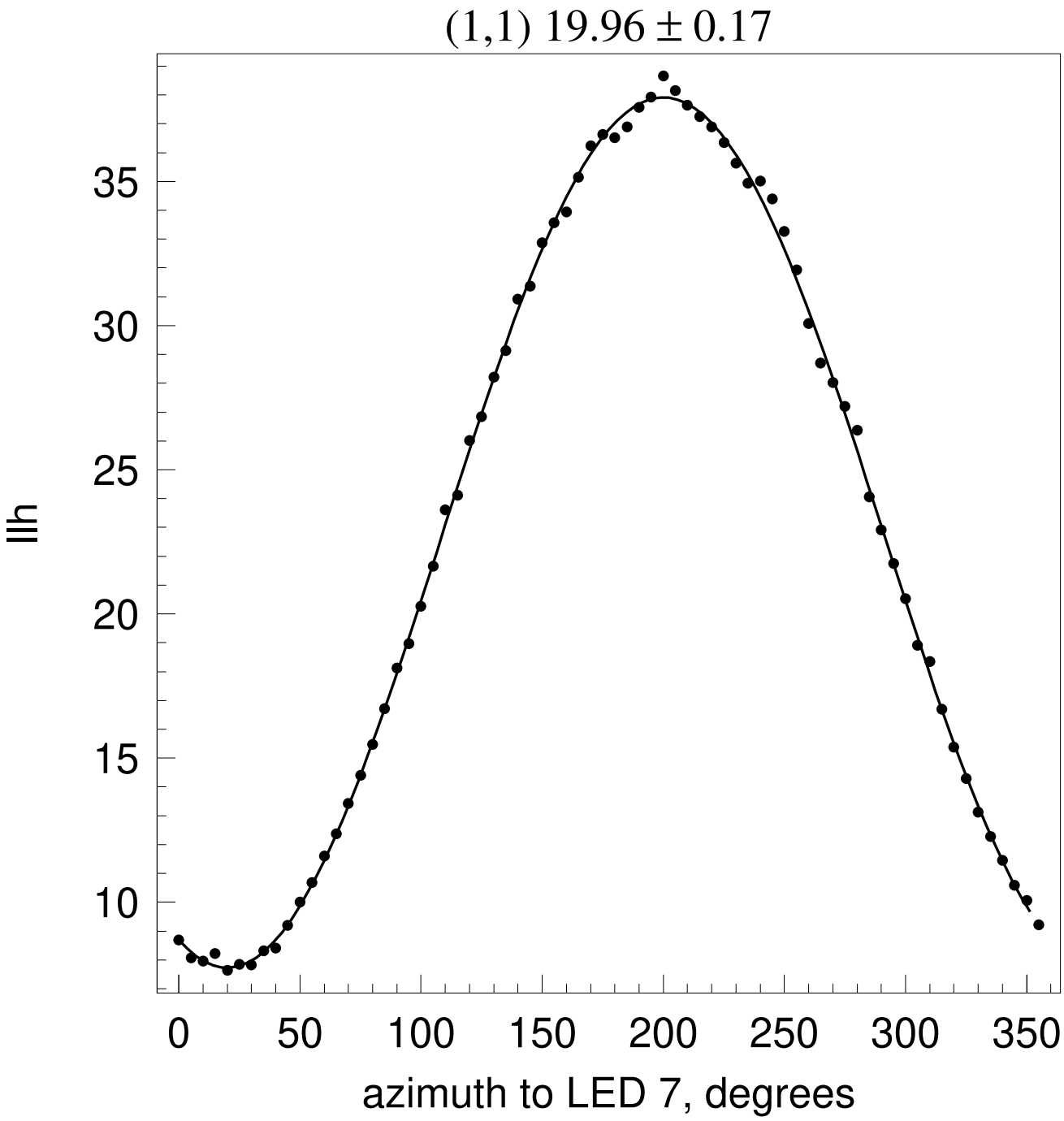
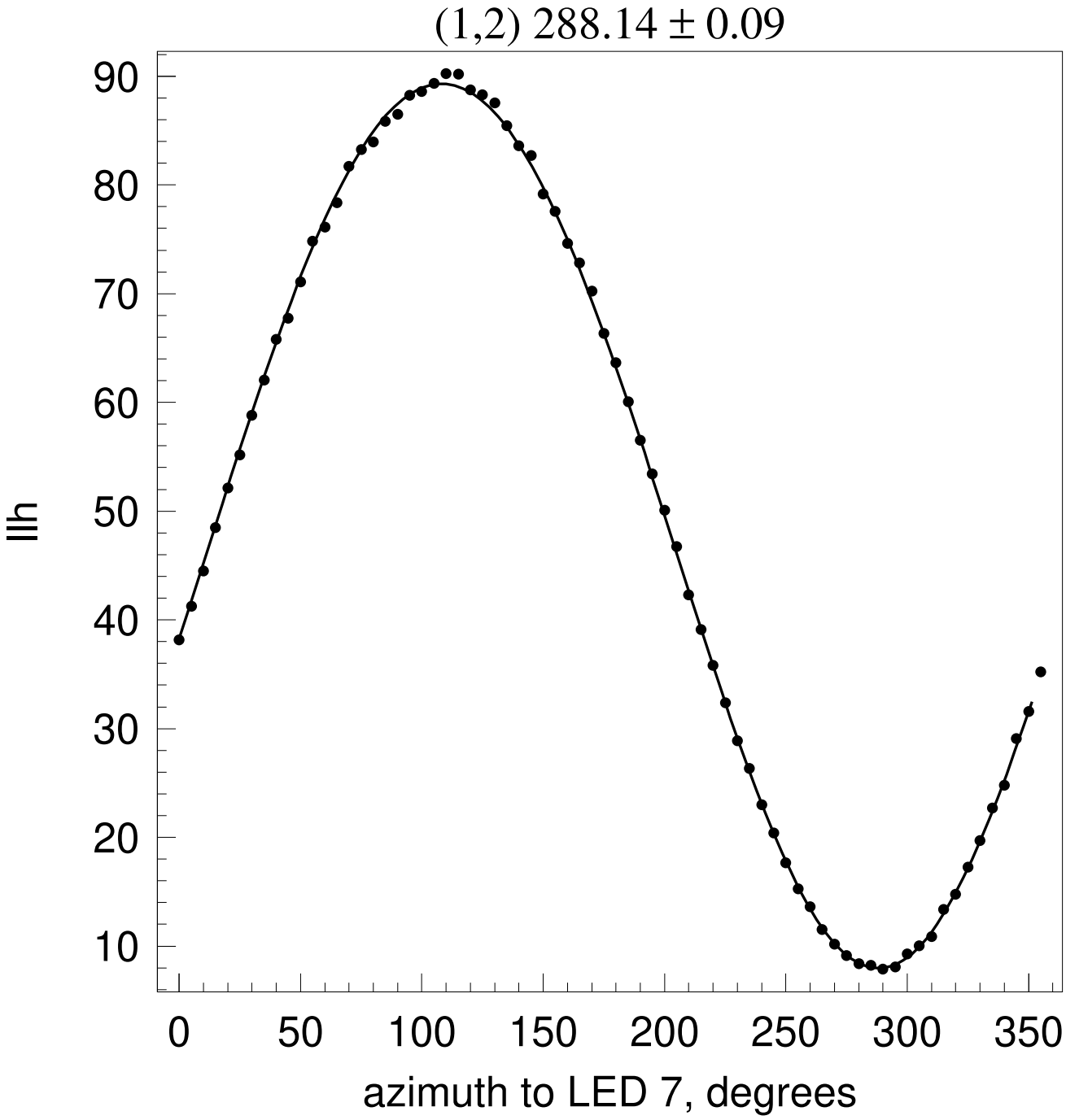
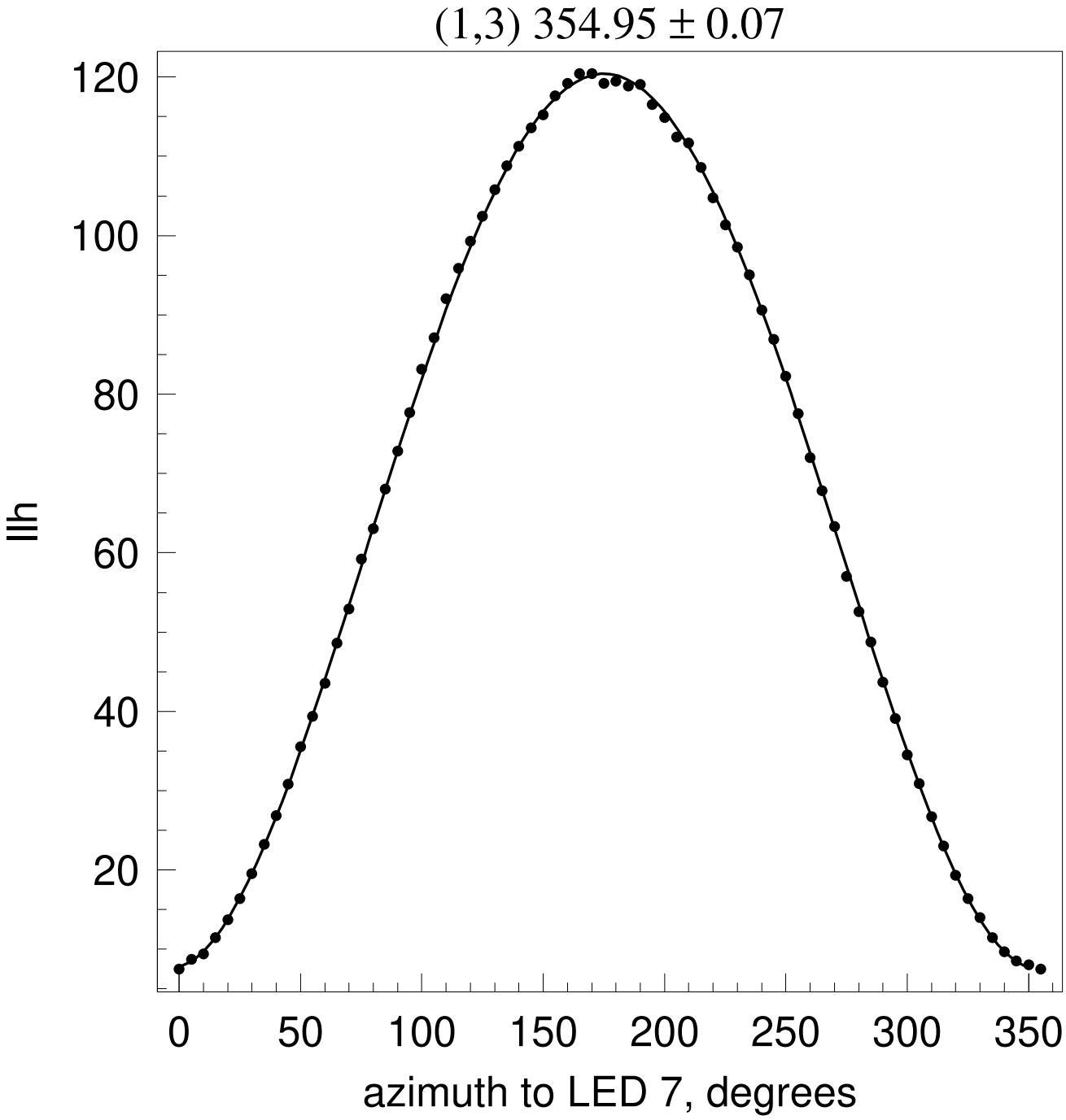
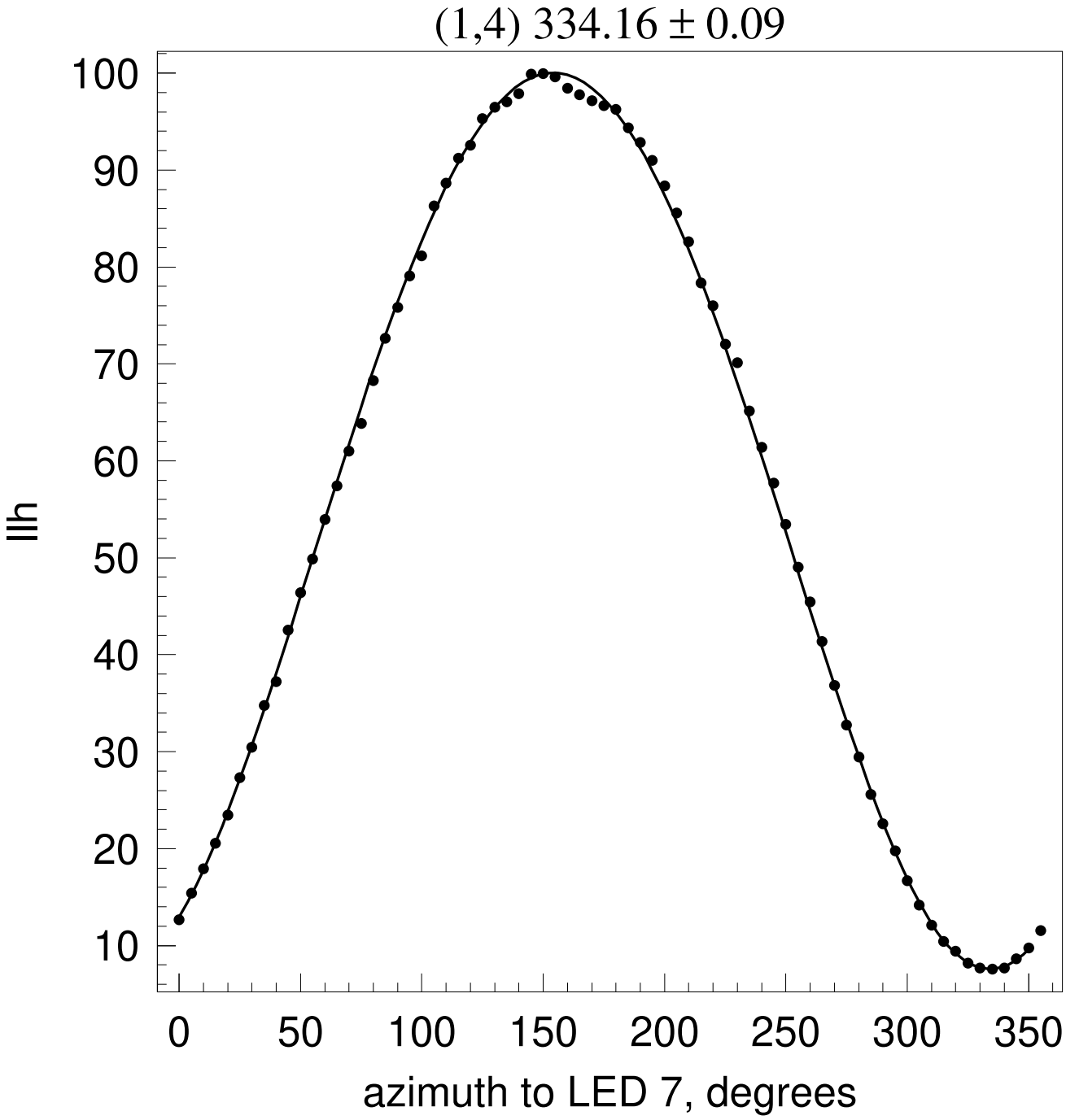
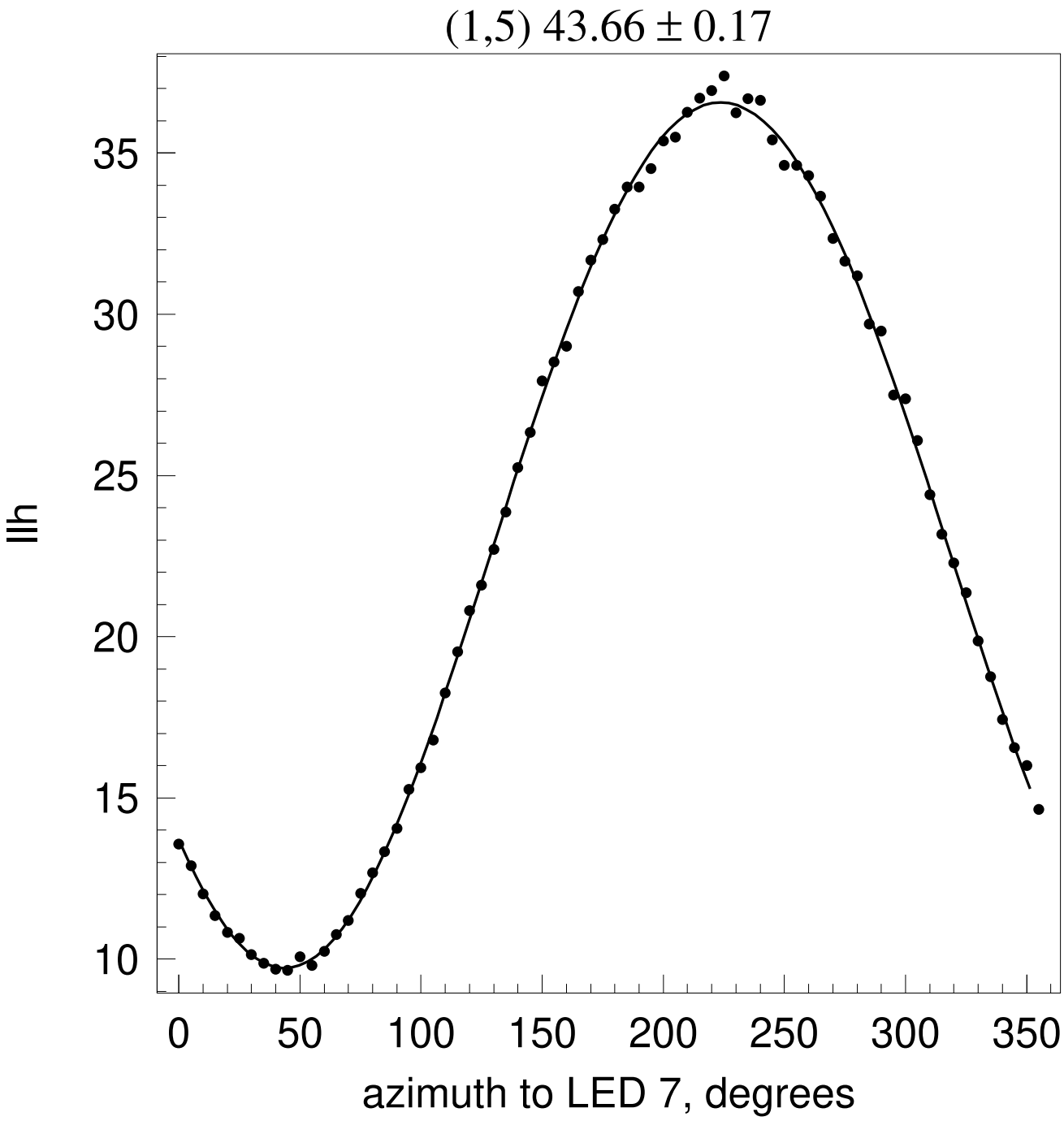
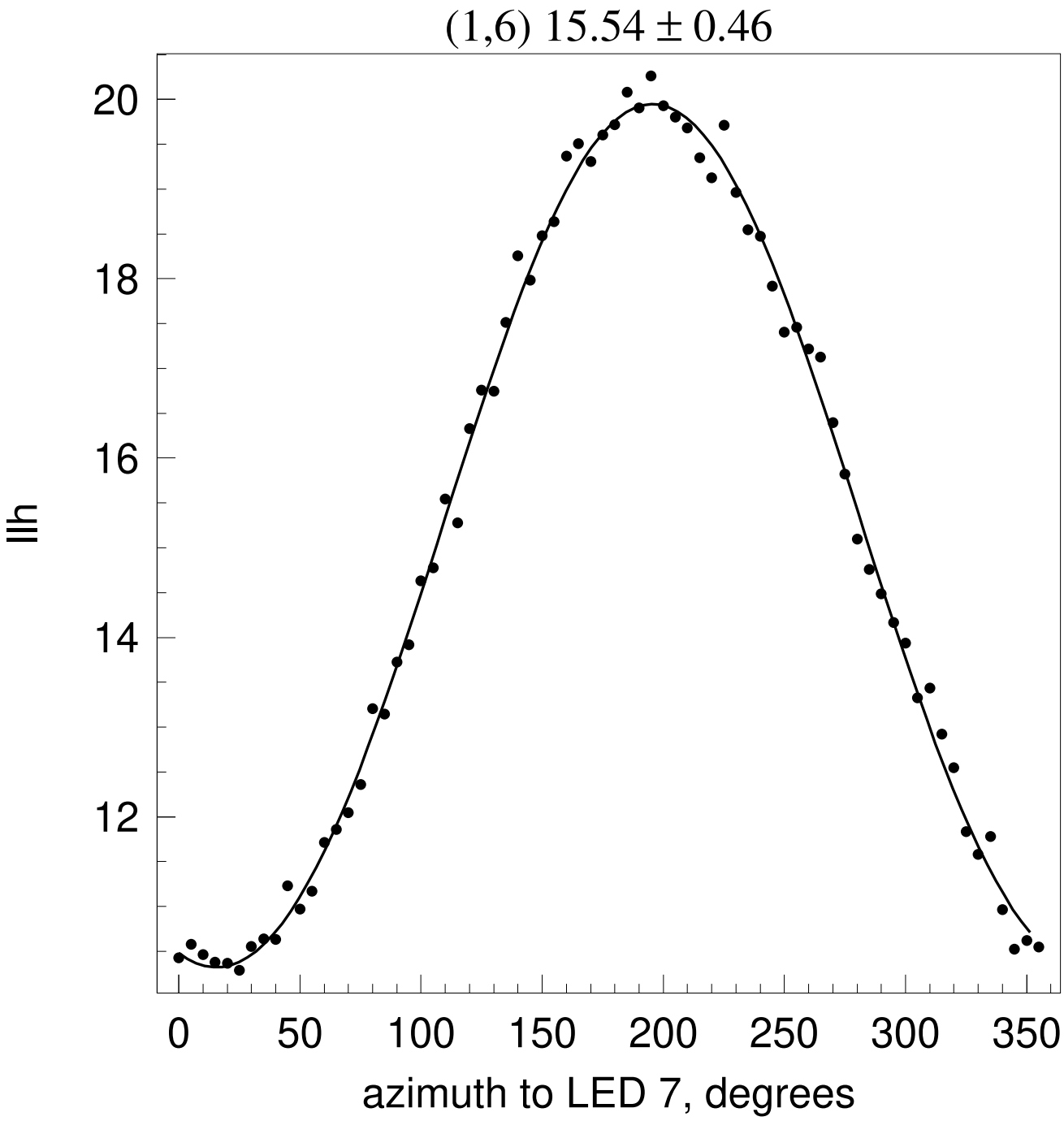

(1,1) 19.96 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

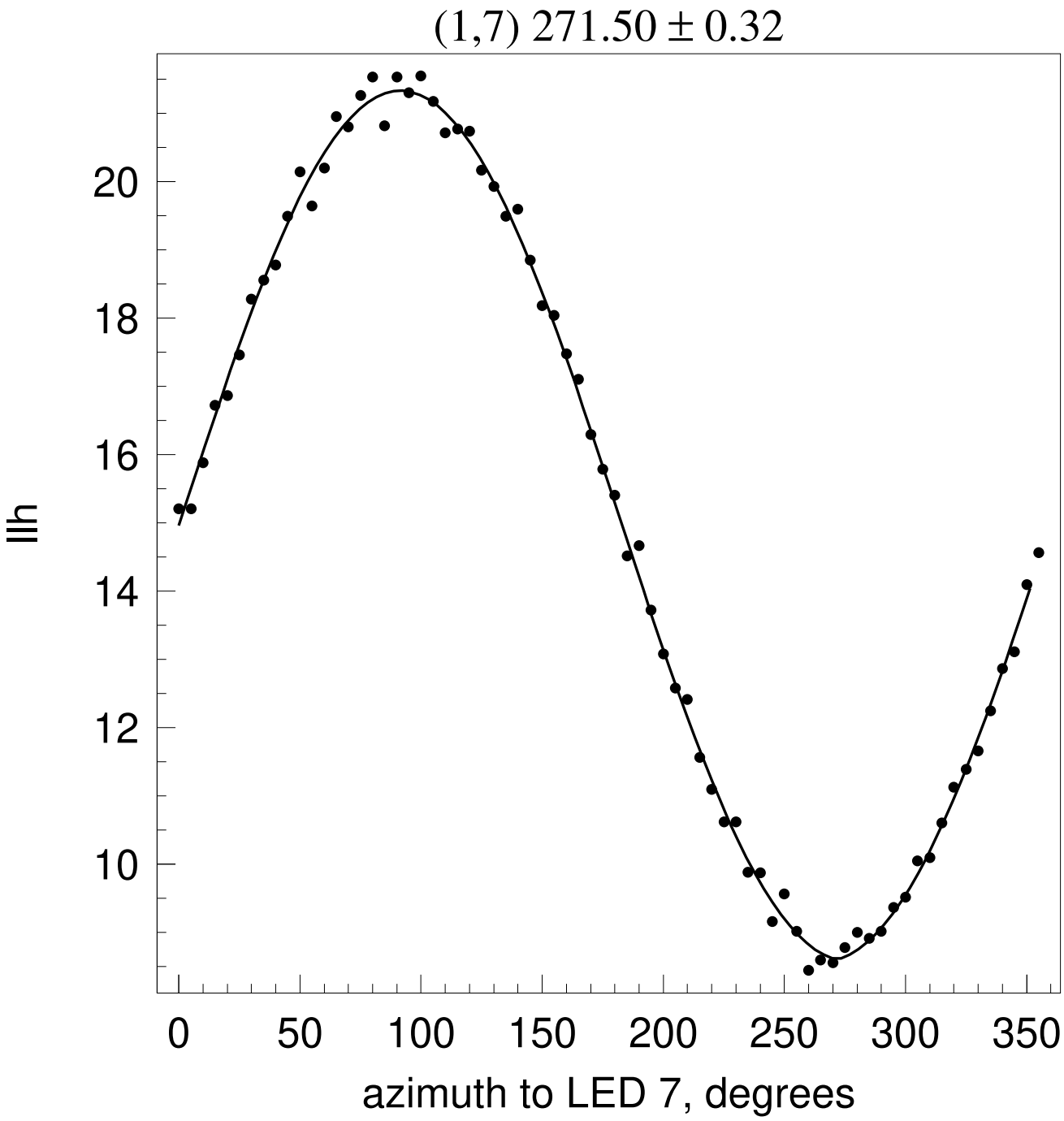

(1,2) 288.14 ± 0.09
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

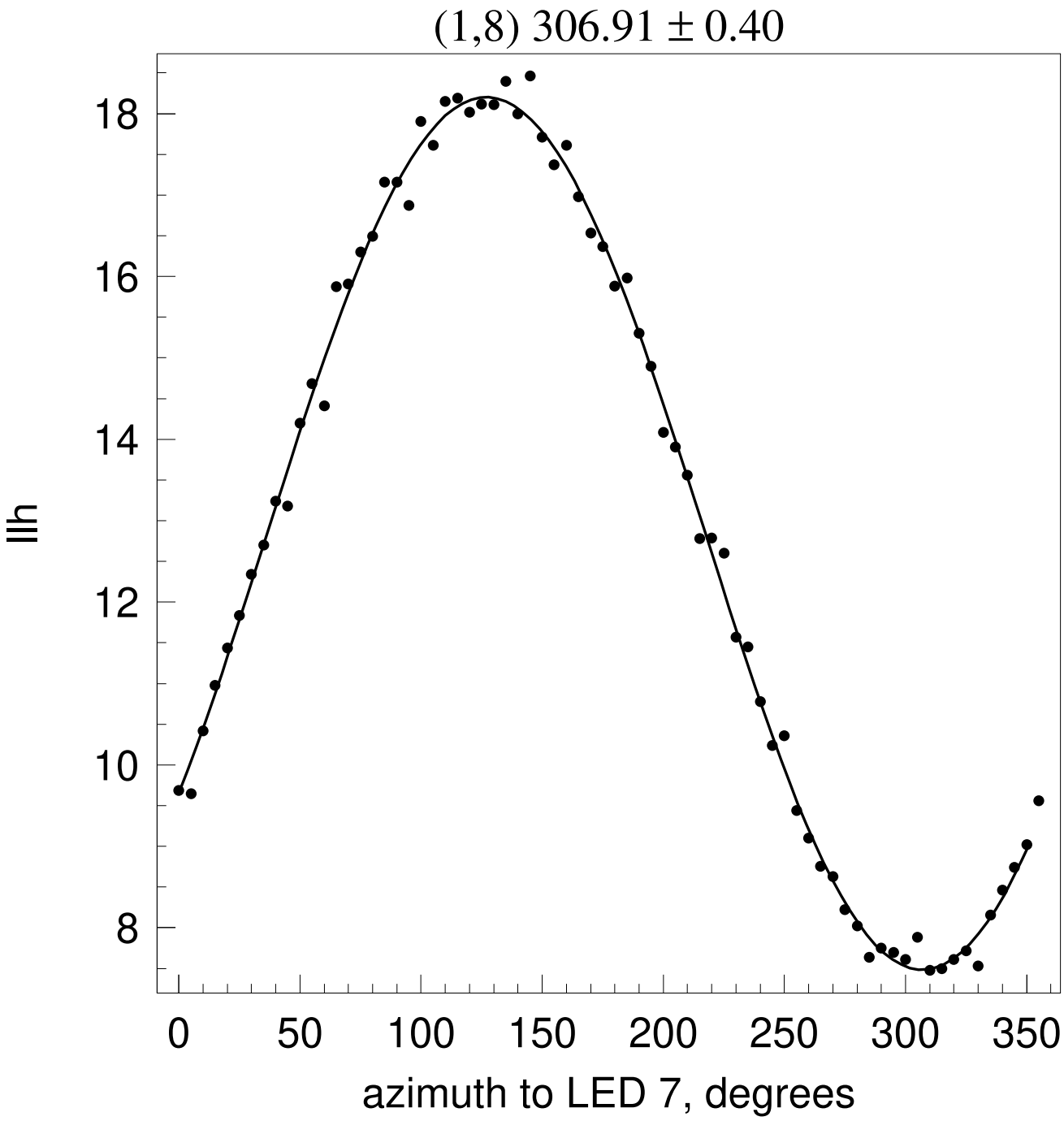

(1,3) 354.95 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

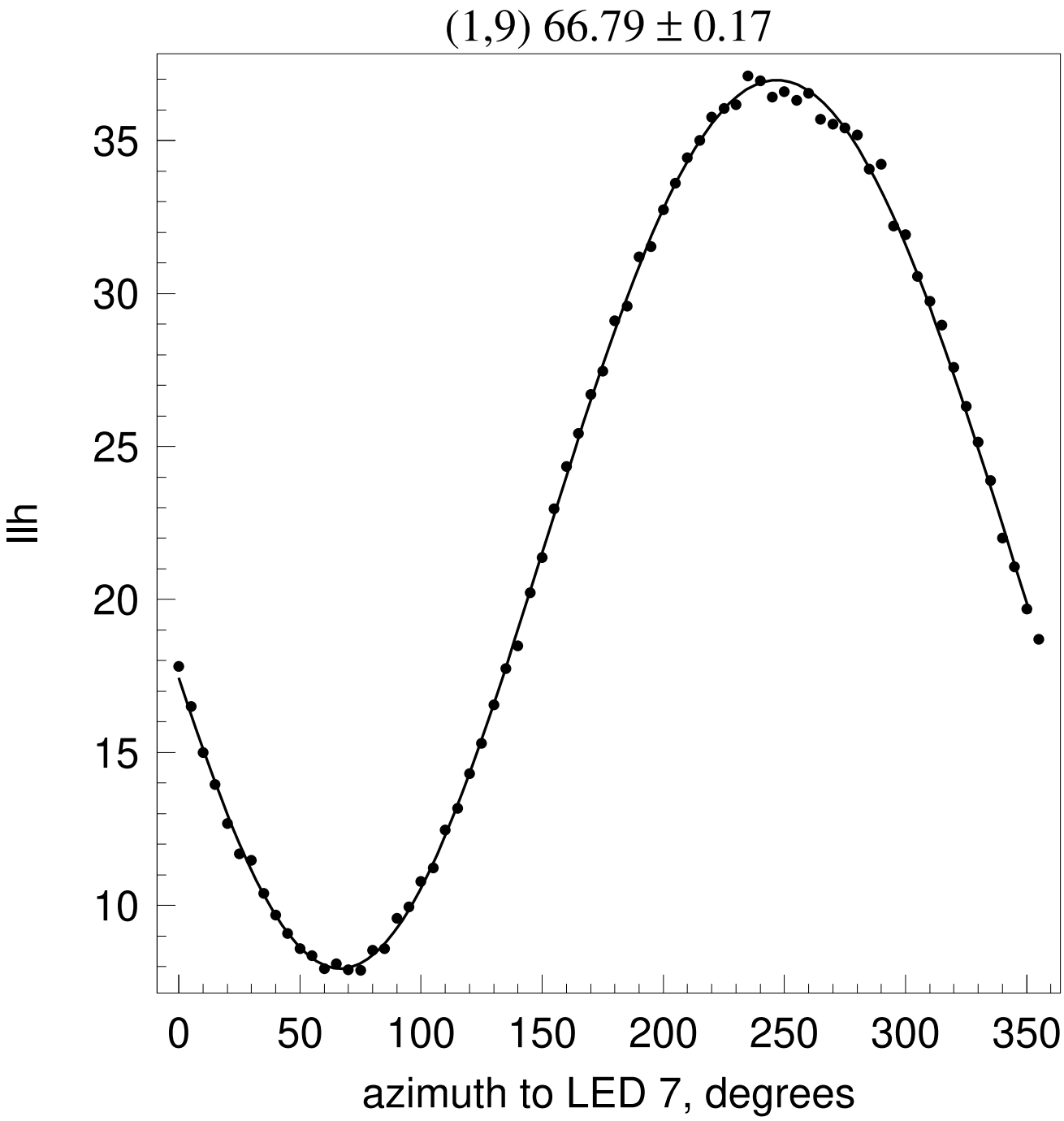

(1,4) 334.16 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

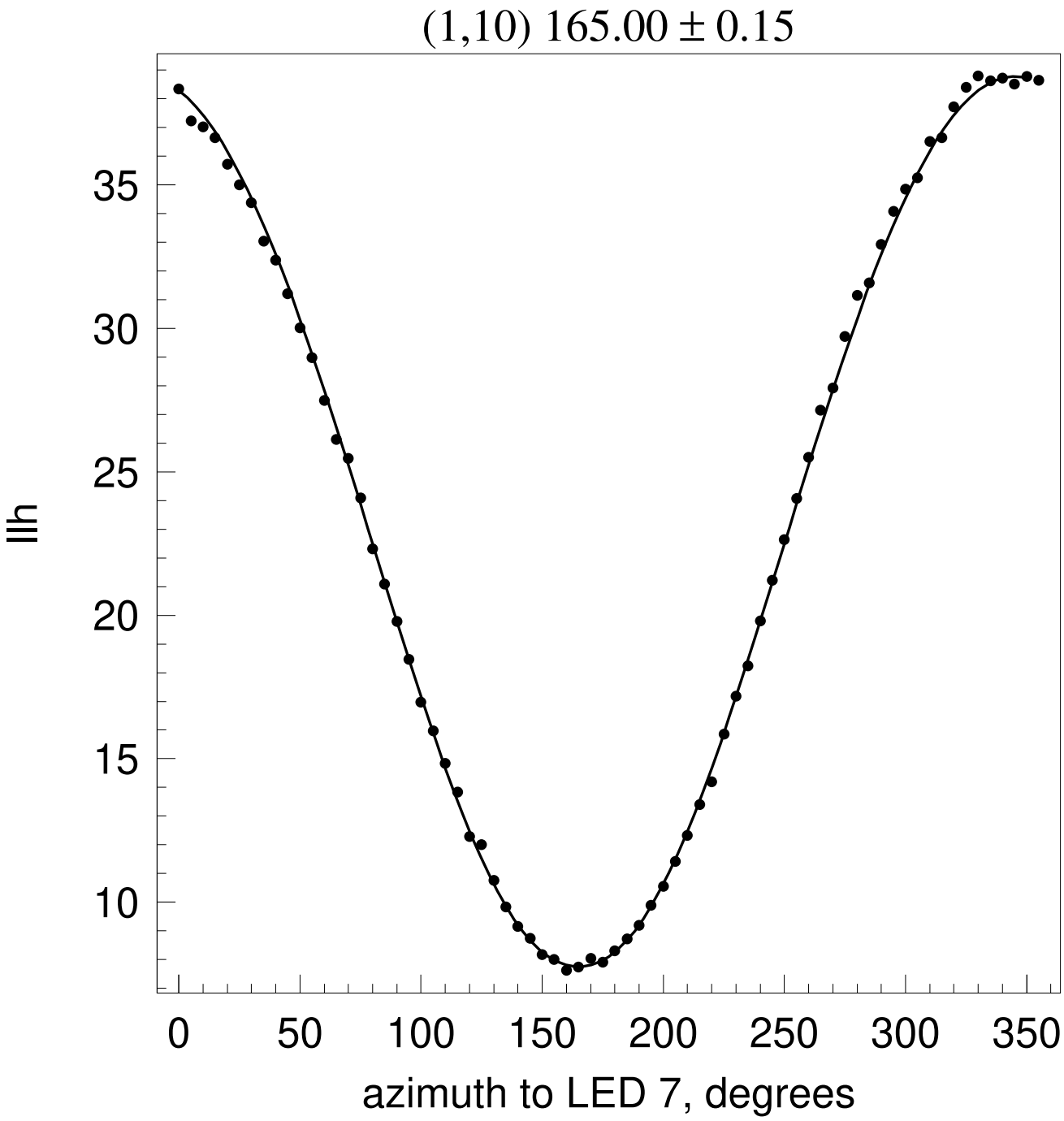

(1,5) 43.66 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

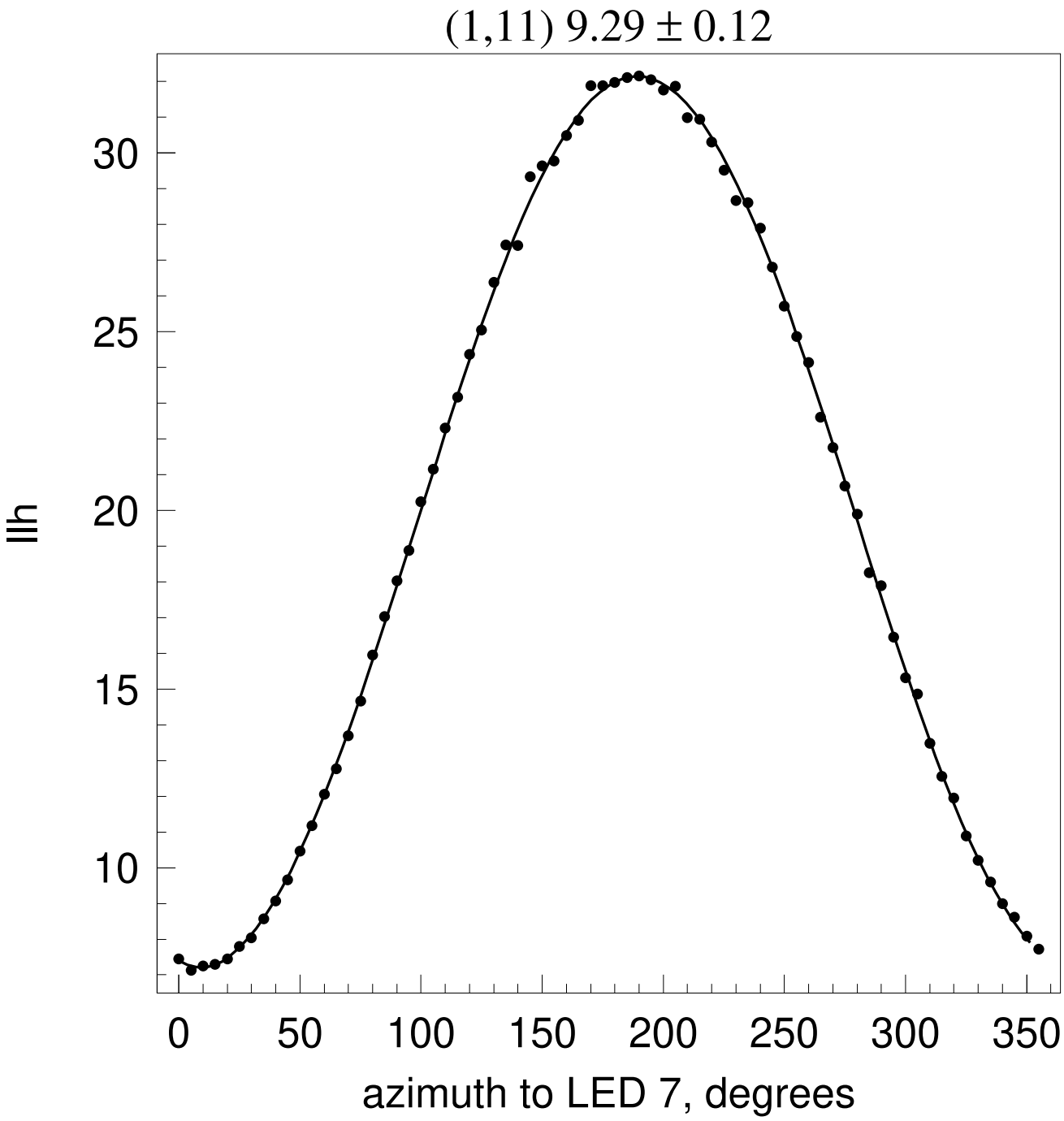

(1,6) 15.54 ± 0.46
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

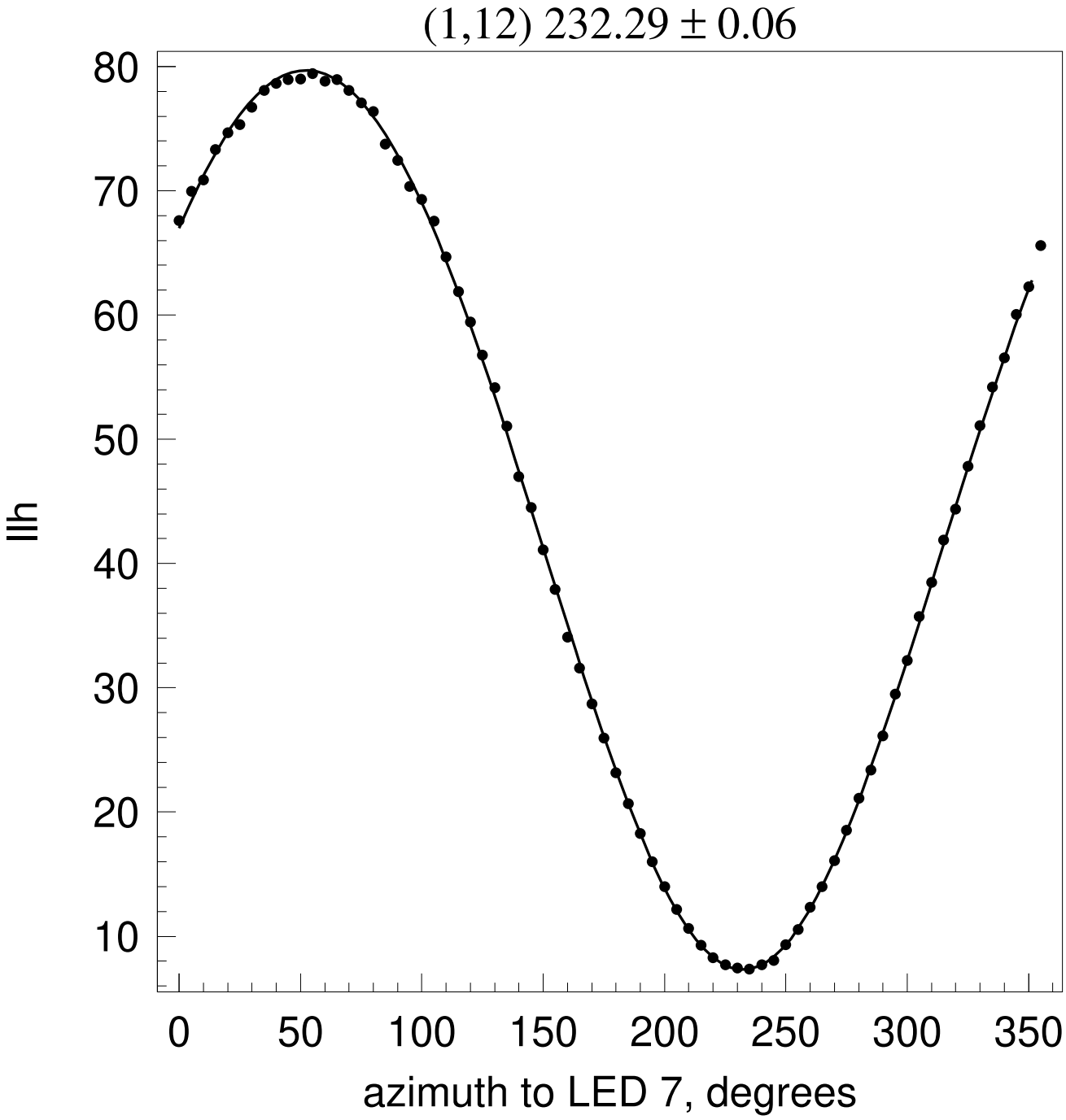

(1,7) 271.50 ± 0.32
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

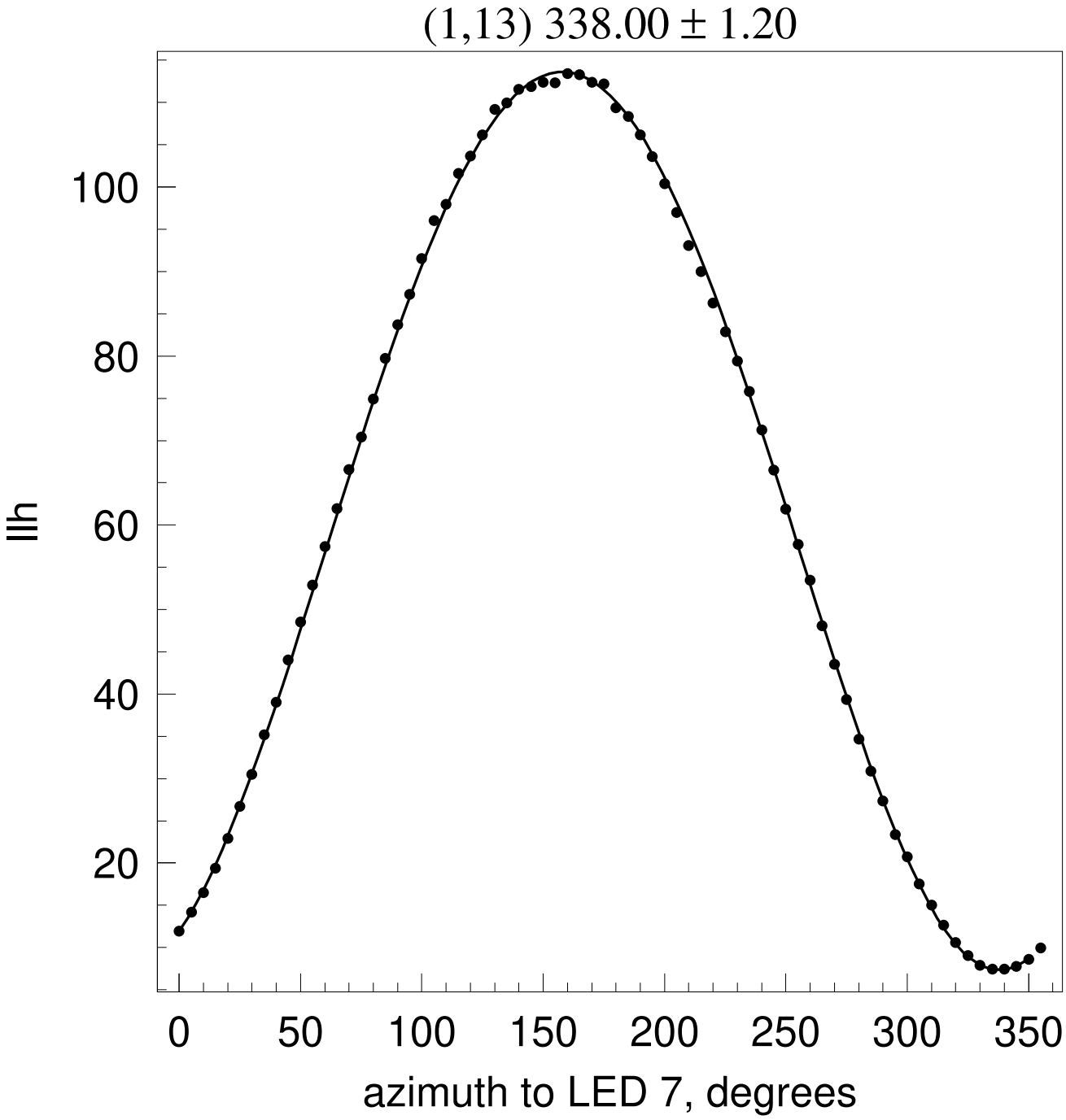

(1,8) 306.91 ± 0.40
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

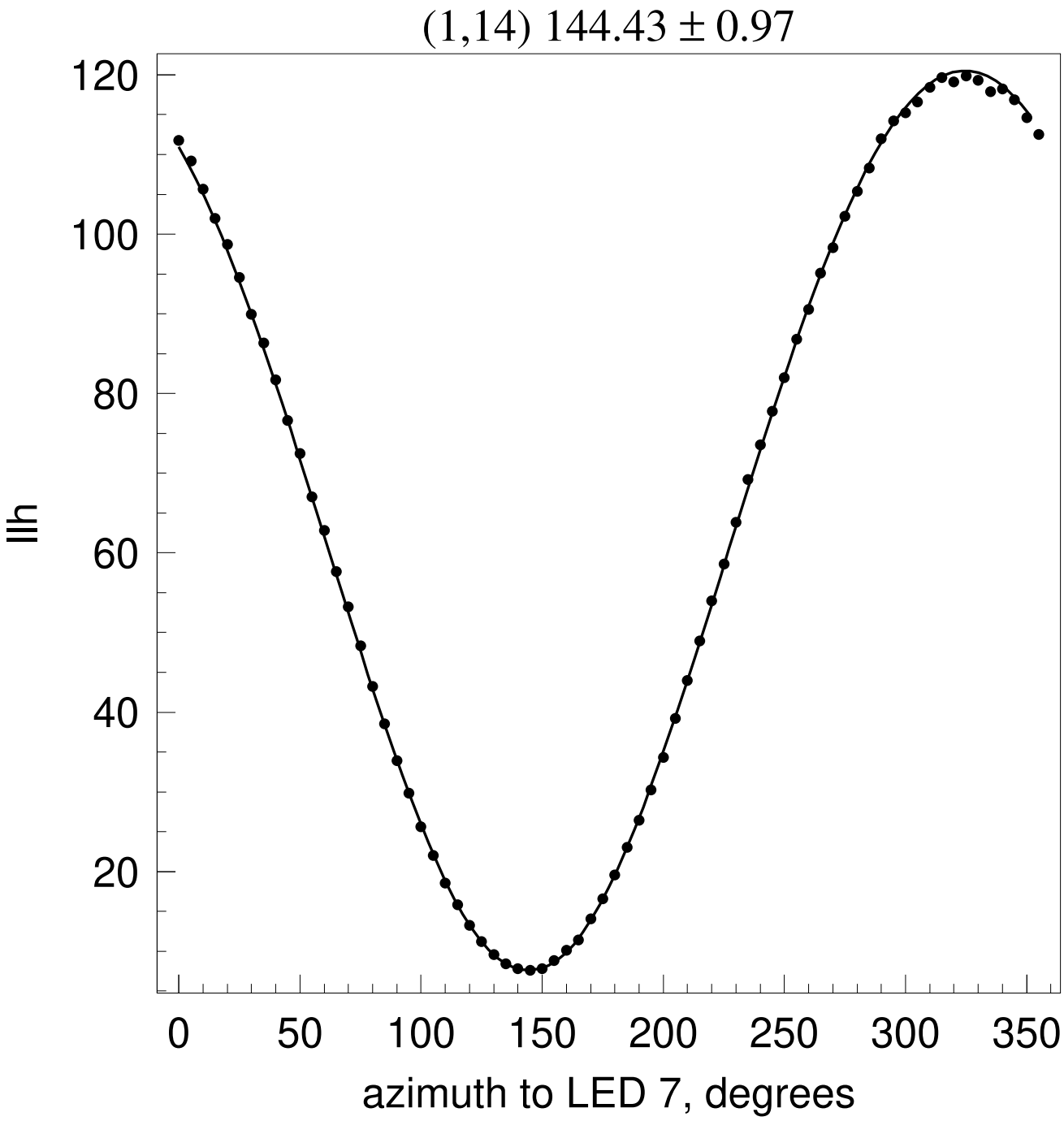

(1,9) 66.79 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

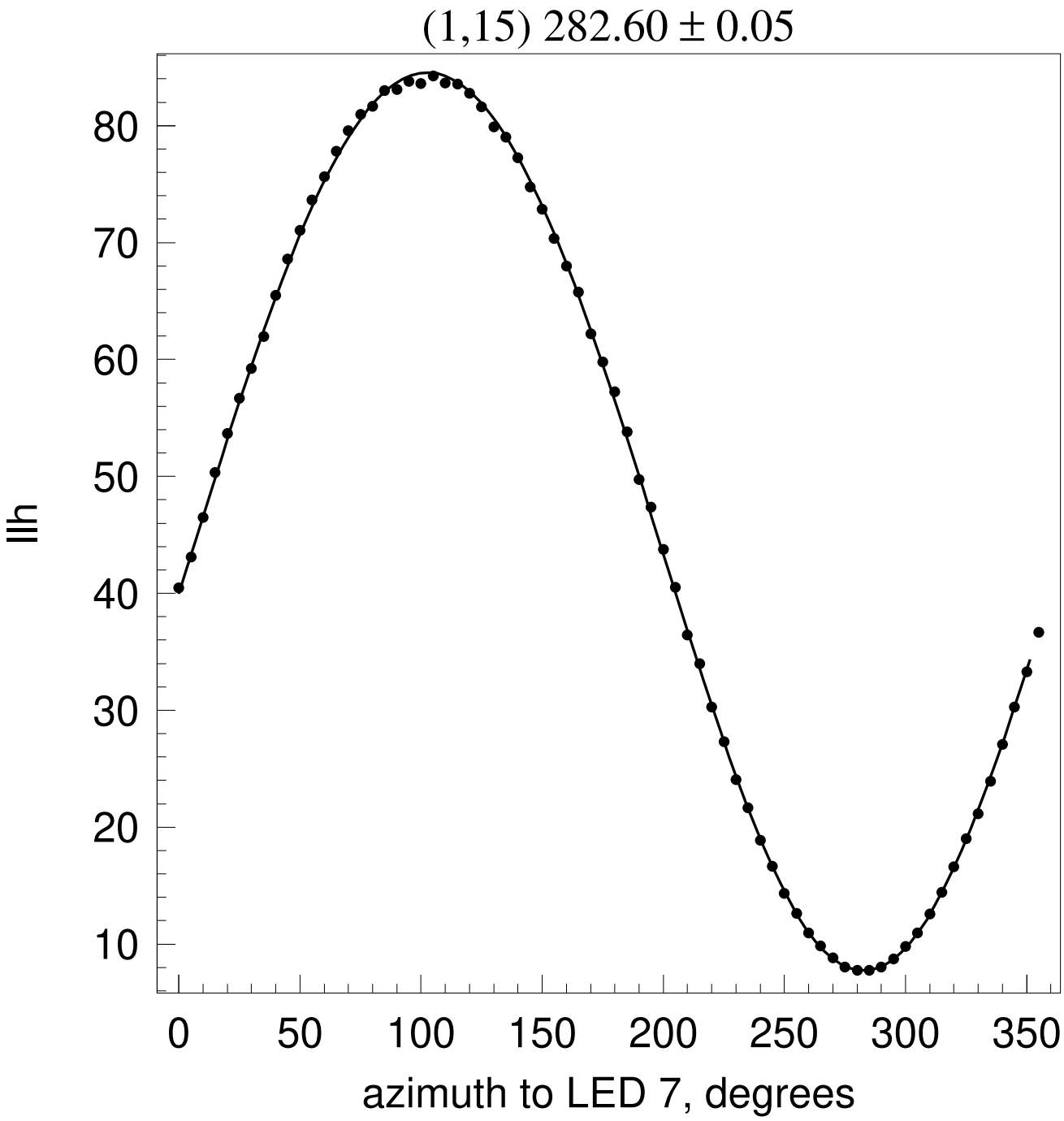

(1,10) 165.00 ± 0.15
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

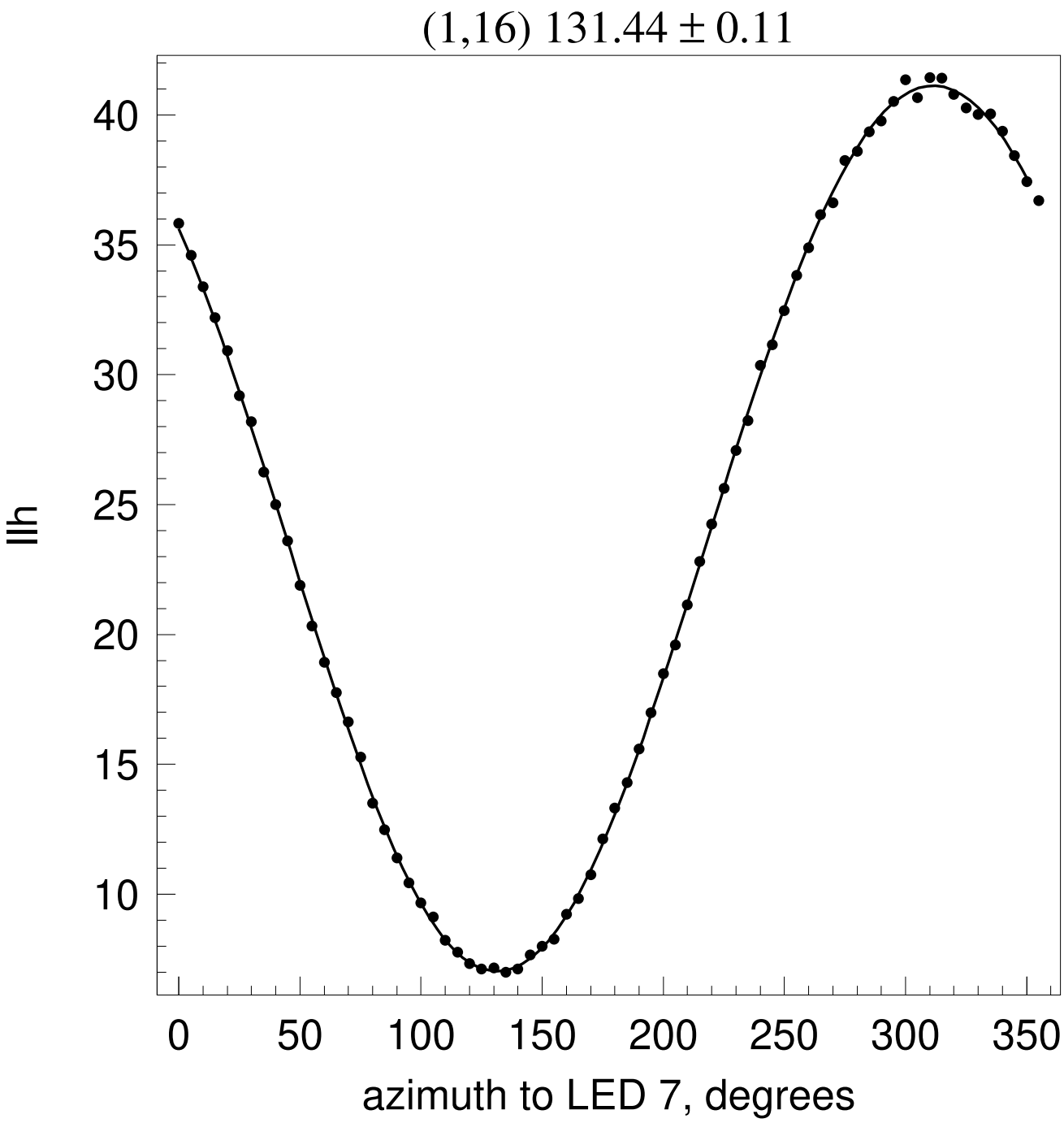

(1,11) 9.29 ± 0.12
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

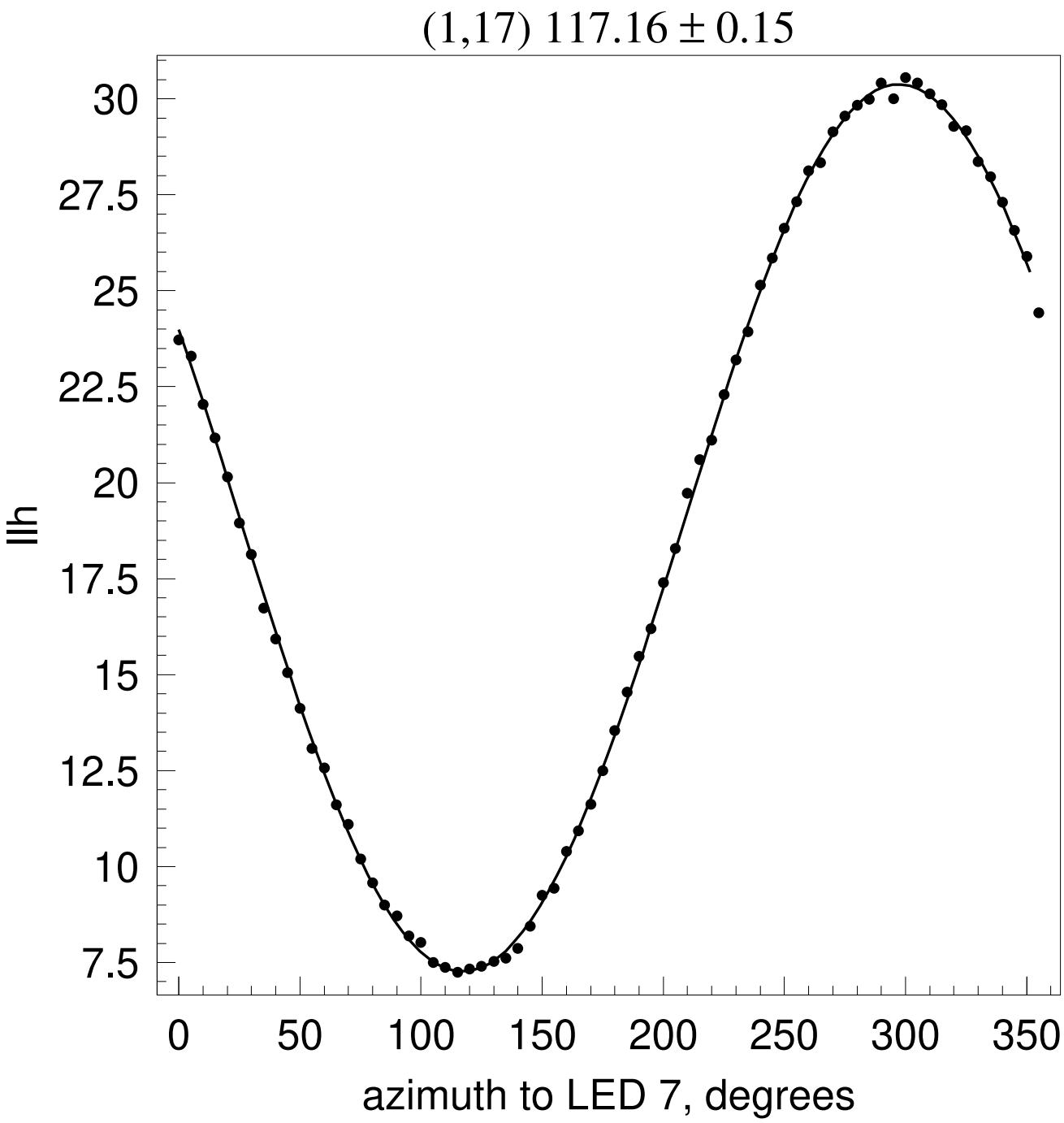

(1,12) 232.29 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

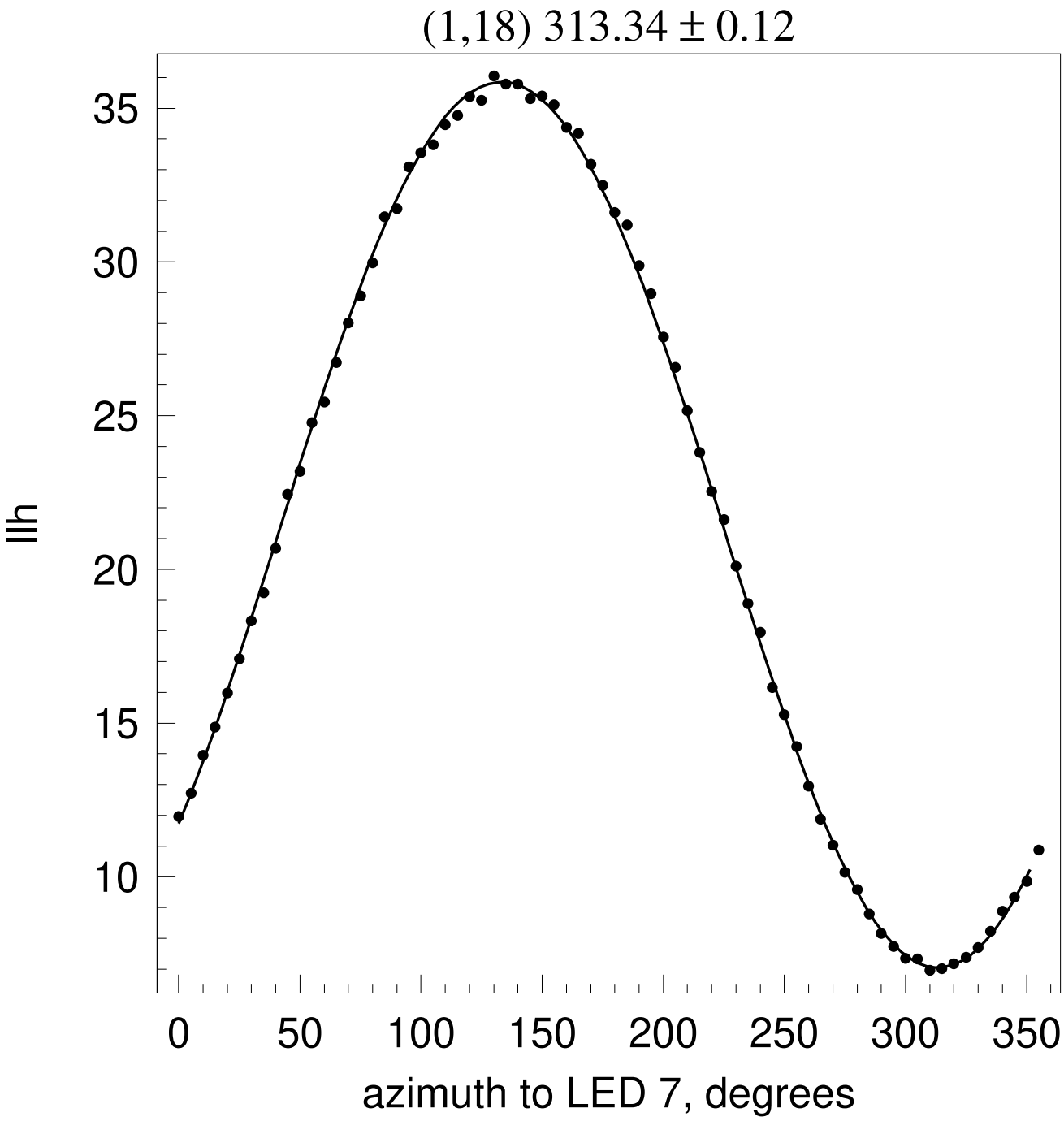

(1,13) 338.00 ± 1.20
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

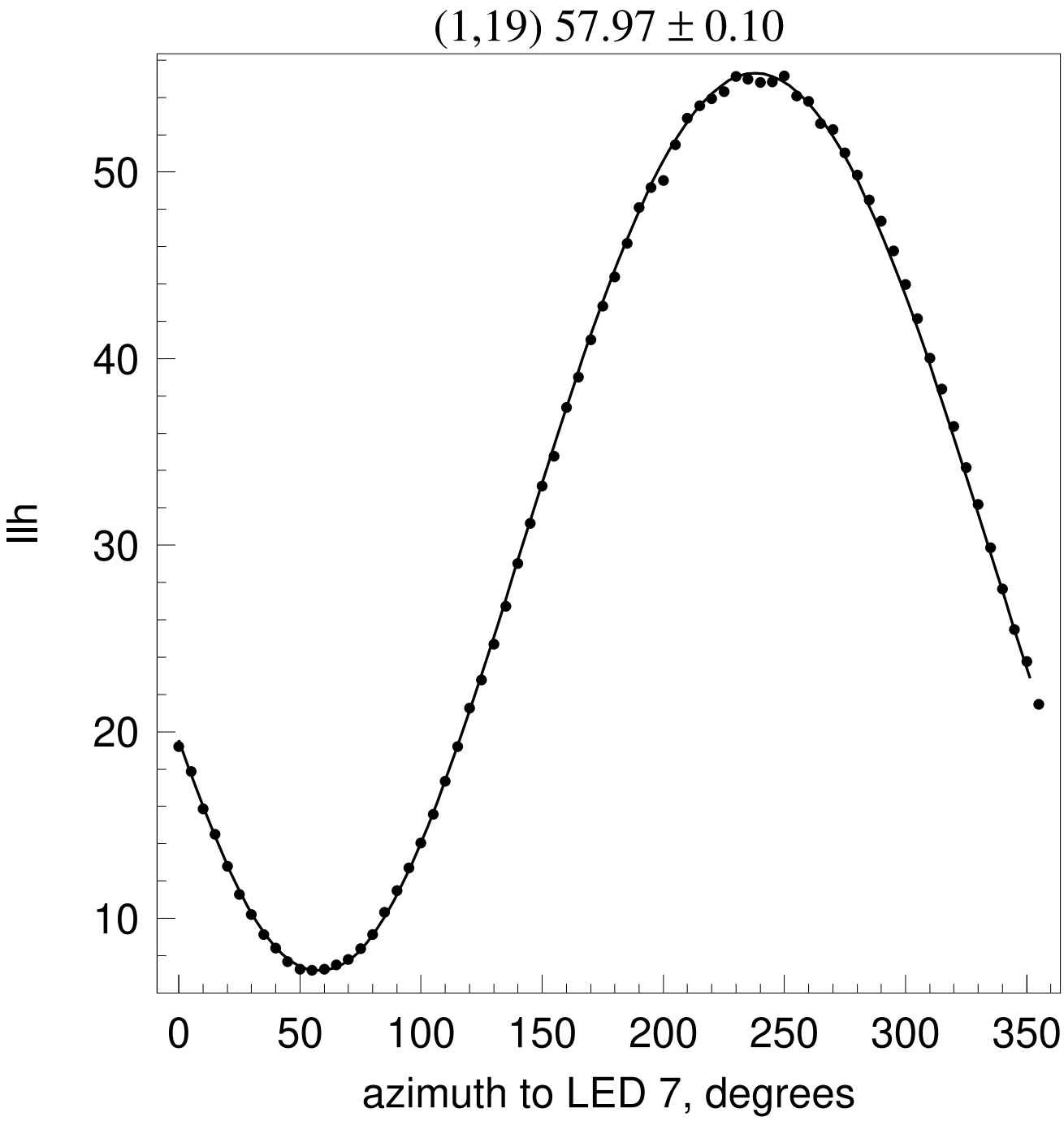

(1,14) 144.43 ± 0.97
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

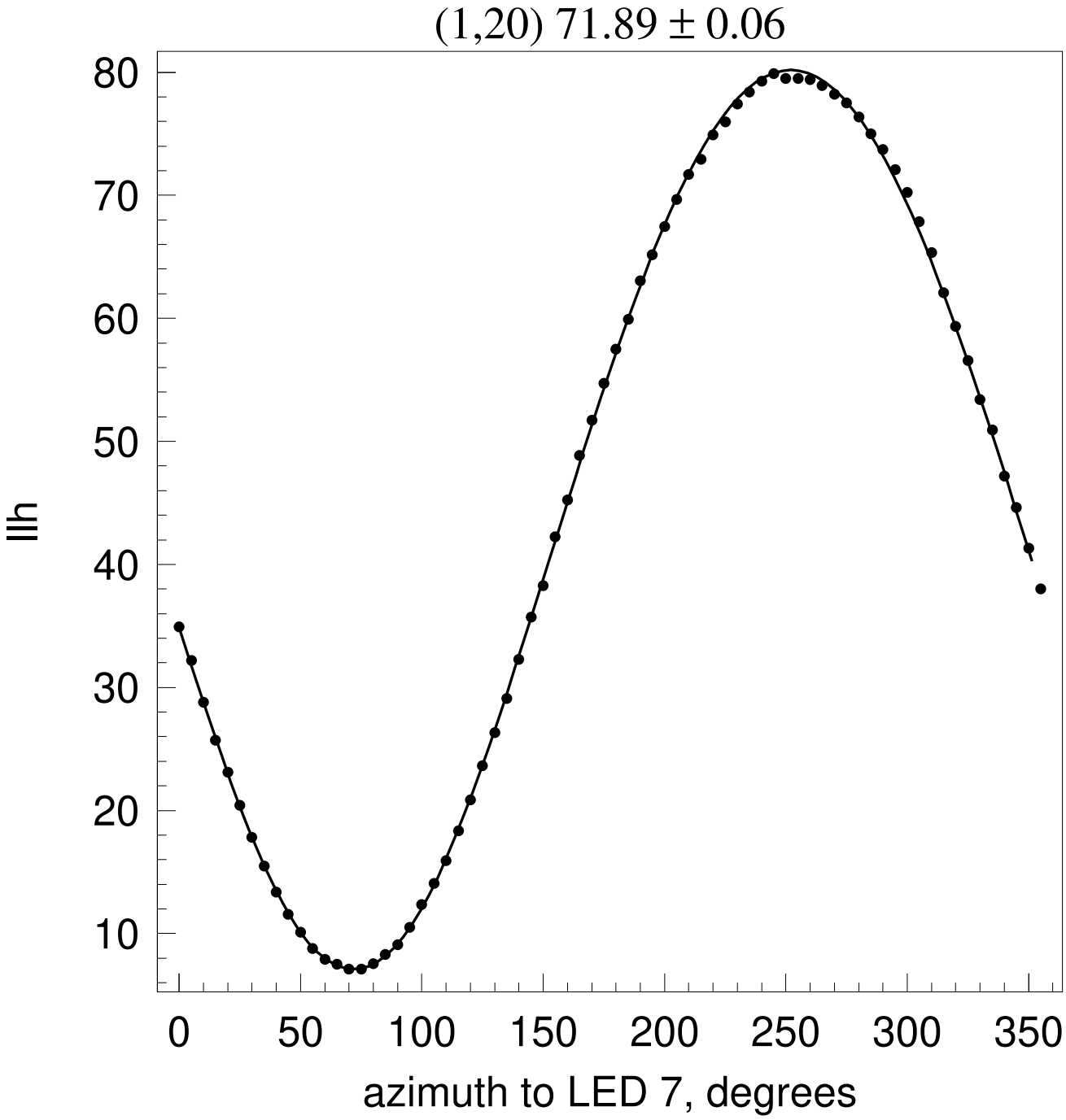

(1,15) 282.60 ± 0.05
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

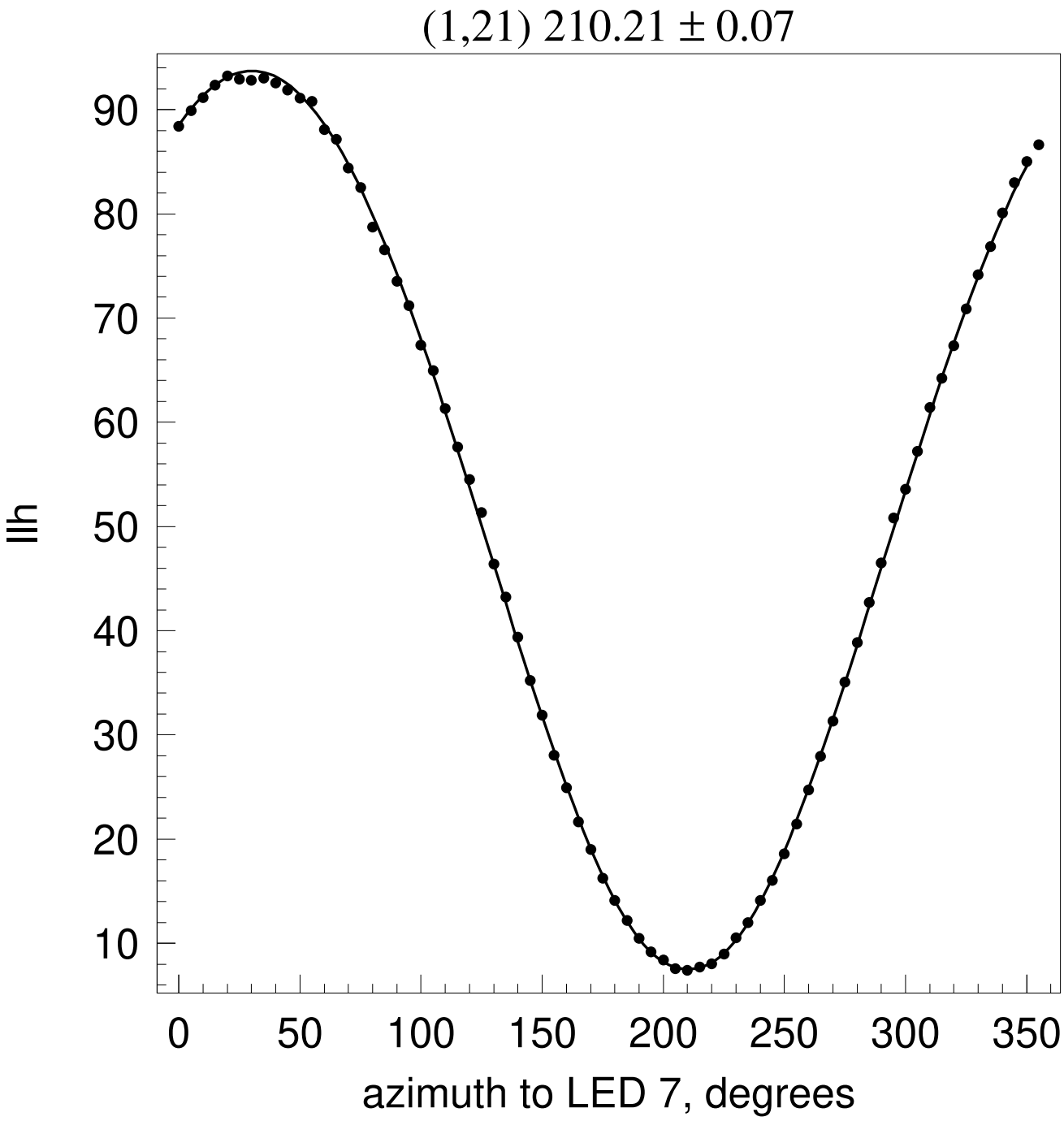

(1,16) 131.44 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

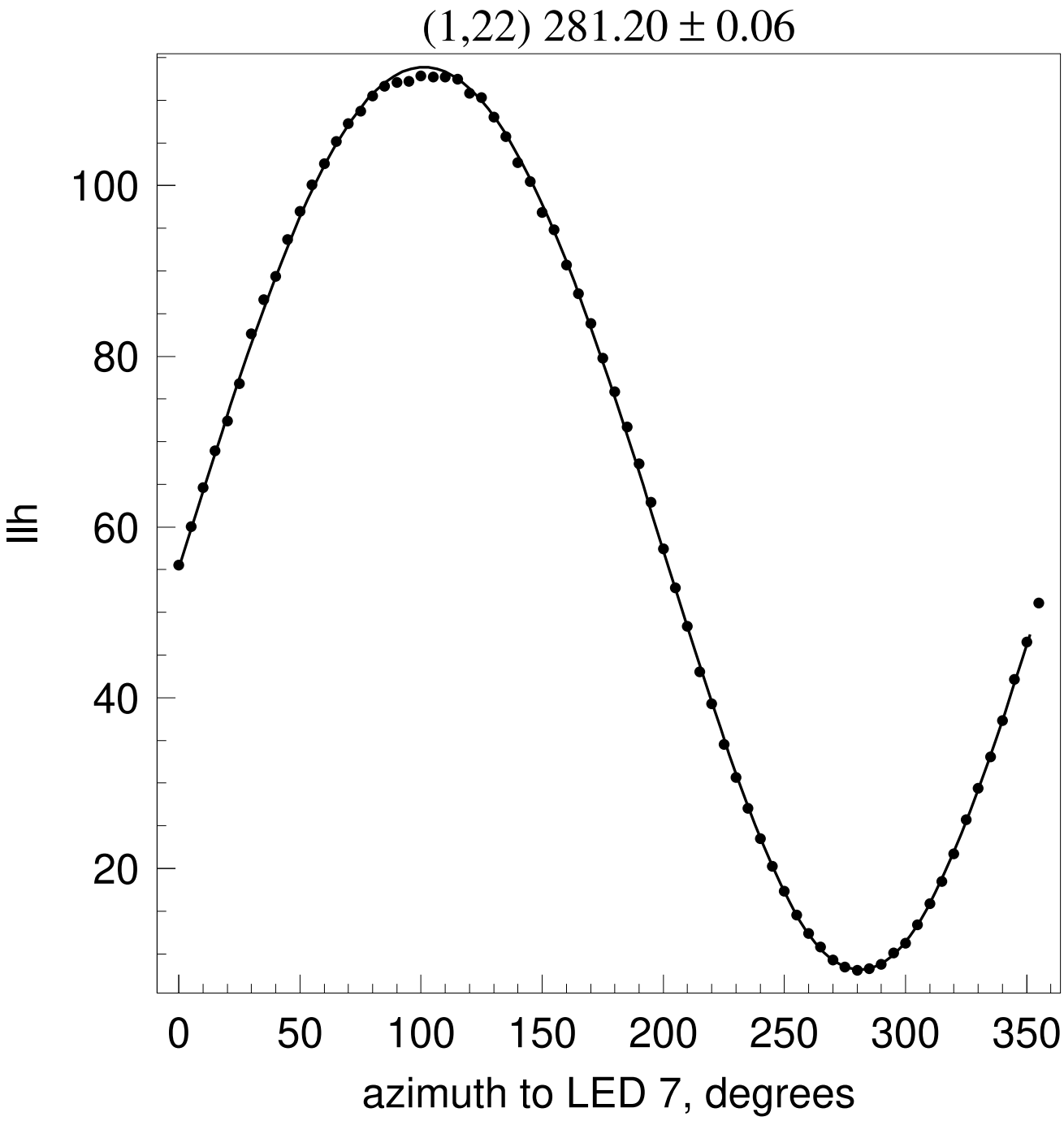

(1,17) 117.16 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

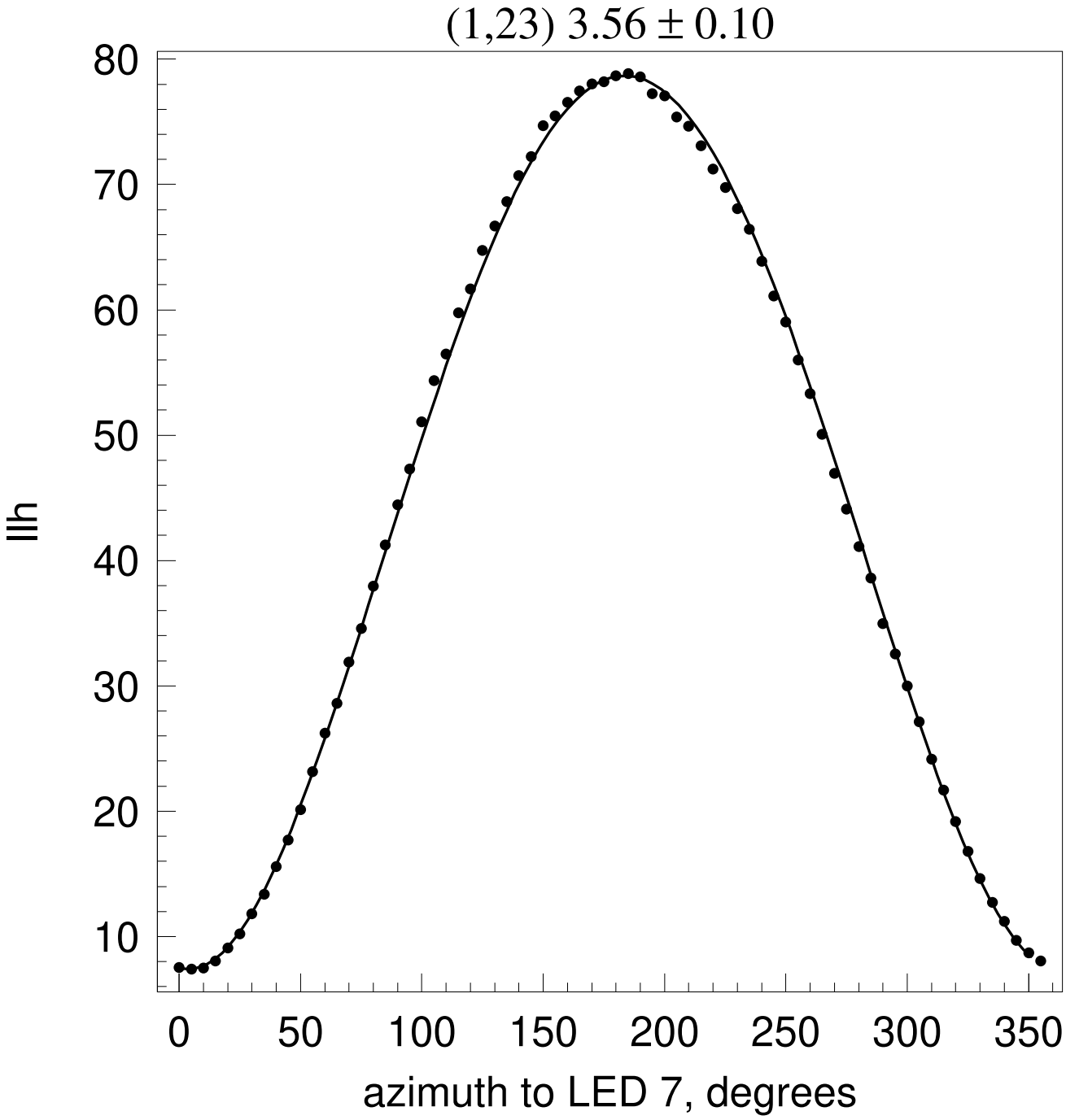

(1,18) 313.34 ± 0.12
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

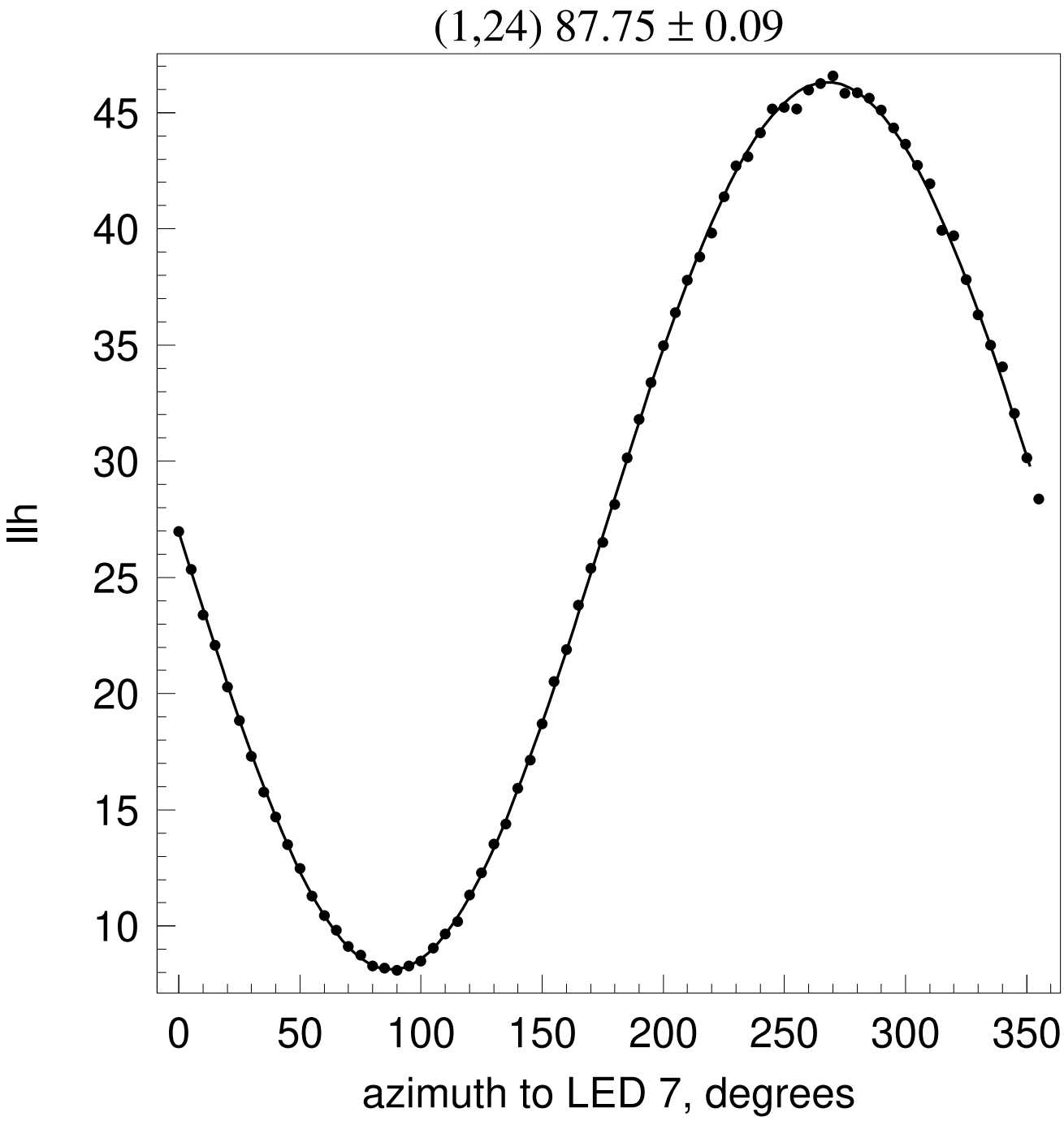

(1,19) 57.97 ± 0.10
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

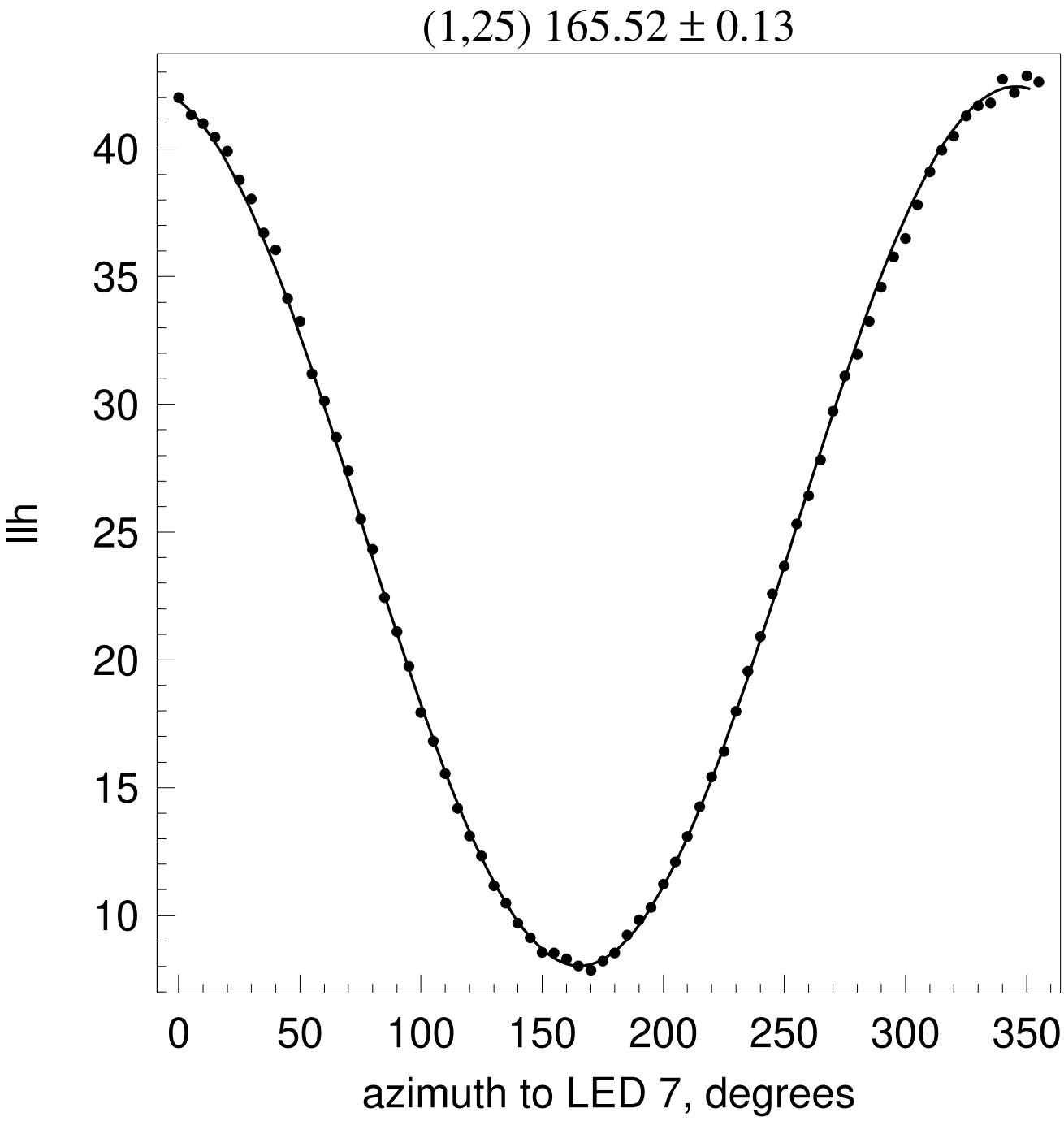

(1,20) 71.89 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

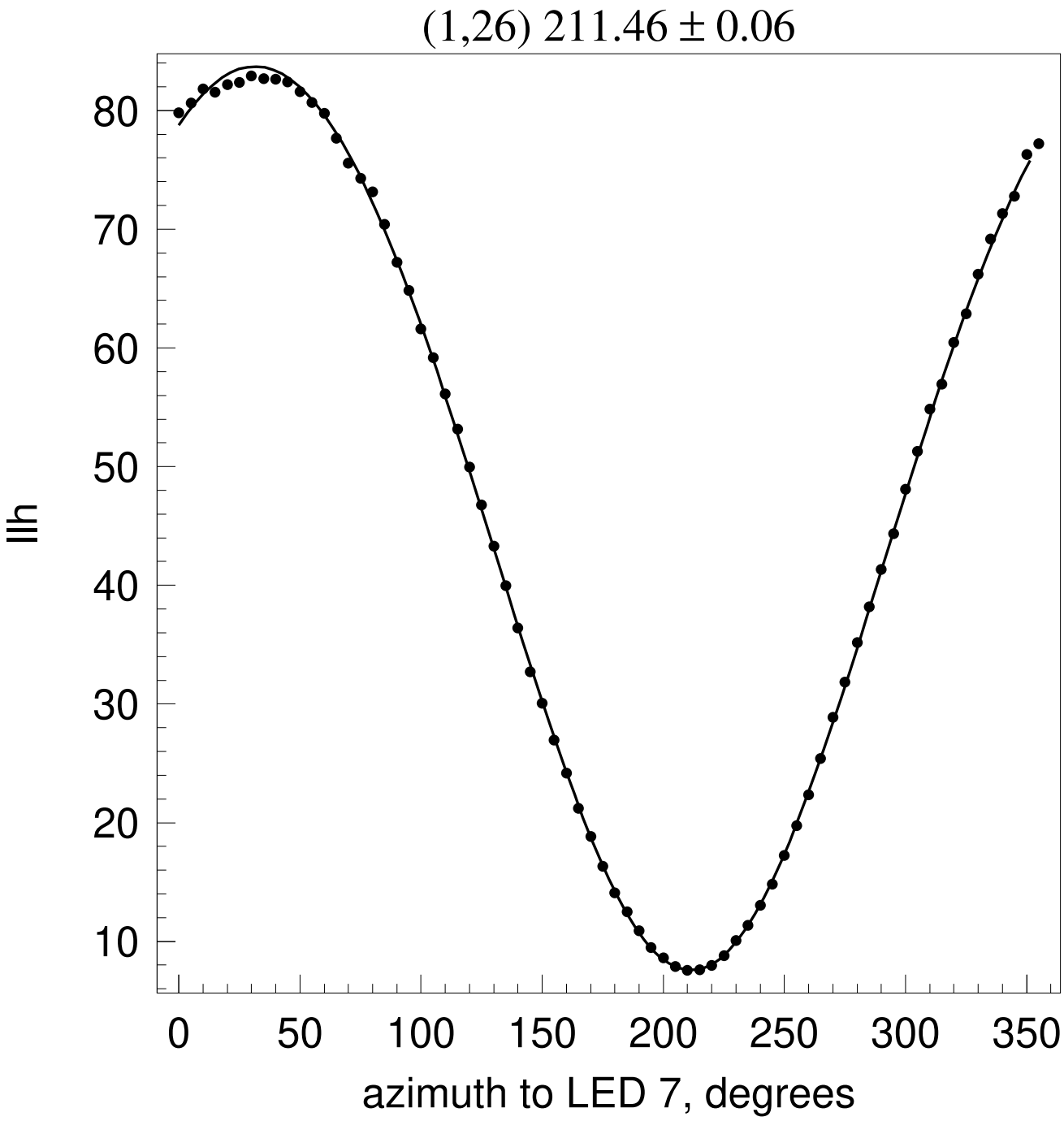

(1,21) 210.21 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

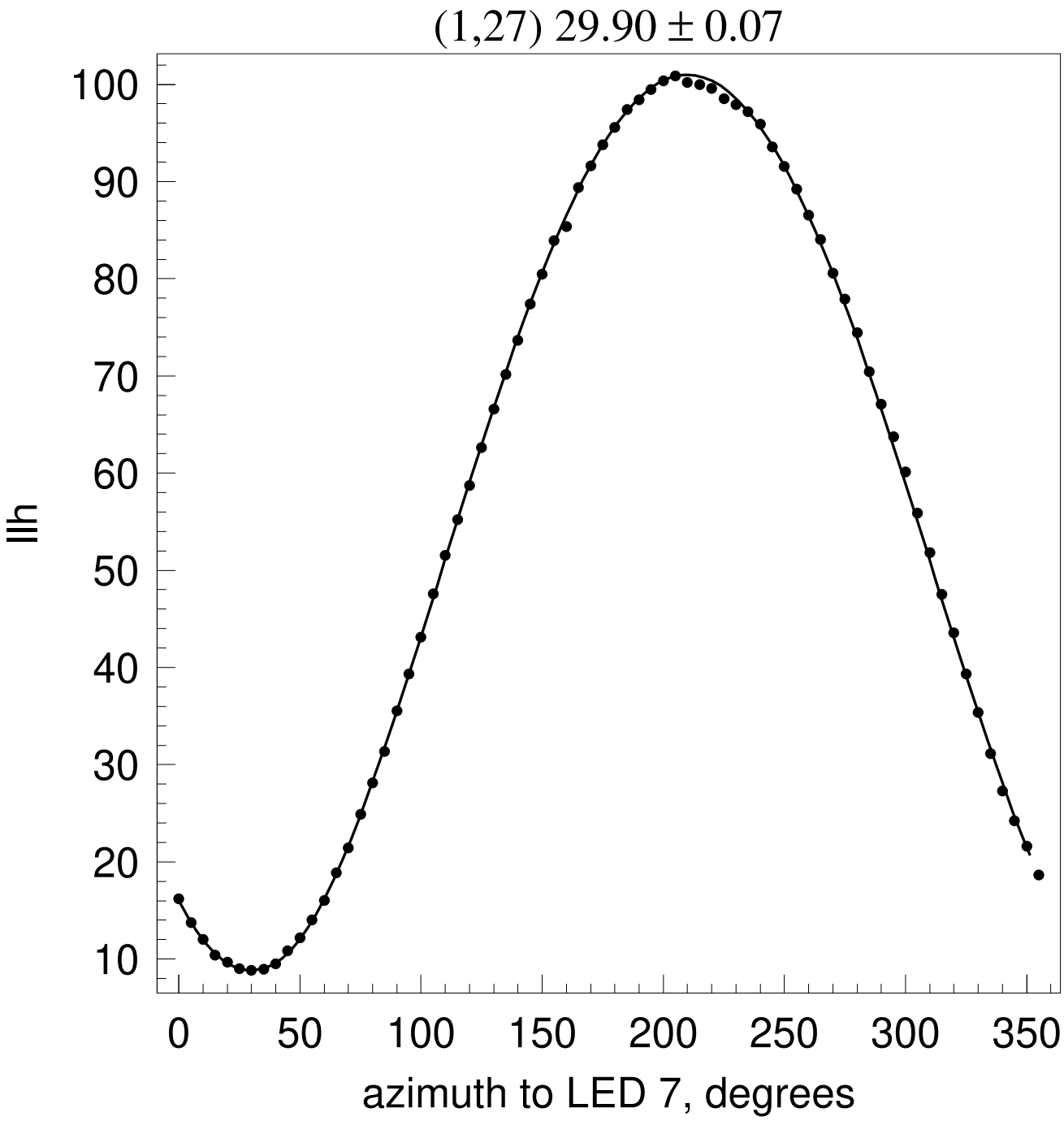

(1,22) 281.20 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

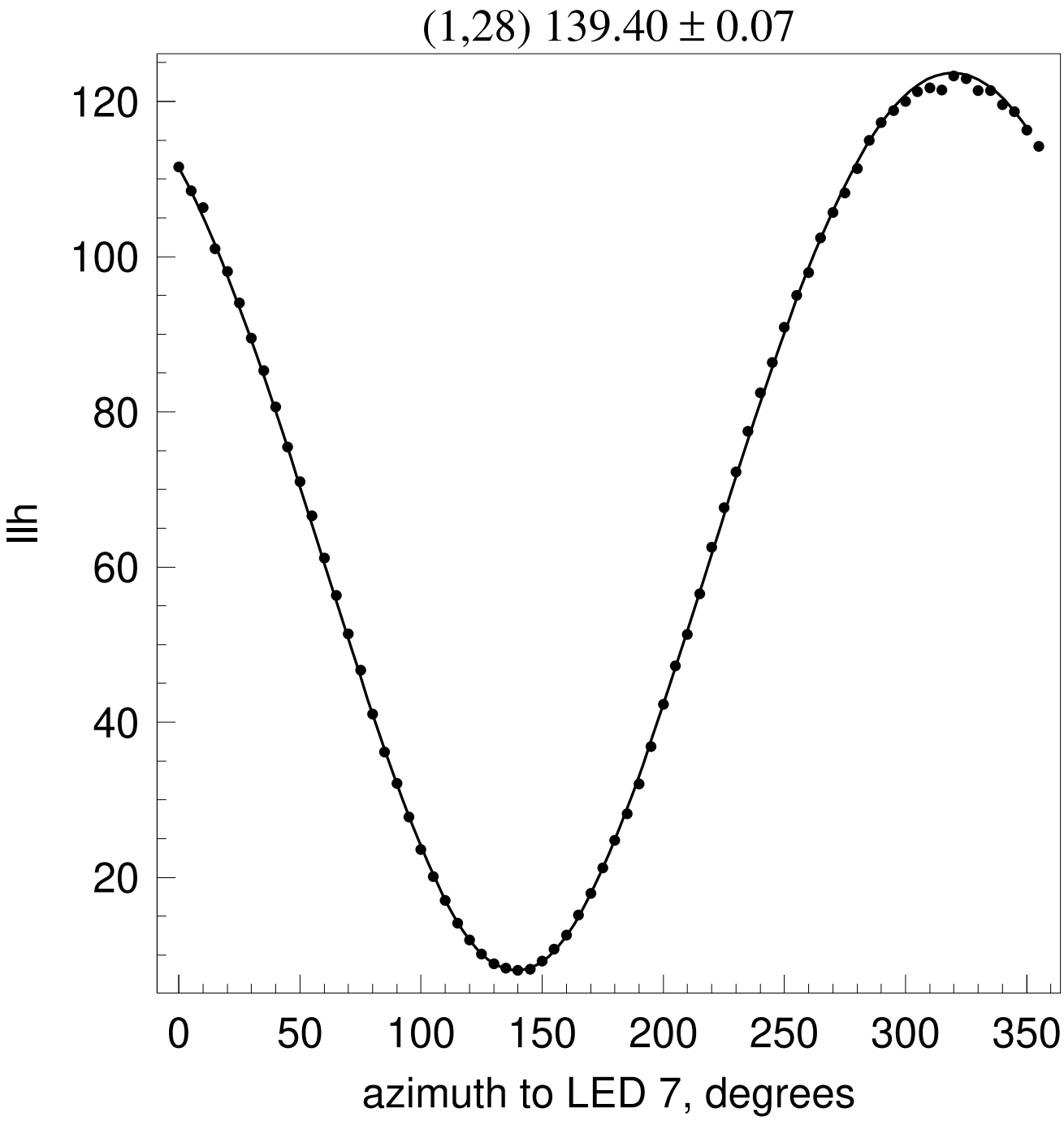

(1,23) 3.56 ± 0.10
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

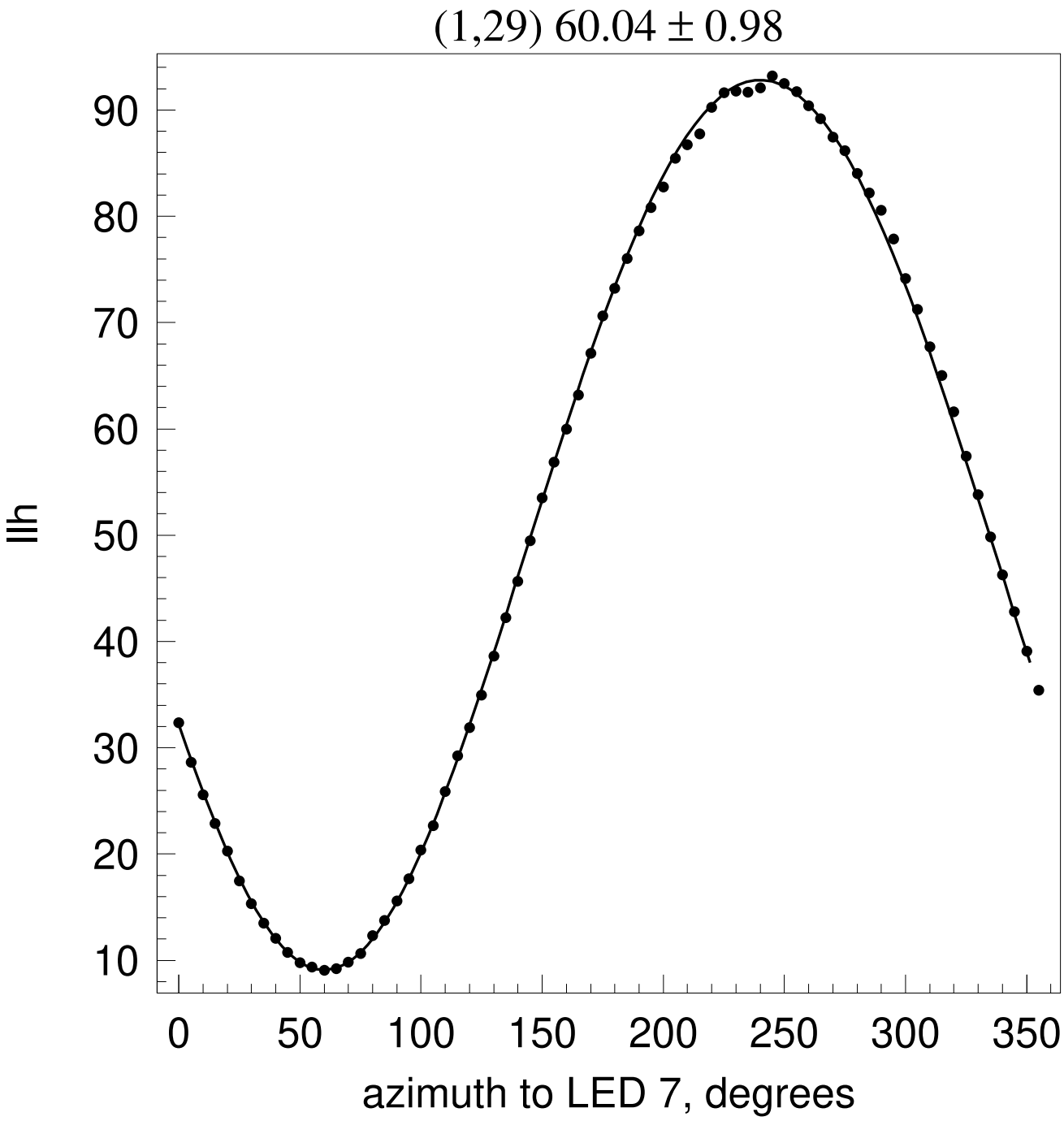

(1,24) 87.75 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

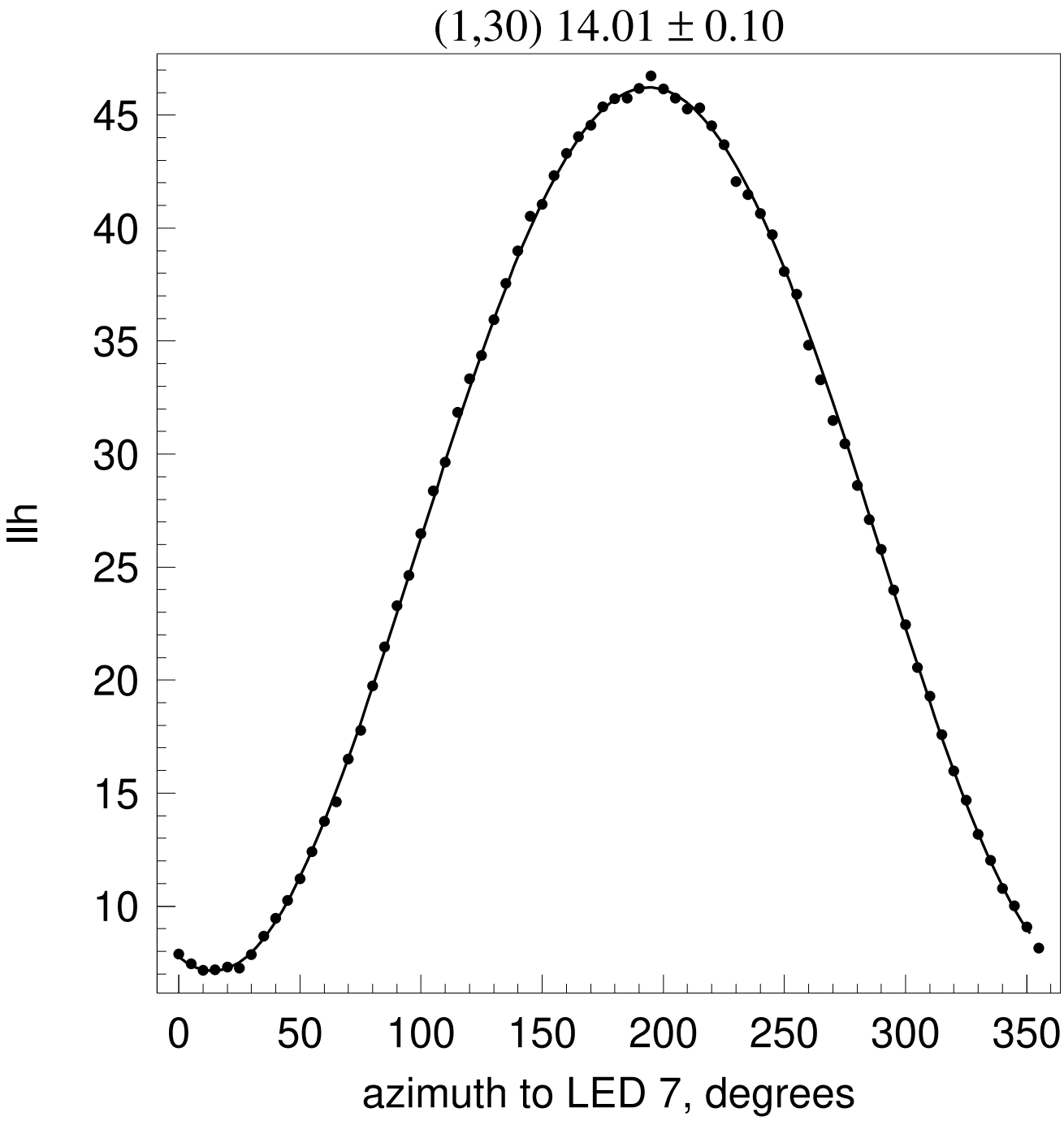

(1,25) 165.52 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

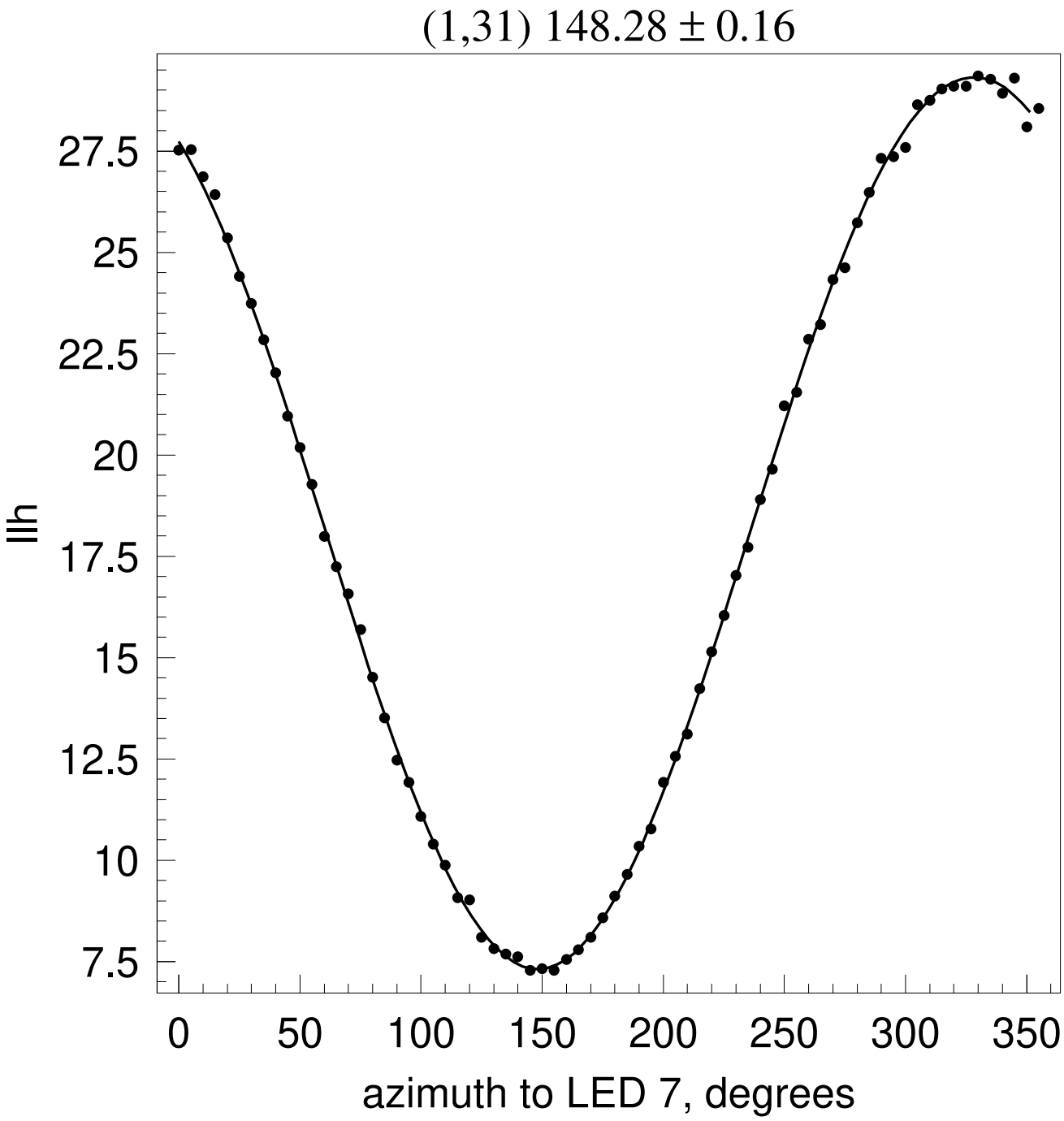

(1,26) 211.46 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

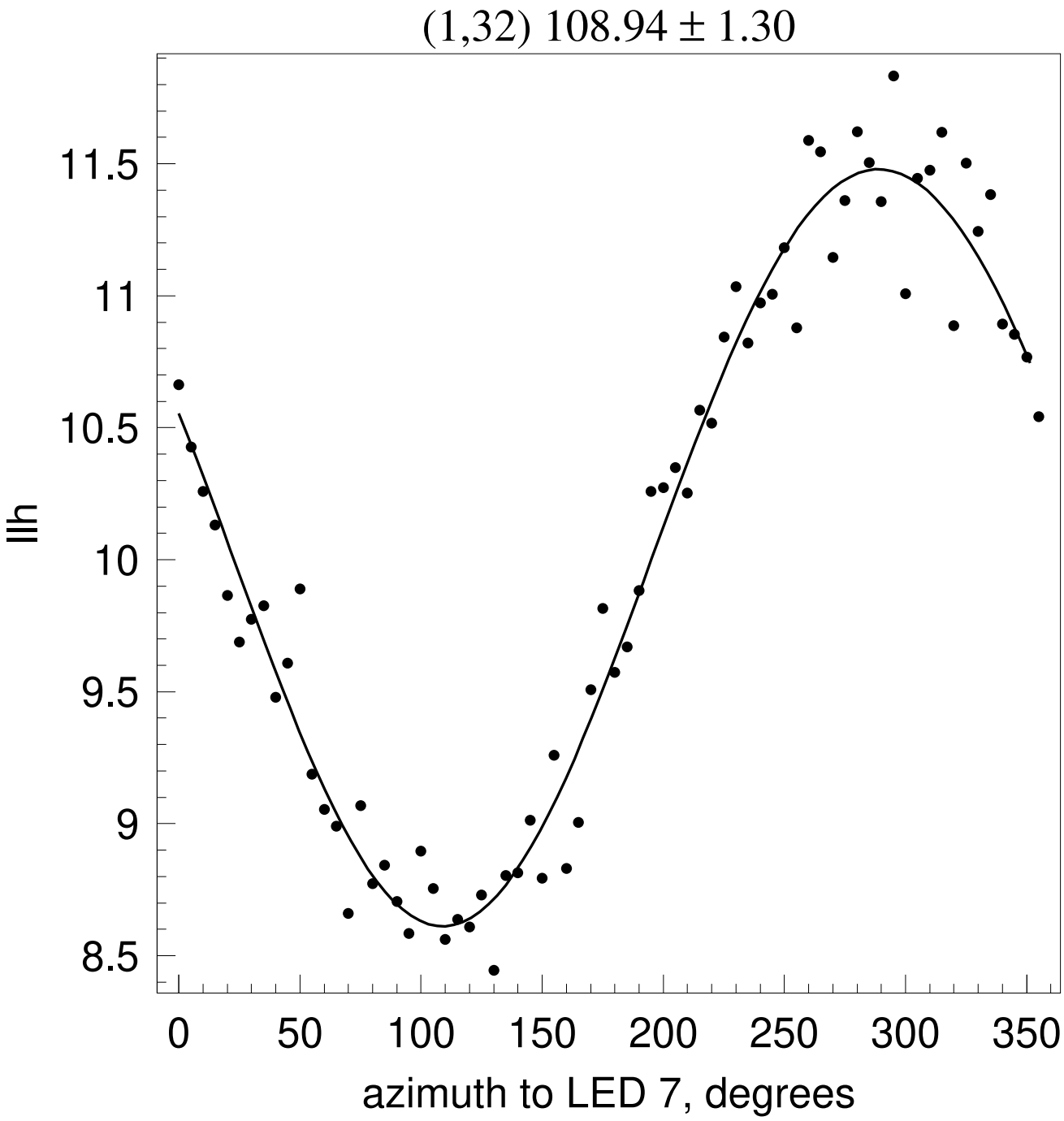

(1,27) 29.90 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

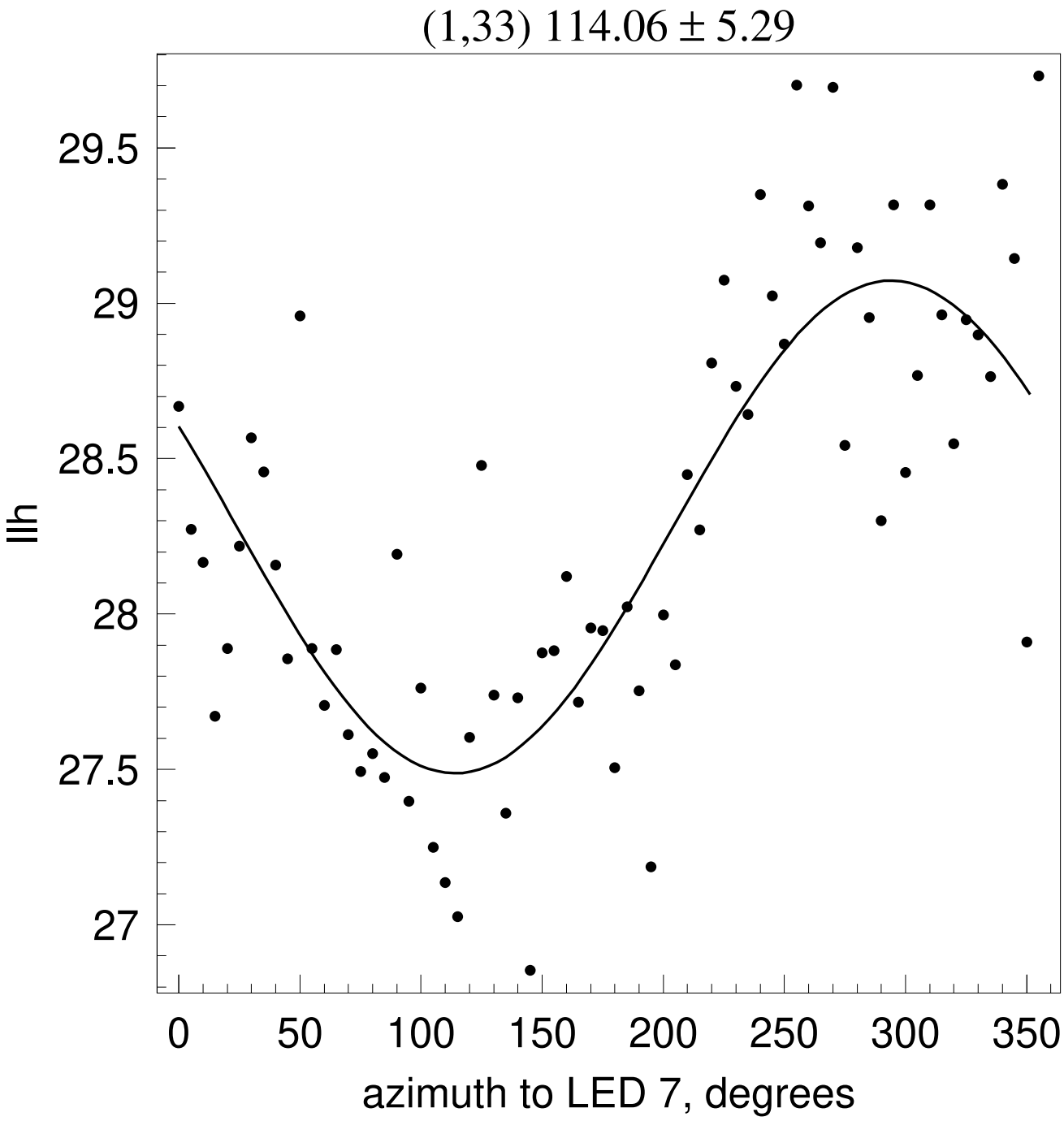

(1,28) 139.40 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

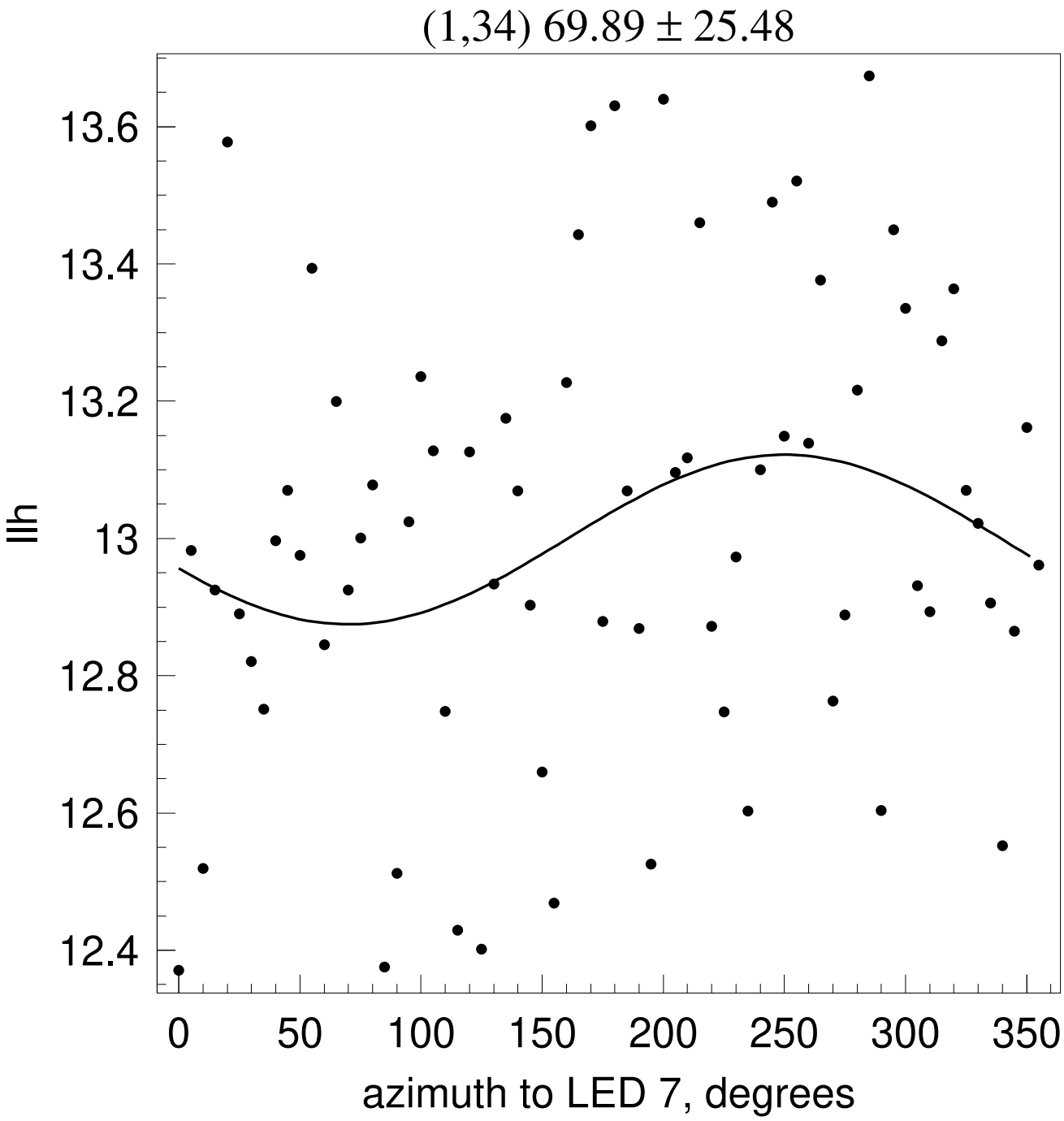

(1,29) 60.04 ± 0.98
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

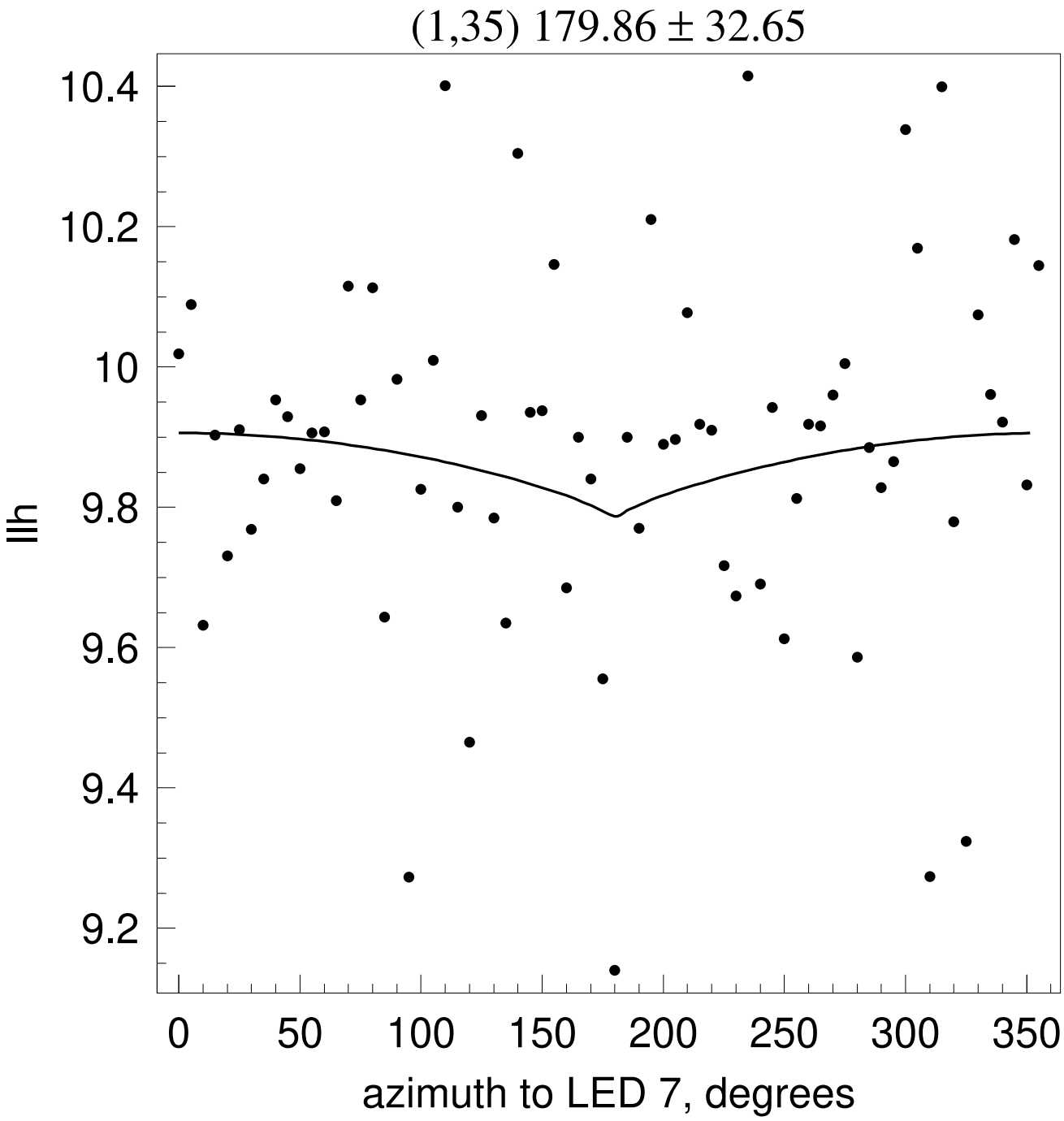

(1,30) 14.01 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

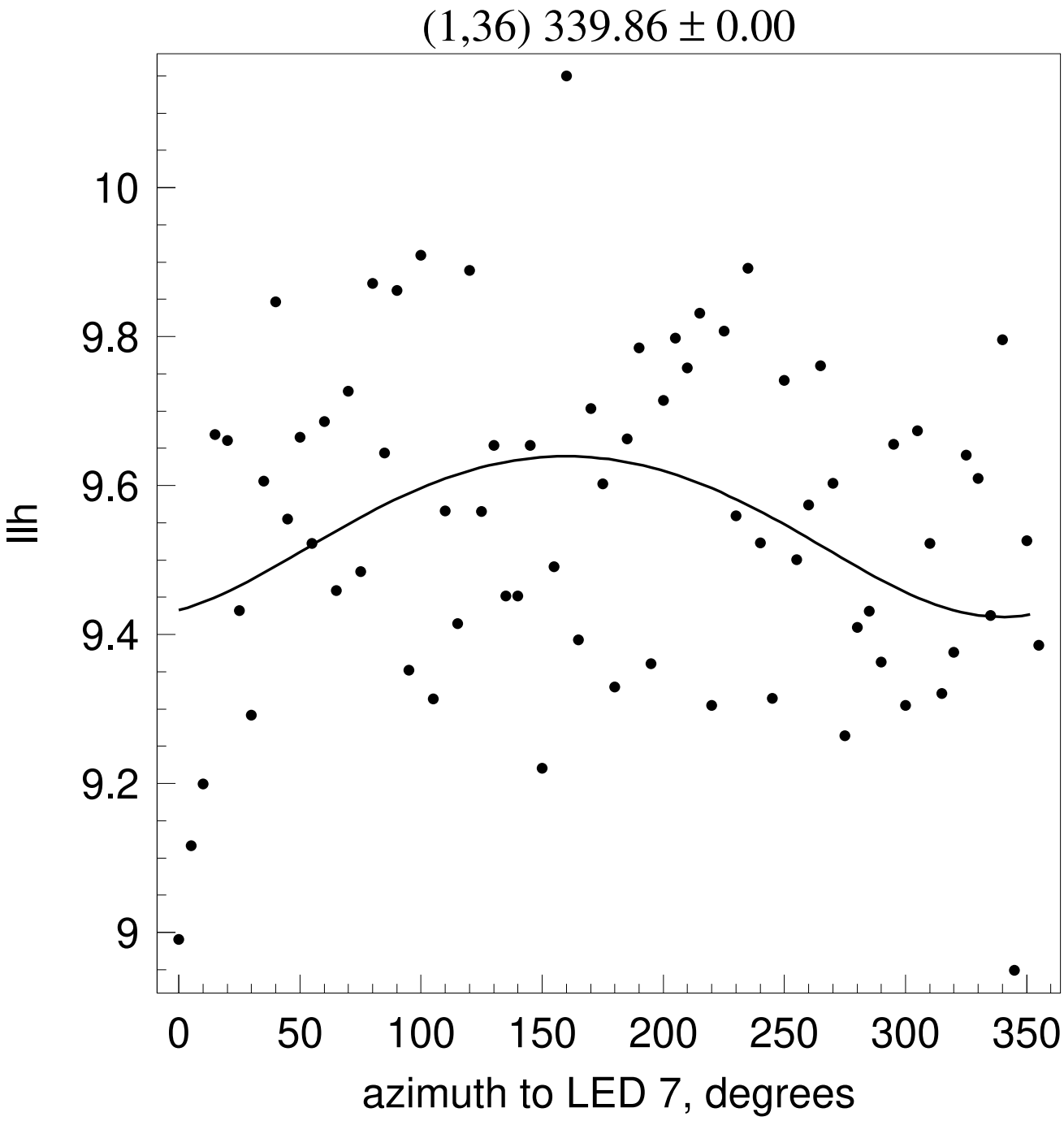

(1,31) 148.28 ± 0.16
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

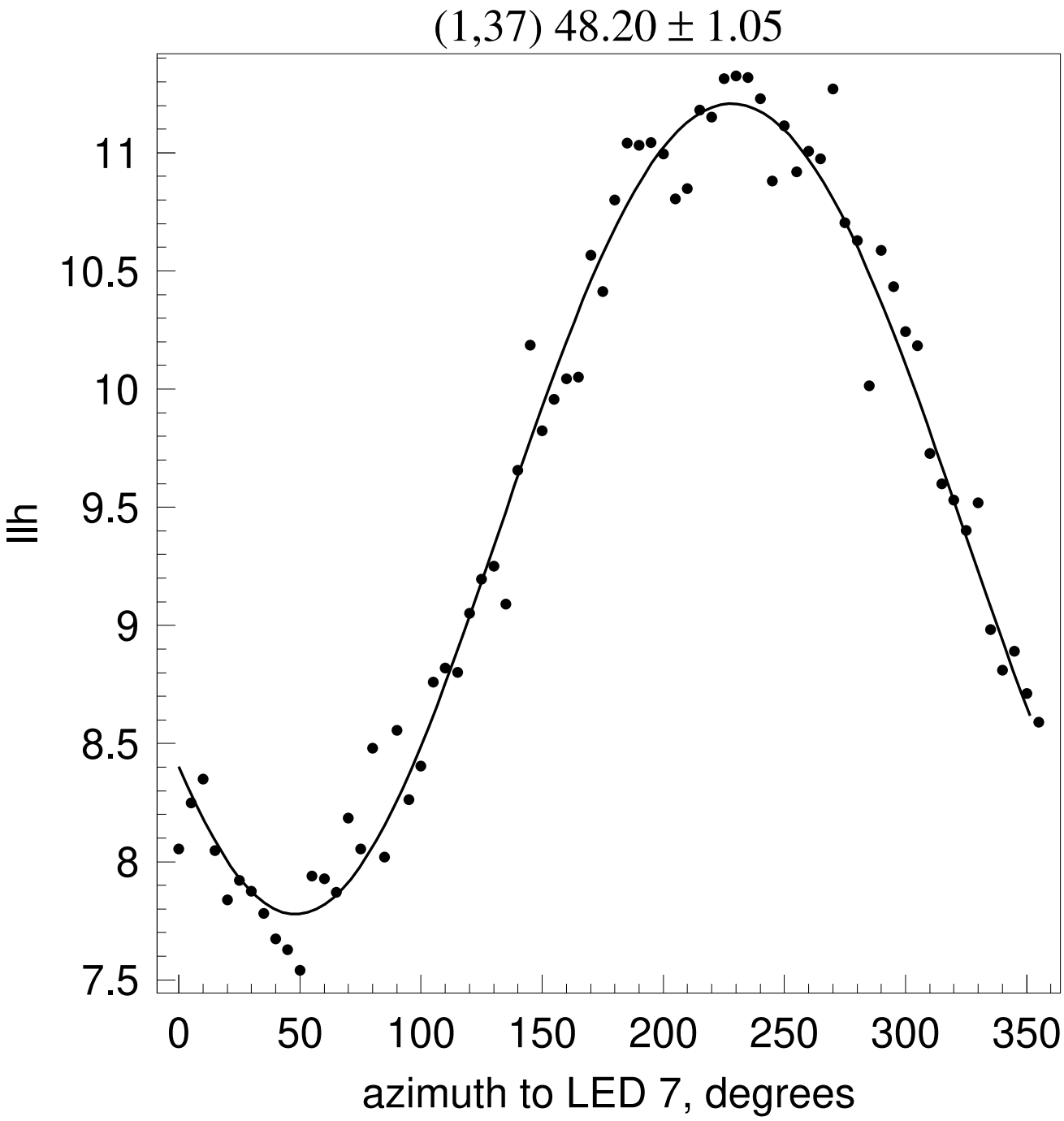

(1,32) 108.94 ± 1.30
11.5
11
10.5
10
9.5
9
8.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

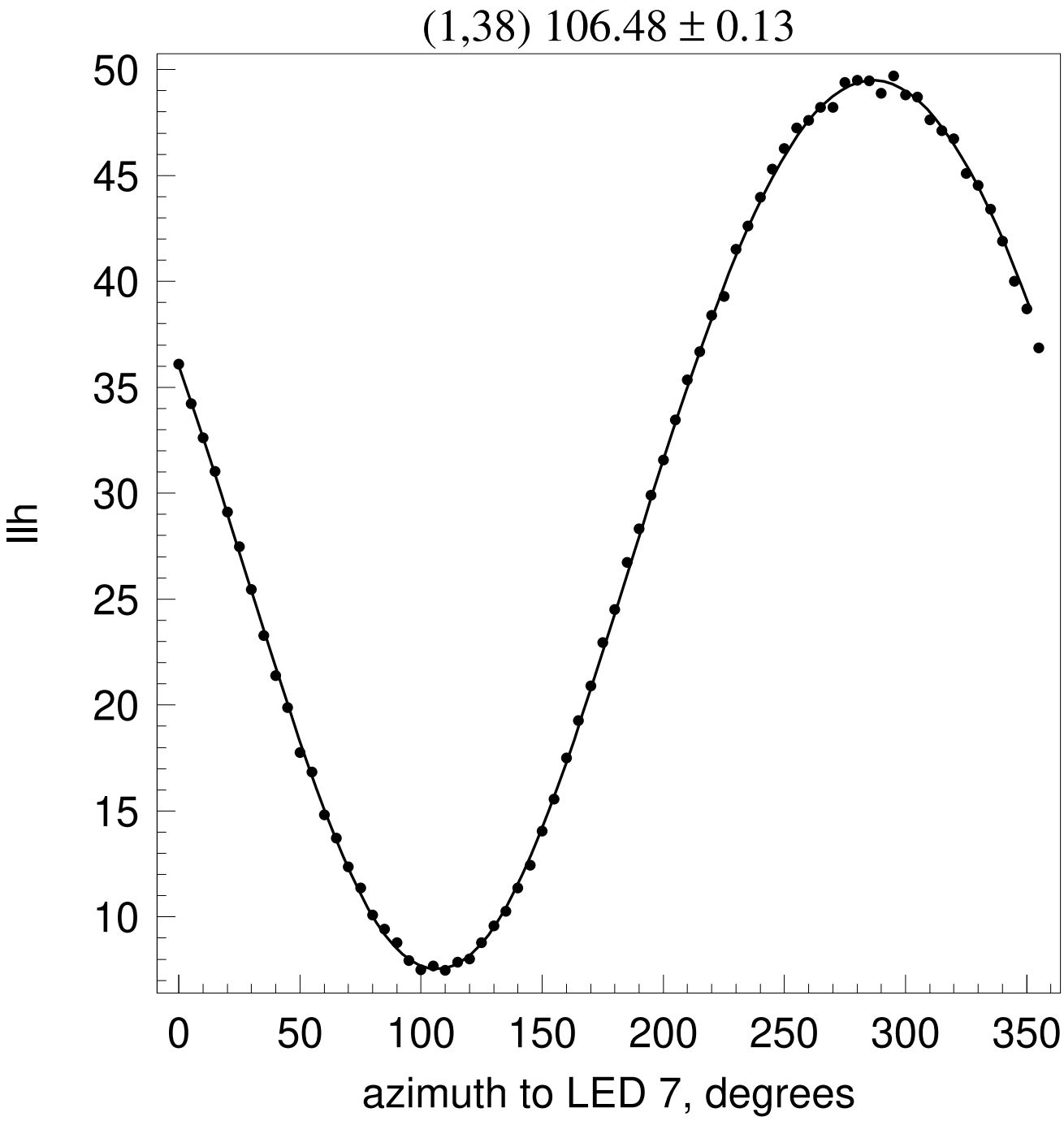

(1,33) 114.06 ± 5.29
29.5
29
28.5
28
27.5
27
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

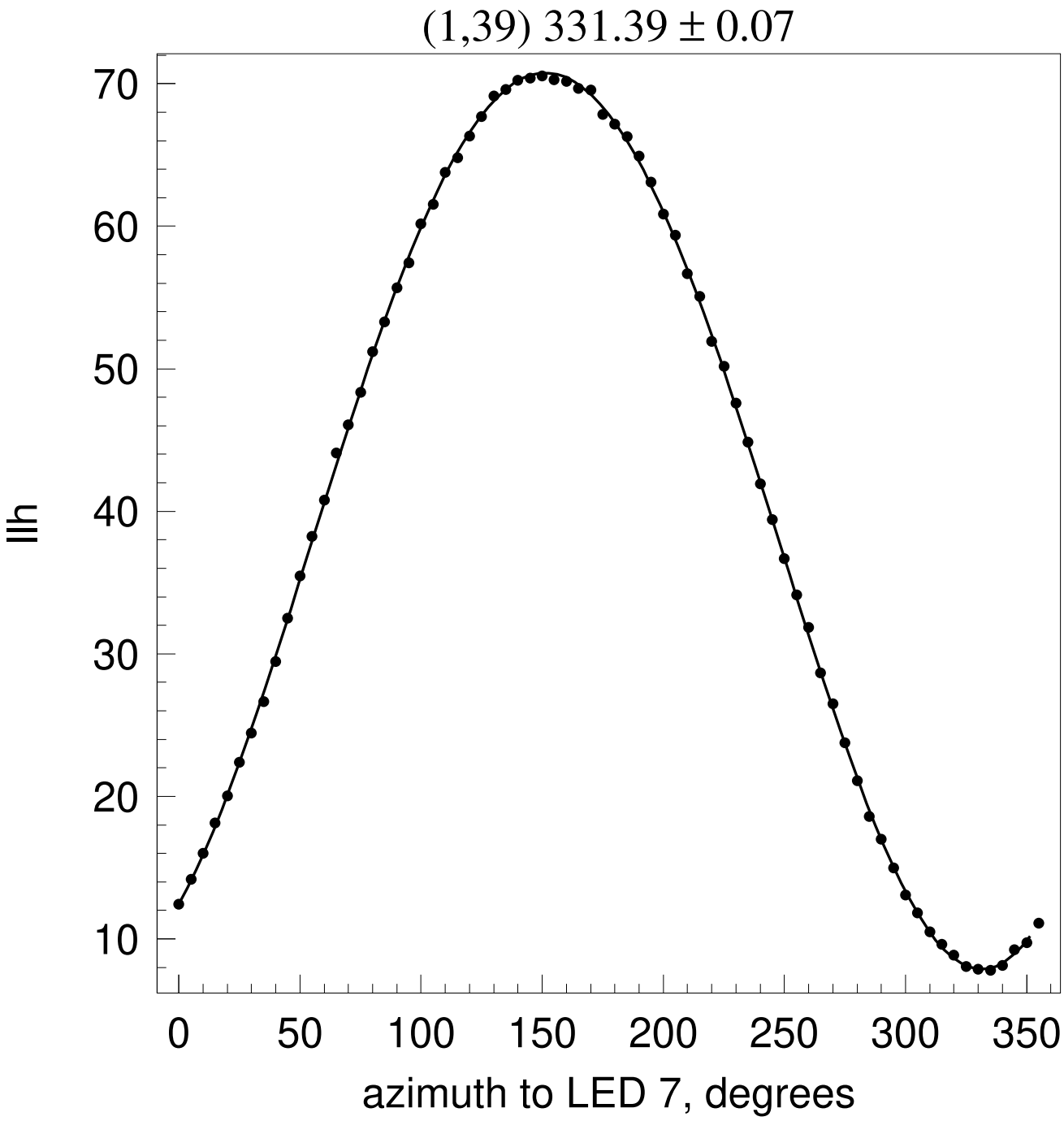

(1,34) 69.89 ± 25.48
13.6
13.4
13.2
13
12.8
12.6
12.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

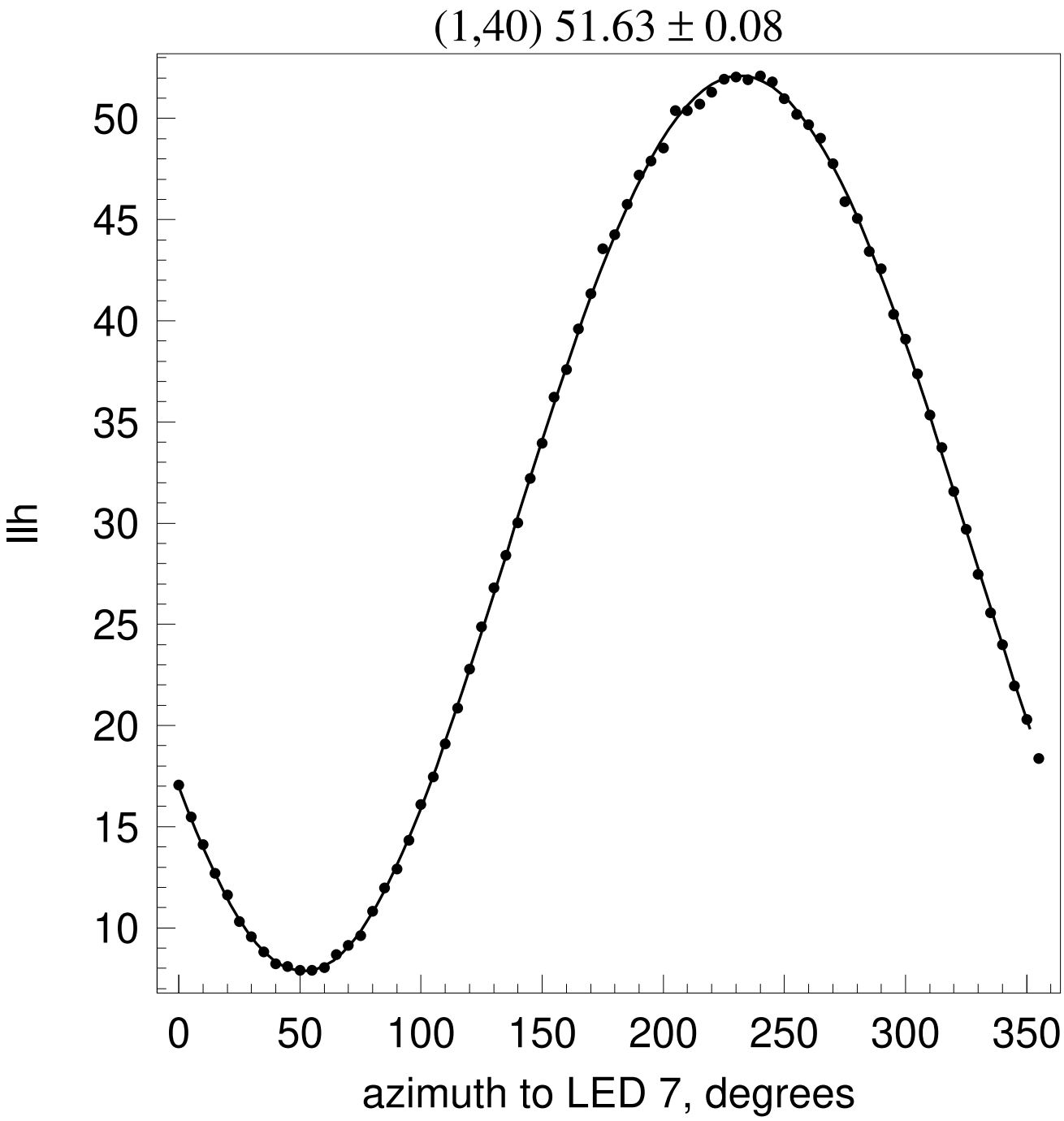

(1,35) 179.86 ± 32.65
10.4
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

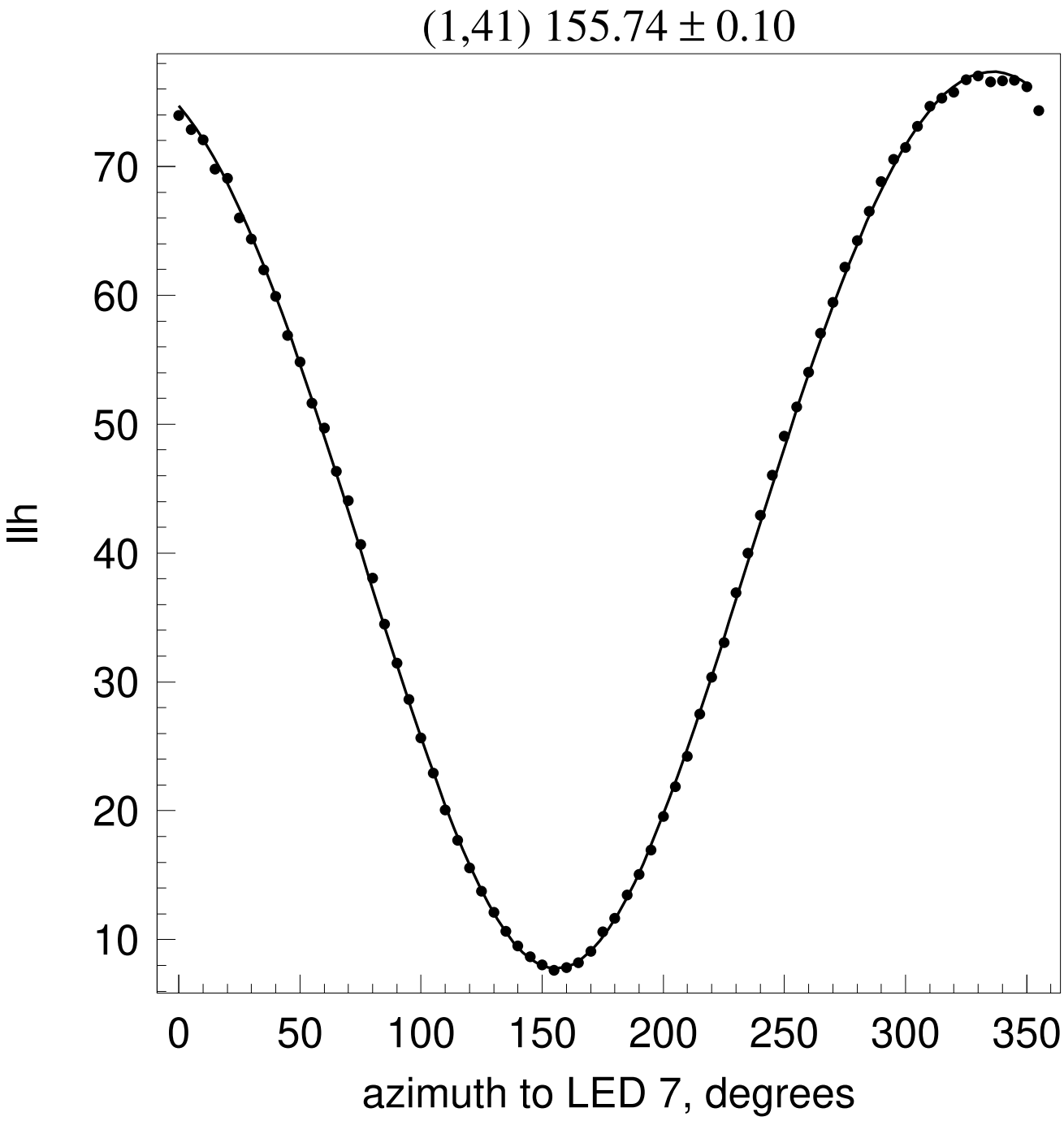

(1,36) 339.86 ± 0.00
10
9.8
9.6
9.4
9.2
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

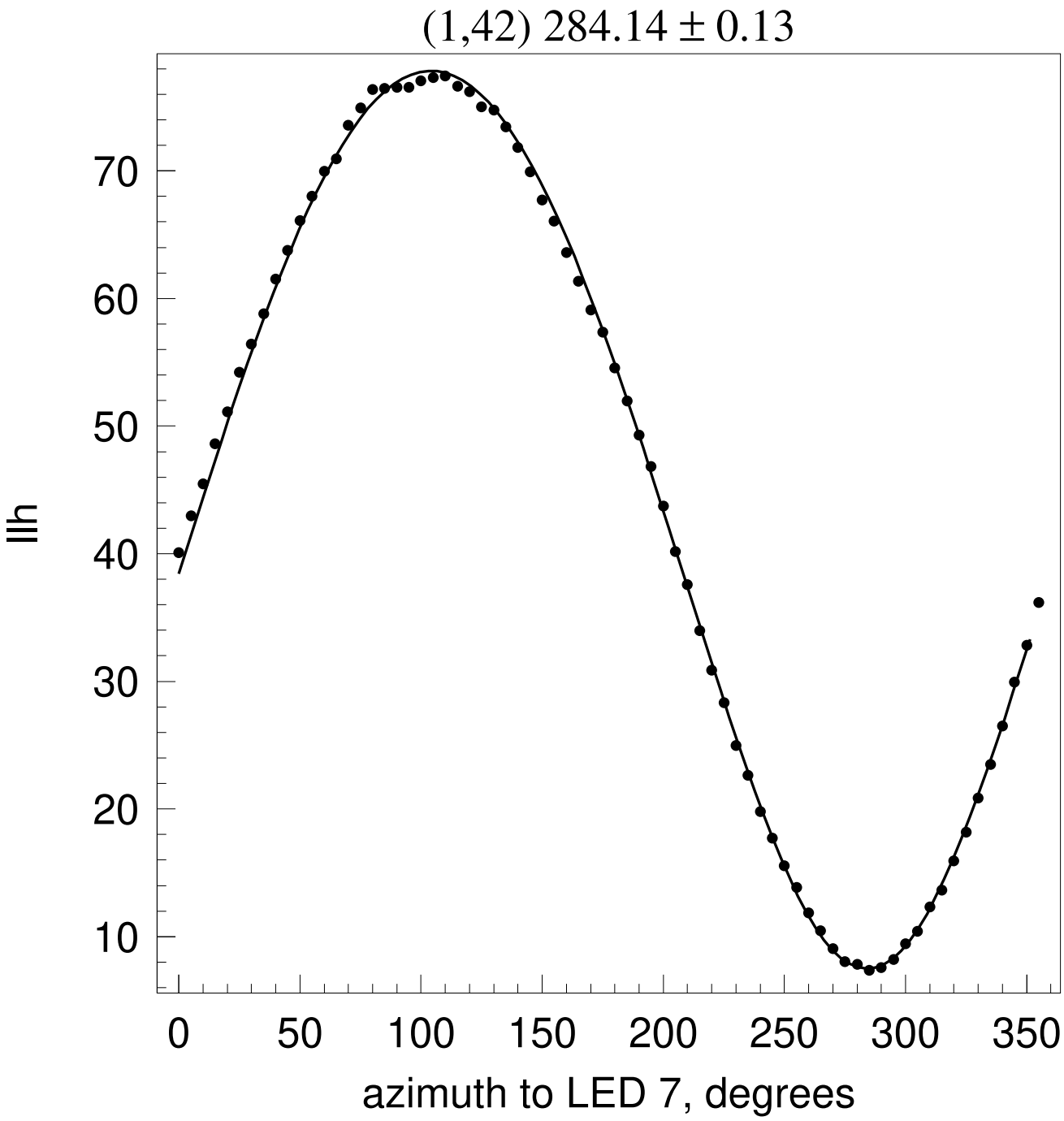

(1,37) 48.20 ± 1.05
11
10.5
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

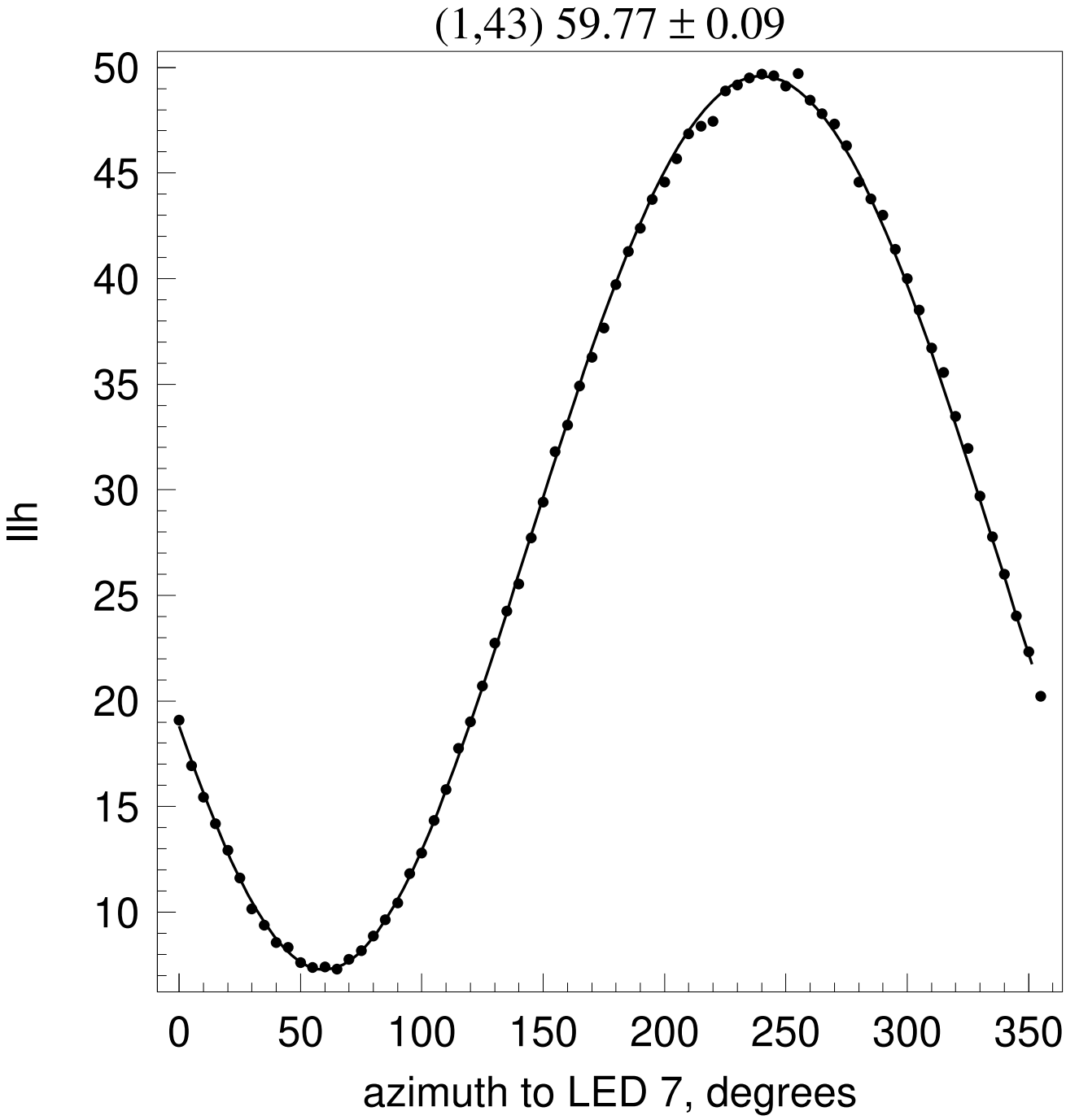

(1,38) 106.48 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

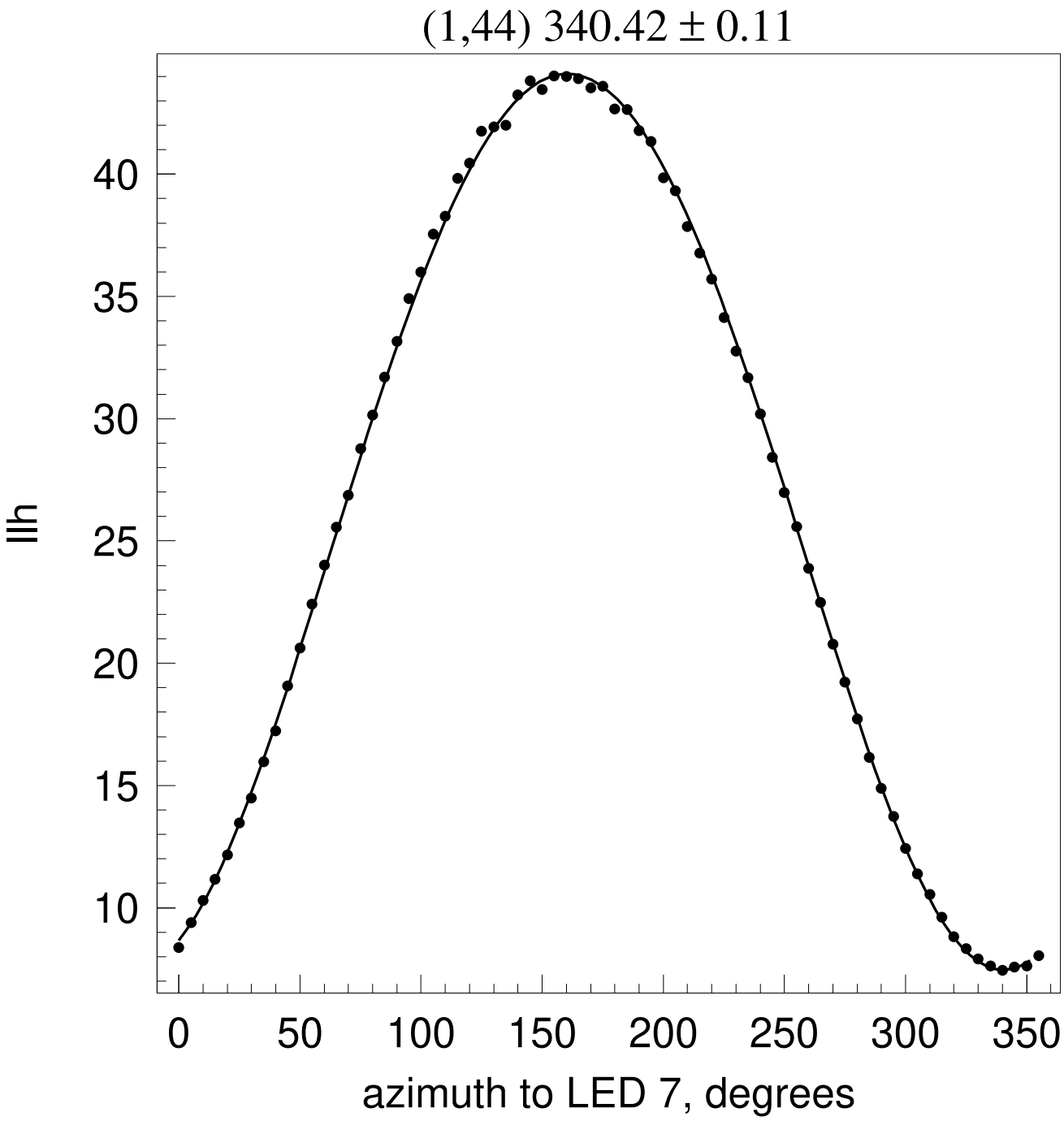

(1,39) 331.39 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

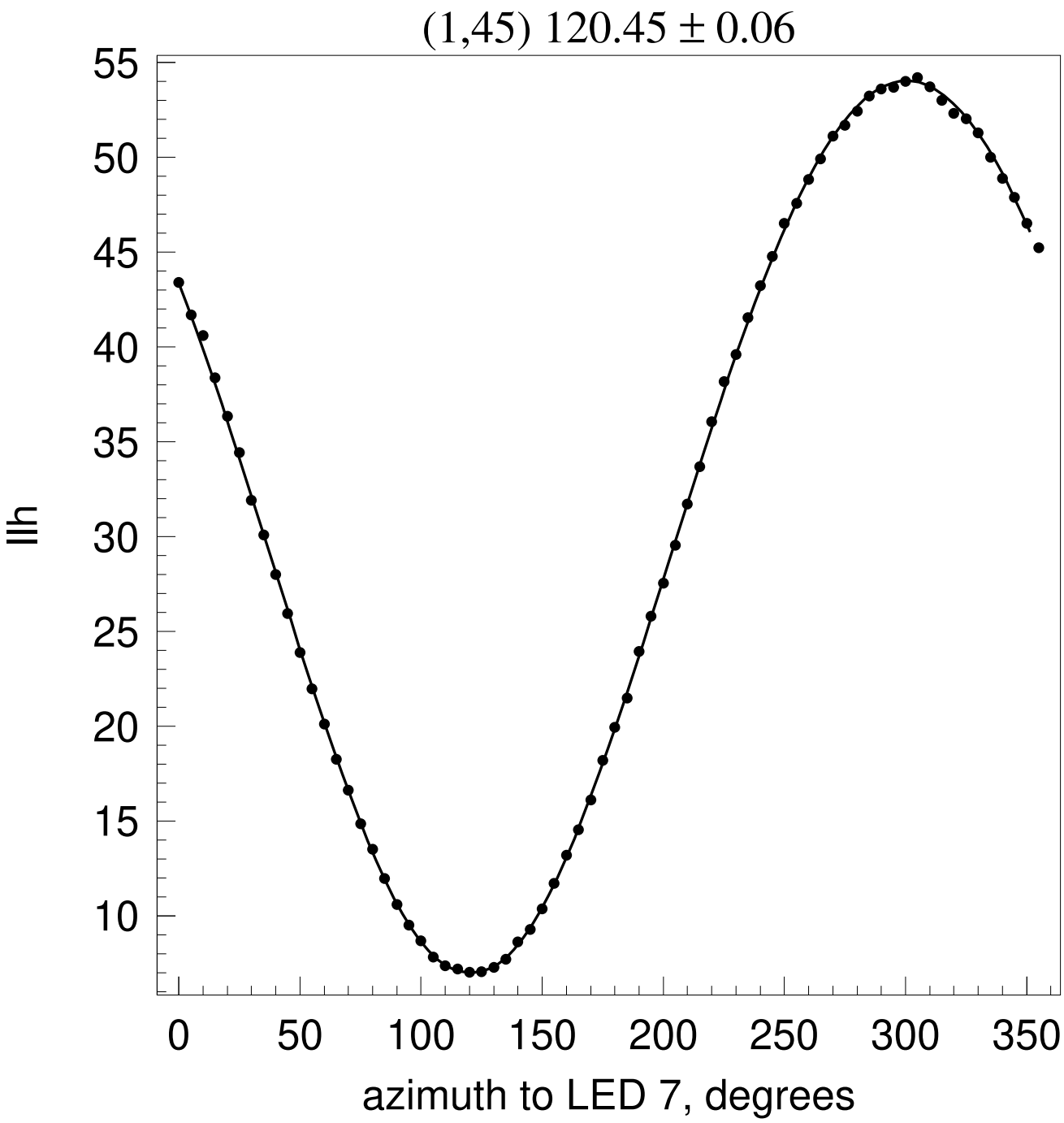

(1,40) 51.63 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

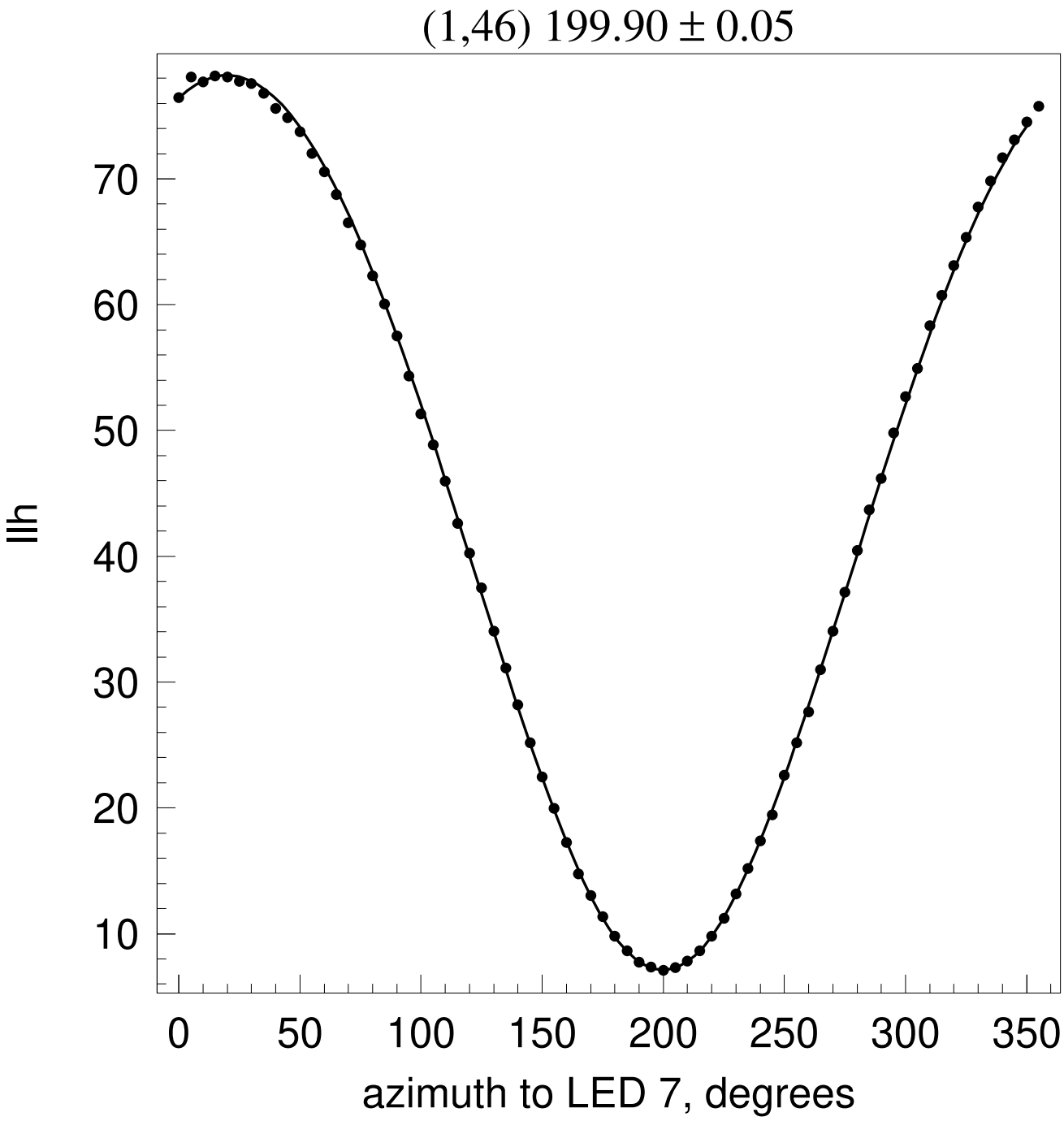

(1,41) 155.74 ± 0.10
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

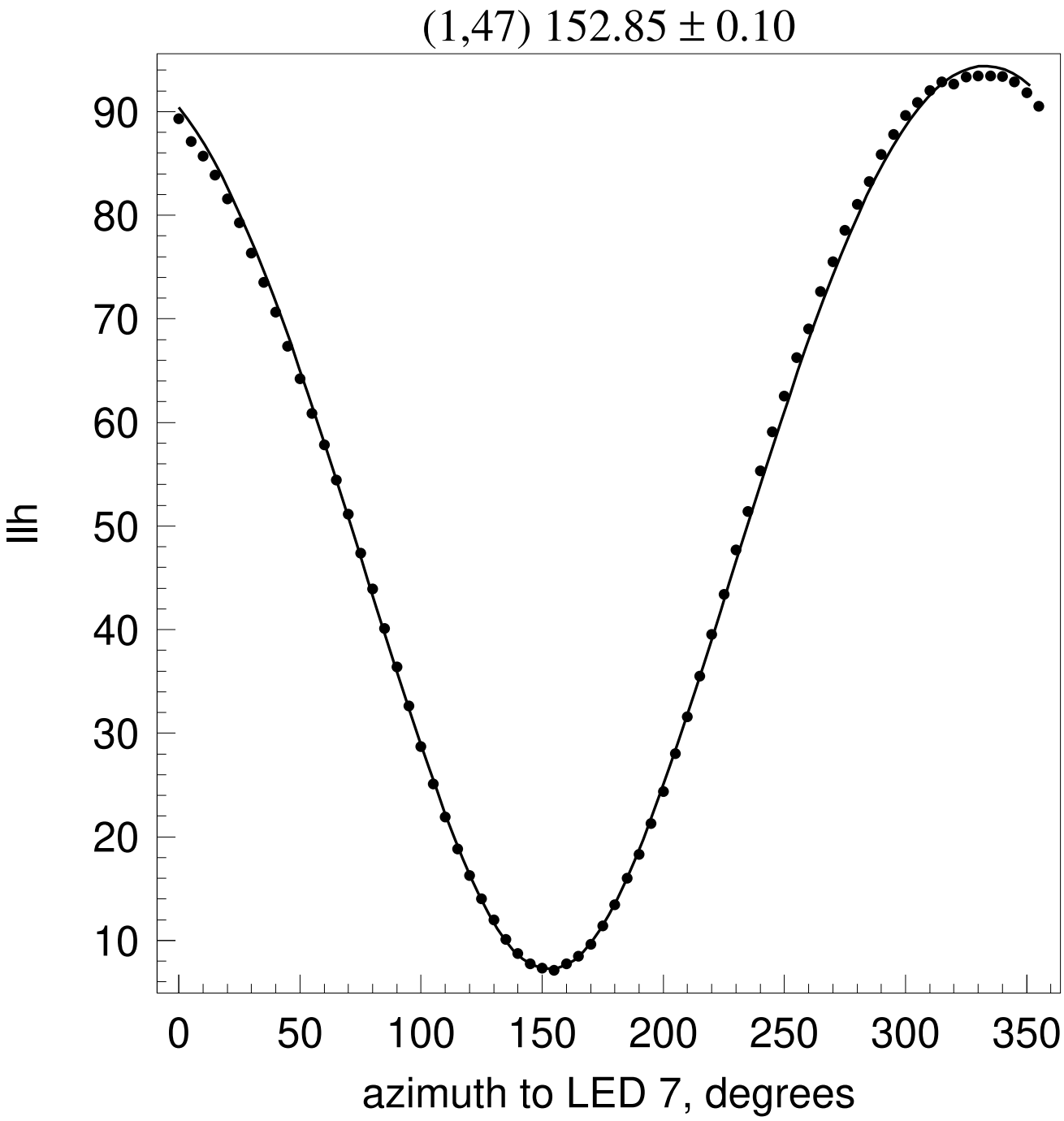

(1,42) 284.14 ± 0.13
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

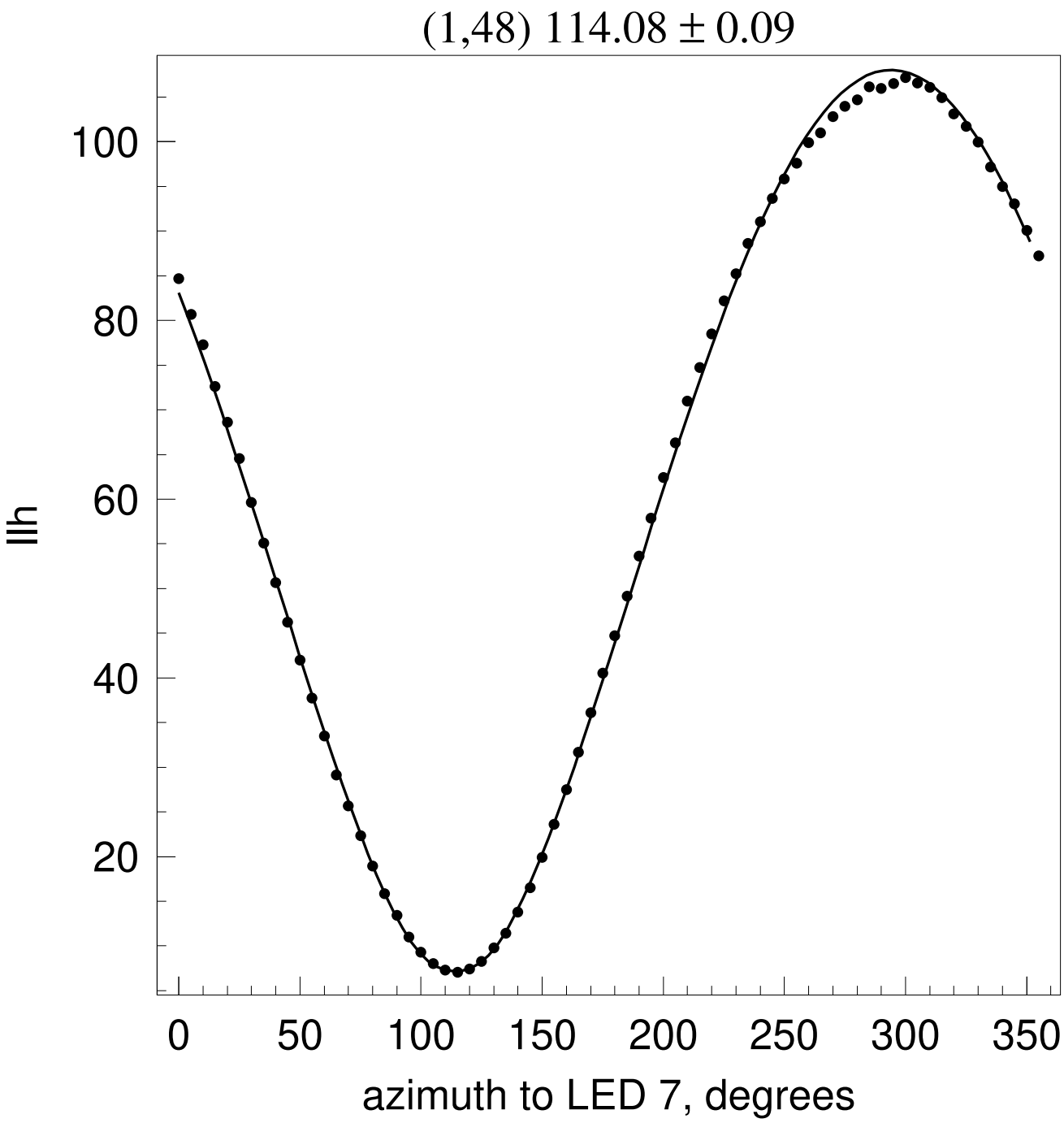

(1,43) 59.77 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

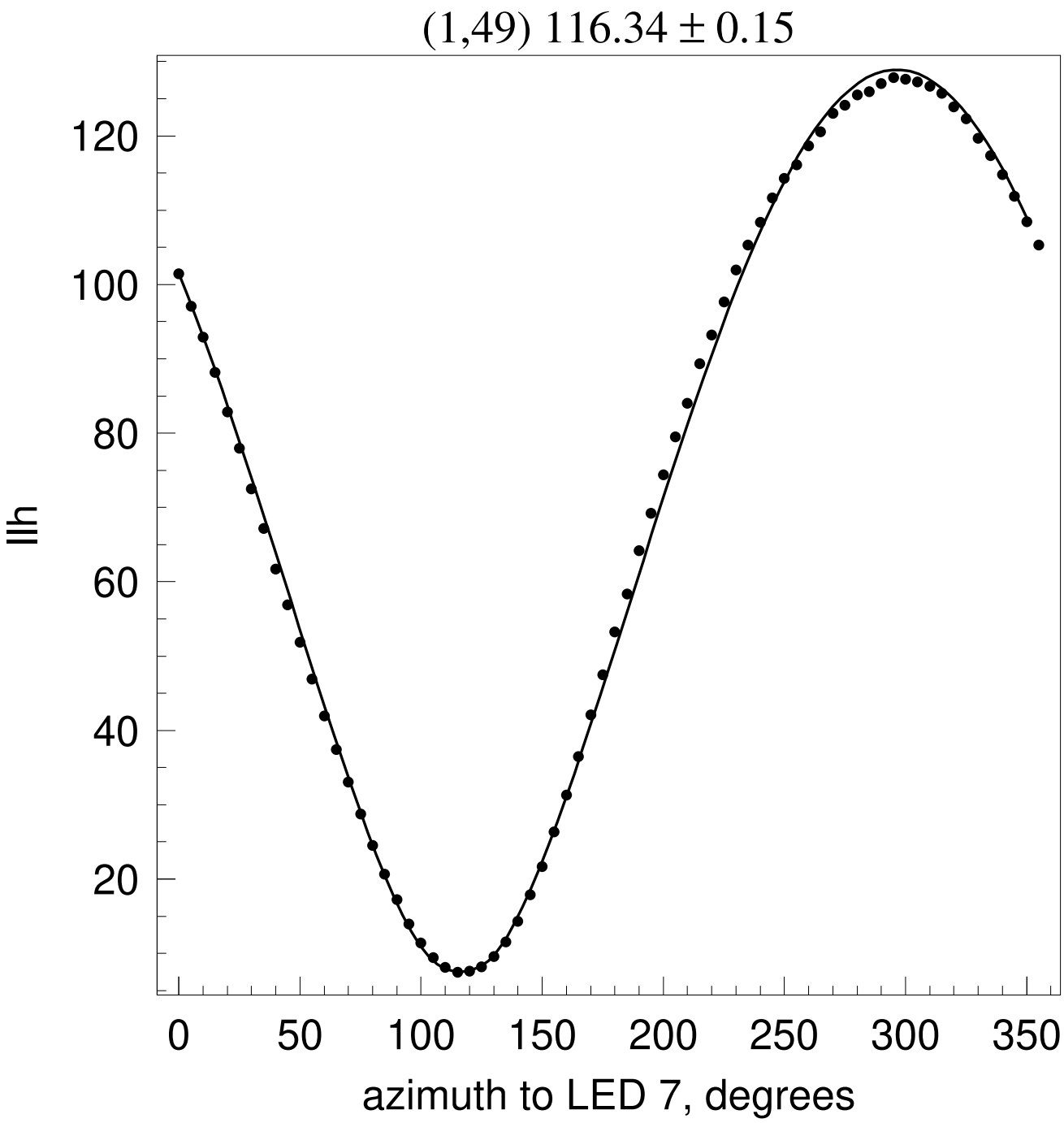

(1,44) 340.42 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

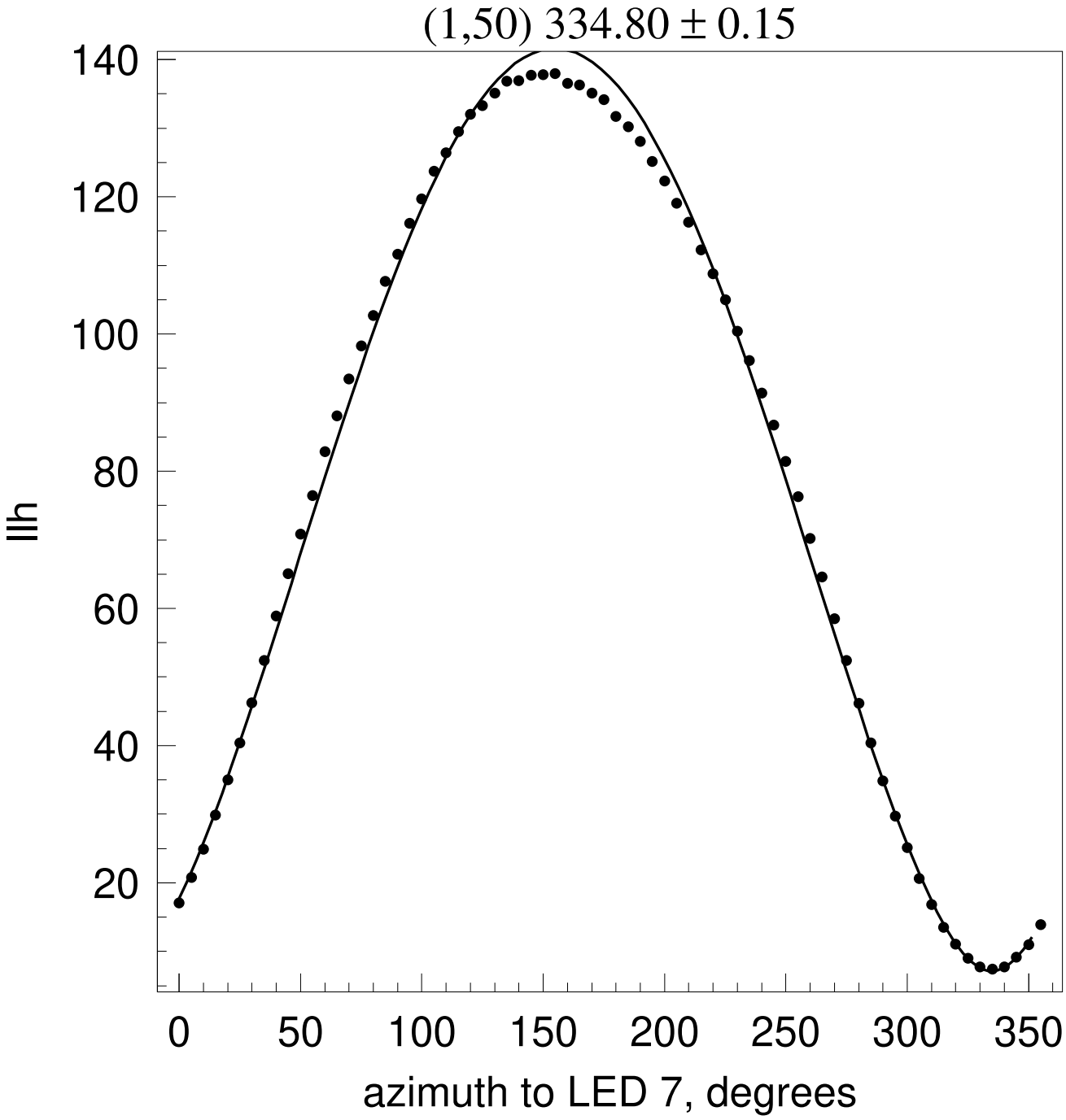

(1,45) 120.45 ± 0.06
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

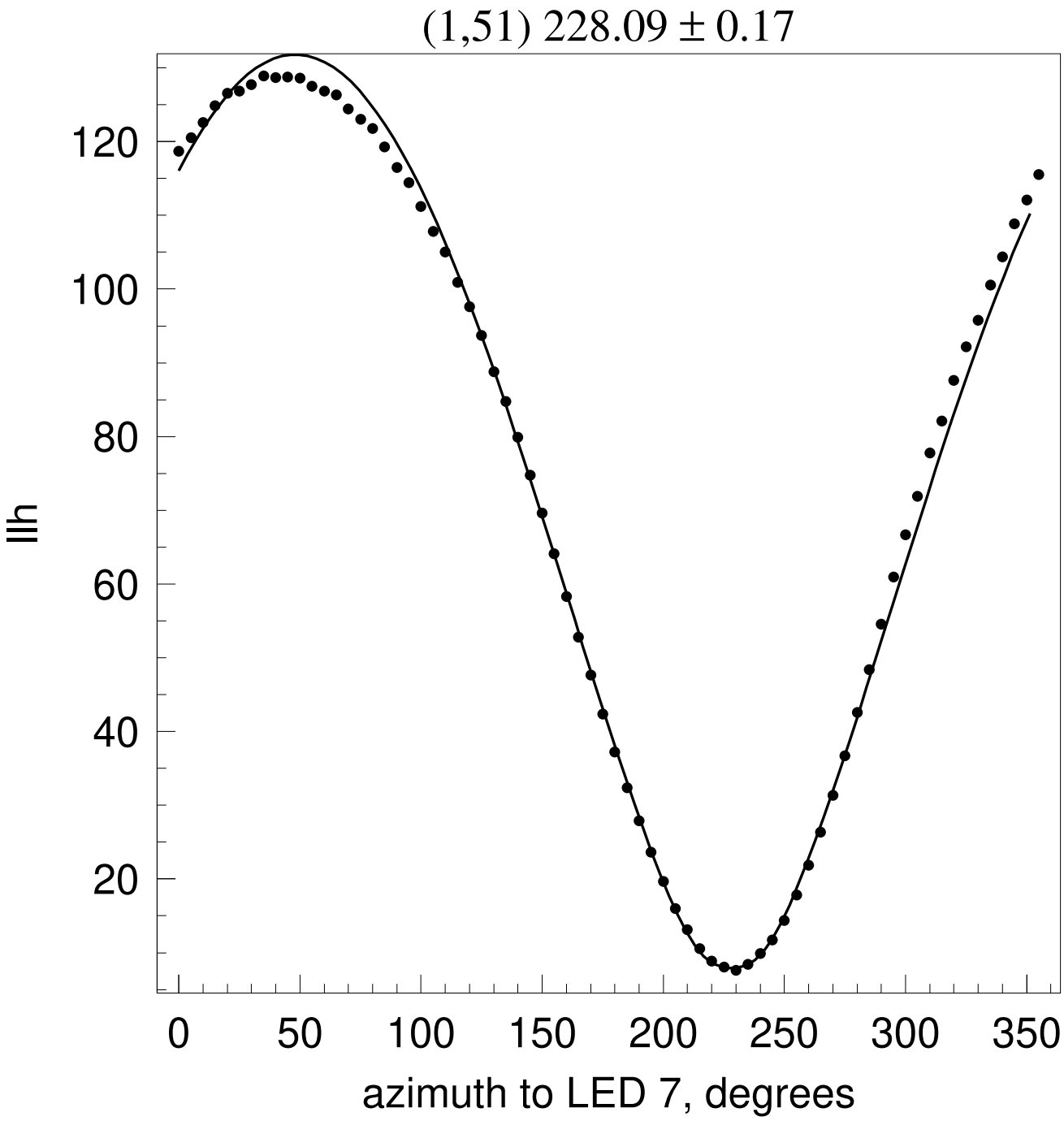

(1,46) 199.90 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

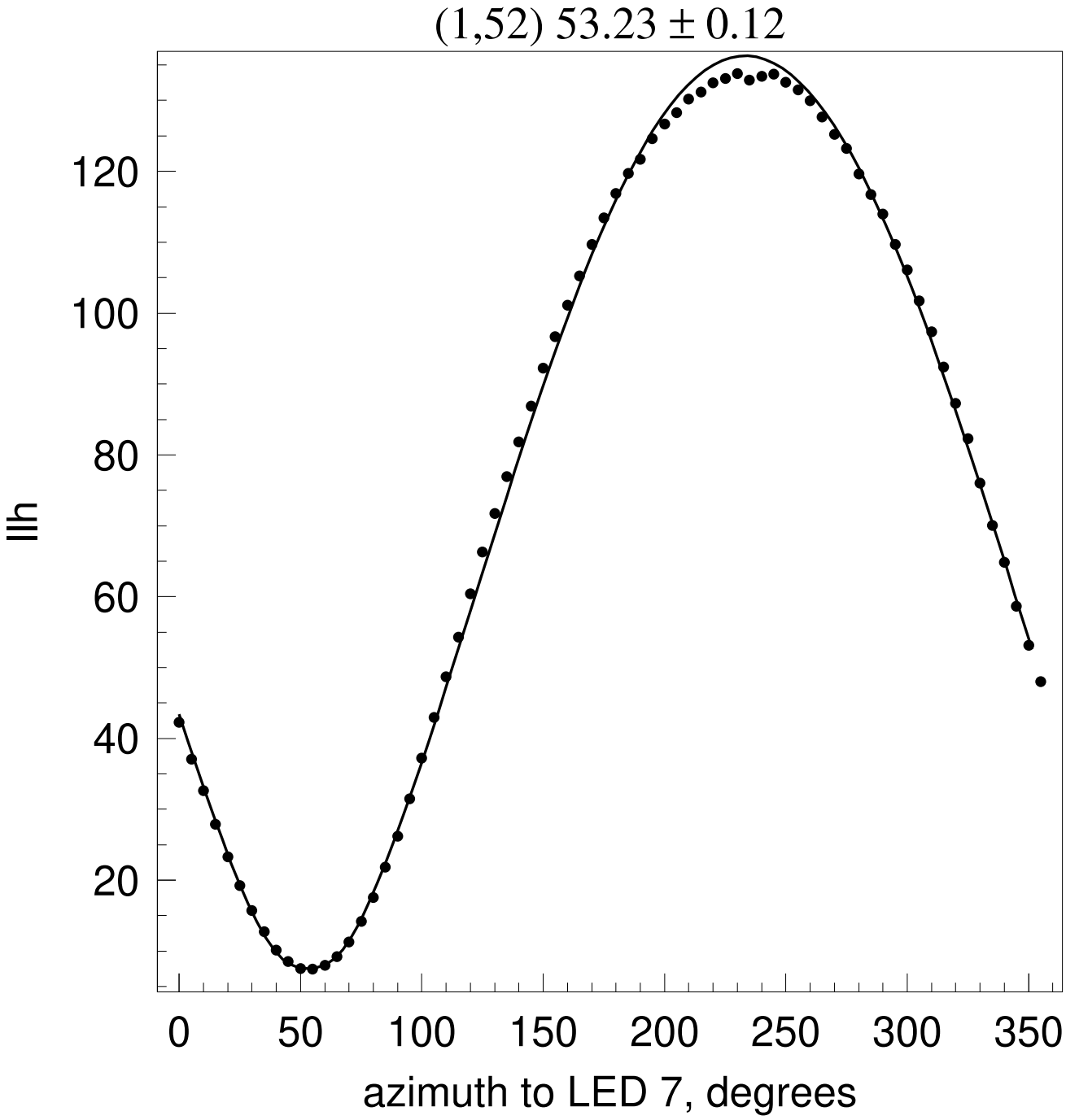

(1,47) 152.85 ± 0.10
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

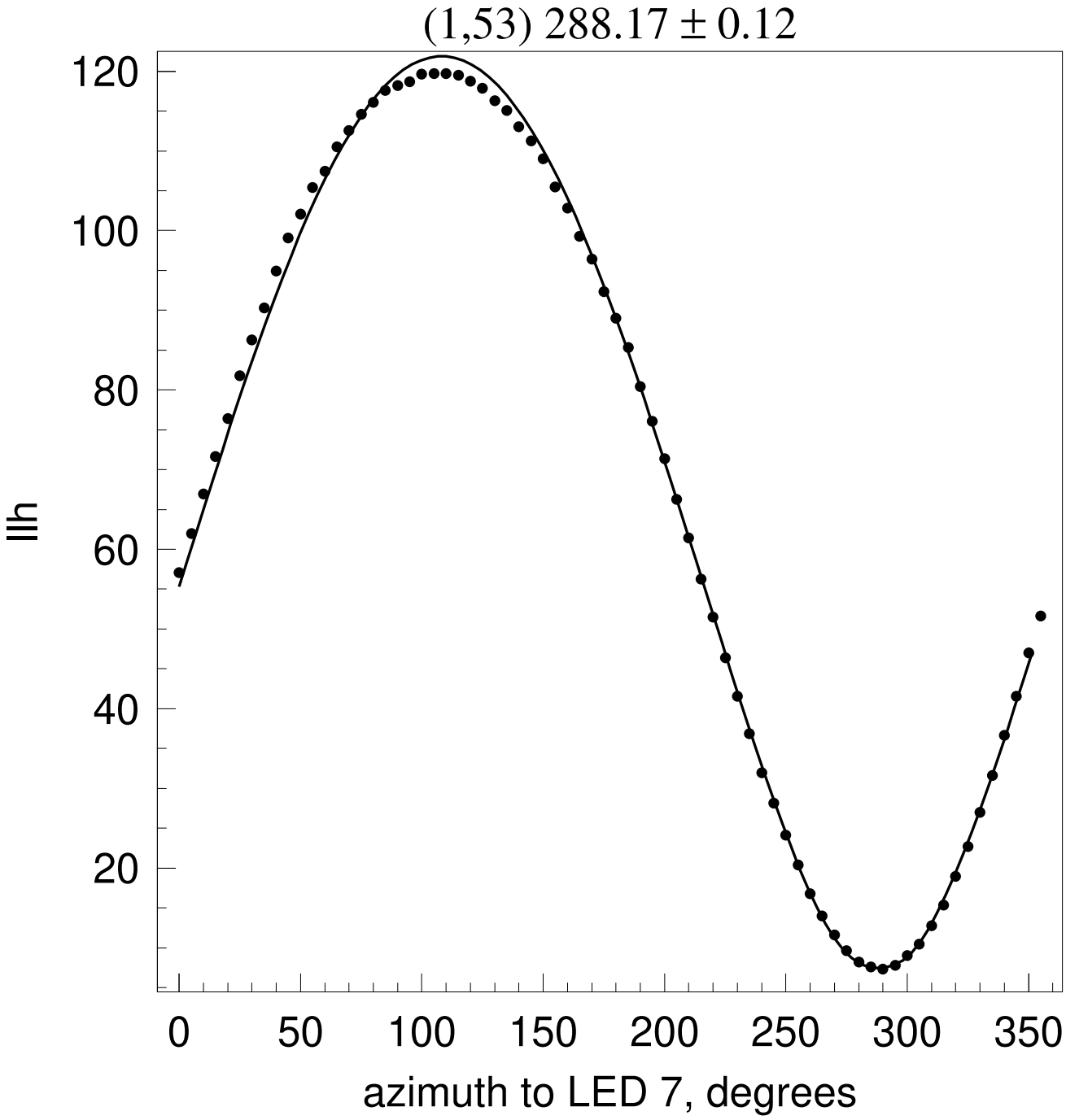

(1,48) 114.08 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

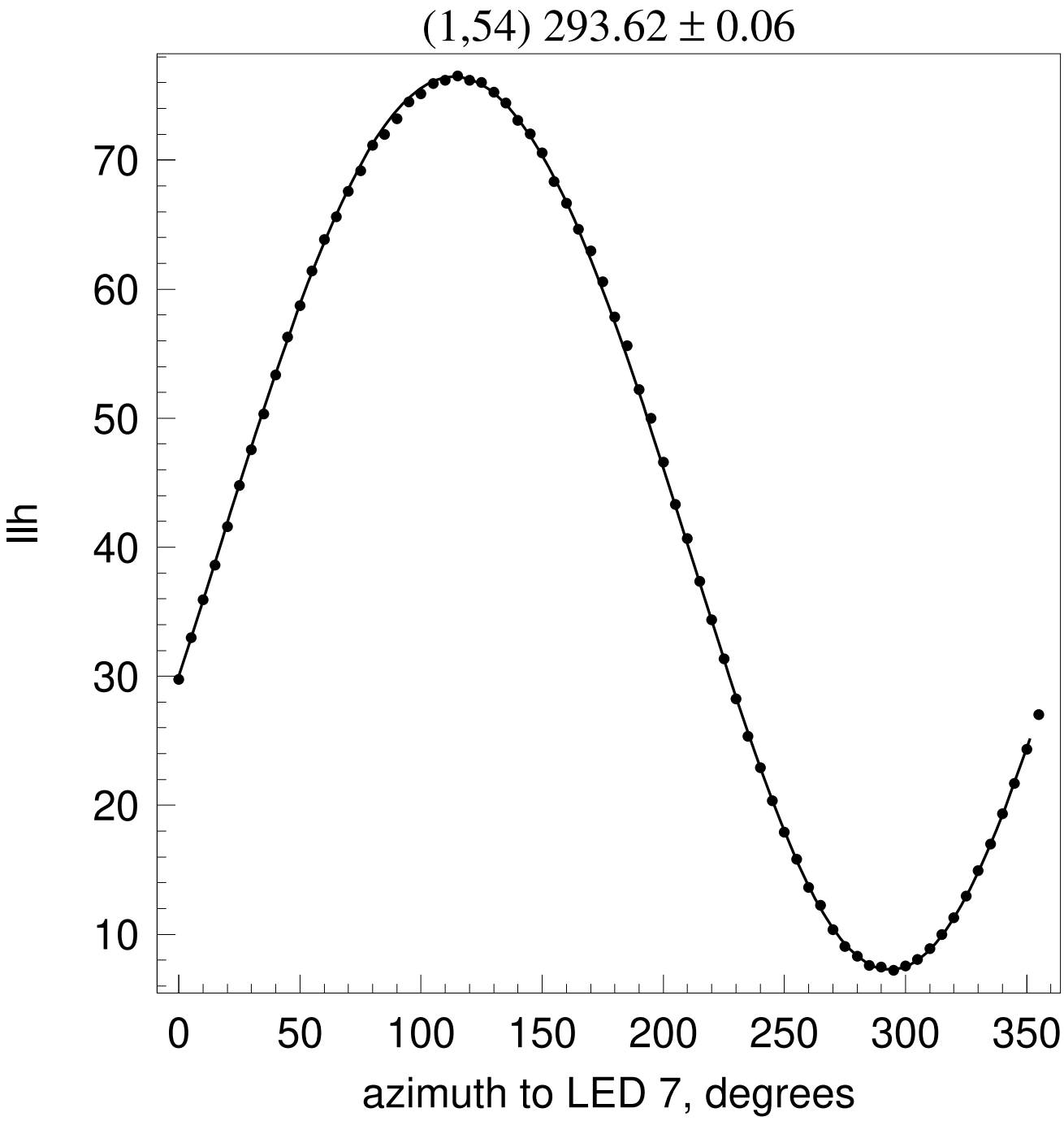

(1,49) 116.34 ± 0.15
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

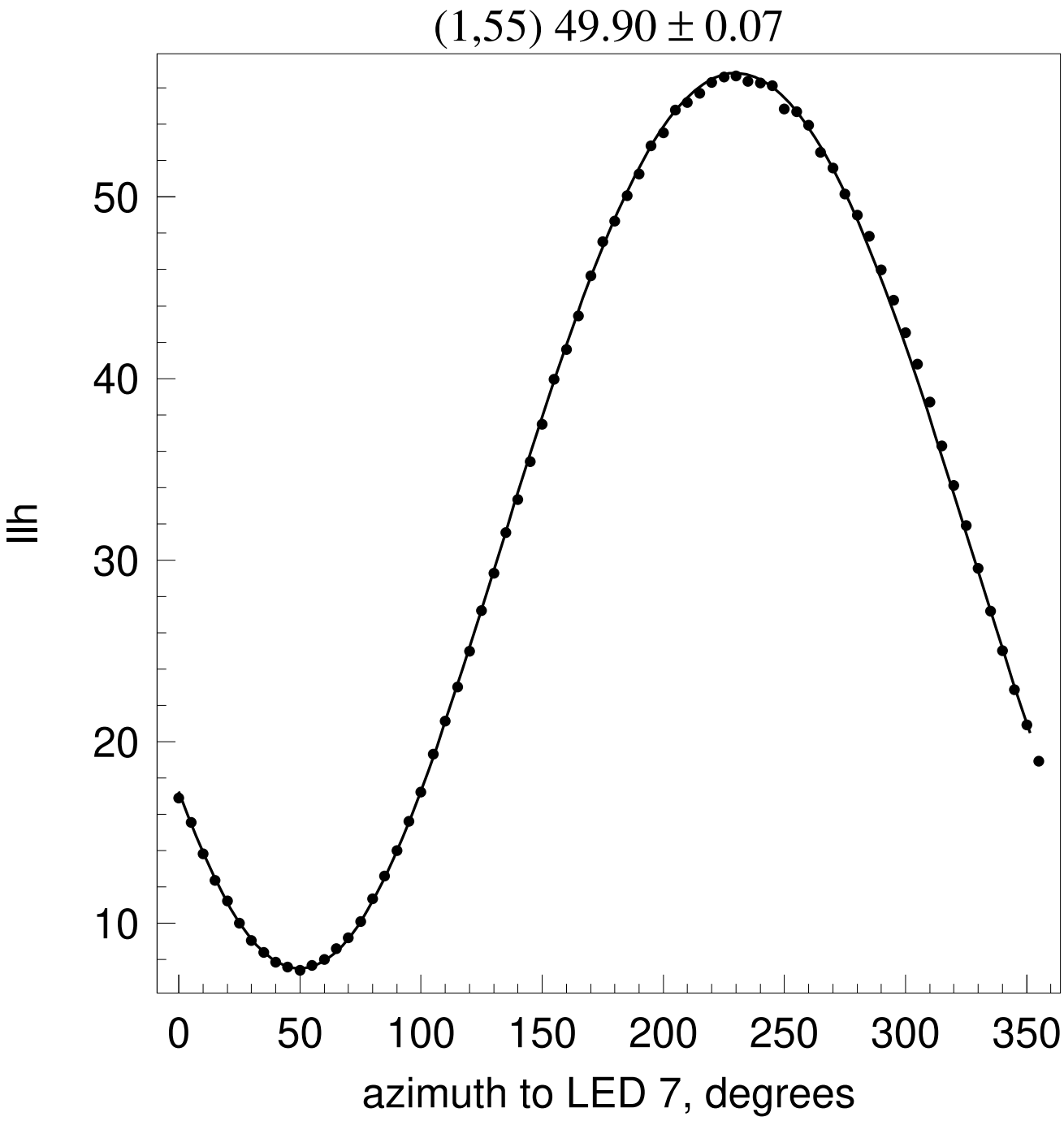

(1,50) 334.80 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

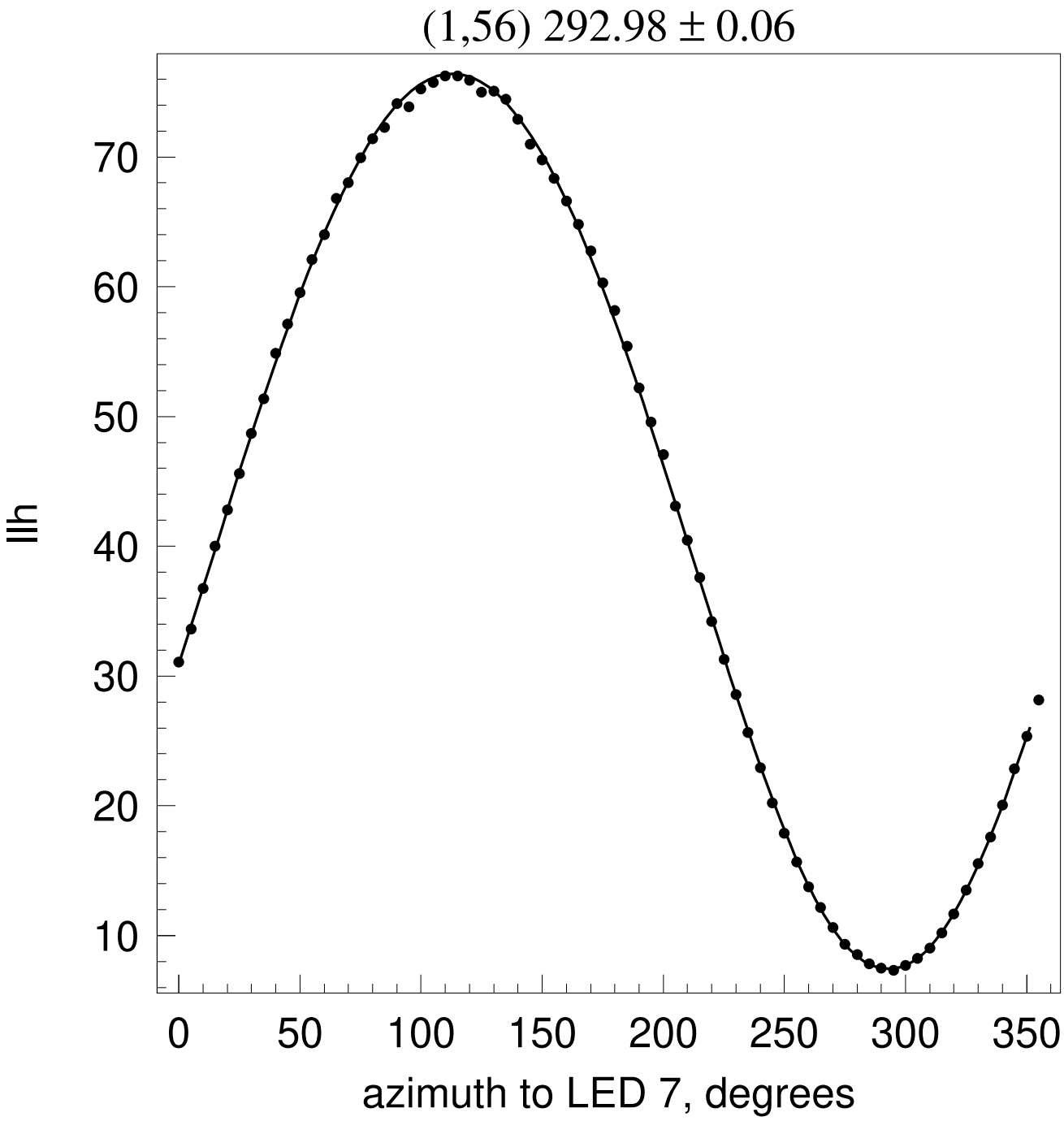

(1,51) 228.09 ± 0.17
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

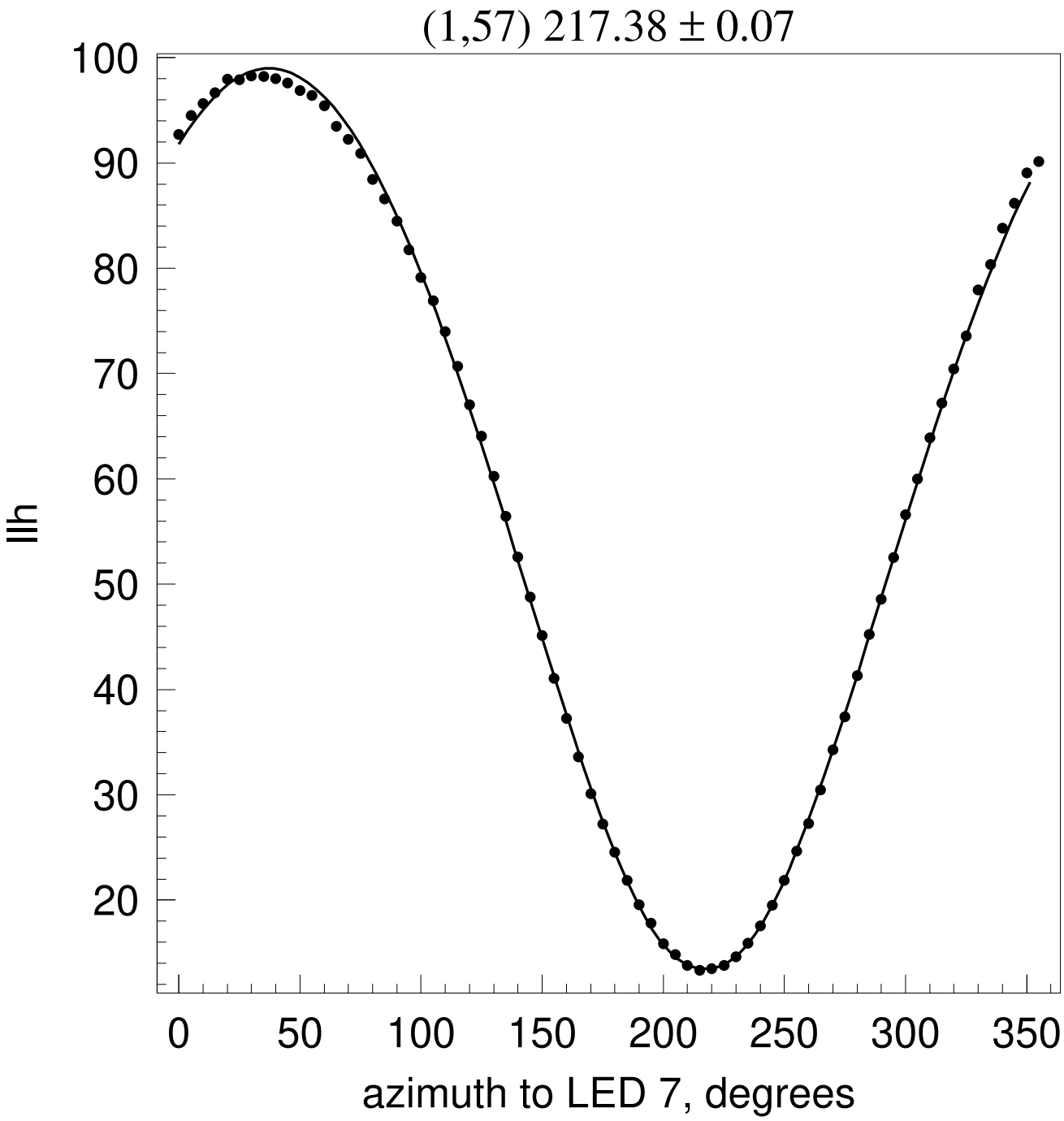

(1,52) 53.23 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

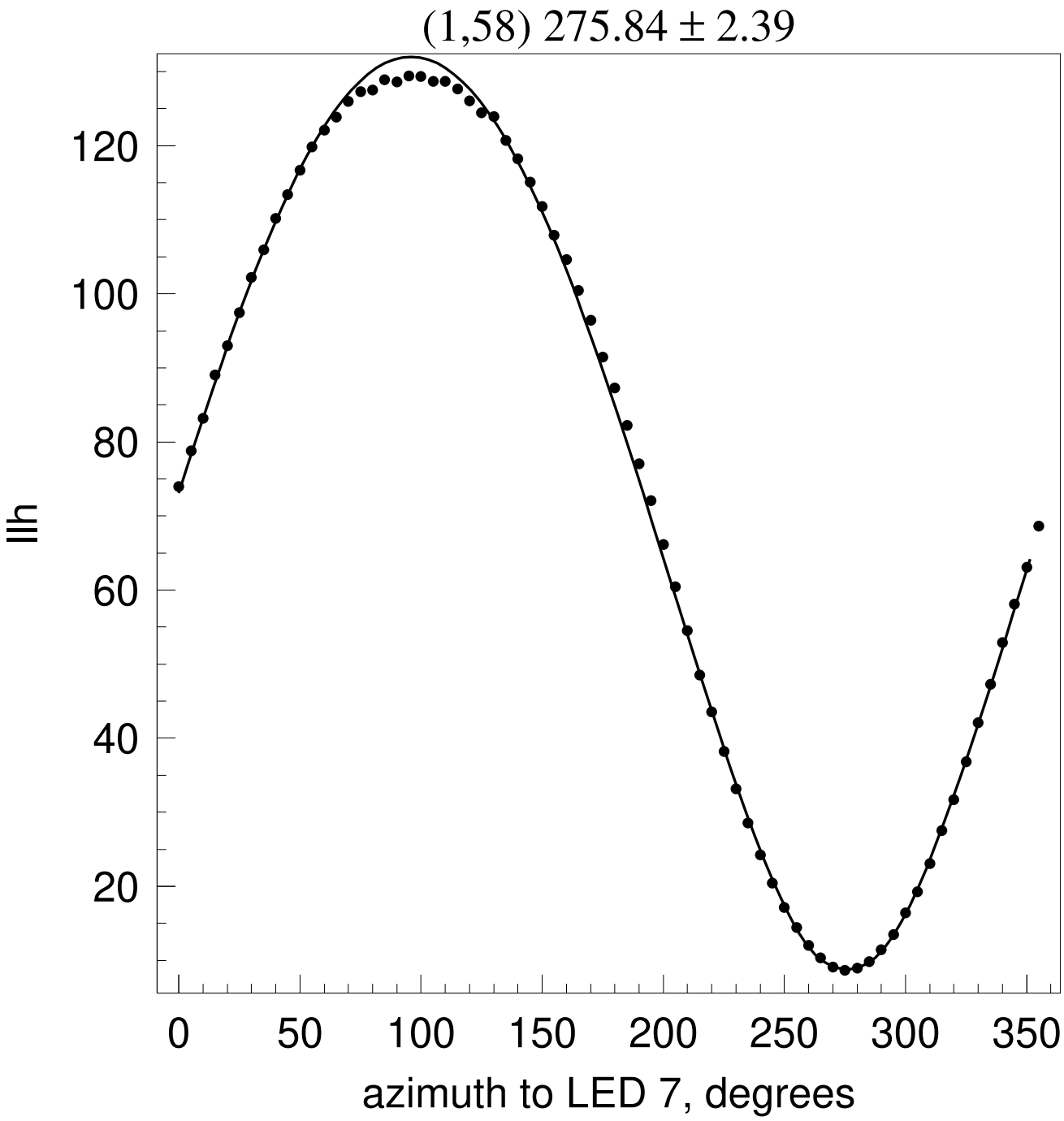

(1,53) 288.17 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

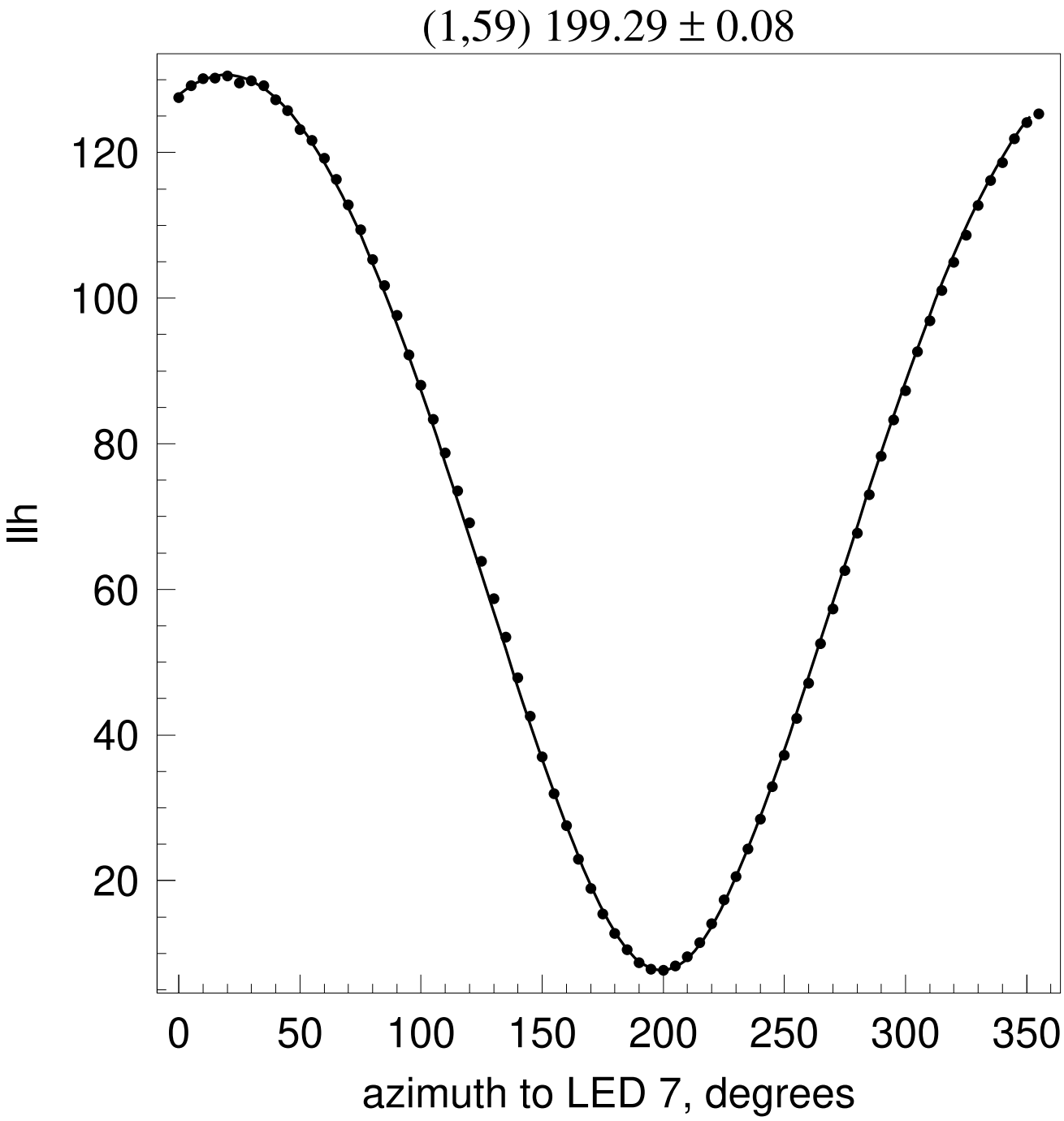

(1,54) 293.62 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

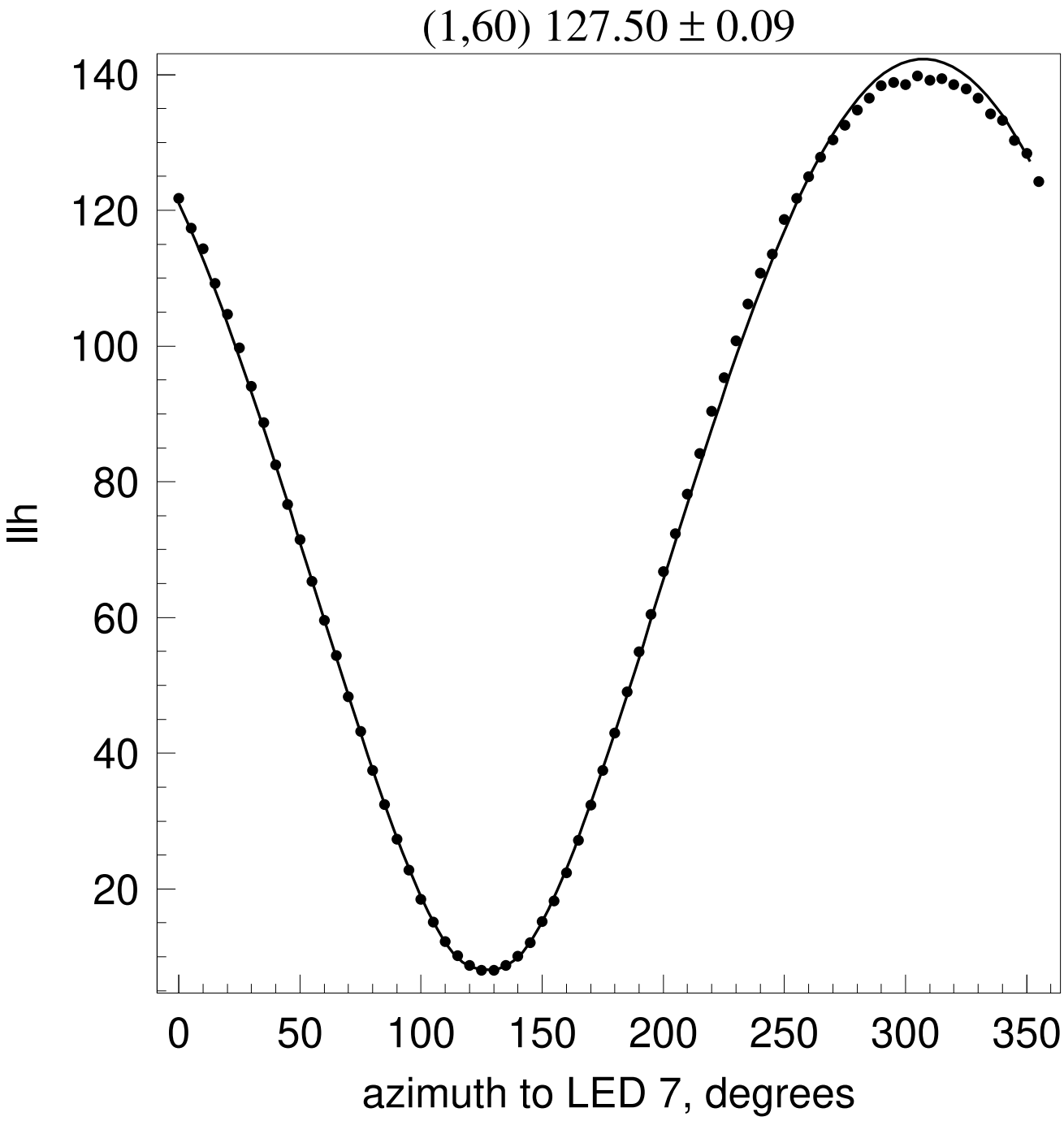

(1,55) 49.90 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

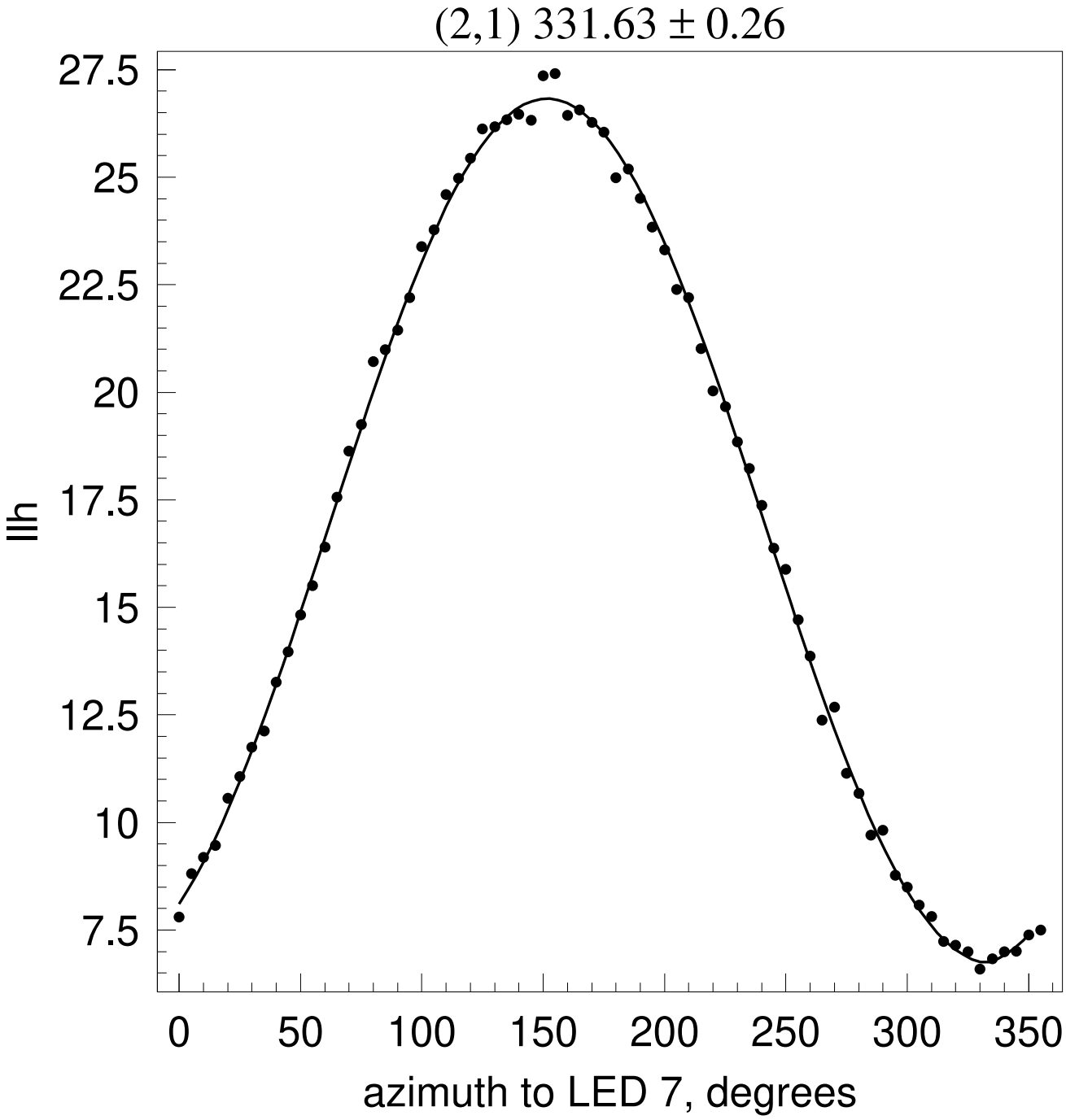

(1,56) 292.98 ± 0.06
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

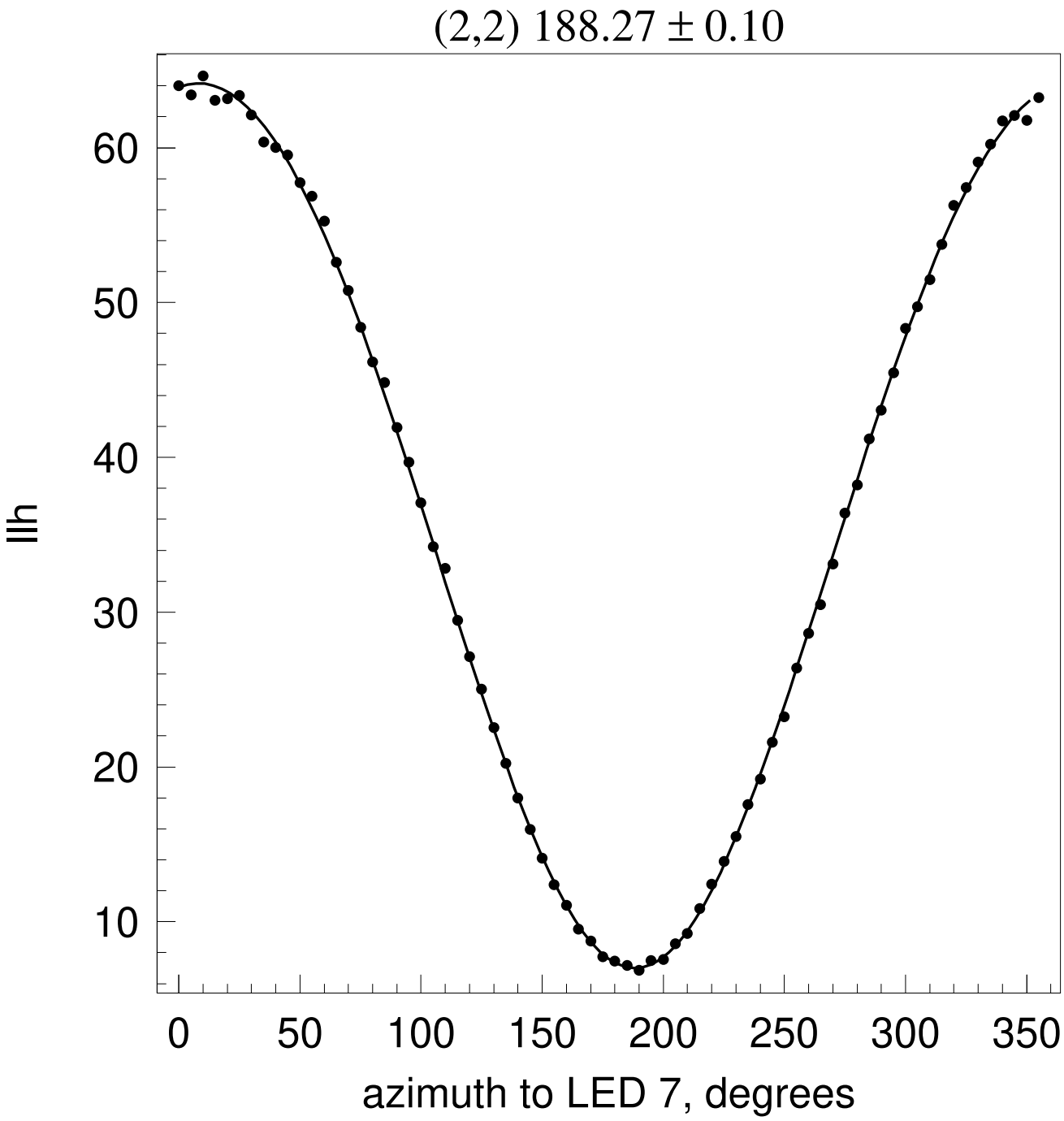

(1,57) 217.38 ± 0.07
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

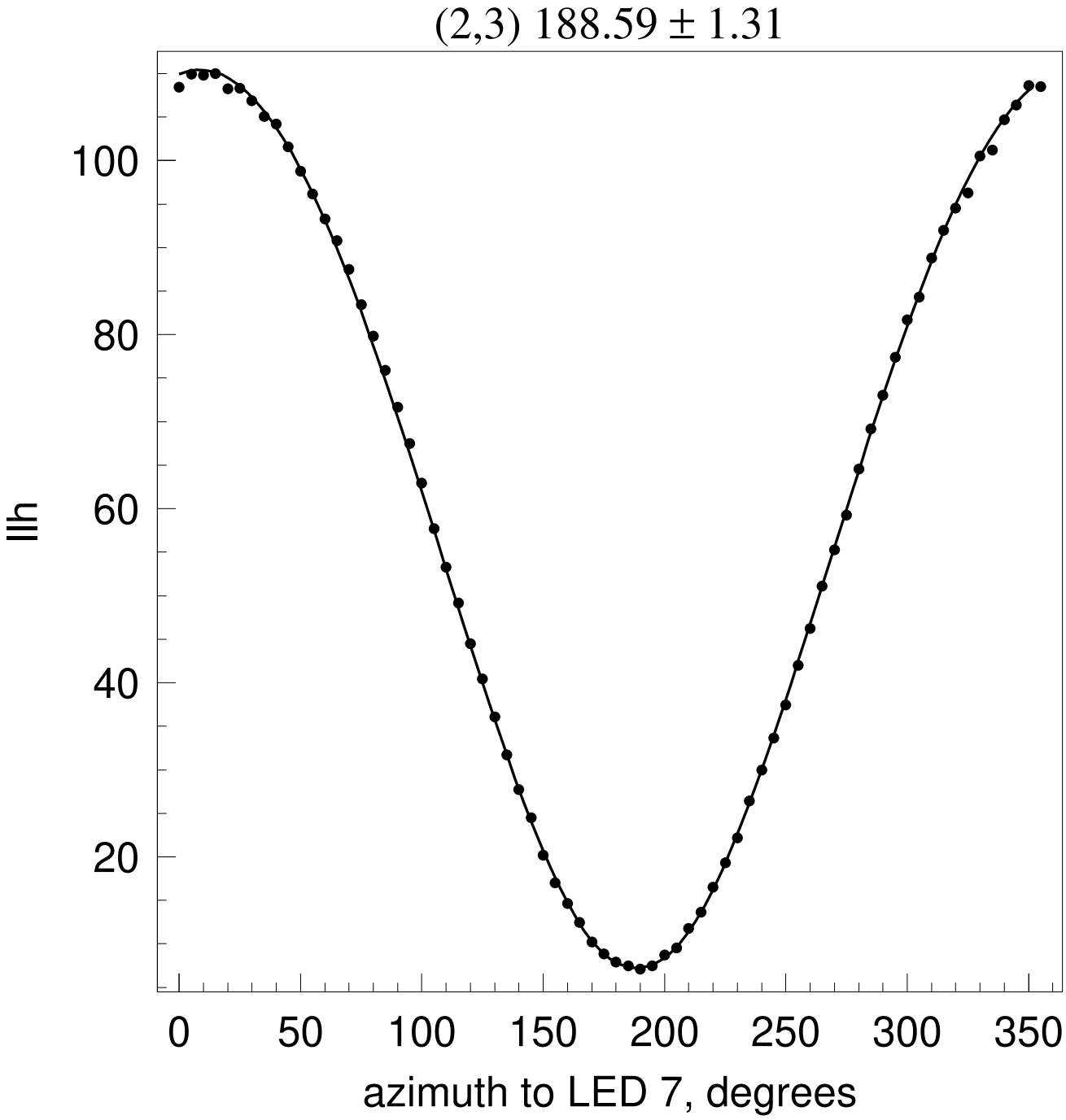

(1,58) 275.84 ± 2.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

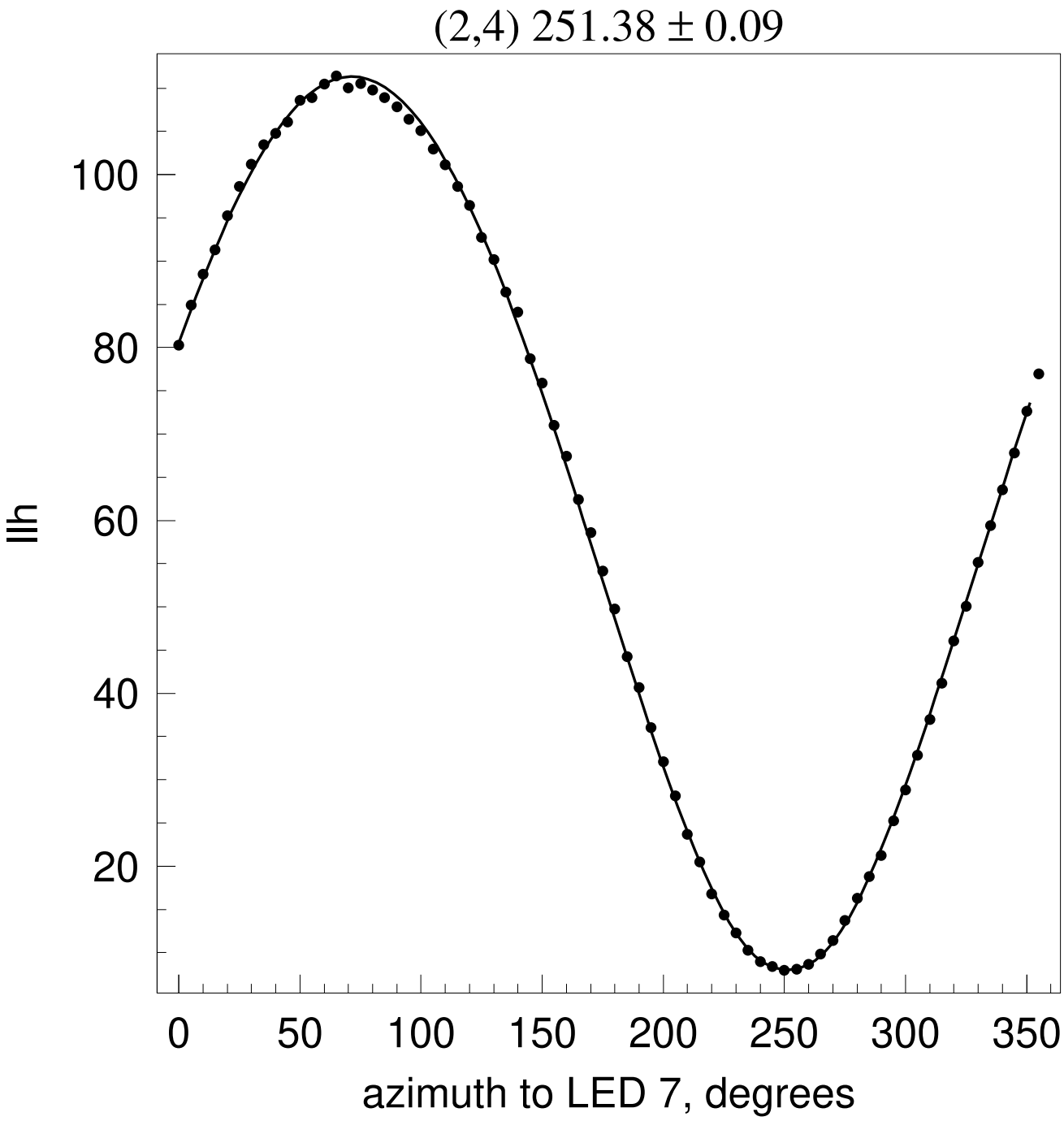

(1,59) 199.29 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

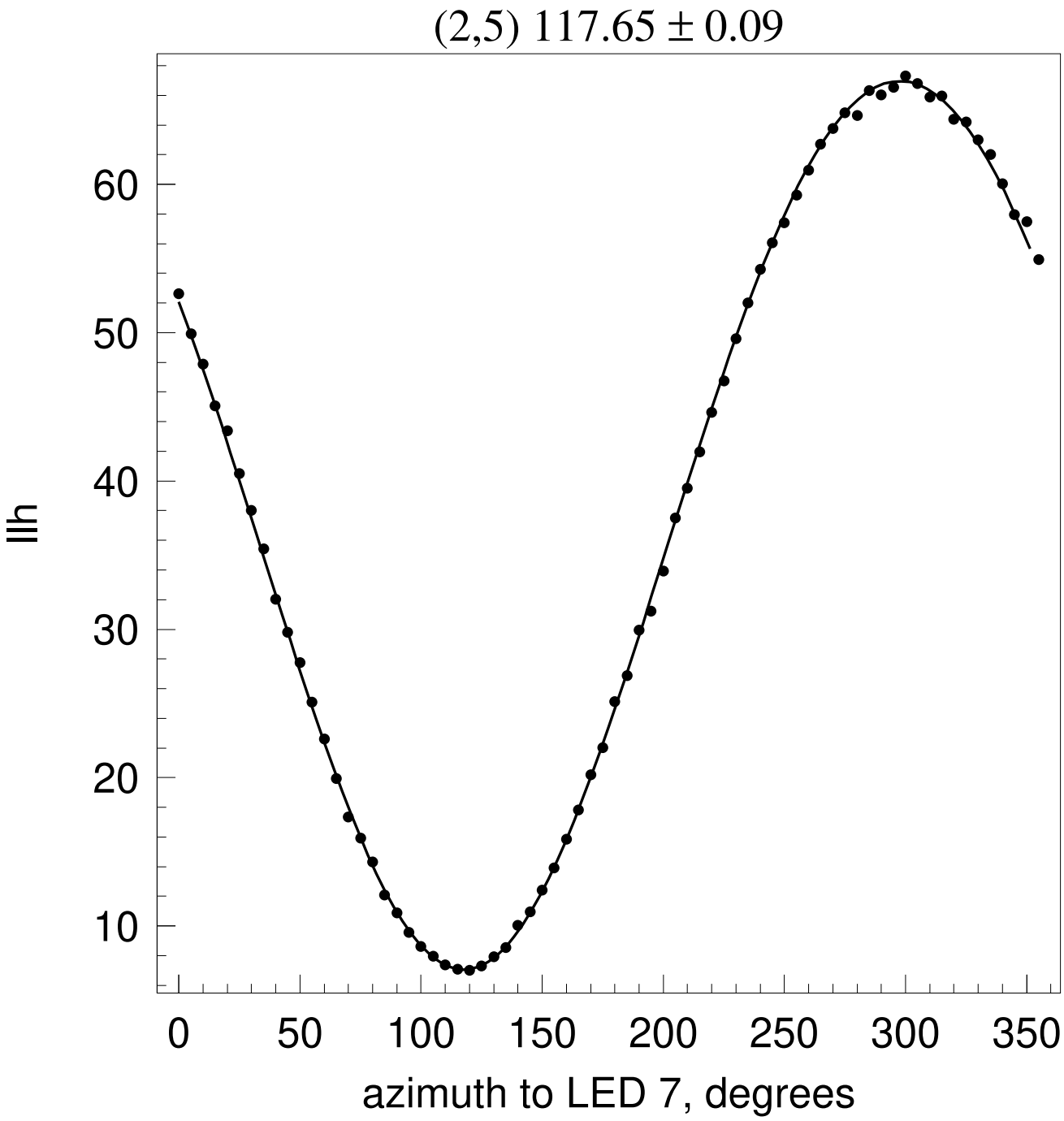

(1,60) 127.50 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

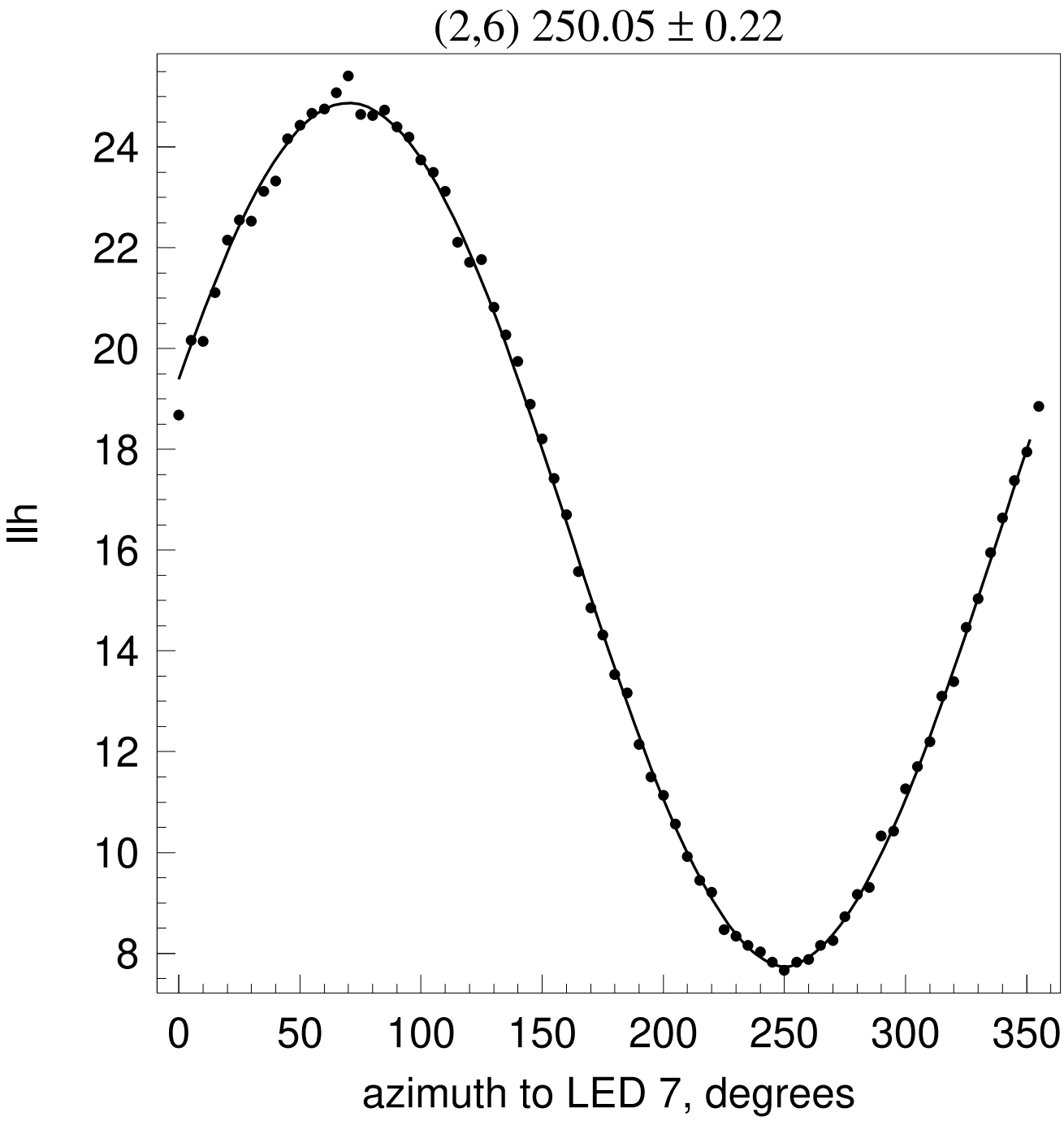

(2,1) 331.63 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

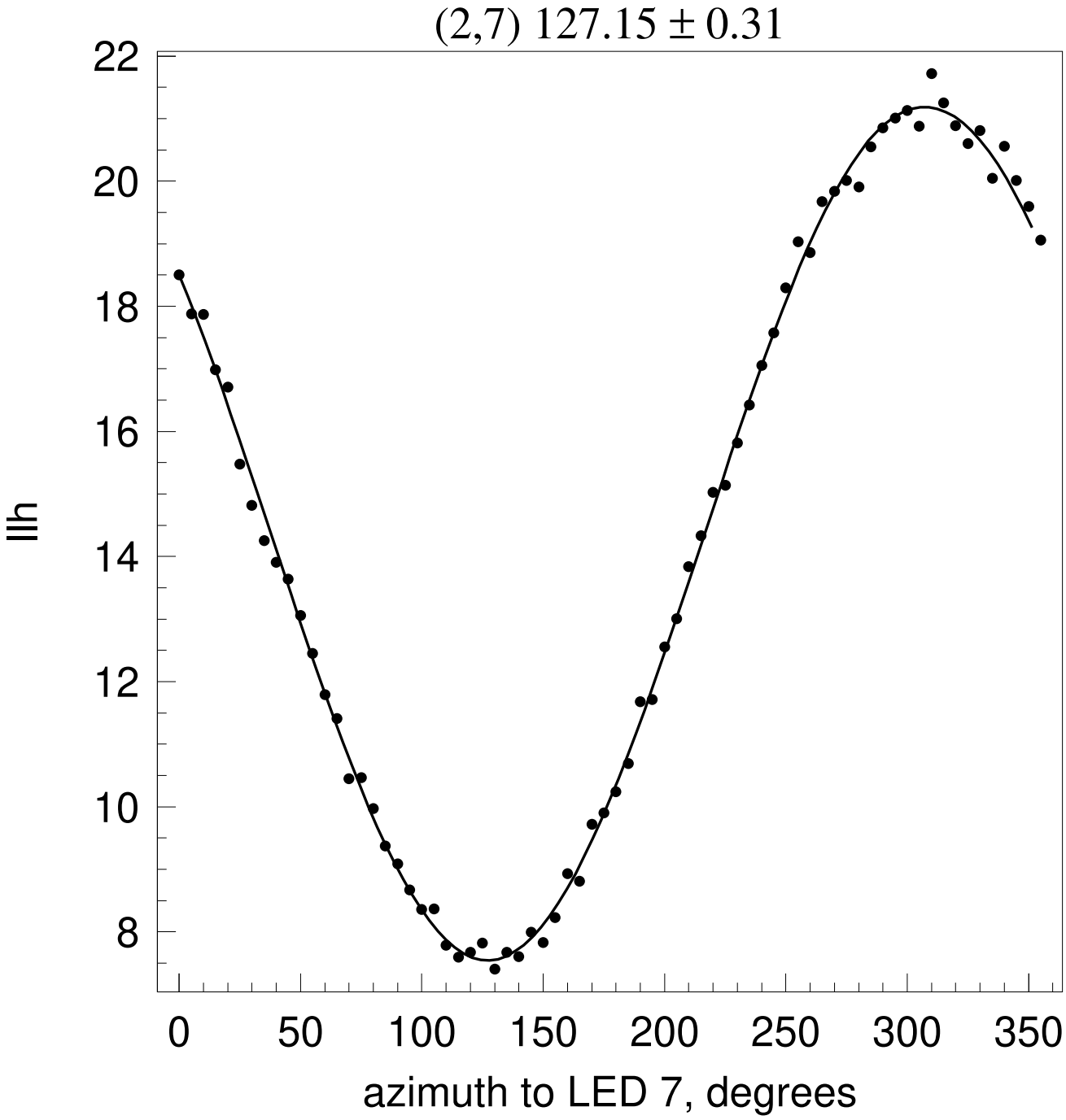

(2,2) 188.27 ± 0.10
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

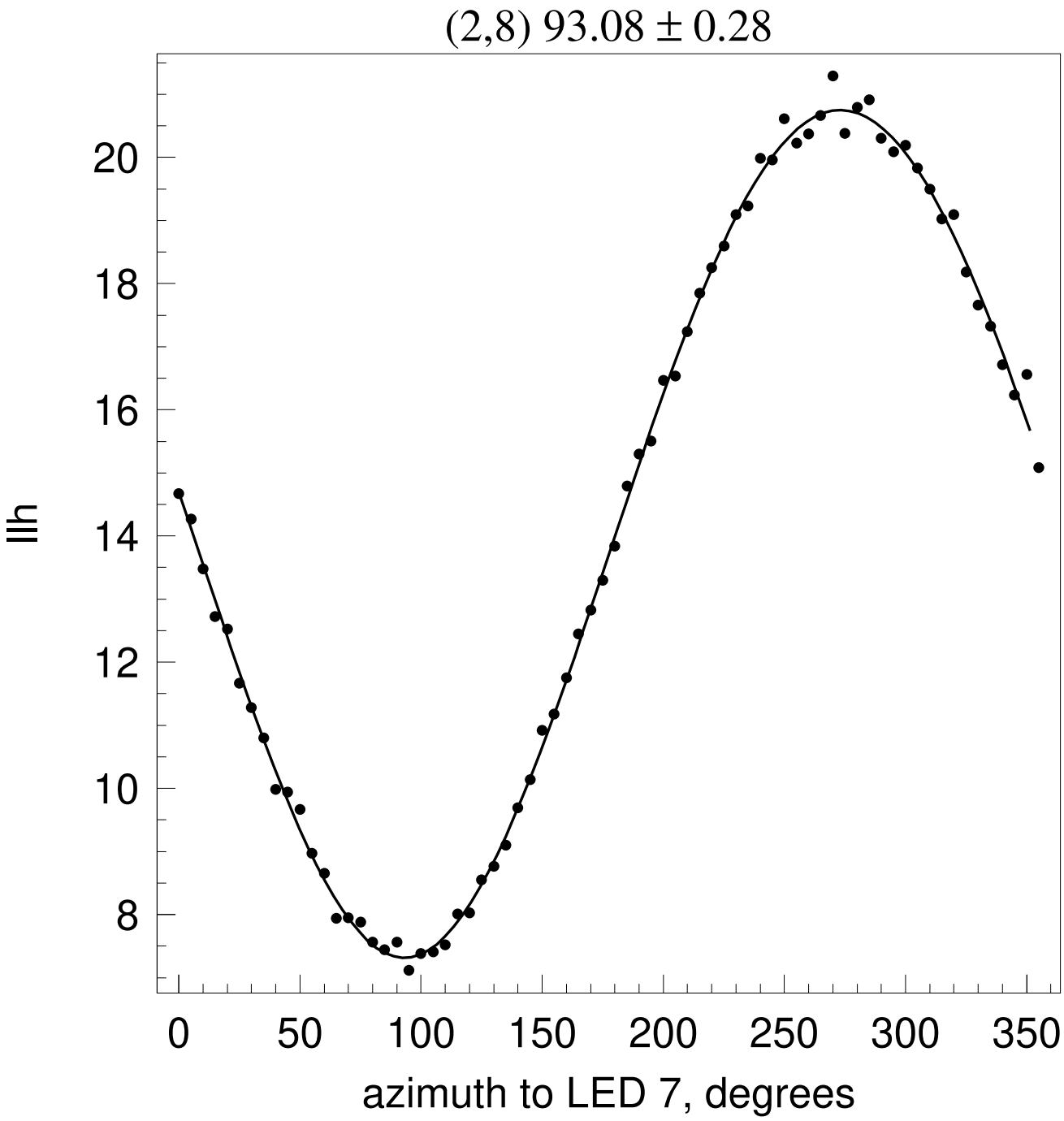

(2,3) 188.59 ± 1.31
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

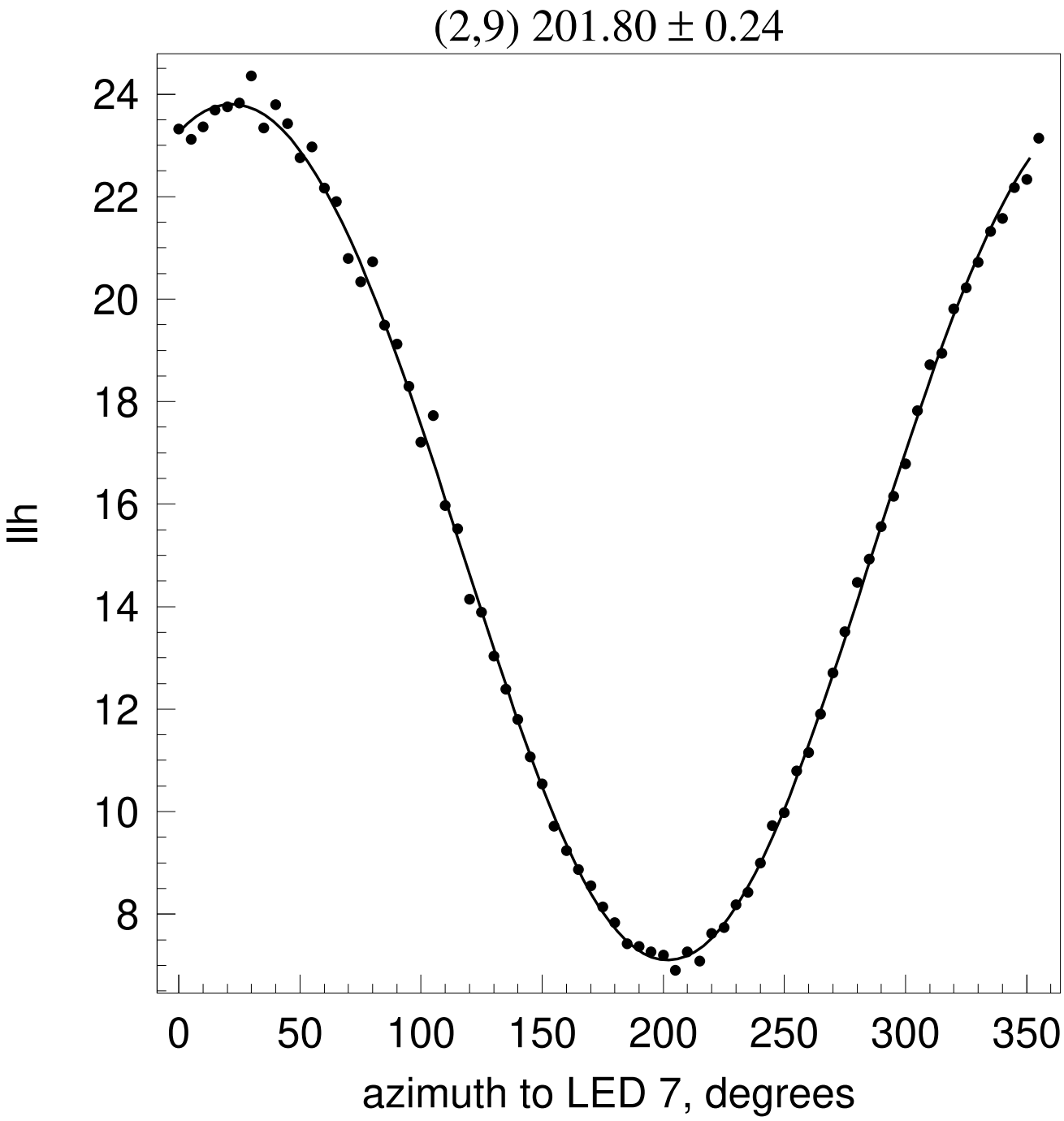

(2,4) 251.38 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

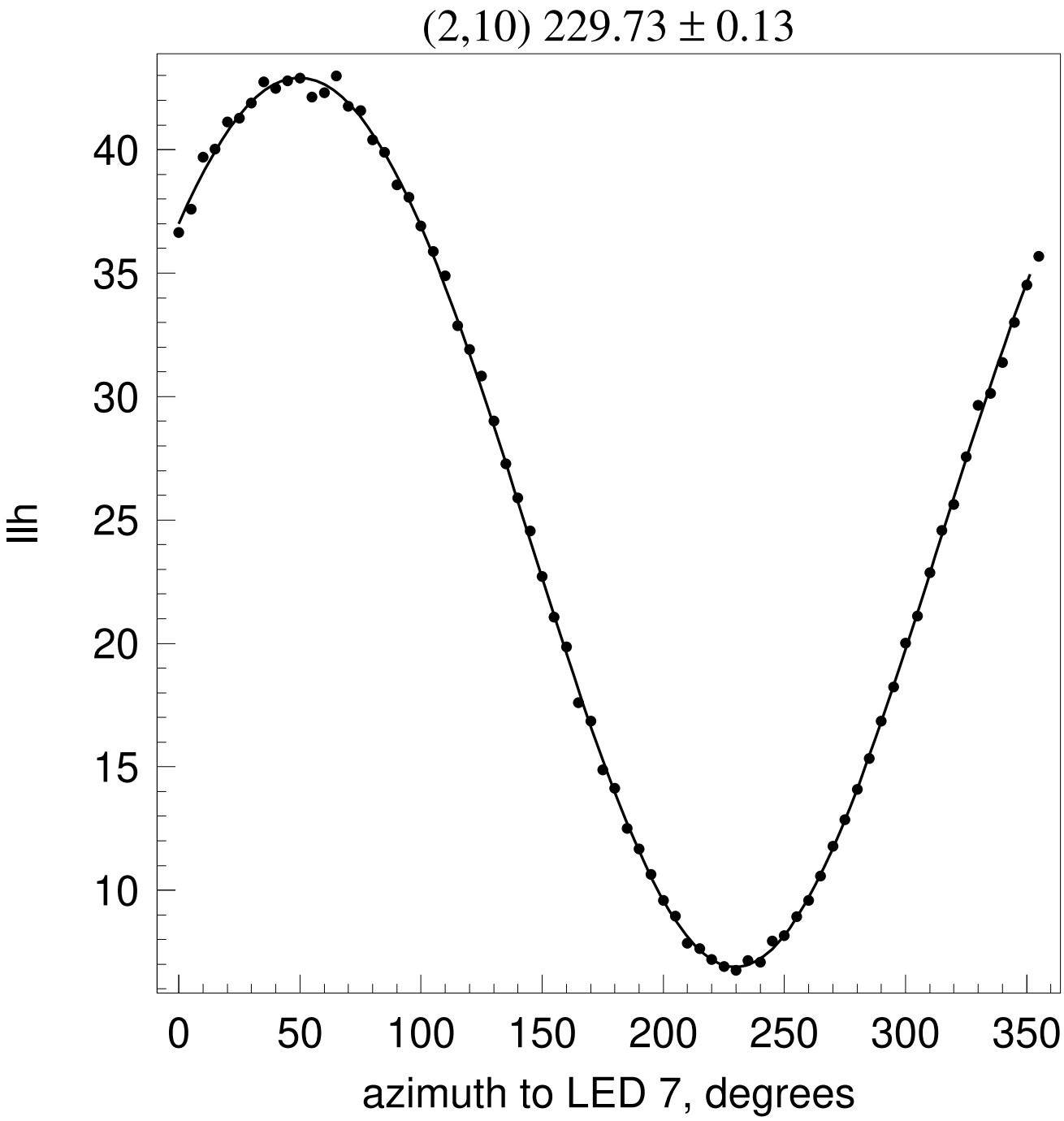

(2,5) 117.65 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

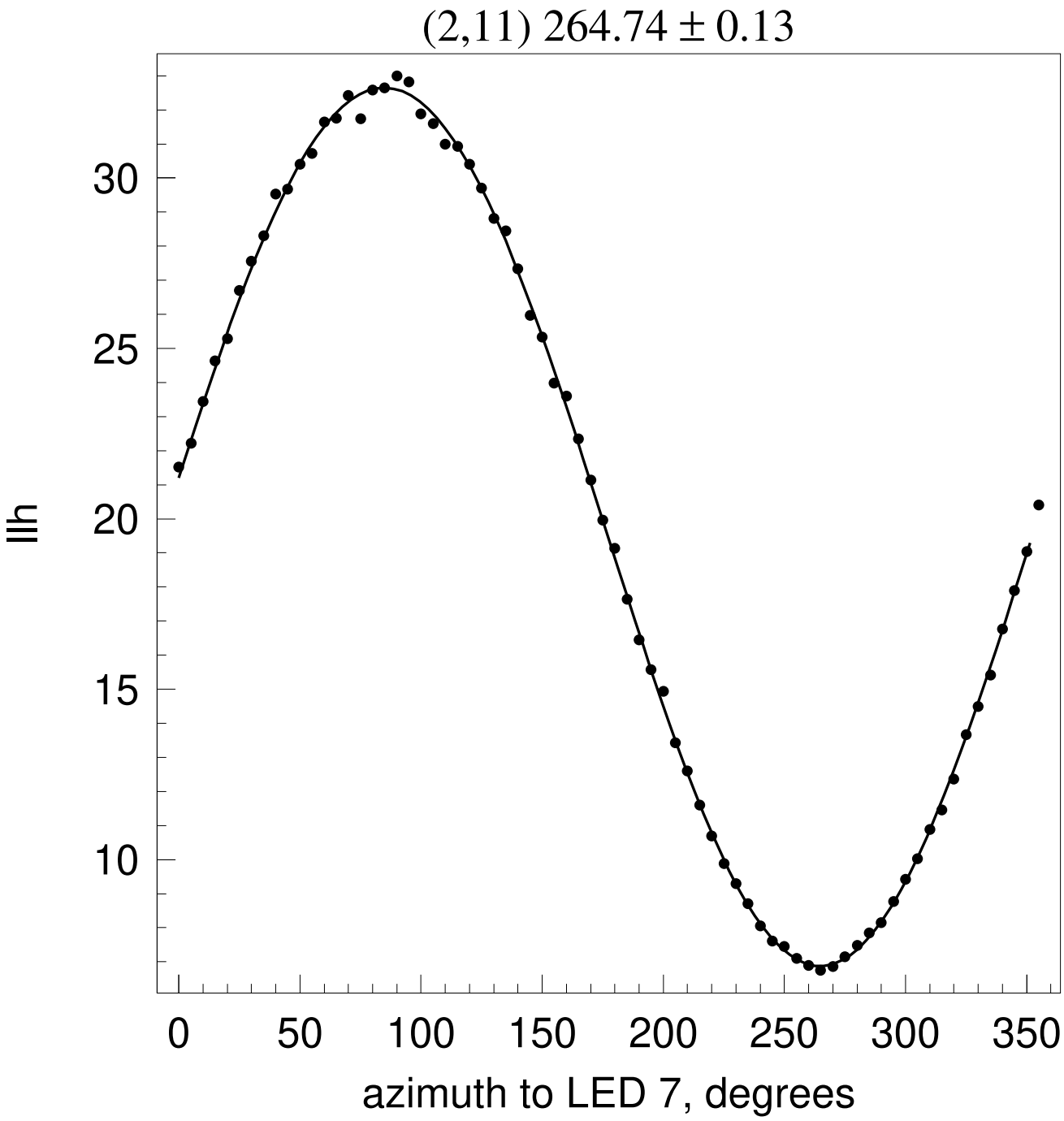

(2,6) 250.05 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

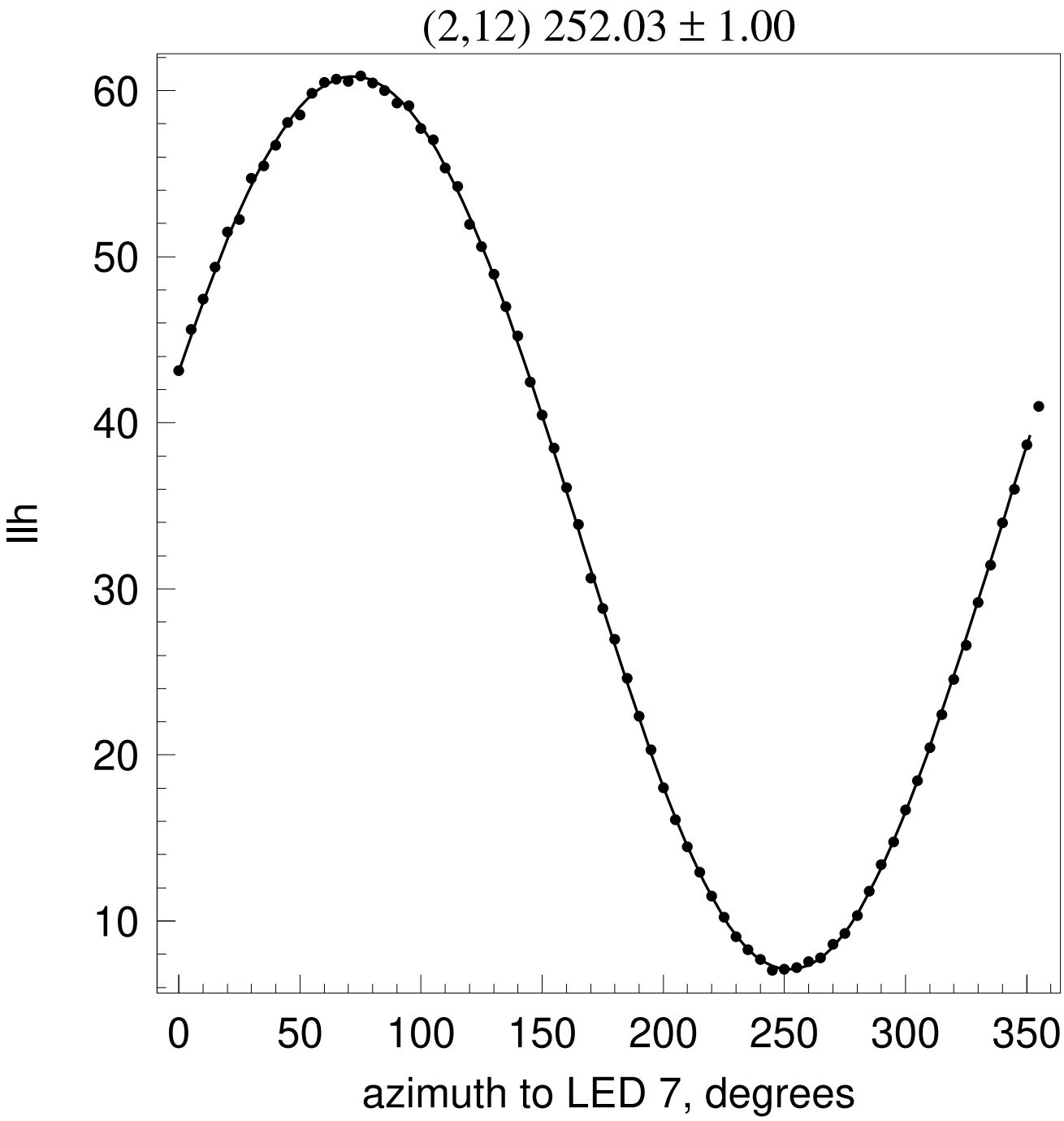

(2,7) 127.15 ± 0.31
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

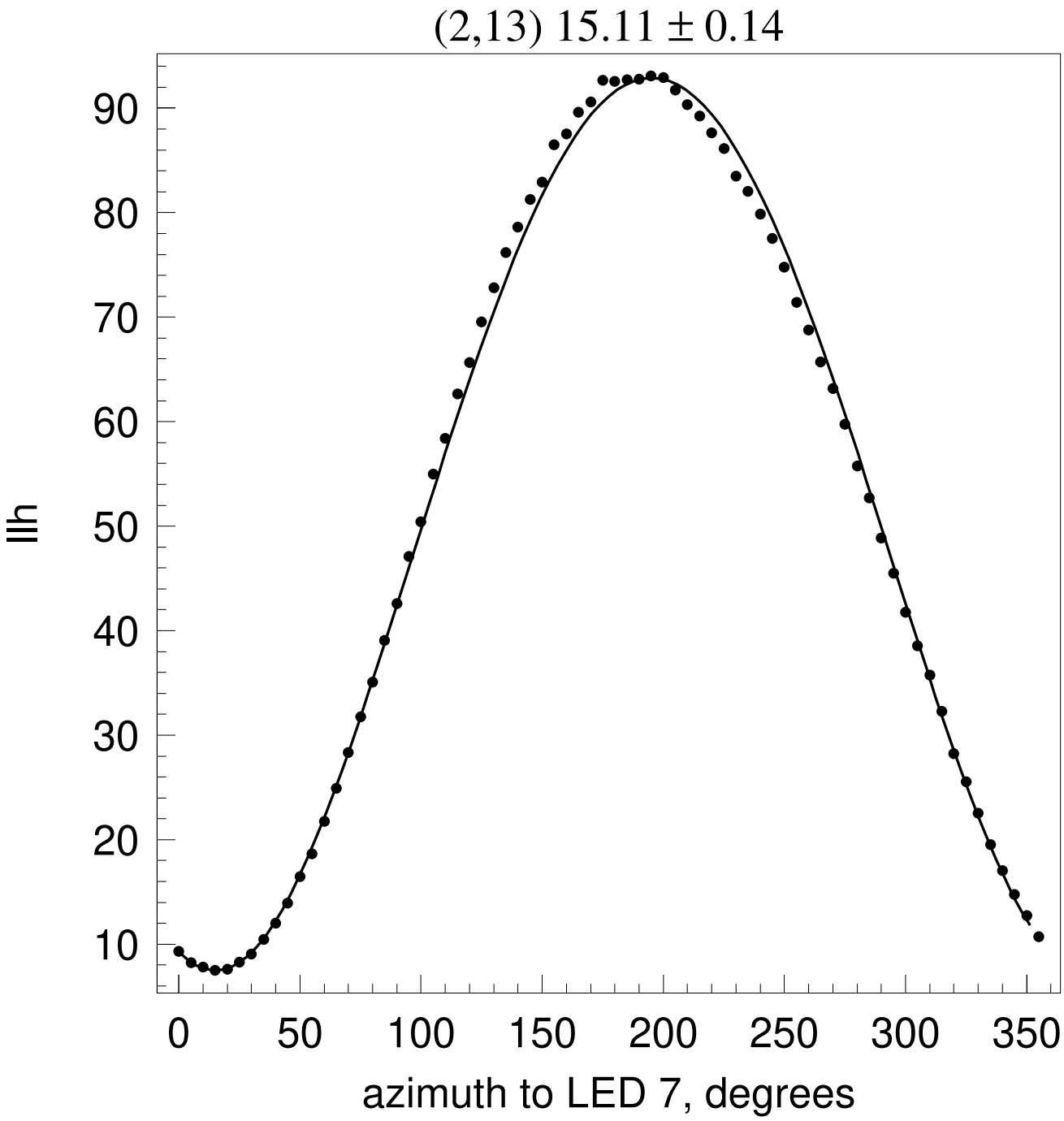

(2,8) 93.08 ± 0.28
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

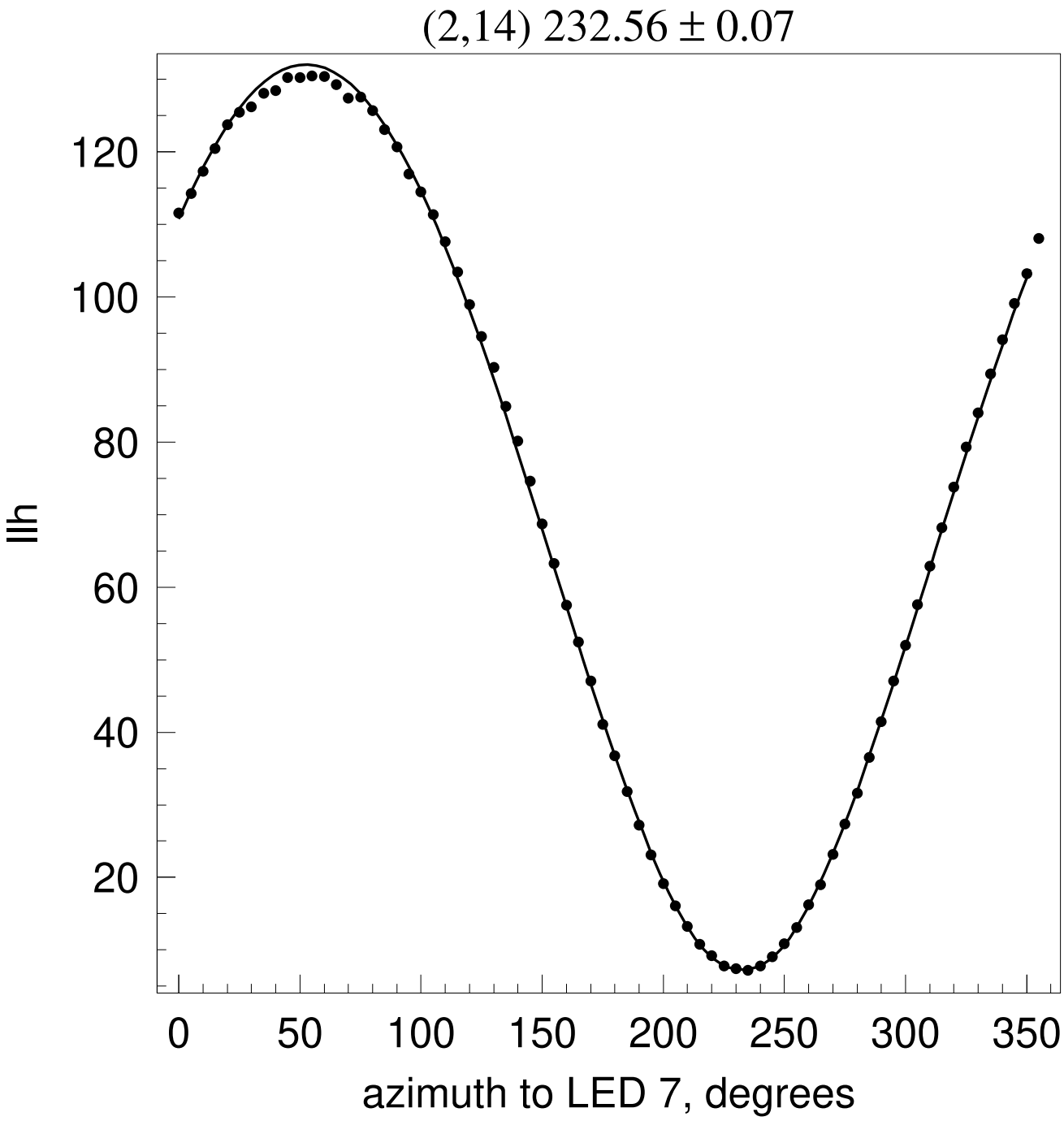

(2,9) 201.80 ± 0.24
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

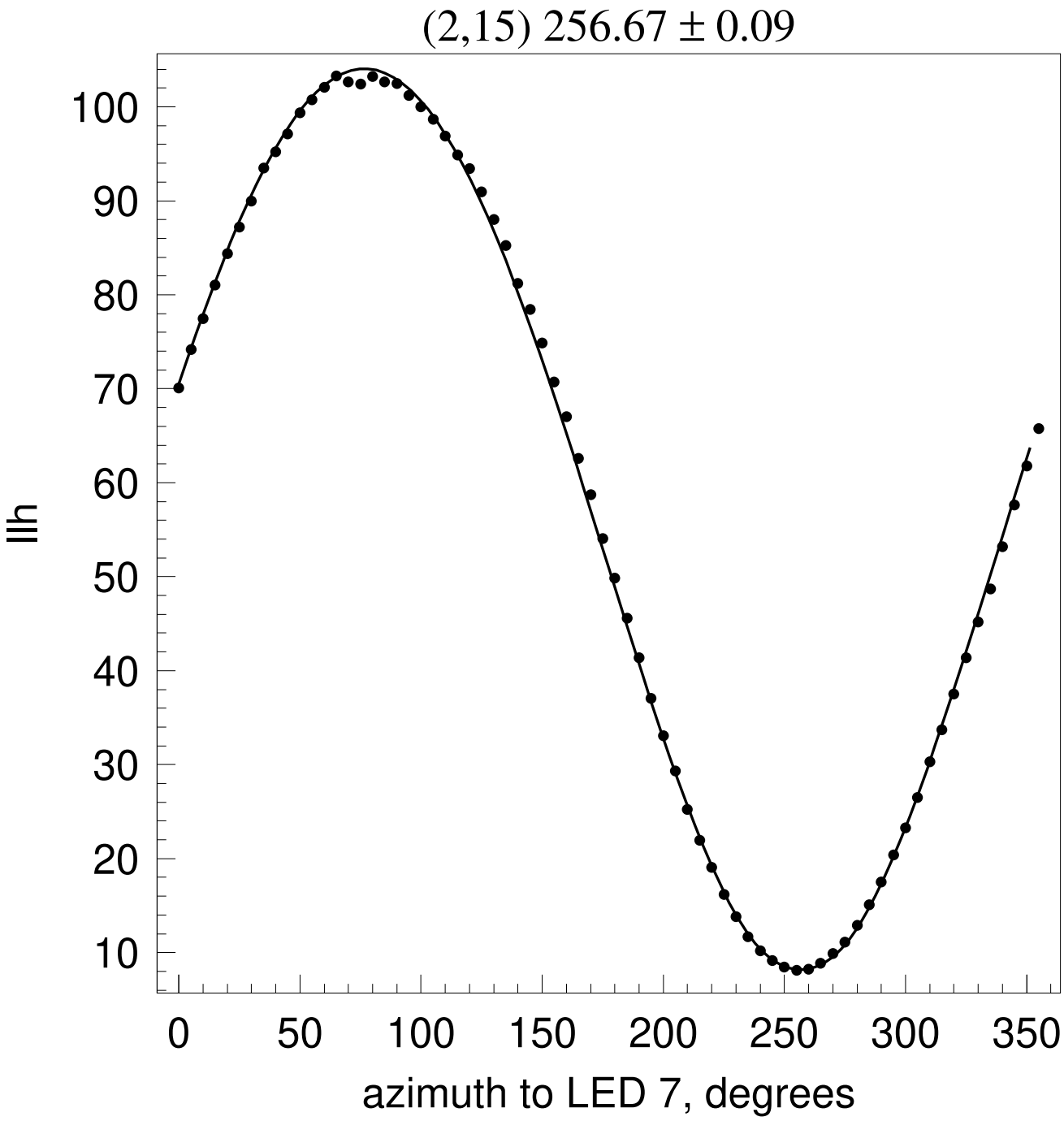

(2,10) 229.73 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

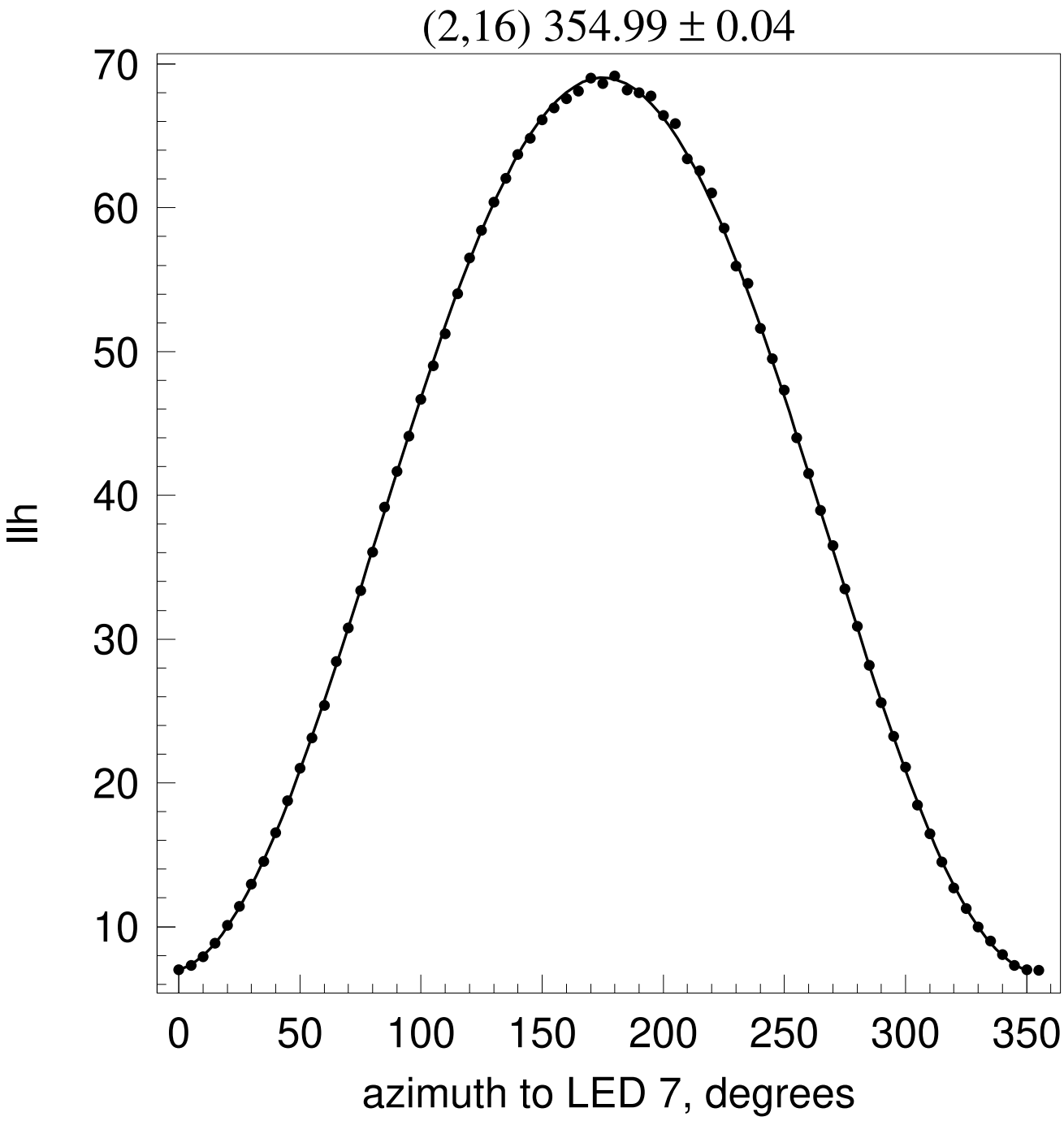

(2,11) 264.74 ± 0.13
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

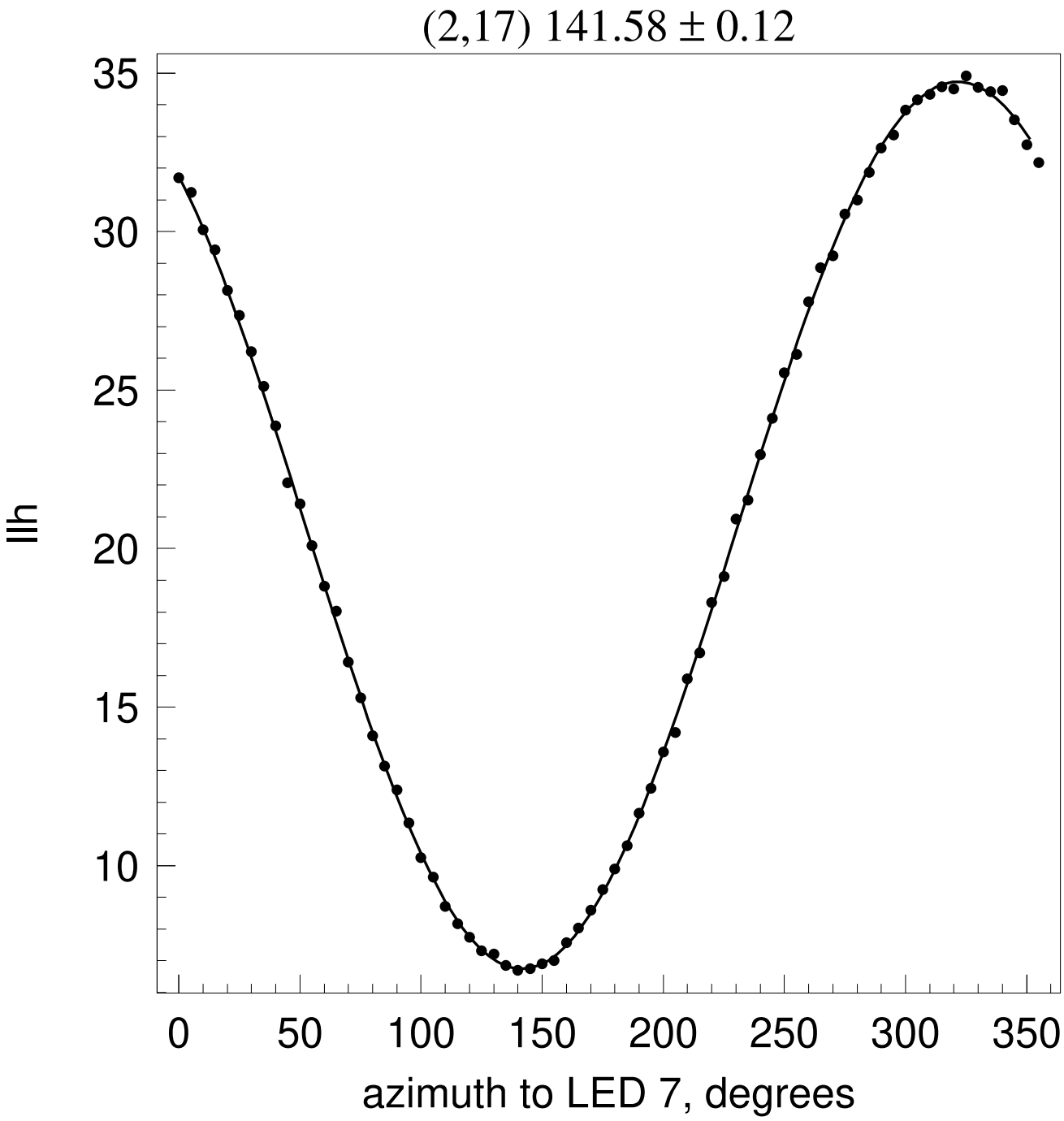

(2,12) 252.03 ± 1.00
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

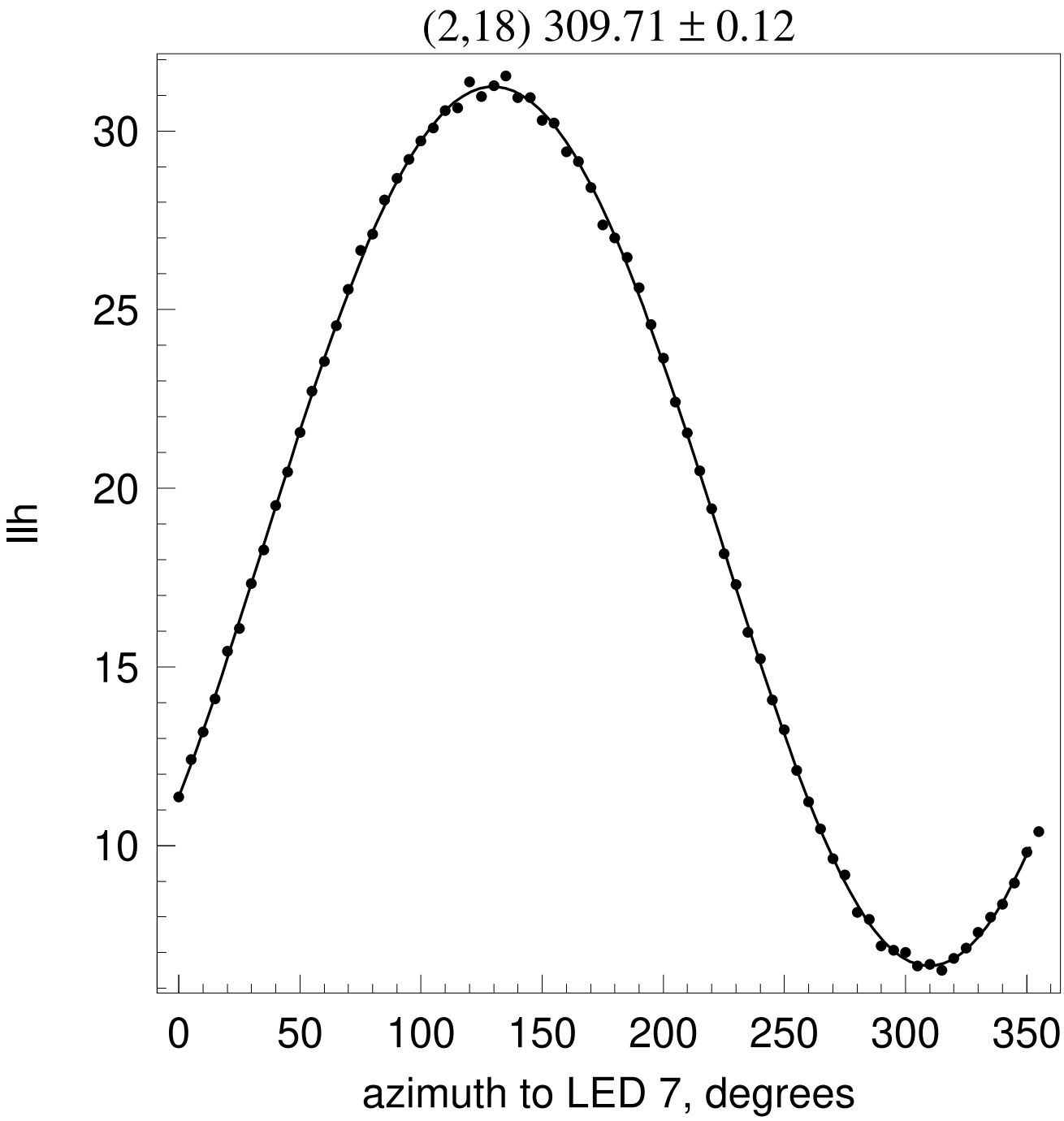

(2,13) 15.11 ± 0.14
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

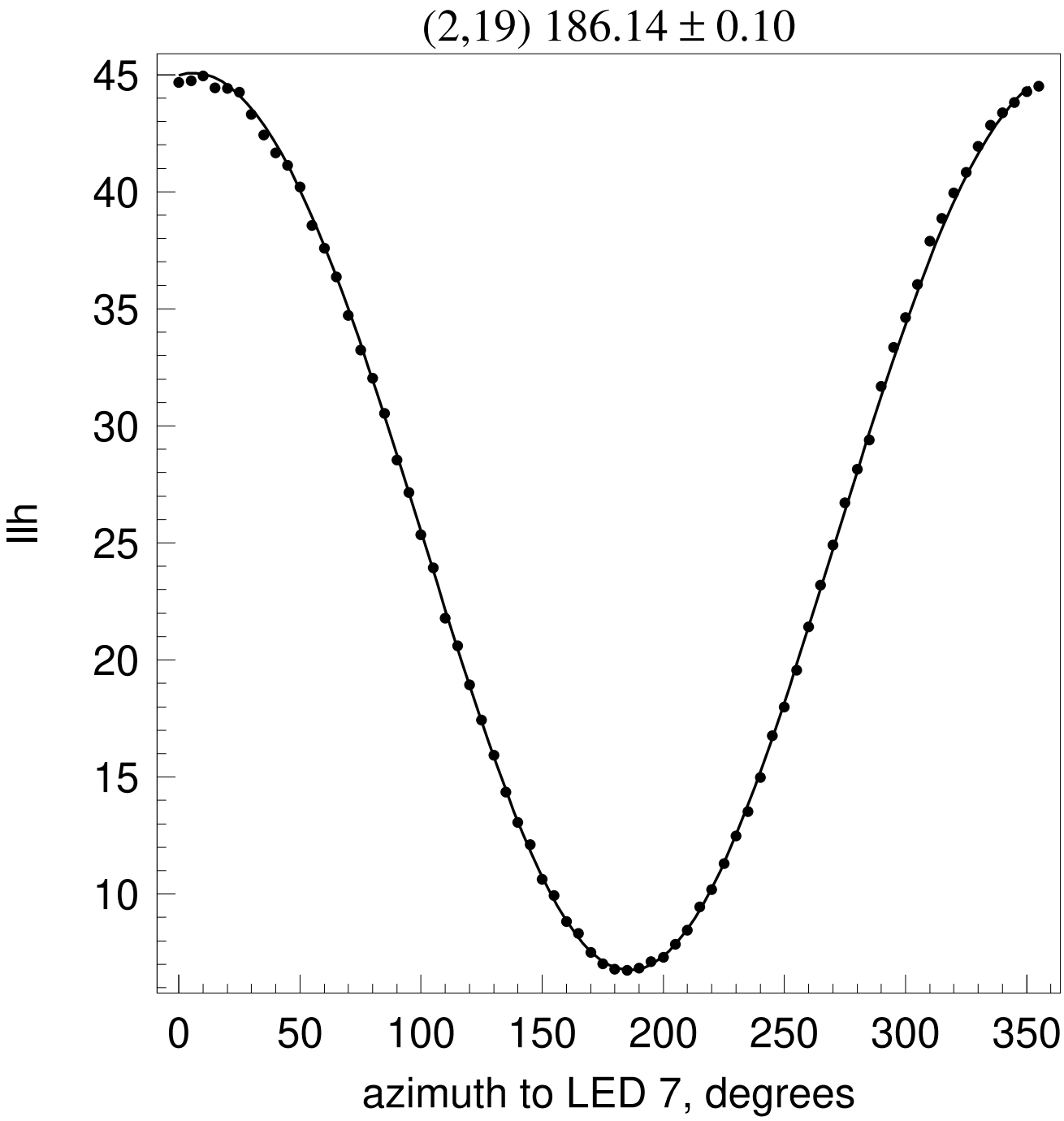

(2,14) 232.56 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

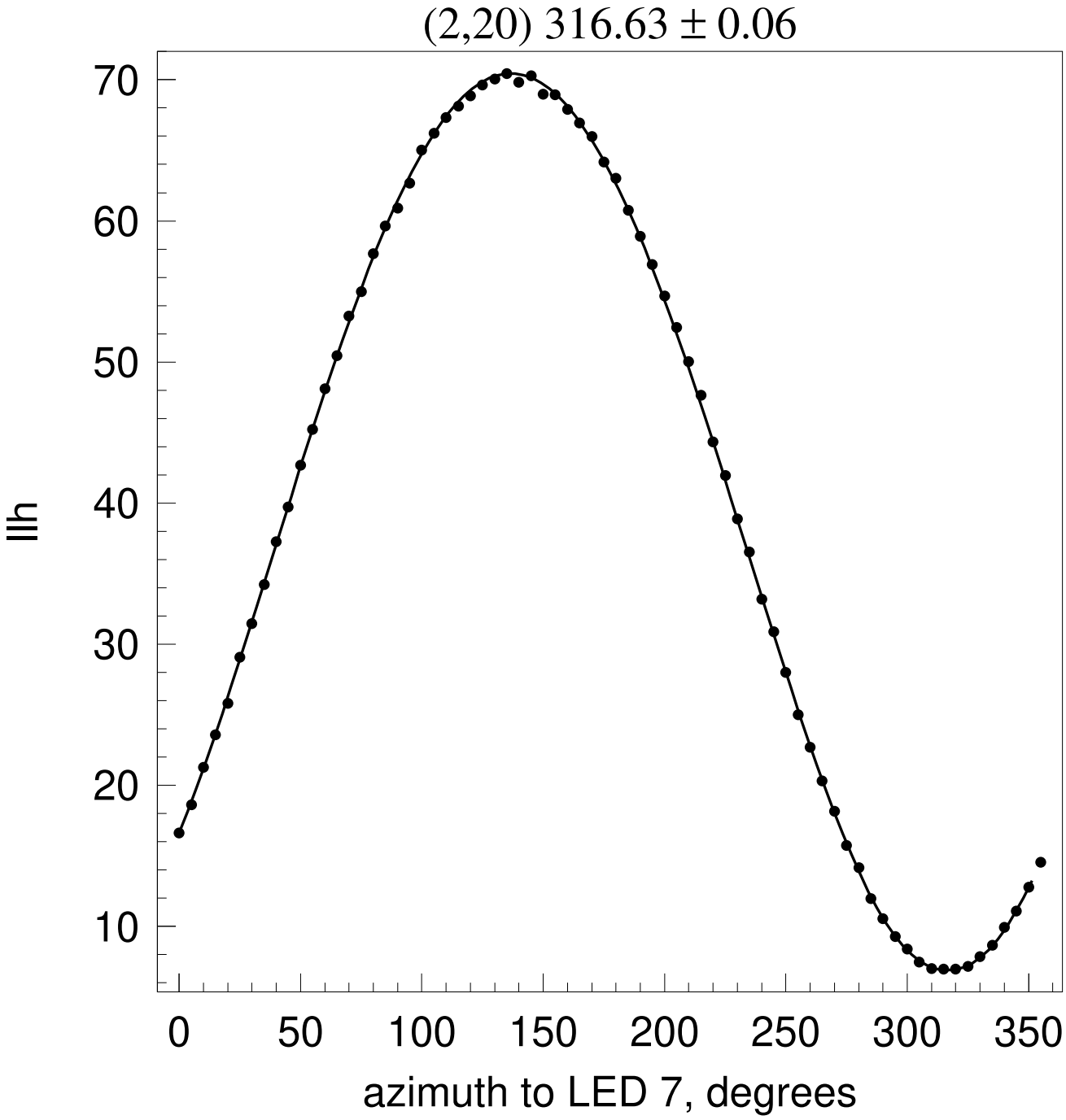

(2,15) 256.67 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

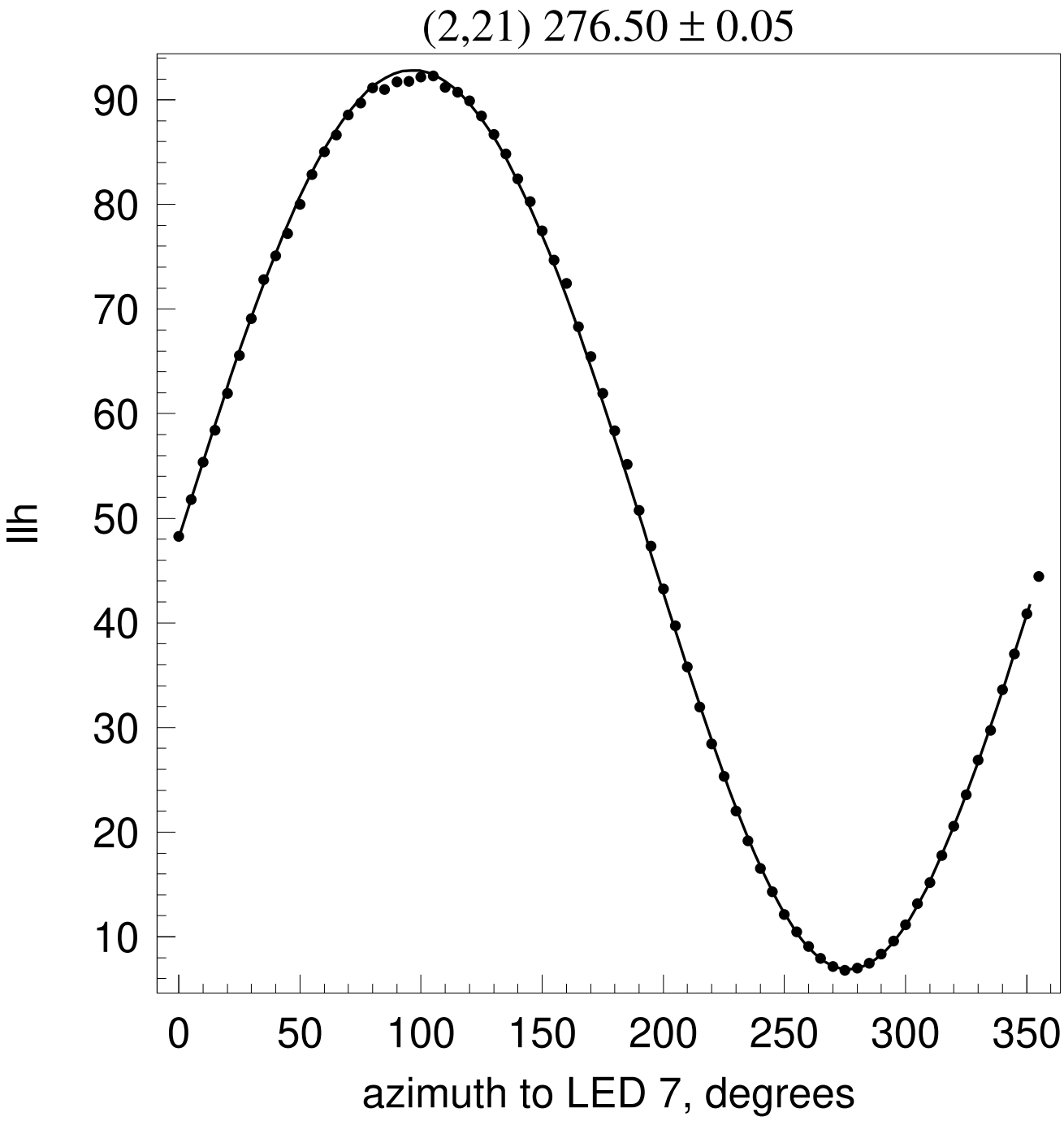

(2,16) 354.99 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

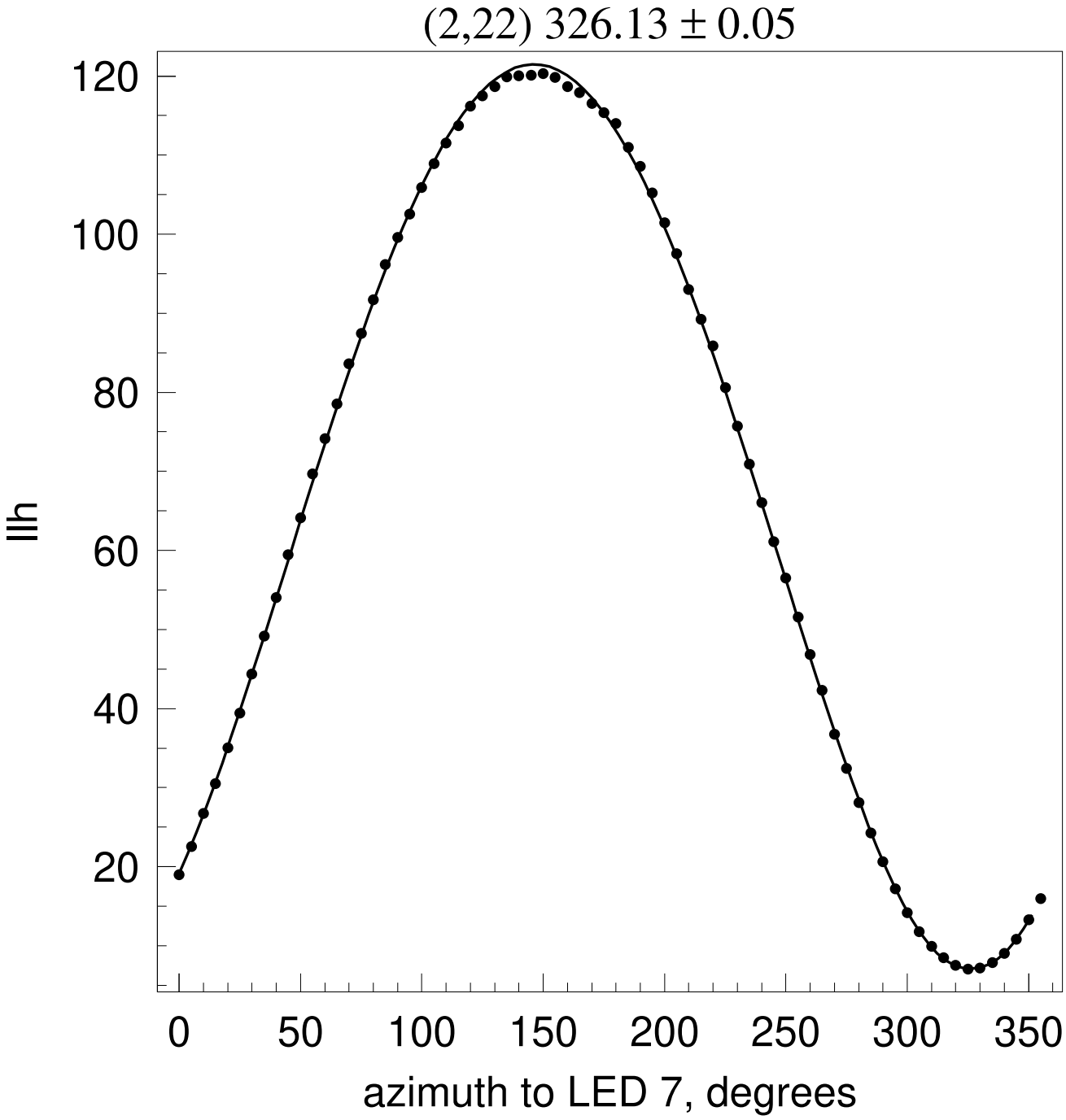

(2,17) 141.58 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

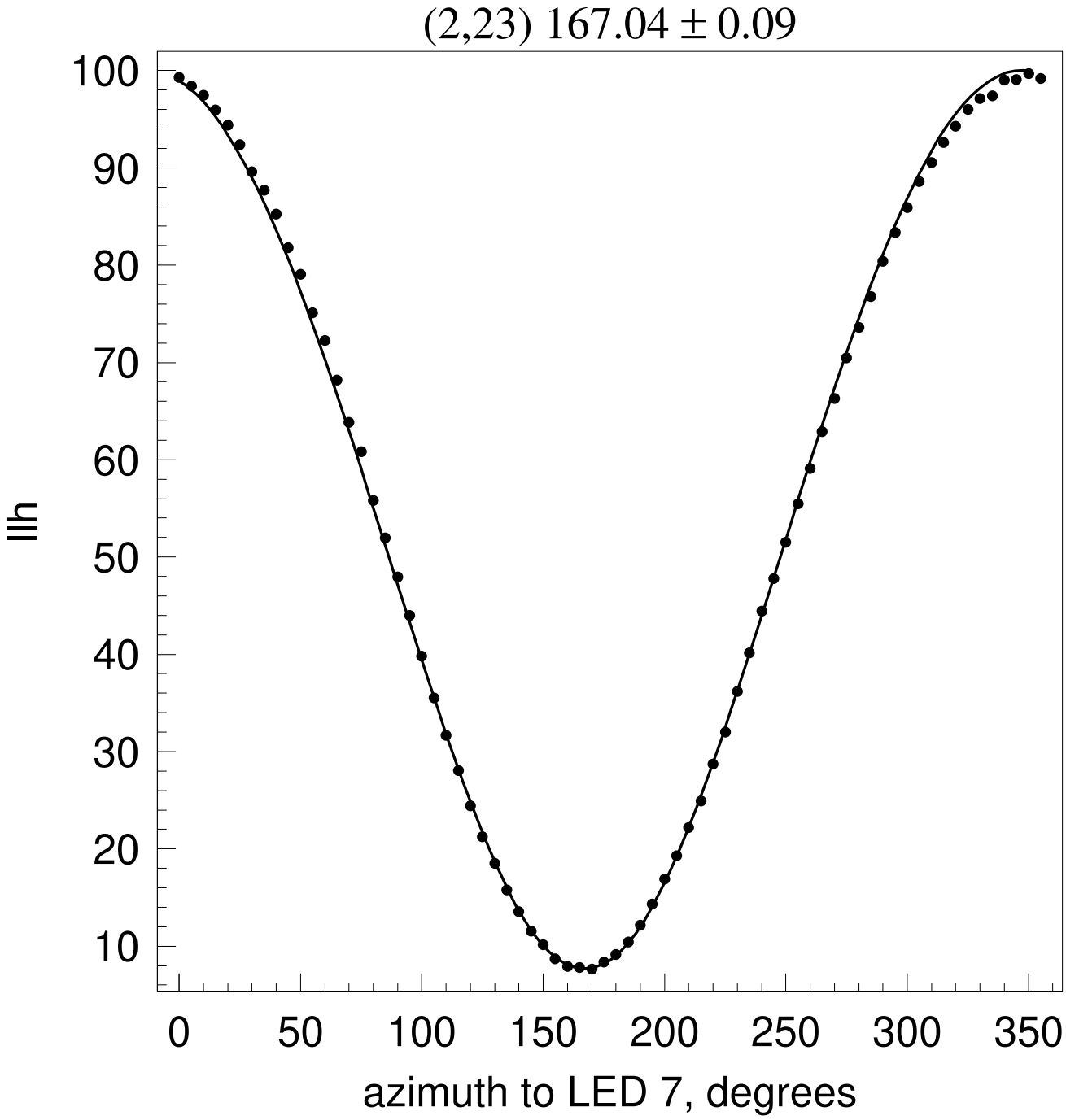

(2,18) 309.71 ± 0.12
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

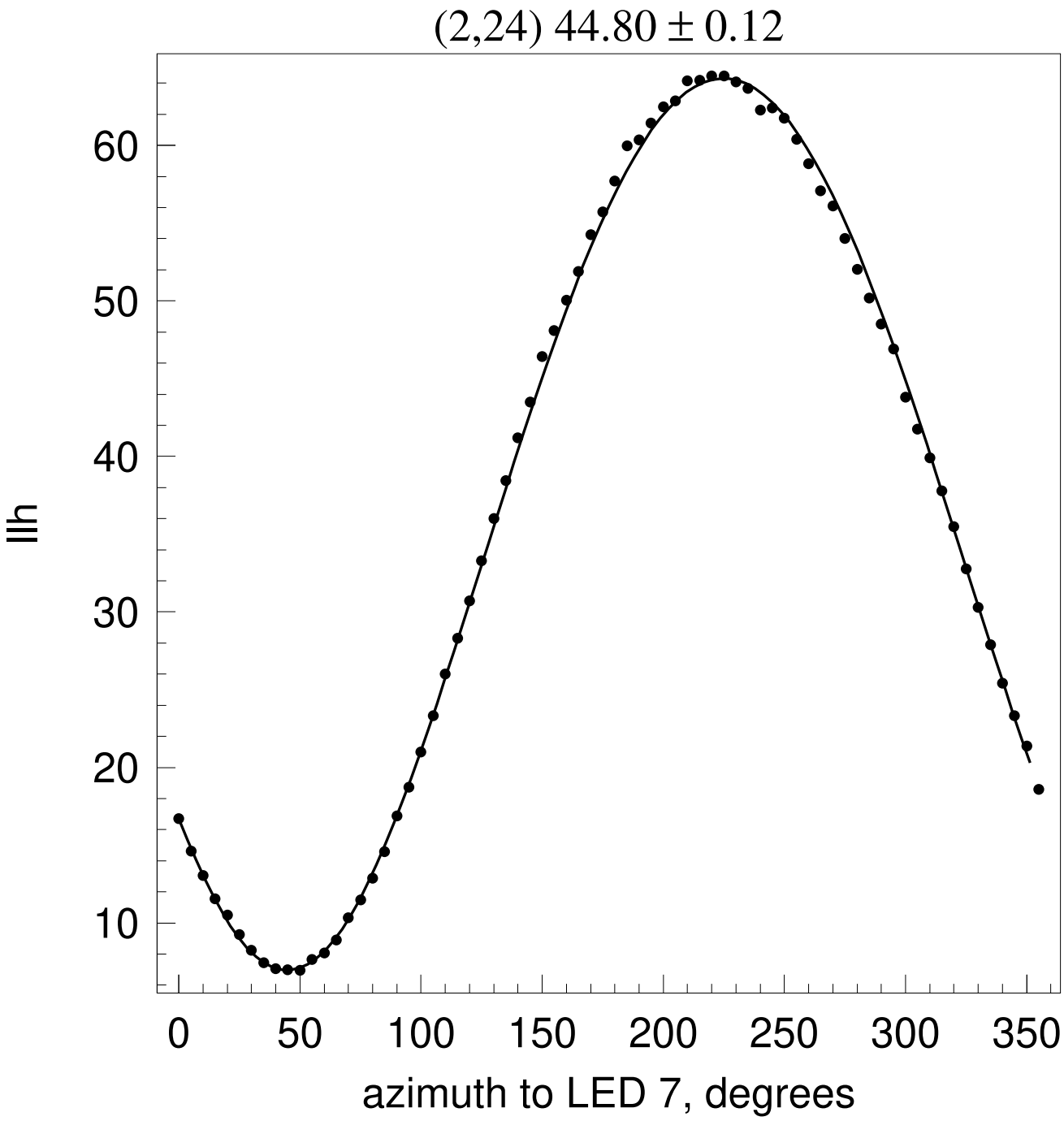

(2,19) 186.14 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

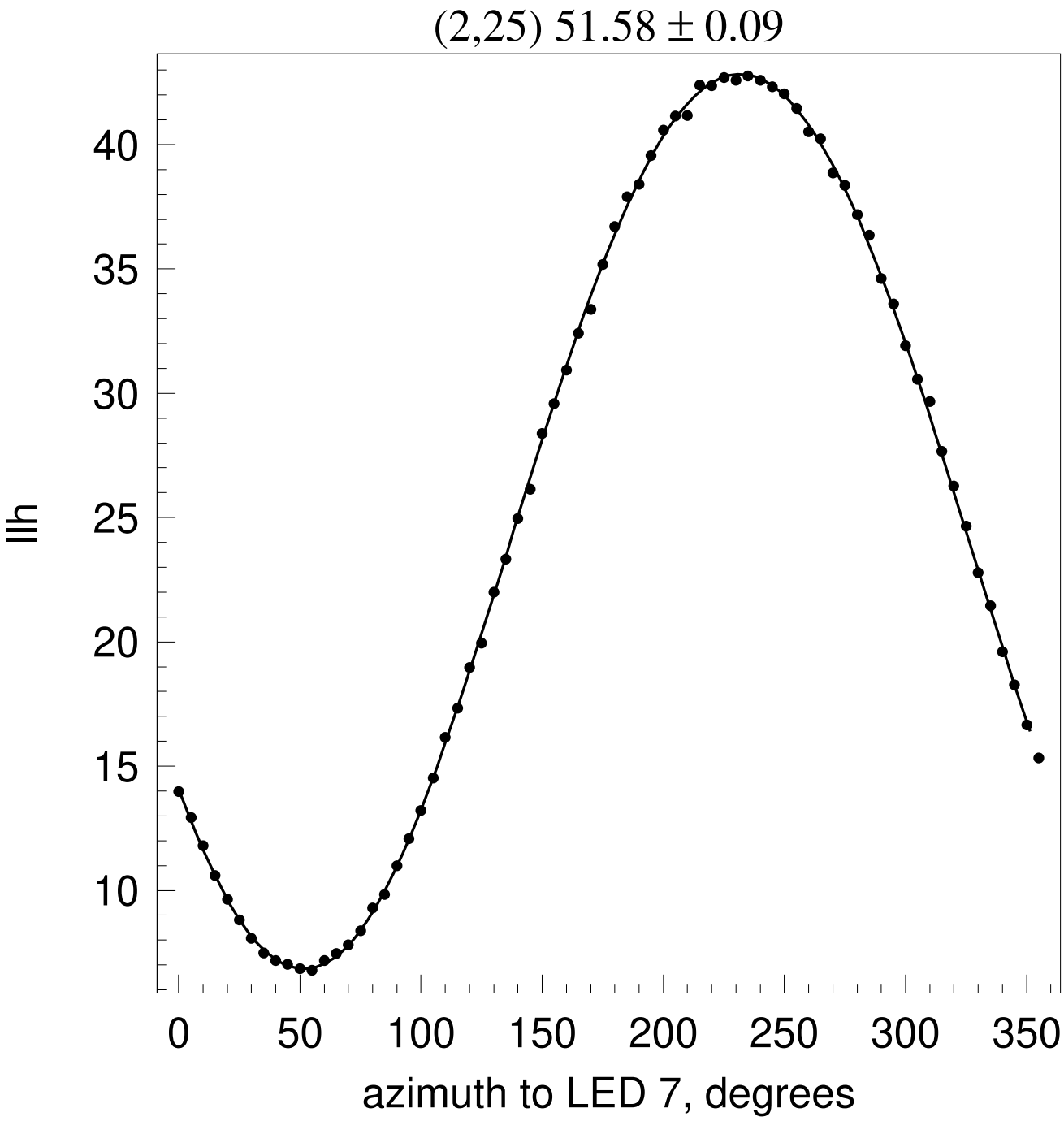

(2,20) 316.63 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

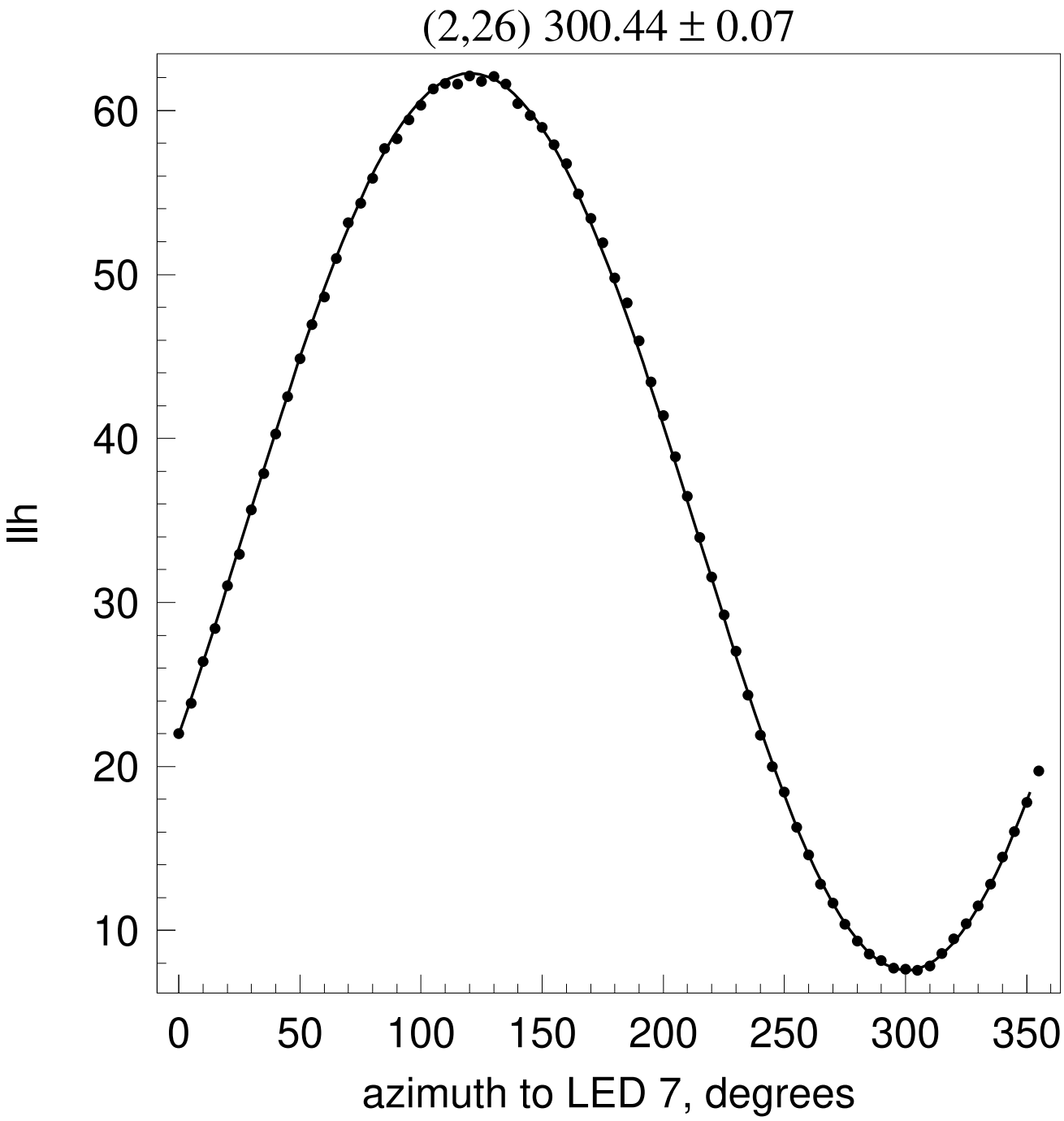

(2,21) 276.50 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

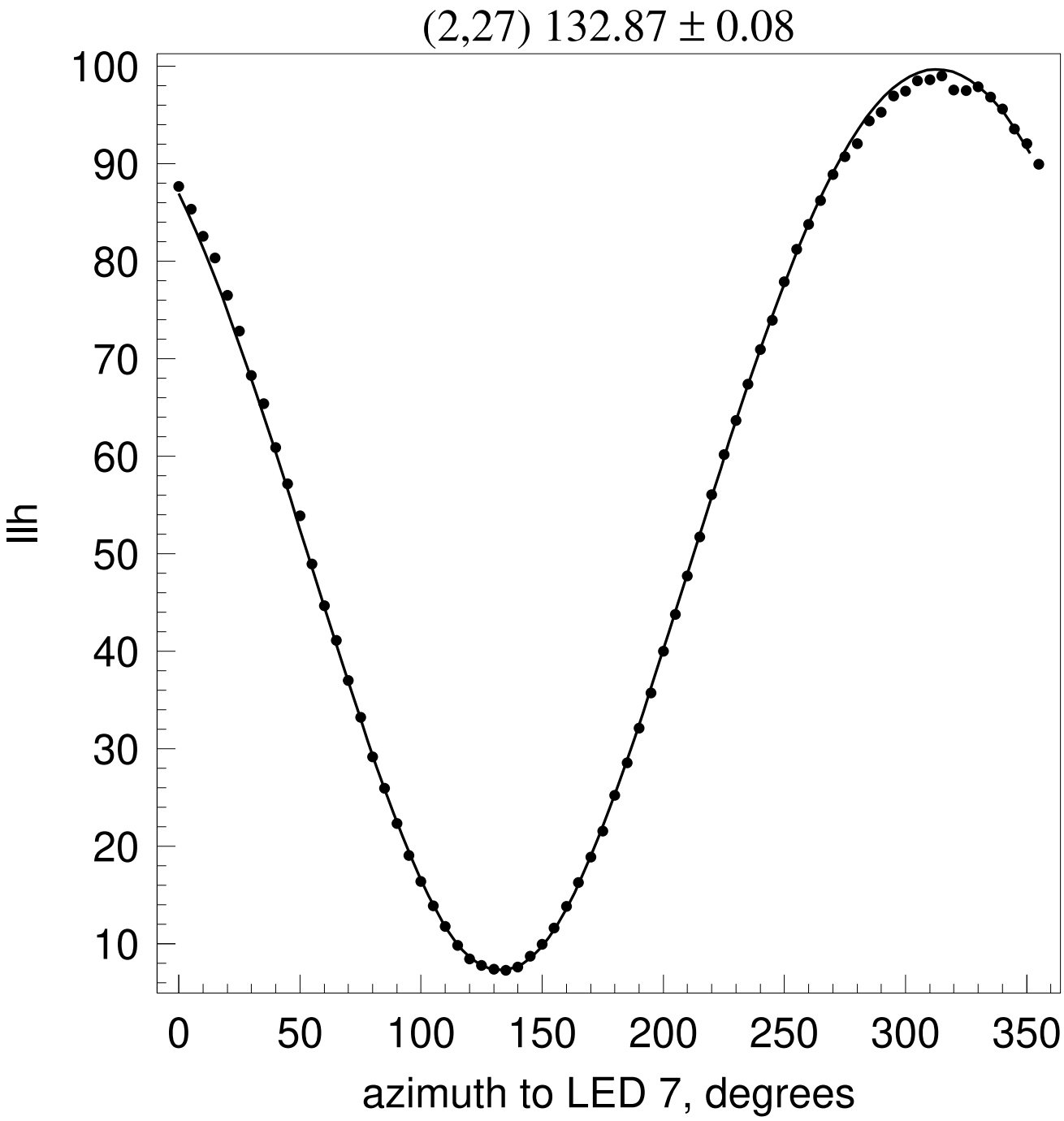

(2,22) 326.13 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

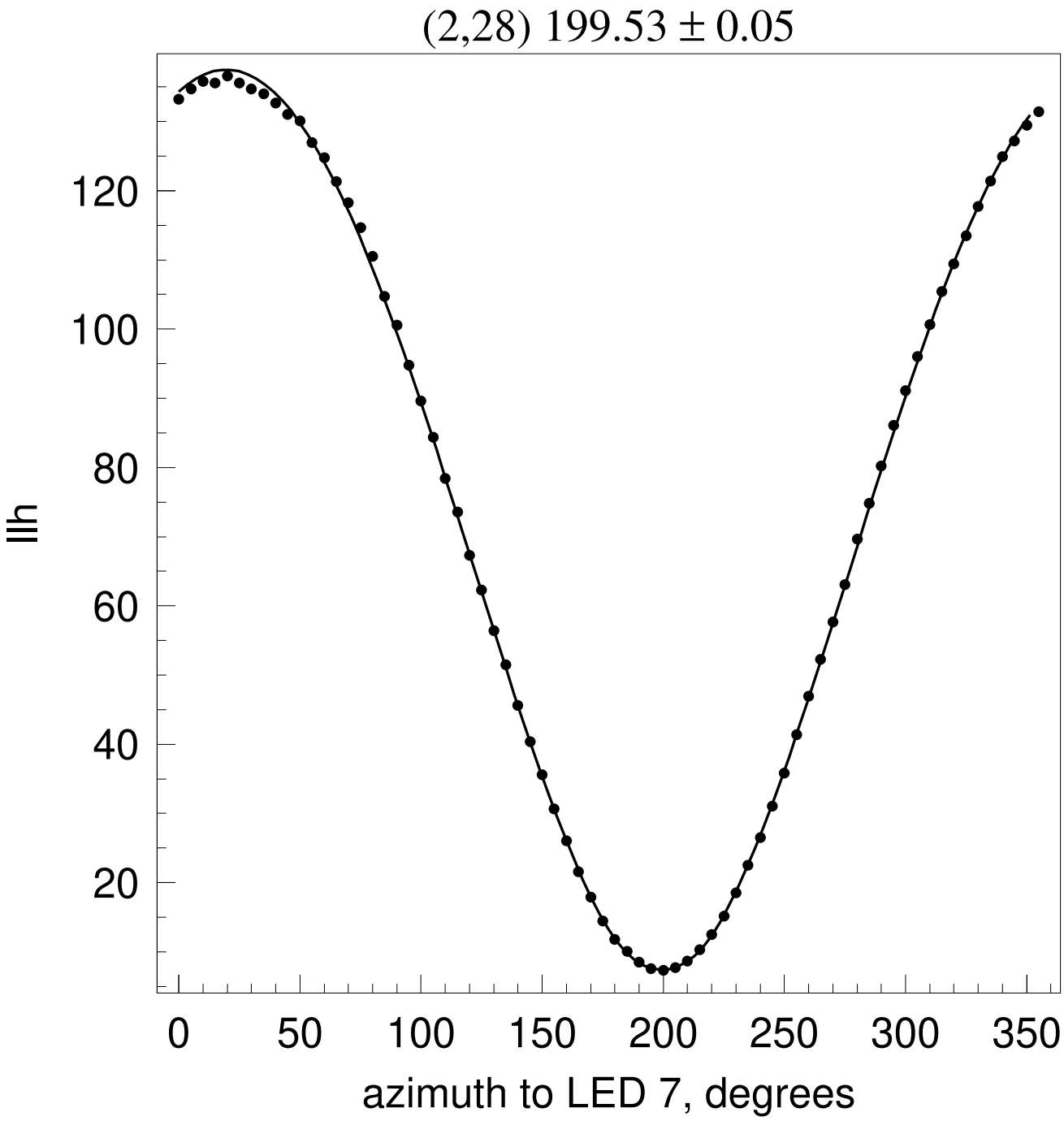

(2,23) 167.04 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

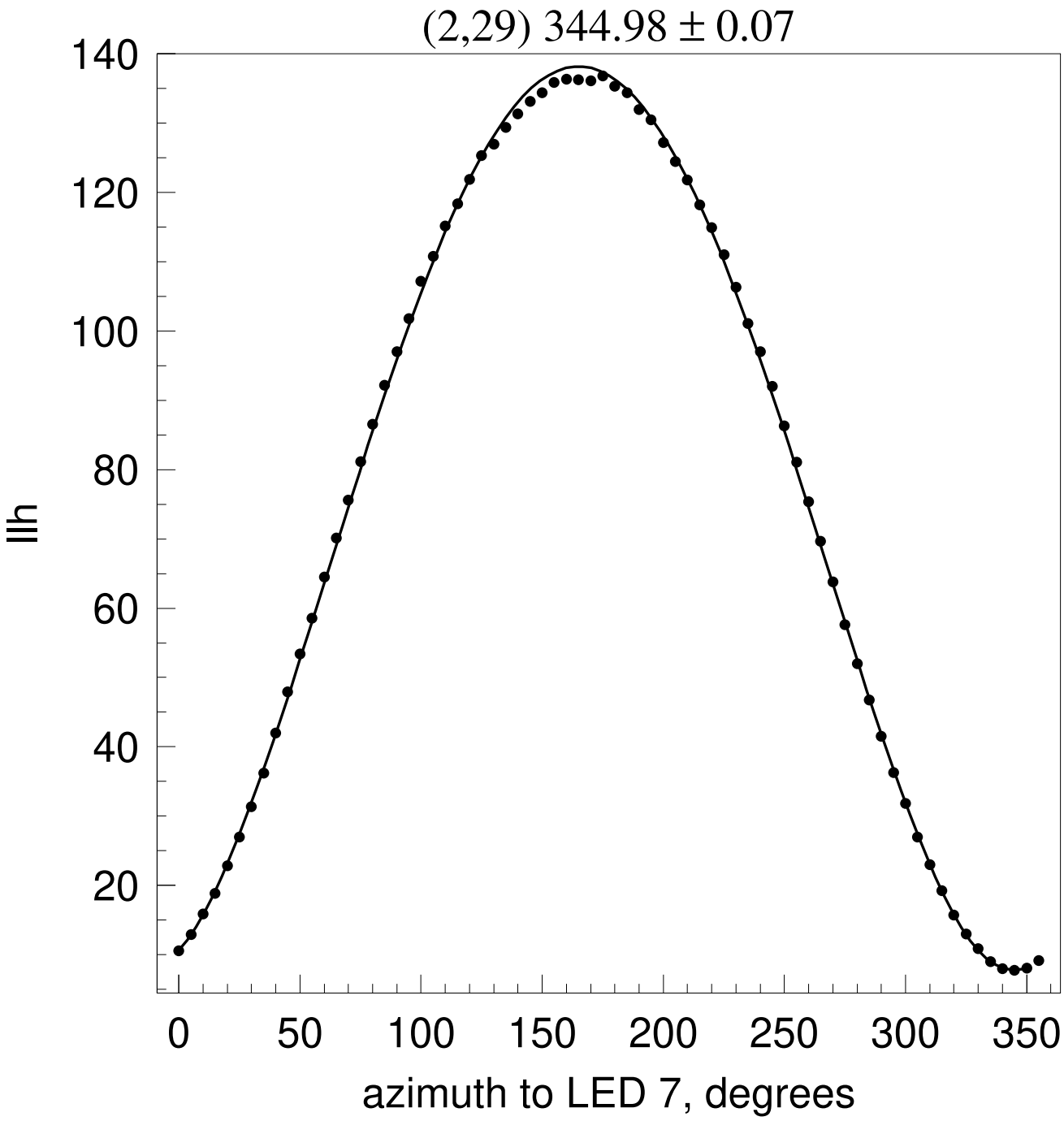

(2,24) 44.80 ± 0.12
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

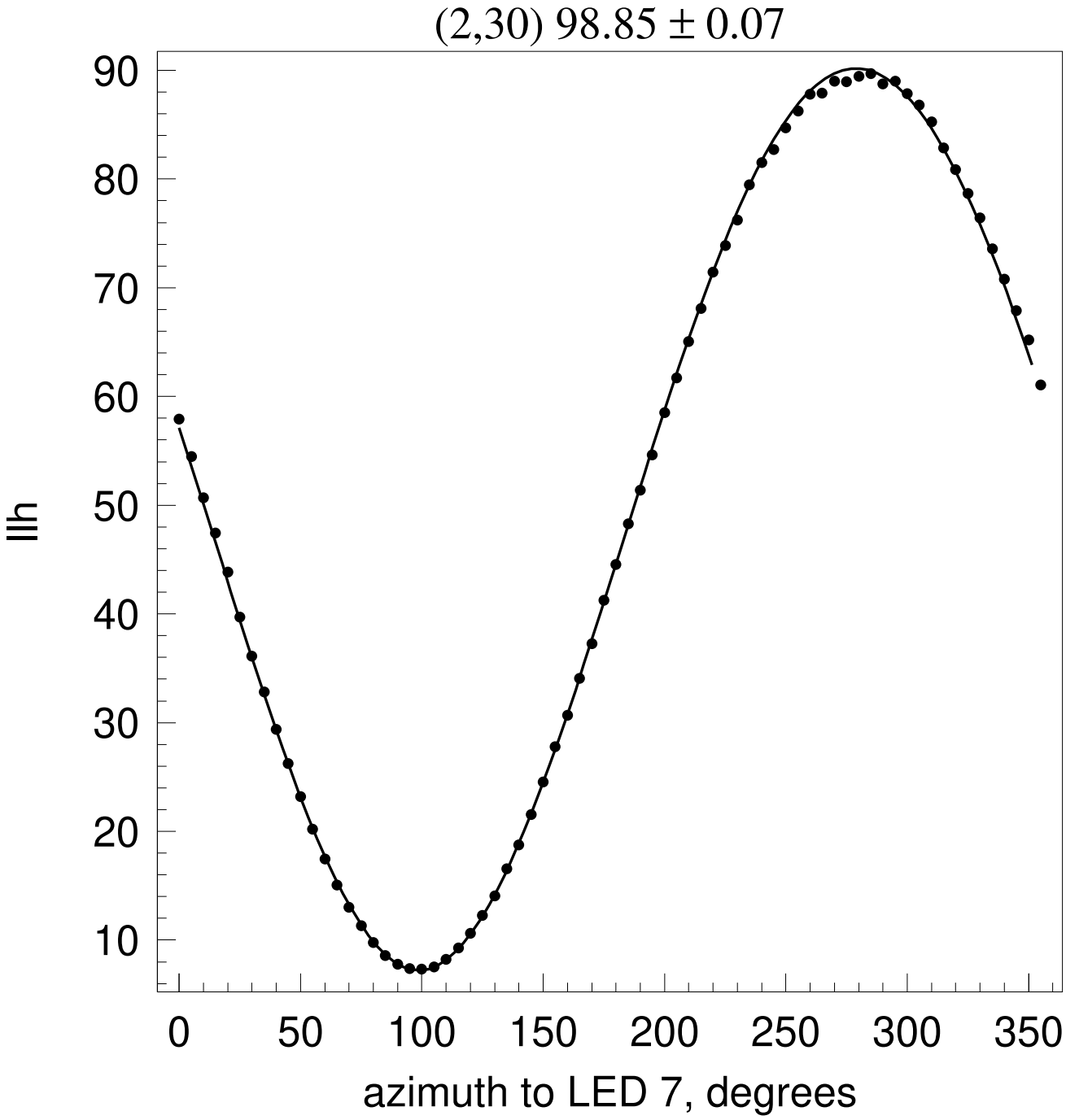

(2,25) 51.58 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

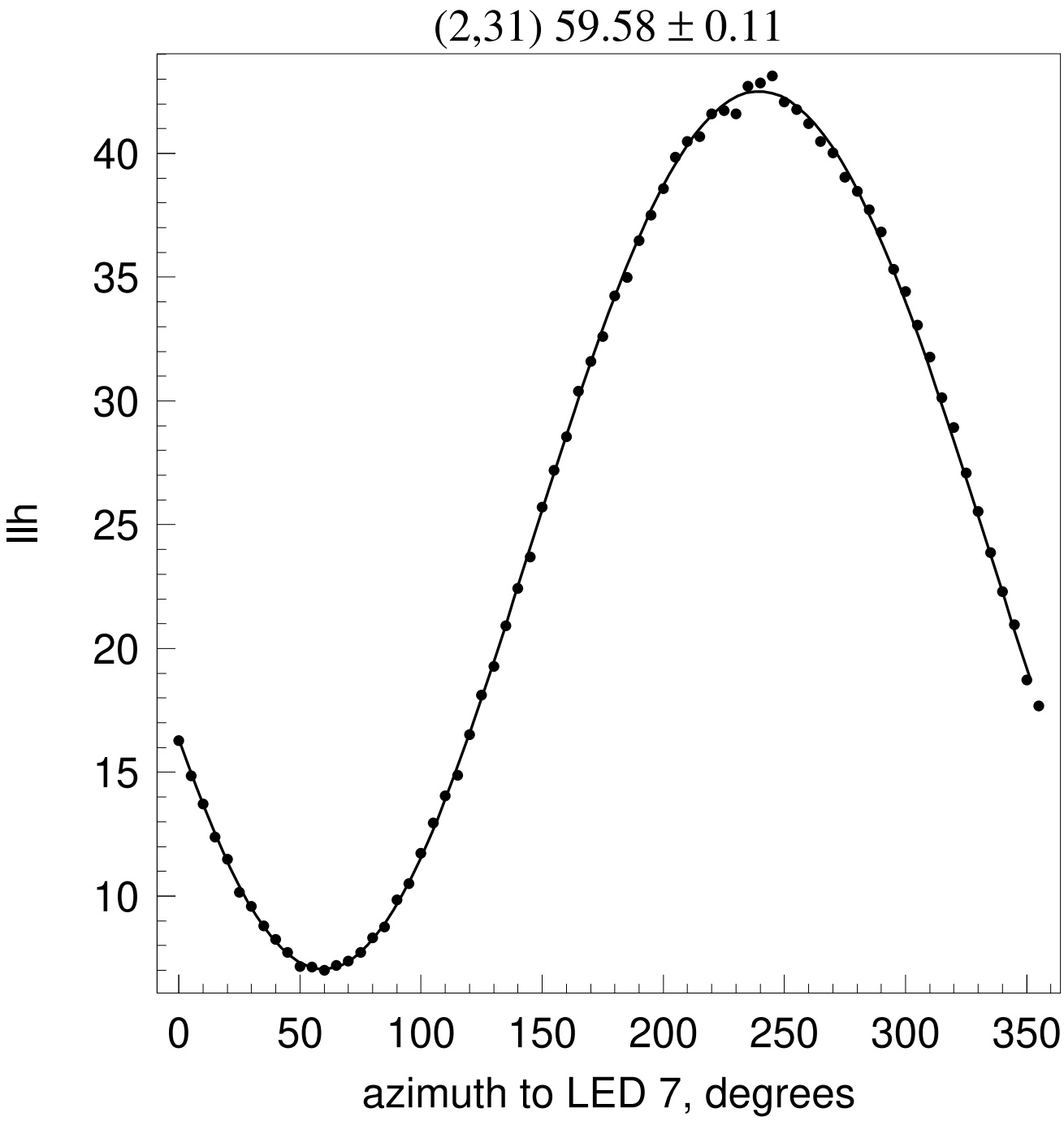

(2,26) 300.44 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

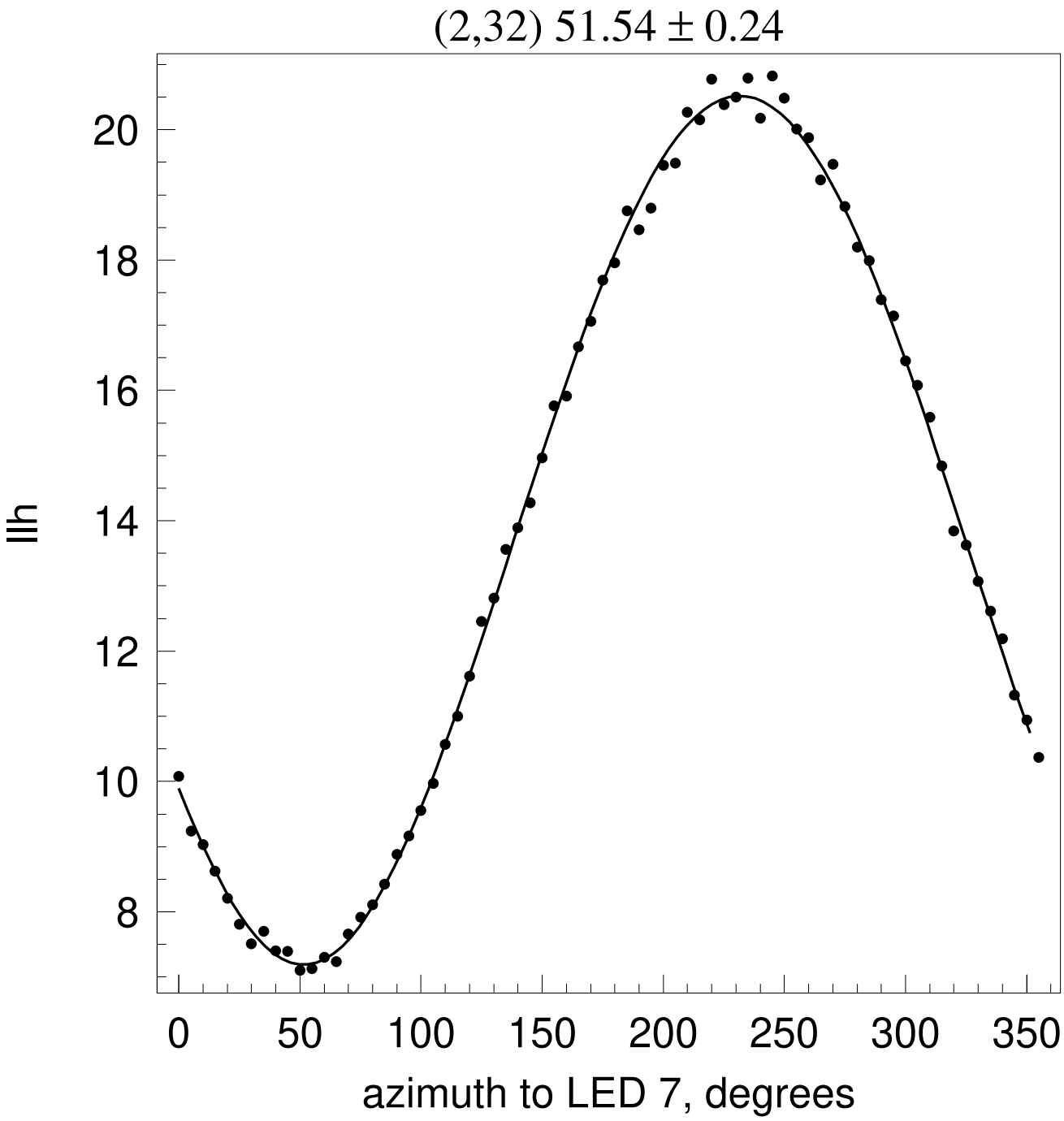

(2,27) 132.87 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

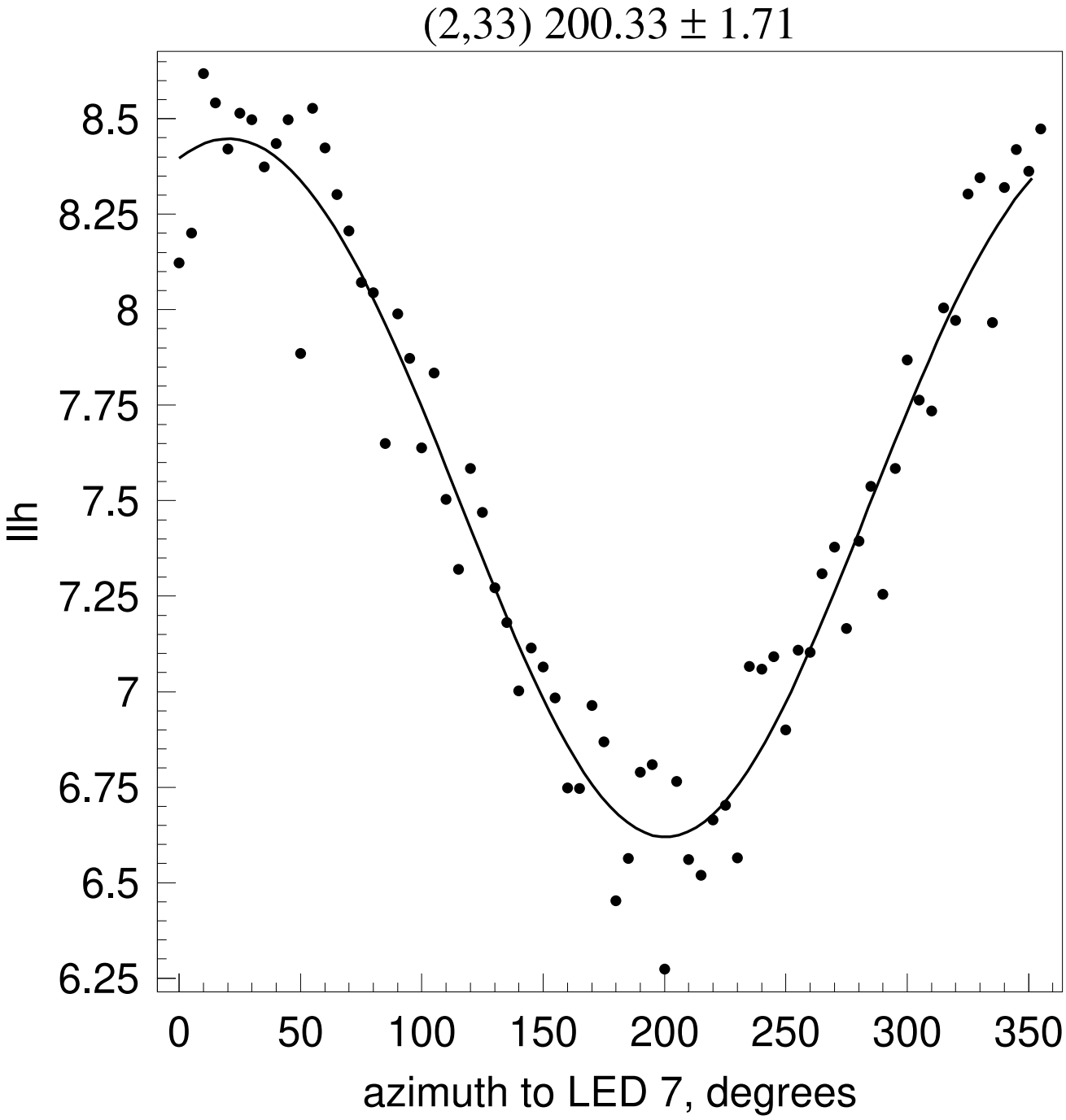

(2,28) 199.53 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

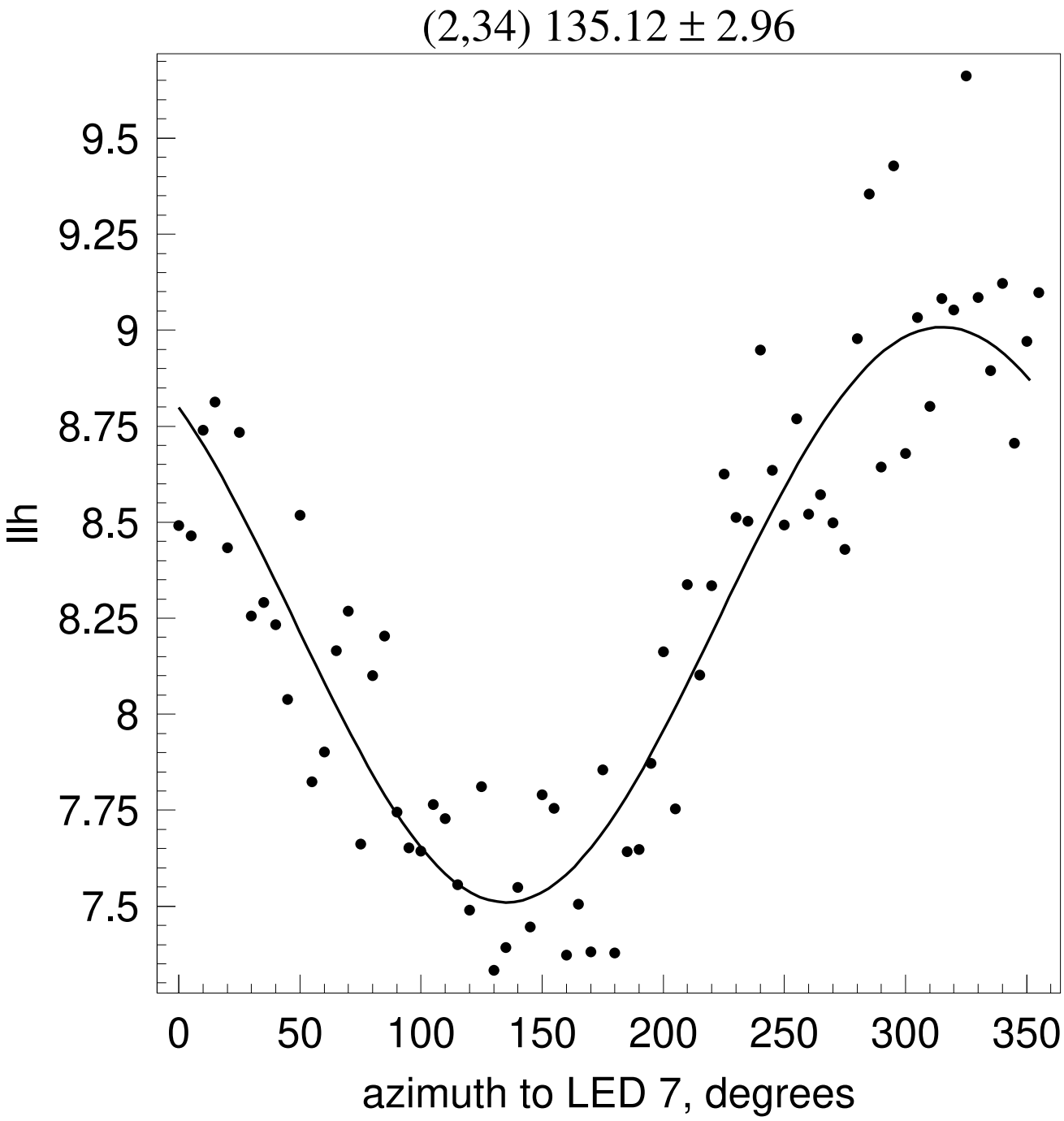

(2,29) 344.98 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

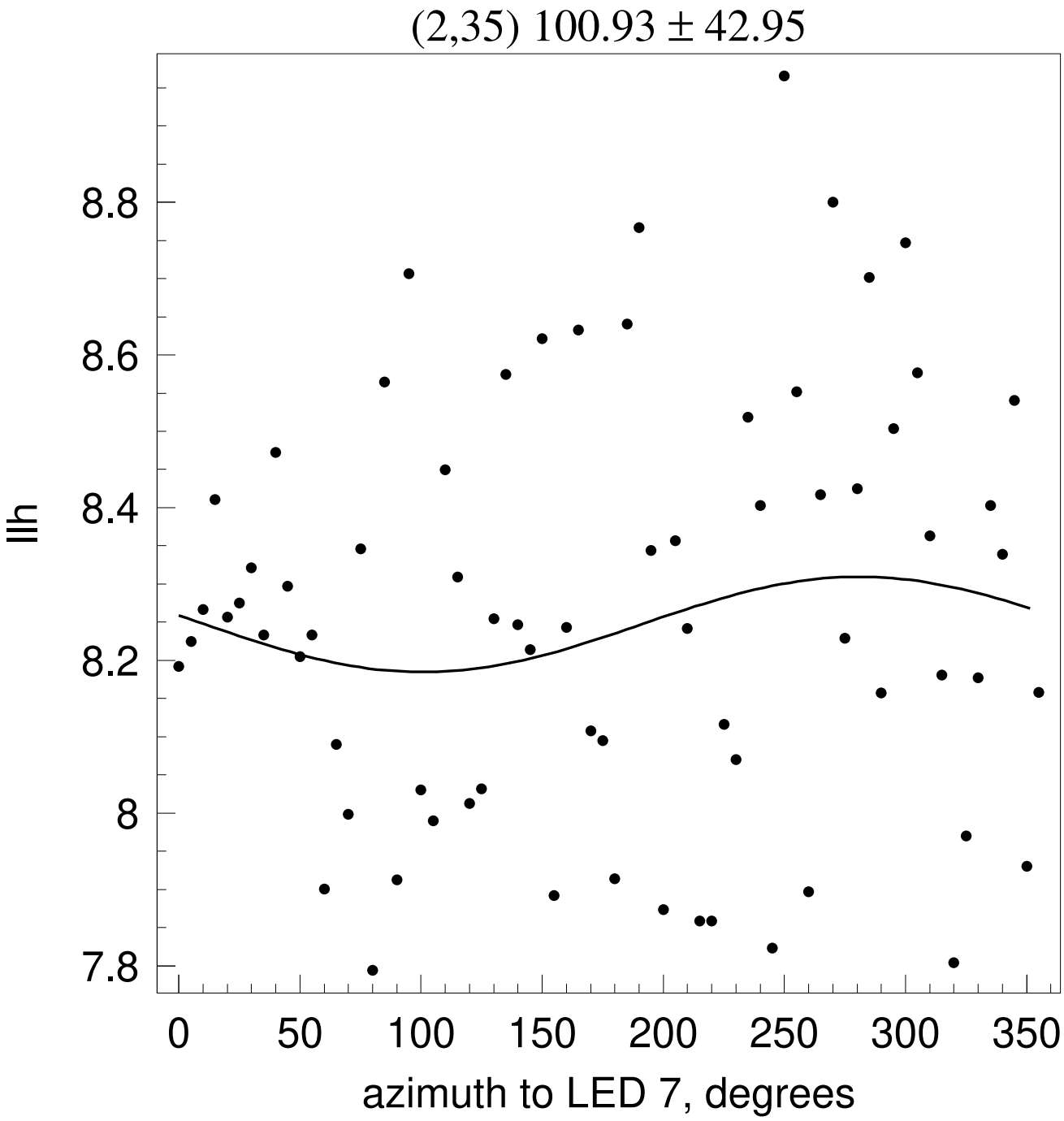

(2,30) 98.85 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

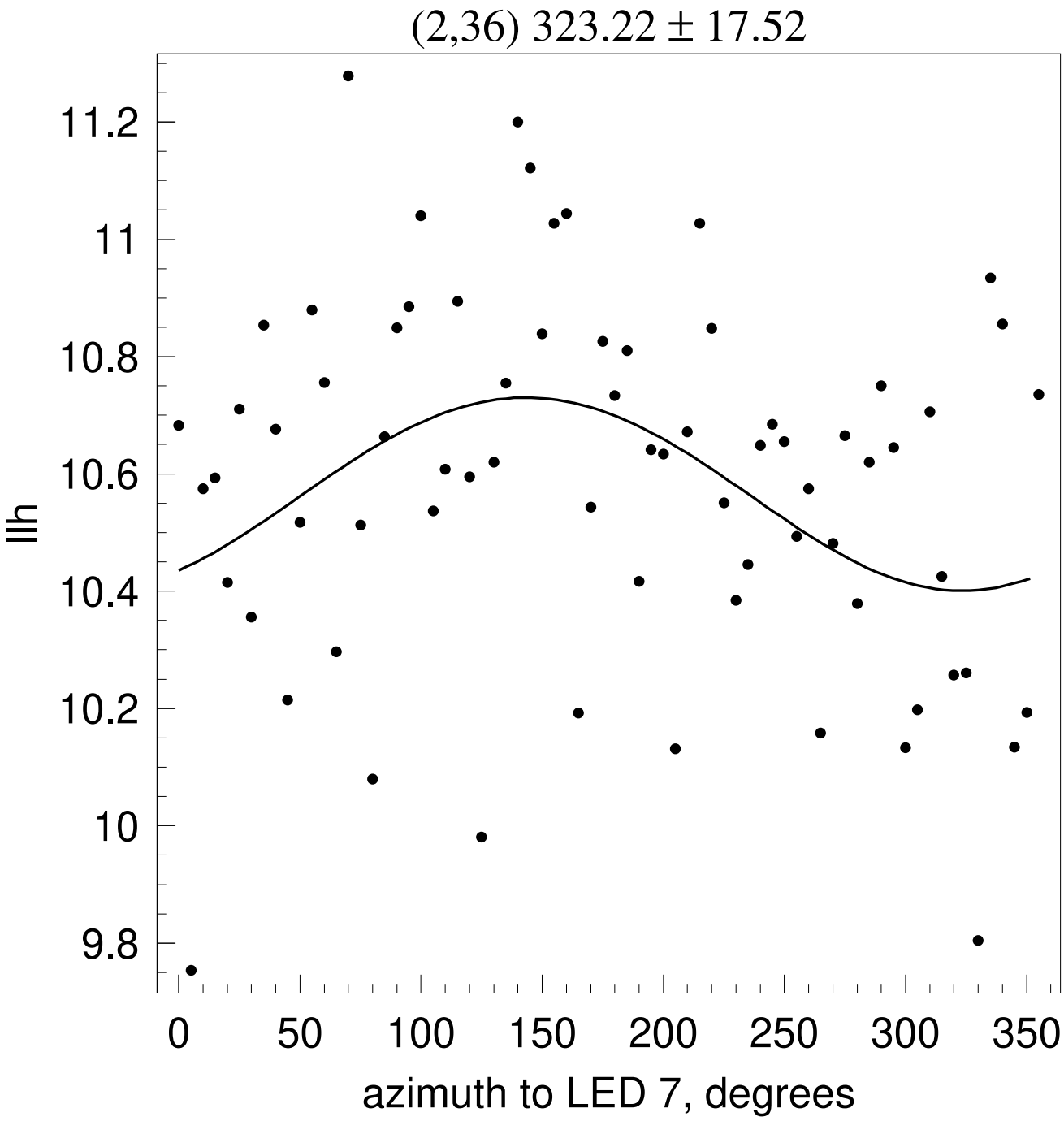

(2,31) 59.58 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

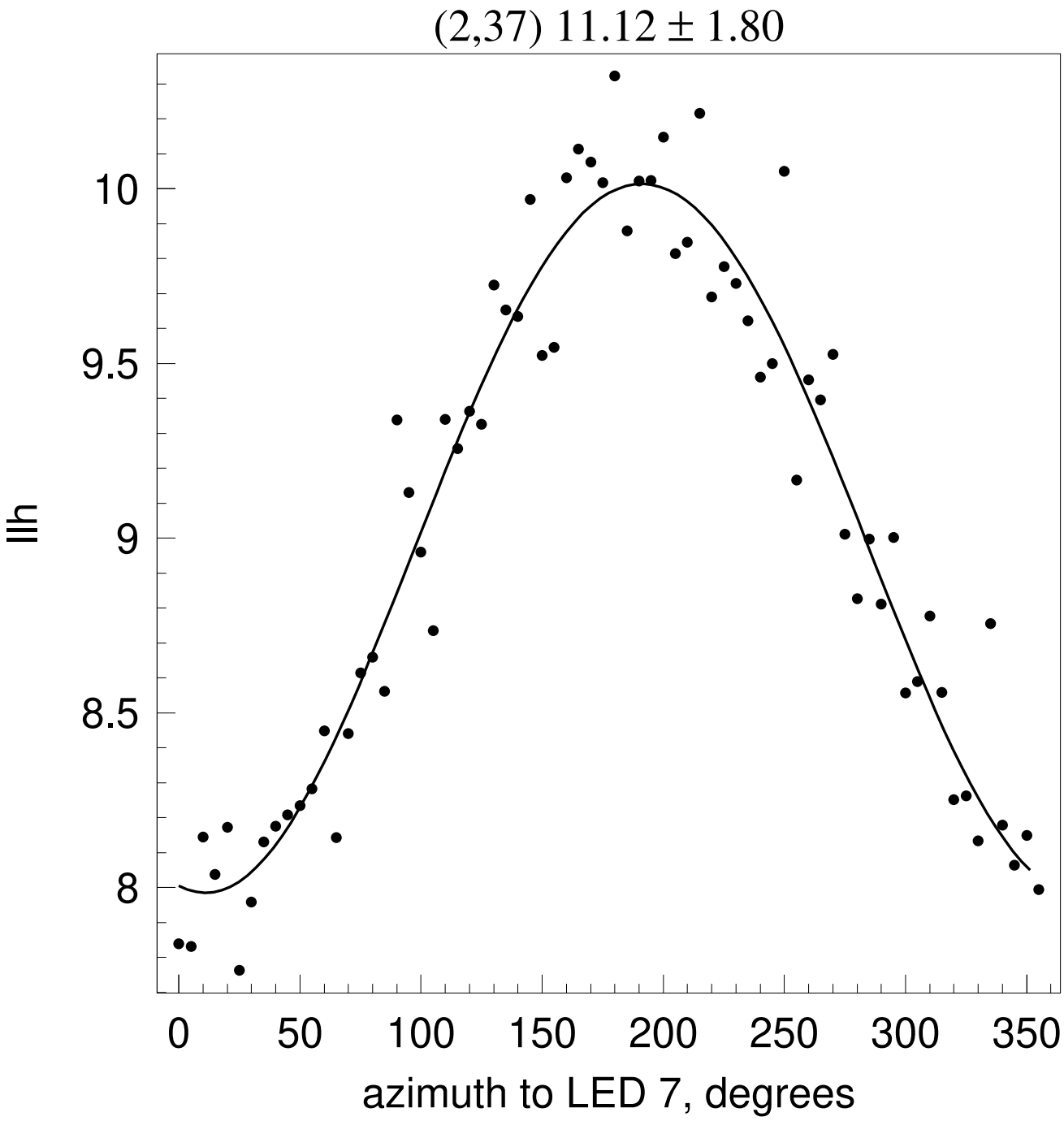

(2,32) 51.54 ± 0.24
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

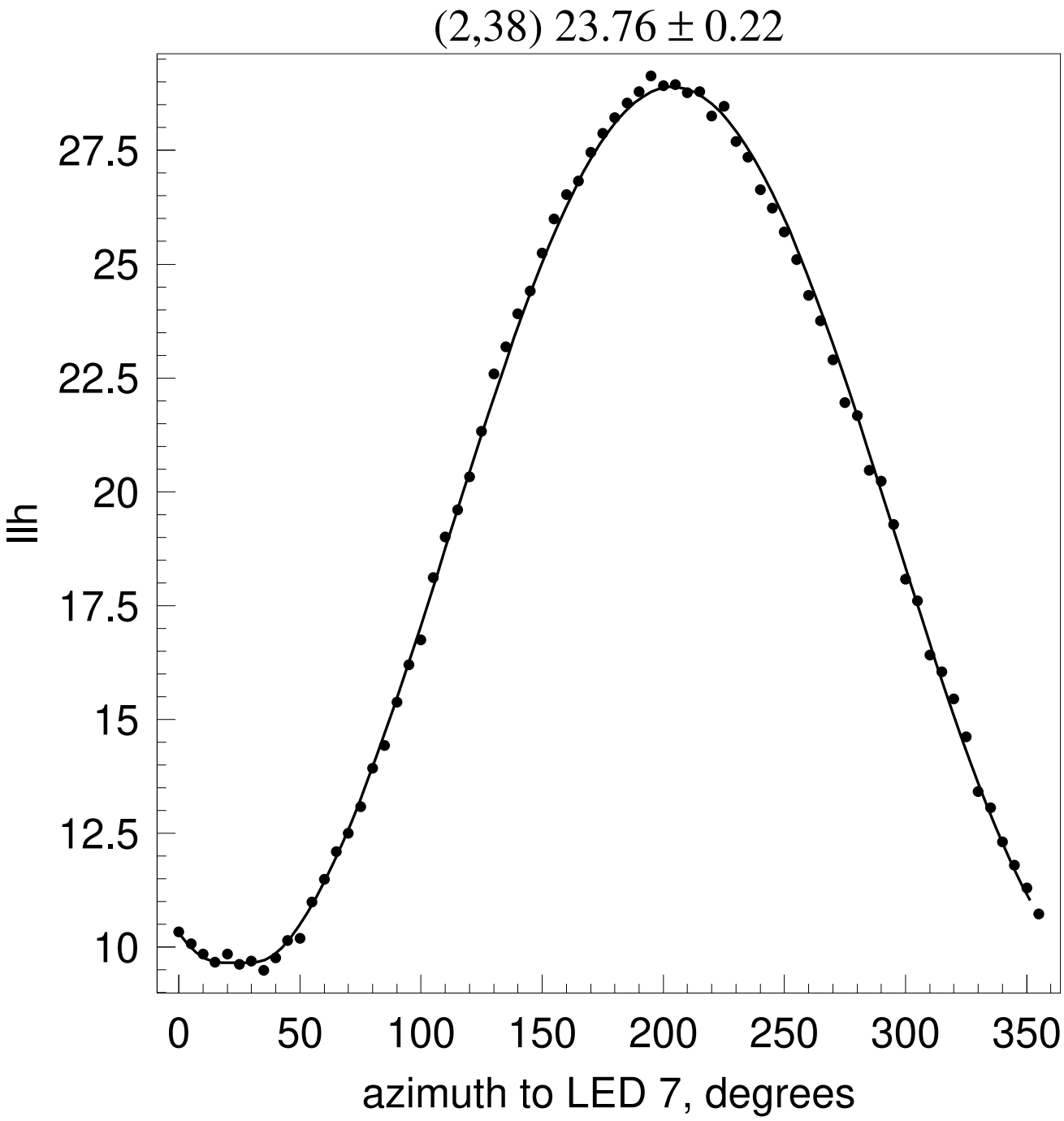

(2,33) 200.33 ± 1.71
8.5
8.25
8
7.75
7.5
7.25
7
6.75
6.5
6.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

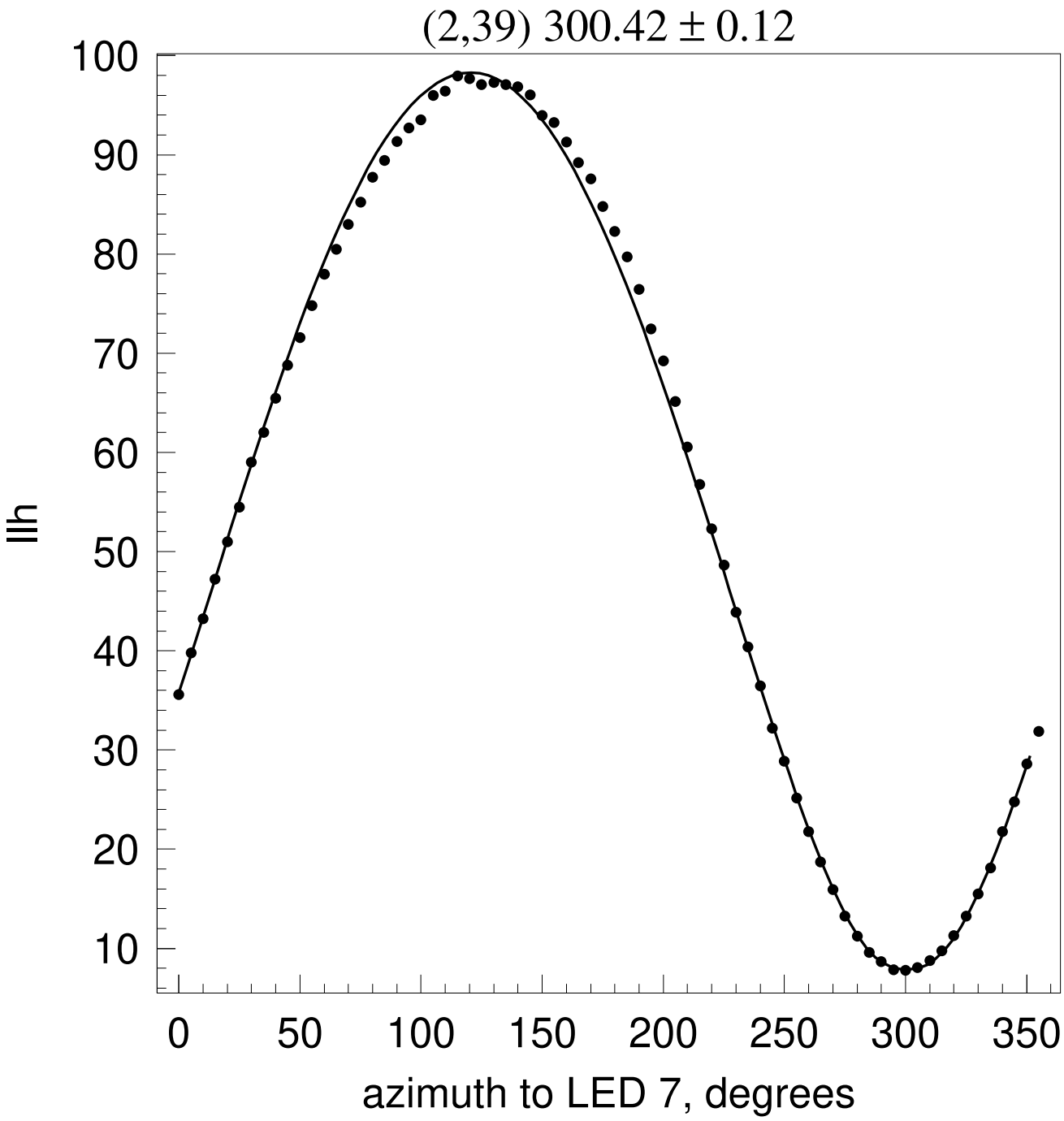

(2,34) 135.12 ± 2.96
9.5
9.25
9
8.75
8.5
8.25
8
7.75
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

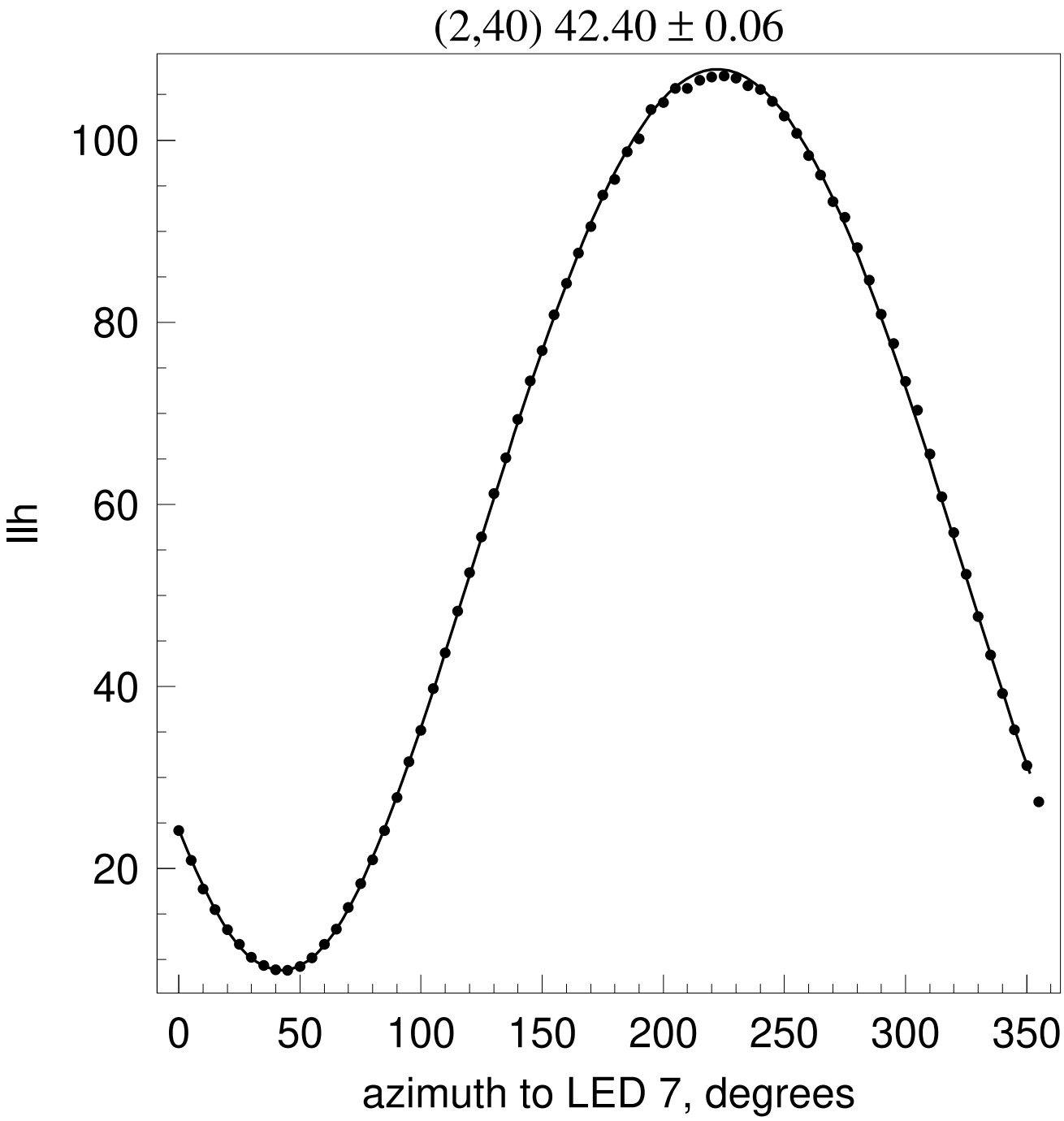

(2,35) 100.93 ± 42.95
8.8
8.6
8.4
8.2
8
7.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

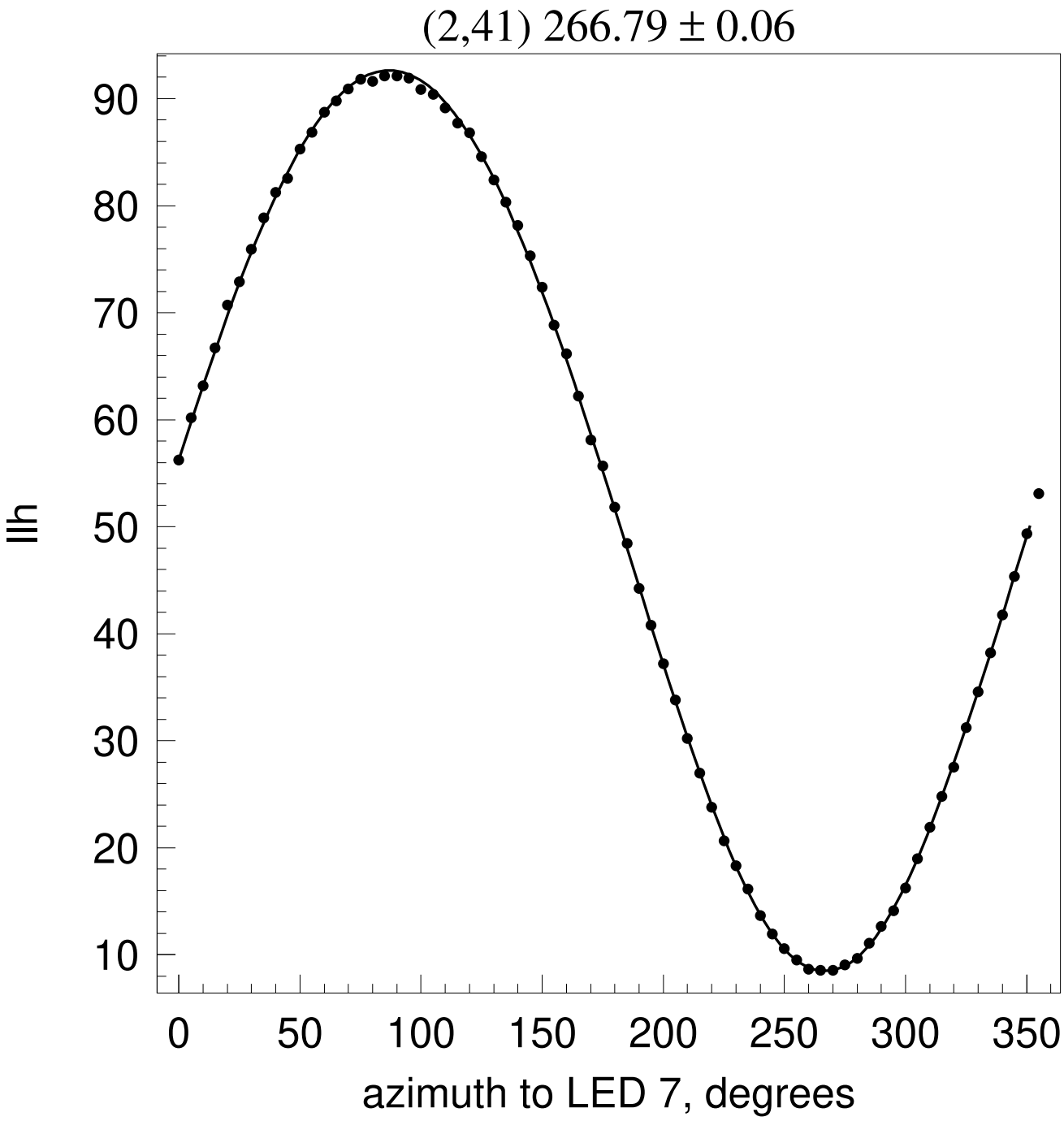

(2,36) 323.22 ± 17.52
11.2
11
10.8
10.6
10.4
10.2
10
9.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

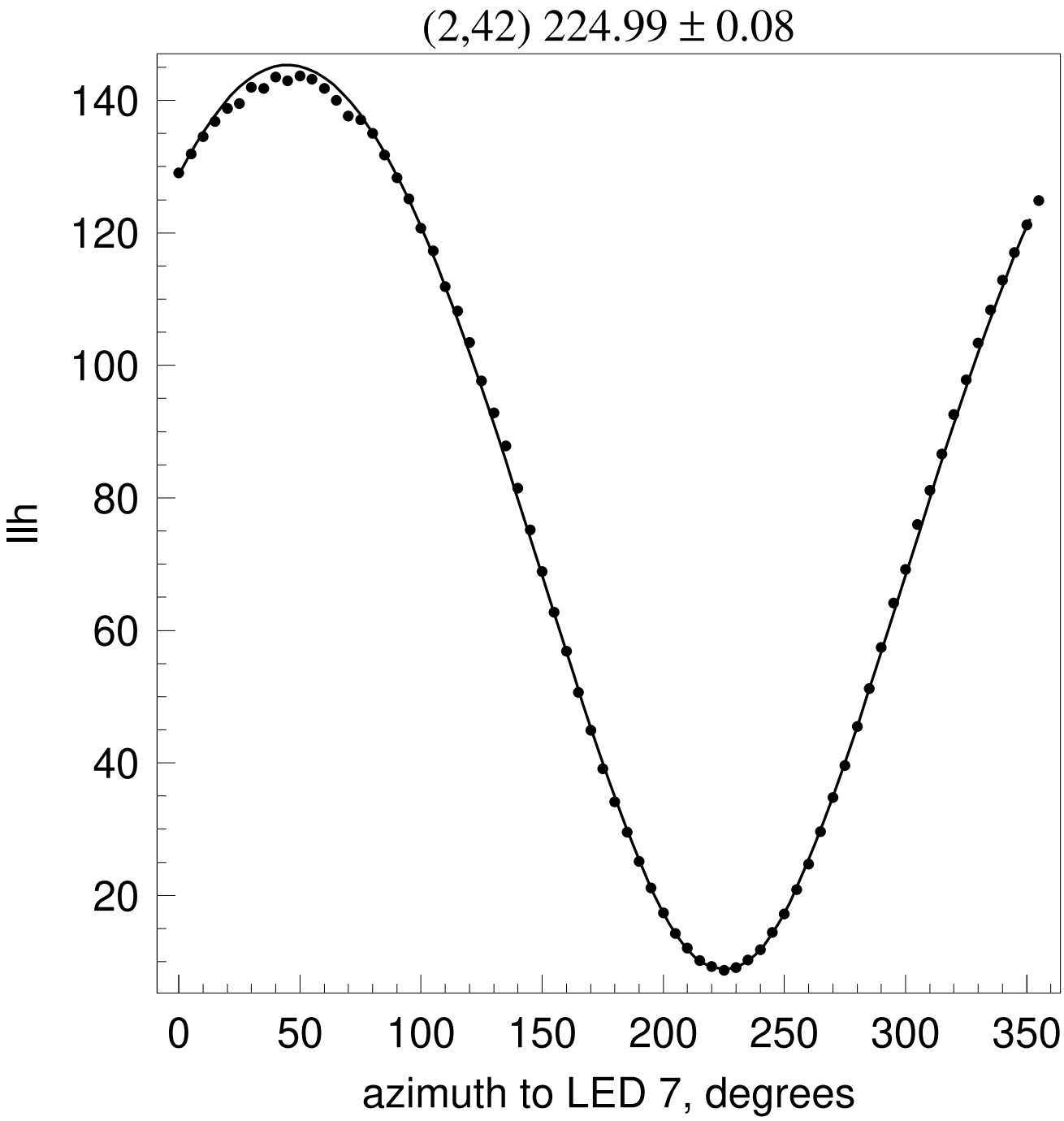

(2,37) 11.12 ± 1.80
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

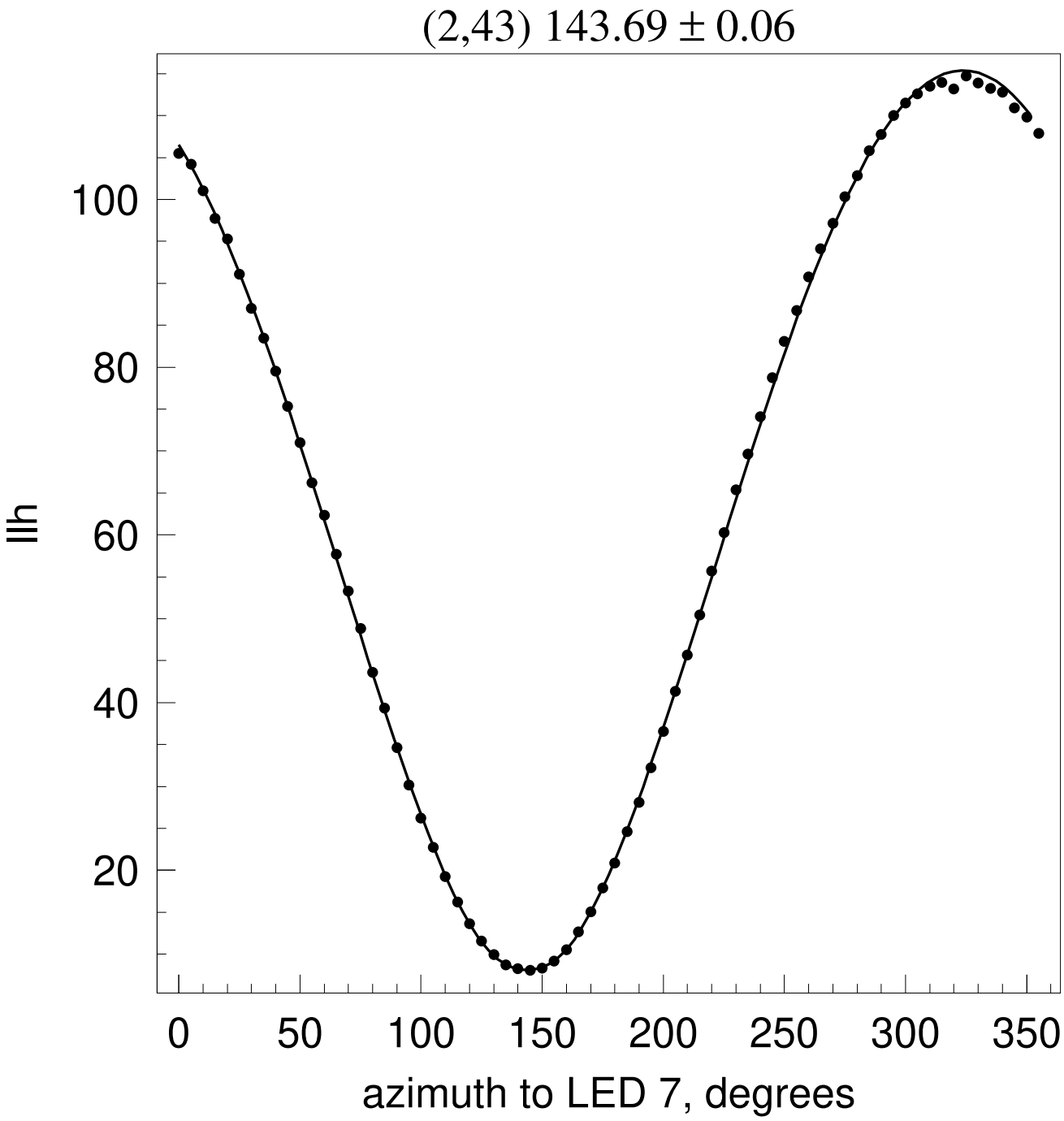

(2,38) 23.76 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

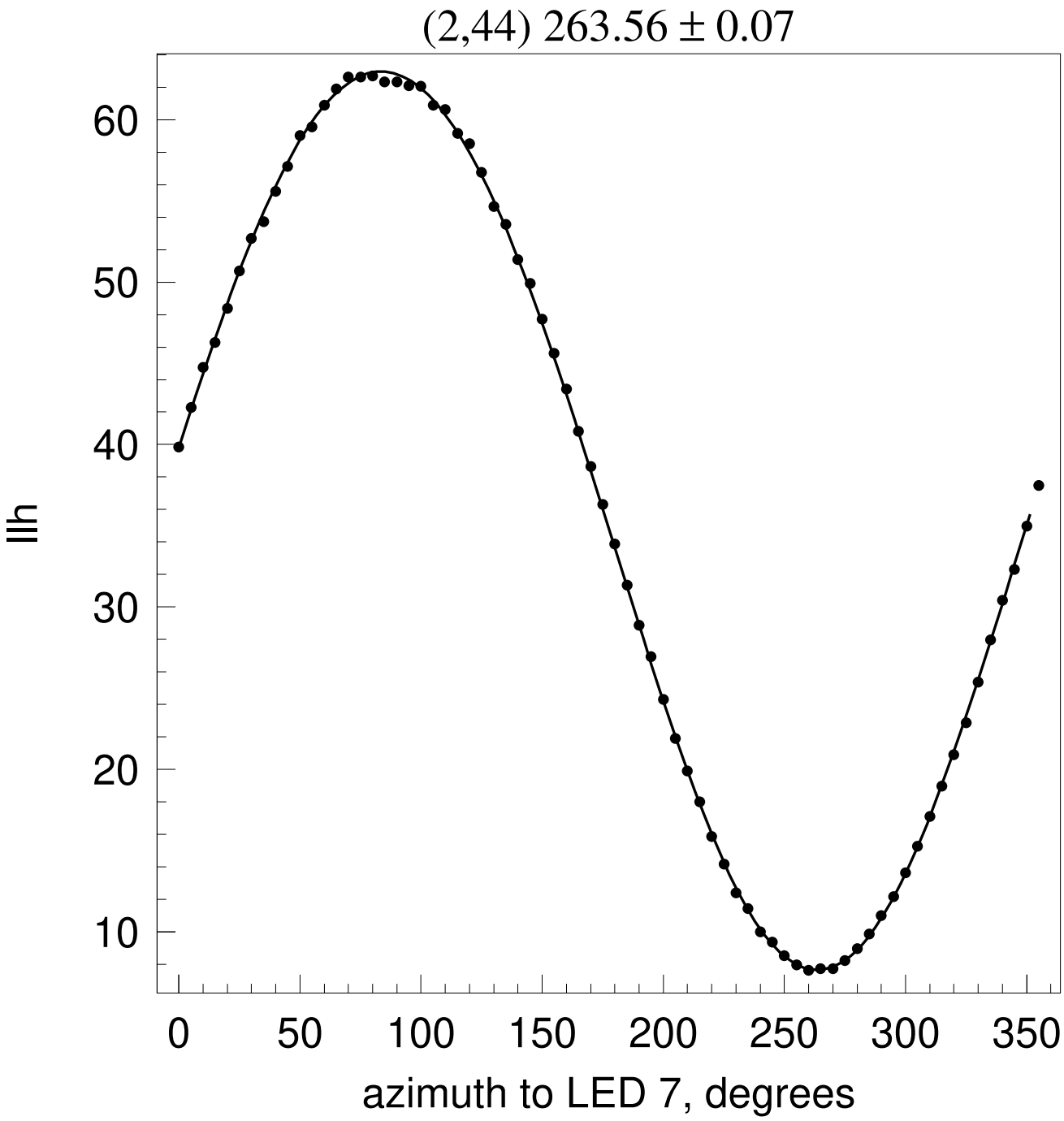

(2,39) 300.42 ± 0.12
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

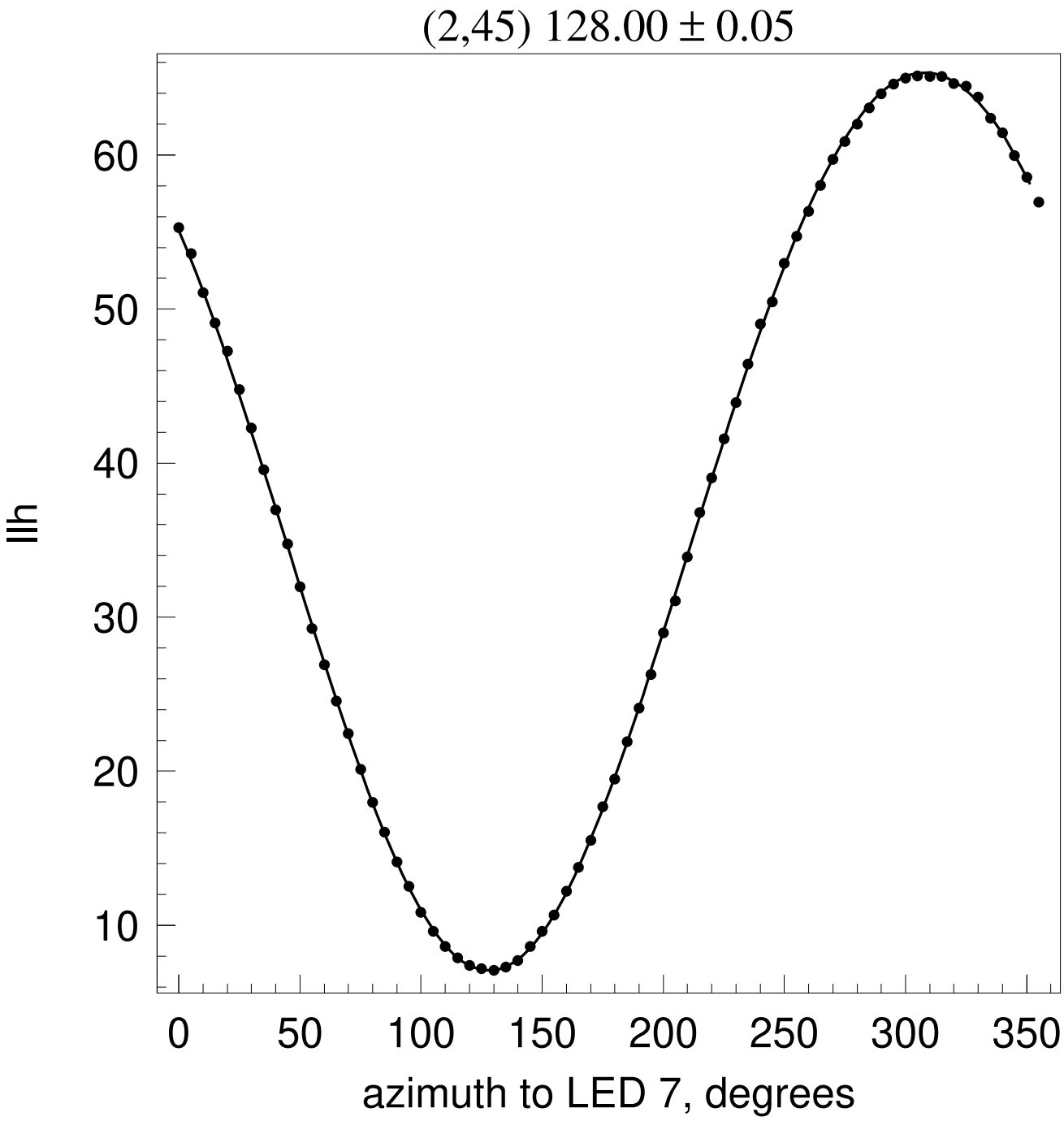

(2,40) 42.40 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

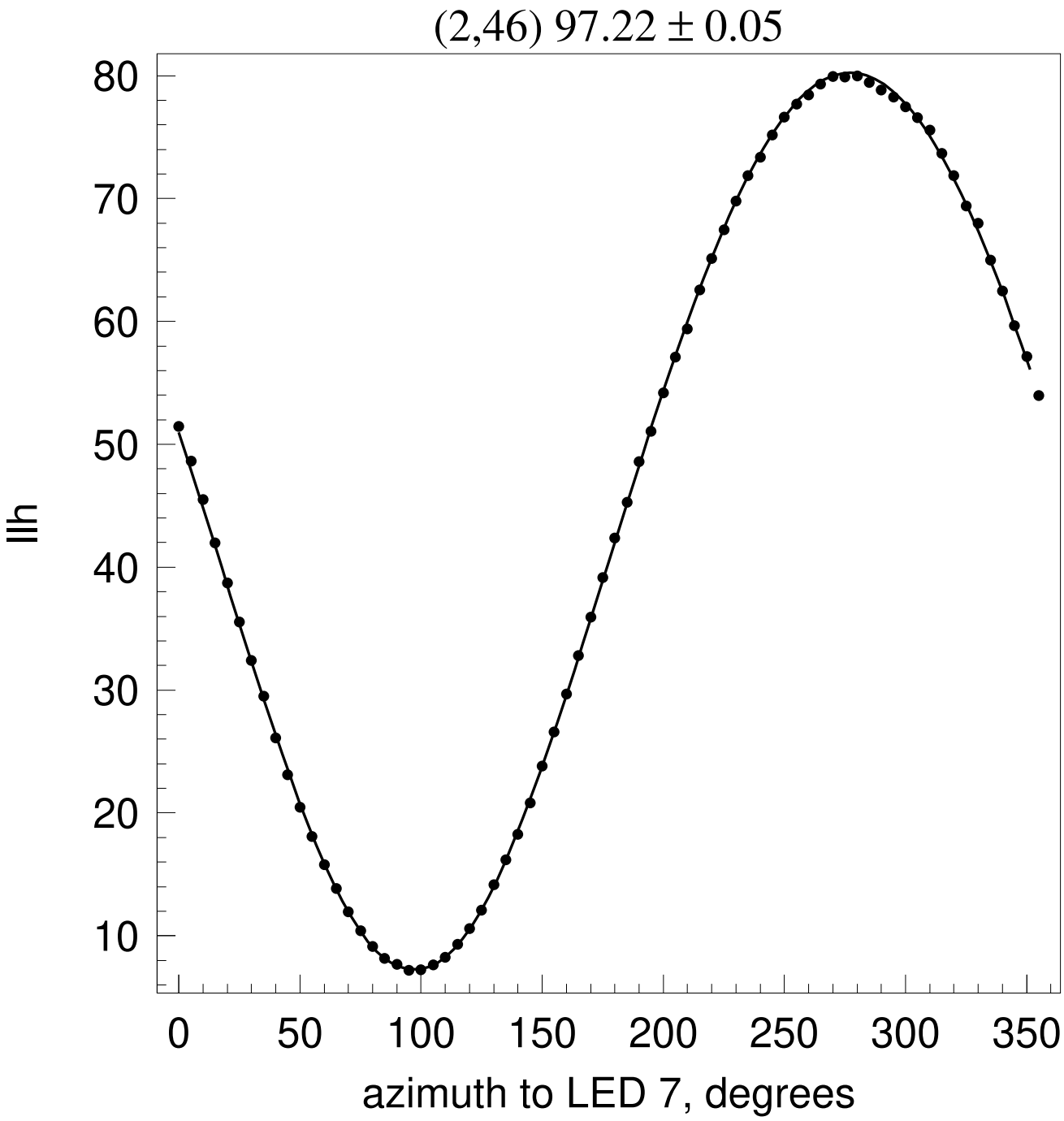

(2,41) 266.79 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

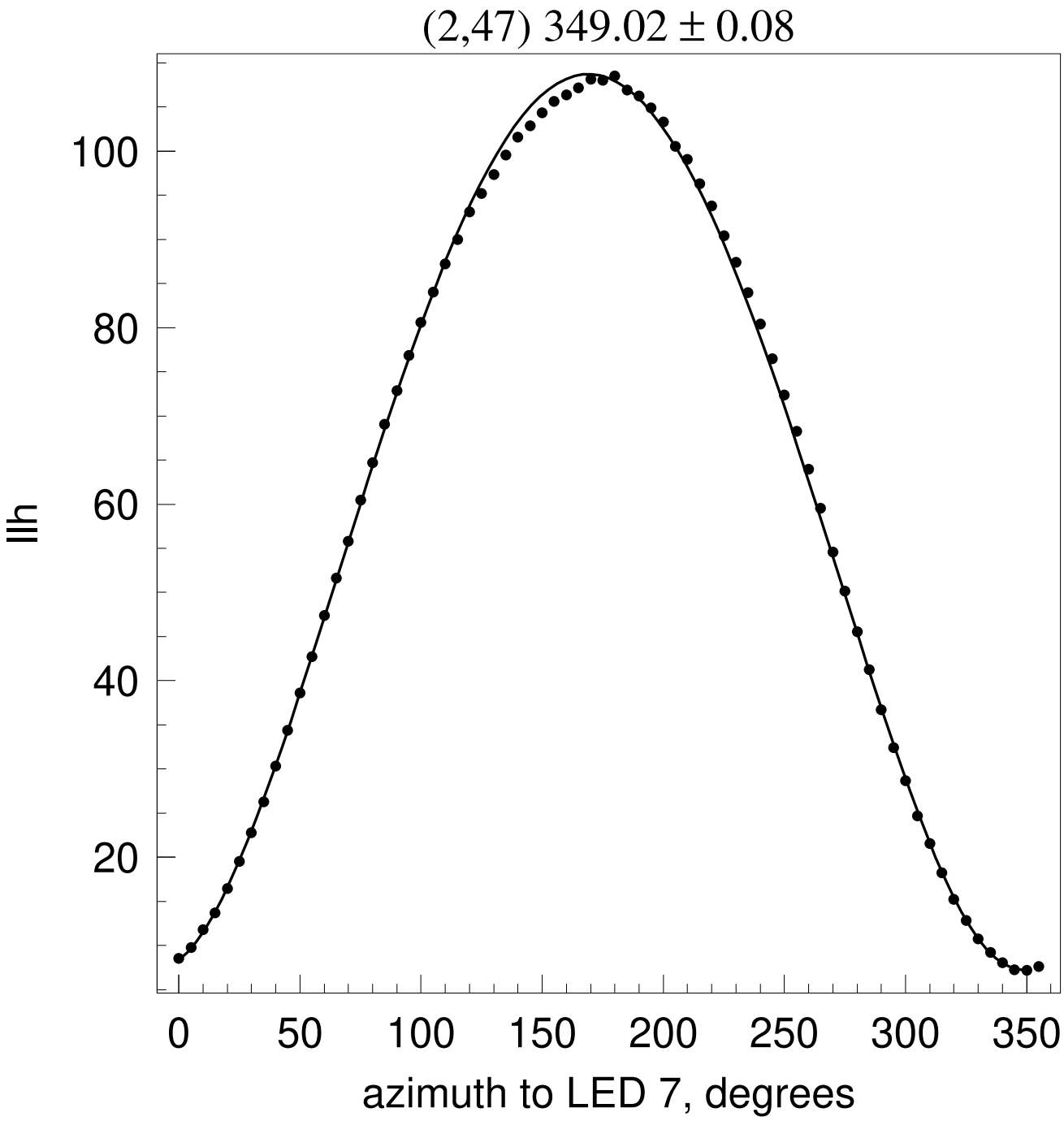

(2,42) 224.99 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

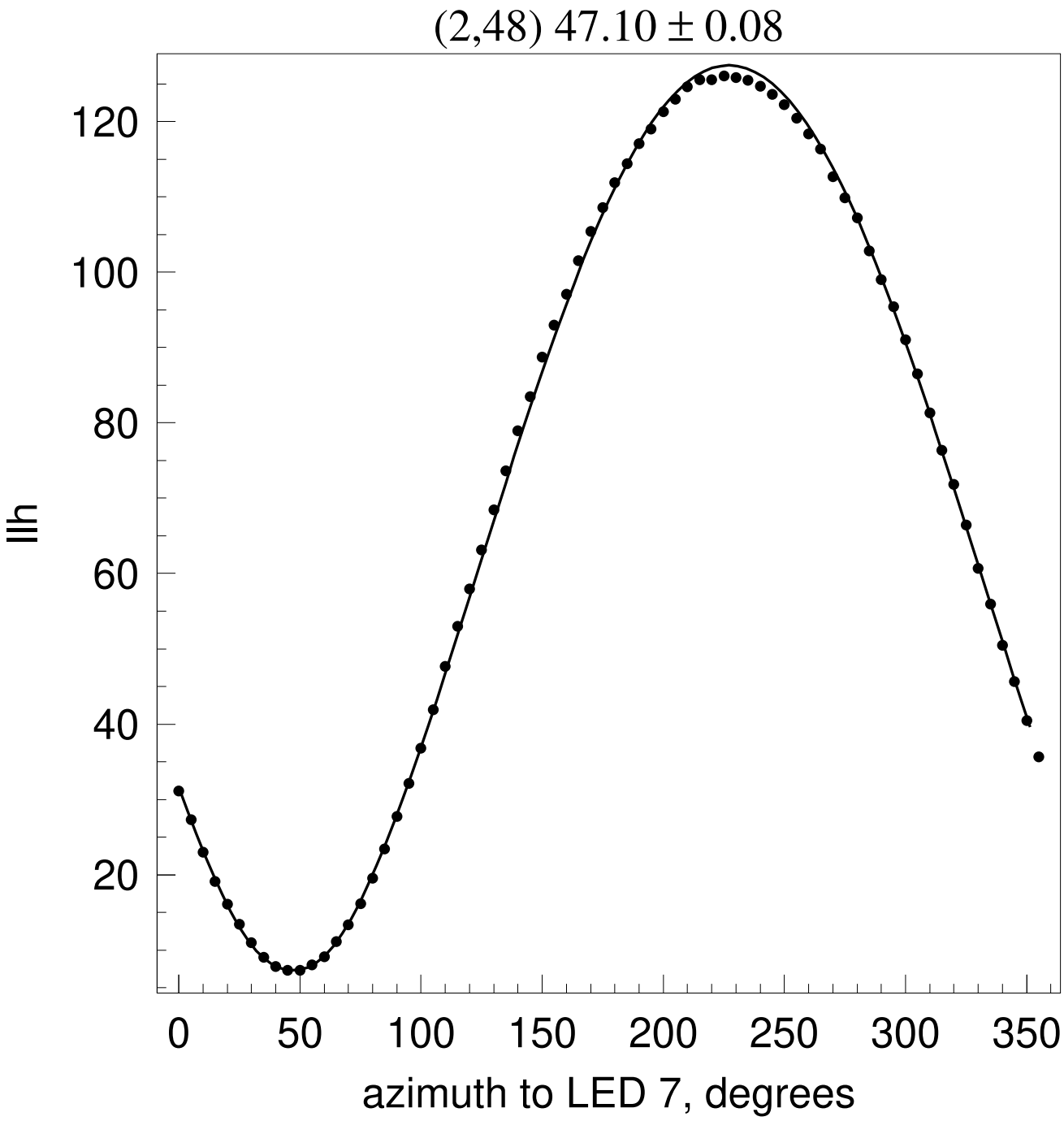

(2,43) 143.69 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

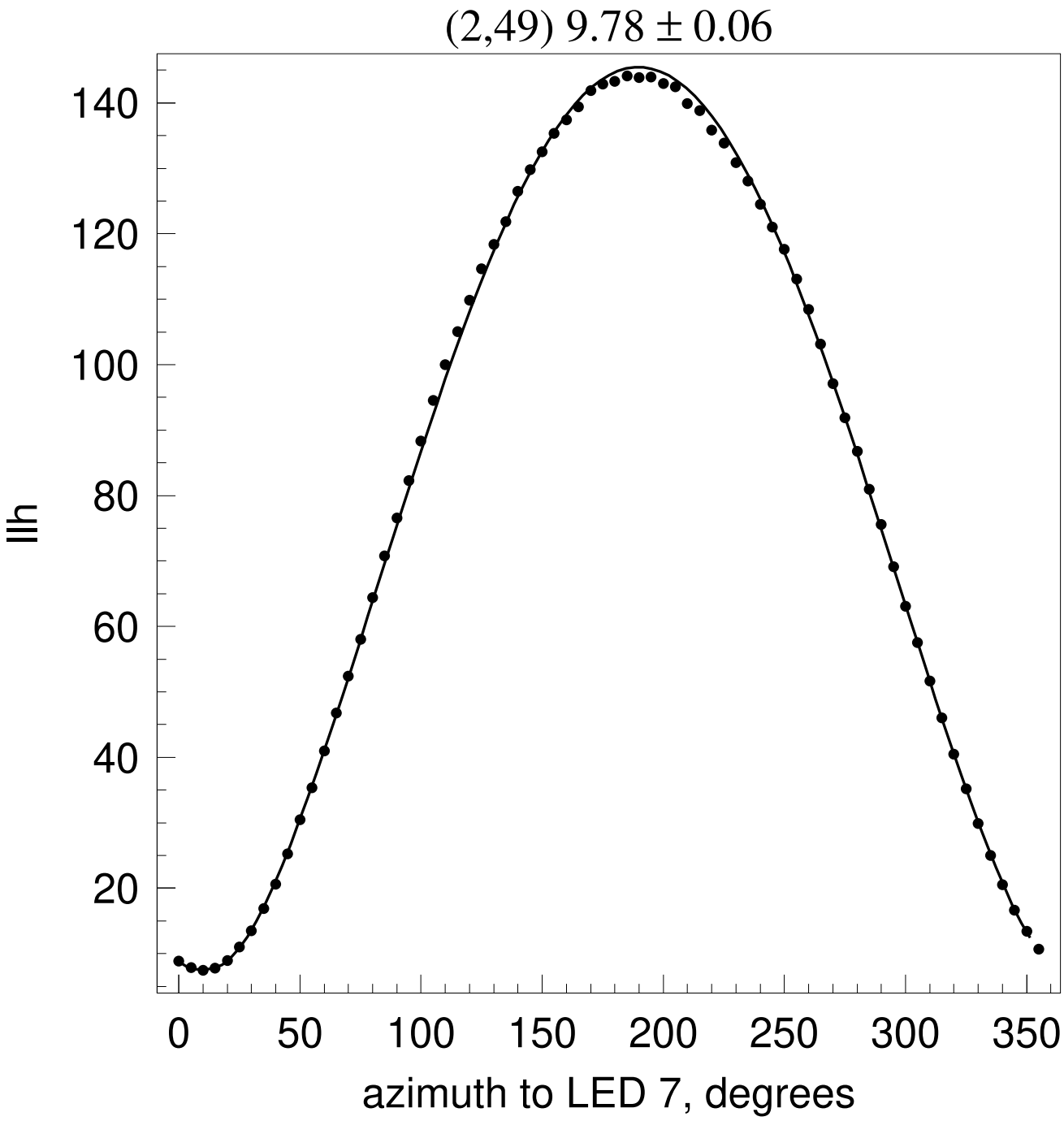

(2,44) 263.56 ± 0.07
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

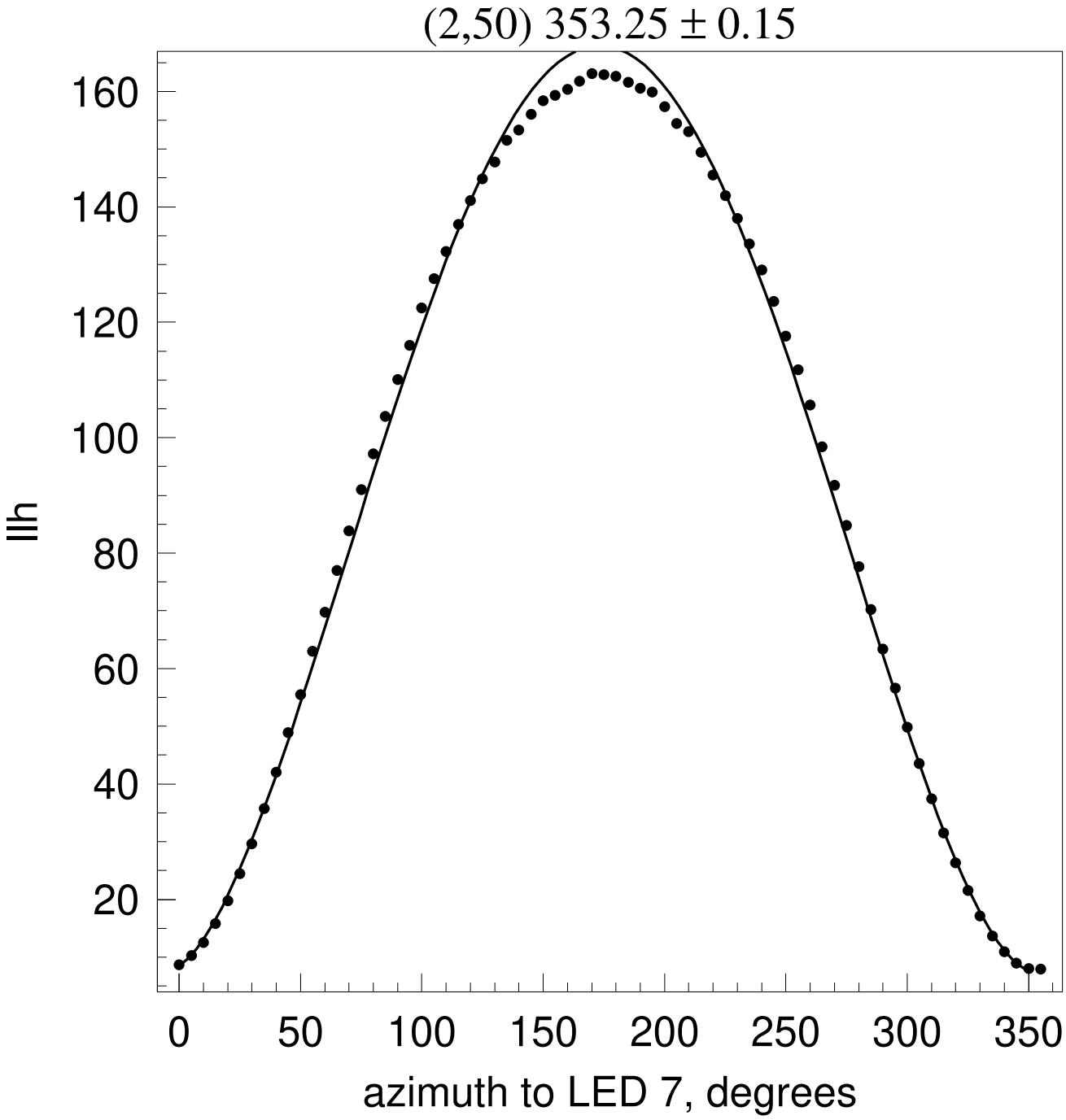

(2,45) 128.00 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

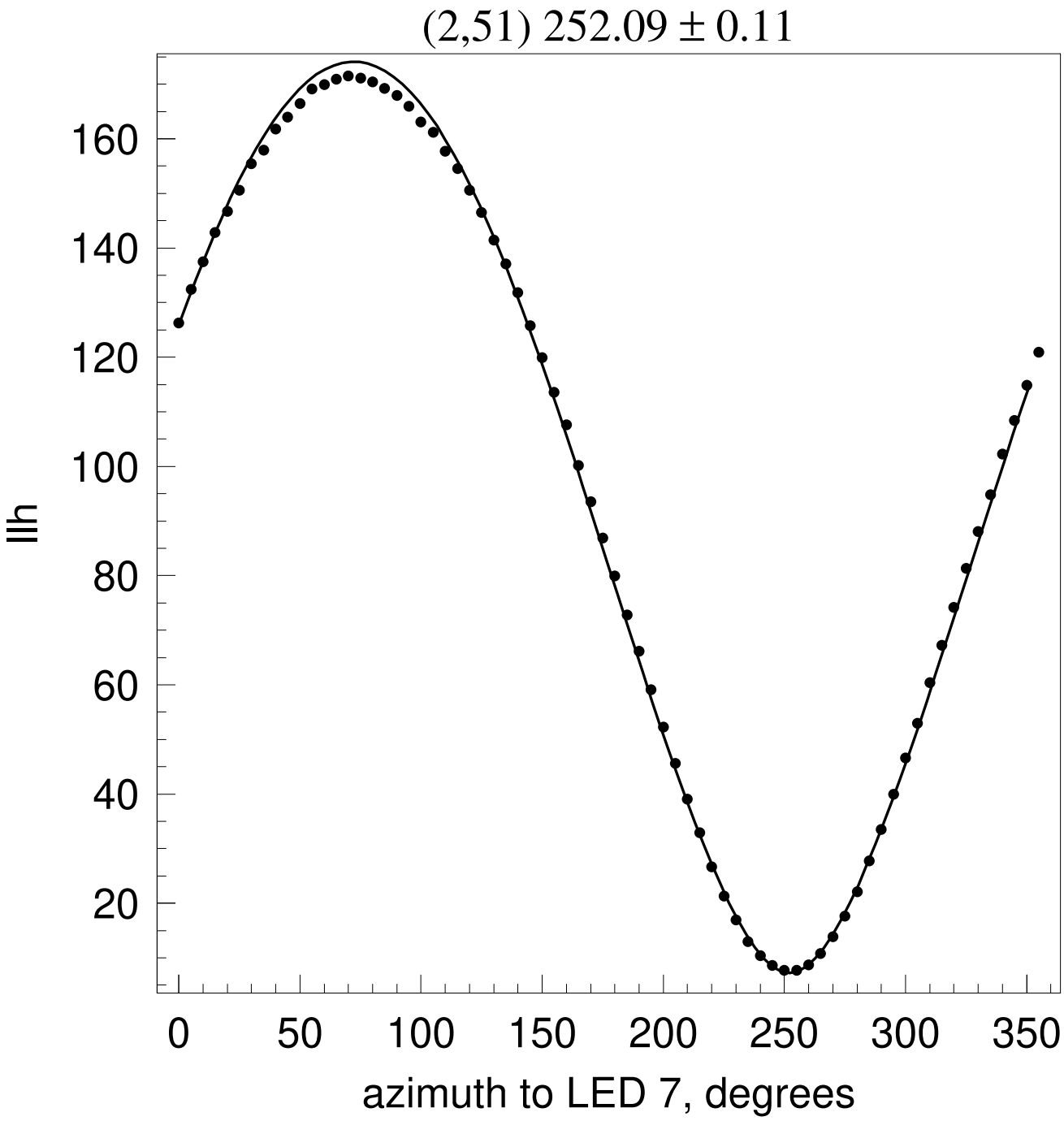

(2,46) 97.22 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

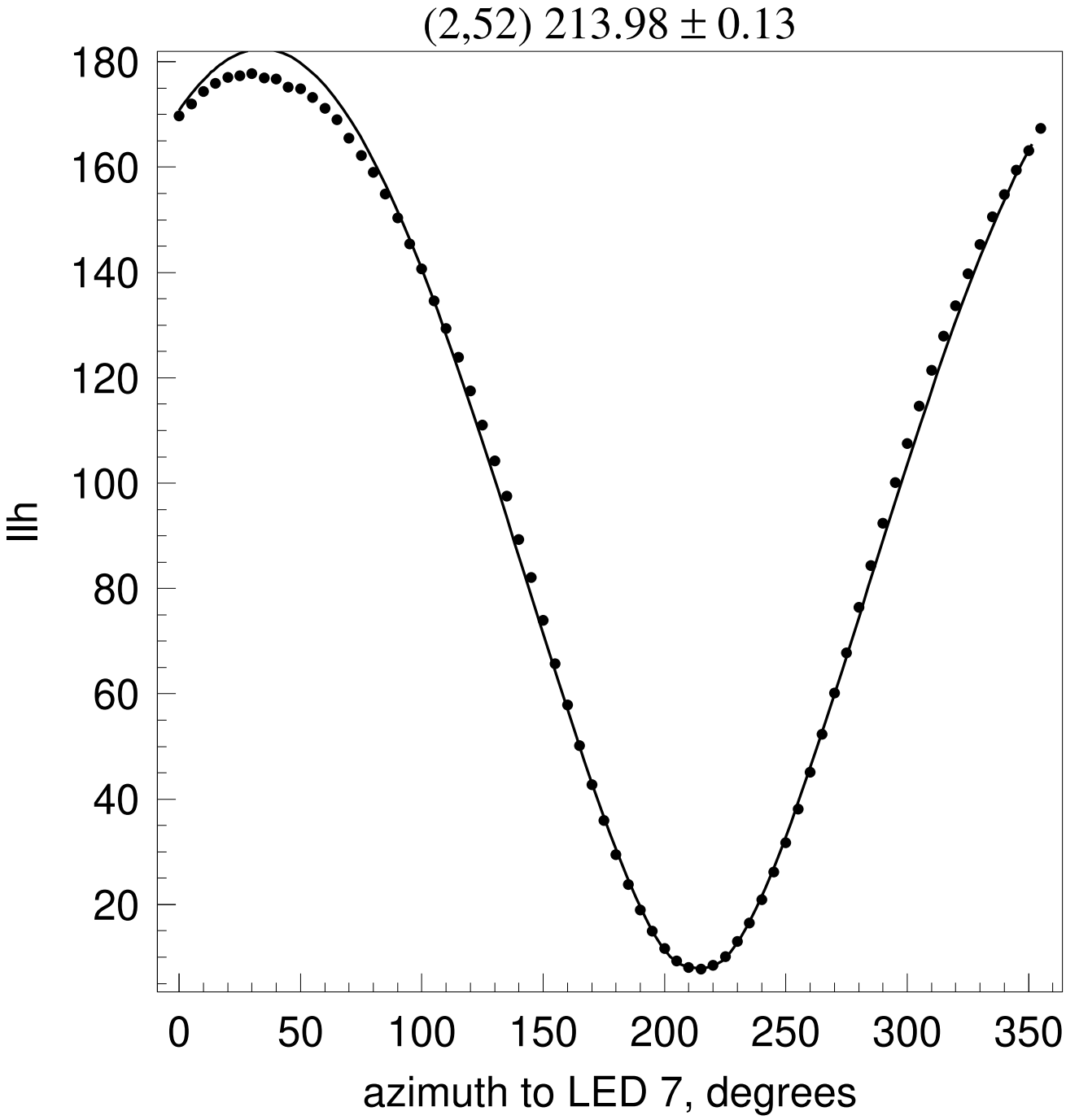

(2,47) 349.02 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

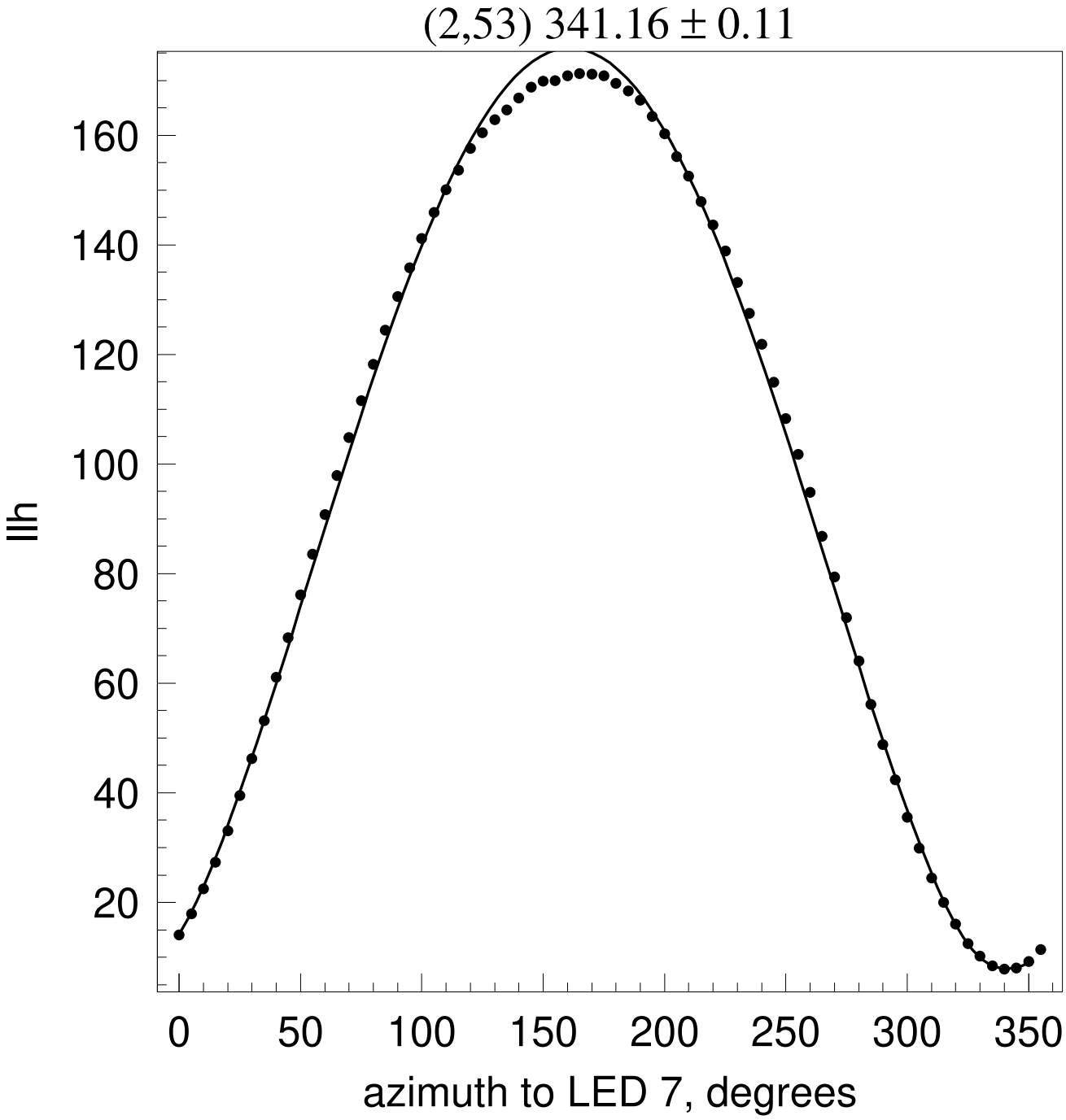

(2,48) 47.10 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

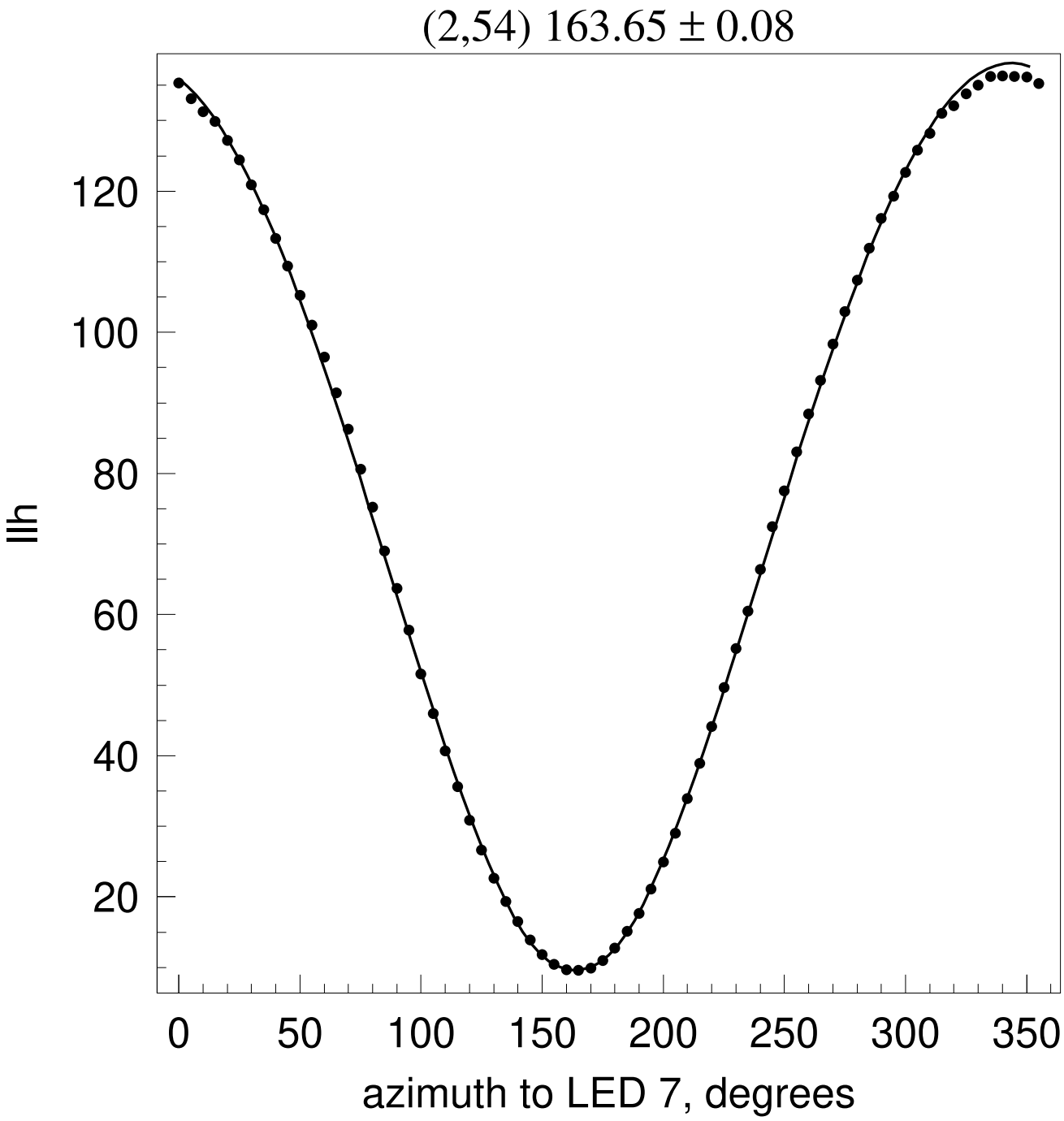

(2,49) 9.78 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

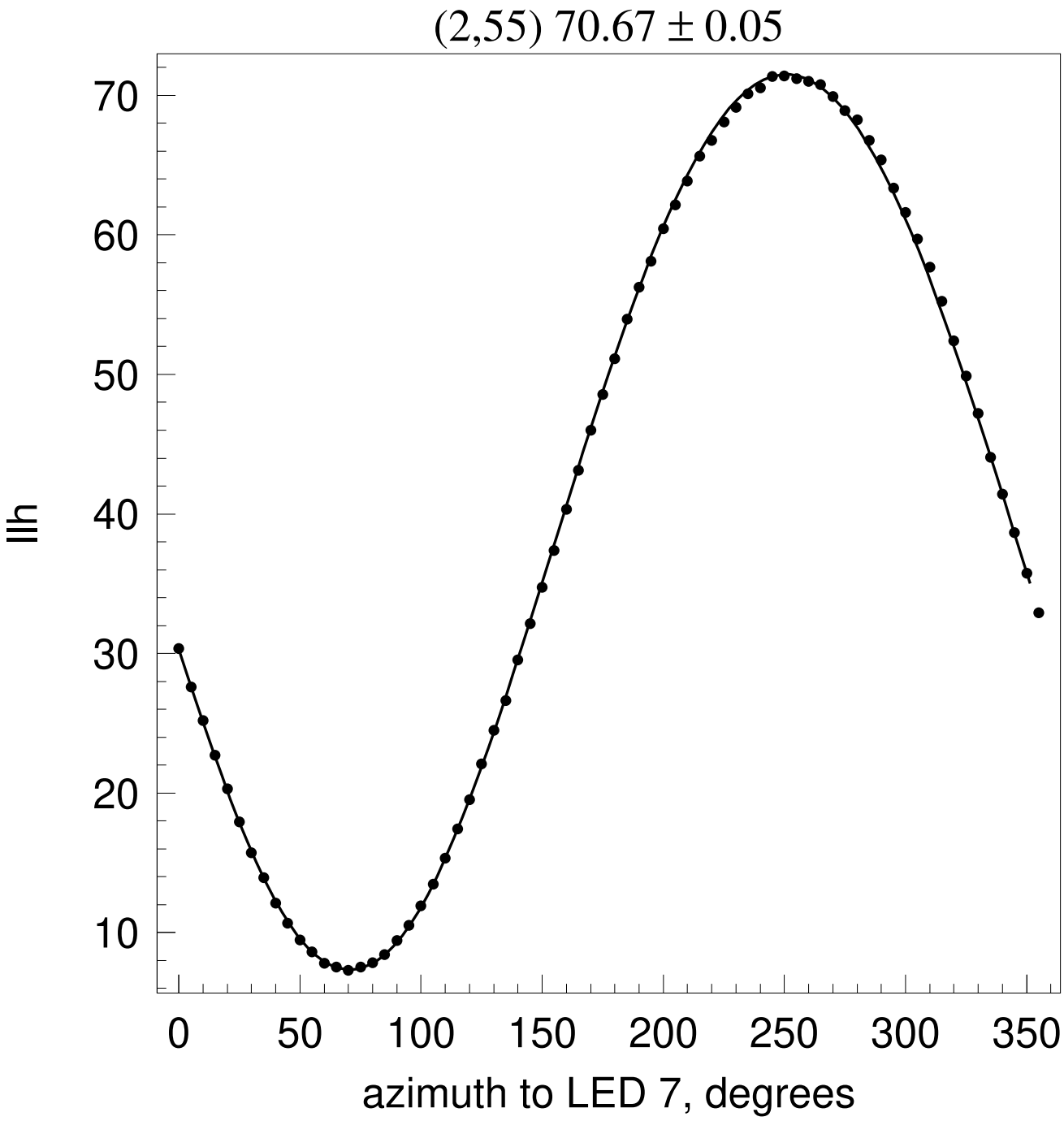

(2,50) 353.25 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

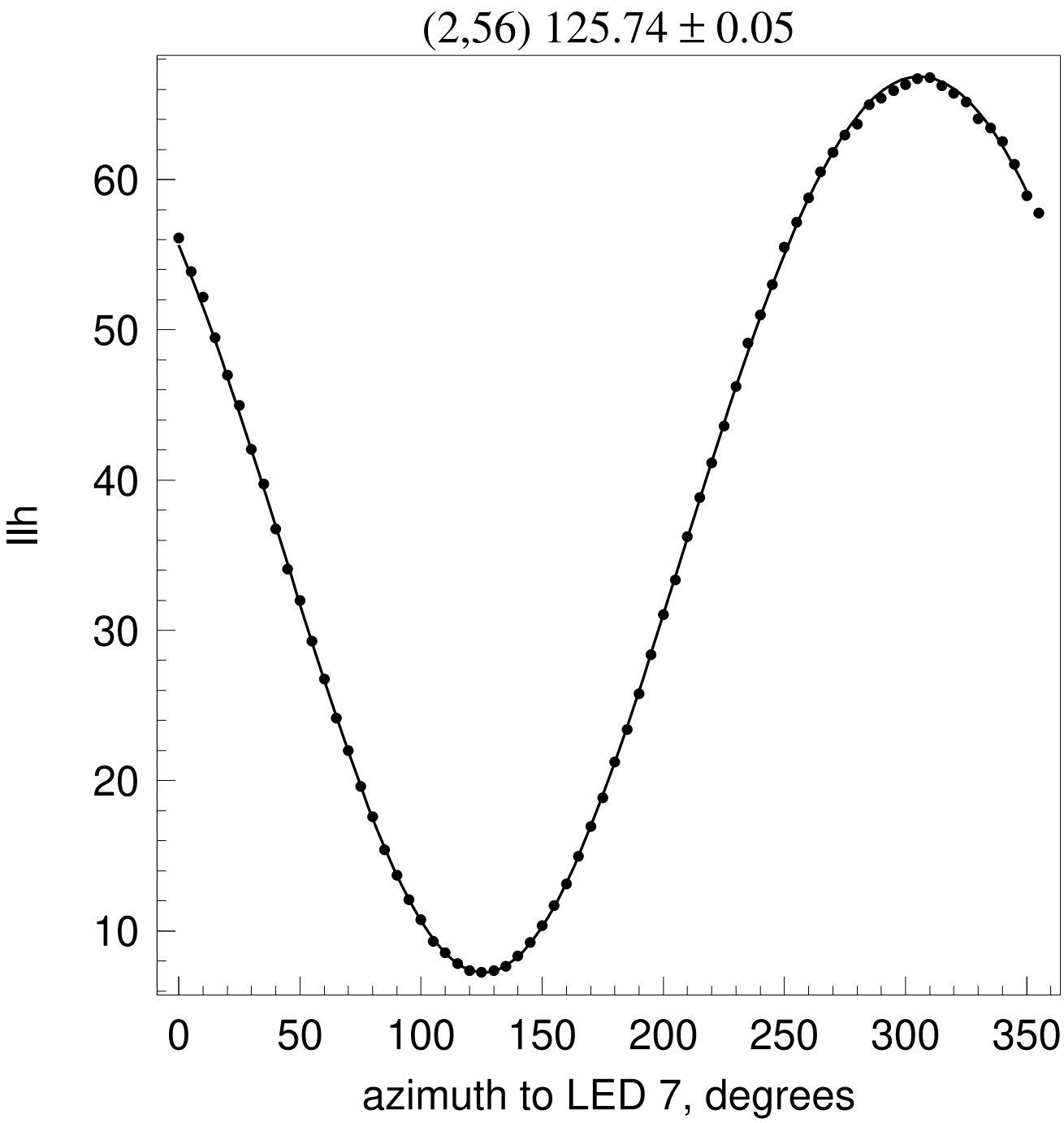

(2,51) 252.09 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

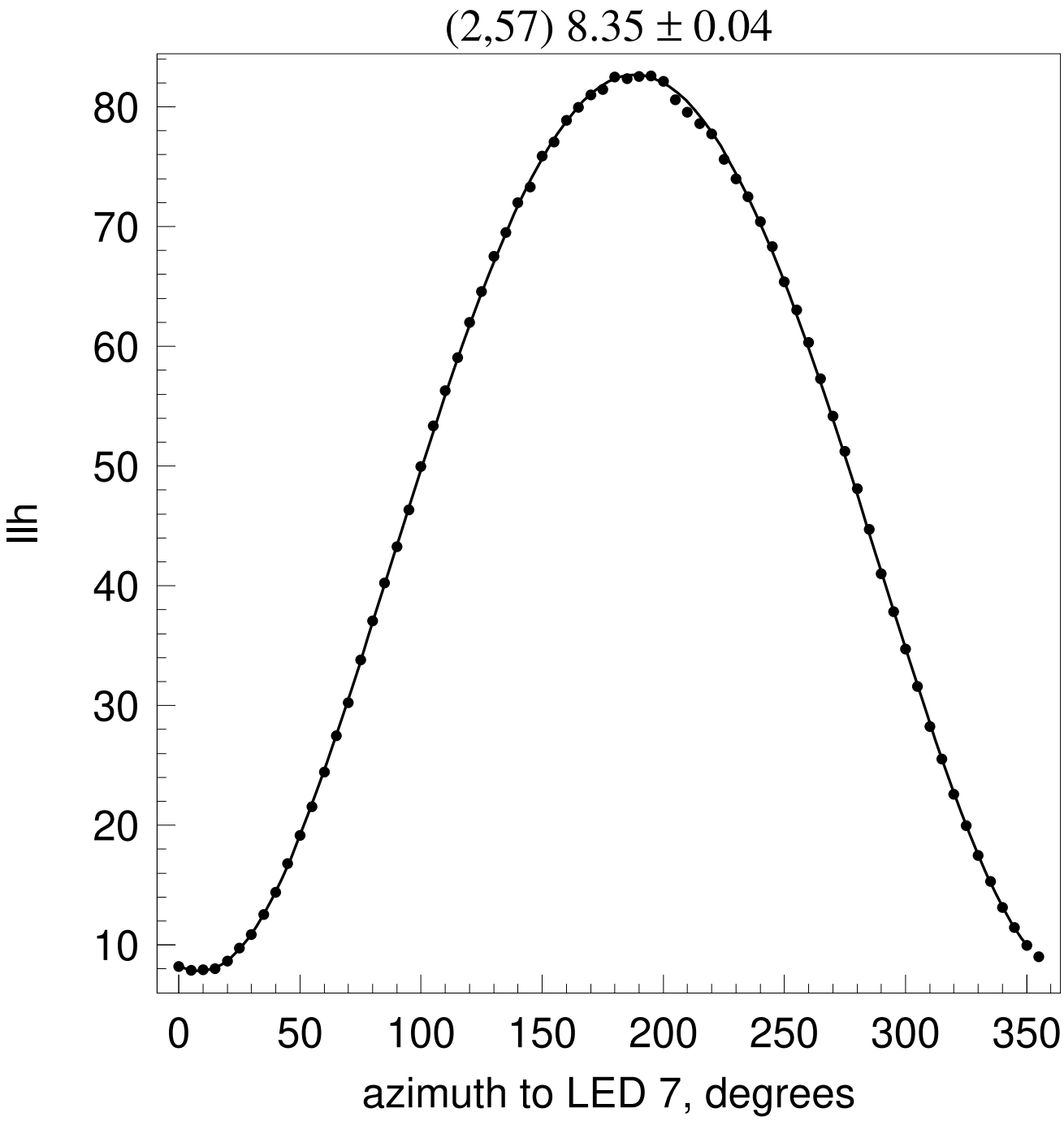

(2,52) 213.98 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

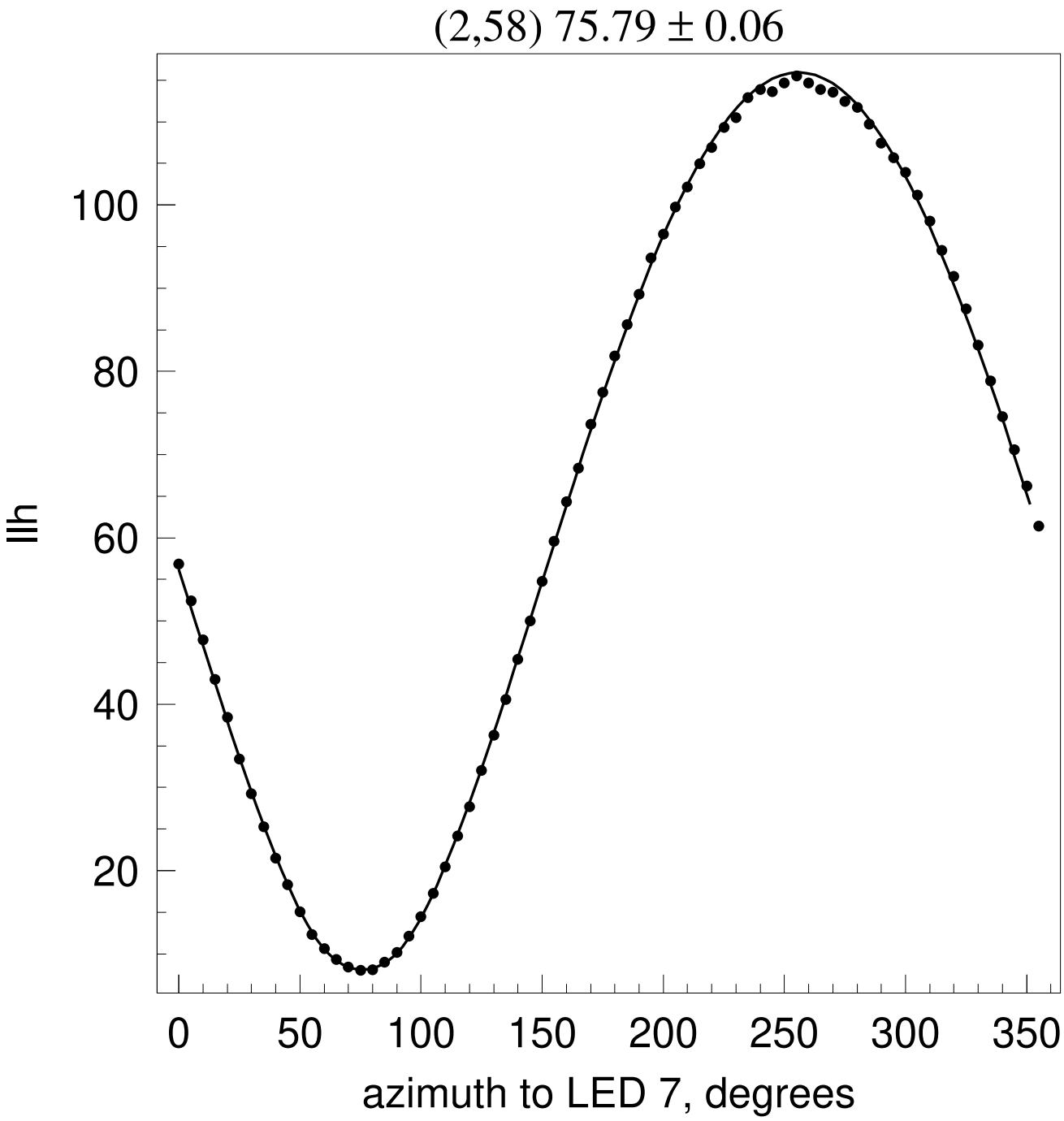

(2,53) 341.16 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

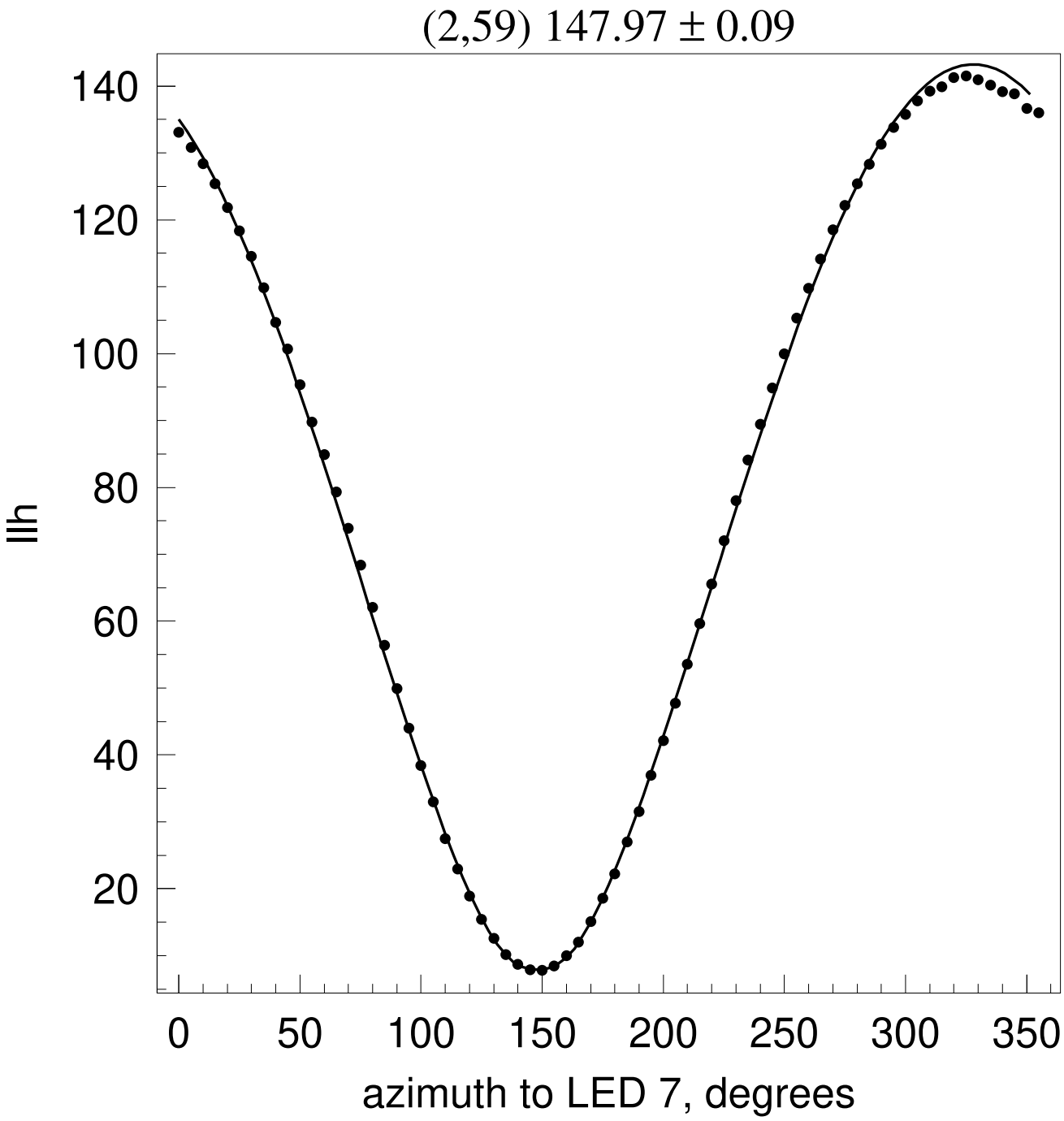

(2,54) 163.65 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

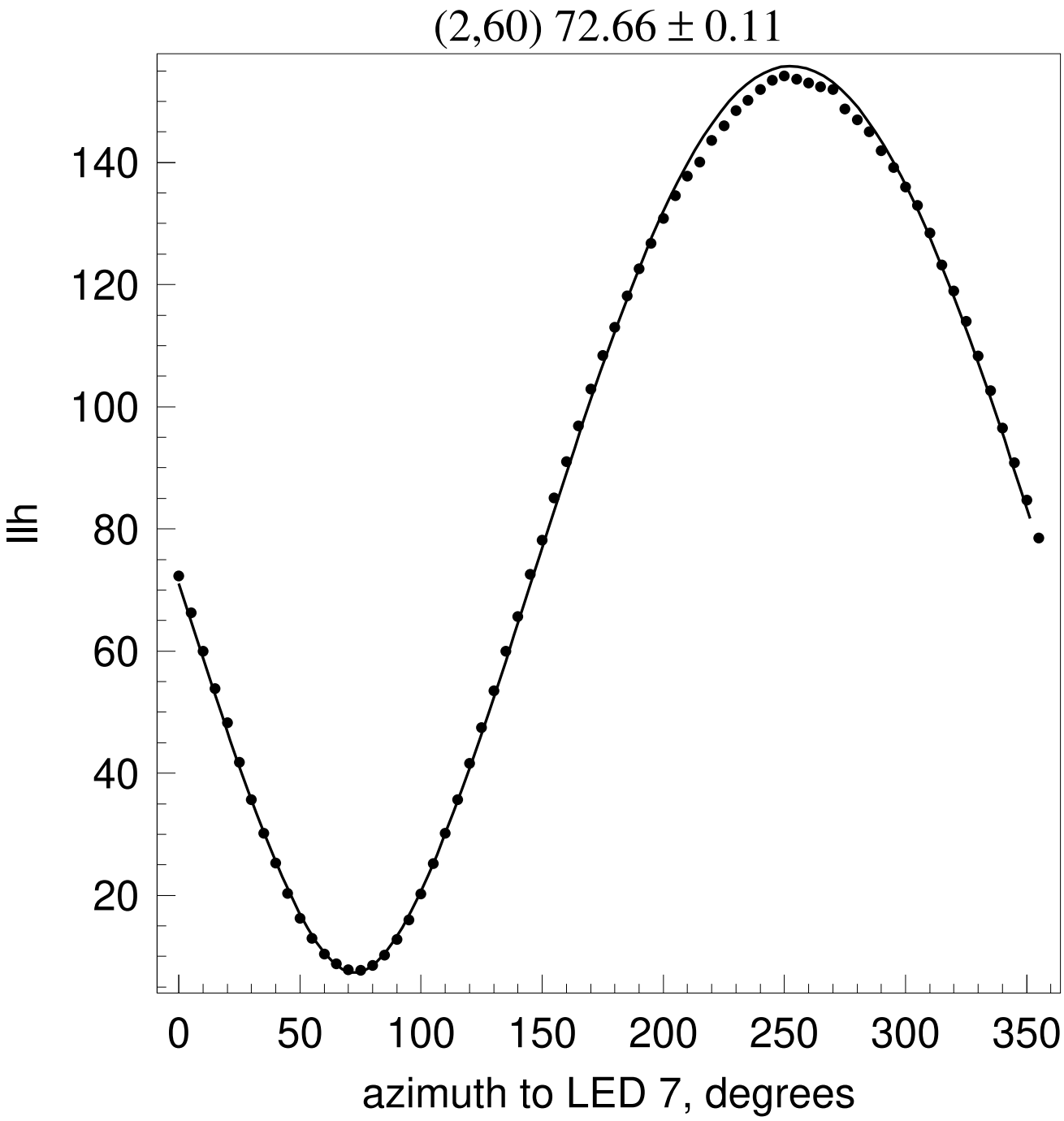

(2,55) 70.67 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

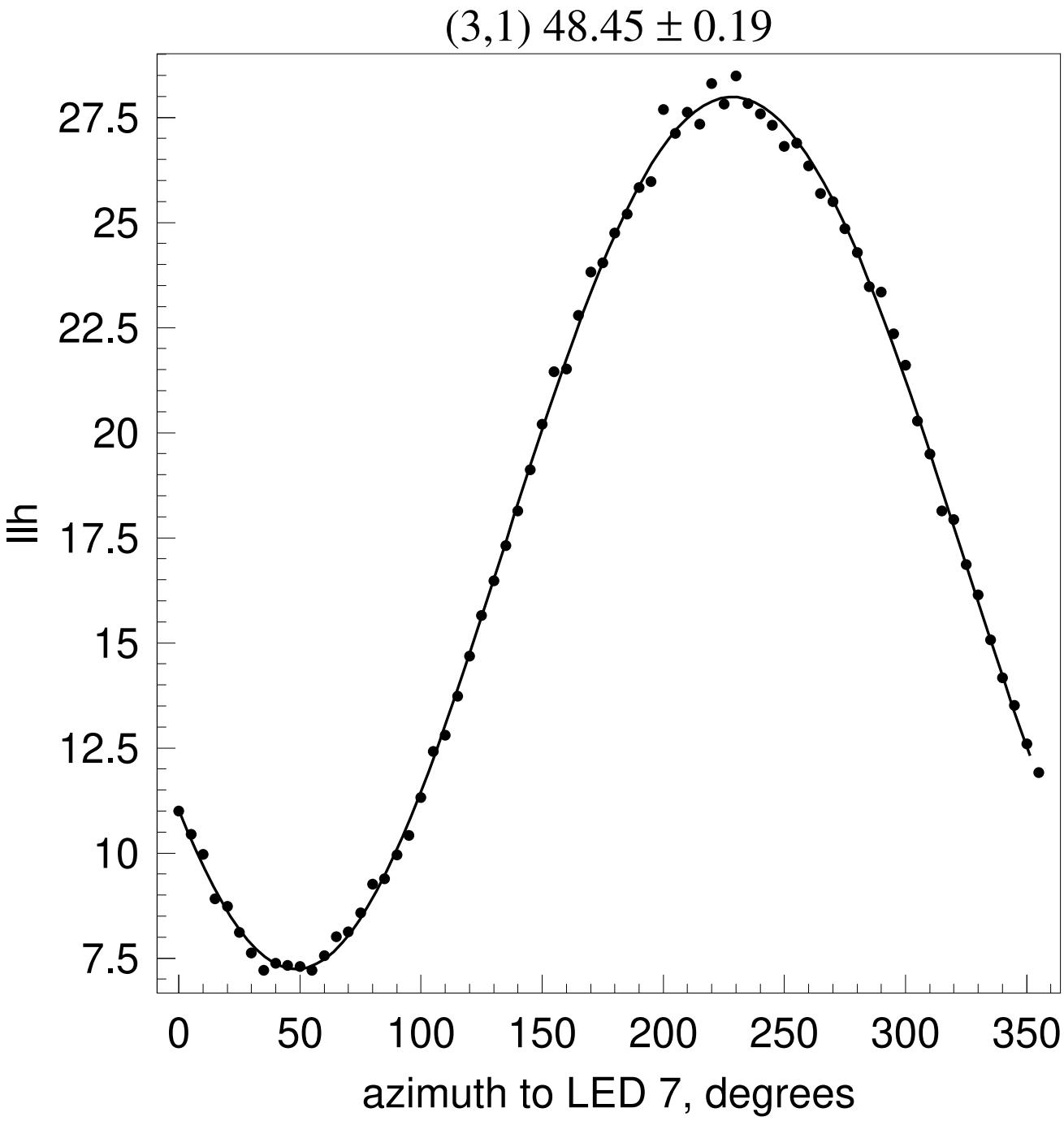

(2,56) 125.74 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

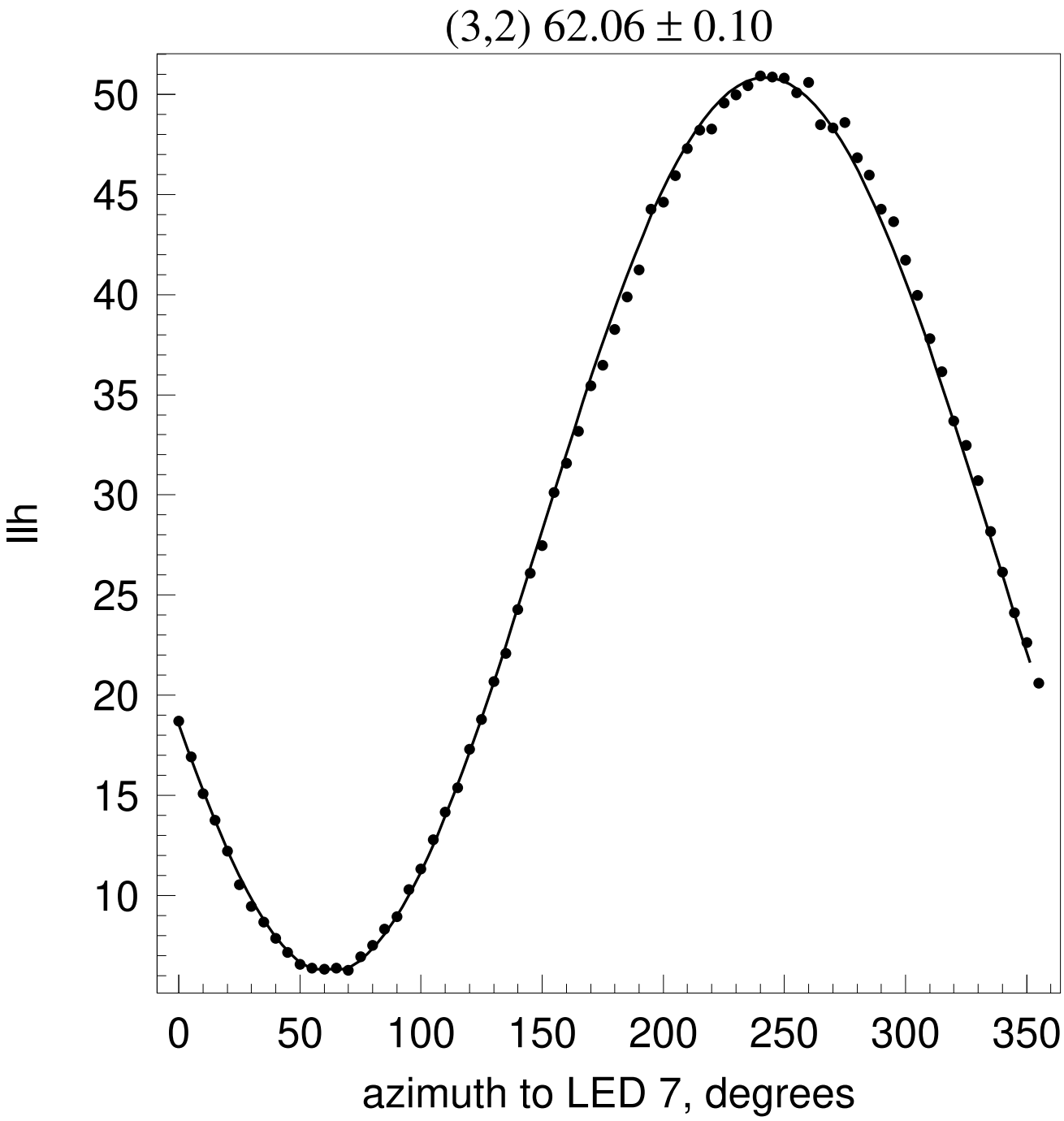

(2,57) 8.35 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

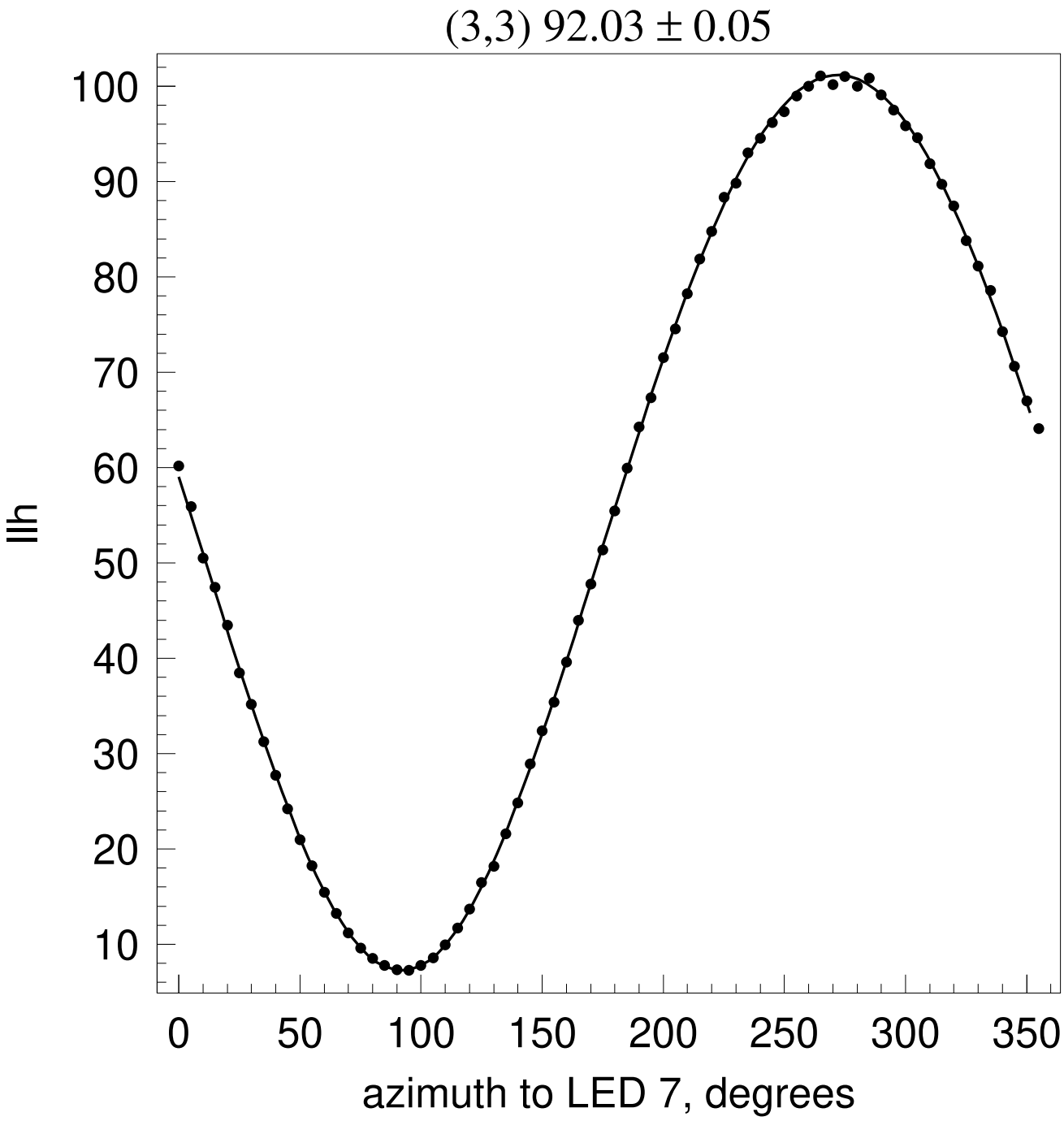

(2,58) 75.79 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

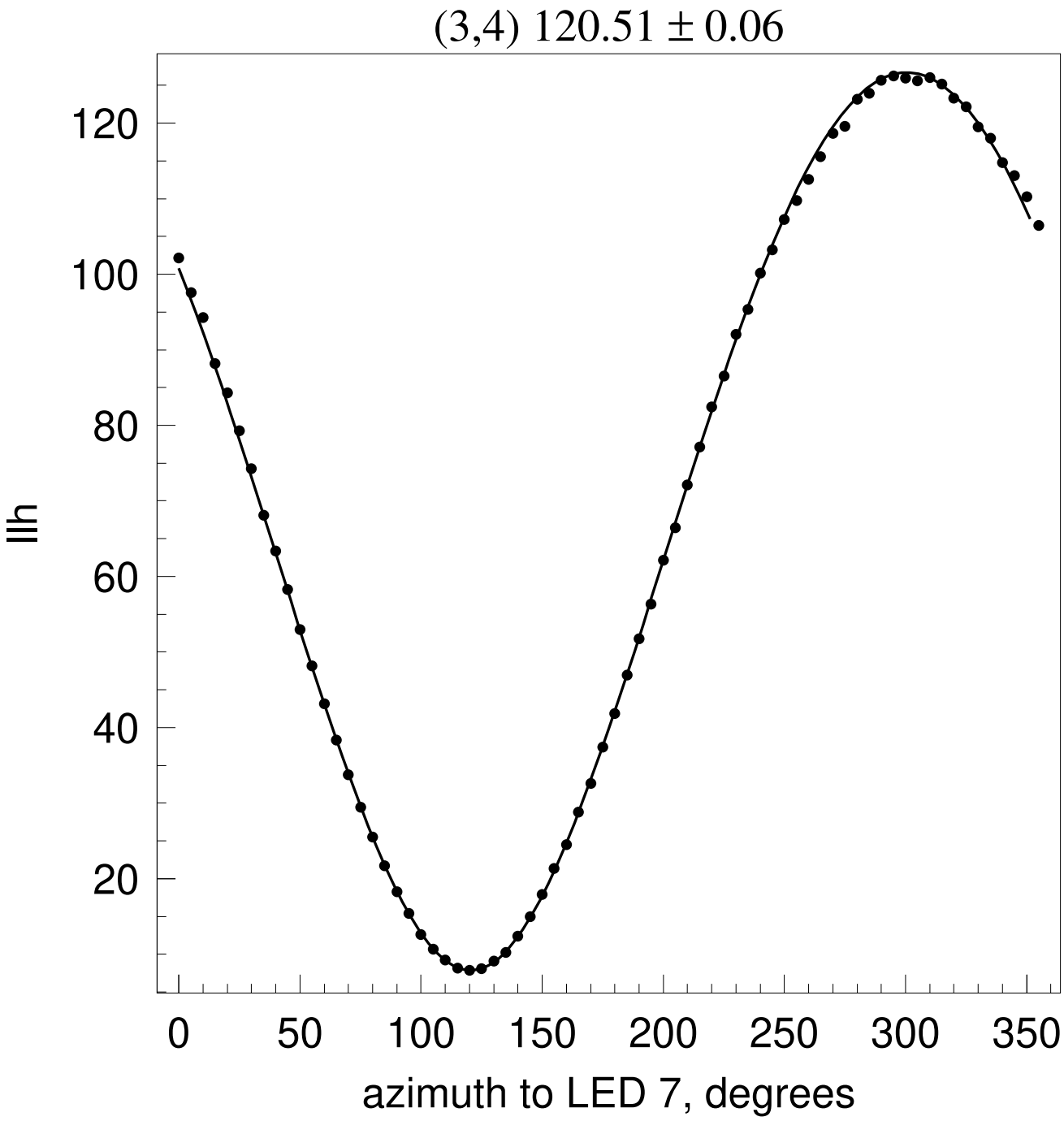

(2,59) 147.97 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

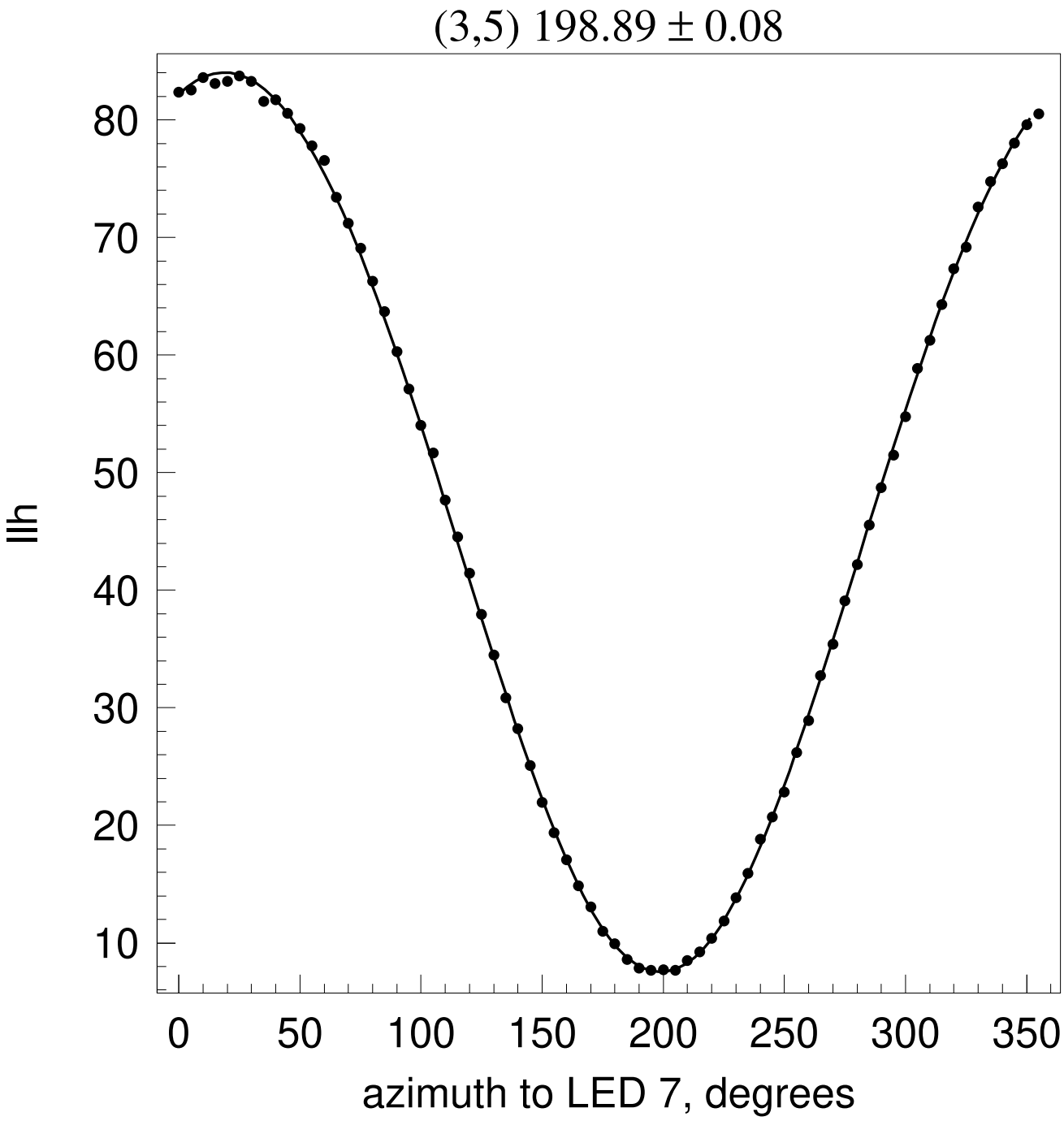

(2,60) 72.66 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

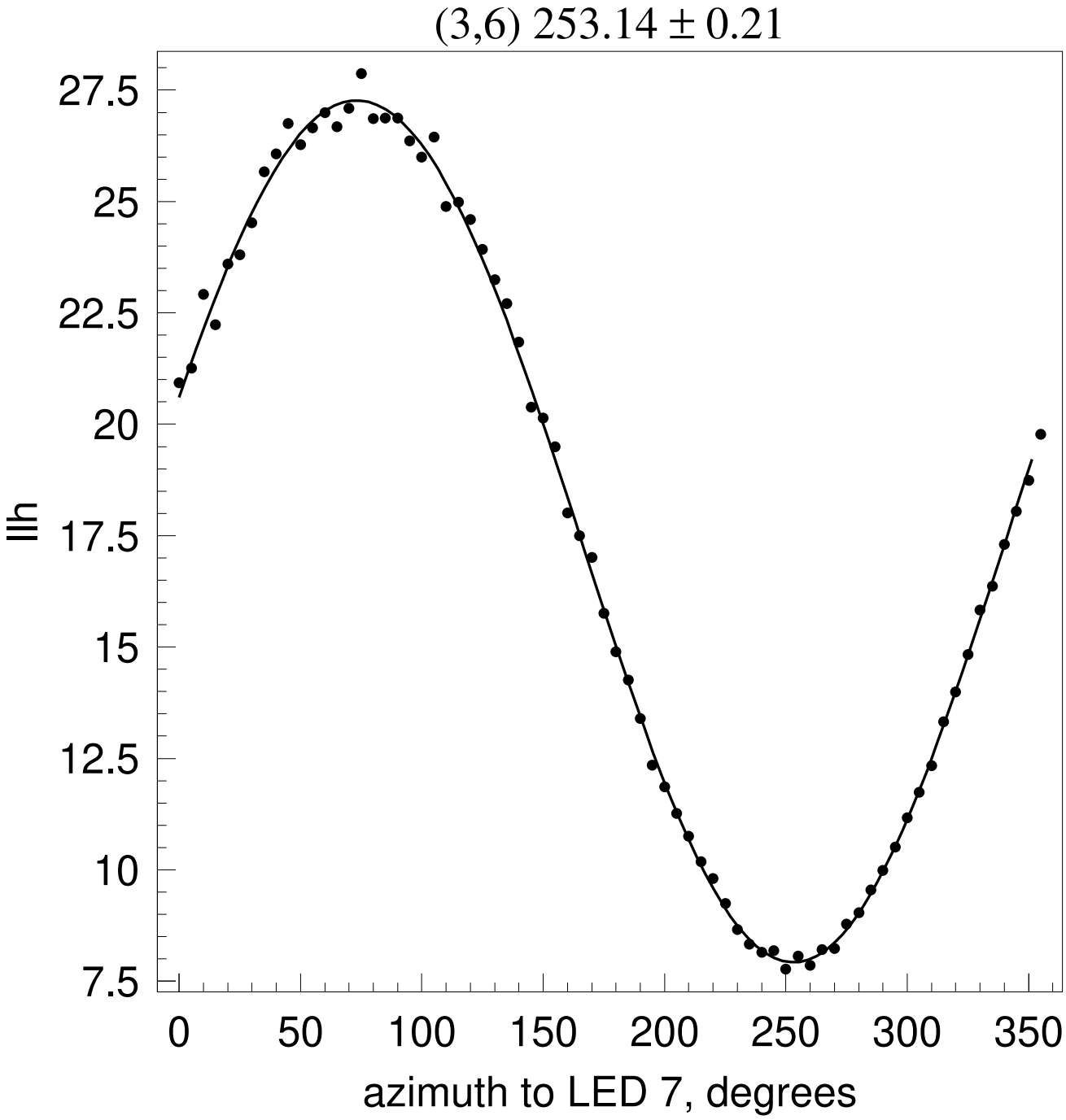

(3,1) 48.45 ± 0.19
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

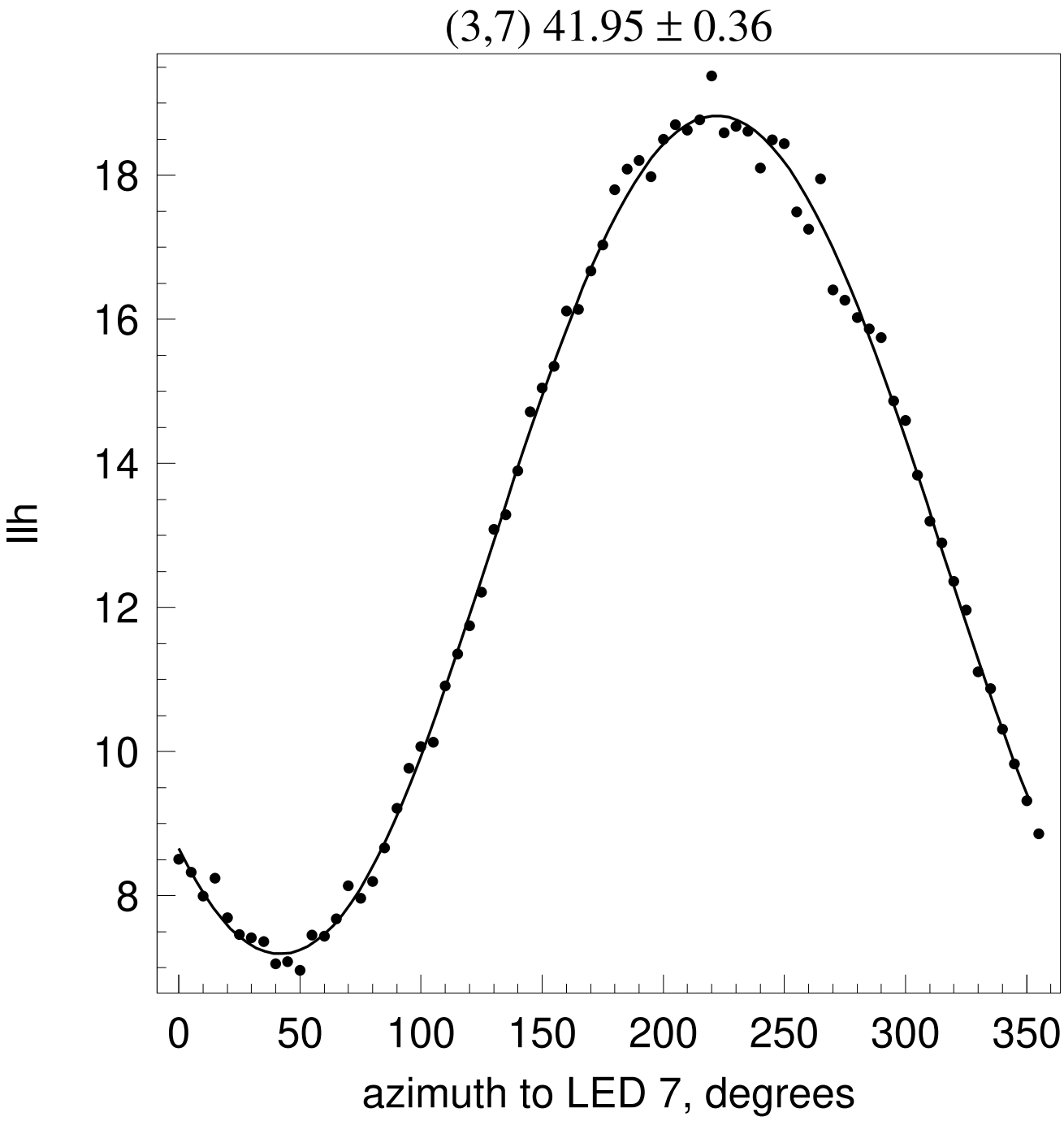

(3,2) 62.06 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

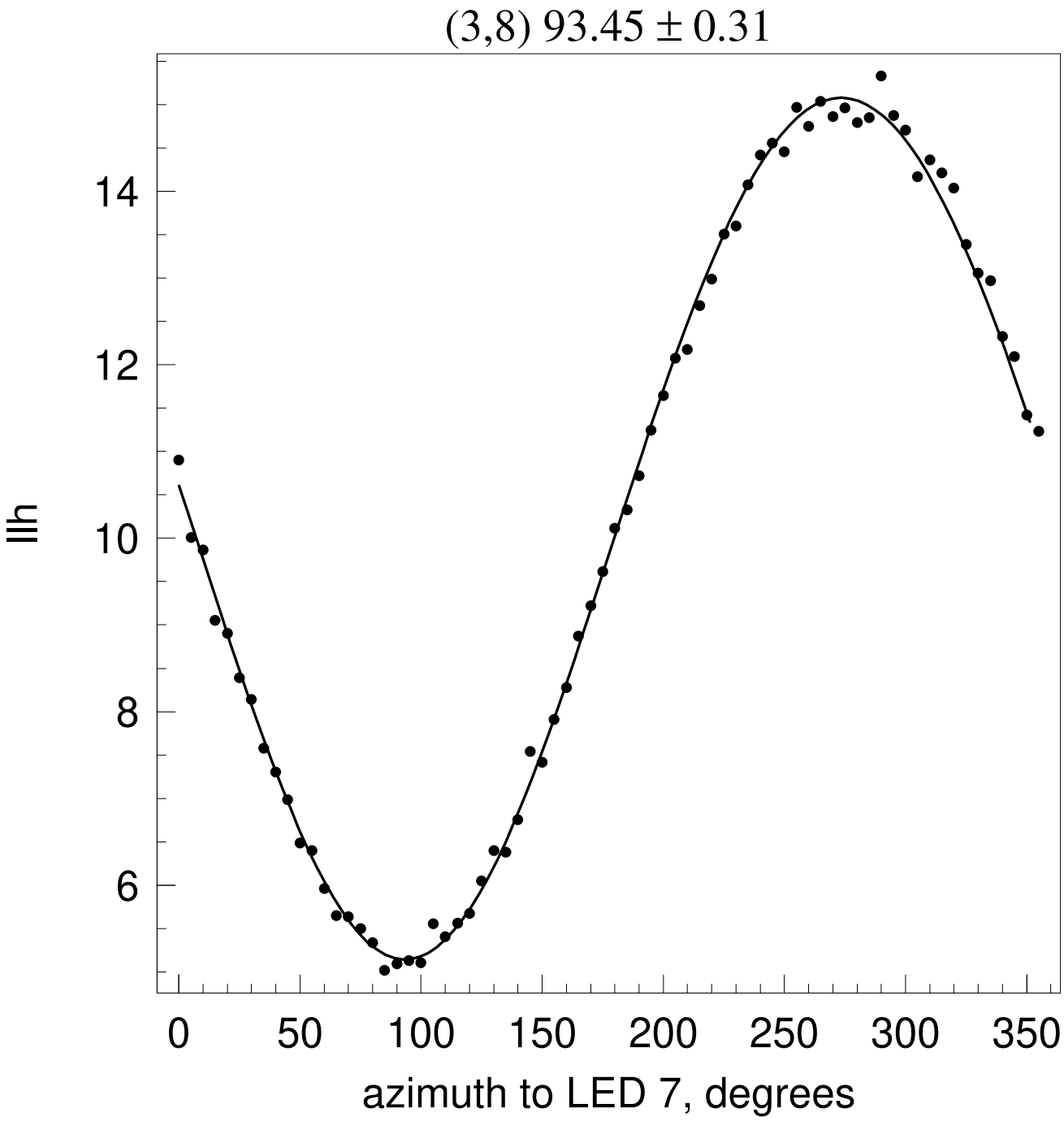

(3,3) 92.03 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

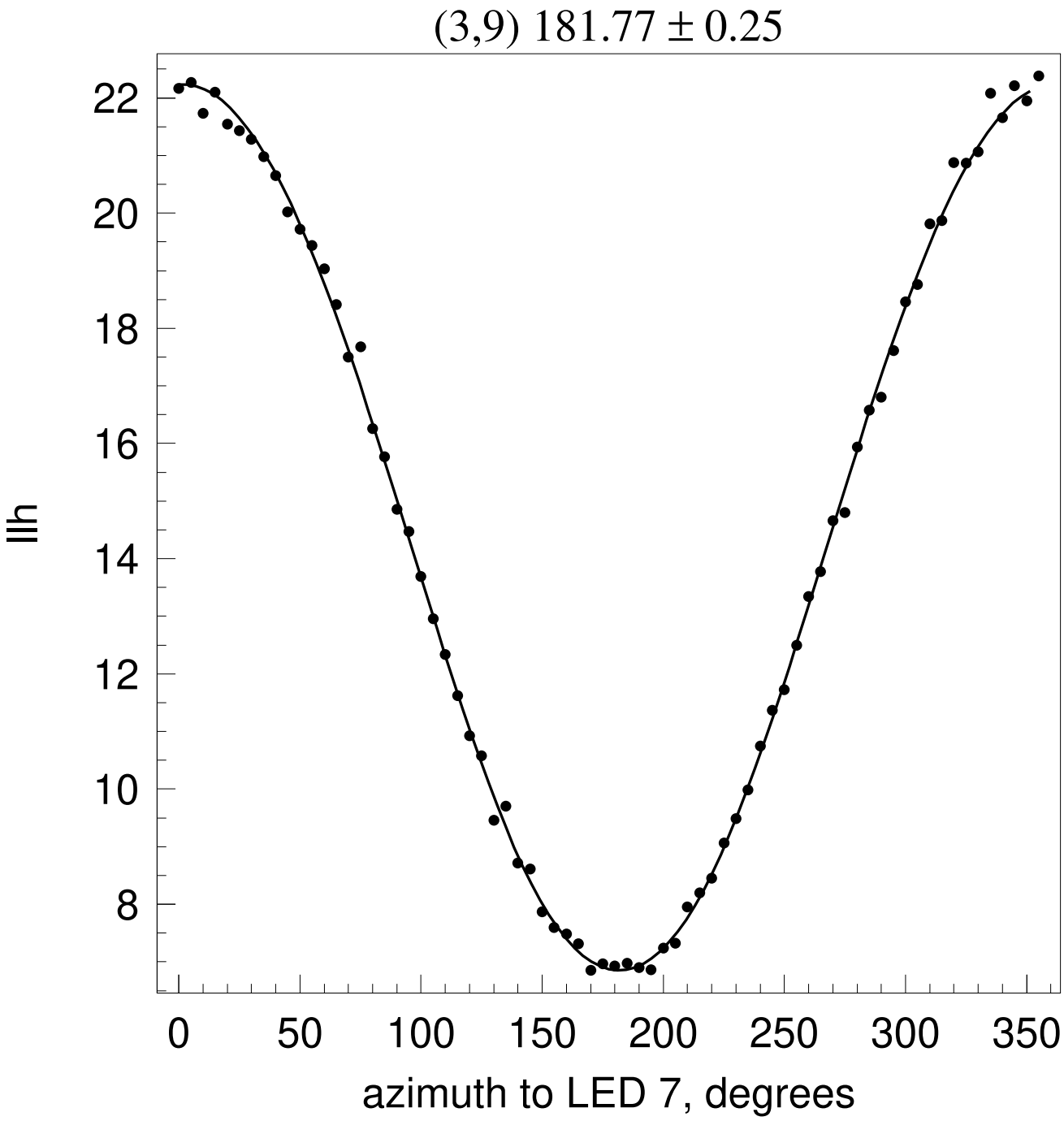

(3,4) 120.51 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

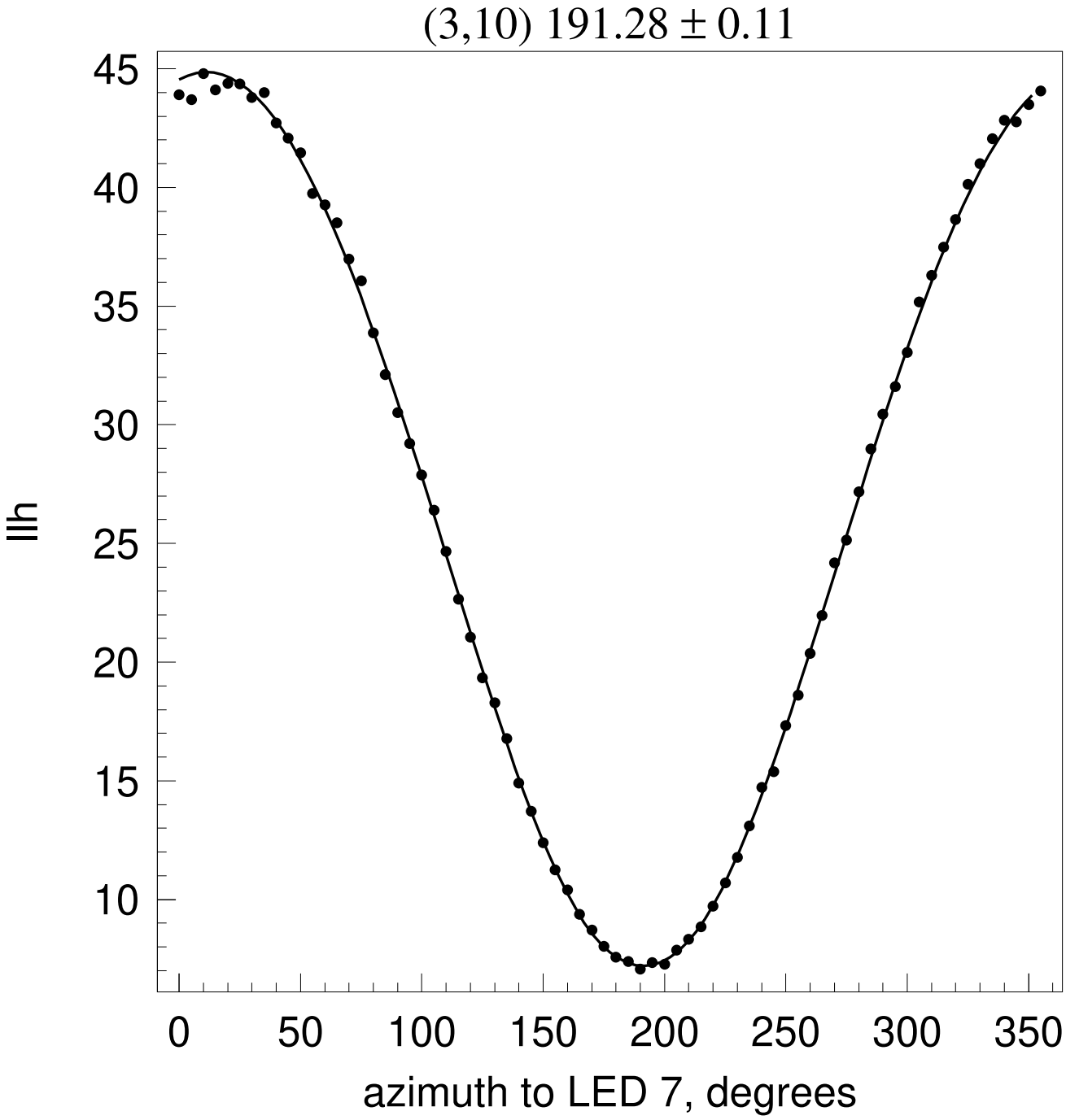

(3,5) 198.89 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

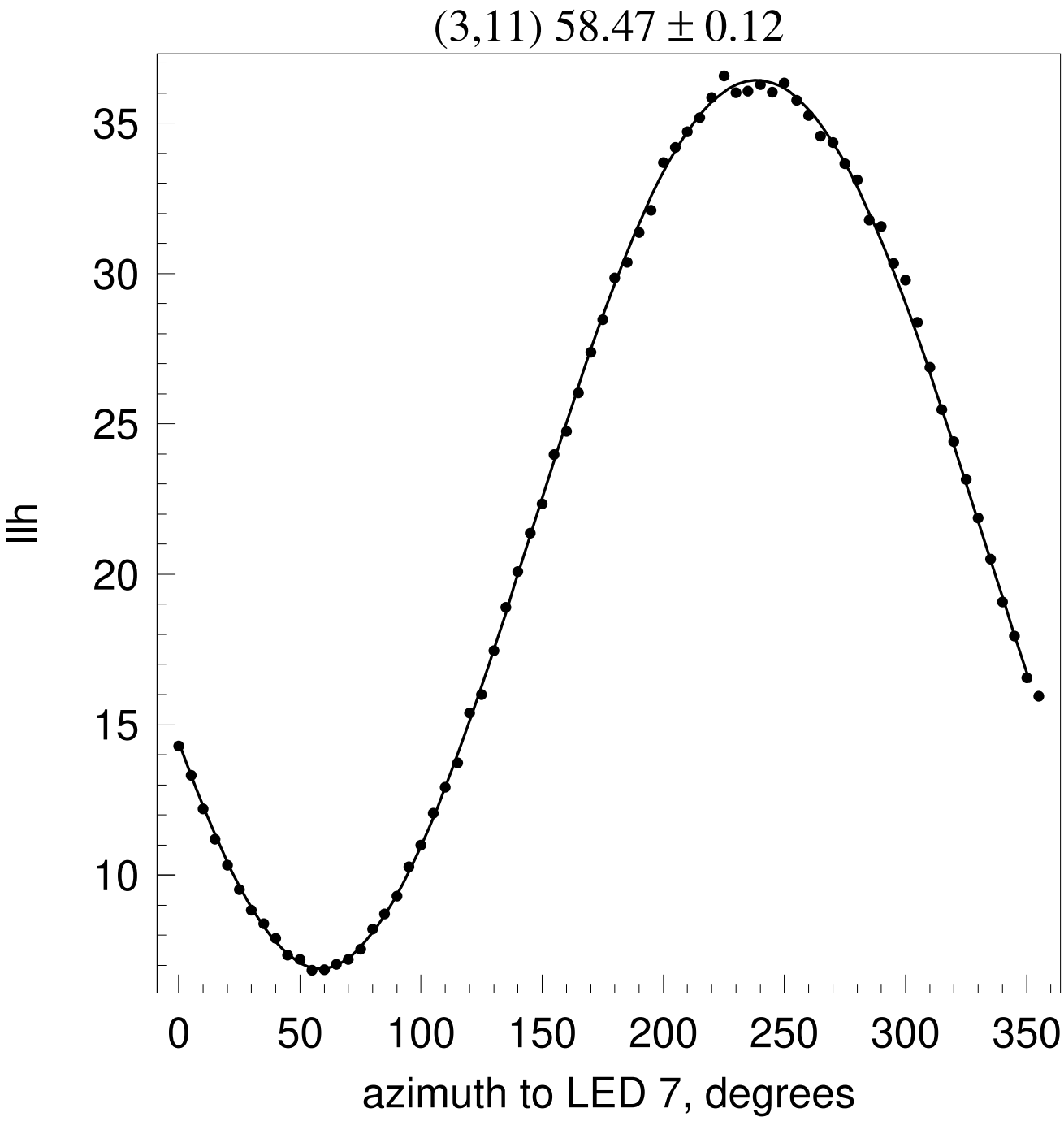

(3,6) 253.14 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

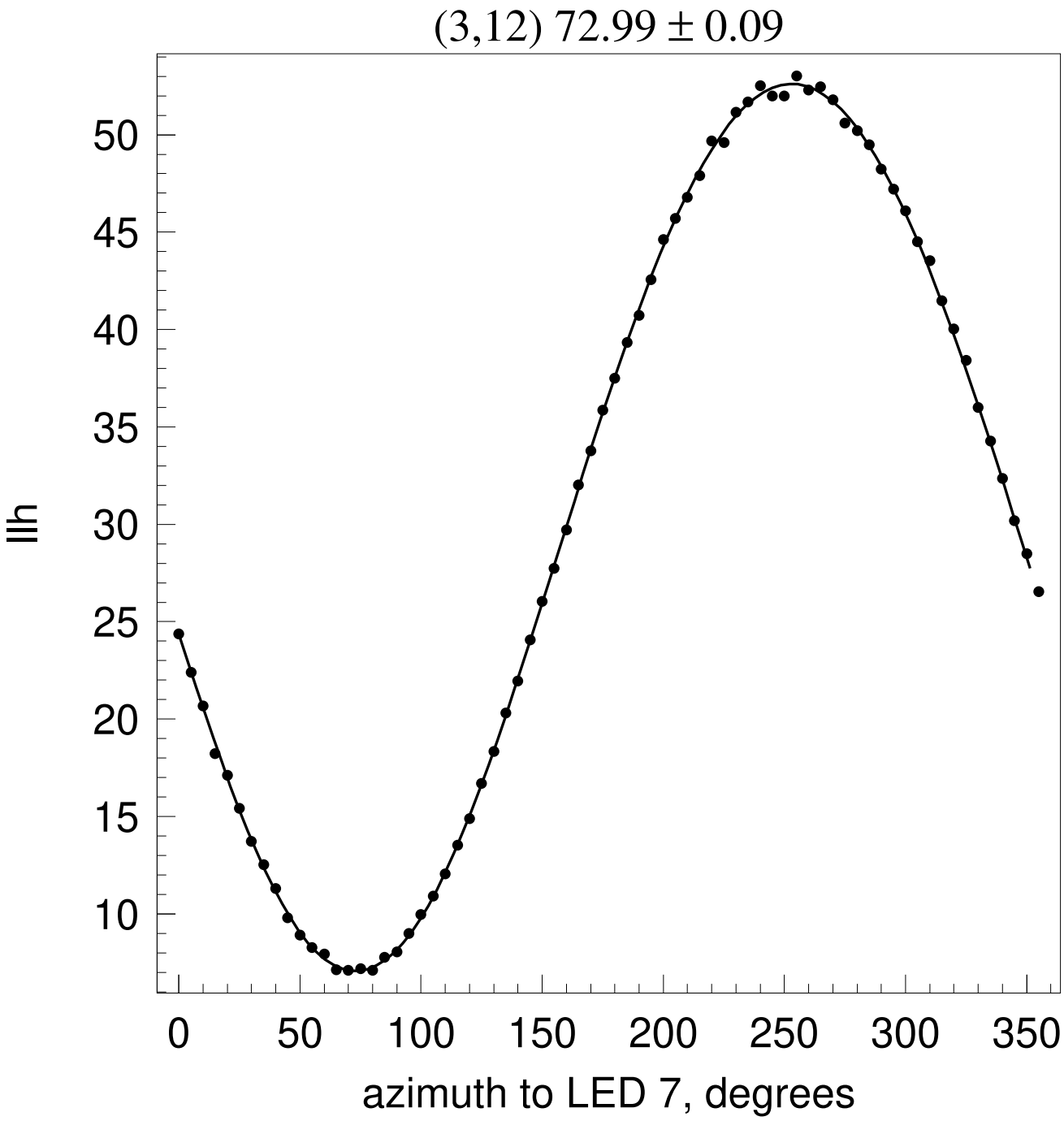

(3,7) 41.95 ± 0.36
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

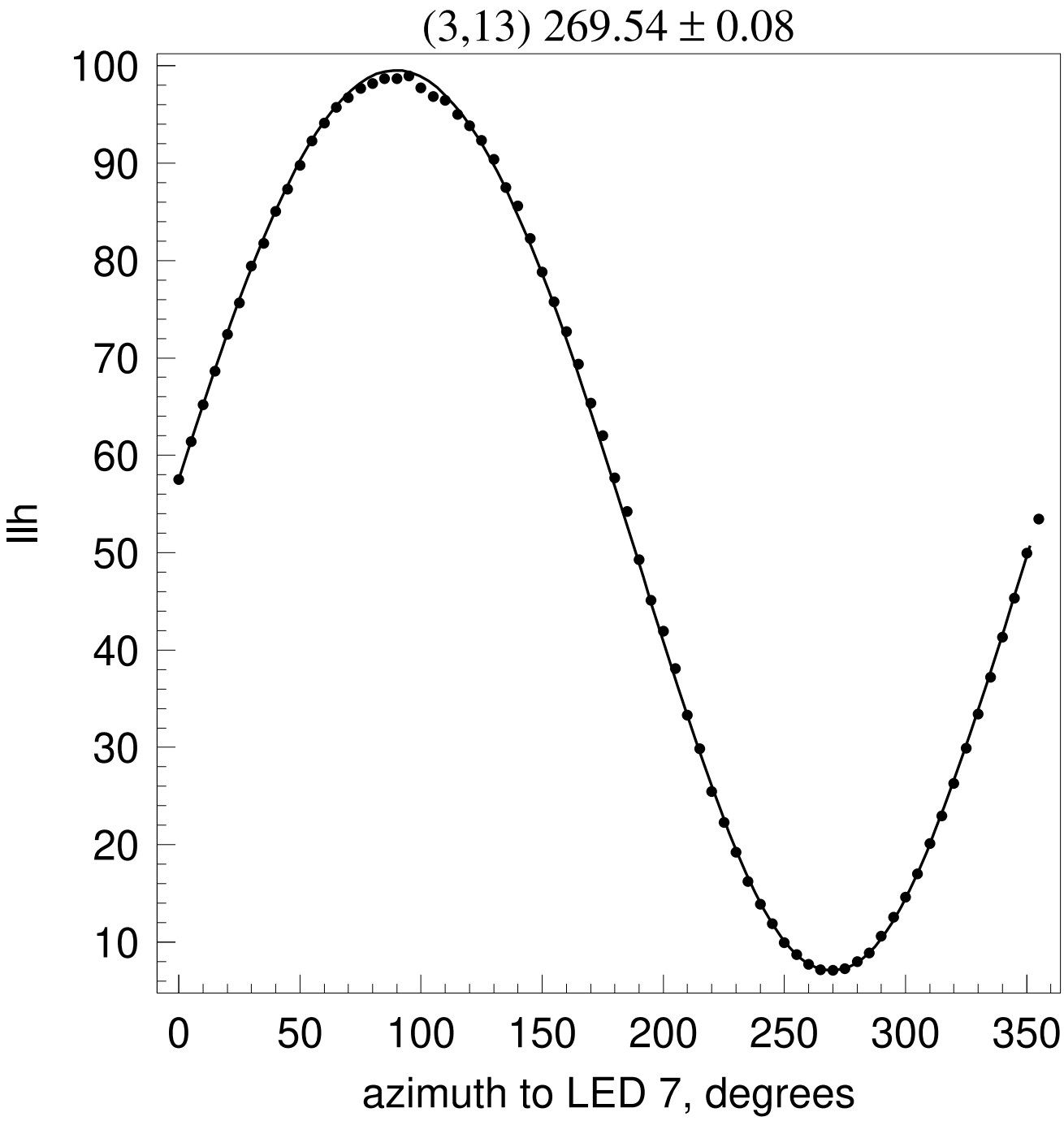

(3,8) 93.45 ± 0.31
14
12
10
8
6
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

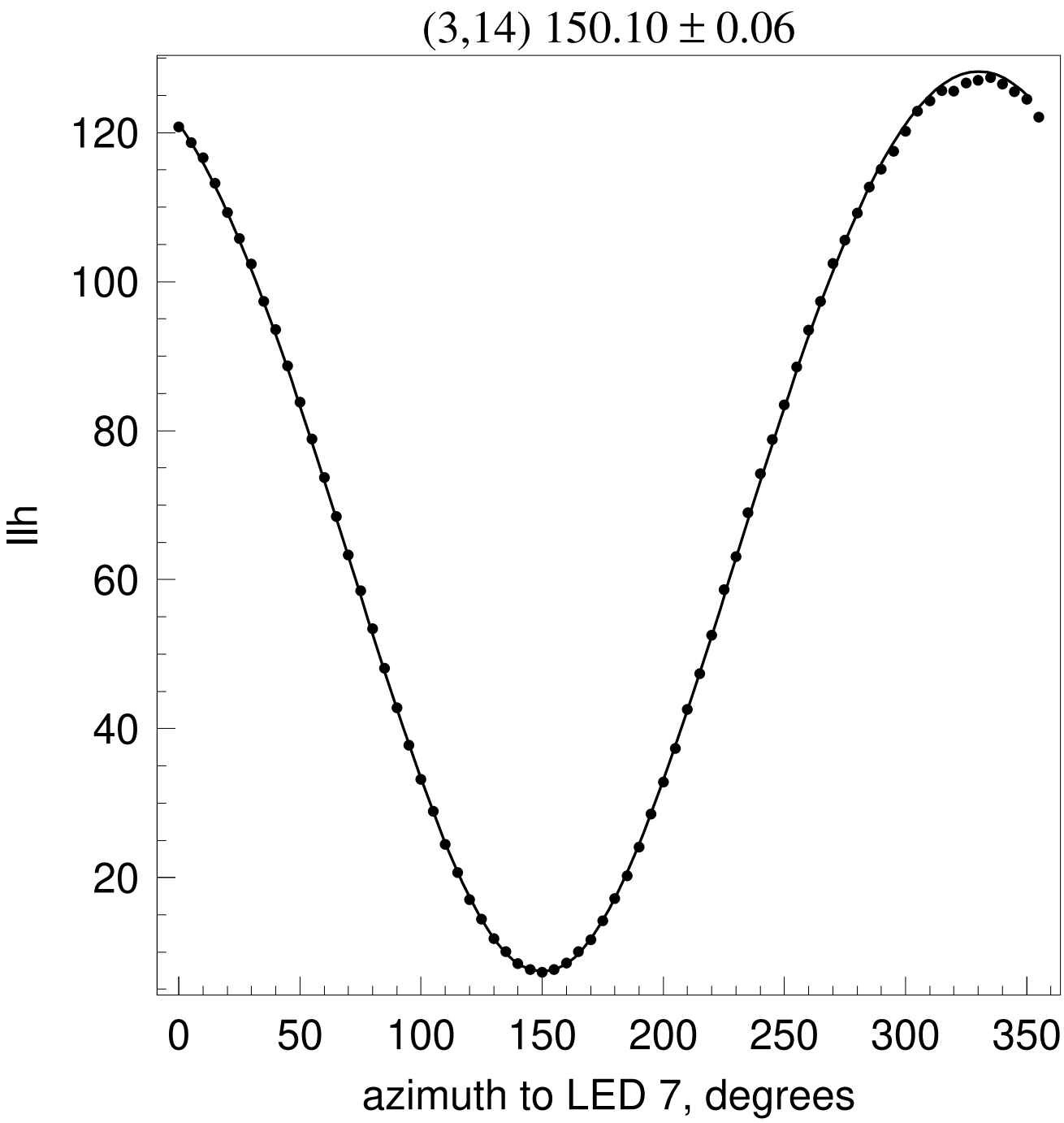

(3,9) 181.77 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

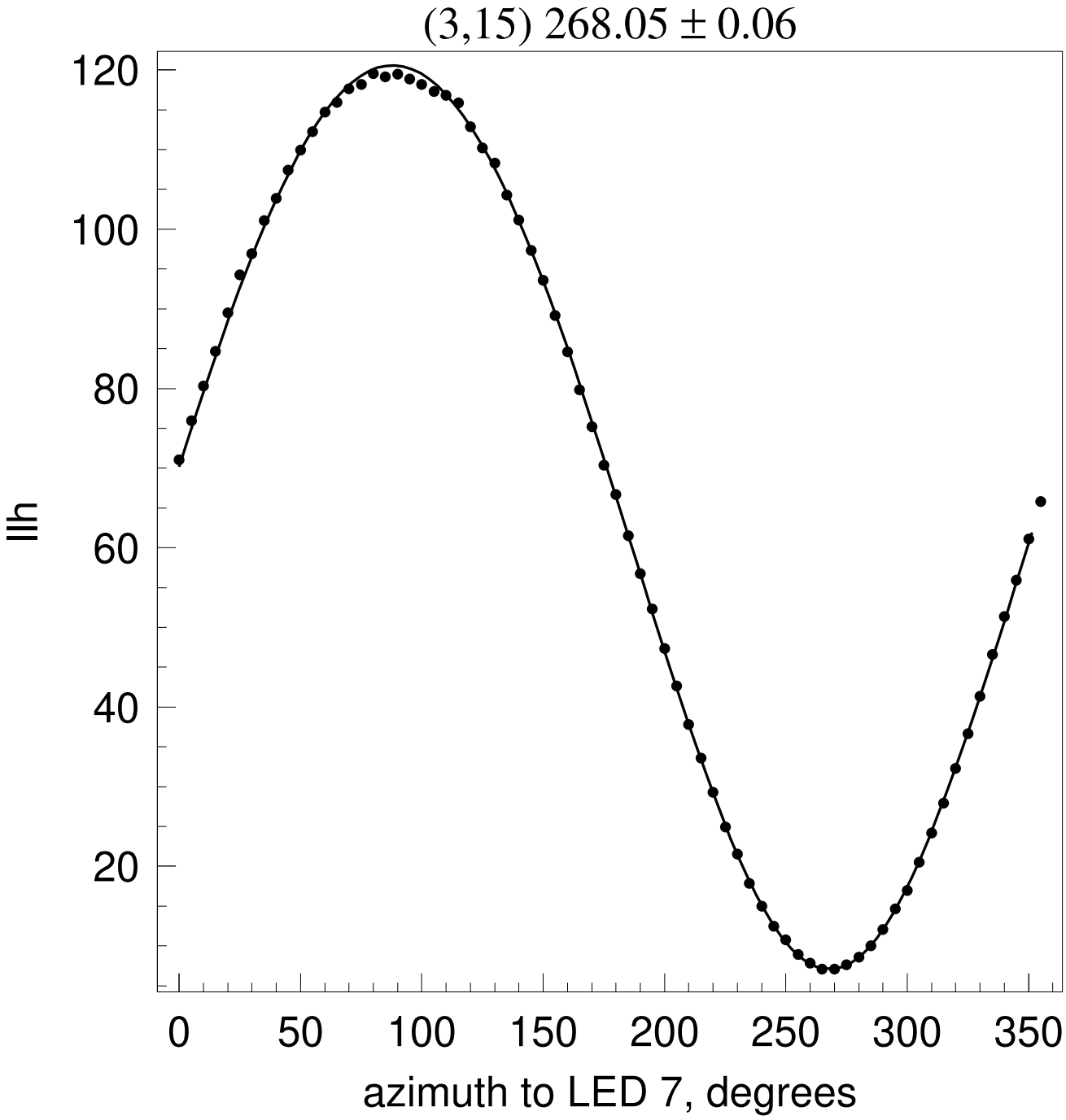

(3,10) 191.28 ± 0.11
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

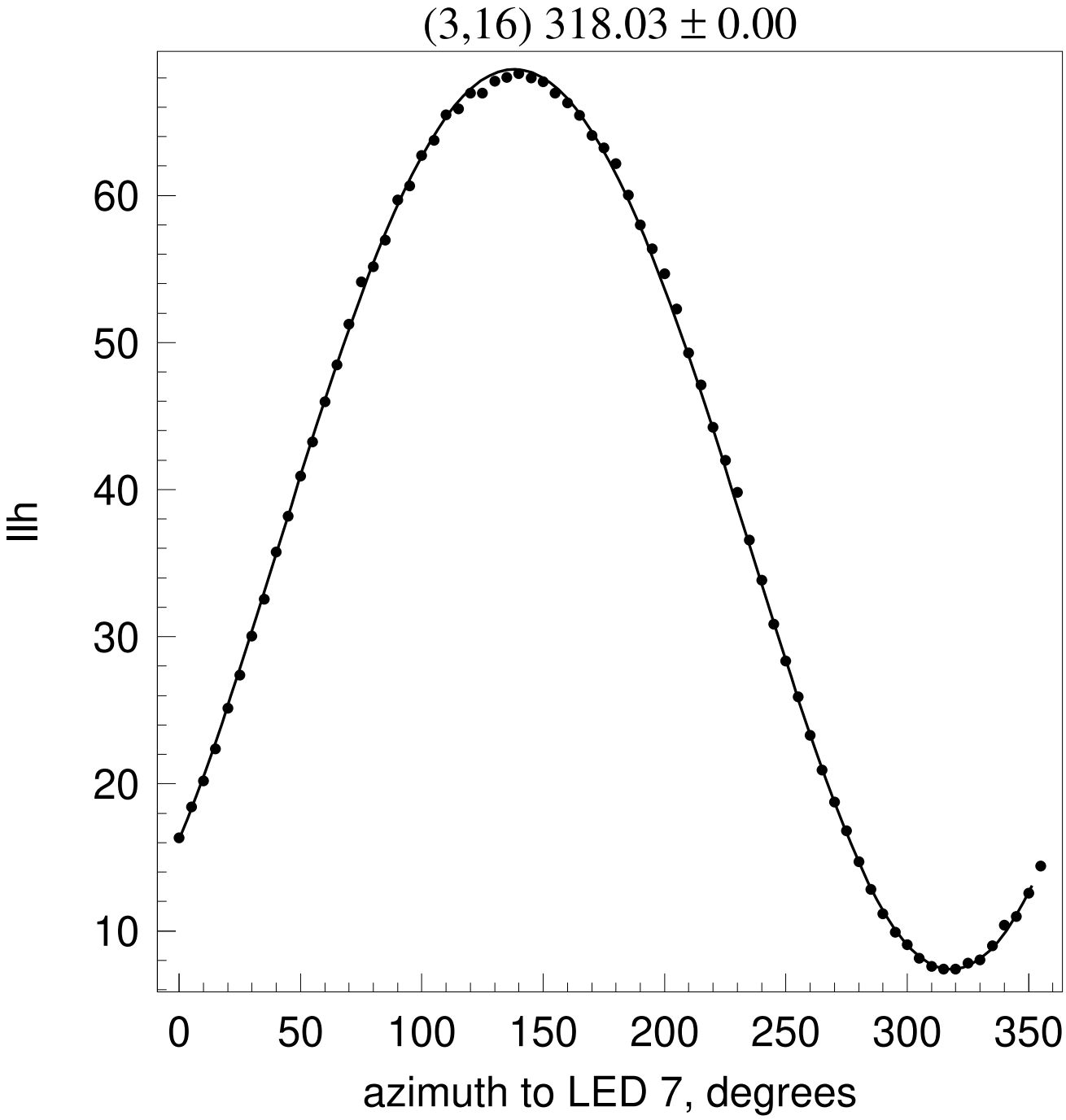

(3,11) 58.47 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

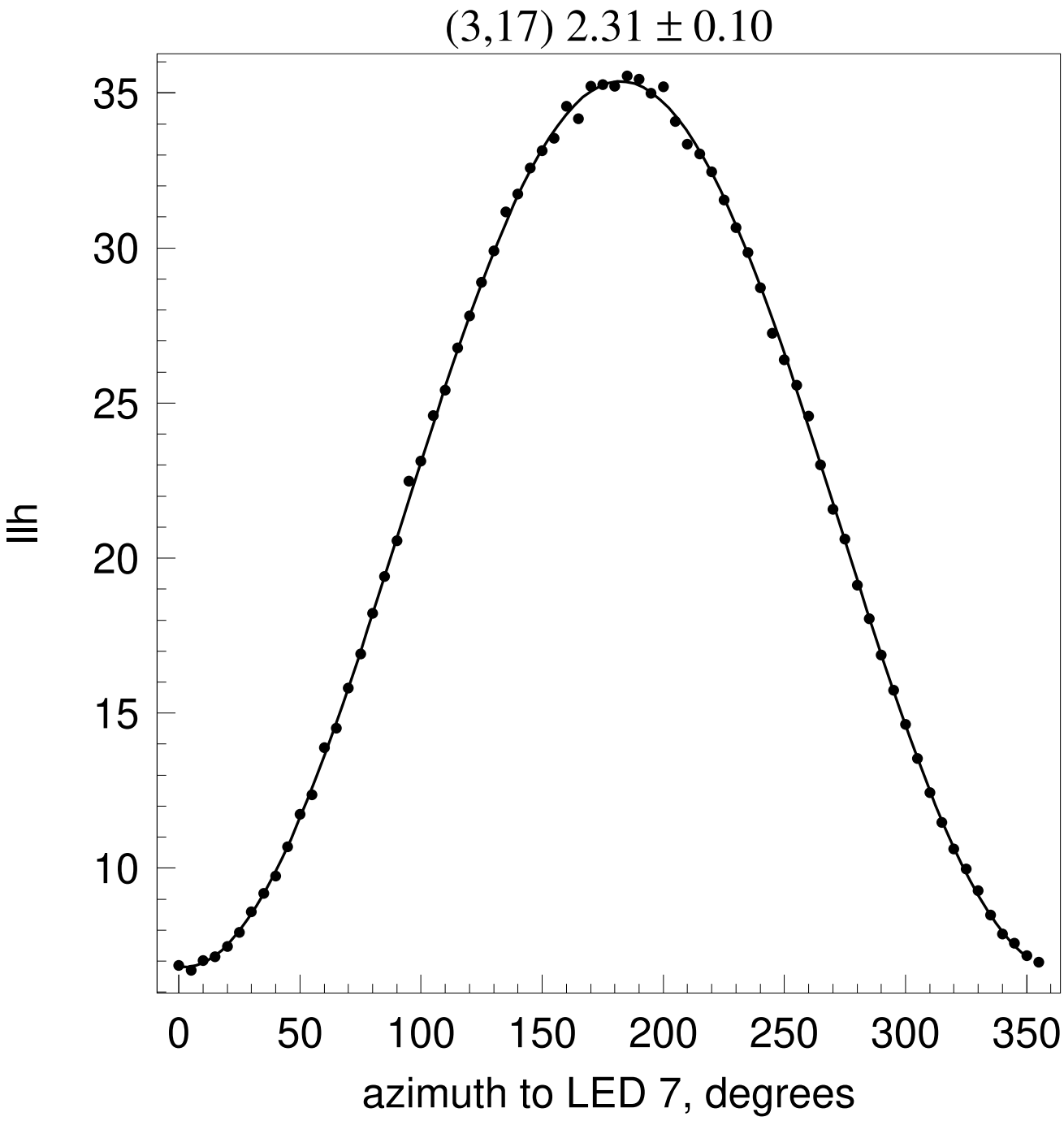

(3,12) 72.99 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

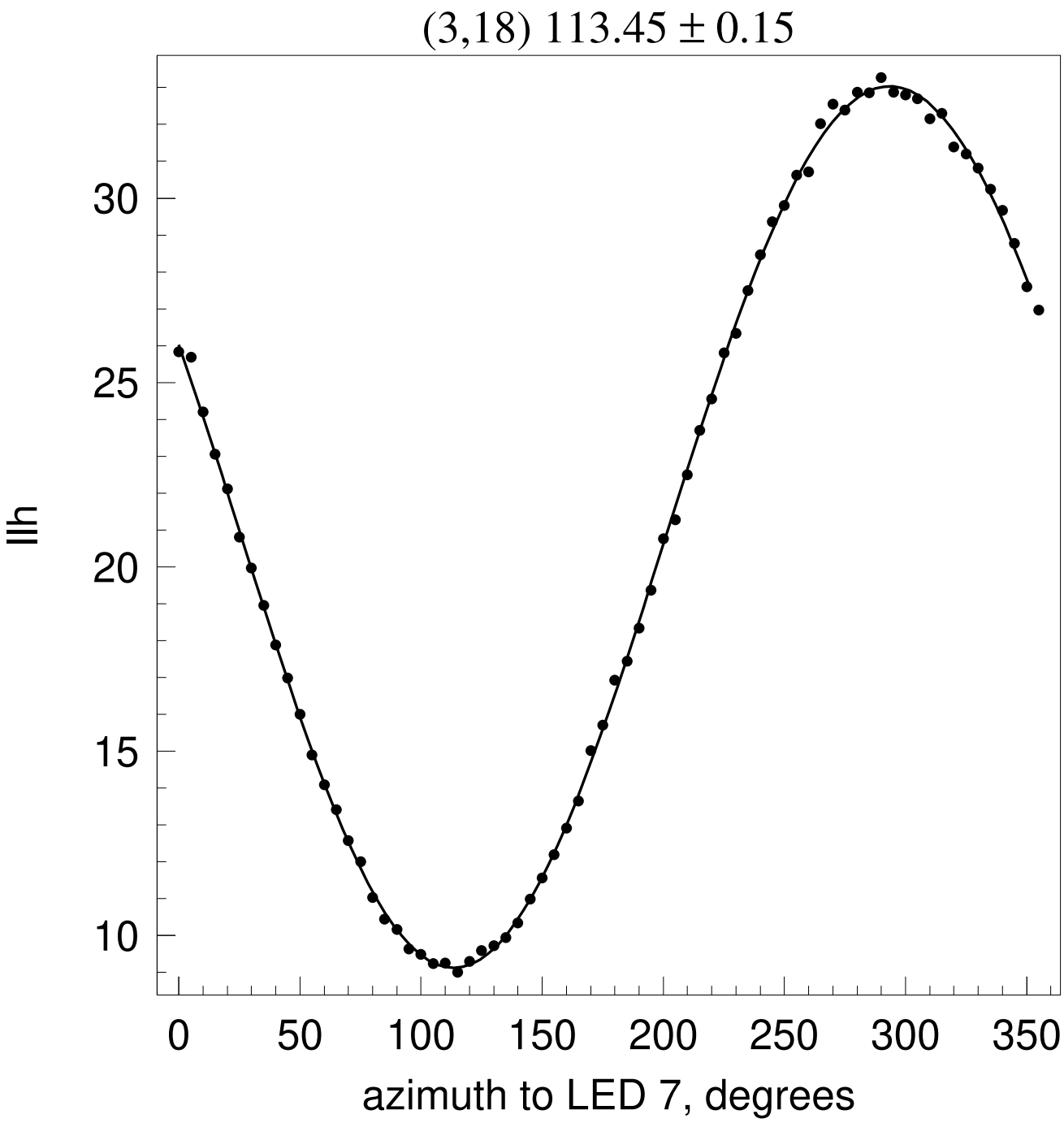

(3,13) 269.54 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

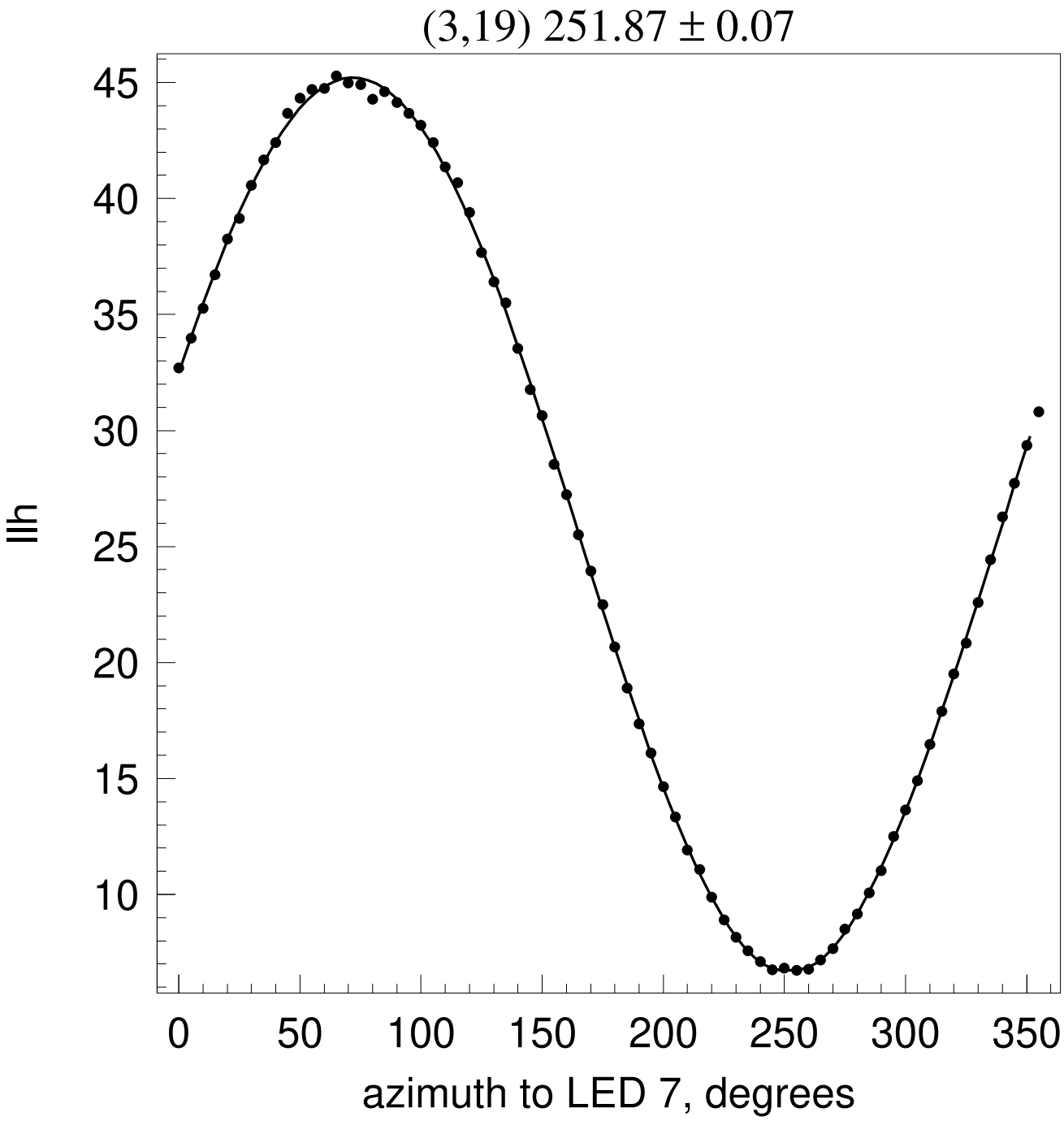

(3,14) 150.10 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

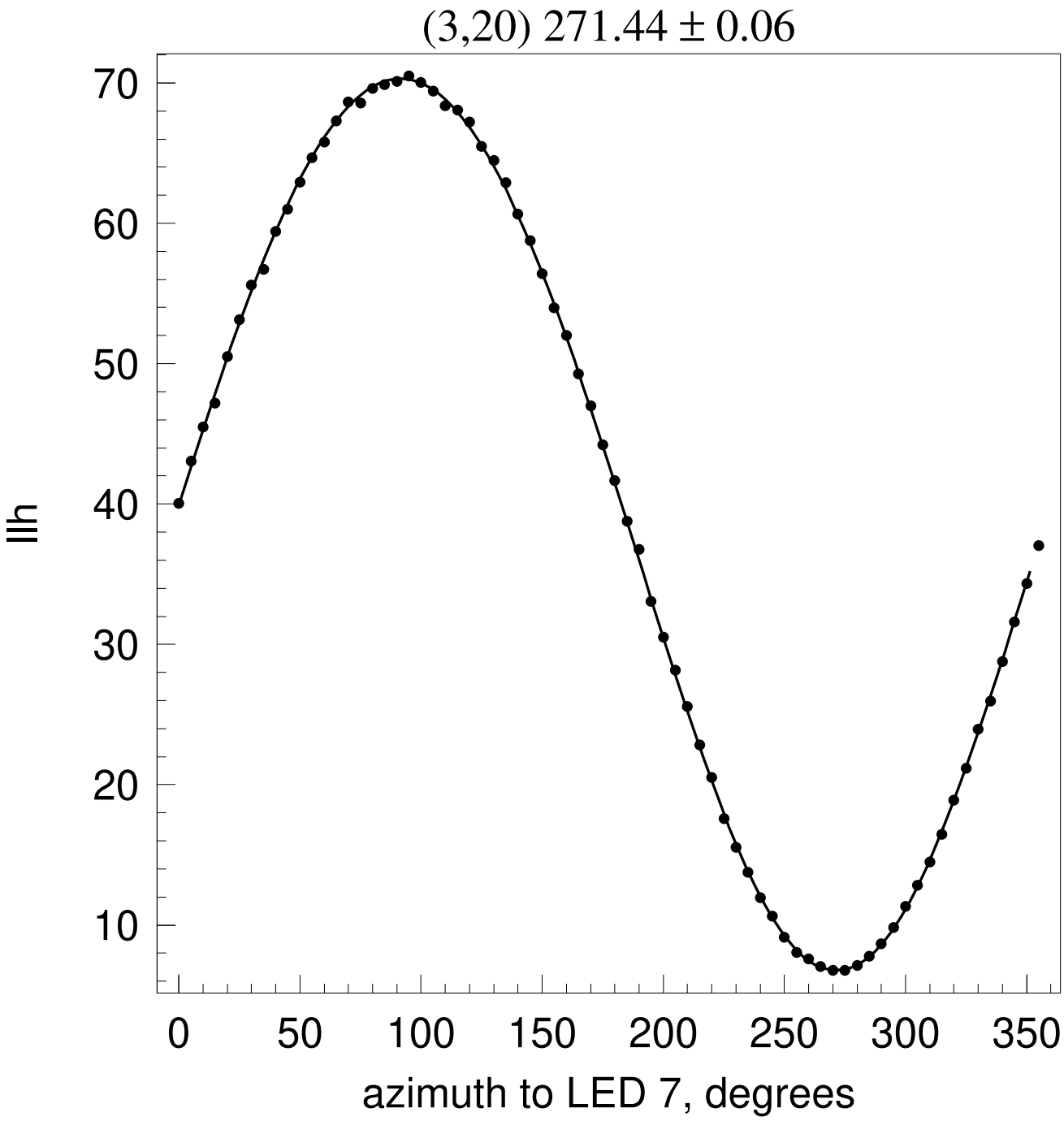

(3,15) 268.05 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

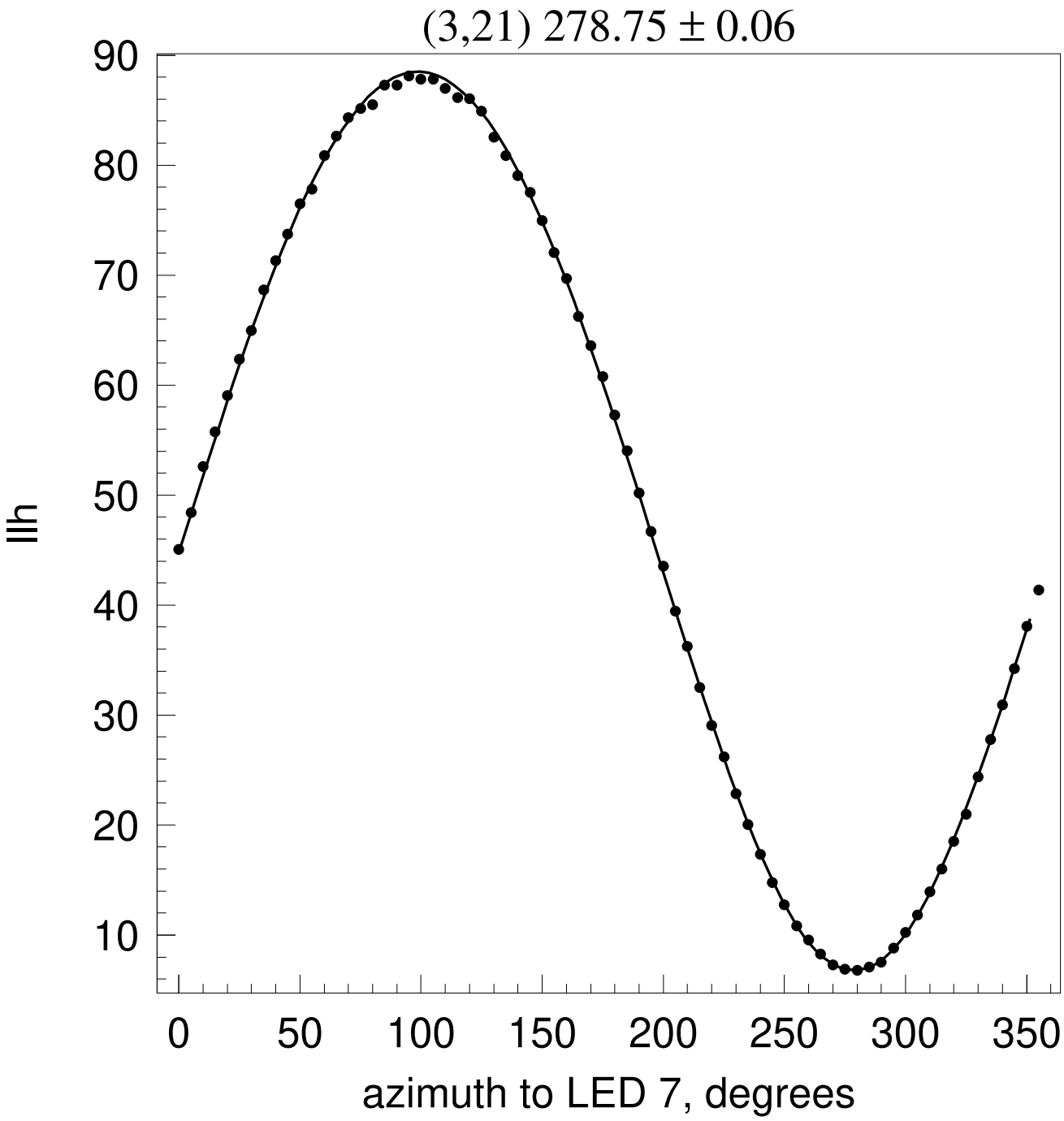

(3,16) 318.03 ± 0.00
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

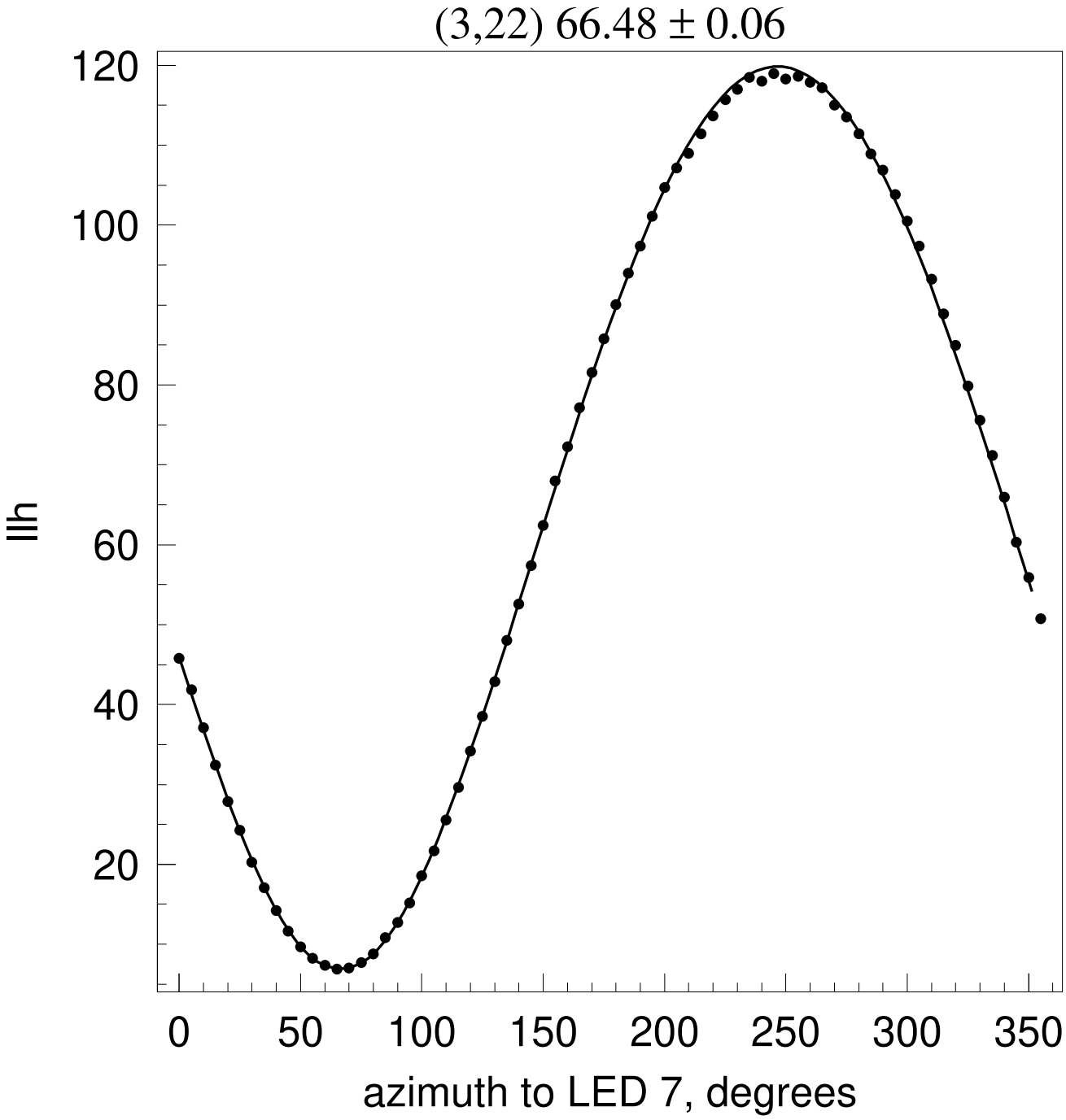

(3,17) 2.31 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

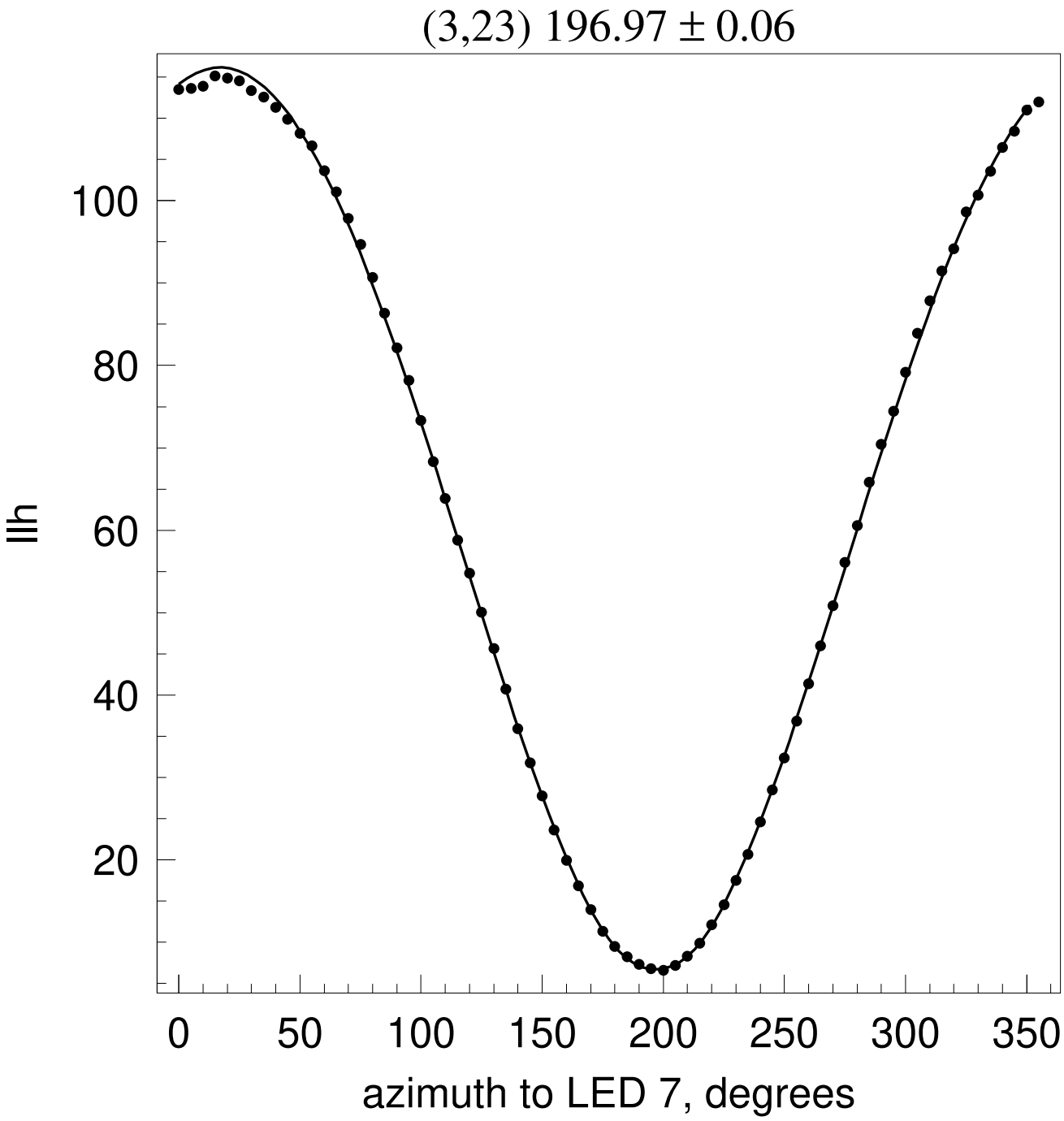

(3,18) 113.45 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

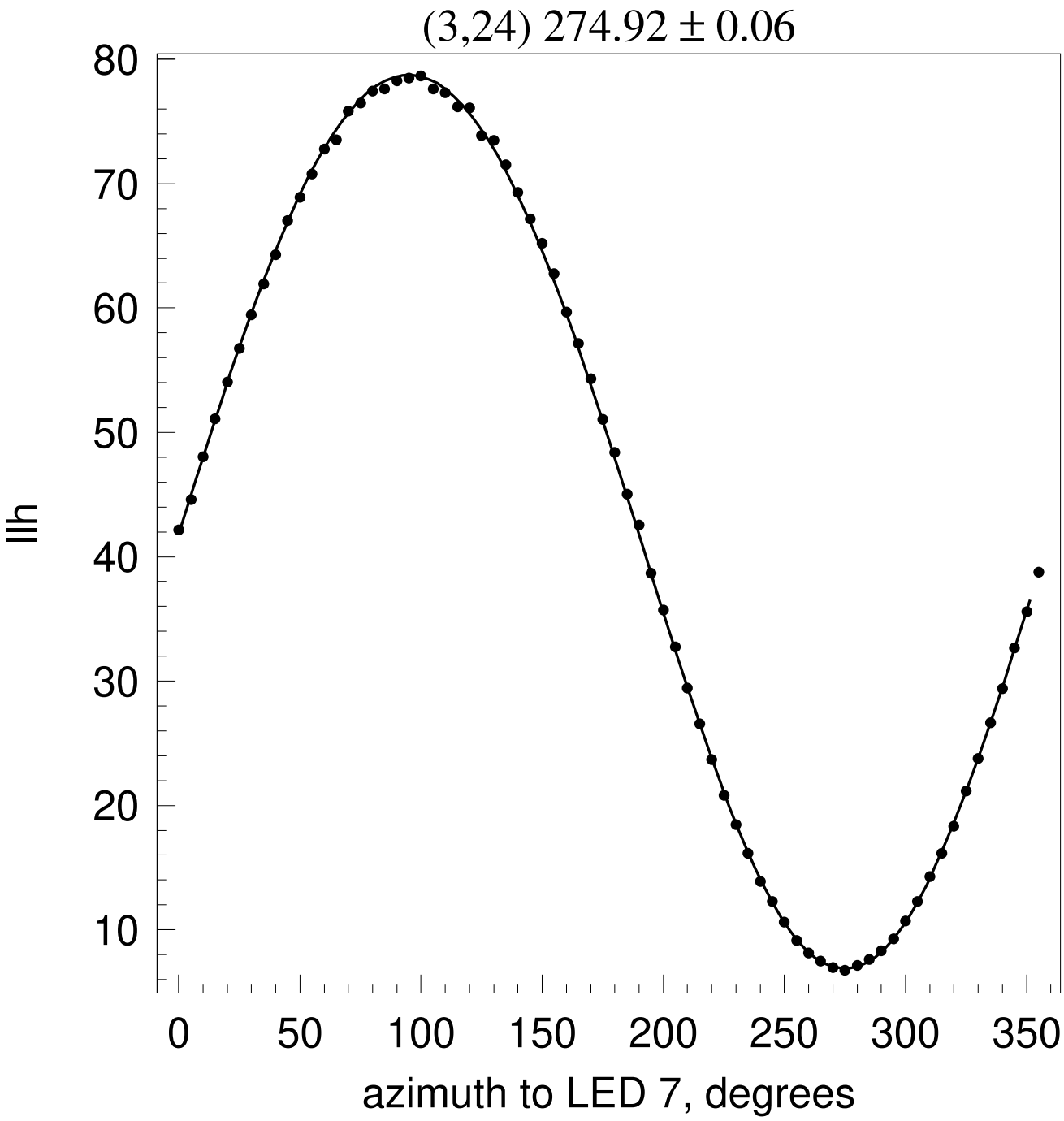

(3,19) 251.87 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

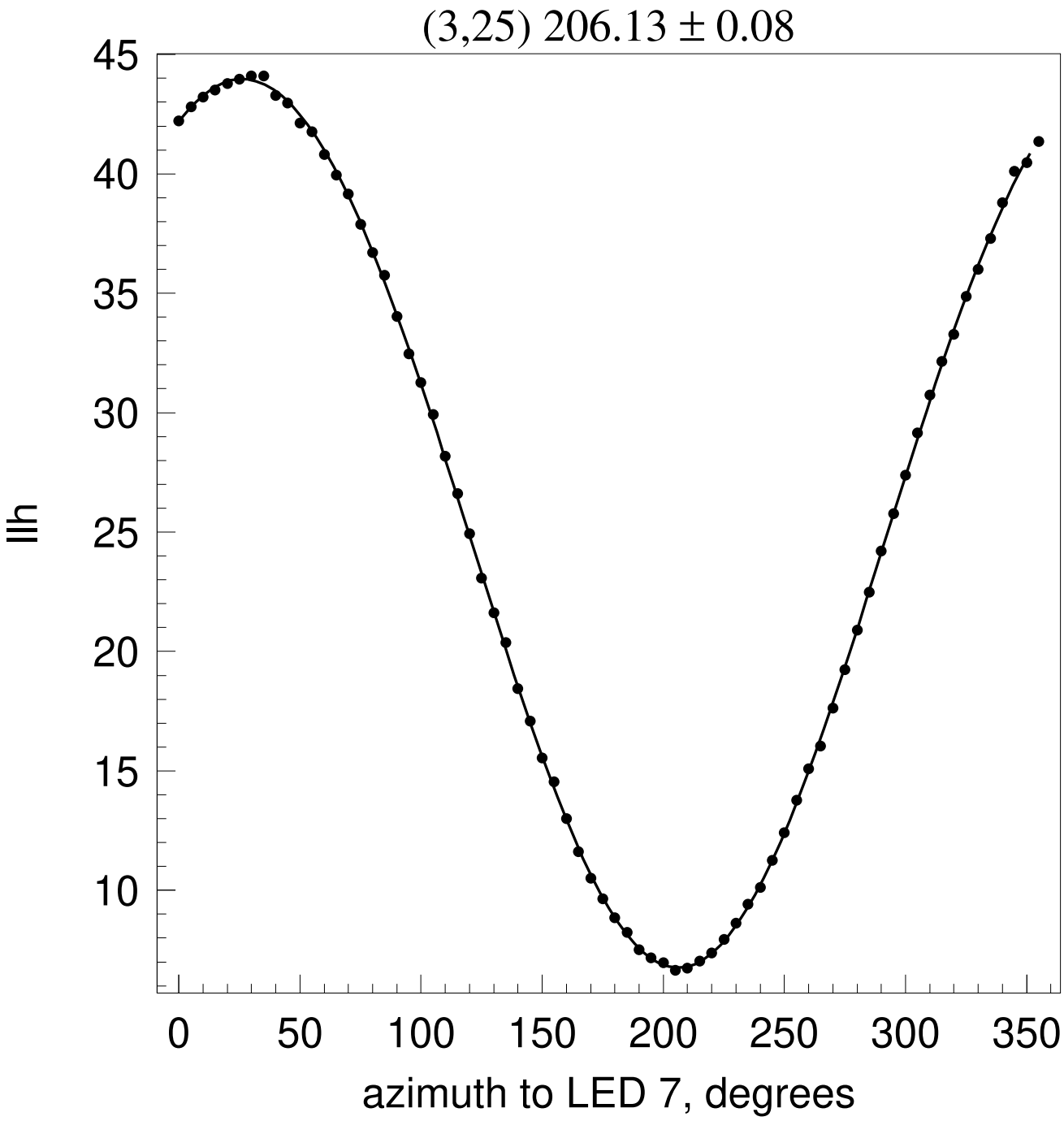

(3,20) 271.44 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

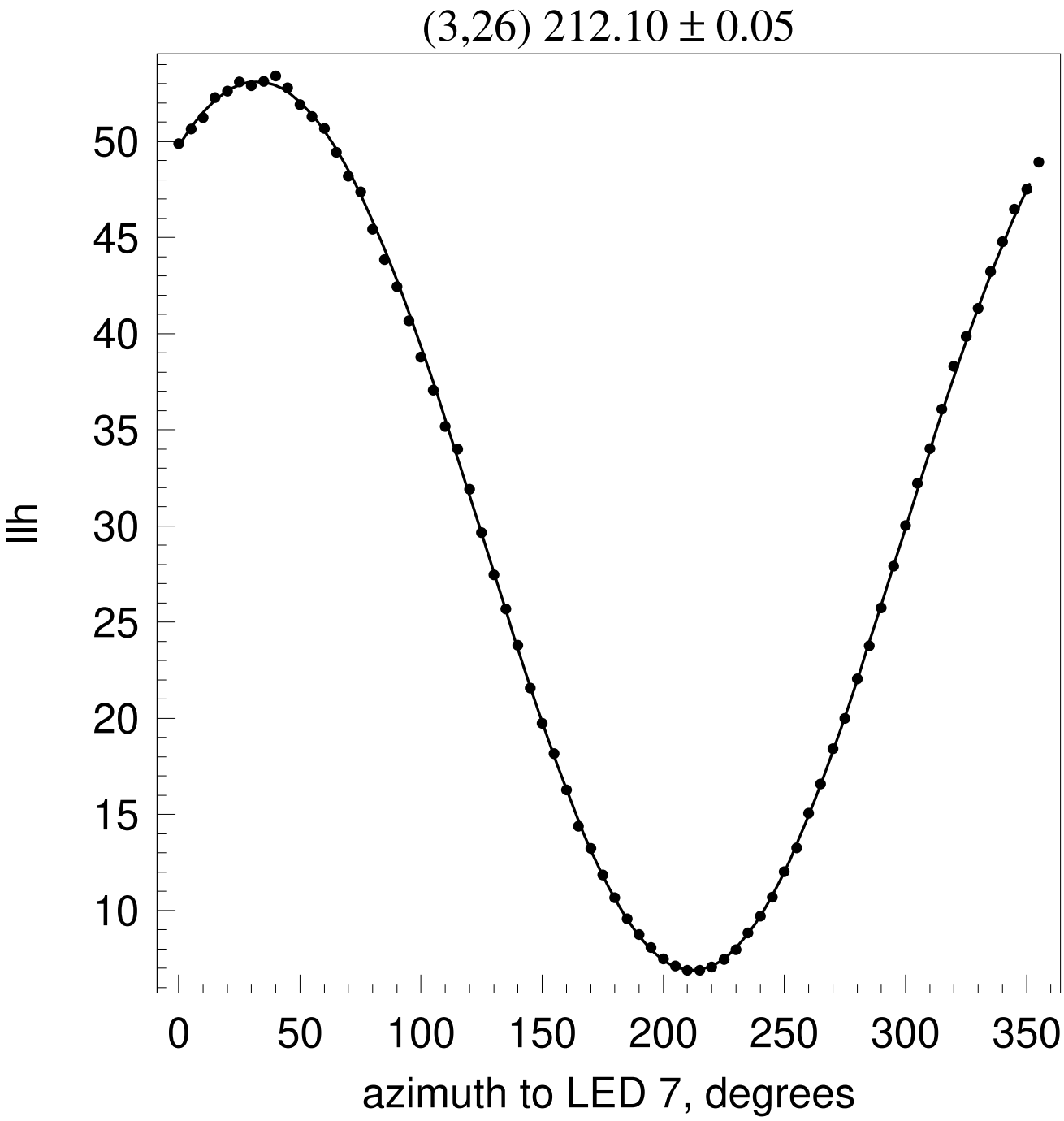

(3,21) 278.75 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

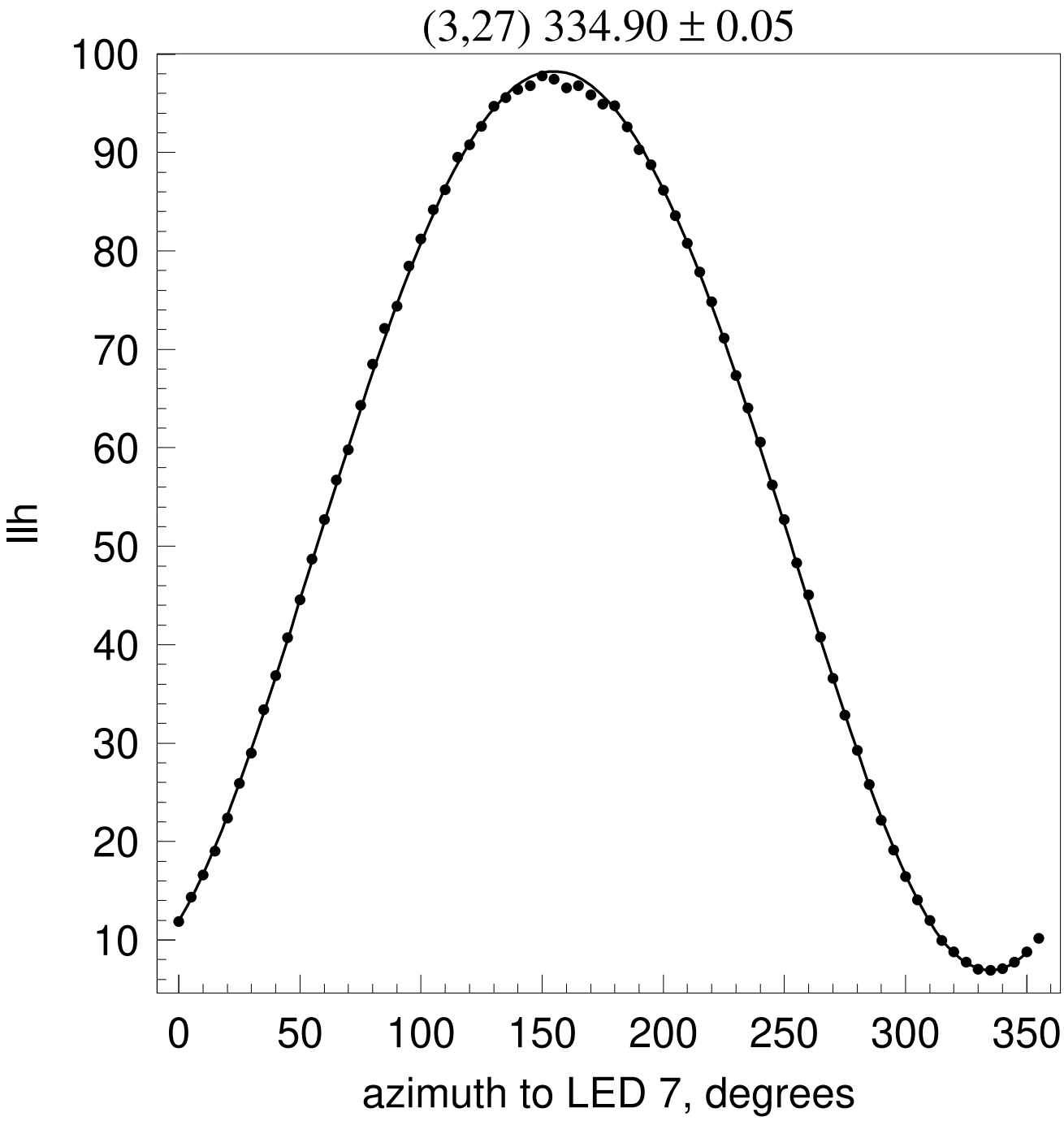

(3,22) 66.48 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

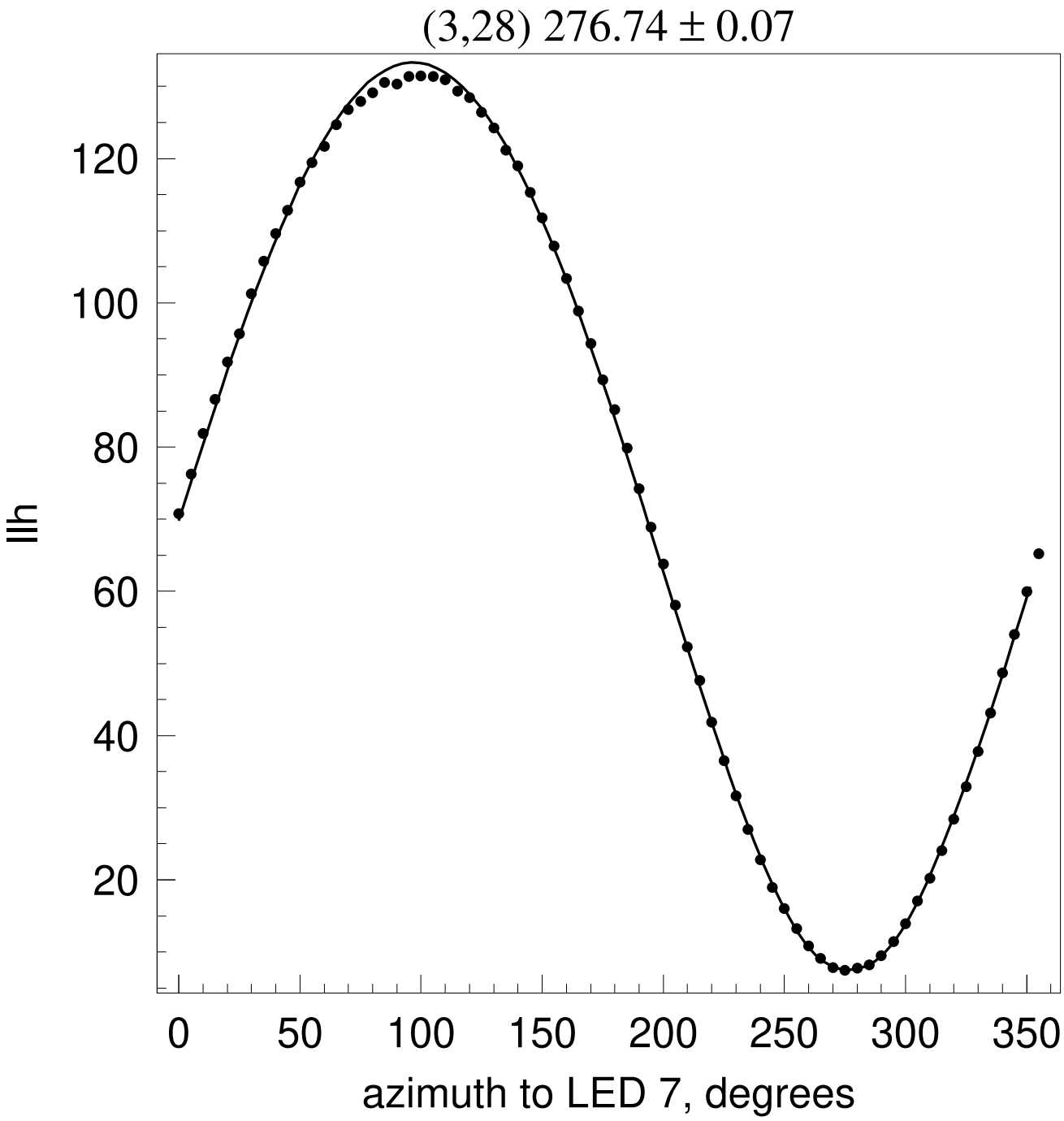

(3,23) 196.97 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

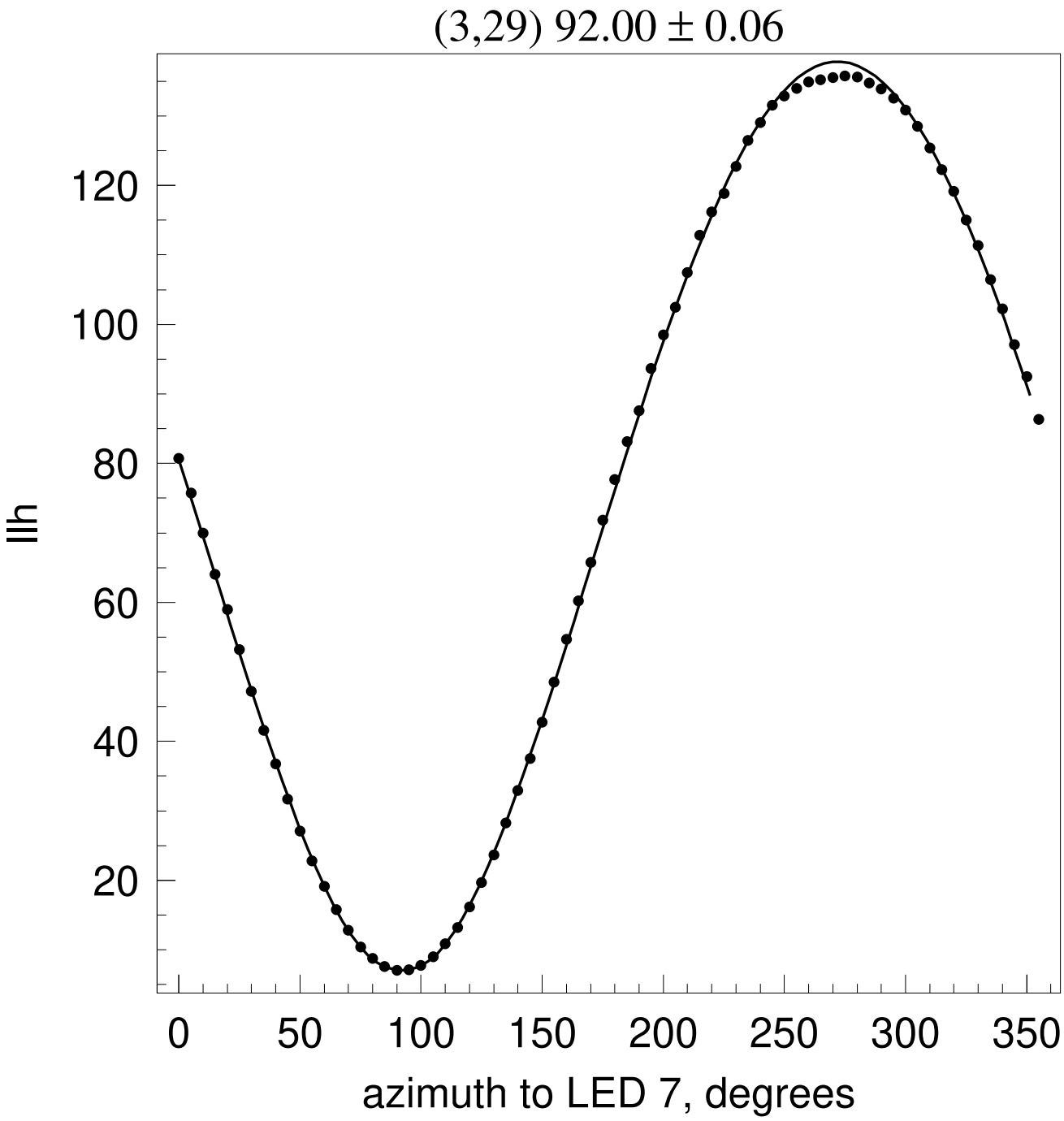

(3,24) 274.92 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

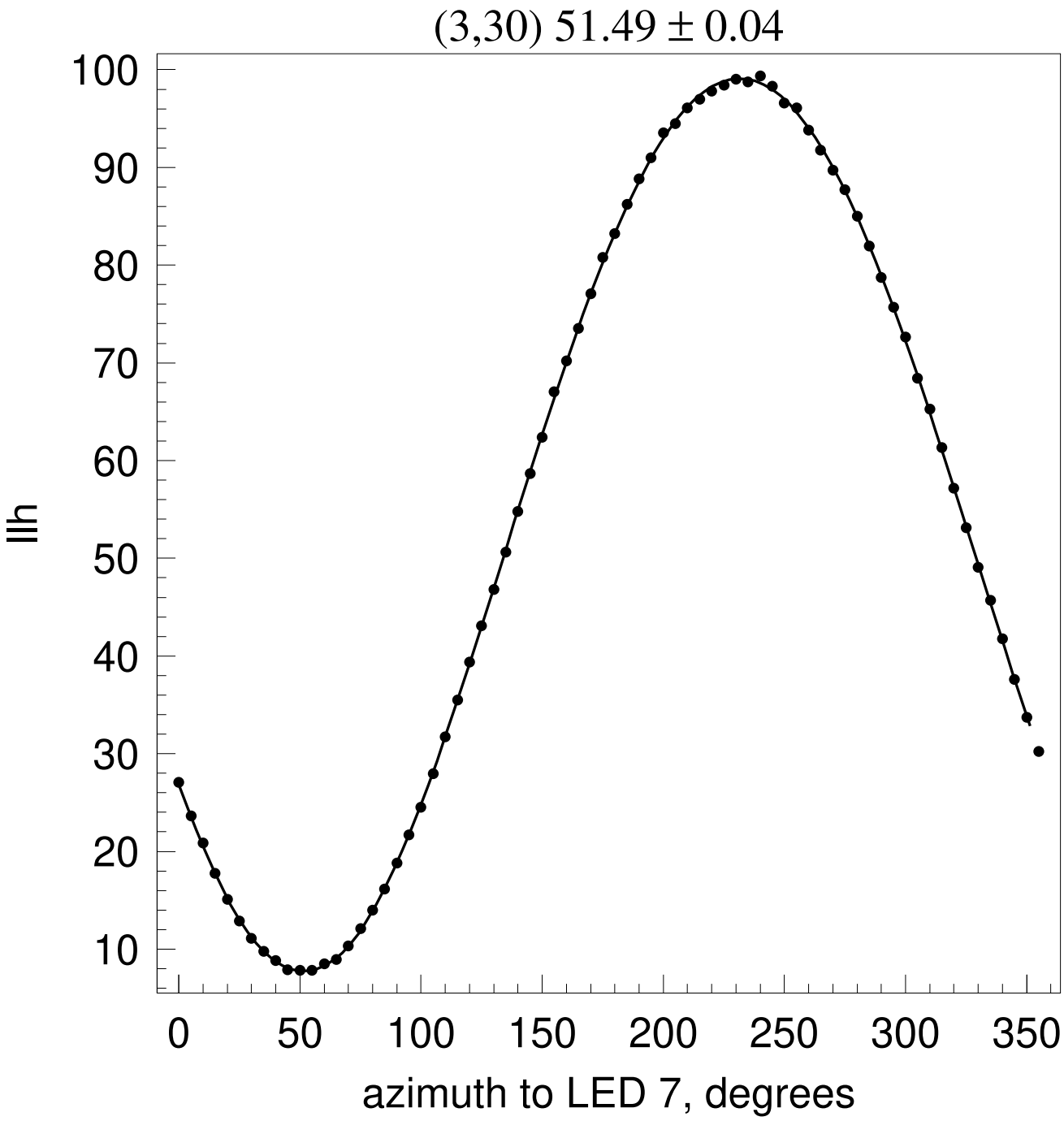

(3,25) 206.13 ± 0.08
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

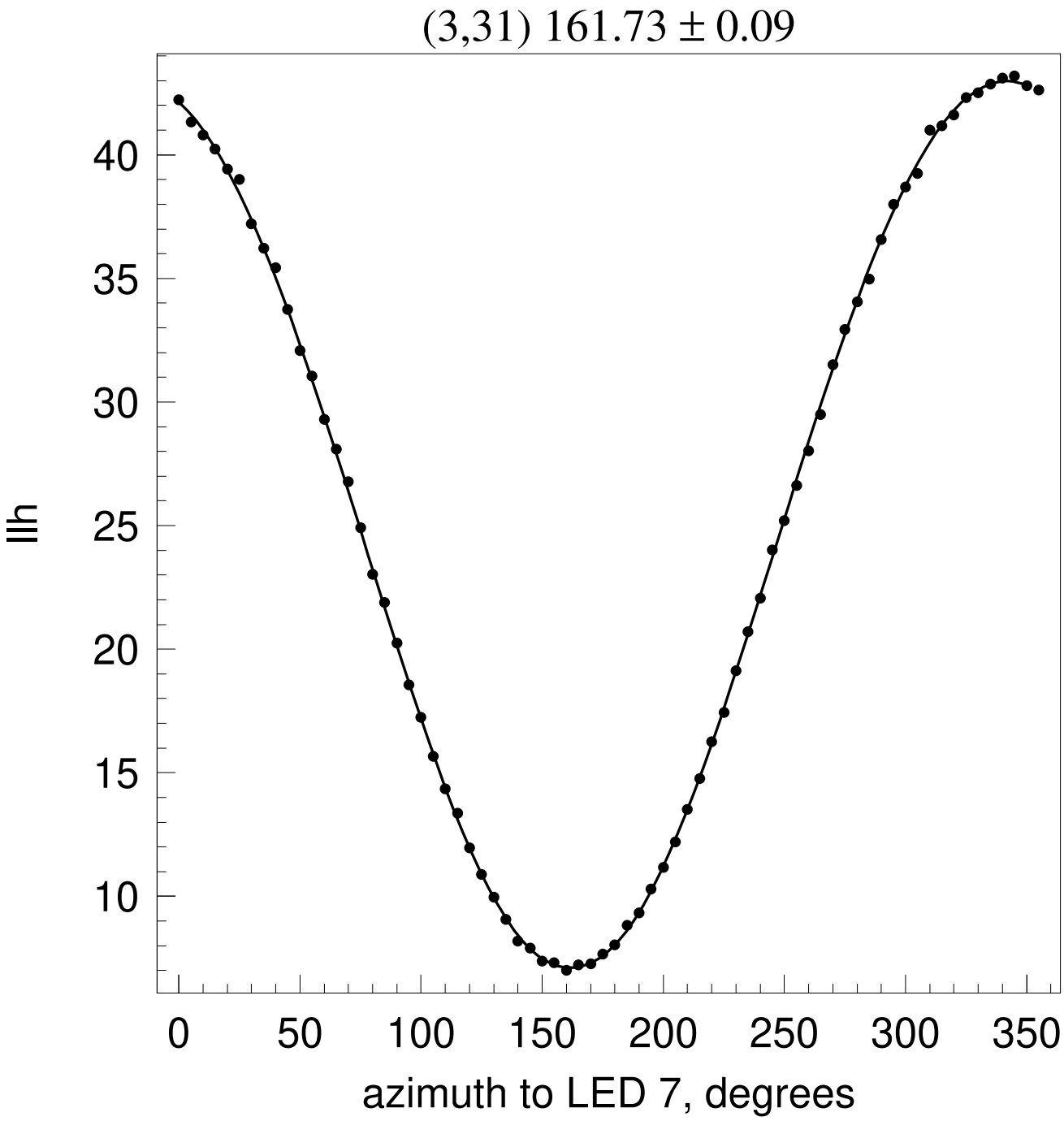

(3,26) 212.10 ± 0.05
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

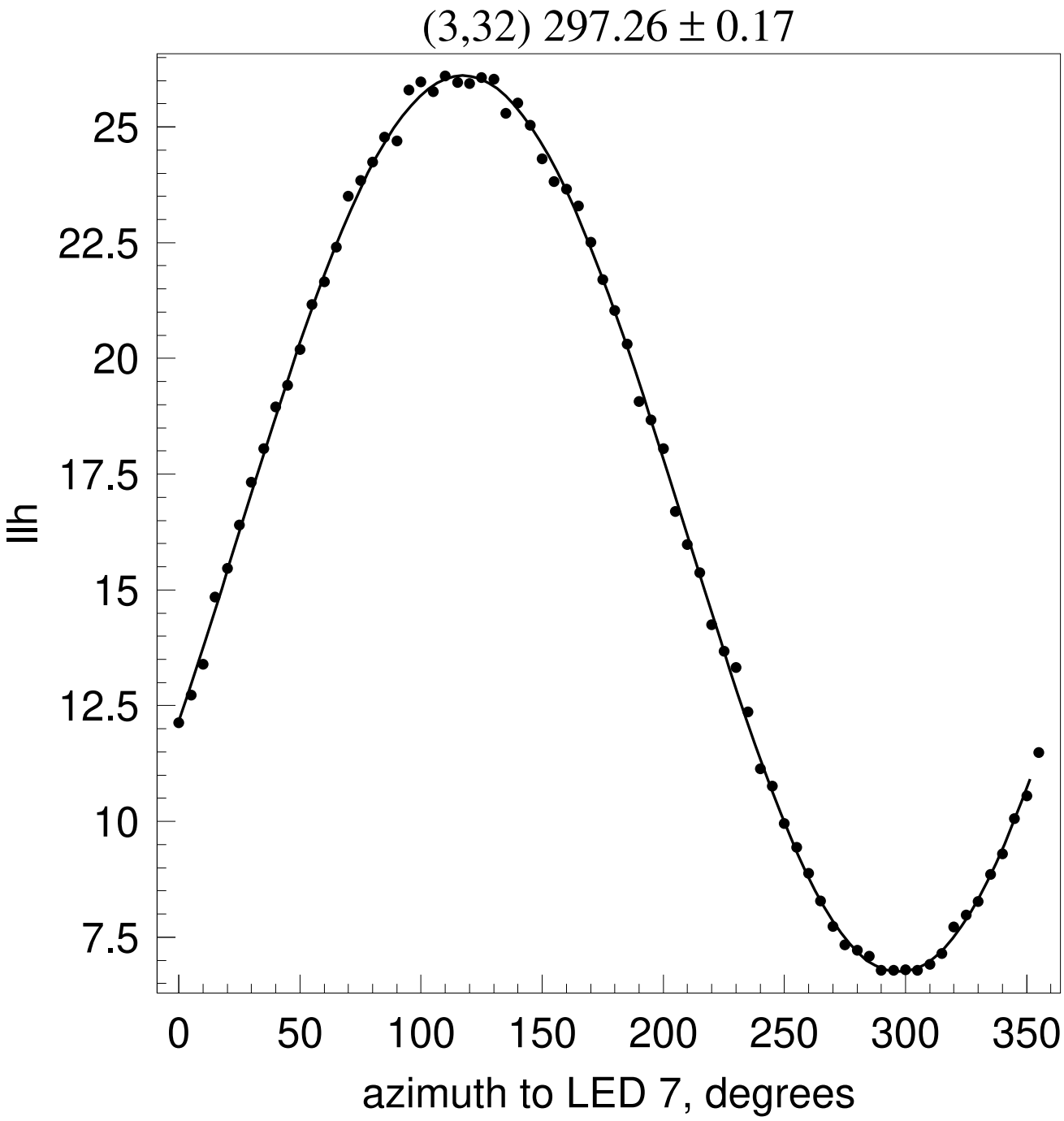

(3,27) 334.90 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

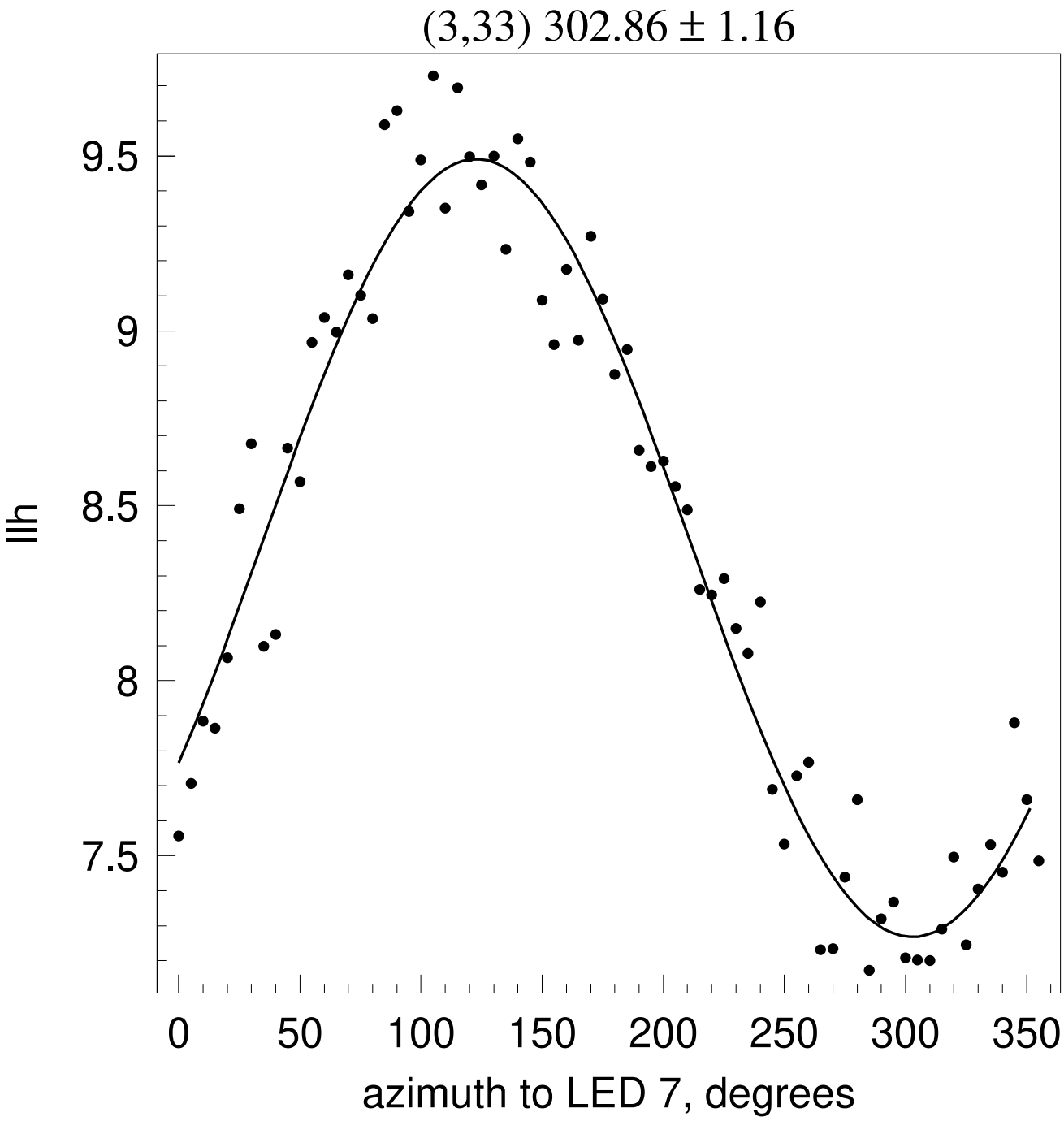

(3,28) 276.74 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

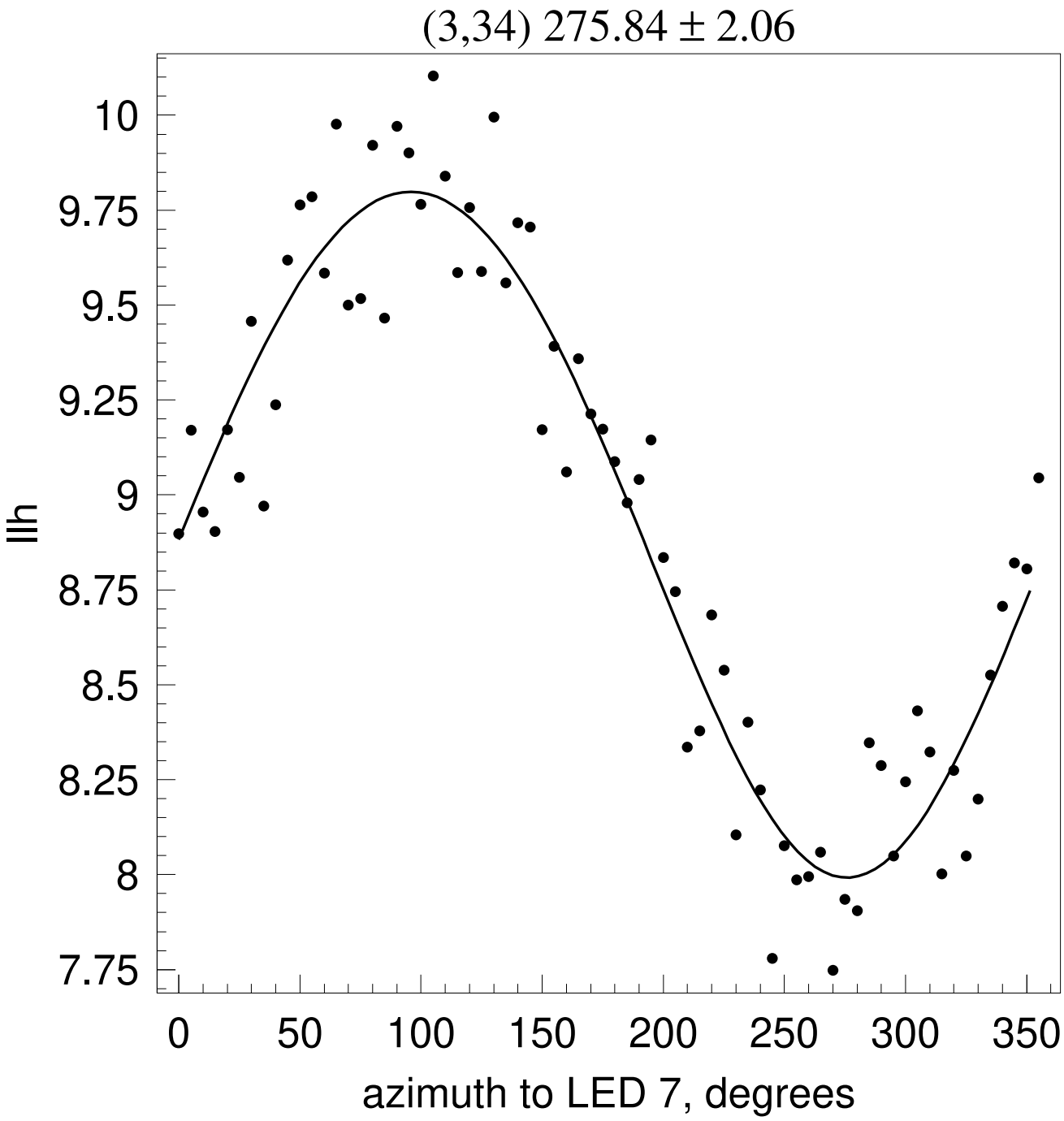

(3,29) 92.00 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

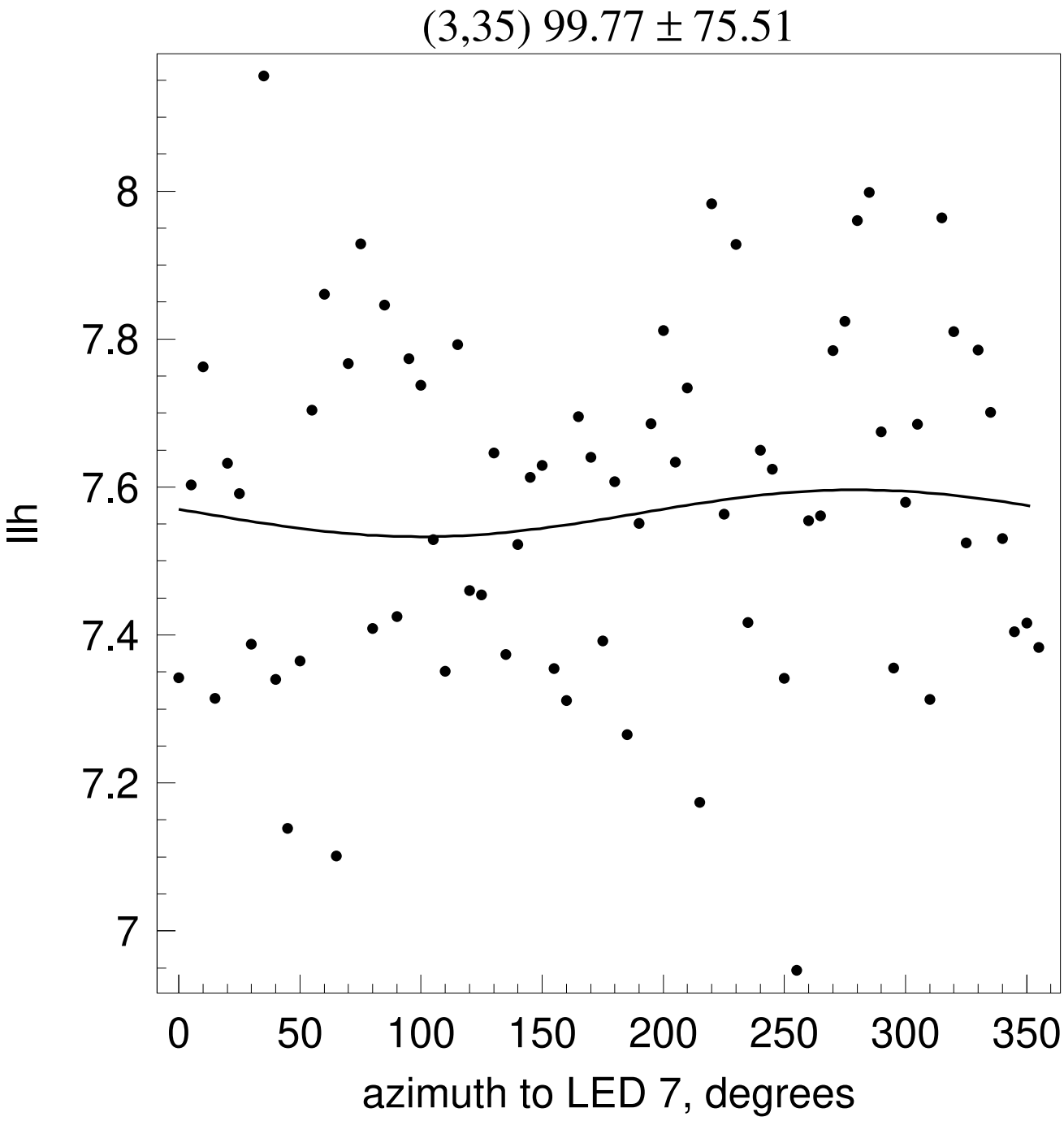

(3,30) 51.49 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

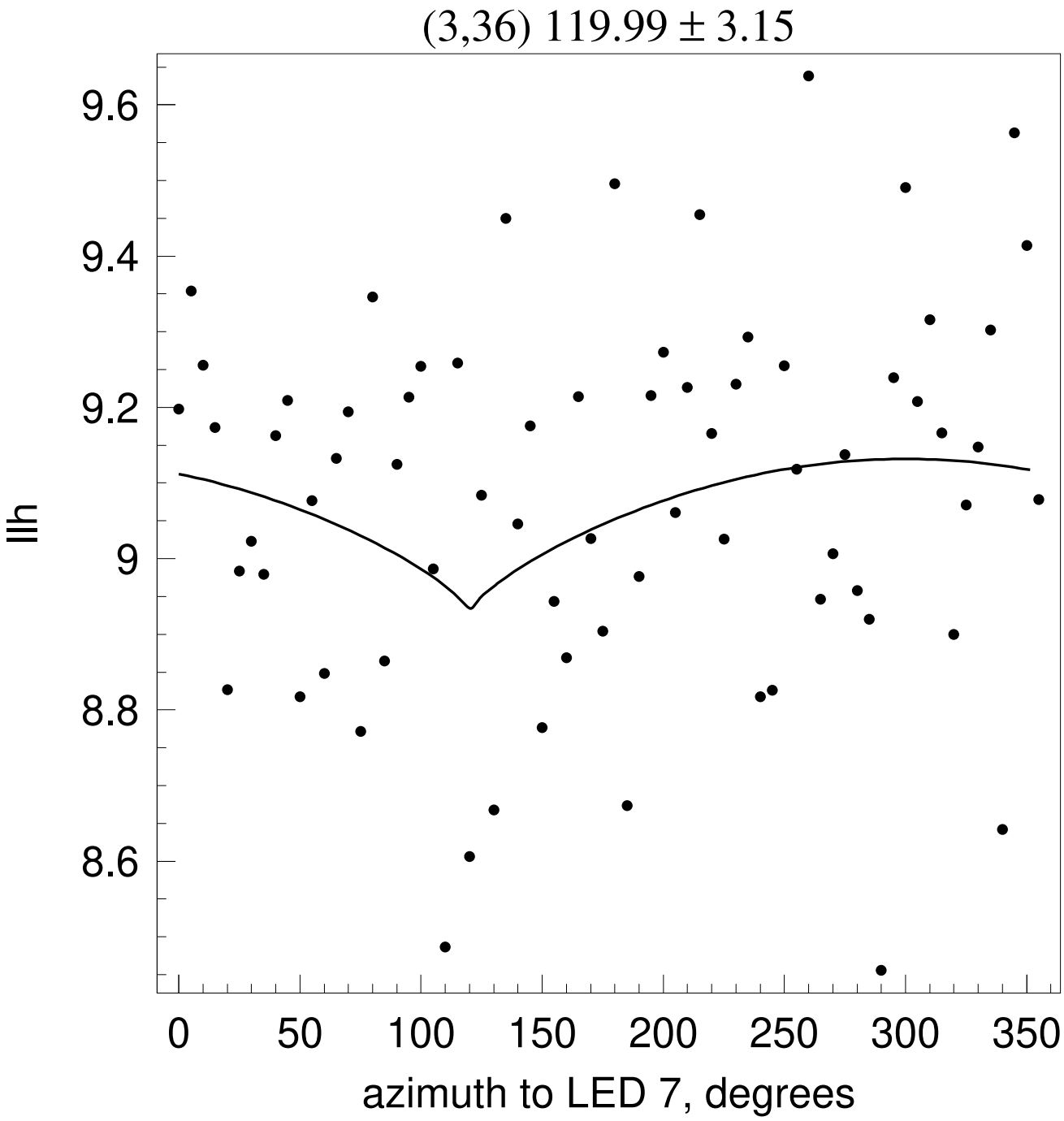

(3,31) 161.73 ± 0.09
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

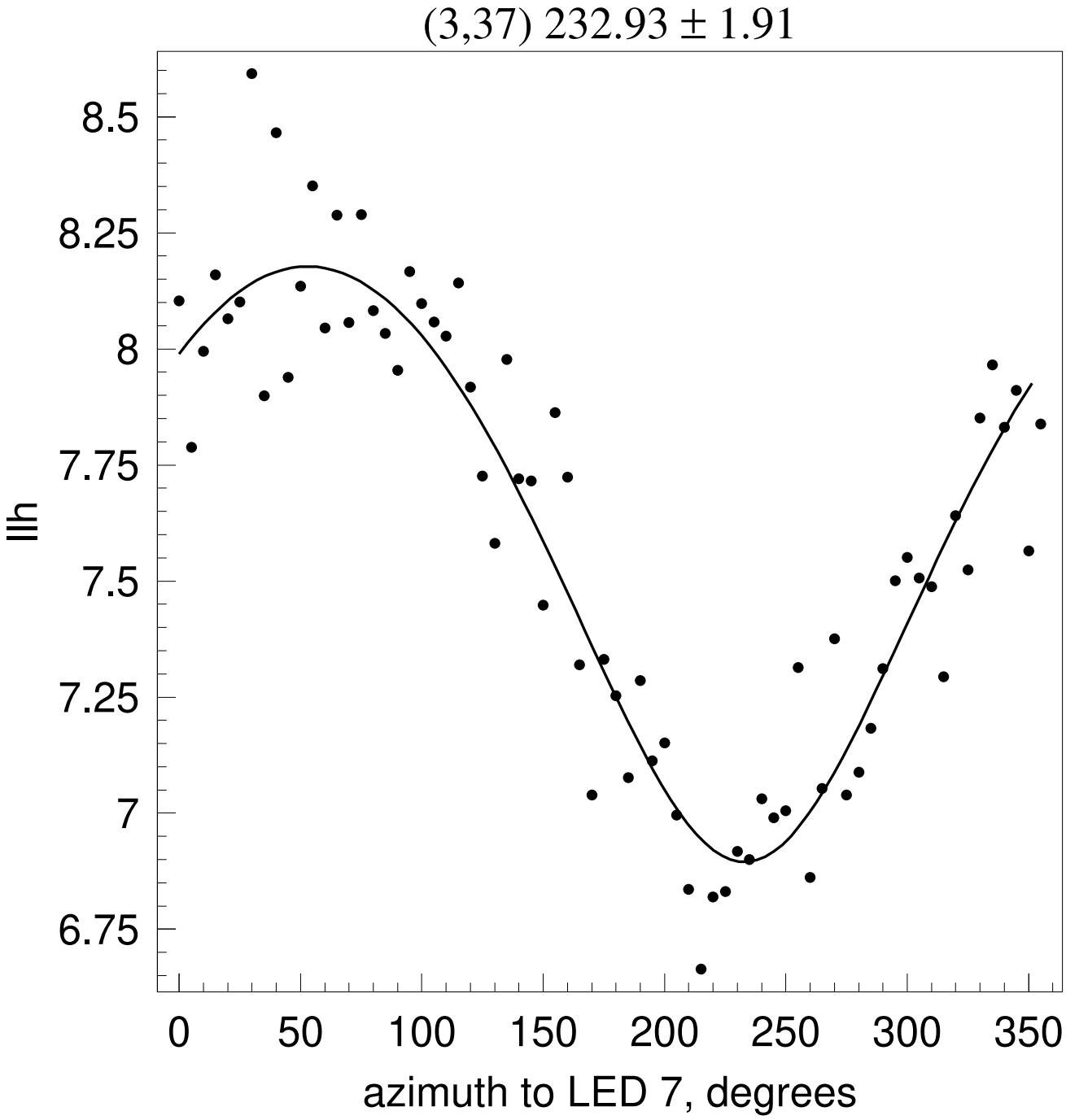

(3,32) 297.26 ± 0.17
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

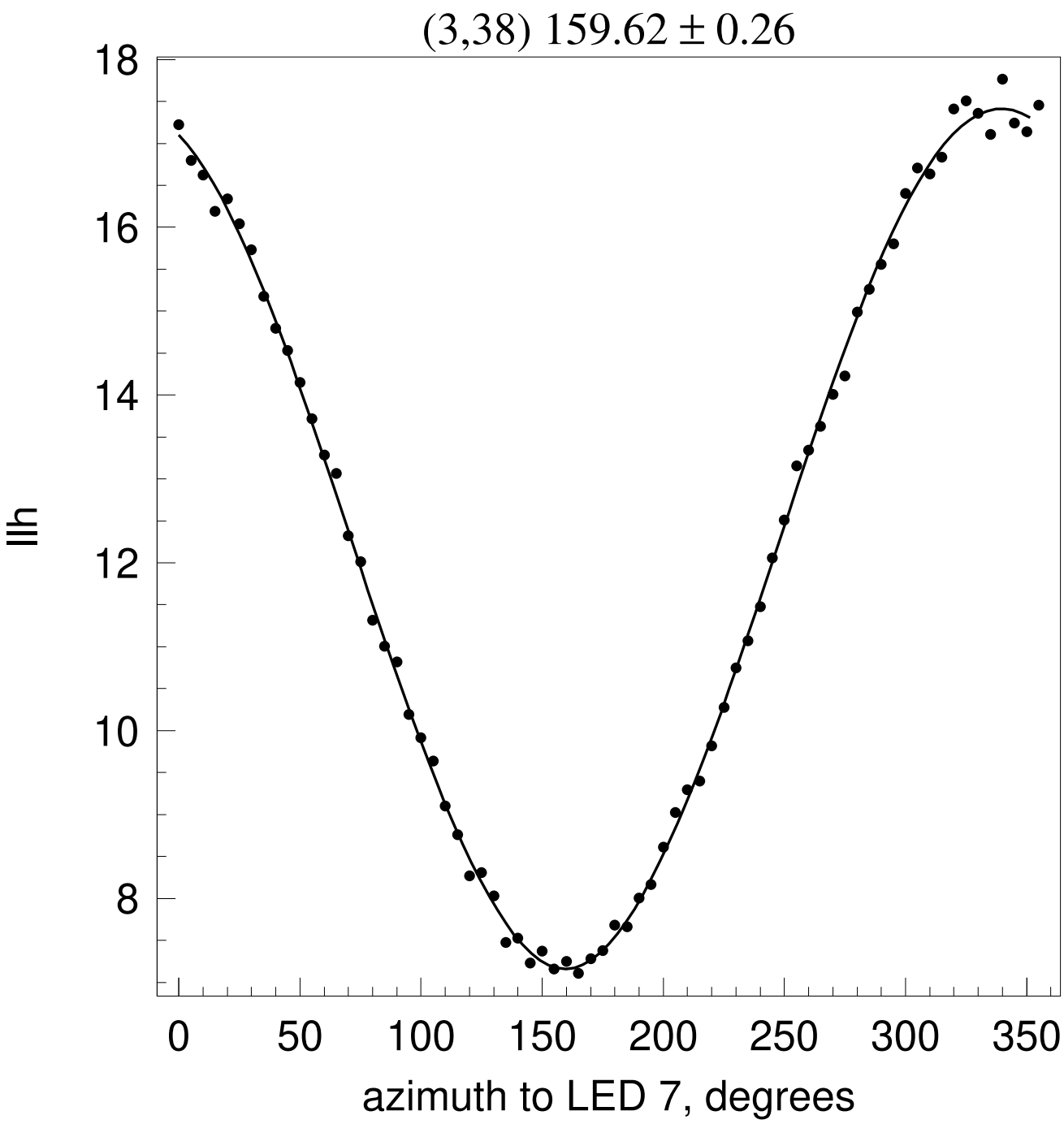

(3,33) 302.86 ± 1.16
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

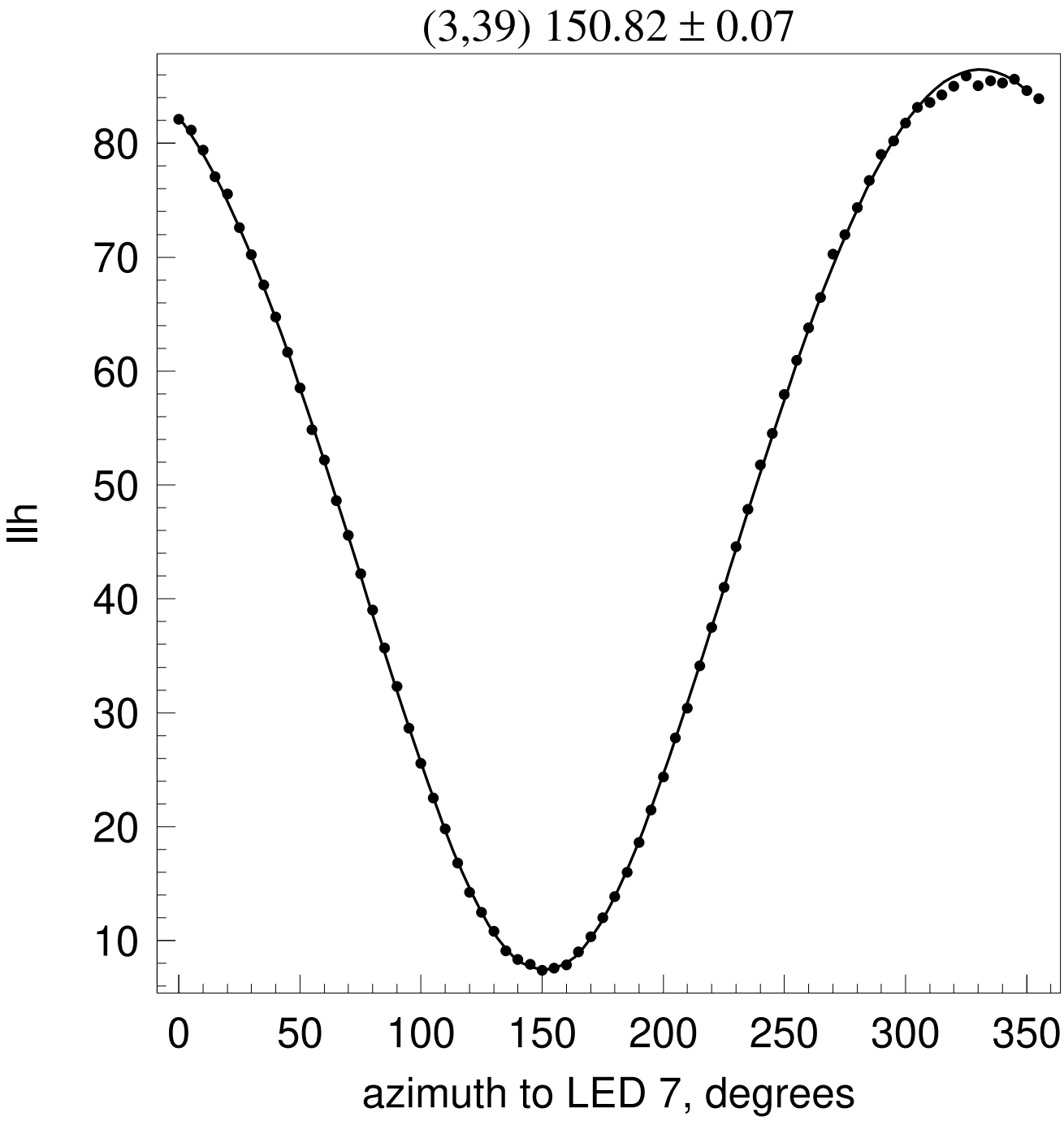

(3,34) 275.84 ± 2.06
10
9.75
9.5
9.25
9
8.75
8.5
8.25
8
7.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

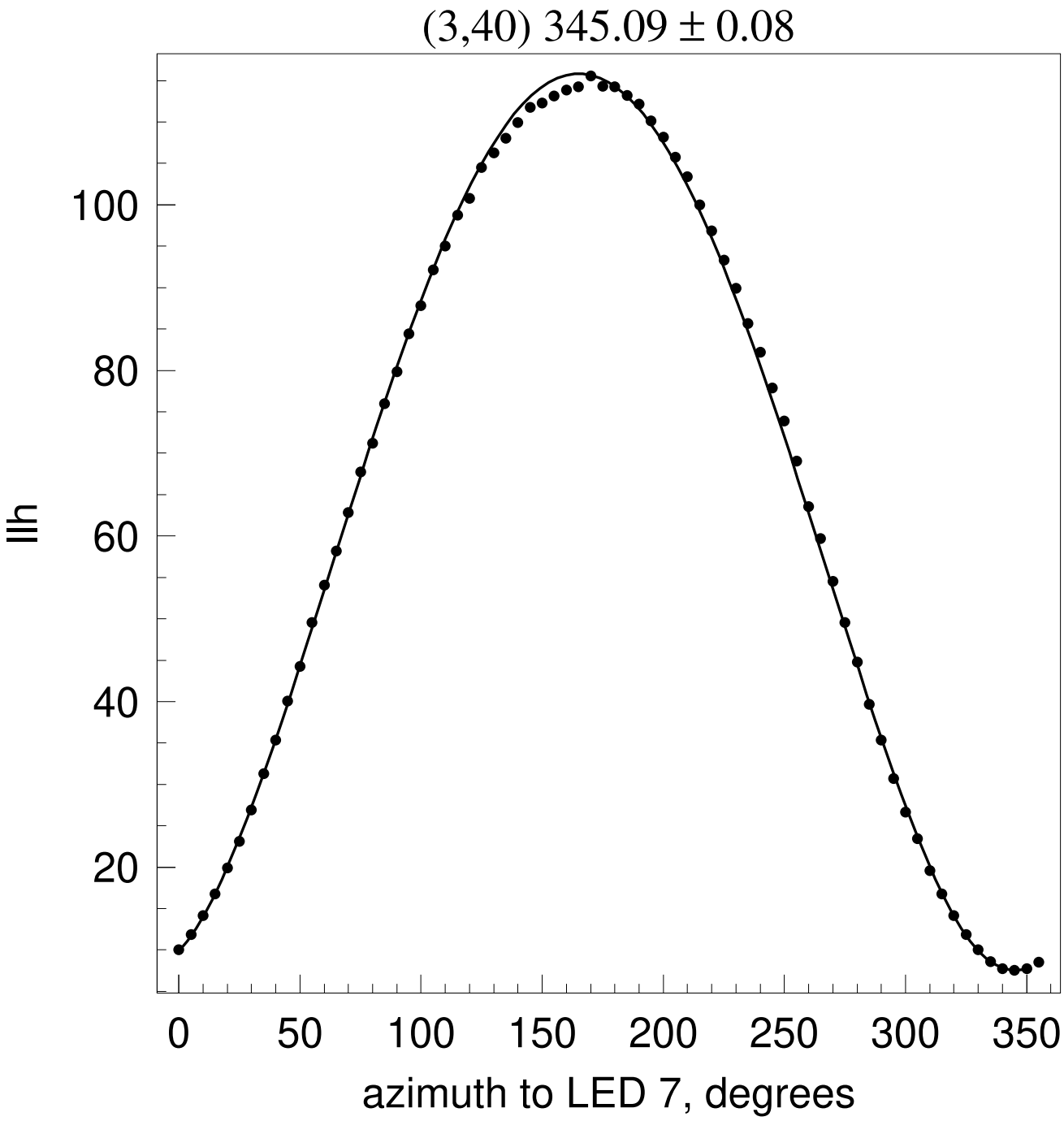

(3,35) 99.77 ± 75.51
8
7.8
7.6
7.4
7.2
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

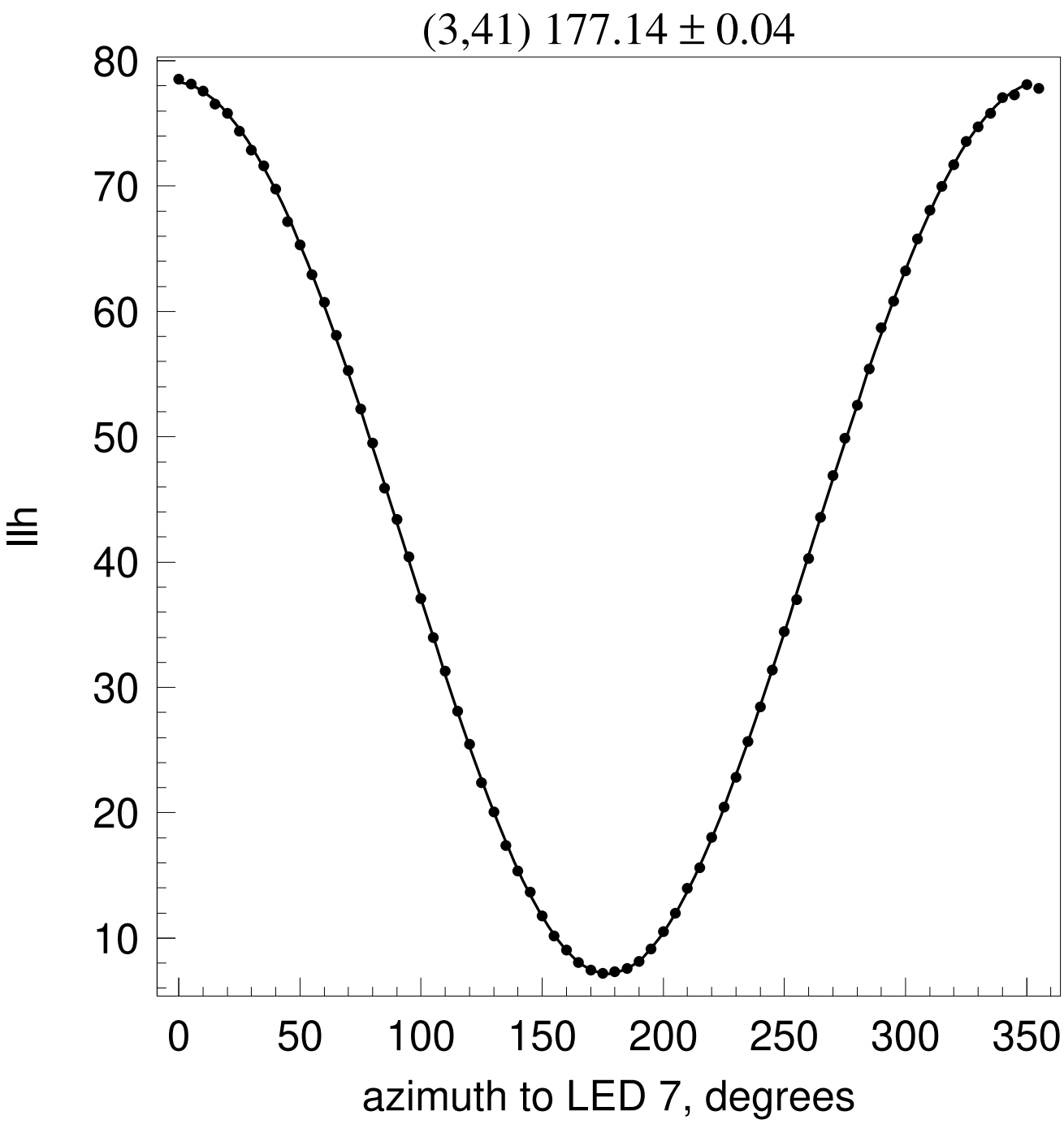

(3,36) 119.99 ± 3.15
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

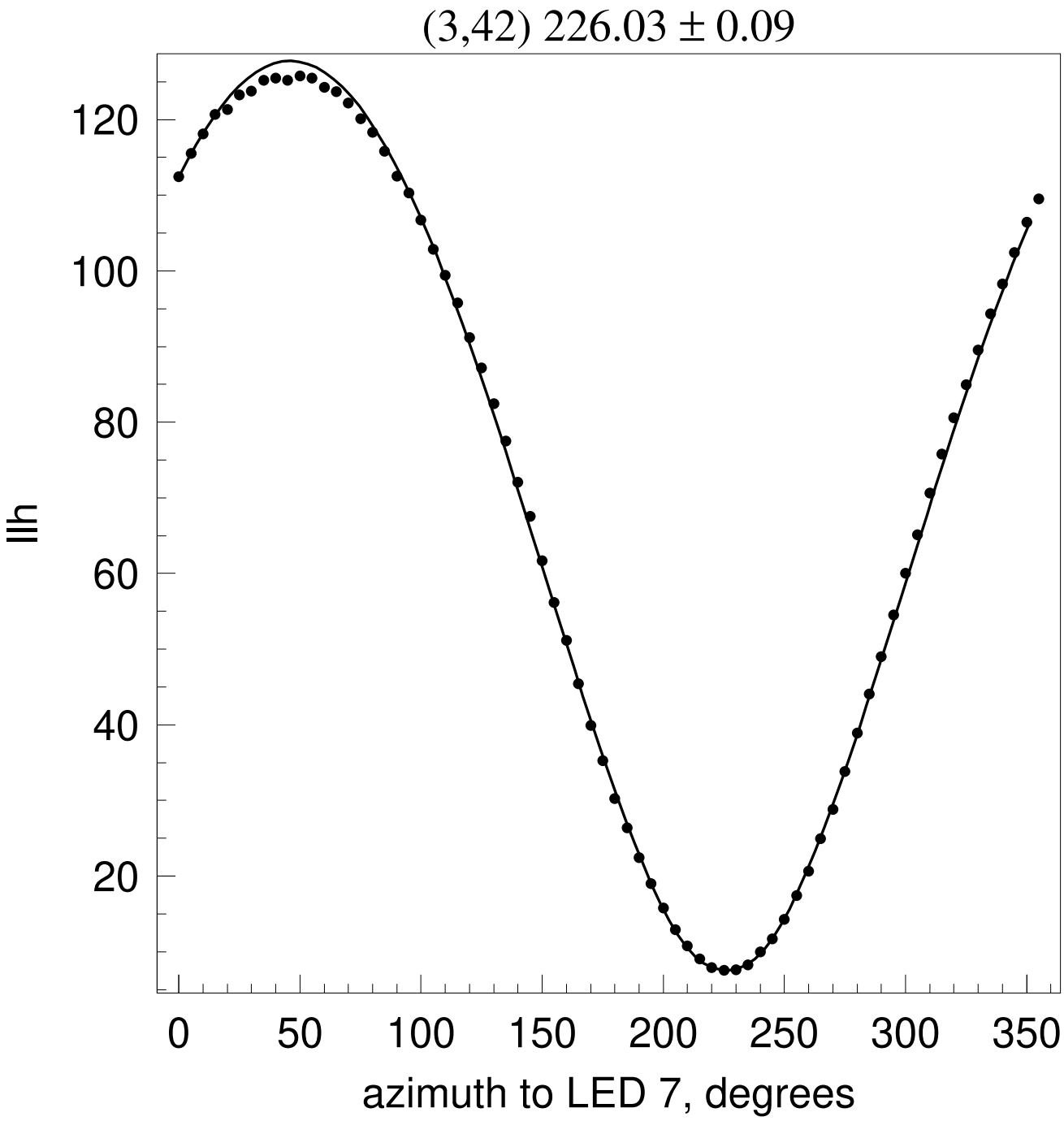

(3,37) 232.93 ± 1.91
8.5
8.25
8
7.75
7.5
7.25
7
6.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

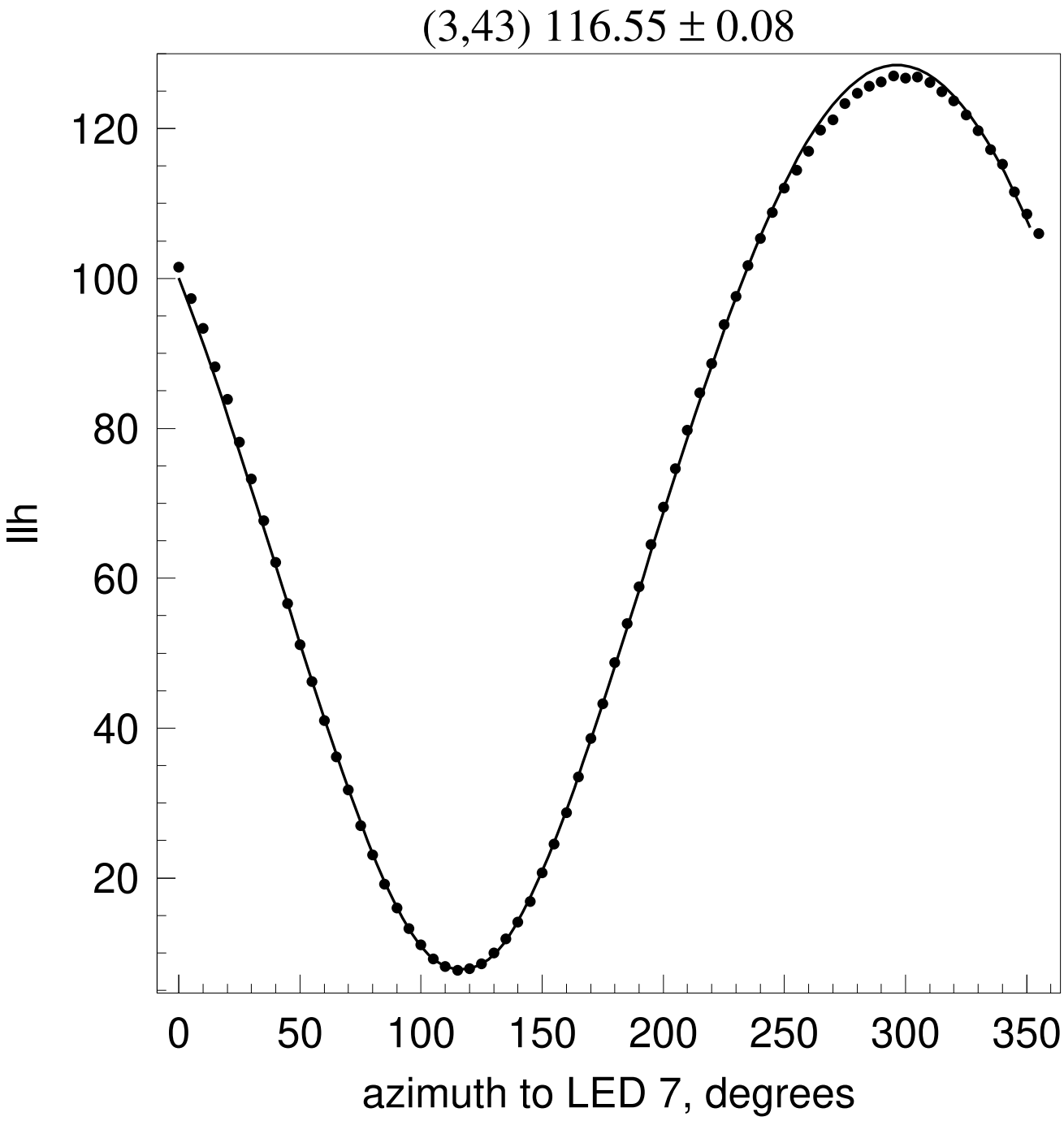

(3,38) 159.62 ± 0.26
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

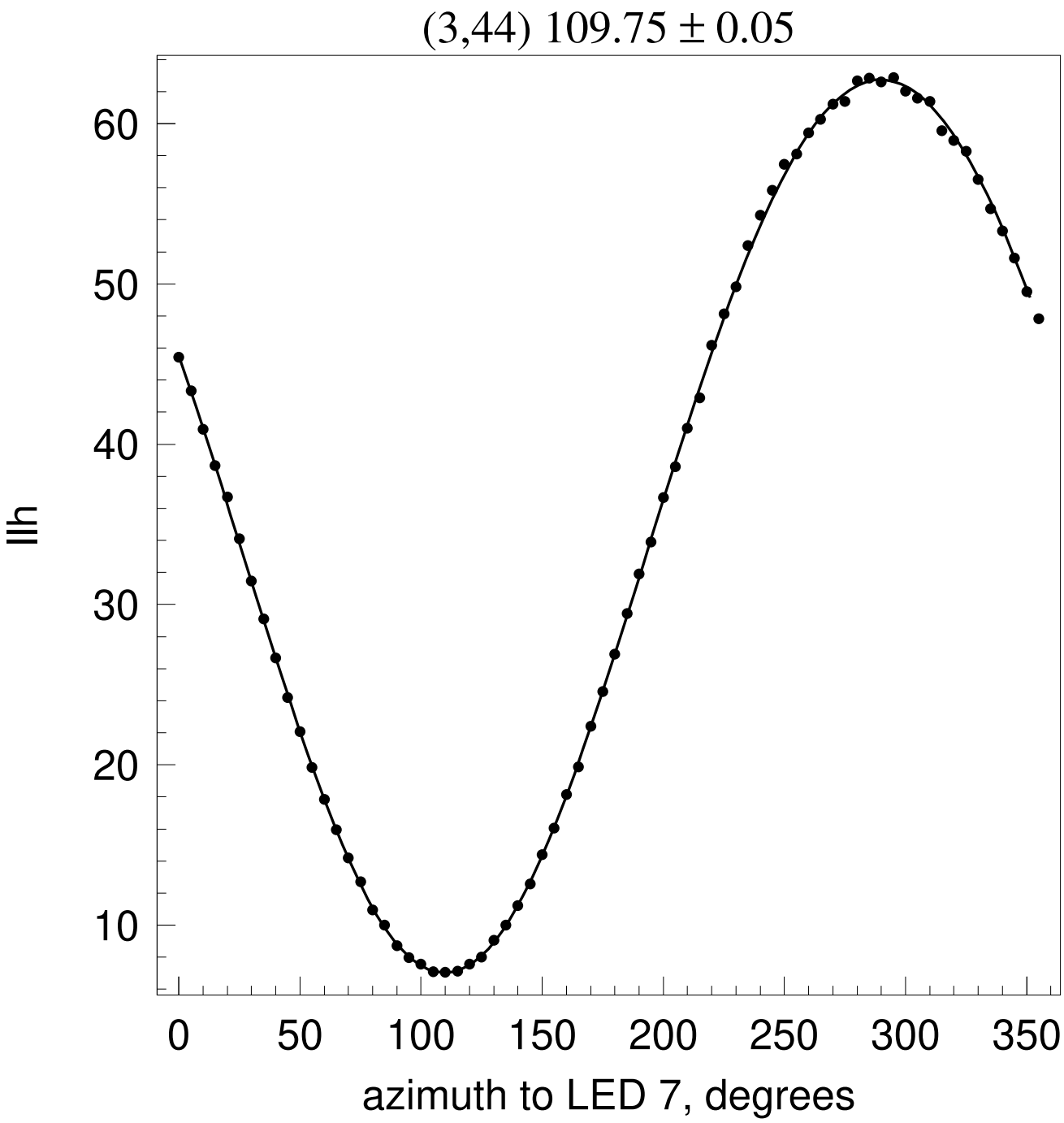

(3,39) 150.82 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

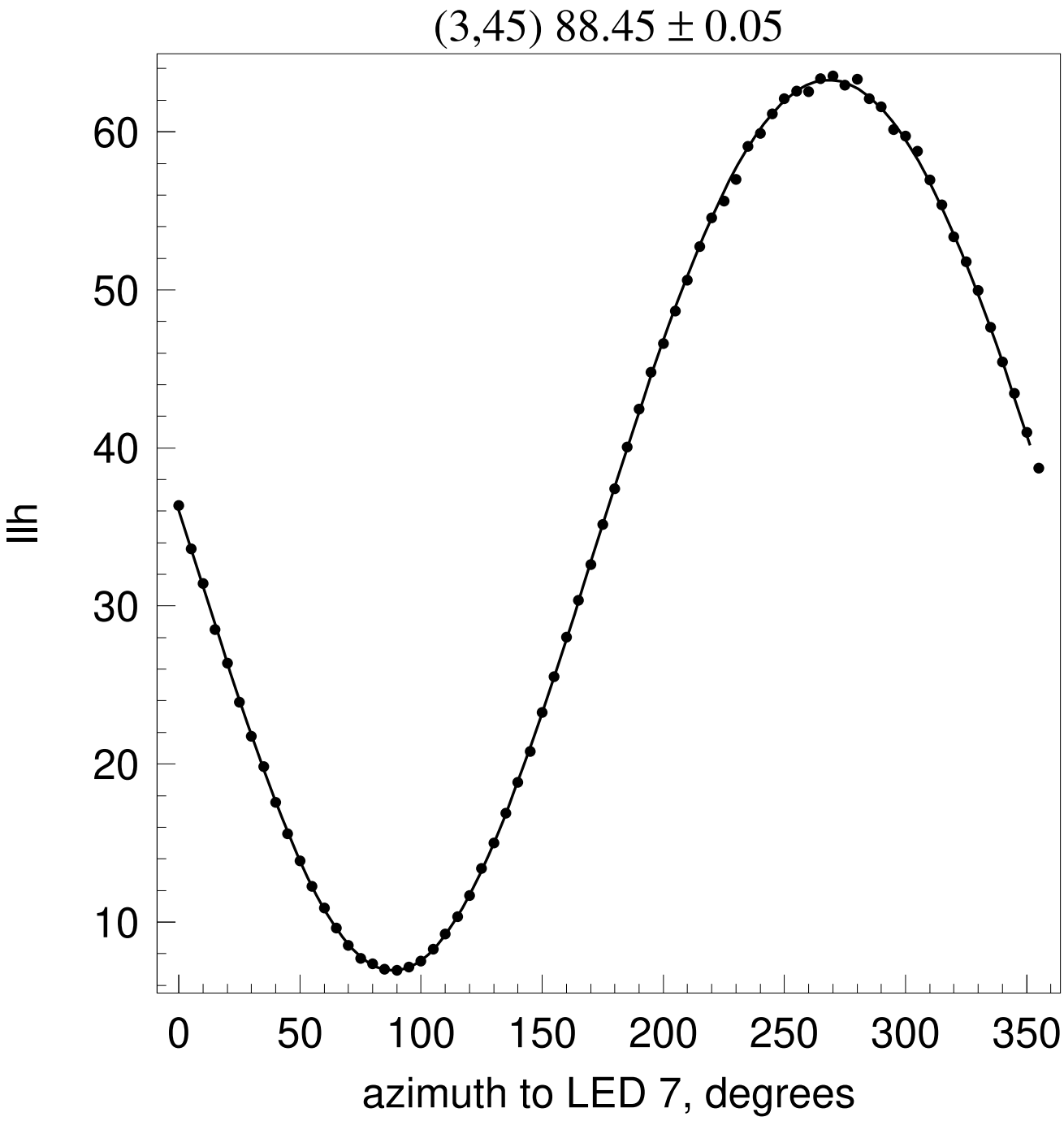

(3,40) 345.09 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

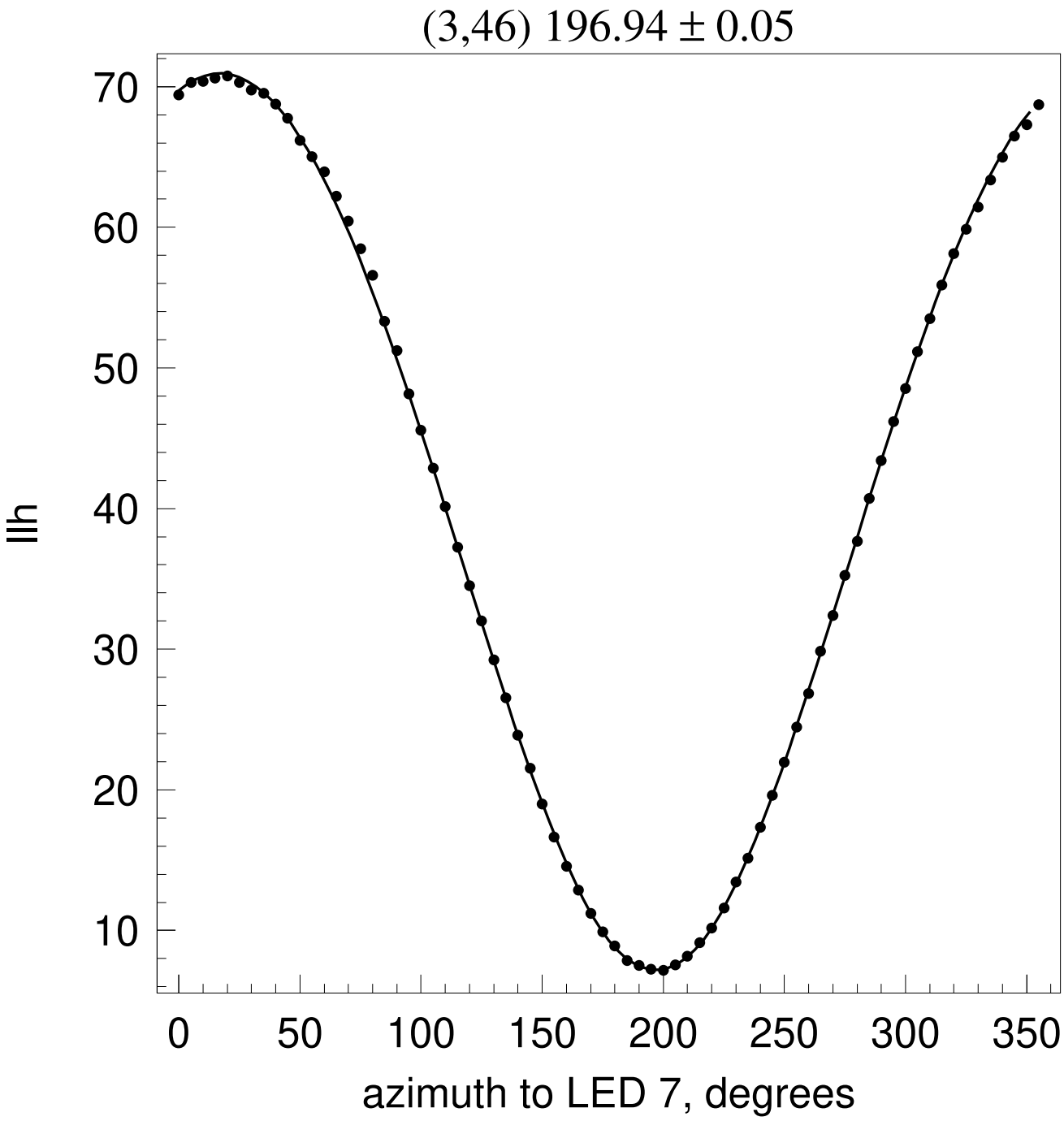

(3,41) 177.14 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

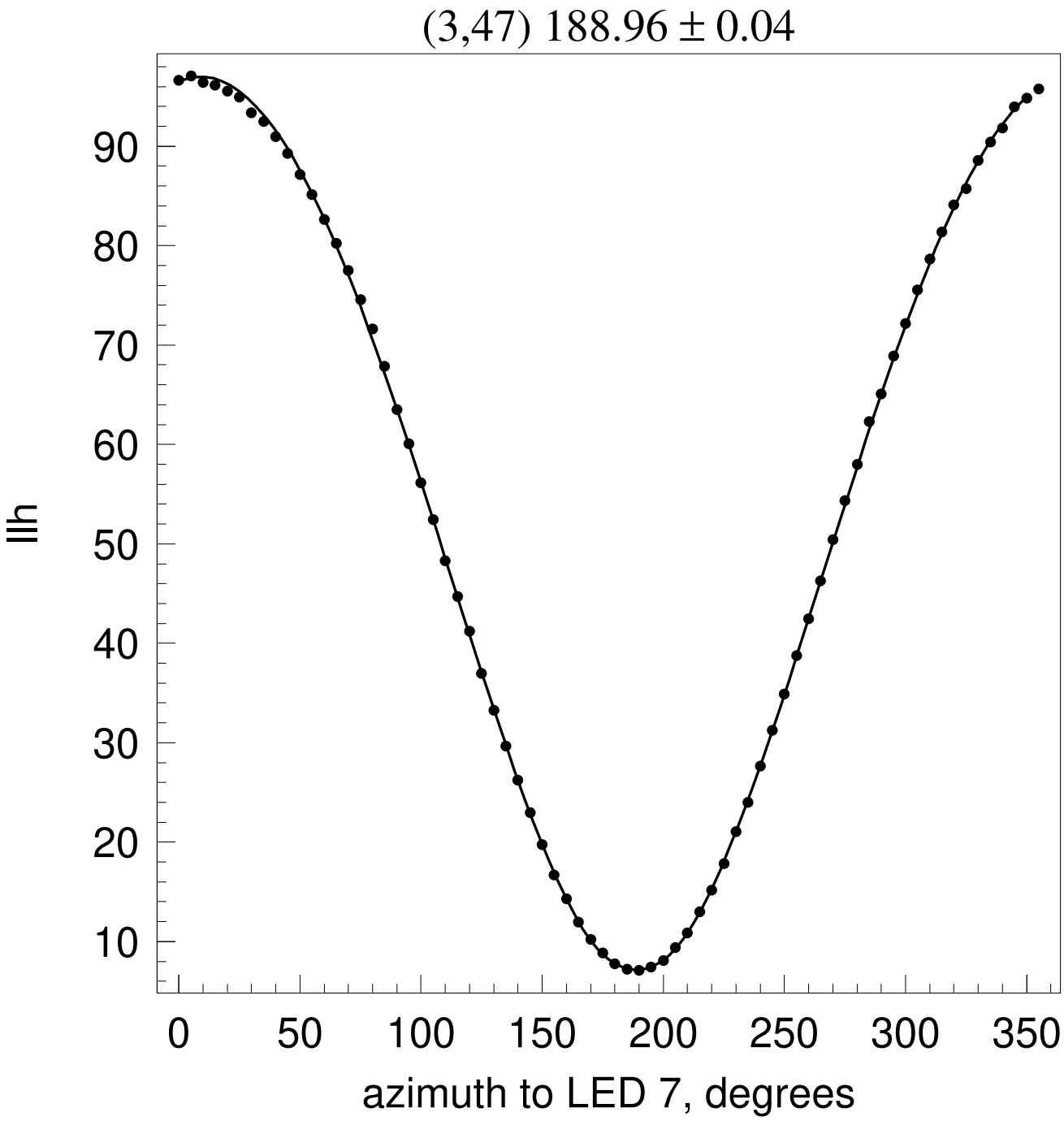

(3,42) 226.03 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

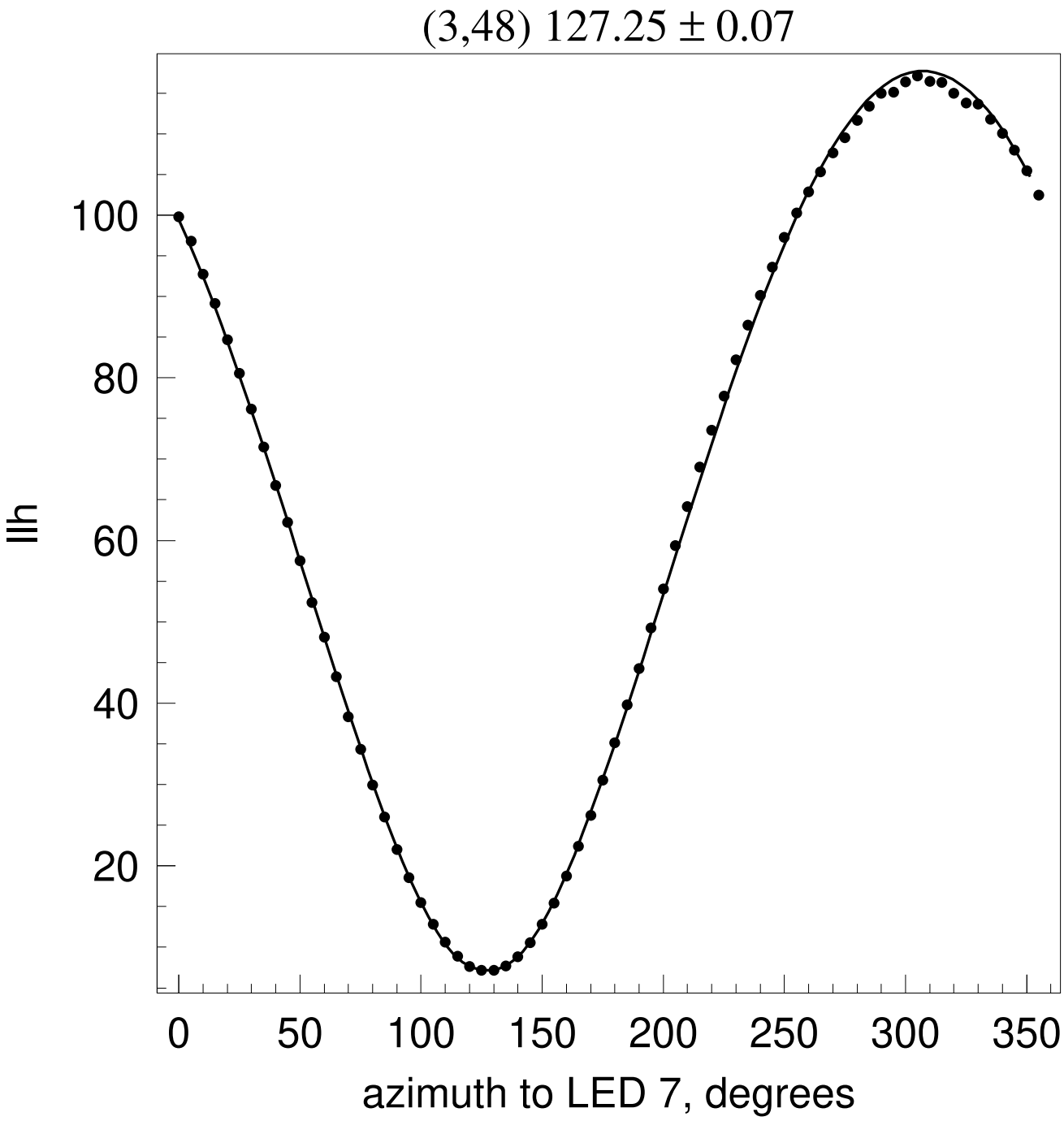

(3,43) 116.55 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

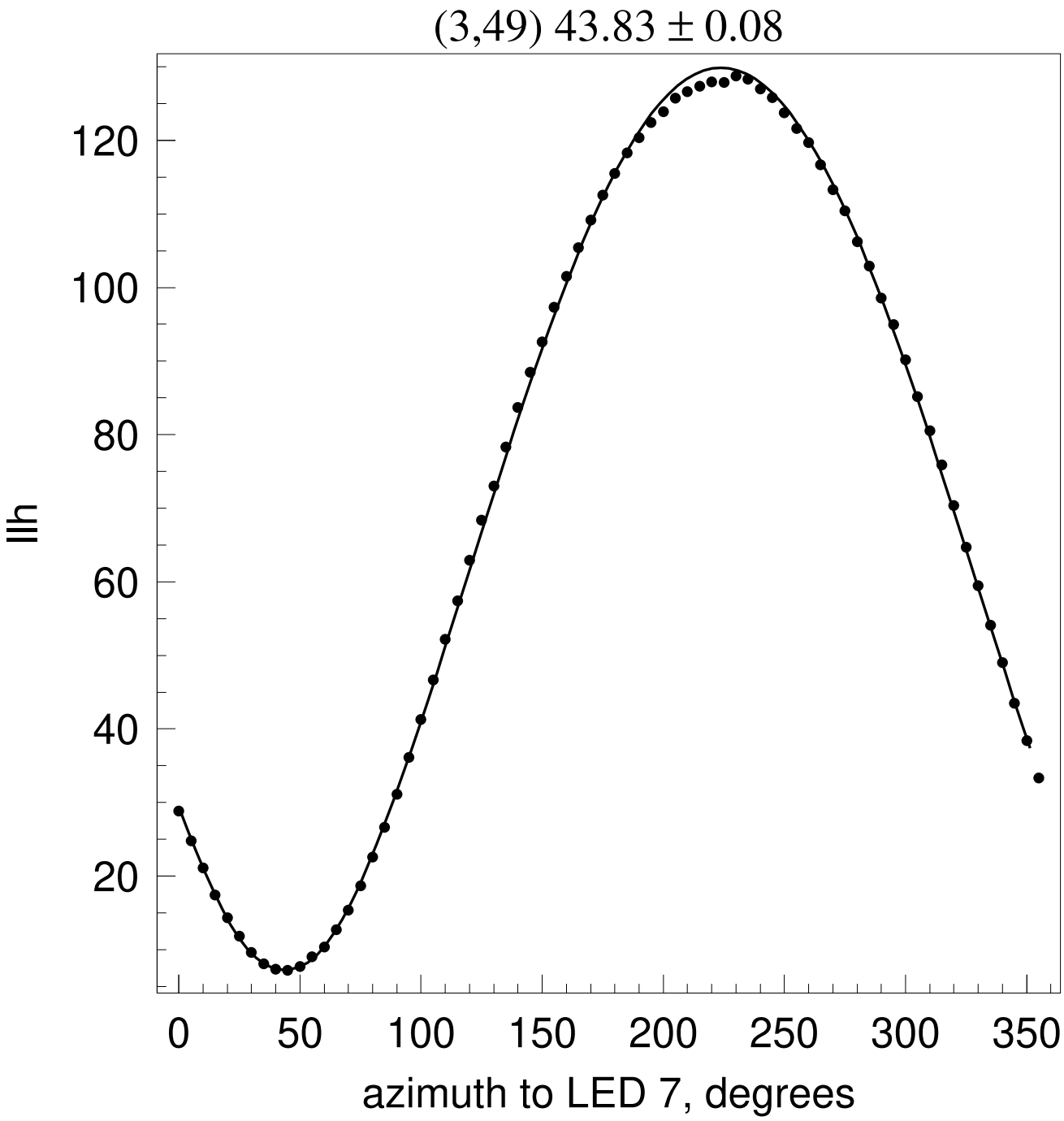

(3,44) 109.75 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

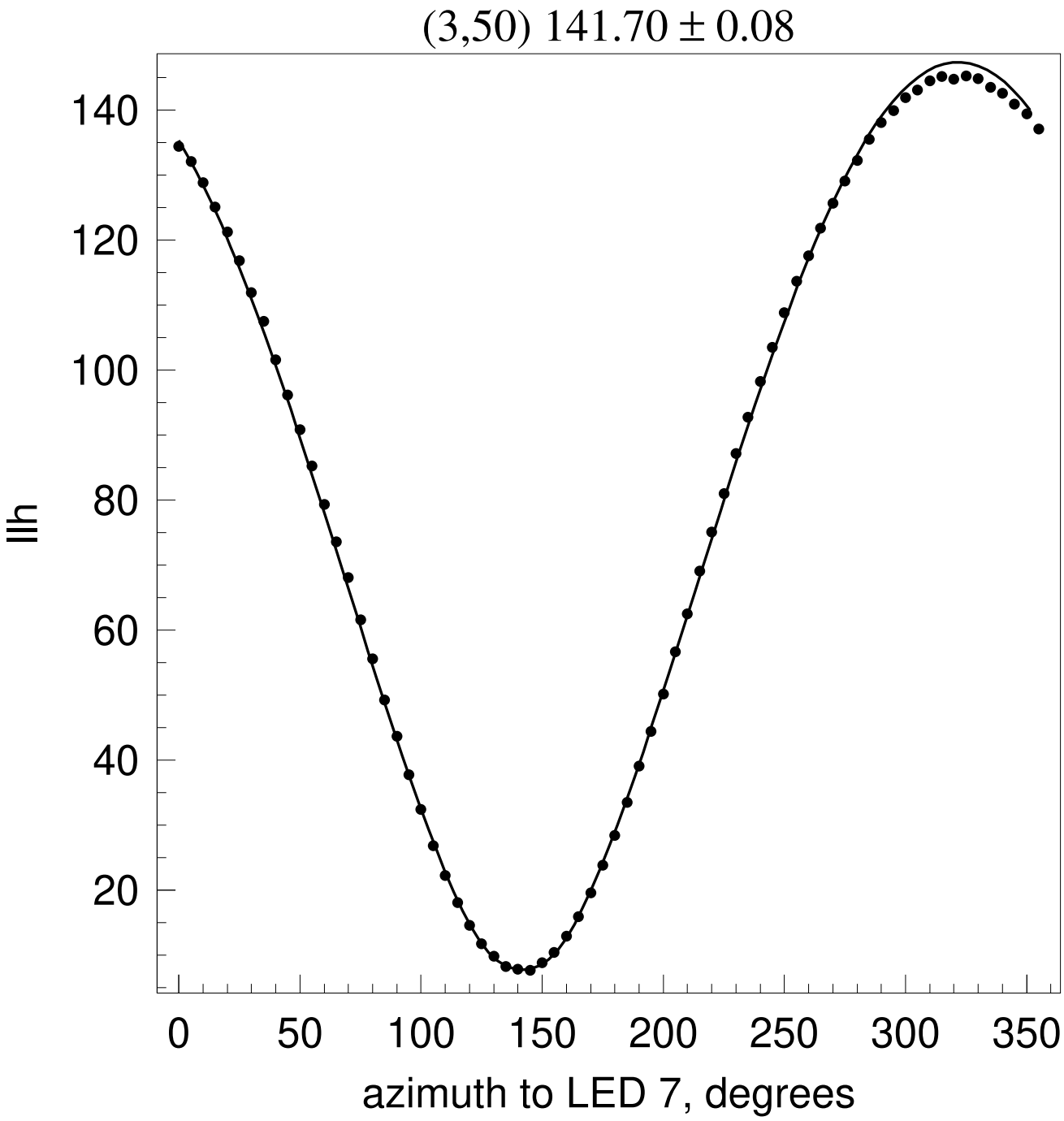

(3,45) 88.45 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

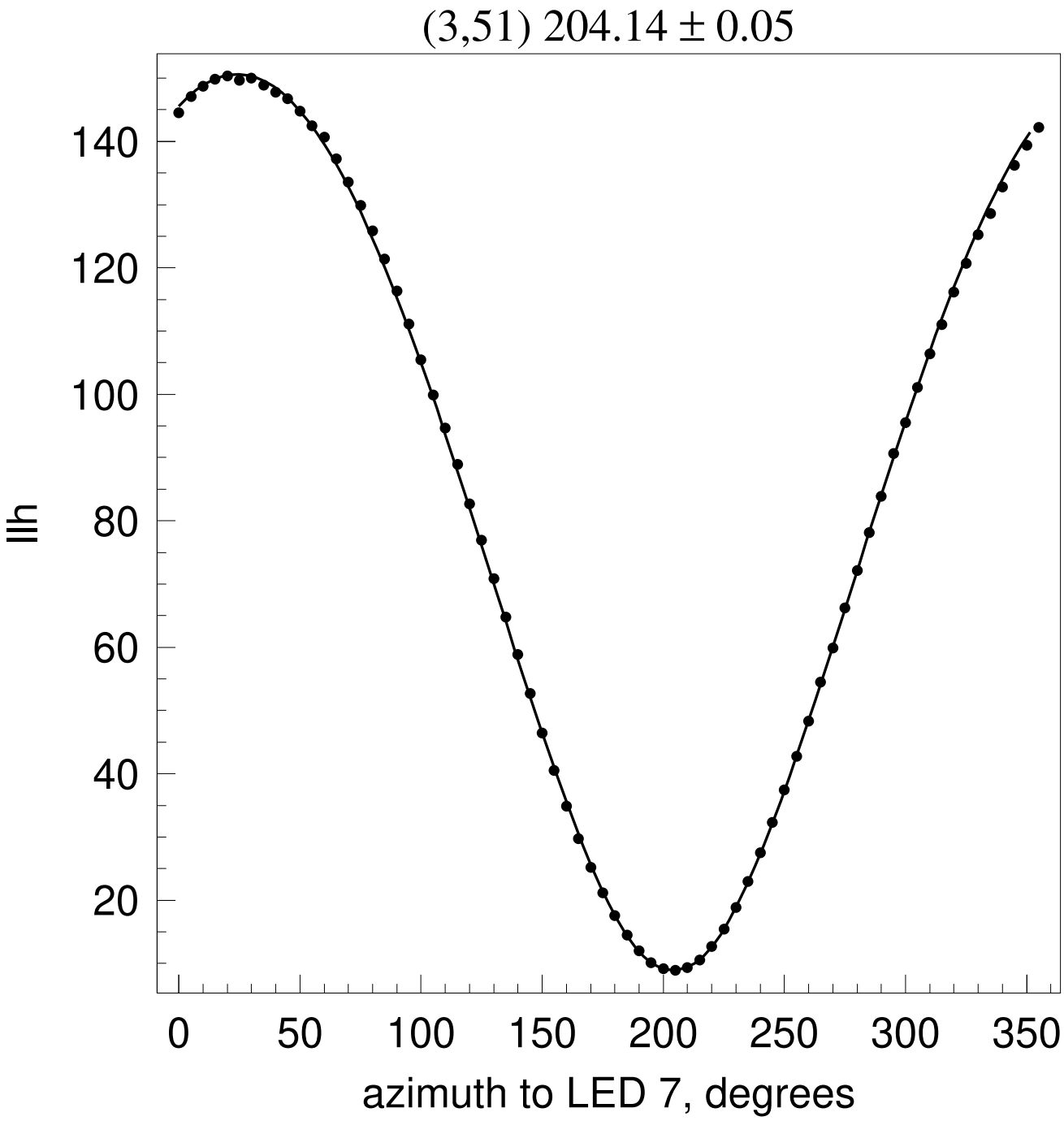

(3,46) 196.94 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

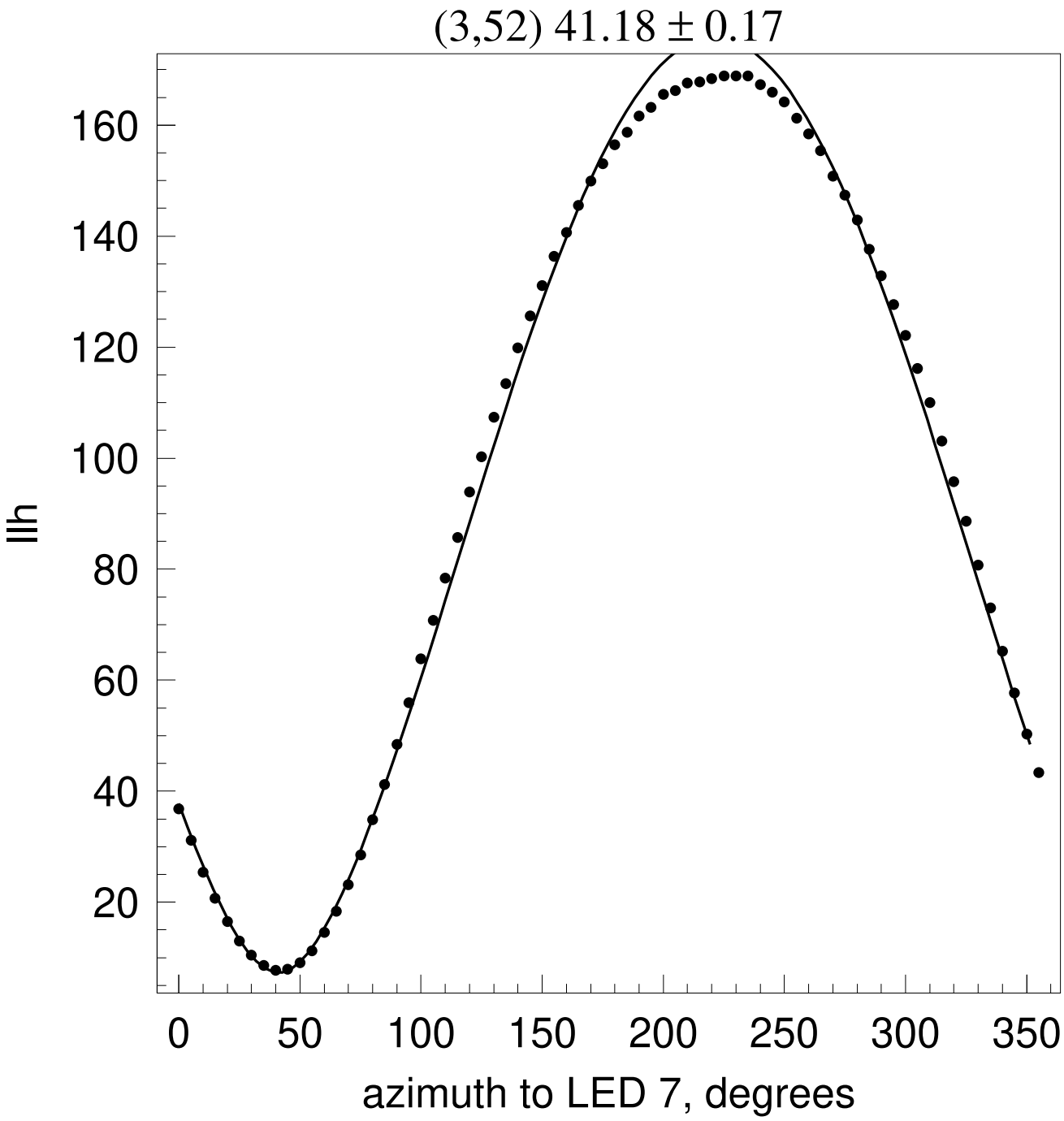

(3,47) 188.96 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

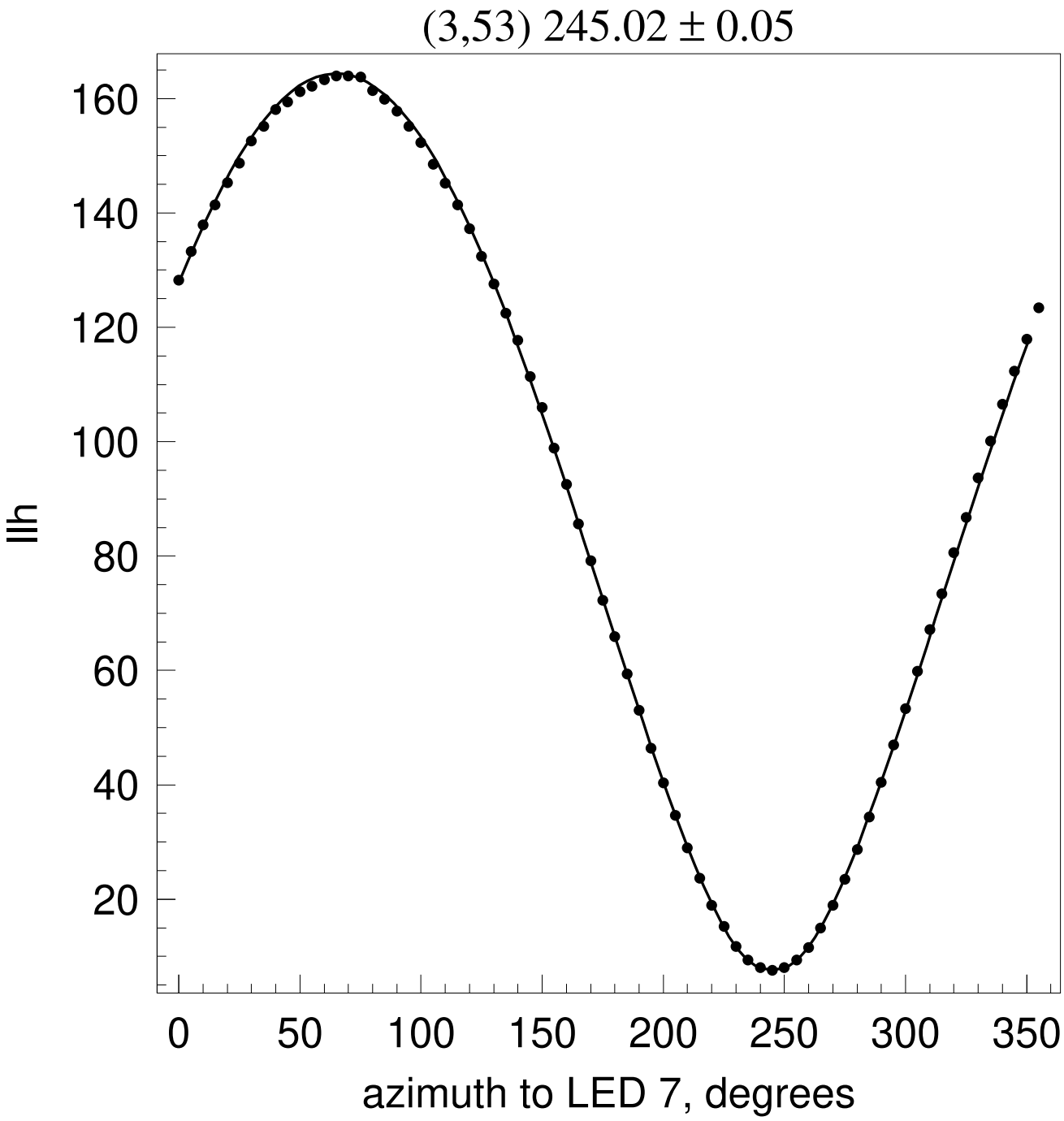

(3,48) 127.25 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

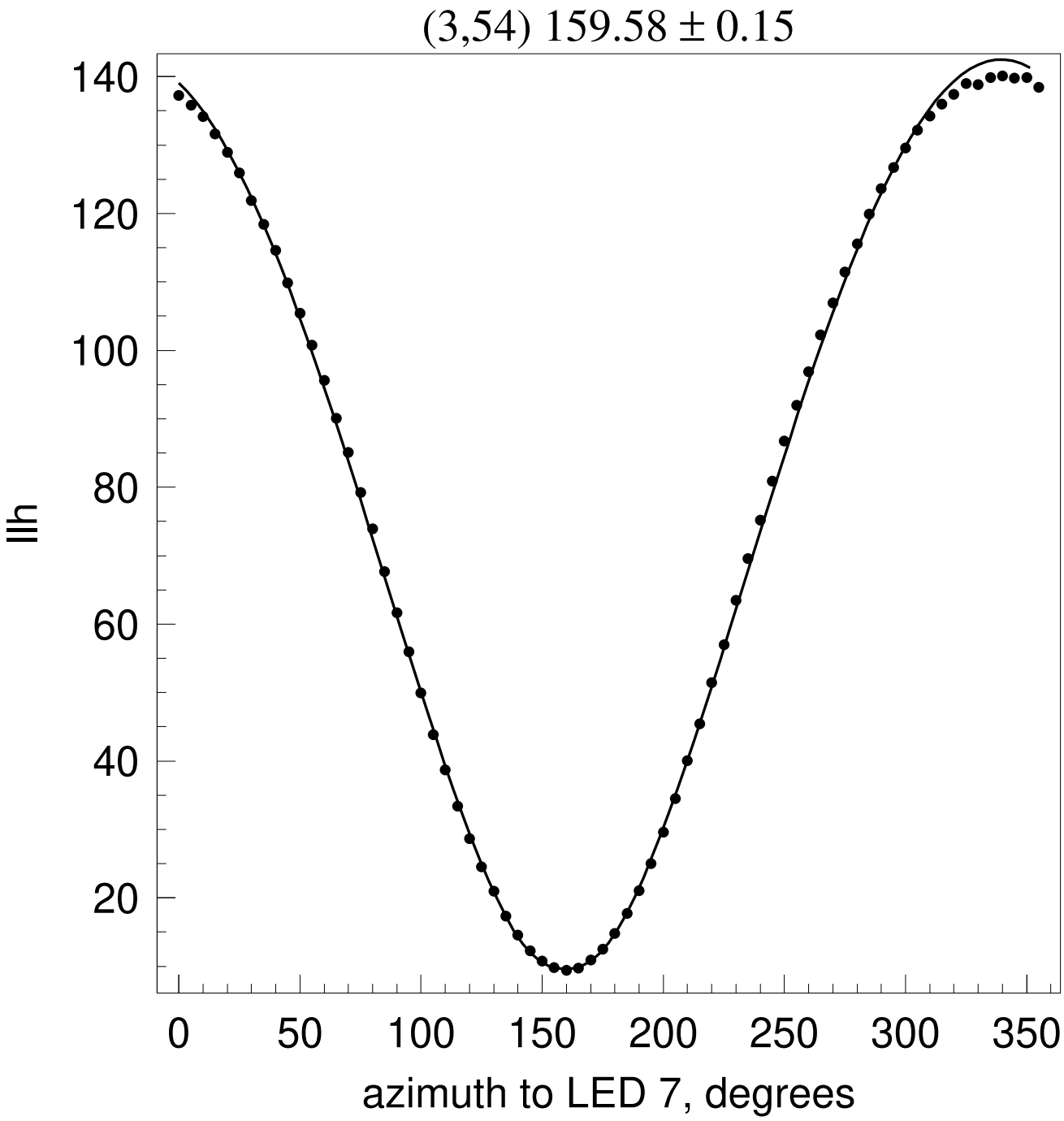

(3,49) 43.83 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

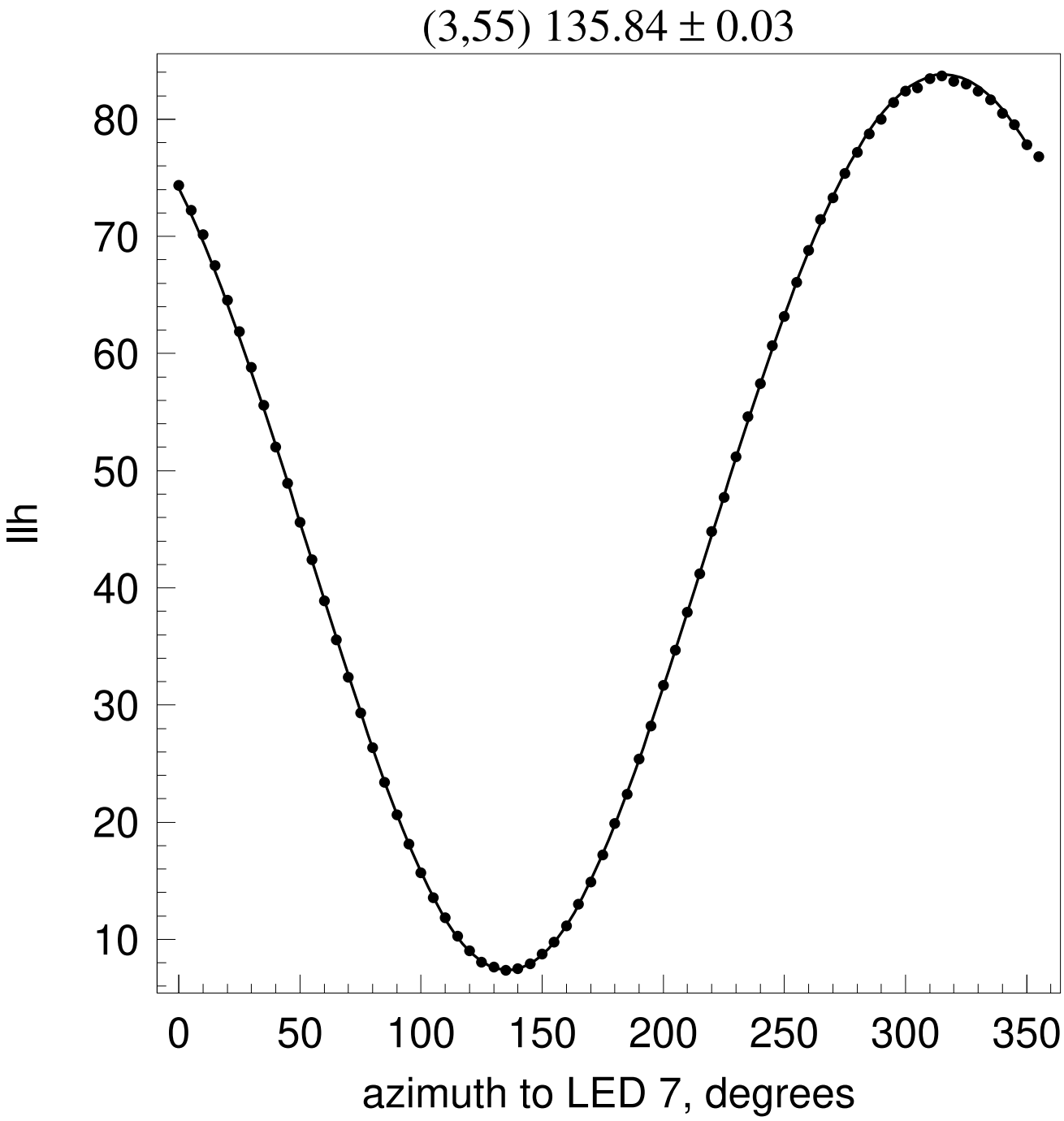

(3,50) 141.70 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

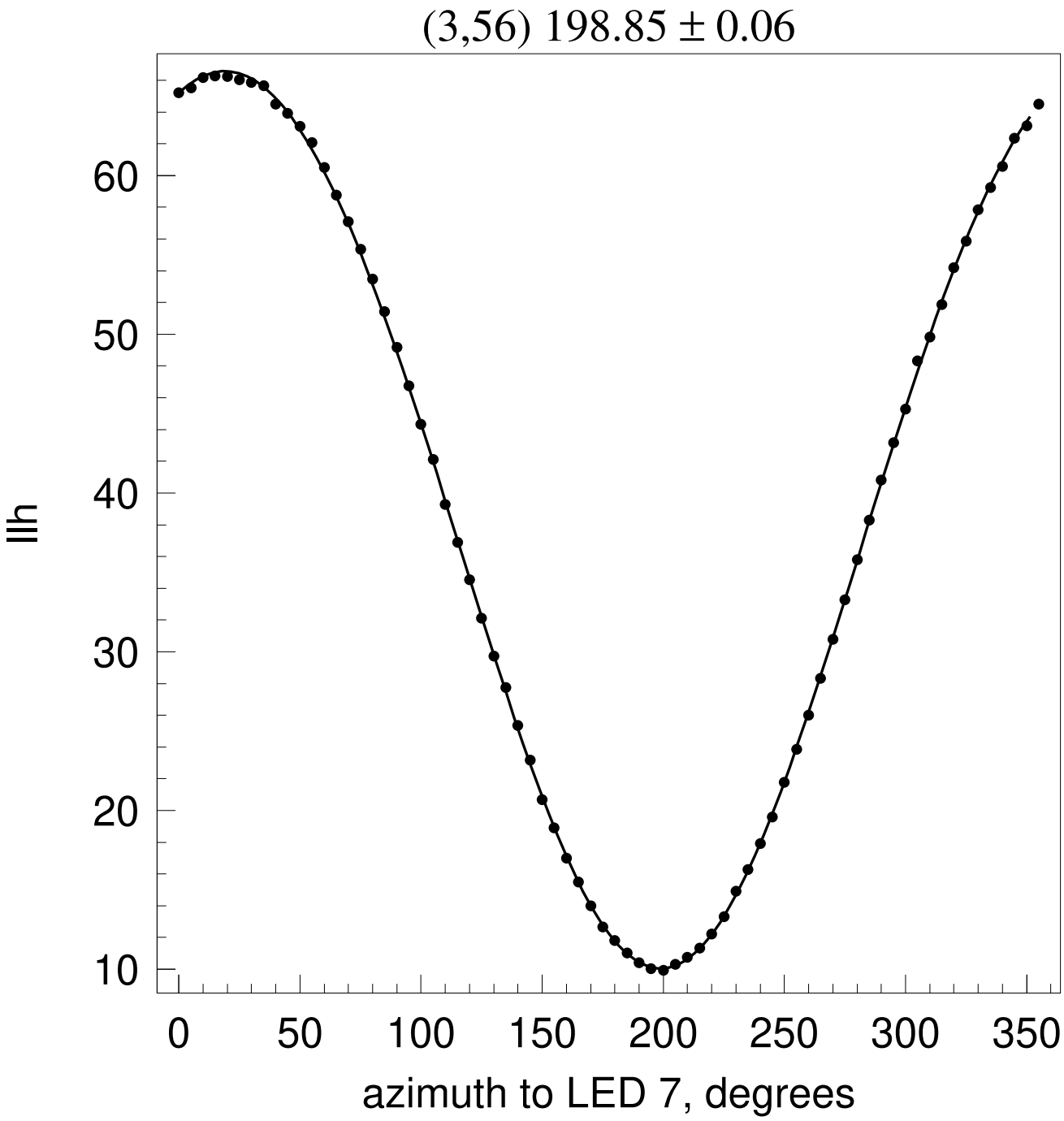

(3,51) 204.14 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

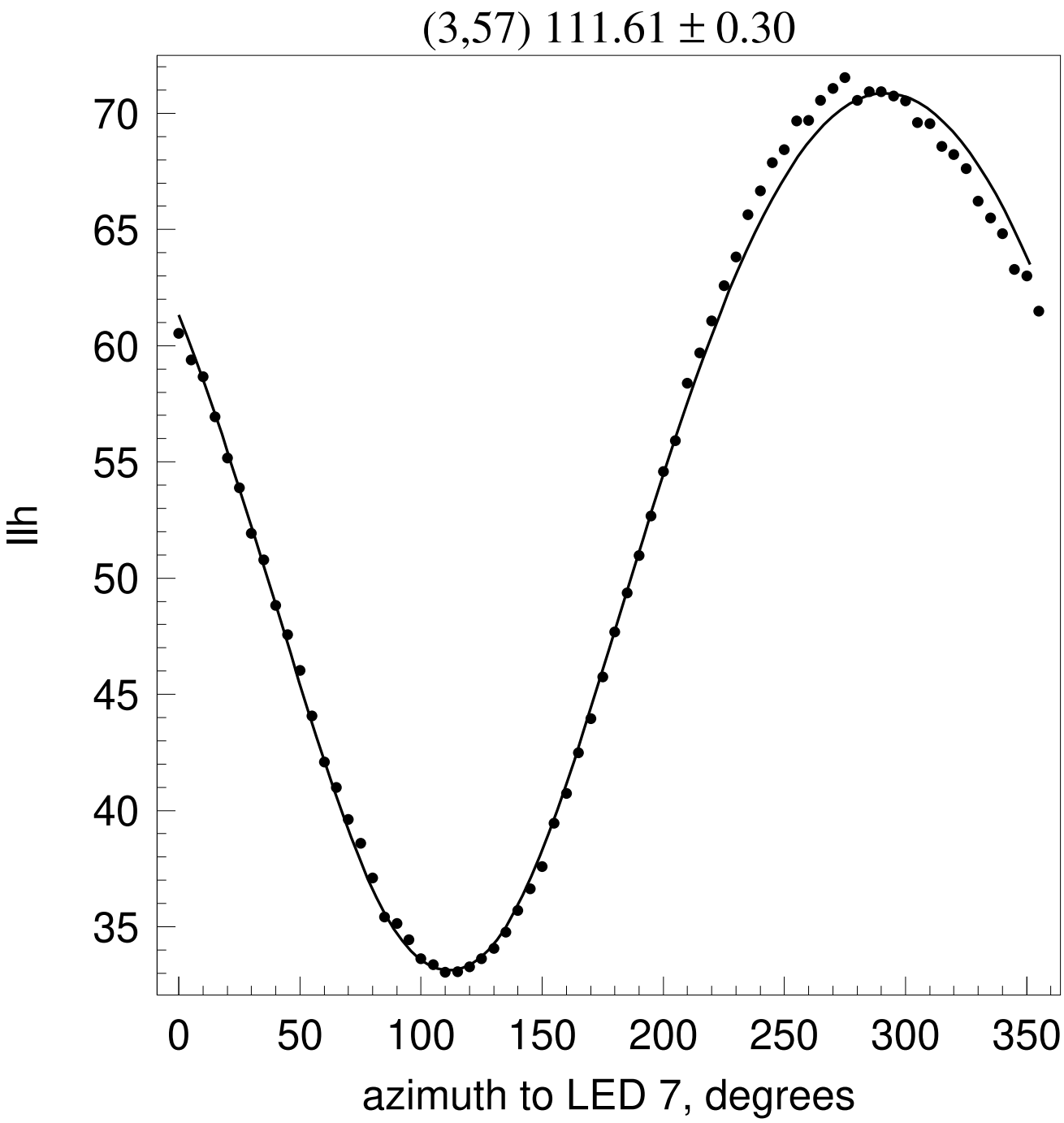

(3,52) 41.18 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

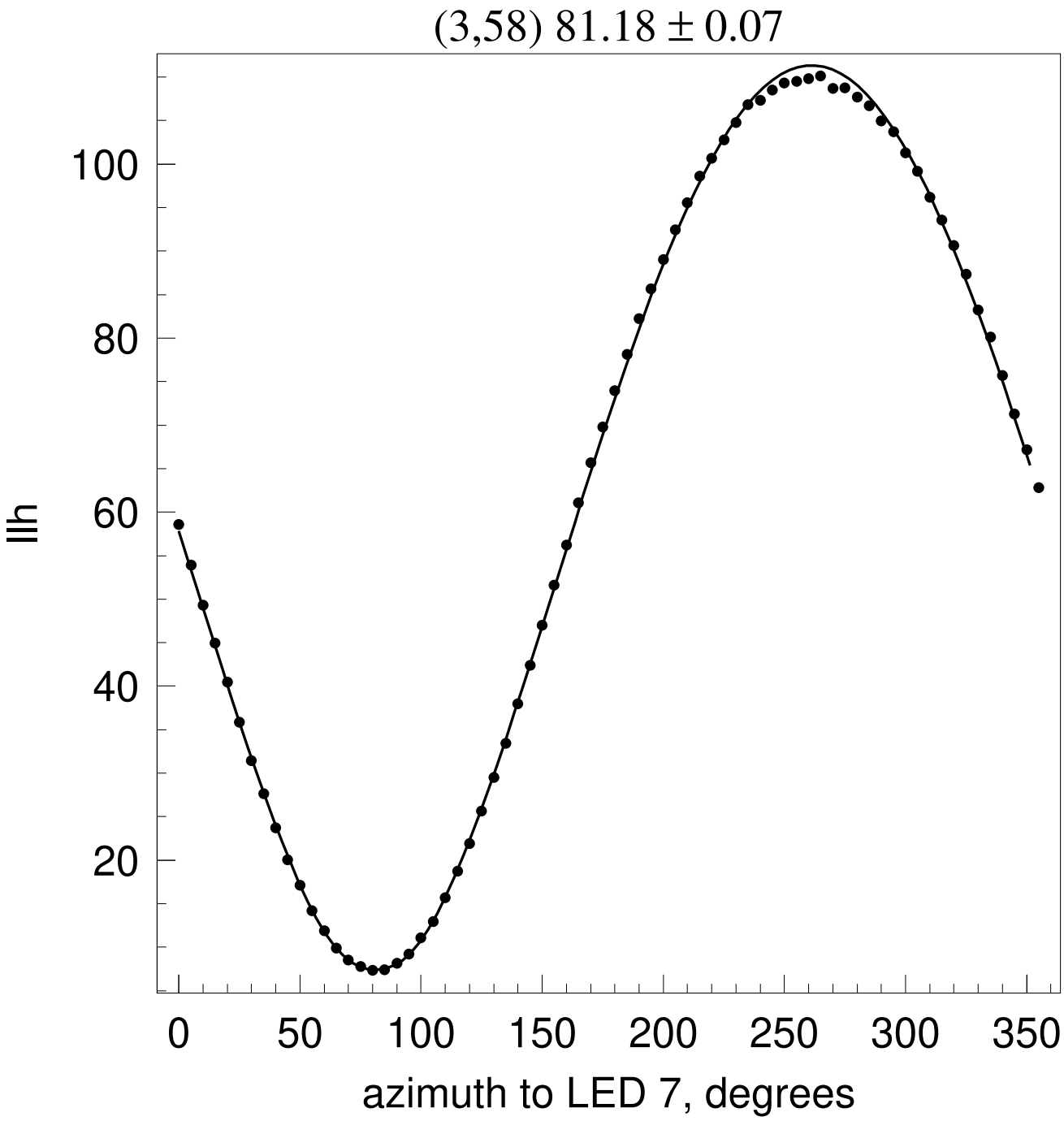

(3,53) 245.02 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

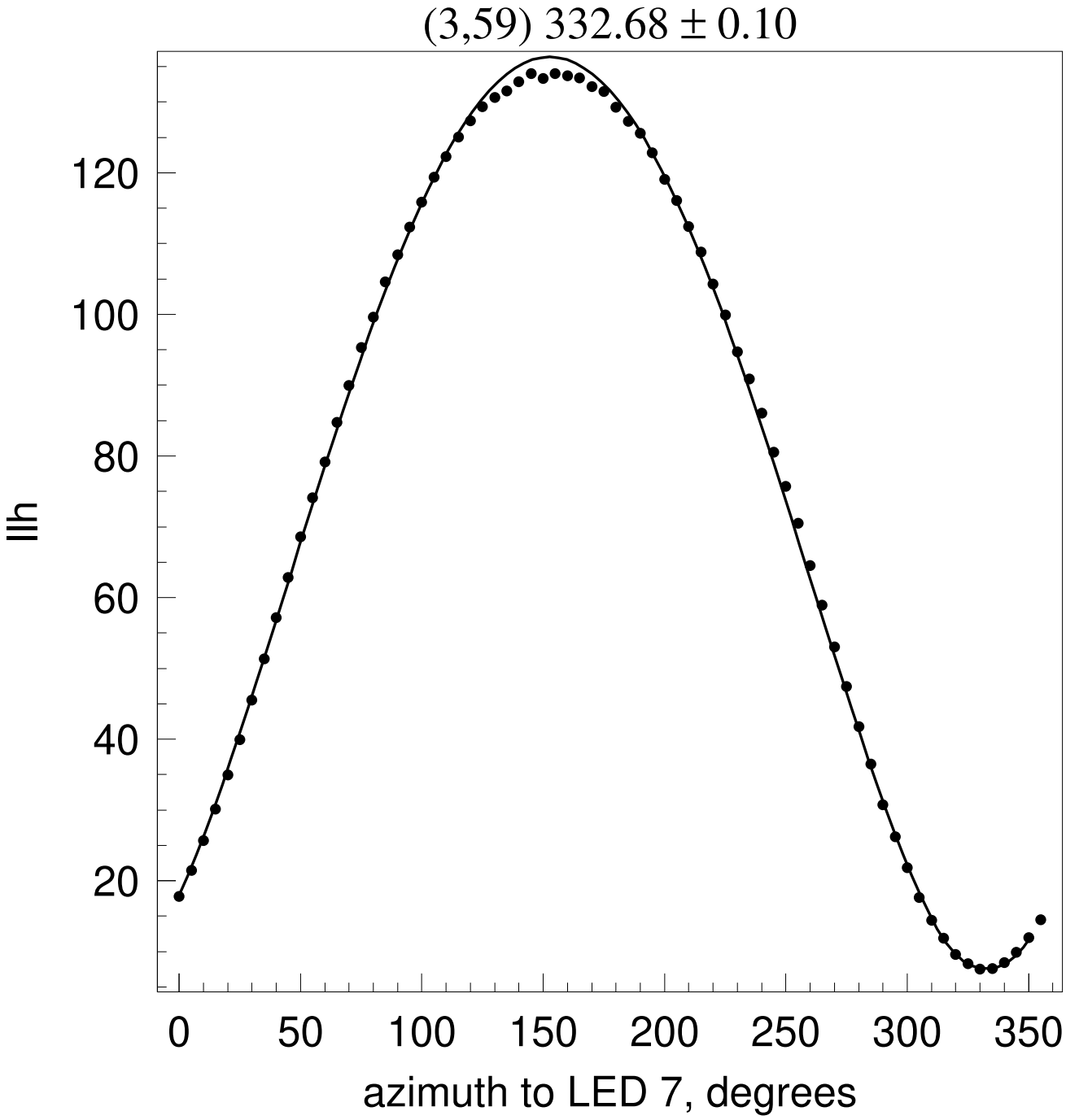

(3,54) 159.58 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

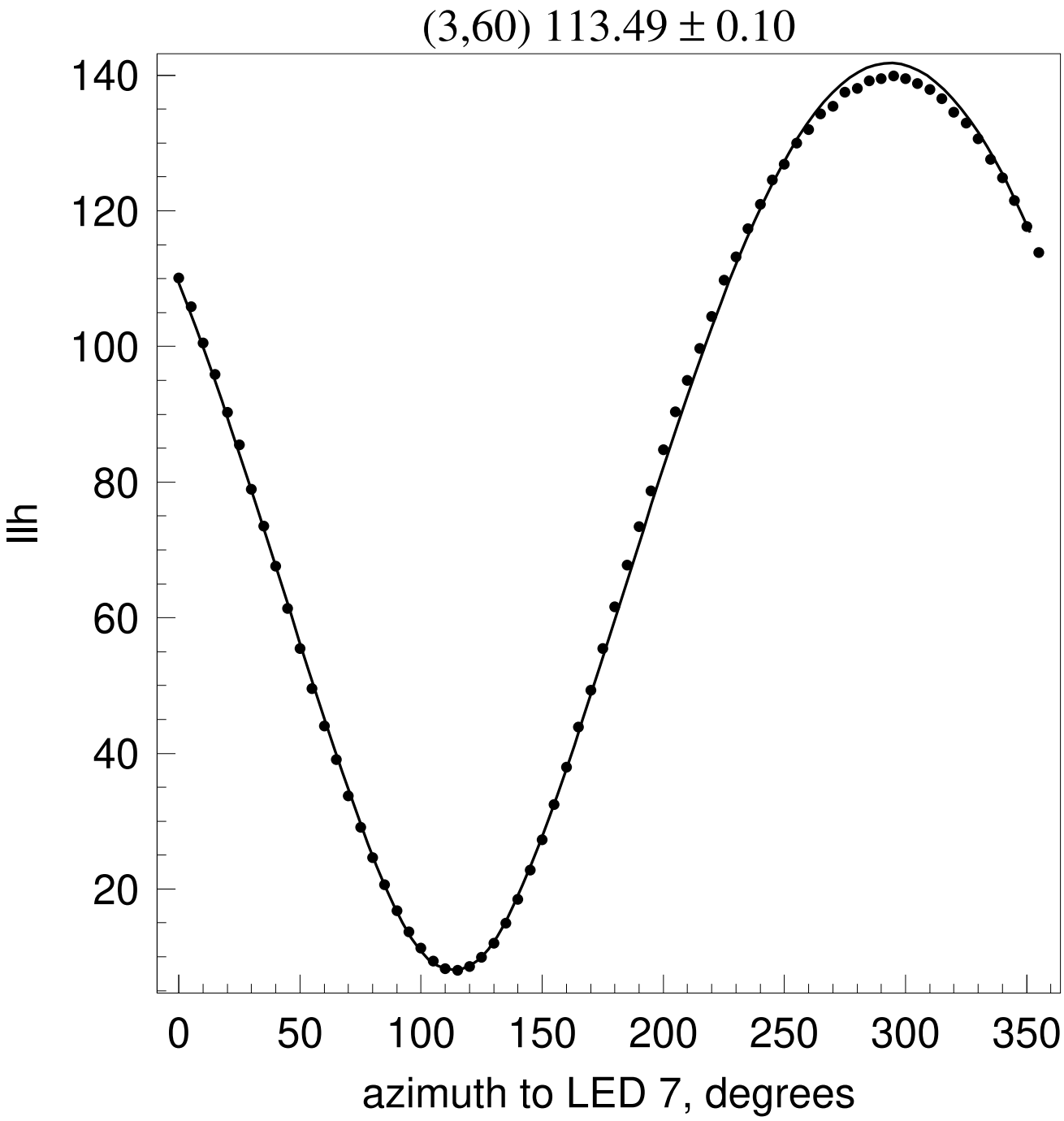

(3,55) 135.84 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

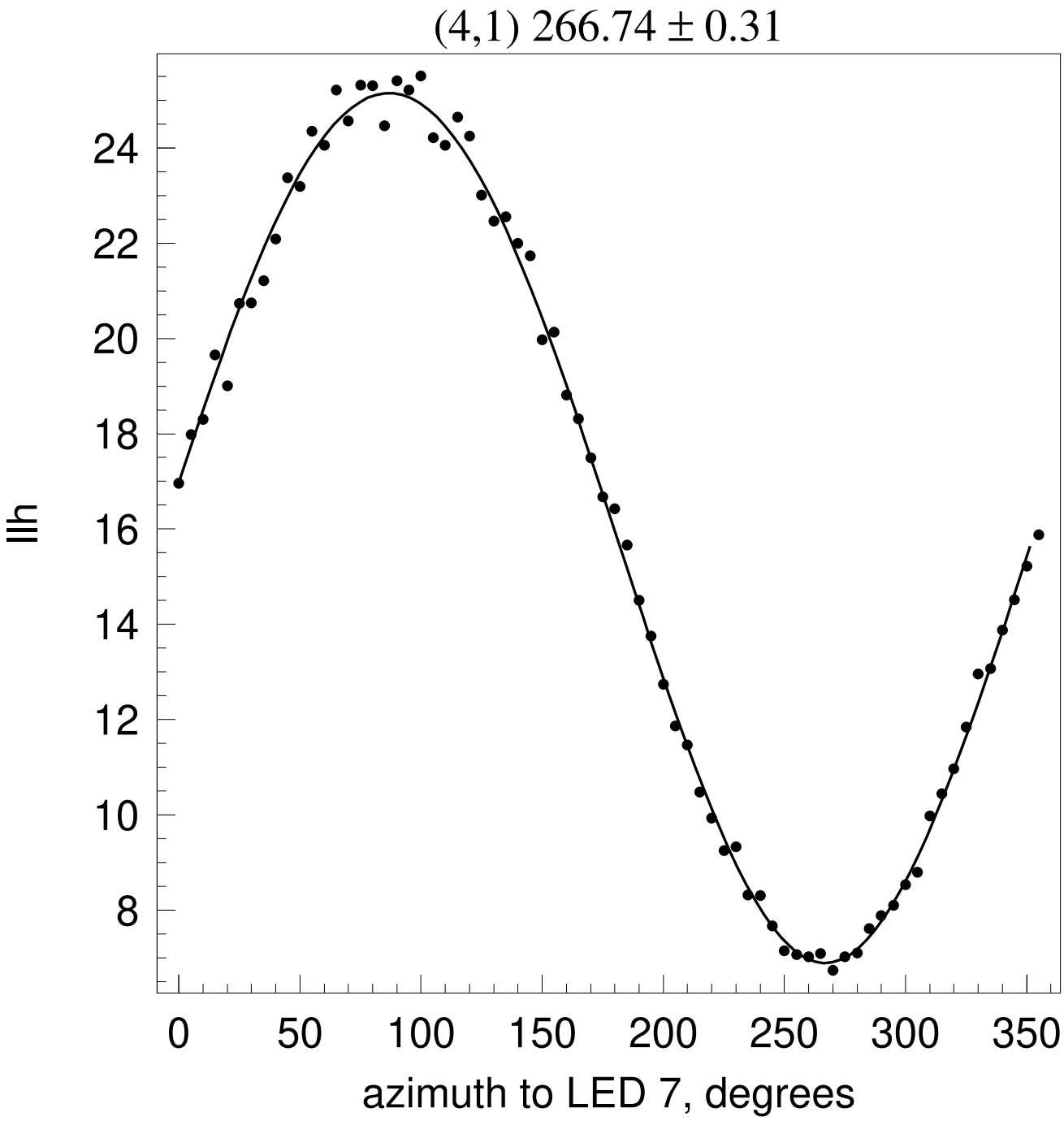

(3,56) 198.85 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

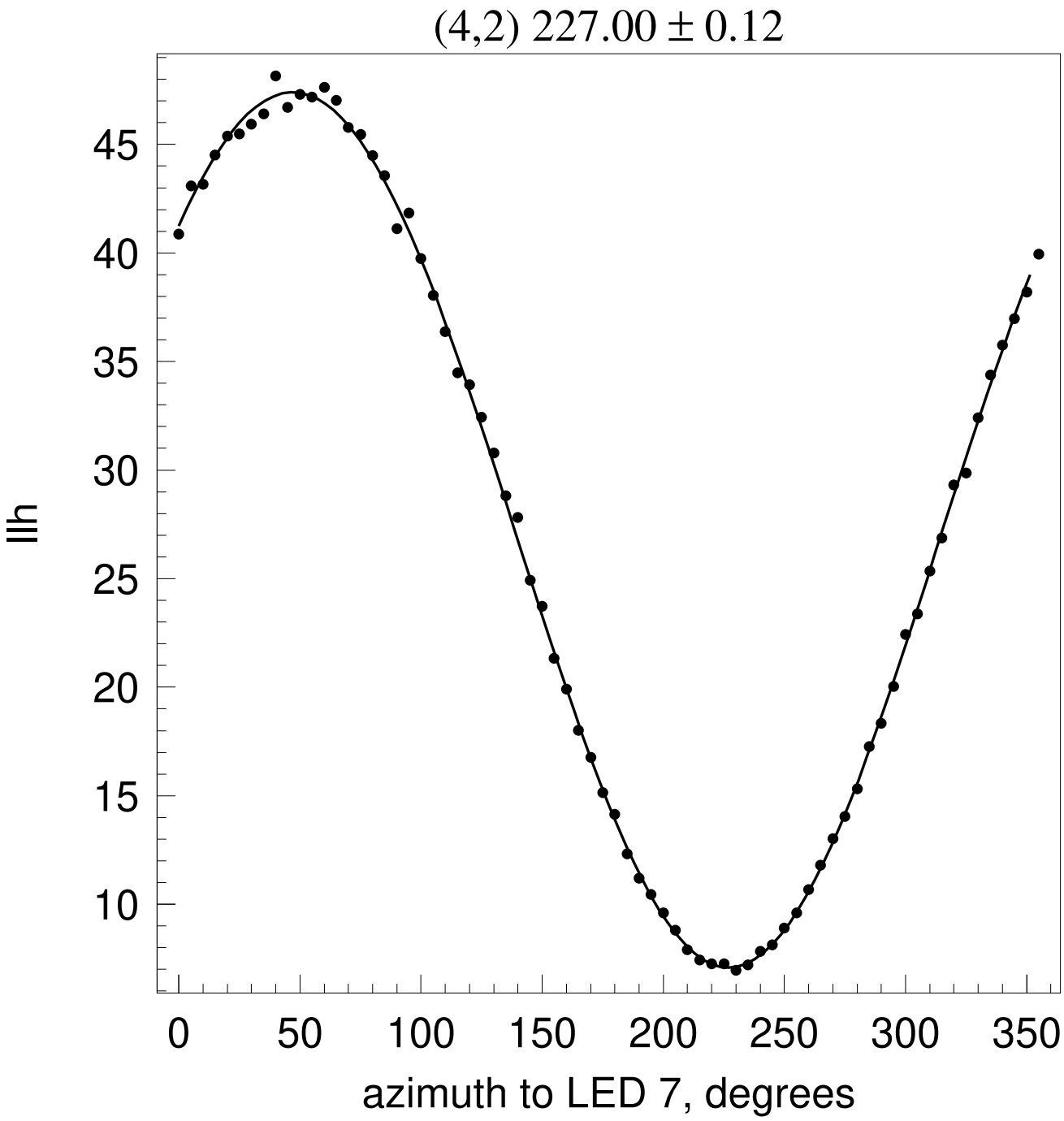

(3,57) 111.61 ± 0.30
70
65
60
55
50
45
40
35
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

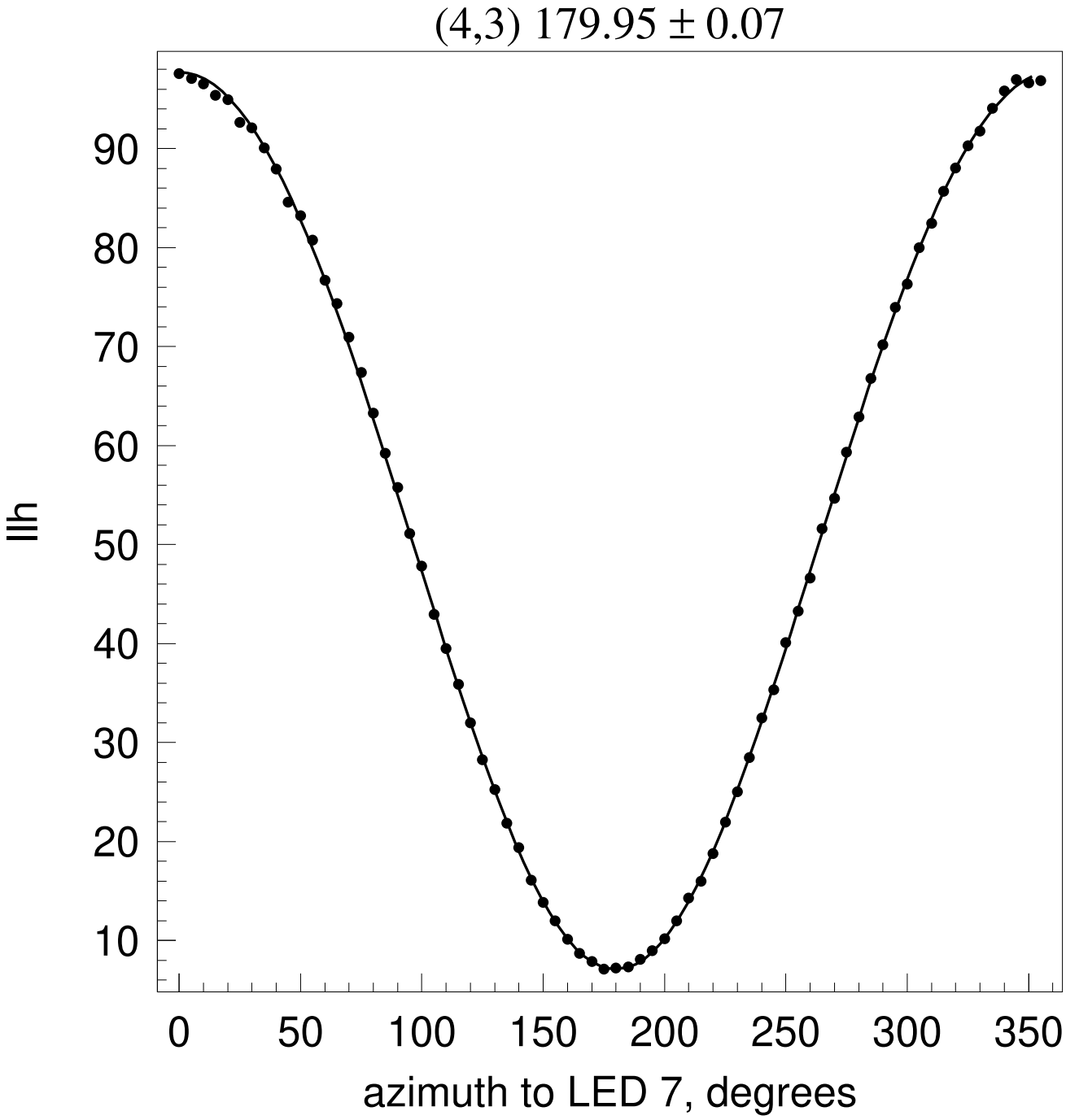

(3,58) 81.18 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

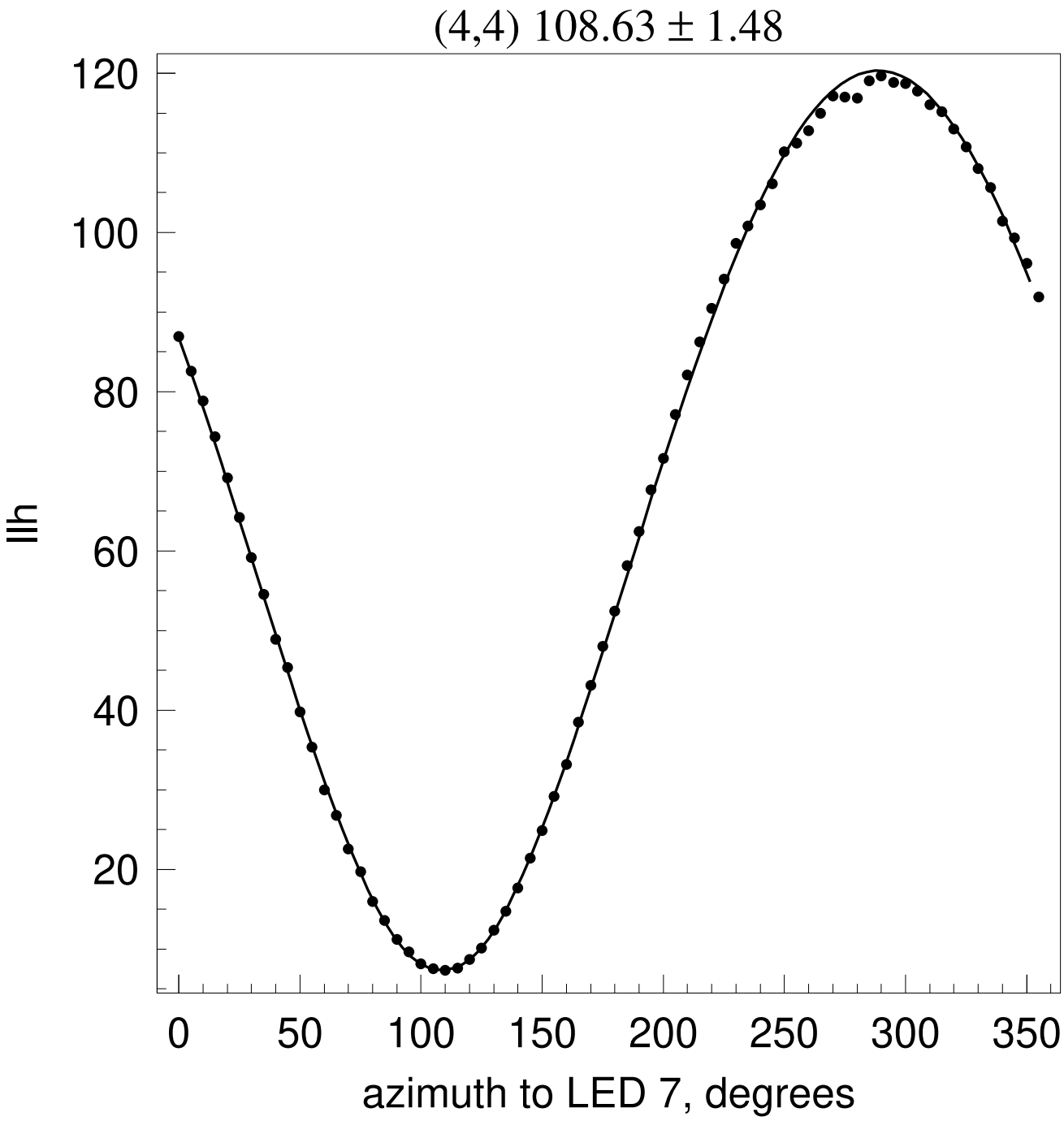

(3,59) 332.68 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

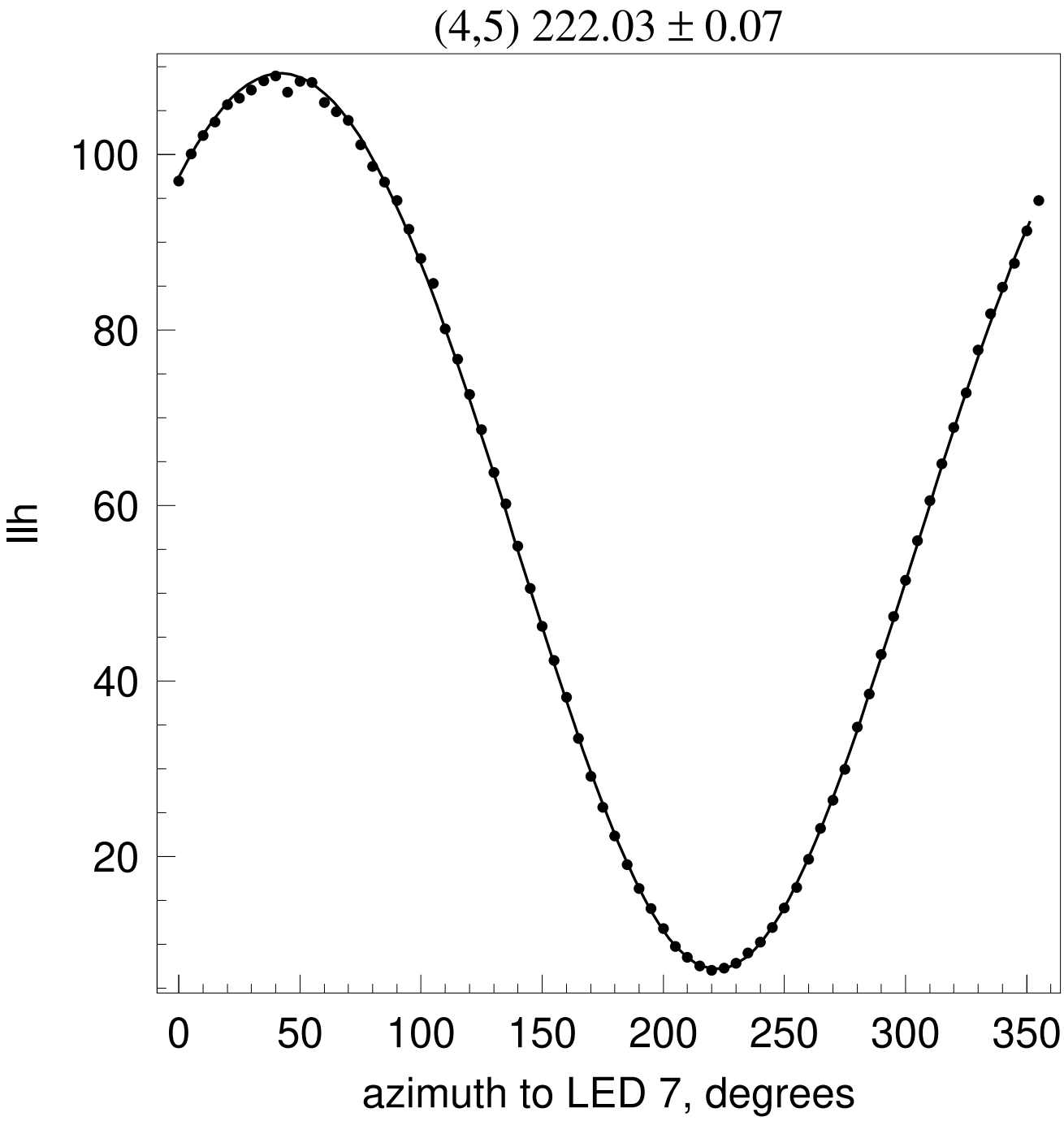

(3,60) 113.49 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

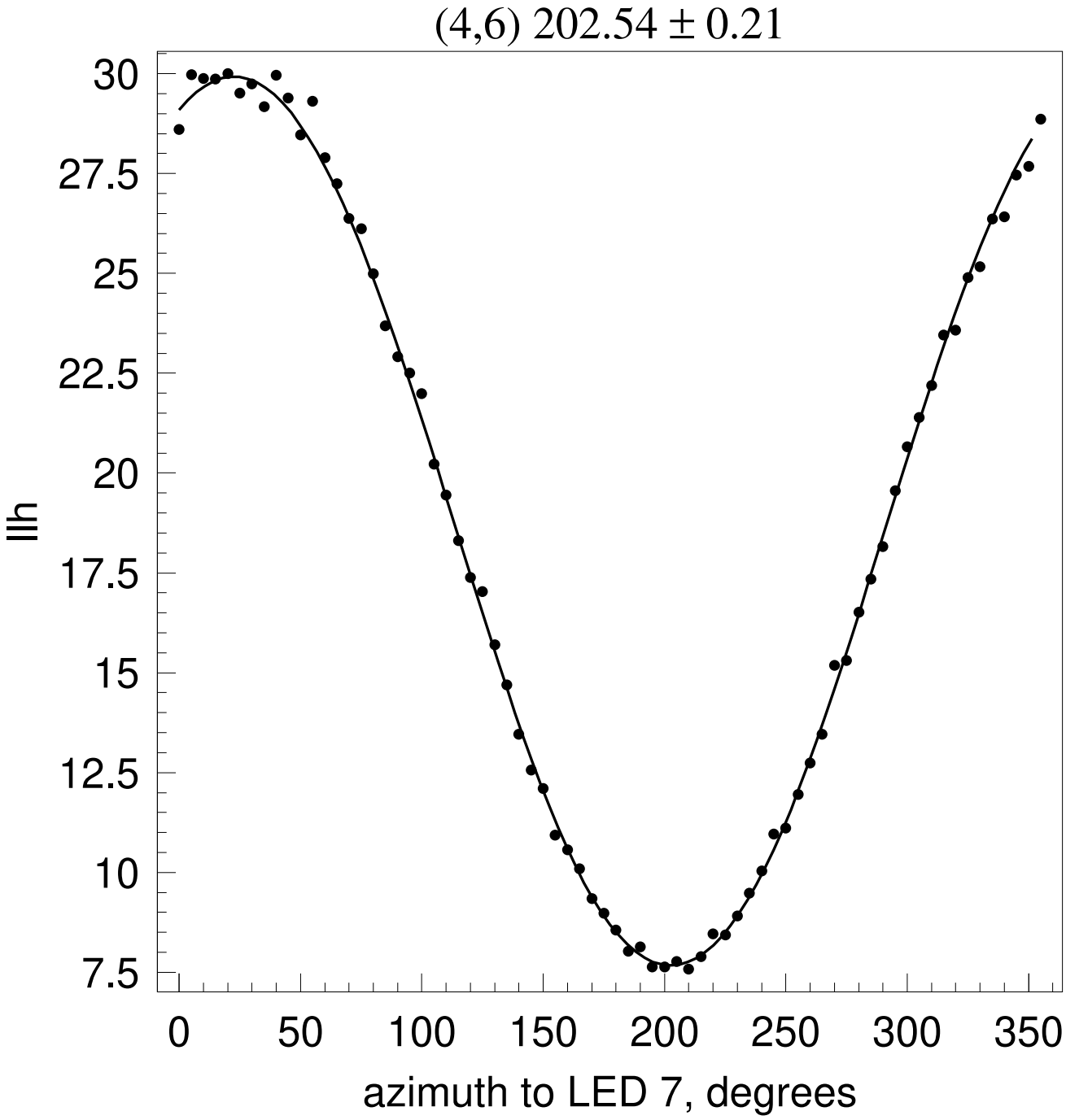

(4,1) 266.74 ± 0.31
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

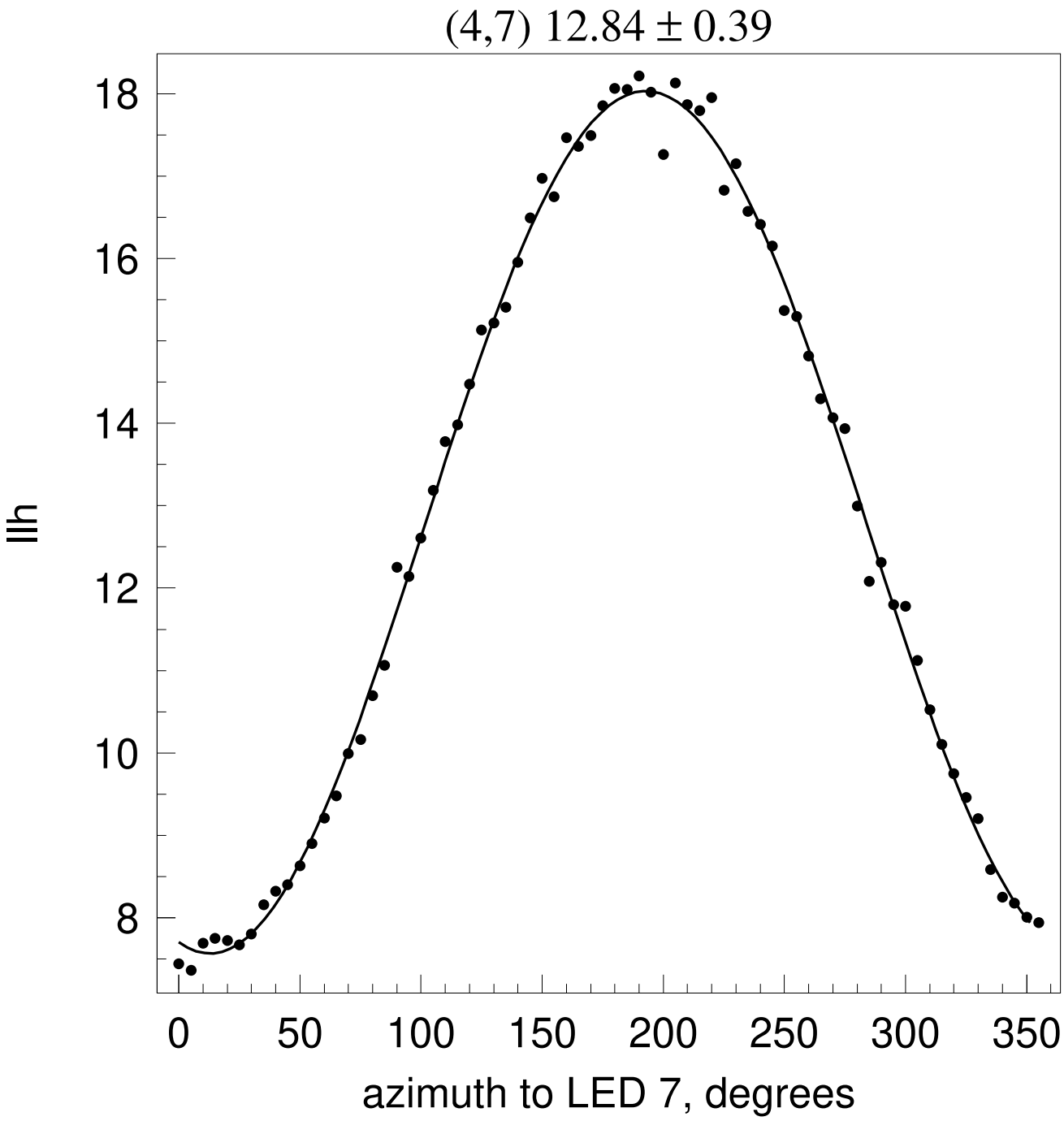

(4,2) 227.00 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

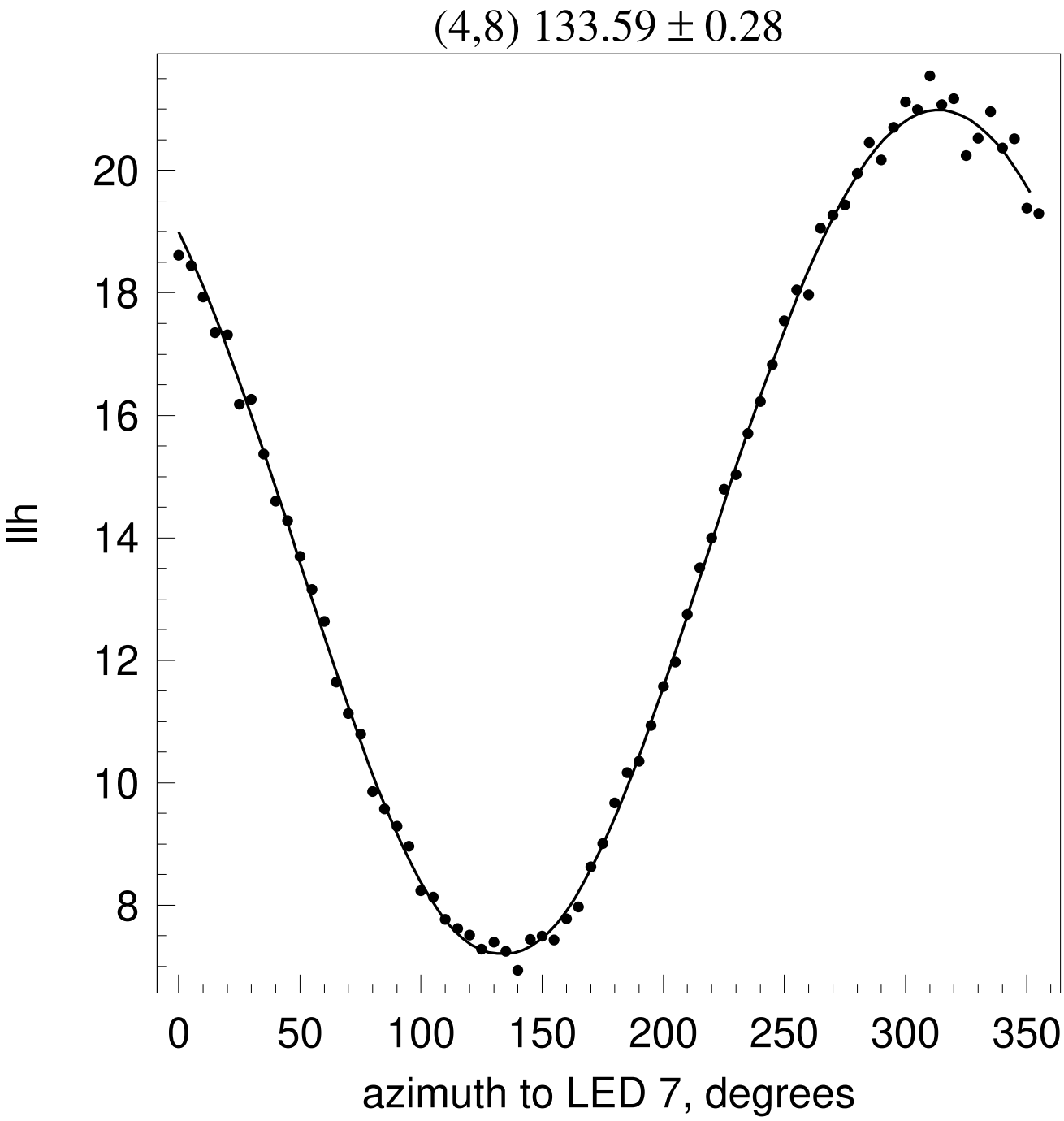

(4,3) 179.95 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

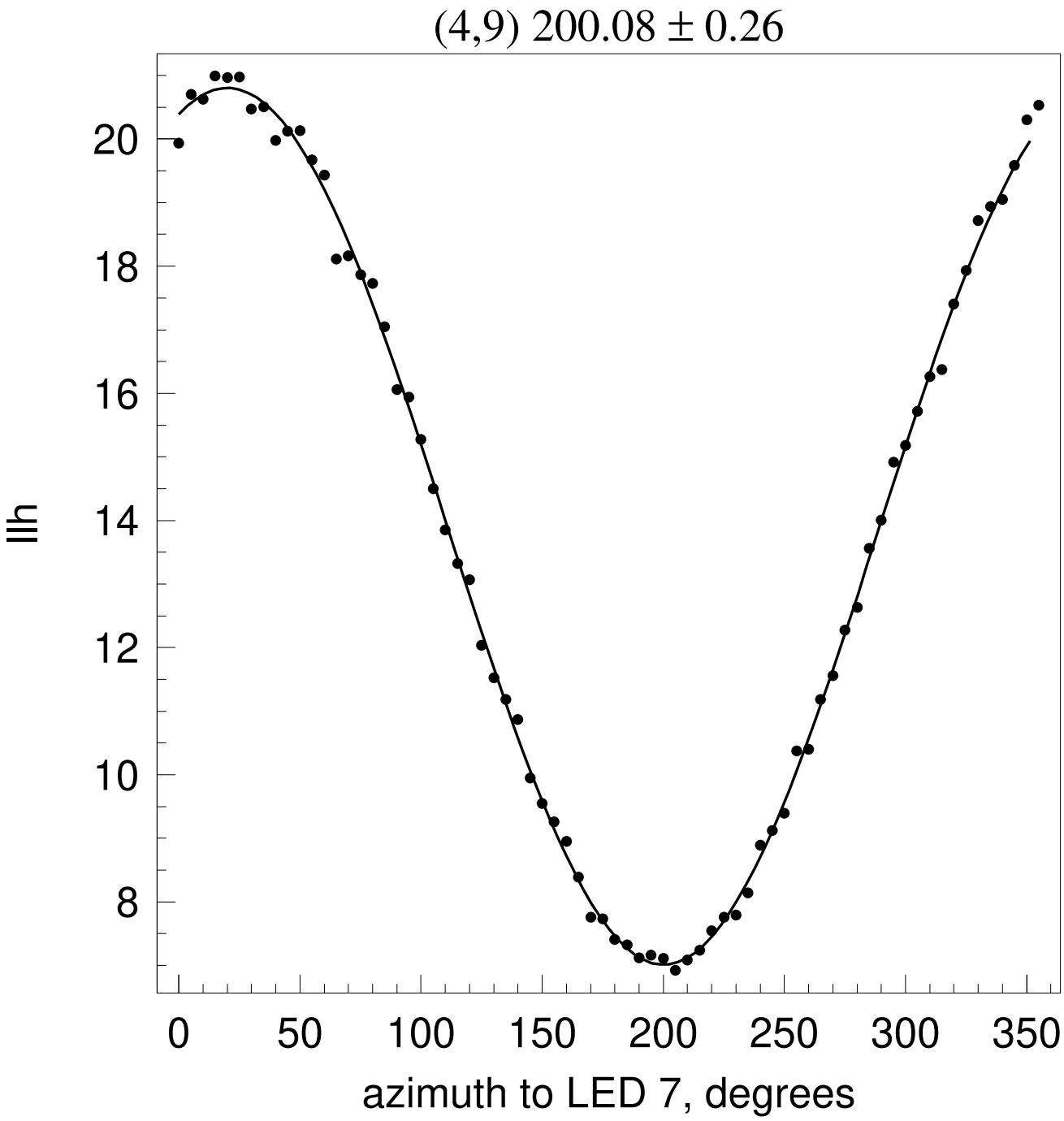

(4,4) 108.63 ± 1.48
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

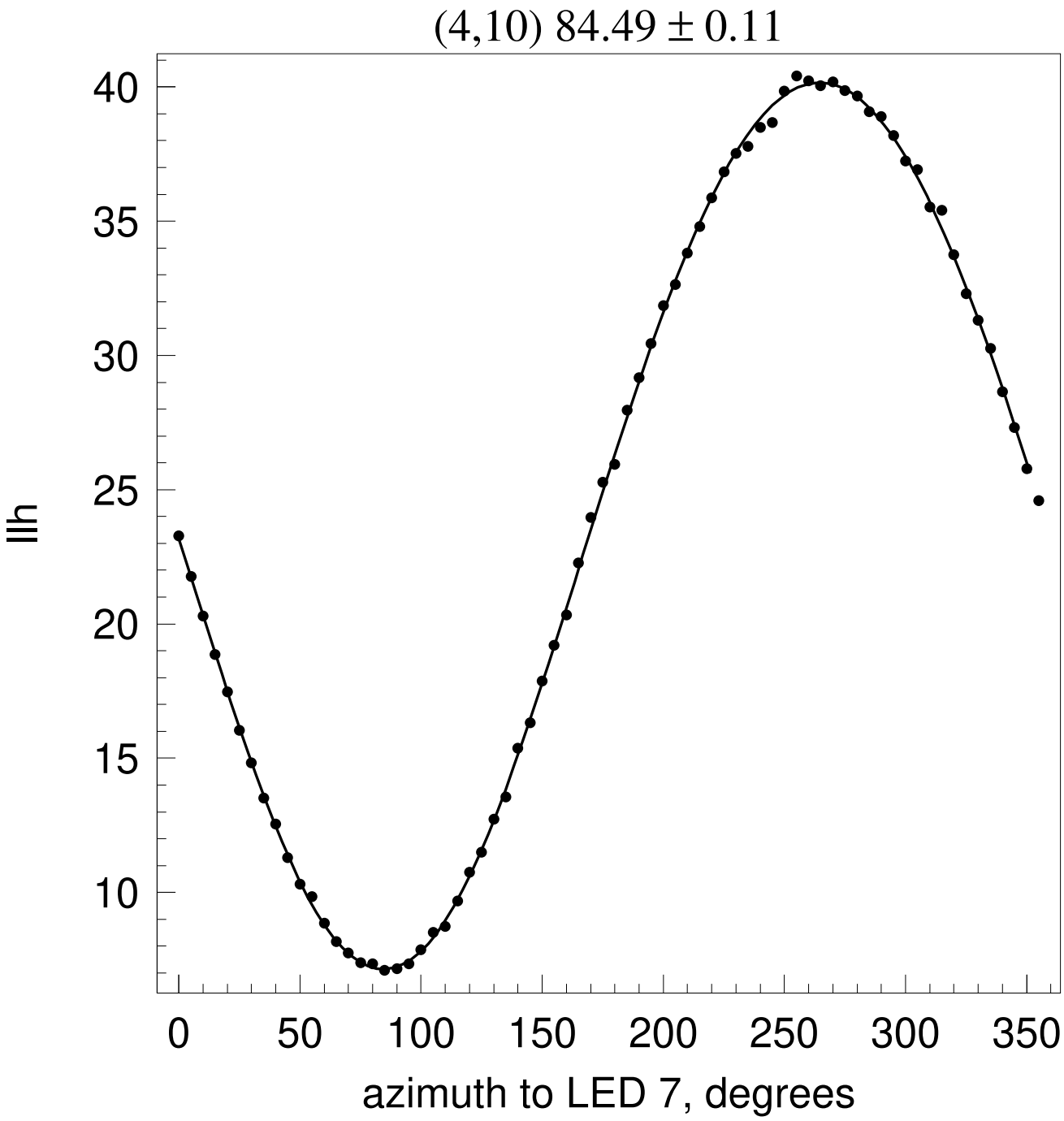

(4,5) 222.03 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

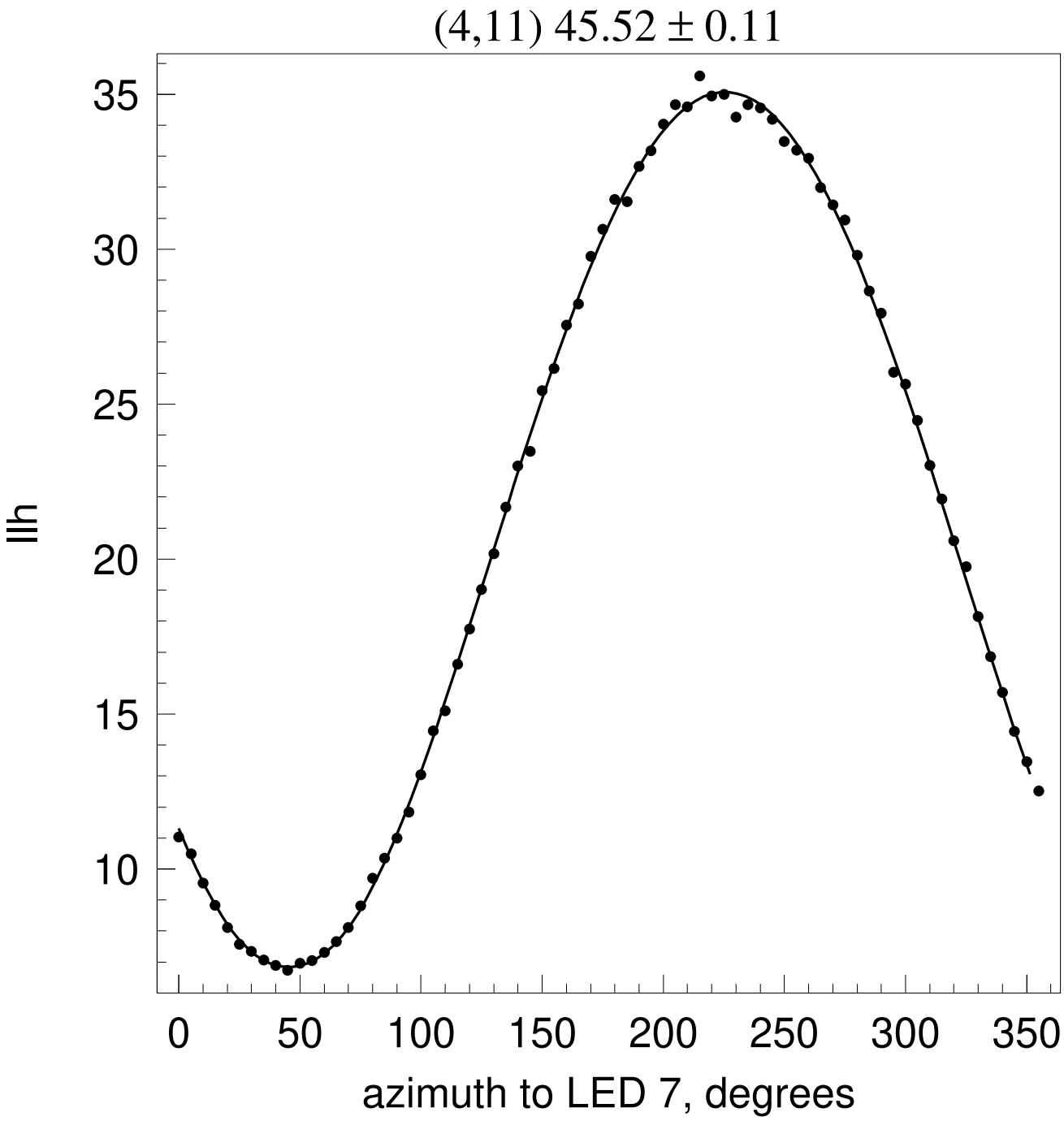

(4,6) 202.54 ± 0.21
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

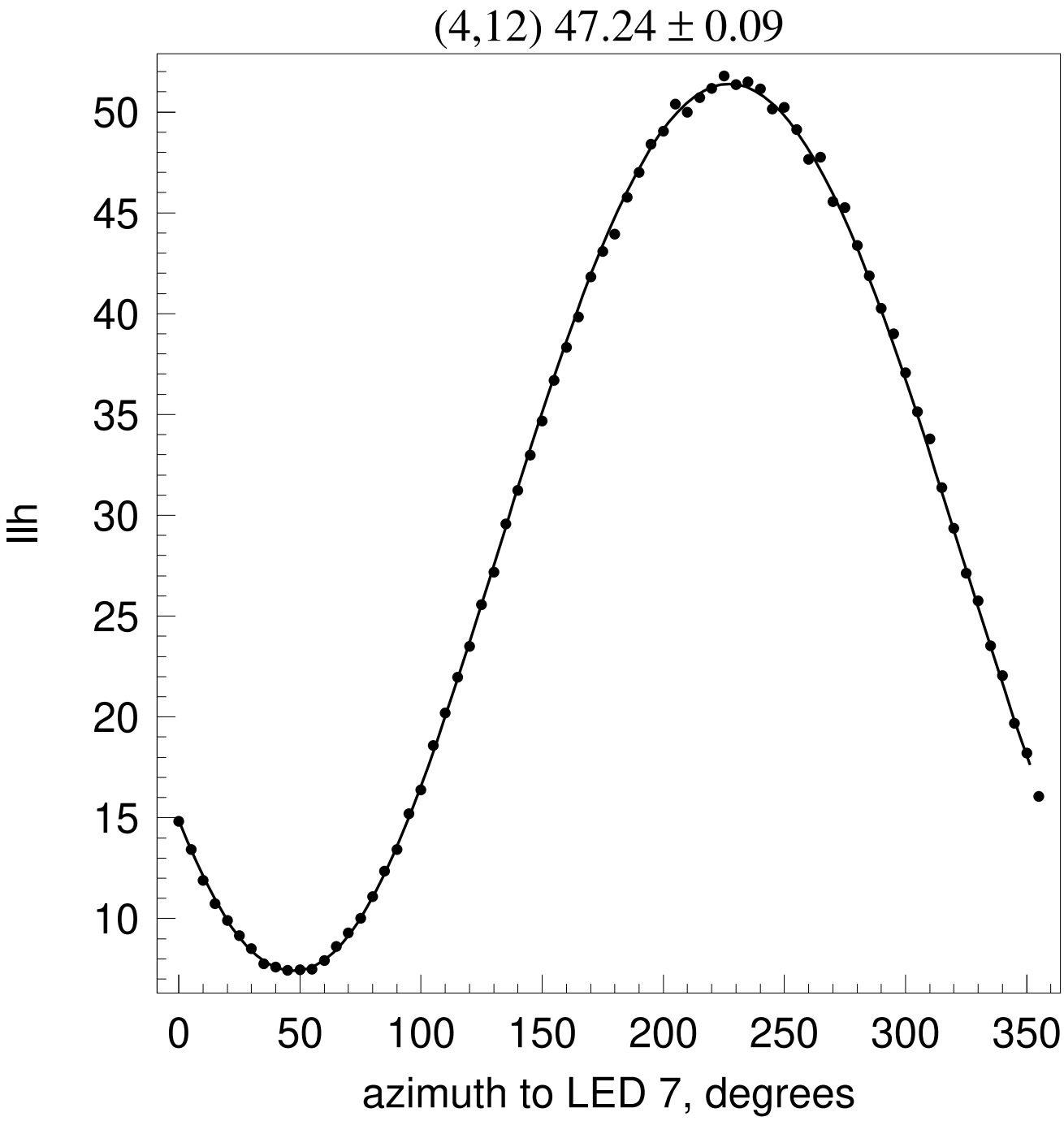

(4,7) 12.84 ± 0.39
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

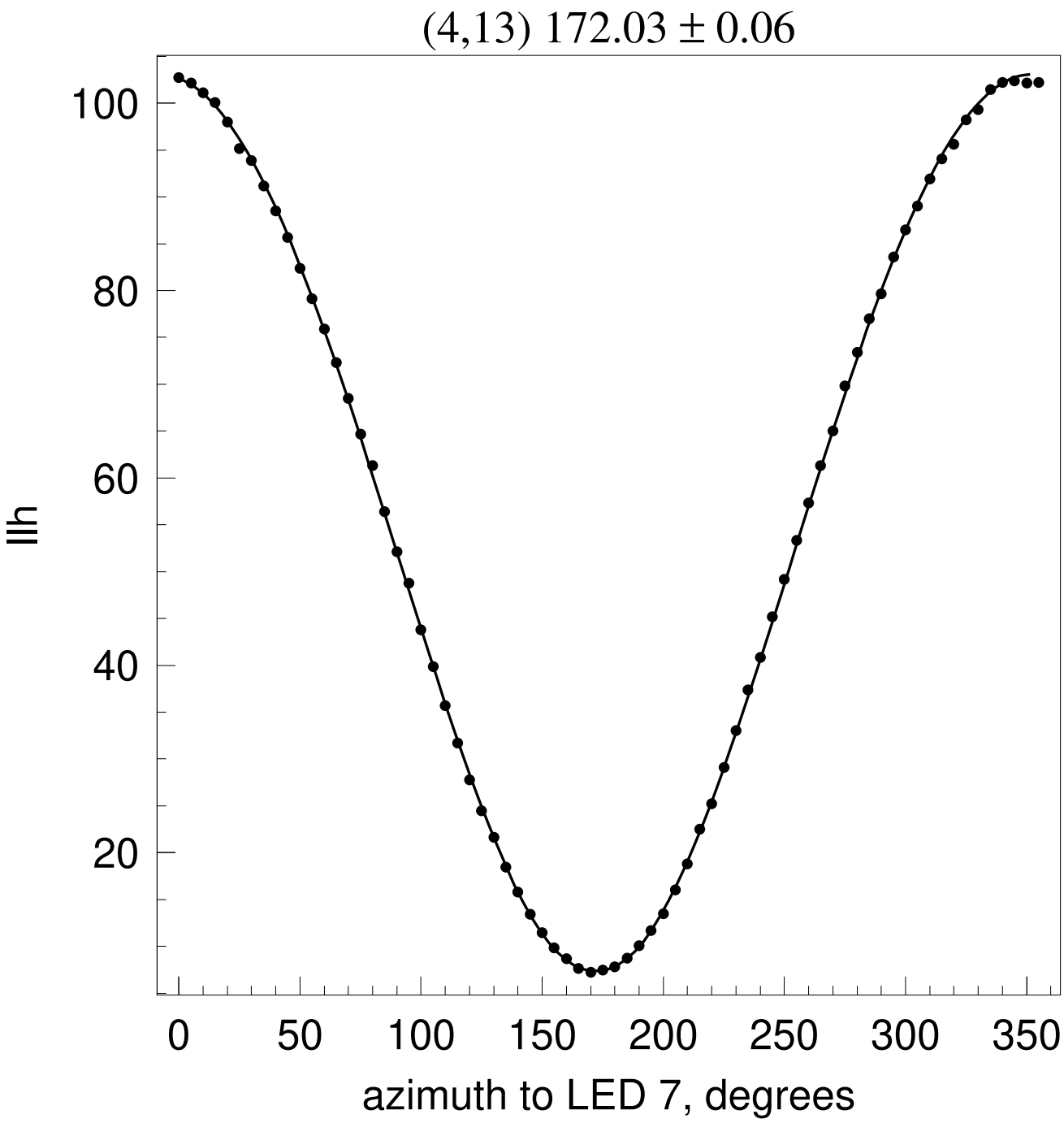

(4,8) 133.59 ± 0.28
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

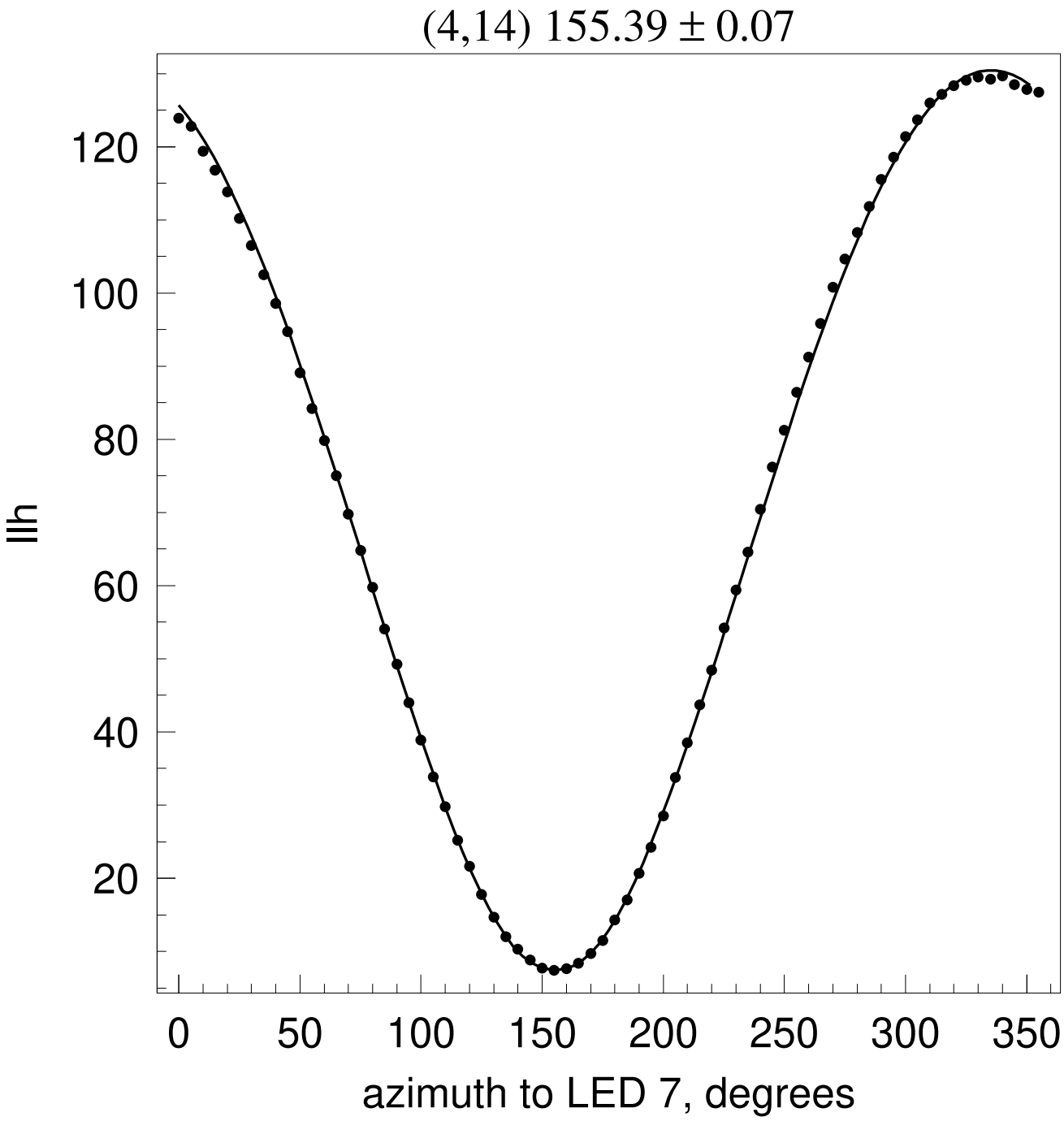

(4,9) 200.08 ± 0.26
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

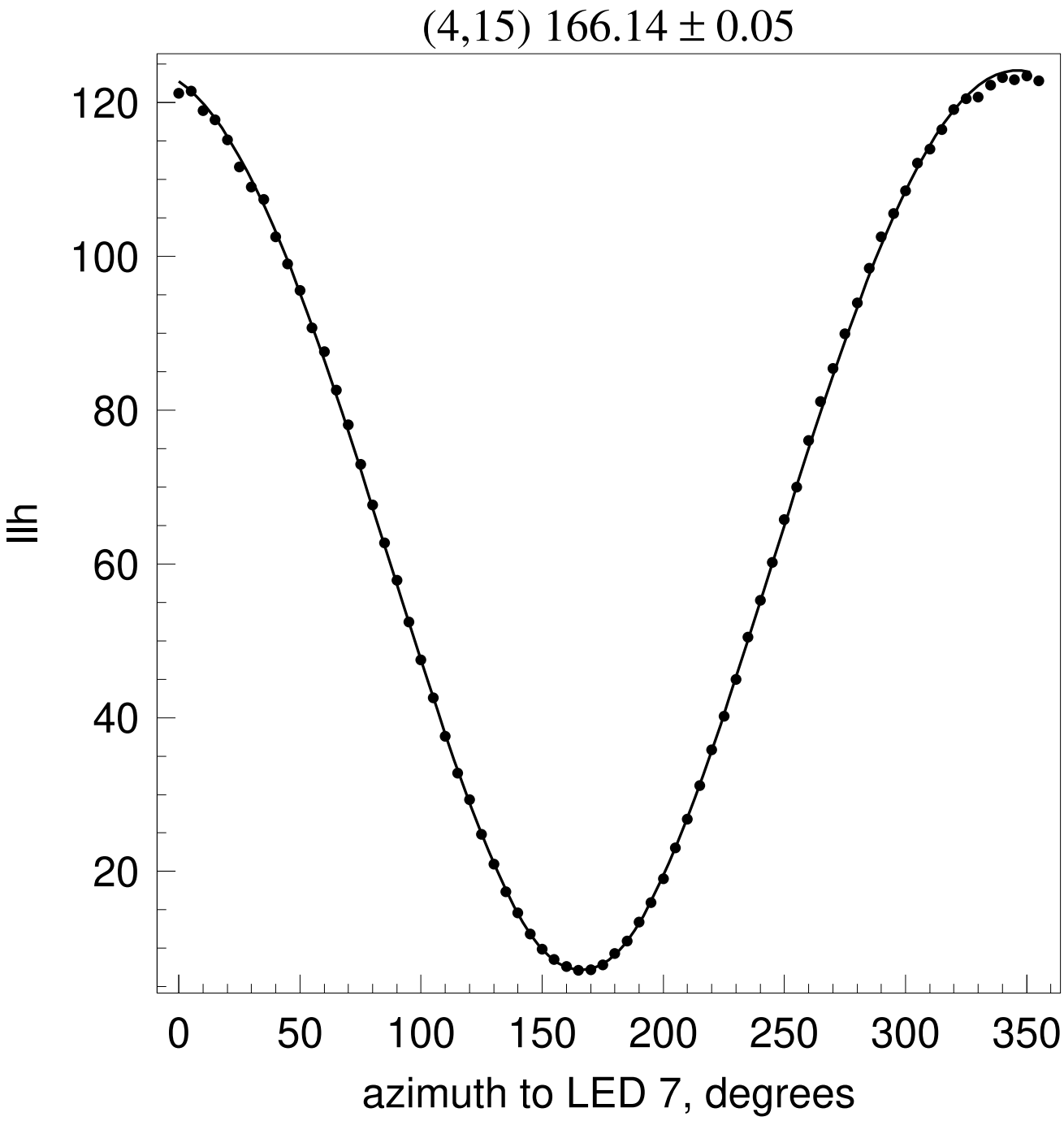

(4,10) 84.49 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

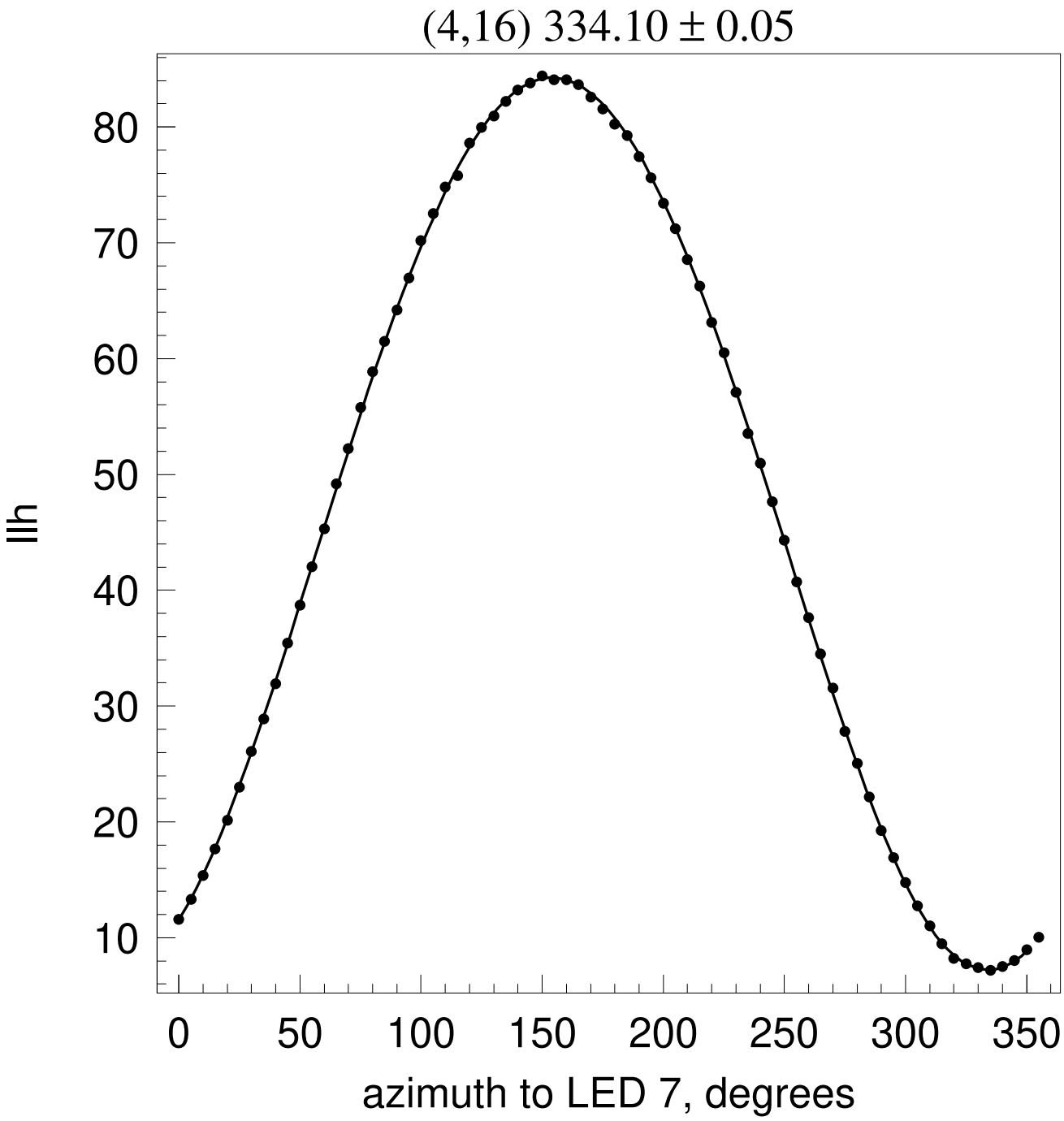

(4,11) 45.52 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

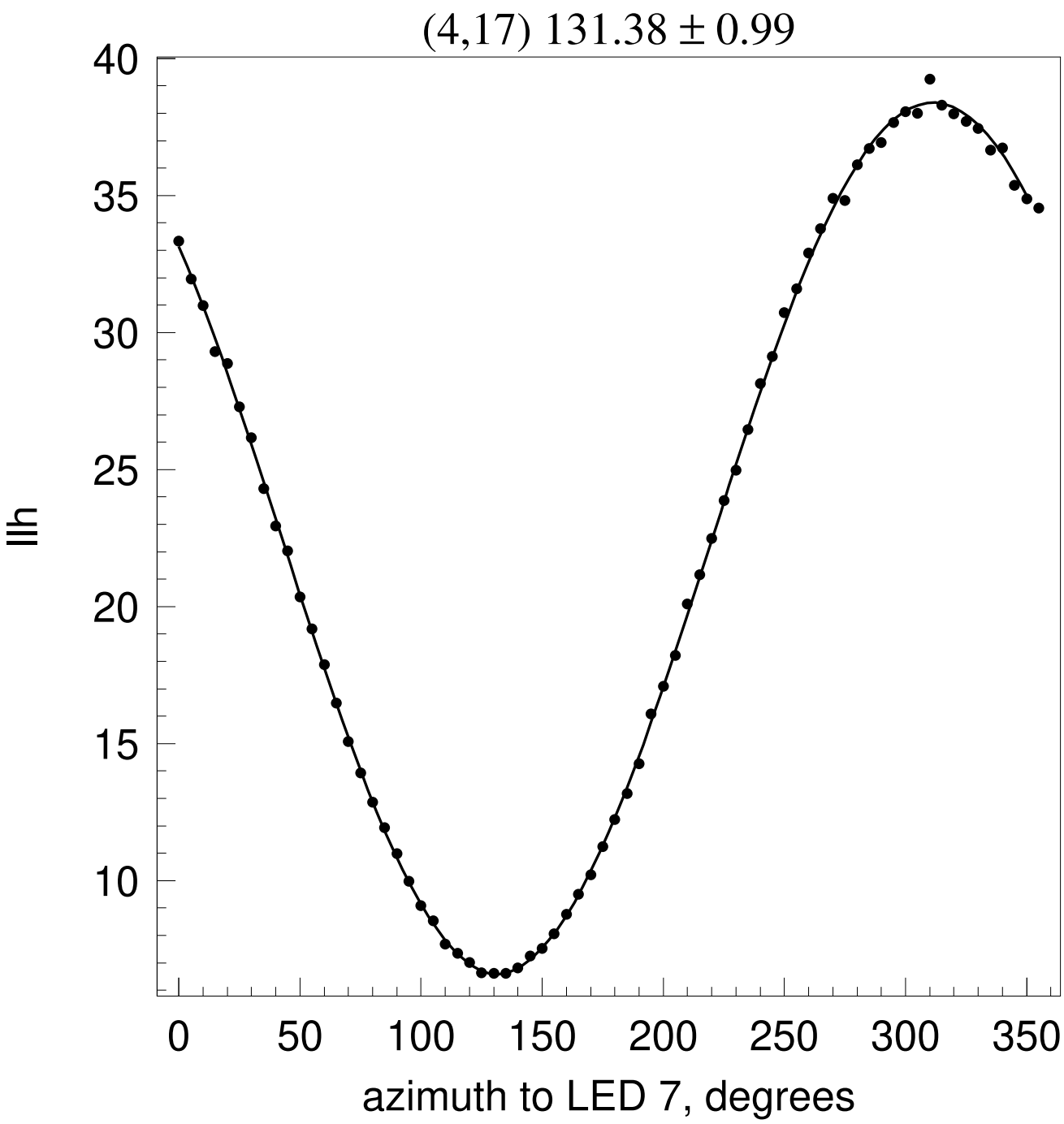

(4,12) 47.24 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

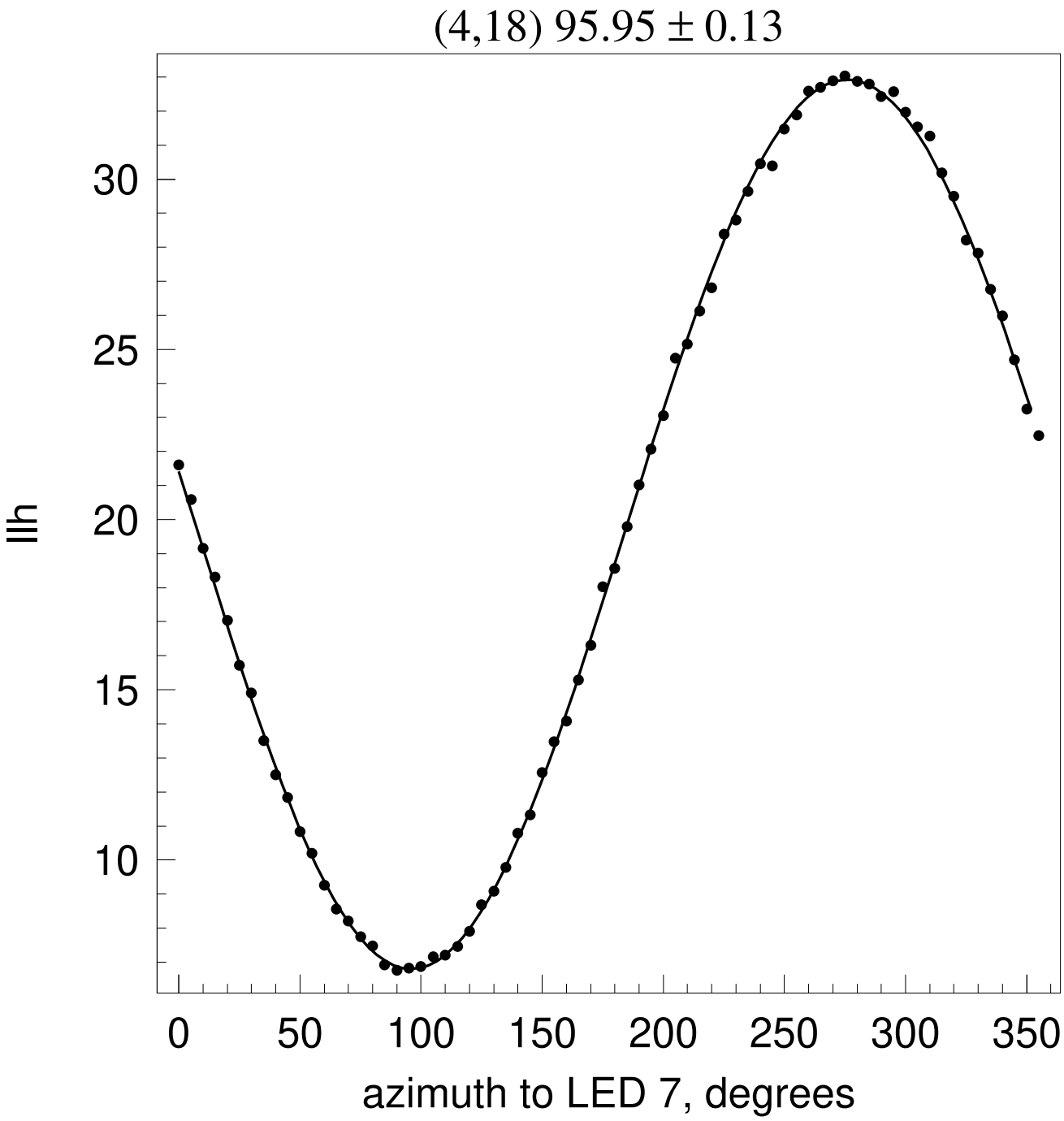

(4,13) 172.03 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

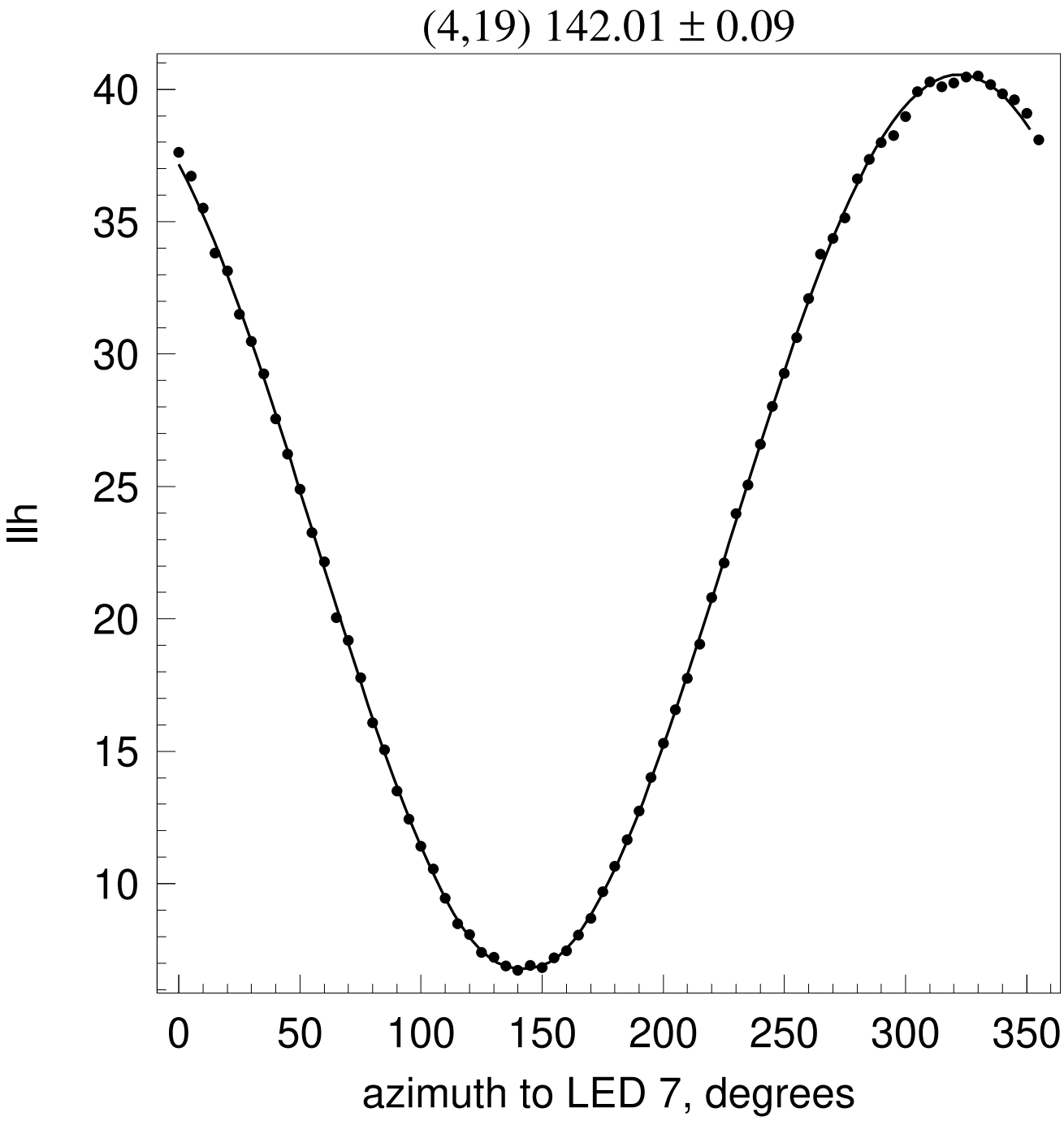

(4,14) 155.39 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

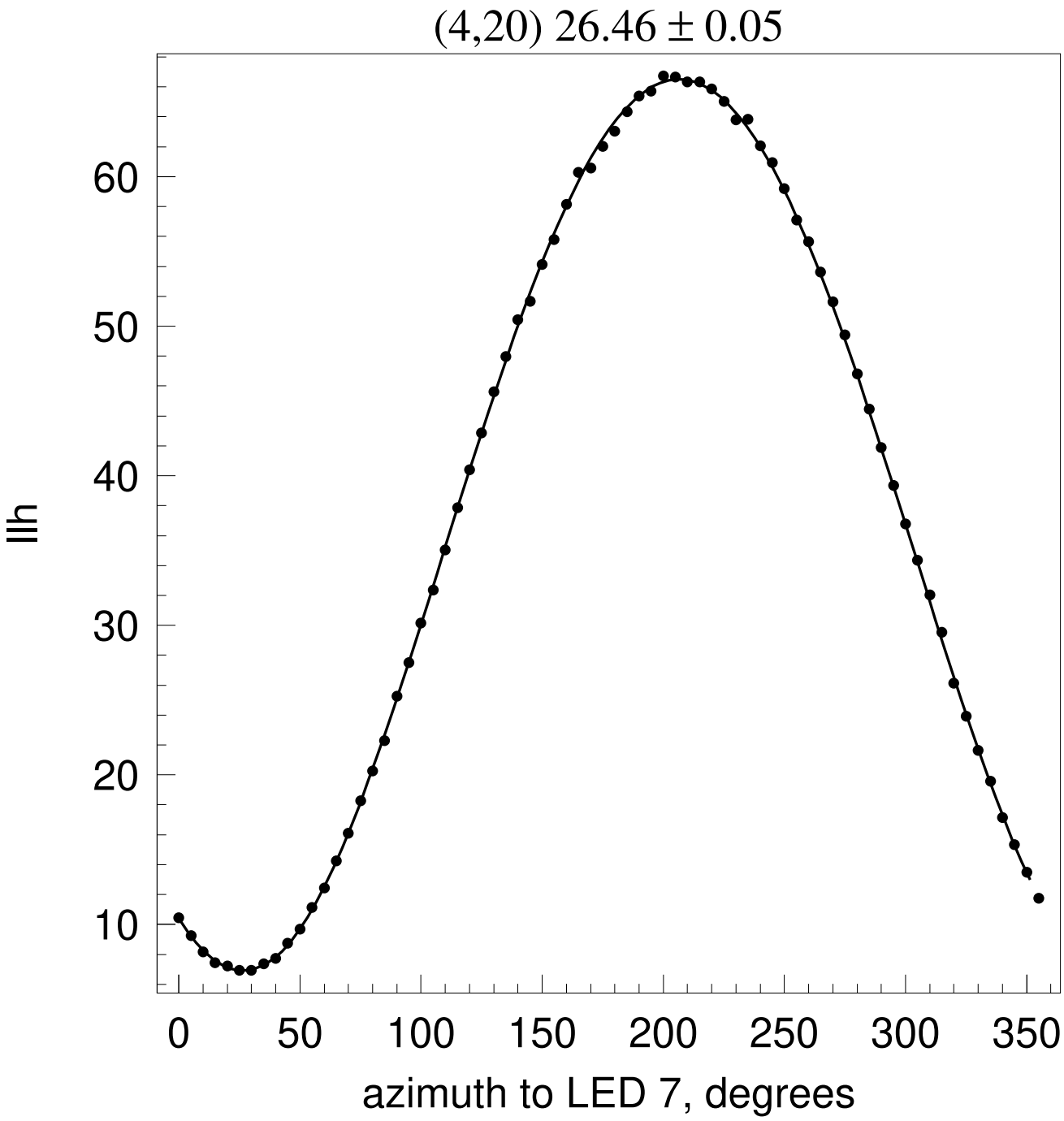

(4,15) 166.14 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

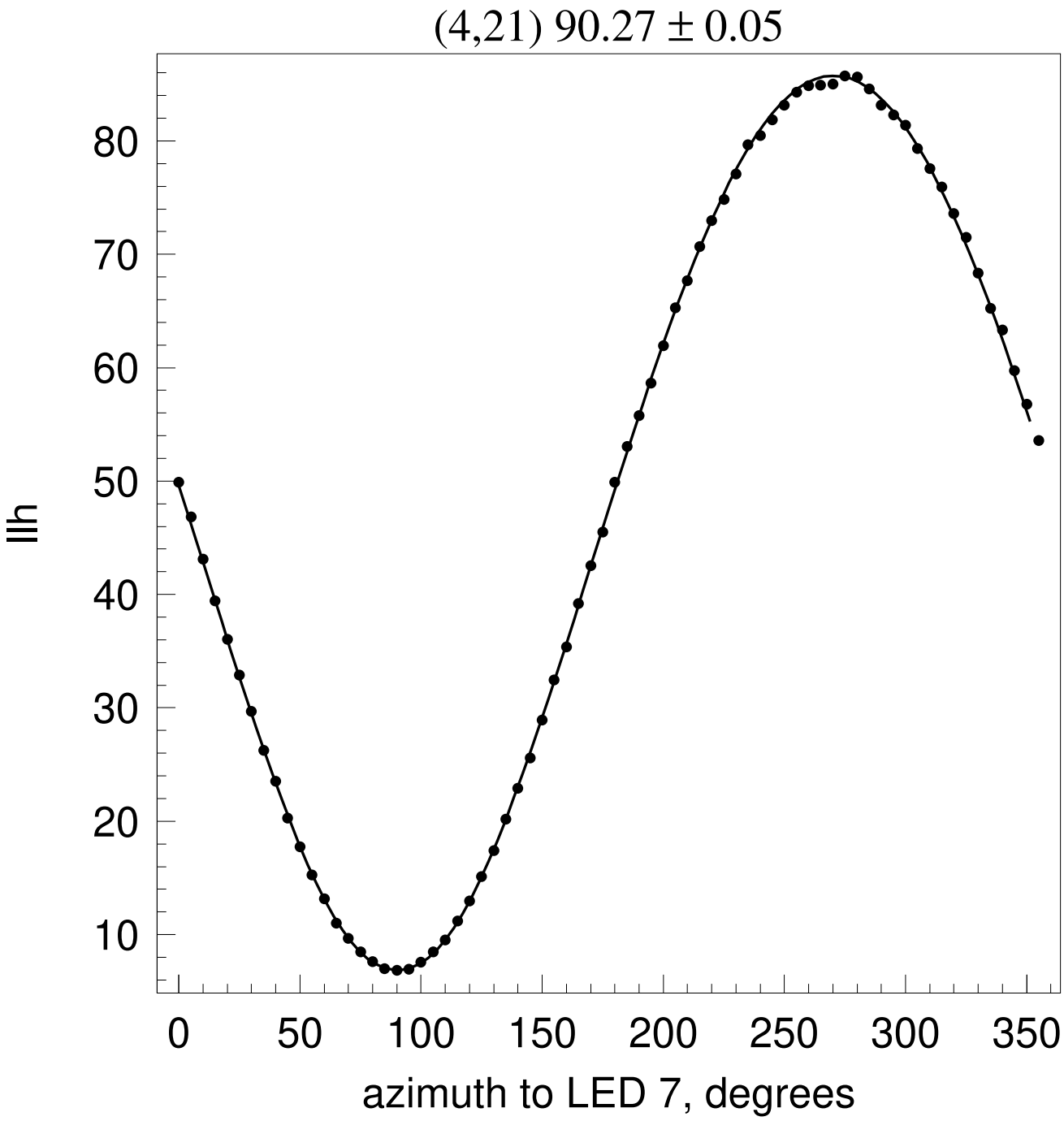

(4,16) 334.10 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

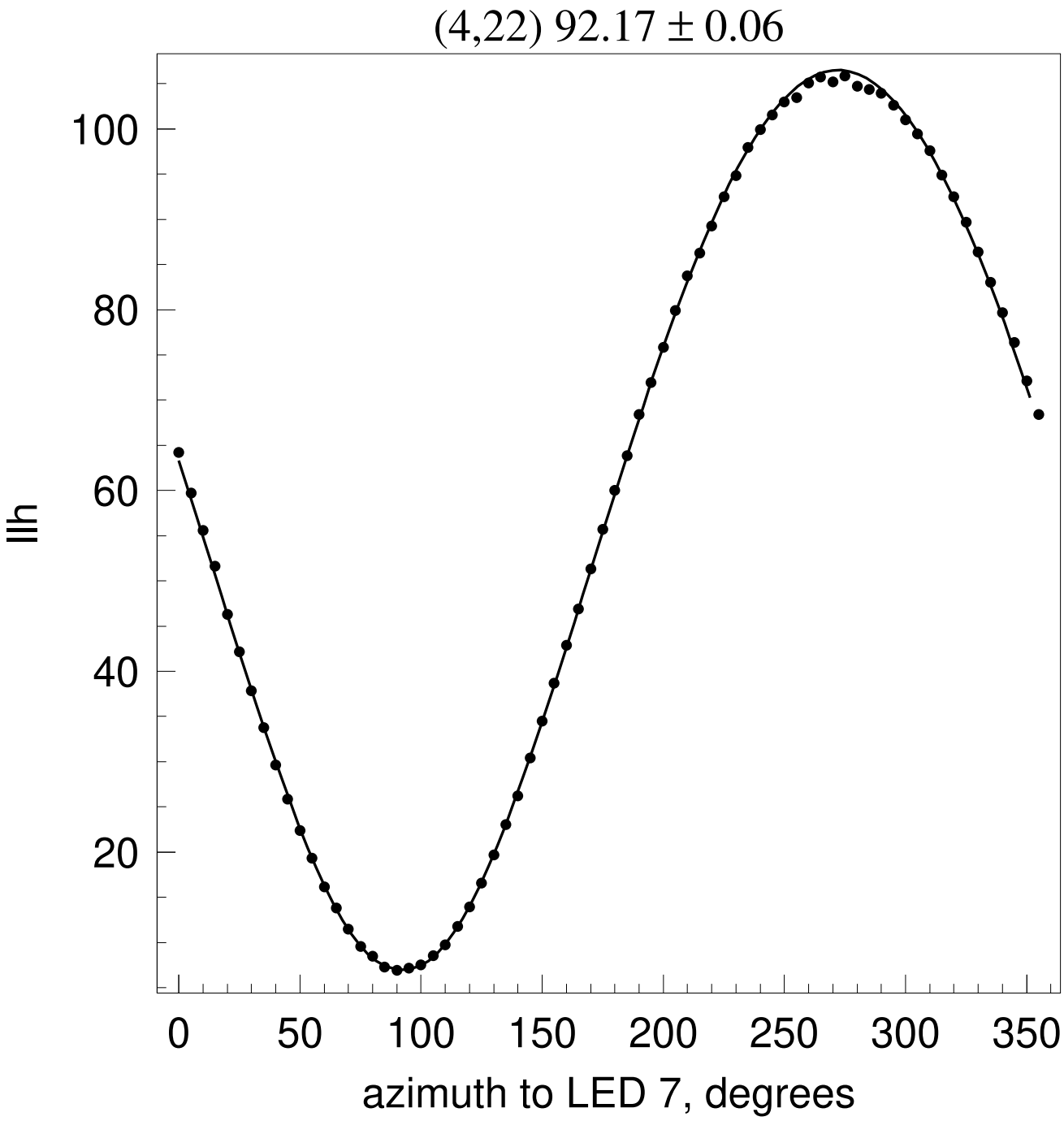

(4,17) 131.38 ± 0.99
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

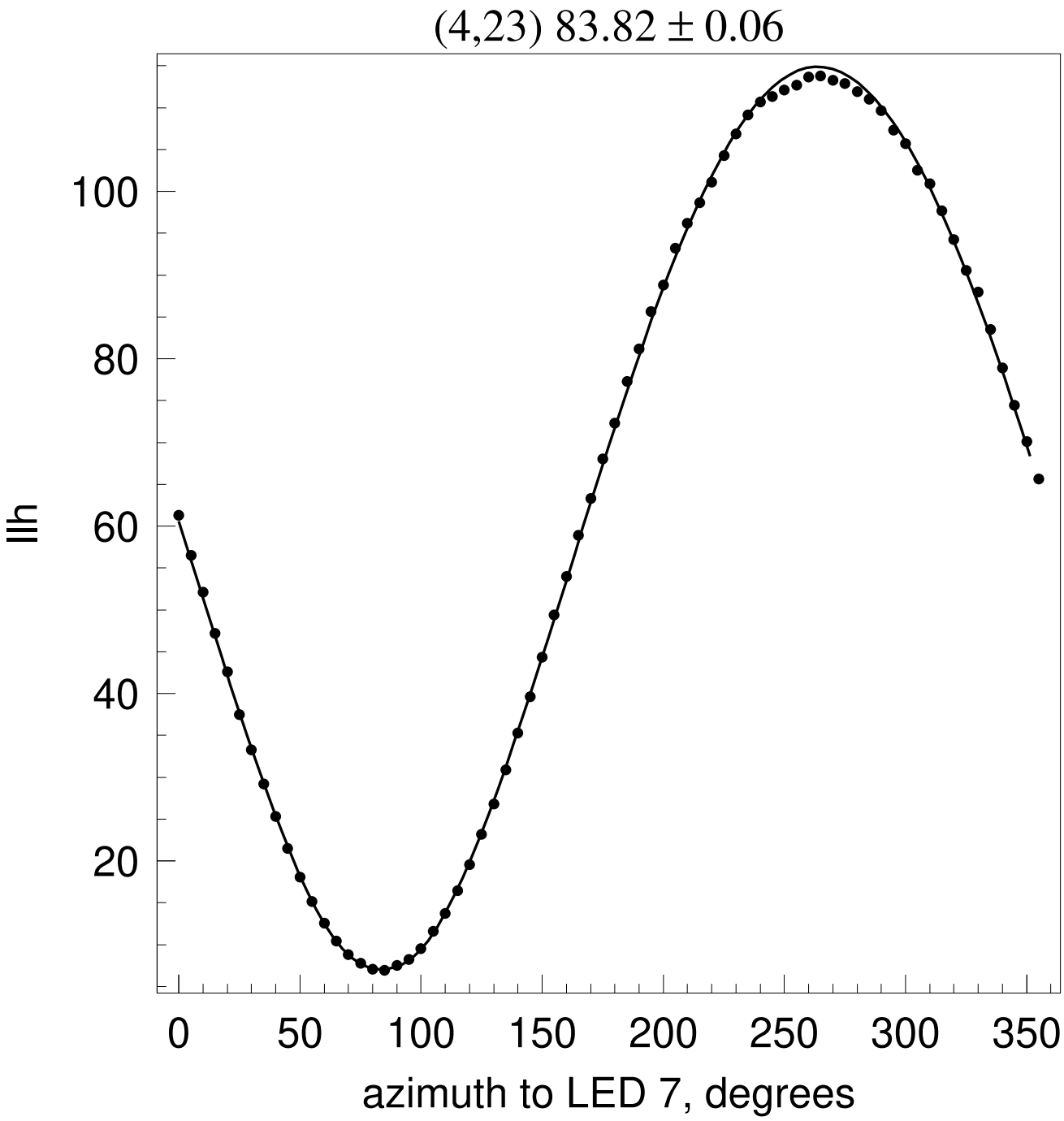

(4,18) 95.95 ± 0.13
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

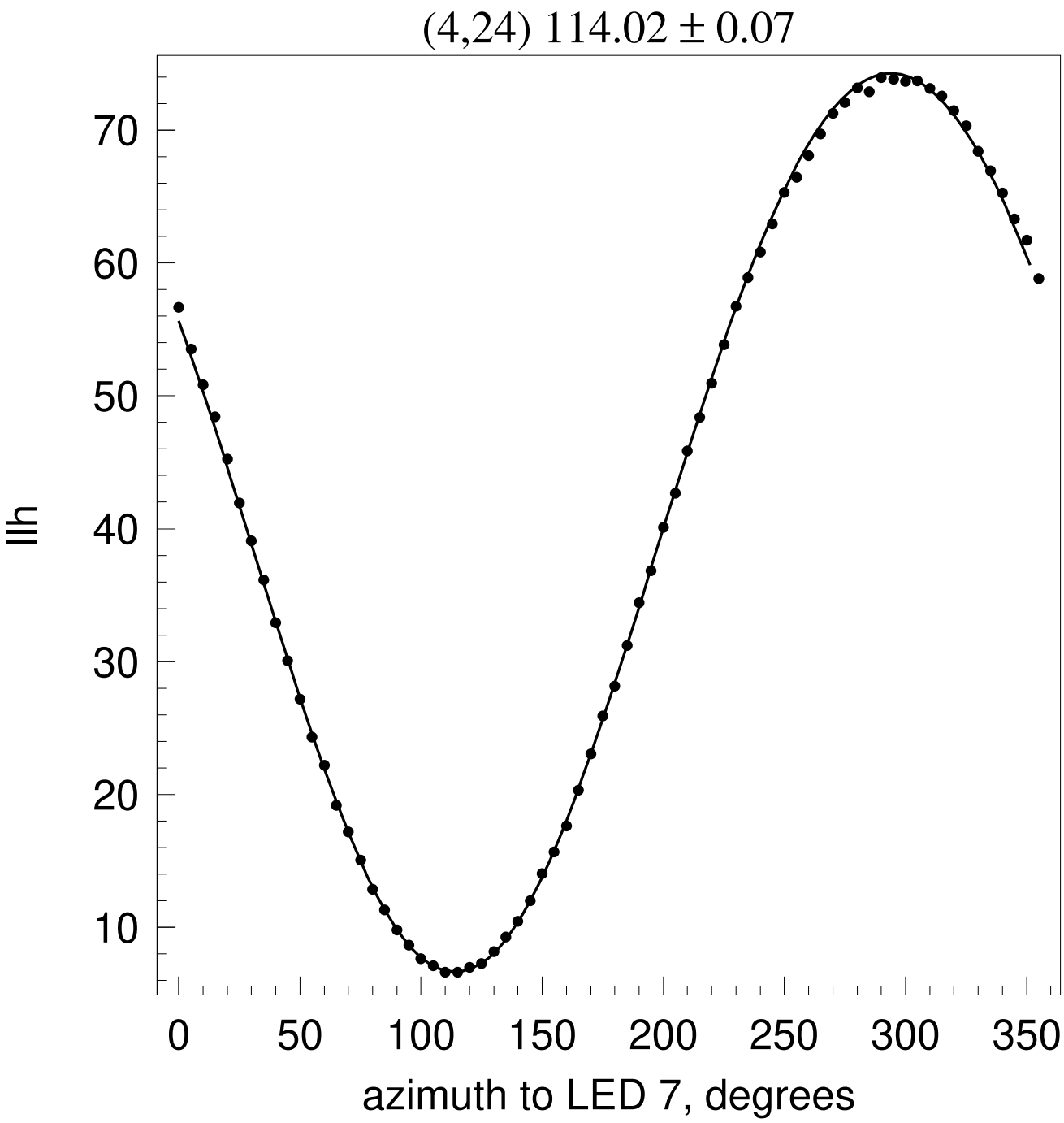

(4,19) 142.01 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

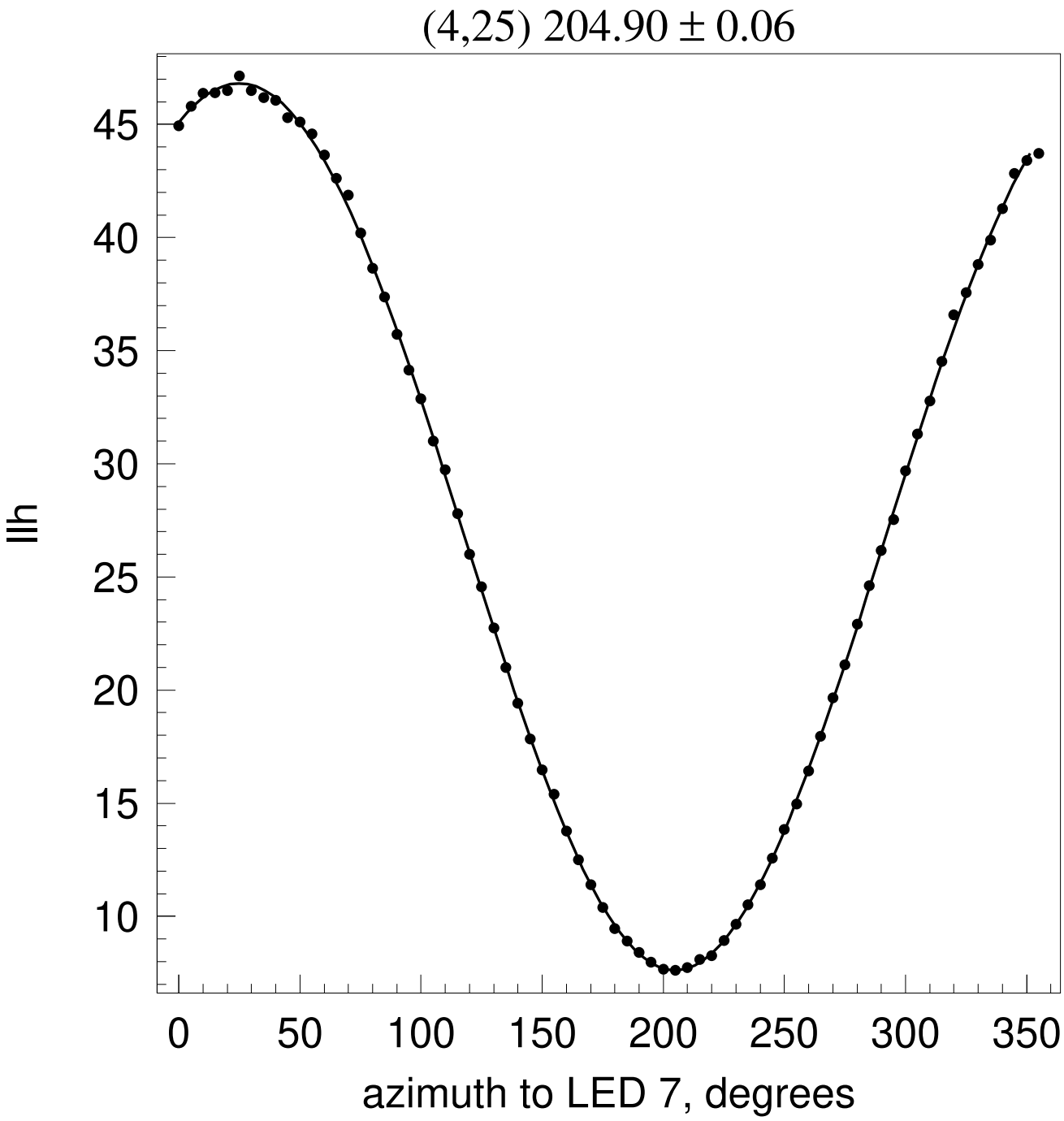

(4,20) 26.46 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

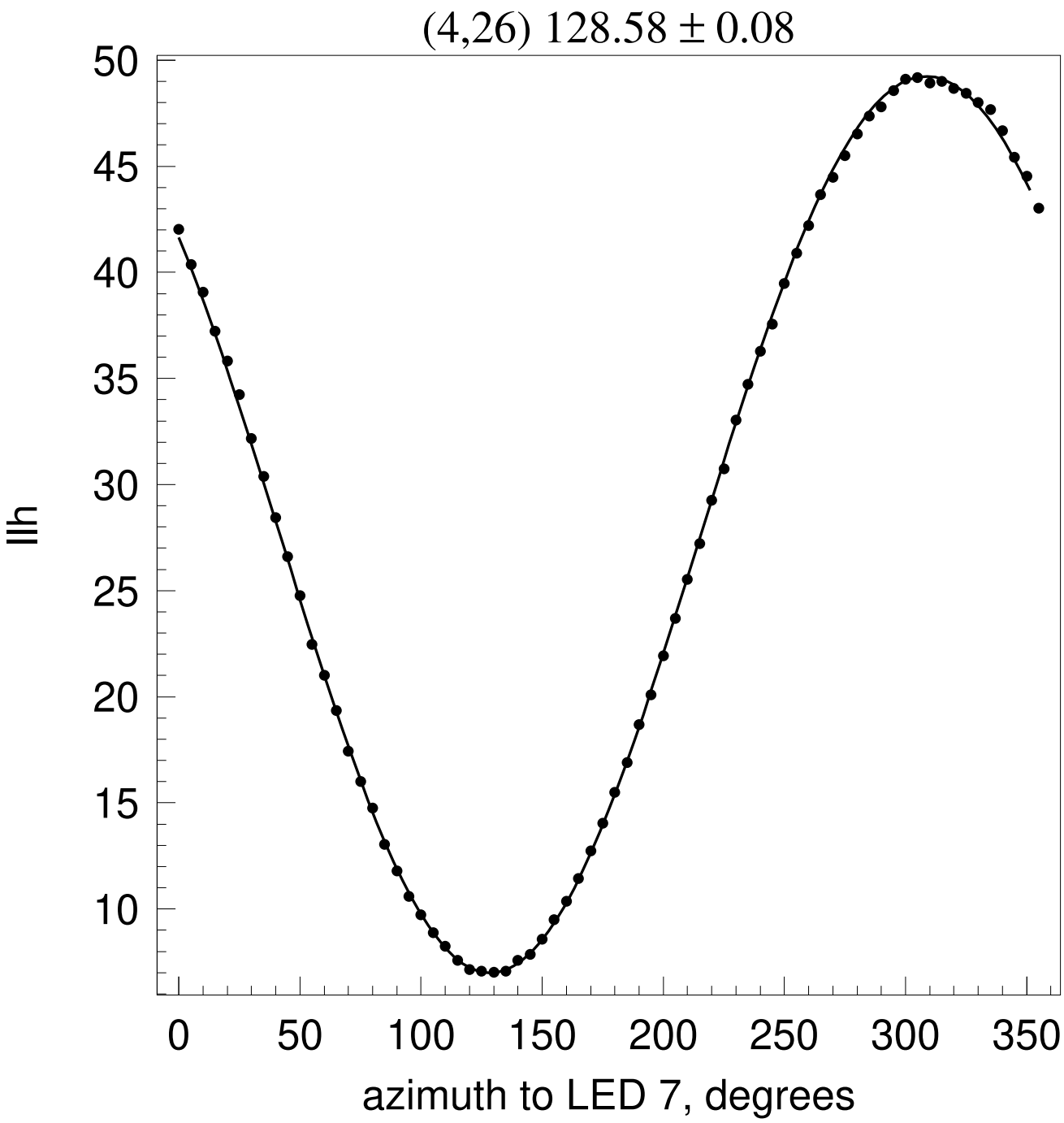

(4,21) 90.27 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

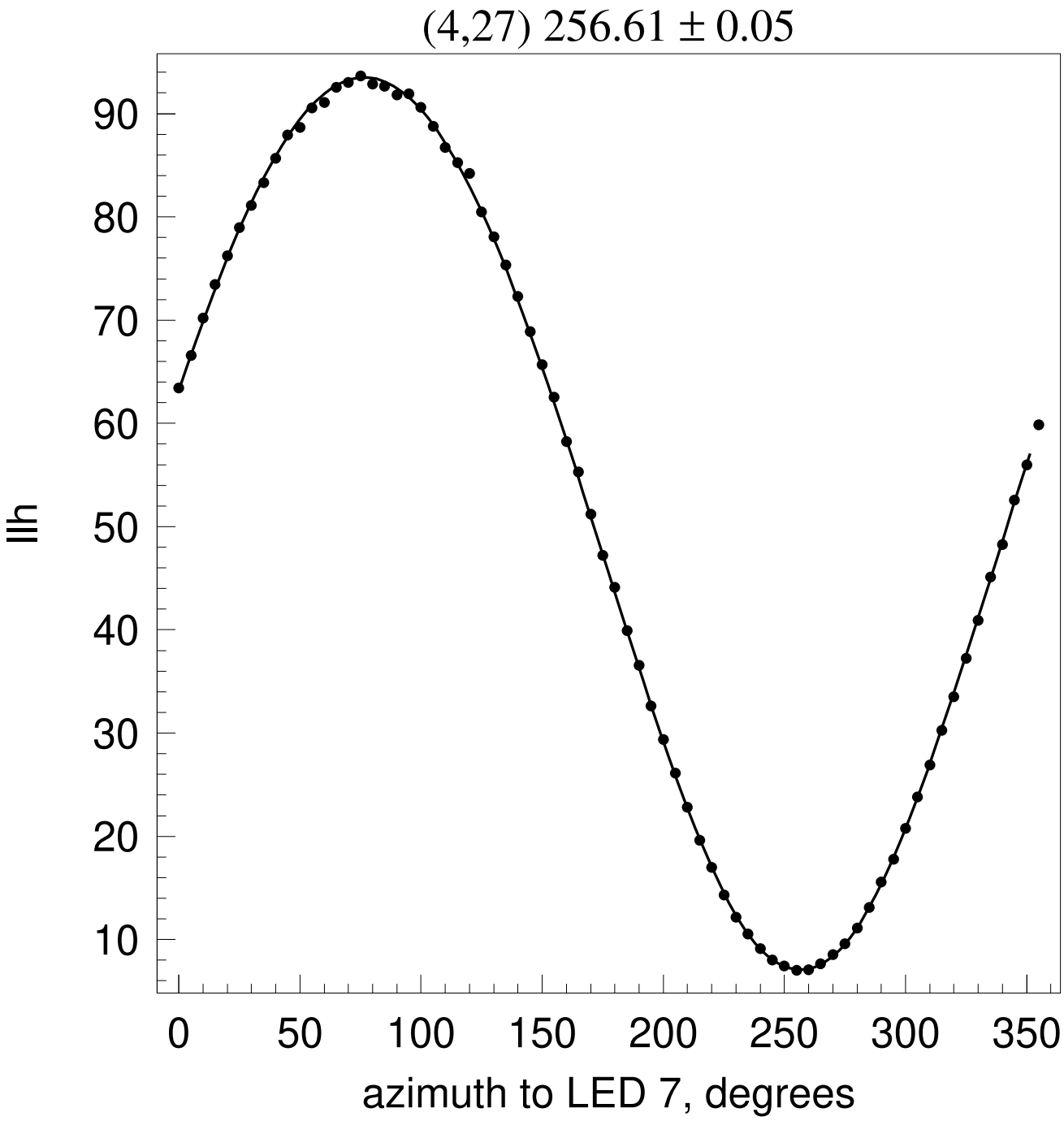

(4,22) 92.17 ± 0.06
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

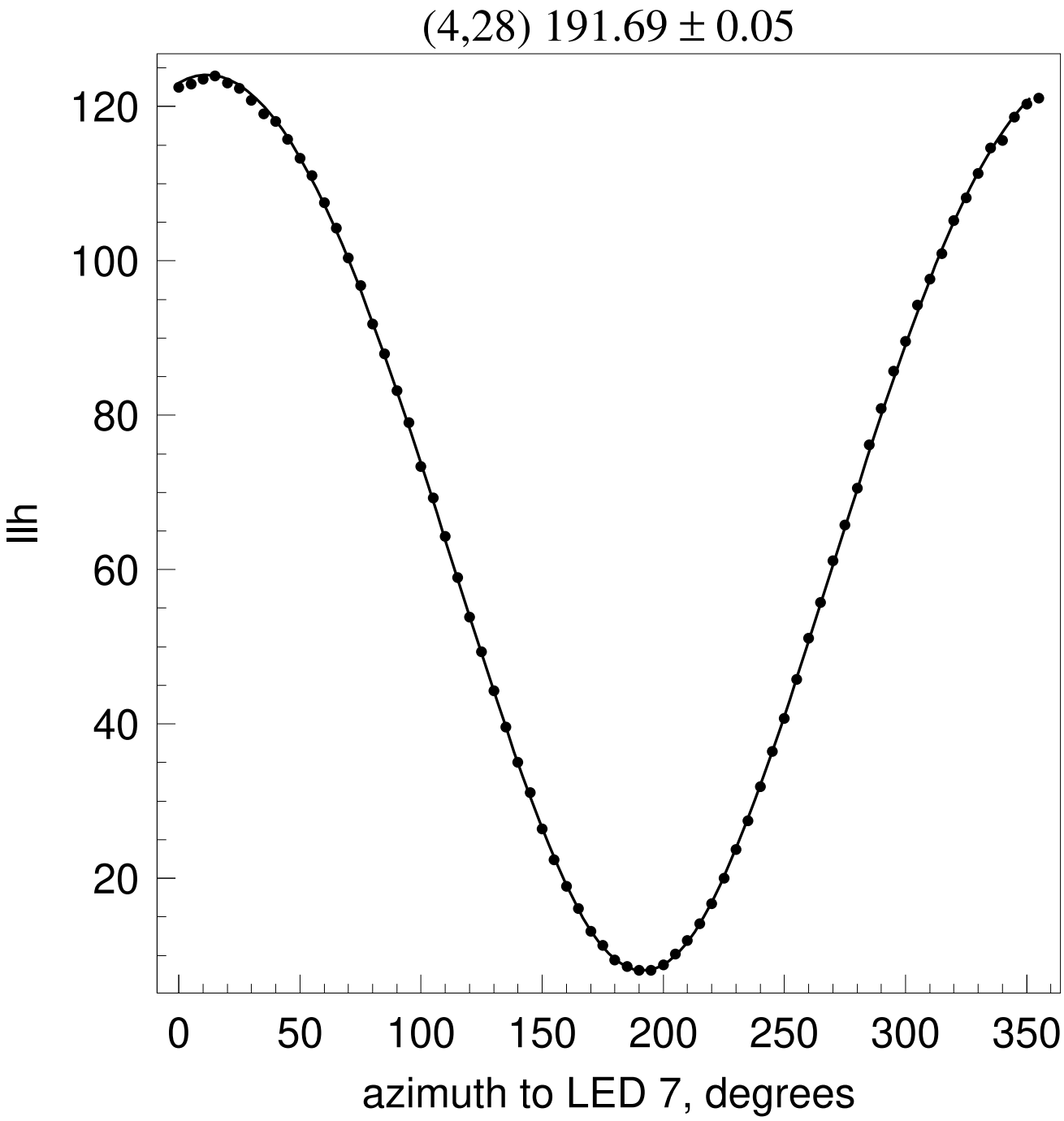

(4,23) 83.82 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

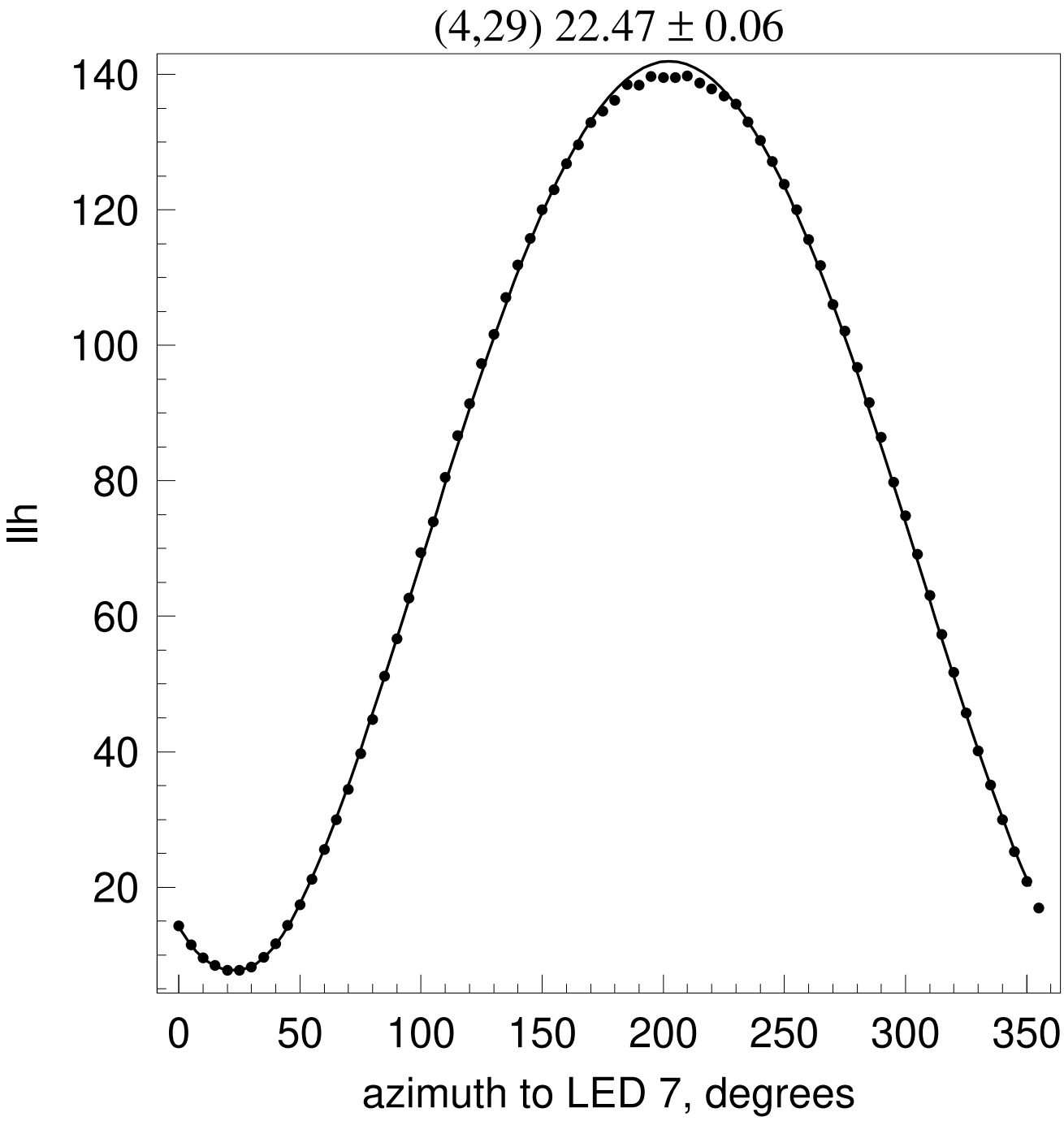

(4,24) 114.02 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

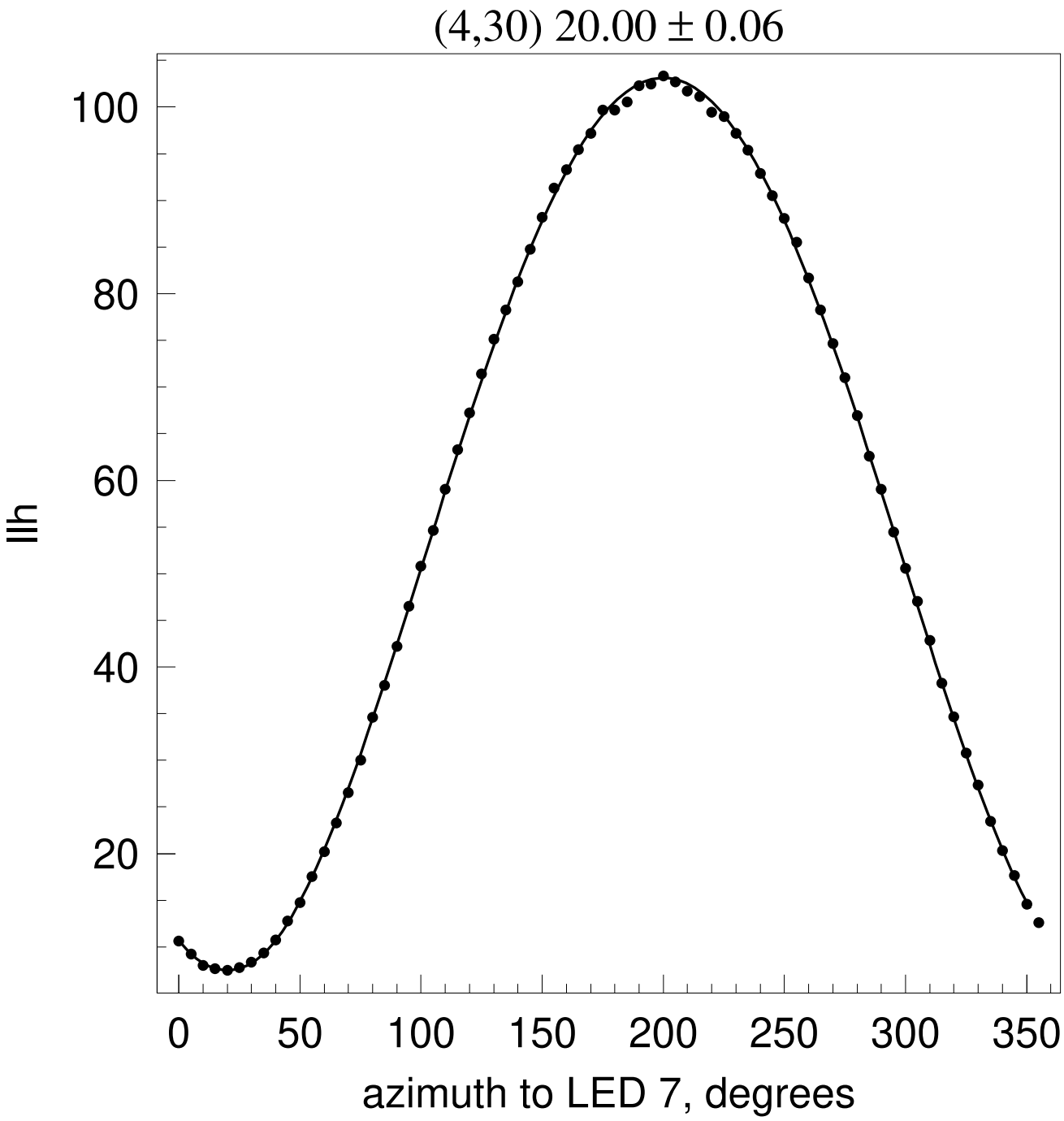

(4,25) 204.90 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

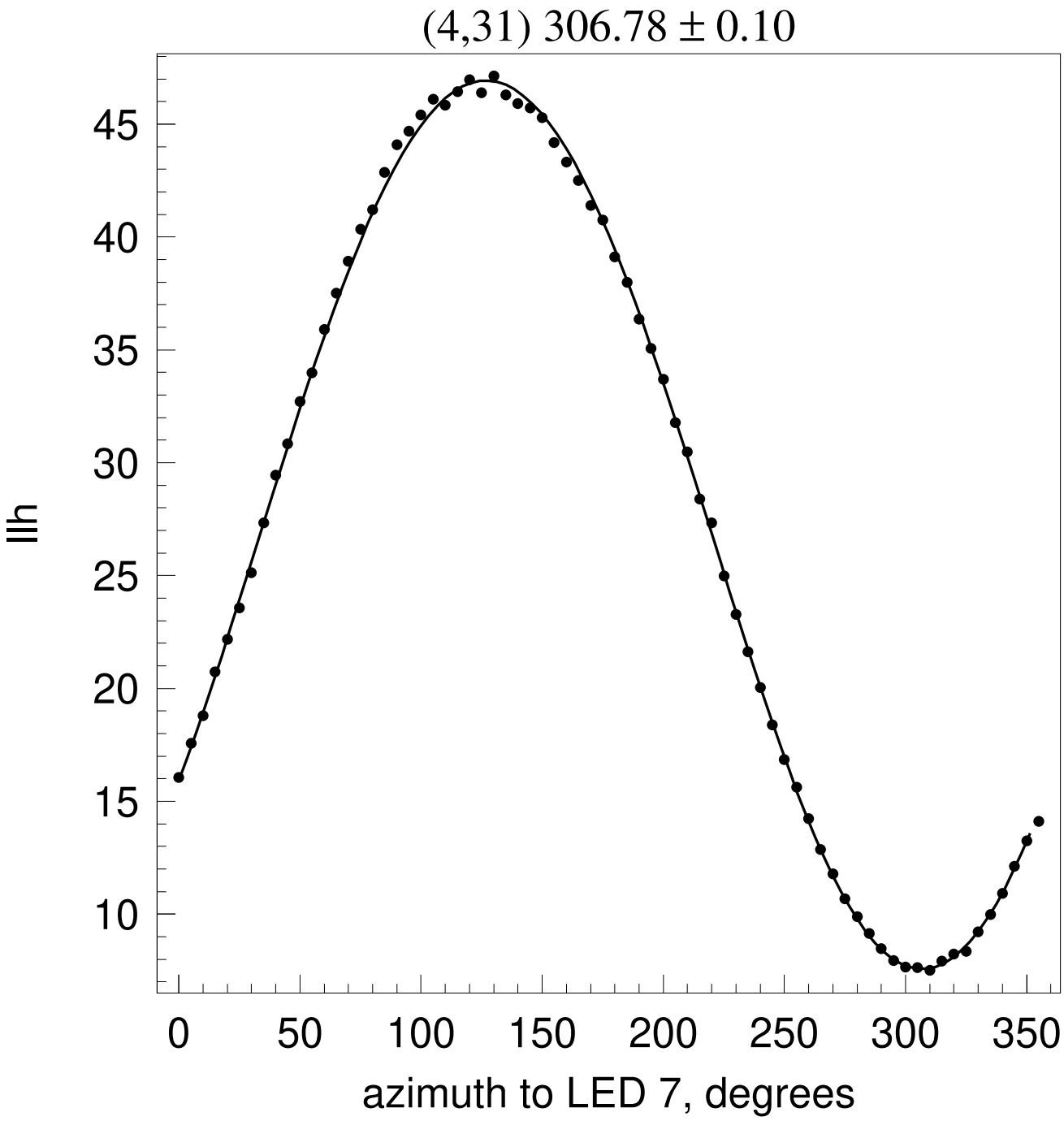

(4,26) 128.58 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

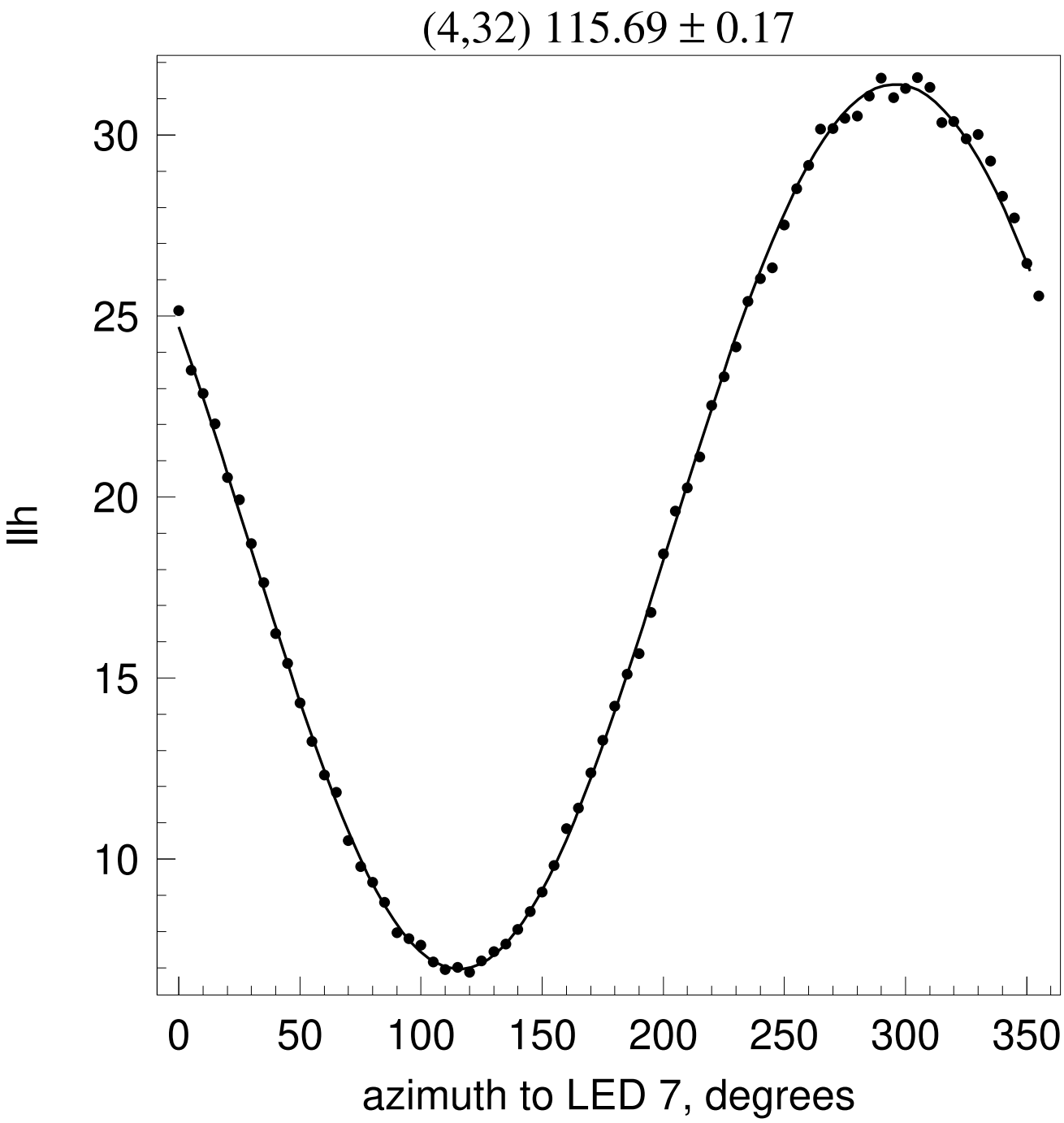

(4,27) 256.61 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

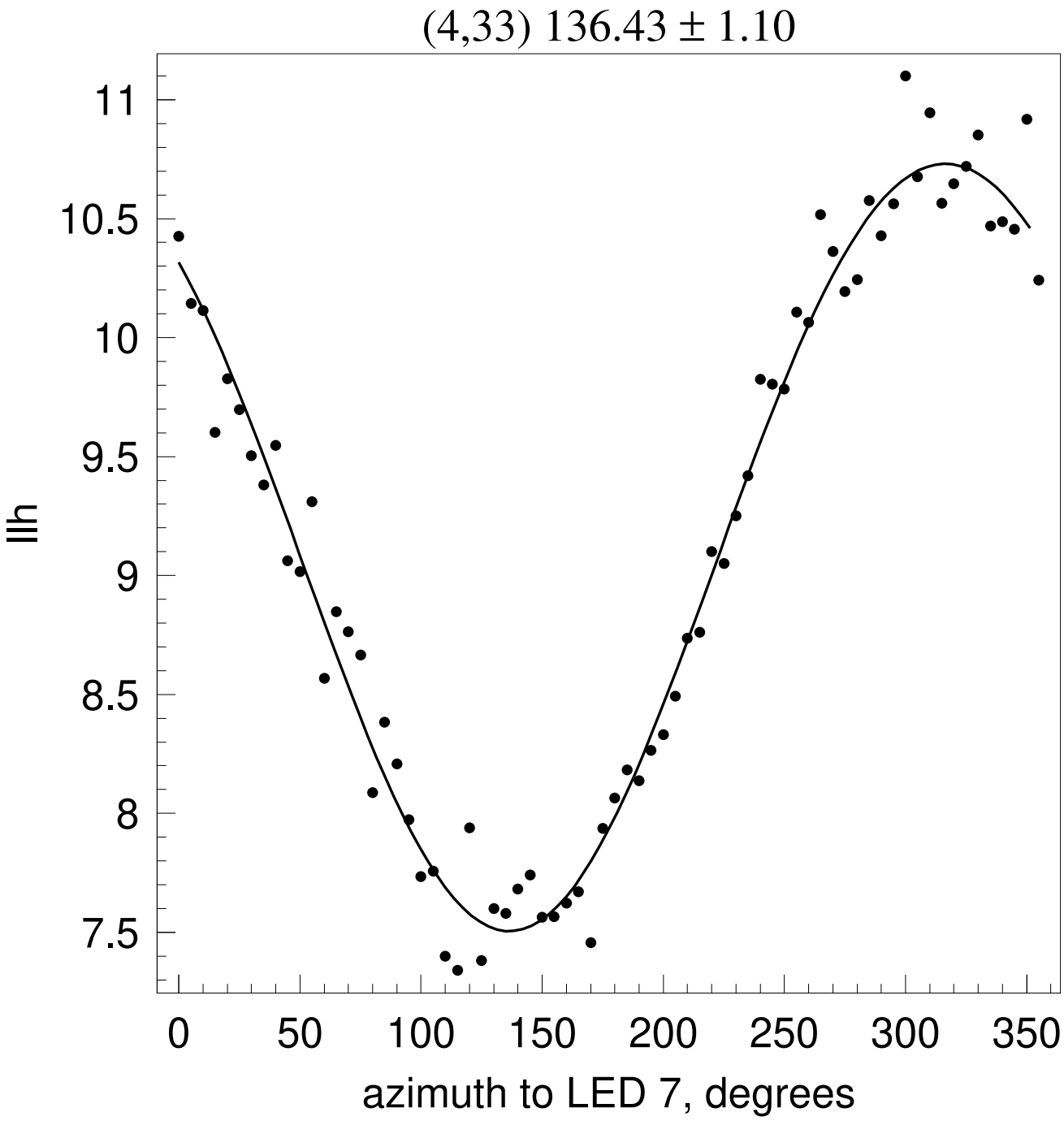

(4,28) 191.69 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

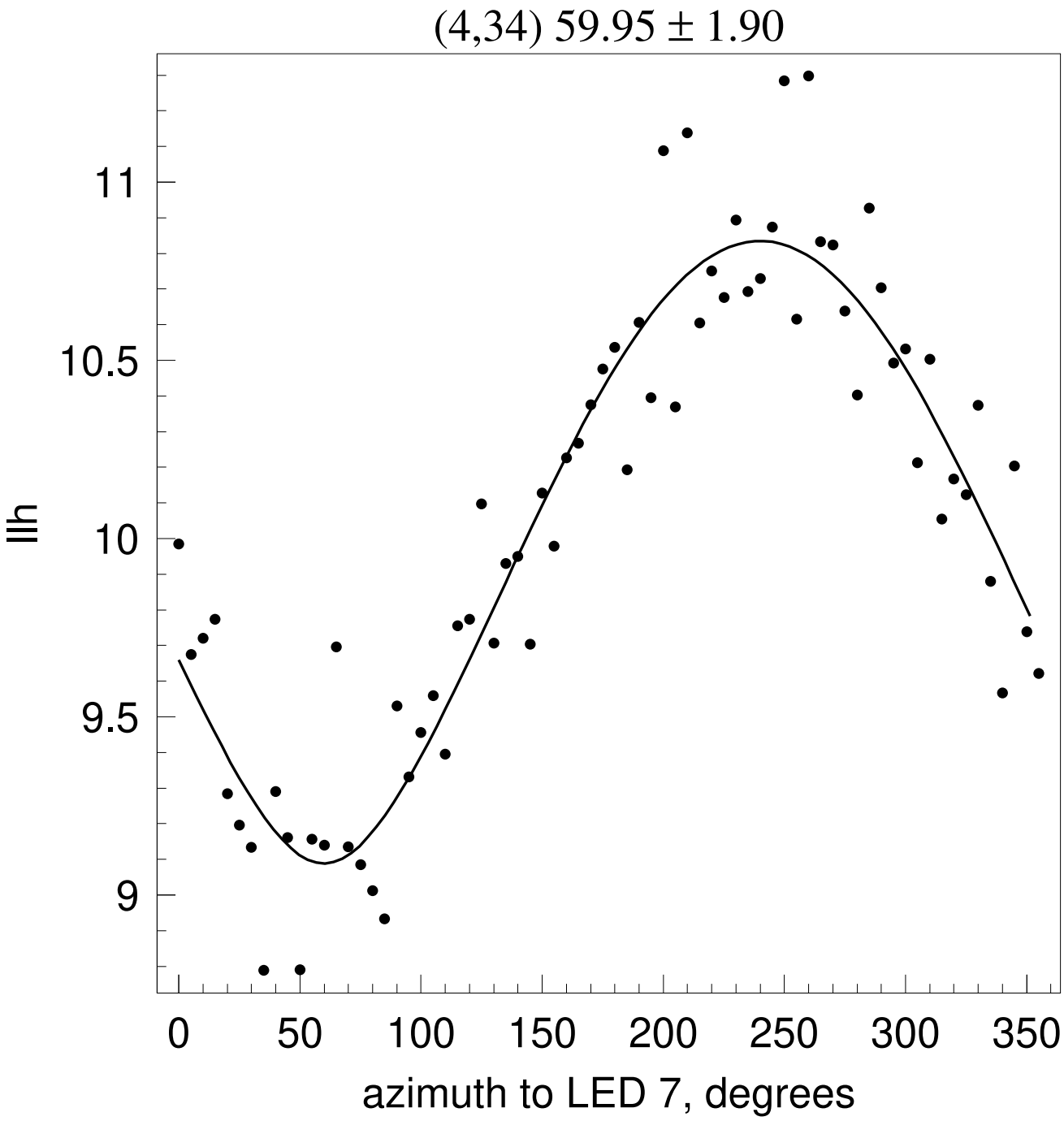

(4,29) 22.47 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

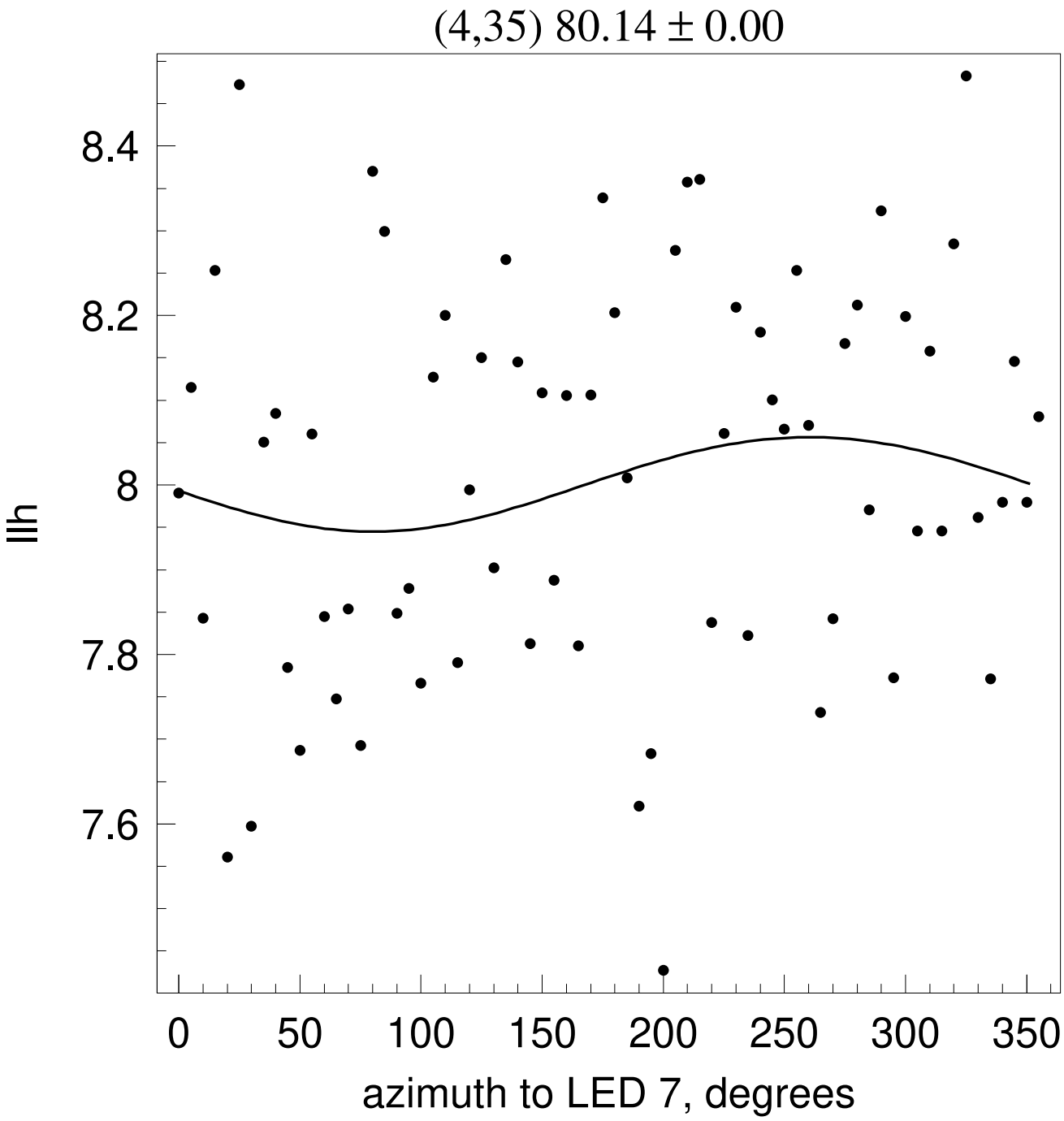

(4,30) 20.00 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

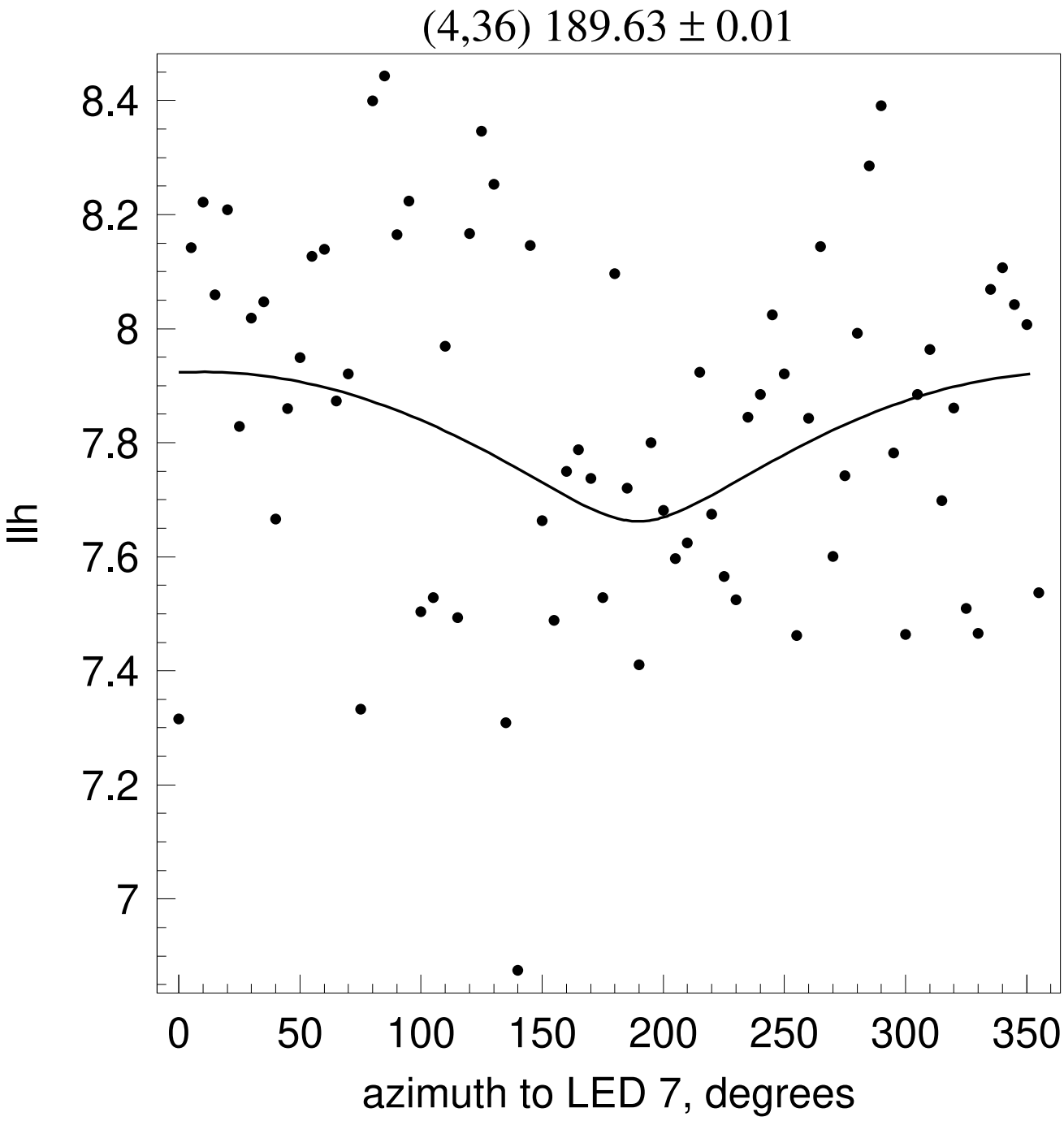

(4,31) 306.78 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

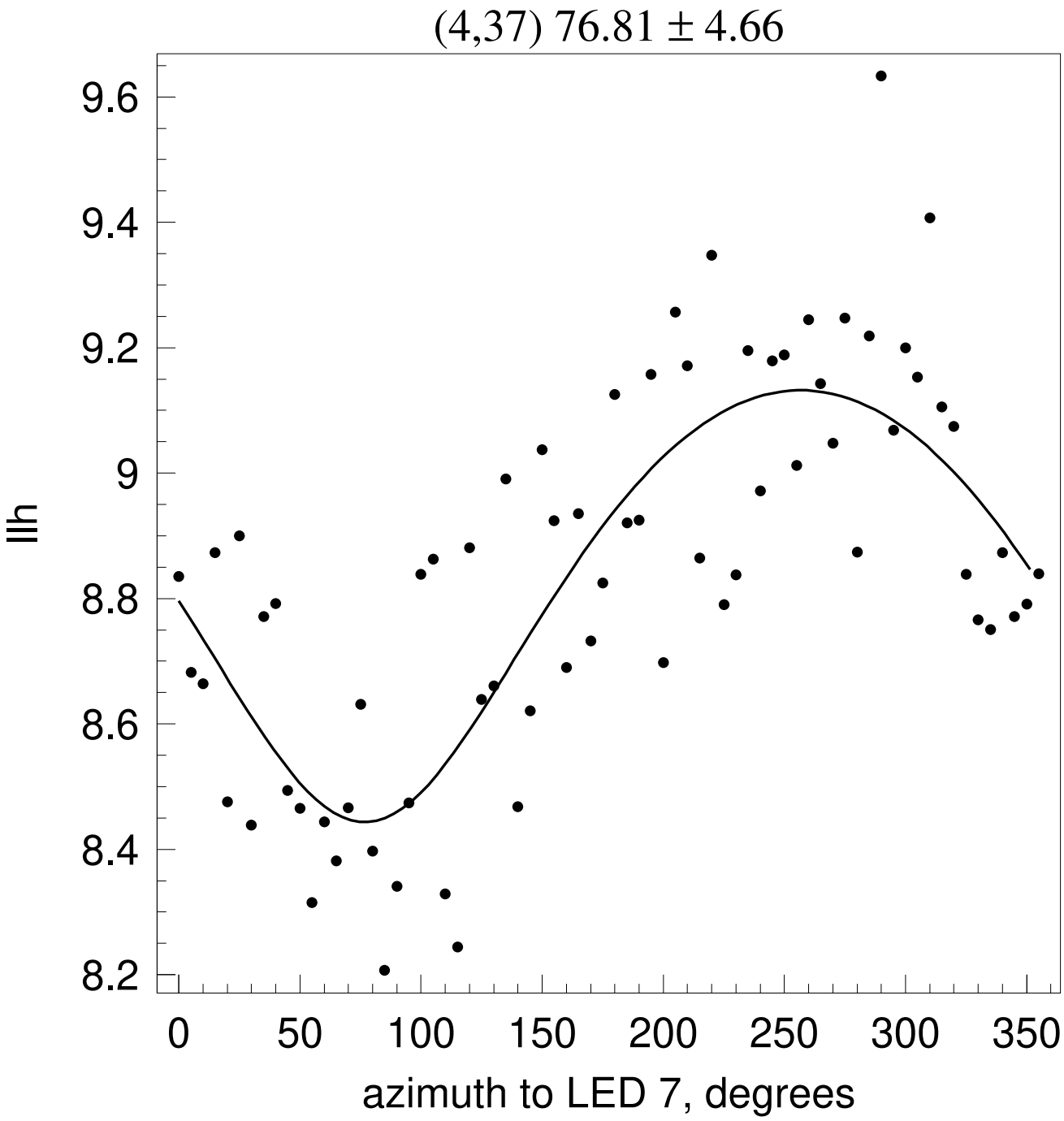

(4,32) 115.69 ± 0.17
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

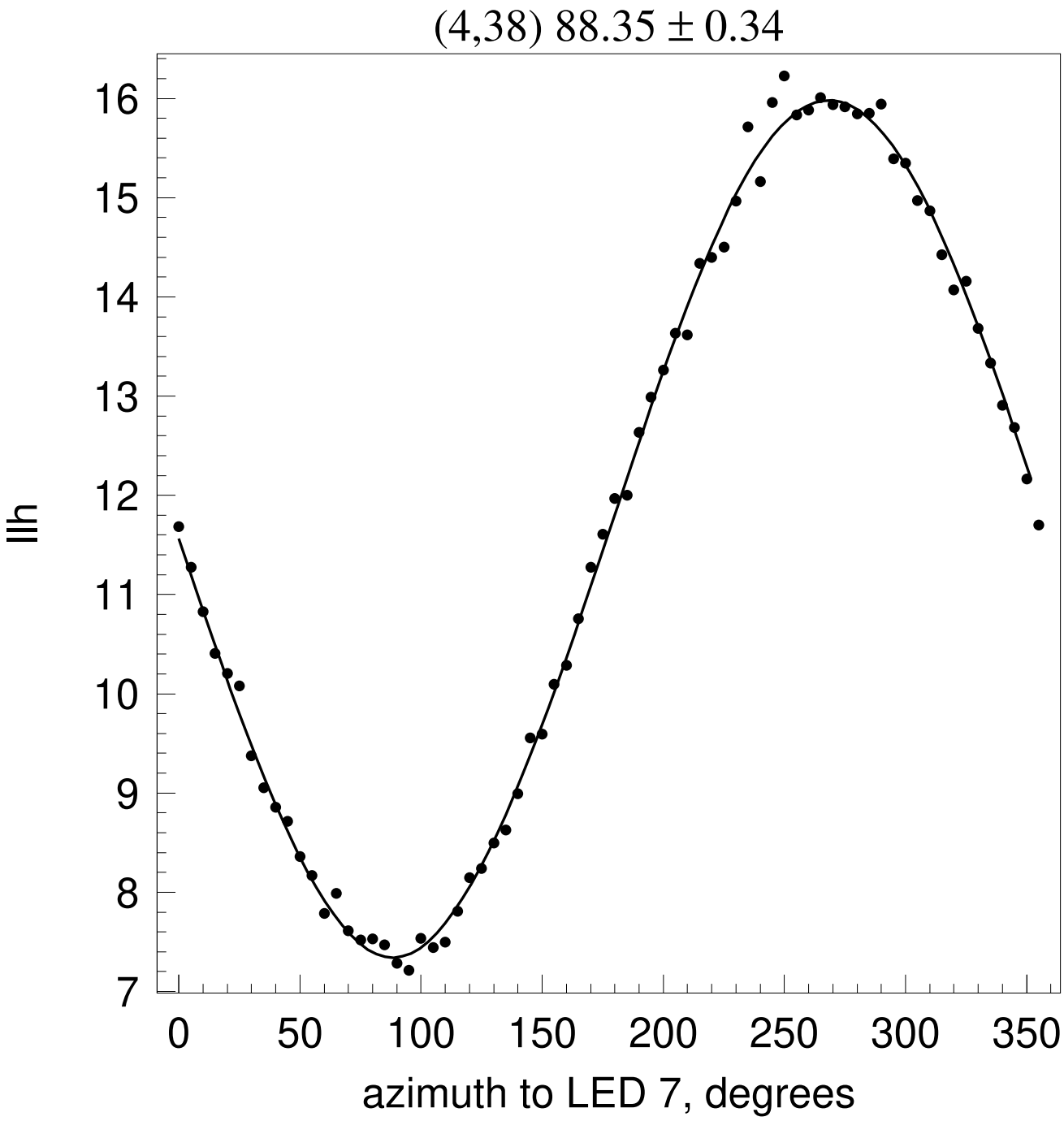

(4,33) 136.43 ± 1.10
11
10.5
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

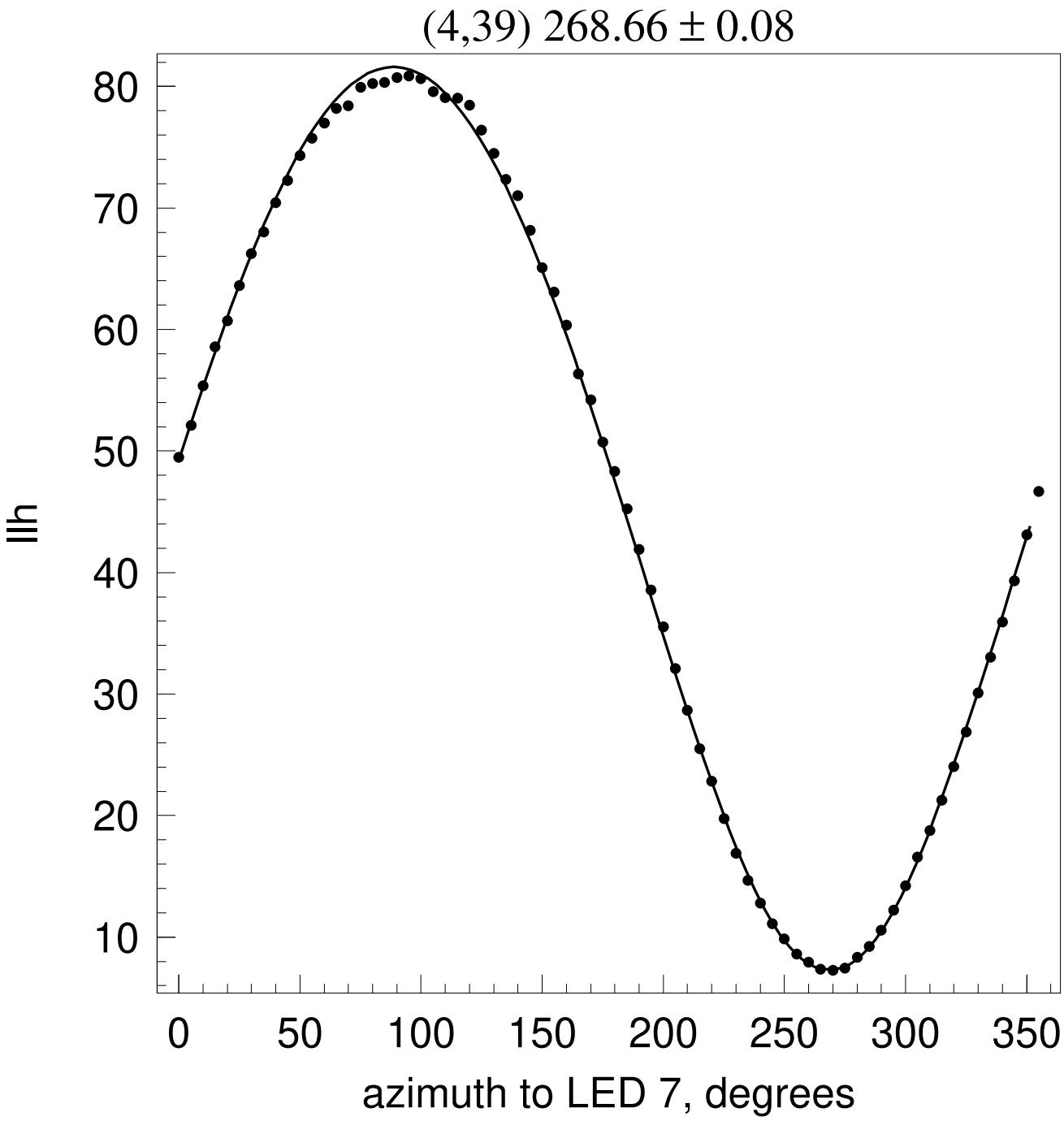

(4,34) 59.95 ± 1.90
11
10.5
10
9.5
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

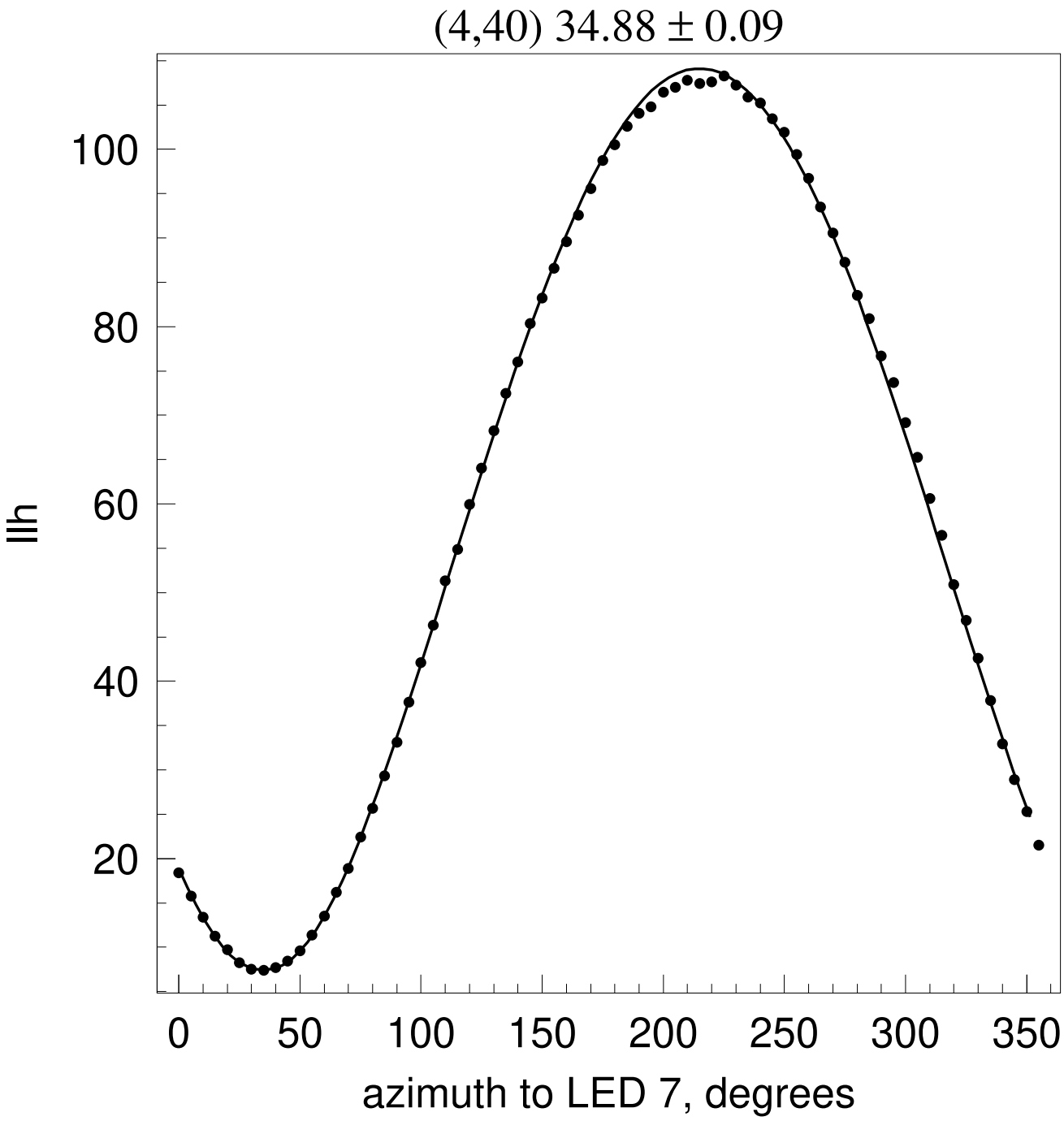

(4,35) 80.14 ± 0.00
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

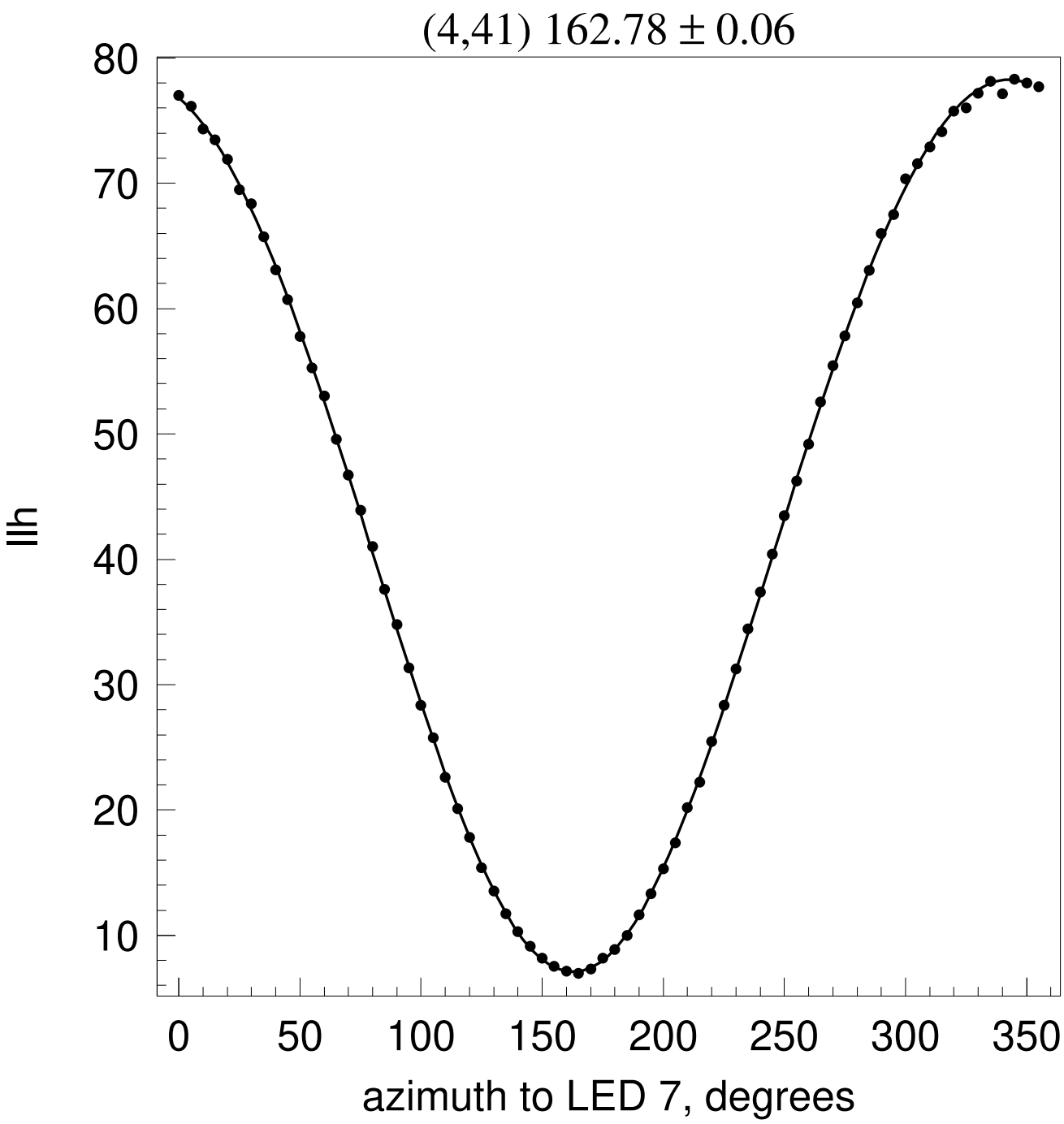

(4,36) 189.63 ± 0.01
8.4
8.2
8
7.8
7.6
7.4
7.2
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

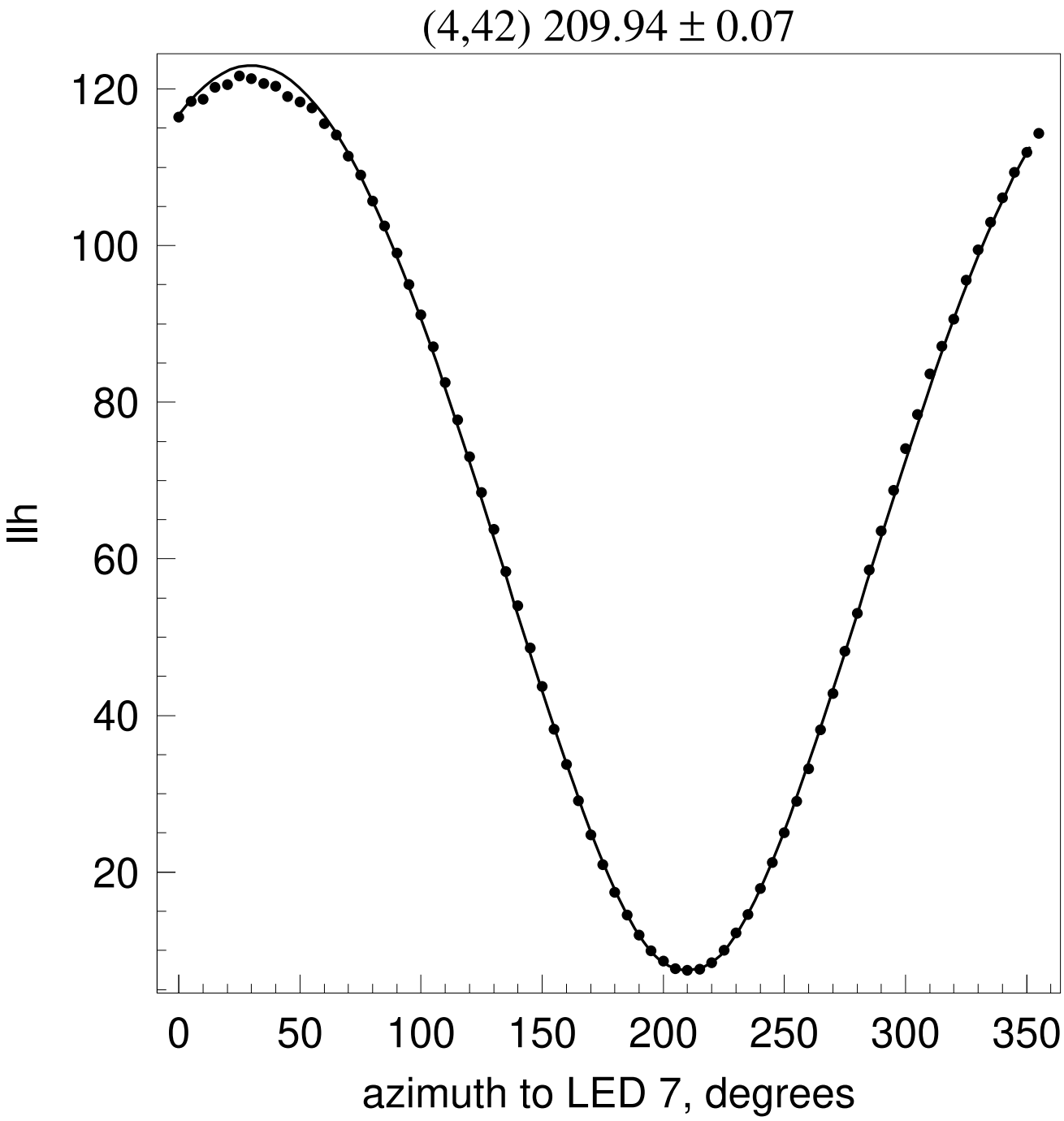

(4,37) 76.81 ± 4.66
9.6
9.4
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

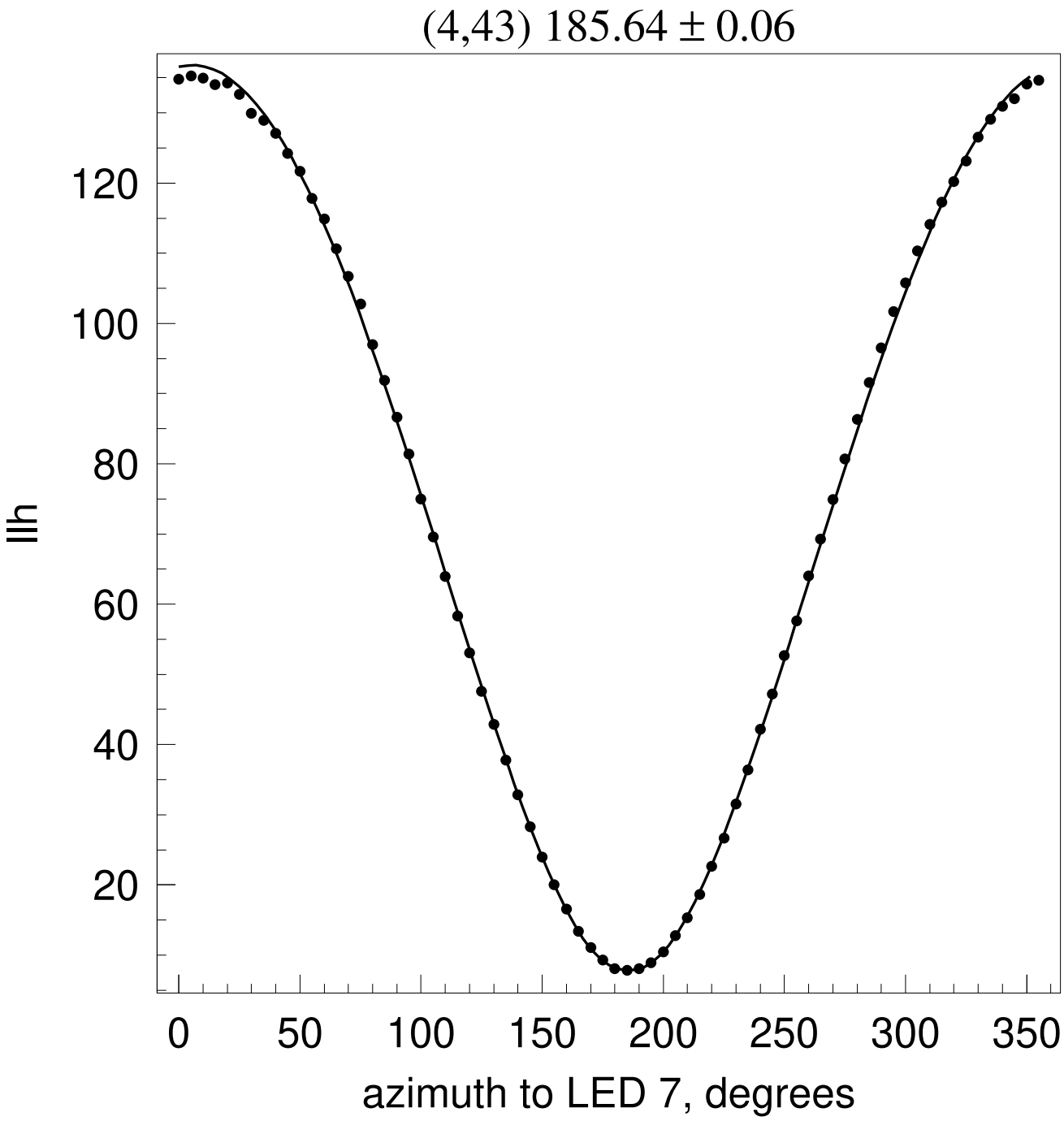

(4,38) 88.35 ± 0.34
16
15
14
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

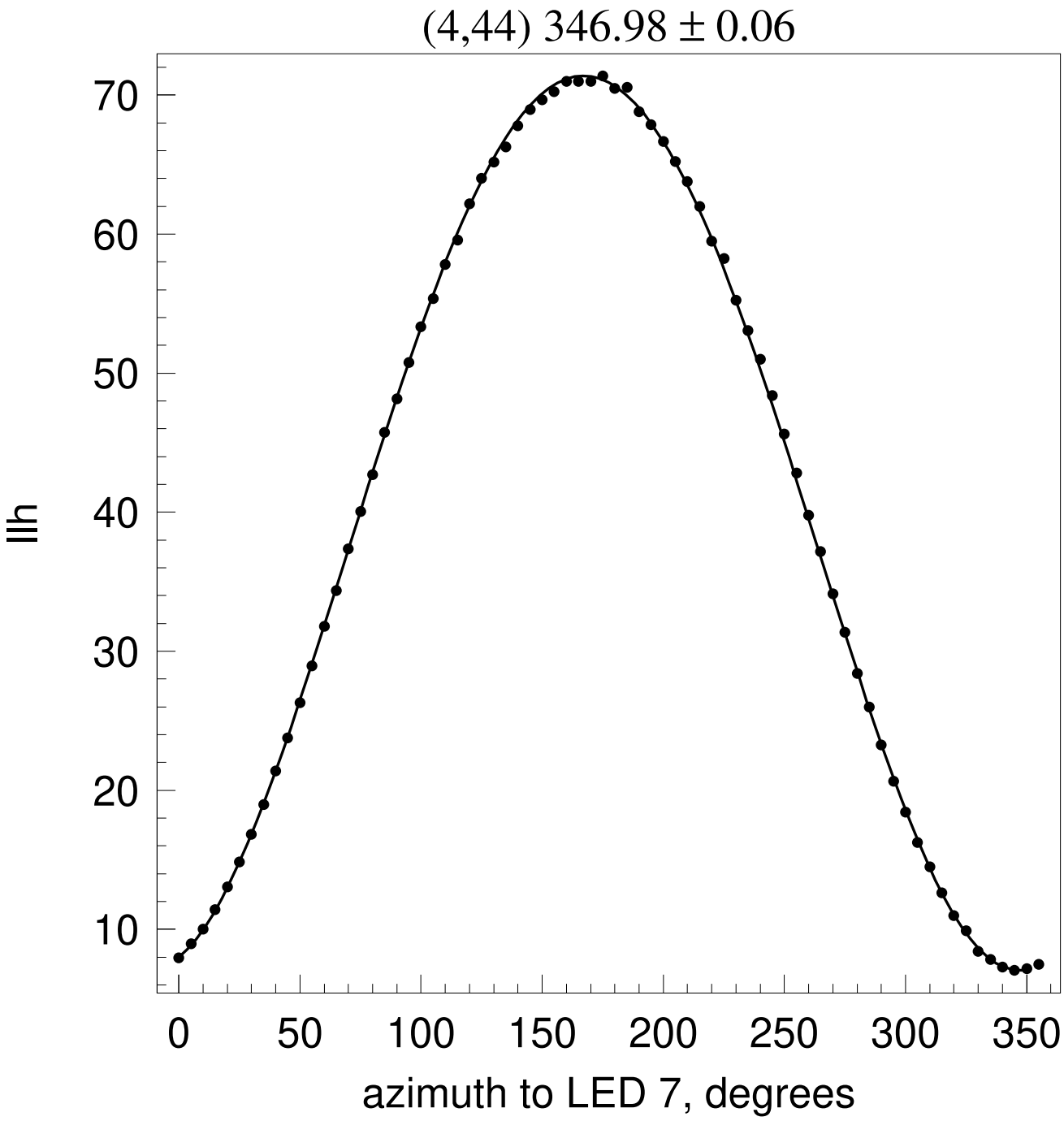

(4,39) 268.66 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

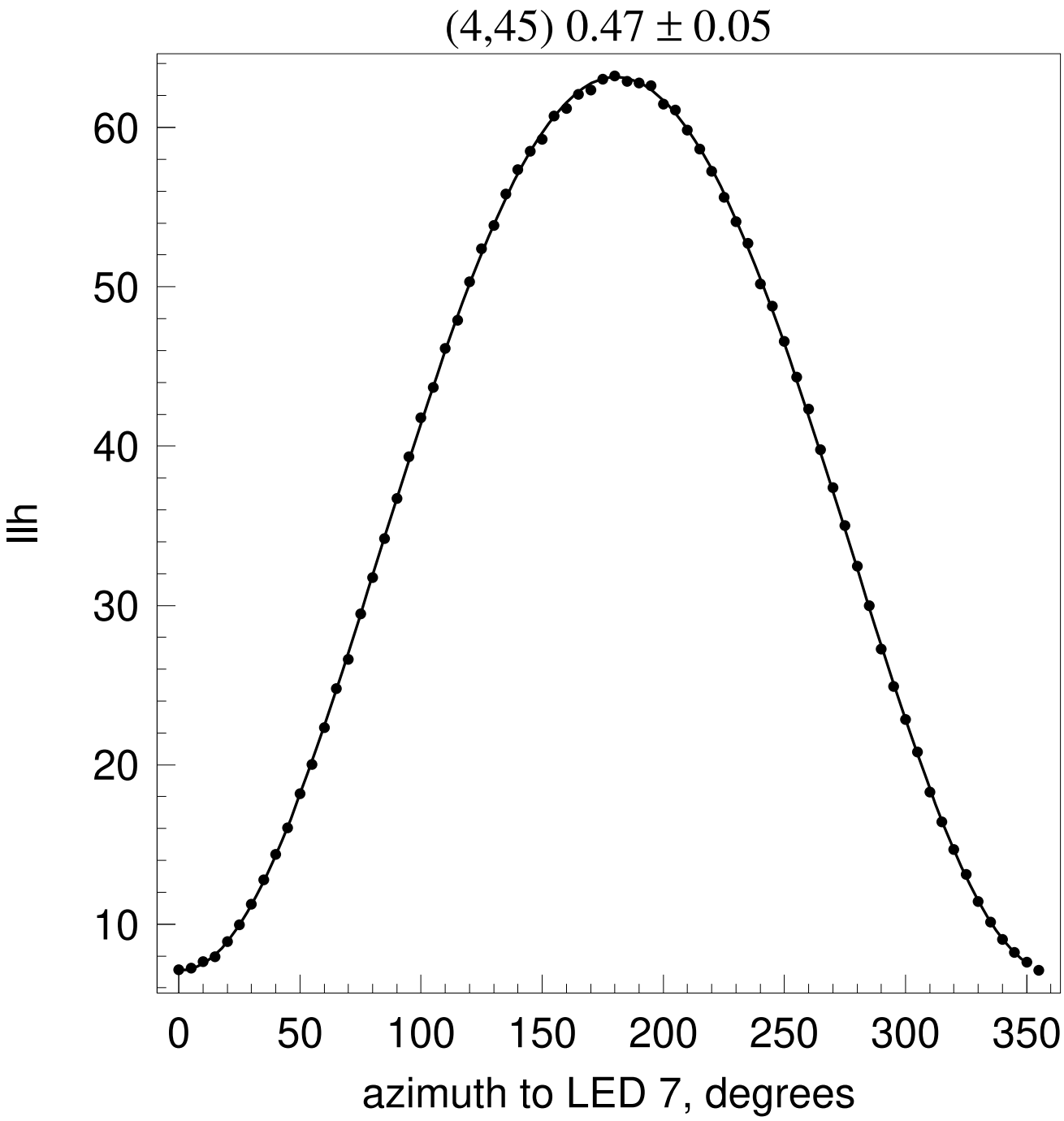

(4,40) 34.88 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

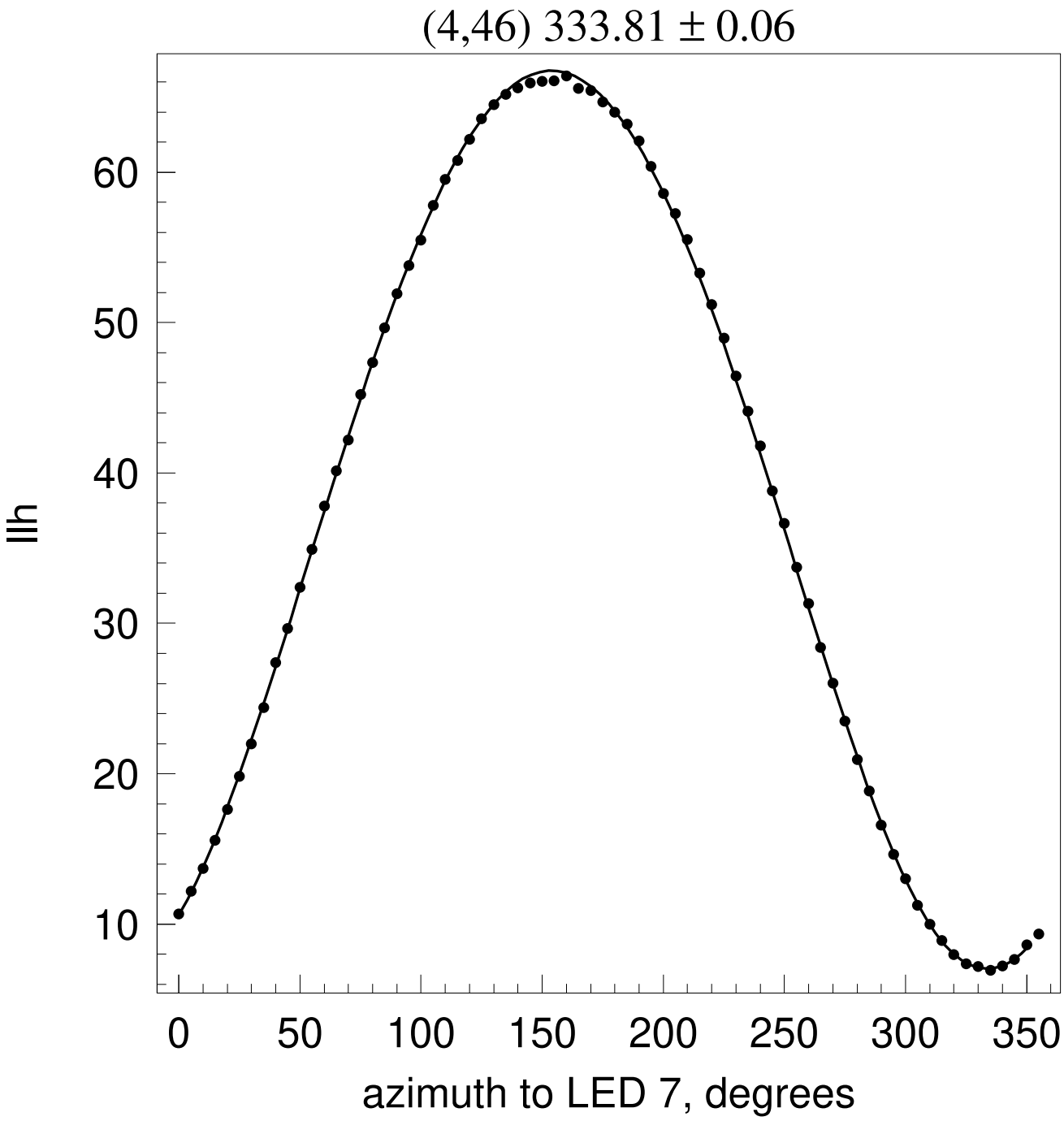

(4,41) 162.78 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

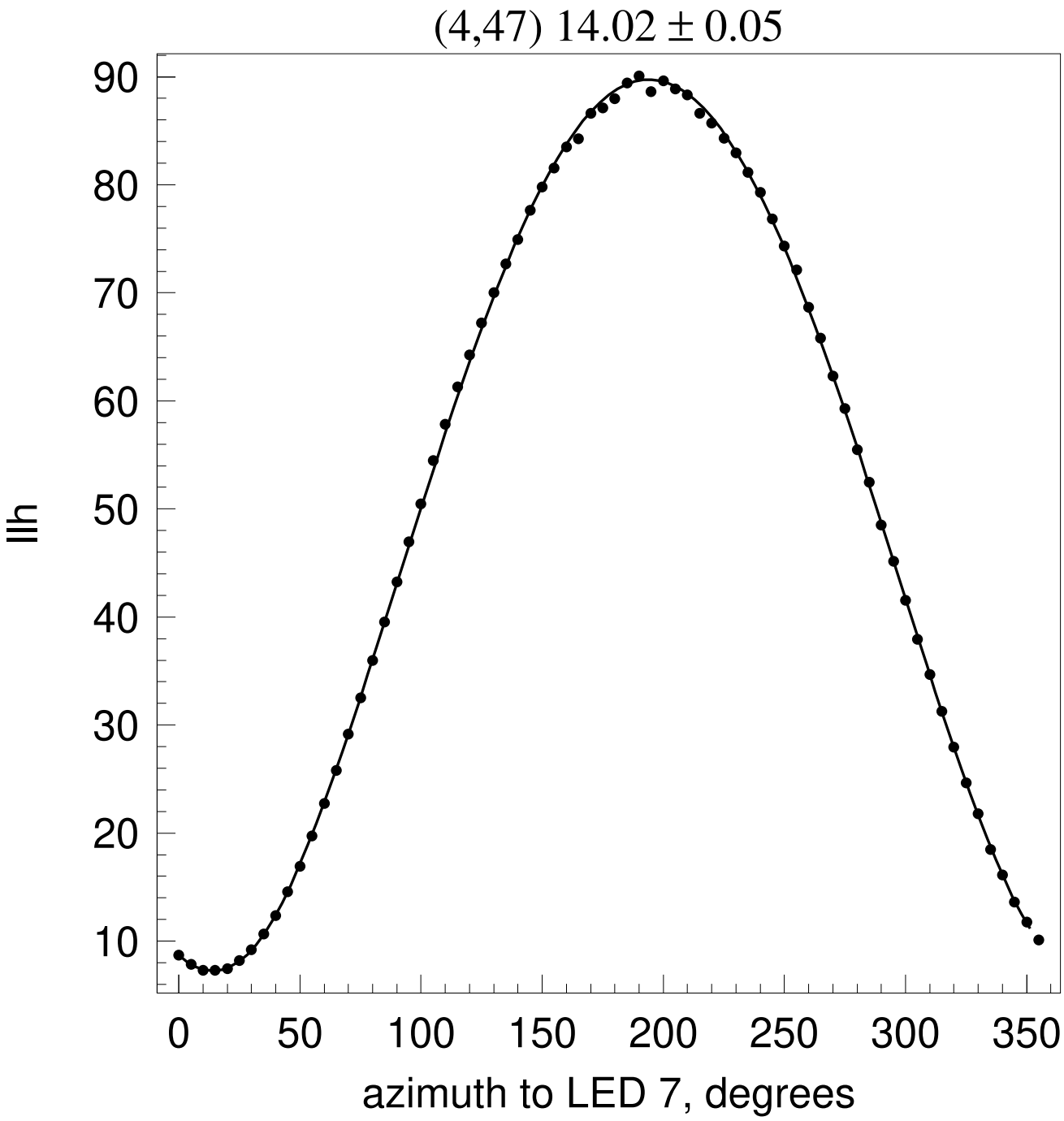

(4,42) 209.94 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

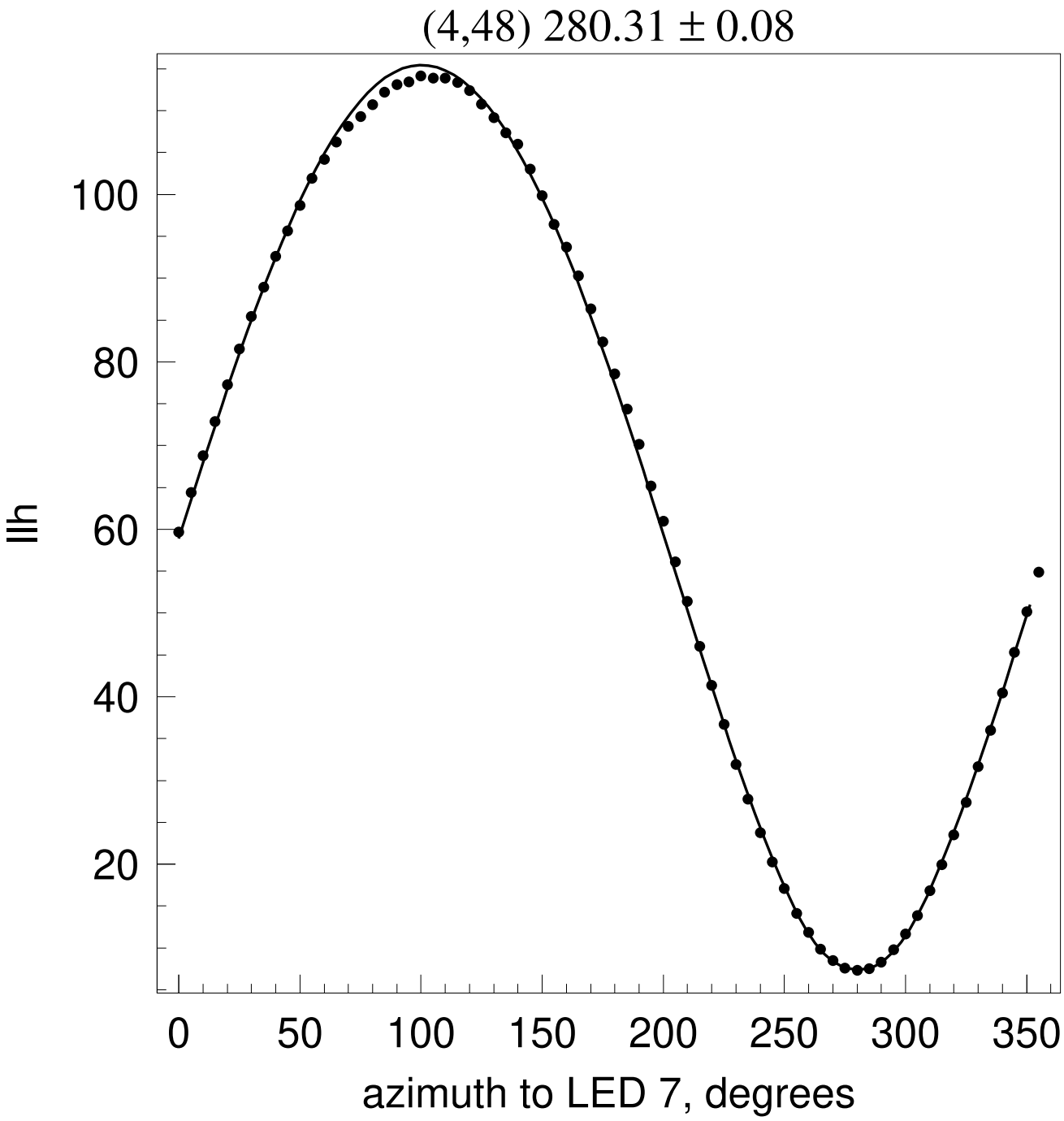

(4,43) 185.64 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

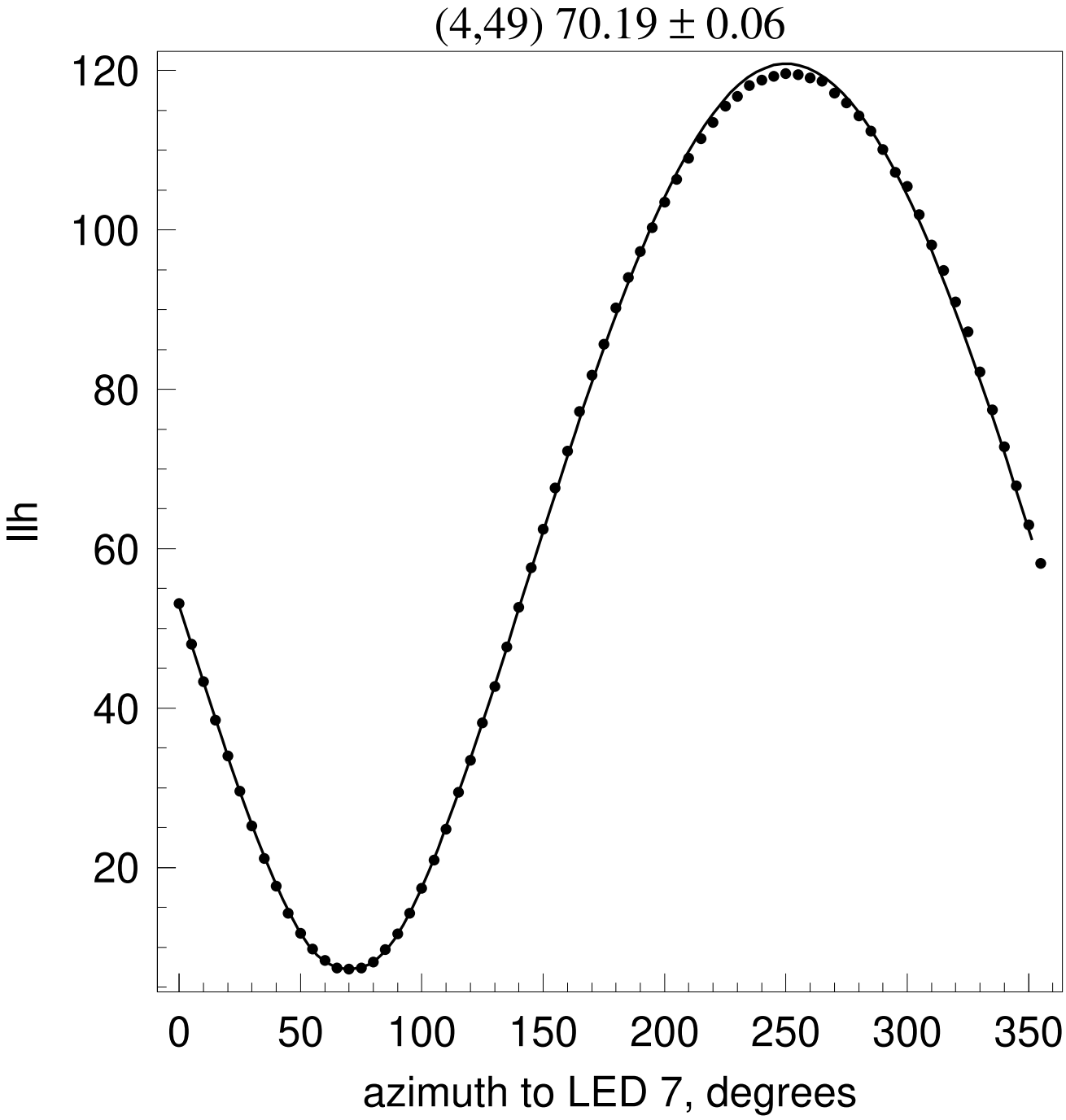

(4,44) 346.98 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

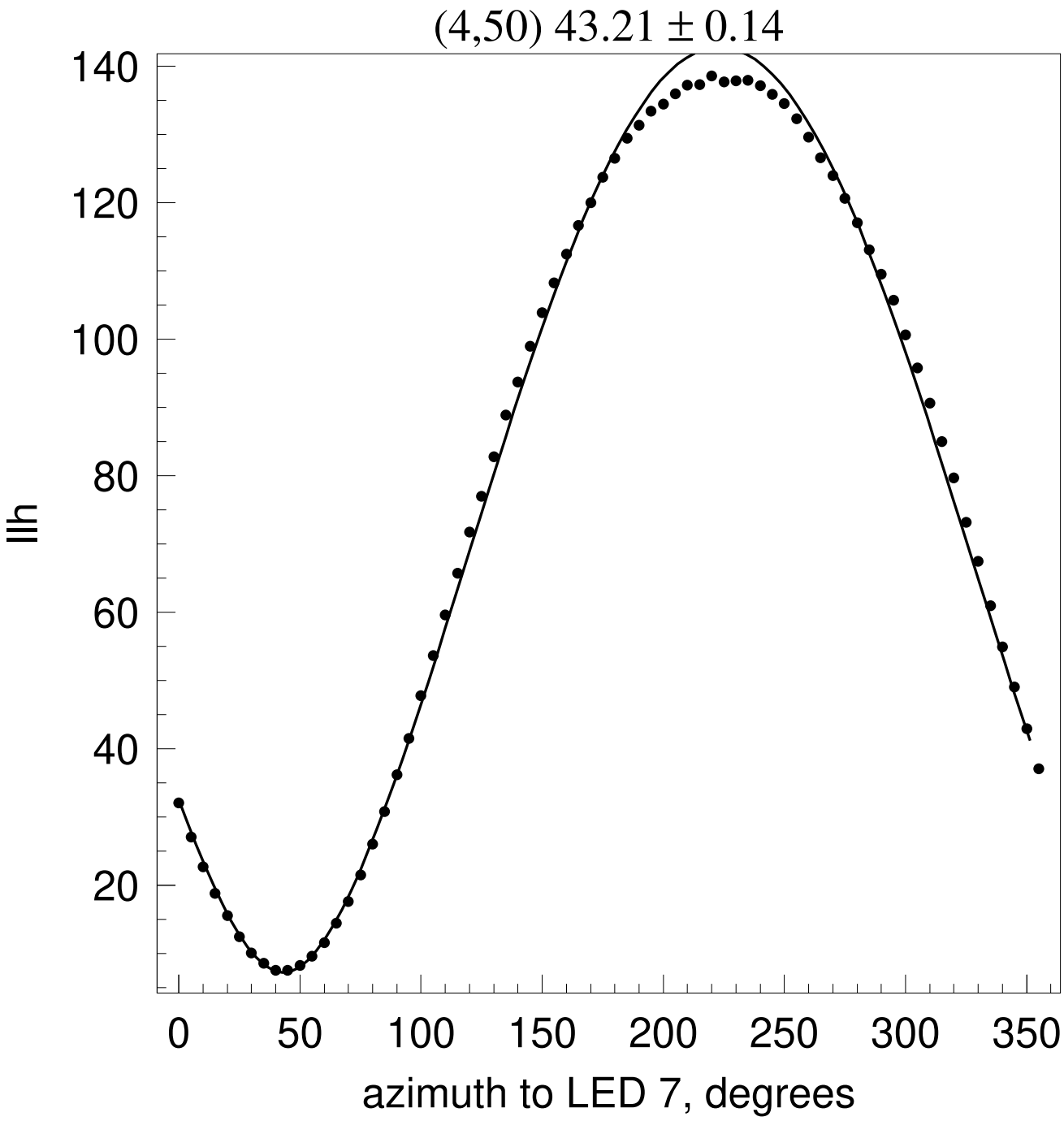

(4,45) 0.47 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

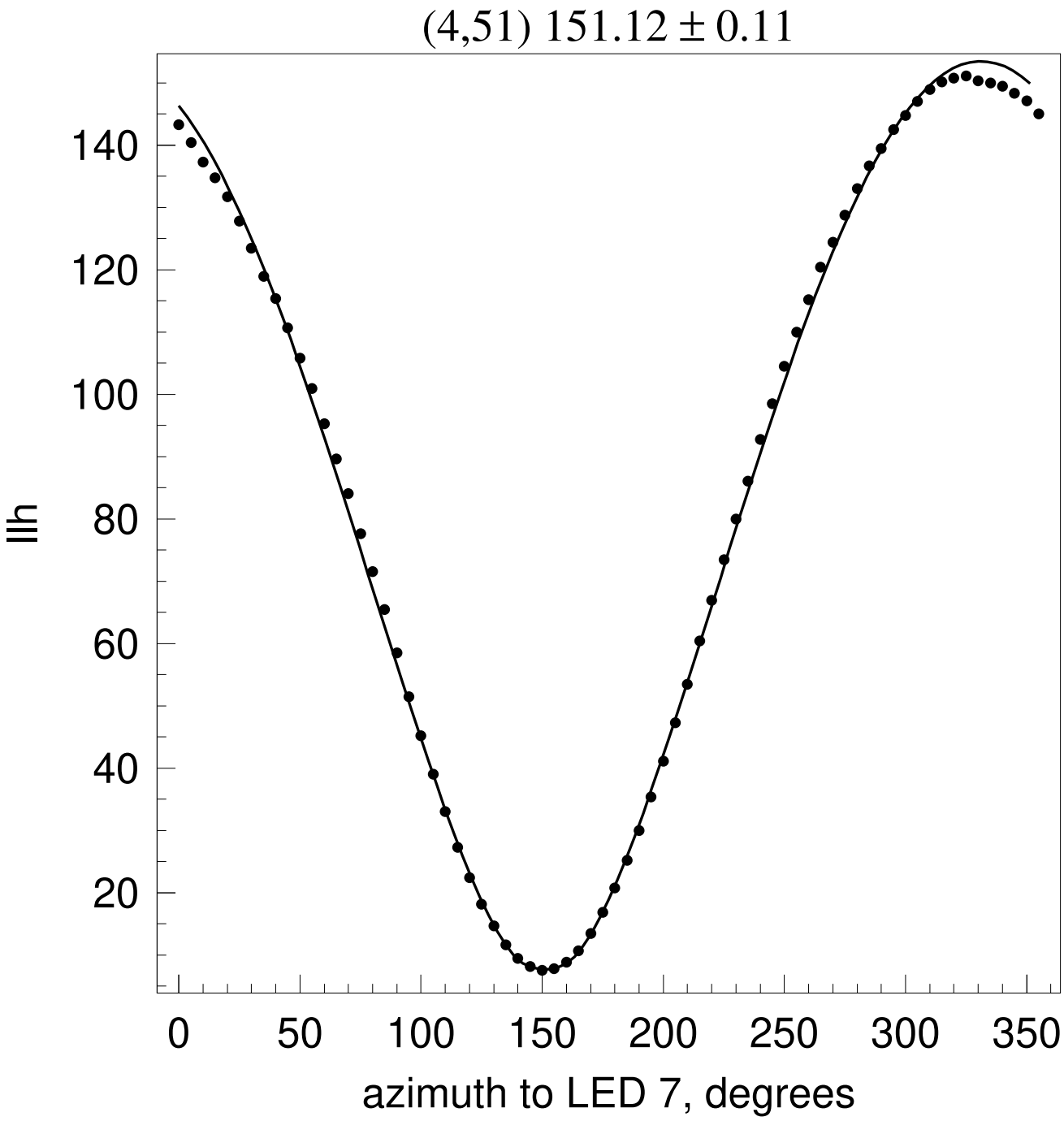

(4,46) 333.81 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

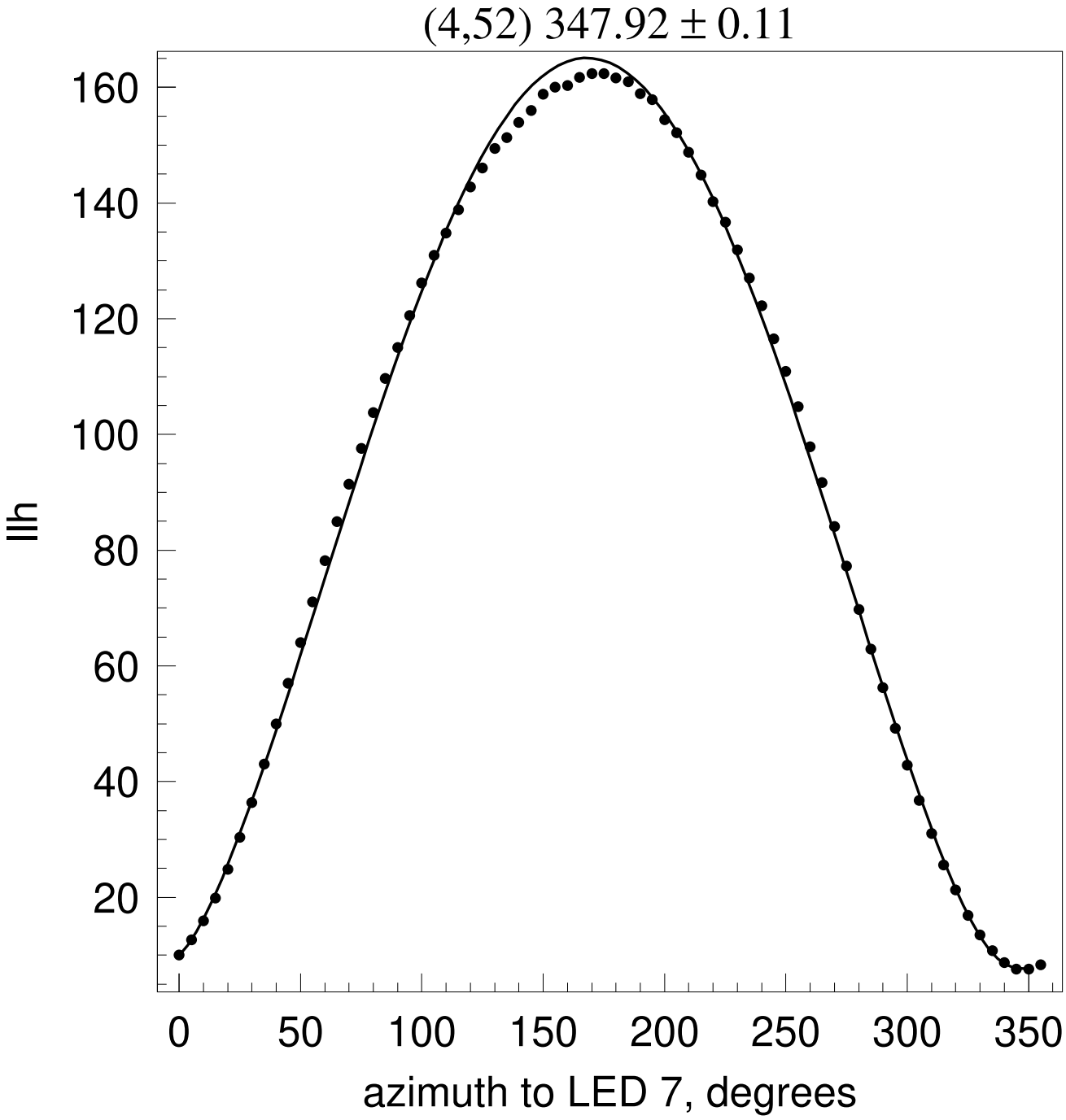

(4,47) 14.02 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

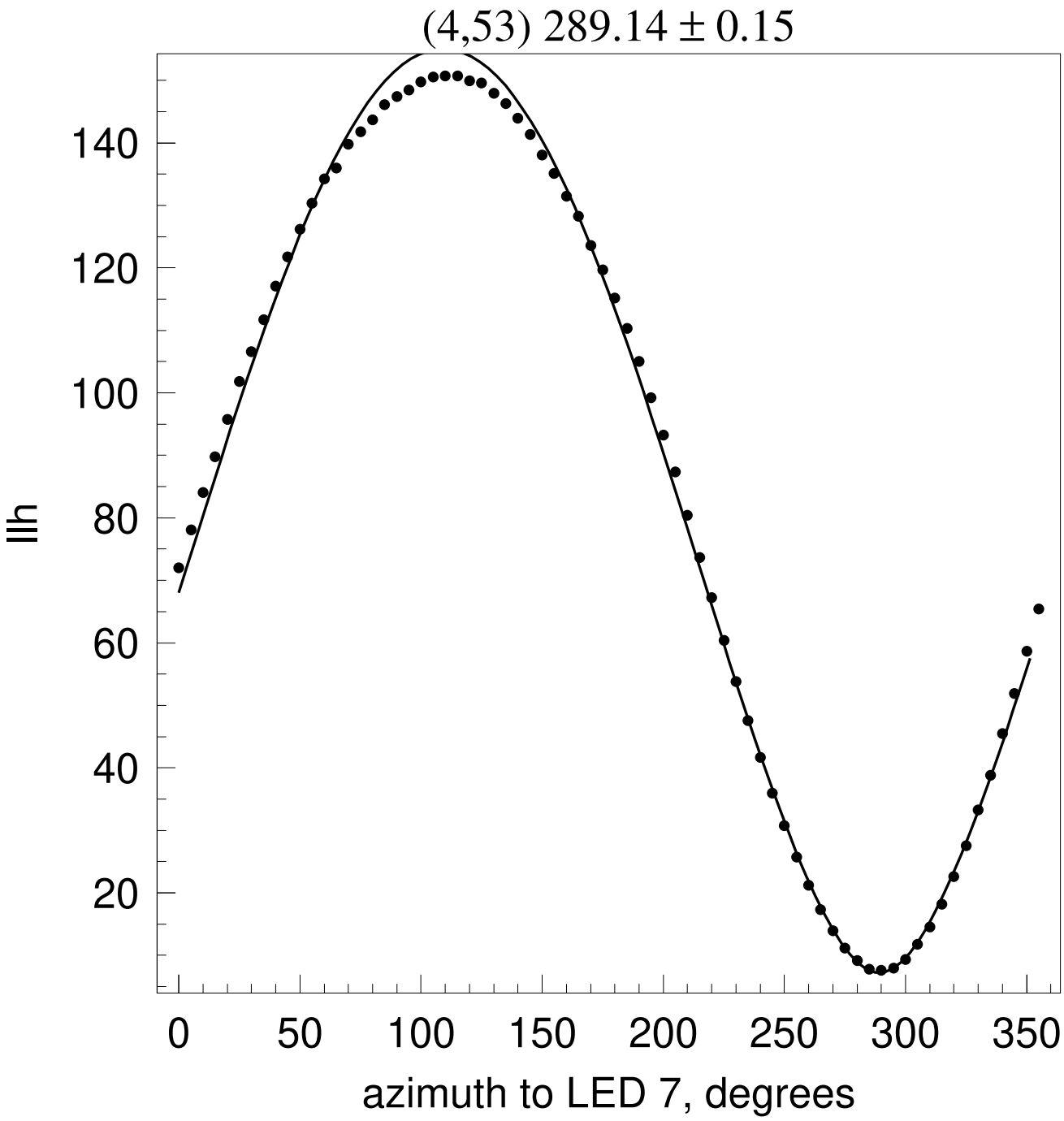

(4,48) 280.31 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

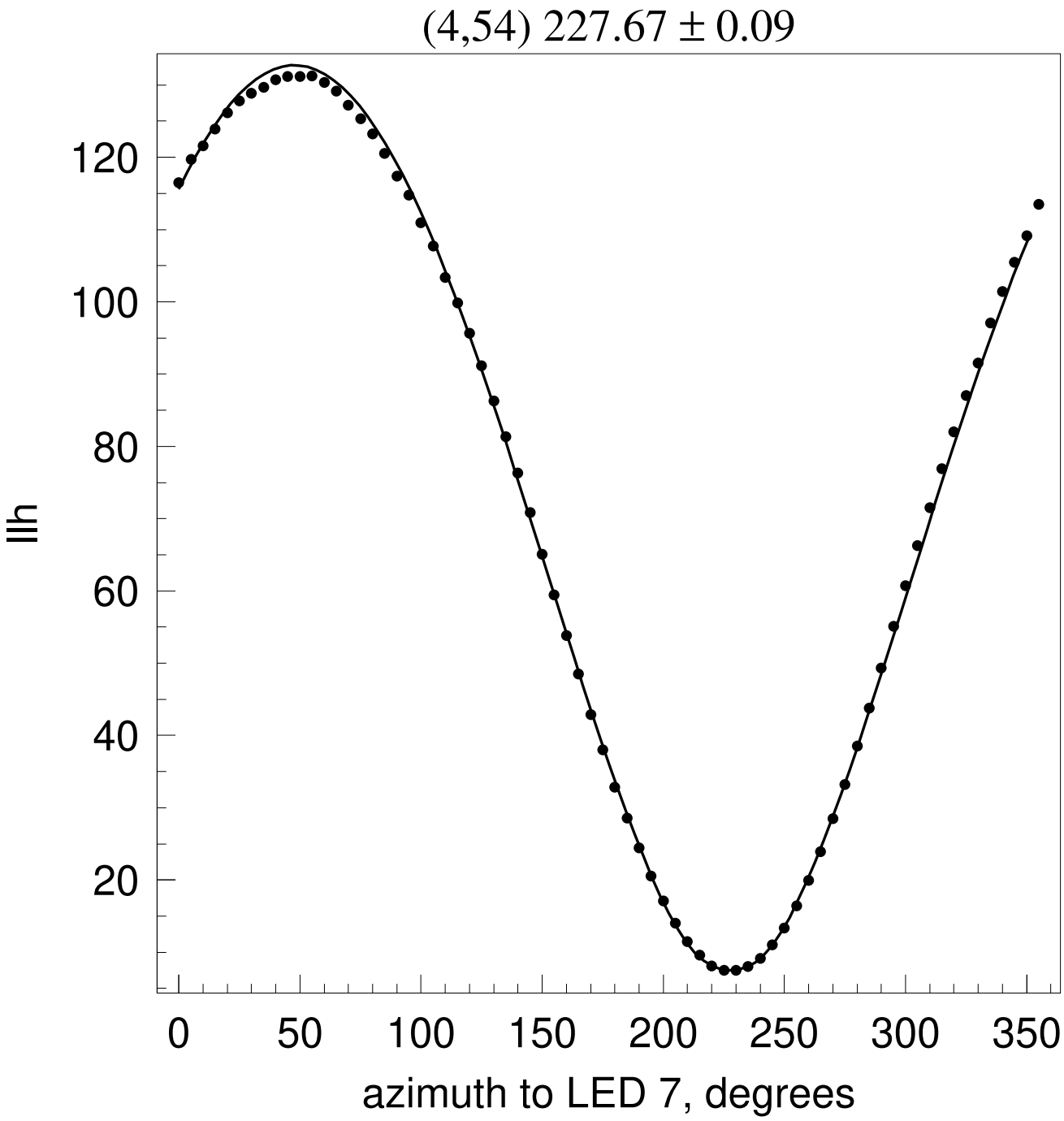

(4,49) 70.19 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

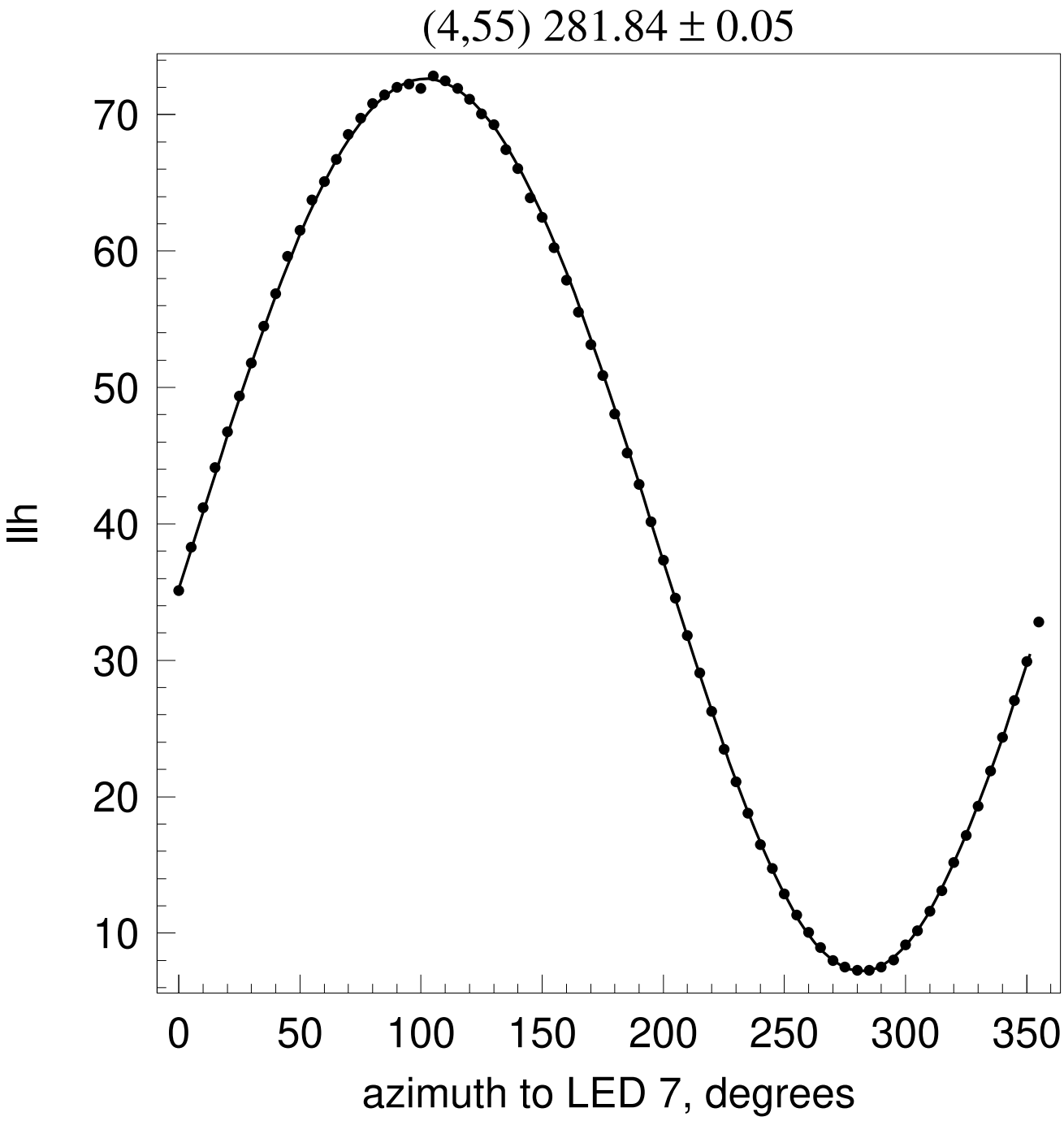

(4,50) 43.21 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

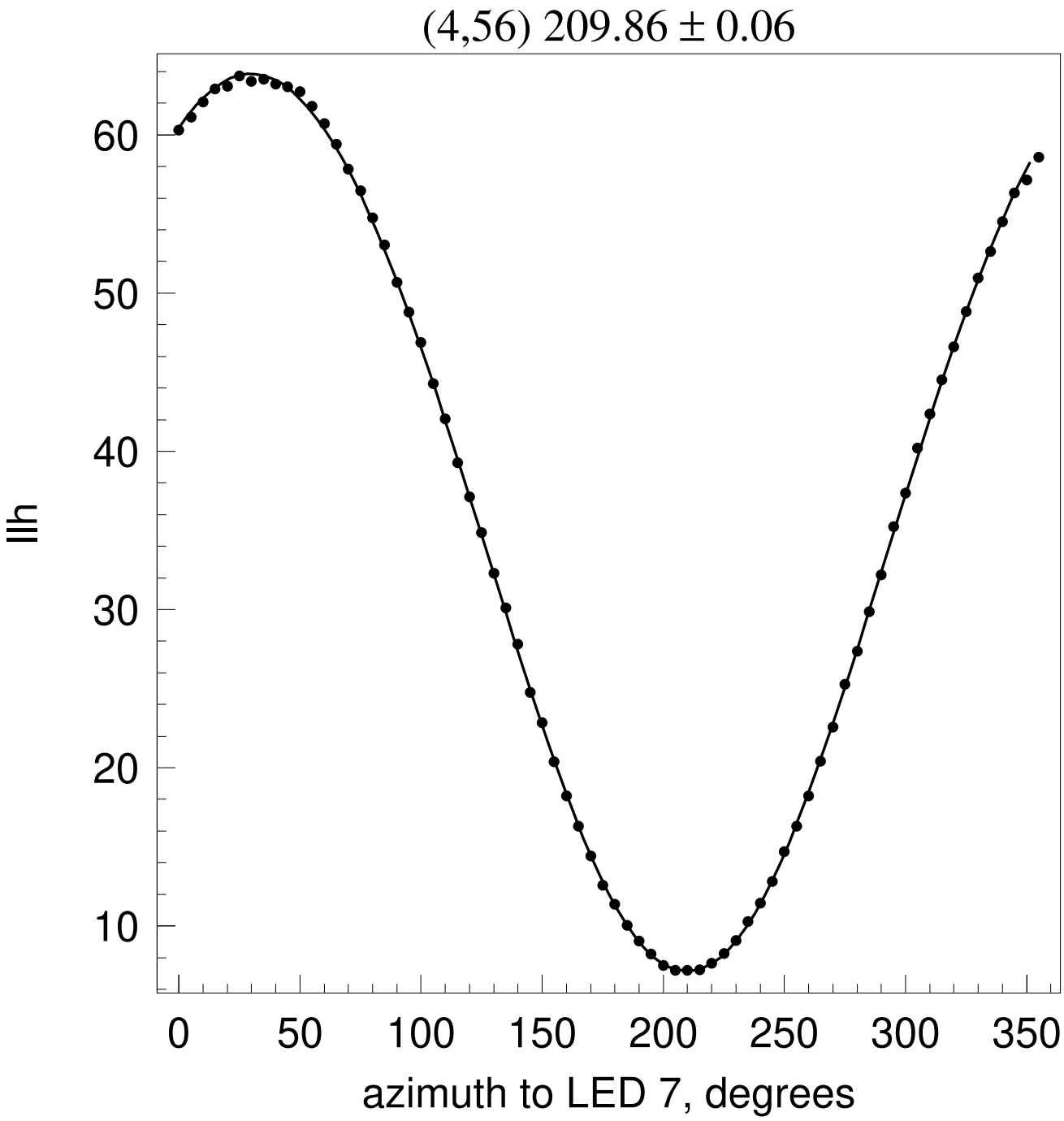

(4,51) 151.12 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

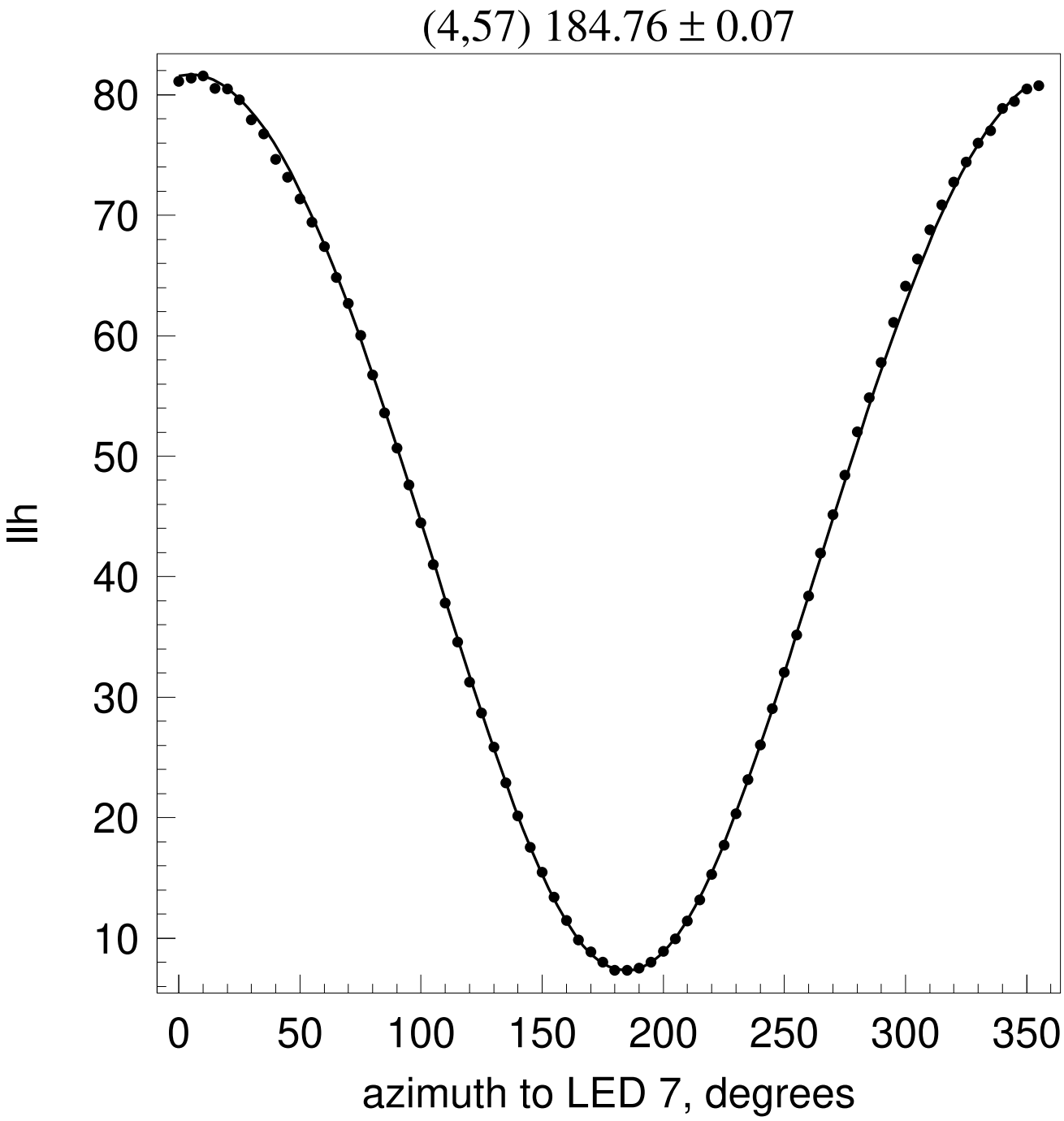

(4,52) 347.92 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

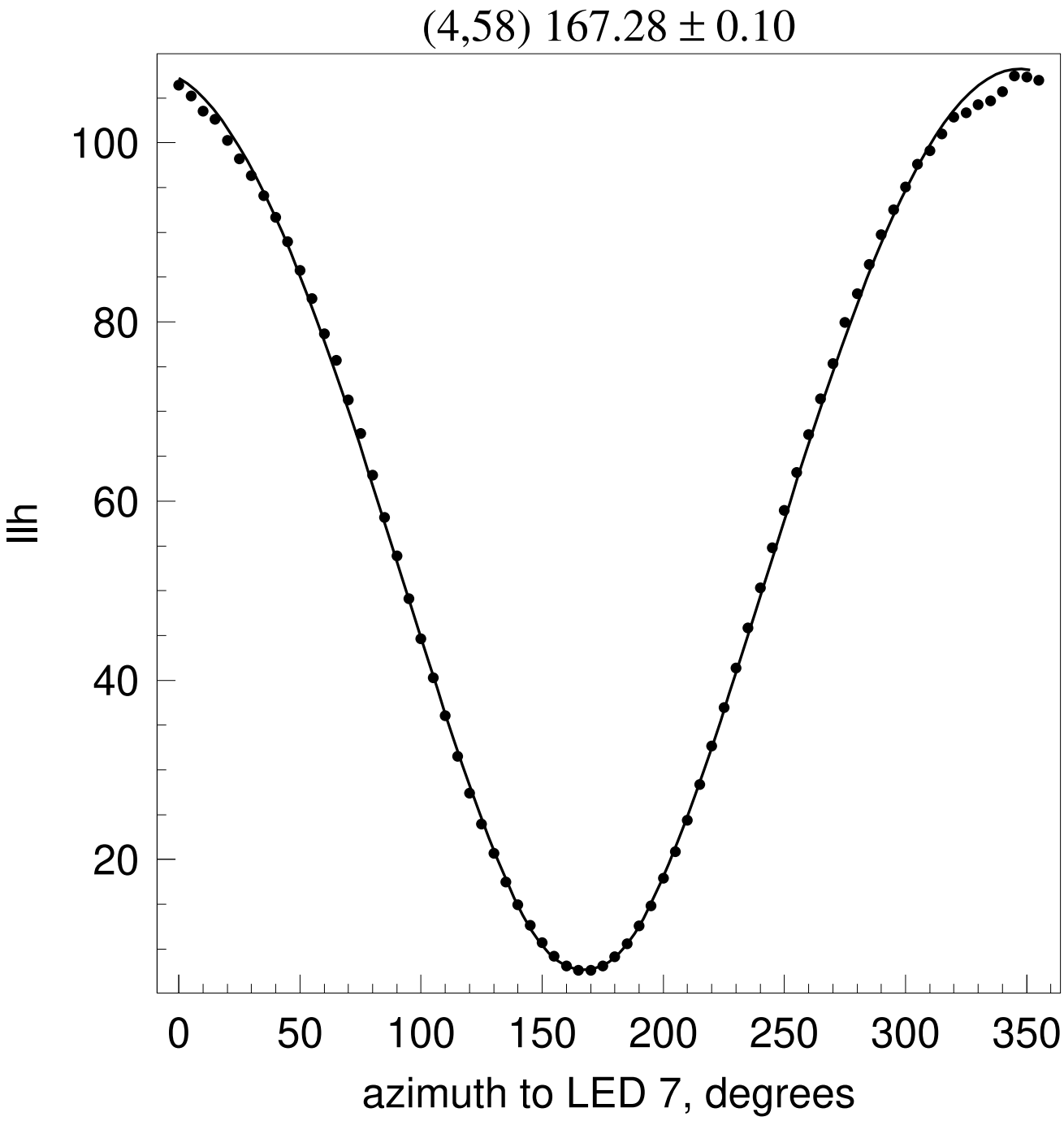

(4,53) 289.14 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

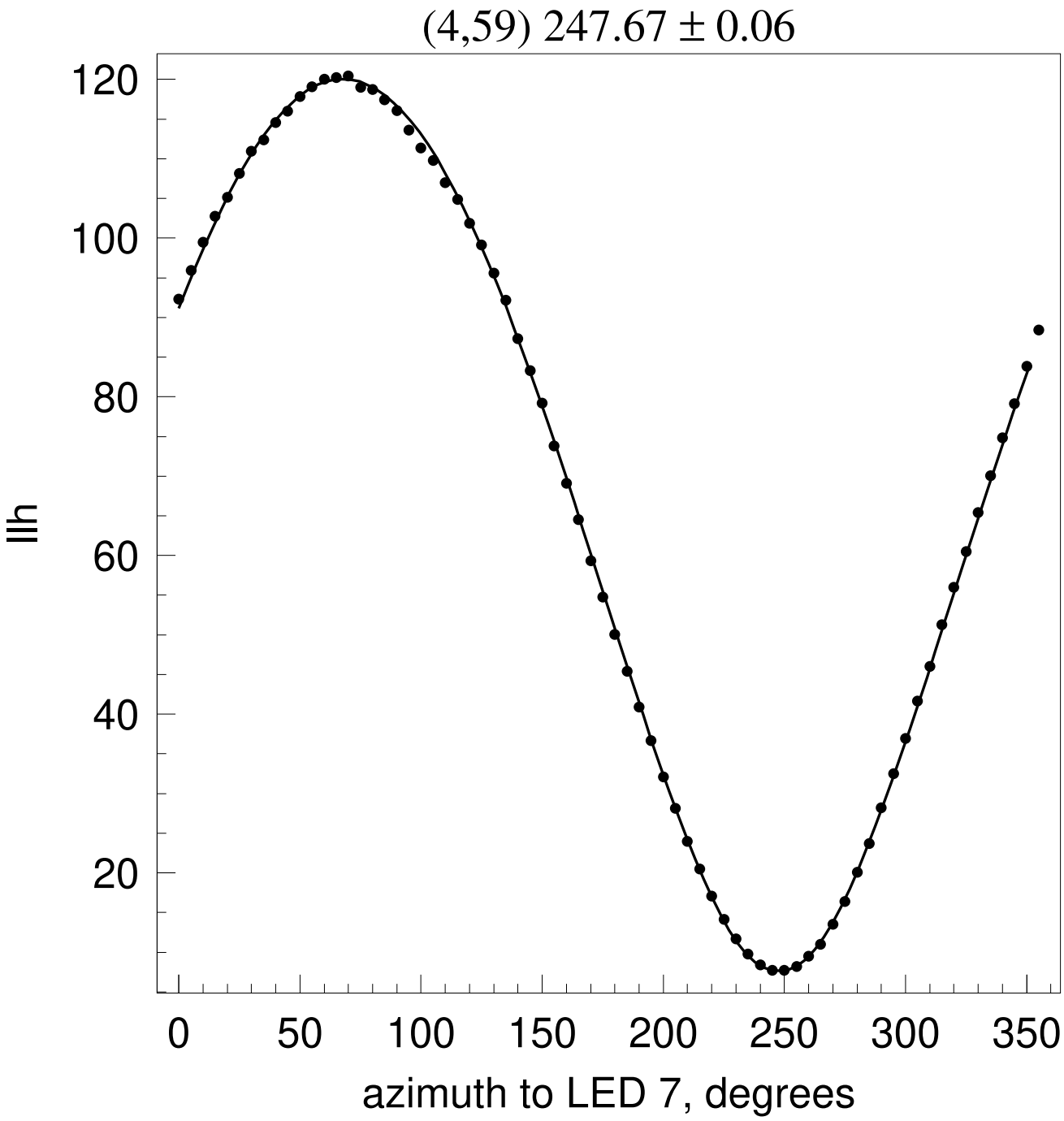

(4,54) 227.67 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

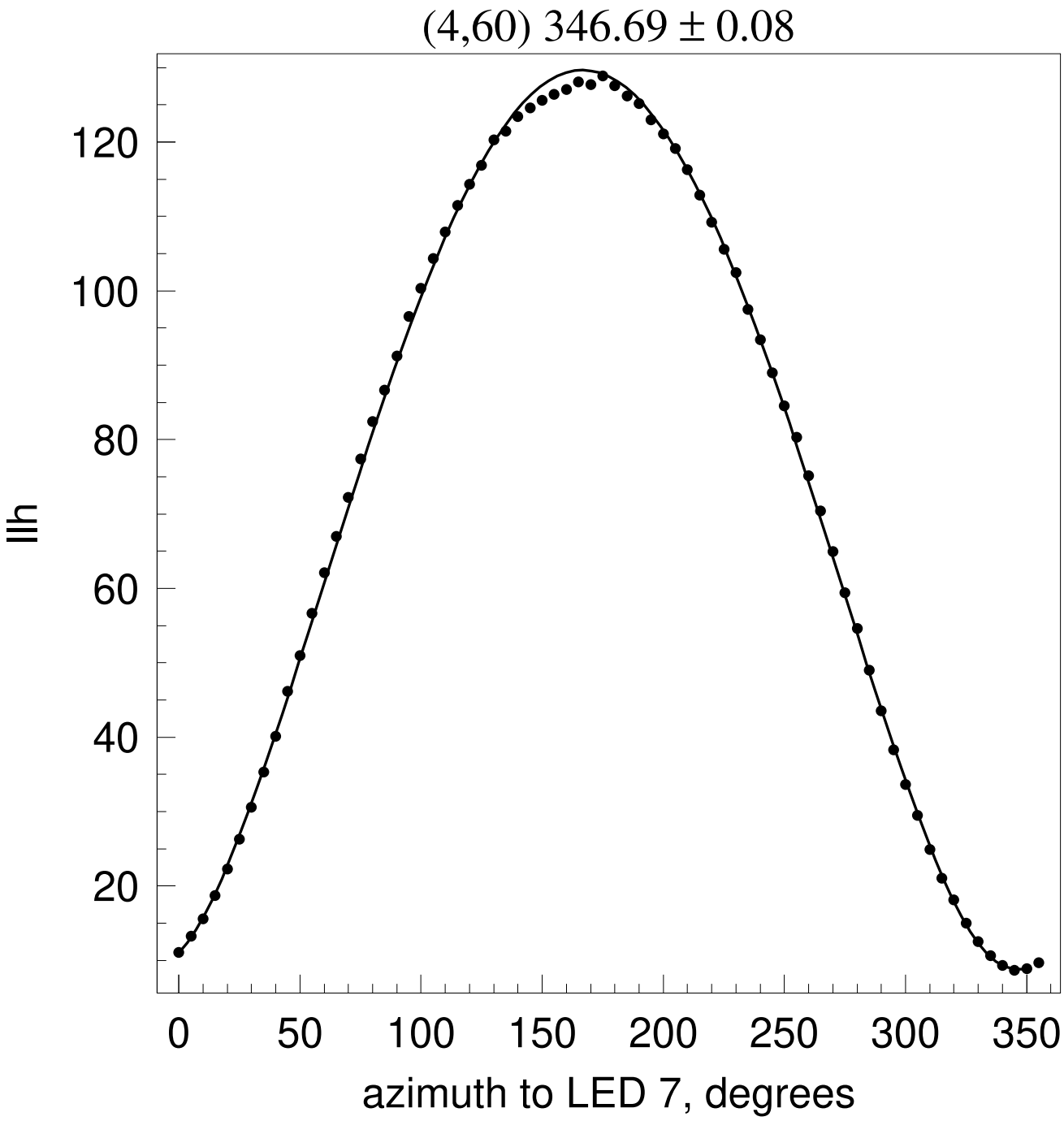

(4,55) 281.84 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

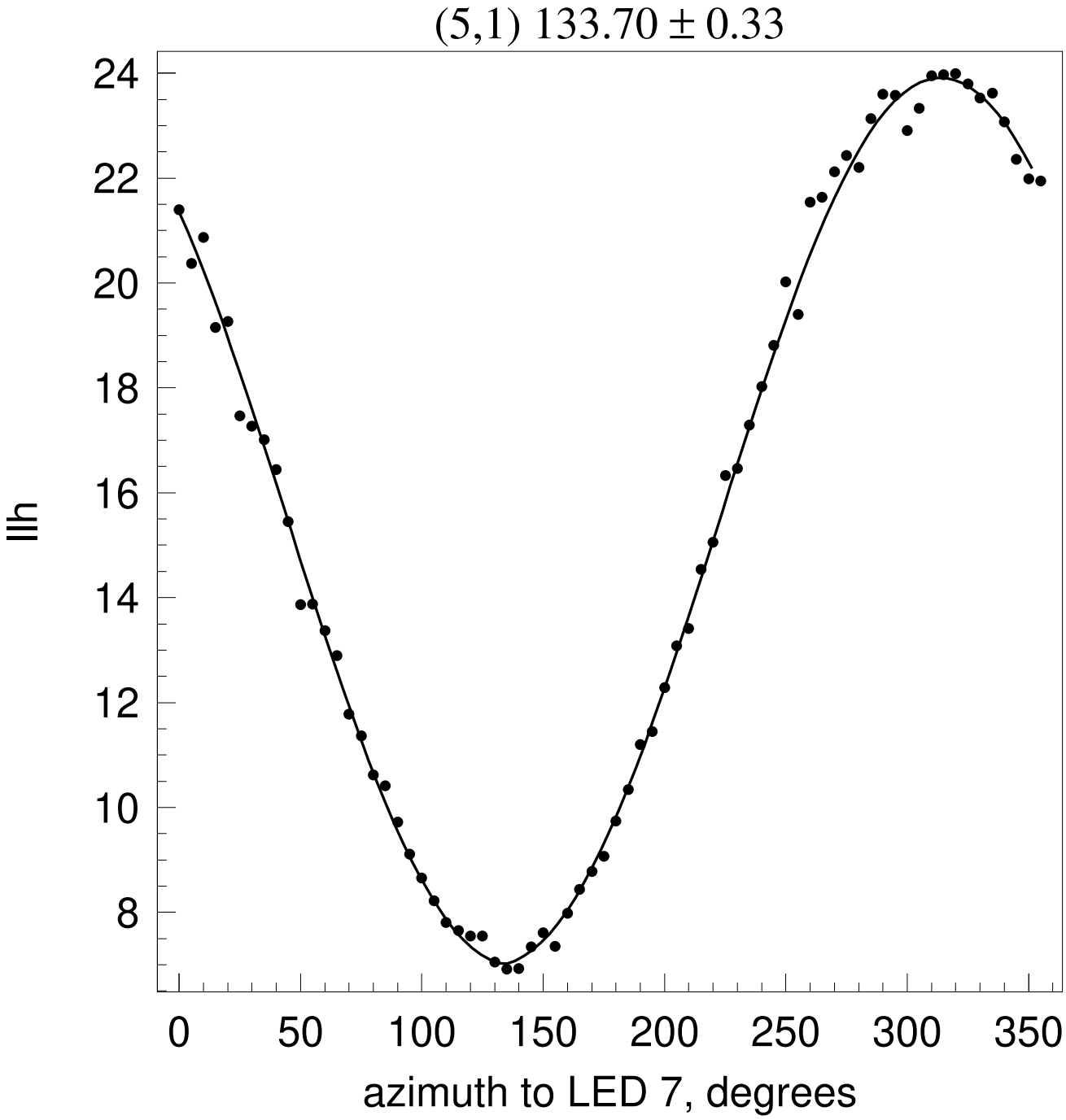

(4,56) 209.86 ± 0.06
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

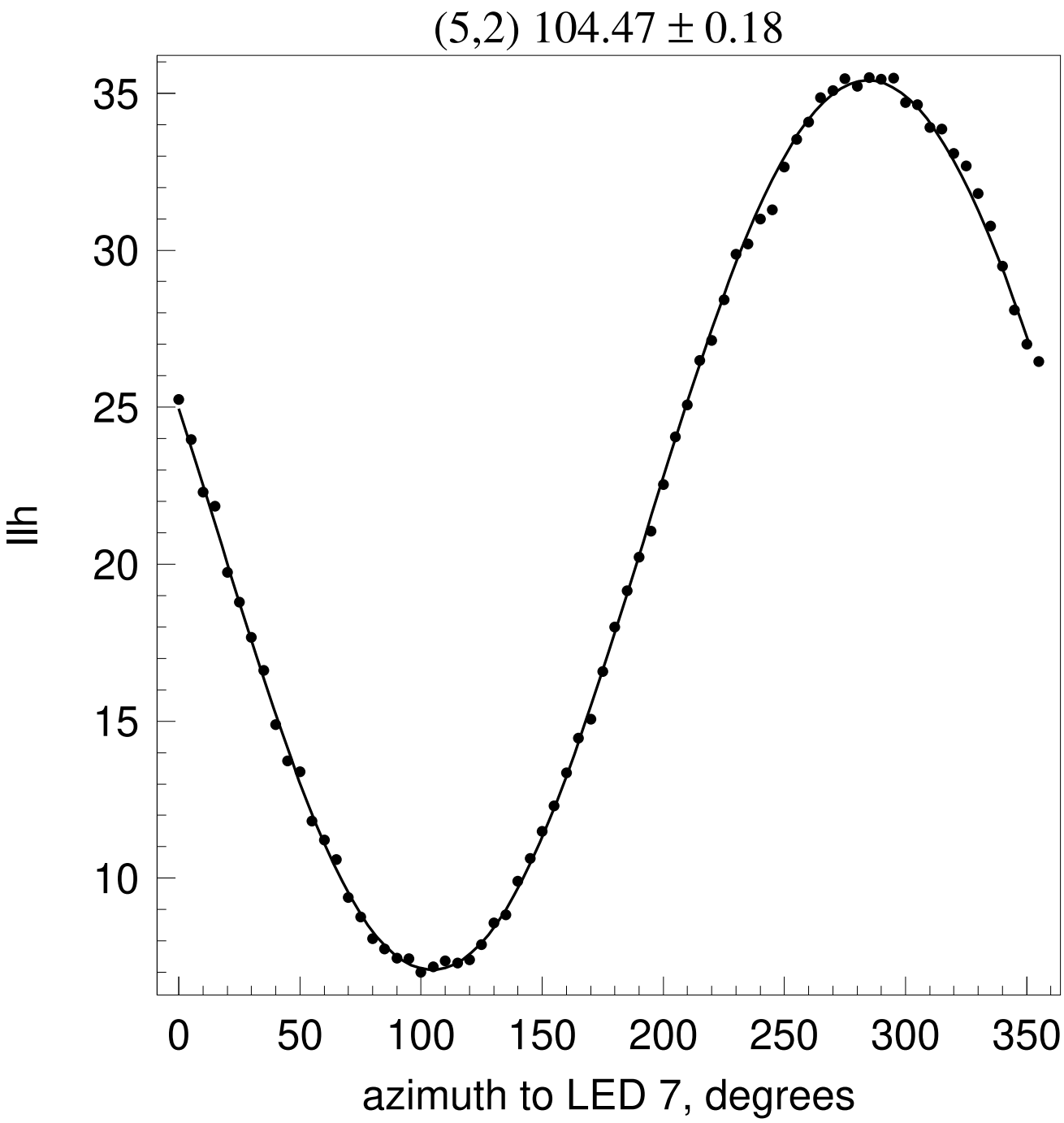

(4,57) 184.76 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

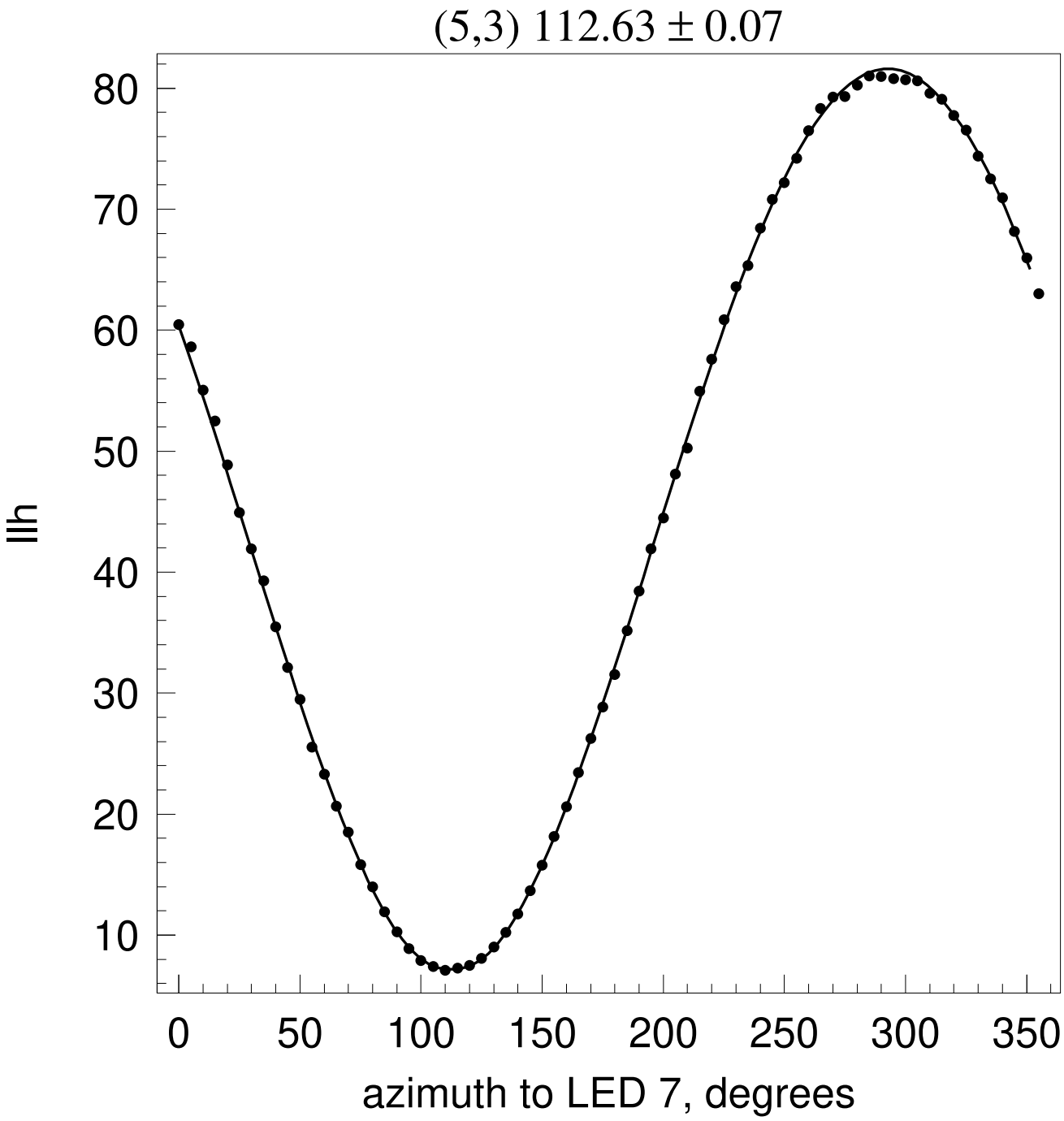

(4,58) 167.28 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

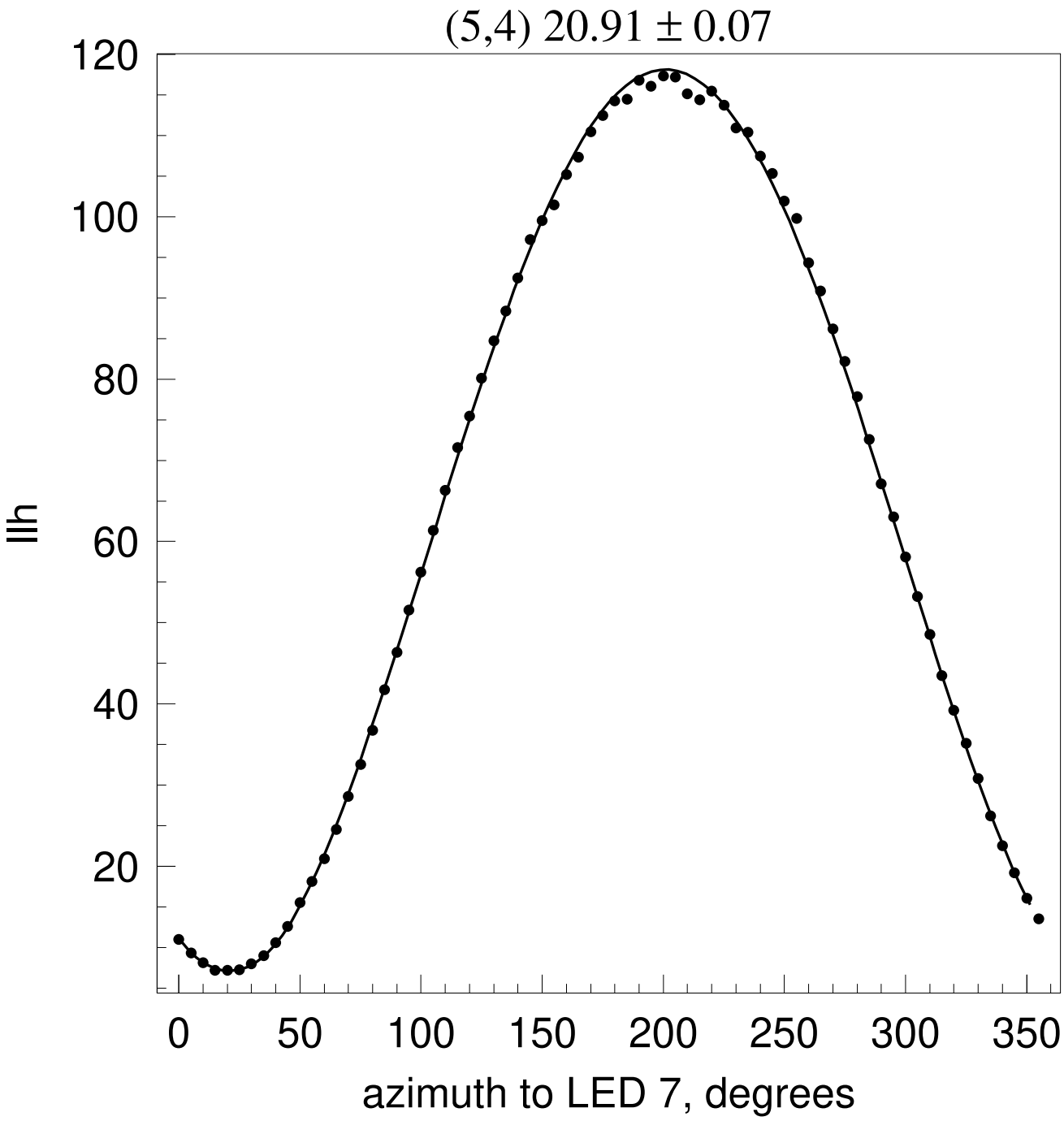

(4,59) 247.67 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

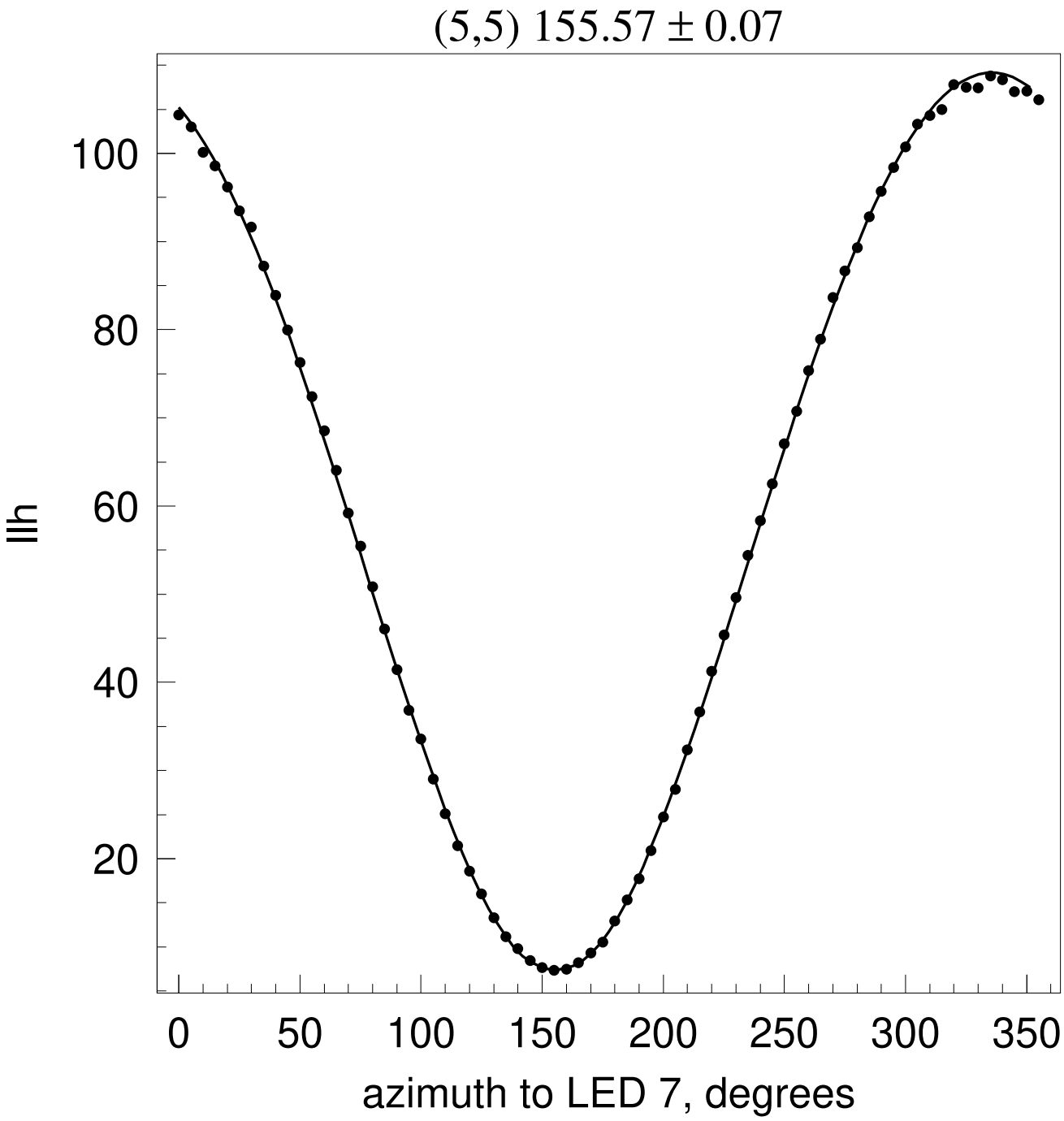

(4,60) 346.69 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

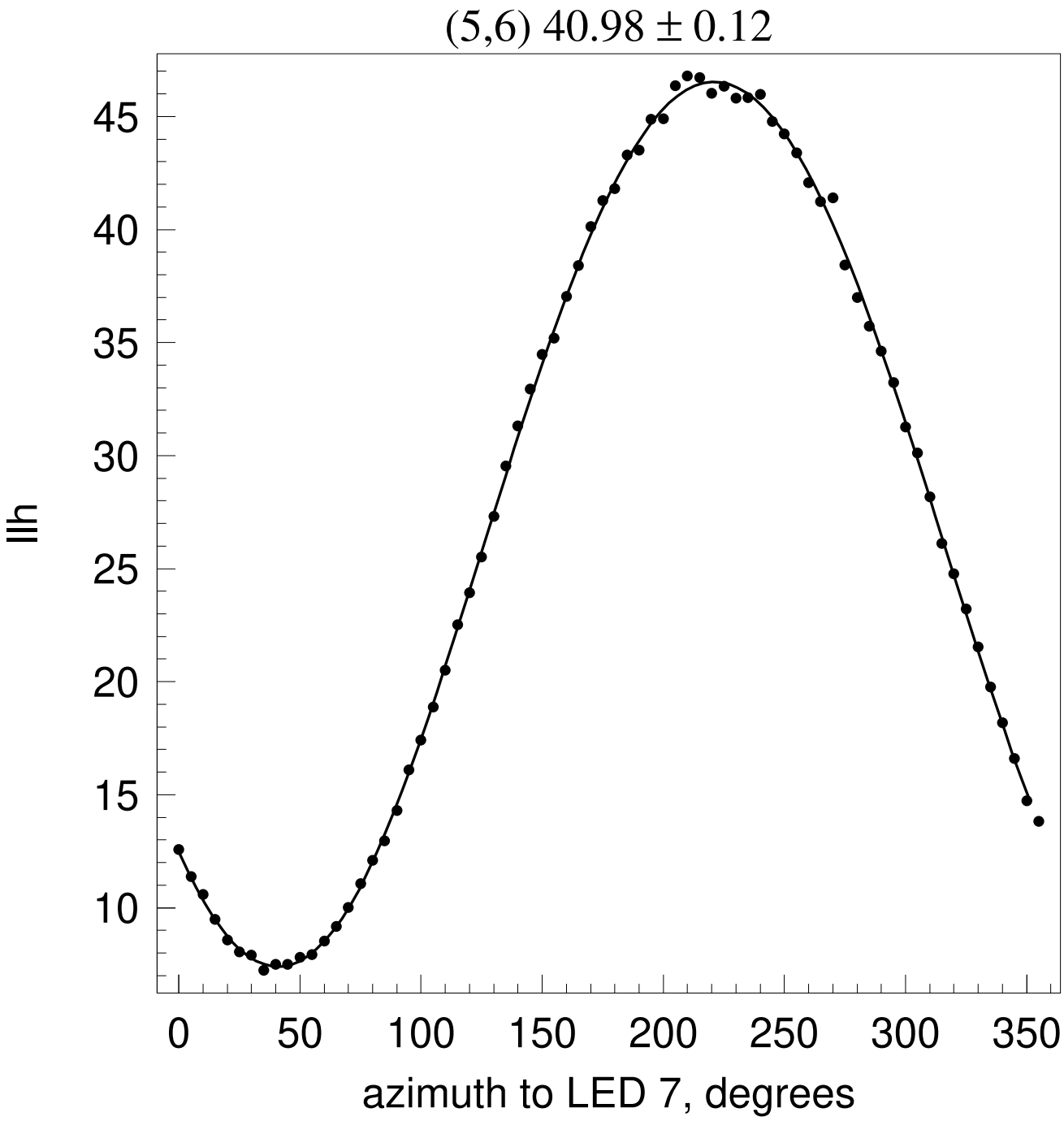

(5,1) 133.70 ± 0.33
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

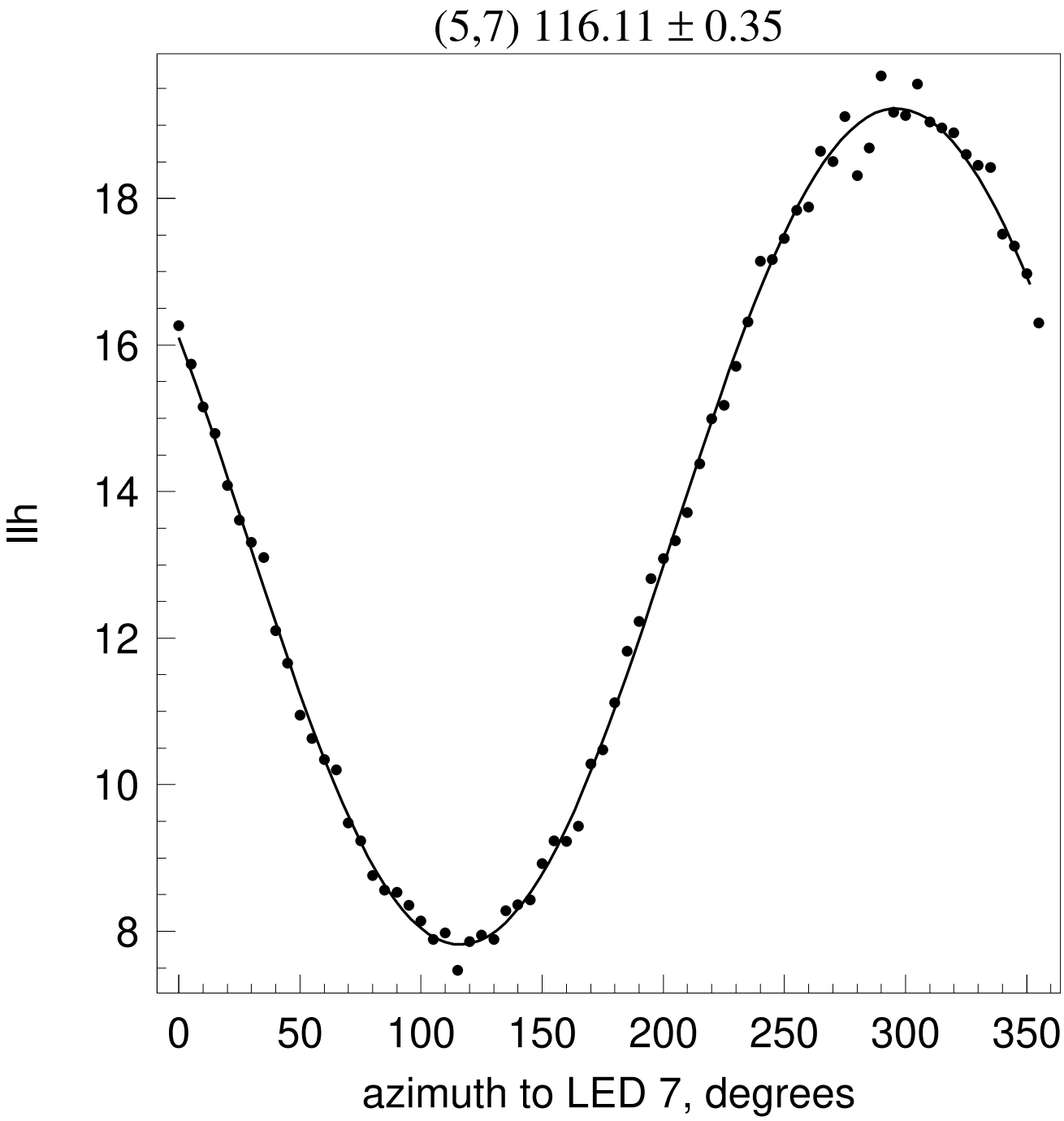

(5,2) 104.47 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

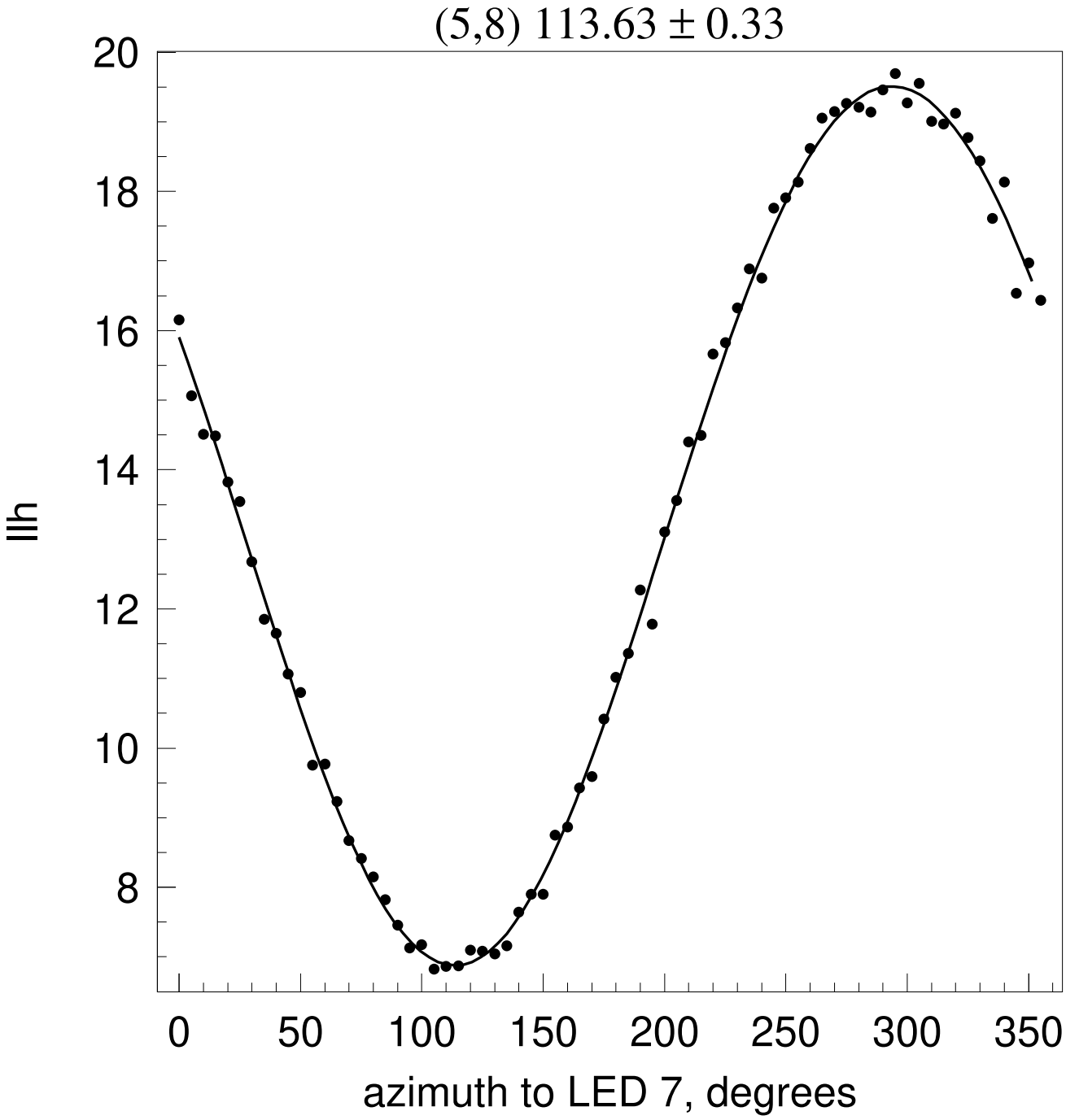

(5,3) 112.63 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

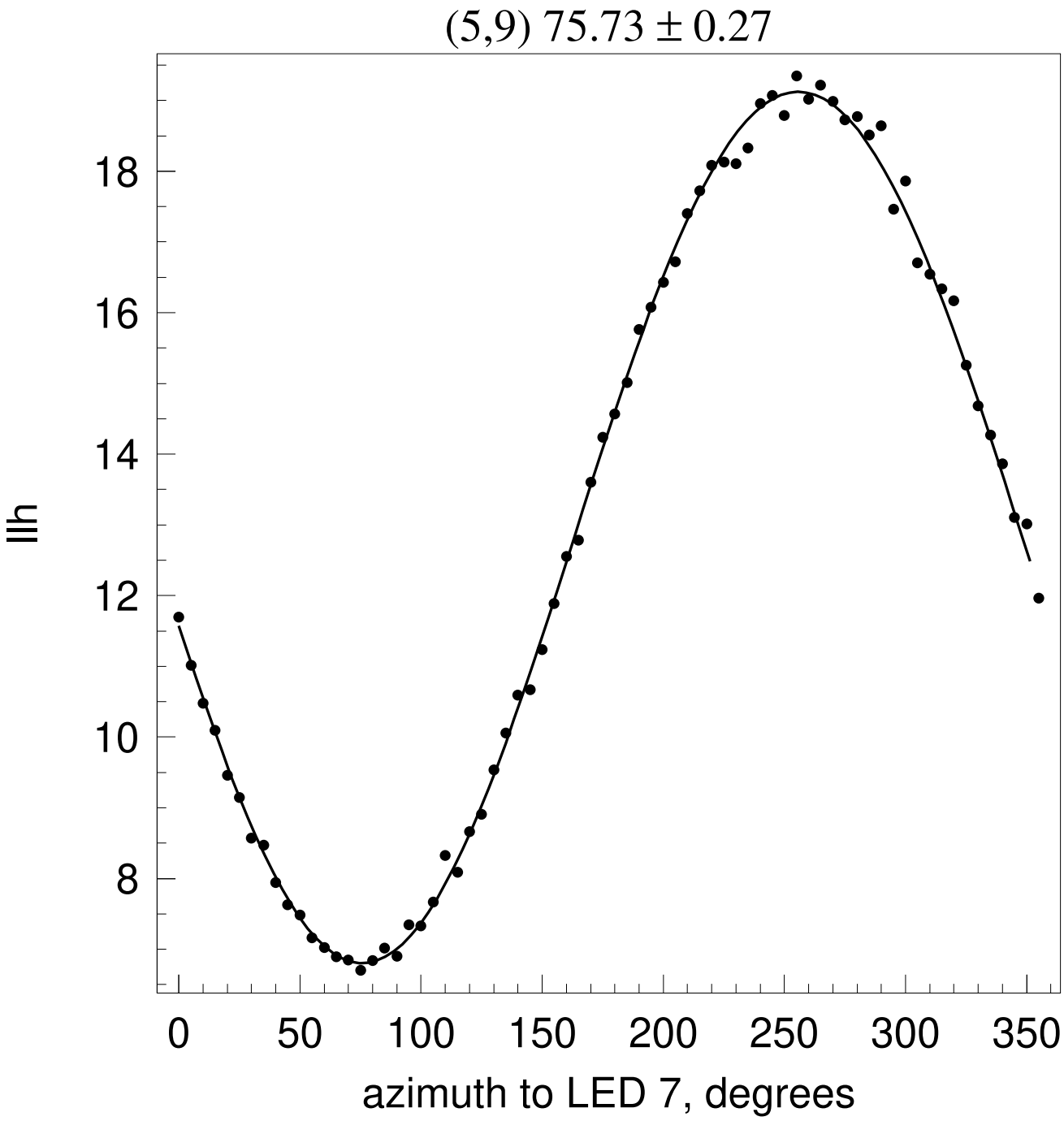

(5,4) 20.91 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

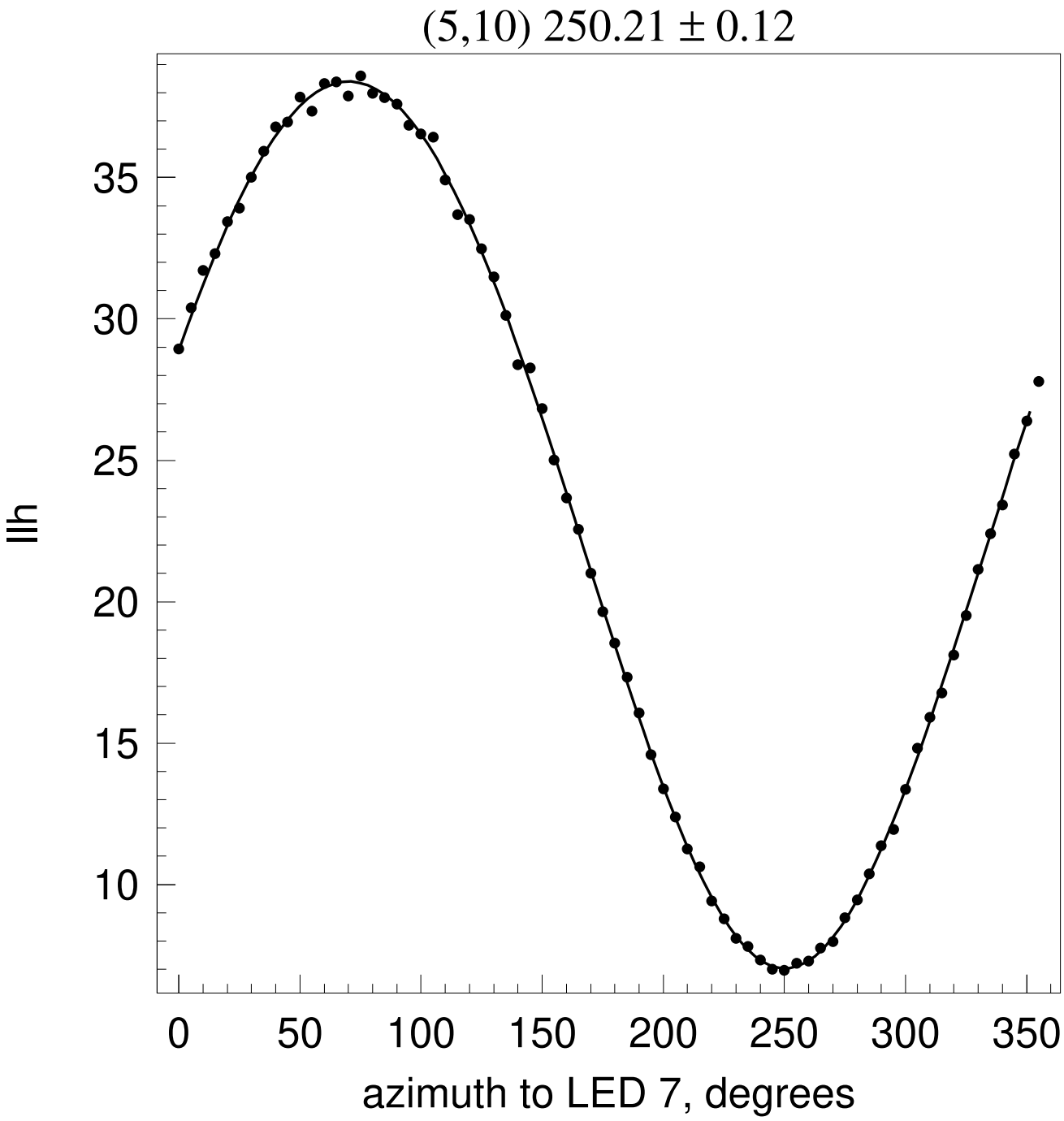

(5,5) 155.57 ± 0.07
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

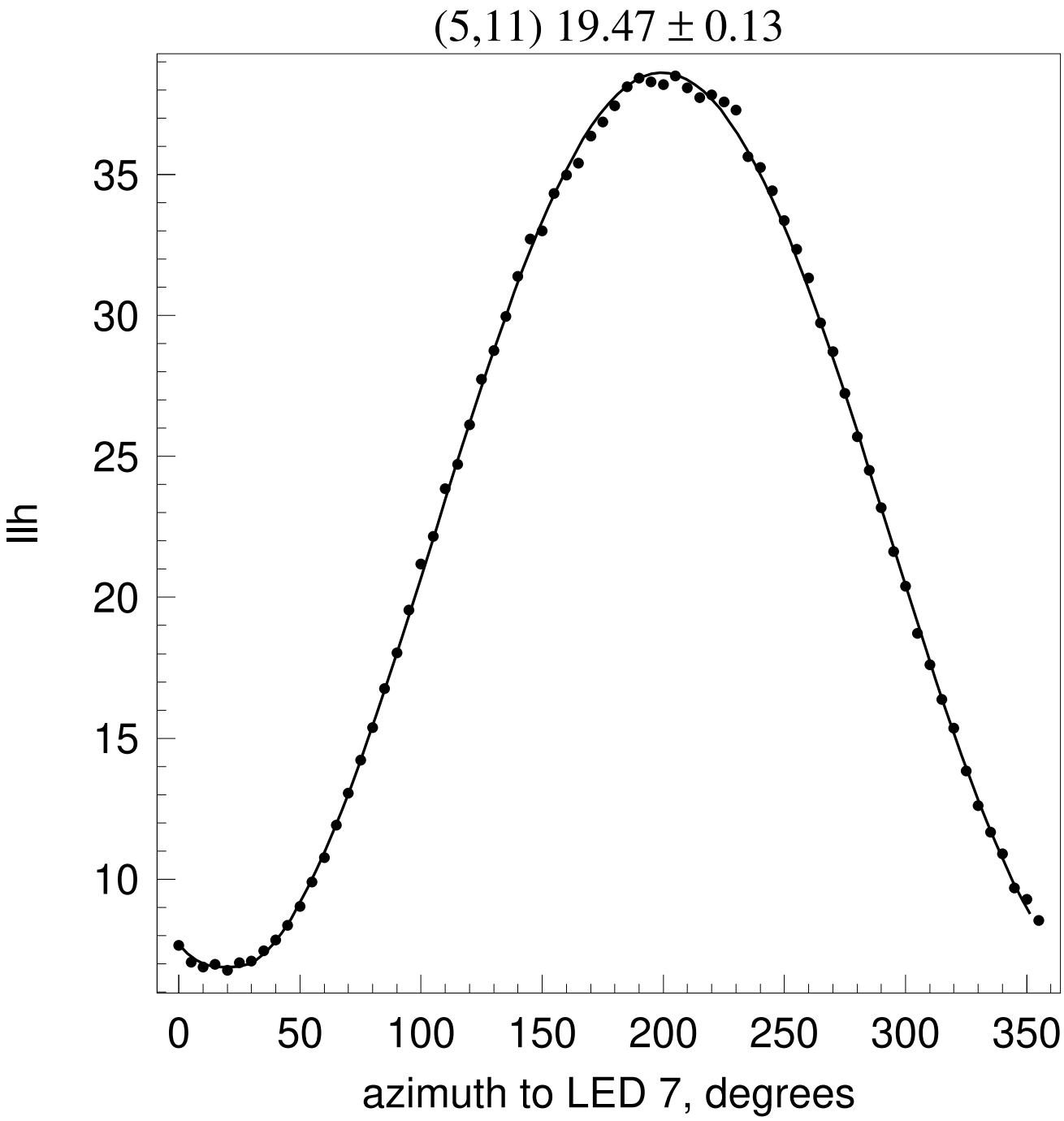

(5,6) 40.98 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

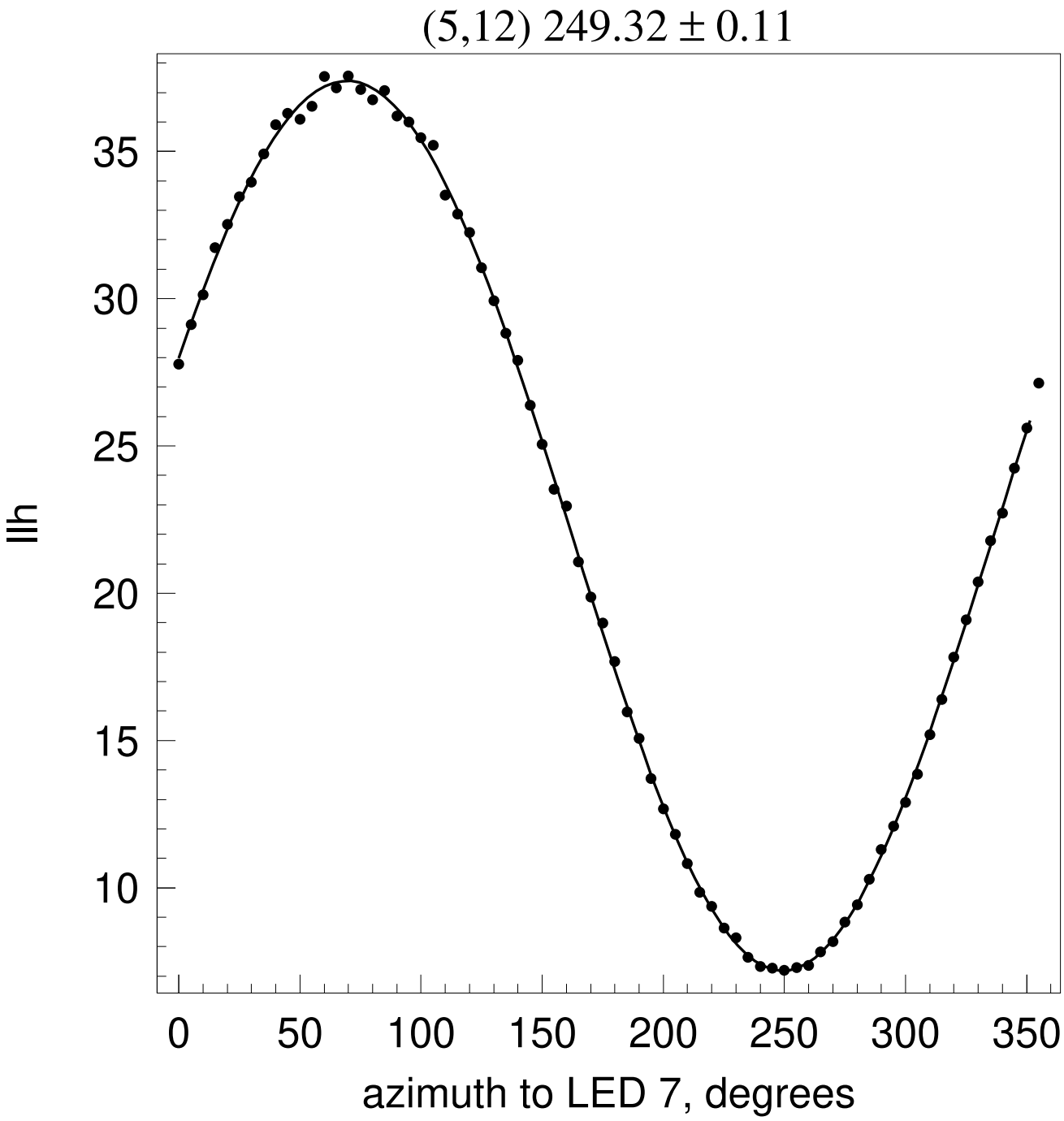

(5,7) 116.11 ± 0.35
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

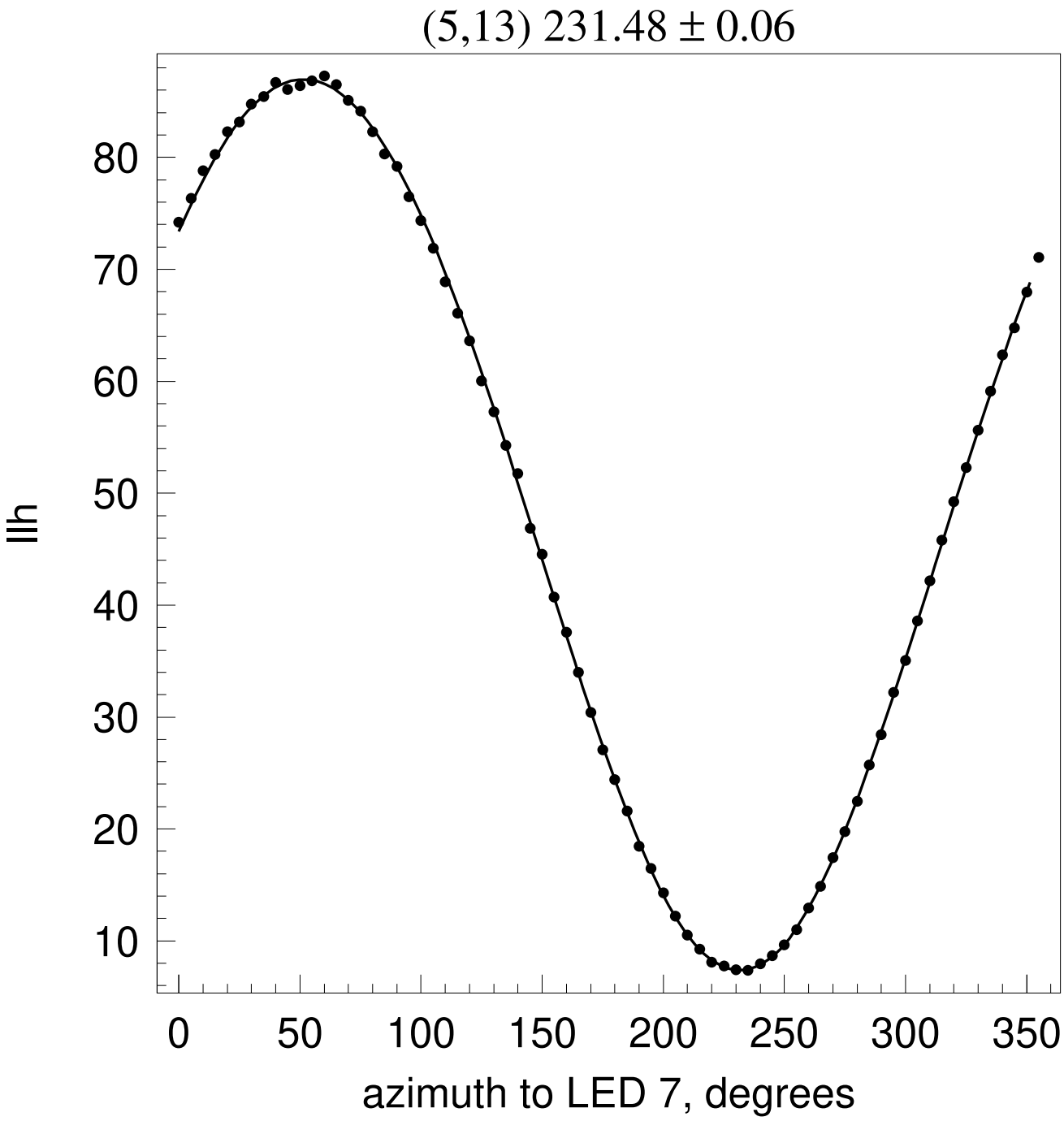

(5,8) 113.63 ± 0.33
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

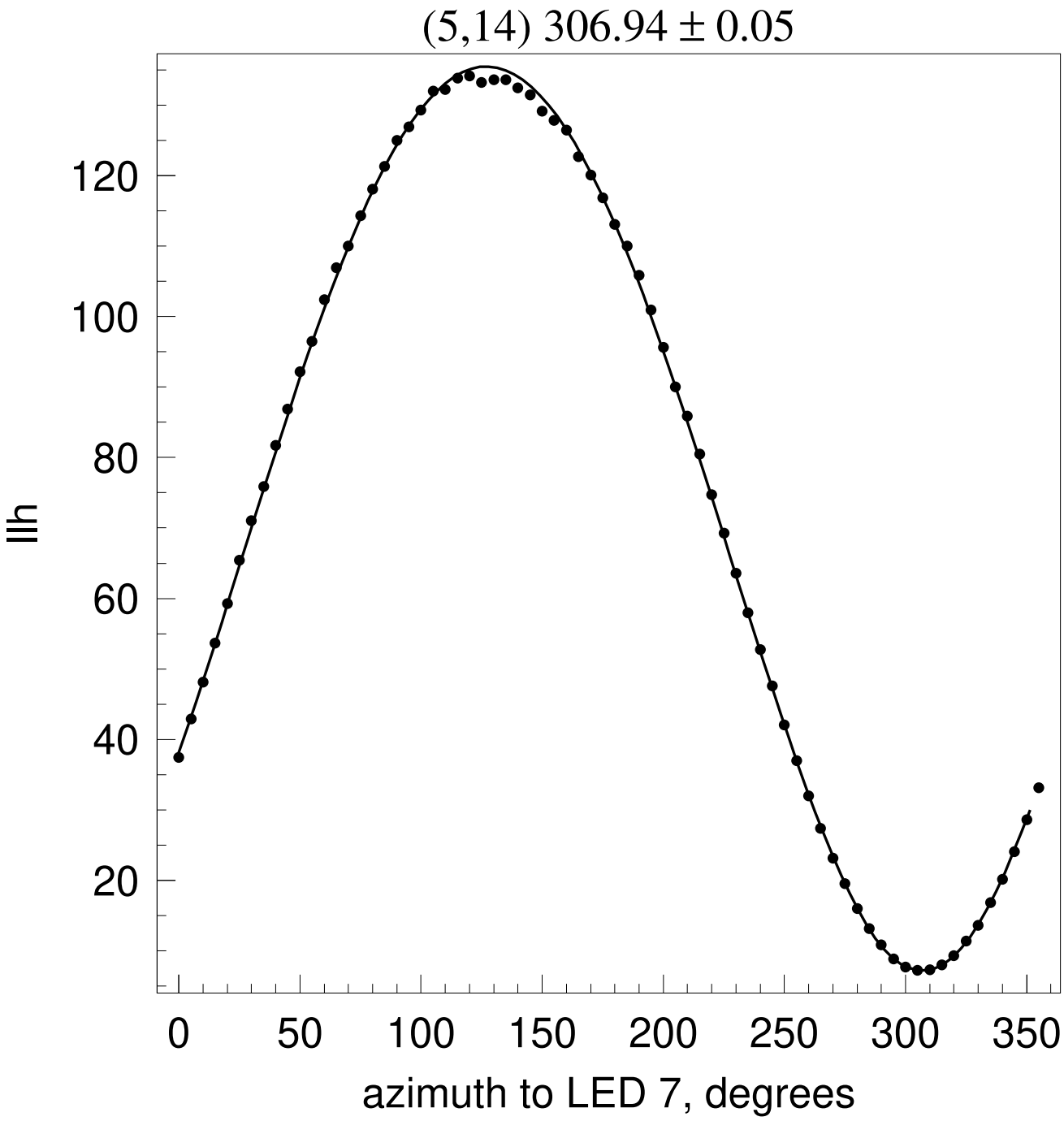

(5,9) 75.73 ± 0.27
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

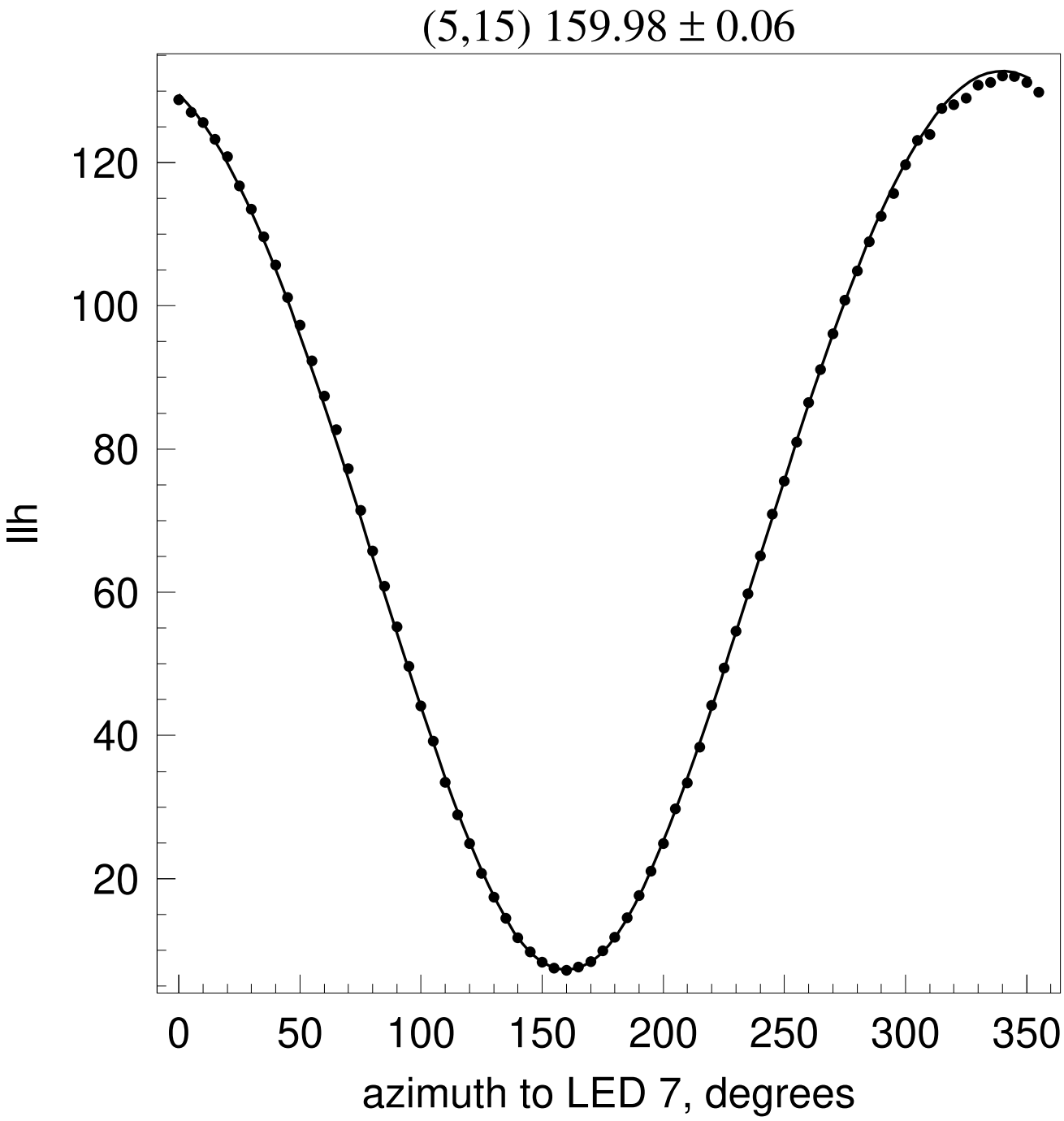

(5,10) 250.21 ± 0.12
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

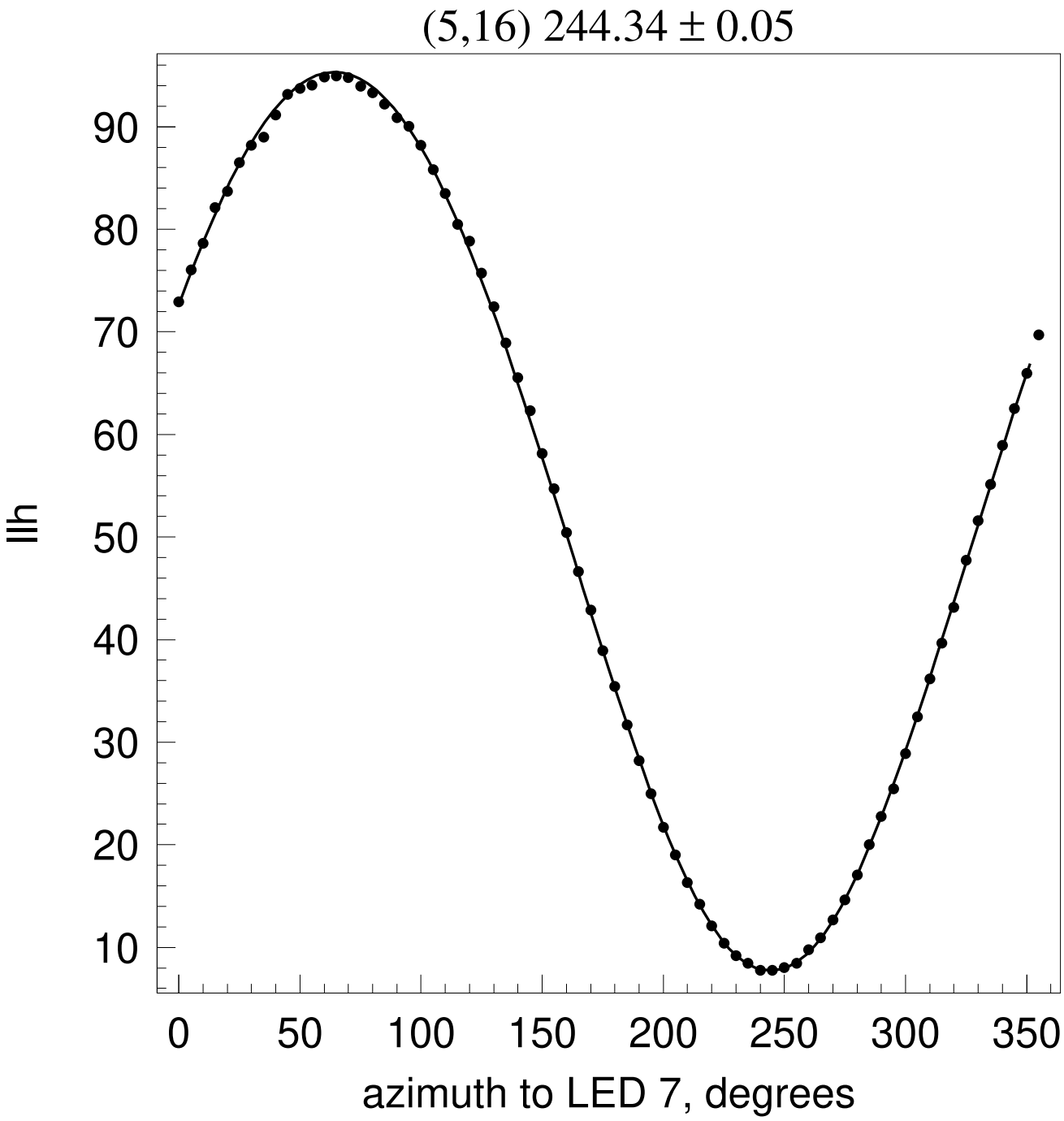

(5,11) 19.47 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

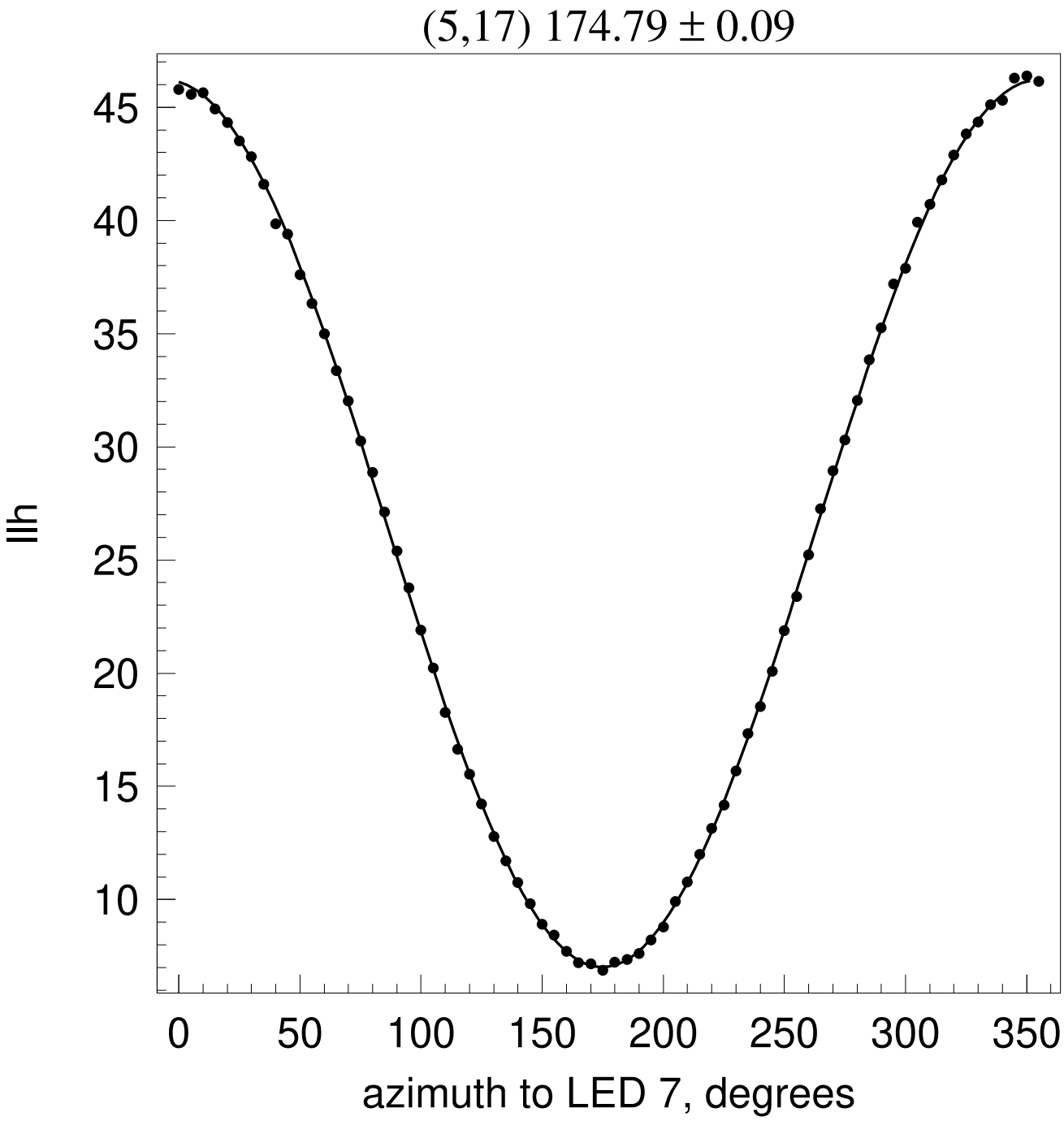

(5,12) 249.32 ± 0.11
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

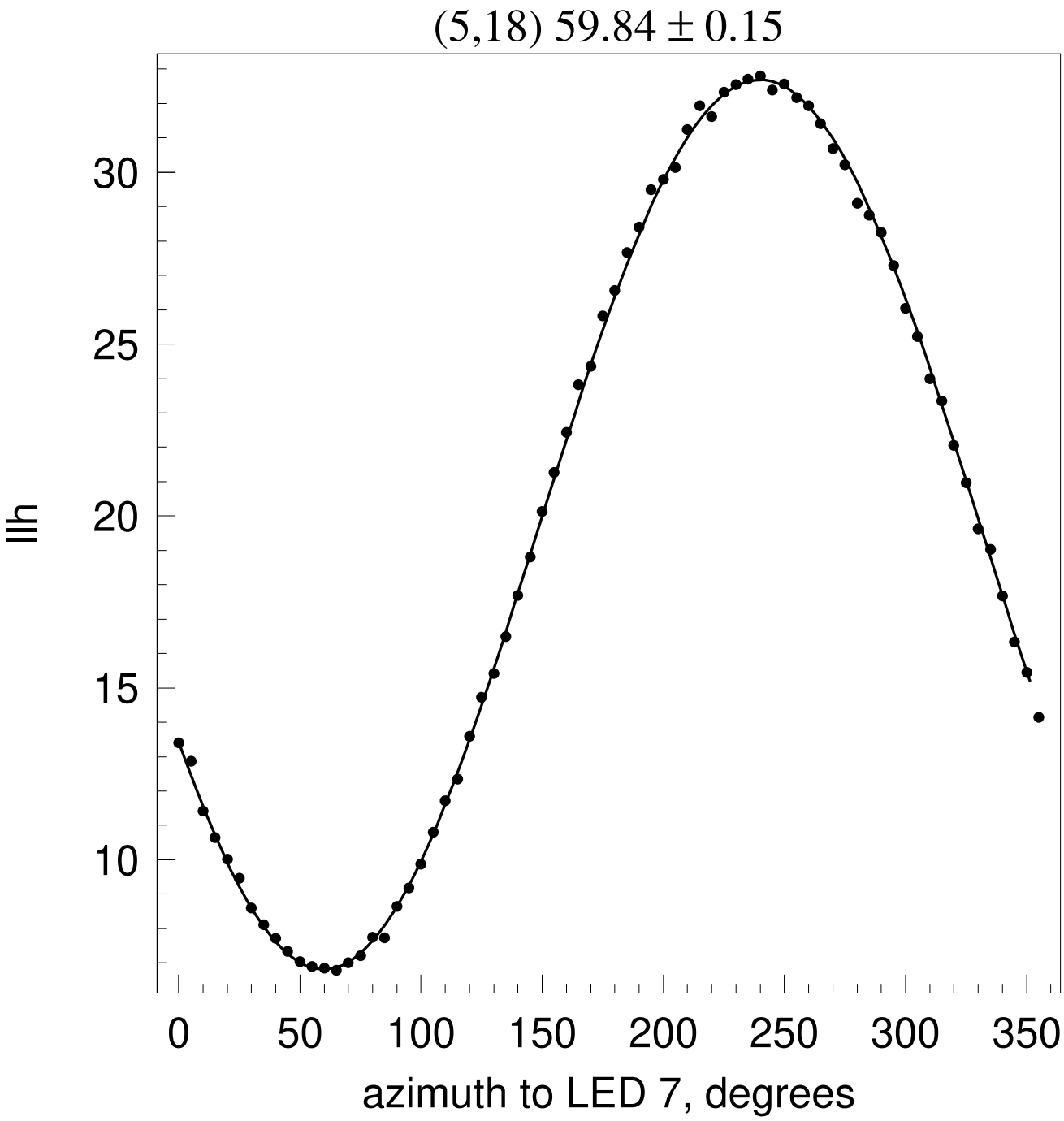

(5,13) 231.48 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

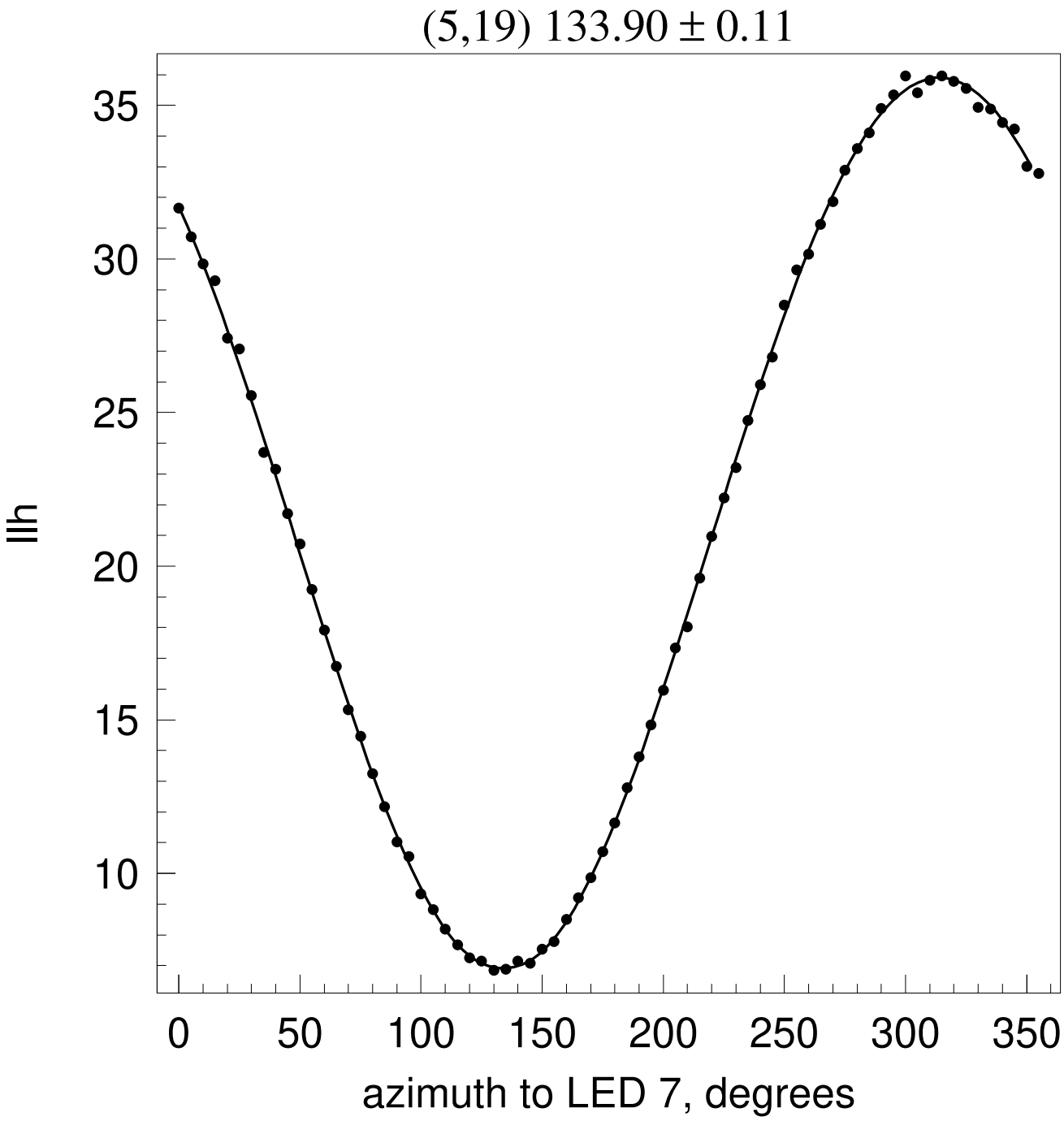

(5,14) 306.94 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

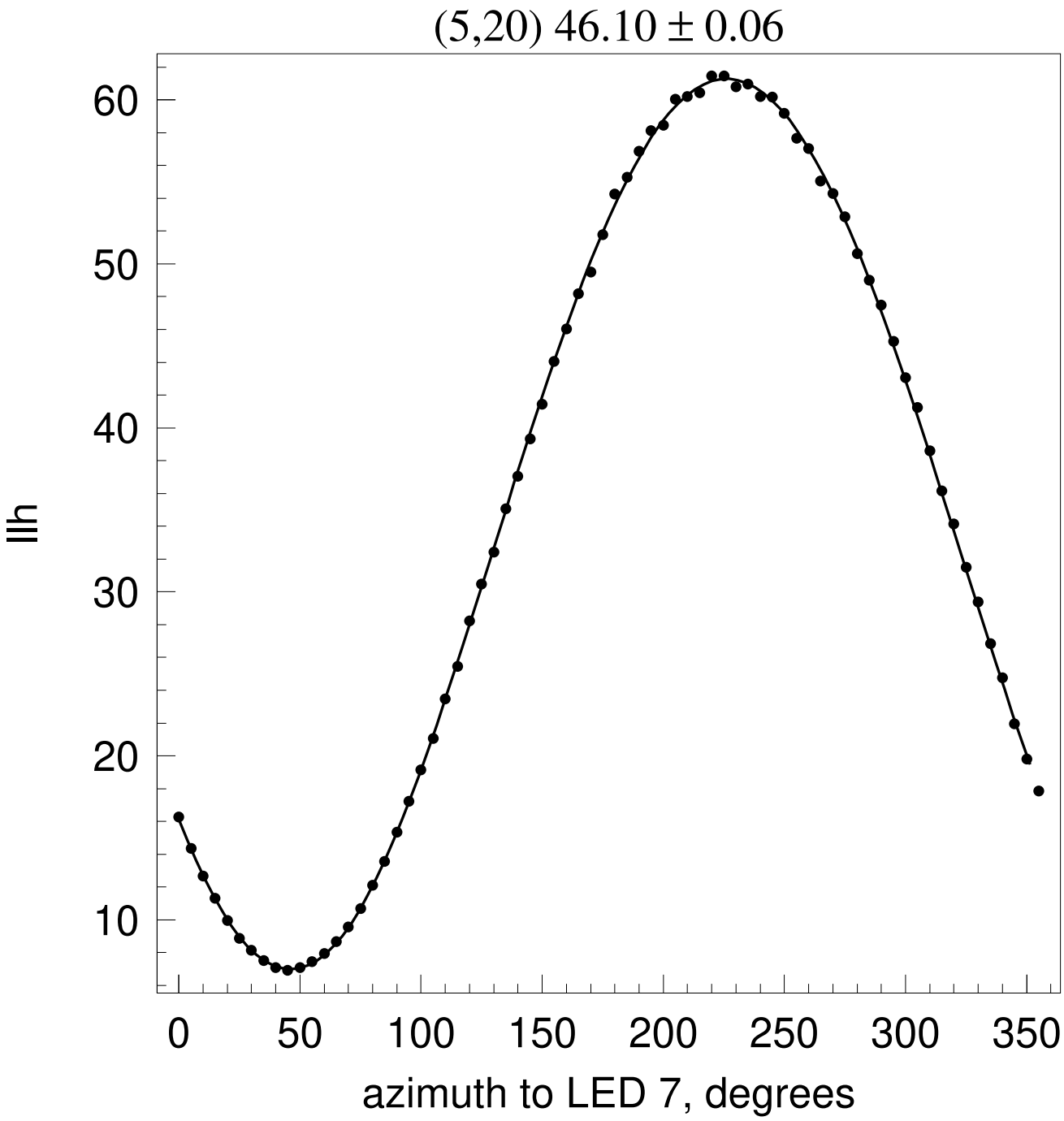

(5,15) 159.98 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

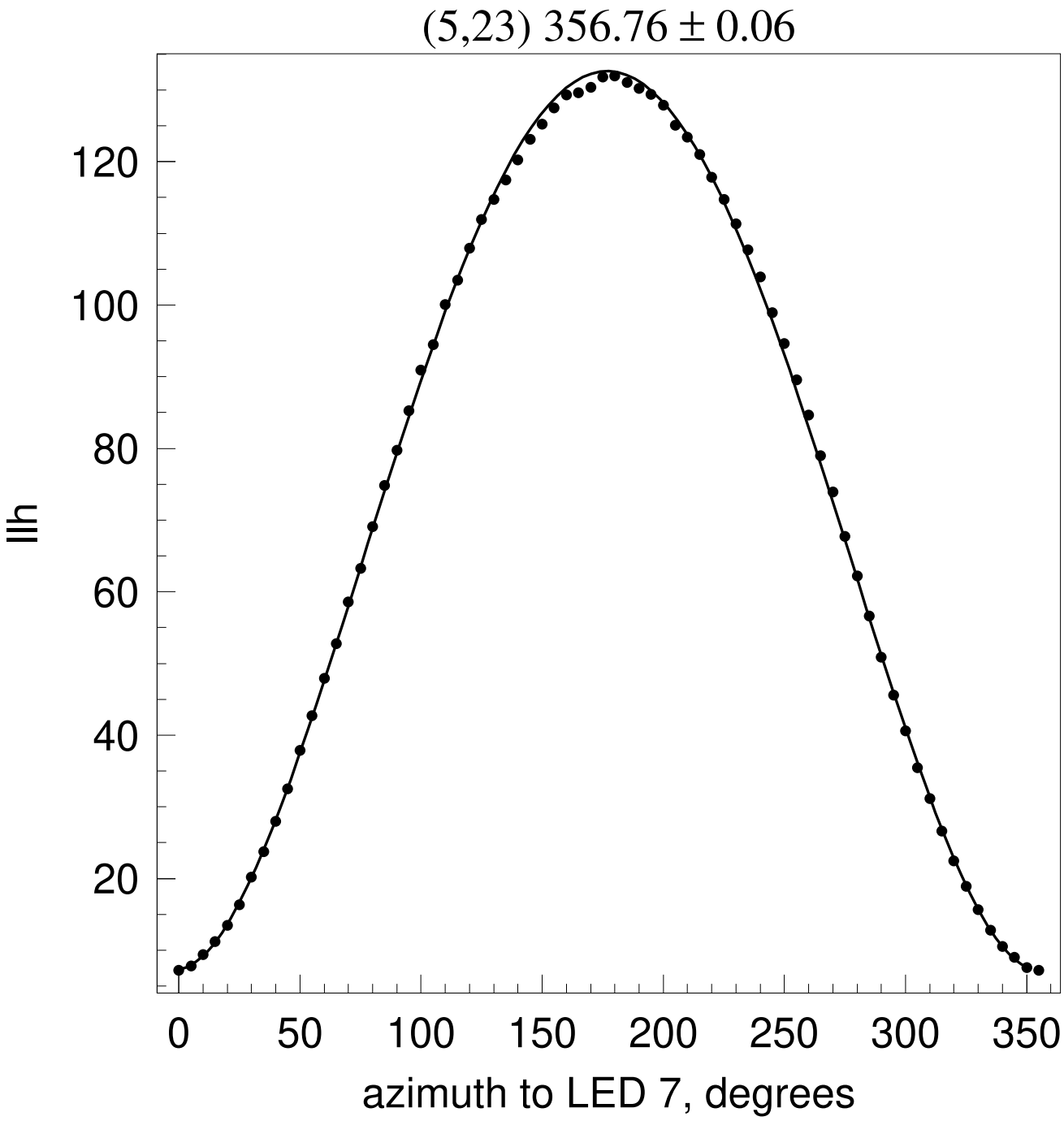

(5,16) 244.34 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

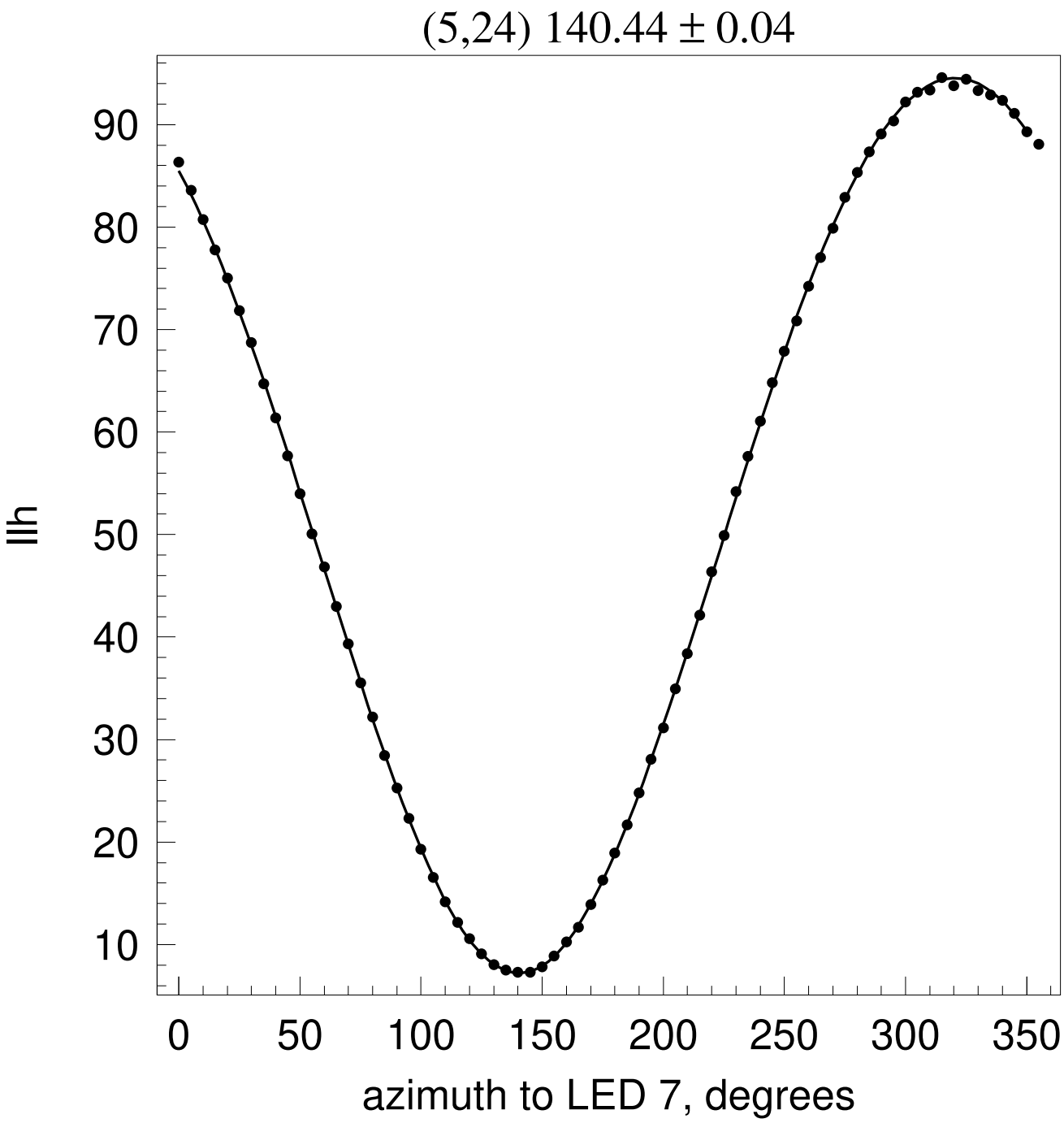

(5,17) 174.79 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

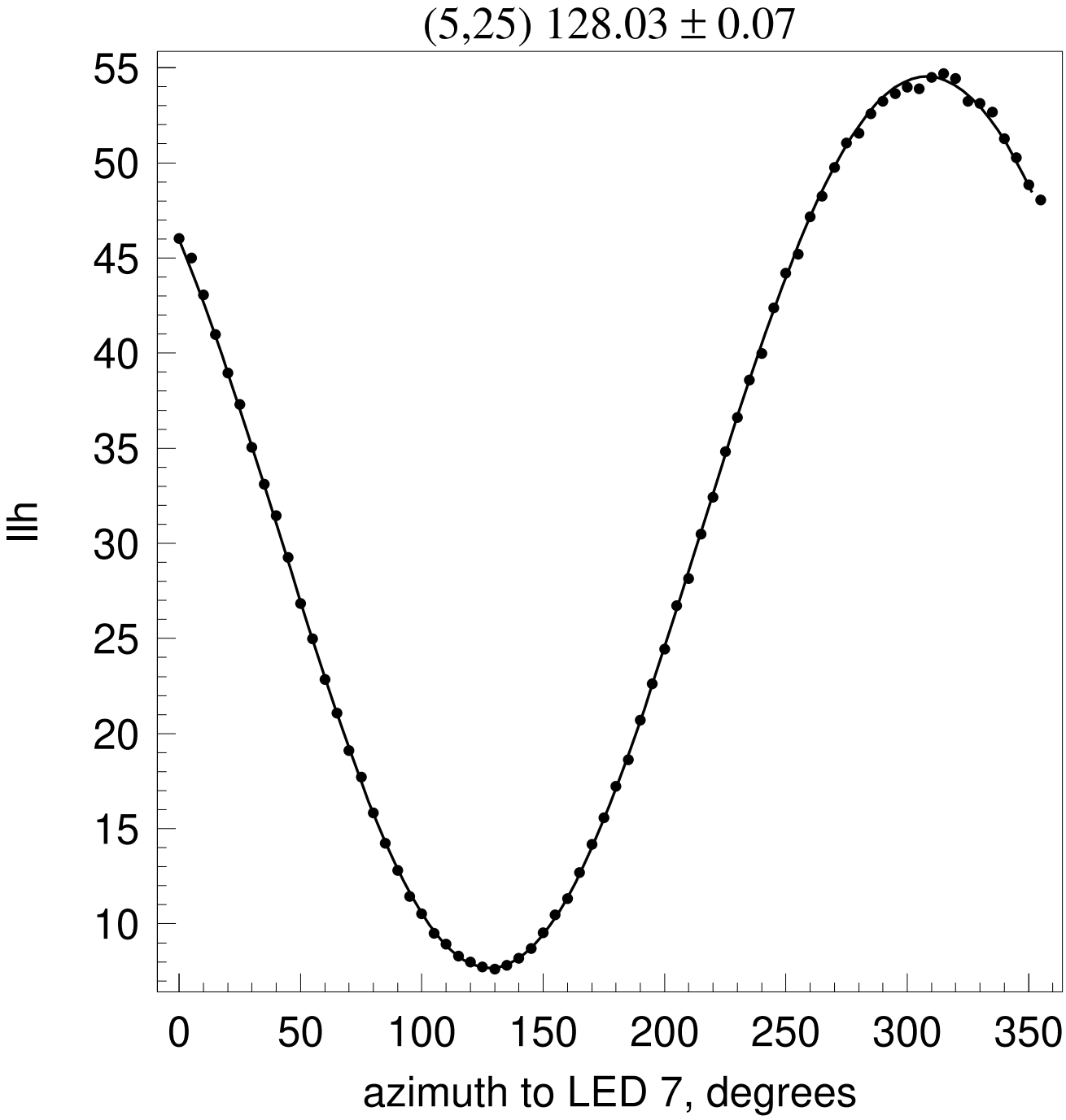

(5,18) 59.84 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

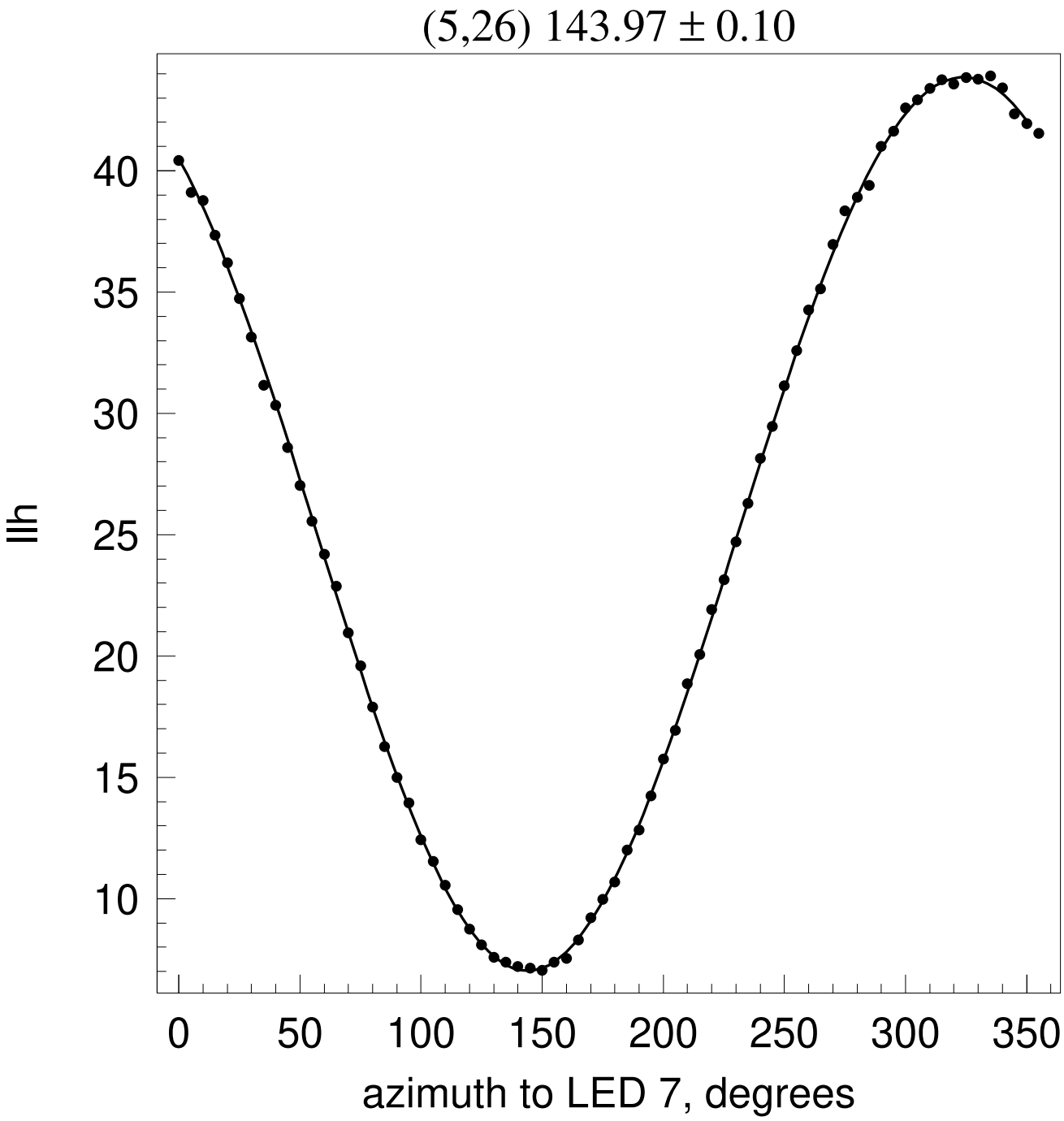

(5,19) 133.90 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

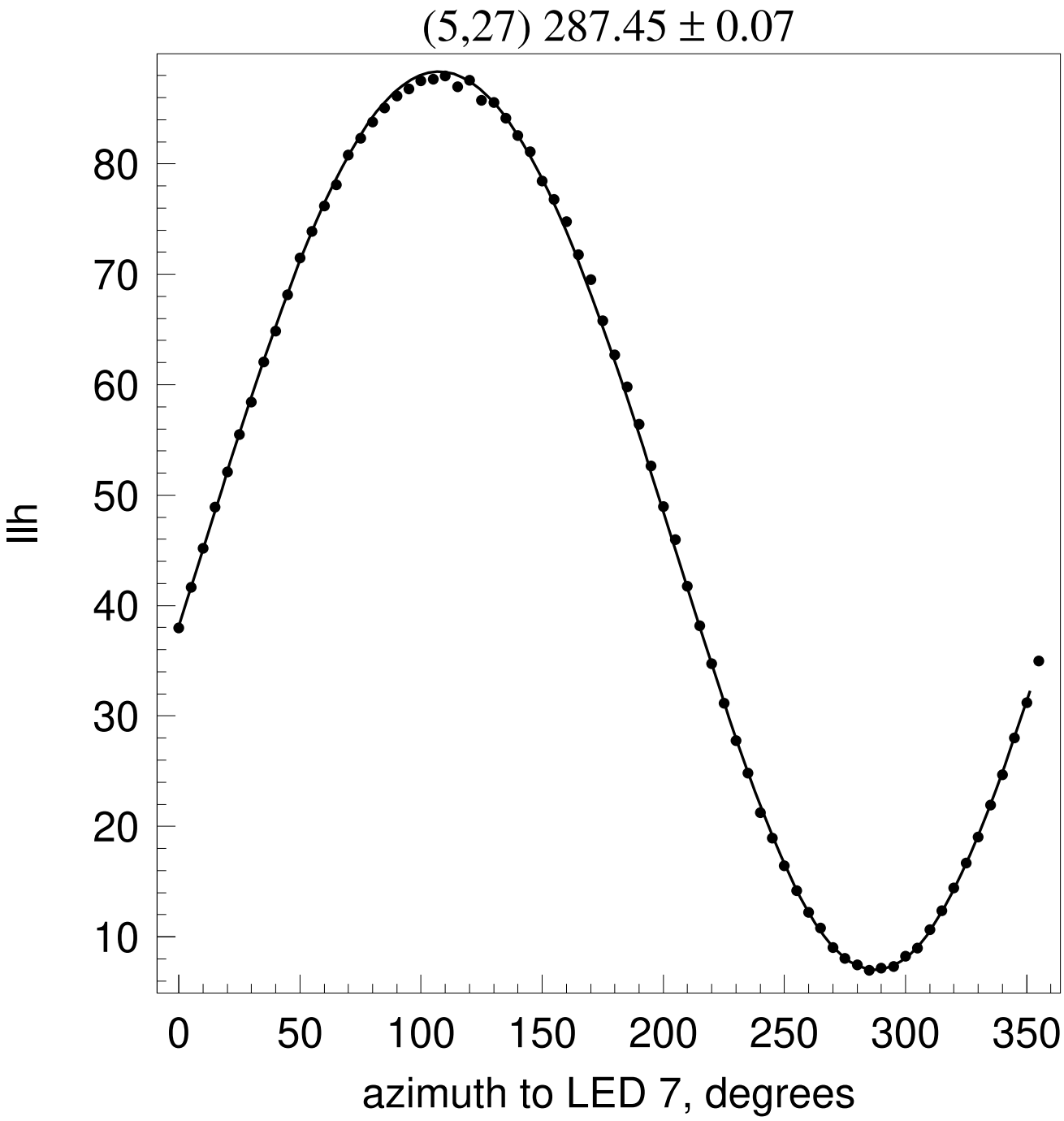

(5,20) 46.10 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

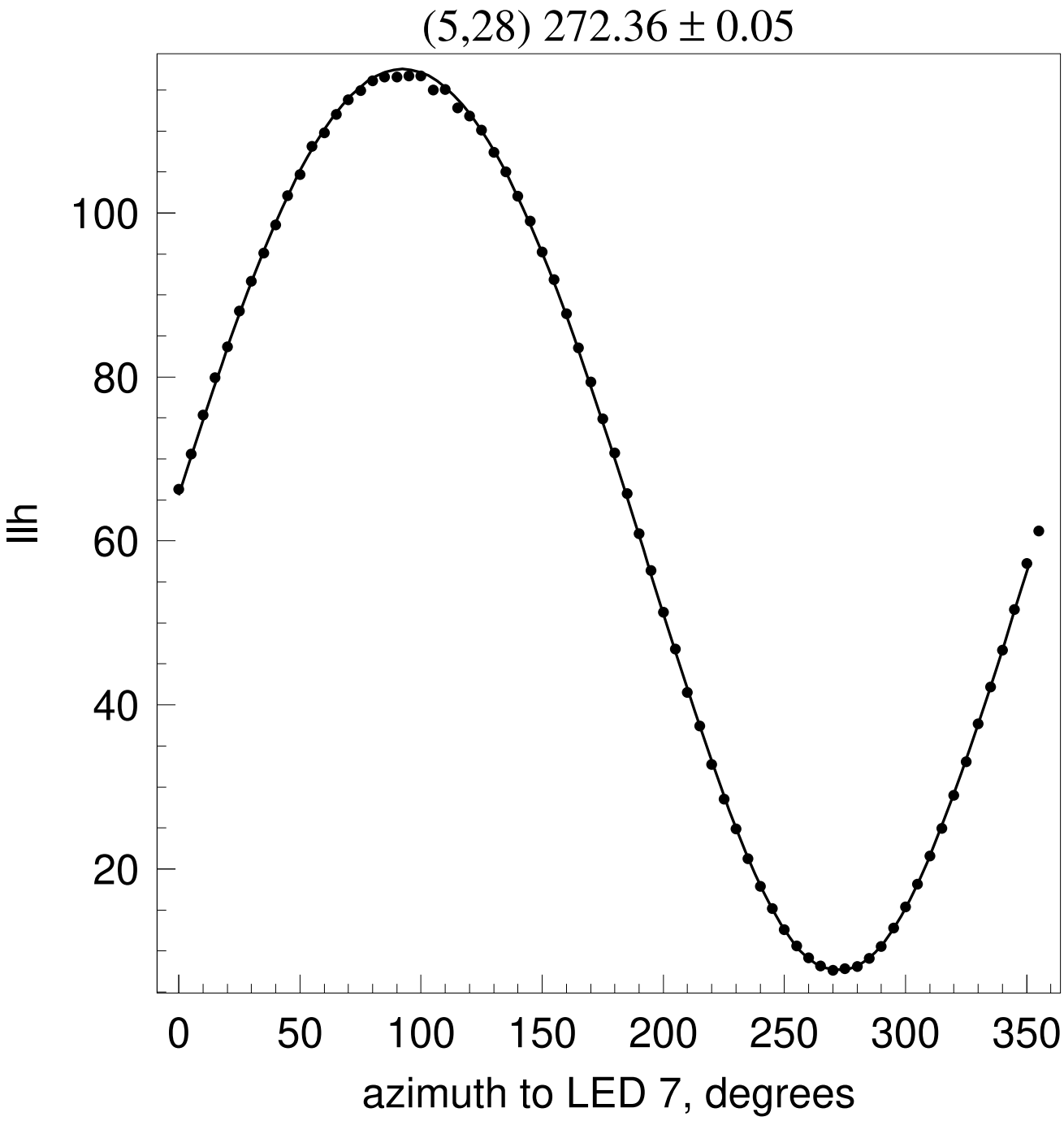

(5,23) 356.76 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

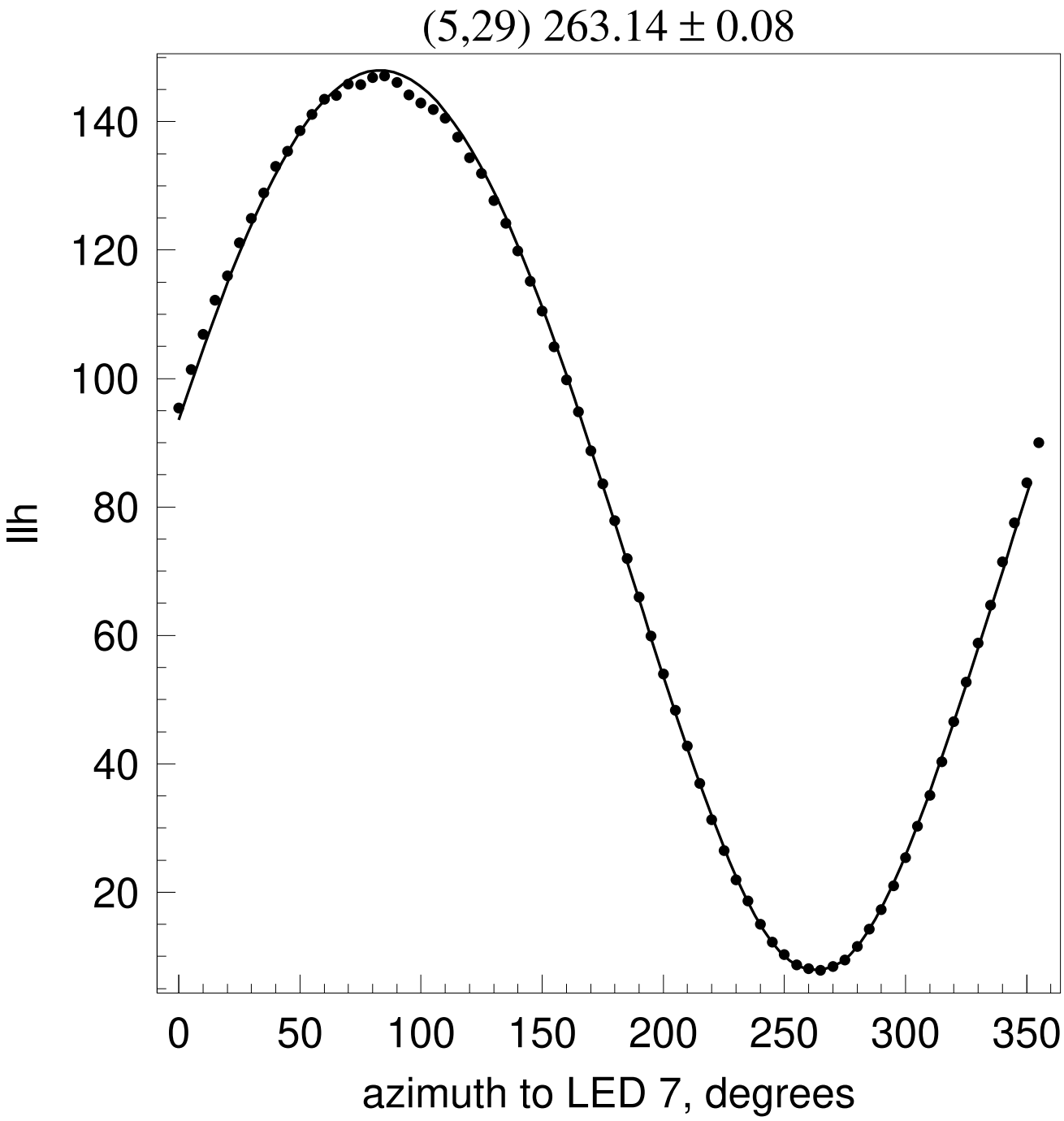

(5,24) 140.44 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

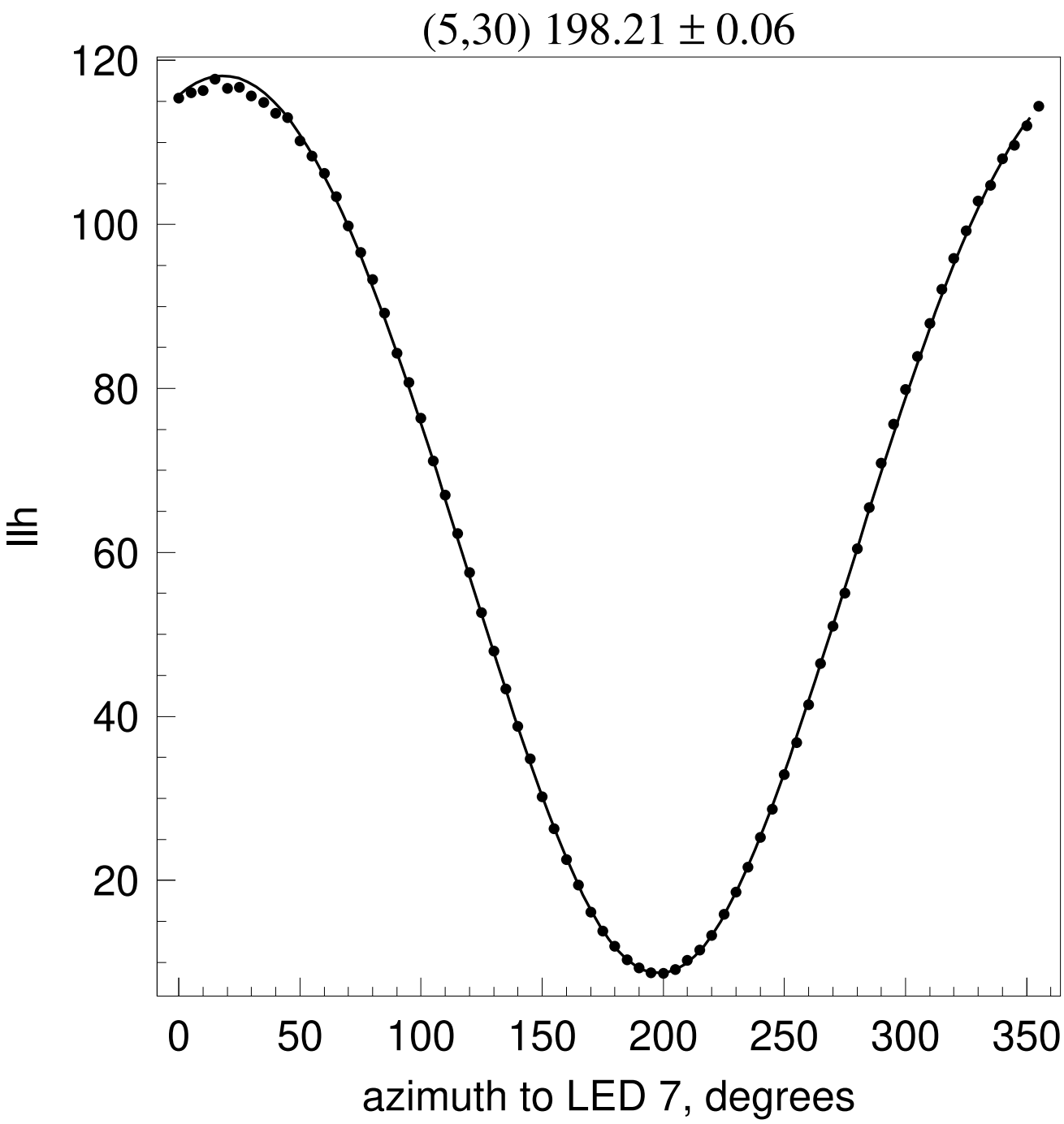

(5,25) 128.03 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

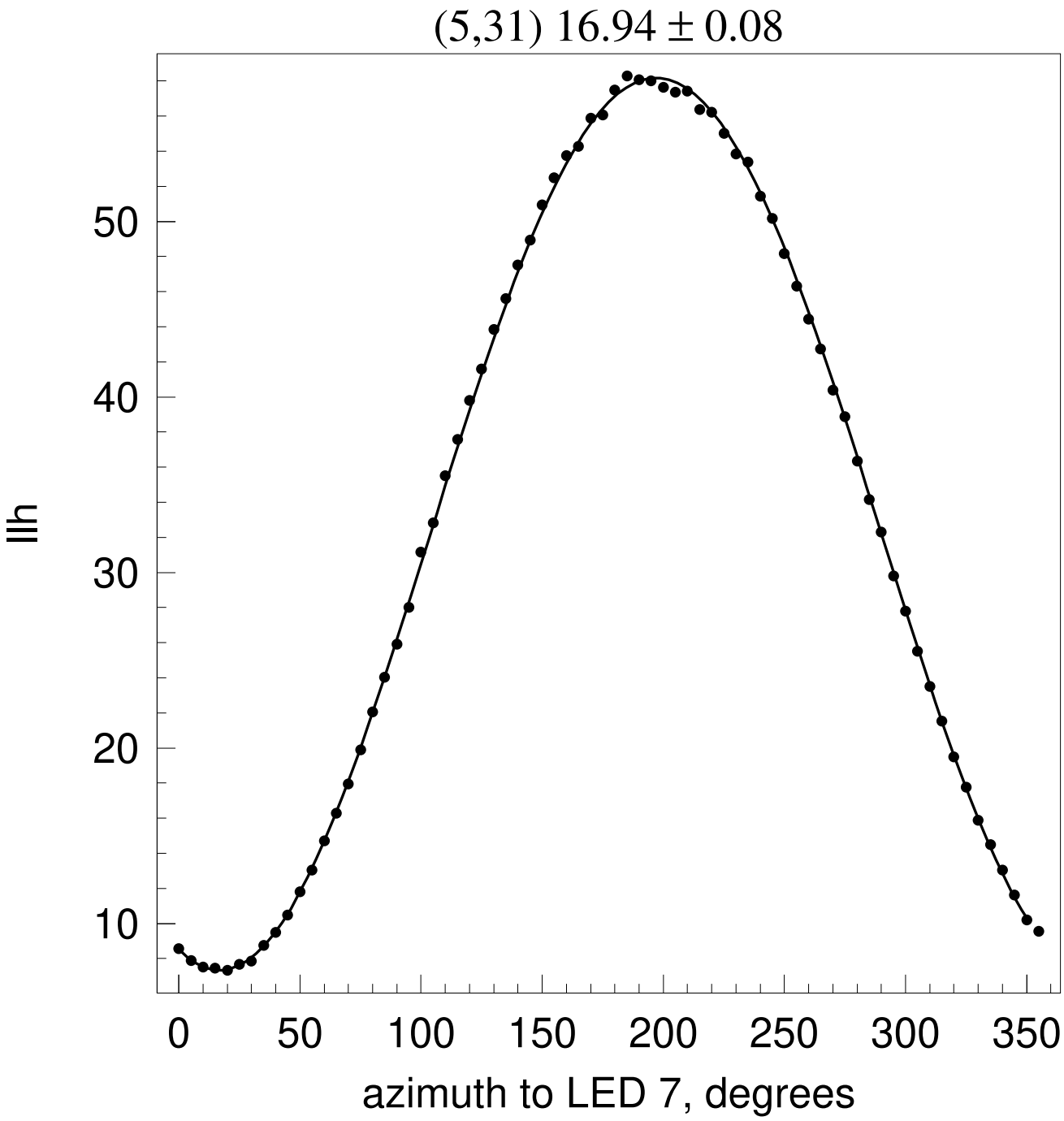

(5,26) 143.97 ± 0.10
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

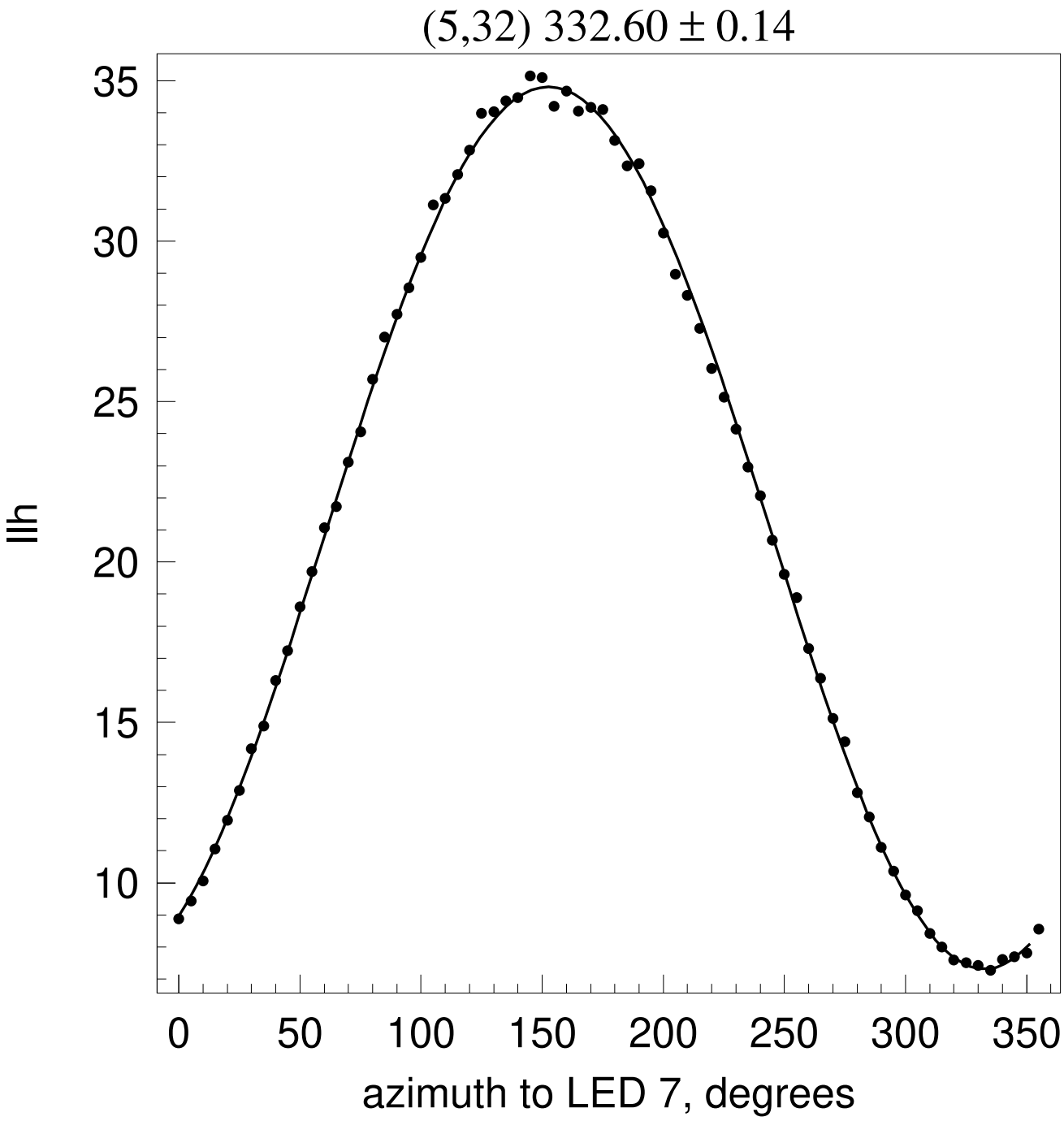

(5,27) 287.45 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

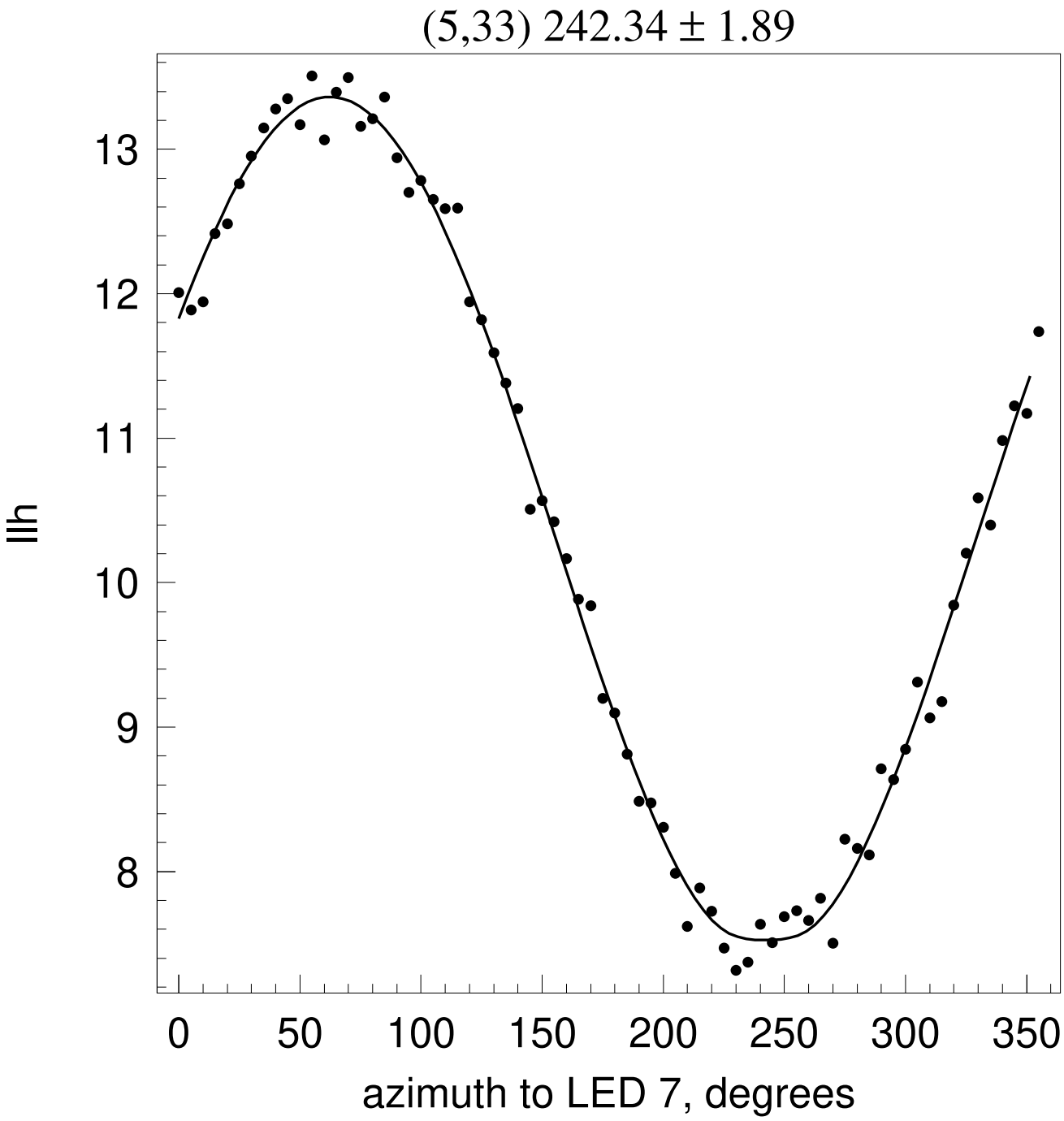

(5,28) 272.36 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

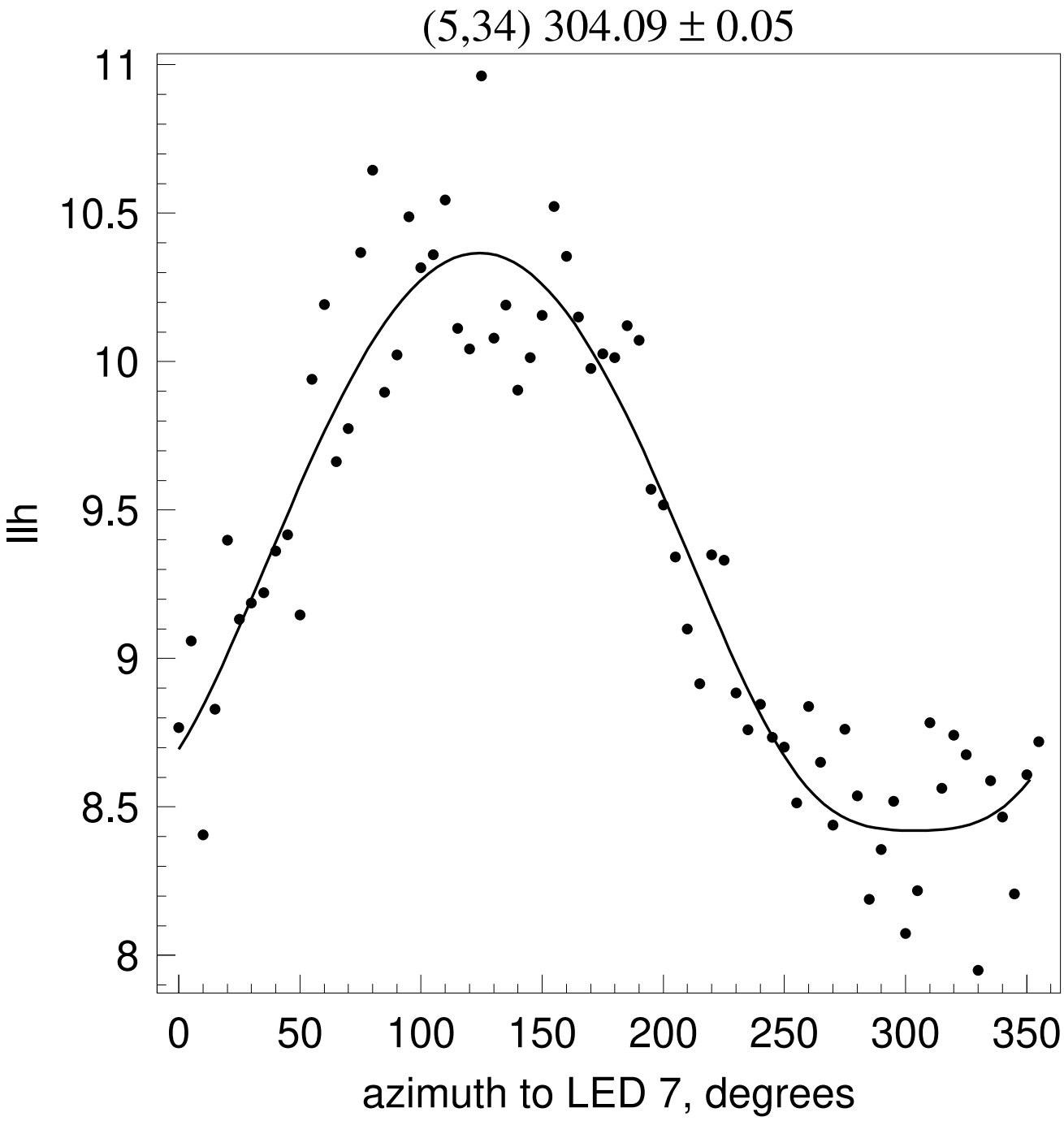

(5,29) 263.14 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

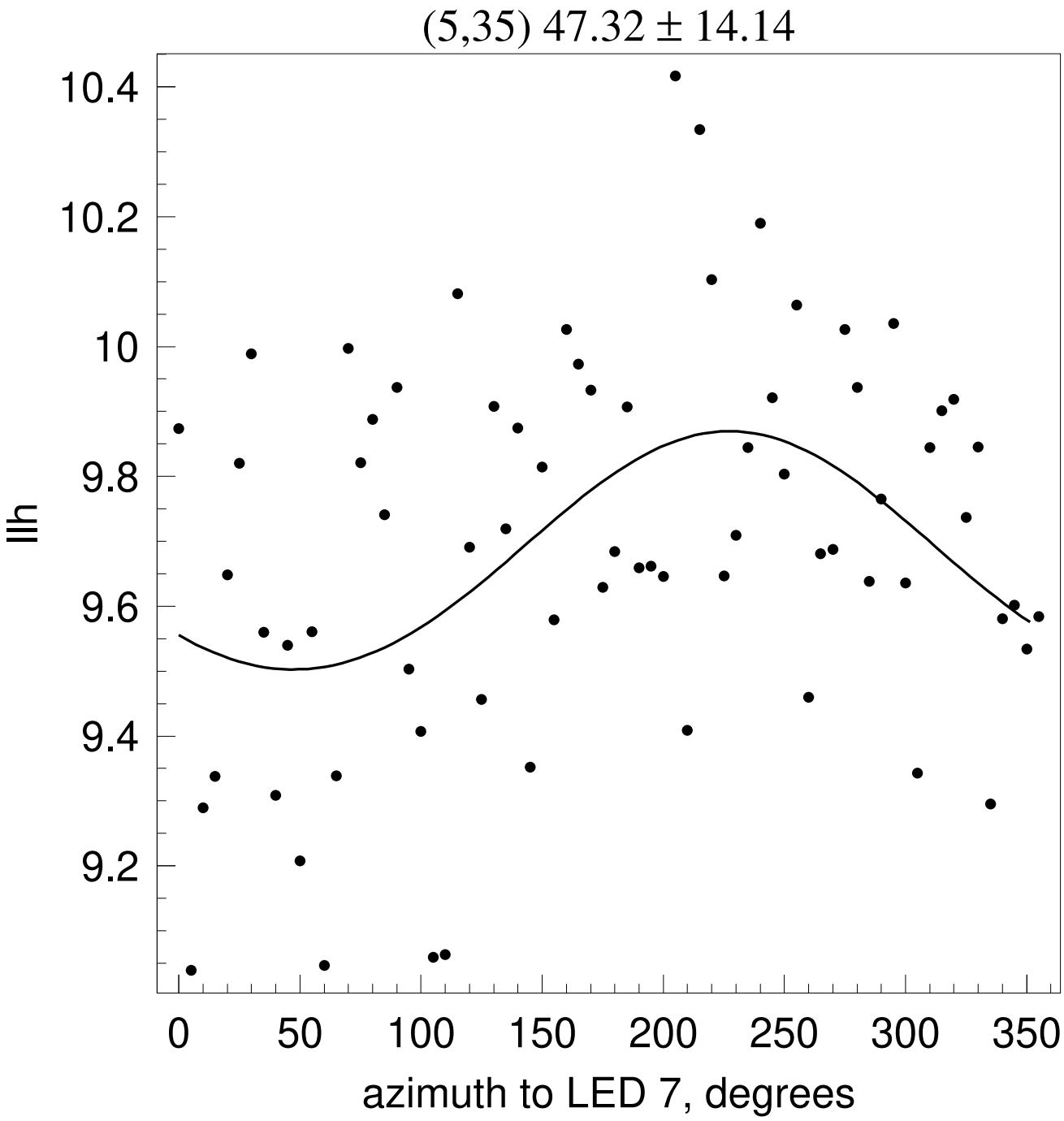

(5,30) 198.21 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

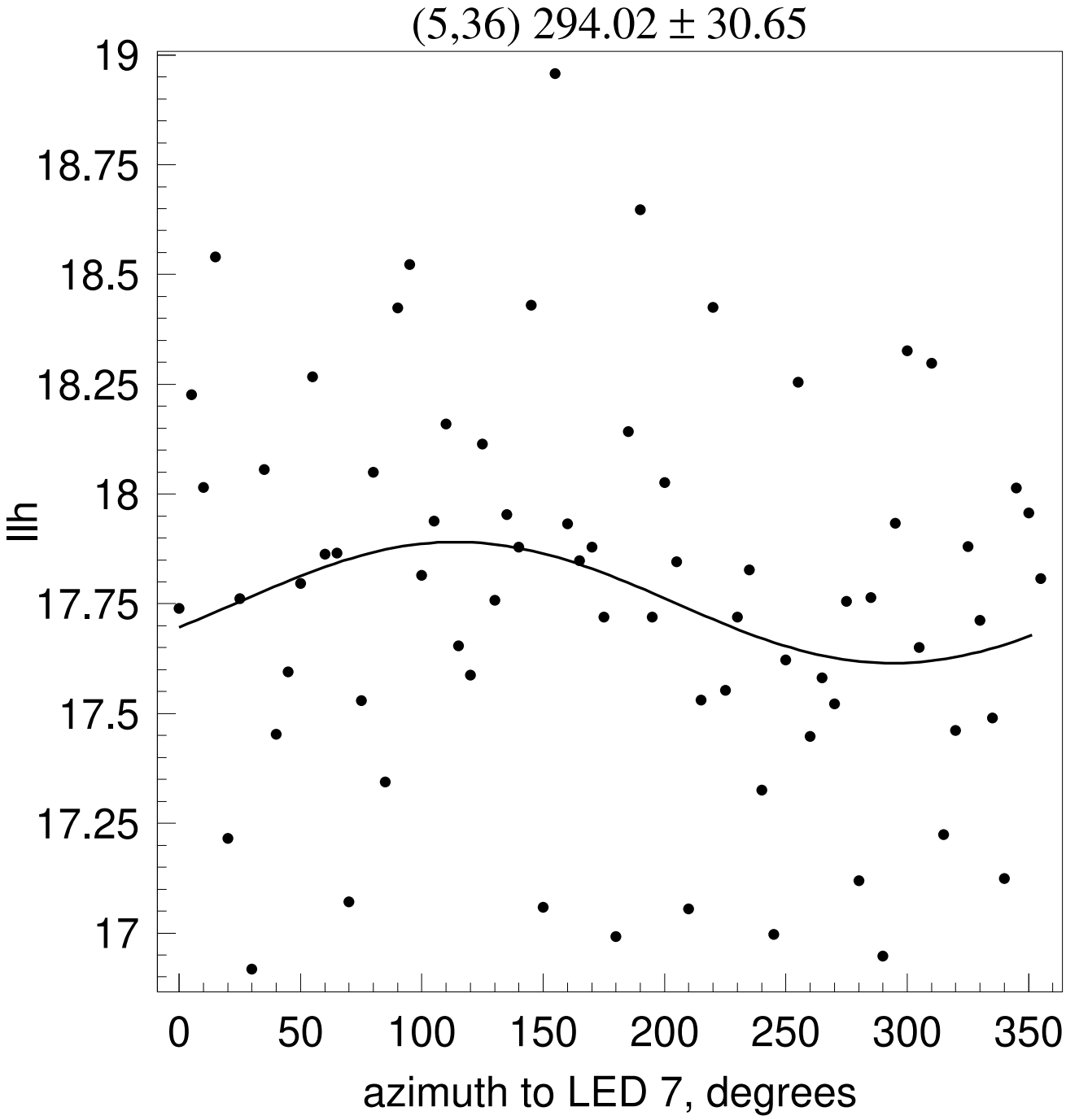

(5,31) 16.94 ± 0.08
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

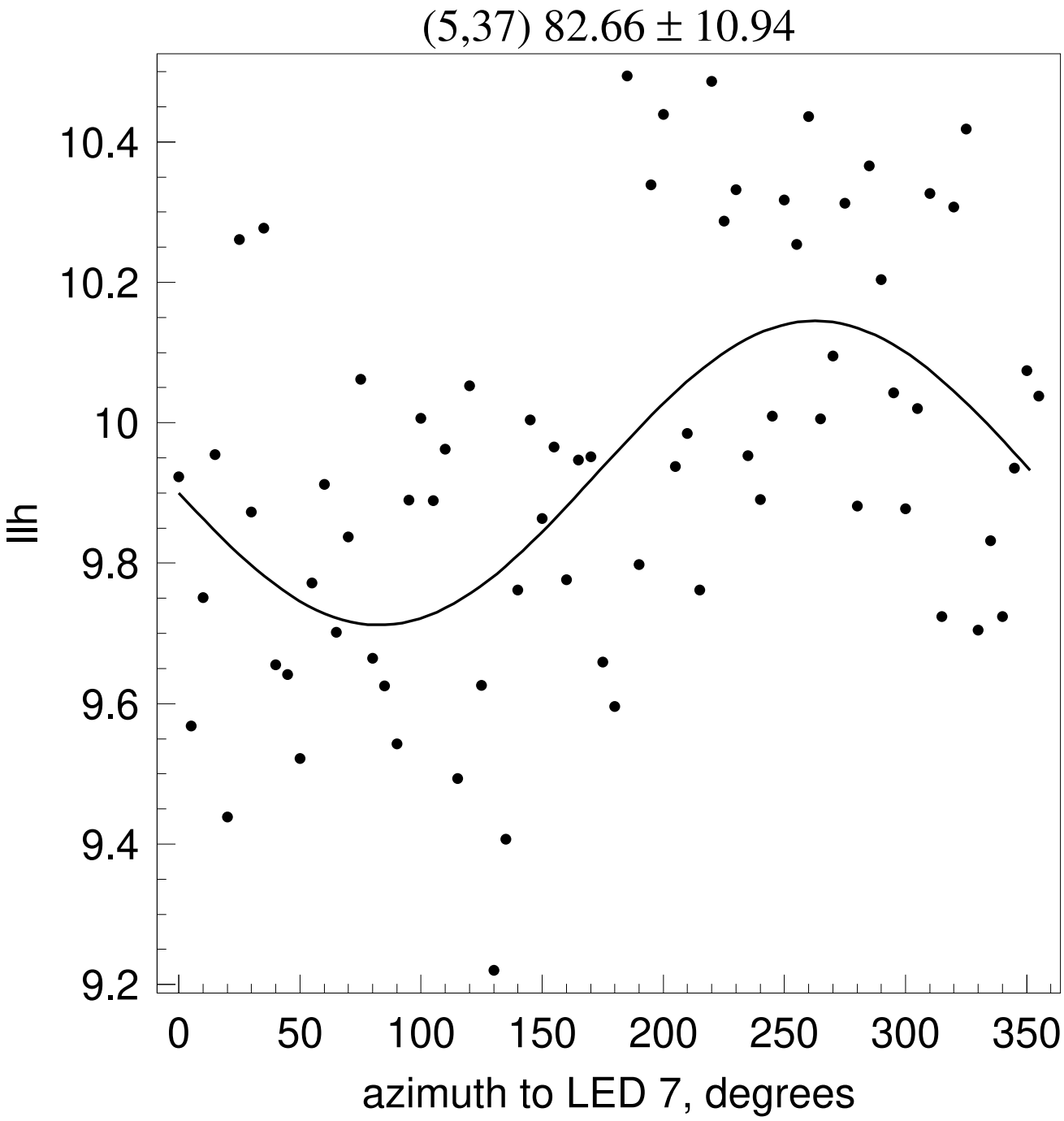

(5,32) 332.60 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

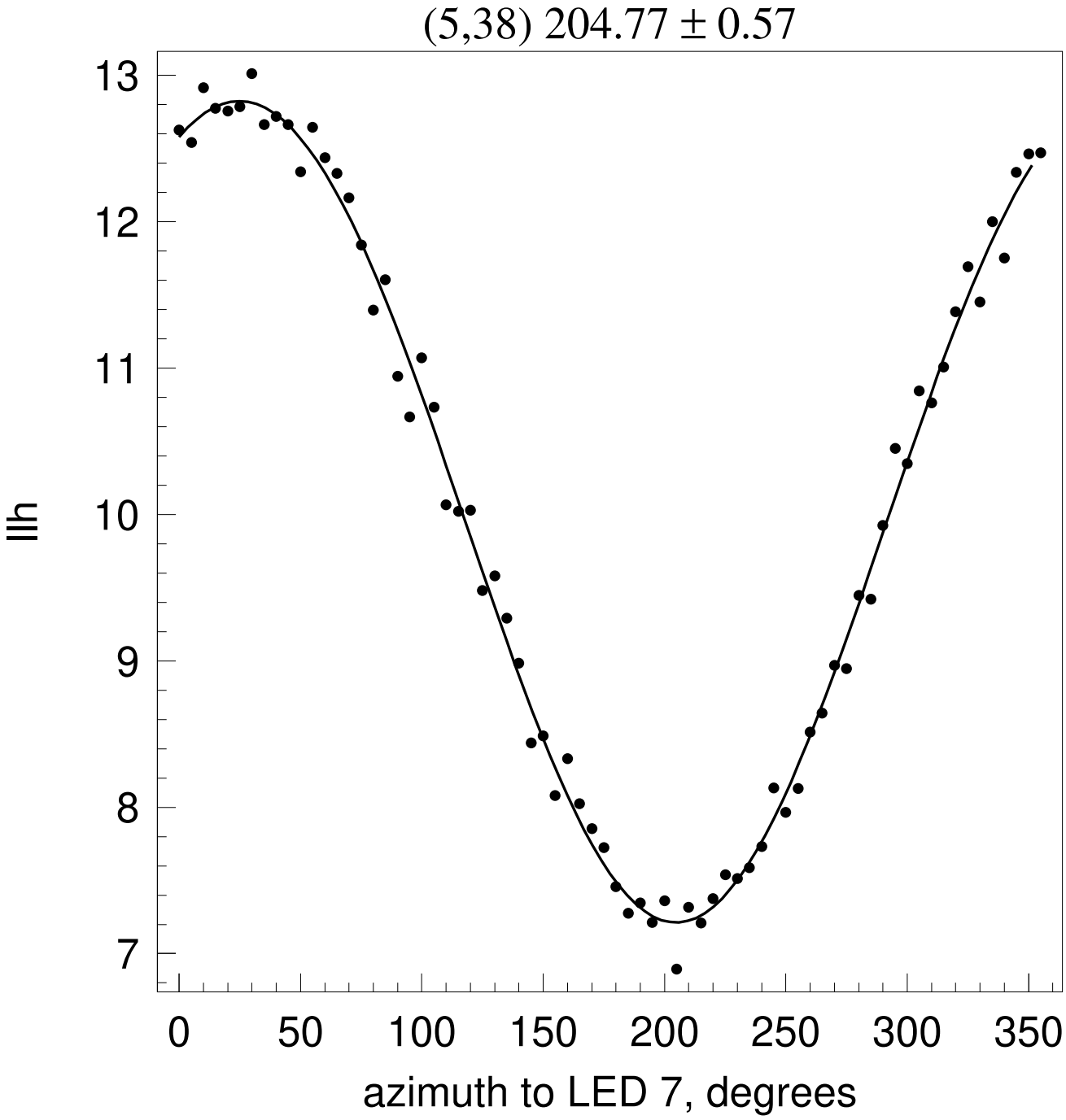

(5,33) 242.34 ± 1.89
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

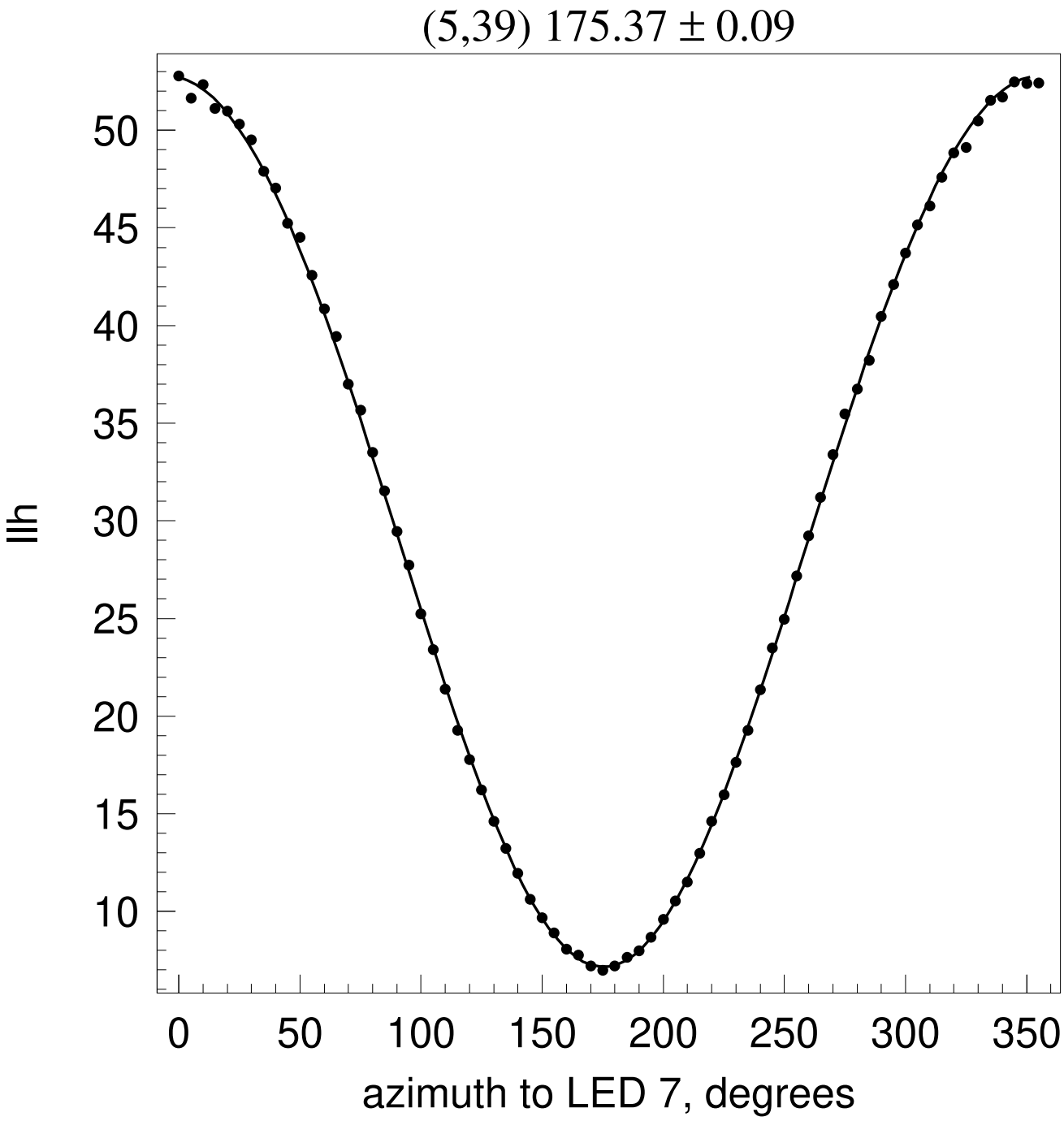

(5,34) 304.09 ± 0.05
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

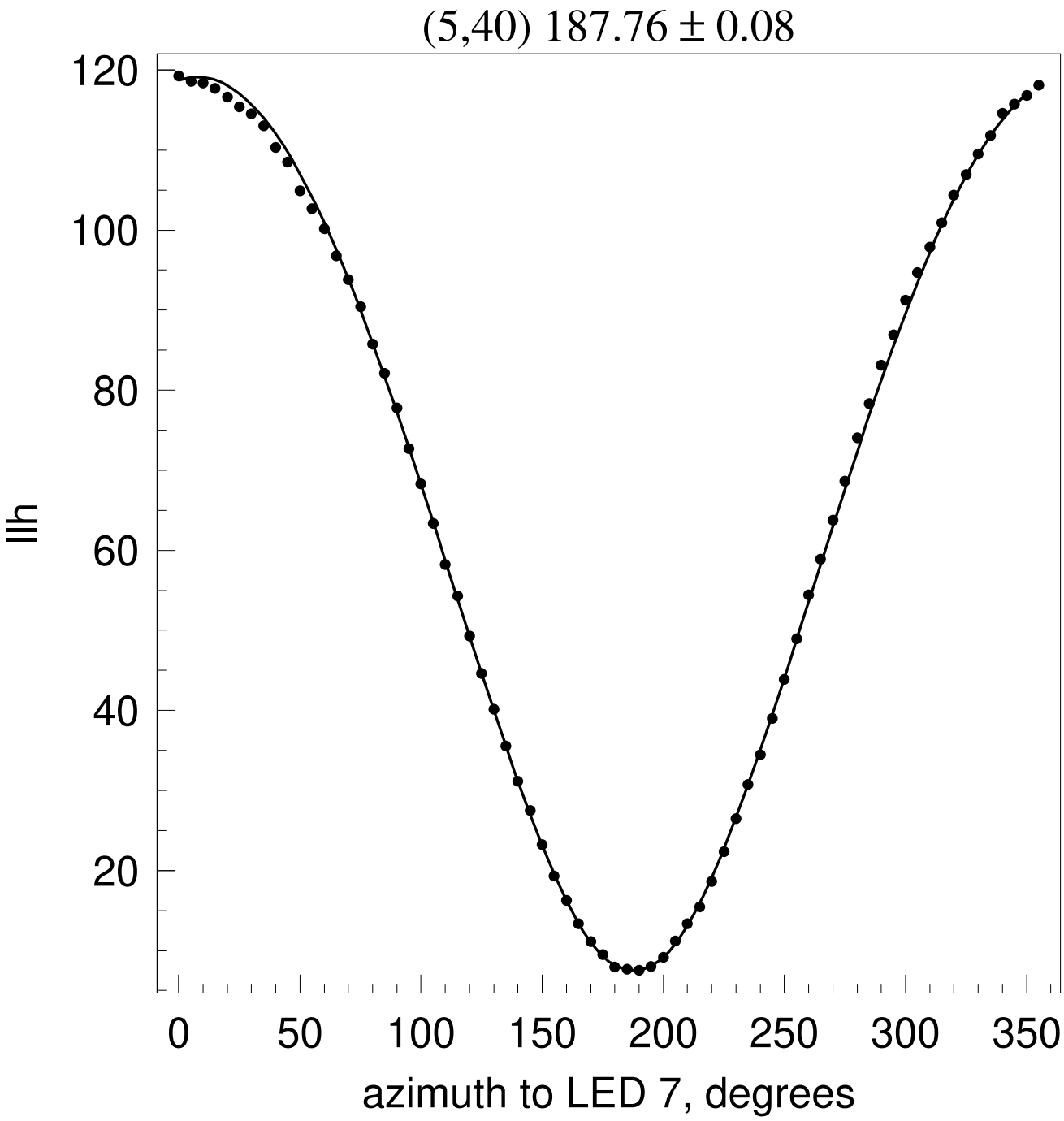

(5,35) 47.32 ± 14.14
10.4
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

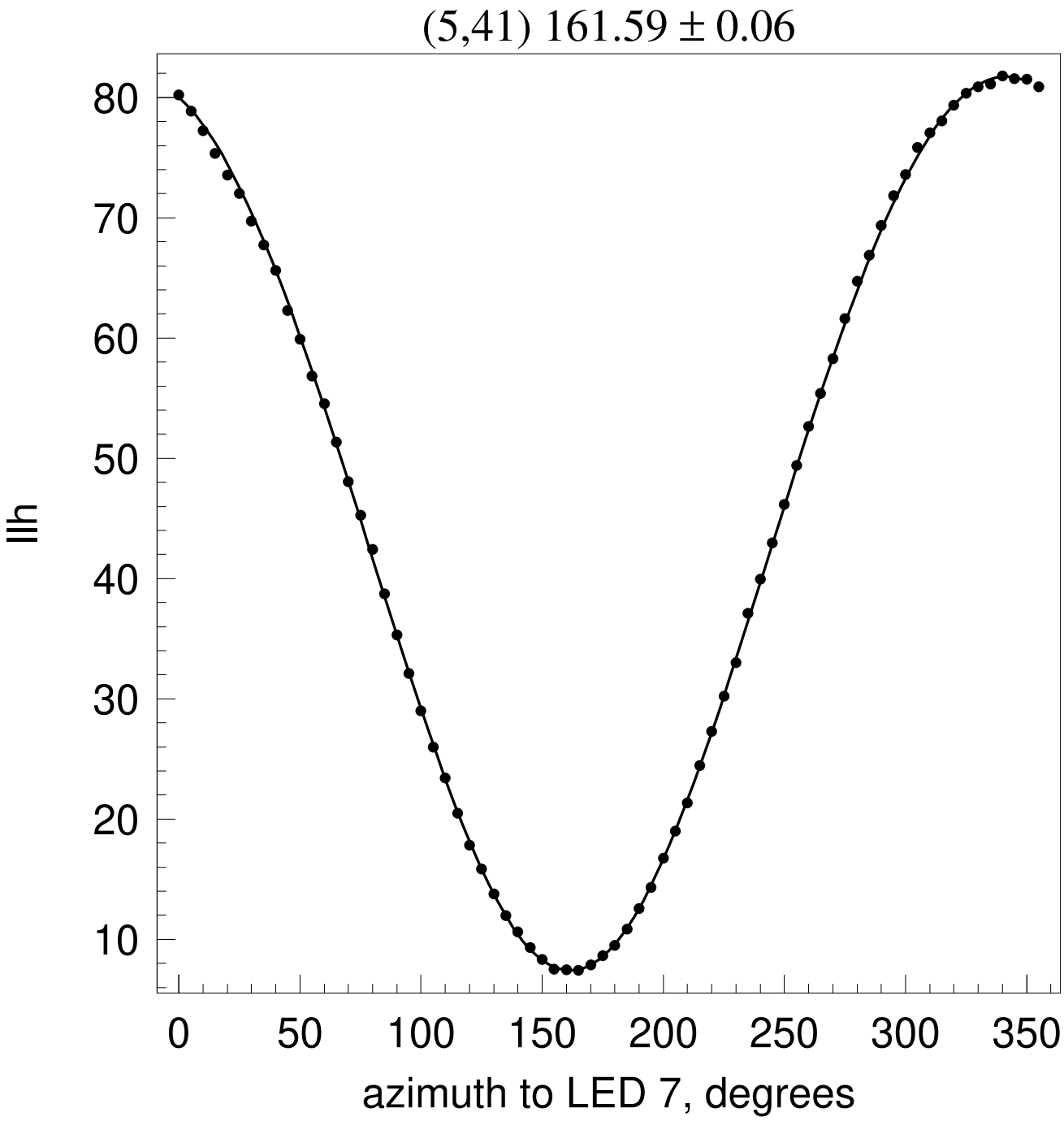

(5,36) 294.02 ± 30.65
19
18.75
18.5
18.25
18
17.75
17.5
17.25
17
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

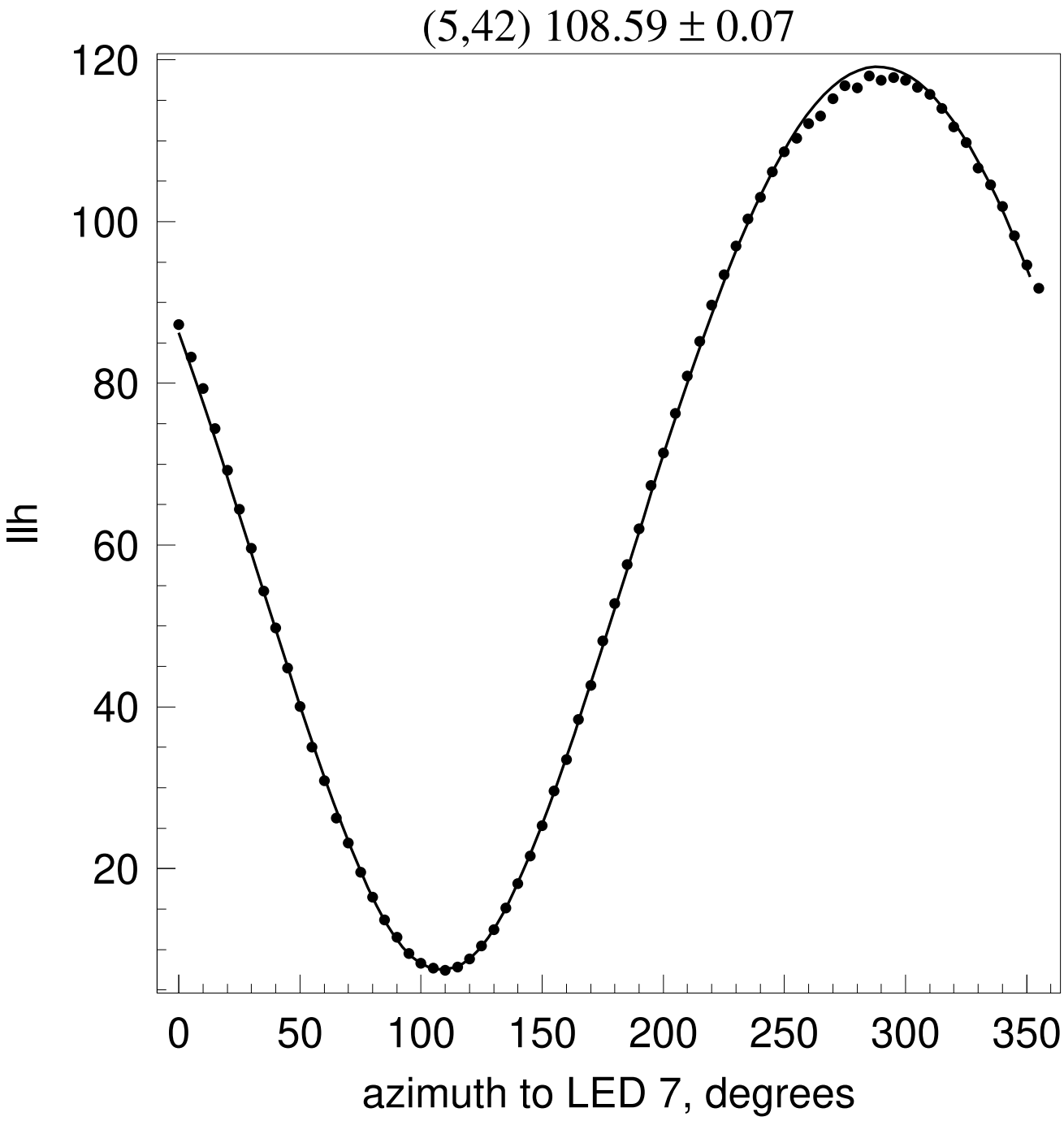

(5,37) 82.66 ± 10.94
10.4
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

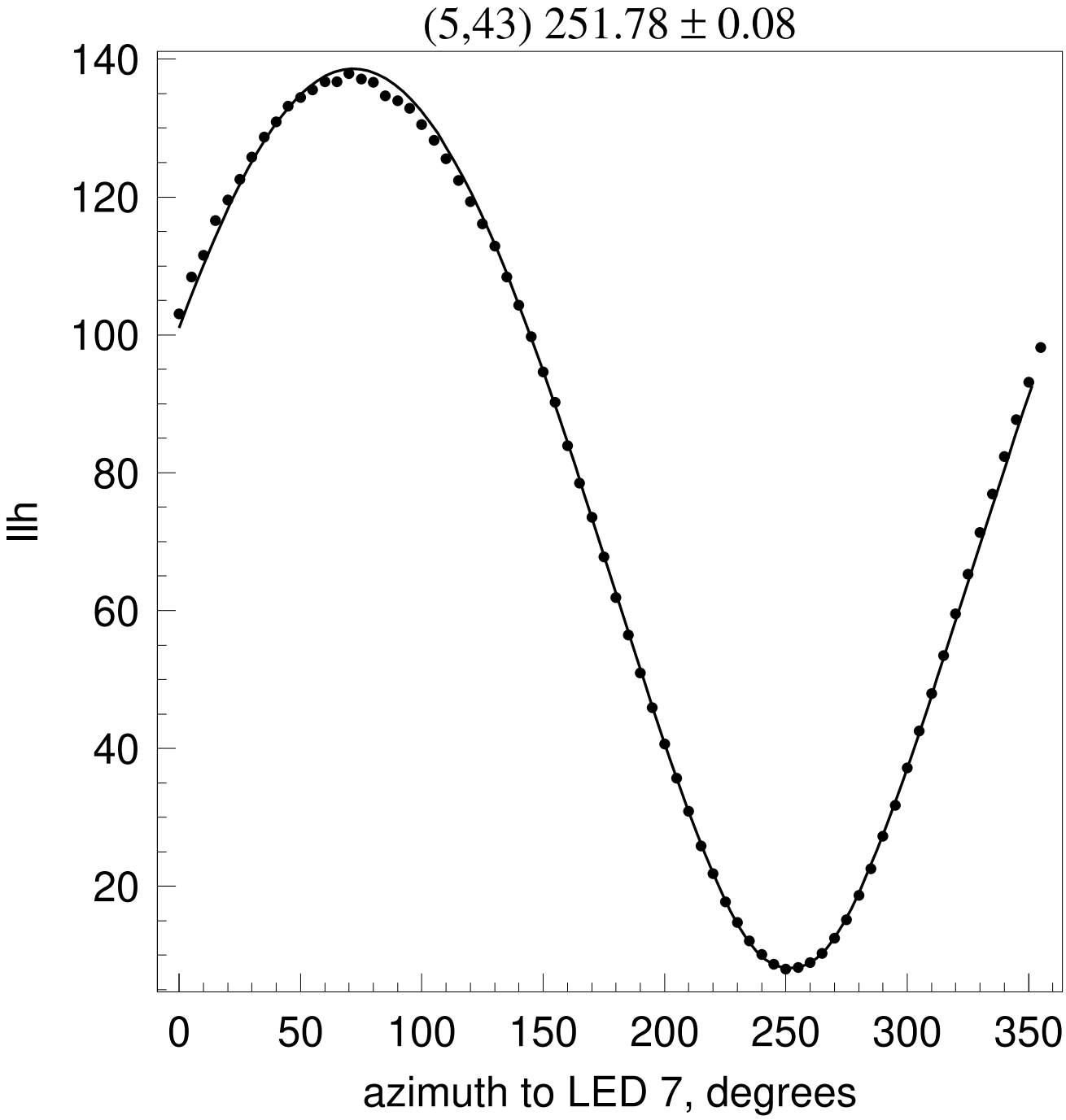

(5,38) 204.77 ± 0.57
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

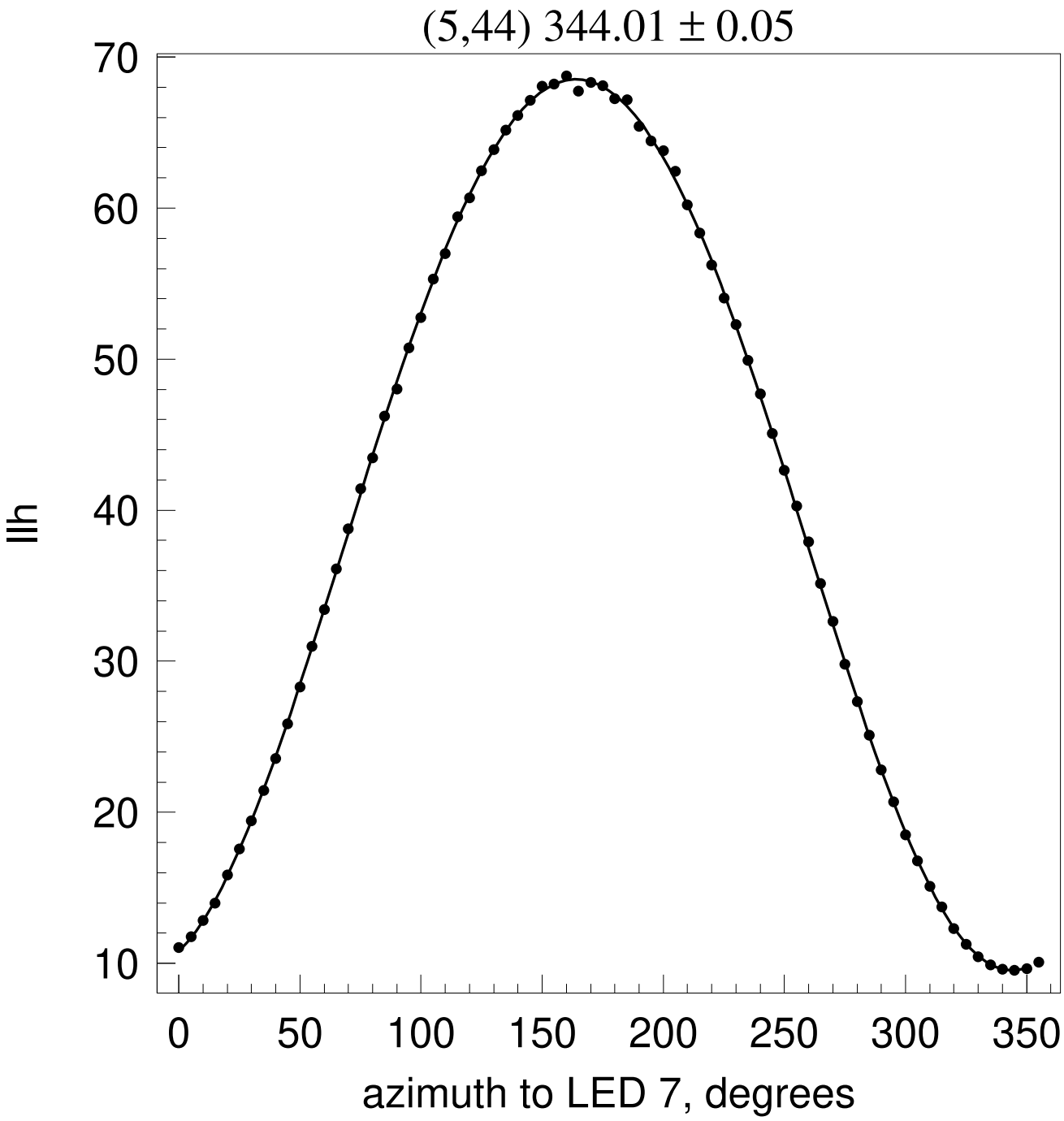

(5,39) 175.37 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

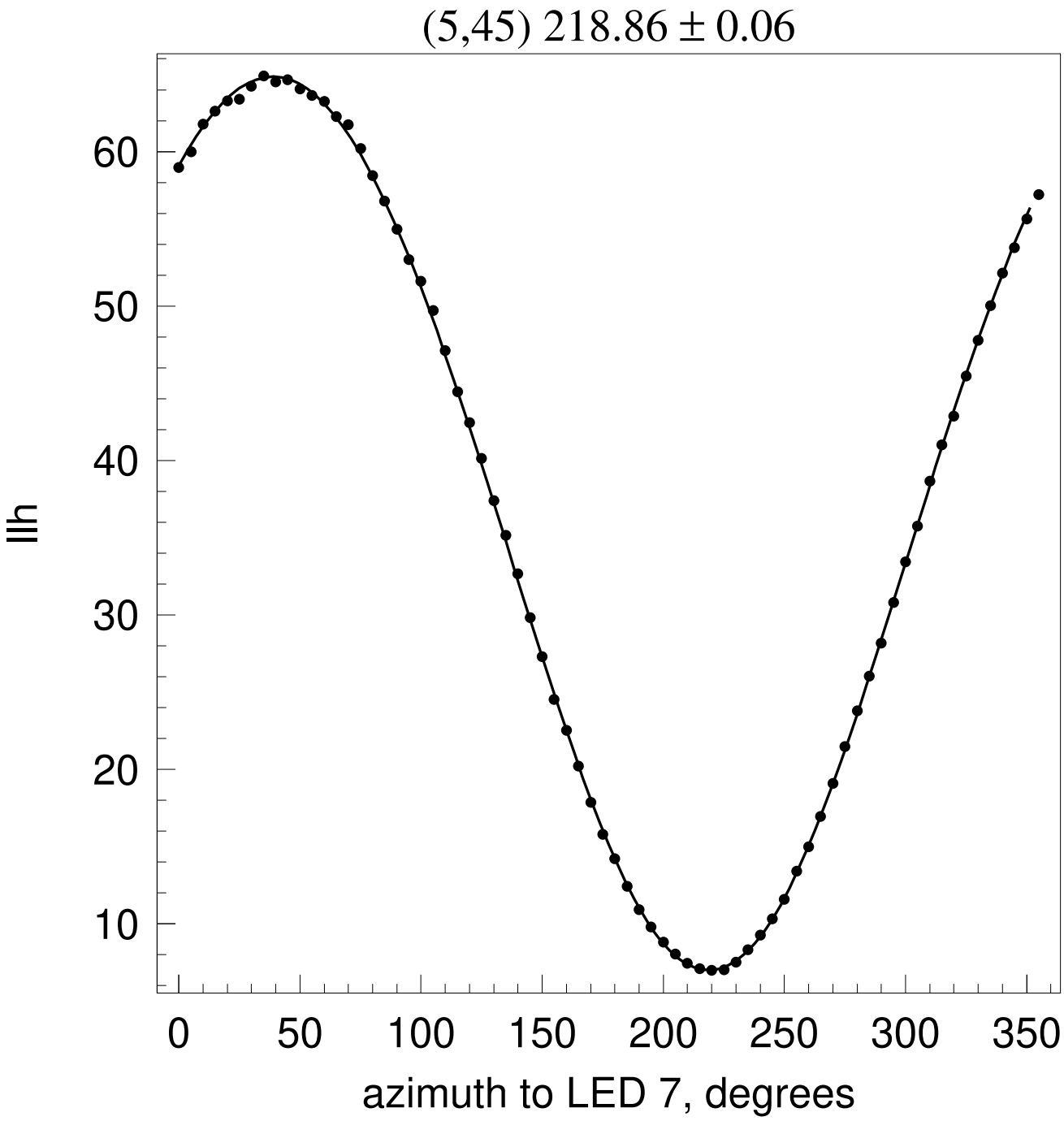

(5,40) 187.76 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

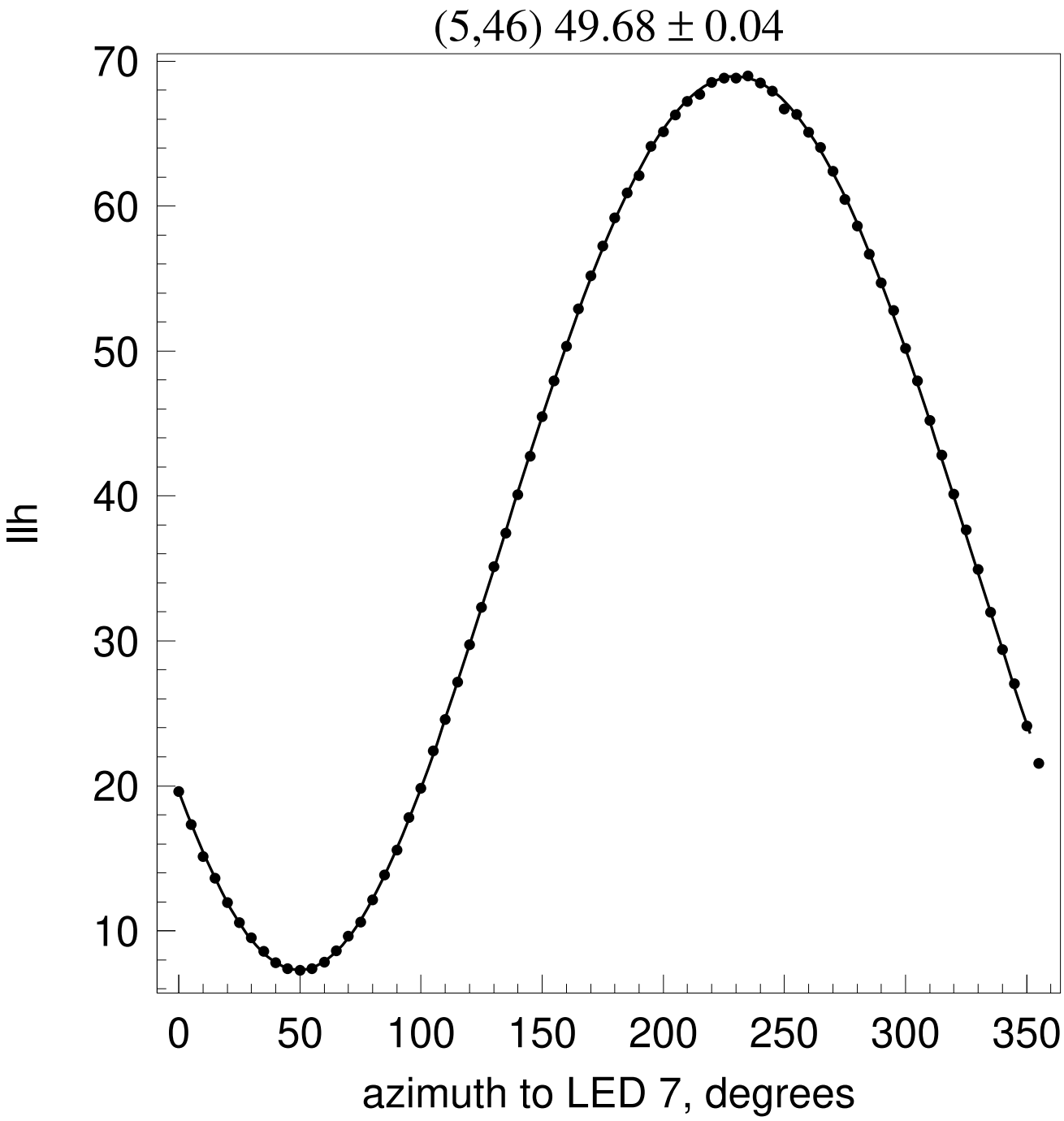

(5,41) 161.59 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

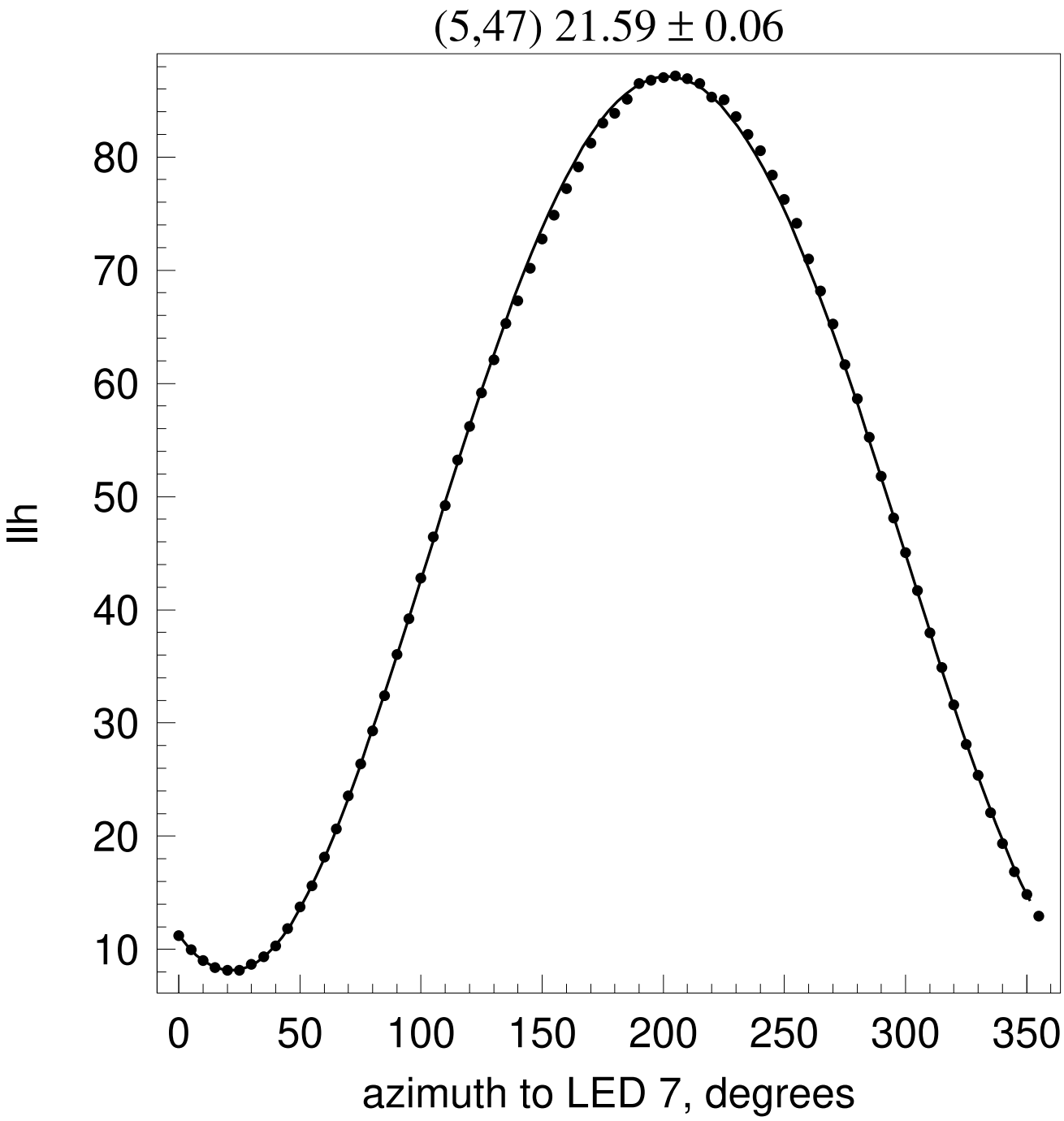

(5,42) 108.59 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

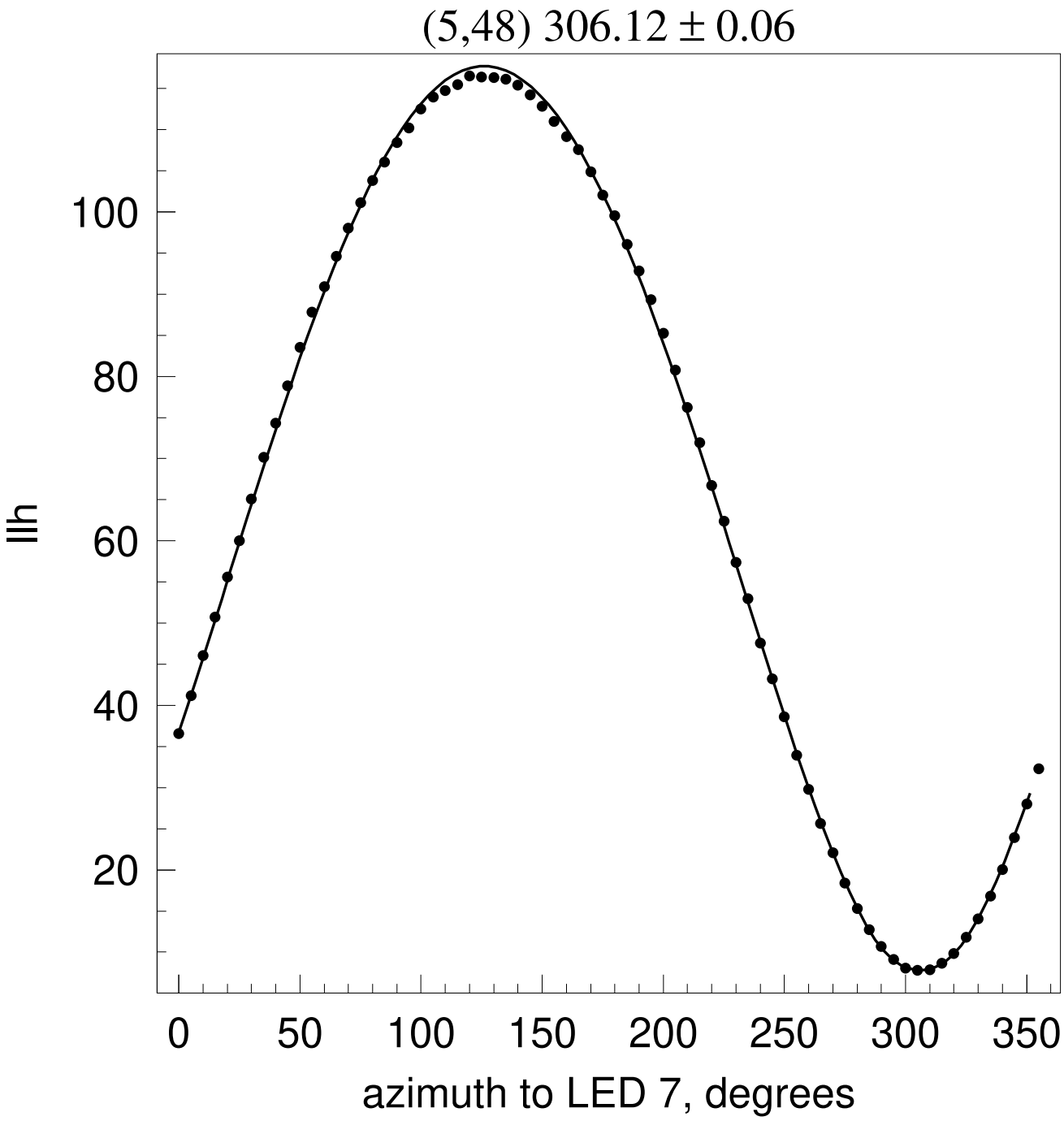

(5,43) 251.78 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

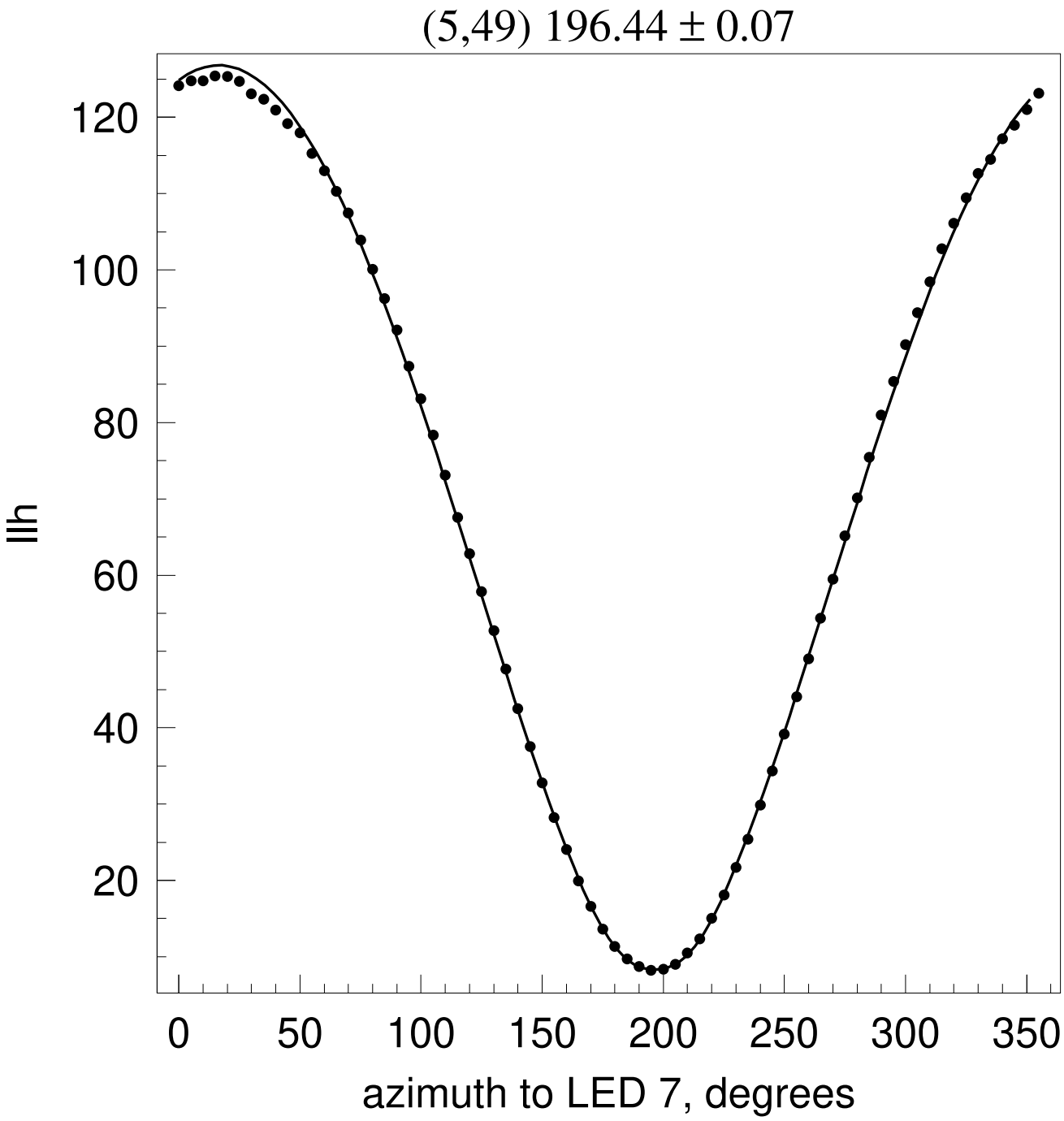

(5,44) 344.01 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

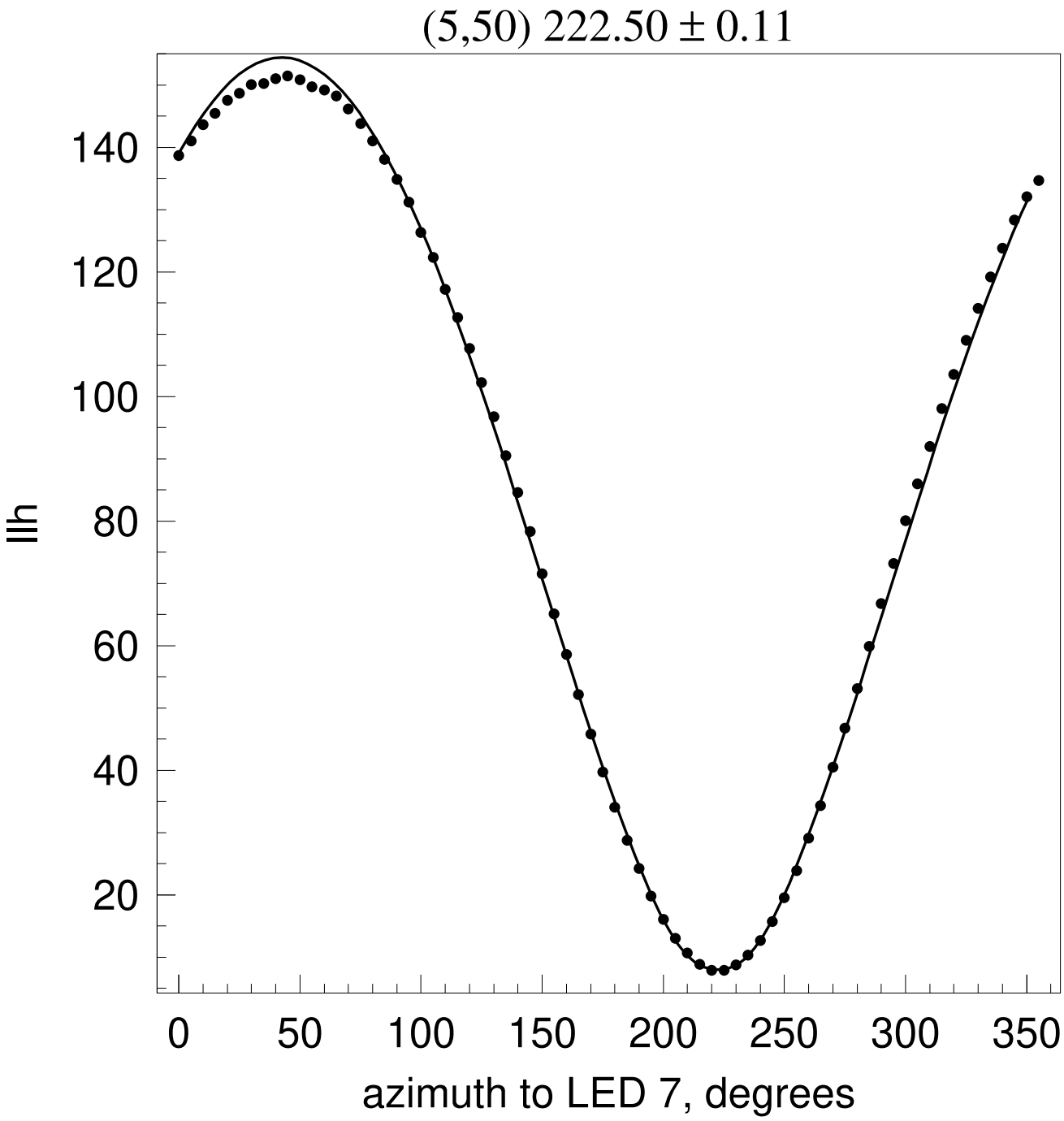

(5,45) 218.86 ± 0.06
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

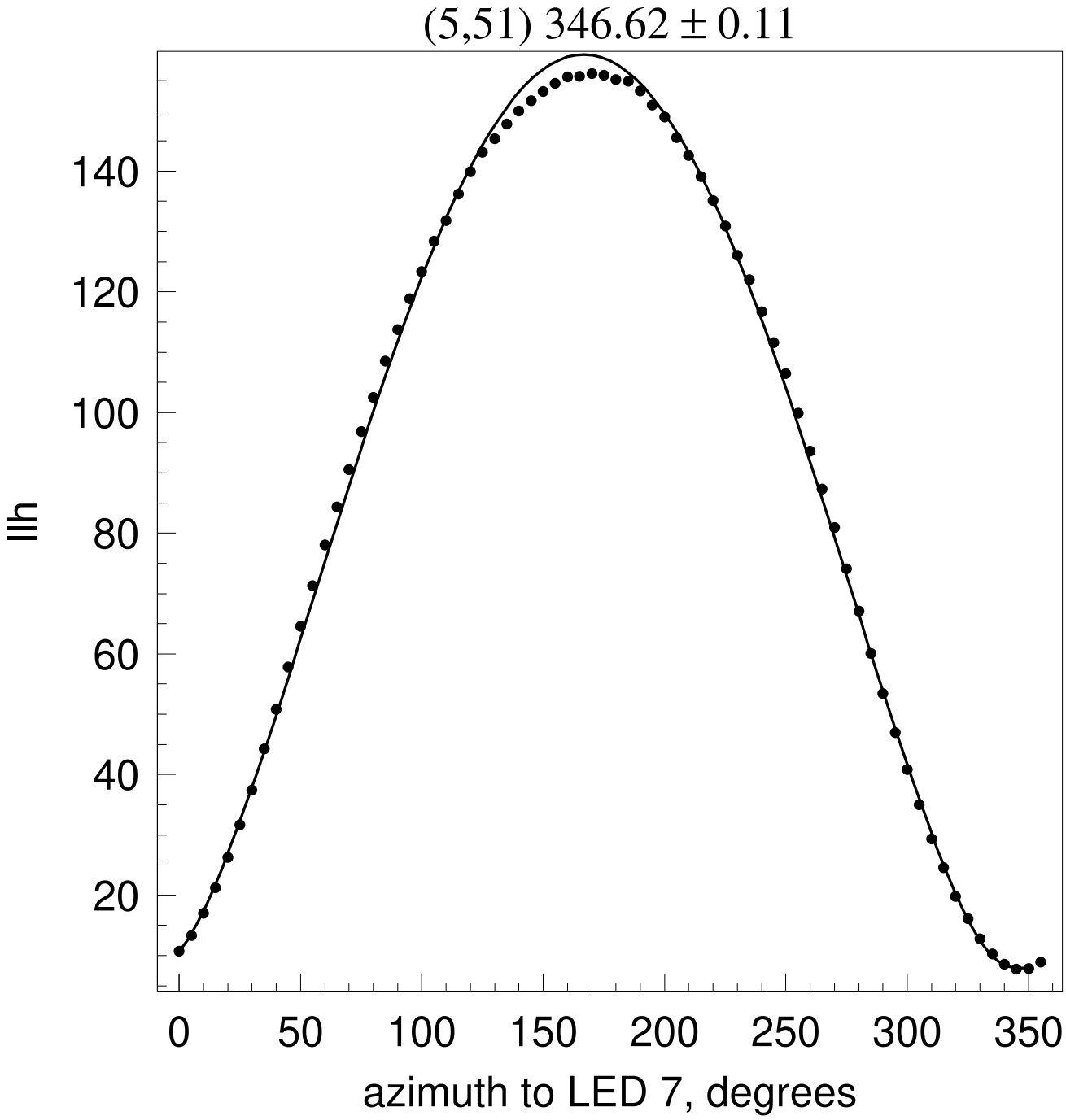

(5,46) 49.68 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

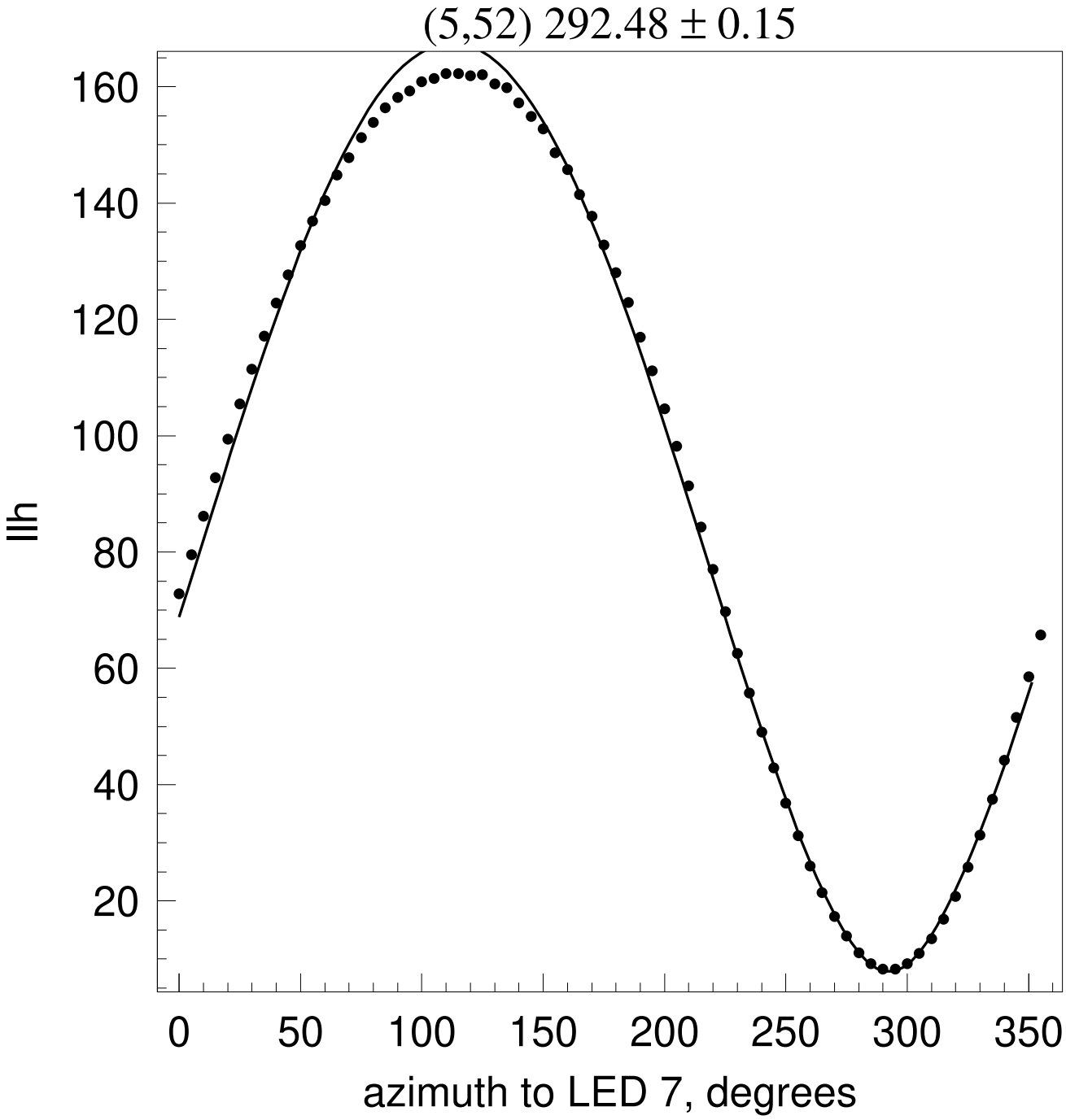

(5,47) 21.59 ± 0.06
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

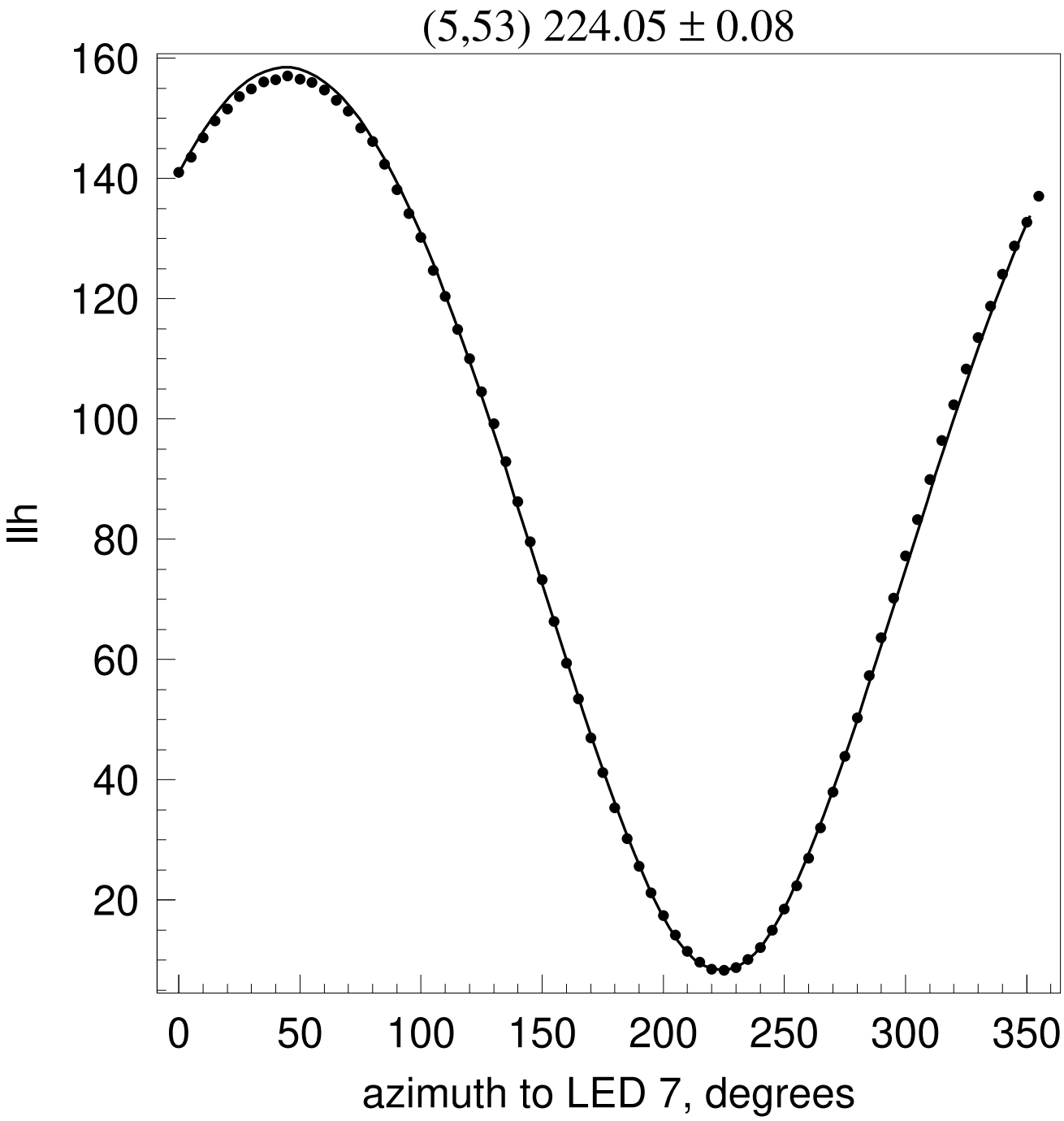

(5,48) 306.12 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

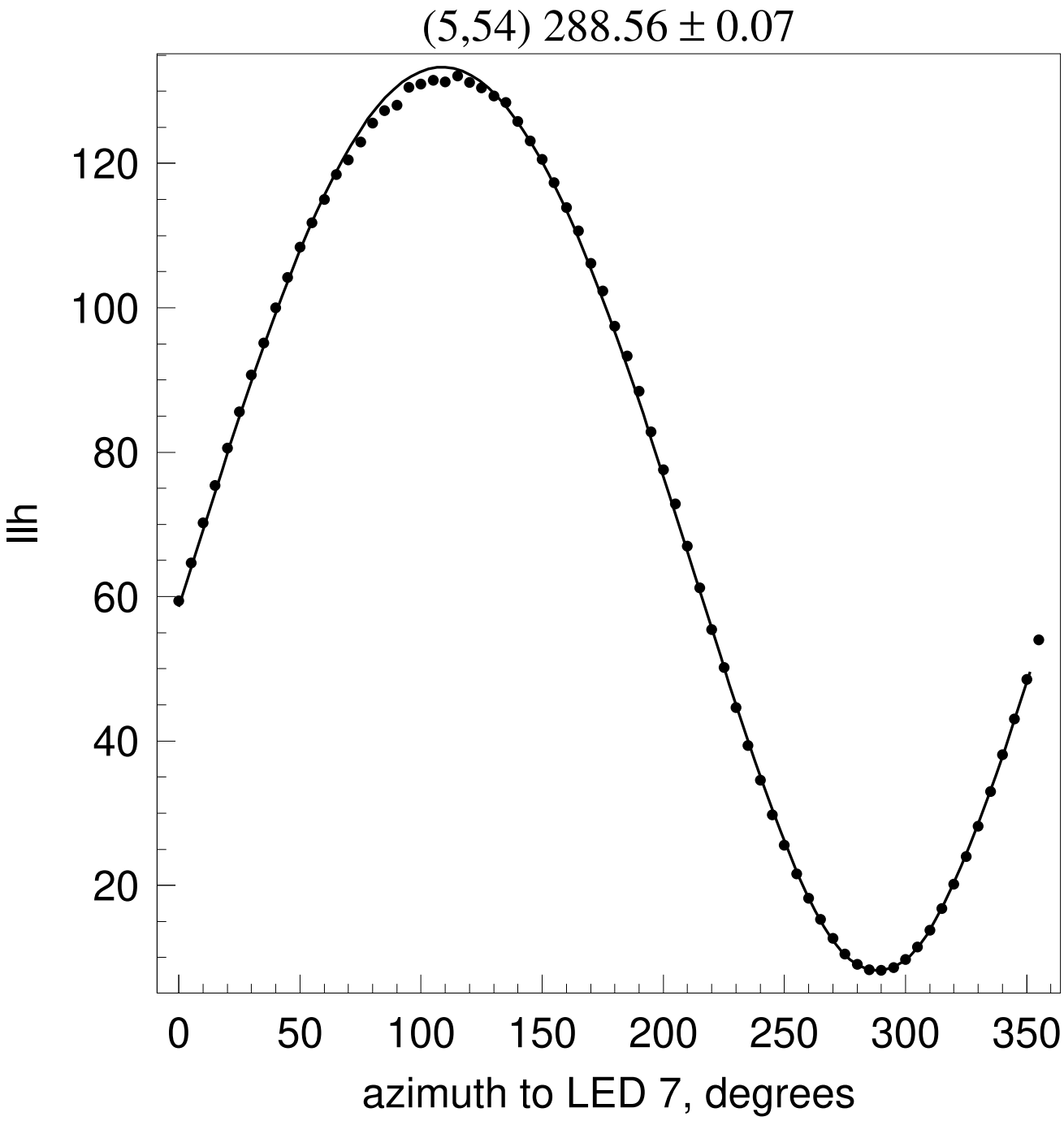

(5,49) 196.44 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

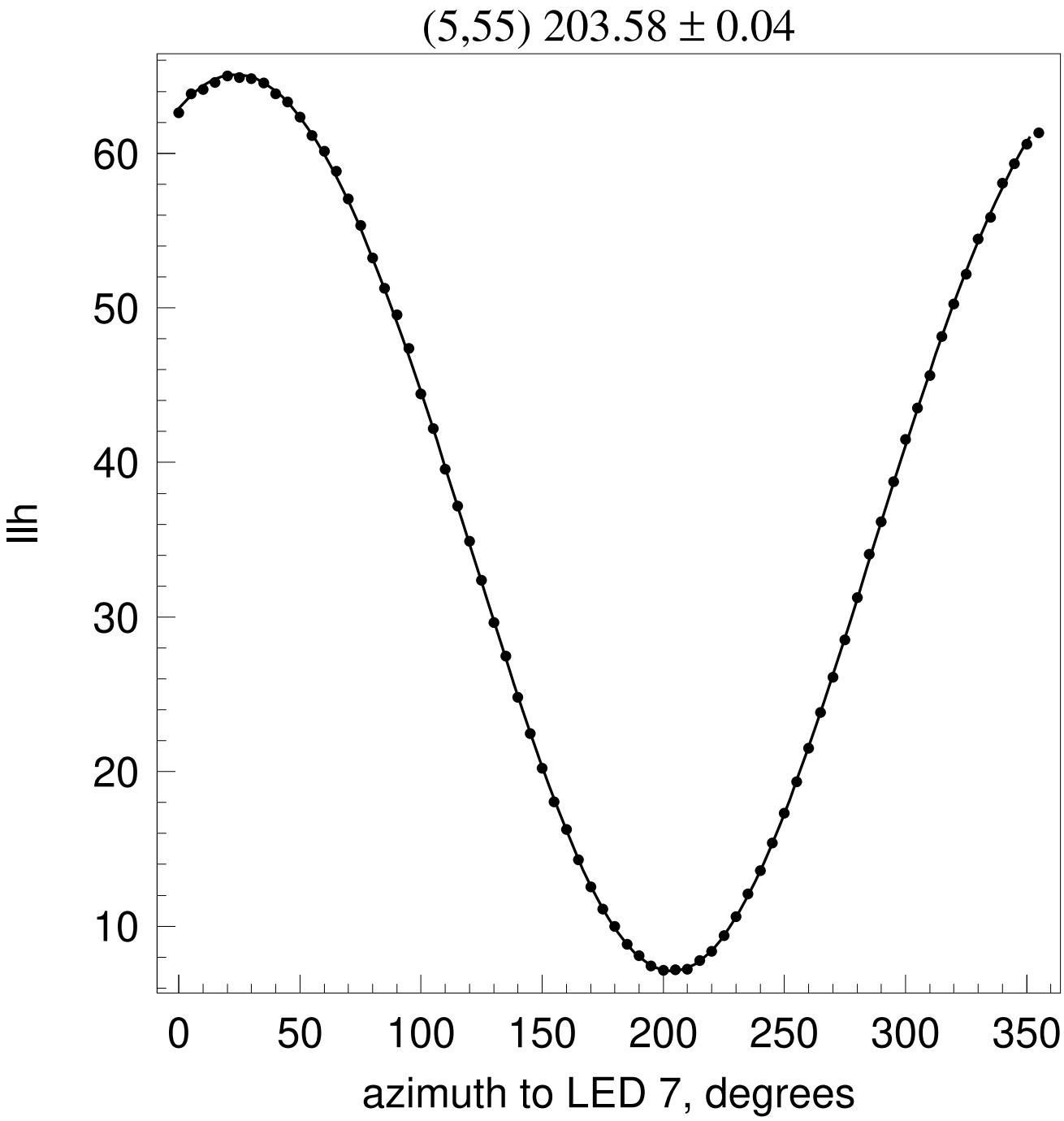

(5,50) 222.50 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

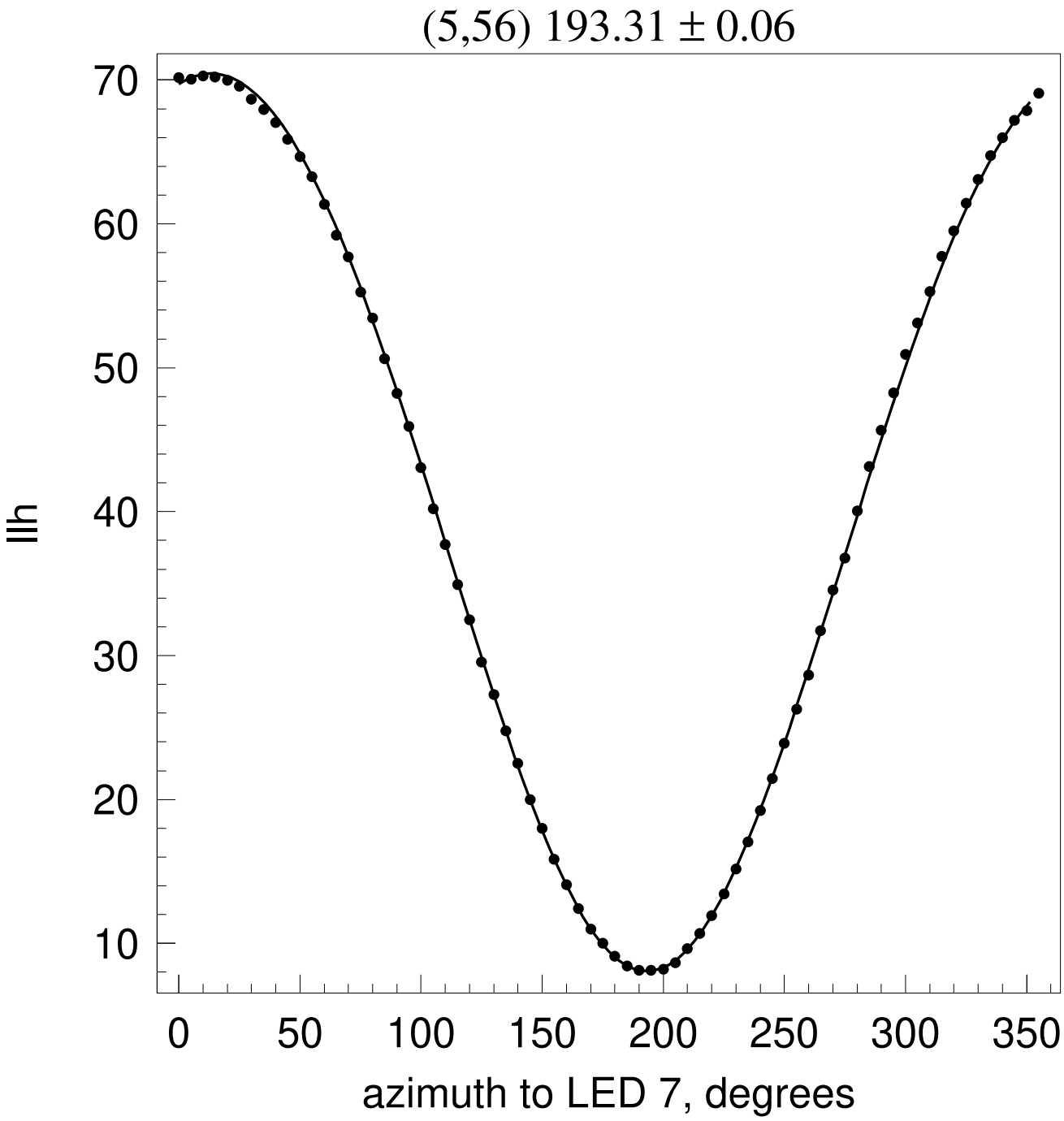

(5,51) 346.62 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

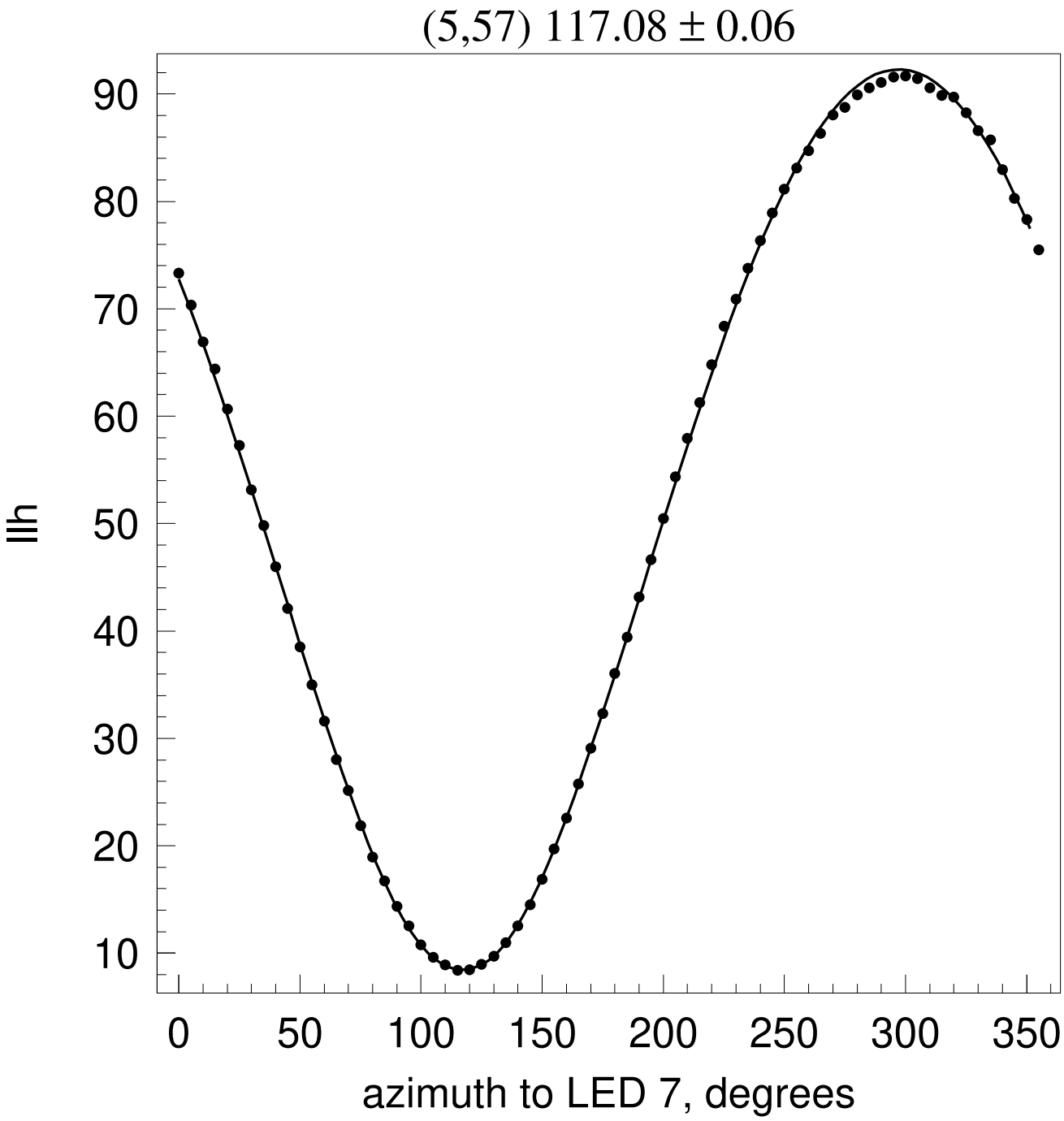

(5,52) 292.48 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

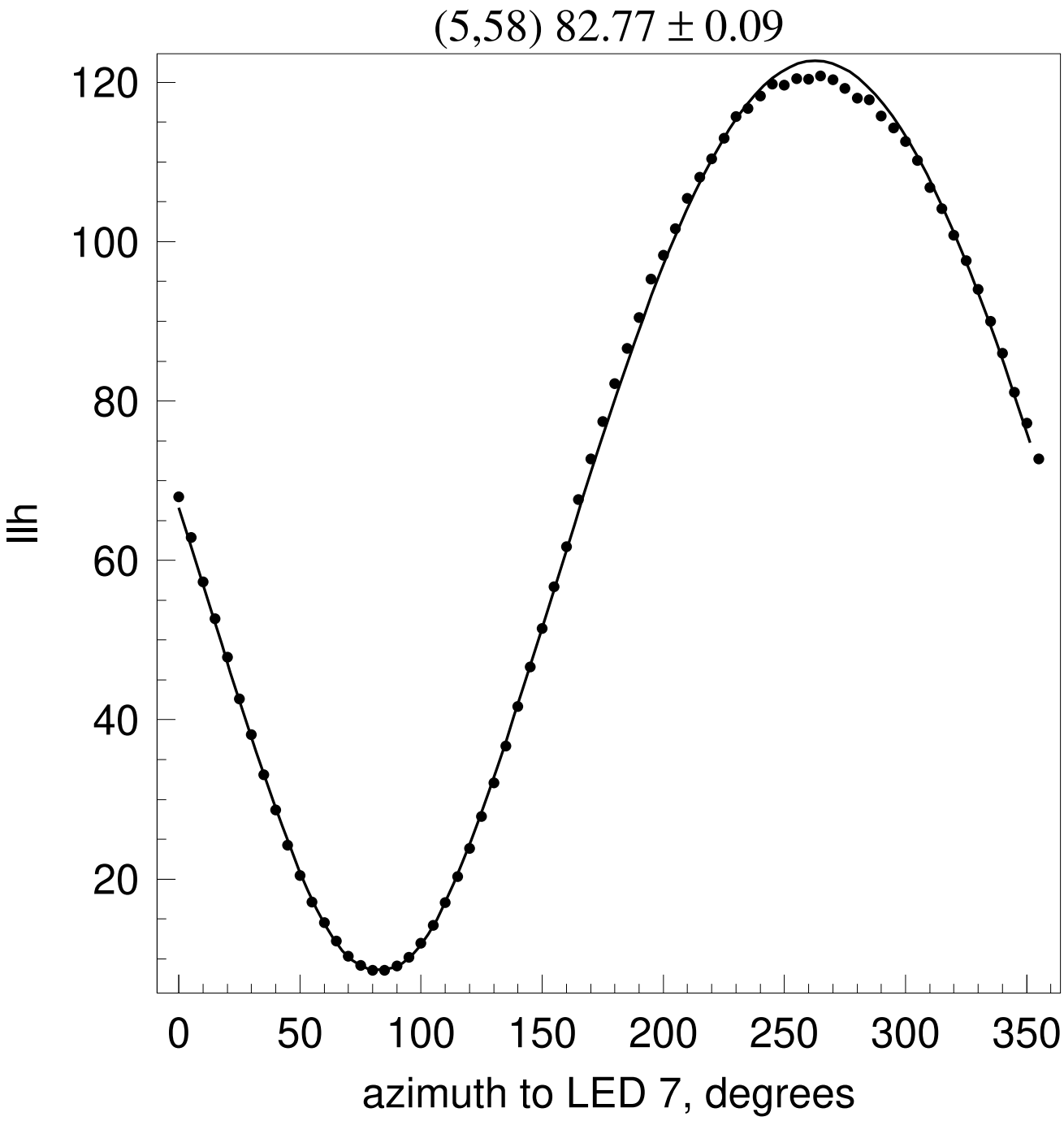

(5,53) 224.05 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

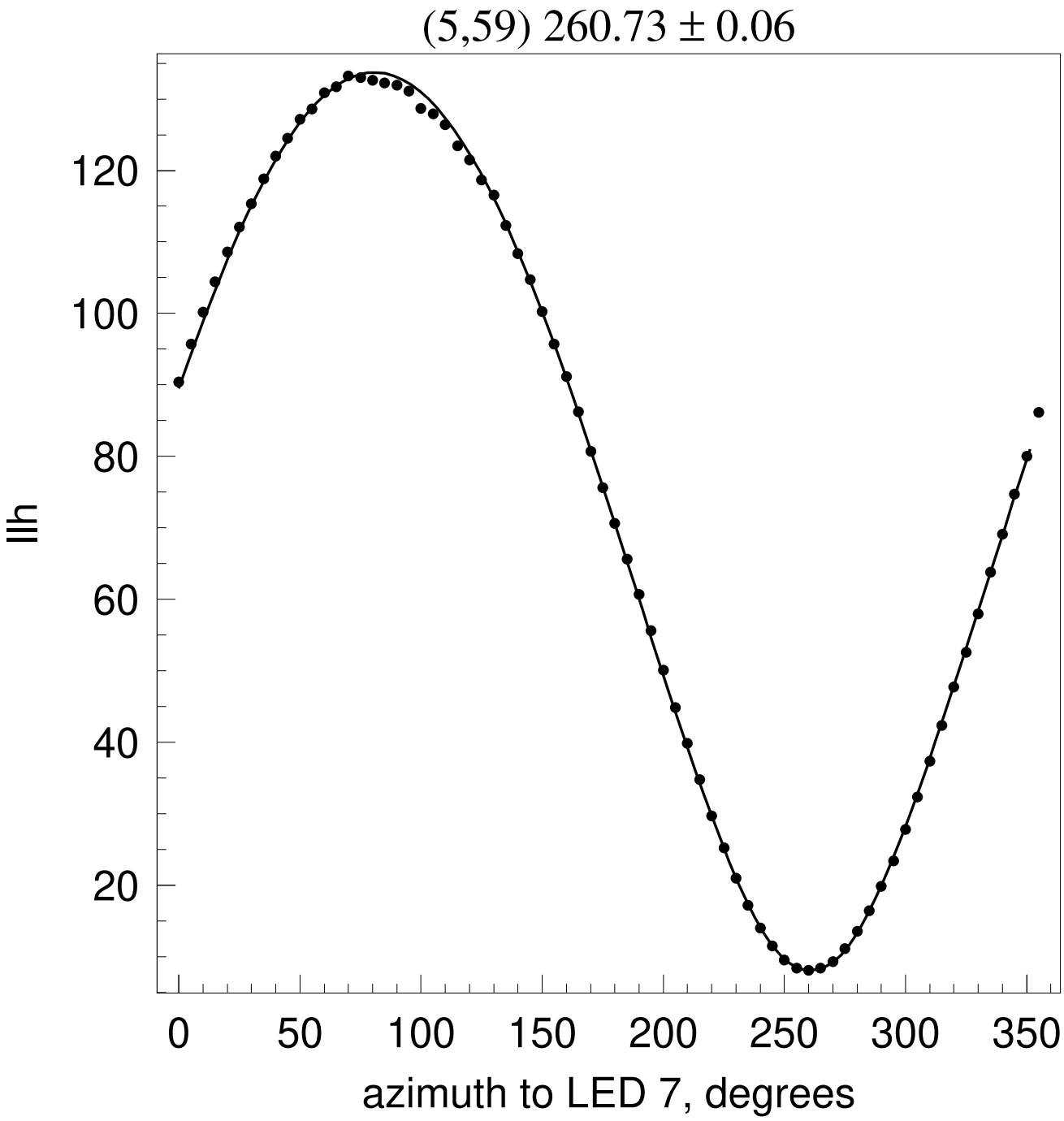

(5,54) 288.56 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

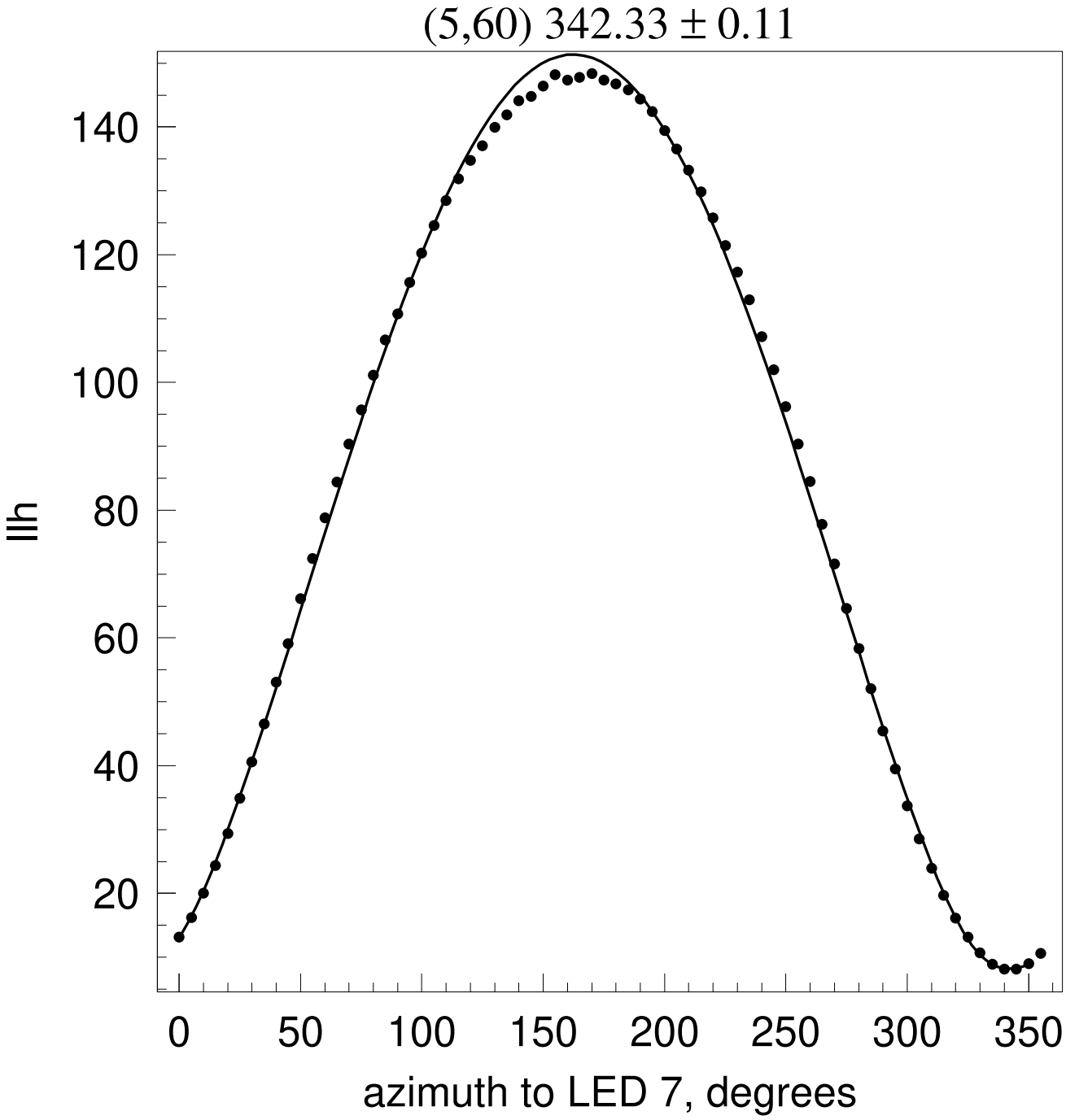

(5,55) 203.58 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

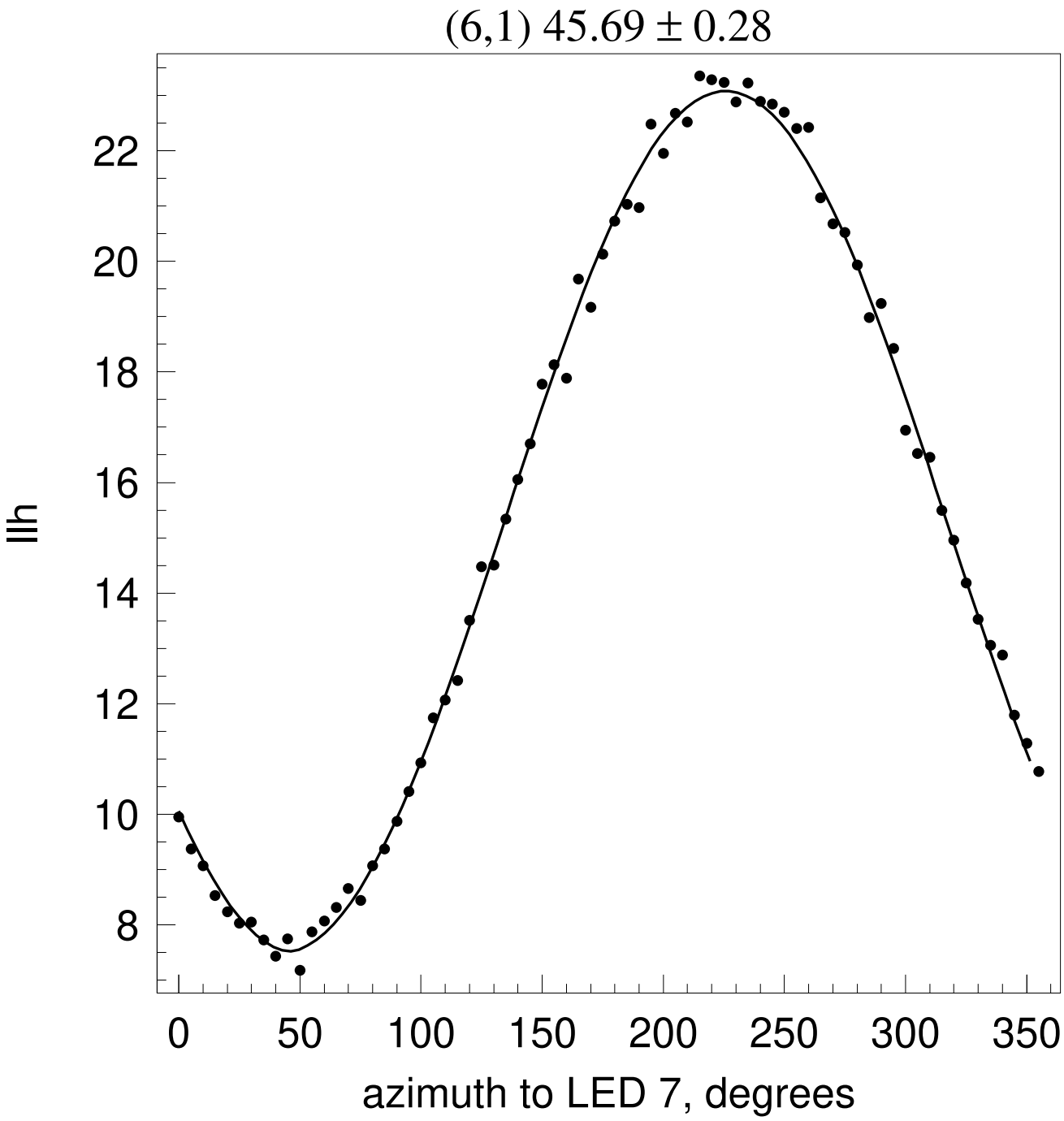

(5,56) 193.31 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

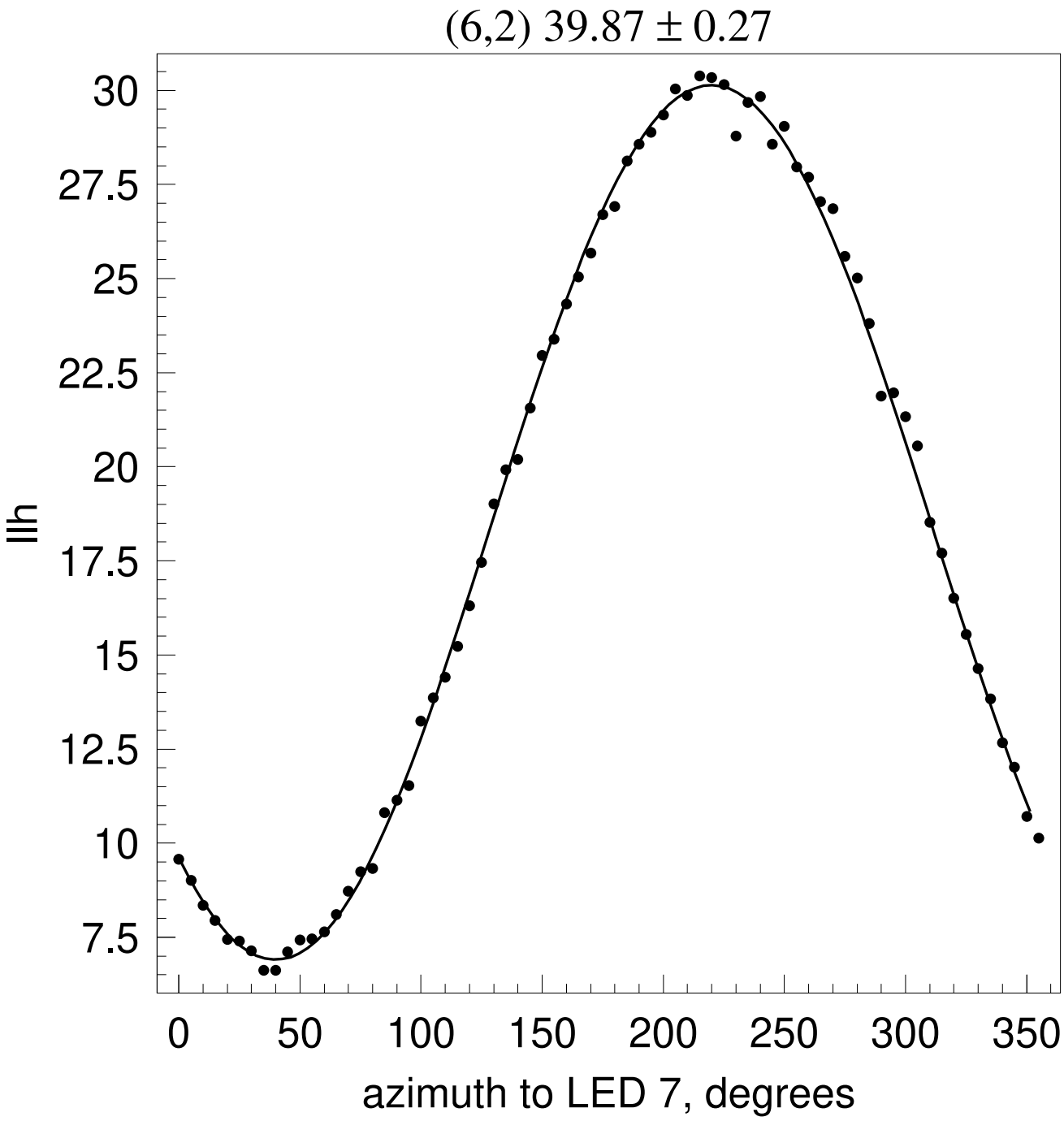

(5,57) 117.08 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

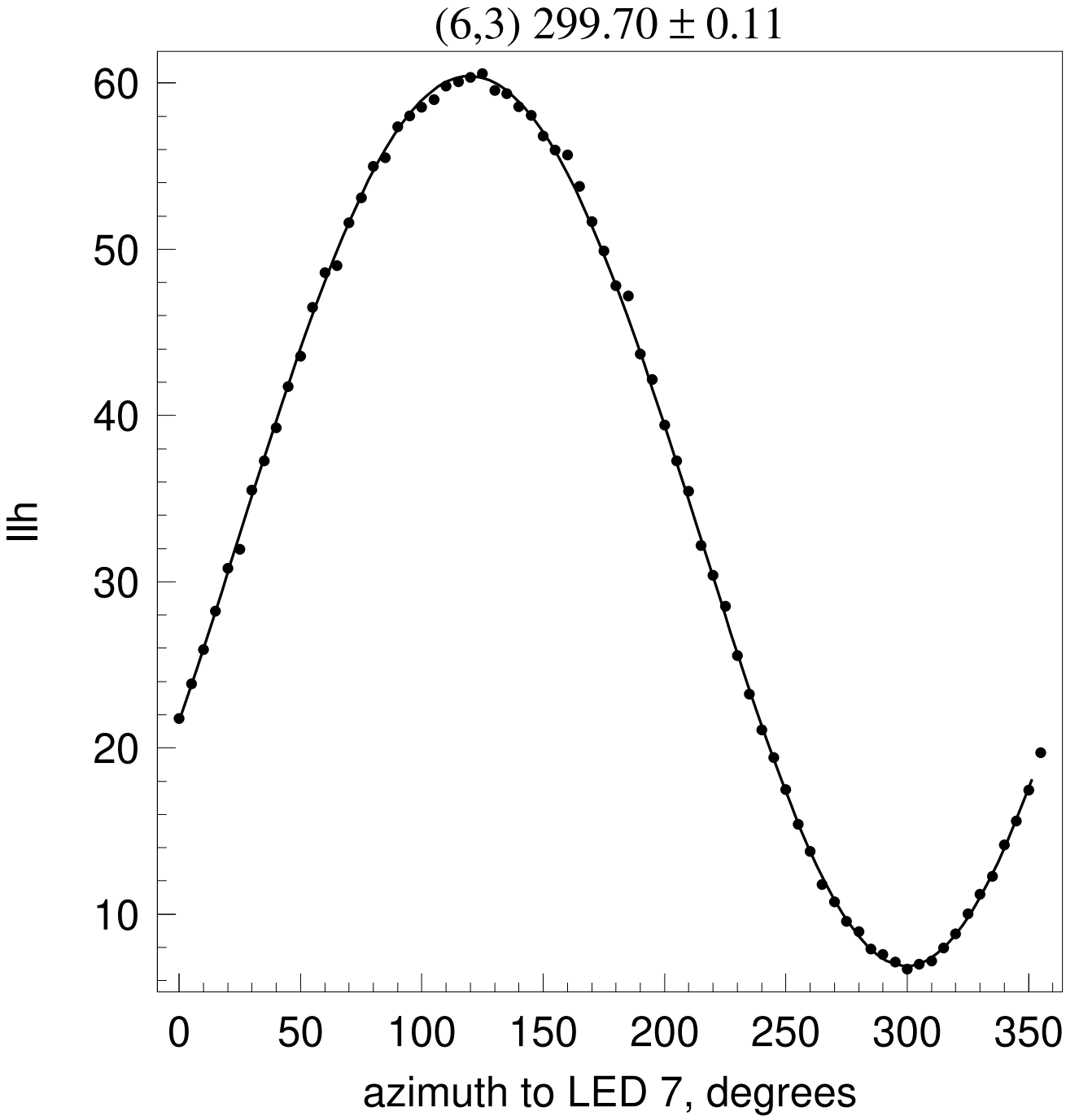

(5,58) 82.77 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

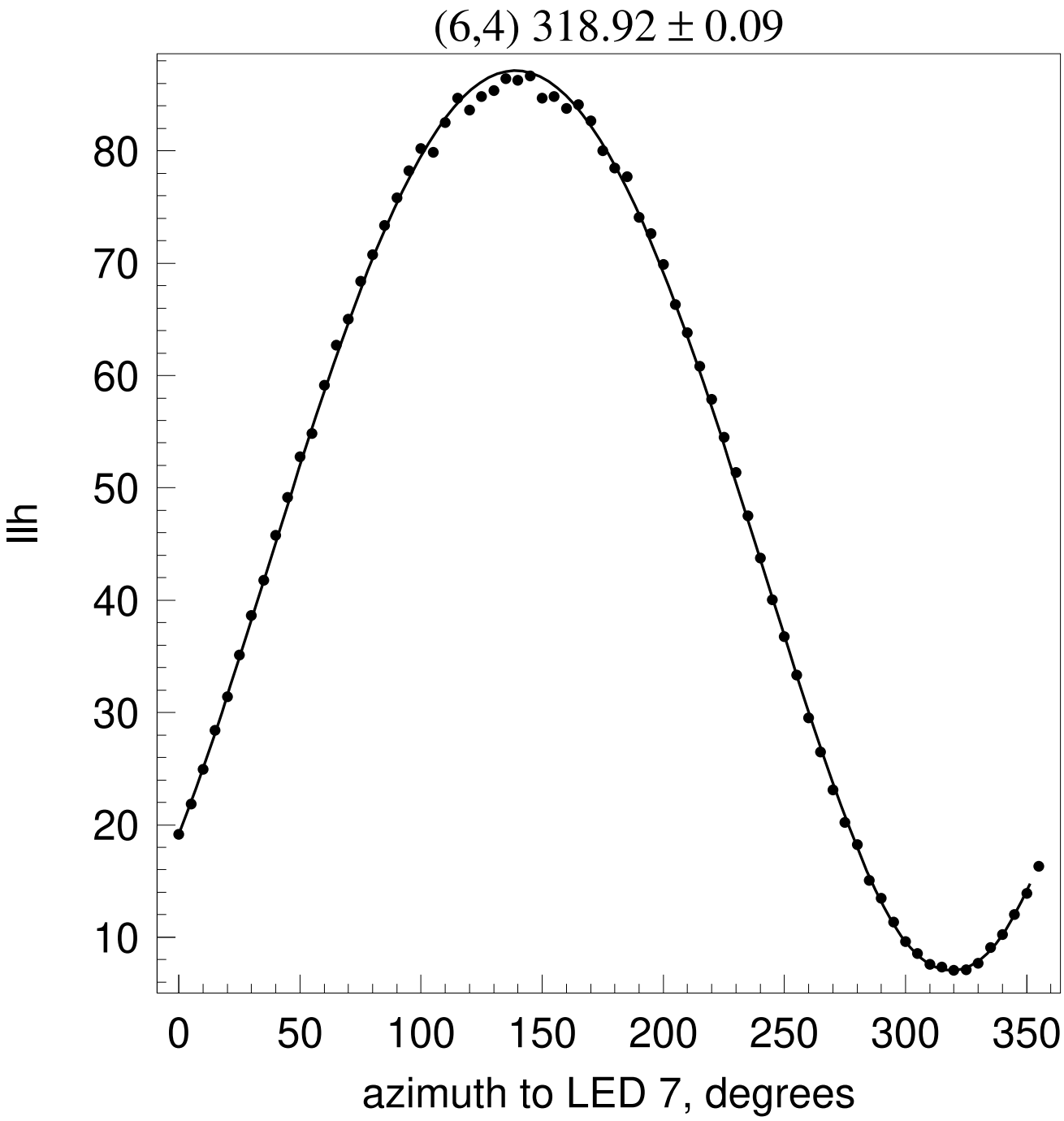

(5,59) 260.73 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

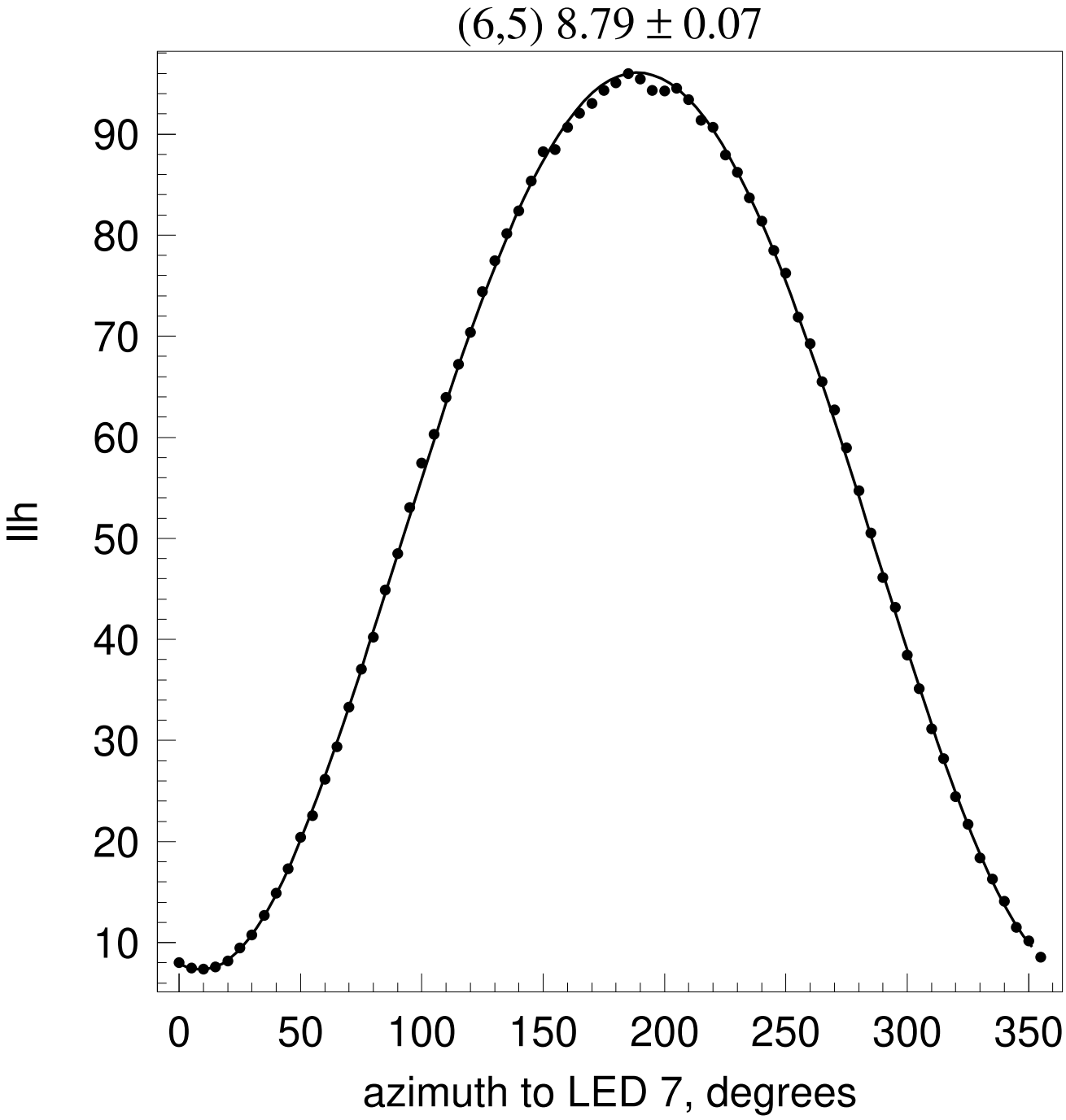

(5,60) 342.33 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

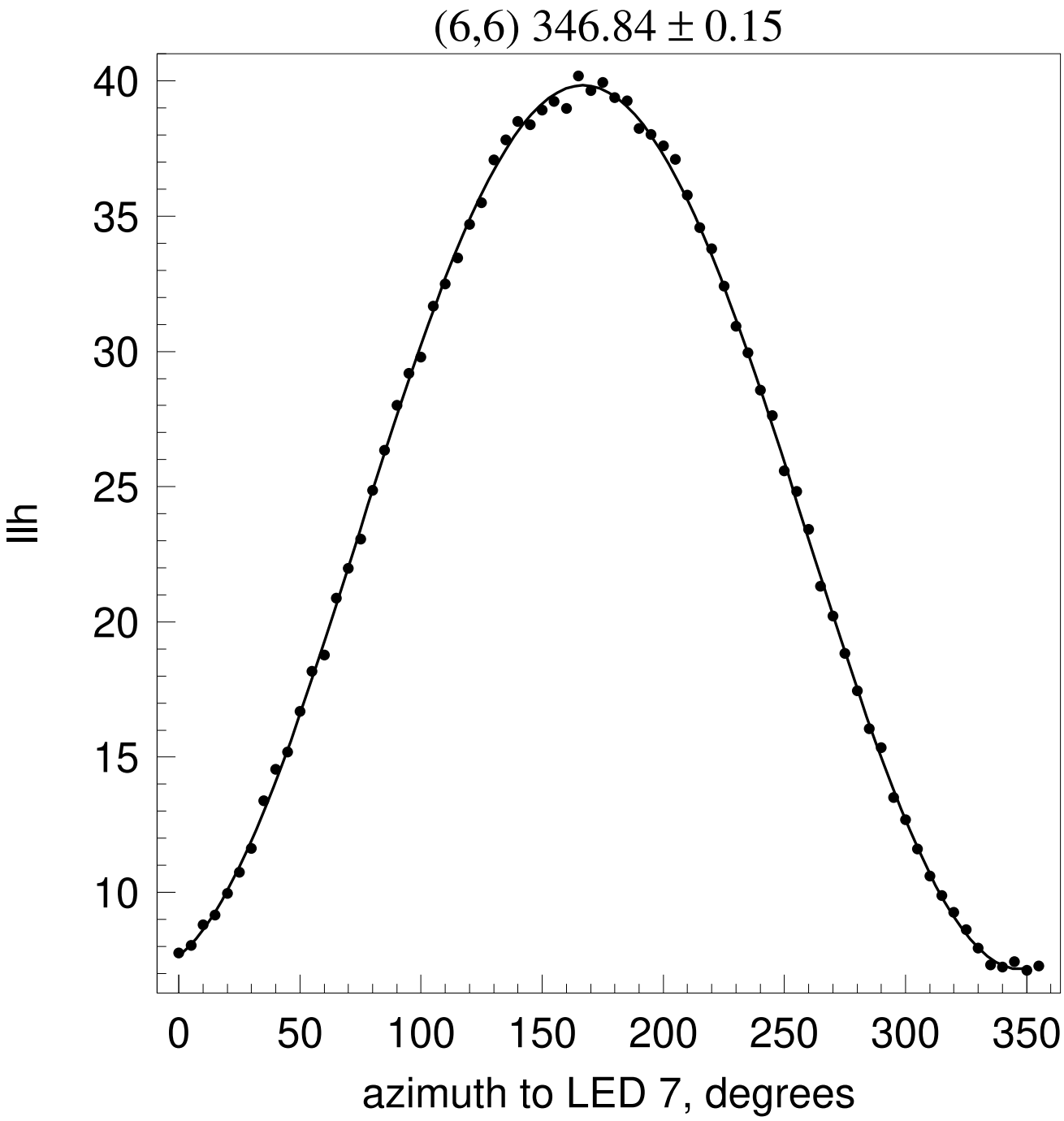

(6,1) 45.69 ± 0.28
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

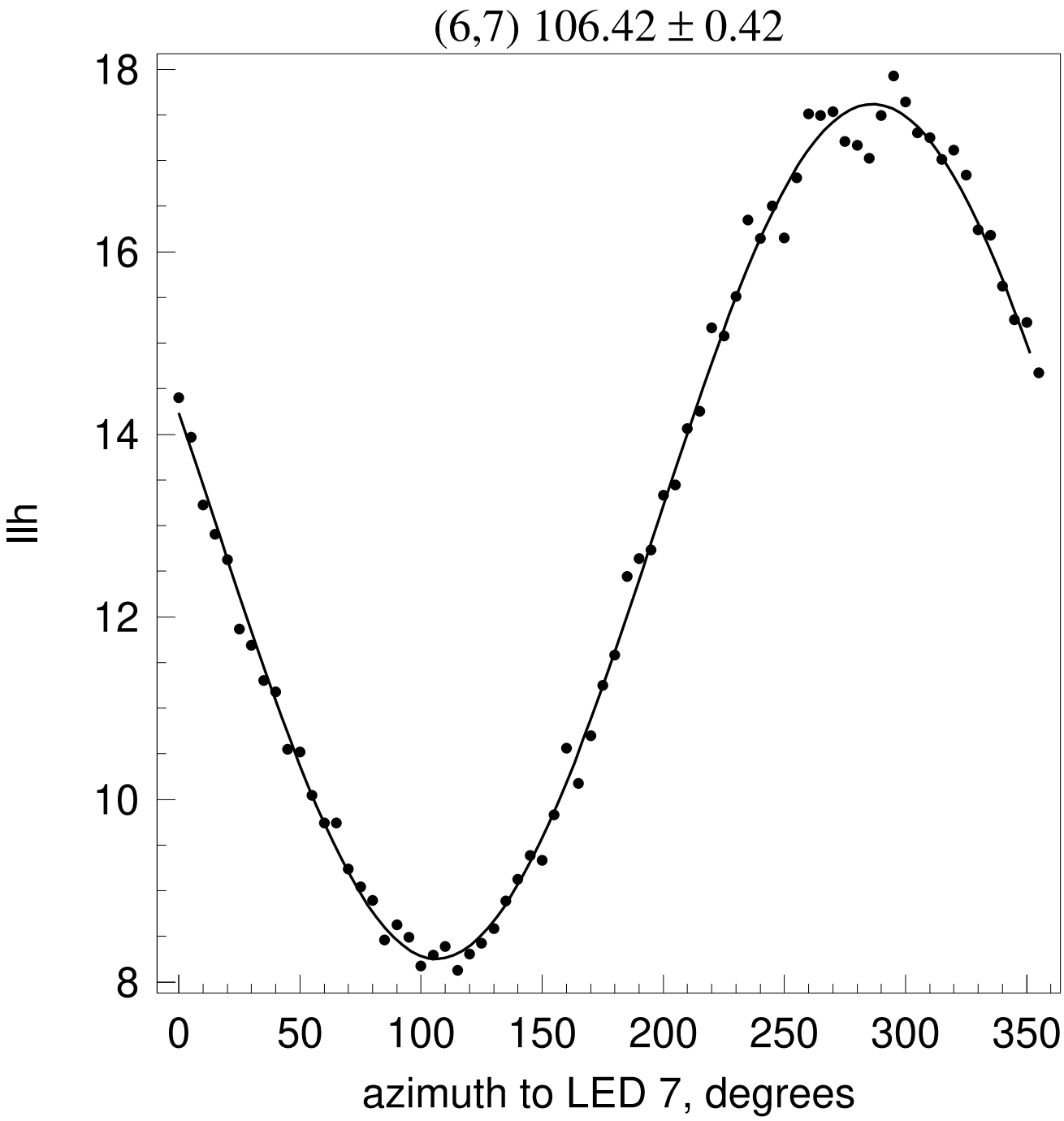

(6,2) 39.87 ± 0.27
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

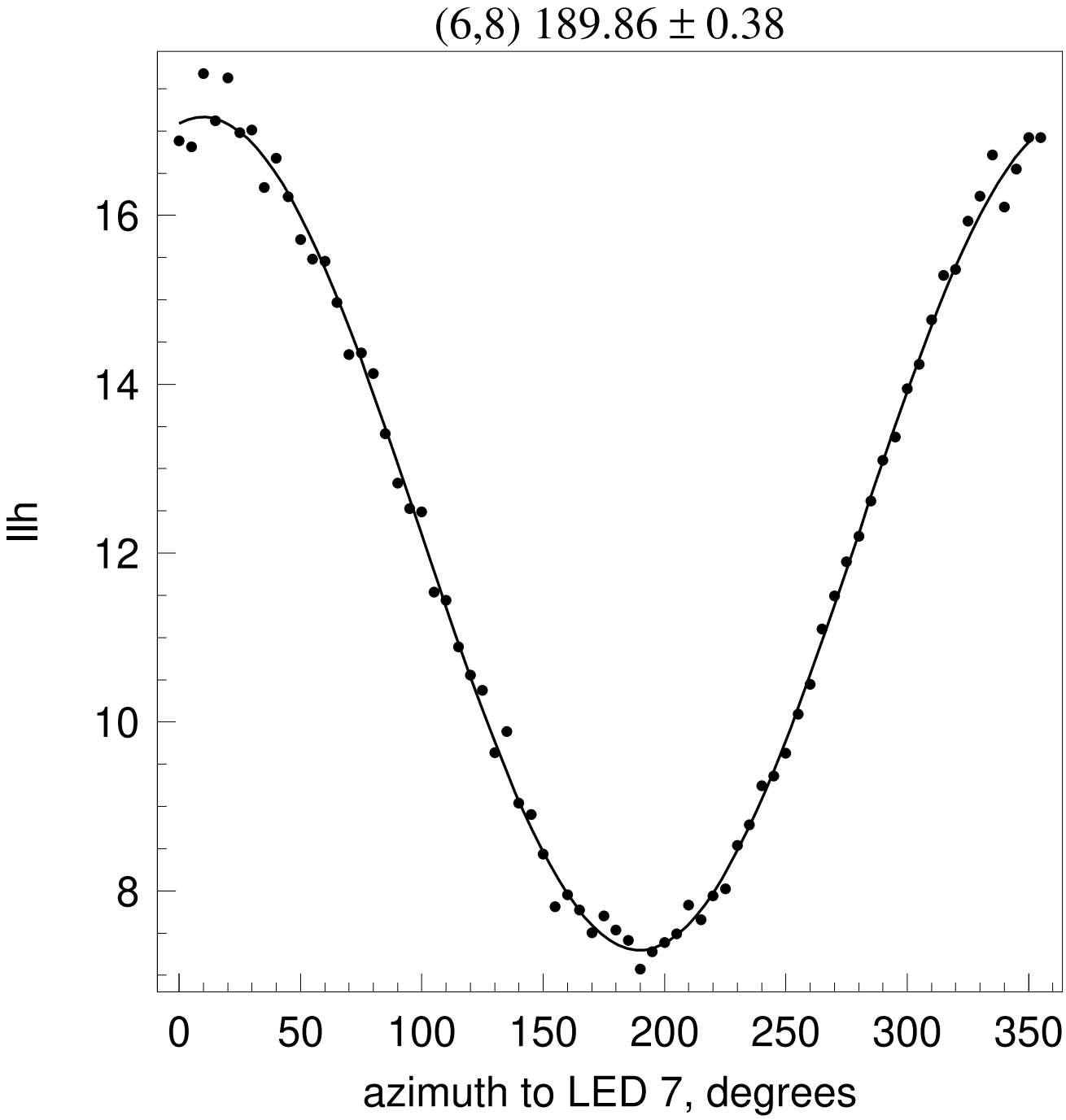

(6,3) 299.70 ± 0.11
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

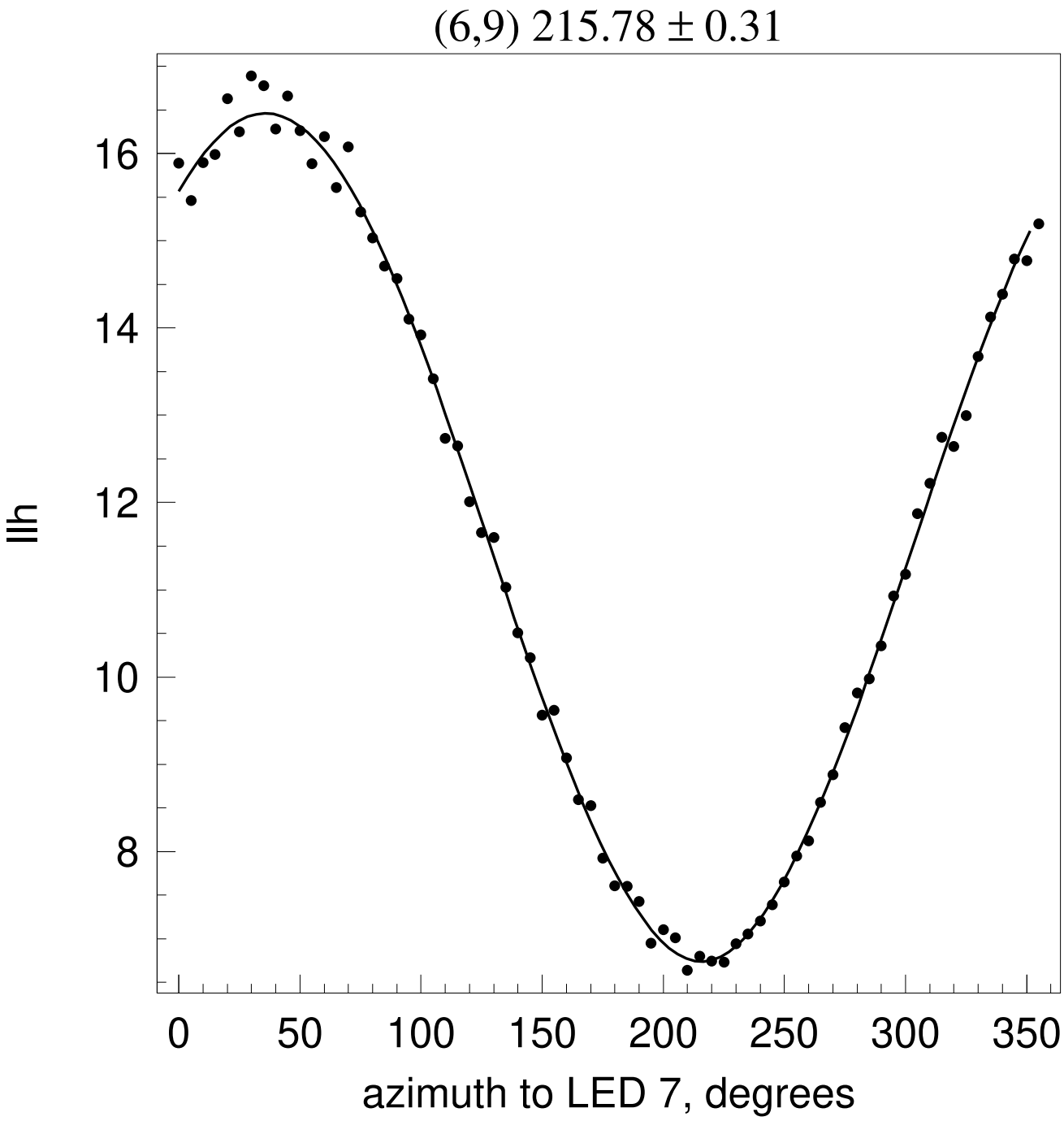

(6,4) 318.92 ± 0.09
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

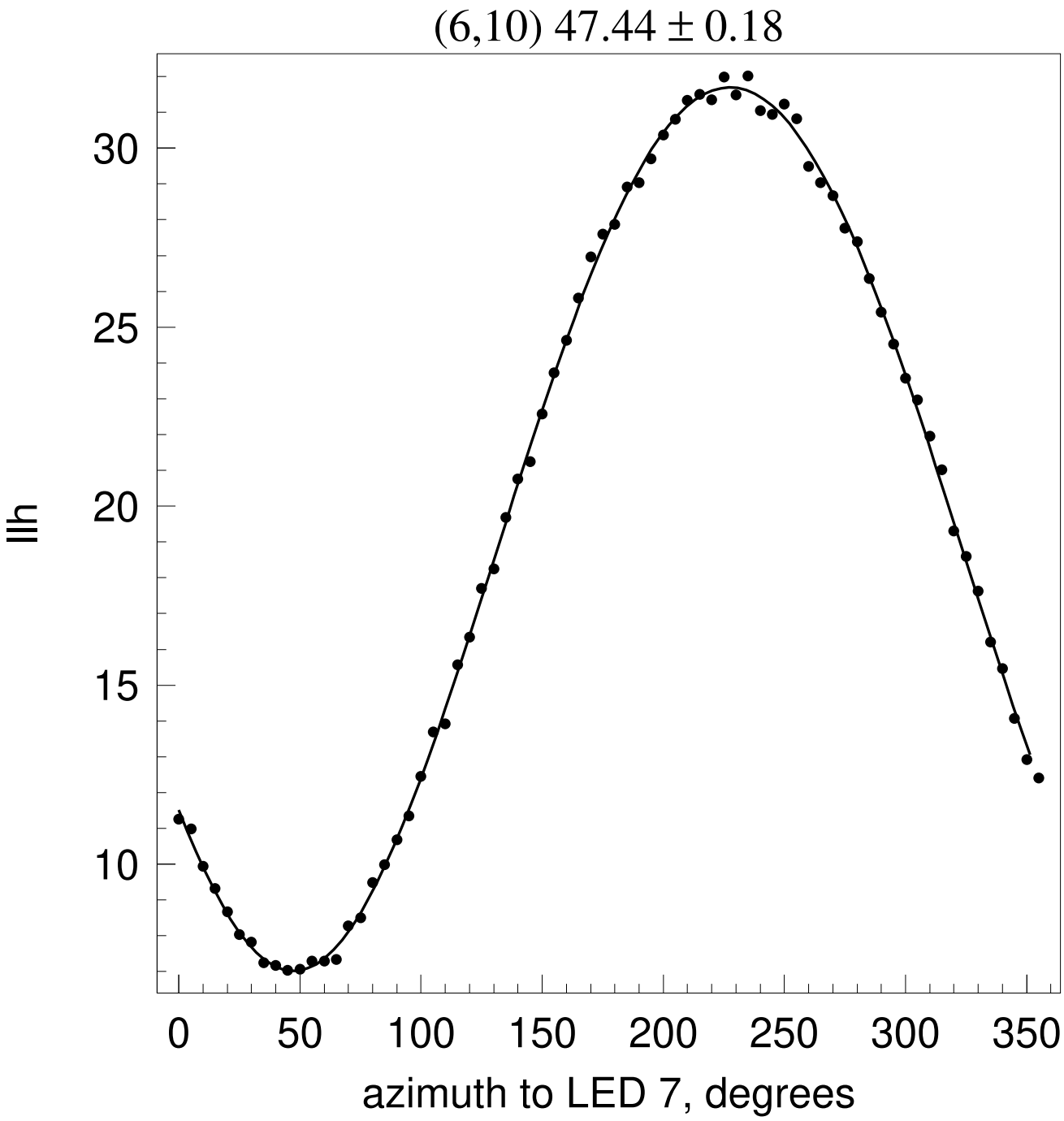

(6,5) 8.79 ± 0.07
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

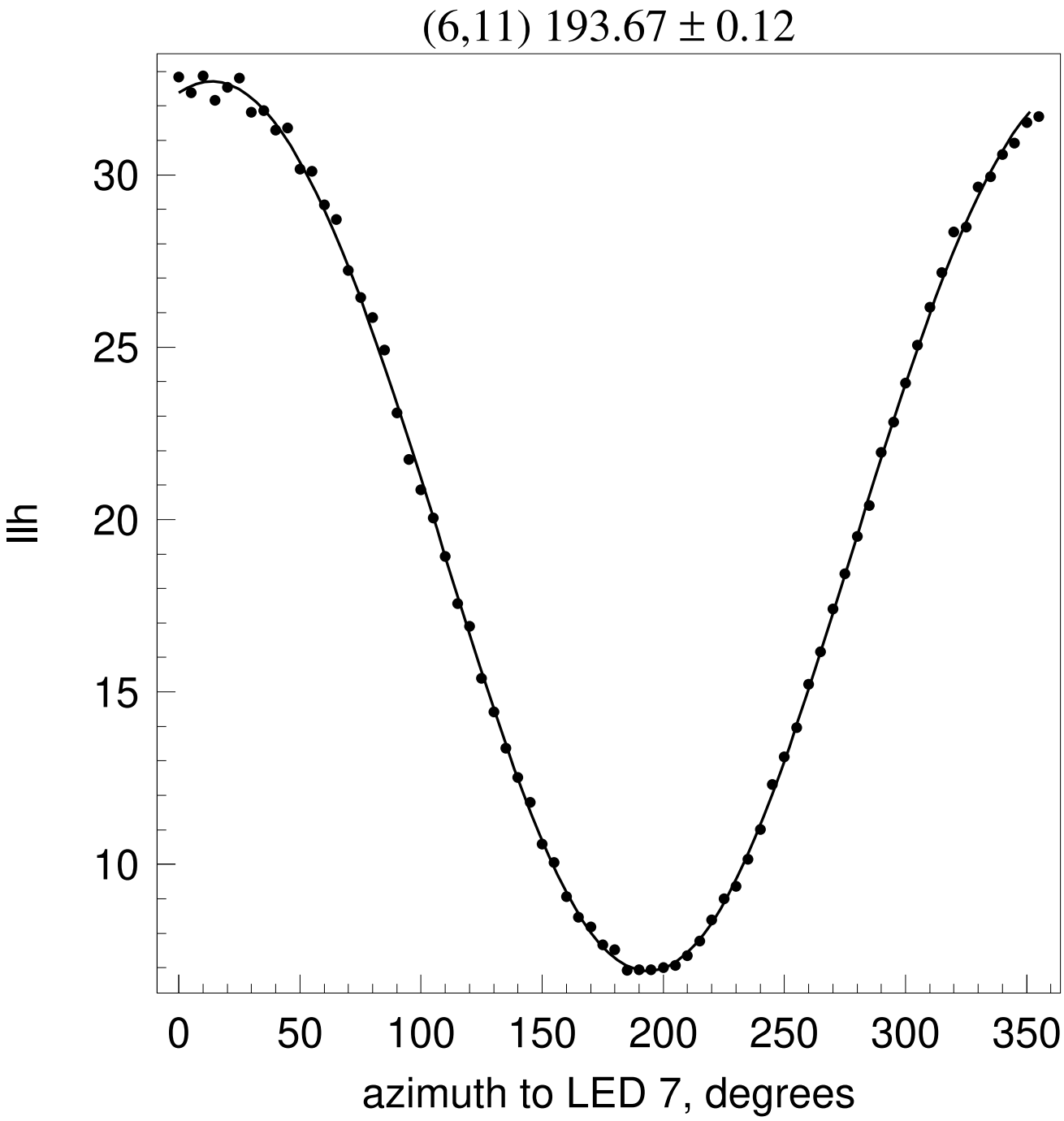

(6,6) 346.84 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

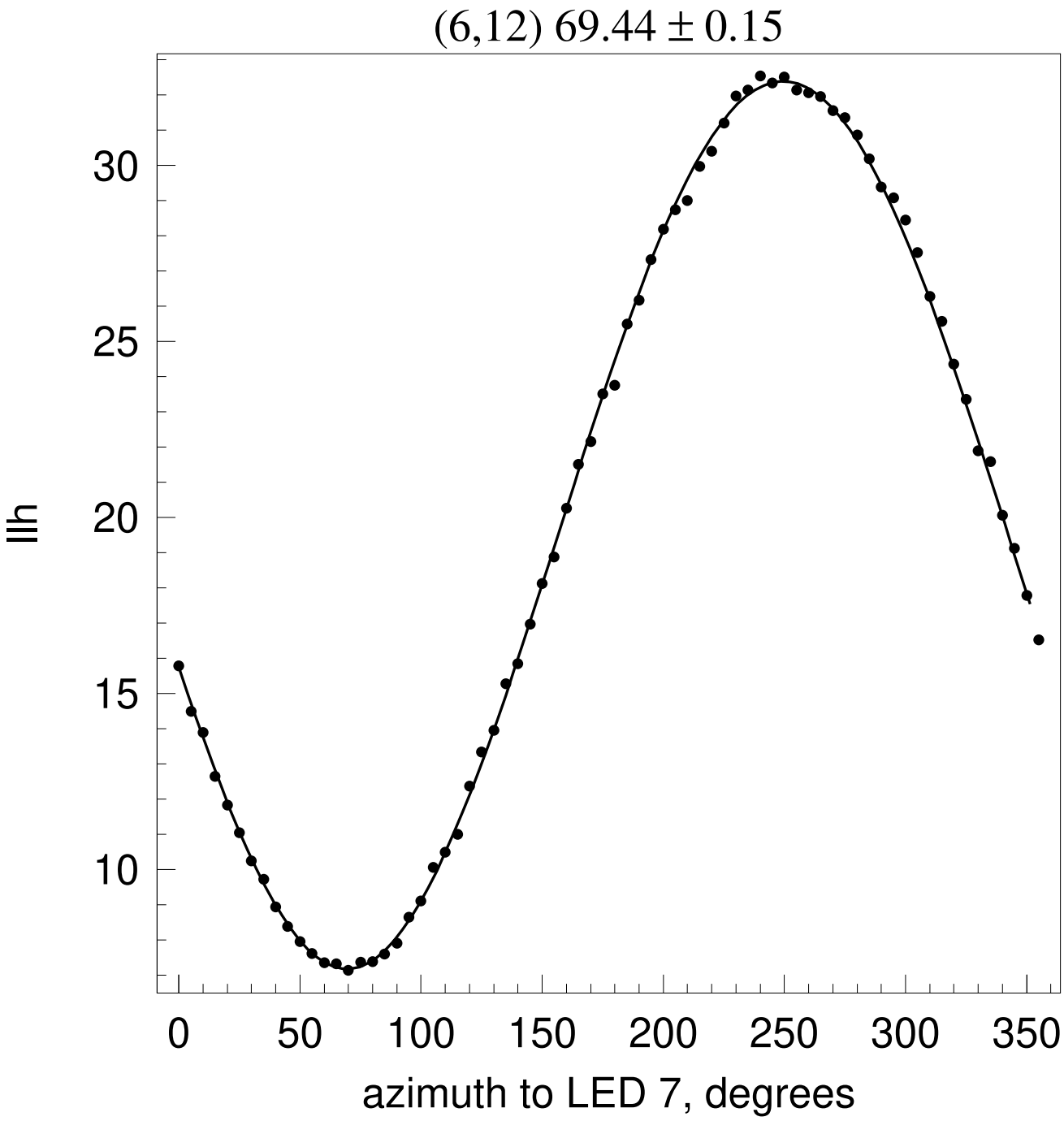

(6,7) 106.42 ± 0.42
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

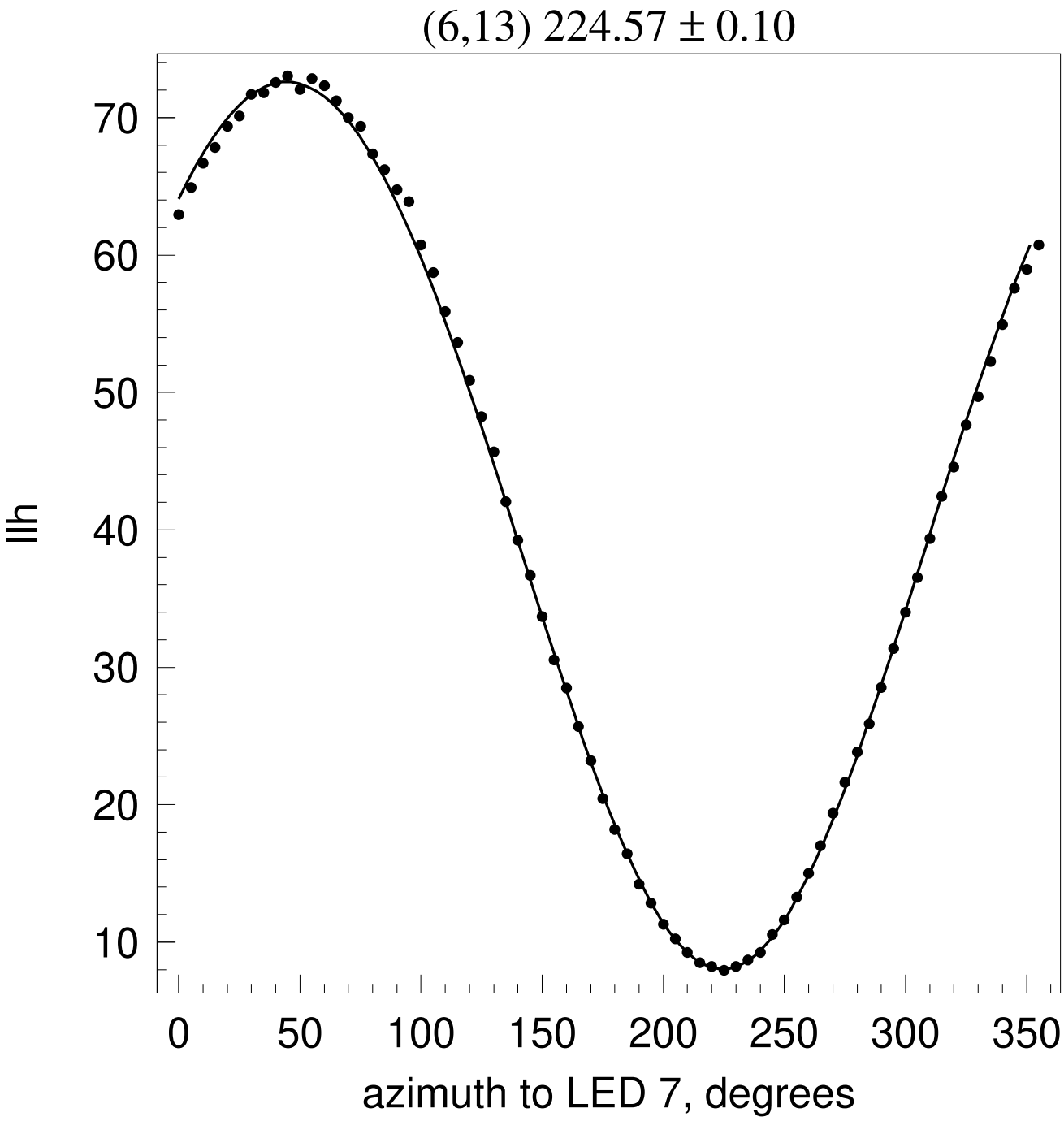

(6,8) 189.86 ± 0.38
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

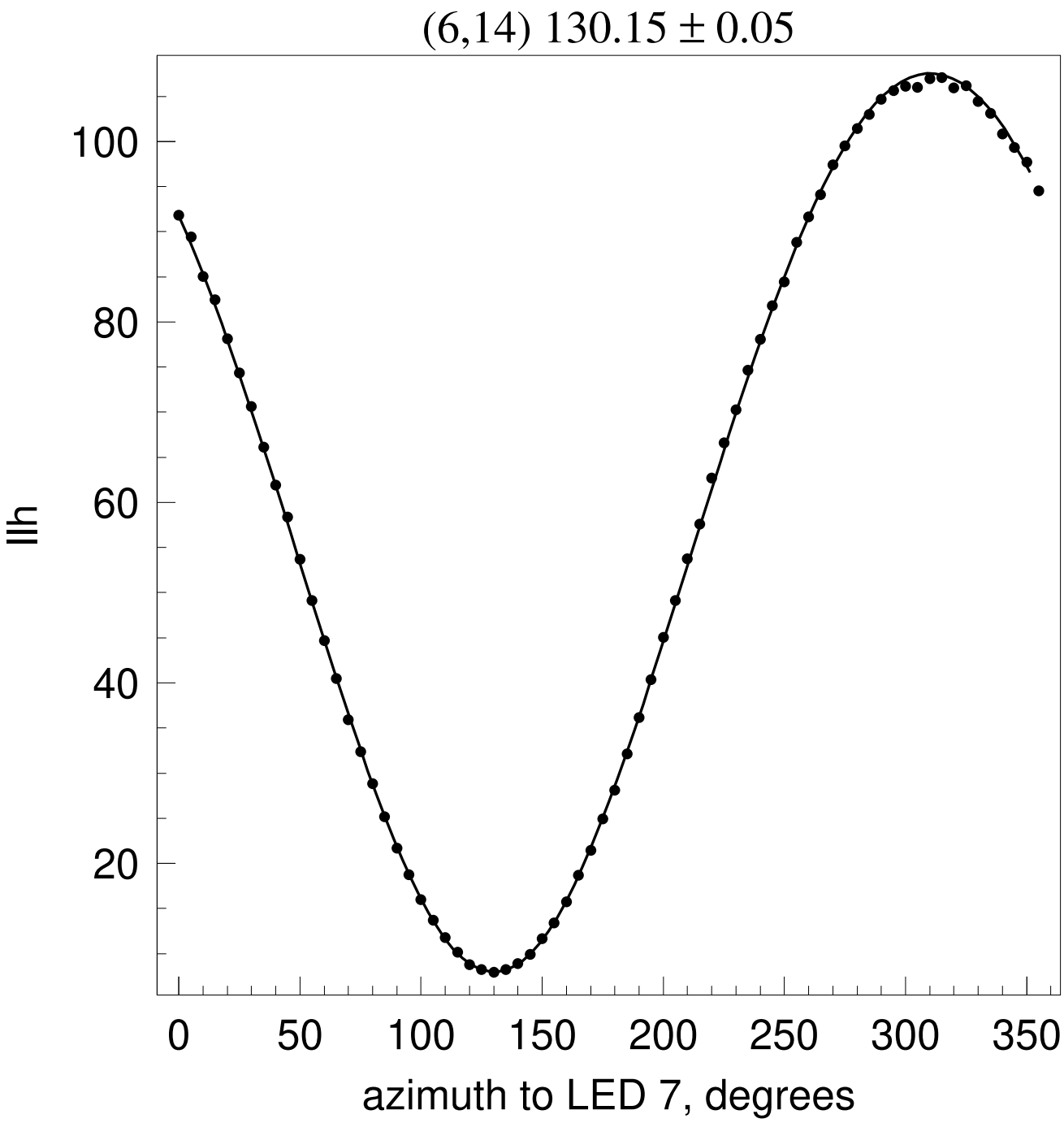

(6,9) 215.78 ± 0.31
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

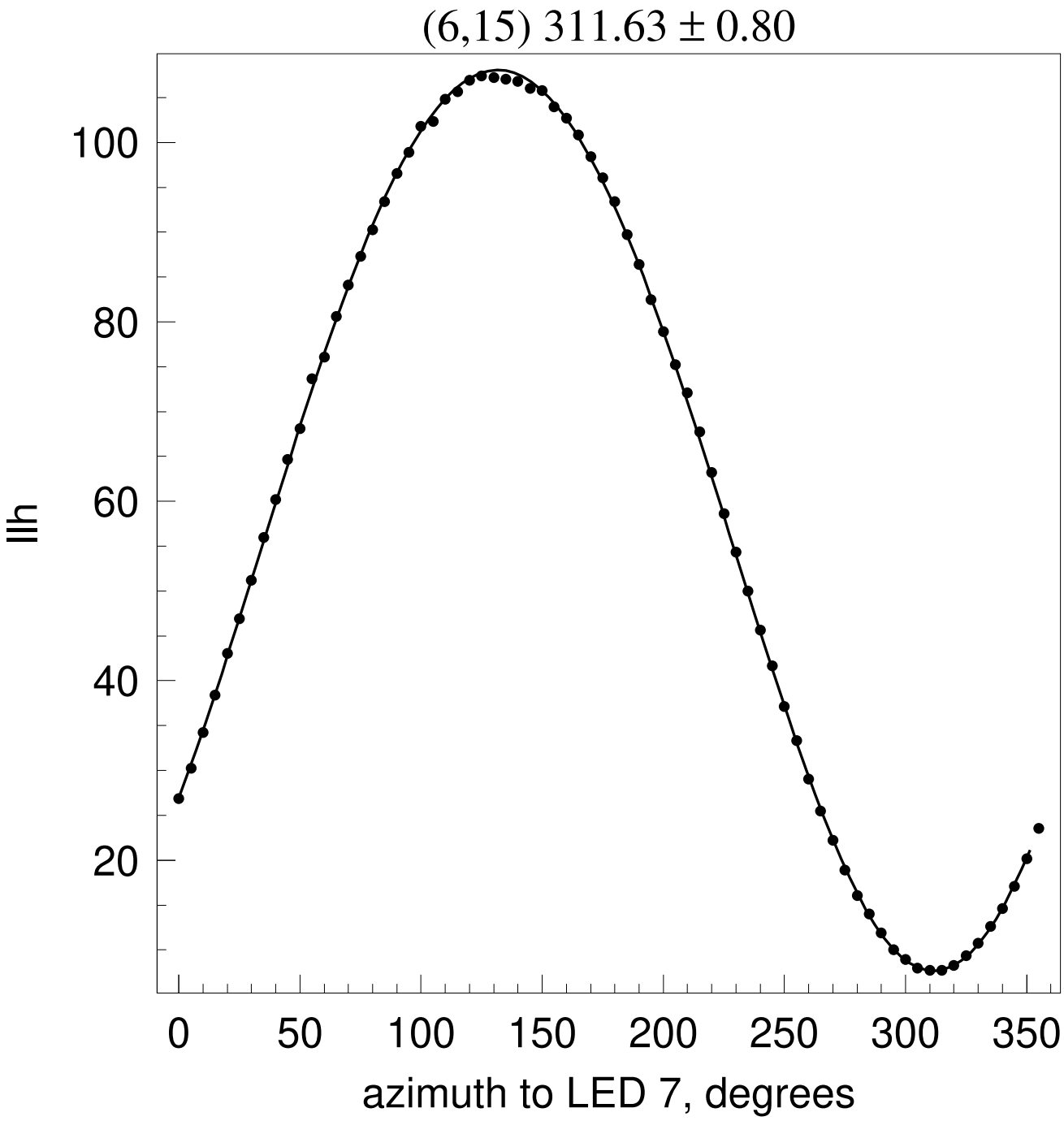

(6,10) 47.44 ± 0.18
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

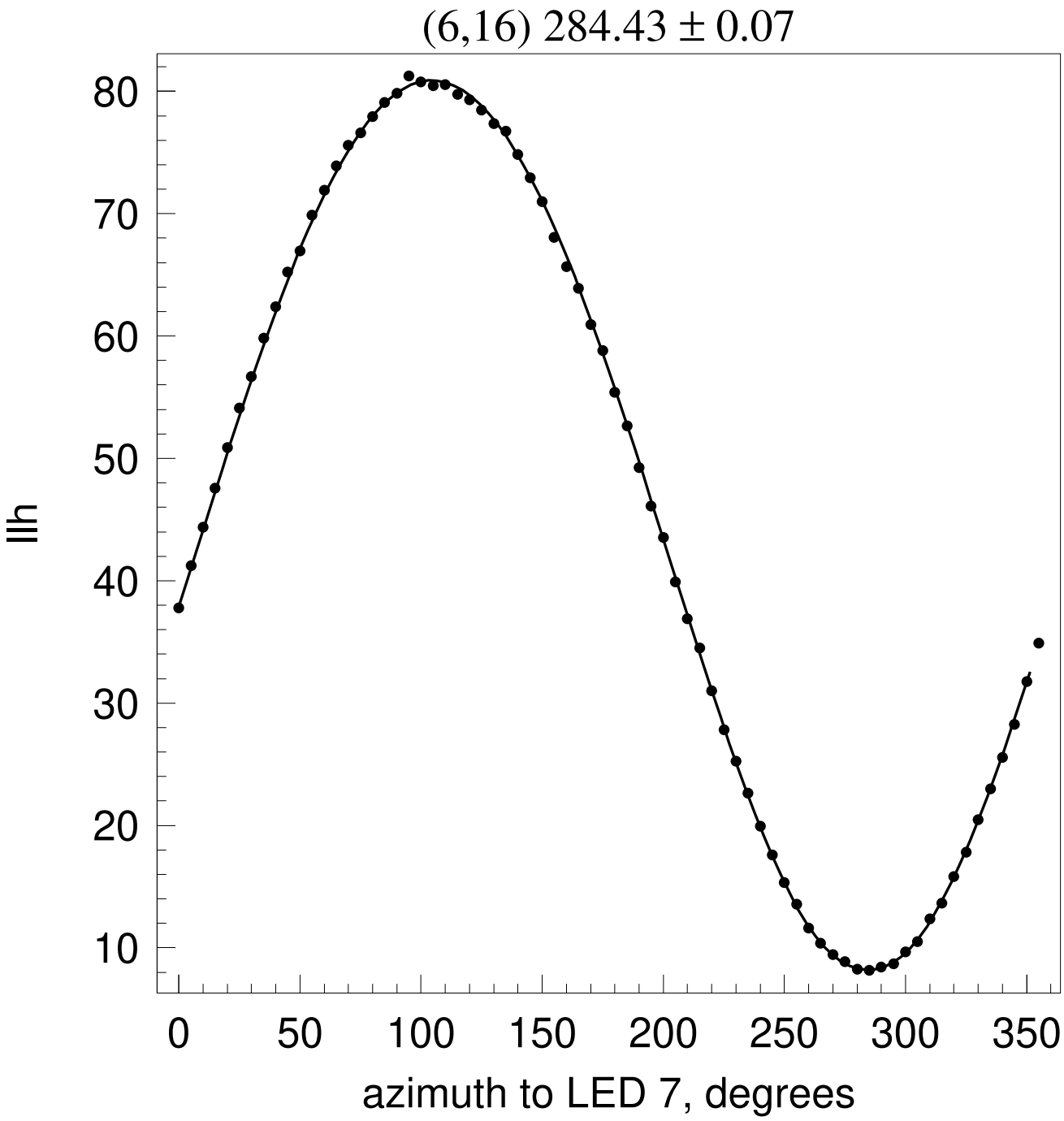

(6,11) 193.67 ± 0.12
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

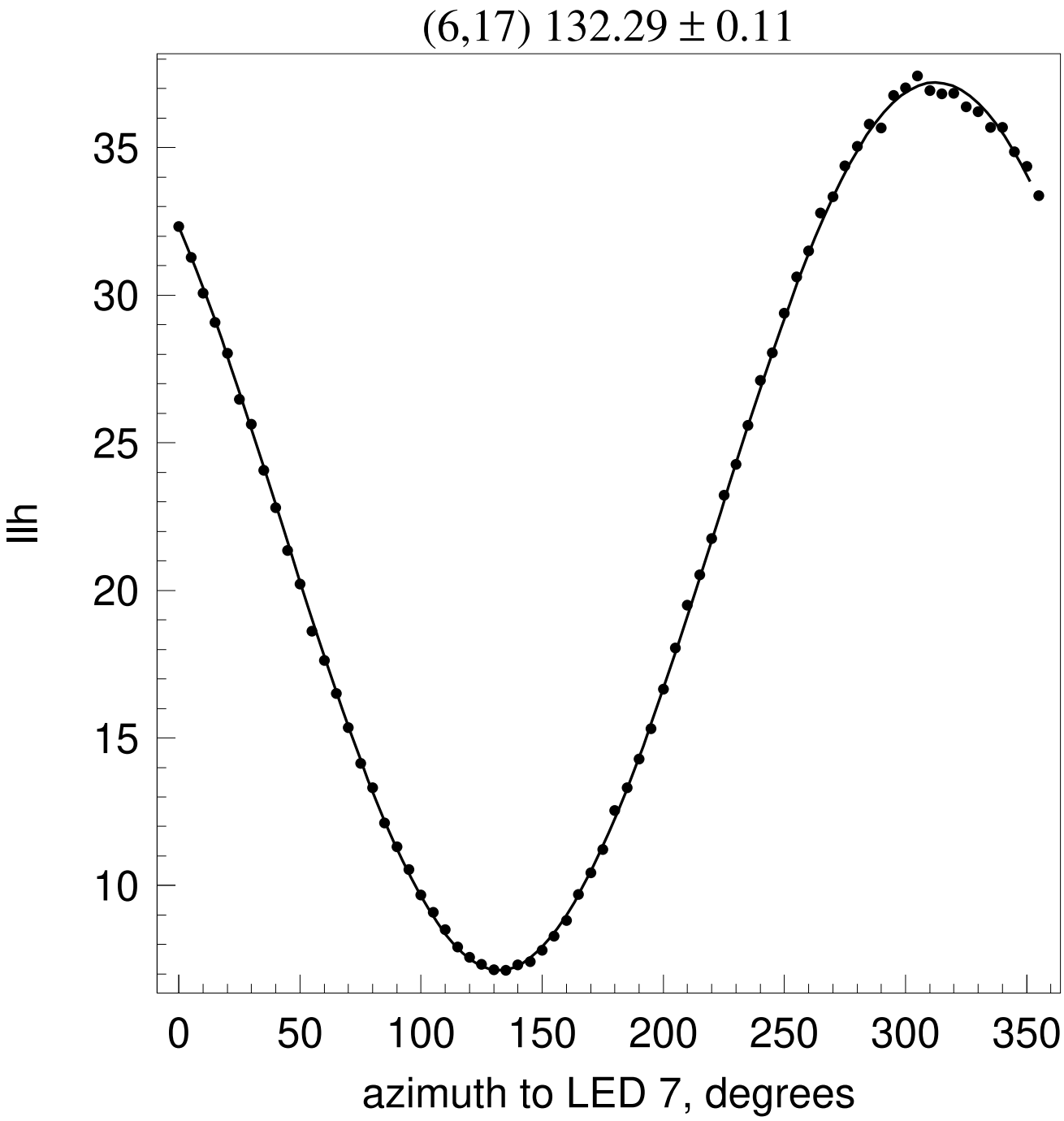

(6,12) 69.44 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

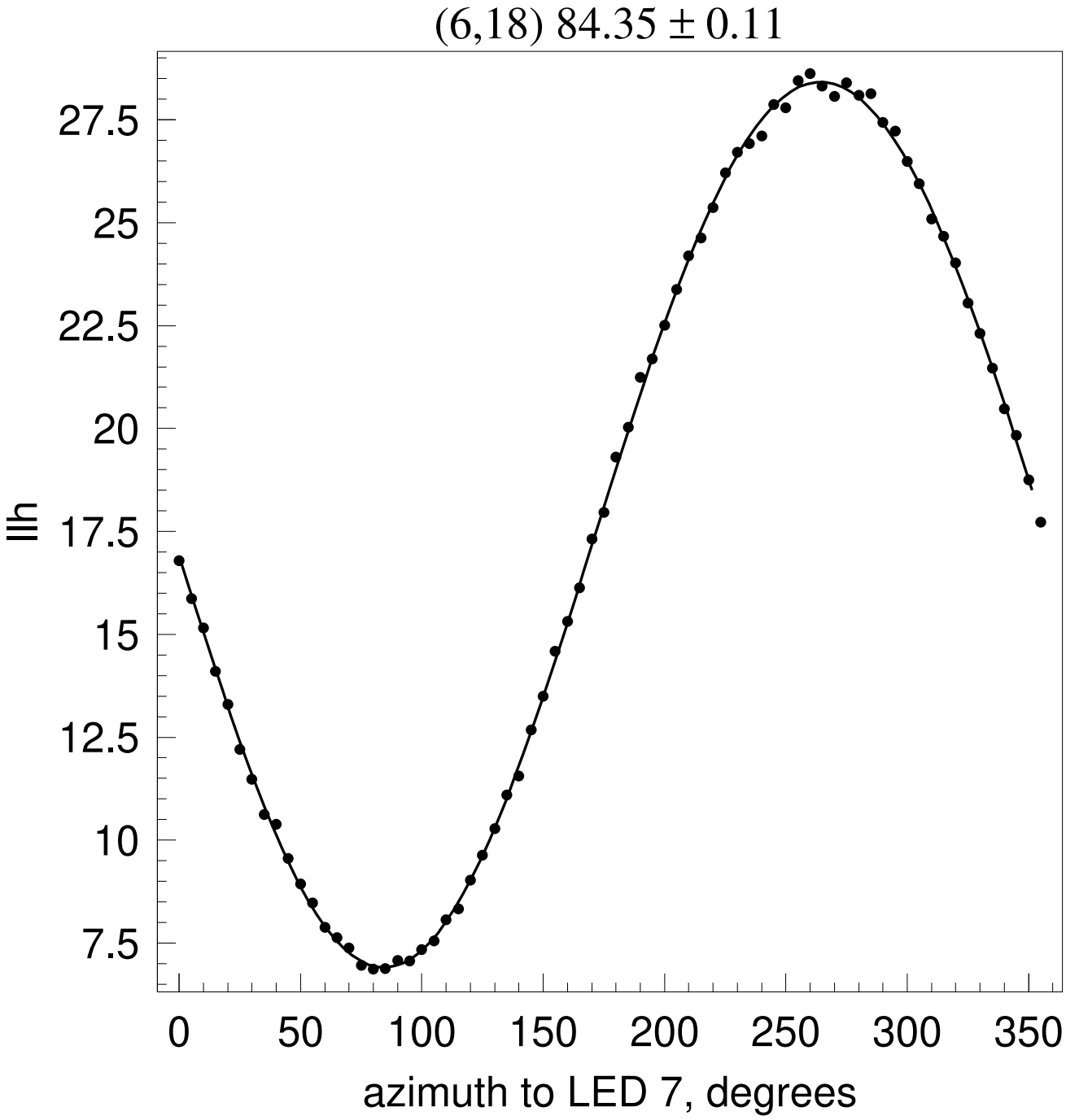

(6,13) 224.57 ± 0.10
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

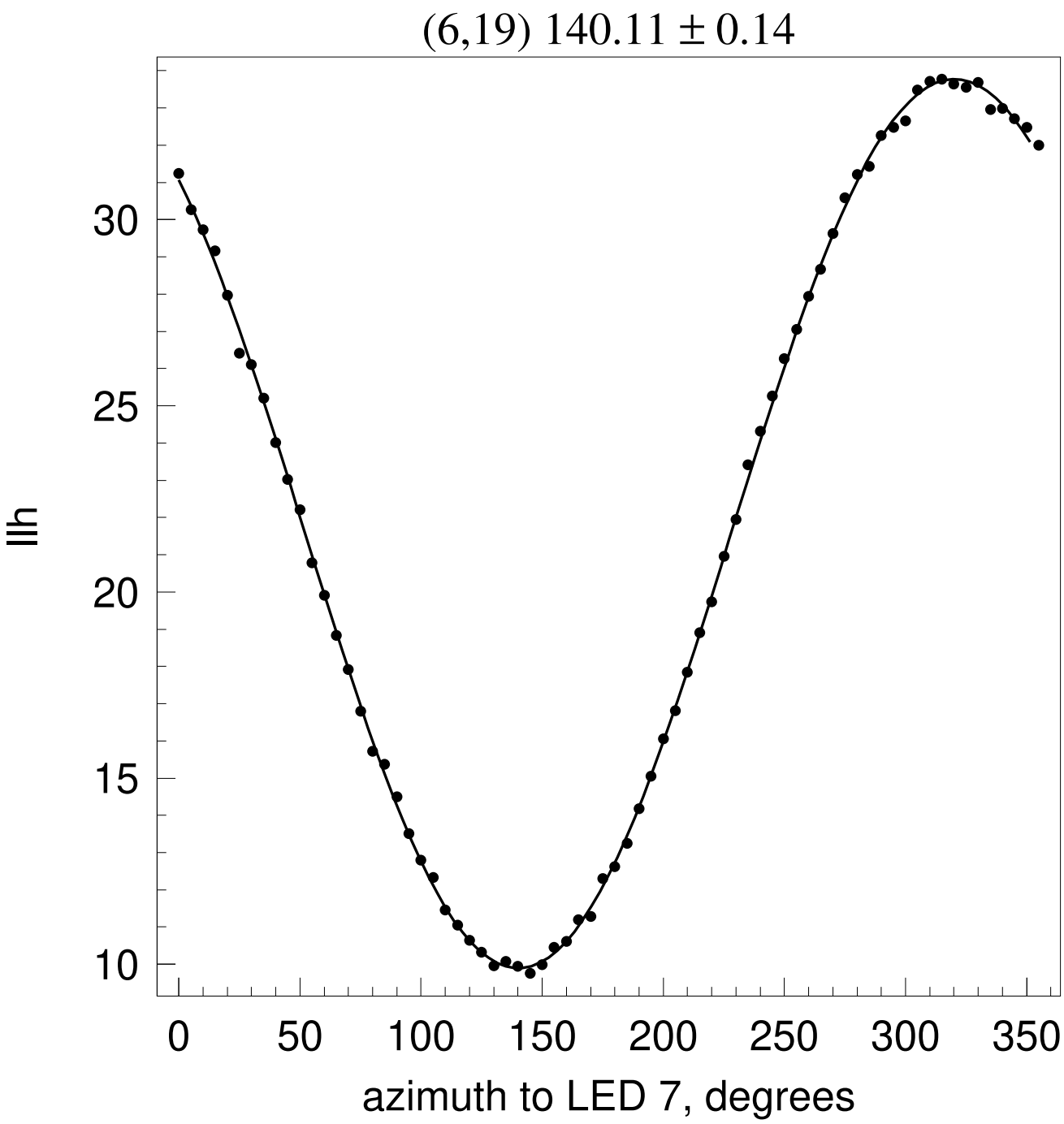

(6,14) 130.15 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

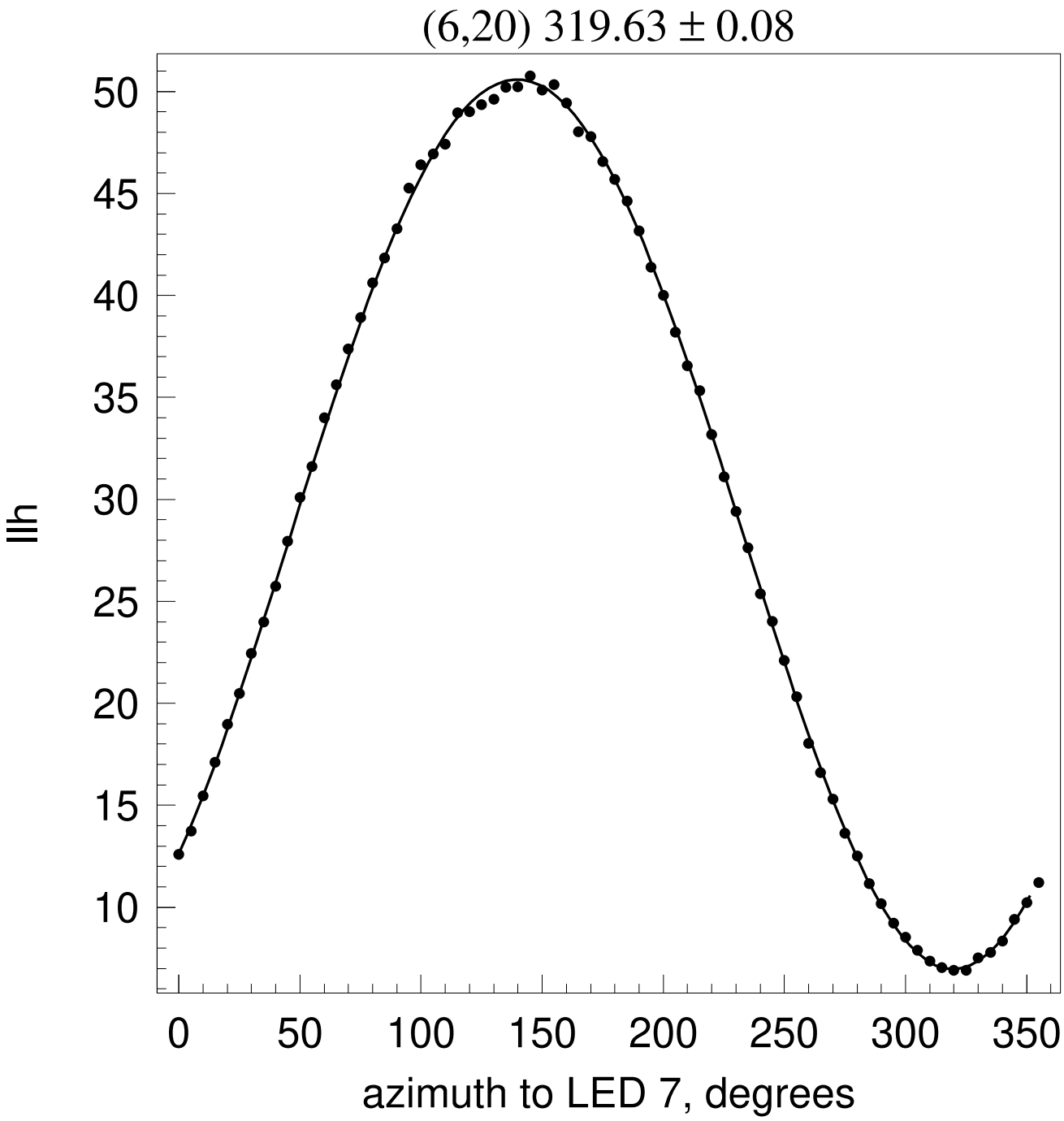

(6,15) 311.63 ± 0.80
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

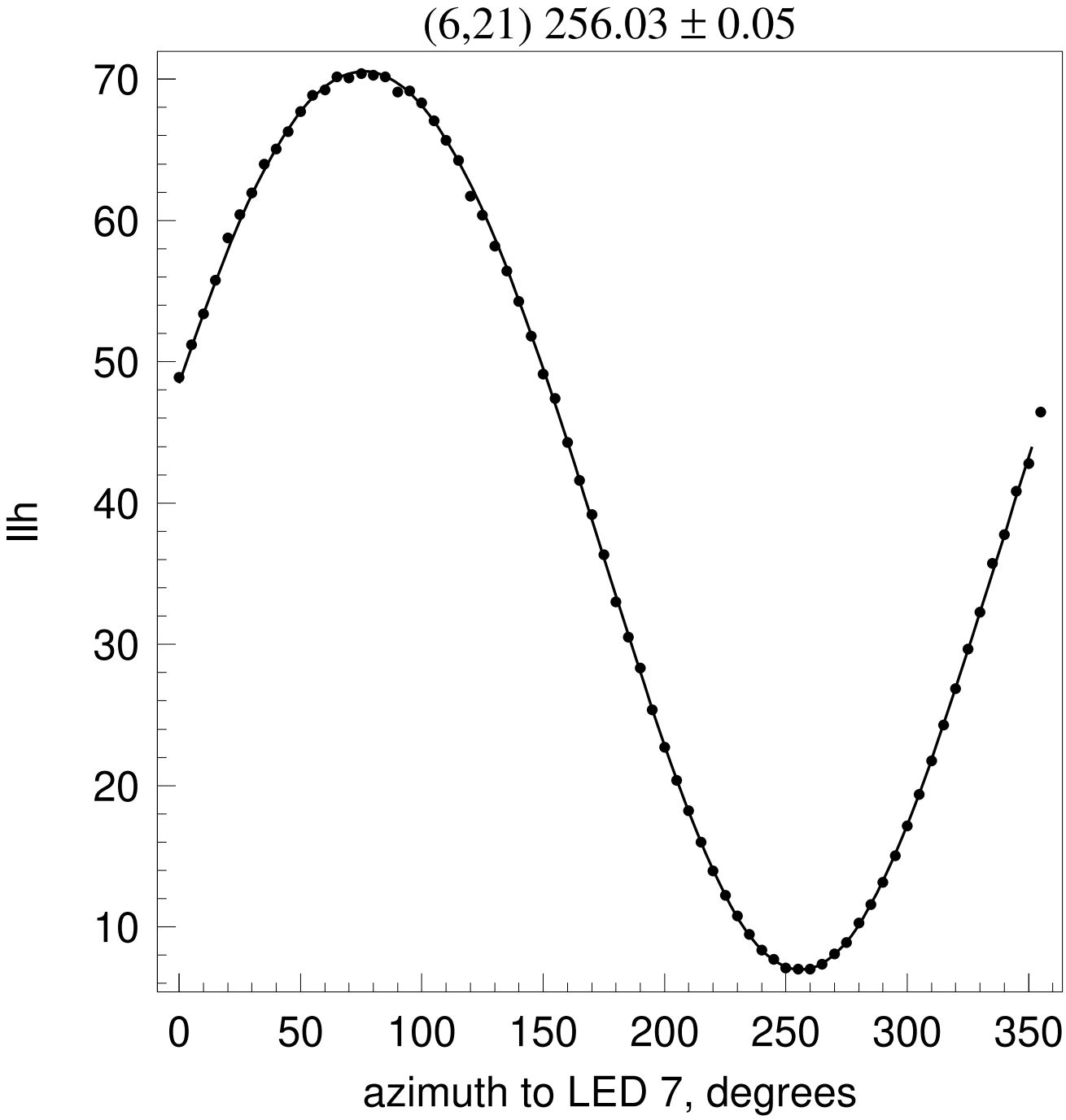

(6,16) 284.43 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

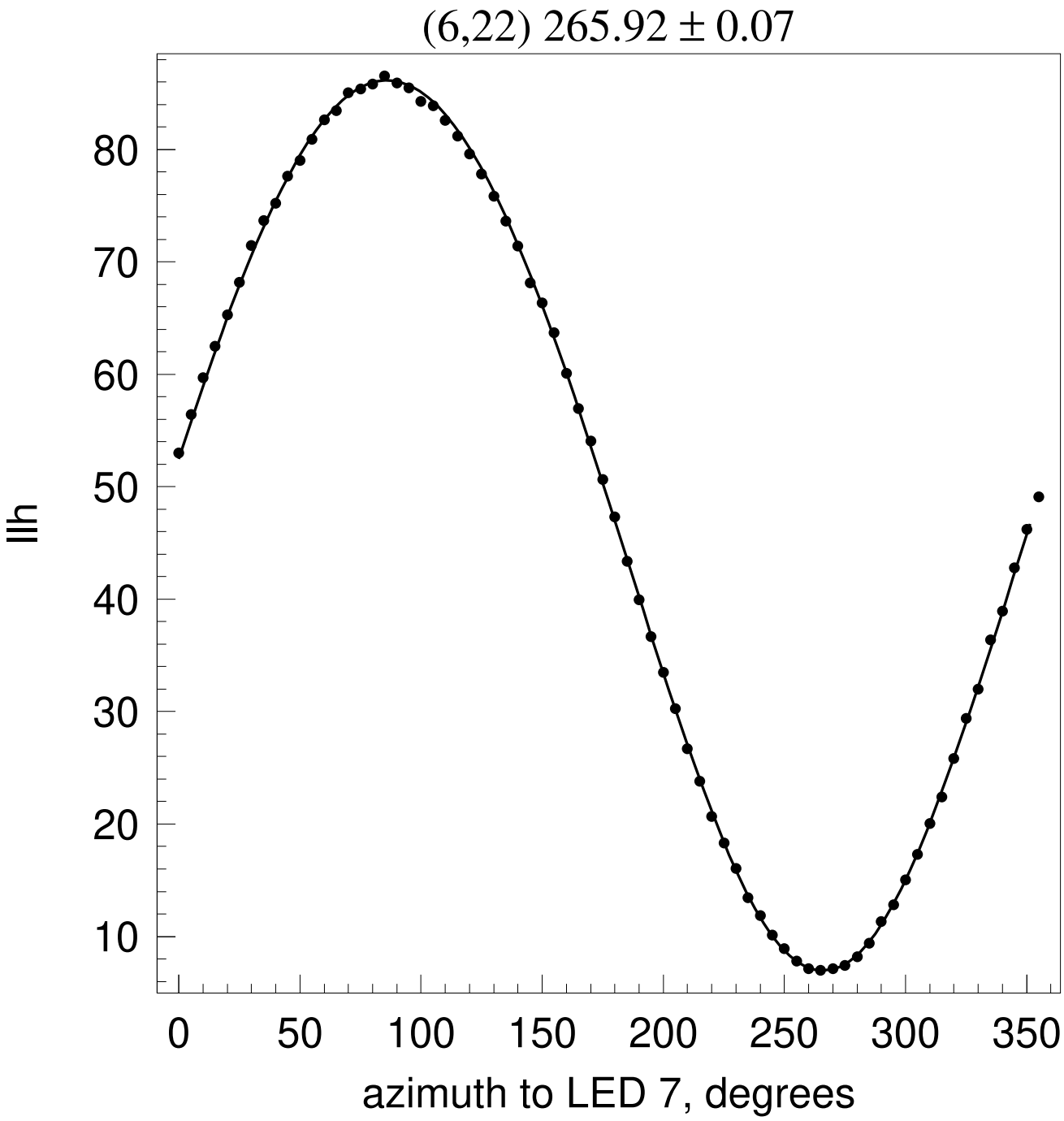

(6,17) 132.29 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

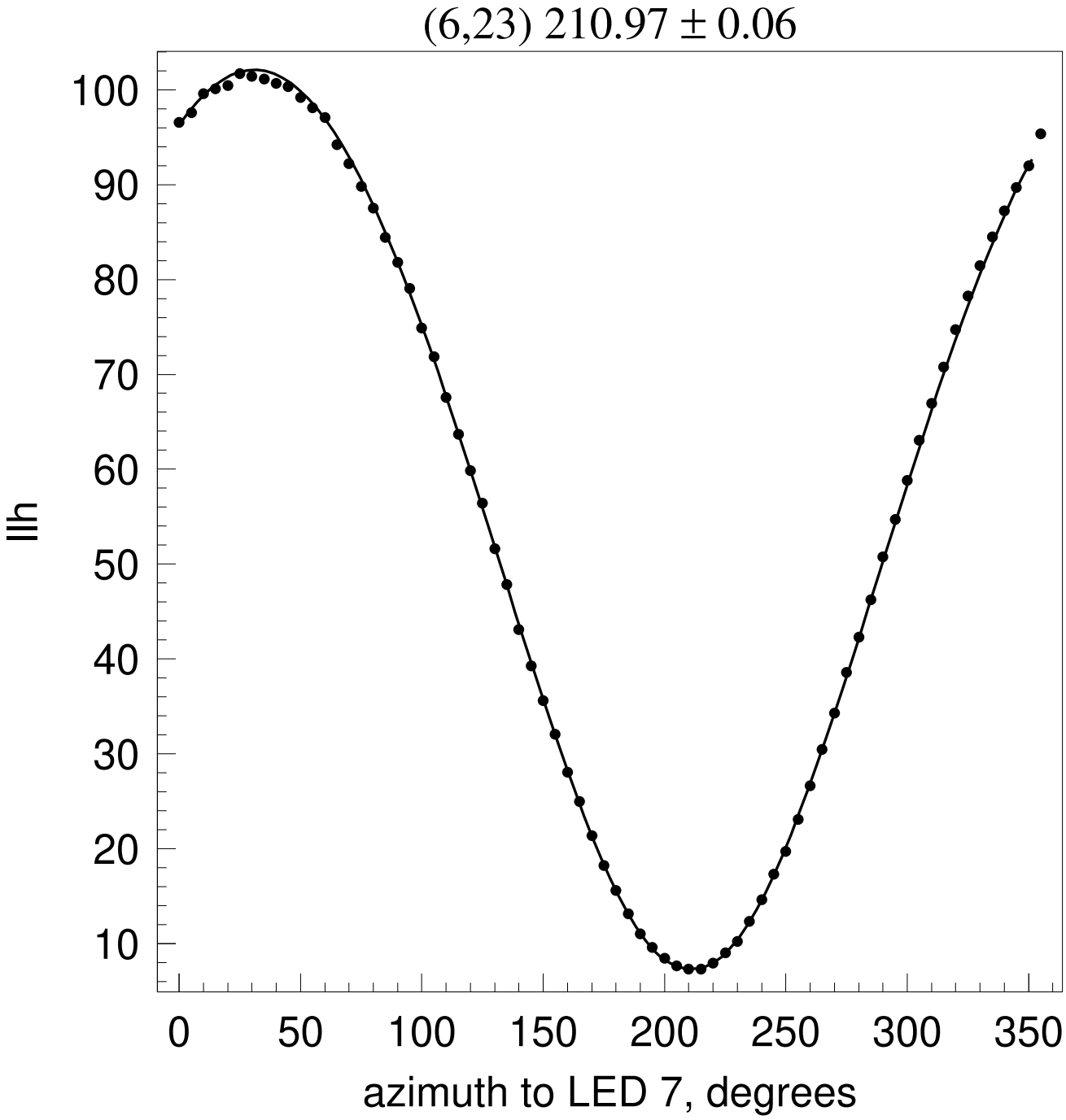

(6,18) 84.35 ± 0.11
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

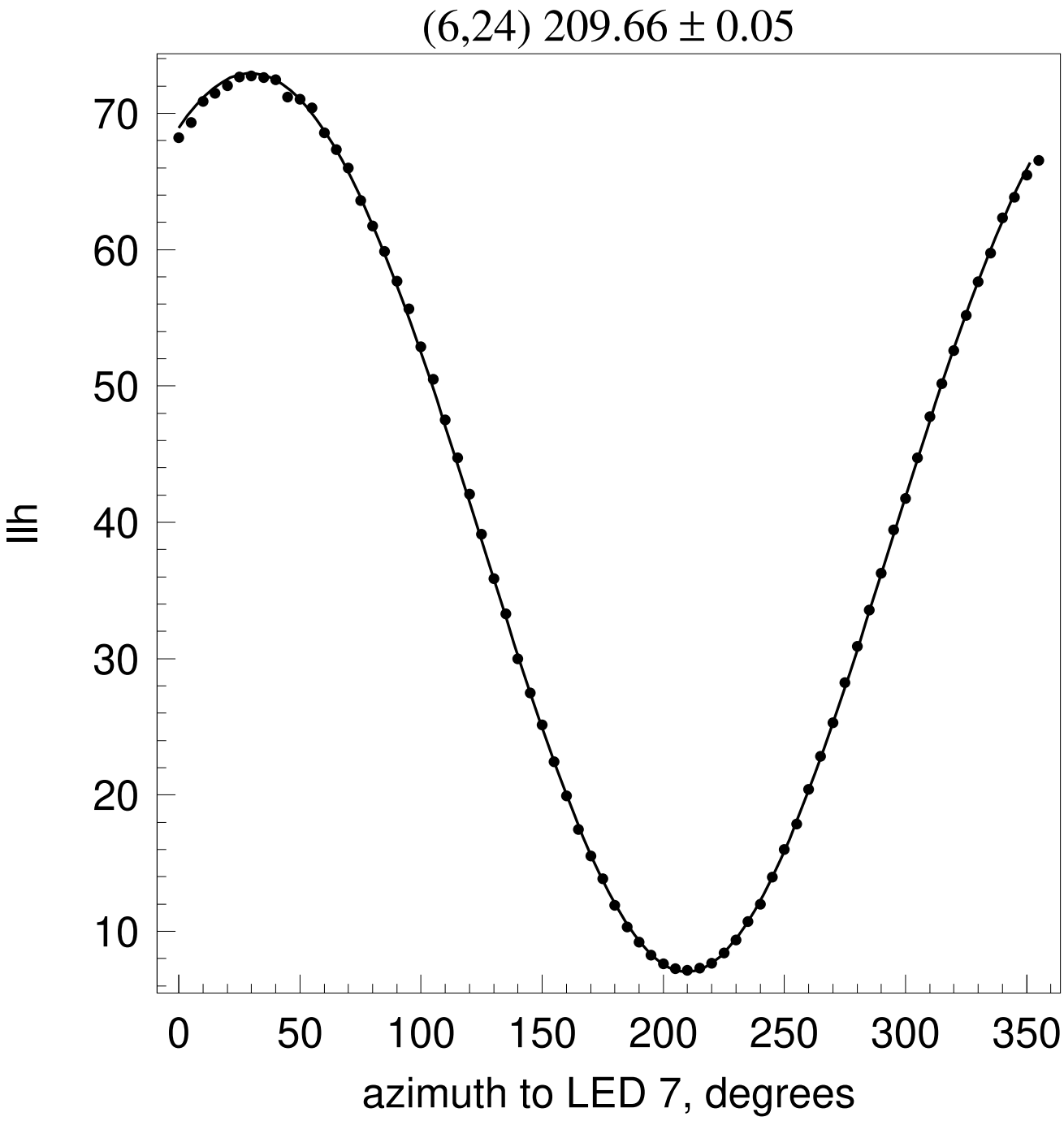

(6,19) 140.11 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

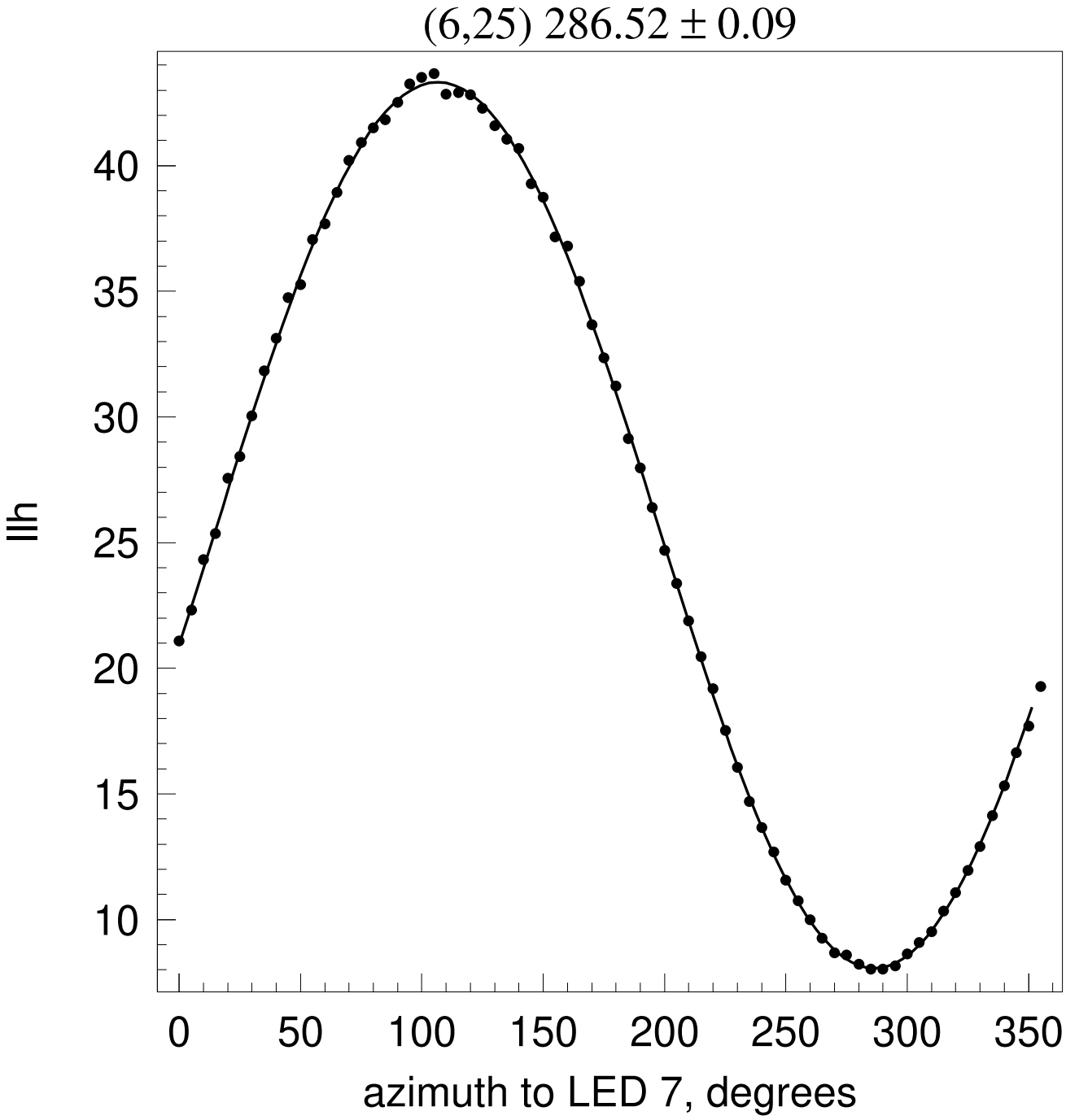

(6,20) 319.63 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

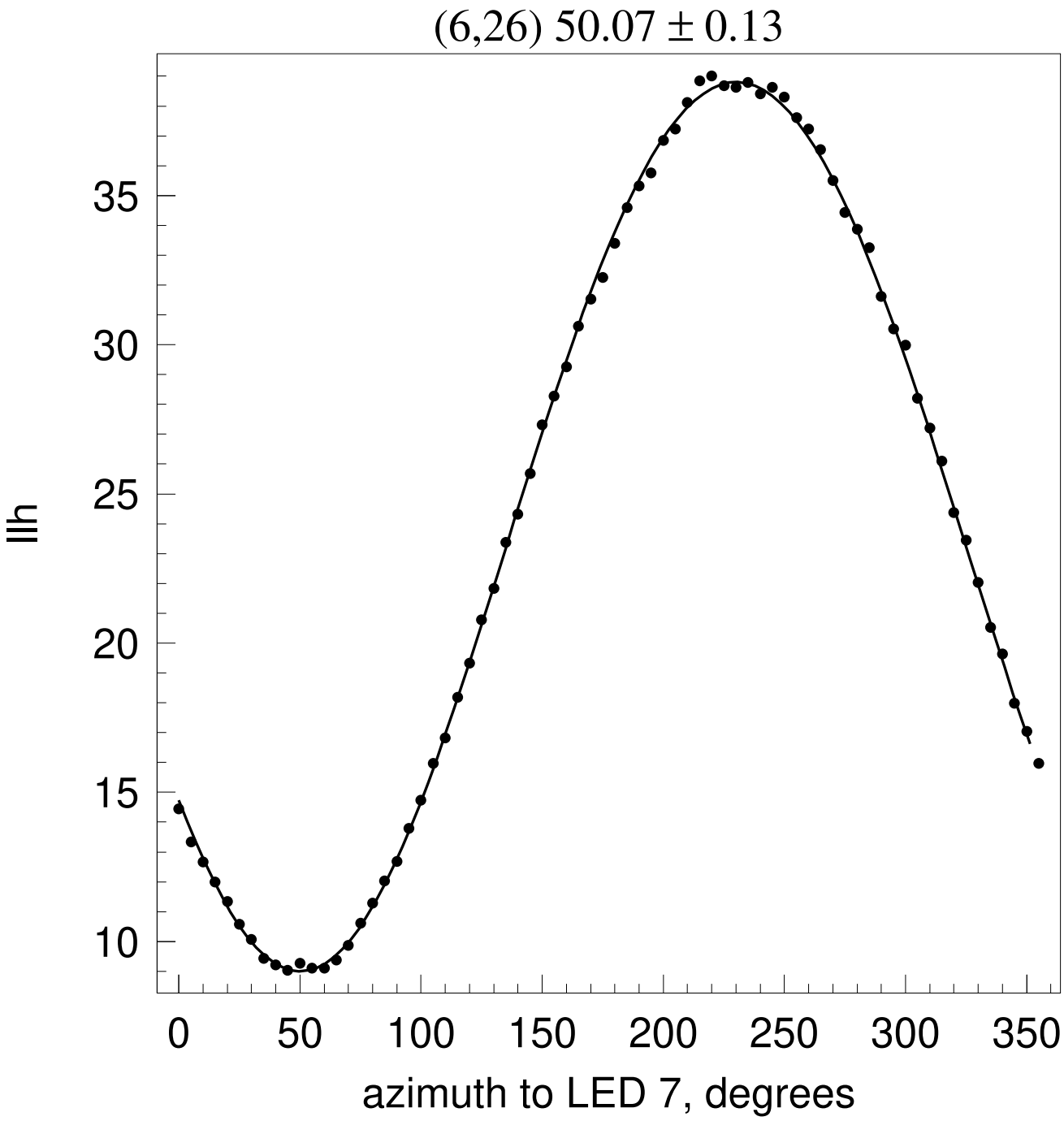

(6,21) 256.03 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

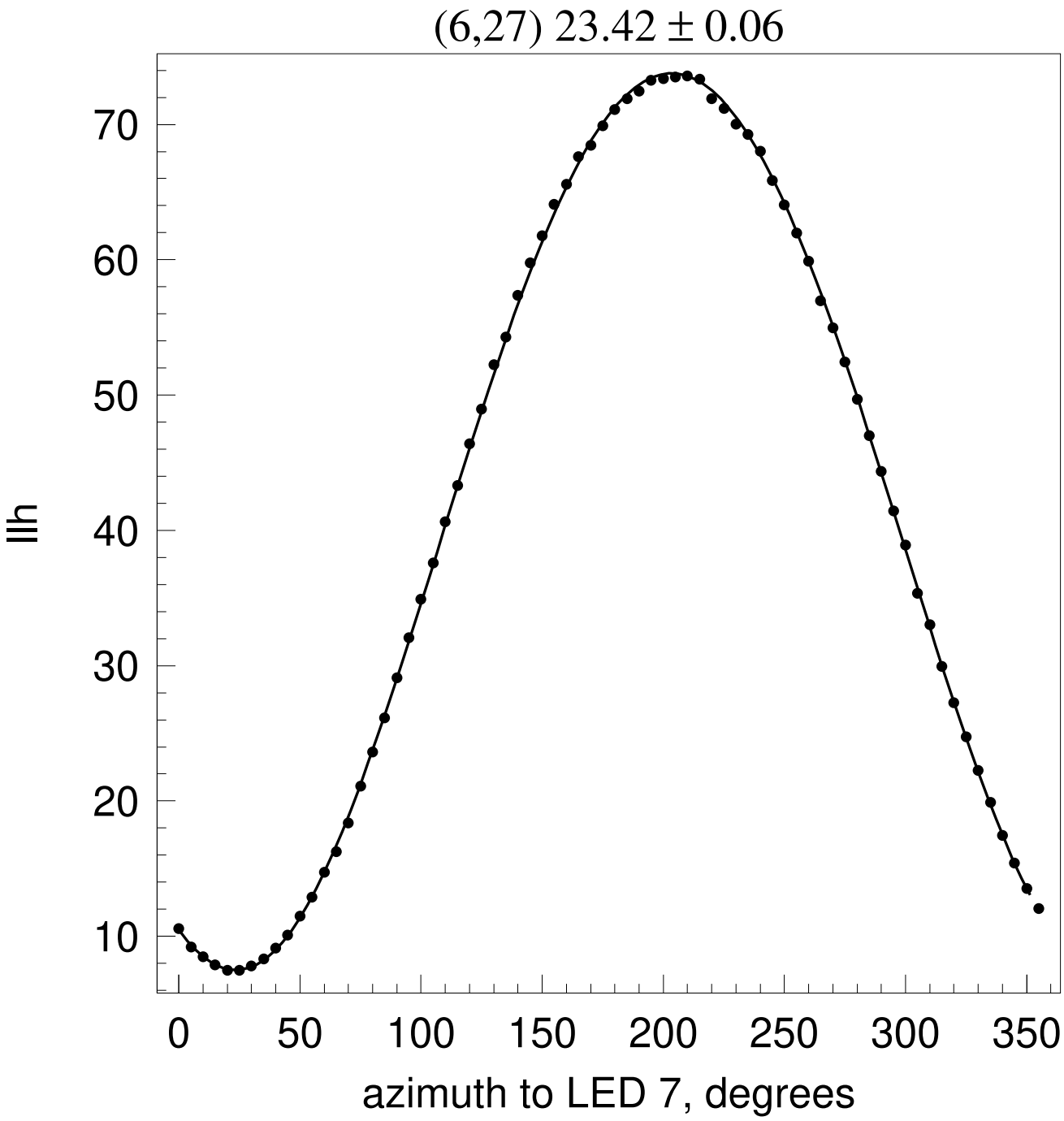

(6,22) 265.92 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

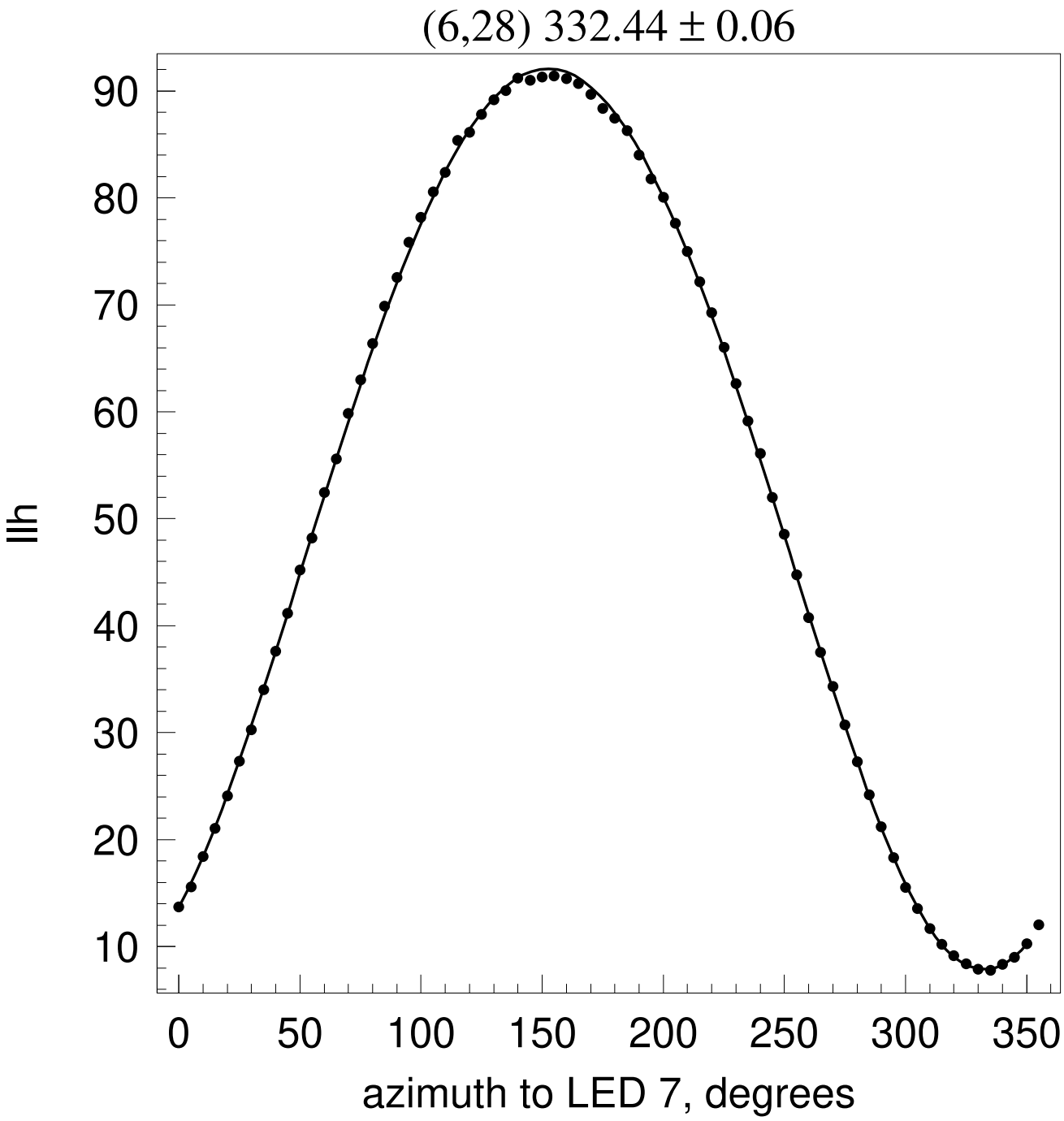

(6,23) 210.97 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

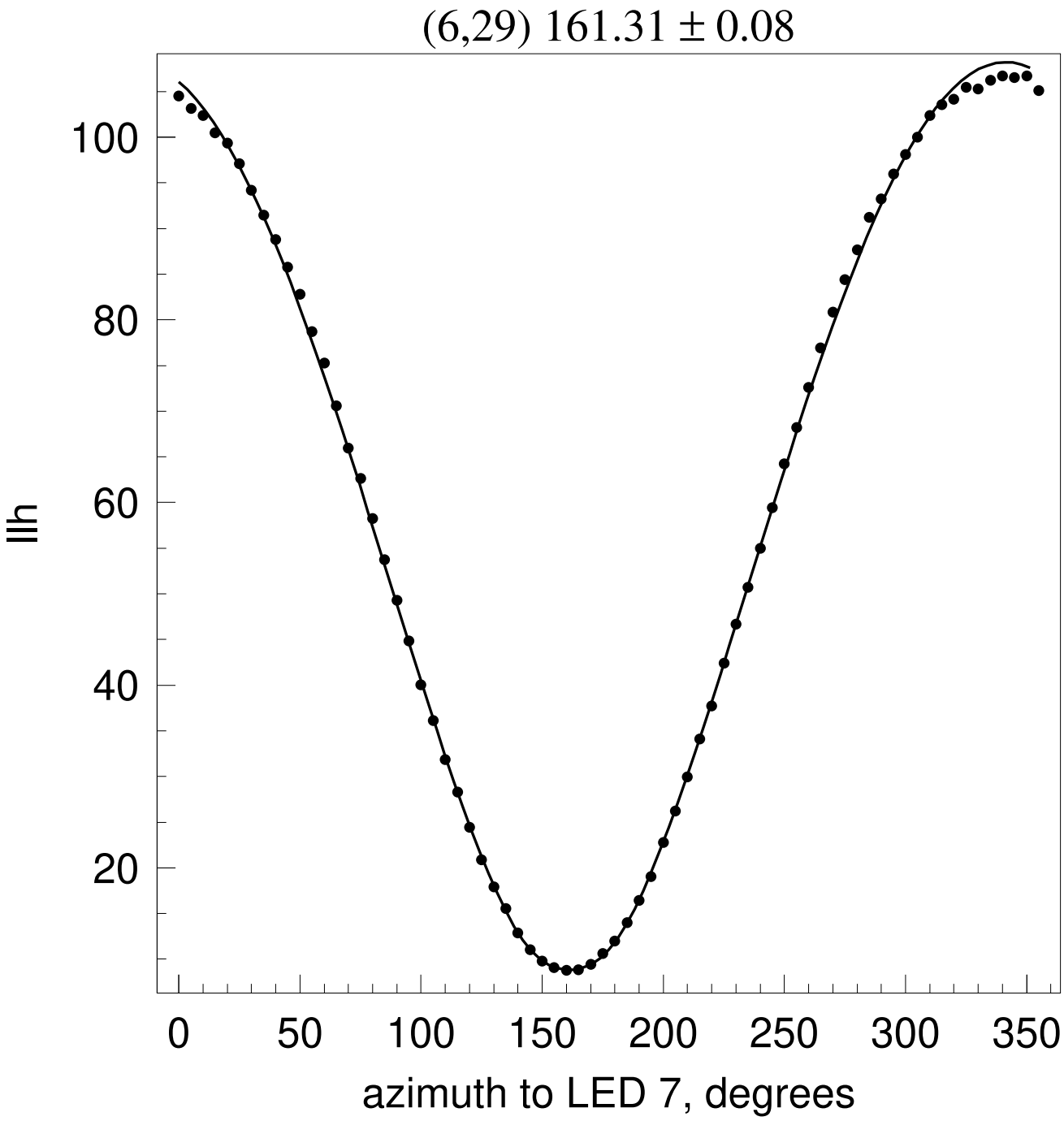

(6,24) 209.66 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

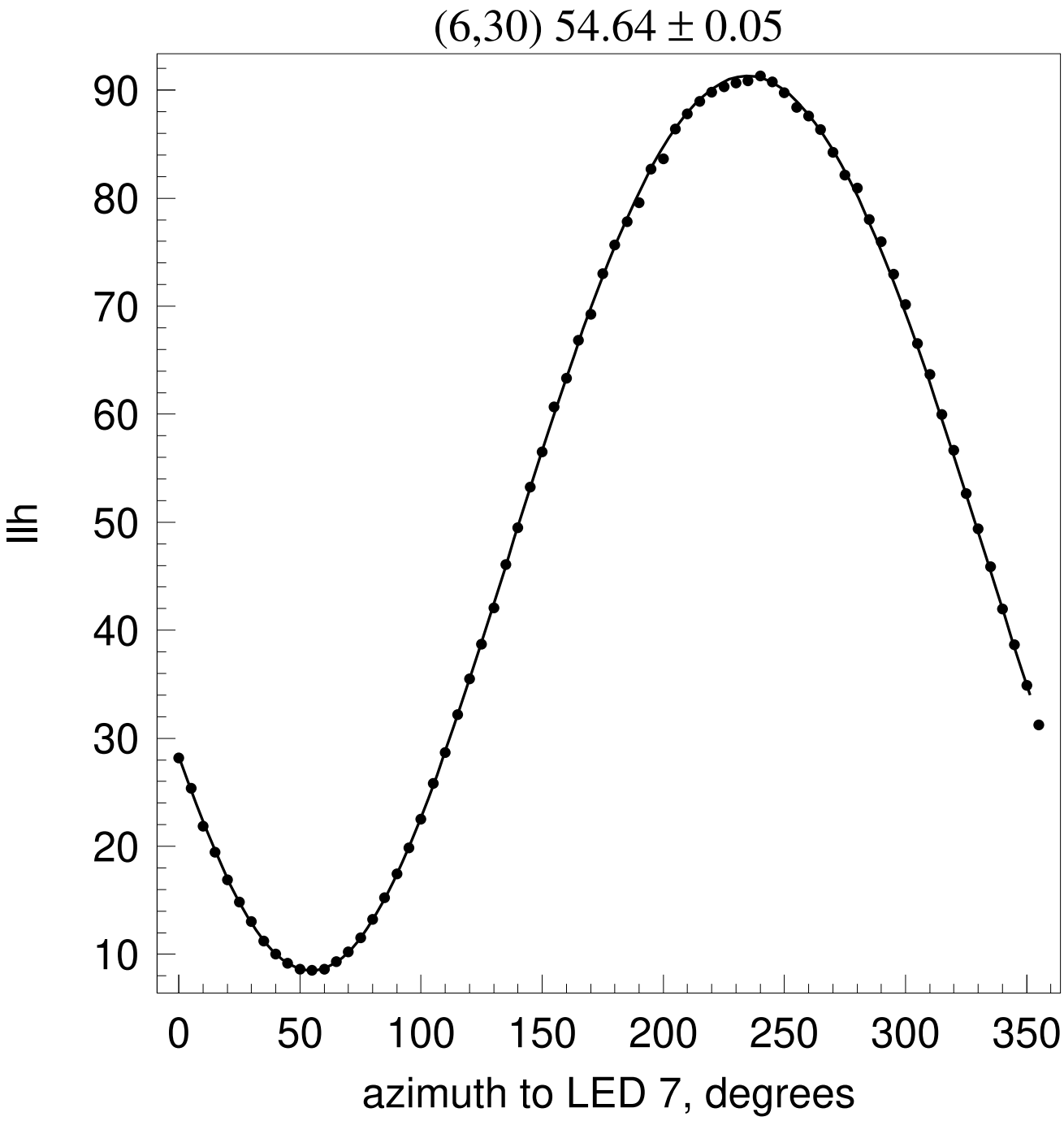

(6,25) 286.52 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

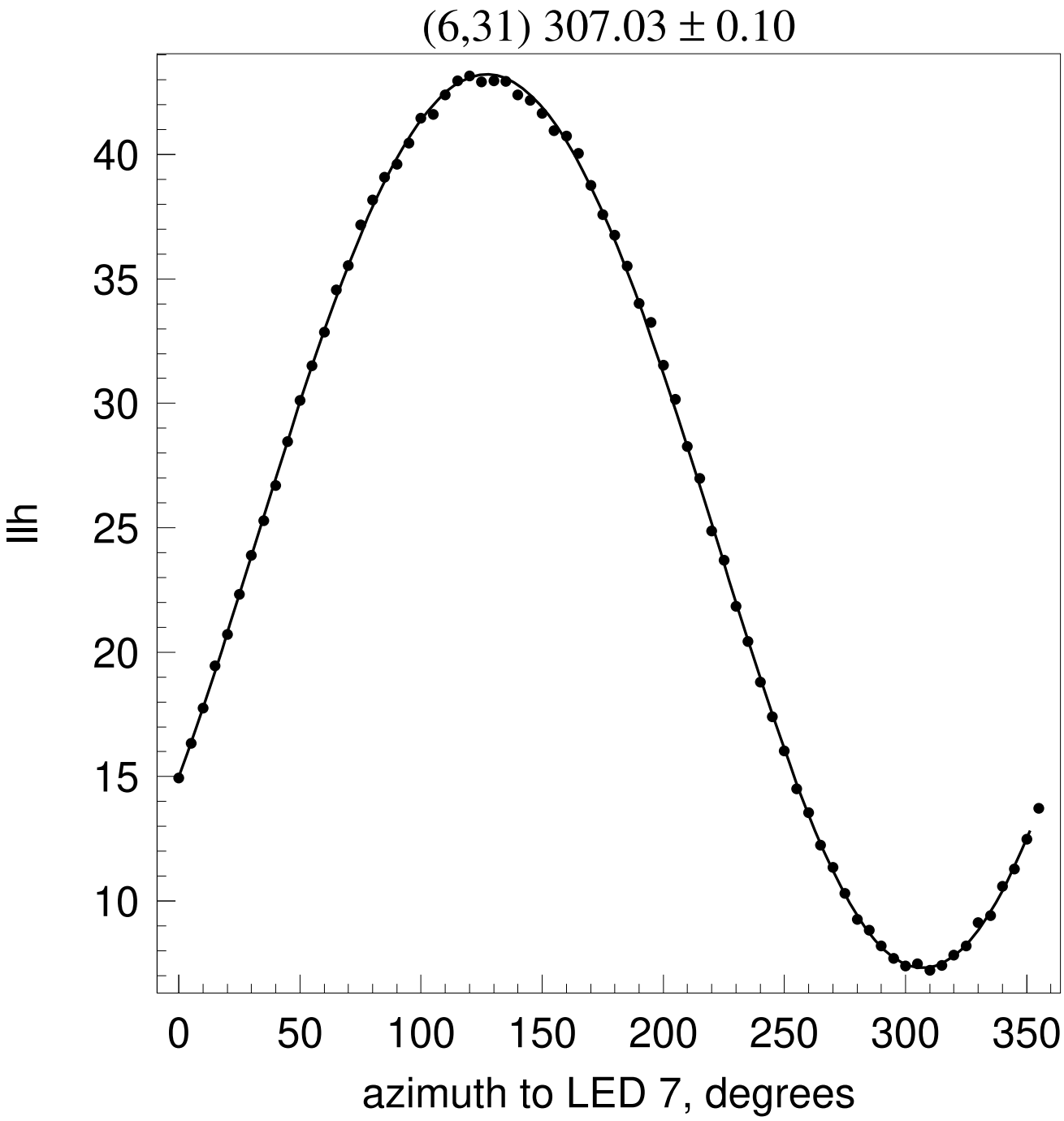

(6,26) 50.07 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

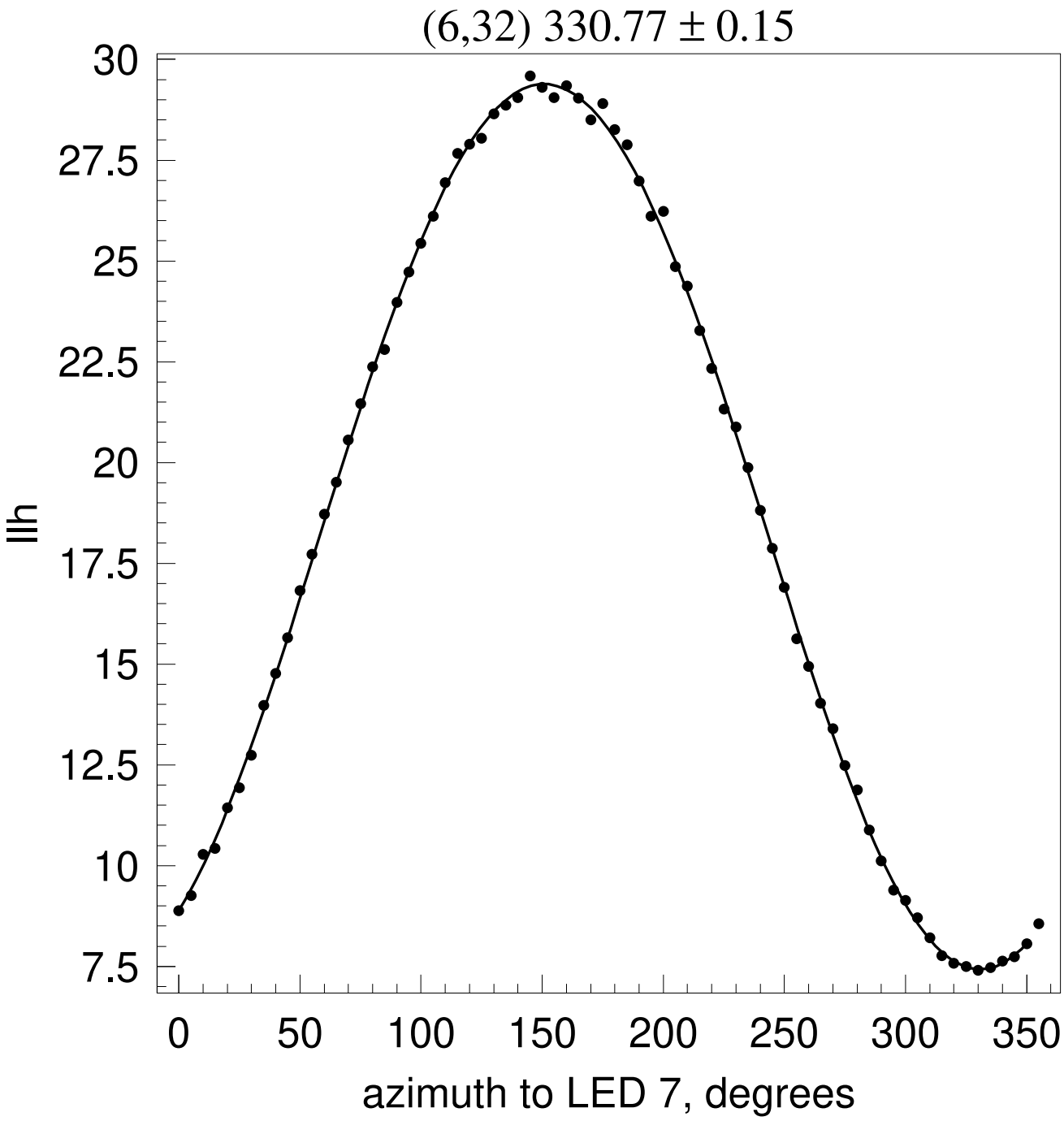

(6,27) 23.42 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

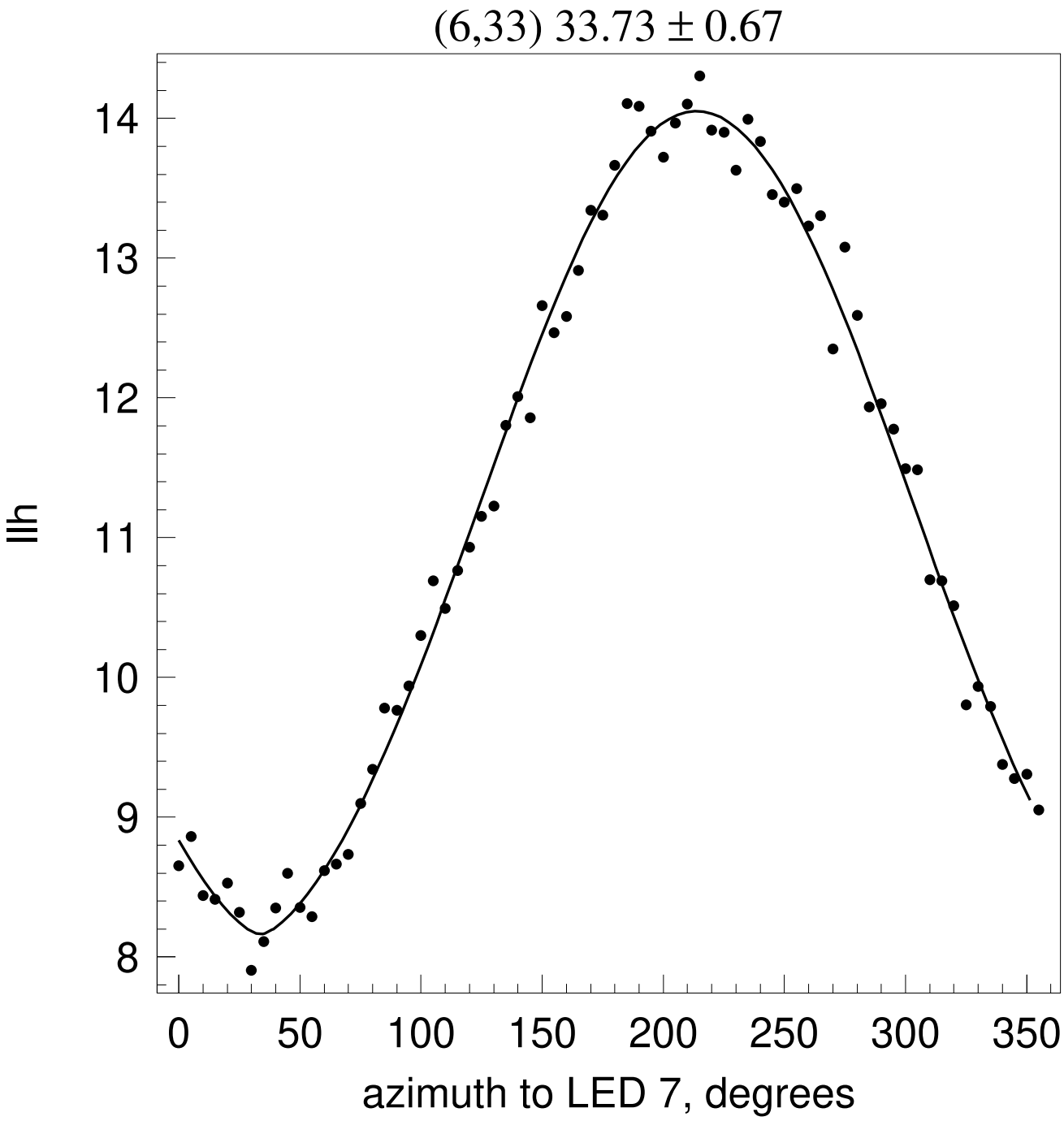

(6,28) 332.44 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

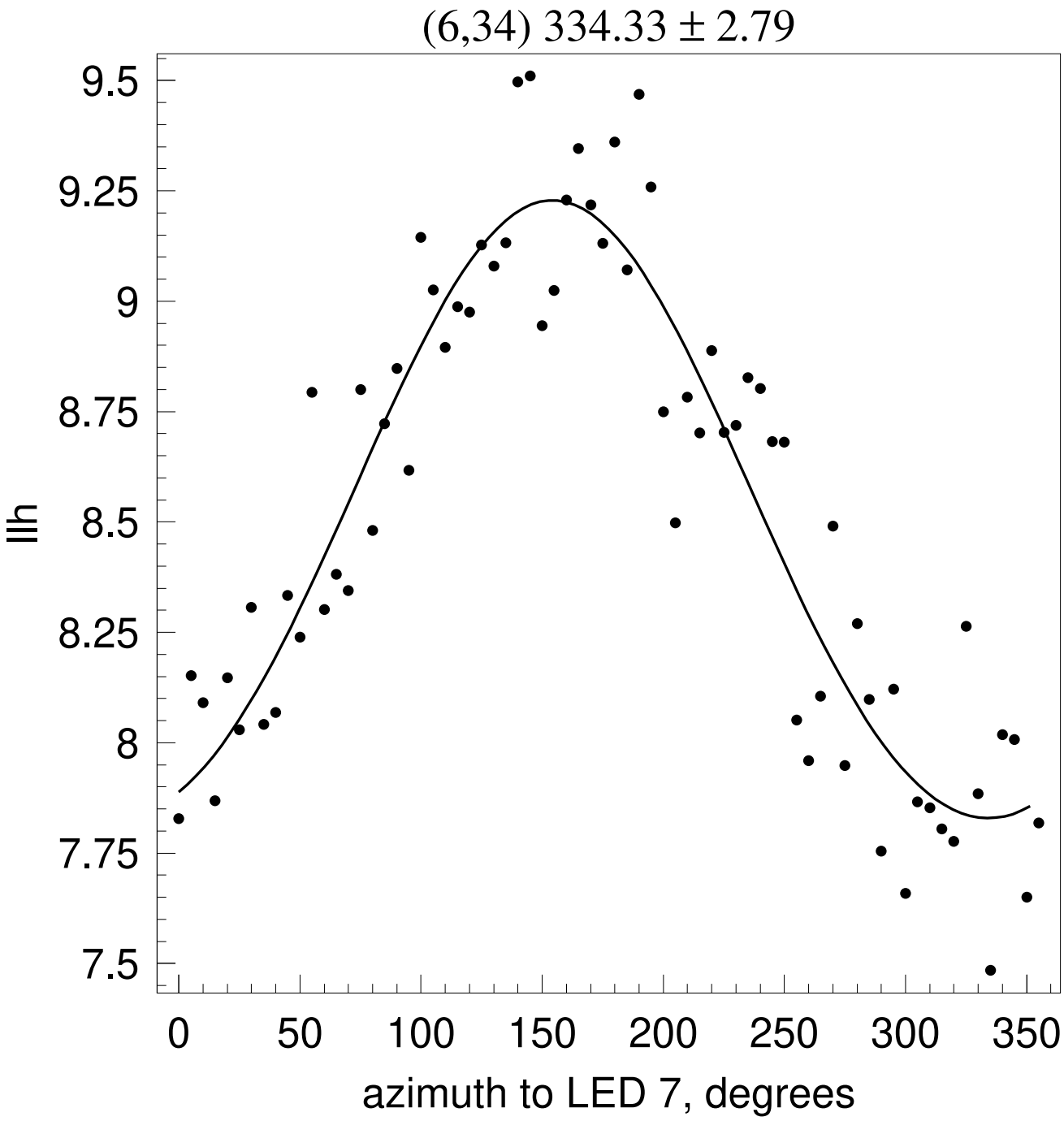

(6,29) 161.31 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

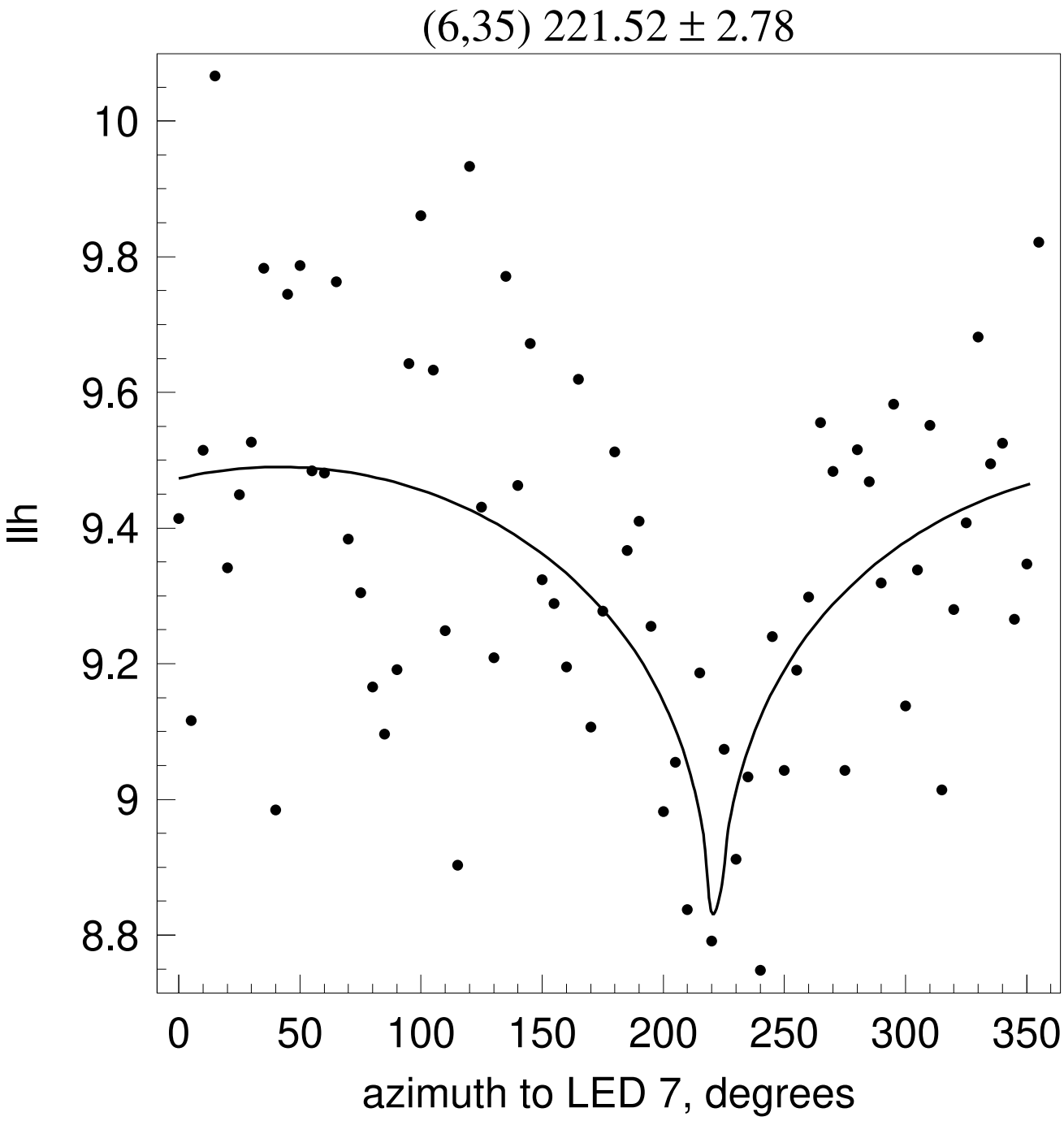

(6,30) 54.64 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

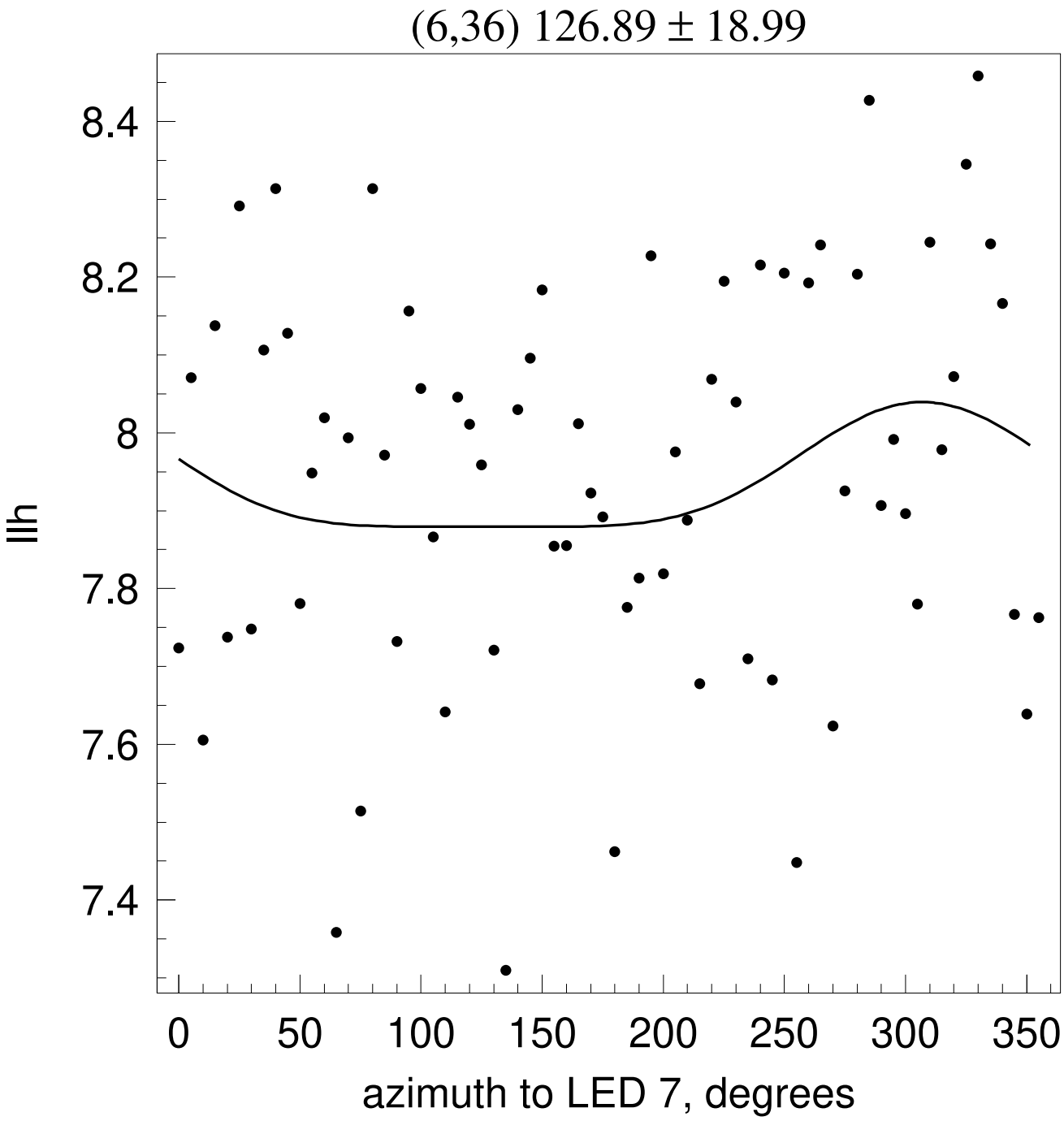

(6,31) 307.03 ± 0.10
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

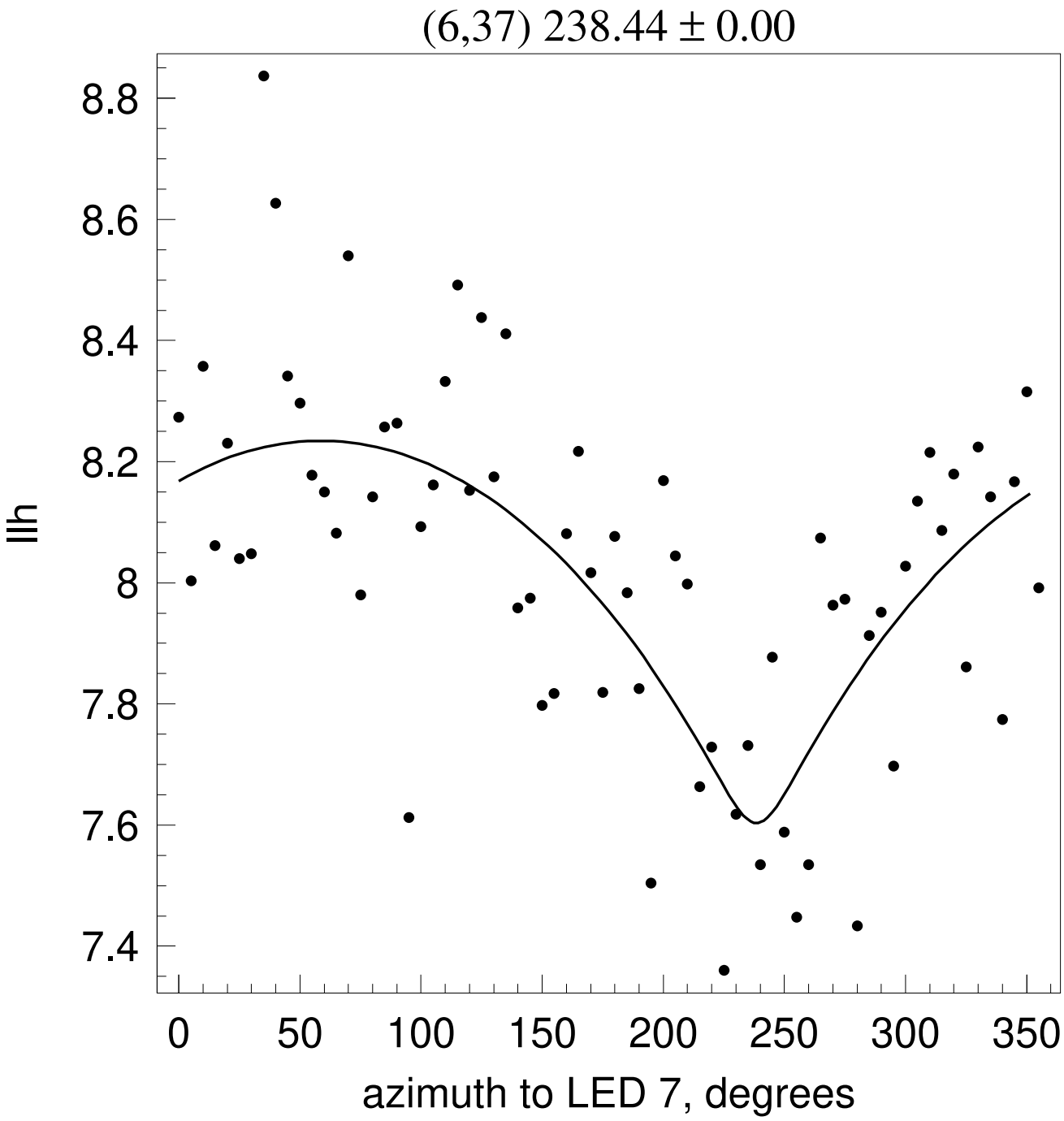

(6,32) 330.77 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

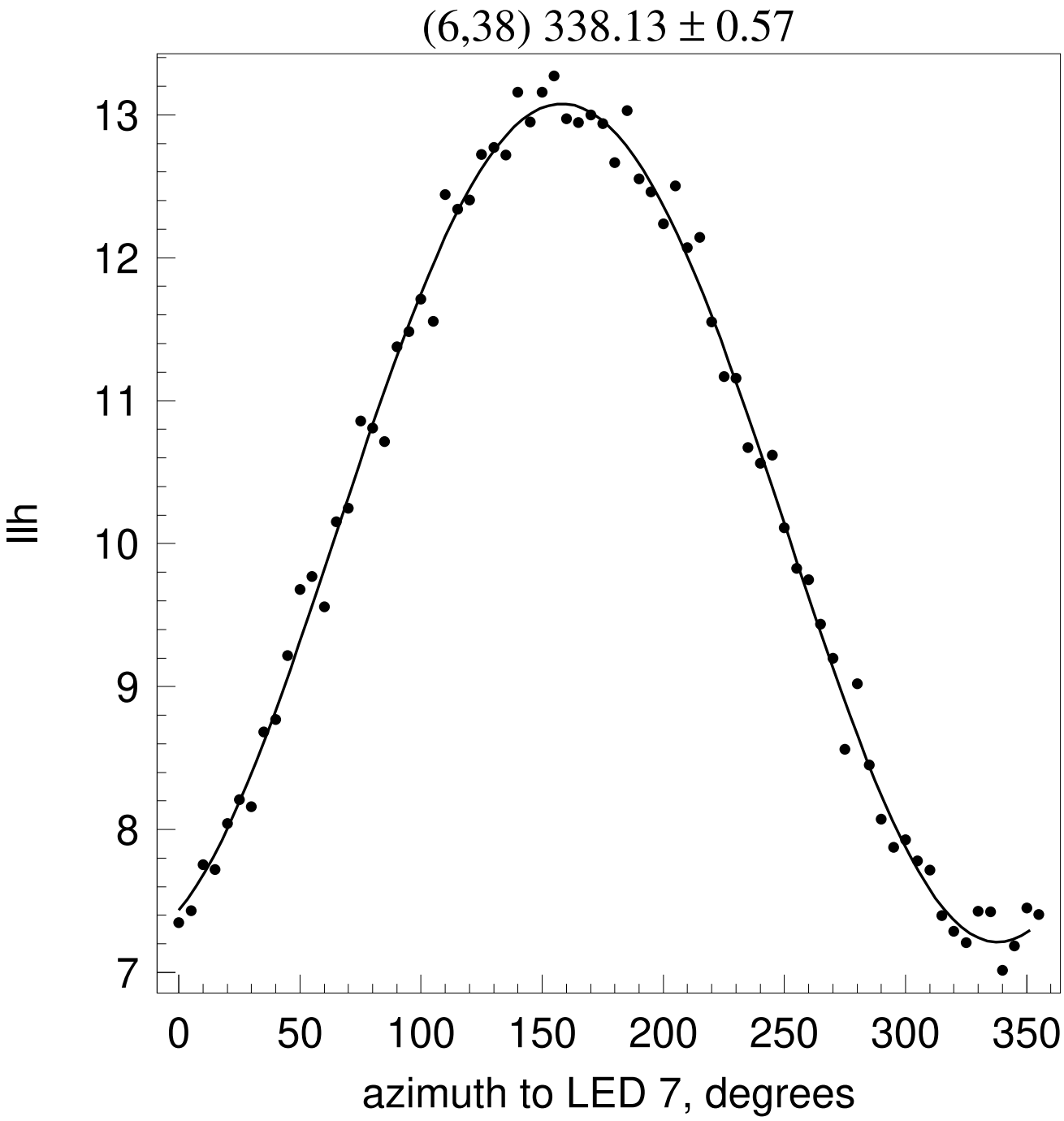

(6,33) 33.73 ± 0.67
14
13
12
11
10
9
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

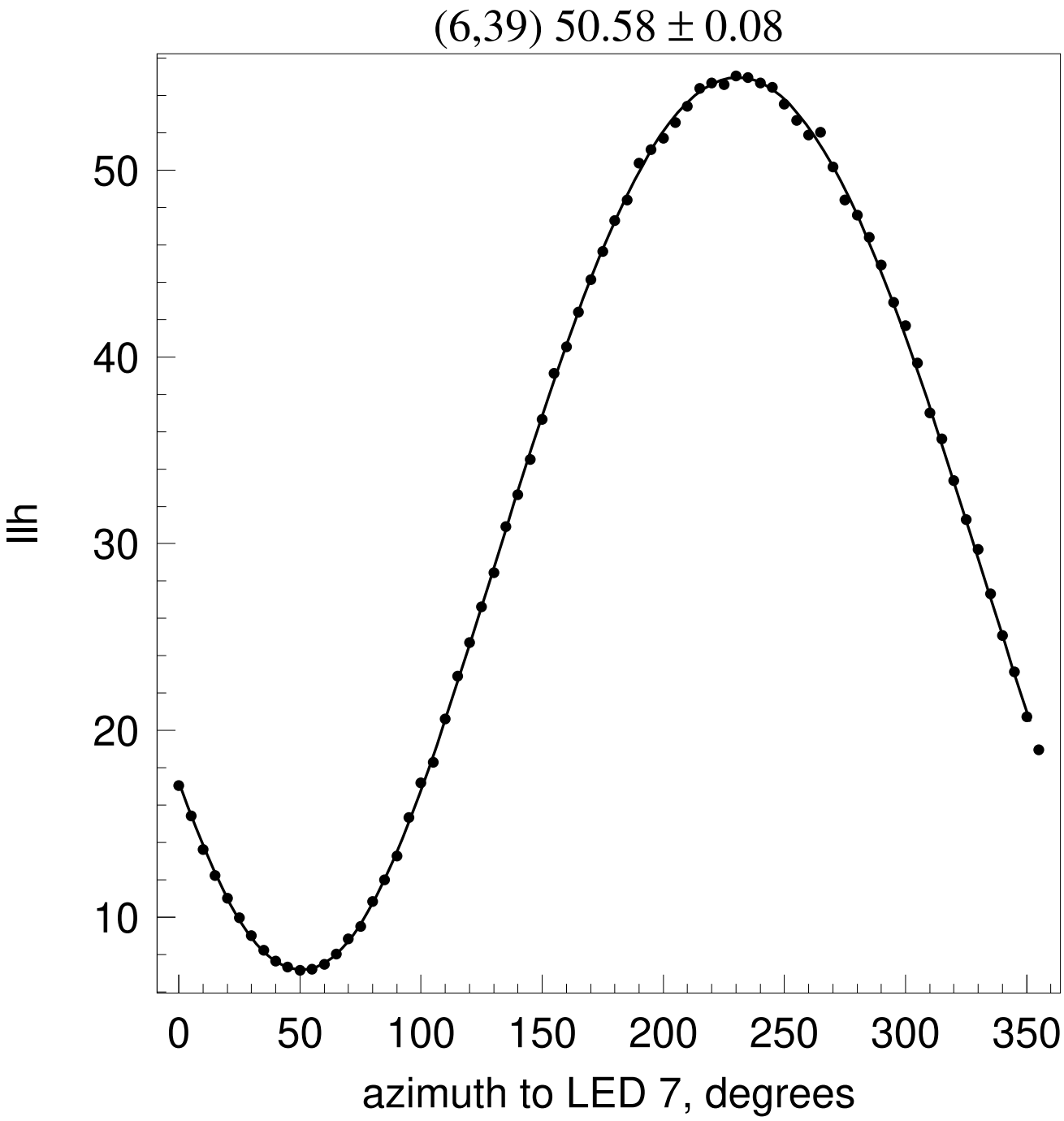

(6,34) 334.33 ± 2.79
9.5
9.25
9
8.75
8.5
8.25
8
7.75
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

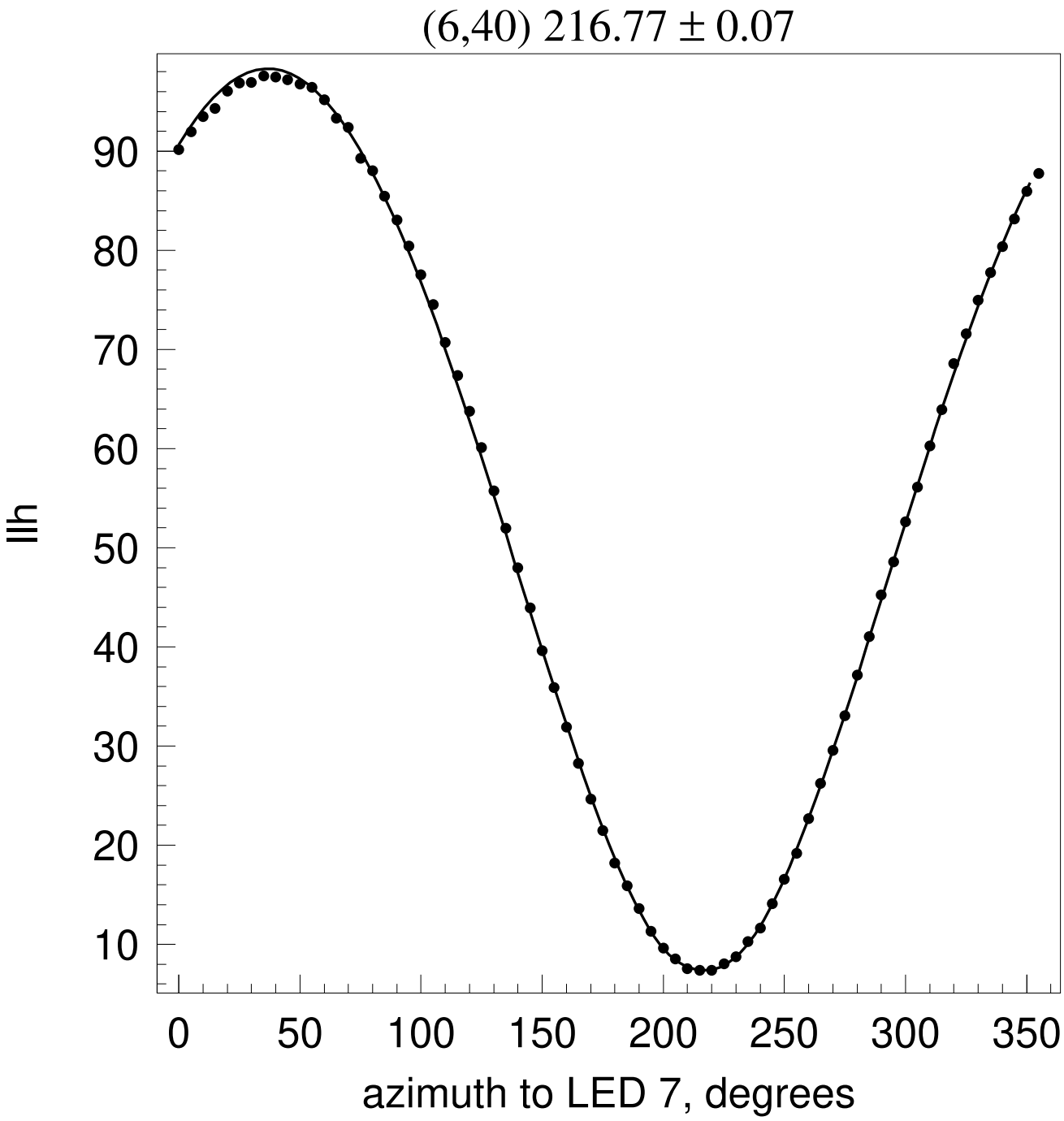

(6,35) 221.52 ± 2.78
10
9.8
9.6
9.4
9.2
9
8.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

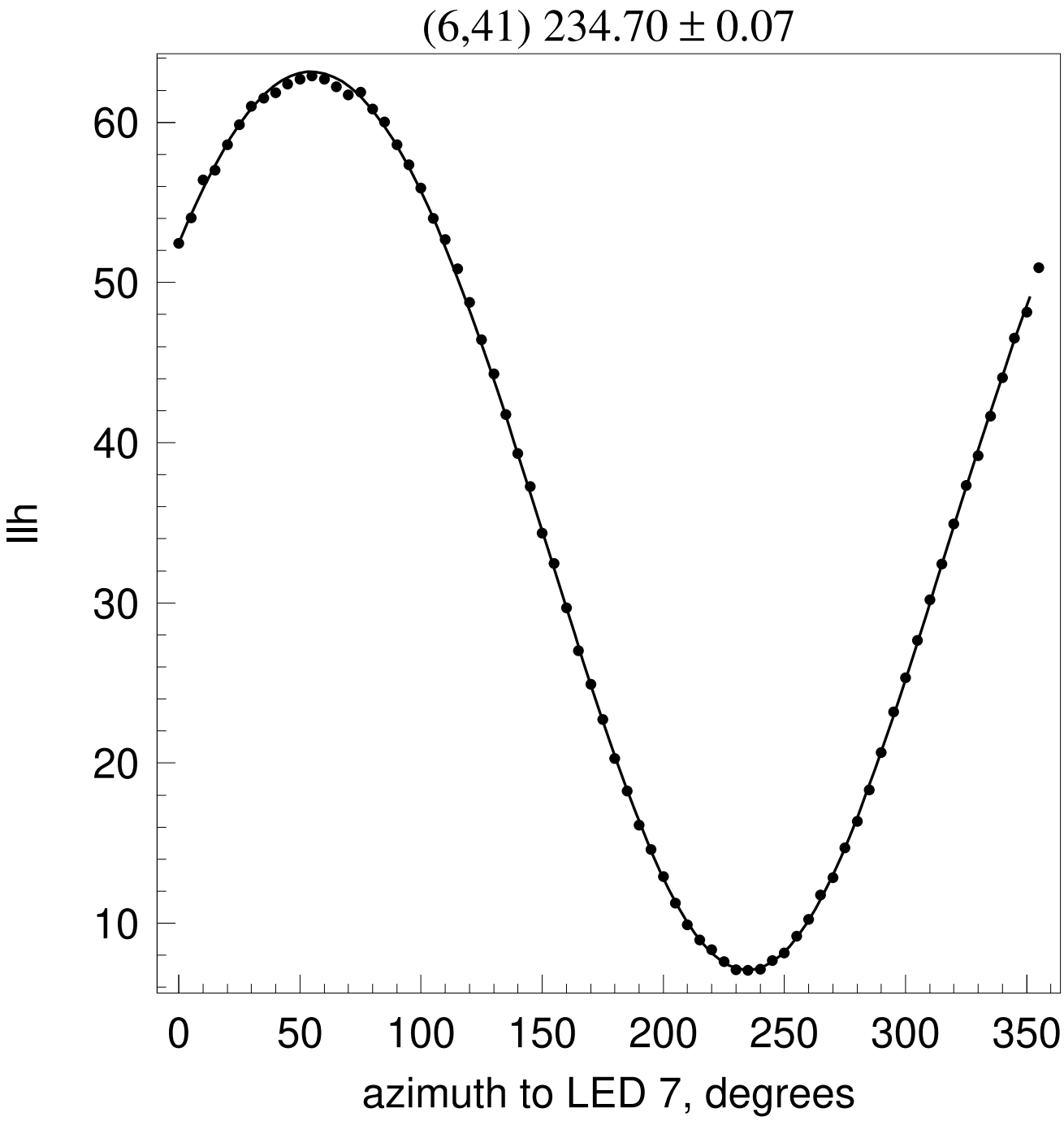

(6,36) 126.89 ± 18.99
8.4
8.2
8
7.8
7.6
7.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

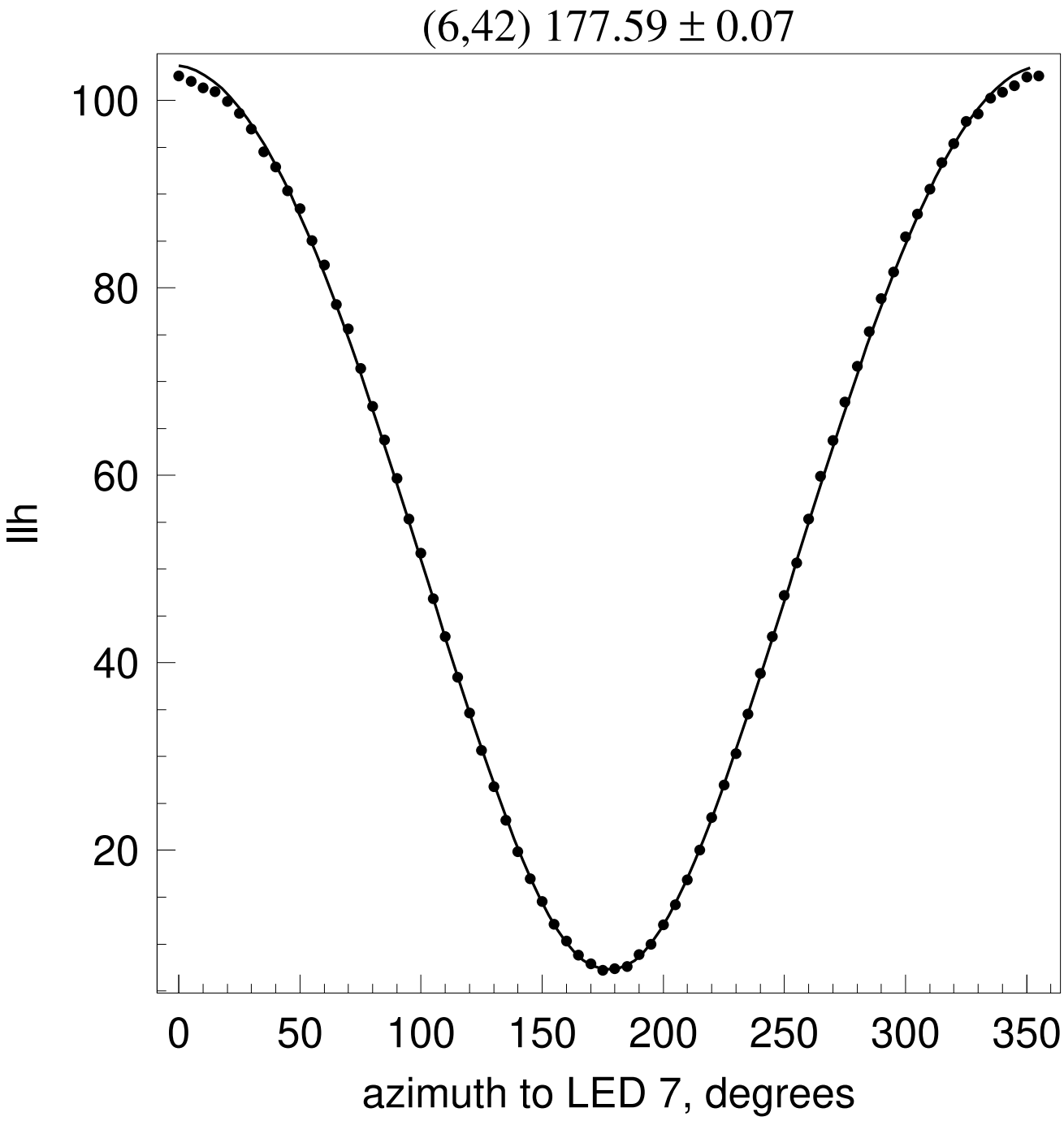

(6,37) 238.44 ± 0.00
8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

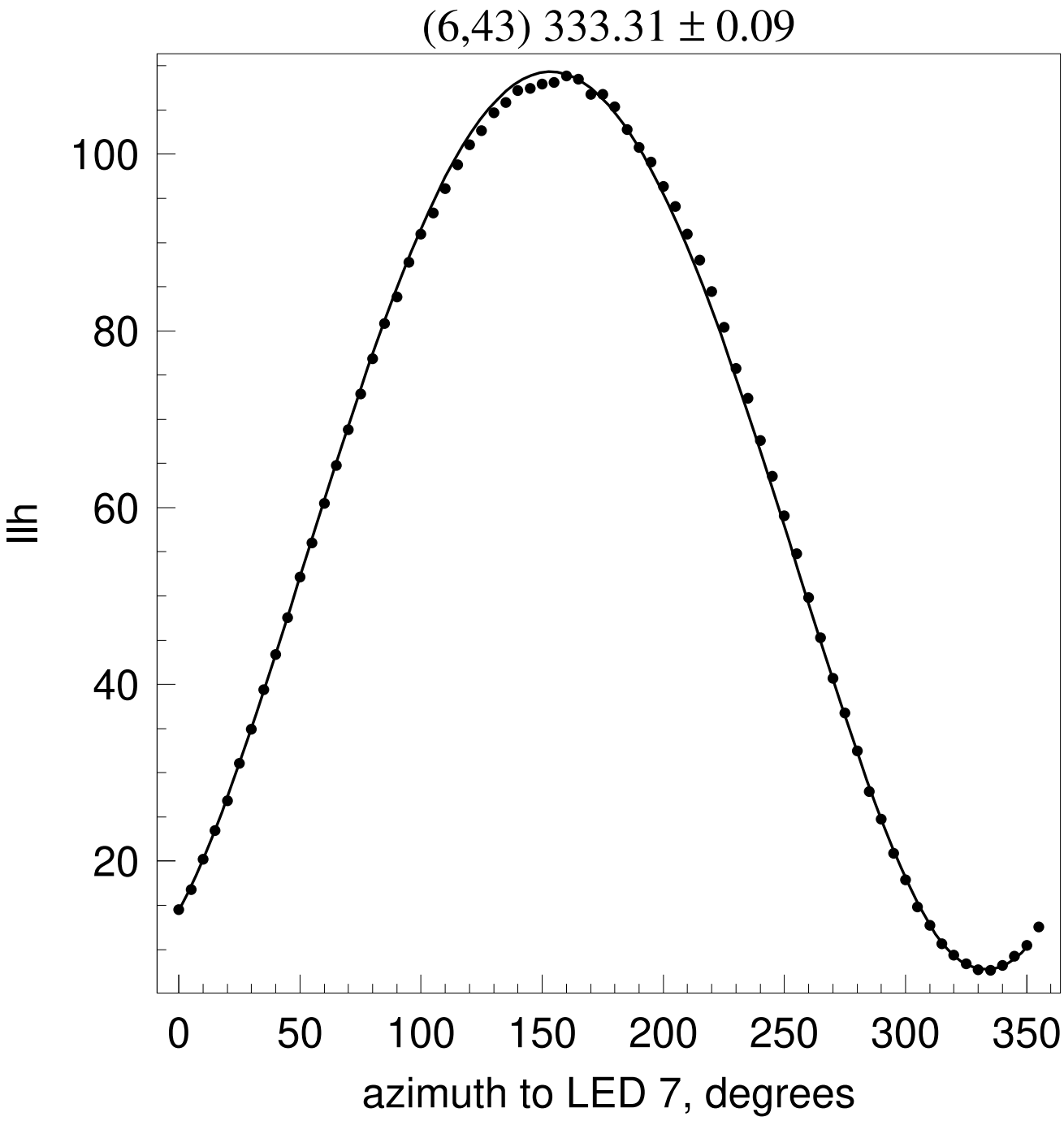

(6,38) 338.13 ± 0.57
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

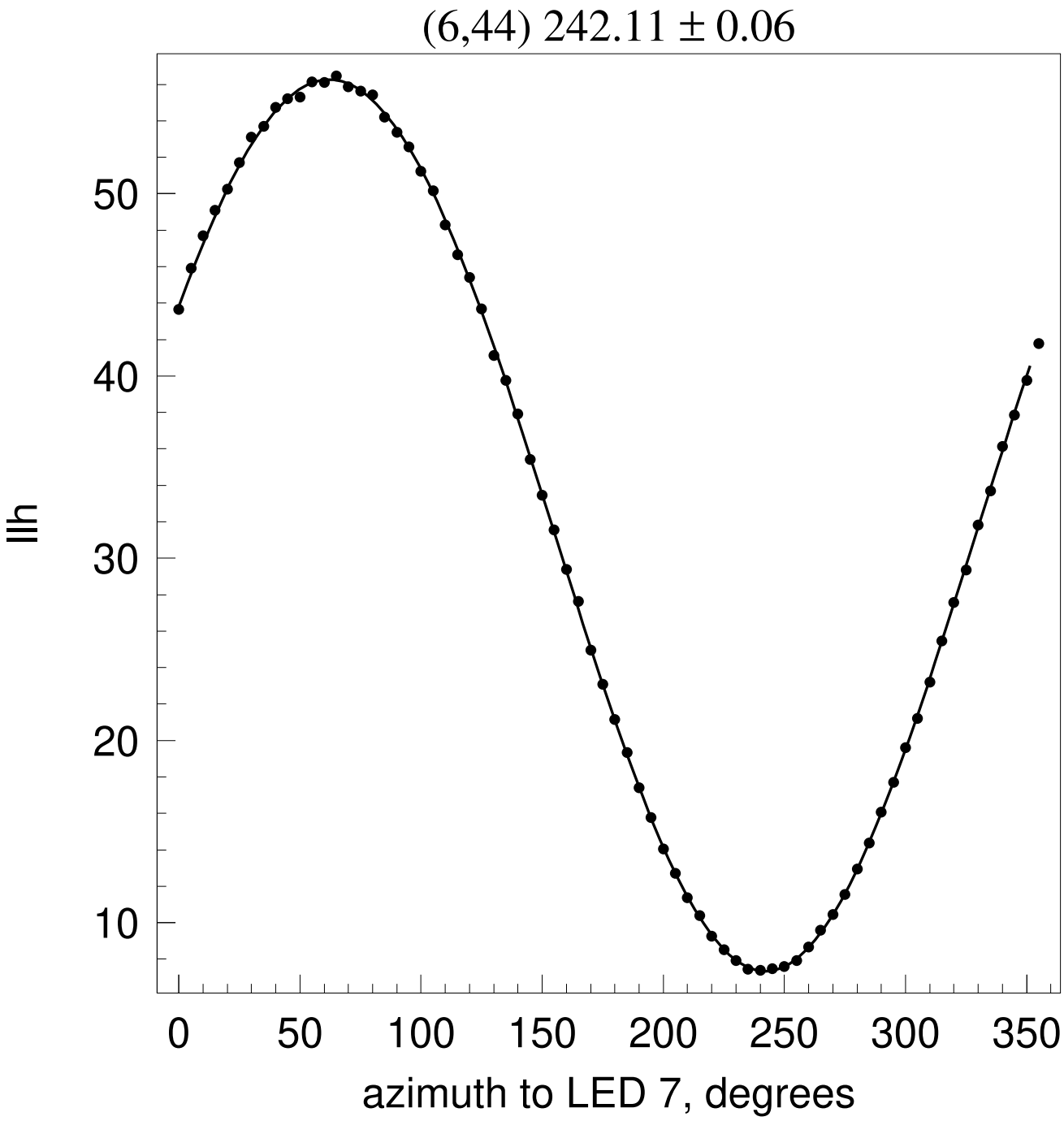

(6,39) 50.58 ± 0.08
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

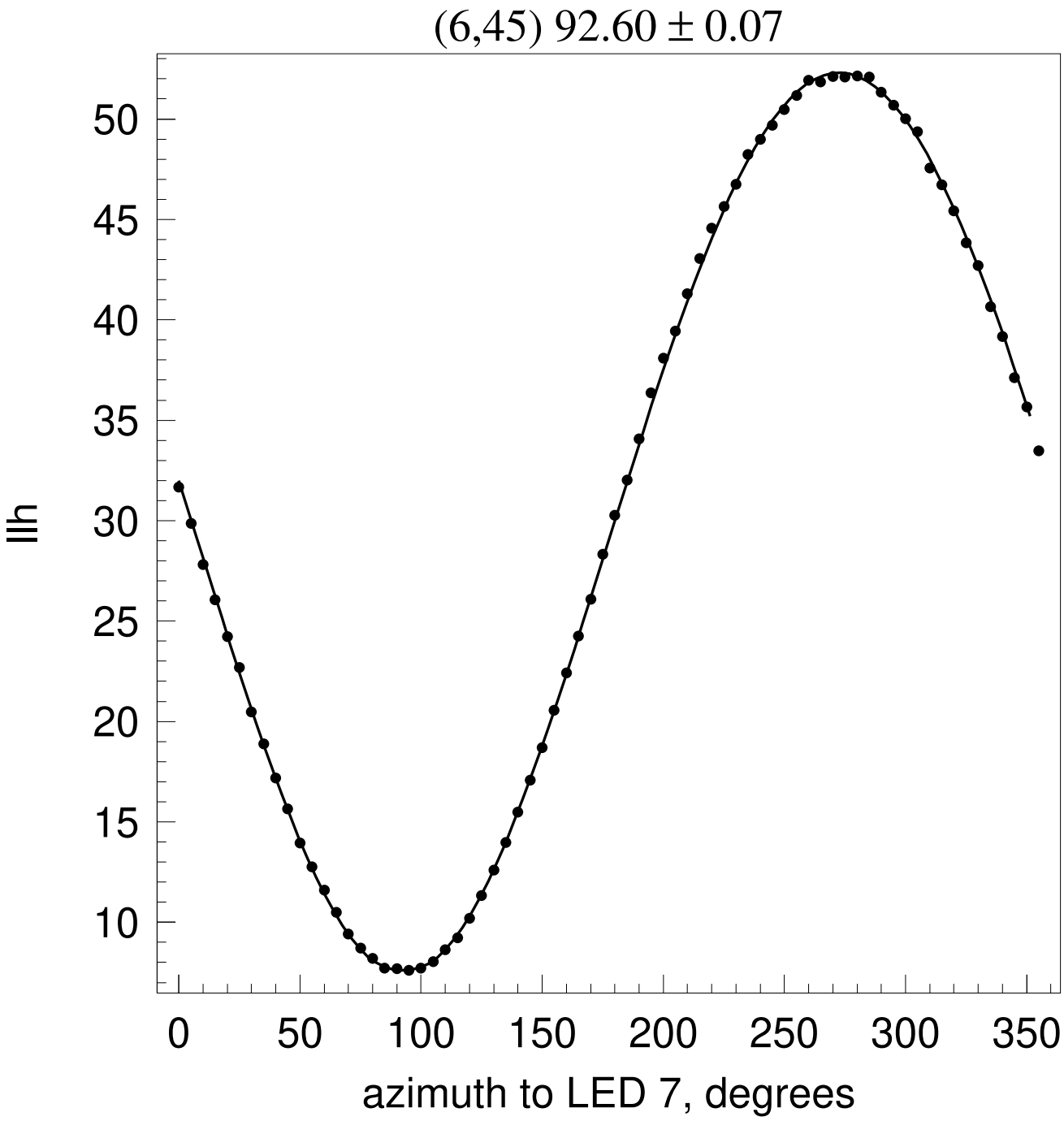

(6,40) 216.77 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

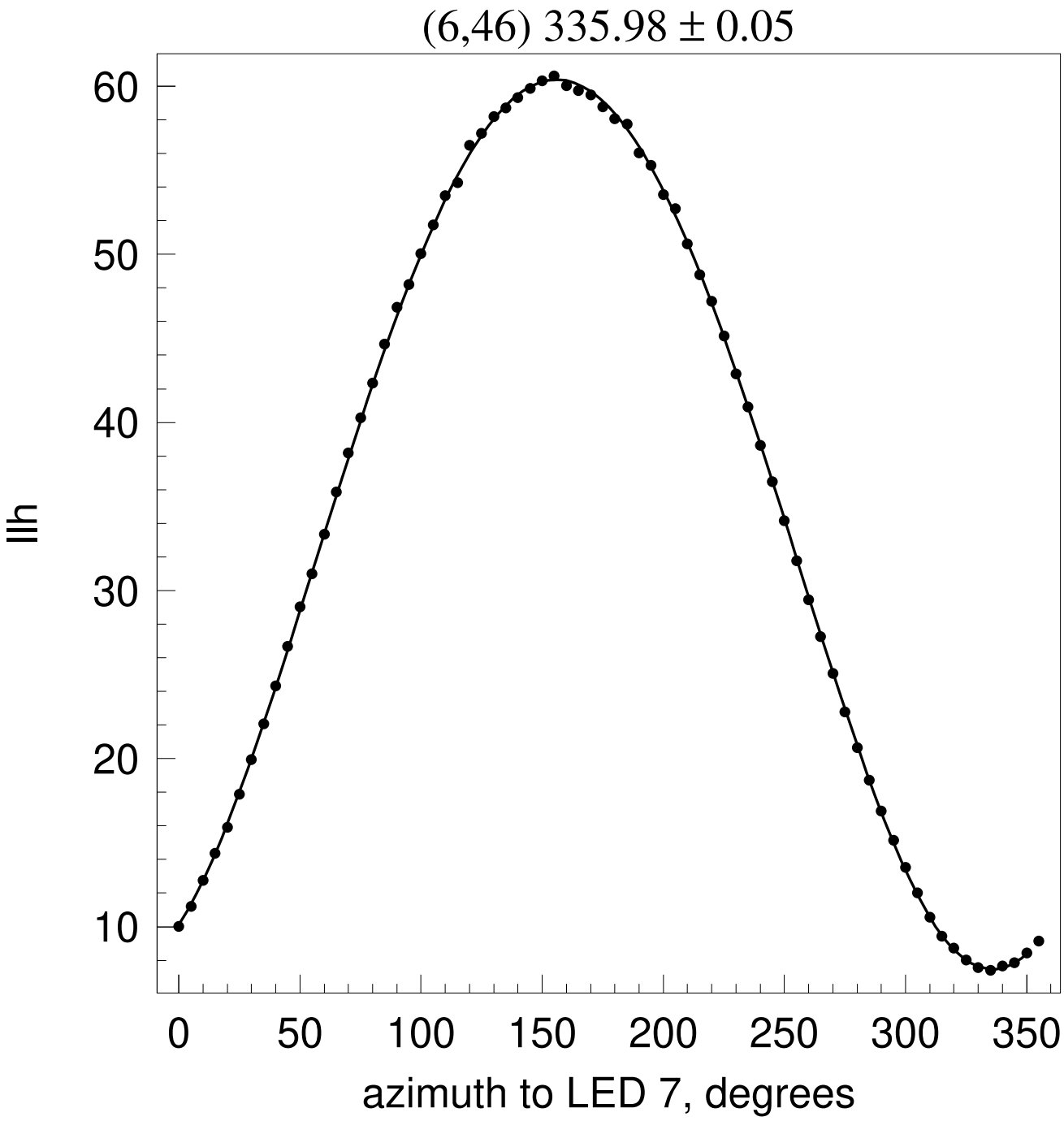

(6,41) 234.70 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

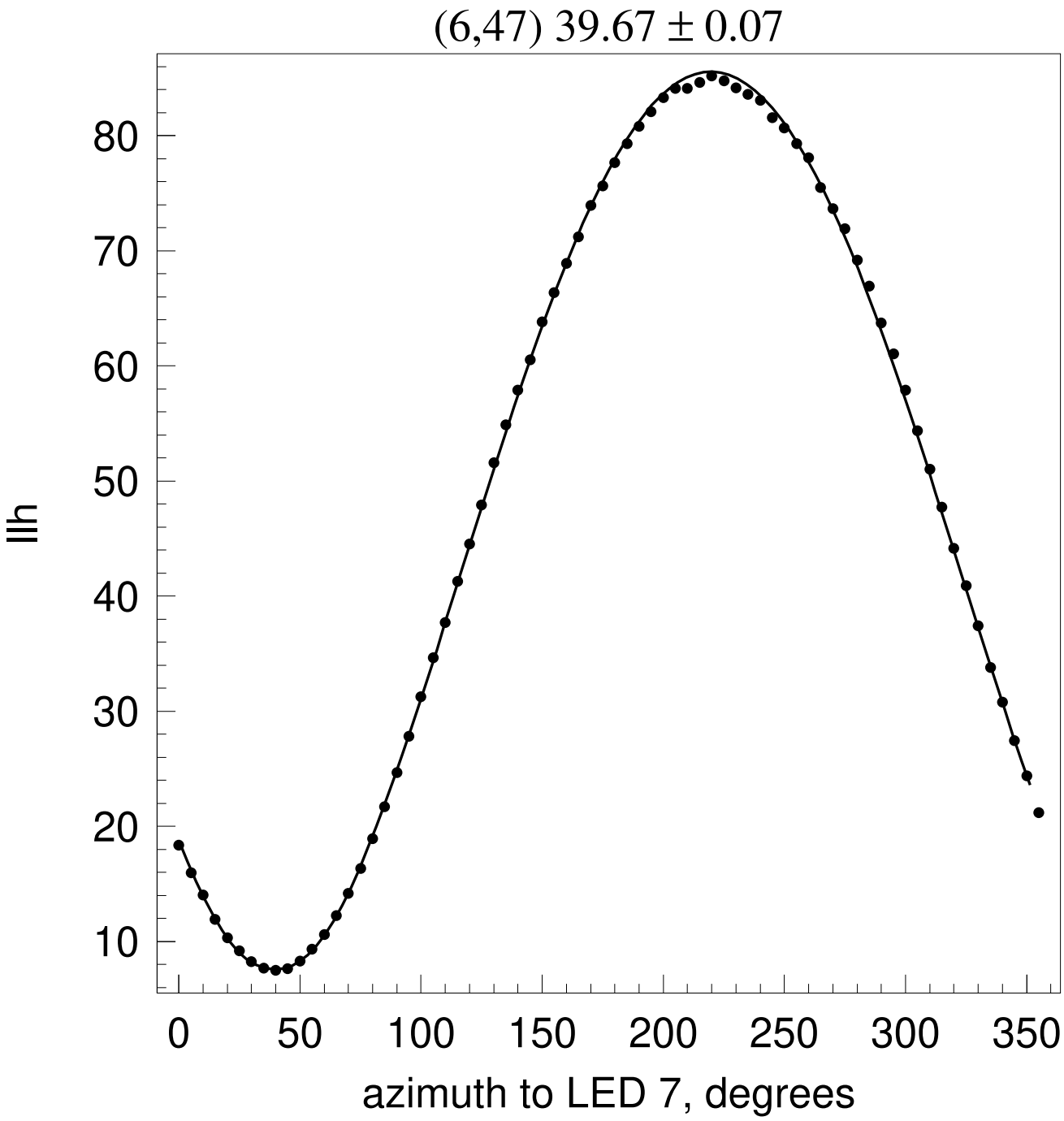

(6,42) 177.59 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

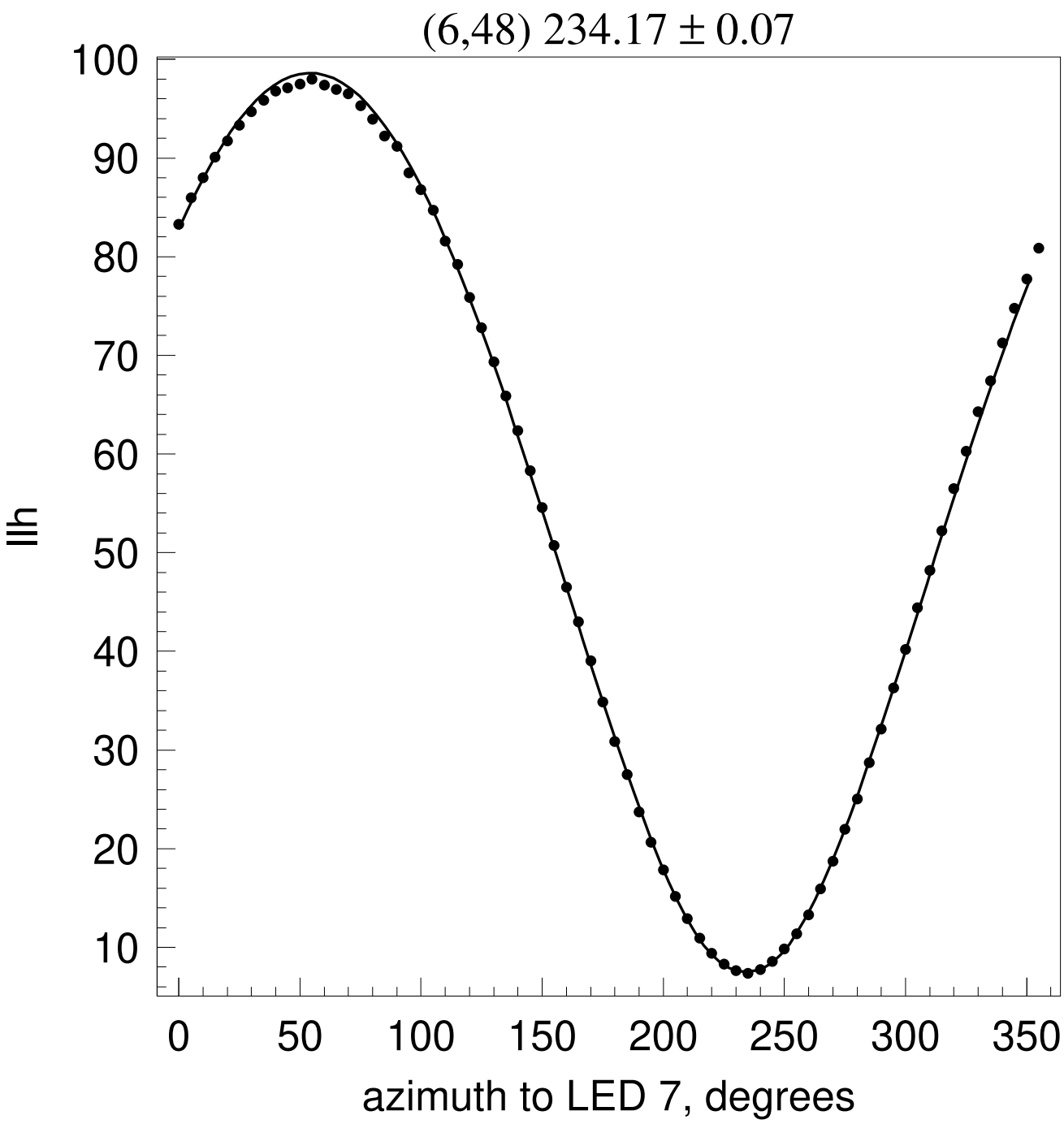

(6,43) 333.31 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

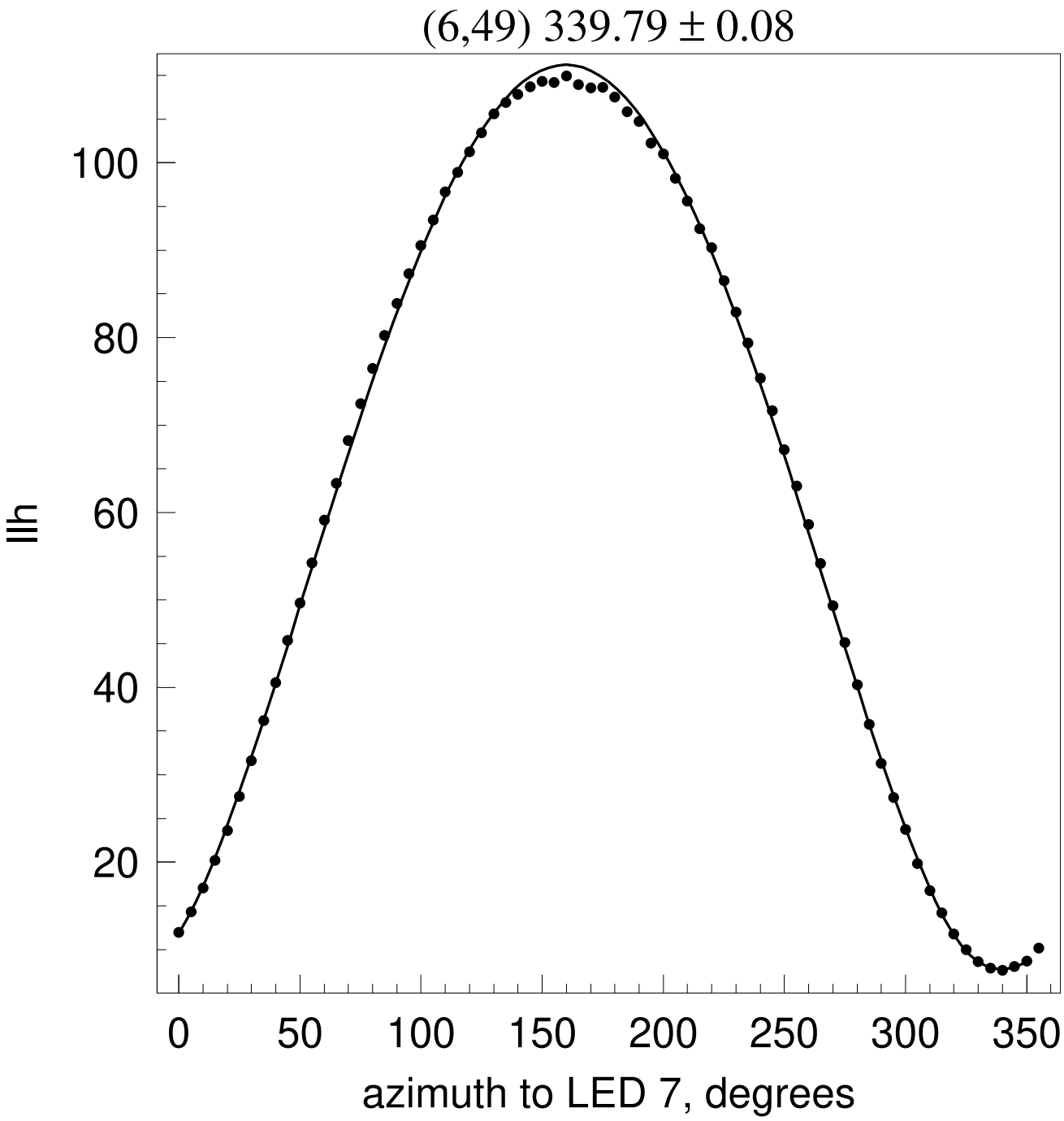

(6,44) 242.11 ± 0.06
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

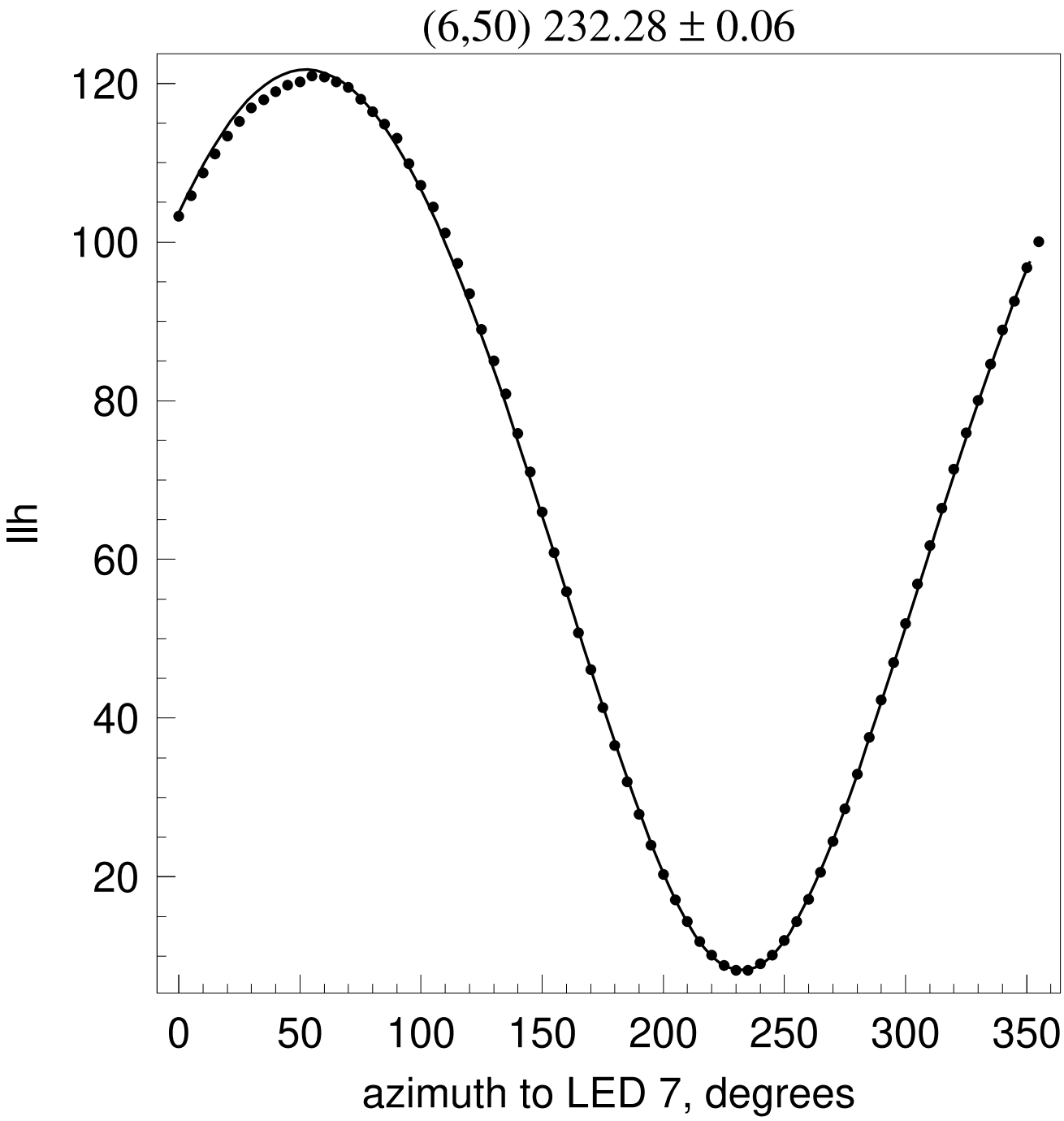

(6,45) 92.60 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

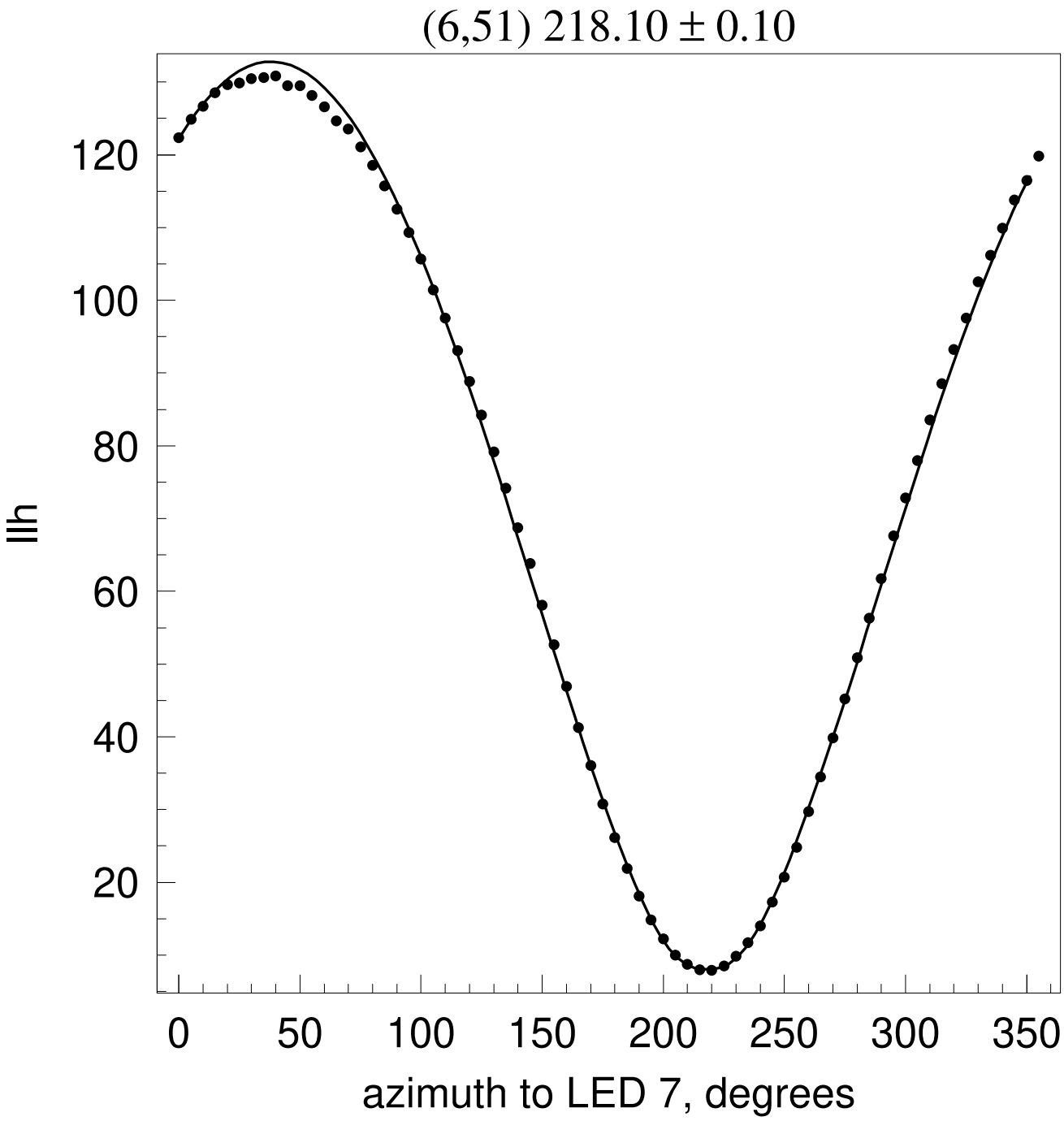

(6,46) 335.98 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

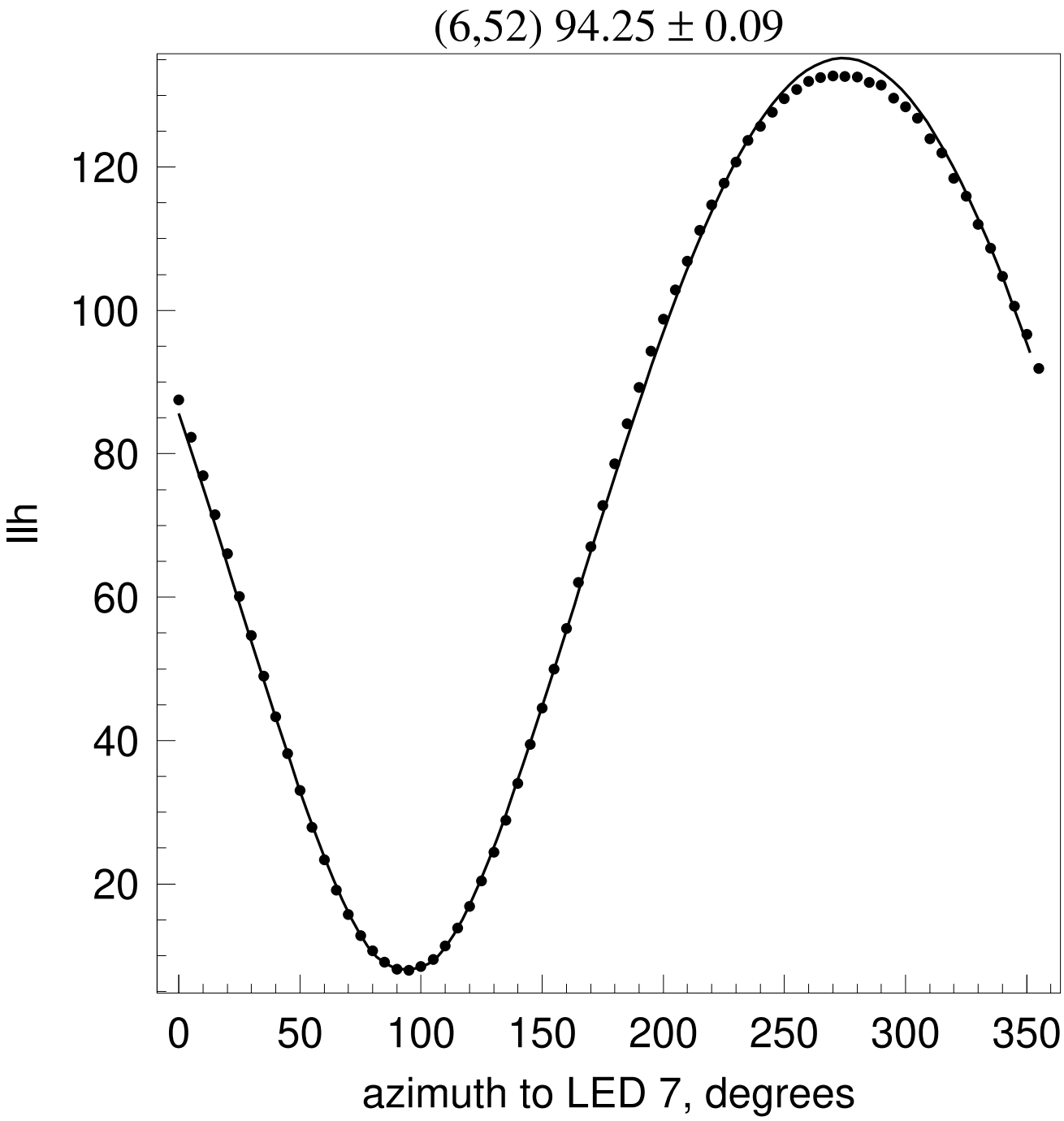

(6,47) 39.67 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

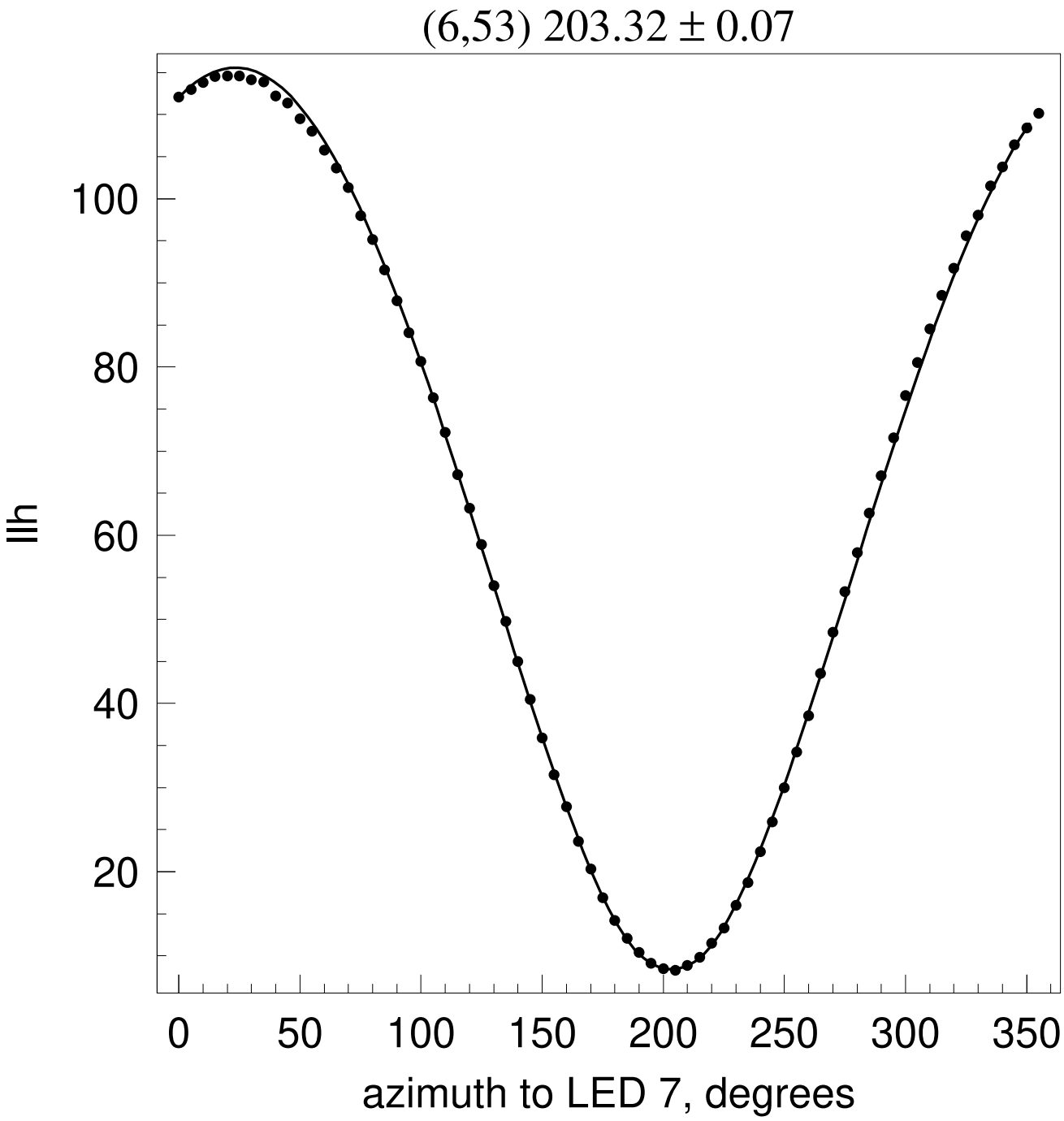

(6,48) 234.17 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

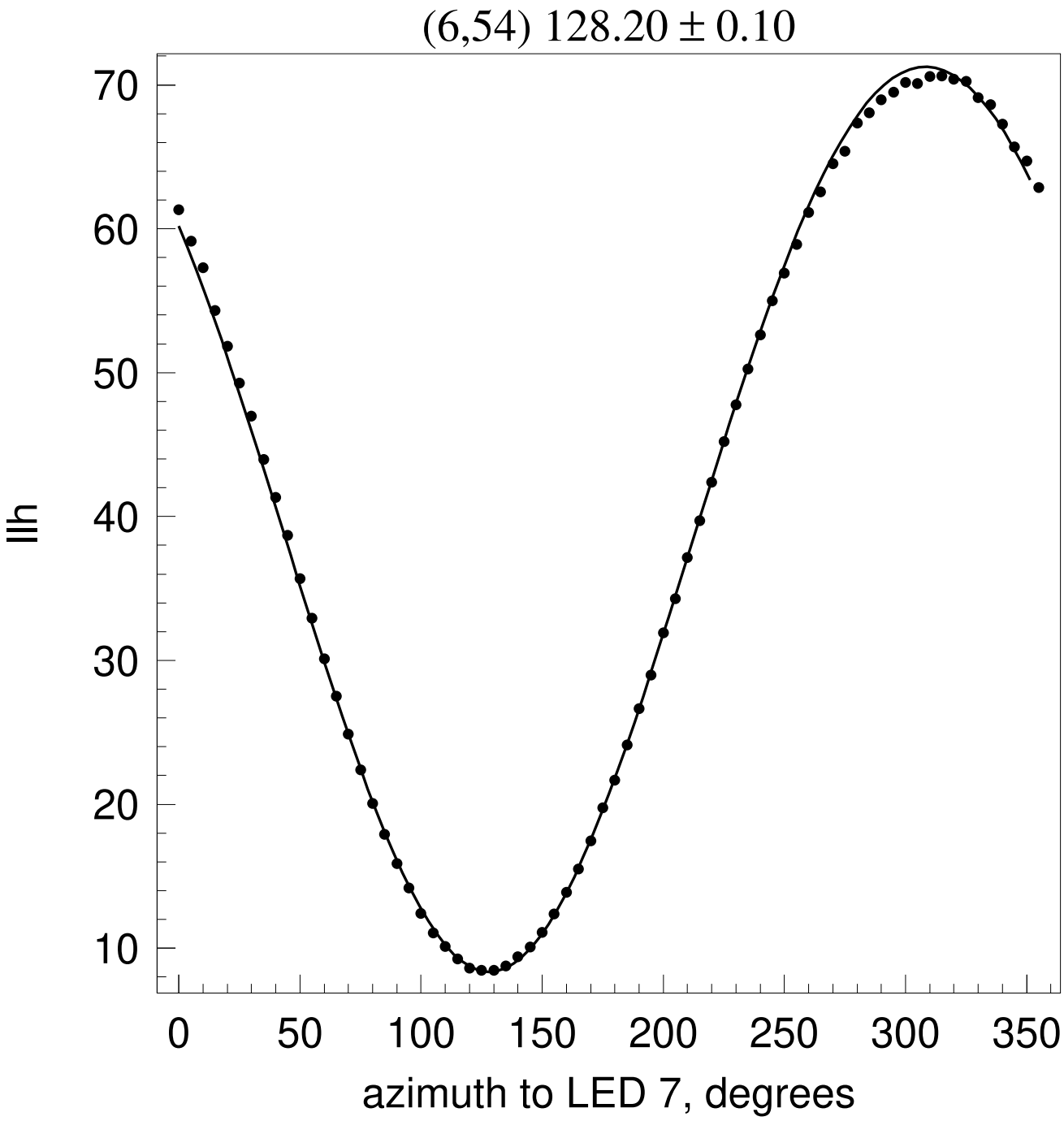

(6,49) 339.79 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

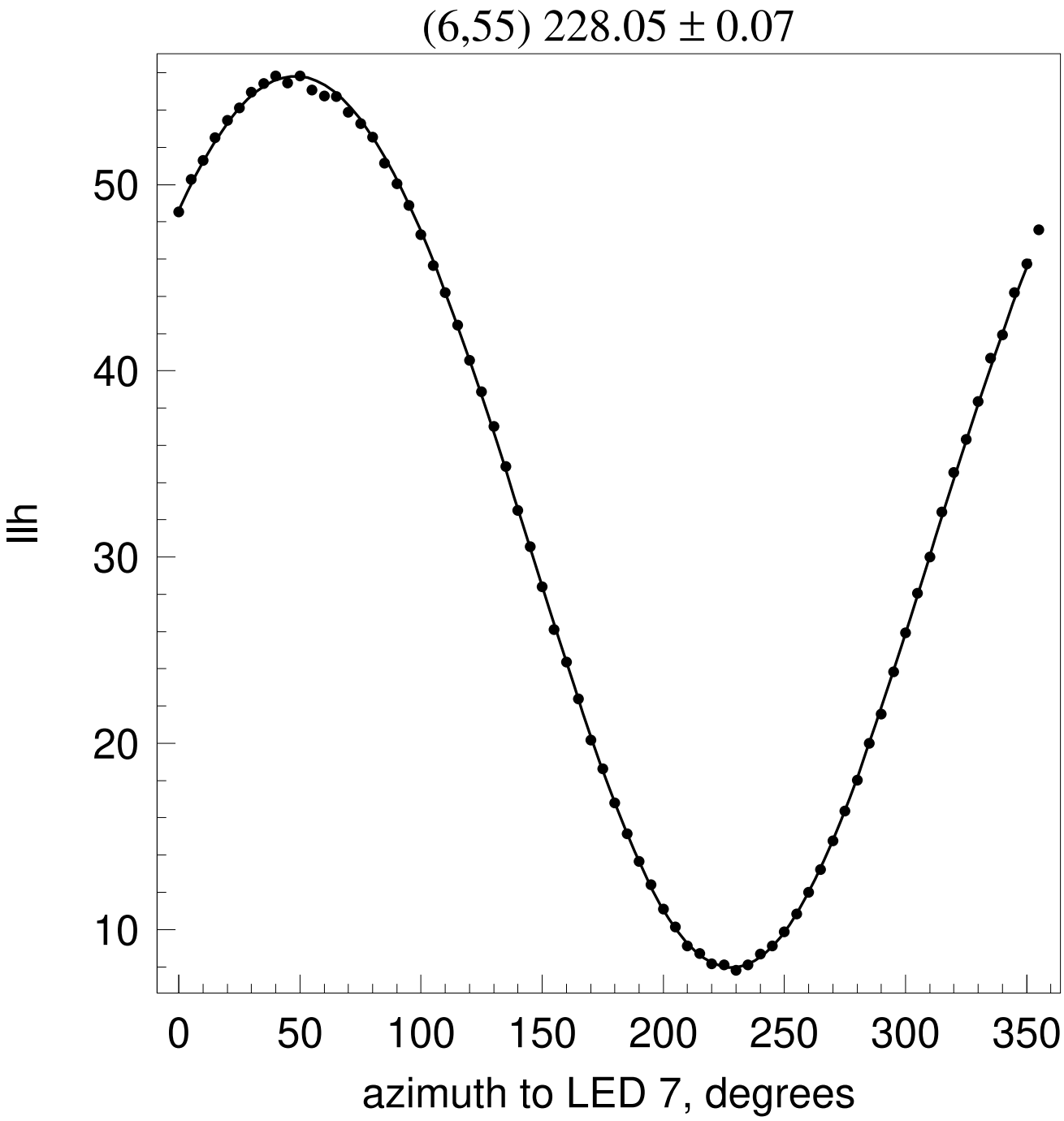

(6,50) 232.28 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

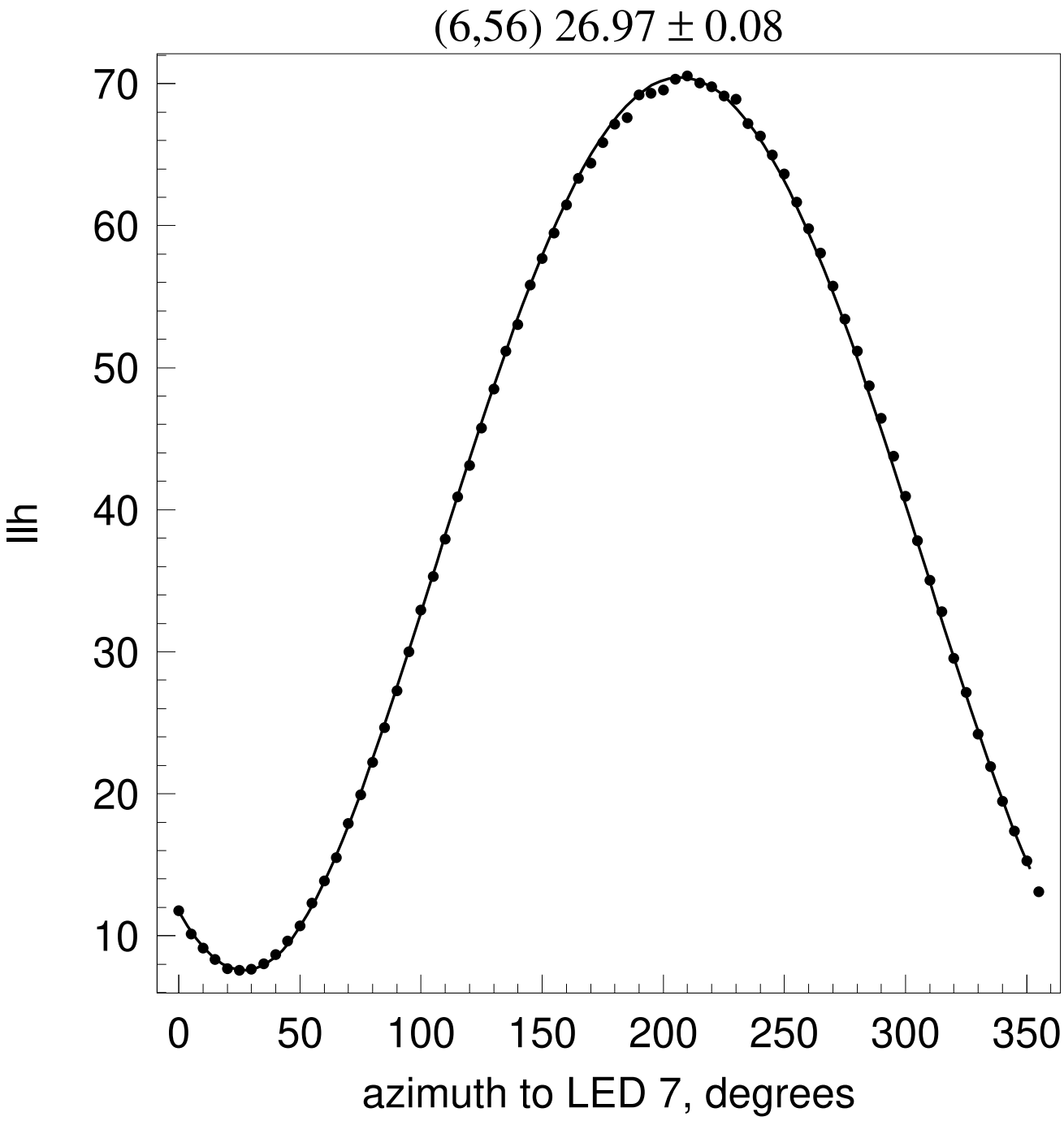

(6,51) 218.10 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

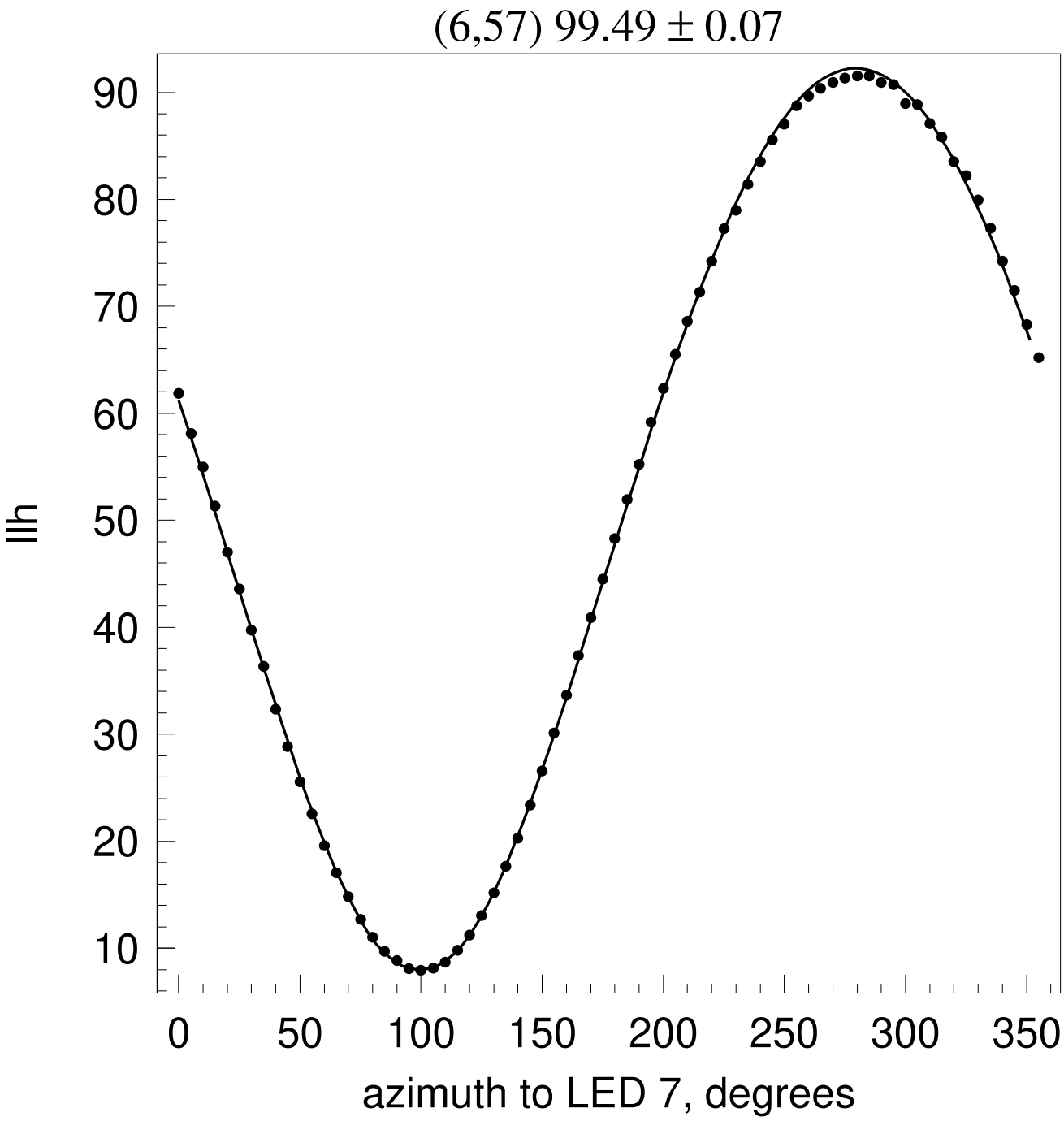

(6,52) 94.25 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

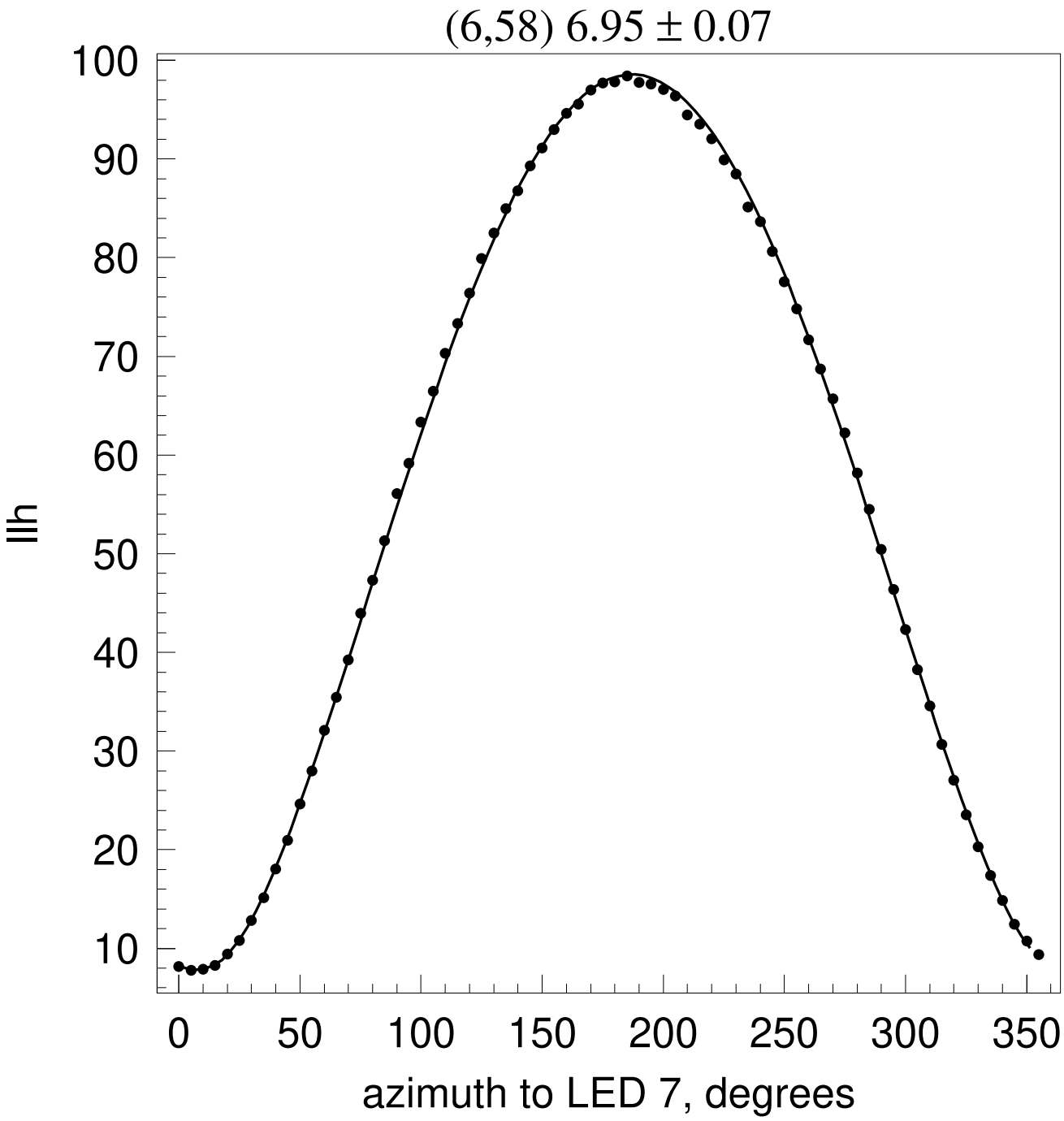

(6,53) 203.32 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

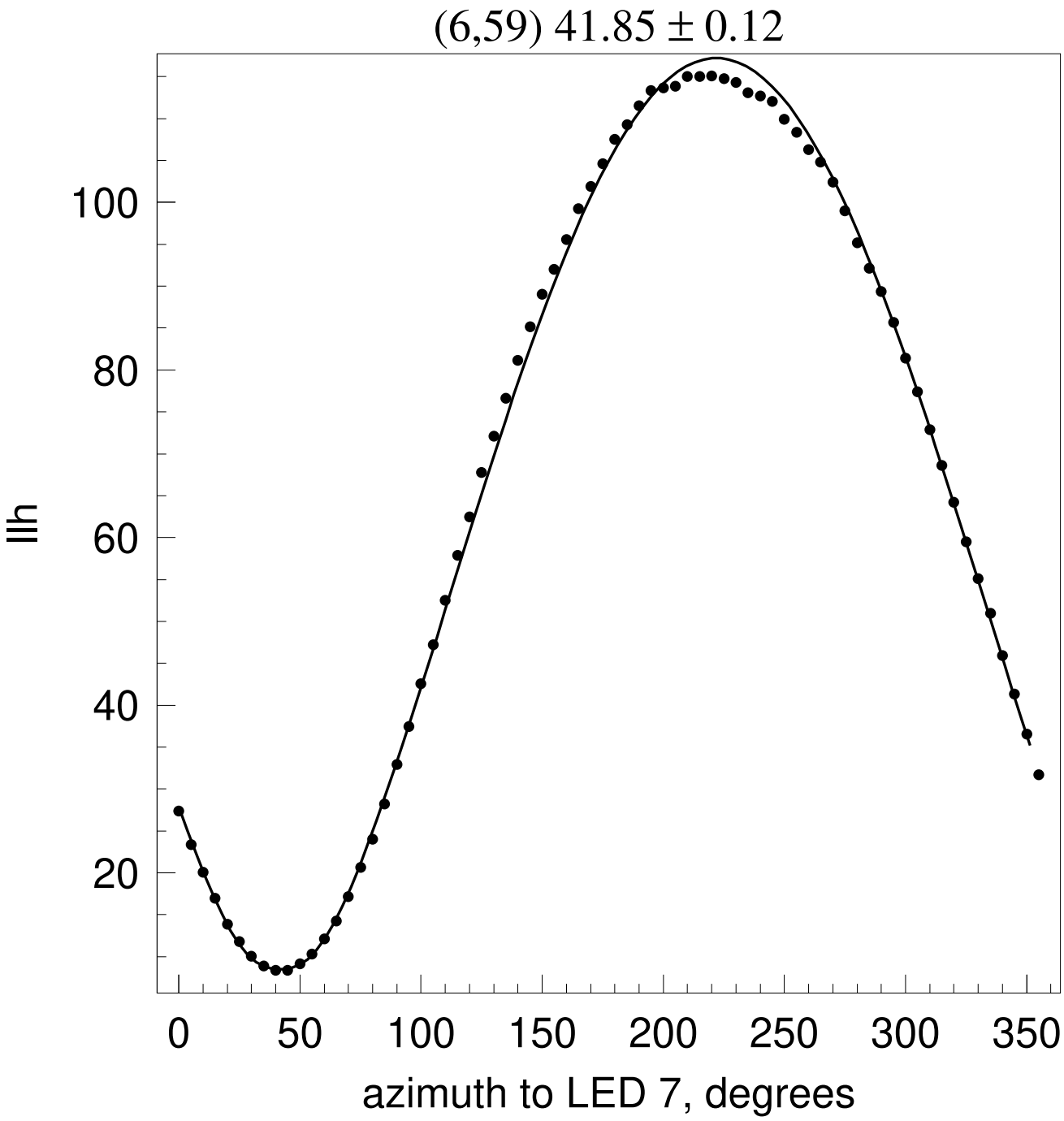

(6,54) 128.20 ± 0.10
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

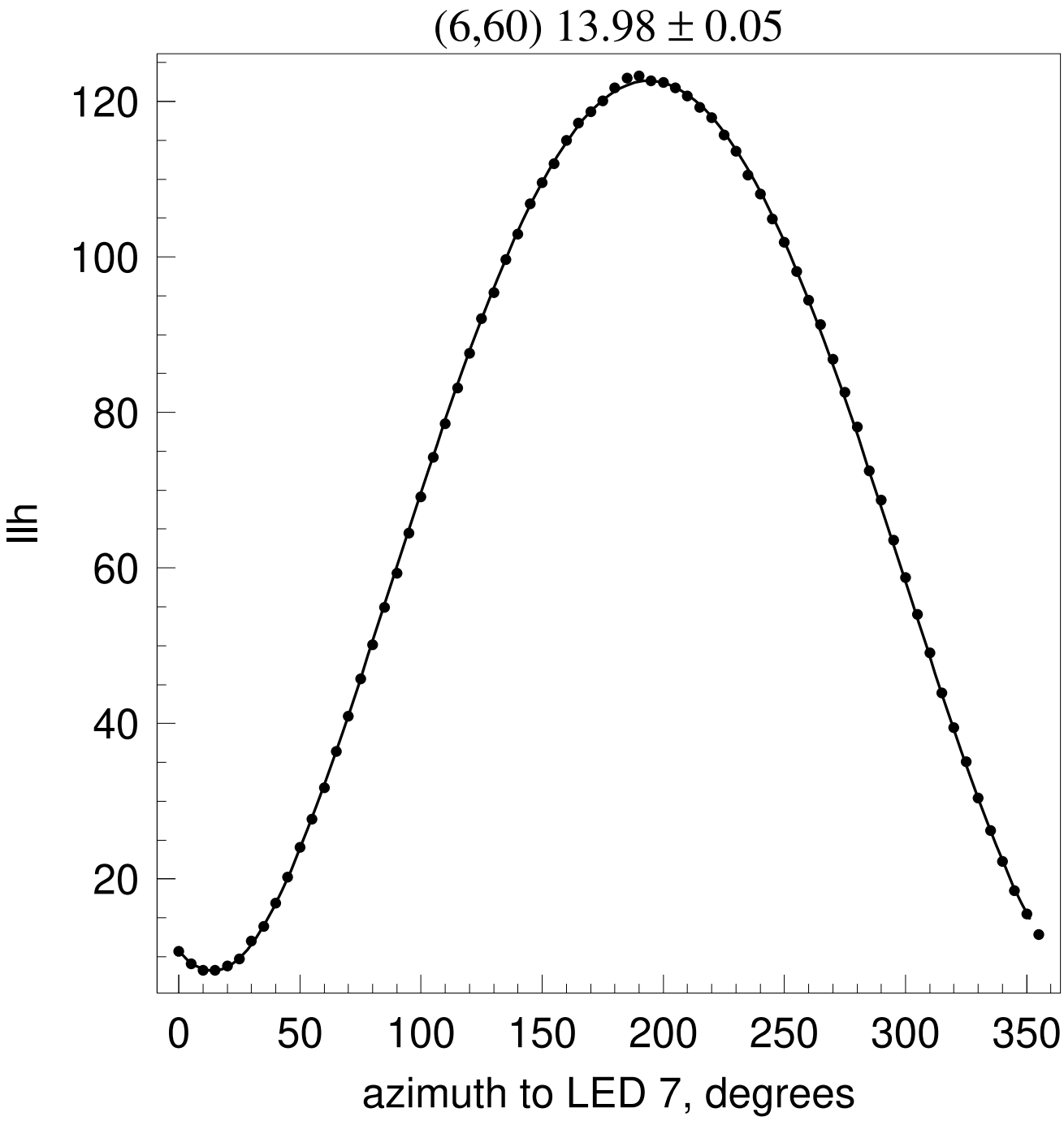

(6,55) 228.05 ± 0.07
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

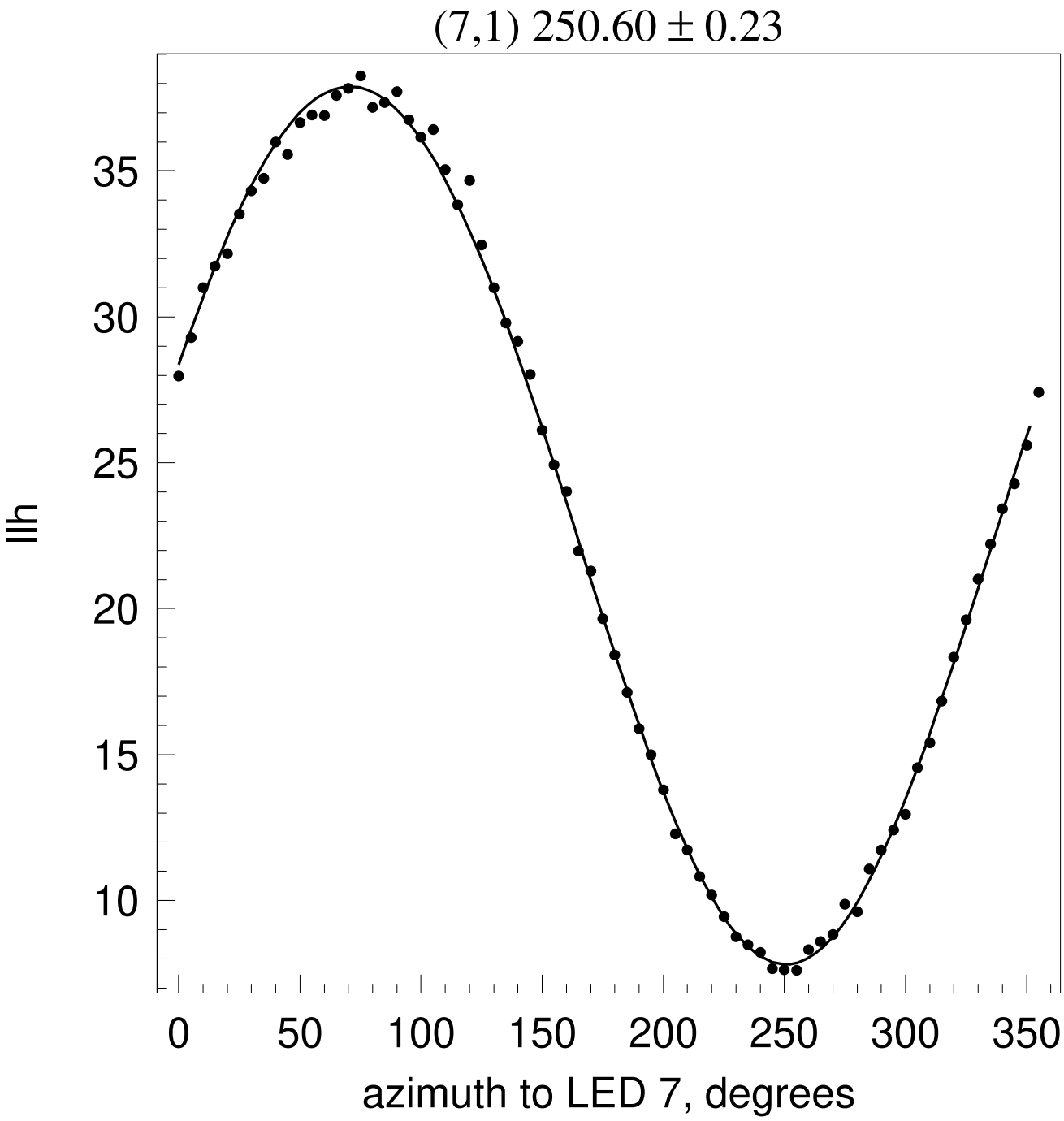

(6,56) 26.97 ± 0.08
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

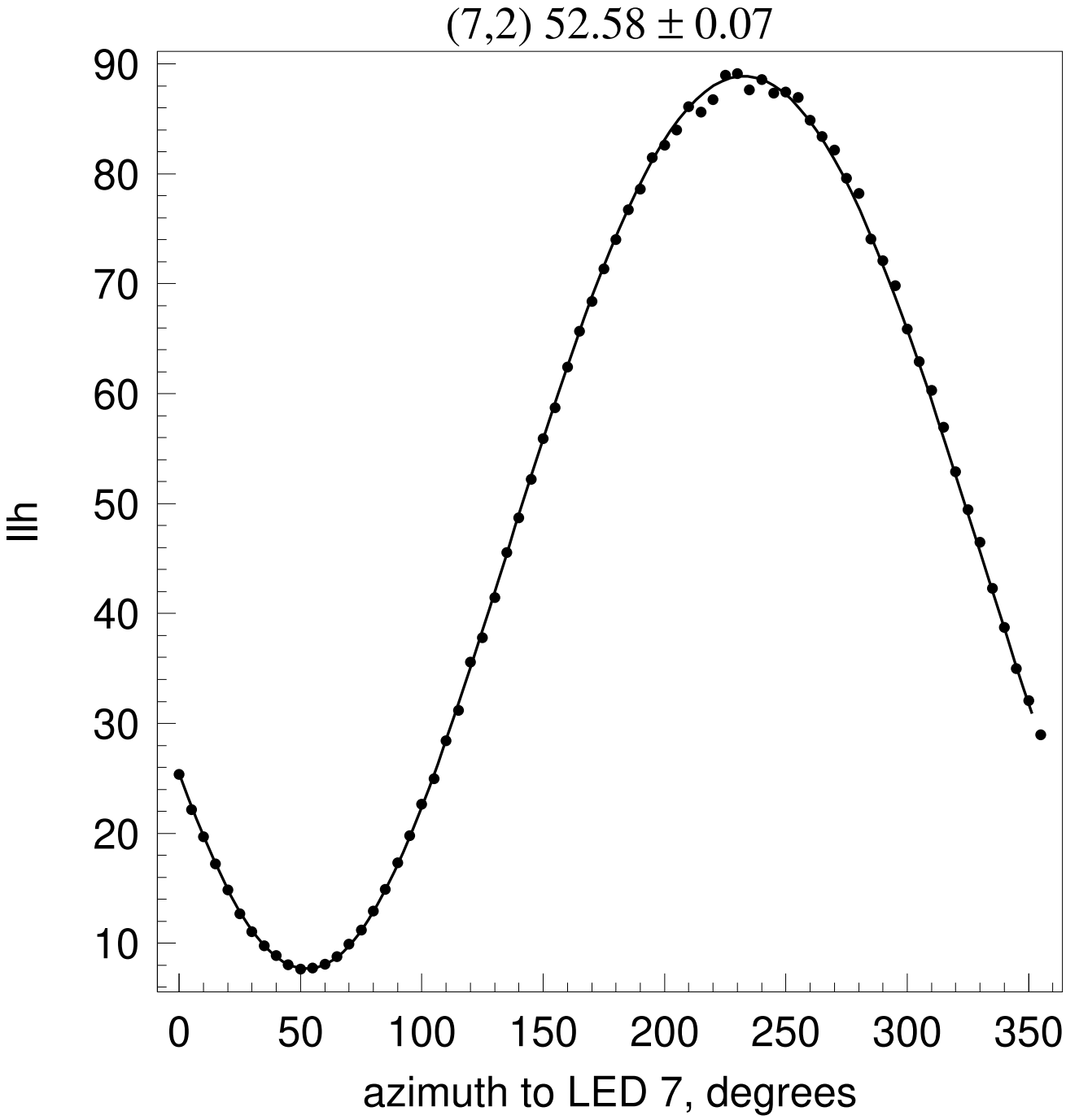

(6,57) 99.49 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

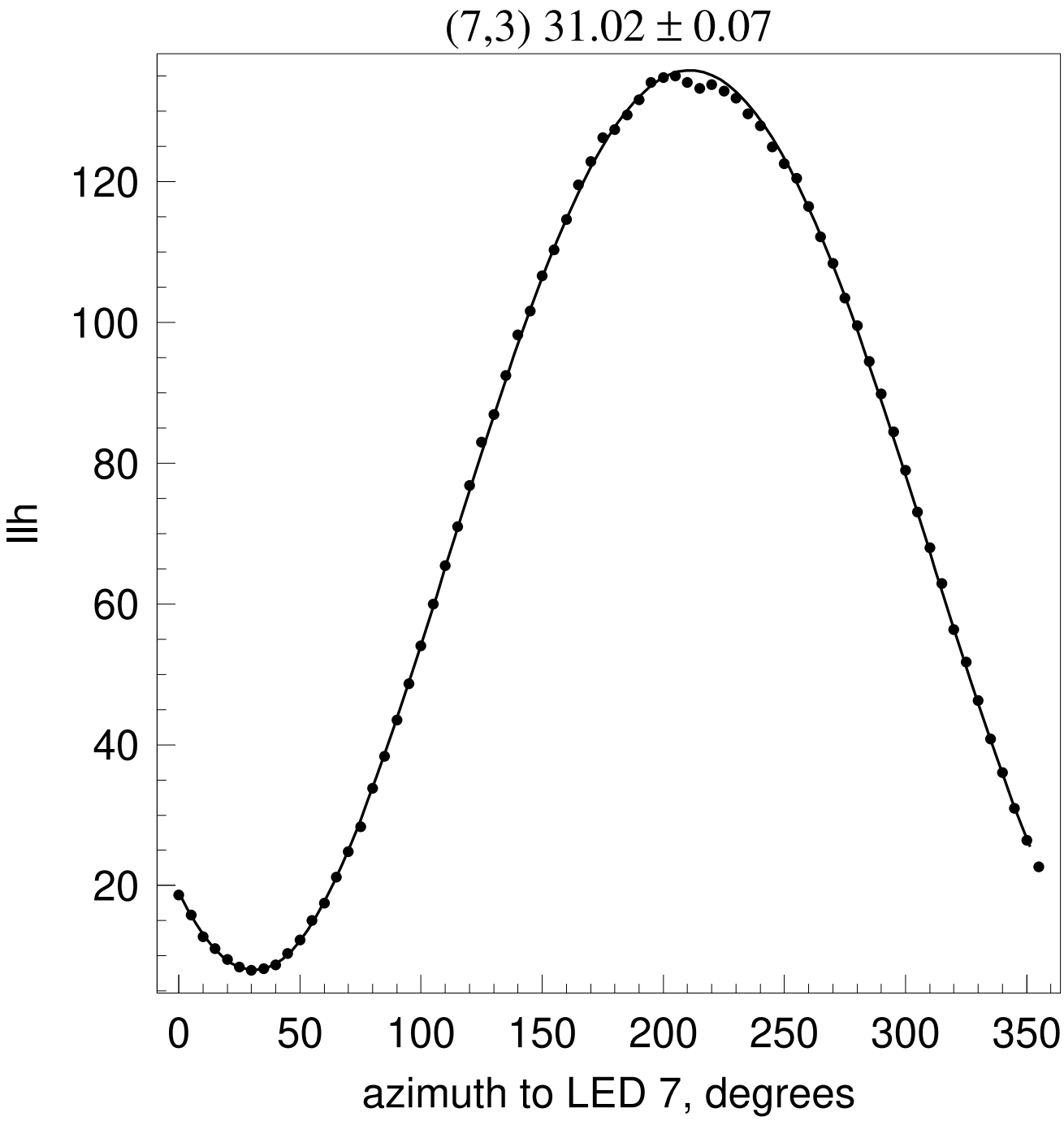

(6,58) 6.95 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

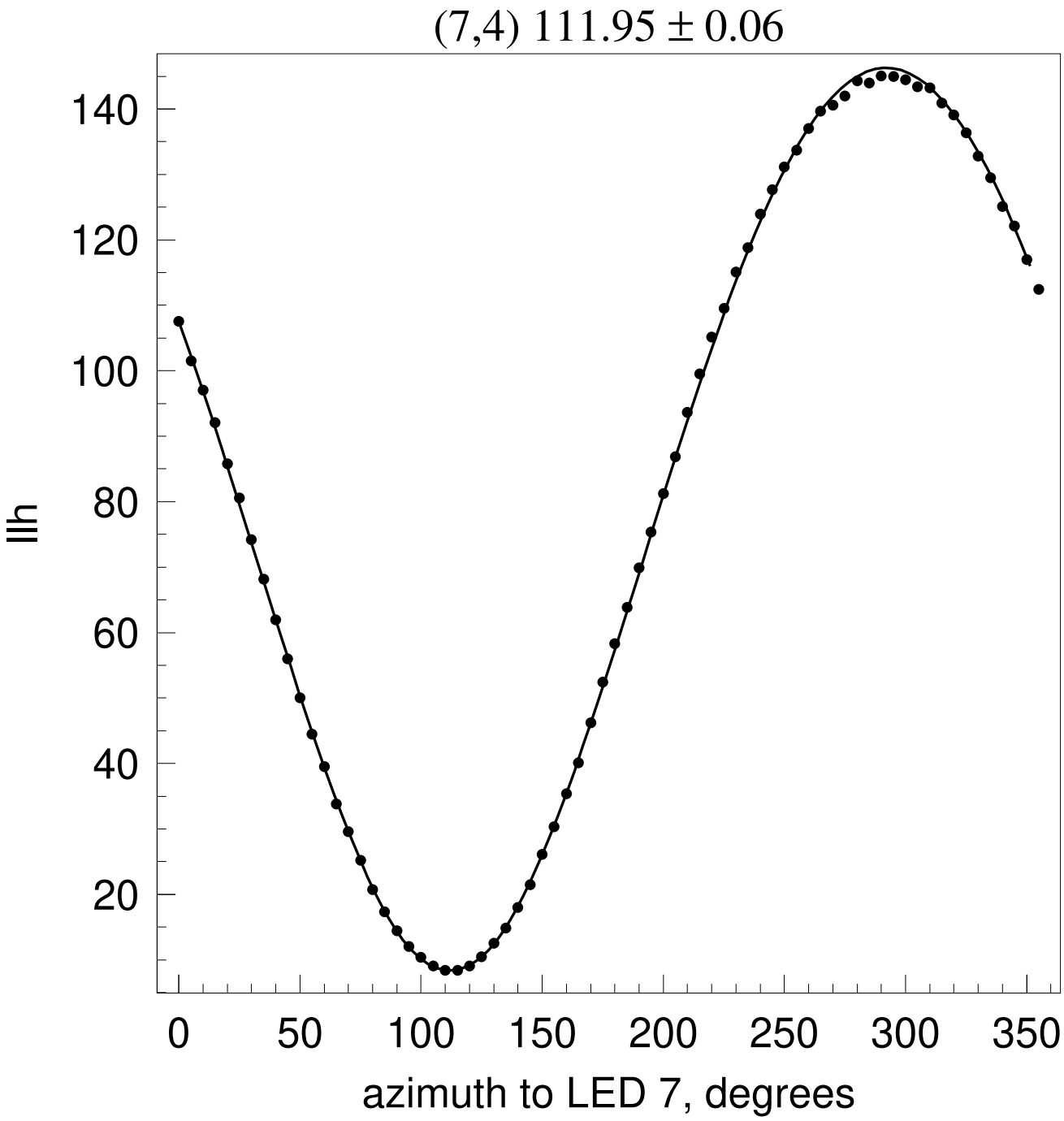

(6,59) 41.85 ± 0.12
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

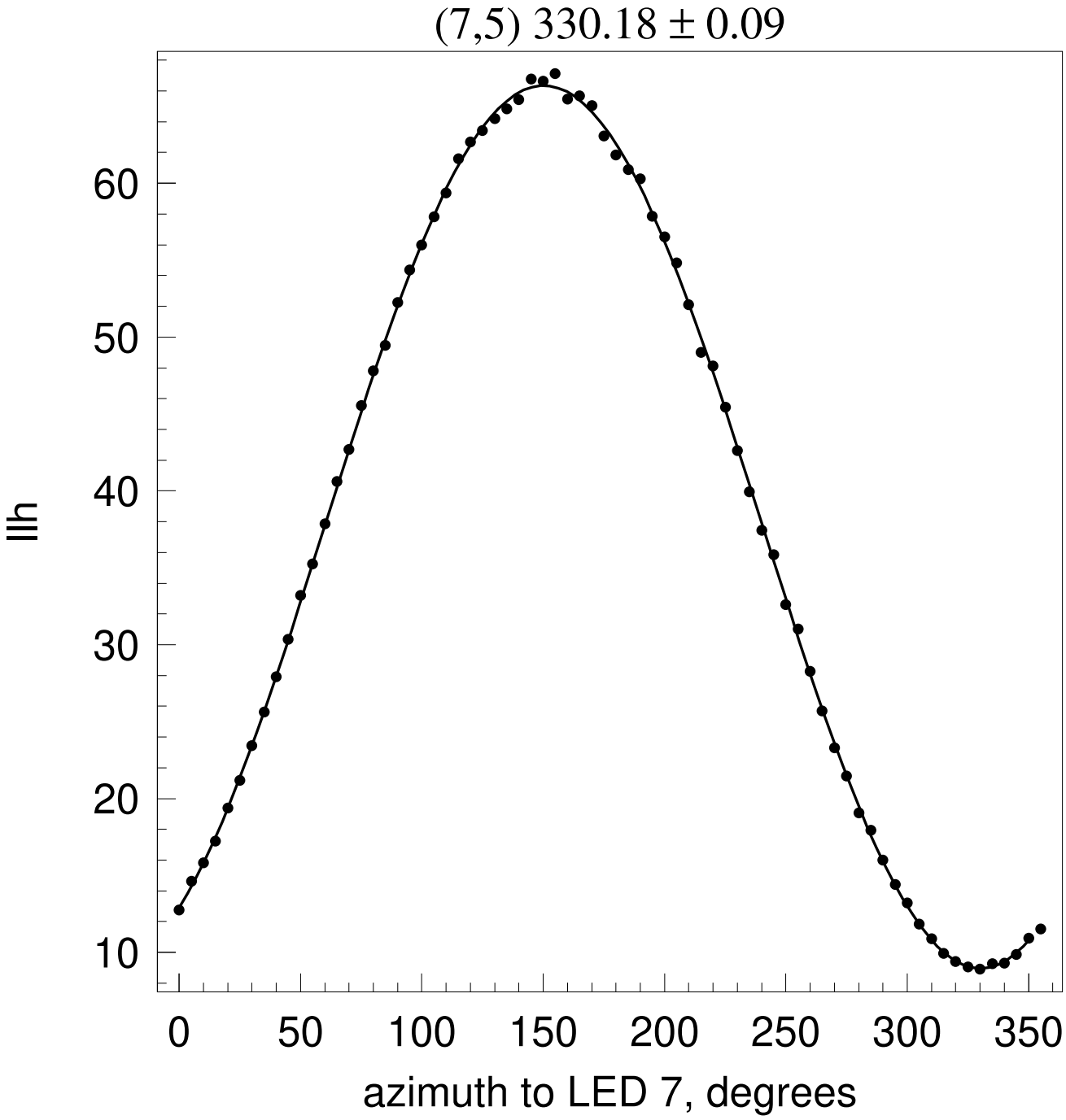

(6,60) 13.98 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

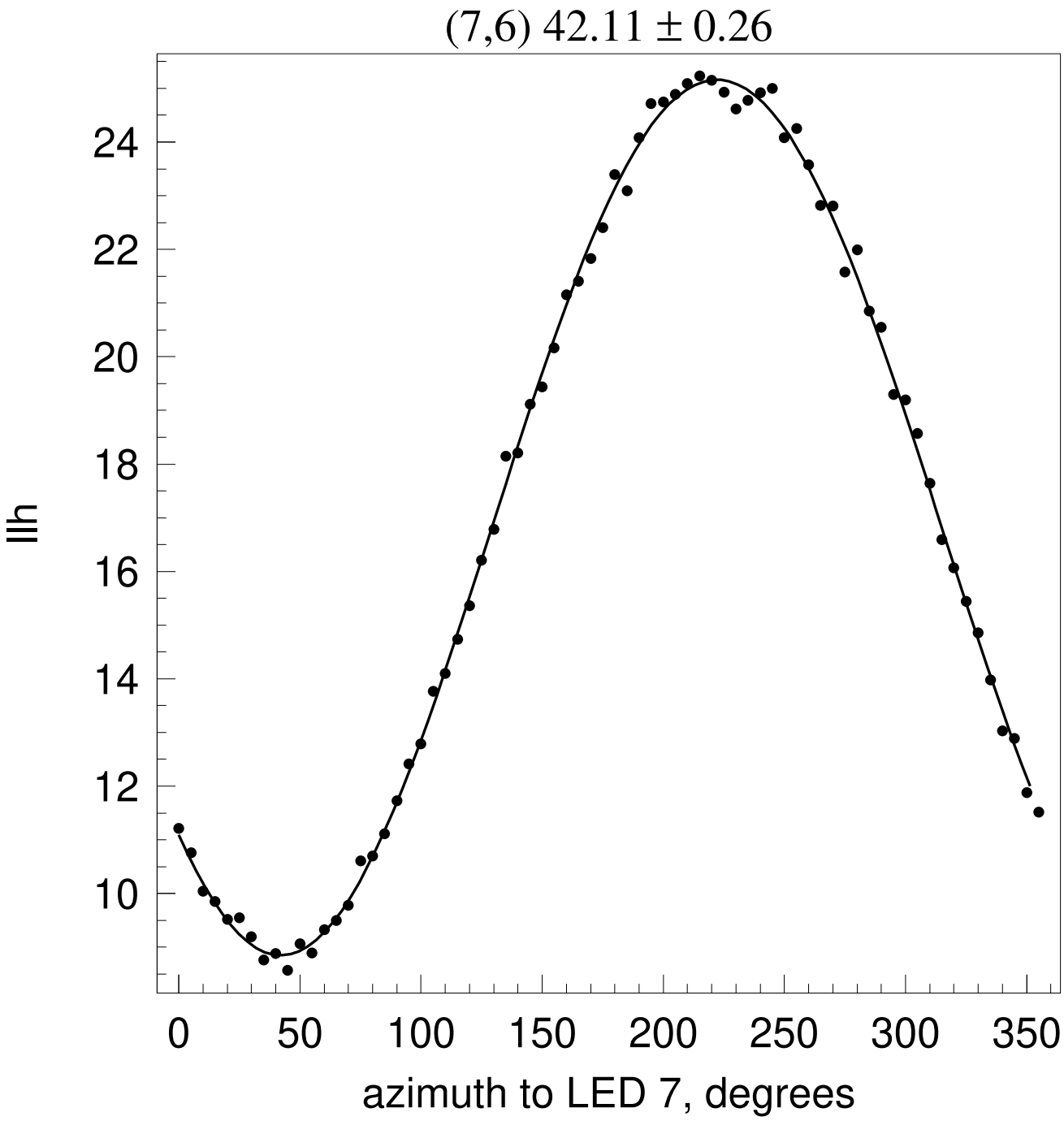

(7,1) 250.60 ± 0.23
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

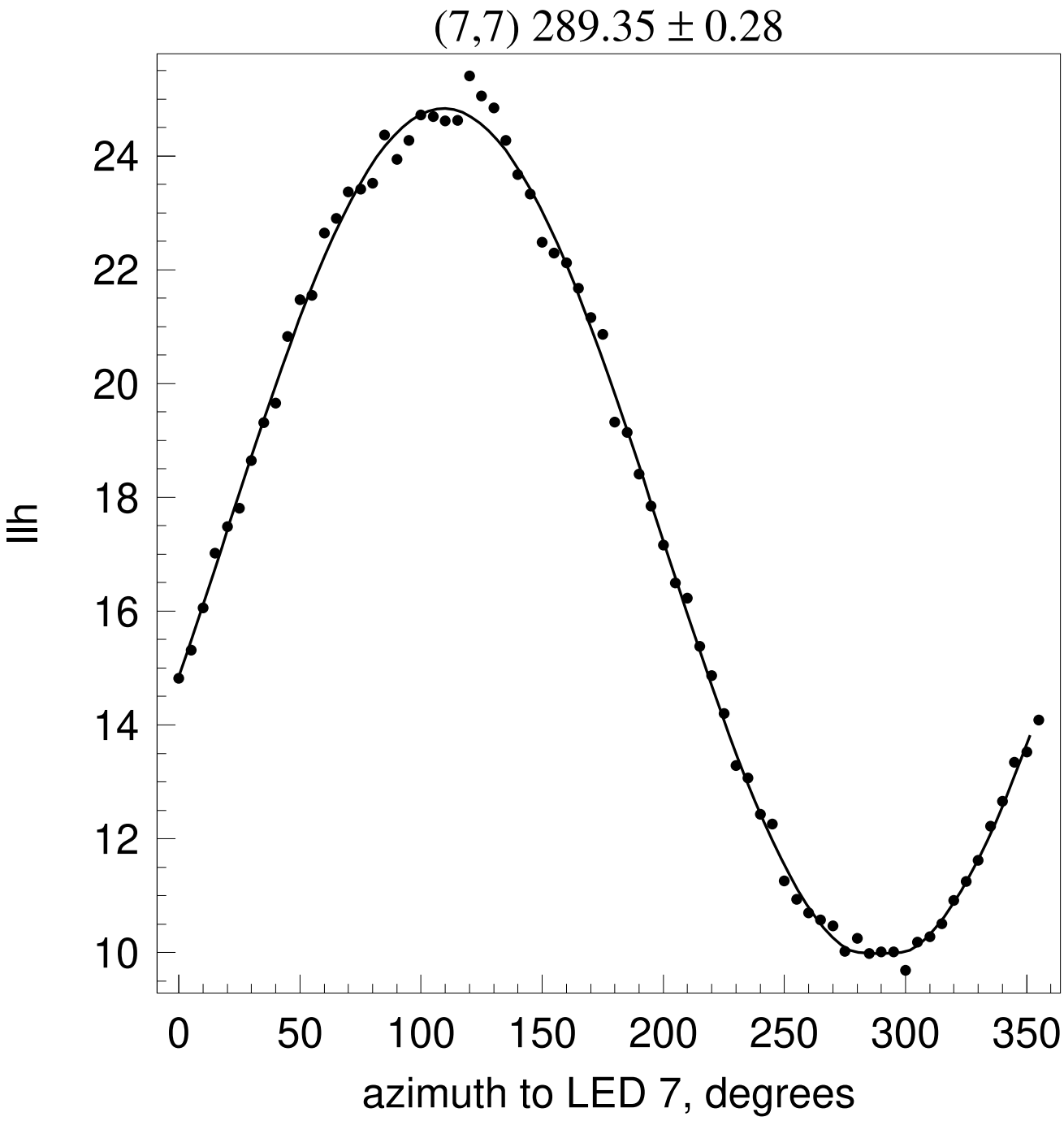

(7,2) 52.58 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

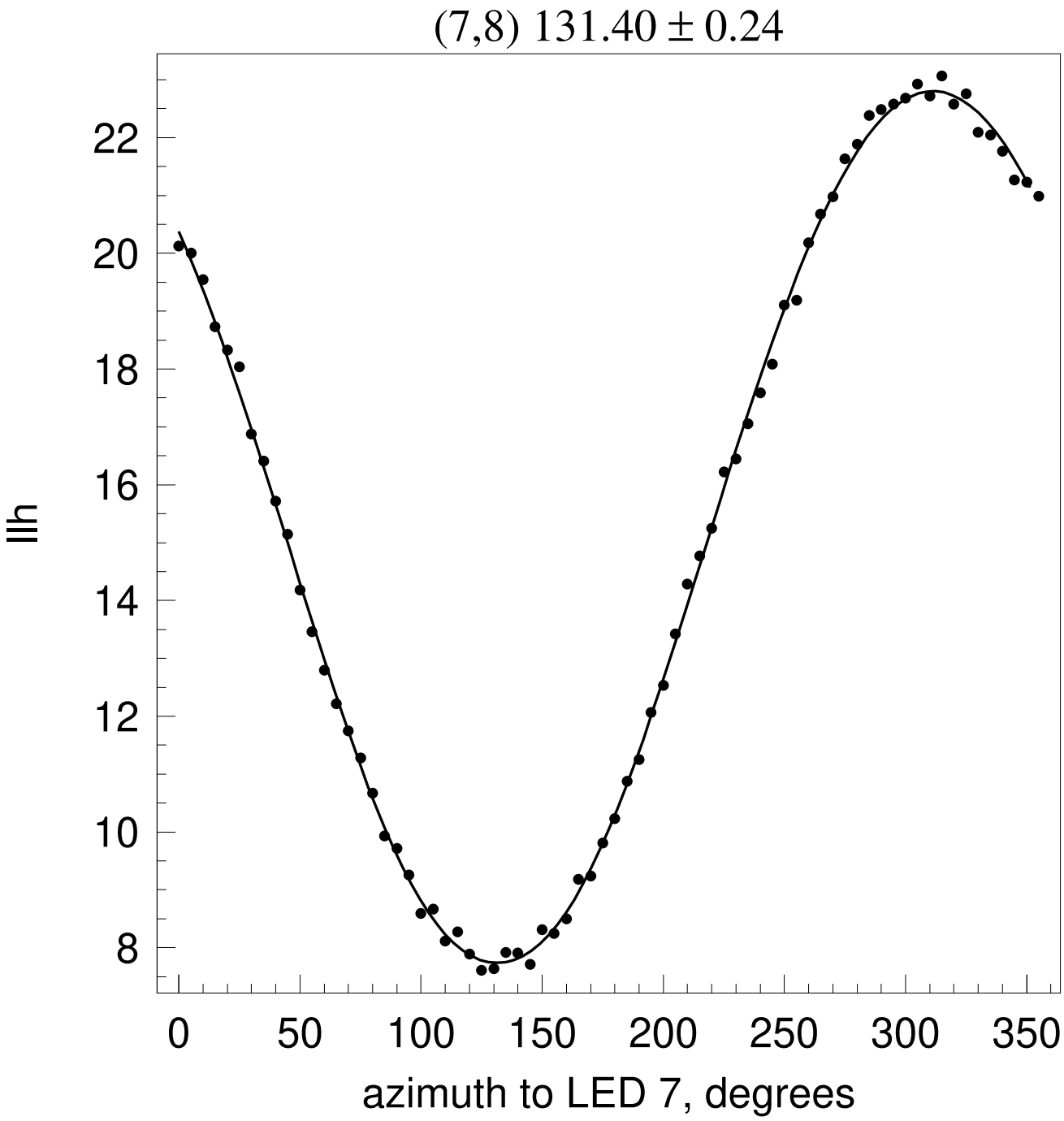

(7,3) 31.02 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

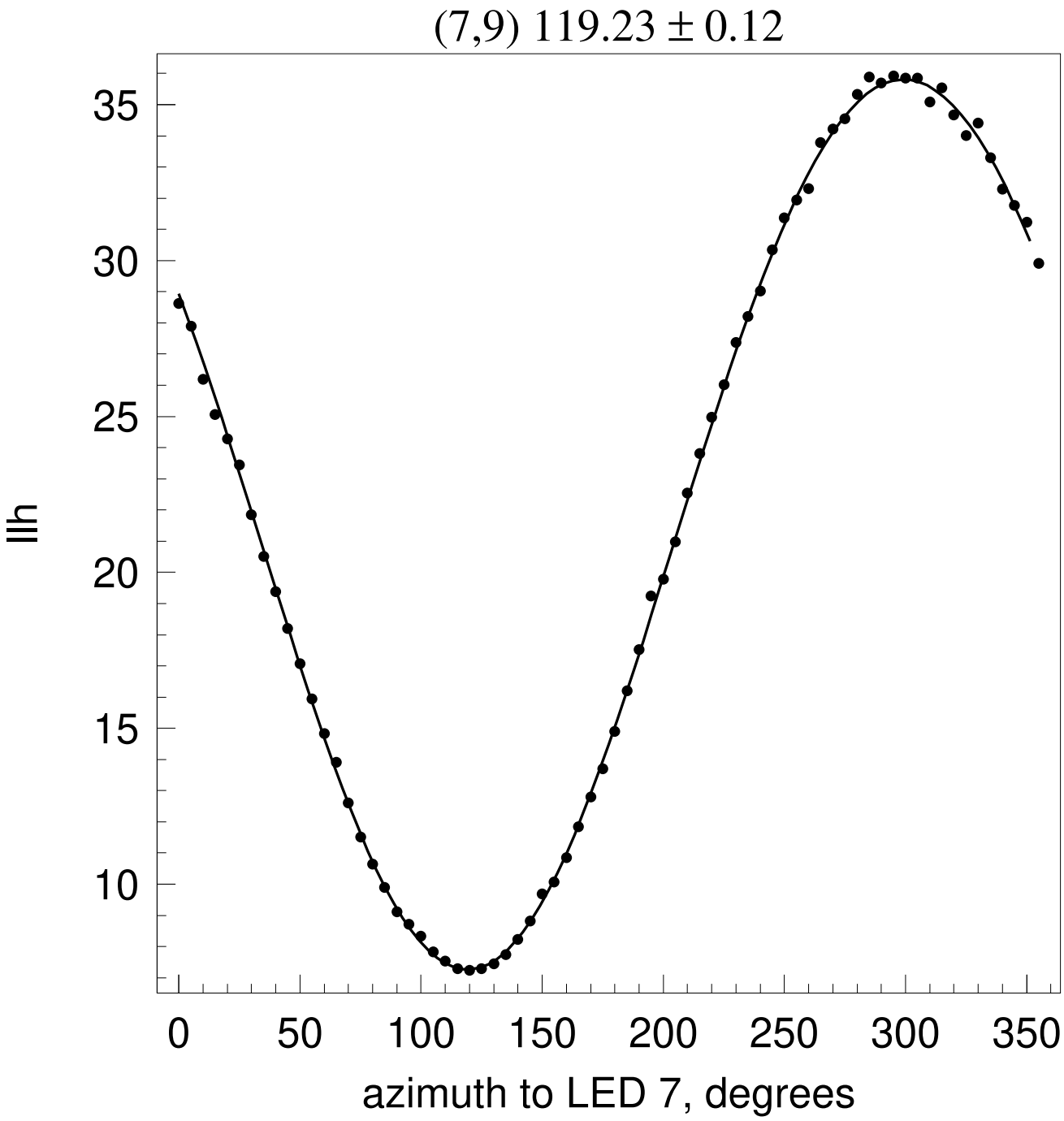

(7,4) 111.95 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

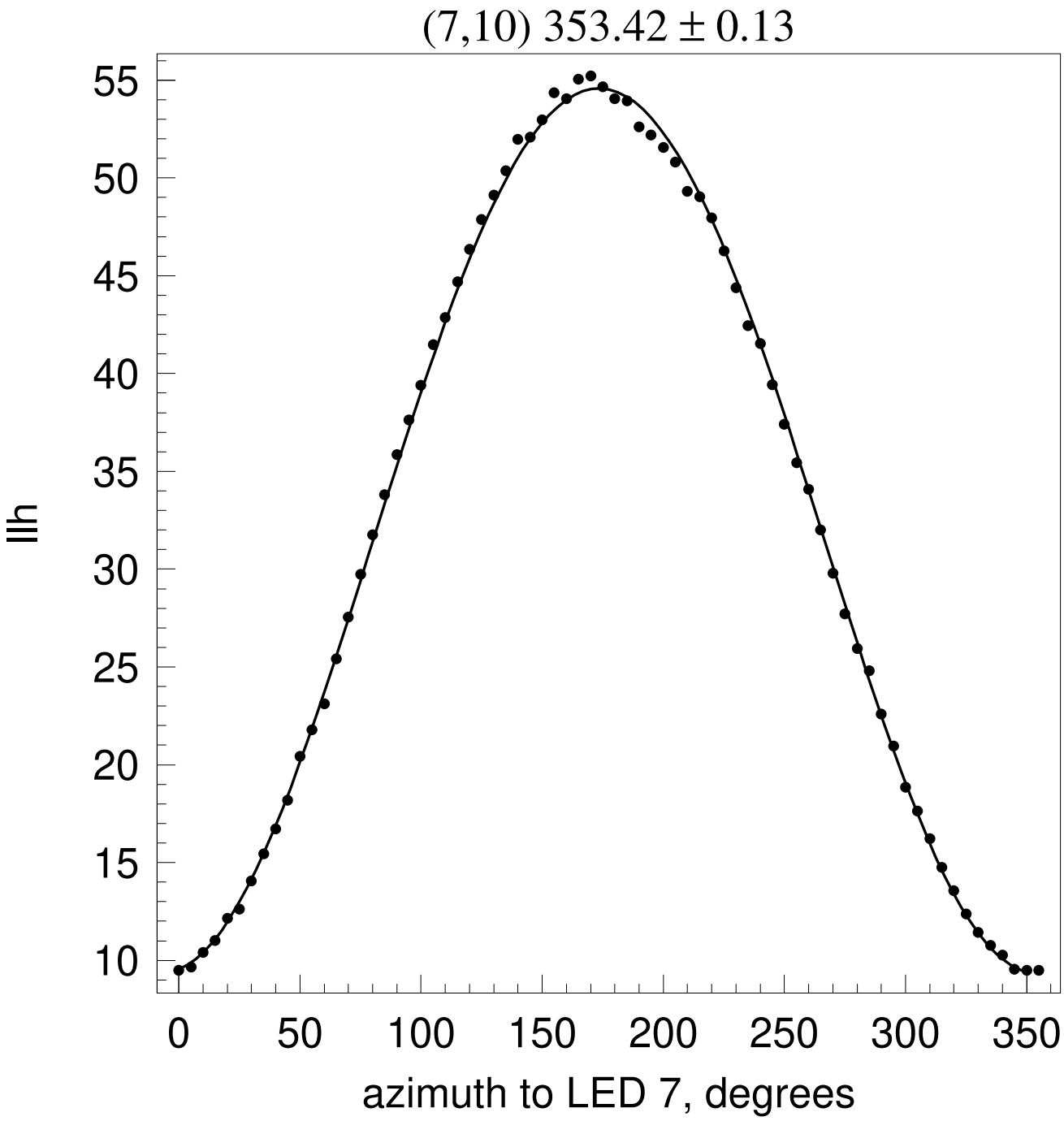

(7,5) 330.18 ± 0.09
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

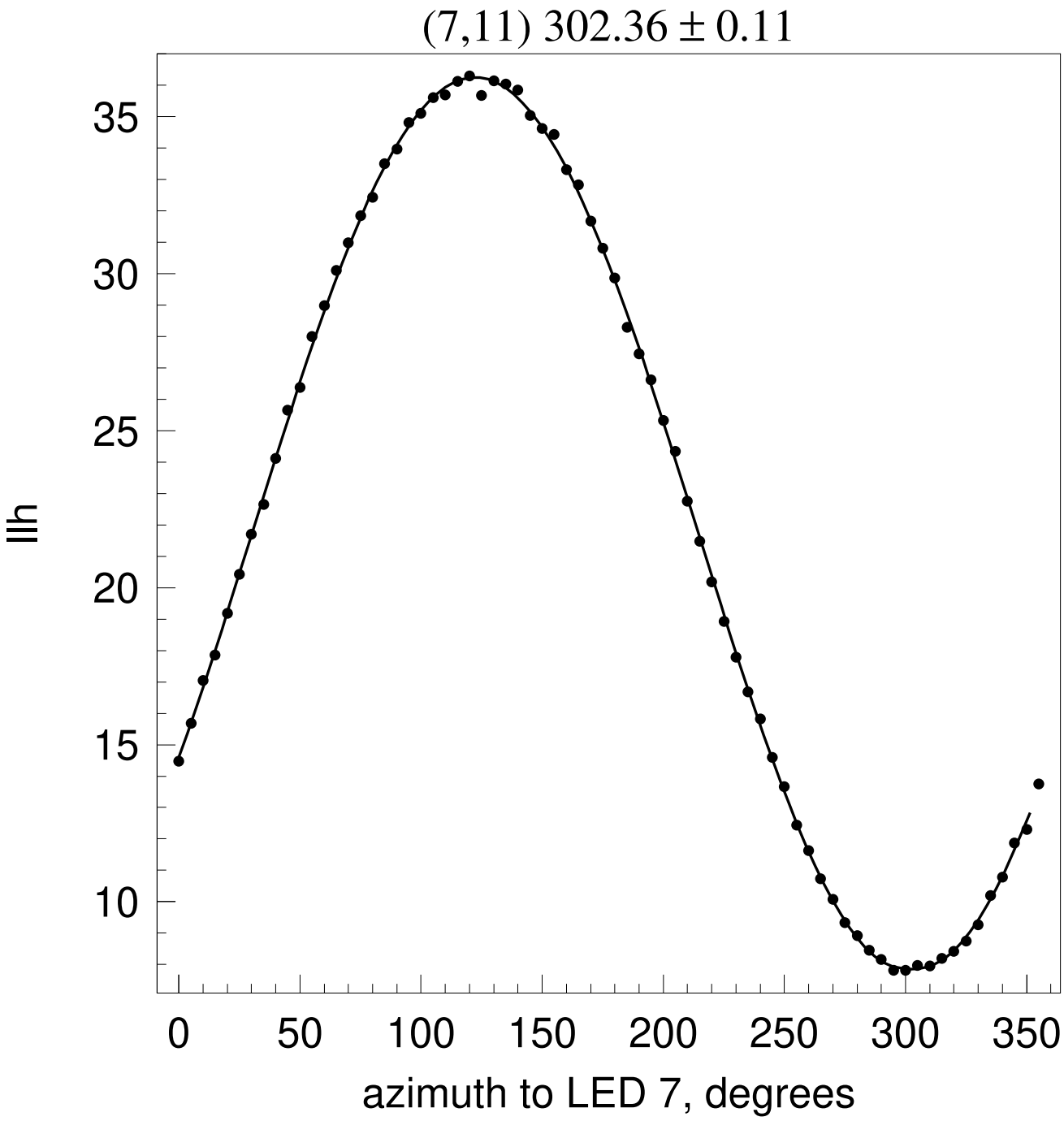

(7,6) 42.11 ± 0.26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

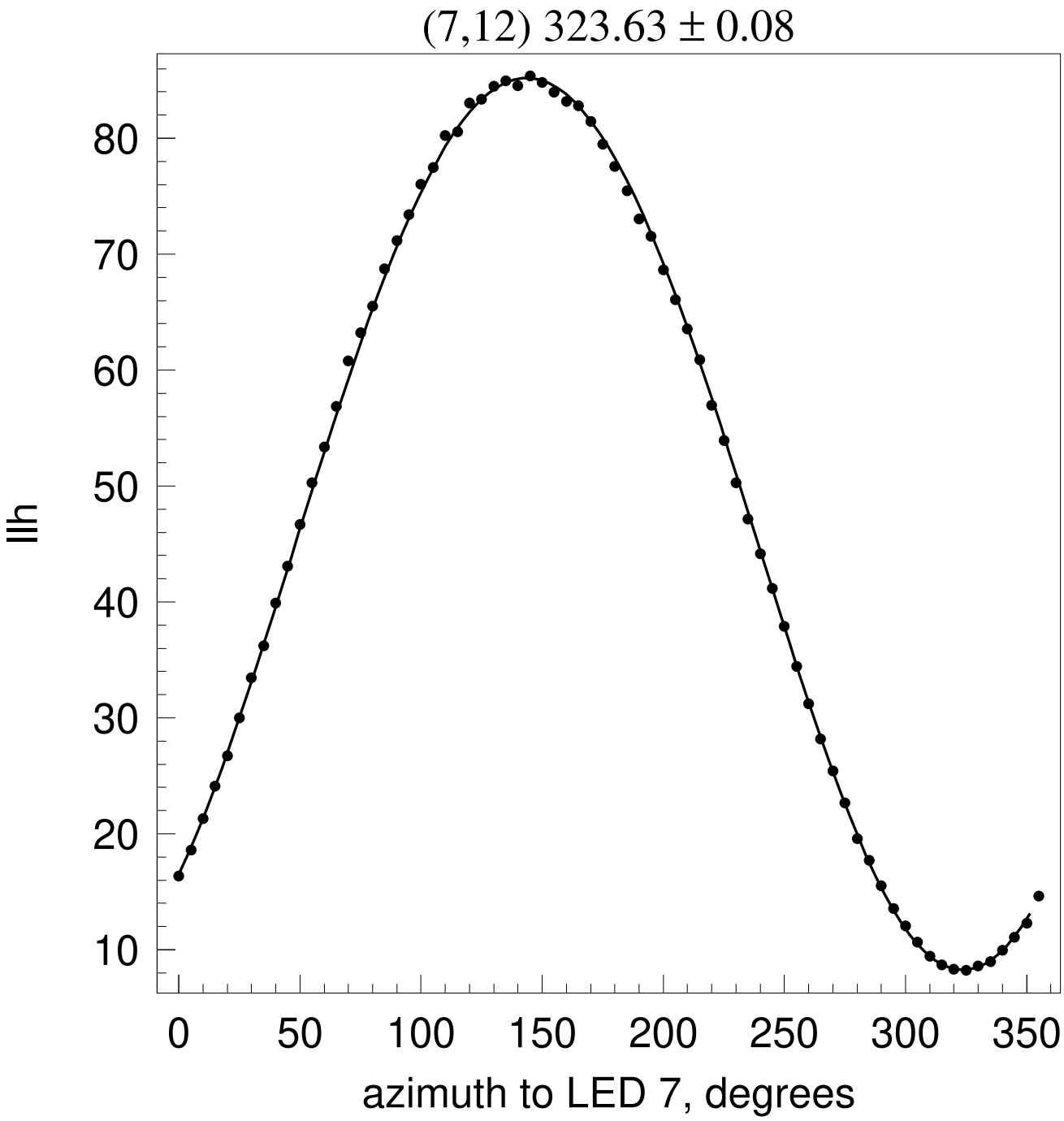

(7,7) 289.35 ± 0.28
24
22
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

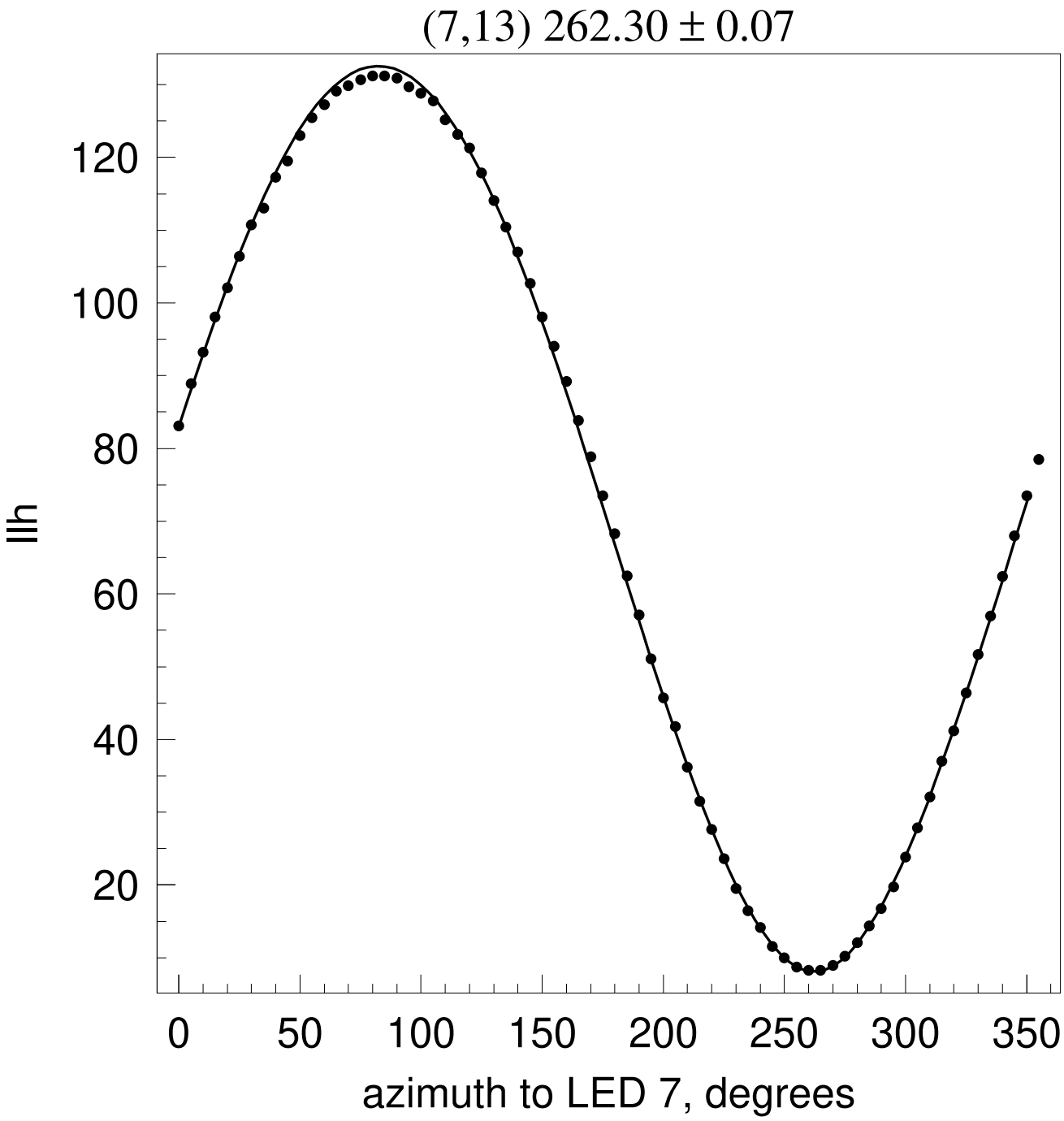

(7,8) 131.40 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

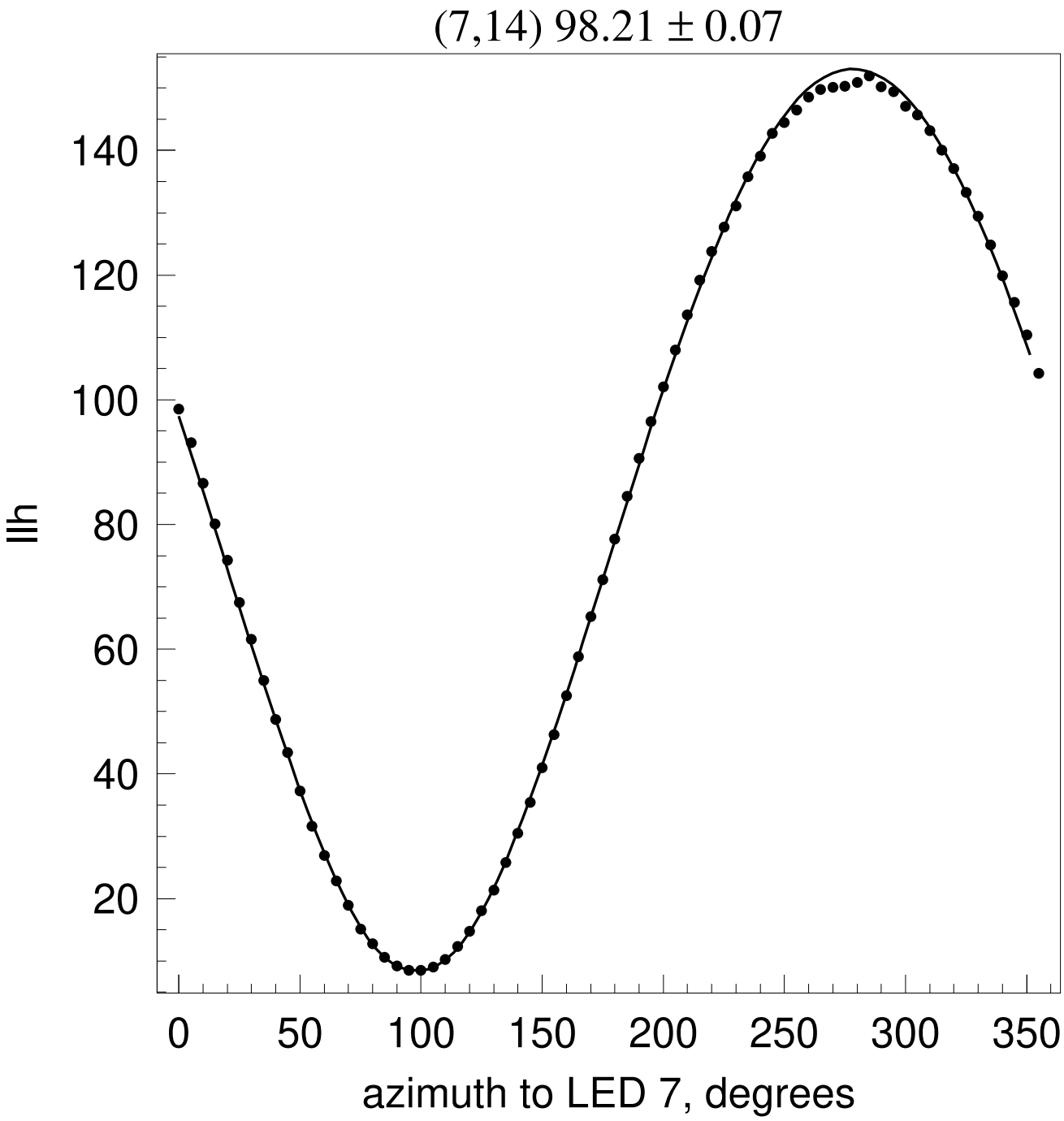

(7,9) 119.23 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

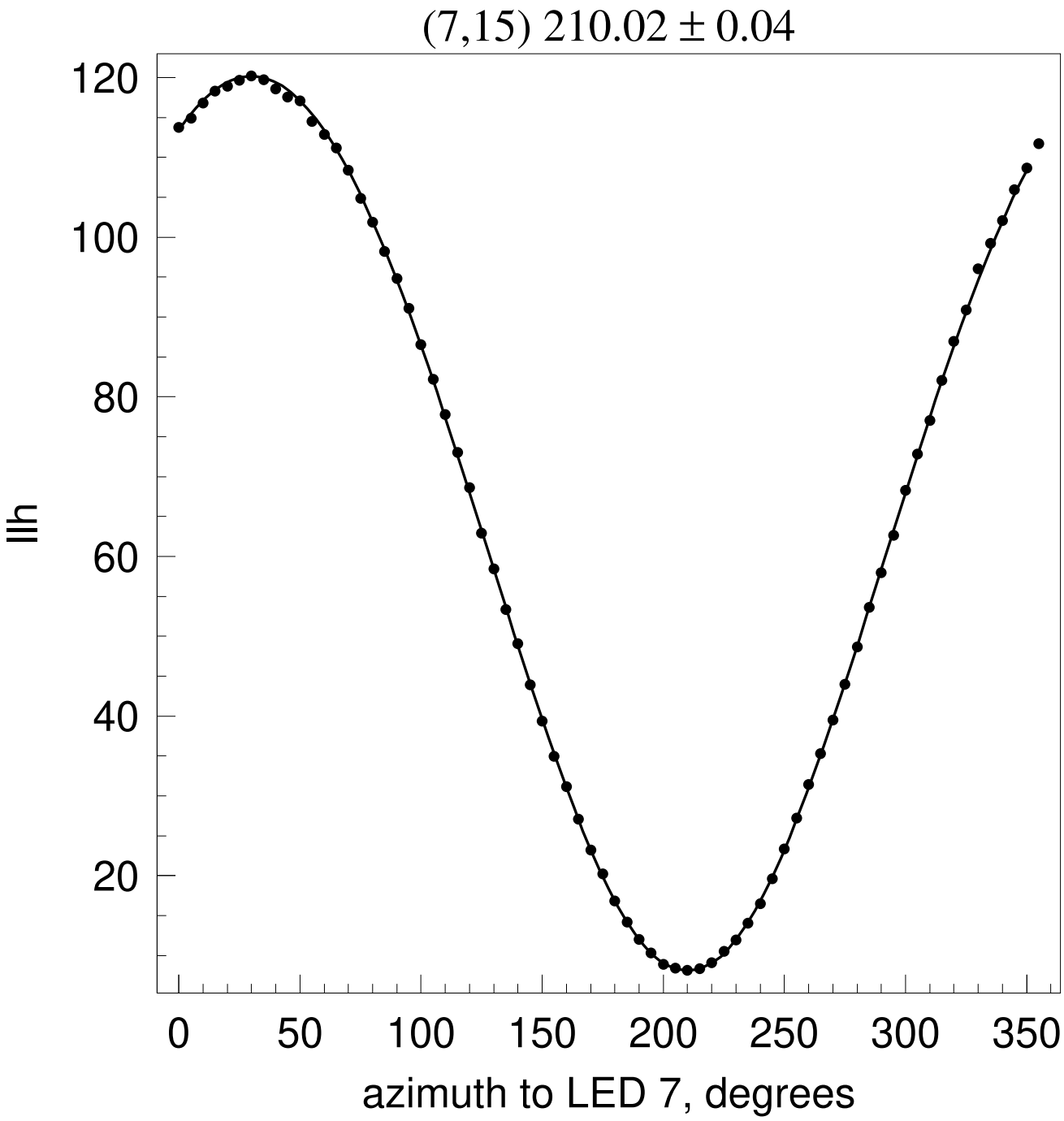

(7,10) 353.42 ± 0.13
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

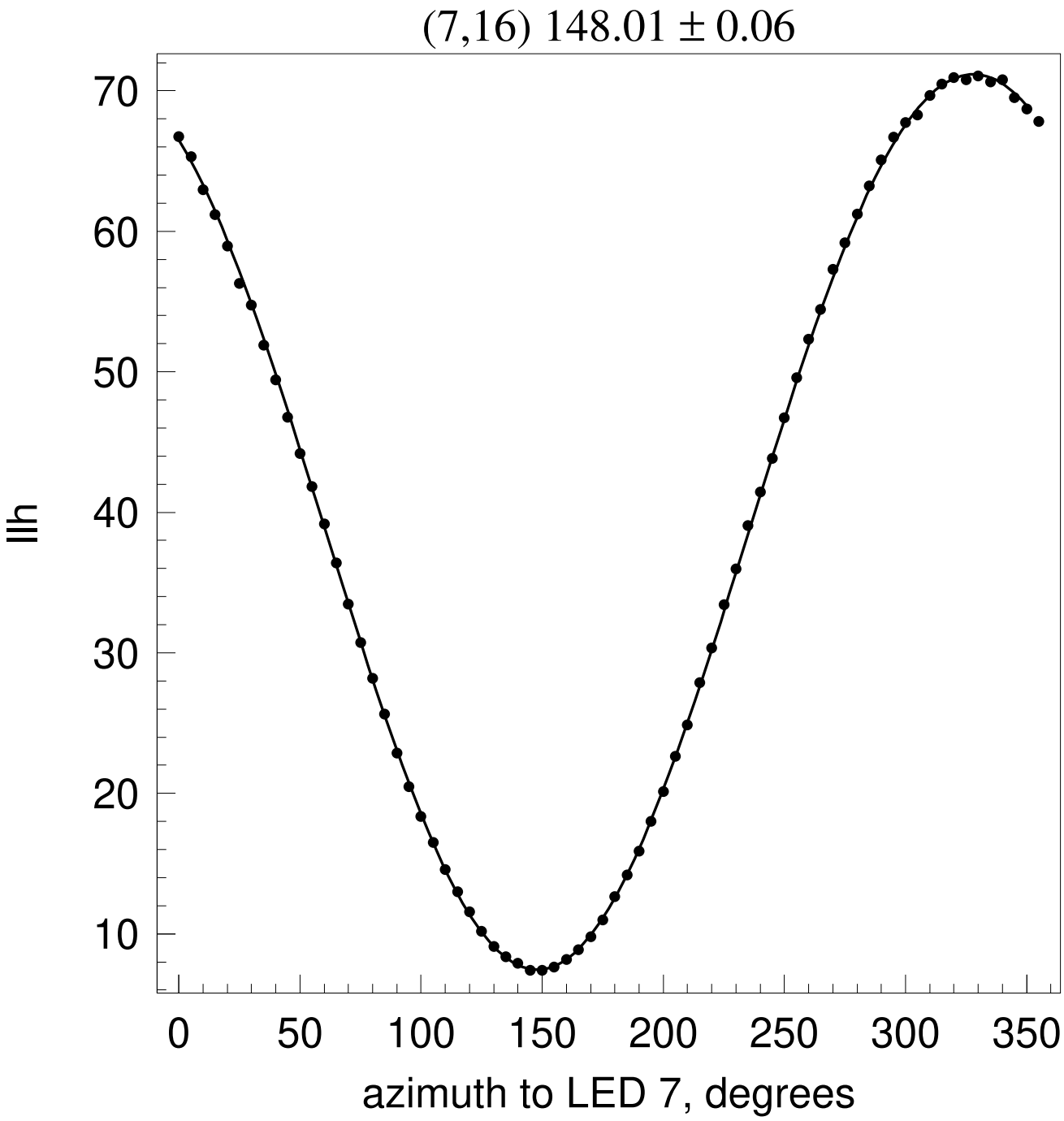

(7,11) 302.36 ± 0.11
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

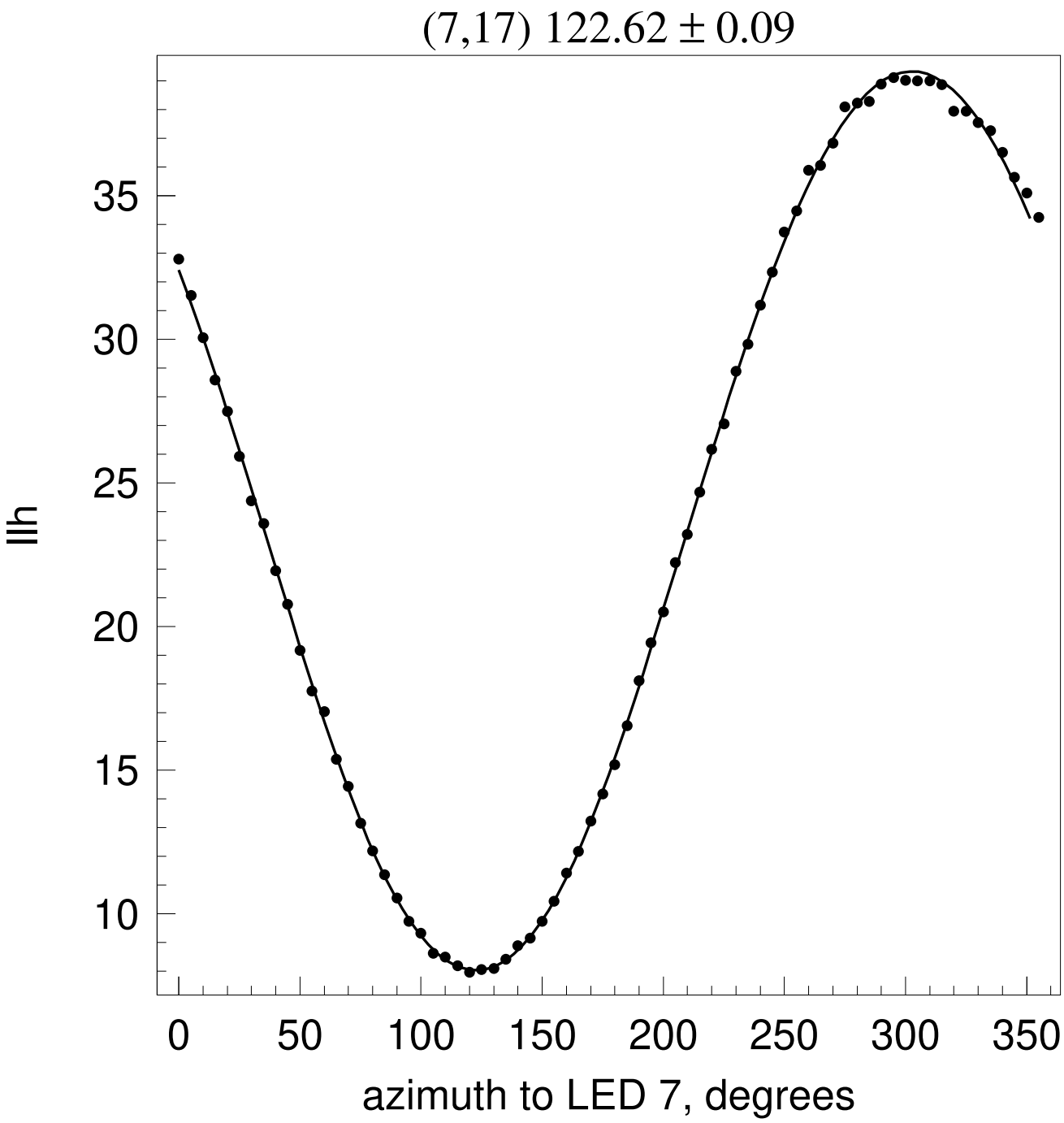

(7,12) 323.63 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

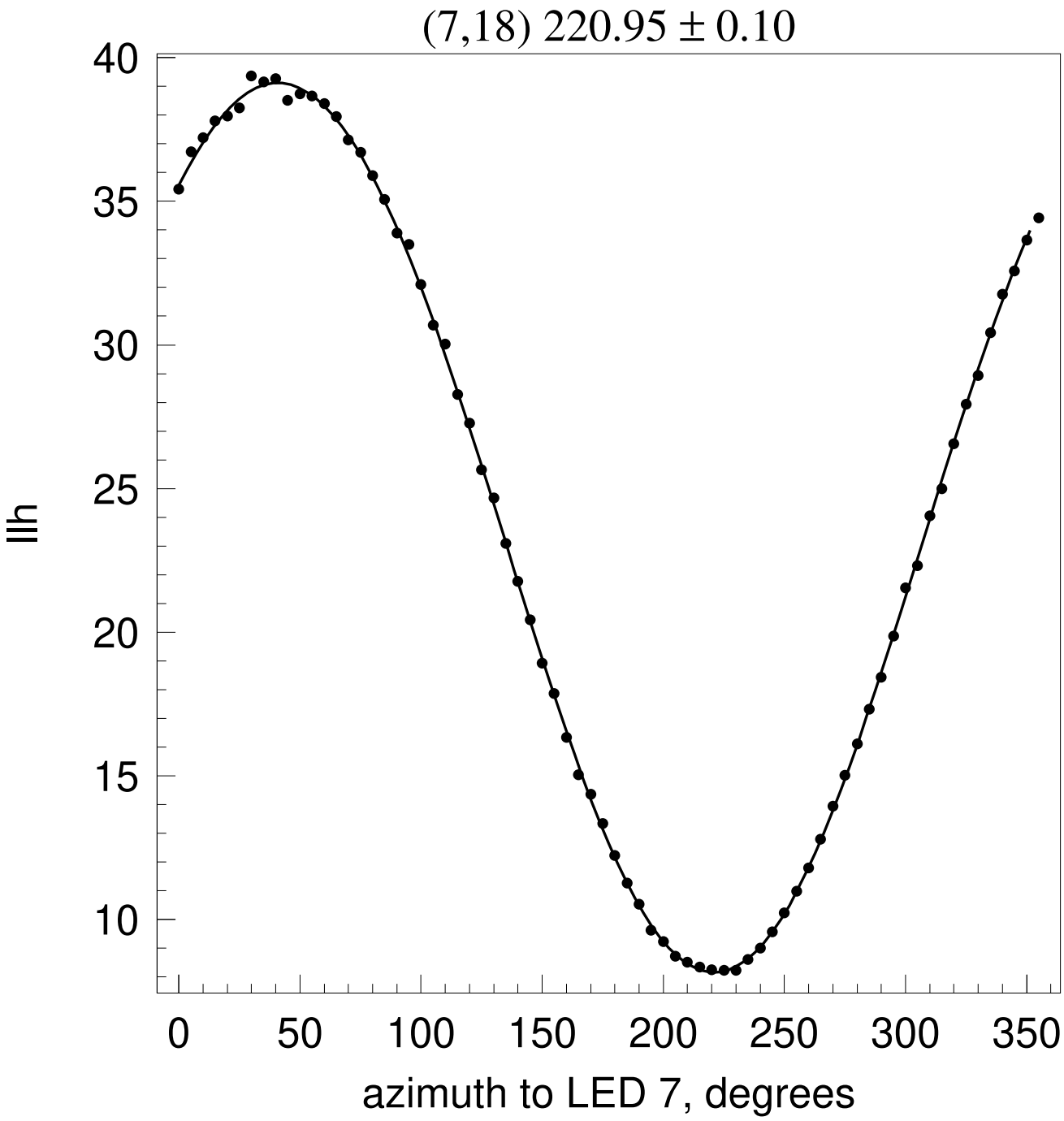

(7,13) 262.30 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

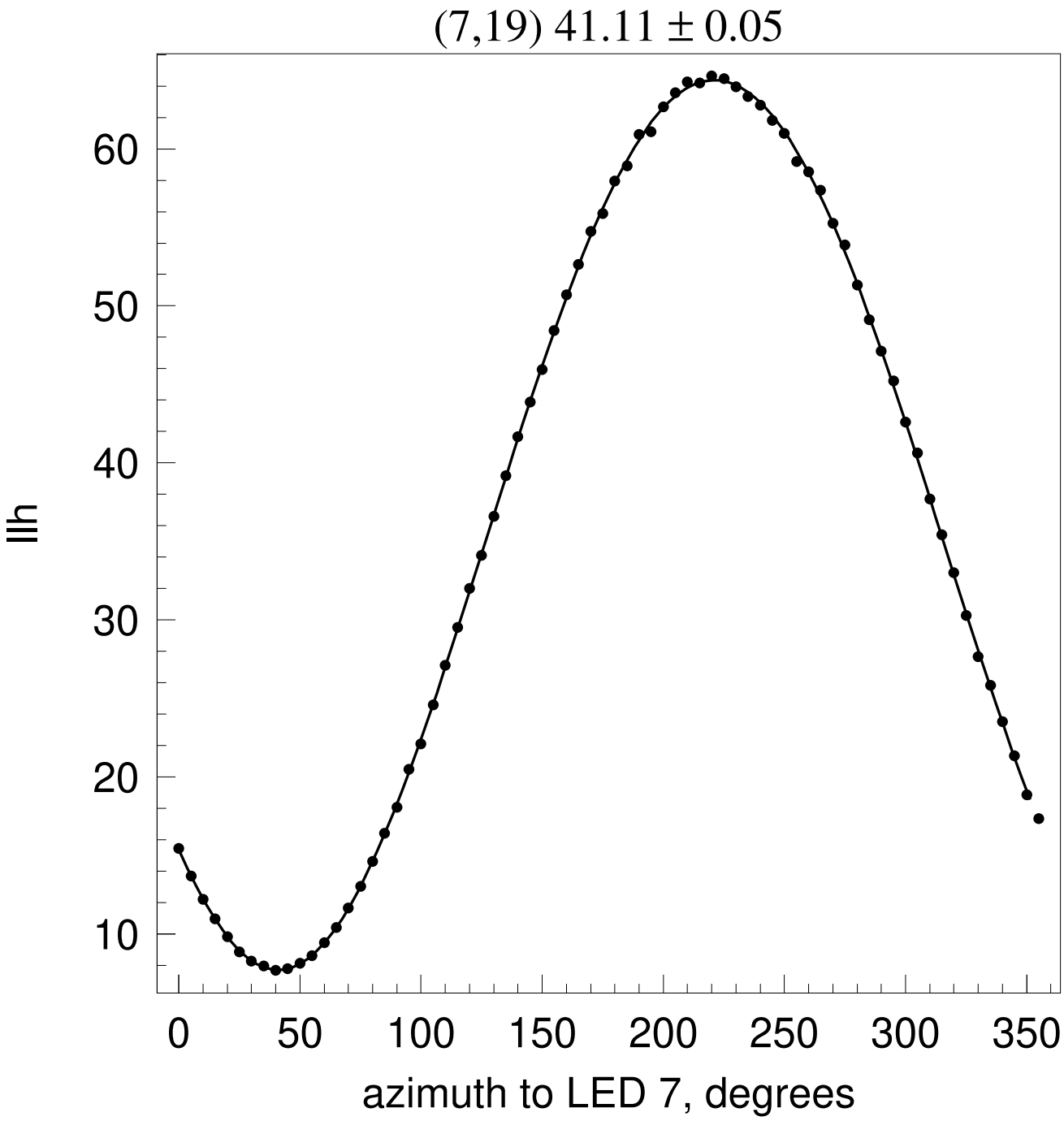

(7,14) 98.21 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

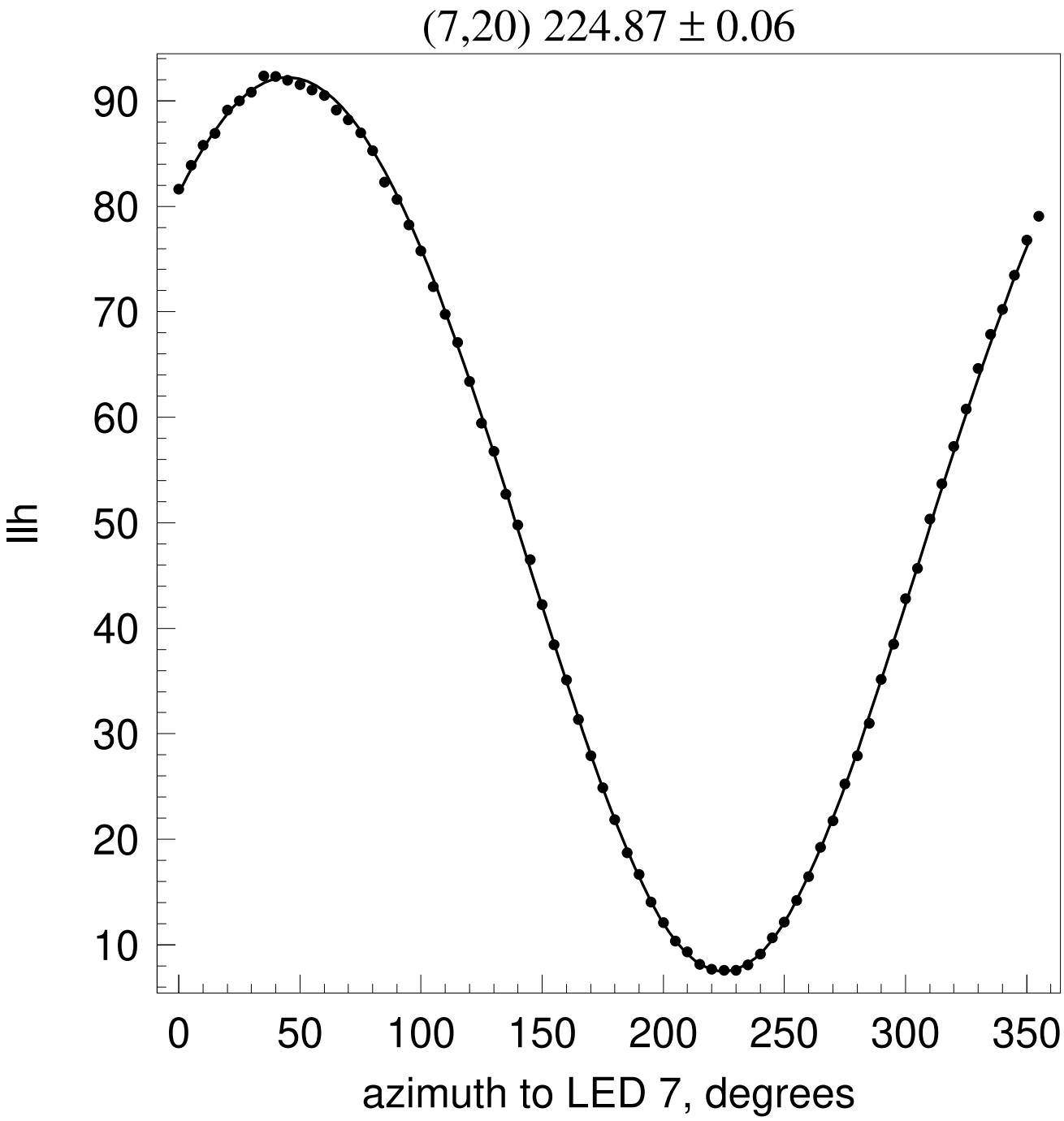

(7,15) 210.02 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

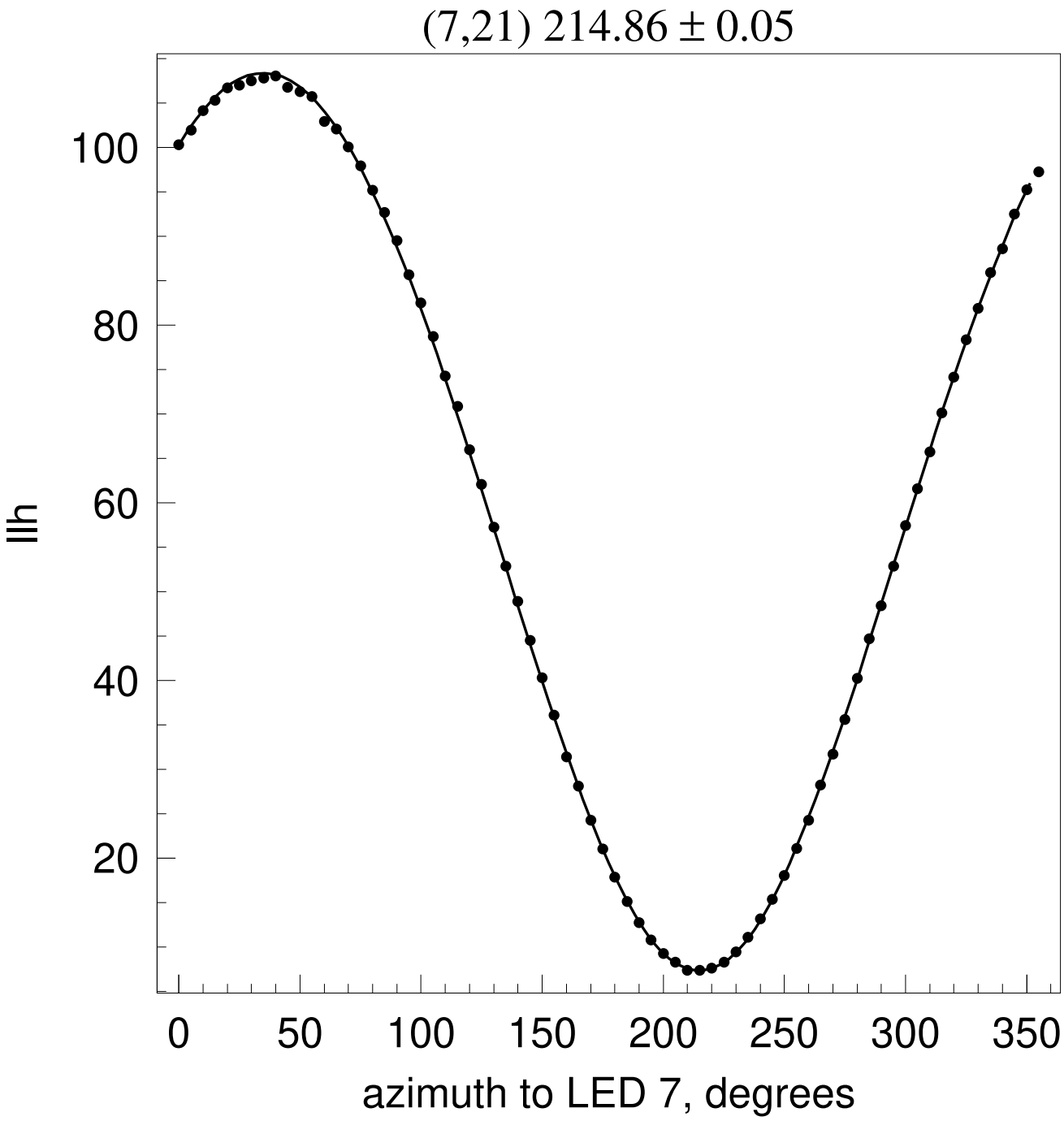

(7,16) 148.01 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

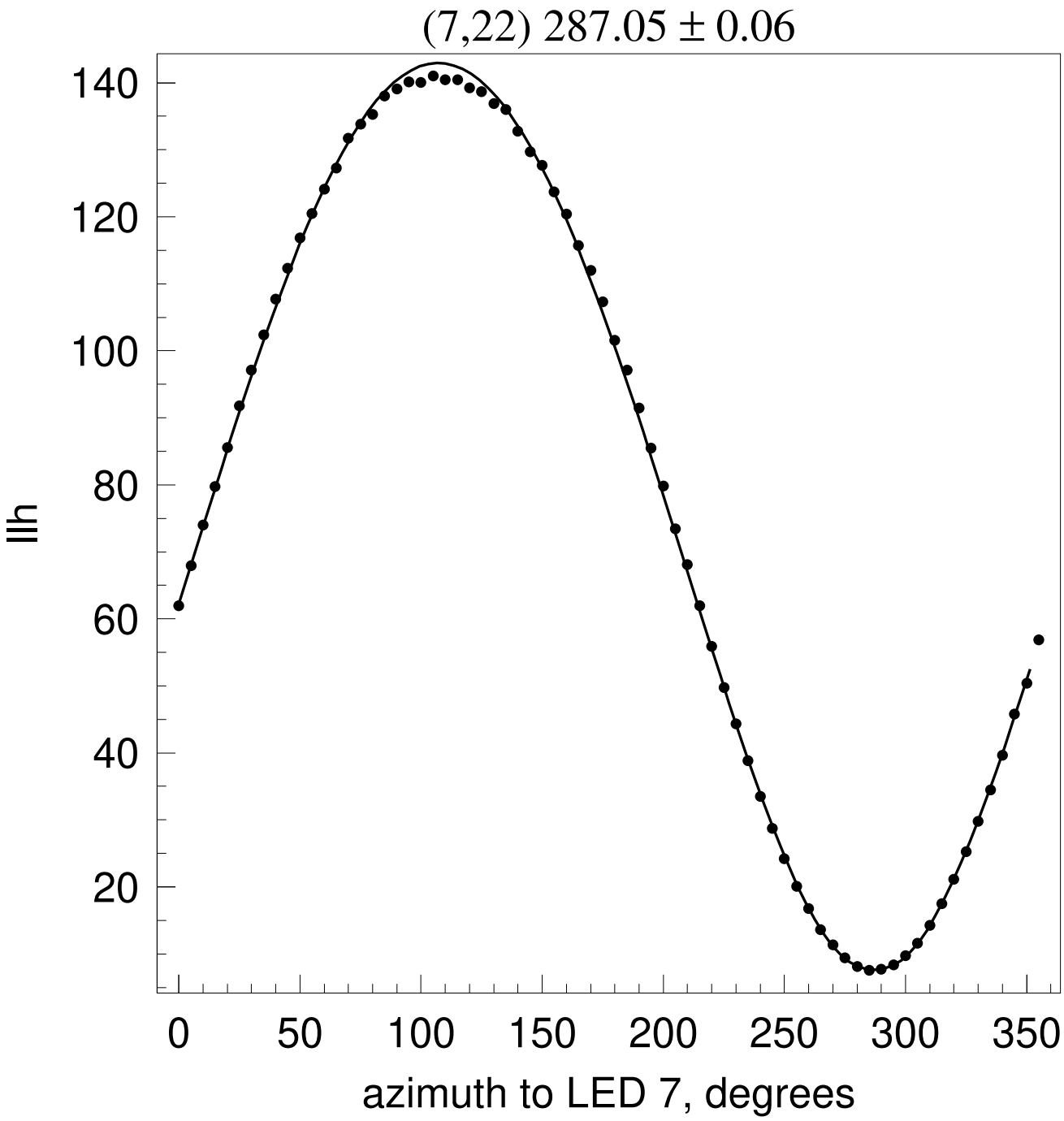

(7,17) 122.62 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

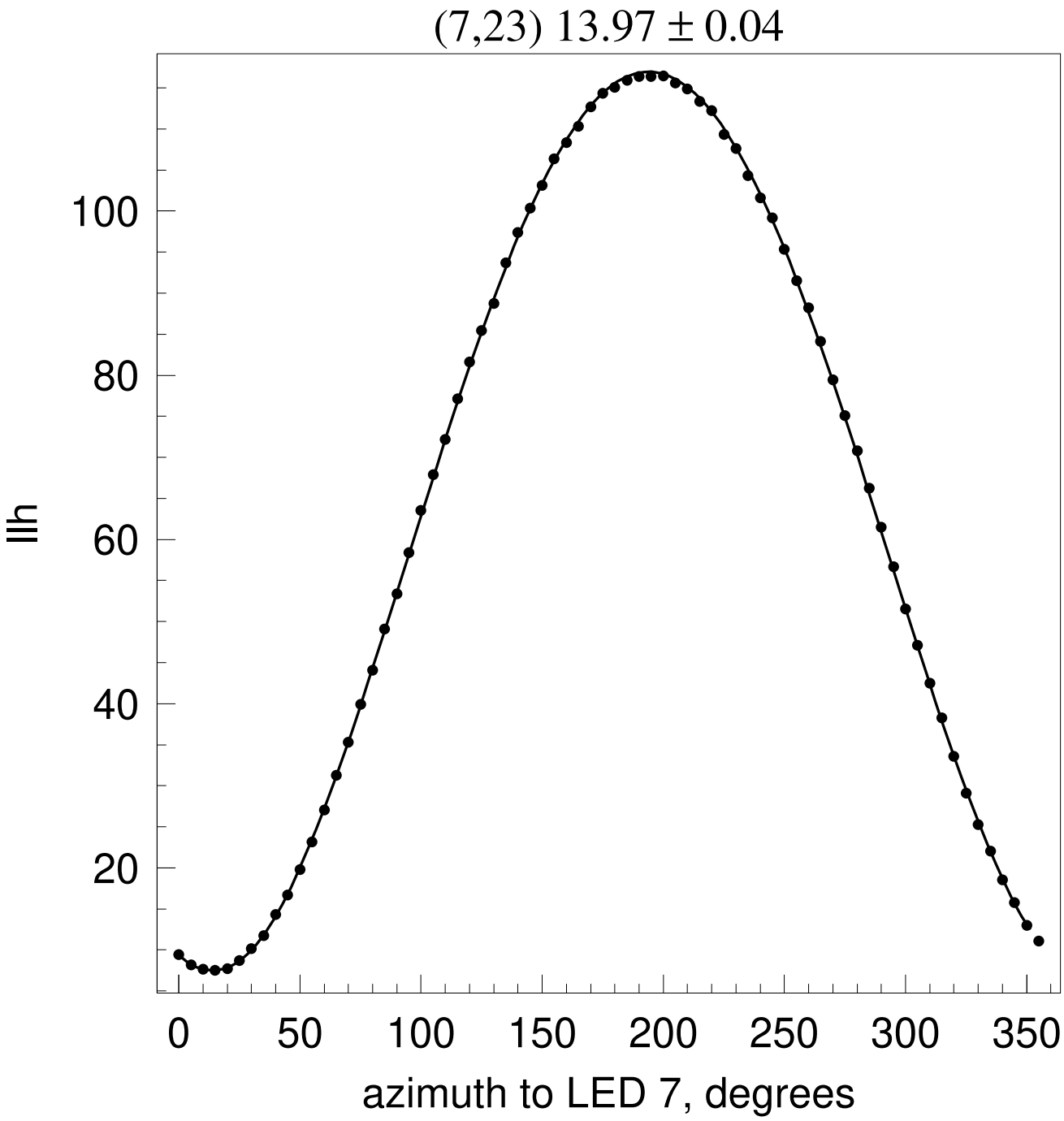

(7,18) 220.95 ± 0.10
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

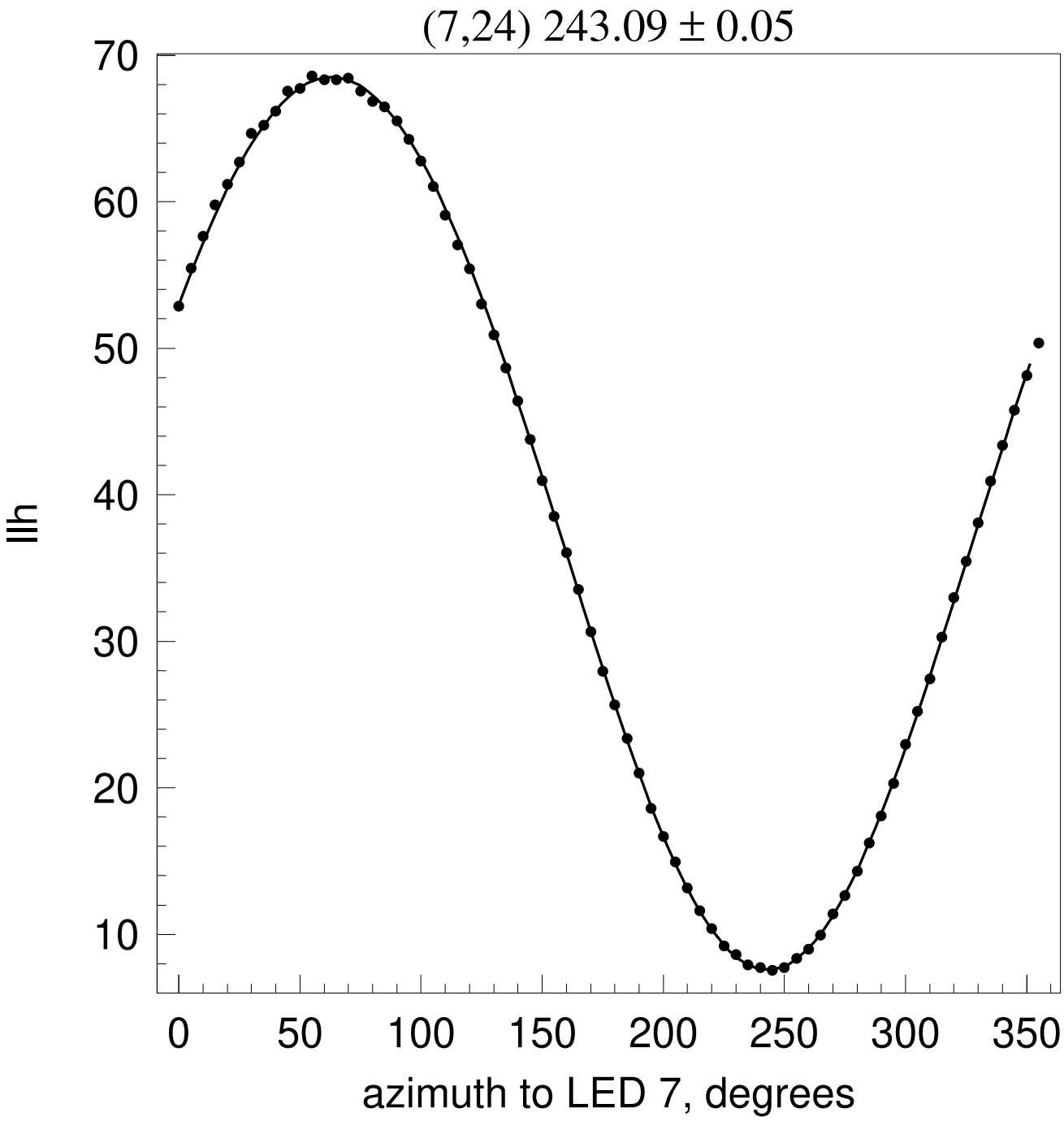

(7,19) 41.11 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

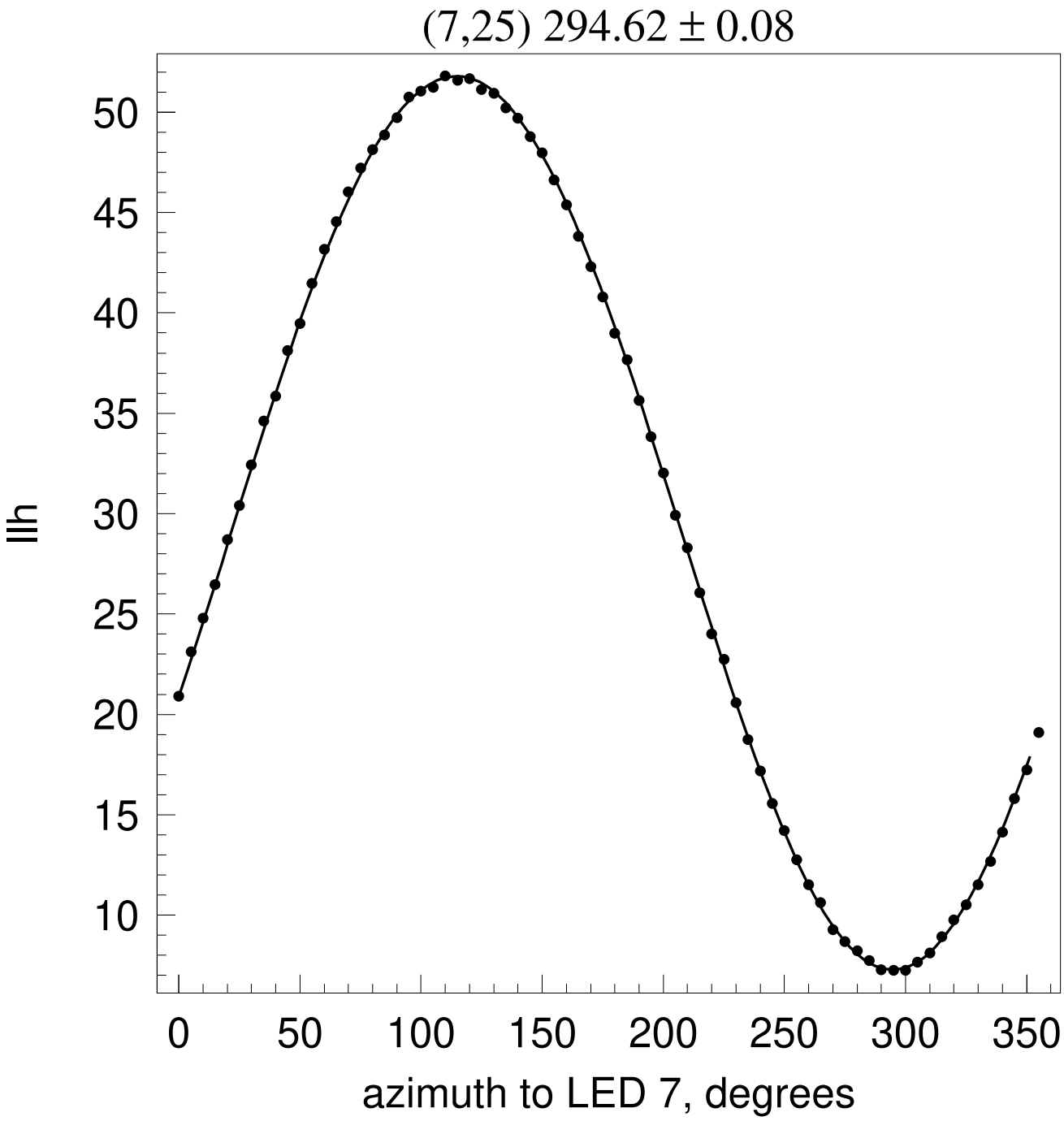

(7,20) 224.87 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

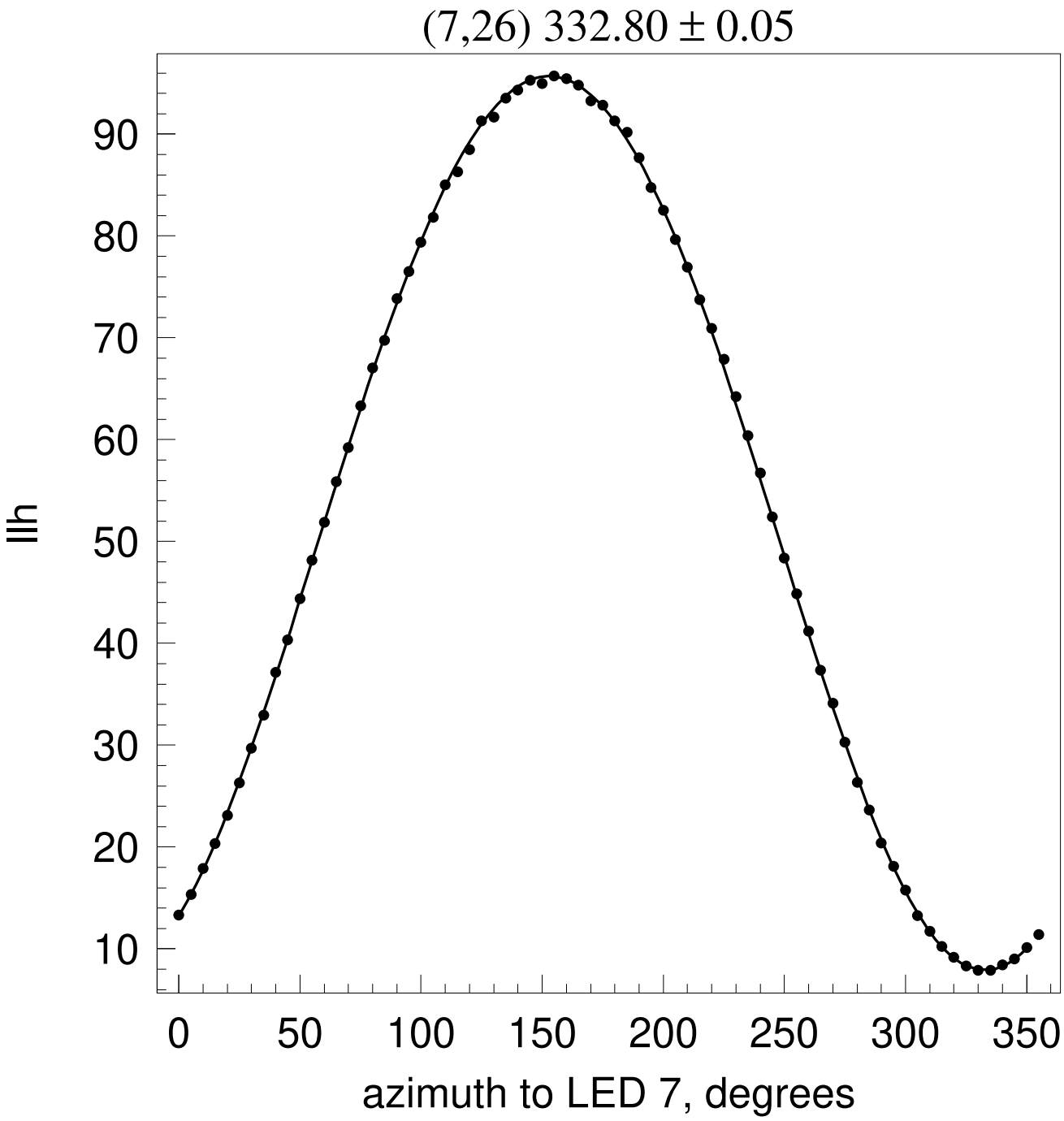

(7,21) 214.86 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

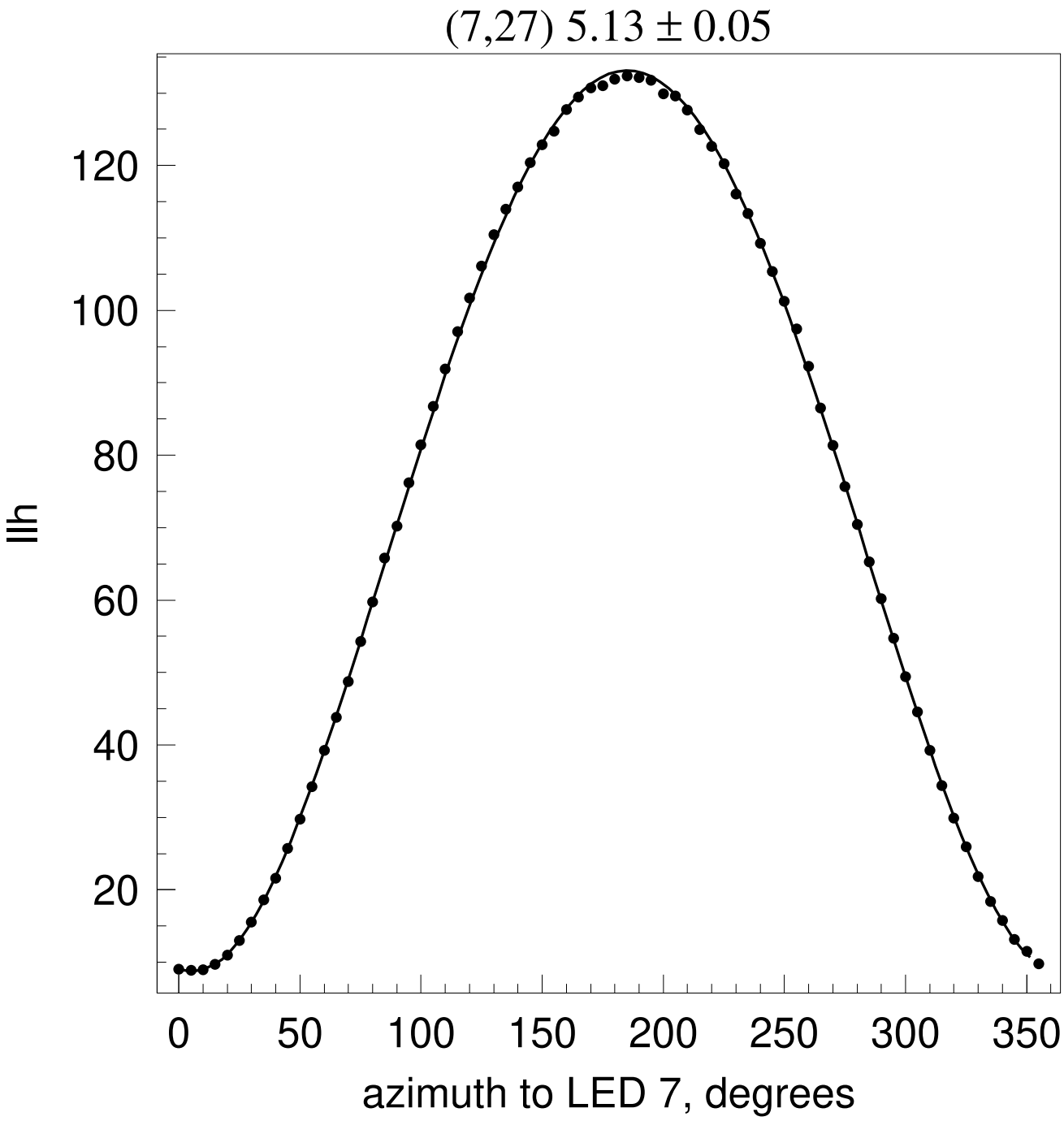

(7,22) 287.05 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

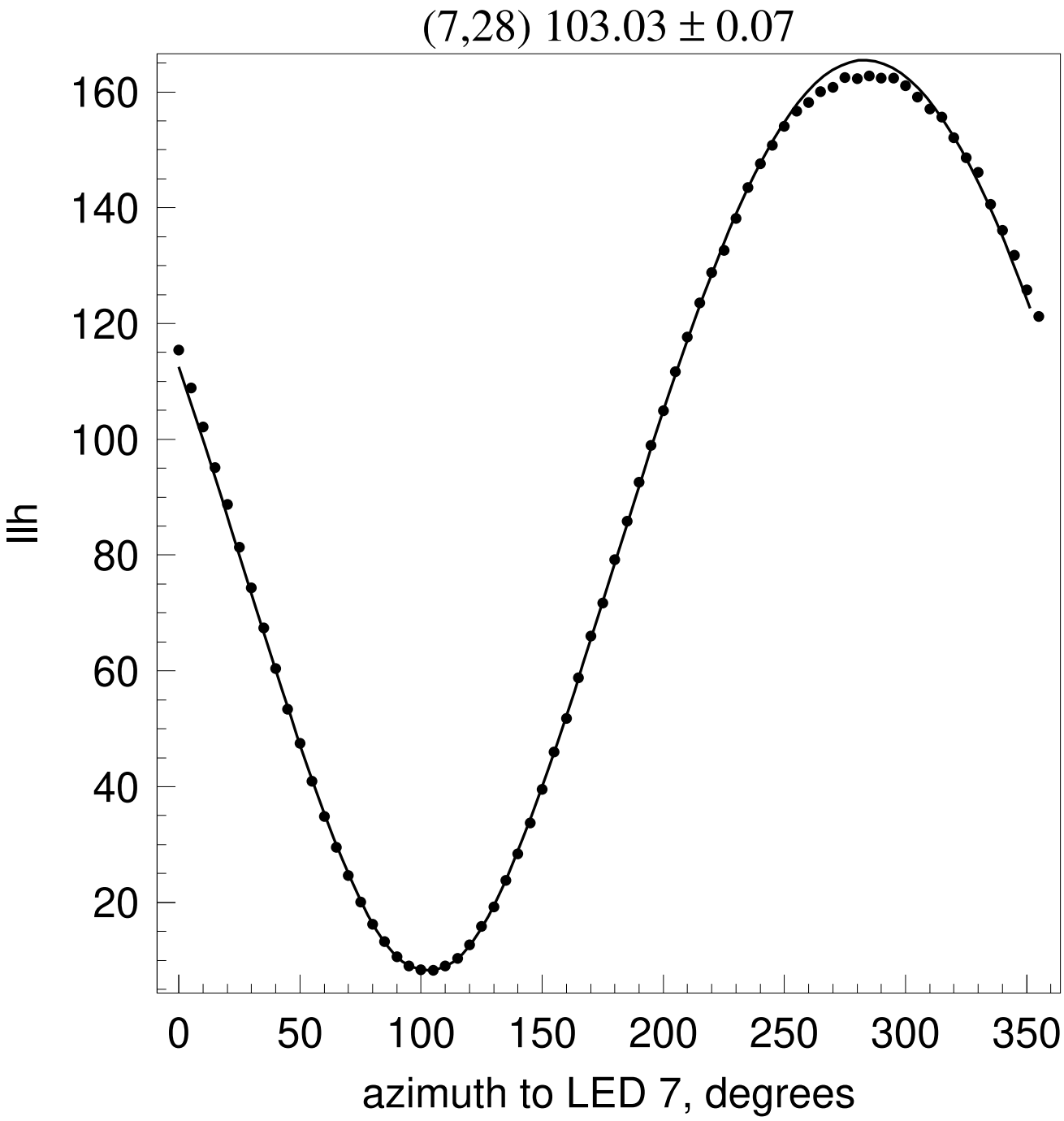

(7,23) 13.97 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

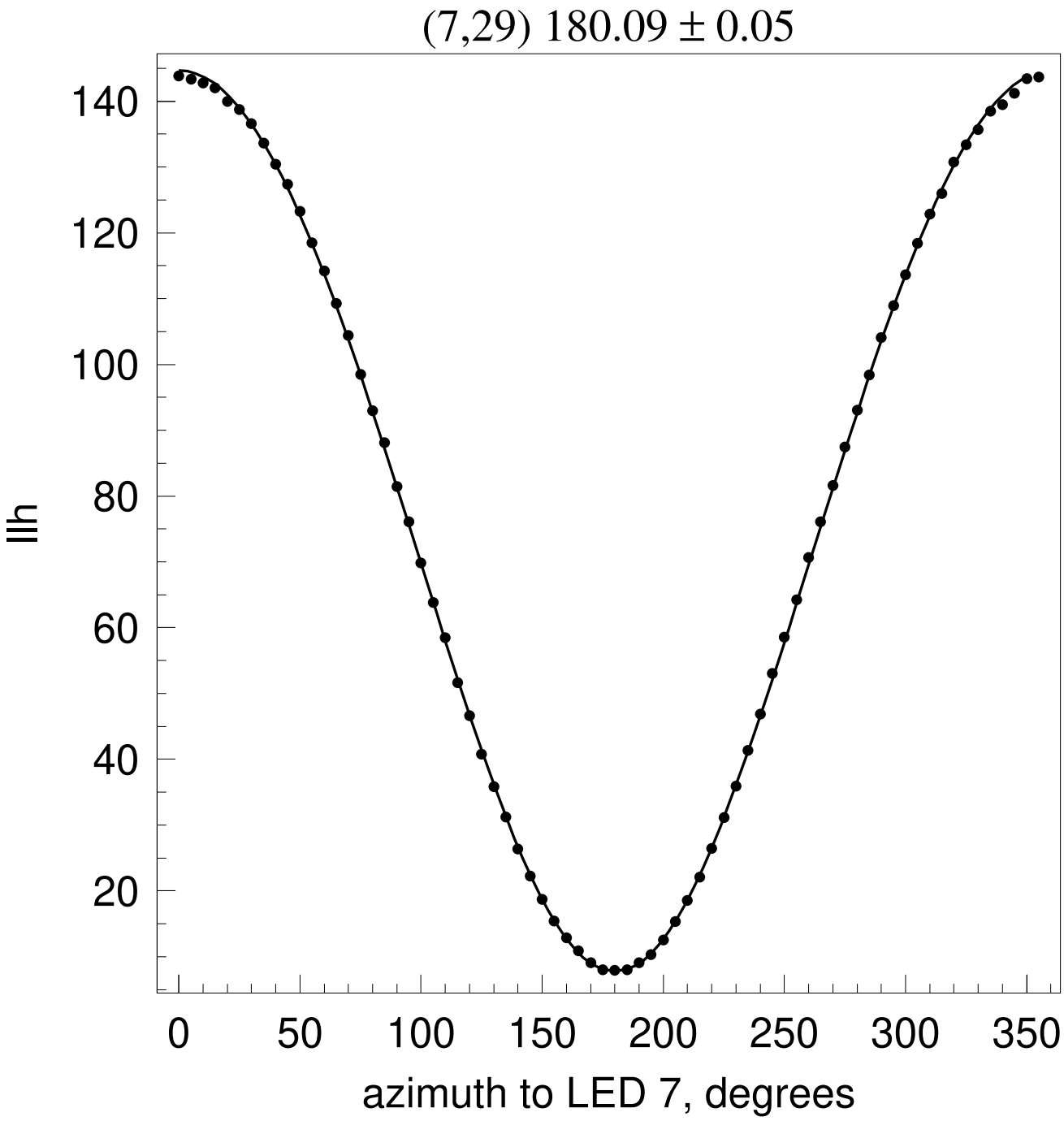

(7,24) 243.09 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

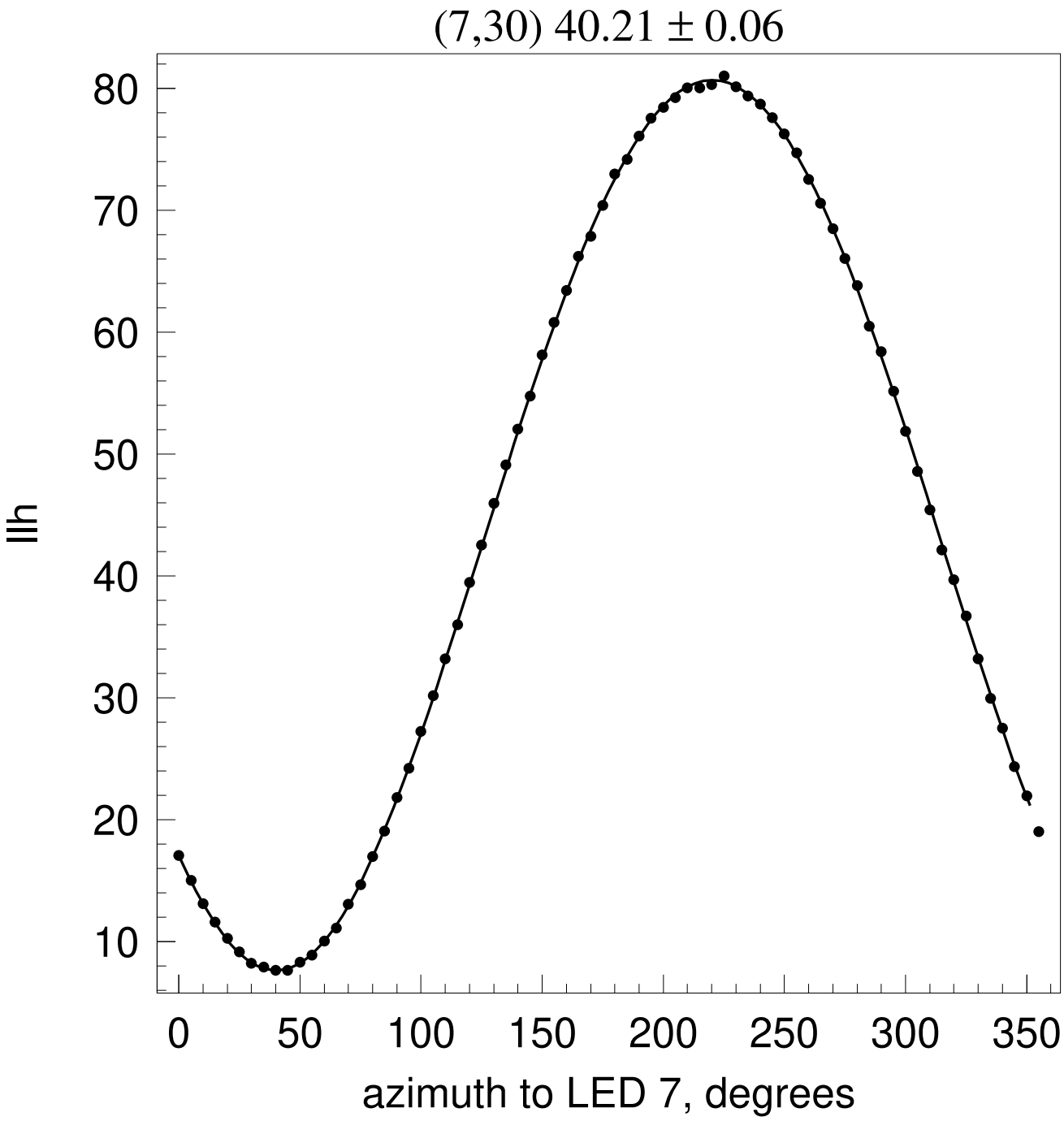

(7,25) 294.62 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

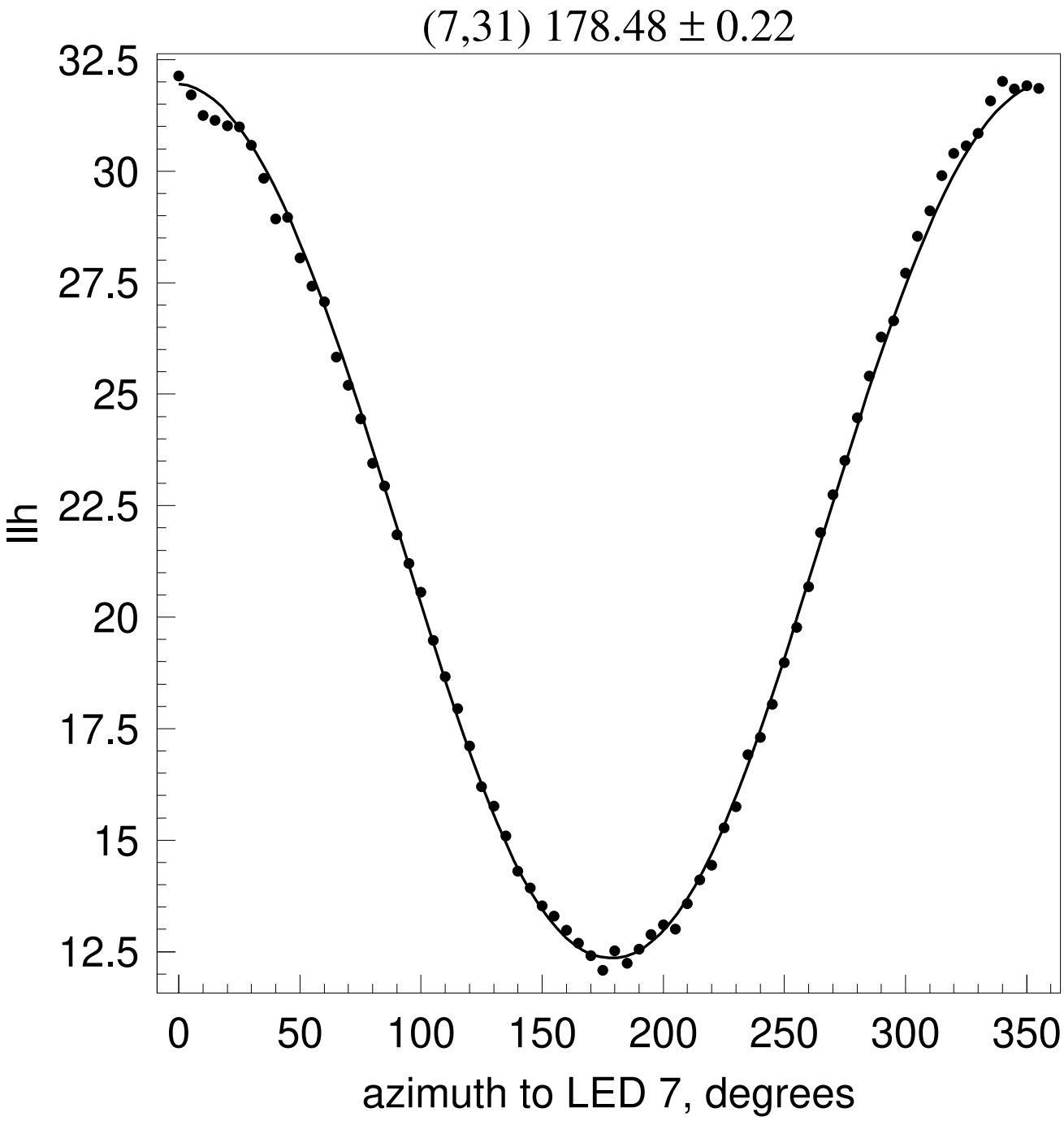

(7,26) 332.80 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

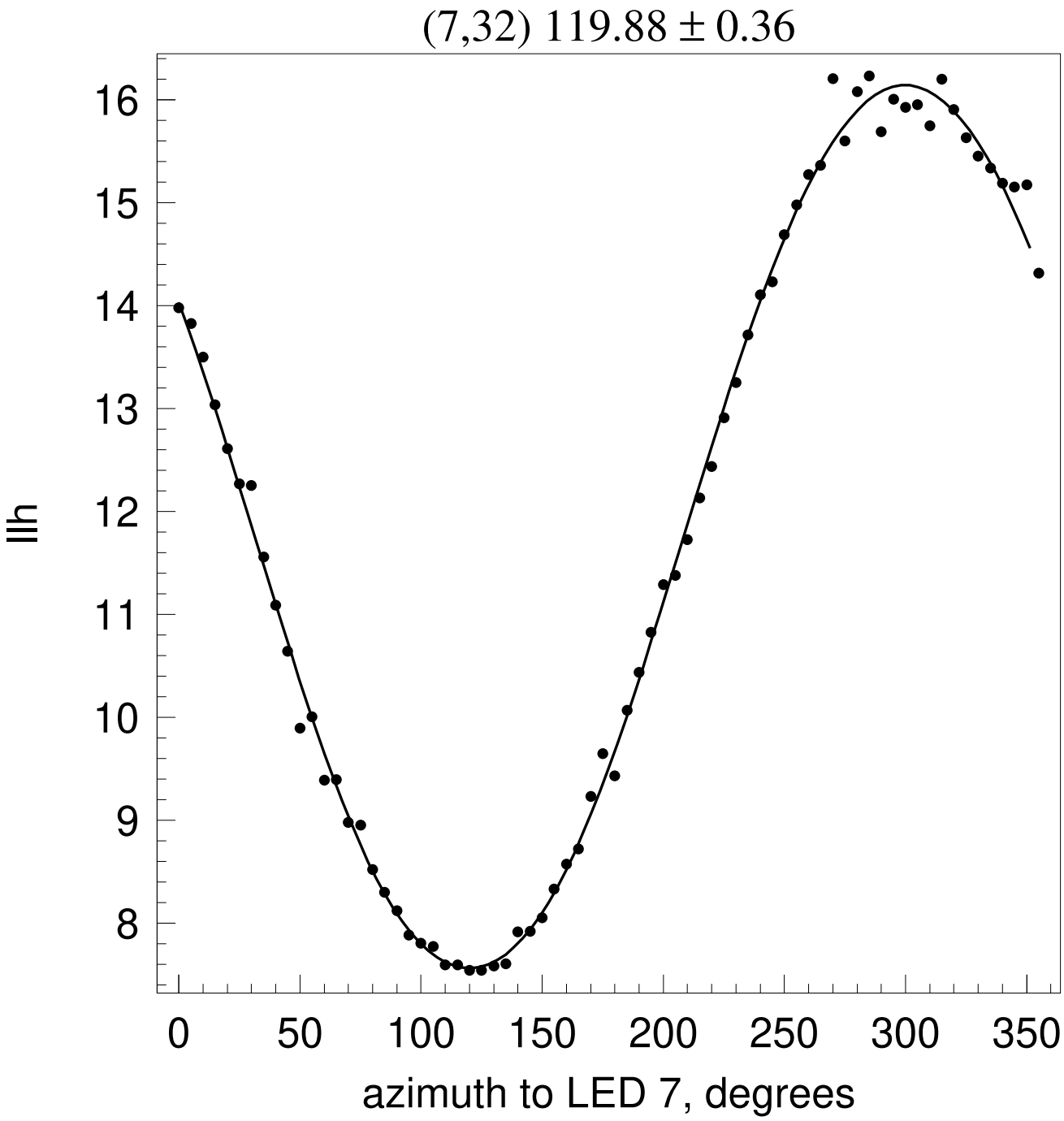

(7,27) 5.13 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

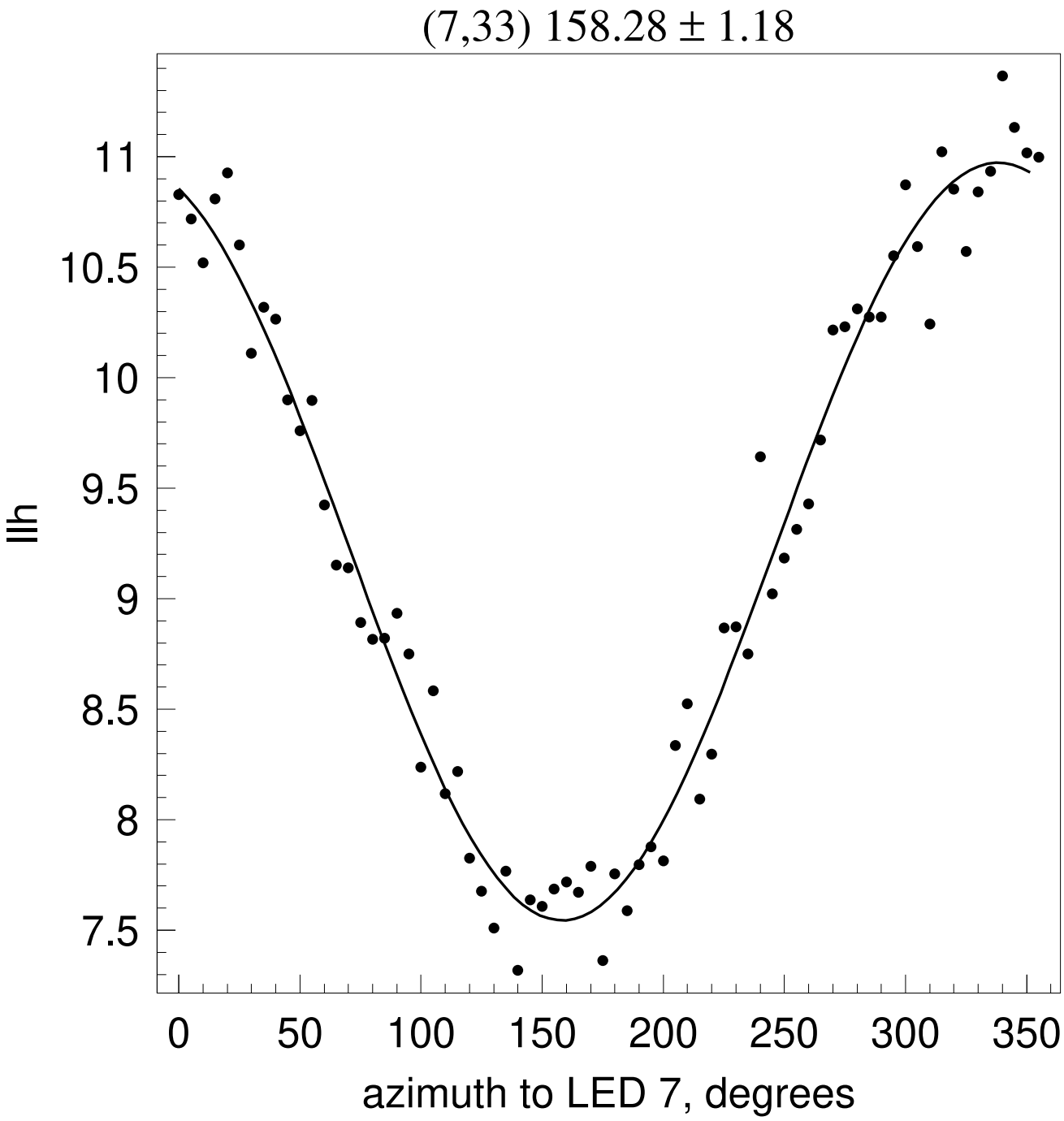

(7,28) 103.03 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

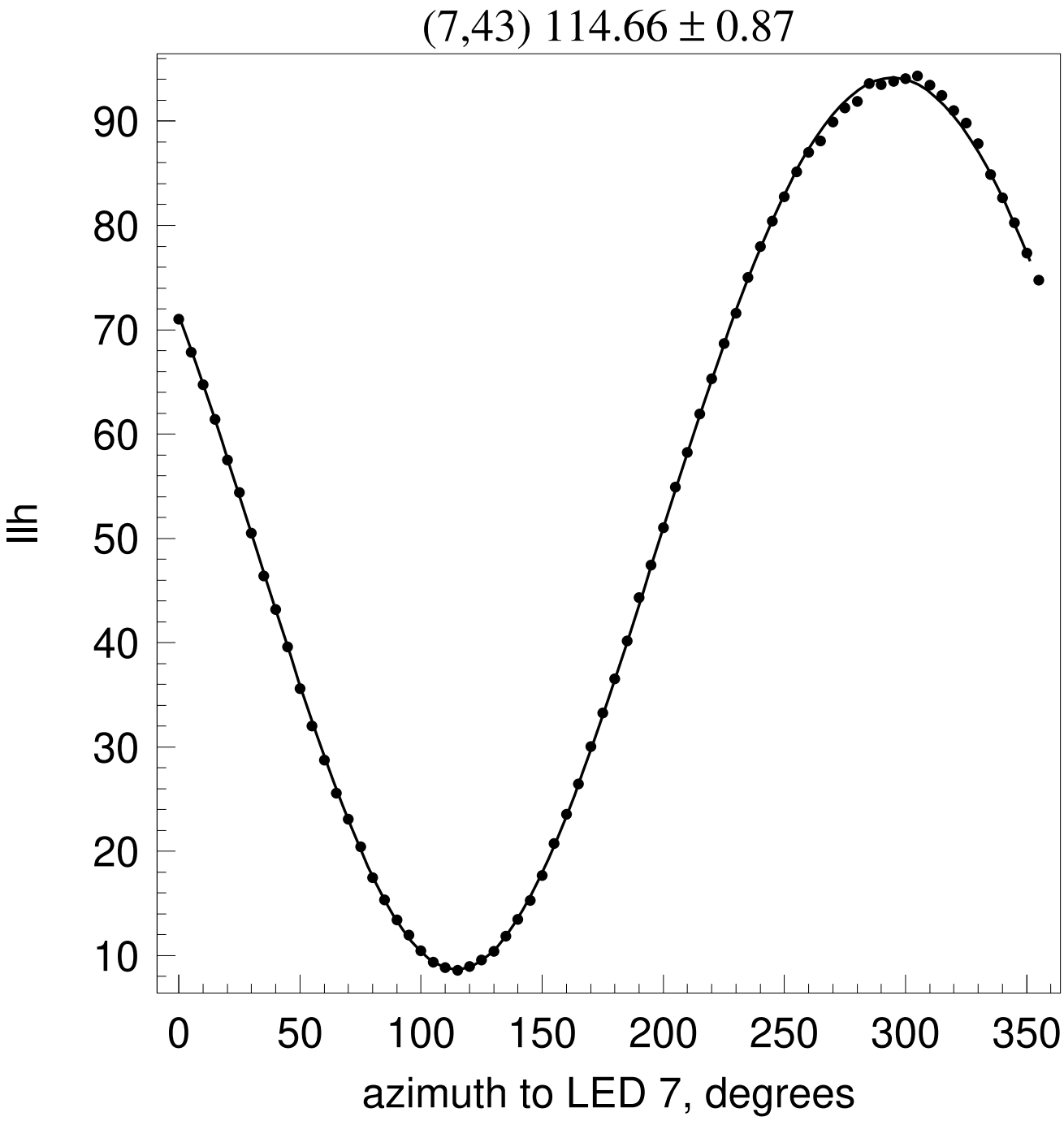

(7,29) 180.09 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

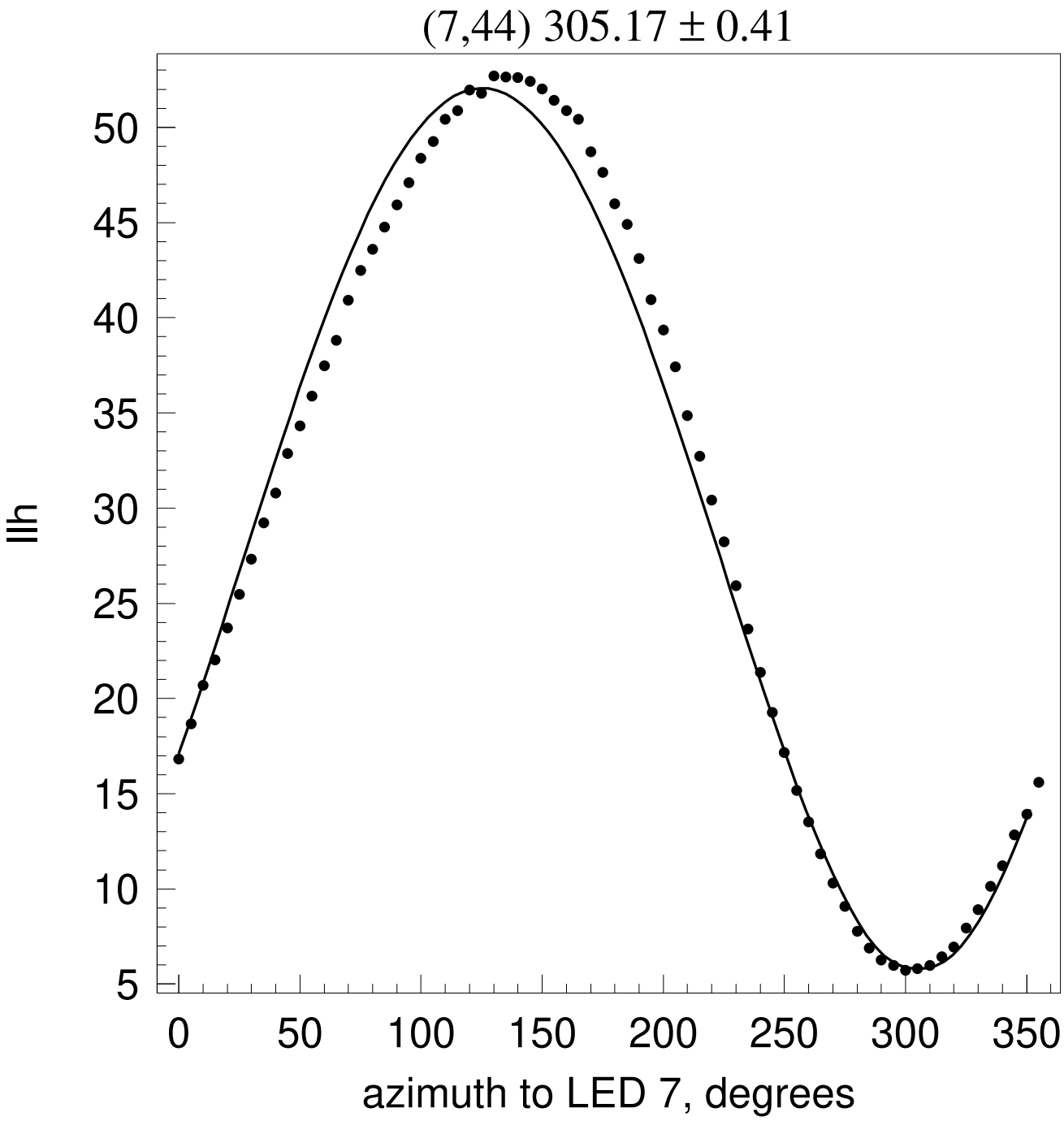

(7,30) 40.21 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

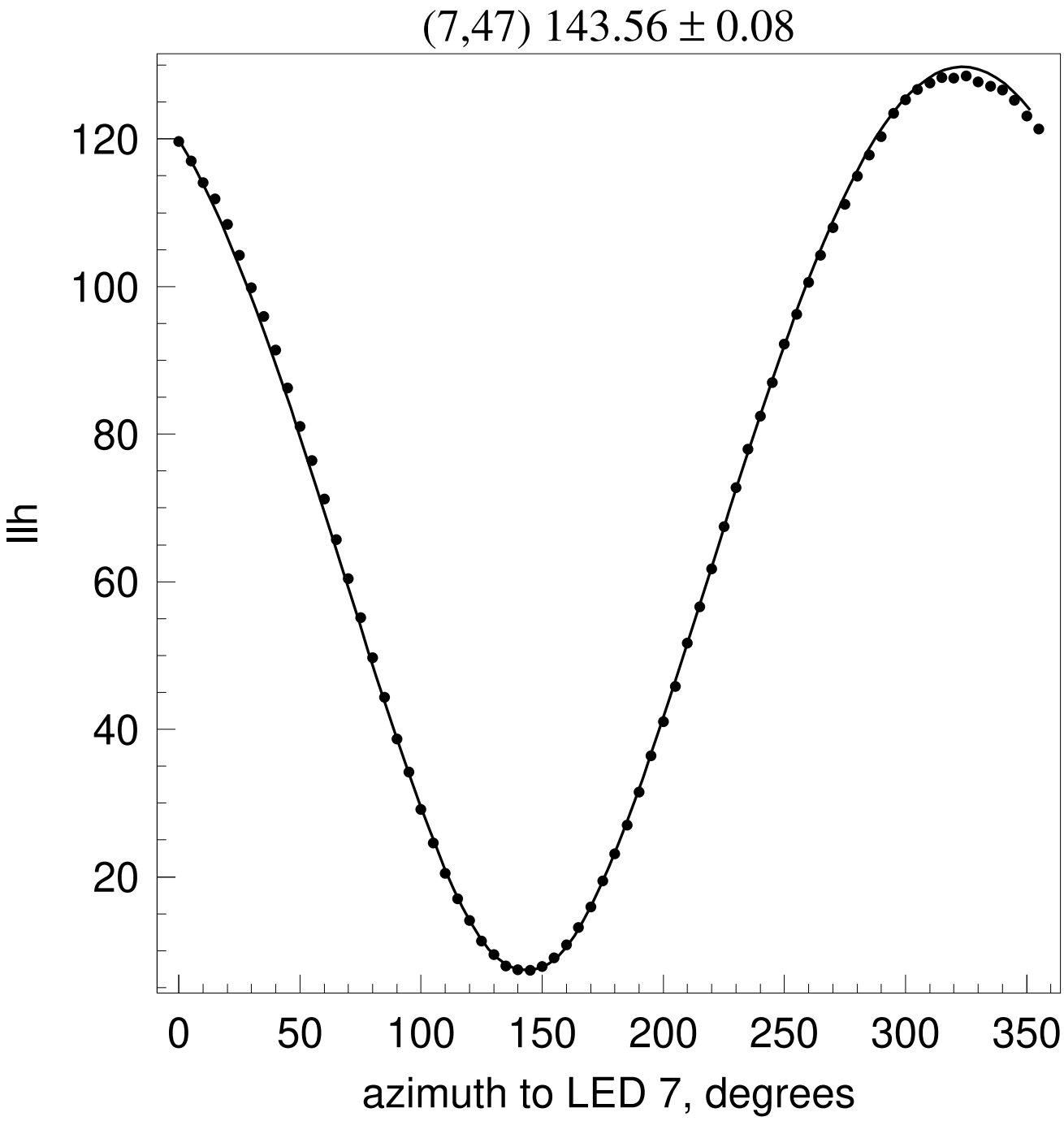

(7,31) 178.48 ± 0.22
32.5
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

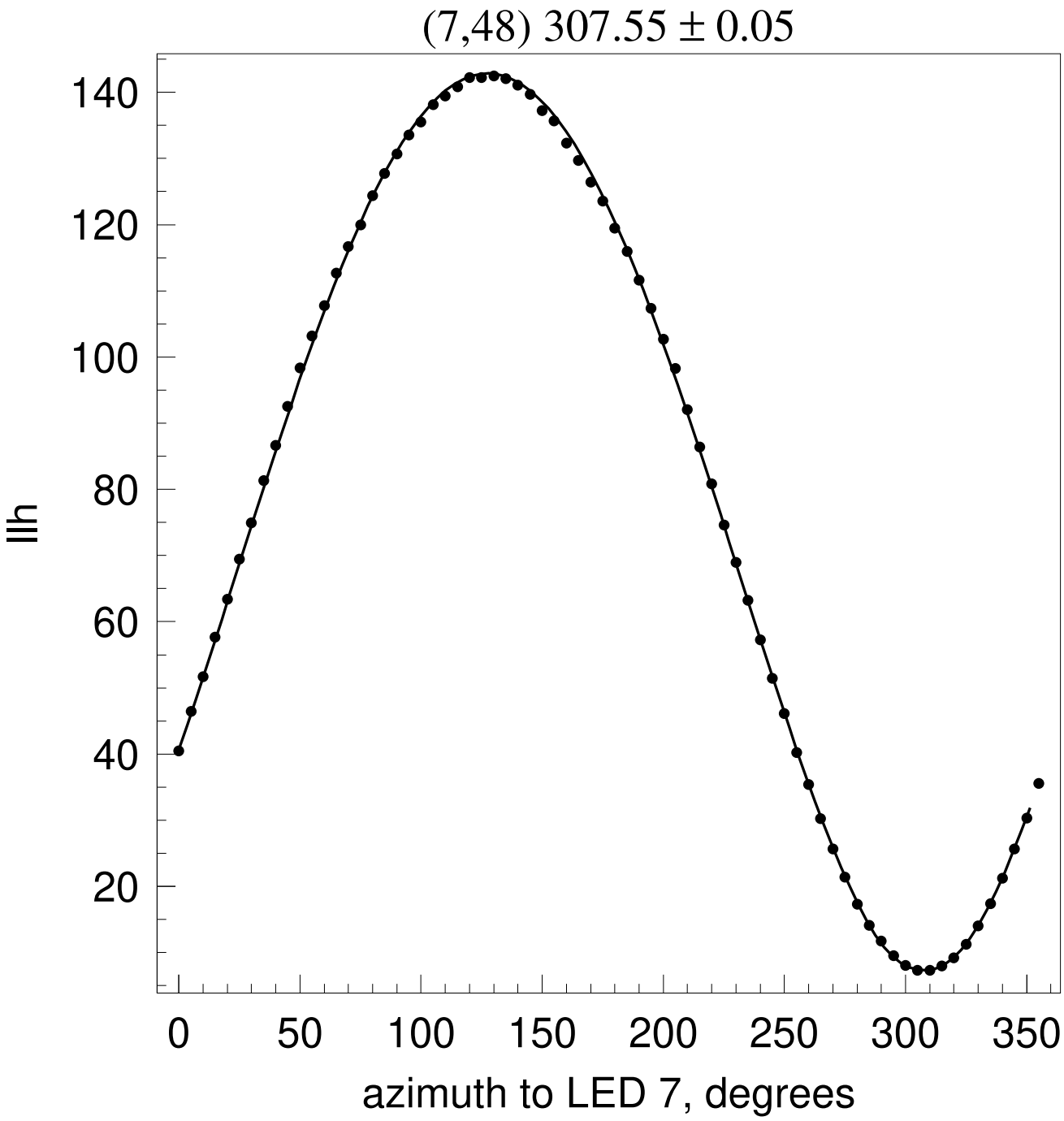

(7,32) 119.88 ± 0.36
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

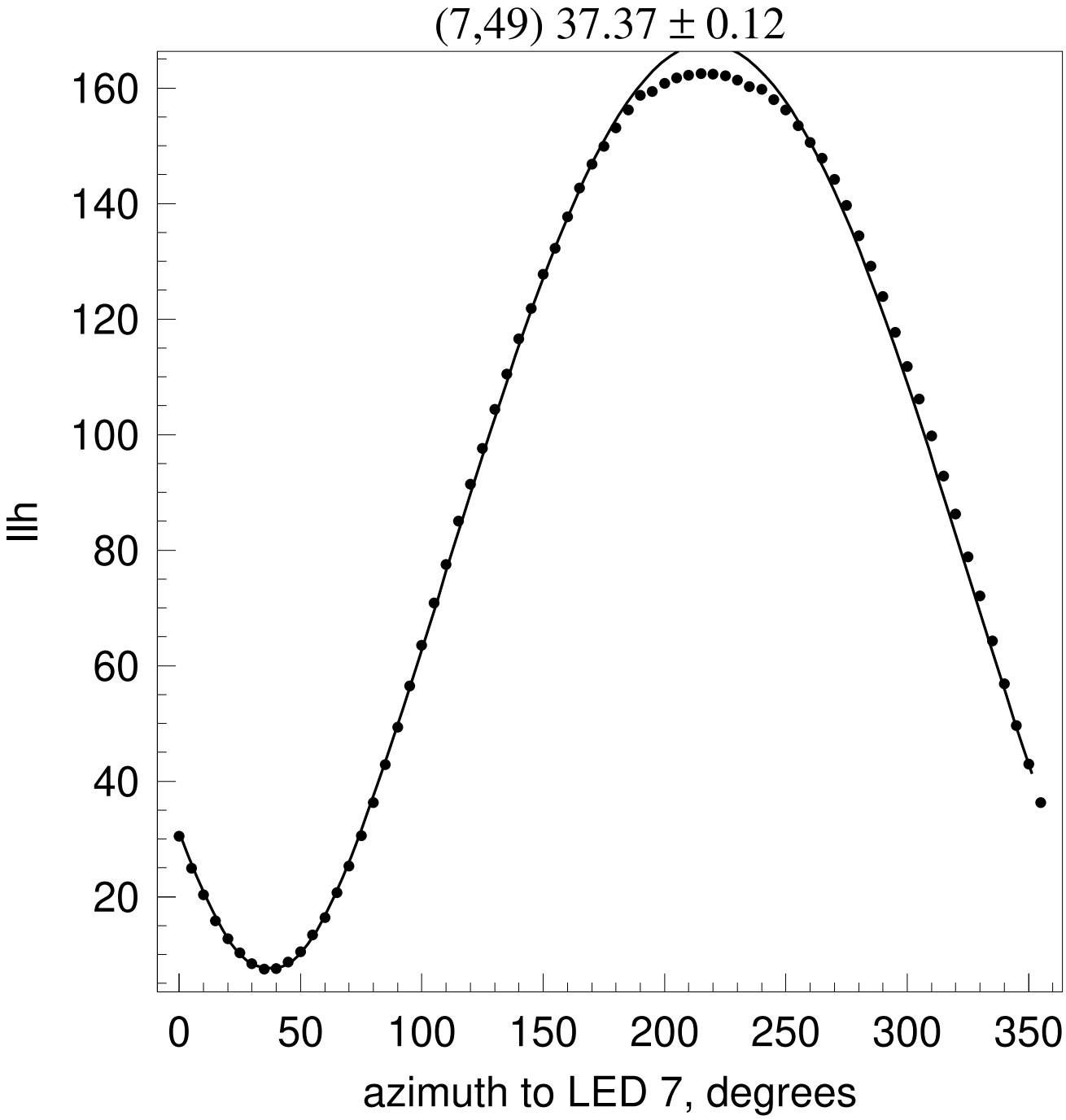

(7,33) 158.28 ± 1.18
11
10.5
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

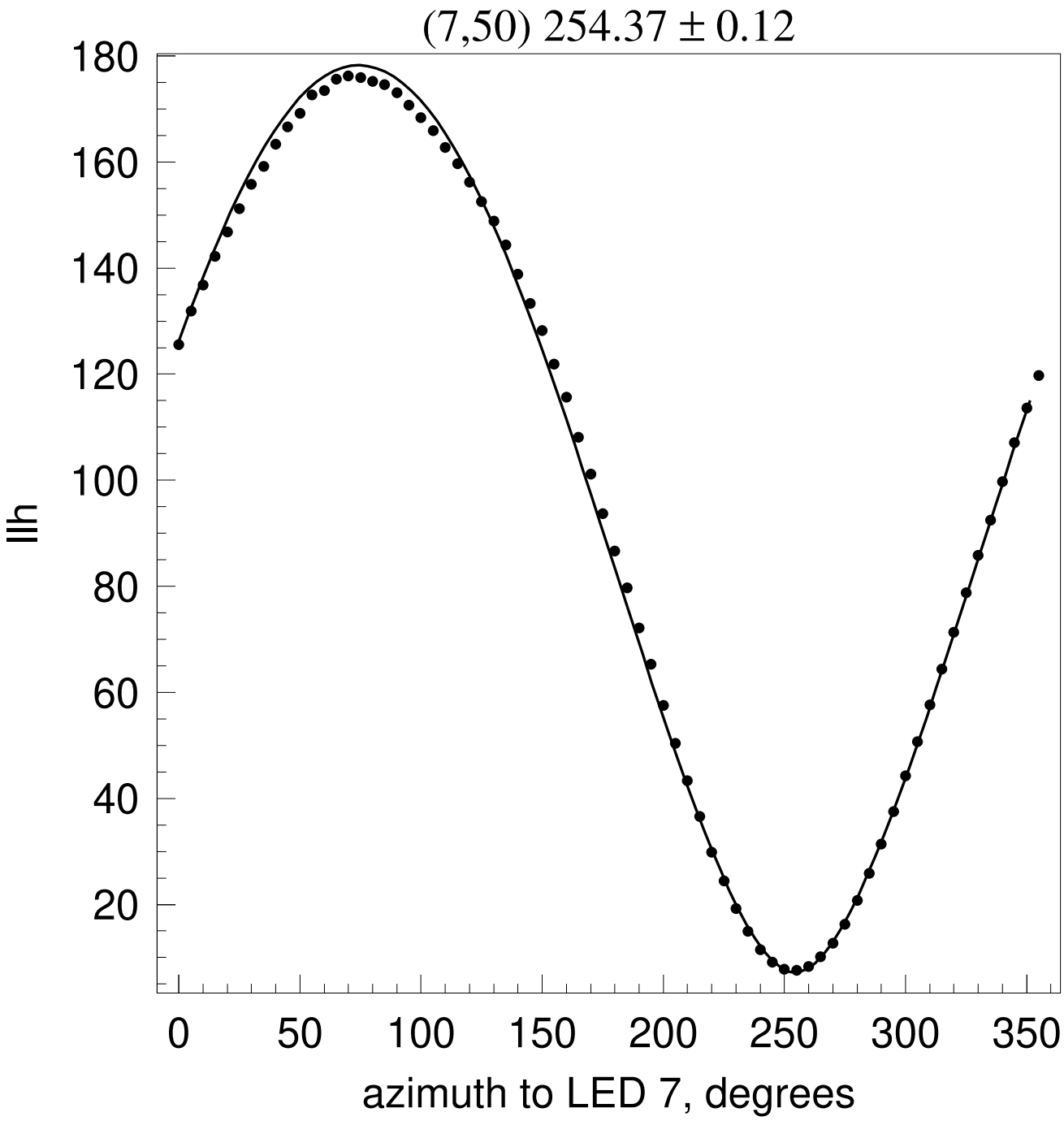

(7,43) 114.66 ± 0.87
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

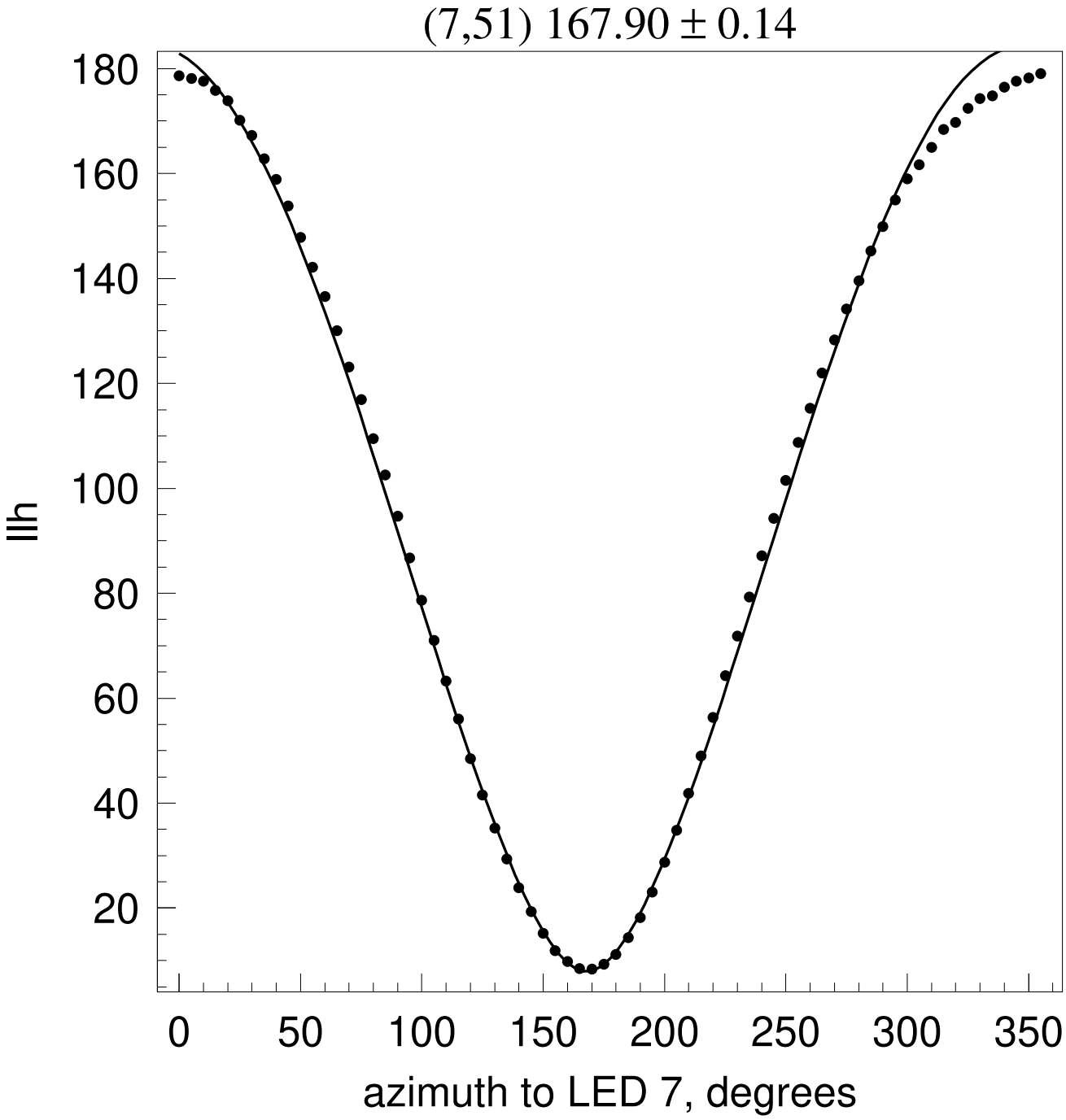

(7,44) 305.17 ± 0.41
50
45
40
35
30
25
20
15
10
5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

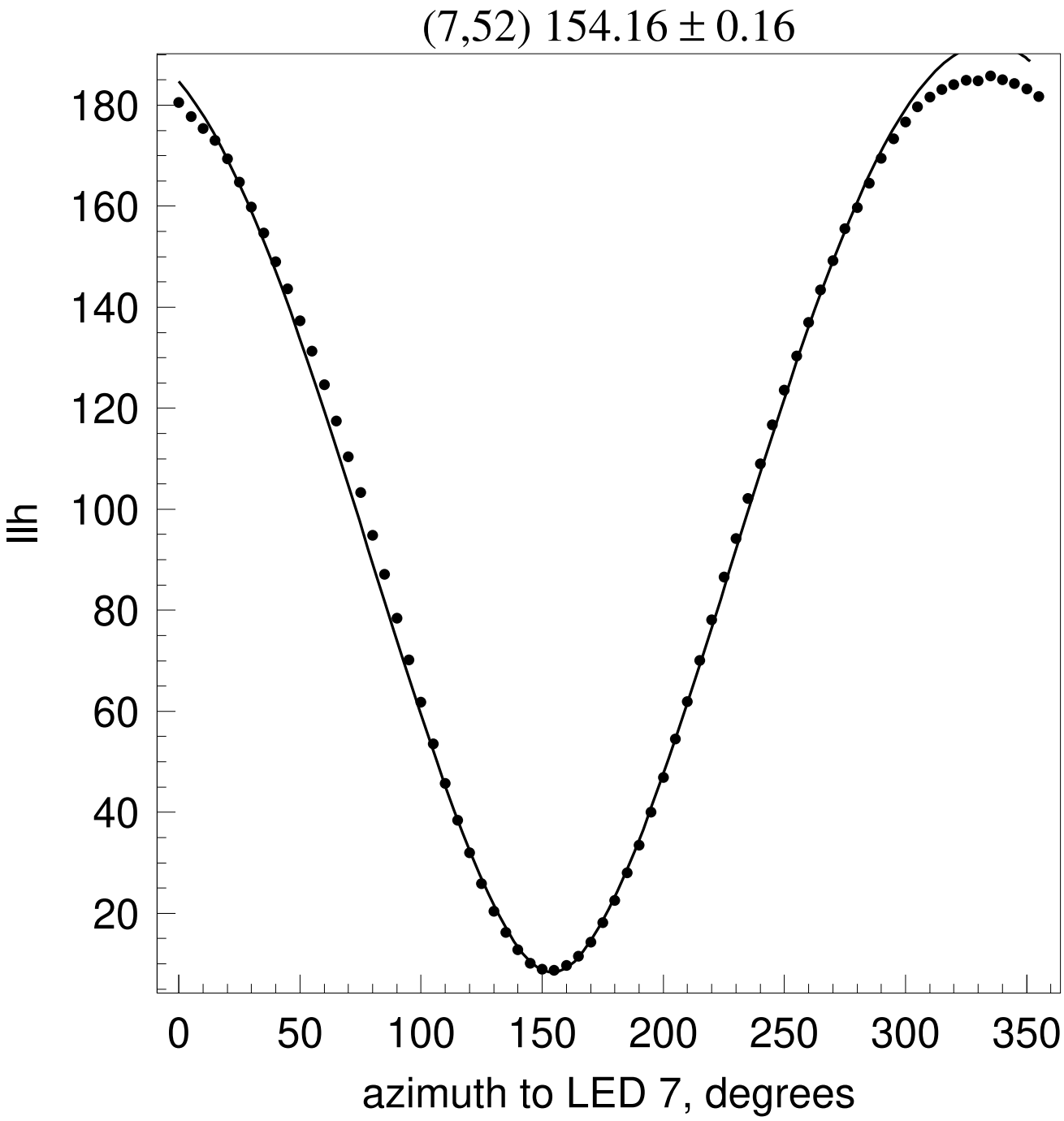

(7,47) 143.56 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

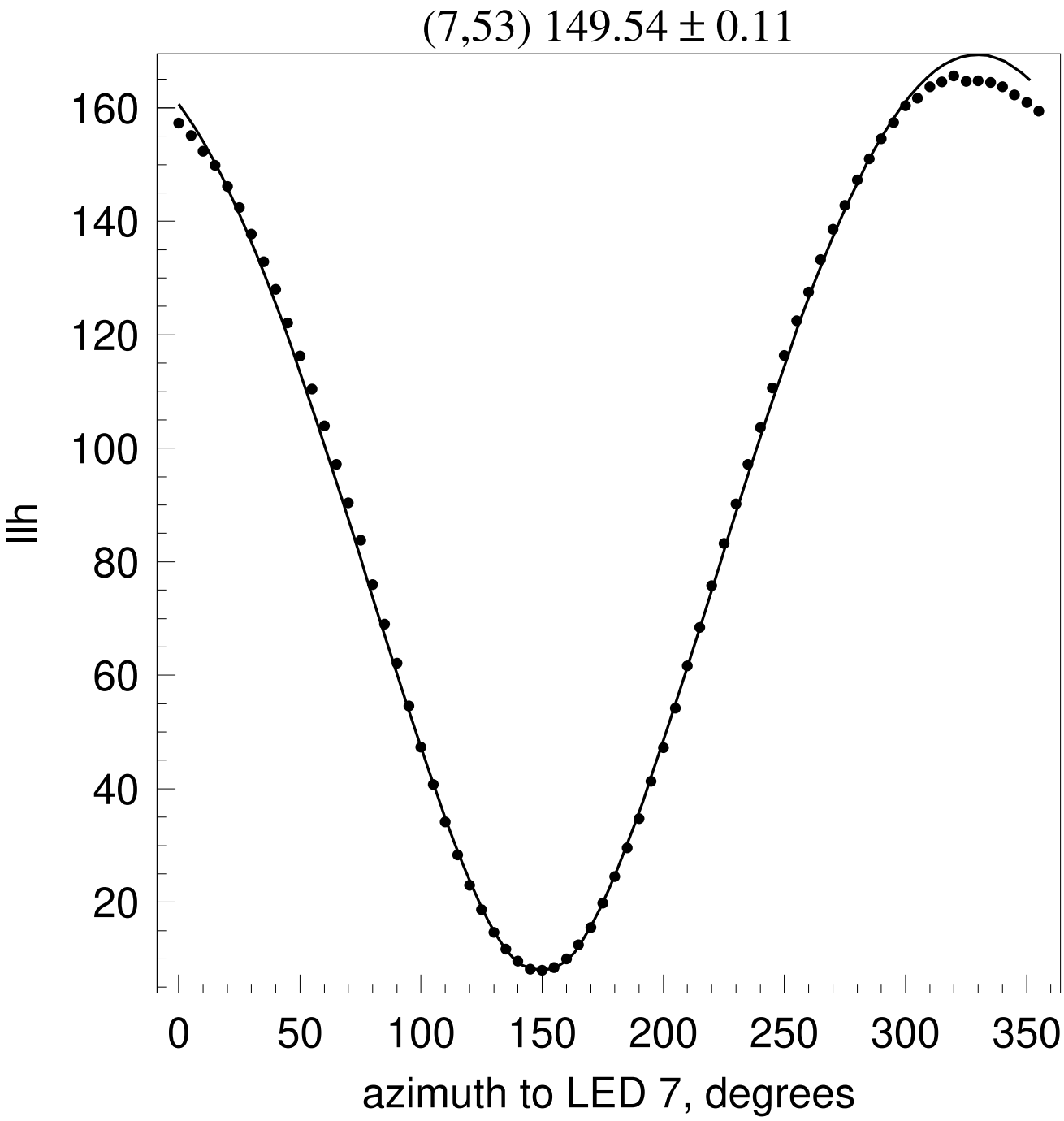

(7,48) 307.55 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

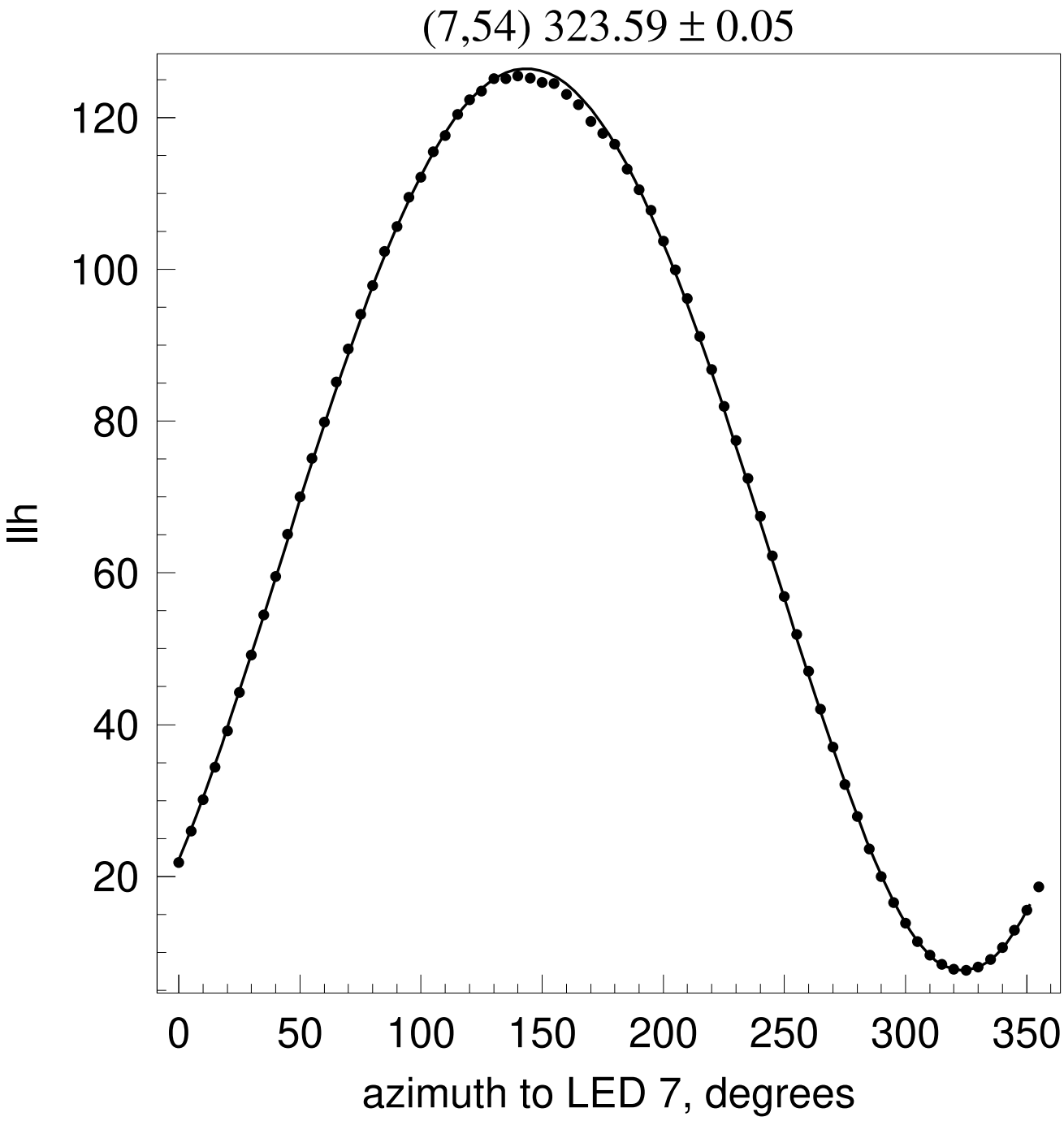

(7,49) 37.37 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

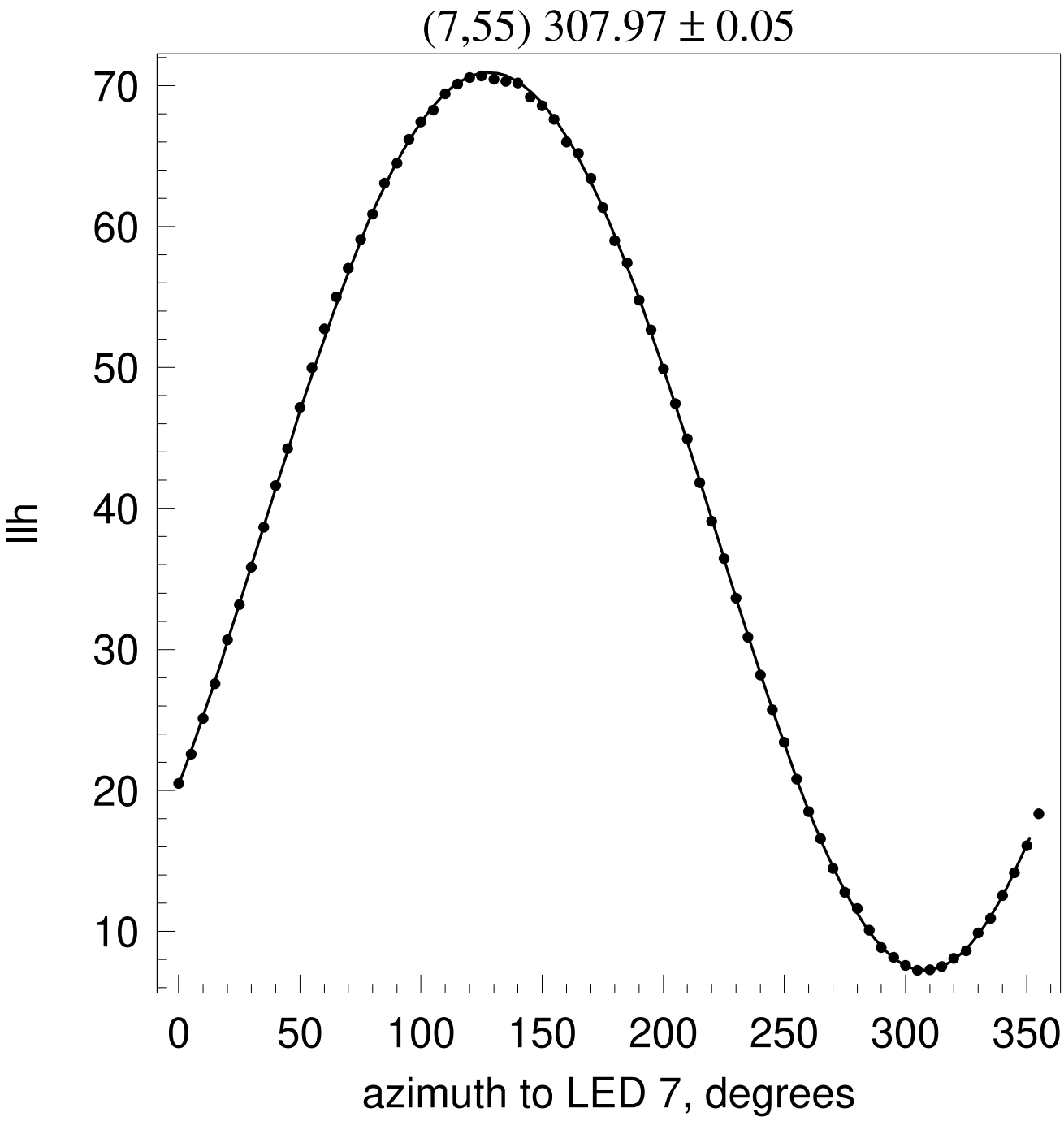

(7,50) 254.37 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

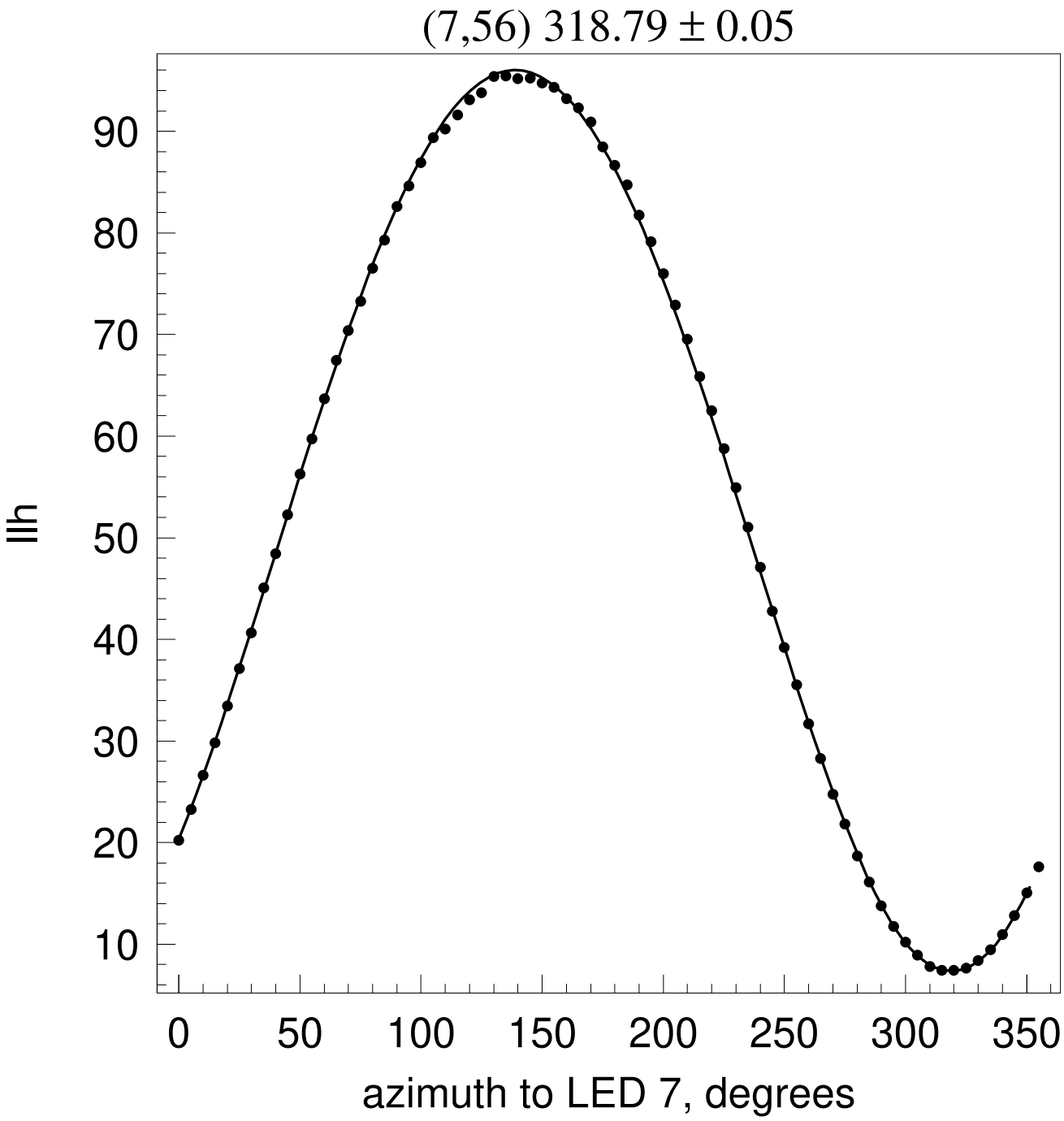

(7,51) 167.90 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

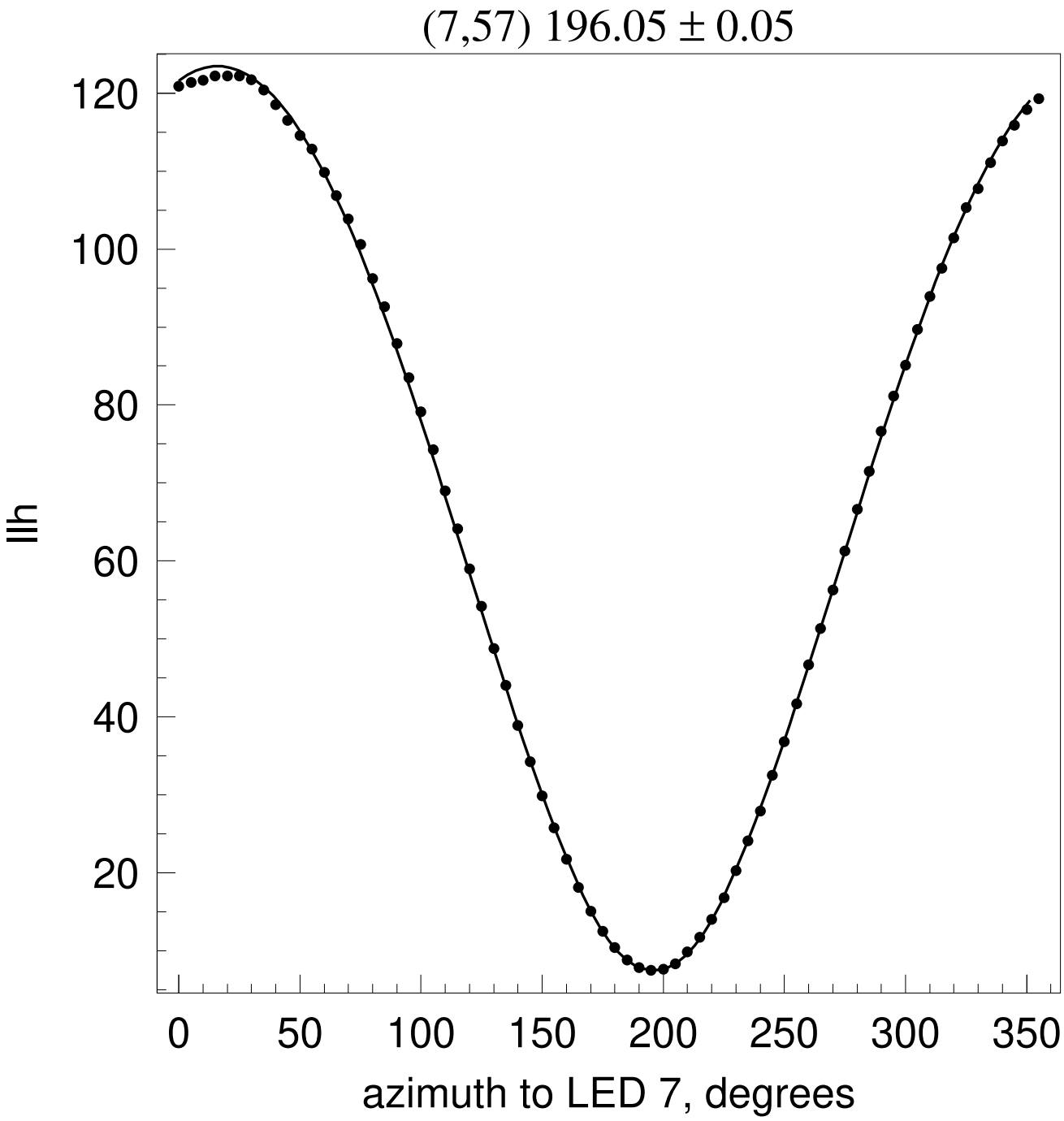

(7,52) 154.16 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

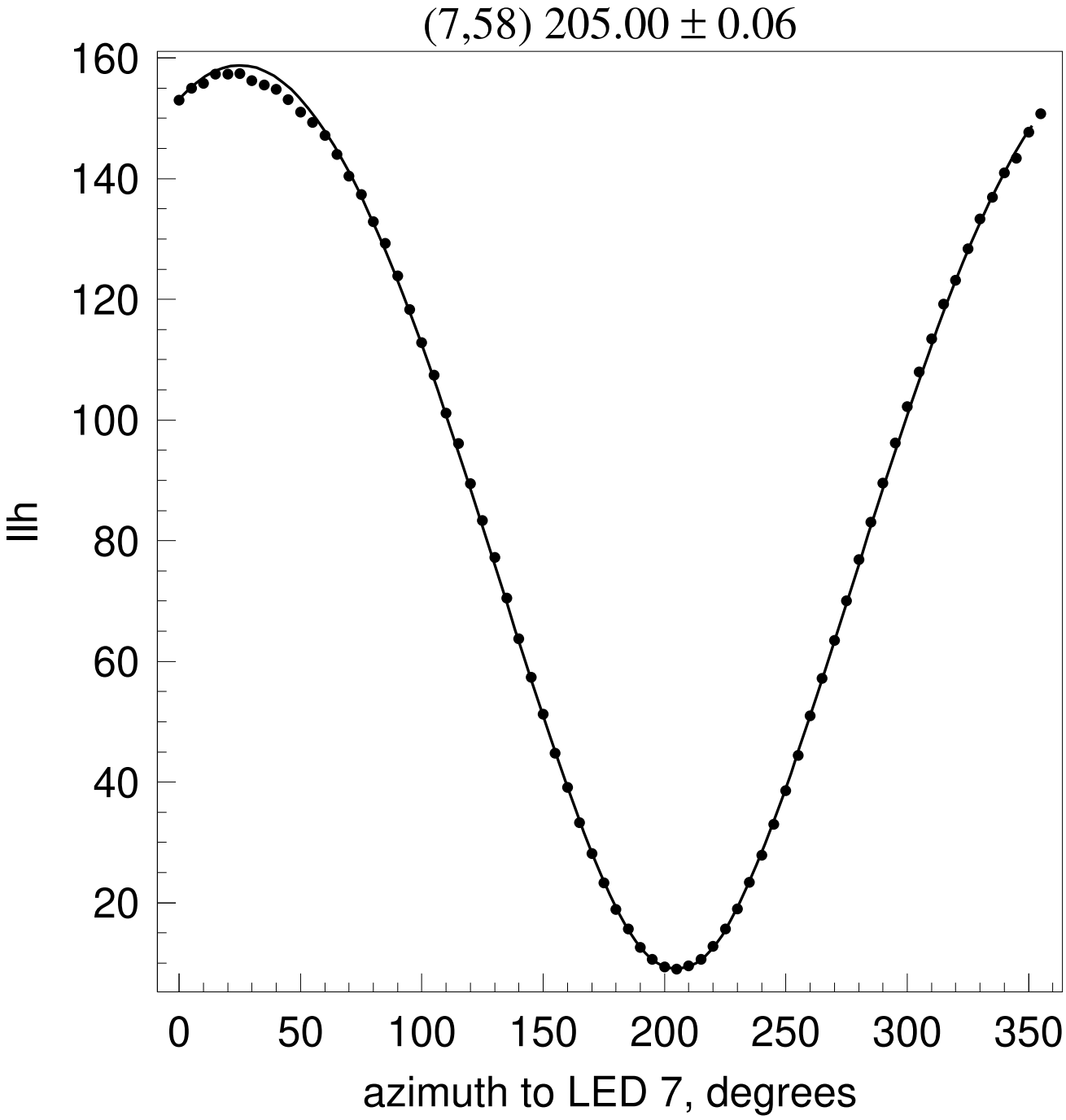

(7,53) 149.54 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

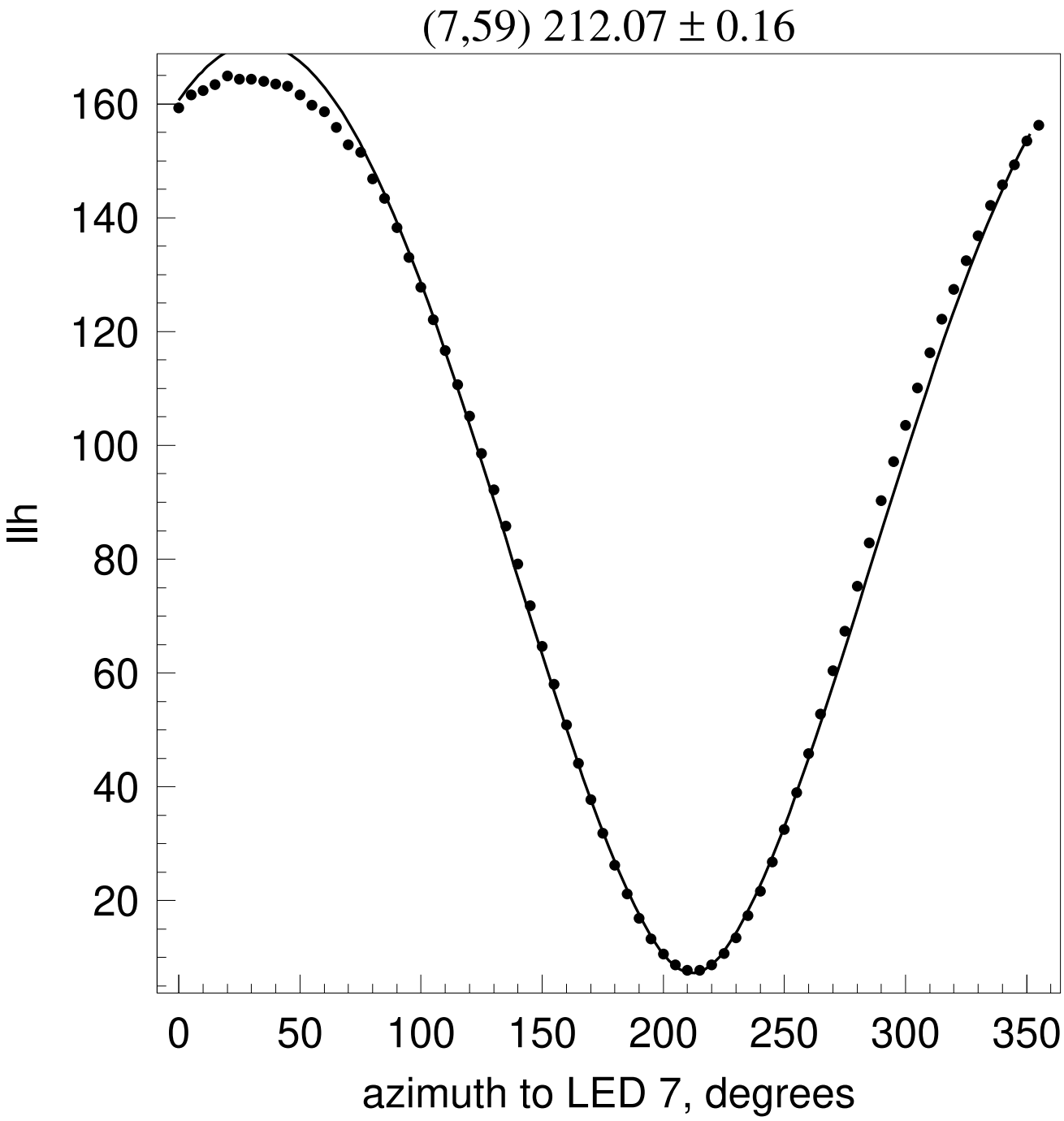

(7,54) 323.59 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

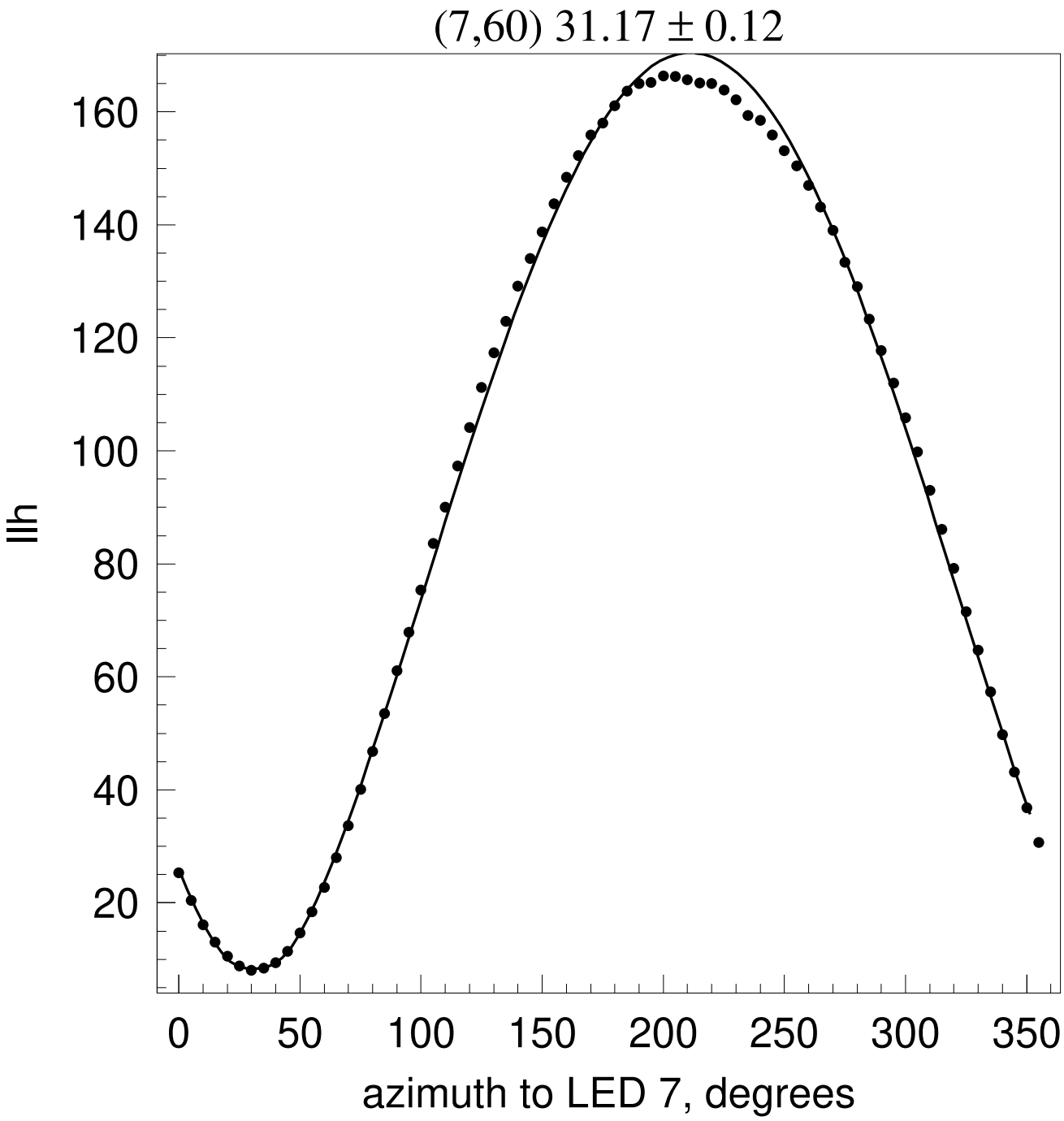

(7,55) 307.97 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

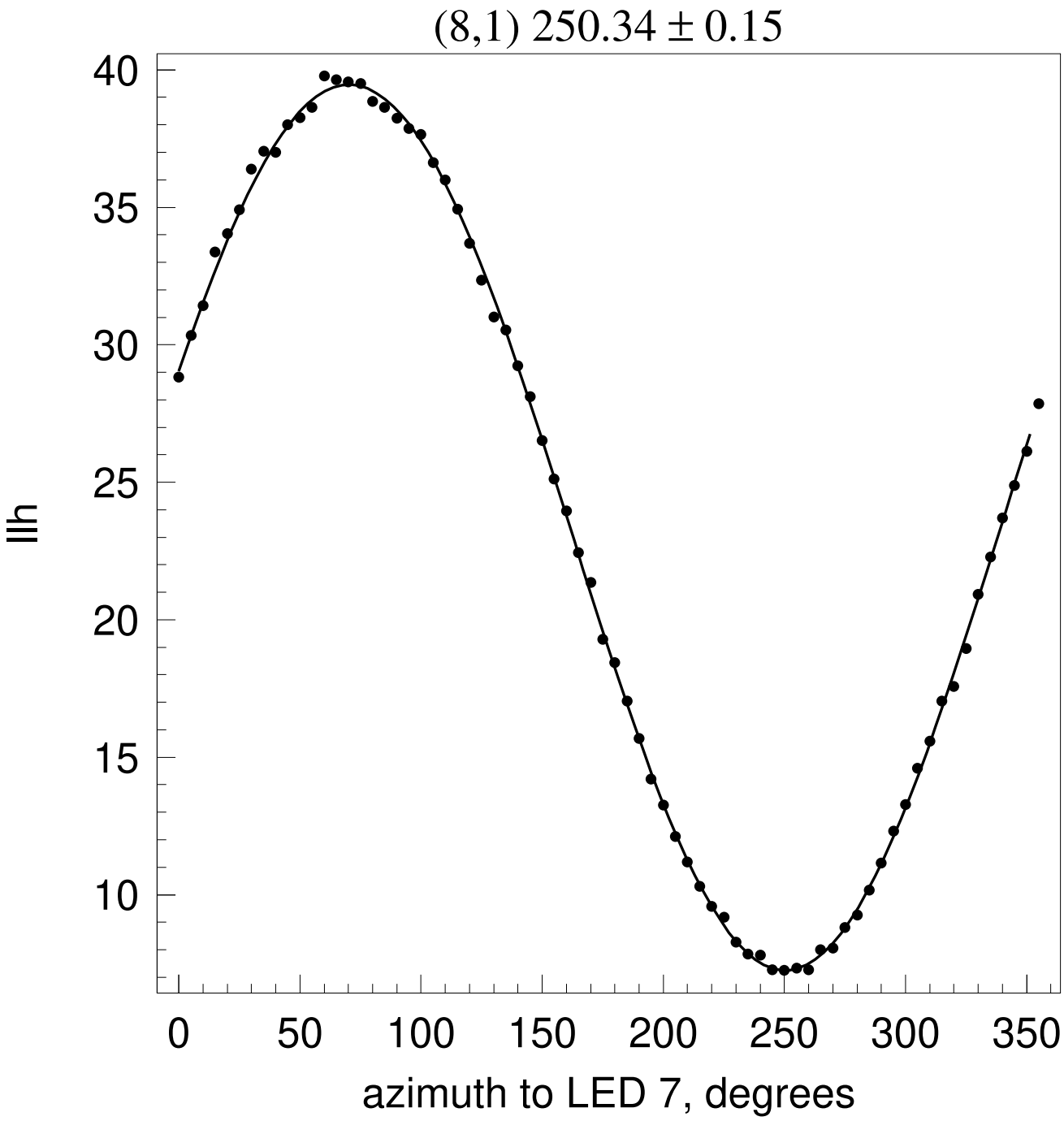

(7,56) 318.79 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

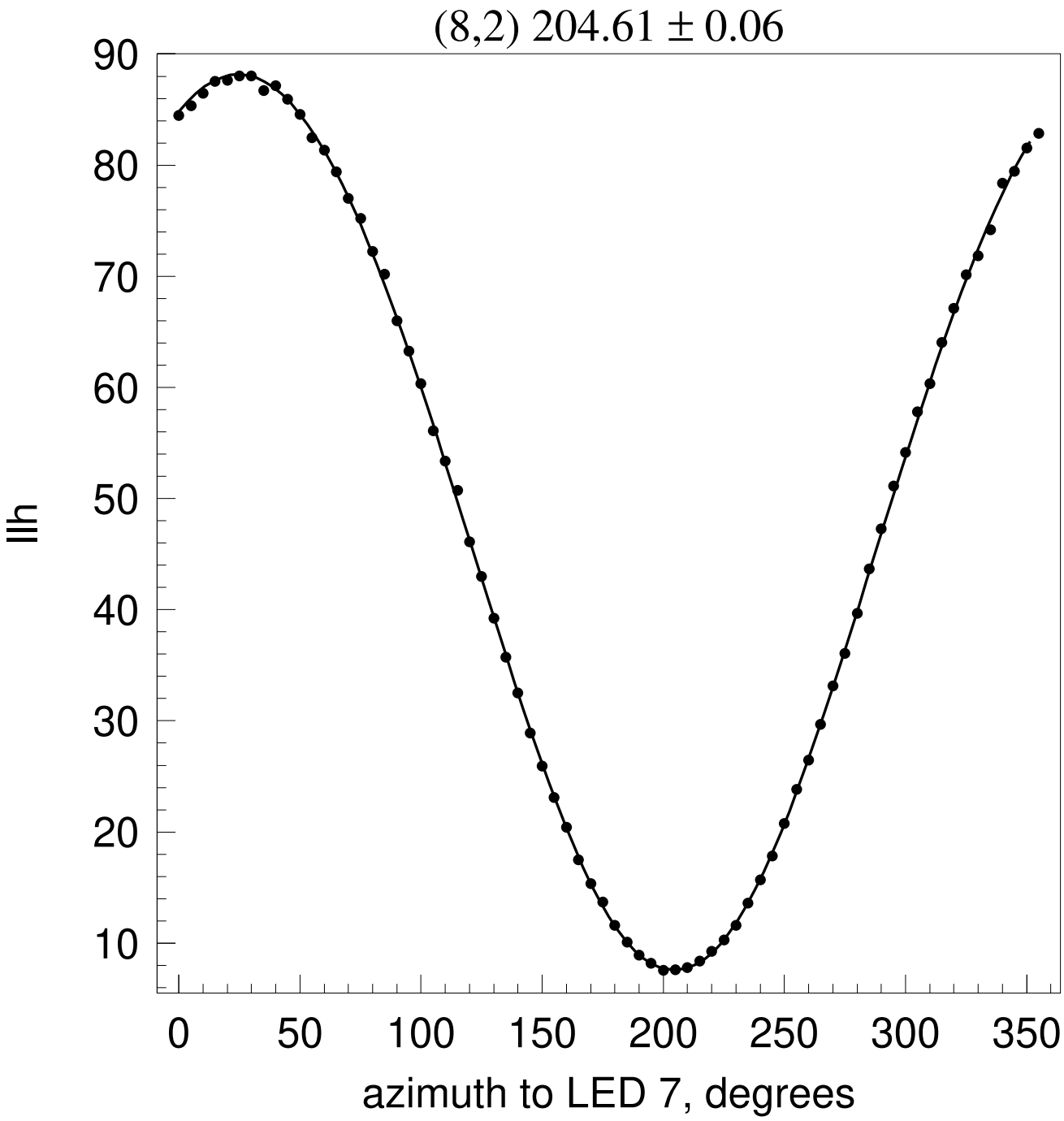

(7,57) 196.05 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

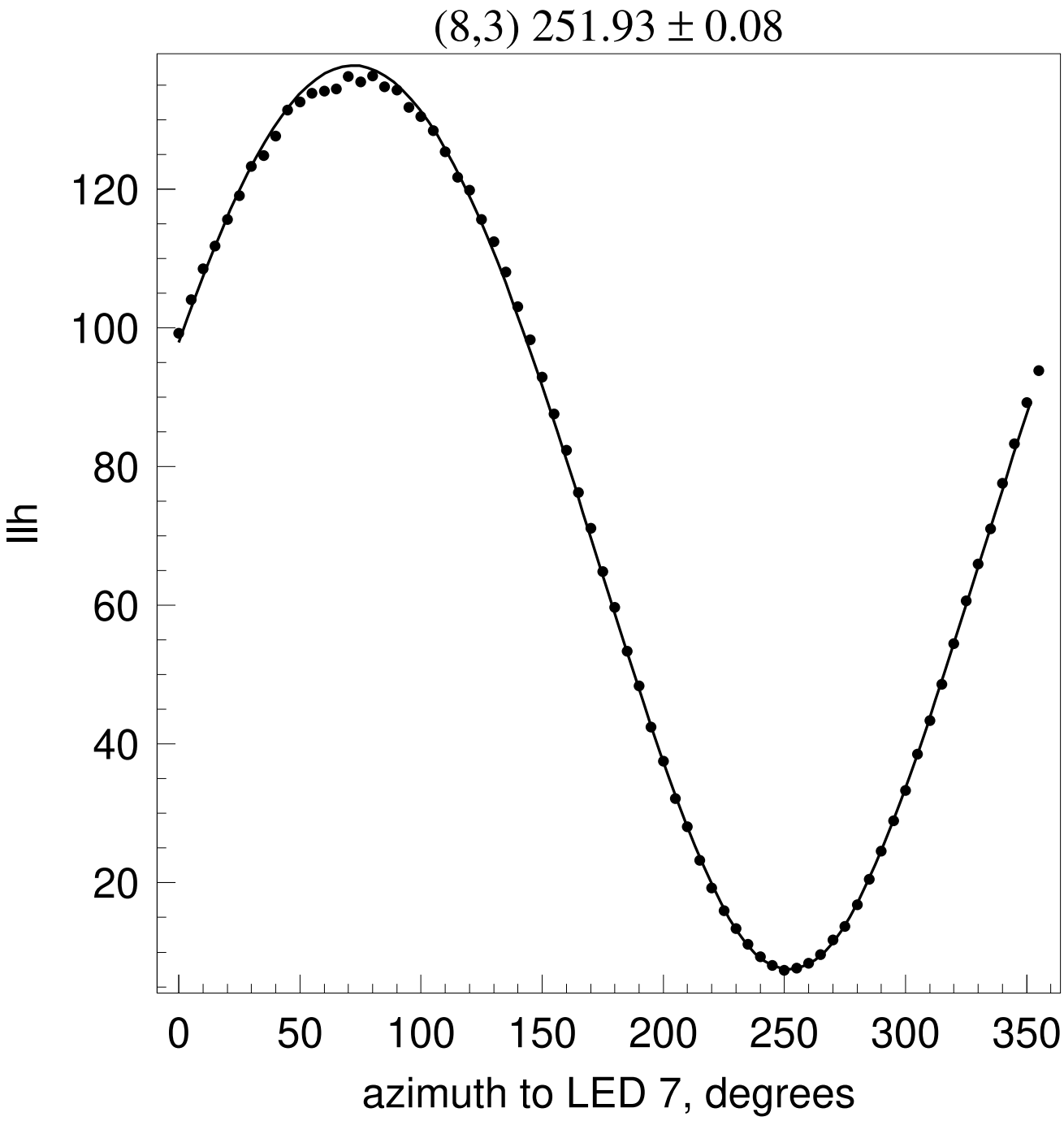

(7,58) 205.00 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

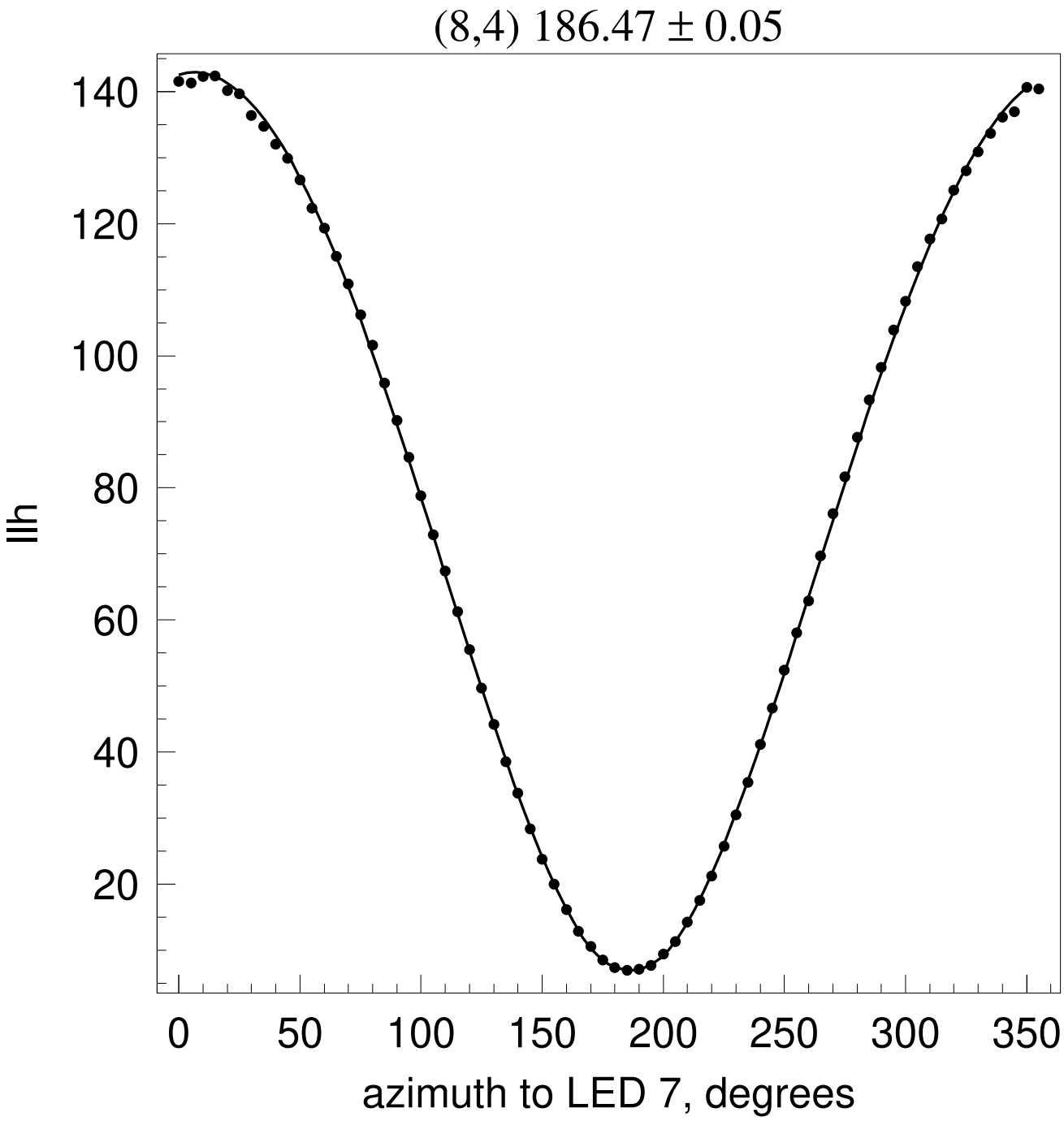

(7,59) 212.07 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

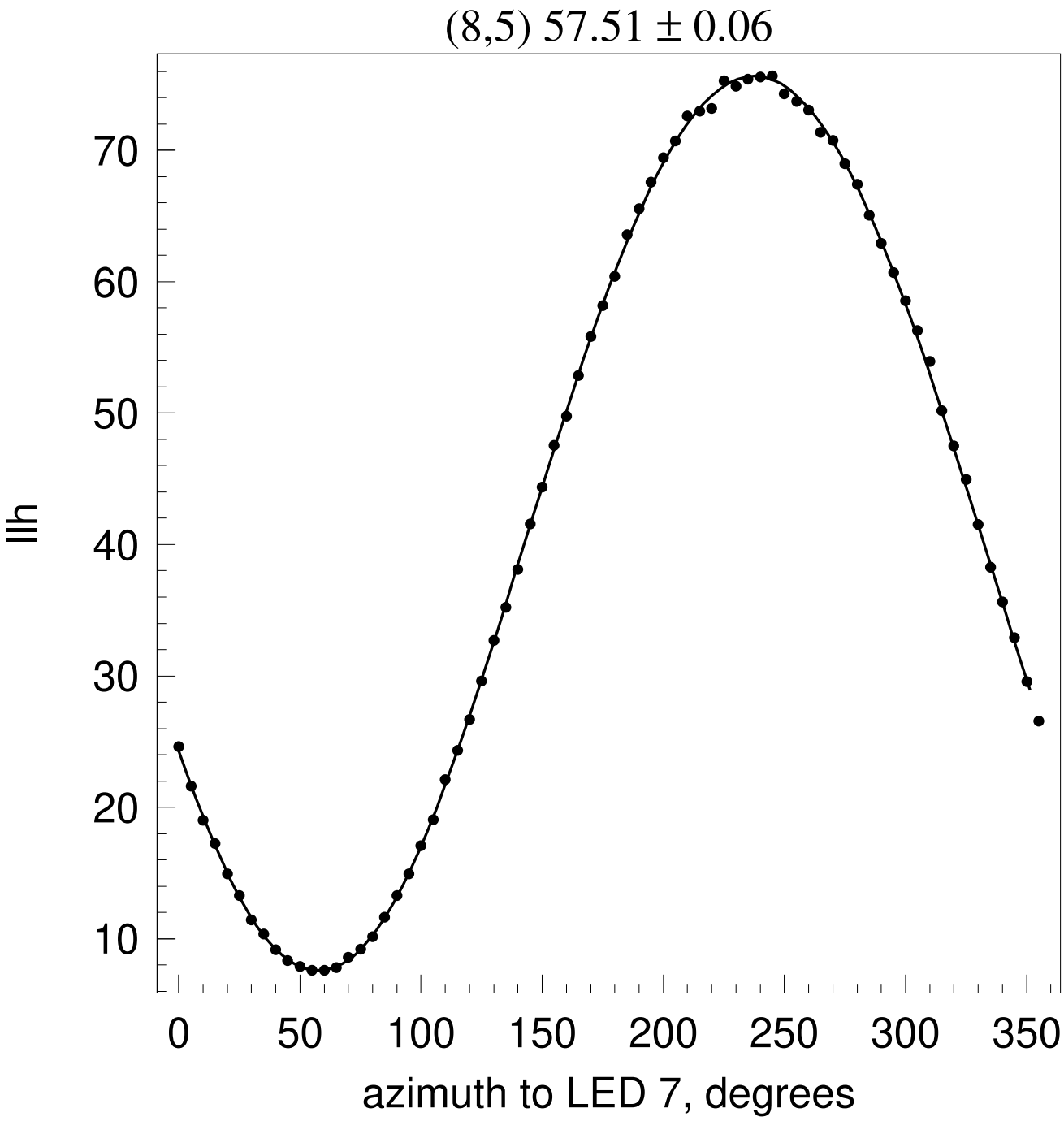

(7,60) 31.17 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

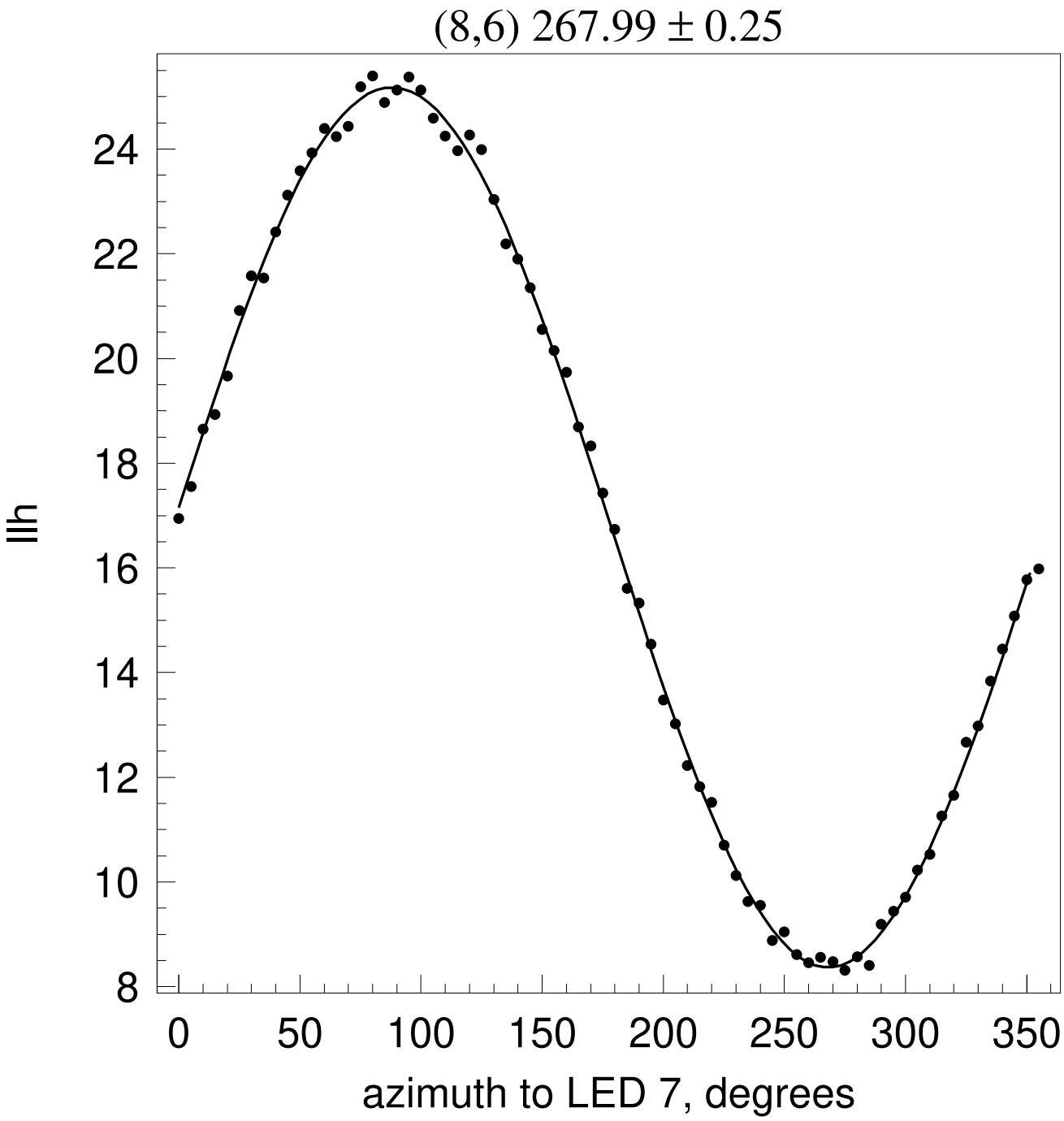

(8,1) 250.34 ± 0.15
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

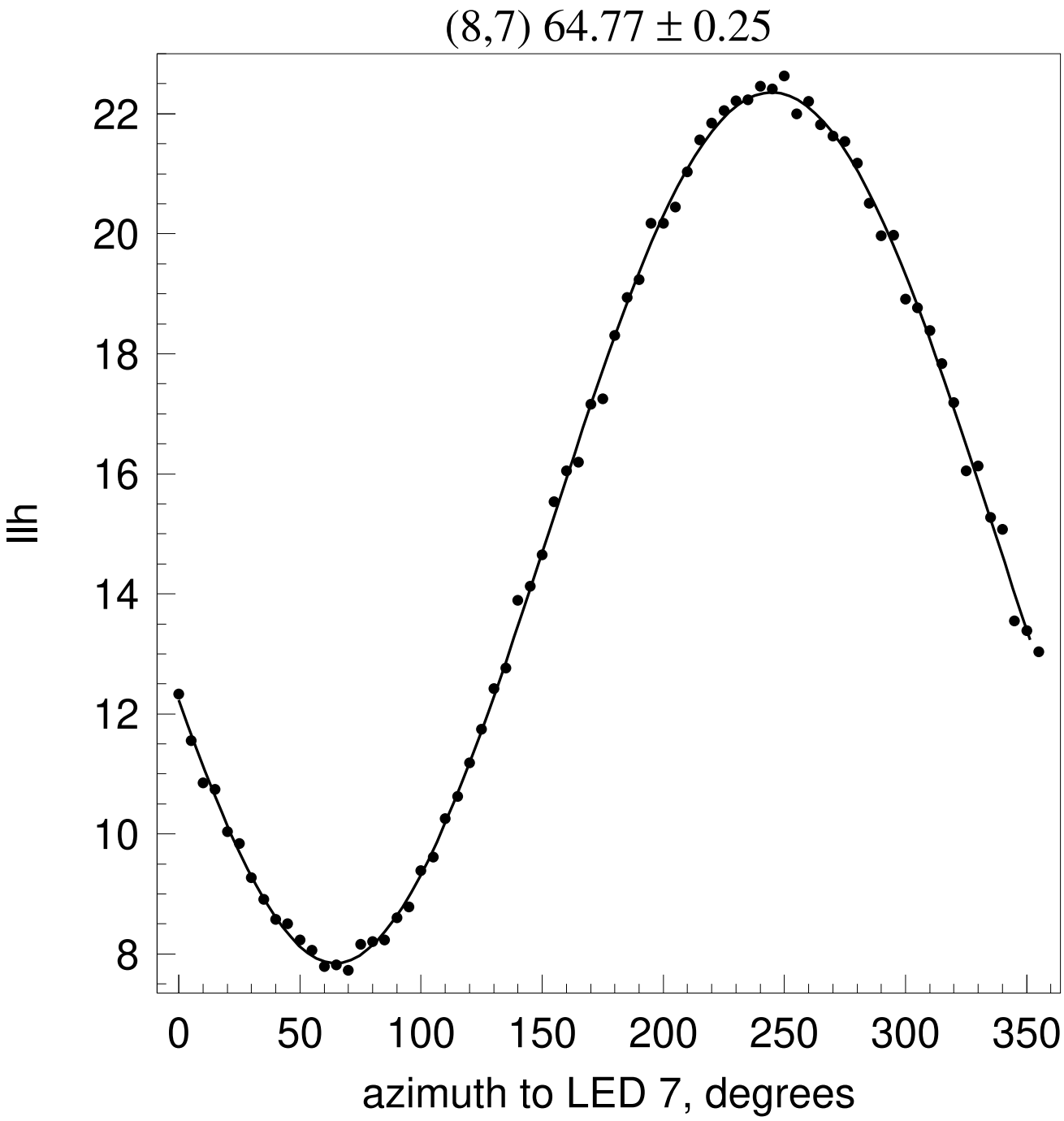

(8,2) 204.61 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

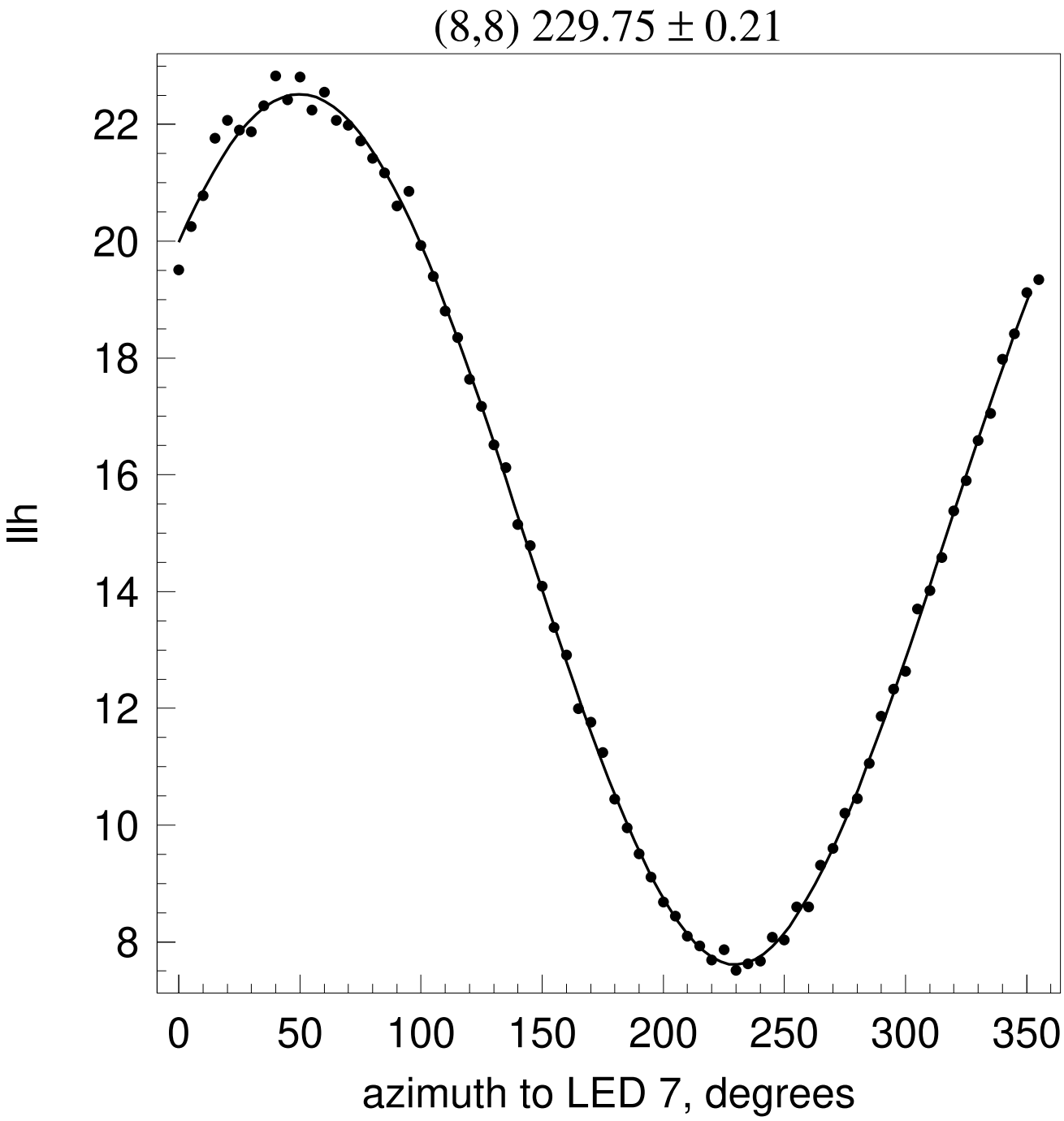

(8,3) 251.93 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

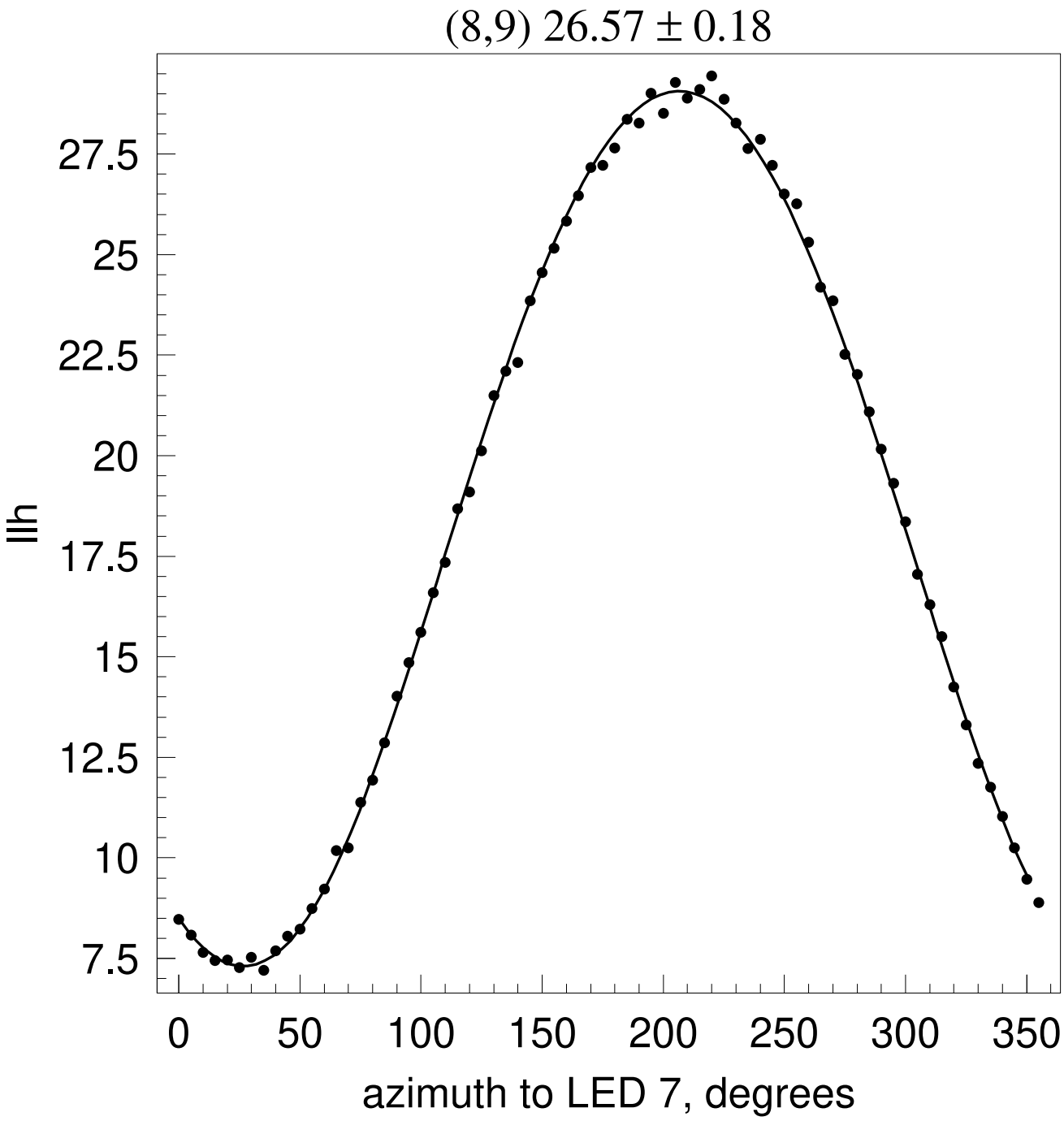

(8,4) 186.47 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

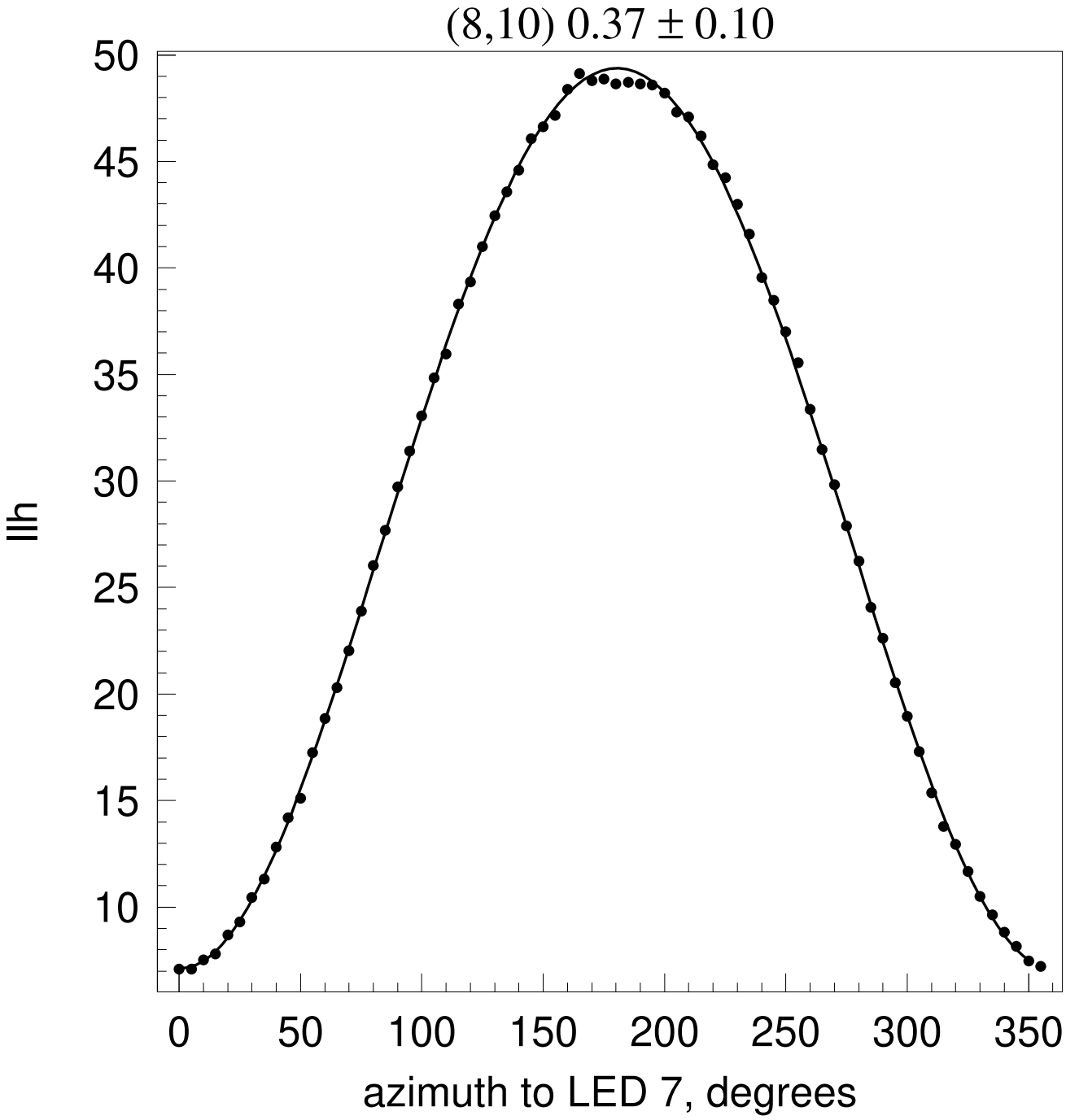

(8,5) 57.51 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

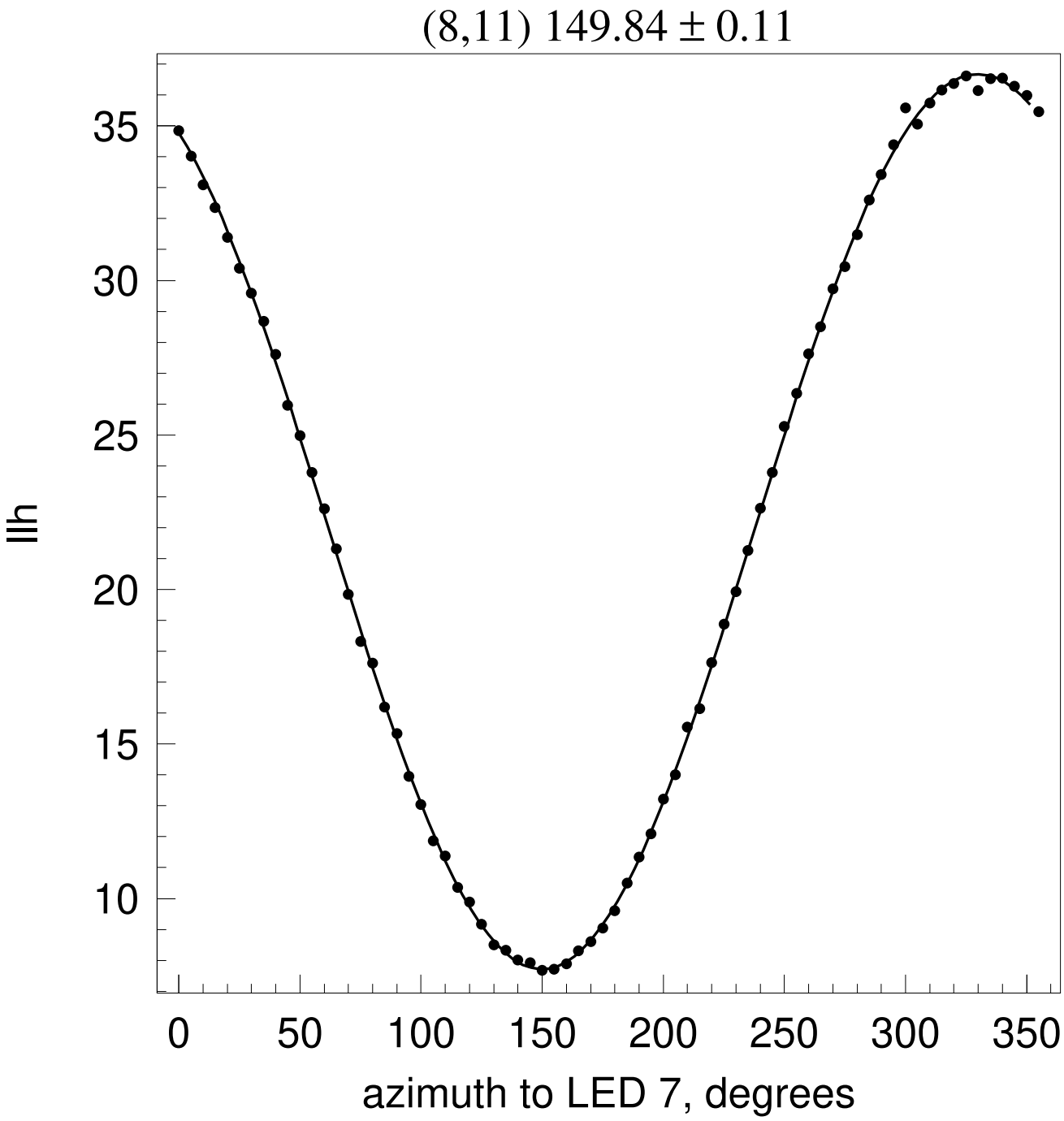

(8,6) 267.99 ± 0.25
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

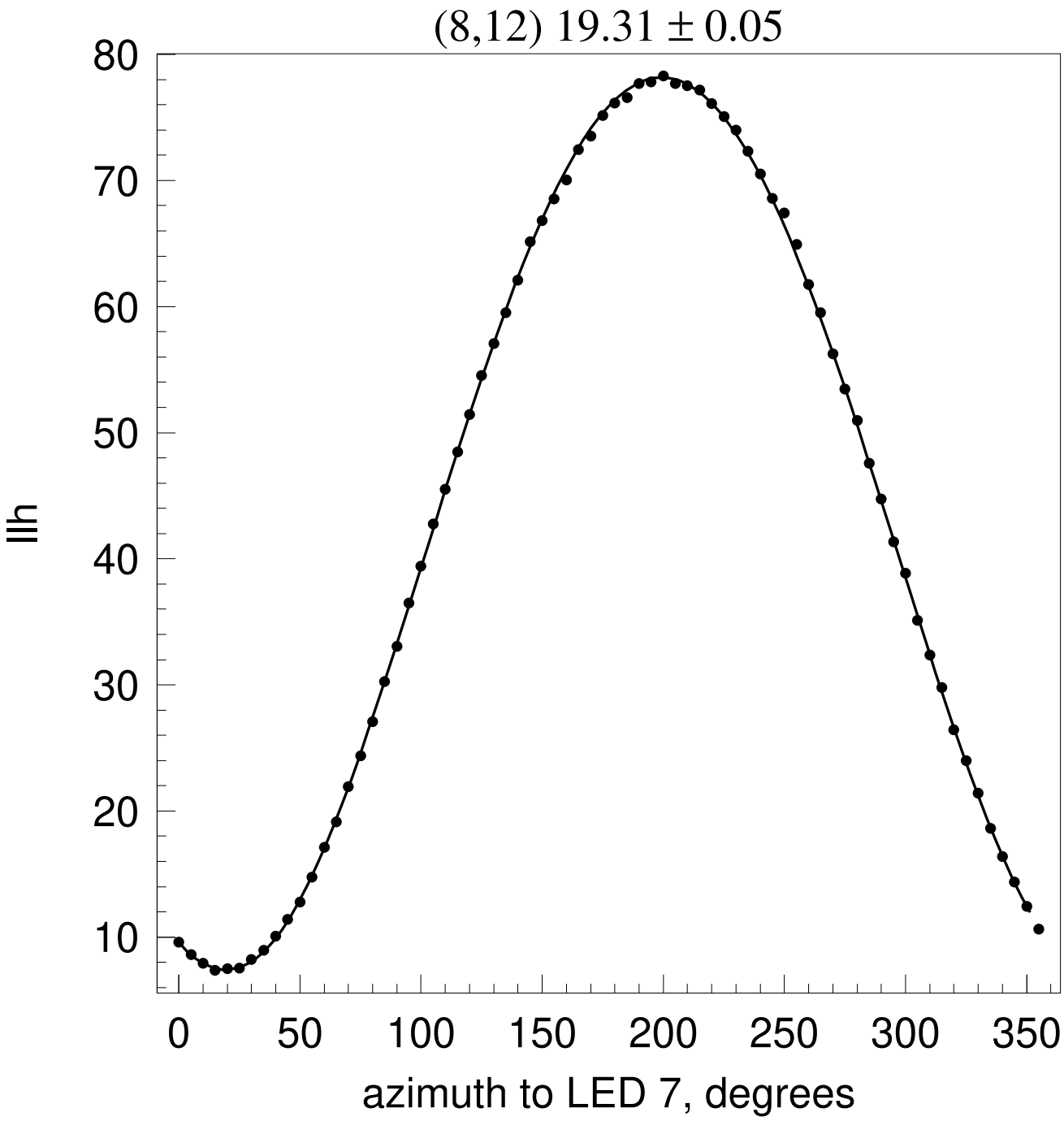

(8,7) 64.77 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

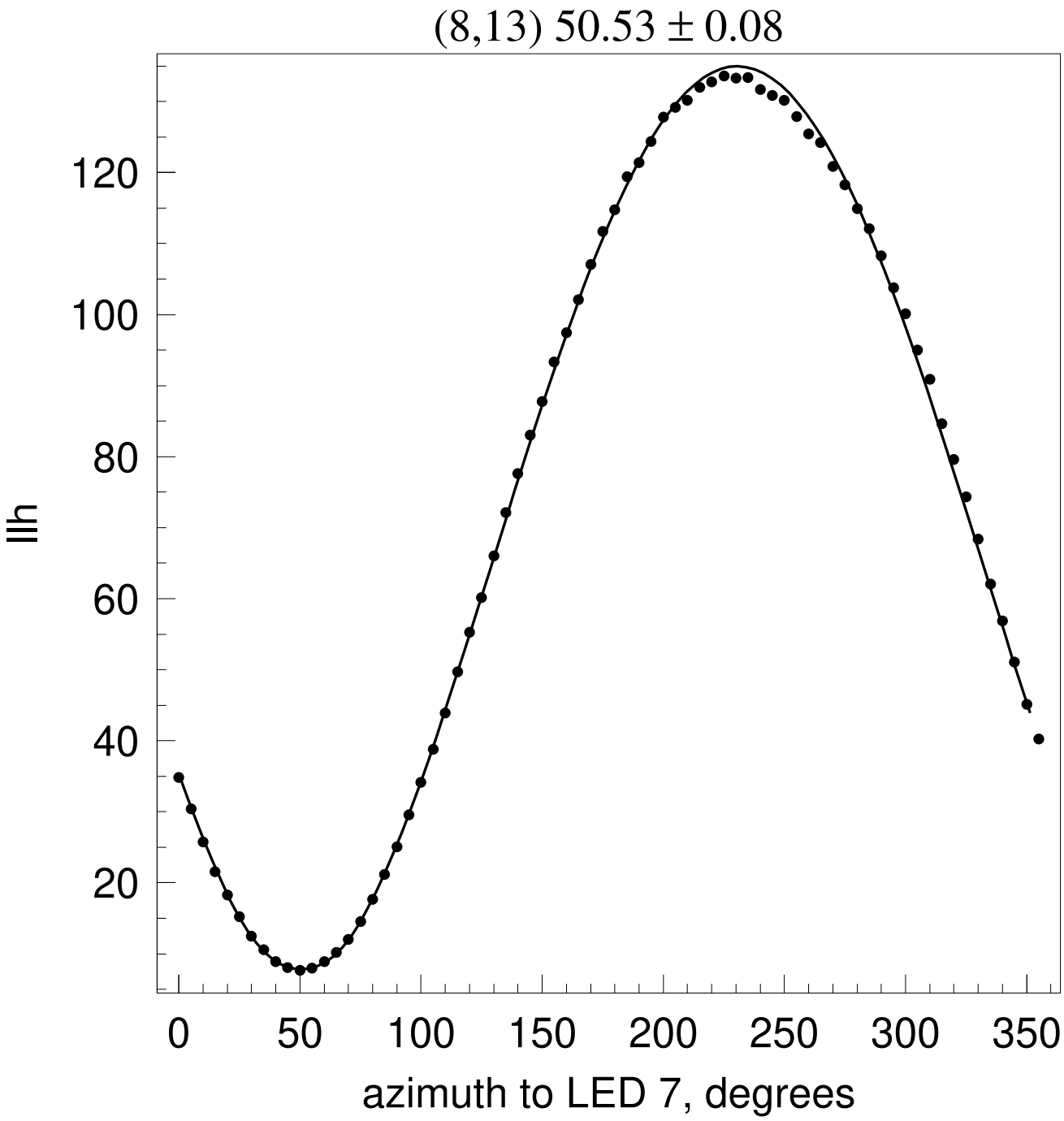

(8,8) 229.75 ± 0.21
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

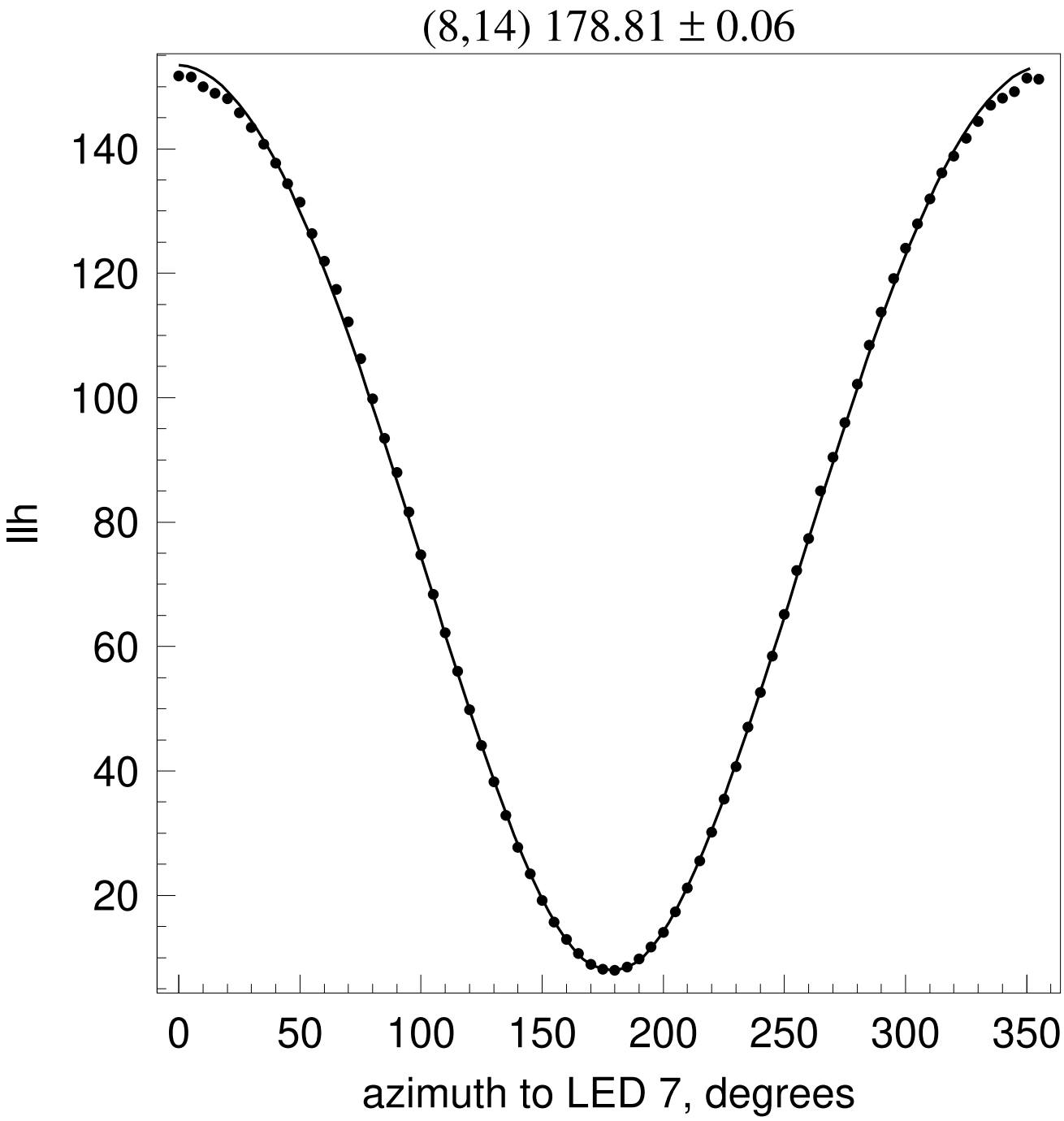

(8,9) 26.57 ± 0.18
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

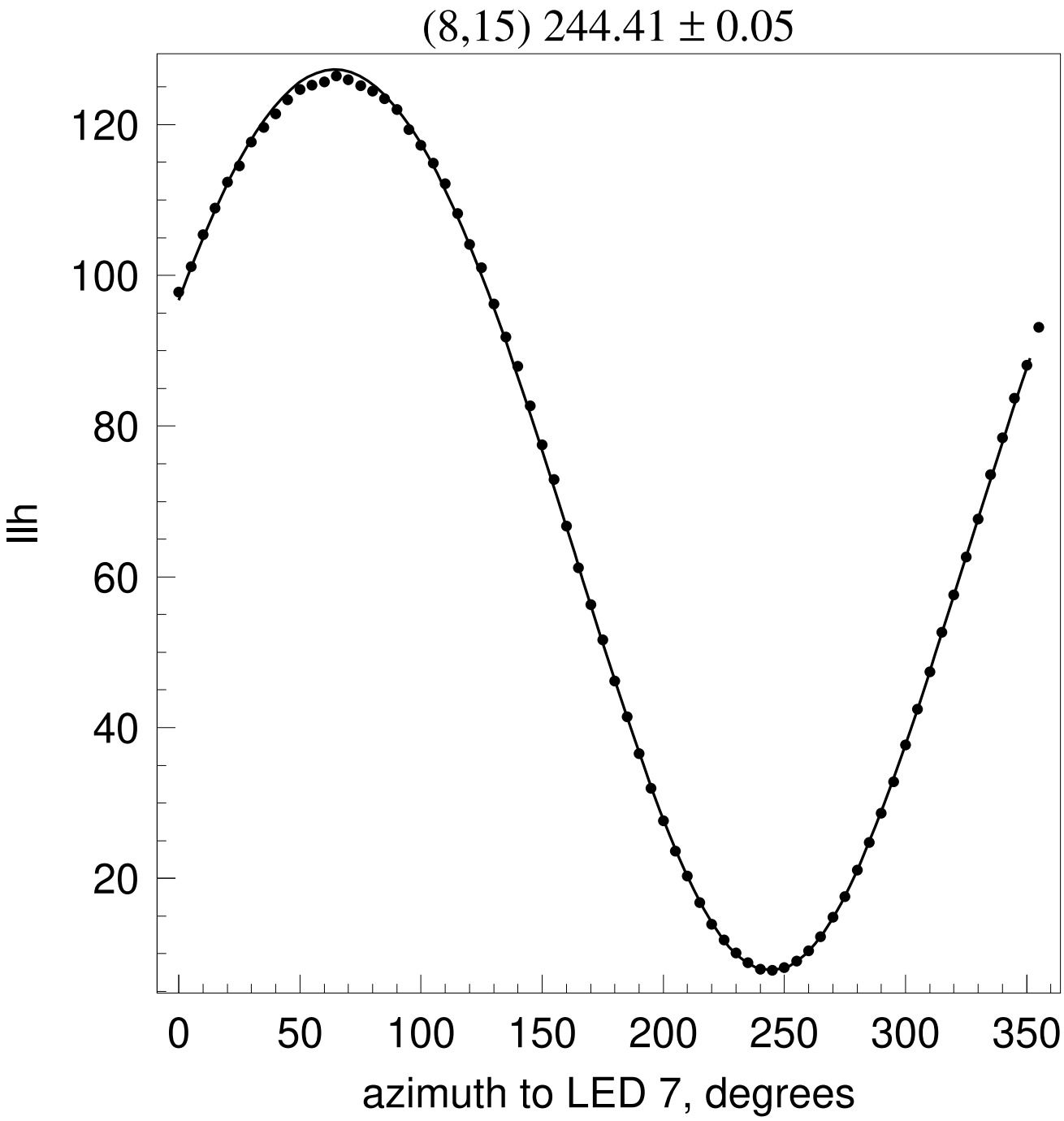

(8,10) 0.37 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

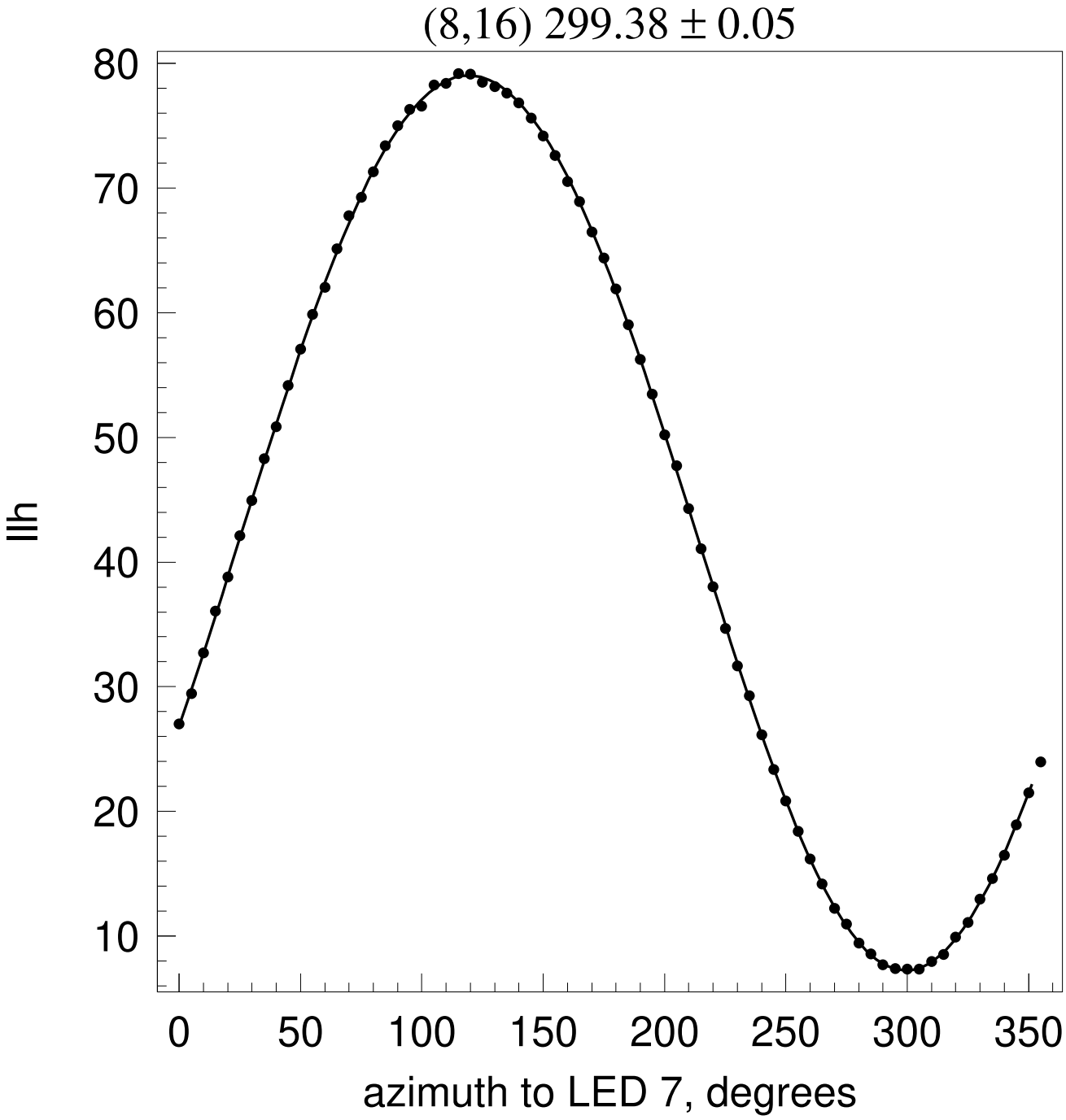

(8,11) 149.84 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

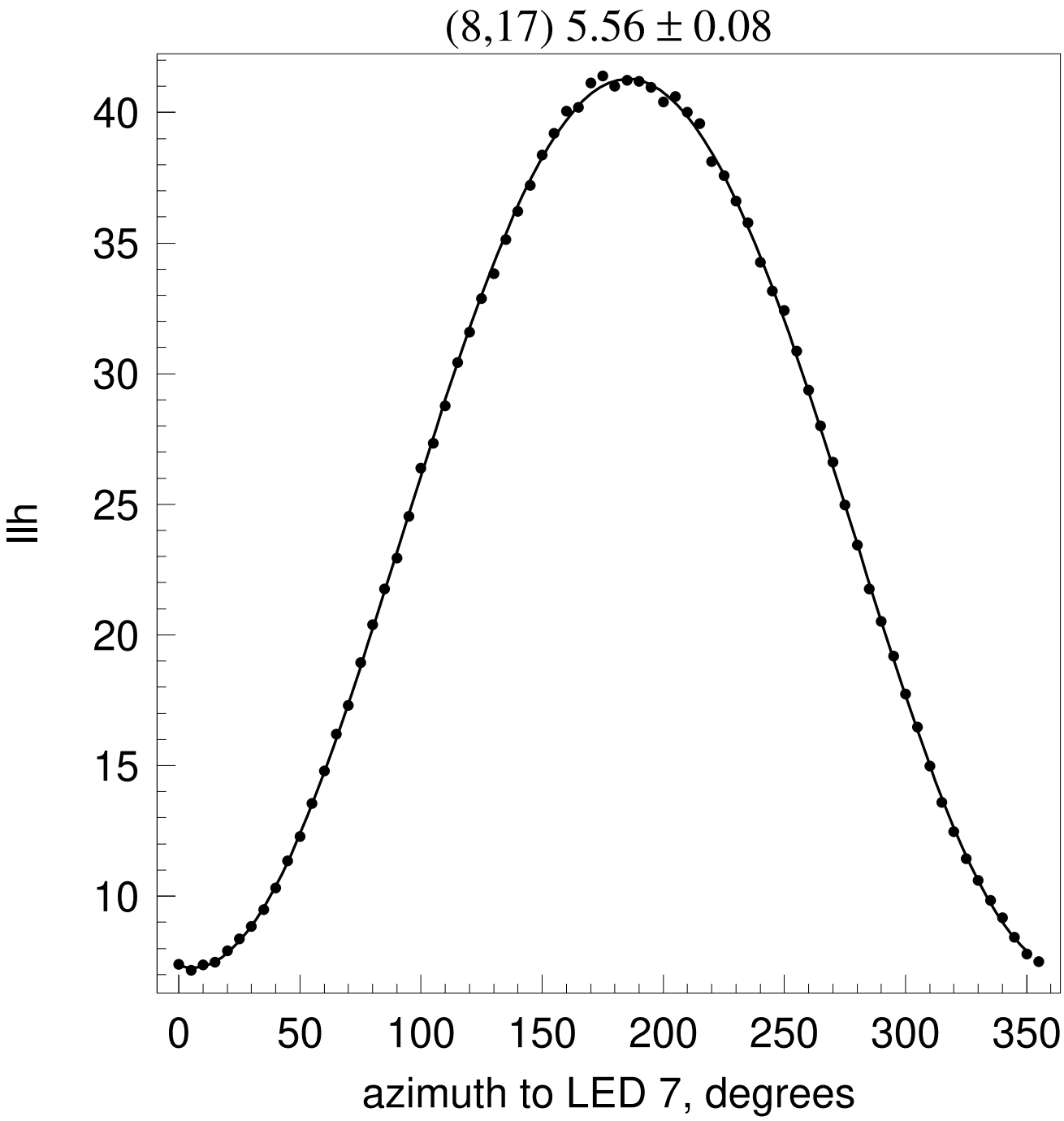

(8,12) 19.31 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

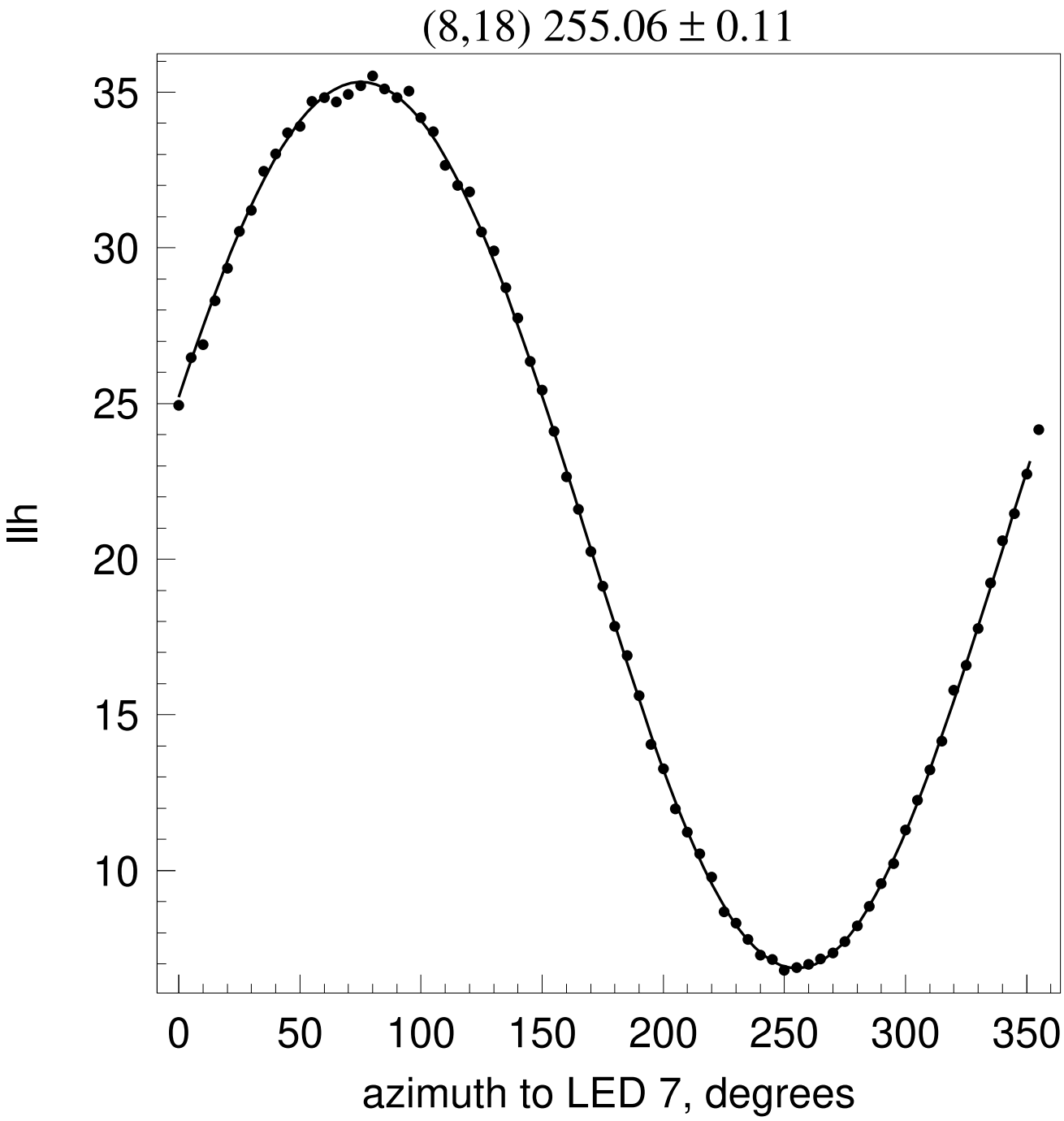

(8,13) 50.53 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

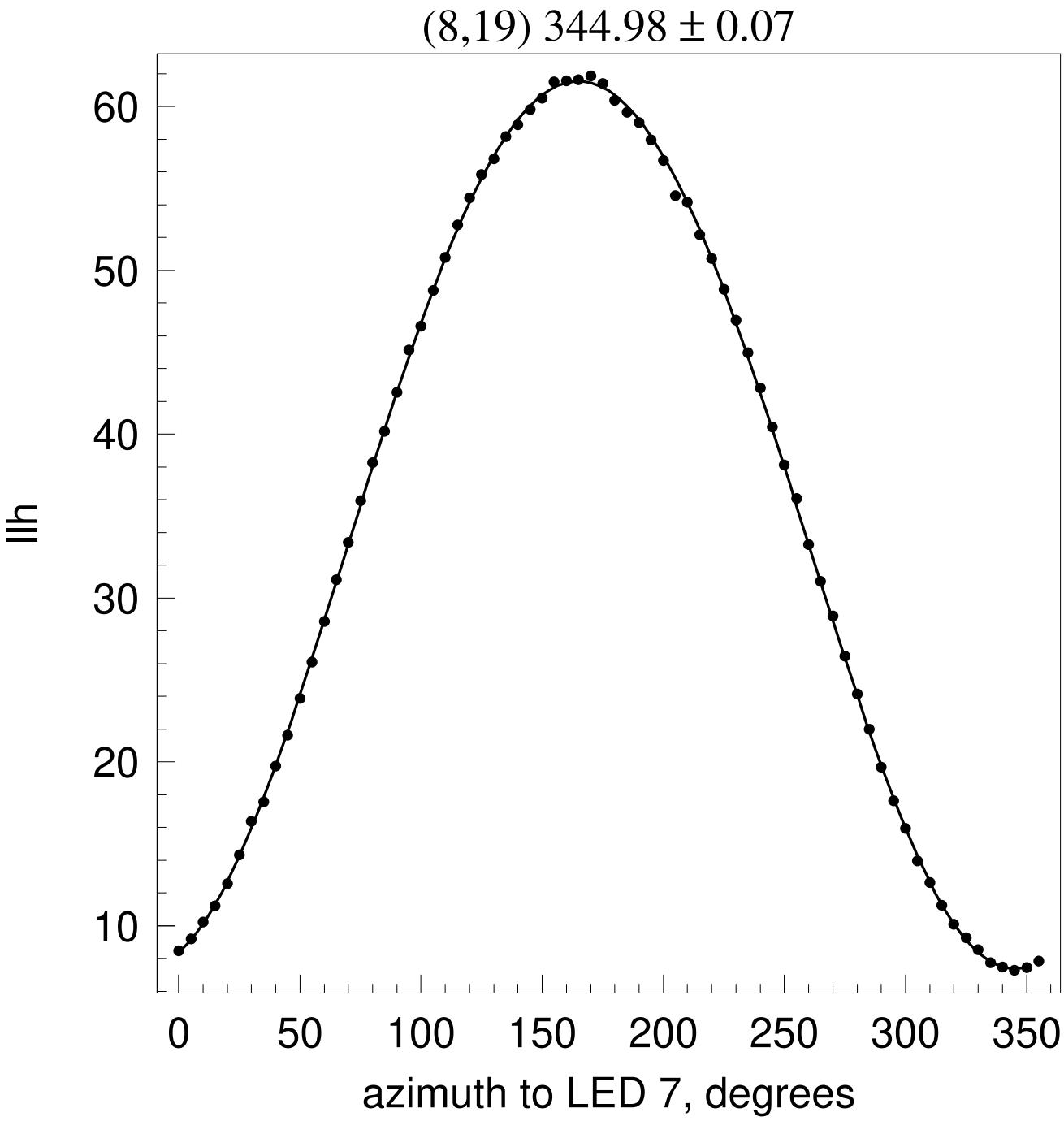

(8,14) 178.81 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

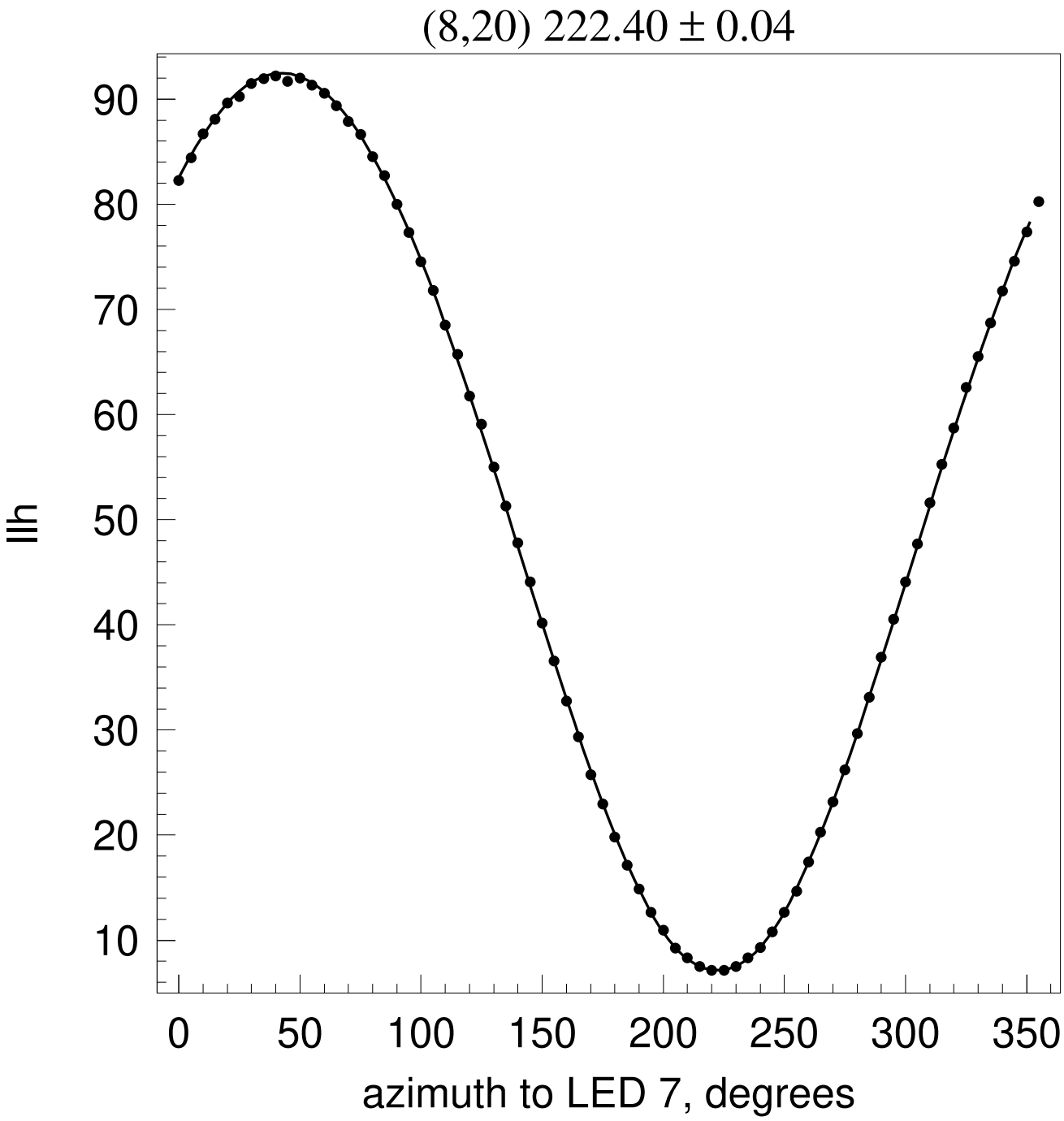

(8,15) 244.41 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

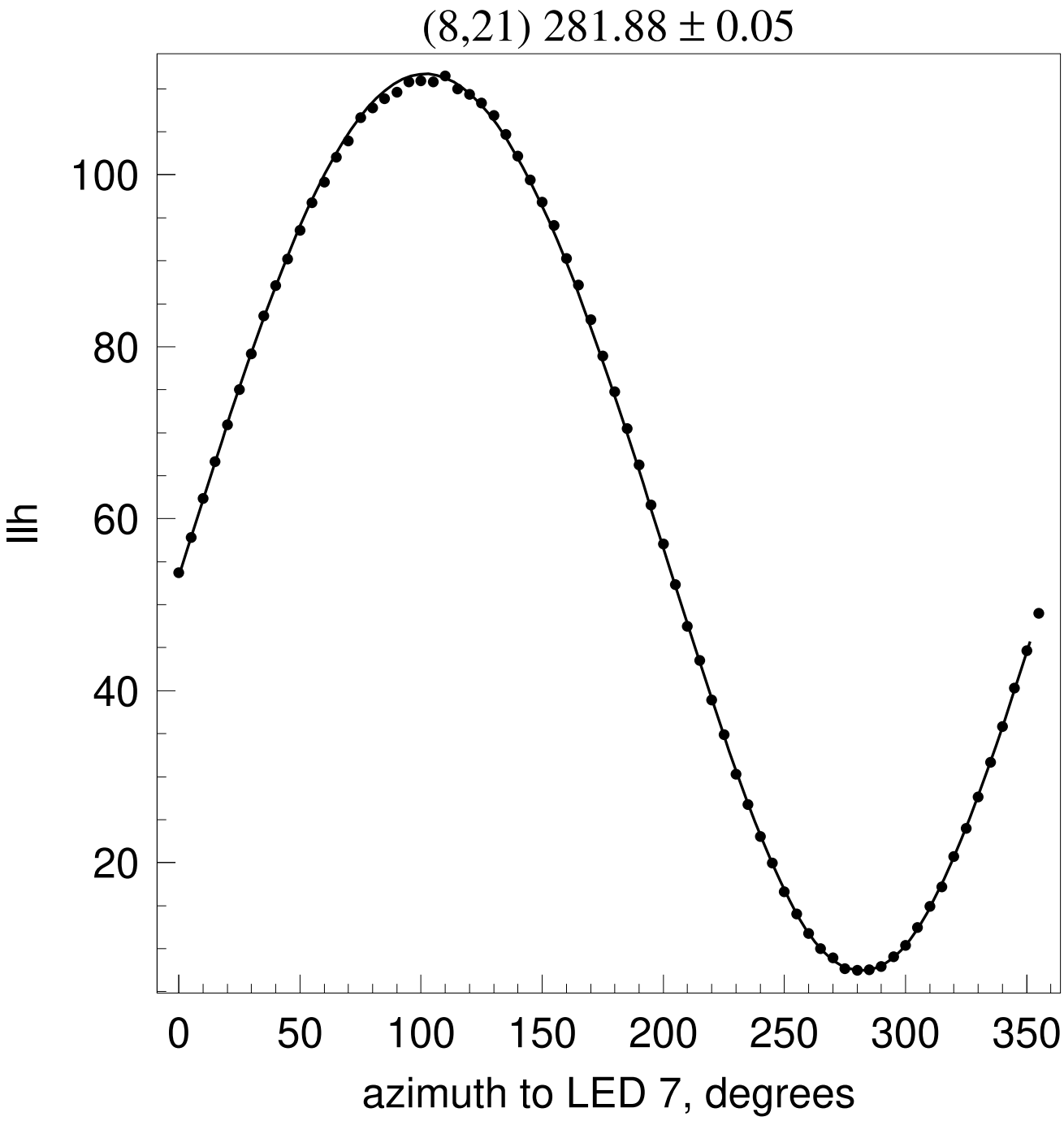

(8,16) 299.38 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

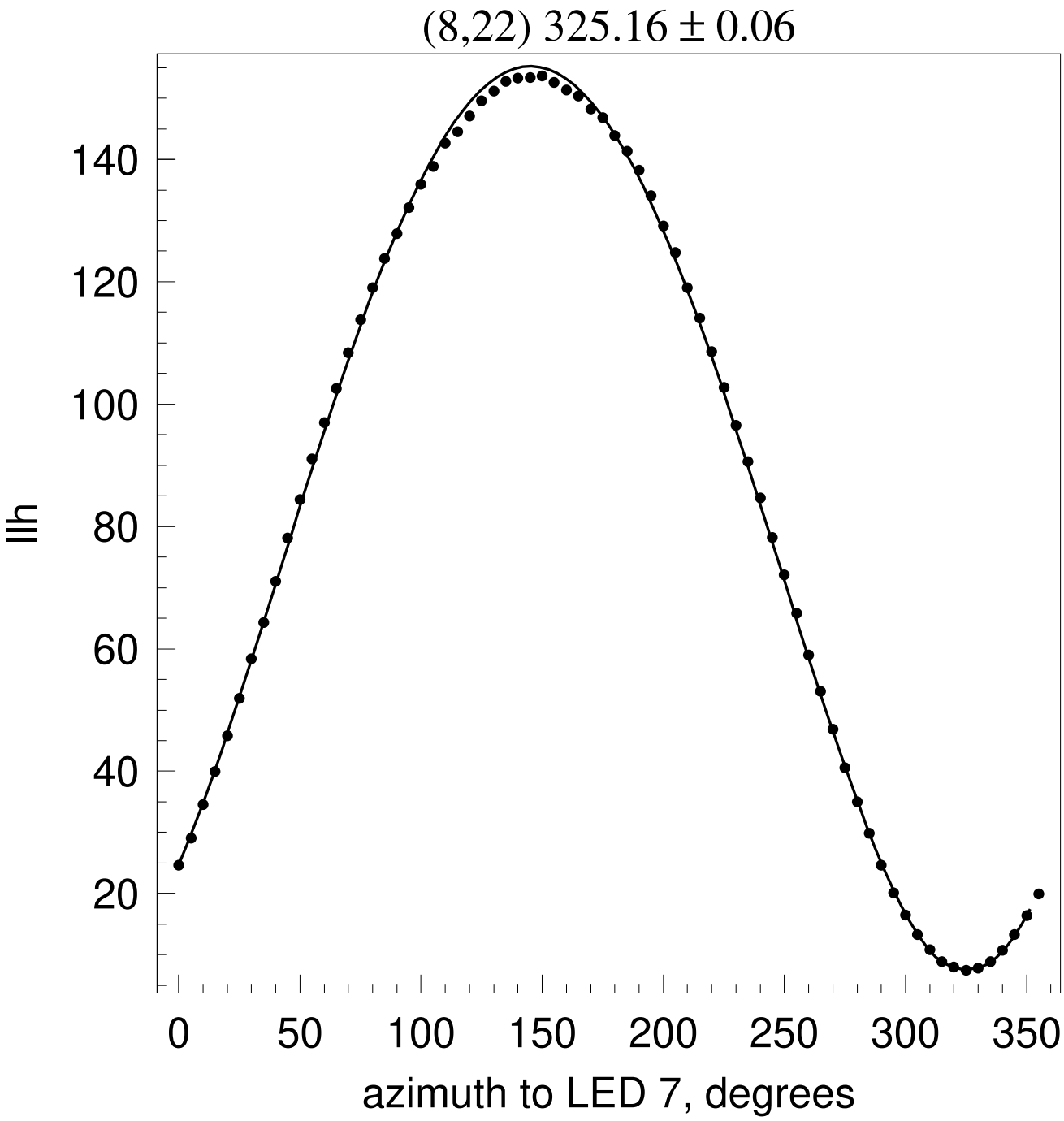

(8,17) 5.56 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

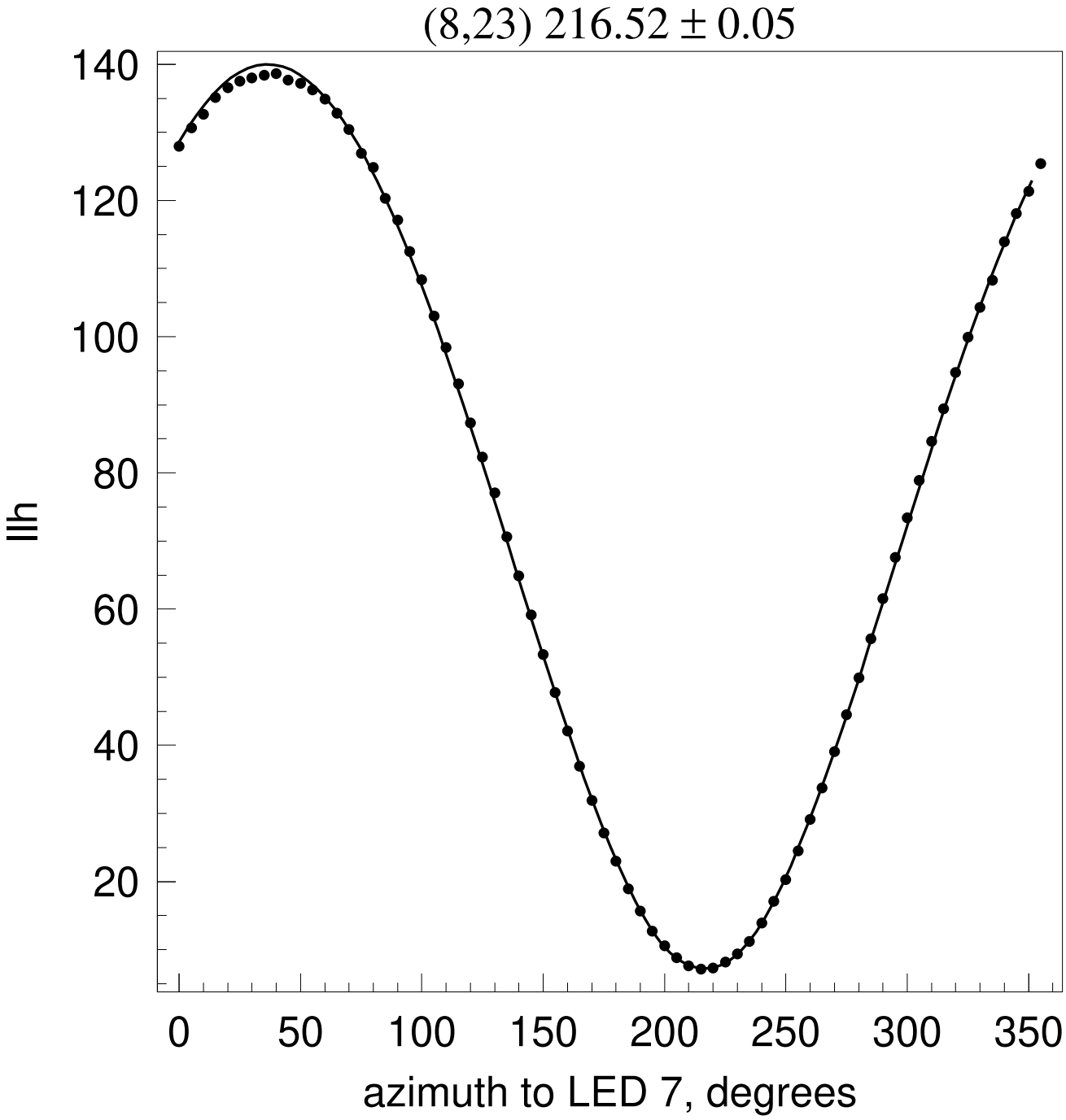

(8,18) 255.06 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

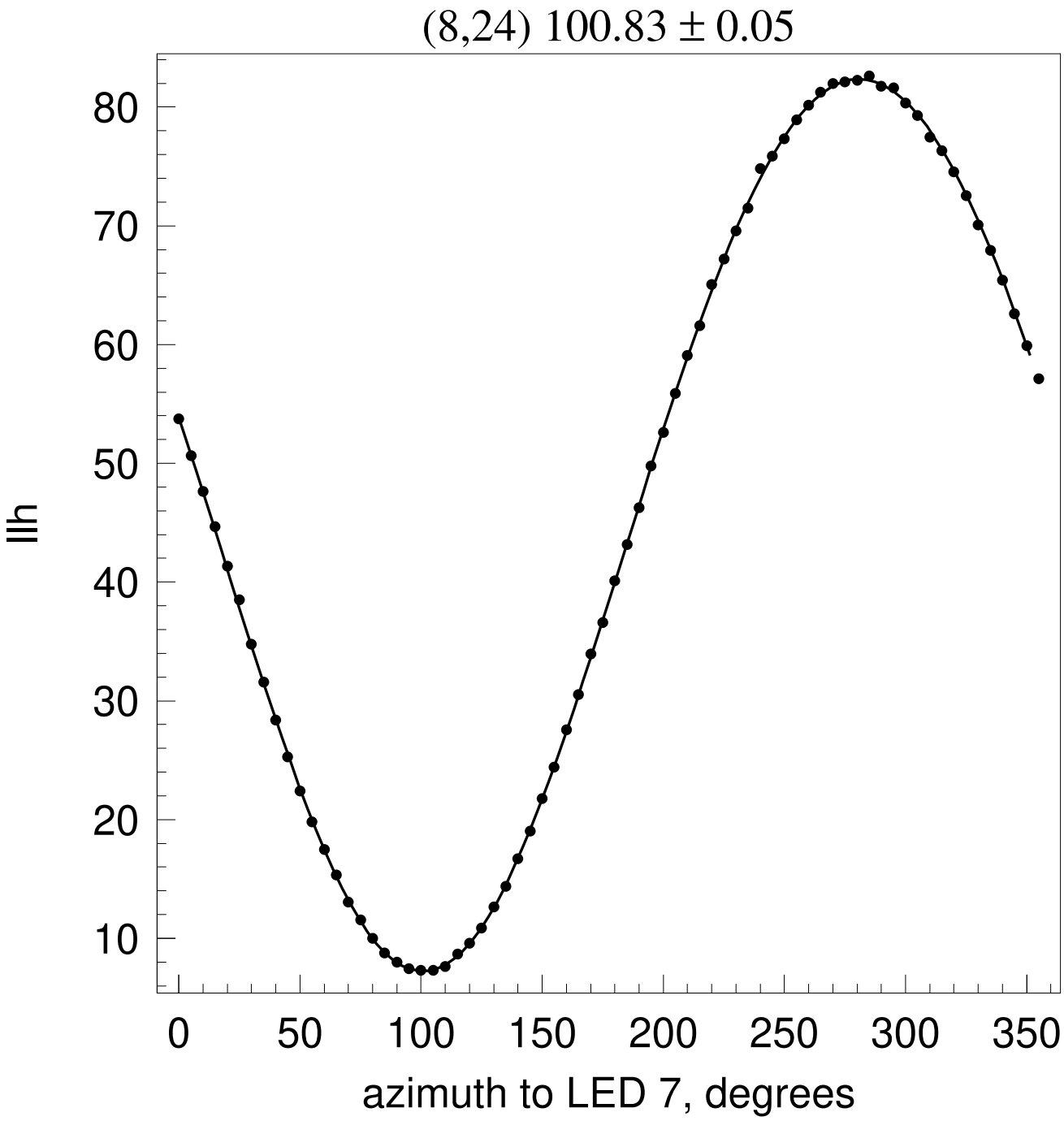

(8,19) 344.98 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

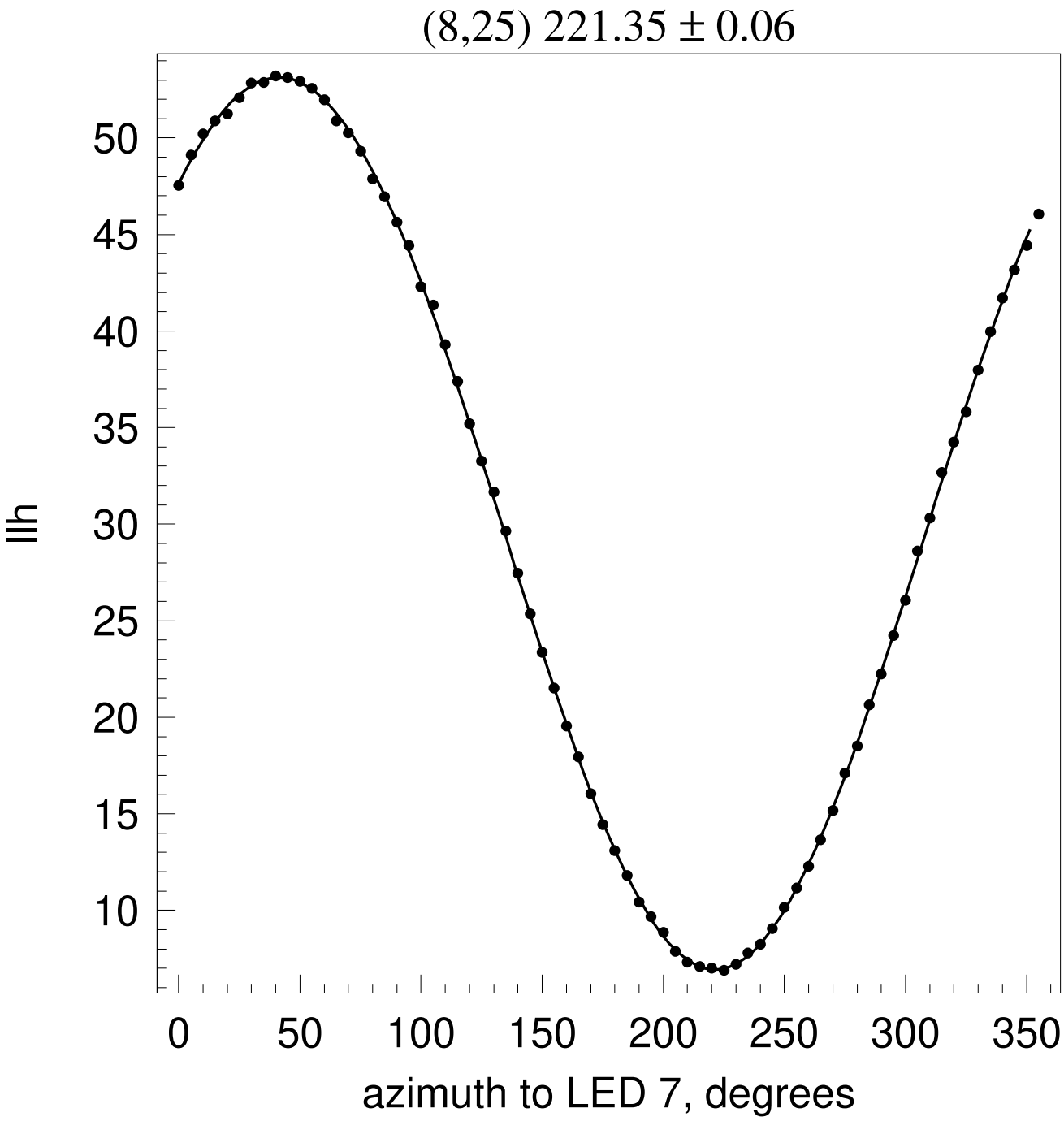

(8,20) 222.40 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

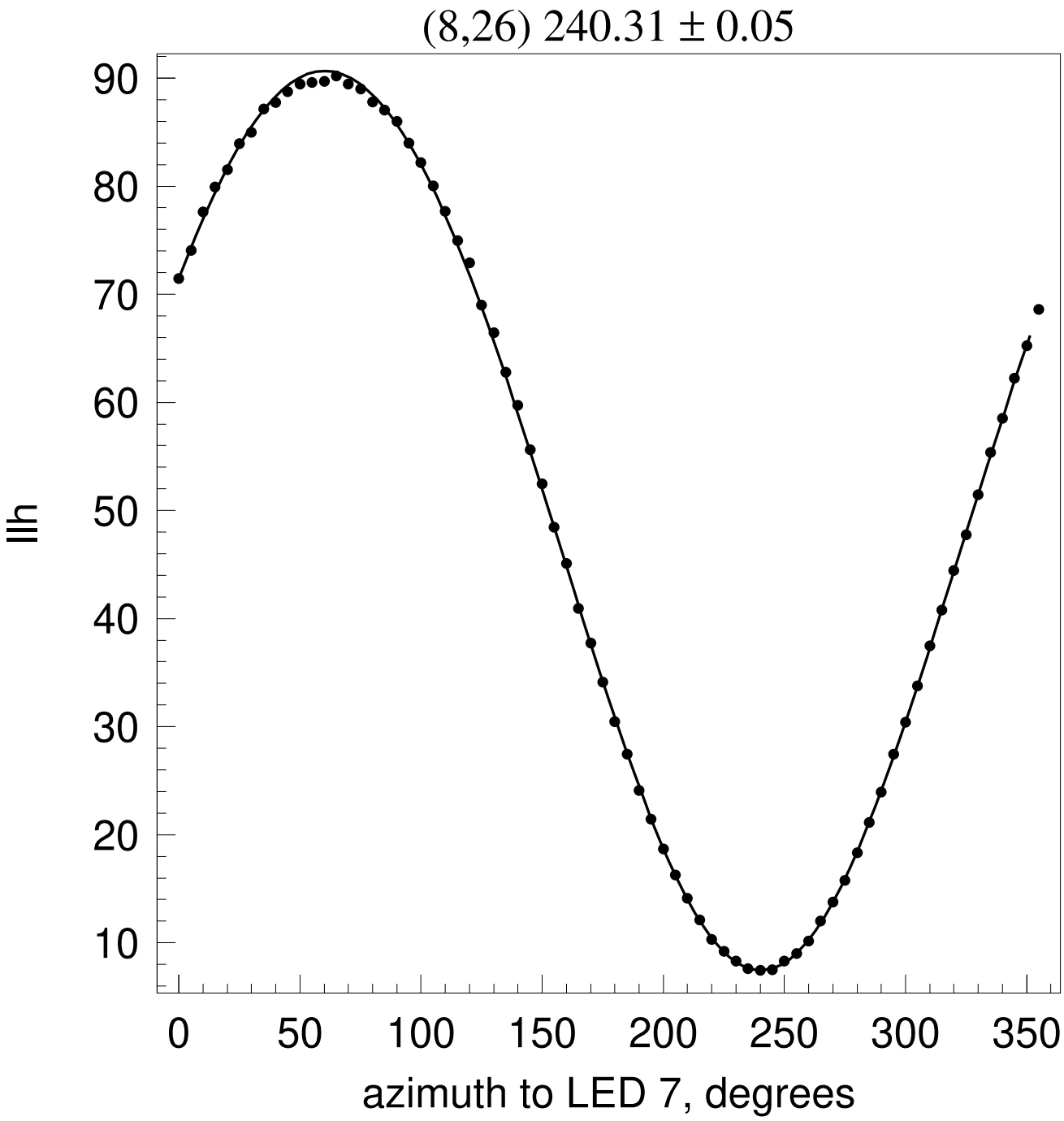

(8,21) 281.88 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

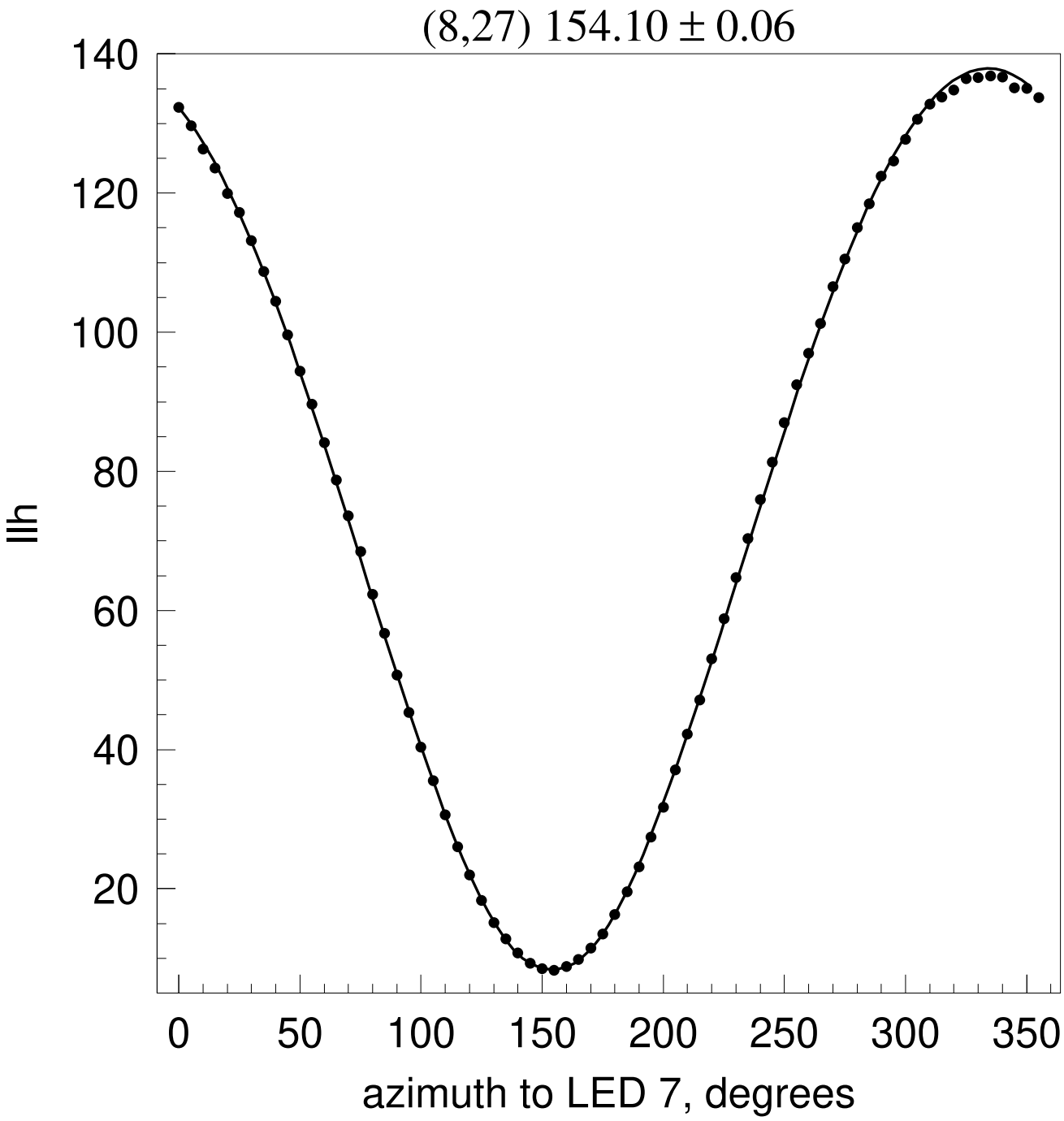

(8,22) 325.16 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

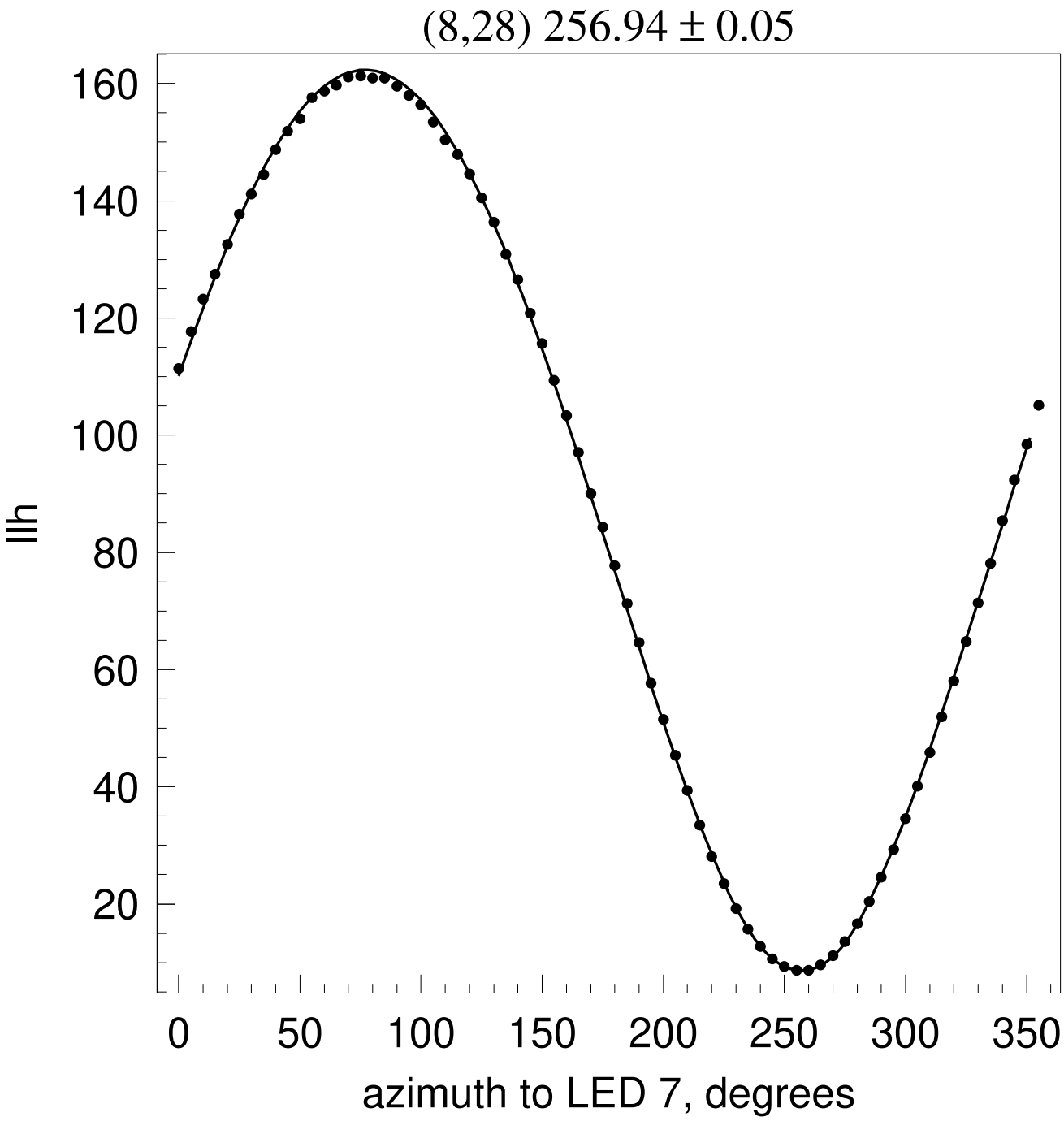

(8,23) 216.52 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

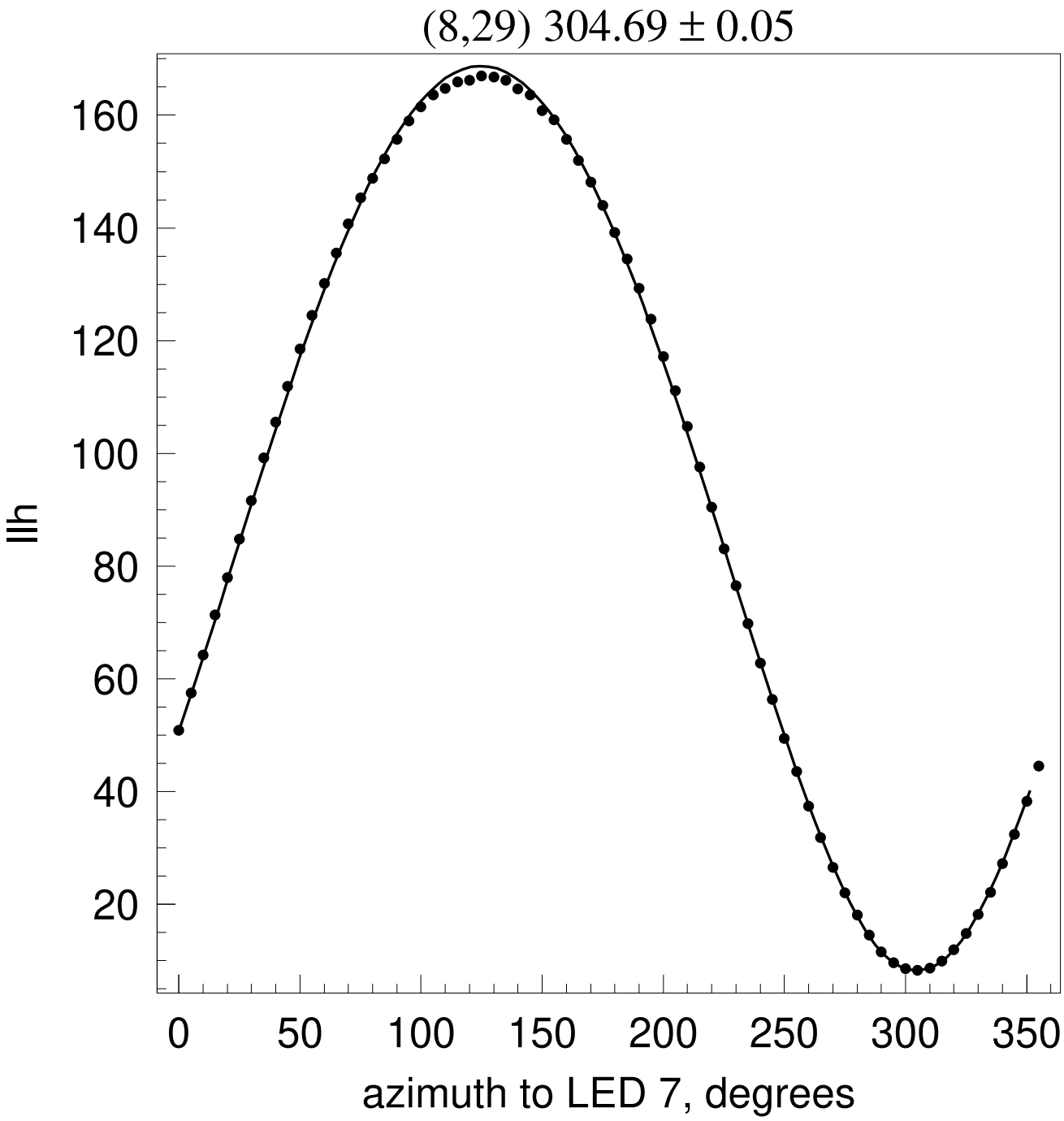

(8,24) 100.83 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

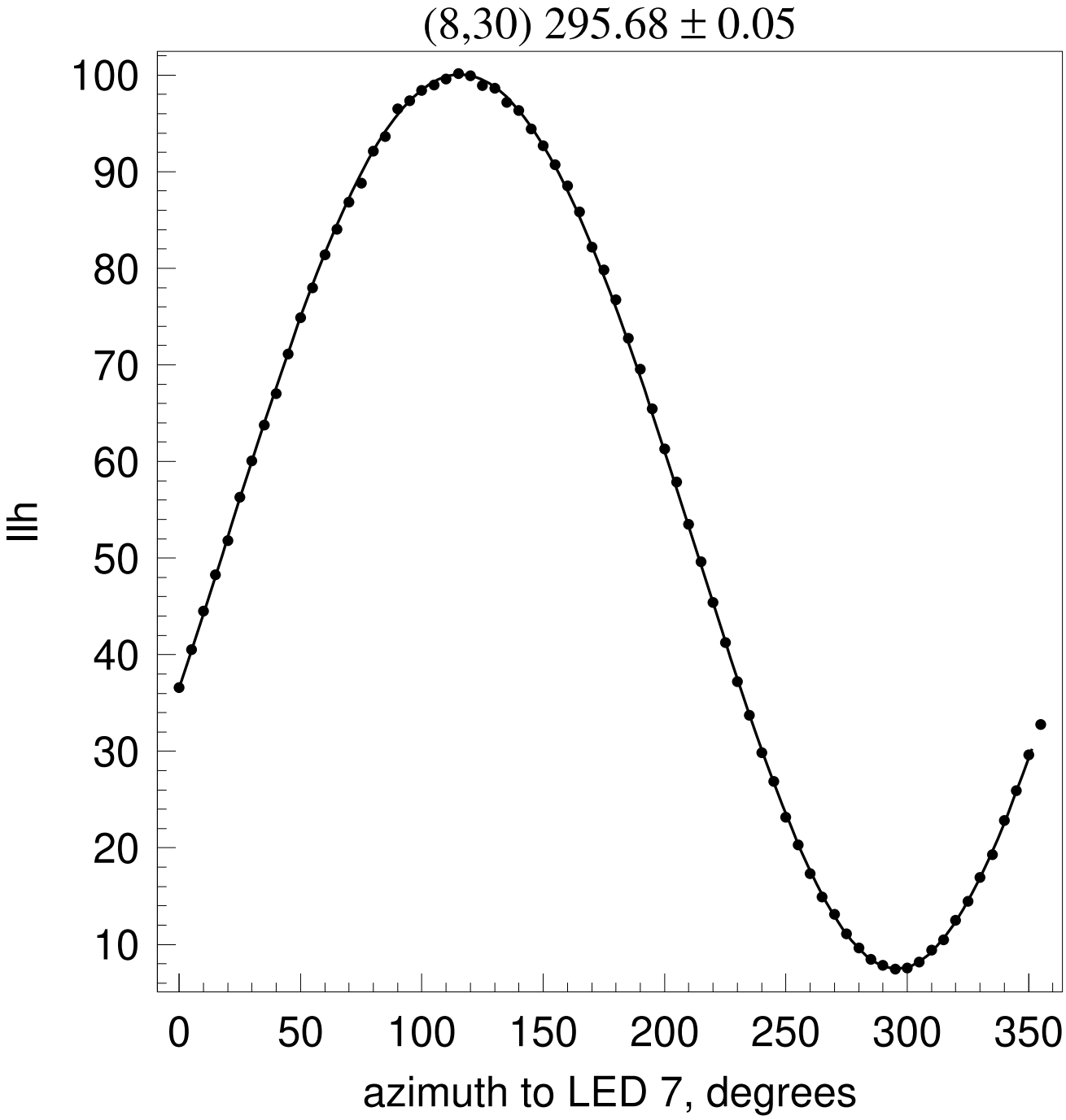

(8,25) 221.35 ± 0.06
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

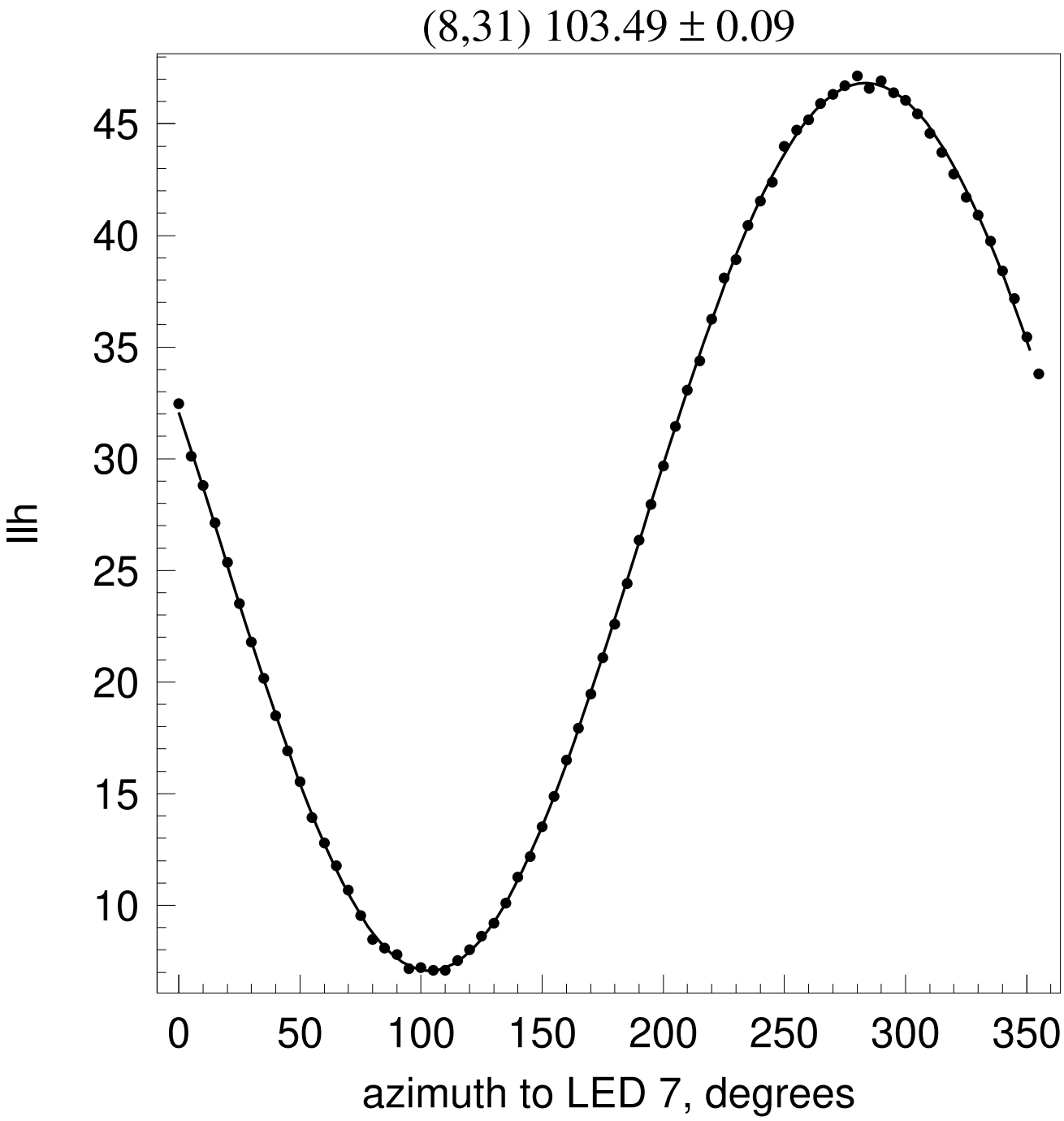

(8,26) 240.31 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

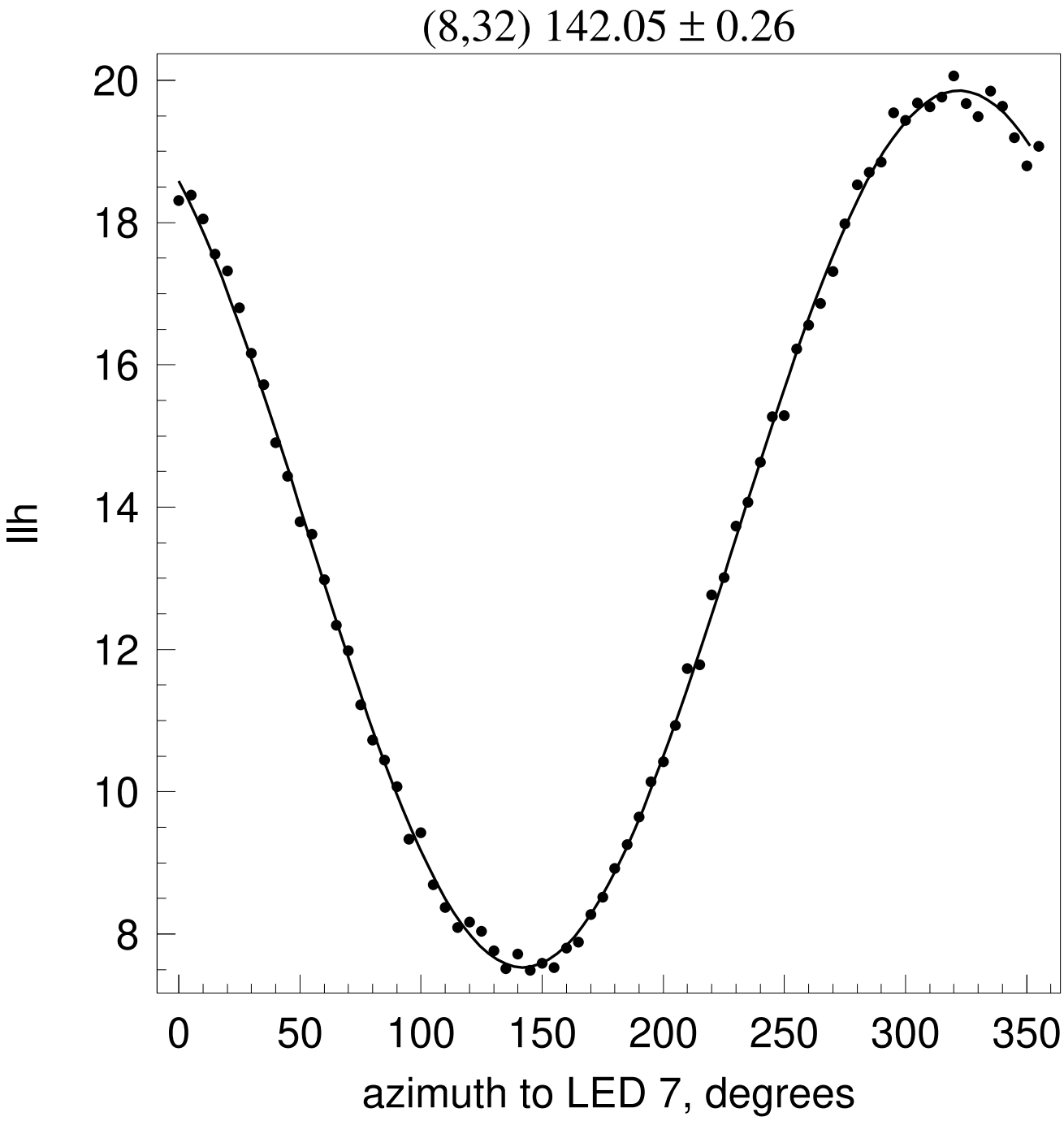

(8,27) 154.10 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

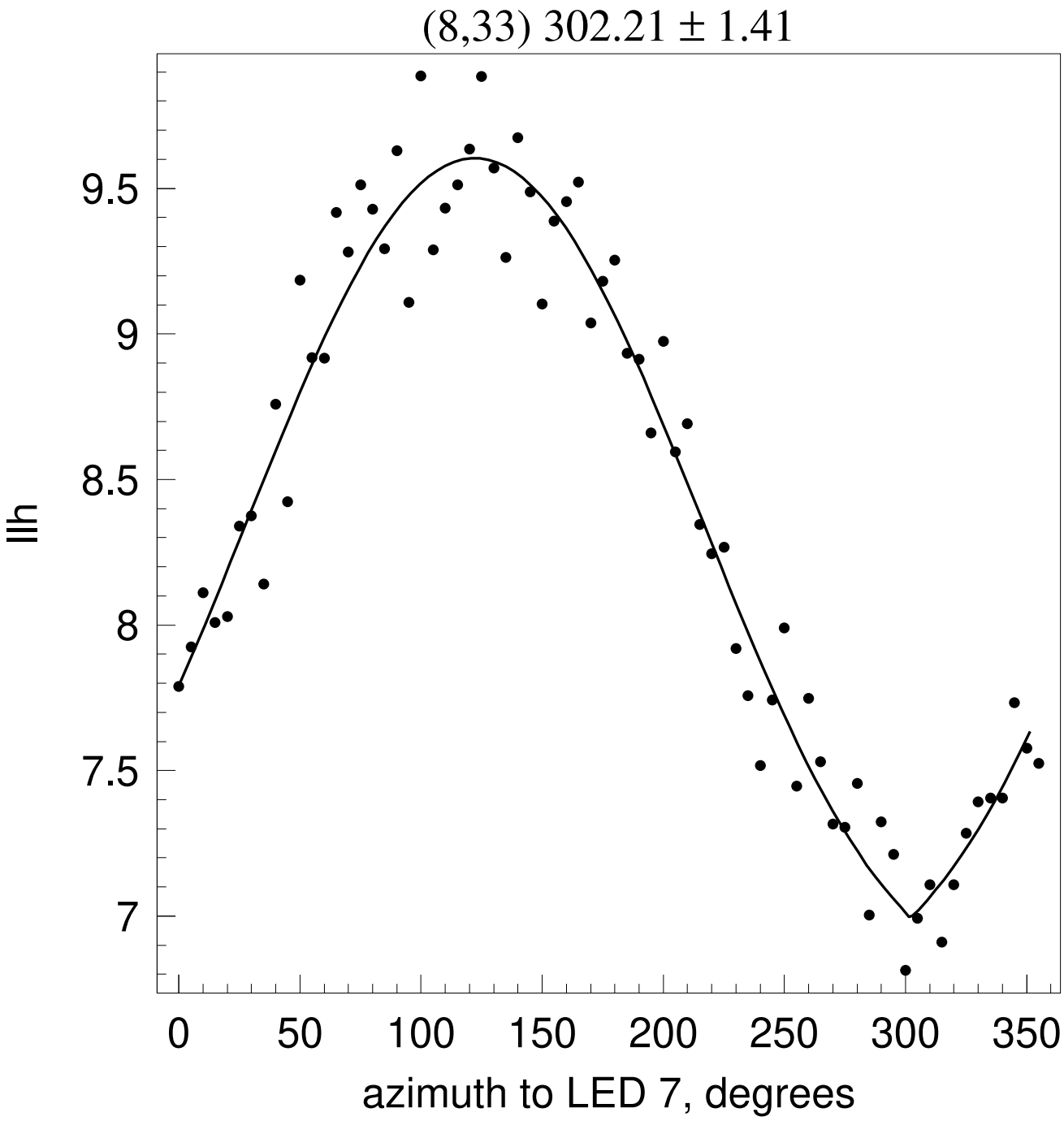

(8,28) 256.94 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

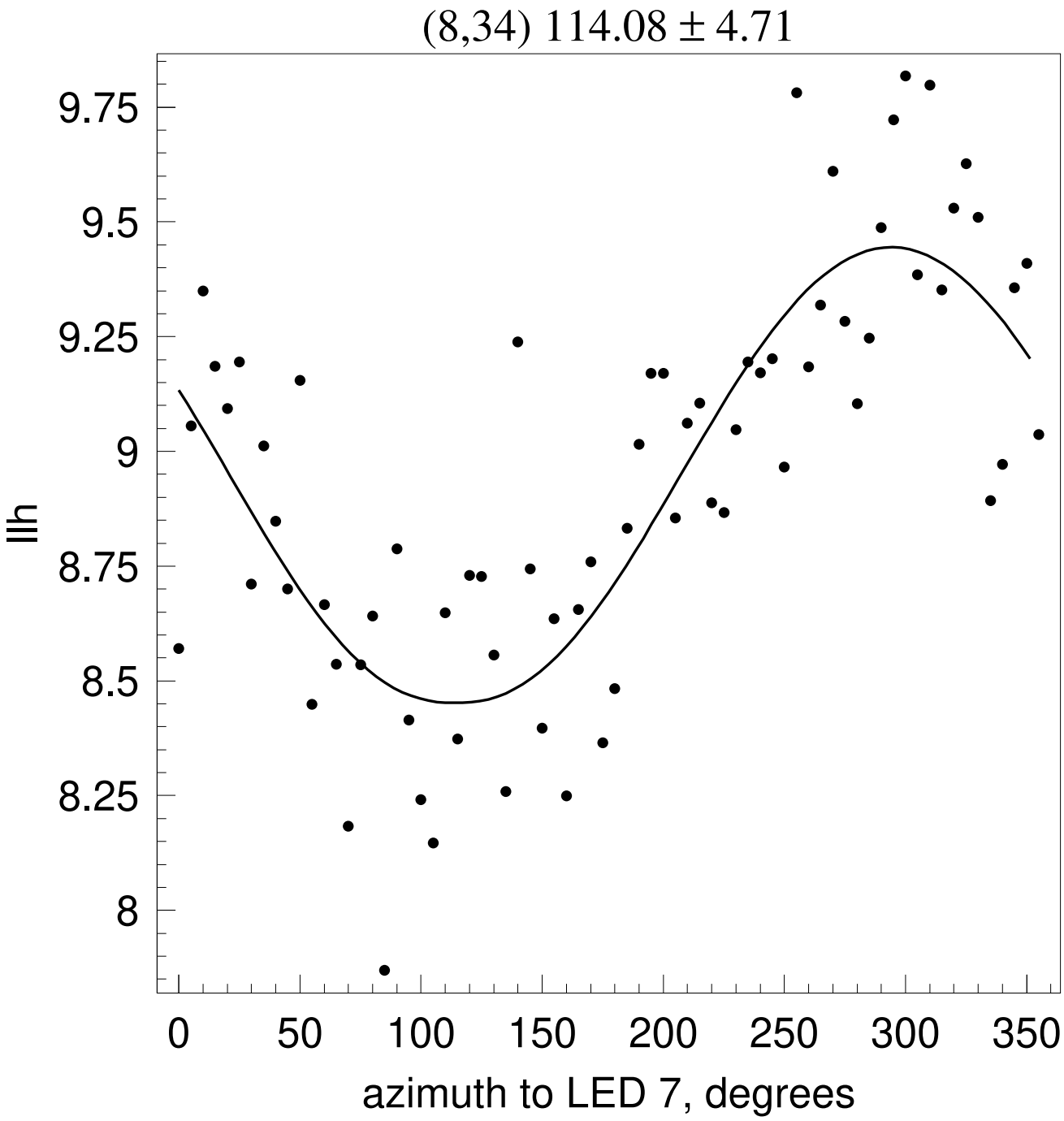

(8,29) 304.69 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

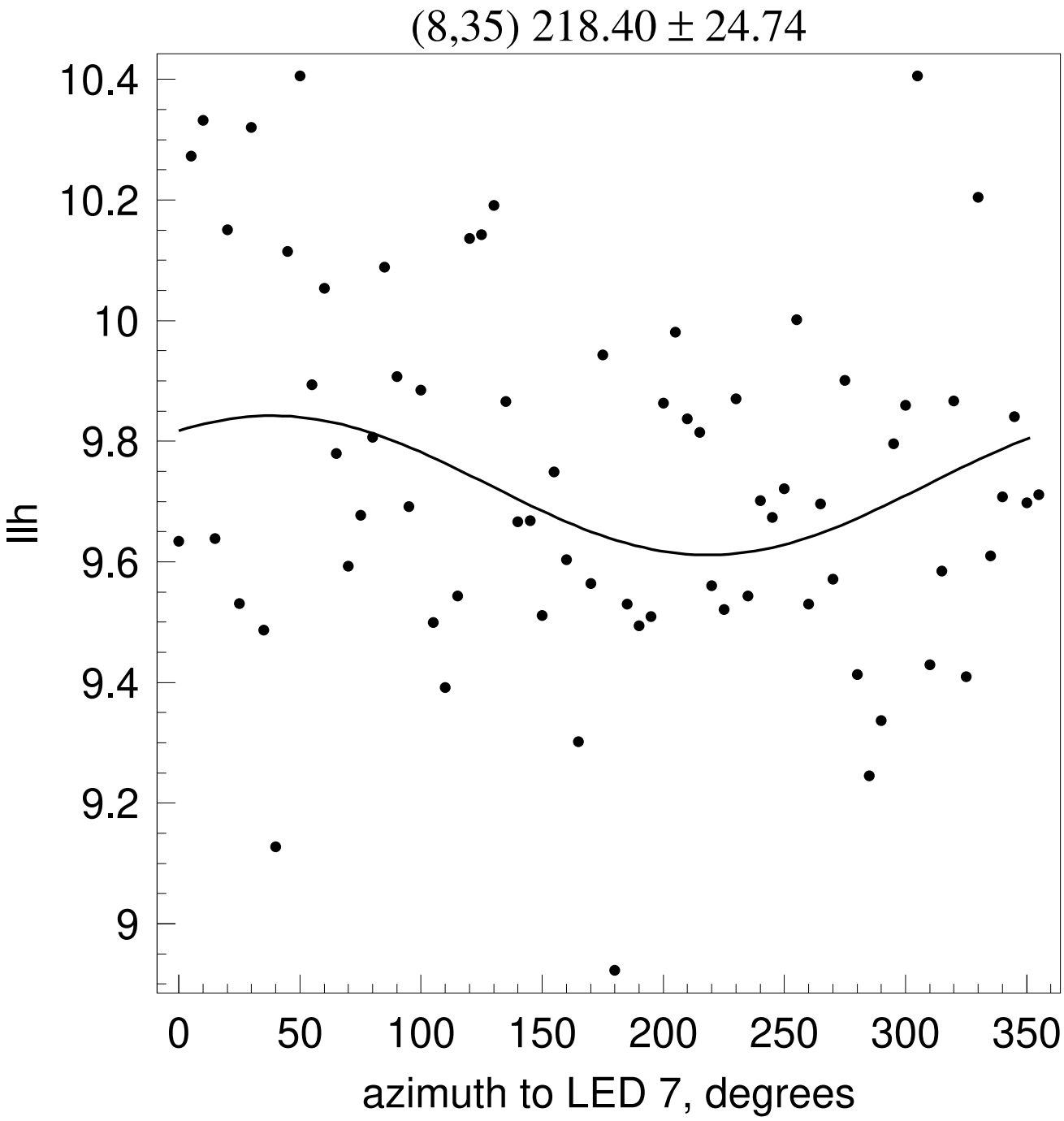

(8,30) 295.68 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

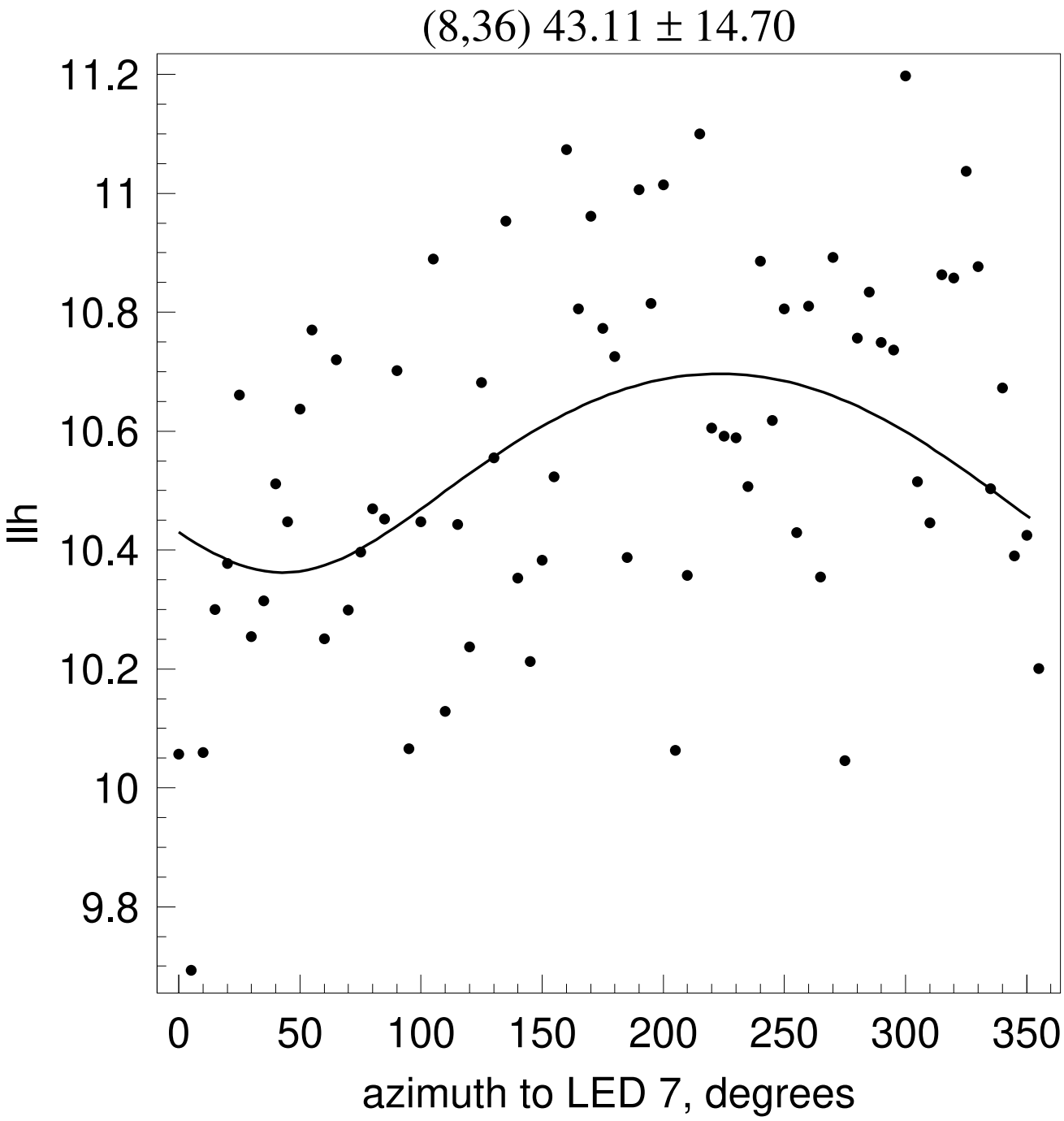

(8,31) 103.49 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

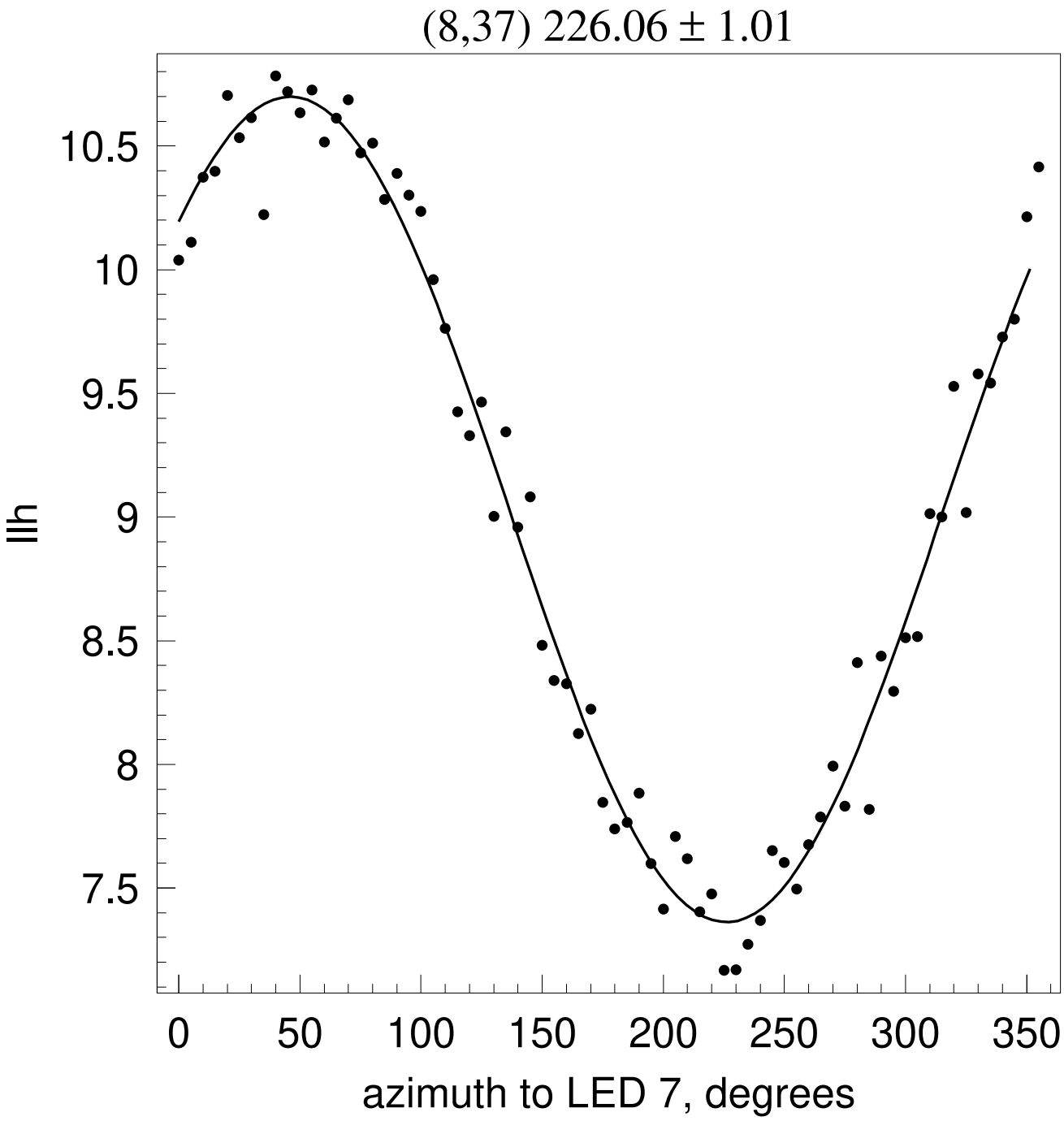

(8,32) 142.05 ± 0.26
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

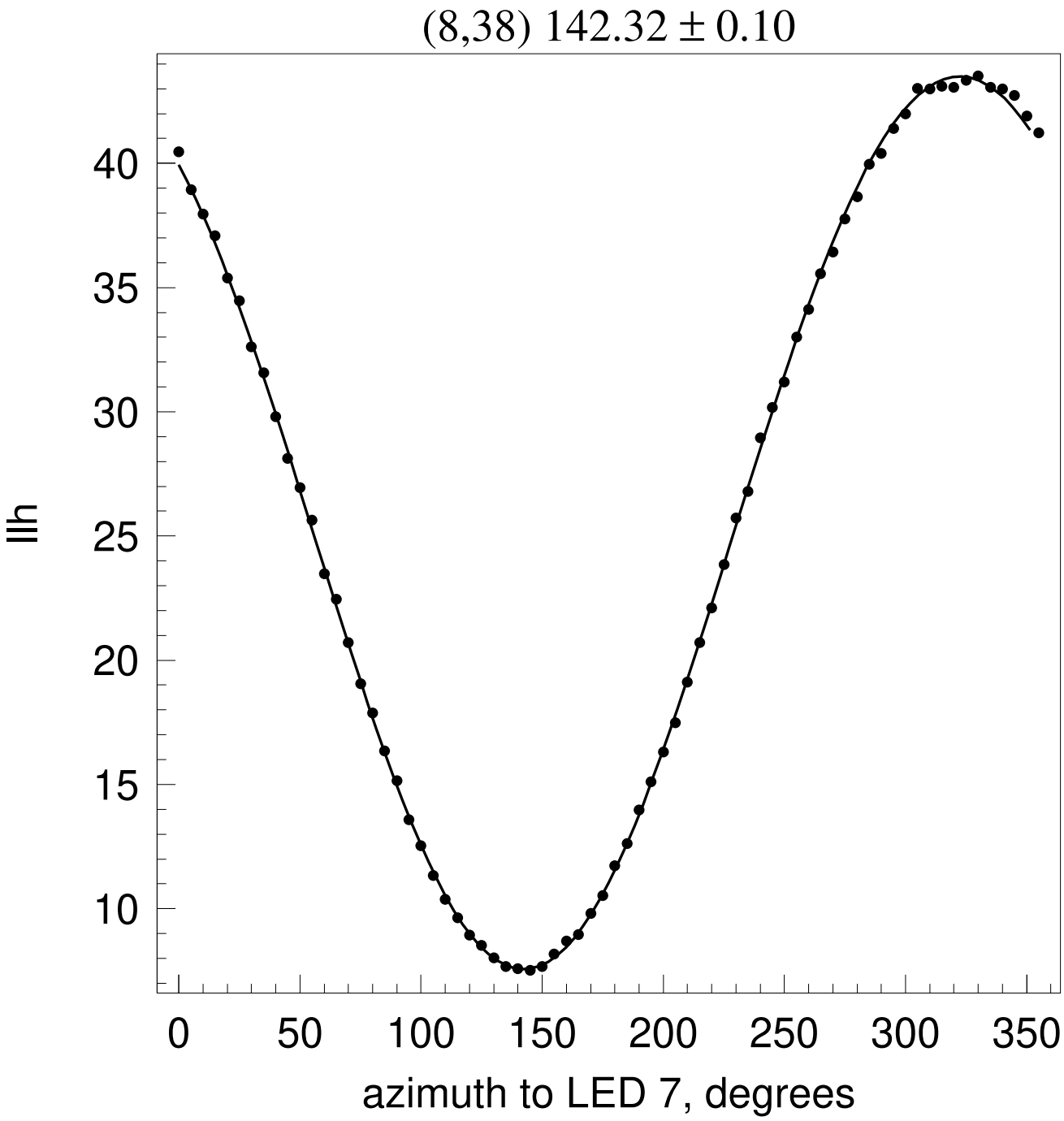

(8,33) 302.21 ± 1.41
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

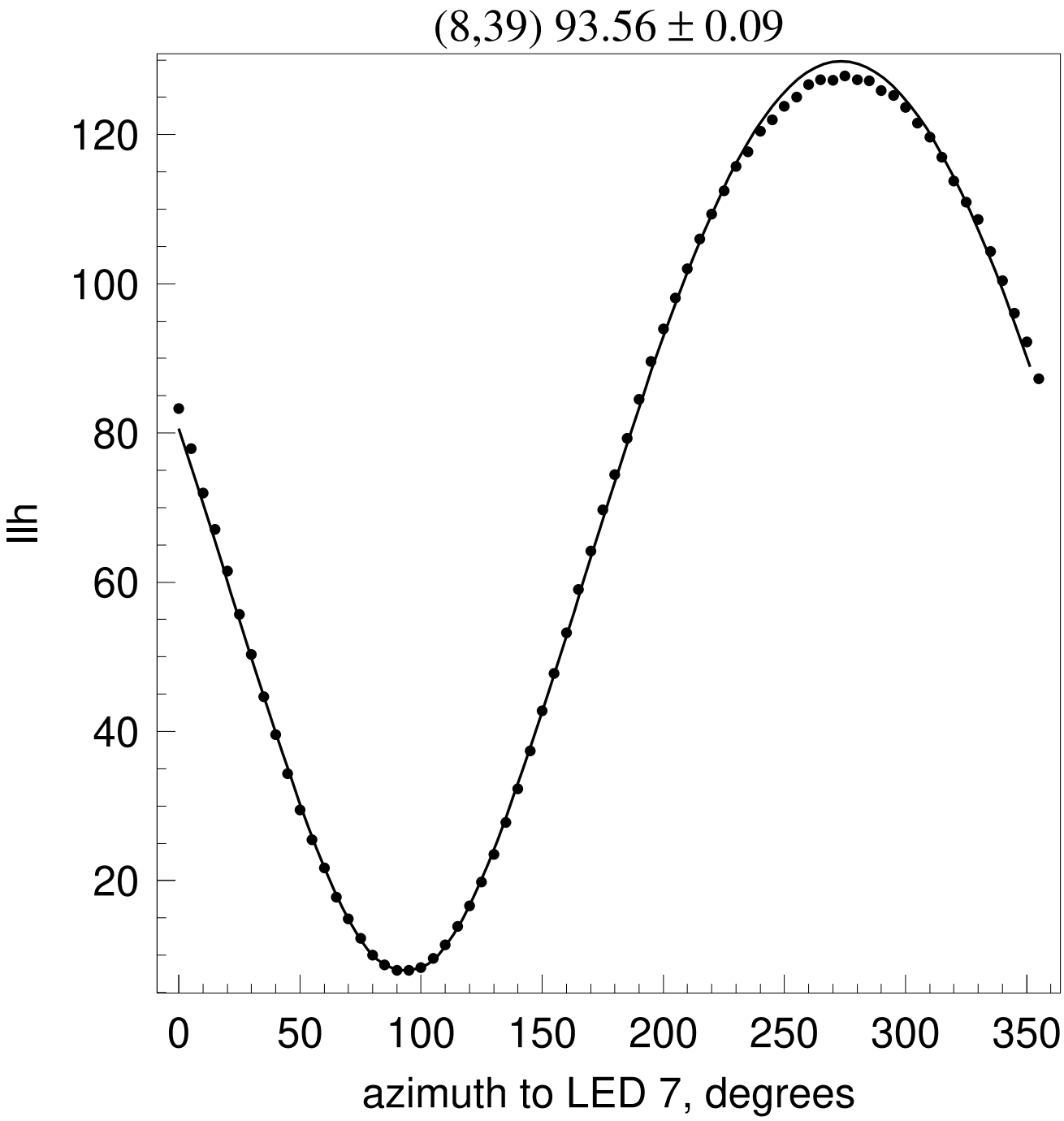

(8,34) 114.08 ± 4.71
9.75
9.5
9.25
9
8.75
8.5
8.25
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

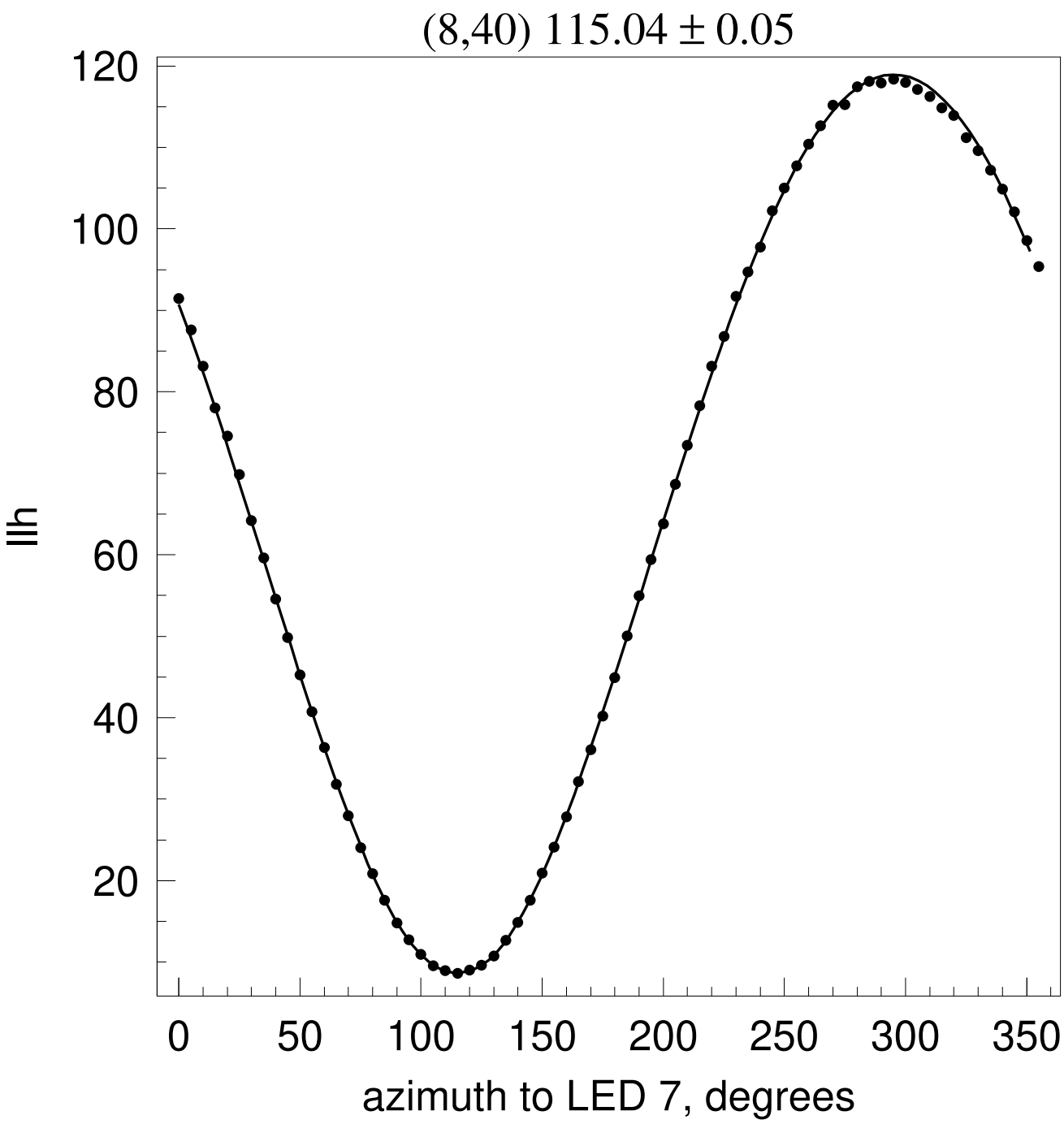

(8,35) 218.40 ± 24.74
10.4
10.2
10
9.8
9.6
9.4
9.2
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

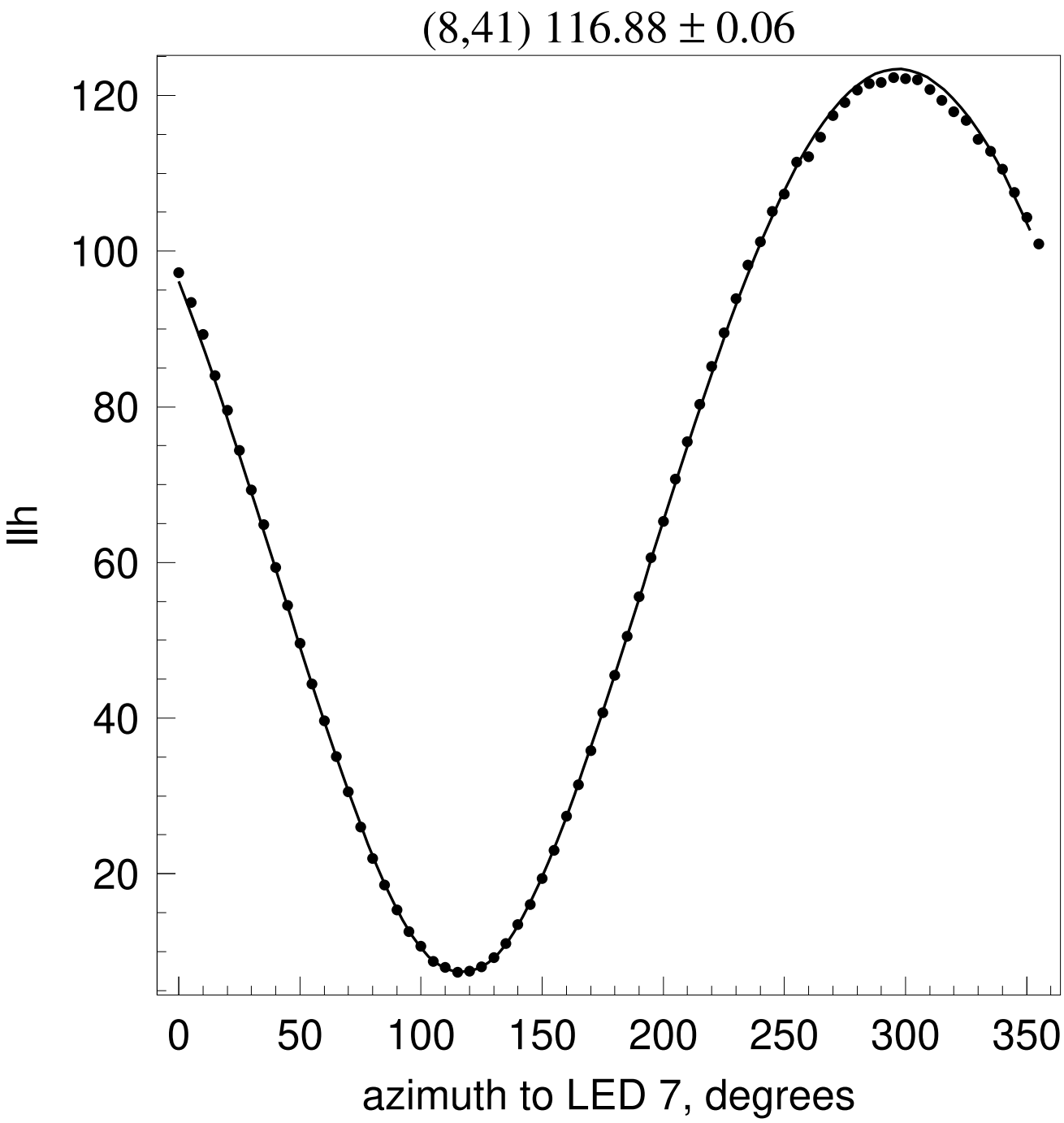

(8,36) 43.11 ± 14.70
11.2
11
10.8
10.6
10.4
10.2
10
9.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

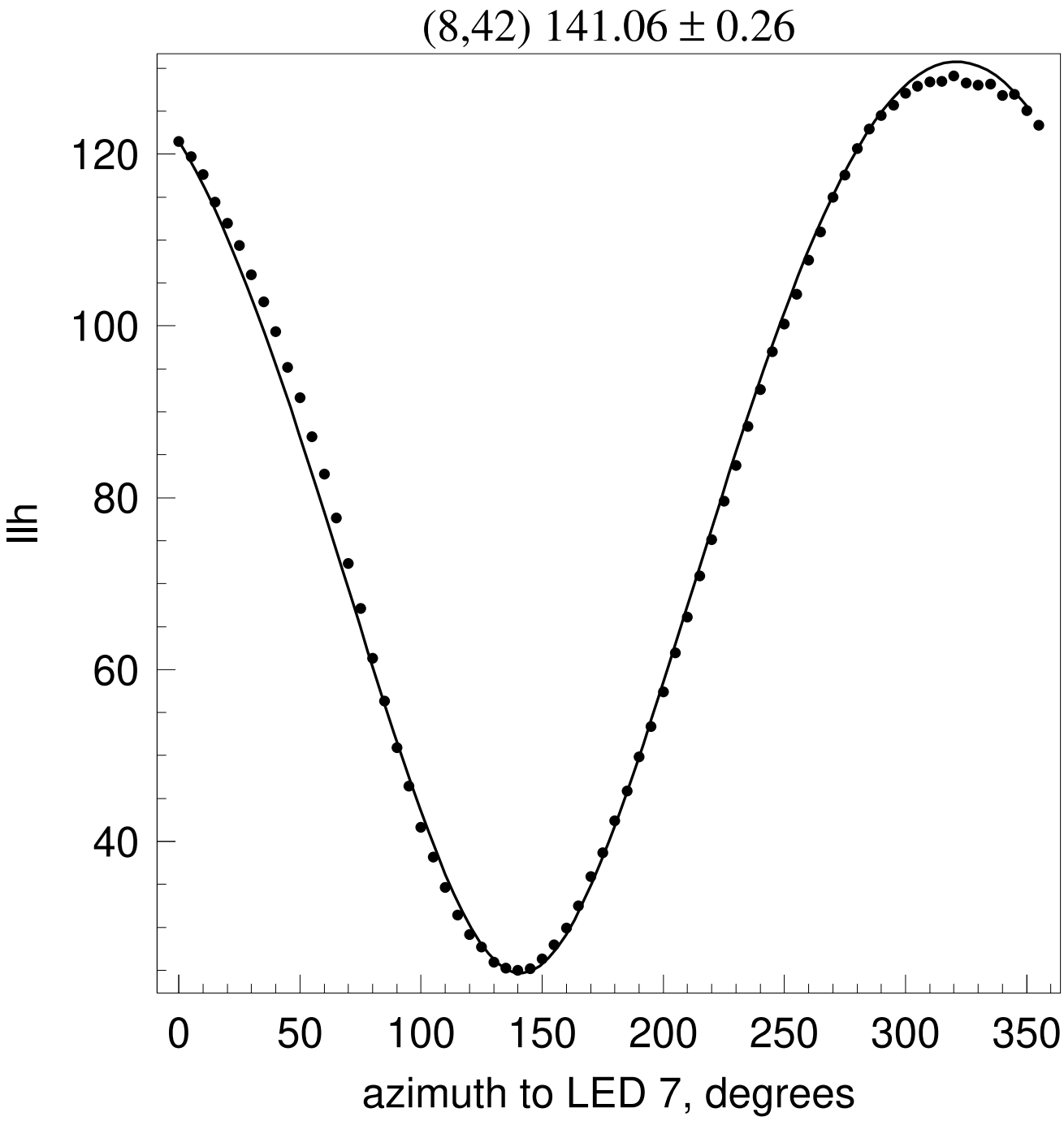

(8,37) 226.06 ± 1.01
10.5
10
9.5
9
8.5
8
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

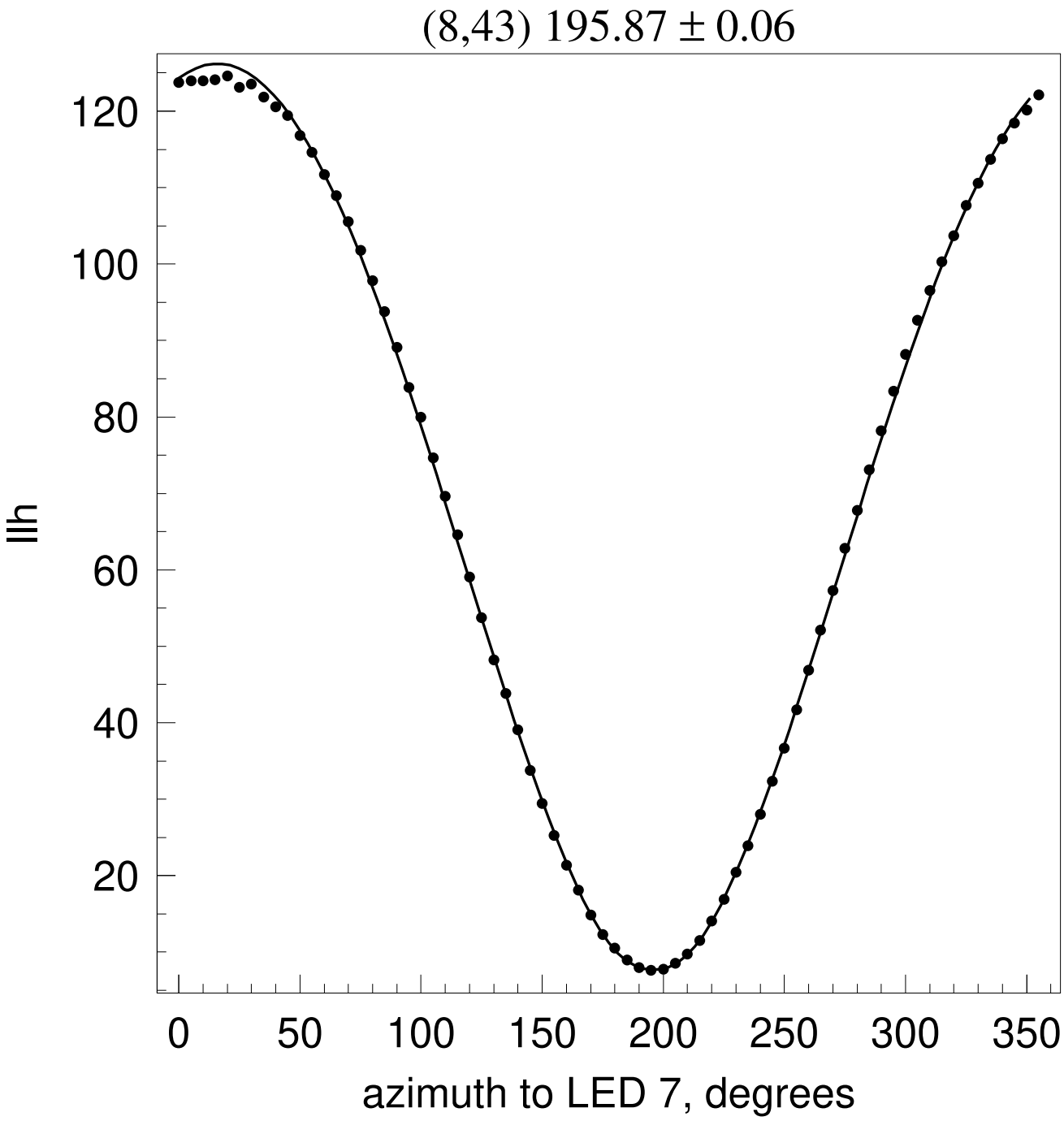

(8,38) 142.32 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

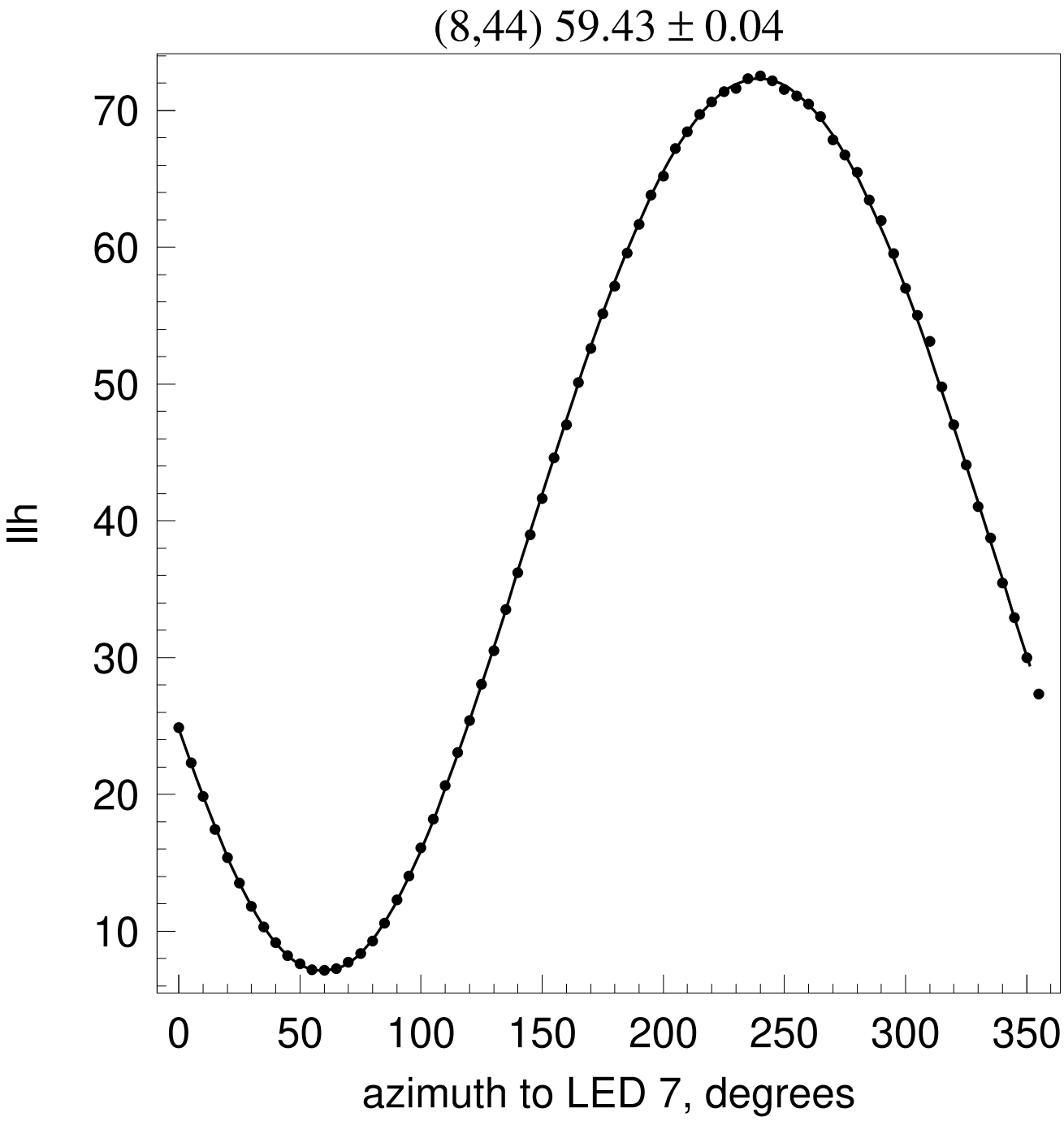

(8,39) 93.56 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

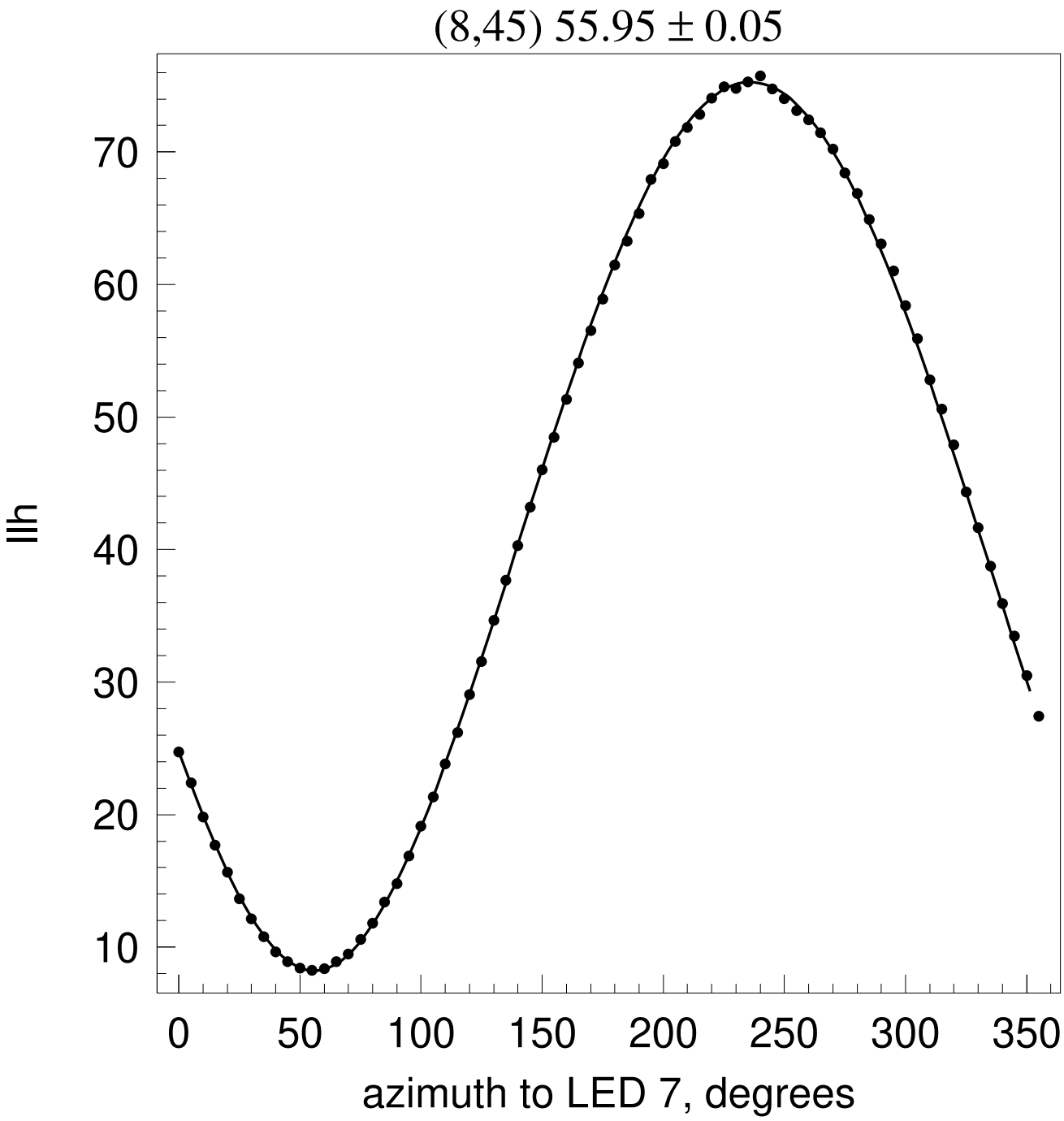

(8,40) 115.04 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

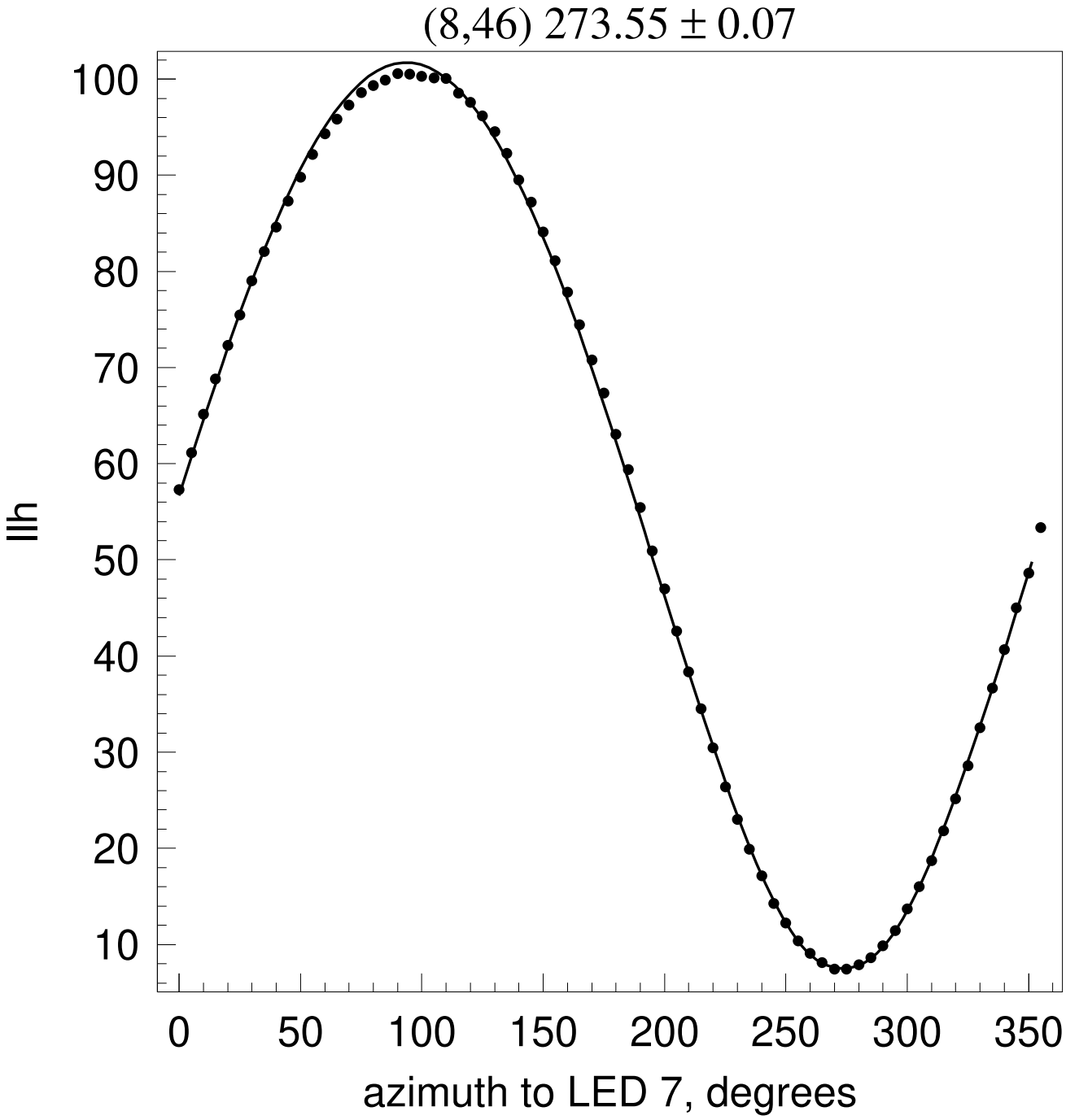

(8,41) 116.88 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

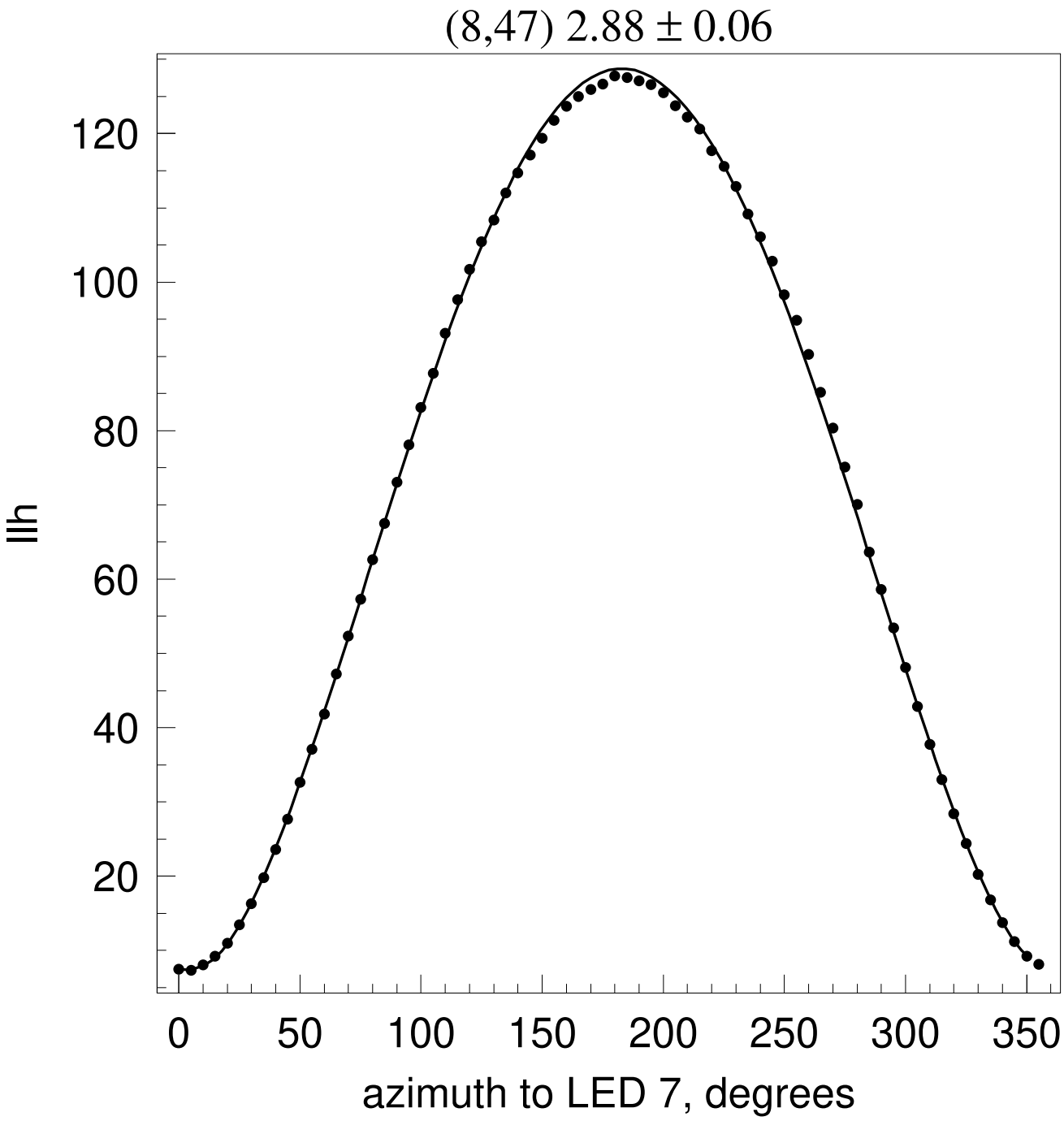

(8,42) 141.06 ± 0.26
120
100
80
60
40
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

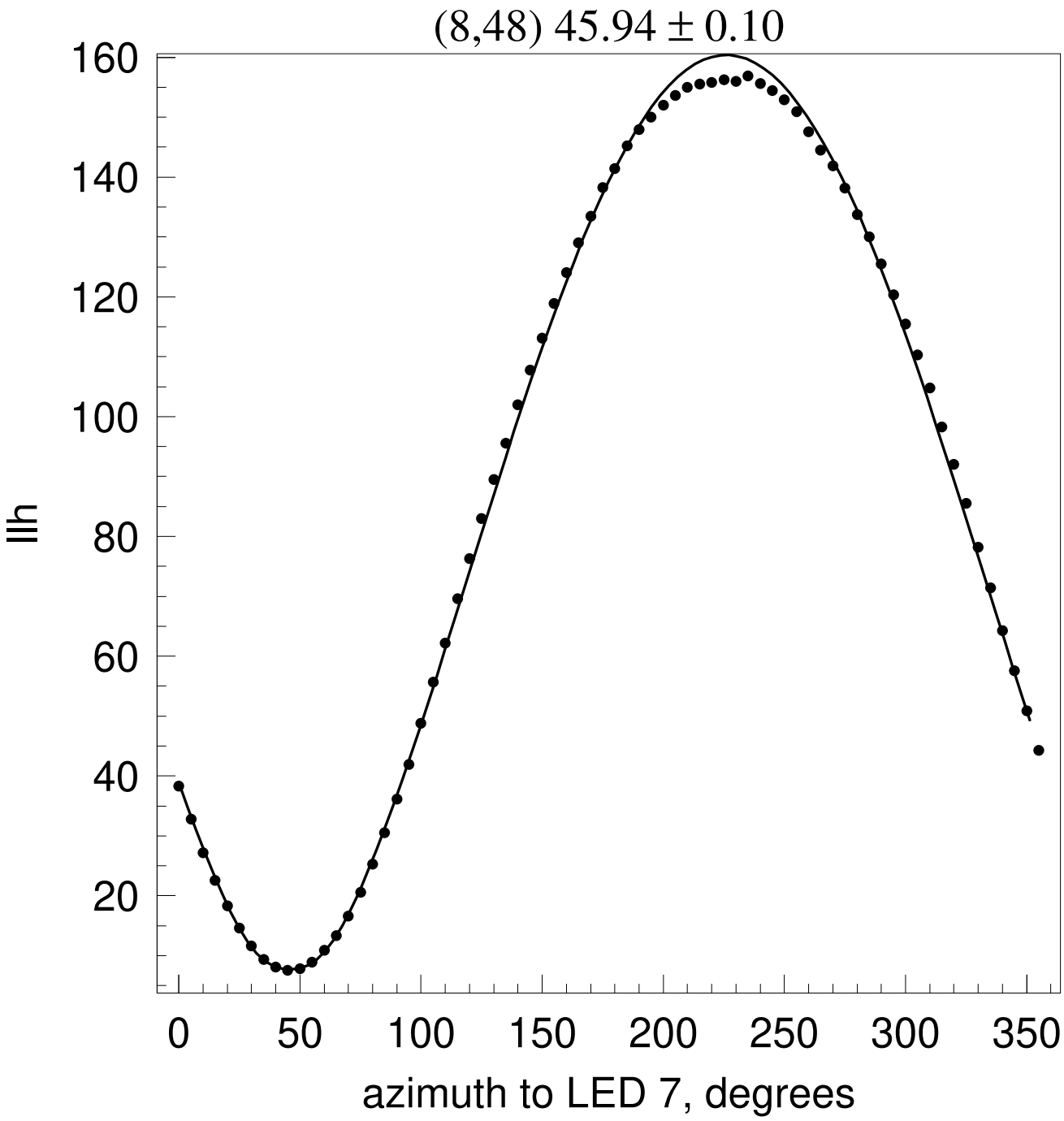

(8,43) 195.87 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

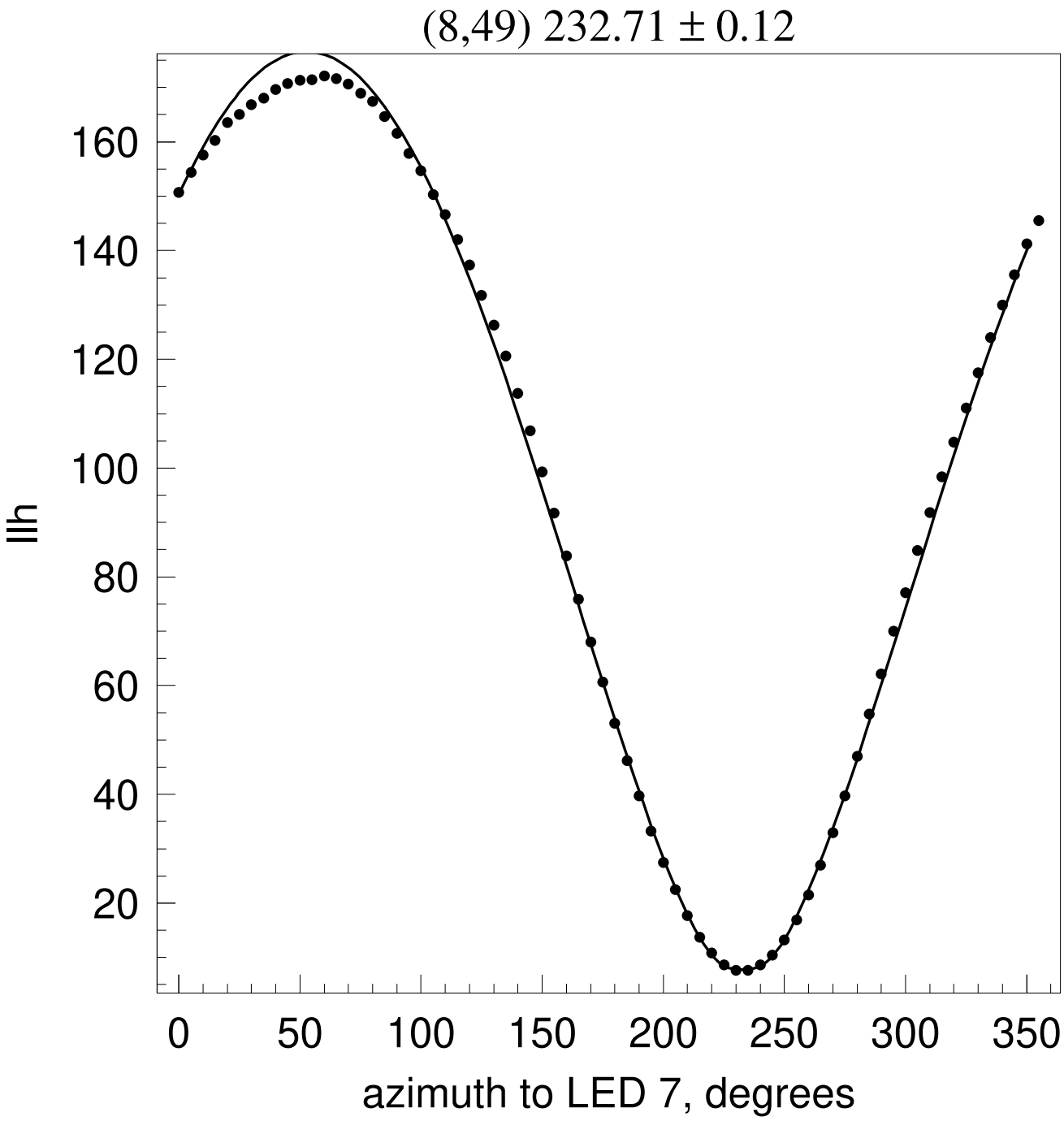

(8,44) 59.43 ± 0.04
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

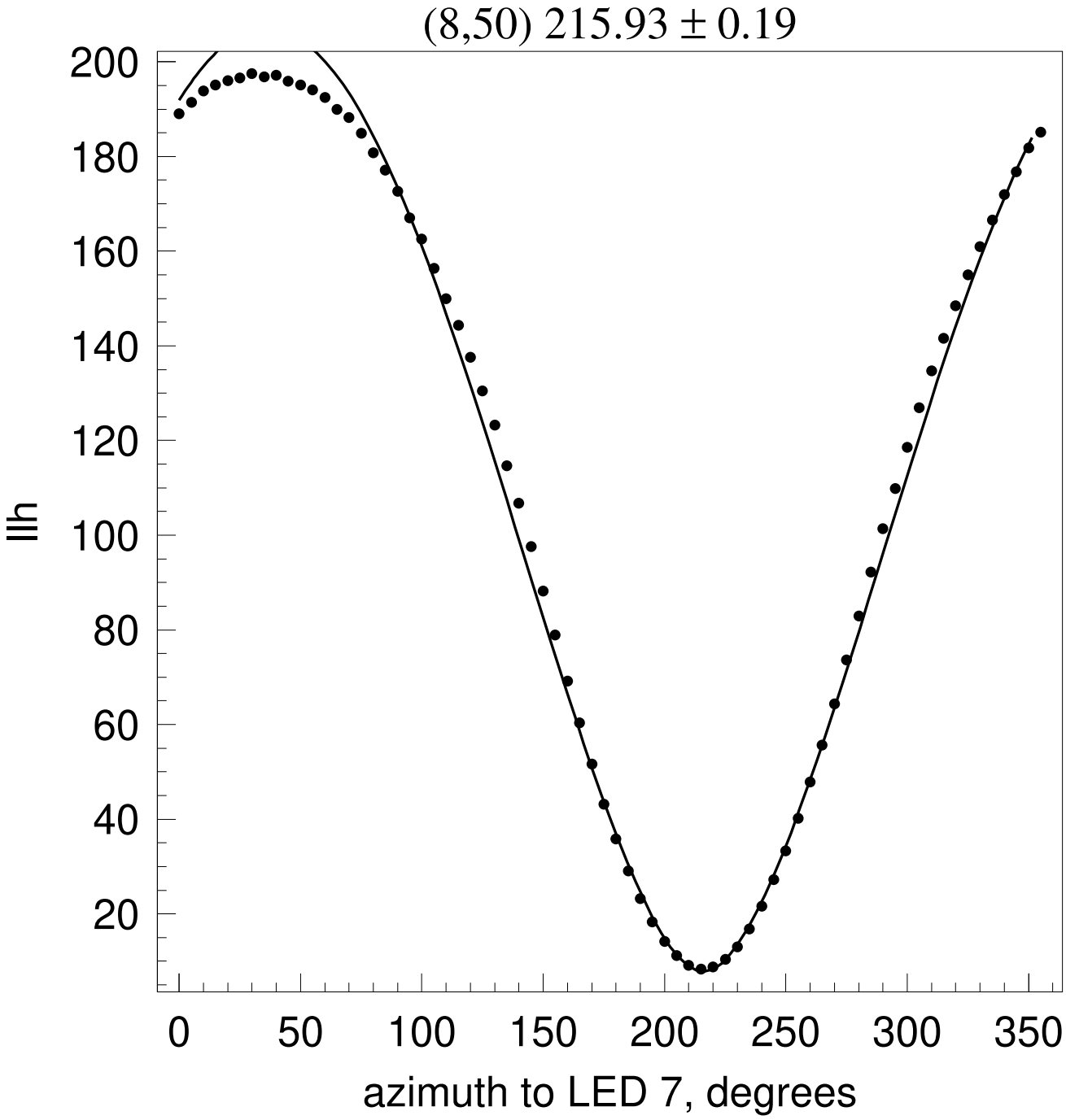

(8,45) 55.95 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

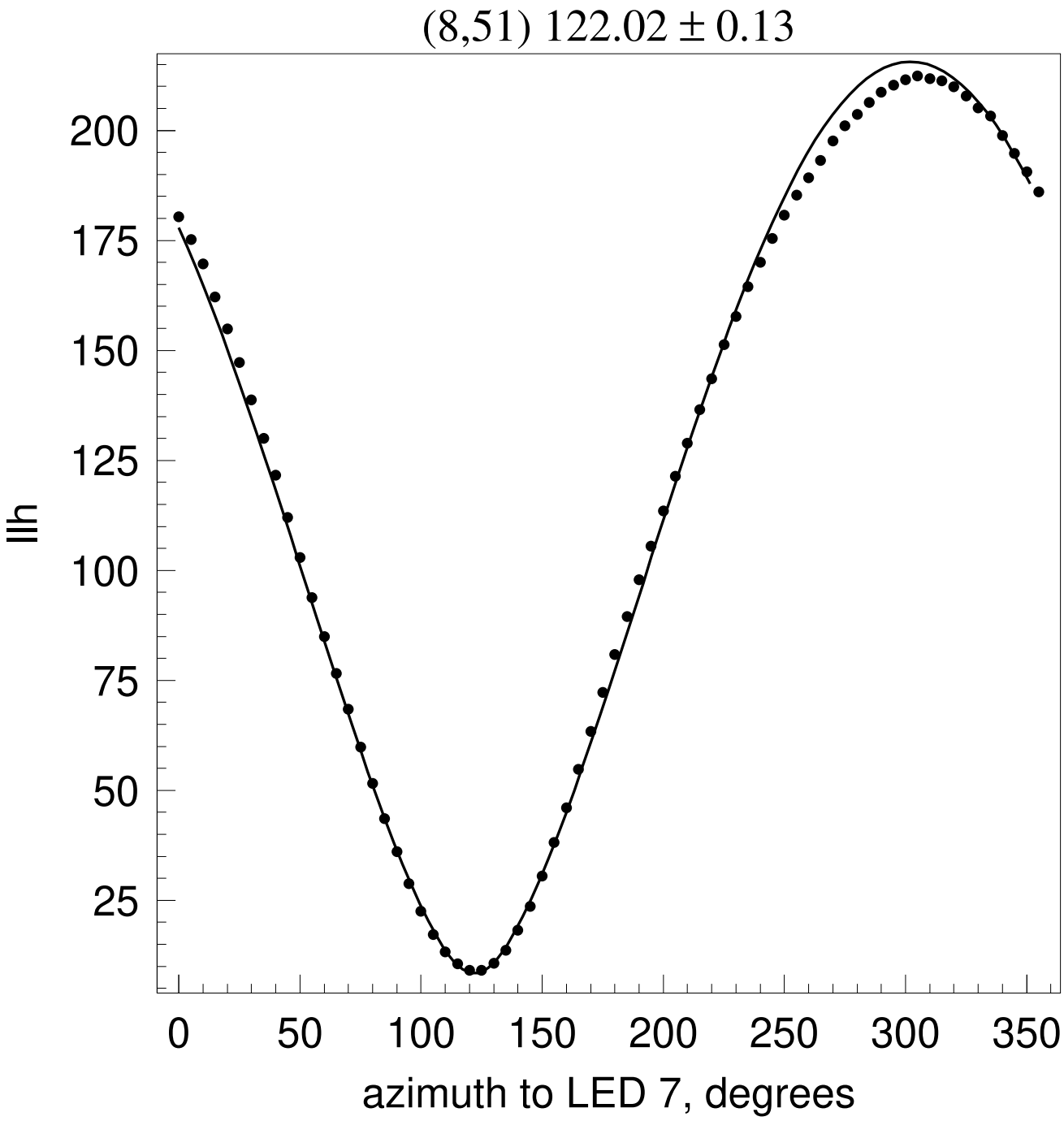

(8,46) 273.55 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

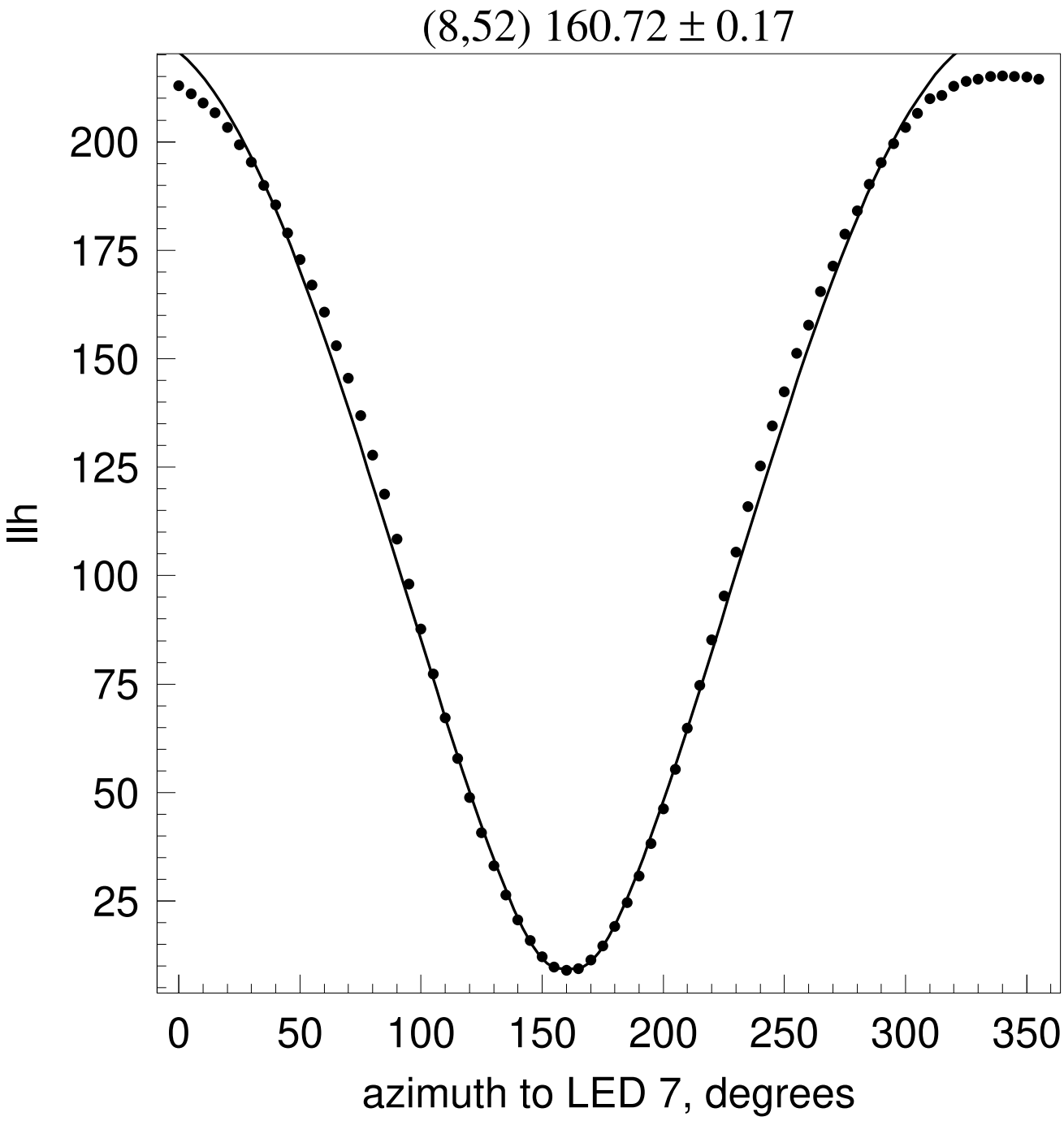

(8,47) 2.88 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

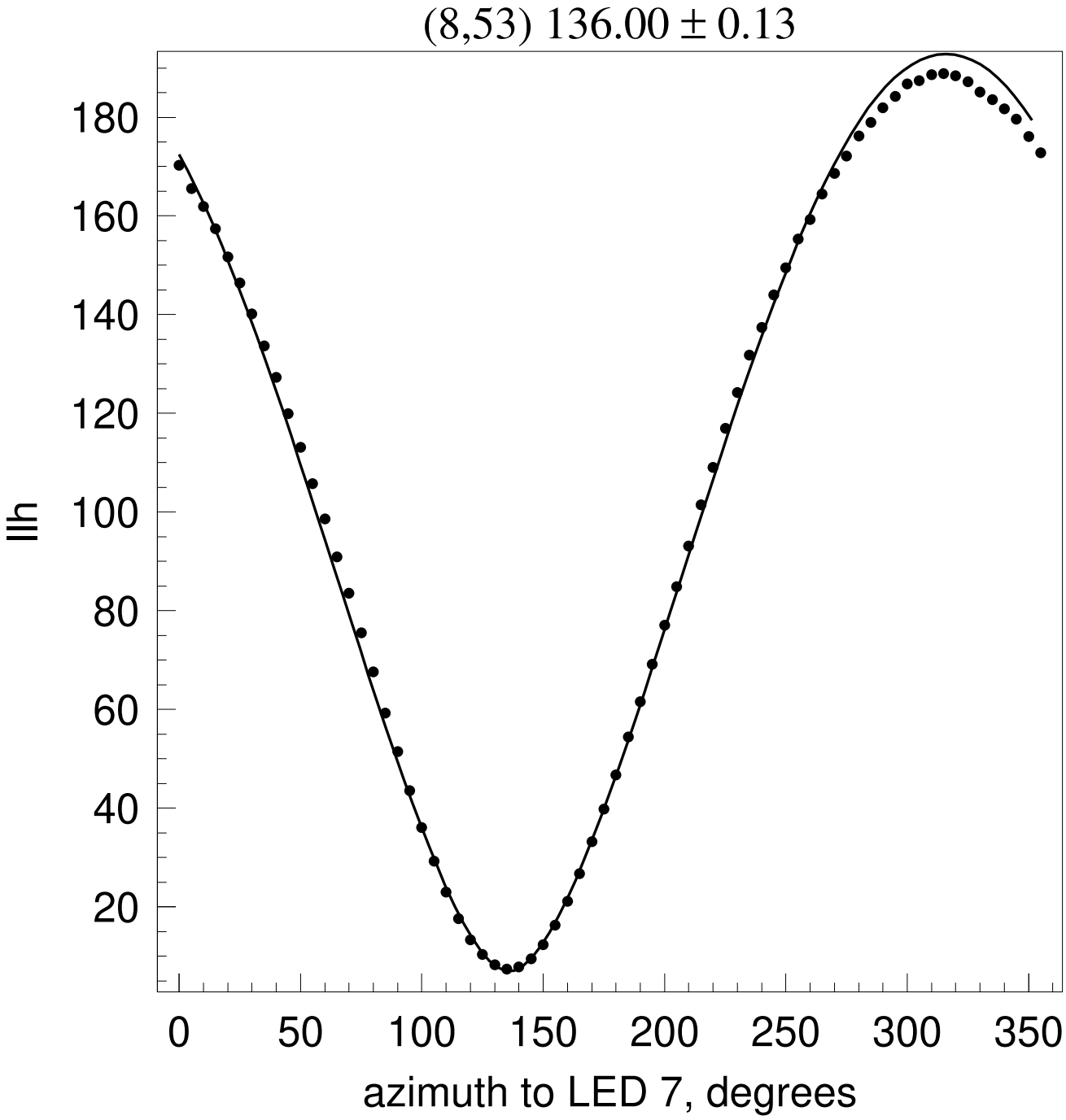

(8,48) 45.94 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

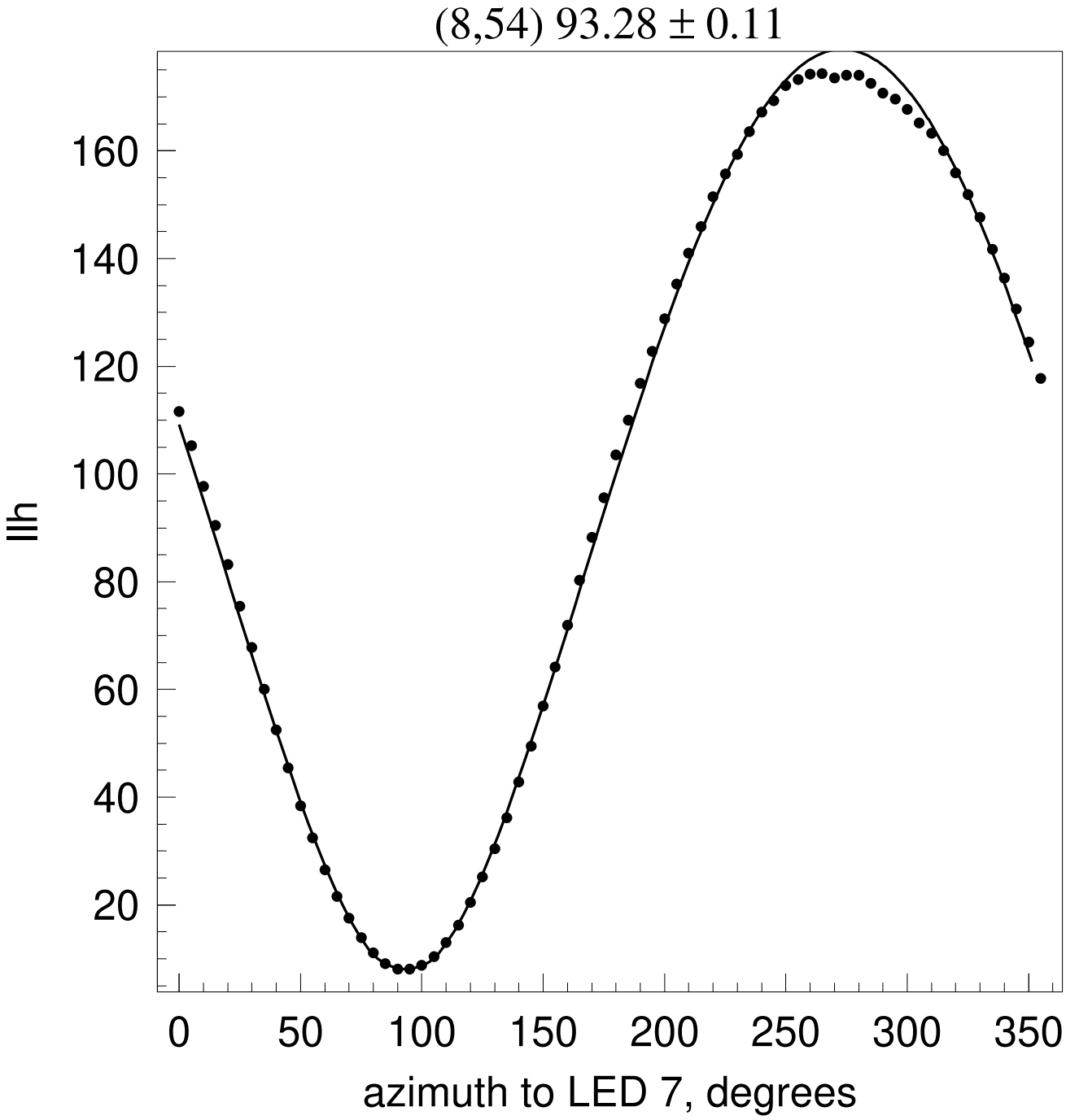

(8,49) 232.71 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

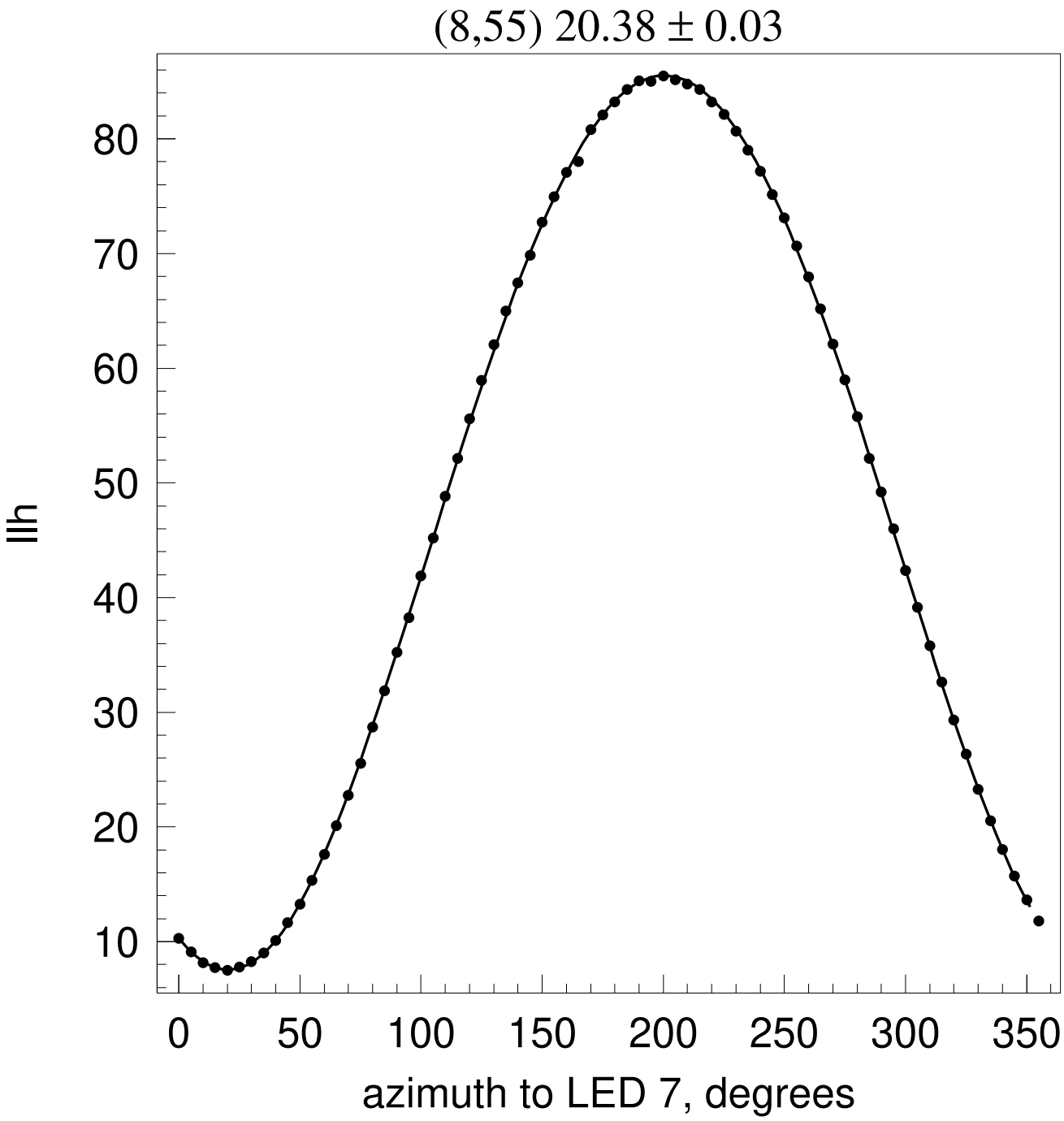

(8,50) 215.93 ± 0.19
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

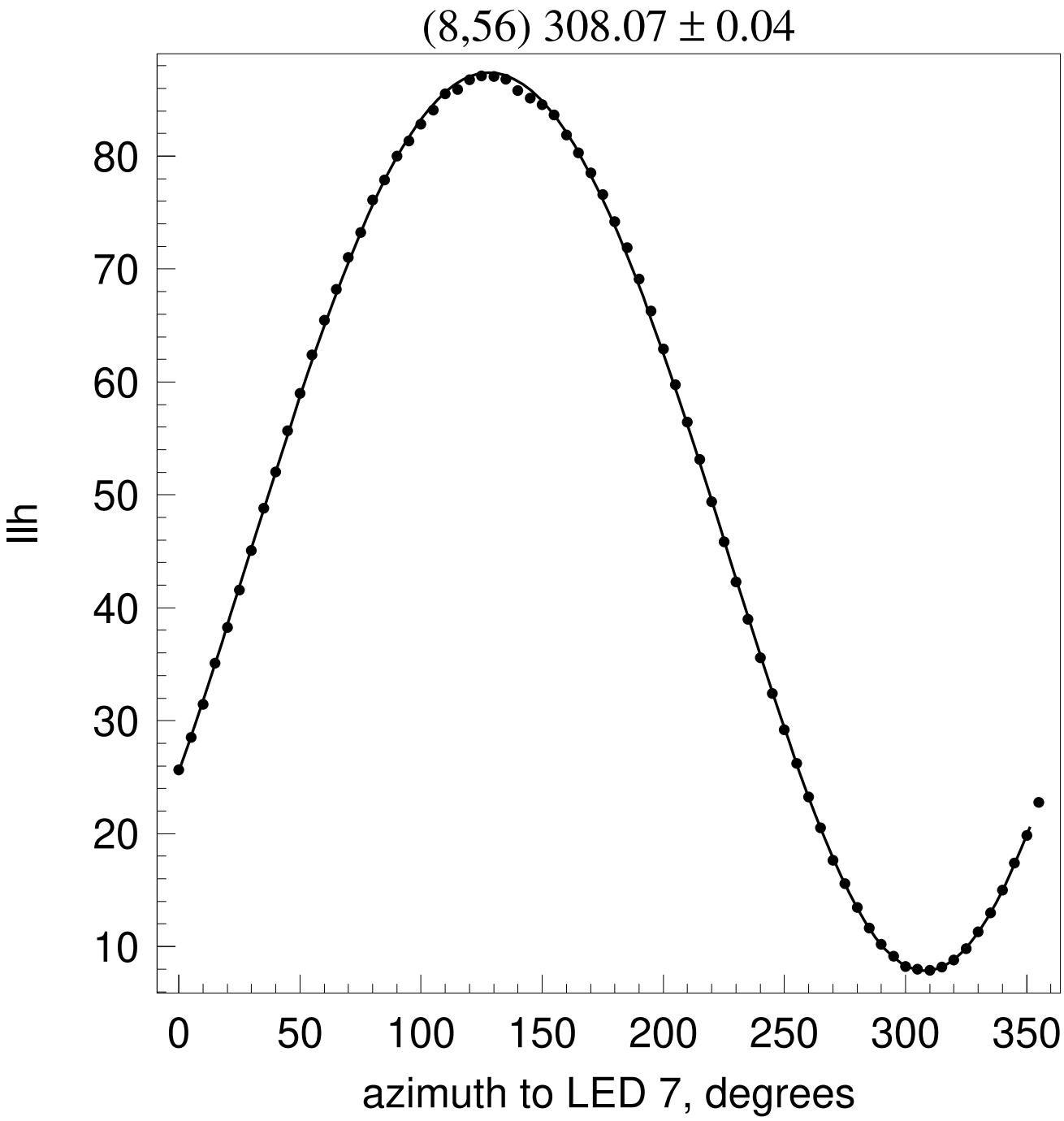

(8,51) 122.02 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

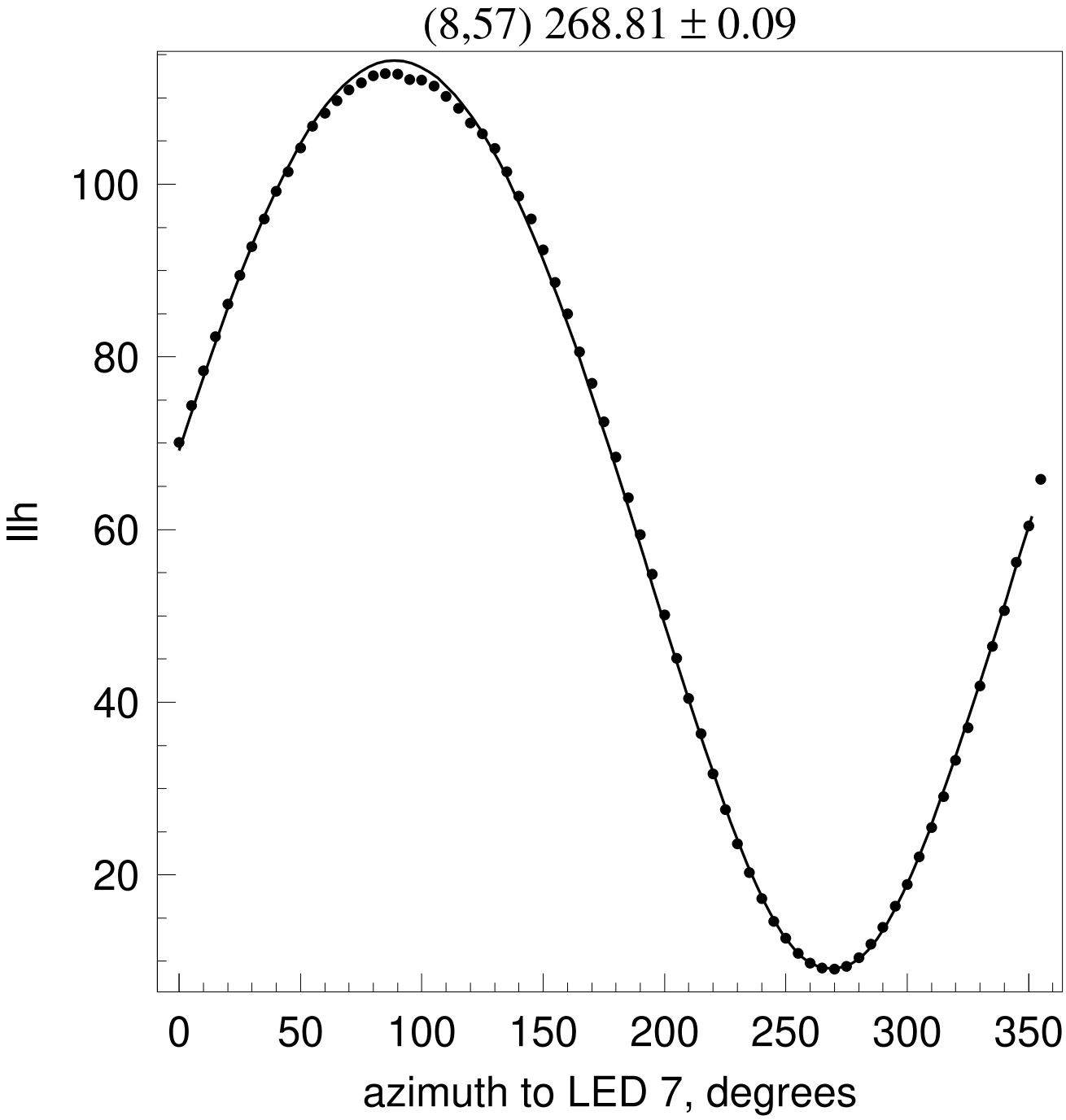

(8,52) 160.72 ± 0.17
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

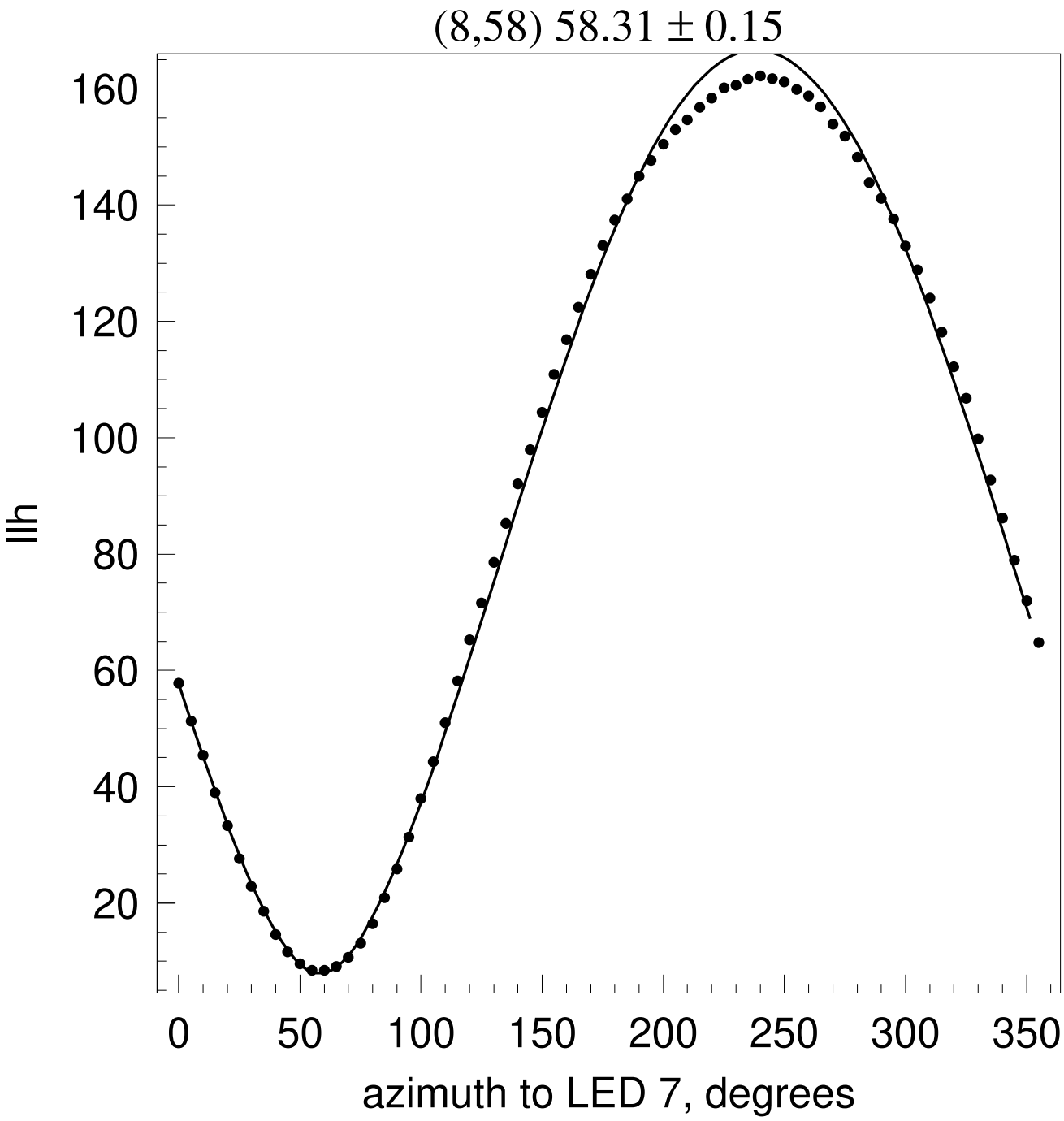

(8,53) 136.00 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

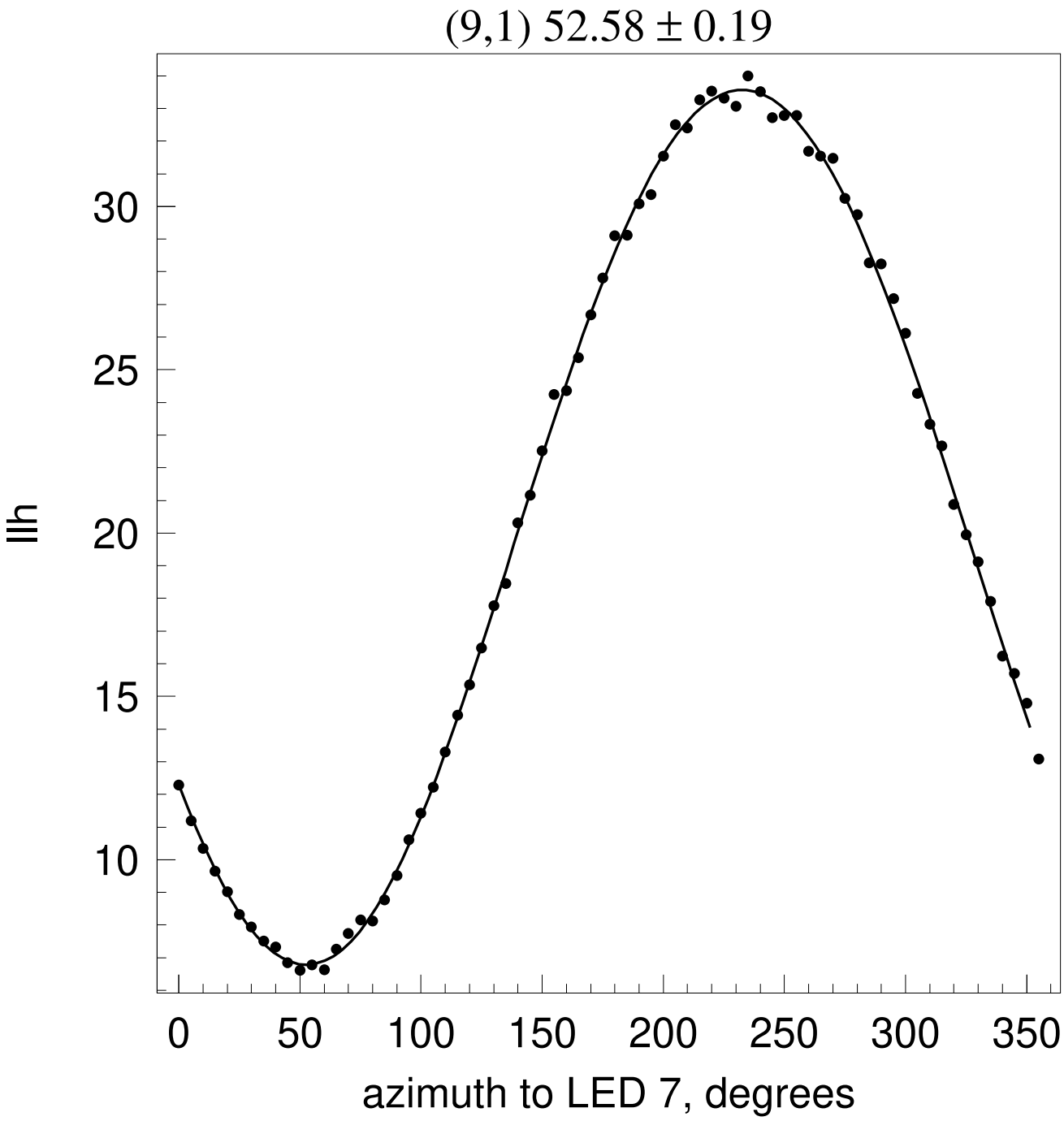

(8,54) 93.28 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

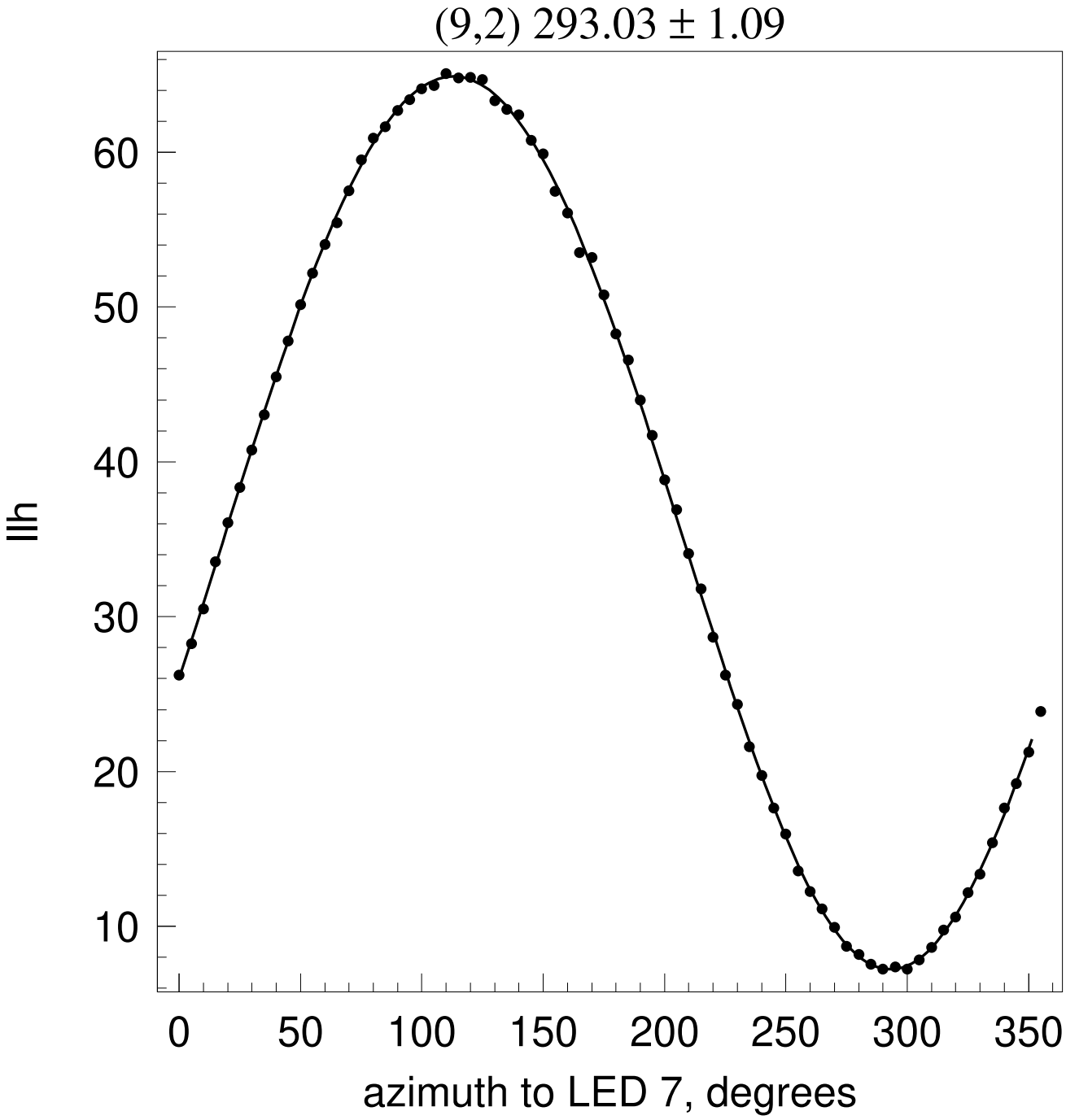

(8,55) 20.38 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

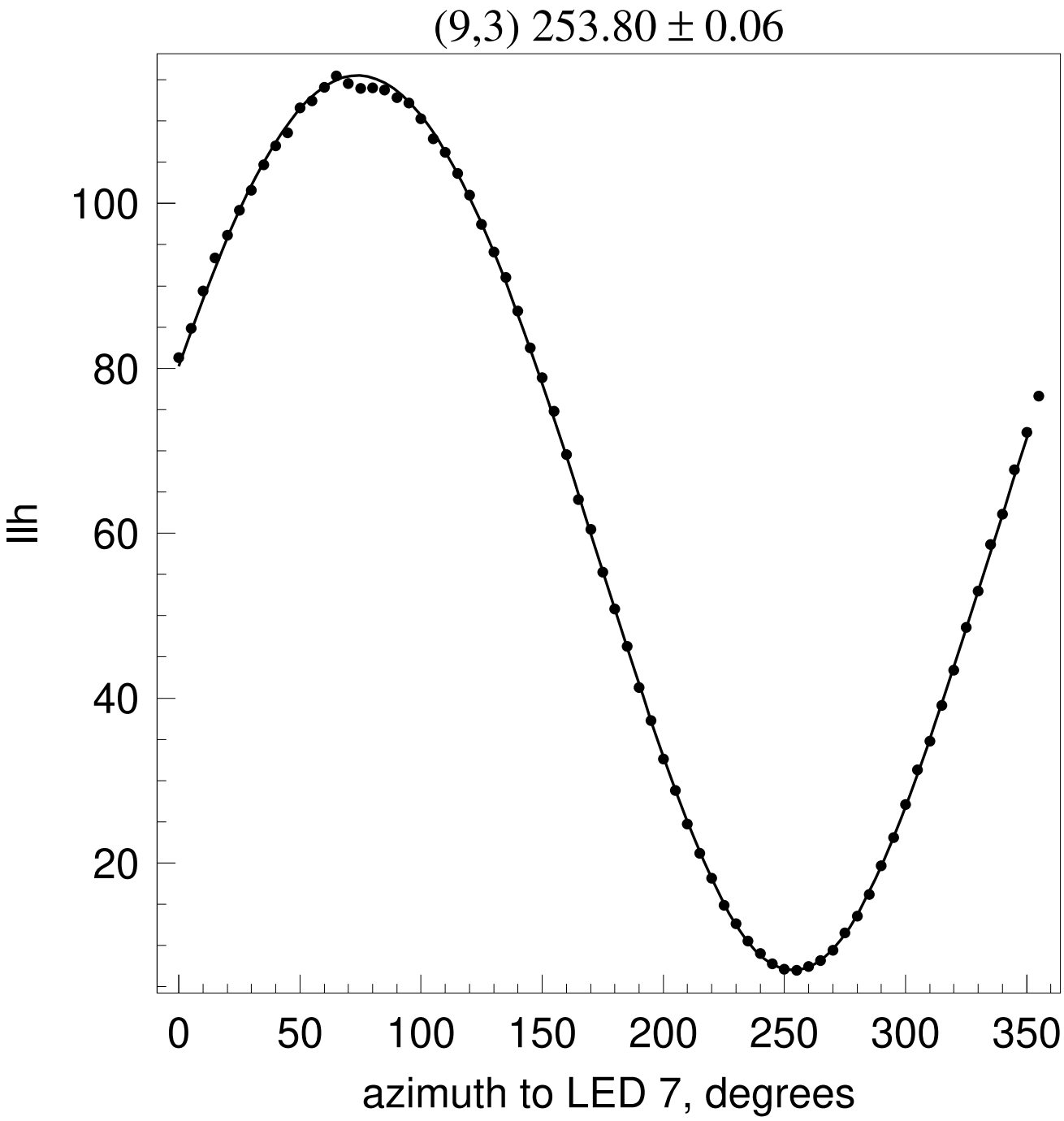

(8,56) 308.07 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

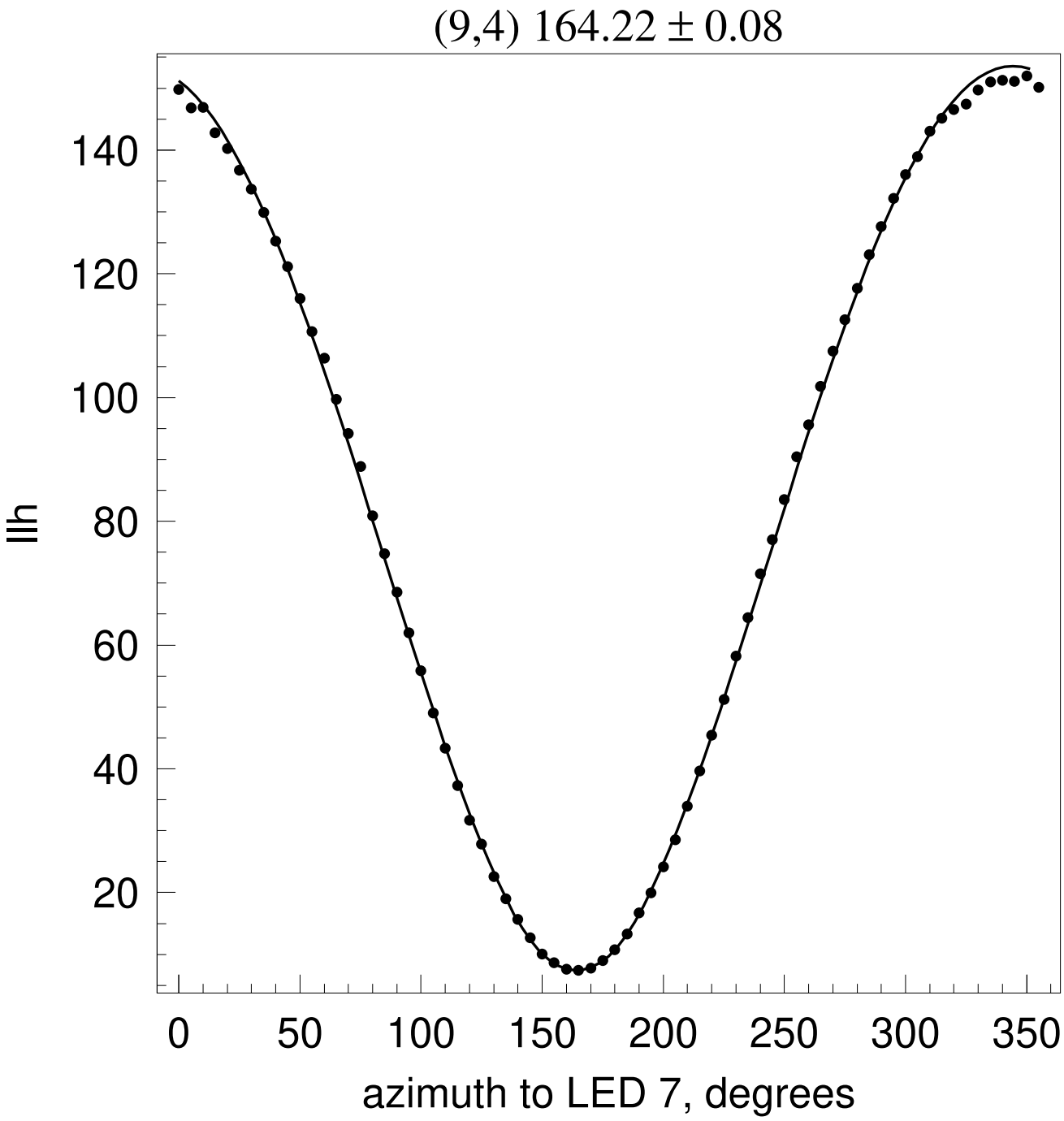

(8,57) 268.81 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

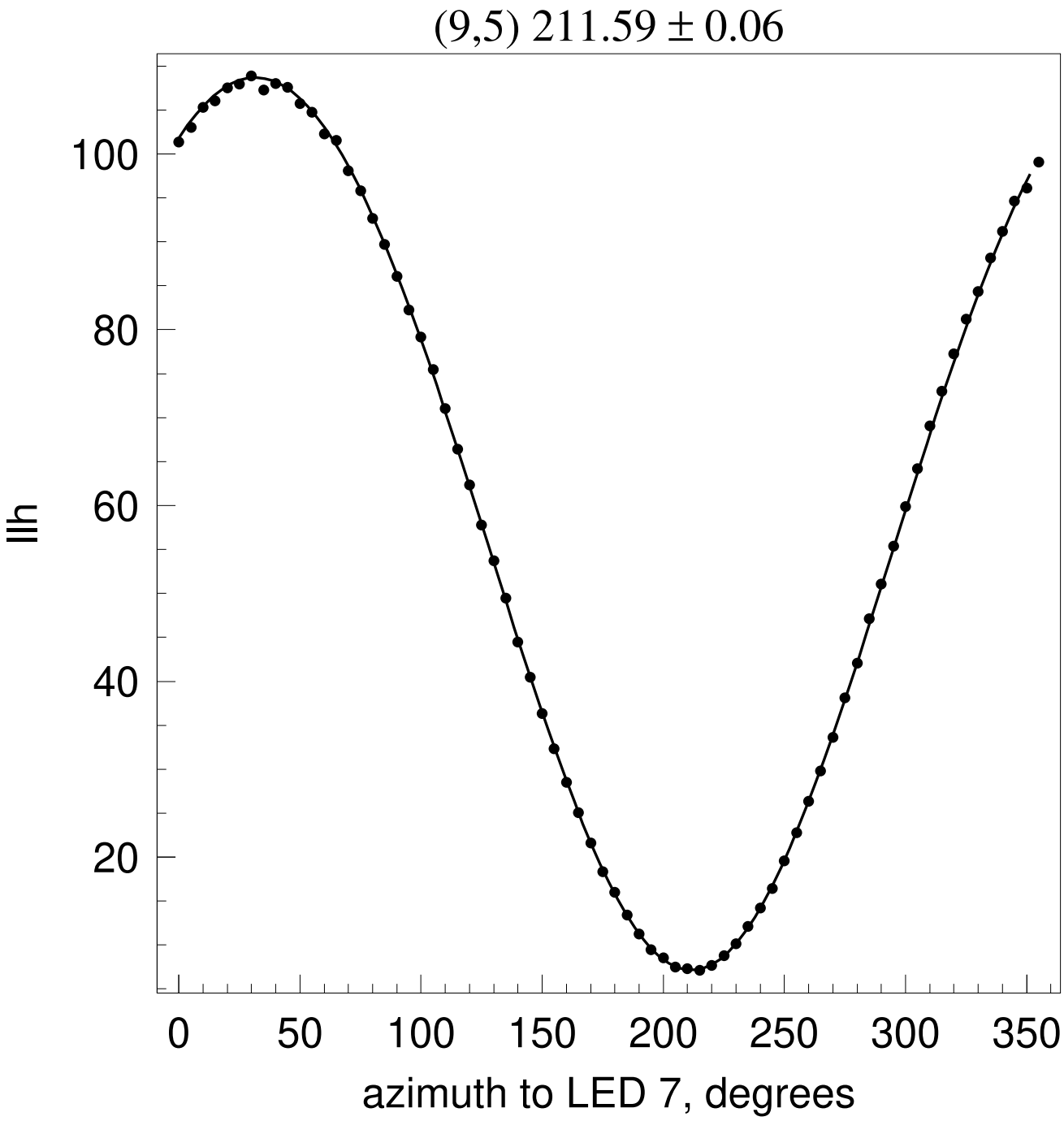

(8,58) 58.31 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

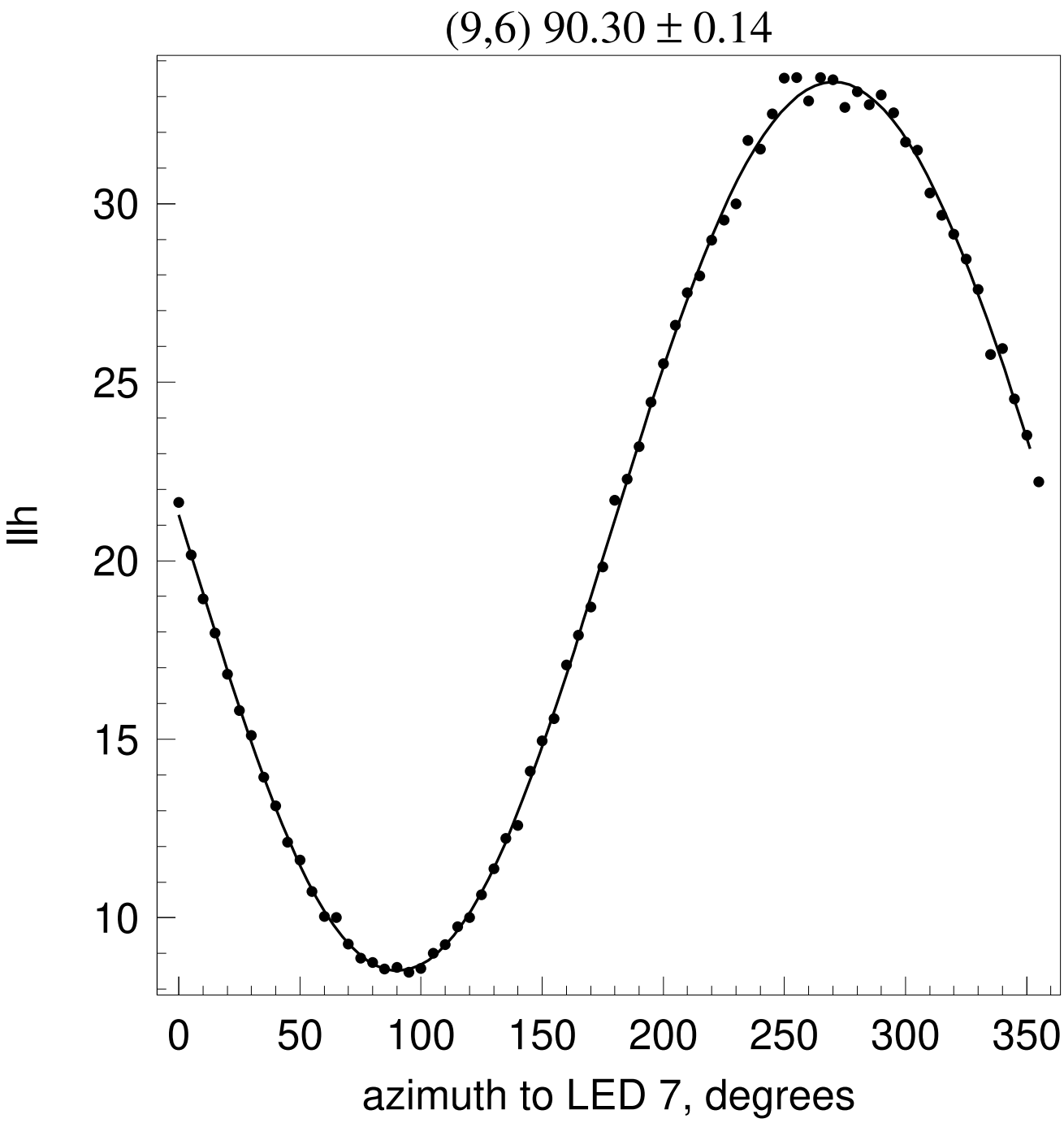

(9,1) 52.58 ± 0.19
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

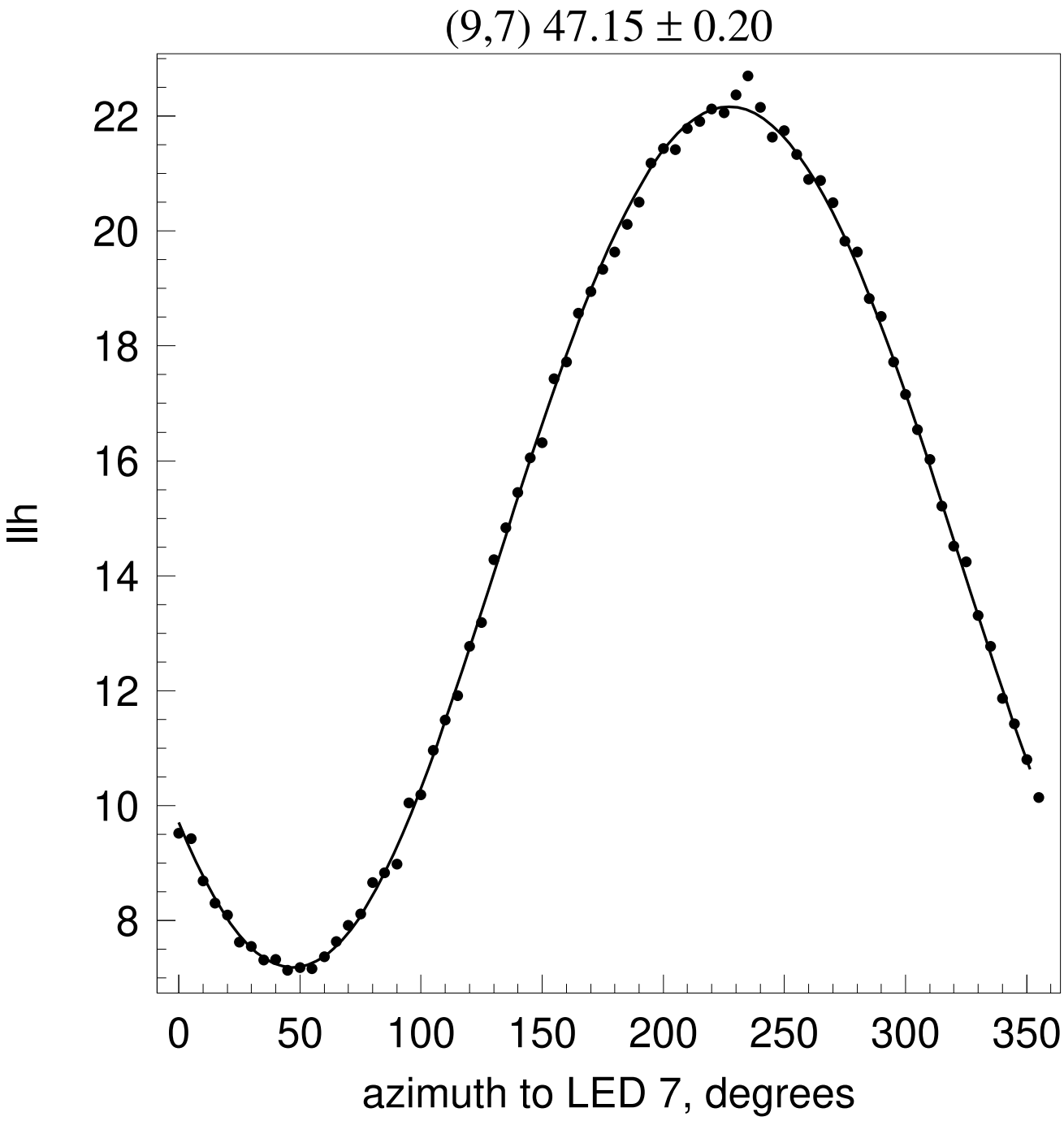

(9,2) 293.03 ± 1.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

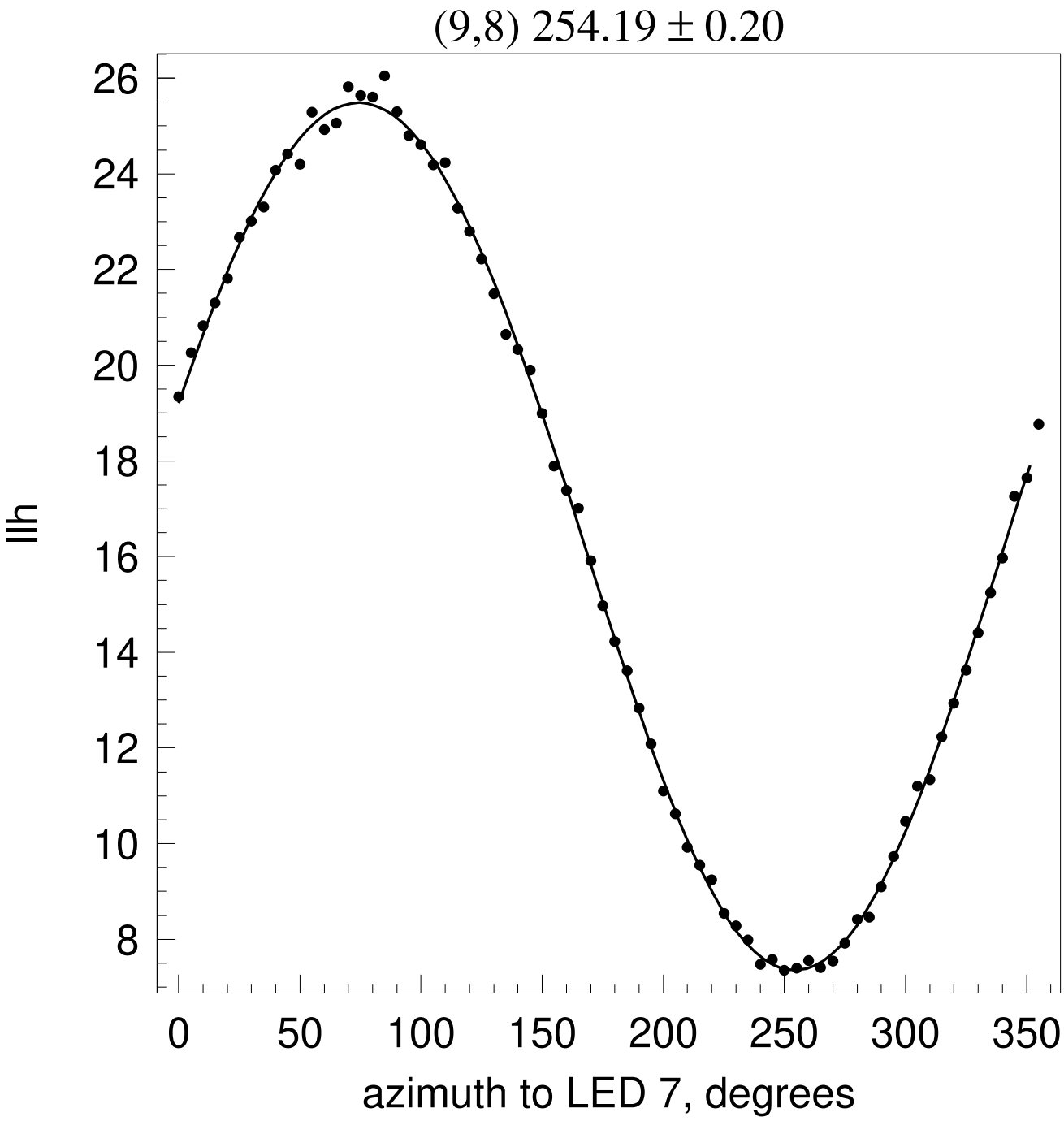

(9,3) 253.80 ± 0.06
100
80
60
40
20
lIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

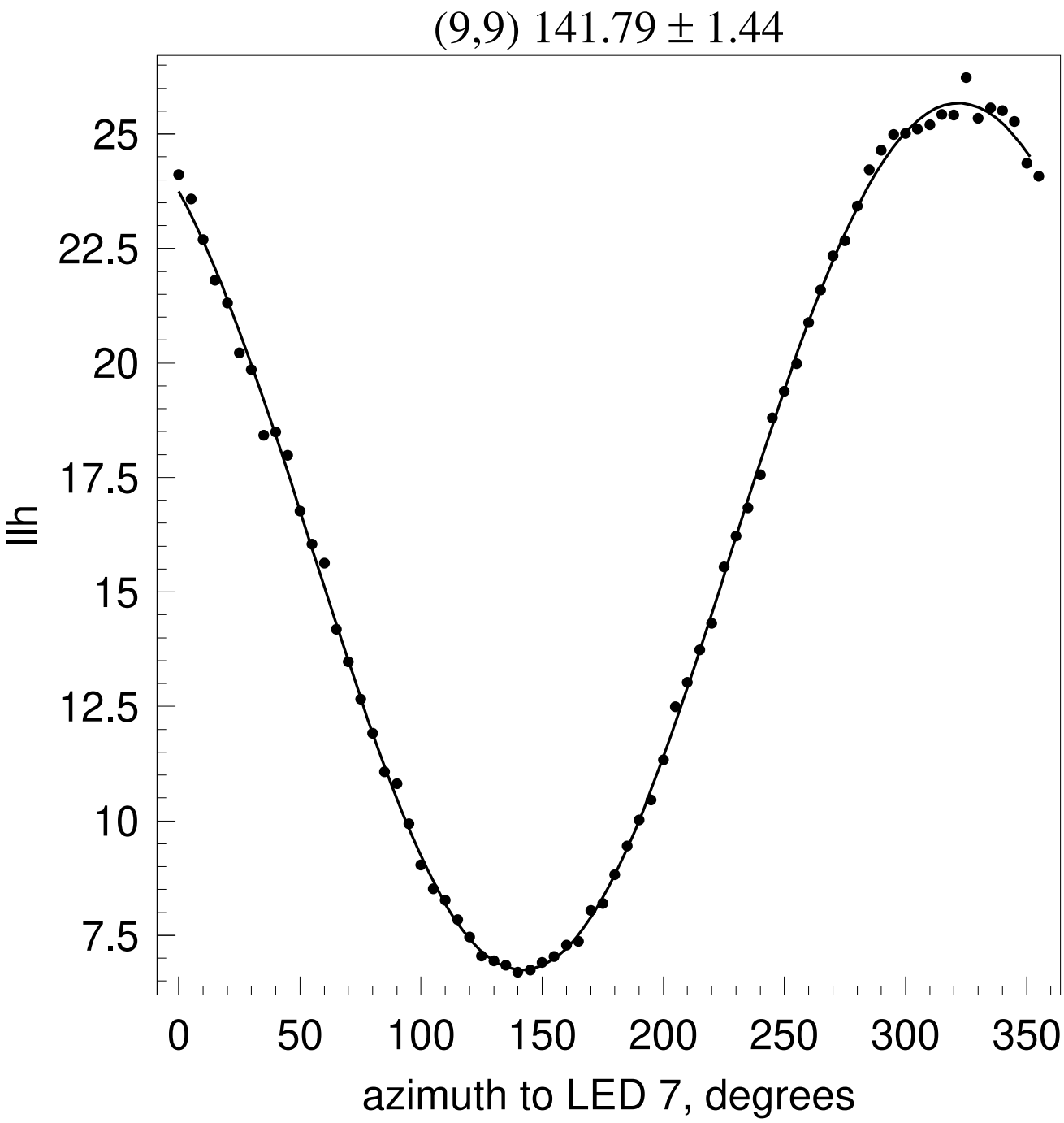

(9,4) 164.22 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

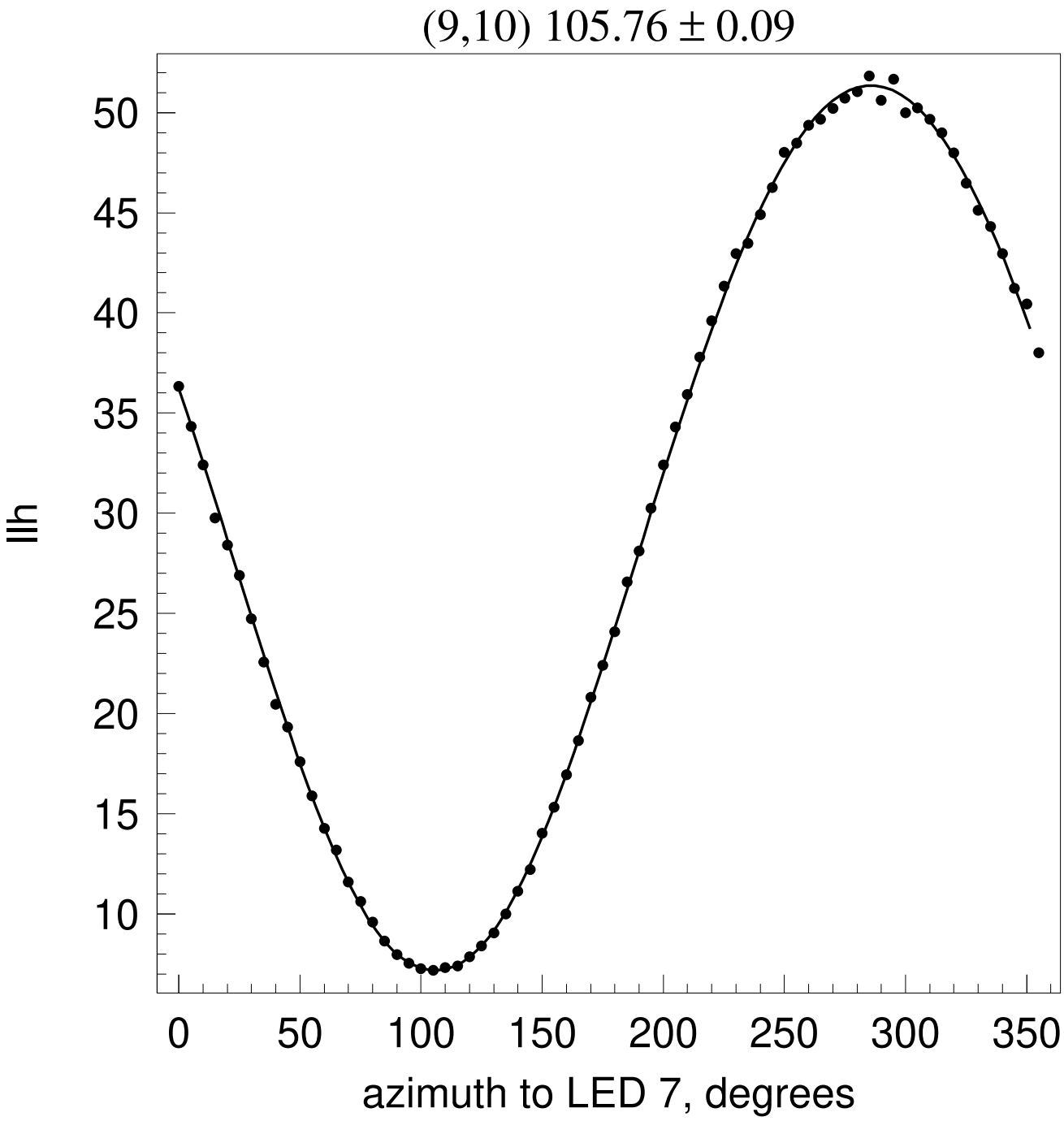

(9,5) 211.59 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

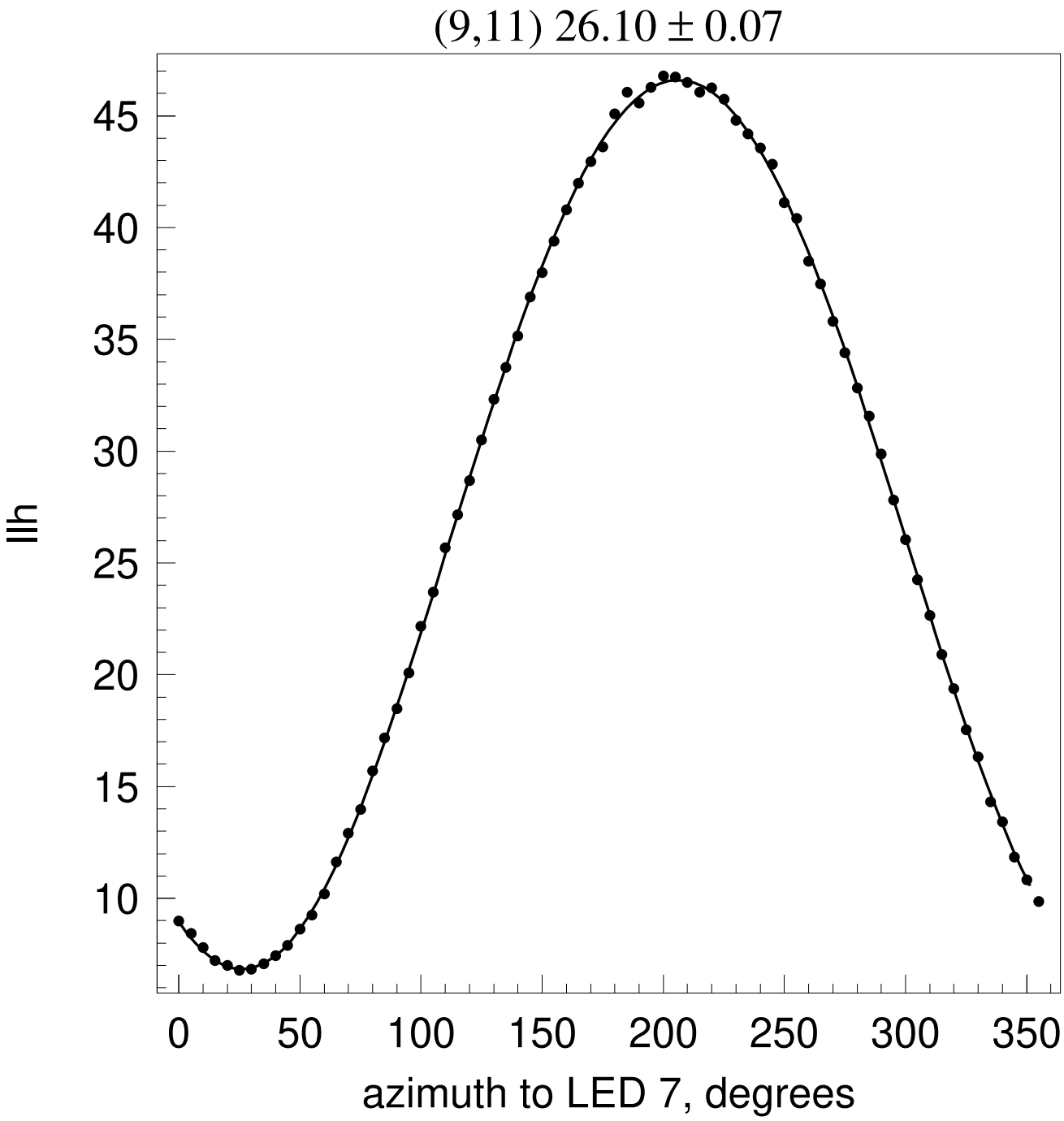

(9,6) 90.30 ± 0.14
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

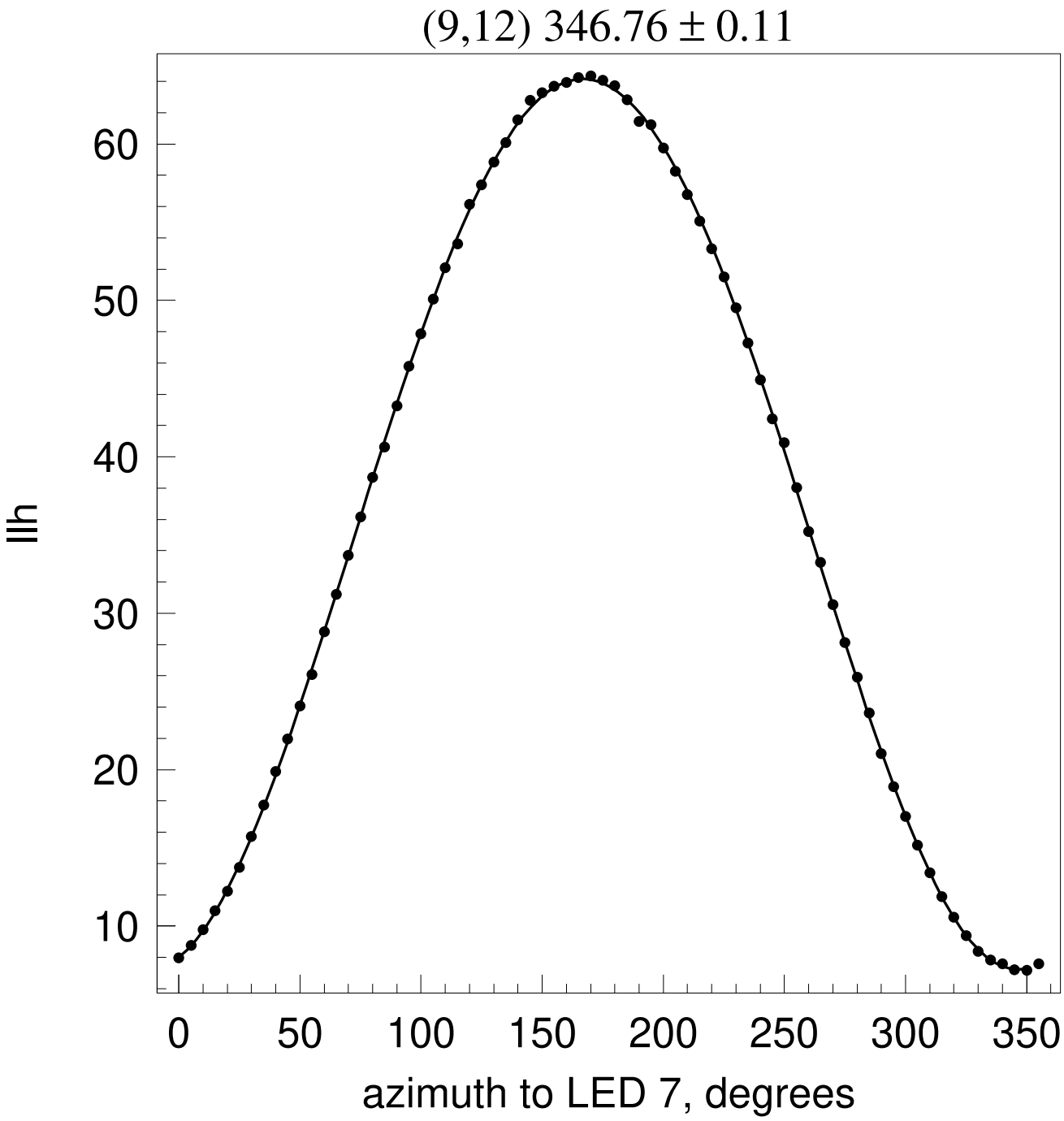

(9,7) 47.15 ± 0.20
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

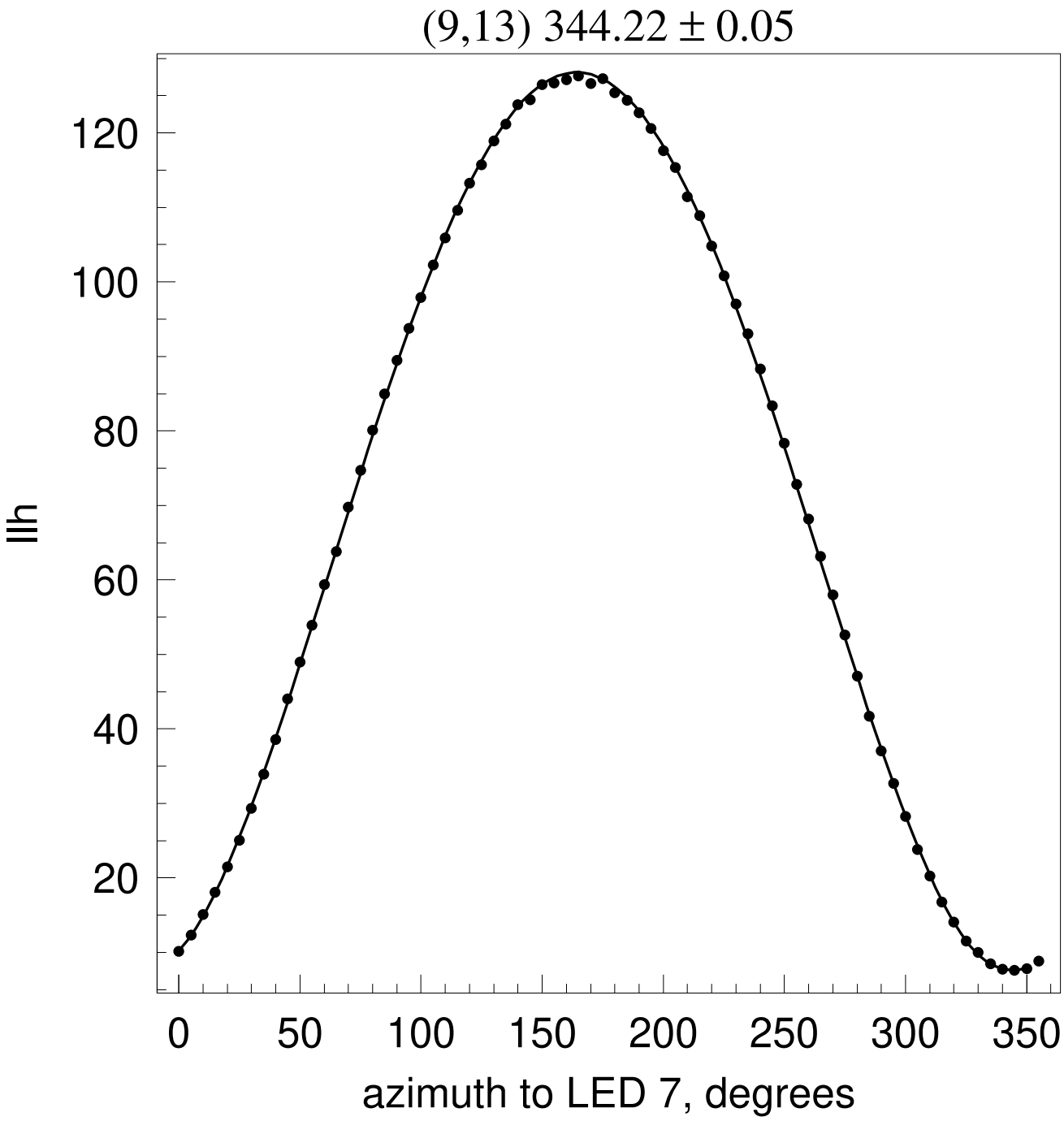

(9,8) 254.19 ± 0.20
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

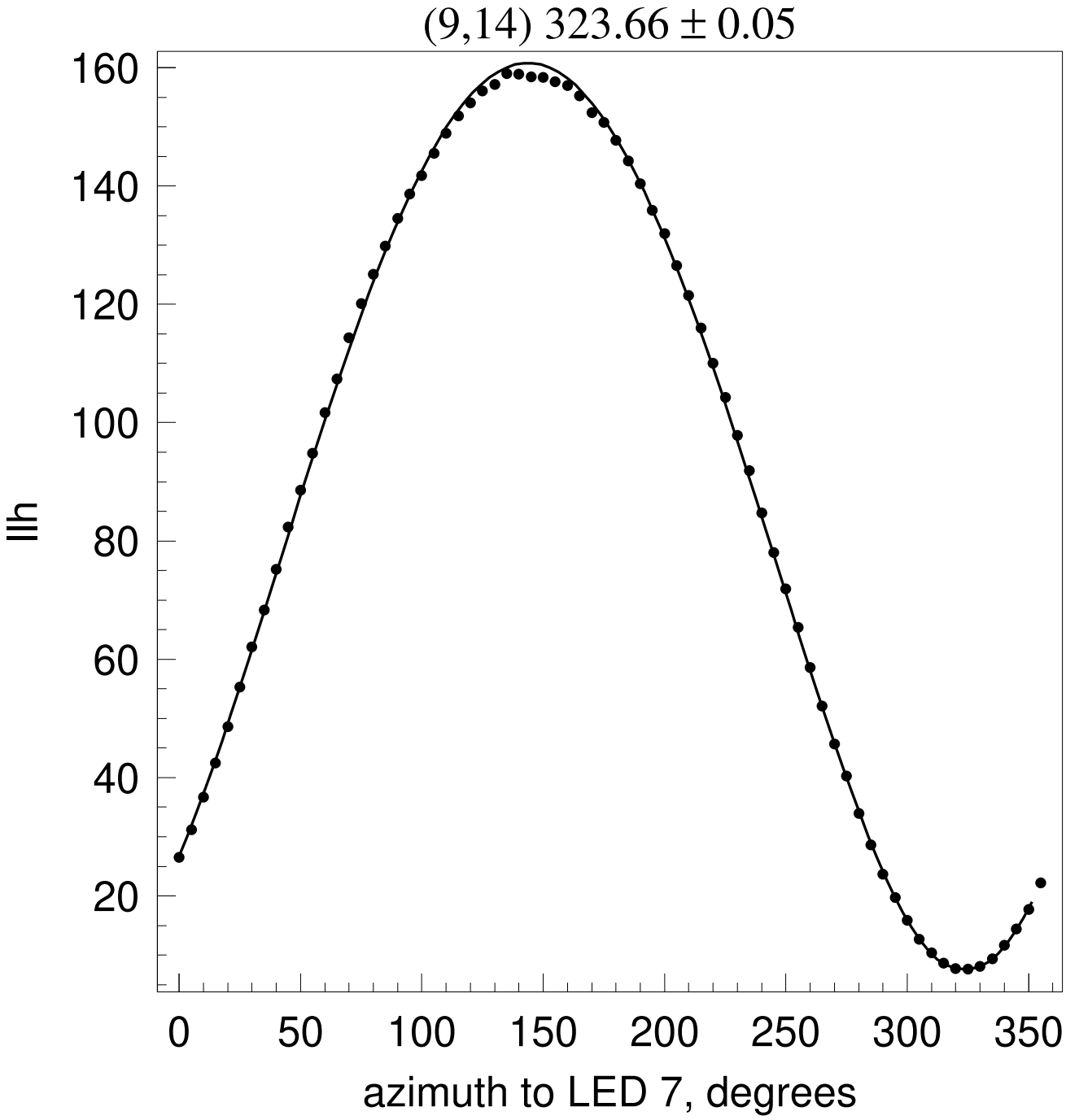

(9,9) 141.79 ± 1.44
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

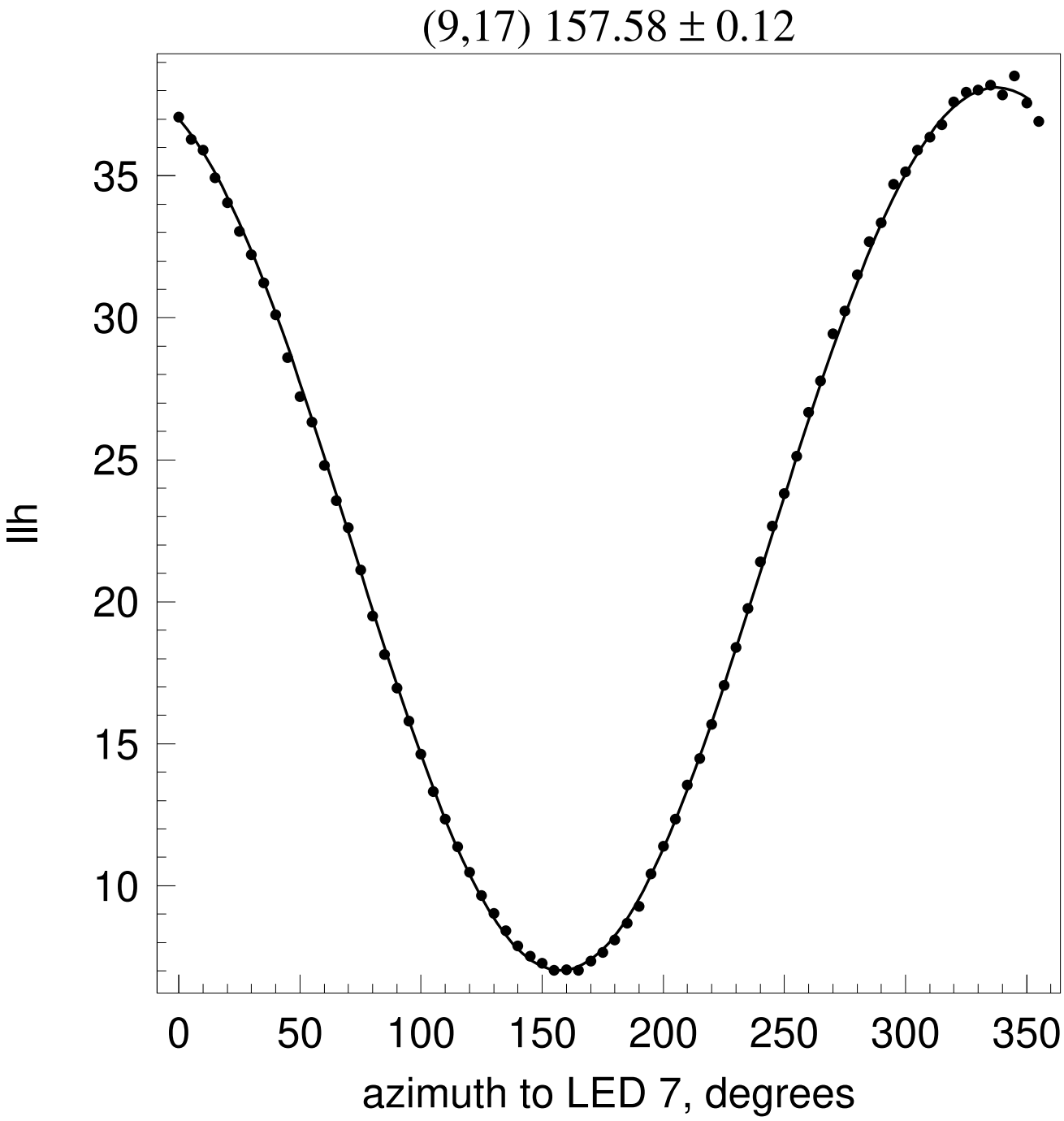

(9,10) 105.76 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

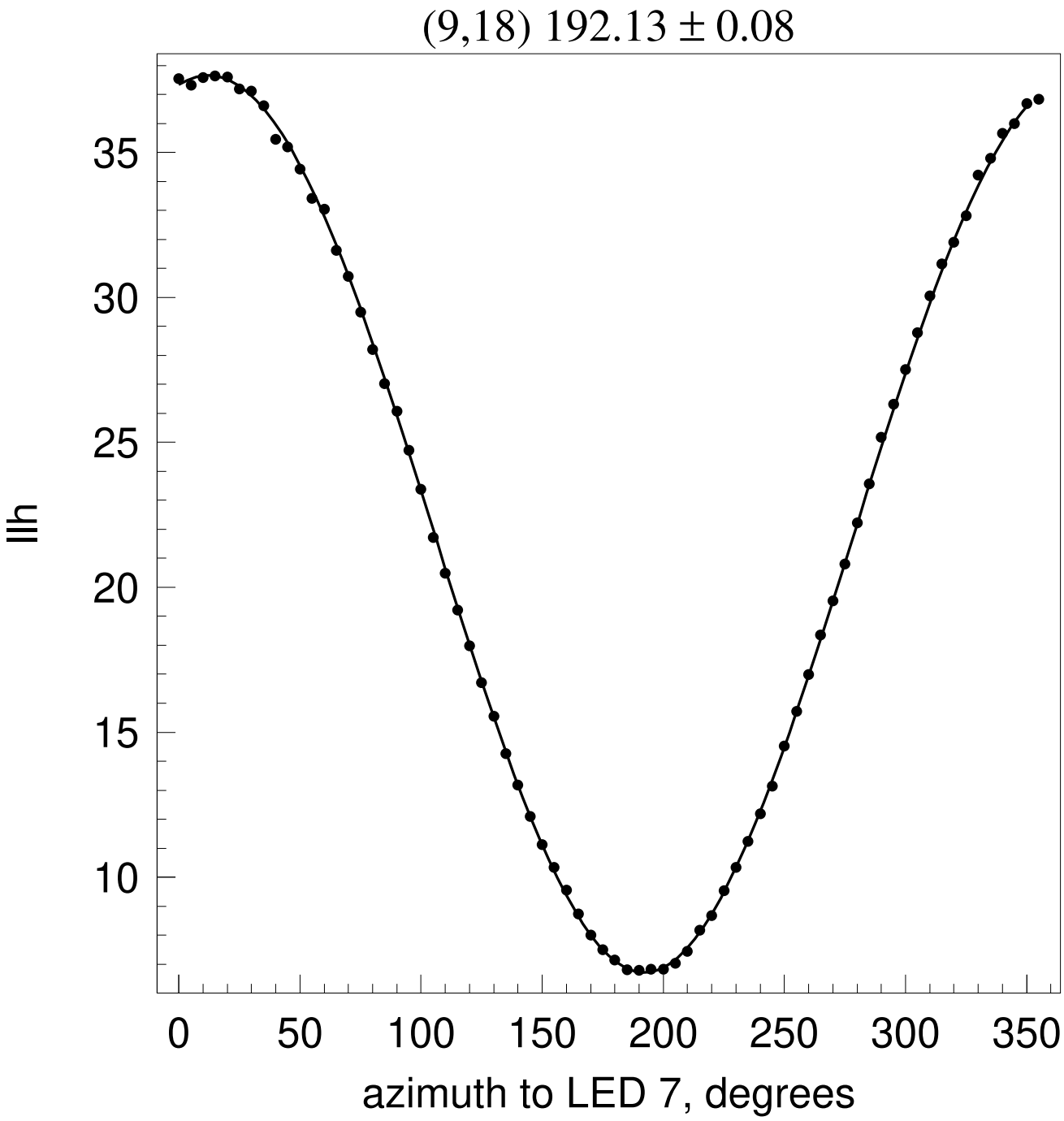

(9,11) 26.10 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

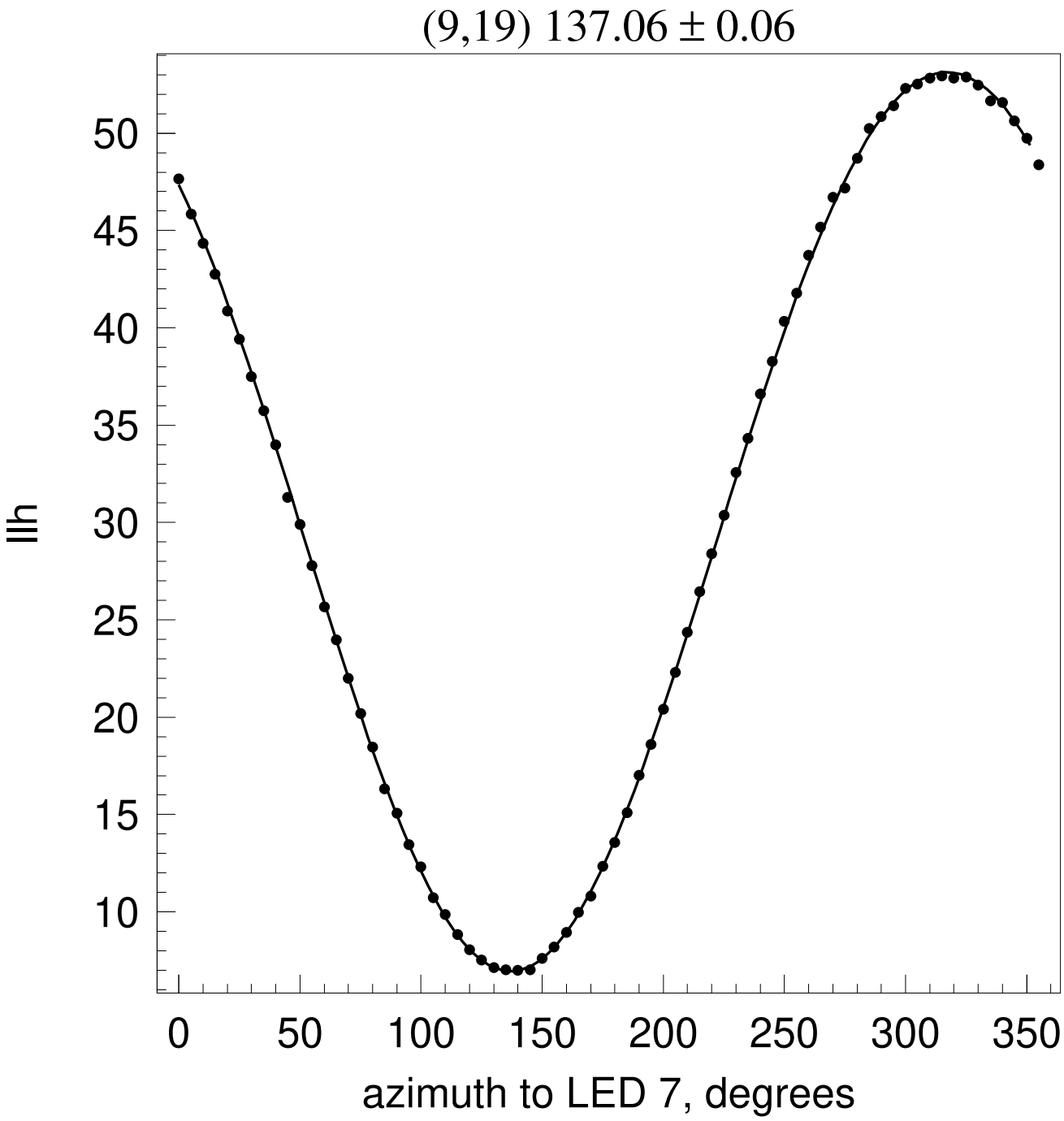

(9,12) 346.76 ± 0.11
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

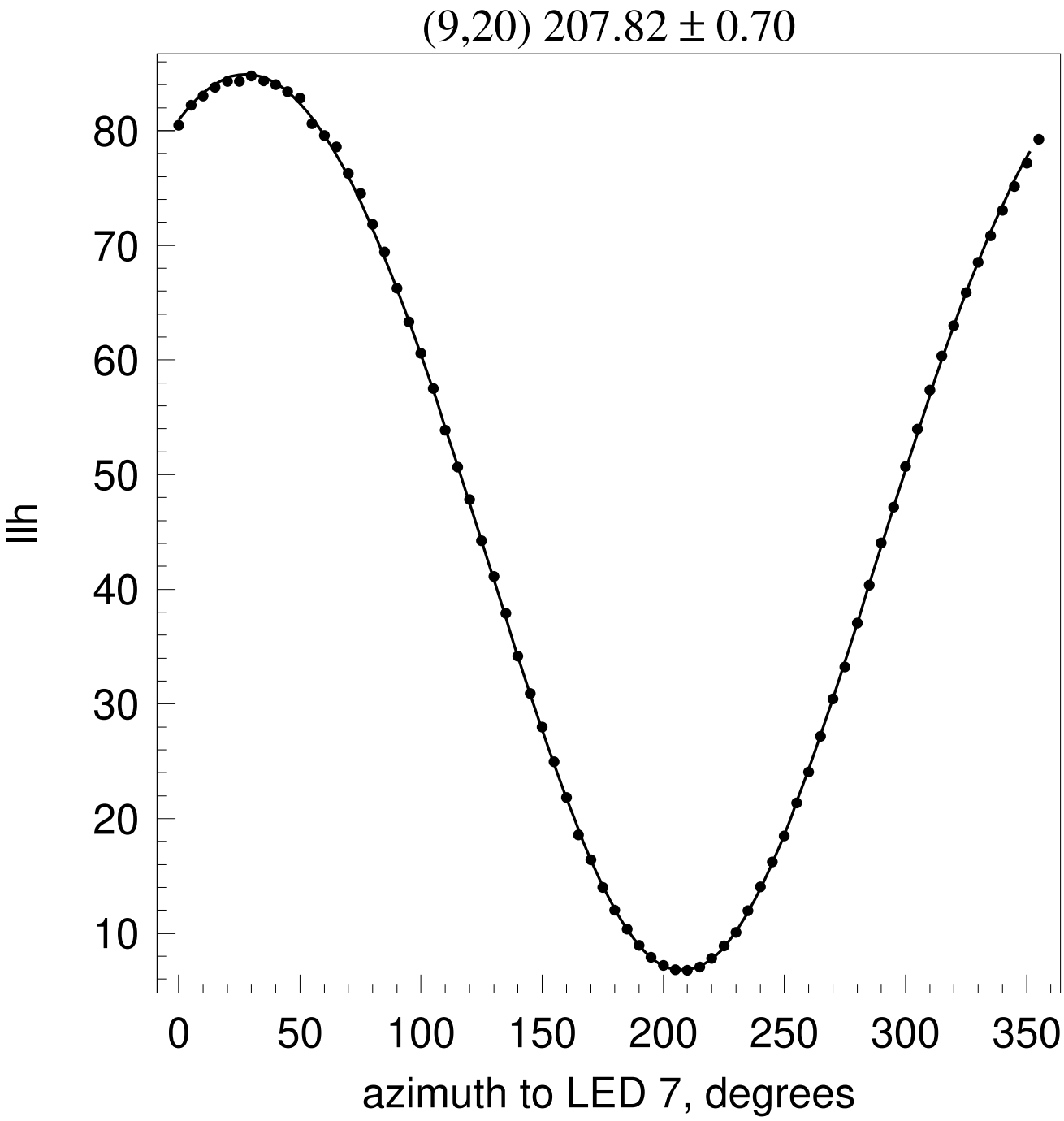

(9,13) 344.22 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

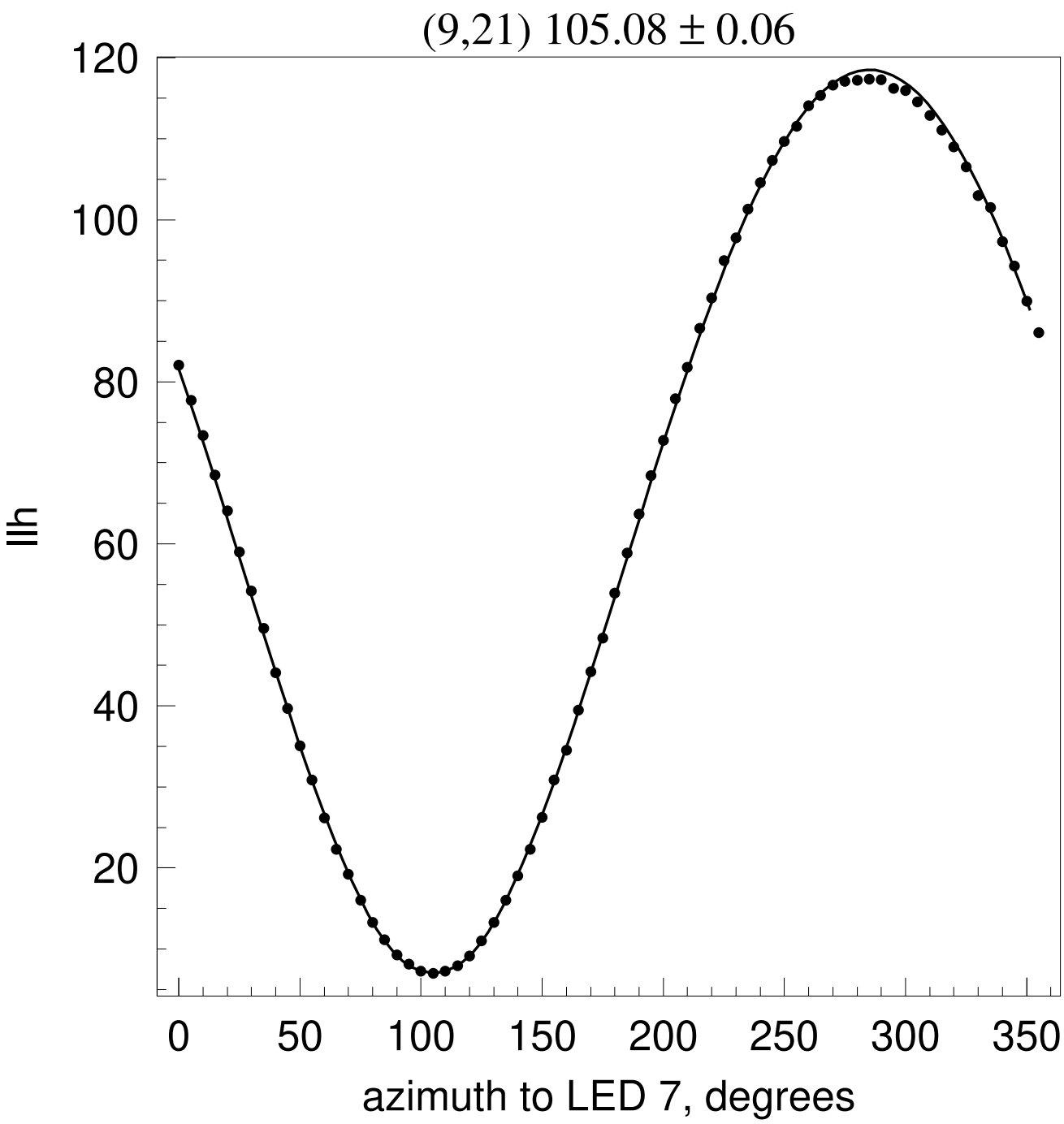

(9,14) 323.66 ± 0.05
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

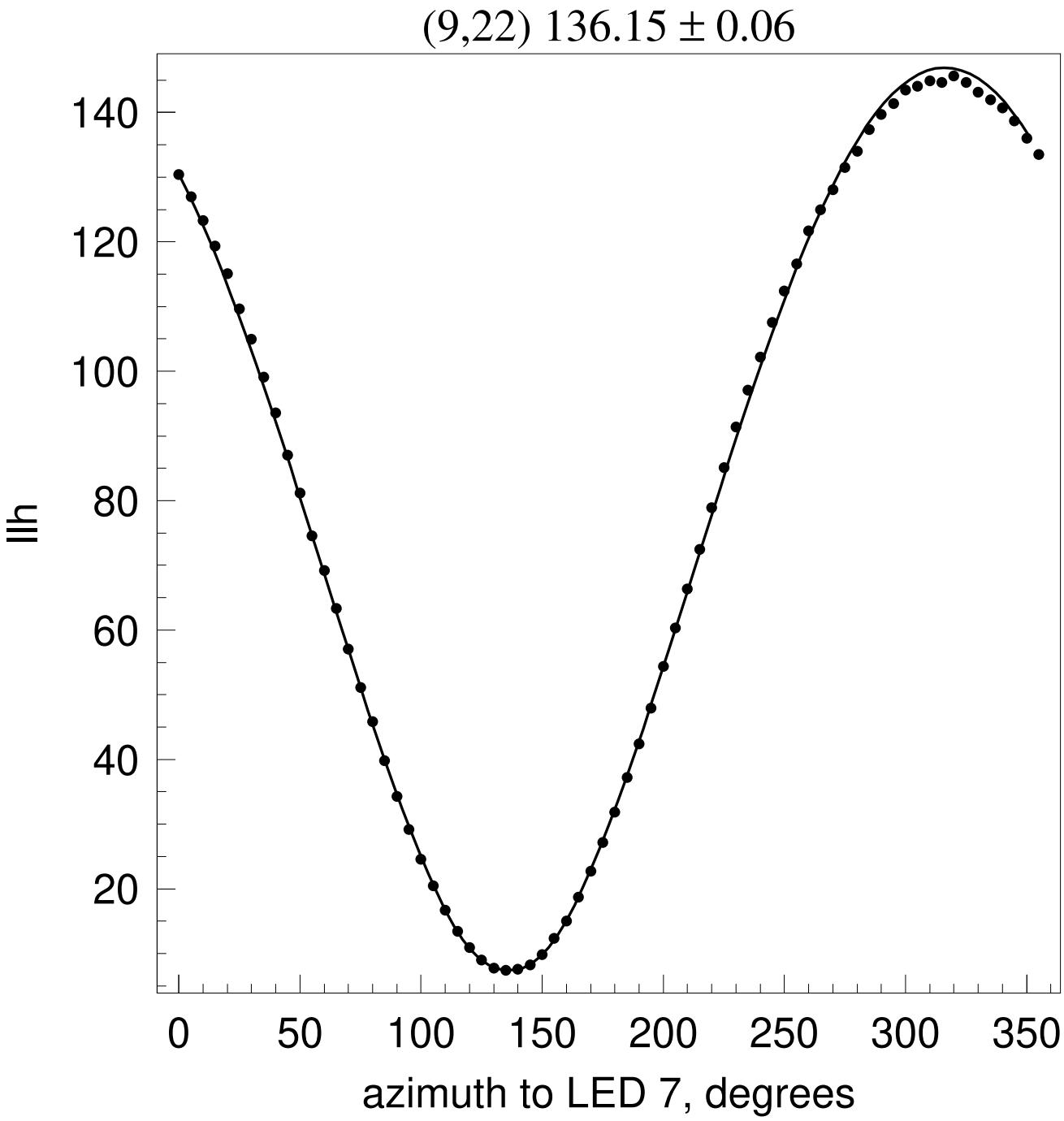

(9,17) 157.58 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

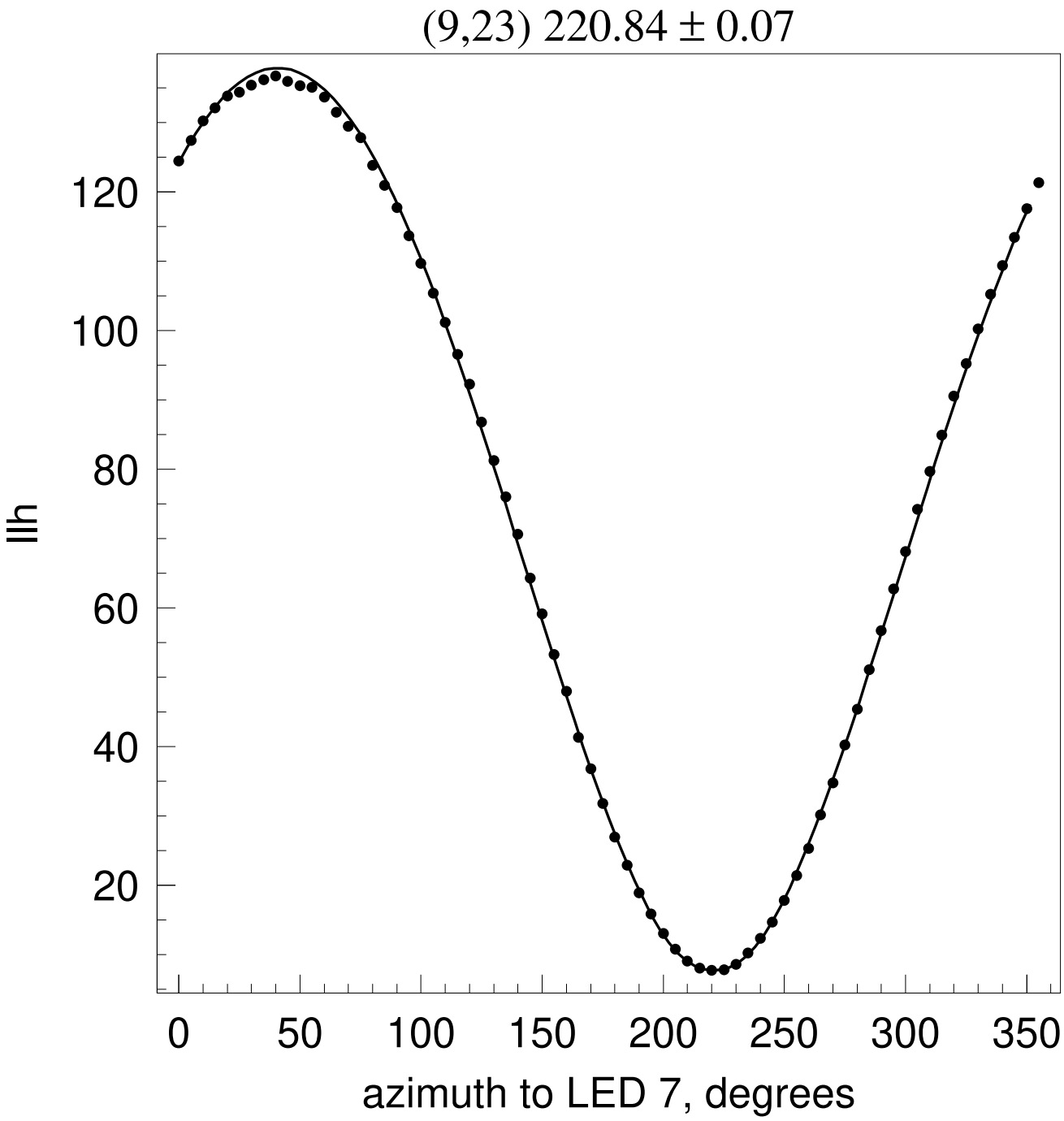

(9,18) 192.13 ± 0.08
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

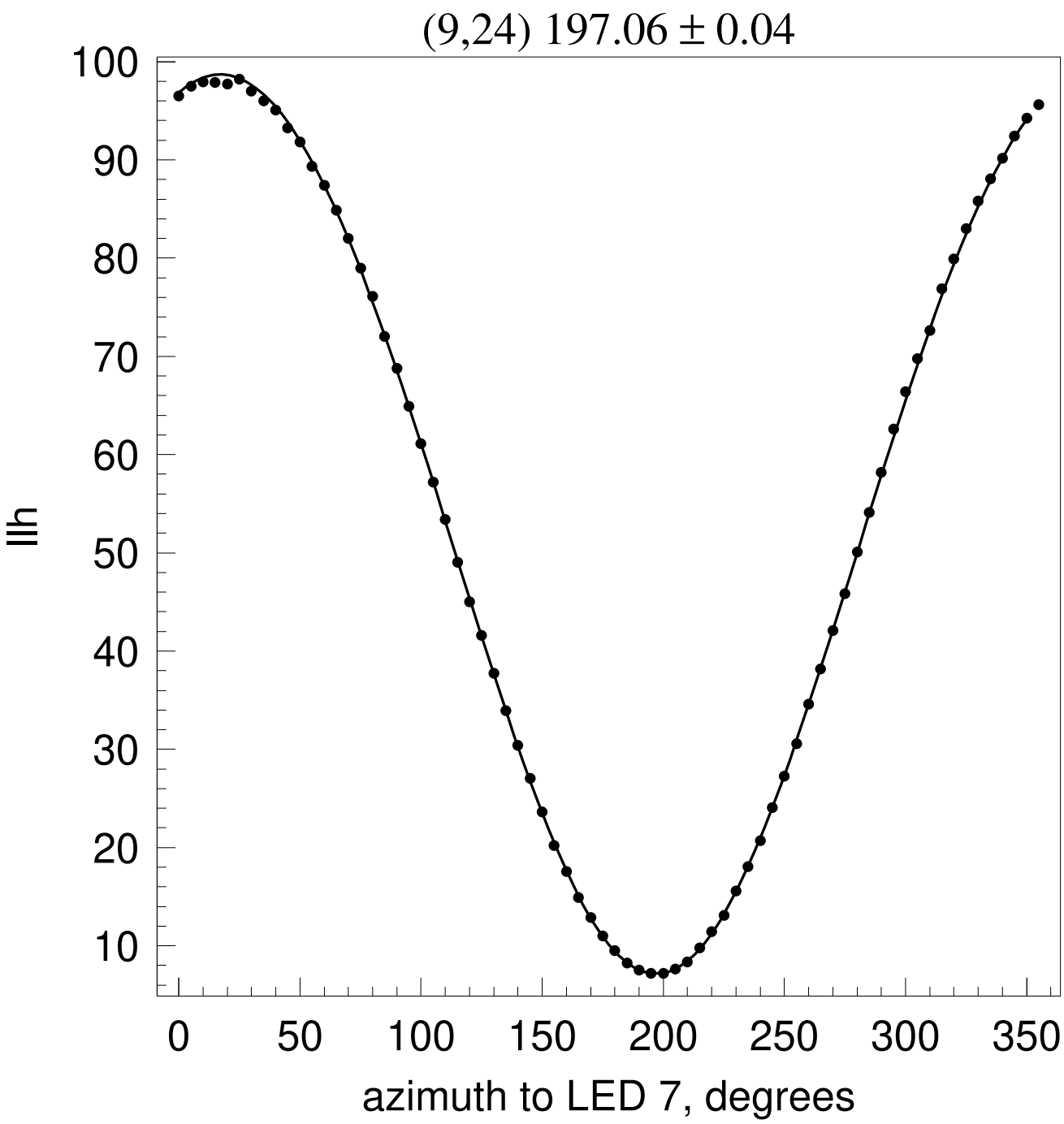

(9,19) 137.06 ± 0.06
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

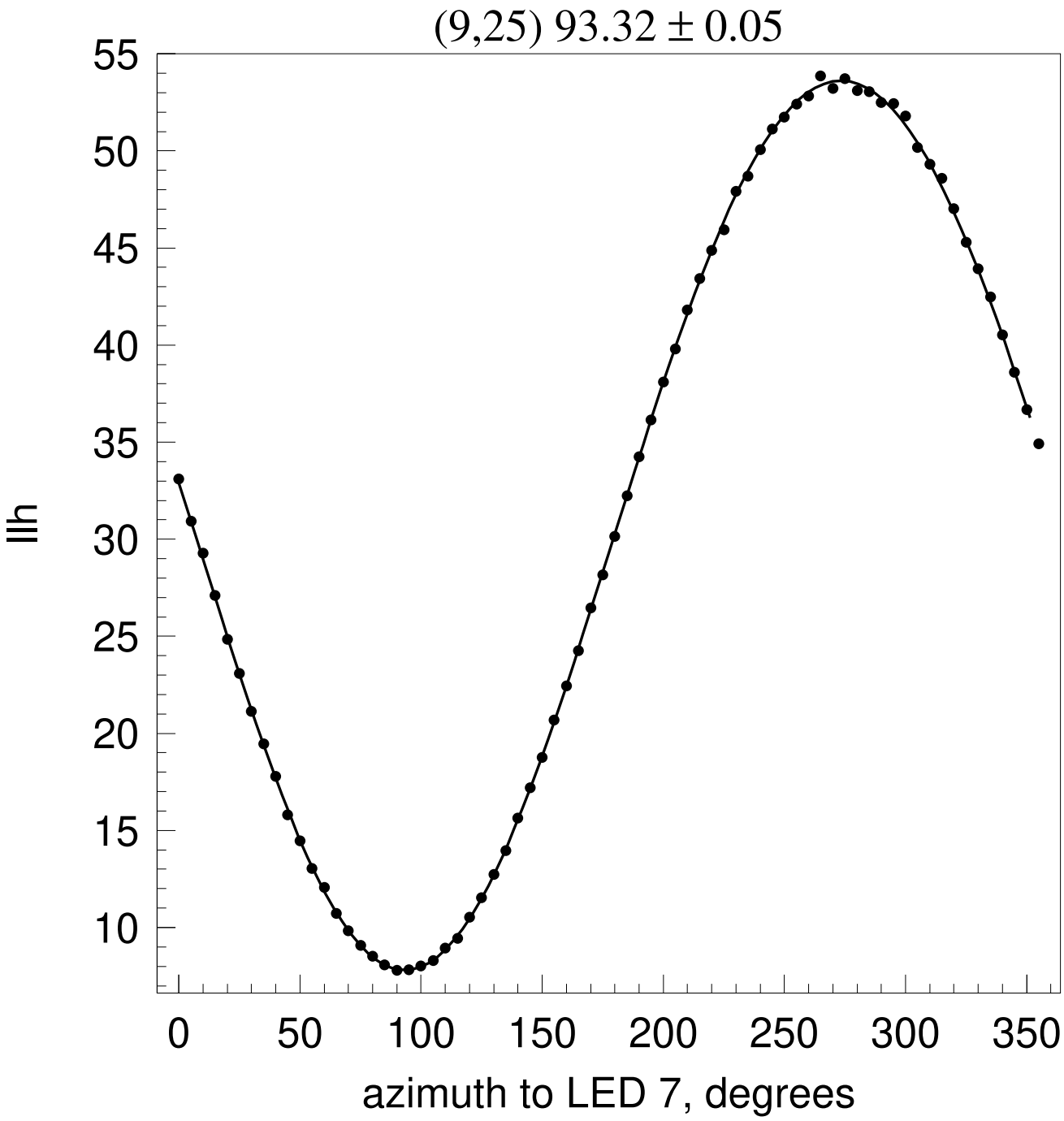

(9,20) 207.82 ± 0.70
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

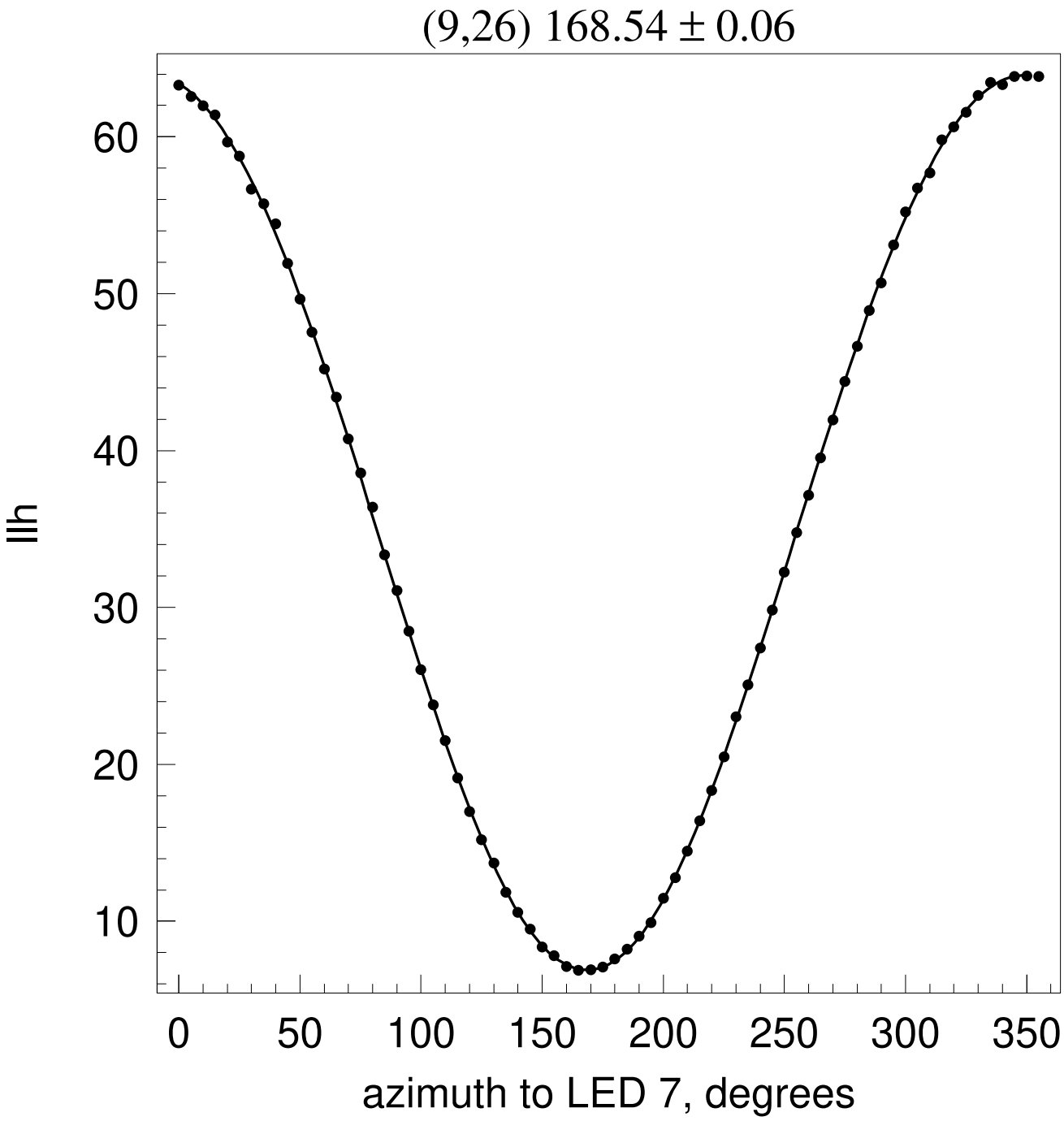

(9,21) 105.08 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

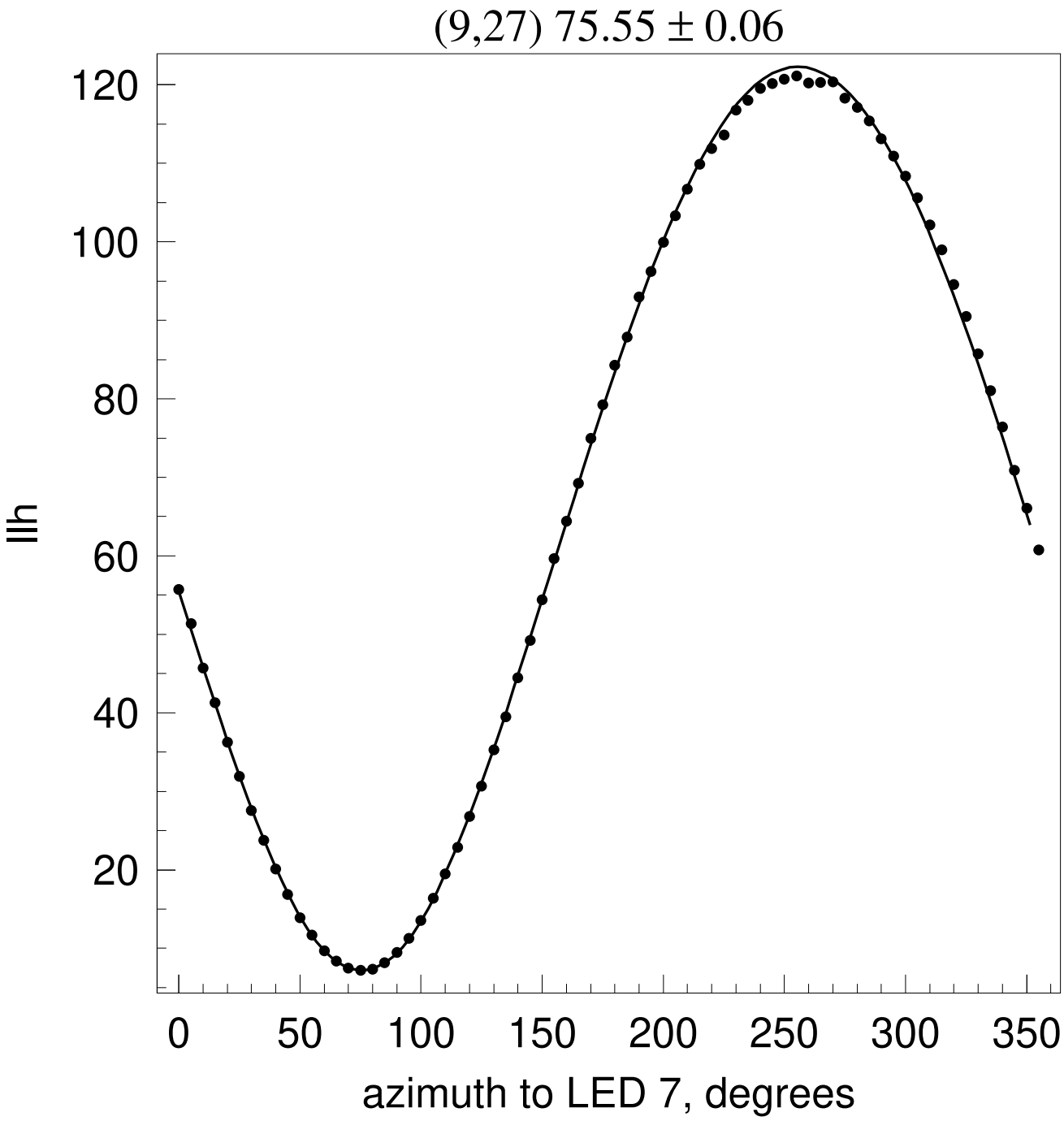

(9,22) 136.15 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

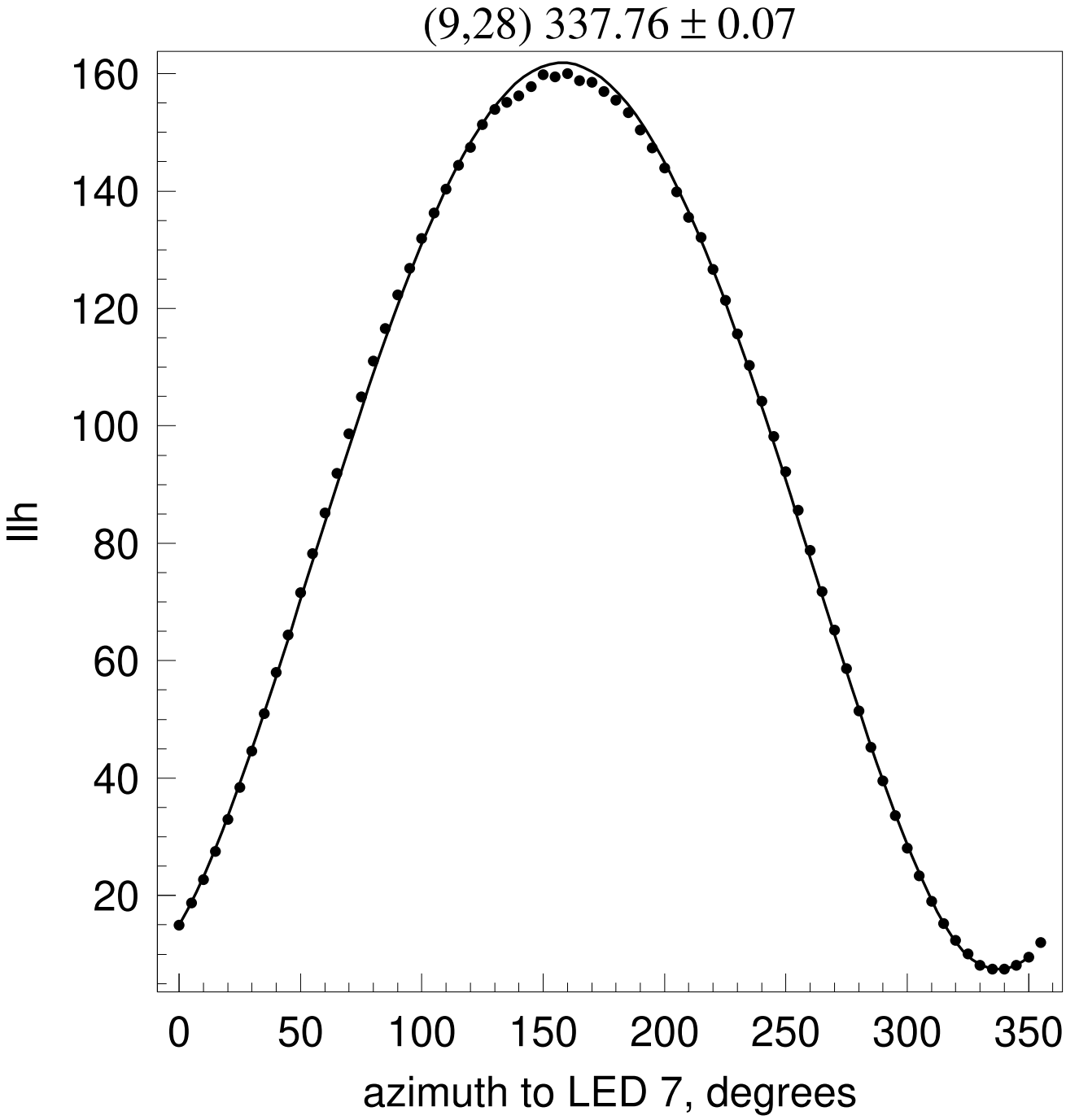

(9,23) 220.84 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

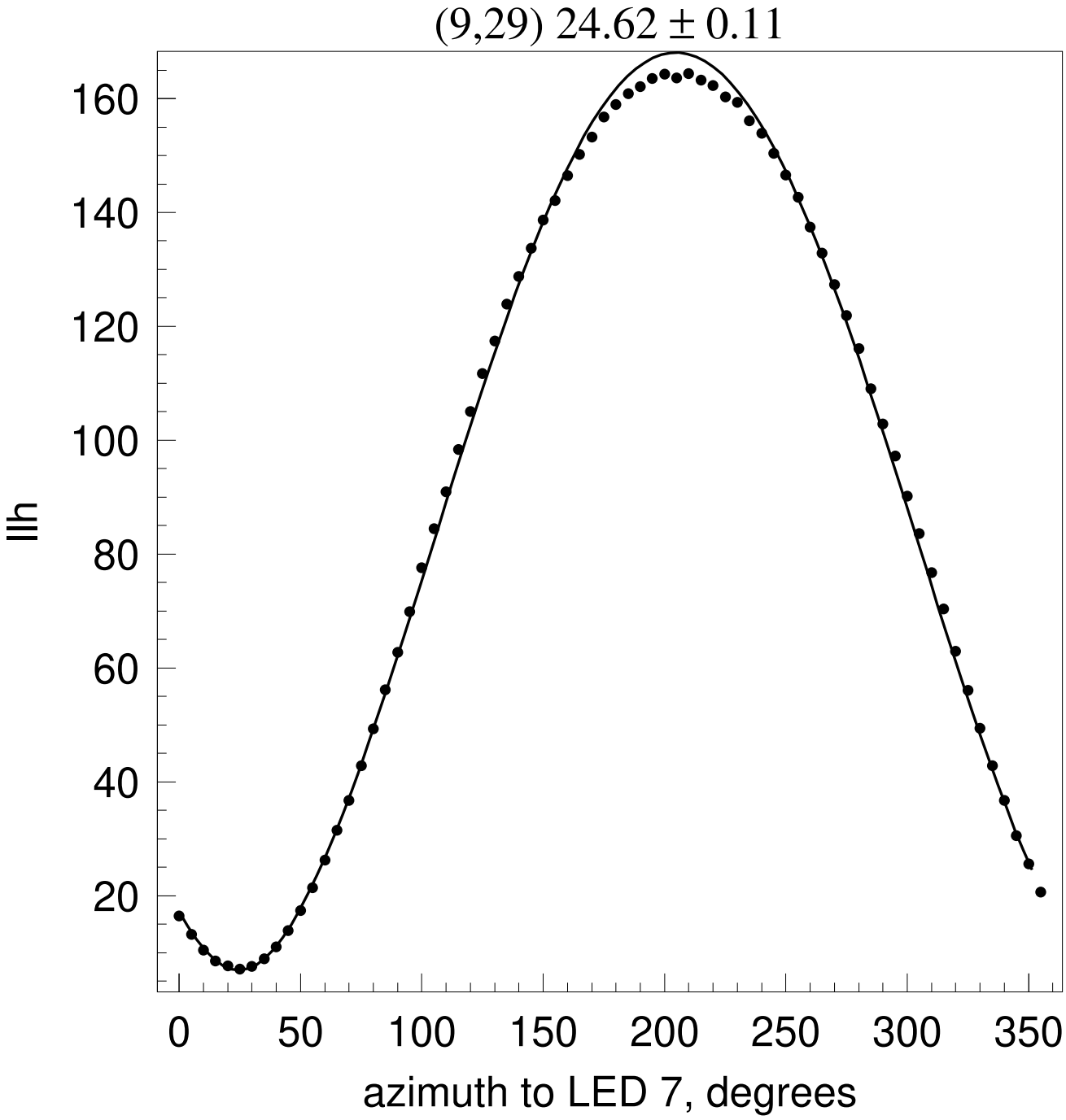

(9,24) 197.06 ± 0.04
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

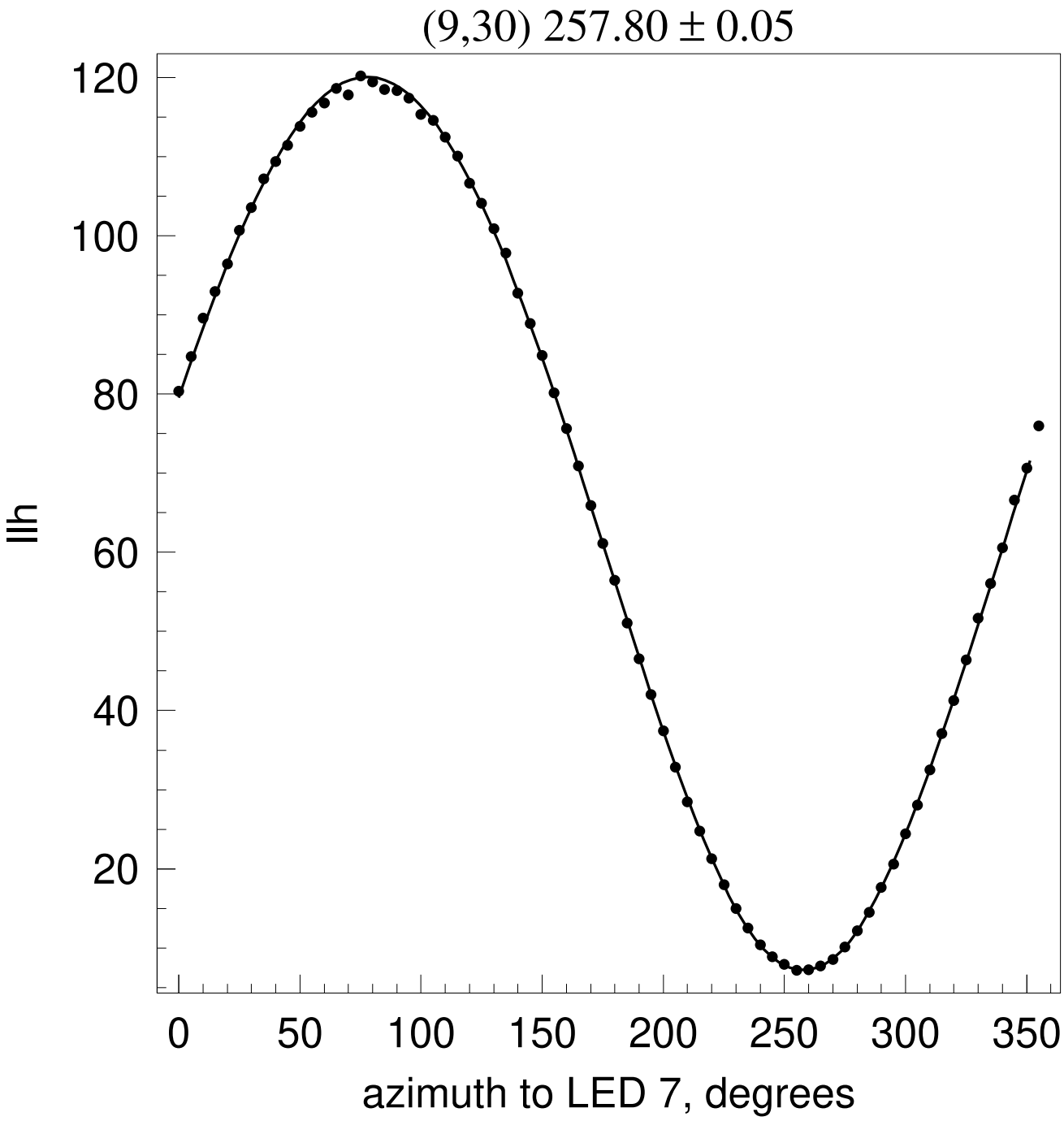

(9,25) 93.32 ± 0.05
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

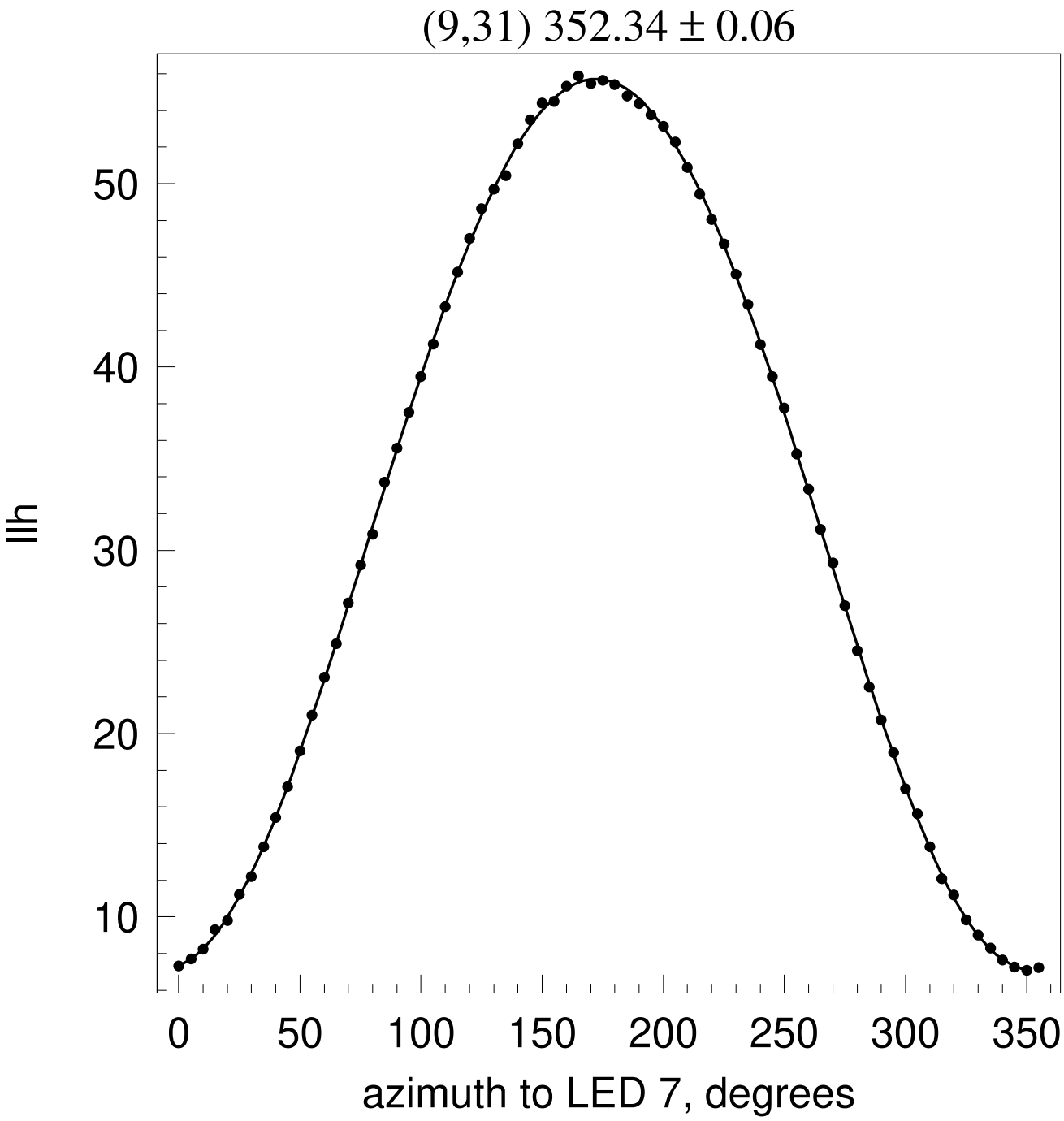

(9,26) 168.54 ± 0.06
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

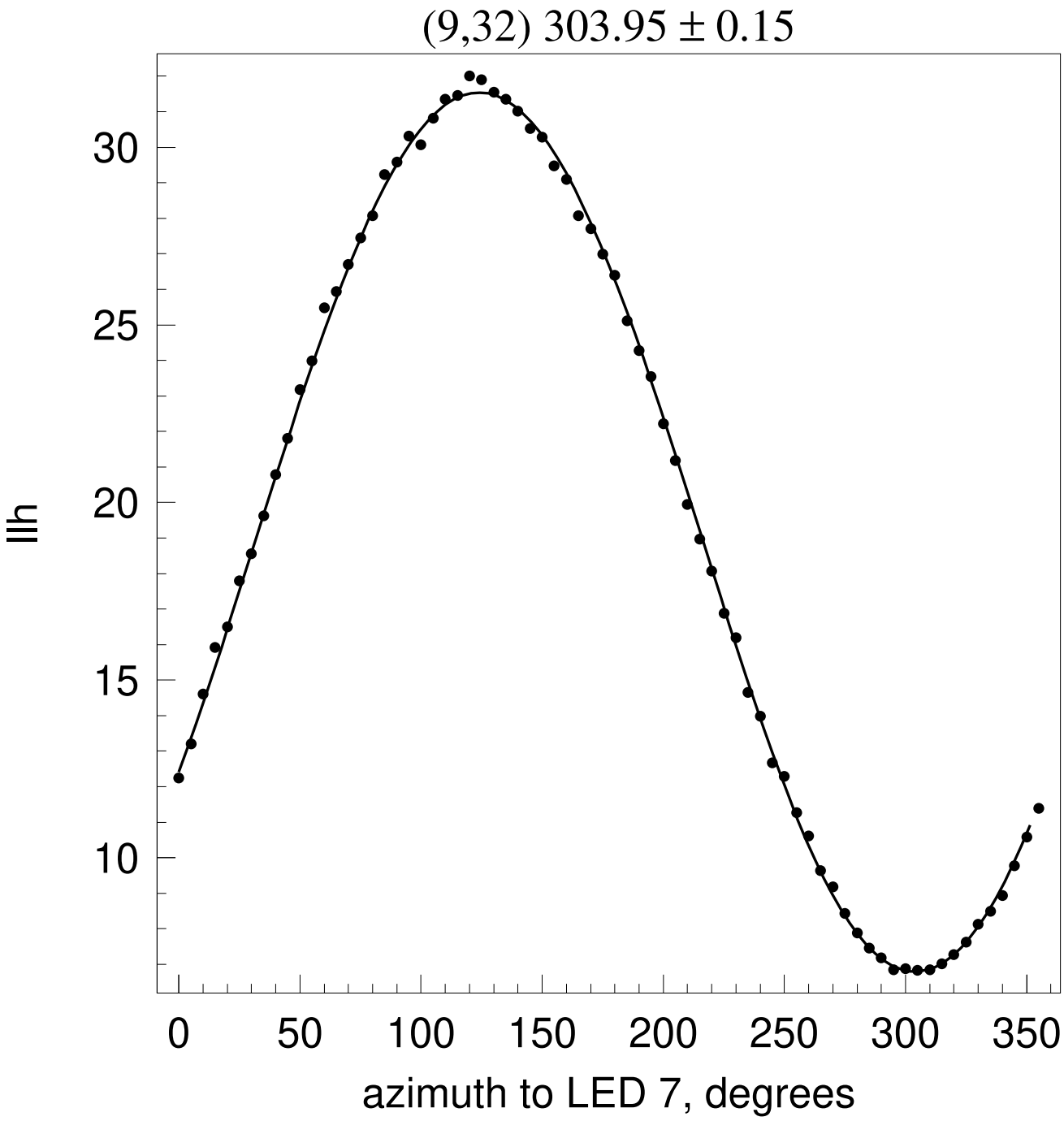

(9,27) 75.55 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

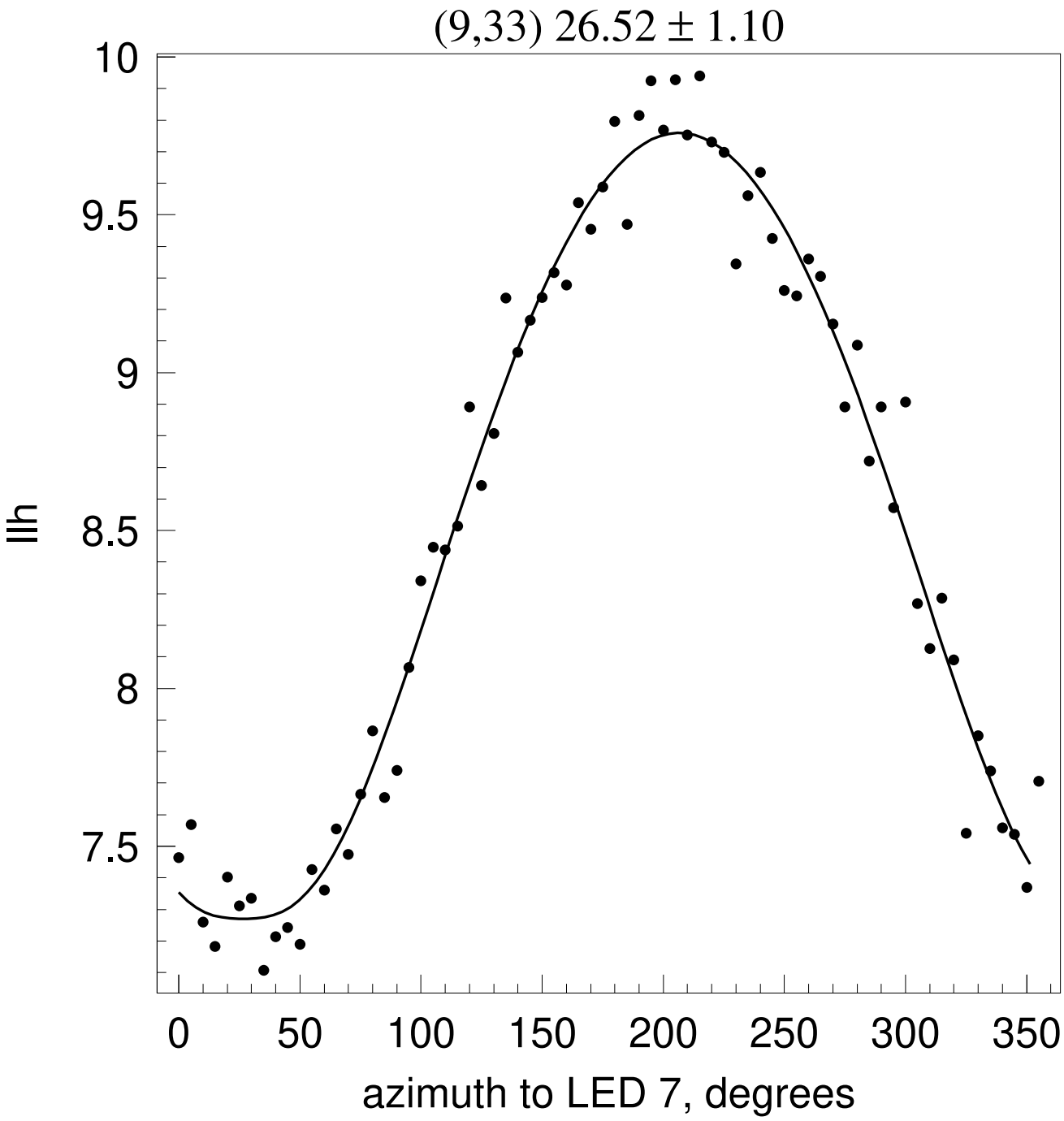

(9,28) 337.76 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

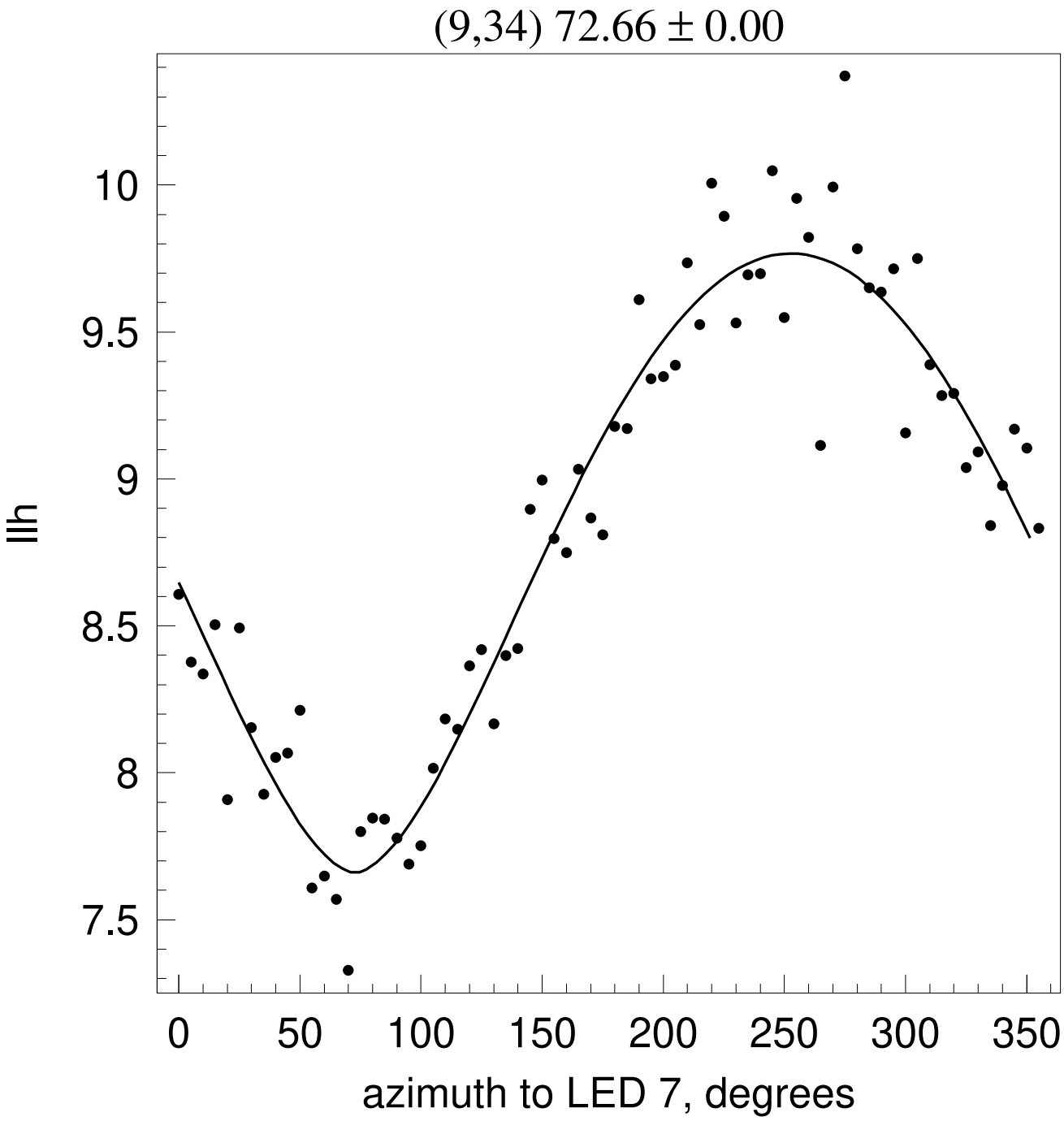

(9,29) 24.62 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

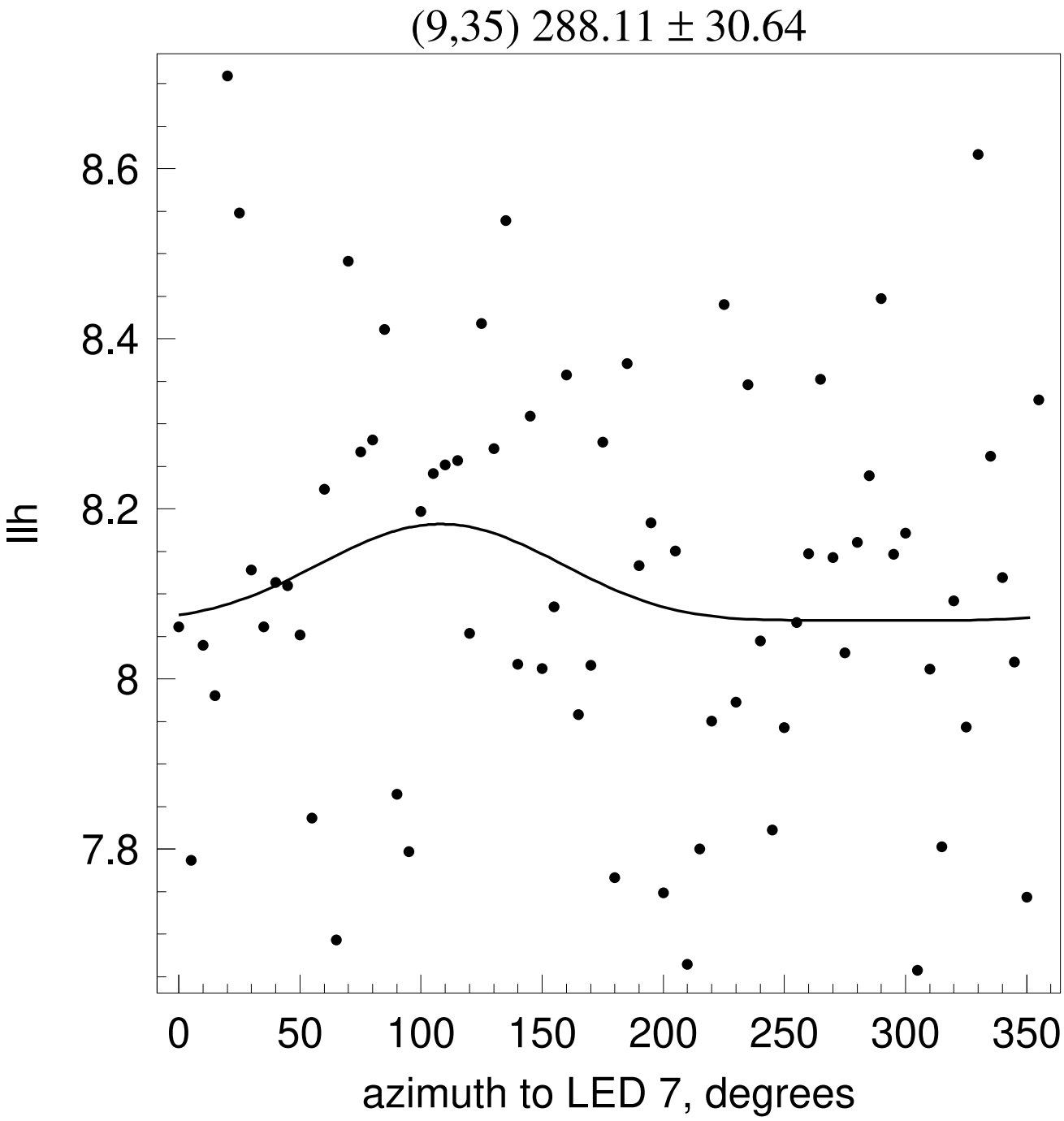

(9,30) 257.80 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

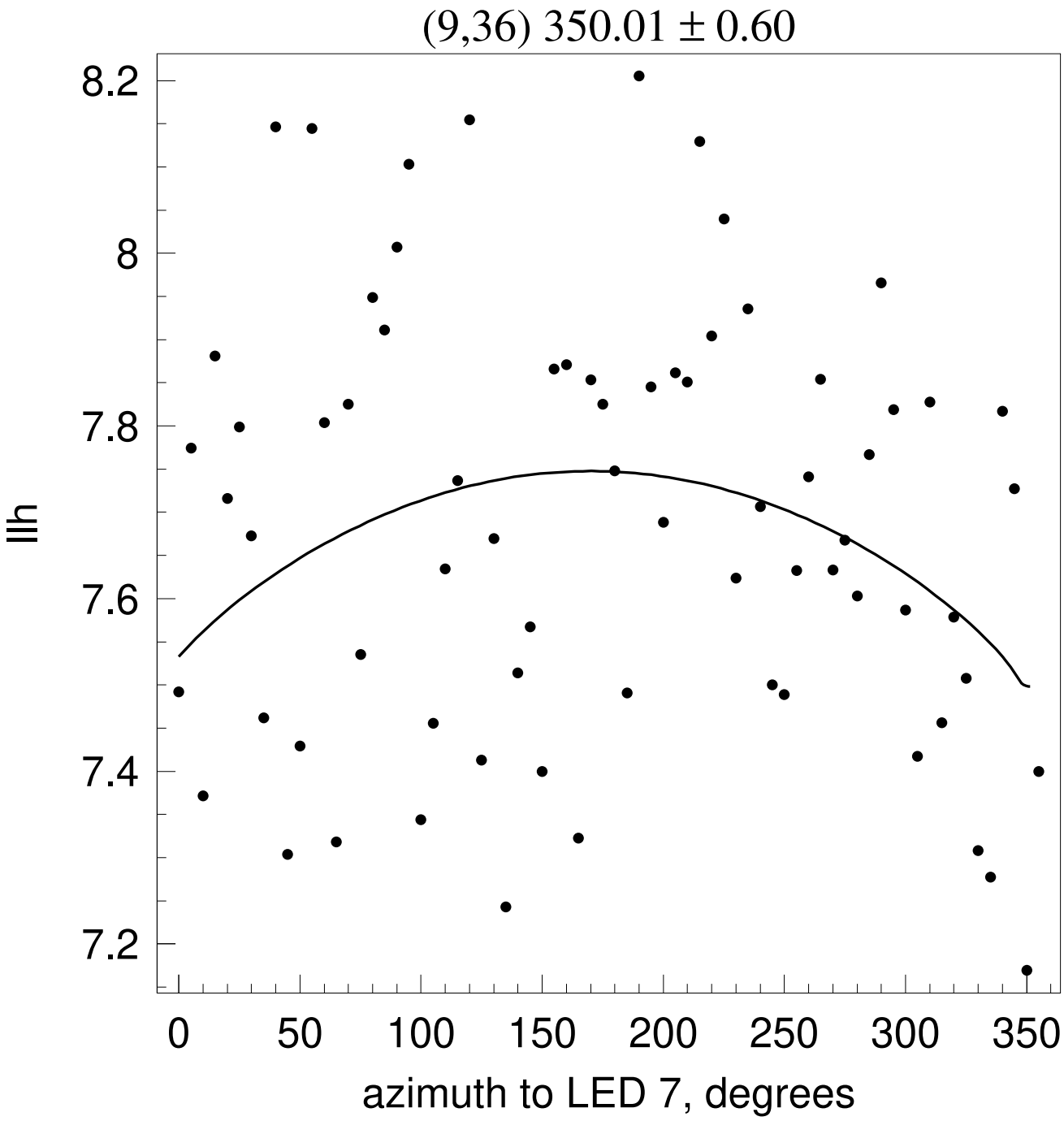

(9,31) 352.34 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

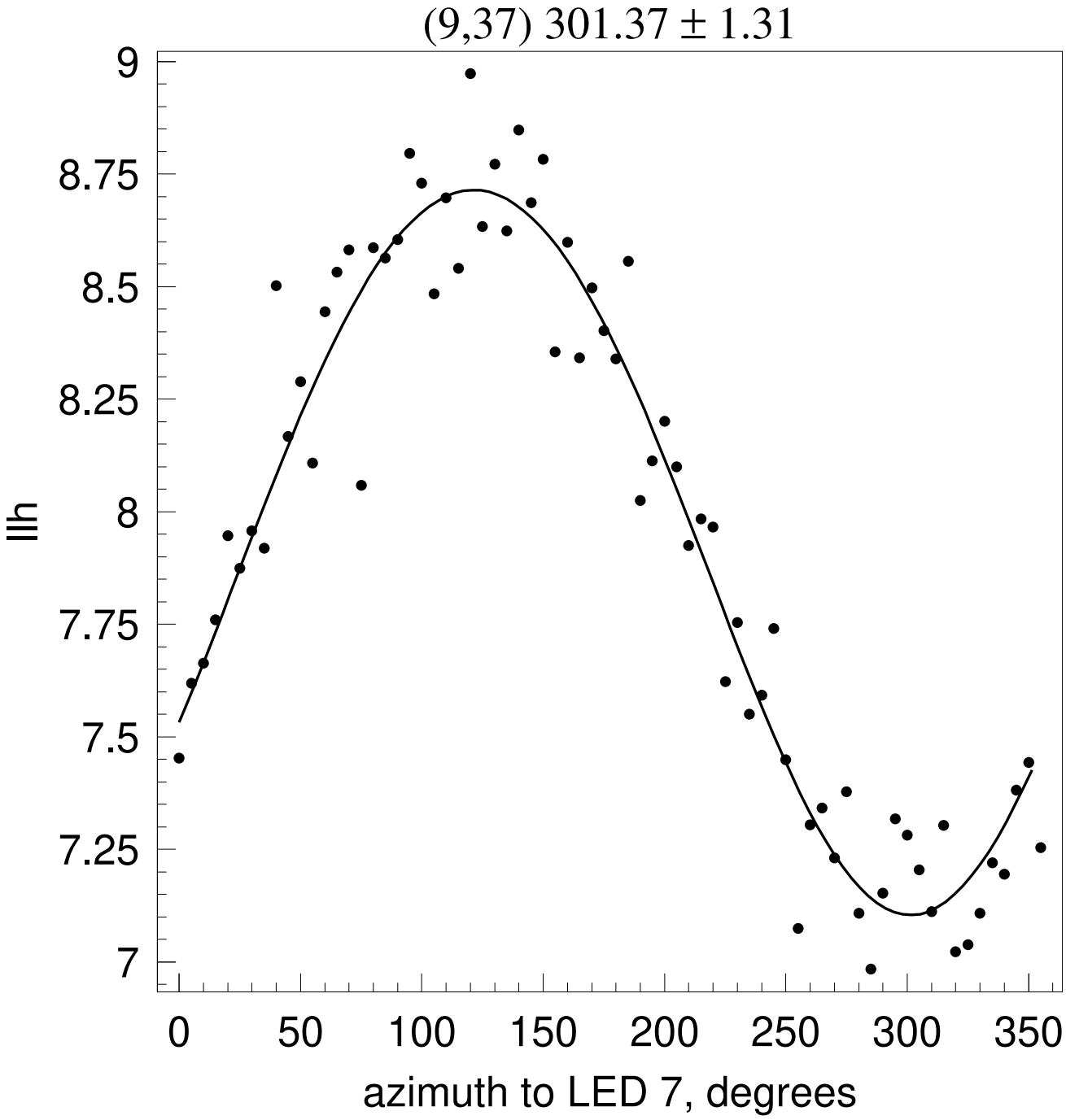

(9,32) 303.95 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

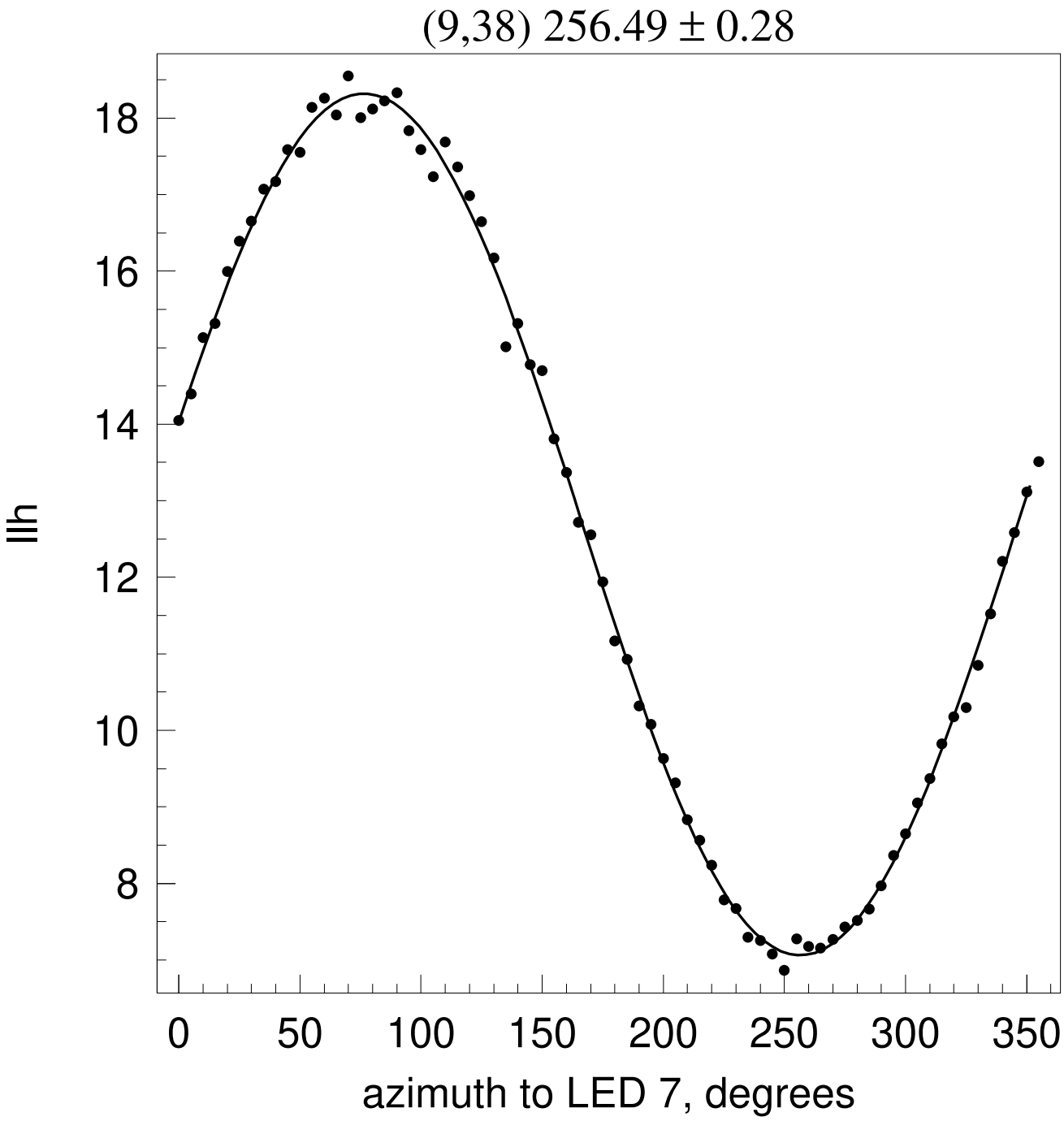

(9,33) 26.52 ± 1.10
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

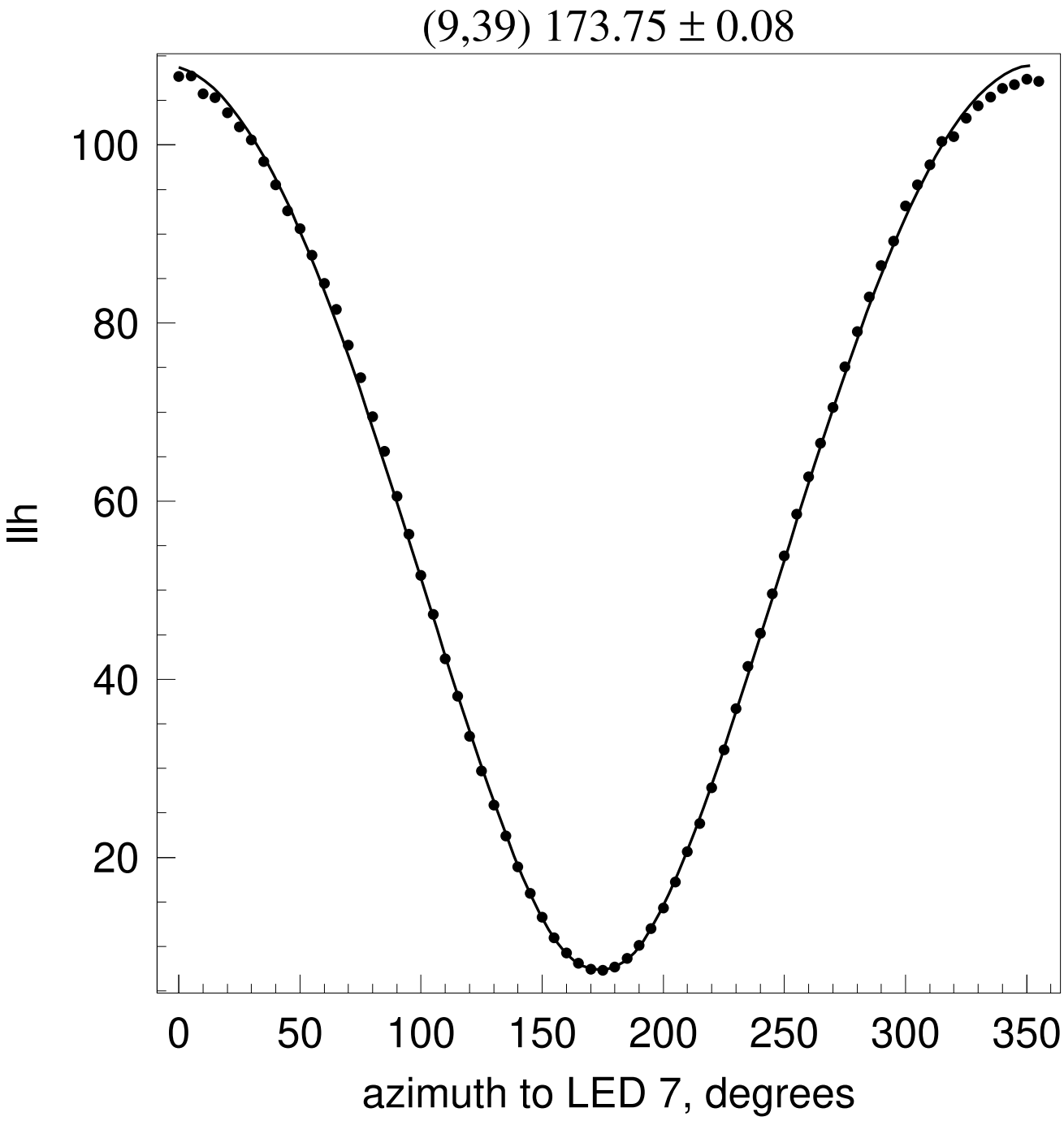

(9,34) 72.66 ± 0.00
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

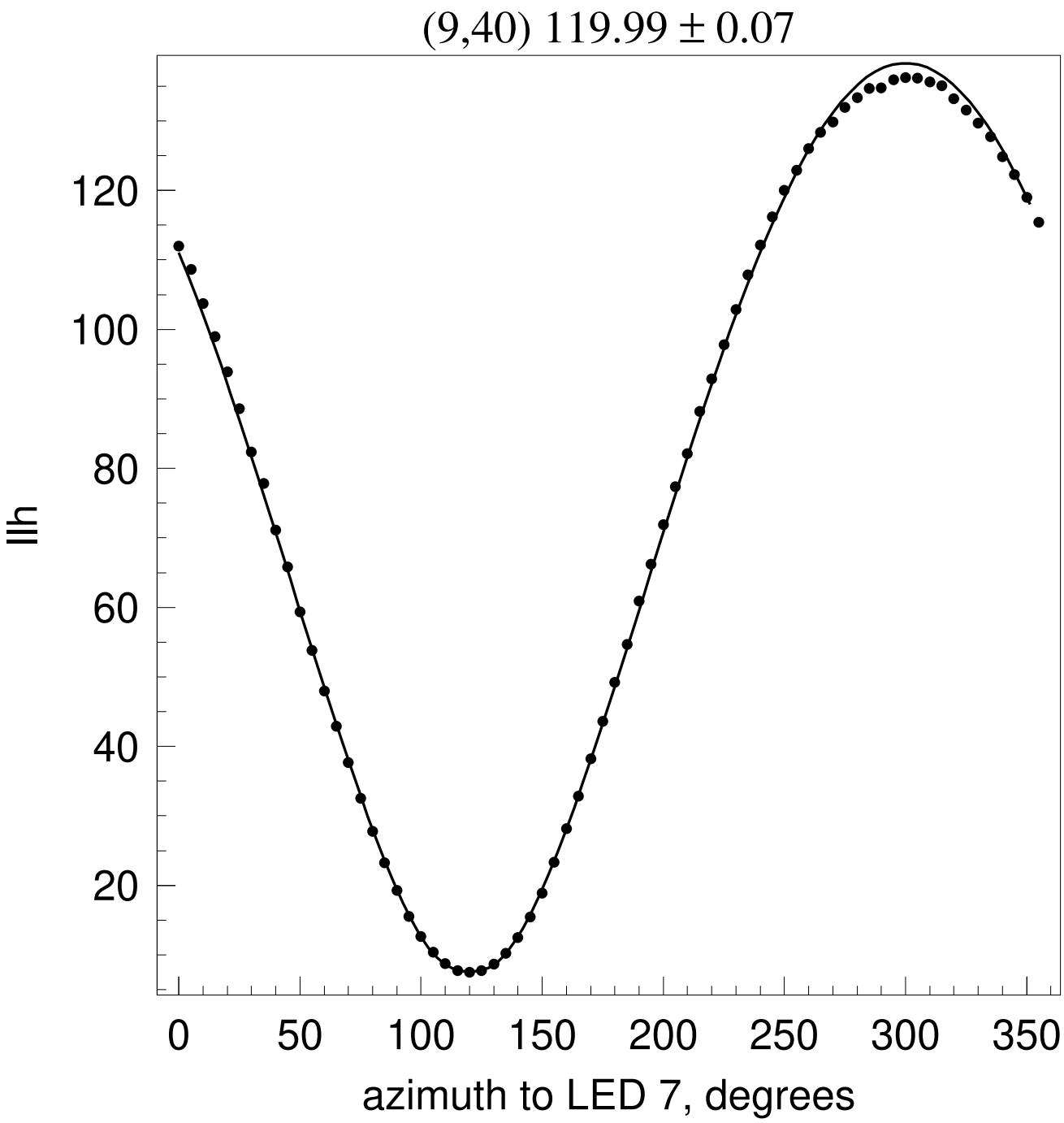

(9,35) 288.11 ± 30.64
8.6
8.4
8.2
8
7.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

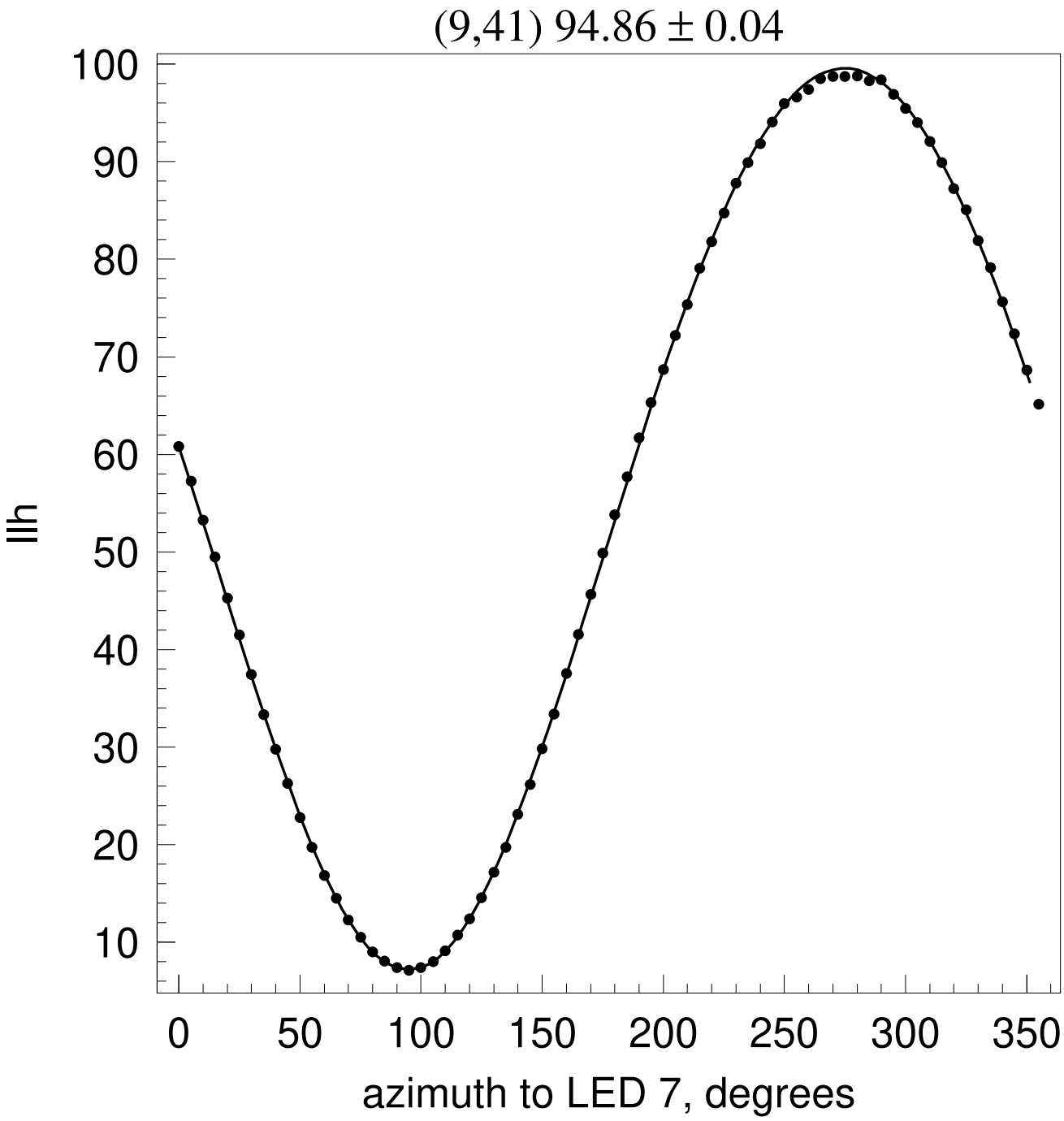

(9,36) 350.01 ± 0.60
8.2
8
7.8
7.6
7.4
7.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

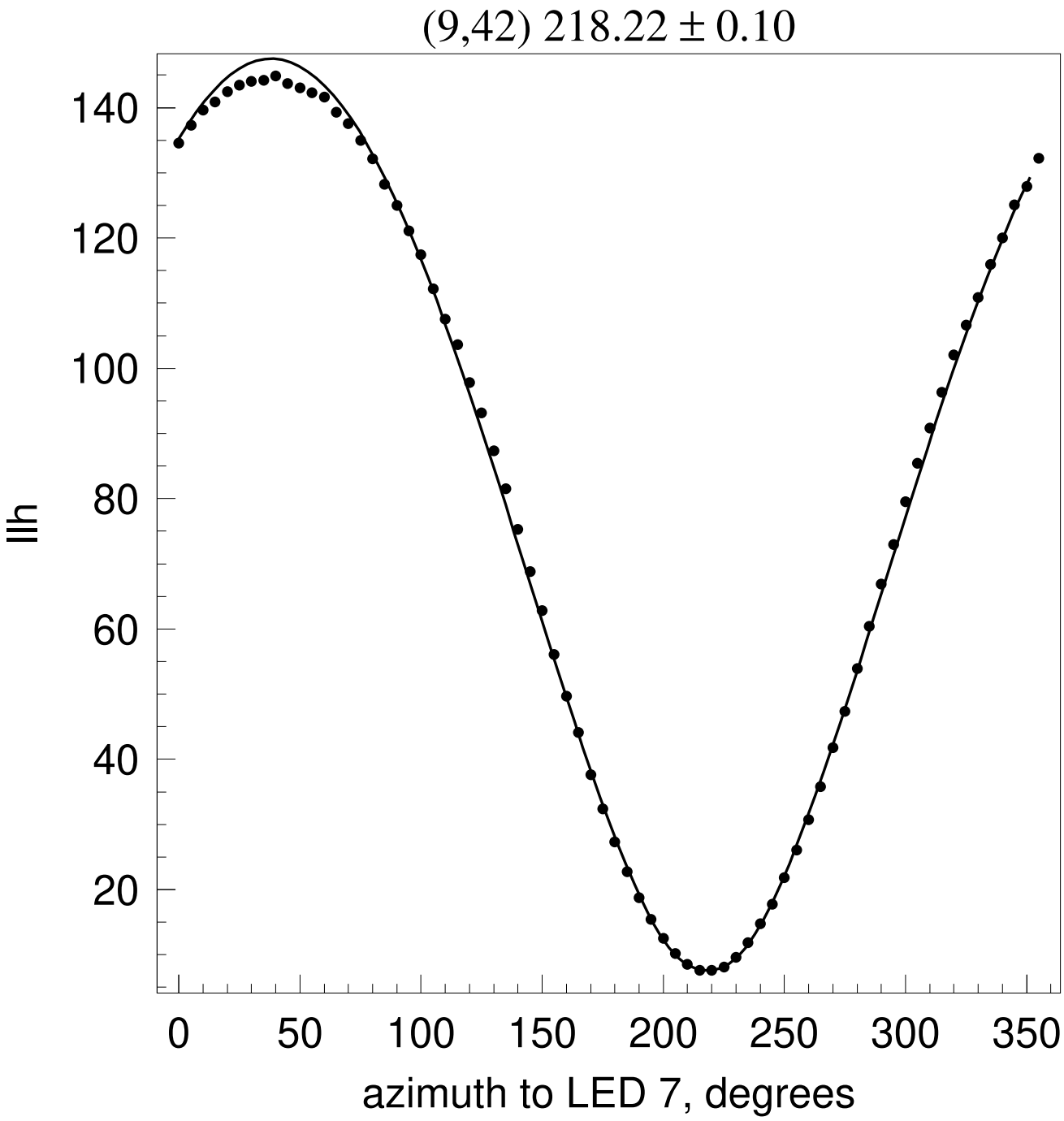

(9,37) 301.37 ± 1.31
9
8.75
8.5
8.25
8
7.75
7.5
7.25
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

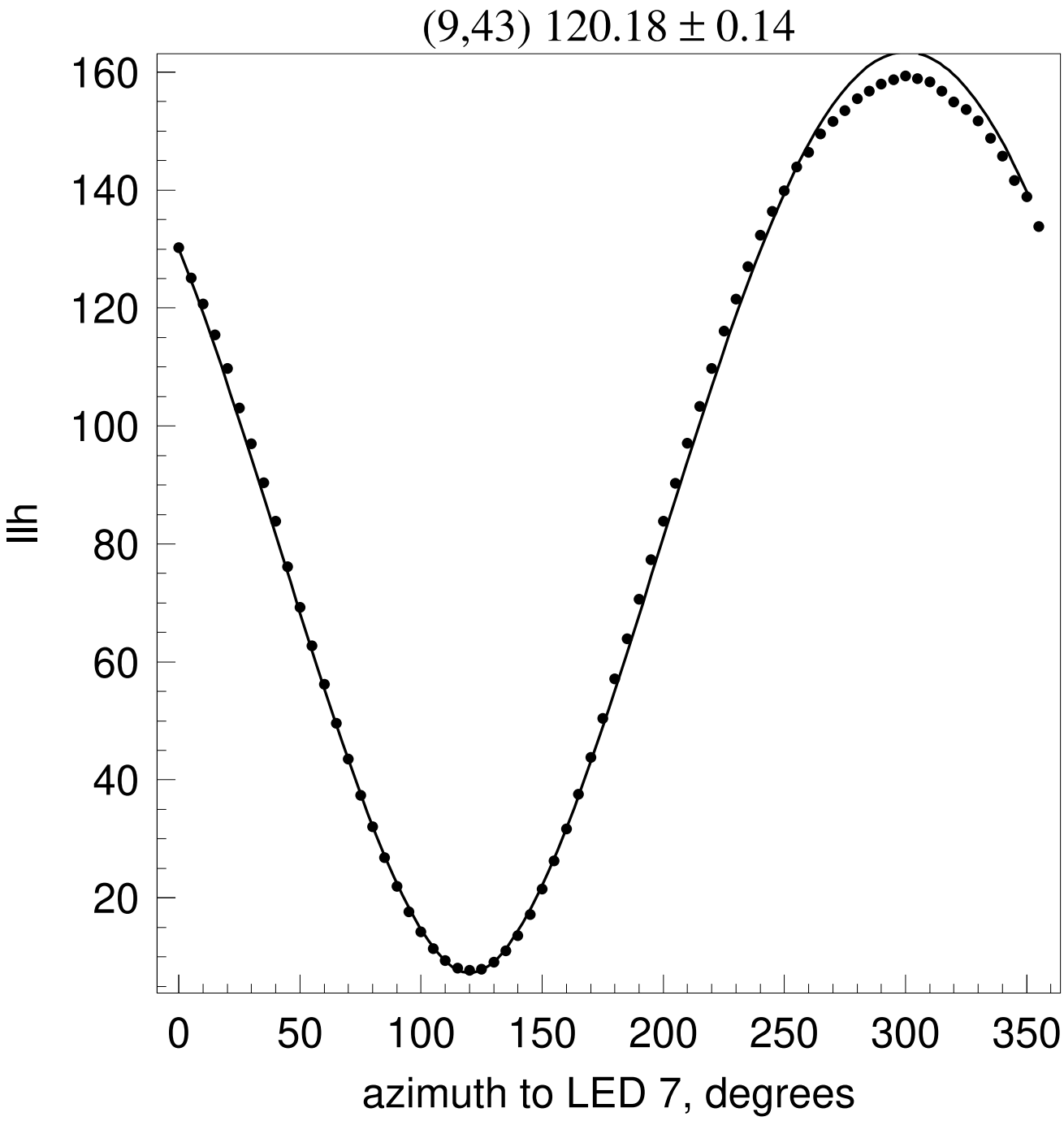

(9,38) 256.49 ± 0.28
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

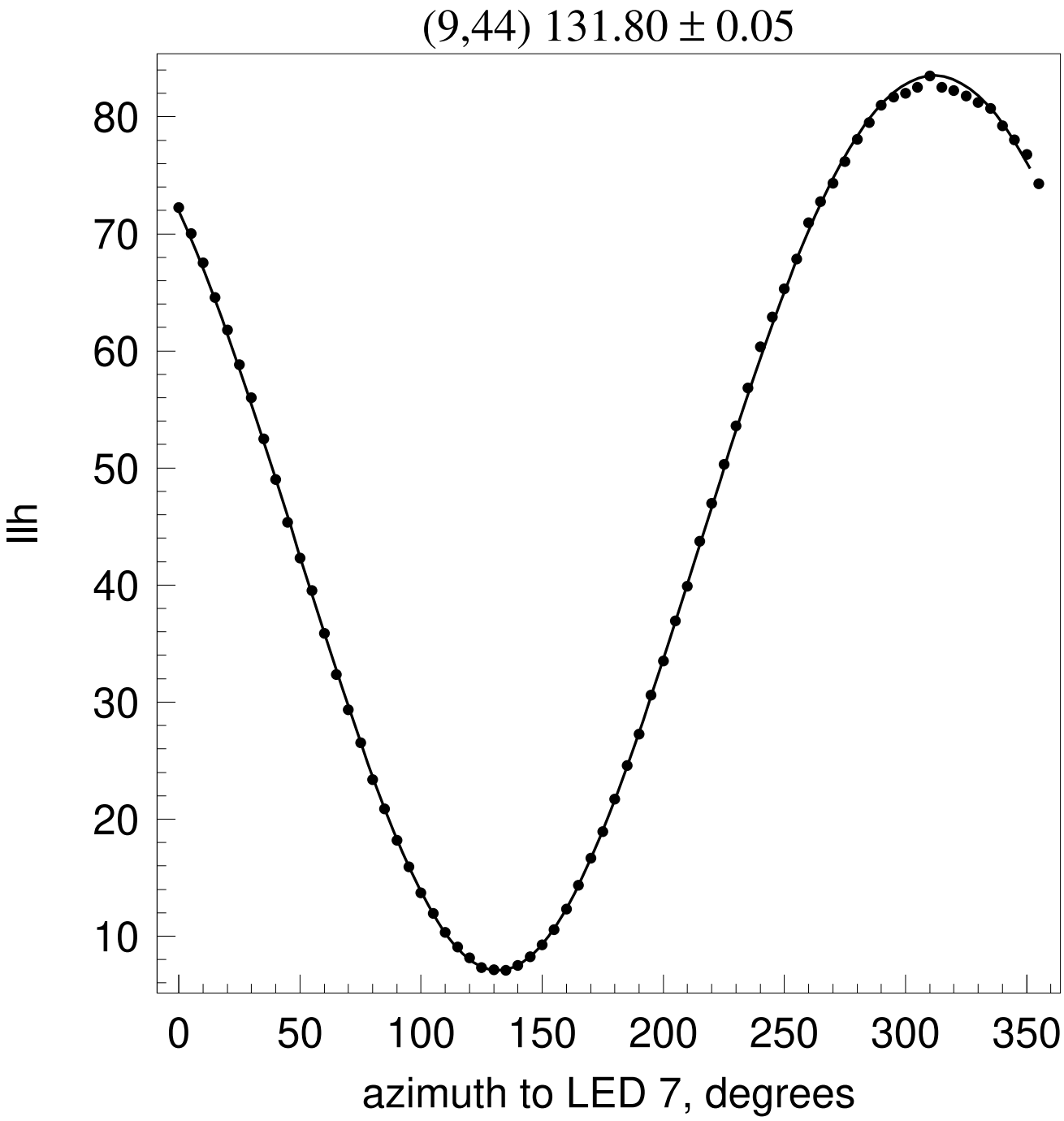

(9,39) 173.75 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

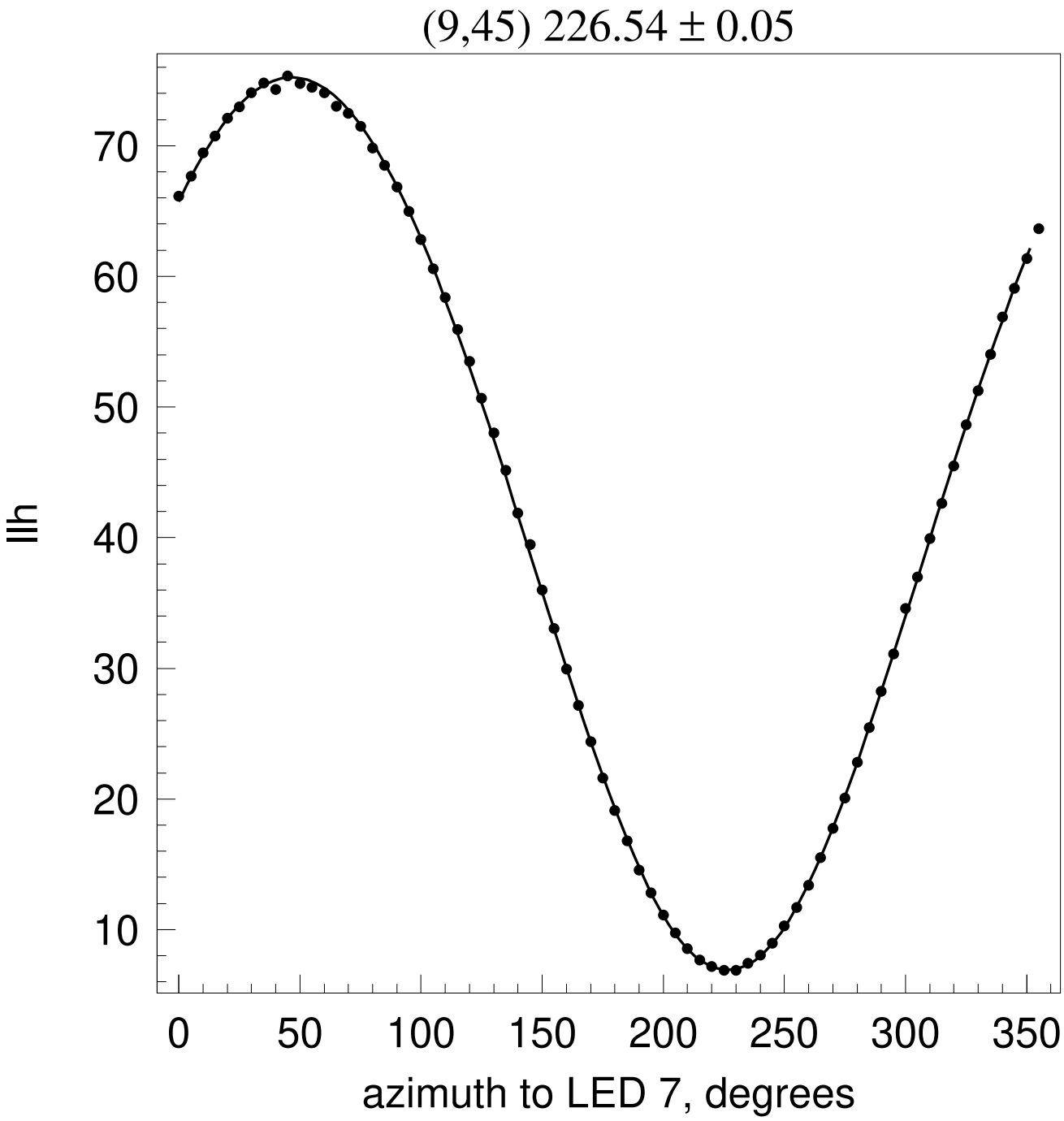

(9,40) 119.99 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

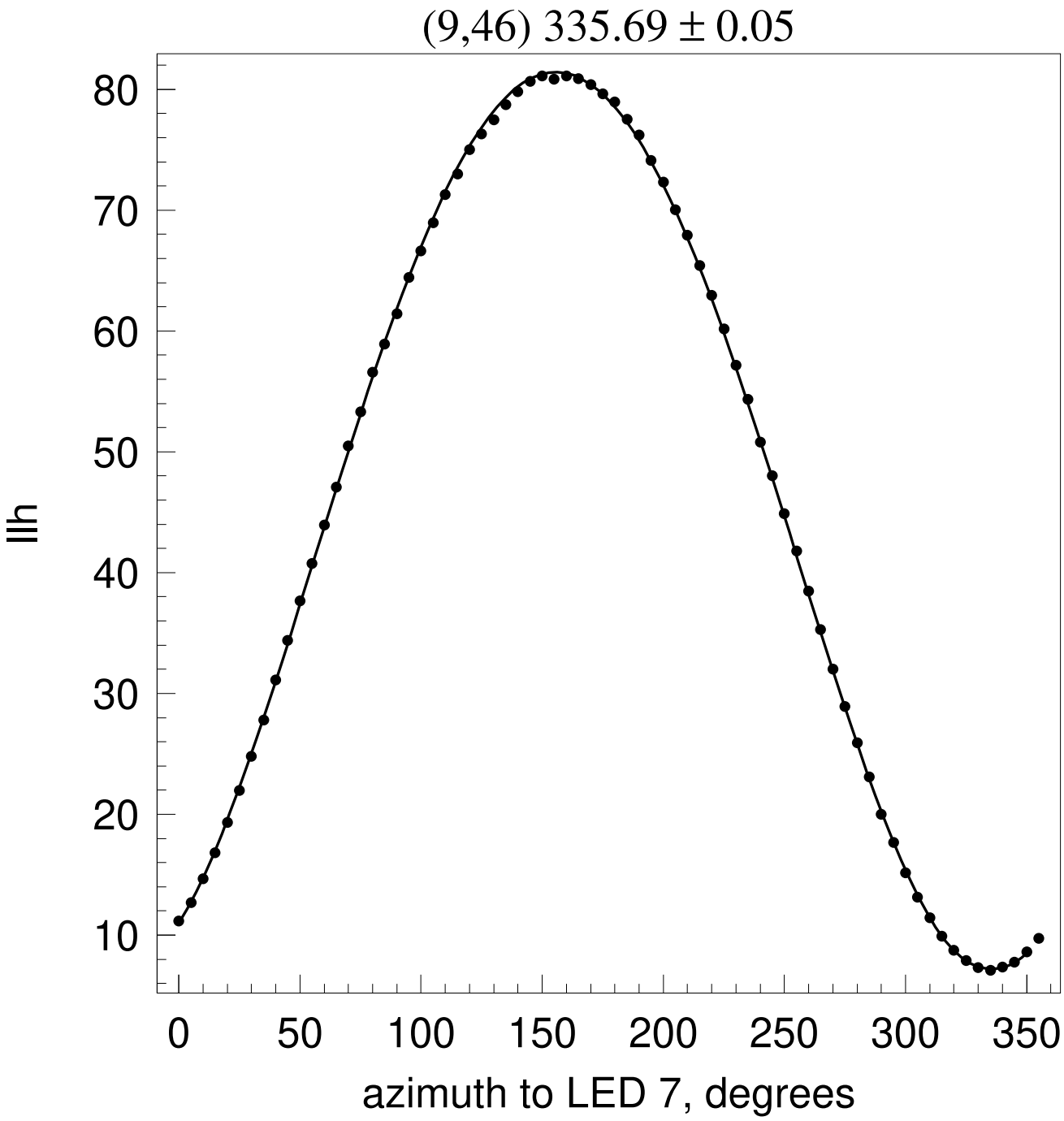

(9,41) 94.86 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

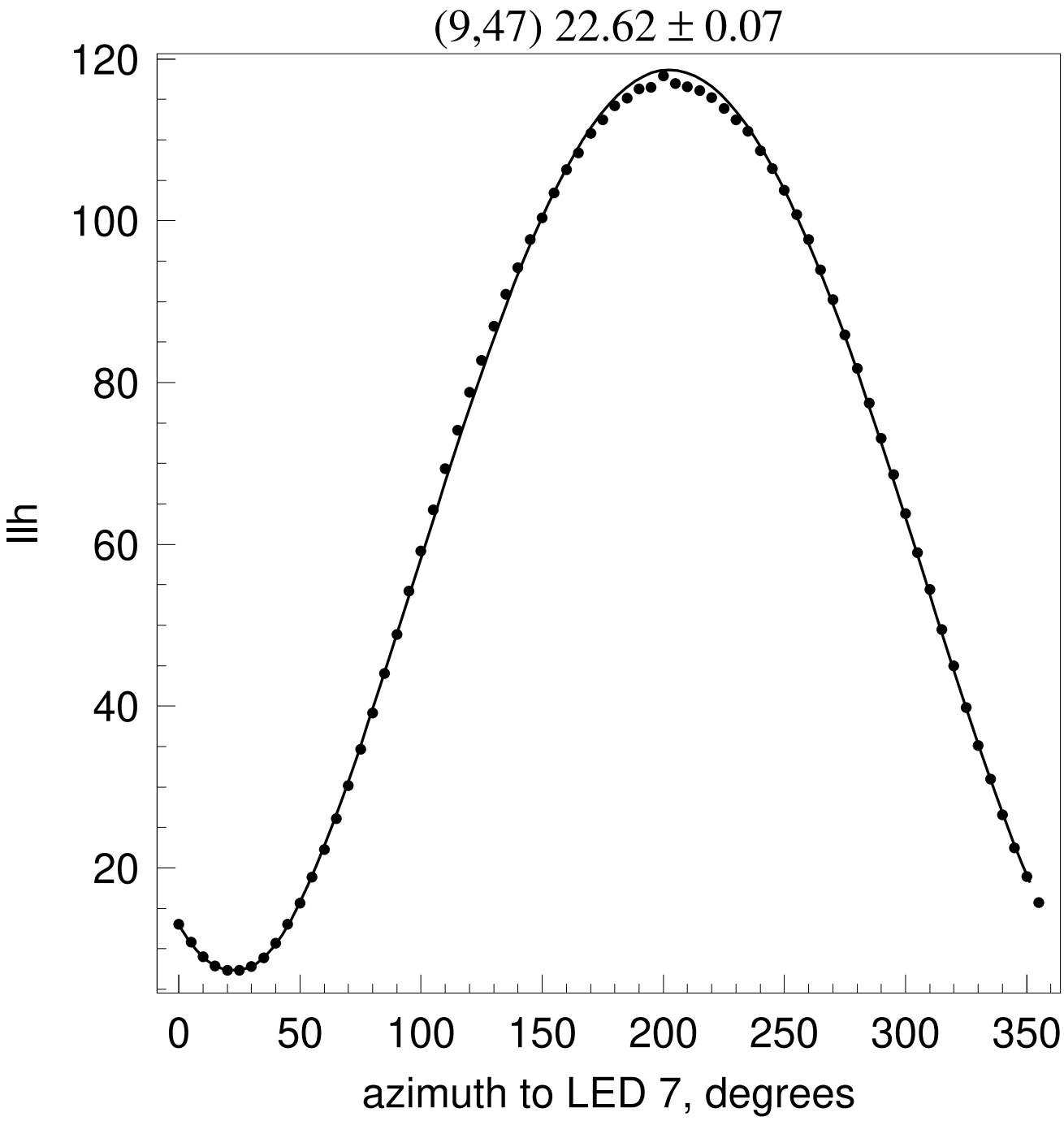

(9,42) 218.22 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

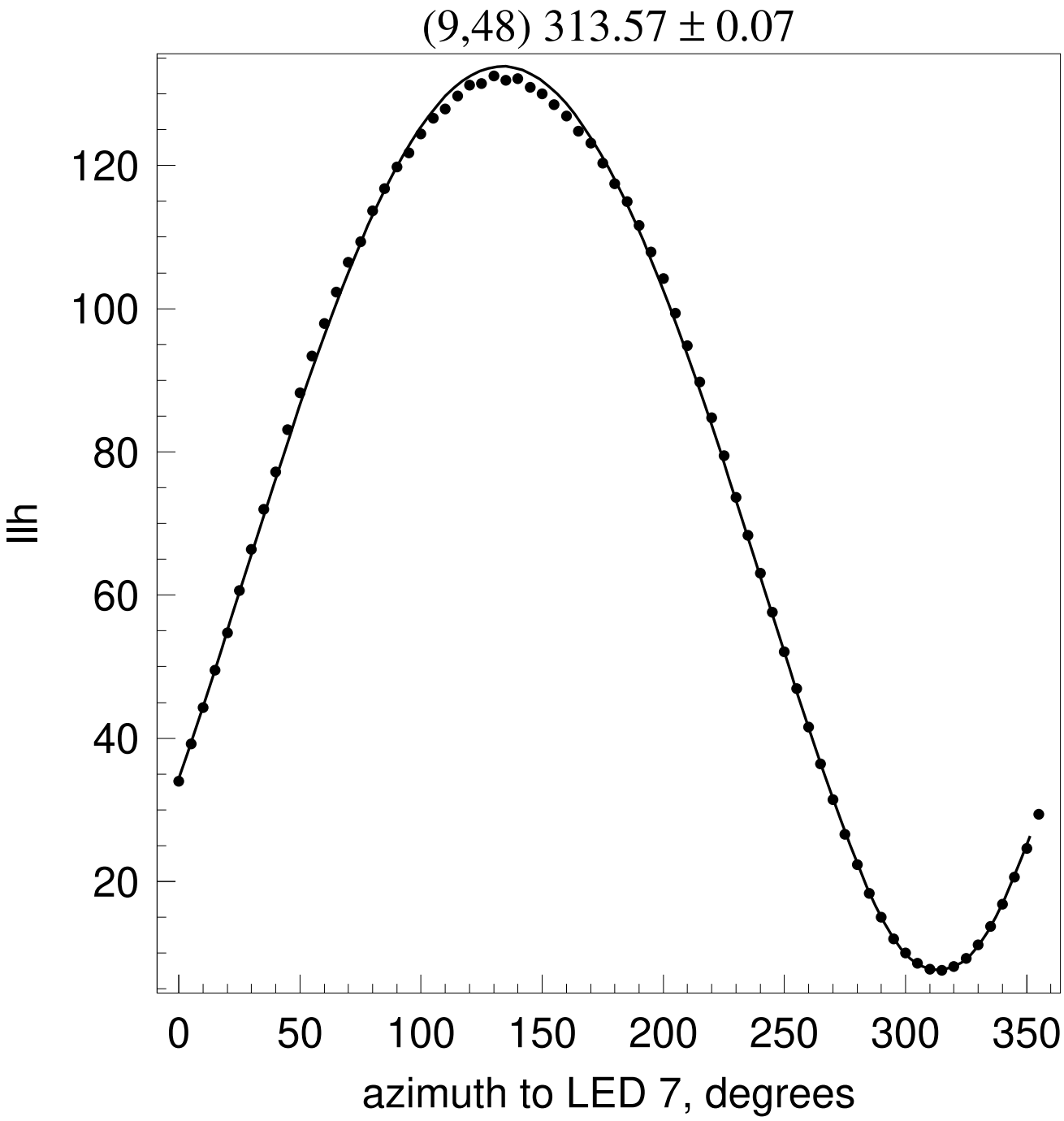

(9,43) 120.18 ± 0.14
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

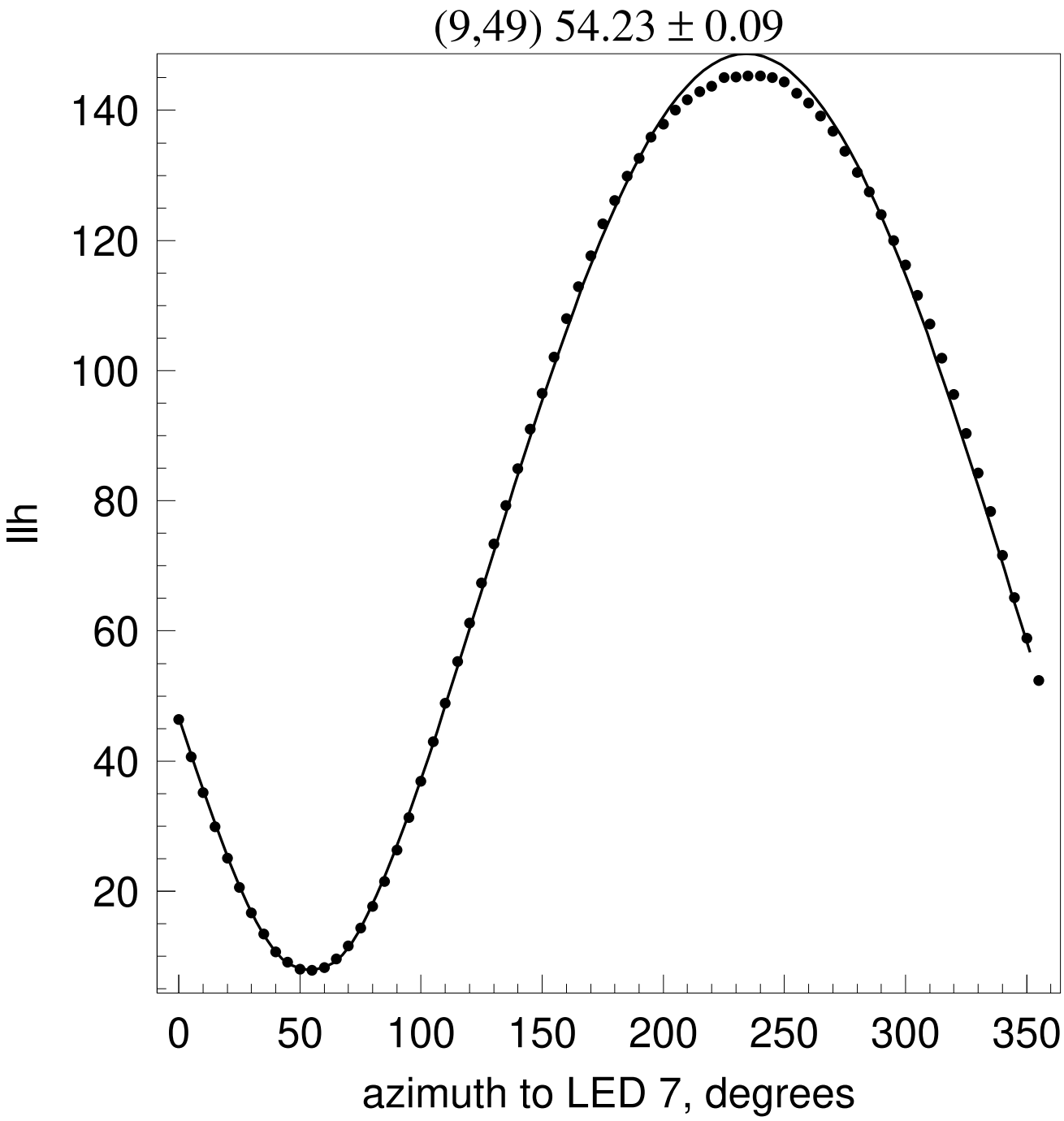

(9,44) 131.80 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

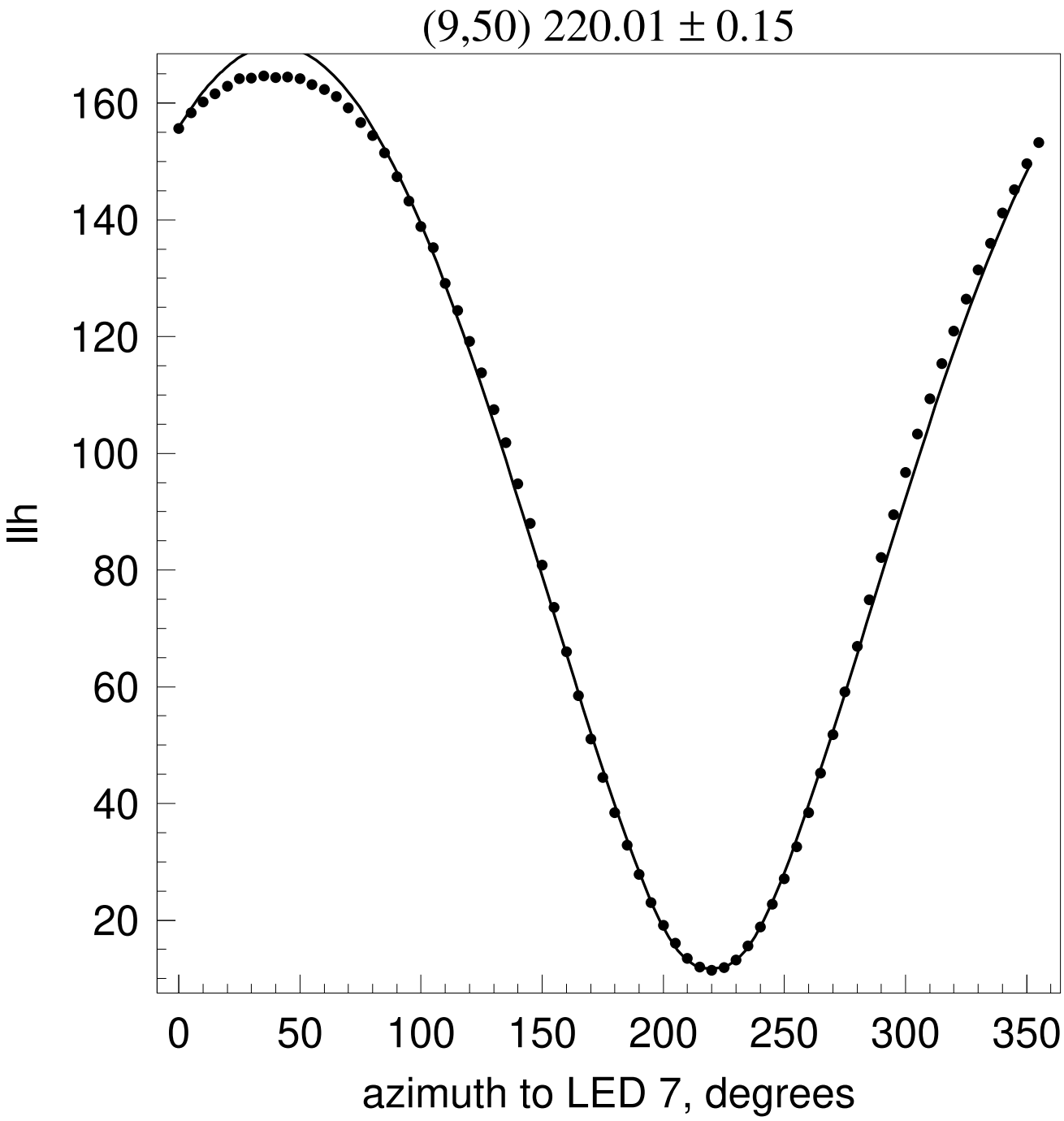

(9,45) 226.54 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

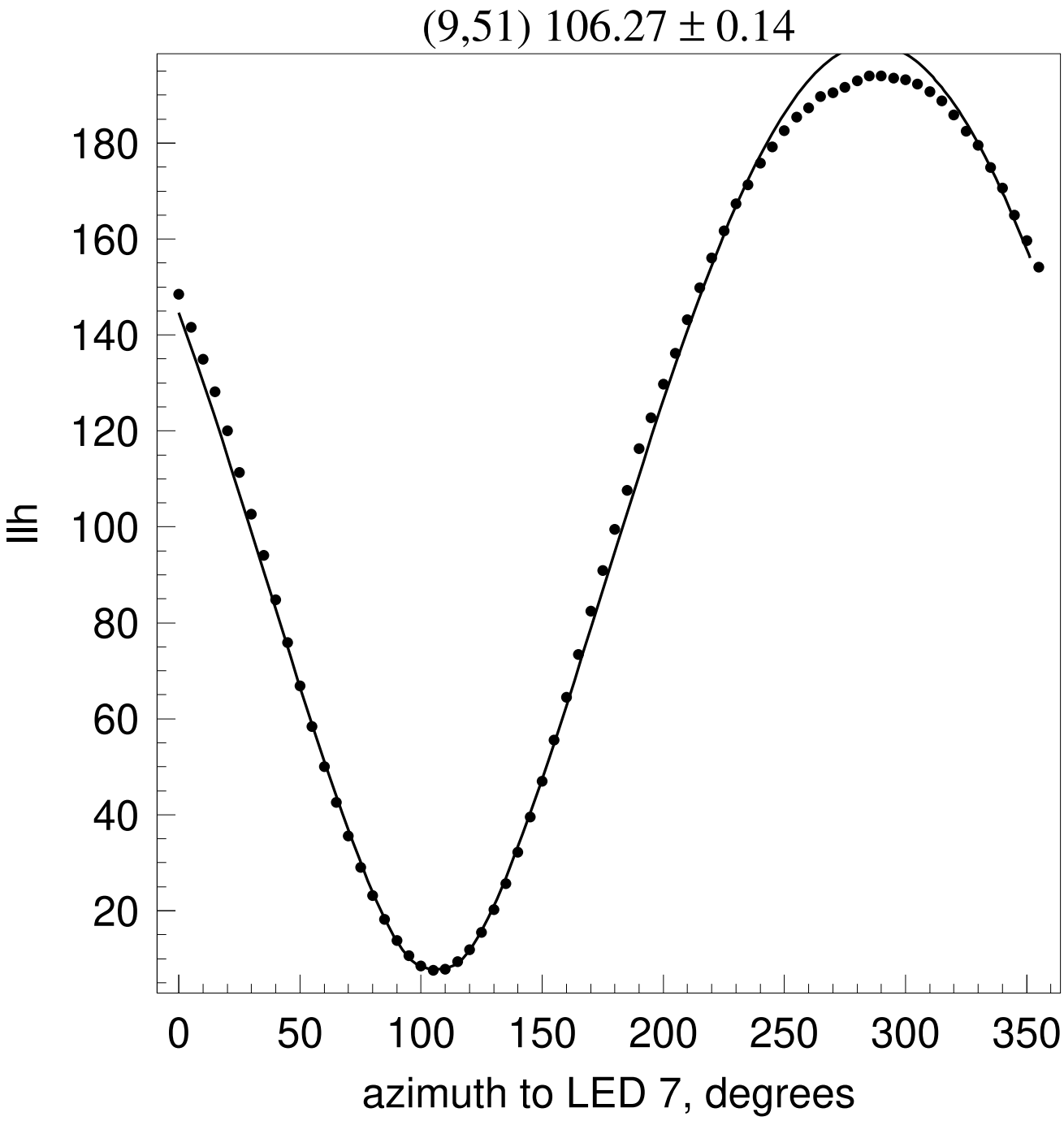

(9,46) 335.69 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

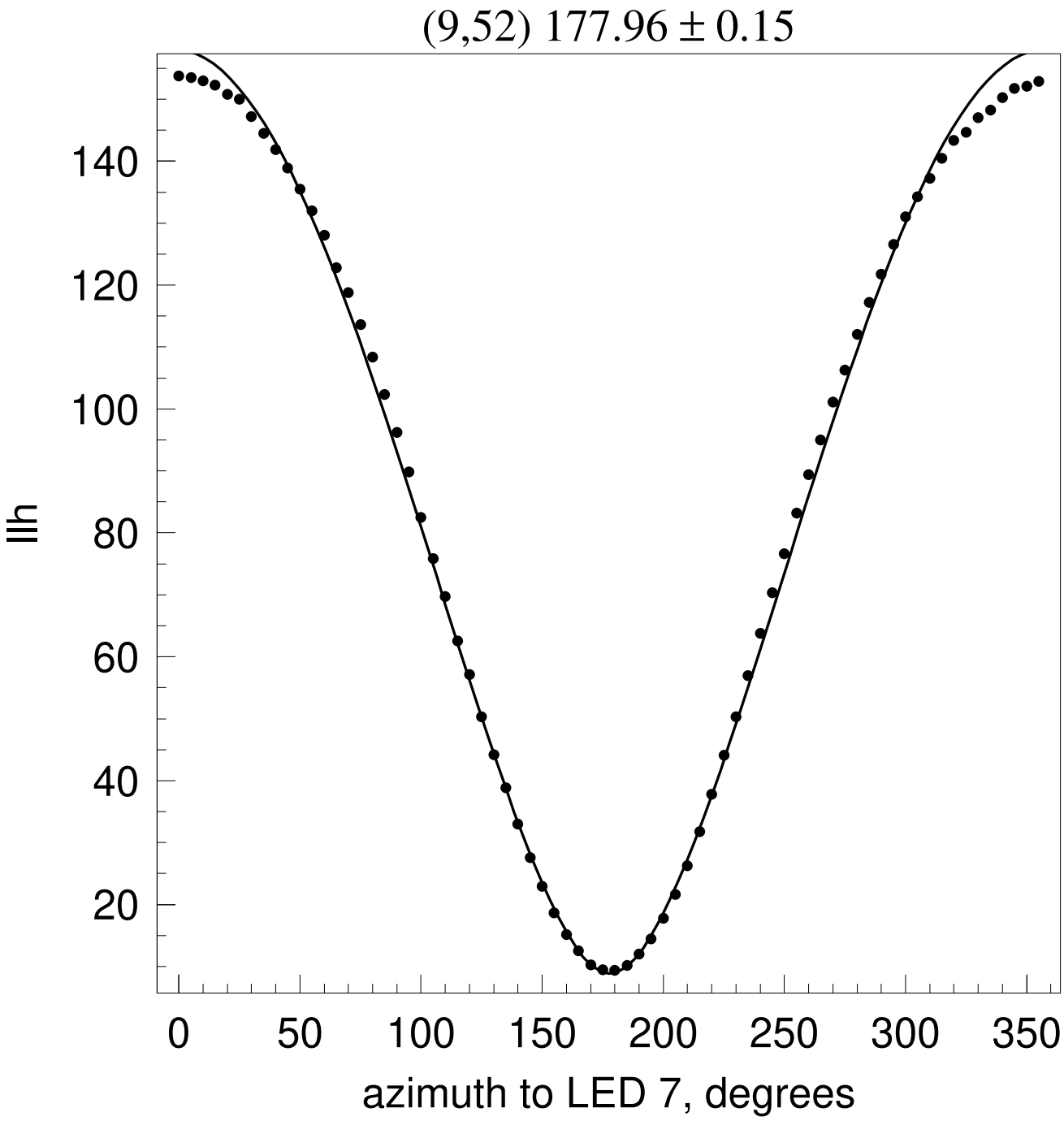

(9,47) 22.62 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

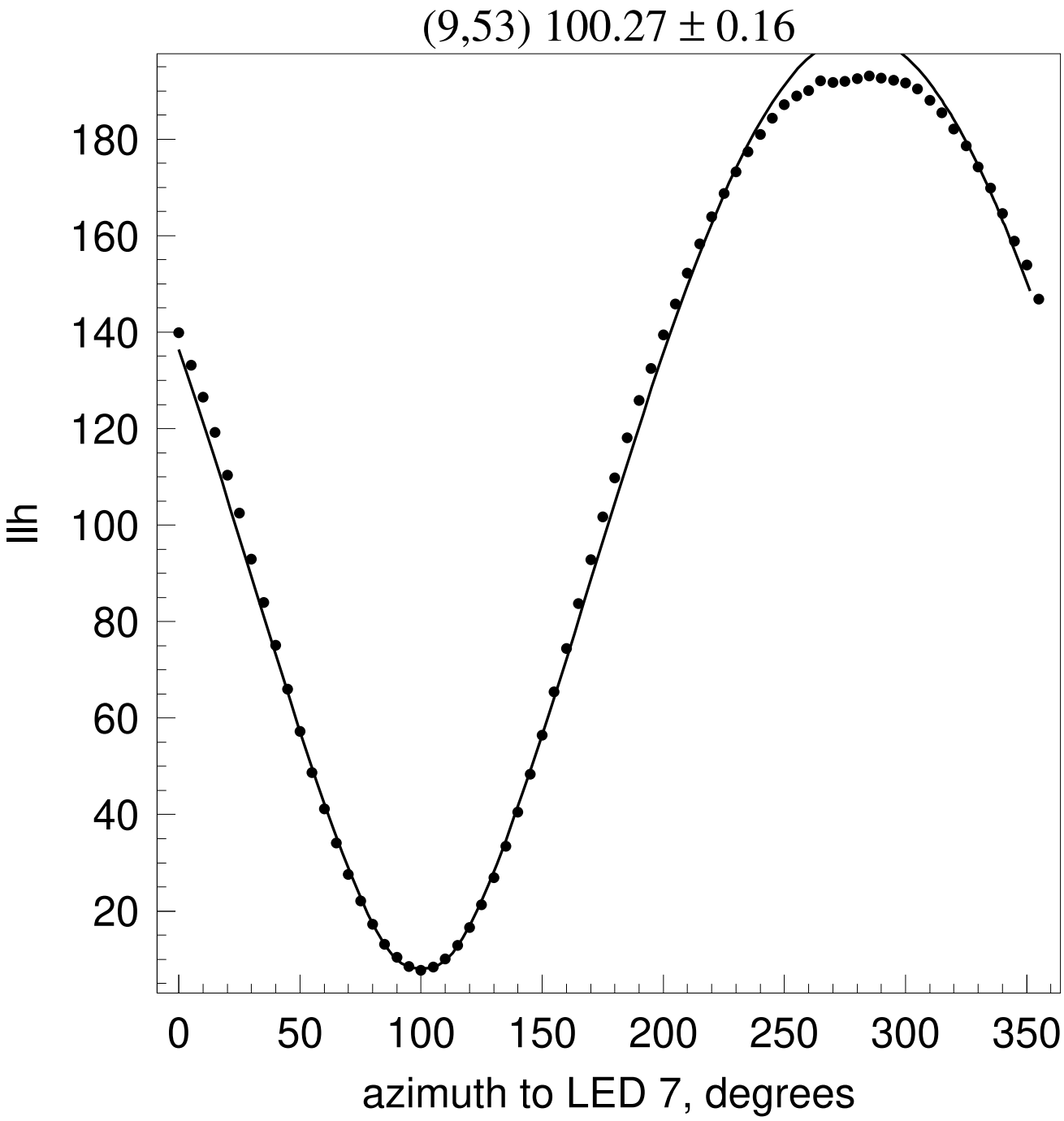

(9,48) 313.57 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

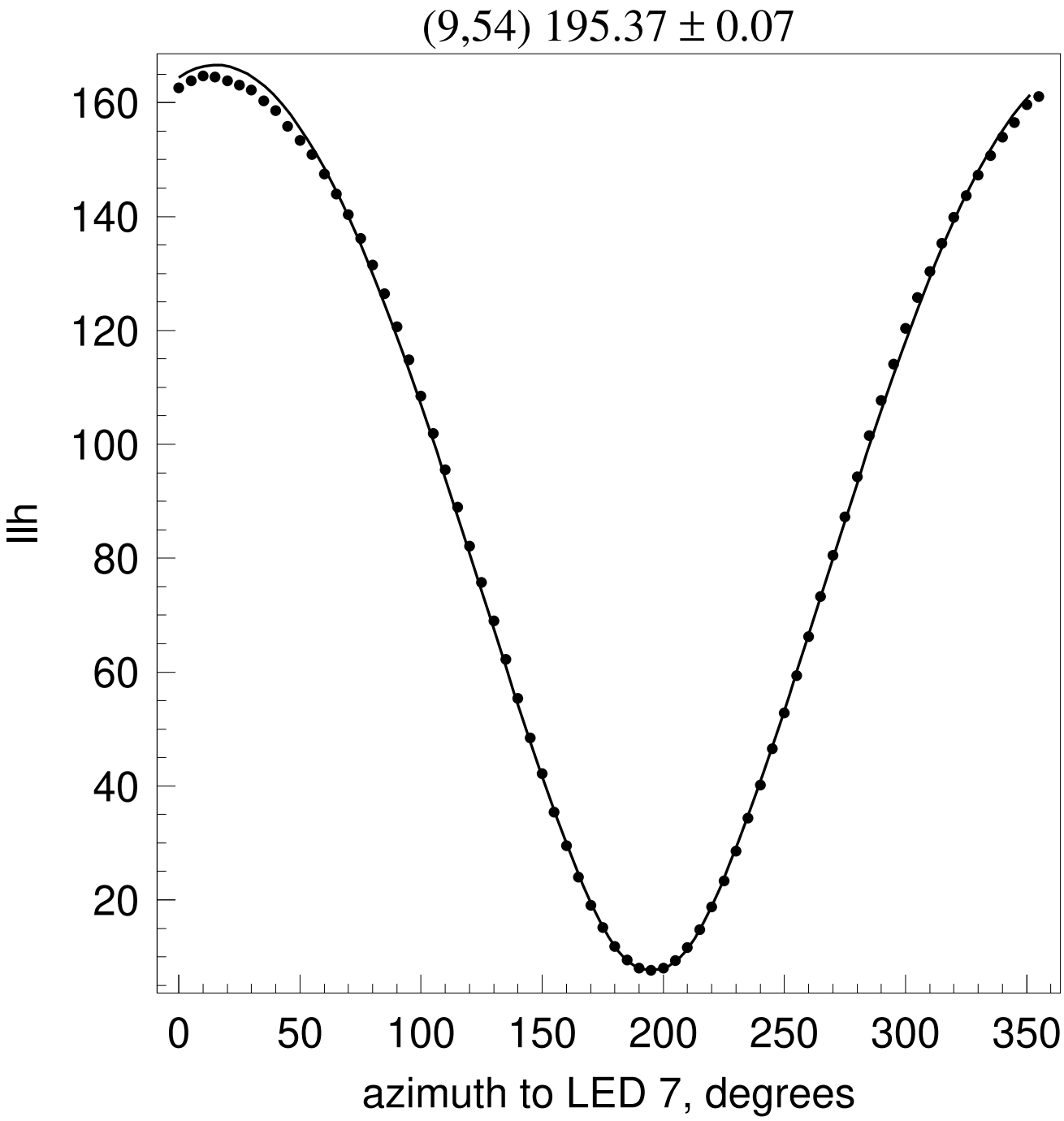

(9,49) 54.23 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

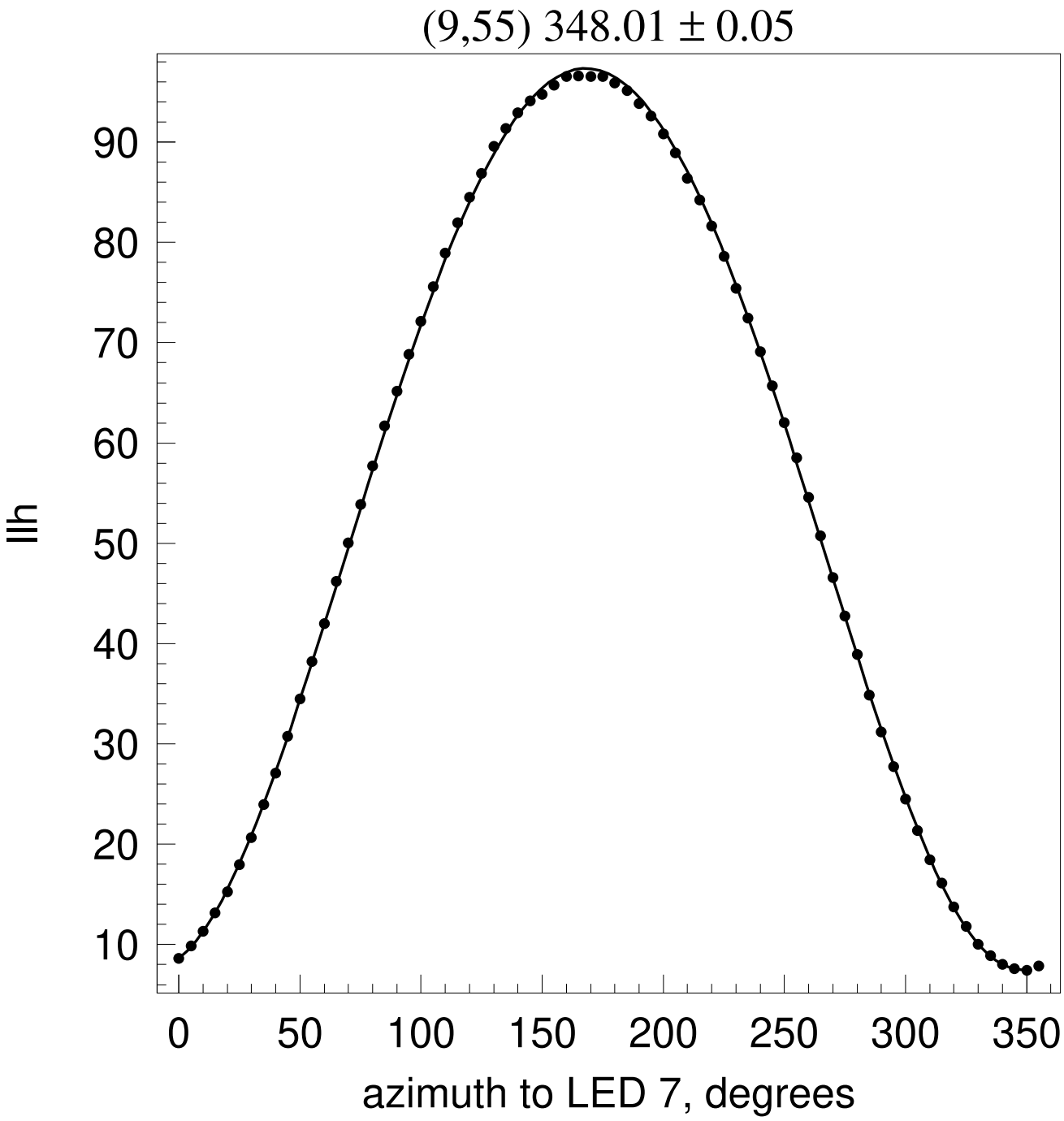

(9,50) 220.01 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

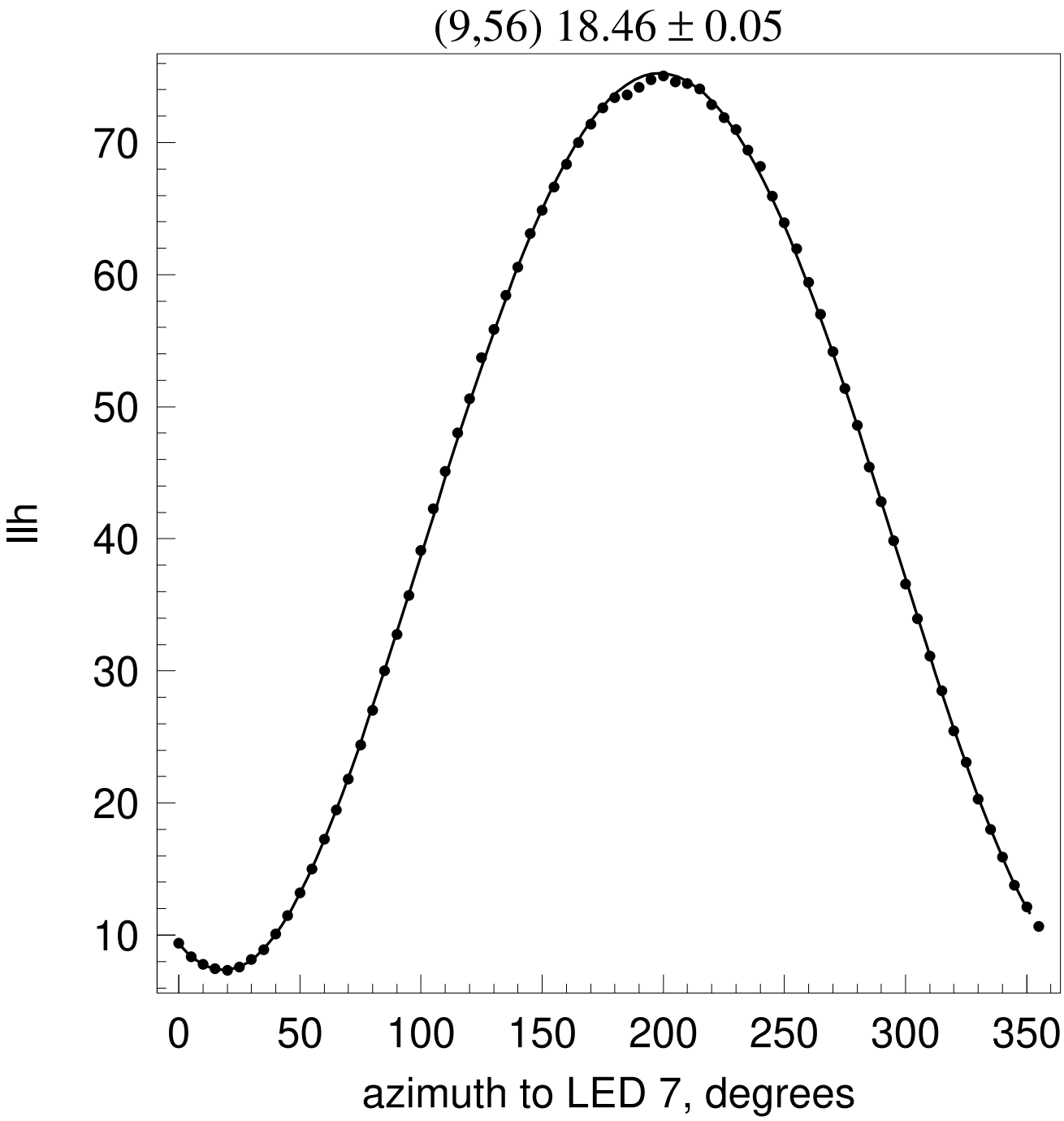

(9,51) 106.27 ± 0.14
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

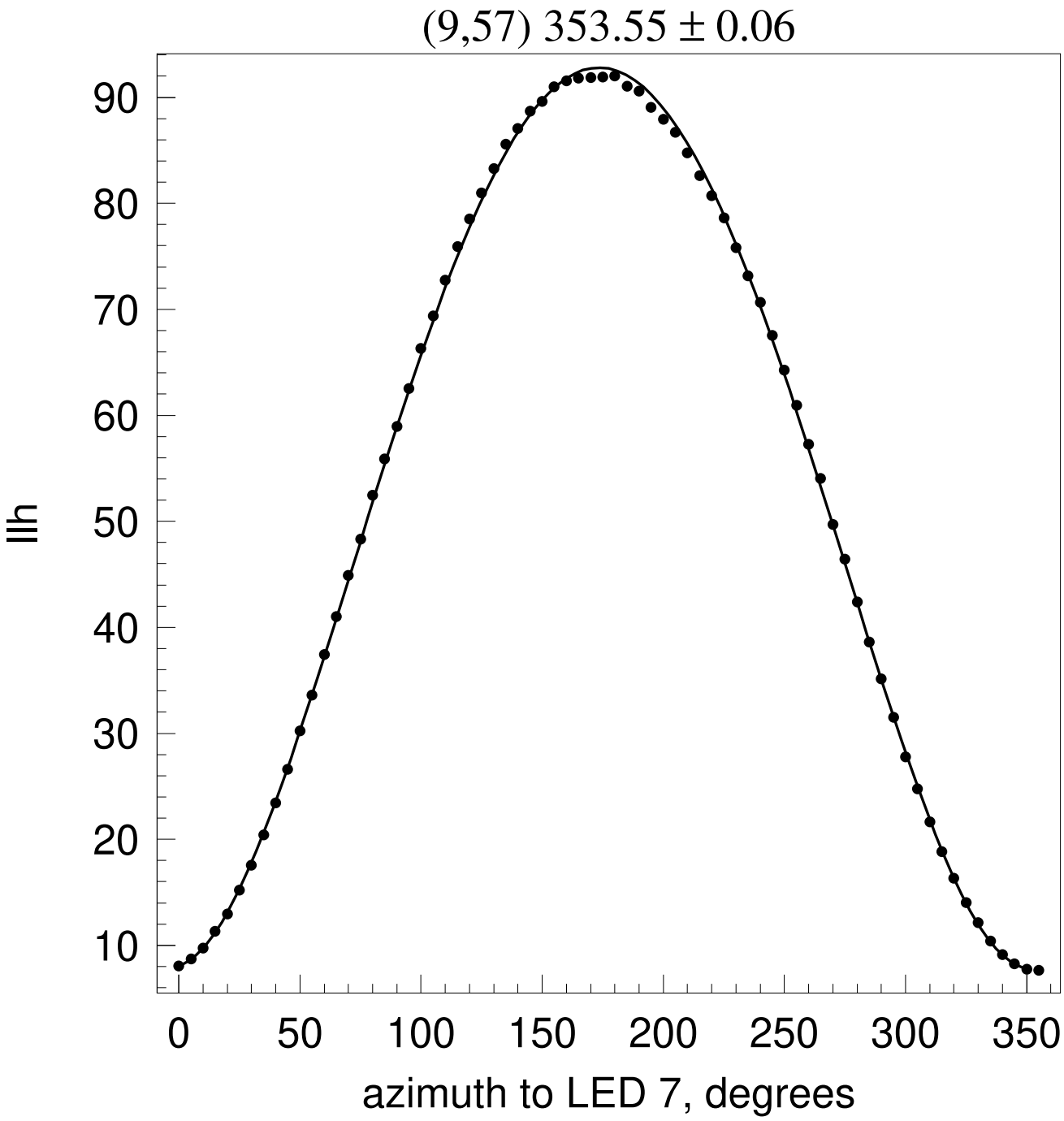

(9,52) 177.96 ± 0.15
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

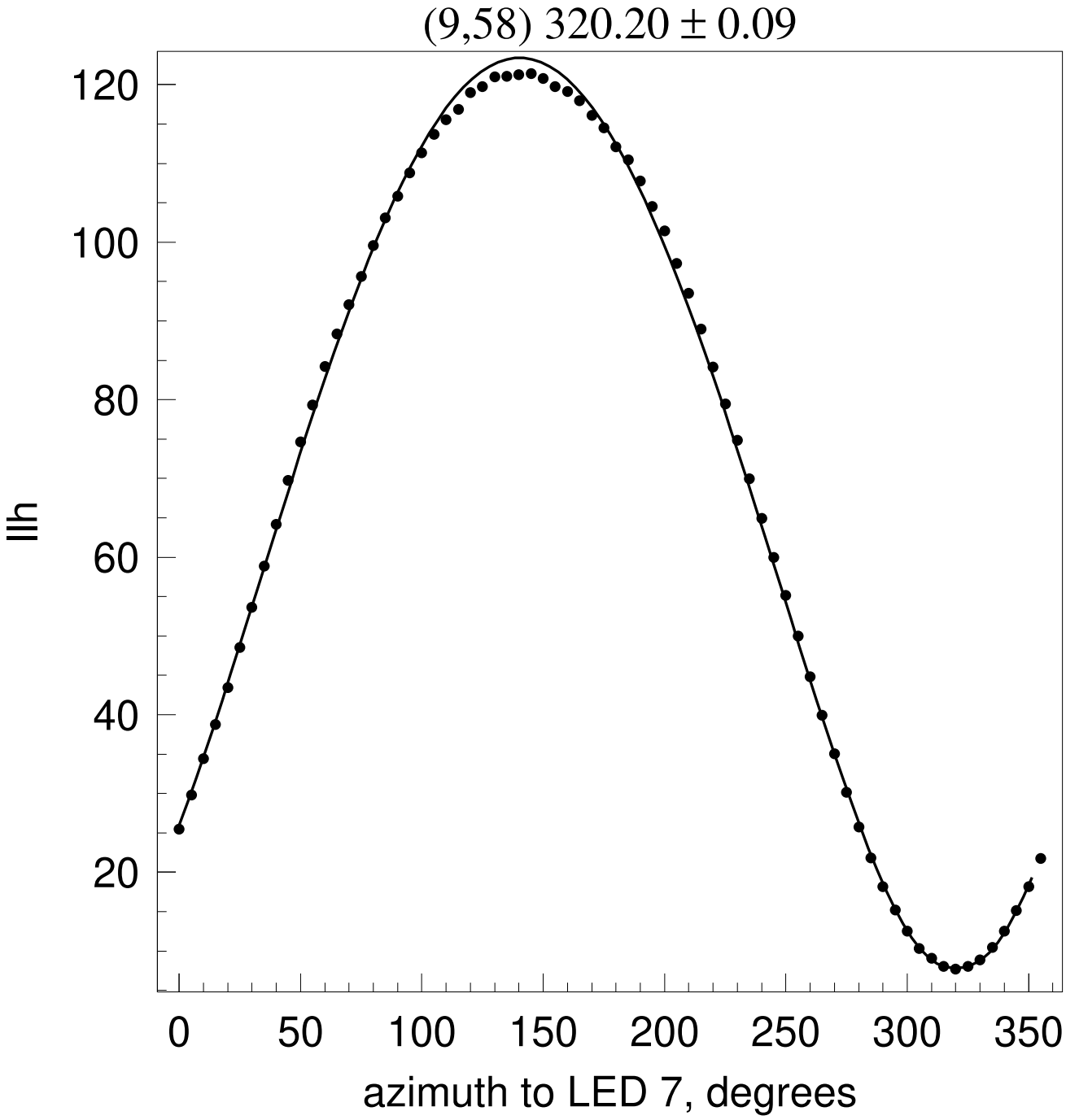

(9,53) 100.27 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

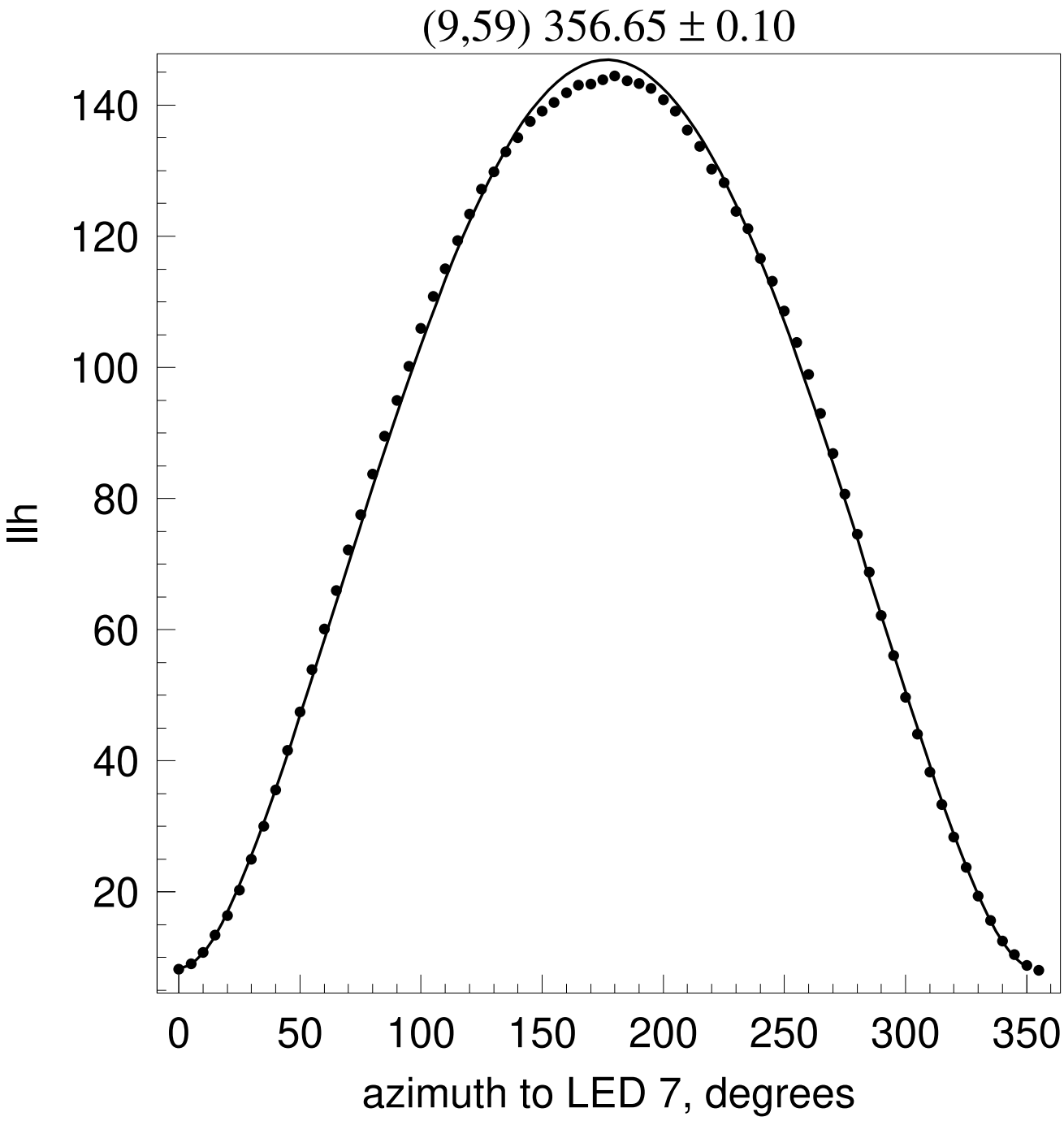

(9,54) 195.37 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

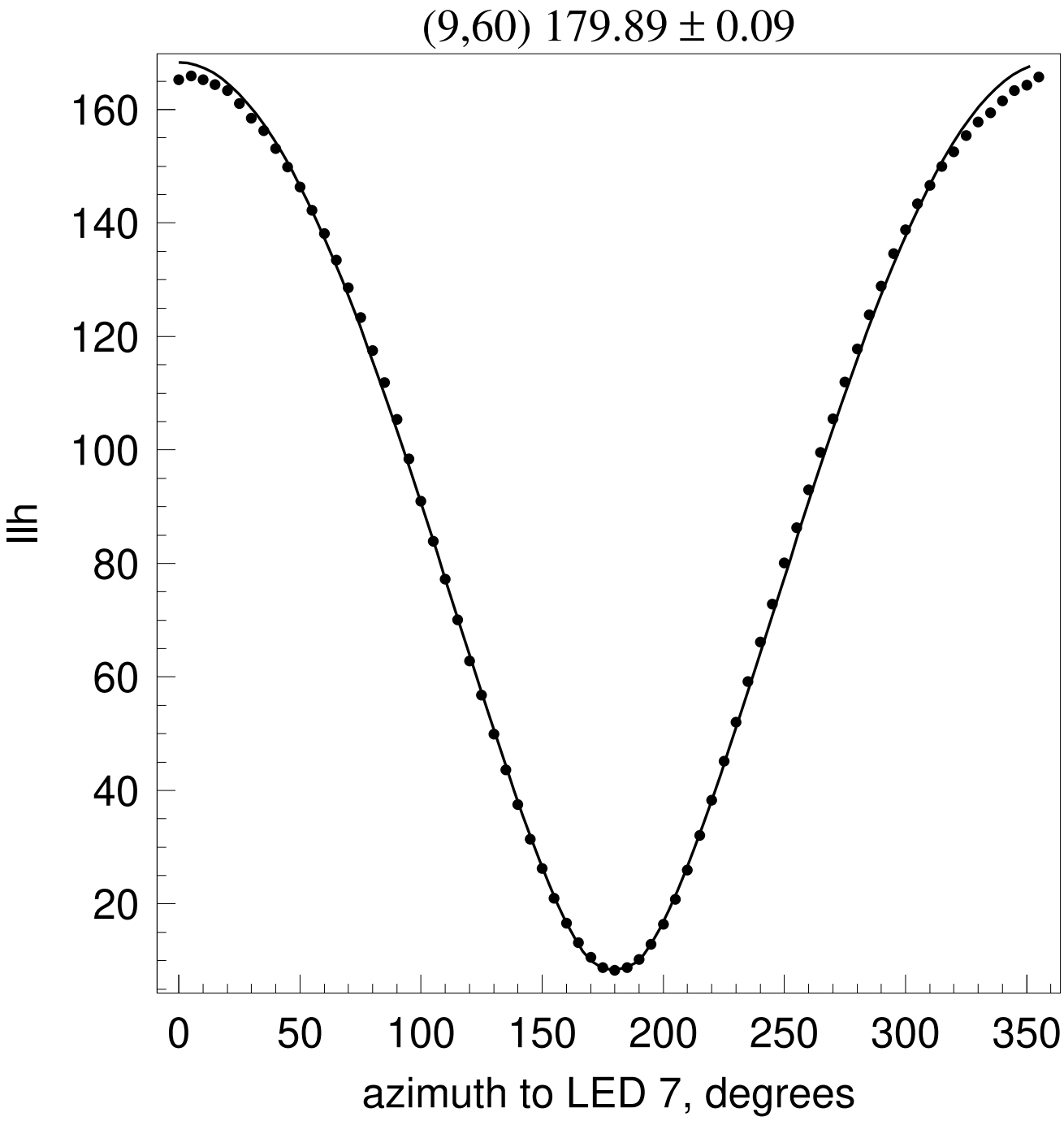

(9,55) 348.01 ± 0.05
llh
10
20
30
40
50
60
70
80
90
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

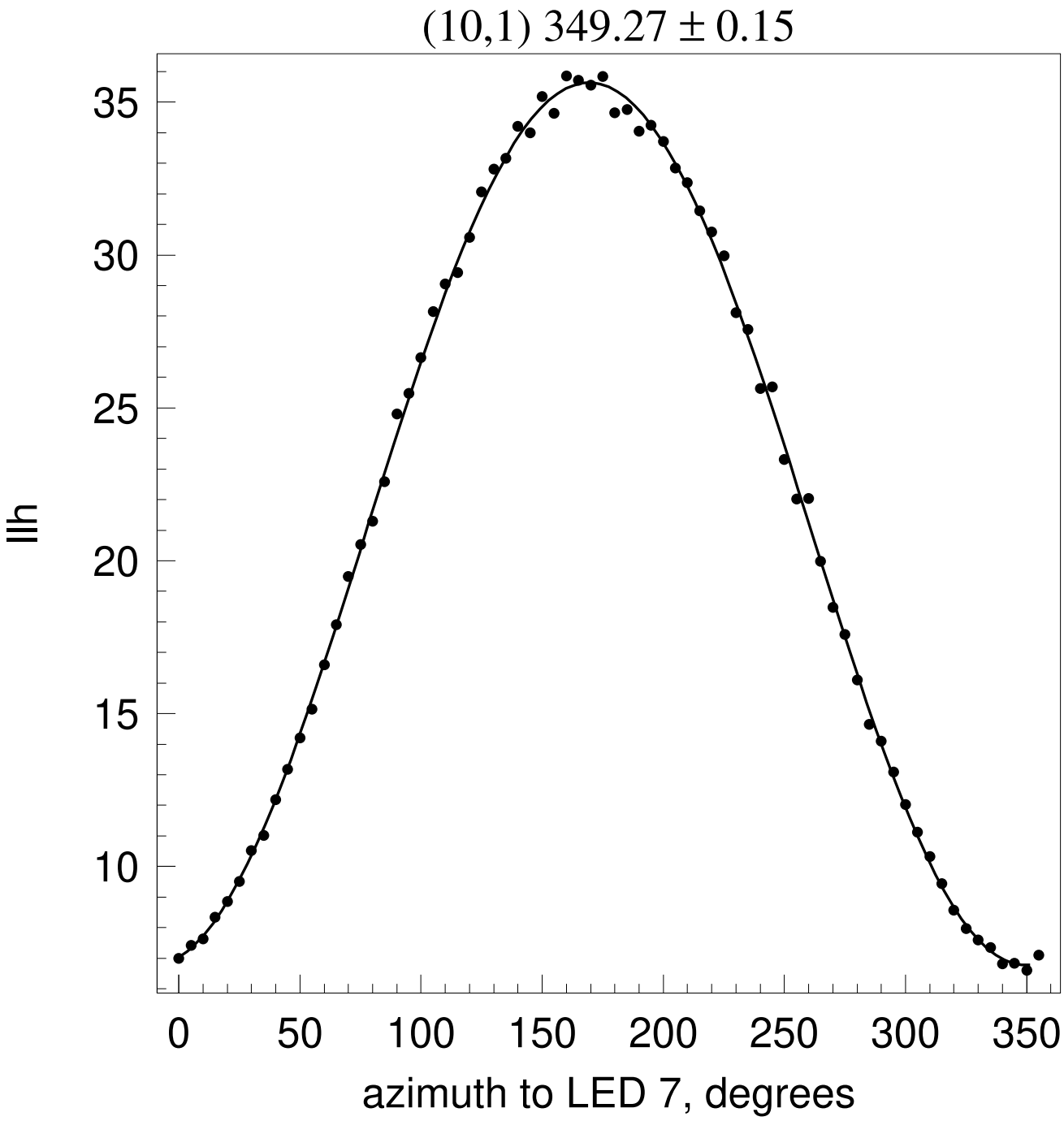

(9,56) 18.46 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

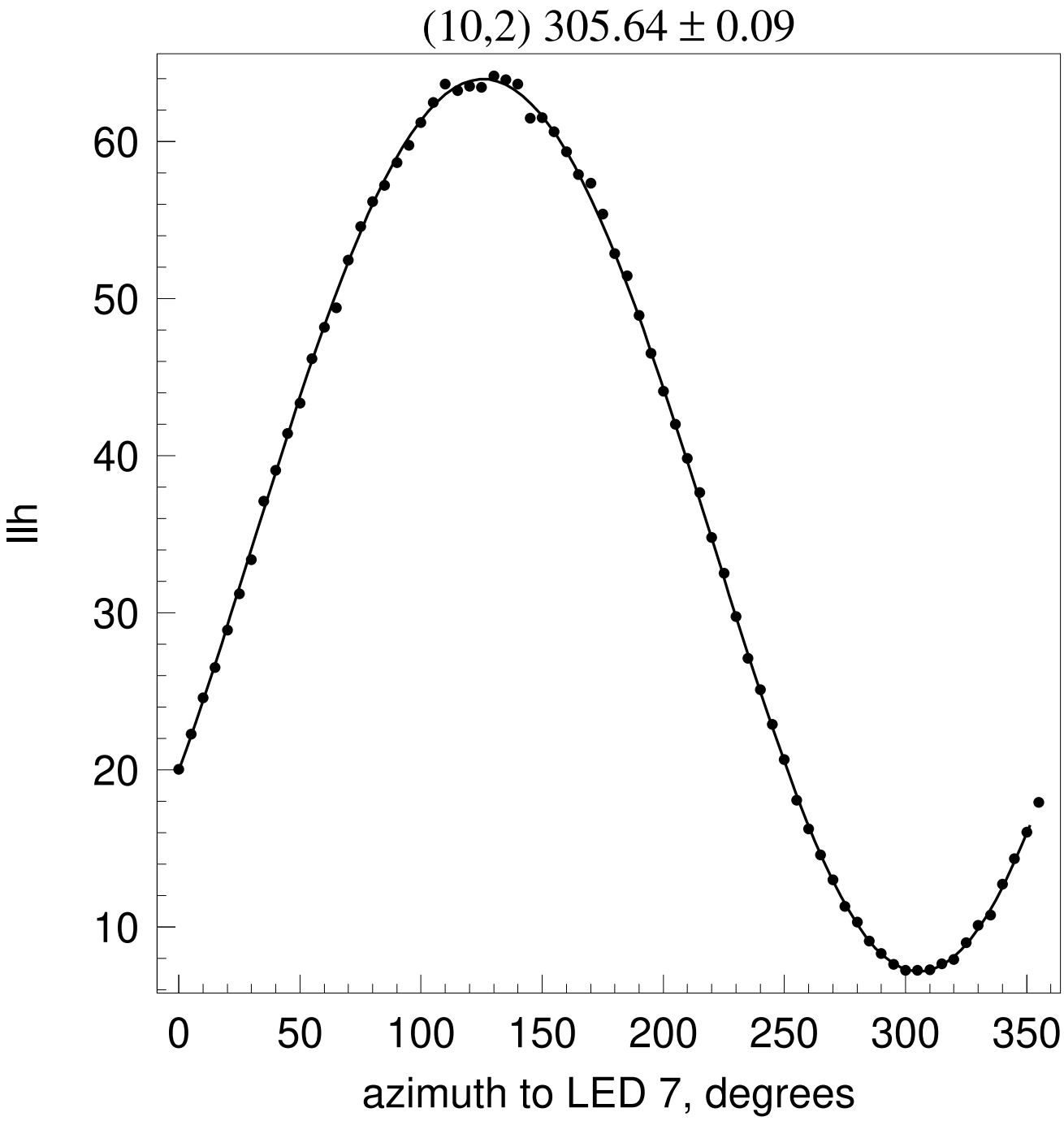

(9,57) 353.55 ± 0.06
90
80
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

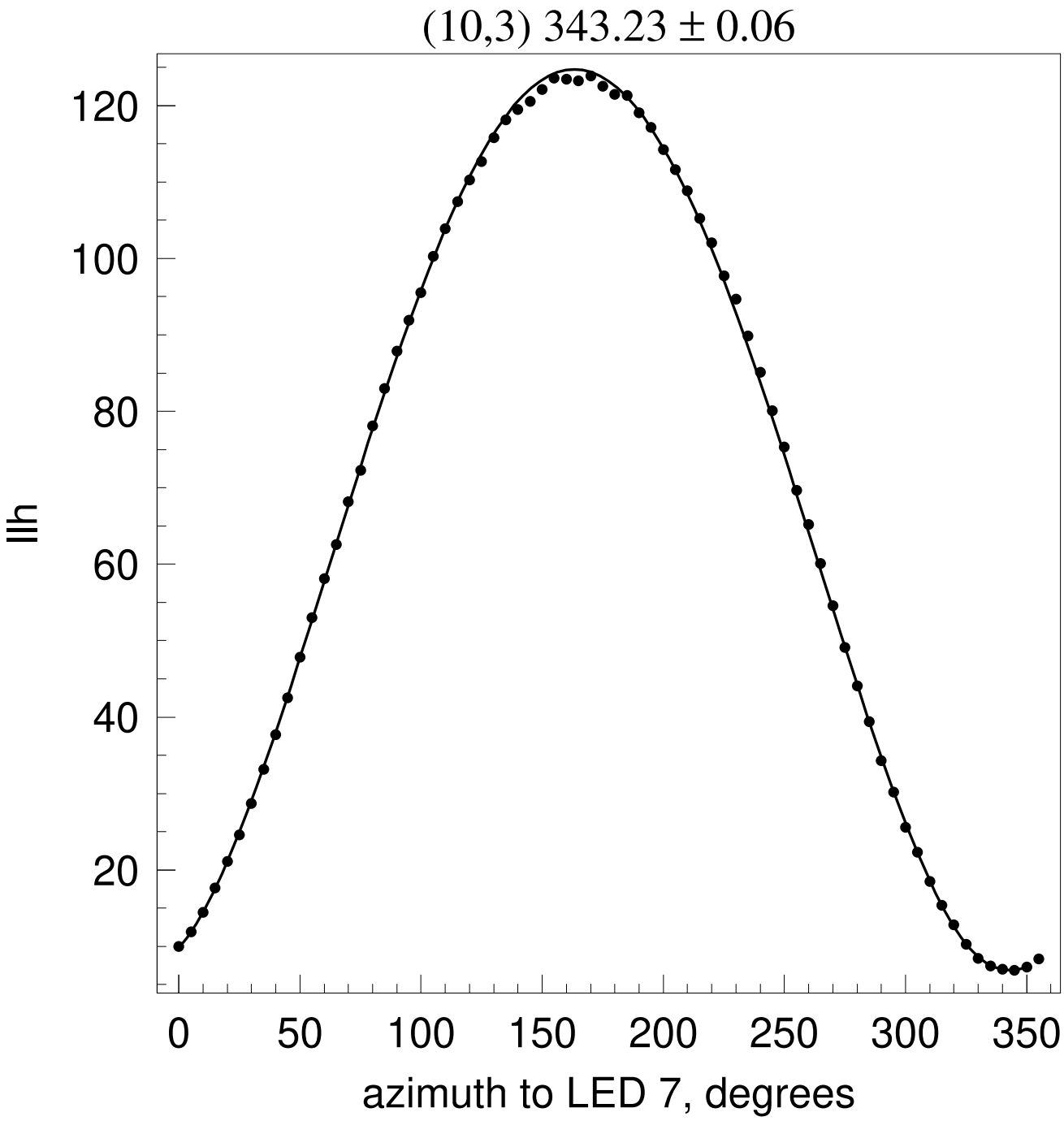

(9,58) 320.20 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

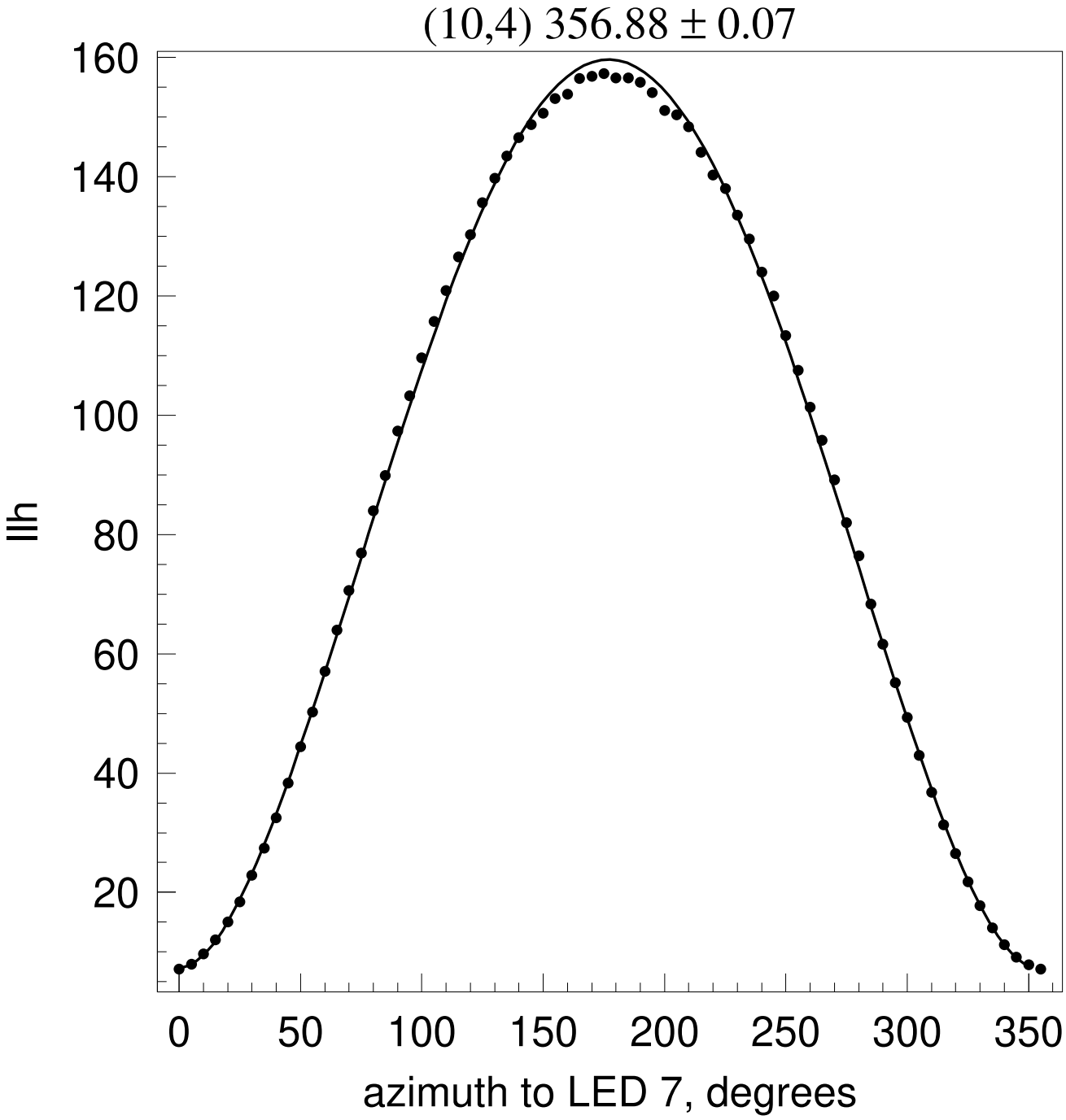

(9,59) 356.65 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

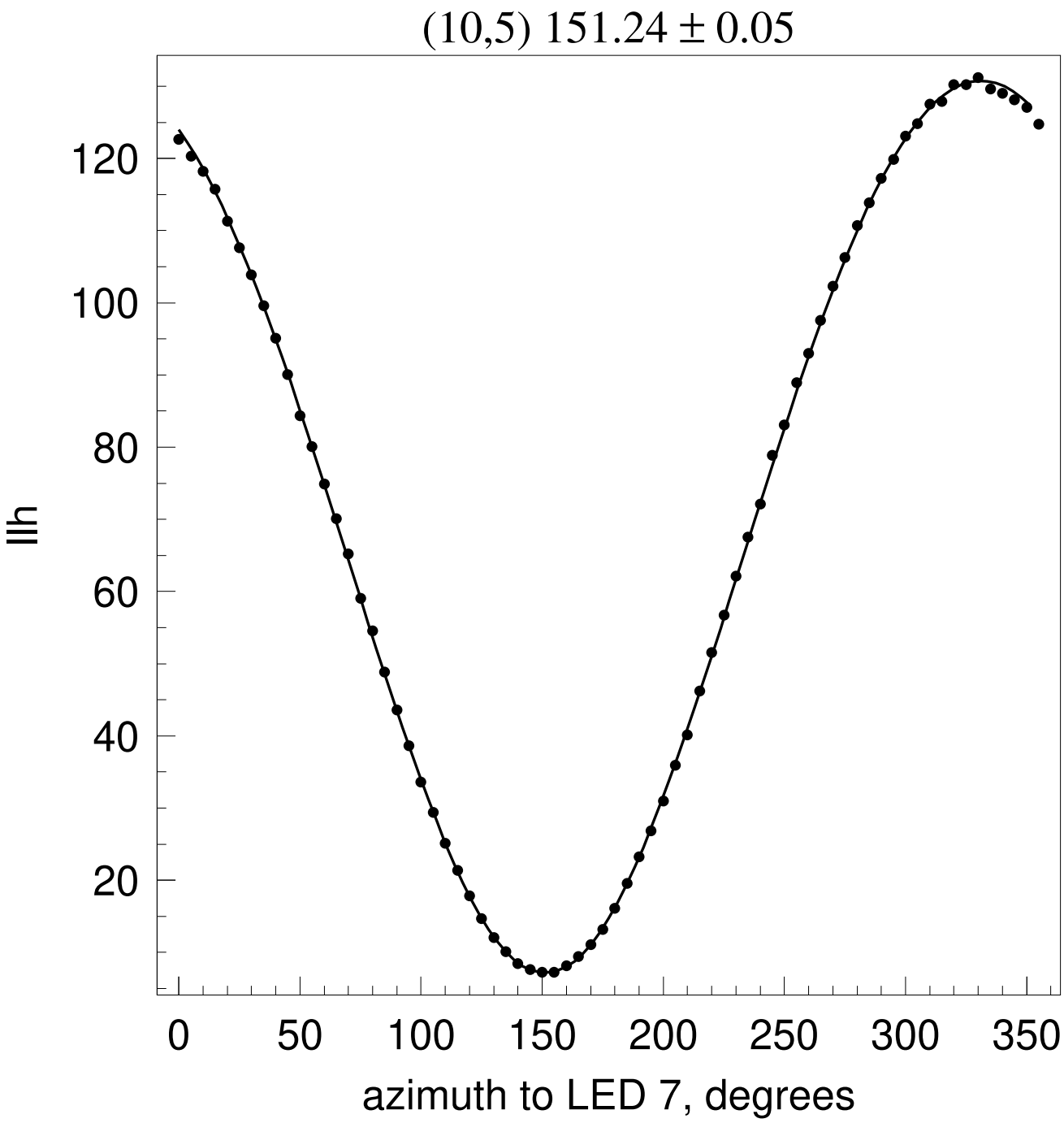

(9,60) 179.89 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

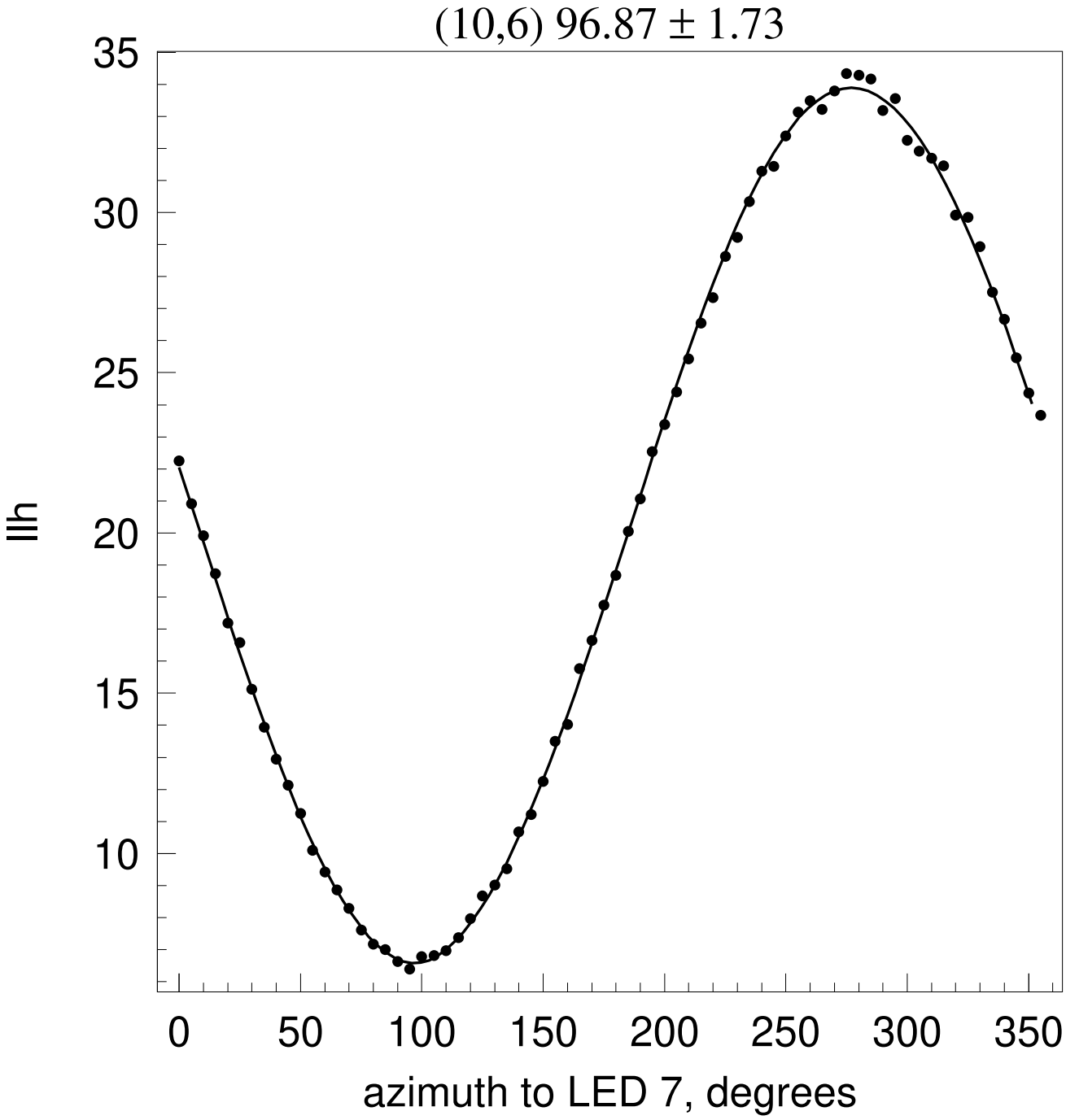

(10,1) 349.27 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

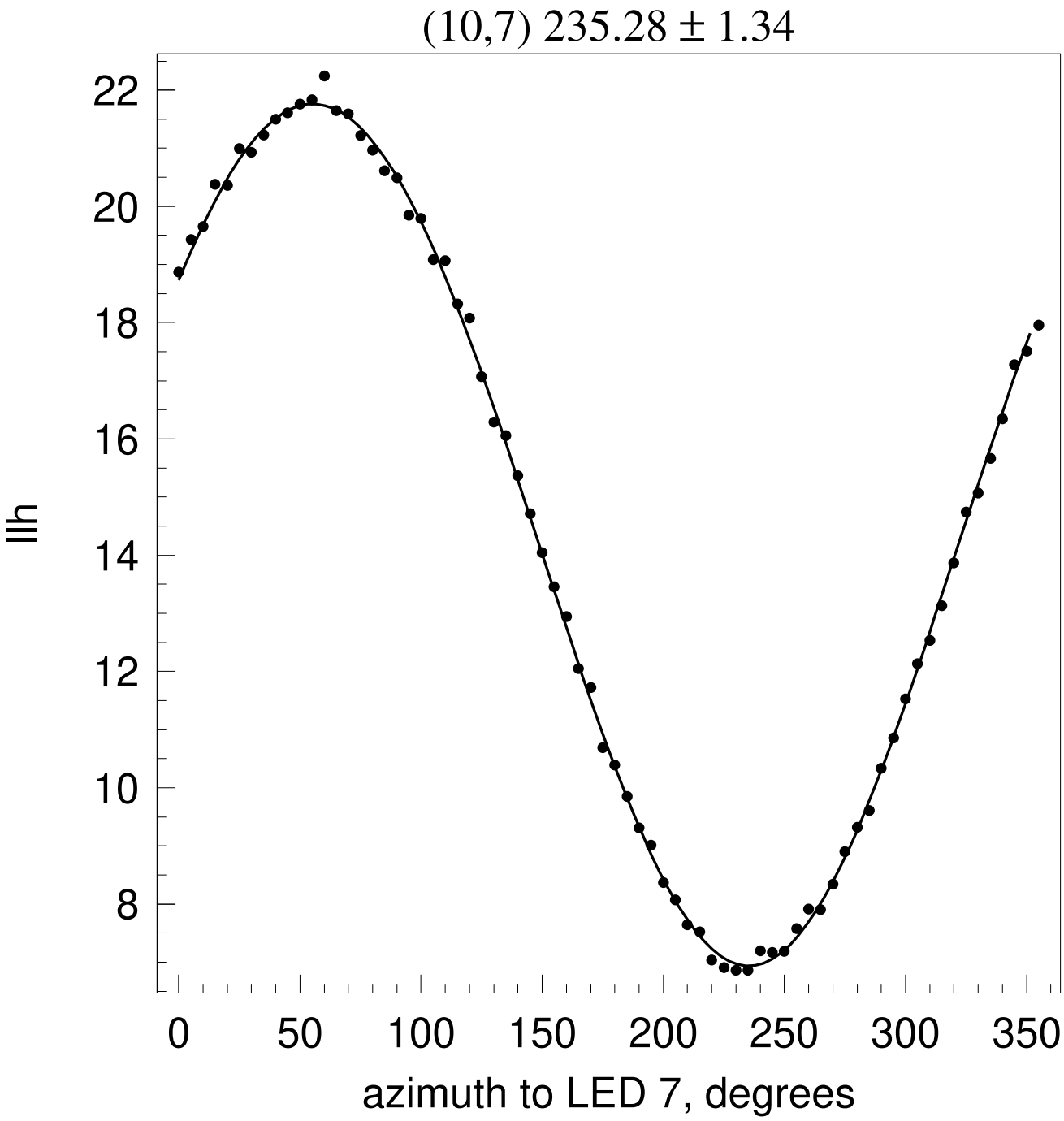

(10,2) 305.64 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

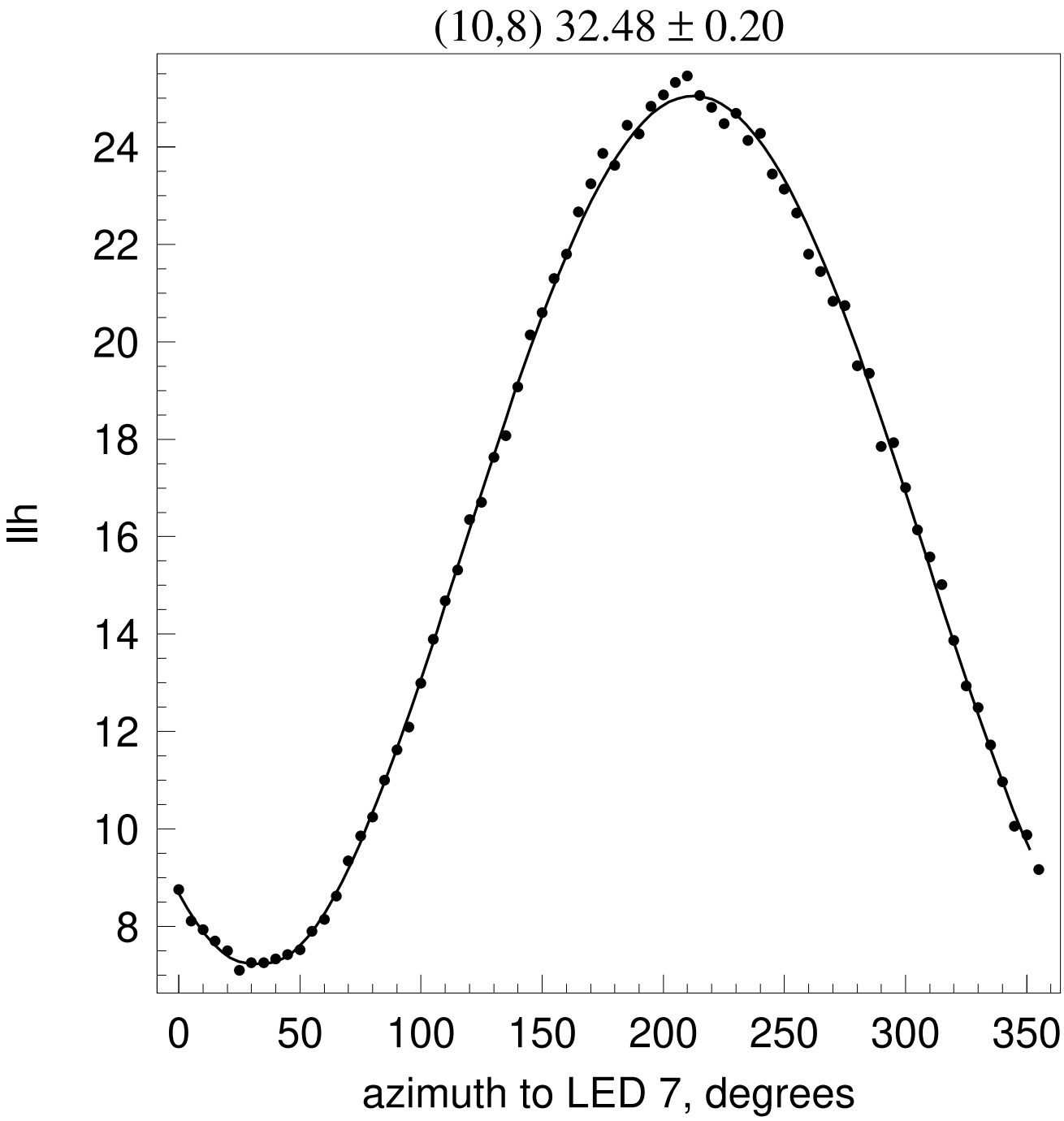

(10,3) 343.23 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

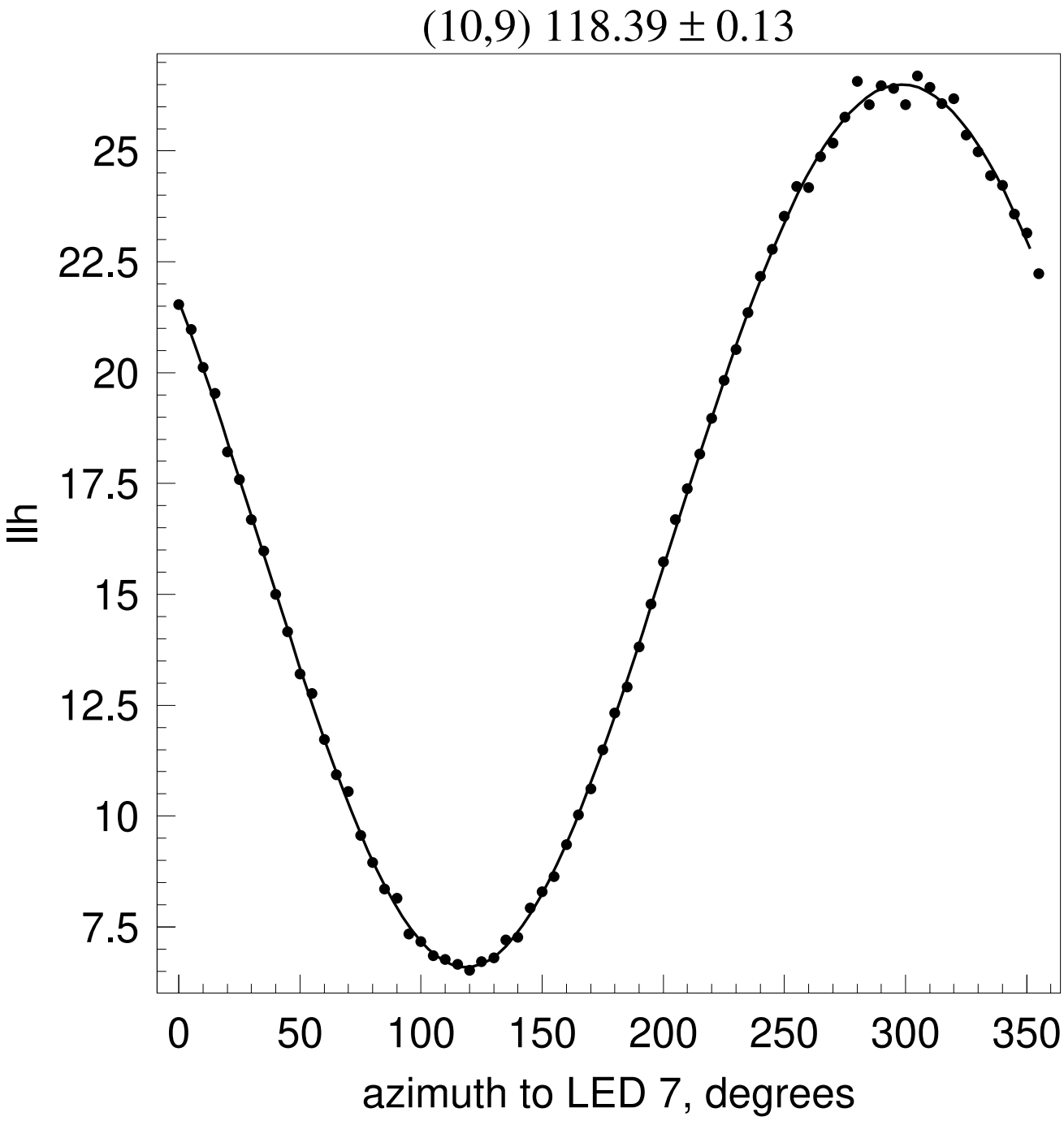

(10,4) 356.88 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

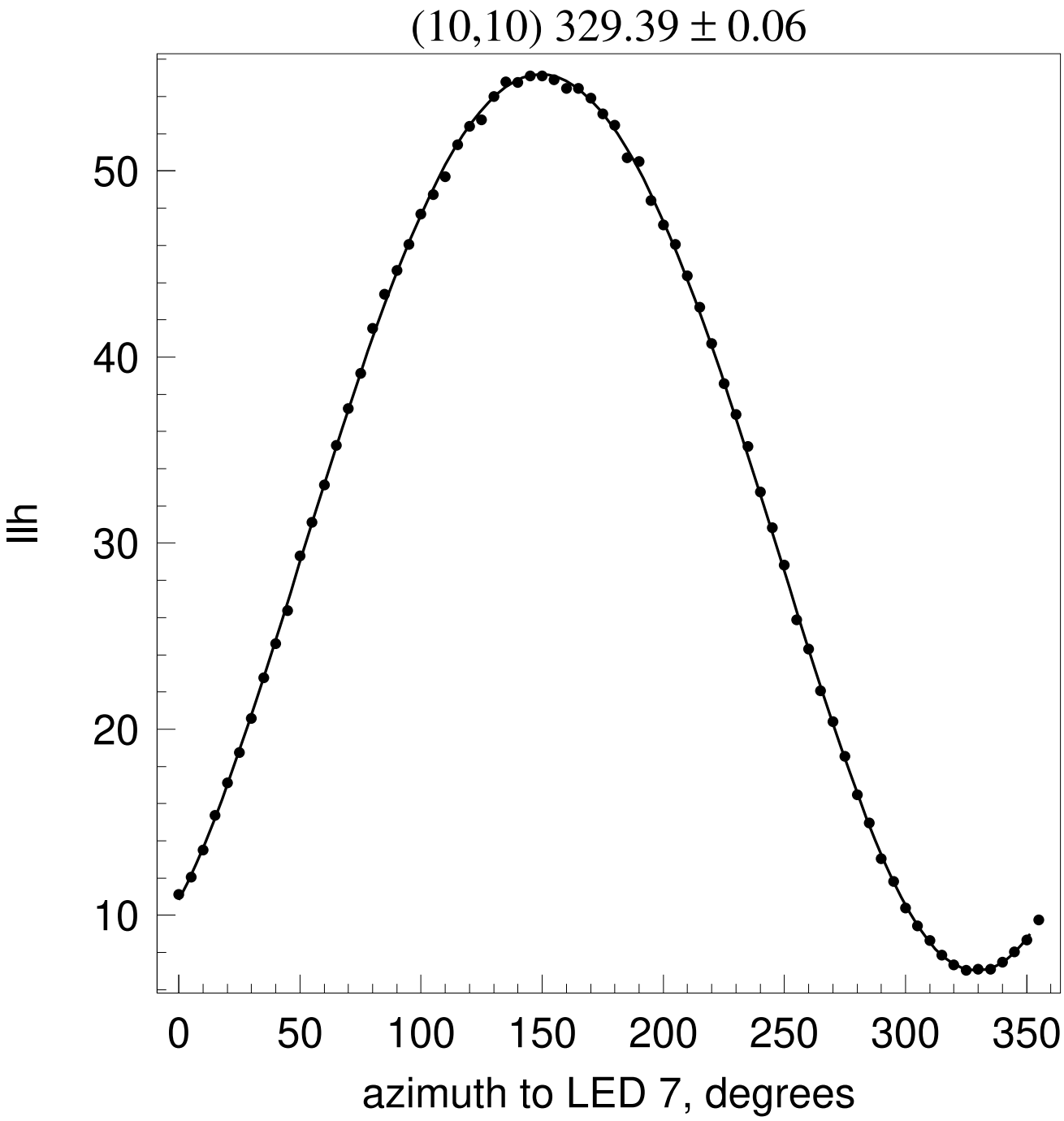

(10,5) 151.24 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

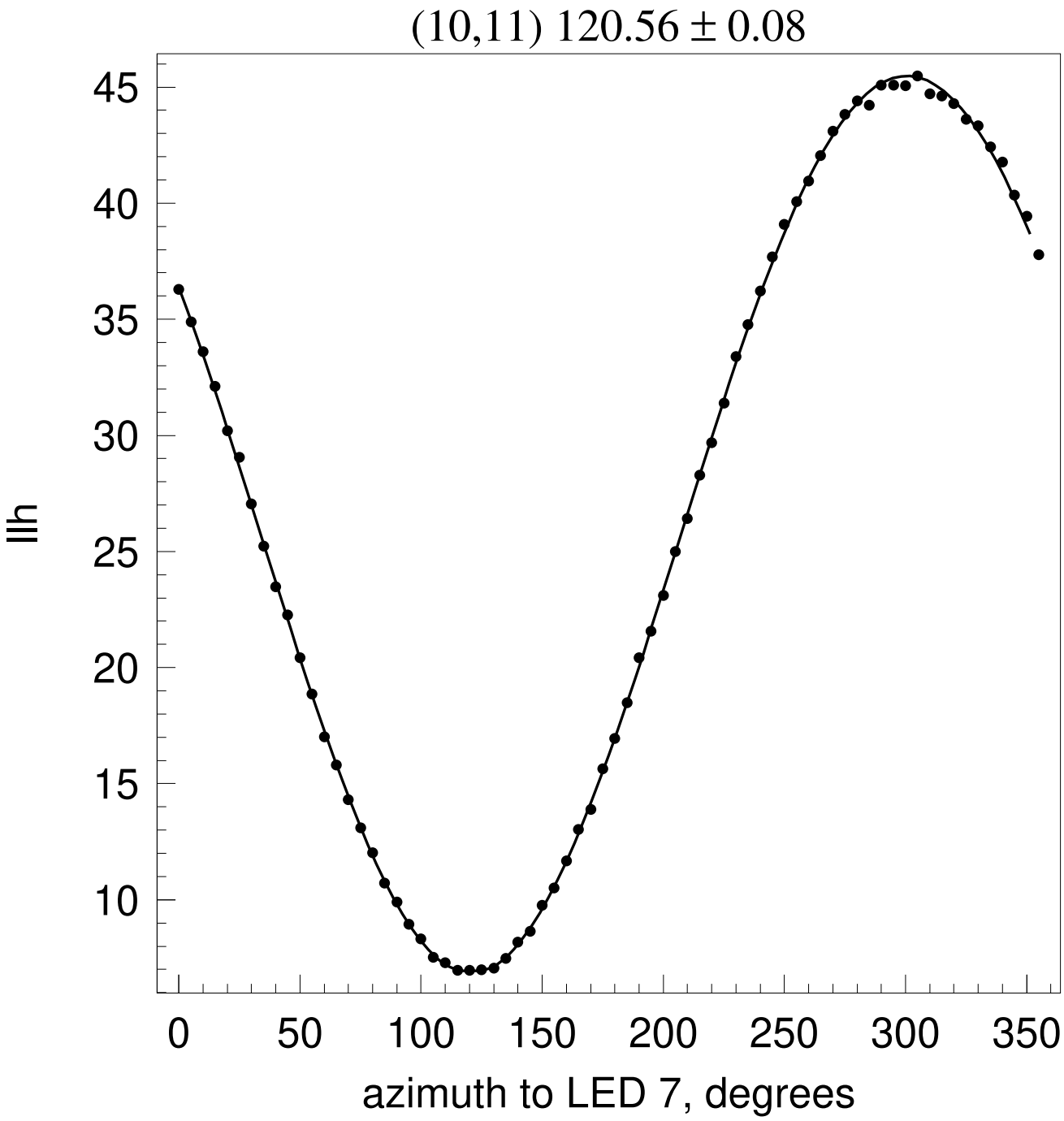

(10,6) 96.87 ± 1.73
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

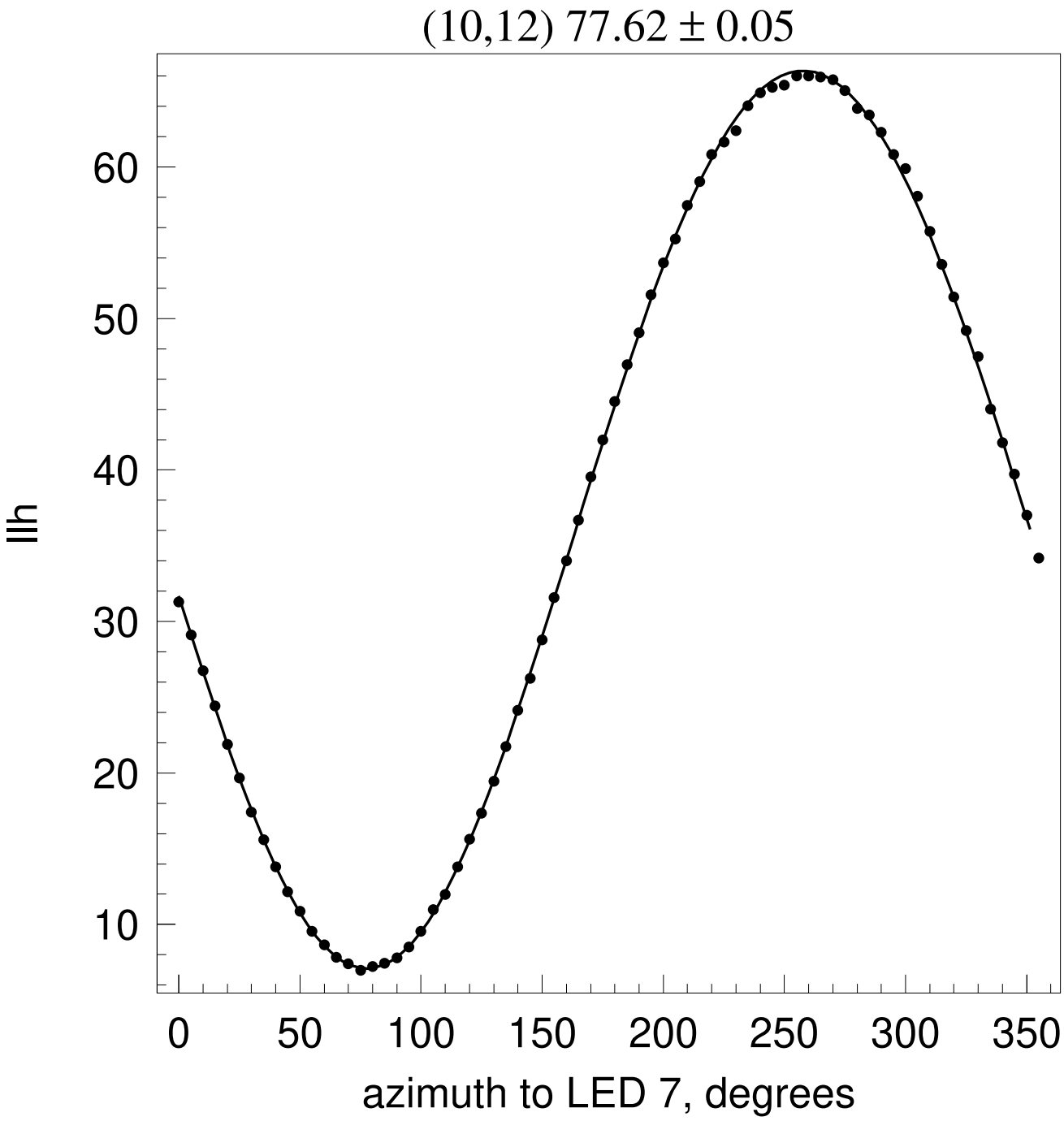

(10,7) 235.28 ± 1.34
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

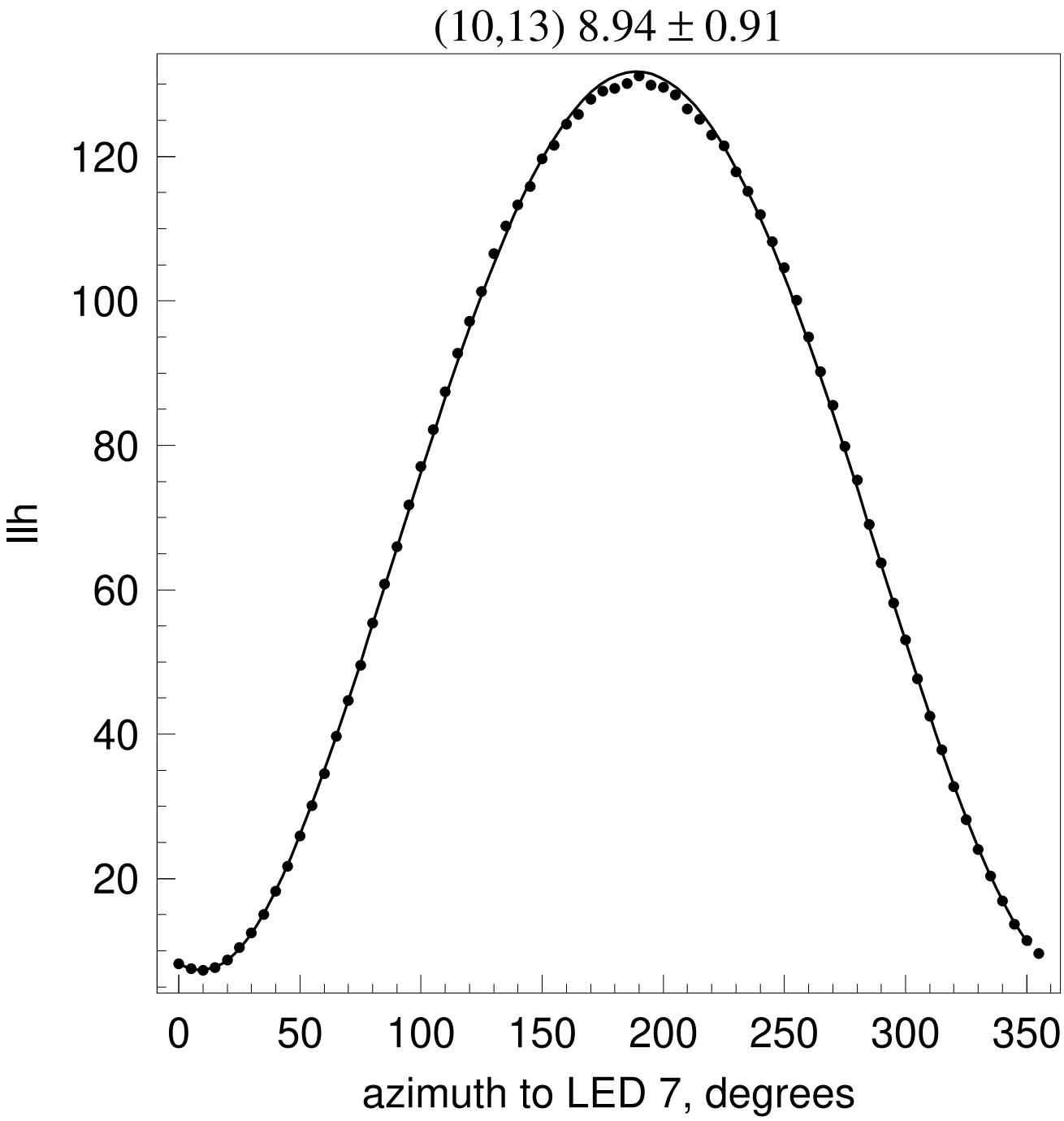

(10,8) 32.48 ± 0.20
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

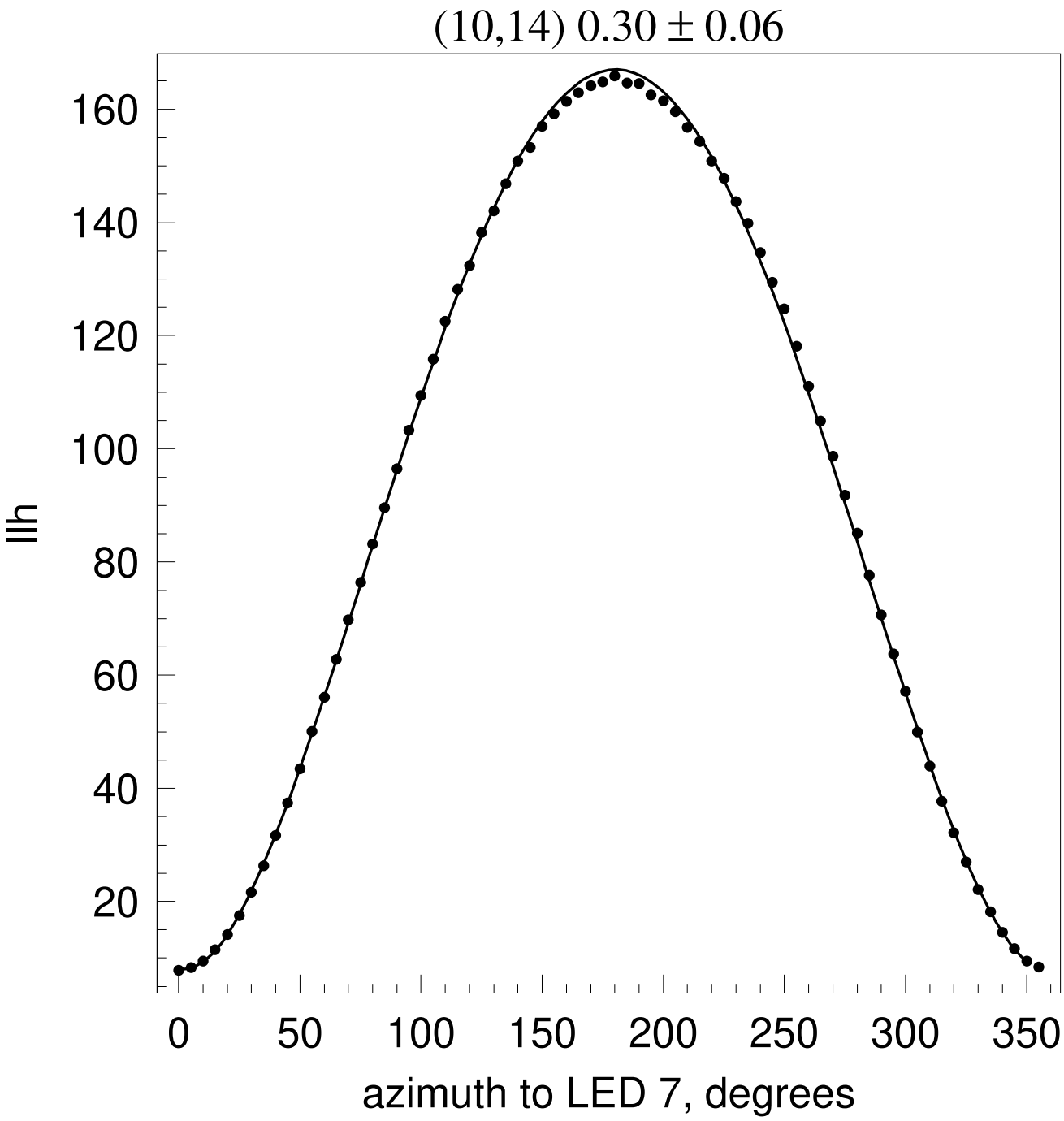

(10,9) 118.39 ± 0.13
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

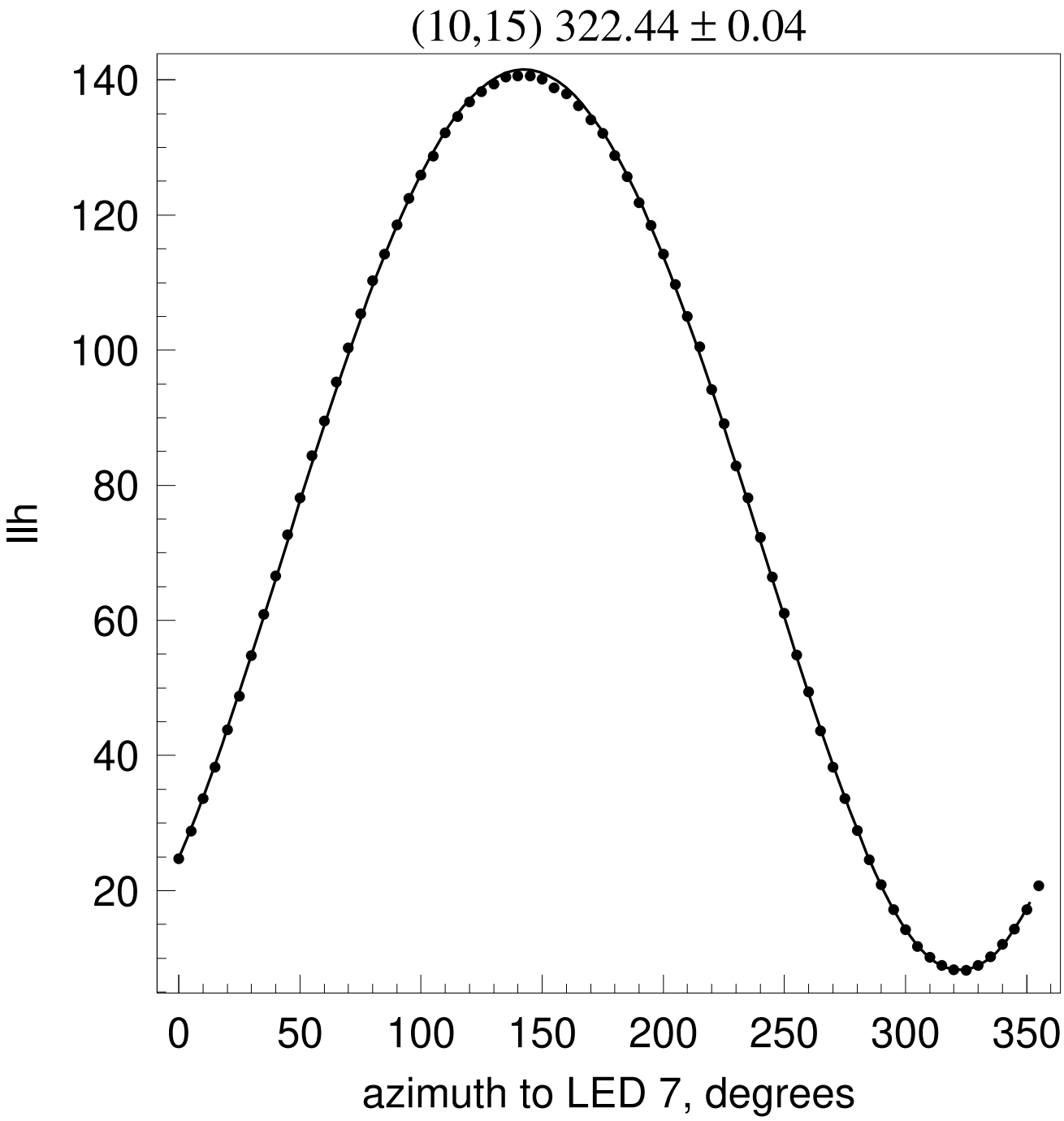

(10,10) 329.39 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

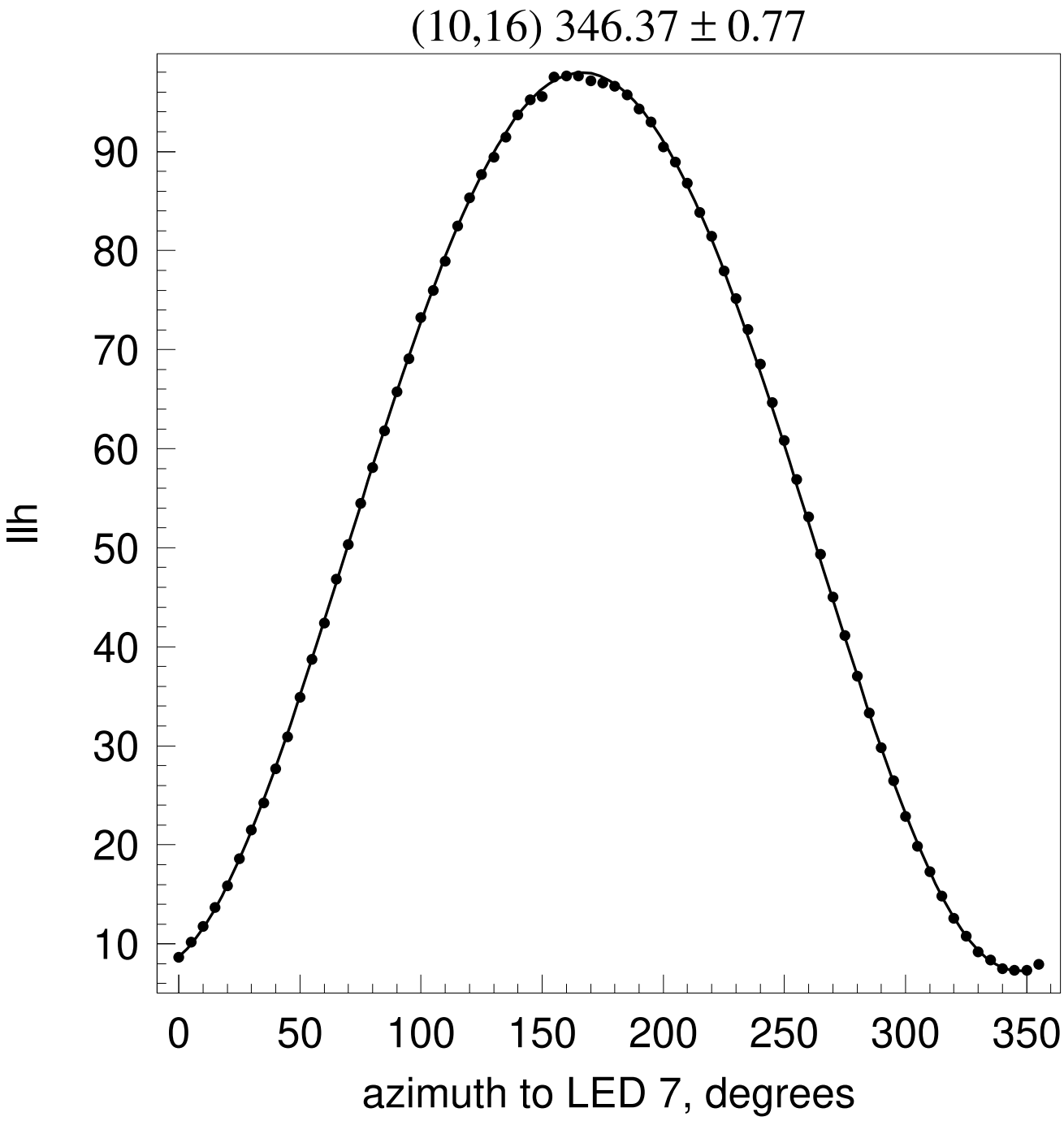

(10,11) 120.56 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

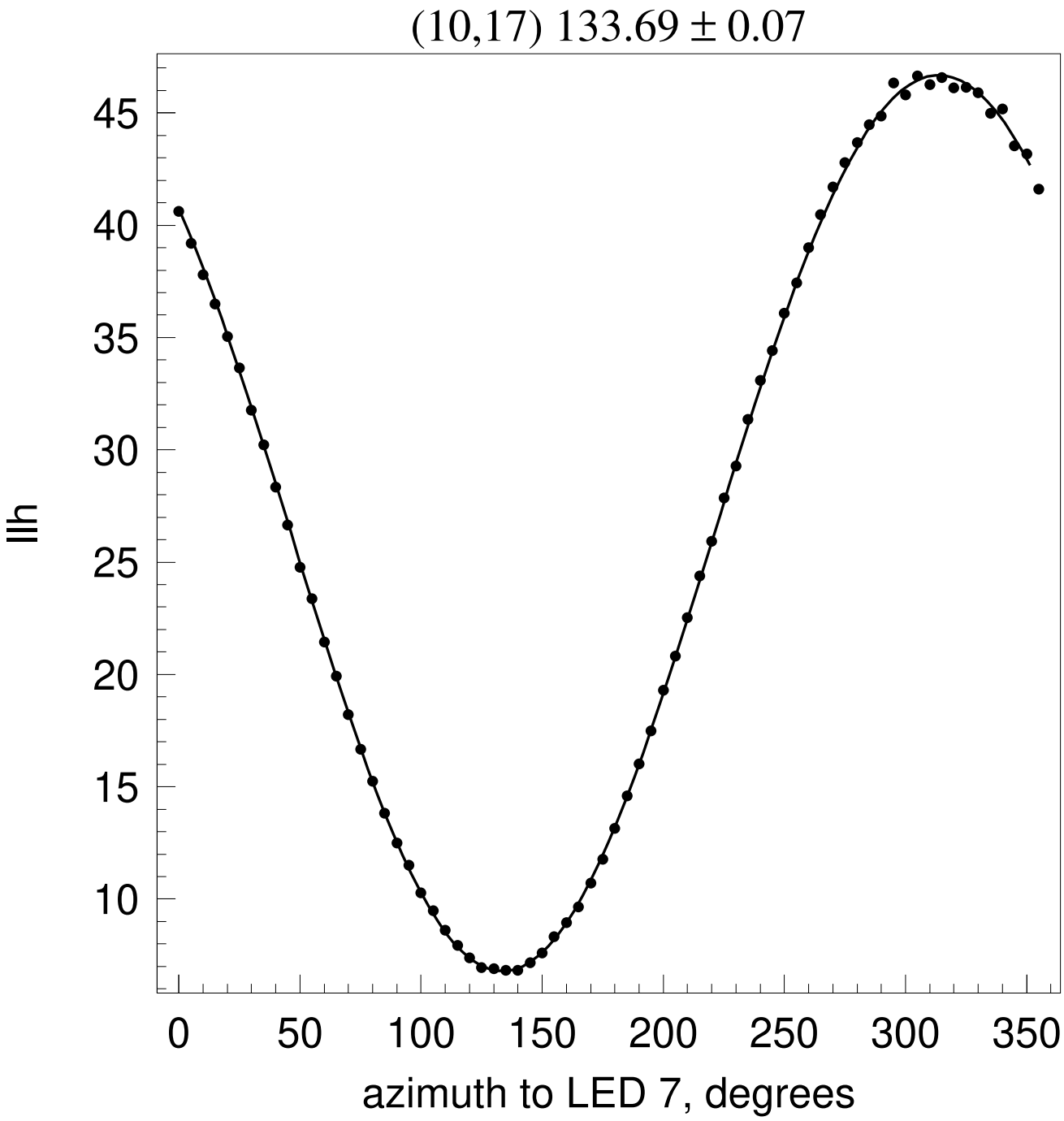

(10,12) 77.62 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

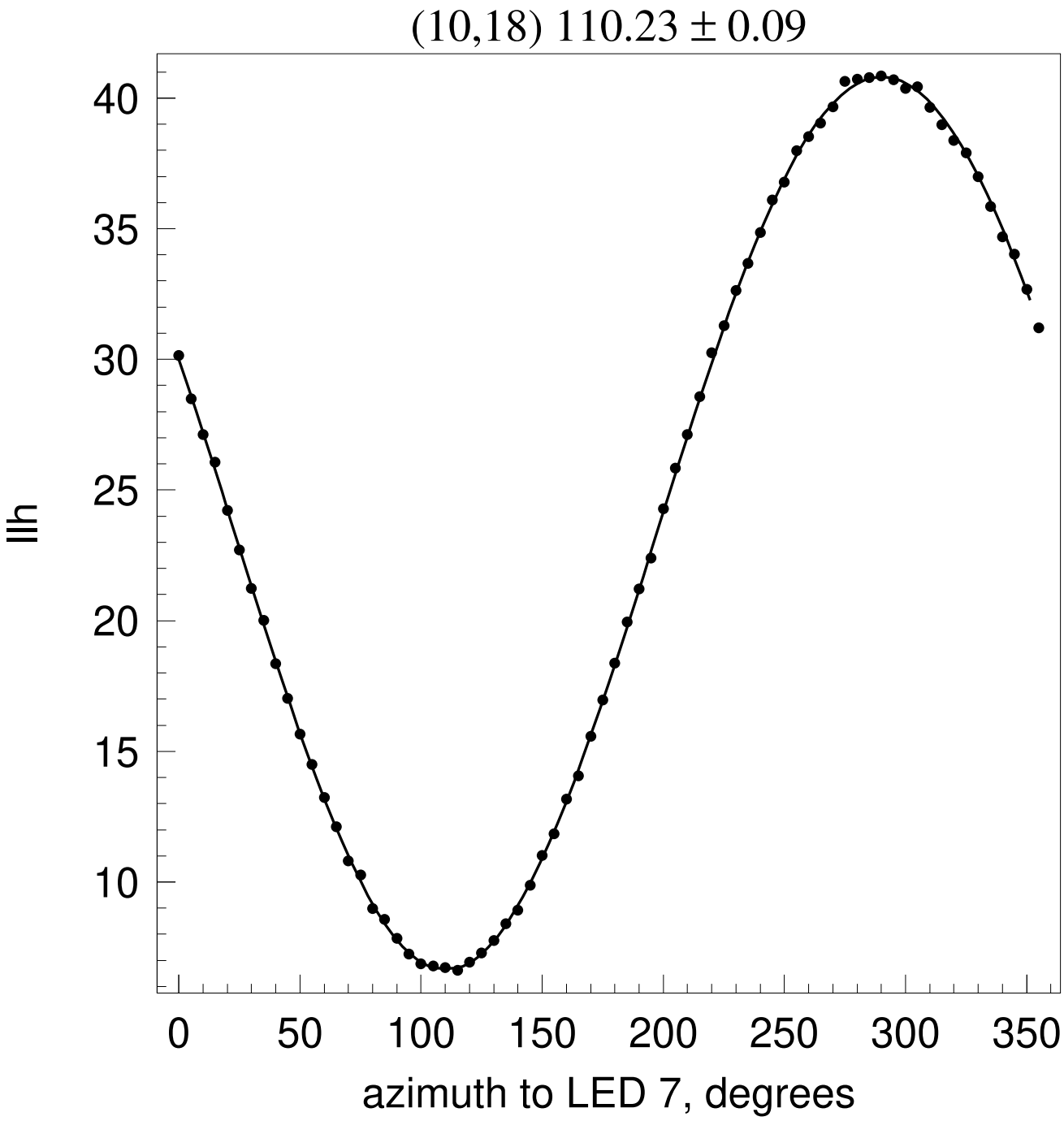

(10,13) 8.94 ± 0.91
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

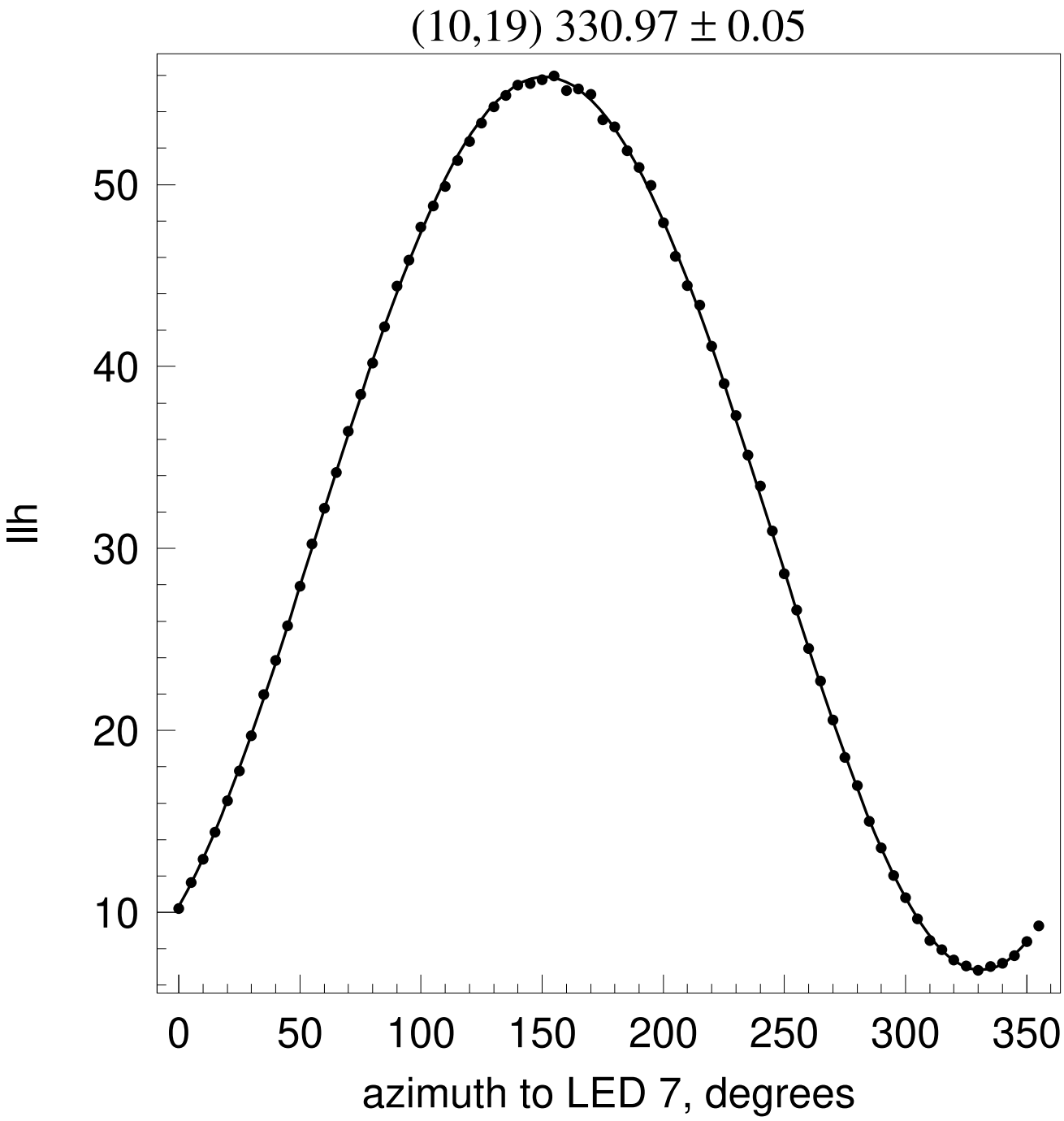

(10,14) 0.30 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

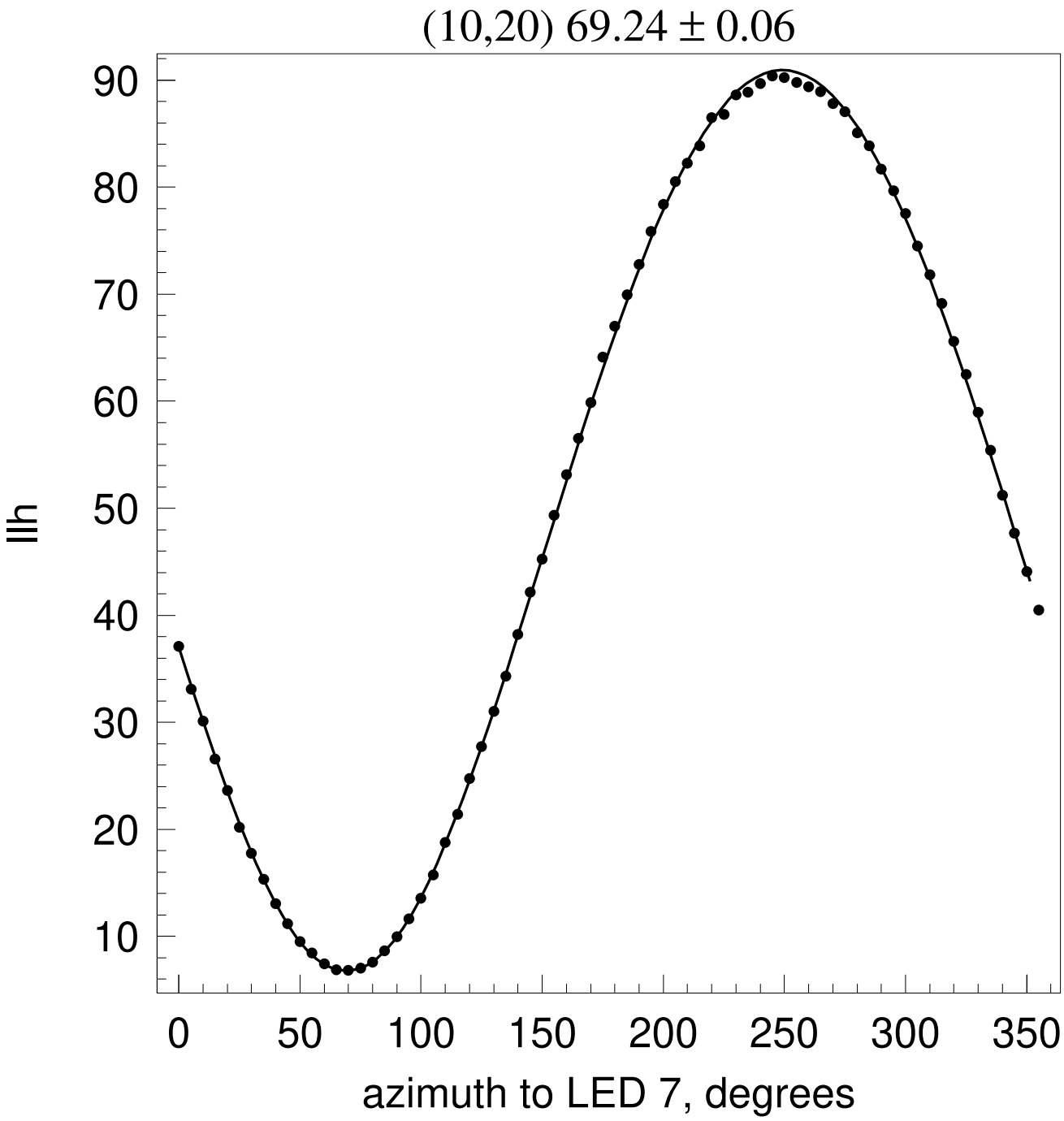

(10,15) 322.44 ± 0.04
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

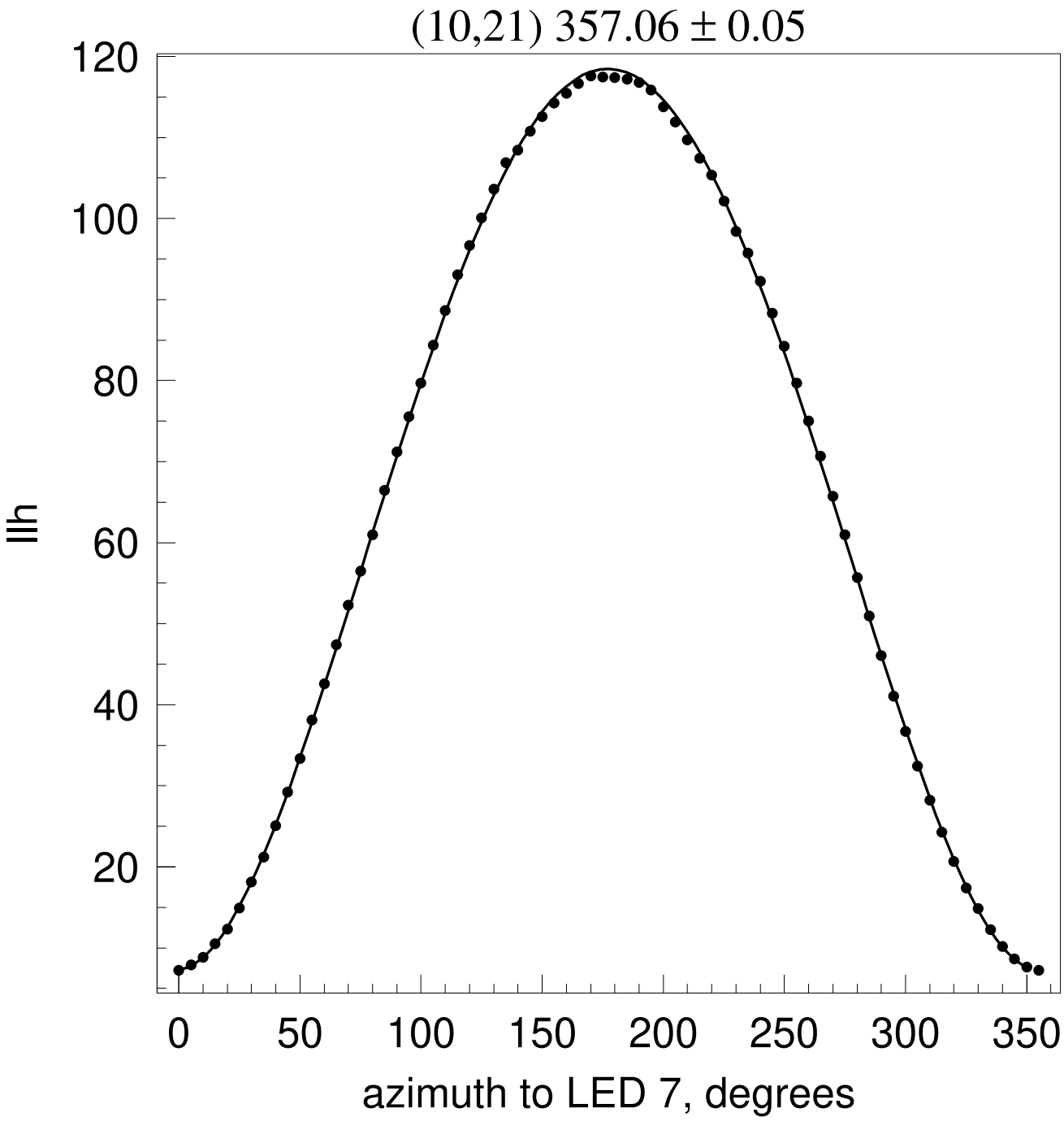

(10,16) 346.37 ± 0.77
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

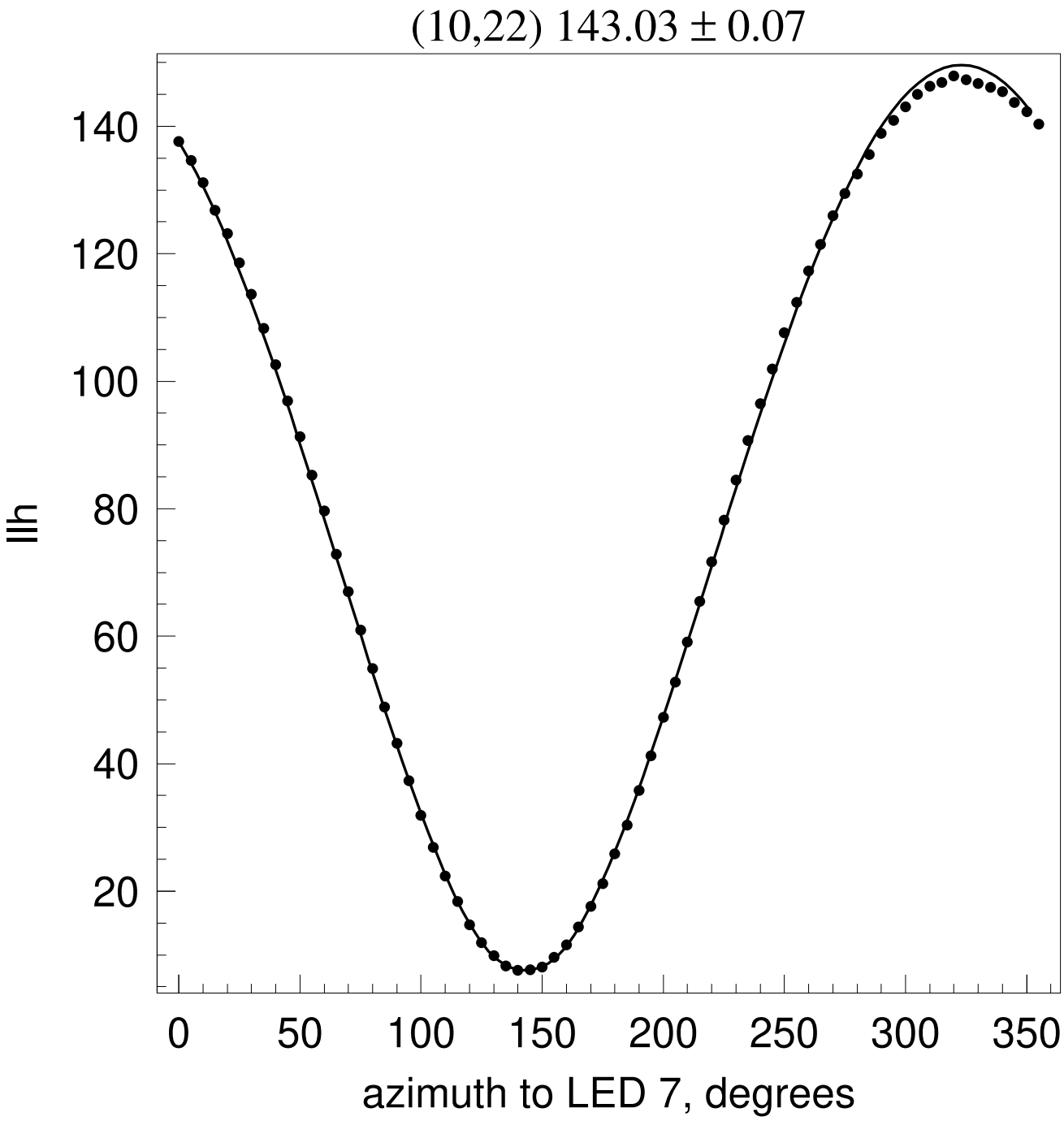

(10,17) 133.69 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

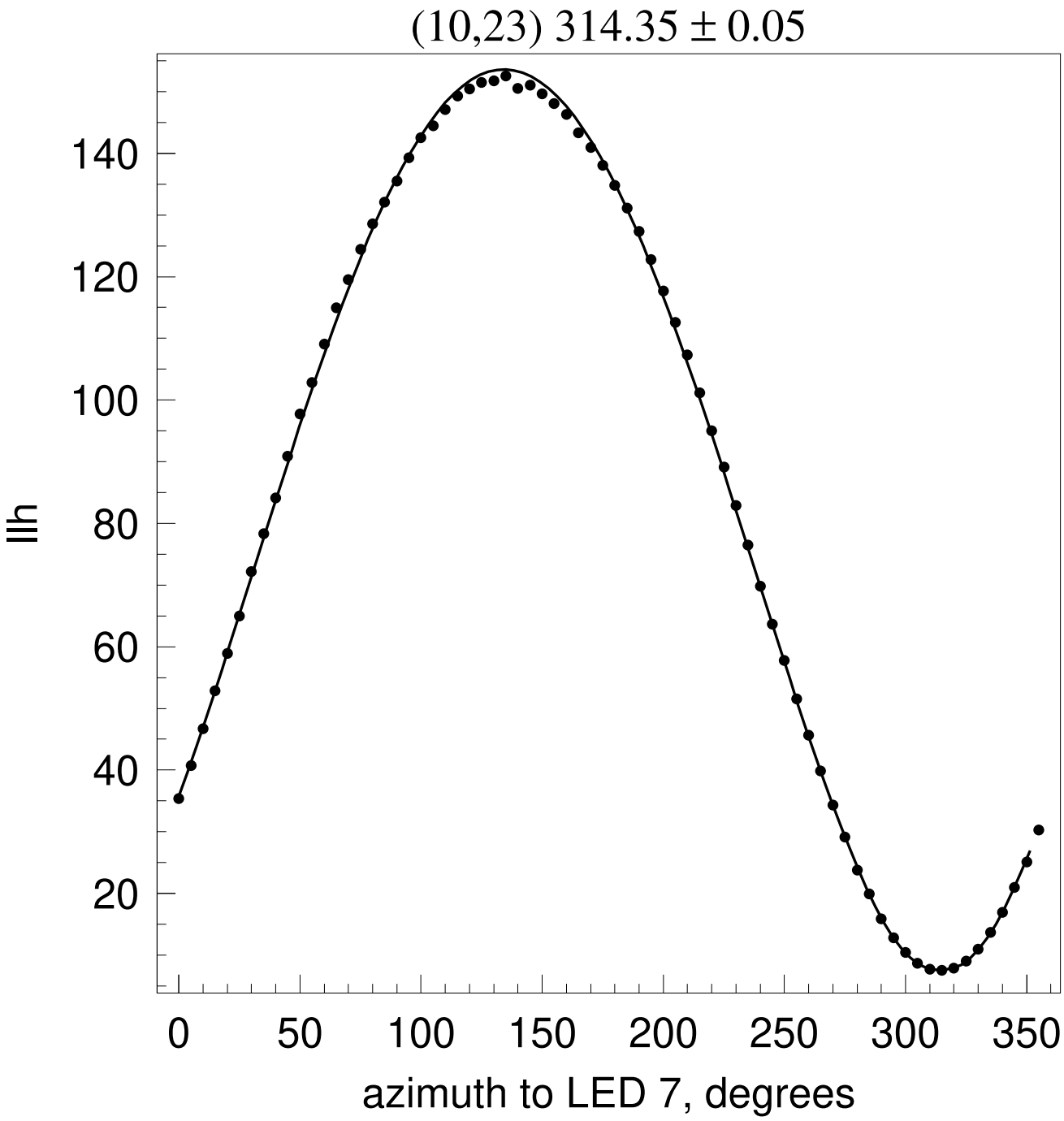

(10,18) 110.23 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

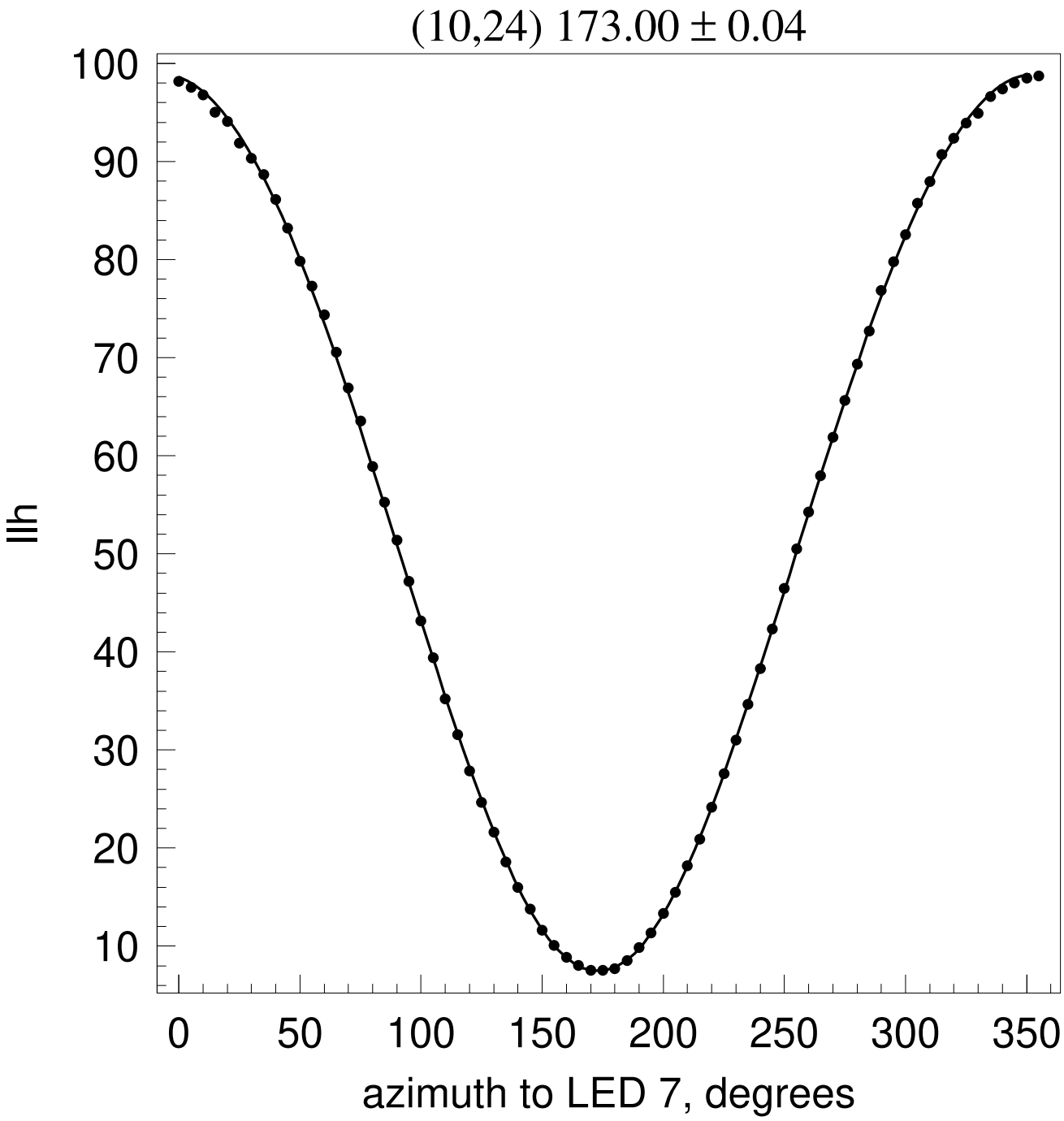

(10,19) 330.97 ± 0.05
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

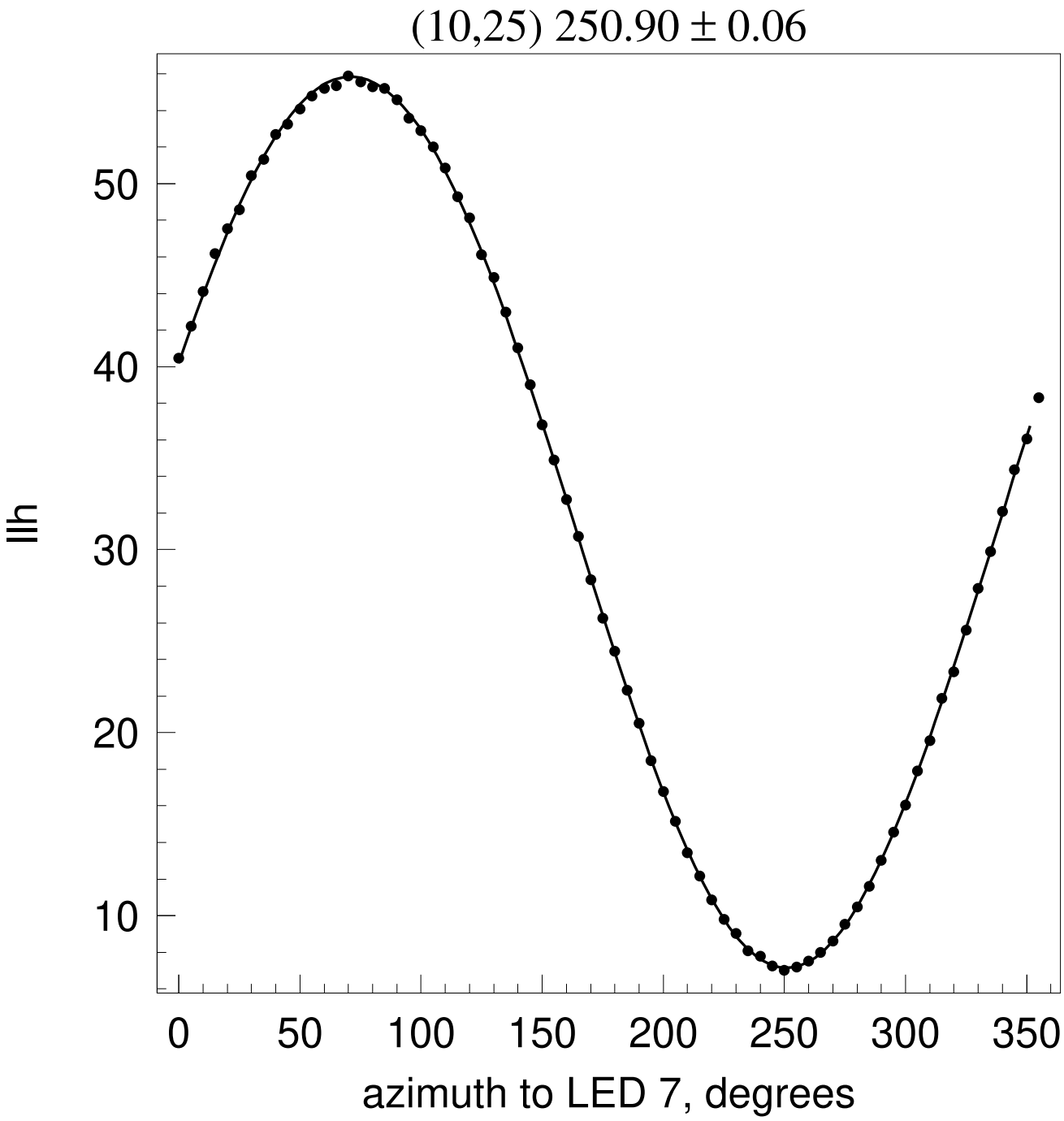

(10,20) 69.24 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

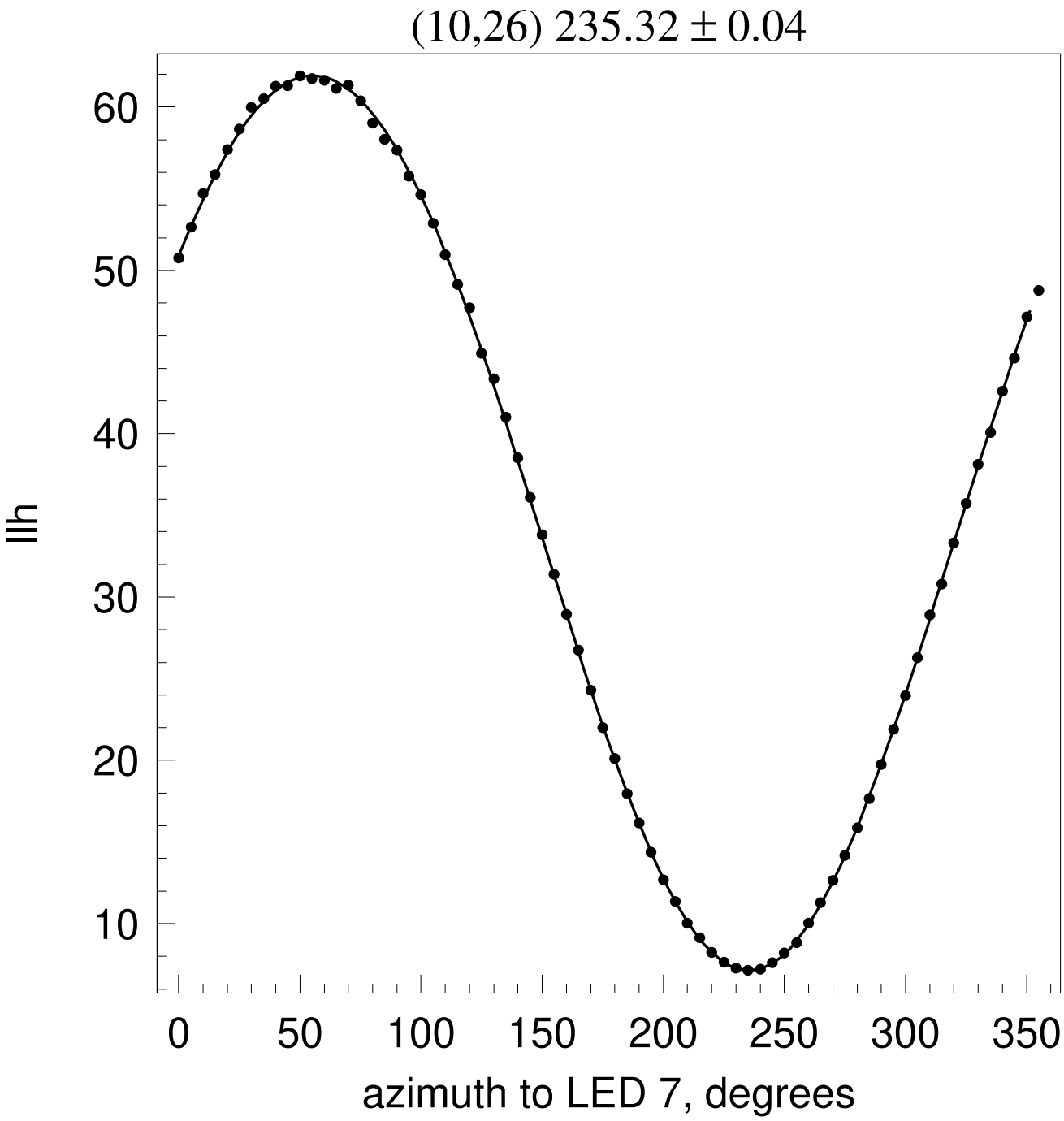

(10,21) 357.06 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

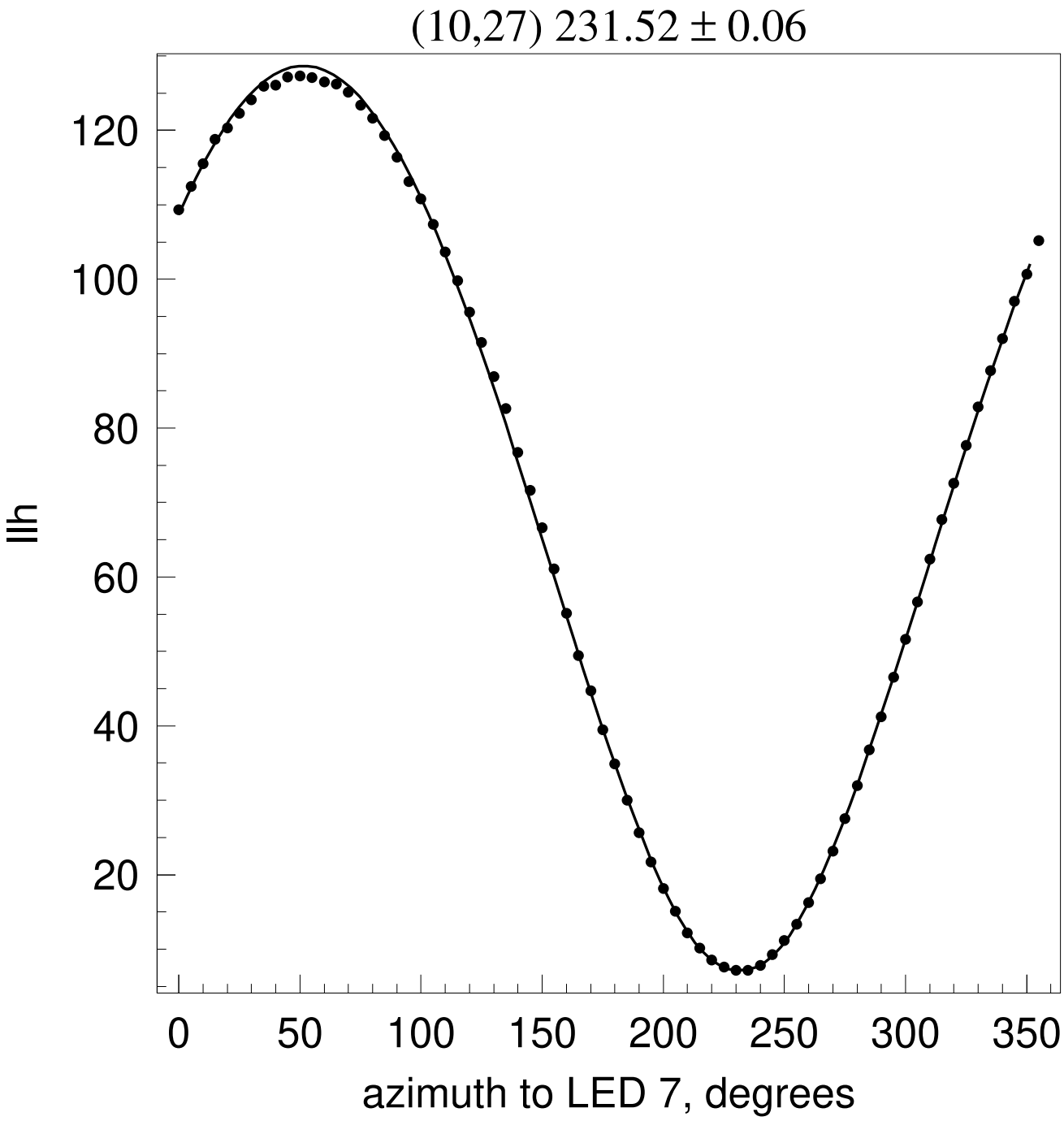

(10,22) 143.03 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

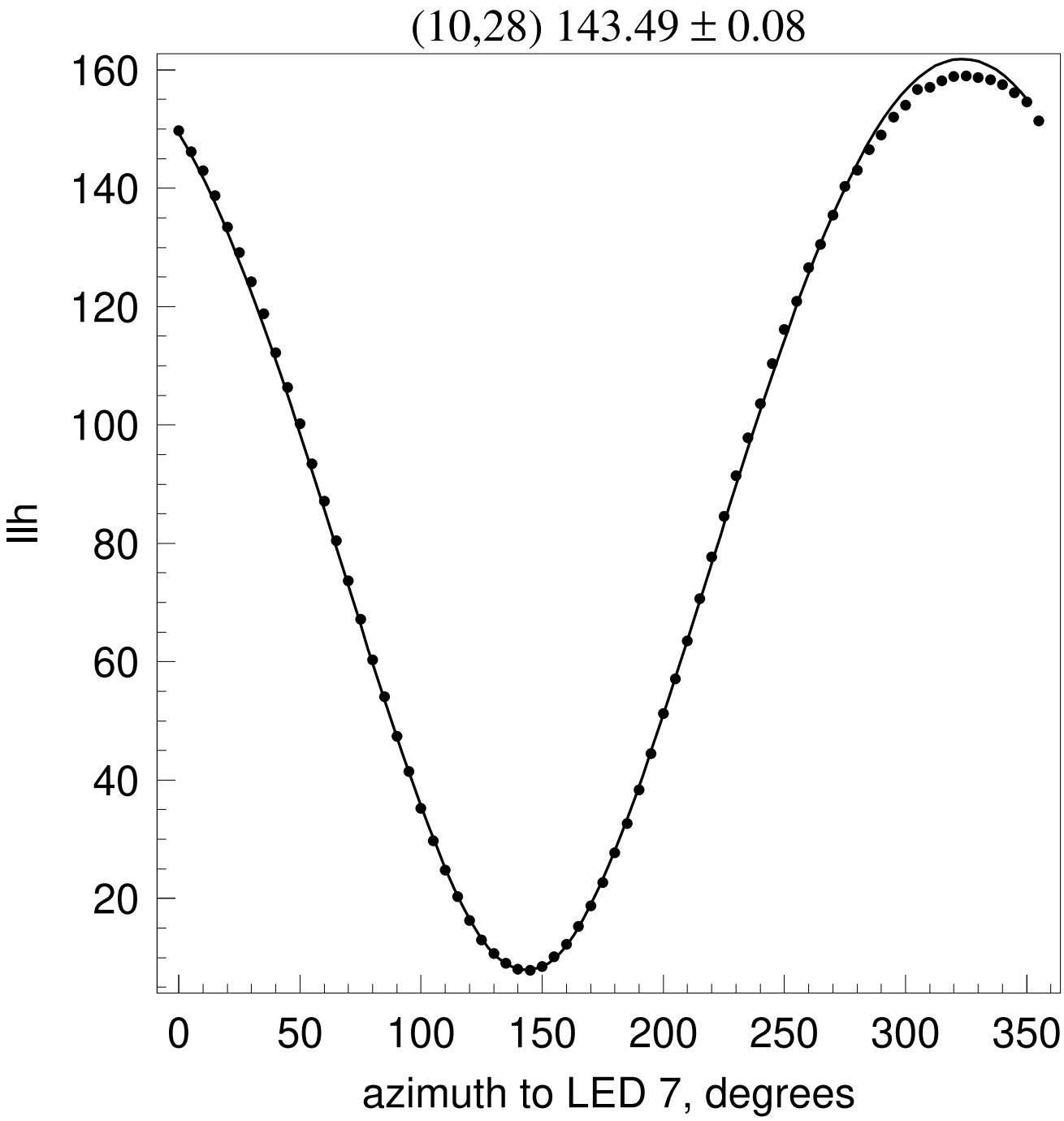

(10,23) 314.35 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

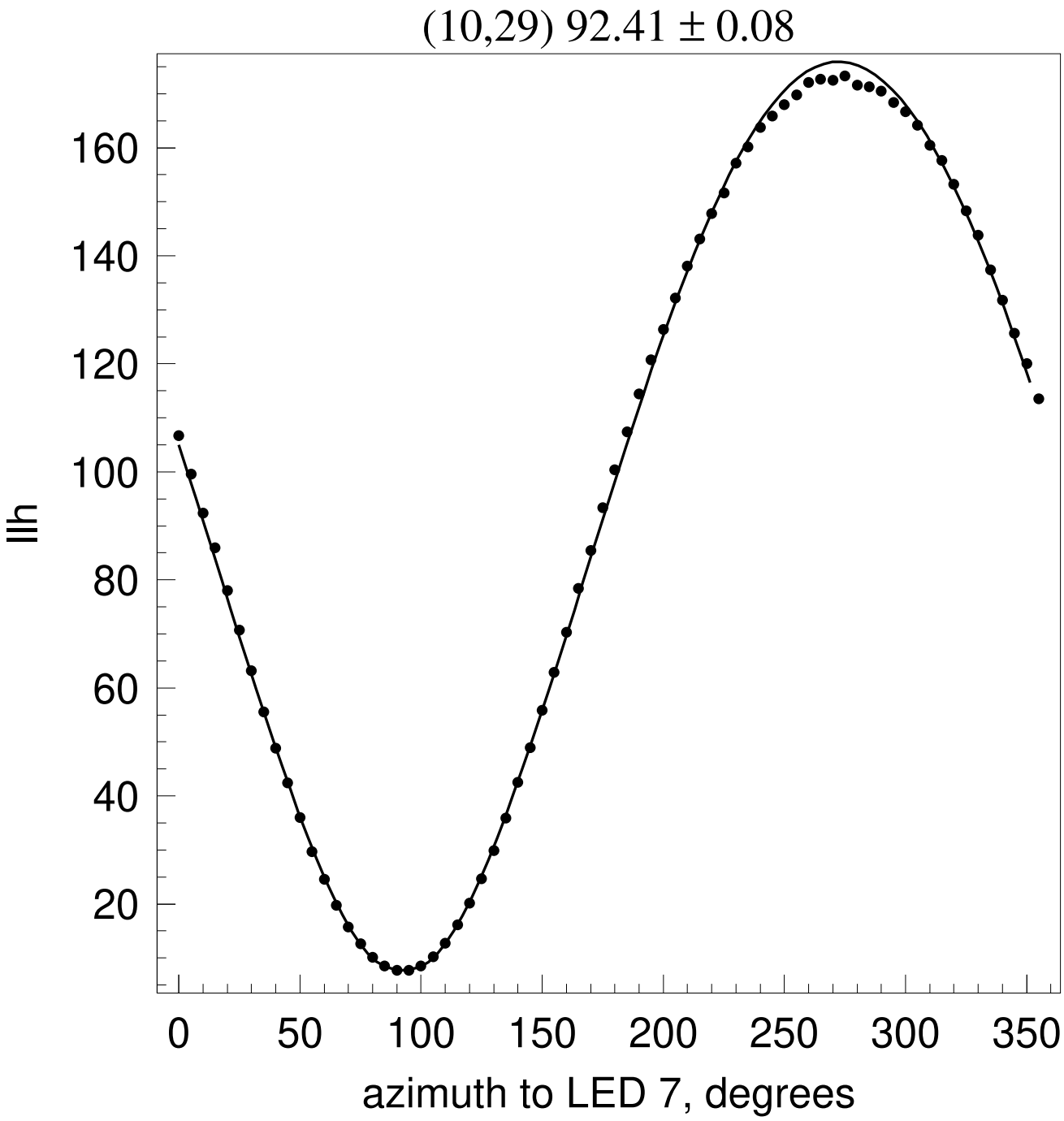

(10,24) 173.00 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

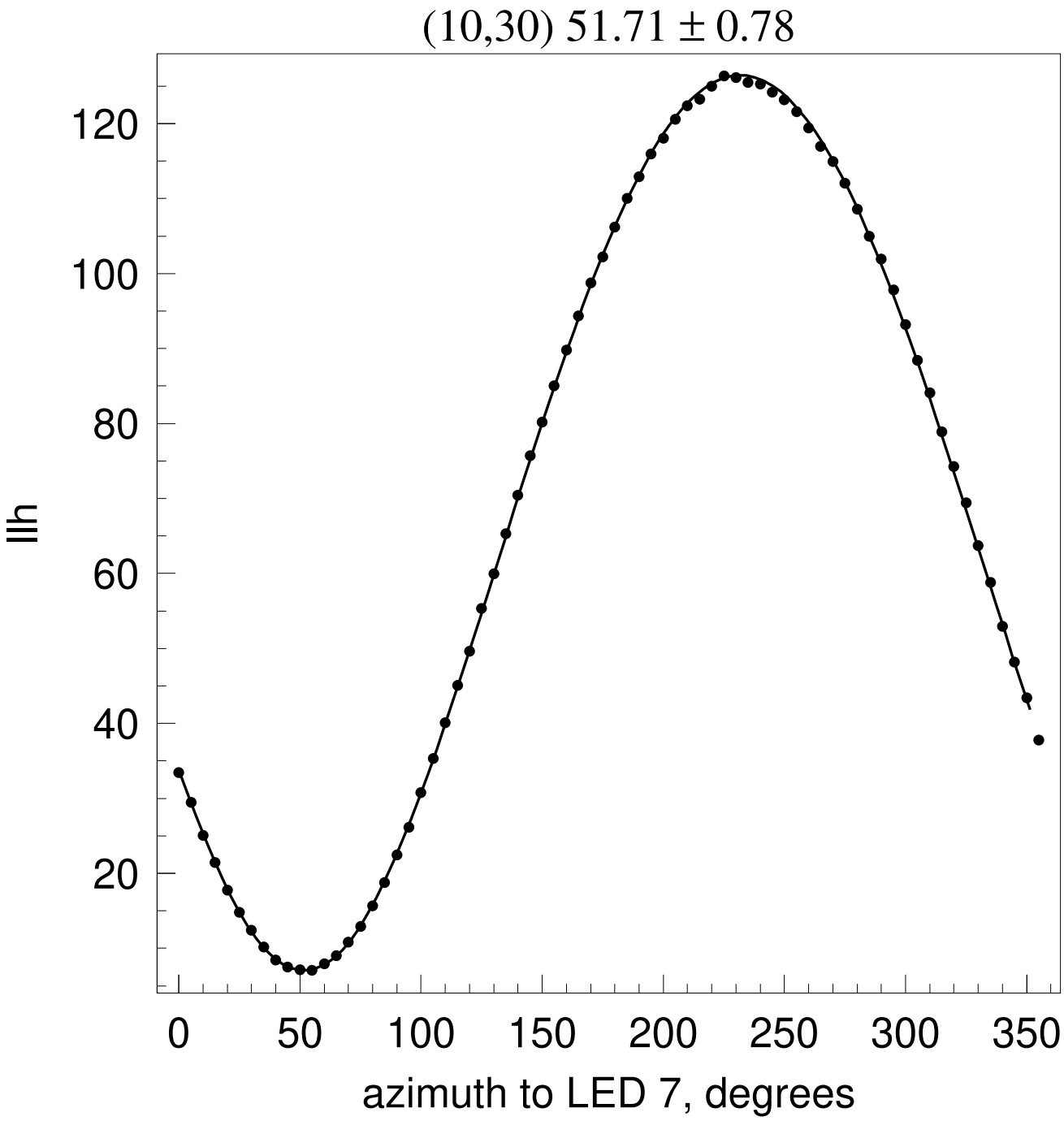

(10,25) 250.90 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

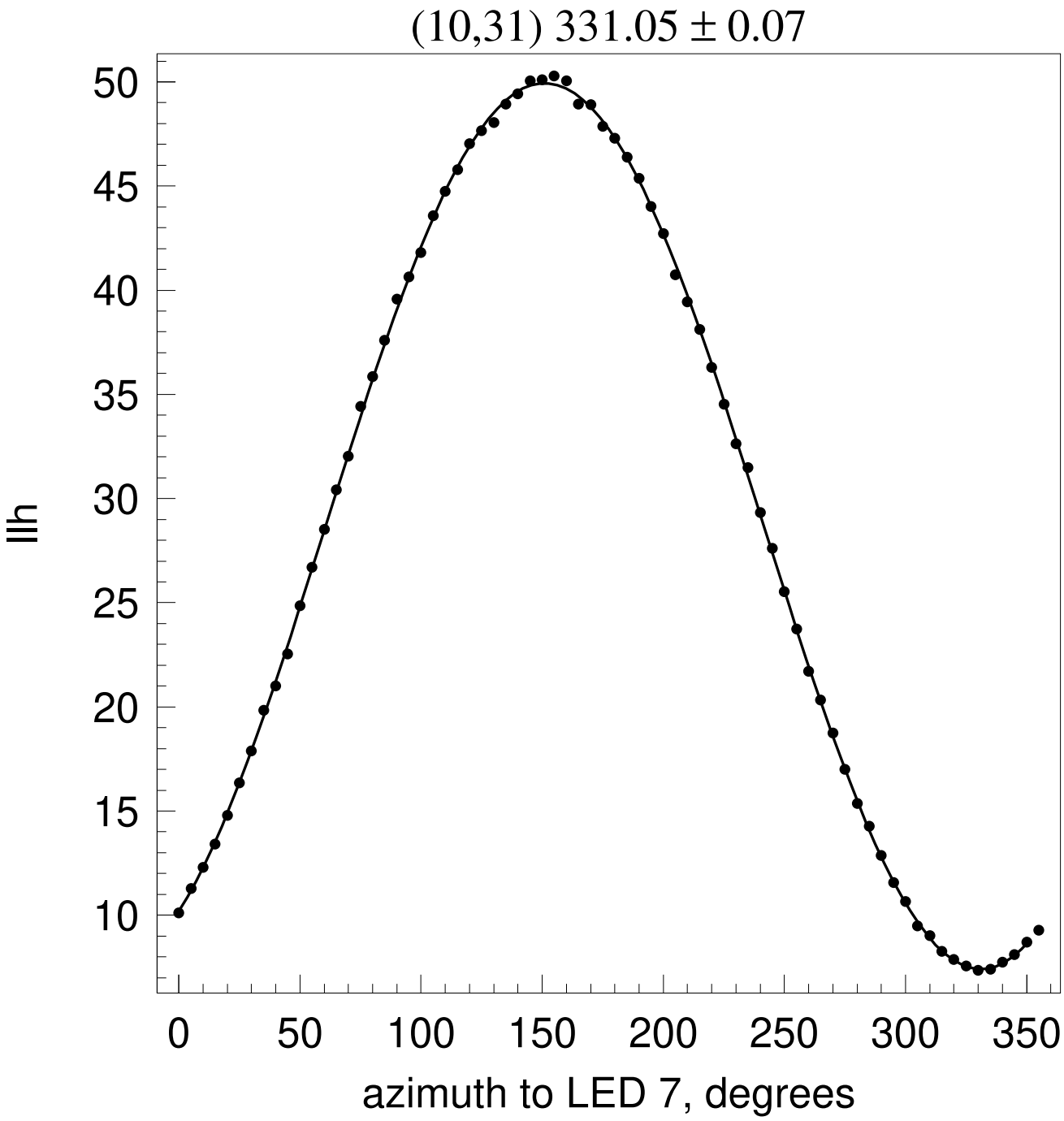

(10,26) 235.32 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

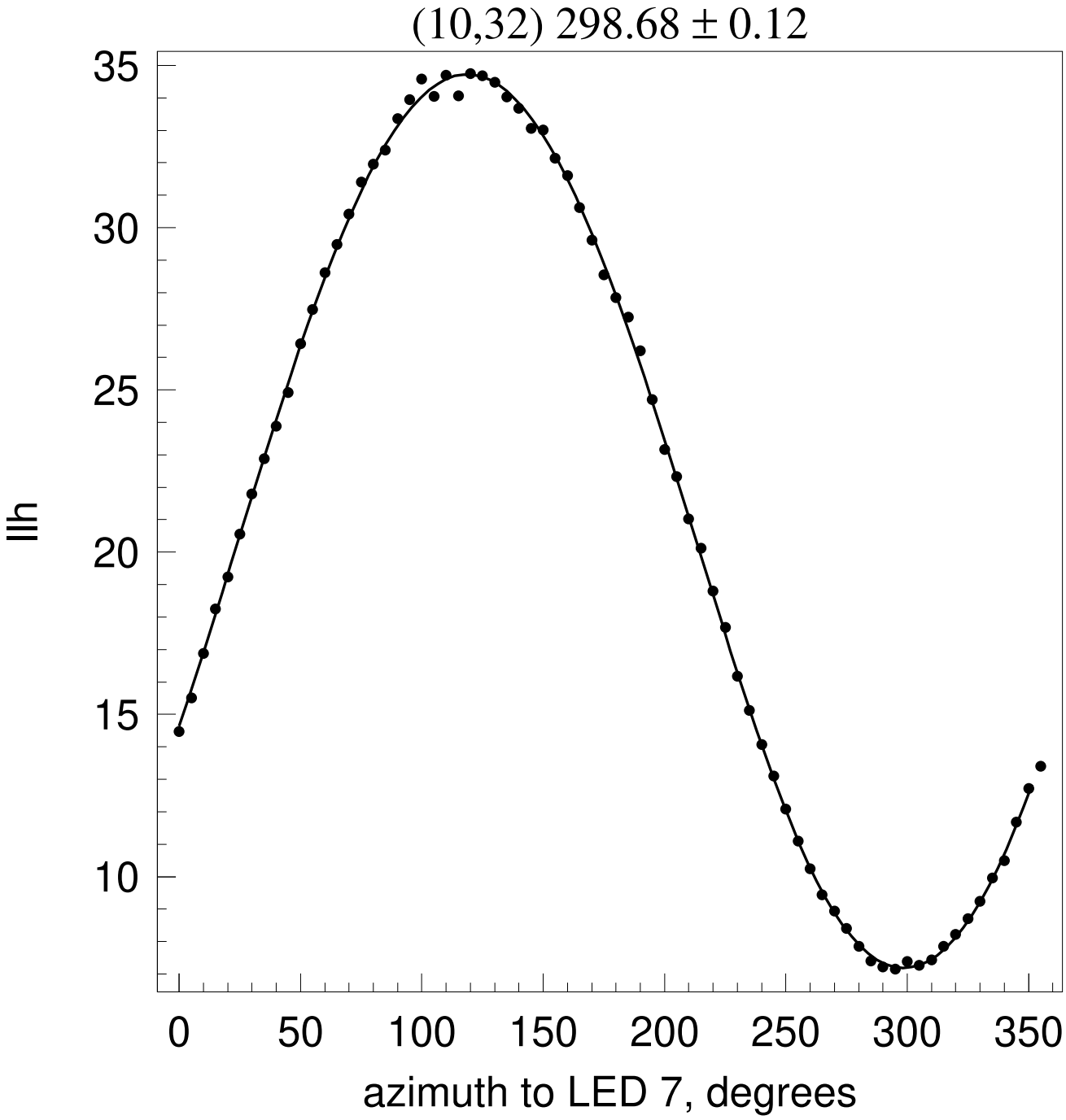

(10,27) 231.52 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

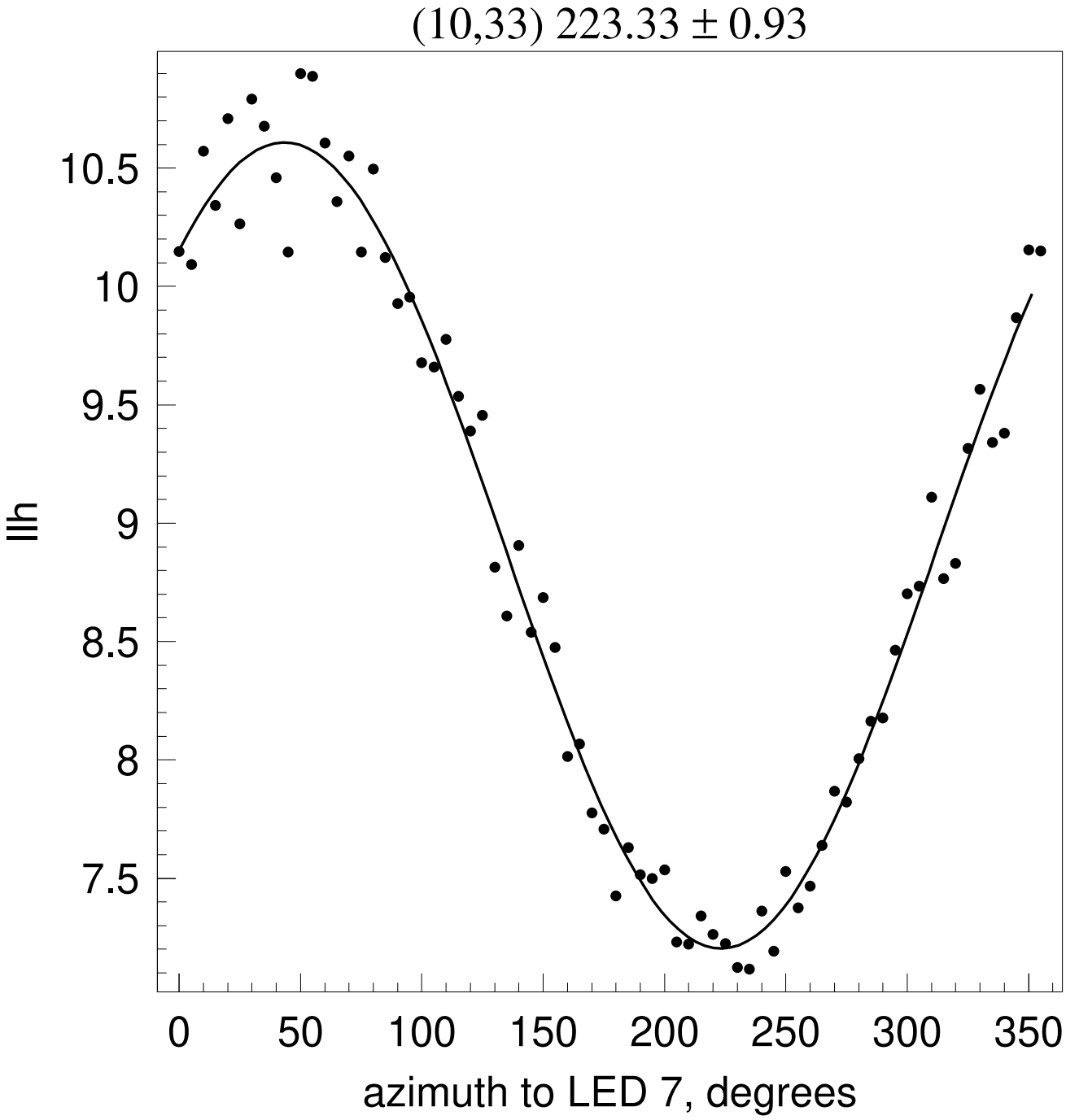

(10,28) 143.49 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

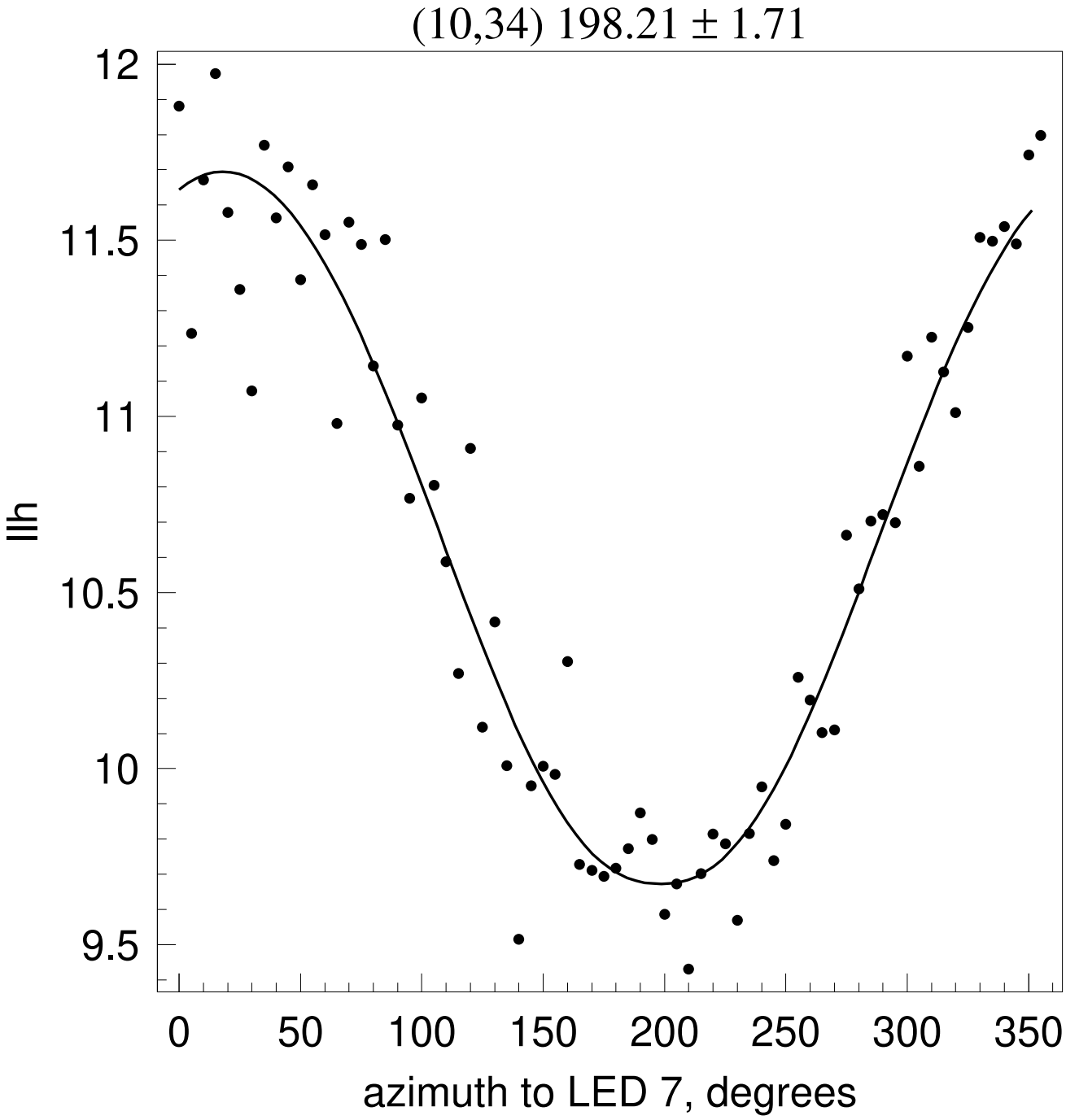

(10,29) 92.41 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

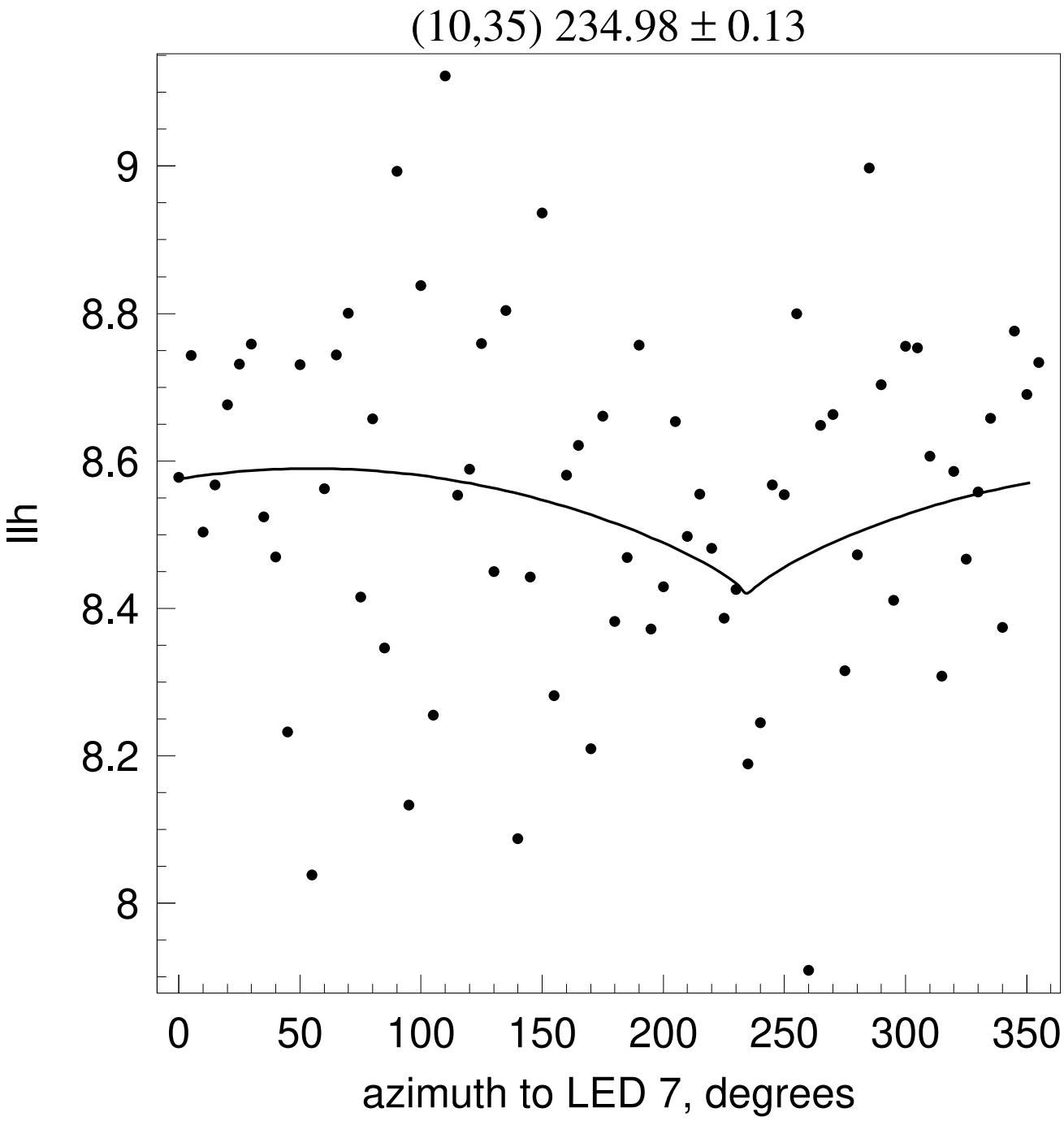

(10,30) 51.71 ± 0.78
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

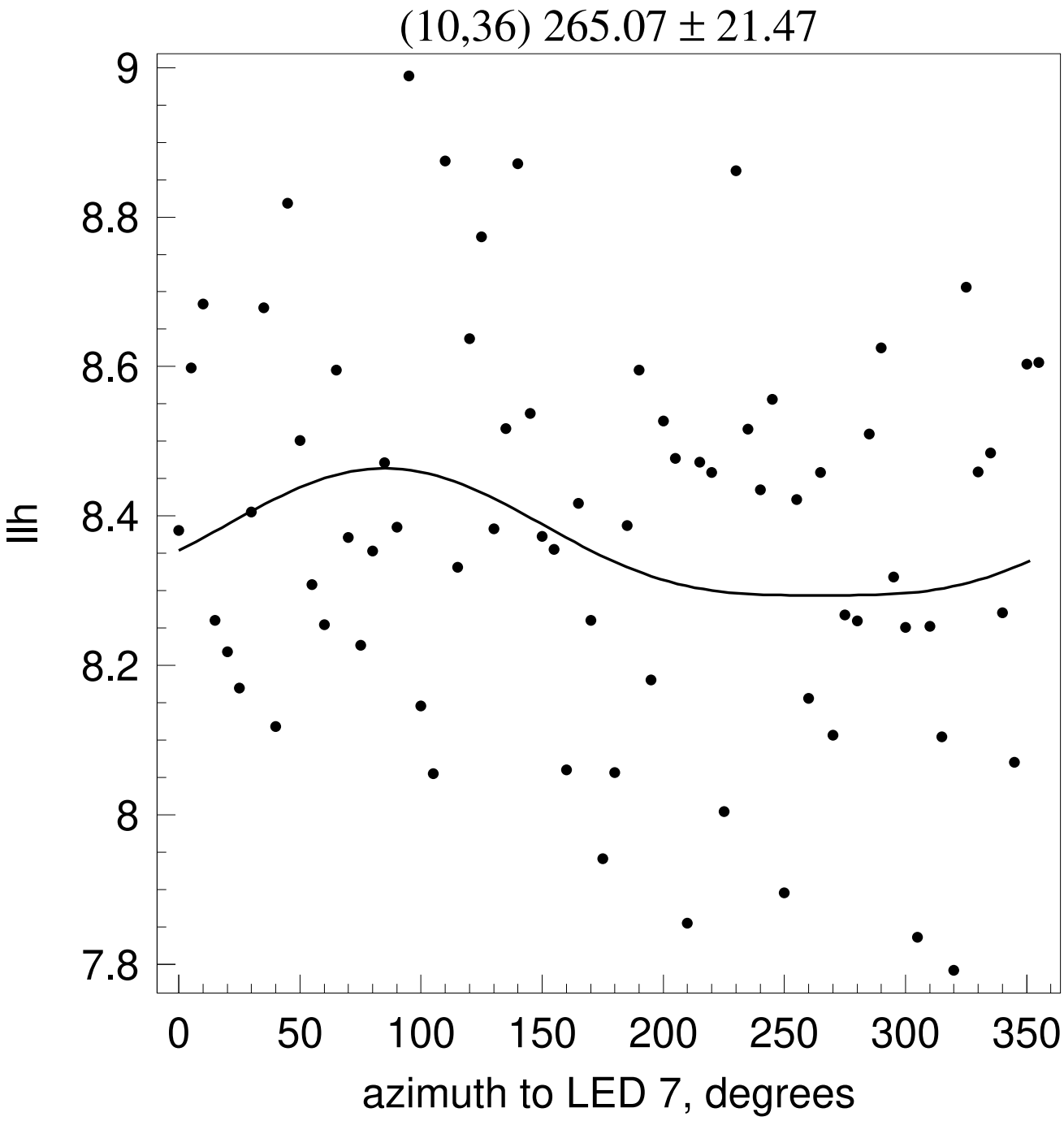

(10,31) 331.05 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

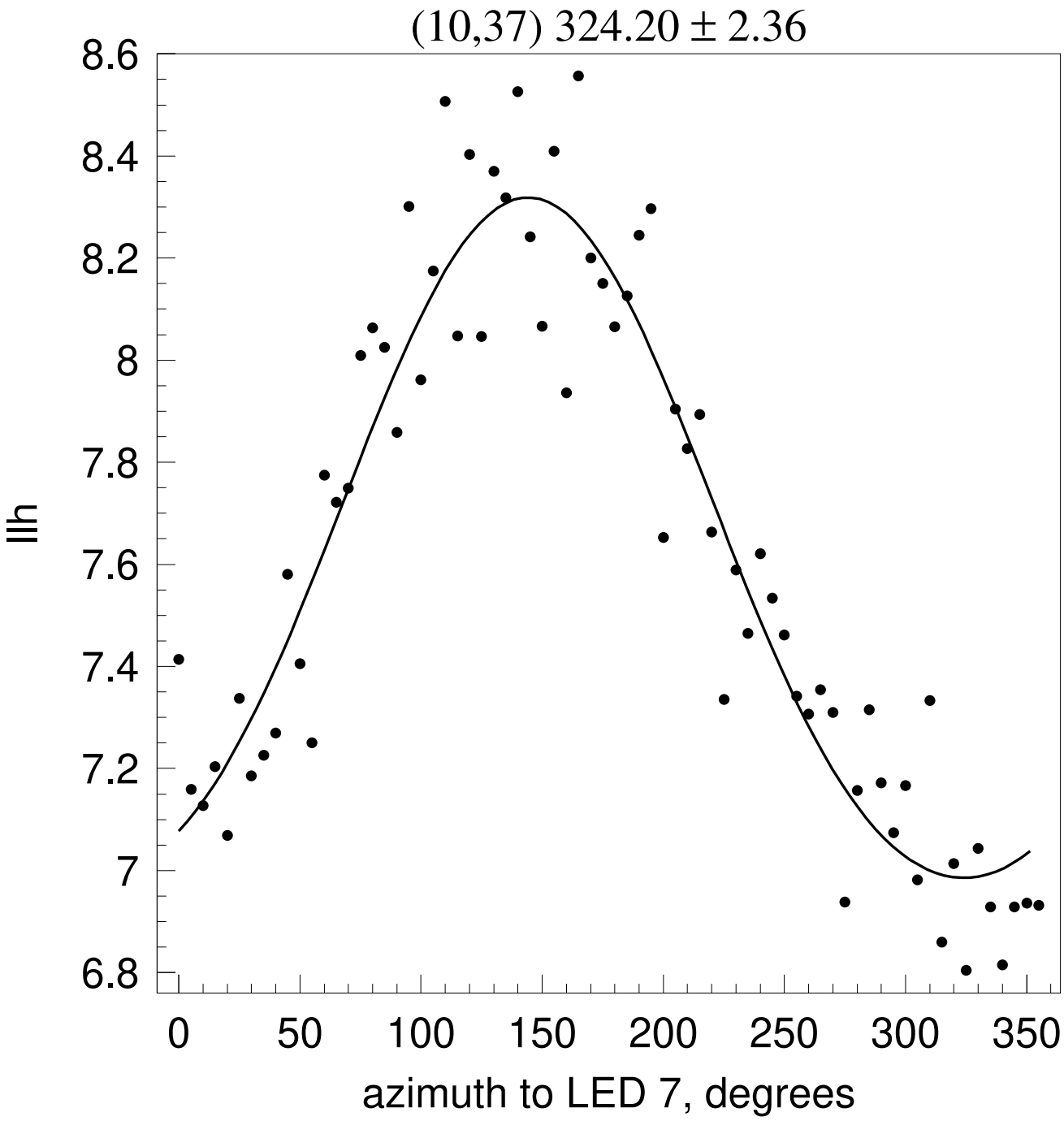

(10,32) 298.68 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

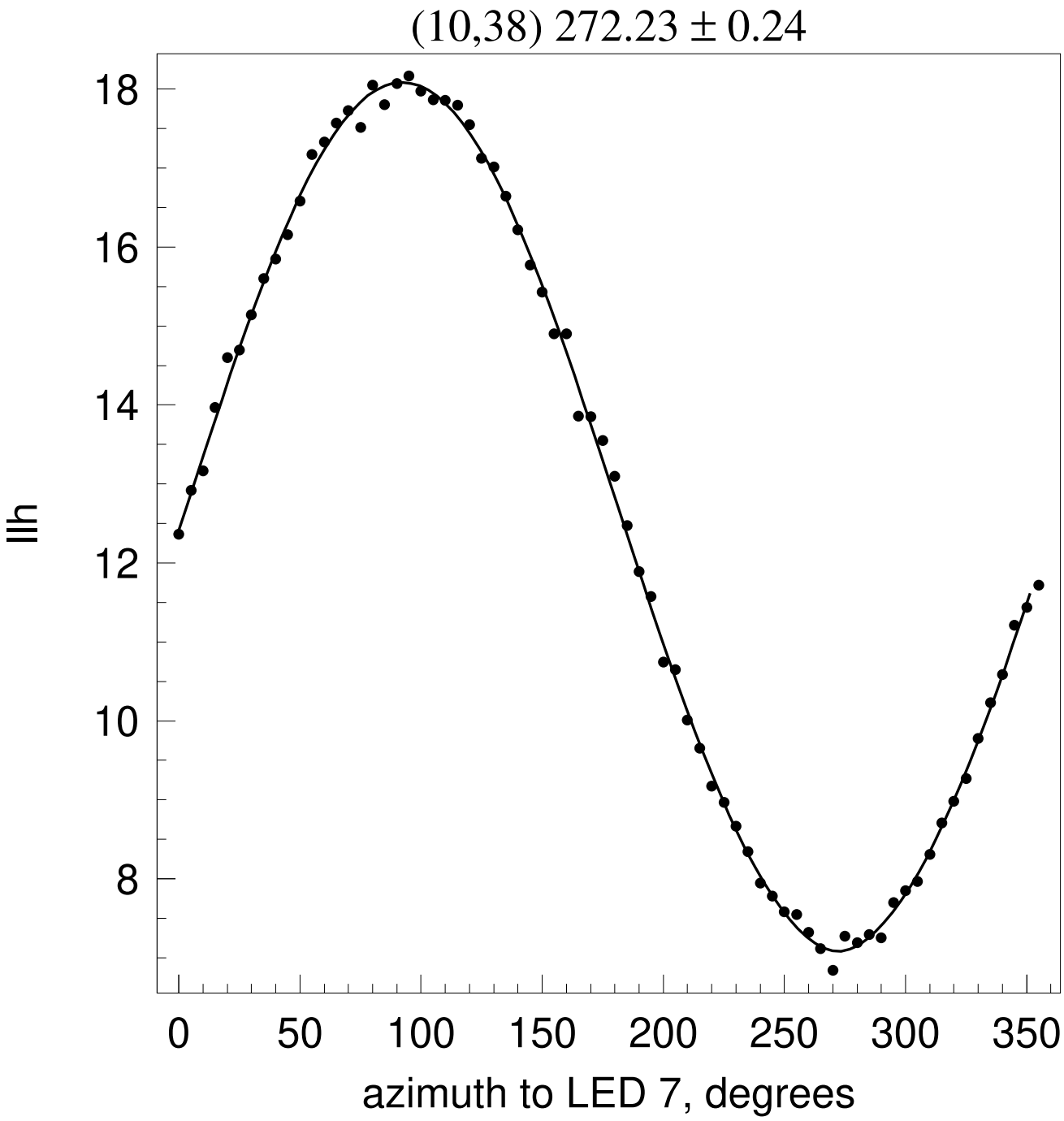

(10,33) 223.33 ± 0.93
10.5
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

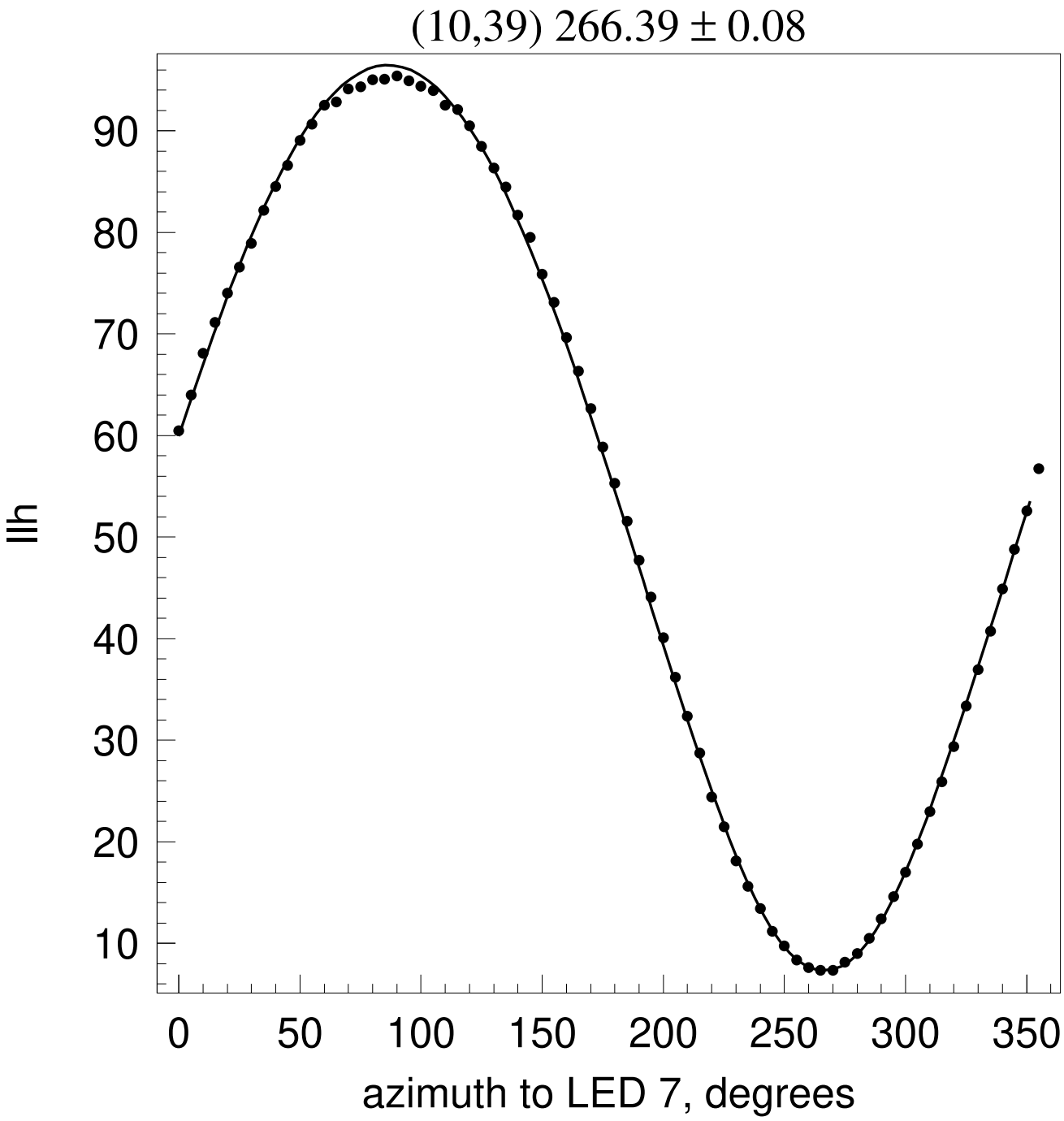

(10,34) 198.21 ± 1.71
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

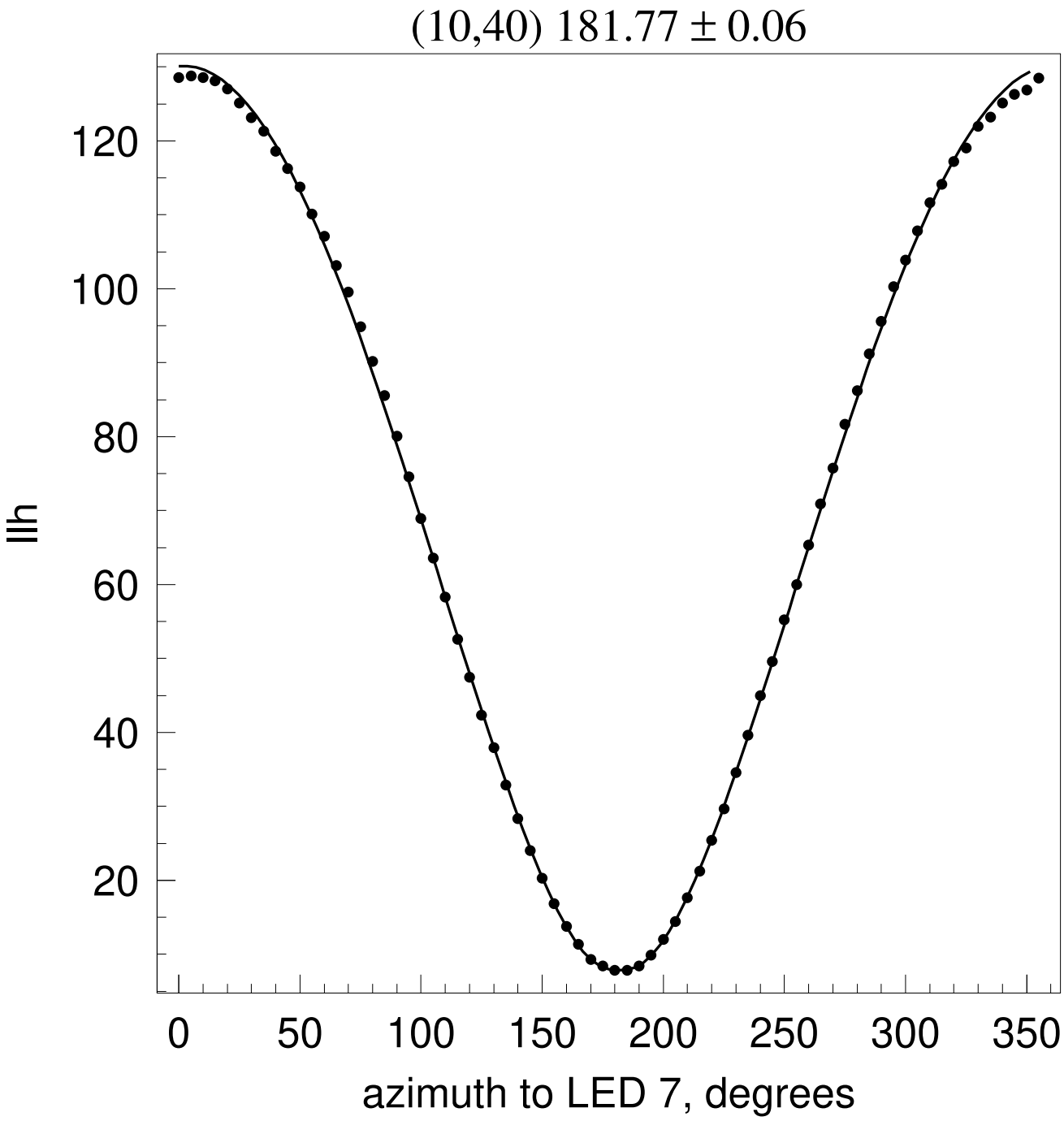

(10,35) 234.98 ± 0.13
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

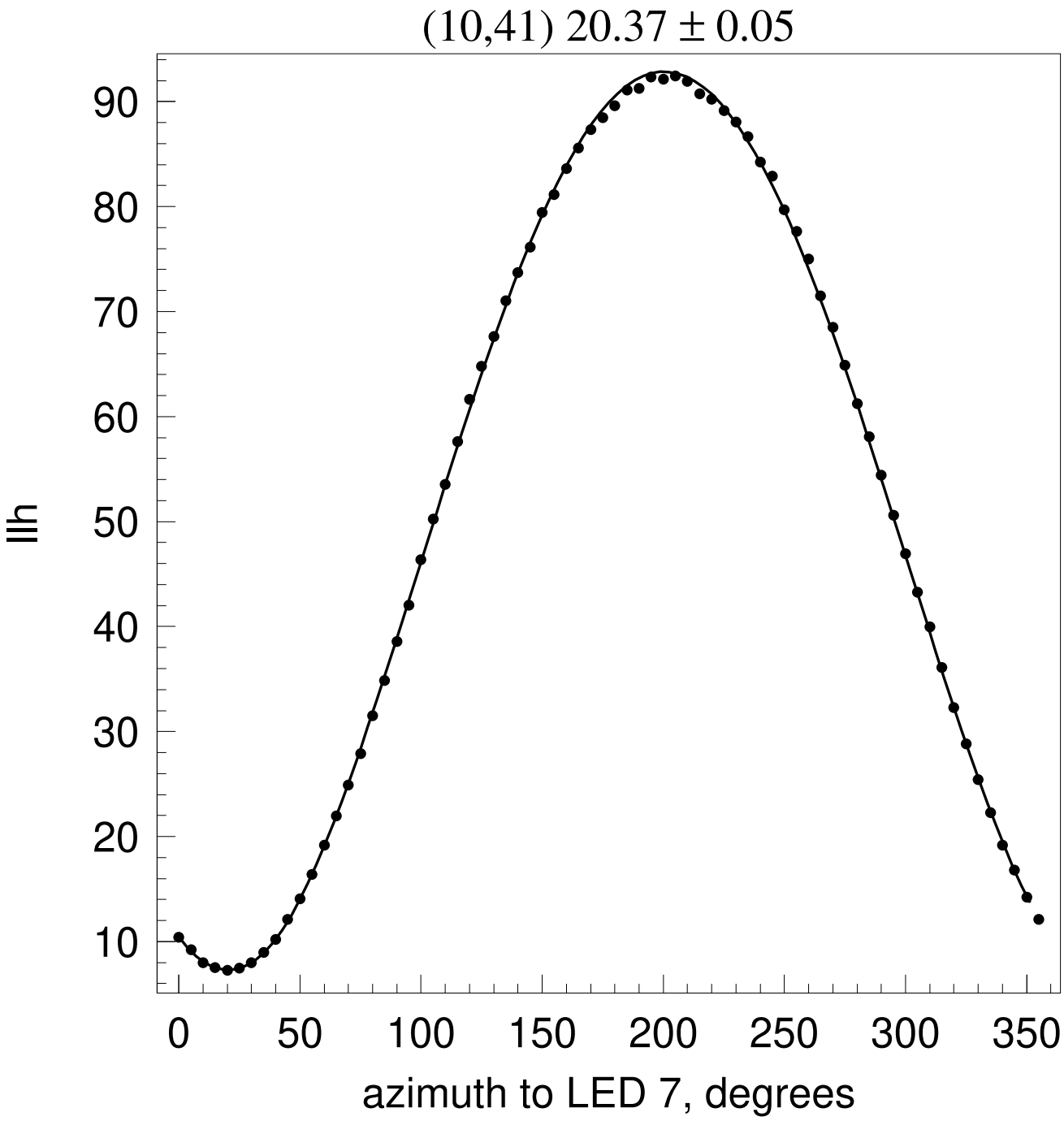

(10,36) 265.07 ± 21.47
9
8.8
8.6
8.4
8.2
8
7.8
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

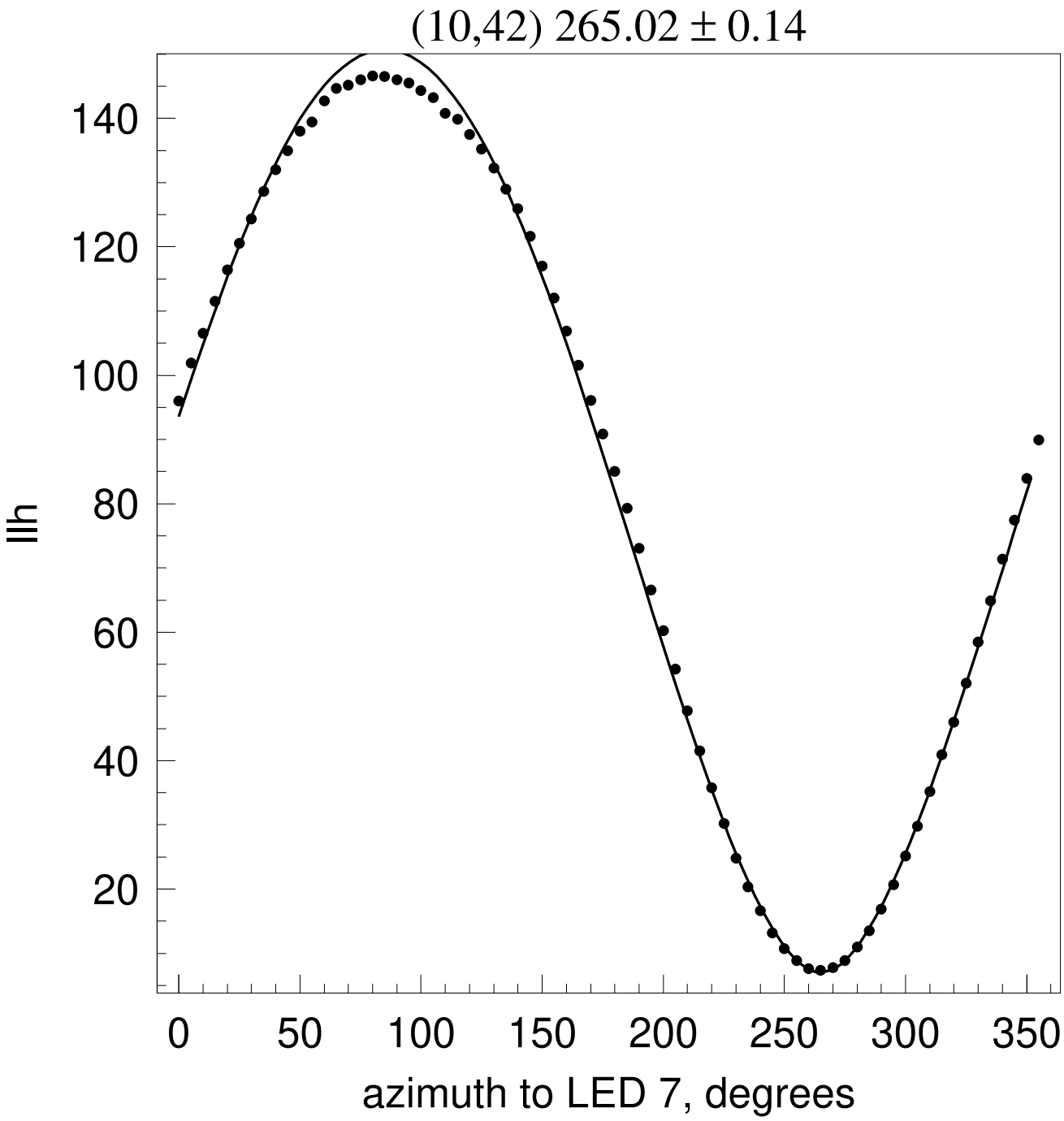

(10,37) 324.20 ± 2.36
8.6
8.4
8.2
8
7.8
7.6
7.4
7.2
7
6.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

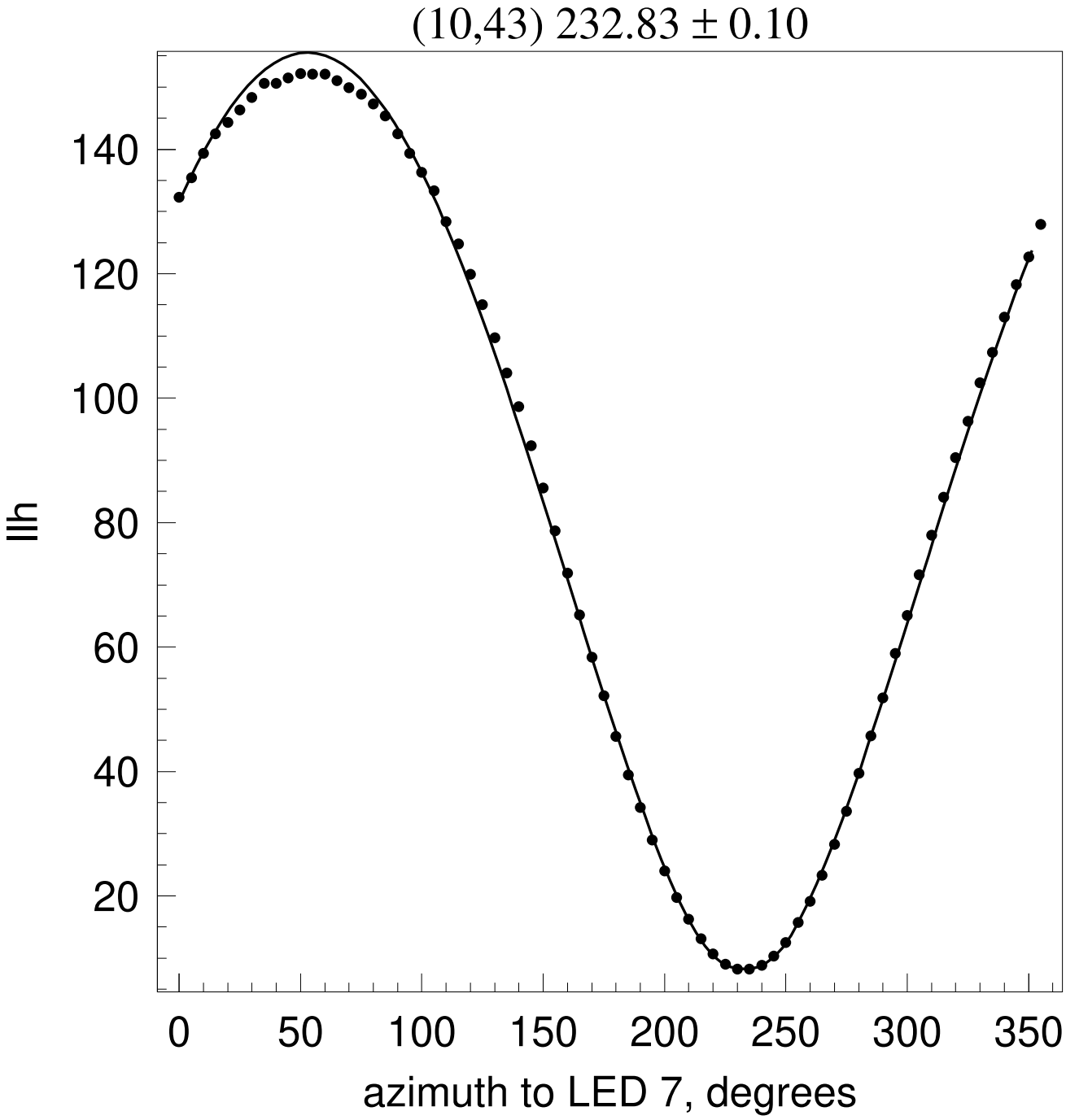

(10,38) 272.23 ± 0.24
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

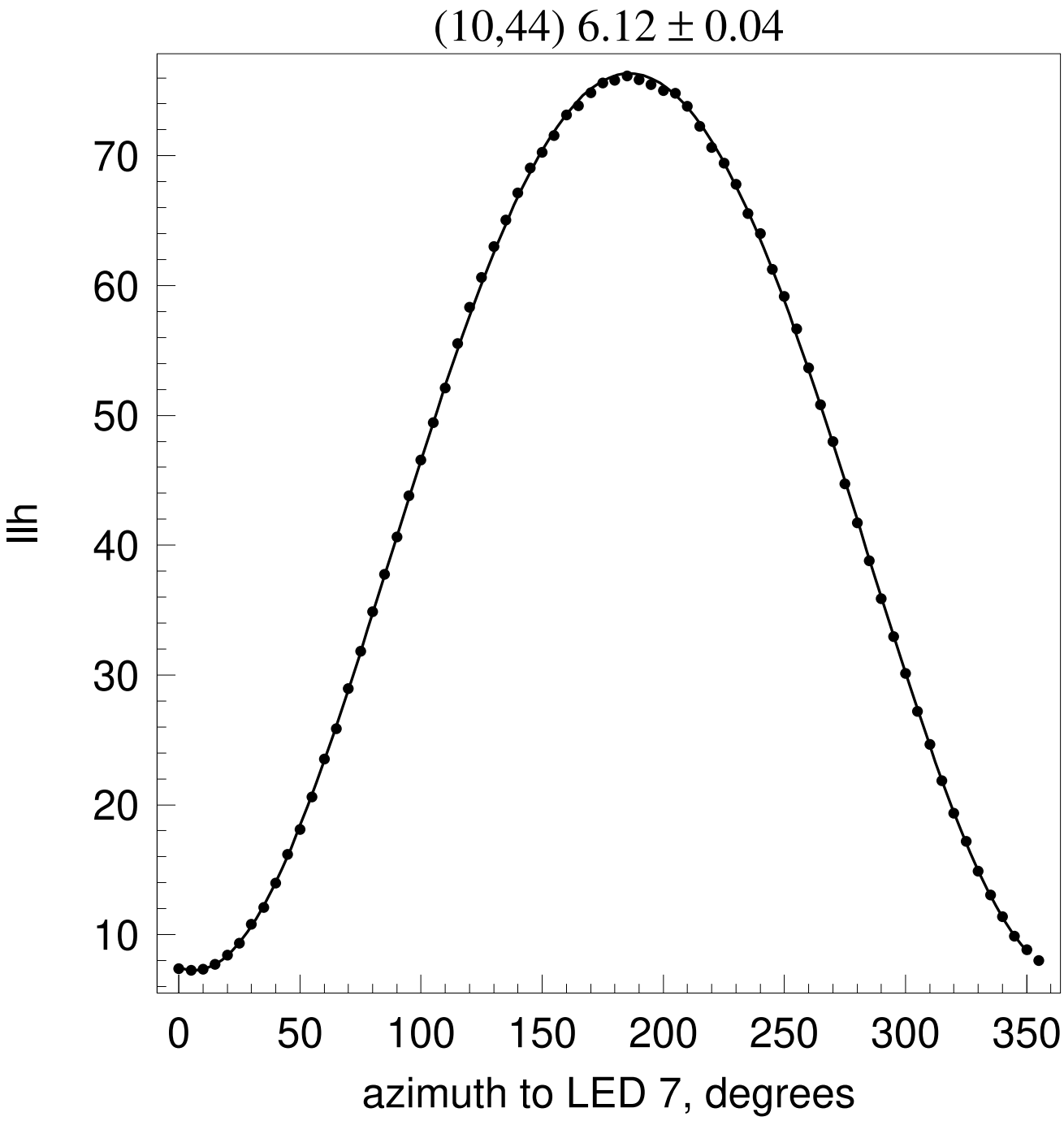

(10,39) 266.39 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

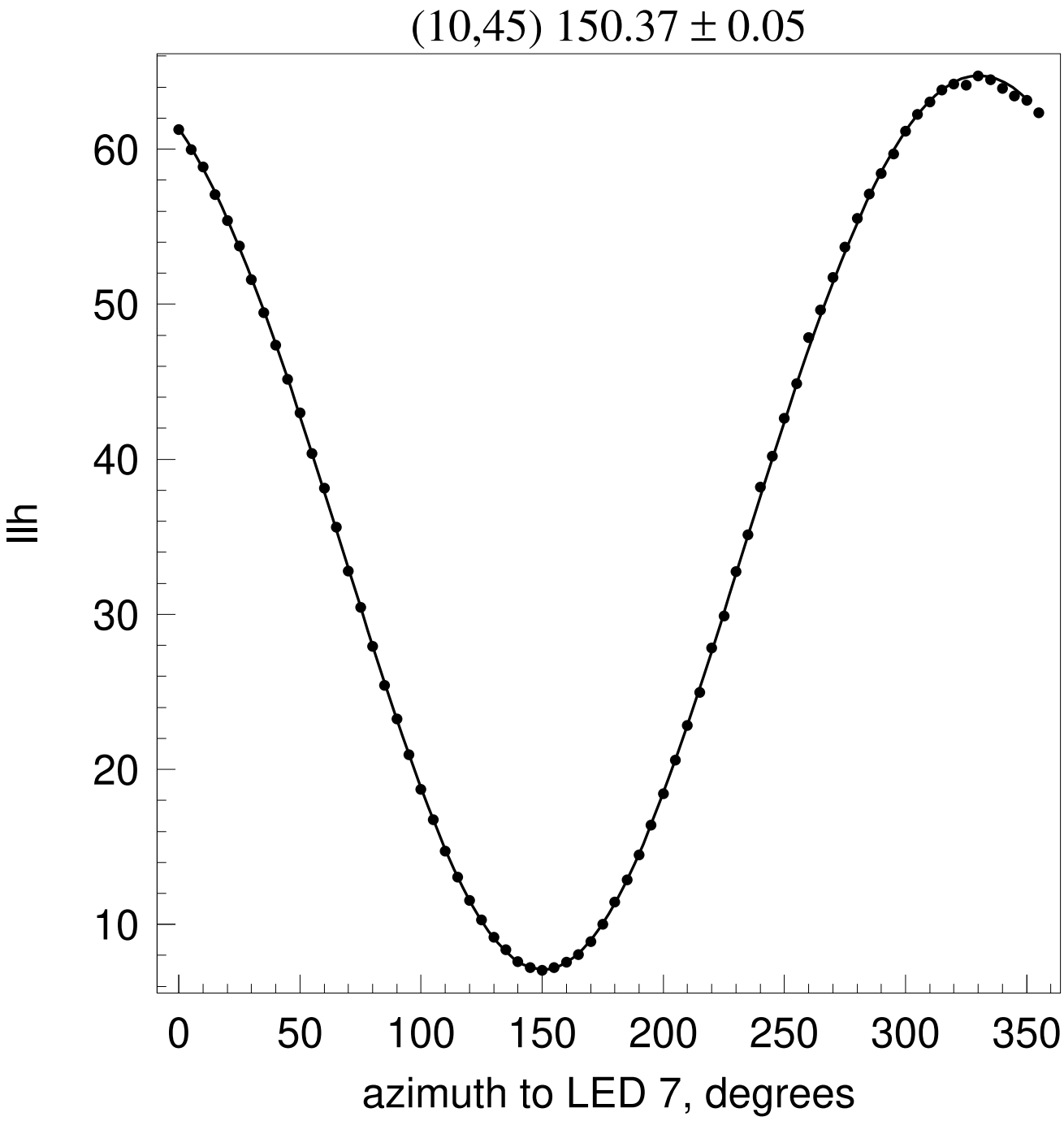

(10,40) 181.77 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

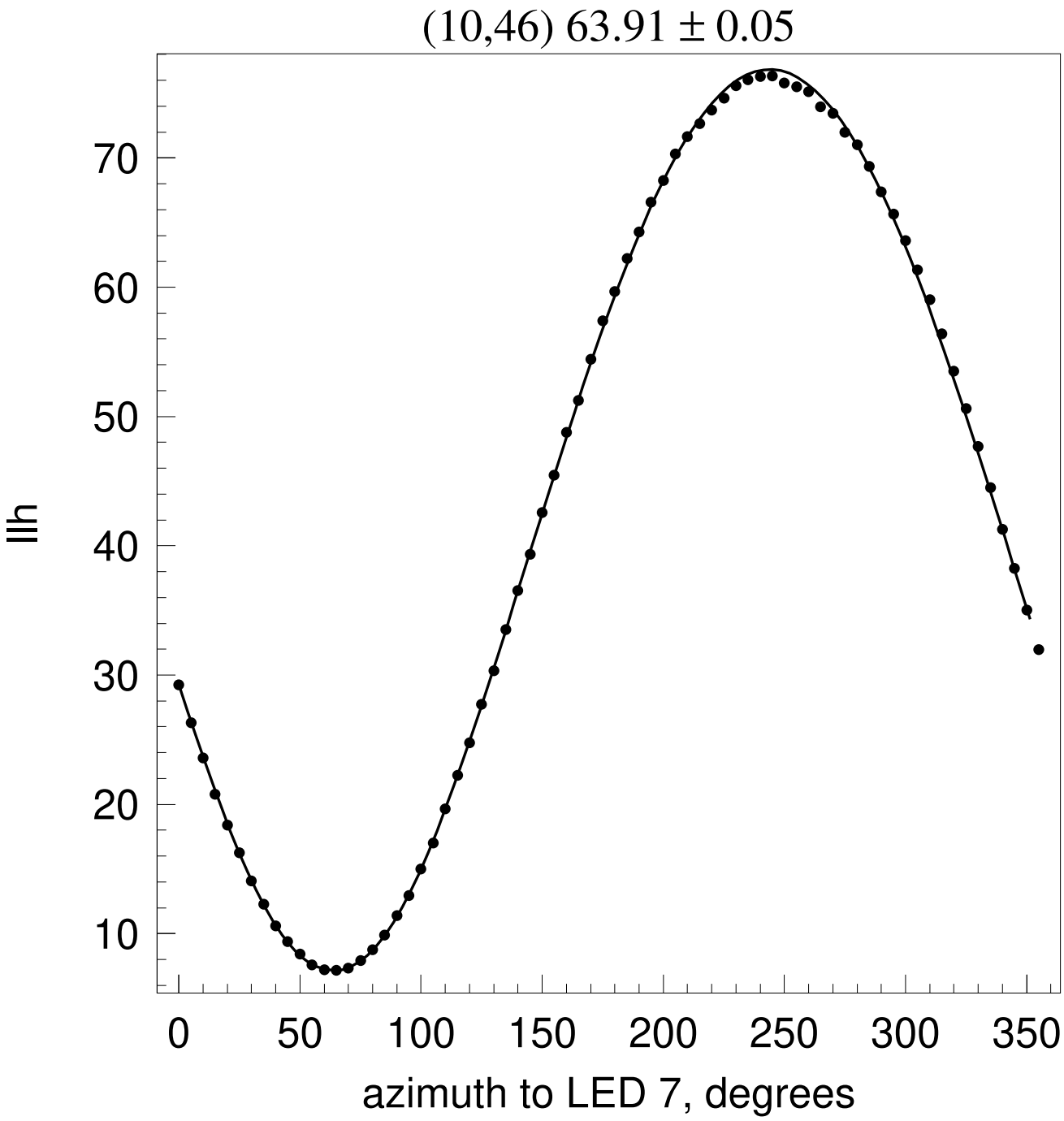

(10,41) 20.37 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

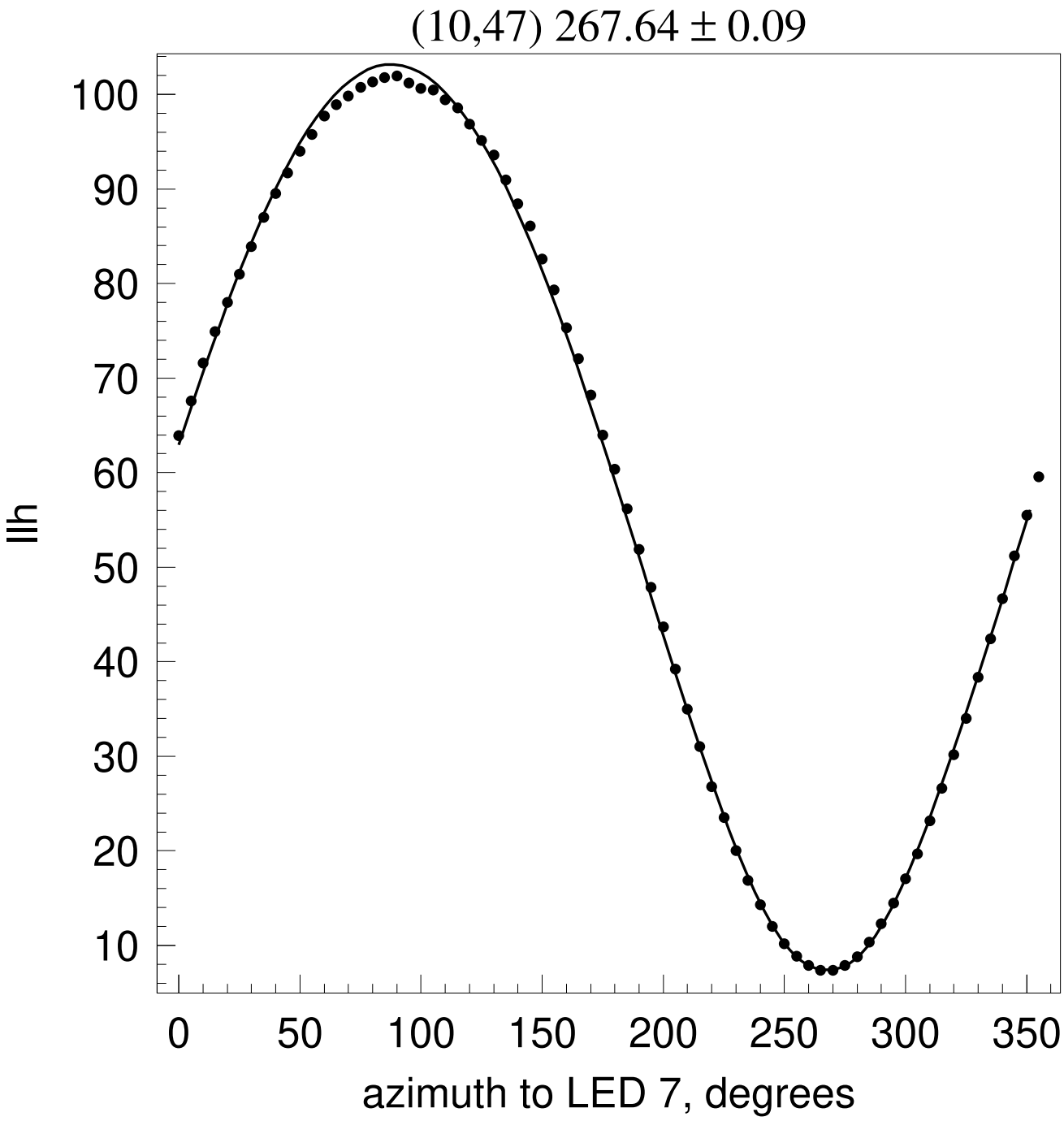

(10,42) 265.02 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

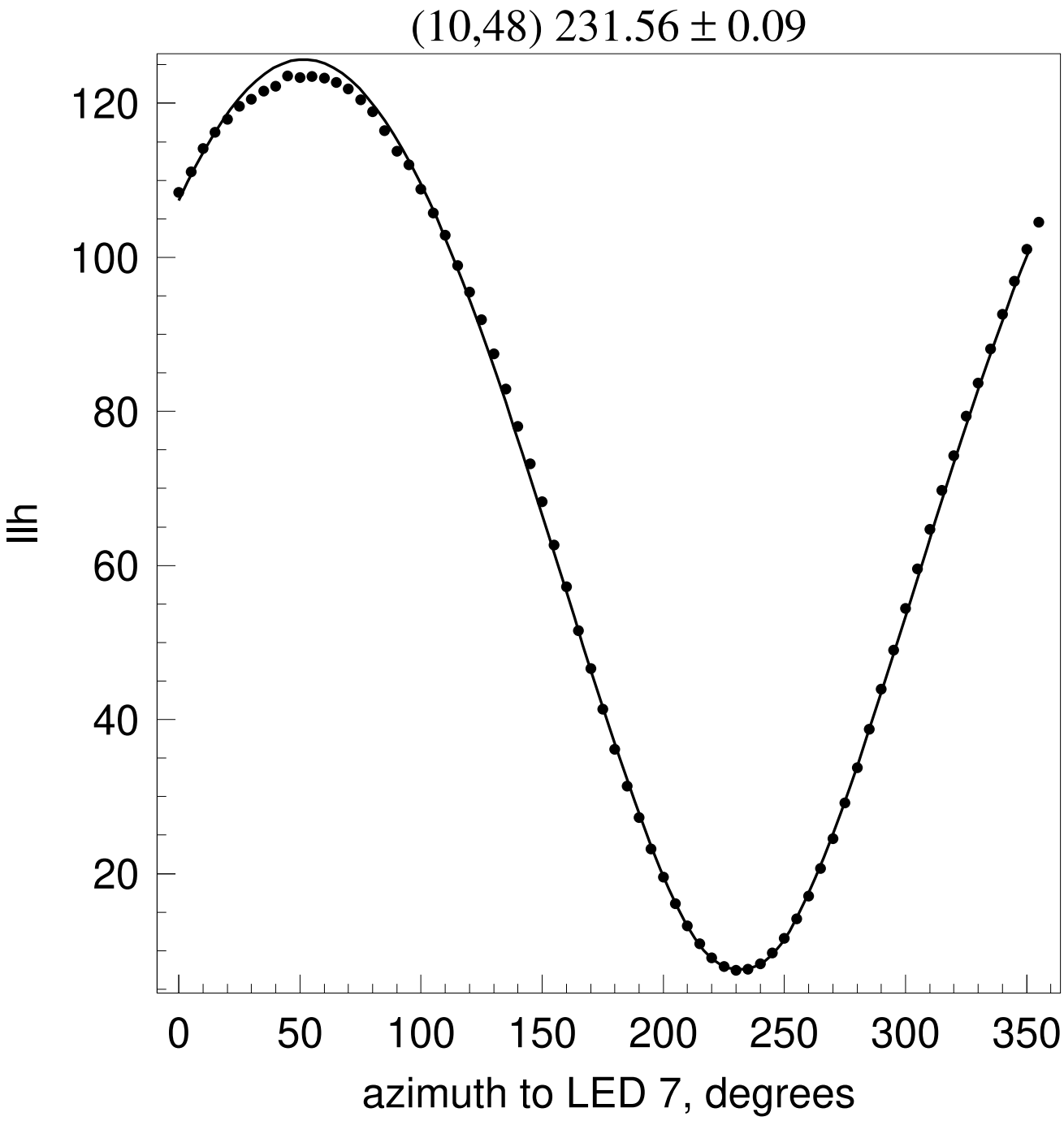

(10,43) 232.83 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

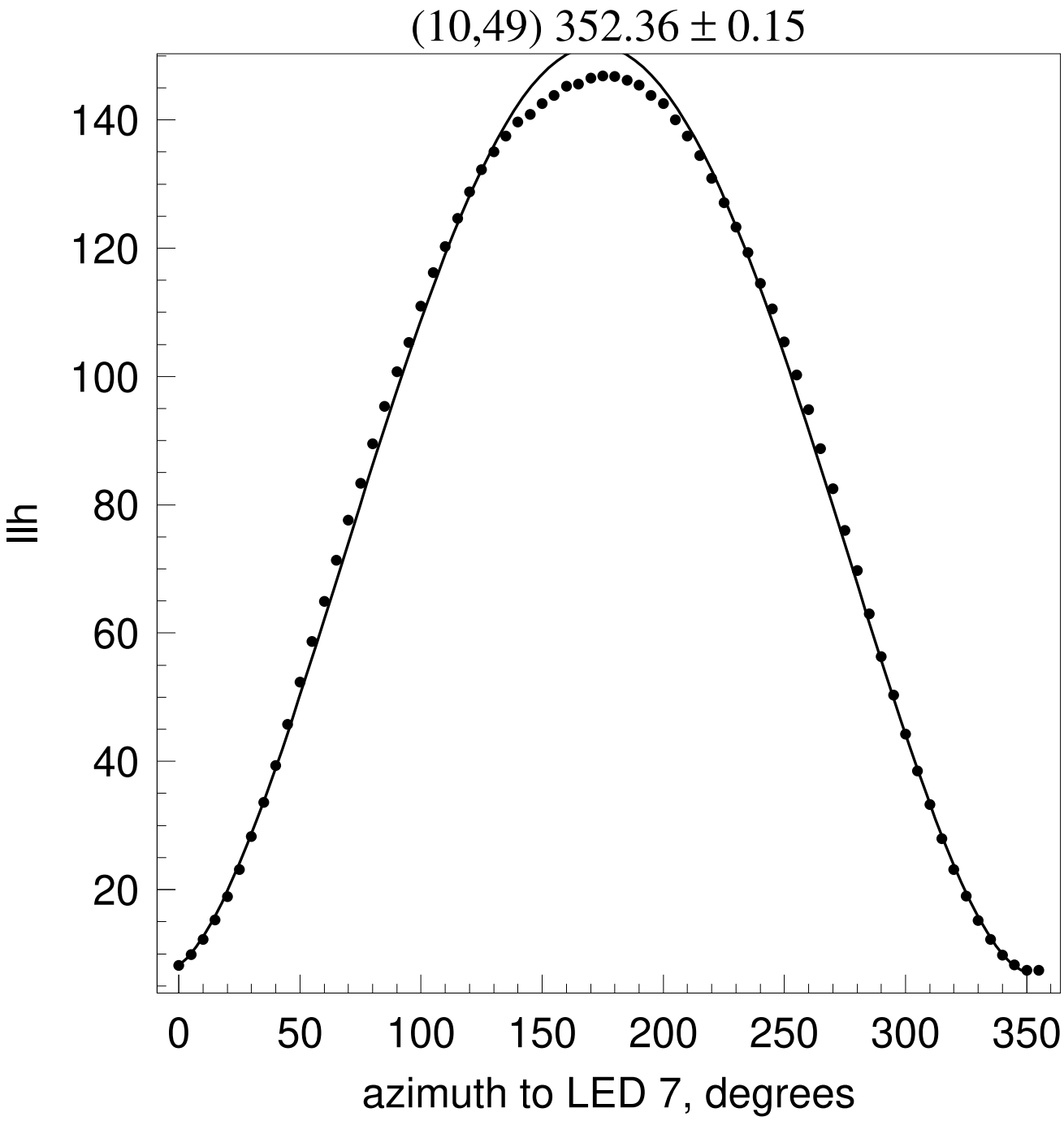

(10,44) 6.12 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

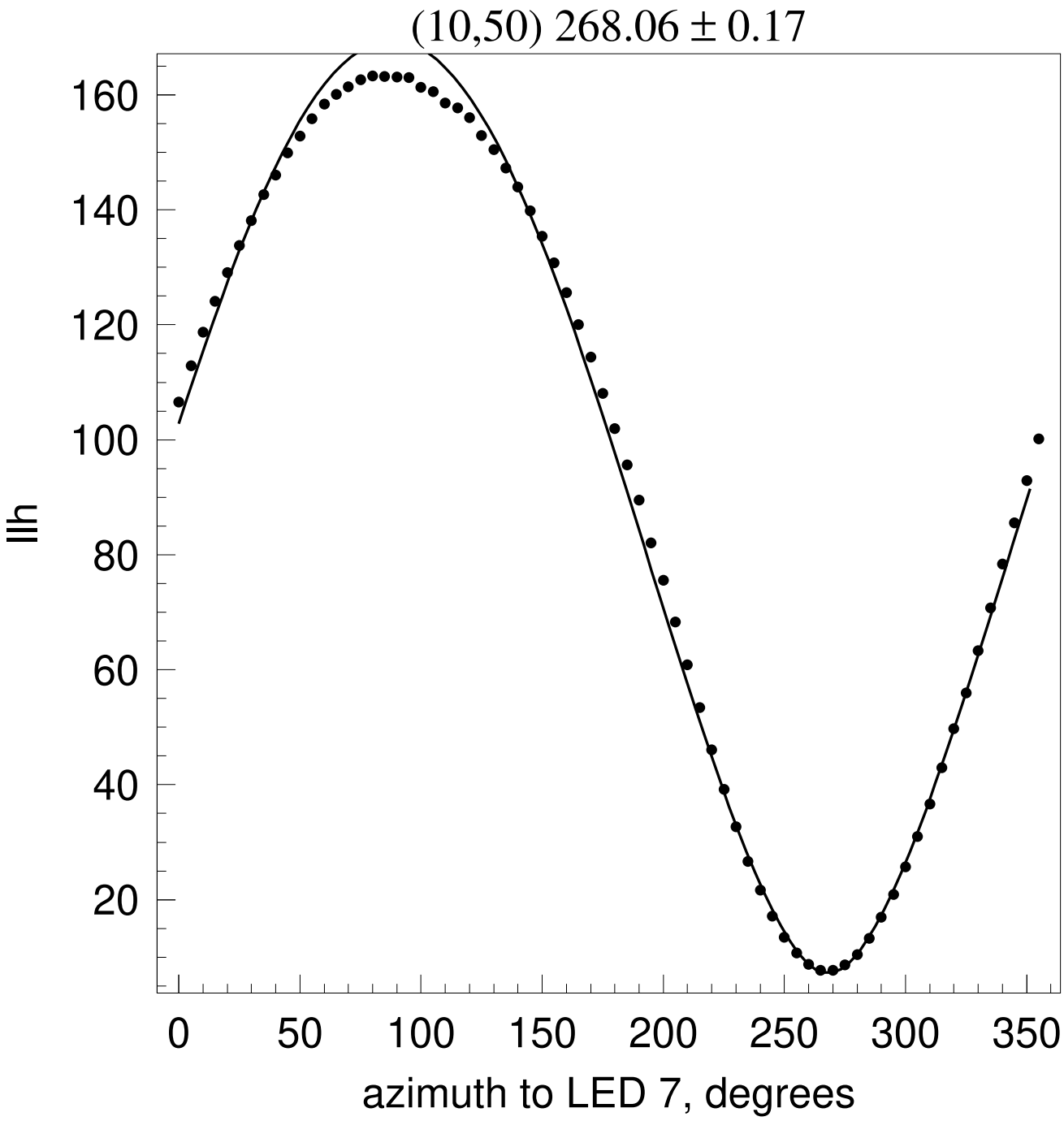

(10,45) 150.37 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

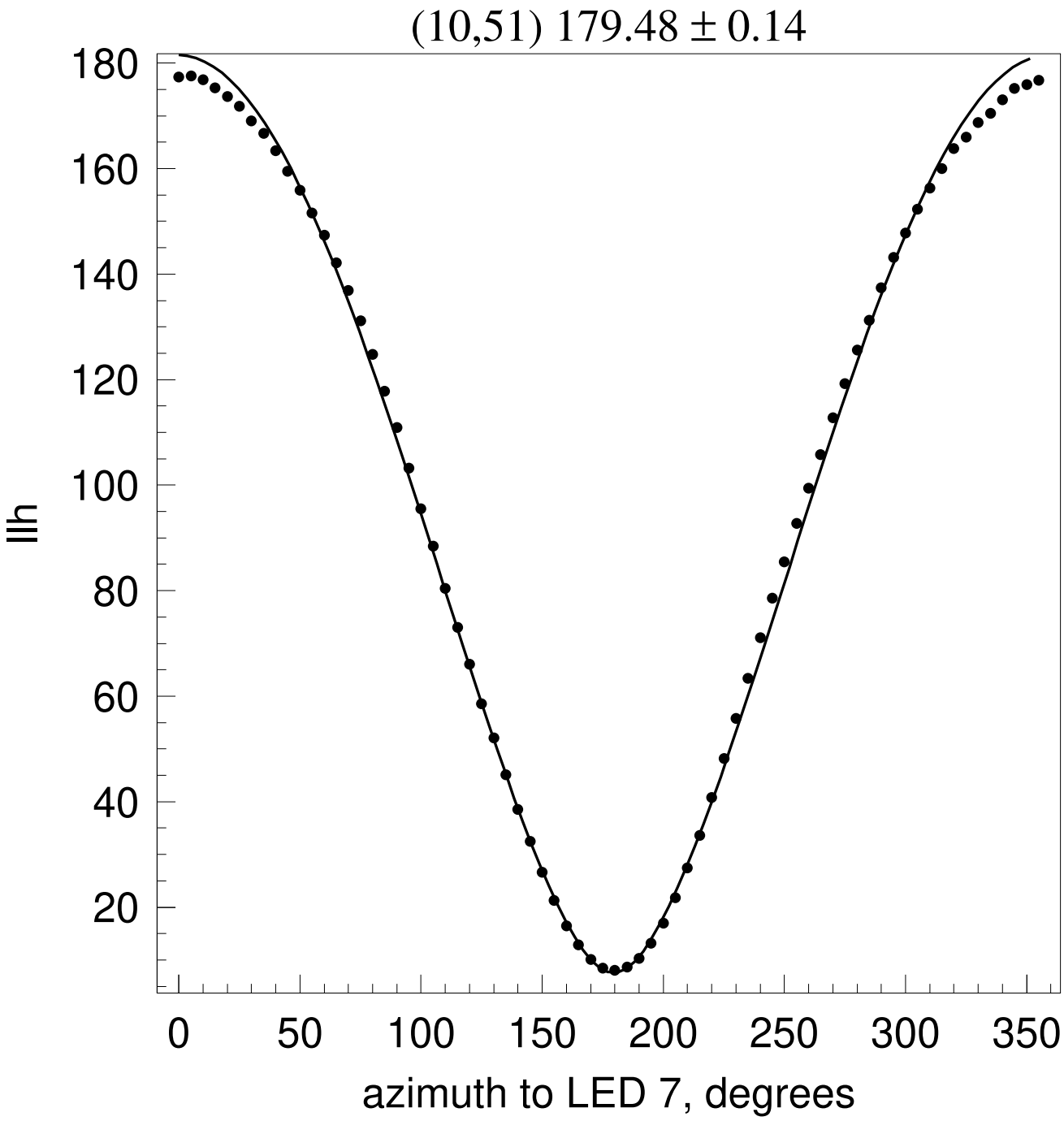

(10,46) 63.91 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

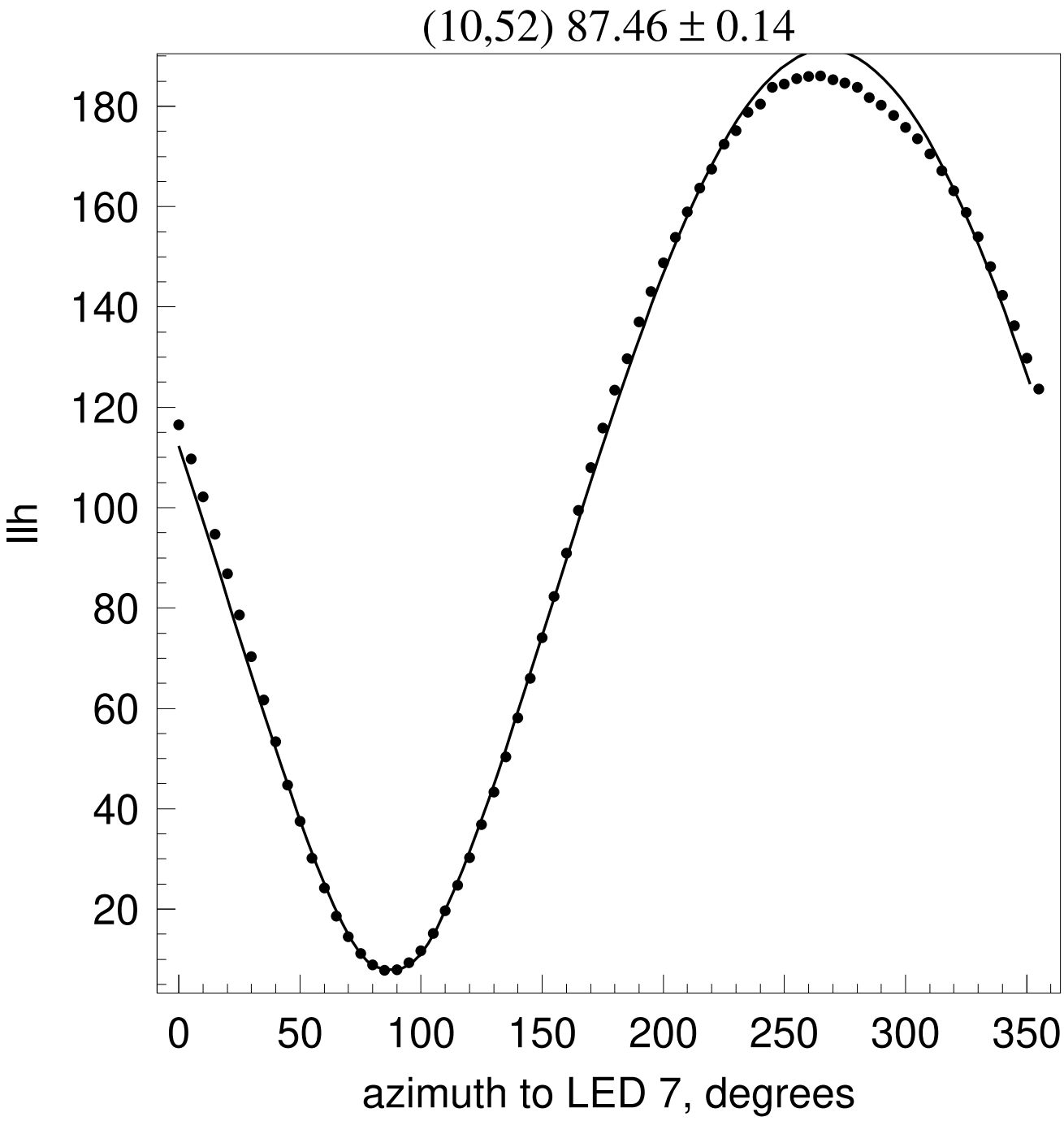

(10,47) 267.64 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

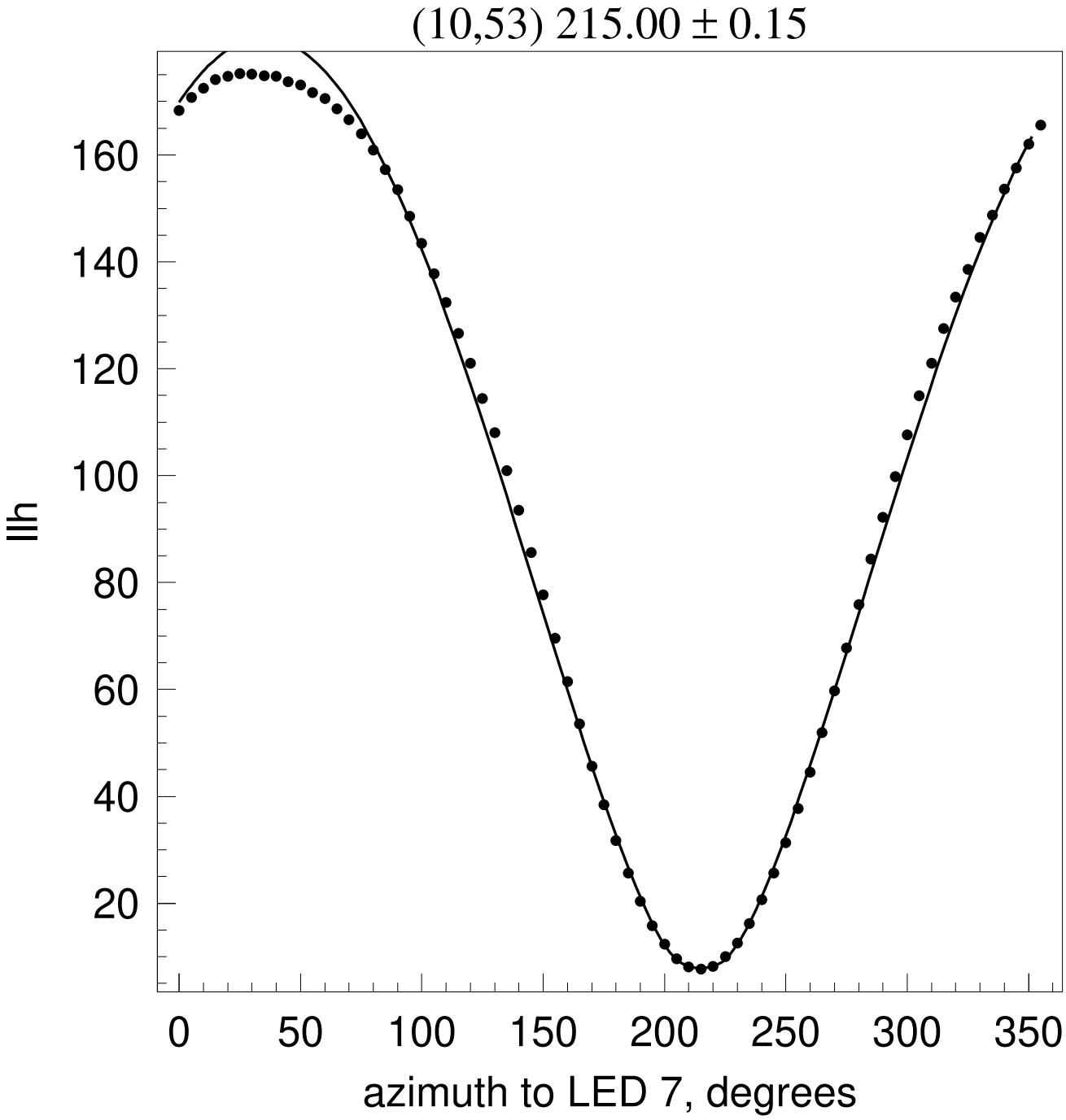

(10,48) 231.56 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

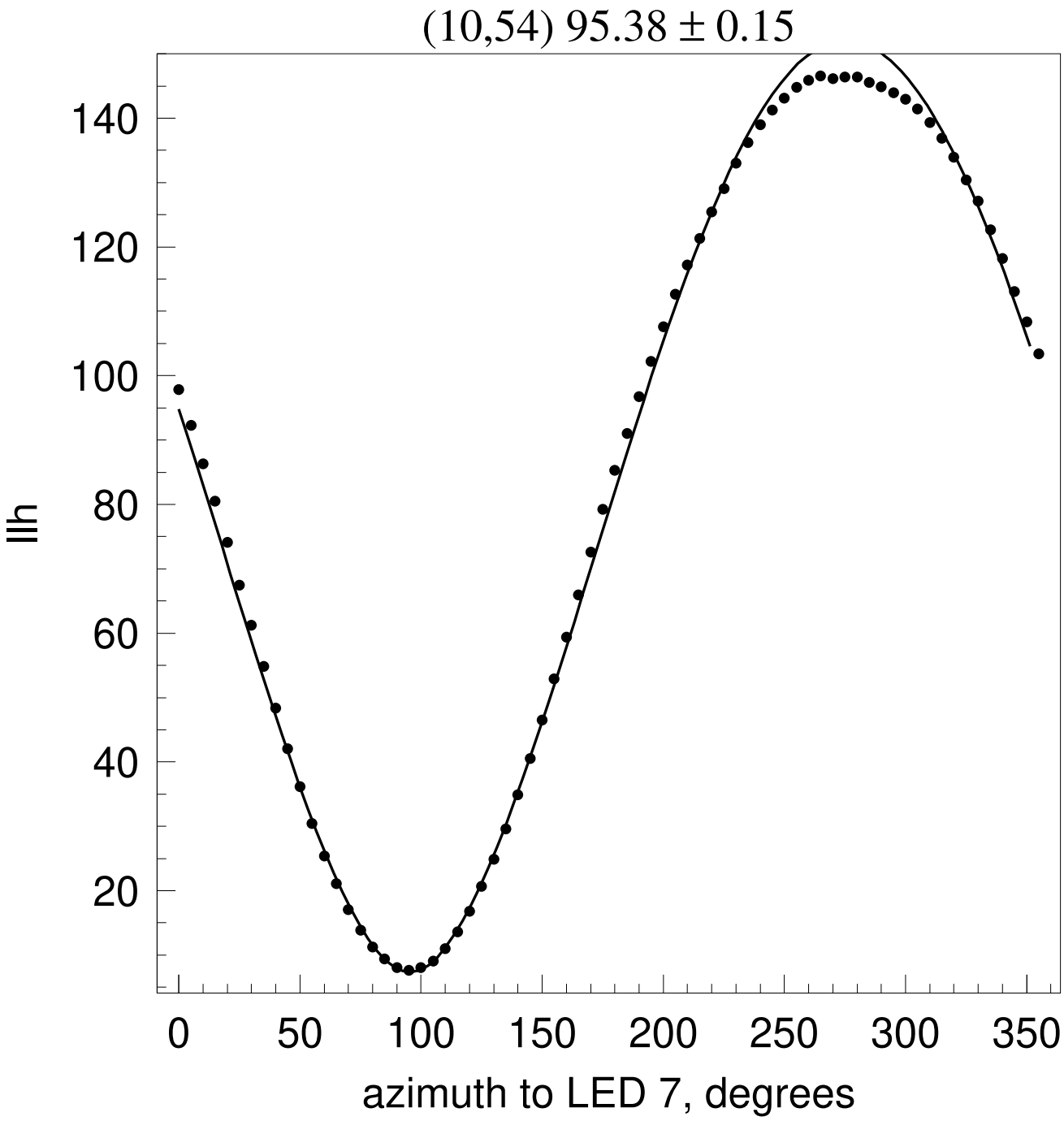

(10,49) 352.36 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

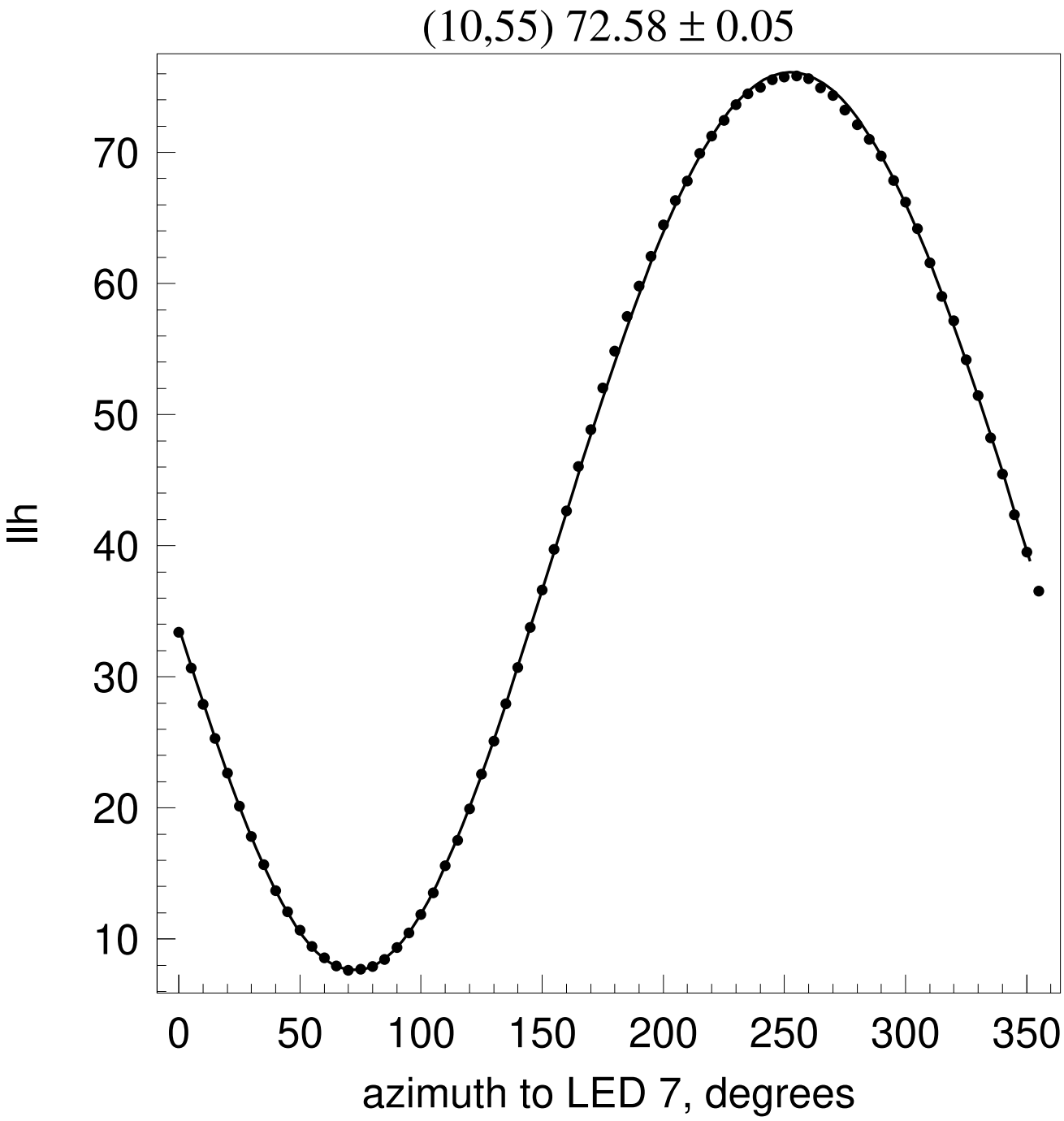

(10,50) 268.06 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

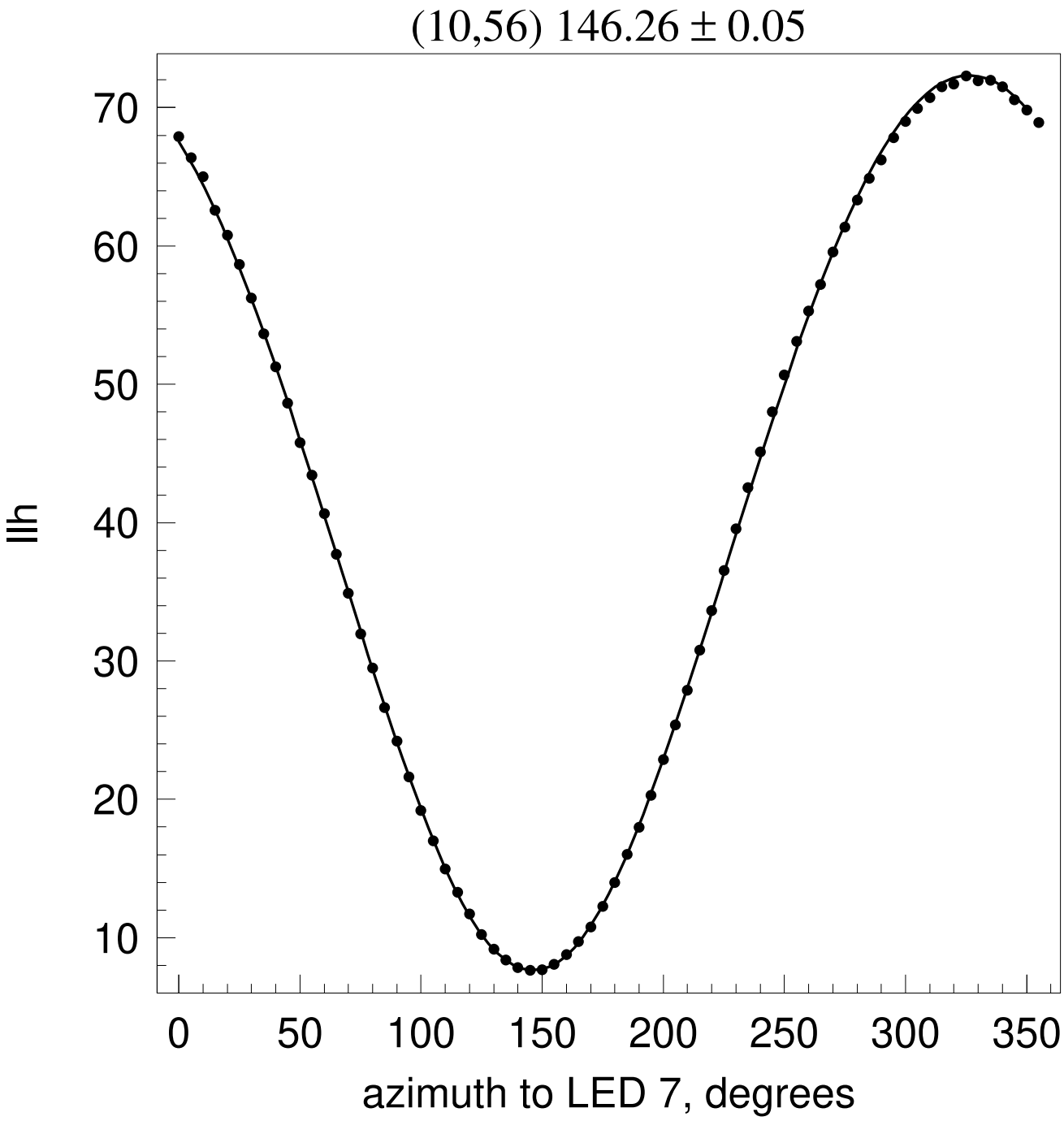

(10,51) 179.48 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

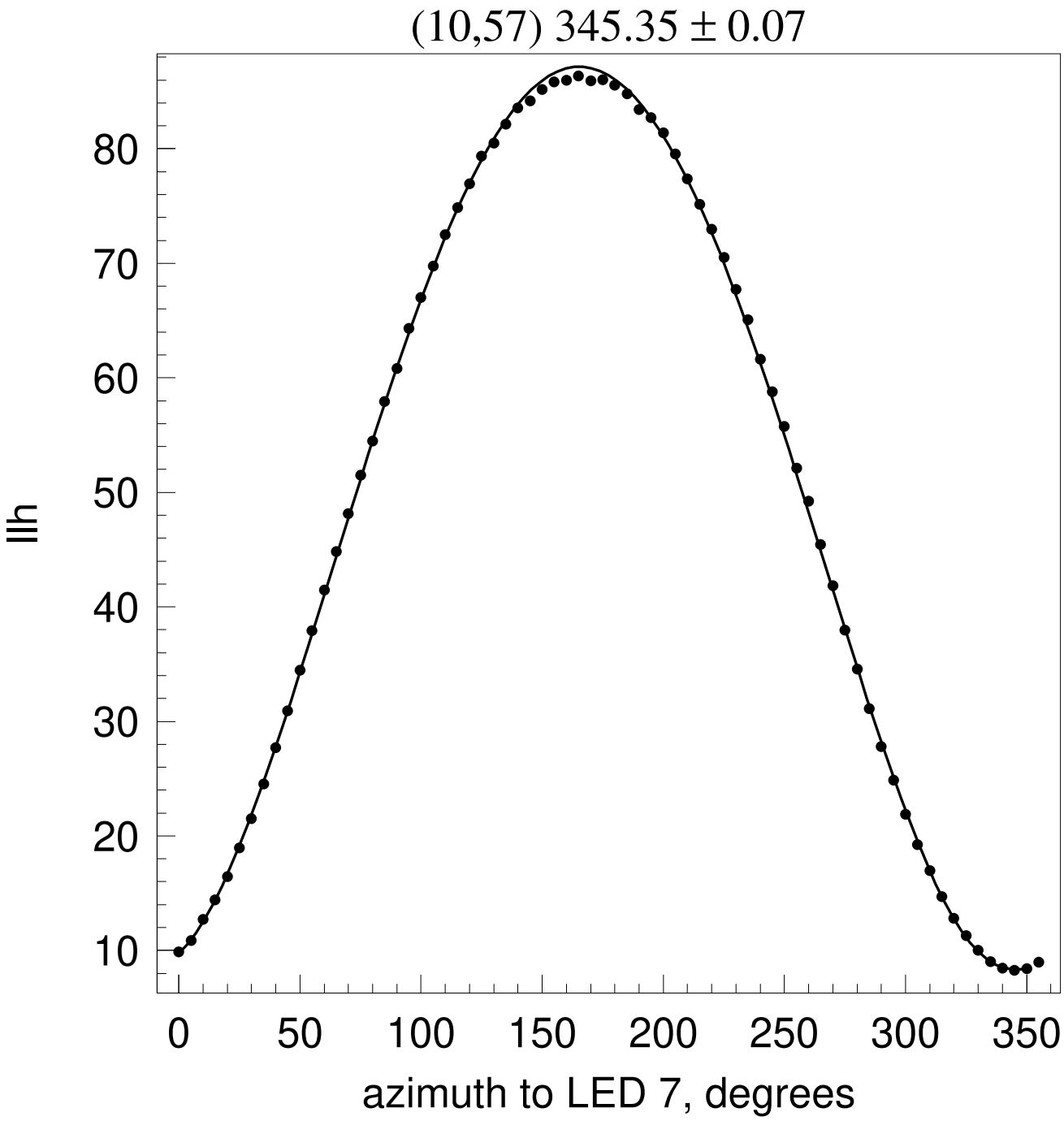

(10,52) 87.46 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

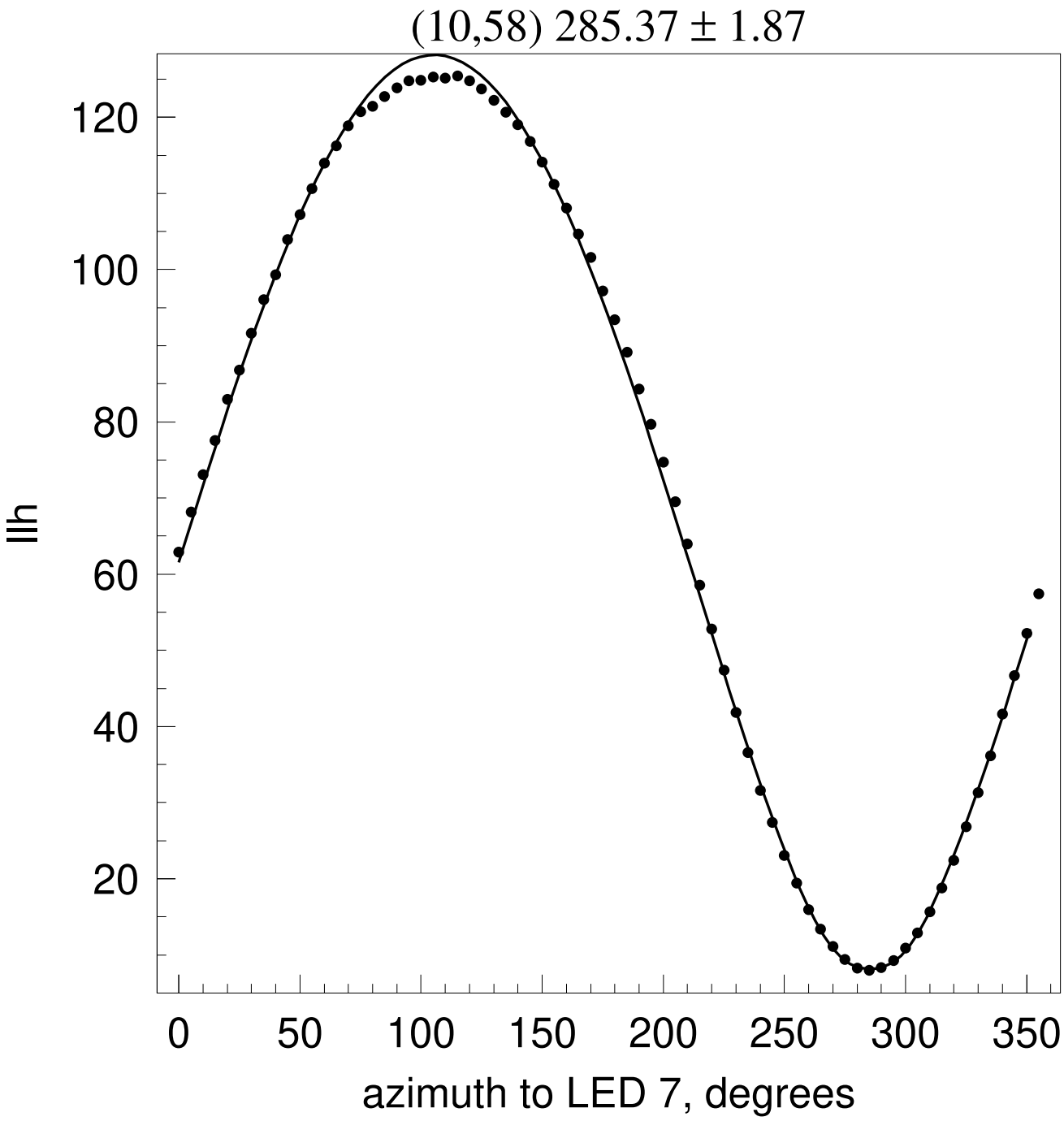

(10,53) 215.00 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

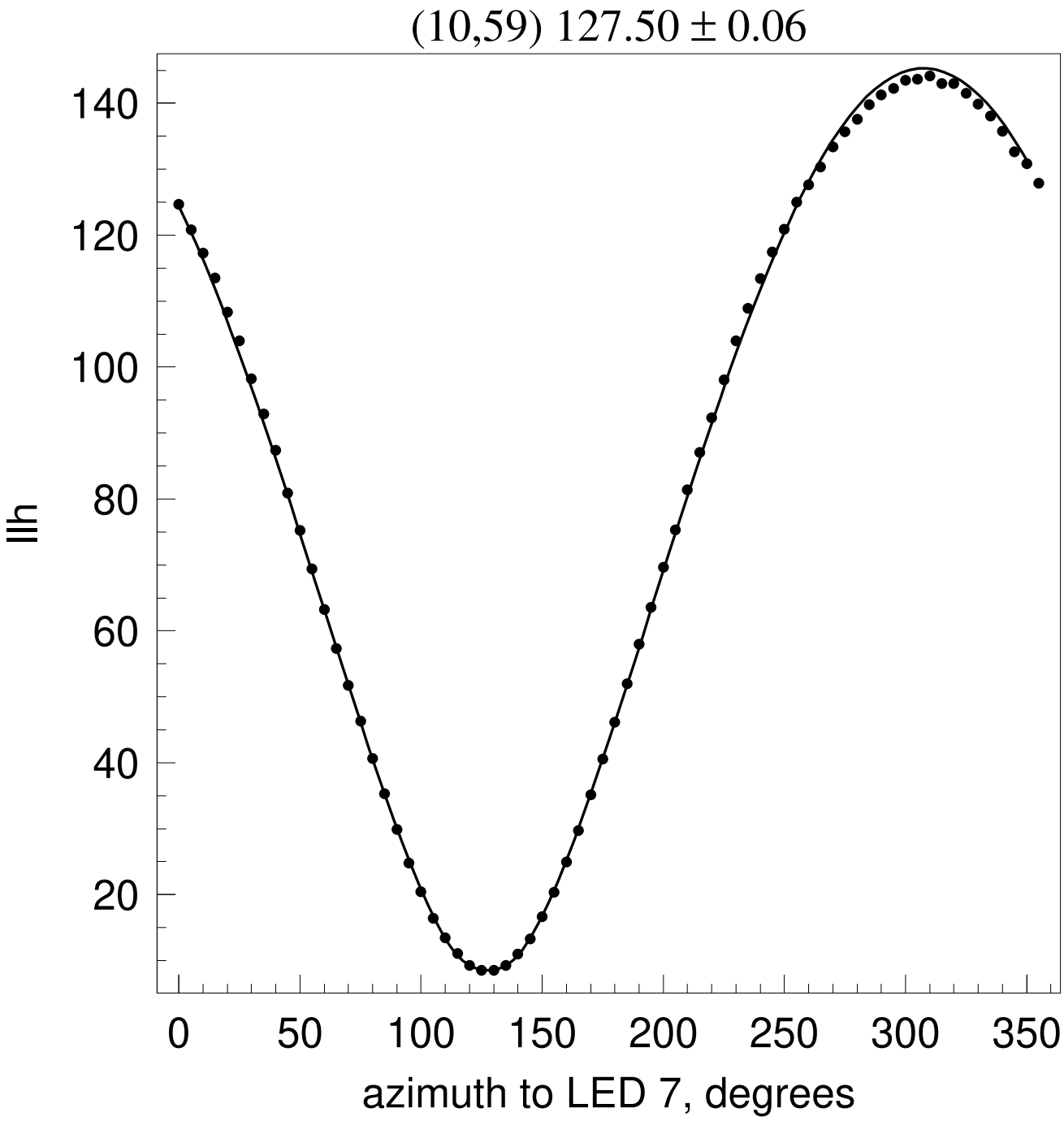

(10,54) 95.38 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

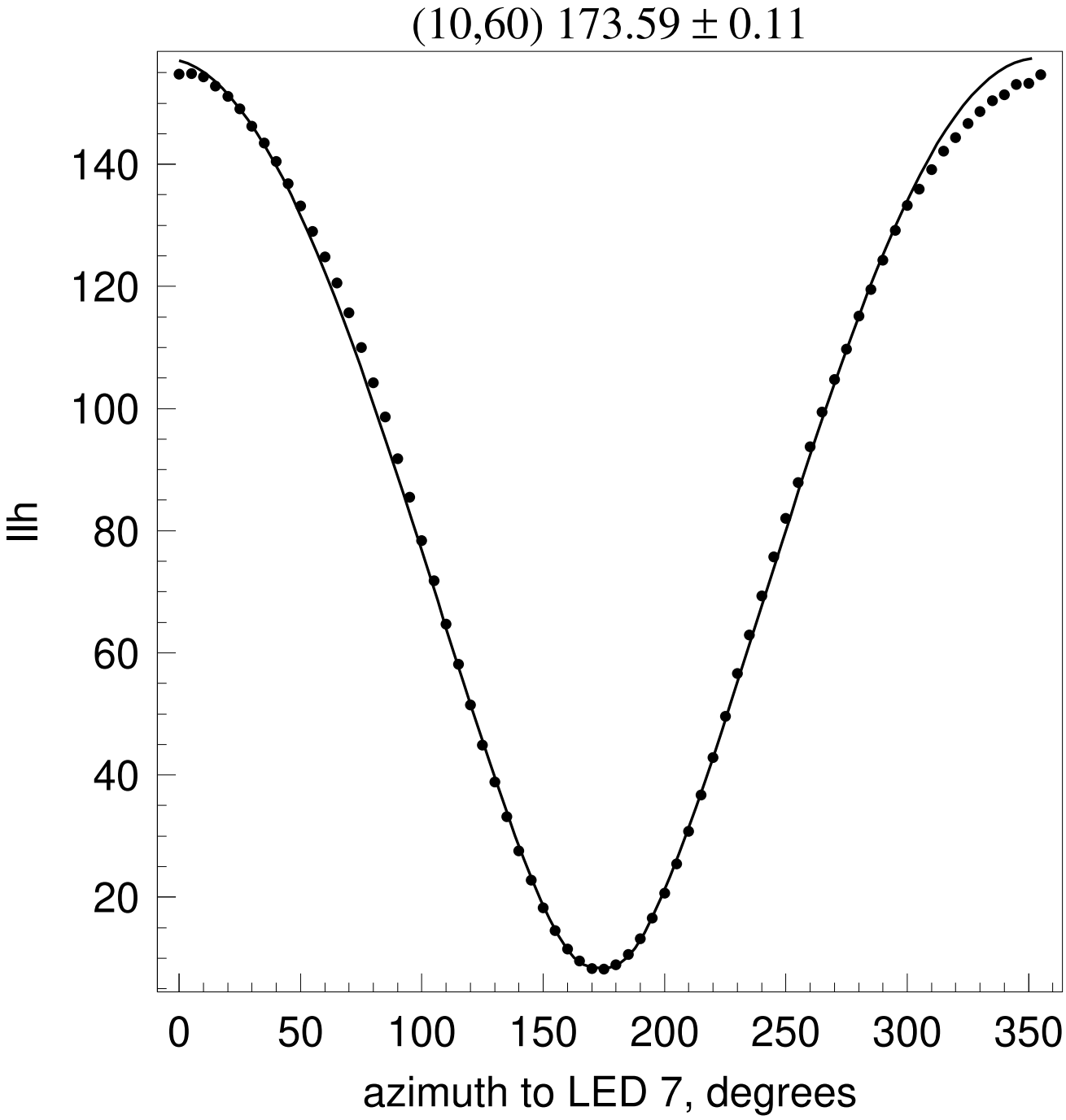

(10,55) 72.58 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

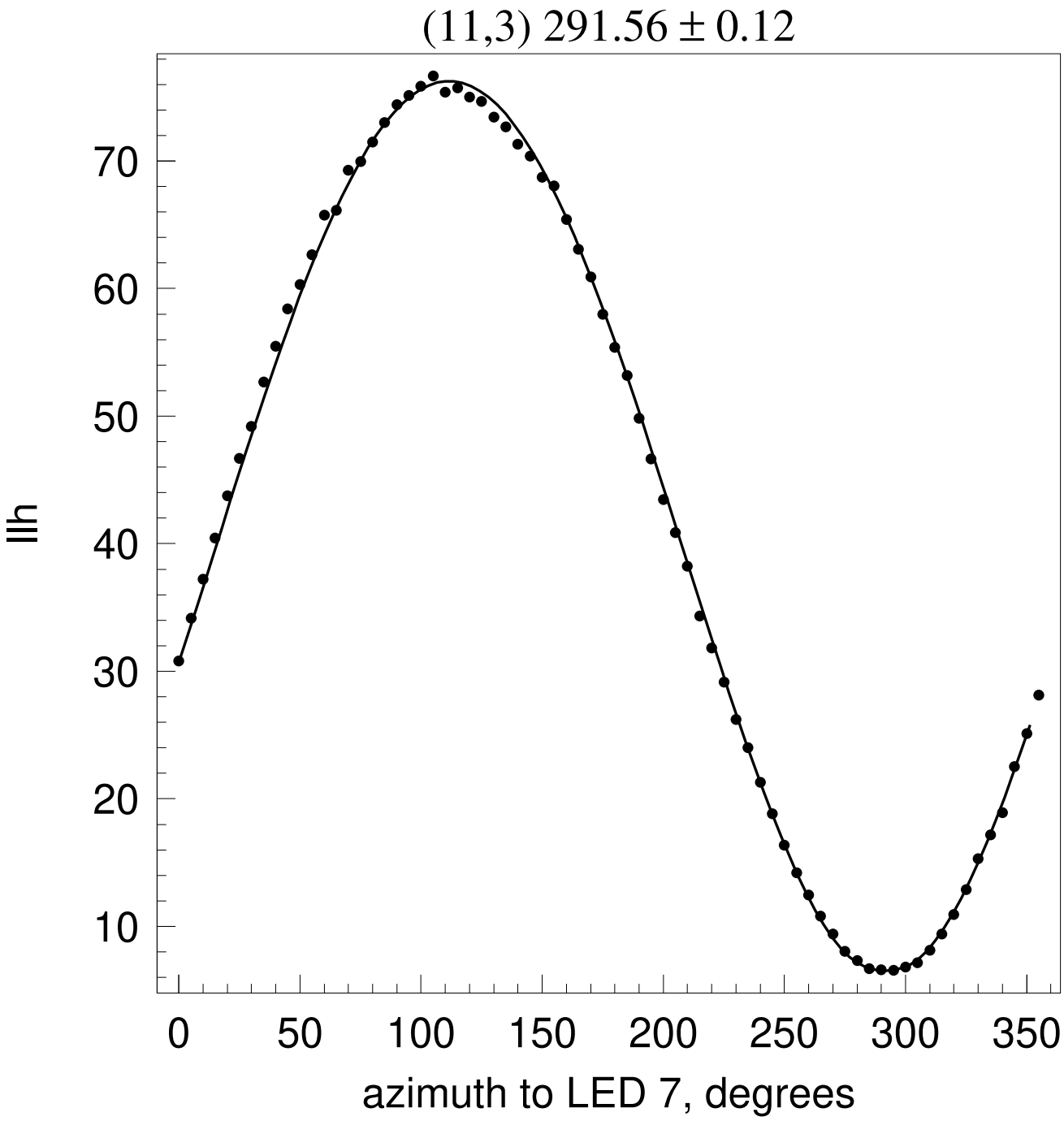

(10,56) 146.26 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

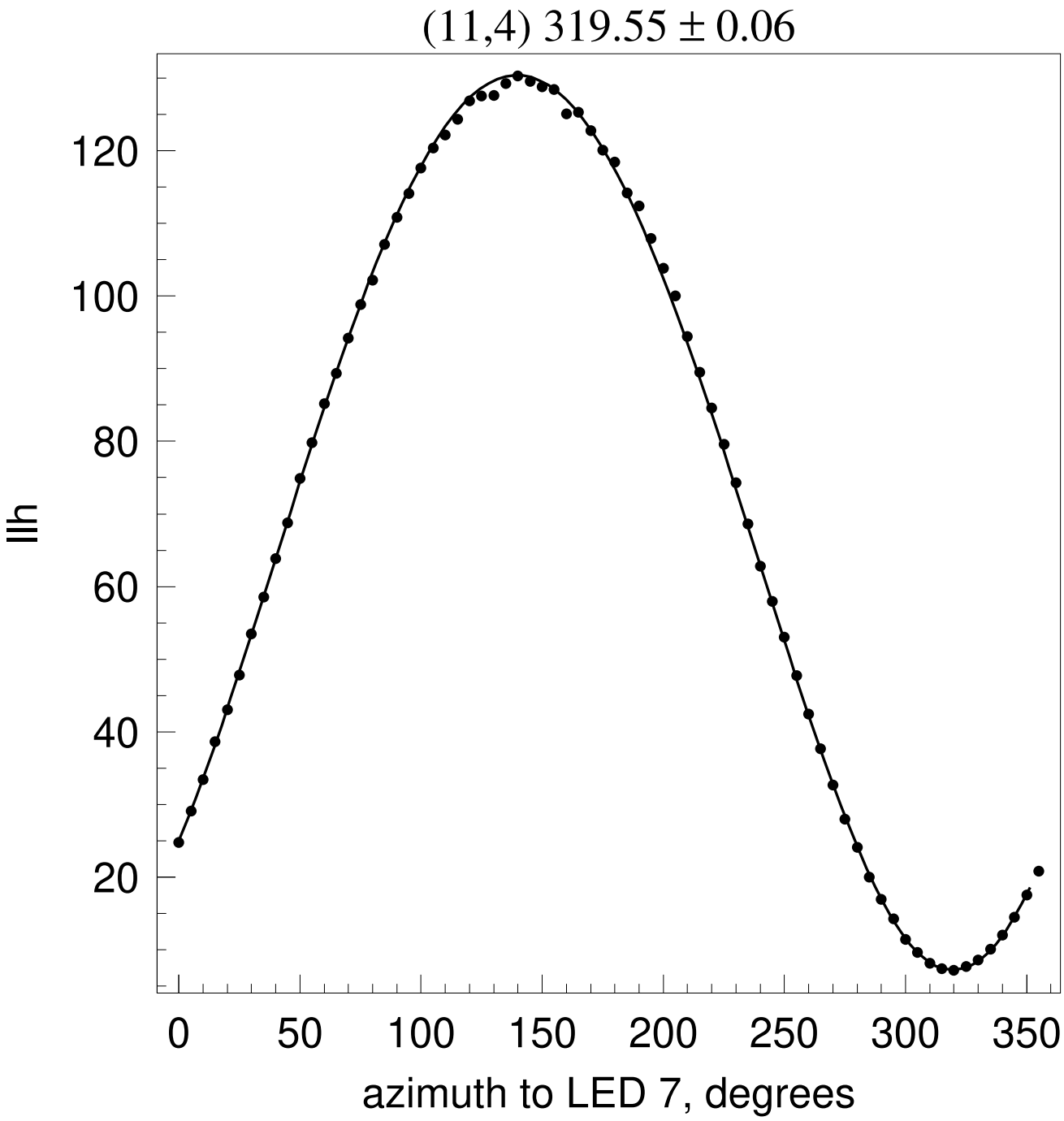

(10,57) 345.35 ± 0.07
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

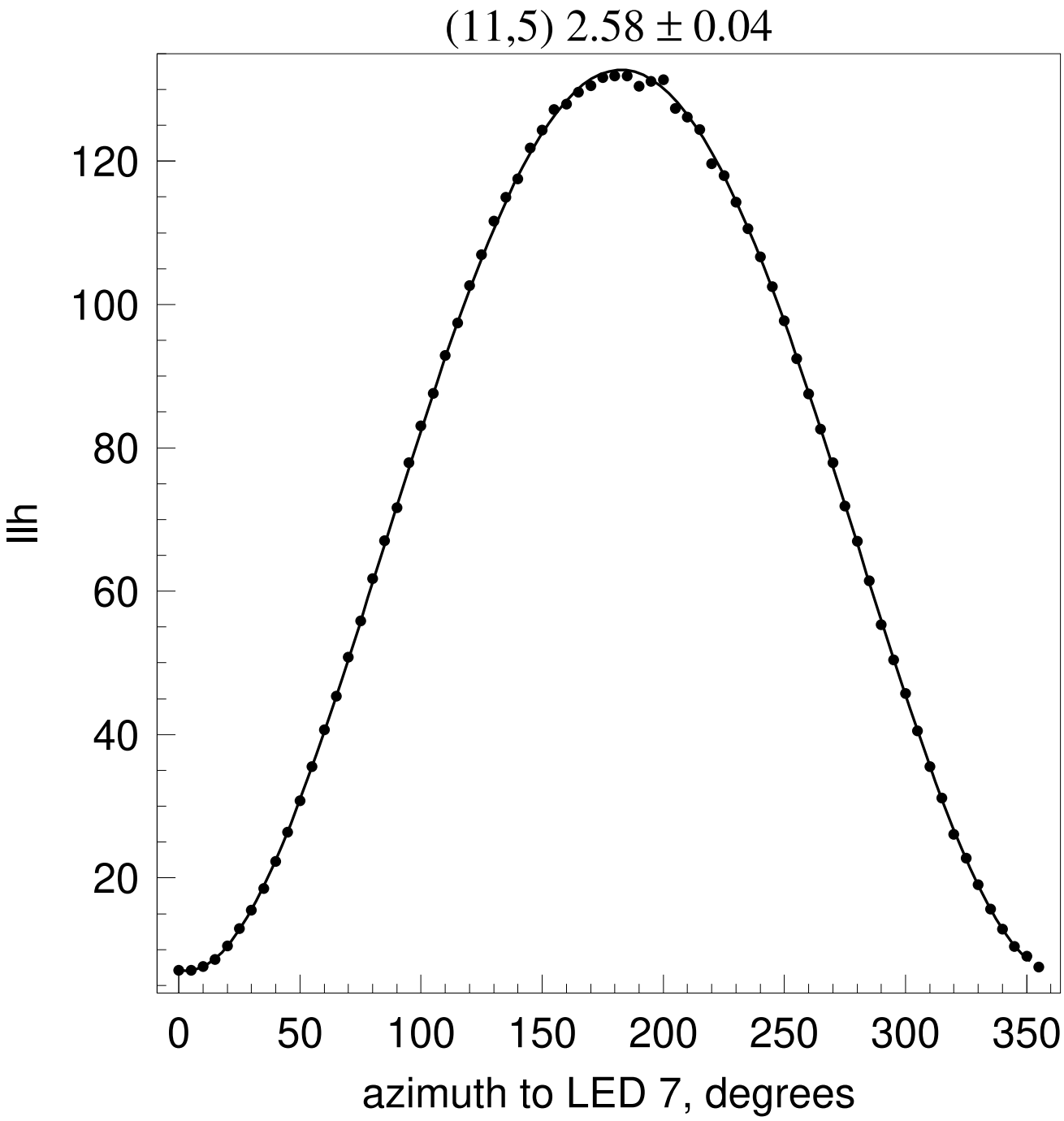

(10,58) 285.37 ± 1.87
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

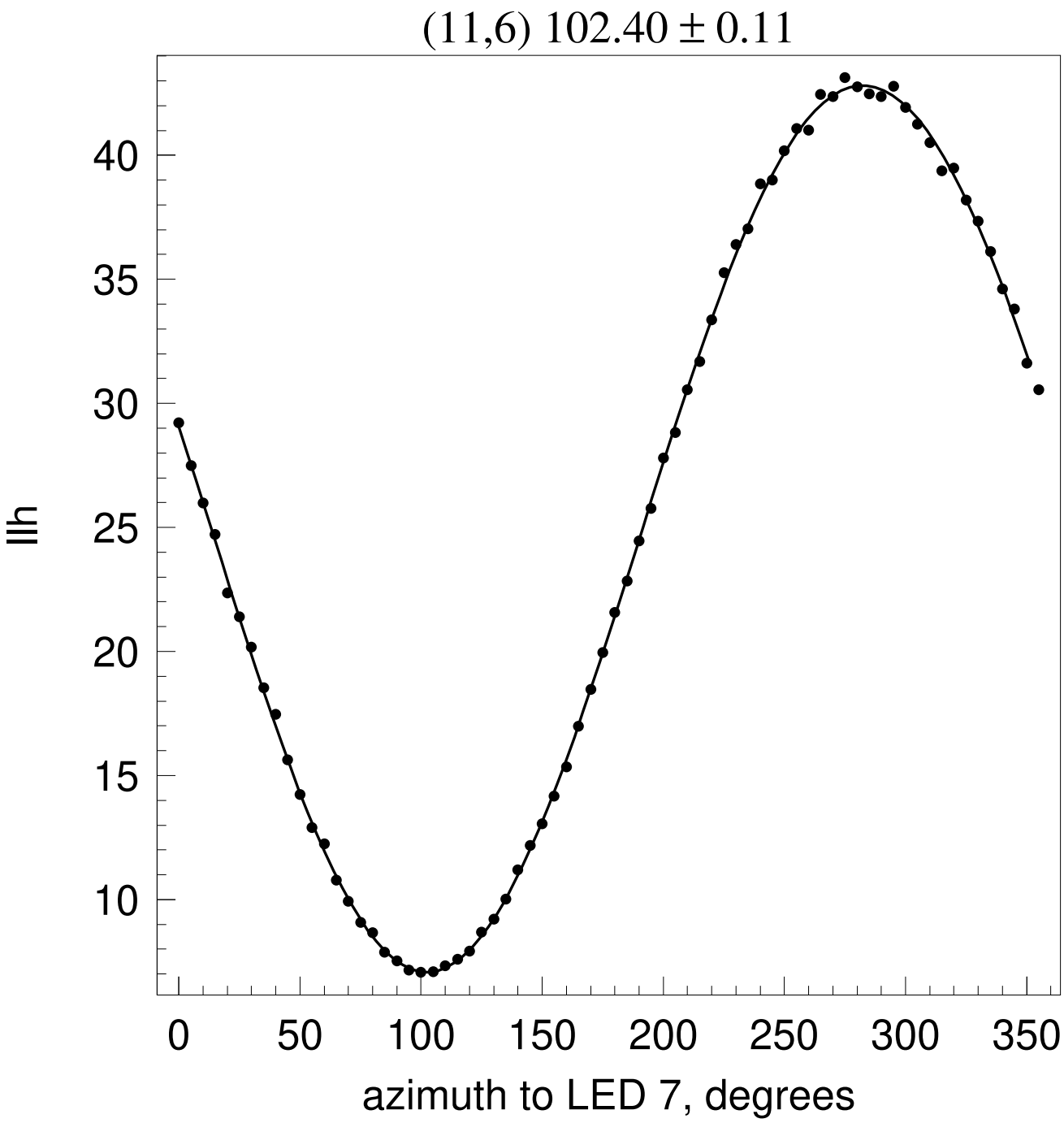

(10,59) 127.50 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

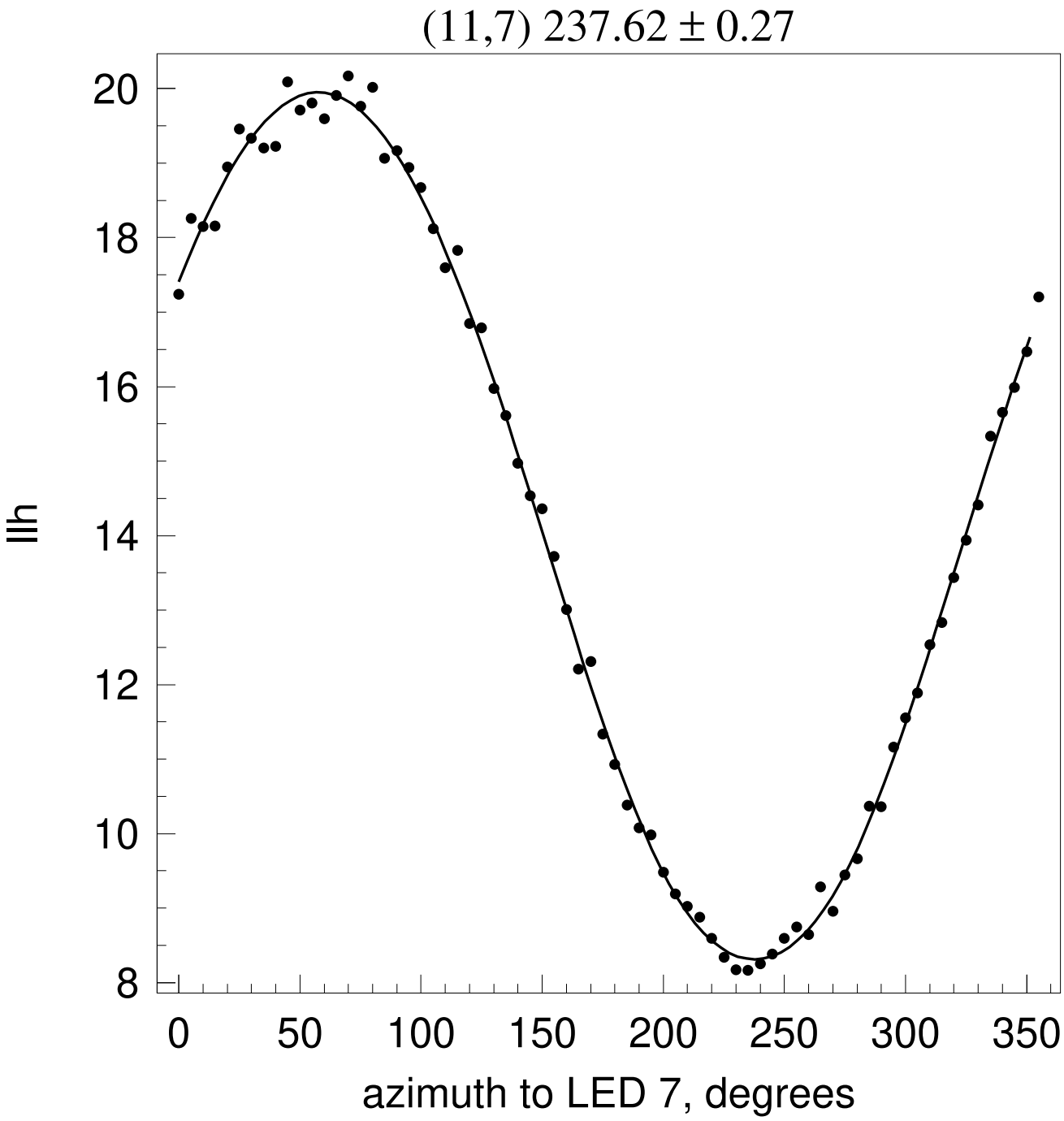

(10,60) 173.59 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

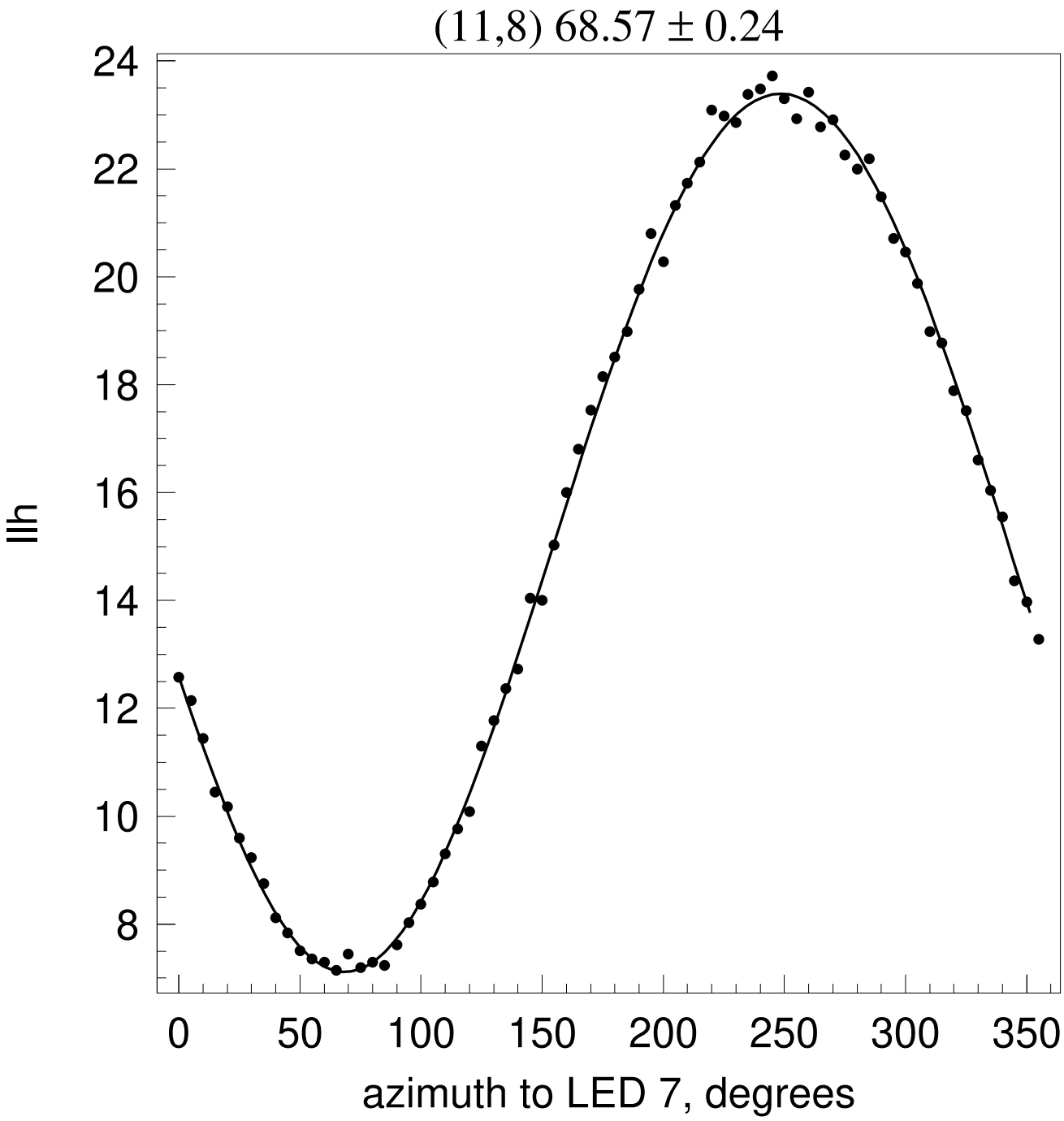

(11,3) 291.56 ± 0.12
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

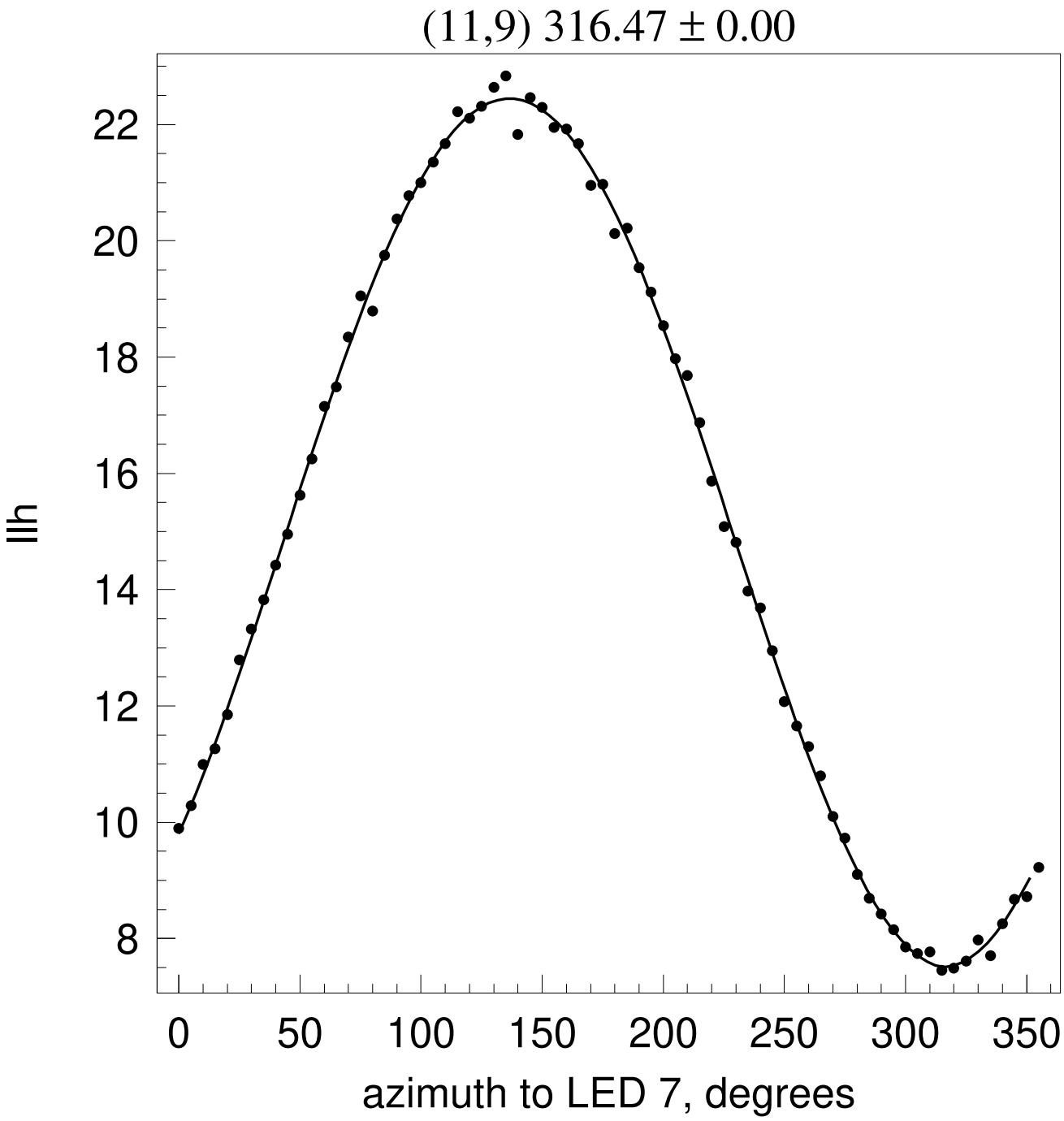

(11,4) 319.55 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

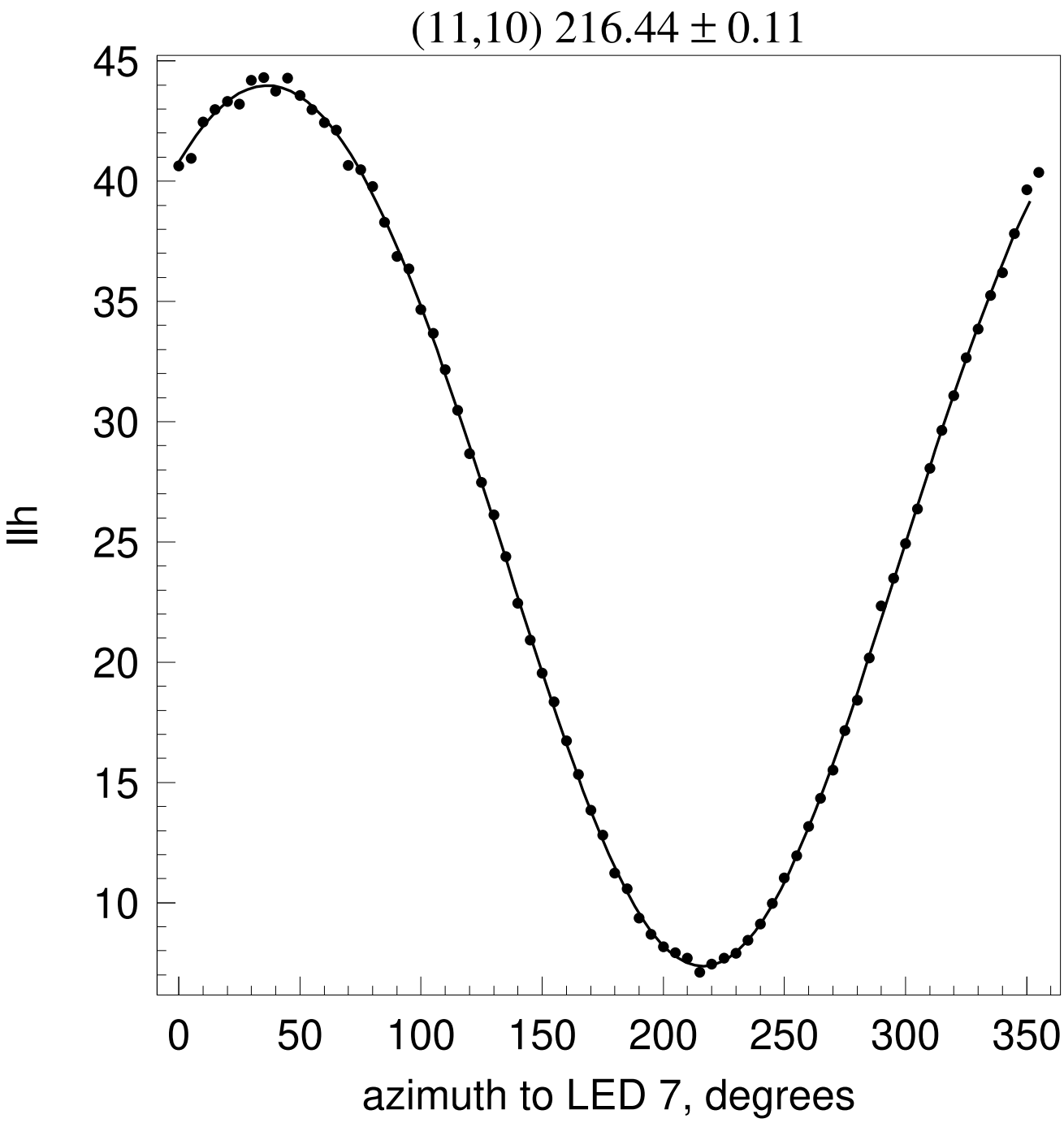

(11,5) 2.58 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

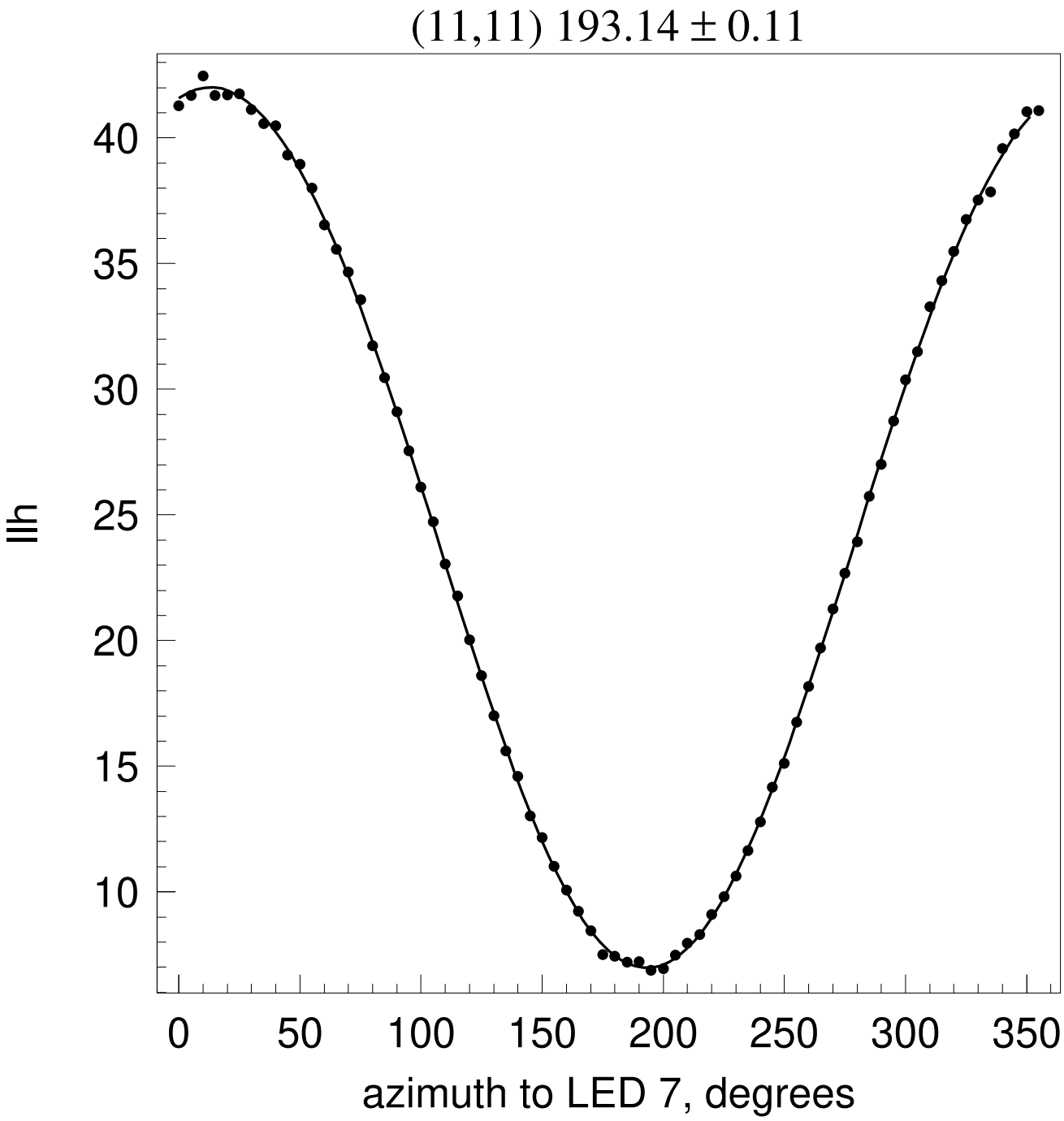

(11,6) 102.40 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

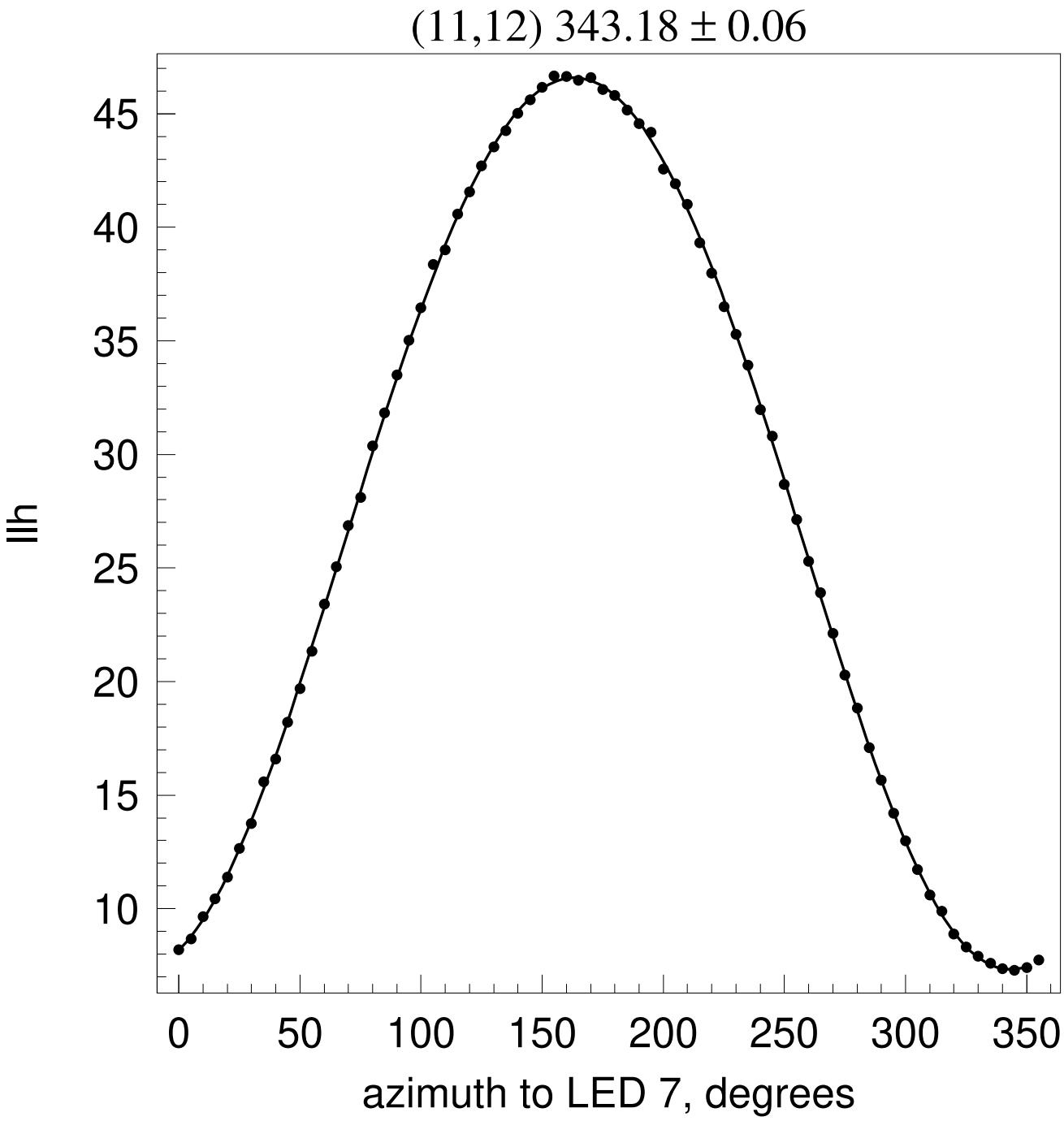

(11,7) 237.62 ± 0.27
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

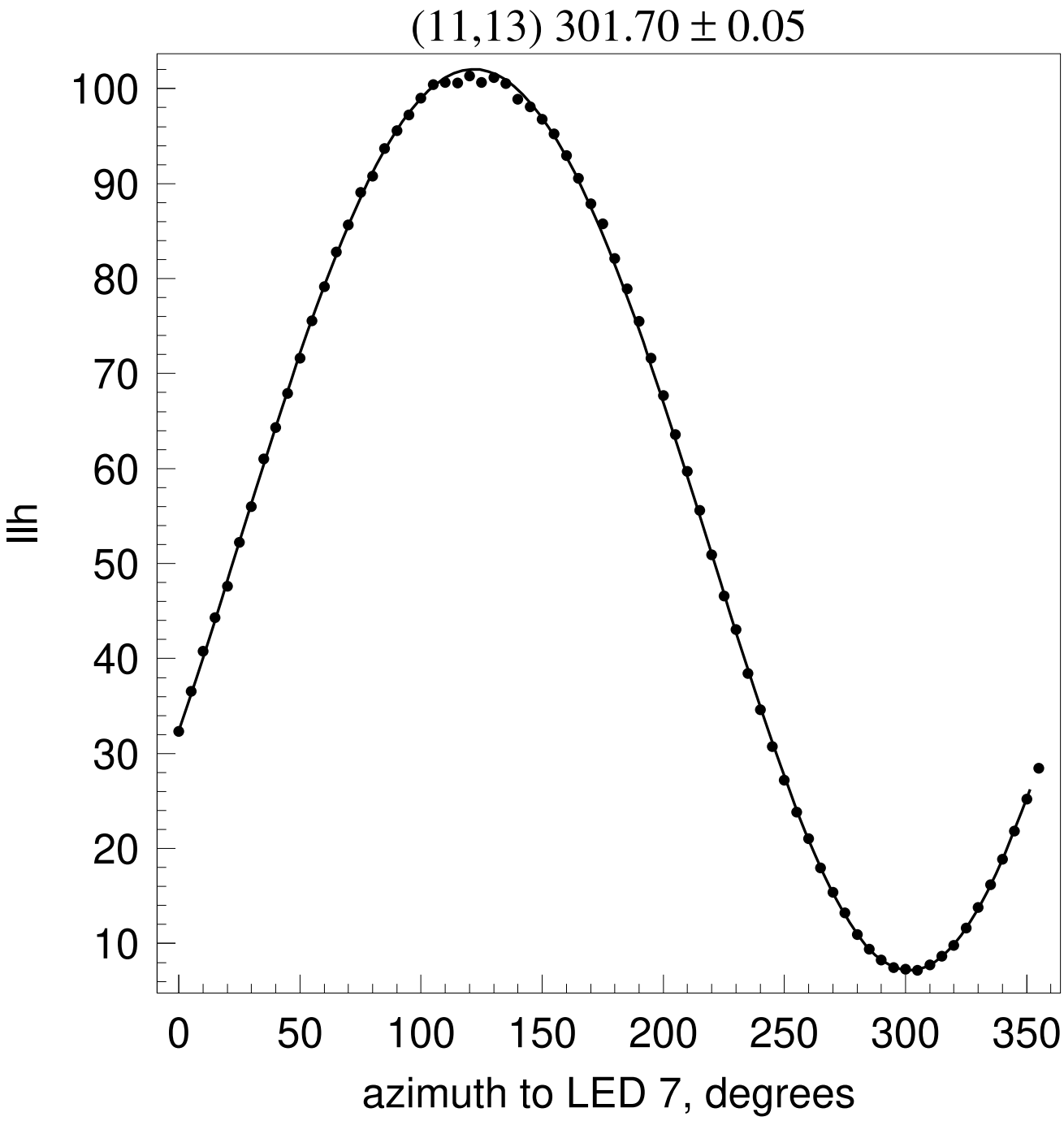

(11,8) 68.57 ± 0.24
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

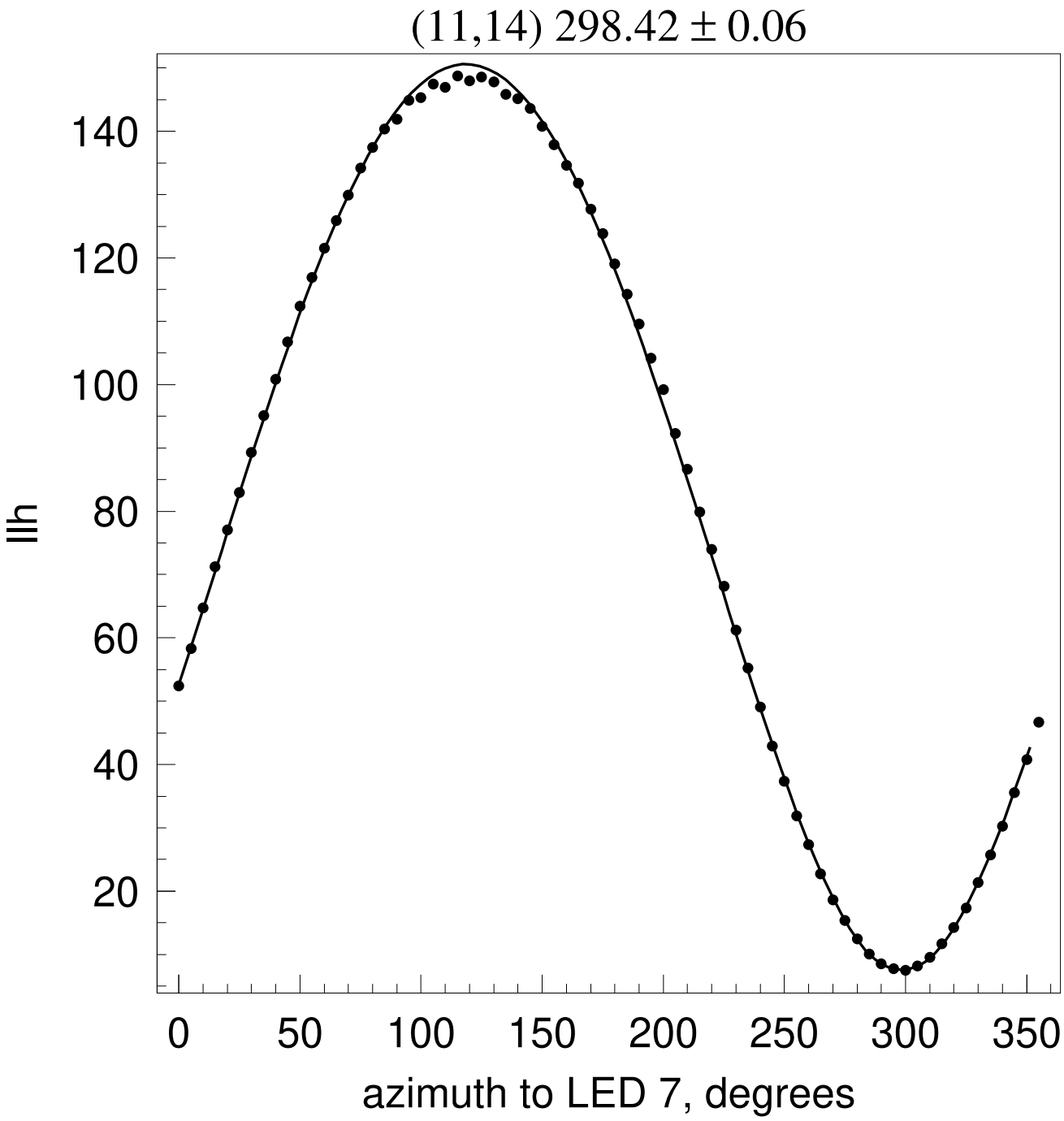

(11,9) 316.47 ± 0.00
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

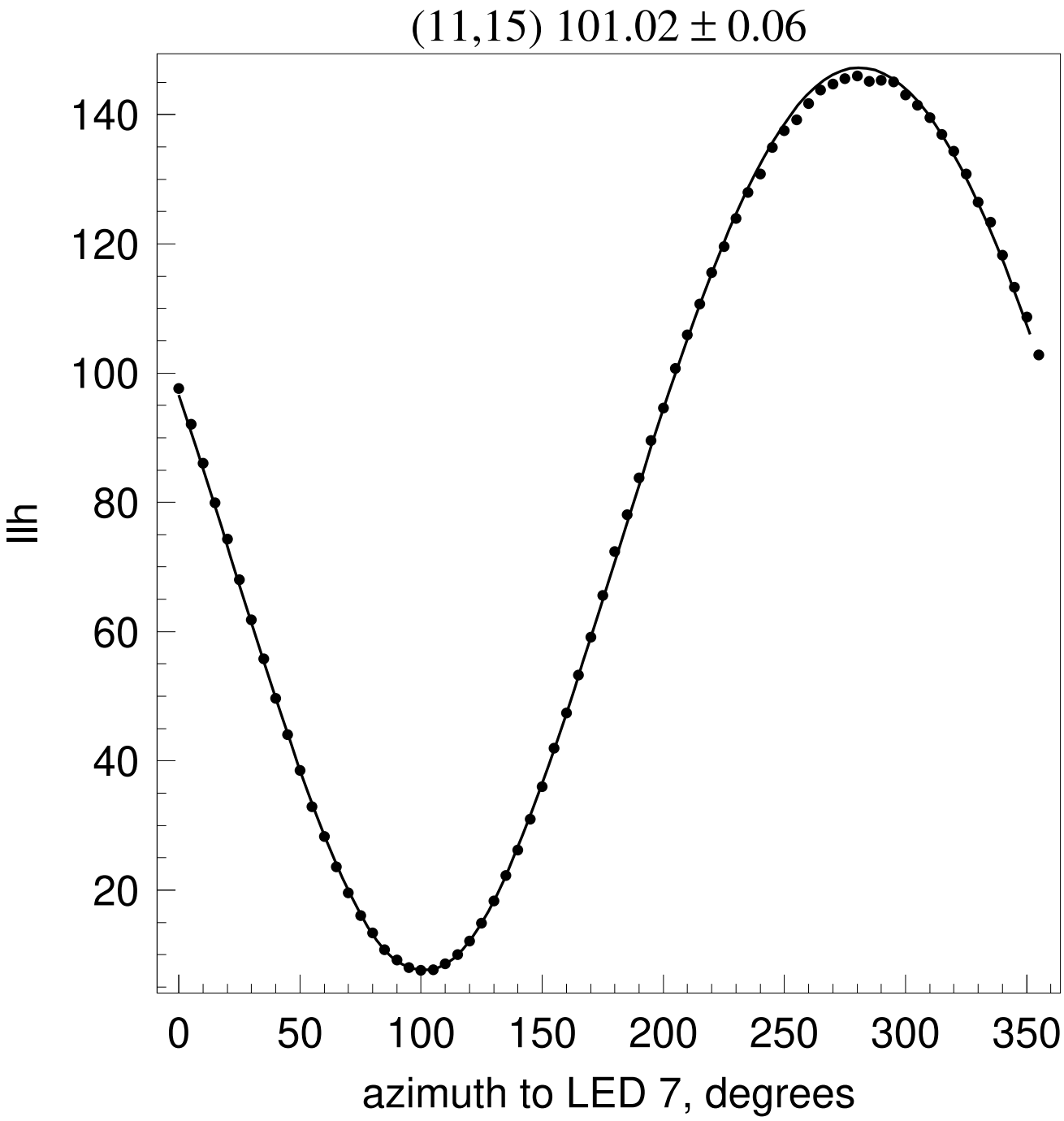

(11,10) 216.44 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

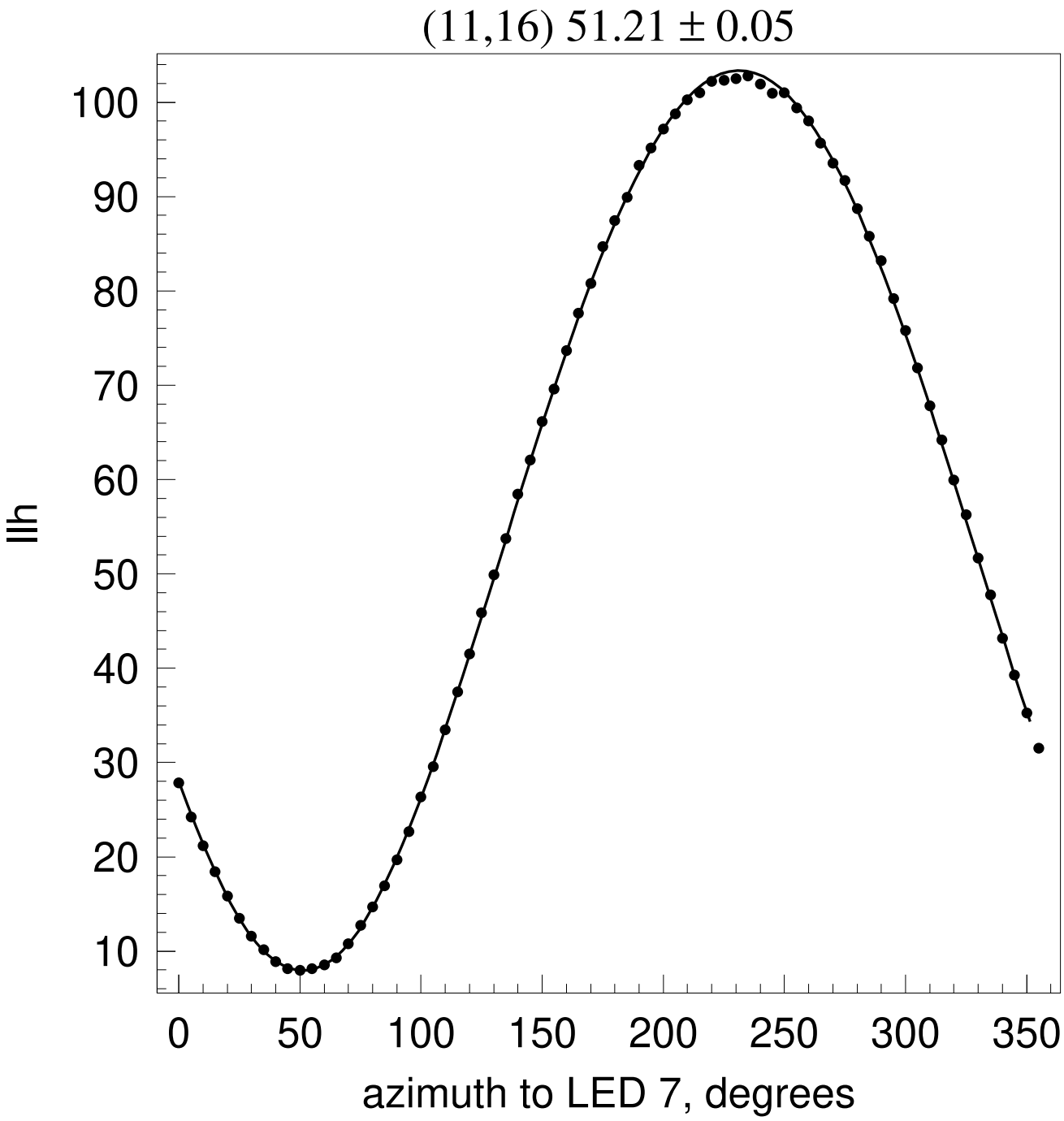

(11,11) 193.14 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

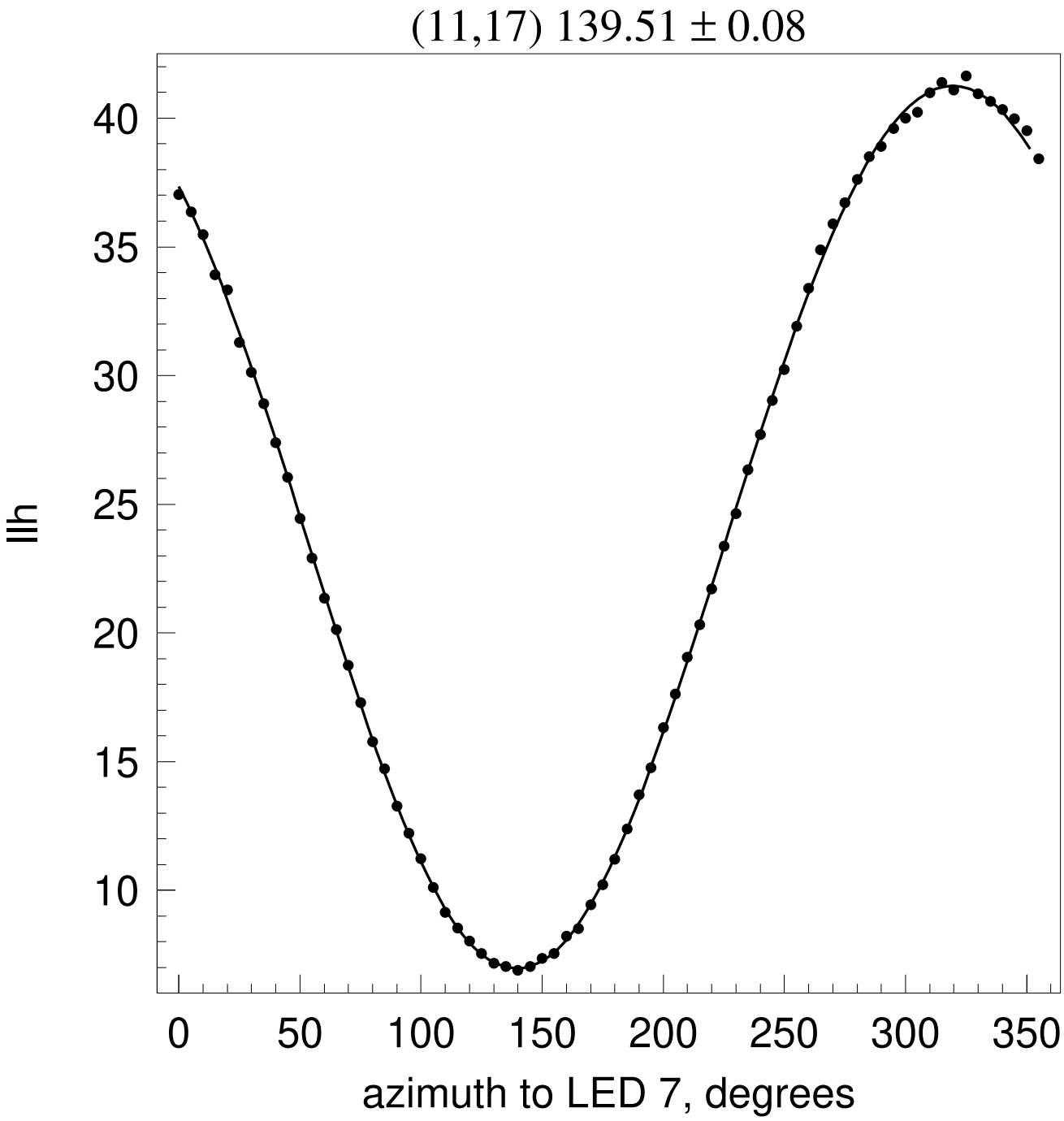

(11,12) 343.18 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

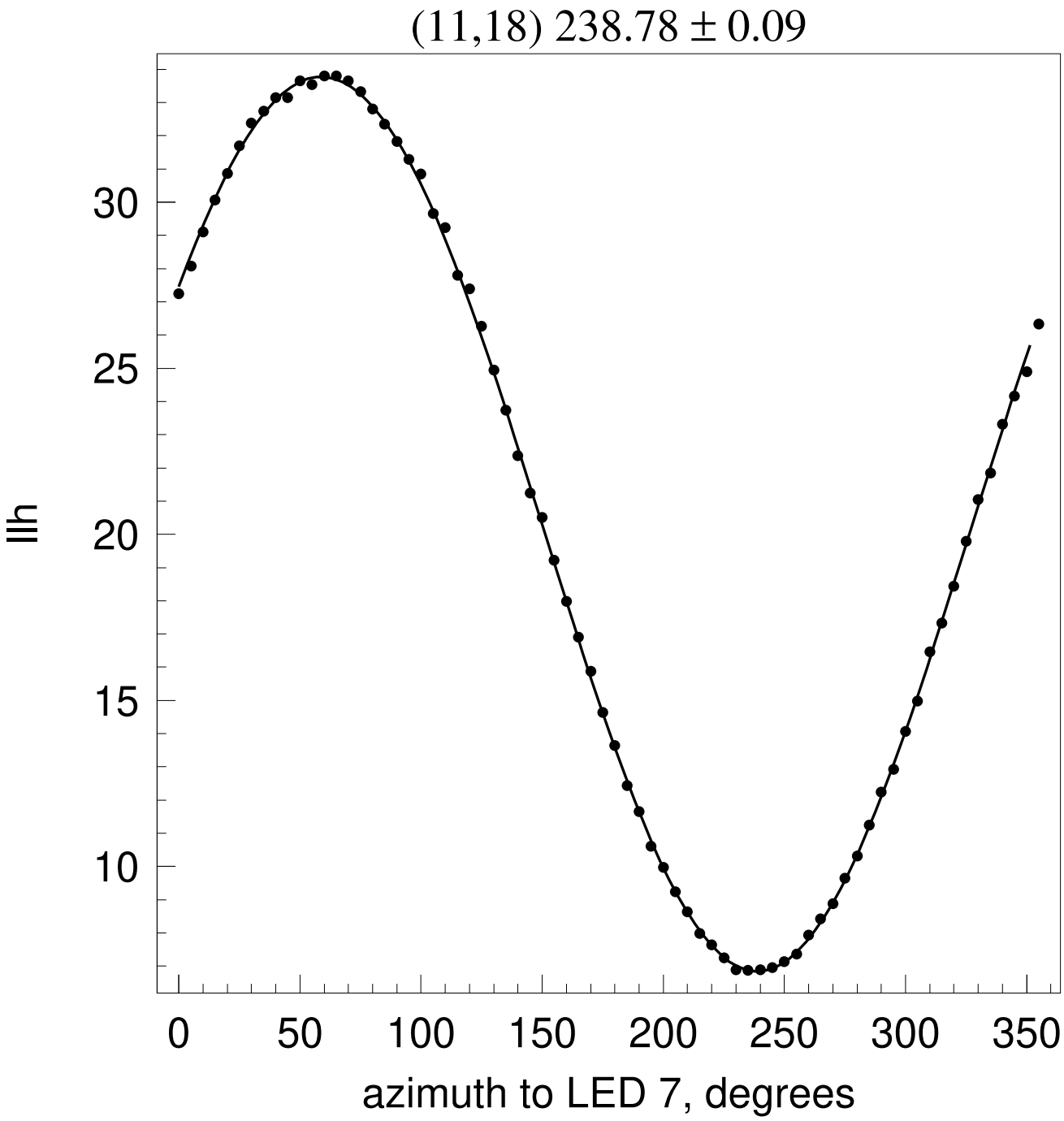

(11,13) 301.70 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

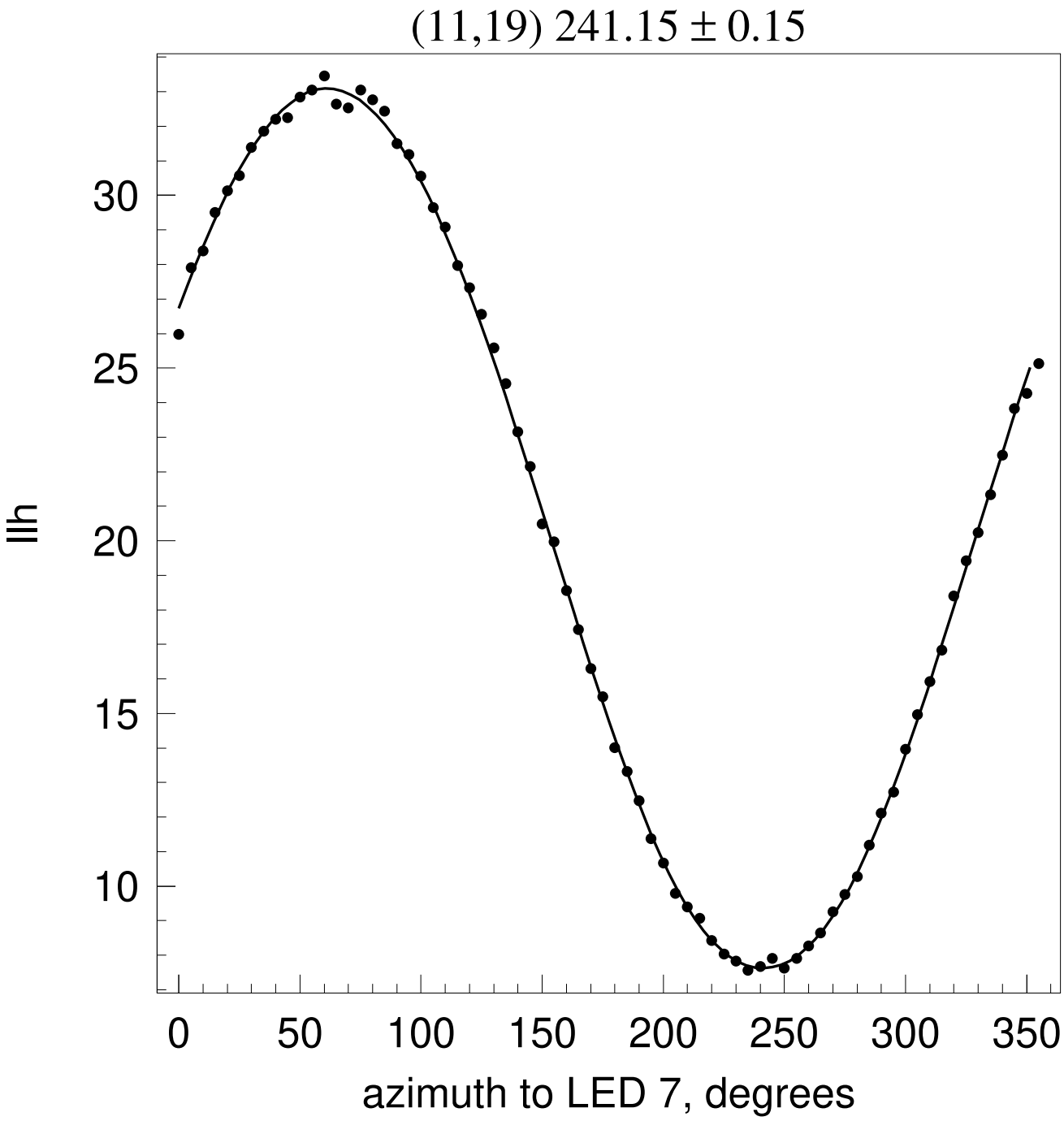

(11,14) 298.42 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

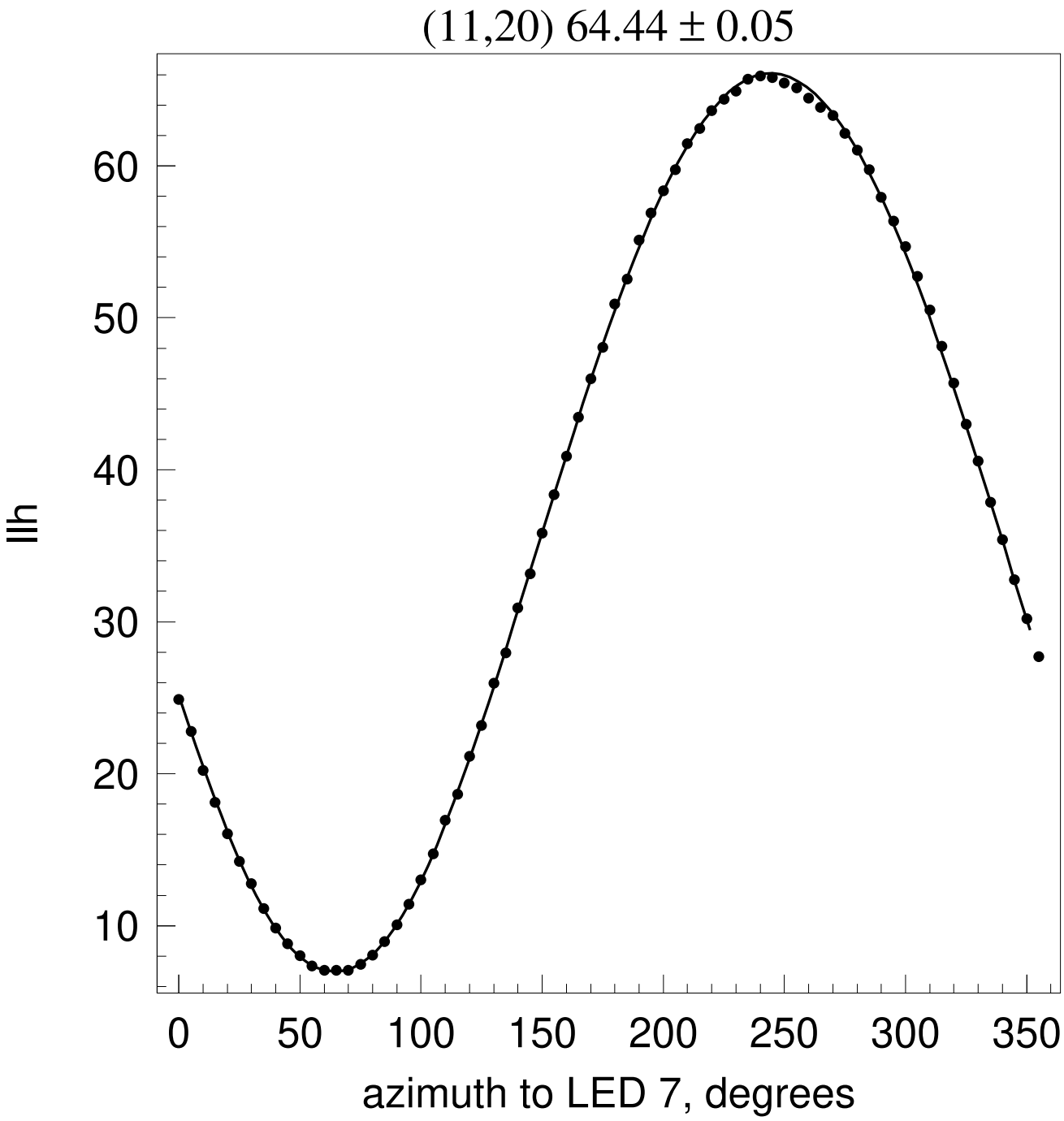

(11,15) 101.02 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

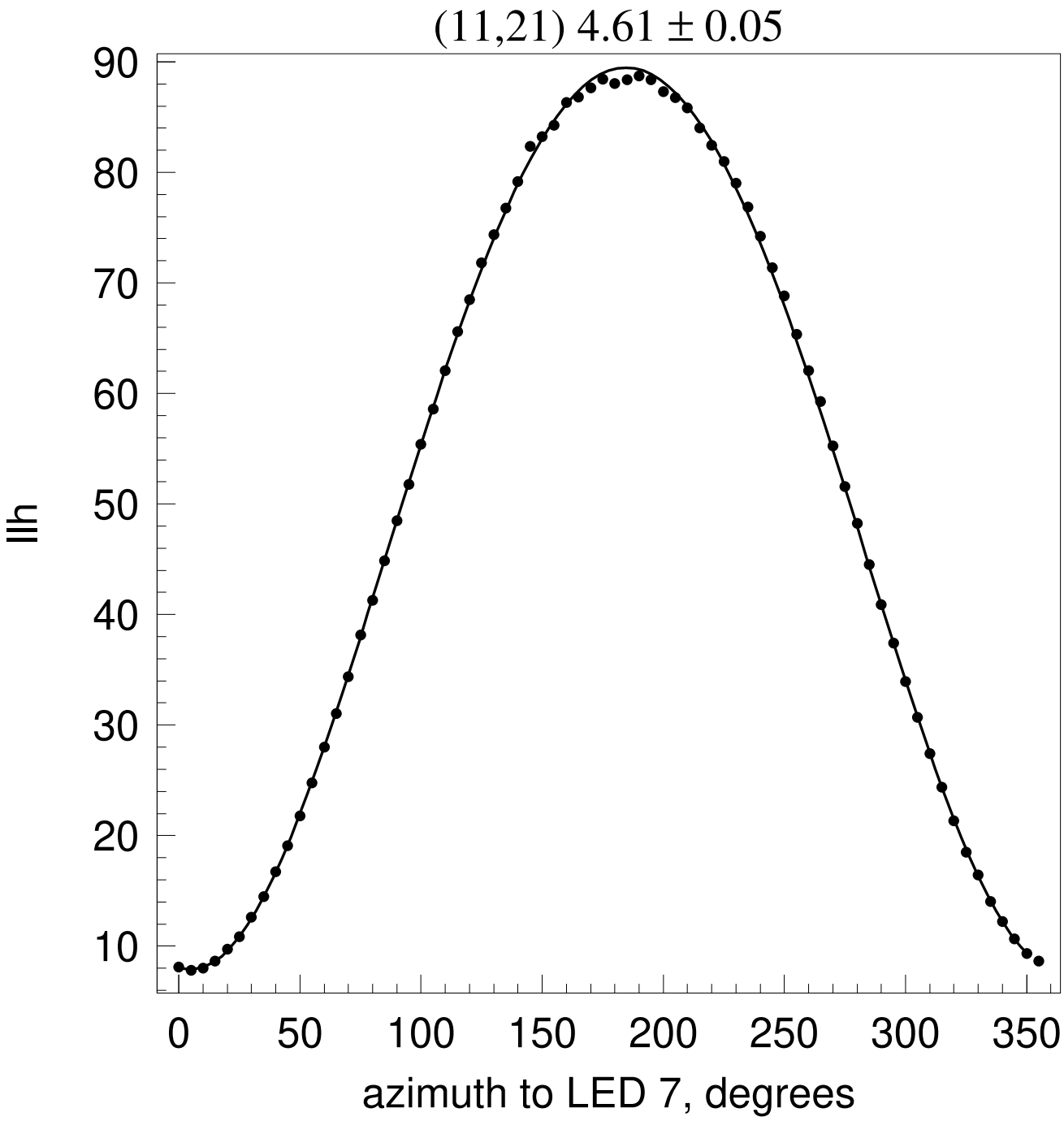

(11,16) 51.21 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

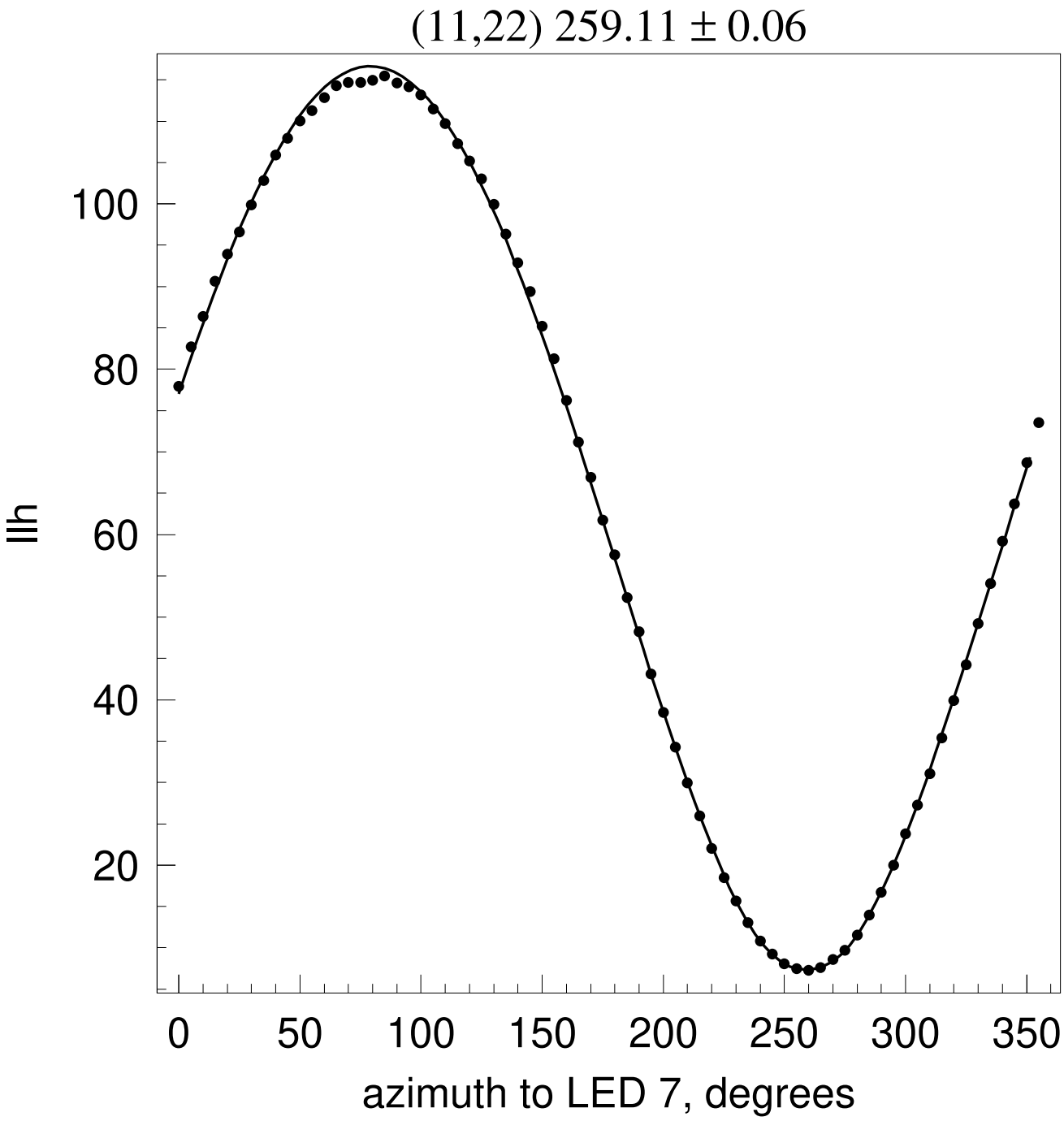

(11,17) 139.51 ± 0.08
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

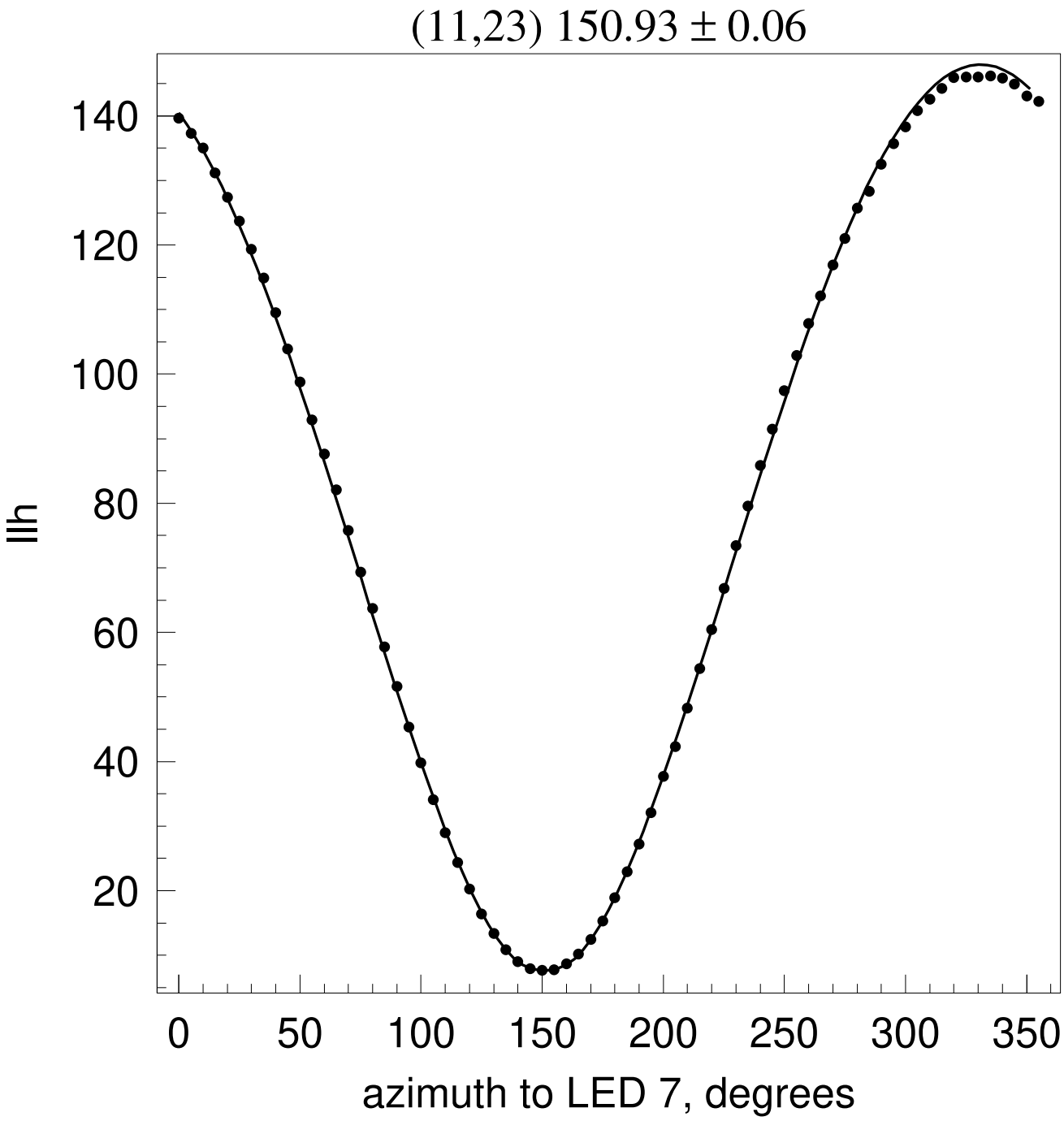

(11,18) 238.78 ± 0.09
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

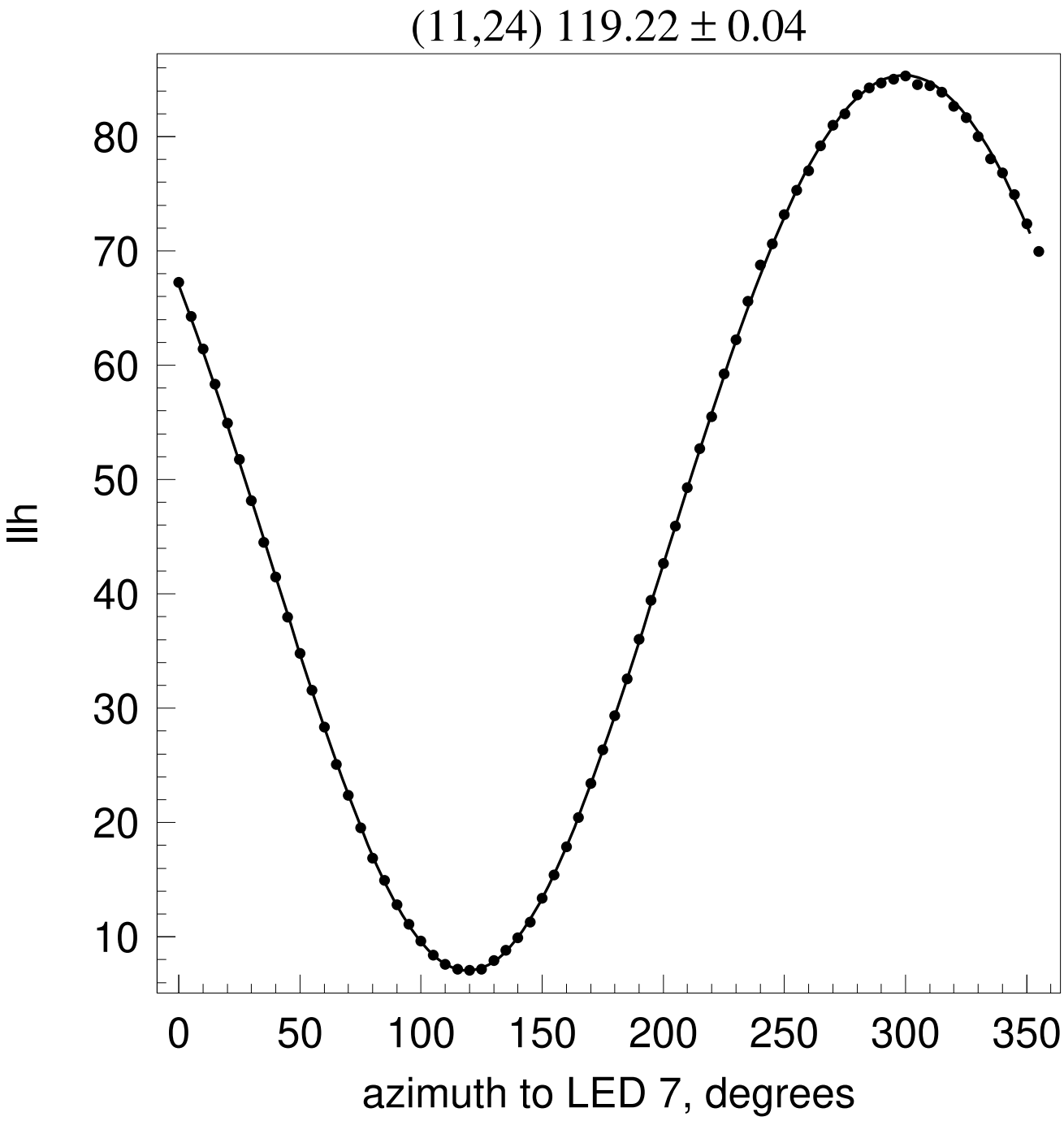

(11,19) 241.15 ± 0.15
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

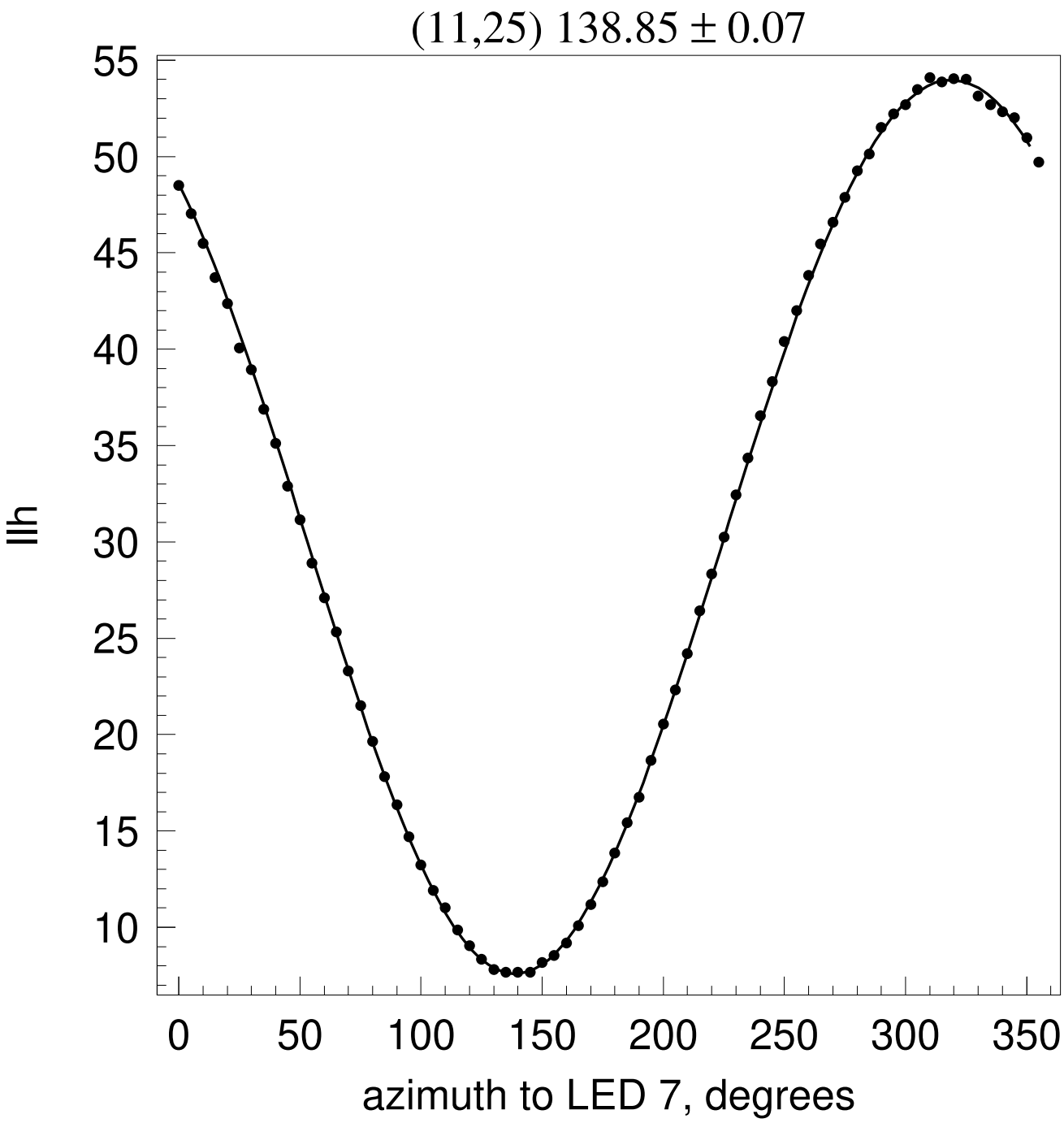

(11,20) 64.44 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

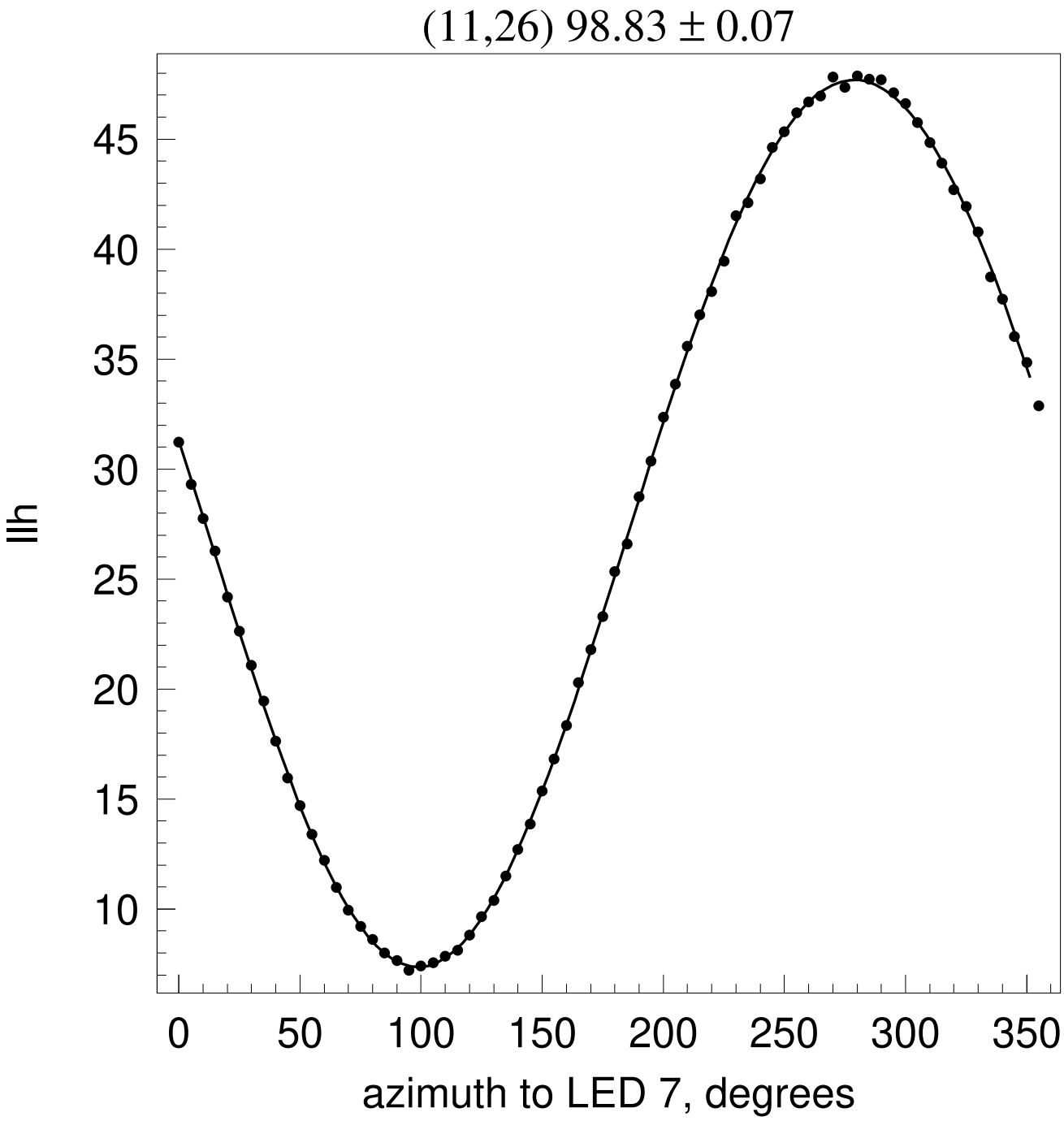

(11,21) 4.61 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

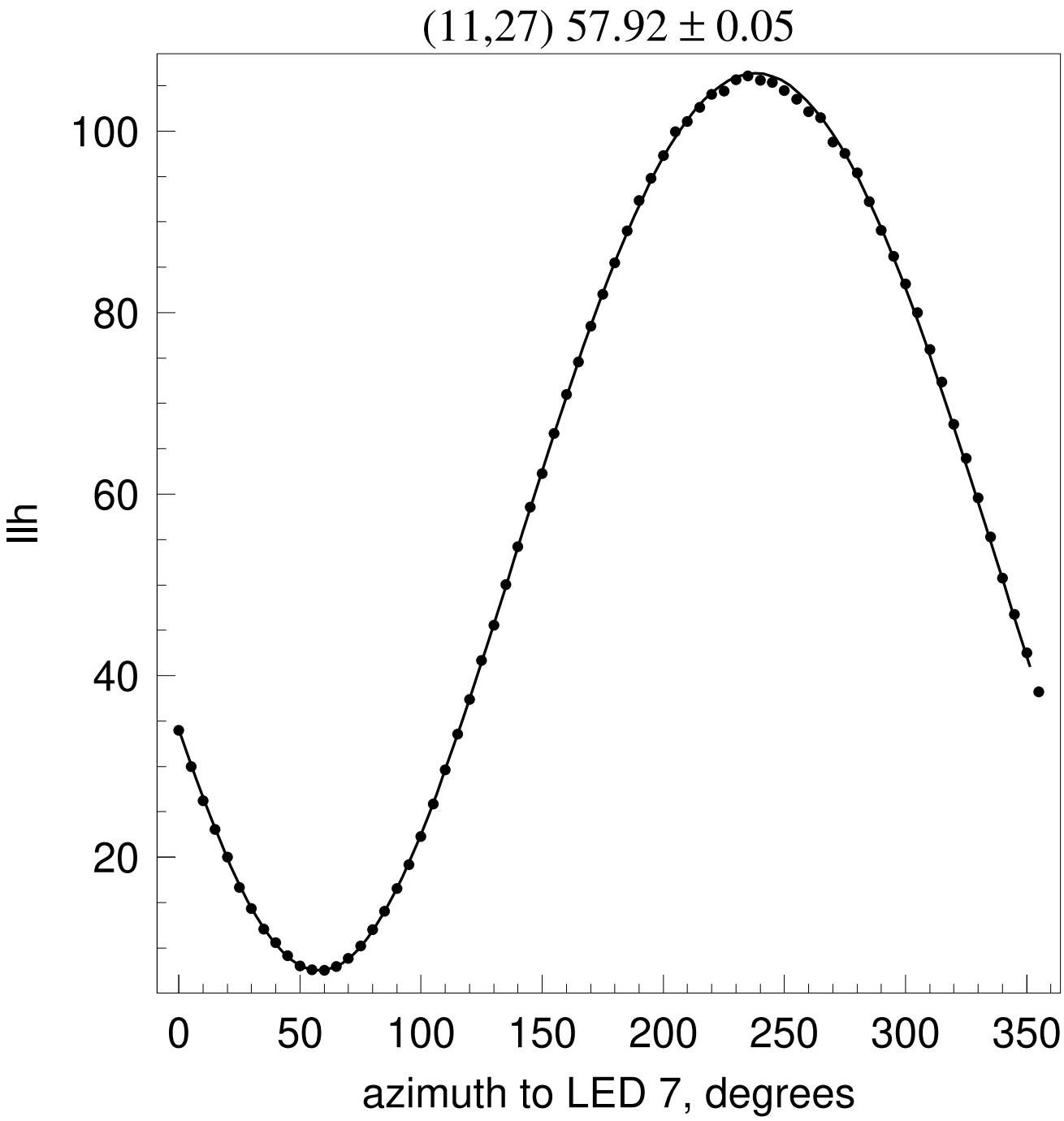

(11,22) 259.11 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

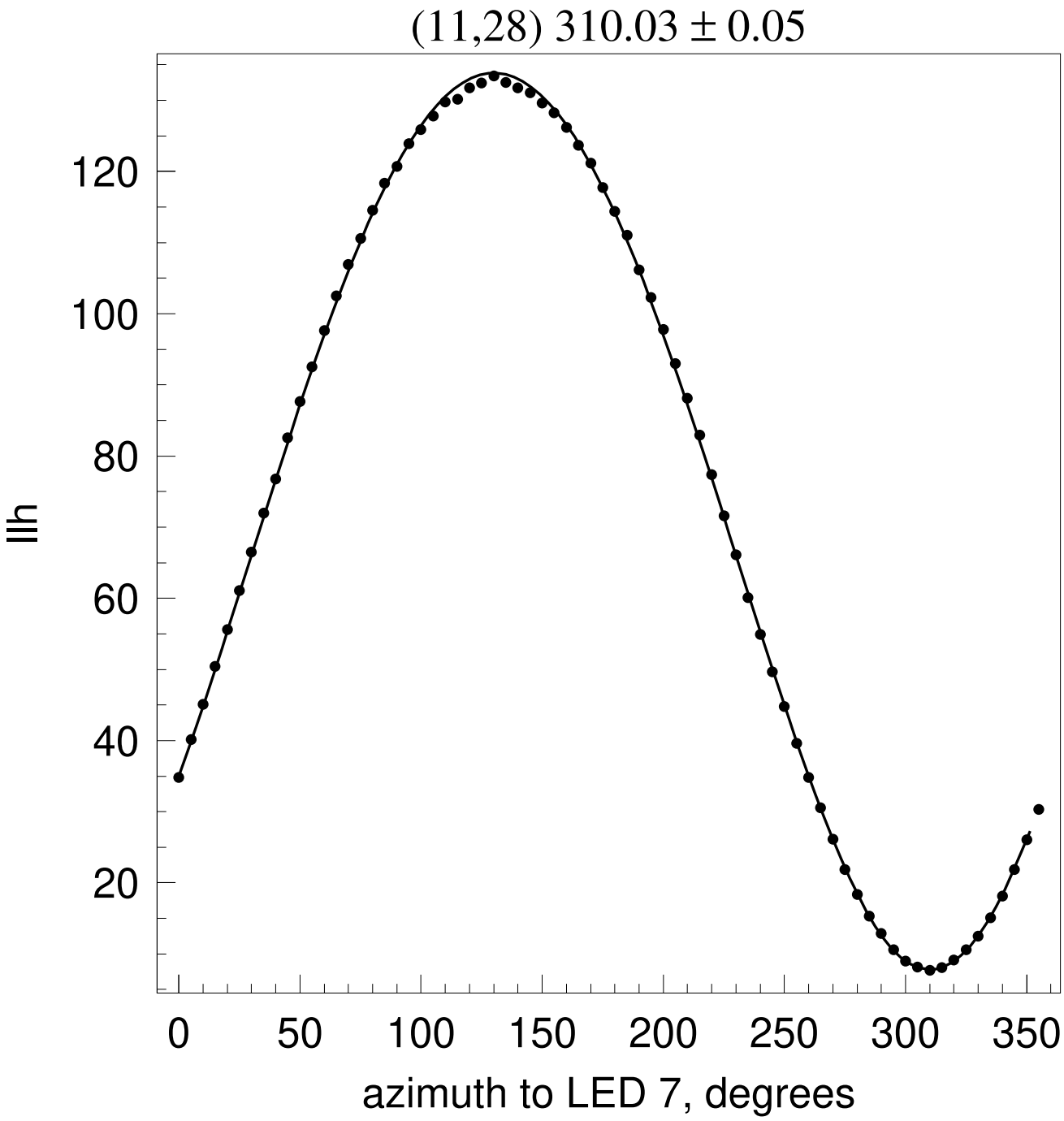

(11,23) 150.93 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

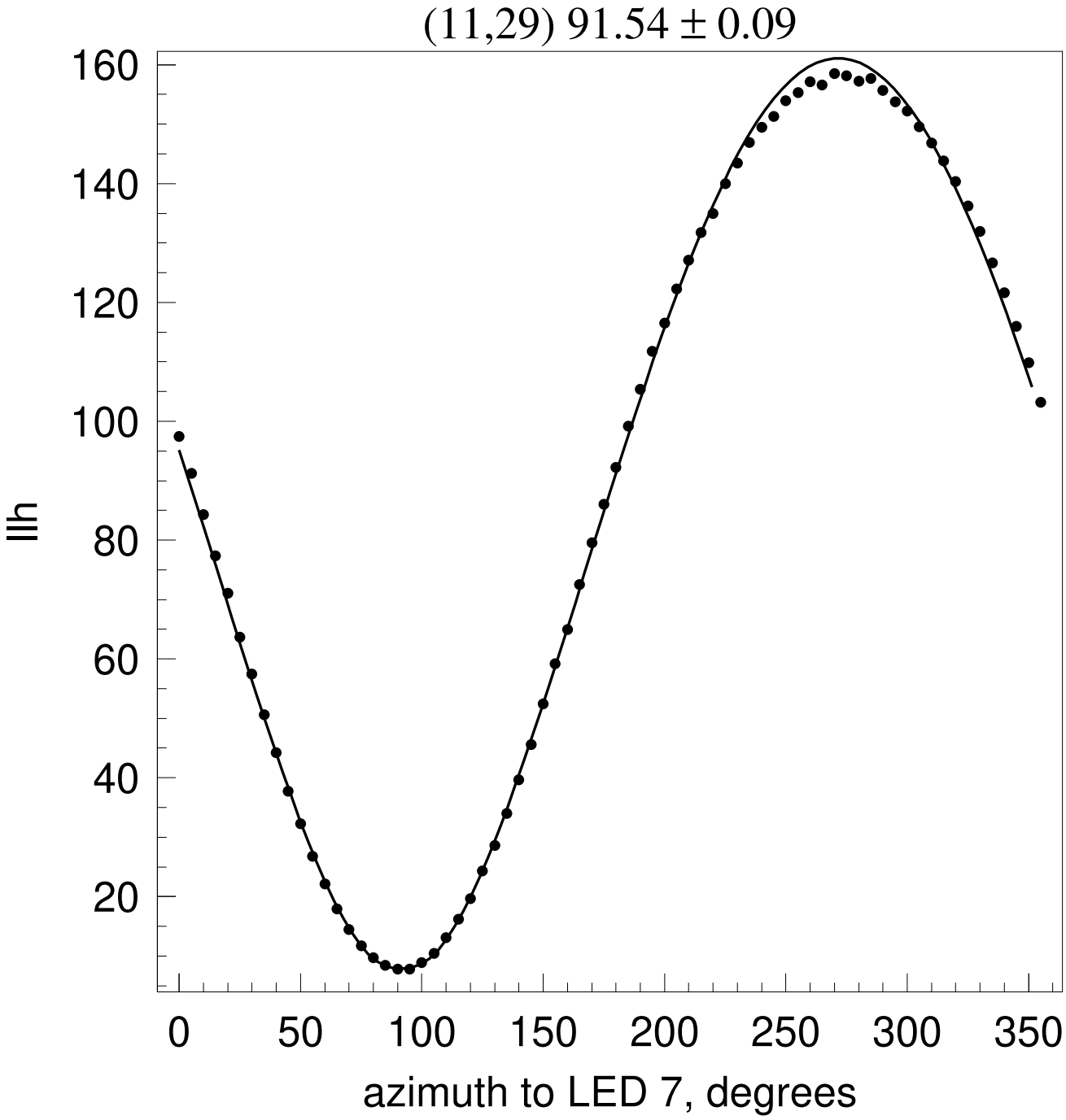

(11,24) 119.22 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

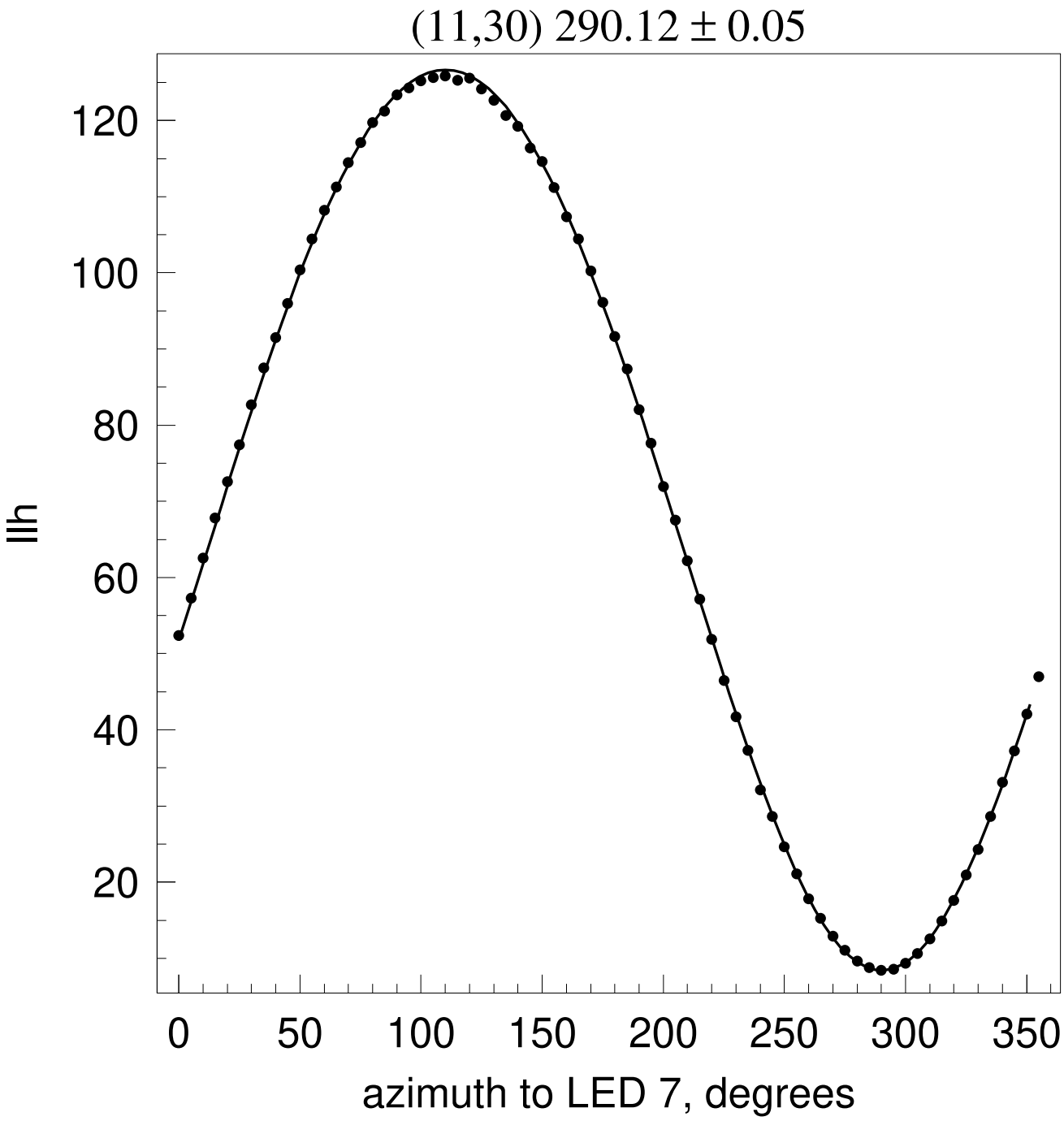

(11,25) 138.85 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

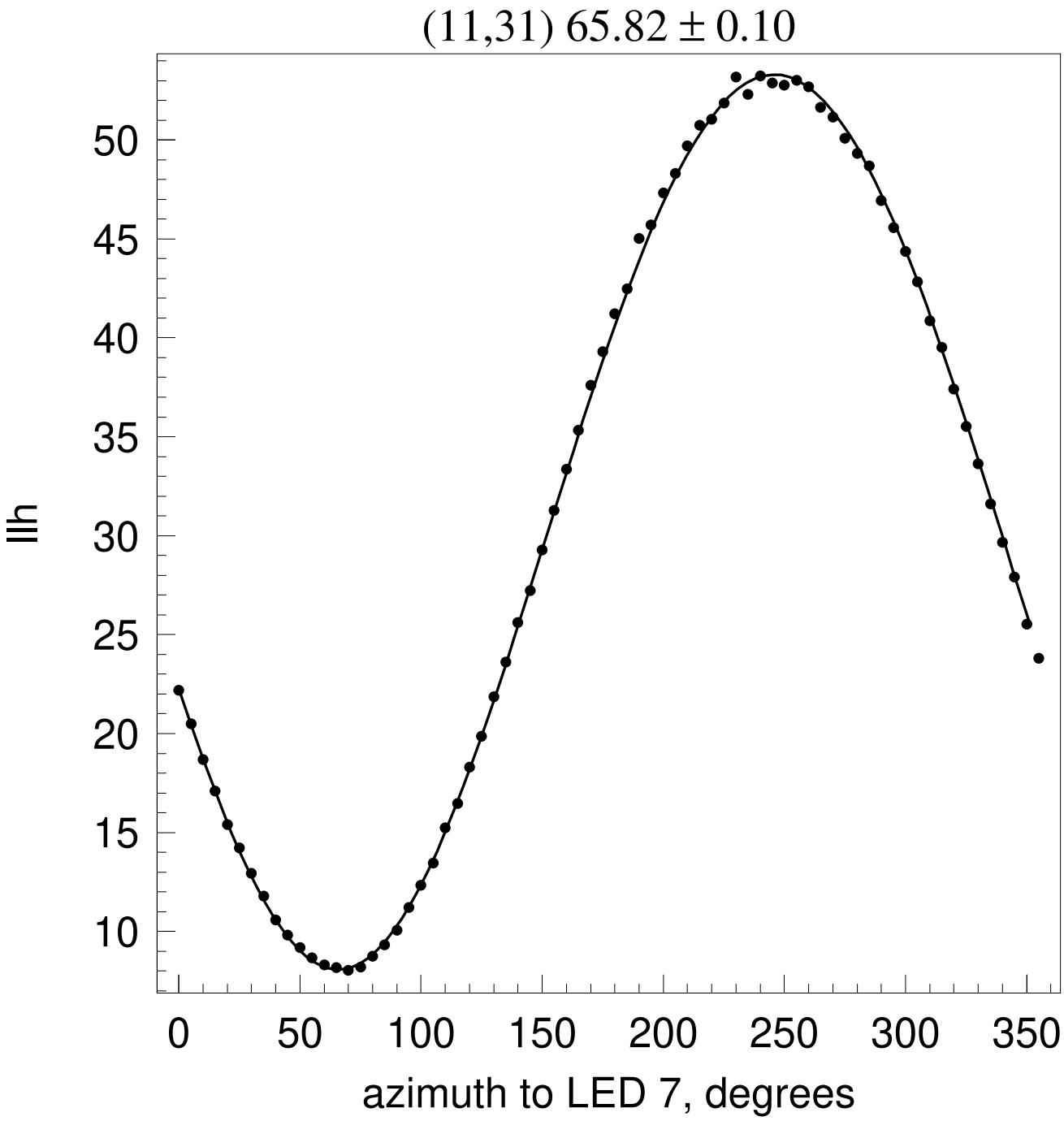

(11,26) 98.83 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

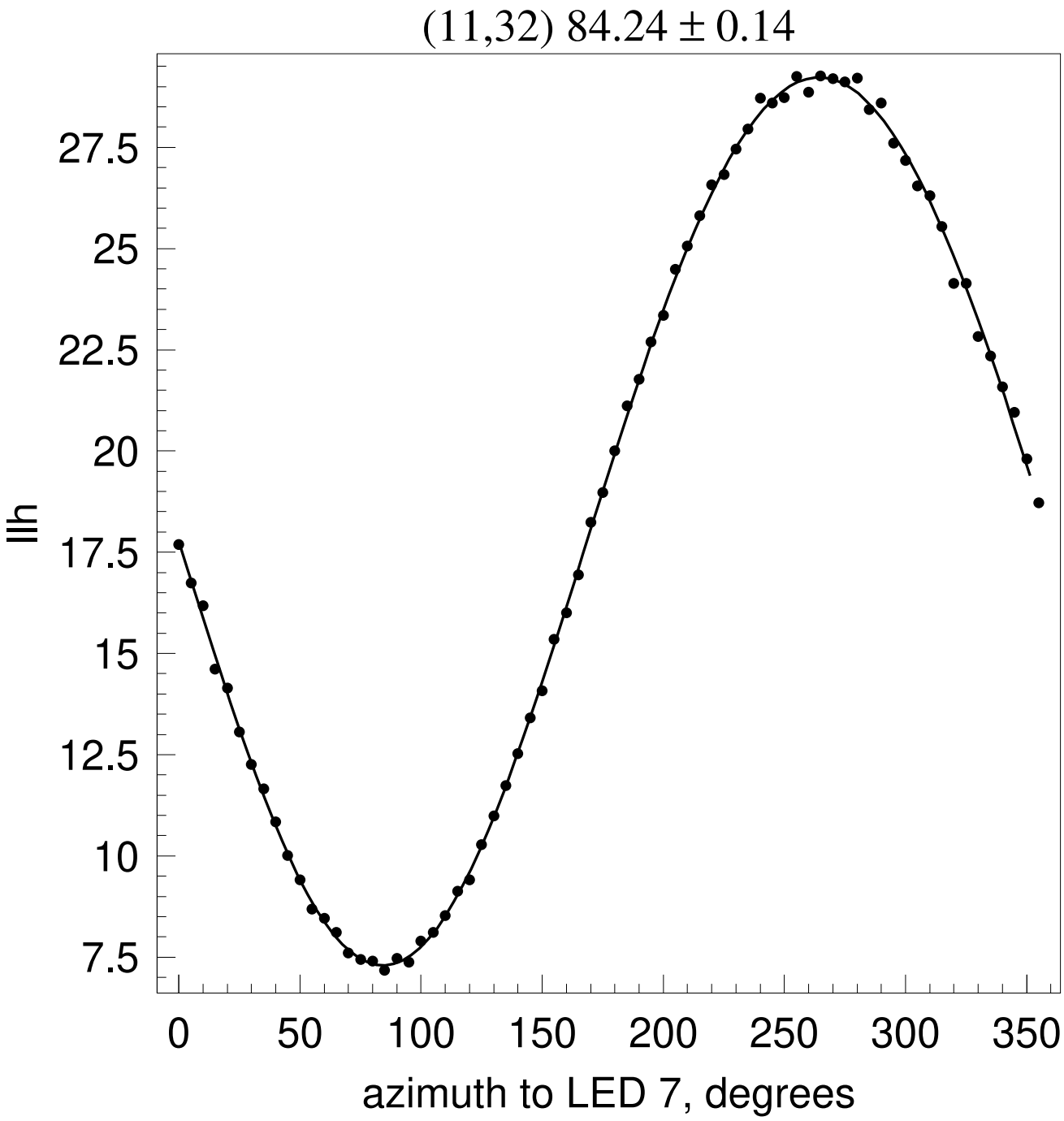

(11,27) 57.92 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

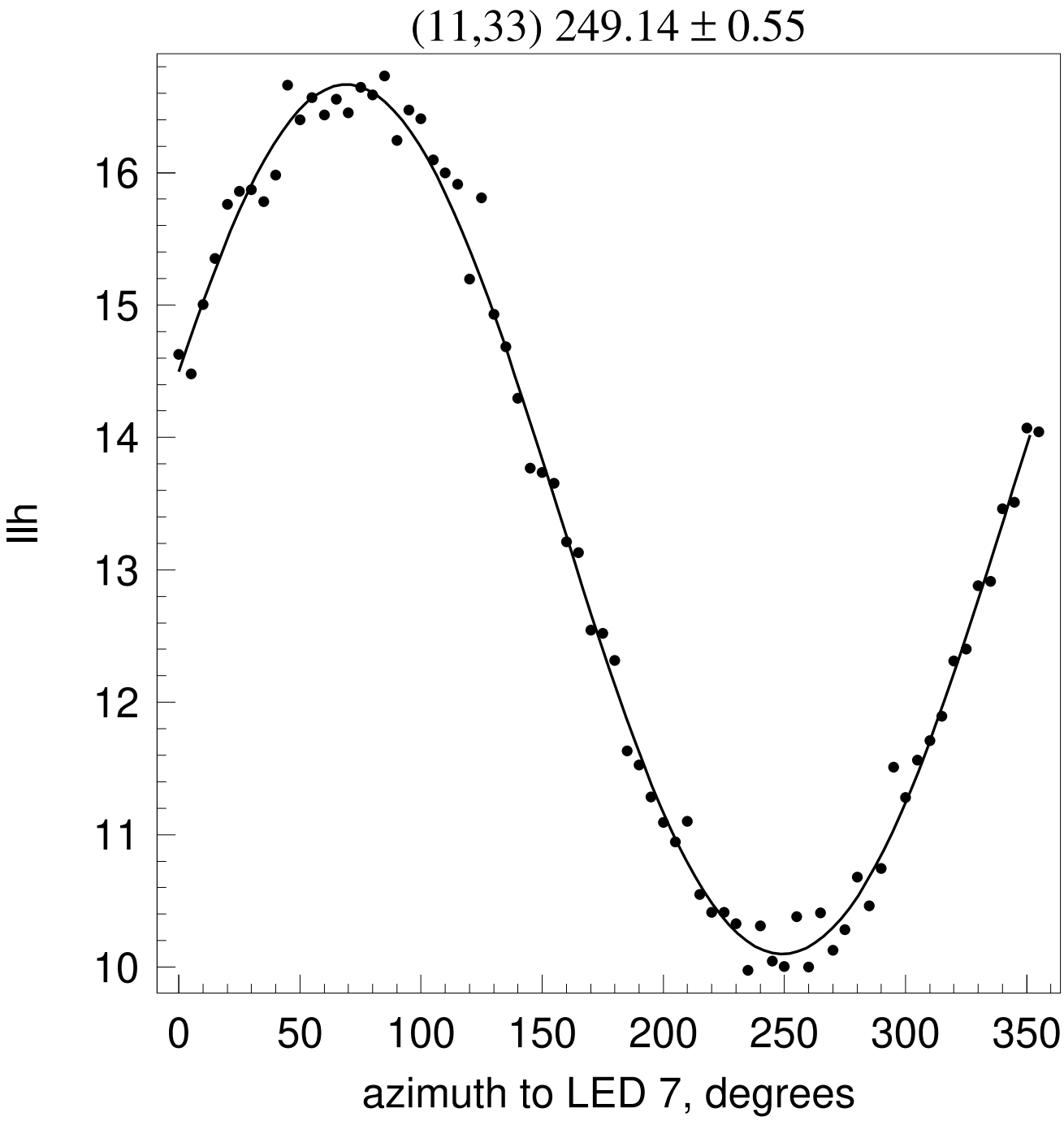

(11,28) 310.03 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

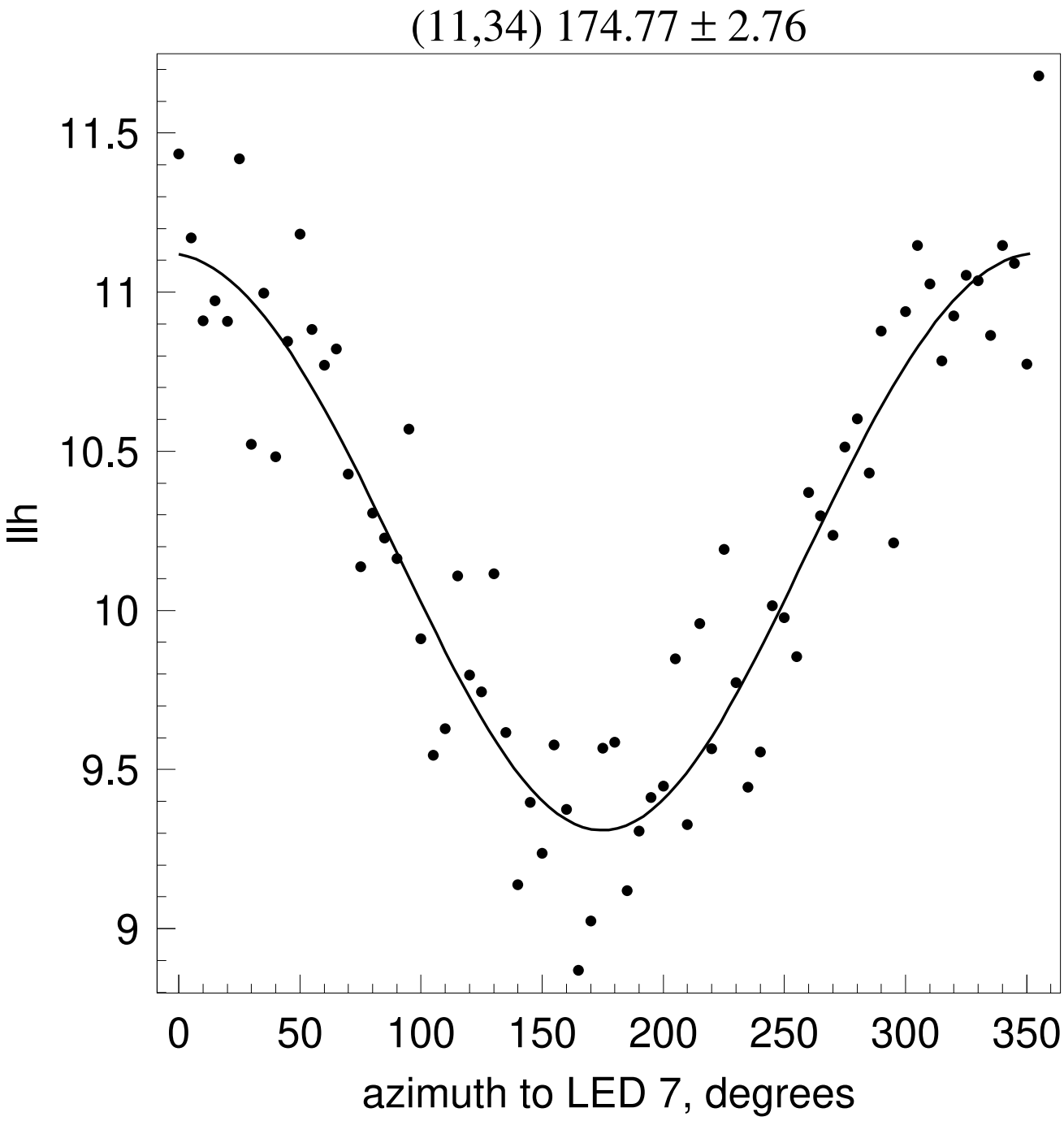

(11,29) 91.54 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

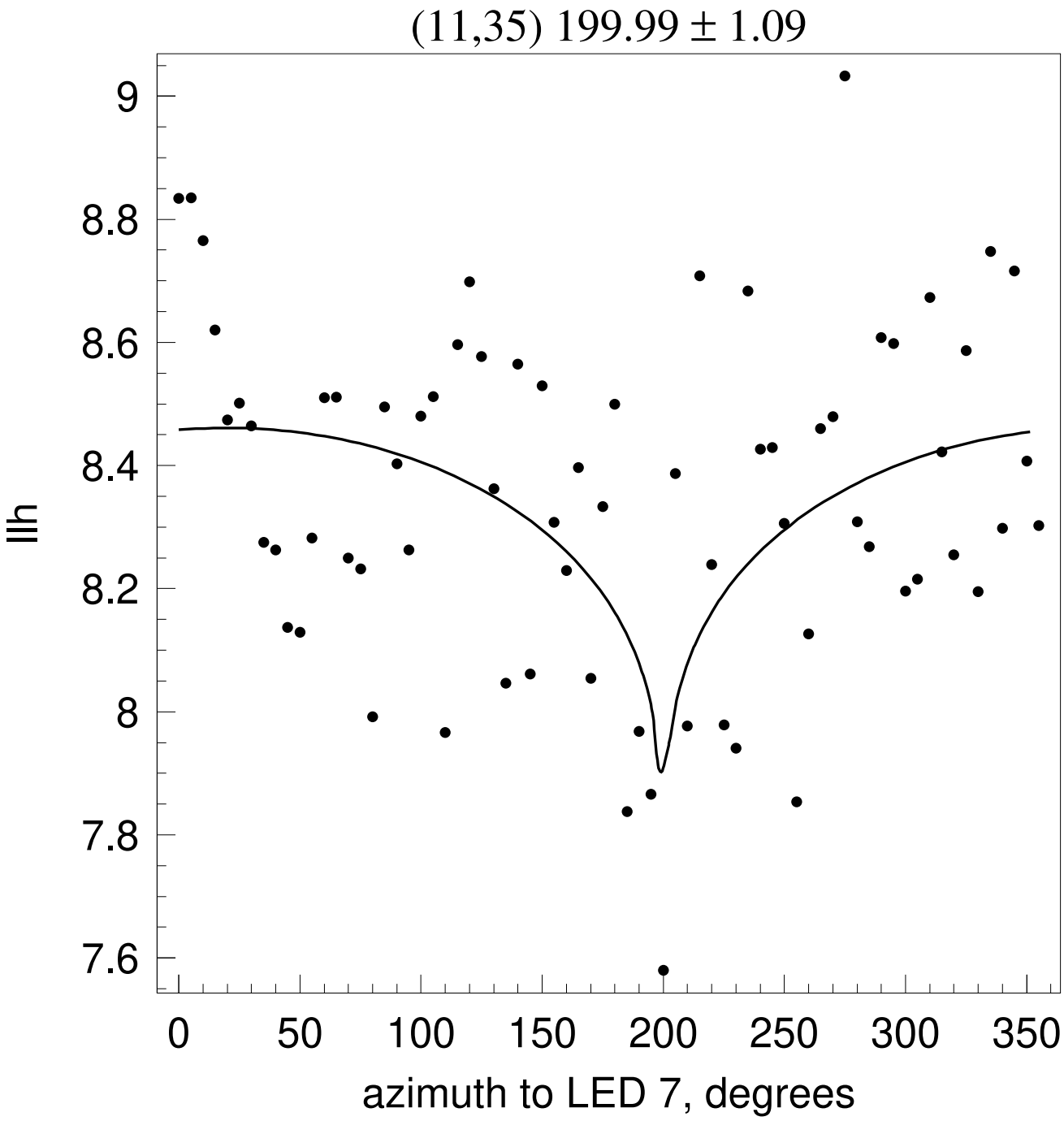

(11,30) 290.12 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

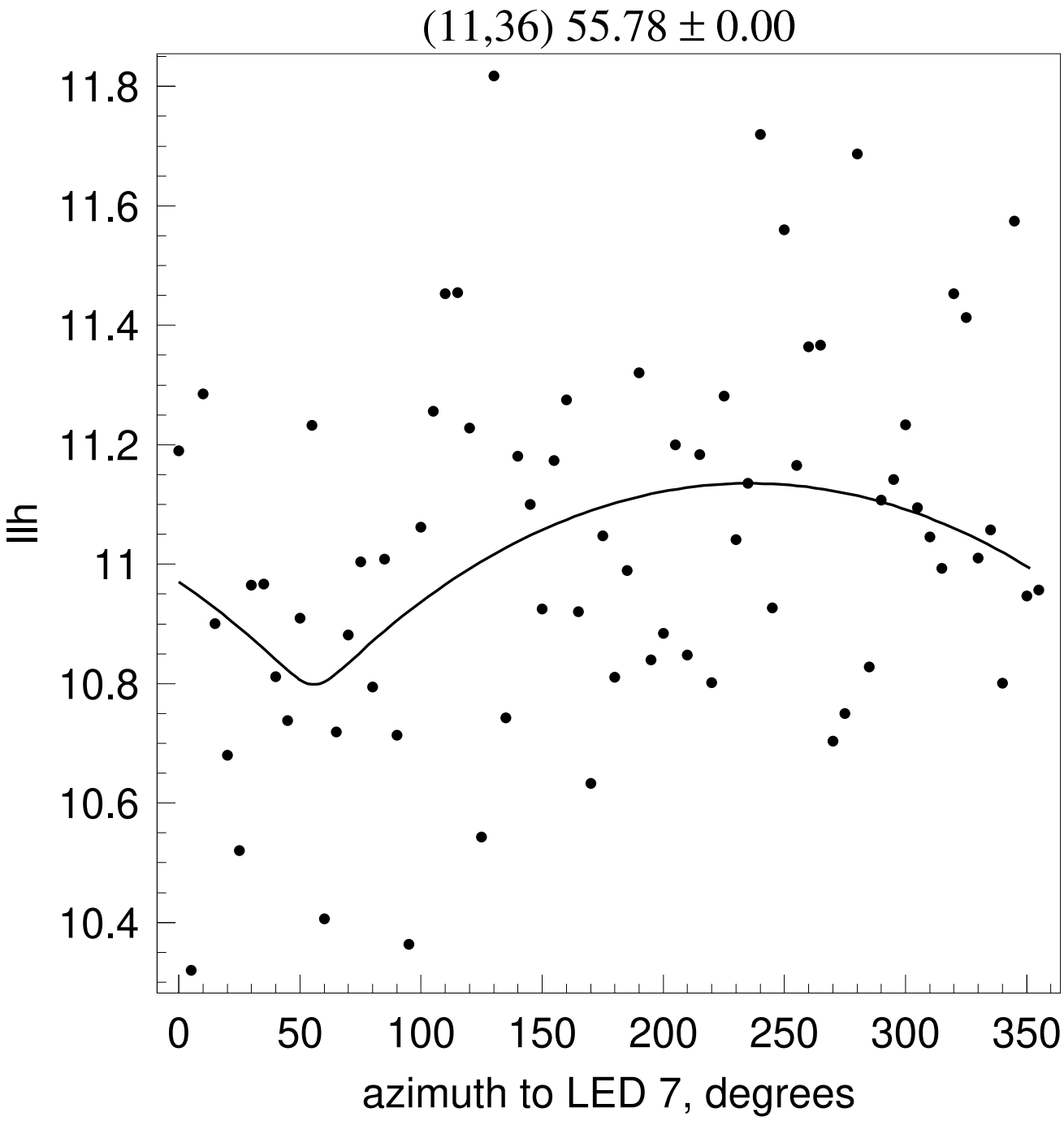

(11,31) 65.82 ± 0.10
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

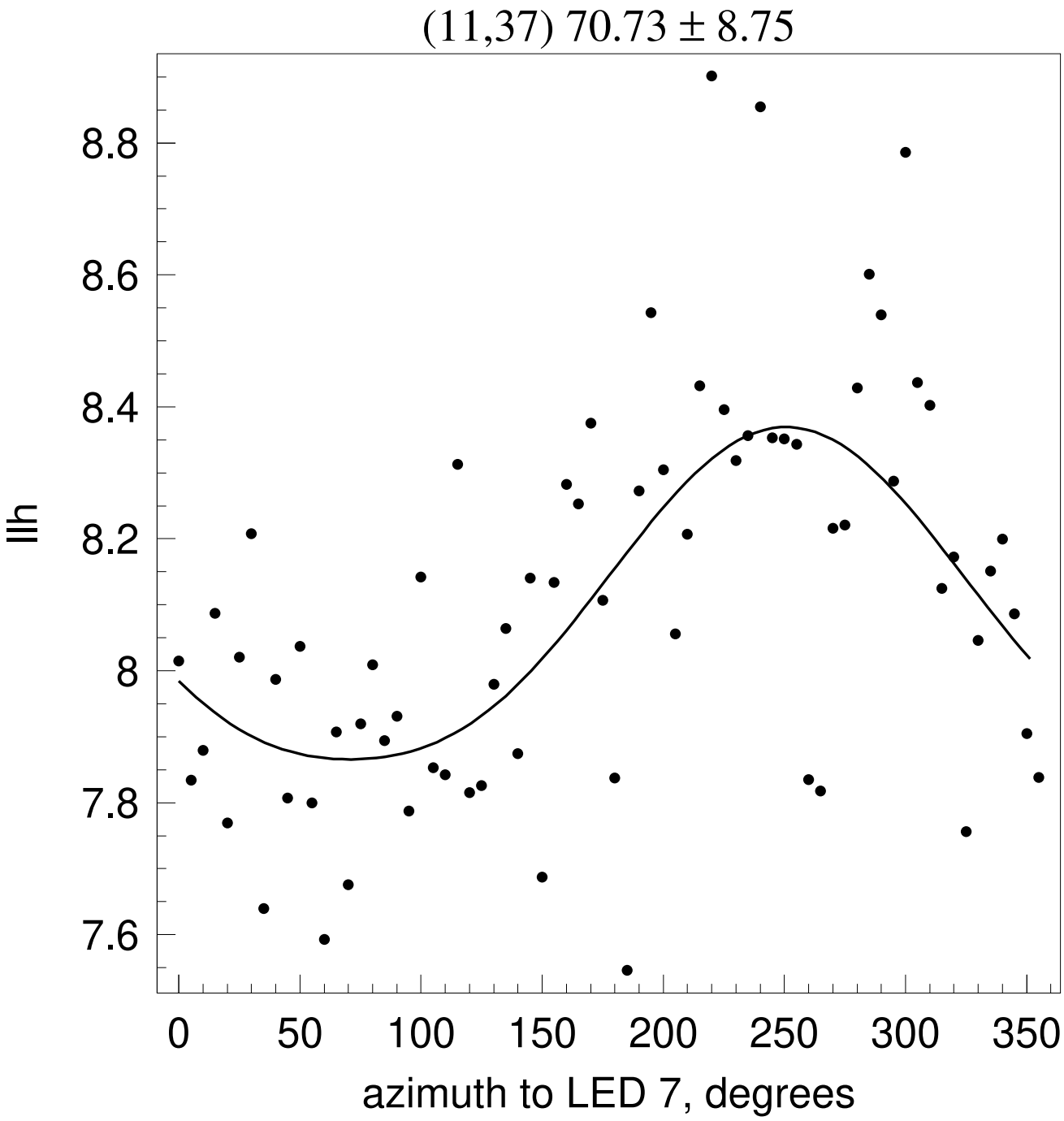

(11,32) 84.24 ± 0.14
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

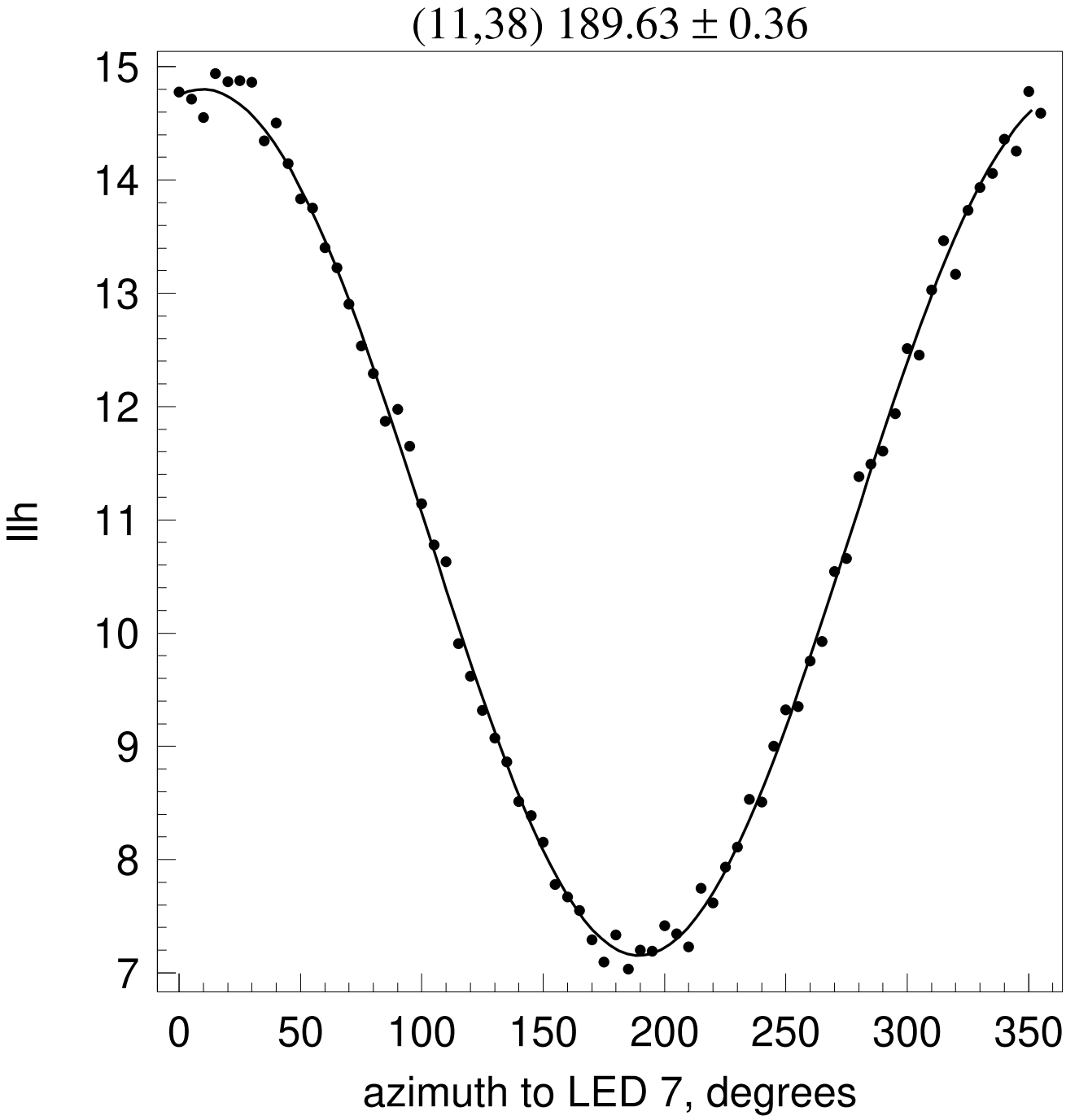

(11,33) 249.14 ± 0.55
16
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

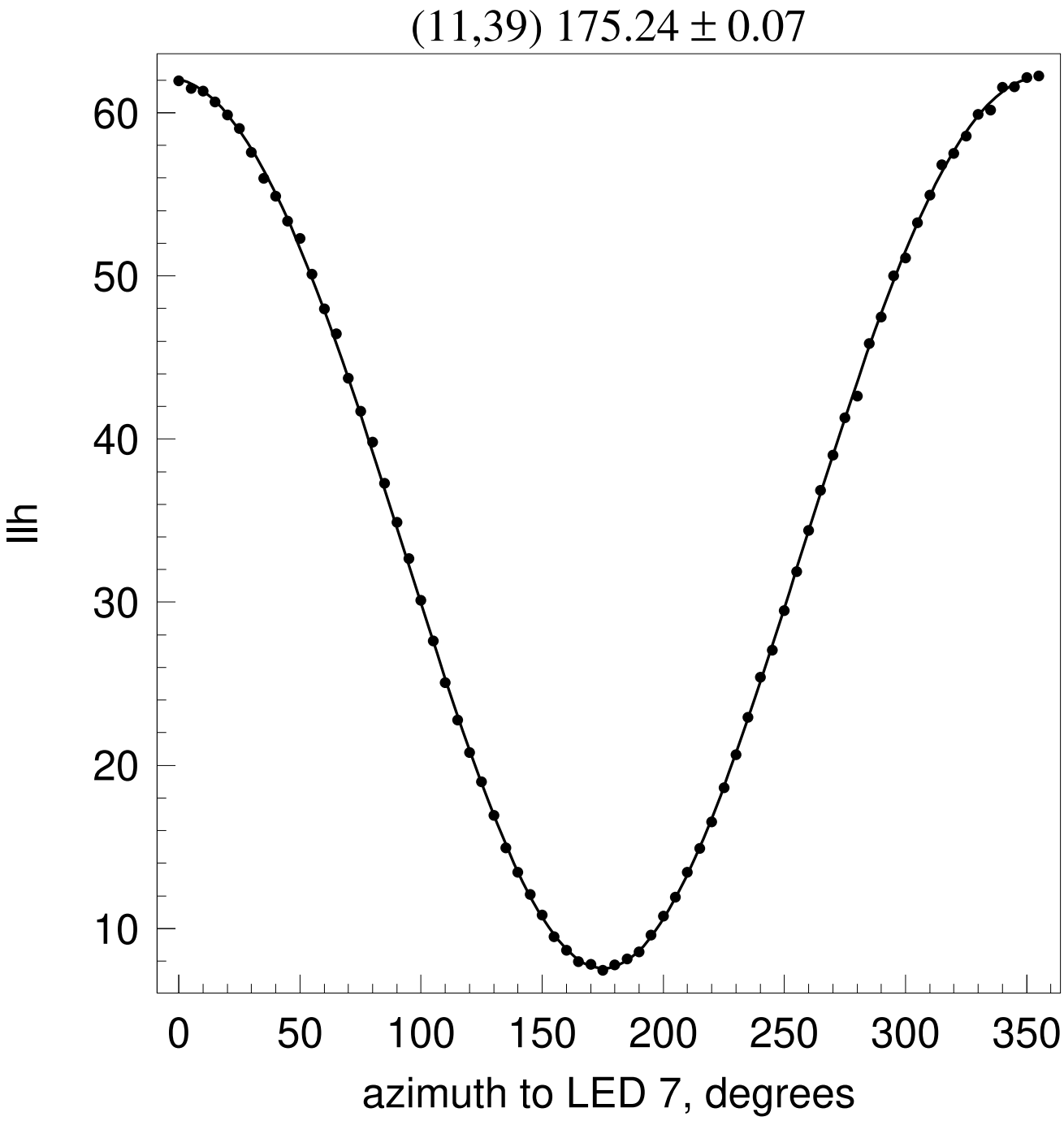

(11,34) 174.77 ± 2.76
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

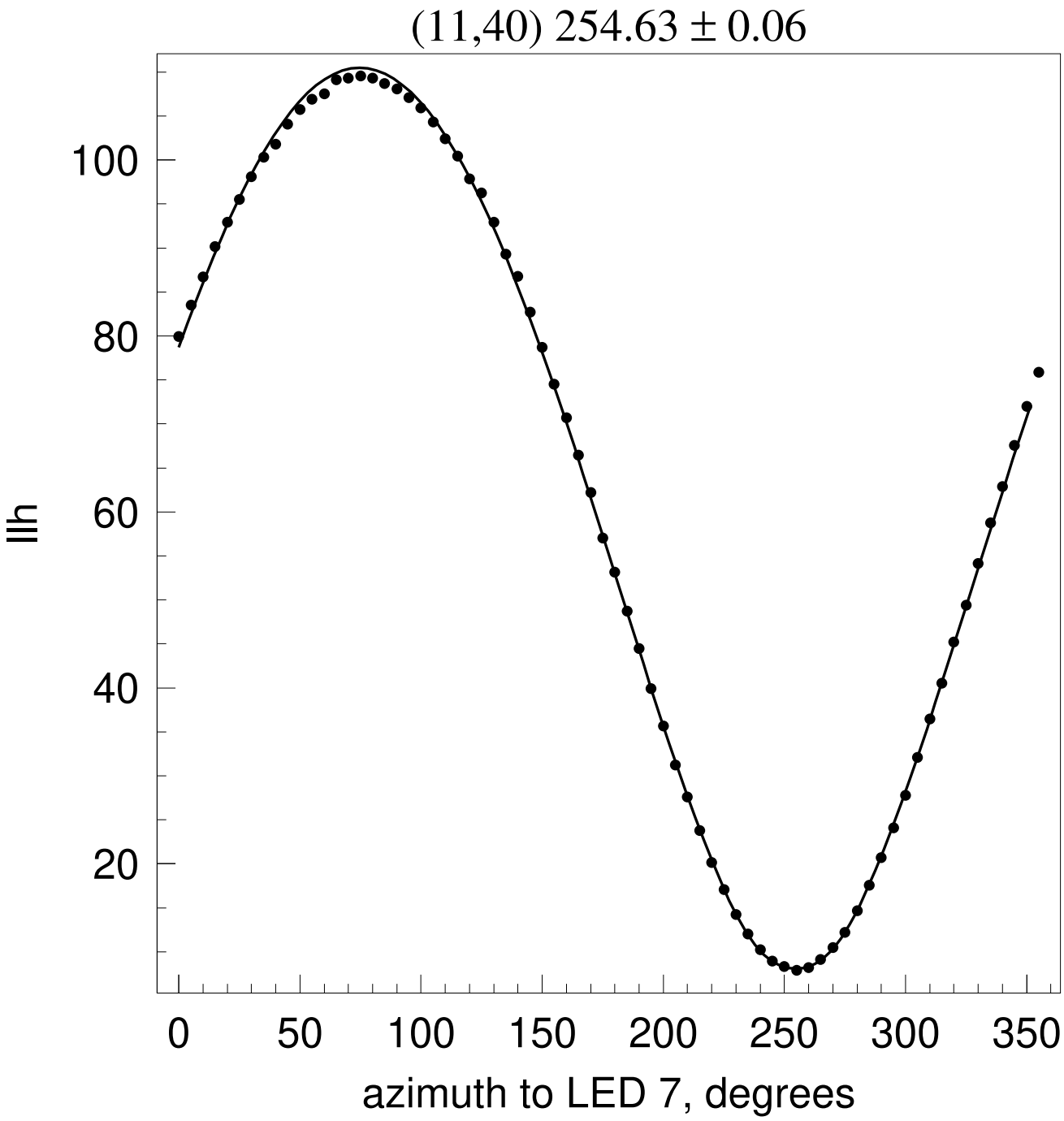

(11,35) 199.99 ± 1.09
llh
9
8.8
8.6
8.4
8.2
8
7.8
7.6
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

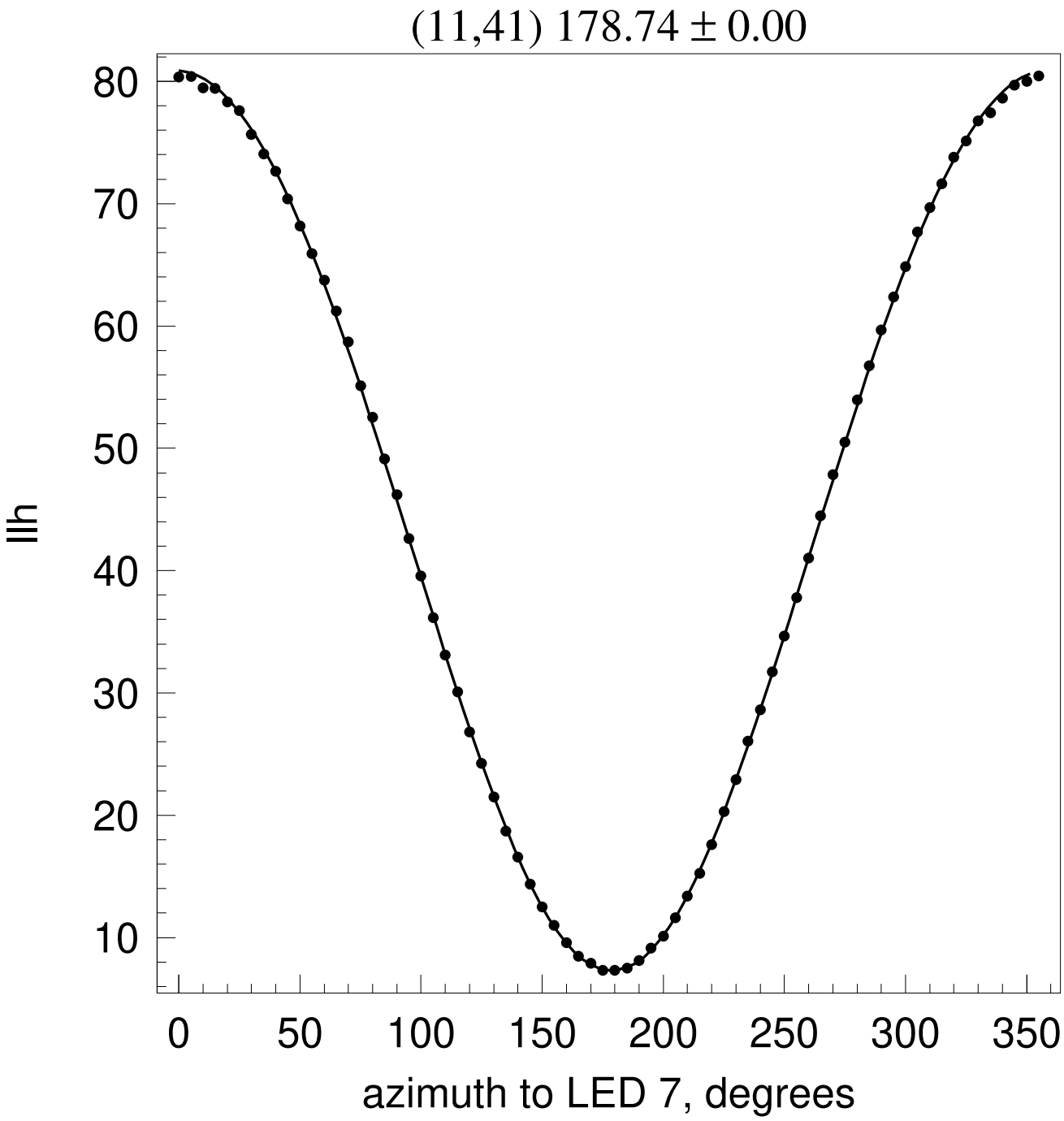

(11,36) 55.78 ± 0.00
11.8
11.6
11.4
11.2
11
10.8
10.6
10.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

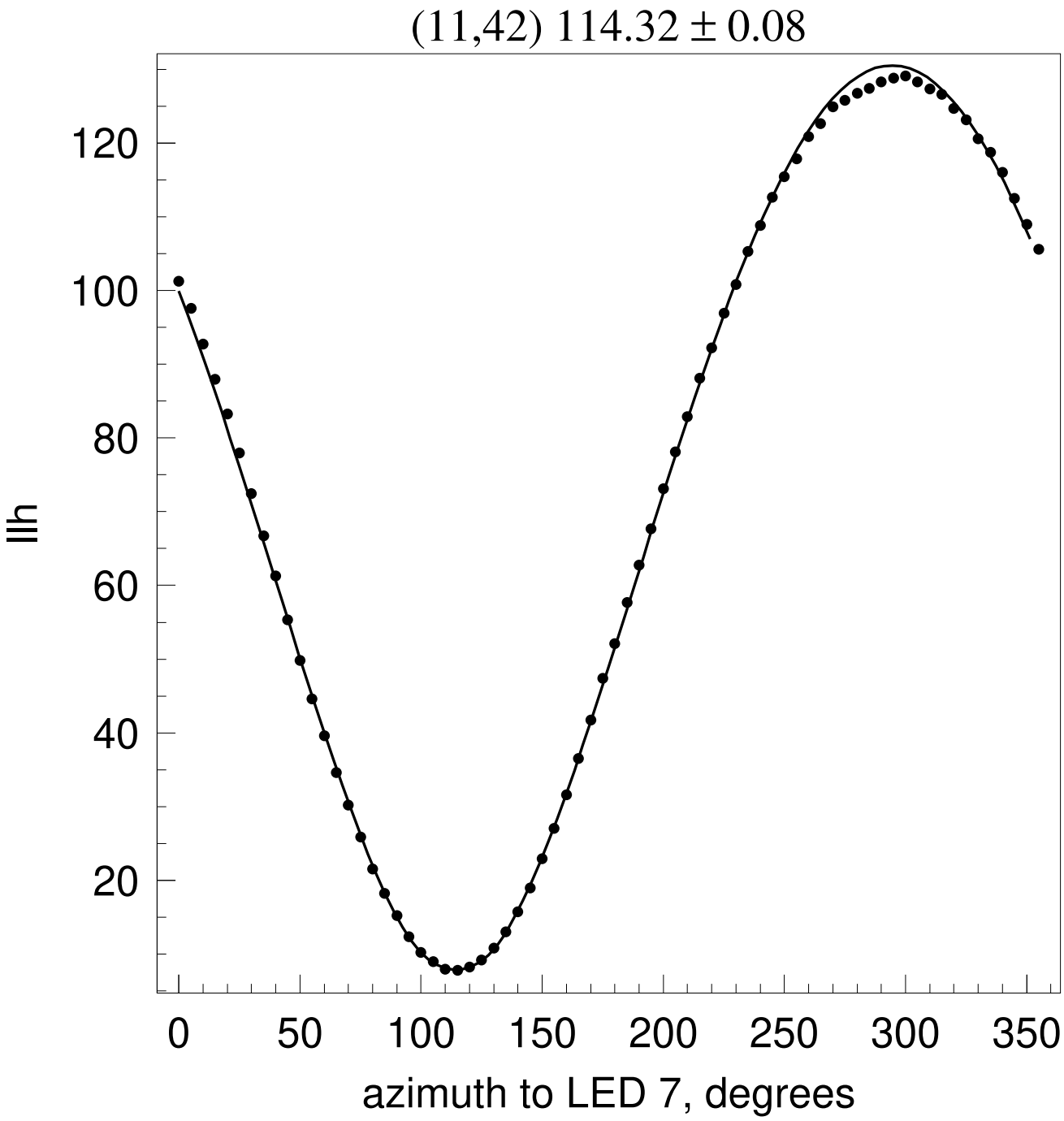

(11,37) 70.73 ± 8.75
llh
8.8
8.6
8.4
8.2
8
7.8
7.6
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

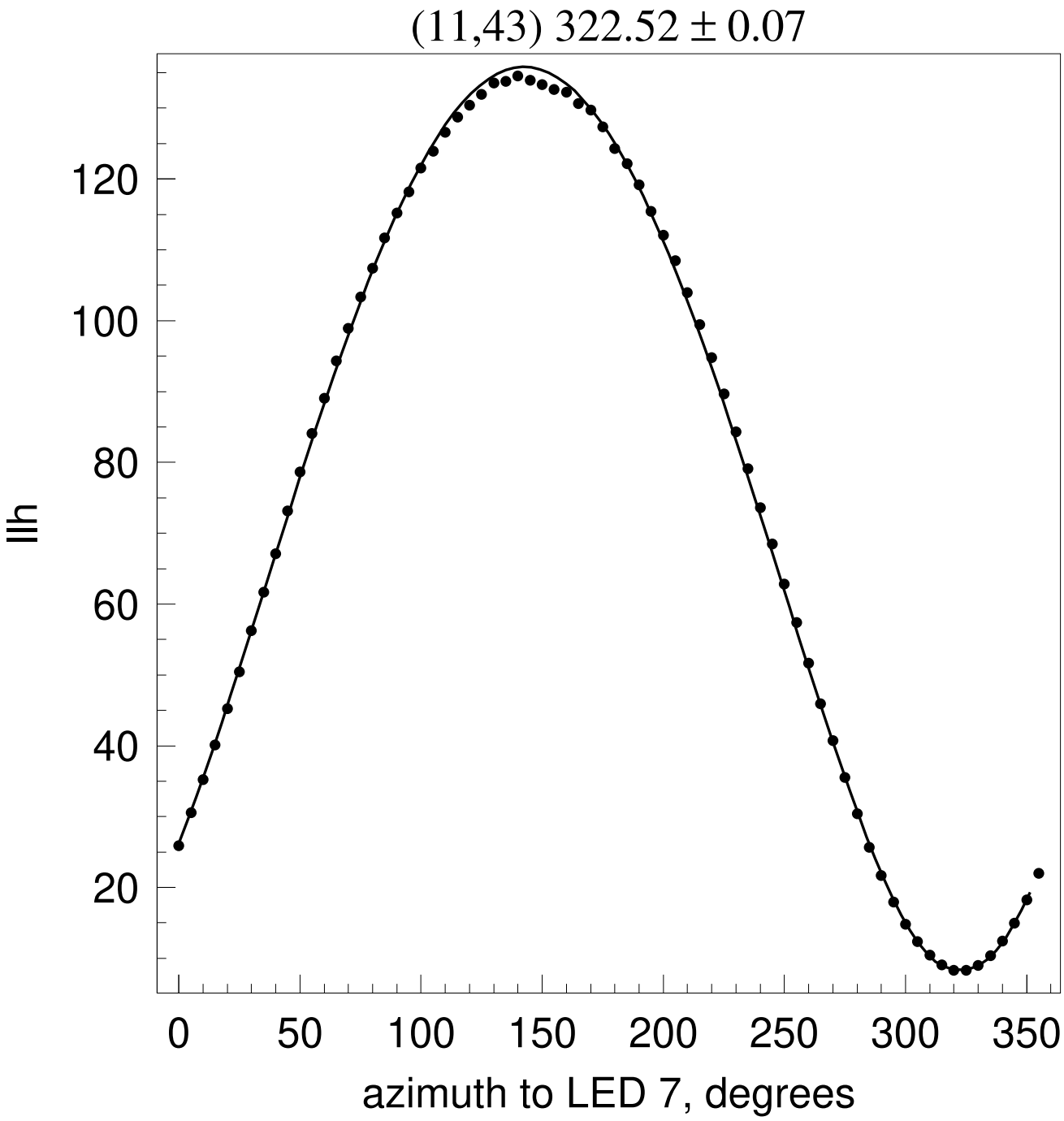

(11,38) 189.63 ± 0.36
15
14
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

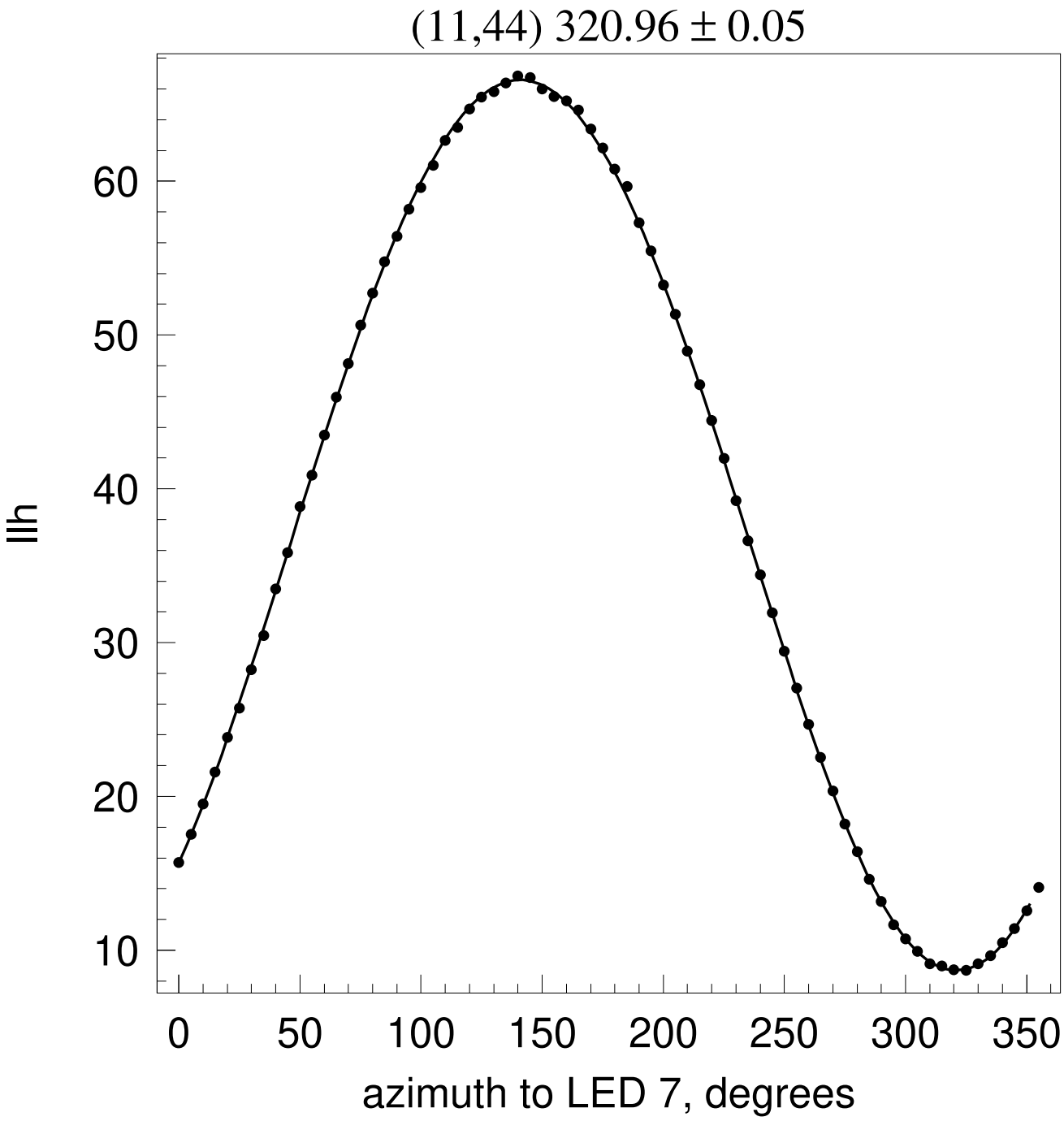

(11,39) 175.24 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

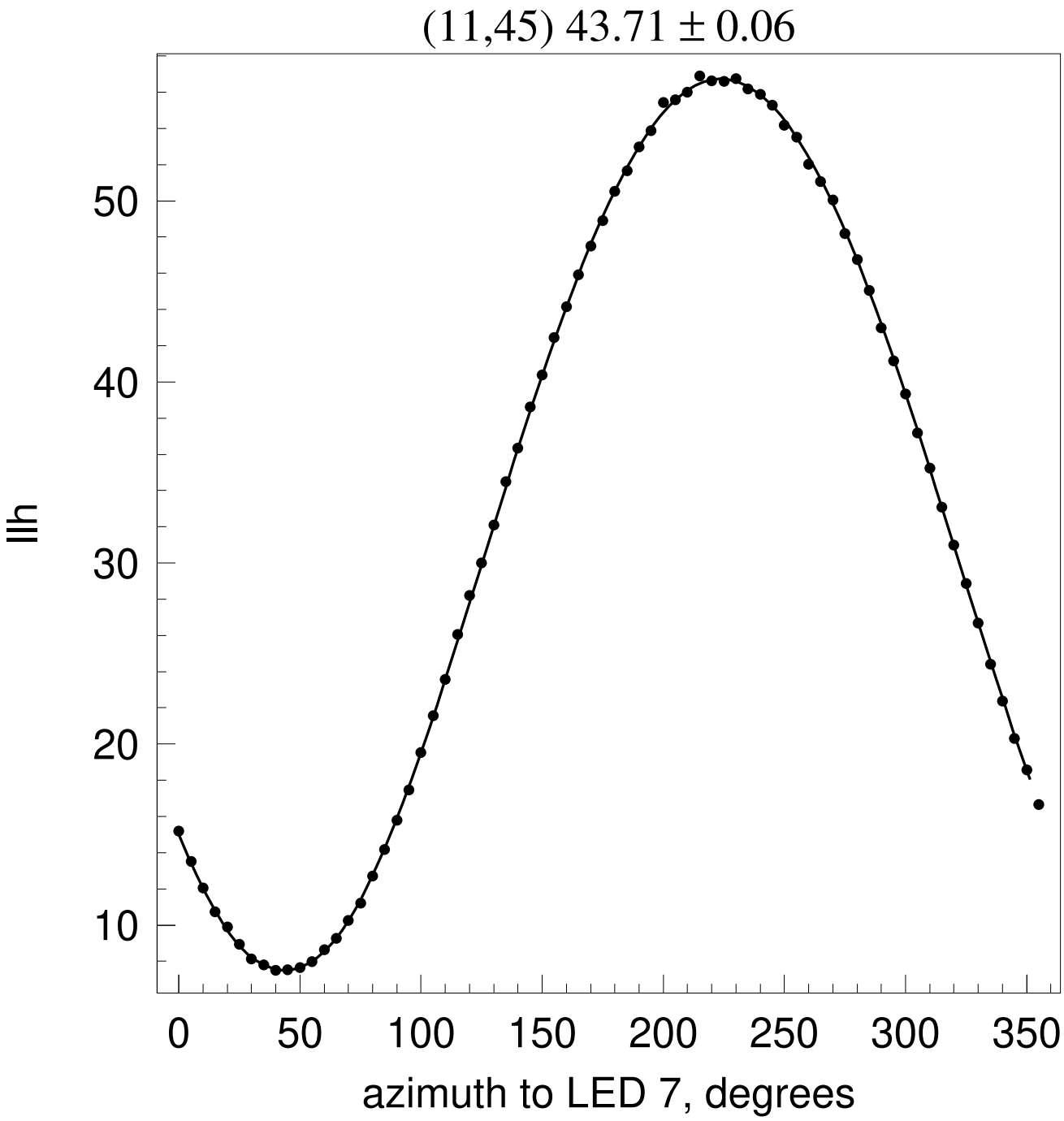

(11,40) 254.63 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

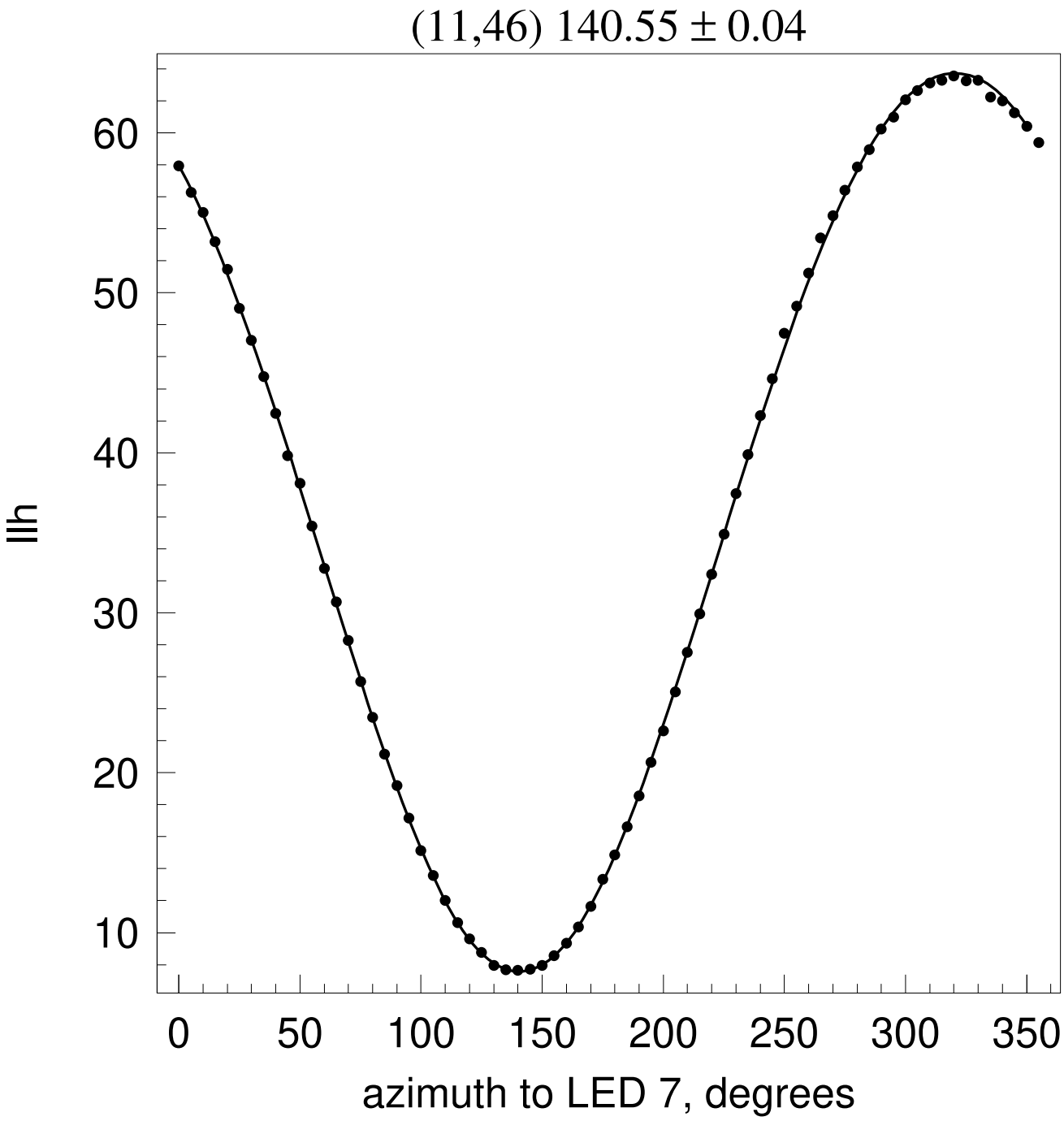

(11,41) 178.74 ± 0.00
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

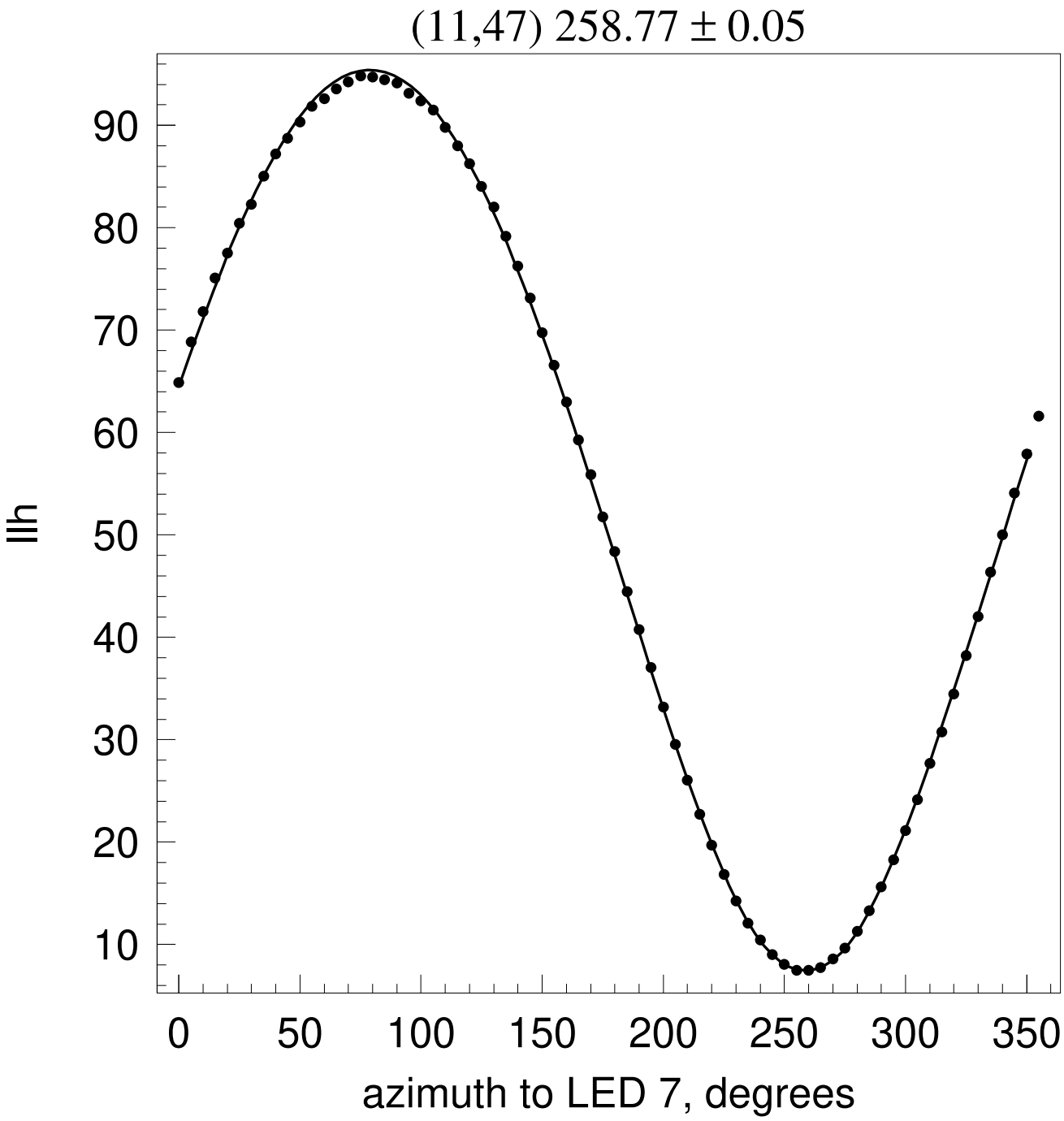

(11,42) 114.32 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

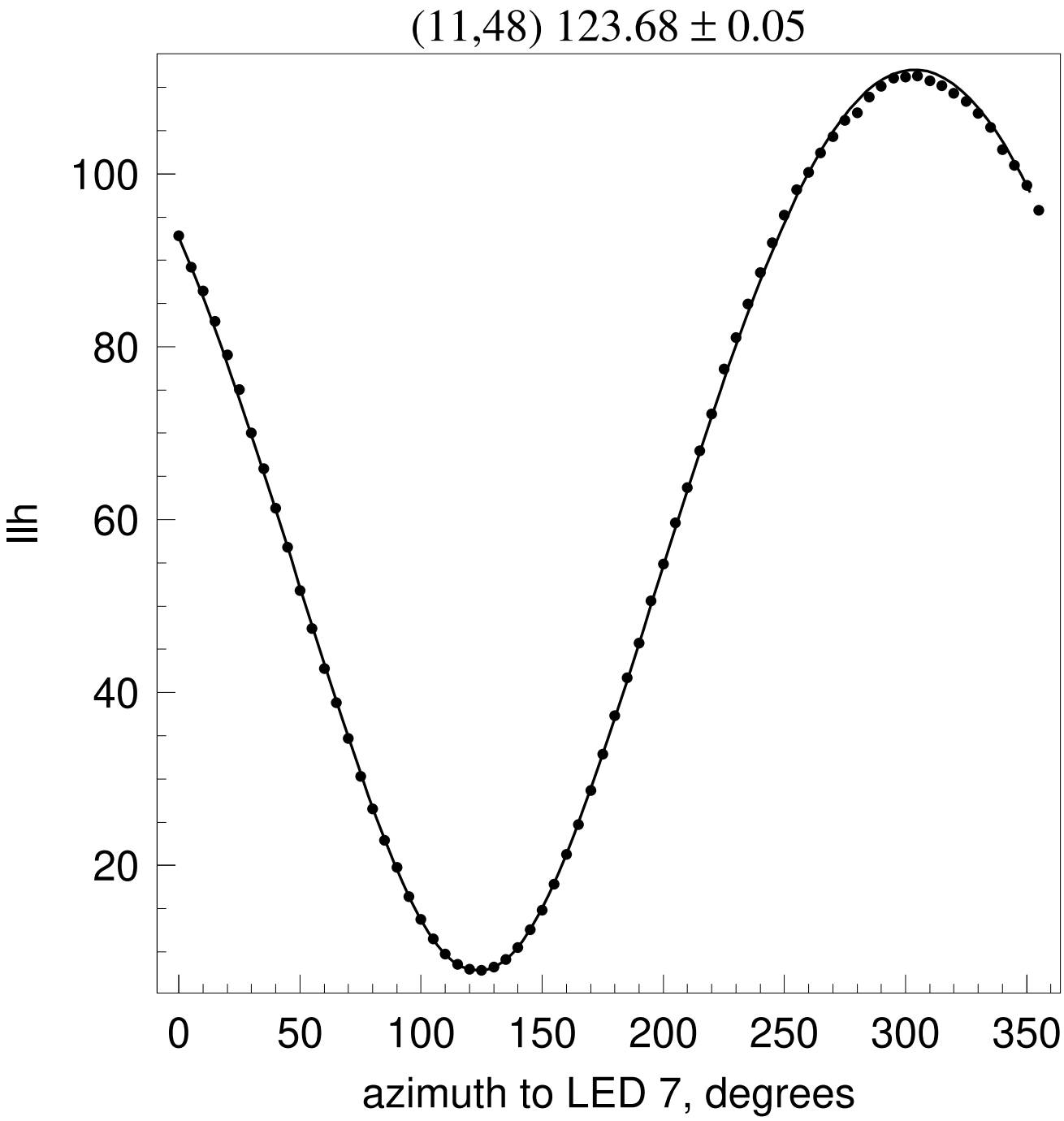

(11,43) 322.52 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

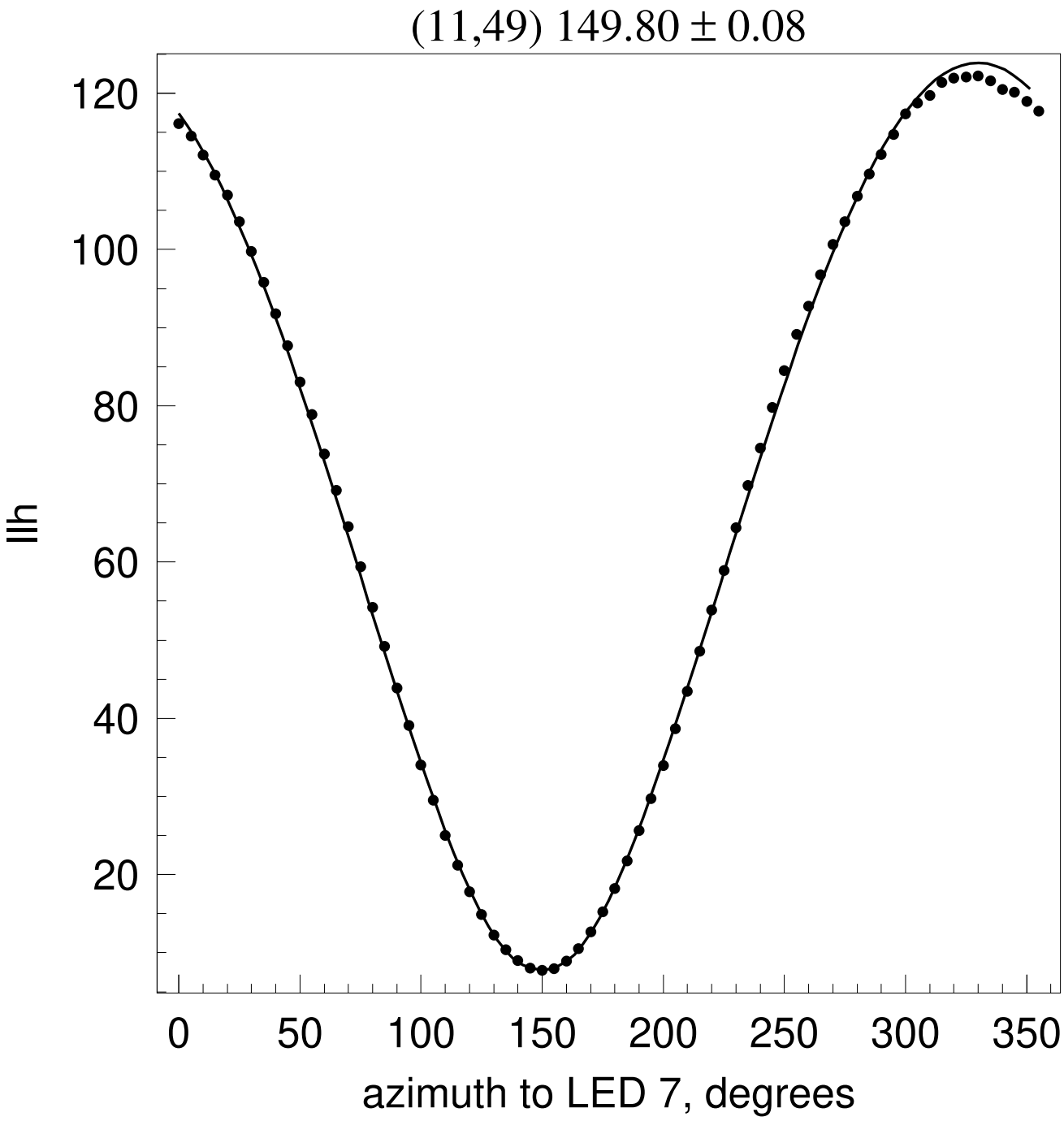

(11,44) 320.96 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

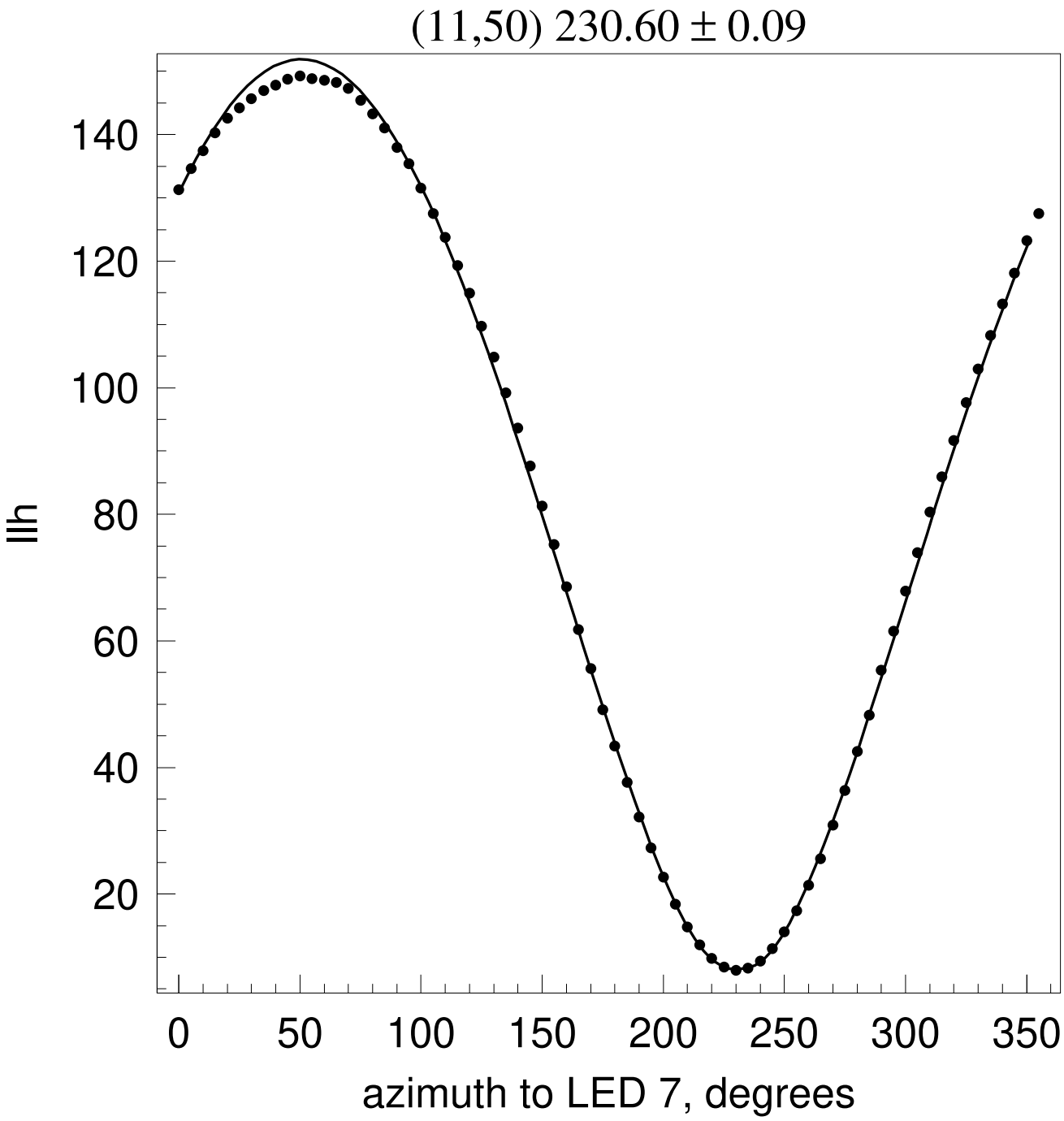

(11,45) 43.71 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

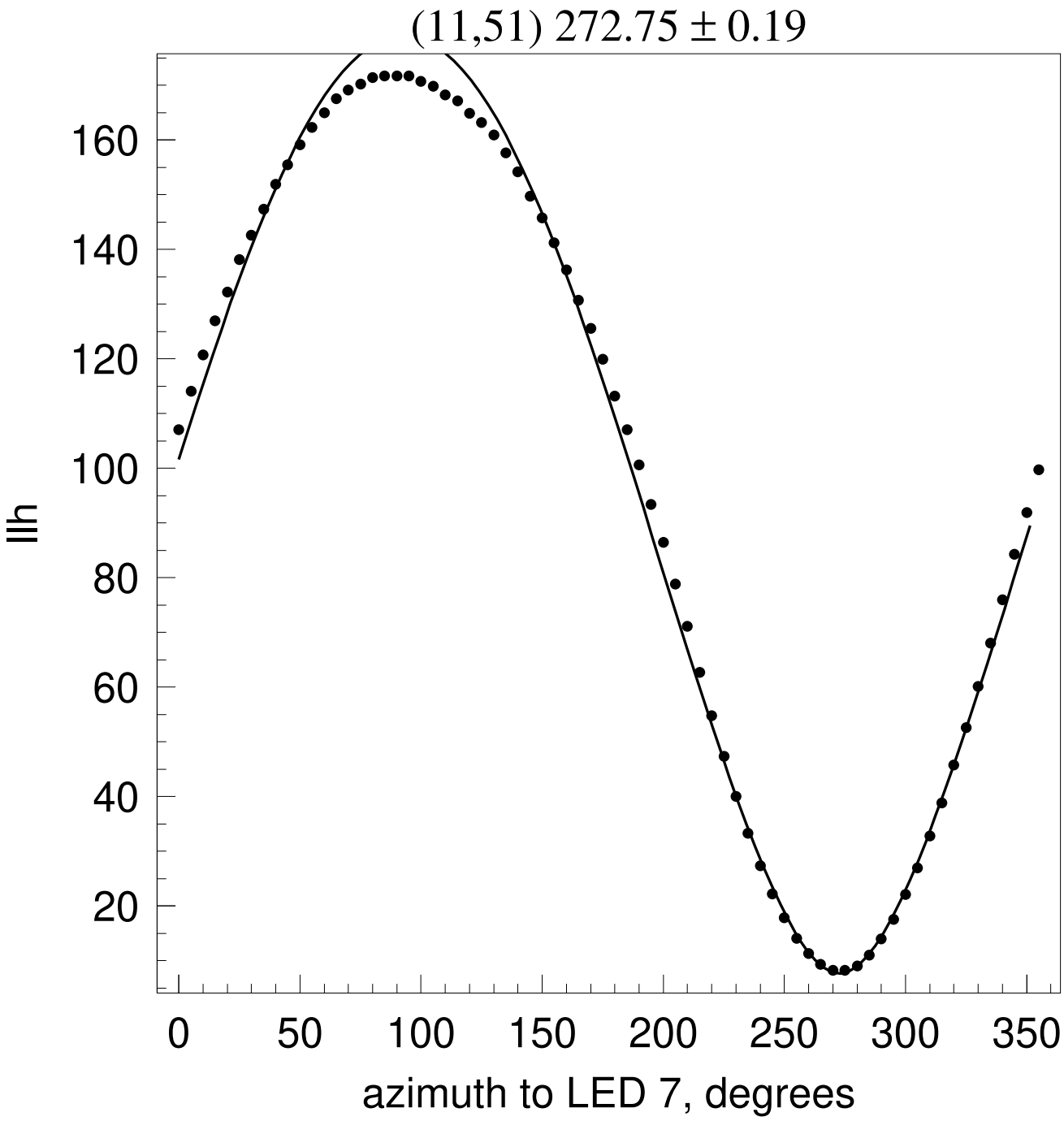

(11,46) 140.55 ± 0.04
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

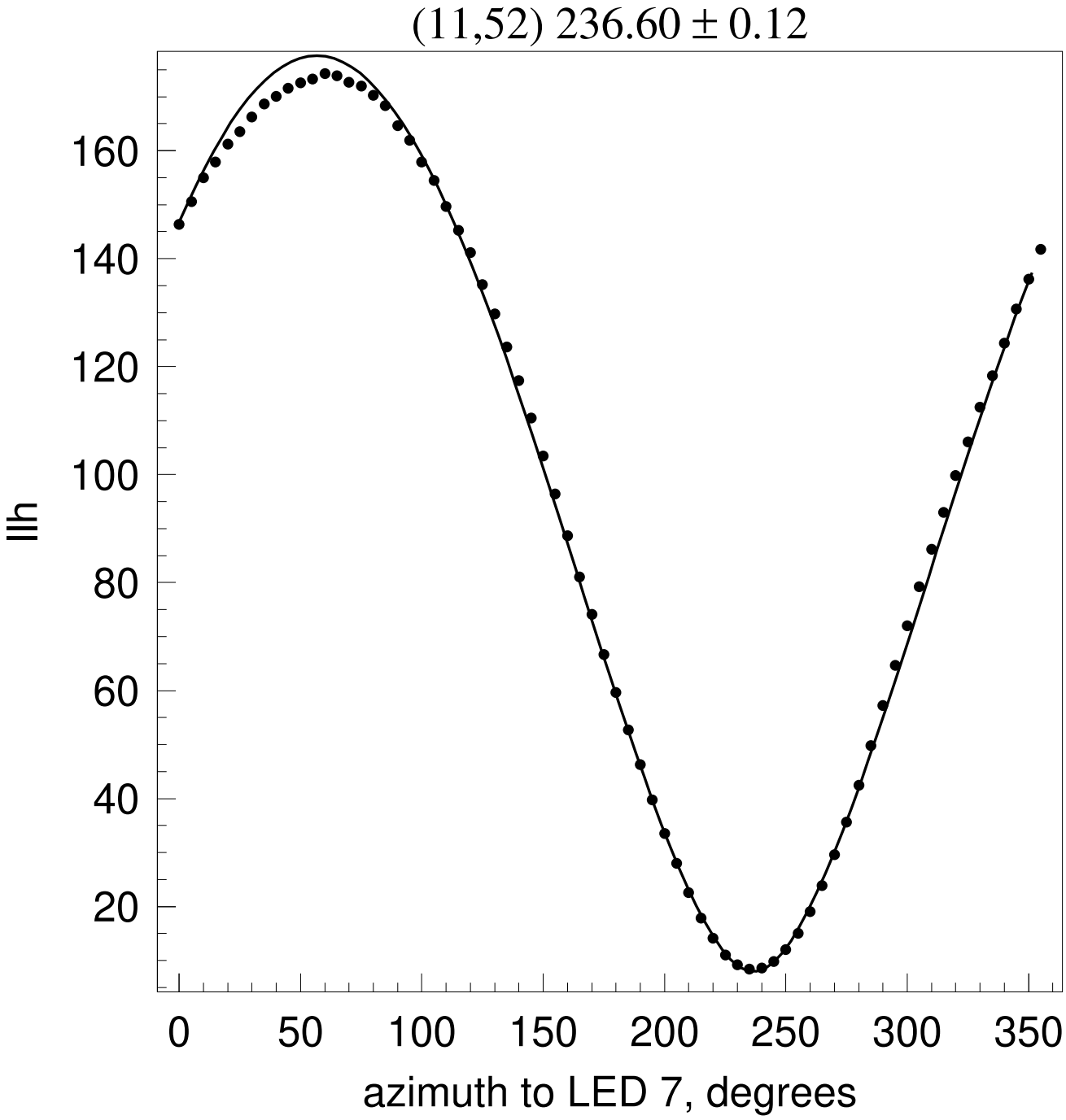

(11,47) 258.77 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

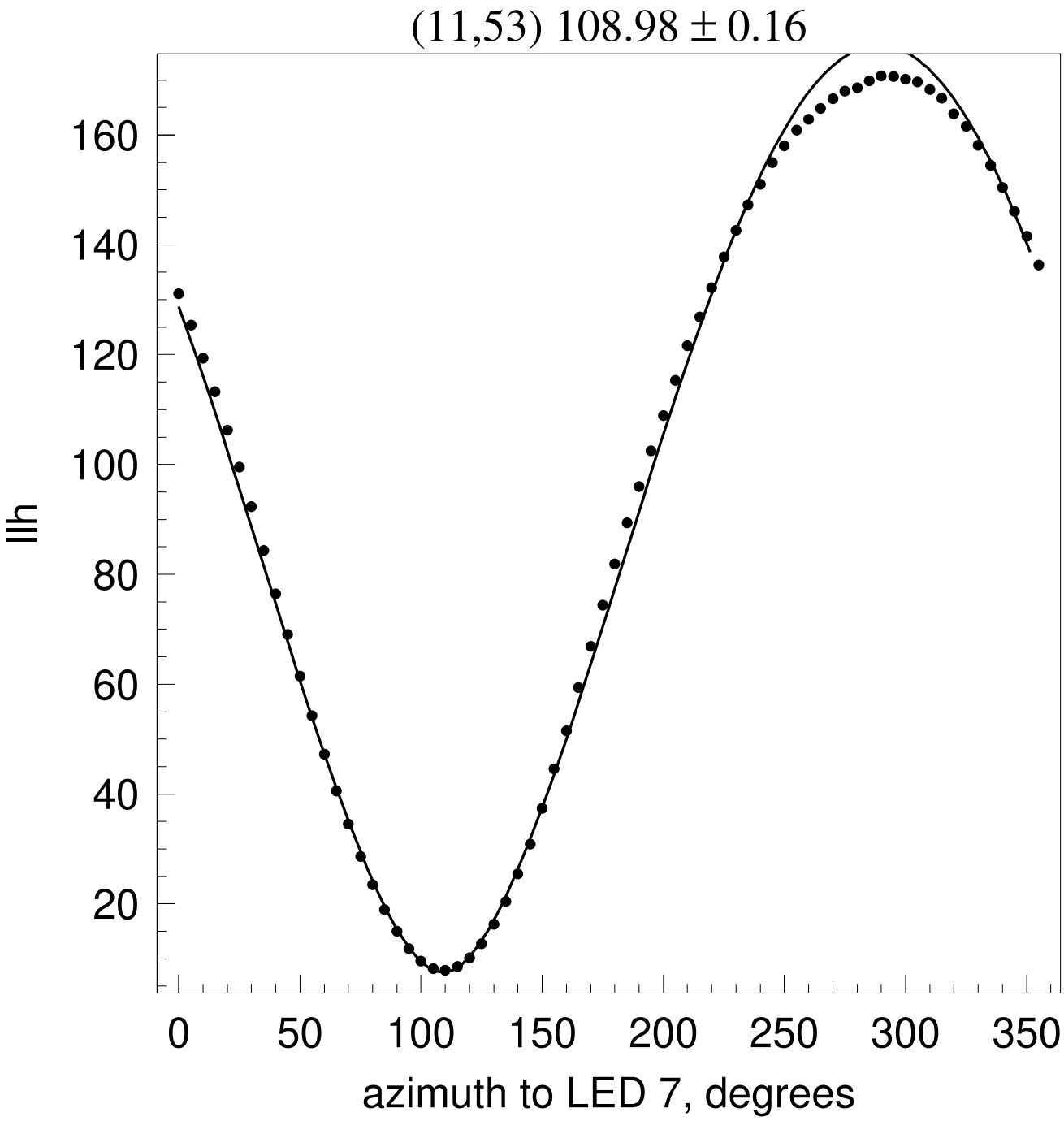

(11,48) 123.68 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

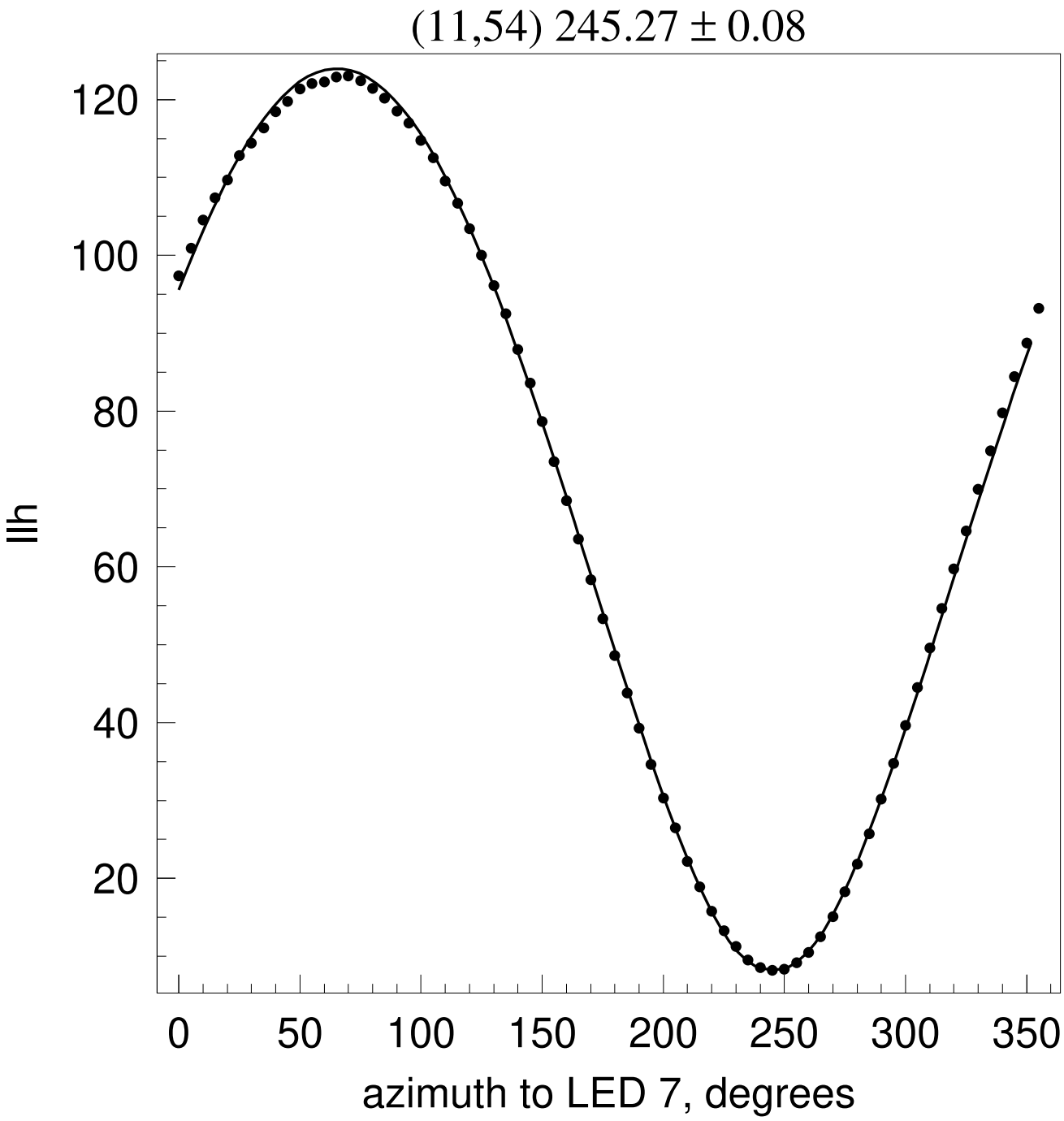

(11,49) 149.80 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

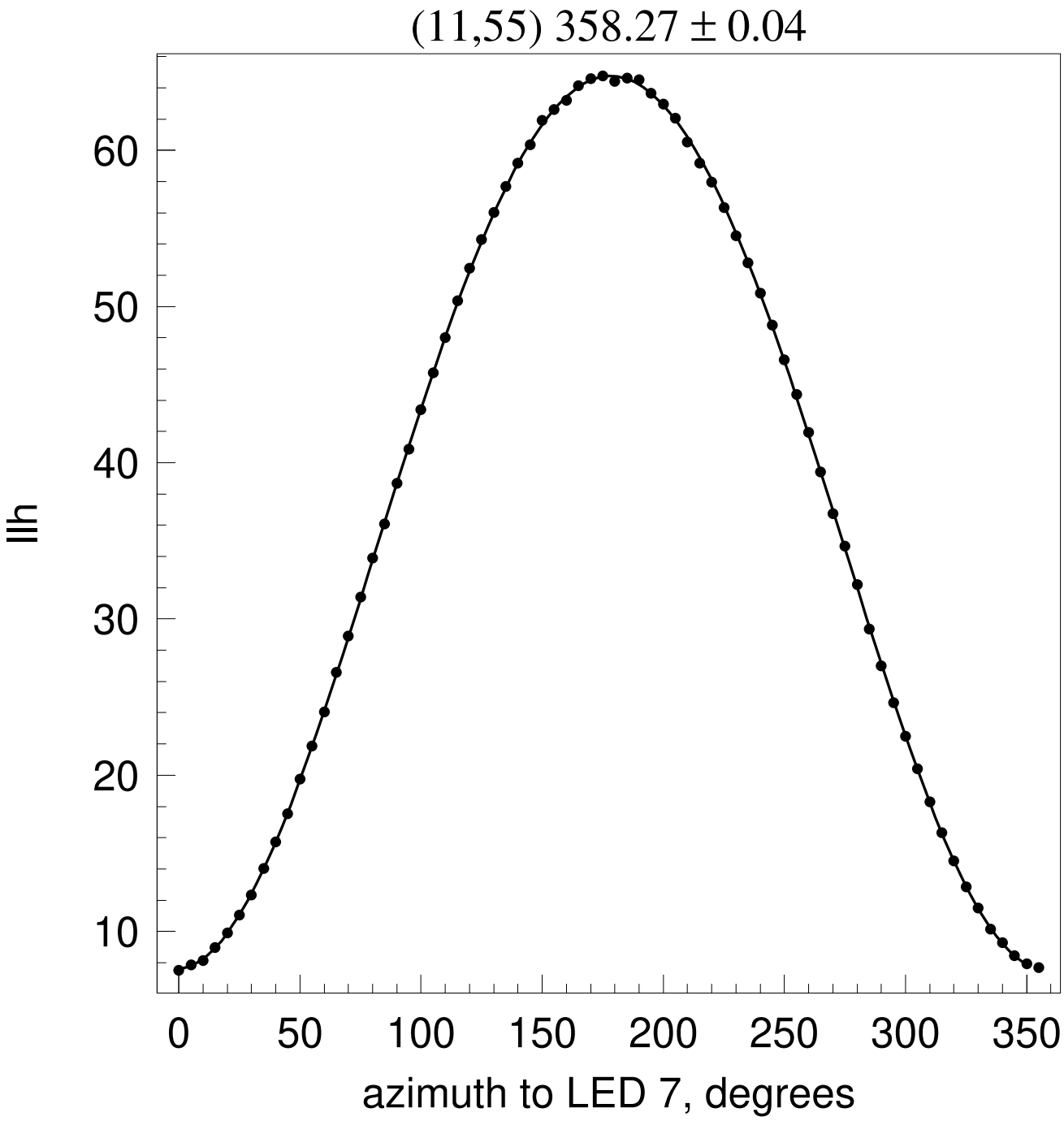

(11,50) 230.60 ± 0.09
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

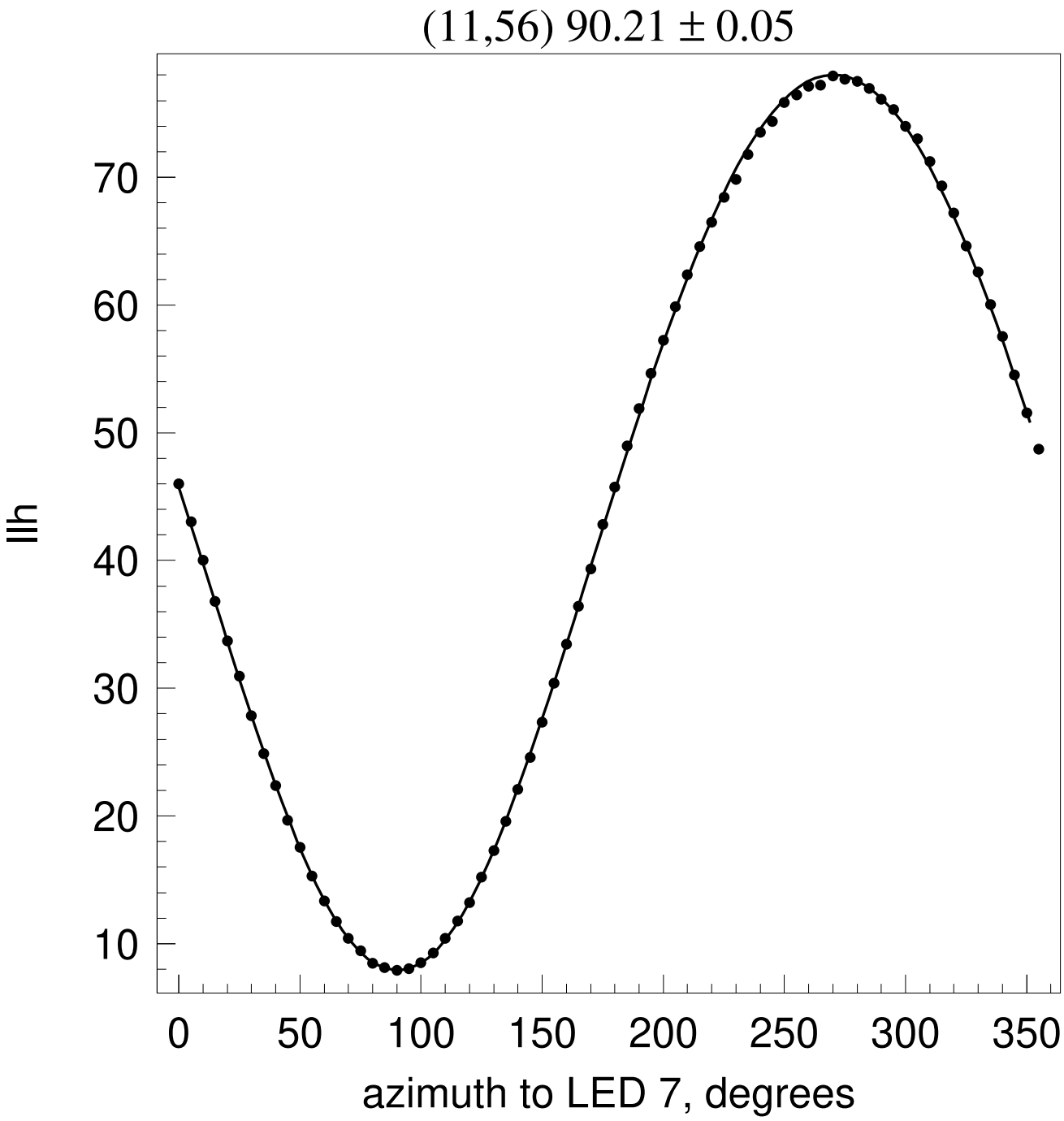

(11,51) 272.75 ± 0.19
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

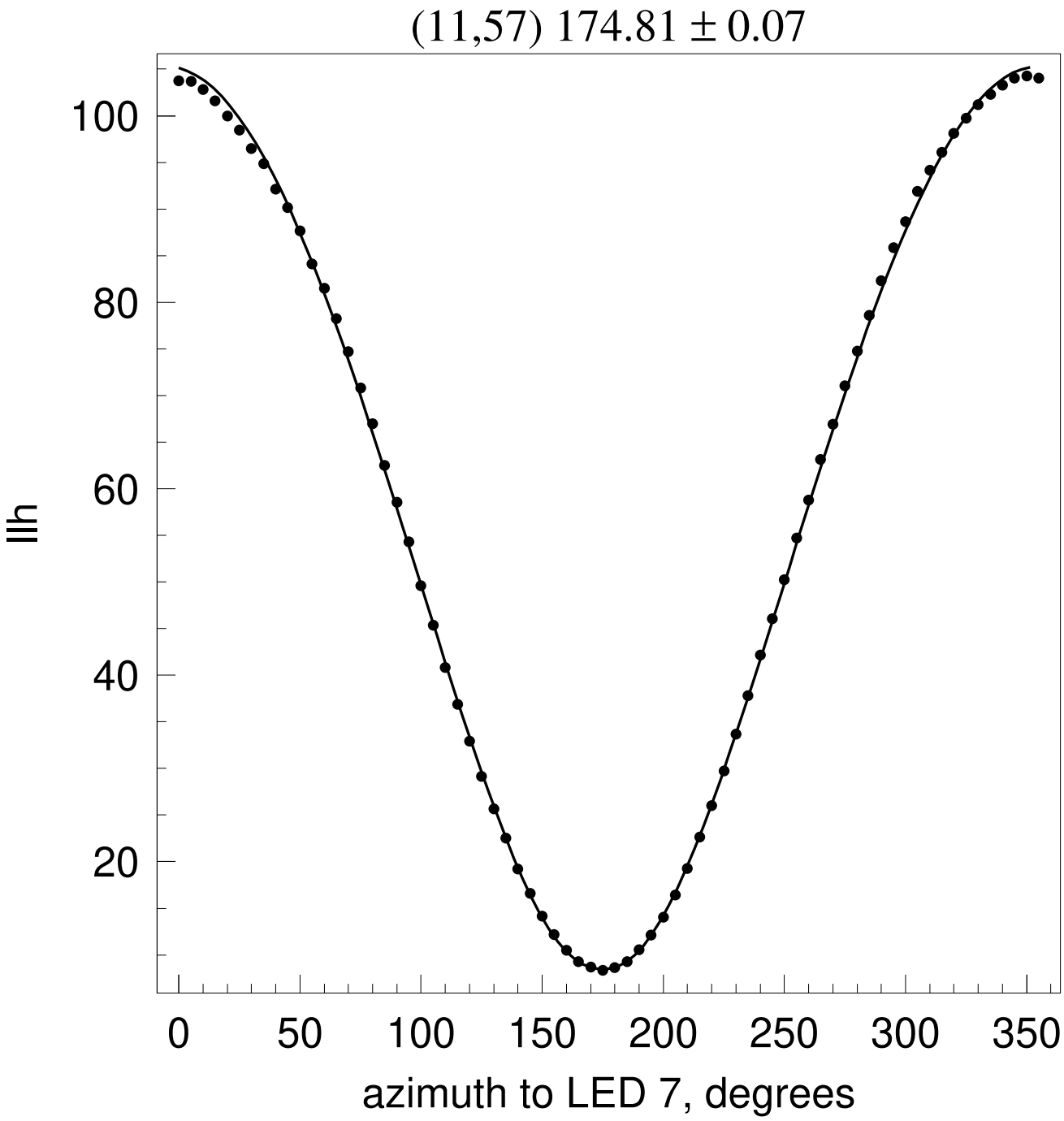

(11,52) 236.60 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

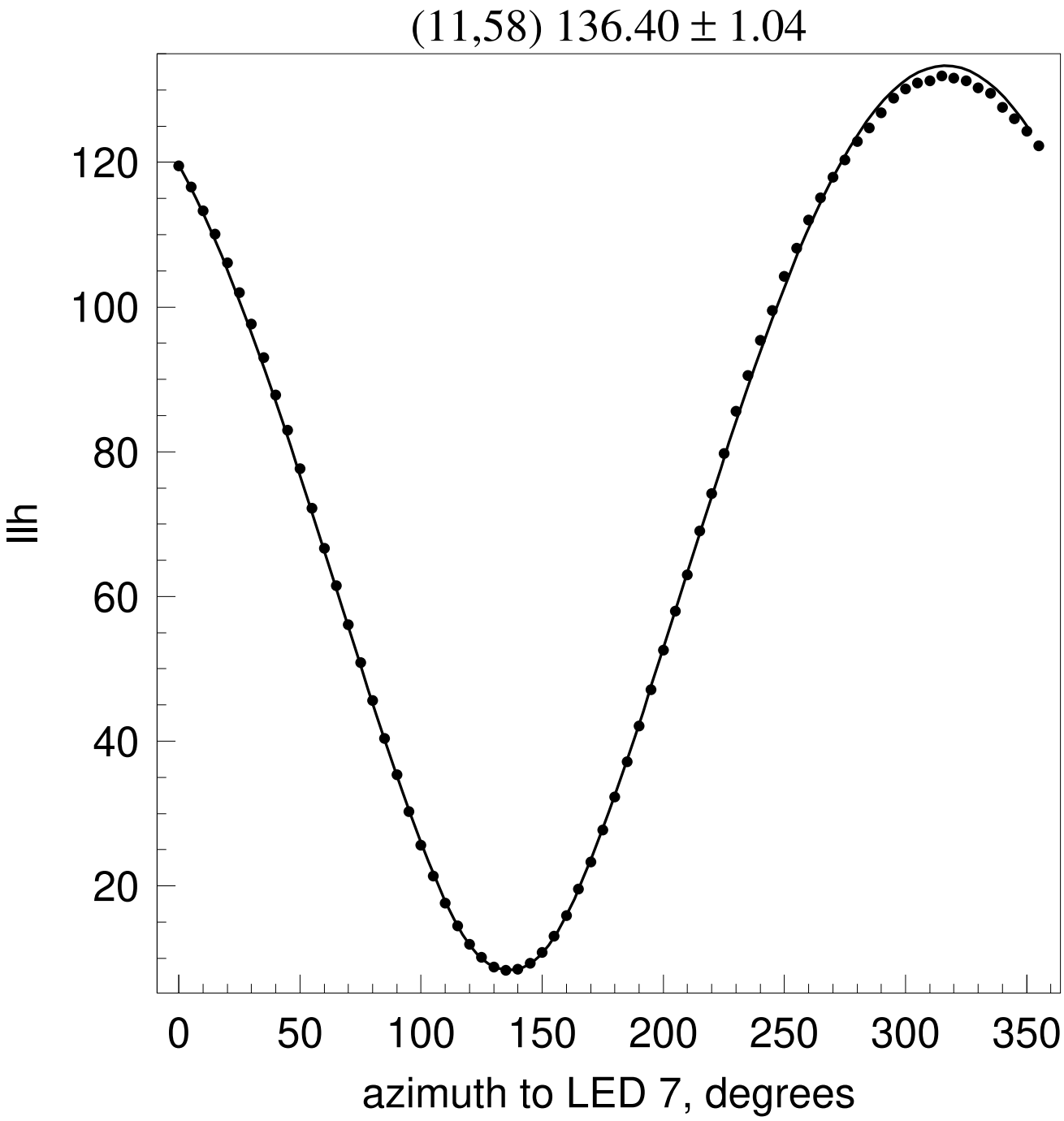

(11,53) 108.98 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

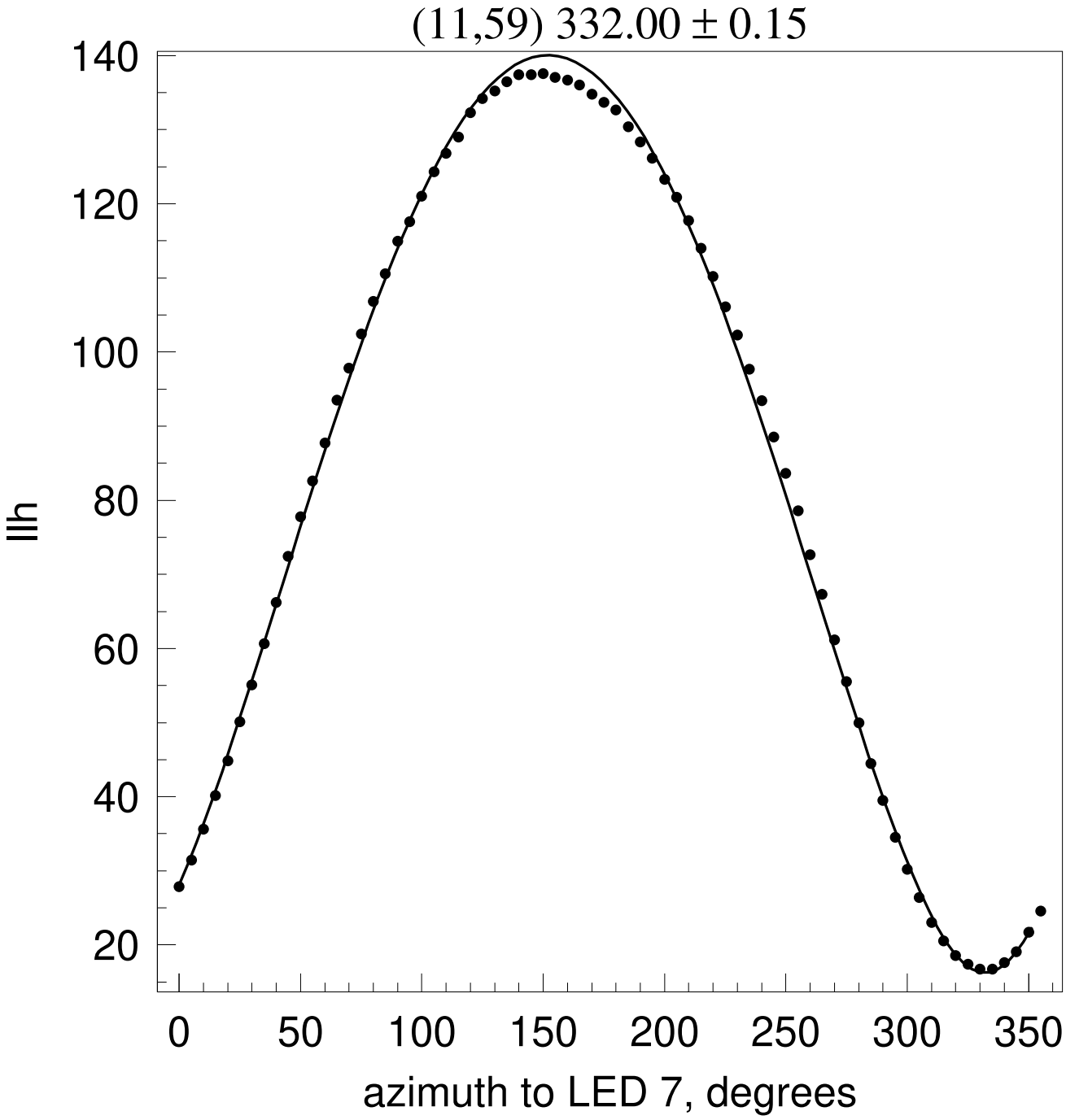

(11,54) 245.27 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

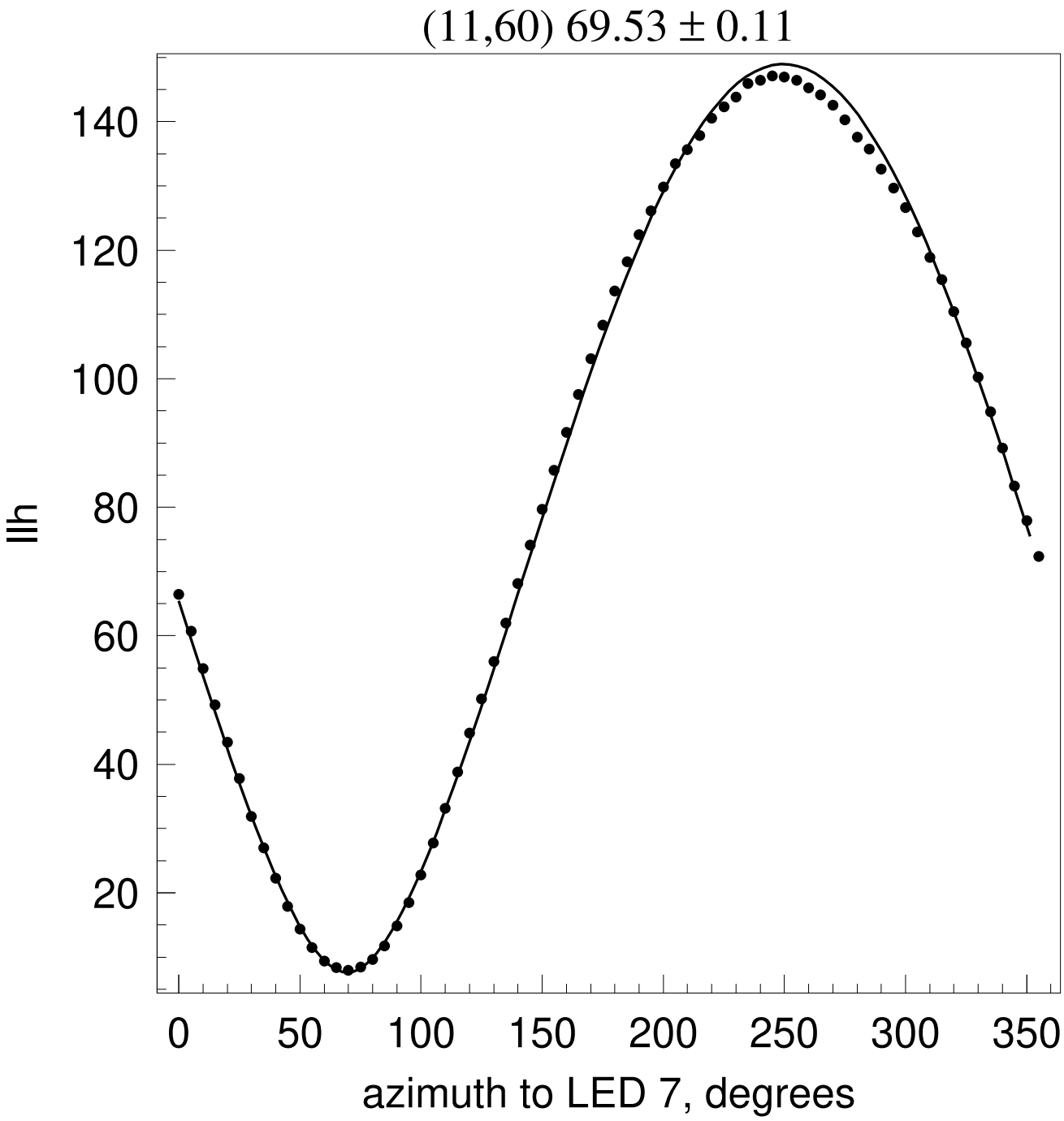

(11,55) 358.27 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

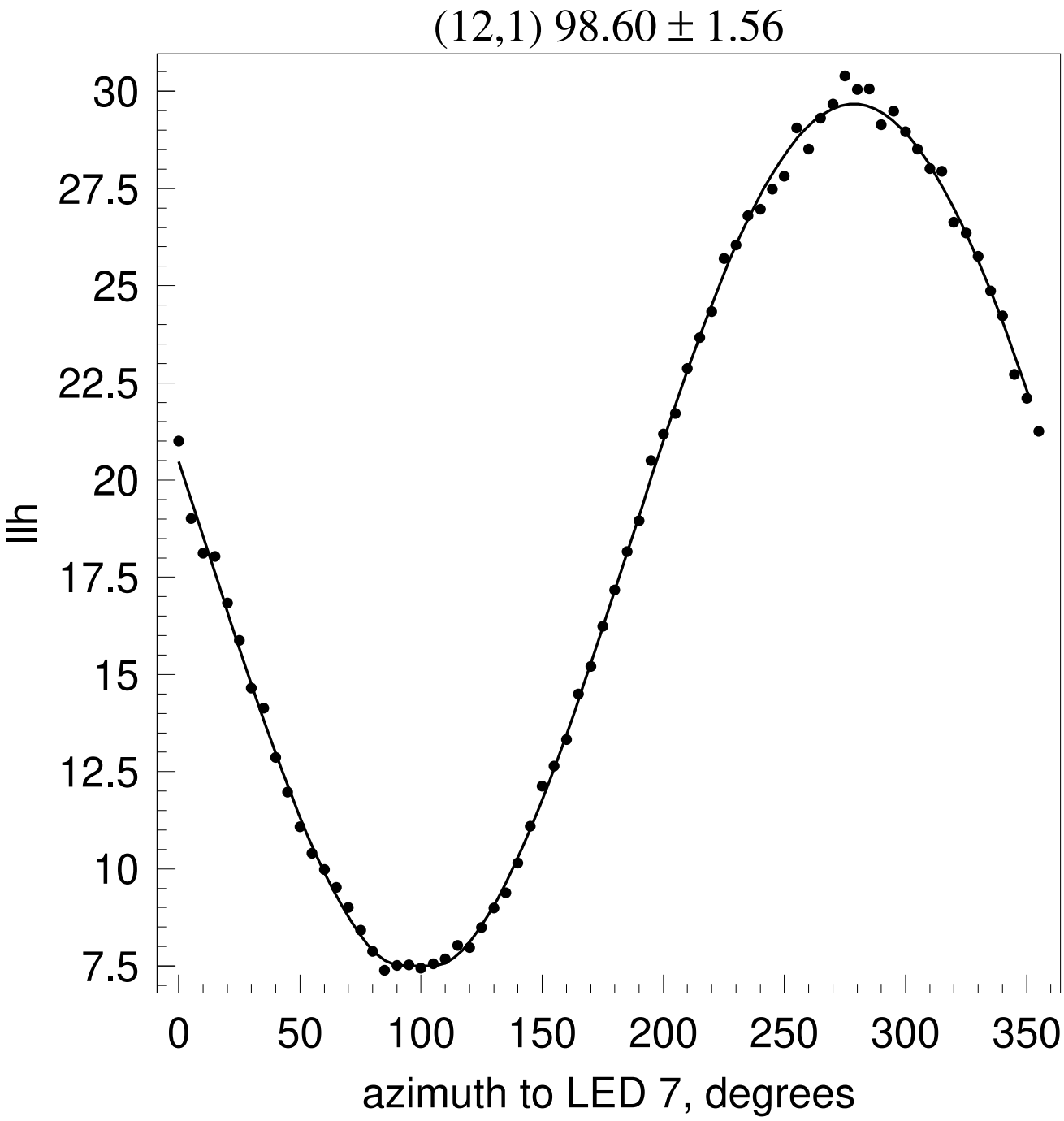

(11,56) 90.21 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

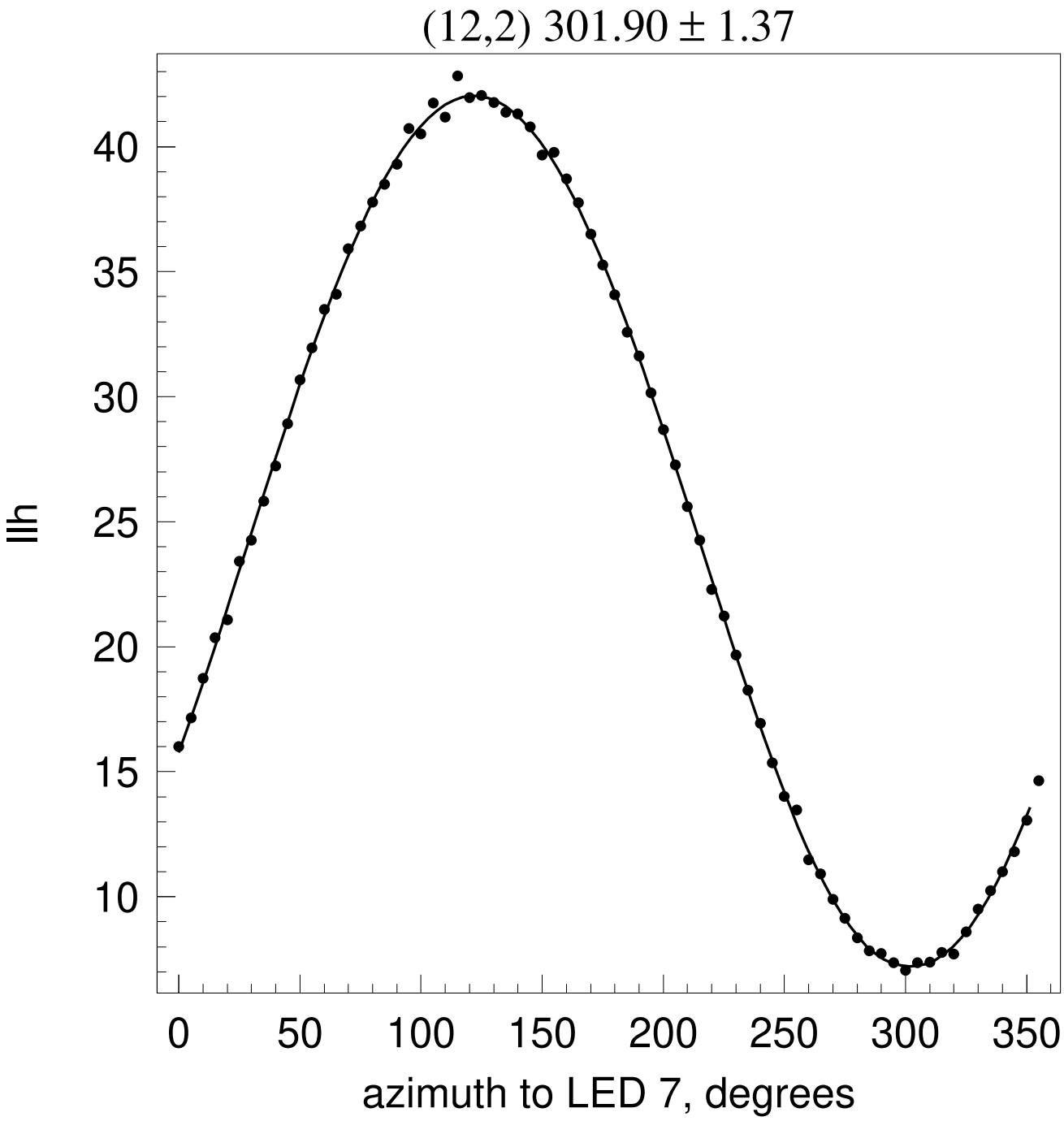

(11,57) 174.81 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

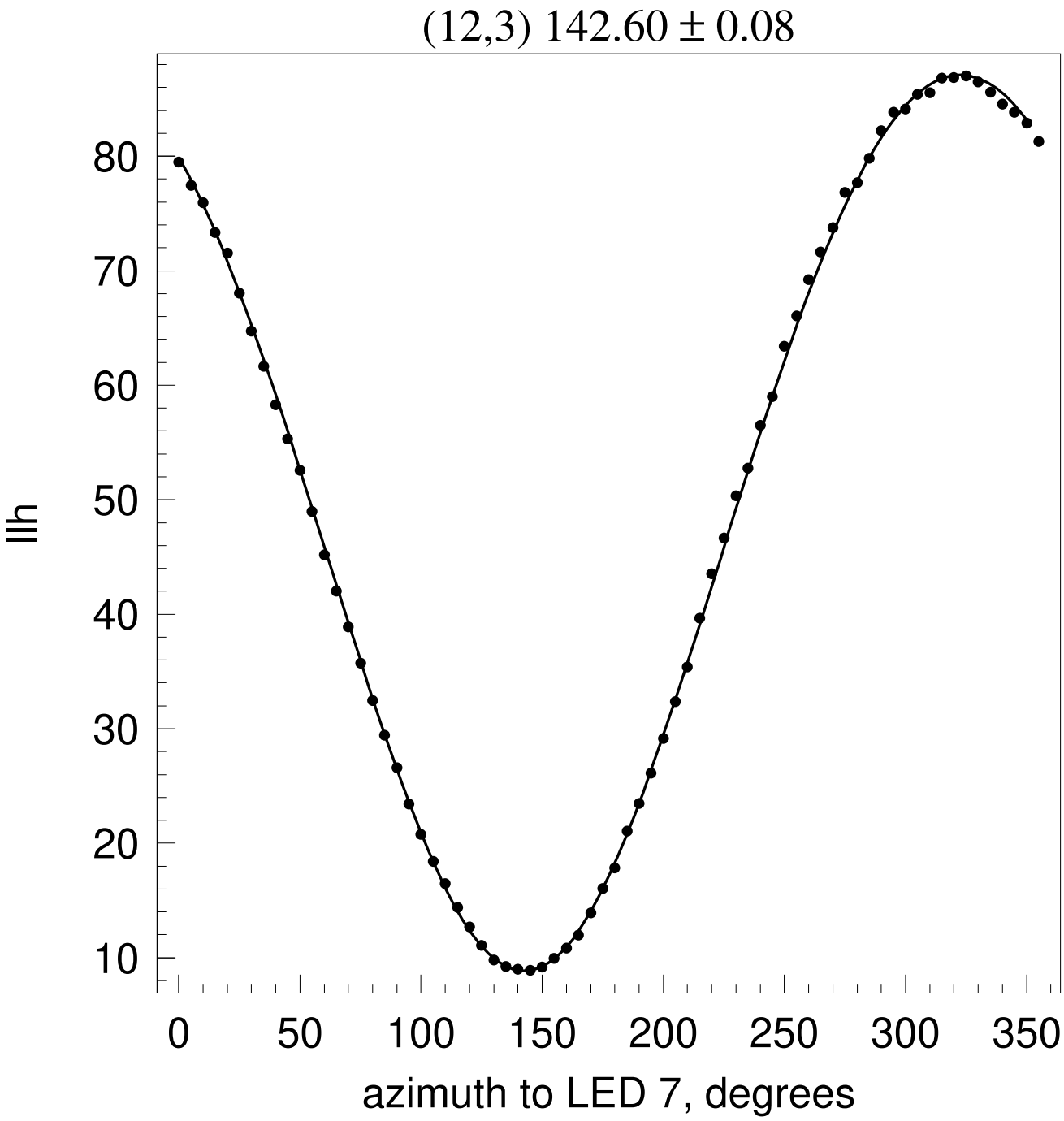

(11,58) 136.40 ± 1.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

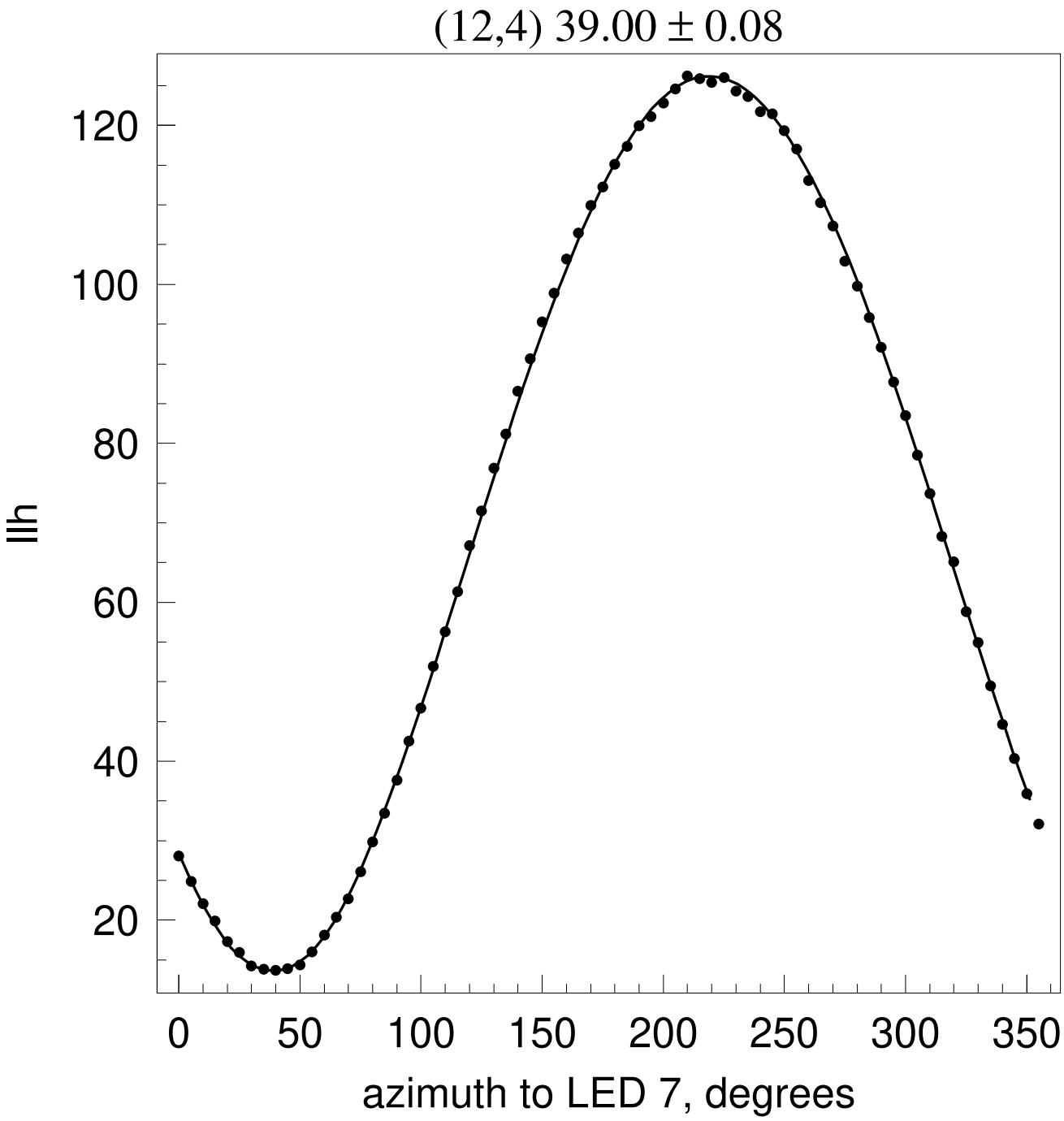

(11,59) 332.00 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

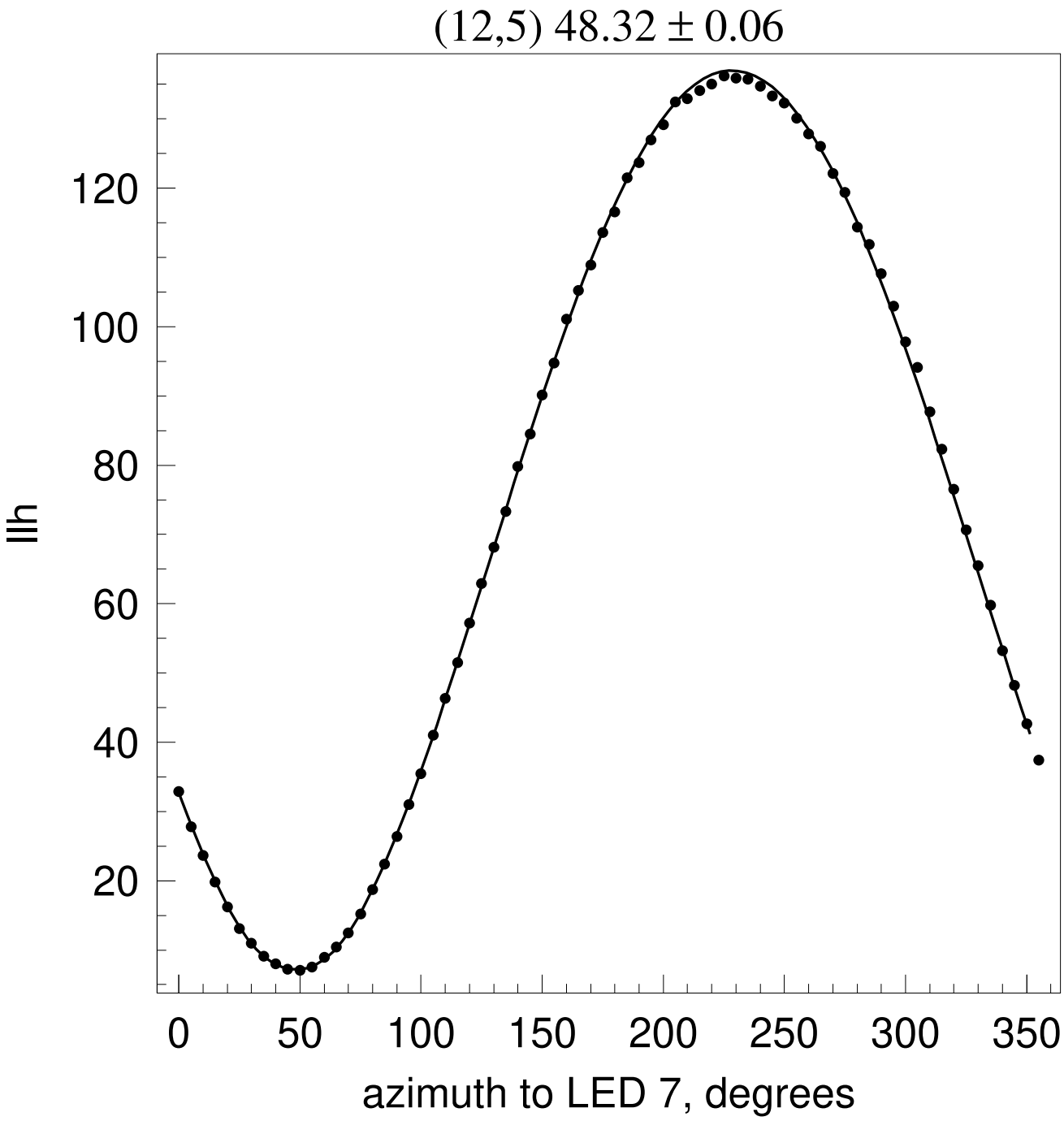

(11,60) 69.53 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

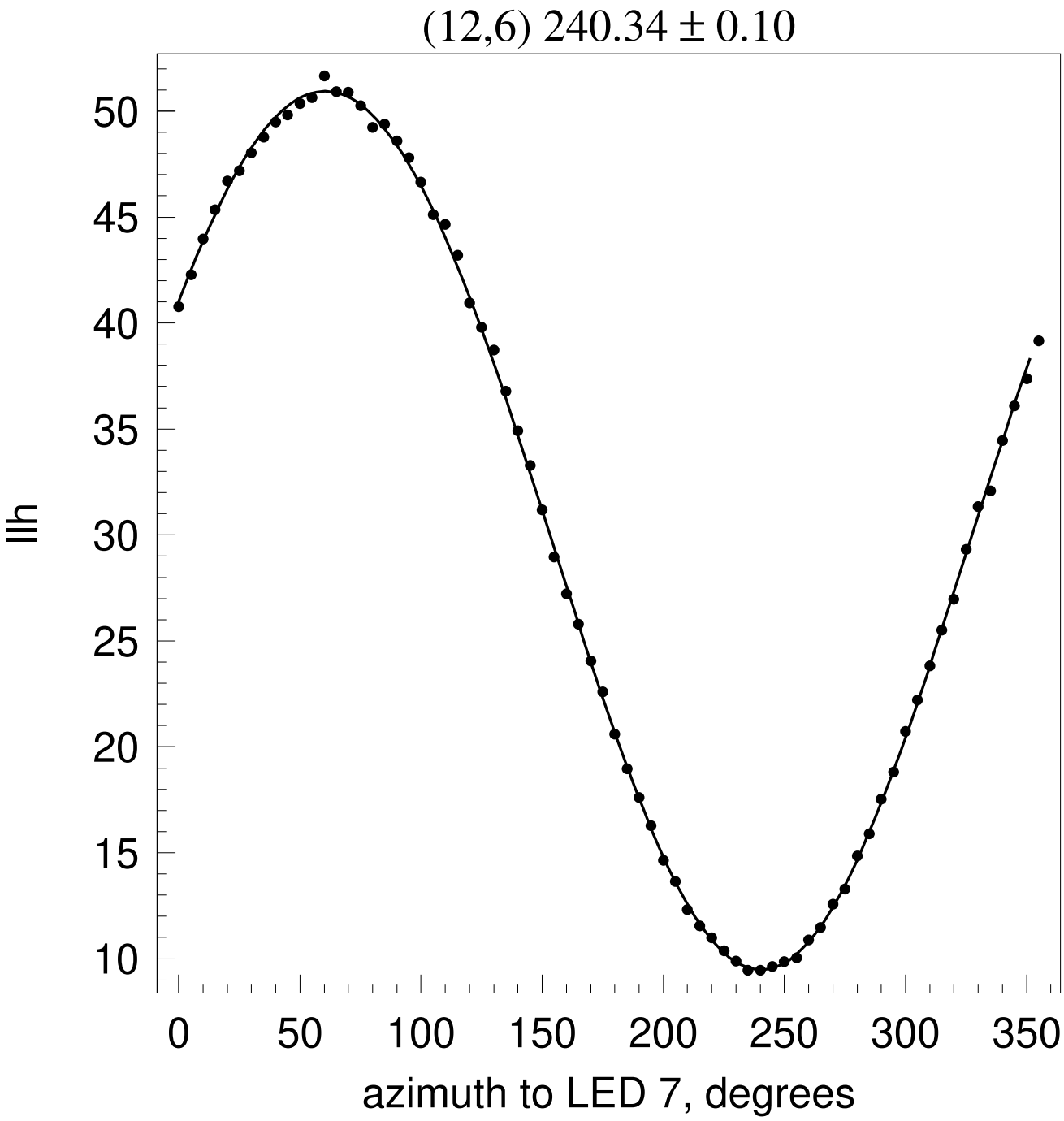

(12,1) 98.60 ± 1.56
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

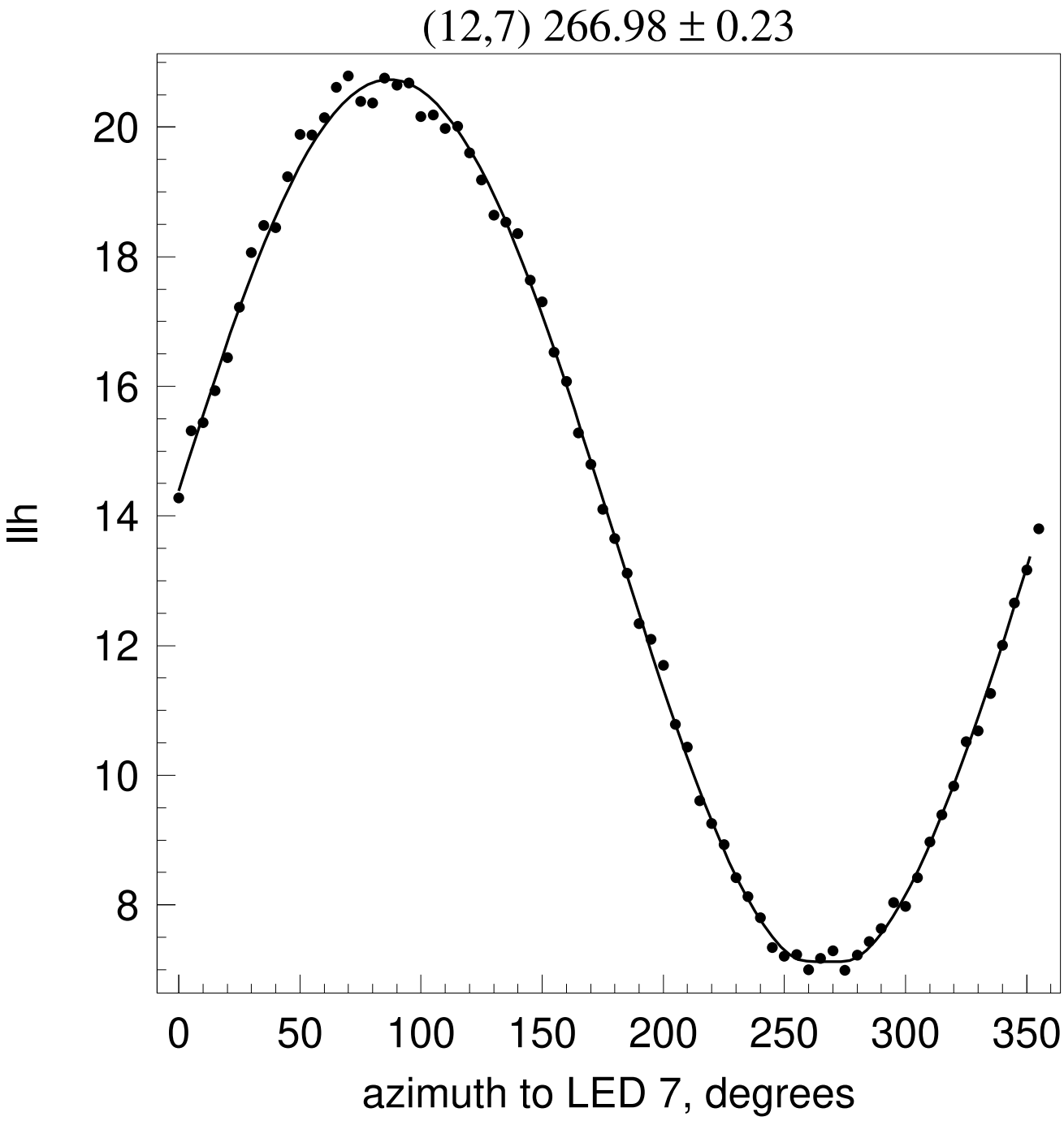

(12,2) 301.90 ± 1.37
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

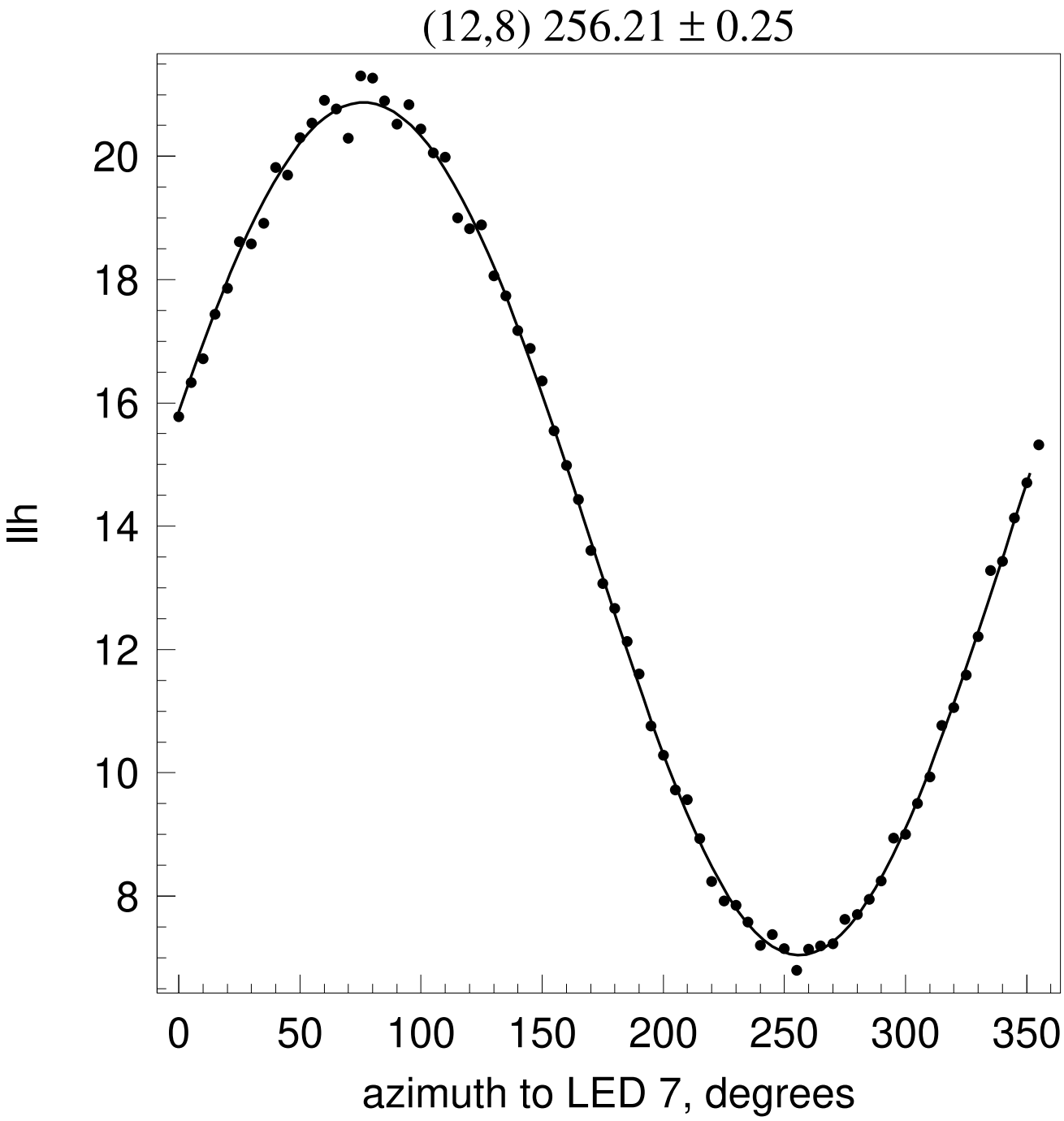

(12,3) 142.60 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

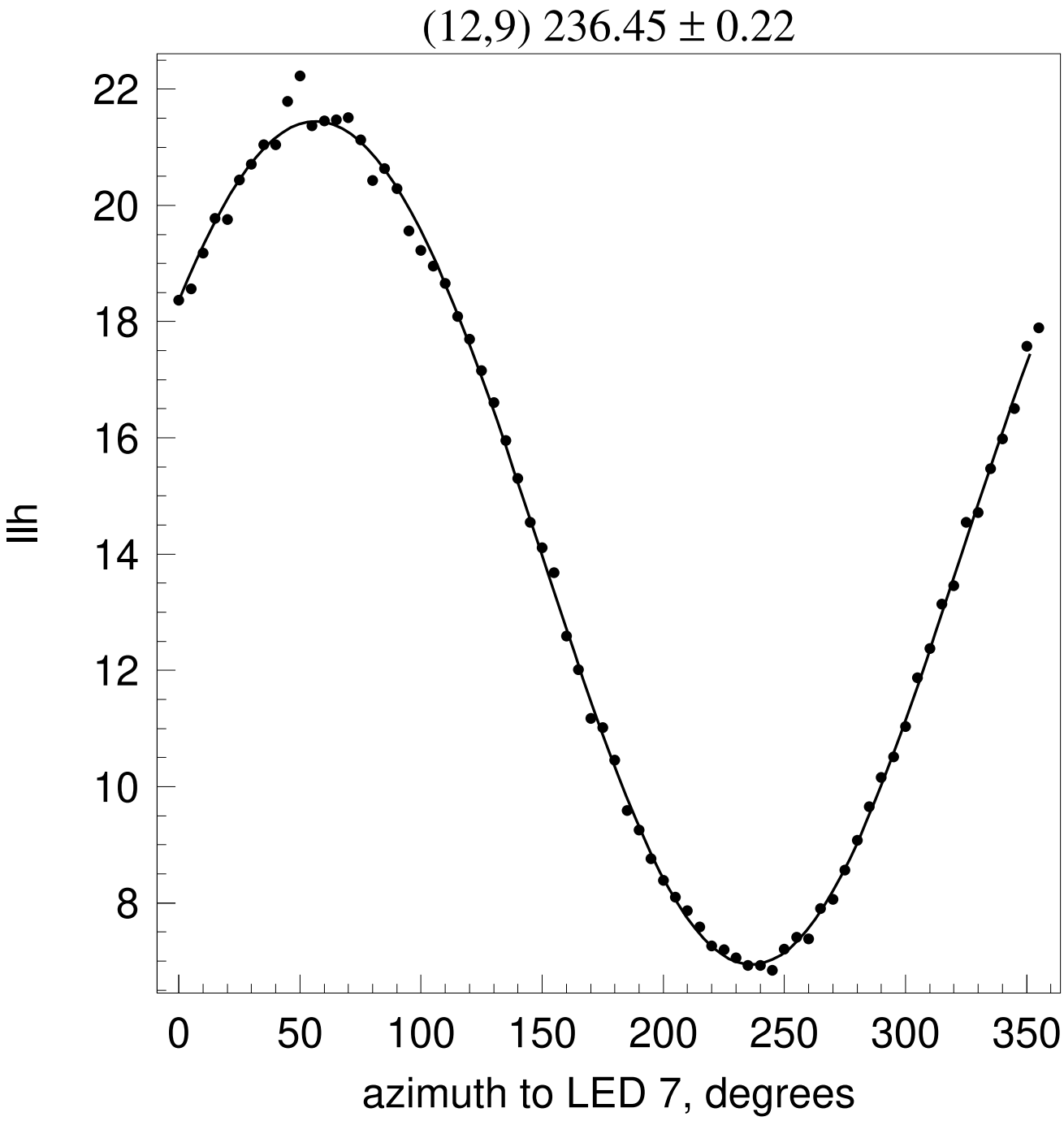

(12,4) 39.00 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

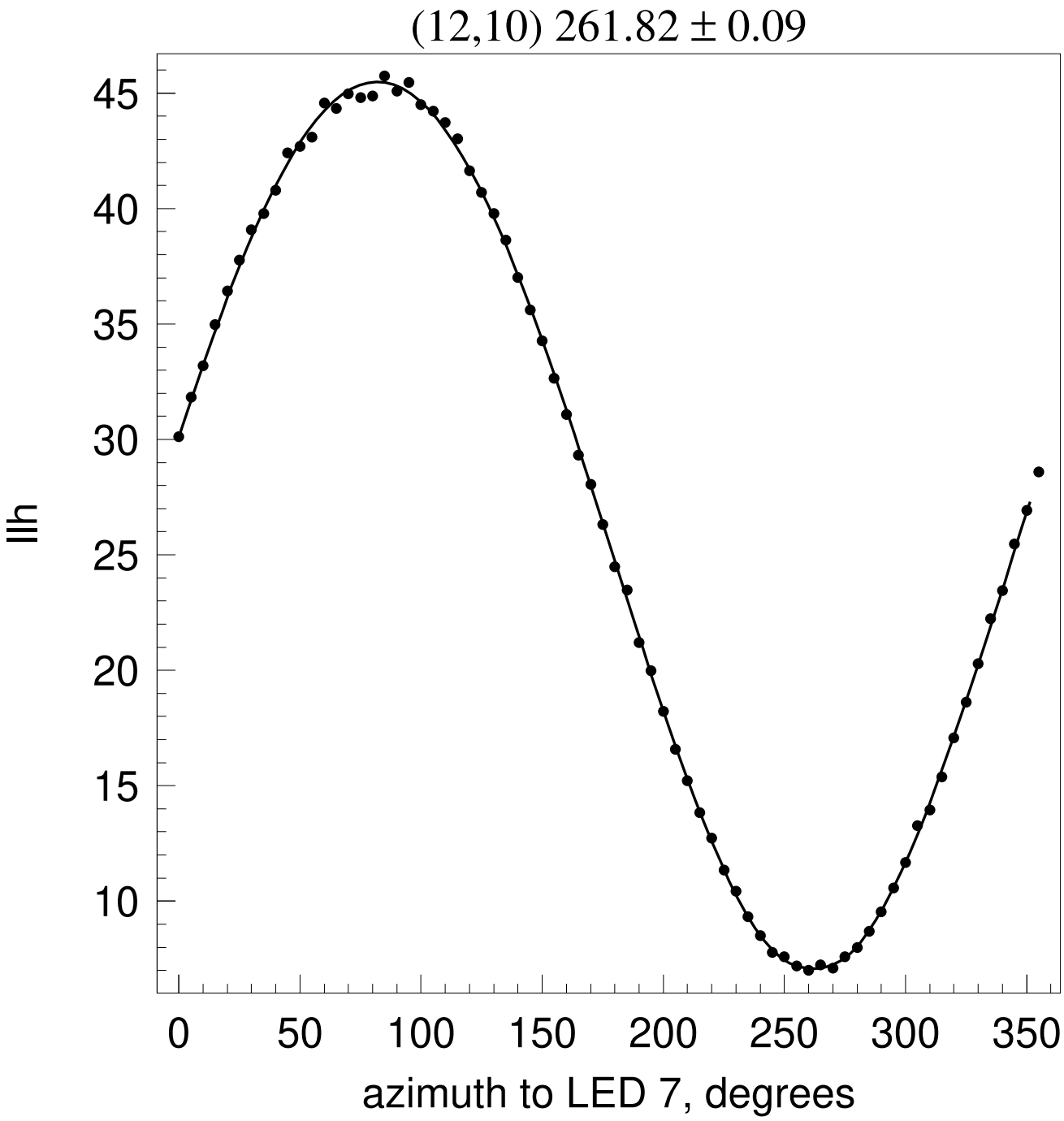

(12,5) 48.32 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

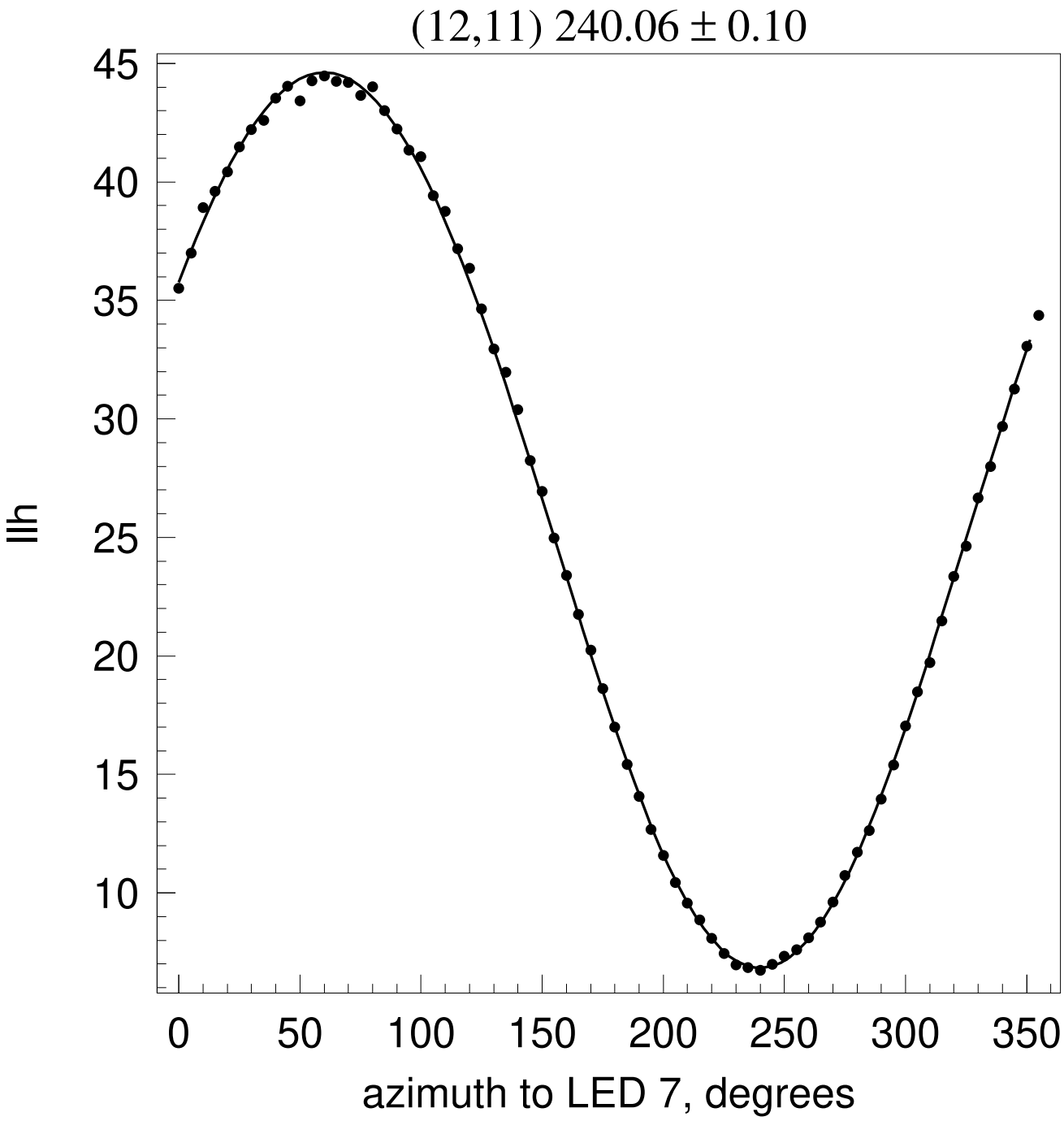

(12,6) 240.34 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

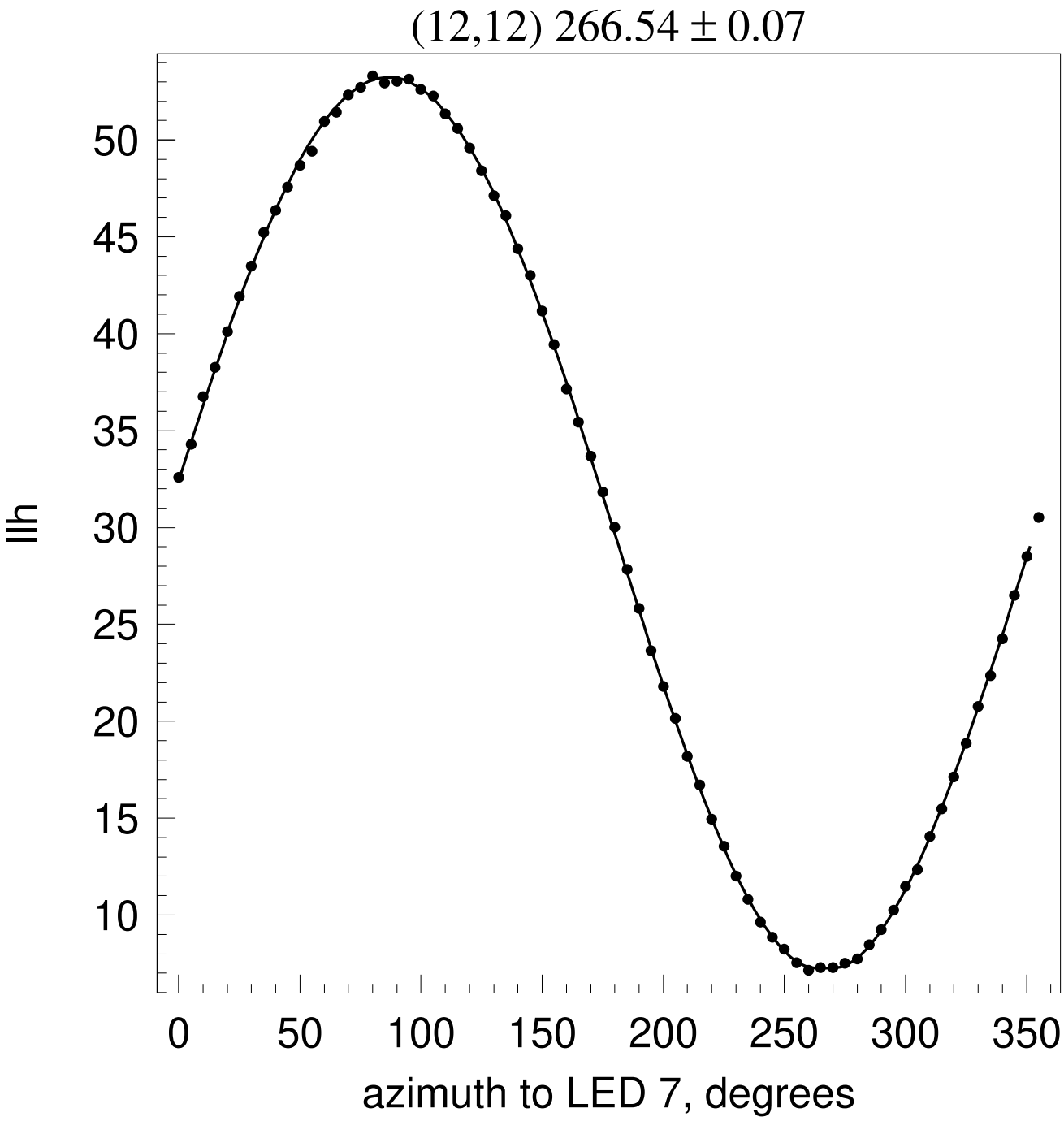

(12,7) 266.98 ± 0.23
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

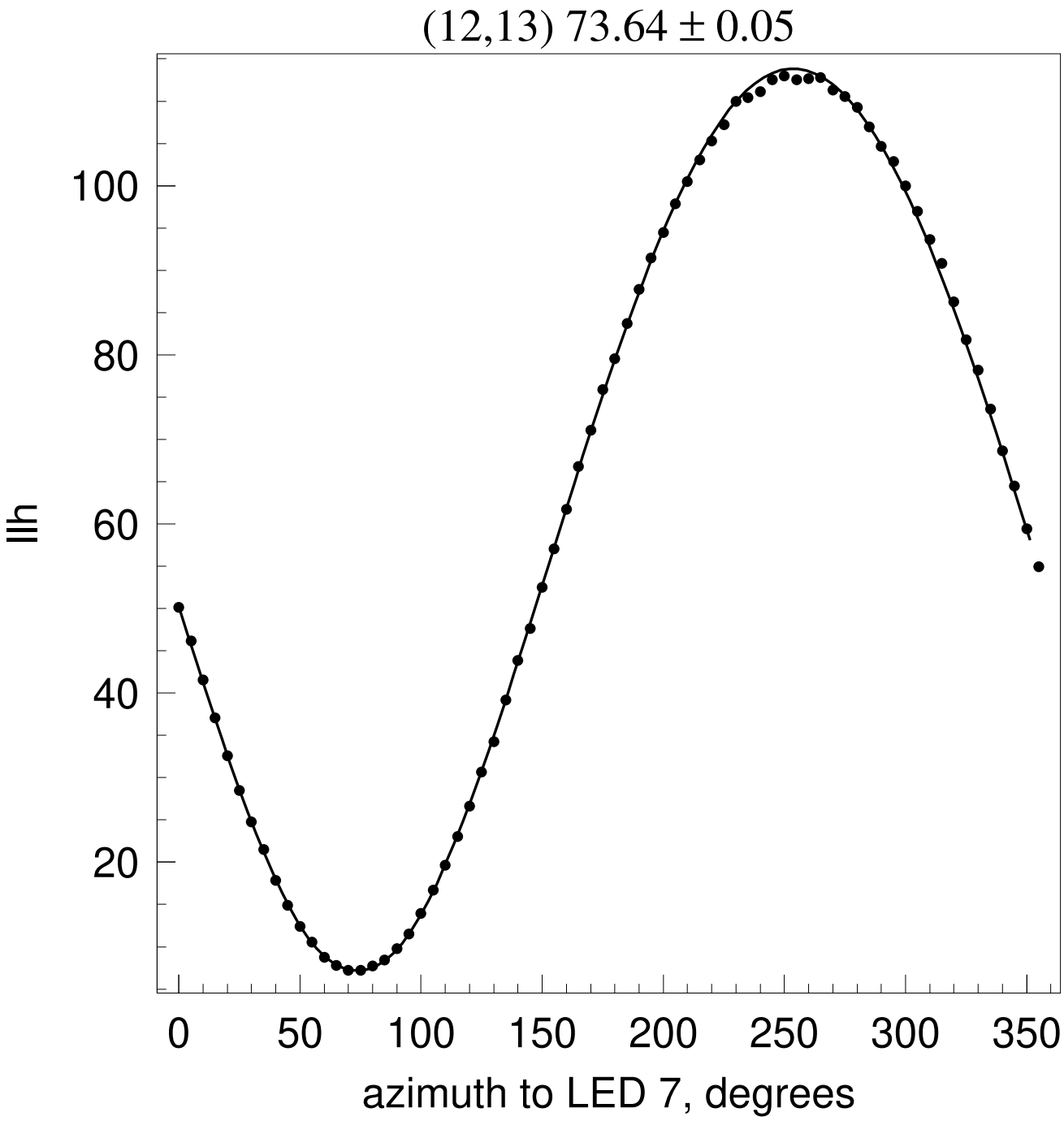

(12,8) 256.21 ± 0.25
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

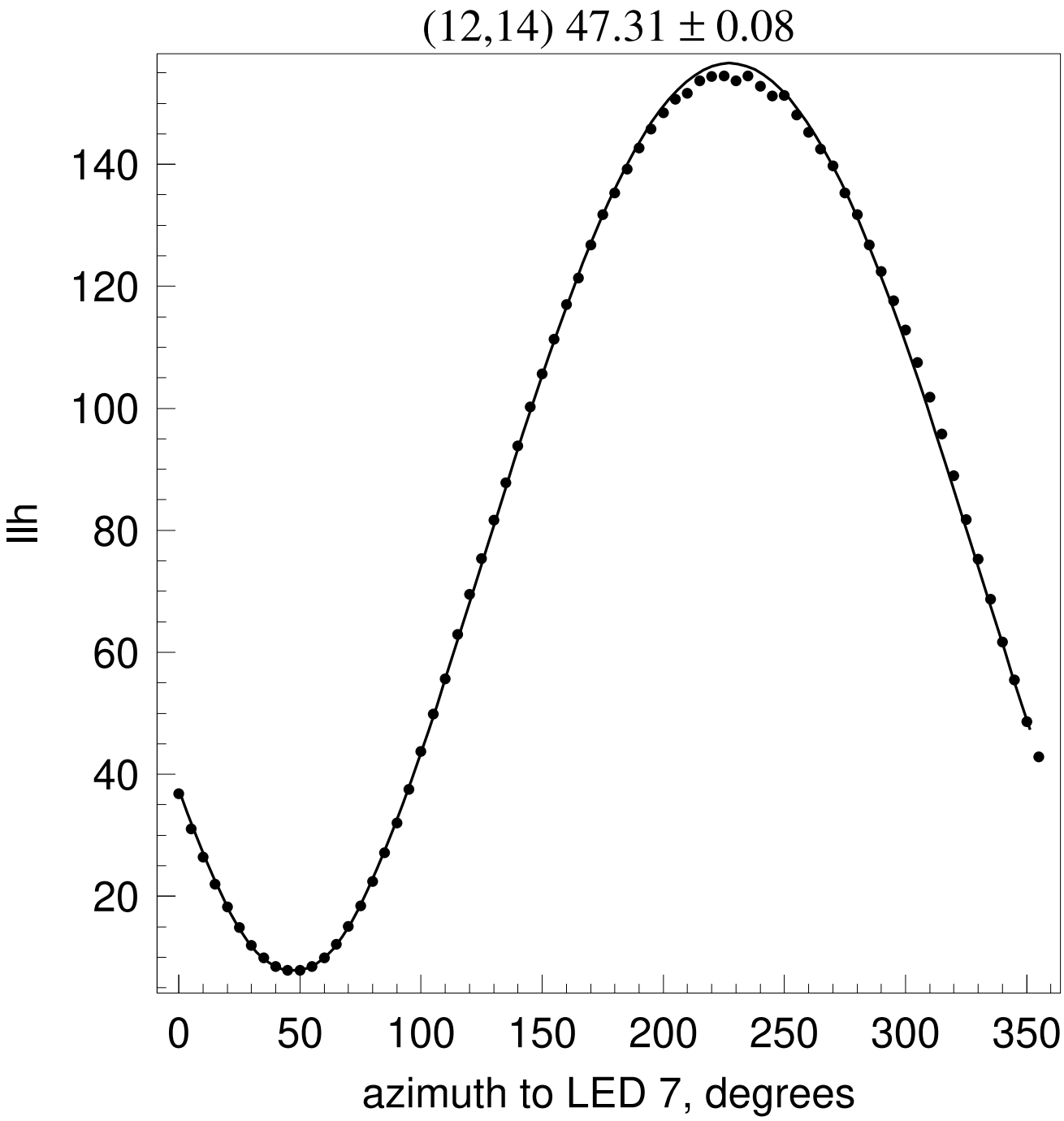

(12,9) 236.45 ± 0.22
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

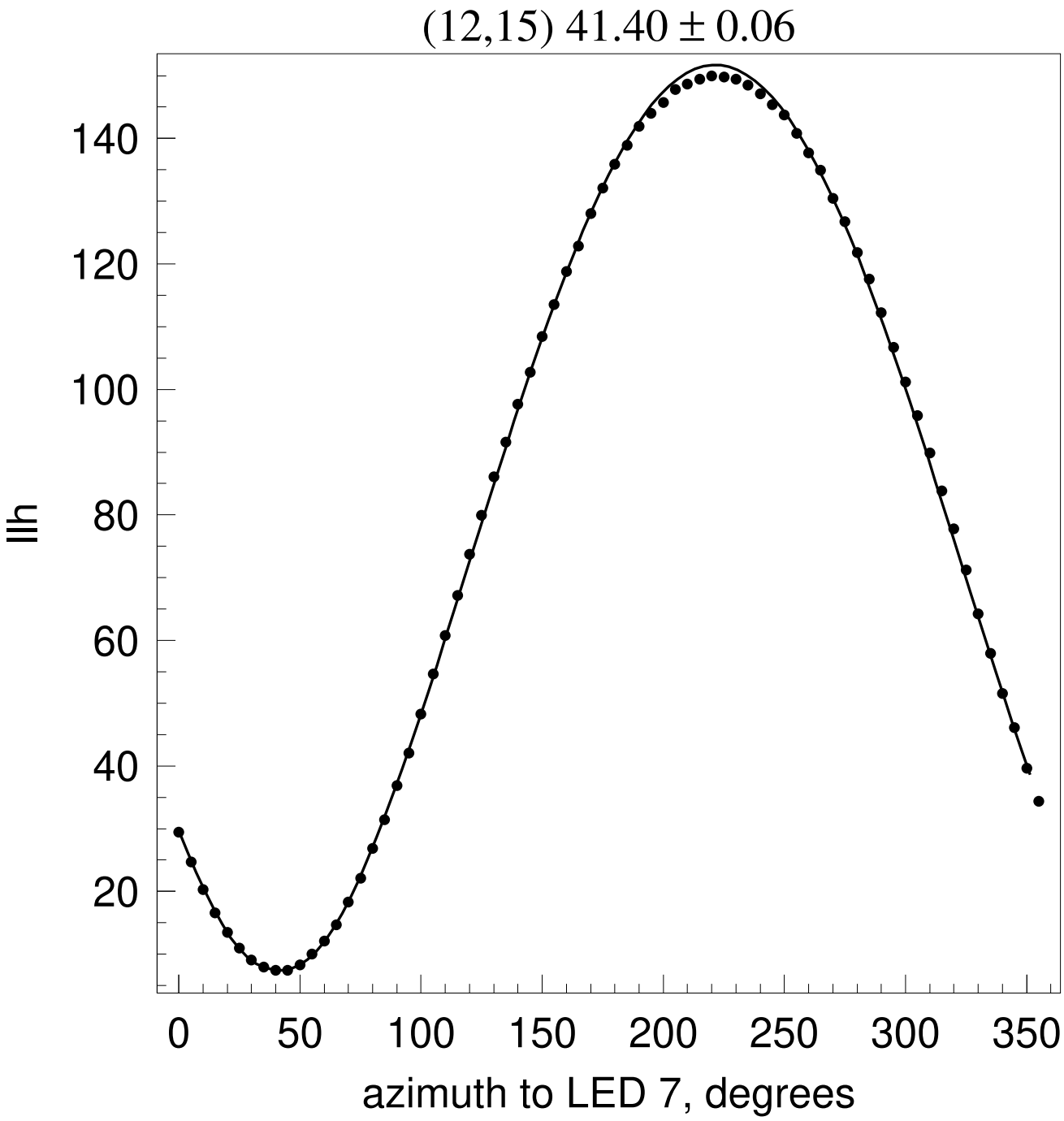

(12,10) 261.82 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

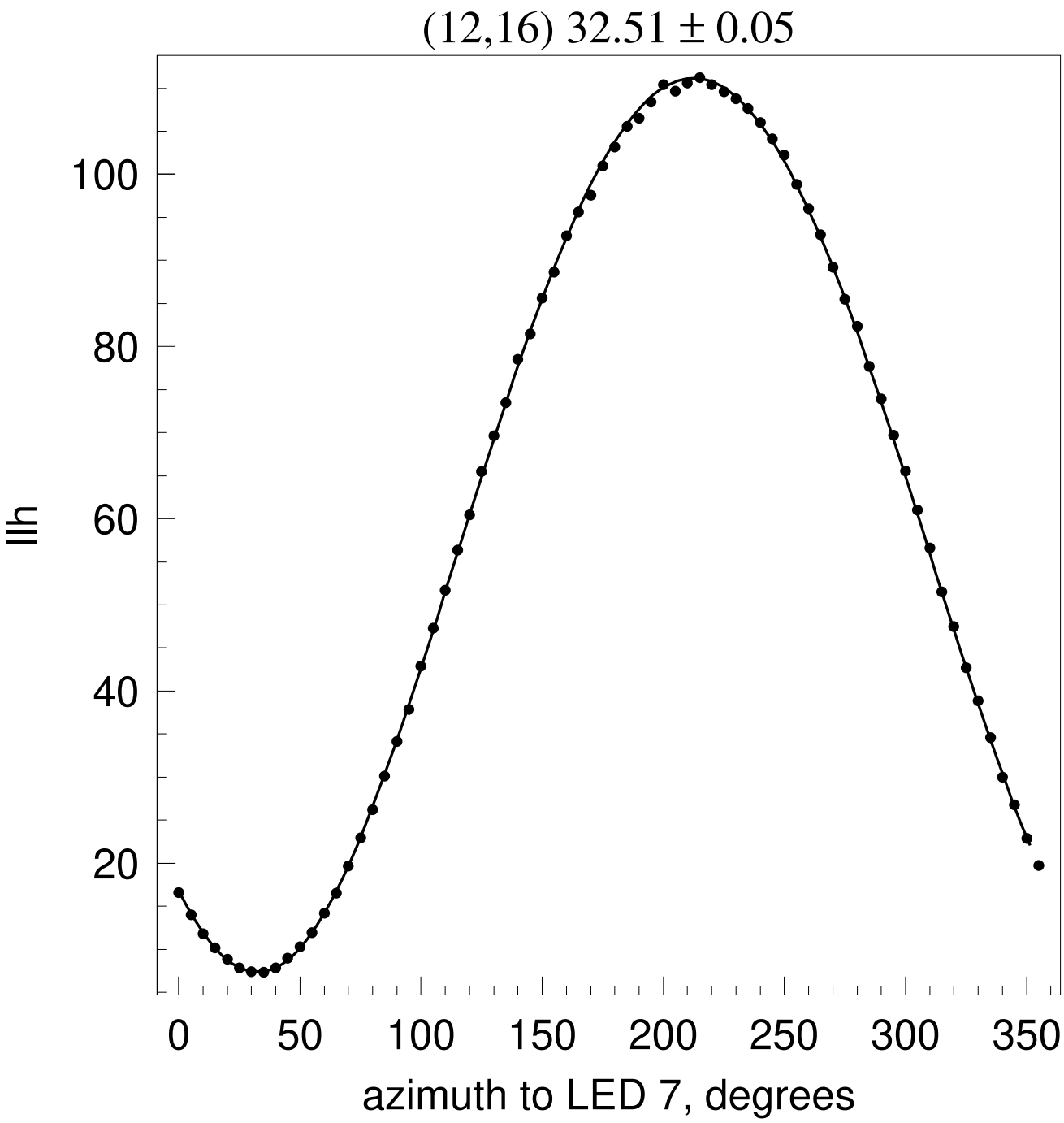

(12,11) 240.06 ± 0.10
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

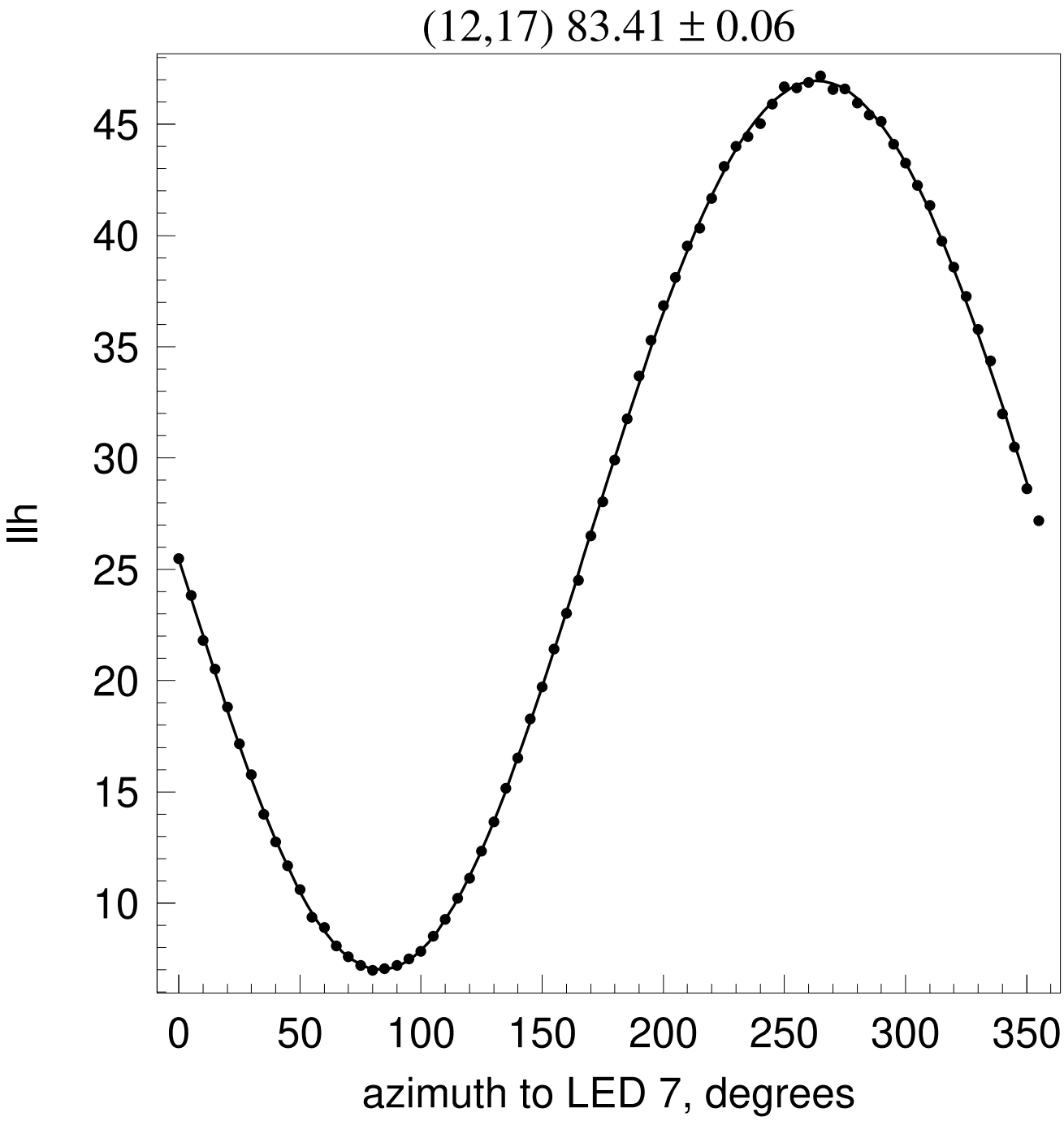

(12,12) 266.54 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

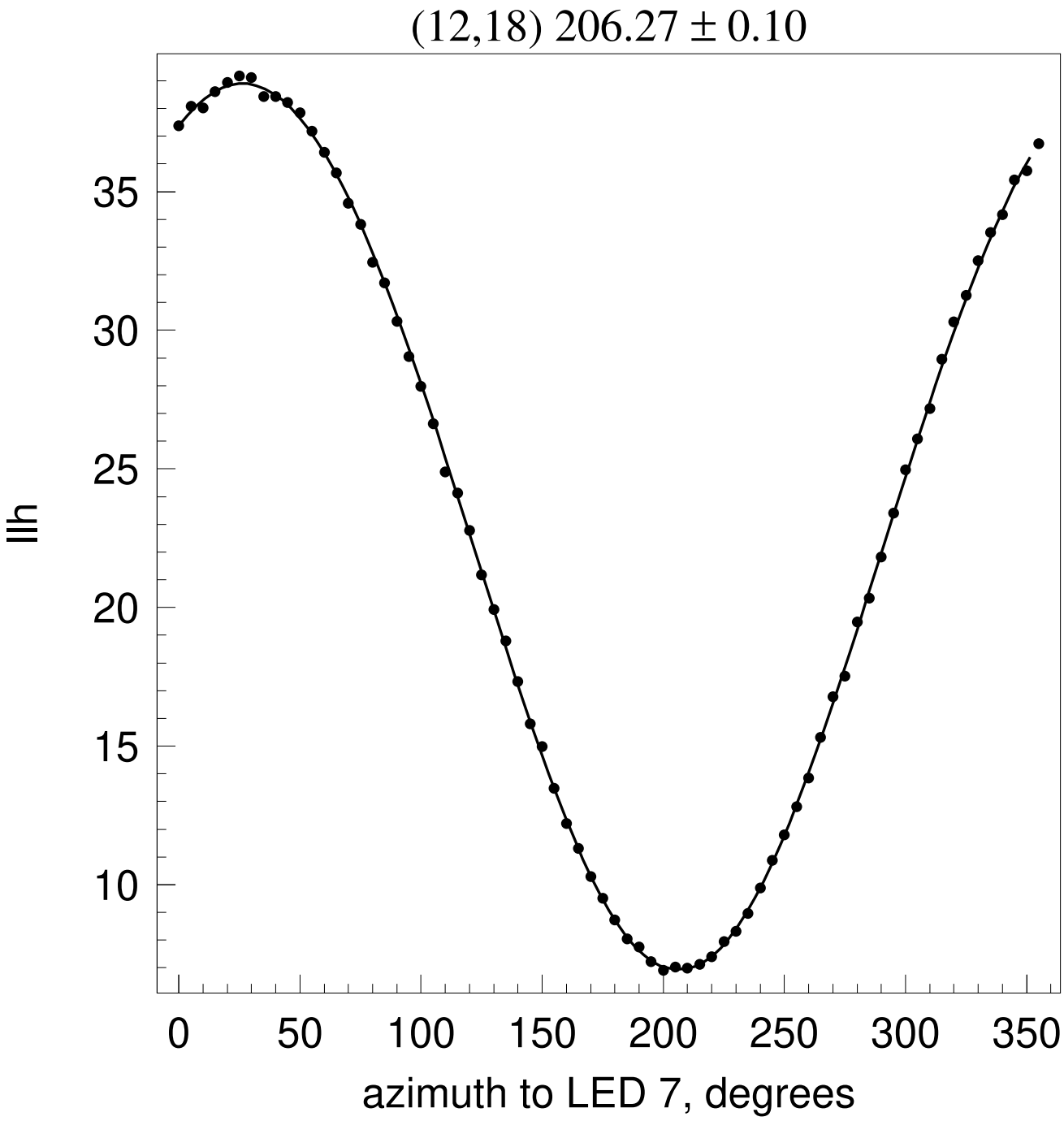

(12,13) 73.64 ± 0.05
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

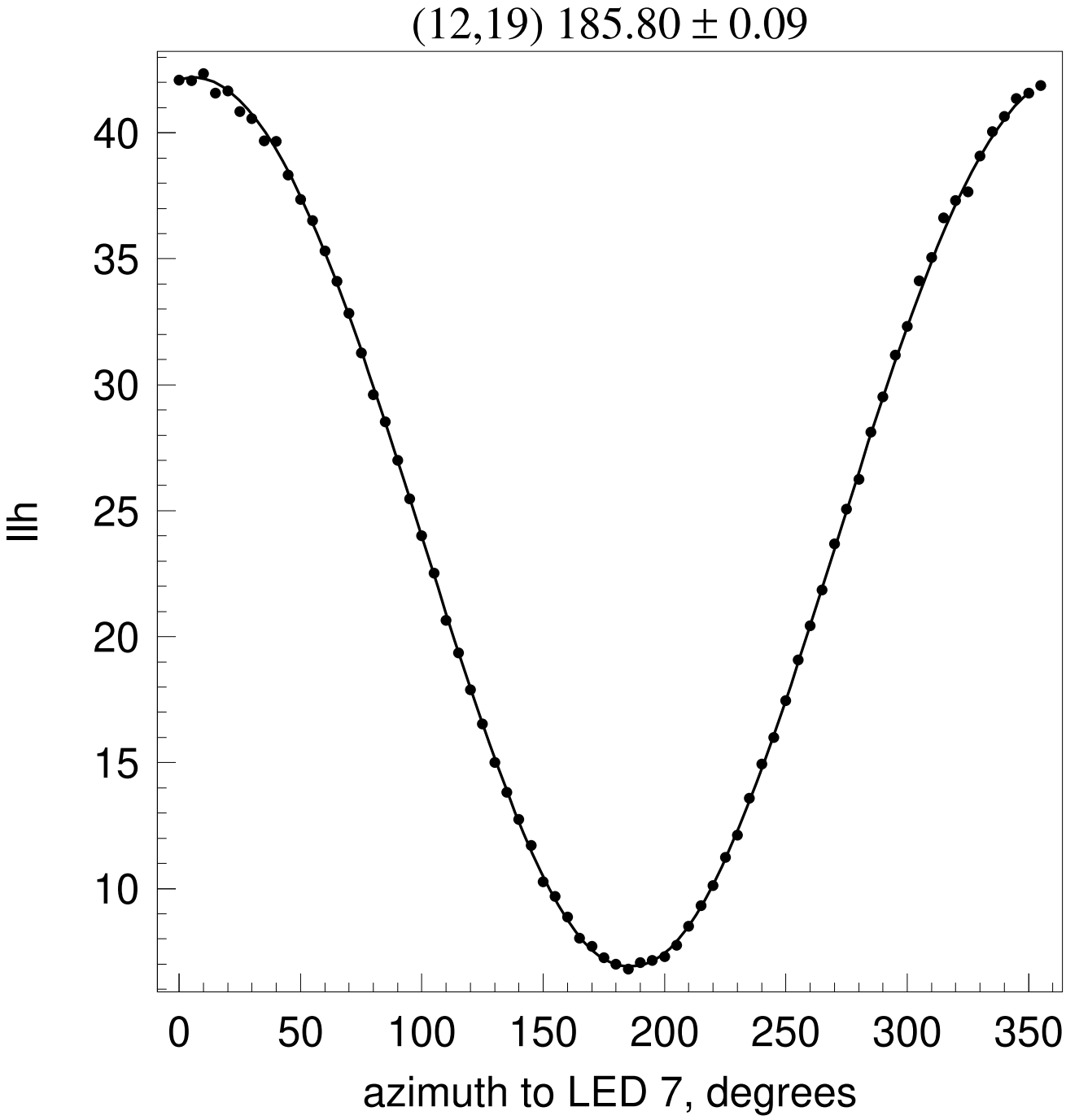

(12,14) 47.31 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

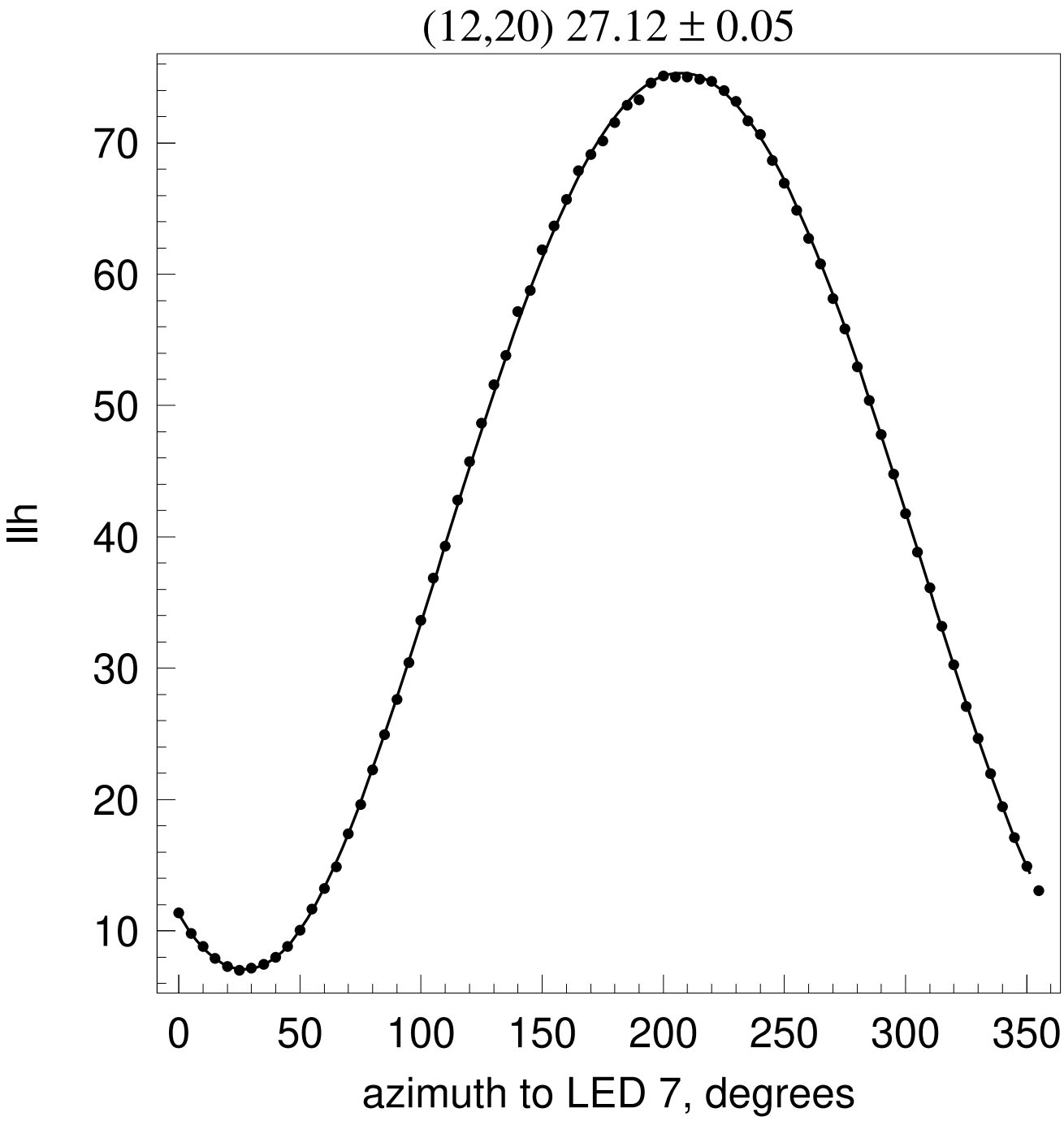

(12,15) 41.40 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

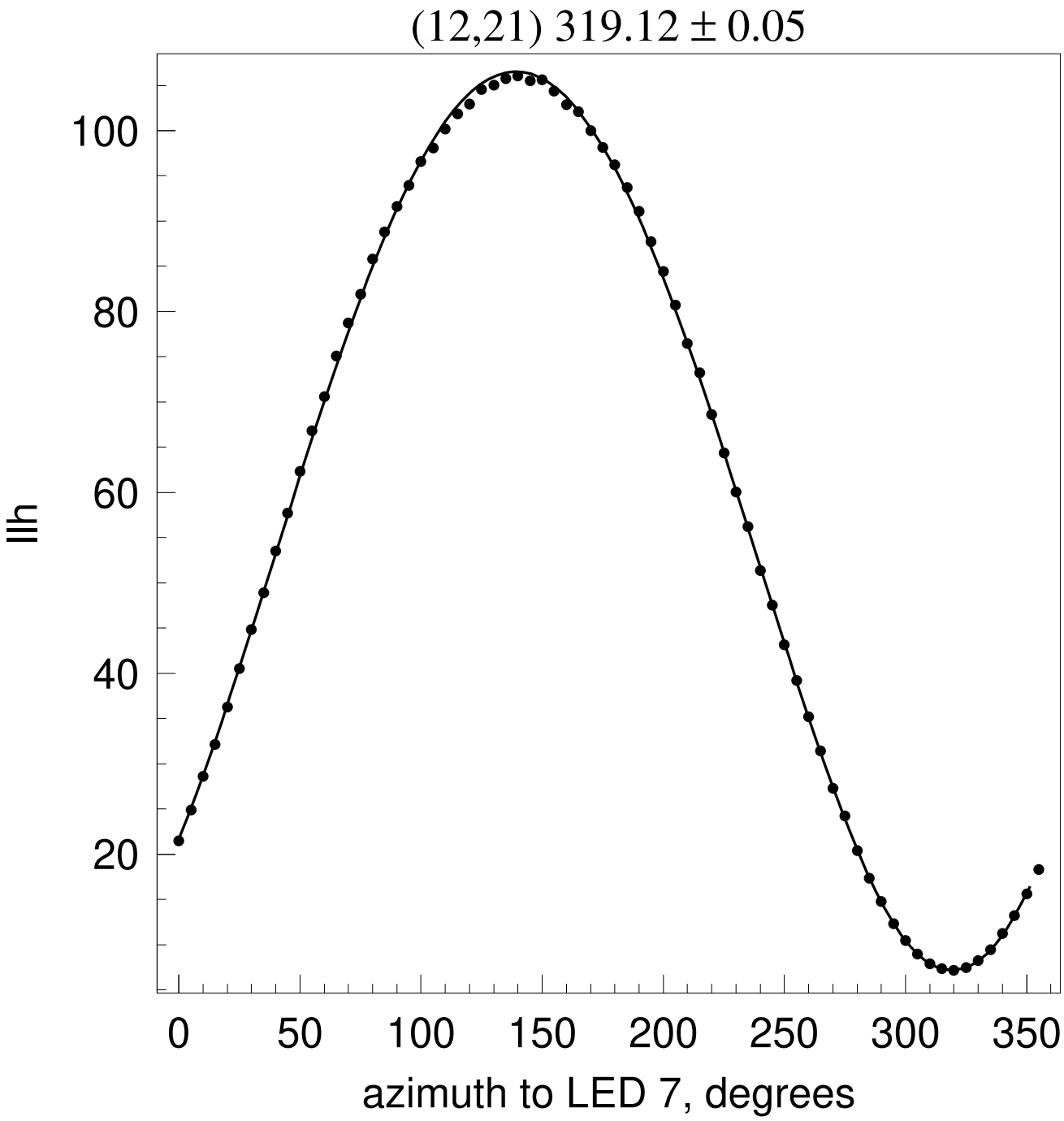

(12,16) 32.51 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

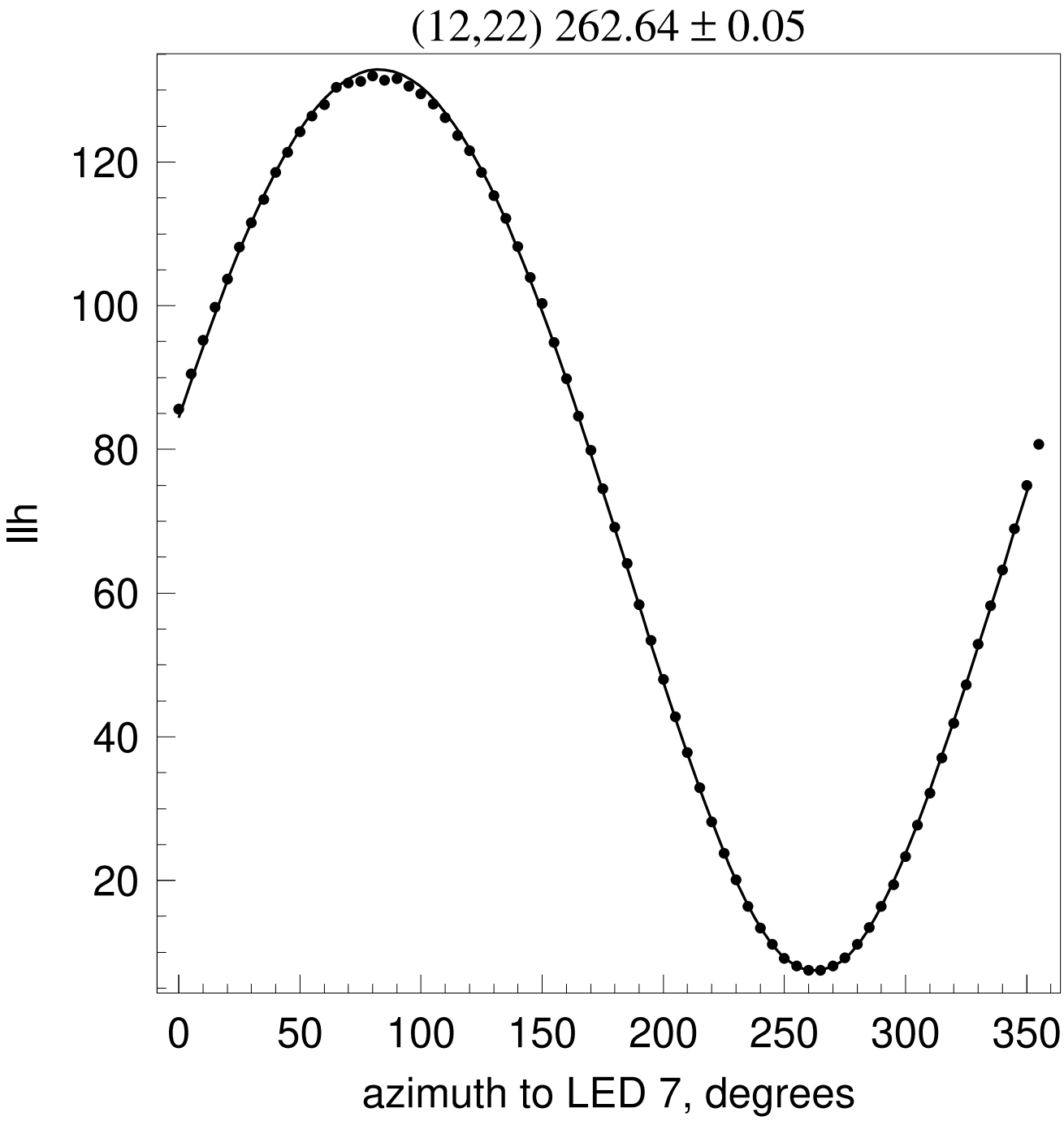

(12,17) 83.41 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

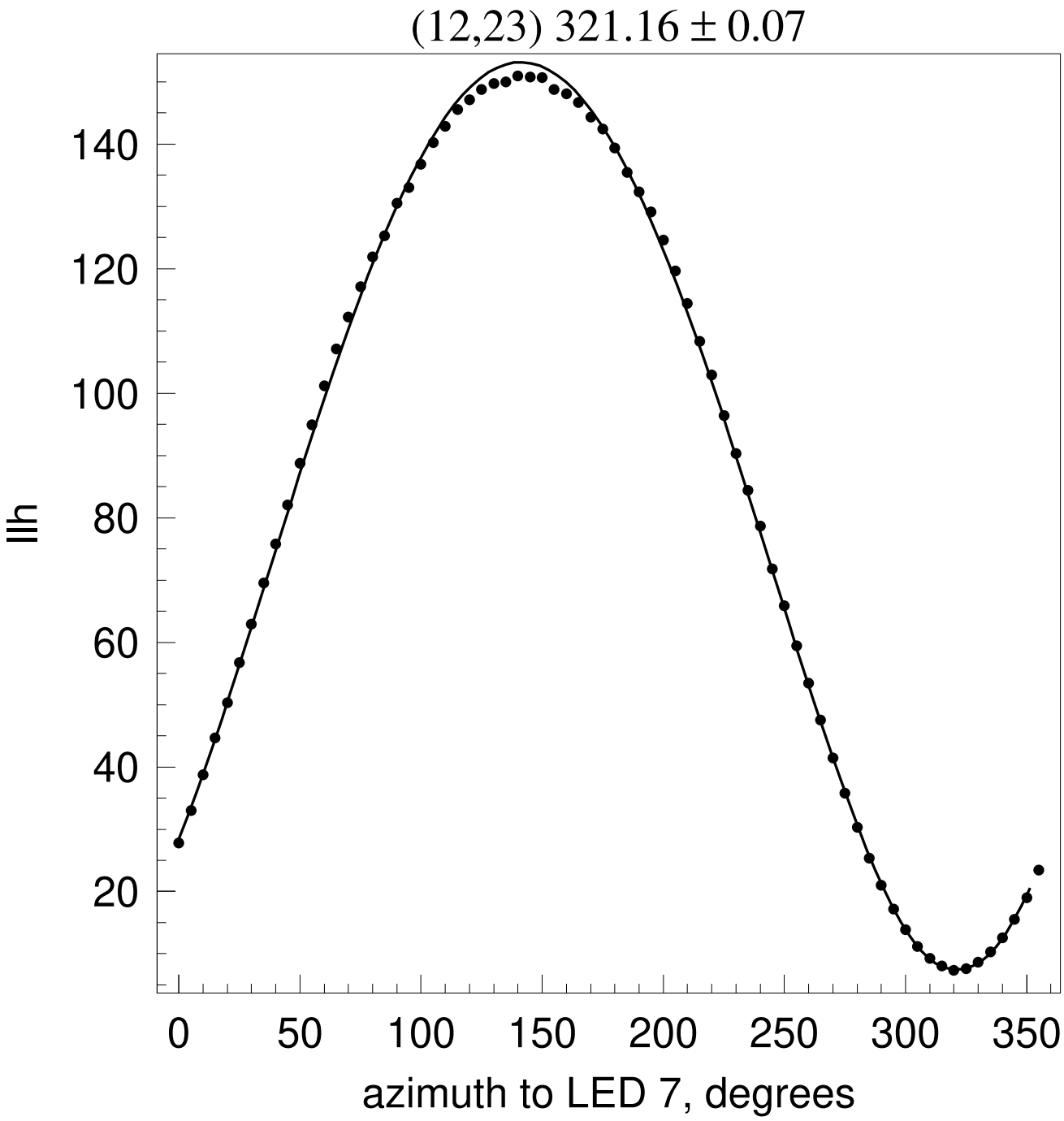

(12,18) 206.27 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

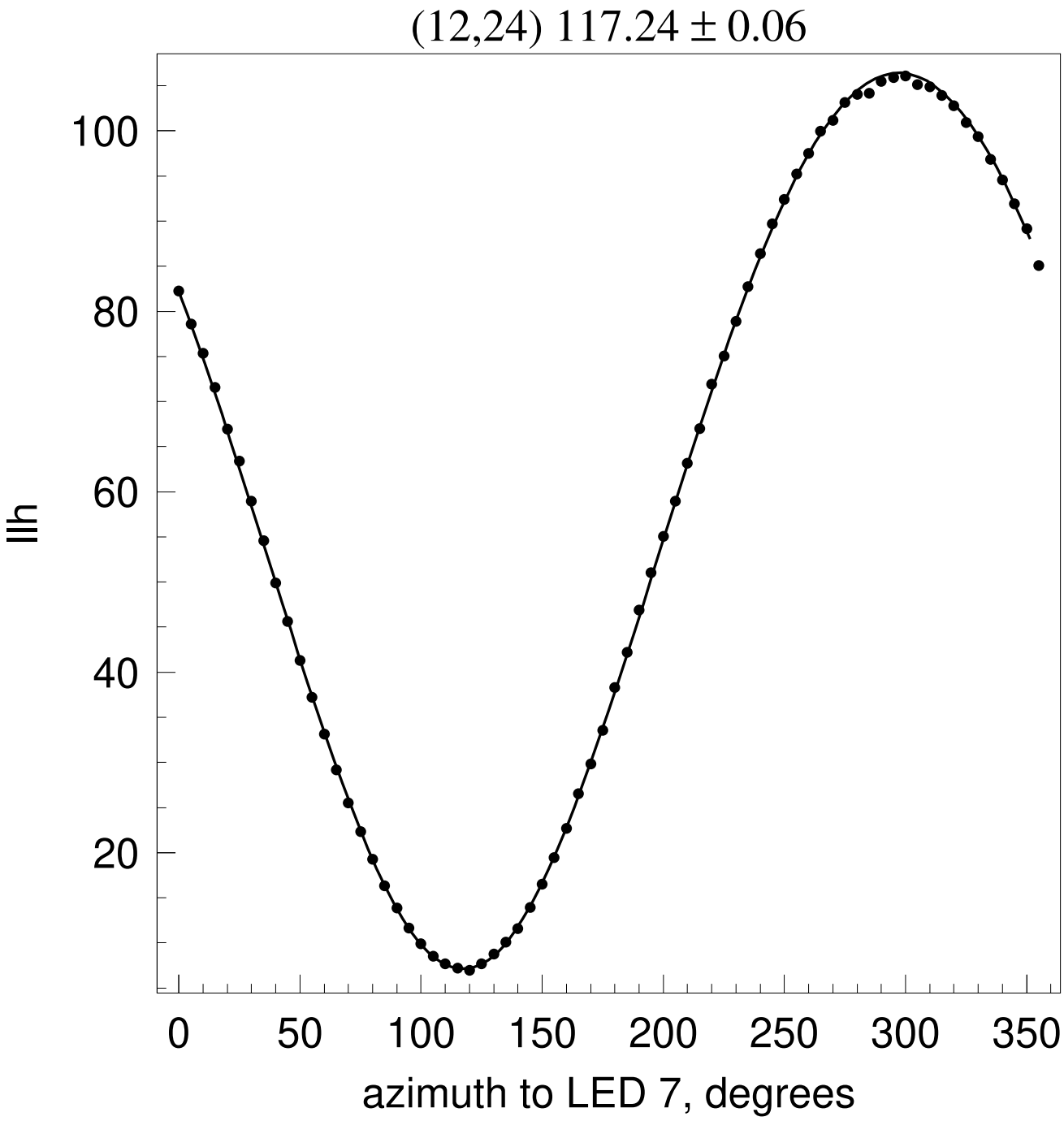

(12,19) 185.80 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

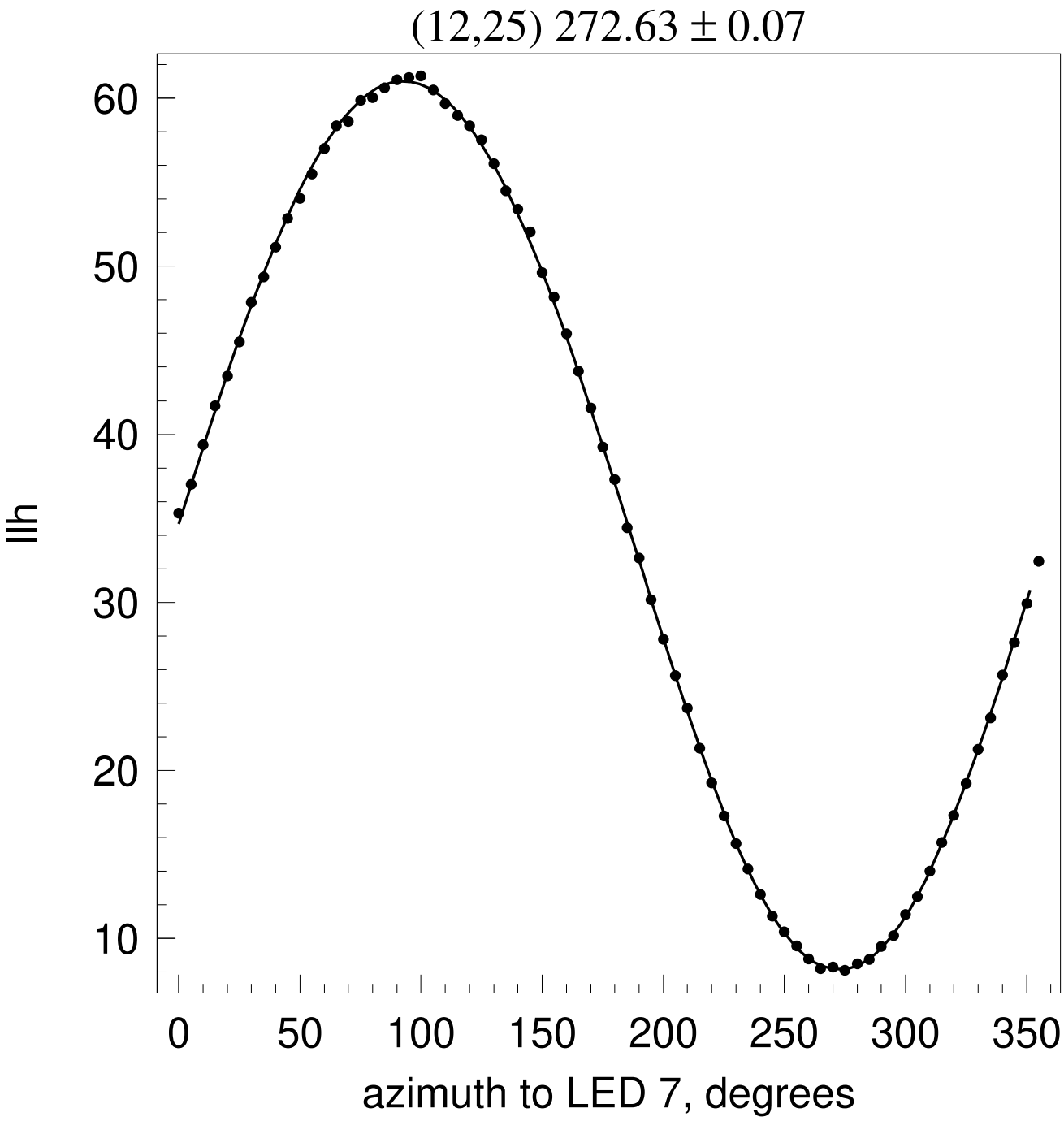

(12,20) 27.12 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

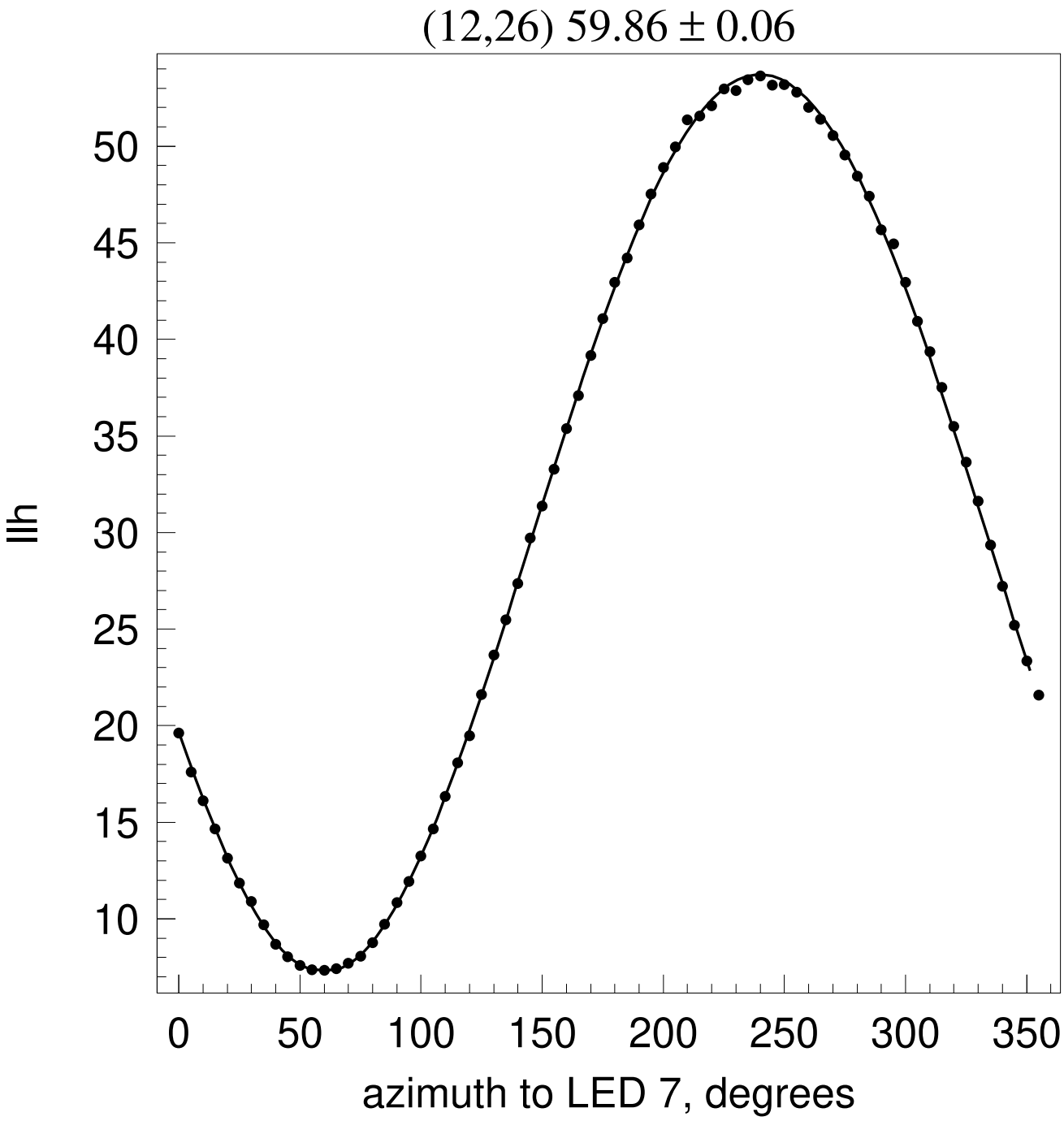

(12,21) 319.12 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

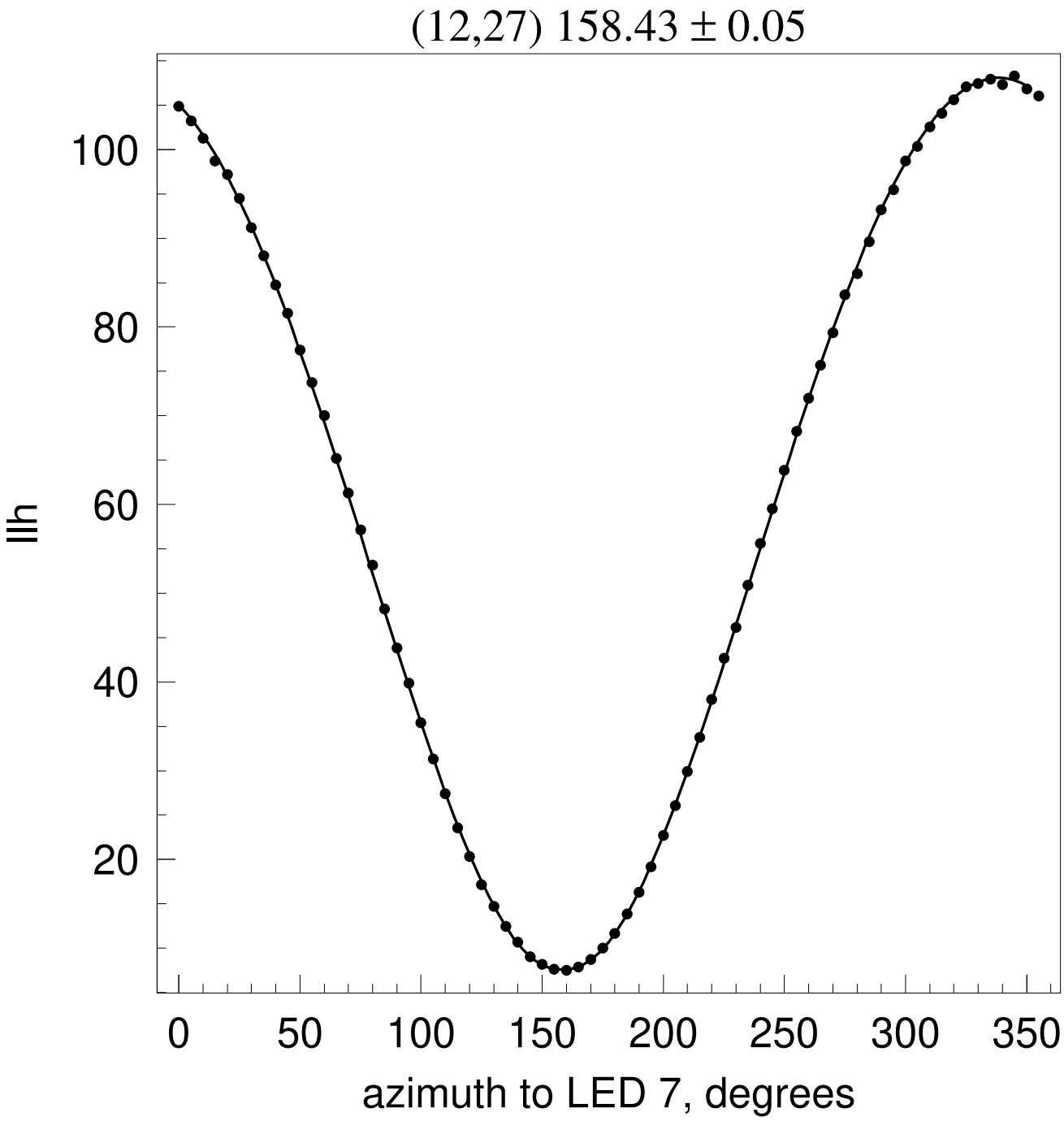

(12,22) 262.64 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

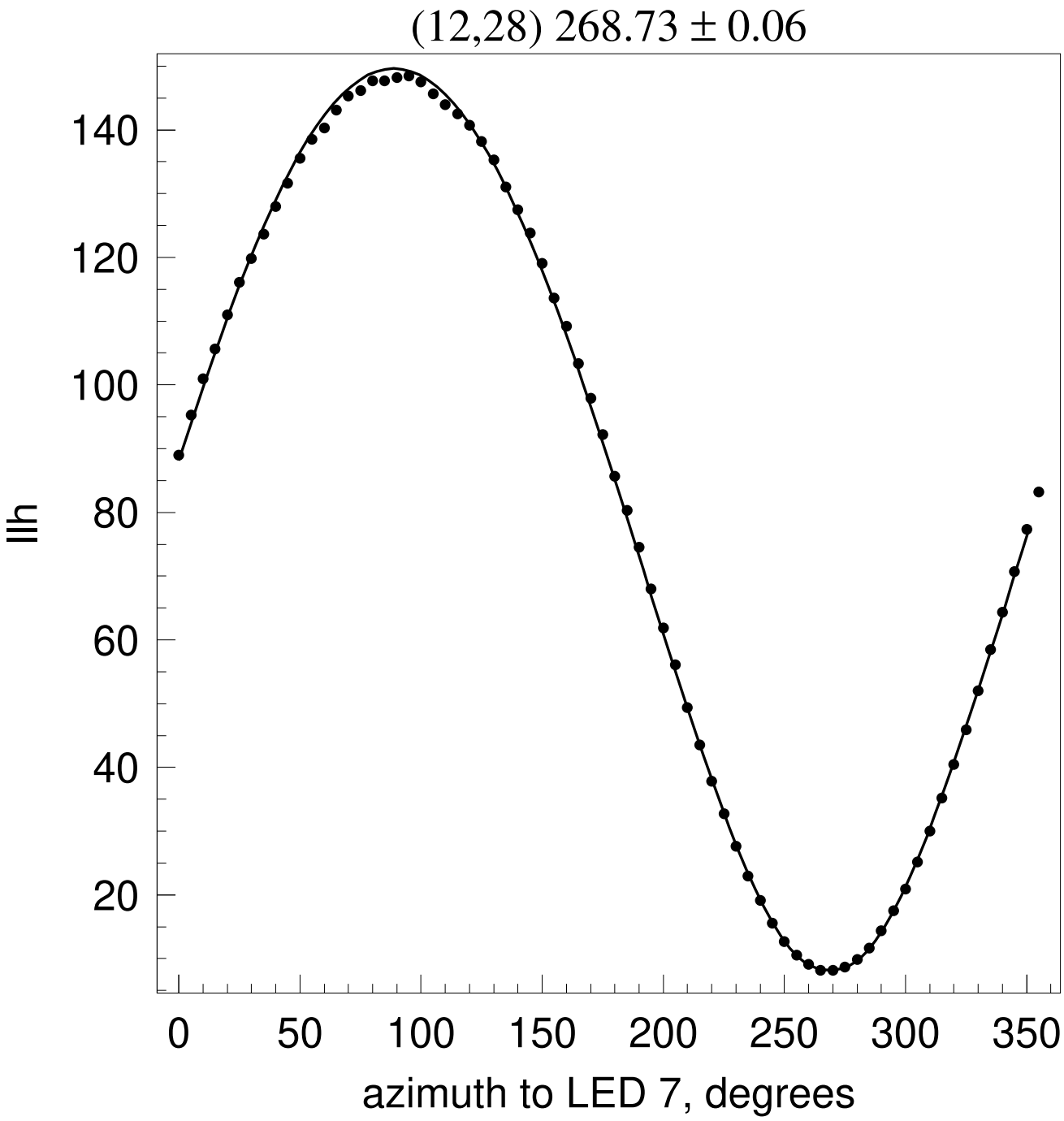

(12,23) 321.16 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

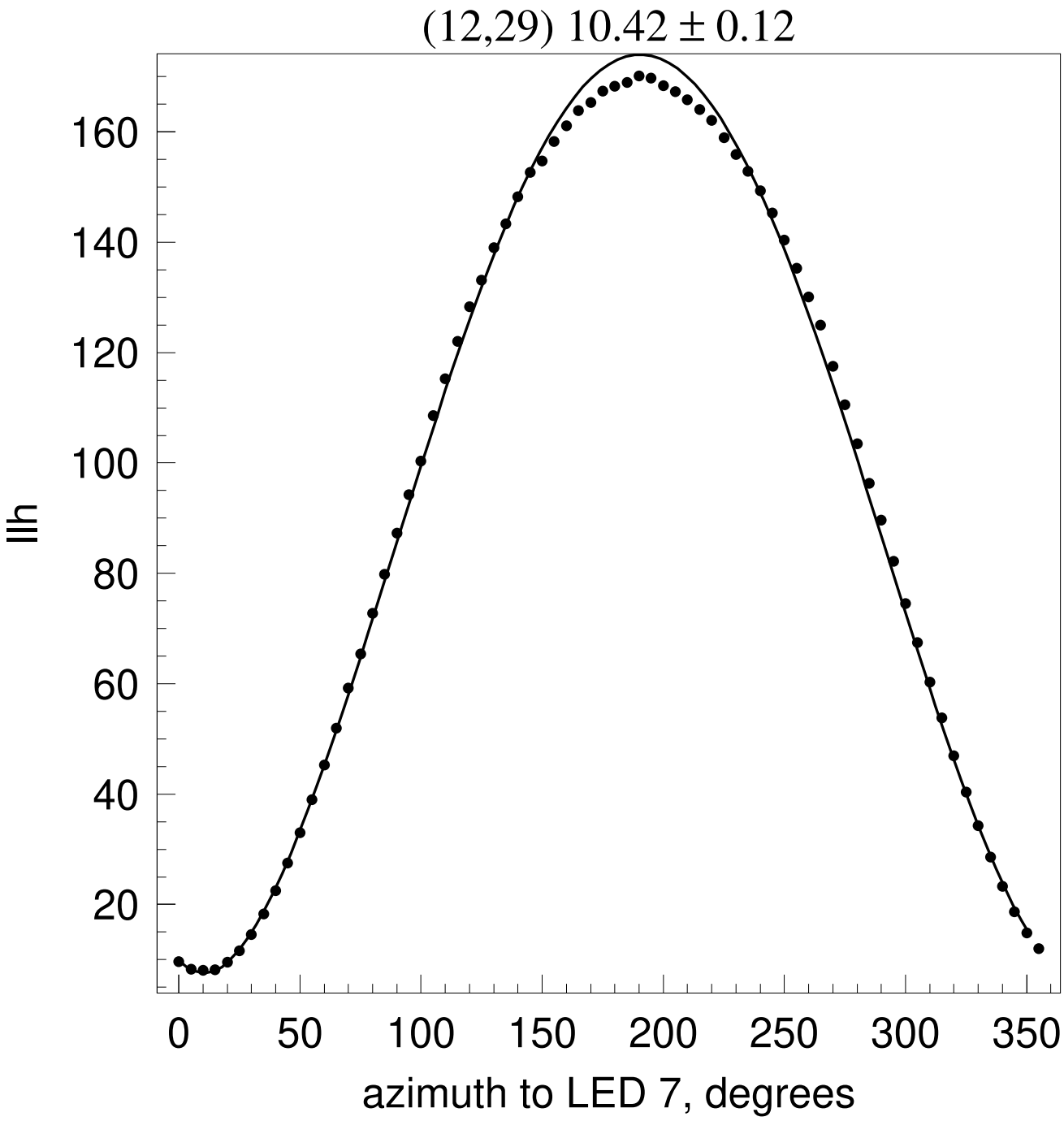

(12,24) 117.24 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

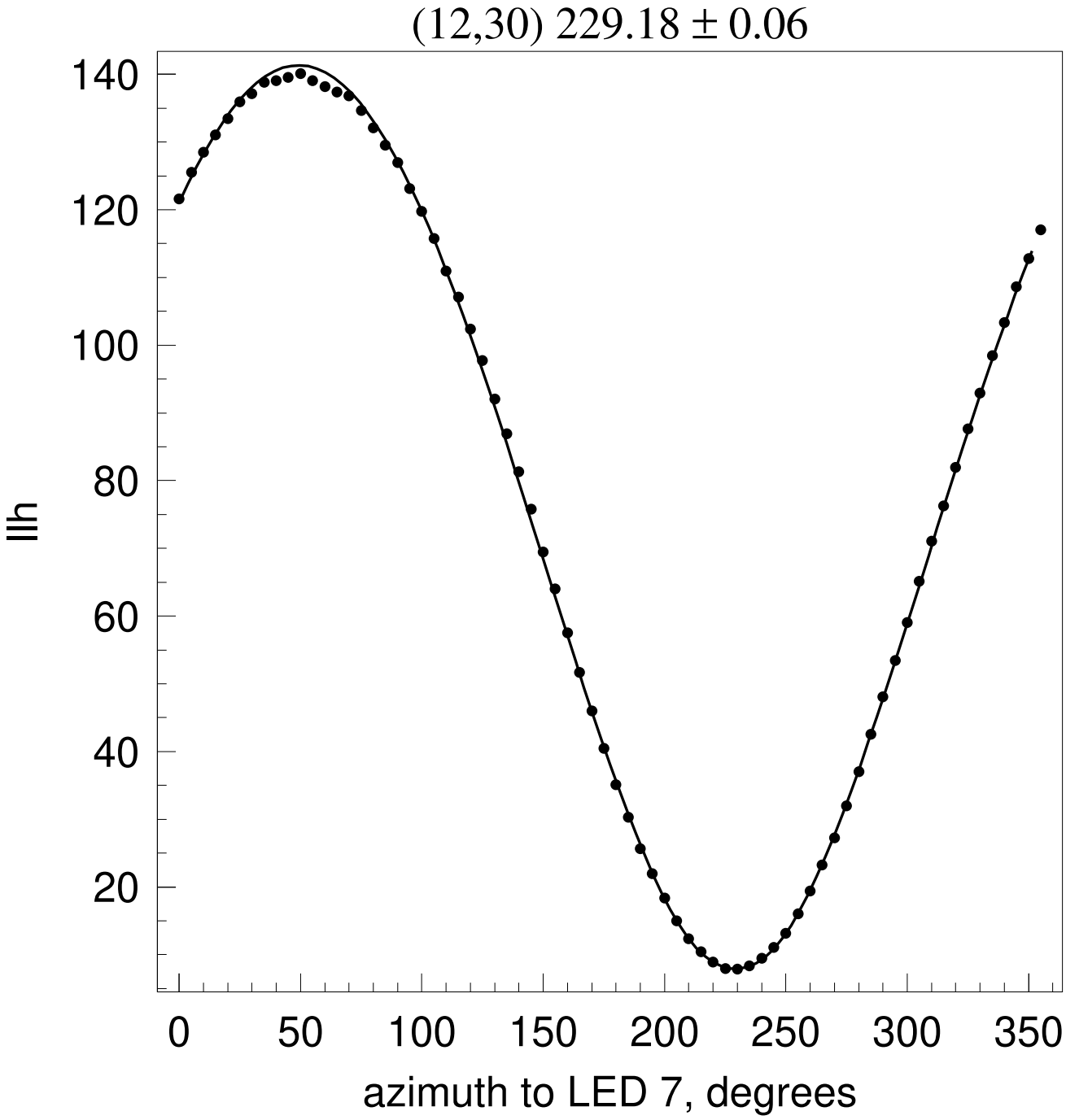

(12,25) 272.63 ± 0.07
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

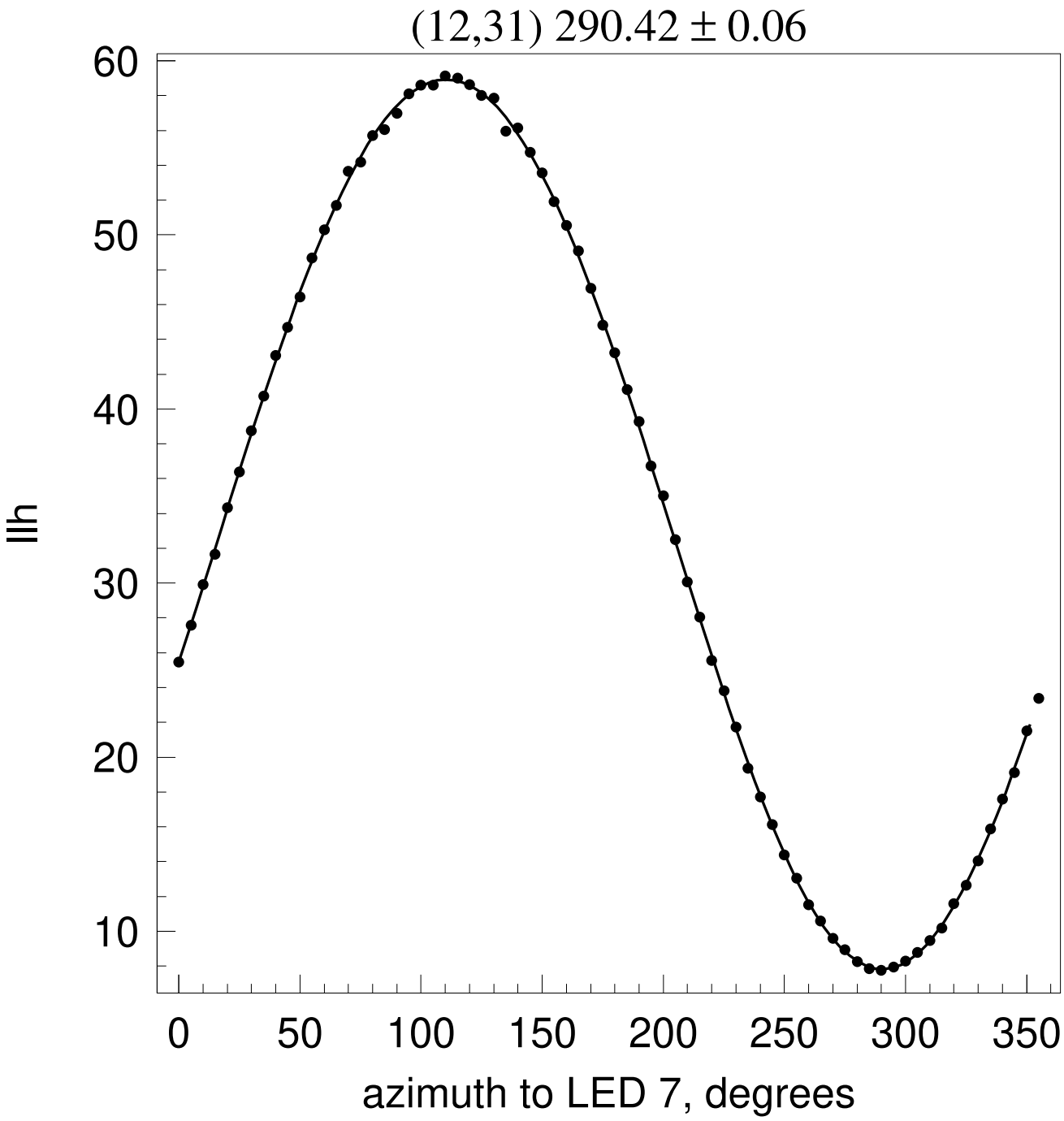

(12,26) 59.86 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

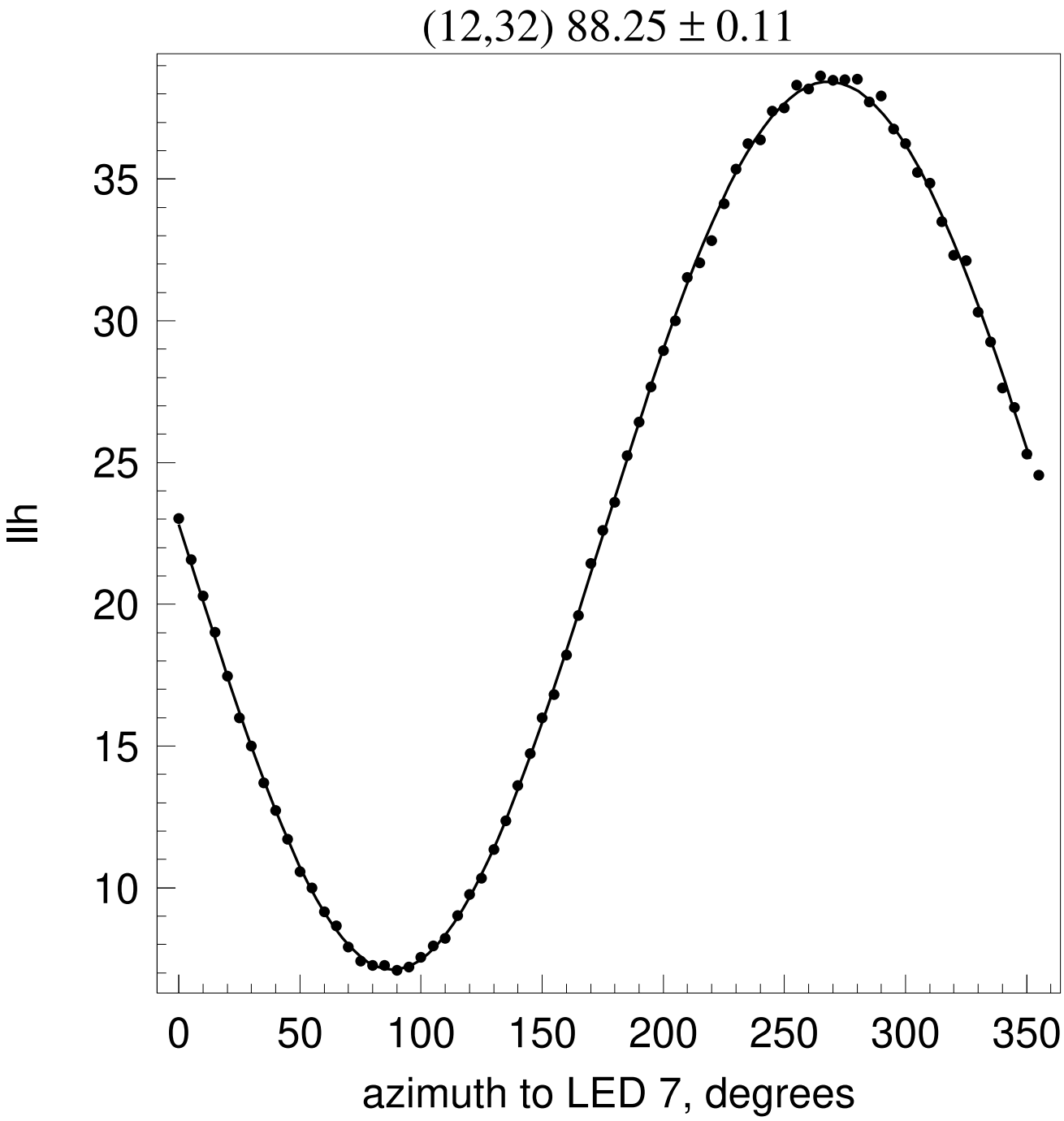

(12,27) 158.43 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

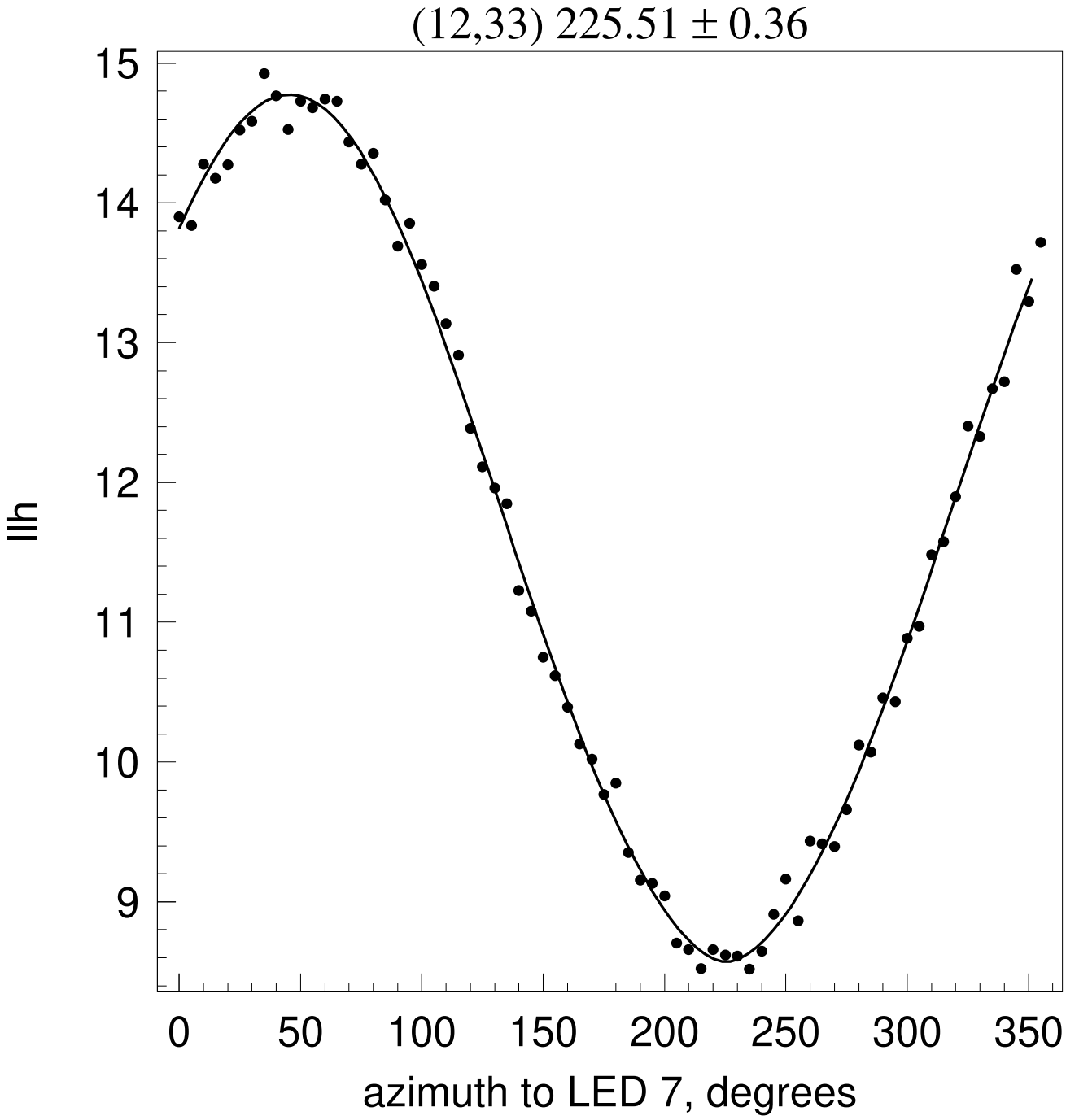

(12,28) 268.73 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

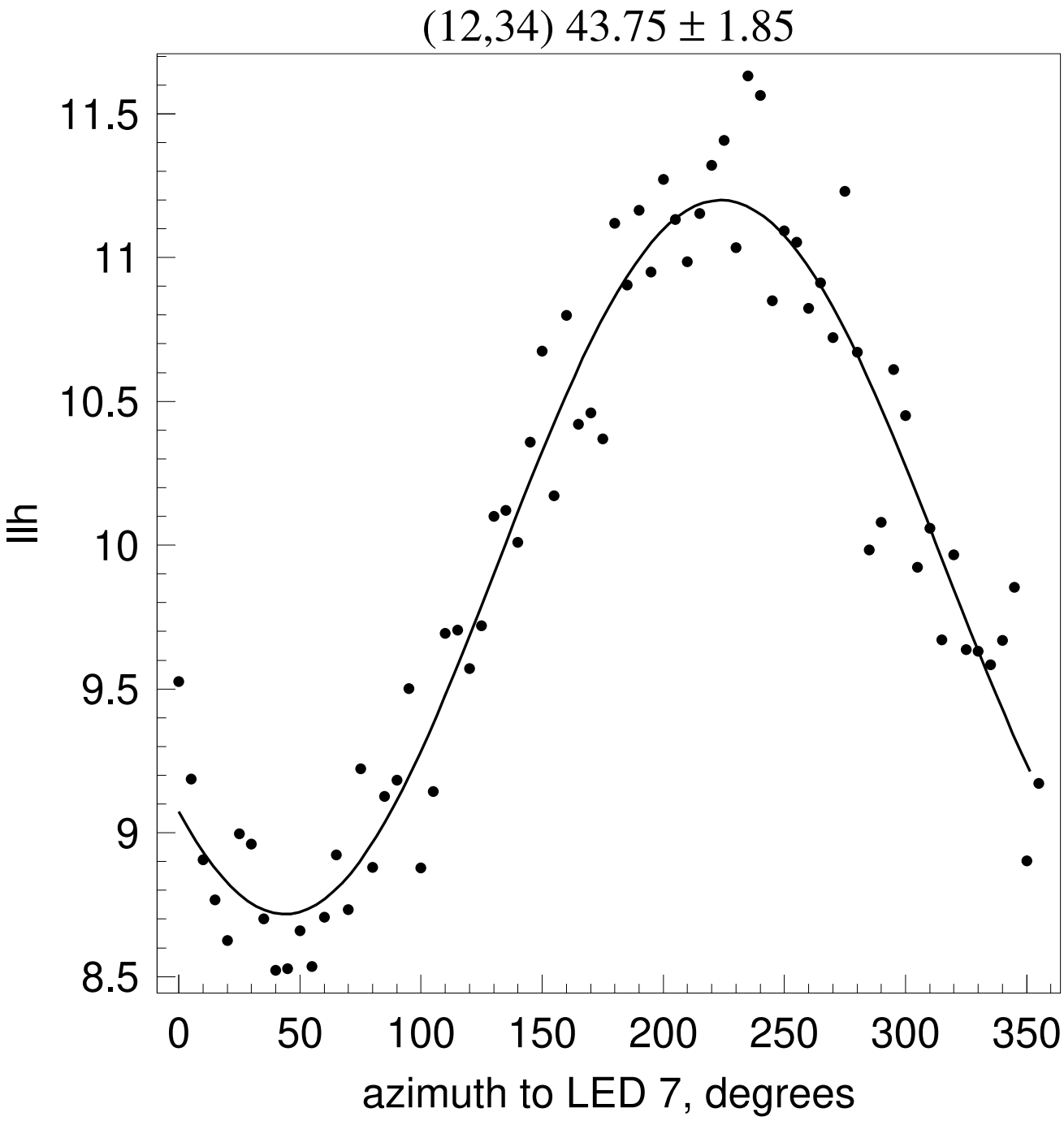

(12,29) 10.42 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

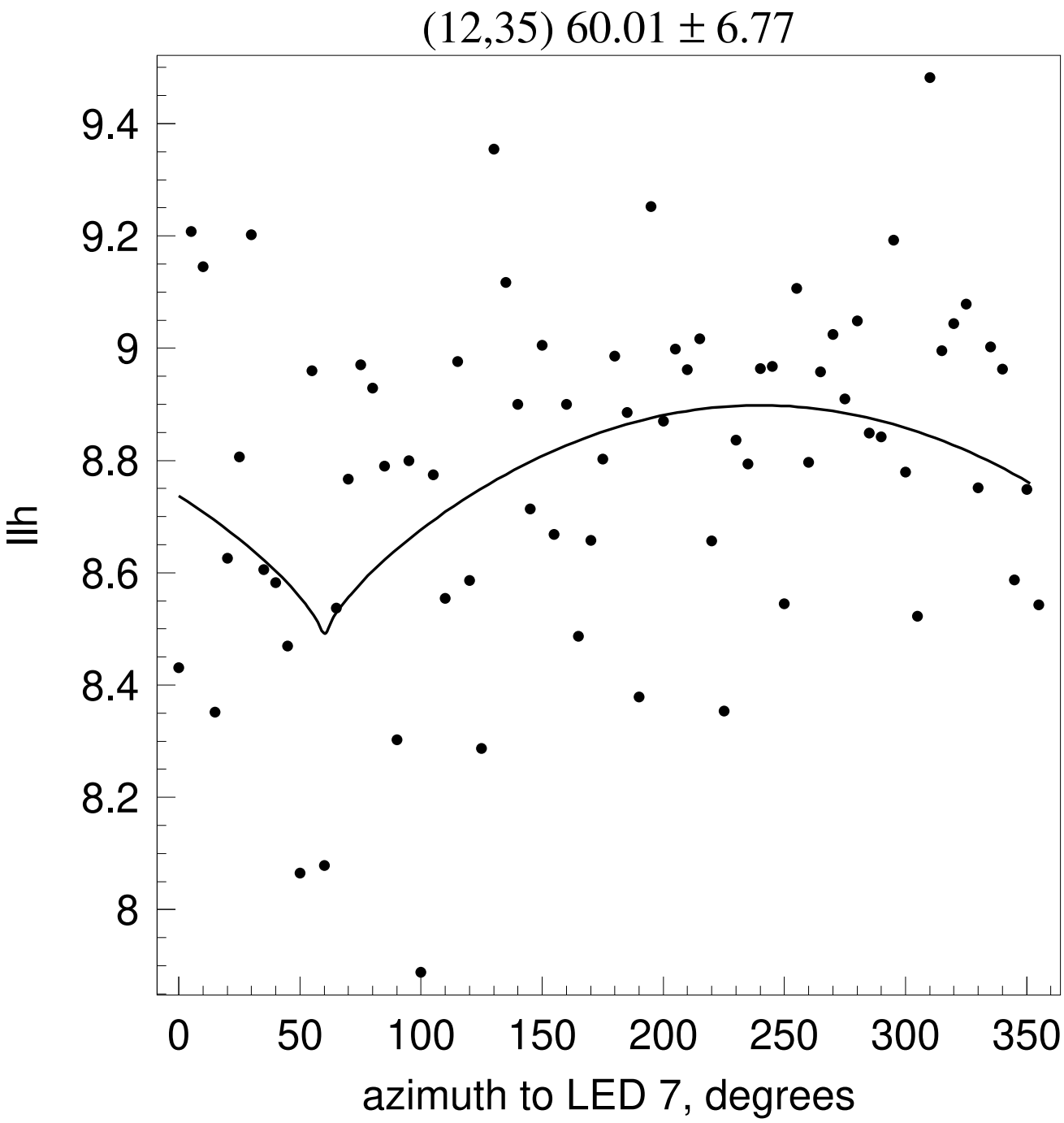

(12,30) 229.18 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

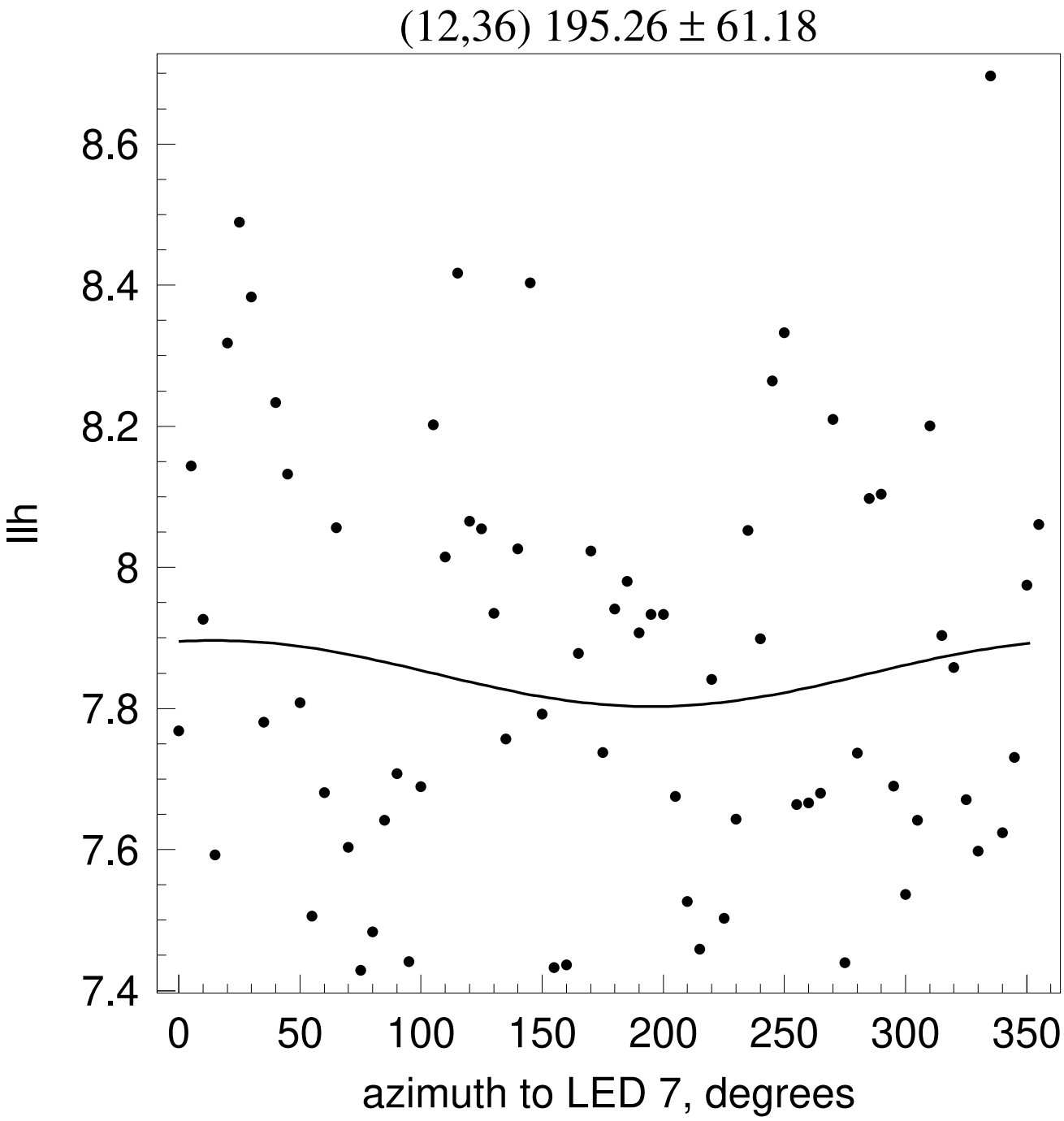

(12,31) 290.42 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

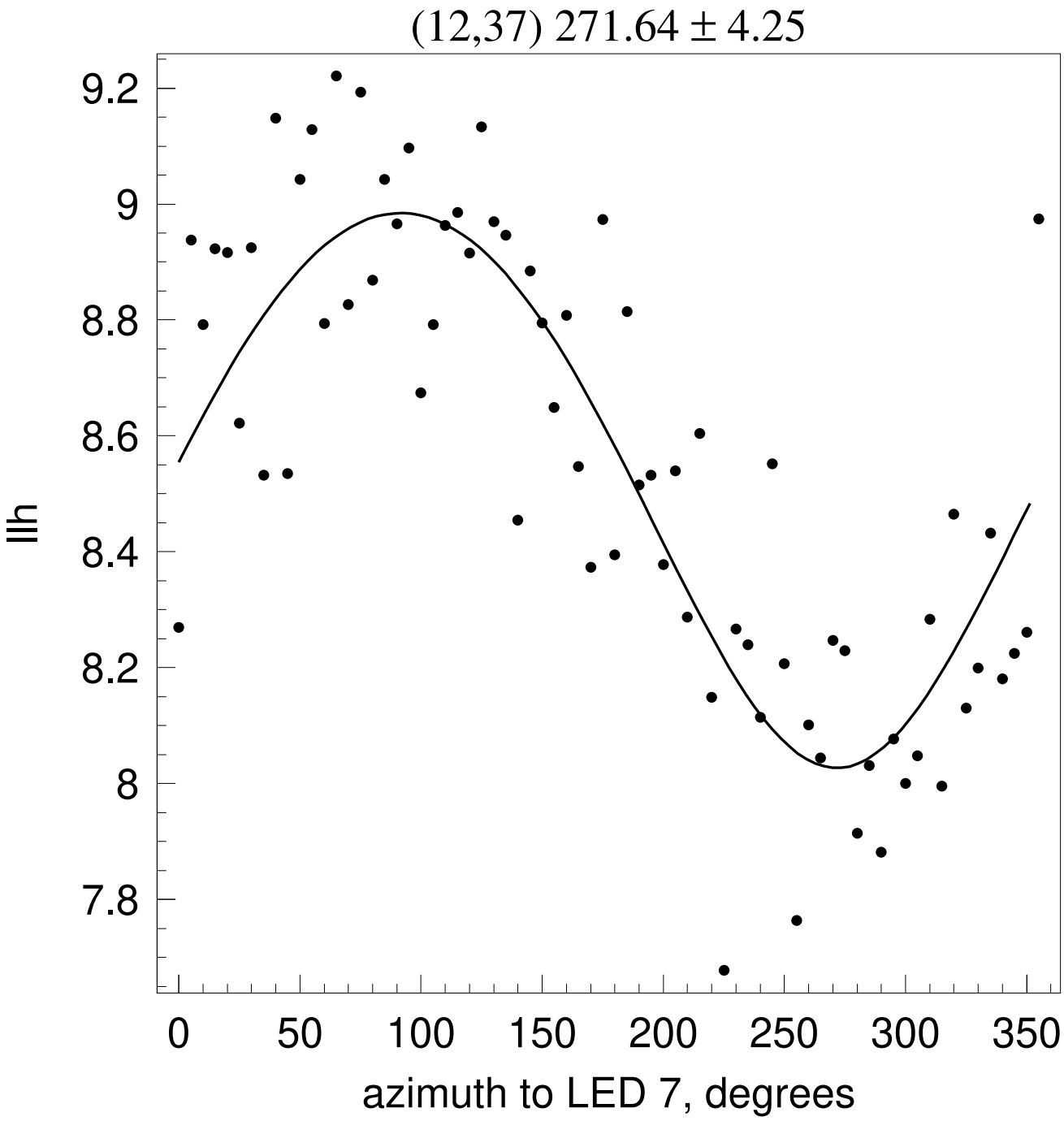

(12,32) 88.25 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

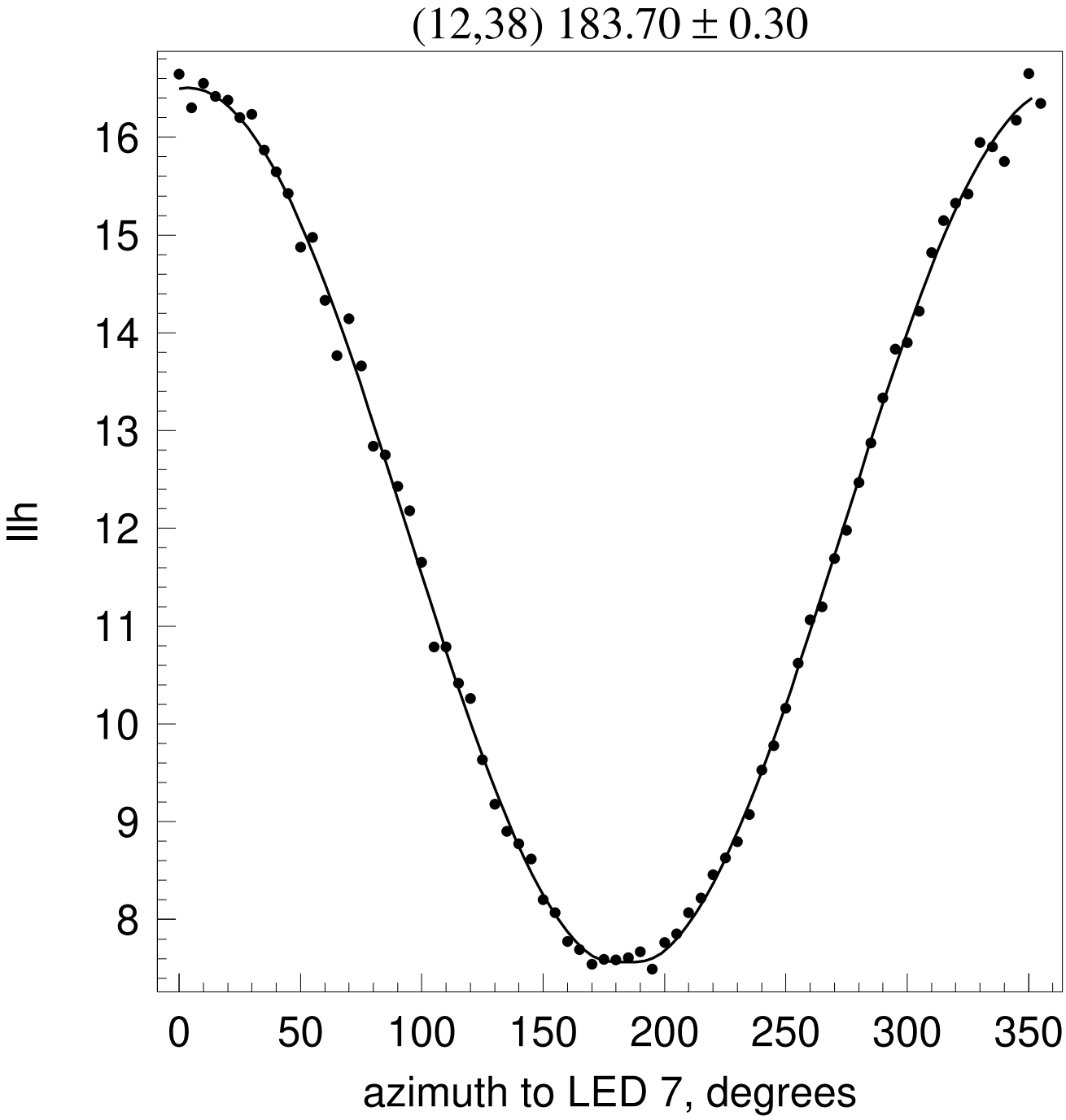

(12,33) 225.51 ± 0.36
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

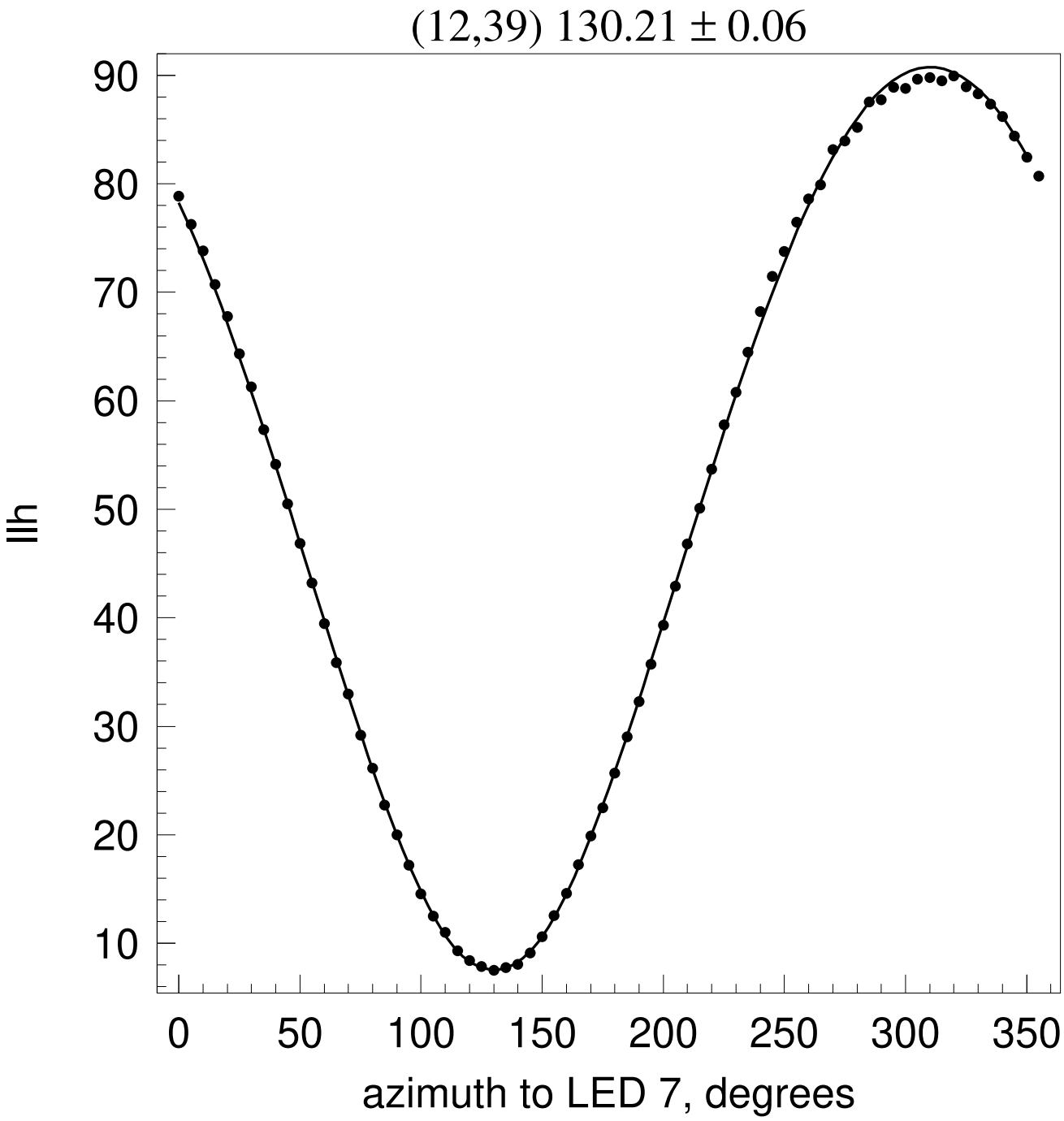

(12,34) 43.75 ± 1.85
11.5
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

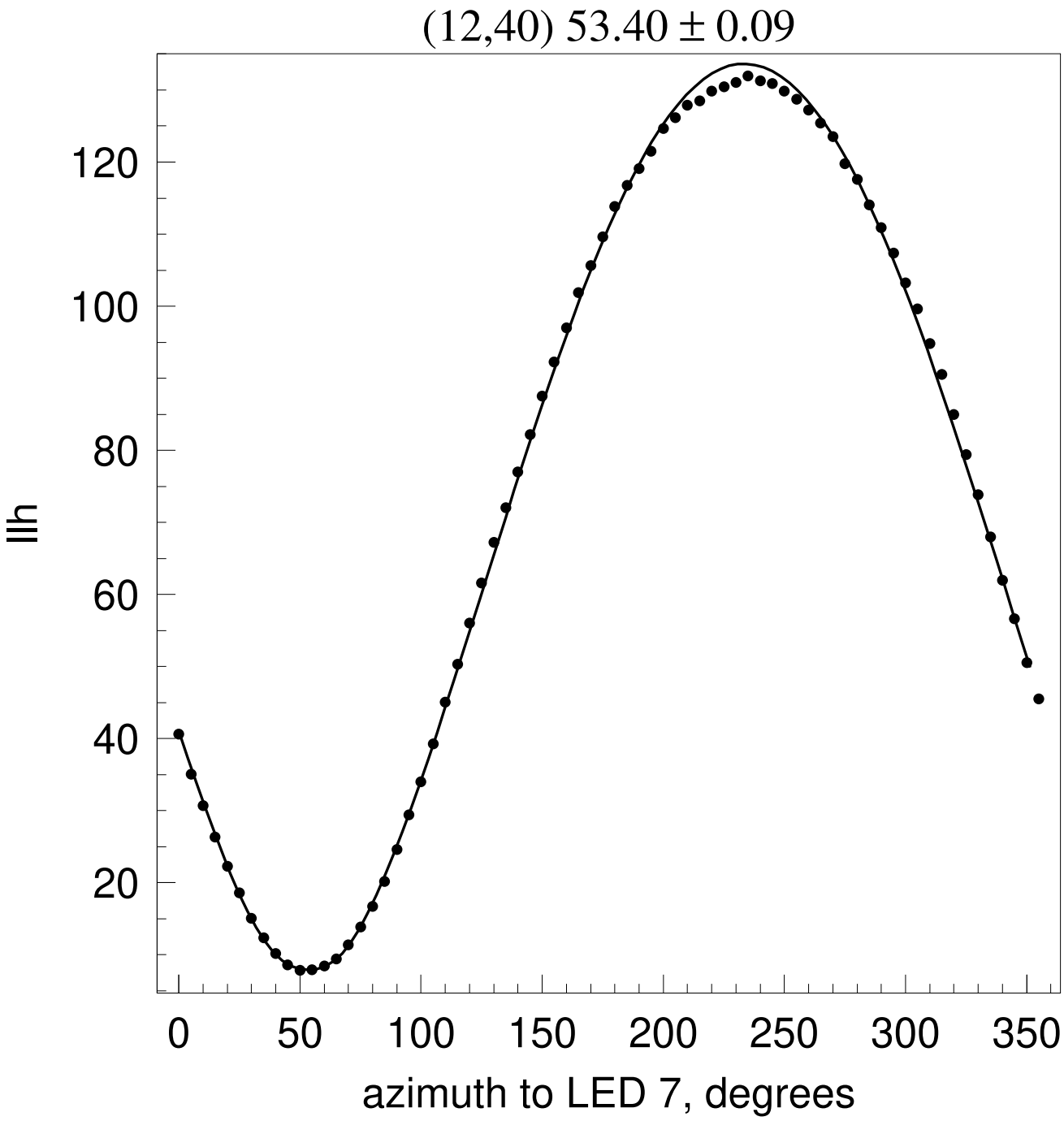

(12,35) 60.01 ± 6.77
llh
9.4
9.2
9
8.8
8.6
8.4
8.2
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

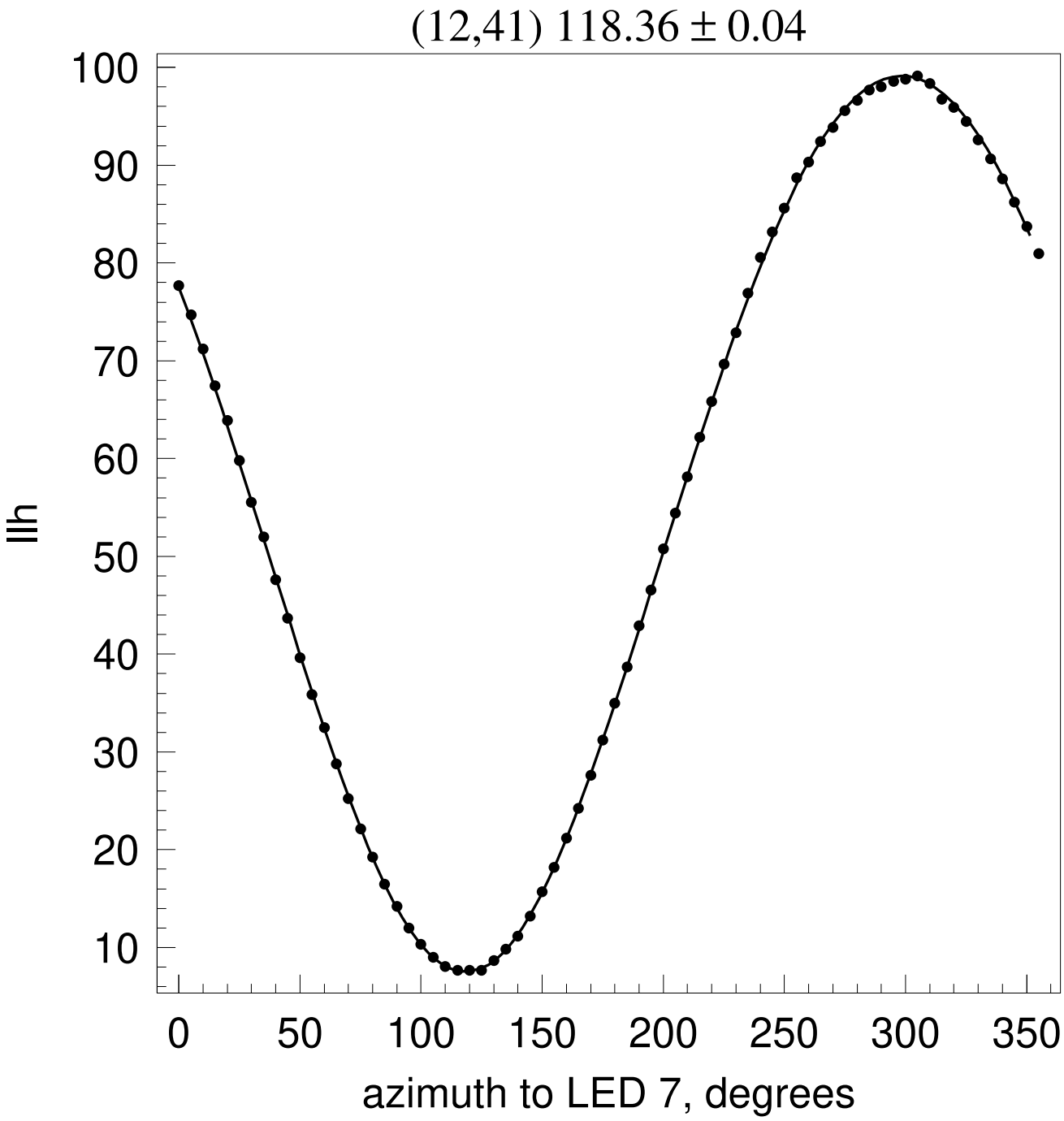

(12,36) 195.26 ± 61.18
8.6
8.4
8.2
8
7.8
7.6
7.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

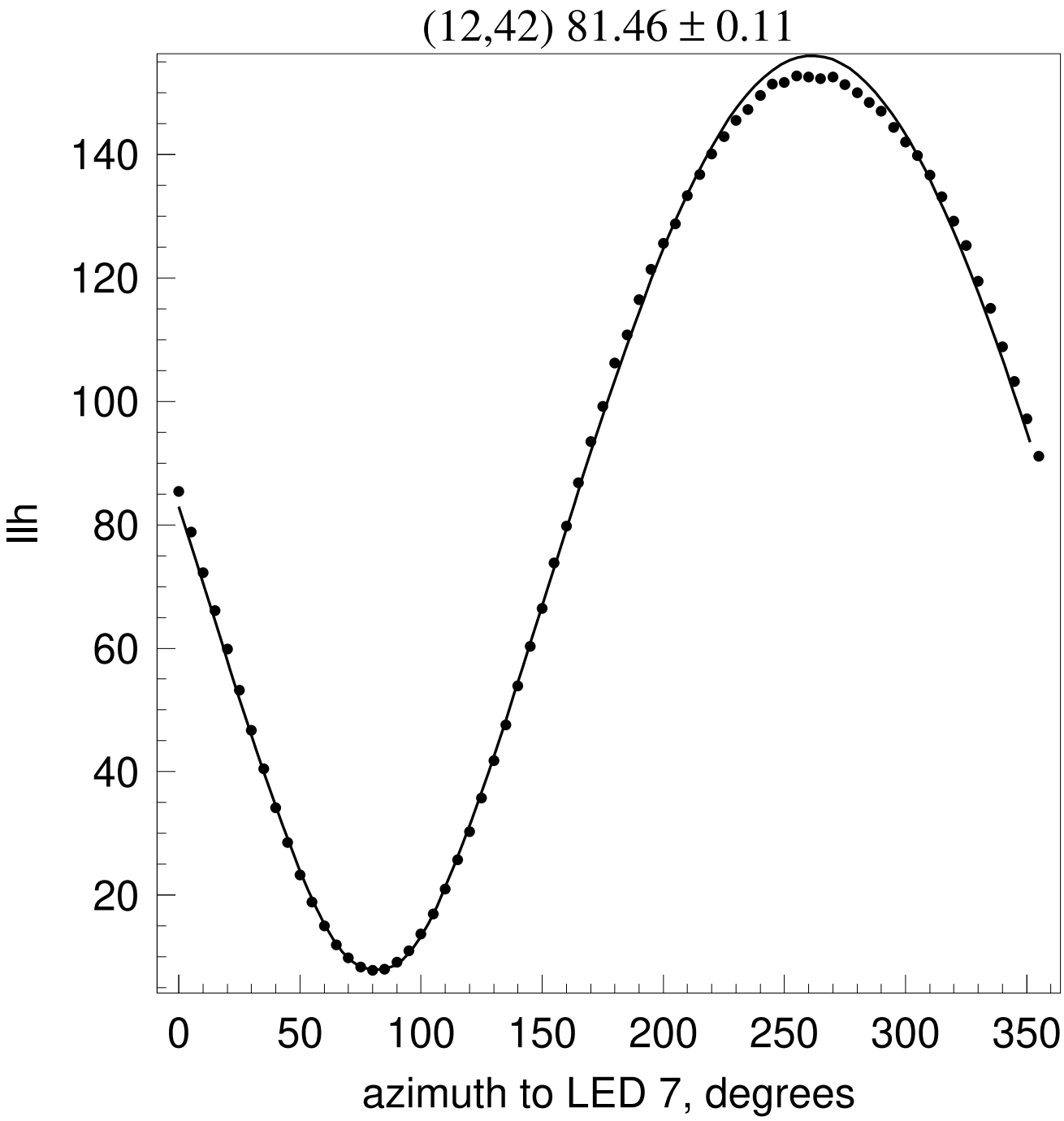

(12,37) 271.64 ± 4.25
9.2
9
8.8
8.6
8.4
8.2
8
7.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

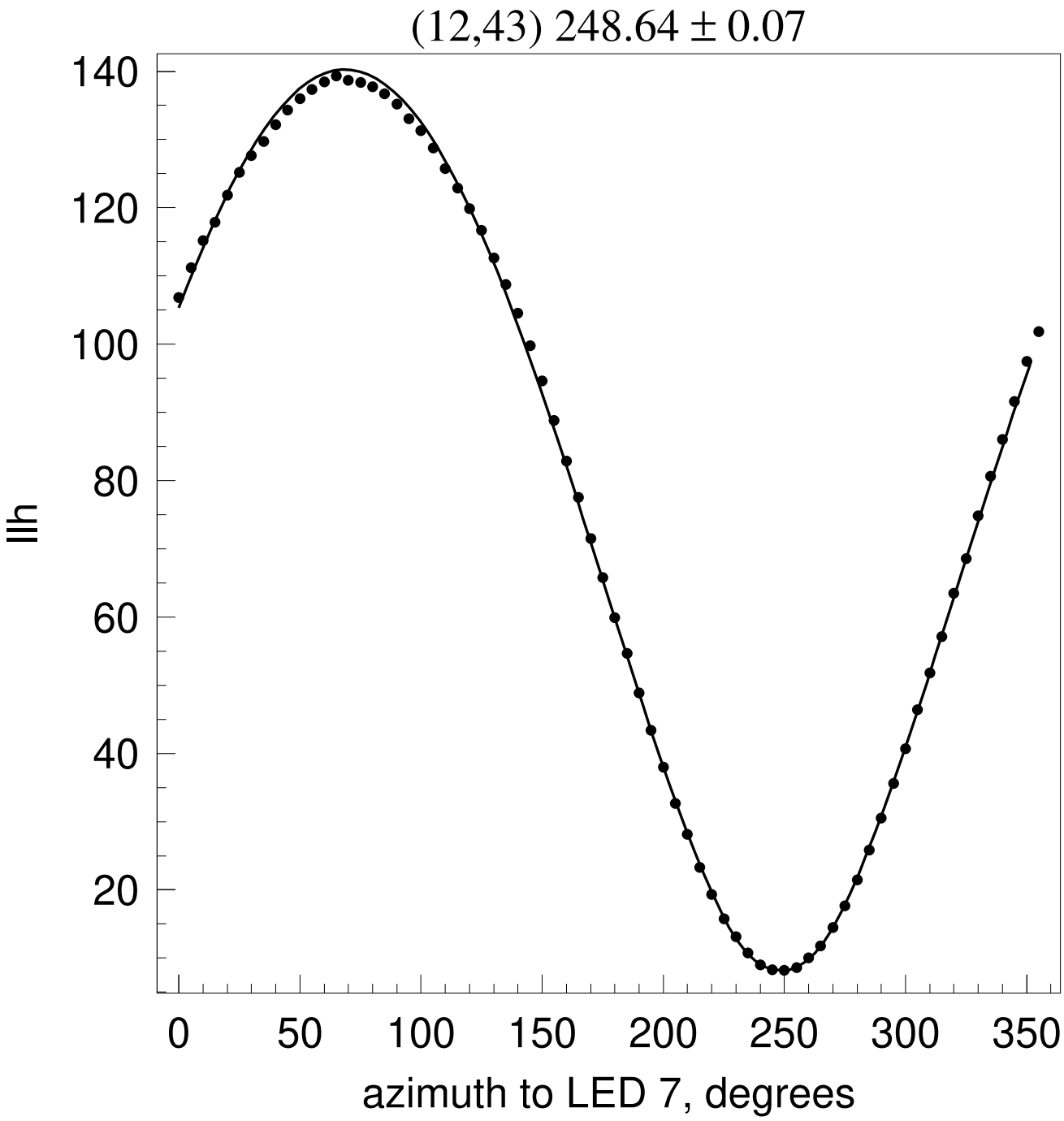

(12,38) 183.70 ± 0.30
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

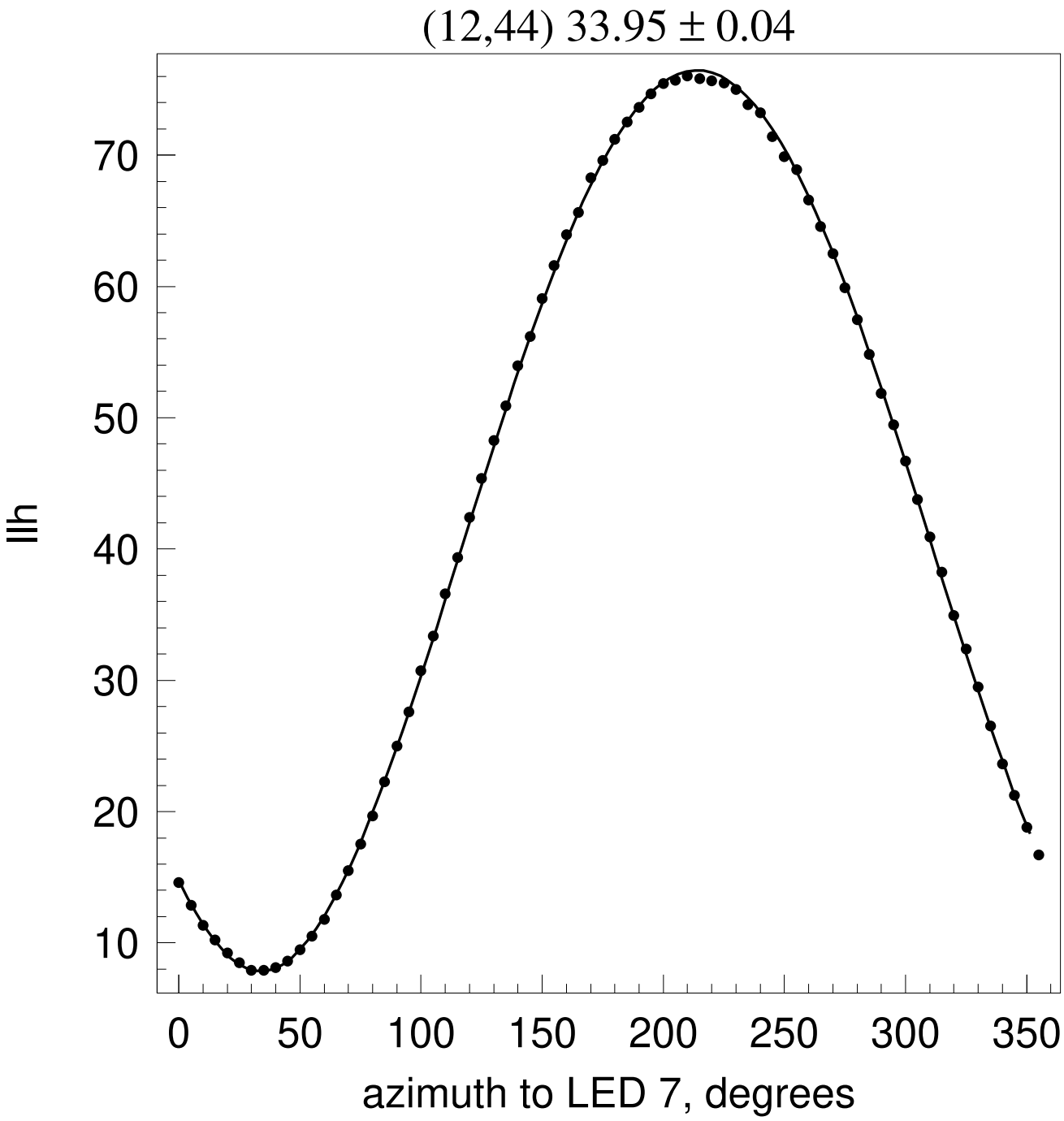

(12,39) 130.21 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

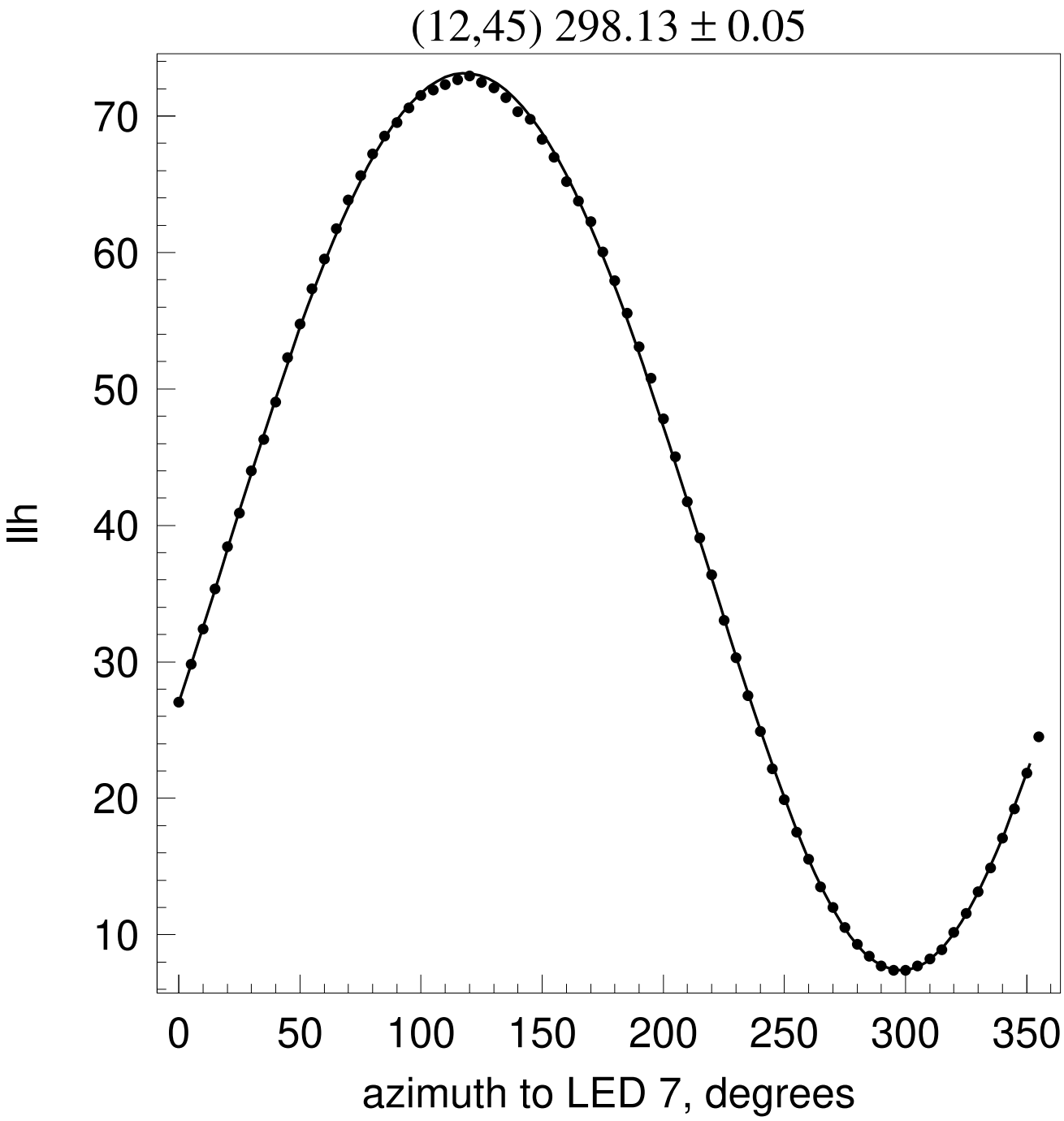

(12,40) 53.40 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

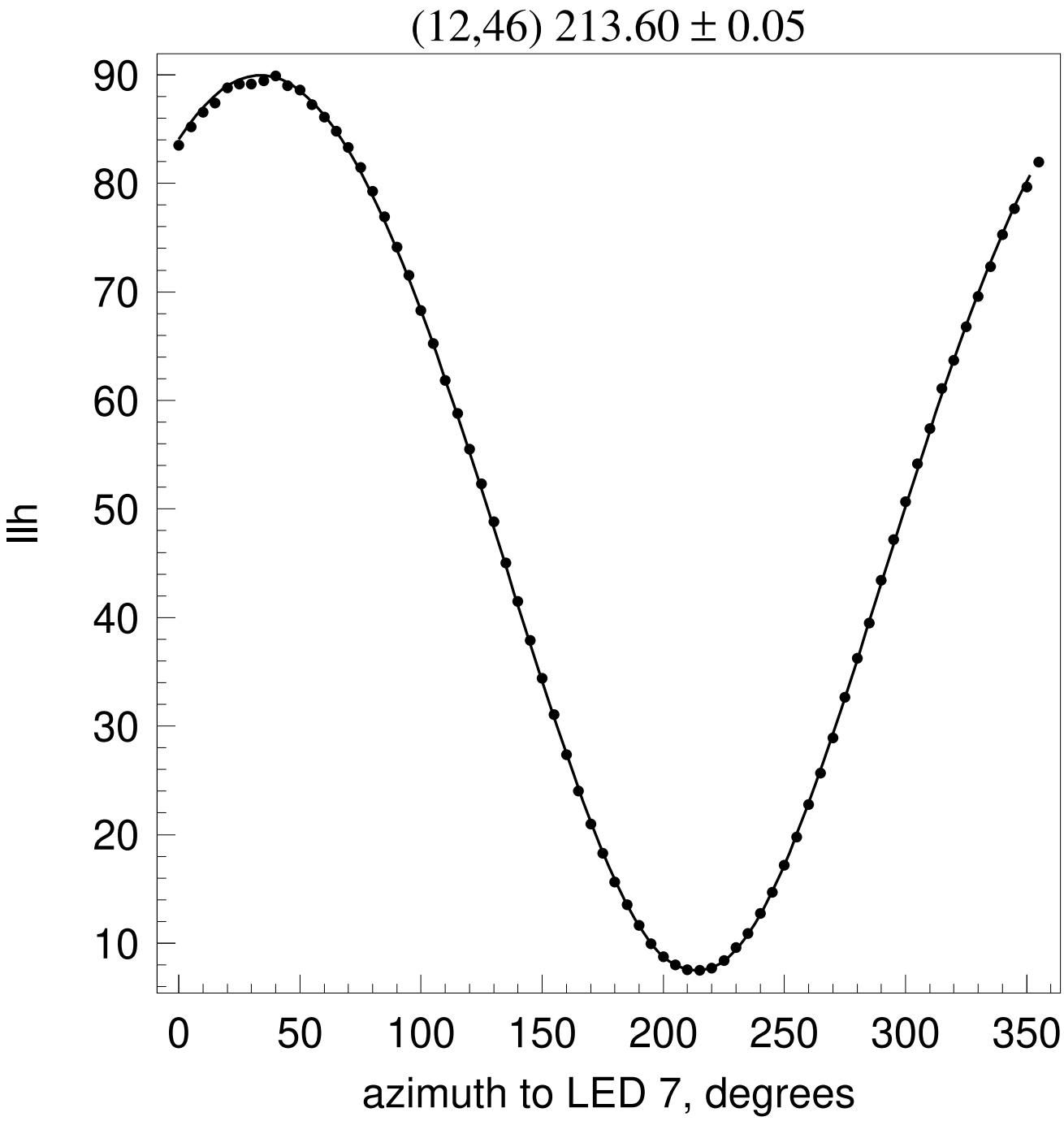

(12,41) 118.36 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

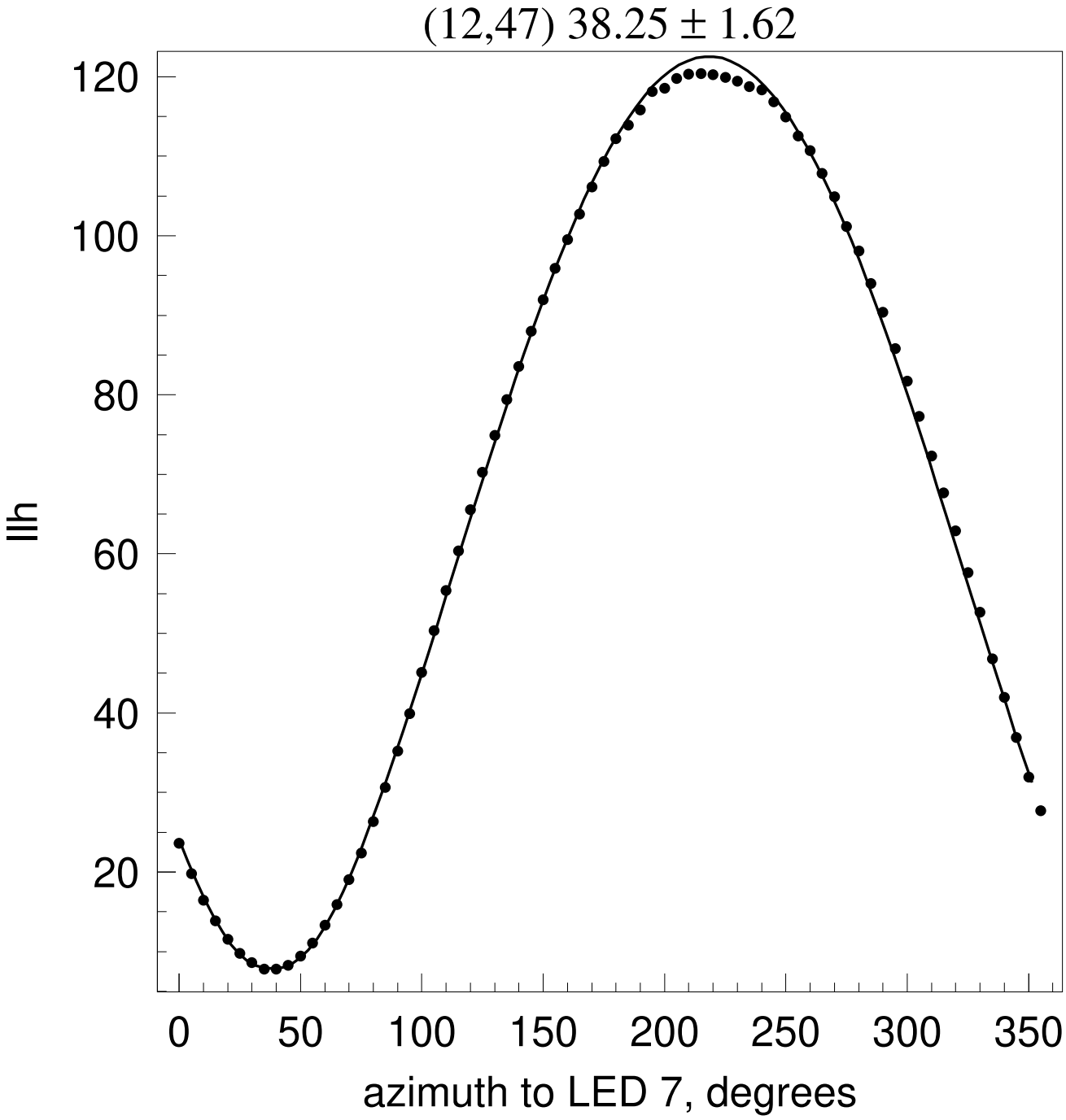

(12,42) 81.46 ± 0.11
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

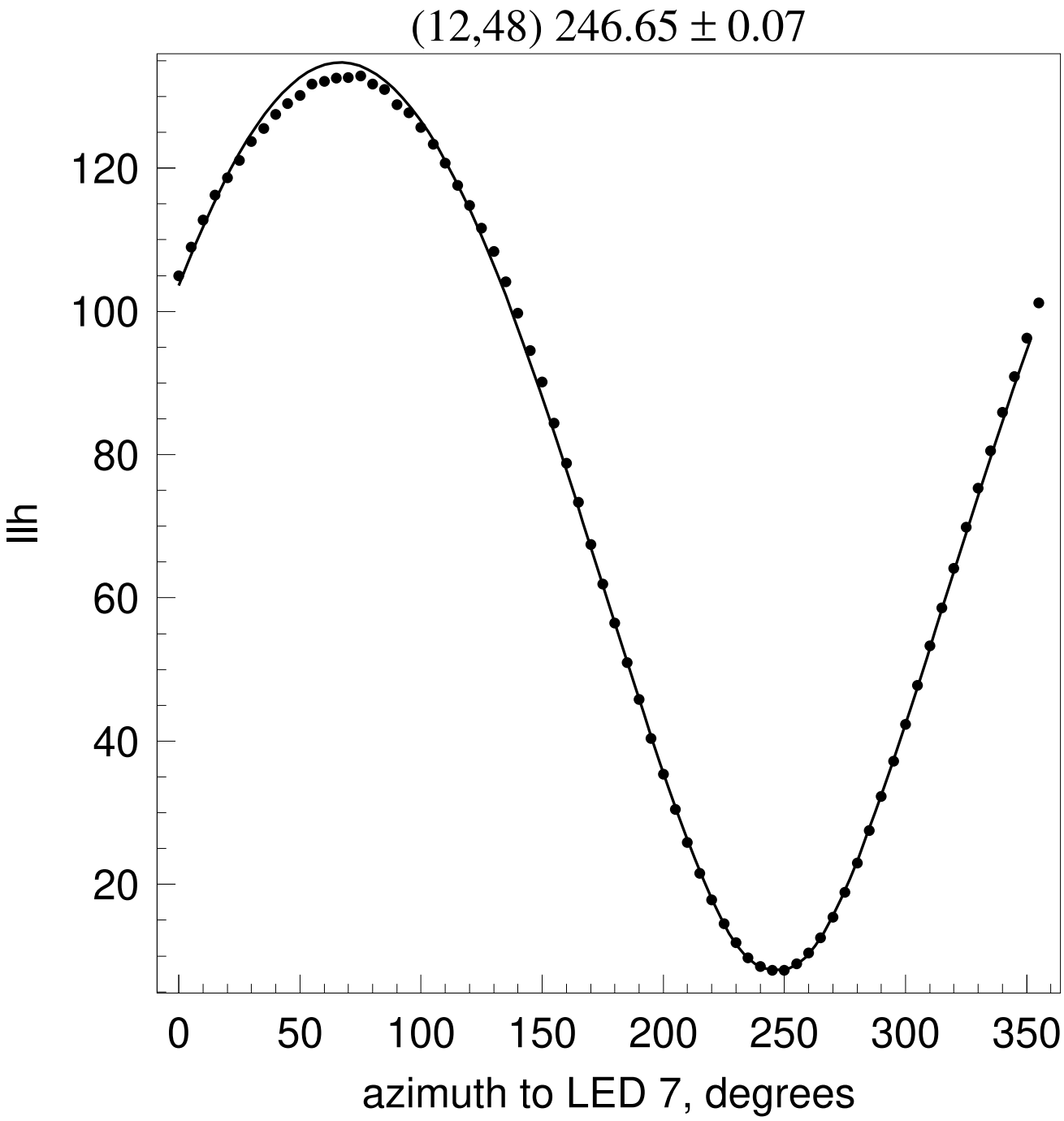

(12,43) 248.64 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

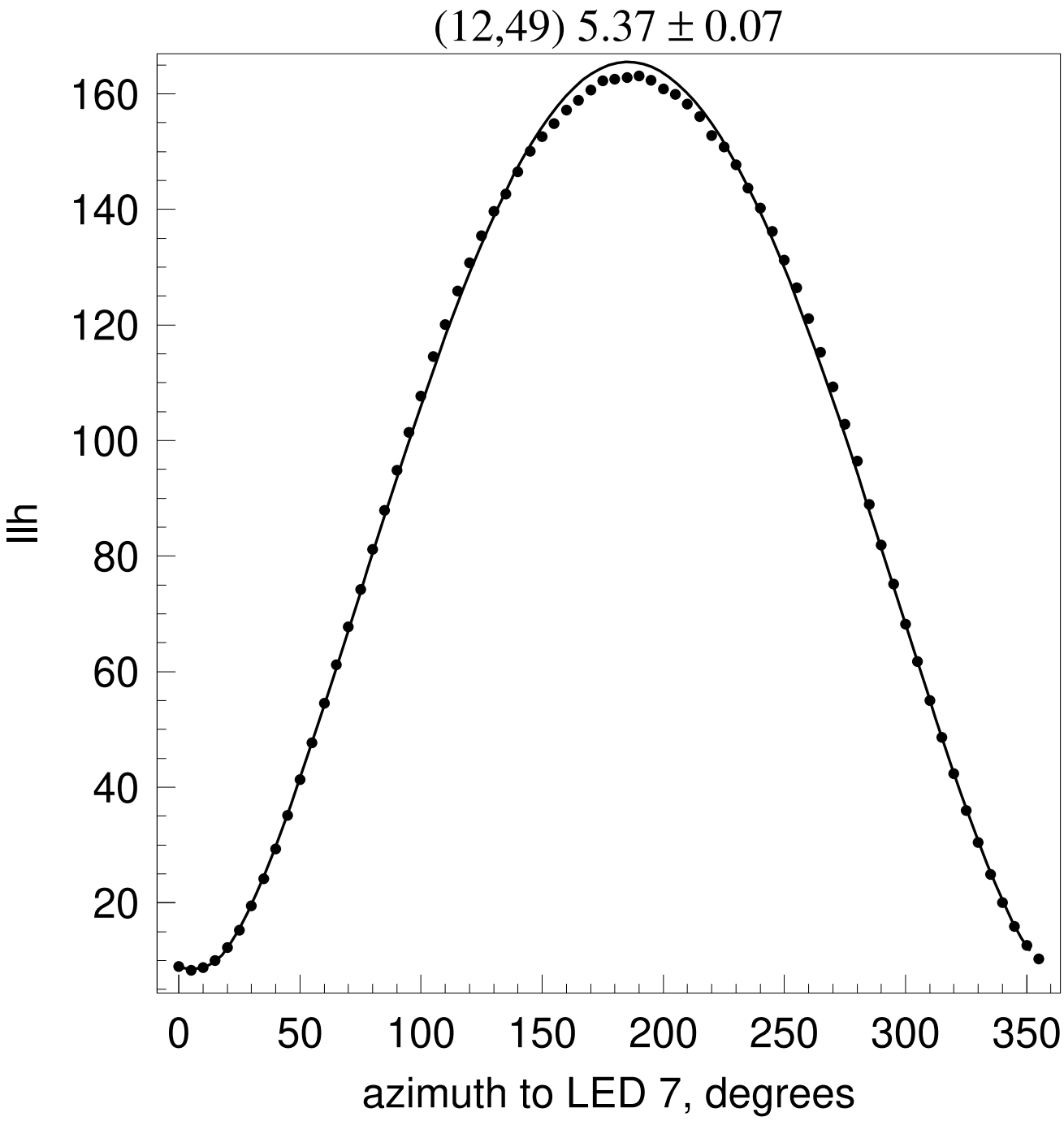

(12,44) 33.95 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

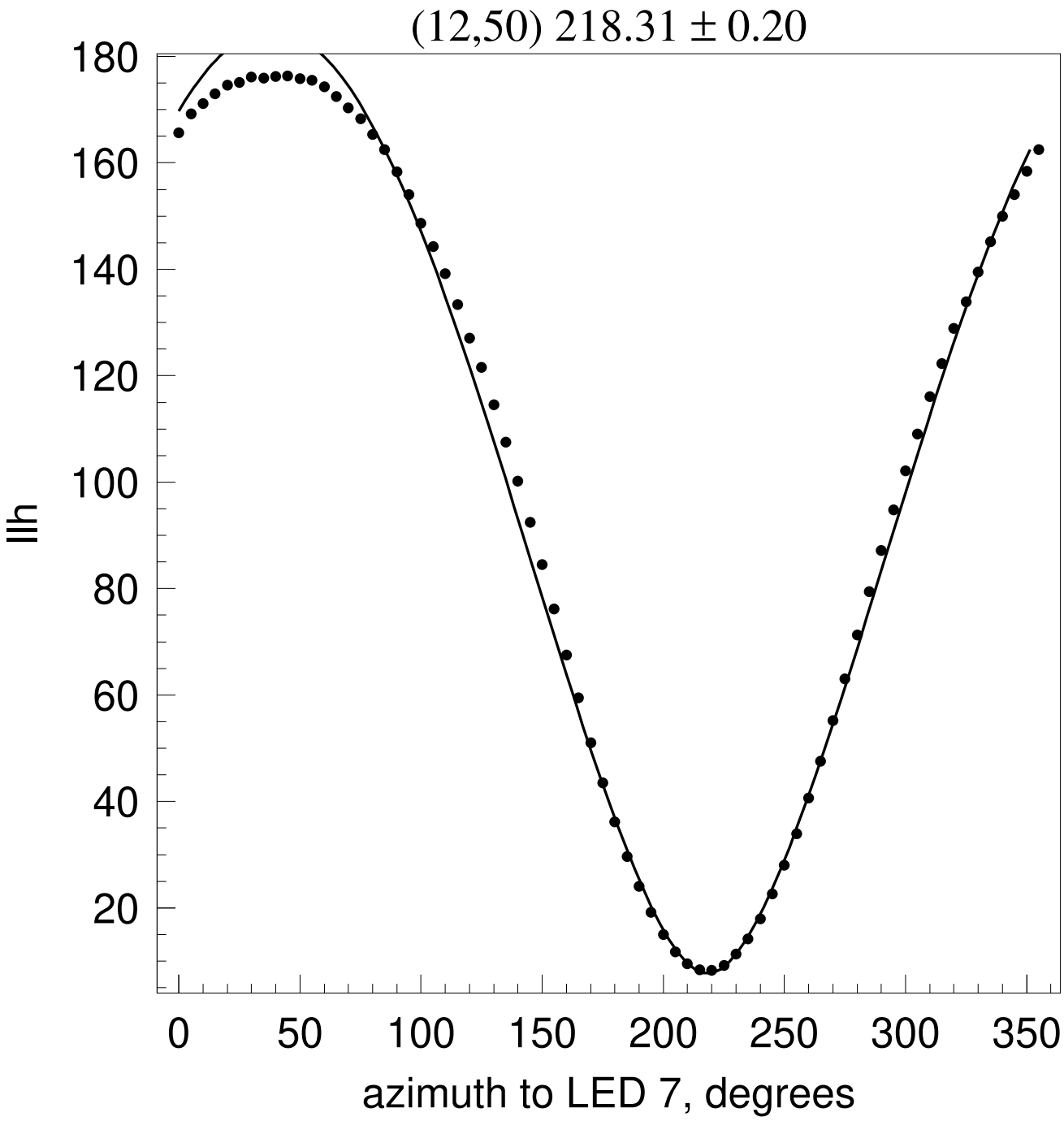

(12,45) 298.13 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

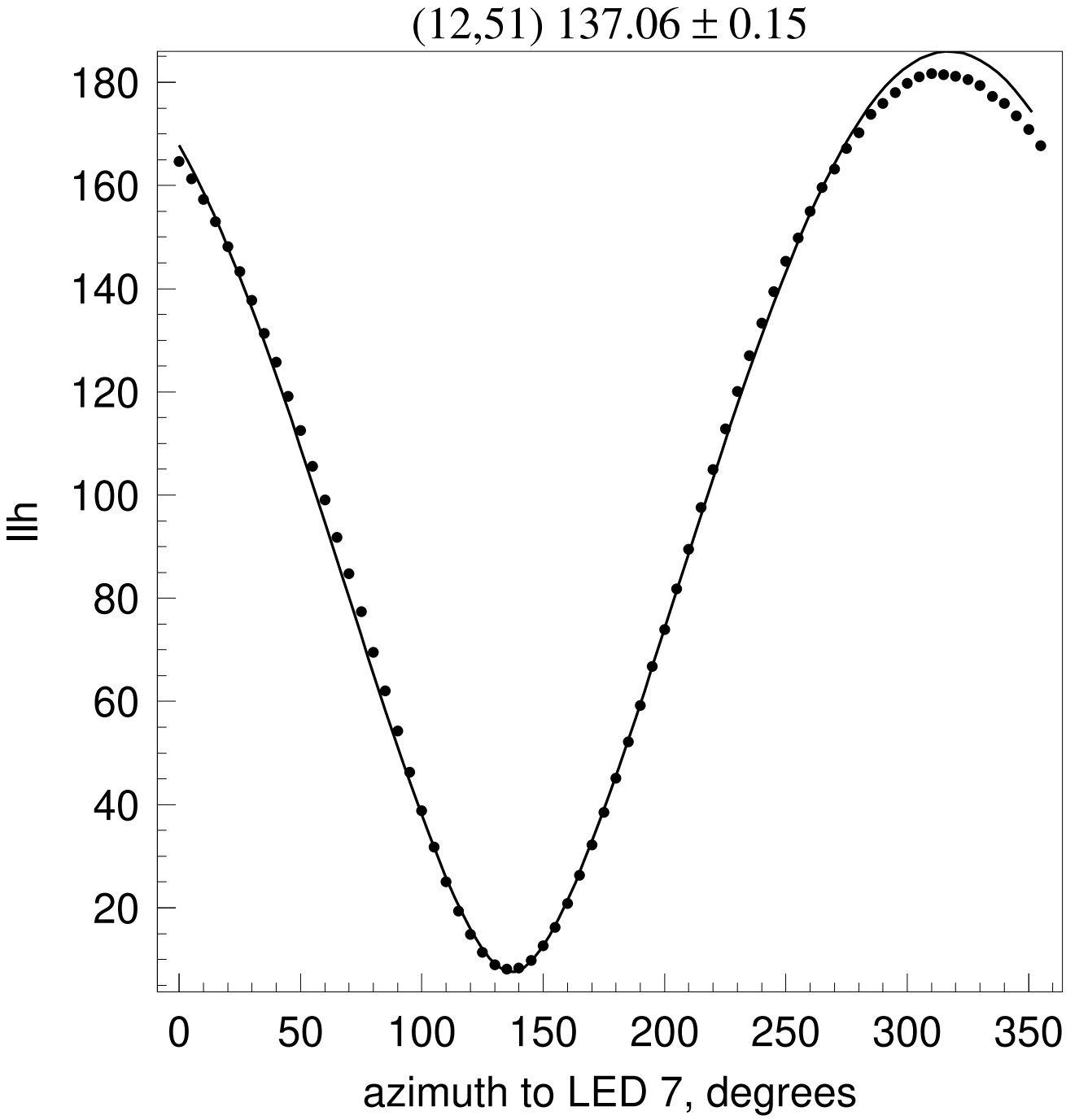

(12,46) 213.60 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

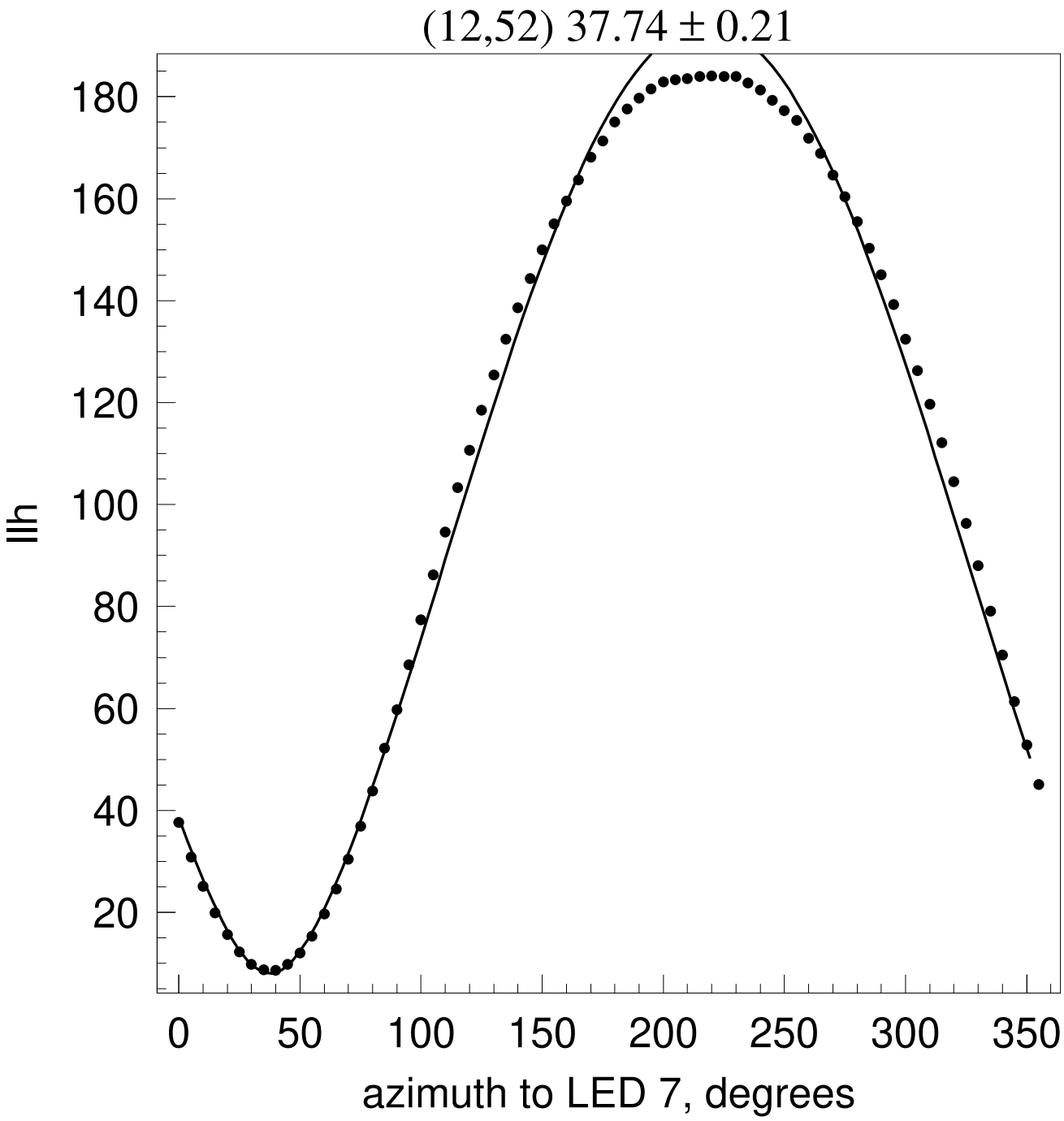

(12,47) 38.25 ± 1.62
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

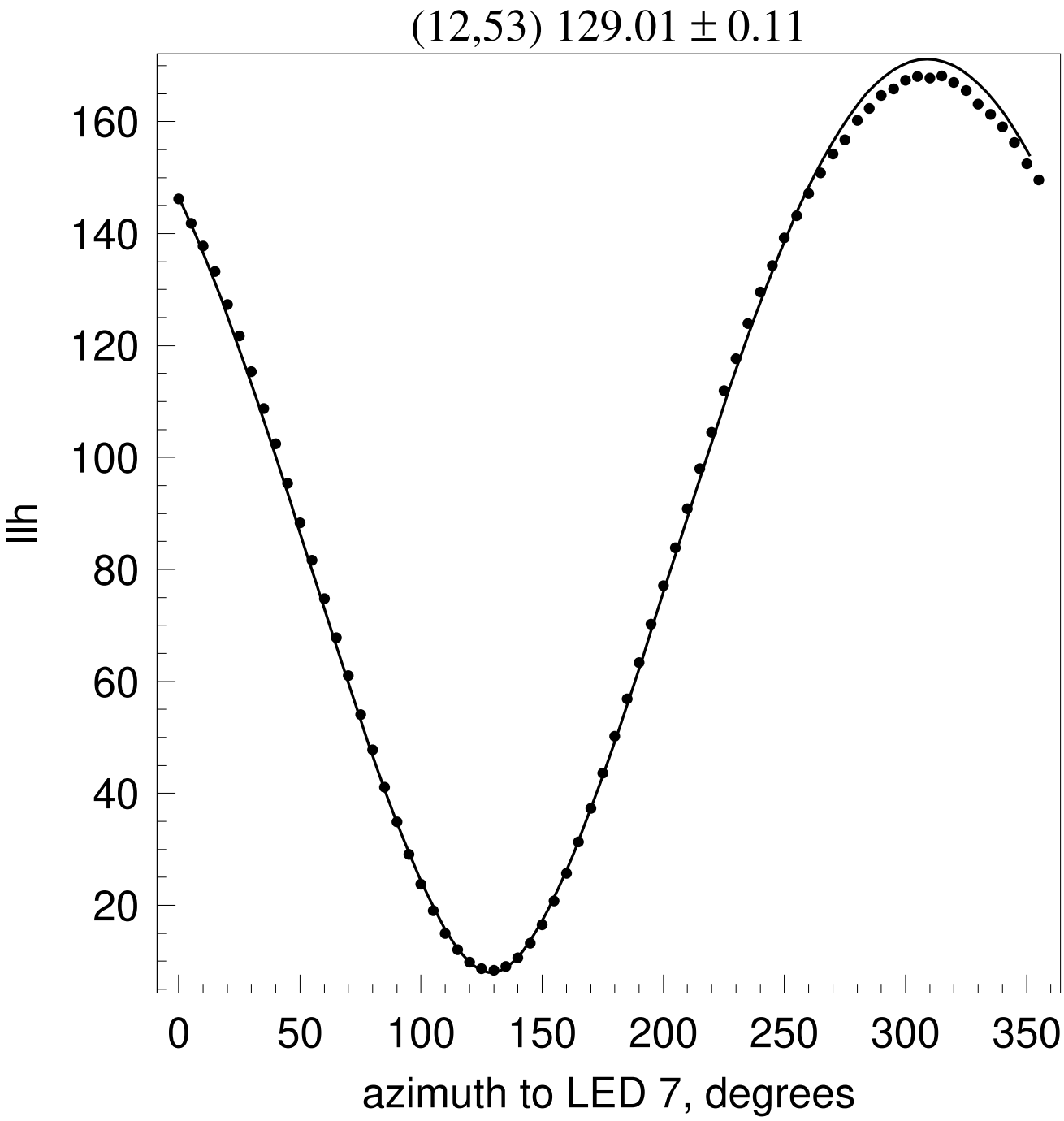

(12,48) 246.65 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

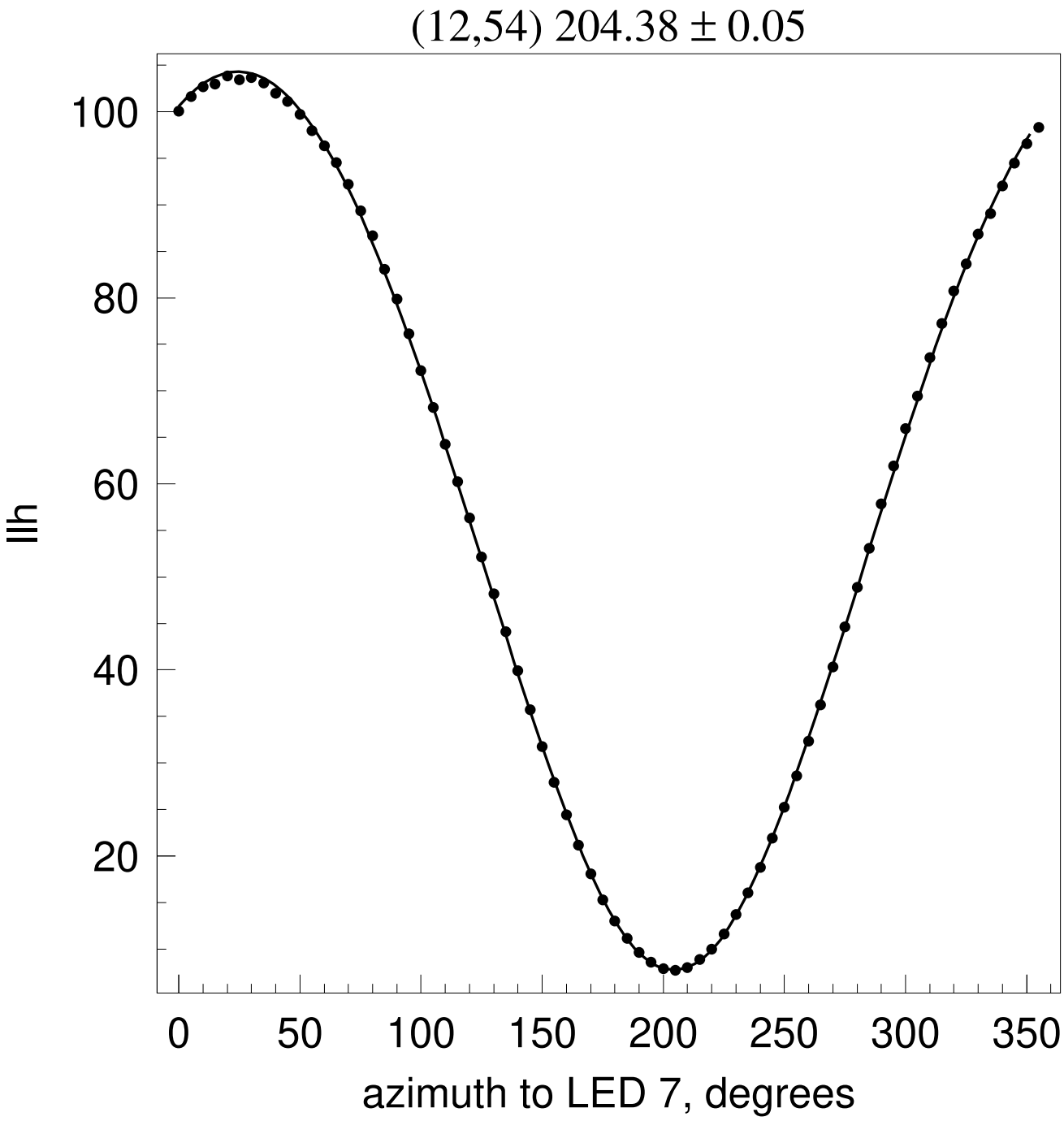

(12,49) 5.37 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

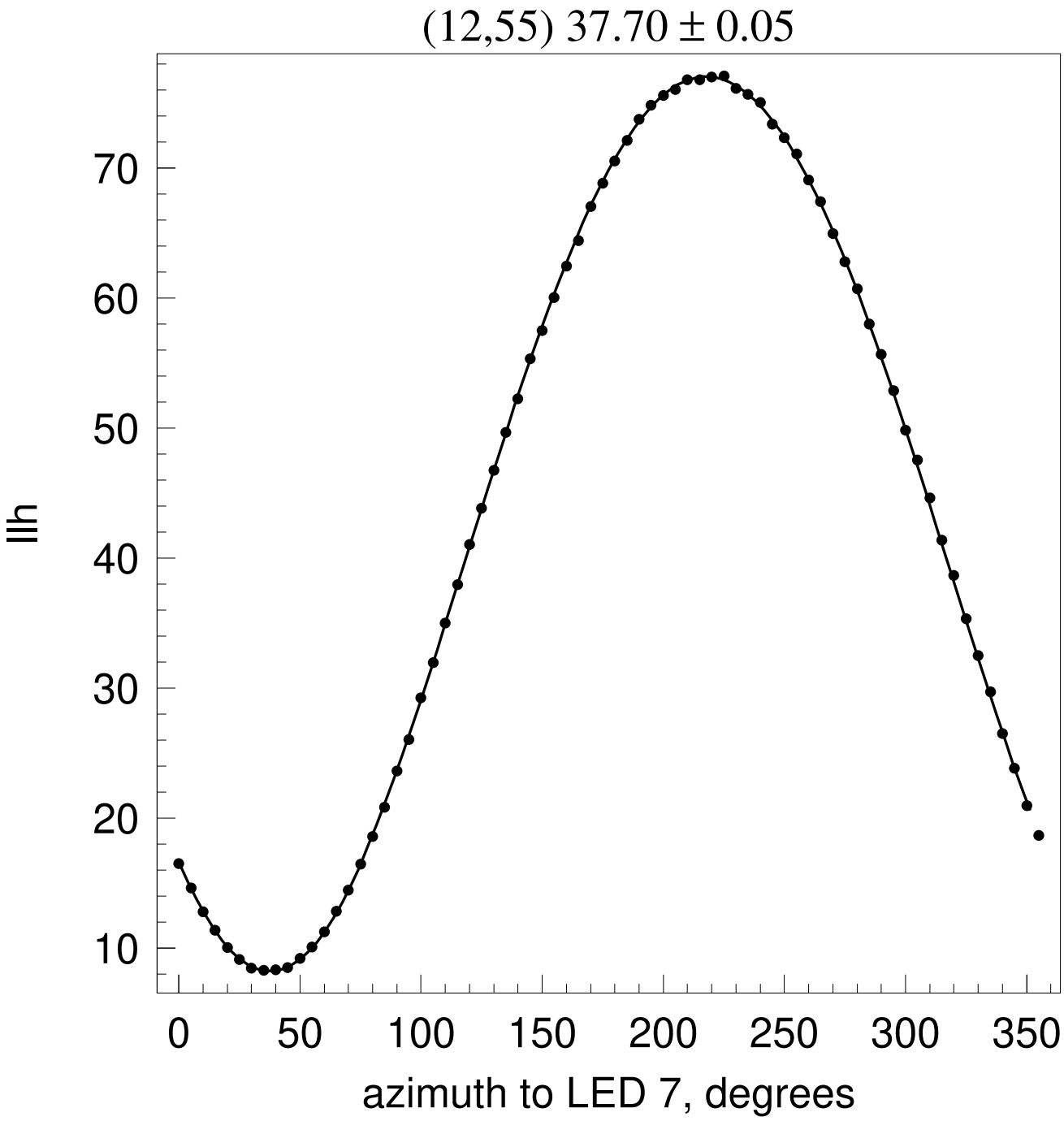

(12,50) 218.31 ± 0.20
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

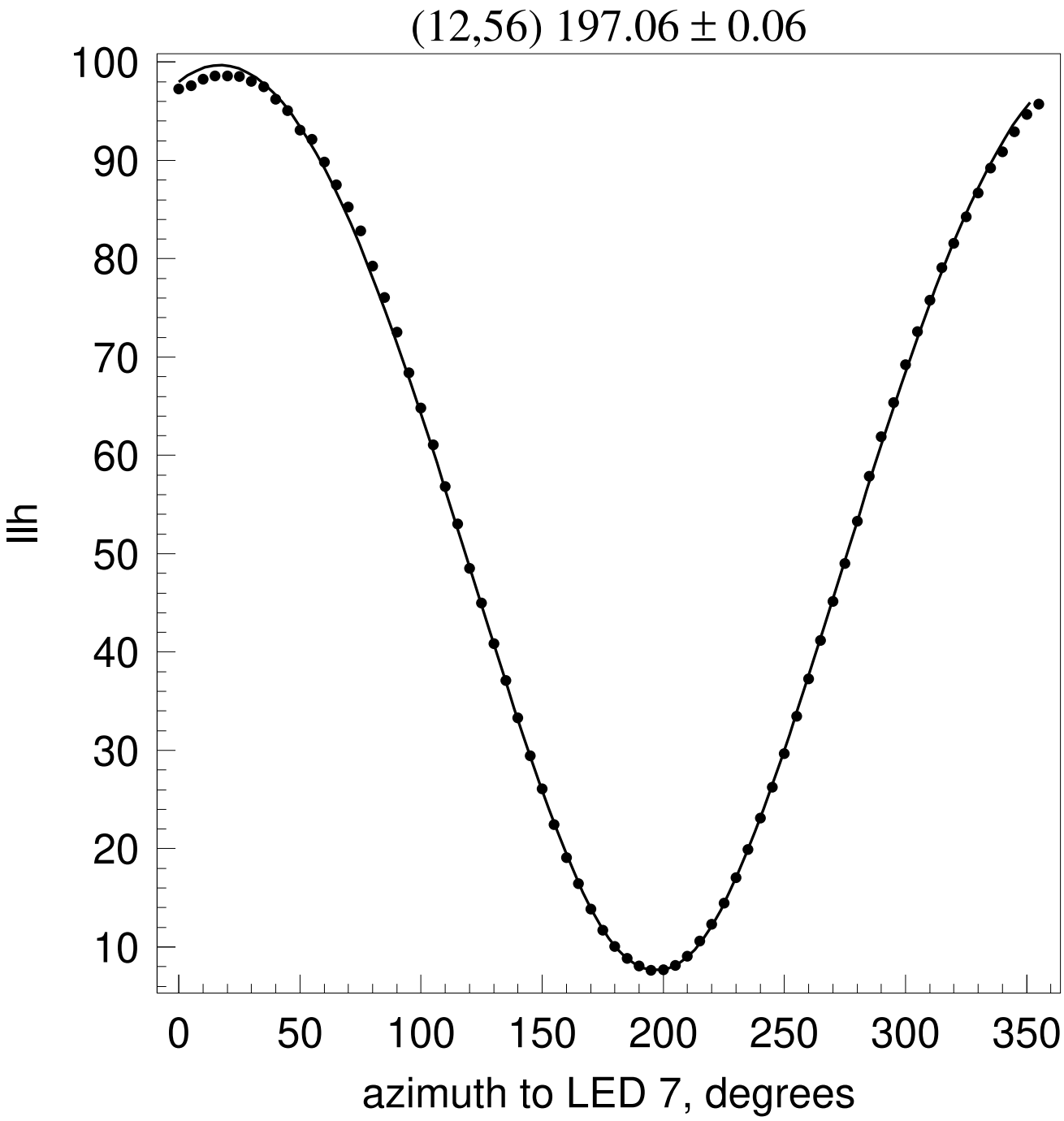

(12,51) 137.06 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

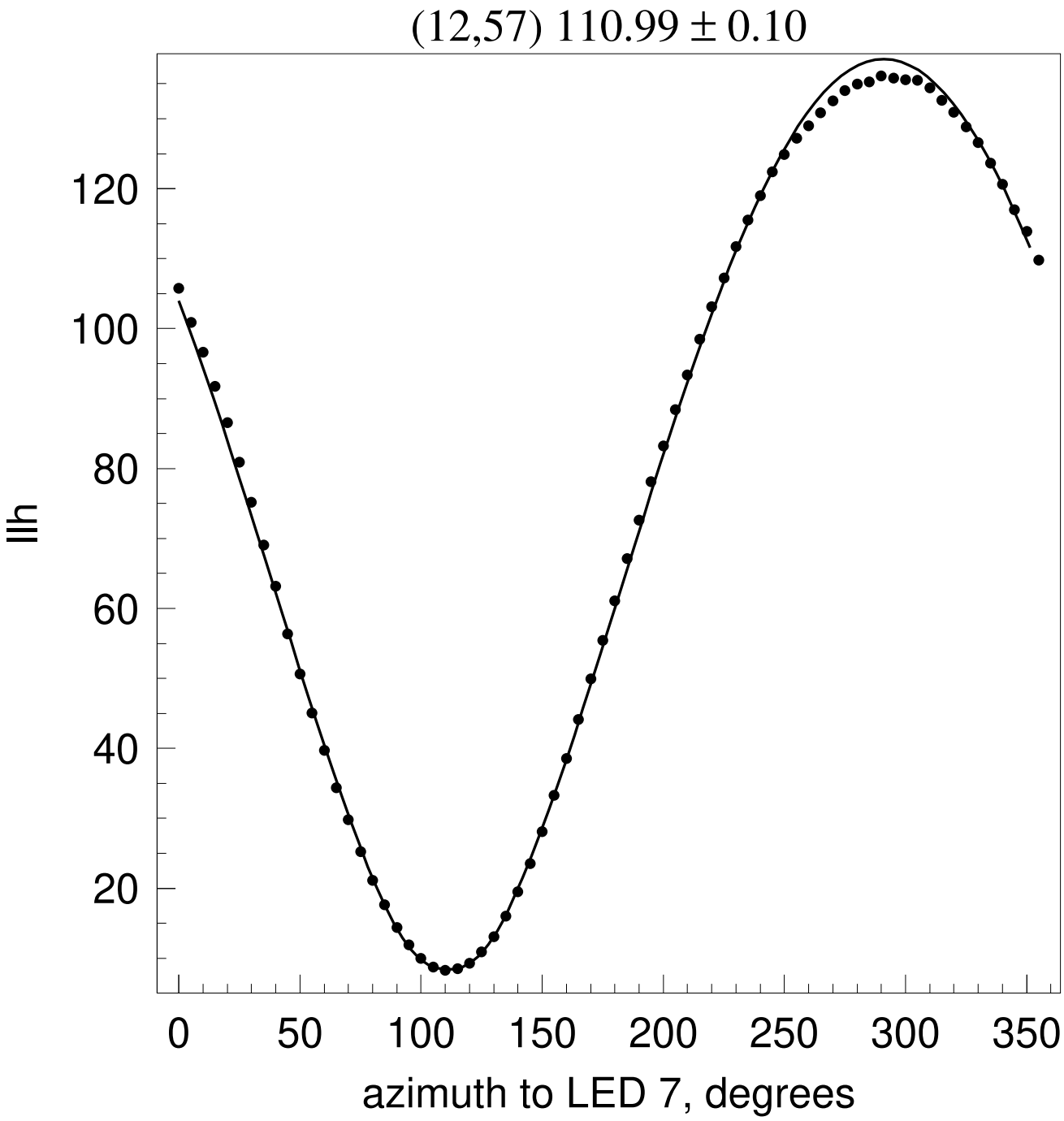

(12,52) 37.74 ± 0.21
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

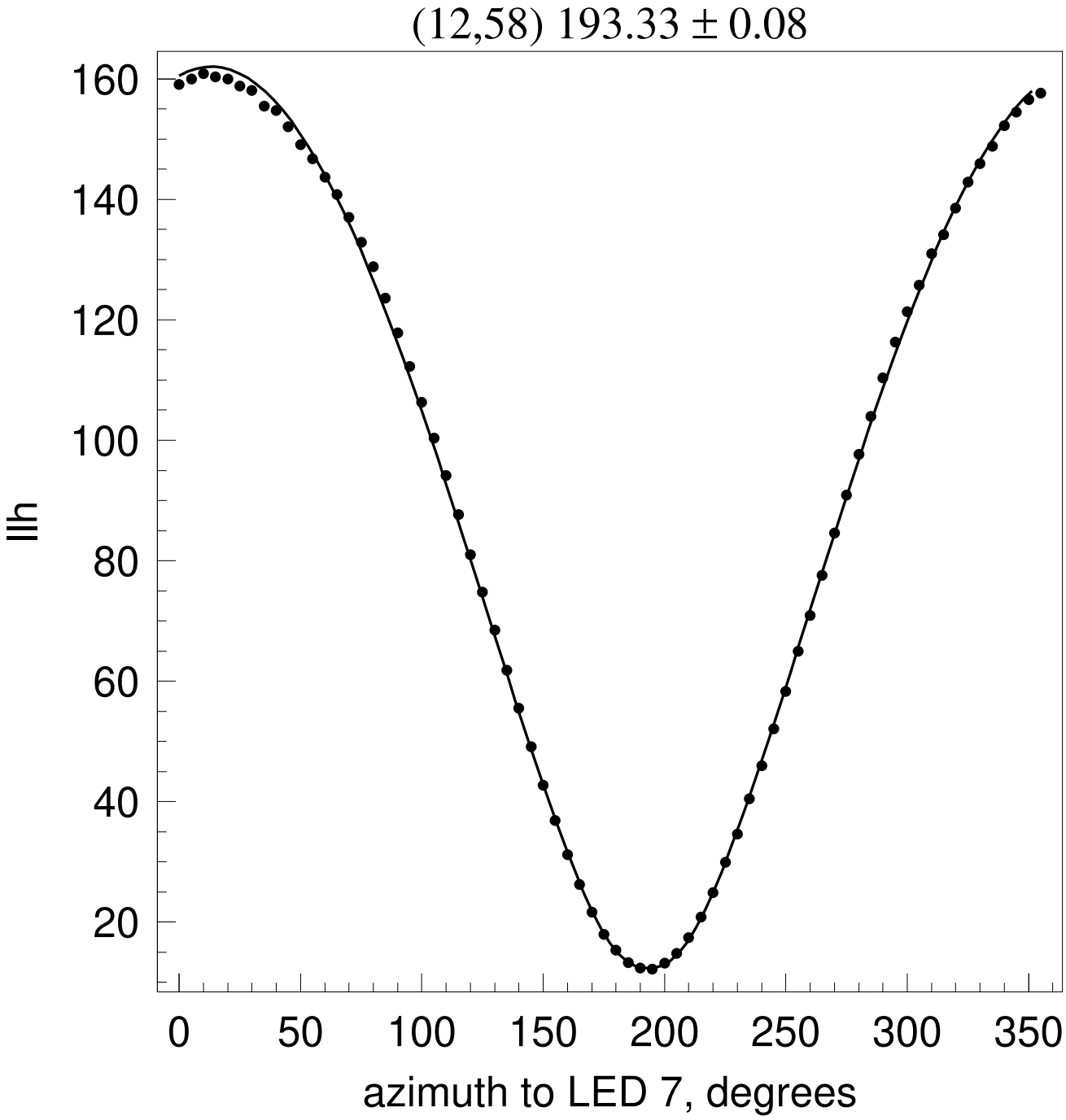

(12,53) 129.01 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

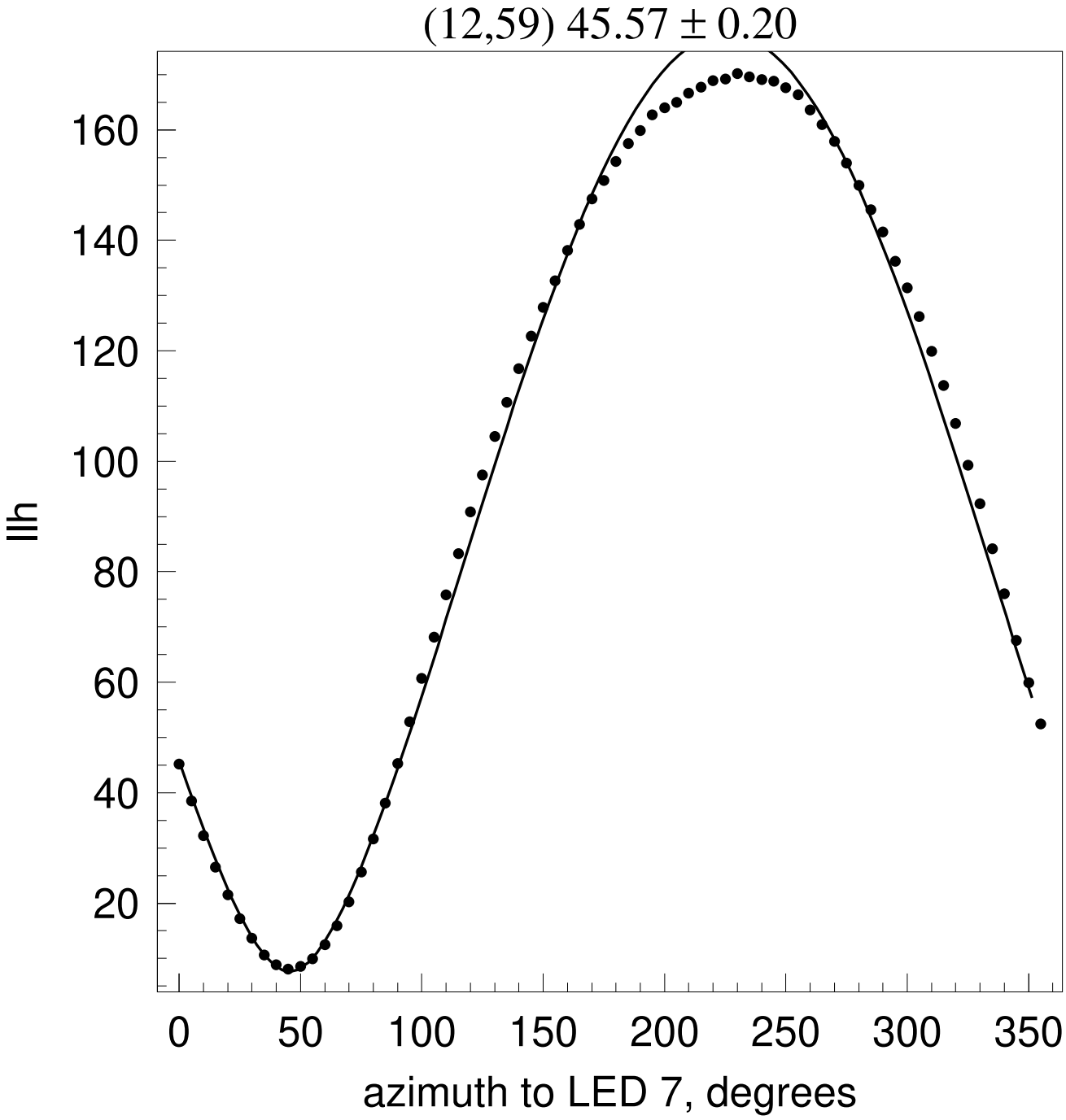

(12,54) 204.38 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

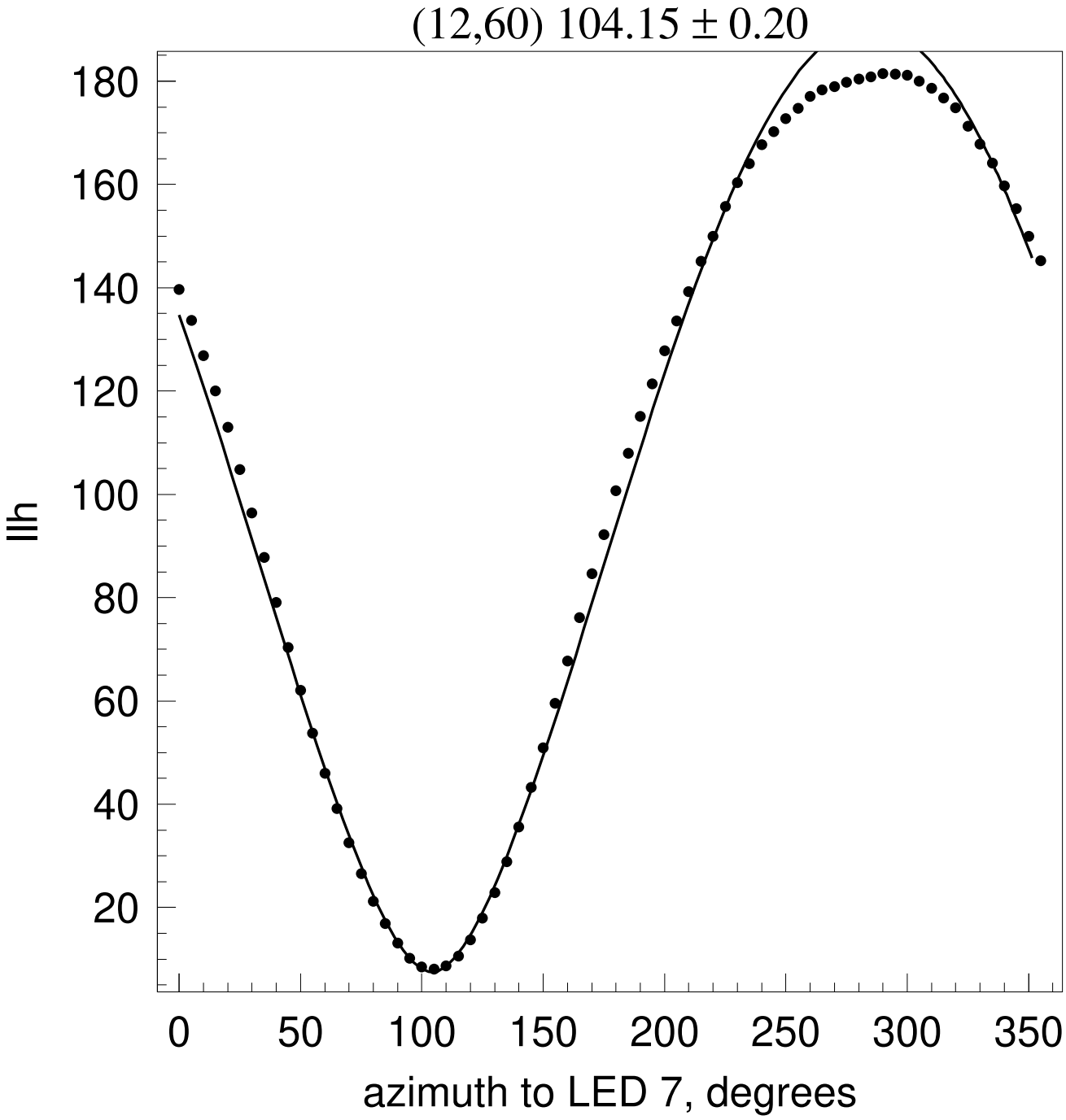

(12,55) 37.70 ± 0.05
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

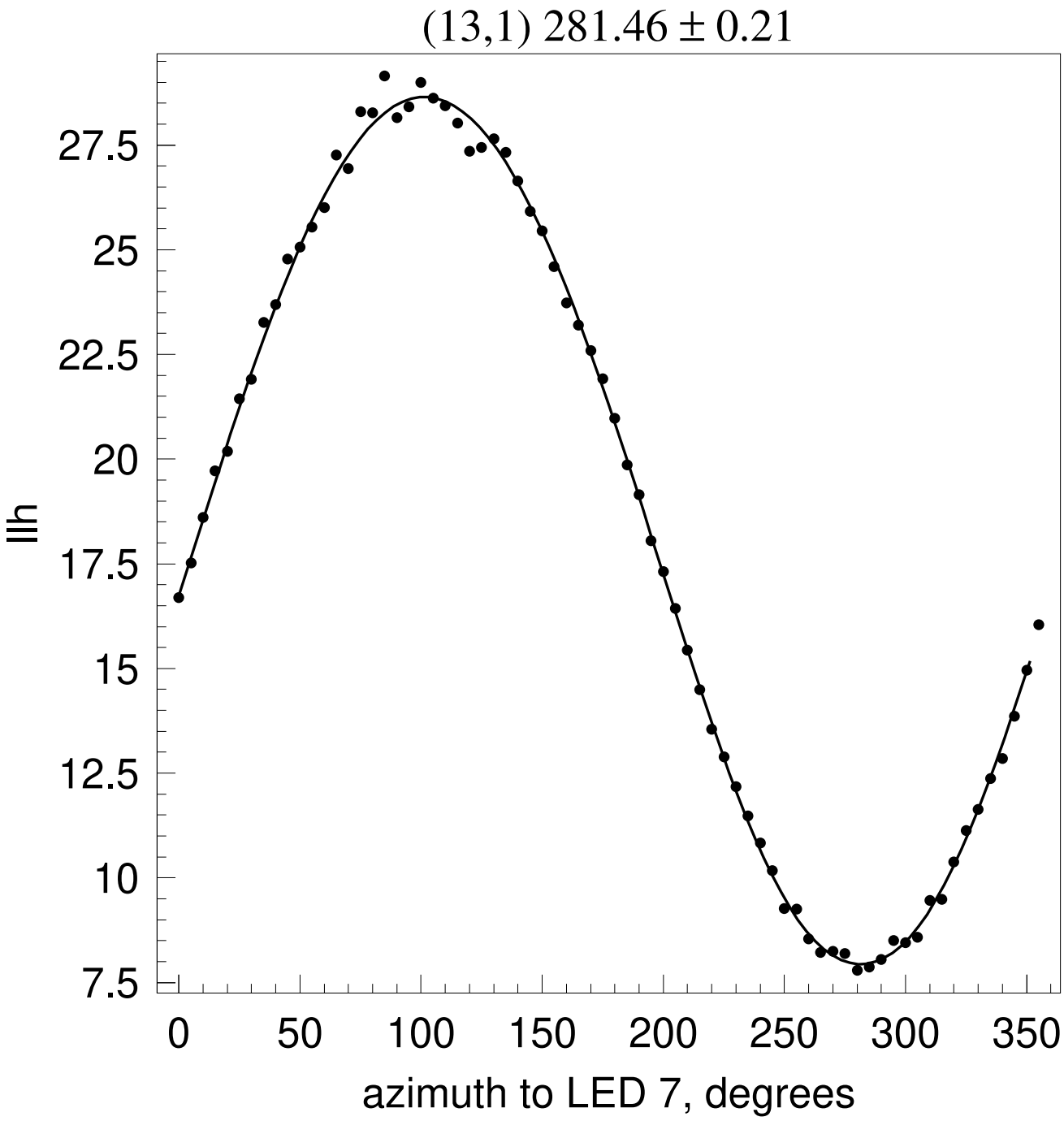

(12,56) 197.06 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

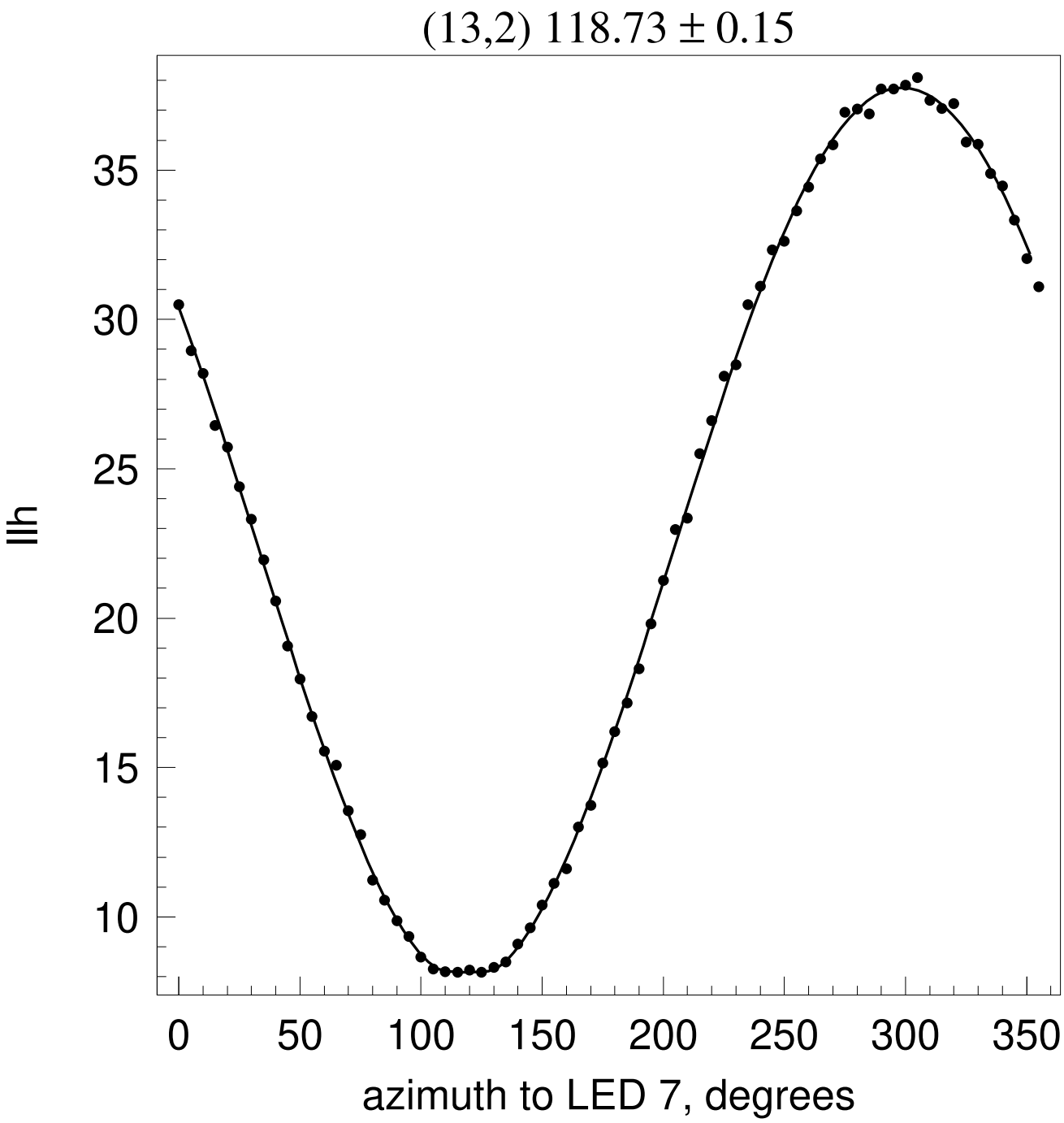

(12,57) 110.99 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

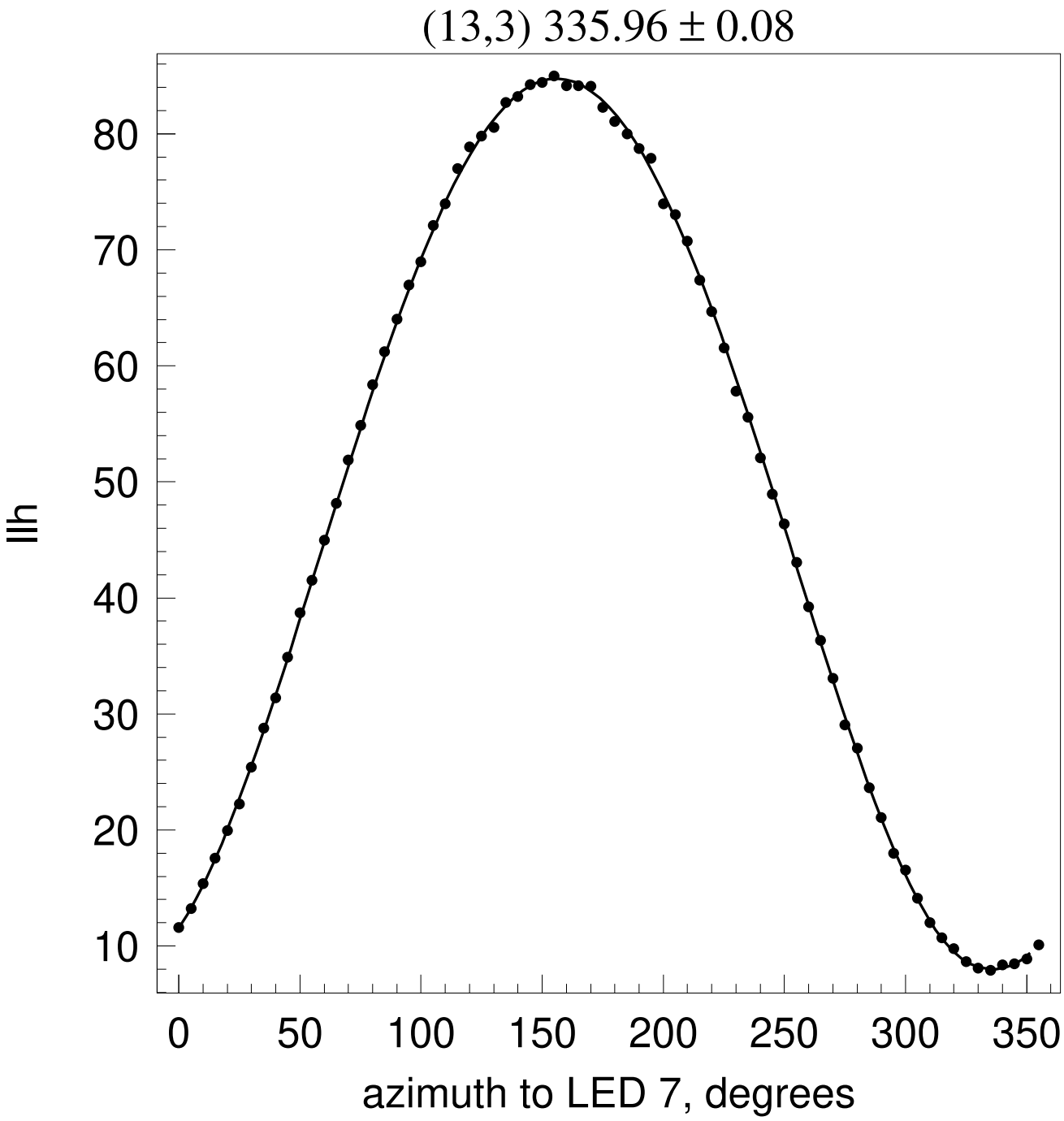

(12,58) 193.33 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

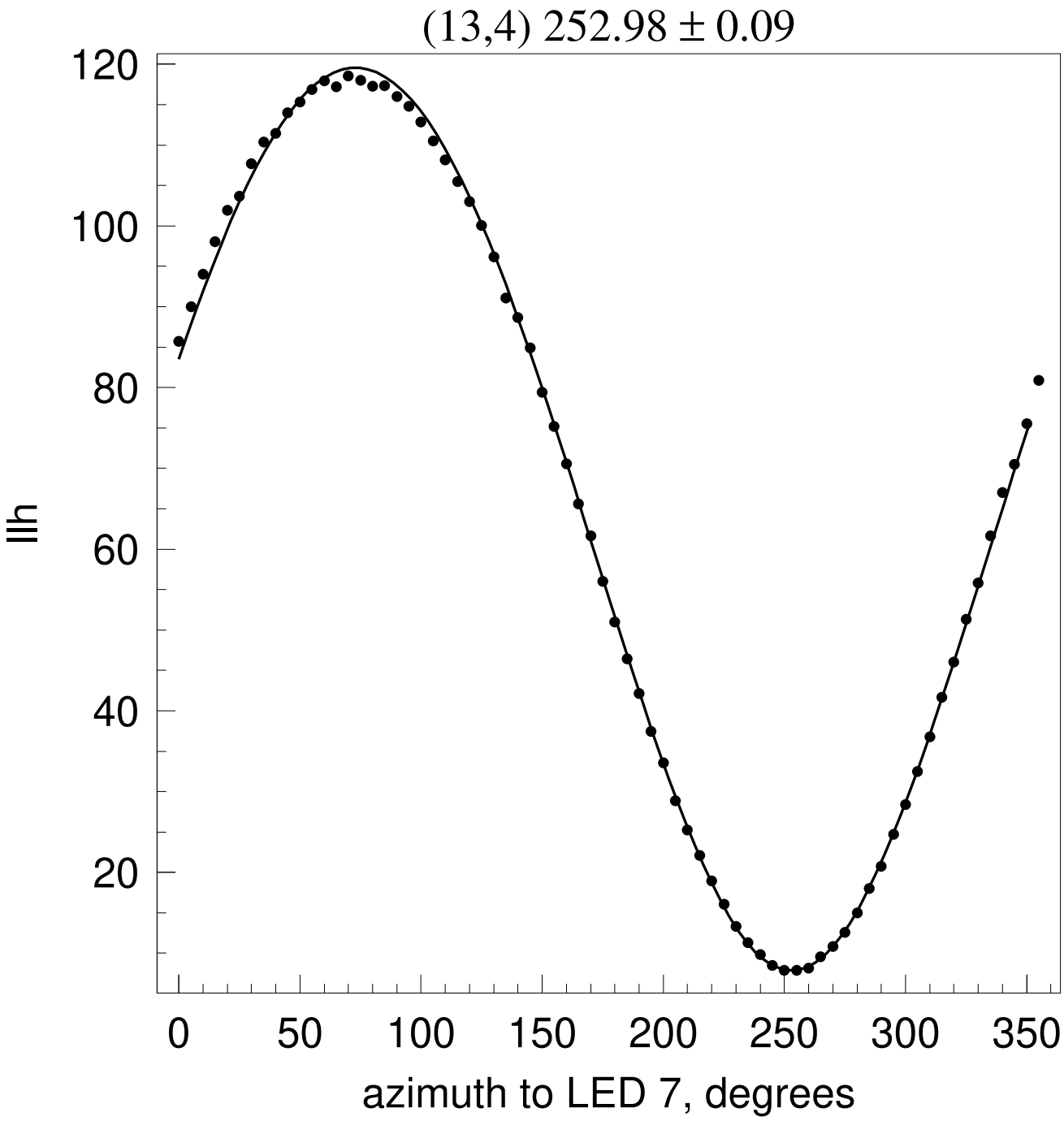

(12,59) 45.57 ± 0.20
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

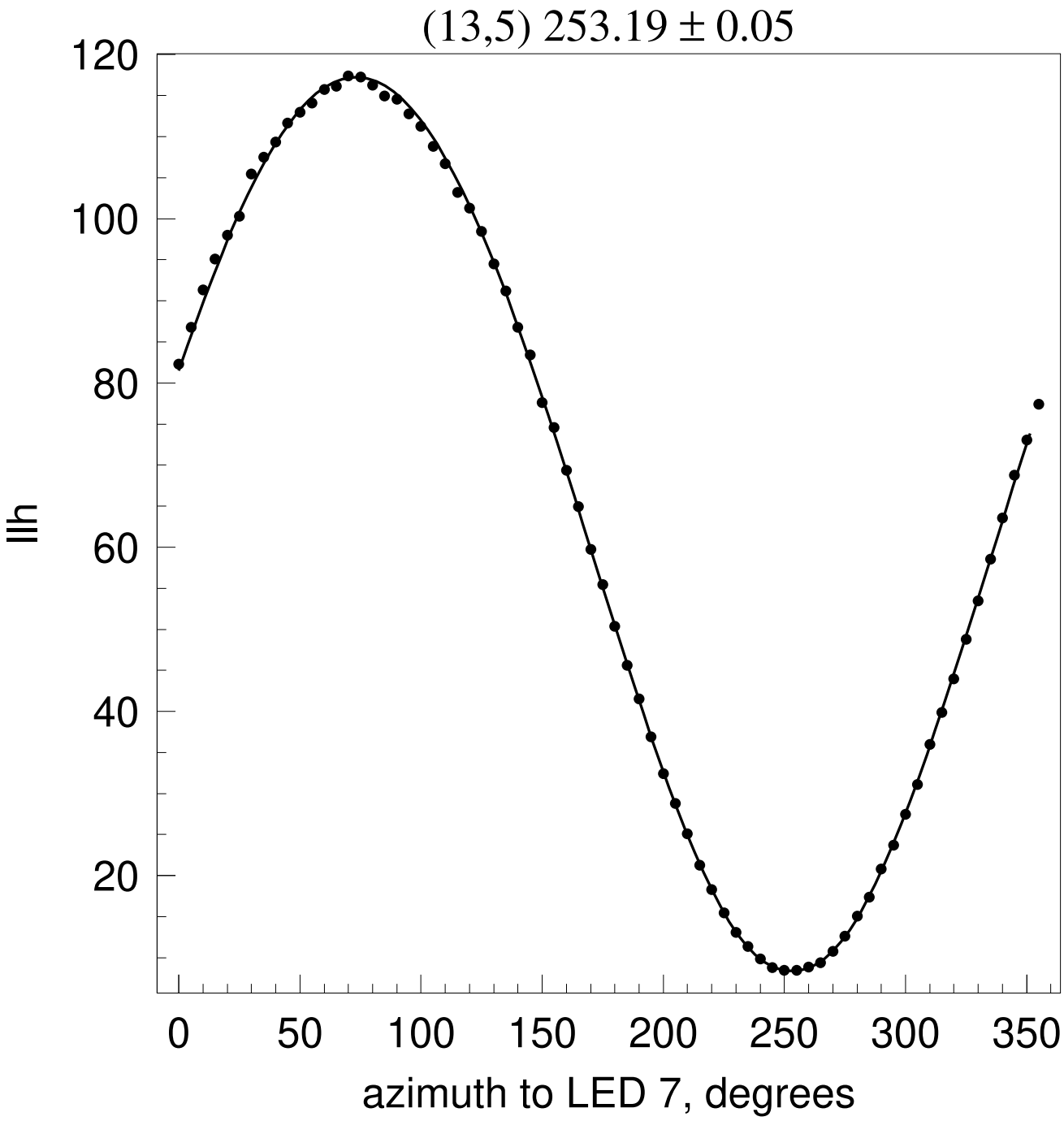

(12,60) 104.15 ± 0.20
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

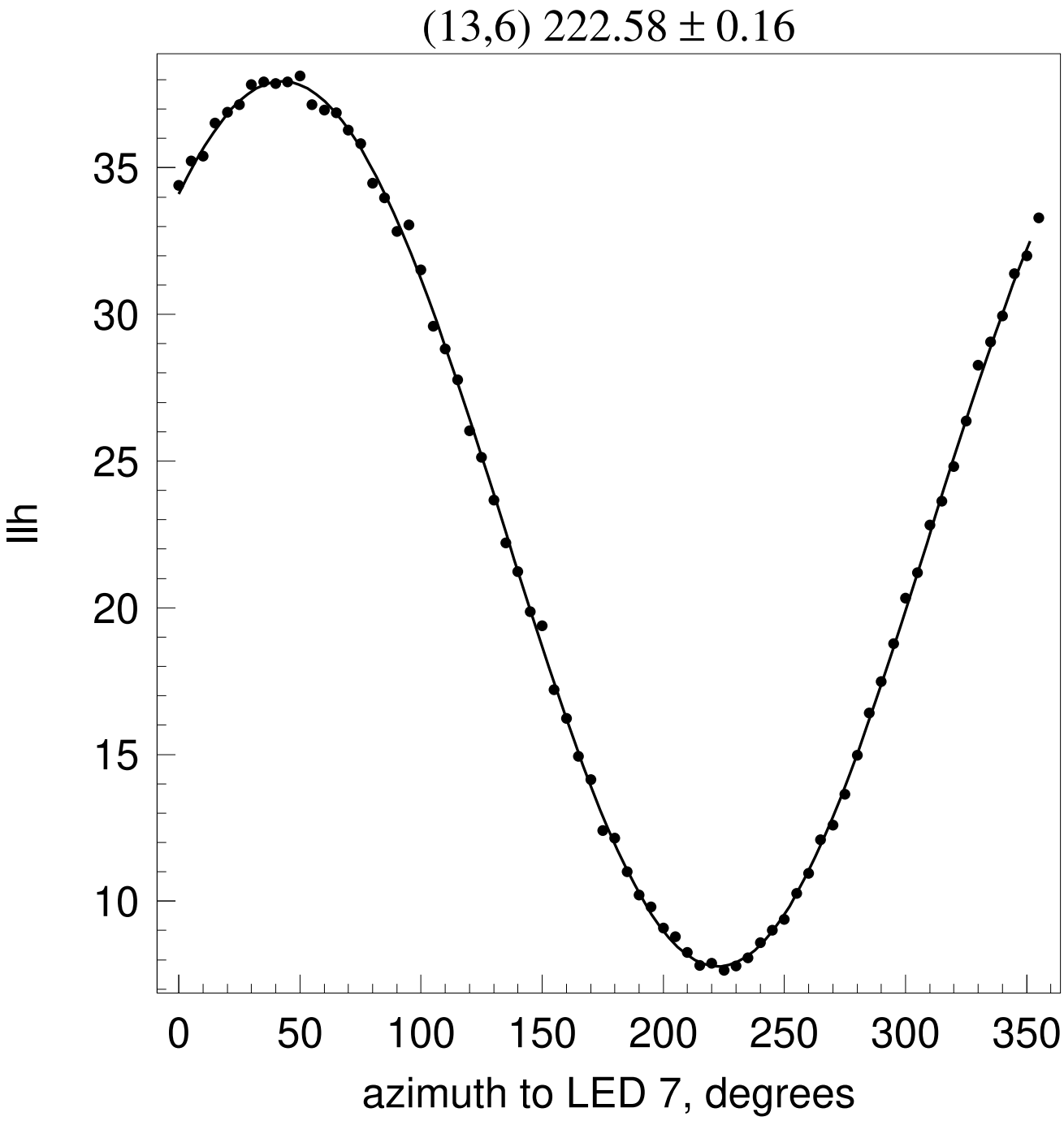

(13,1) 281.46 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

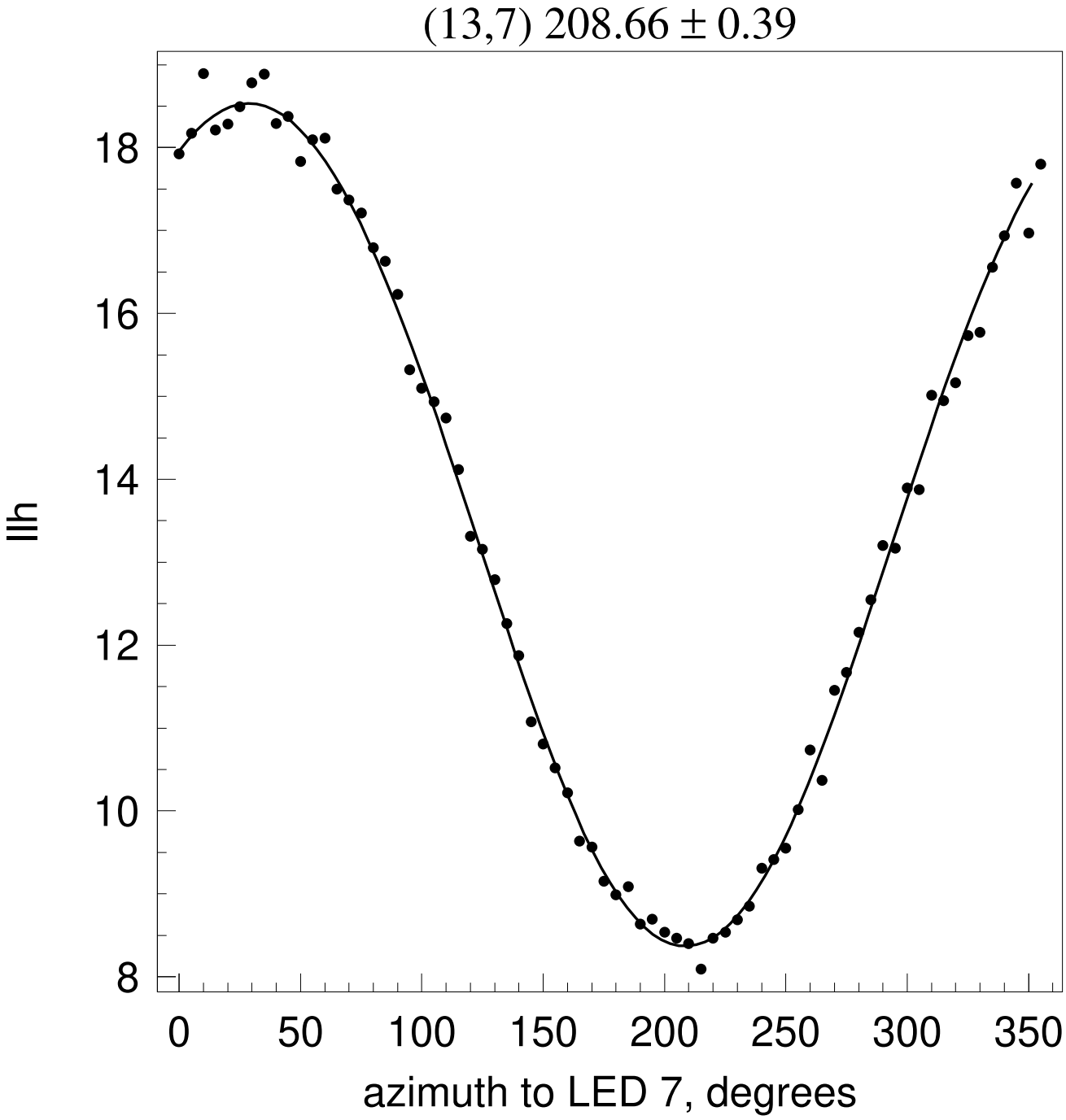

(13,2) 118.73 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

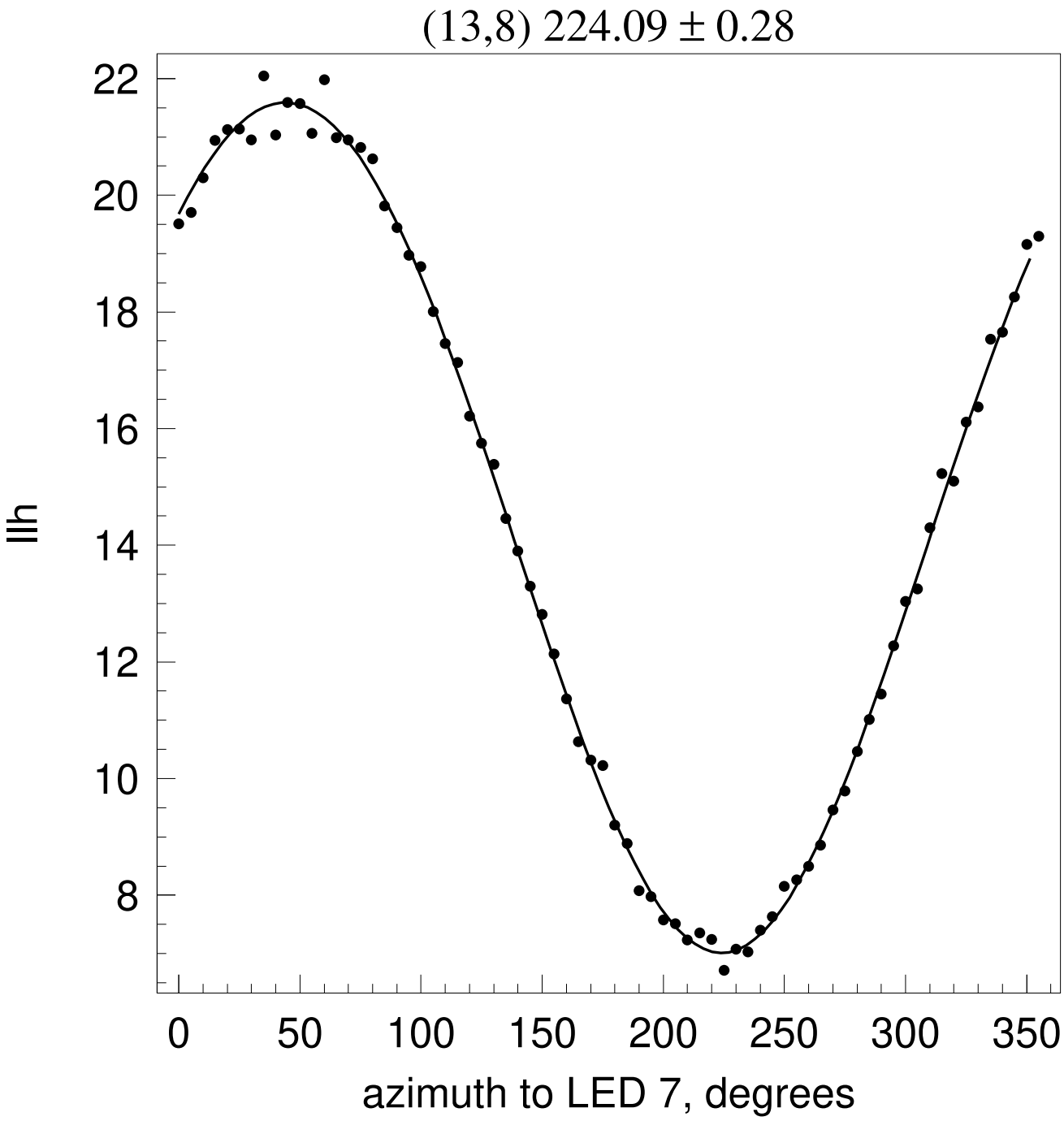

(13,3) 335.96 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

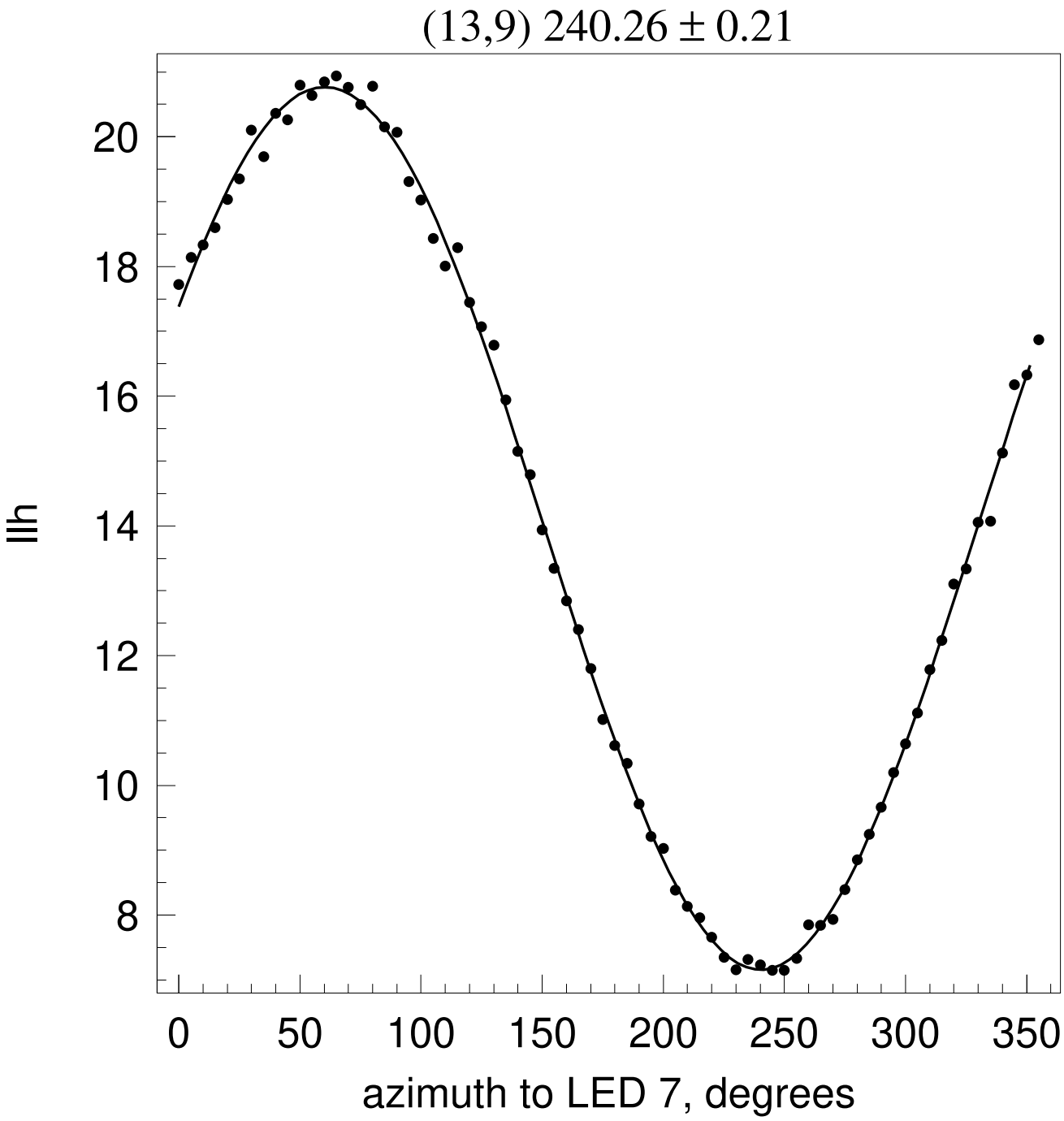

(13,4) 252.98 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

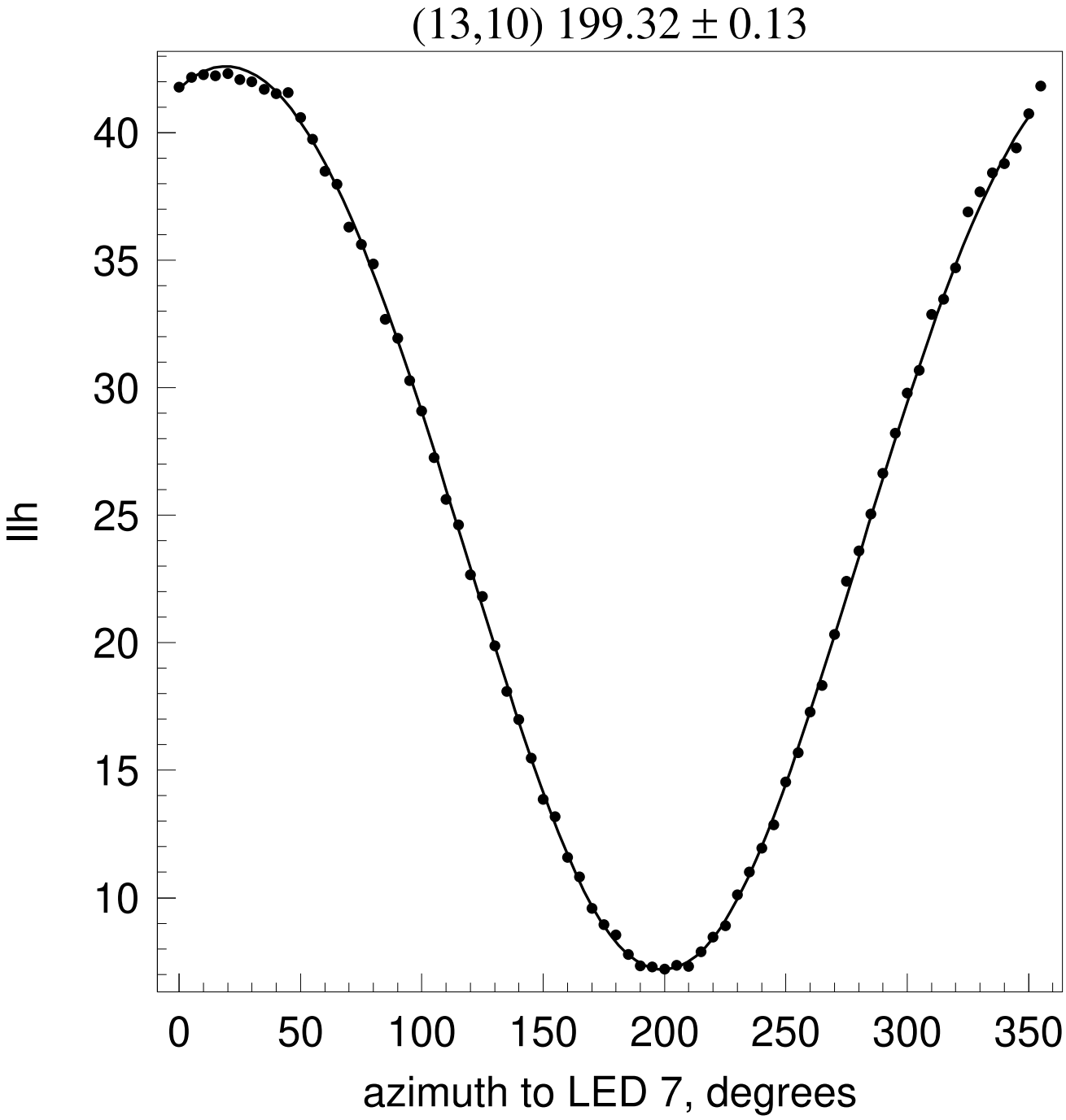

(13,5) 253.19 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

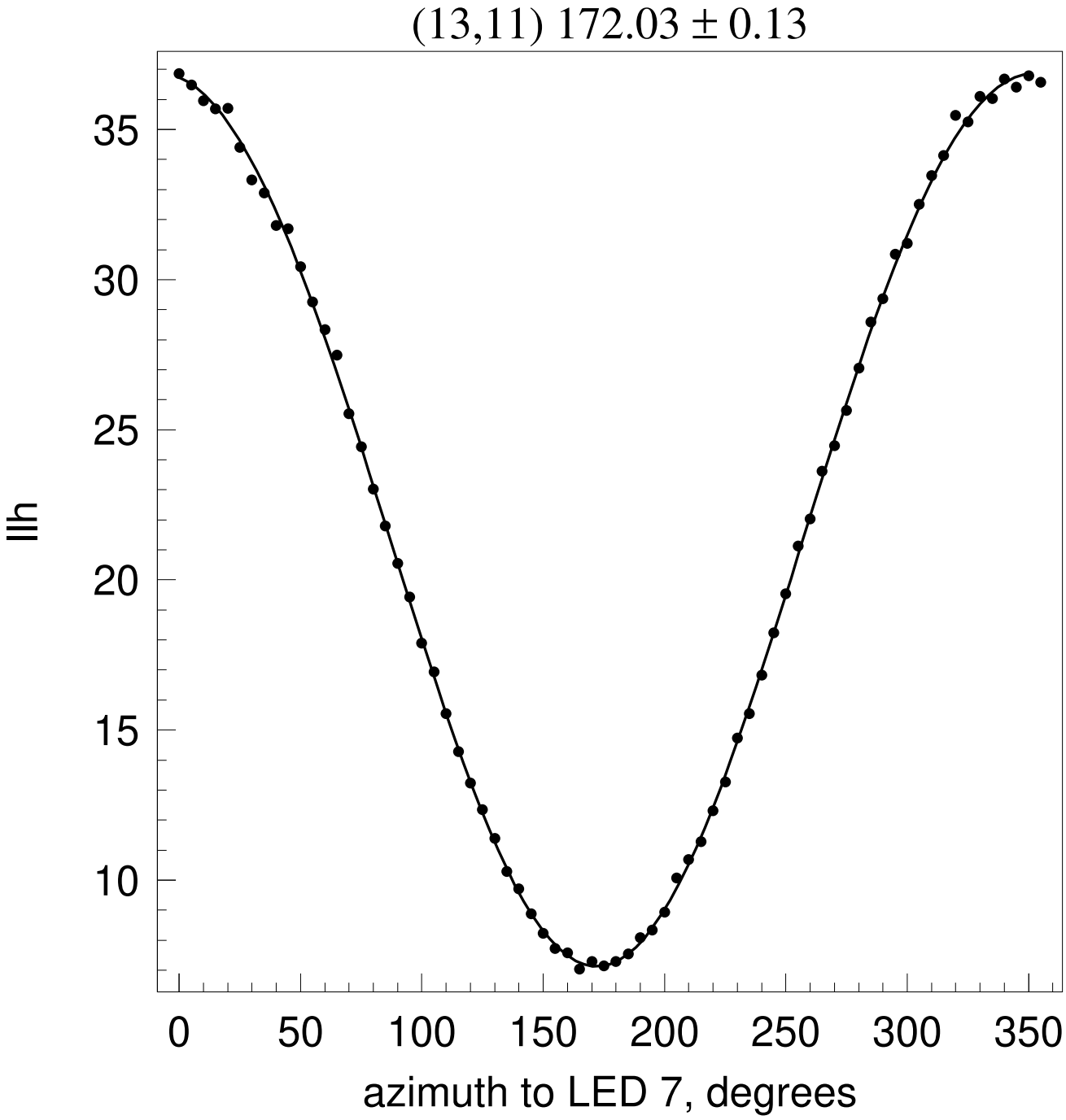

(13,6) 222.58 ± 0.16
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

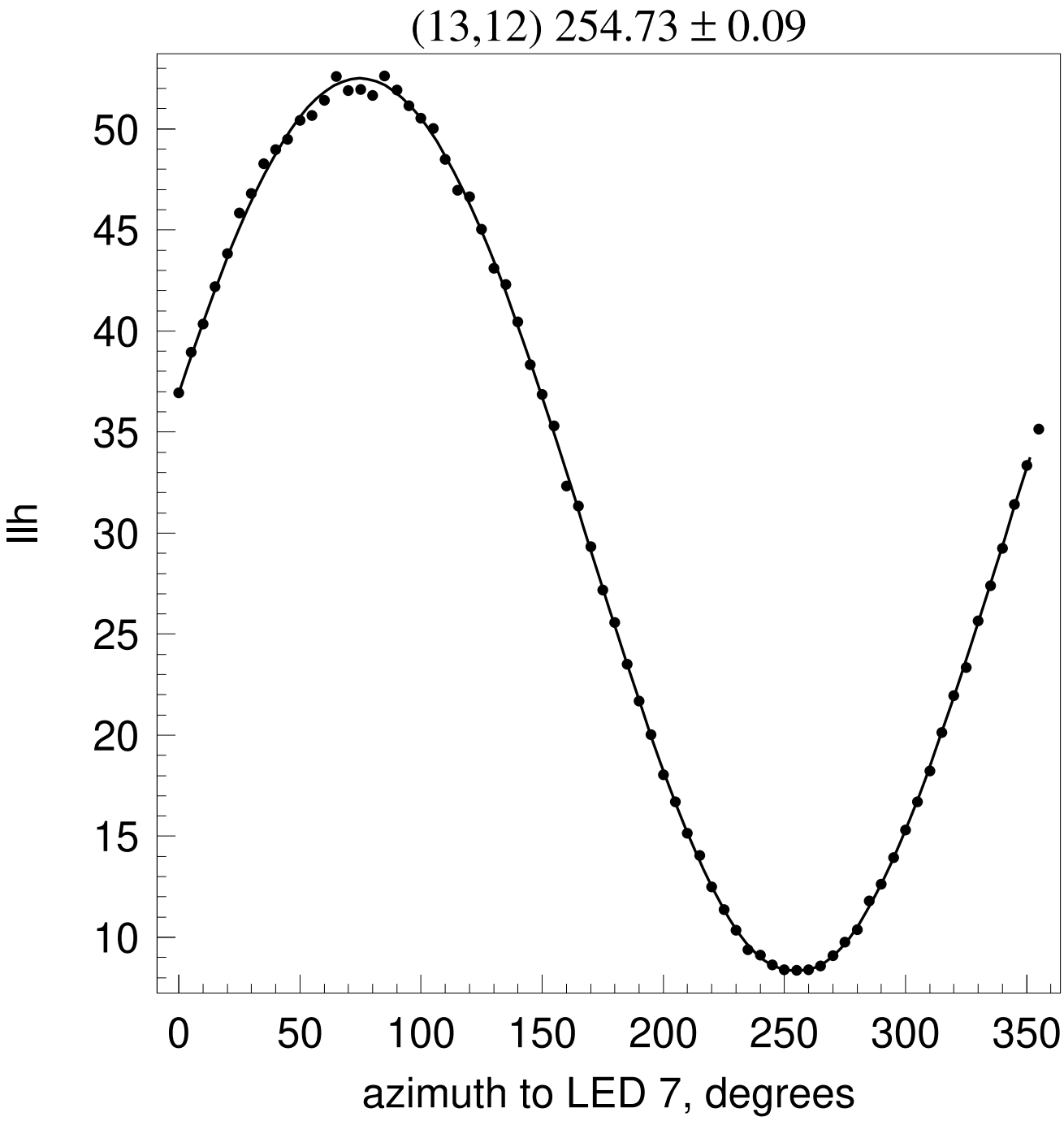

(13,7) 208.66 ± 0.39
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

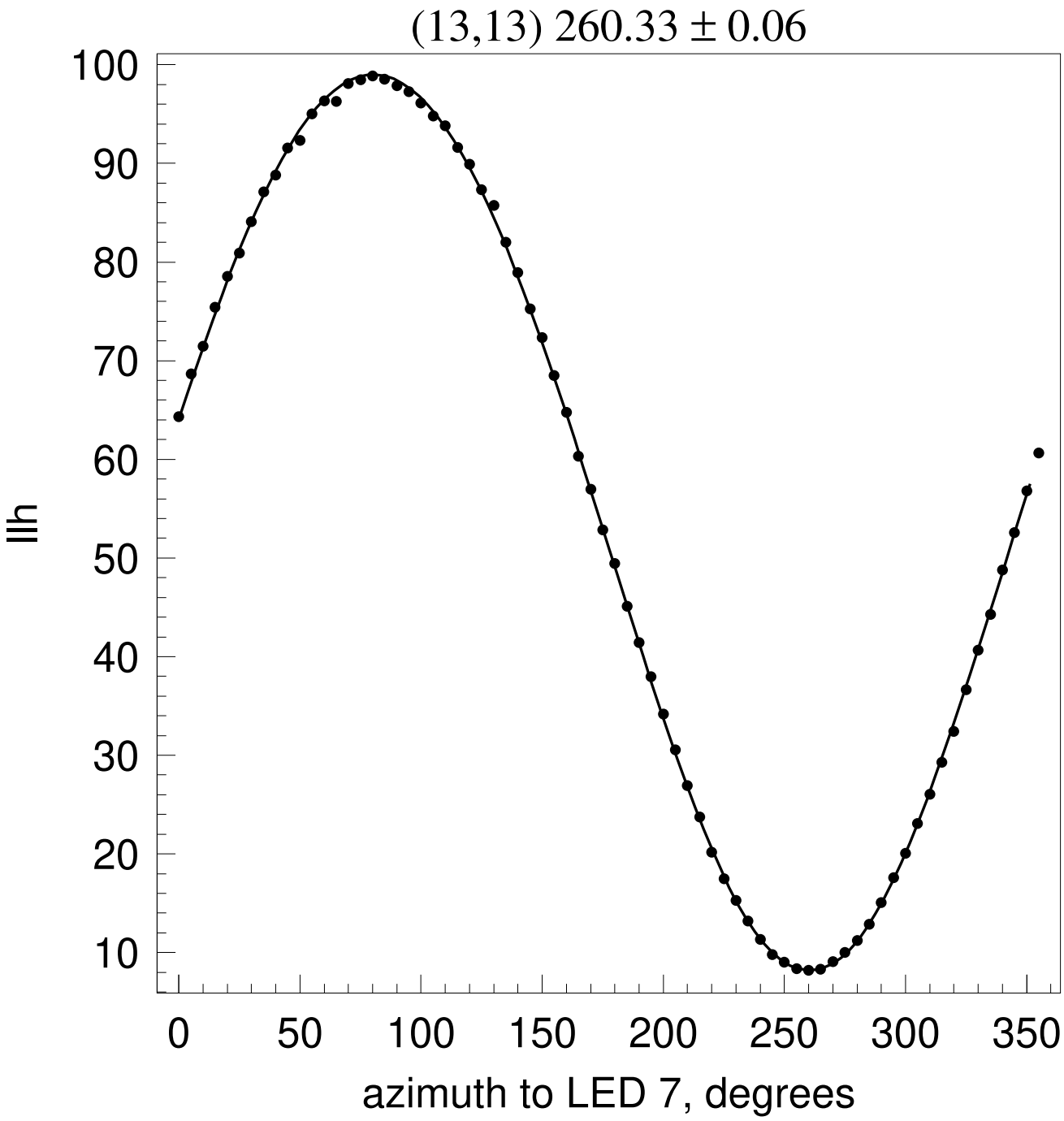

(13,8) 224.09 ± 0.28
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

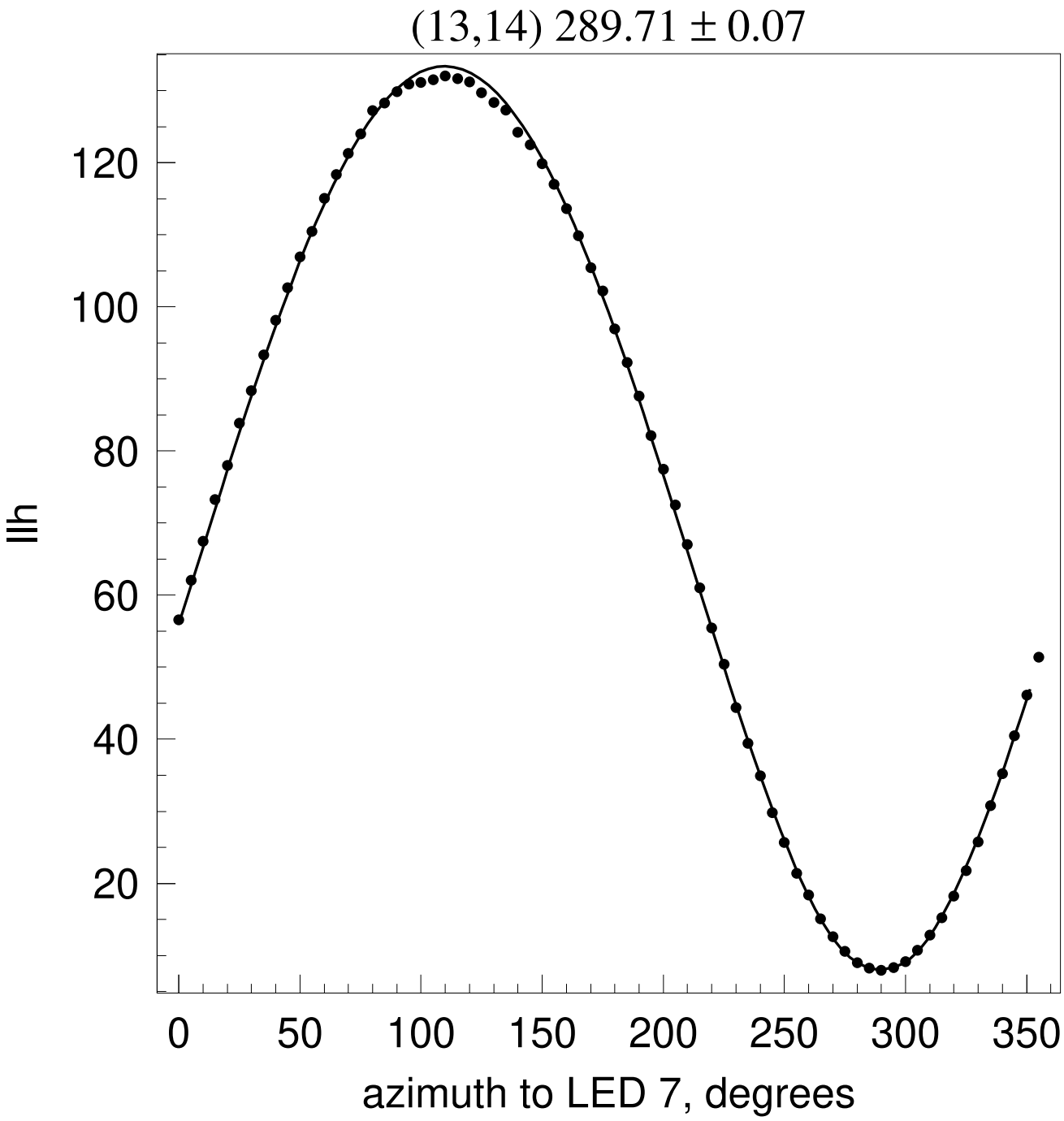

(13,9) 240.26 ± 0.21
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

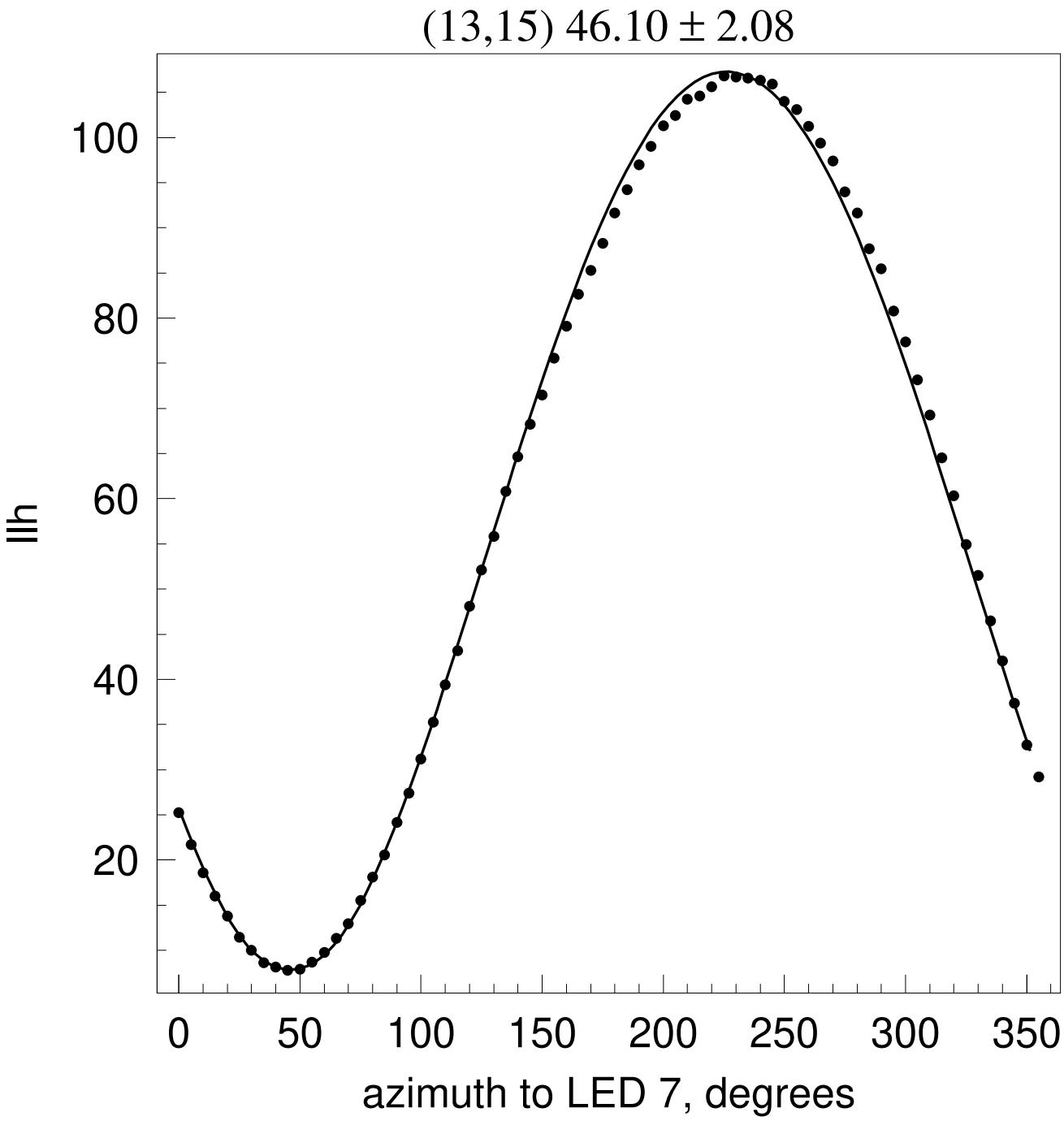

(13,10) 199.32 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

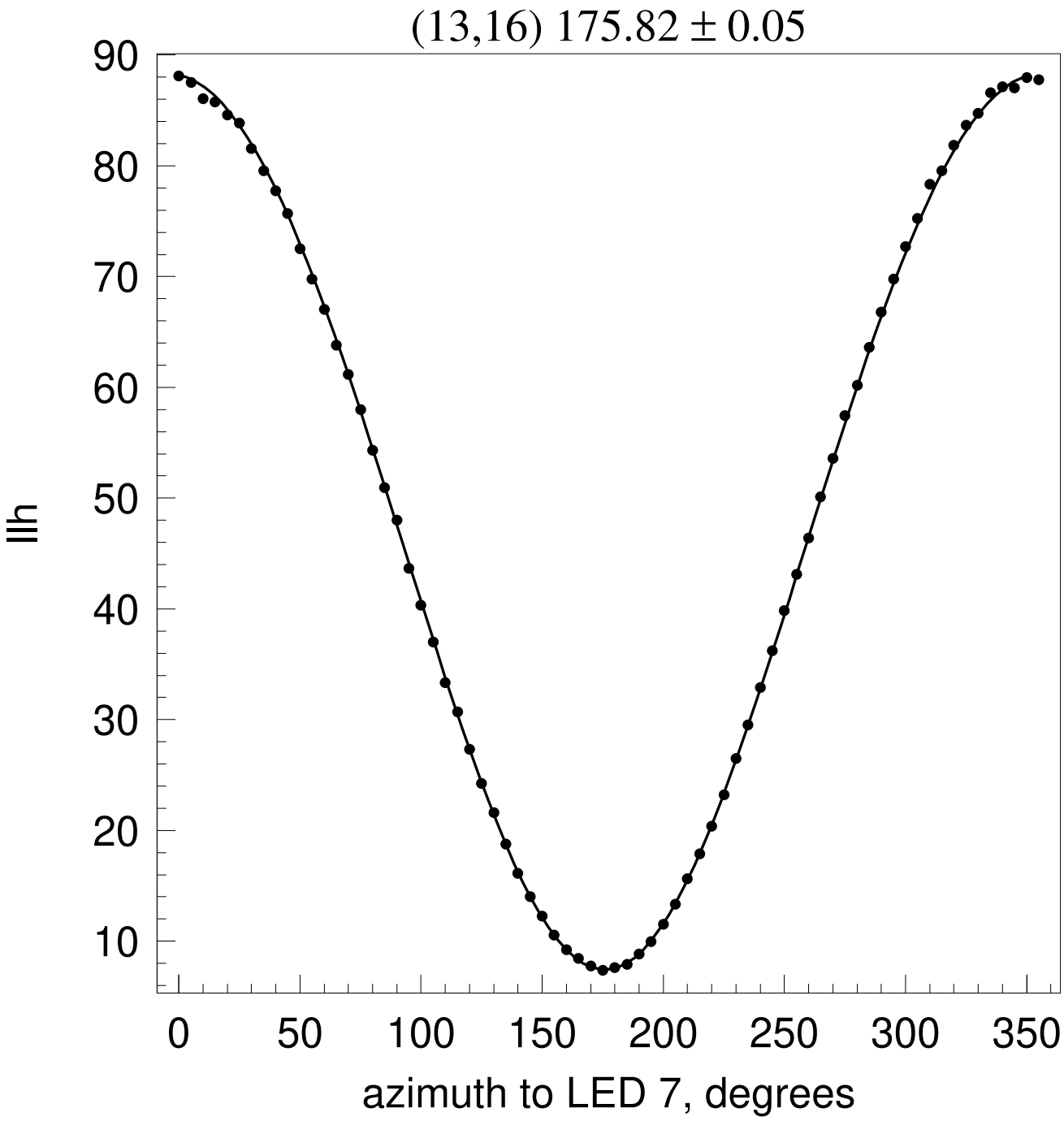

(13,11) 172.03 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

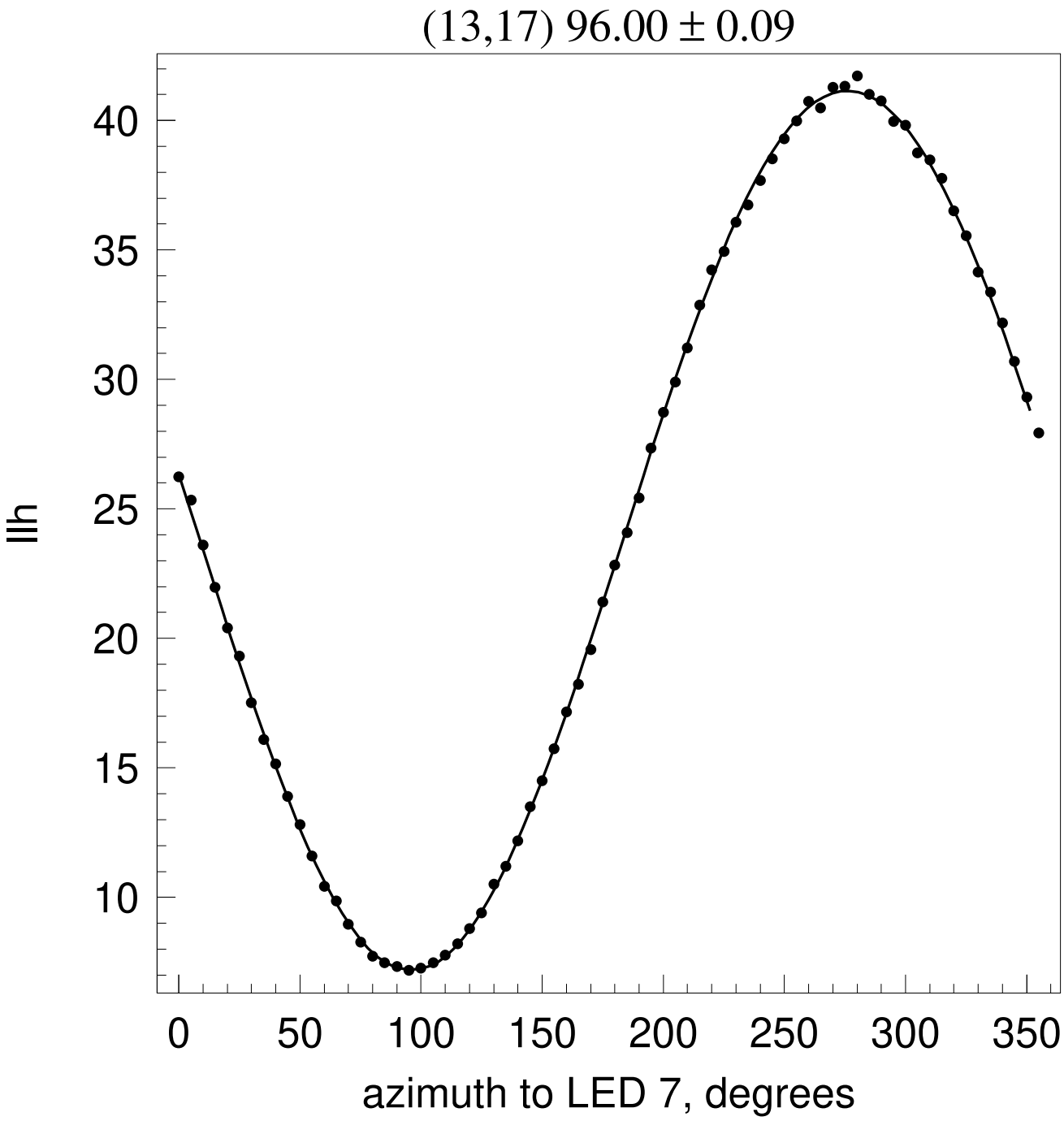

(13,12) 254.73 ± 0.09
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

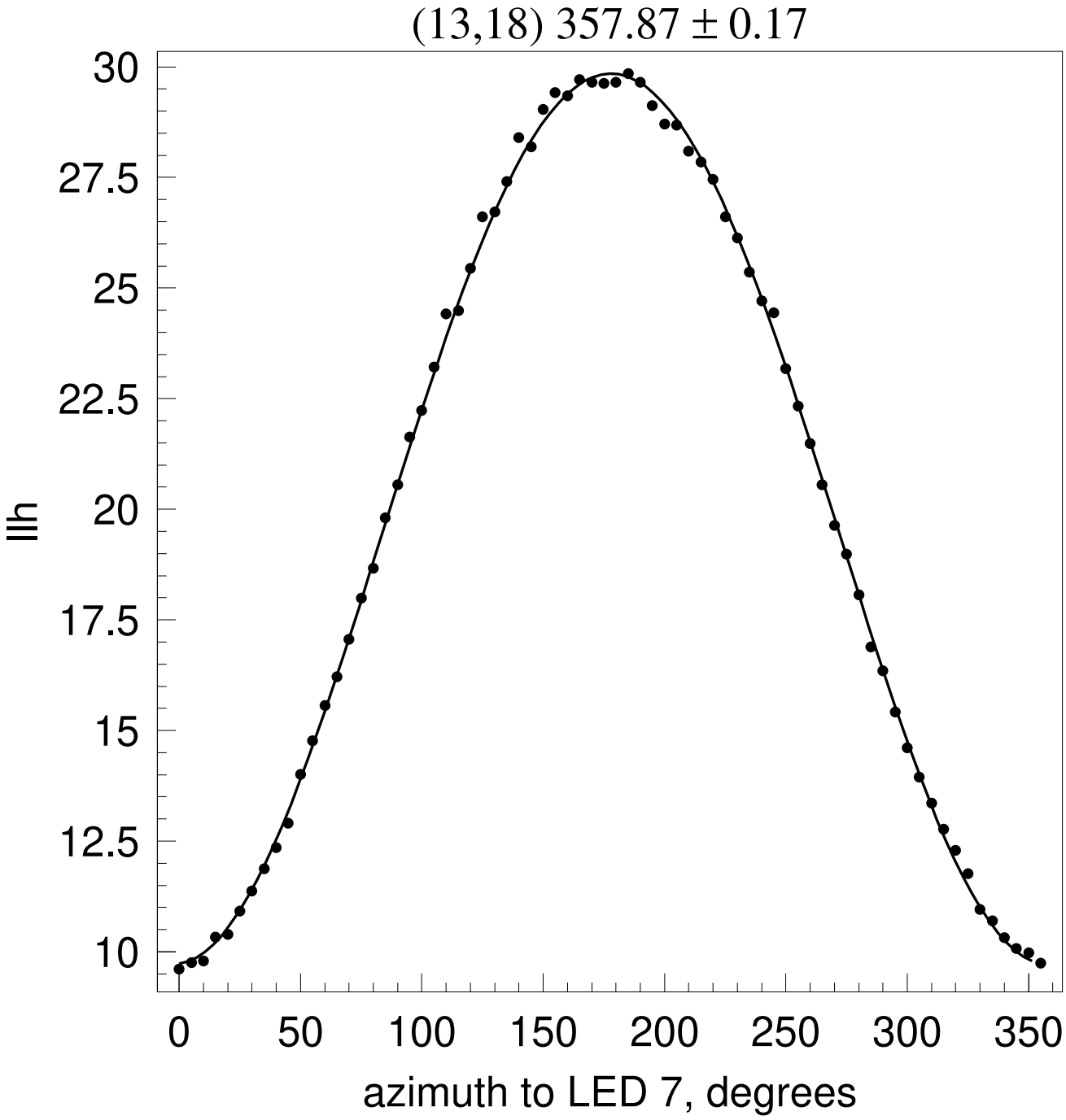

(13,13) 260.33 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

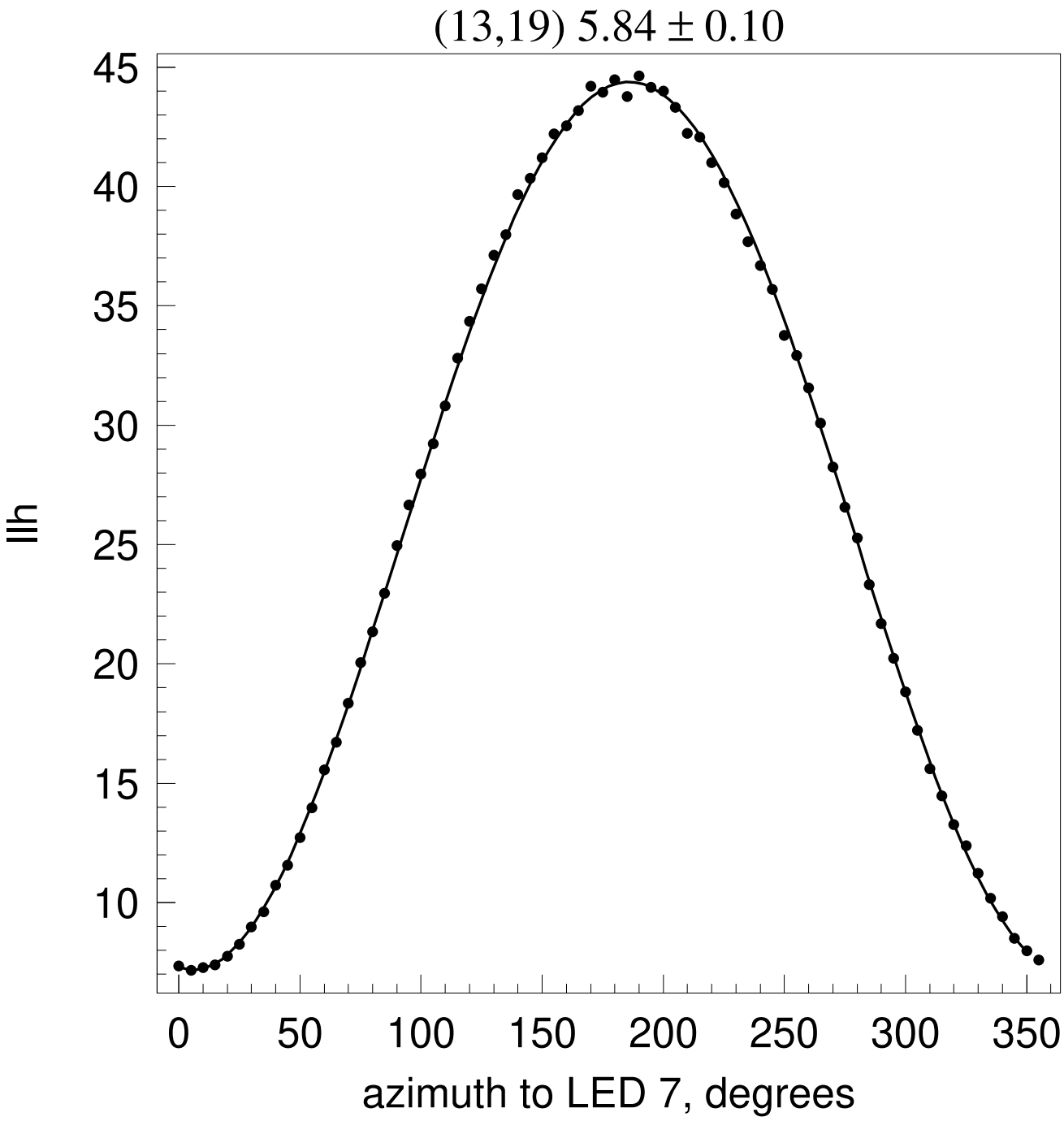

(13,14) 289.71 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

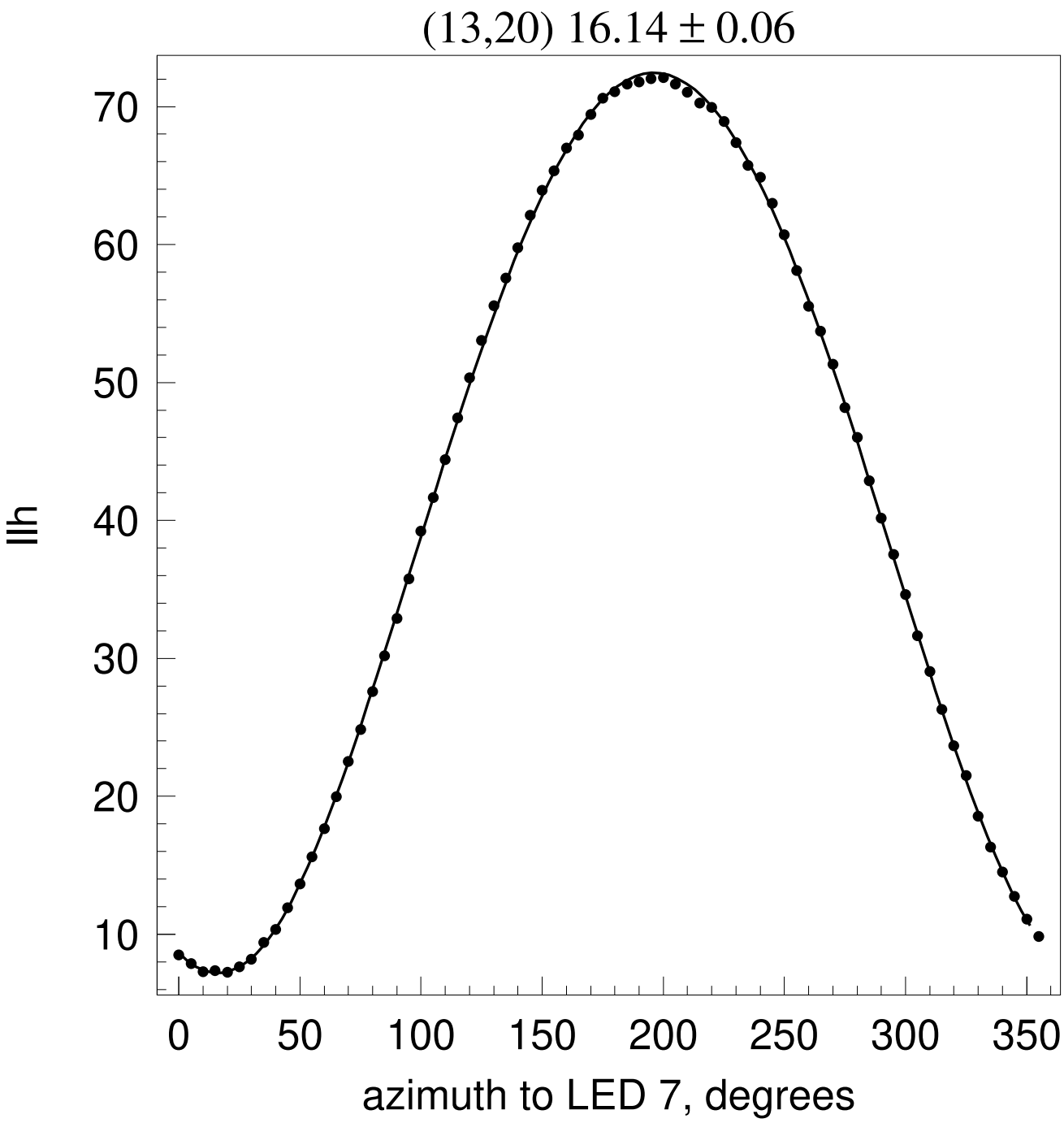

(13,15) 46.10 ± 2.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

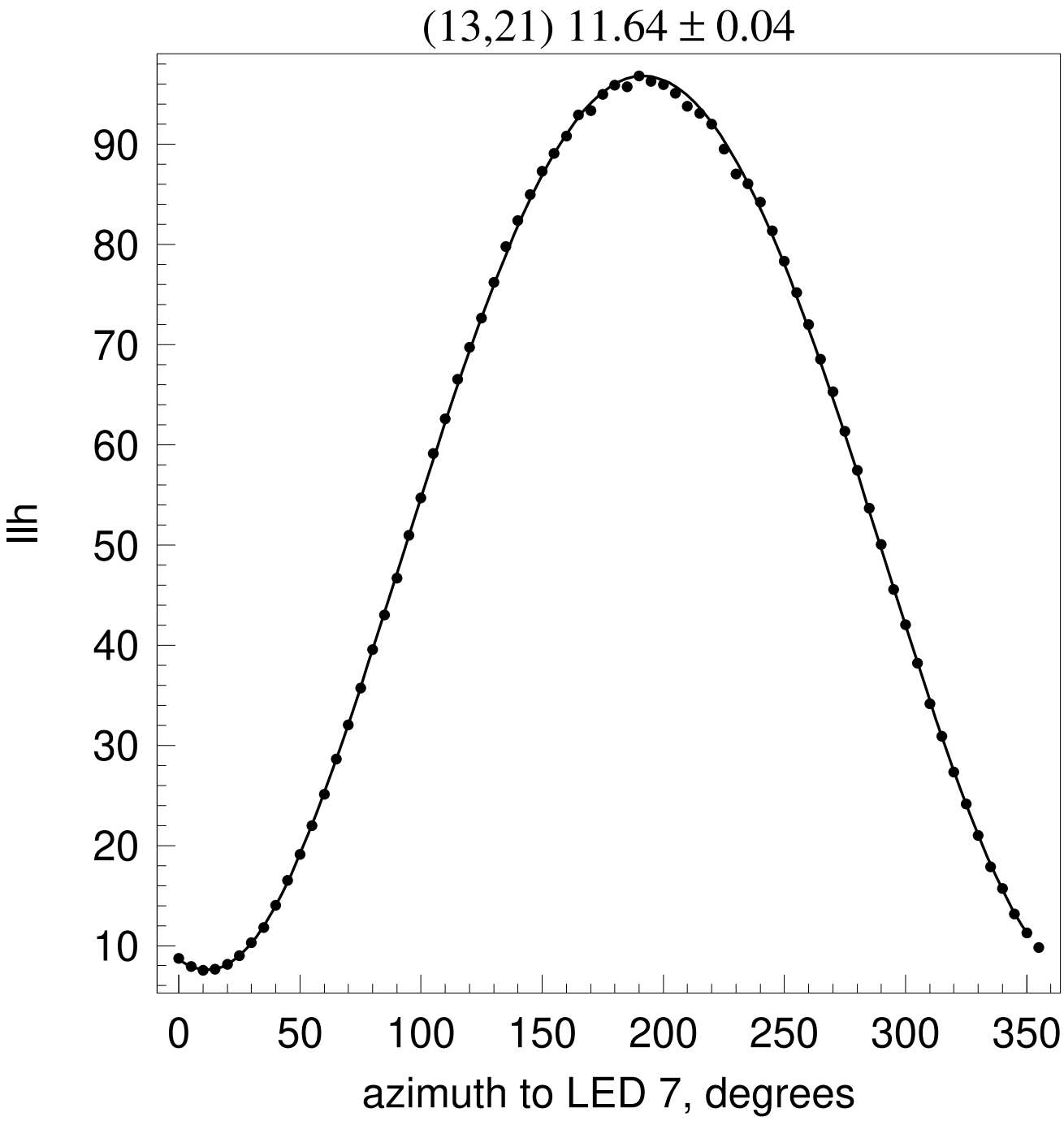

(13,16) 175.82 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

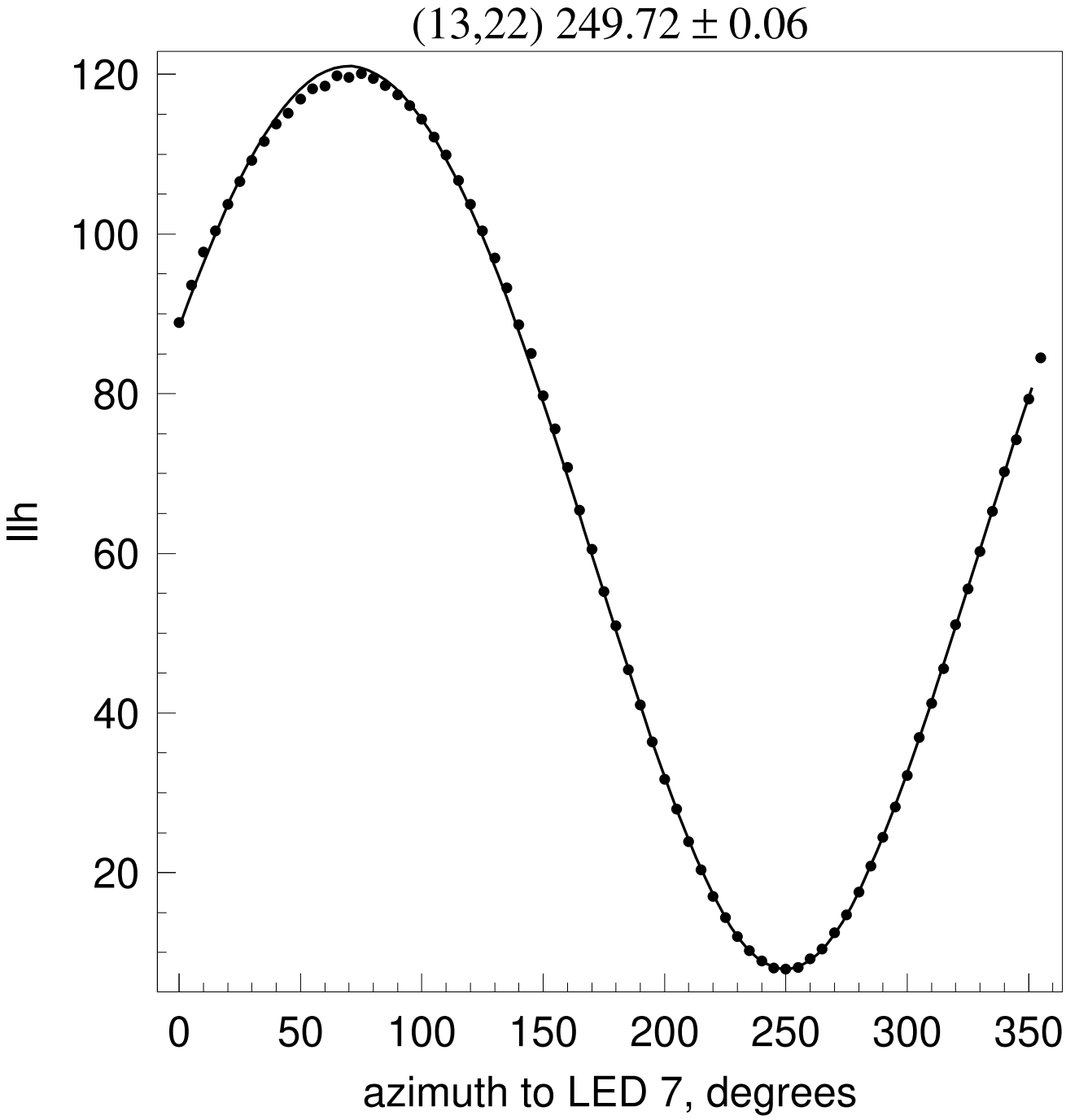

(13,17) 96.00 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

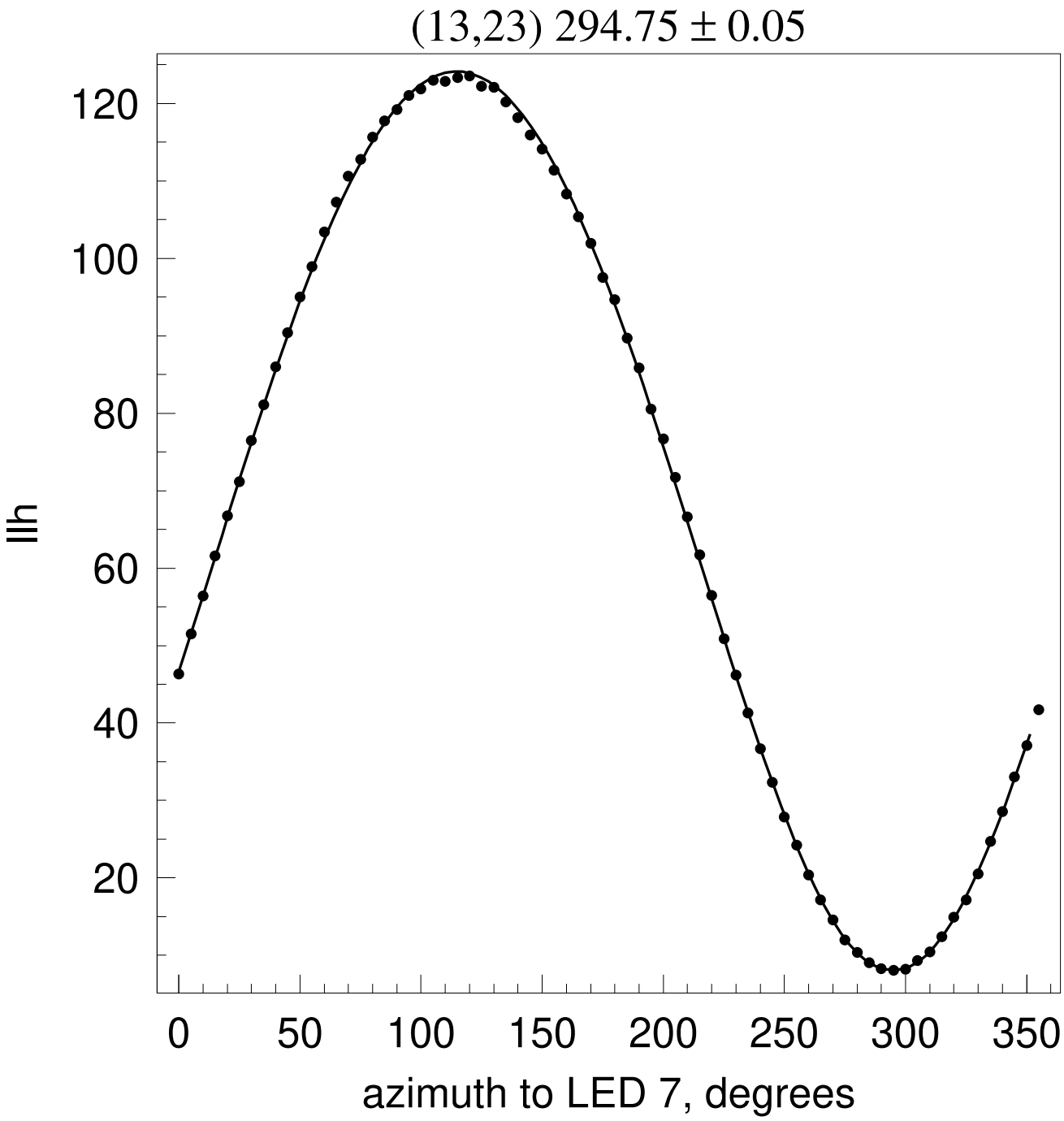

(13,18) 357.87 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

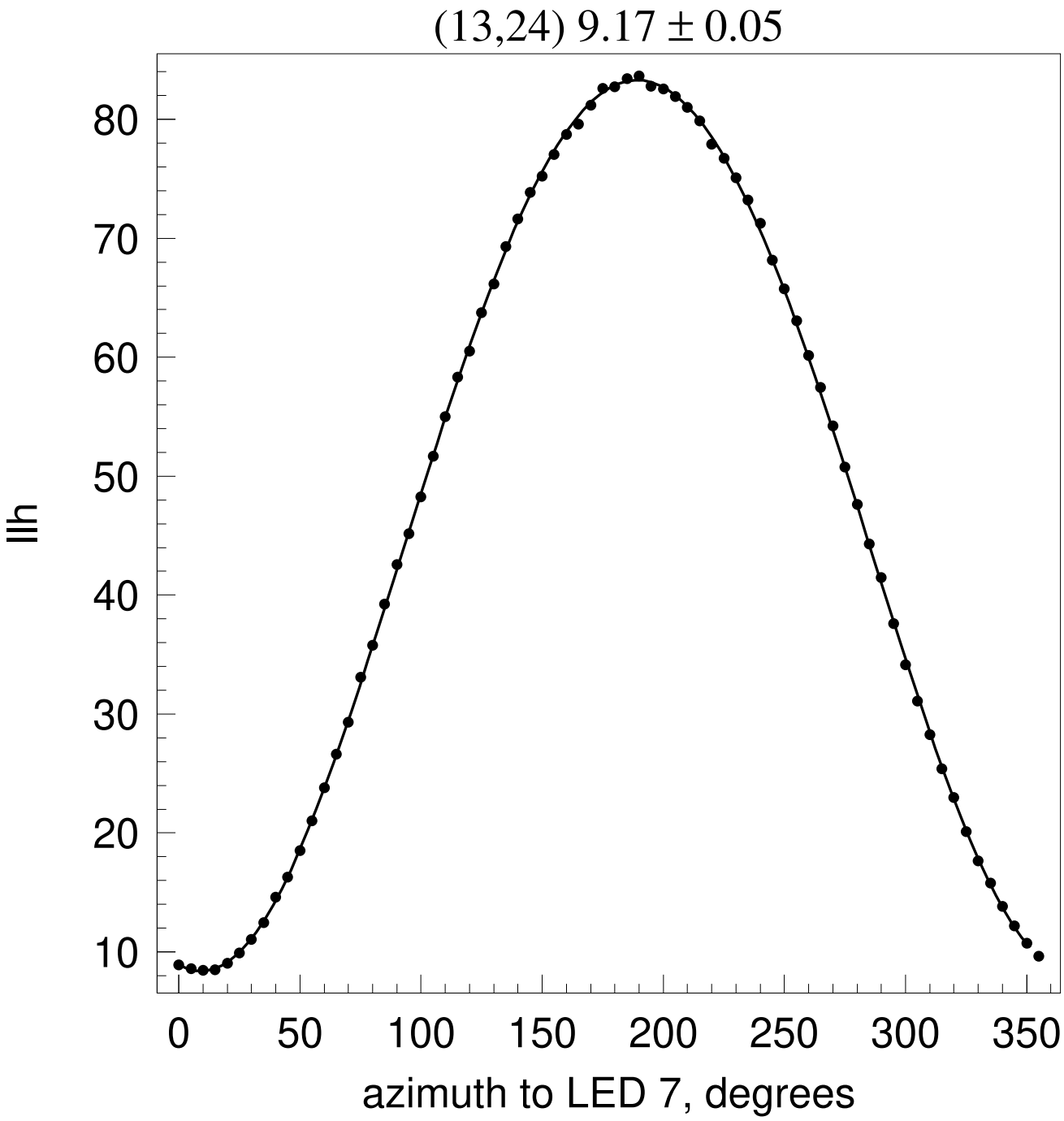

(13,19) 5.84 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

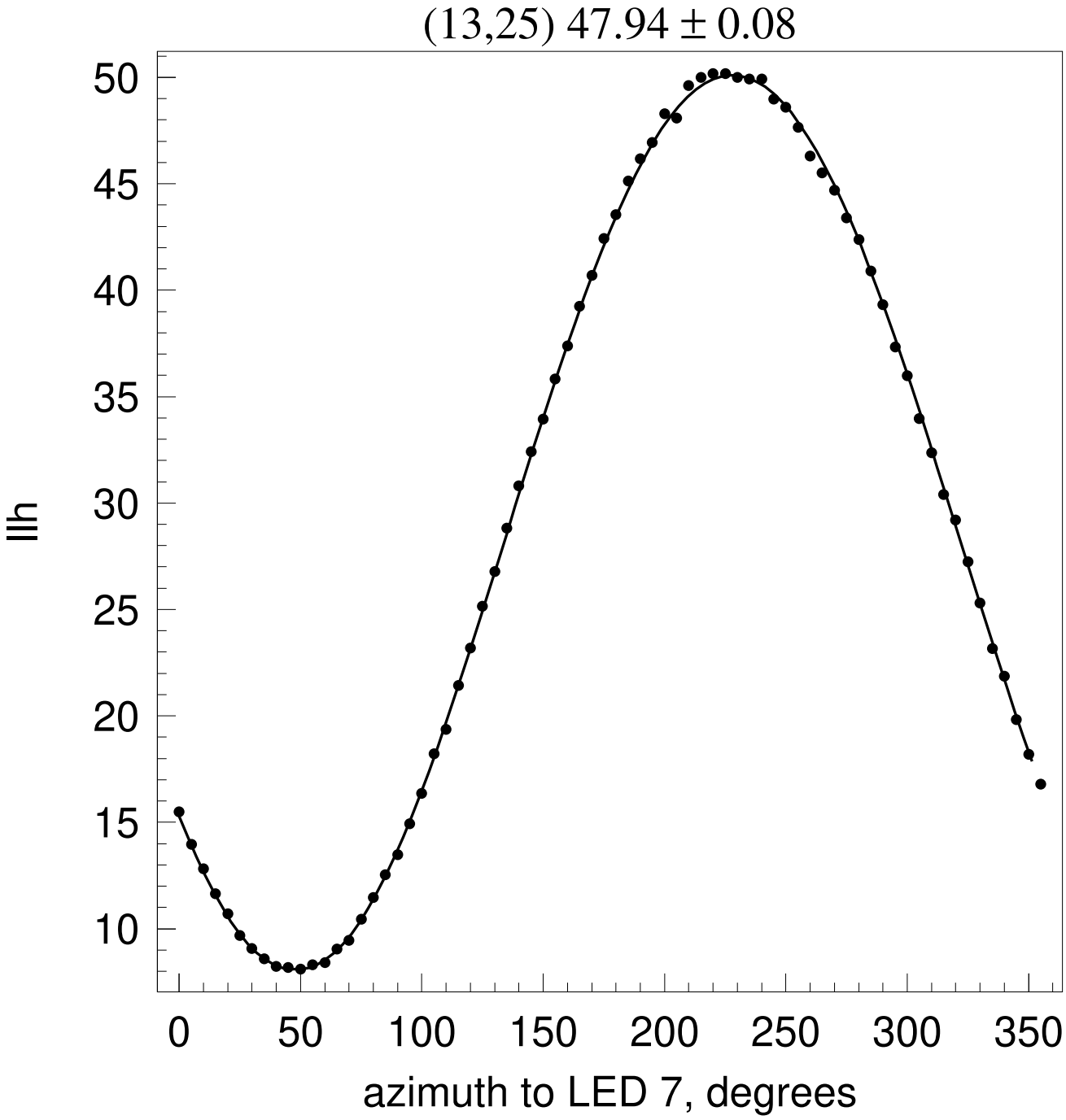

(13,20) 16.14 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

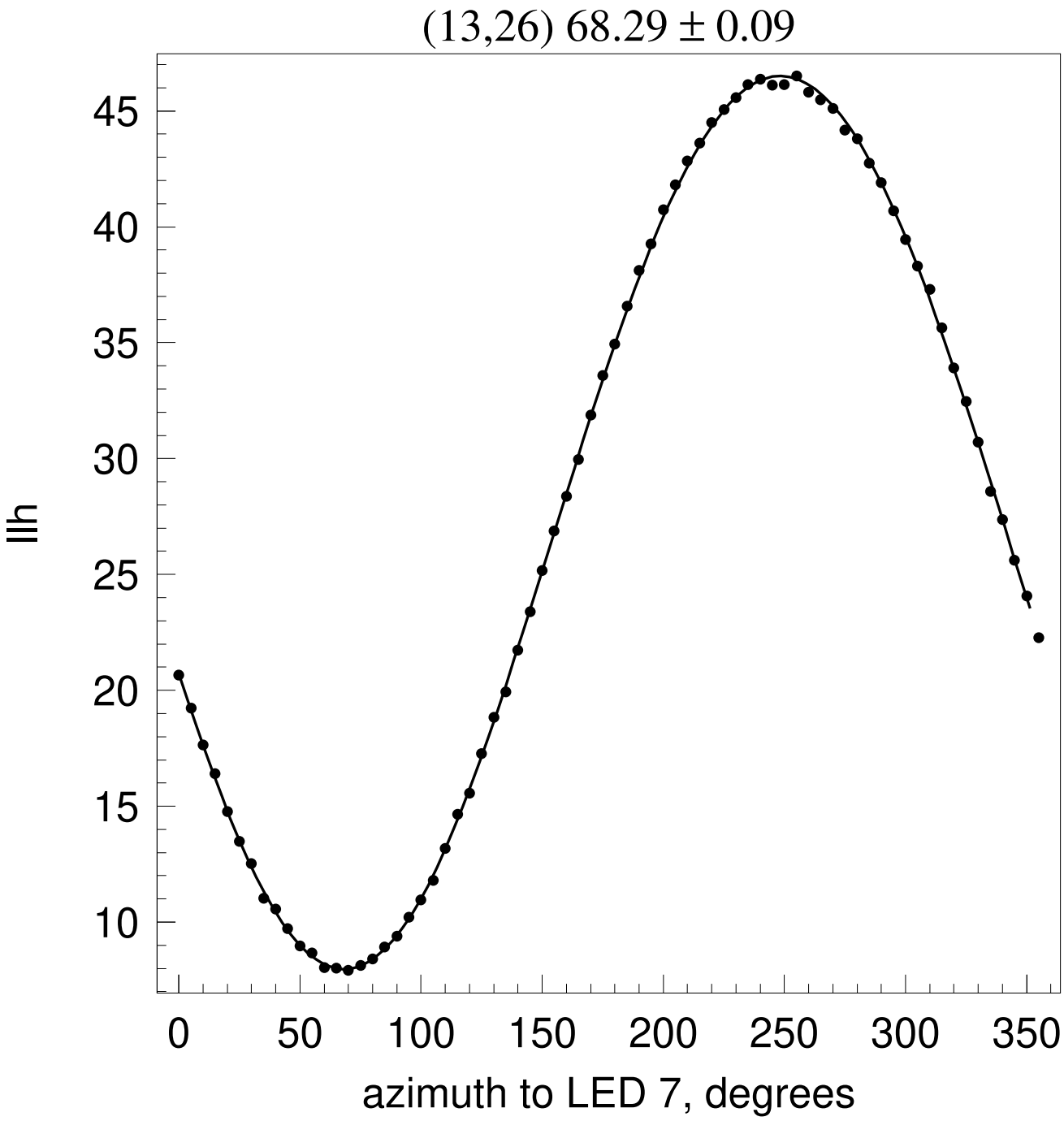

(13,21) 11.64 ± 0.04
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

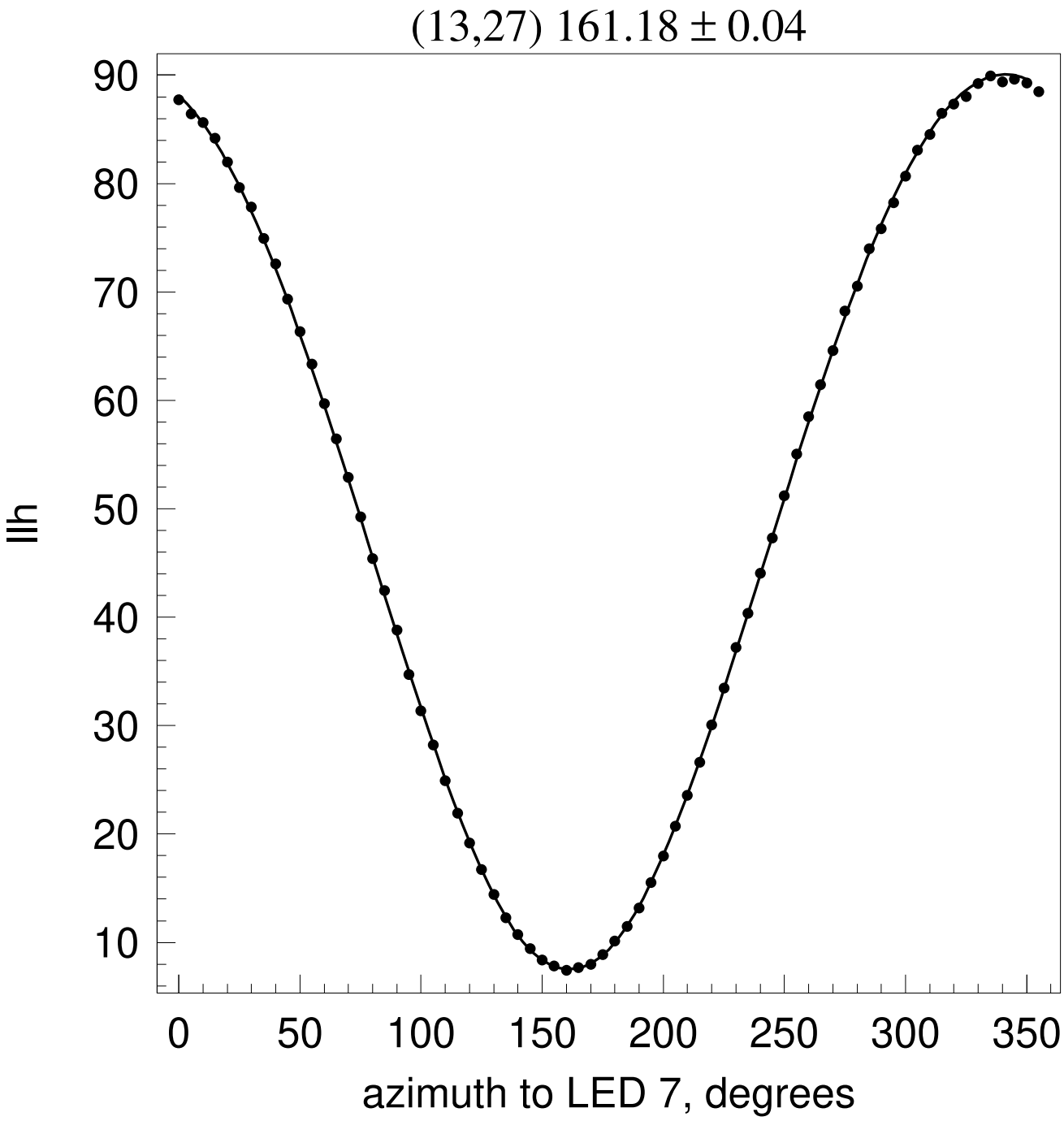

(13,22) 249.72 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

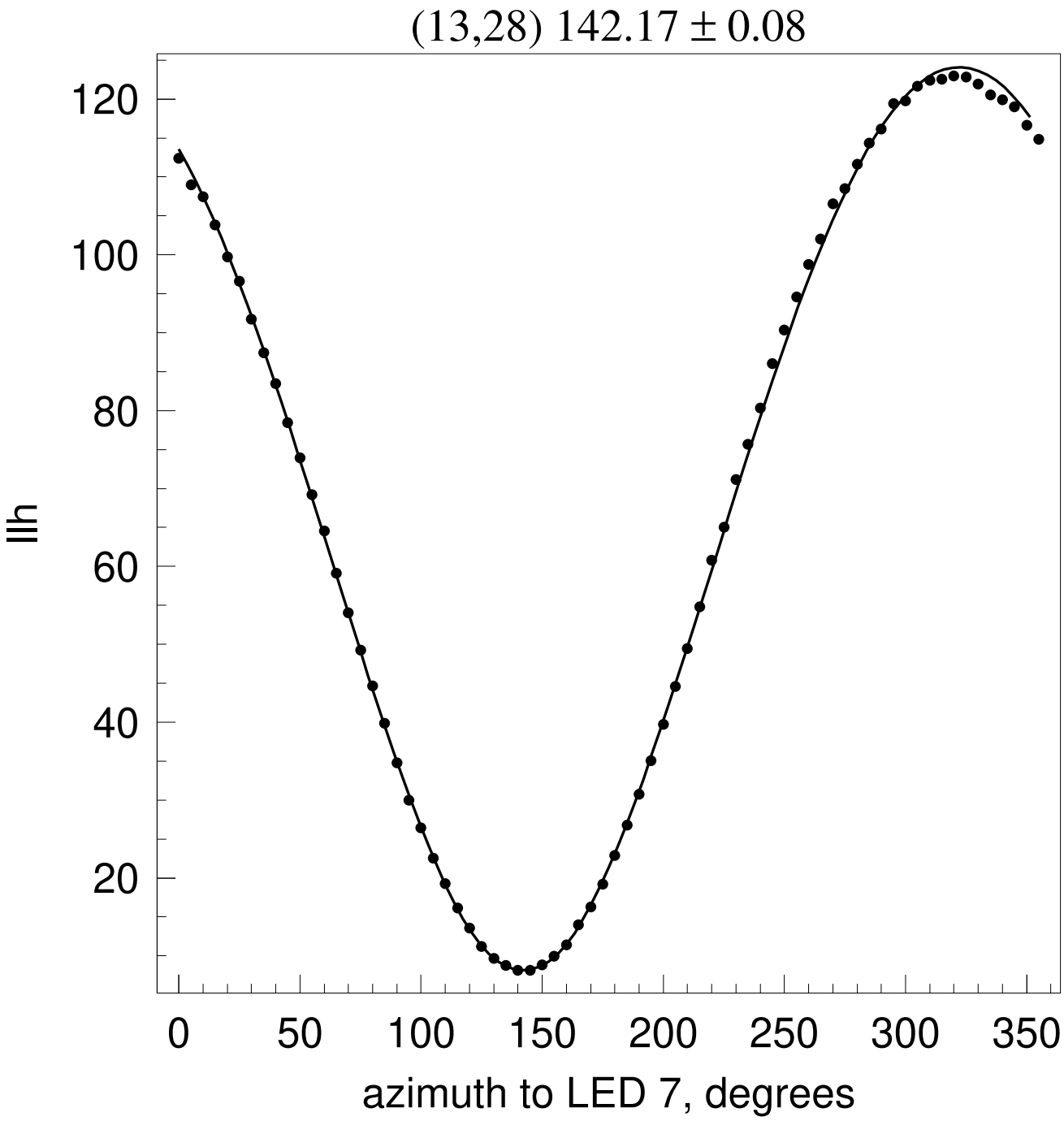

(13,23) 294.75 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

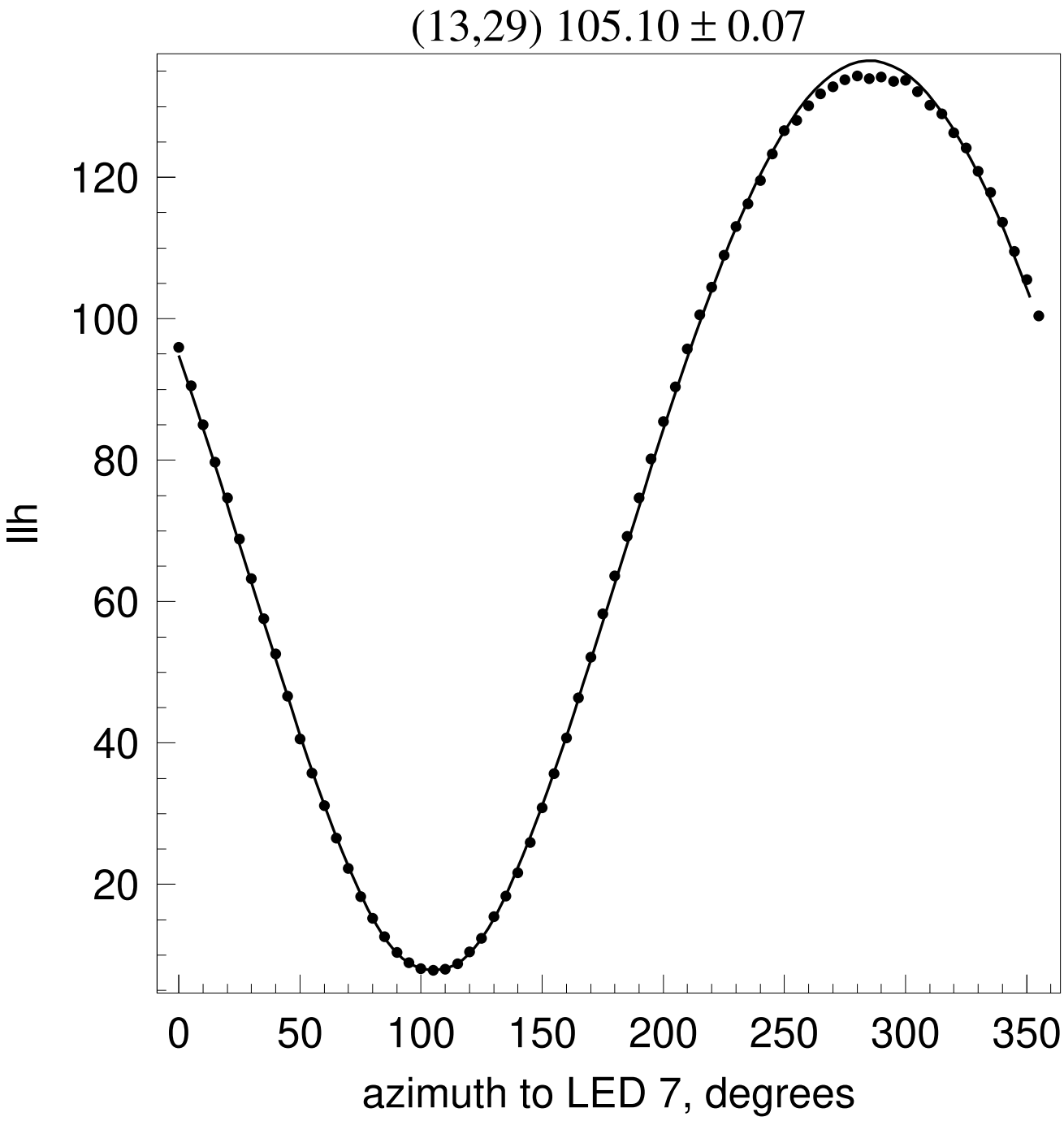

(13,24) 9.17 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

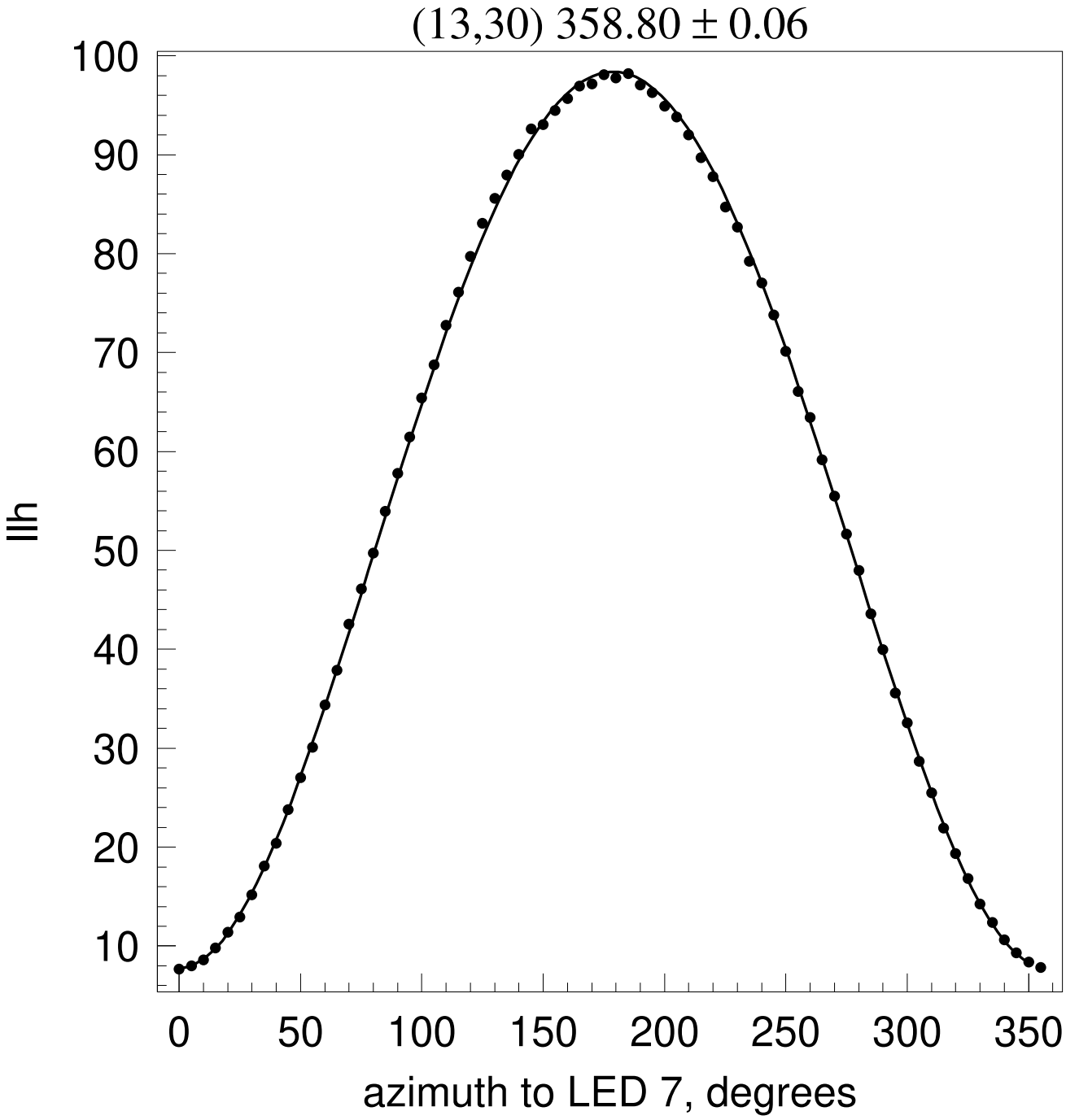

(13,25) 47.94 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

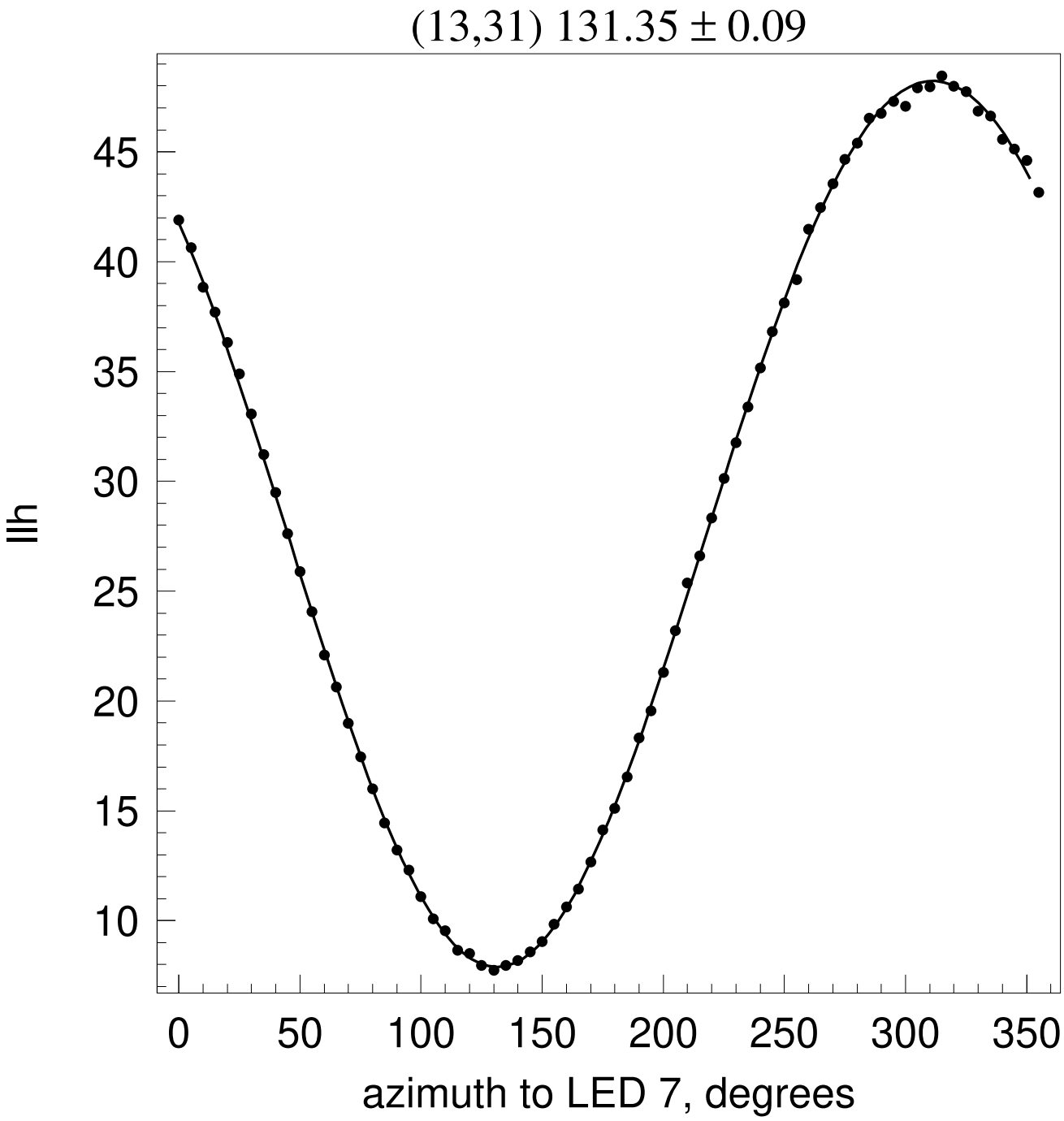

(13,26) 68.29 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

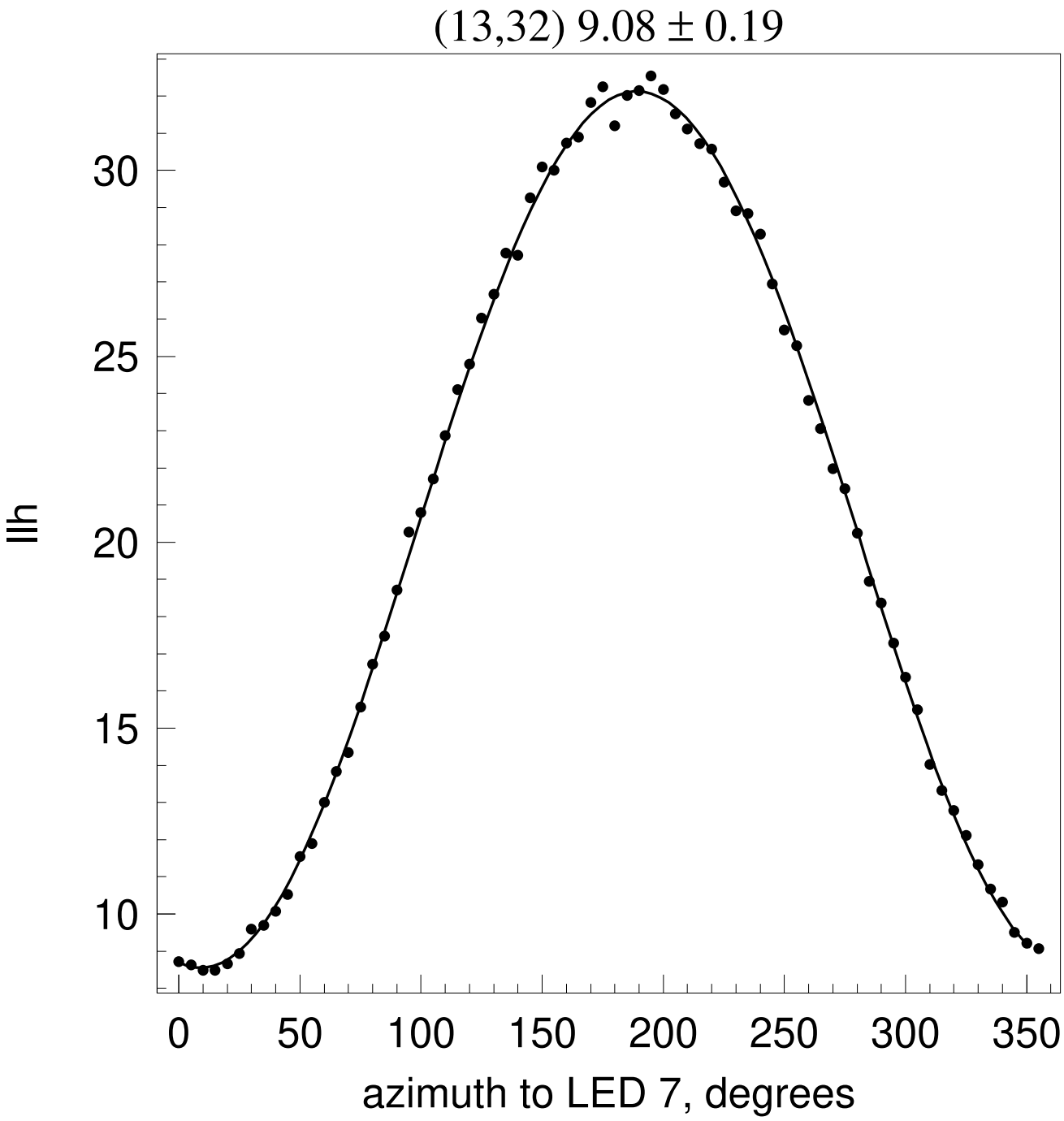

(13,27) 161.18 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

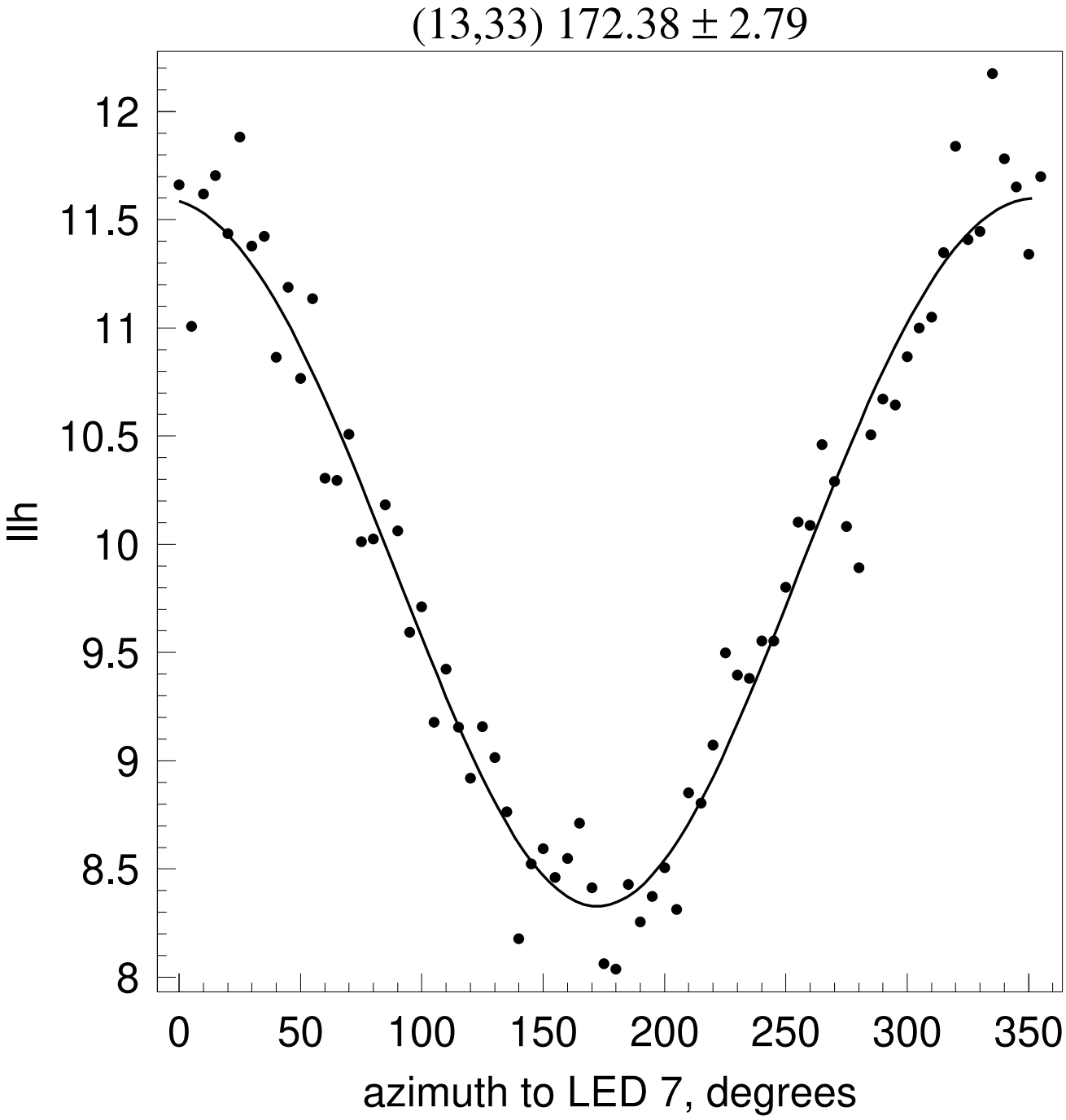

(13,28) 142.17 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

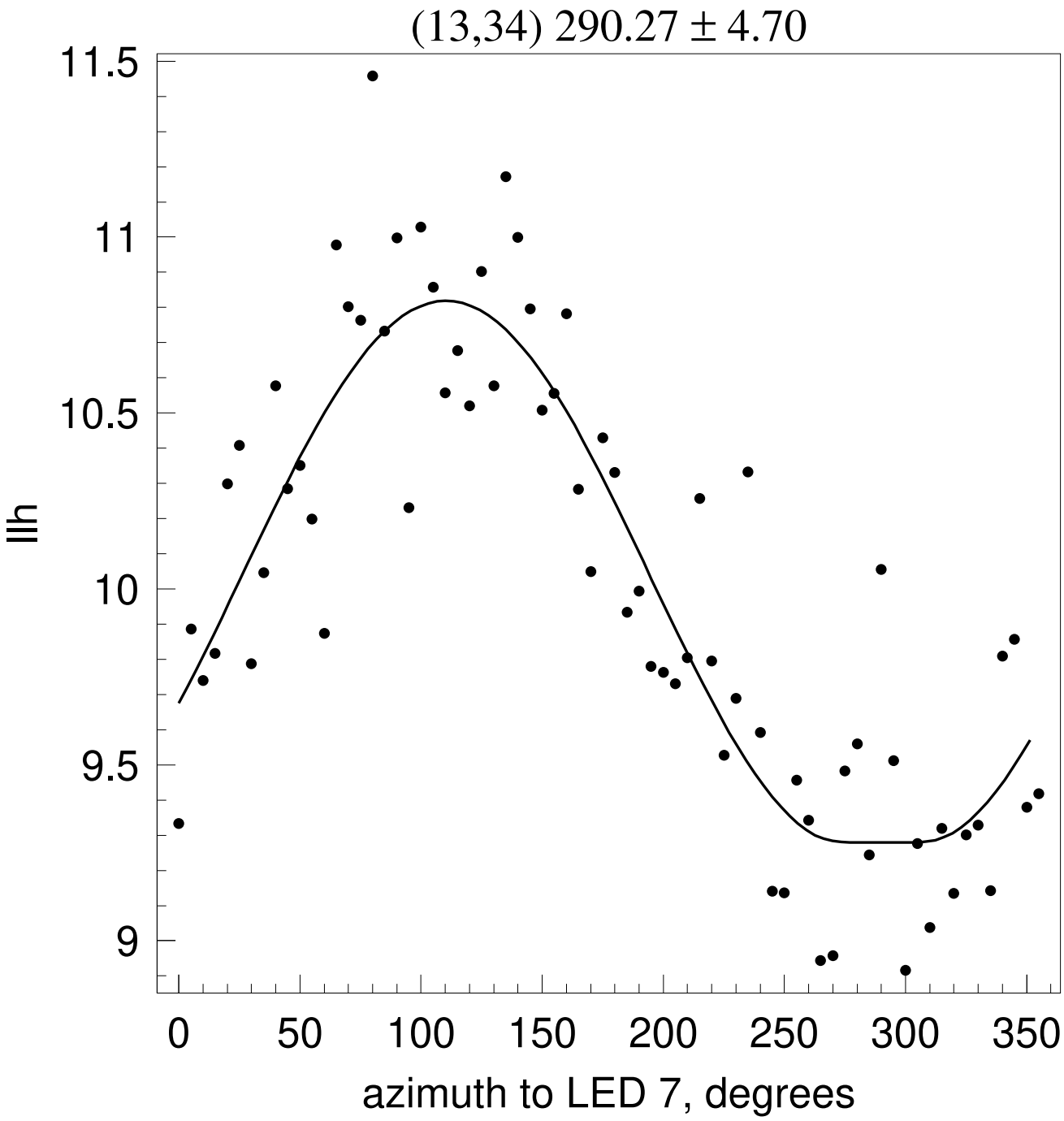

(13,29) 105.10 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

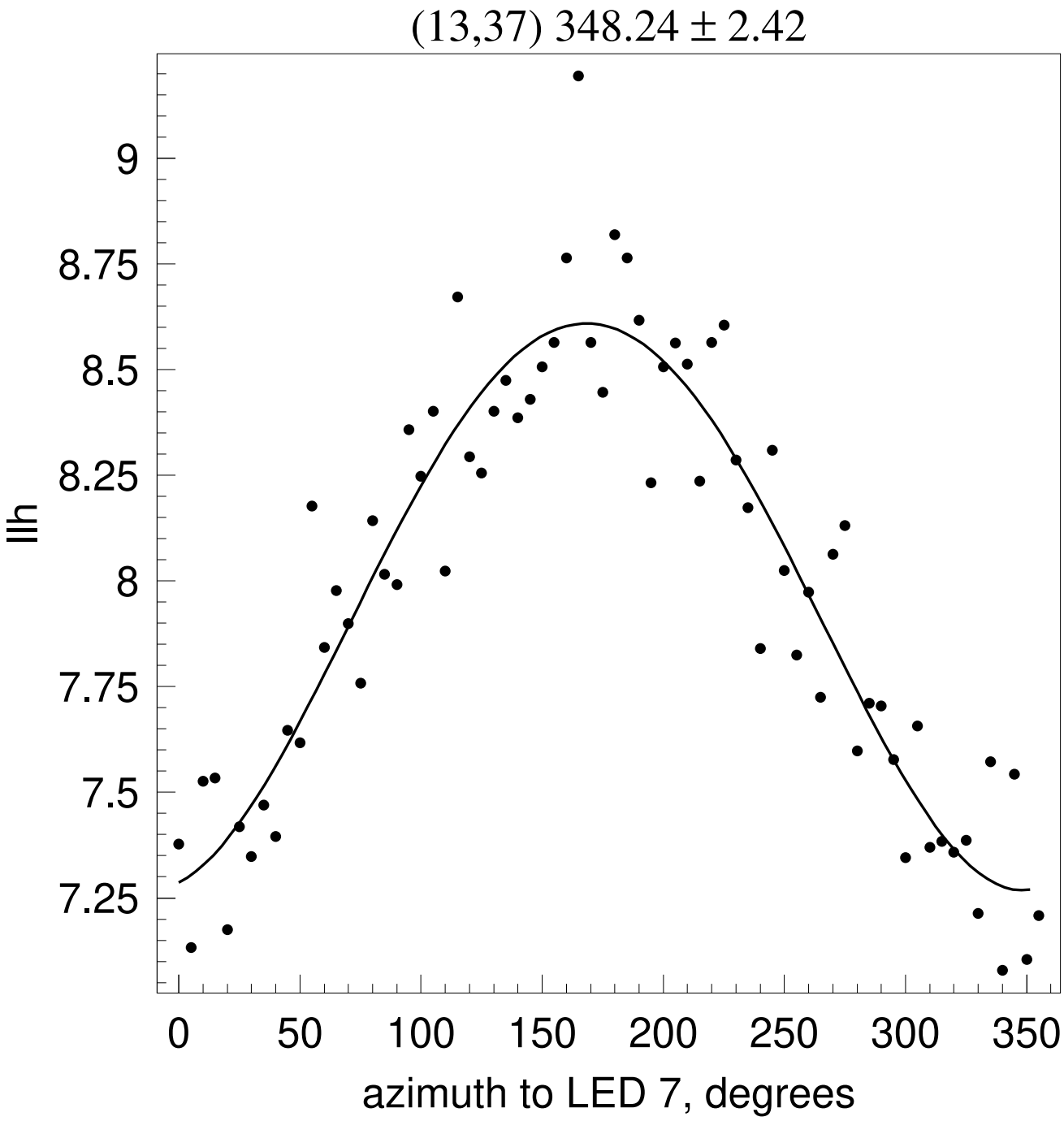

(13,30) 358.80 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

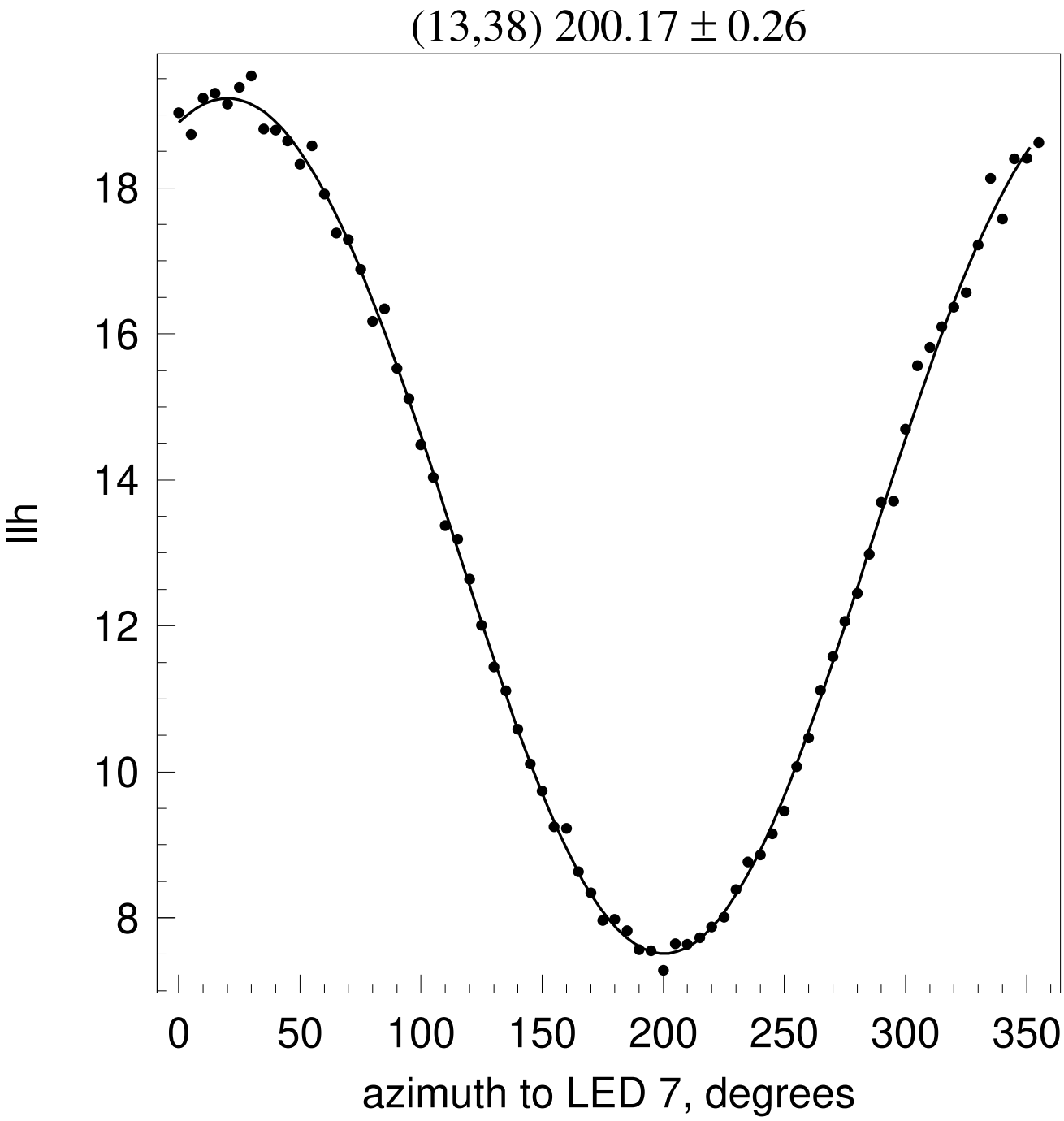

(13,31) 131.35 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

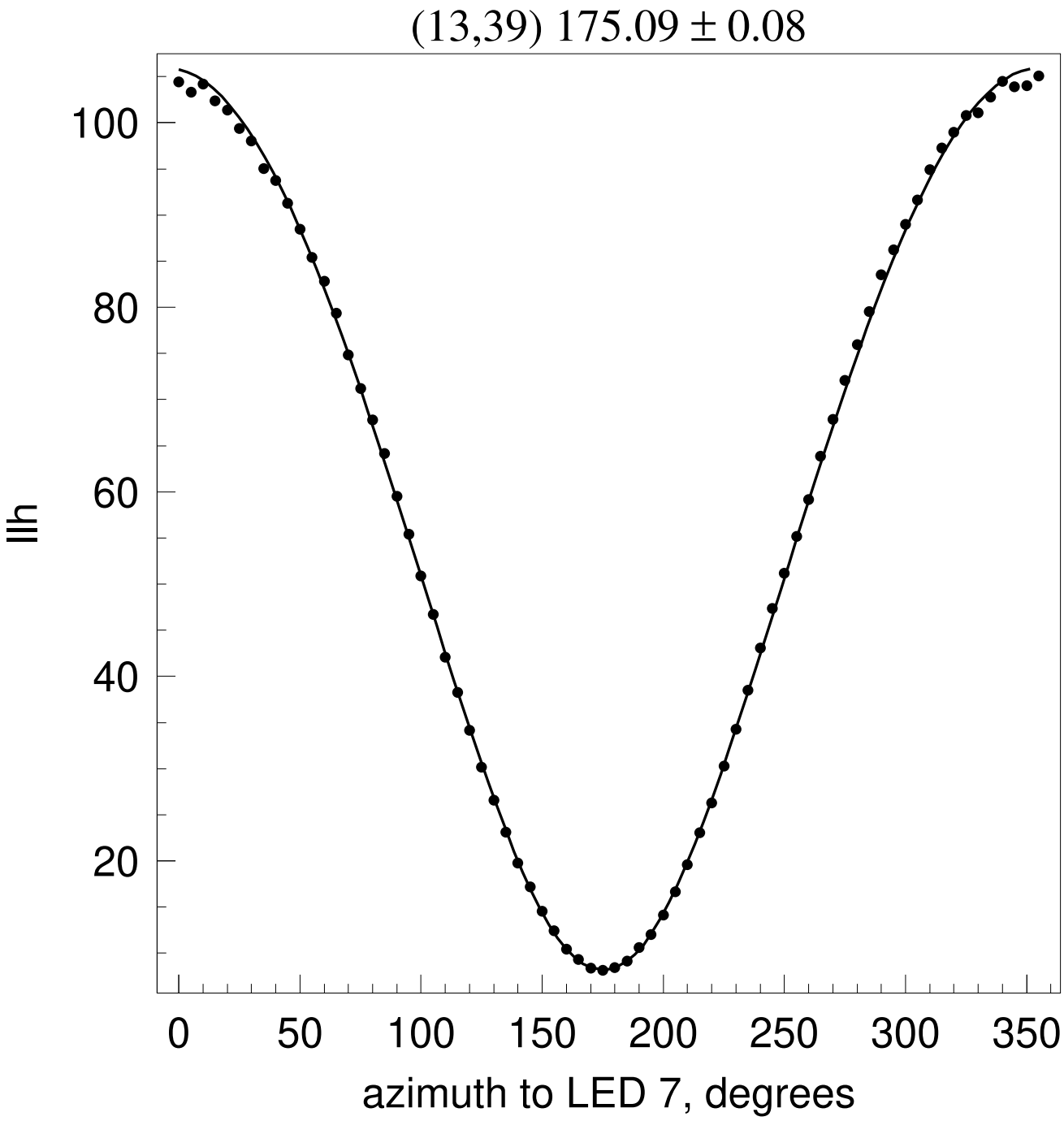

(13,32) 9.08 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

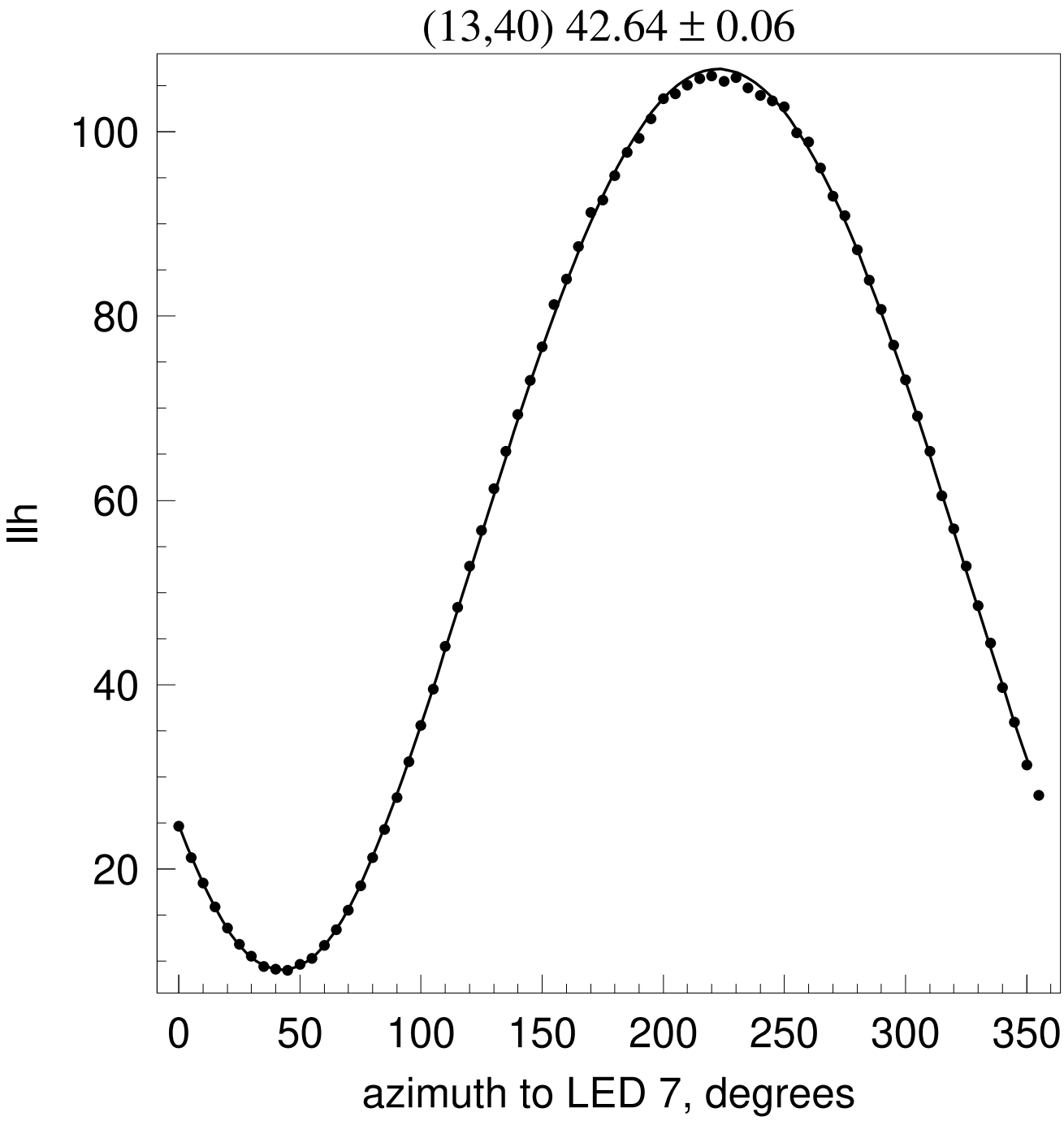

(13,33) 172.38 ± 2.79
12
11.5
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

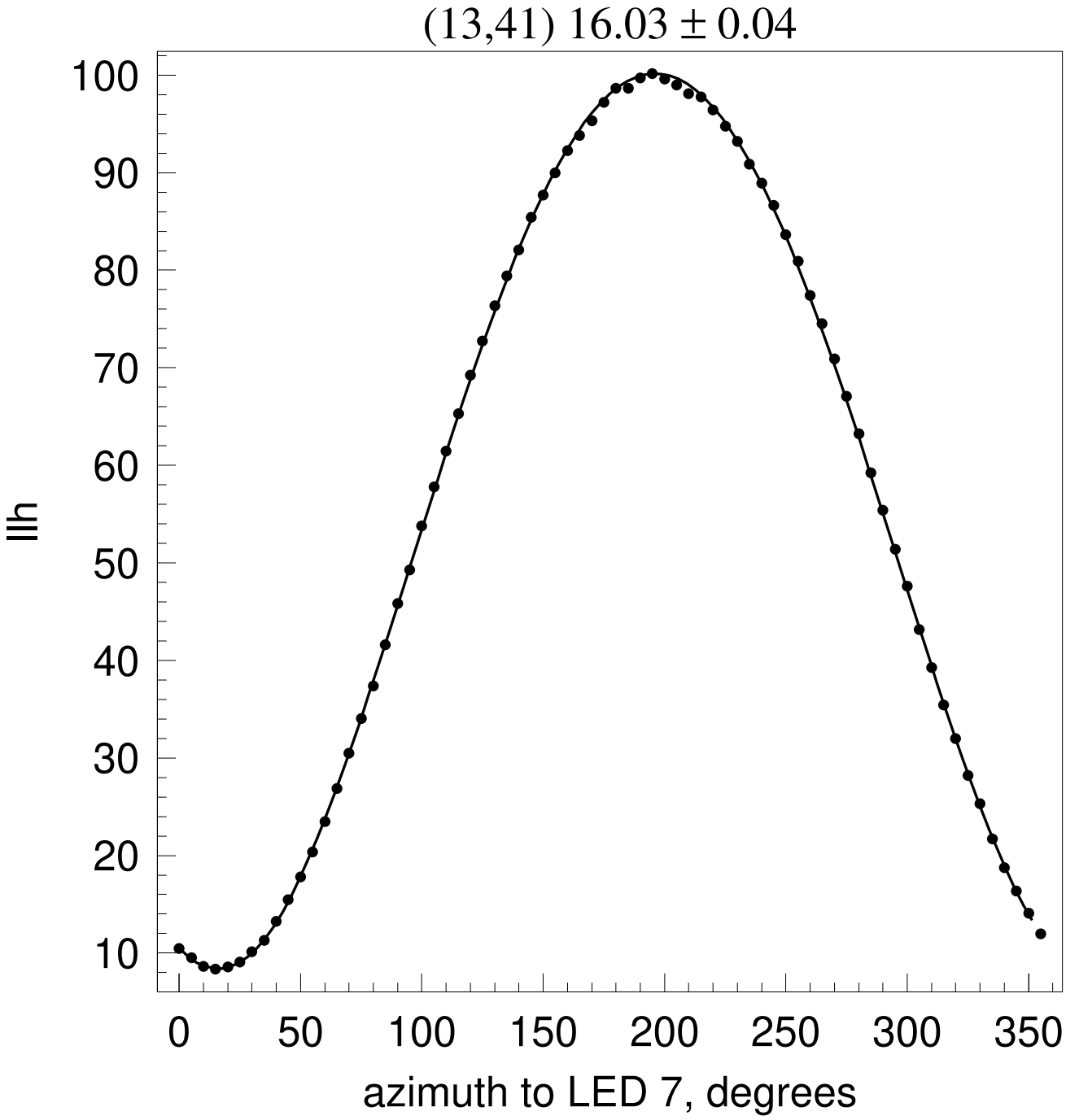

(13,34) 290.27 ± 4.70
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

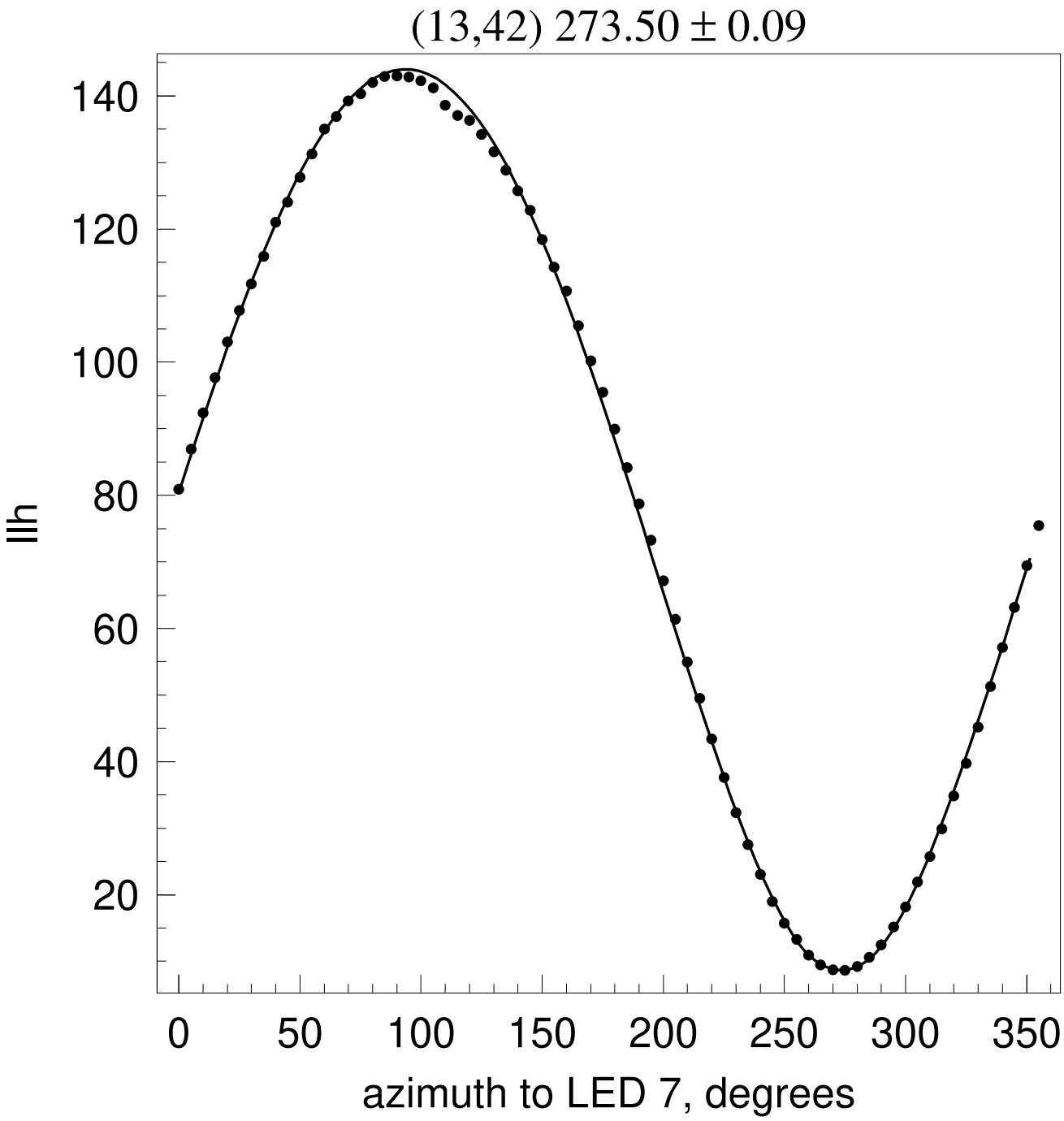

(13,37) 348.24 ± 2.42
9
8.75
8.5
8.25
8
7.75
7.5
7.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

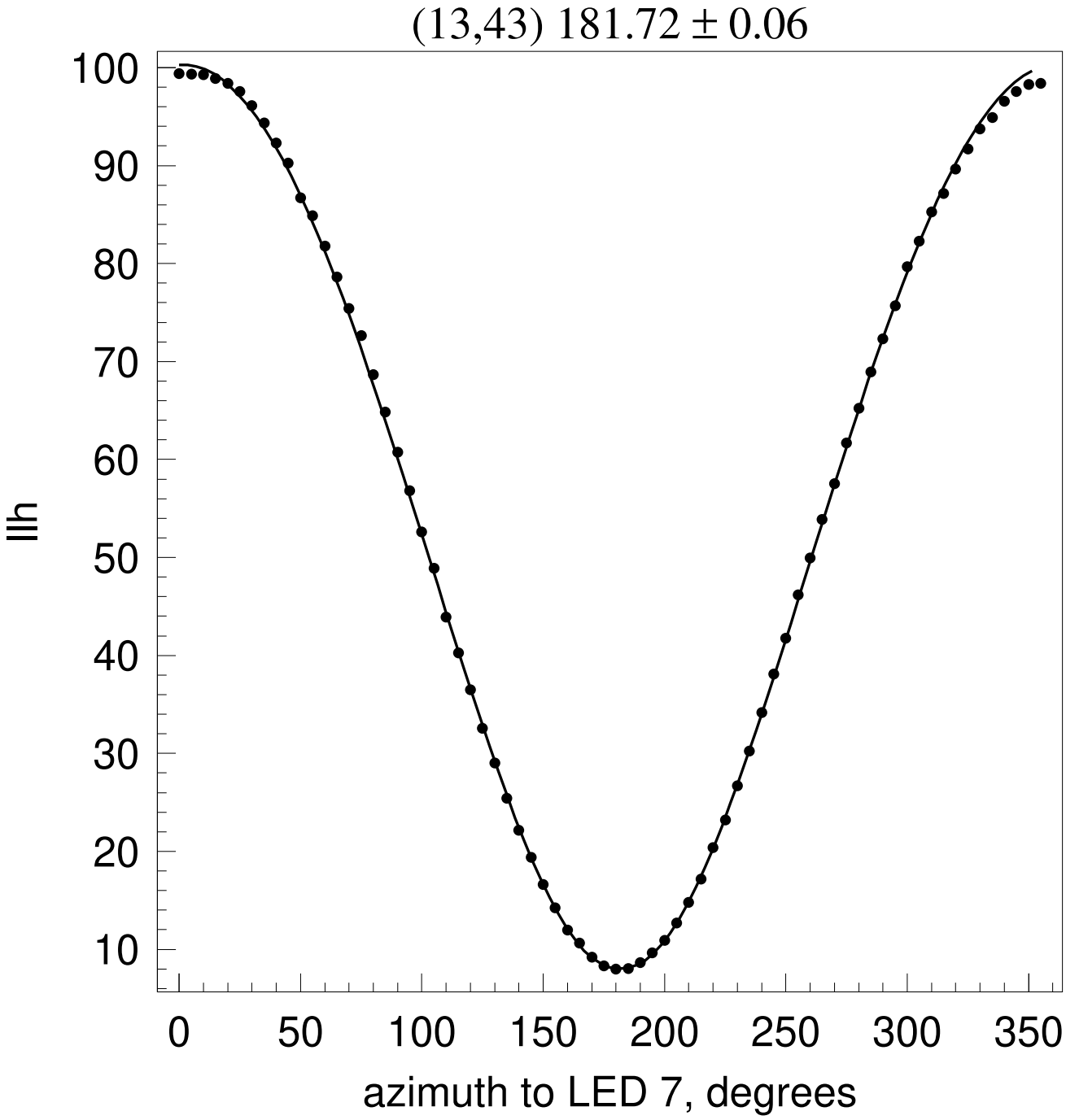

(13,38) 200.17 ± 0.26
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

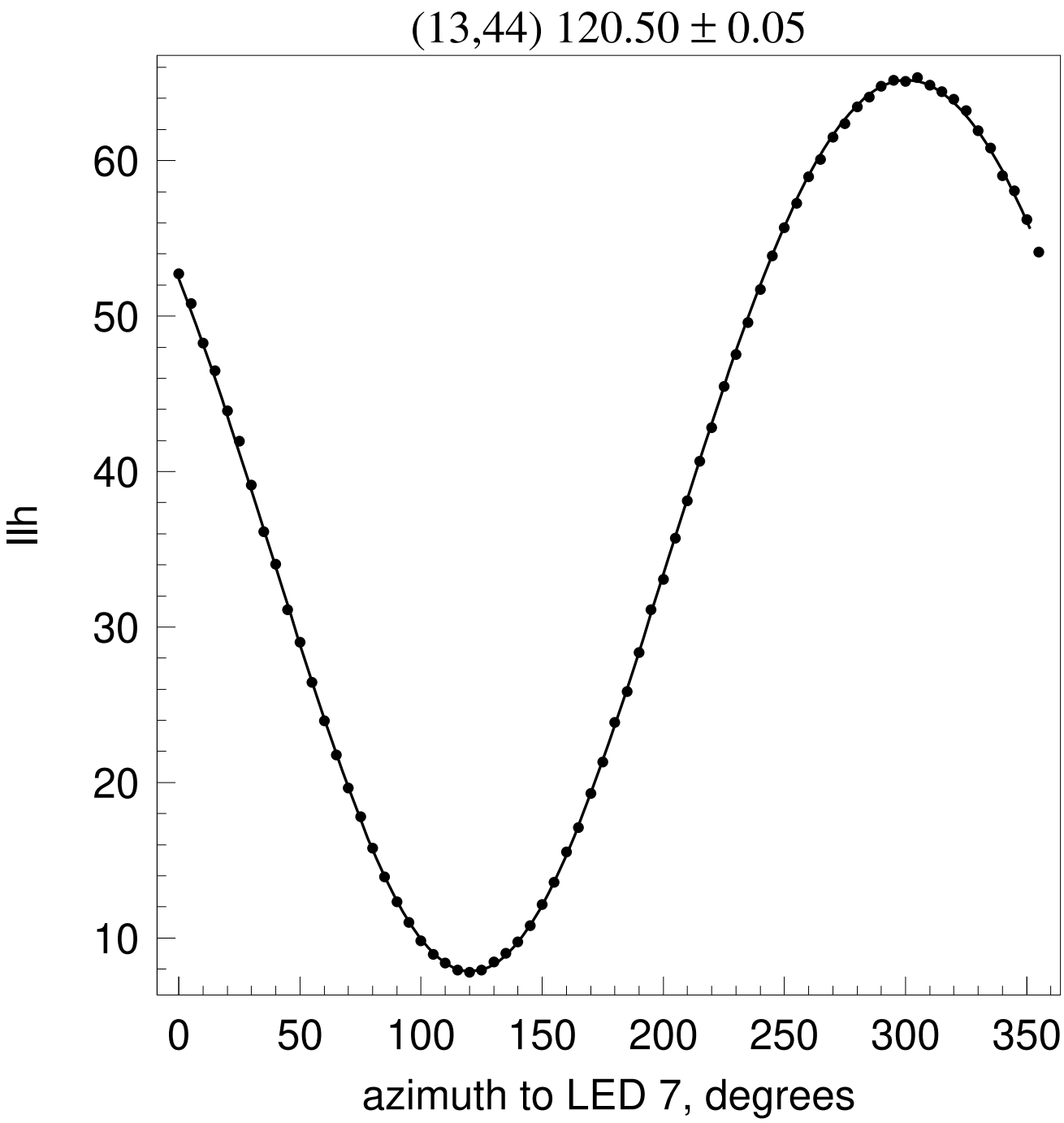

(13,39) 175.09 ± 0.08
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

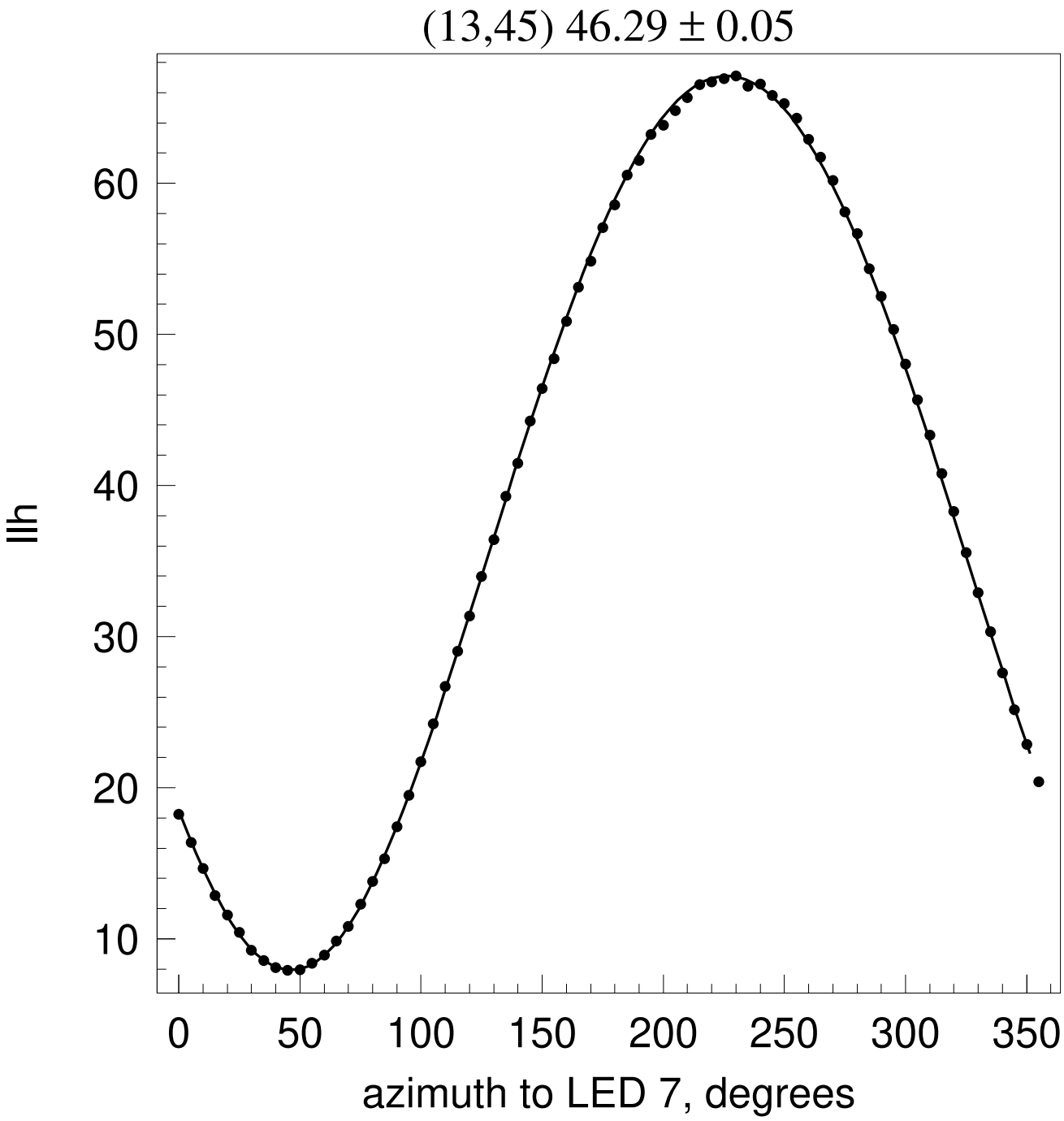

(13,40) 42.64 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

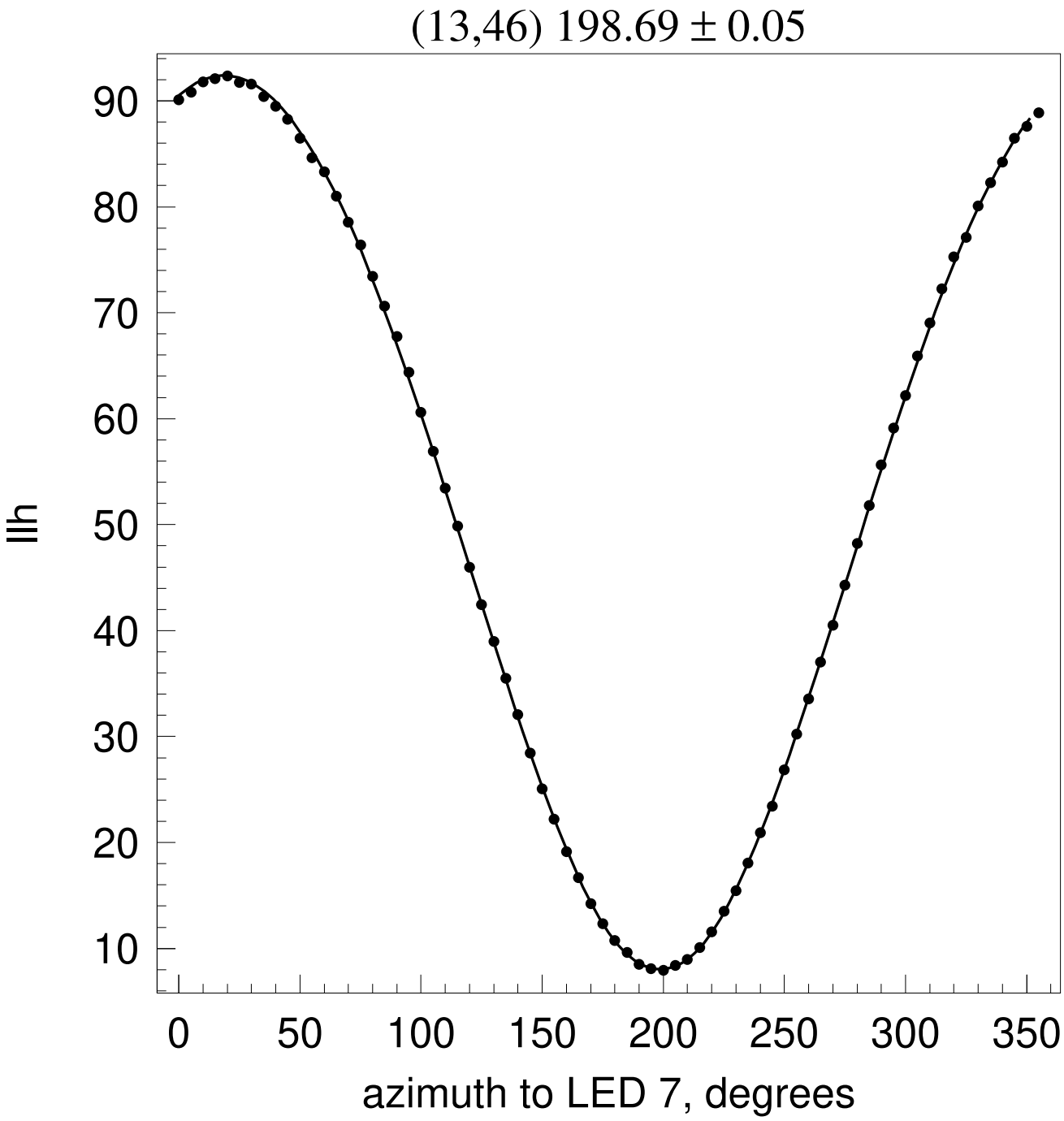

(13,41) 16.03 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

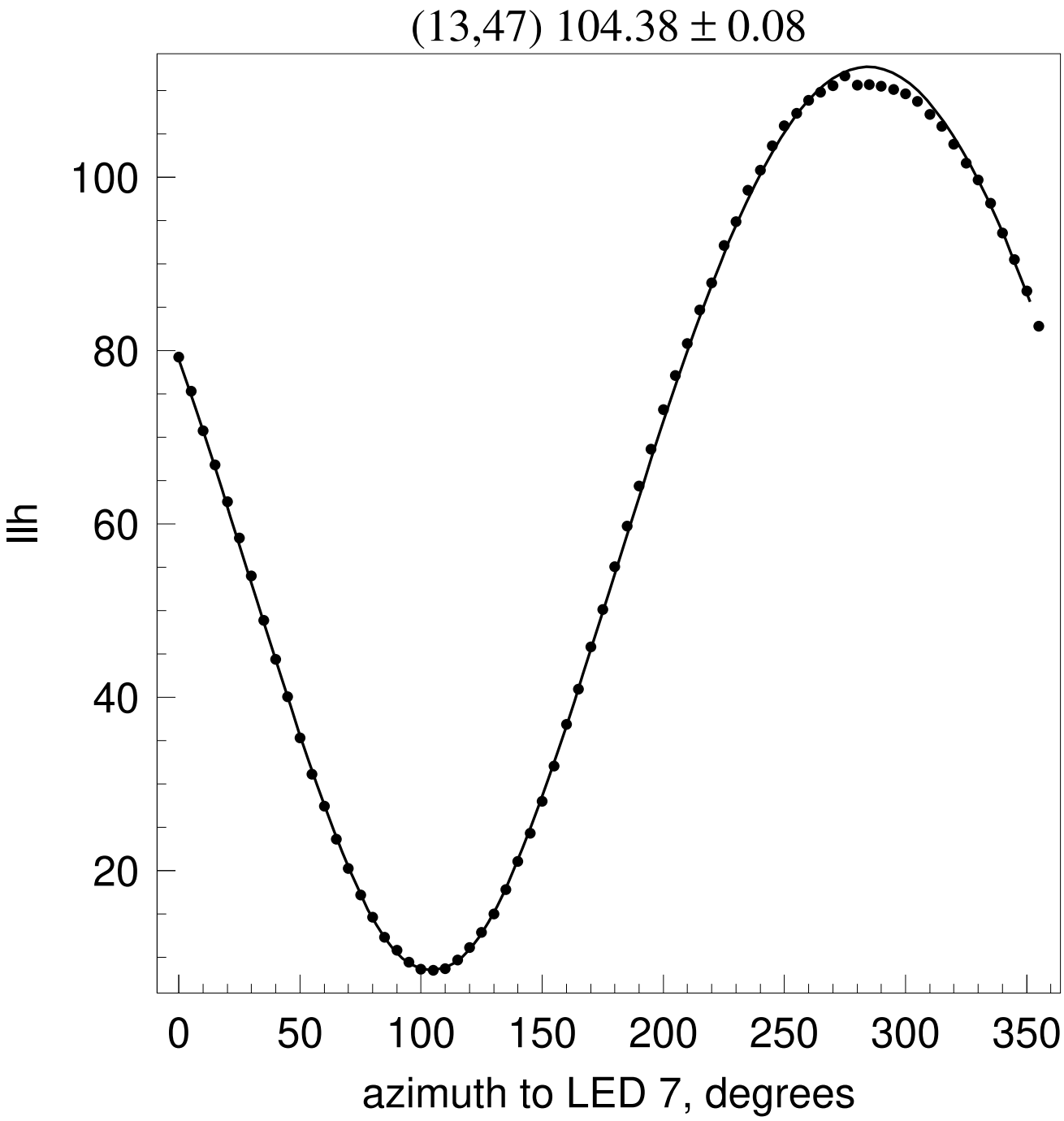

(13,42) 273.50 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

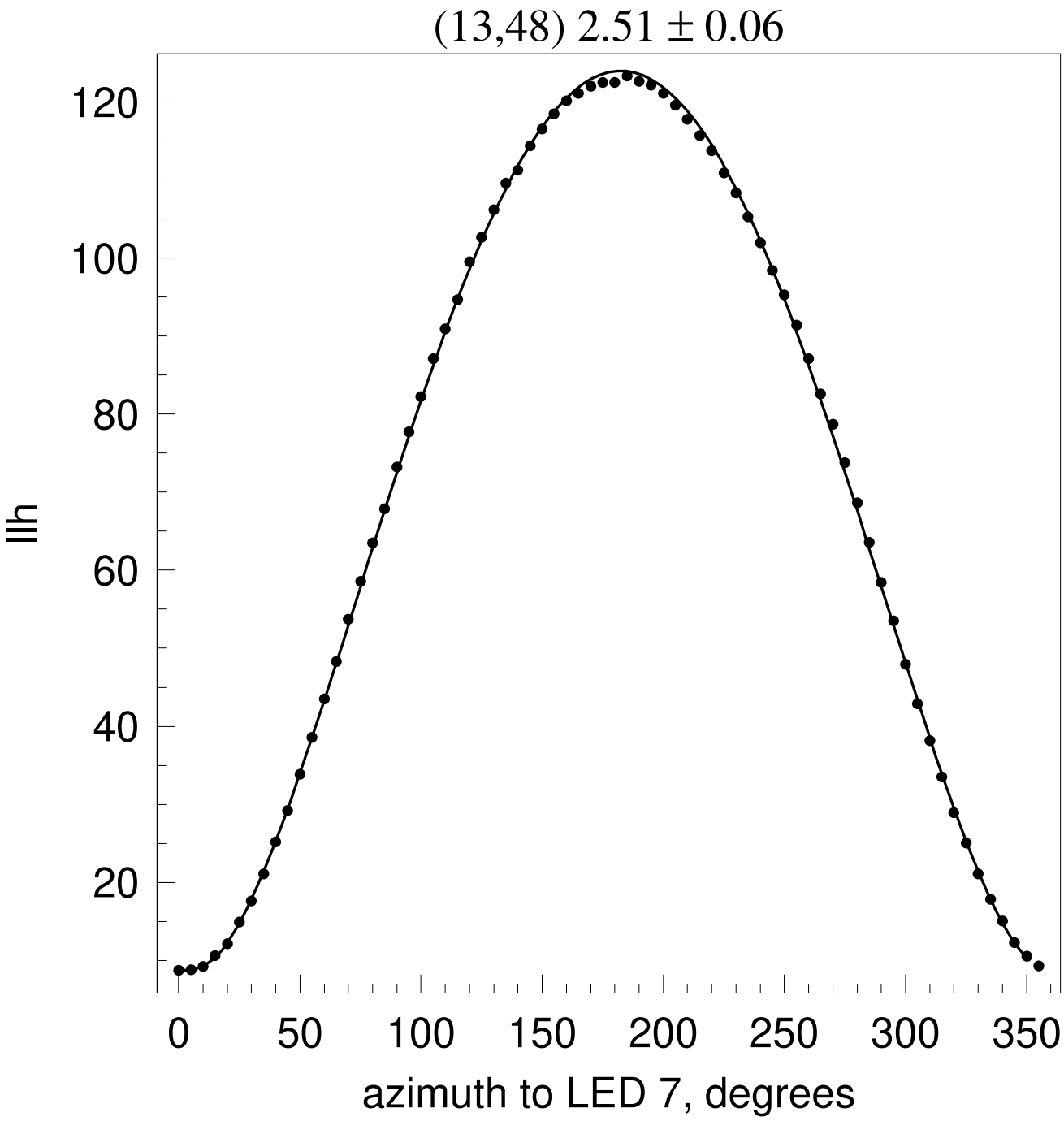

(13,43) 181.72 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

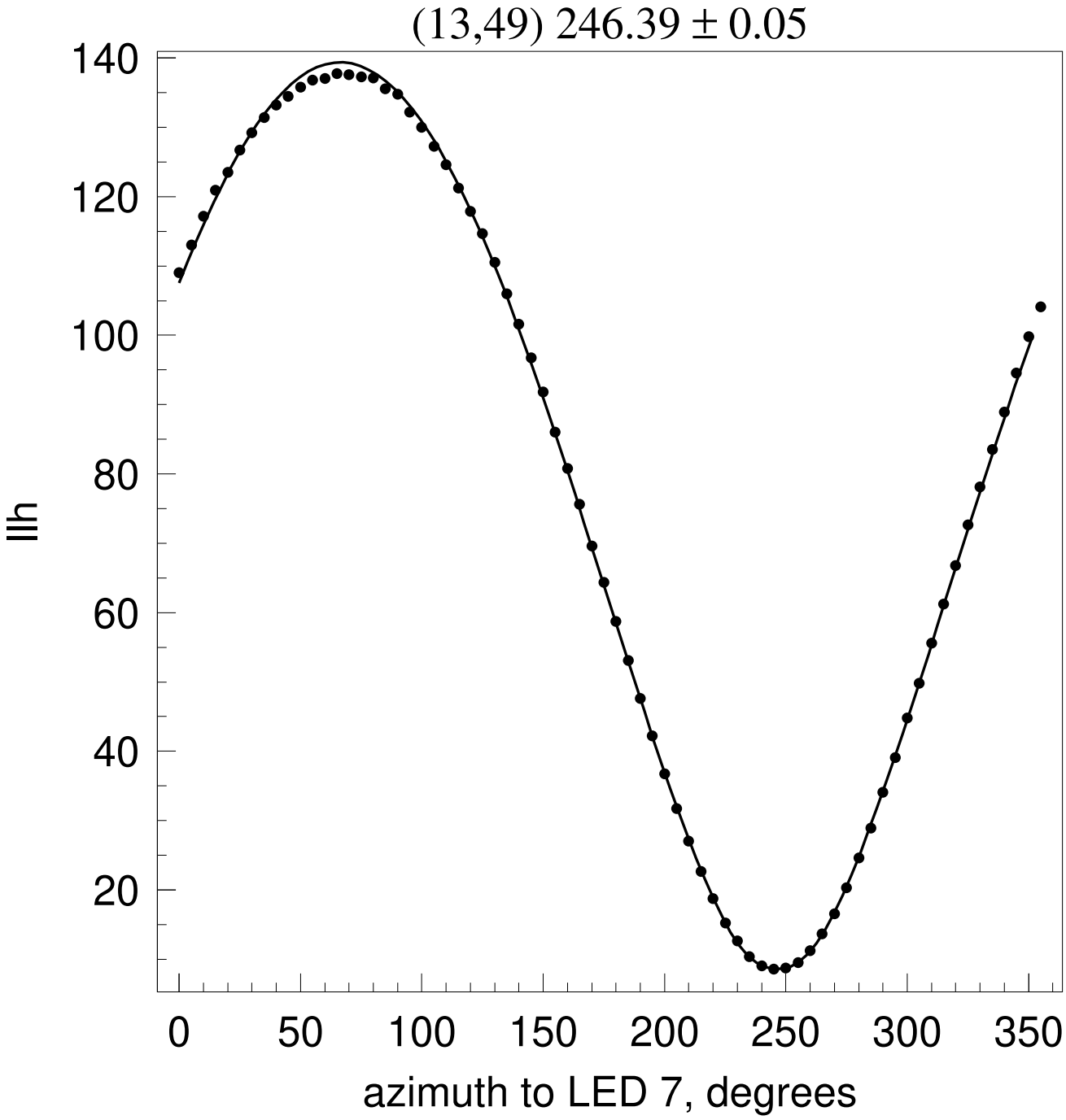

(13,44) 120.50 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

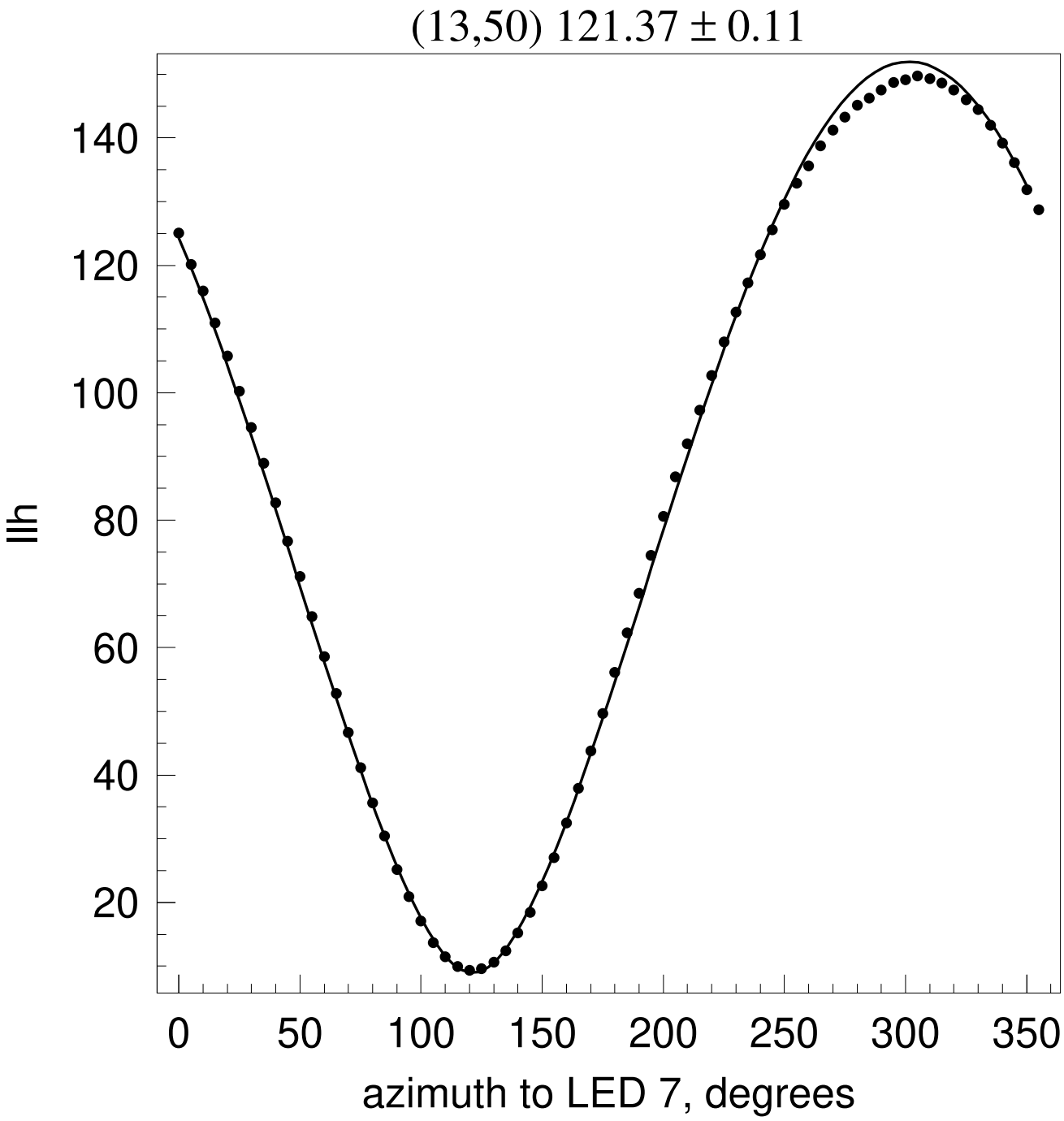

(13,45) 46.29 ± 0.05
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

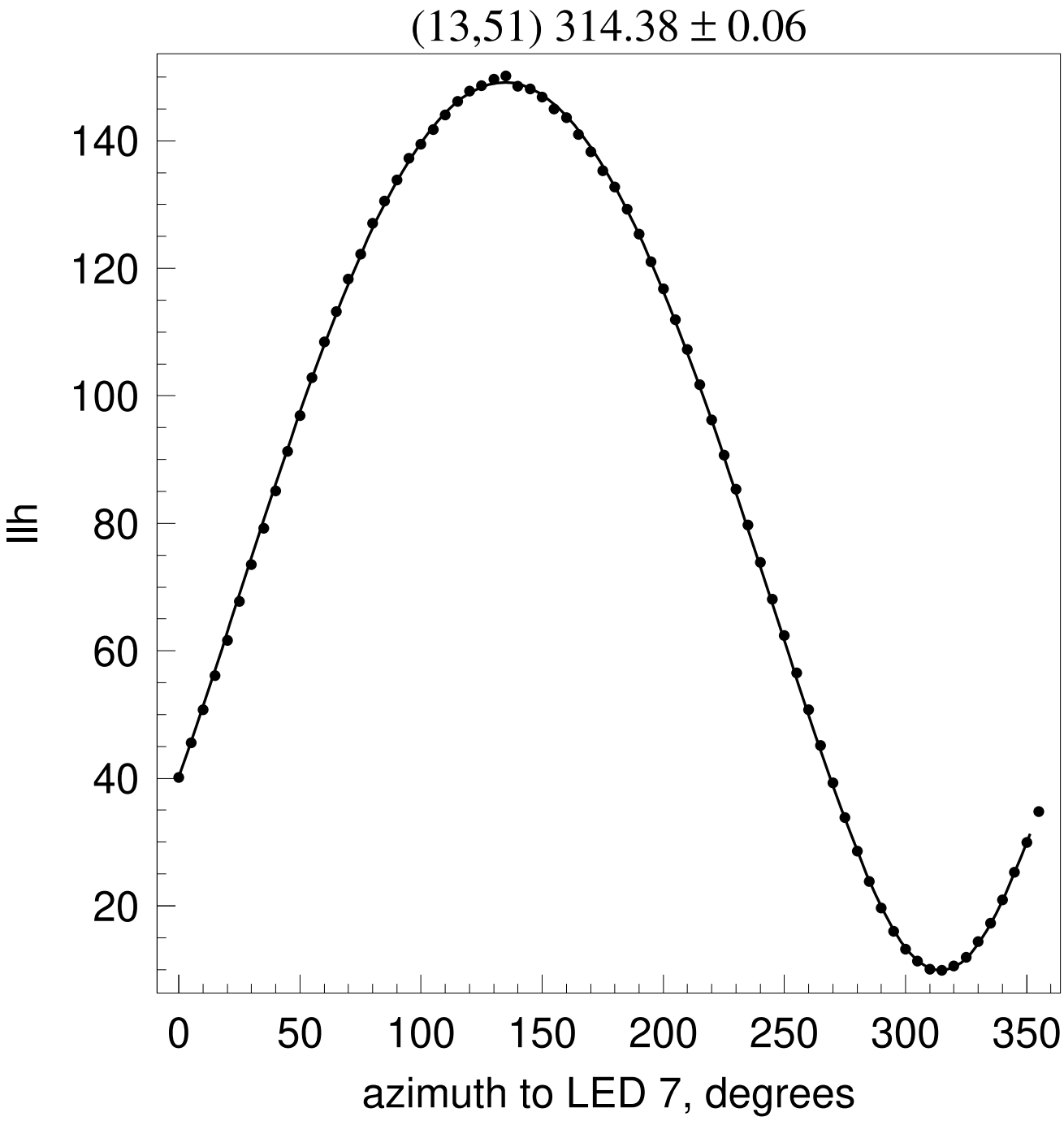

(13,46) 198.69 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

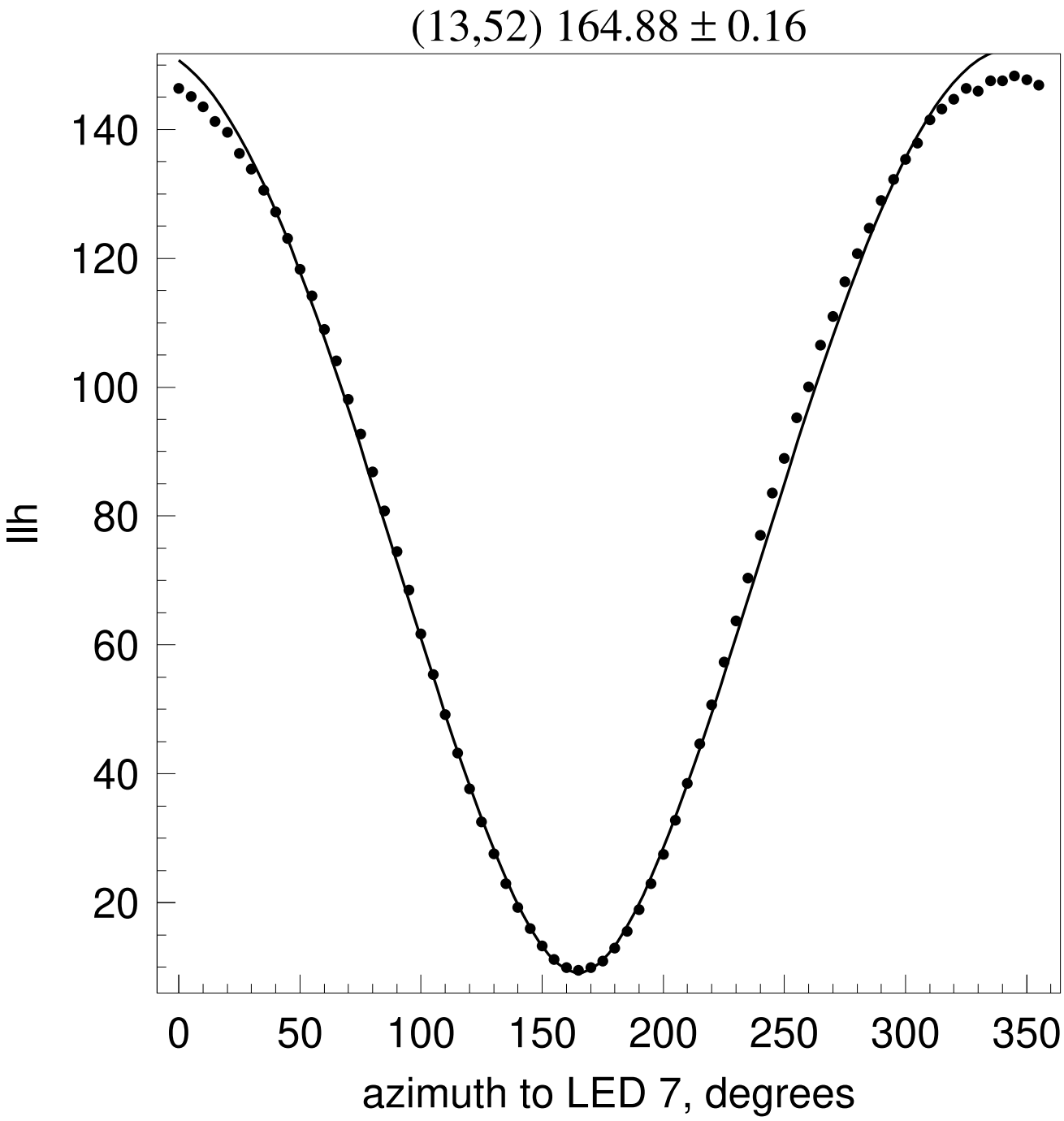

(13,47) 104.38 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

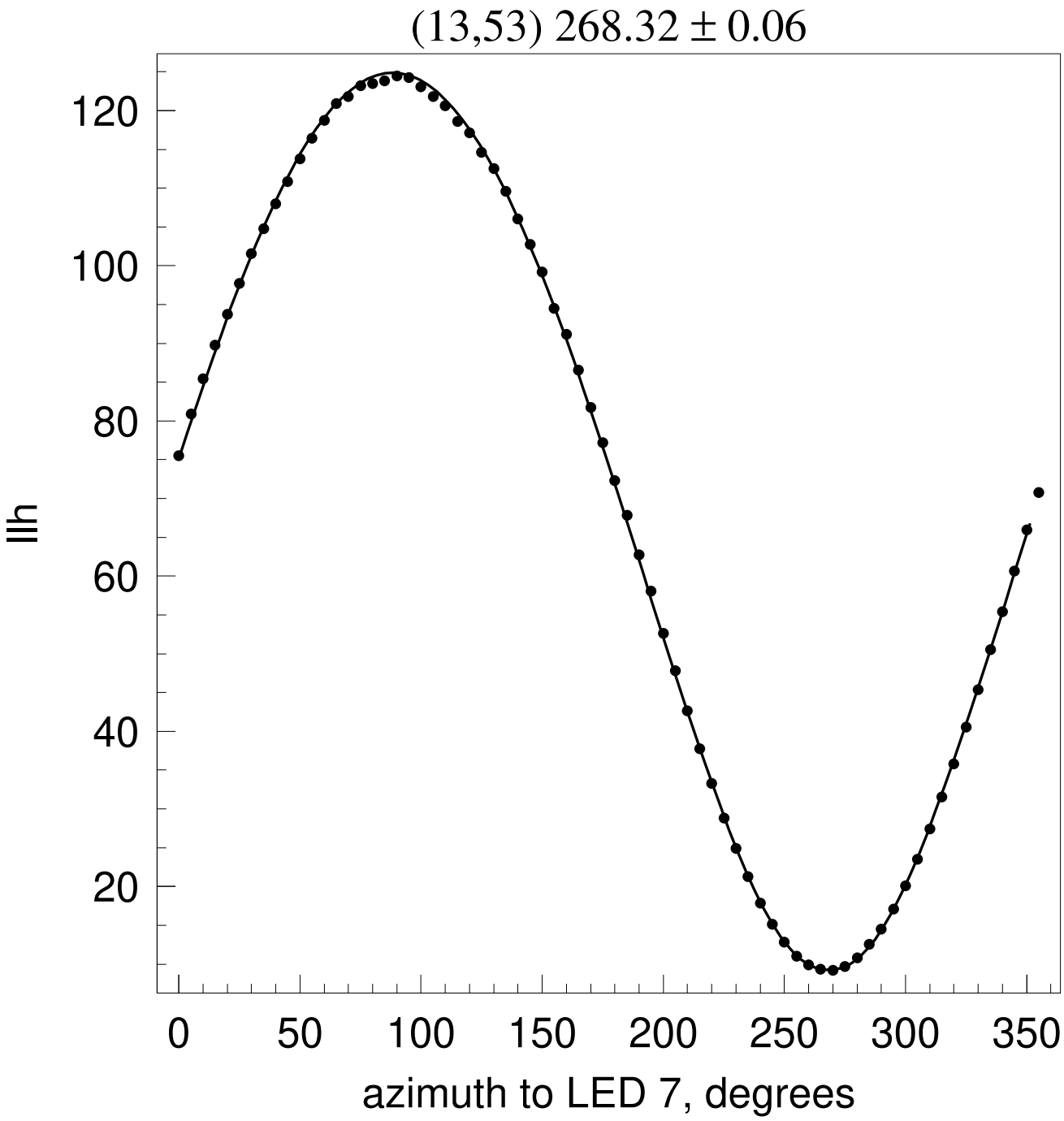

(13,48) 2.51 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

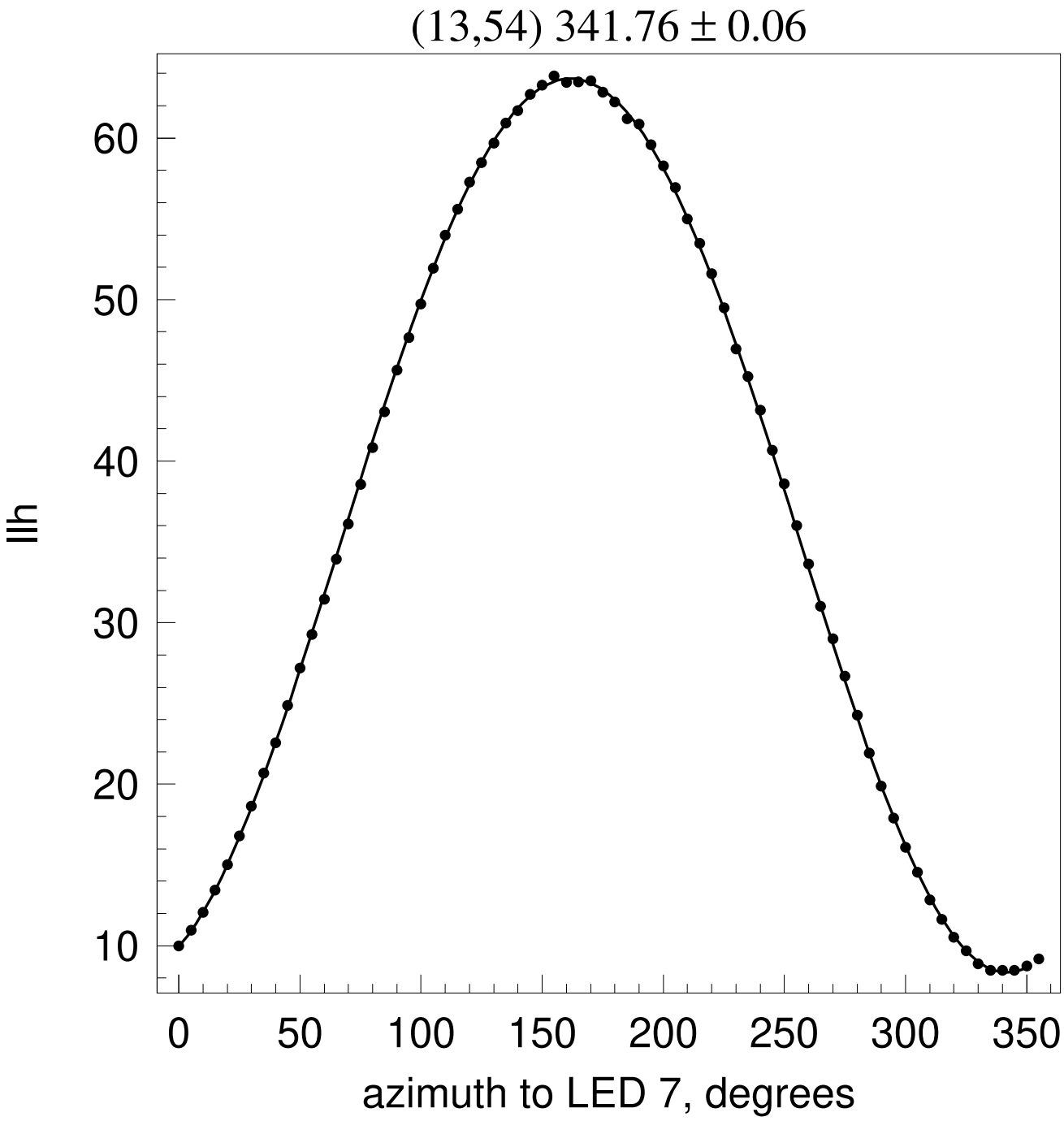

(13,49) 246.39 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

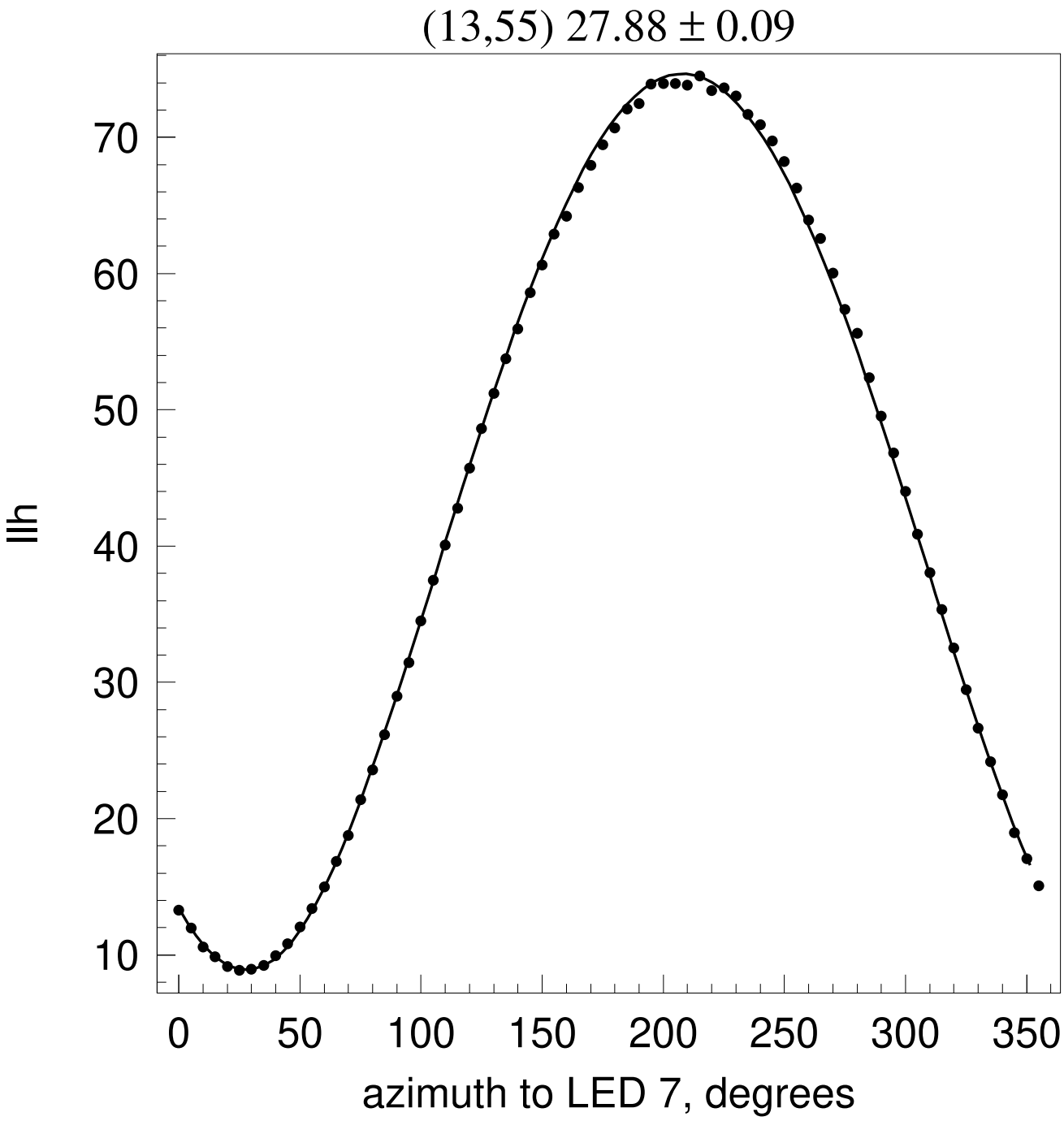

(13,50) 121.37 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

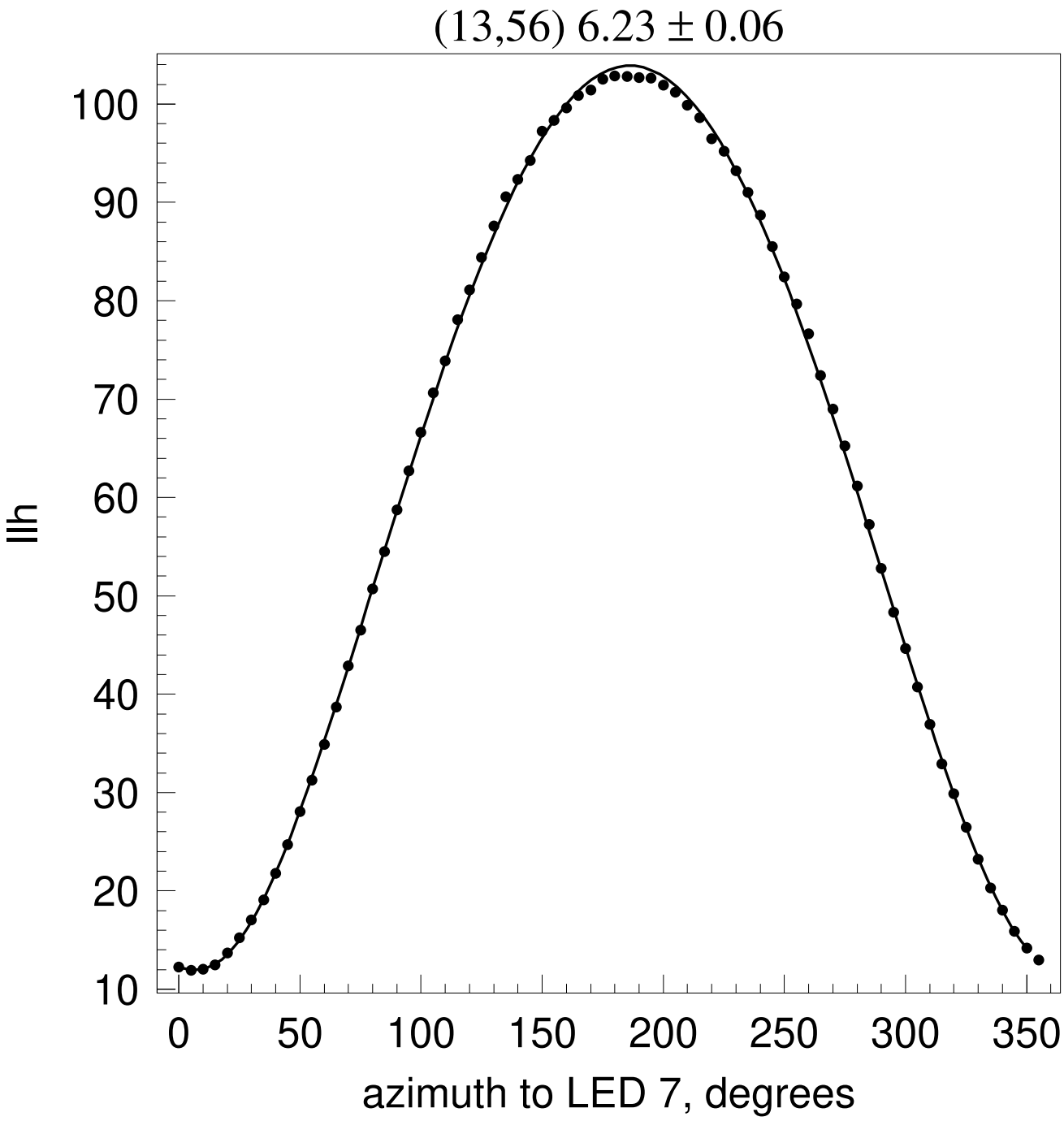

(13,51) 314.38 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

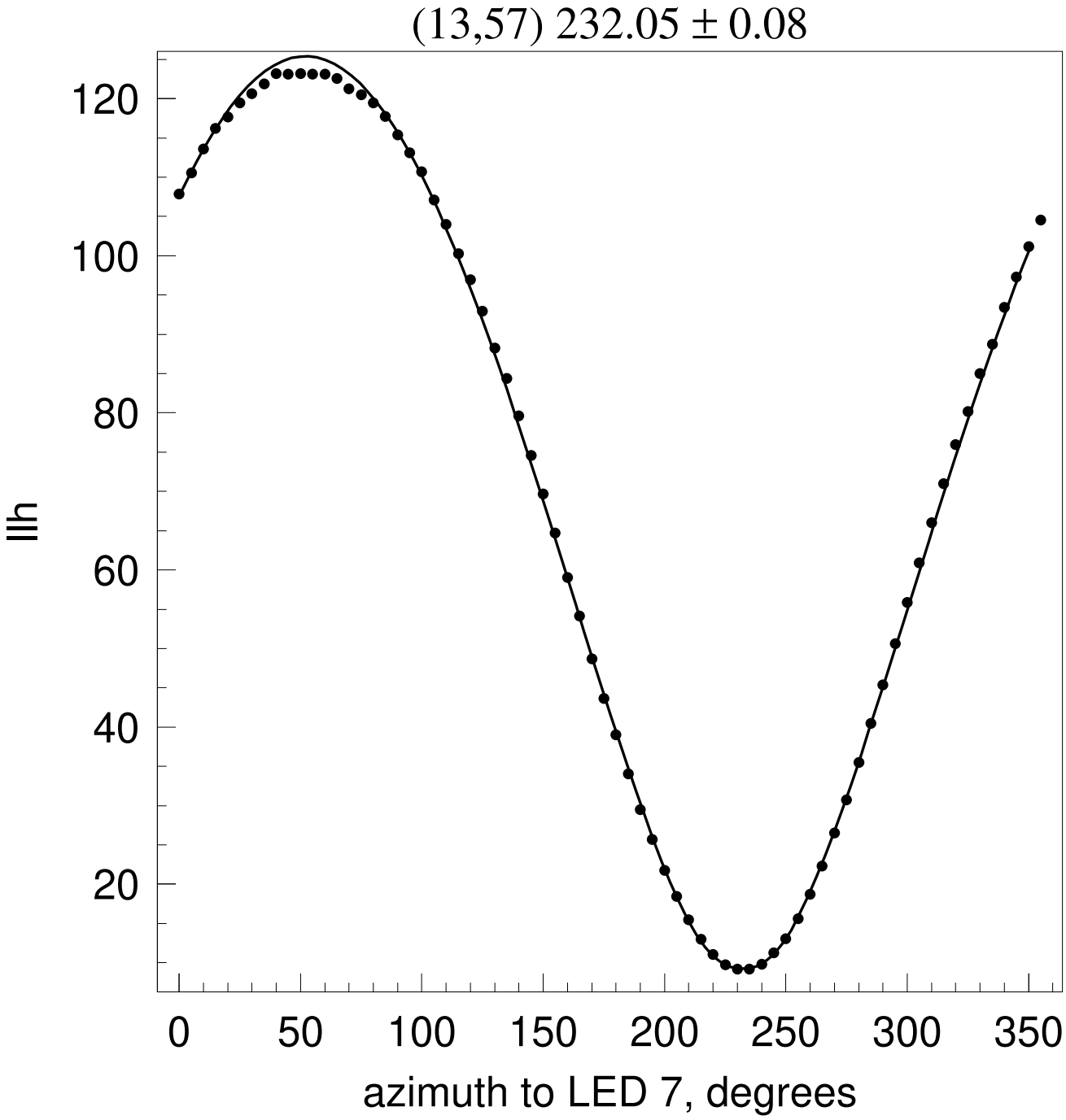

(13,52) 164.88 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

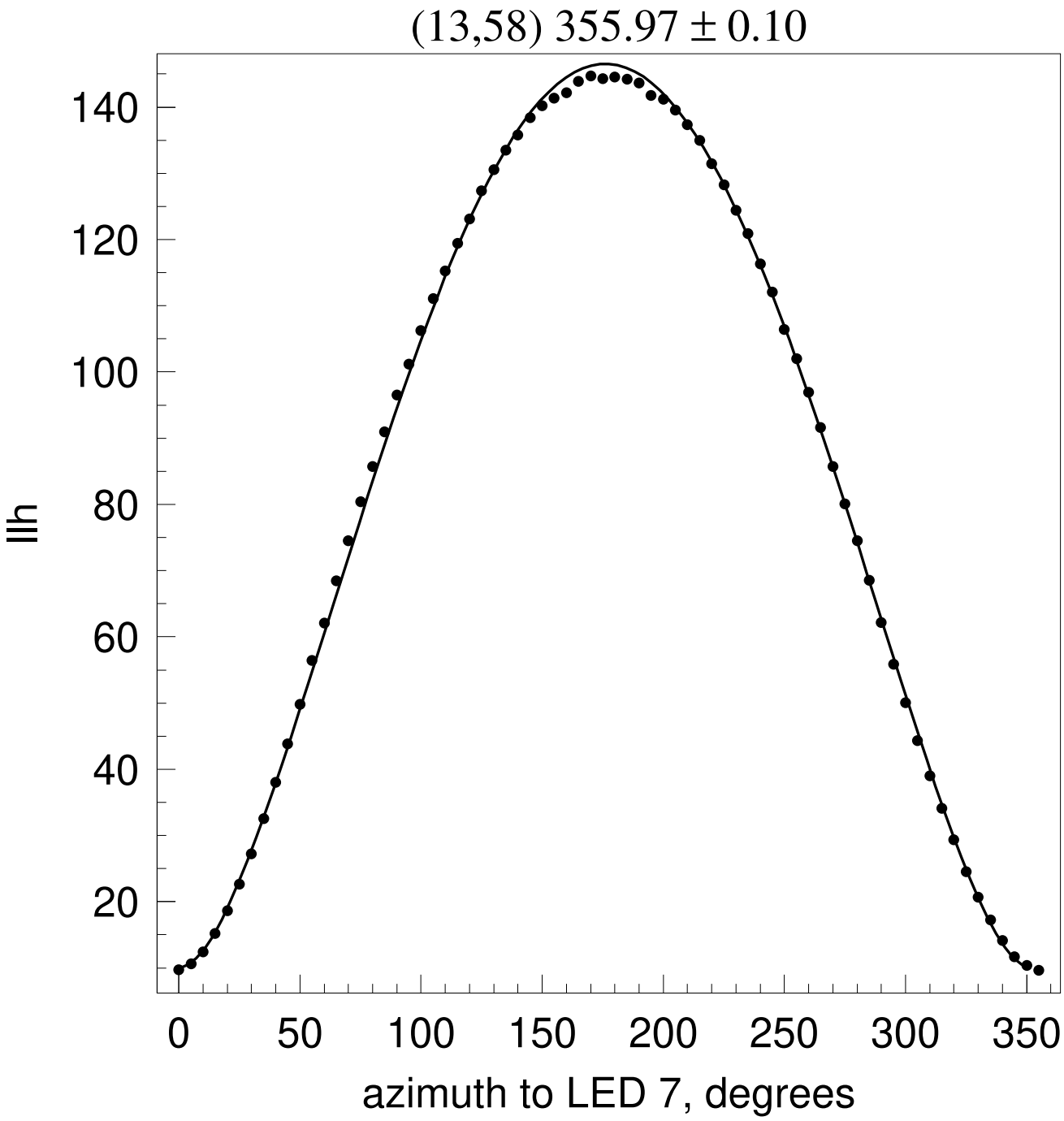

(13,53) 268.32 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

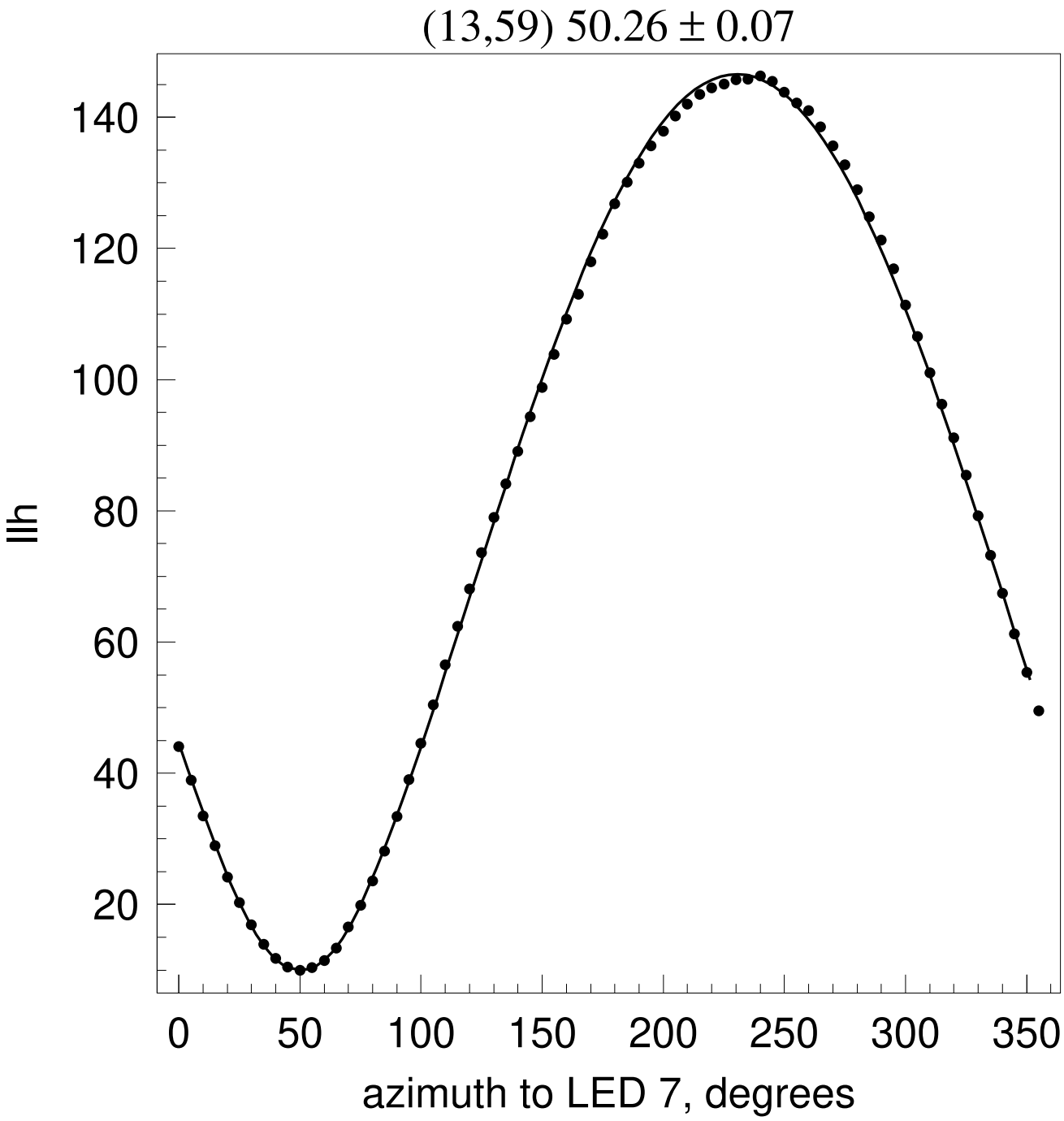

(13,54) 341.76 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

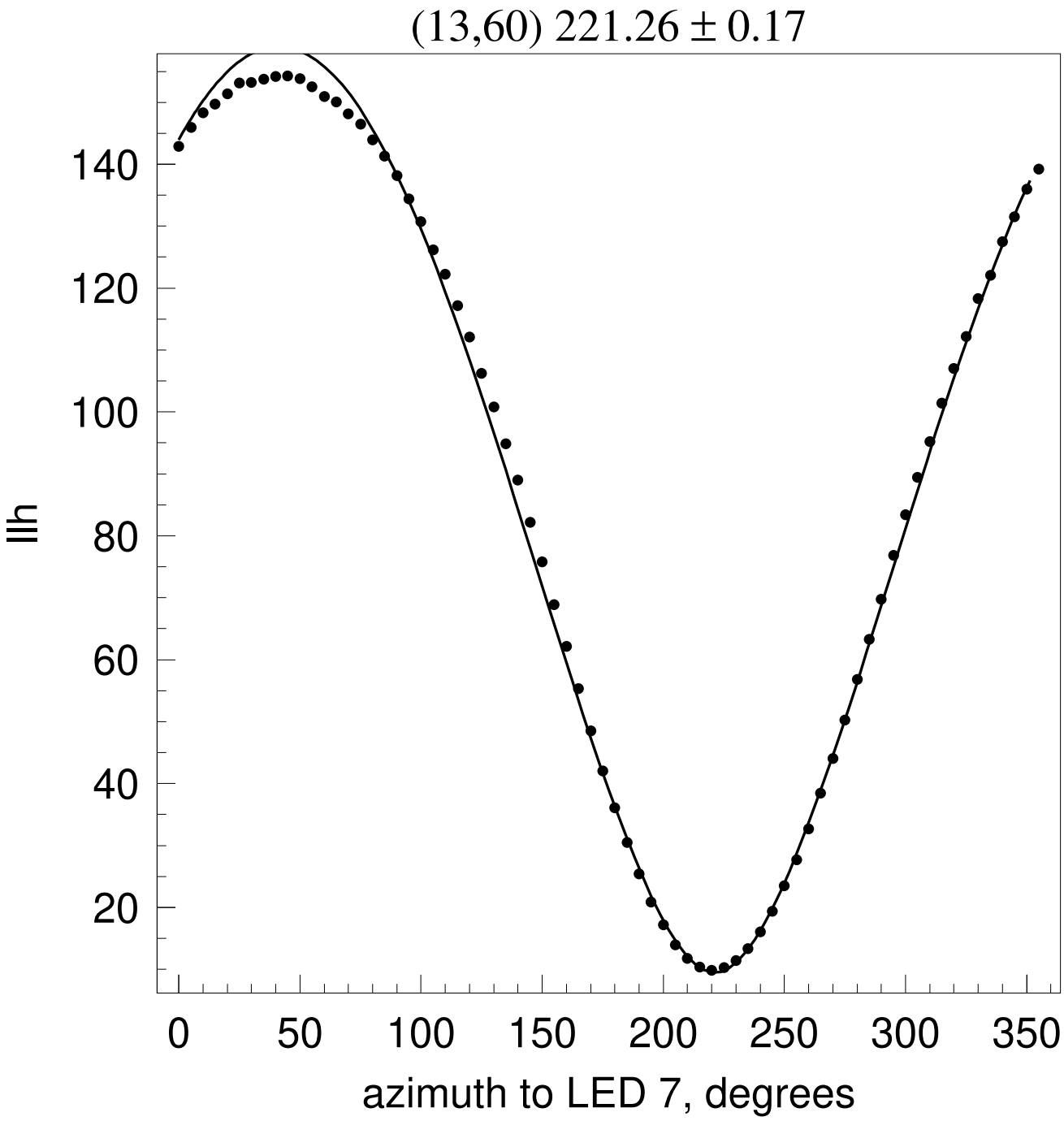

(13,55) 27.88 ± 0.09
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

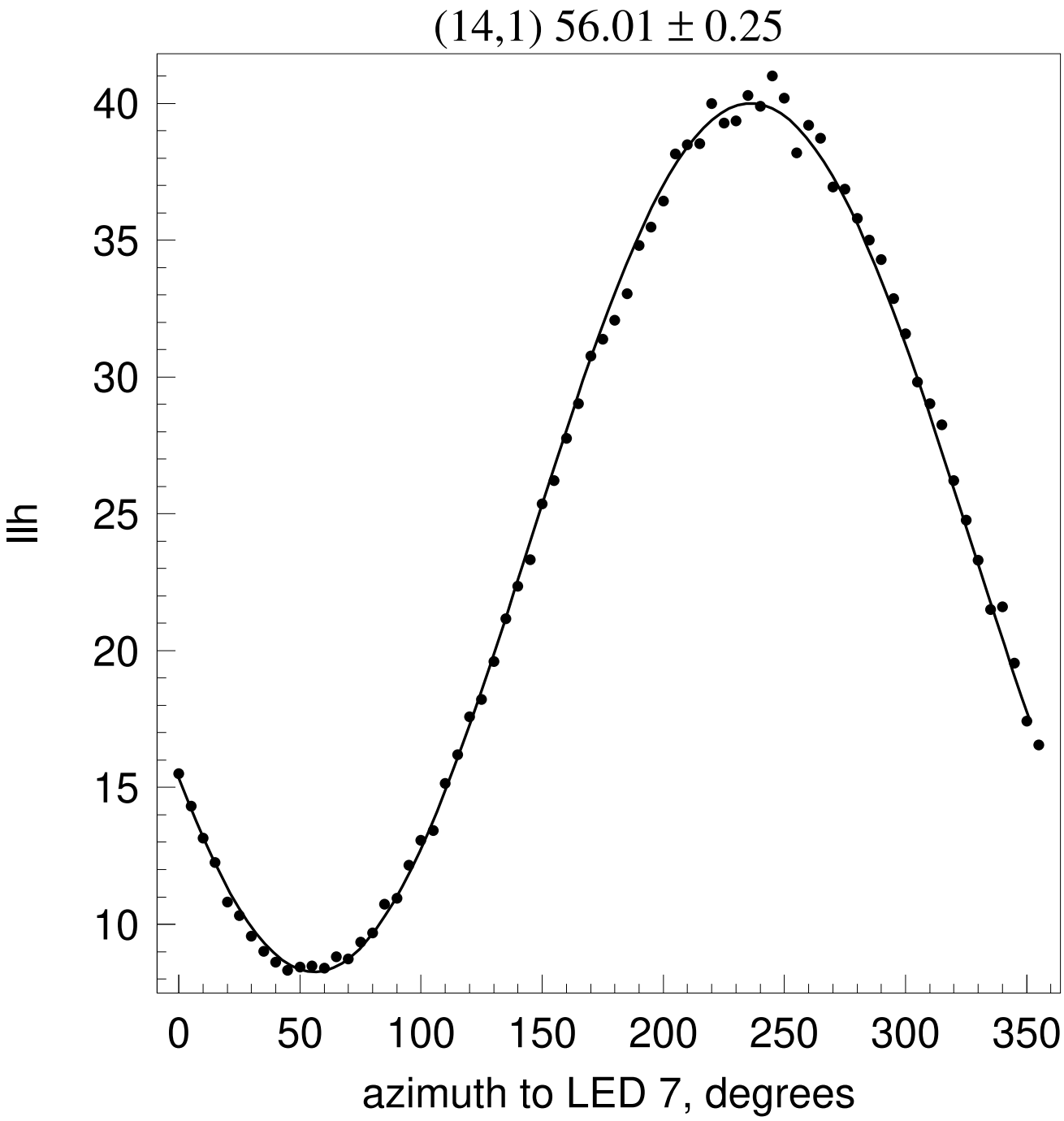

(13,56) 6.23 ± 0.06
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

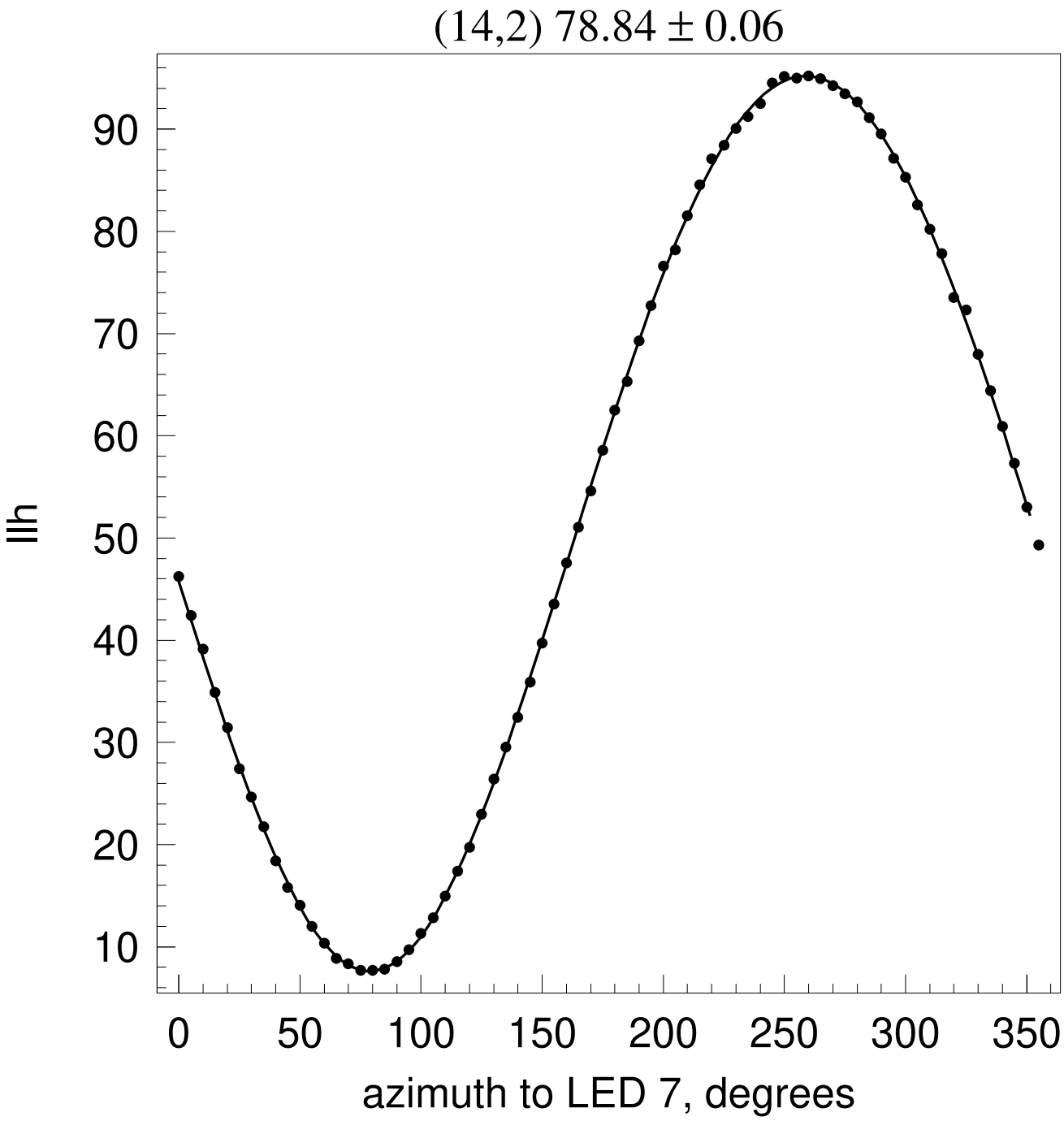

(13,57) 232.05 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

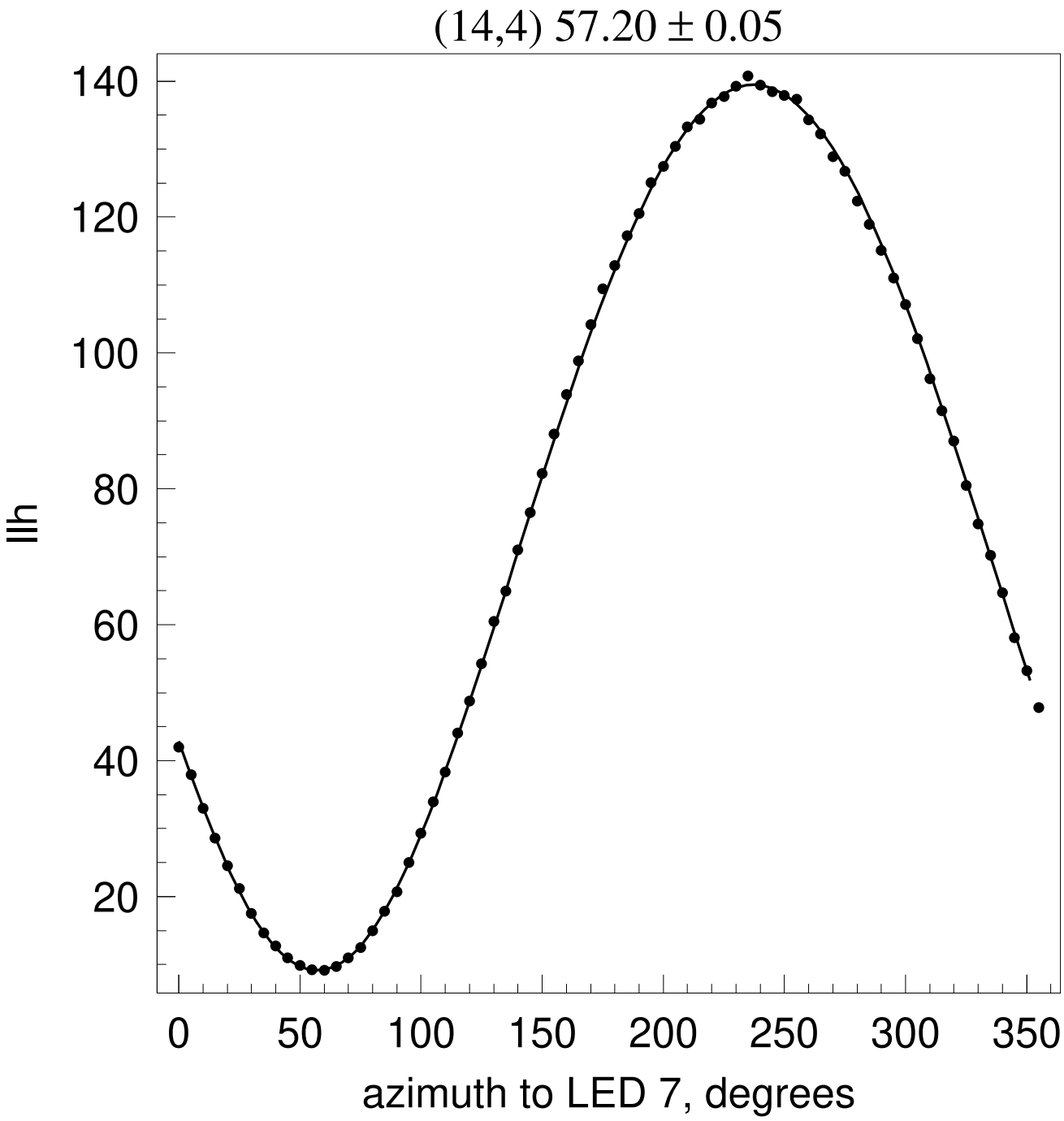

(13,58) 355.97 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

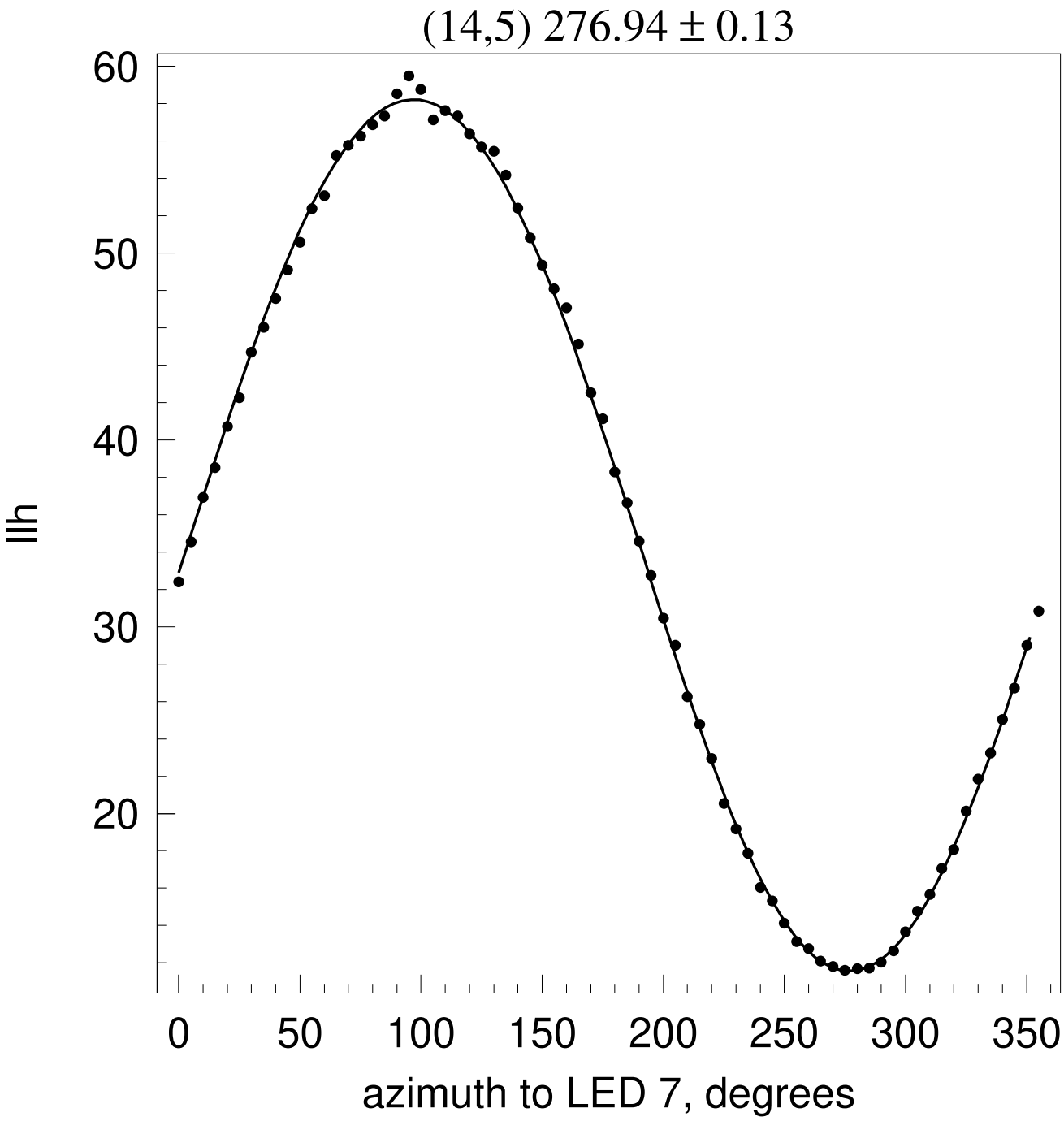

(13,59) 50.26 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

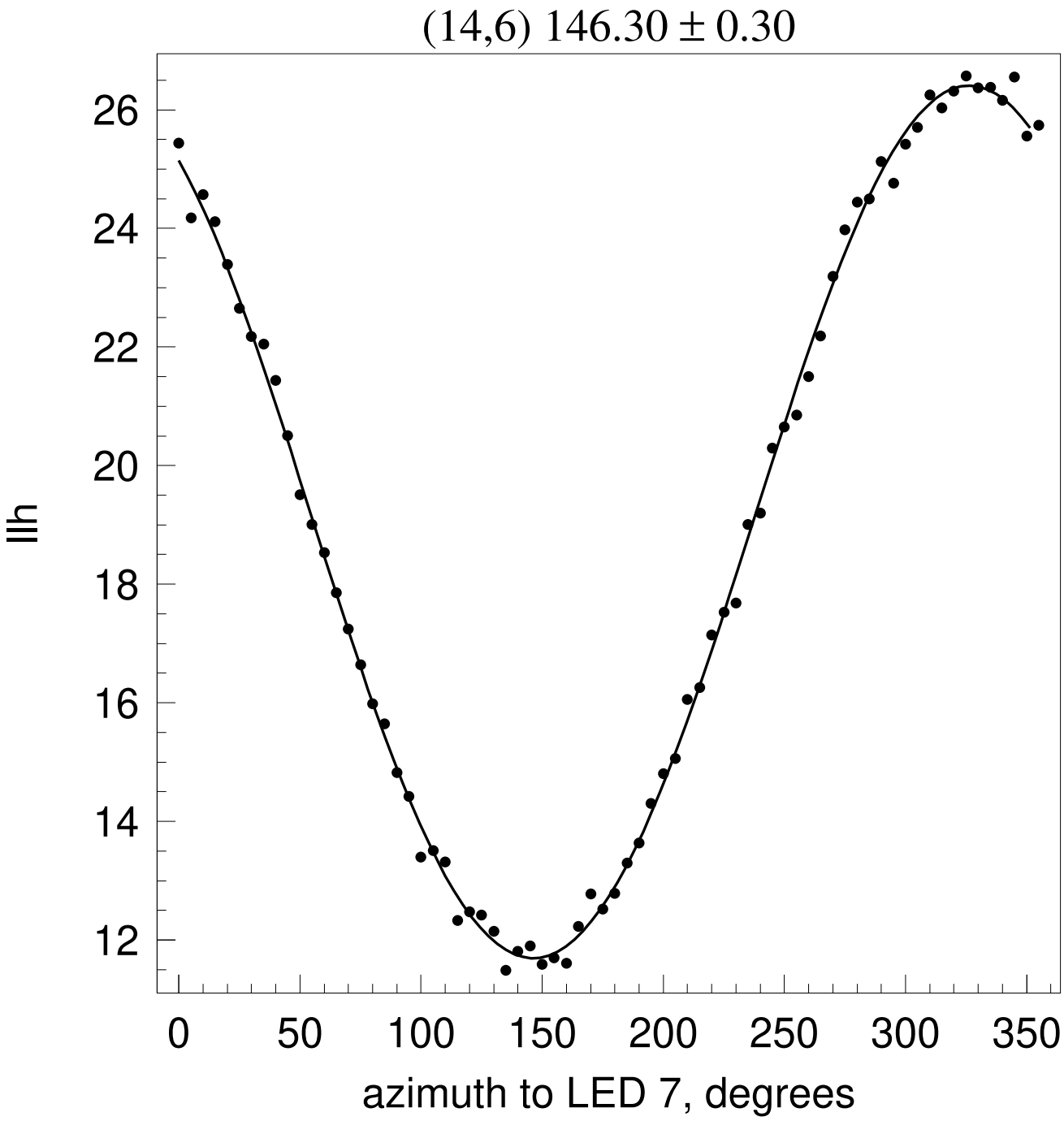

(13,60) 221.26 ± 0.17
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

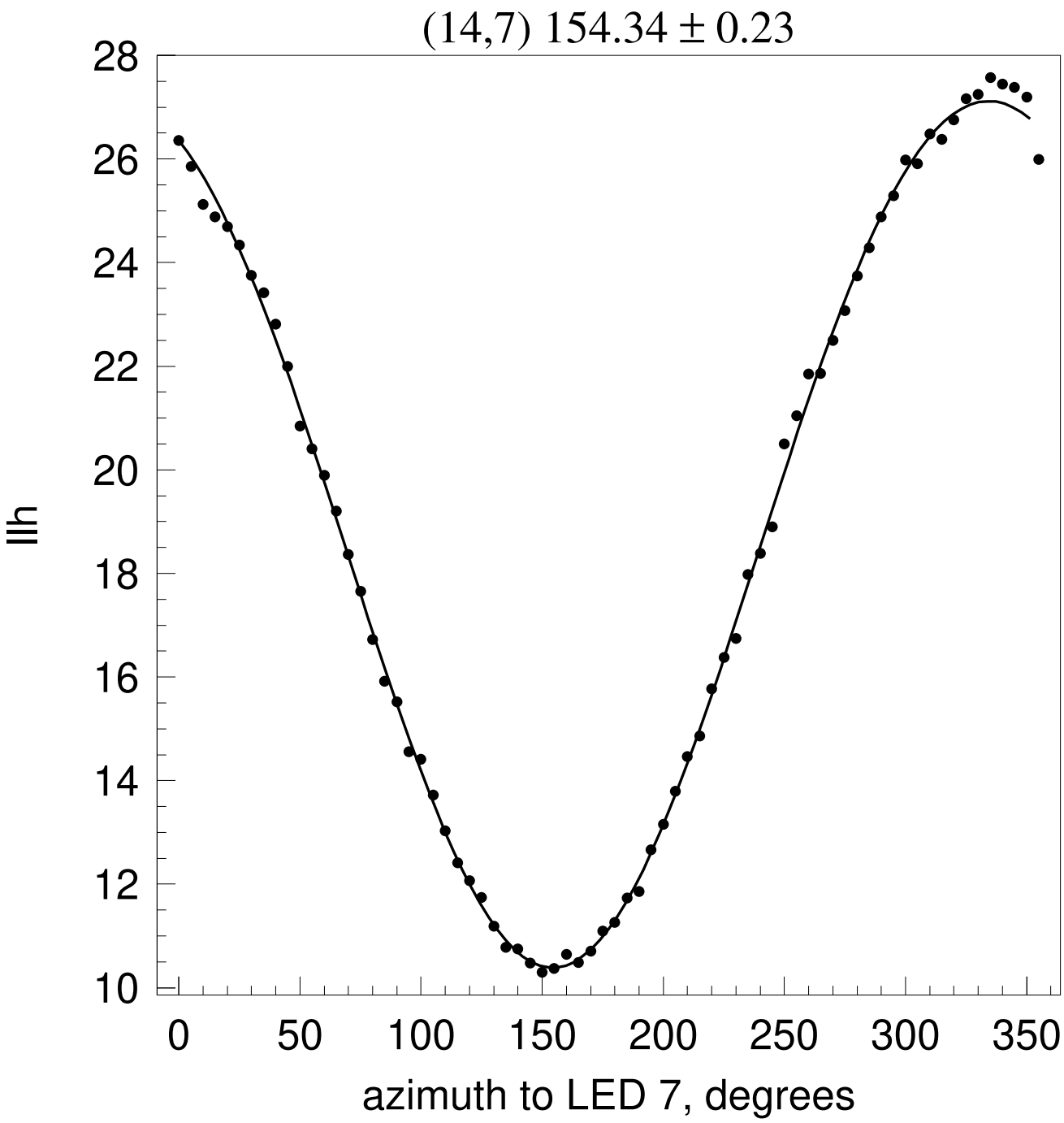

(14,1) 56.01 ± 0.25
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

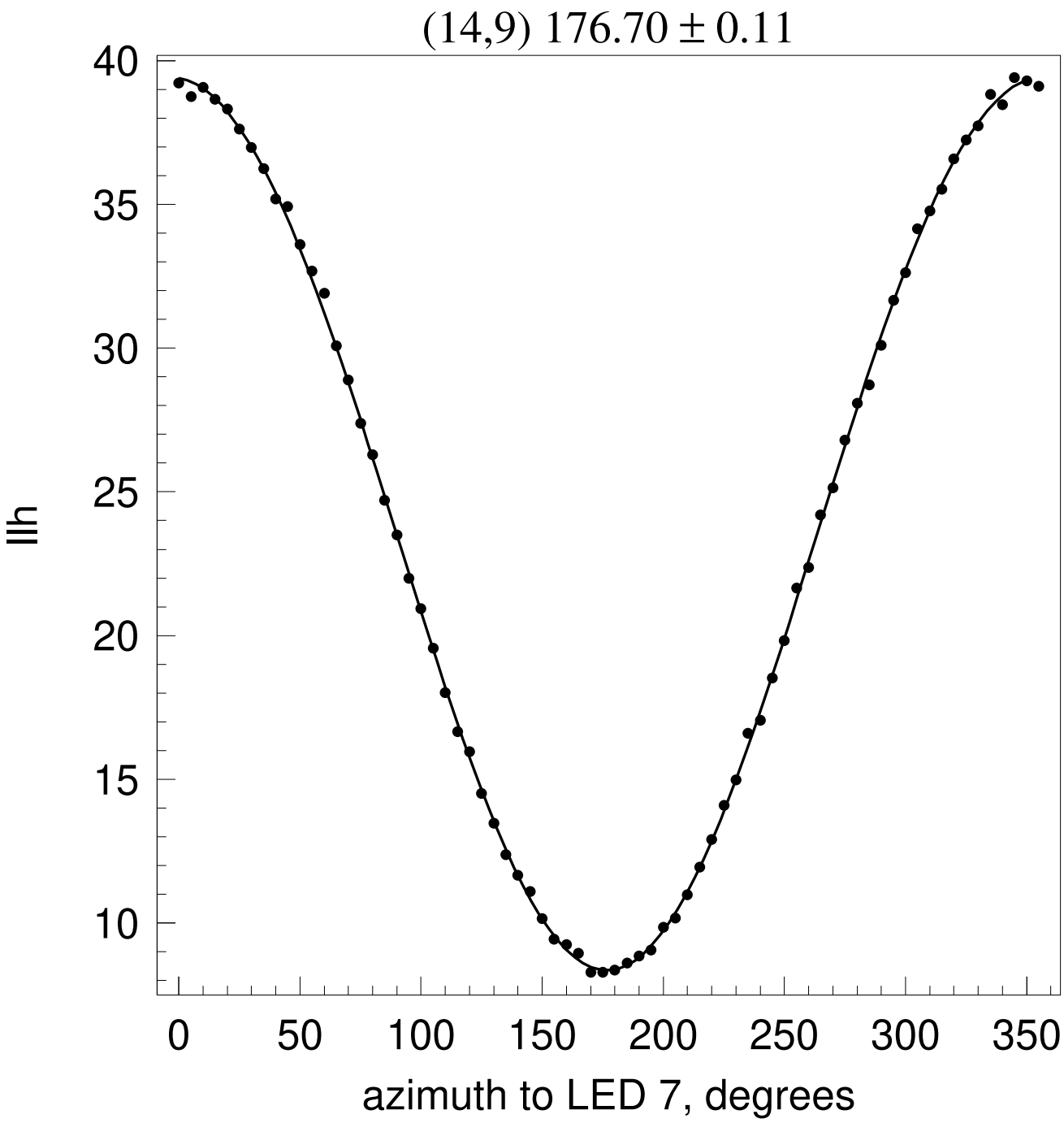

(14,2) 78.84 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

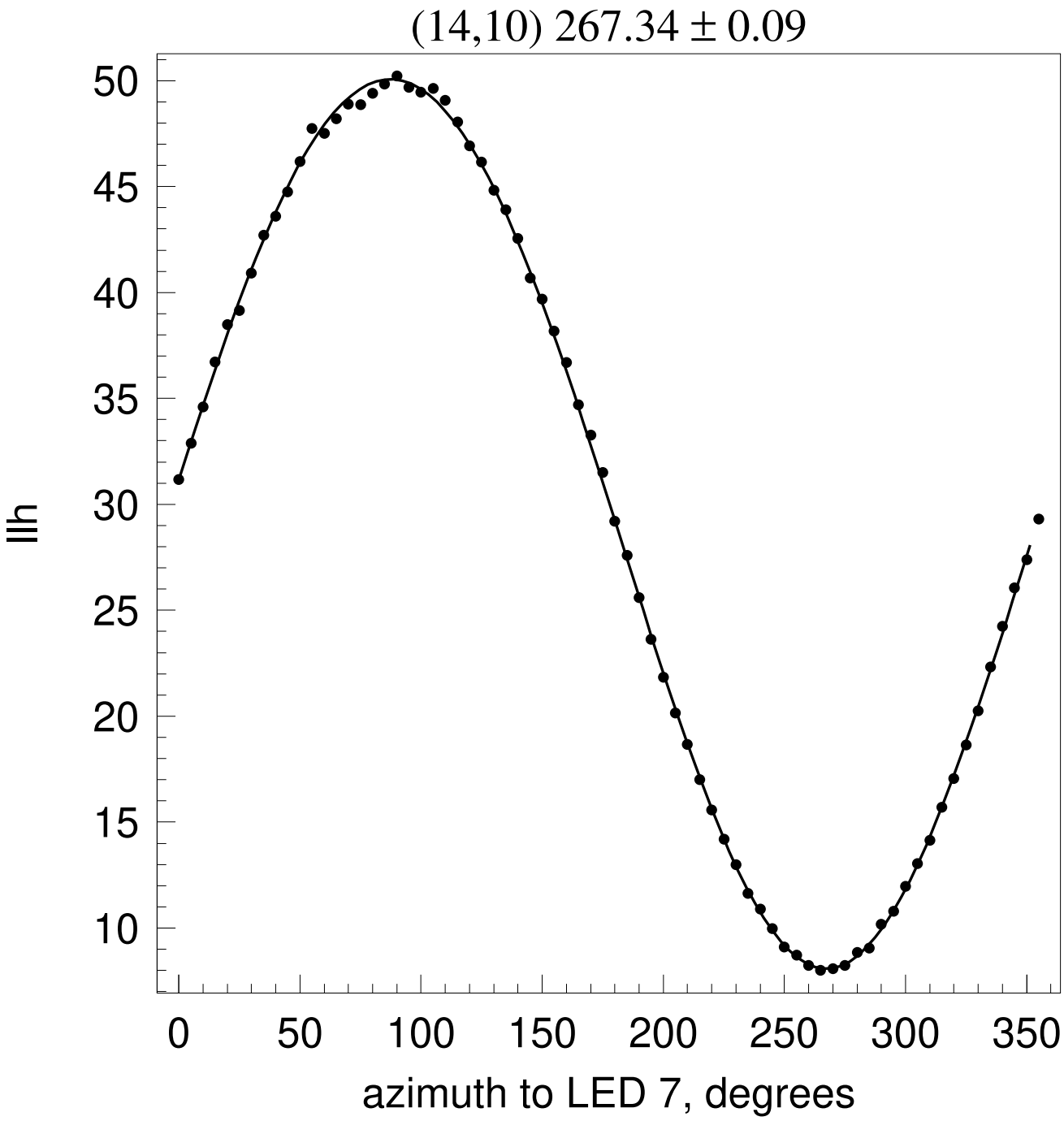

(14,4) 57.20 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

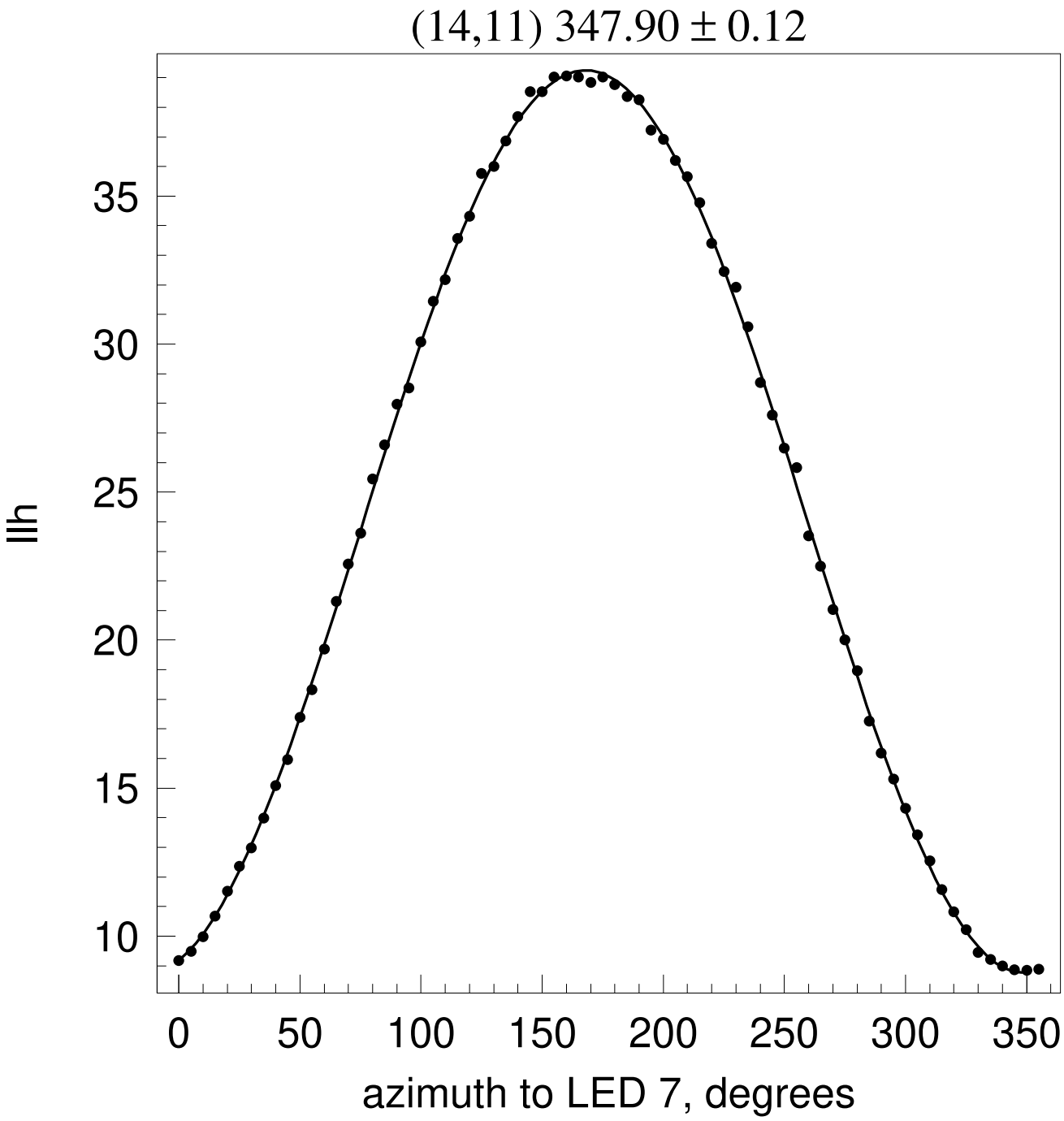

(14,5) 276.94 ± 0.13
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

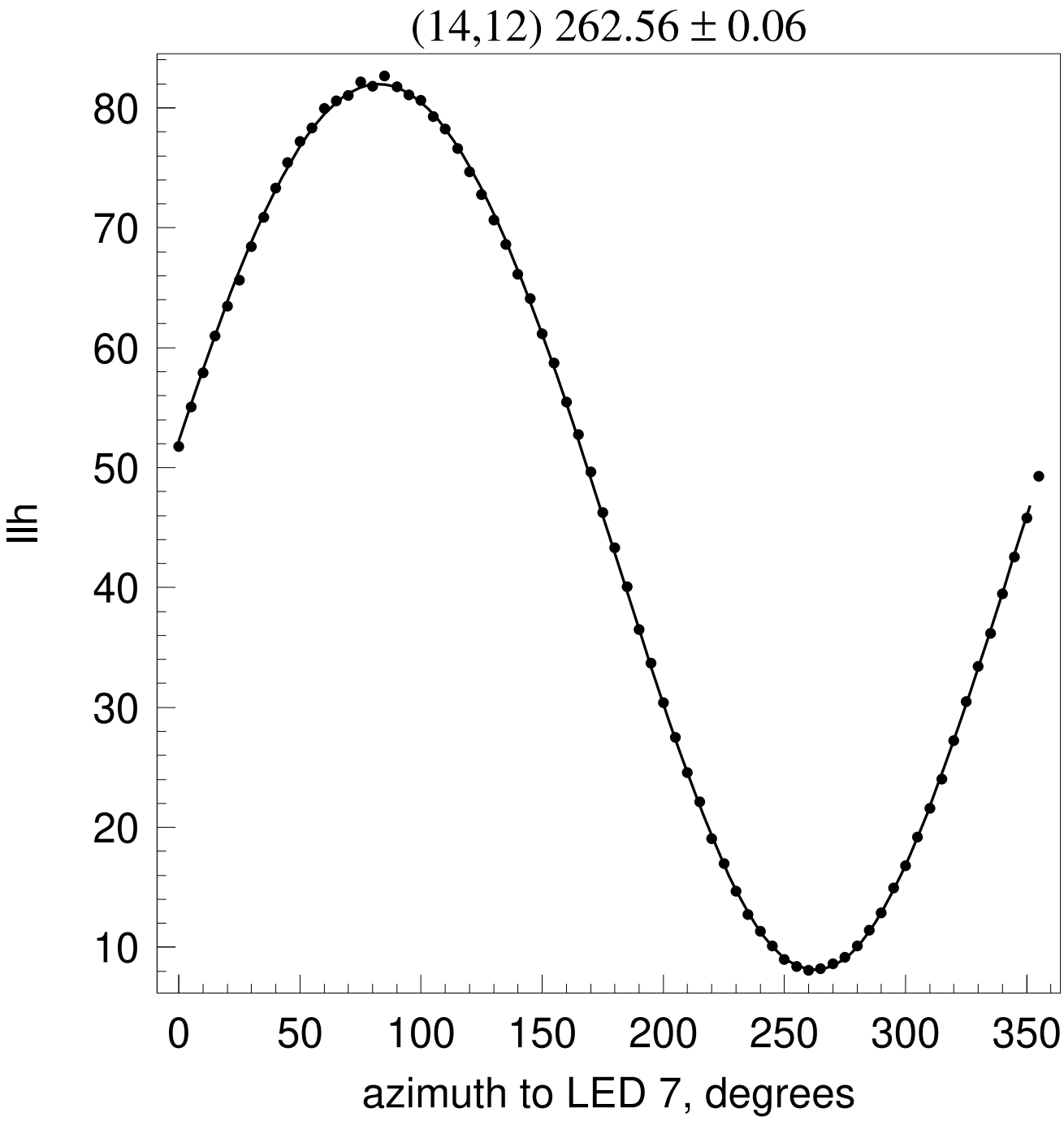

(14,6) 146.30 ± 0.30
26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

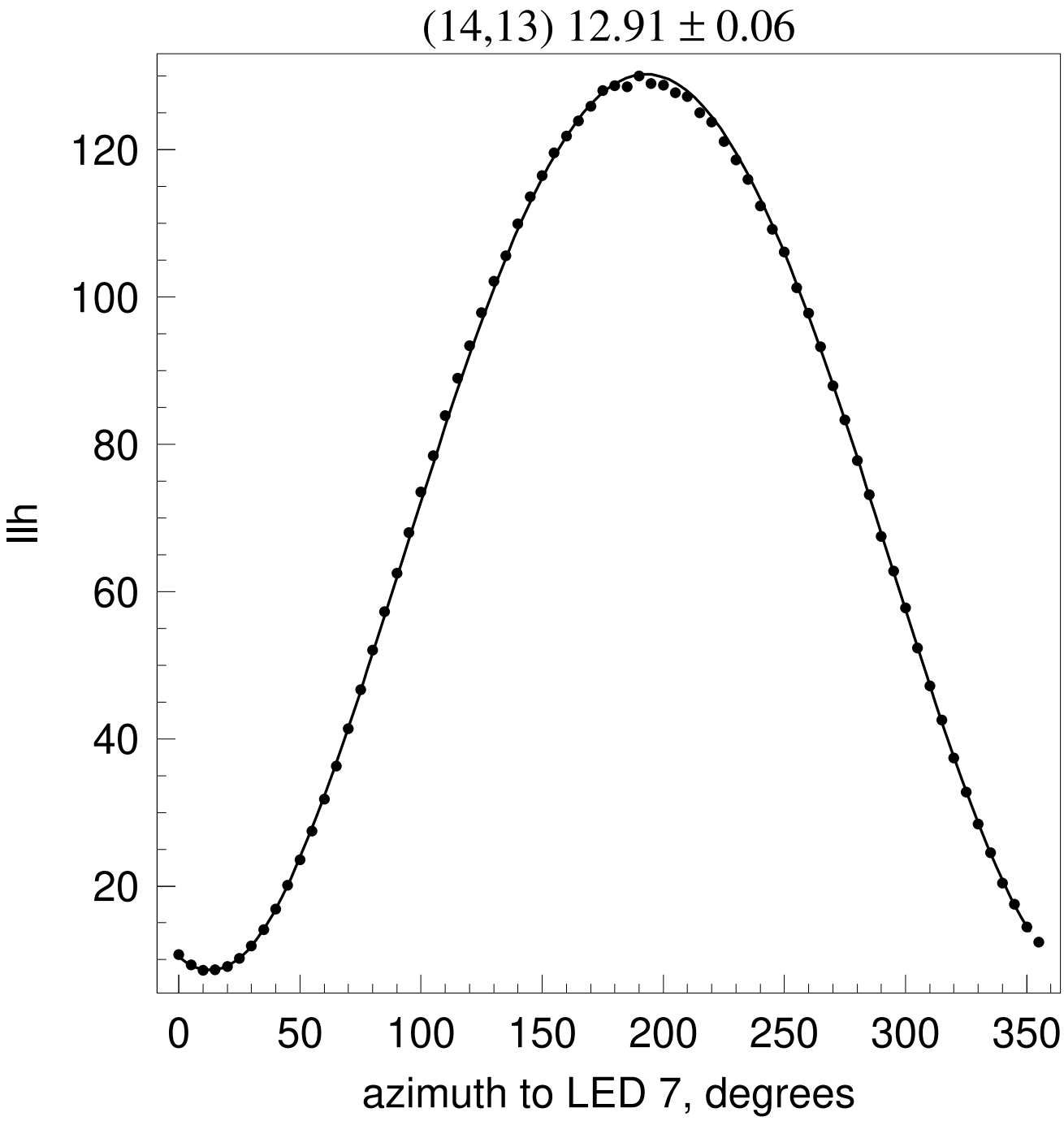

(14,7) 154.34 ± 0.23
28
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

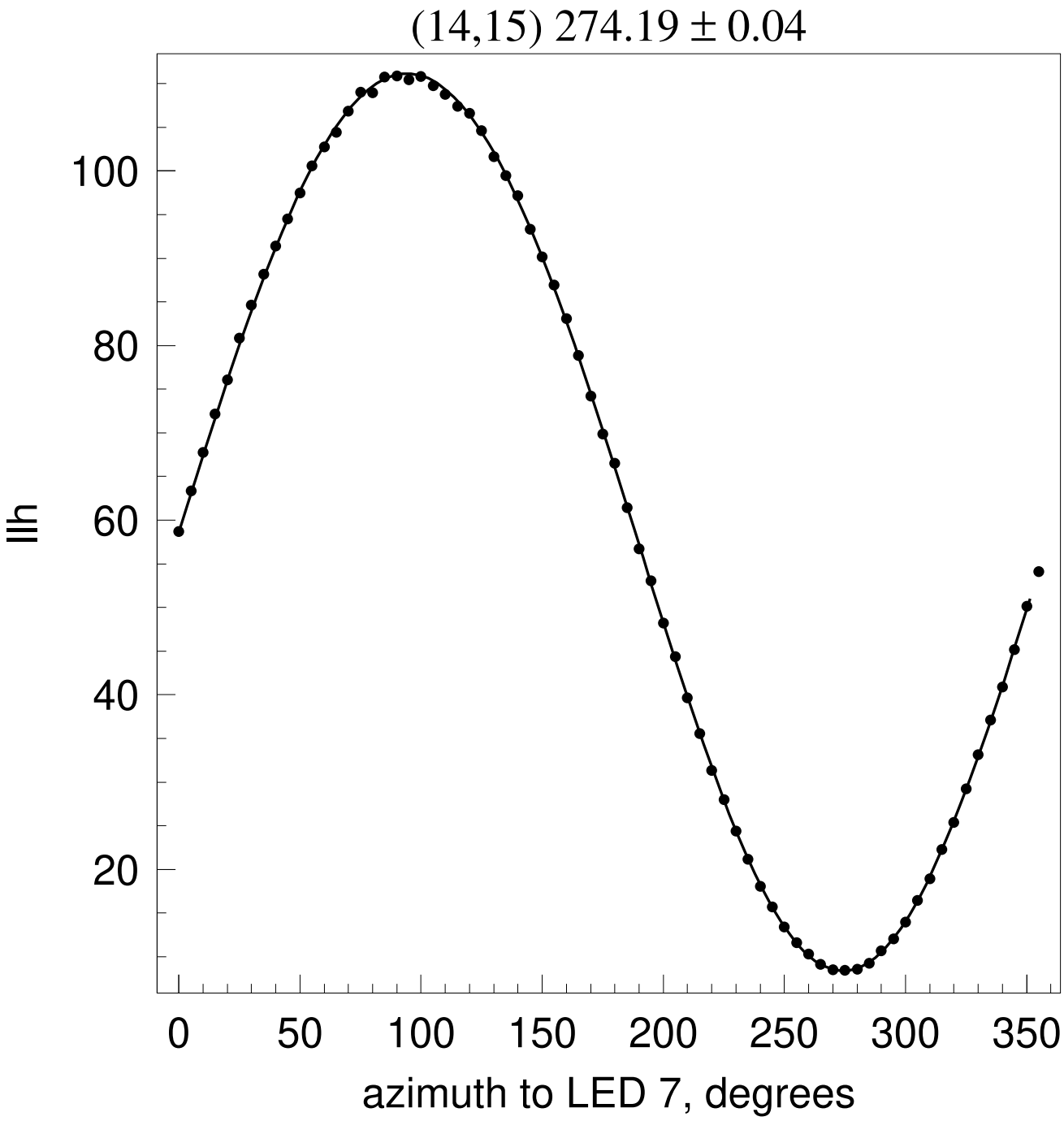

(14,9) 176.70 ± 0.11
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

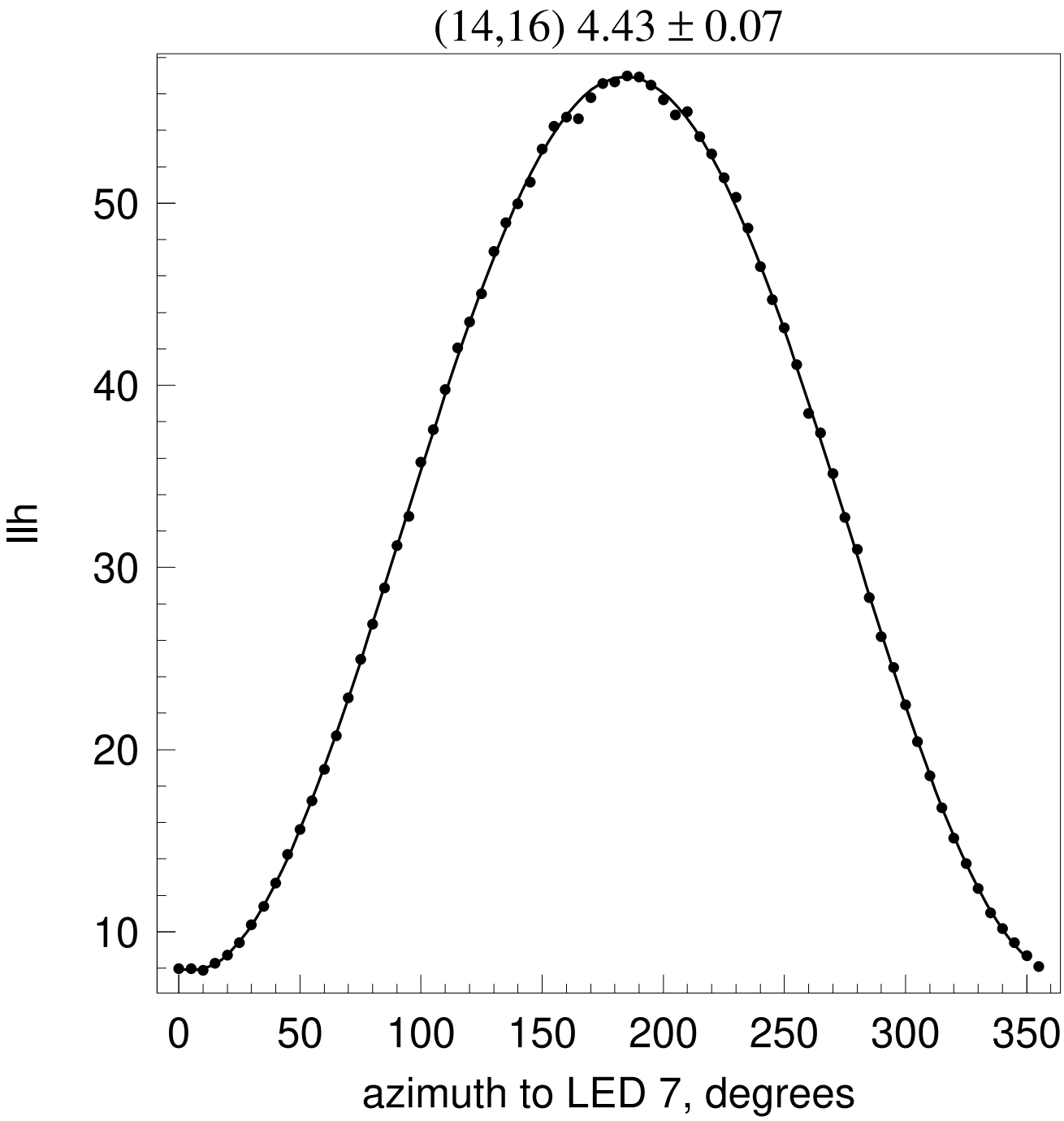

(14,10) 267.34 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

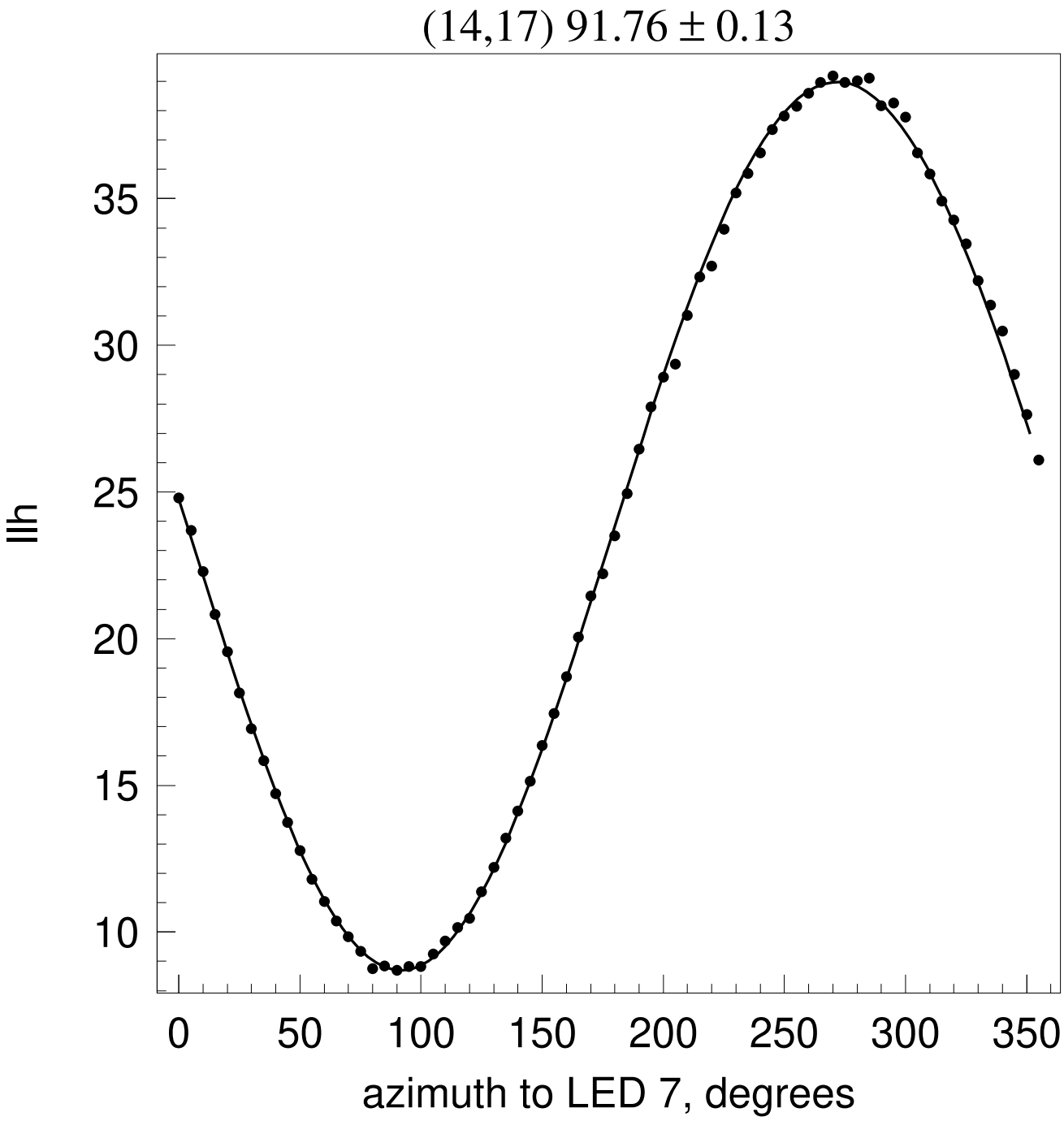

(14,11) 347.90 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

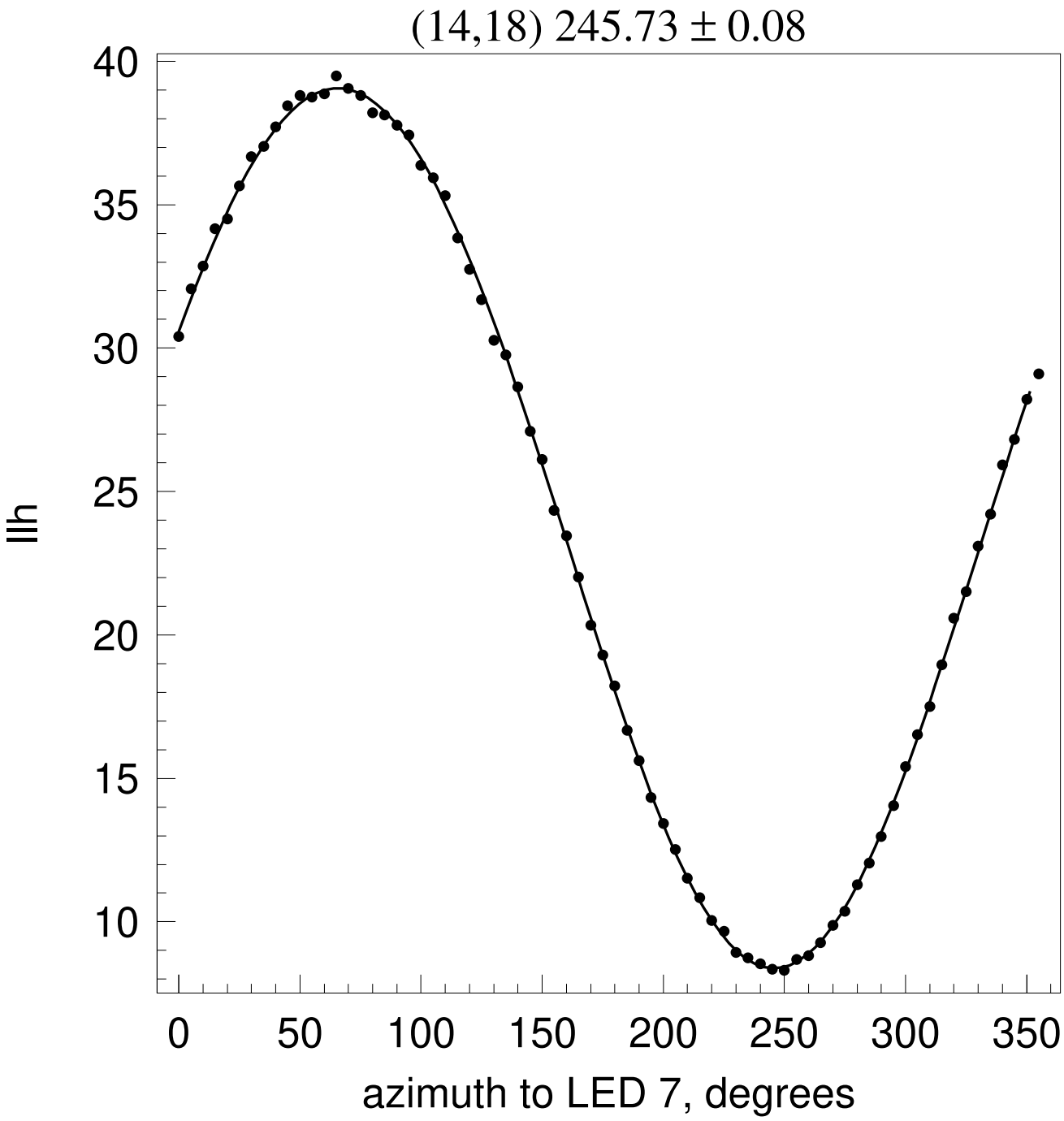

(14,12) 262.56 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

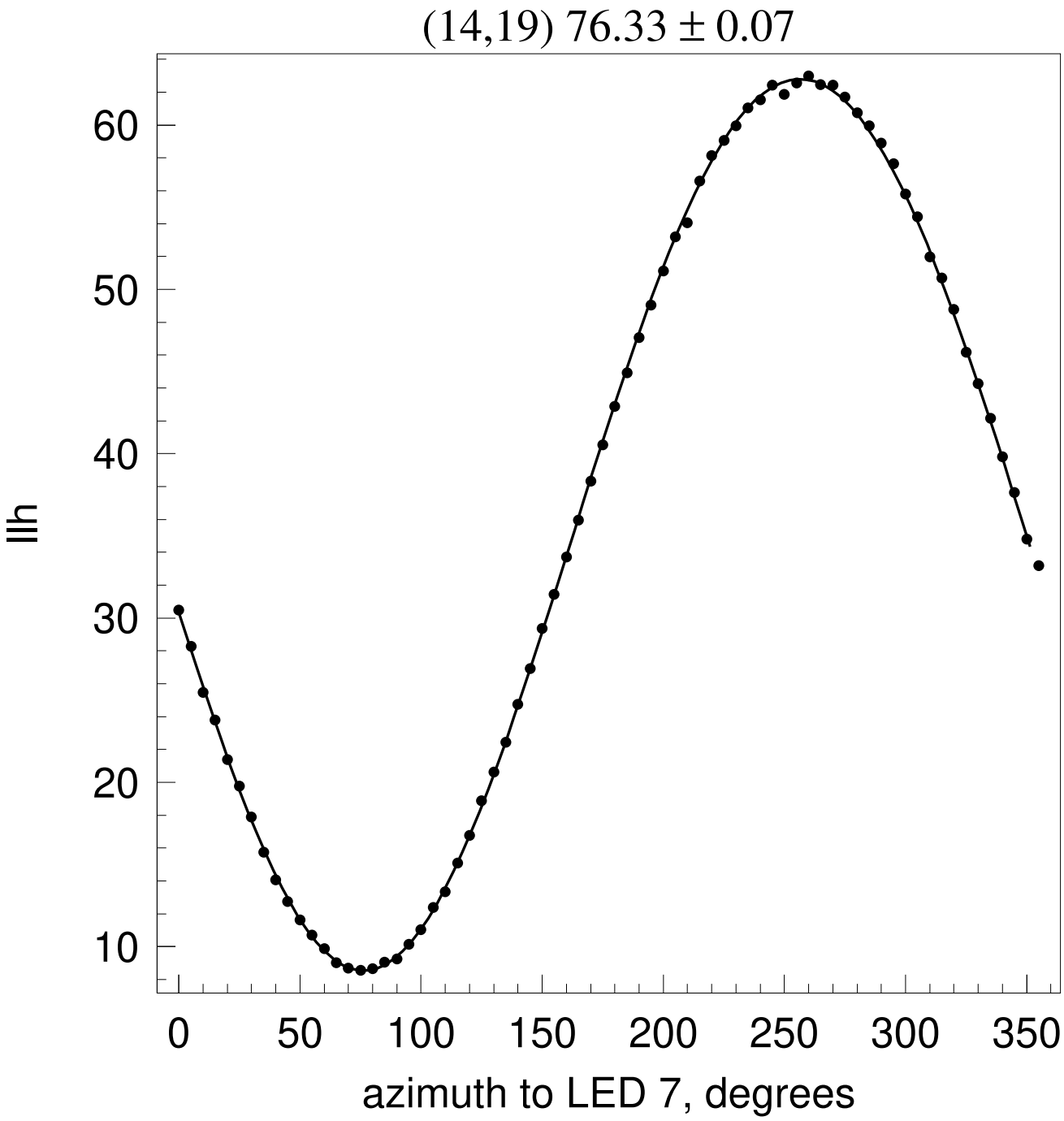

(14,13) 12.91 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

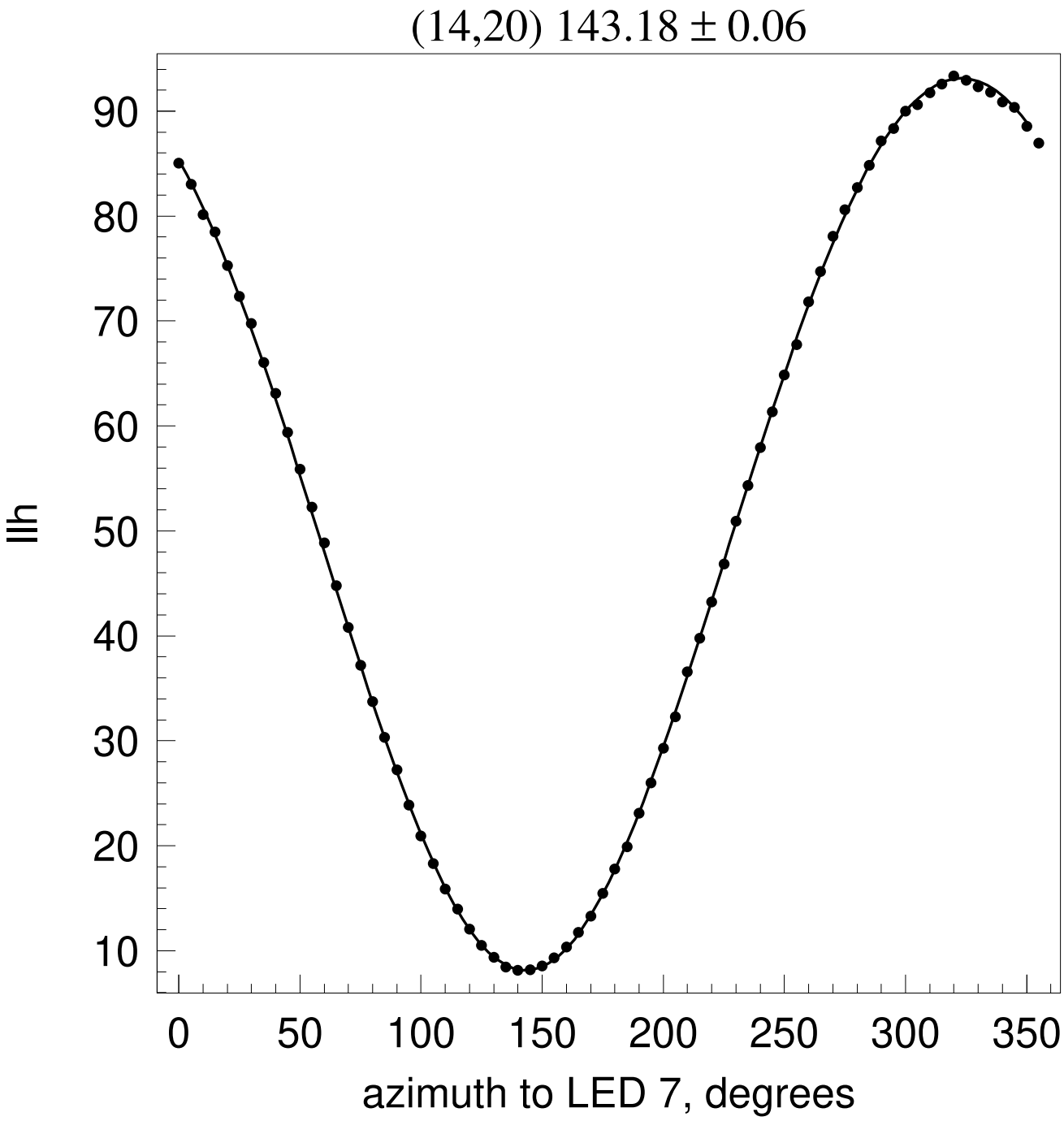

(14,15) 274.19 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

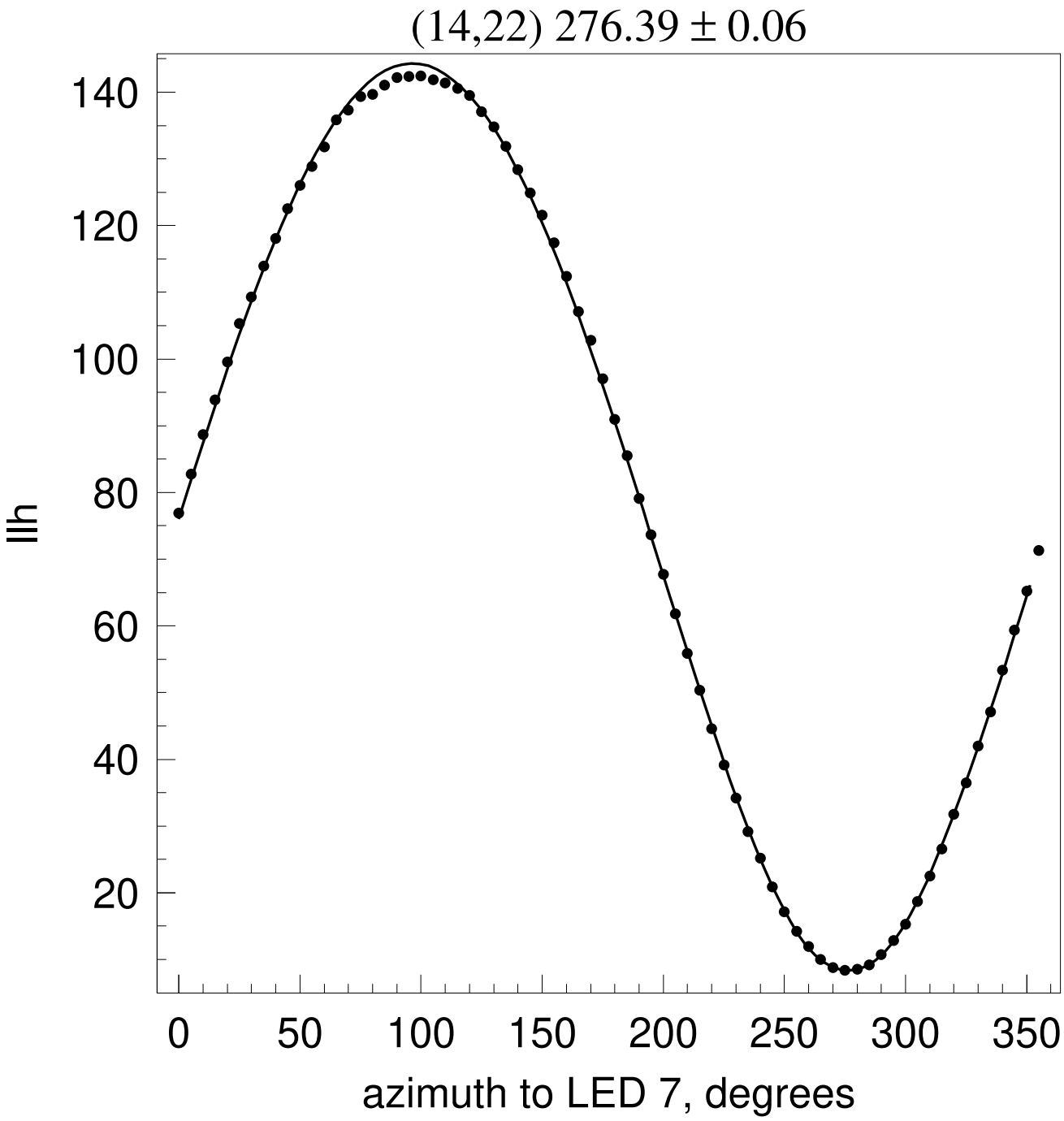

(14,16) 4.43 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

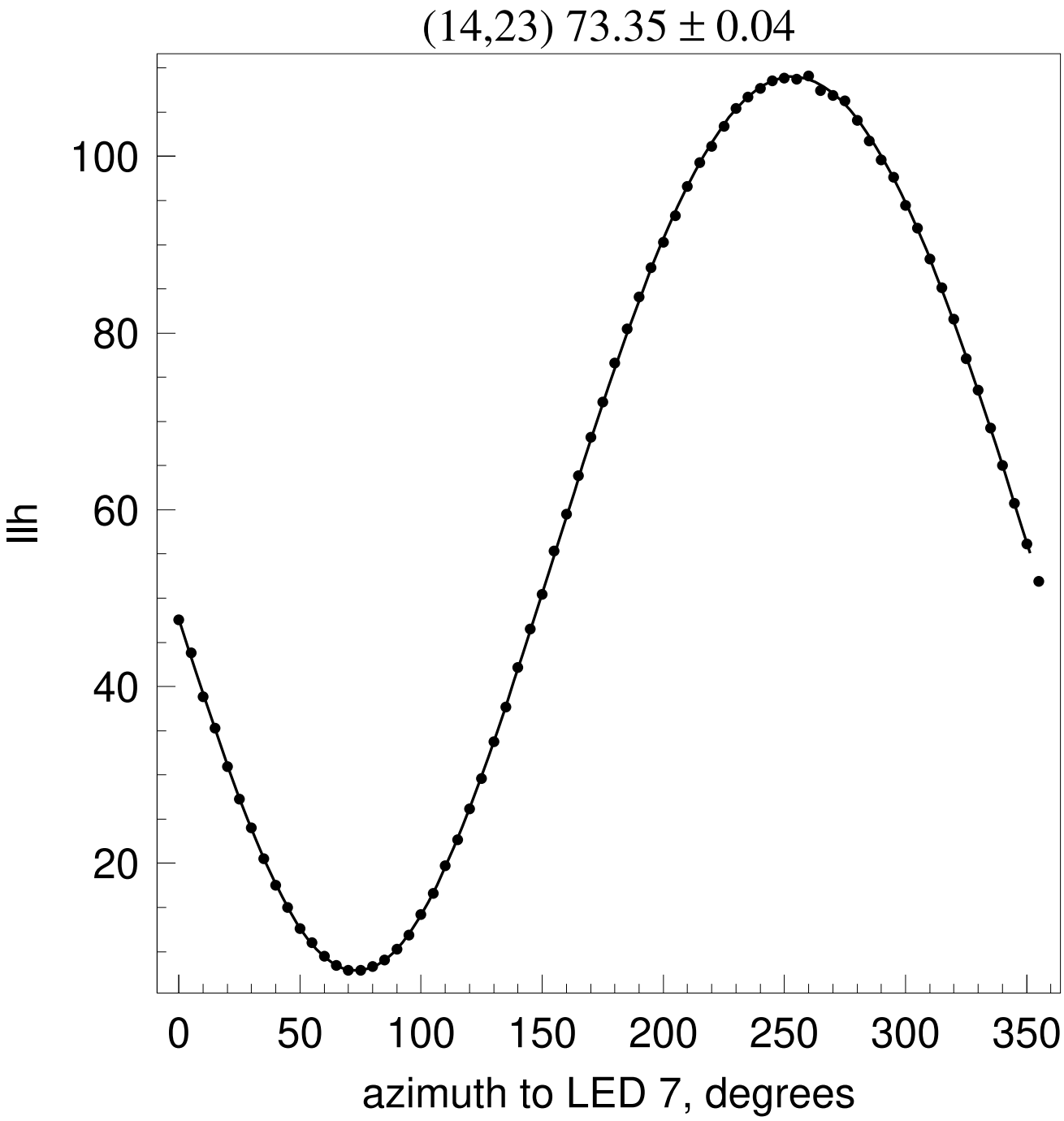

(14,17) 91.76 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

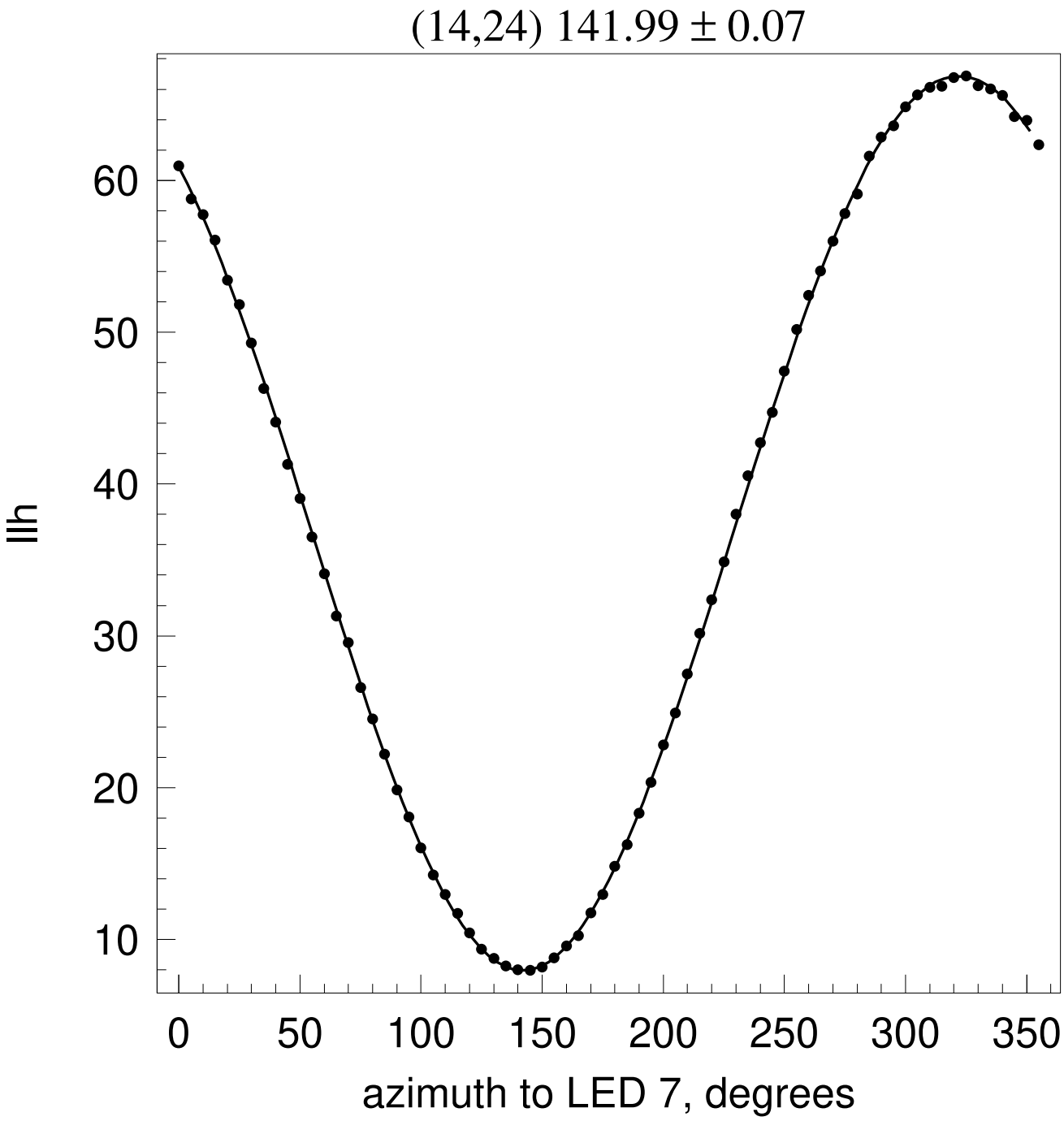

(14,18) 245.73 ± 0.08
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

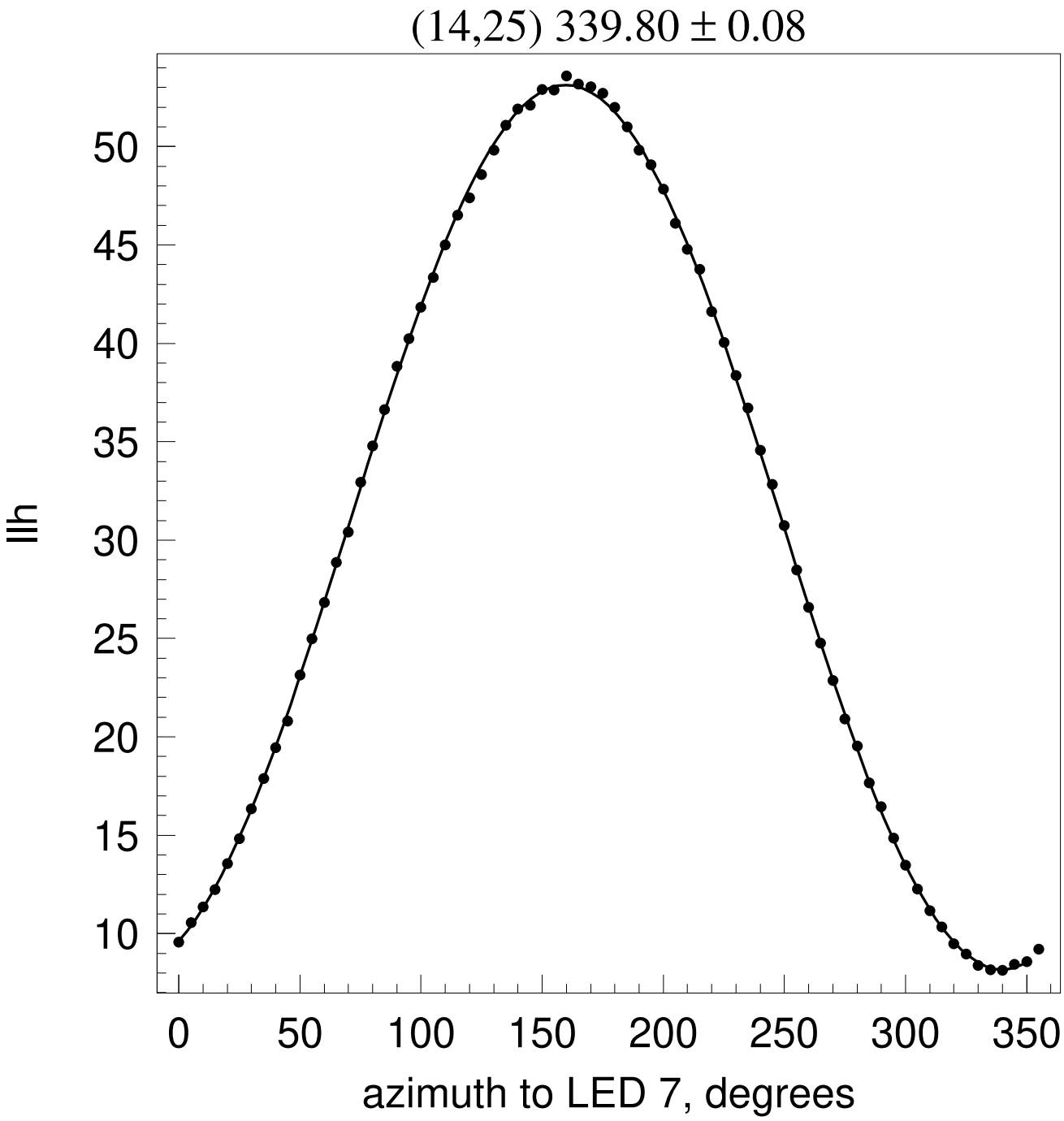

(14,19) 76.33 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

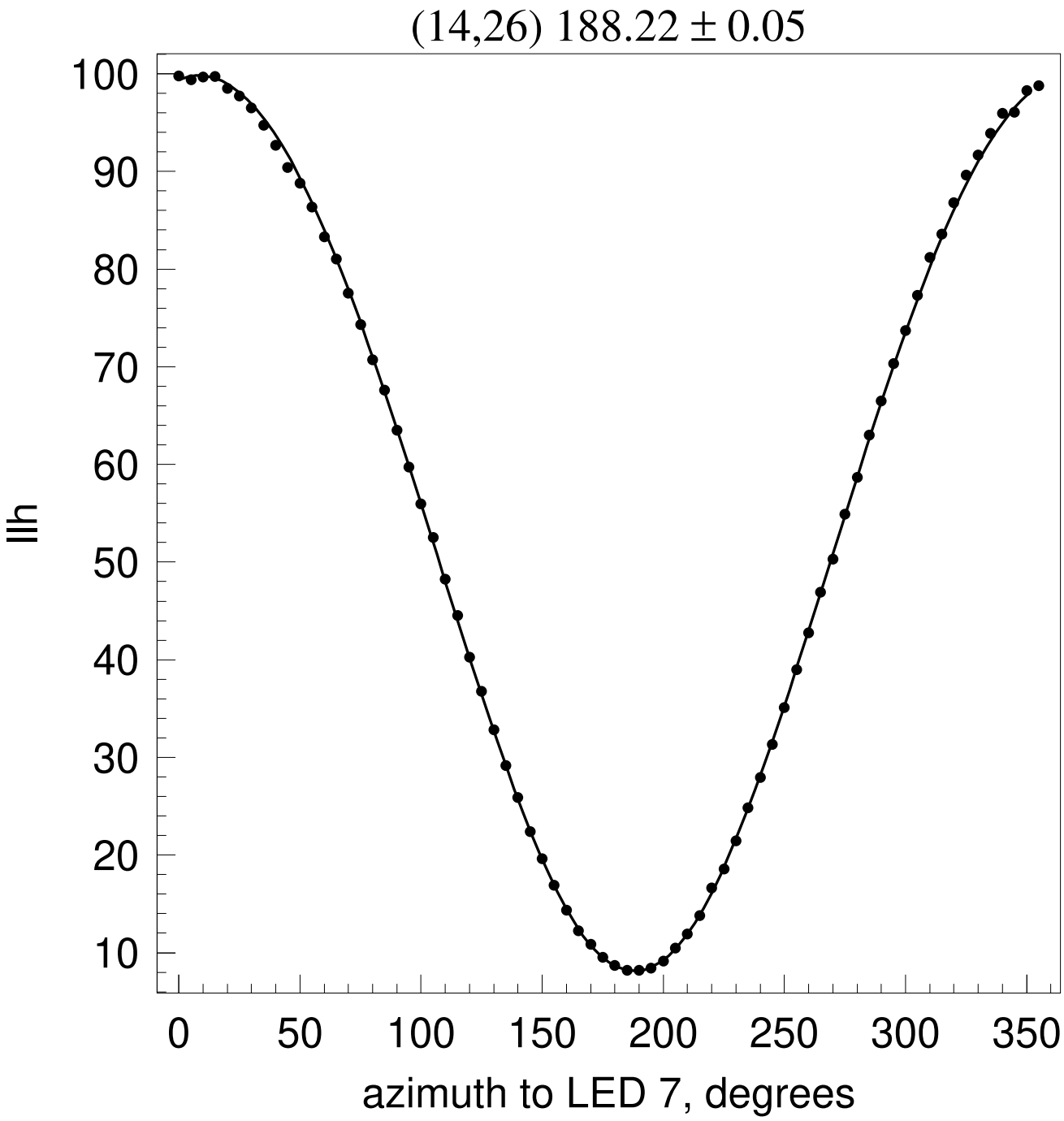

(14,20) 143.18 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

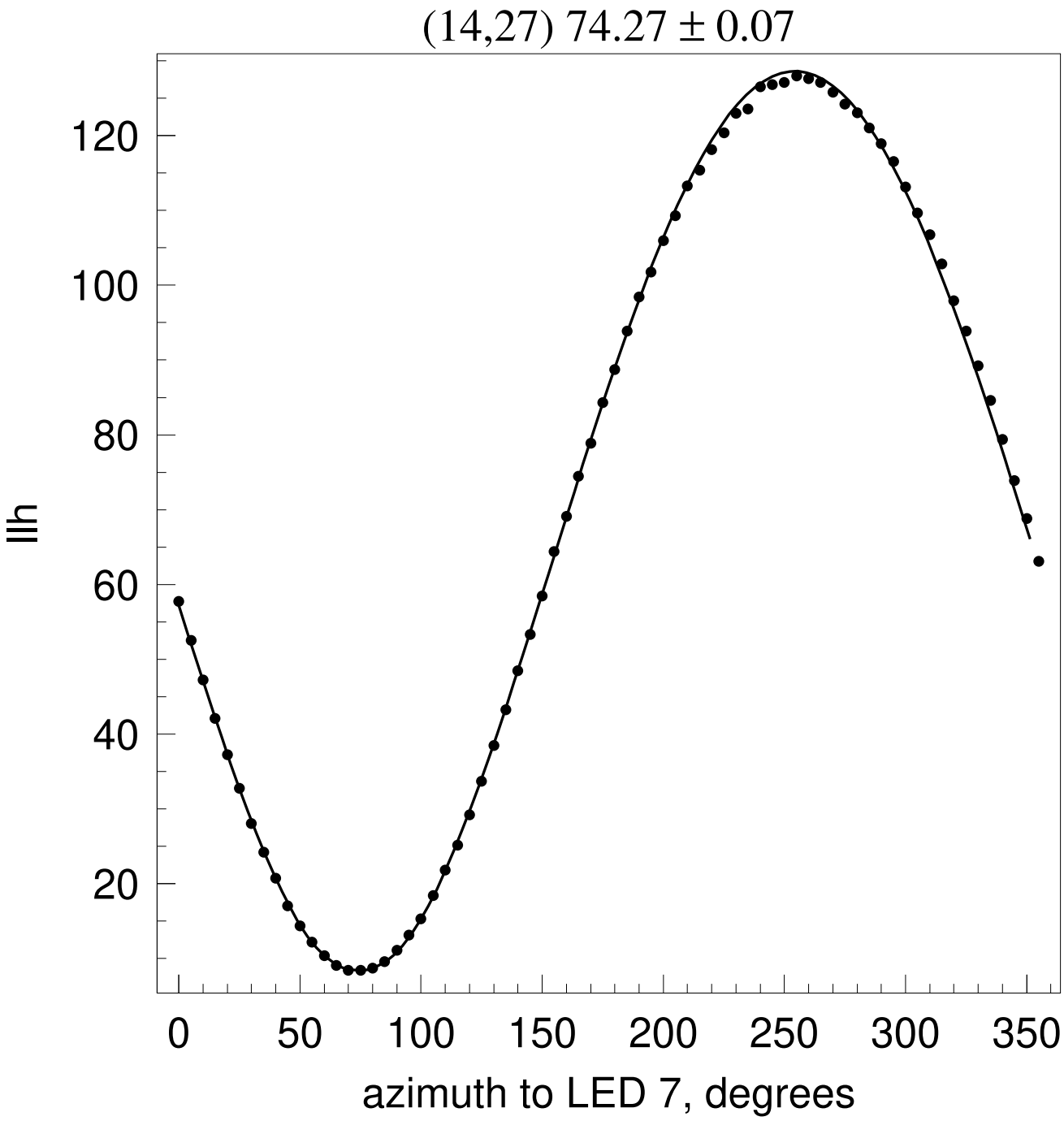

(14,22) 276.39 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

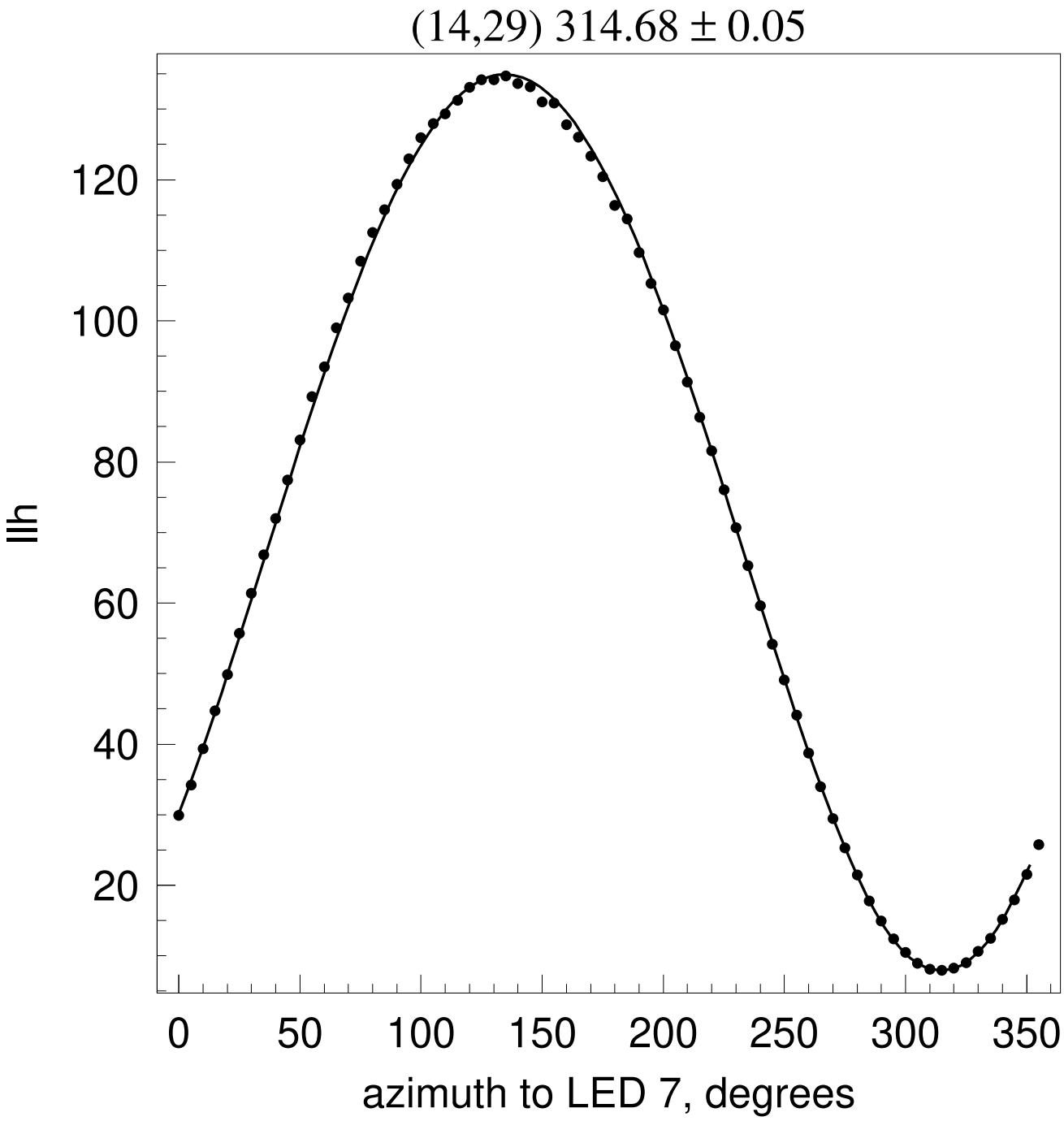

(14,23) 73.35 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

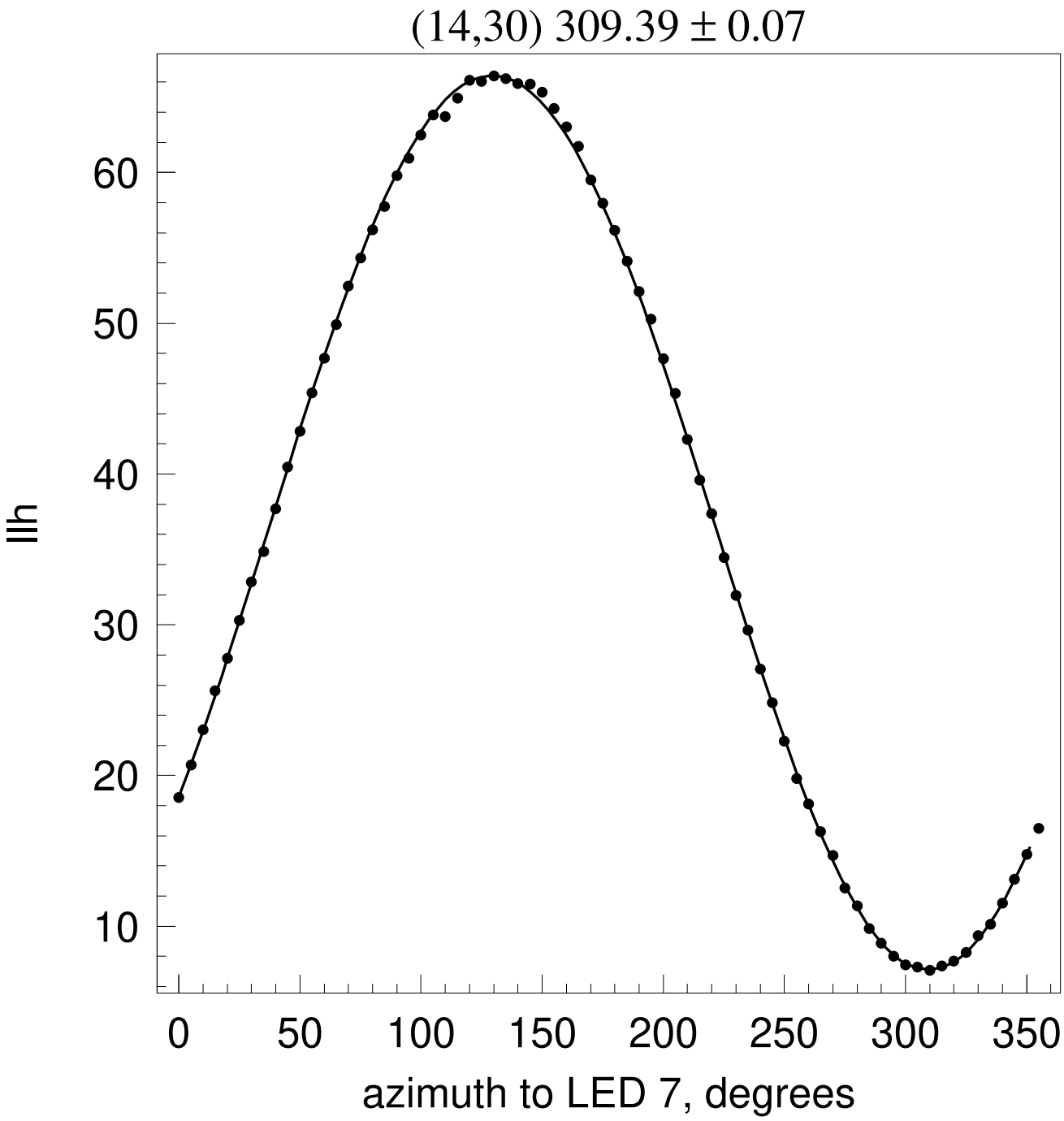

(14,24) 141.99 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

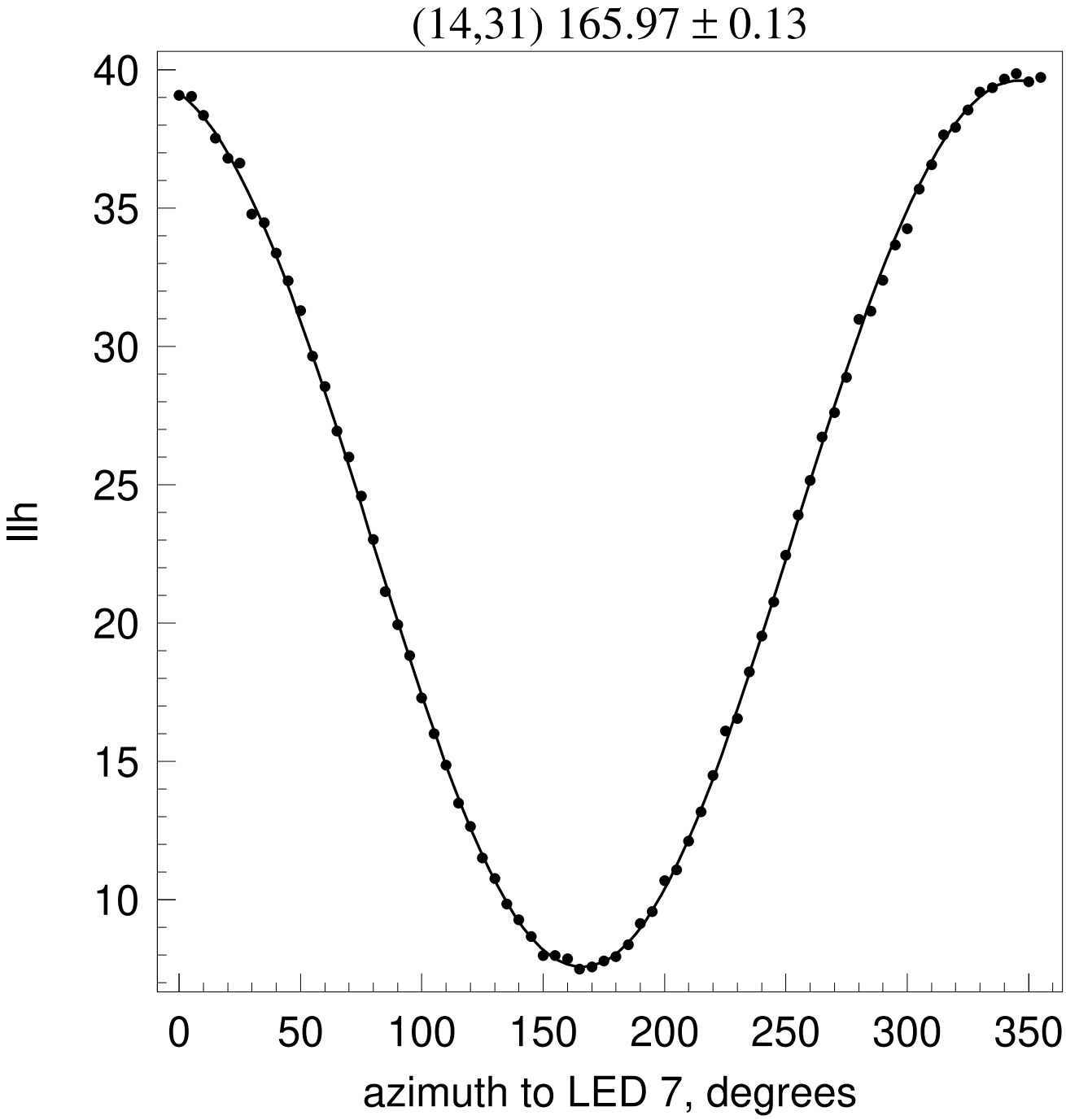

(14,25) 339.80 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

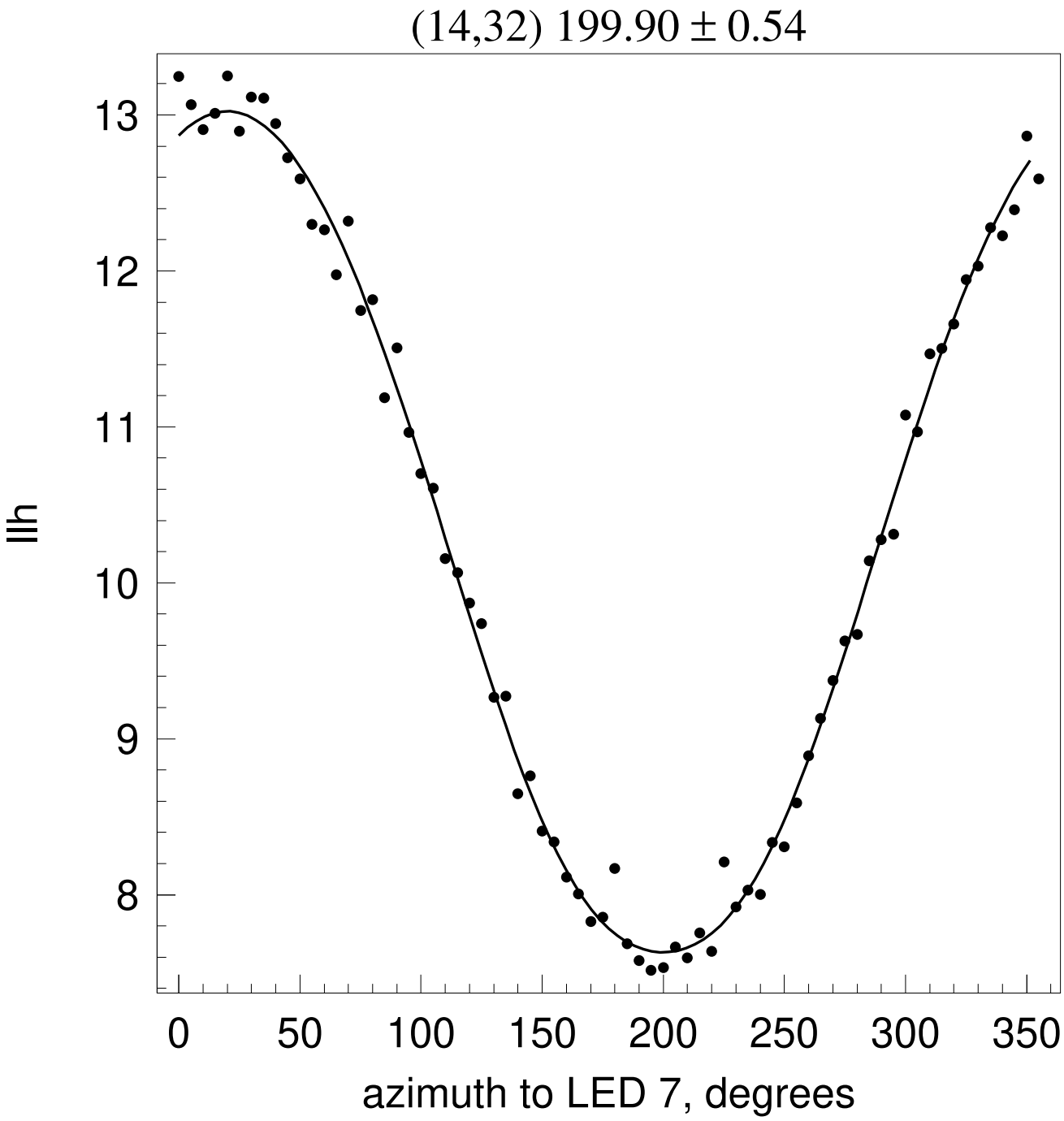

(14,26) 188.22 ± 0.05
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

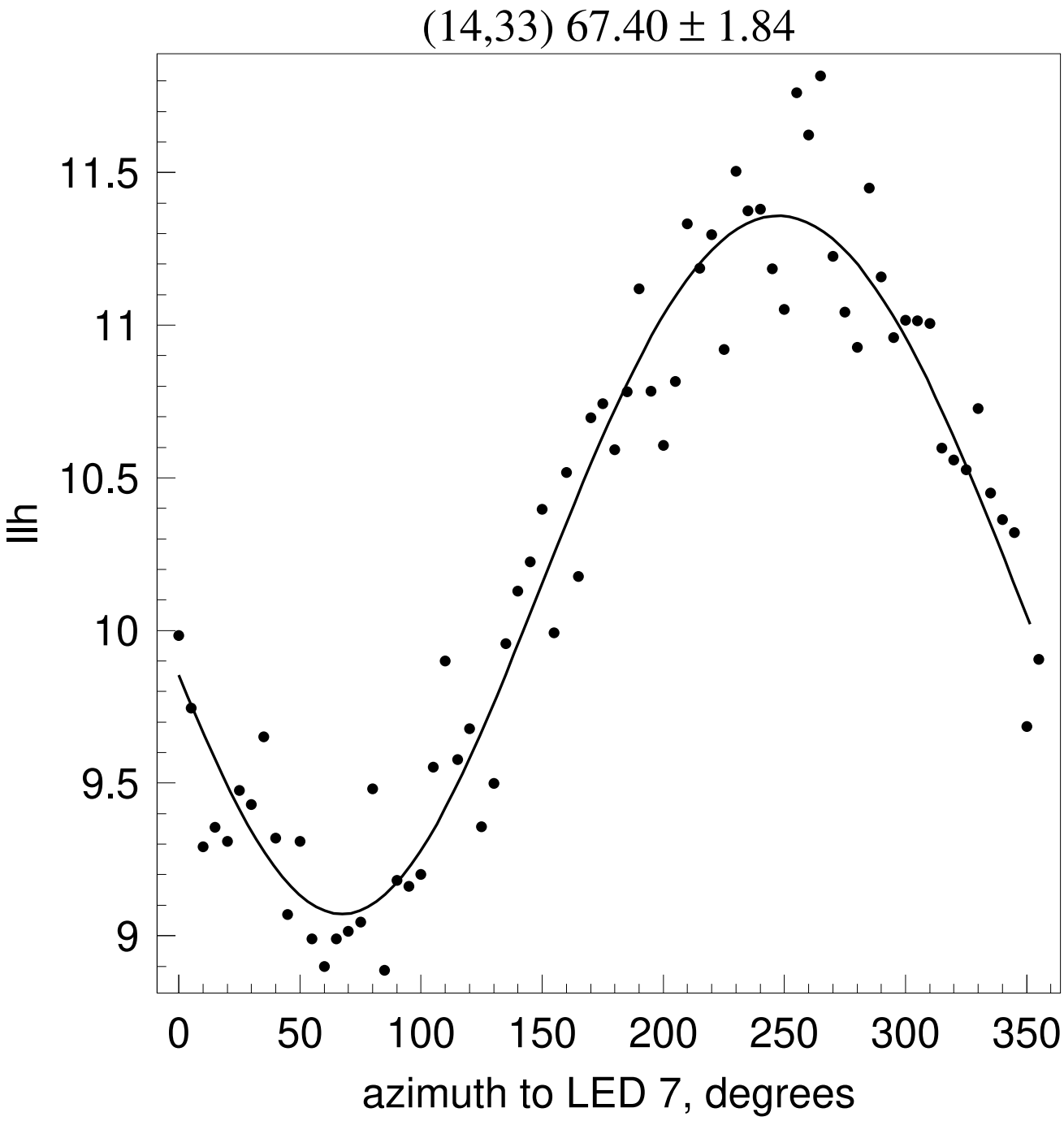

(14,27) 74.27 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

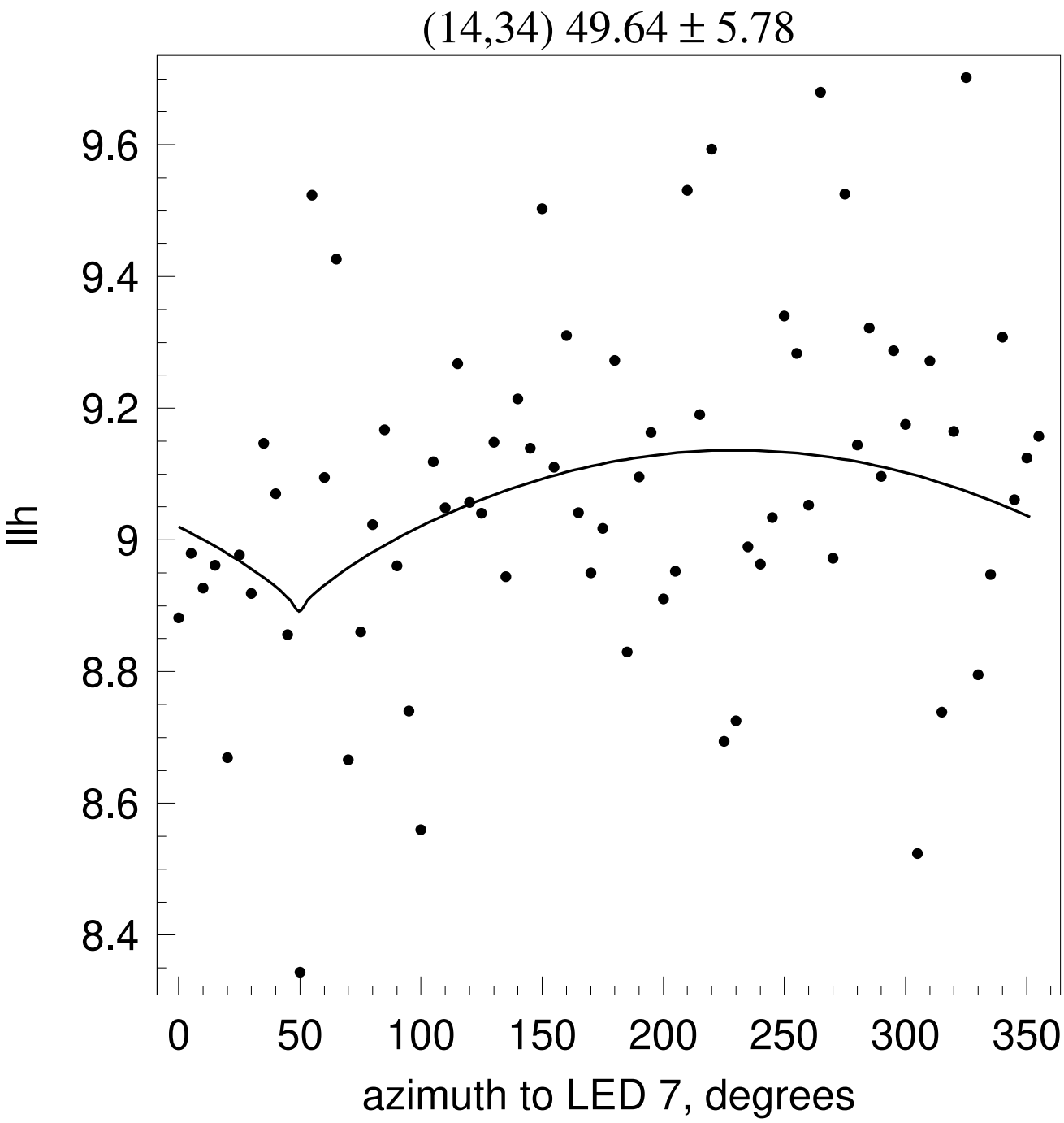

(14,29) 314.68 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

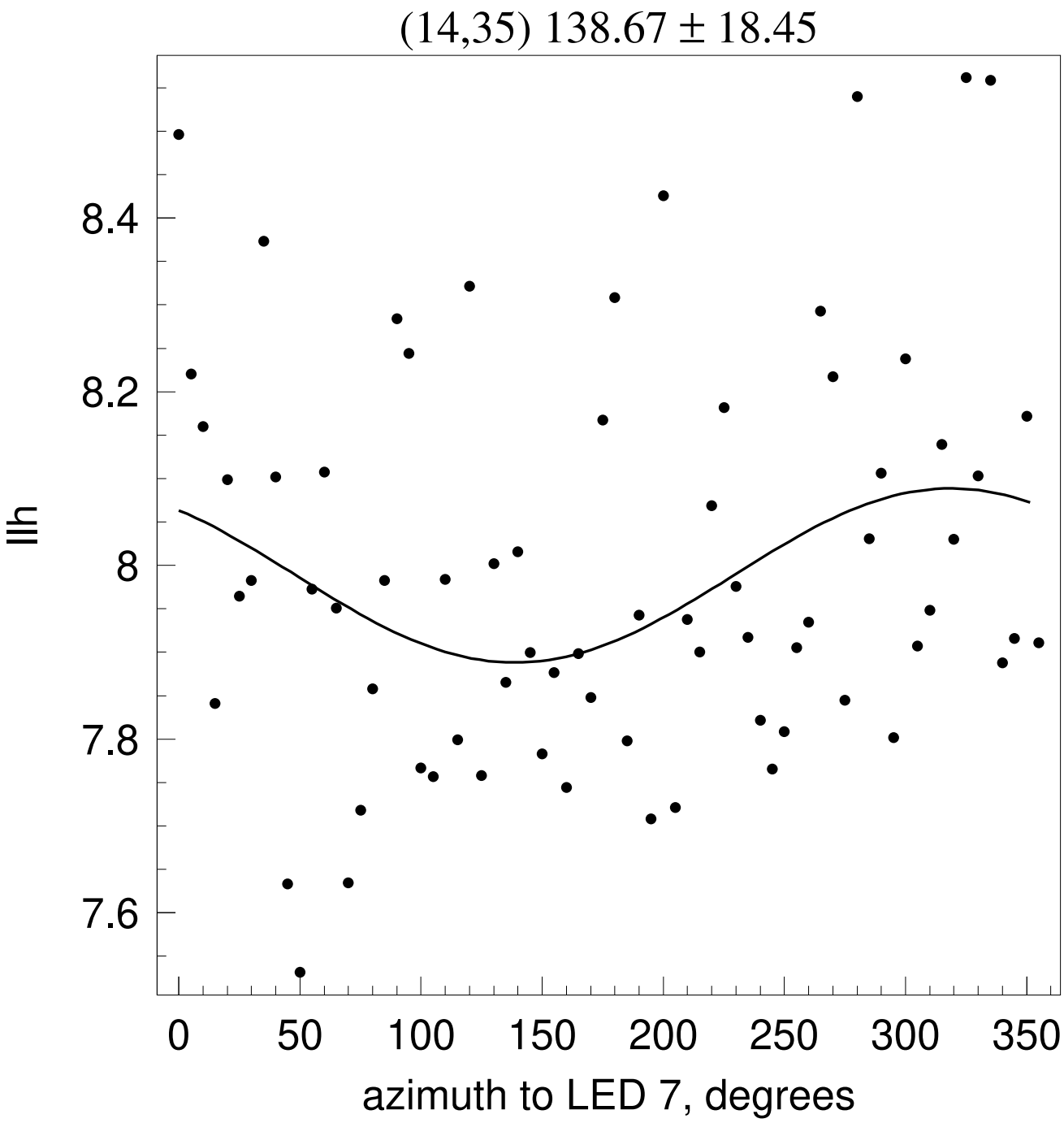

(14,30) 309.39 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

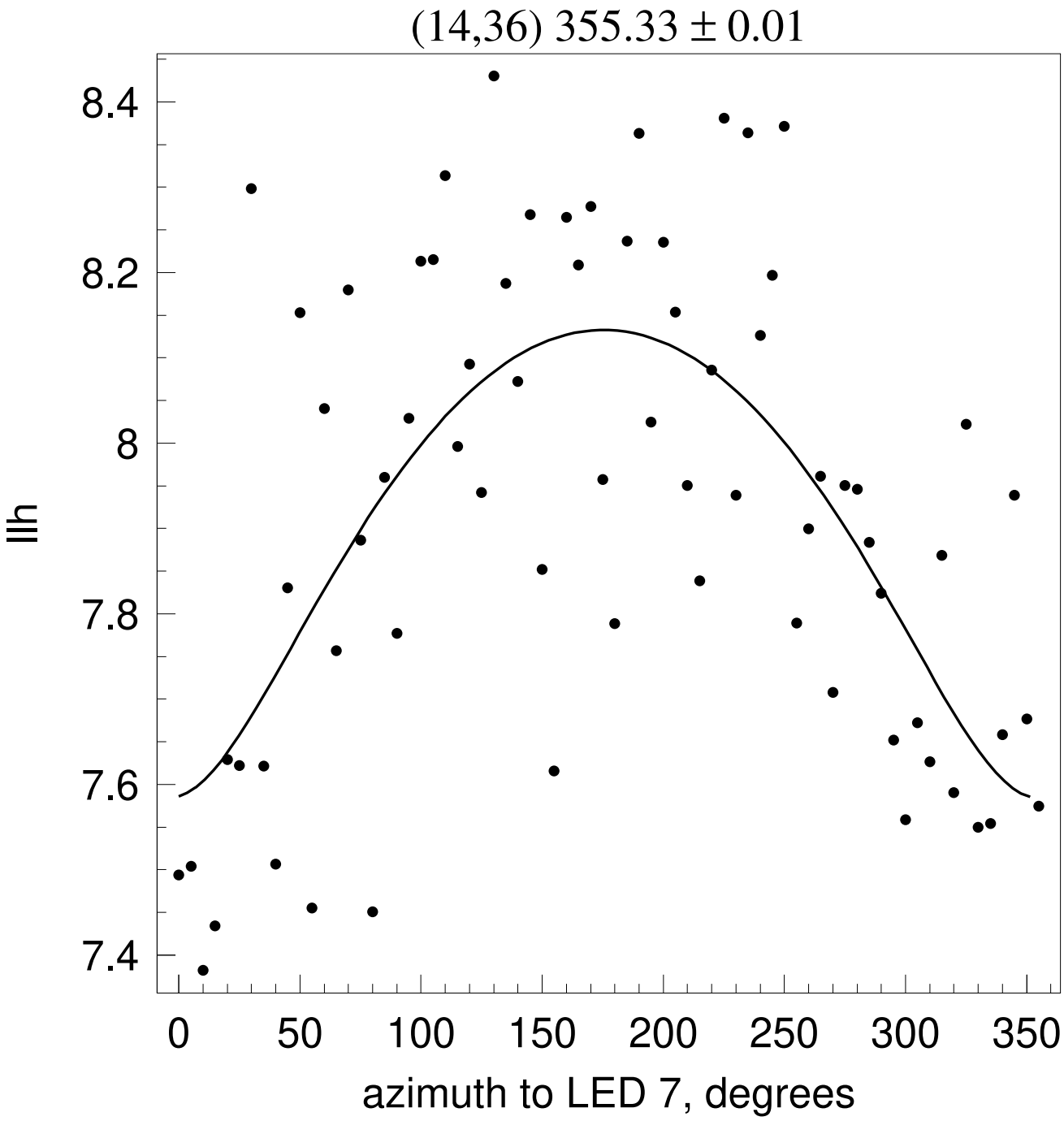

(14,31) 165.97 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

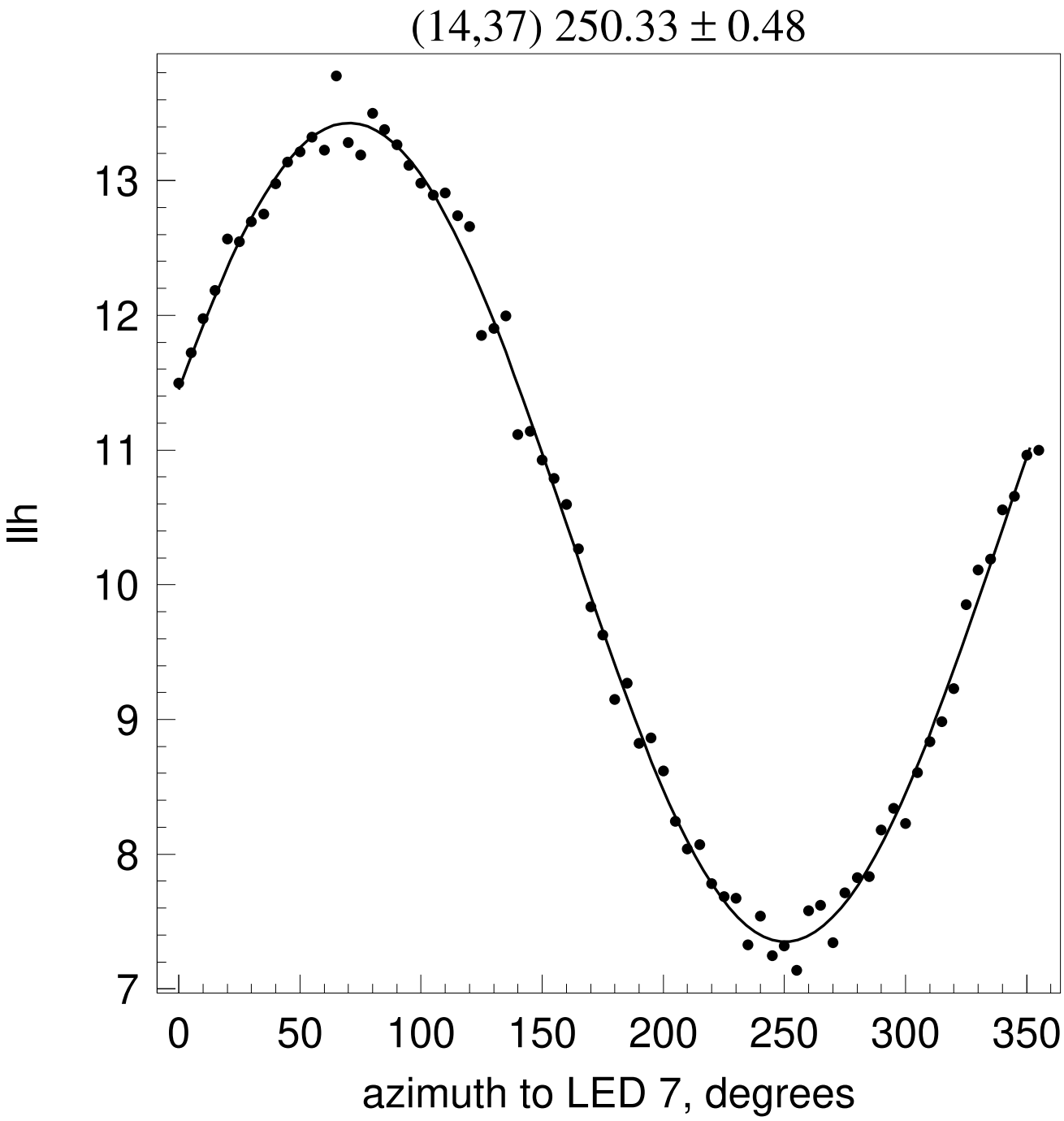

(14,32) 199.90 ± 0.54
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

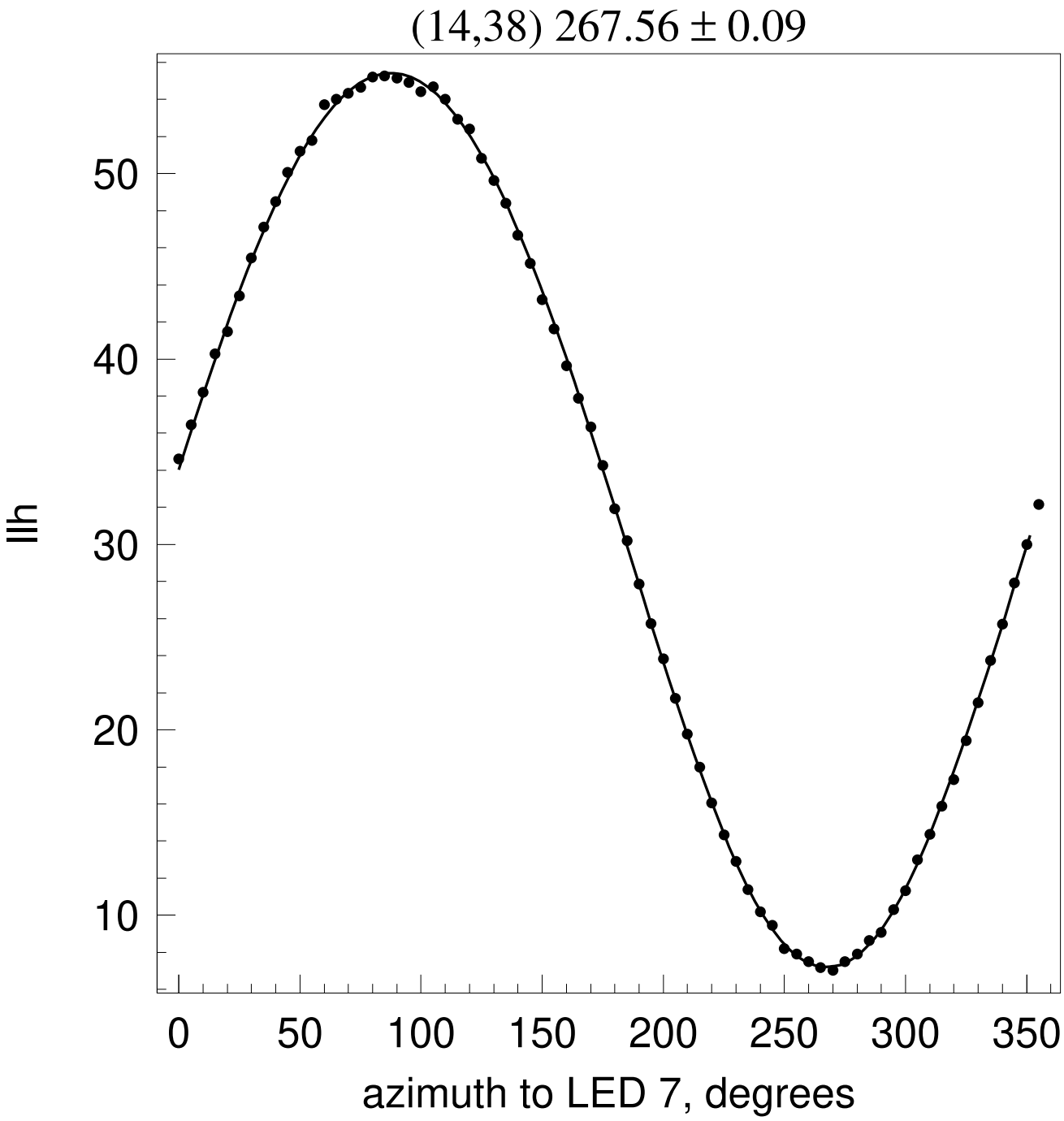

(14,33) 67.40 ± 1.84
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

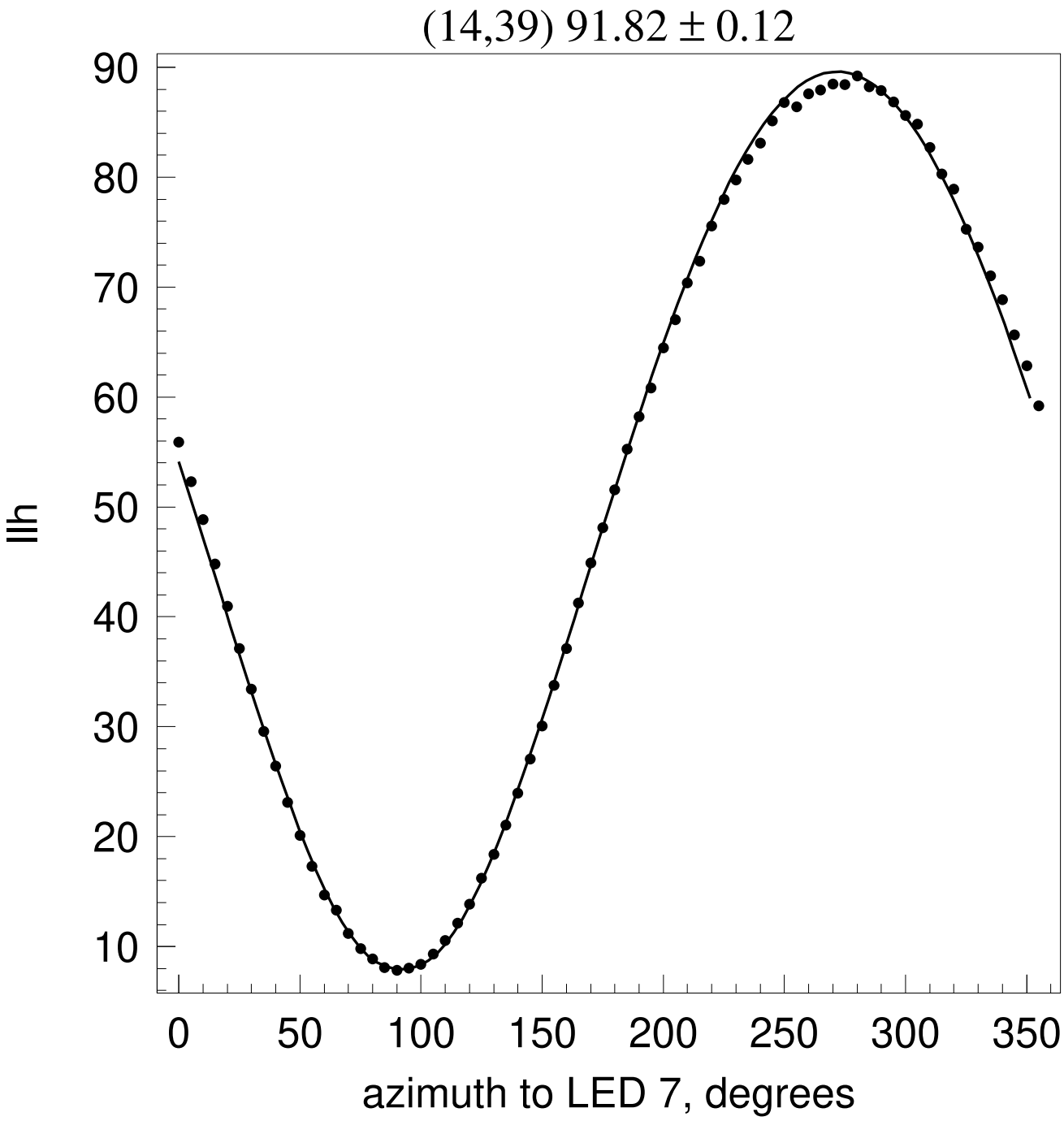

(14,34) 49.64 ± 5.78
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

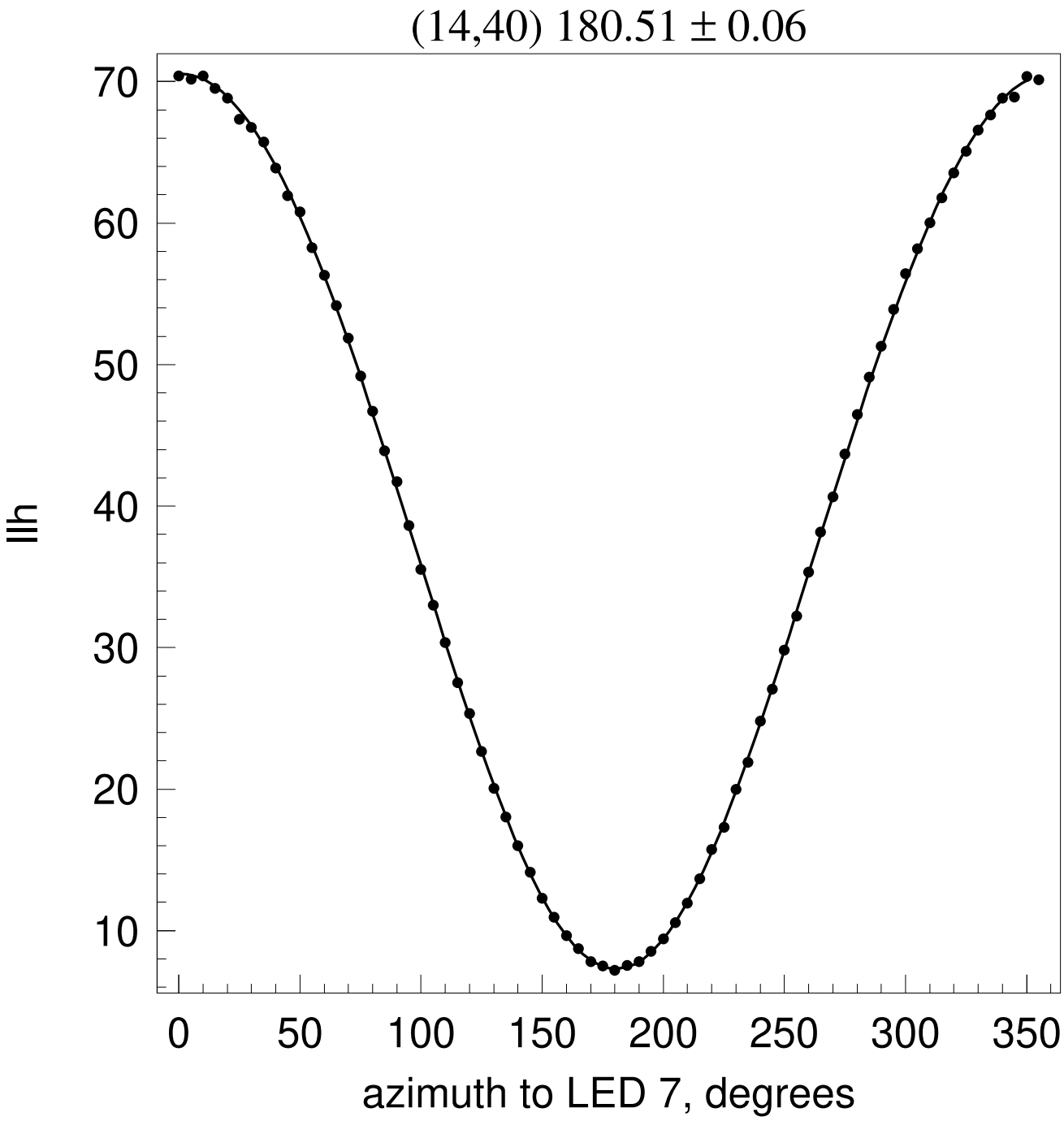

(14,35) 138.67 ± 18.45
llh
8.4
8.2
8
7.8
7.6
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

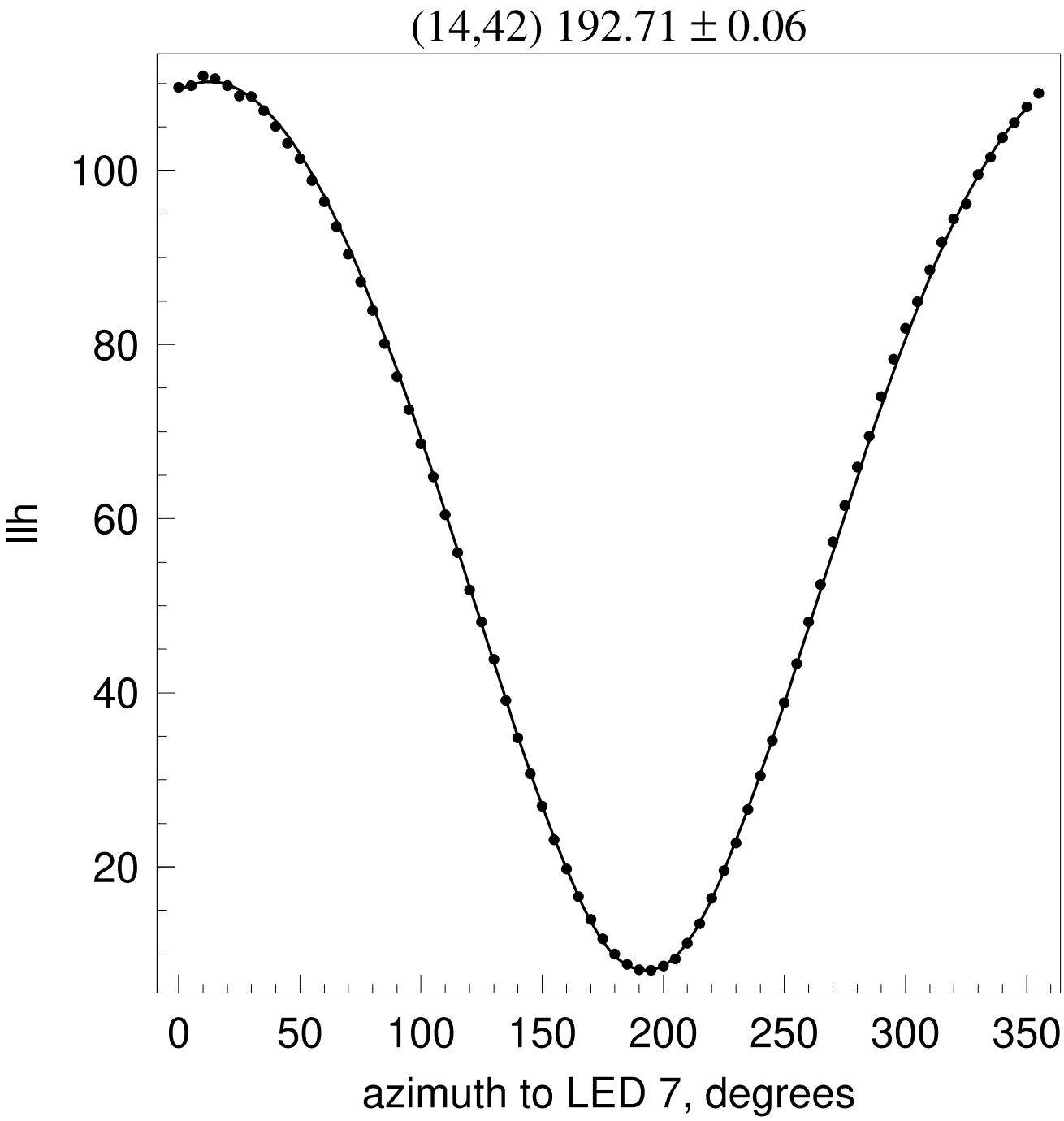

(14,36) 355.33 ± 0.01
8.4
8.2
8
7.8
7.6
7.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

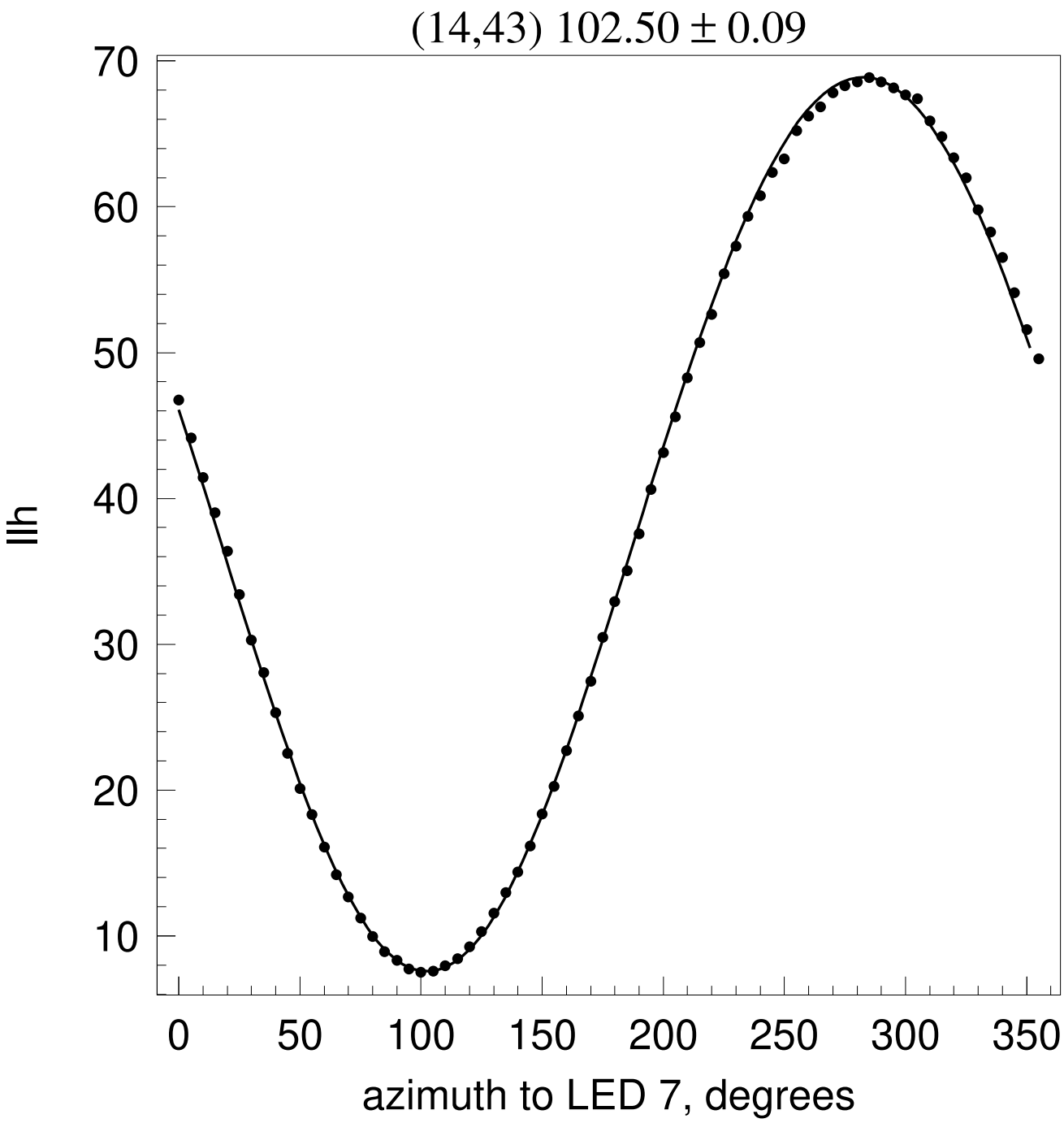

(14,37) 250.33 ± 0.48
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

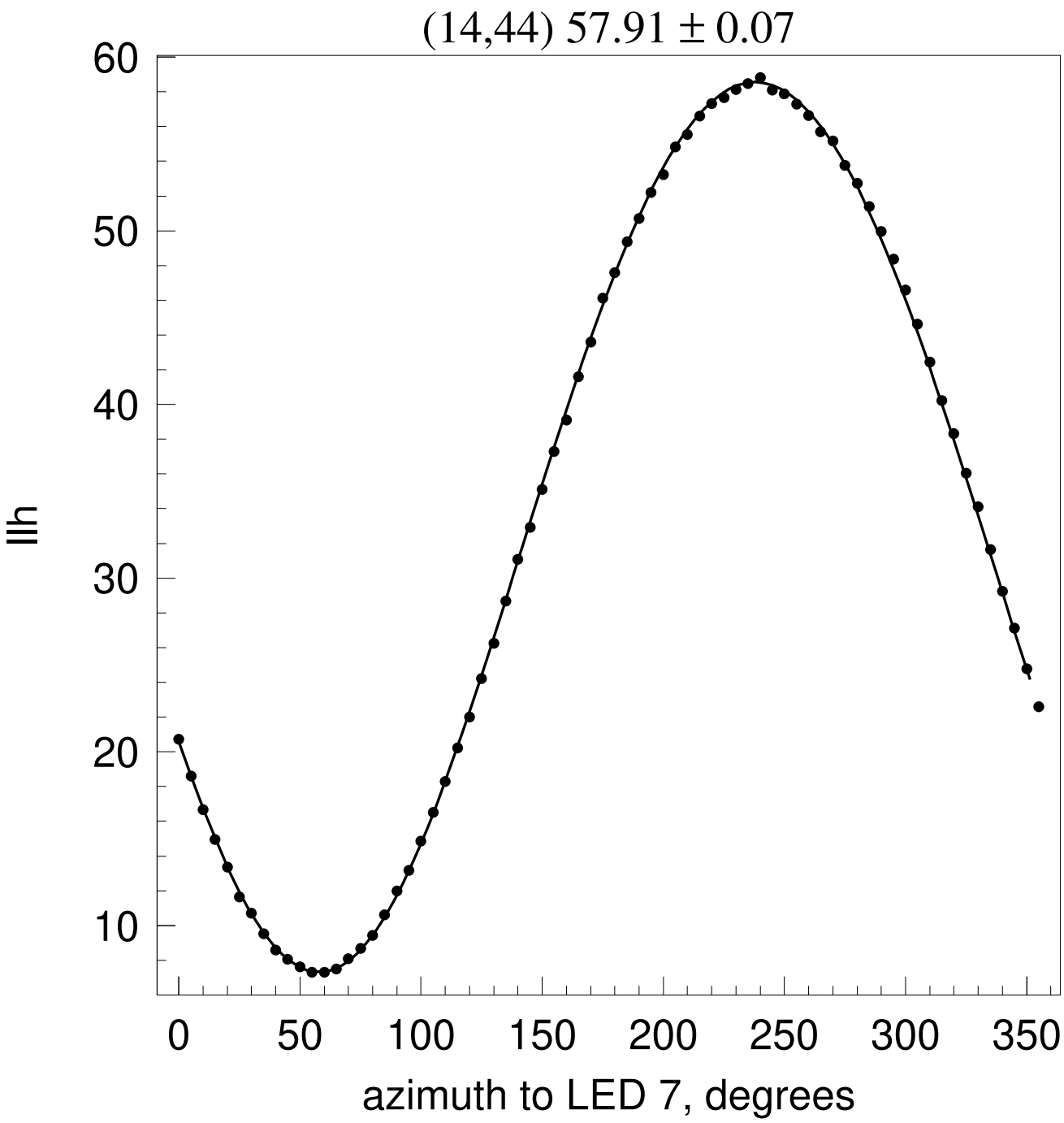

(14,38) 267.56 ± 0.09
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

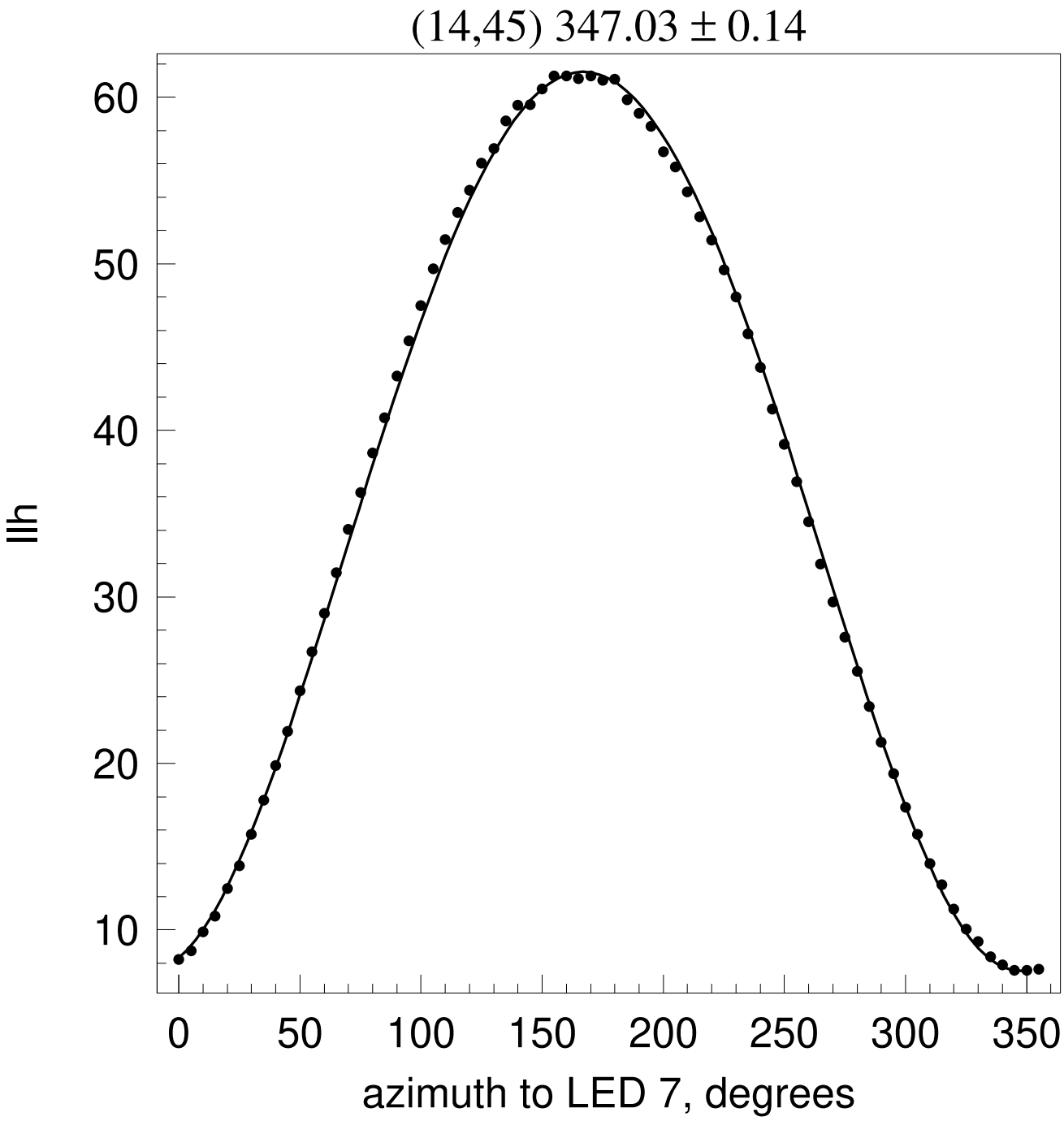

(14,39) 91.82 ± 0.12
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

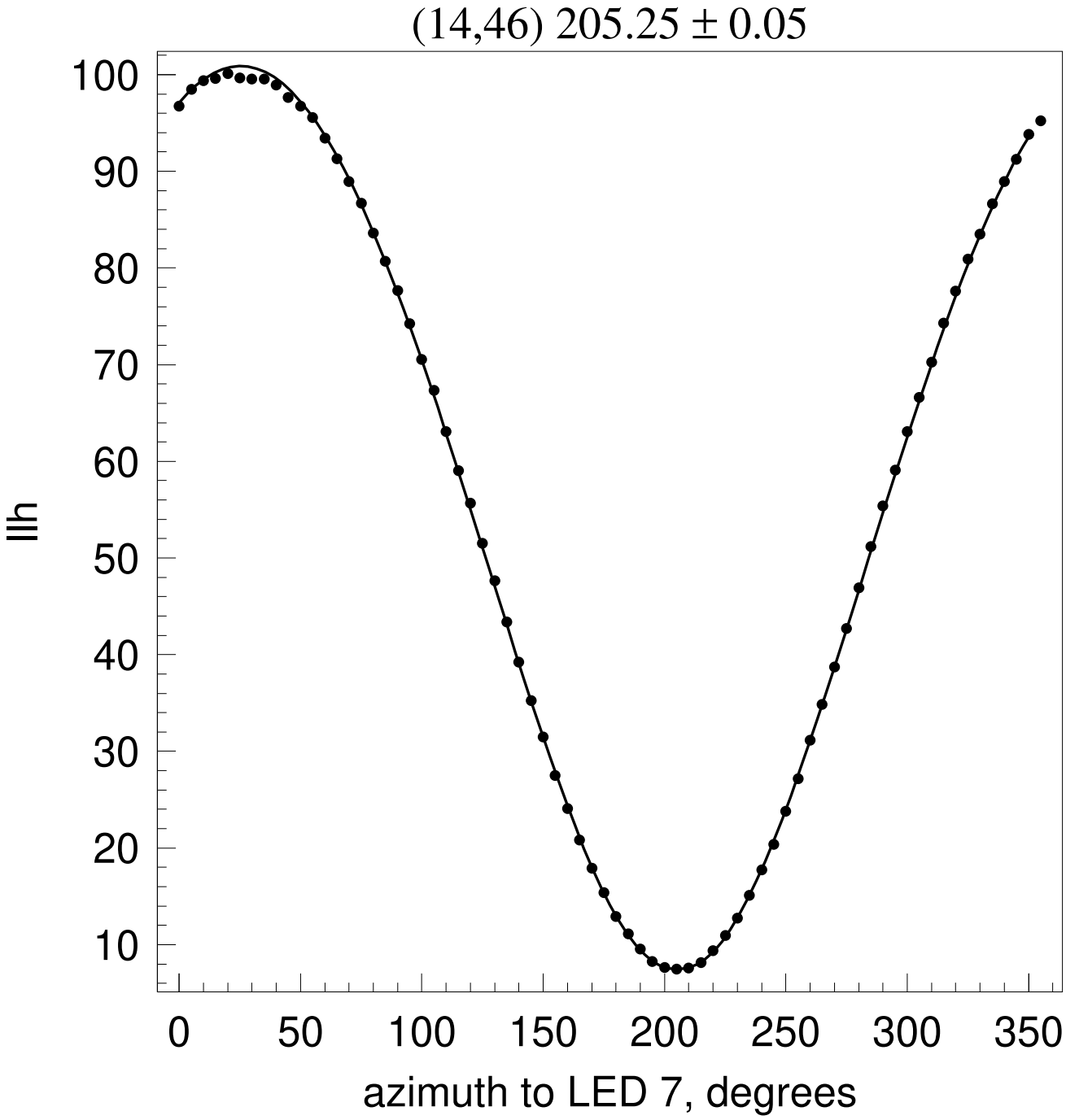

(14,40) 180.51 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

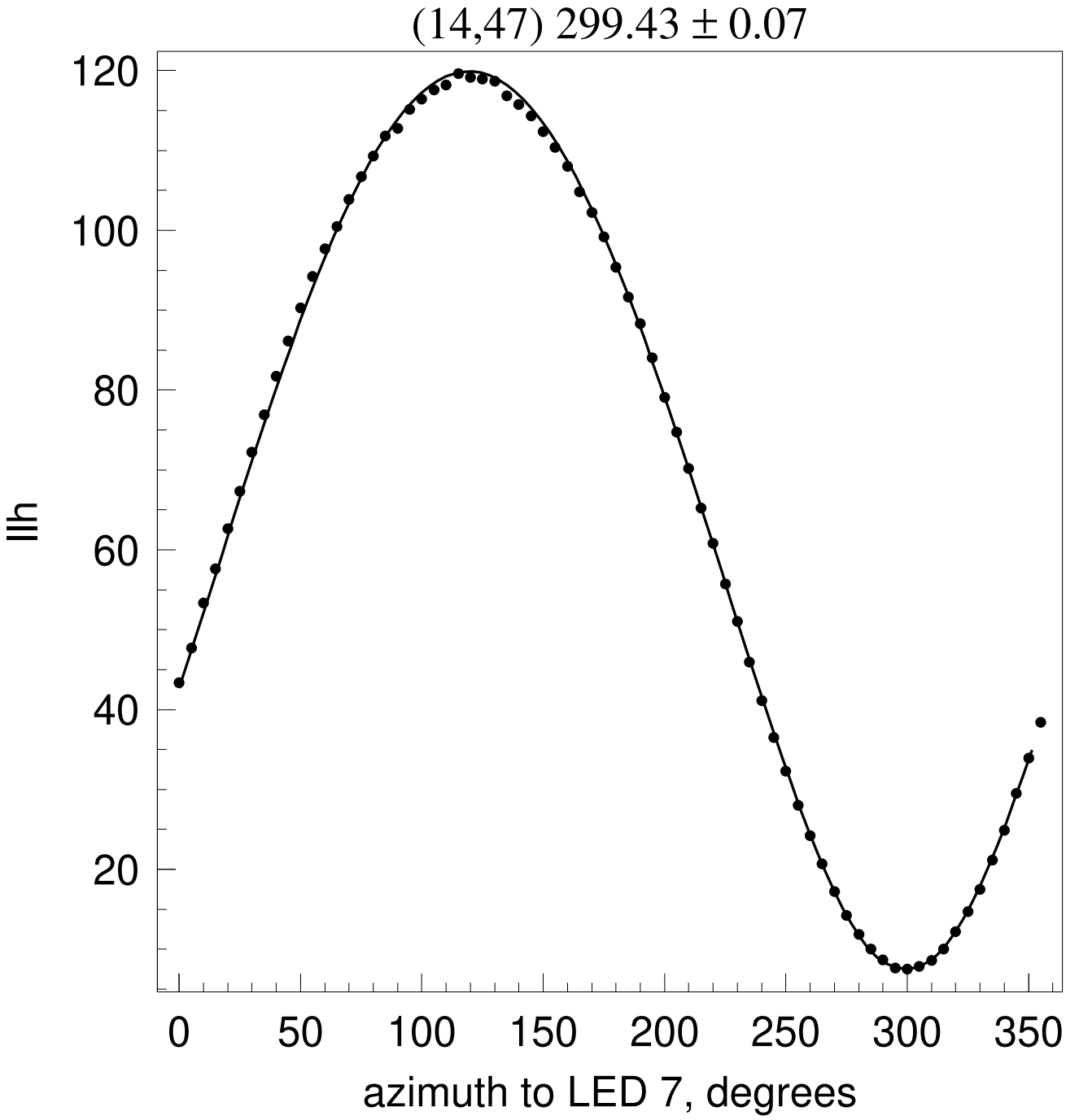

(14,42) 192.71 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

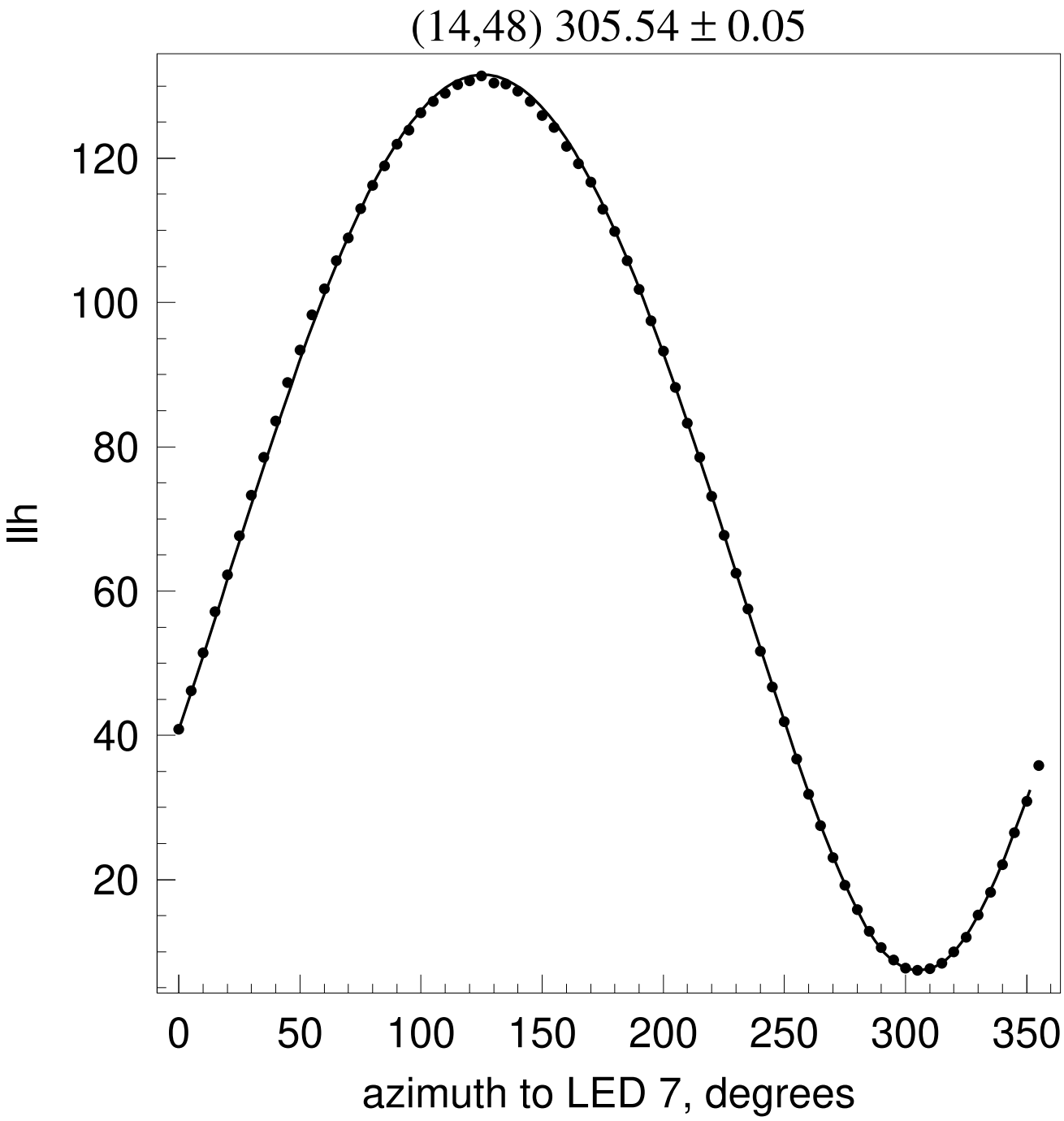

(14,43) 102.50 ± 0.09
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

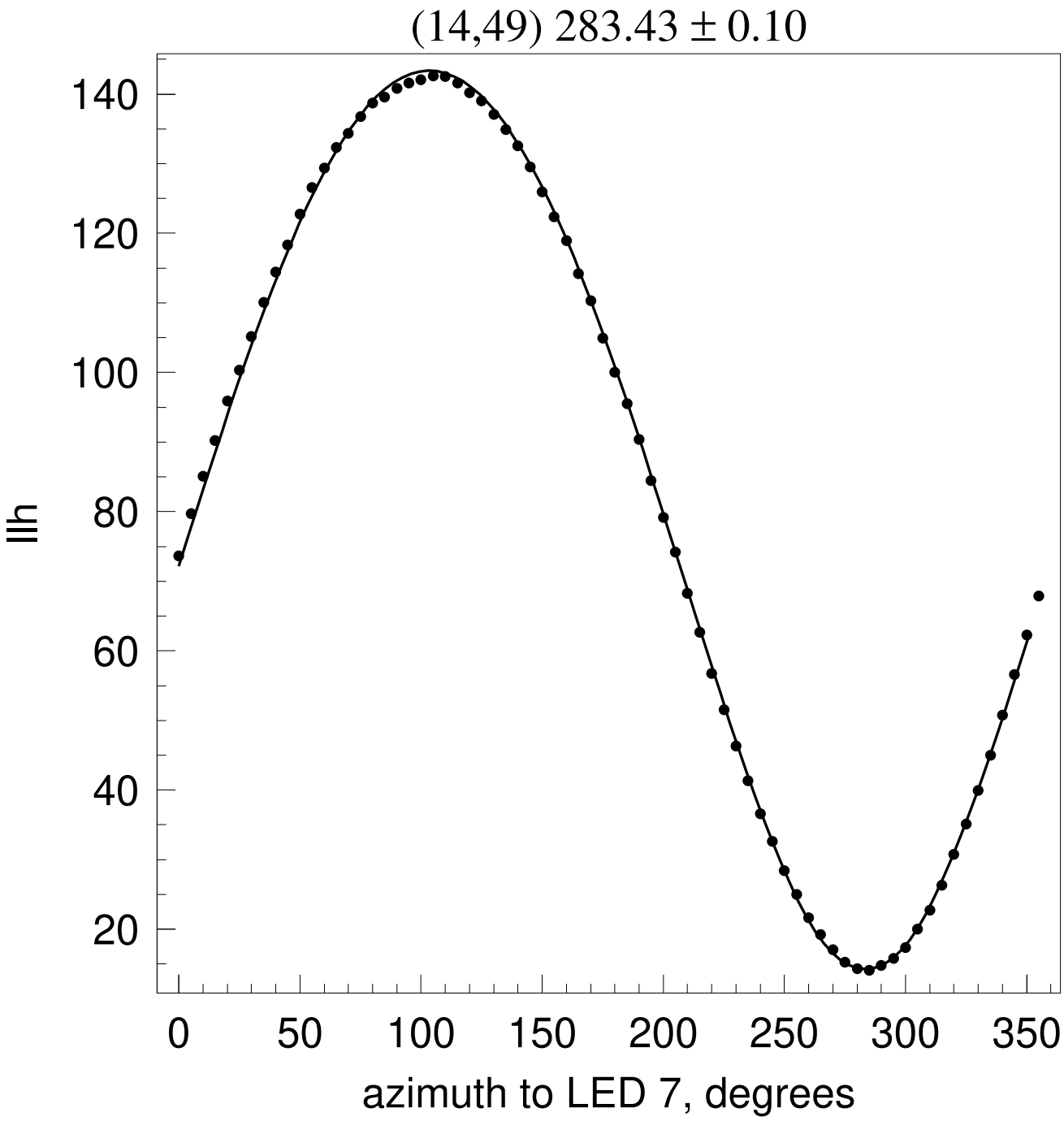

(14,44) 57.91 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

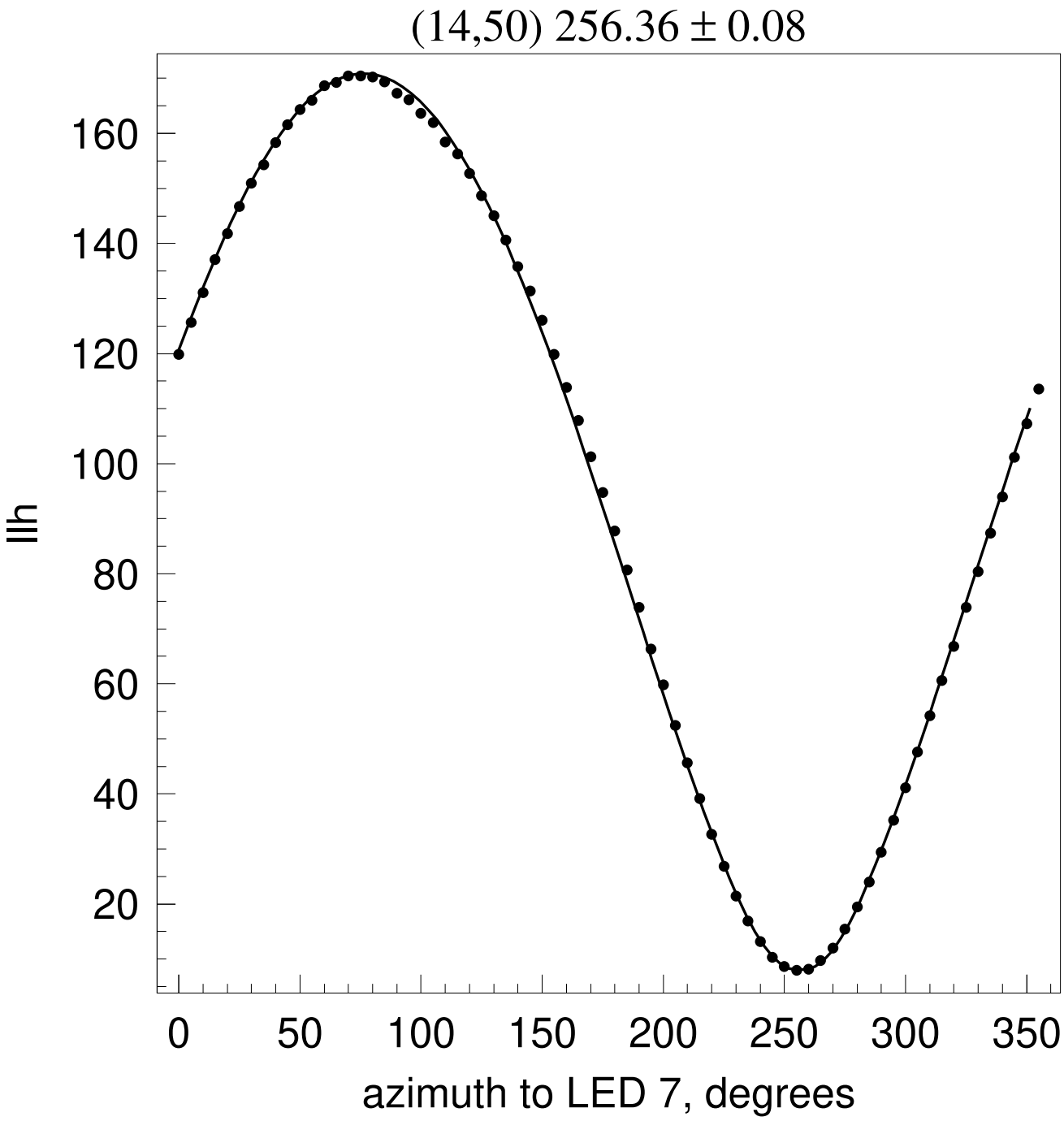

(14,45) 347.03 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

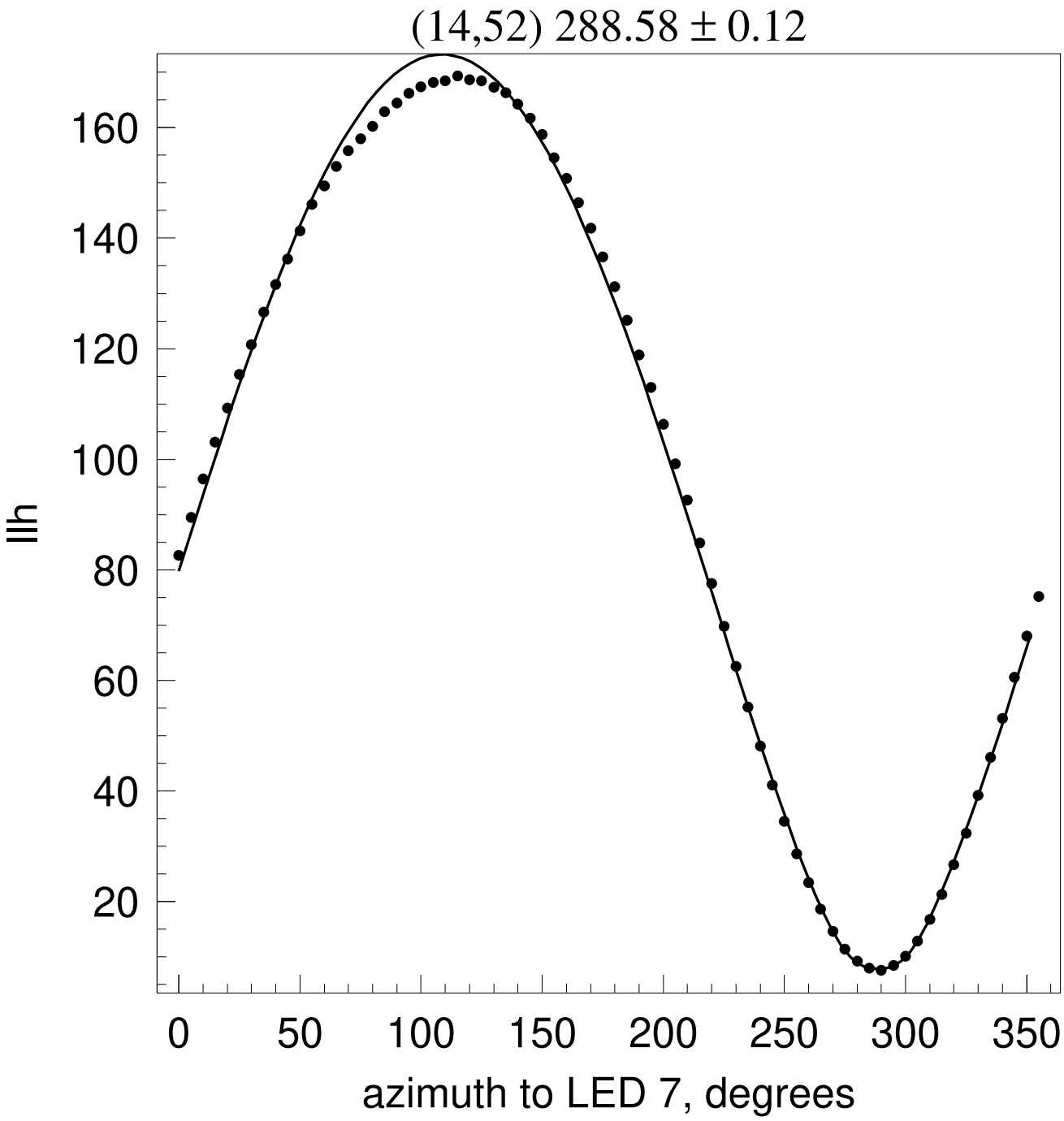

(14,46) 205.25 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

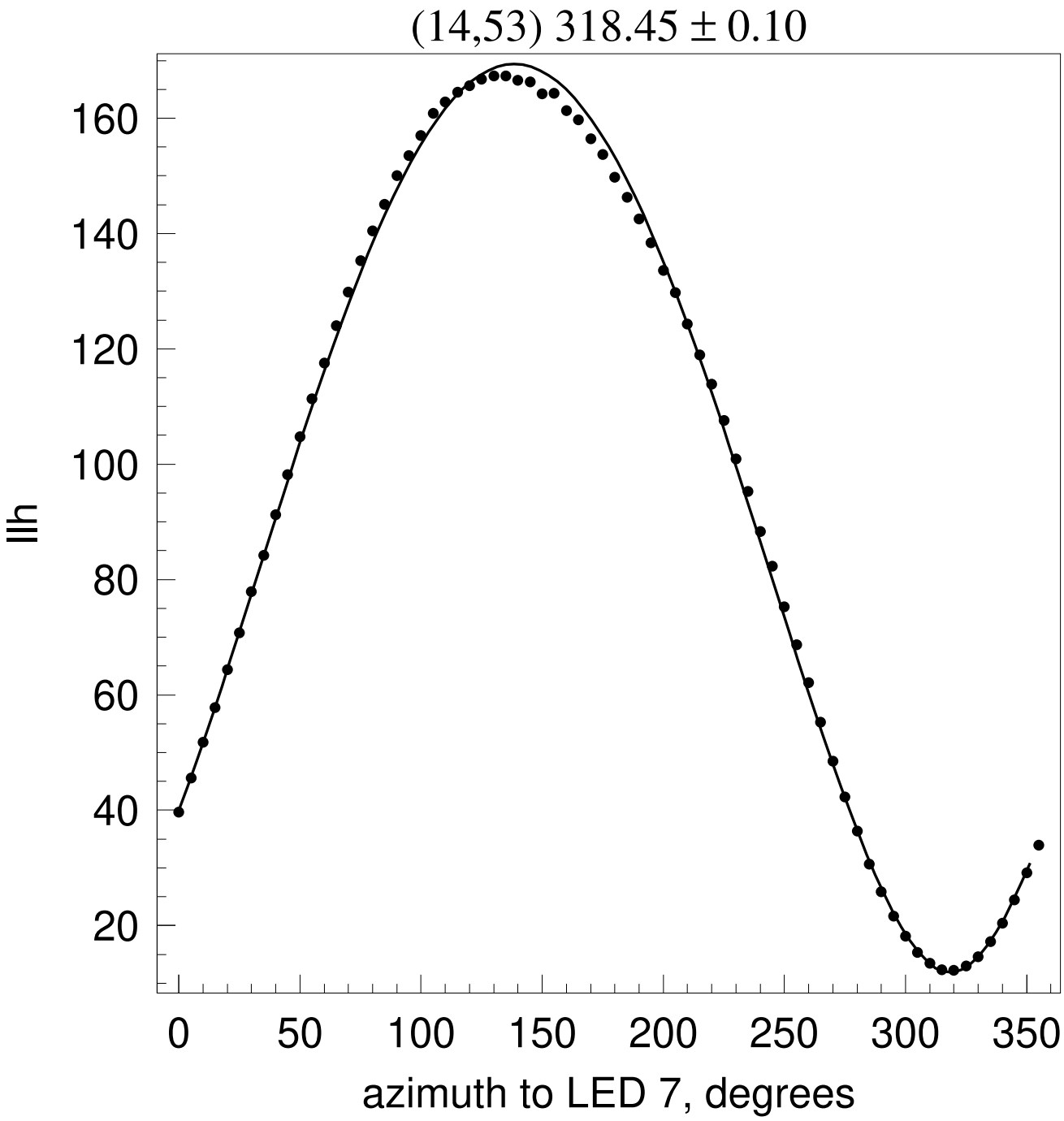

(14,47) 299.43 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

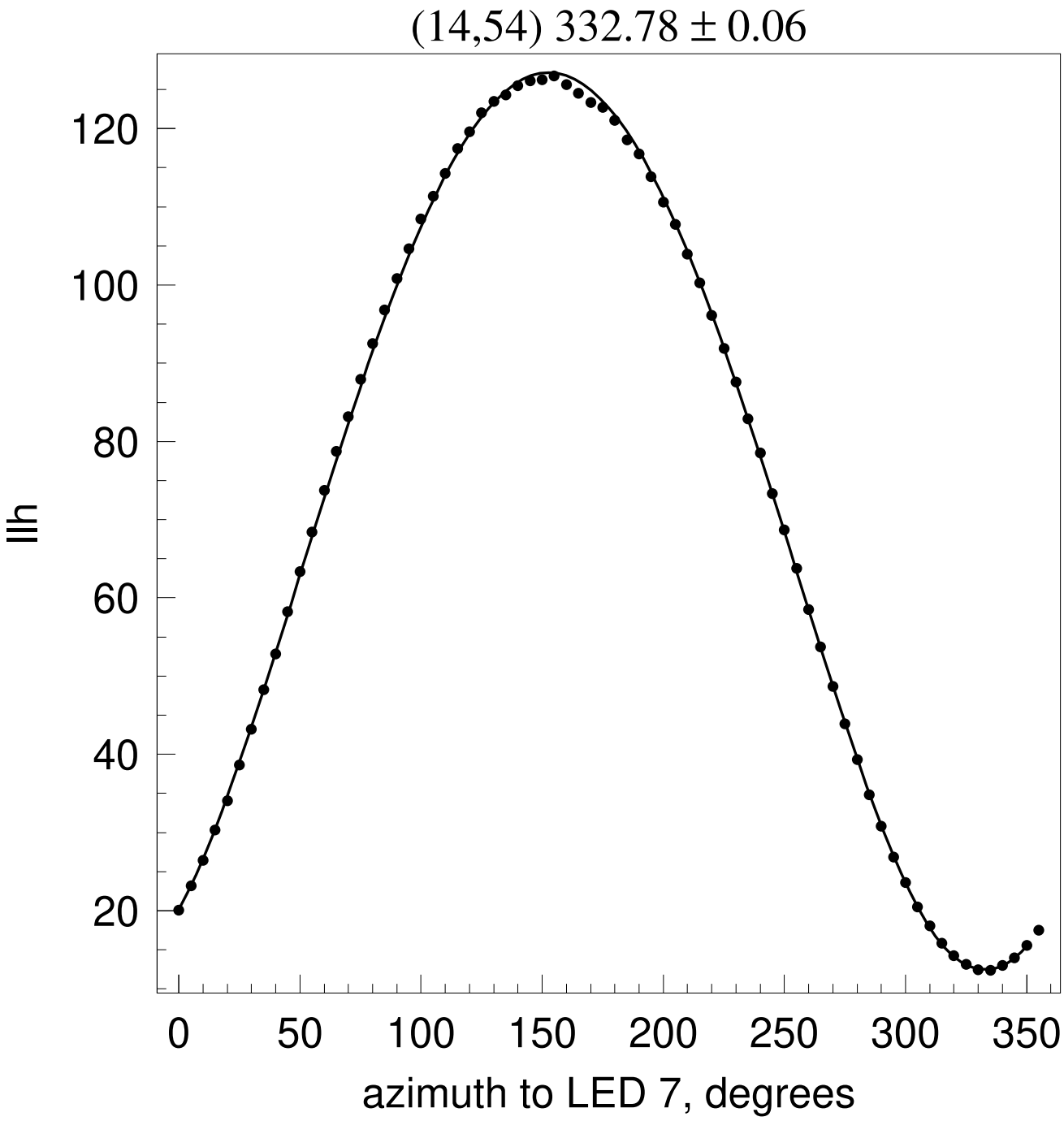

(14,48) 305.54 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

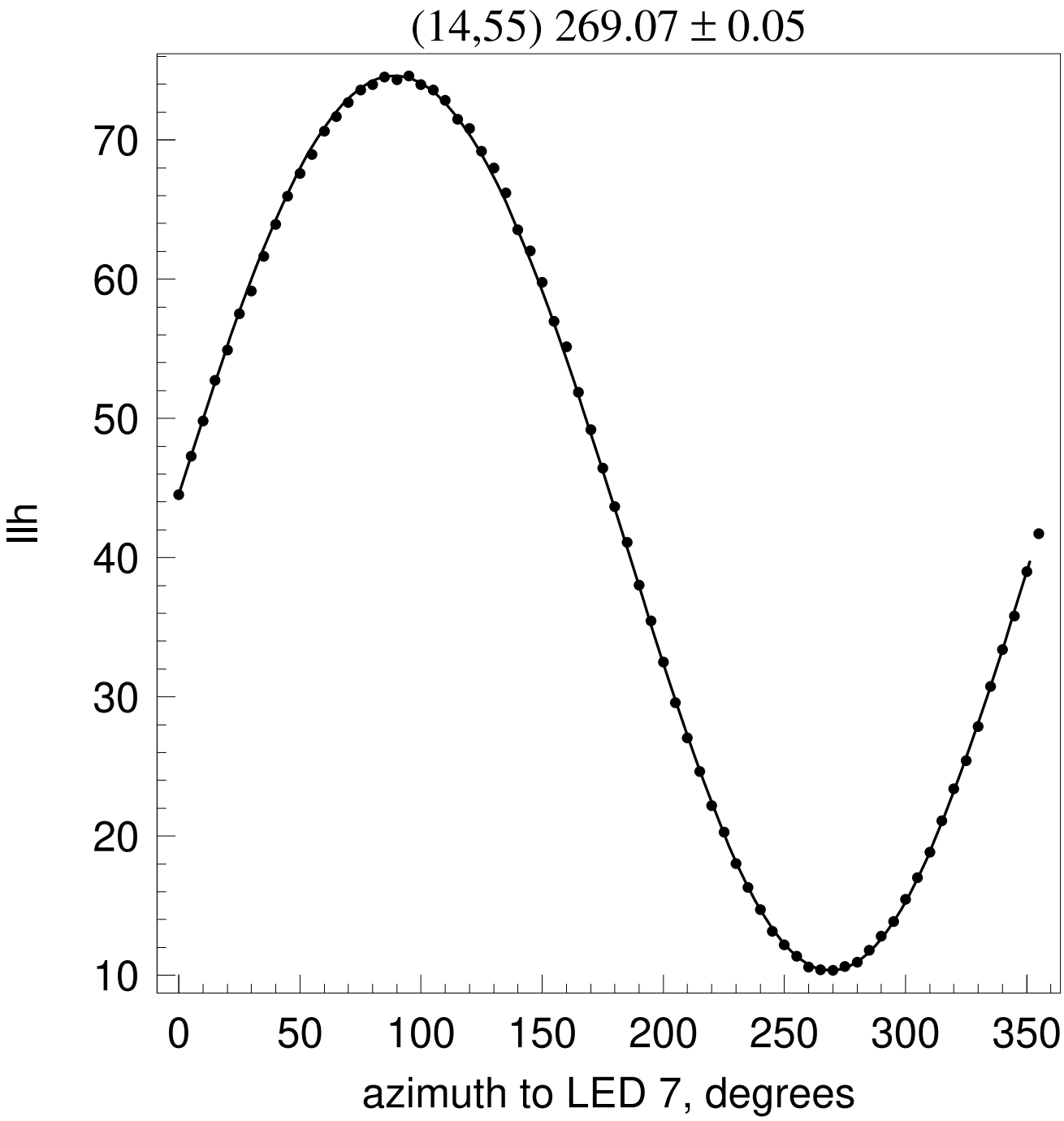

(14,49) 283.43 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

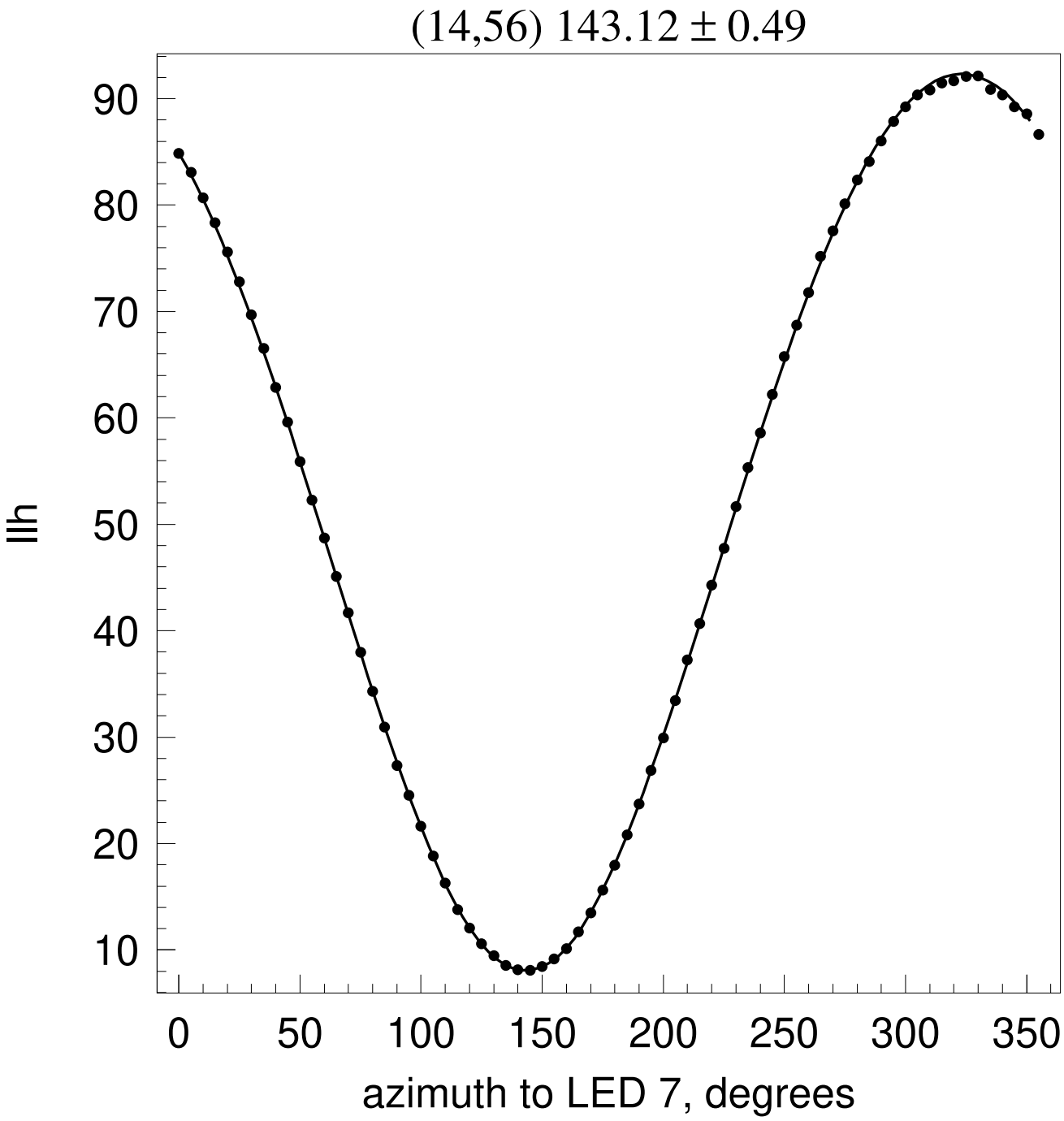

(14,50) 256.36 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

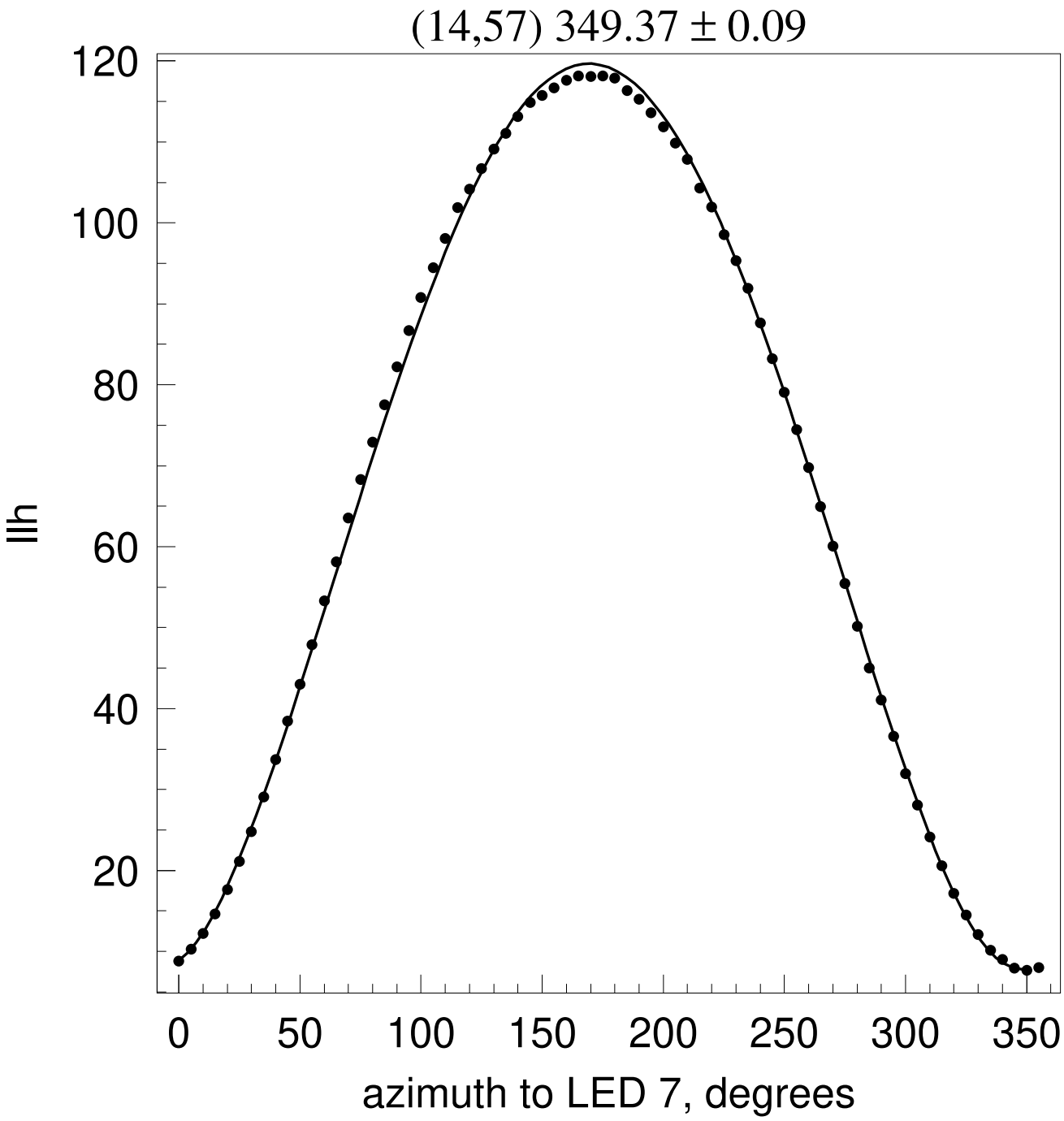

(14,52) 288.58 ± 0.12
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

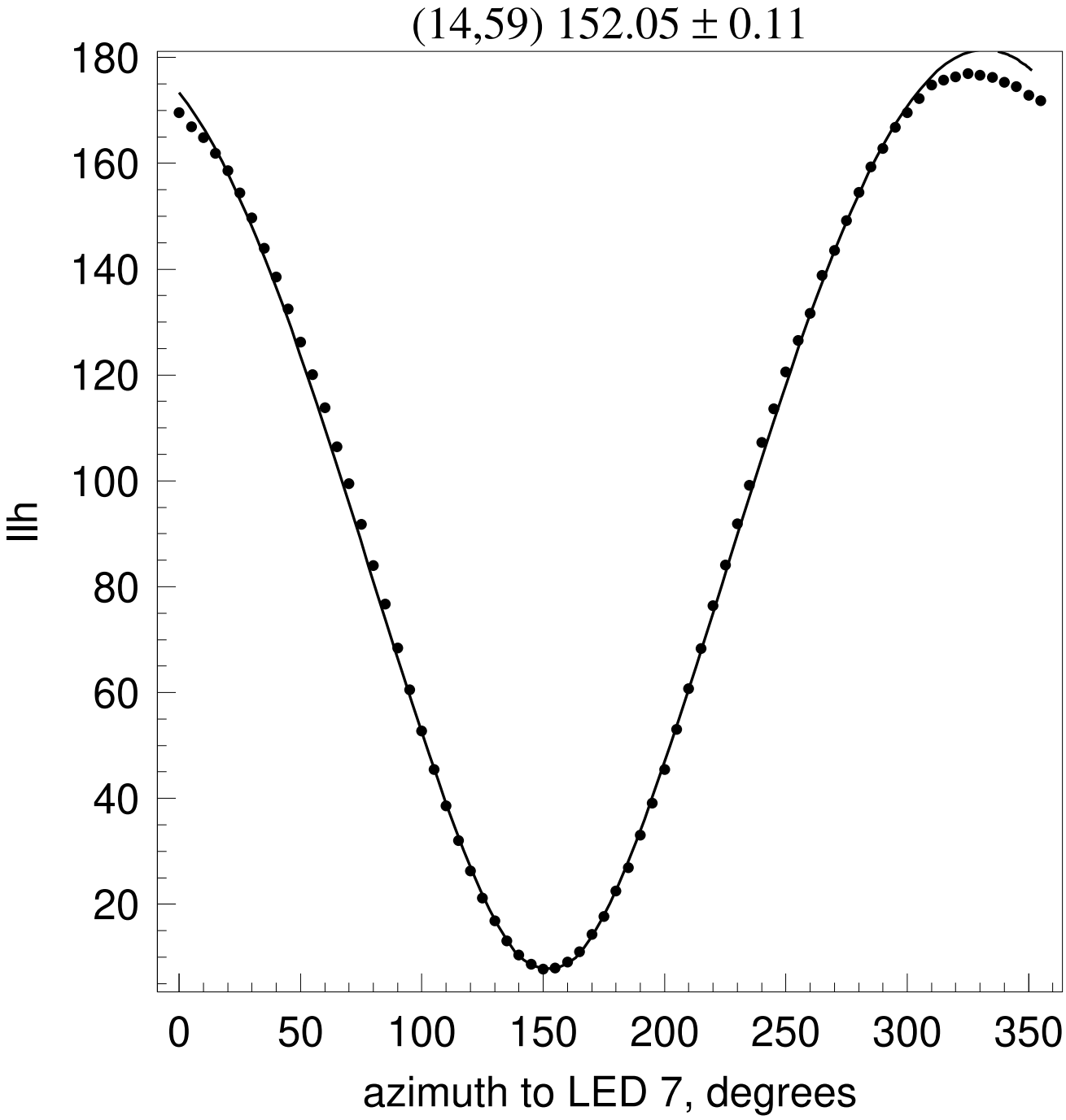

(14,53) 318.45 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

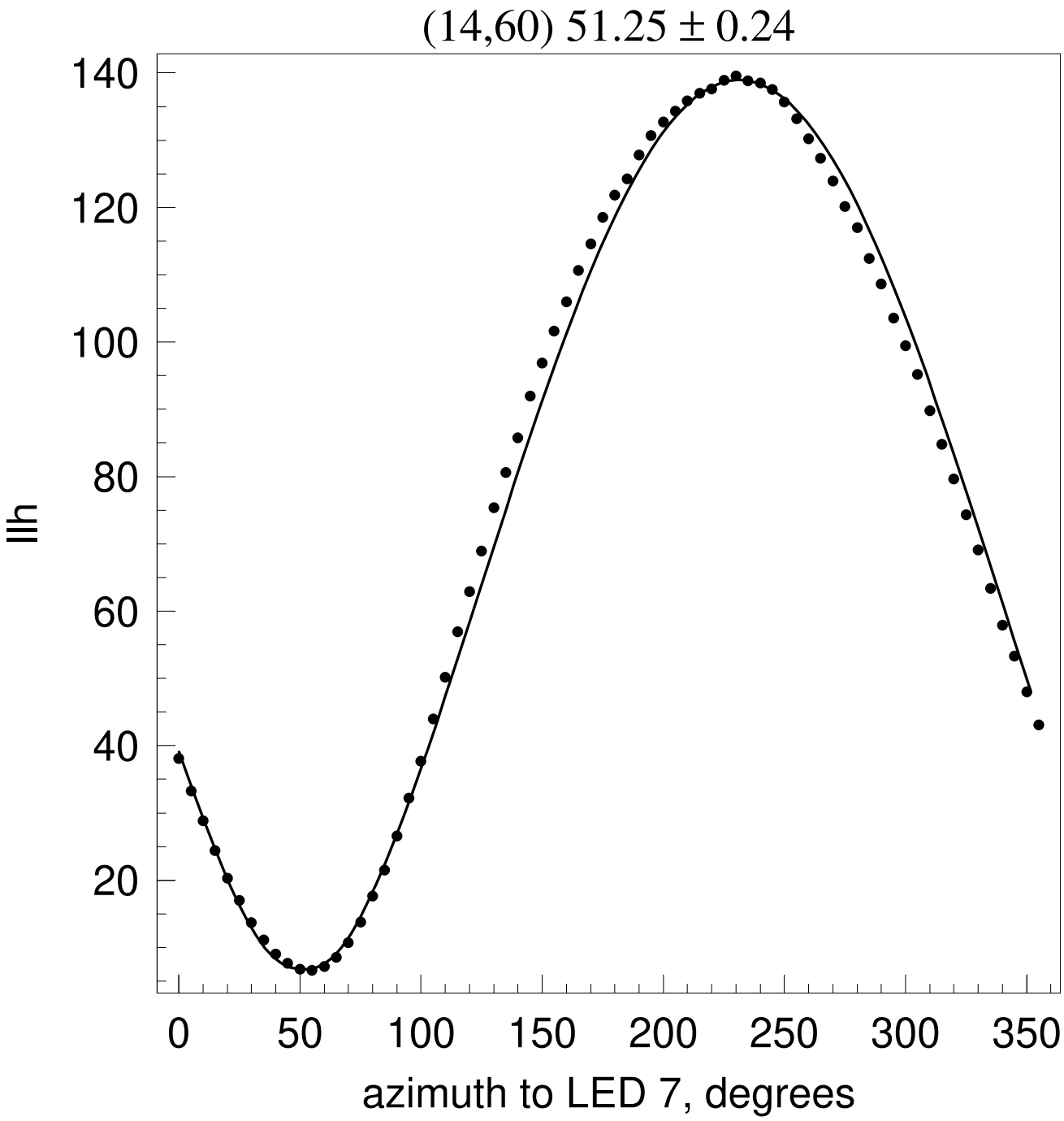

(14,54) 332.78 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

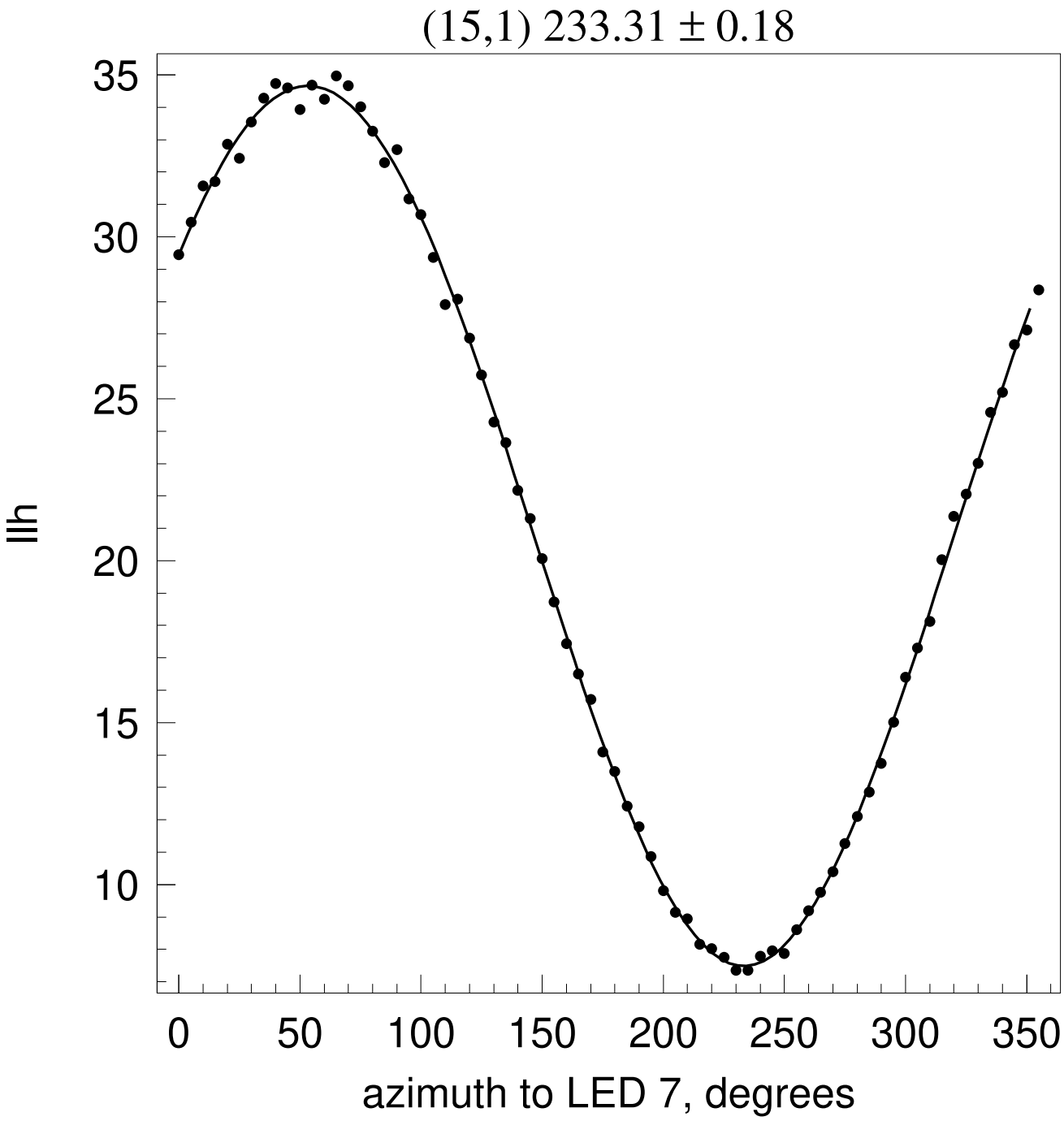

(14,55) 269.07 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

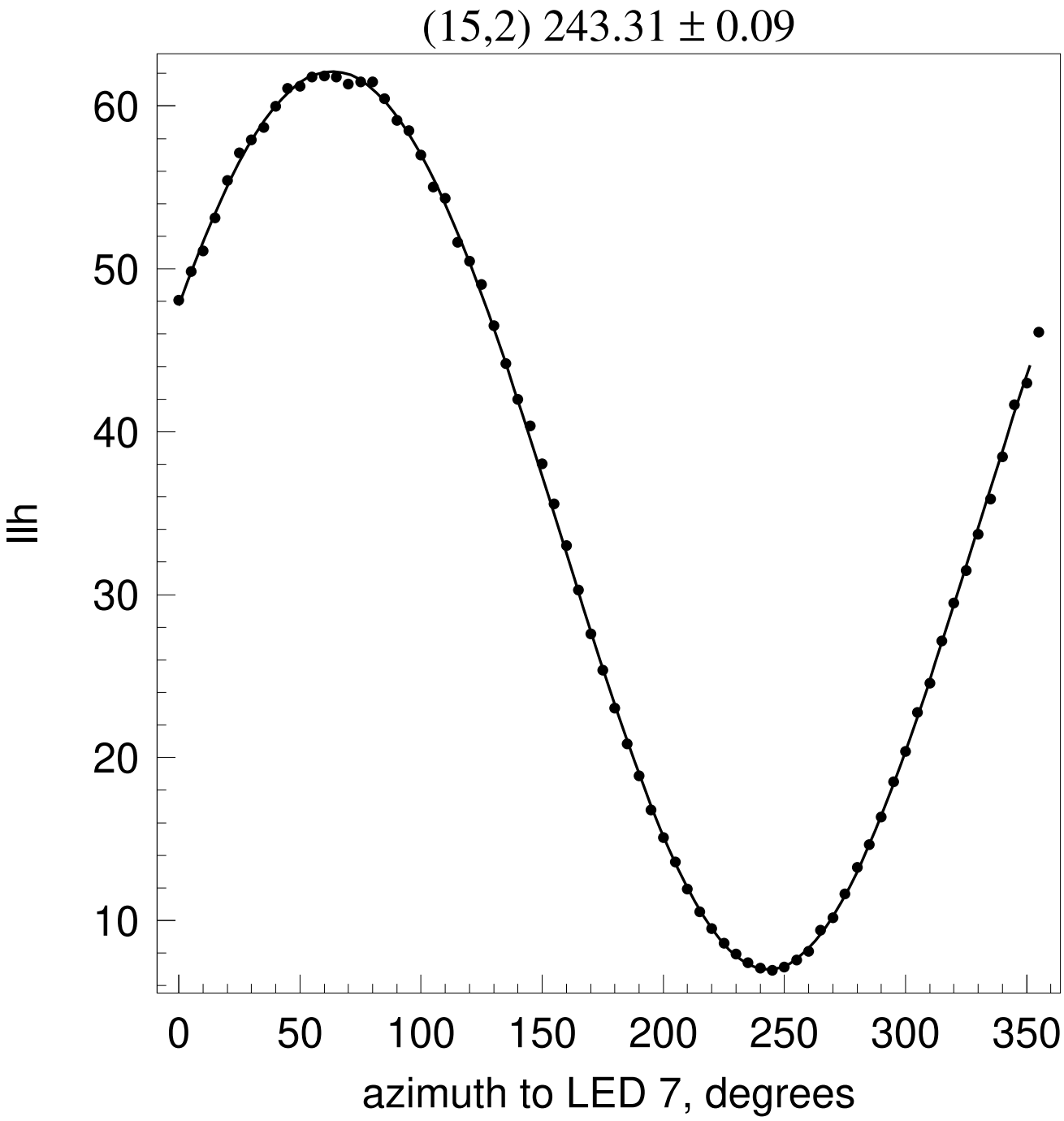

(14,56) 143.12 ± 0.49
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

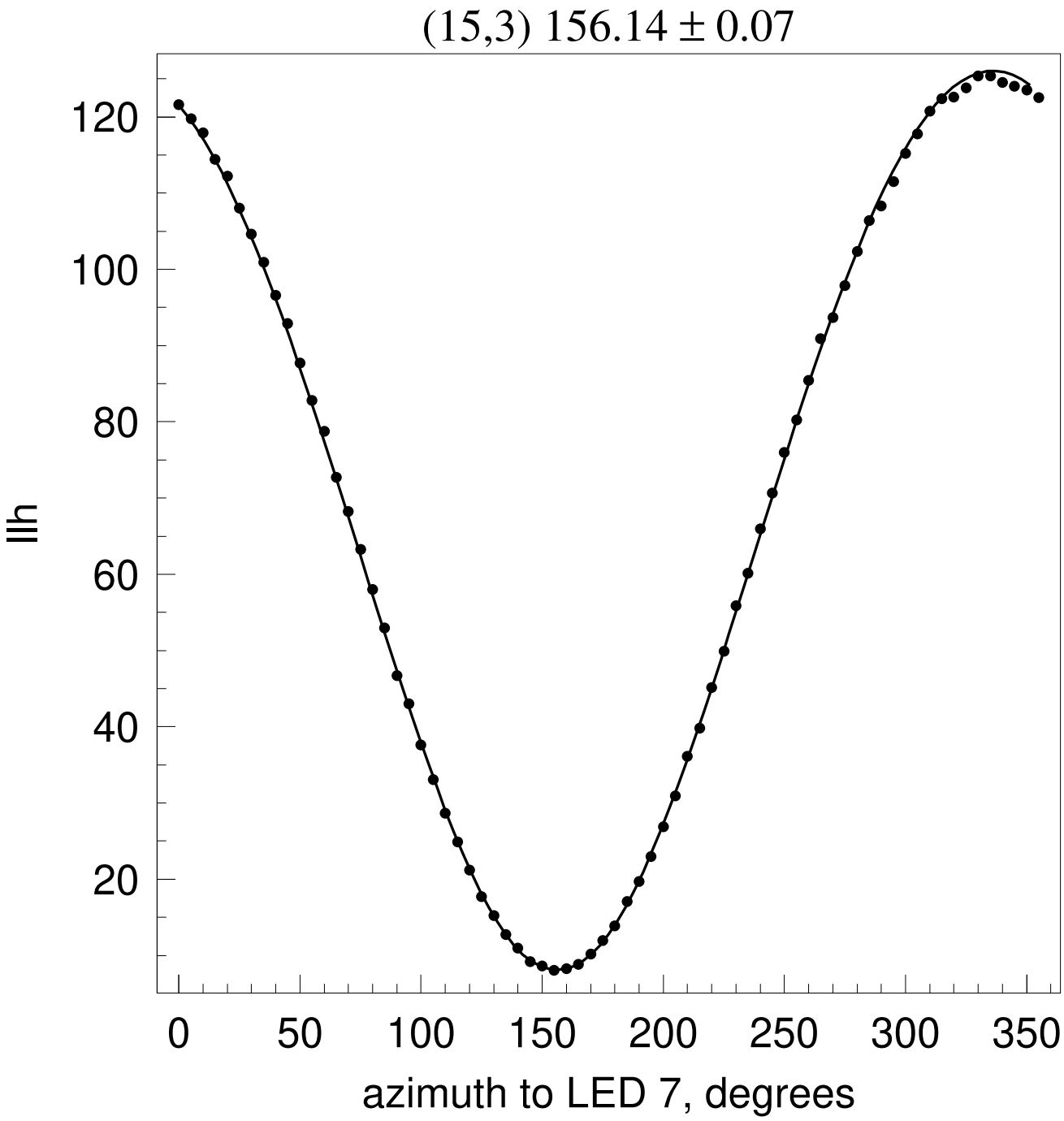

(14,57) 349.37 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

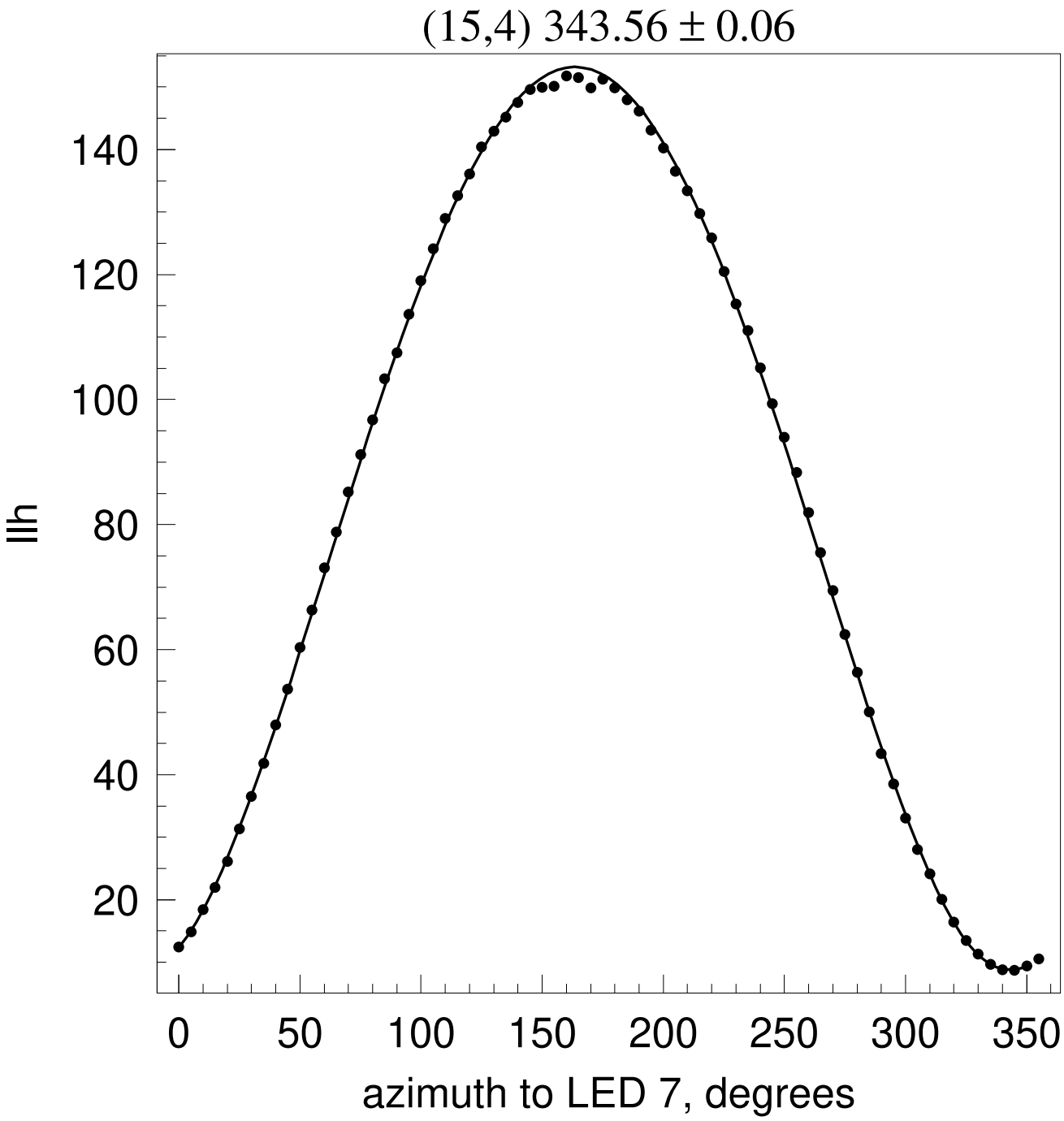

(14,59) 152.05 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

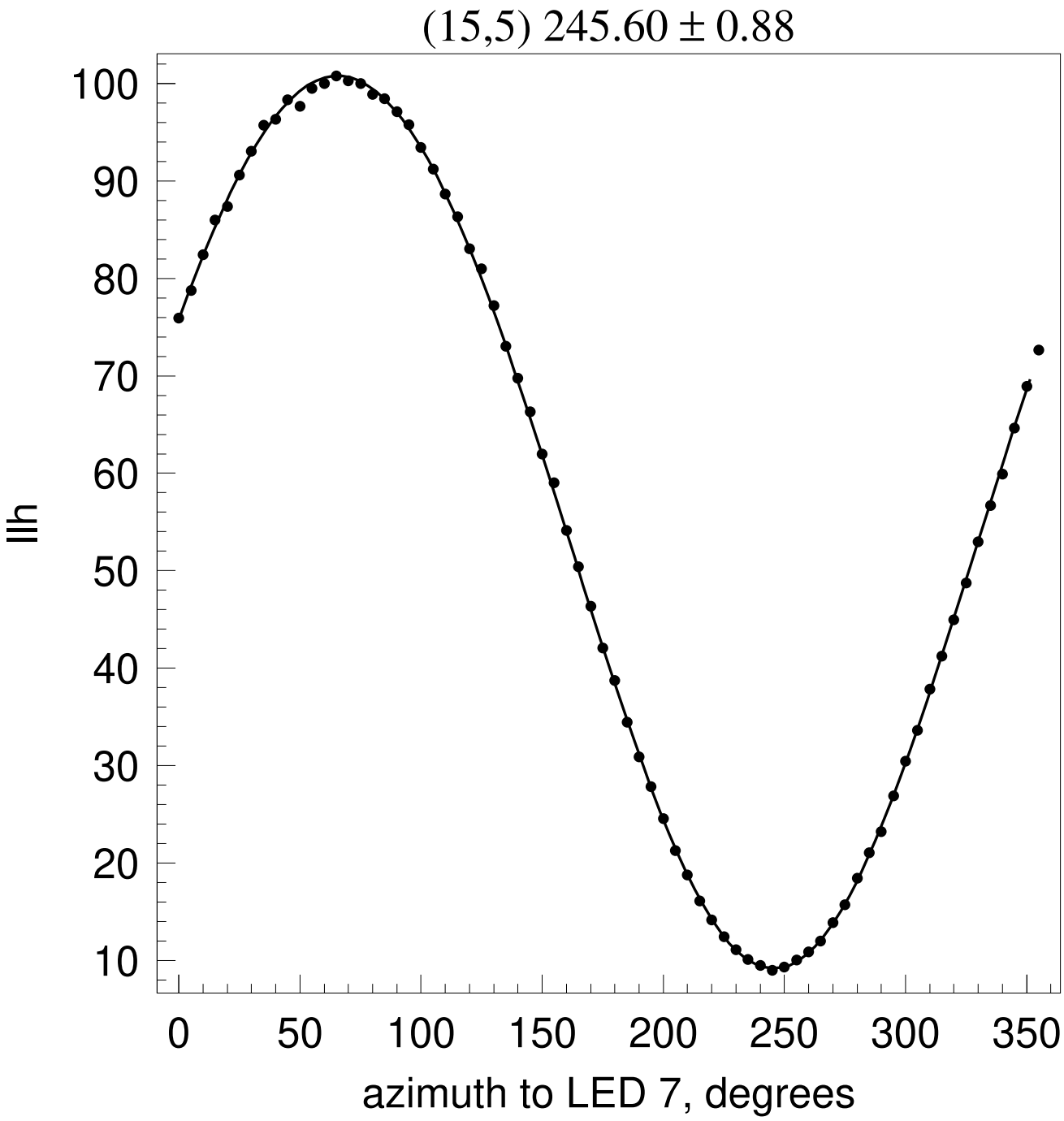

(14,60) 51.25 ± 0.24
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

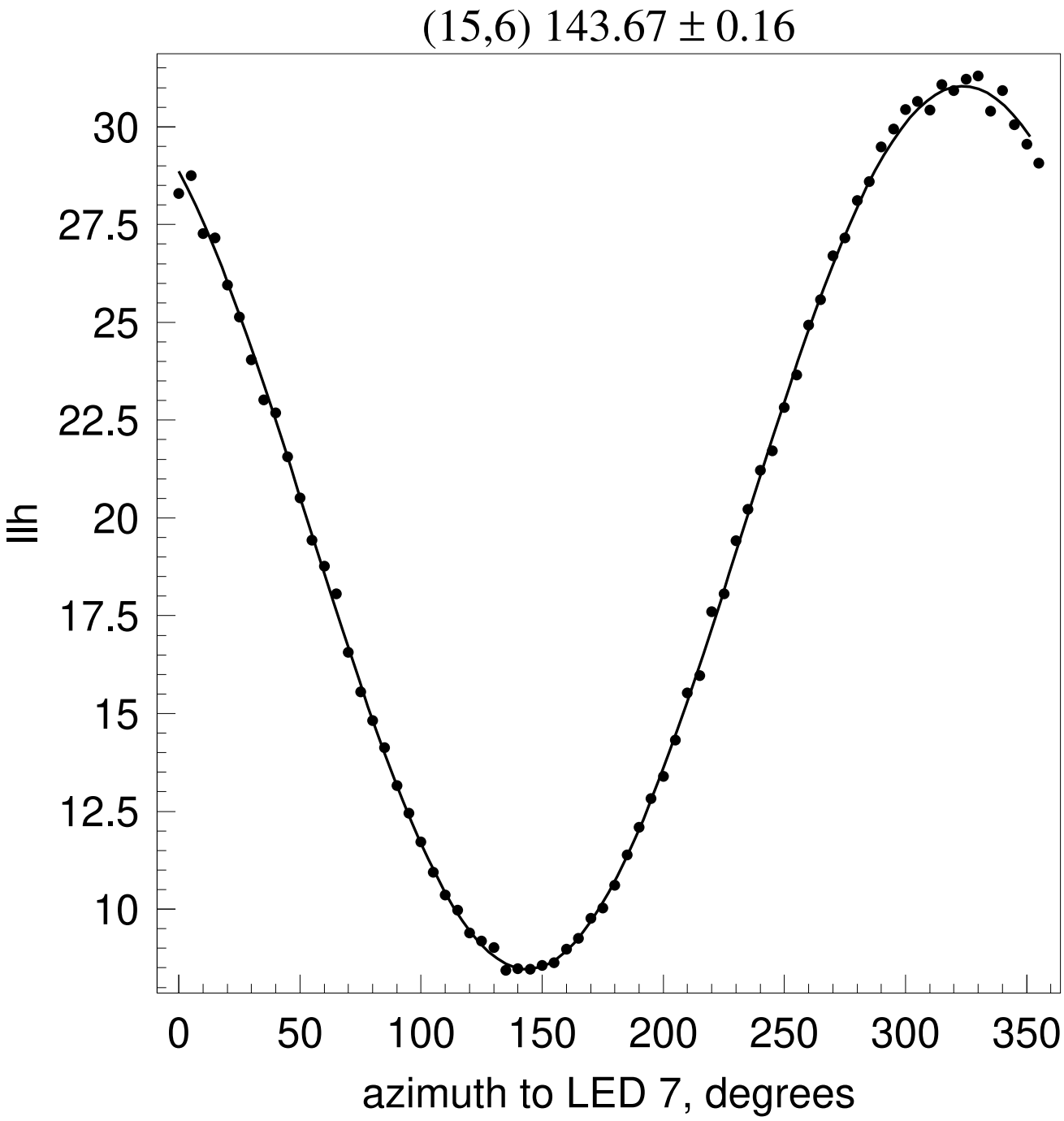

(15,1) 233.31 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

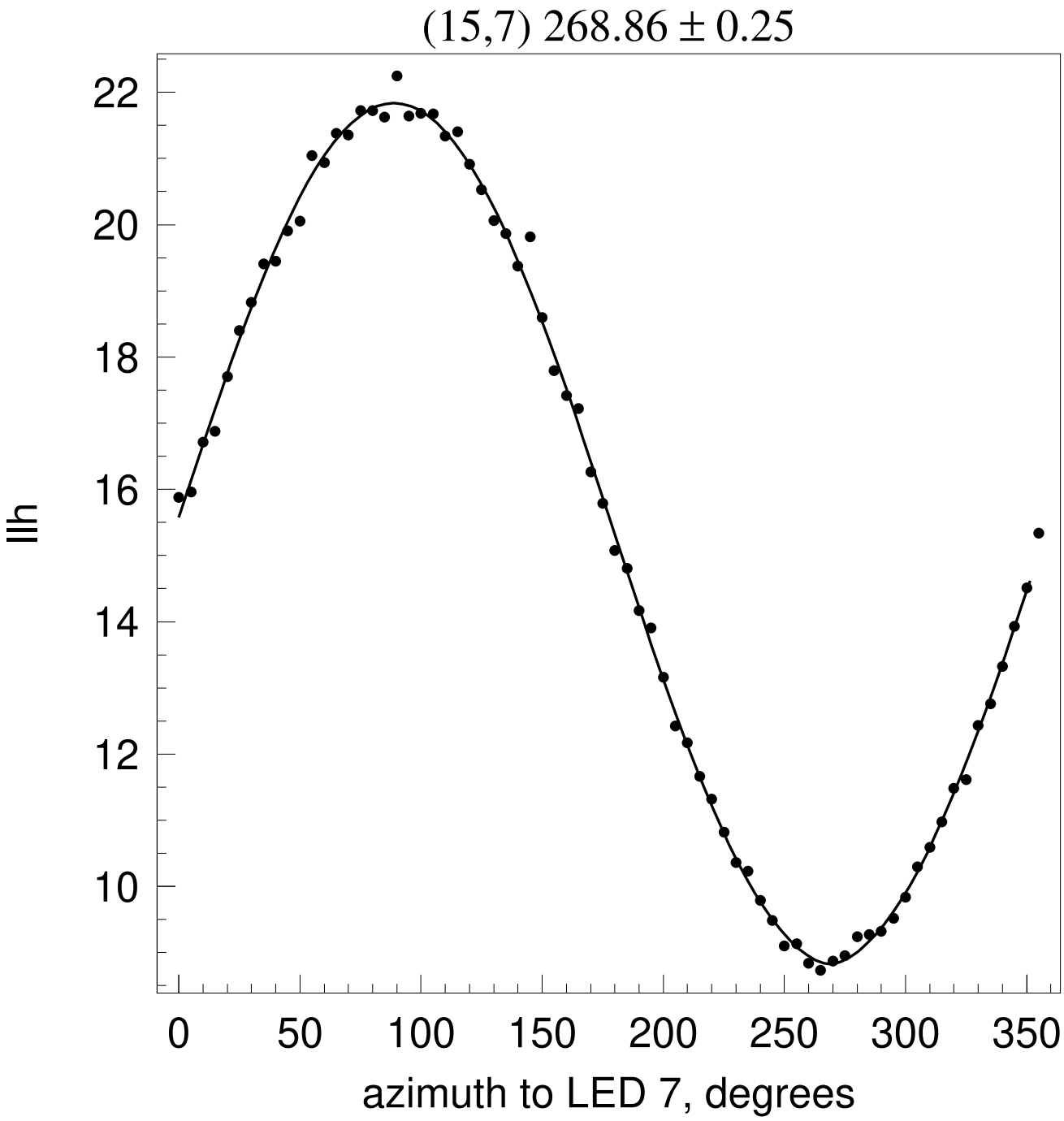

(15,2) 243.31 ± 0.09
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

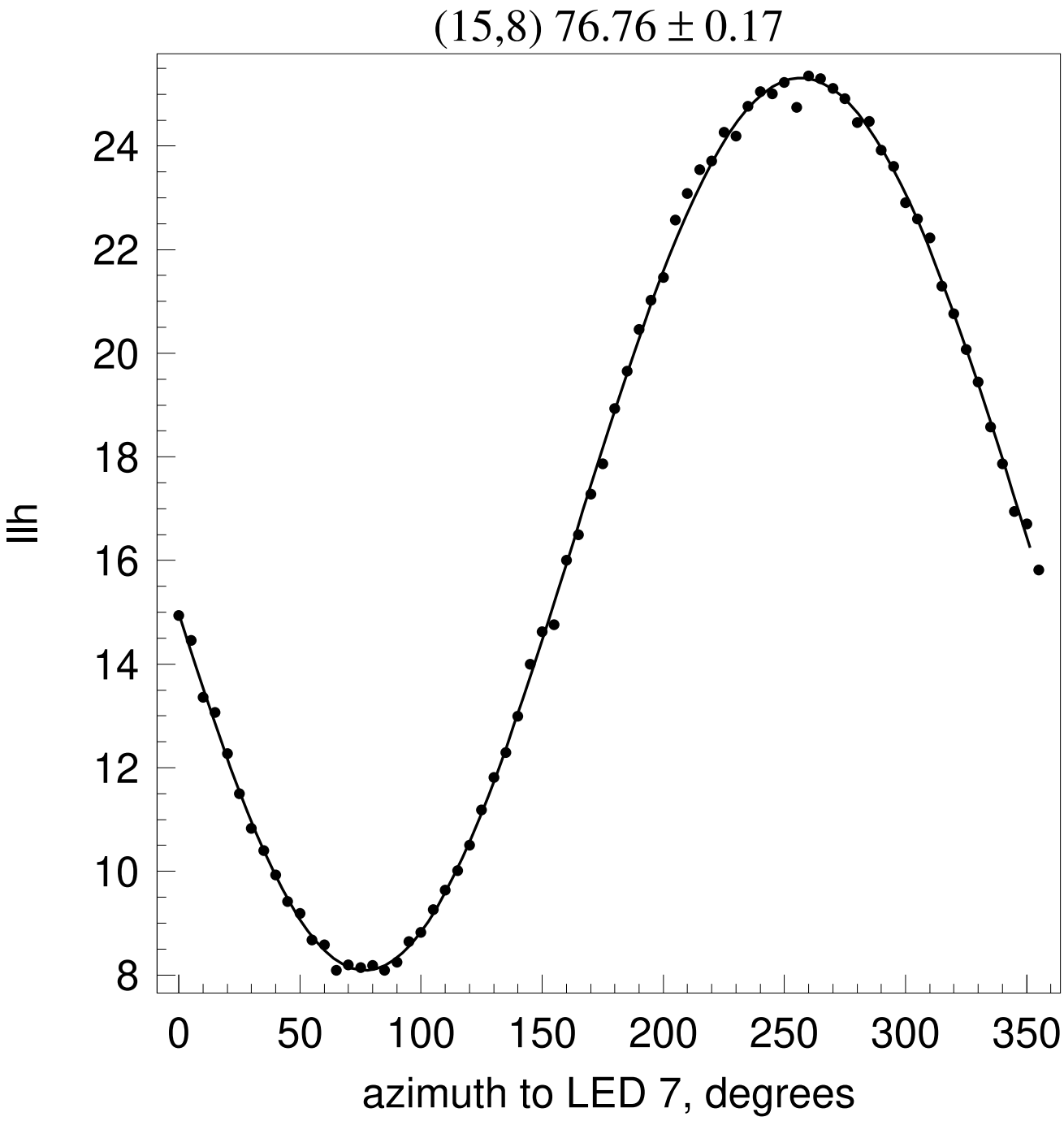

(15,3) 156.14 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

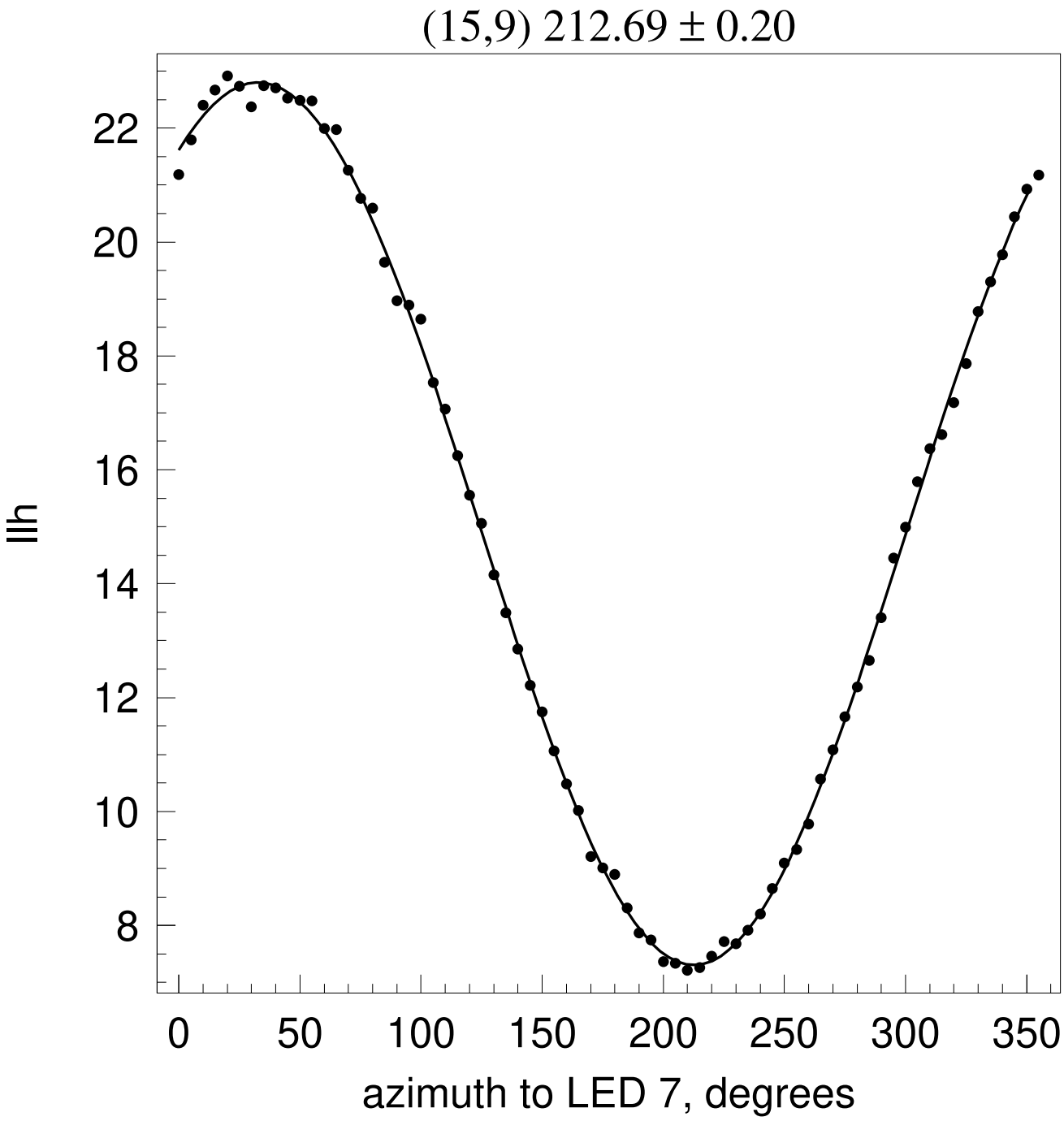

(15,4) 343.56 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

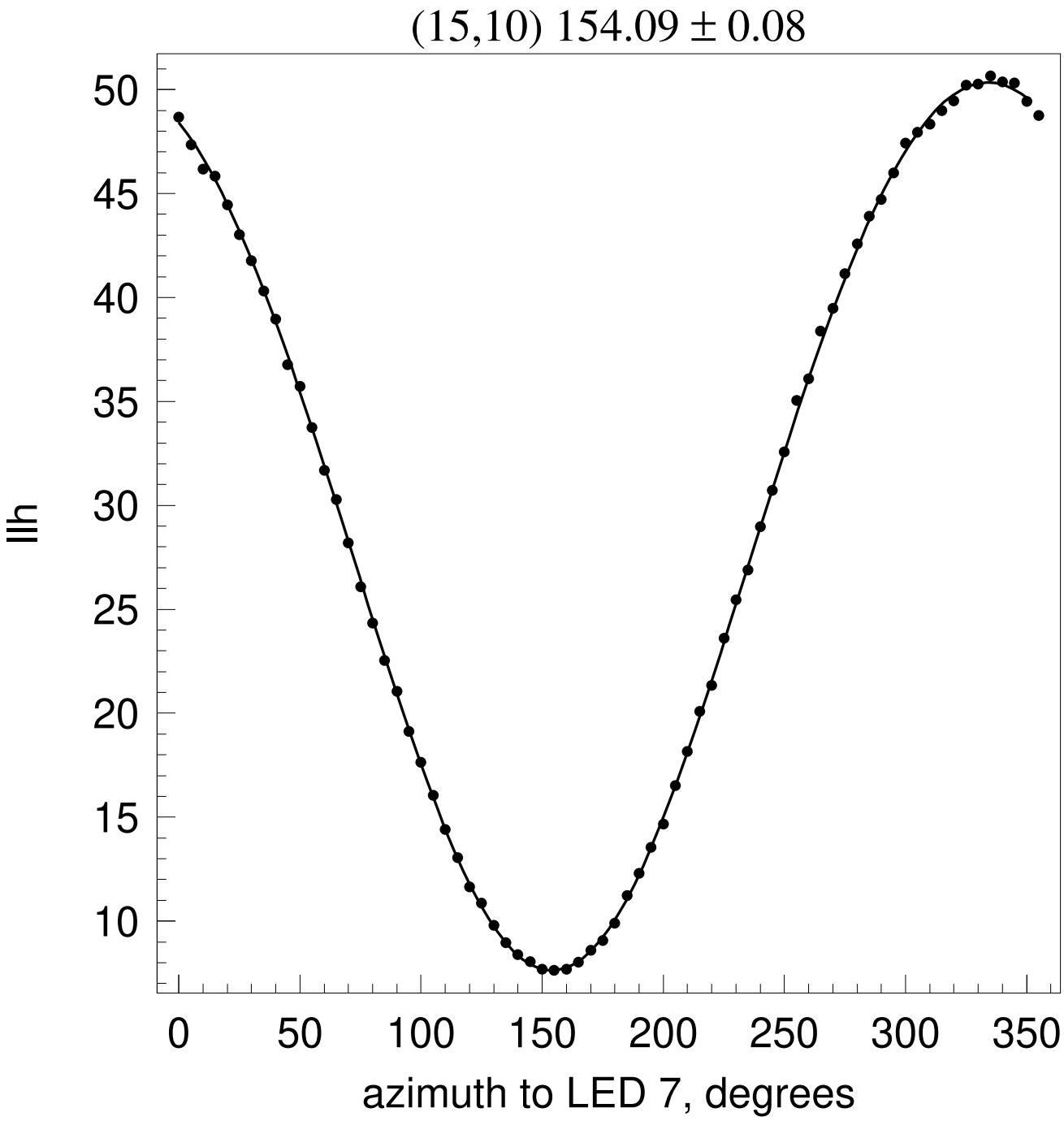

(15,5) 245.60 ± 0.88
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

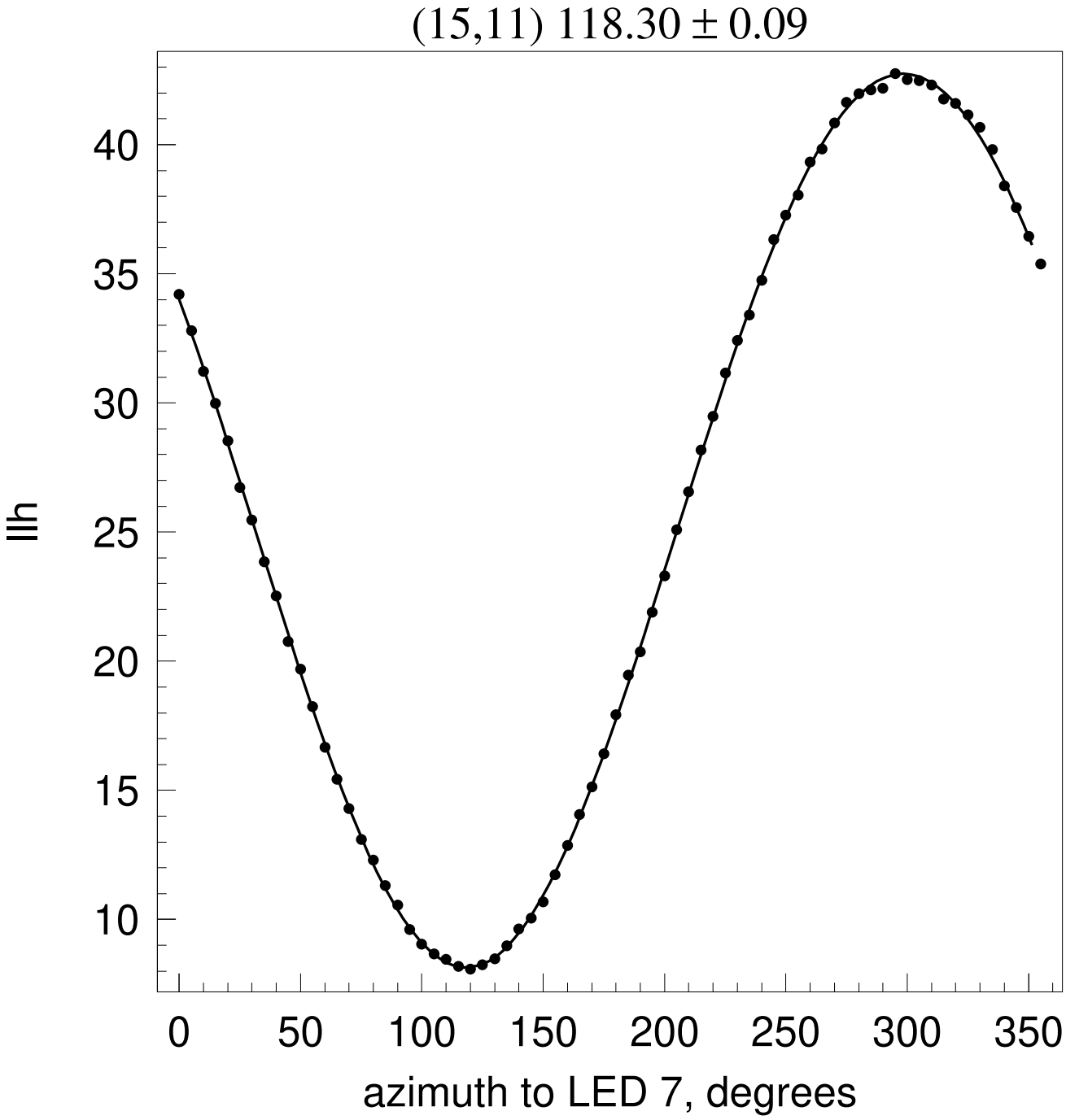

(15,6) 143.67 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

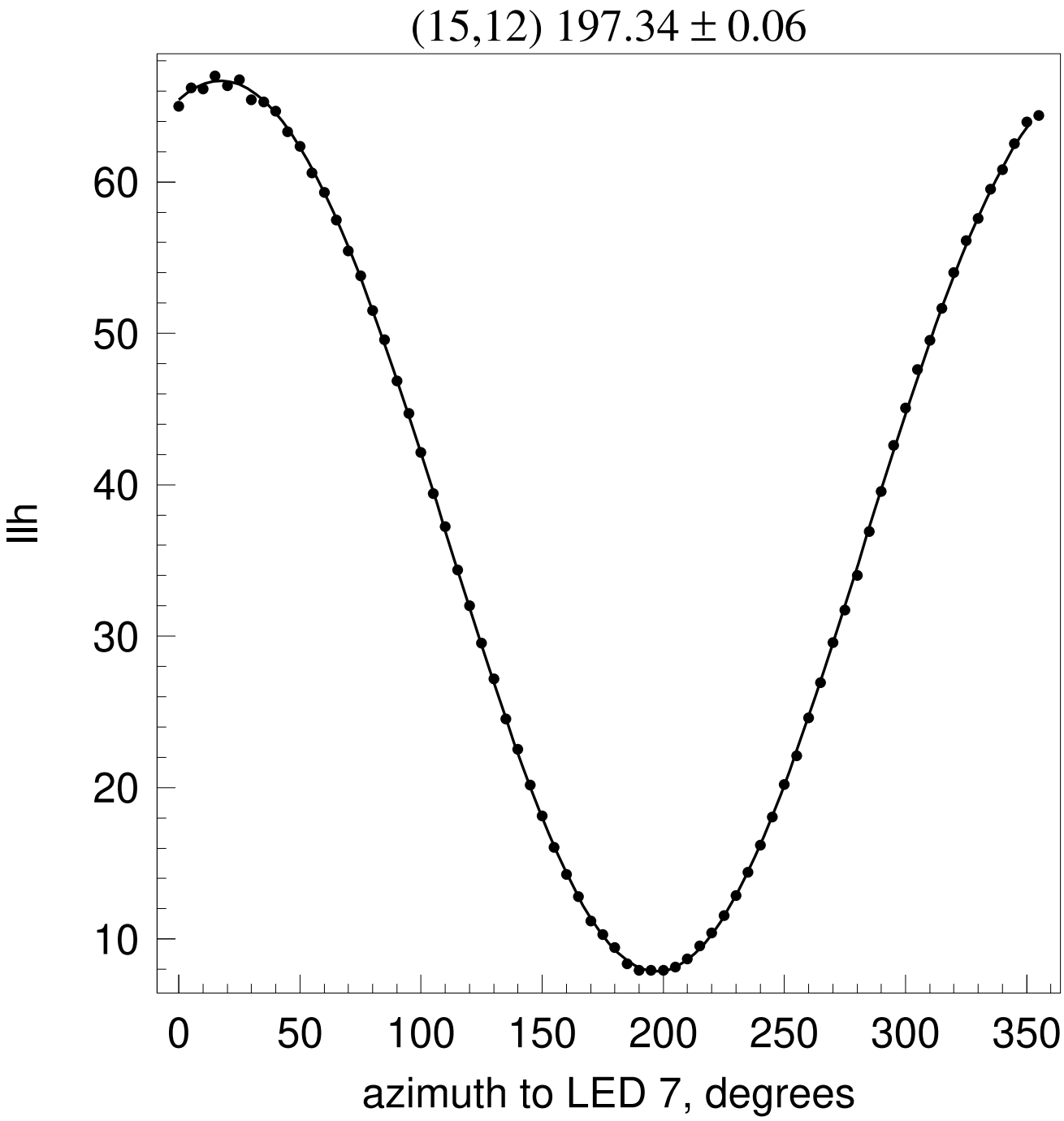

(15,7) 268.86 ± 0.25
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

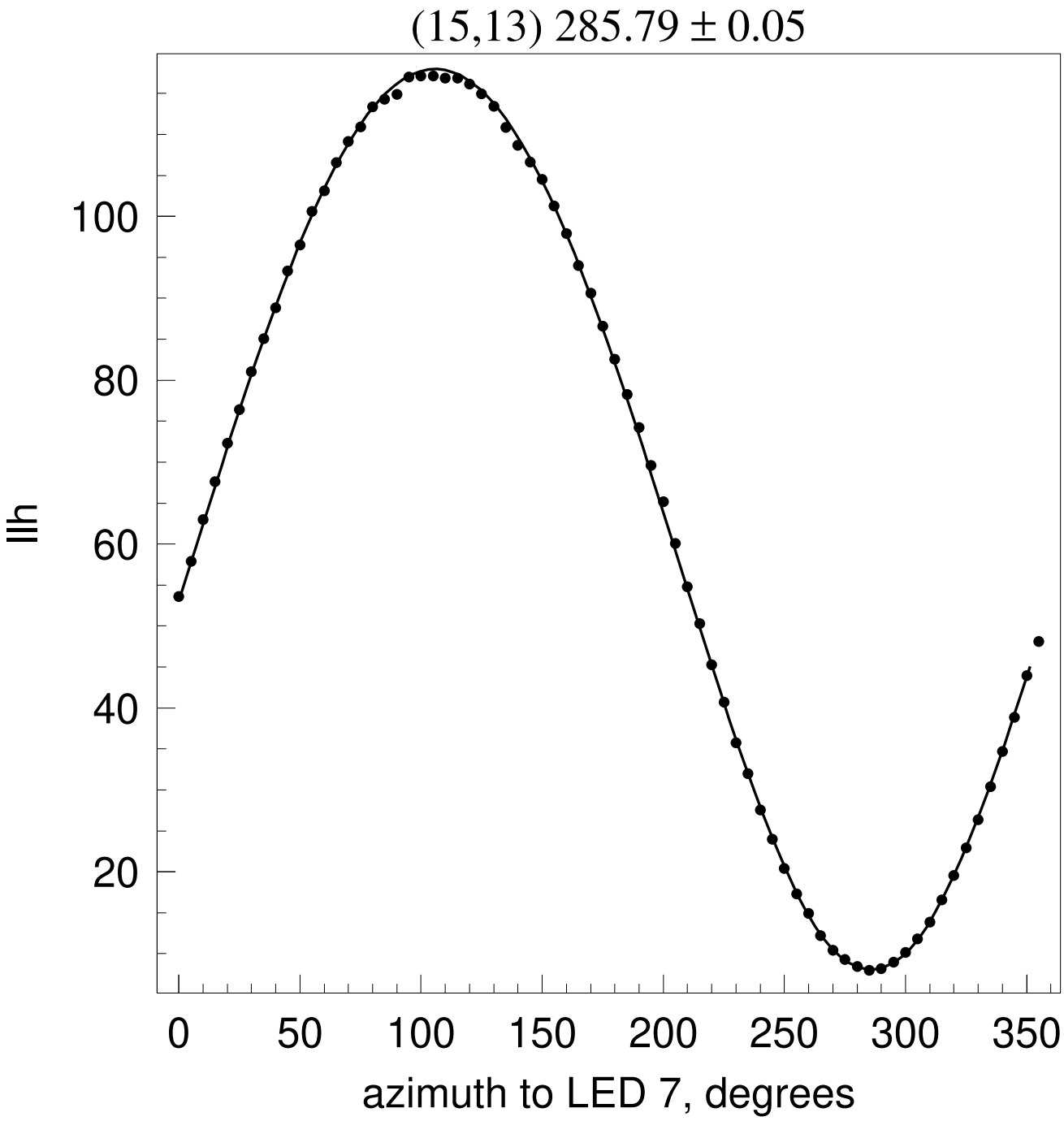

(15,8) 76.76 ± 0.17
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

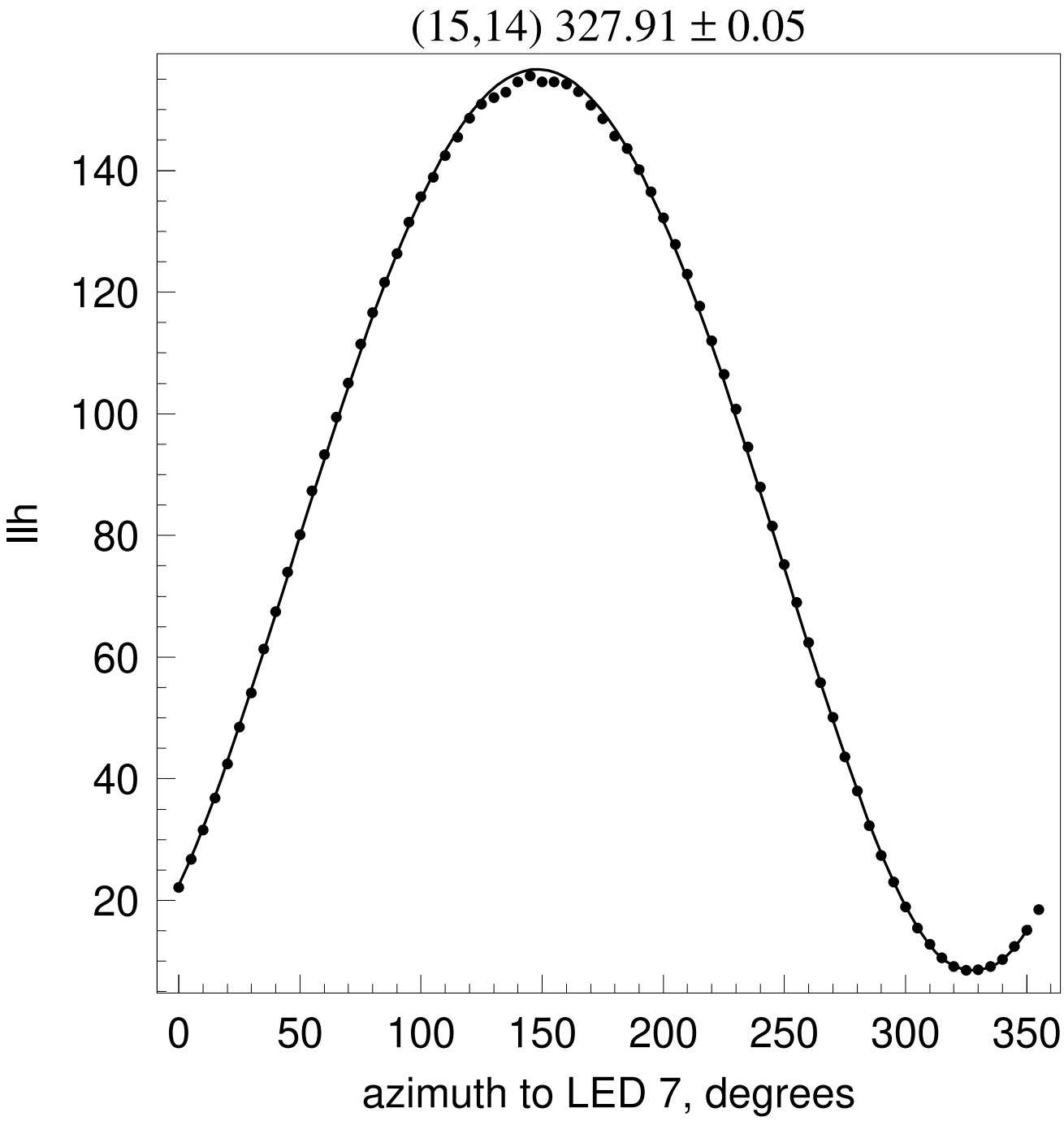

(15,9) 212.69 ± 0.20
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

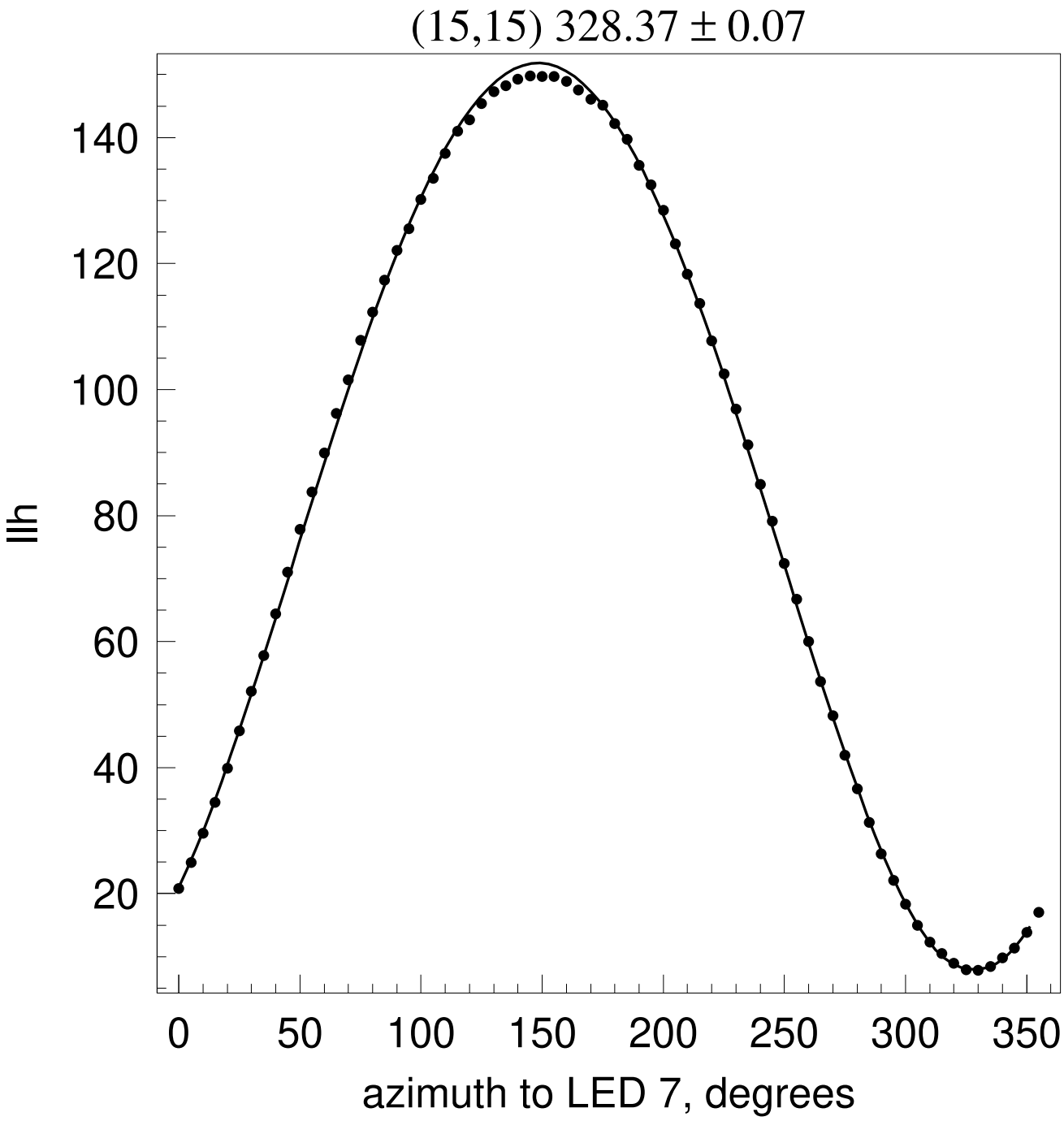

(15,10) 154.09 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

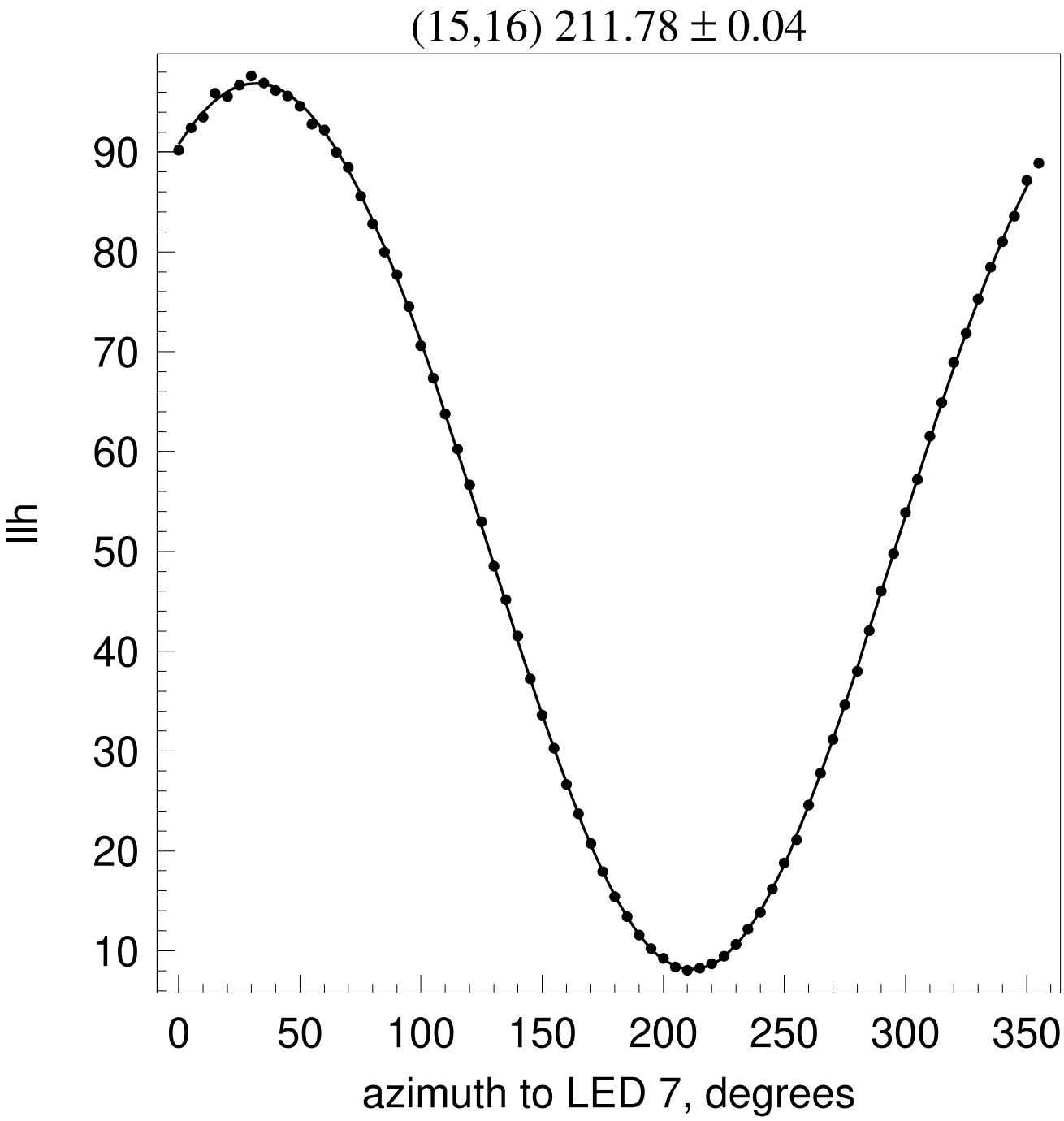

(15,11) 118.30 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

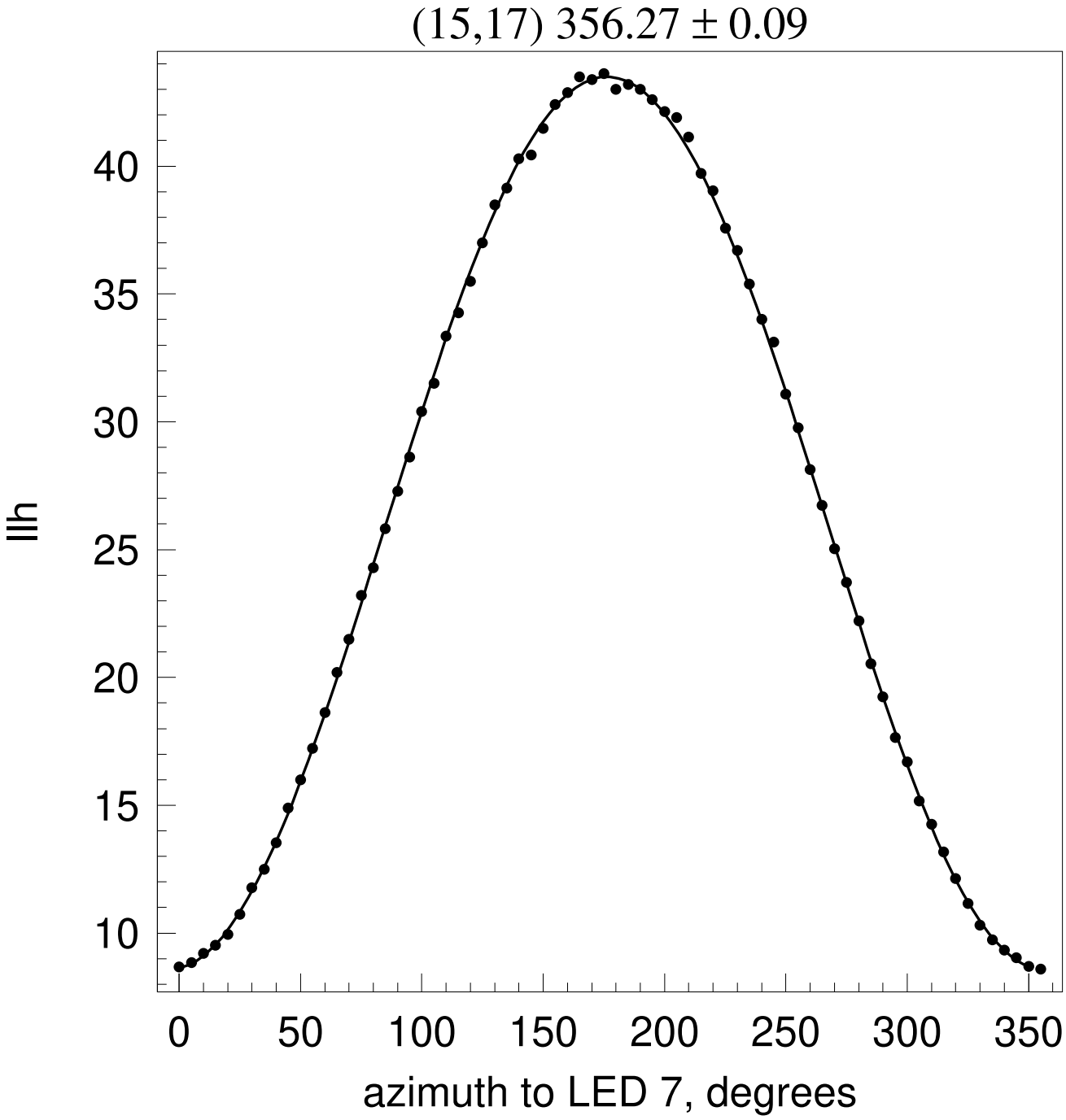

(15,12) 197.34 ± 0.06
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

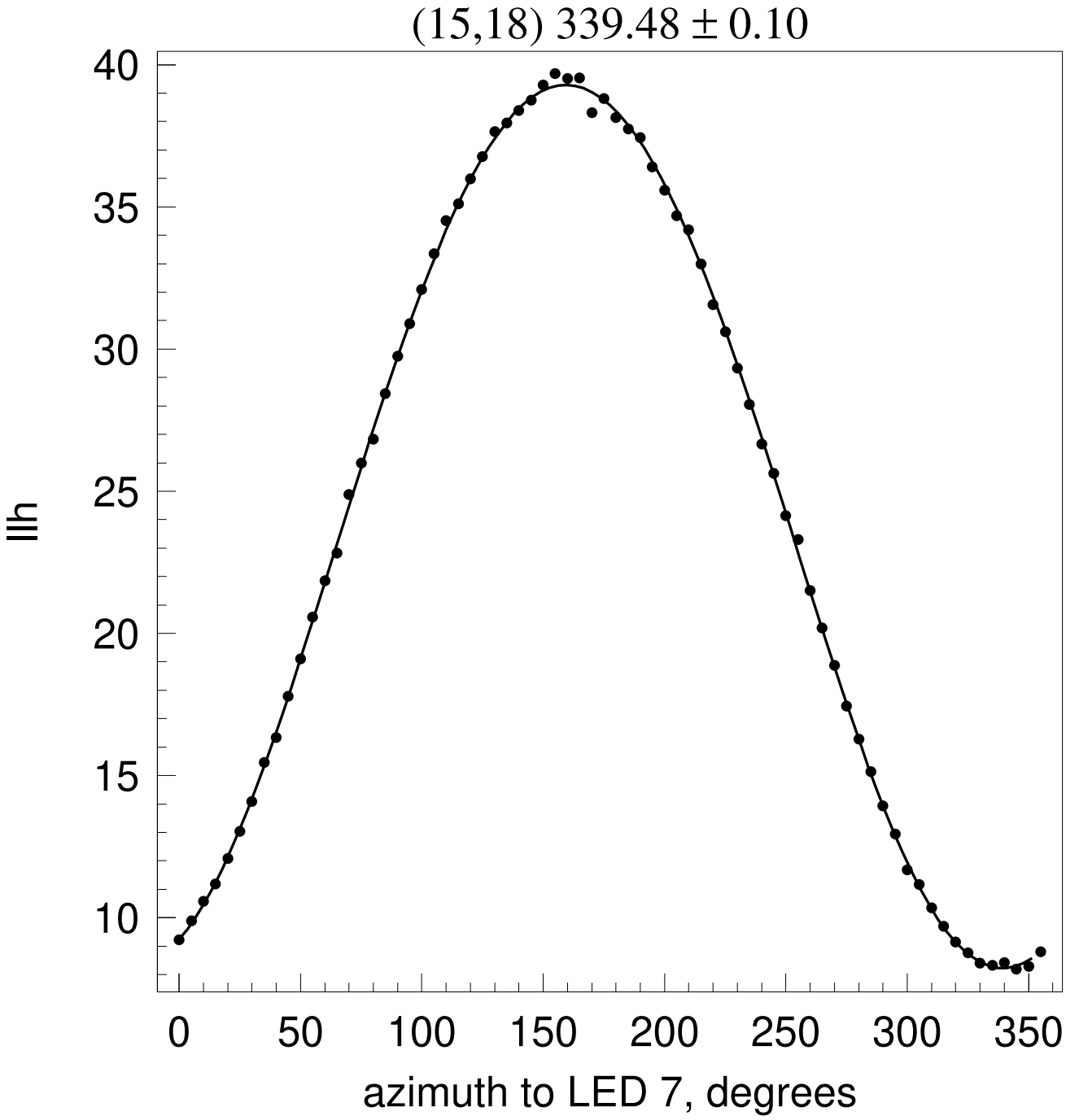

(15,13) 285.79 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

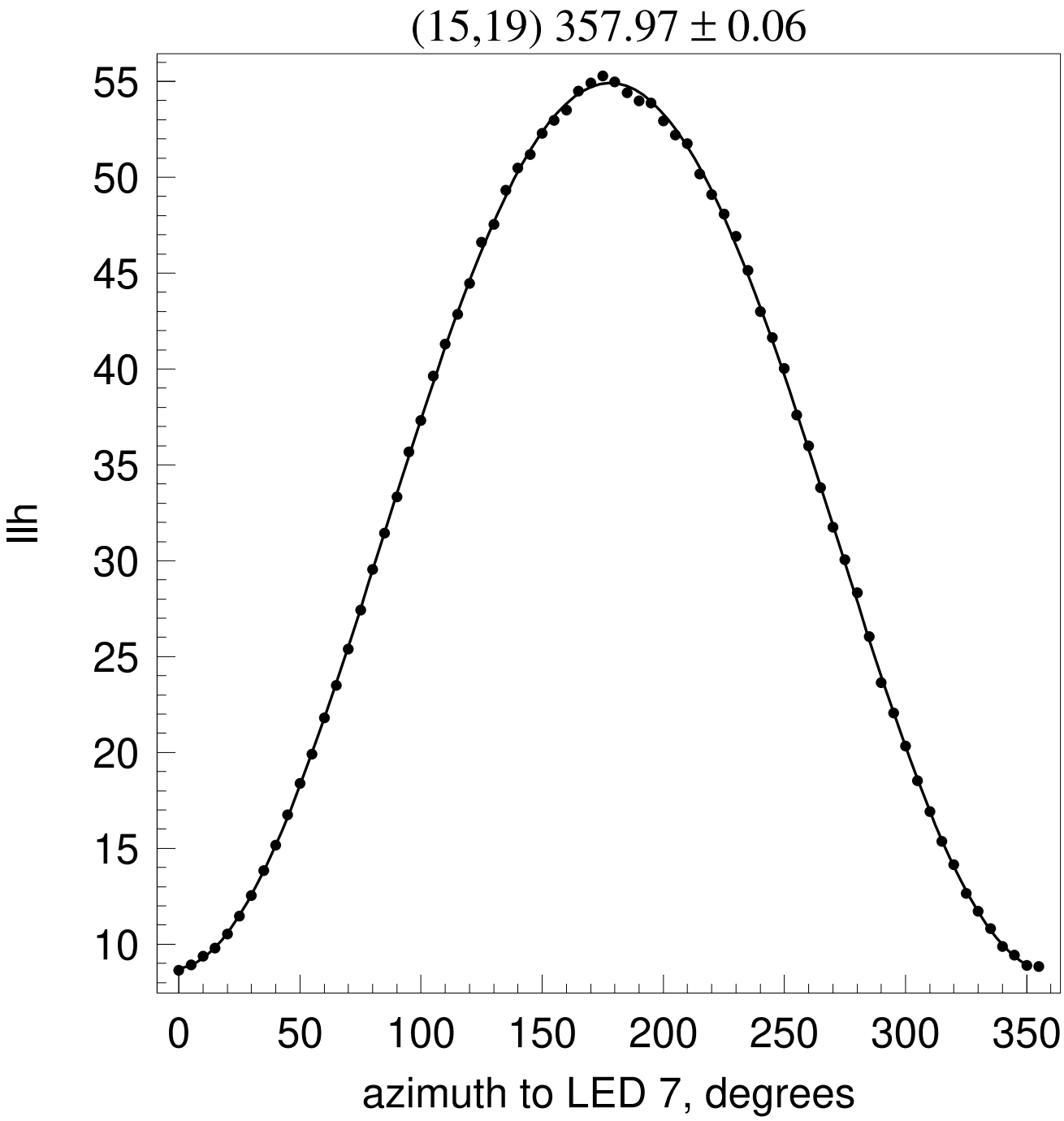

(15,14) 327.91 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

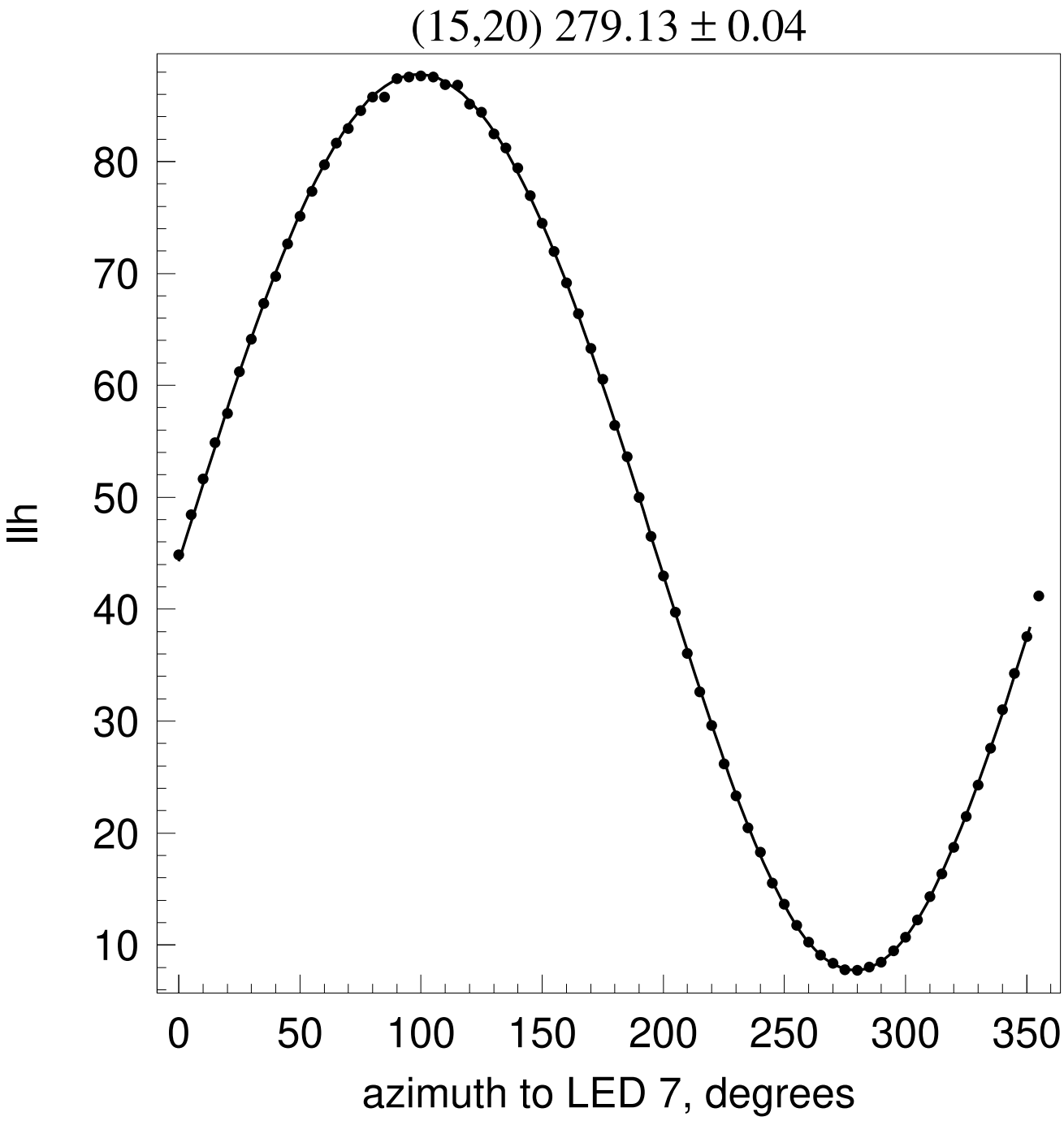

(15,15) 328.37 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

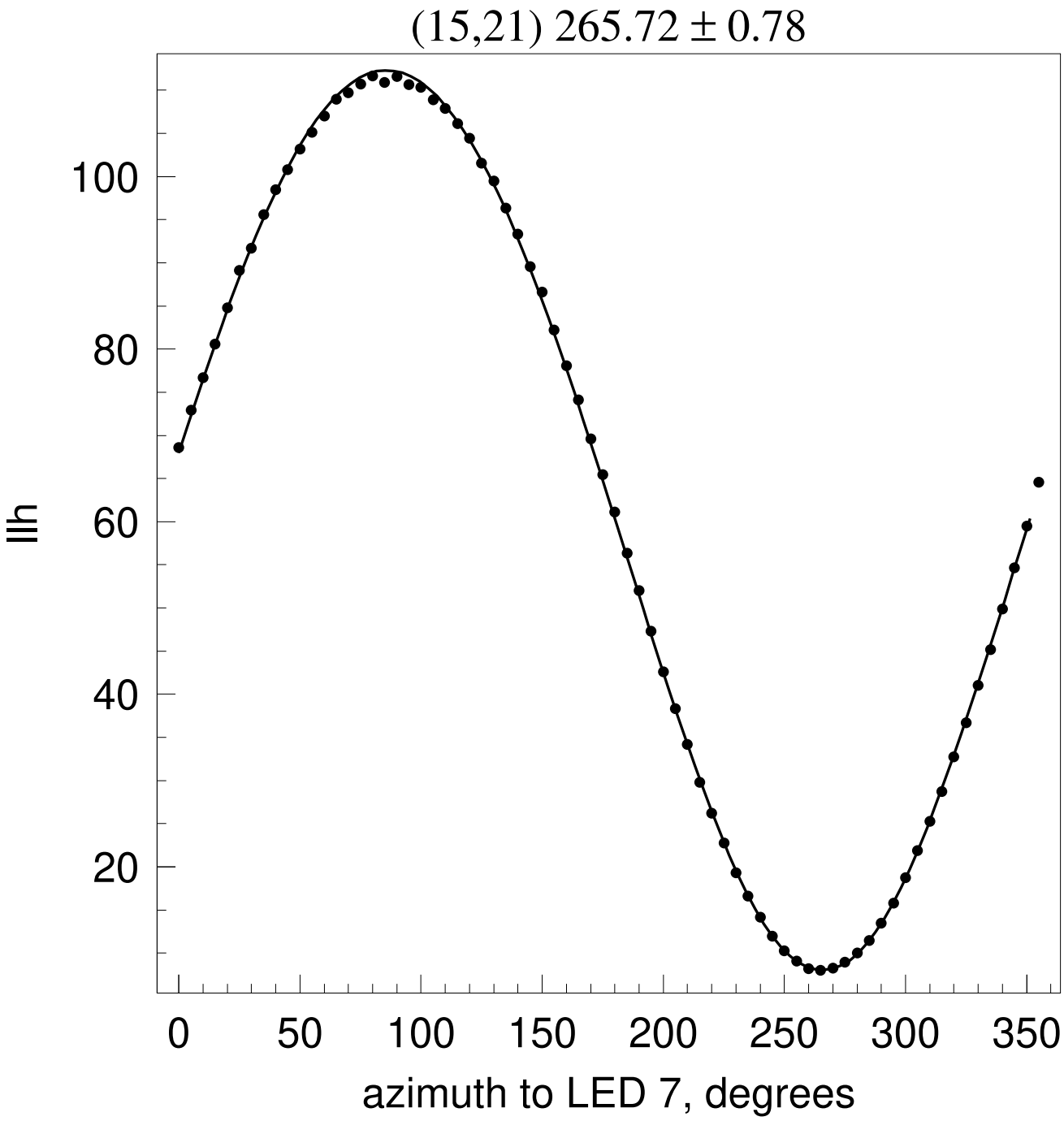

(15,16) 211.78 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

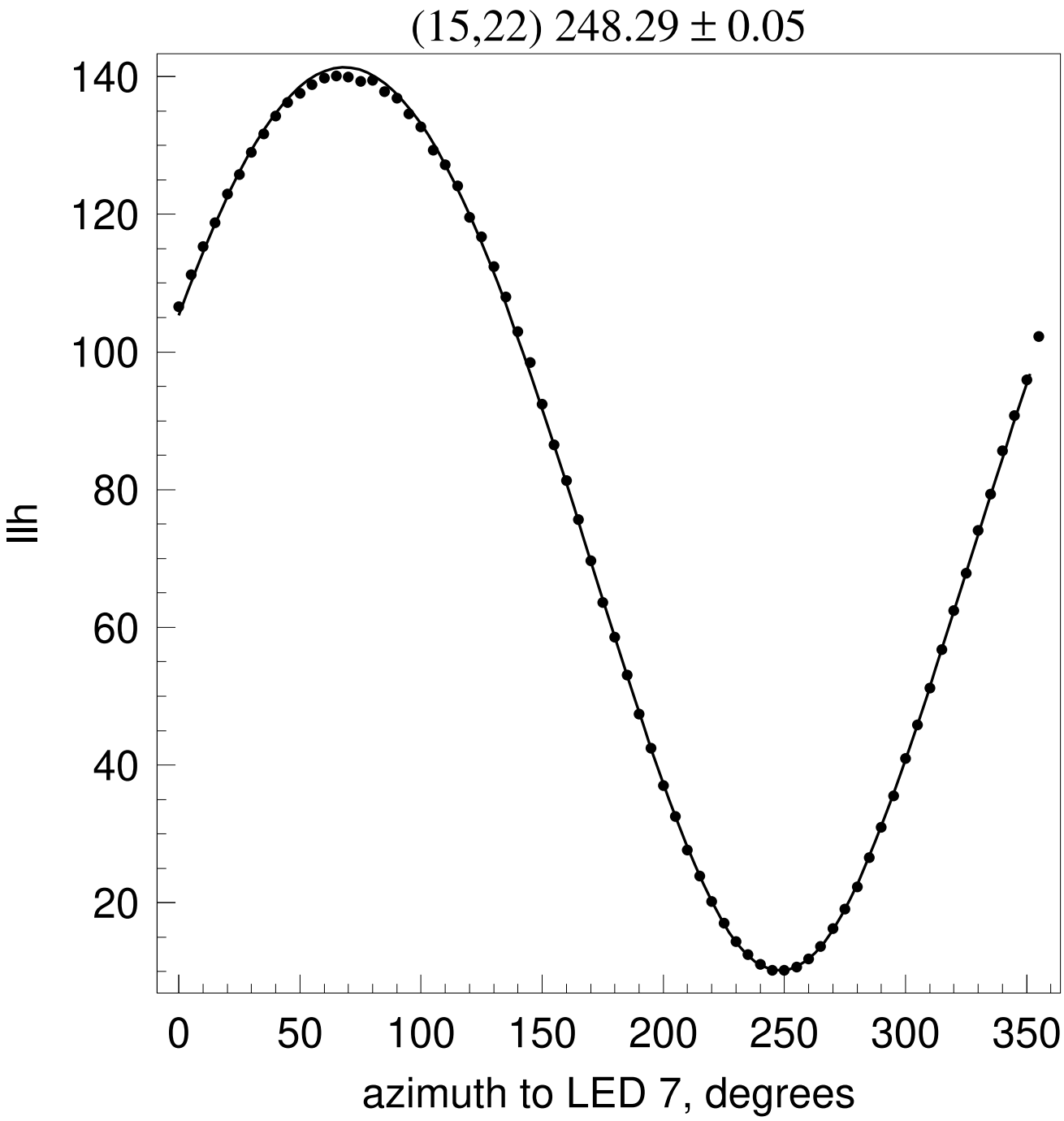

(15,17) 356.27 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

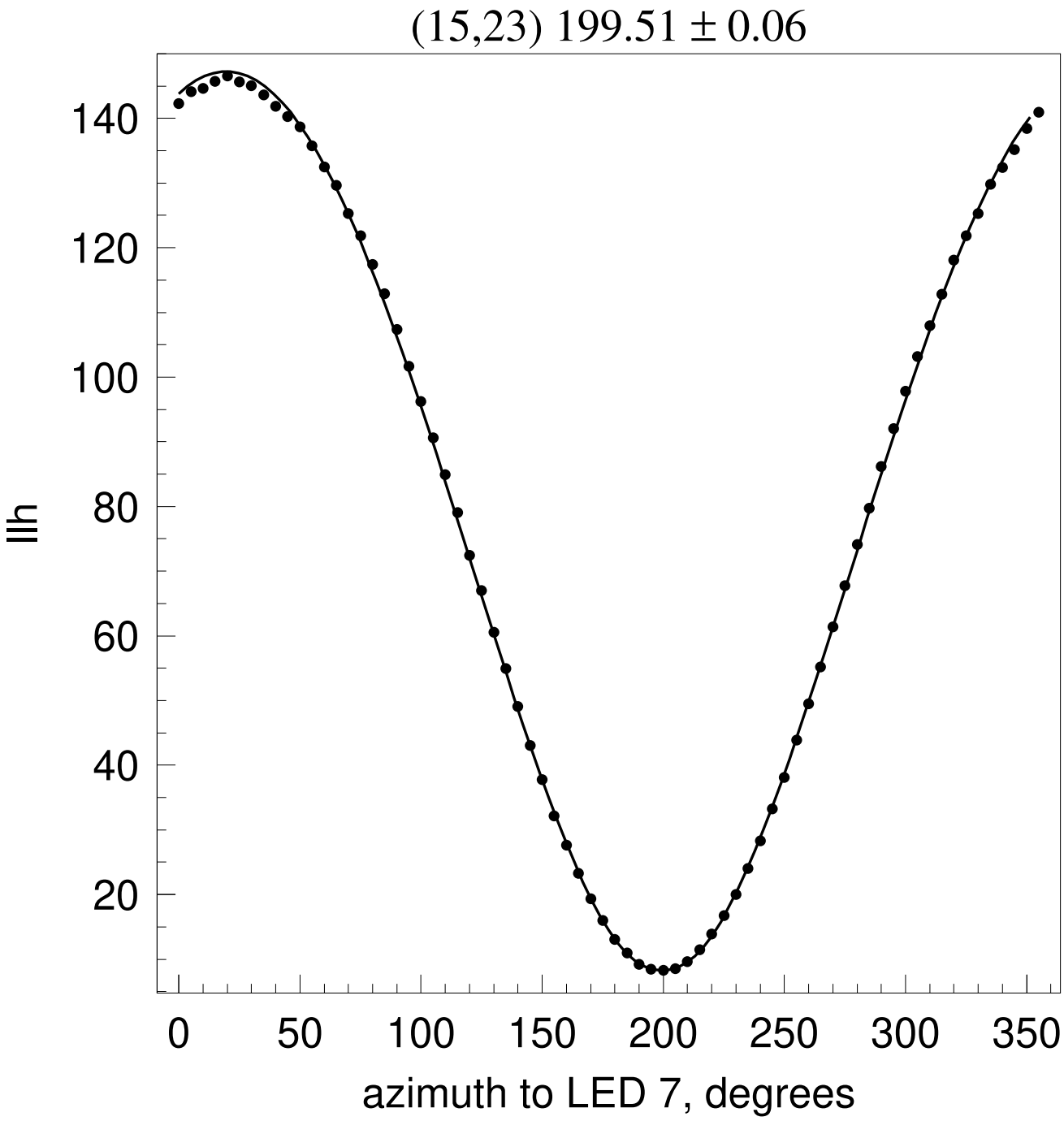

(15,18) 339.48 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

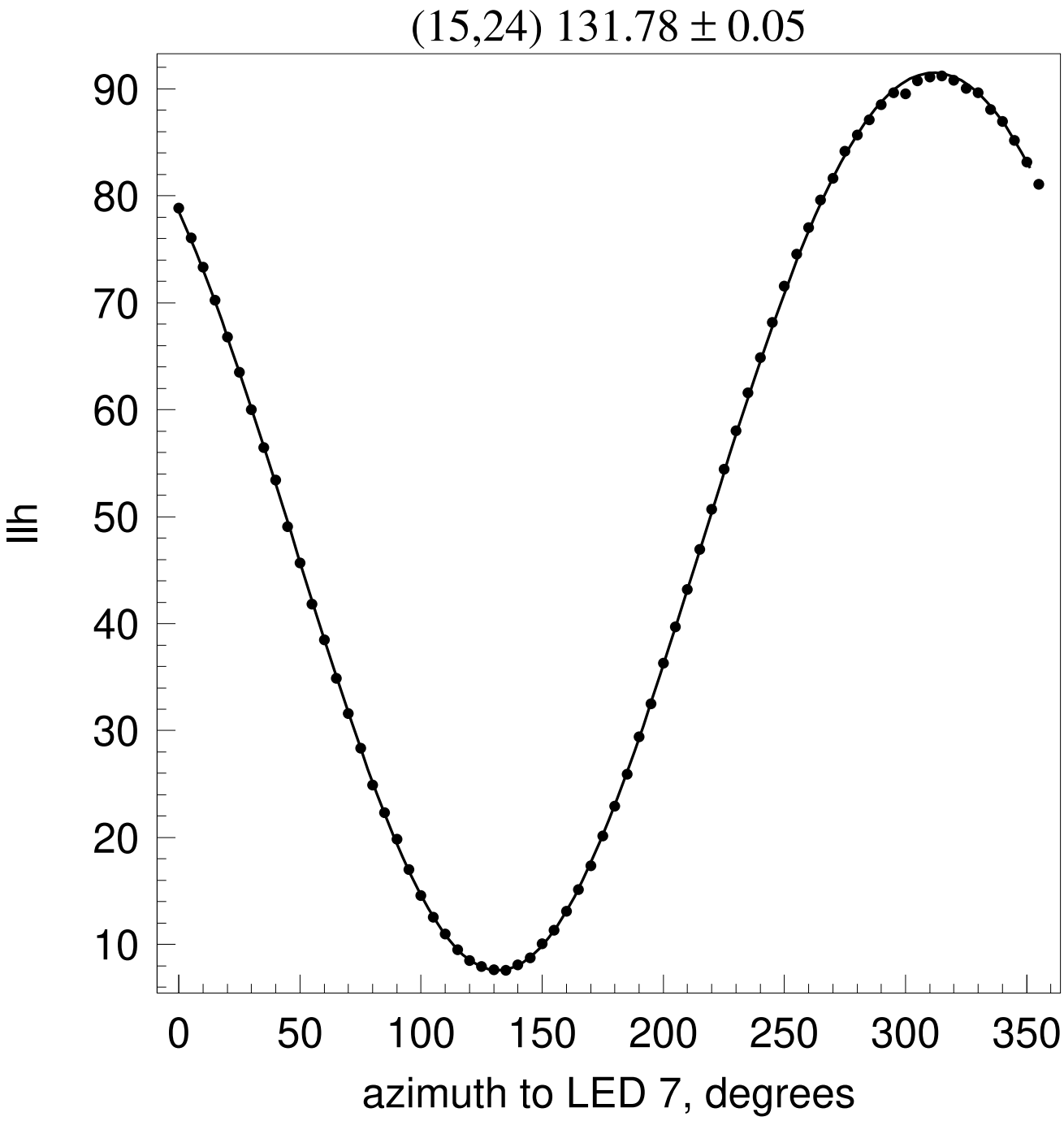

(15,19) 357.97 ± 0.06
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

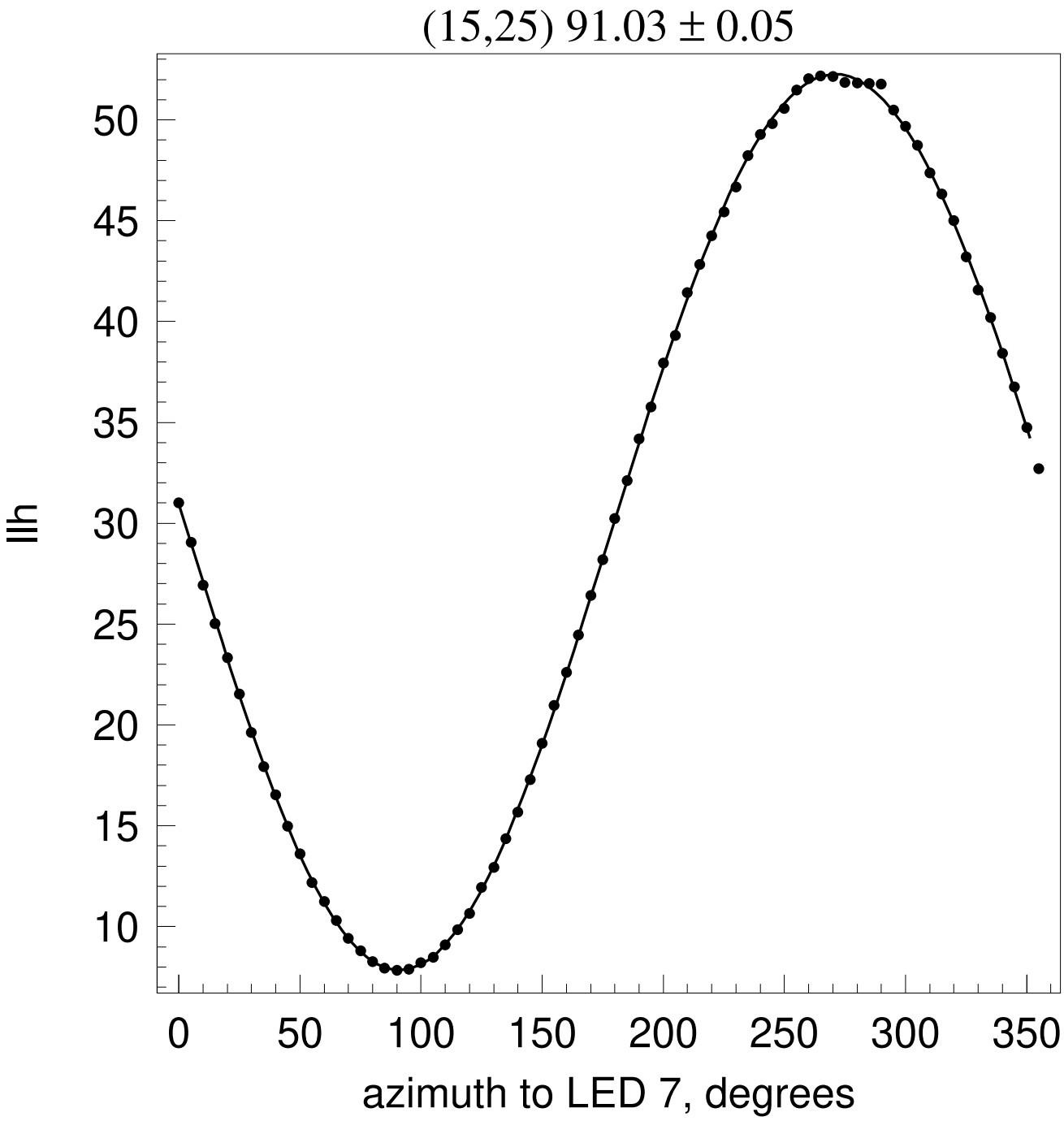

(15,20) 279.13 ± 0.04
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

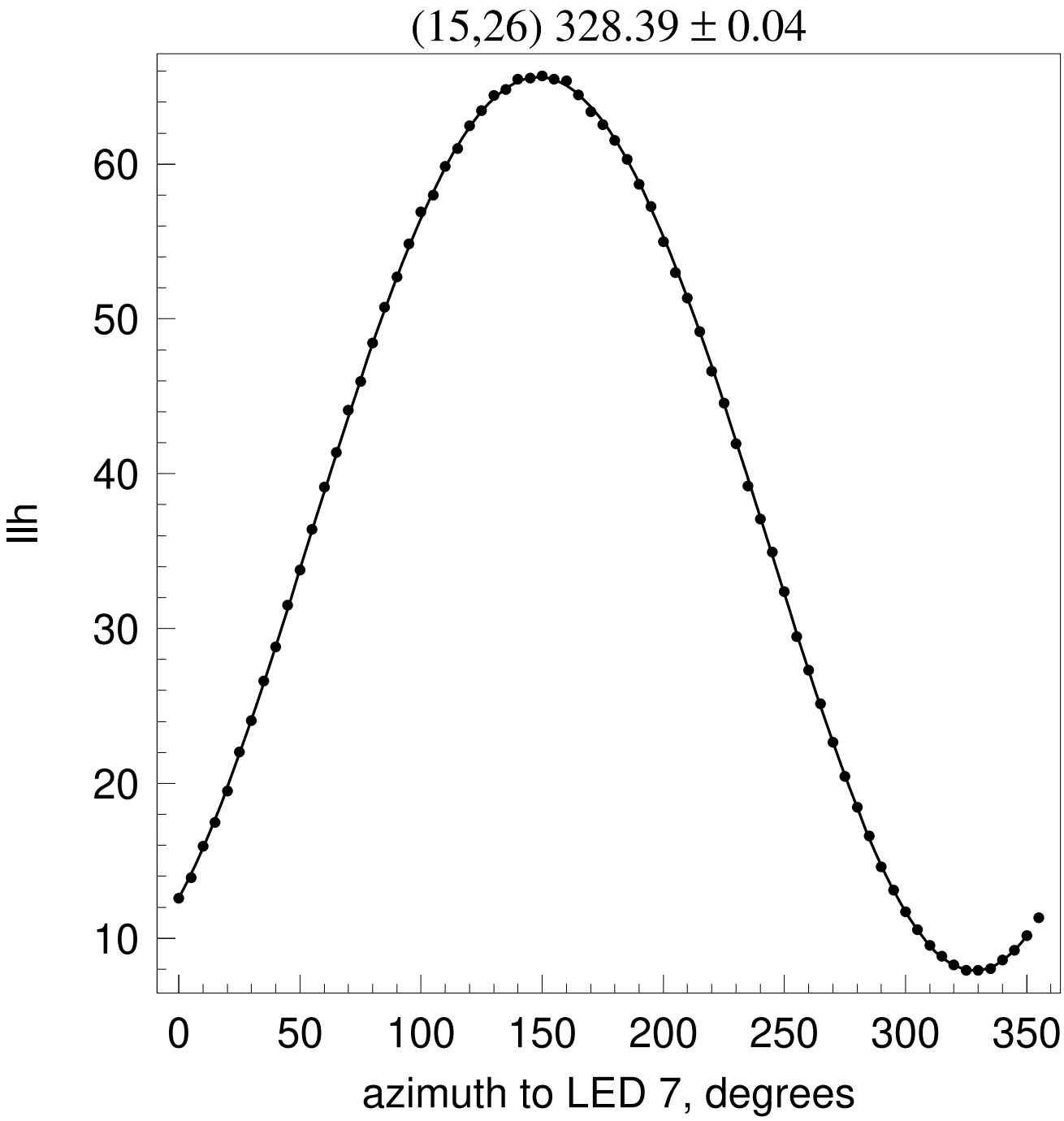

(15,21) 265.72 ± 0.78
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

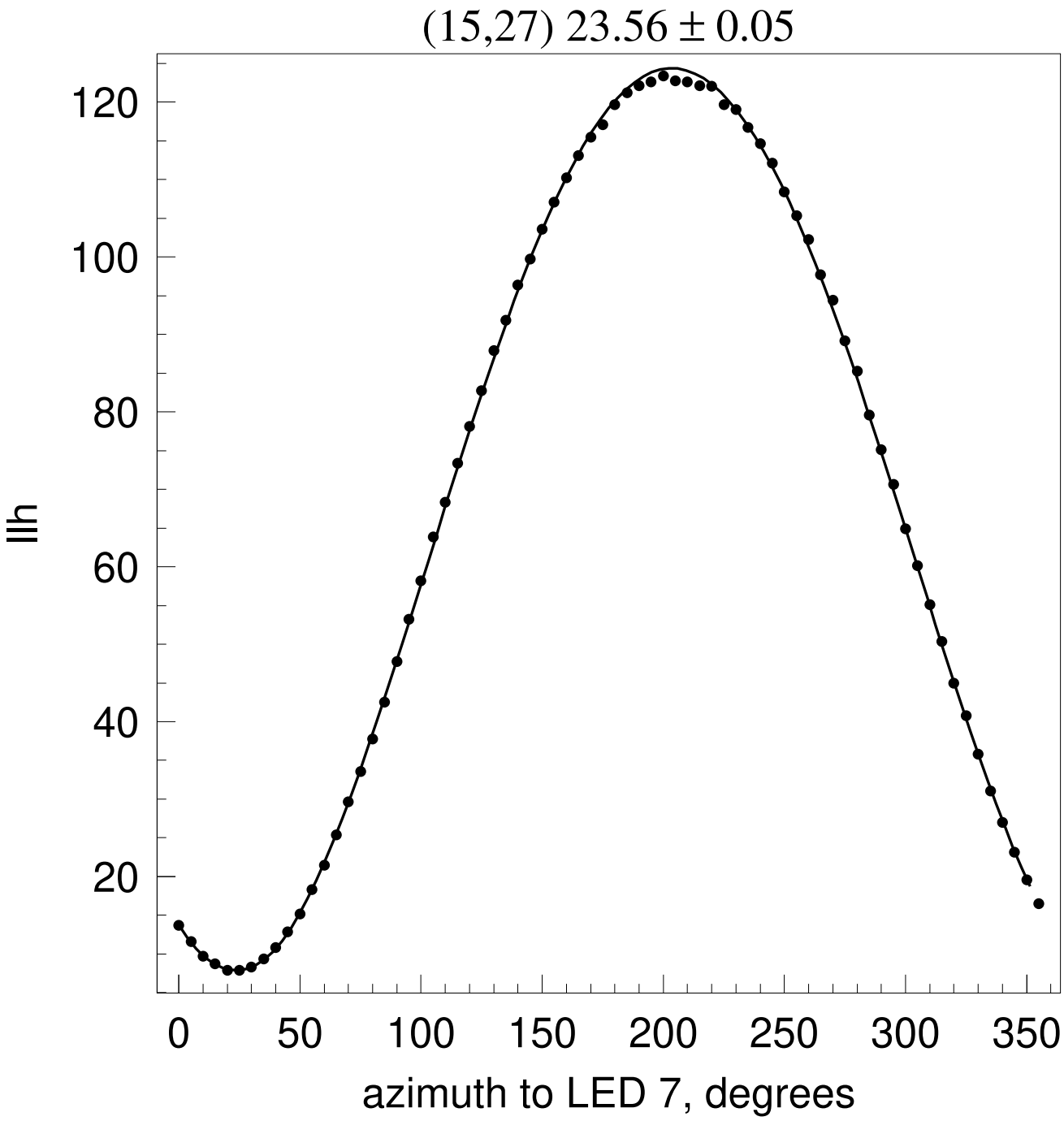

(15,22) 248.29 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

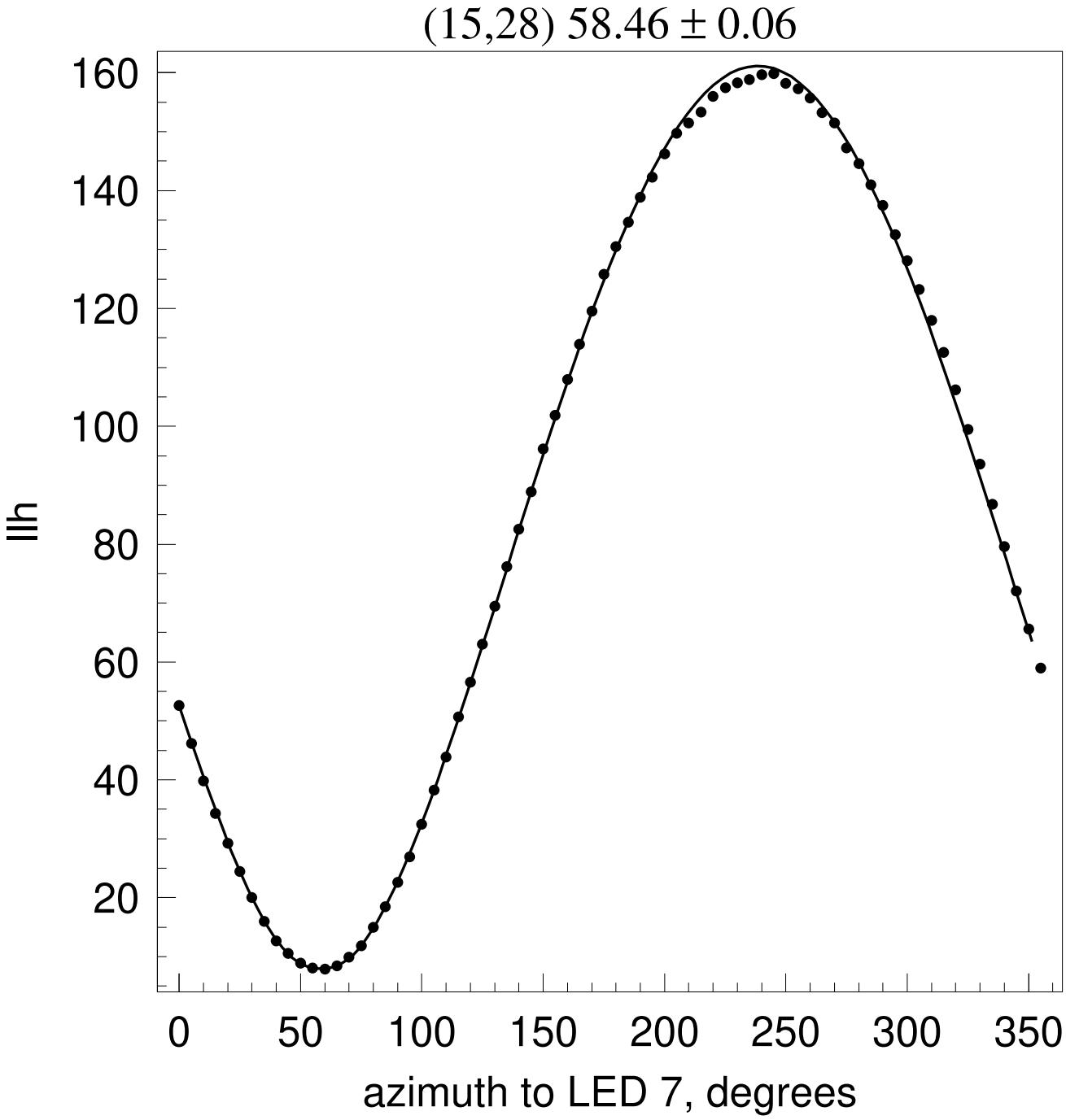

(15,23) 199.51 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

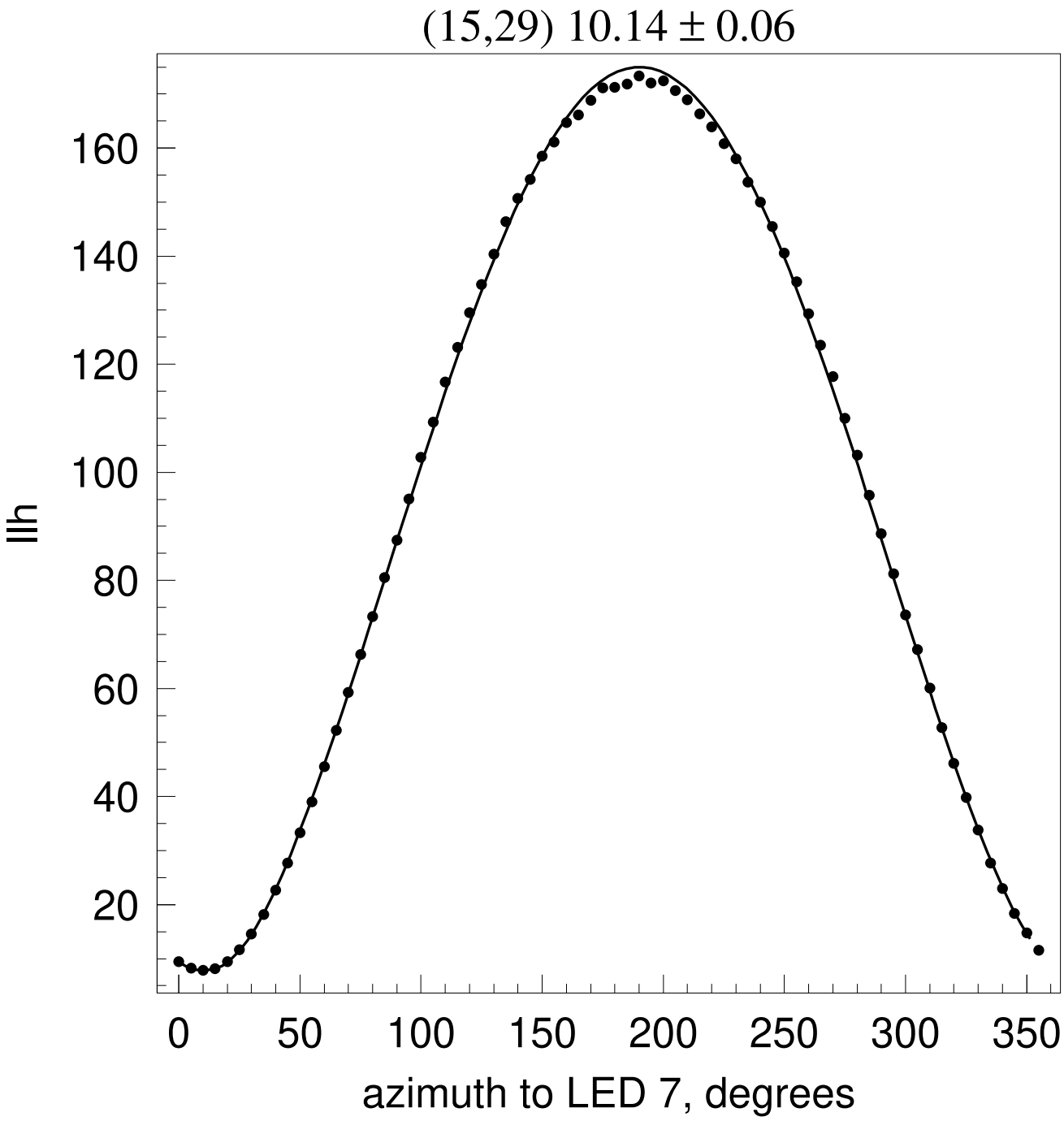

(15,24) 131.78 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

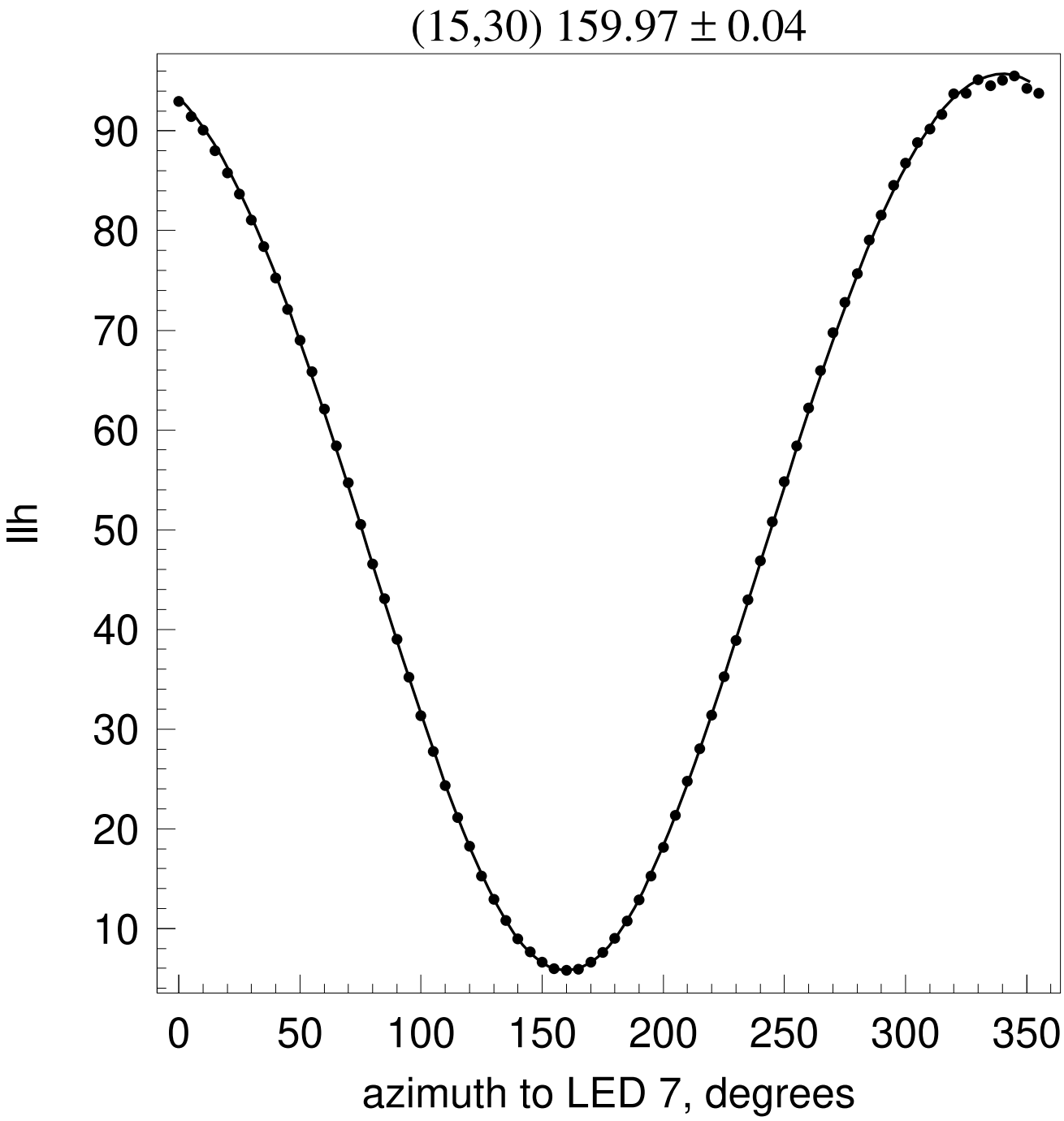

(15,25) 91.03 ± 0.05
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

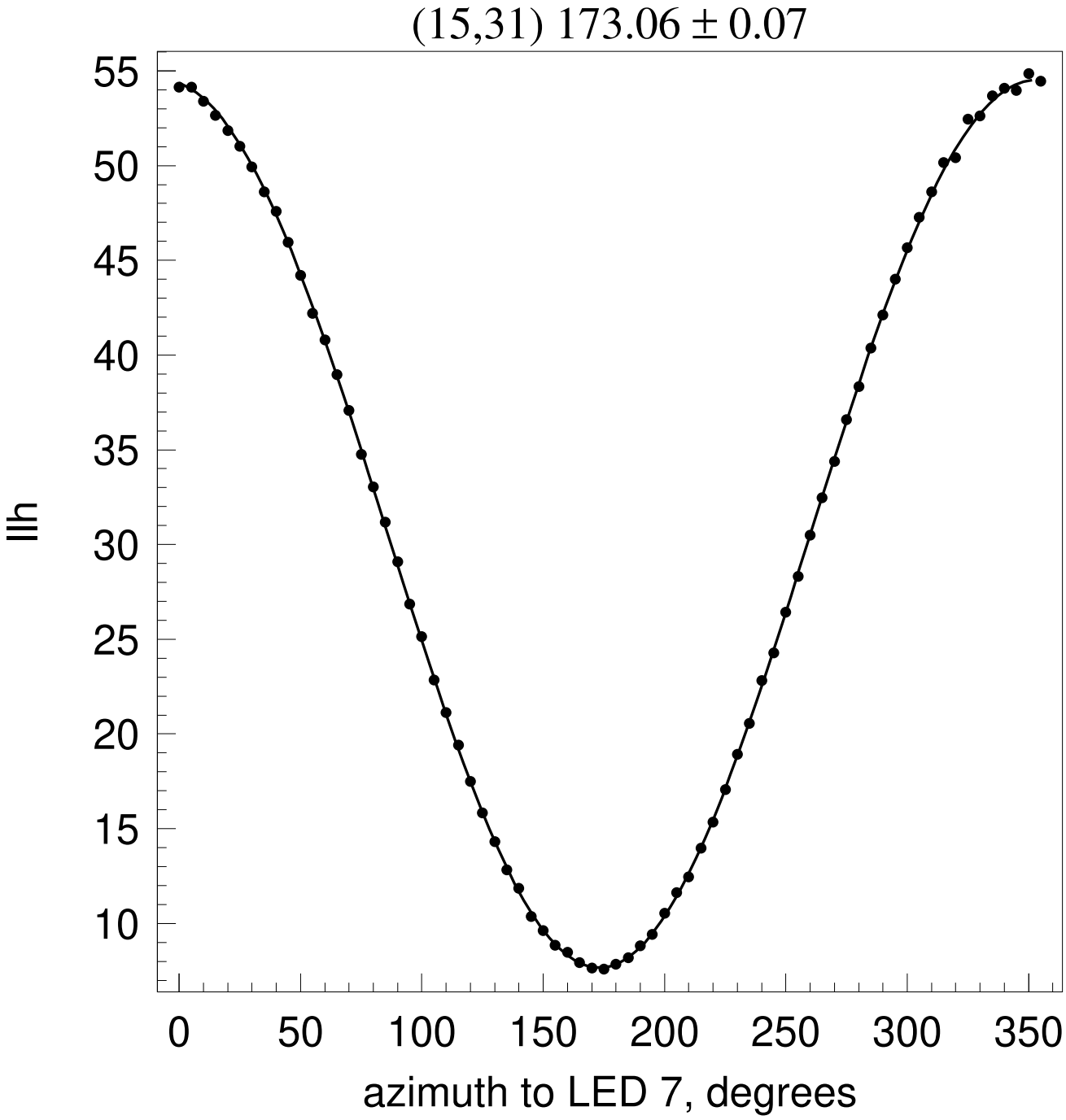

(15,26) 328.39 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

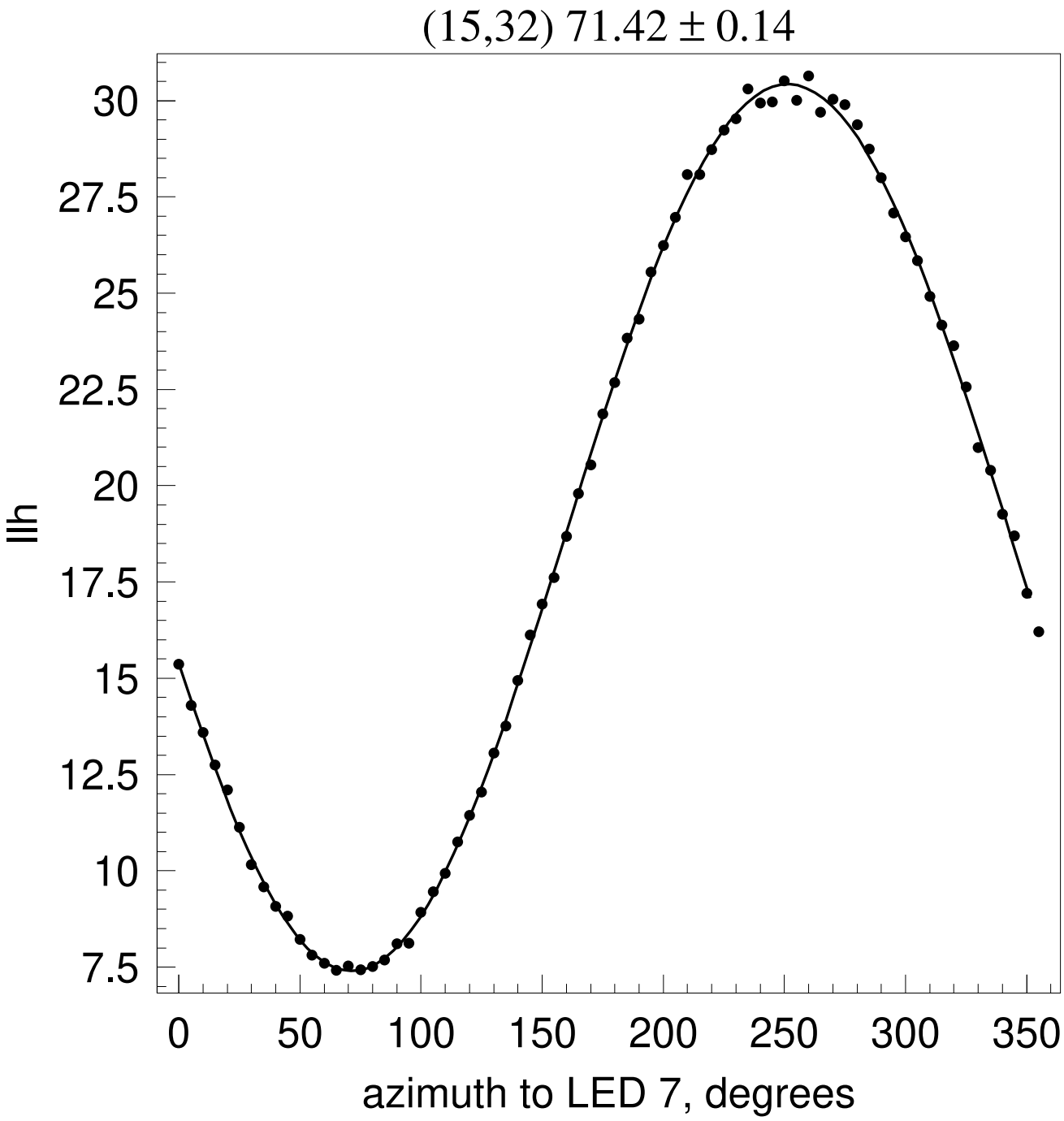

(15,27) 23.56 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

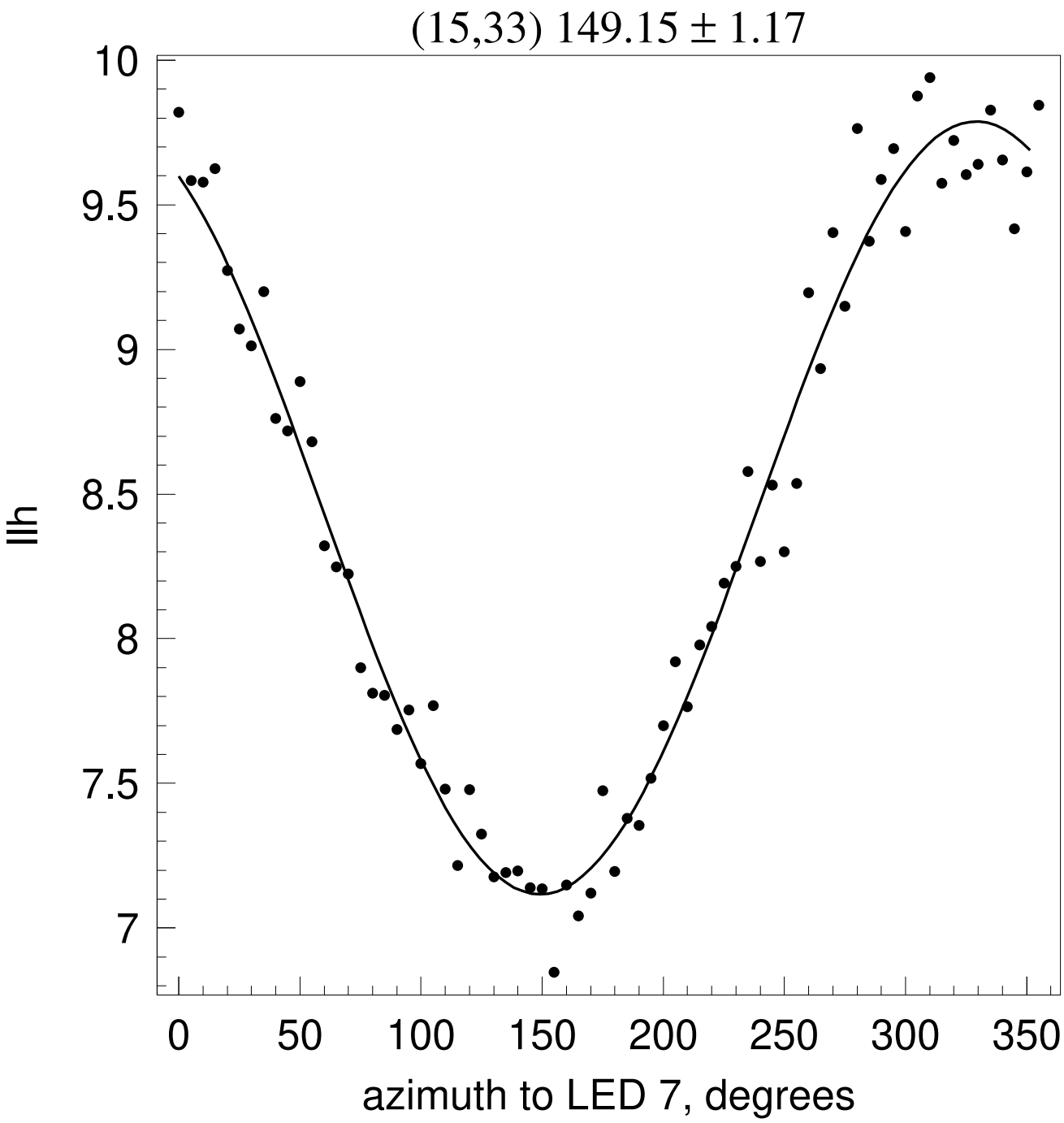

(15,28) 58.46 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

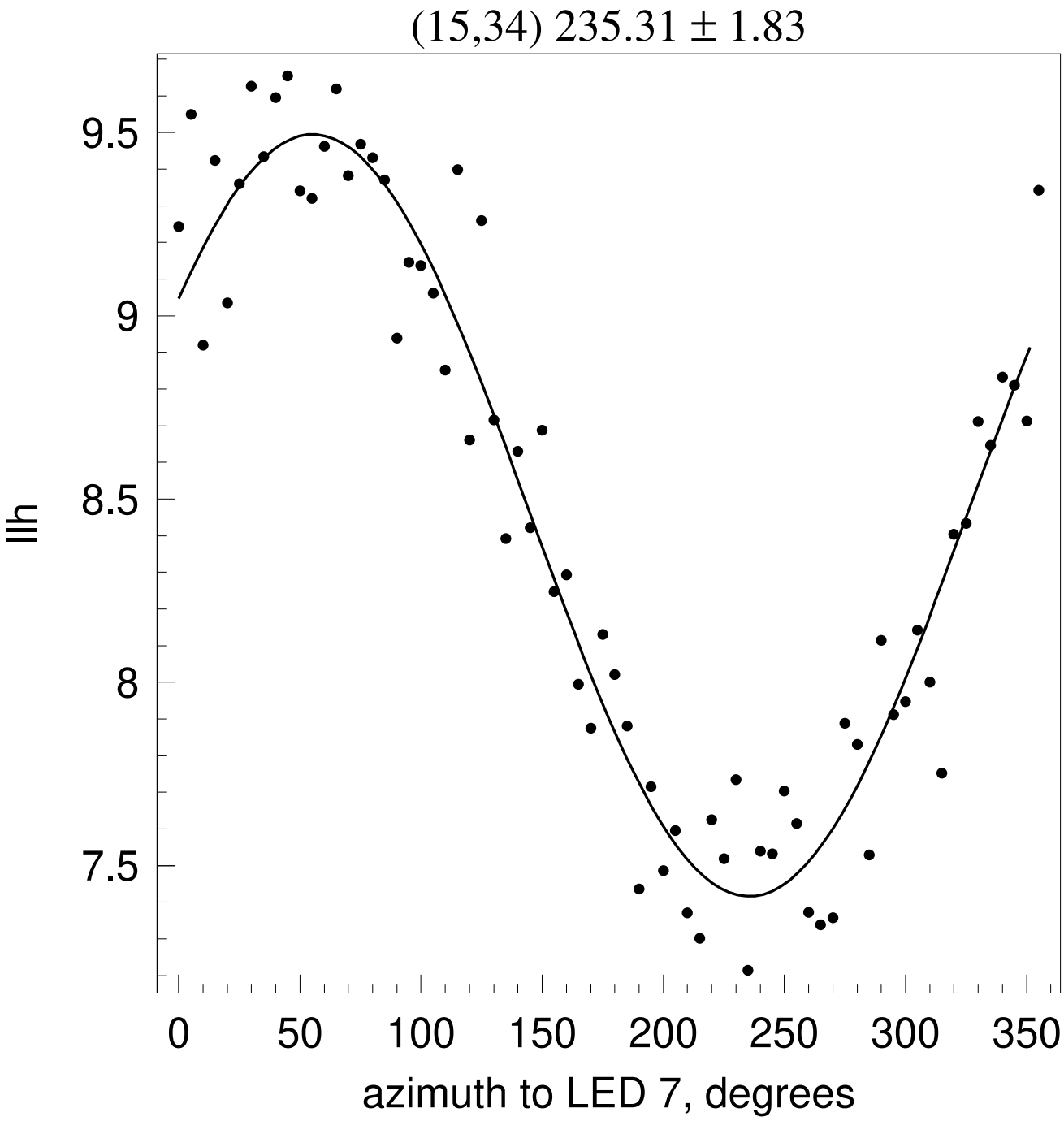

(15,29) 10.14 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

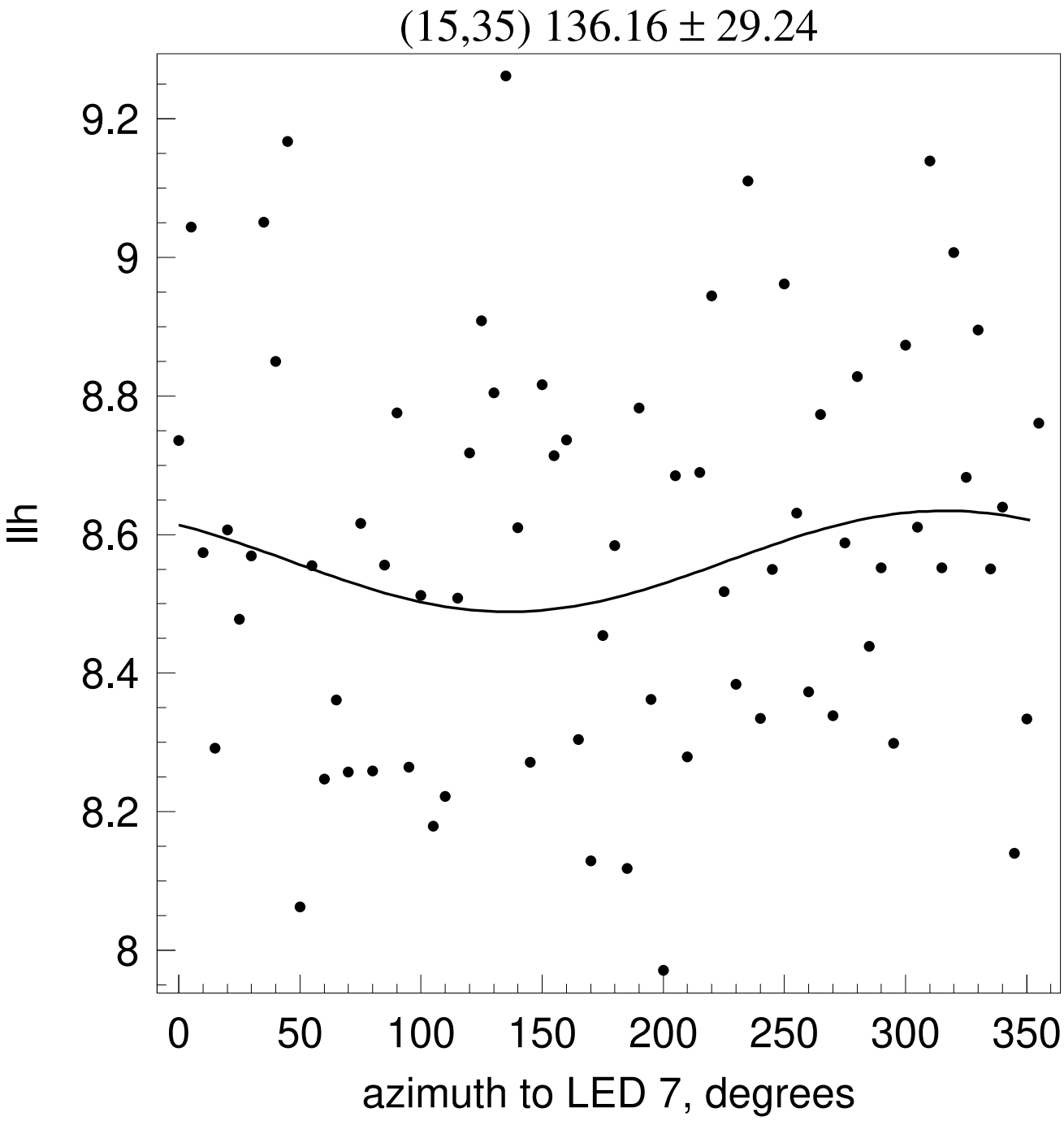

(15,30) 159.97 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

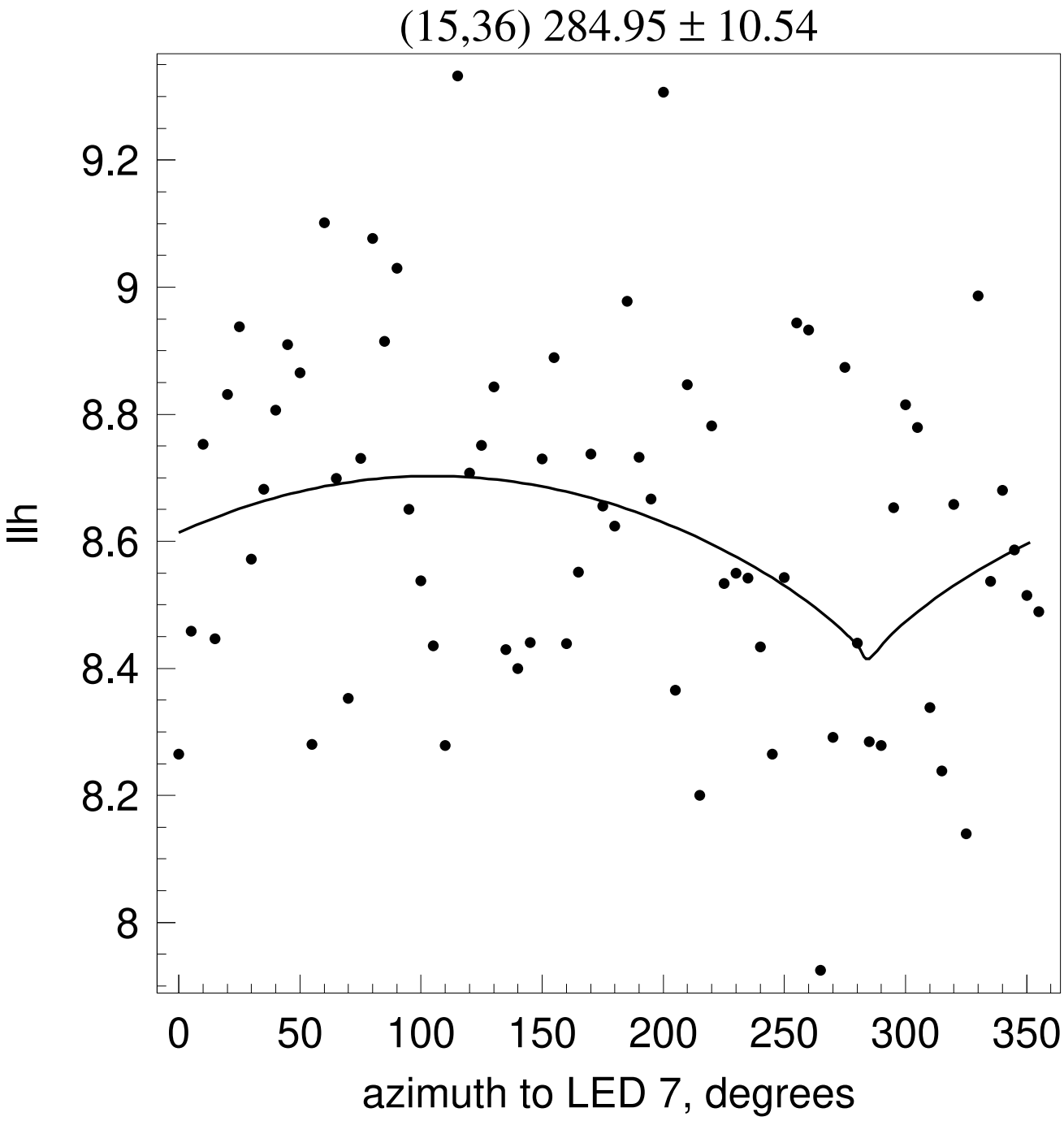

(15,31) 173.06 ± 0.07
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

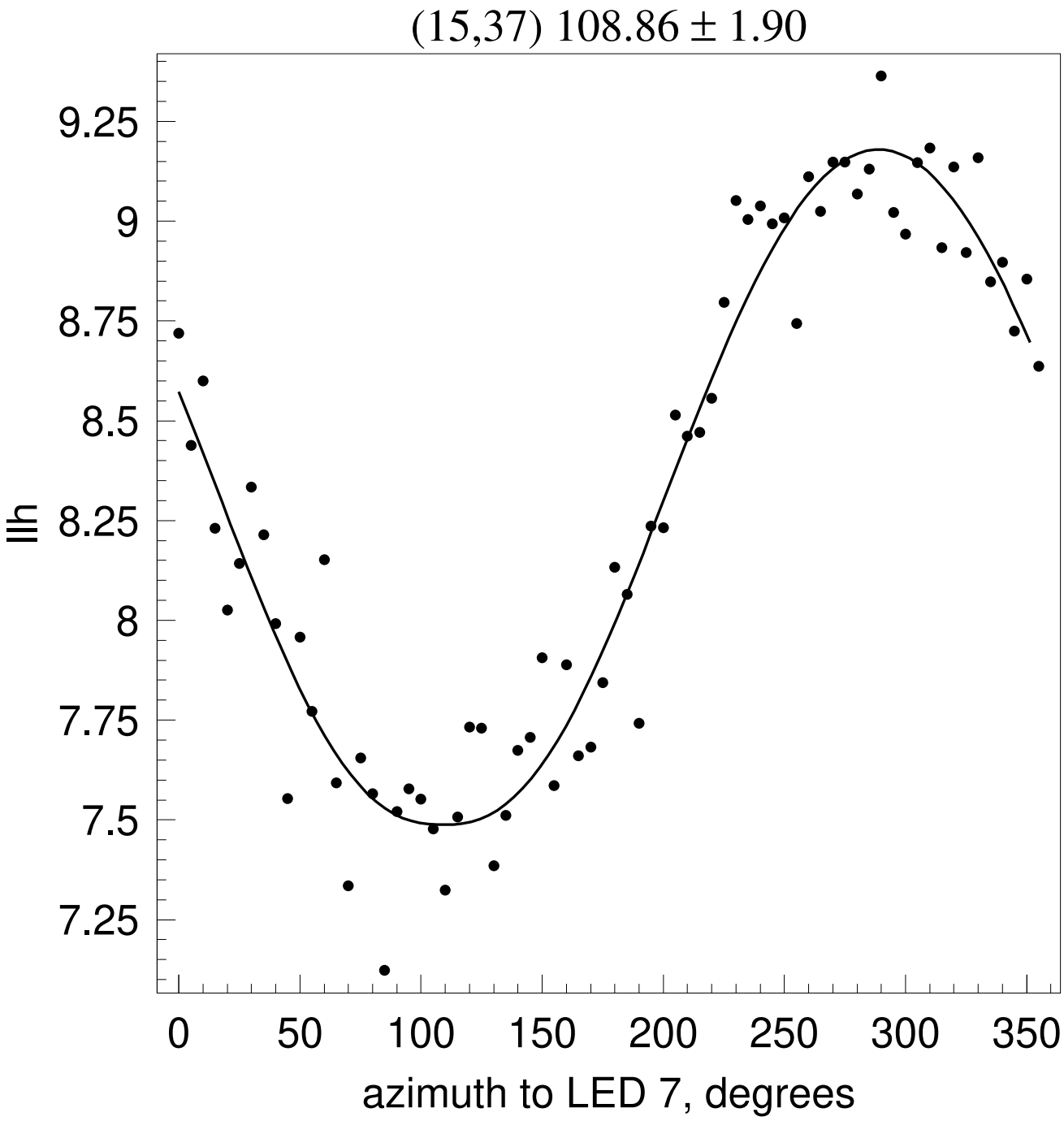

(15,32) 71.42 ± 0.14
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

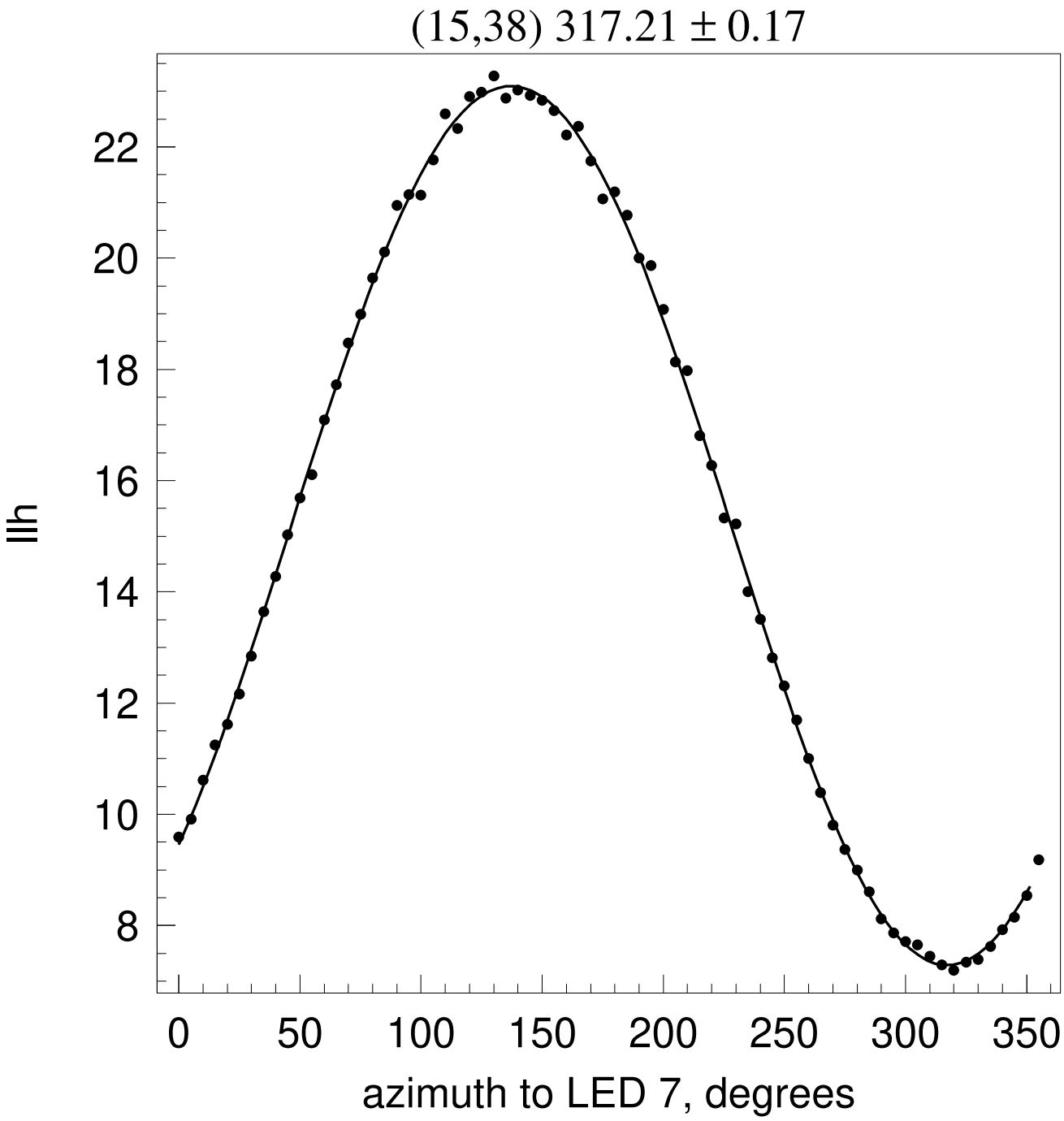

(15,33) 149.15 ± 1.17
10
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

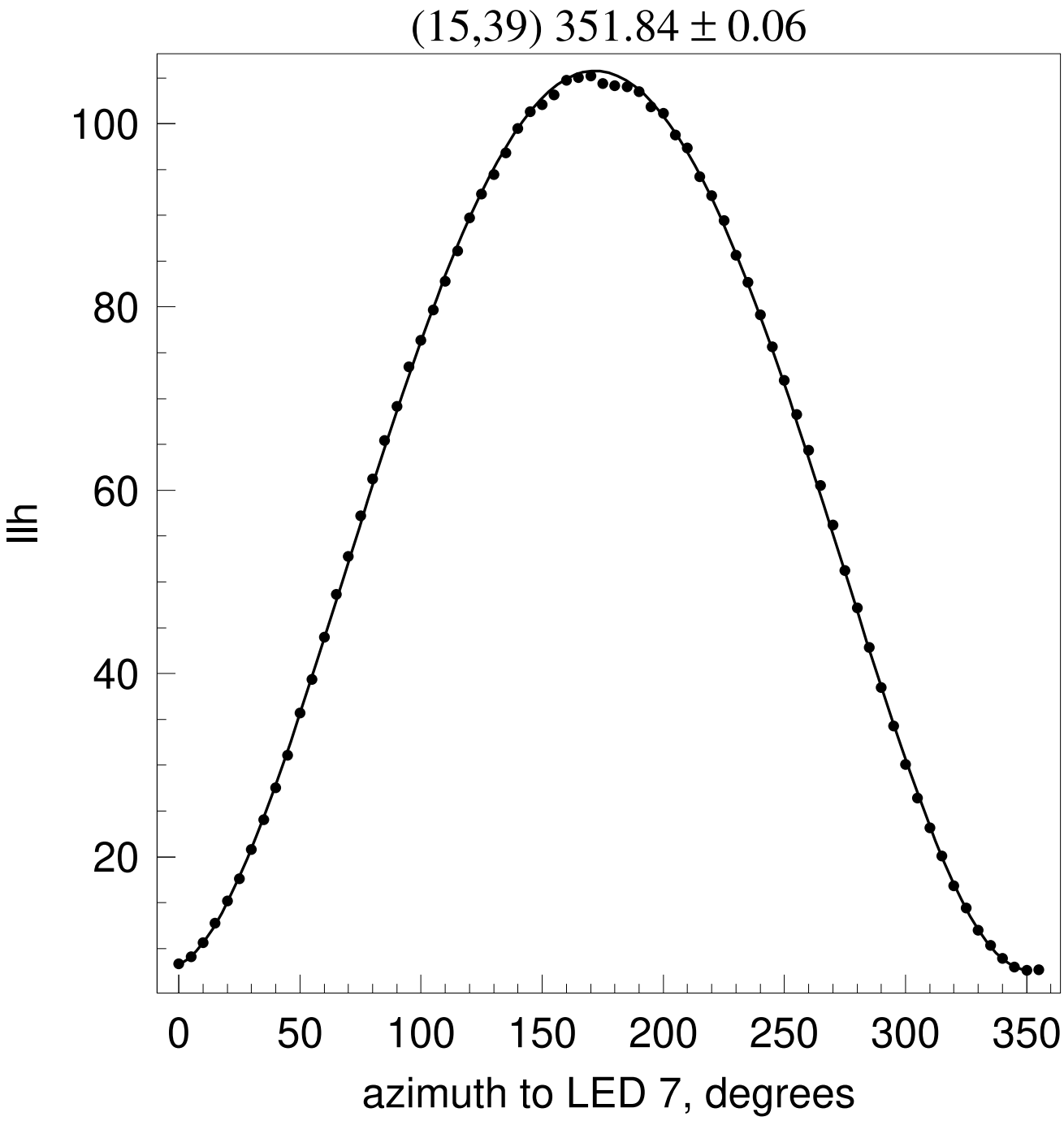

(15,34) 235.31 ± 1.83
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

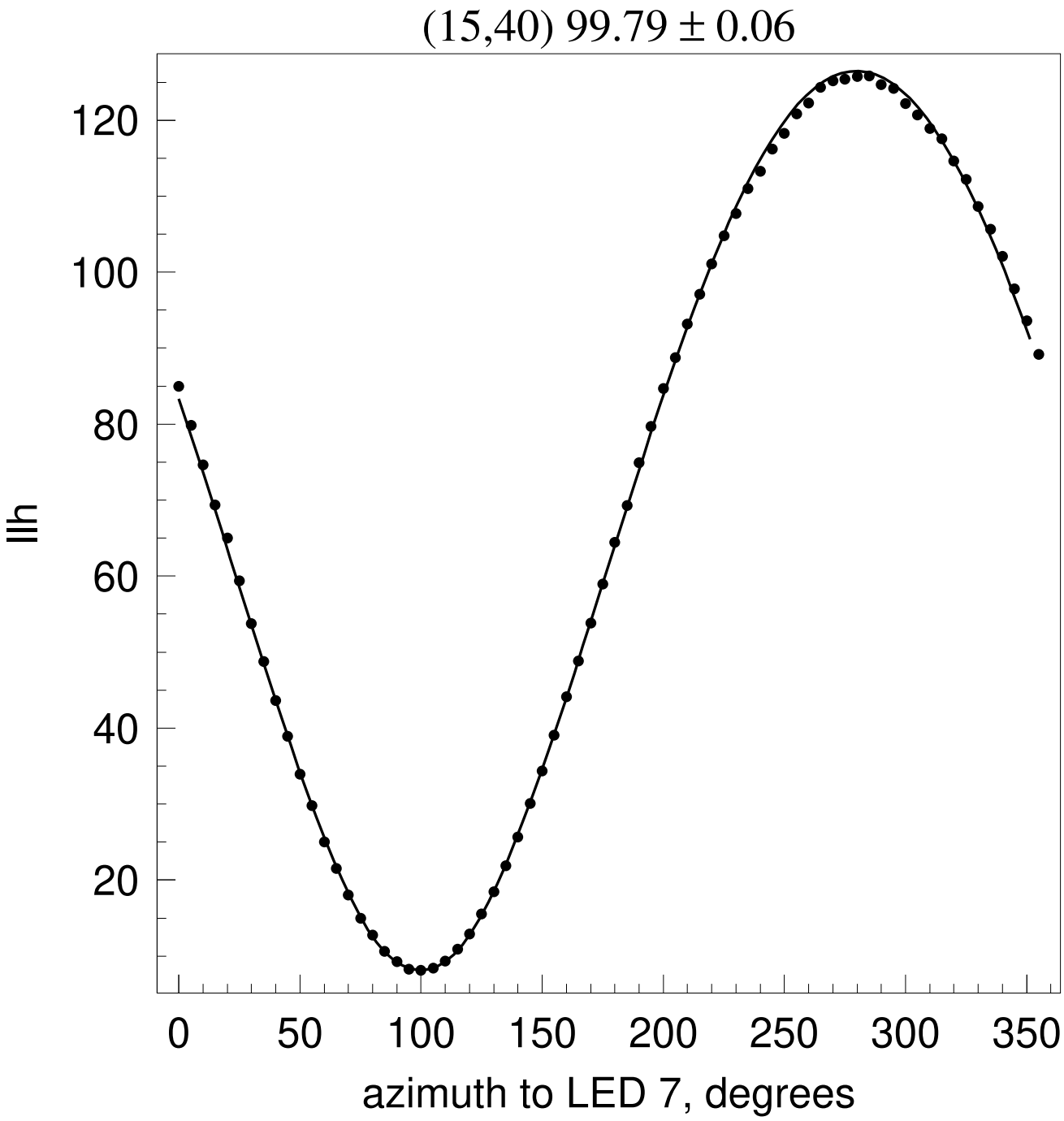

(15,35) 136.16 ± 29.24
9.2
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

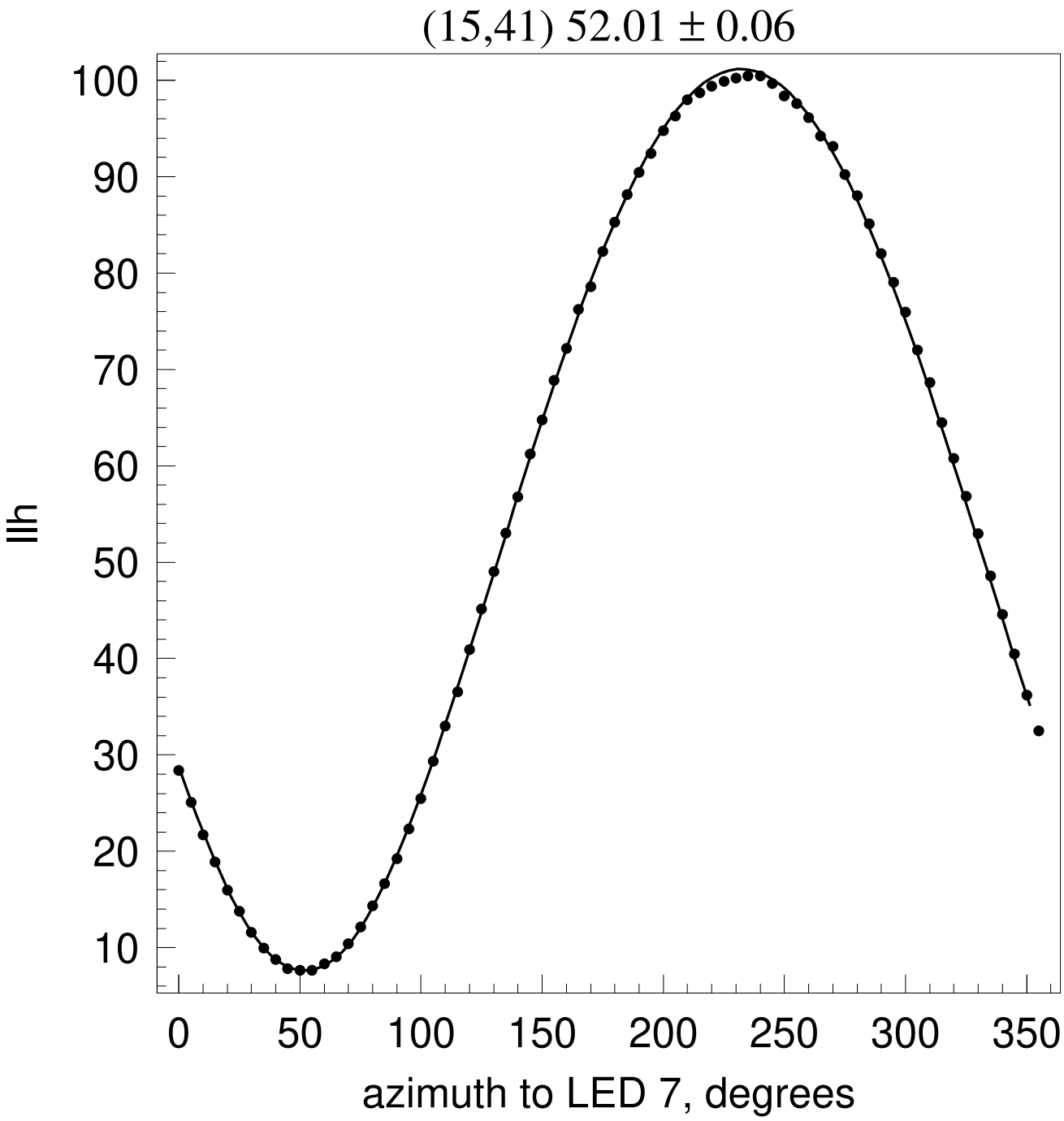

(15,36) 284.95 ± 10.54
llh
9.2
9
8.8
8.6
8.4
8.2
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

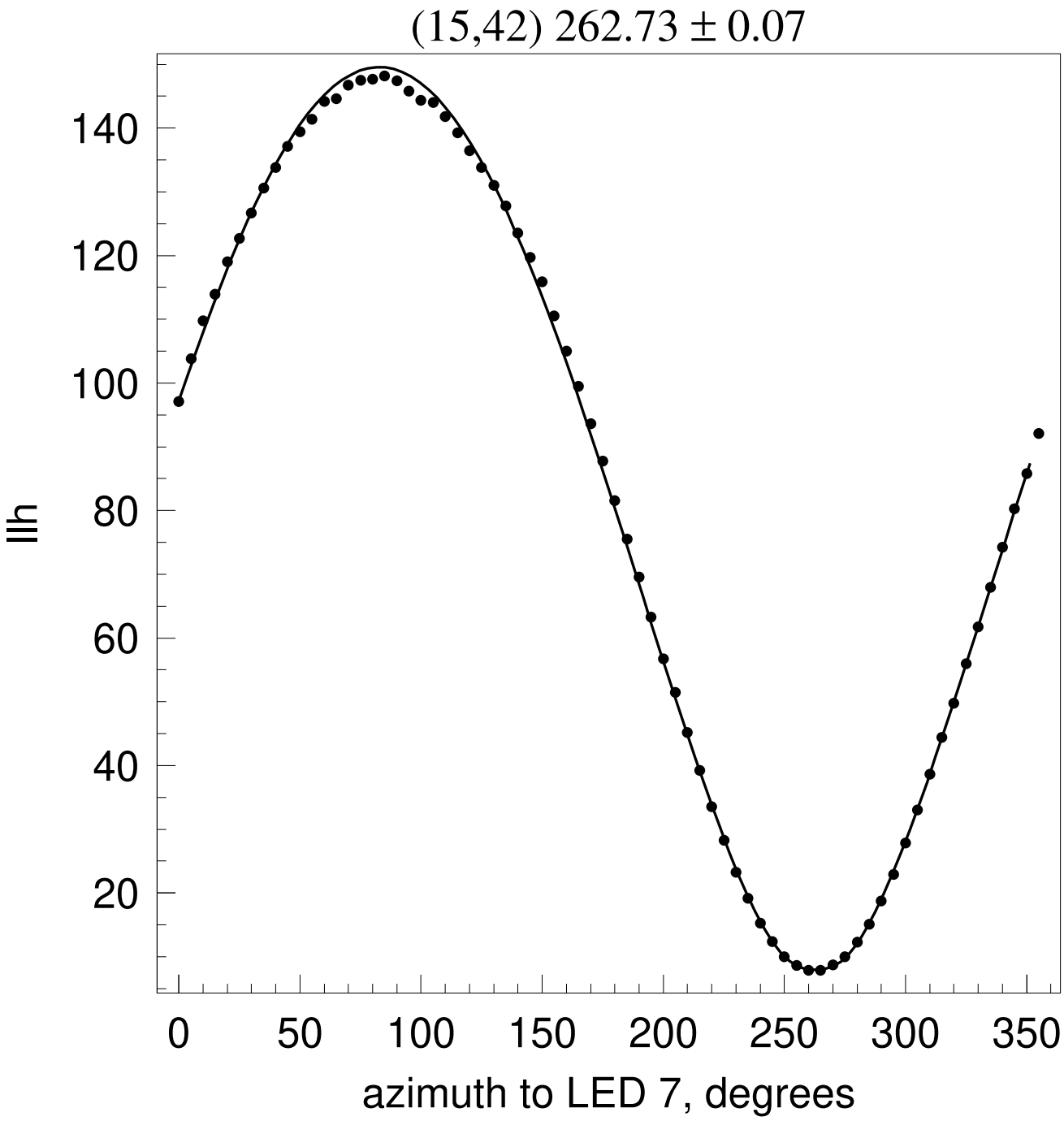

(15,37) 108.86 ± 1.90
9.25
9
8.75
8.5
8.25
8
7.75
7.5
7.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

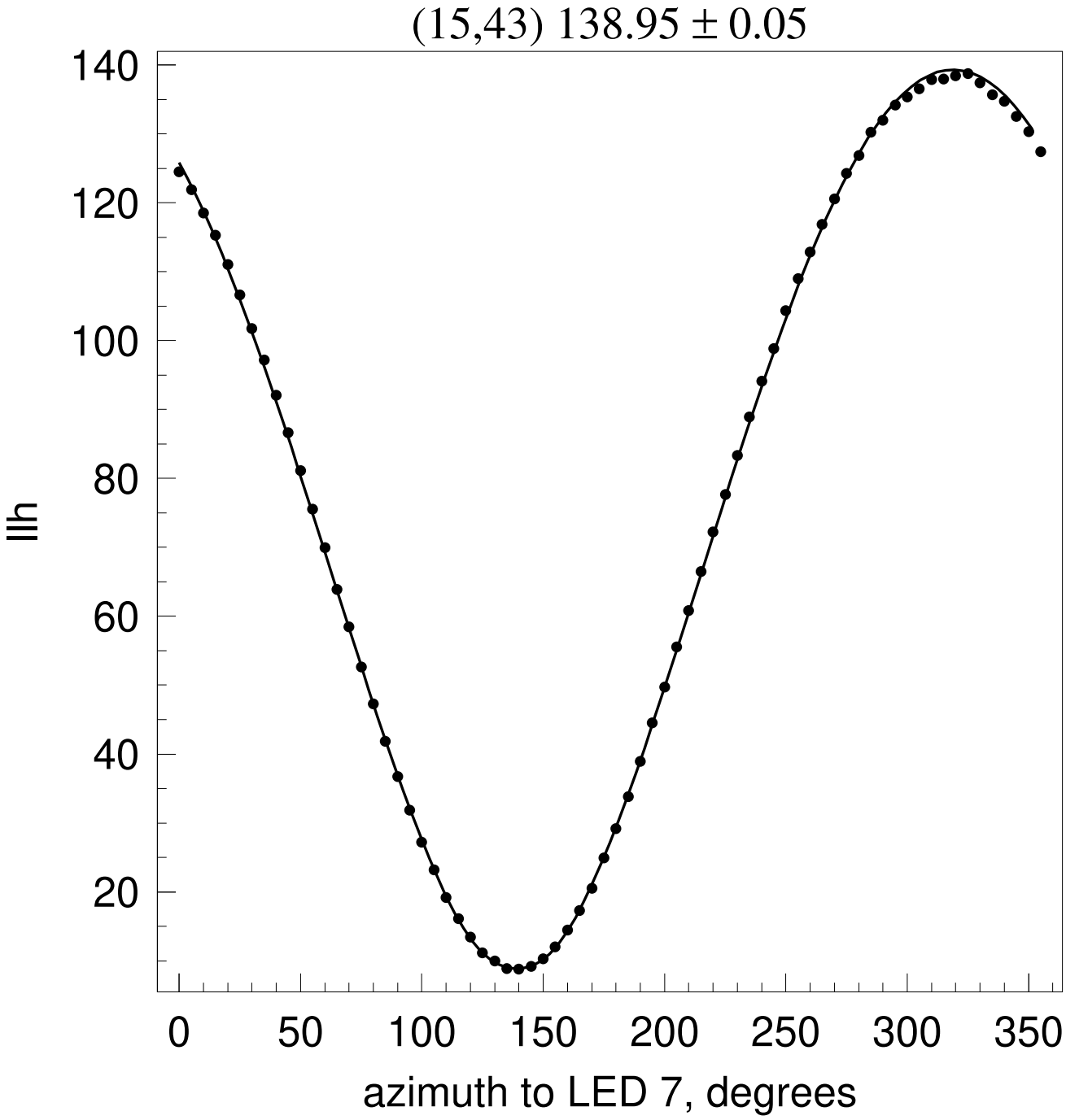

(15,38) 317.21 ± 0.17
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

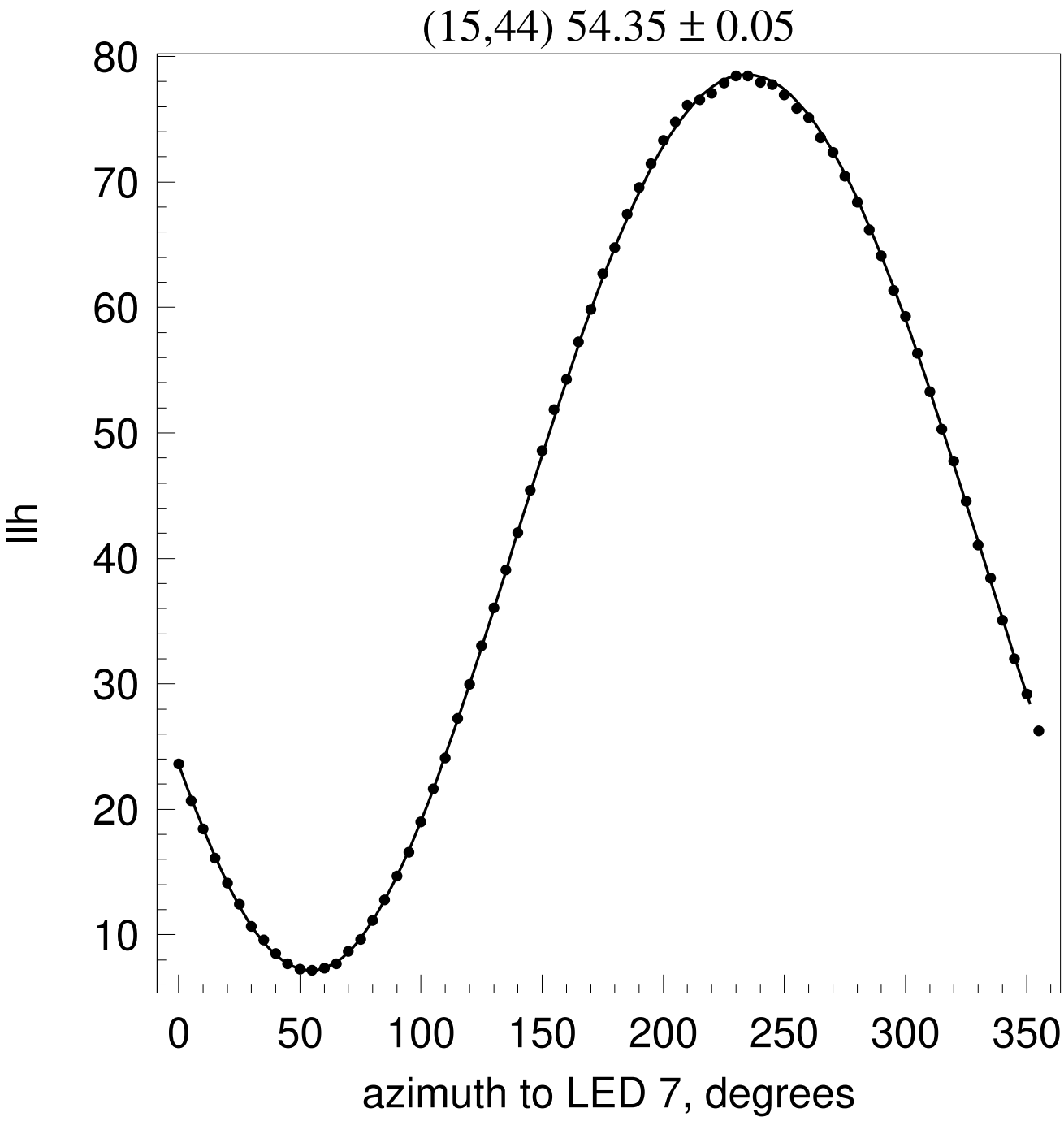

(15,39) 351.84 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

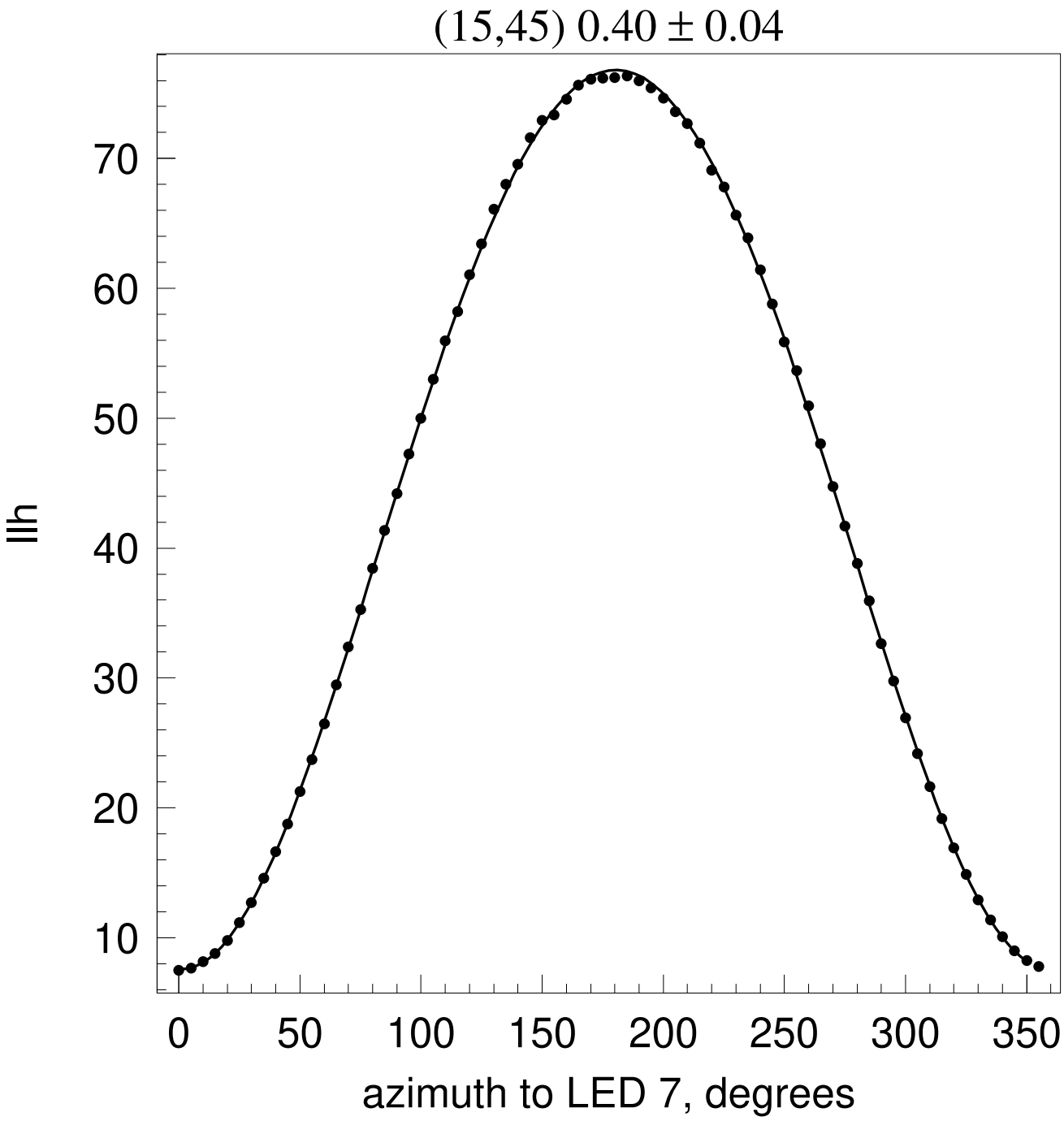

(15,40) 99.79 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

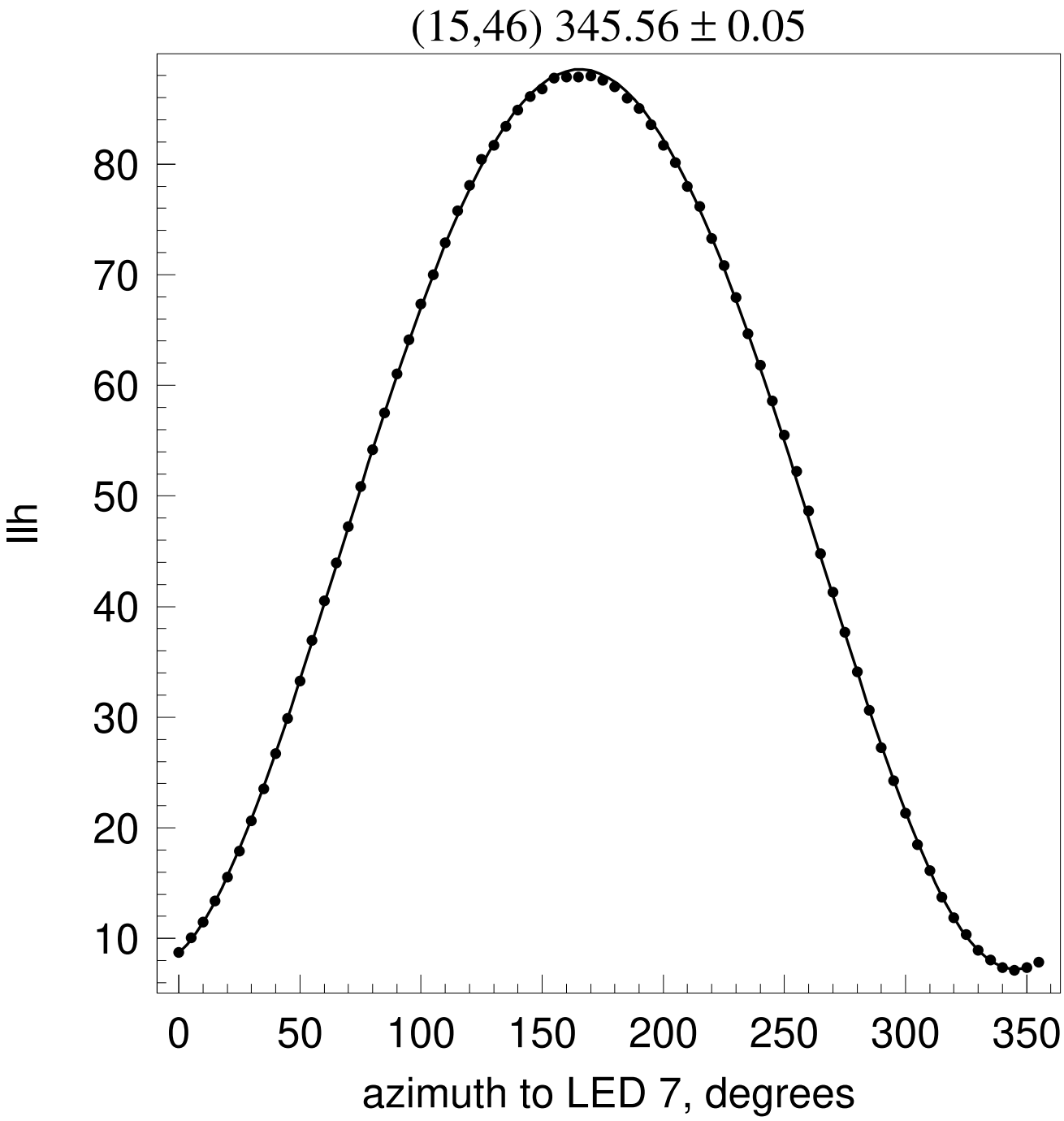

(15,41) 52.01 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

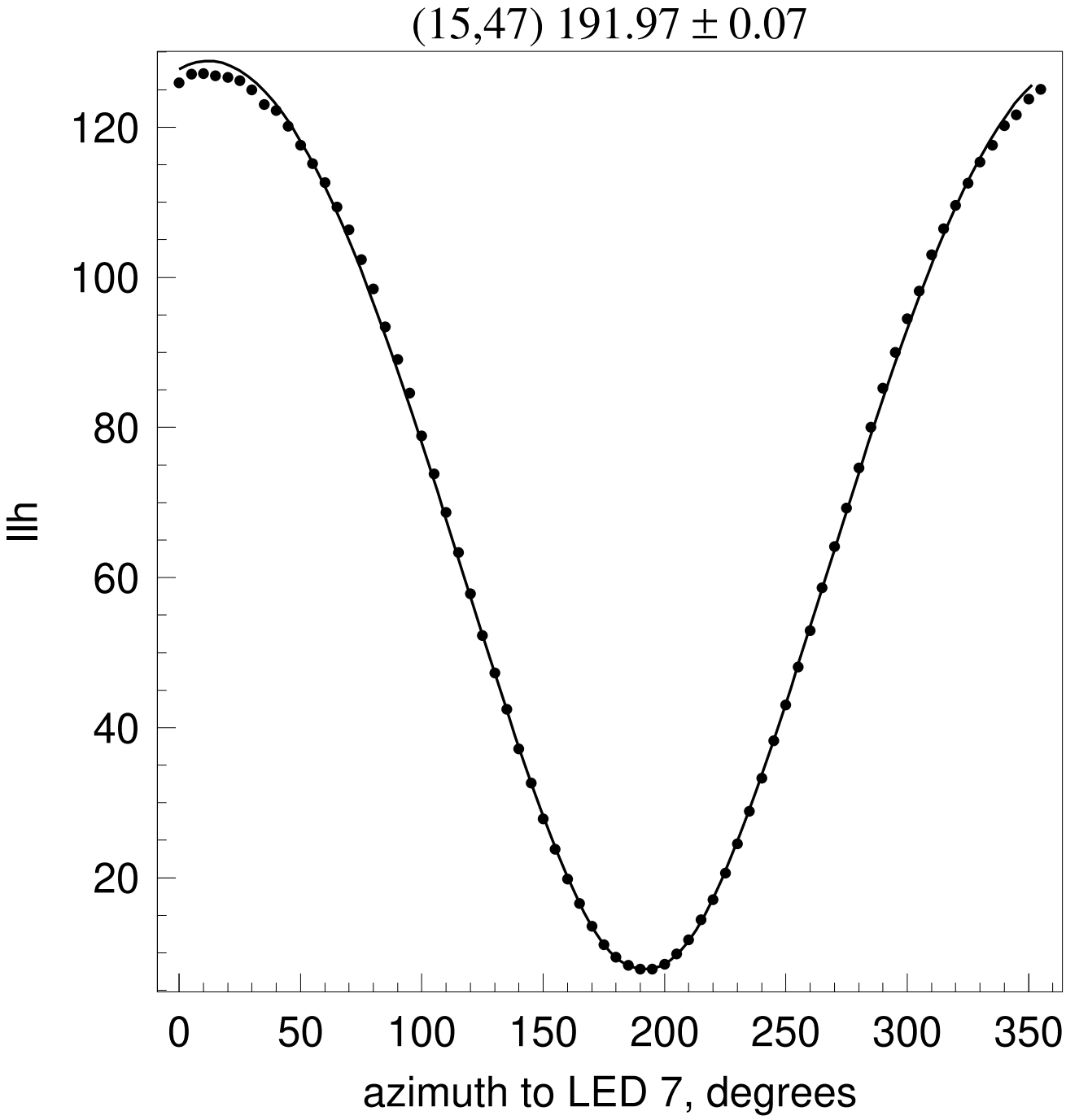

(15,42) 262.73 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

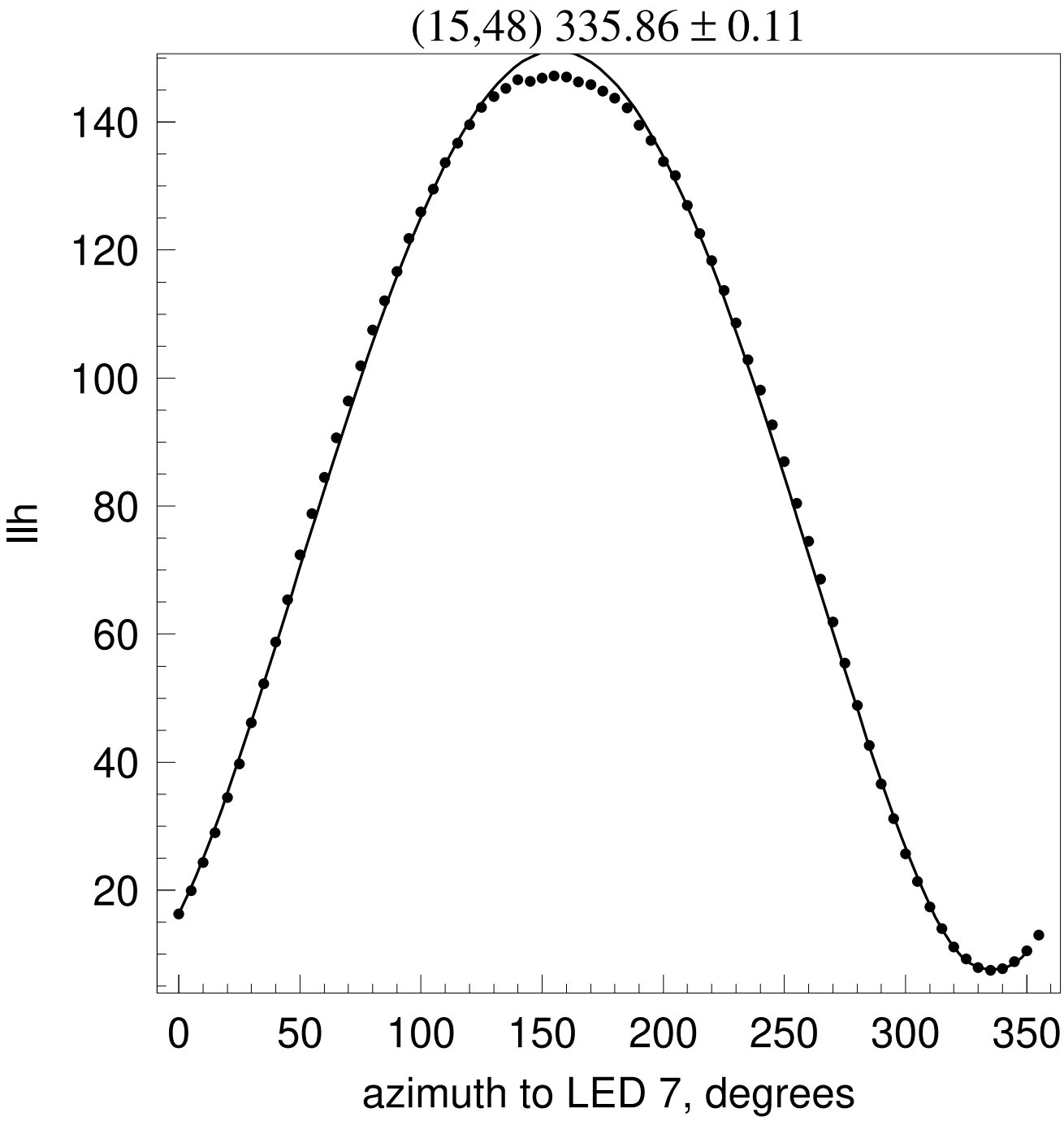

(15,43) 138.95 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

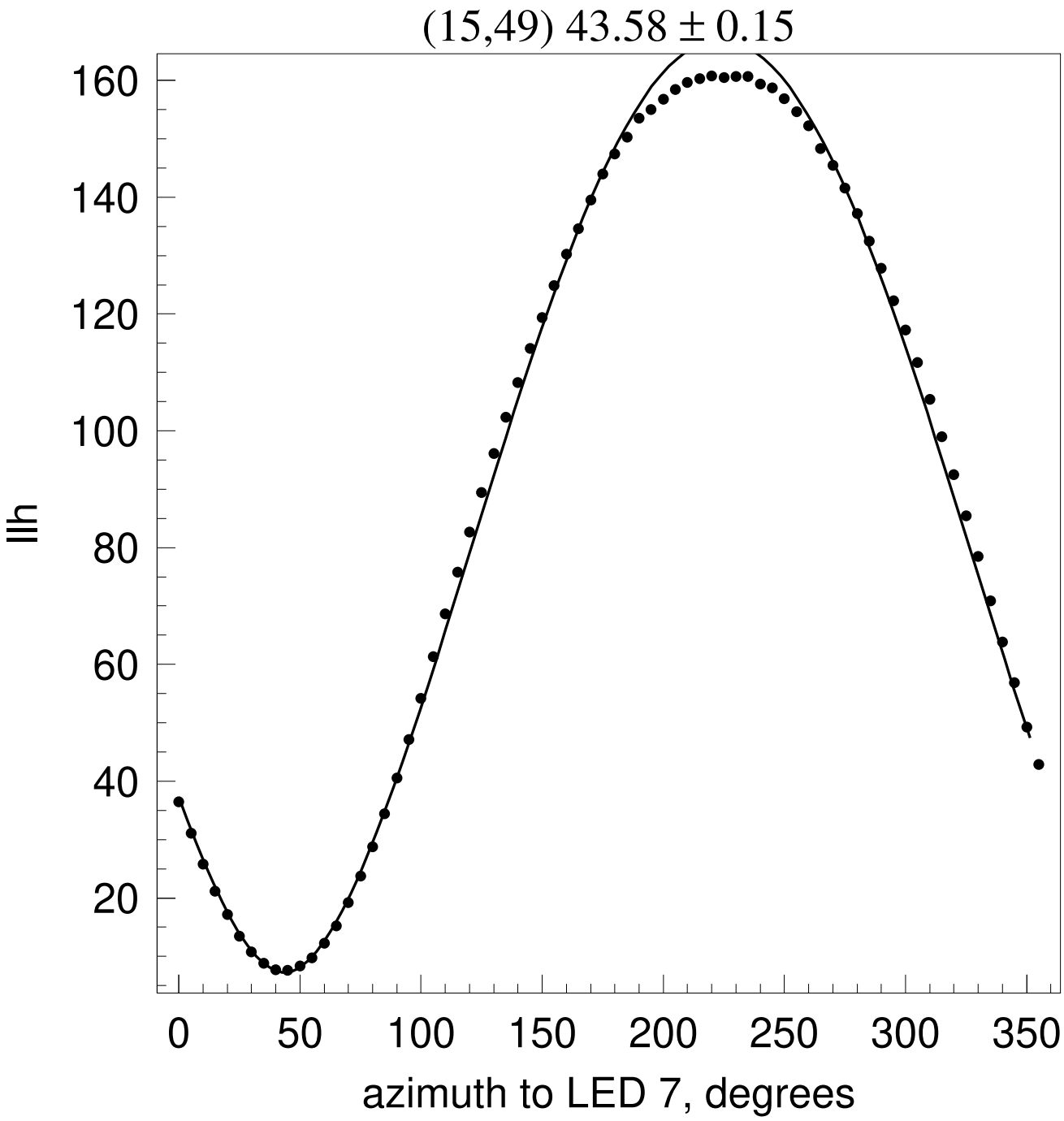

(15,44) 54.35 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

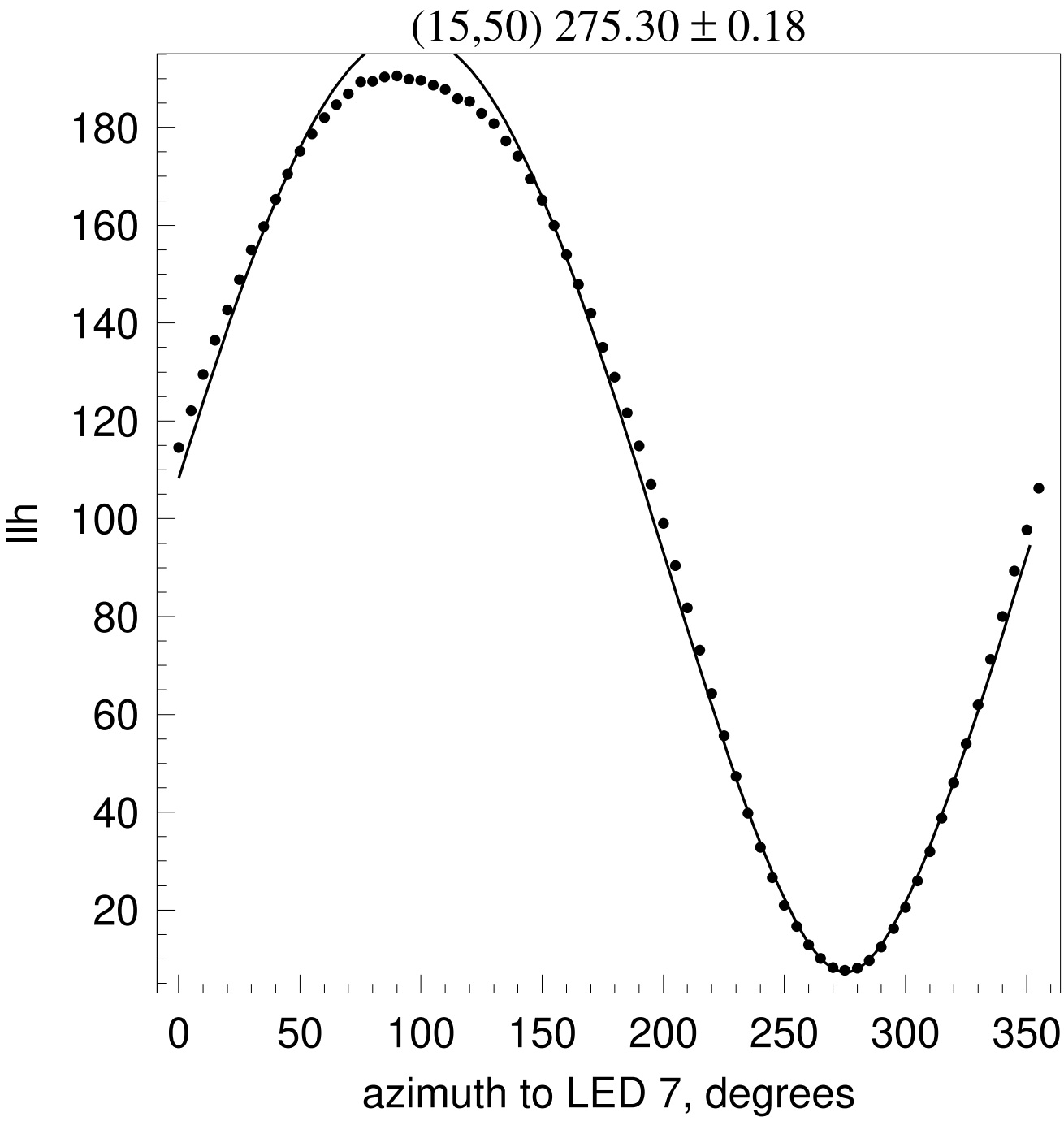

(15,45) 0.40 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

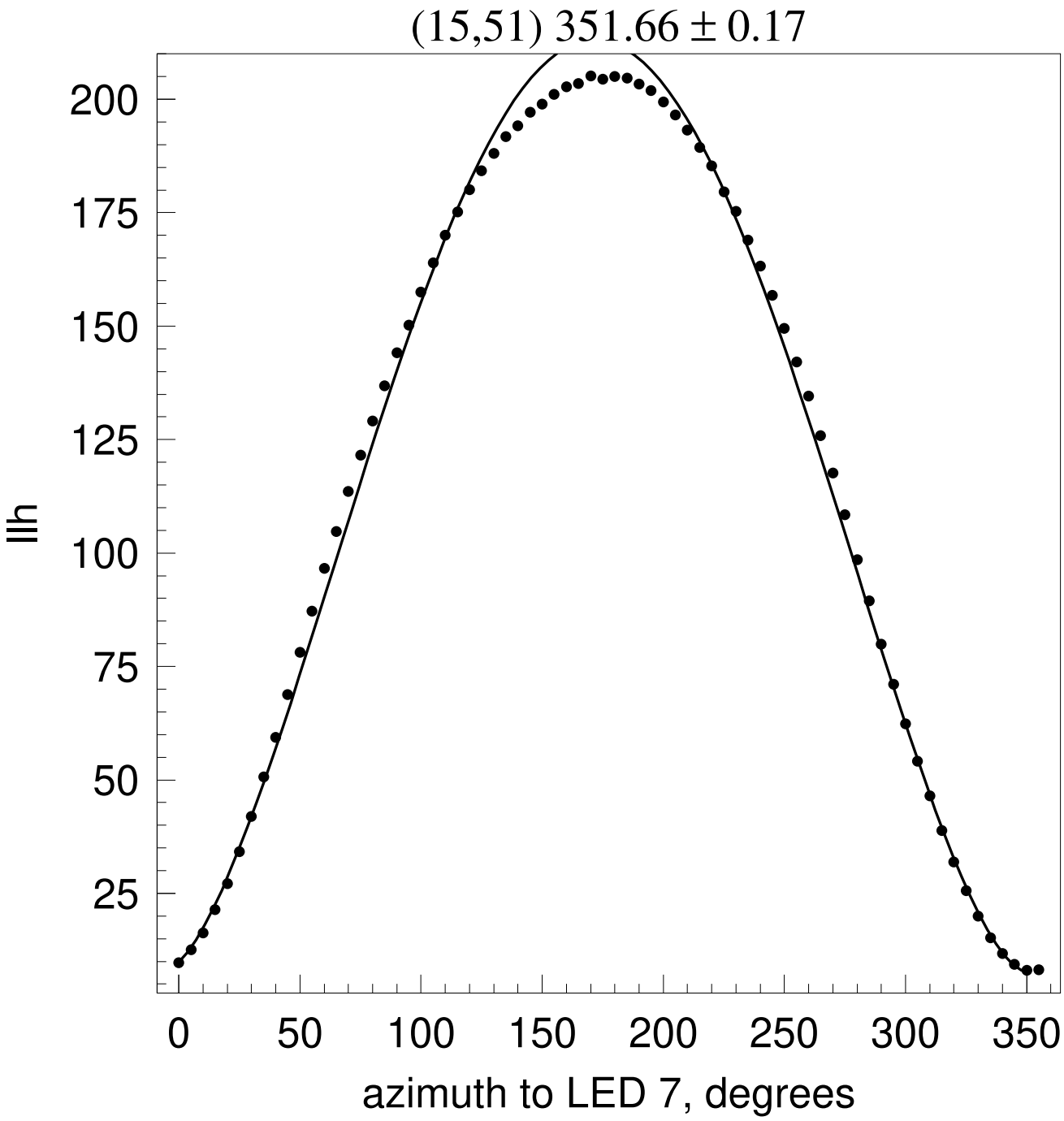

(15,46) 345.56 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

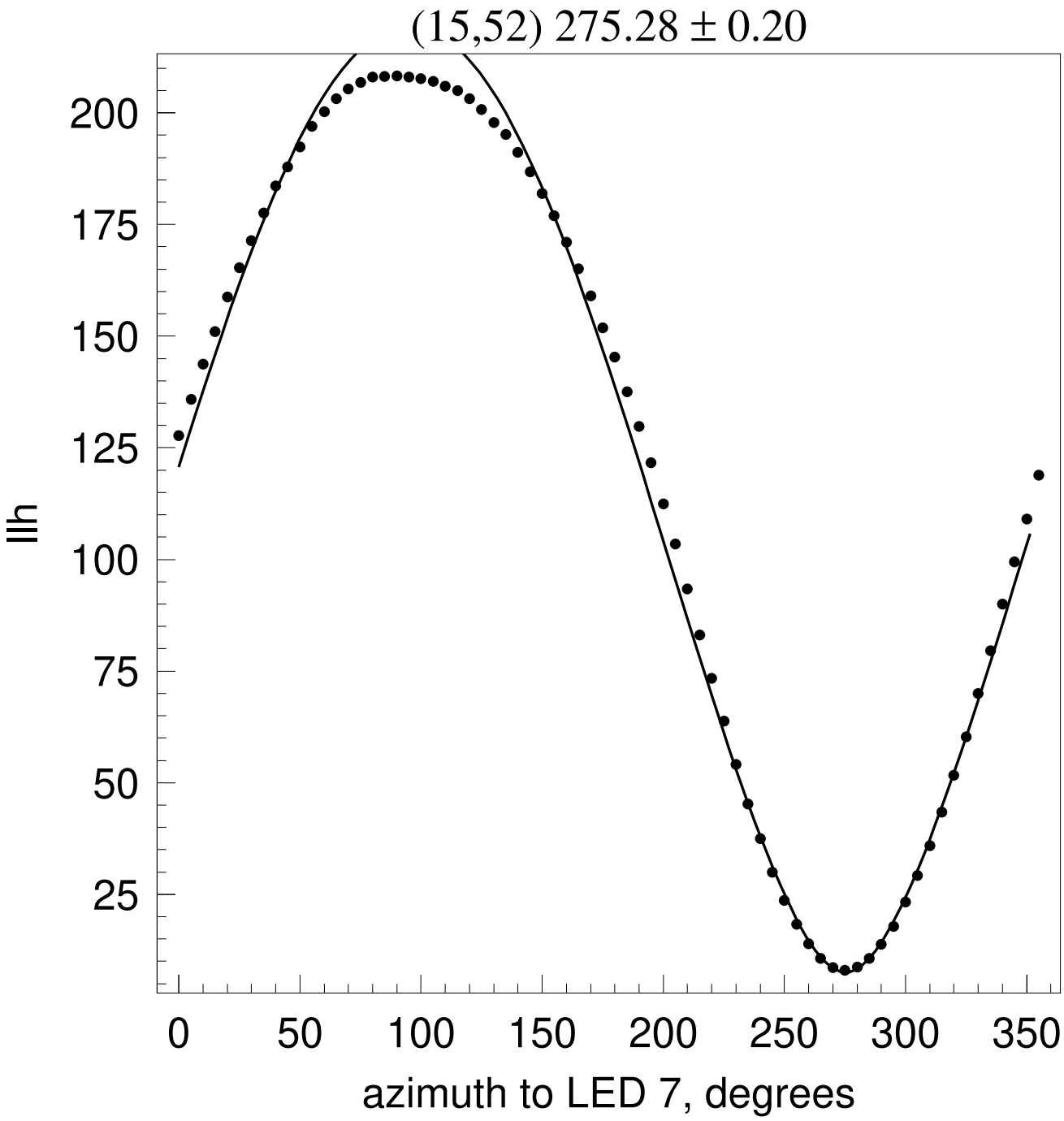

(15,47) 191.97 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

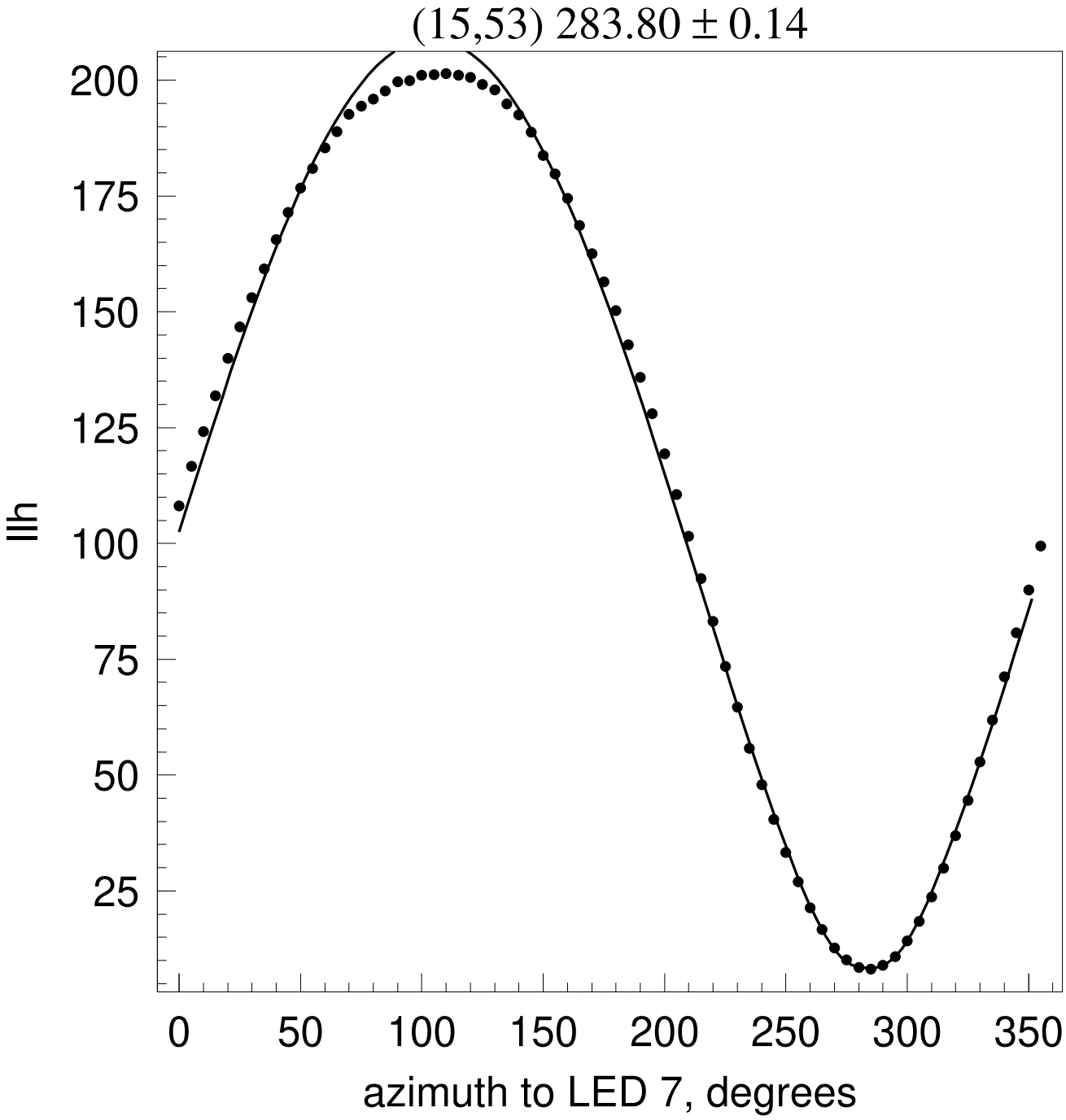

(15,48) 335.86 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

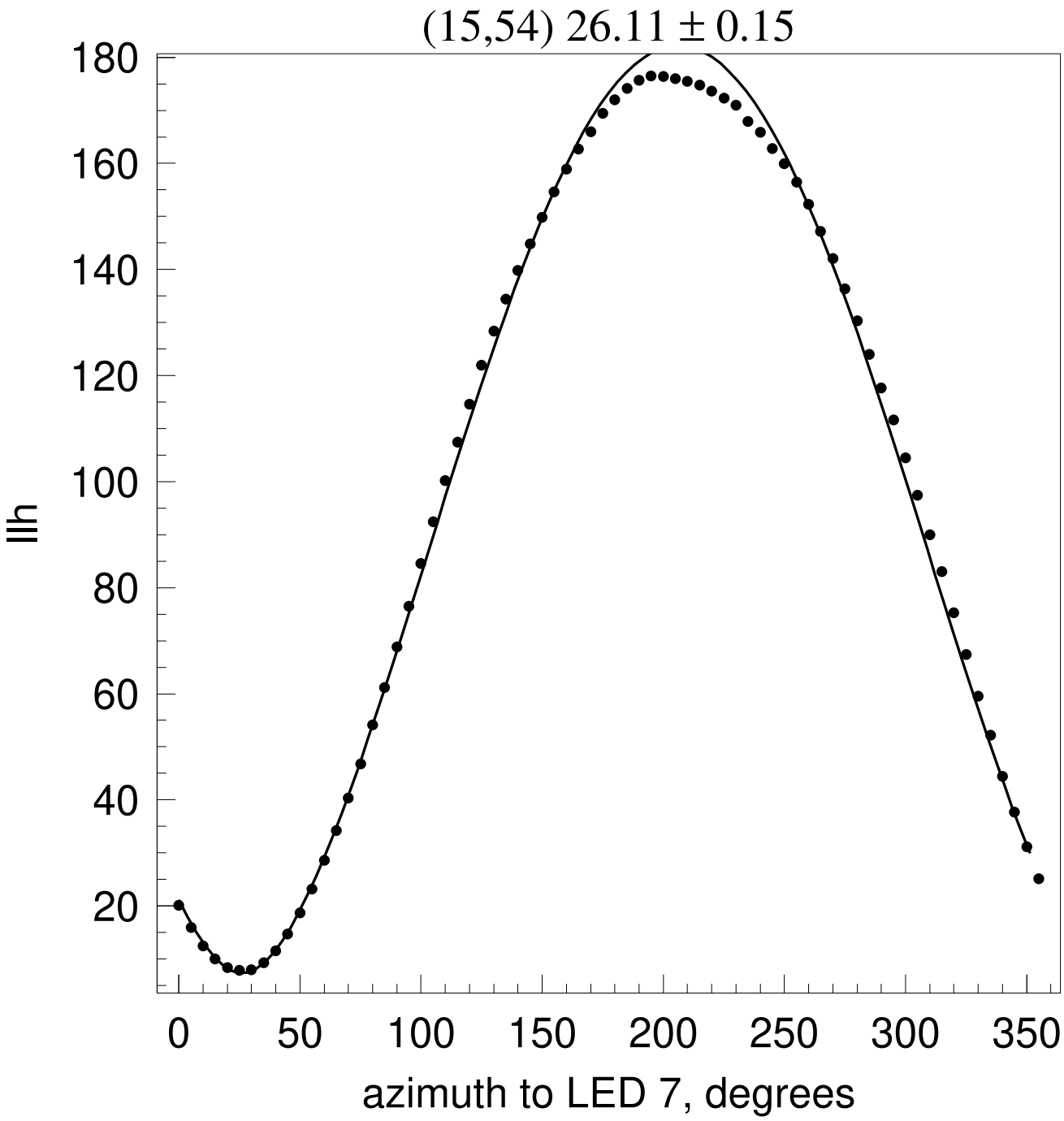

(15,49) 43.58 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

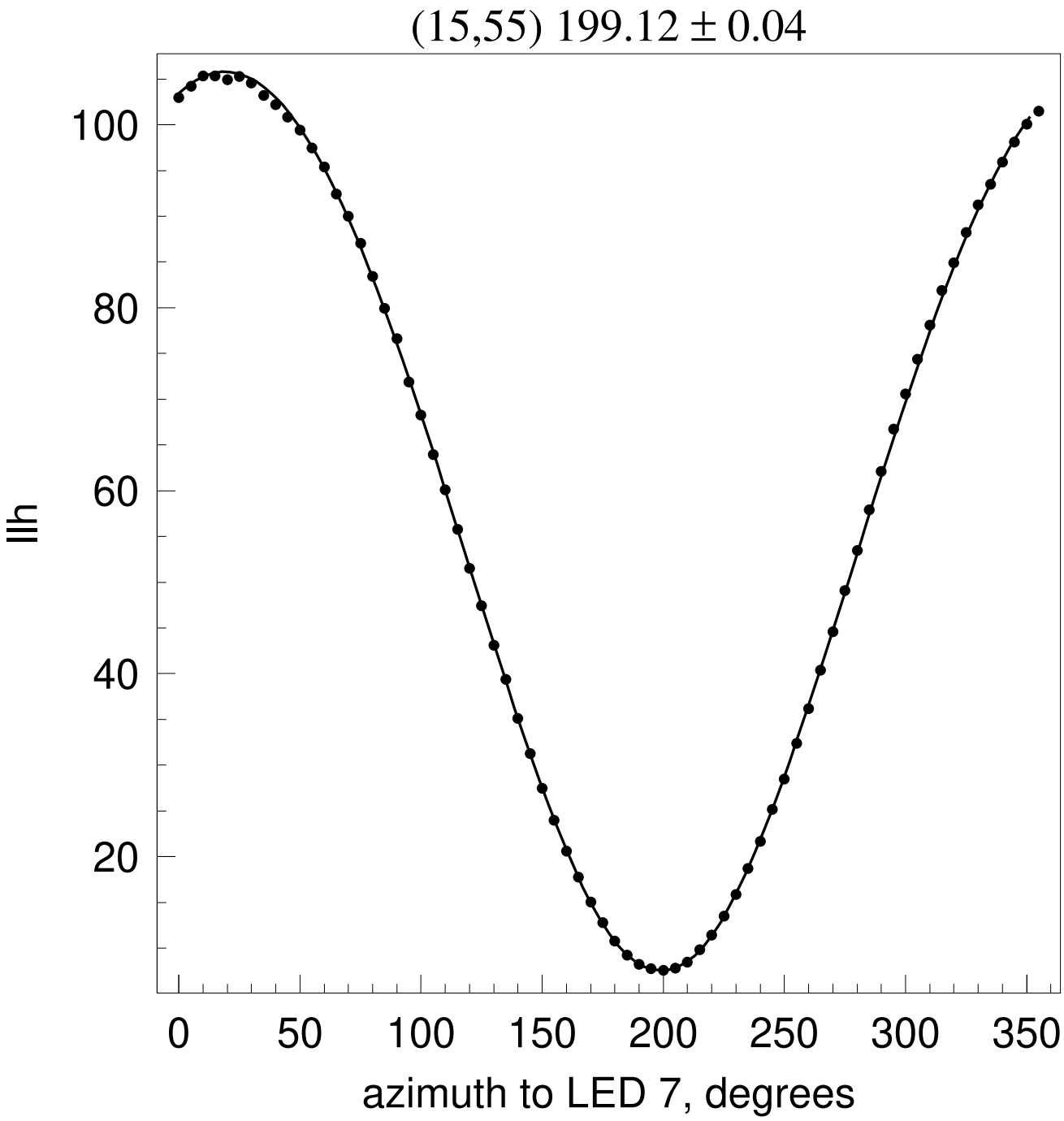

(15,50) 275.30 ± 0.18
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

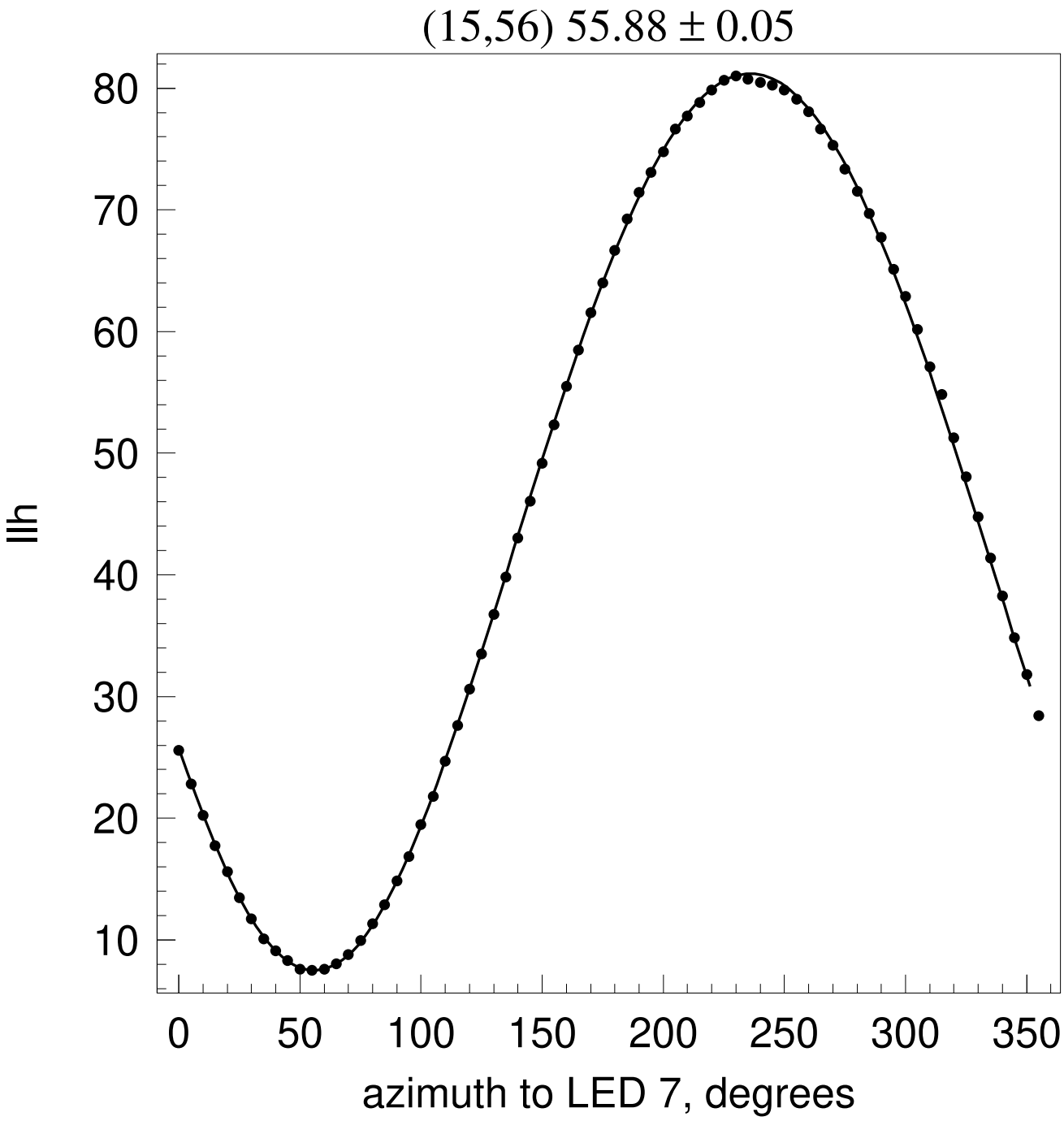

(15,51) 351.66 ± 0.17
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

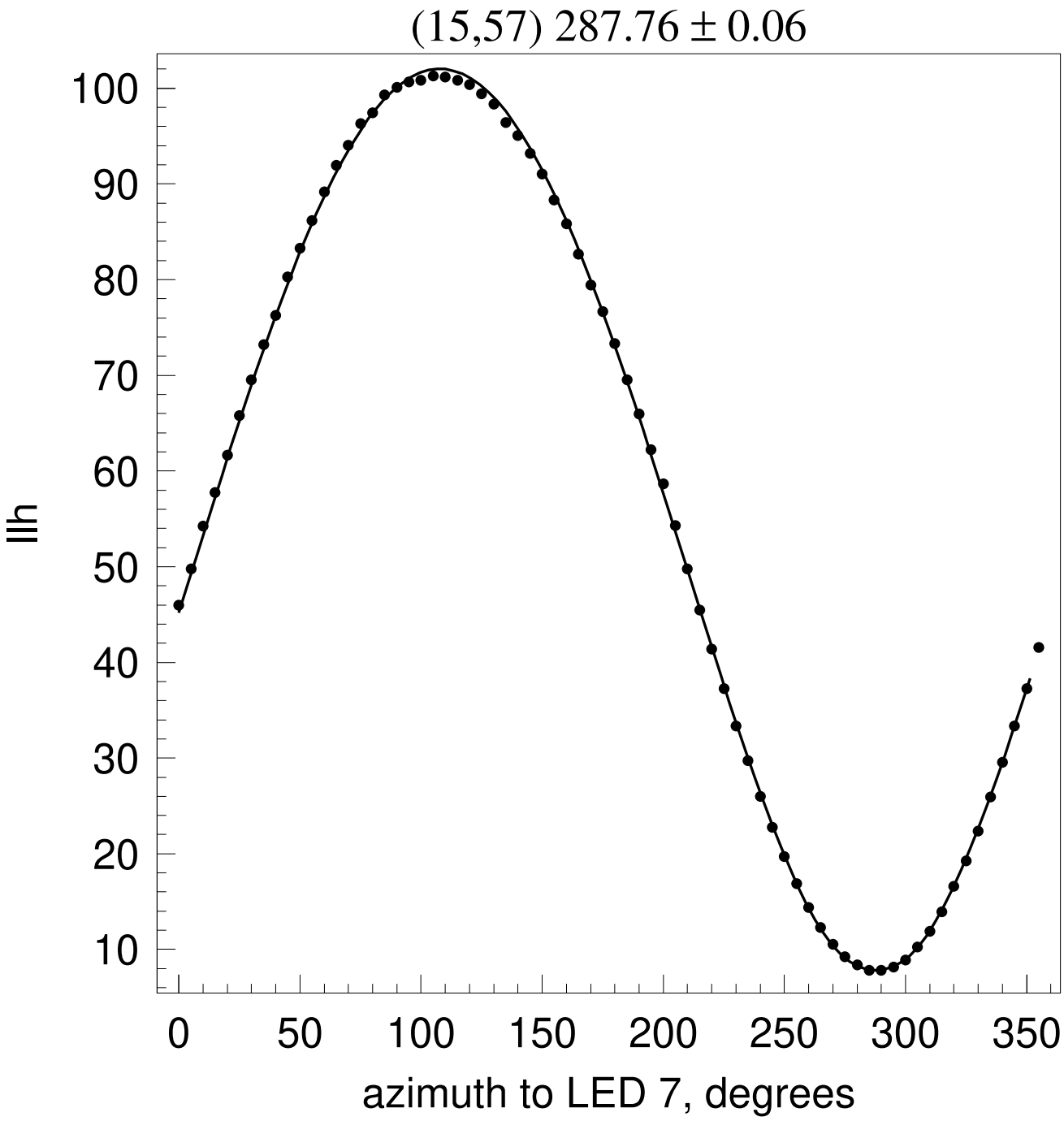

(15,52) 275.28 ± 0.20
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

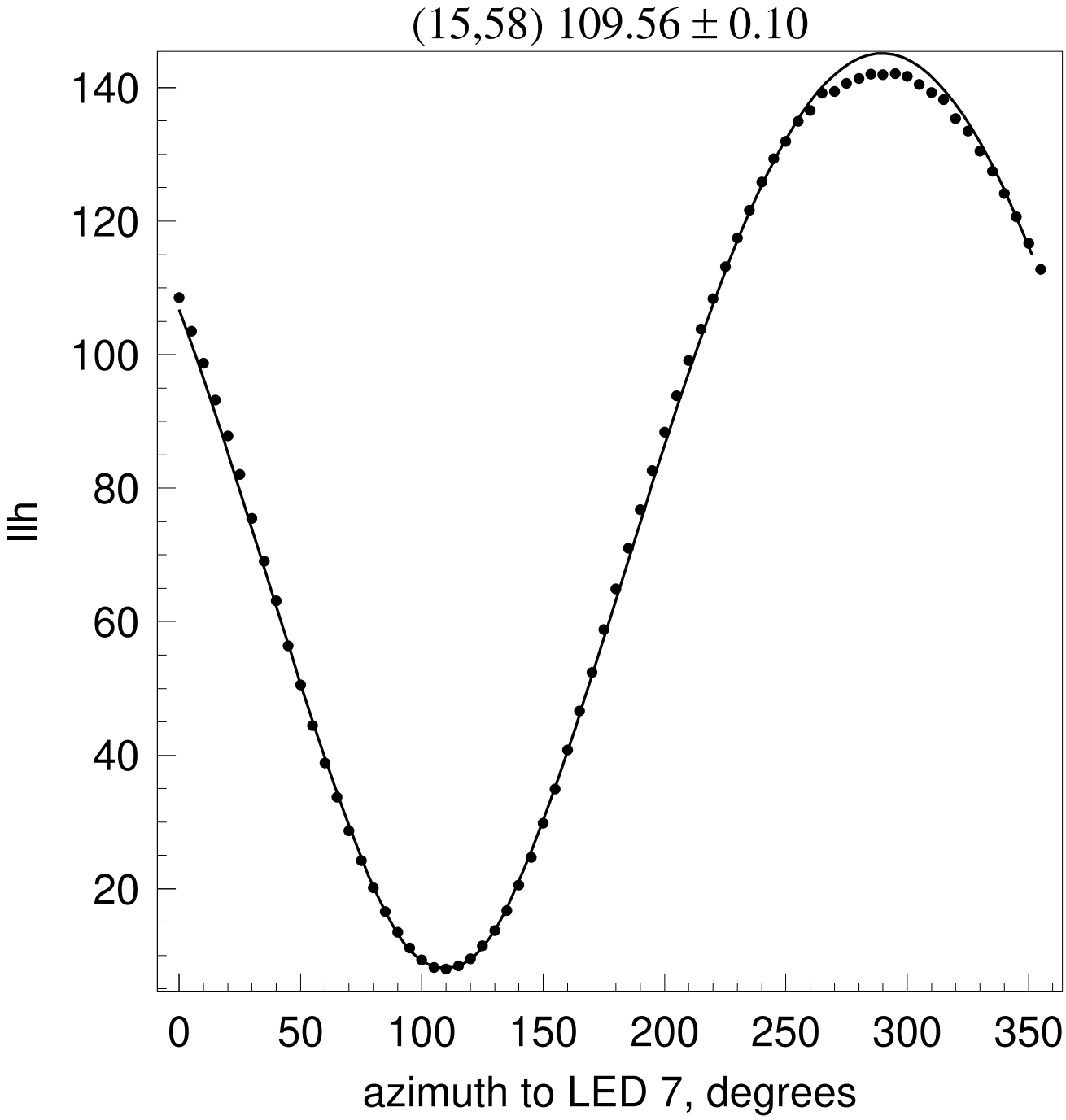

(15,53) 283.80 ± 0.14
200
175
150
125
100
75
50
25
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

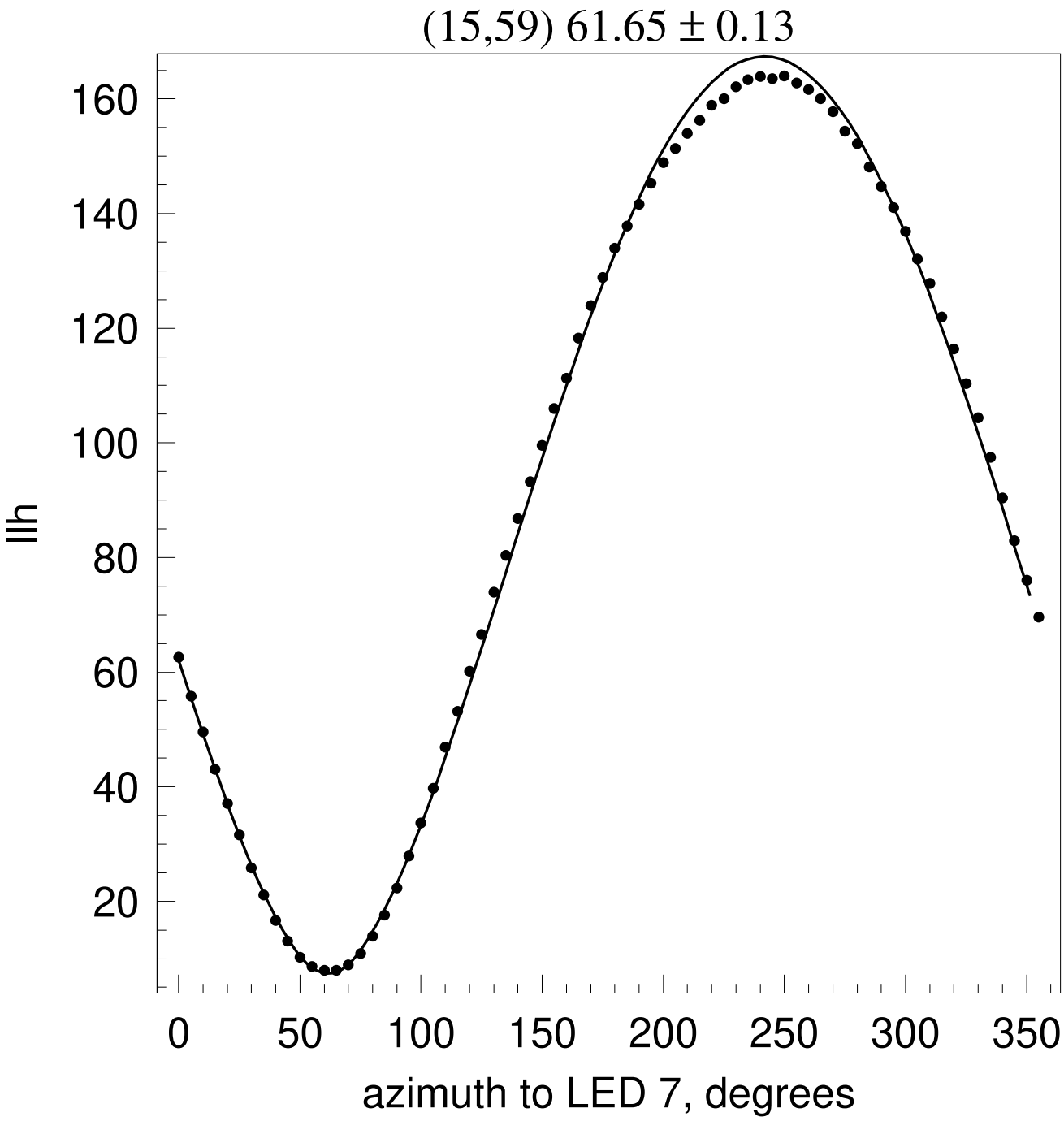

(15,54) 26.11 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

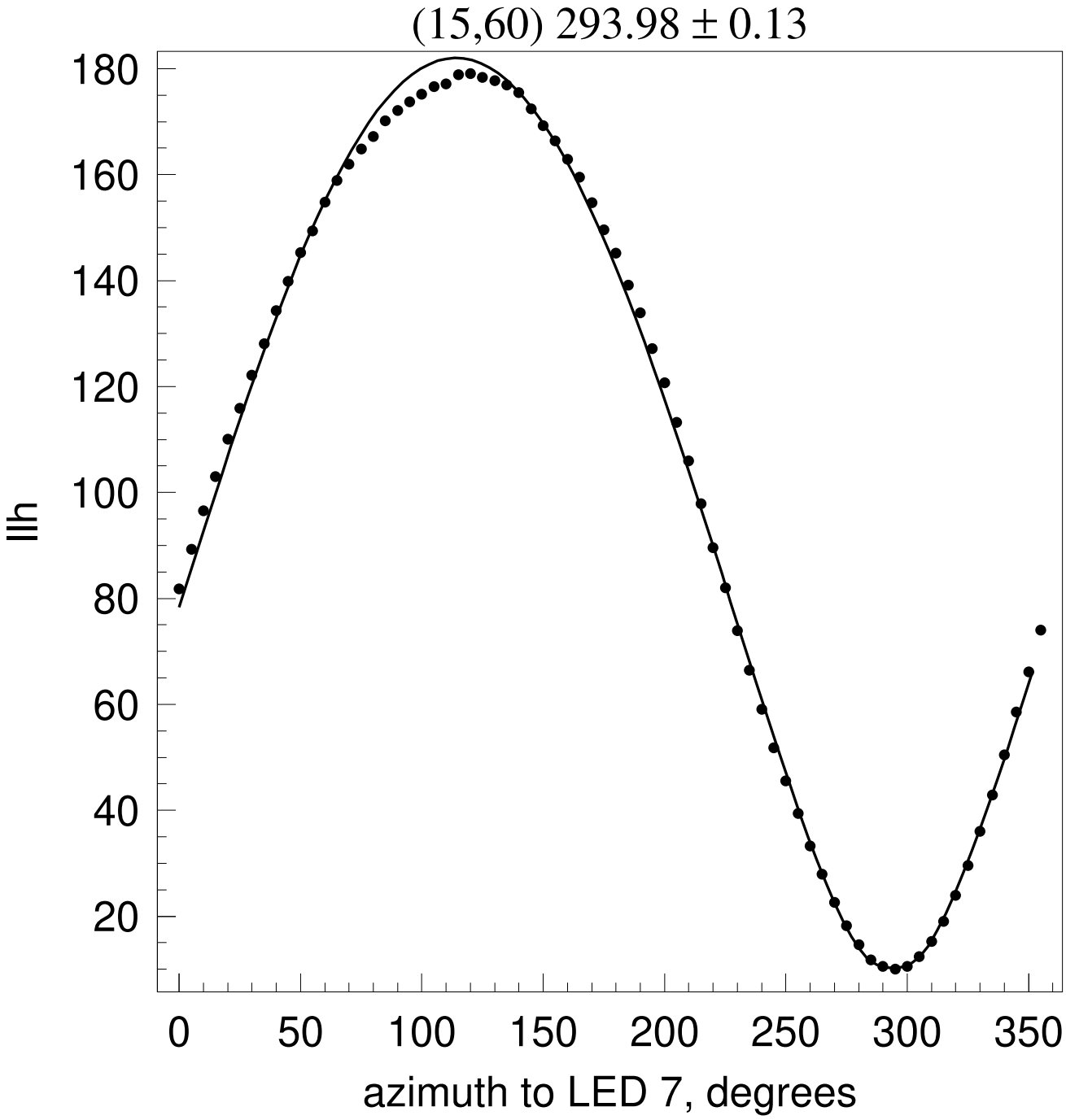

(15,55) 199.12 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

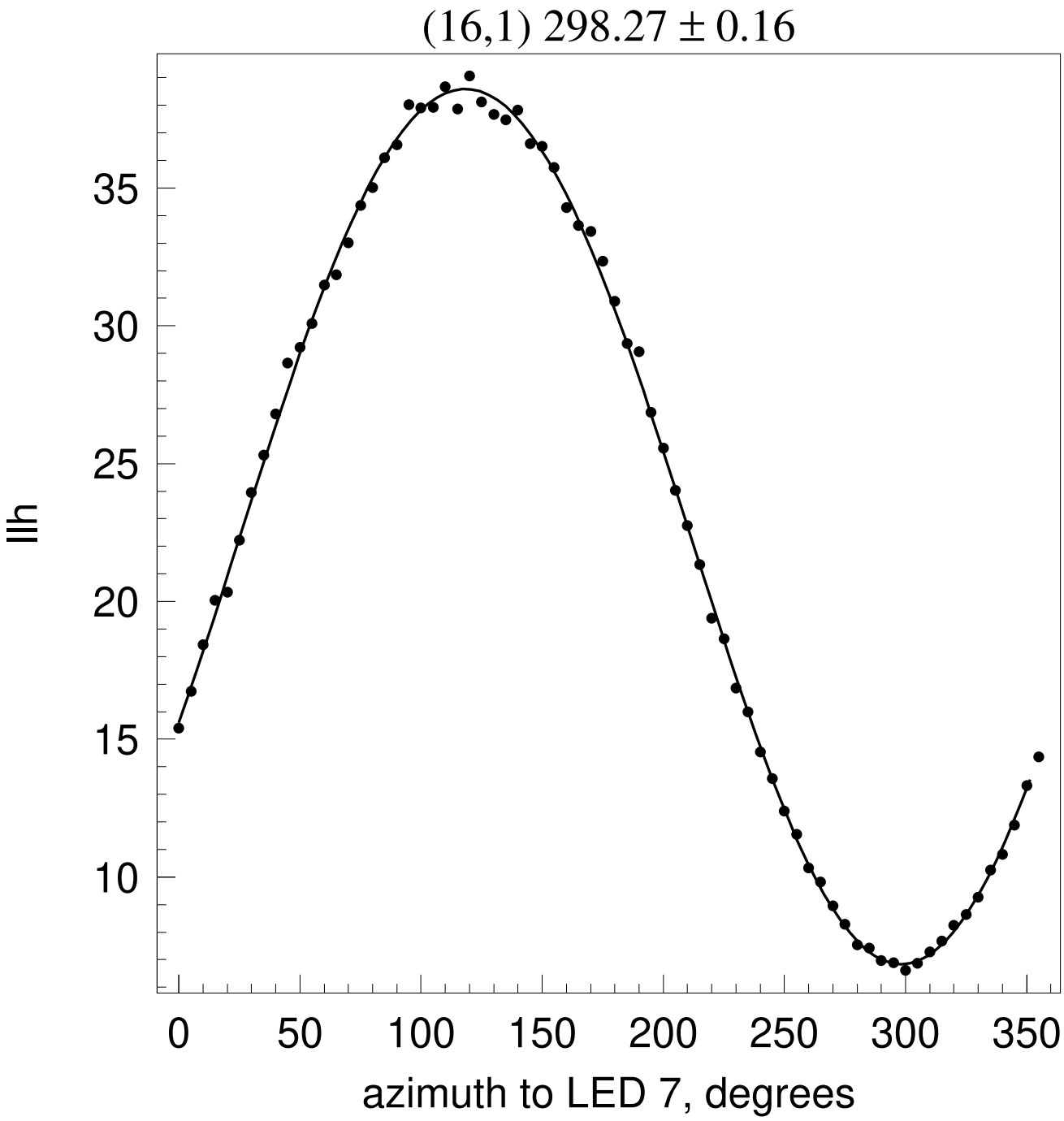

(15,56) 55.88 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

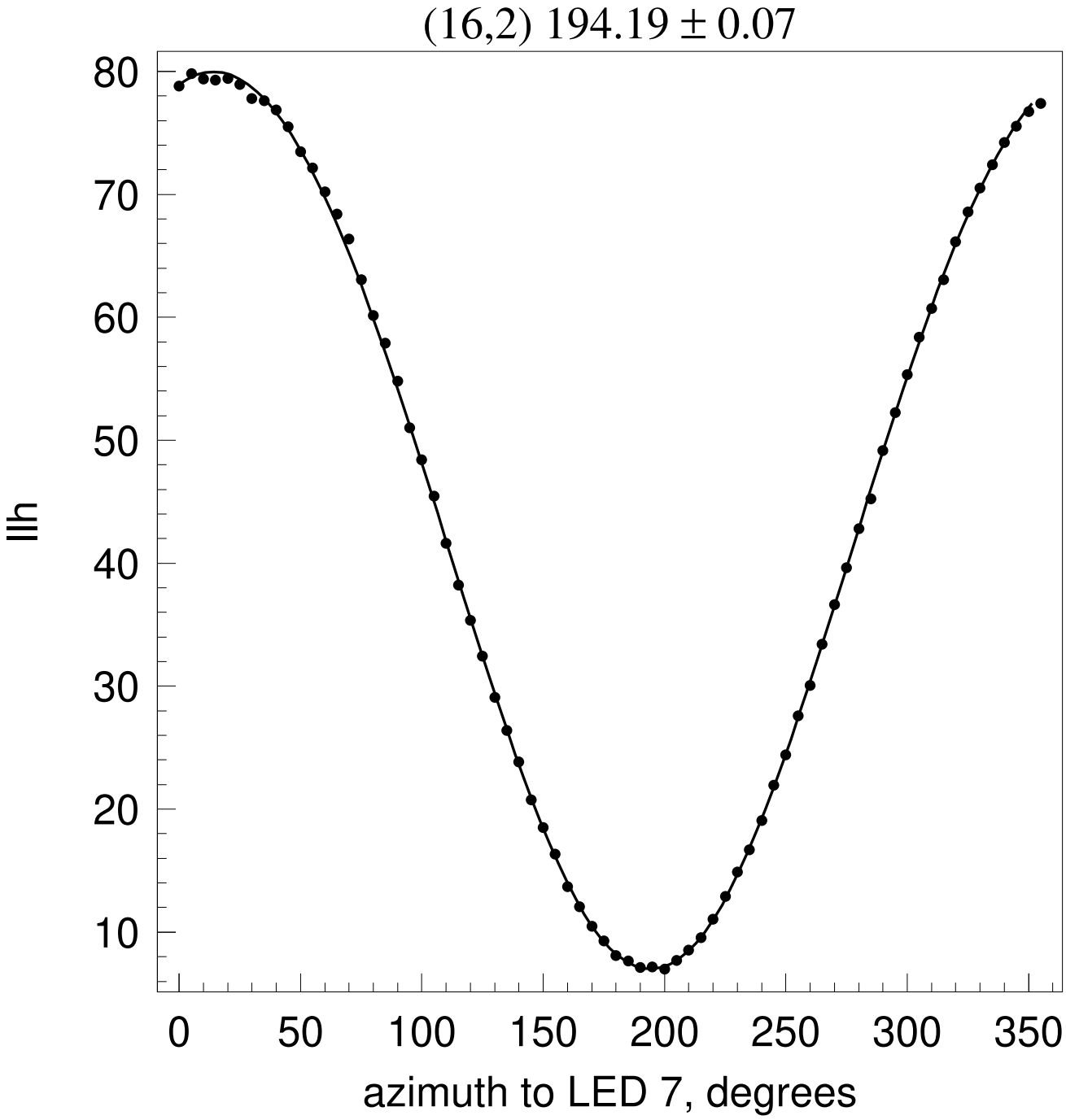

(15,57) 287.76 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

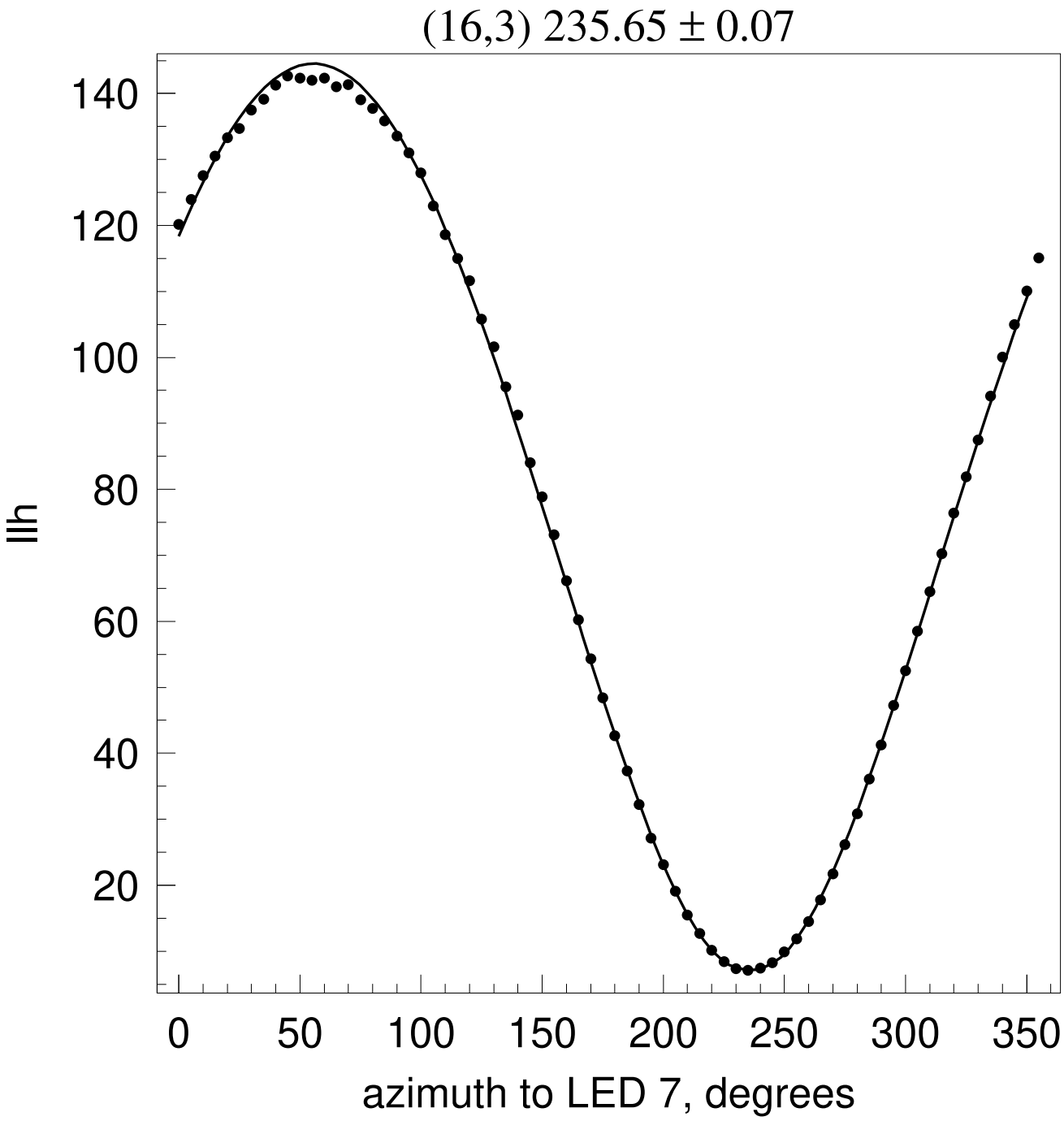

(15,58) 109.56 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

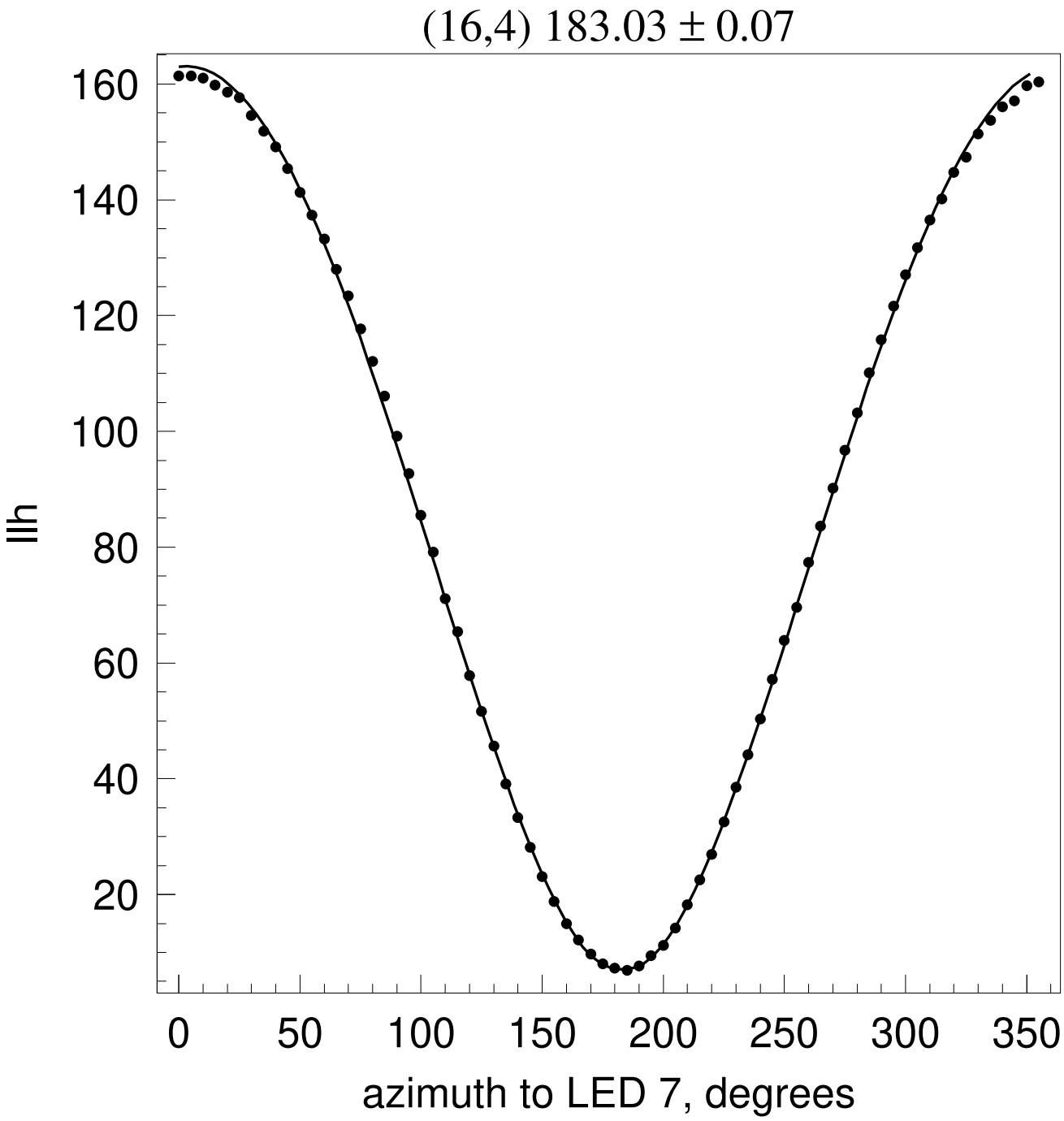

(15,59) 61.65 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

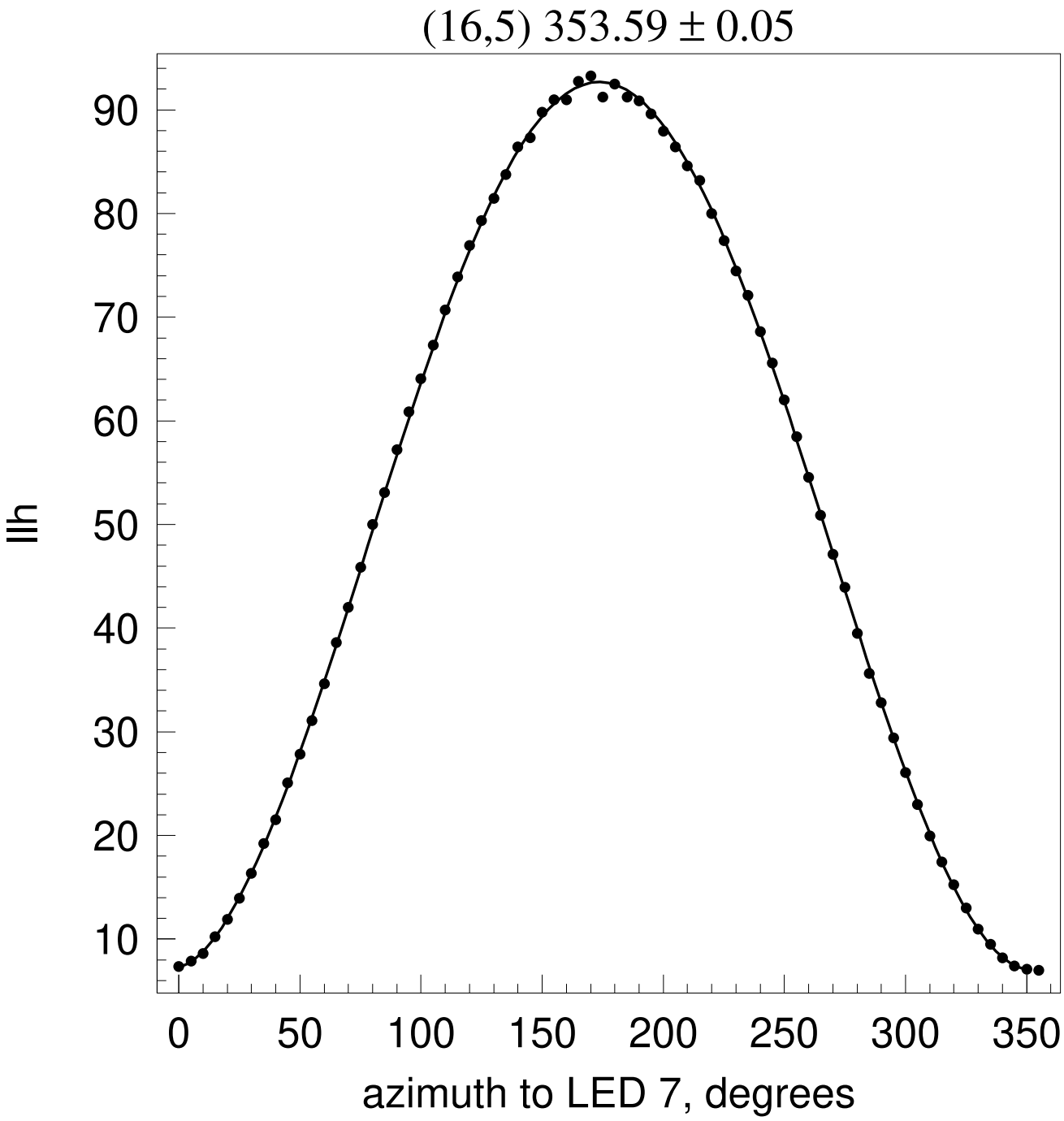

(15,60) 293.98 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

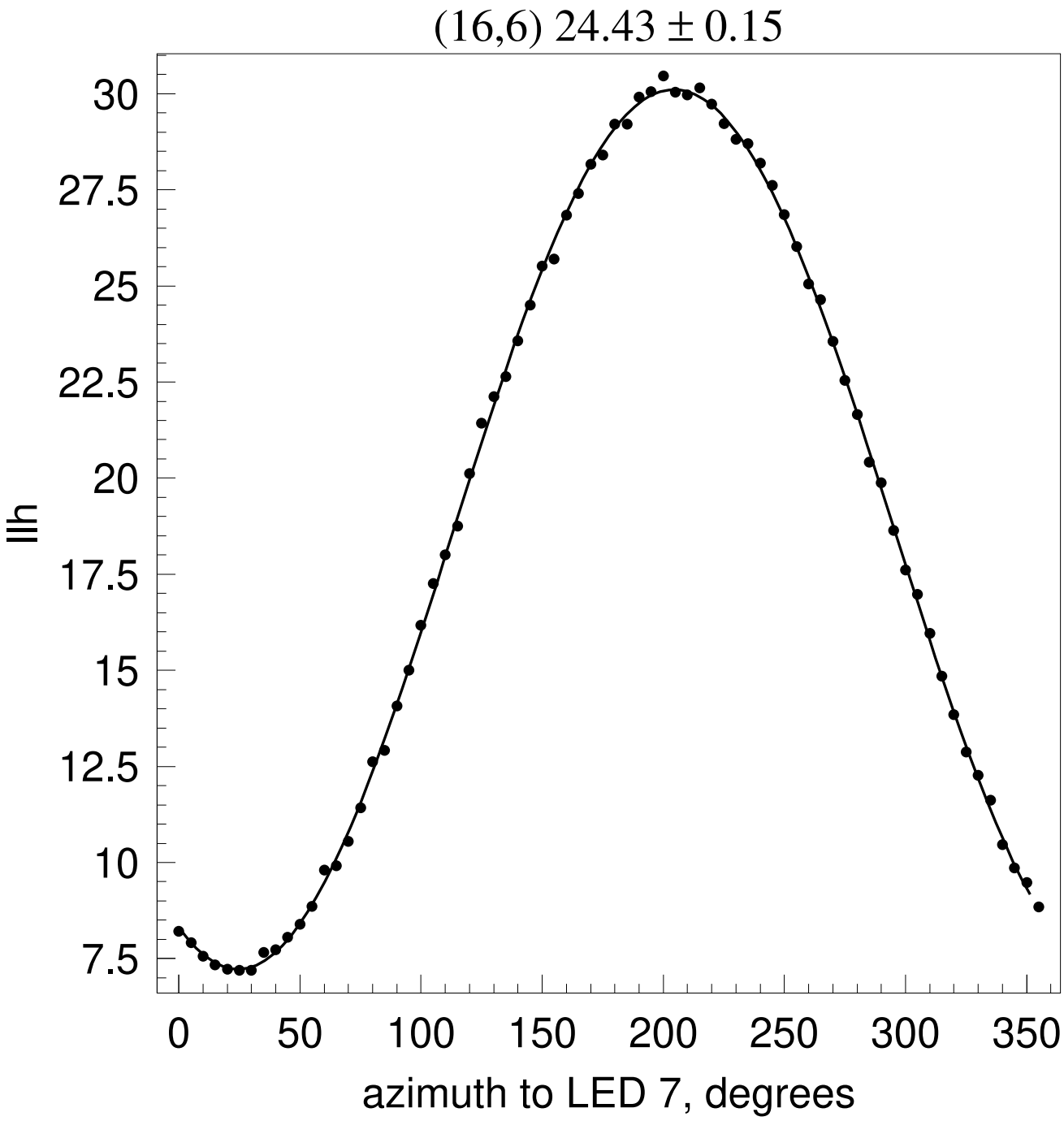

(16,1) 298.27 ± 0.16
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

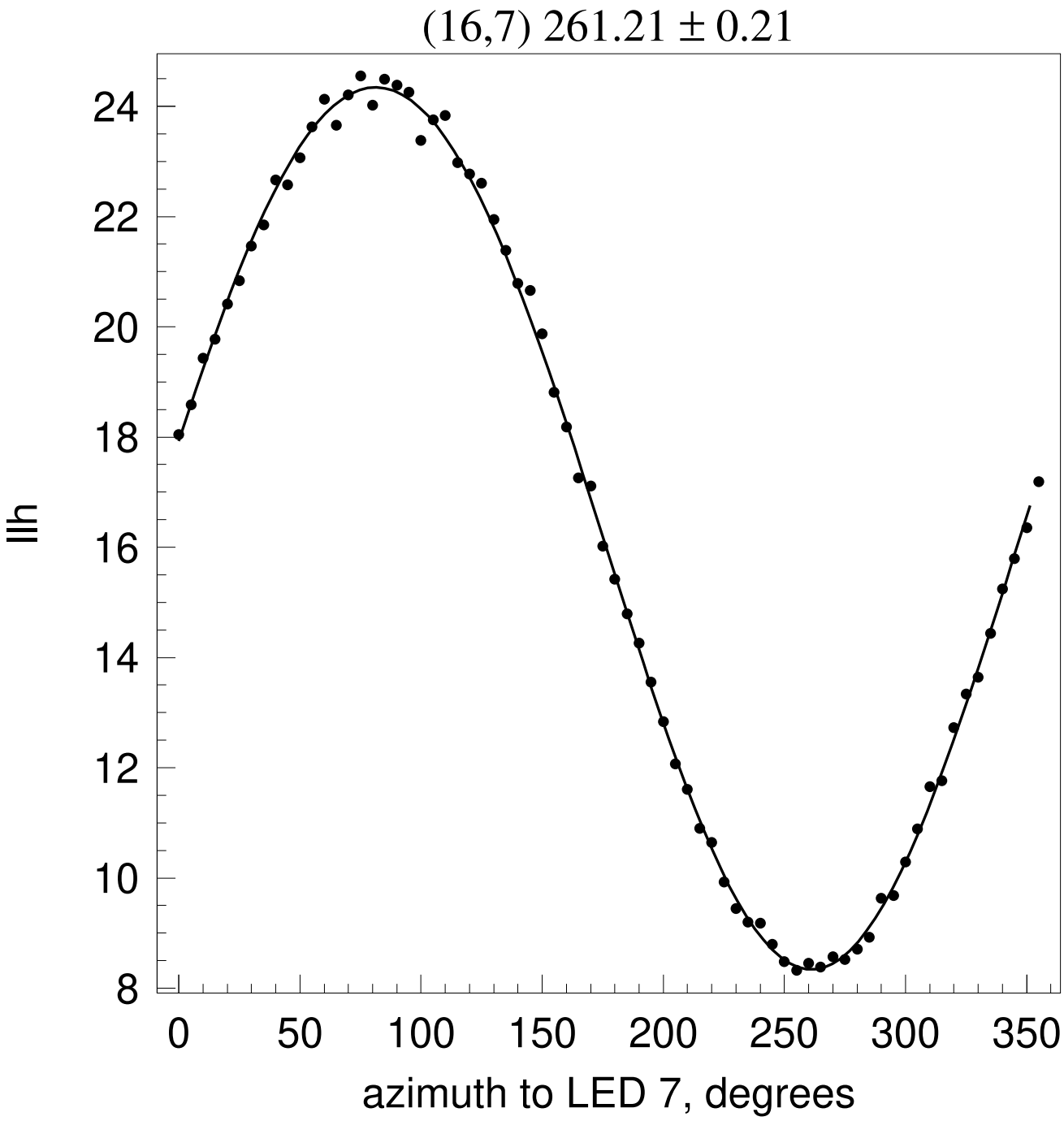

(16,2) 194.19 ± 0.07
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

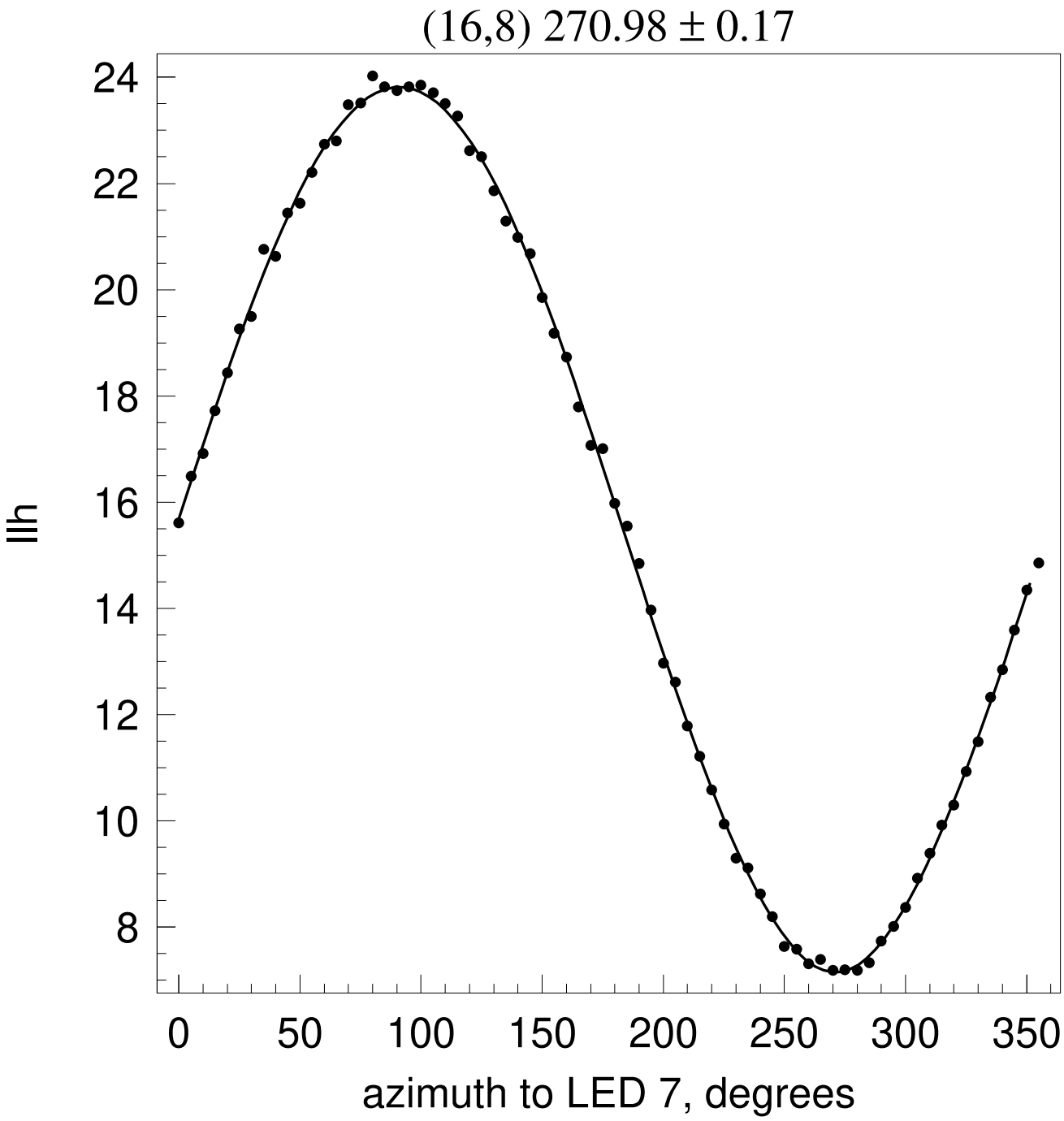

(16,3) 235.65 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

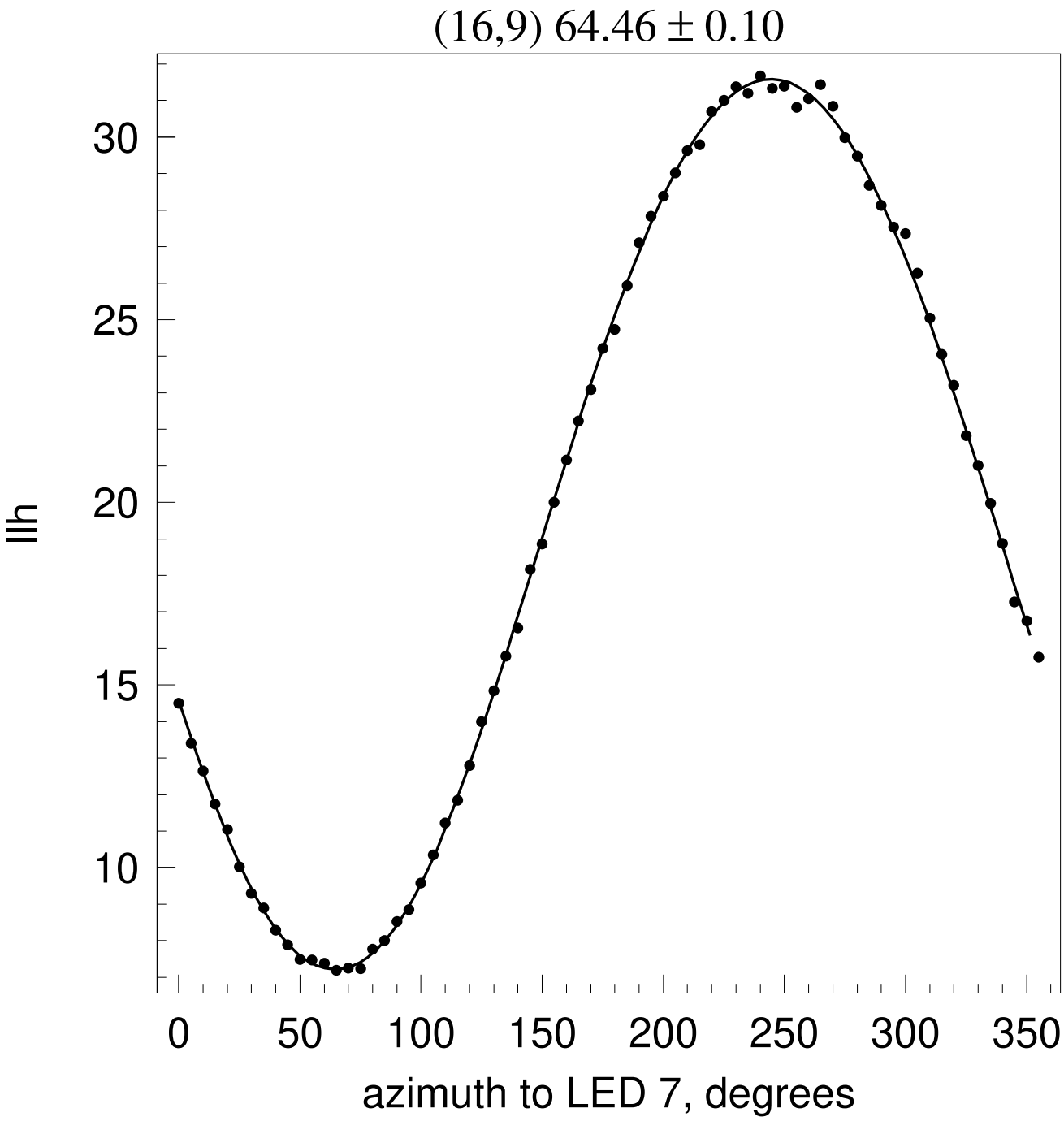

(16,4) 183.03 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

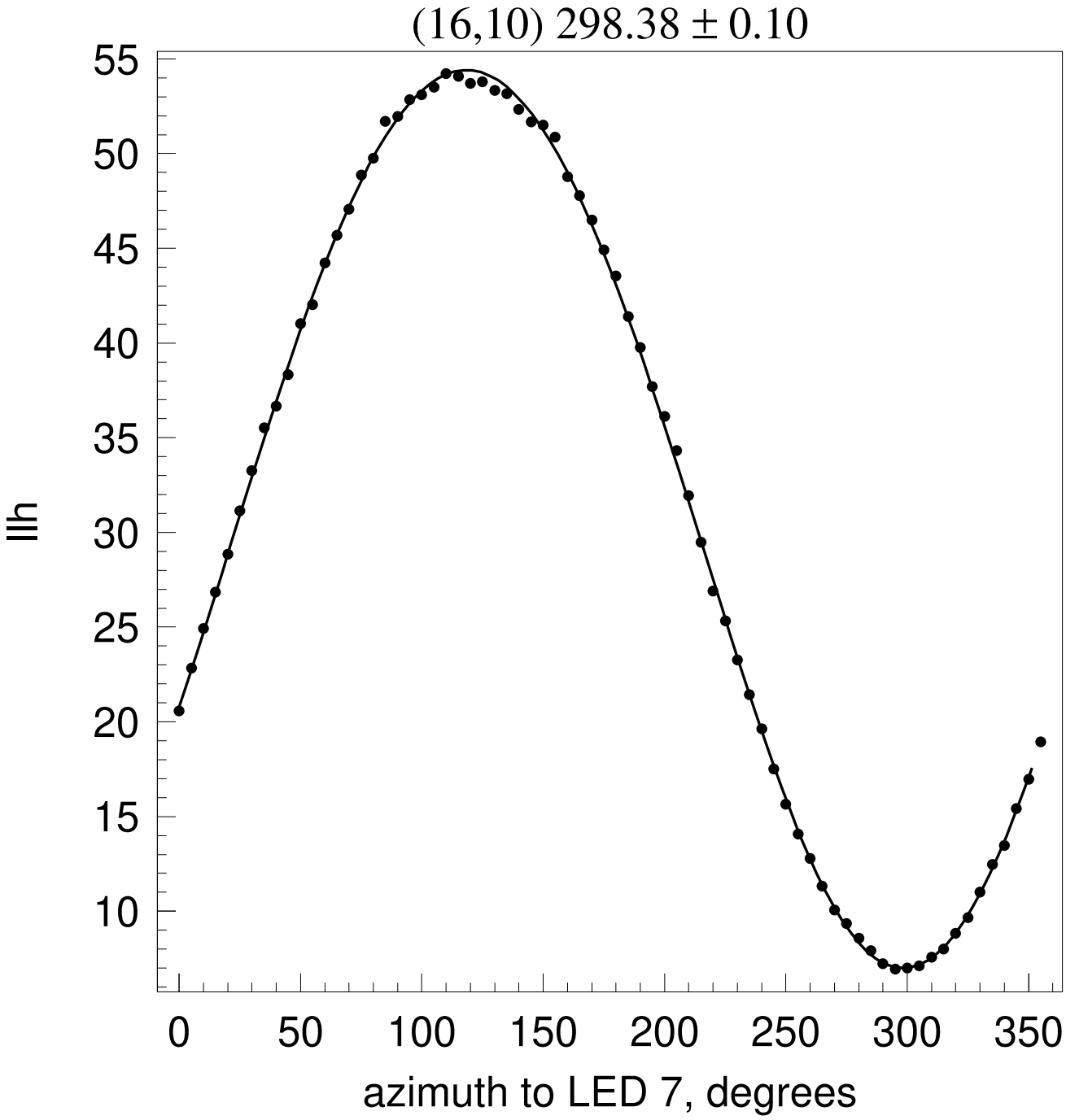

(16,5) 353.59 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

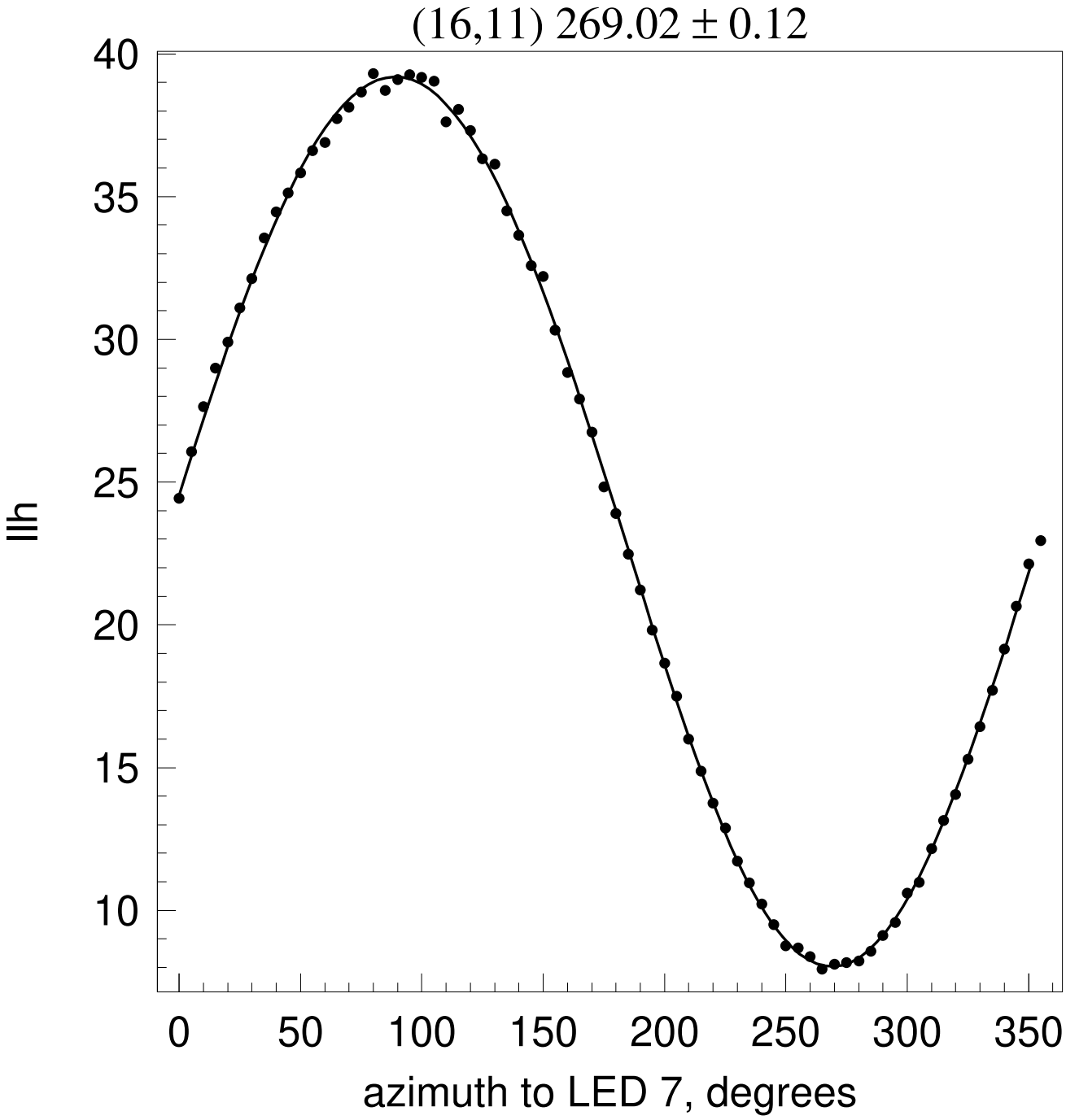

(16,6) 24.43 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

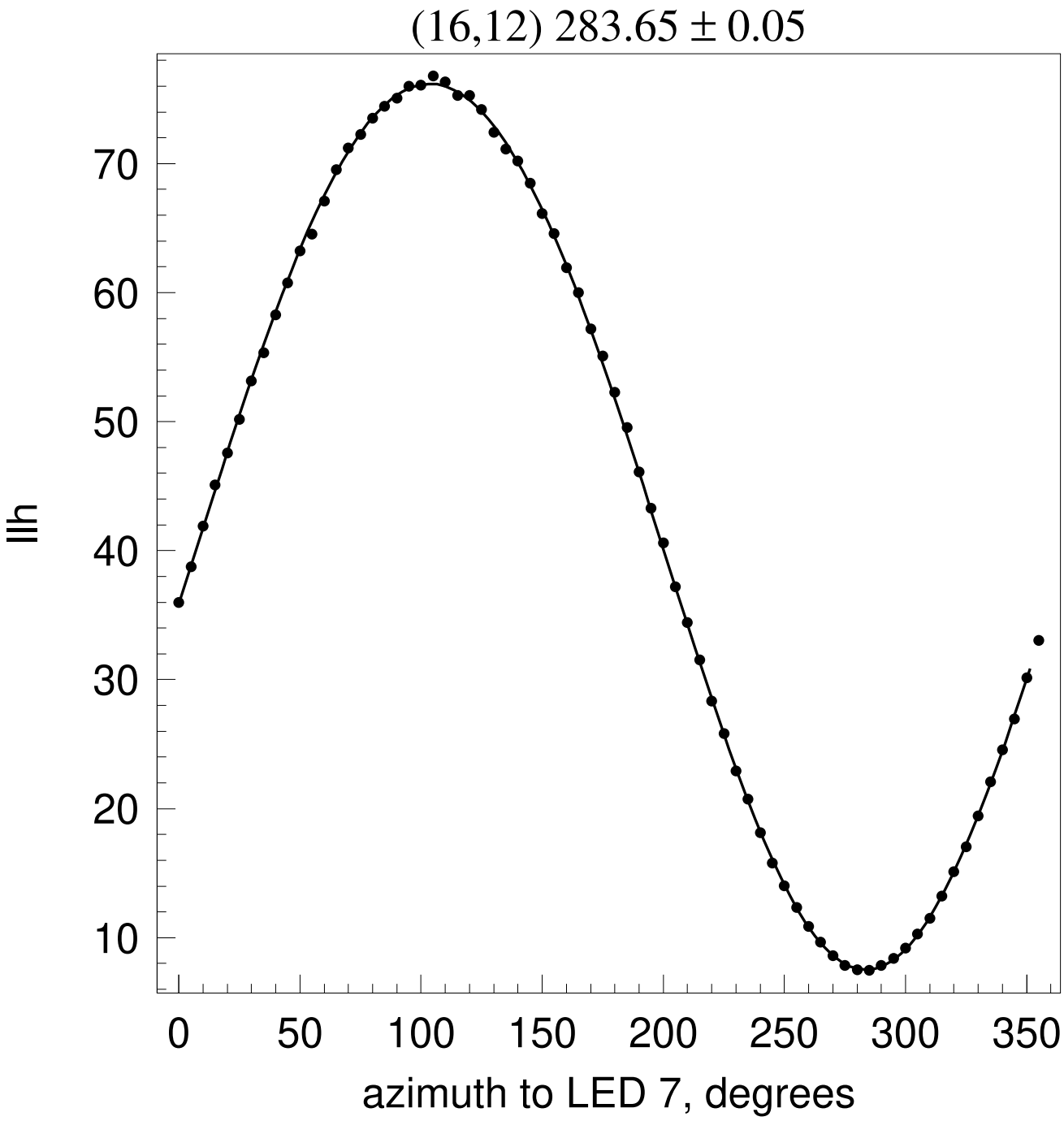

(16,7) 261.21 ± 0.21
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

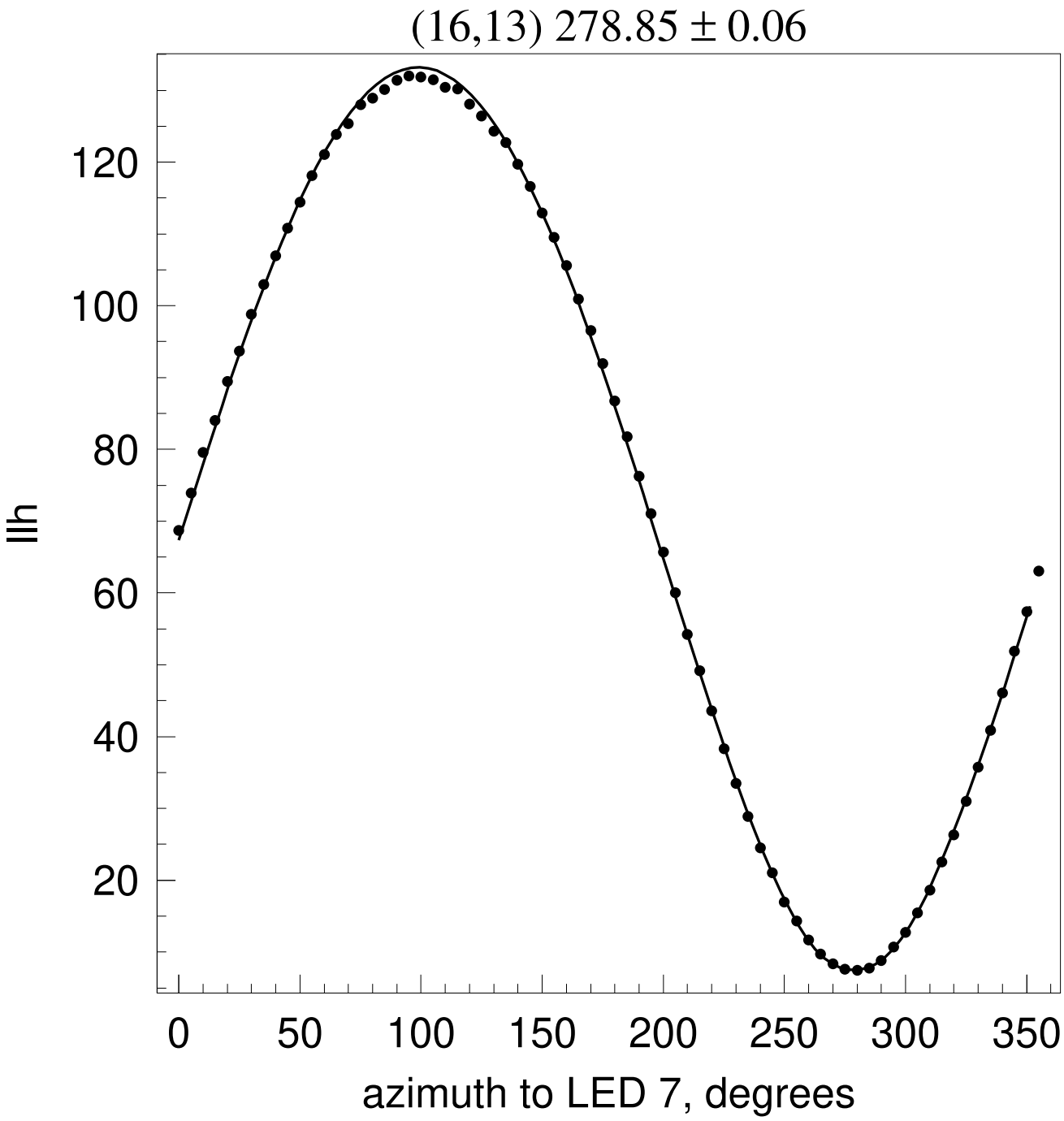

(16,8) 270.98 ± 0.17
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

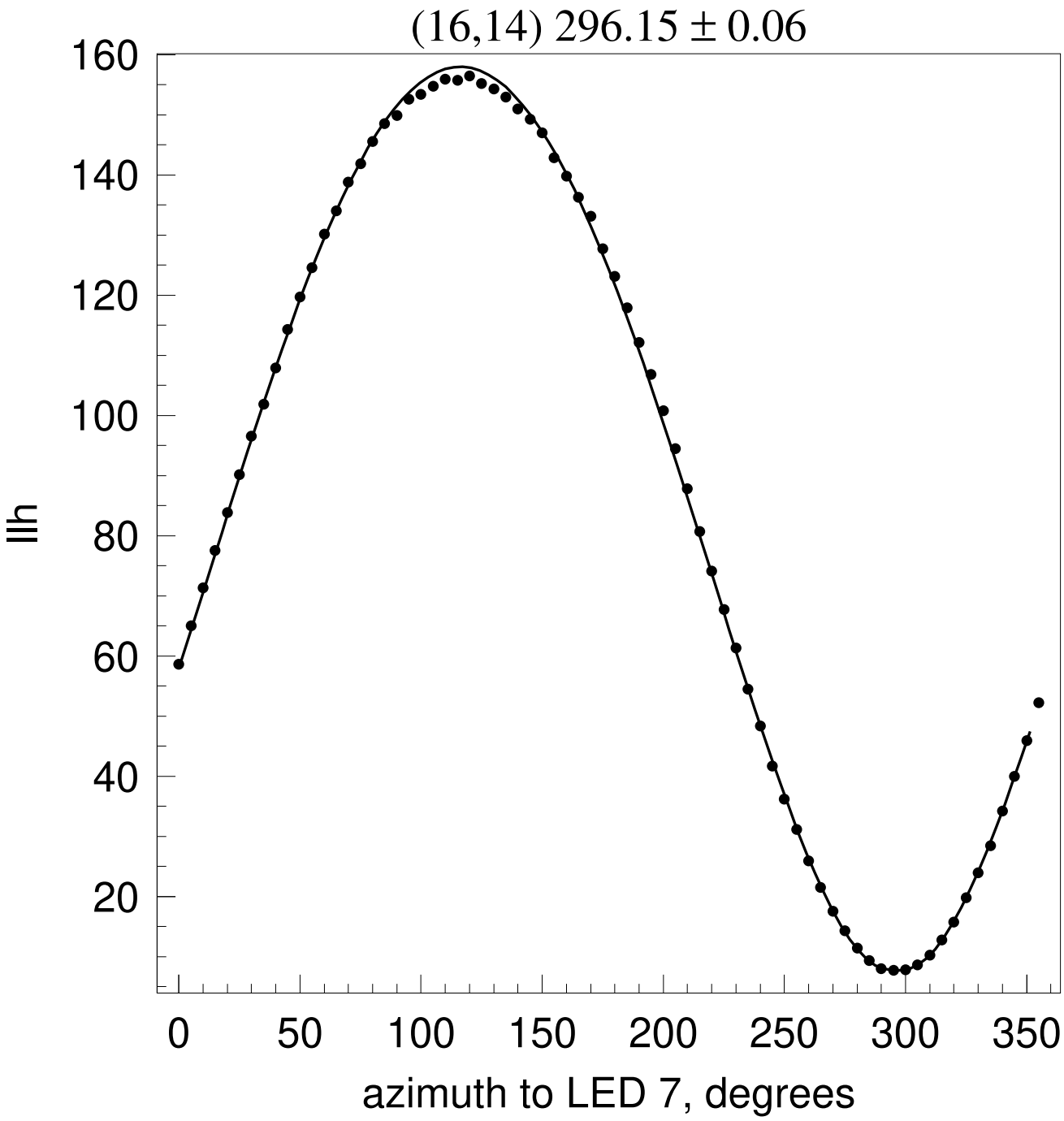

(16,9) 64.46 ± 0.10
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

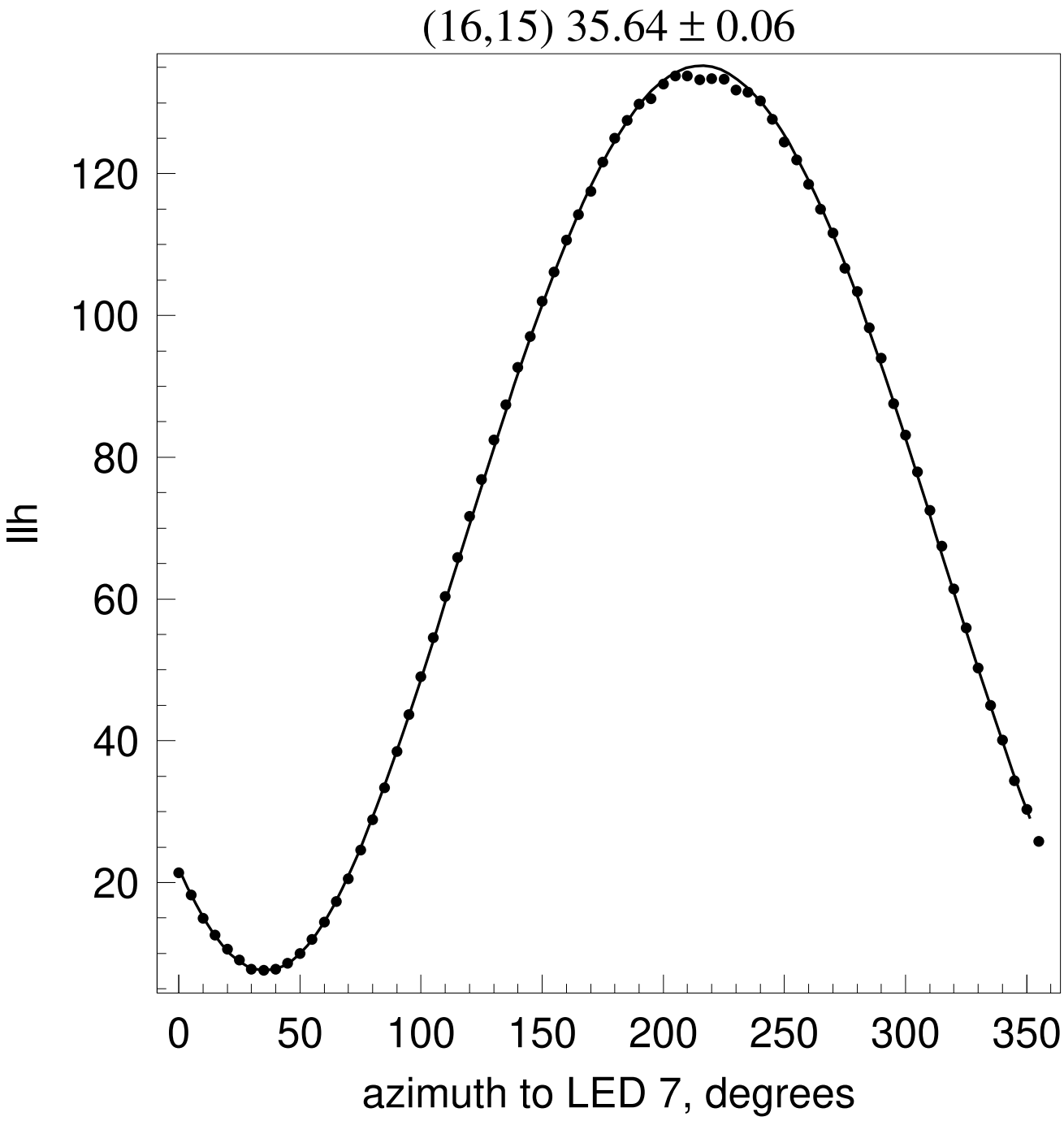

(16,10) 298.38 ± 0.10
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

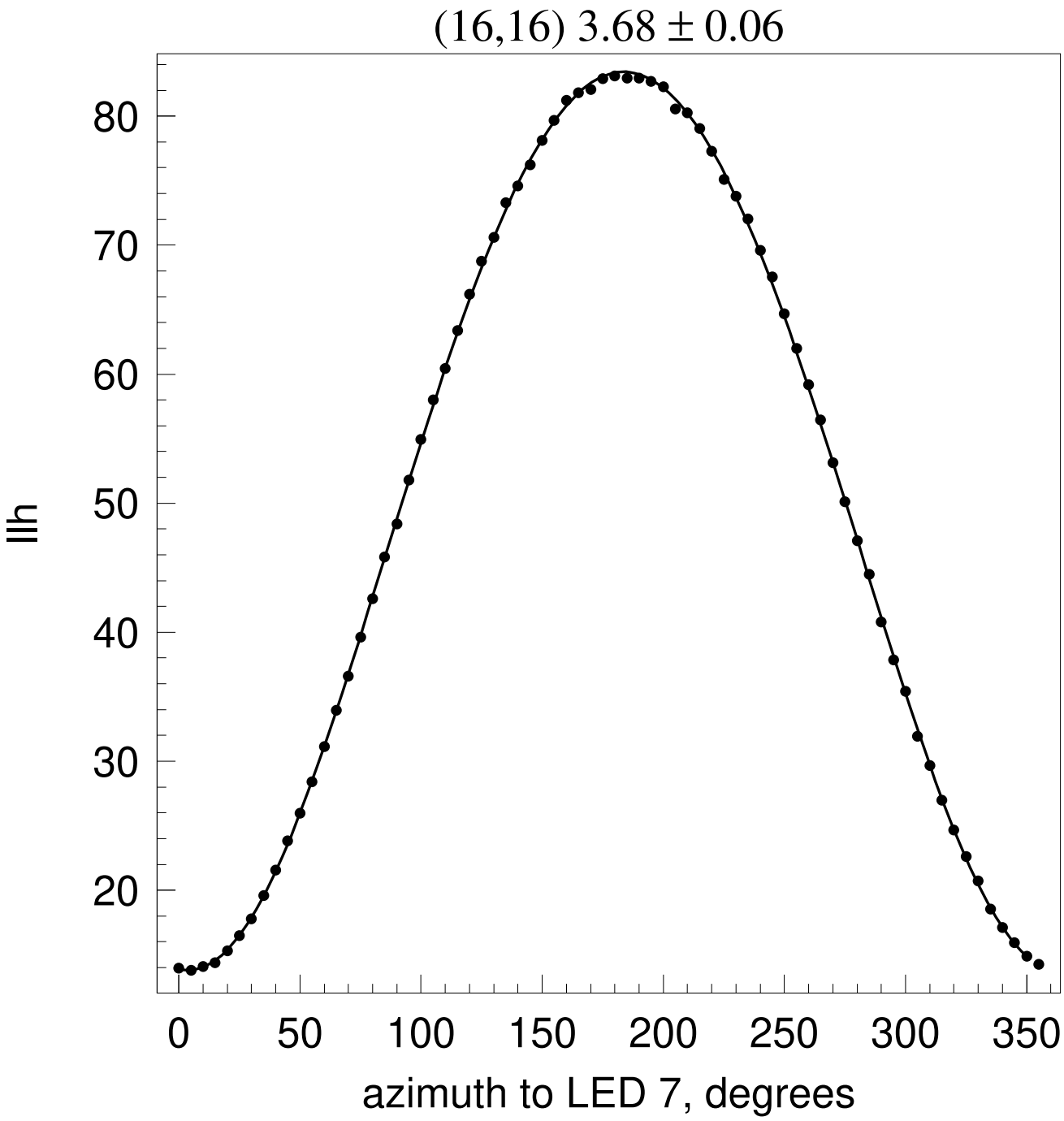

(16,11) 269.02 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

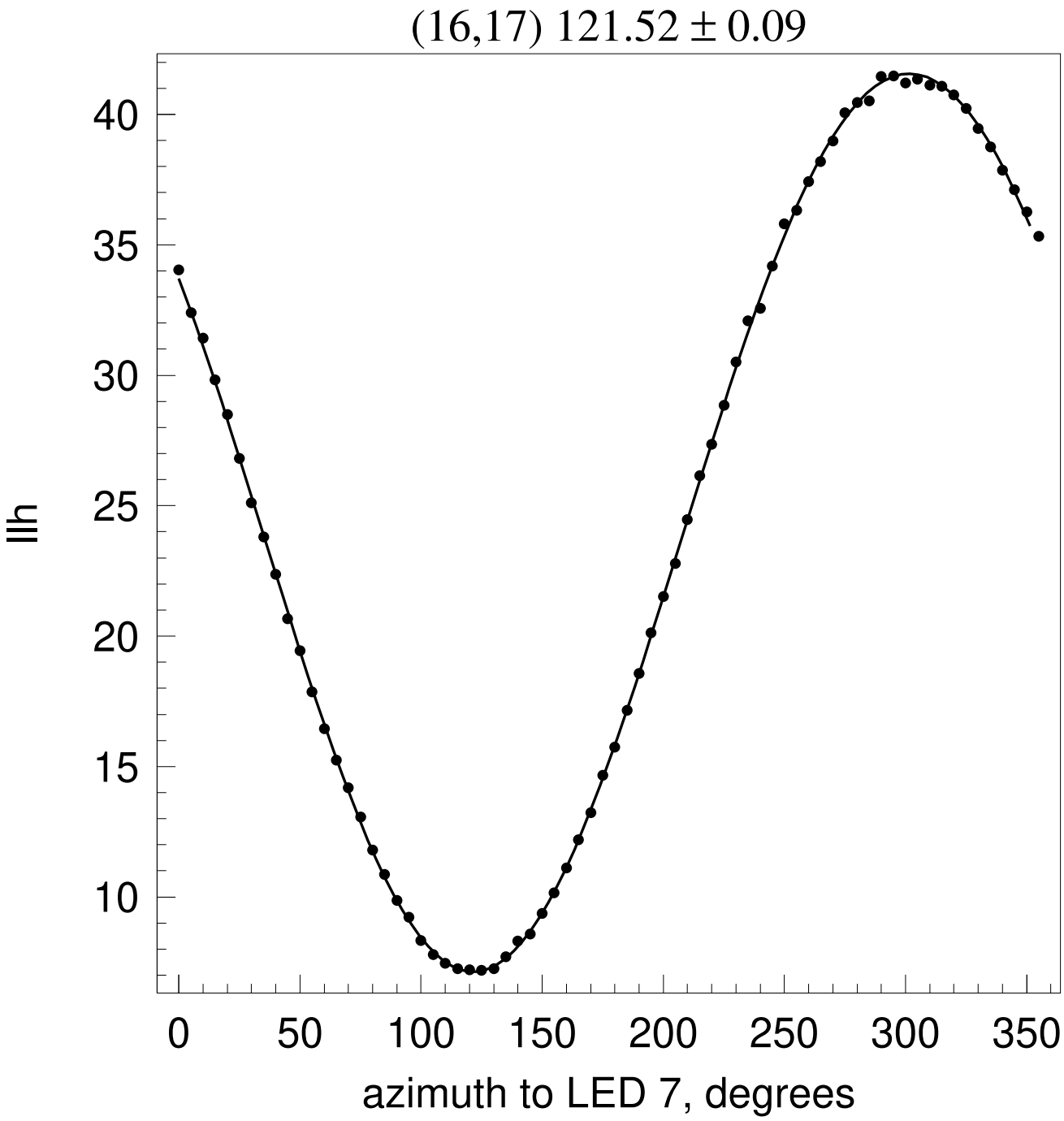

(16,12) 283.65 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

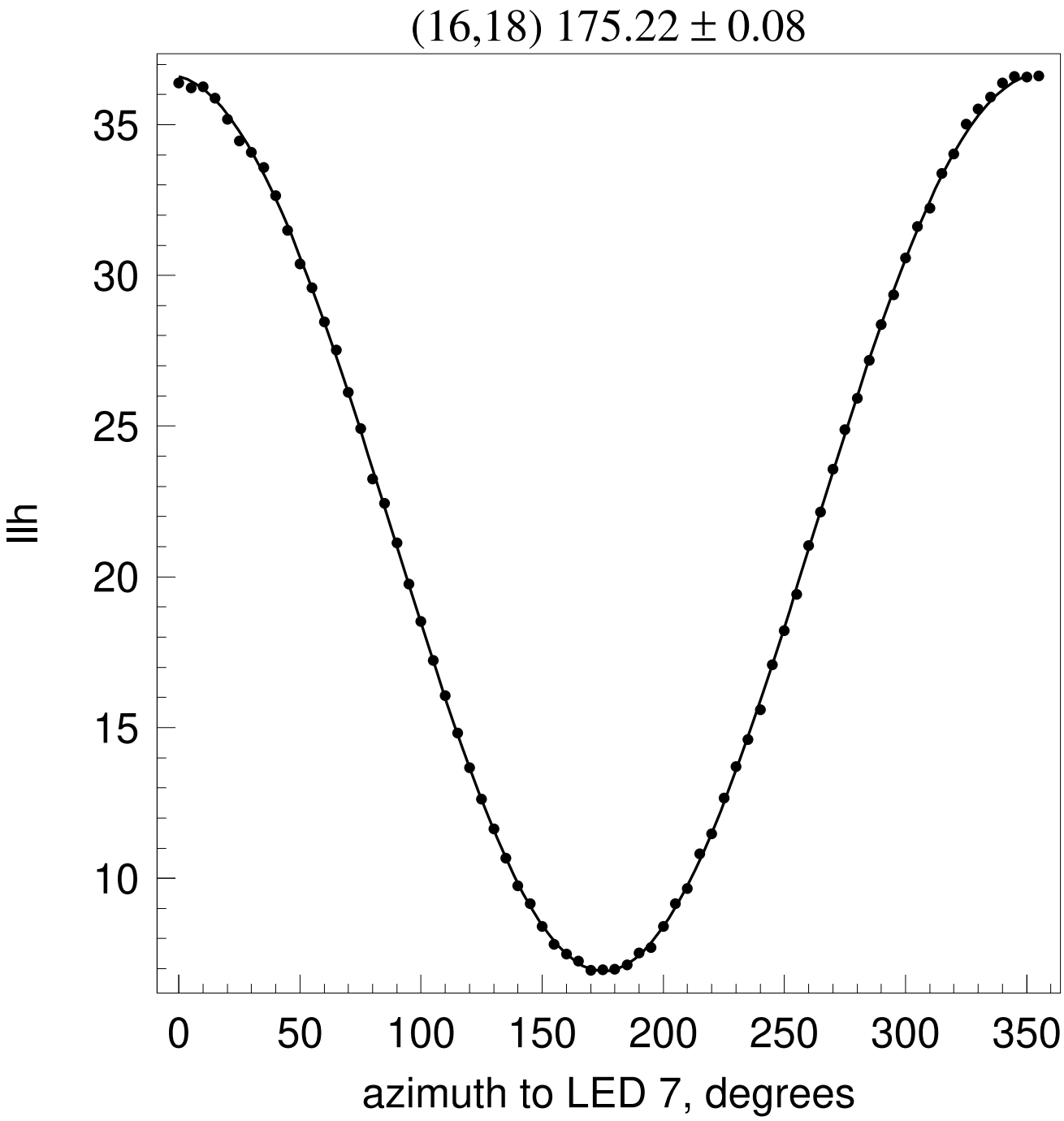

(16,13) 278.85 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

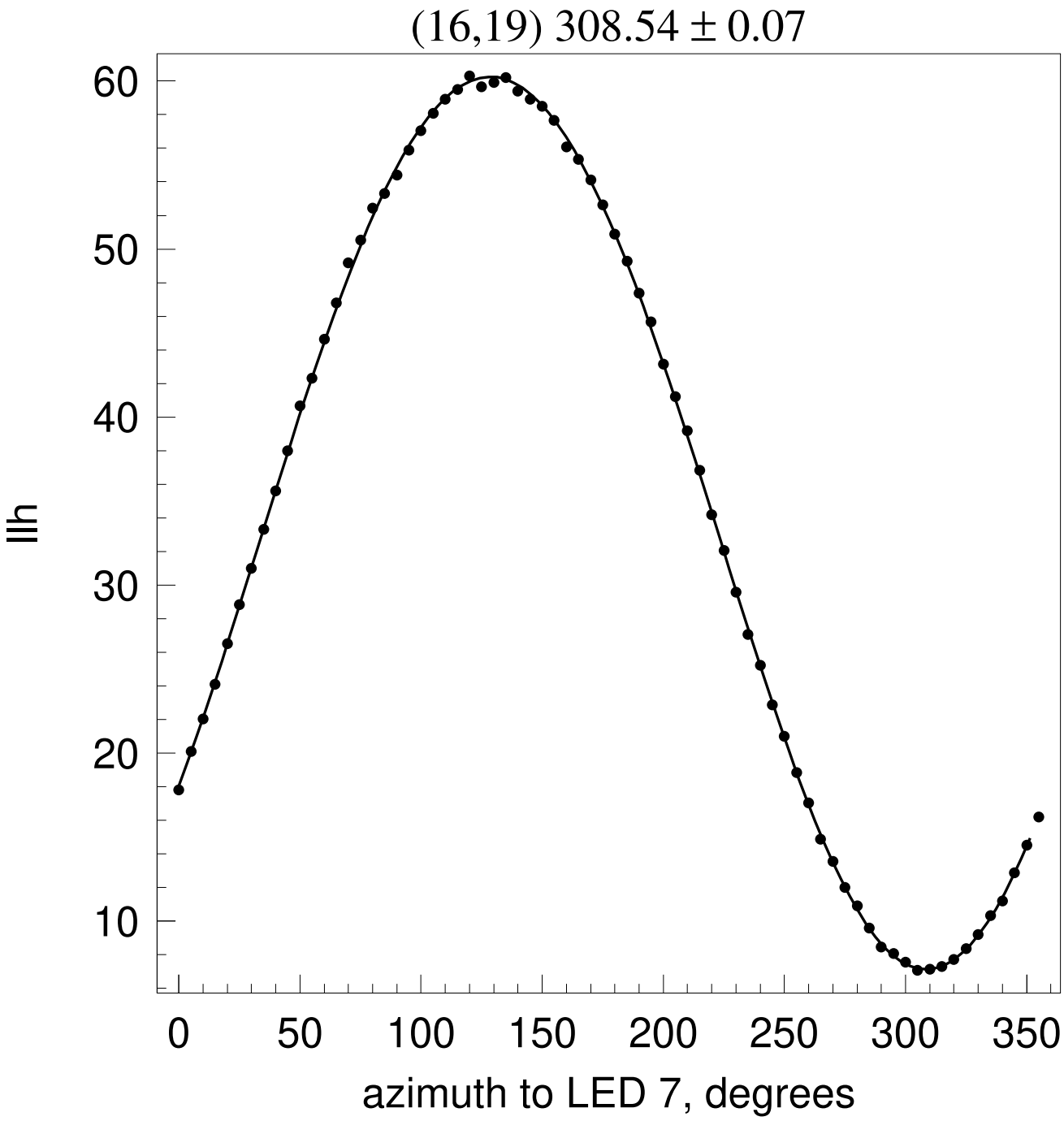

(16,14) 296.15 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

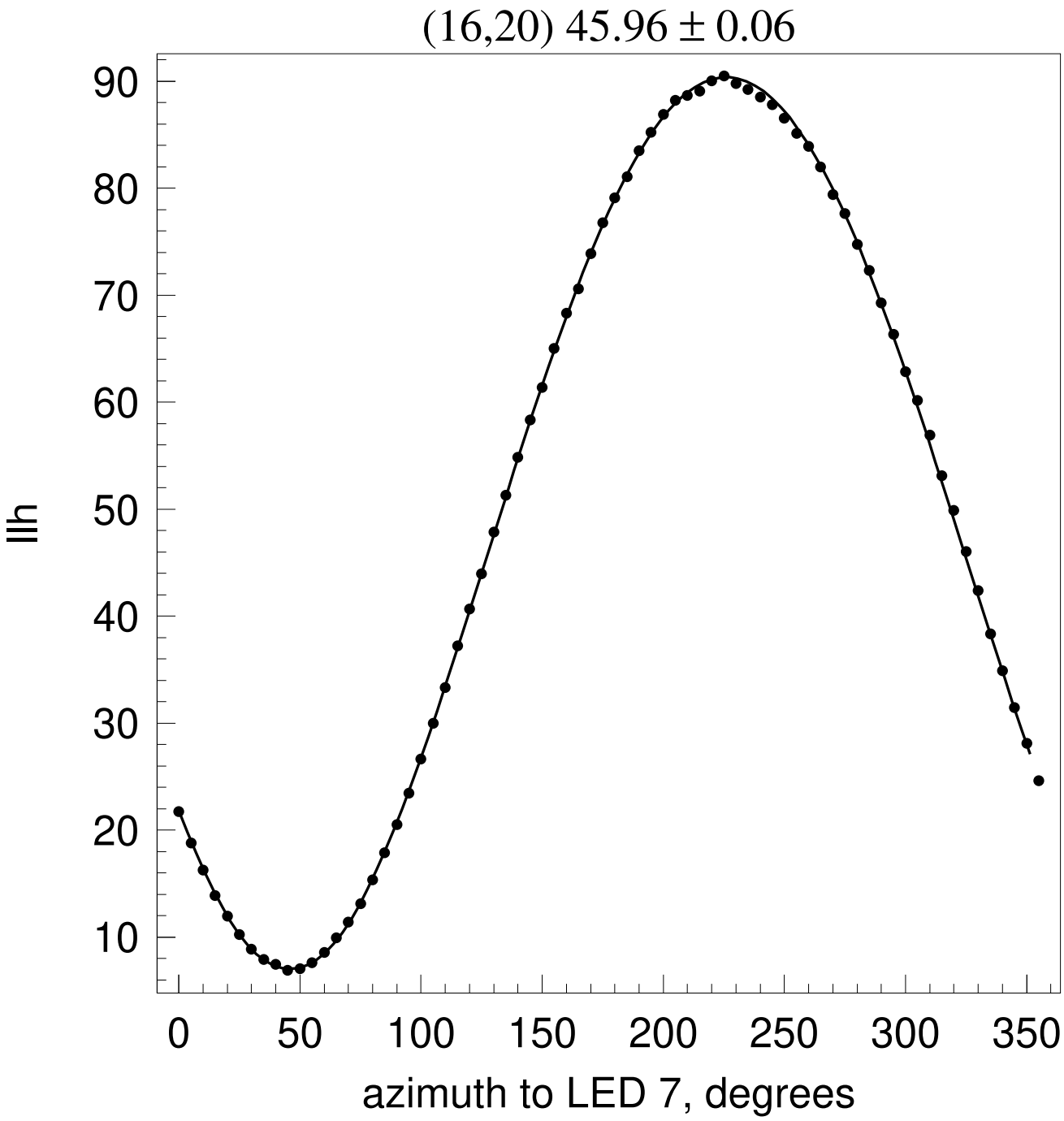

(16,15) 35.64 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

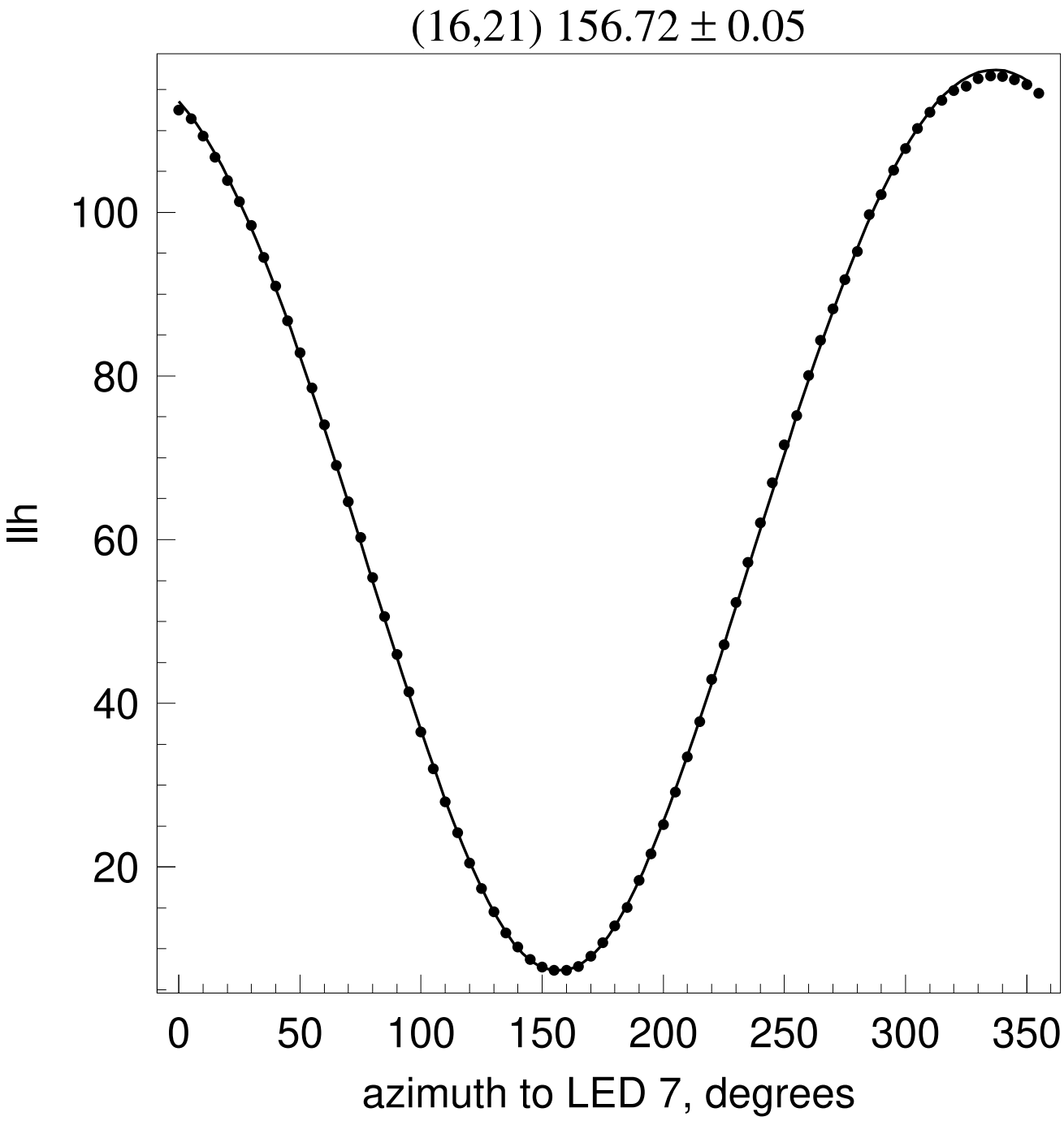

(16,16) 3.68 ± 0.06
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

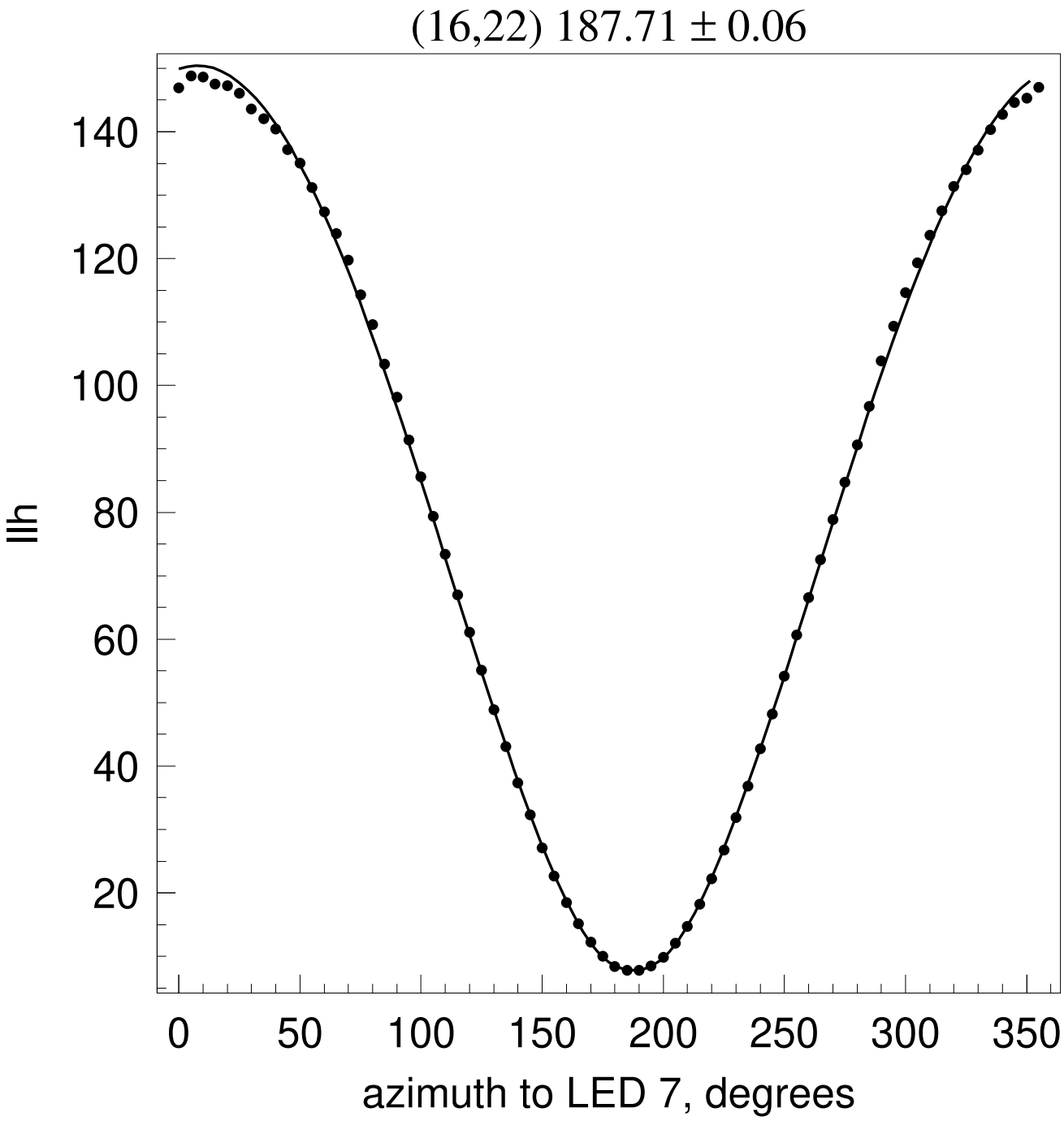

(16,17) 121.52 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

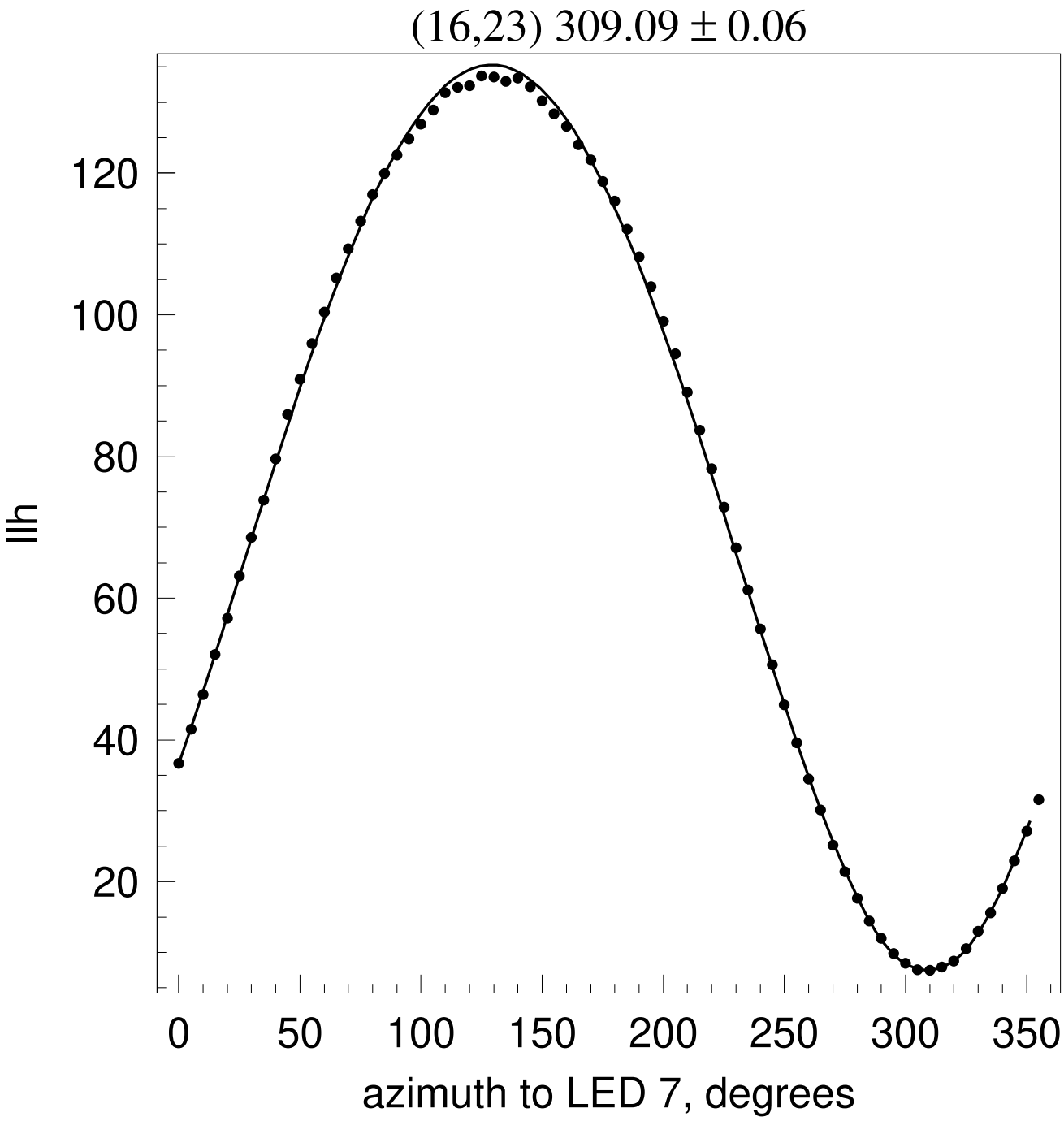

(16,18) 175.22 ± 0.08
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

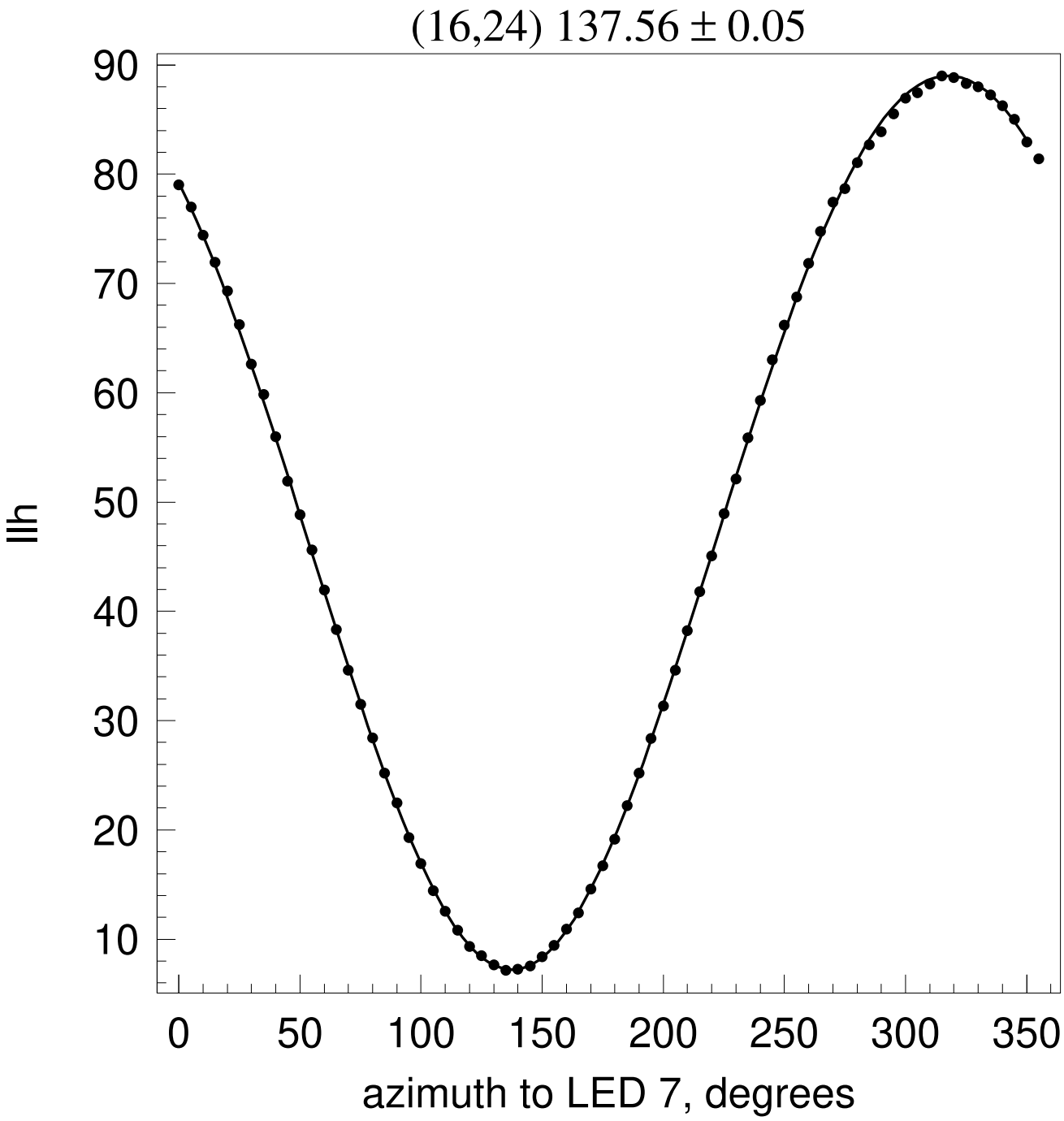

(16,19) 308.54 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

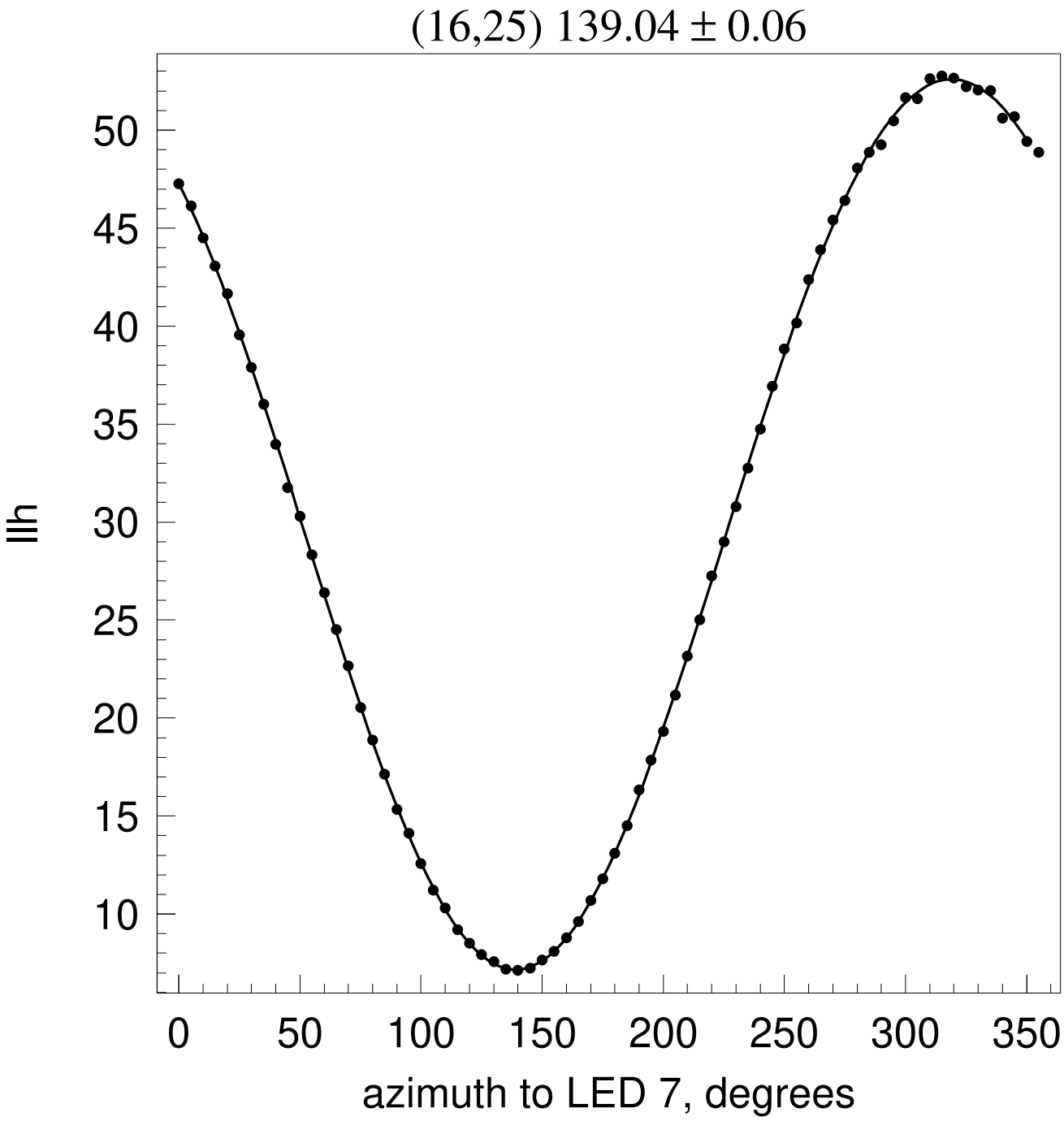

(16,20) 45.96 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

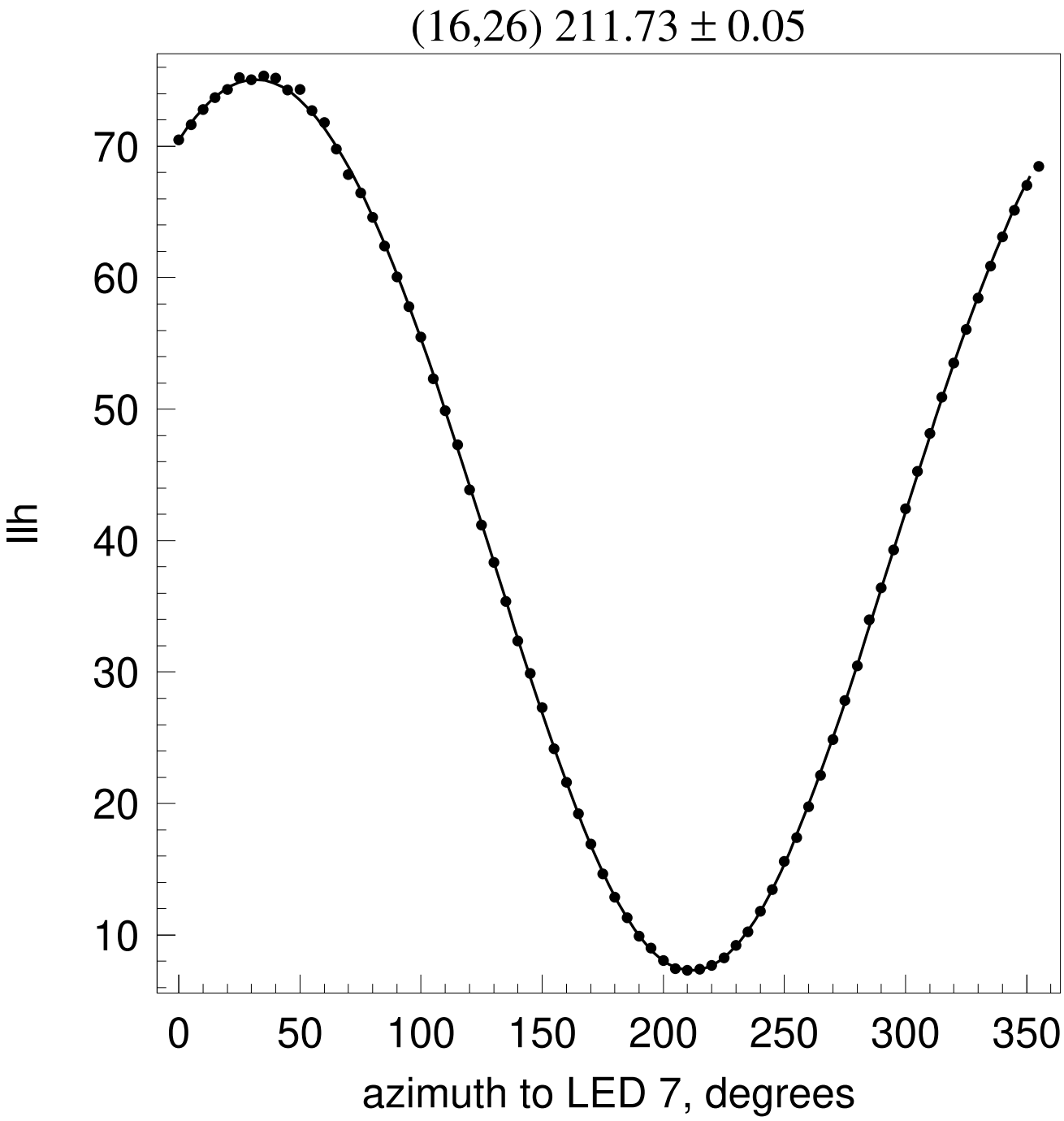

(16,21) 156.72 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

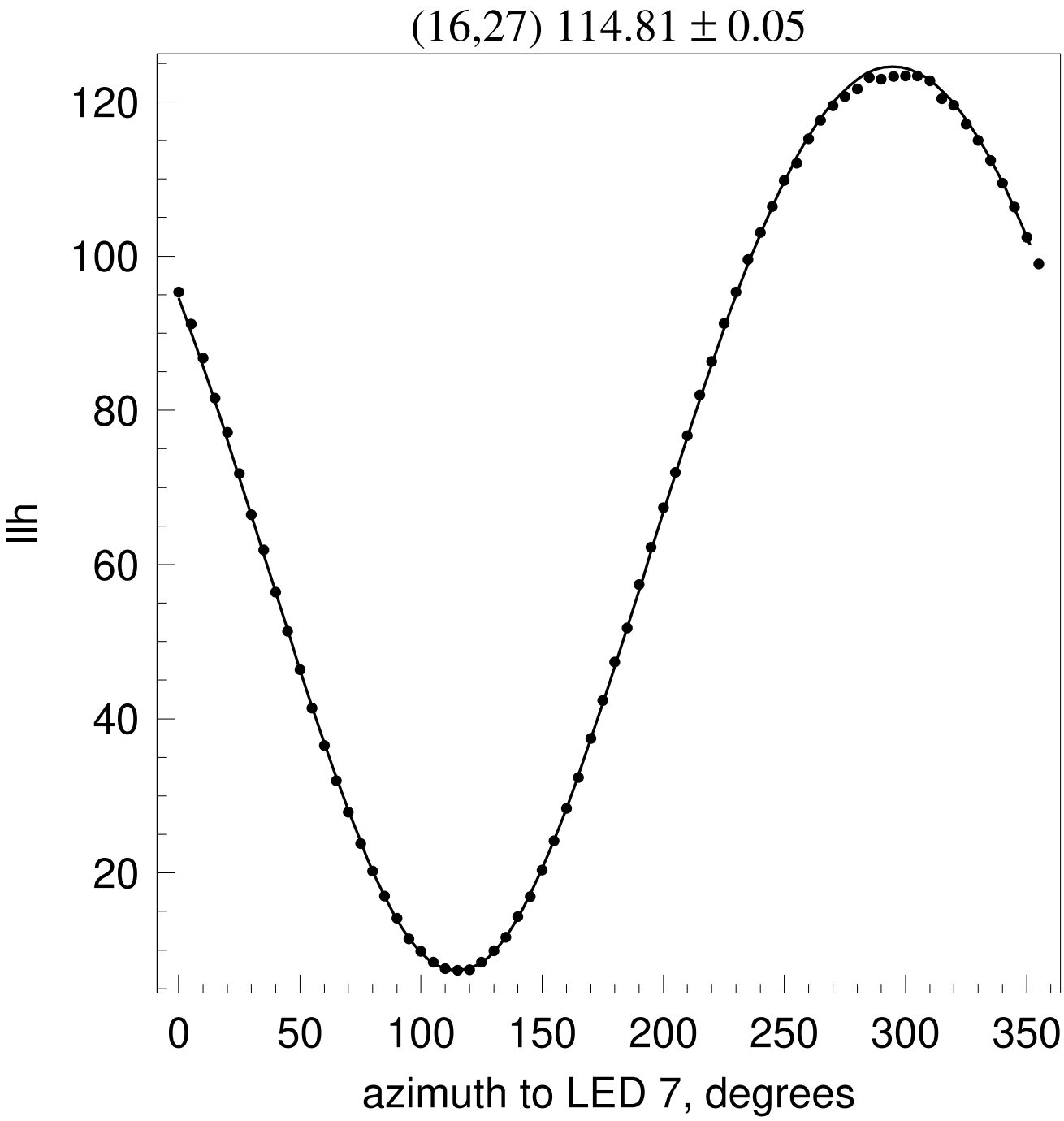

(16,22) 187.71 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

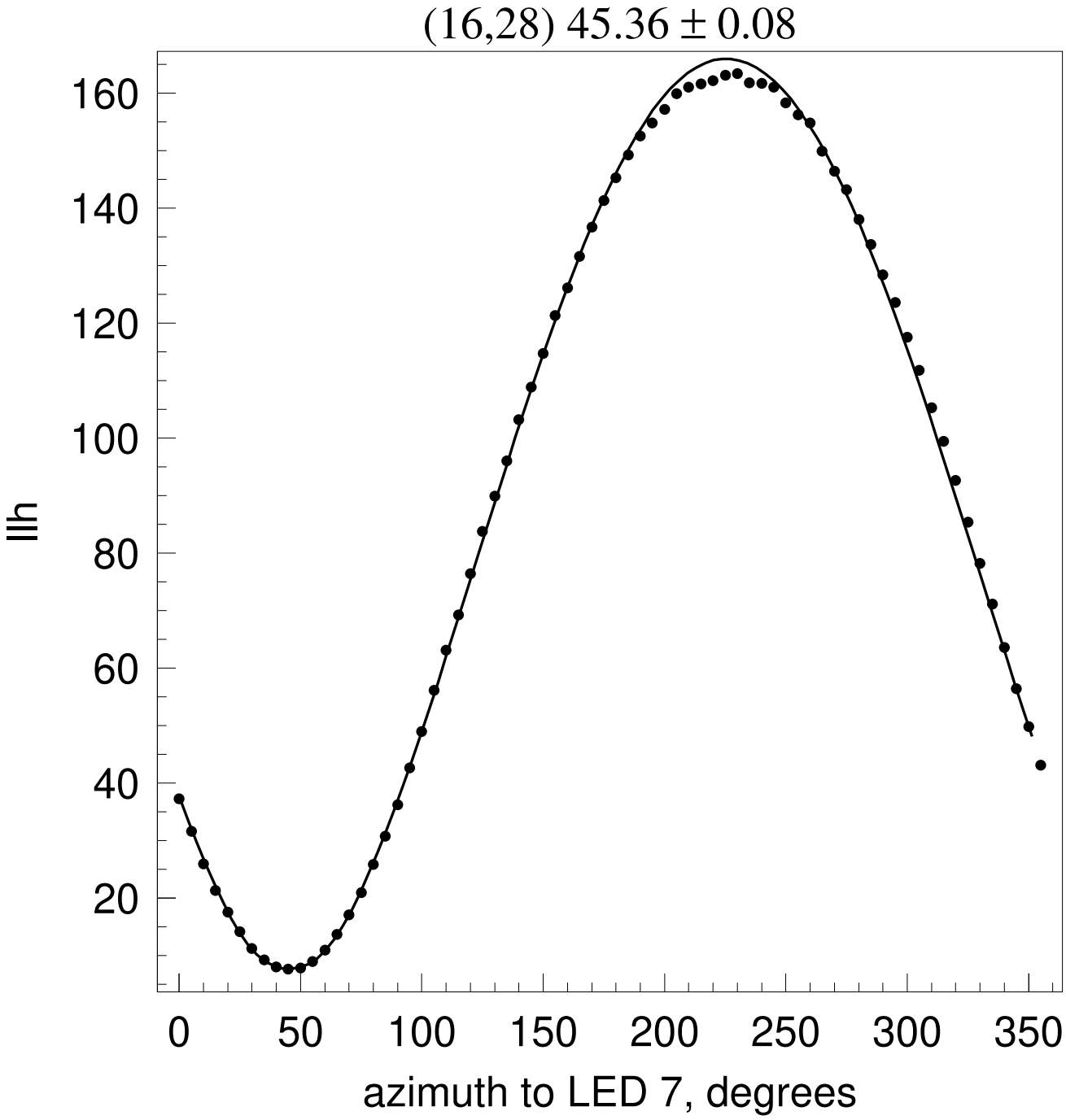

(16,23) 309.09 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

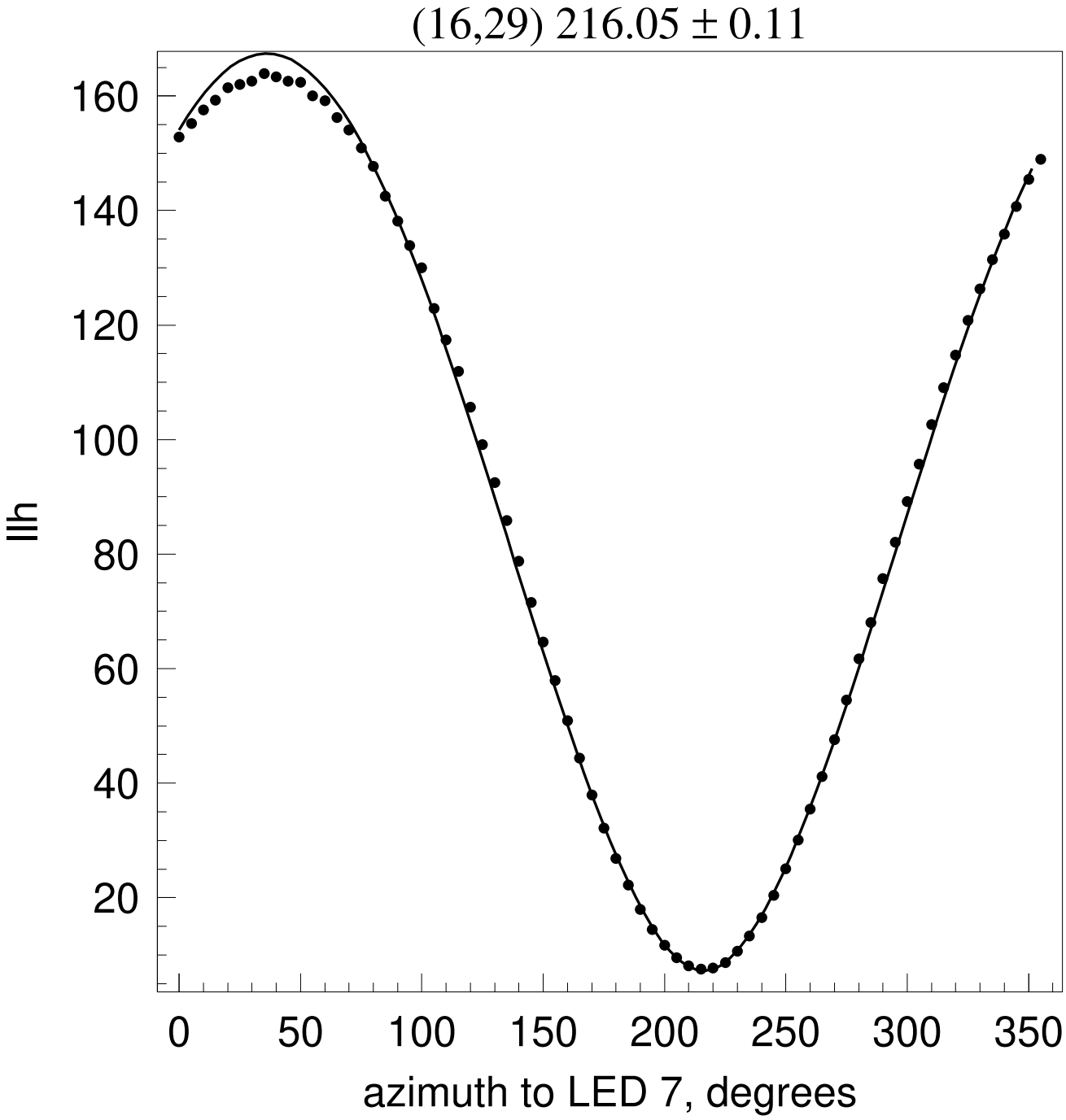

(16,24) 137.56 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

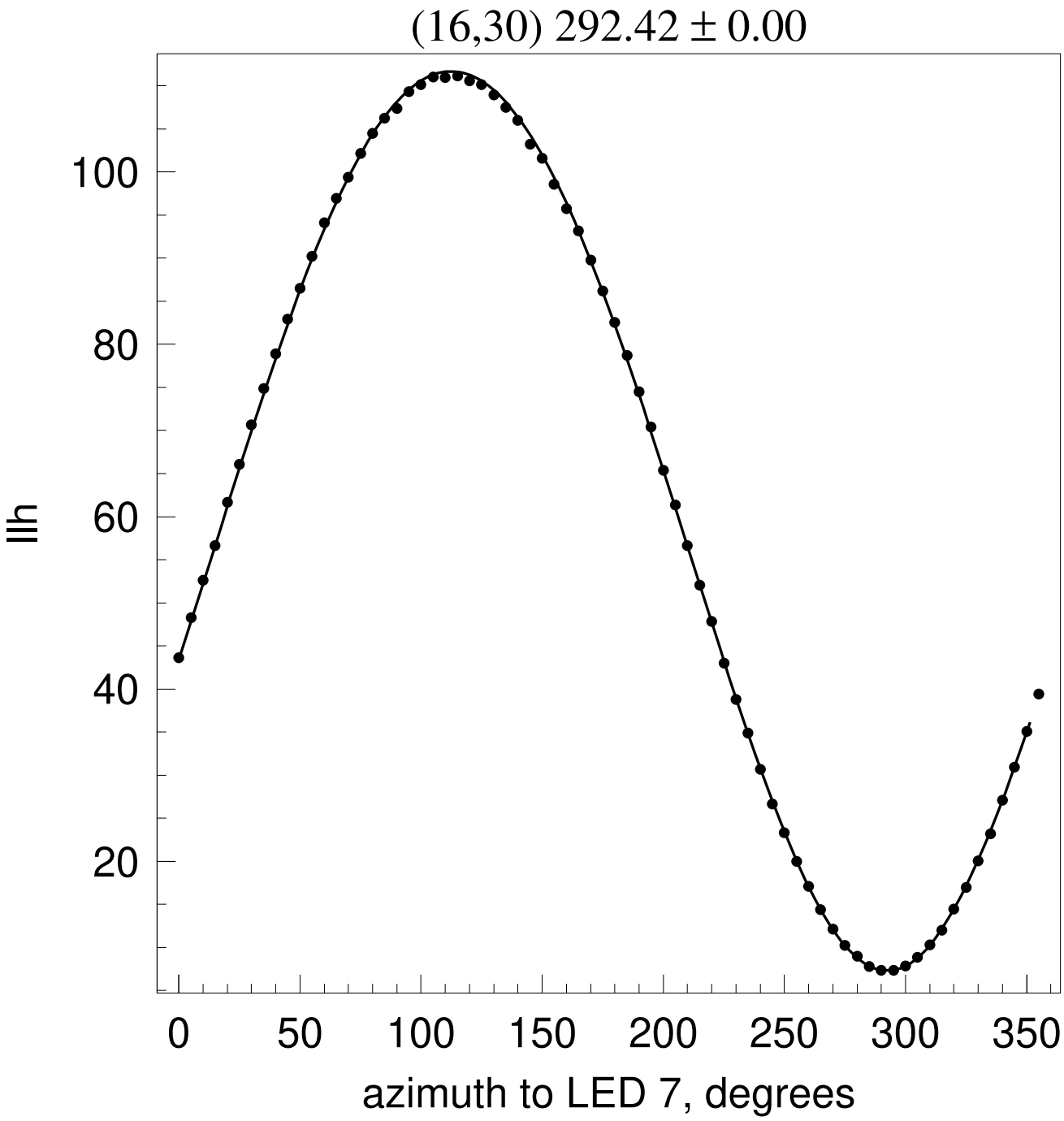

(16,25) 139.04 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

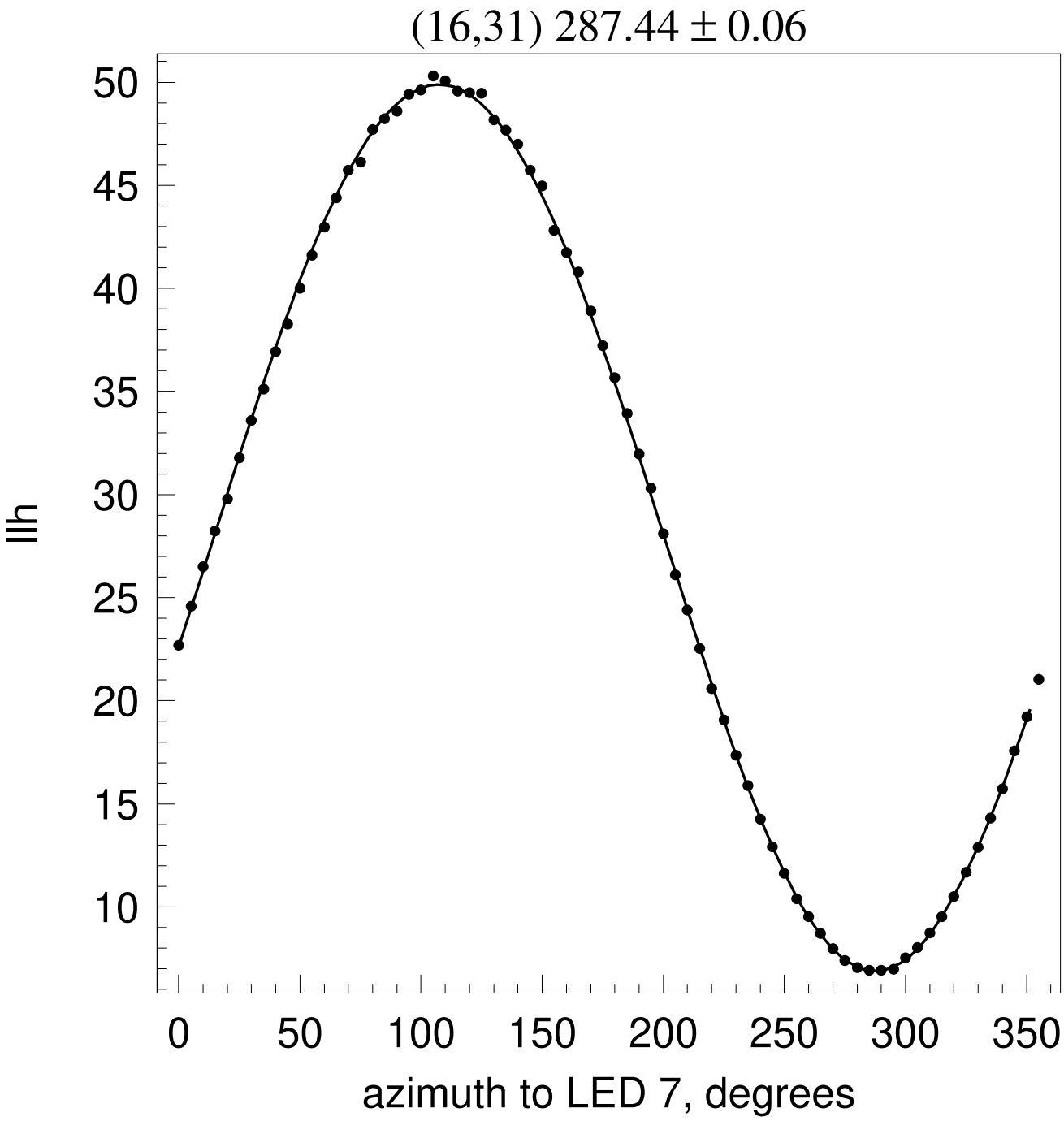

(16,26) 211.73 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

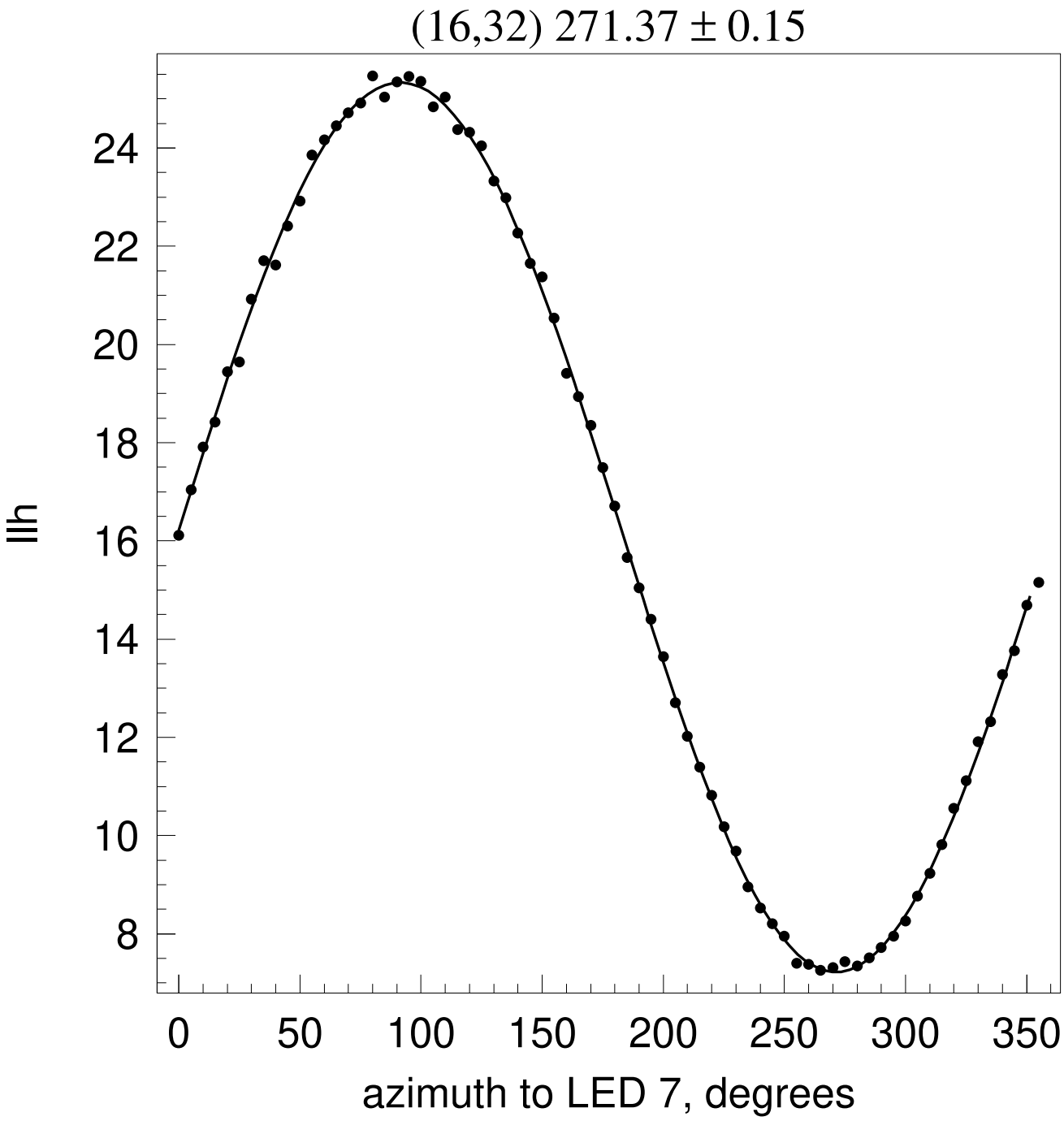

(16,27) 114.81 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

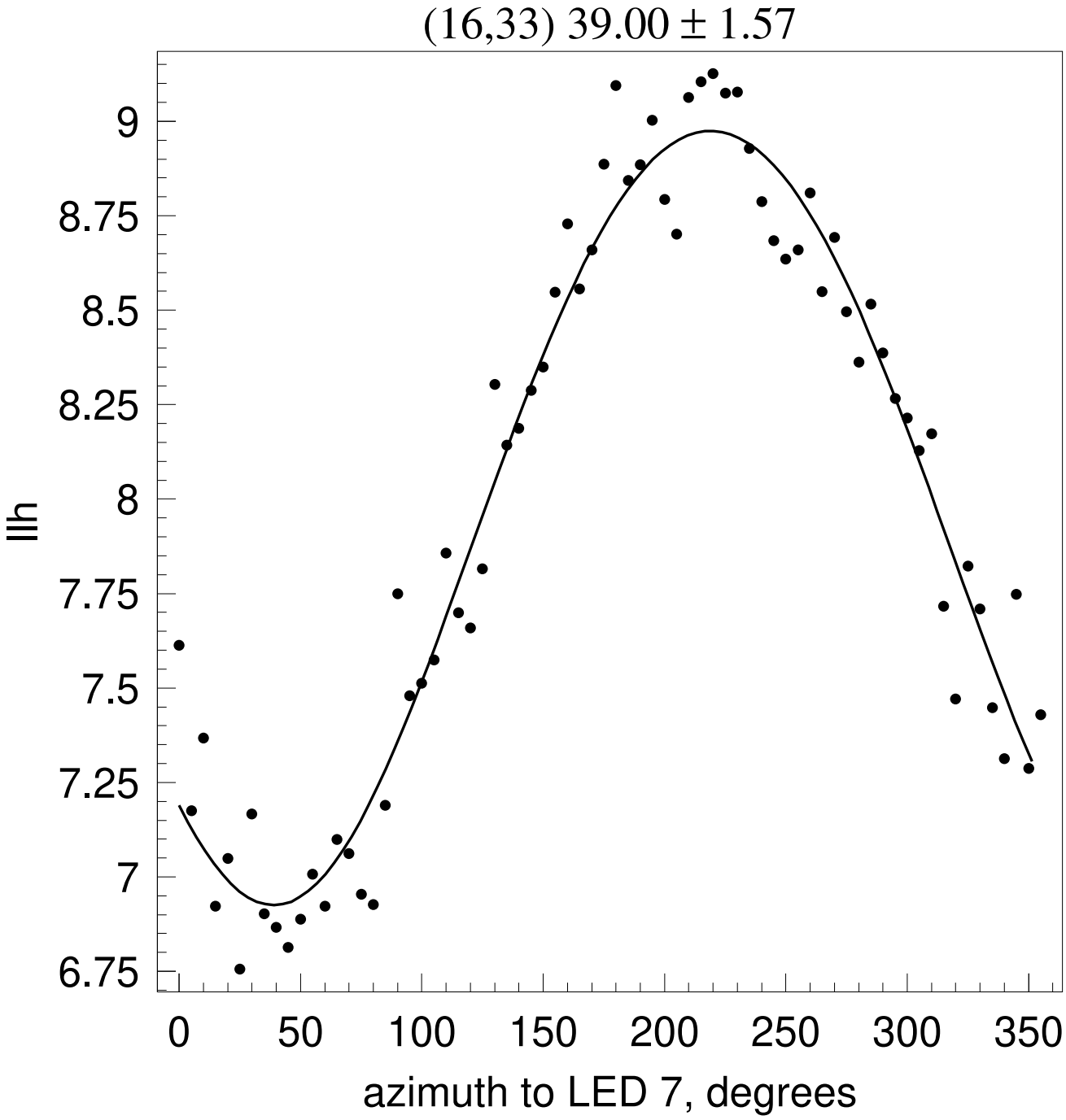

(16,28) 45.36 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

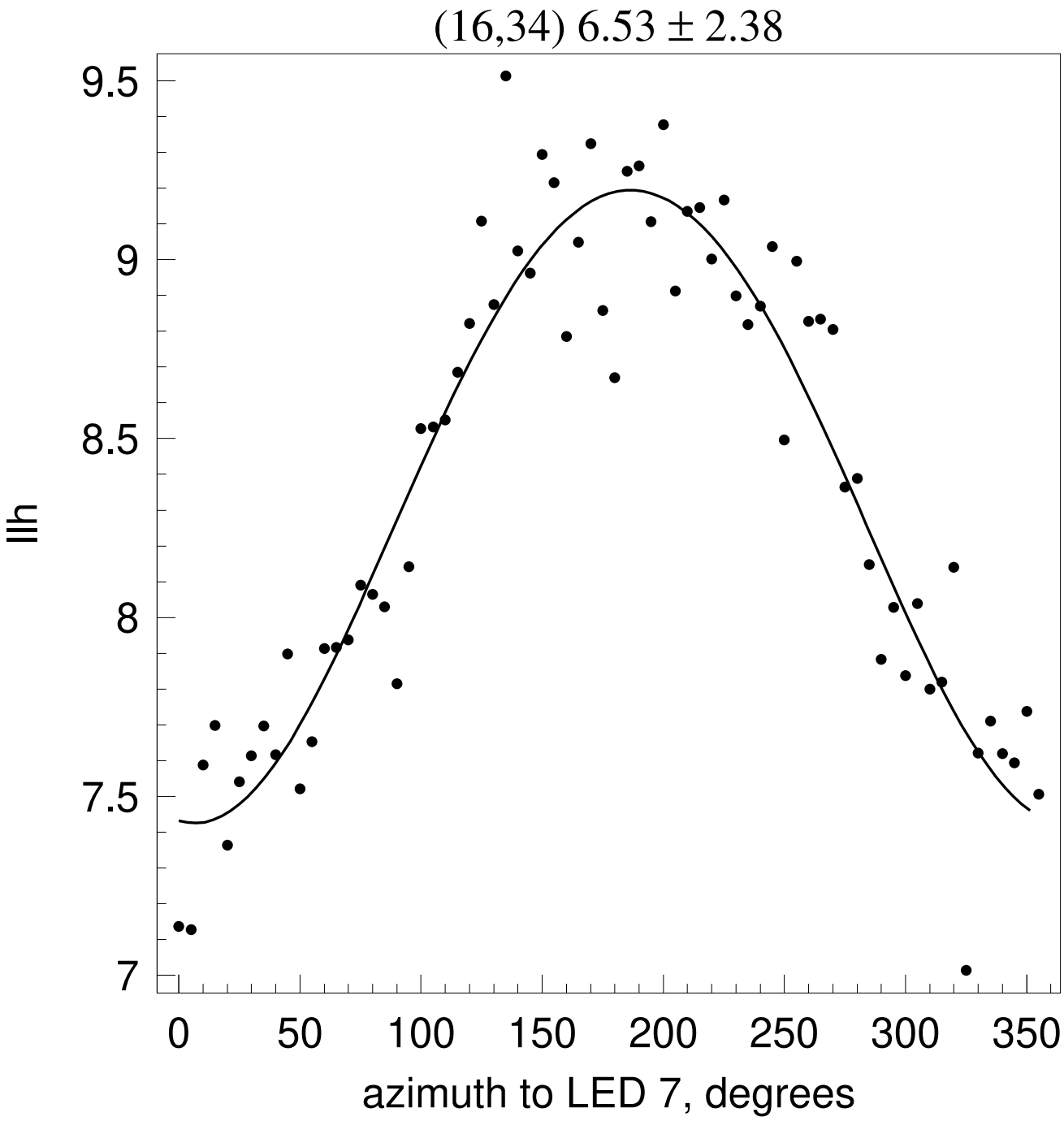

(16,29) 216.05 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

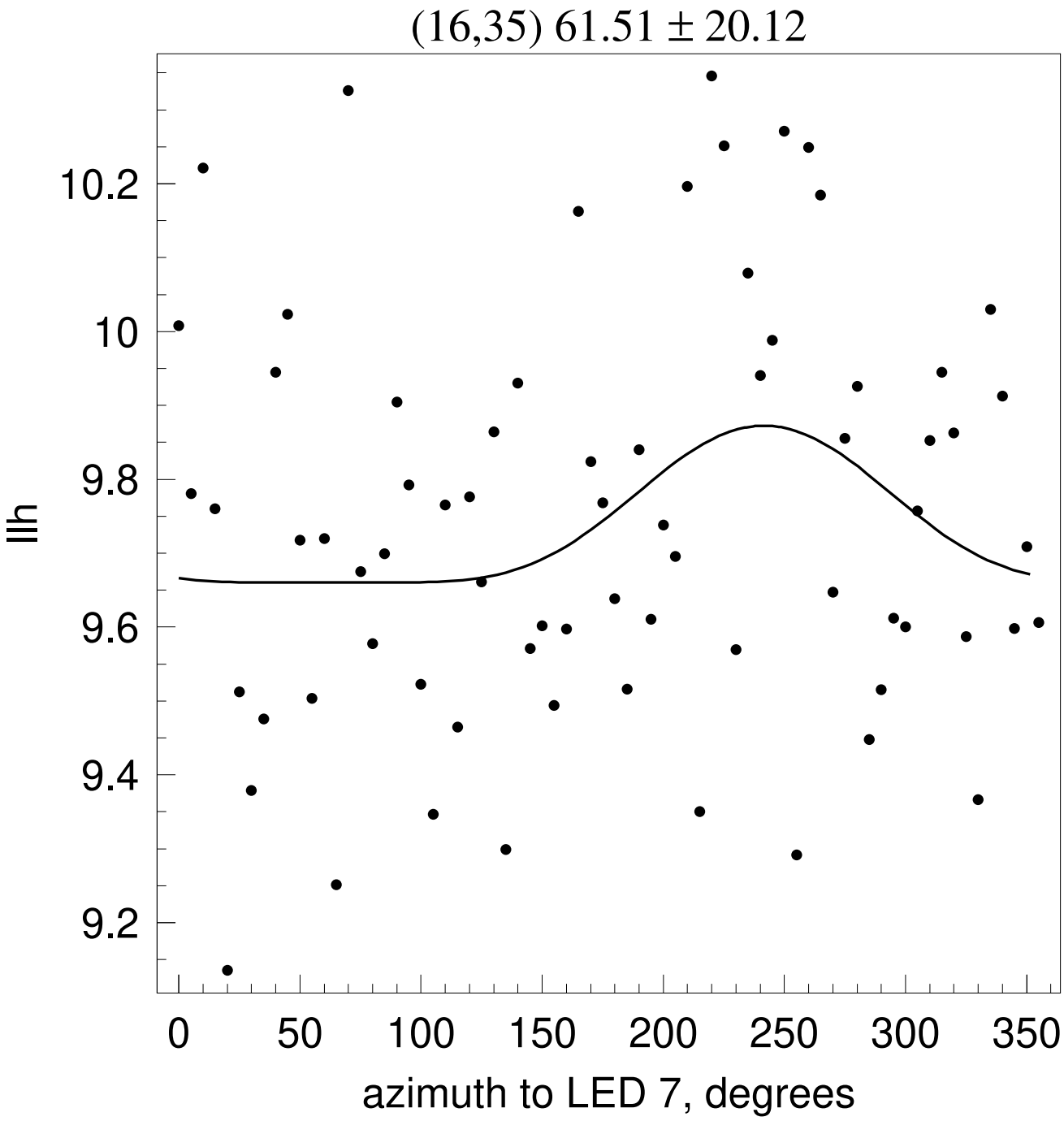

(16,30) 292.42 ± 0.00
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

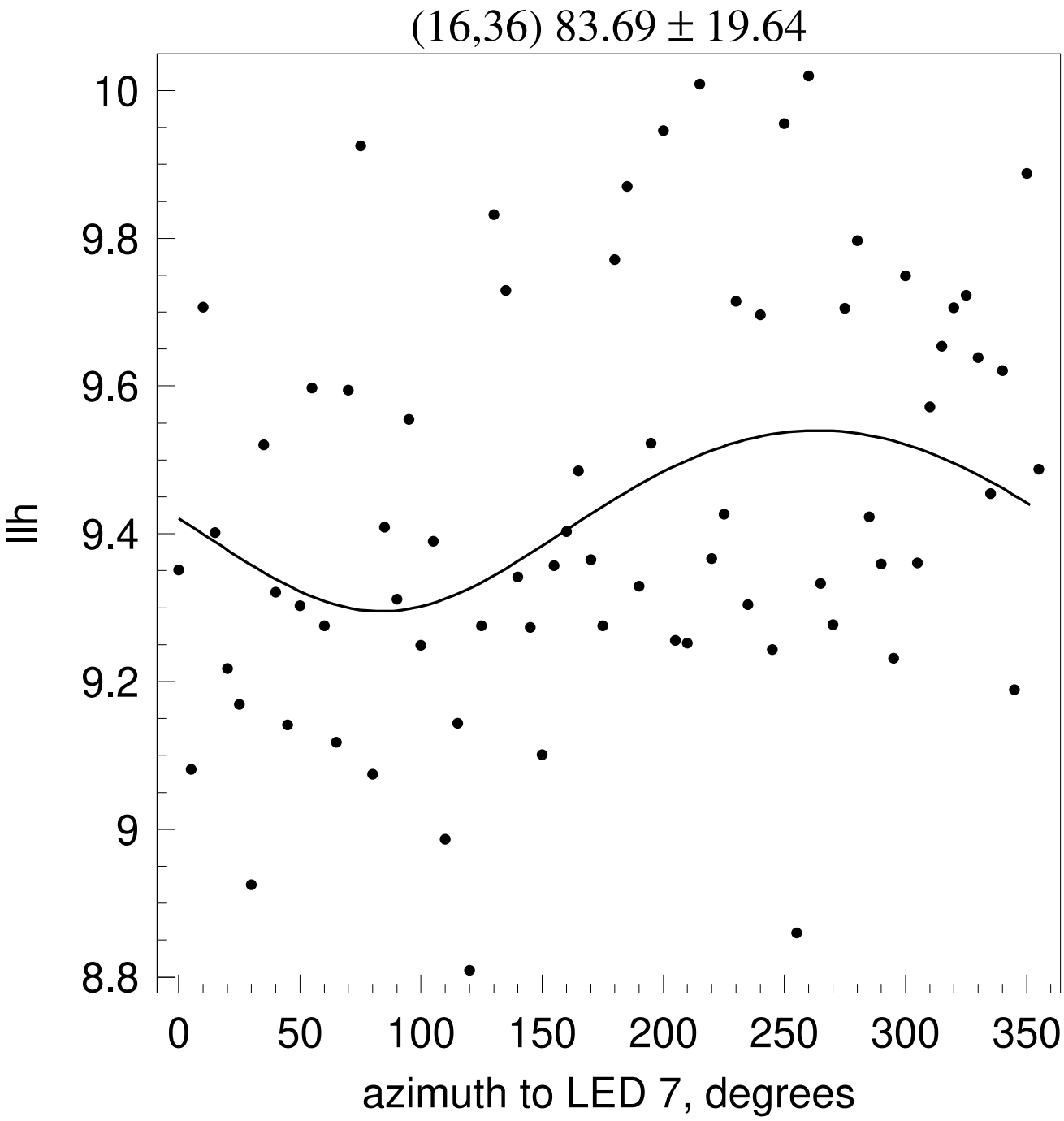

(16,31) 287.44 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

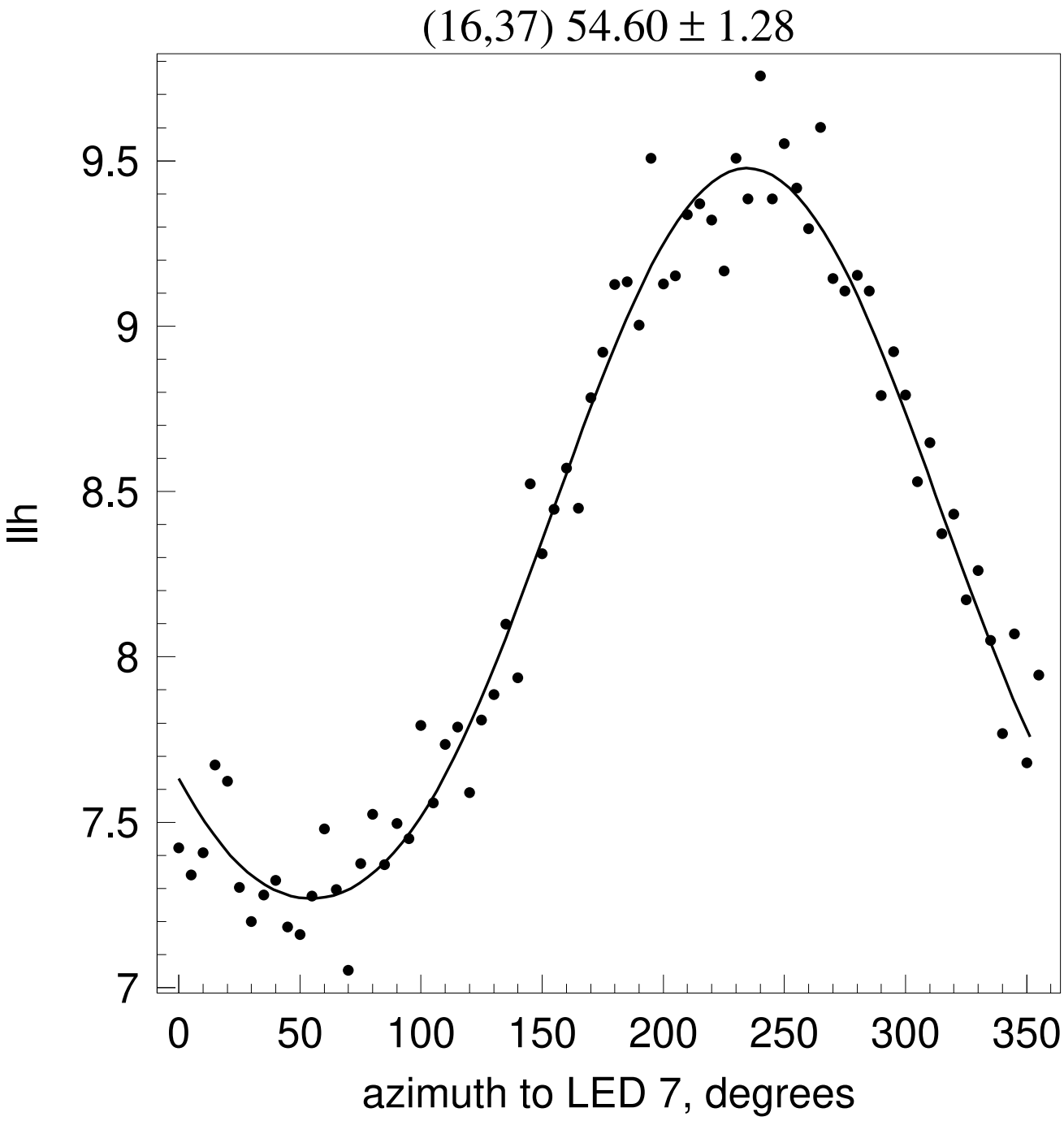

(16,32) 271.37 ± 0.15
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

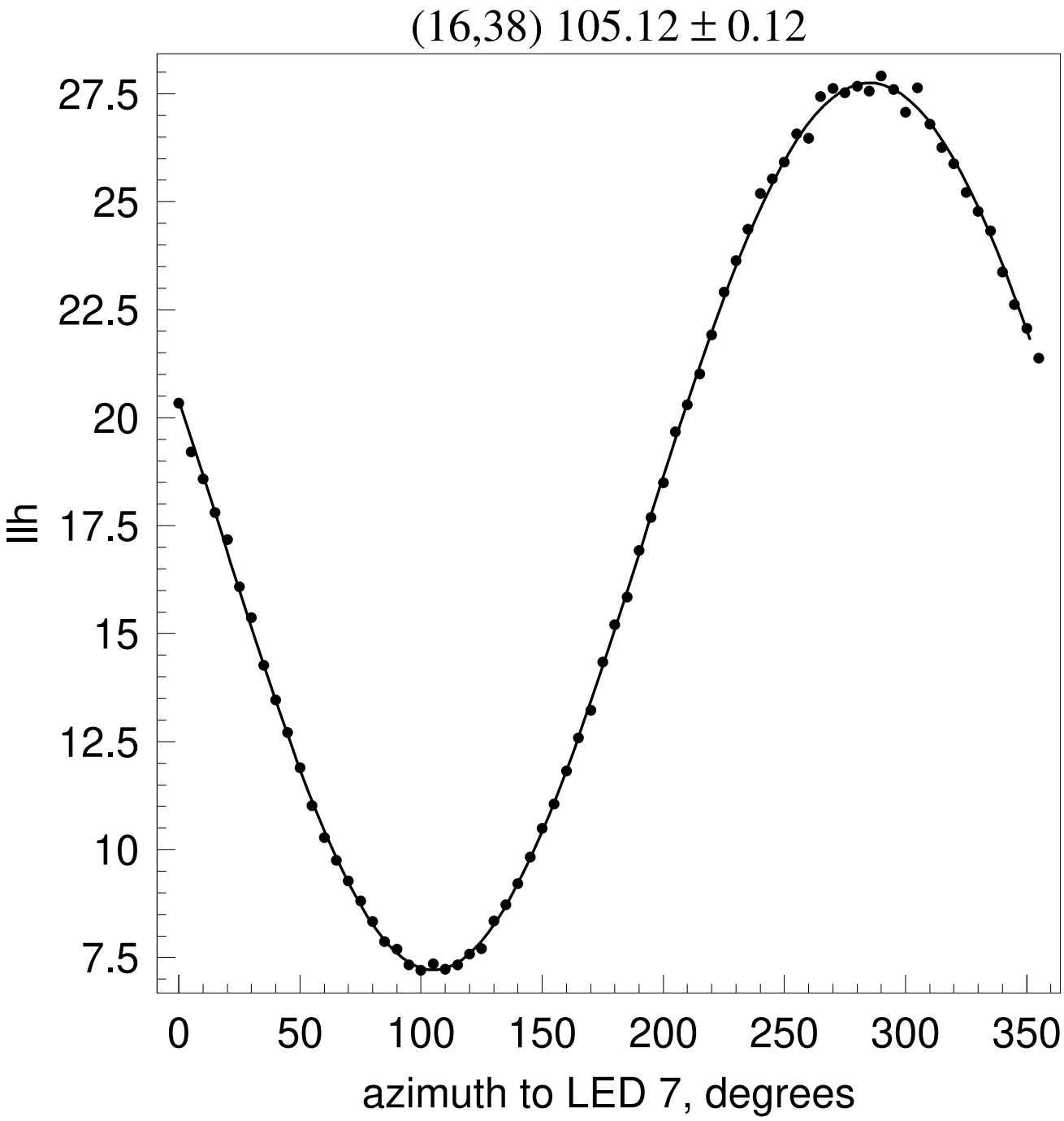

(16,33) 39.00 ± 1.57
9
8.75
8.5
8.25
8
7.75
7.5
7.25
7
6.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

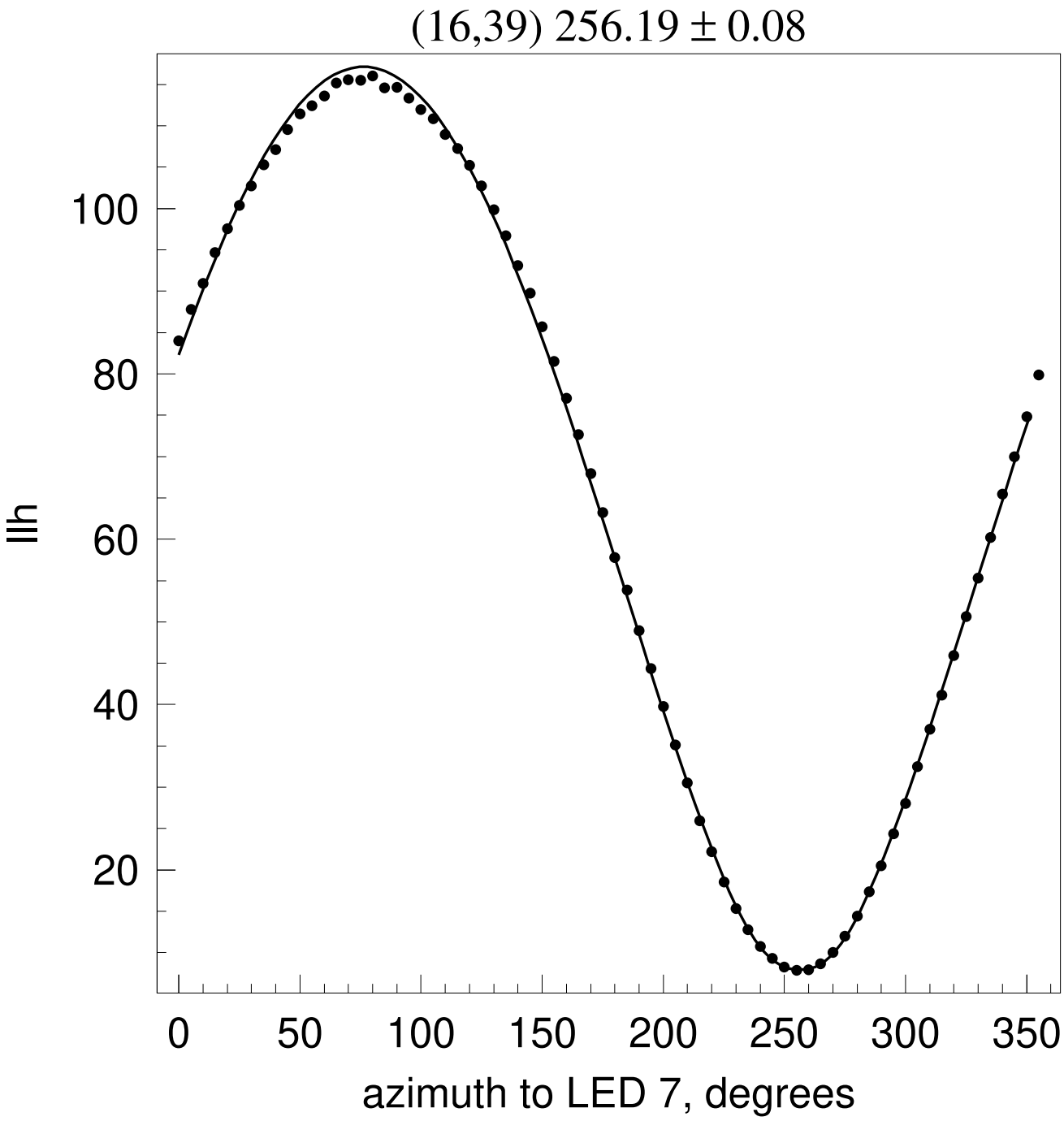

(16,34) 6.53 ± 2.38
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

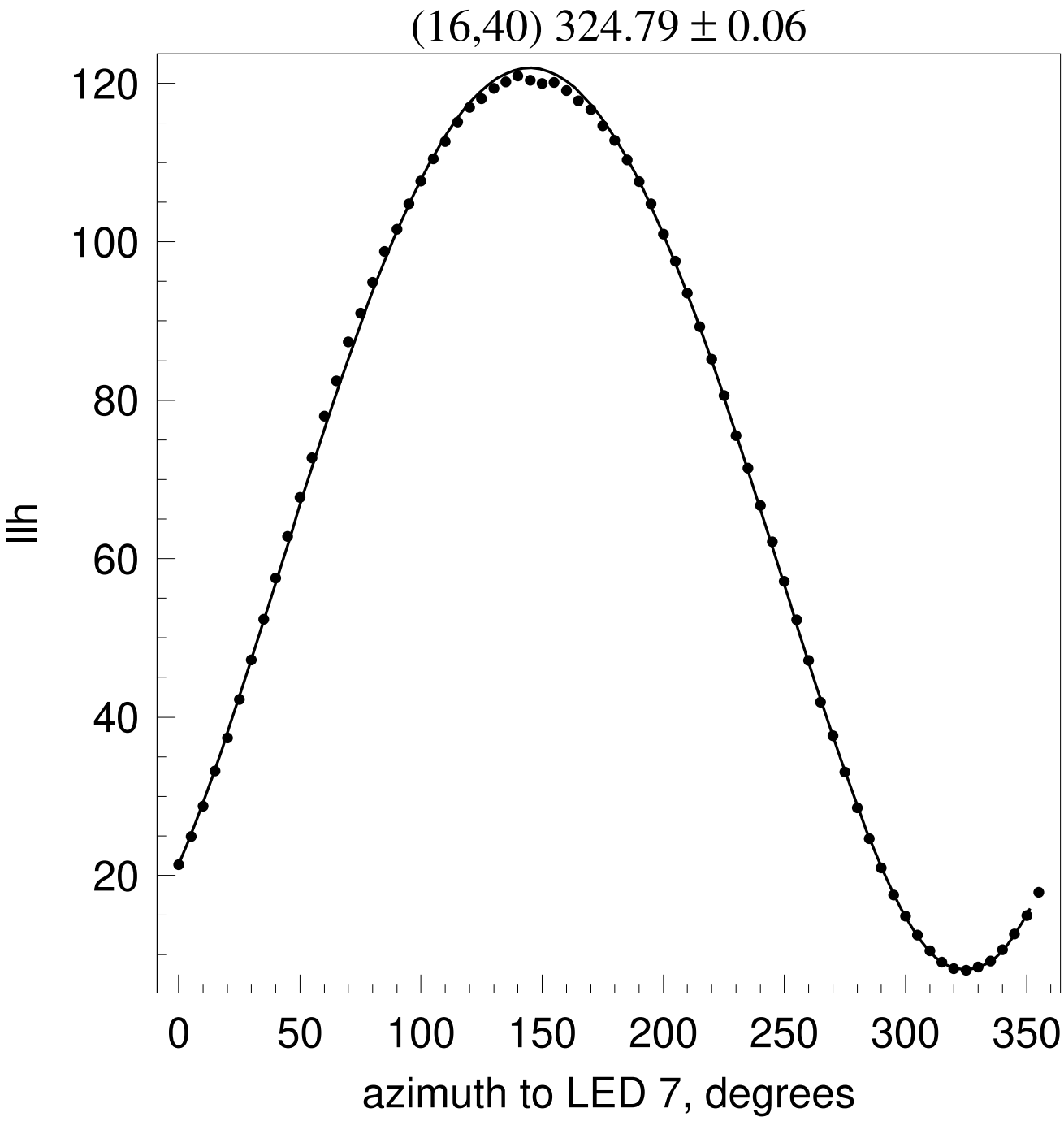

(16,35) 61.51 ± 20.12
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

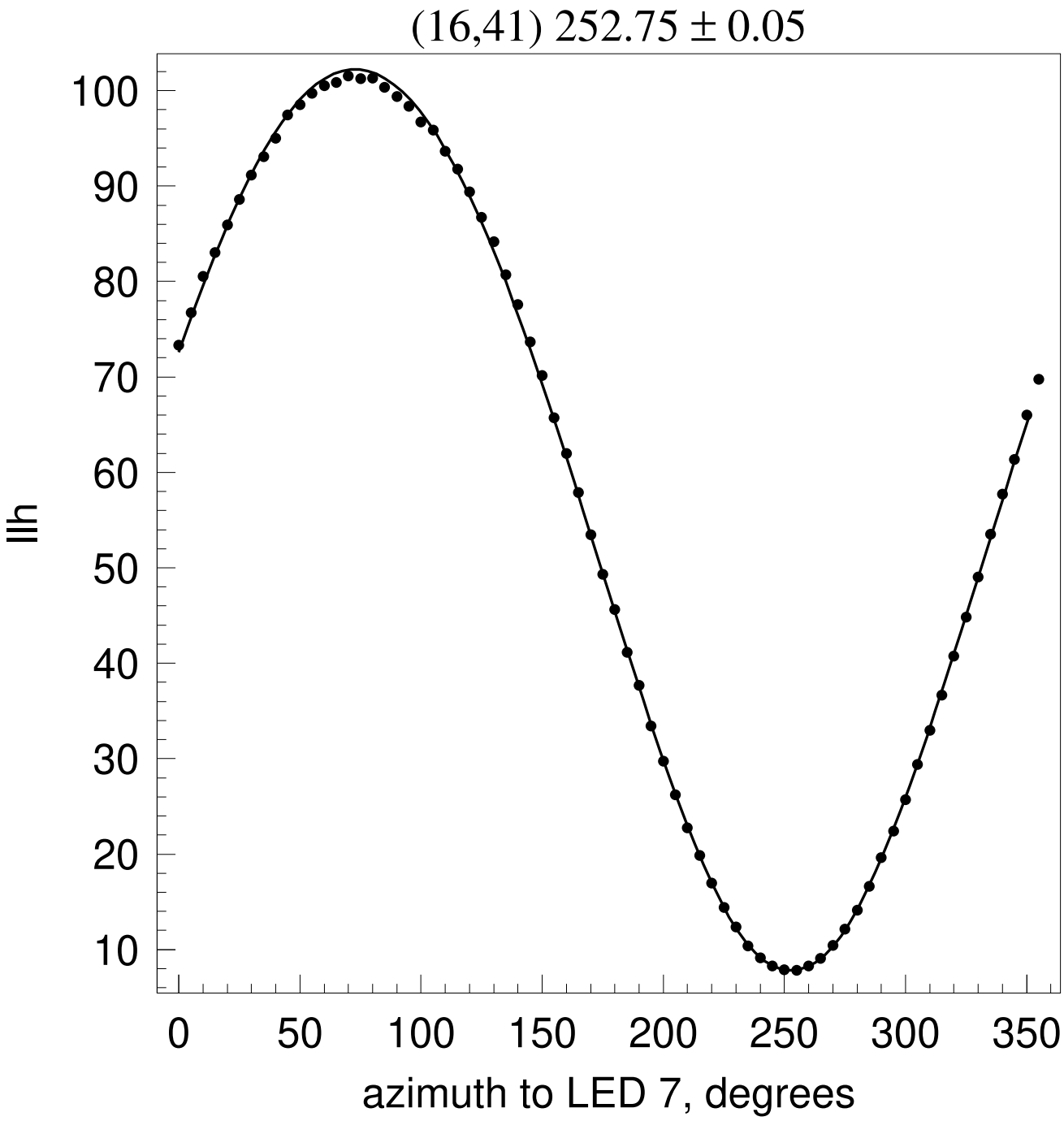

(16,36) 83.69 ± 19.64
10
9.8
9.6
9.4
9.2
9
8.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

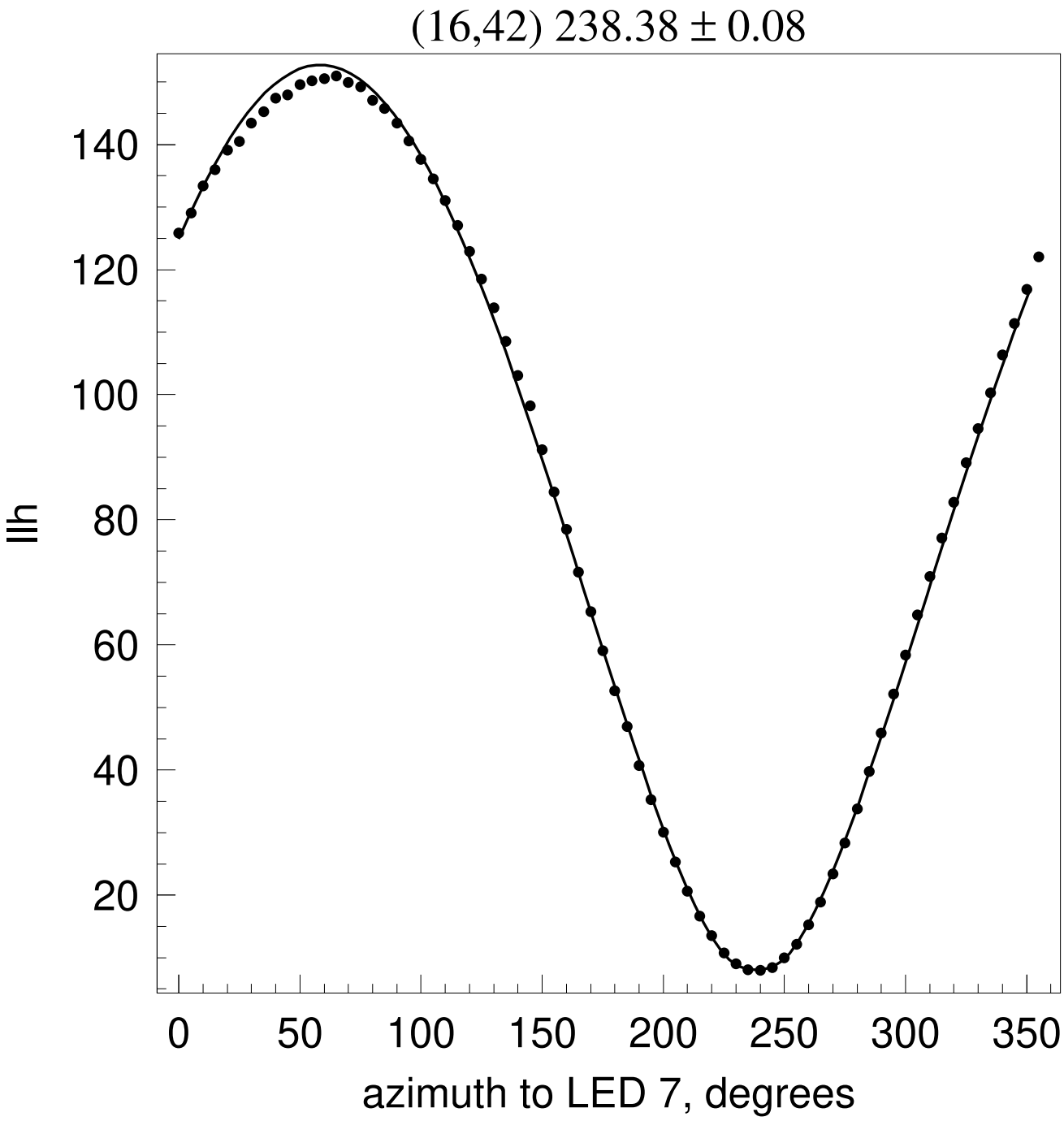

(16,37) 54.60 ± 1.28
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

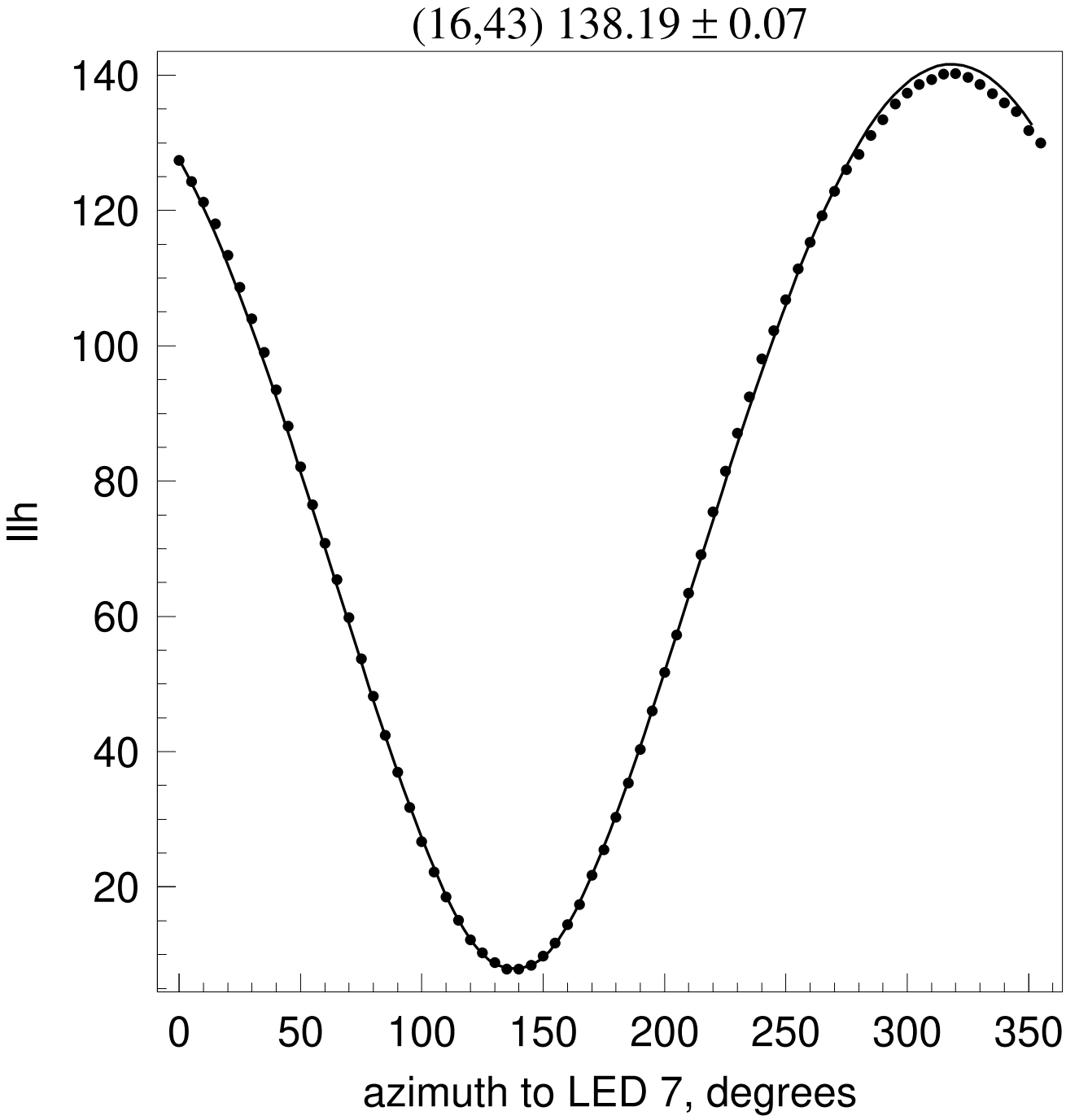

(16,38) 105.12 ± 0.12
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

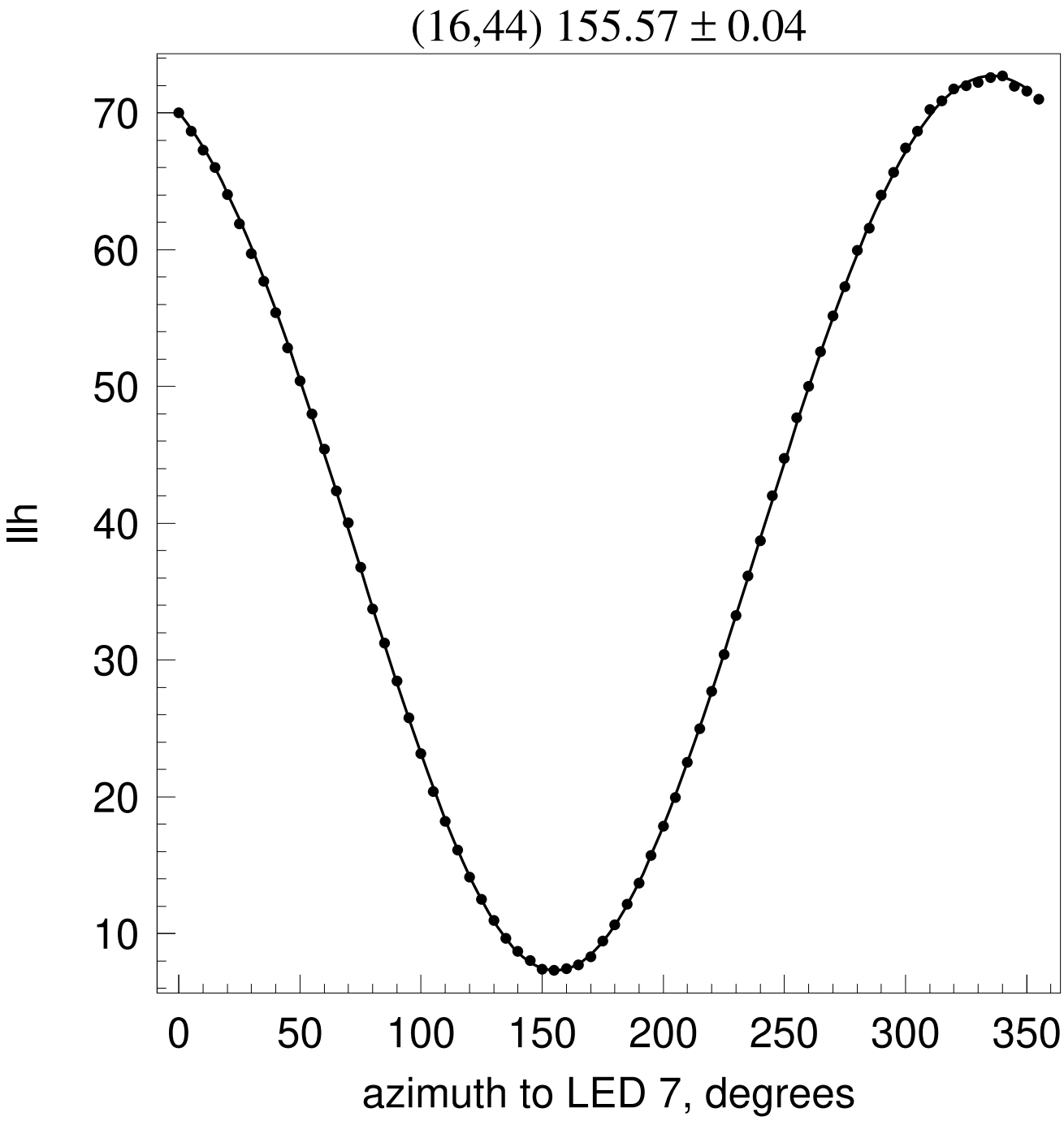

(16,39) 256.19 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

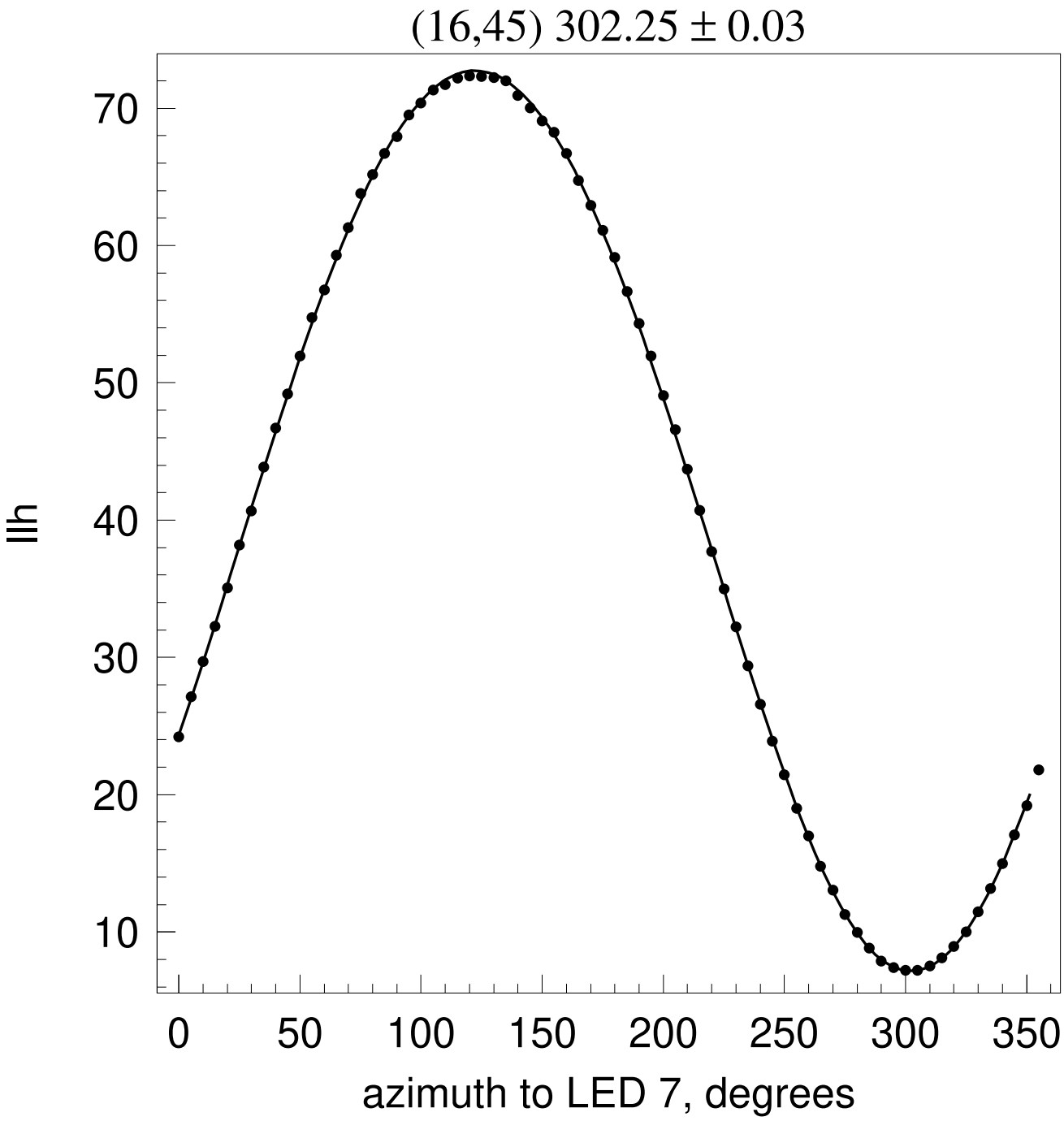

(16,40) 324.79 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

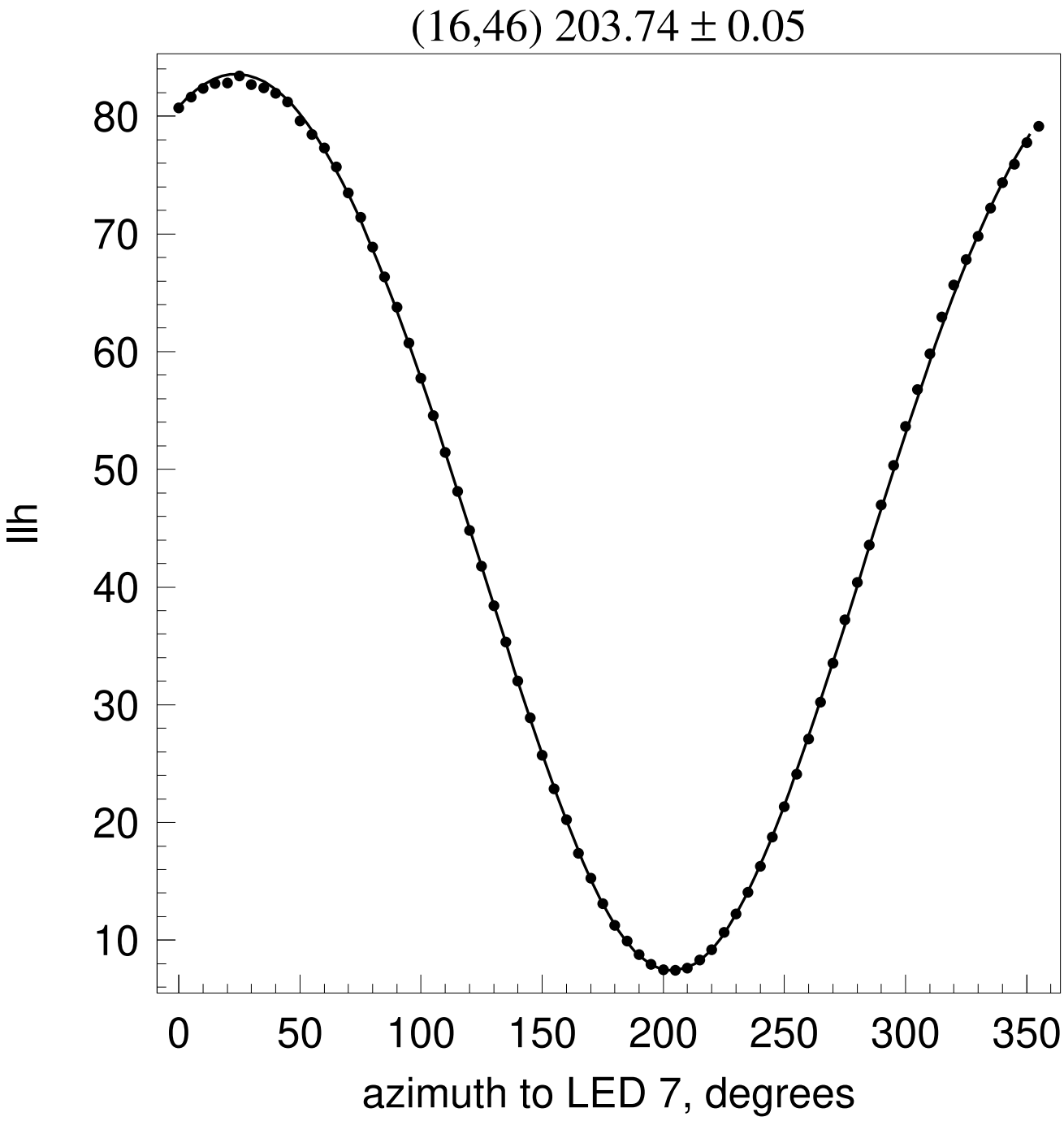

(16,41) 252.75 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

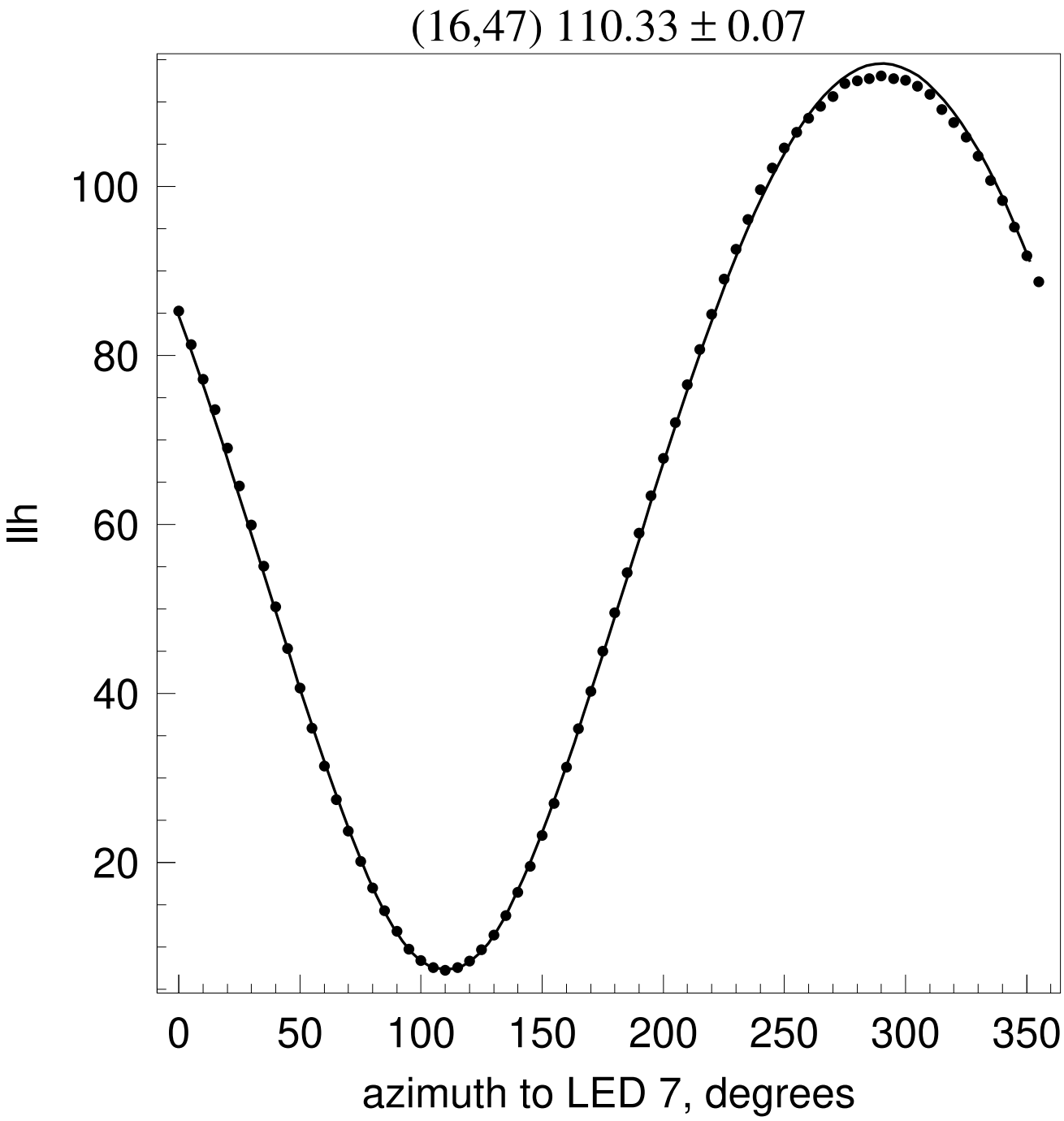

(16,42) 238.38 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

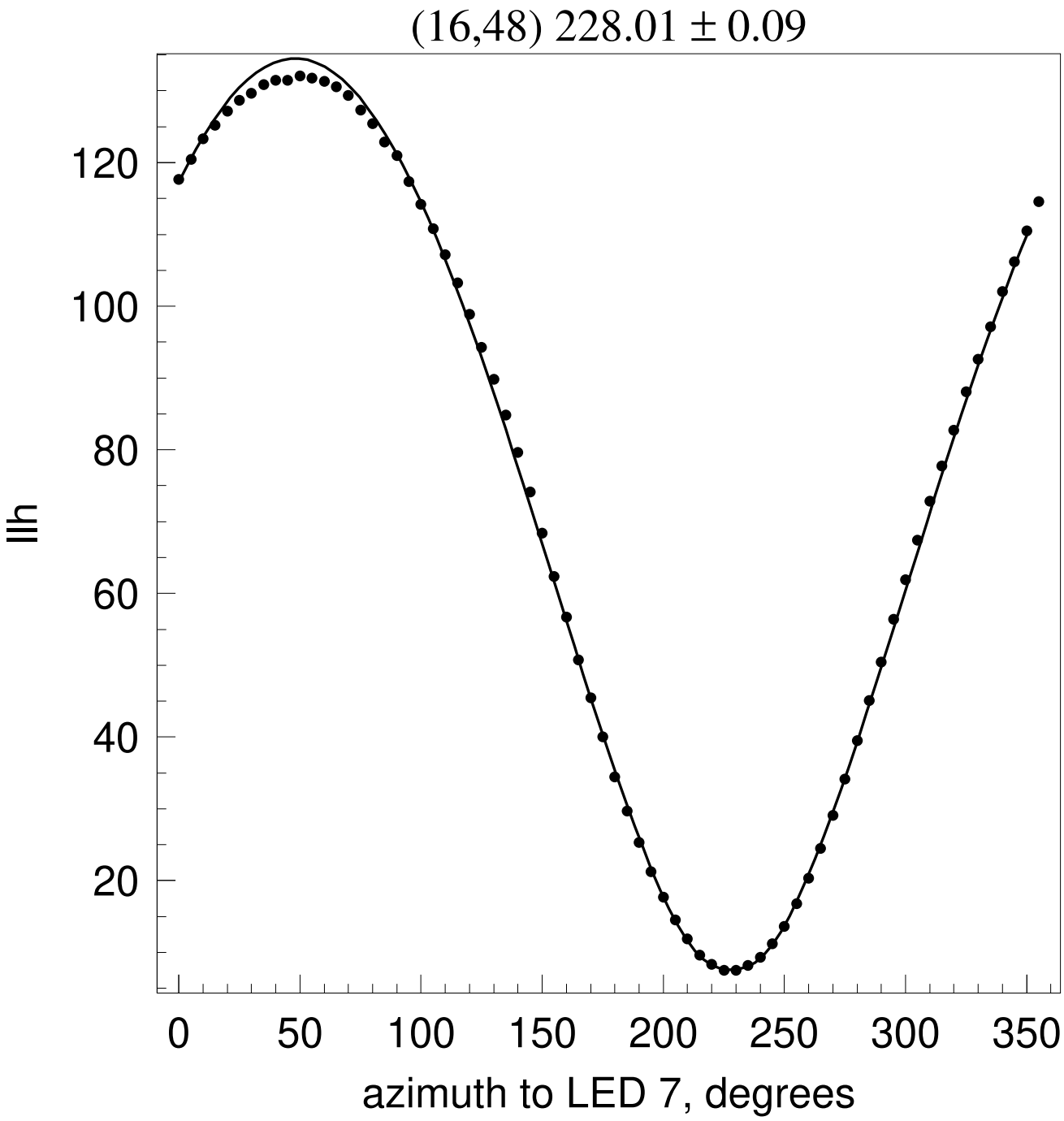

(16,43) 138.19 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

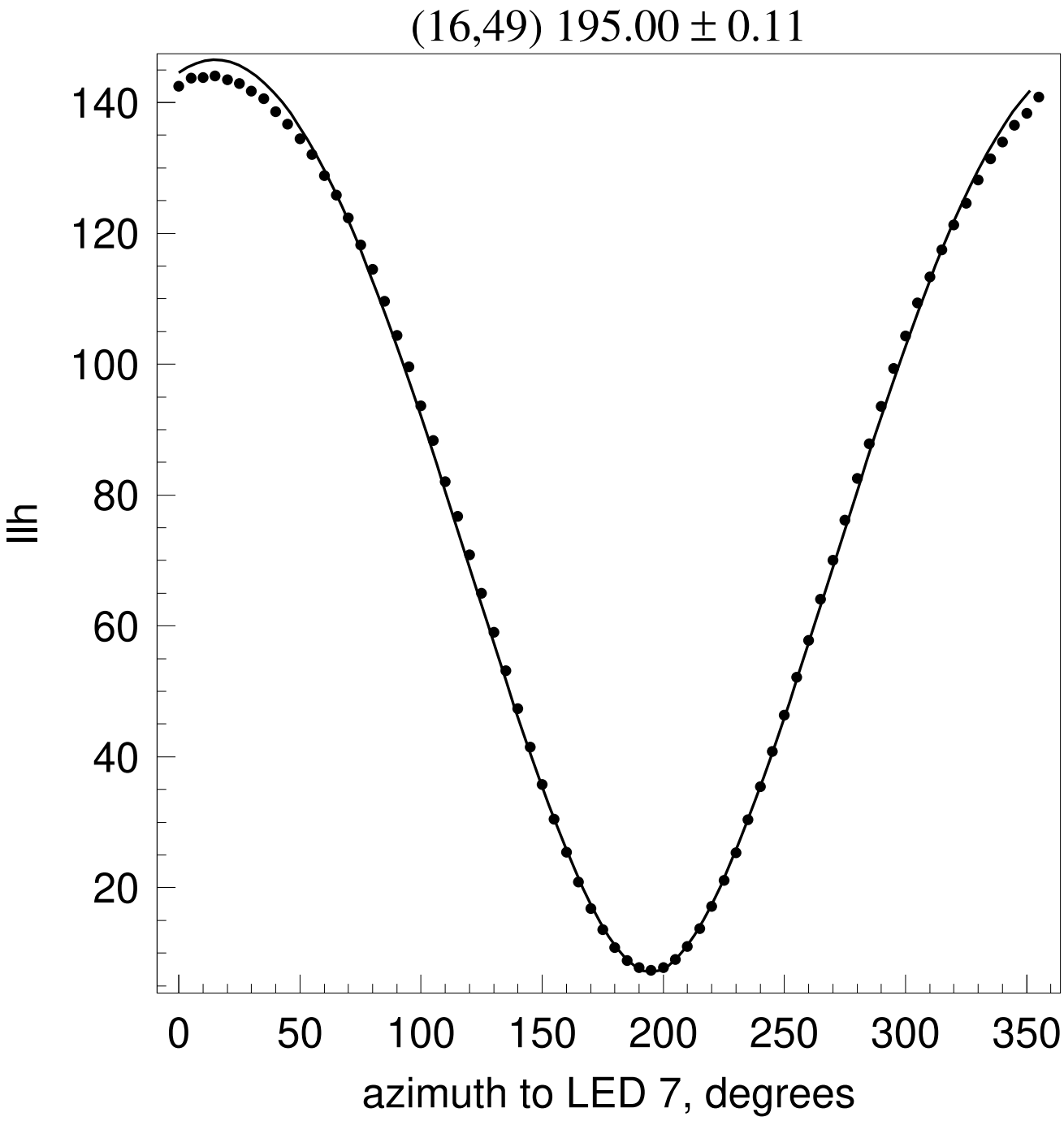

(16,44) 155.57 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

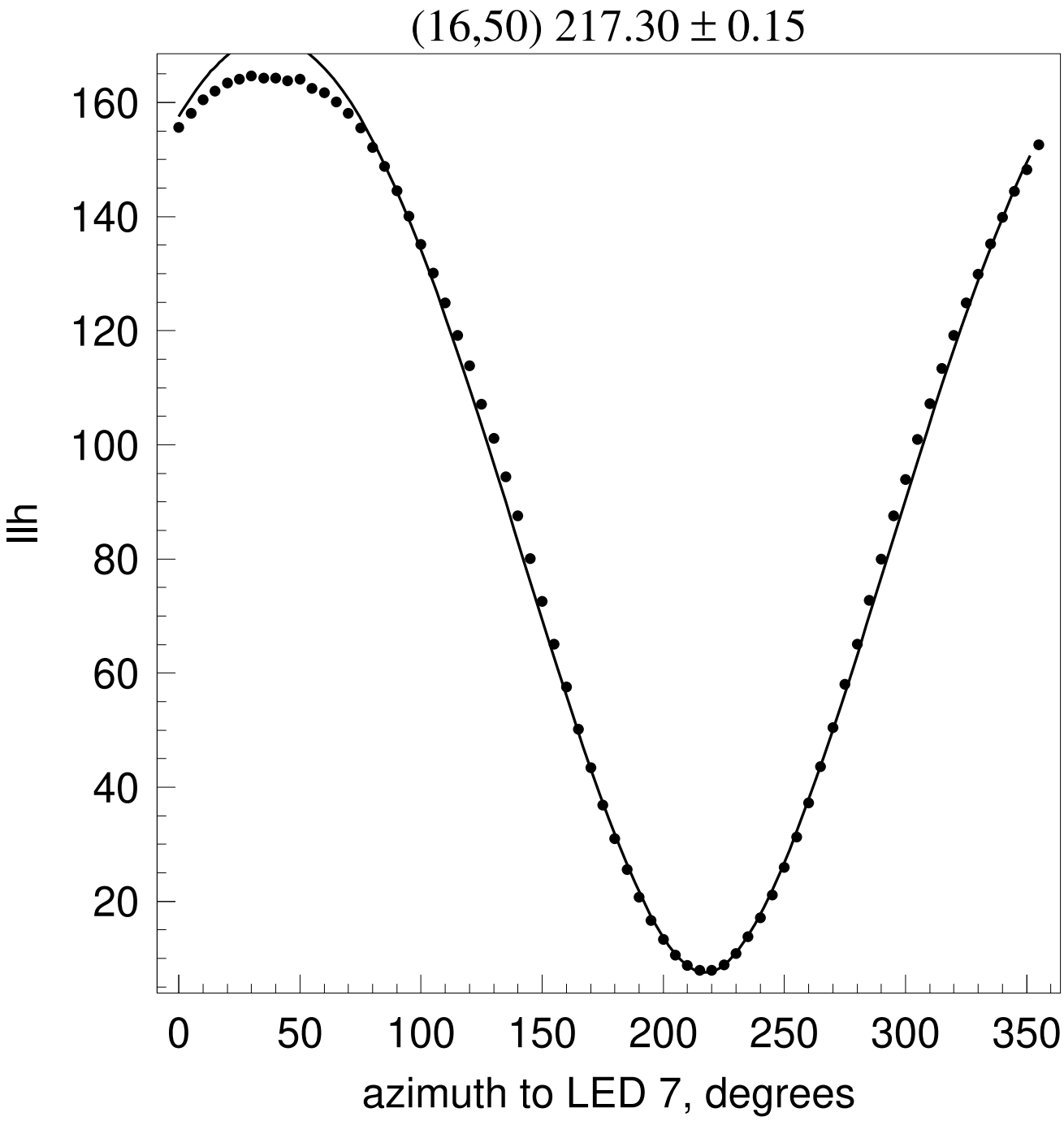

(16,45) 302.25 ± 0.03
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

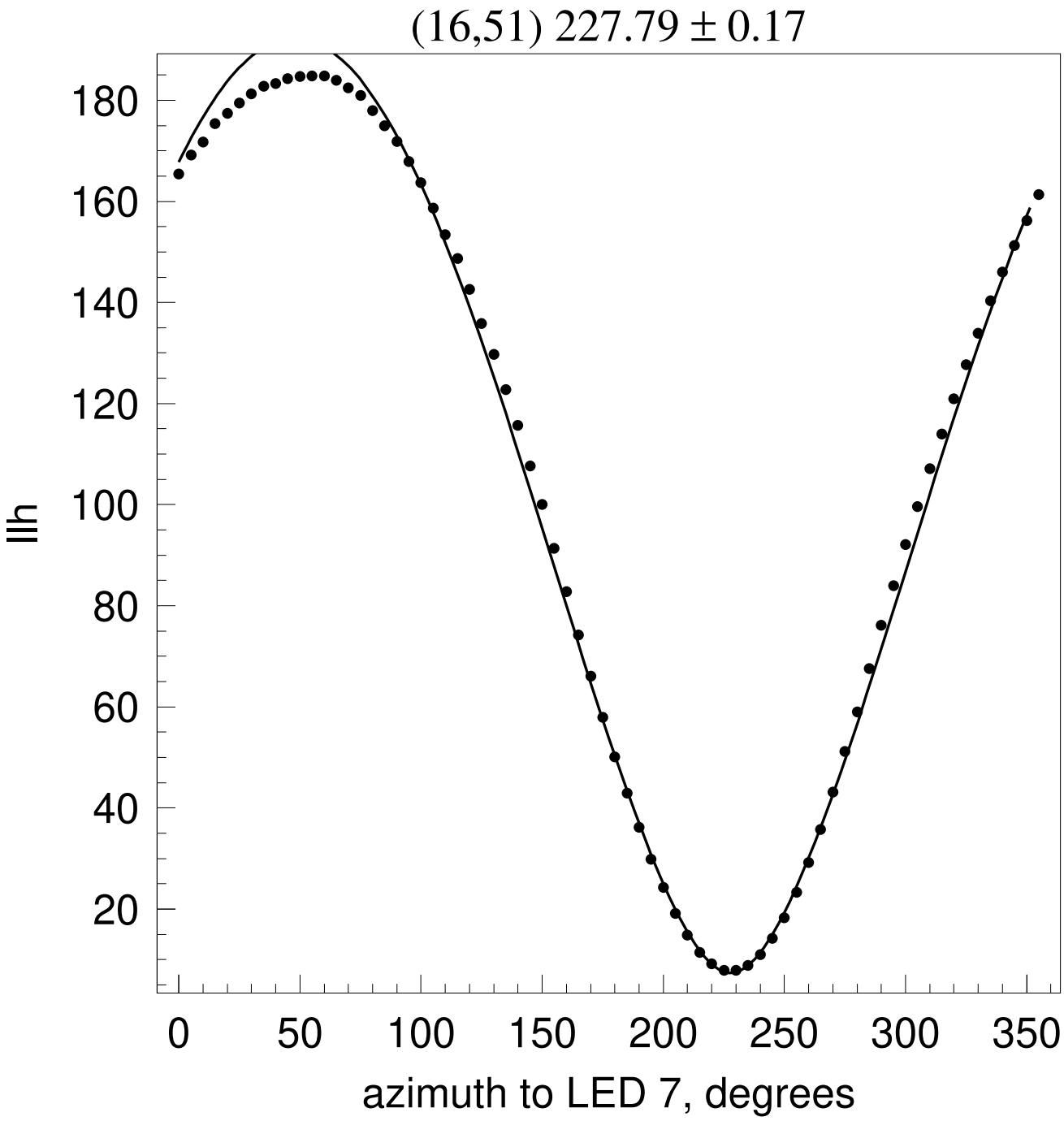

(16,46) 203.74 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

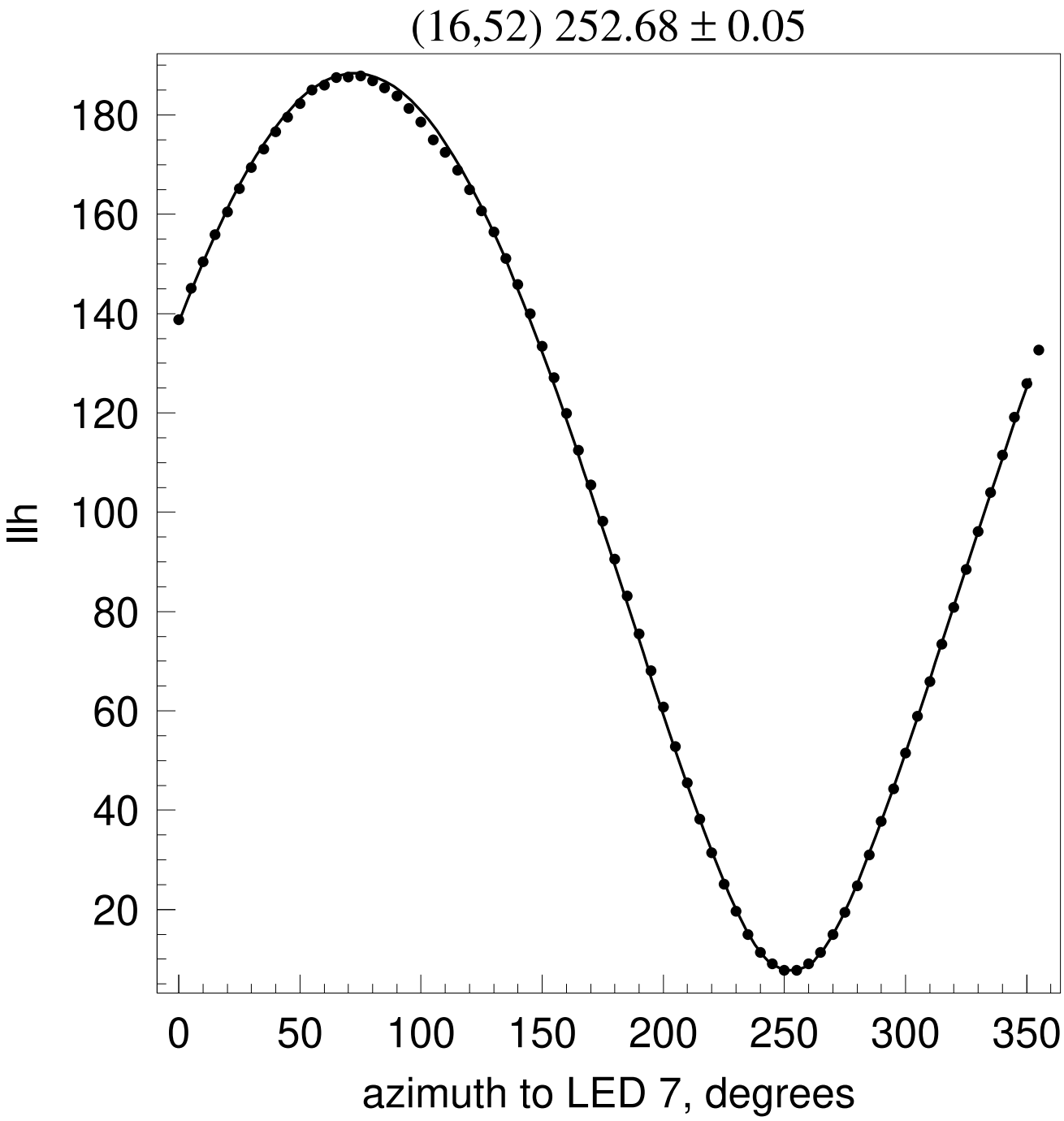

(16,47) 110.33 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

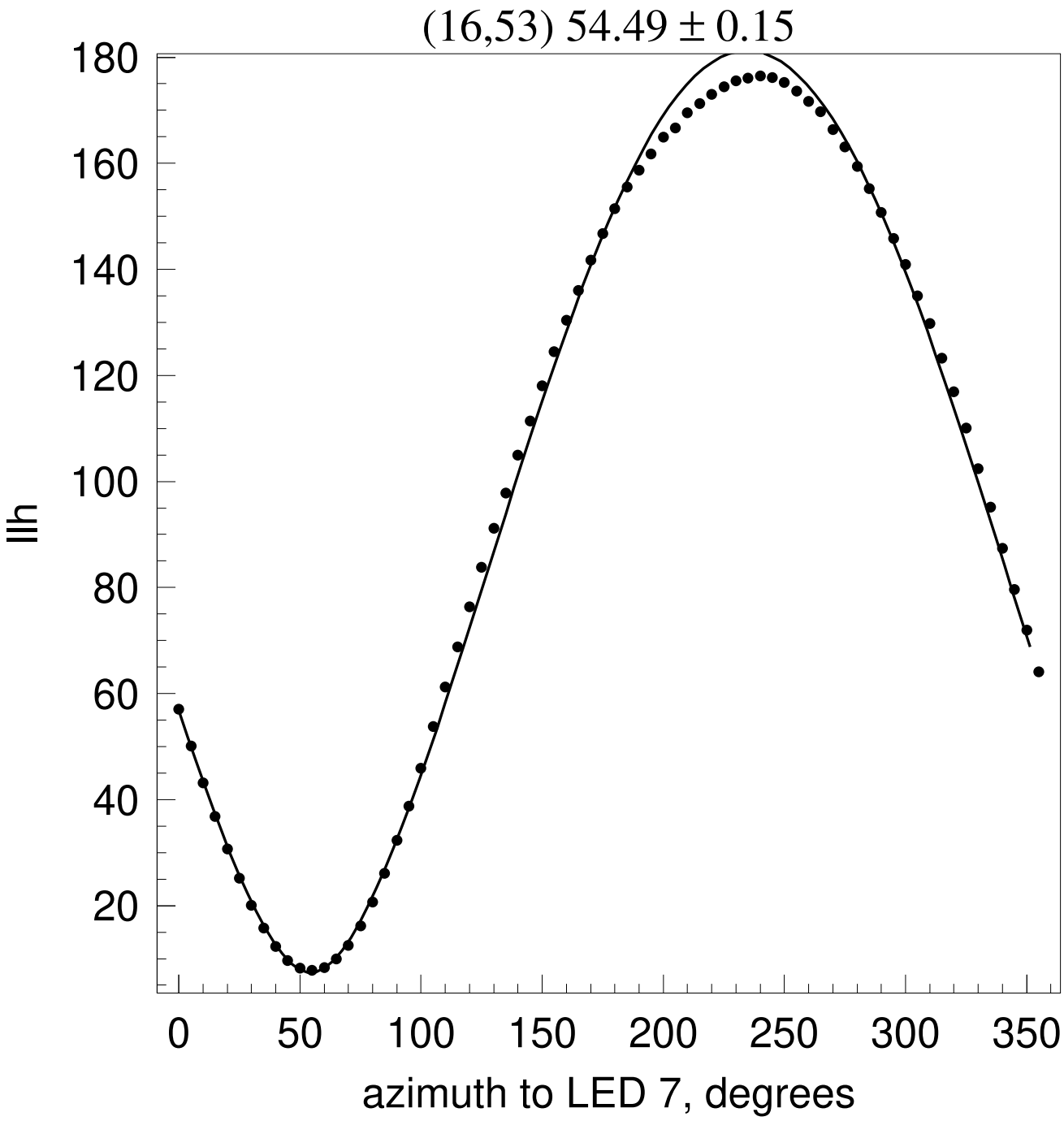

(16,48) 228.01 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

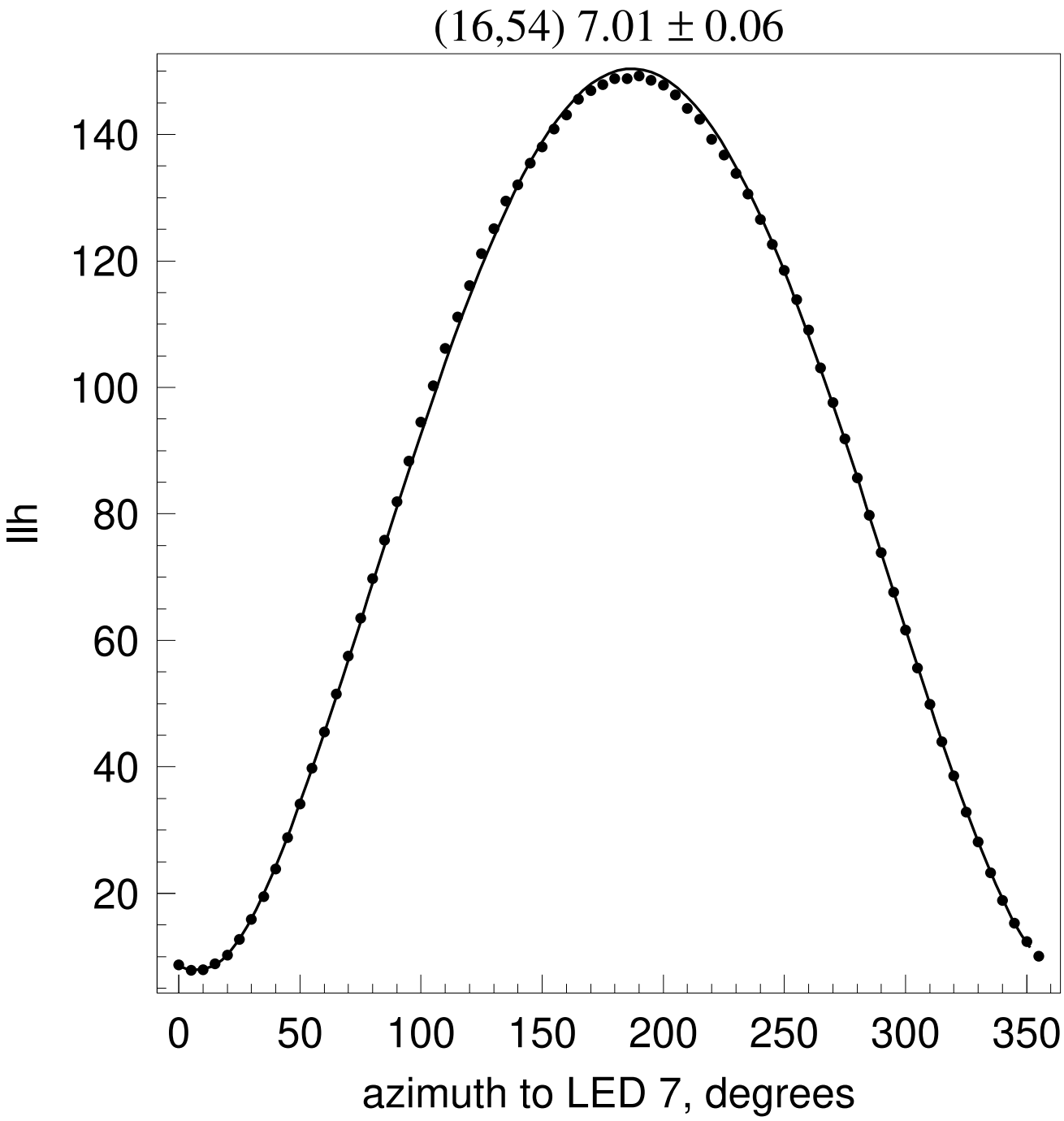

(16,49) 195.00 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

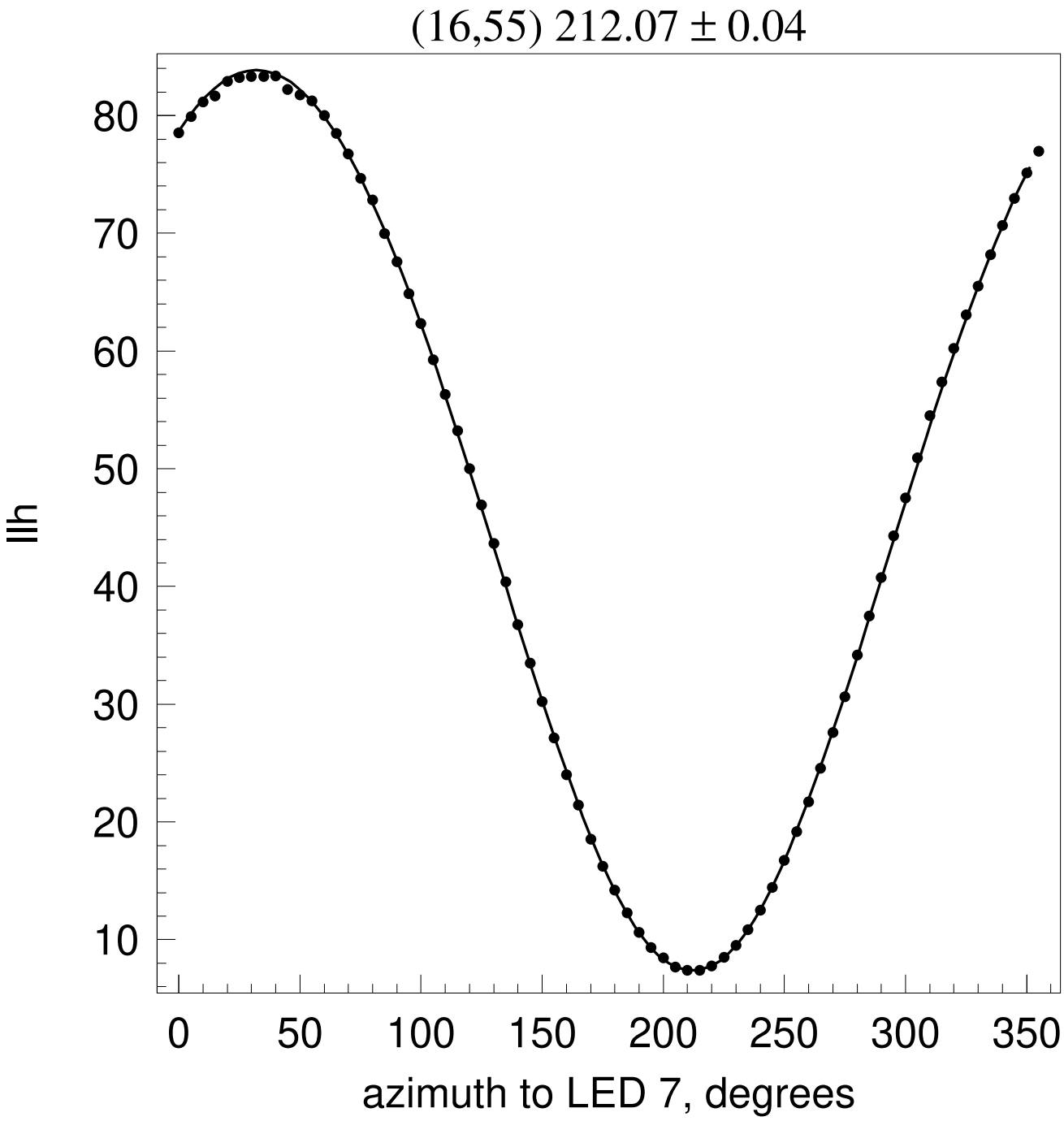

(16,50) 217.30 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

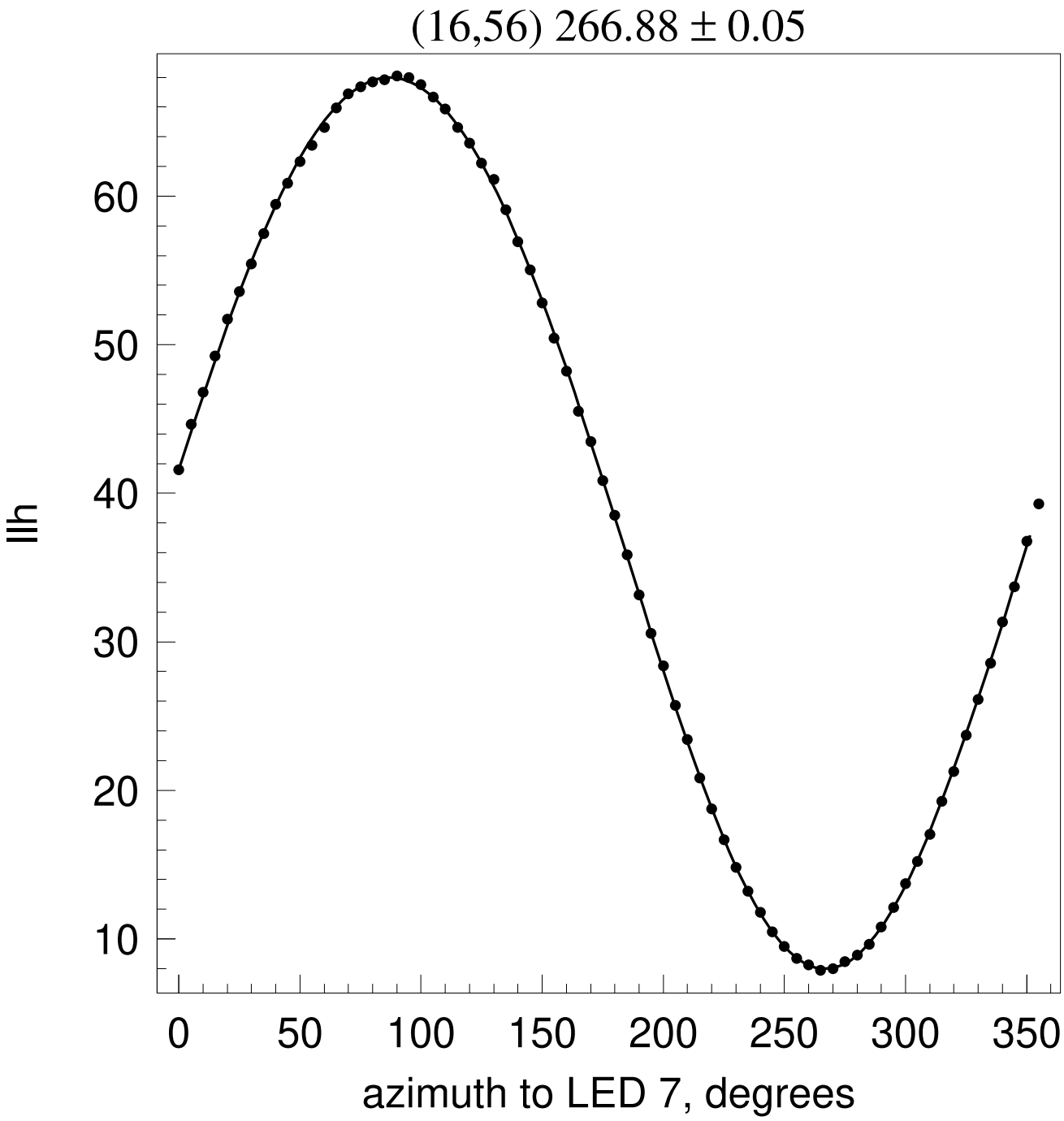

(16,51) 227.79 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

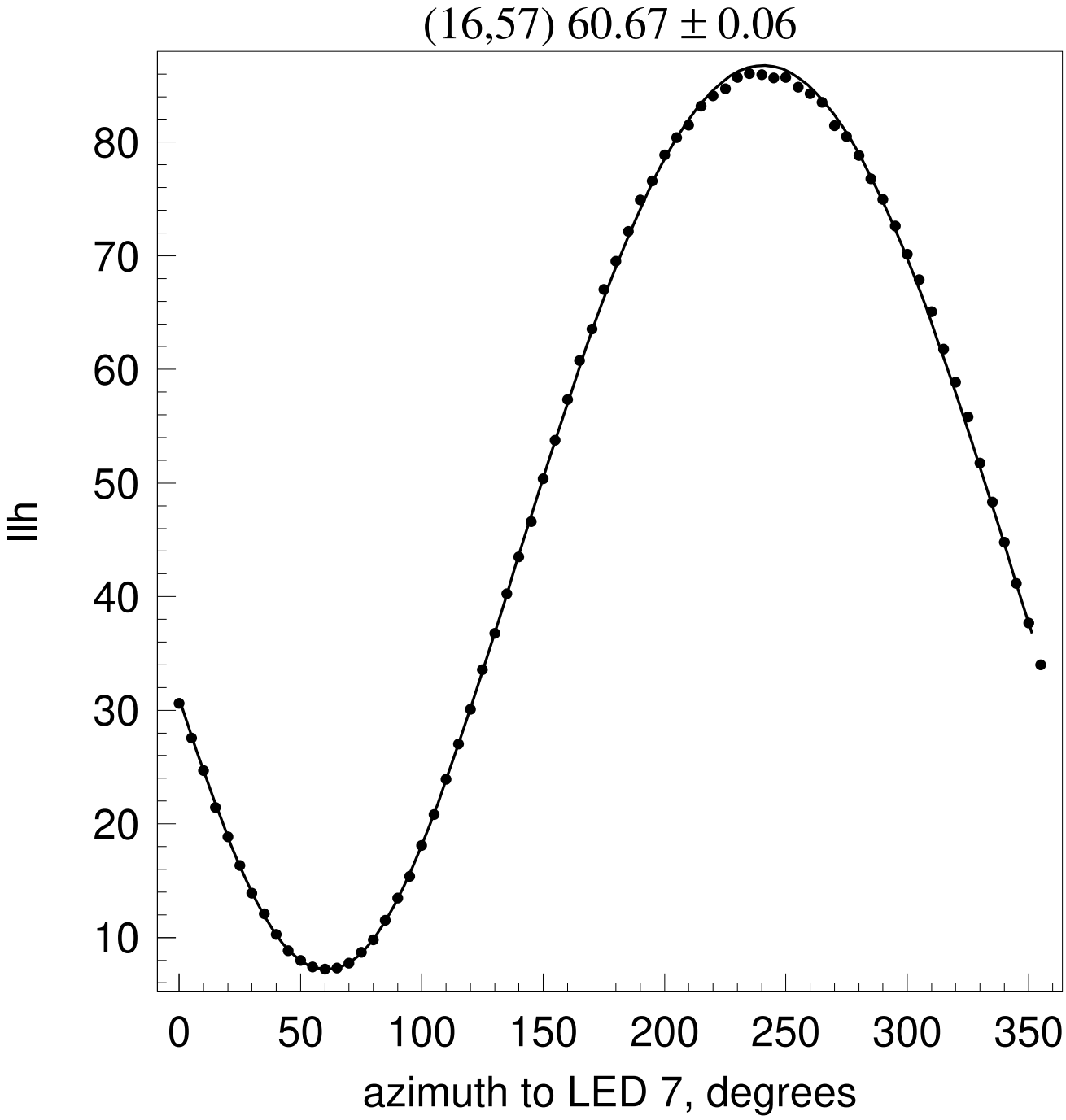

(16,52) 252.68 ± 0.05
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

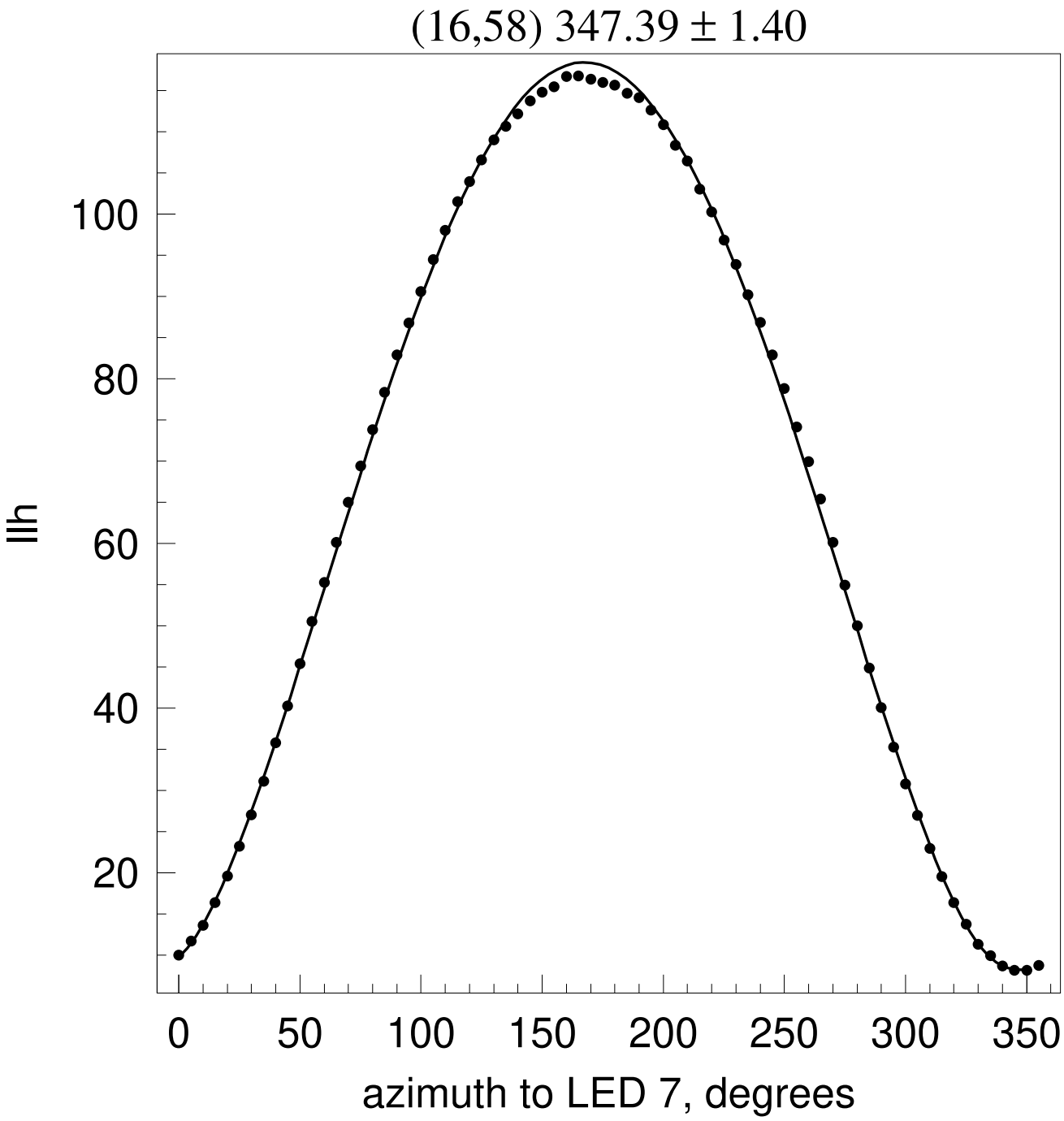

(16,53) 54.49 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

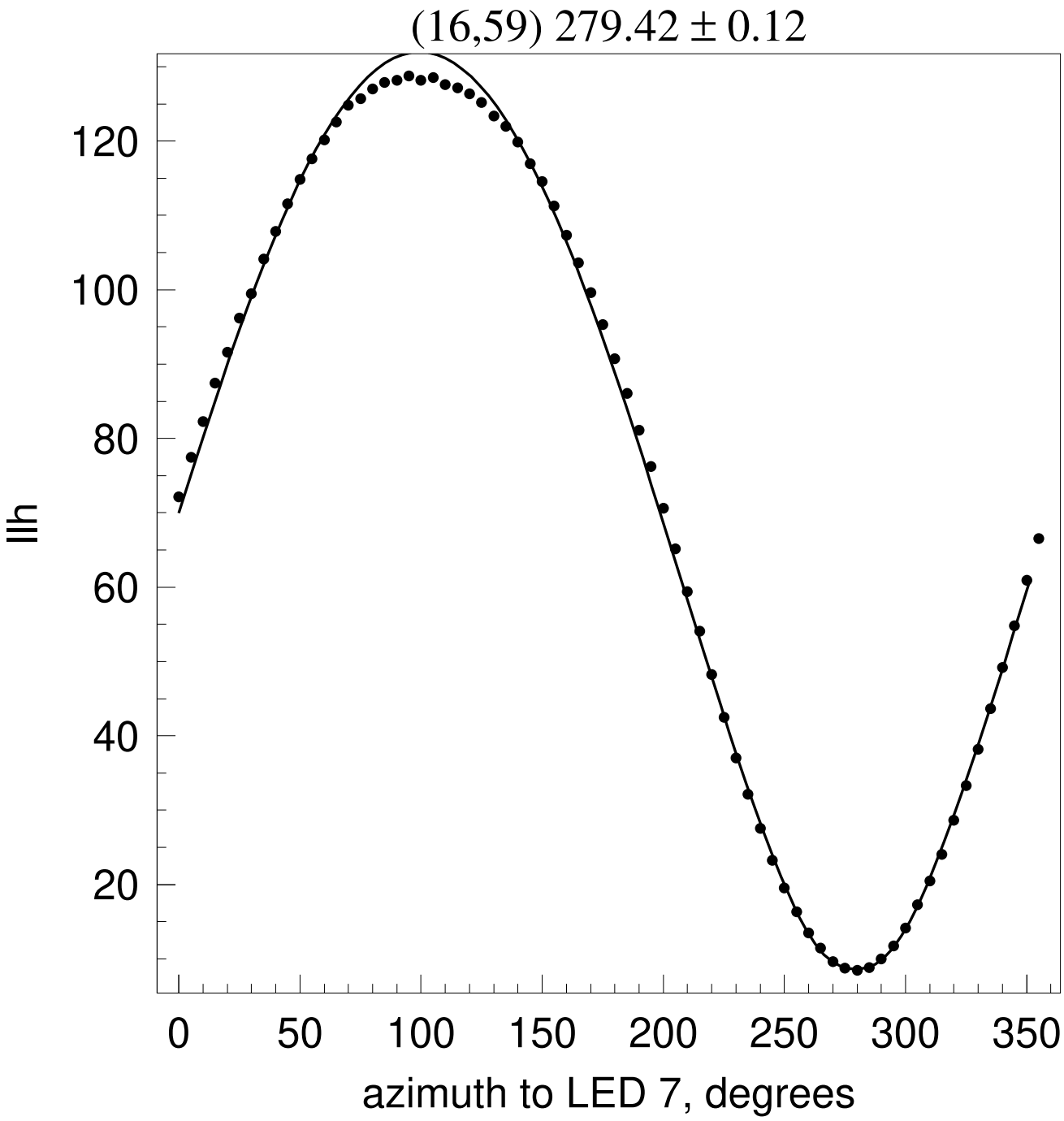

(16,54) 7.01 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

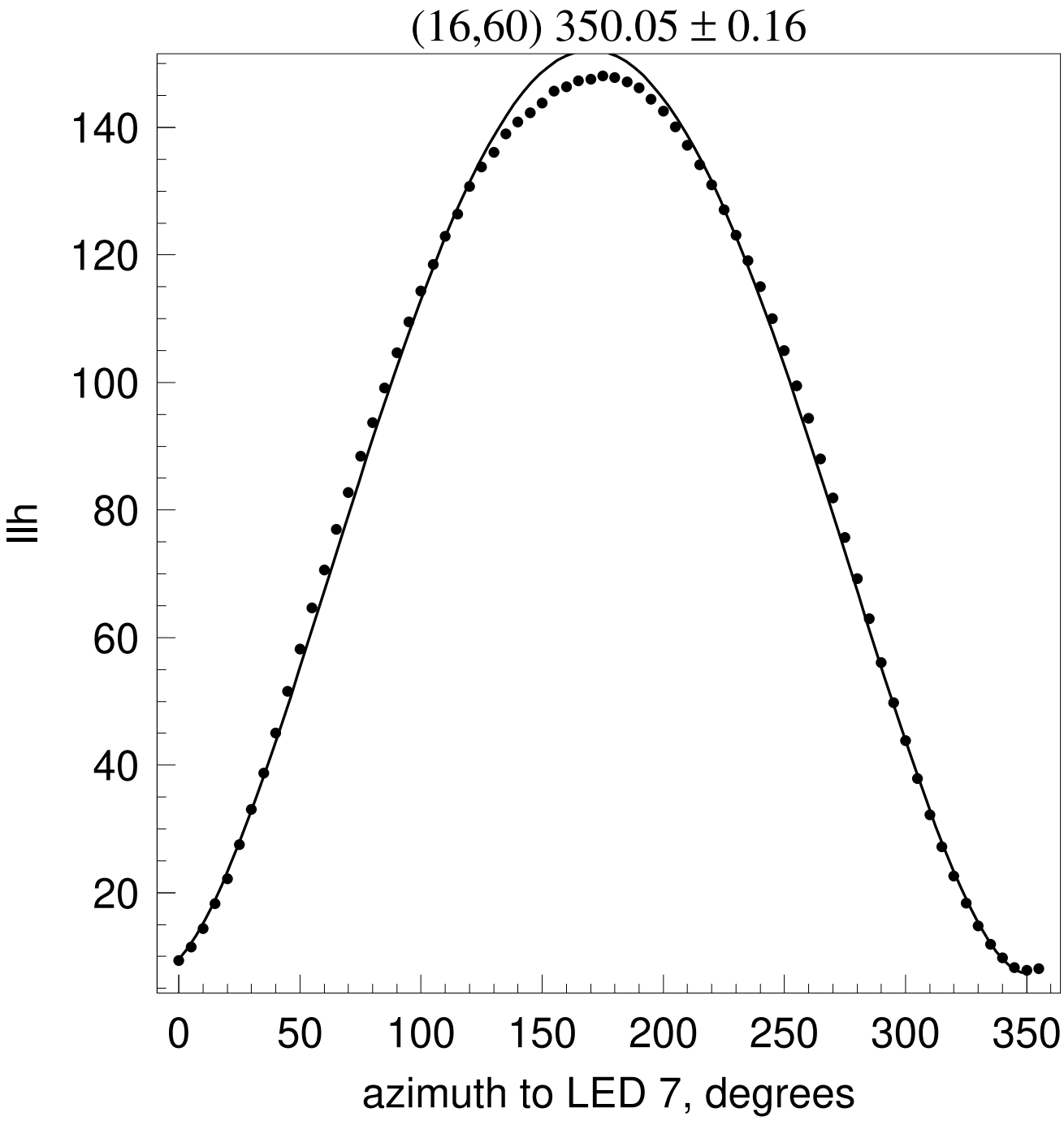

(16,55) 212.07 ± 0.04
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

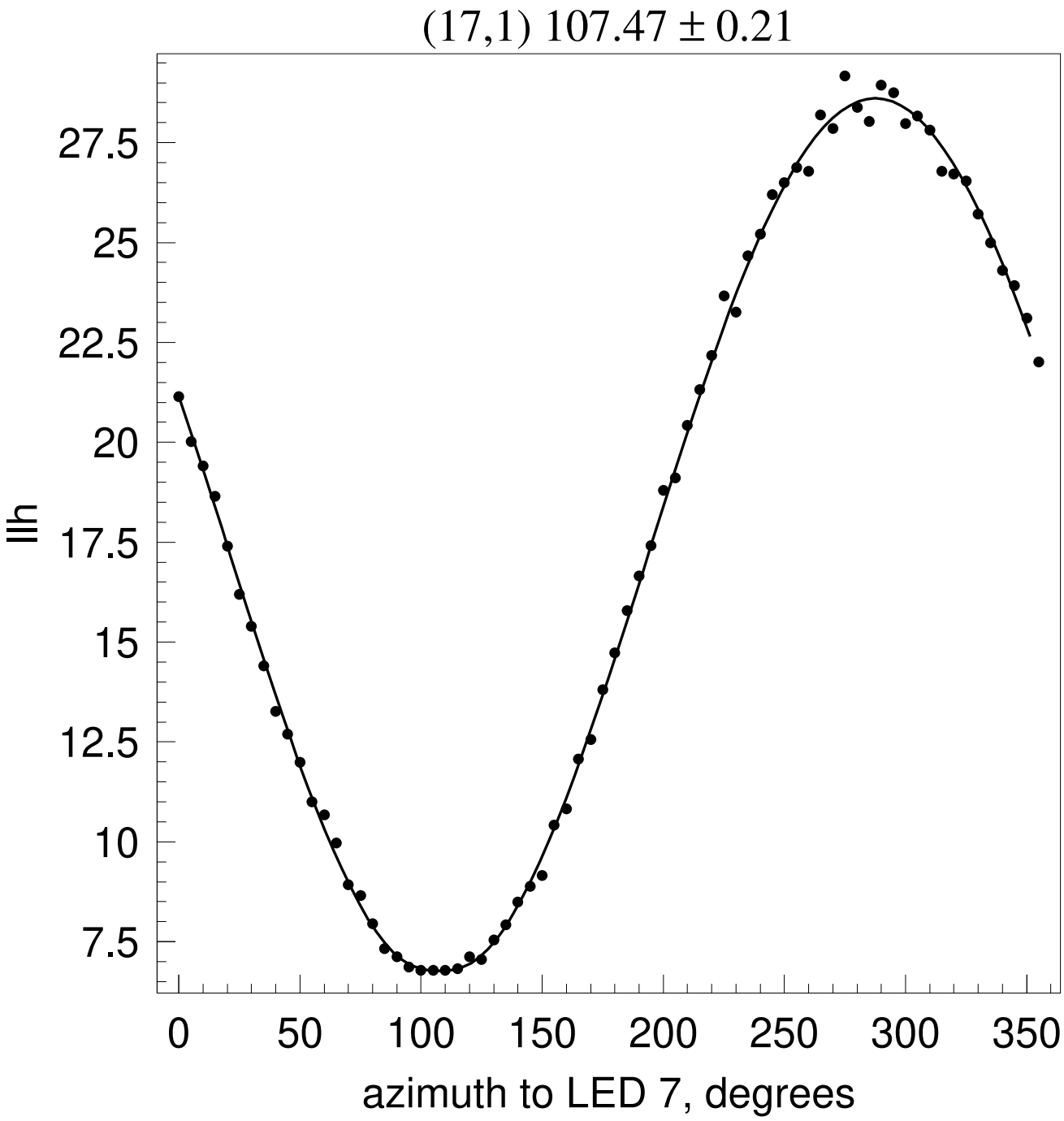

(16,56) 266.88 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

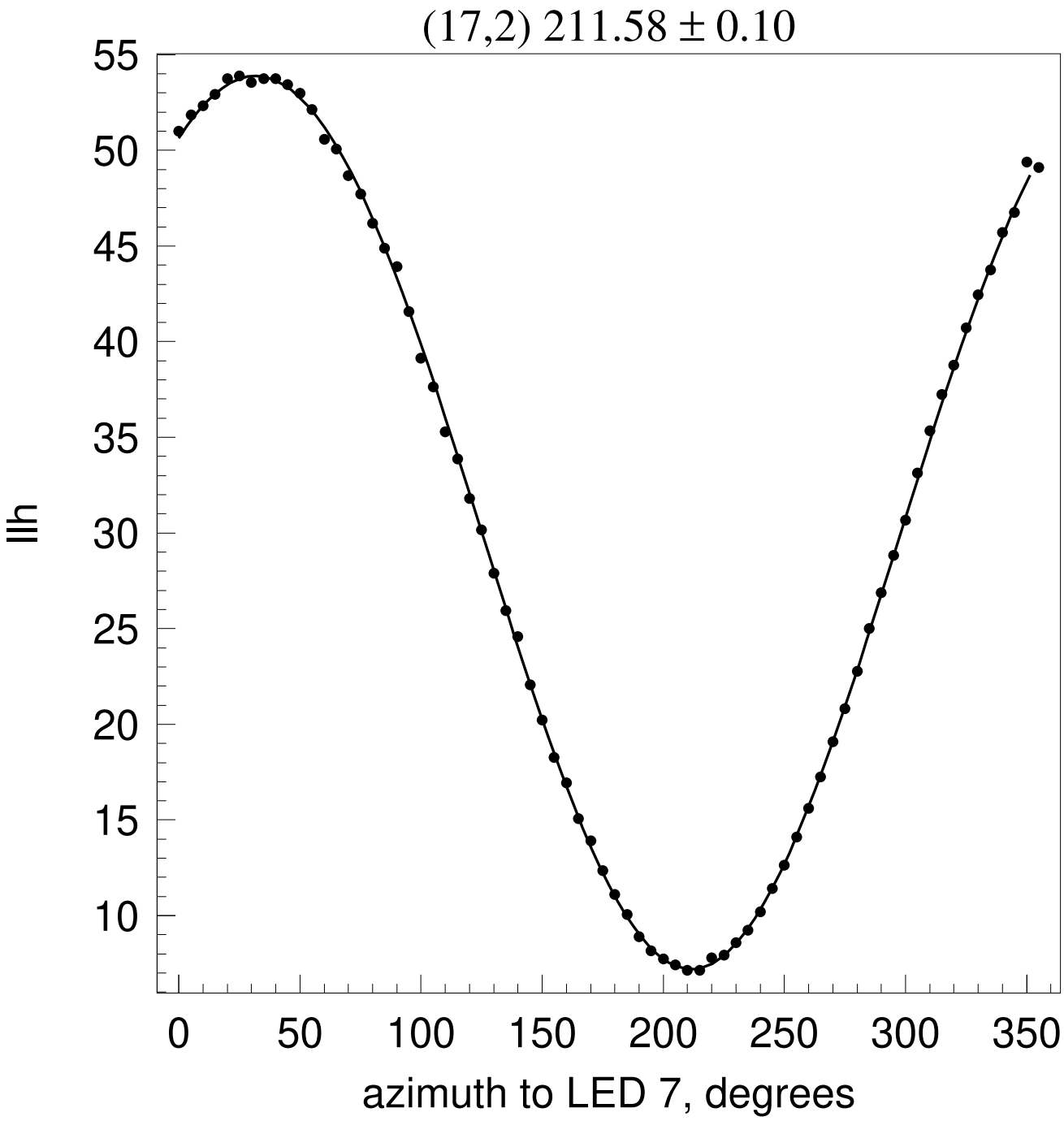

(16,57) 60.67 ± 0.06
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

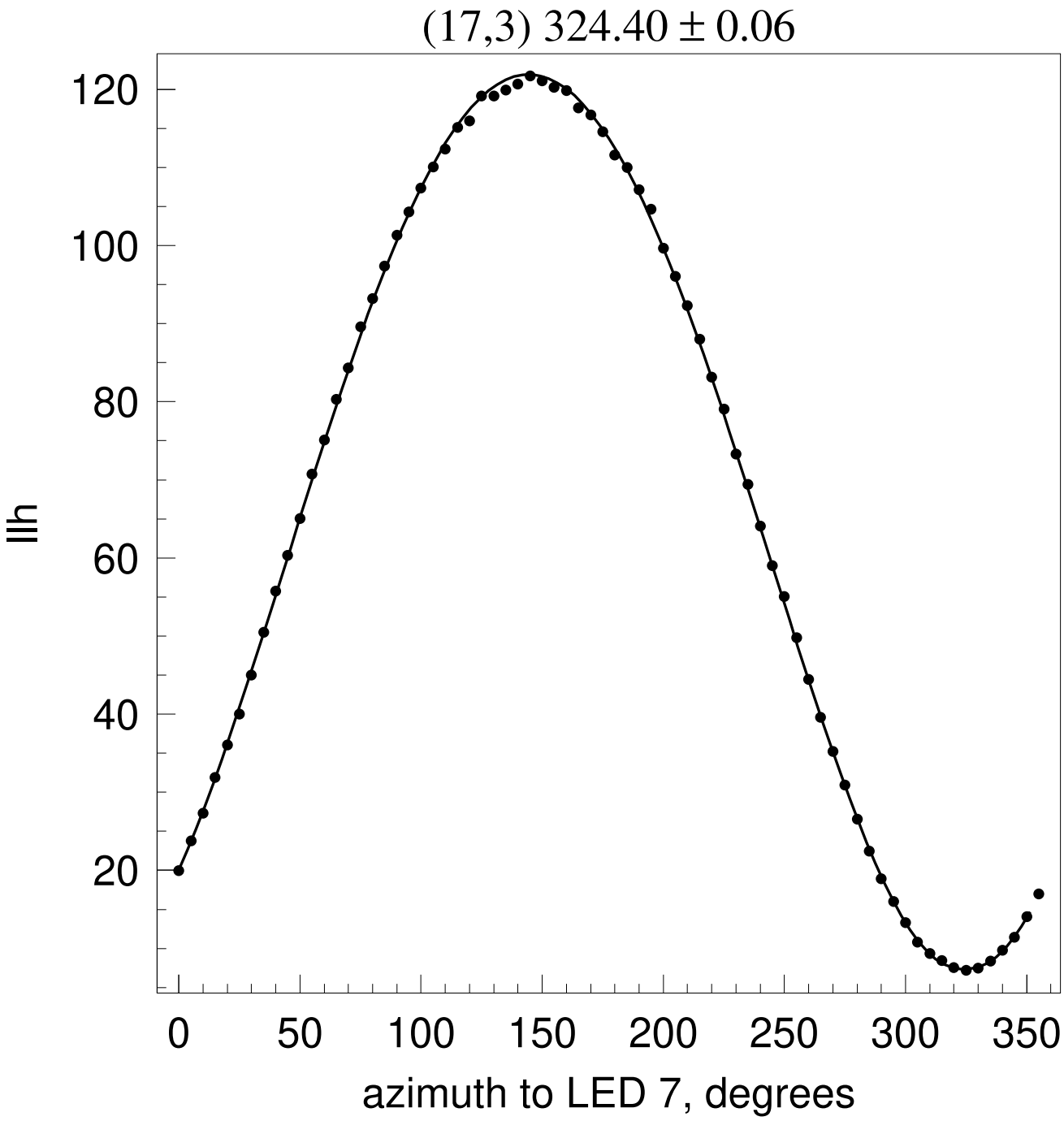

(16,58) 347.39 ± 1.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

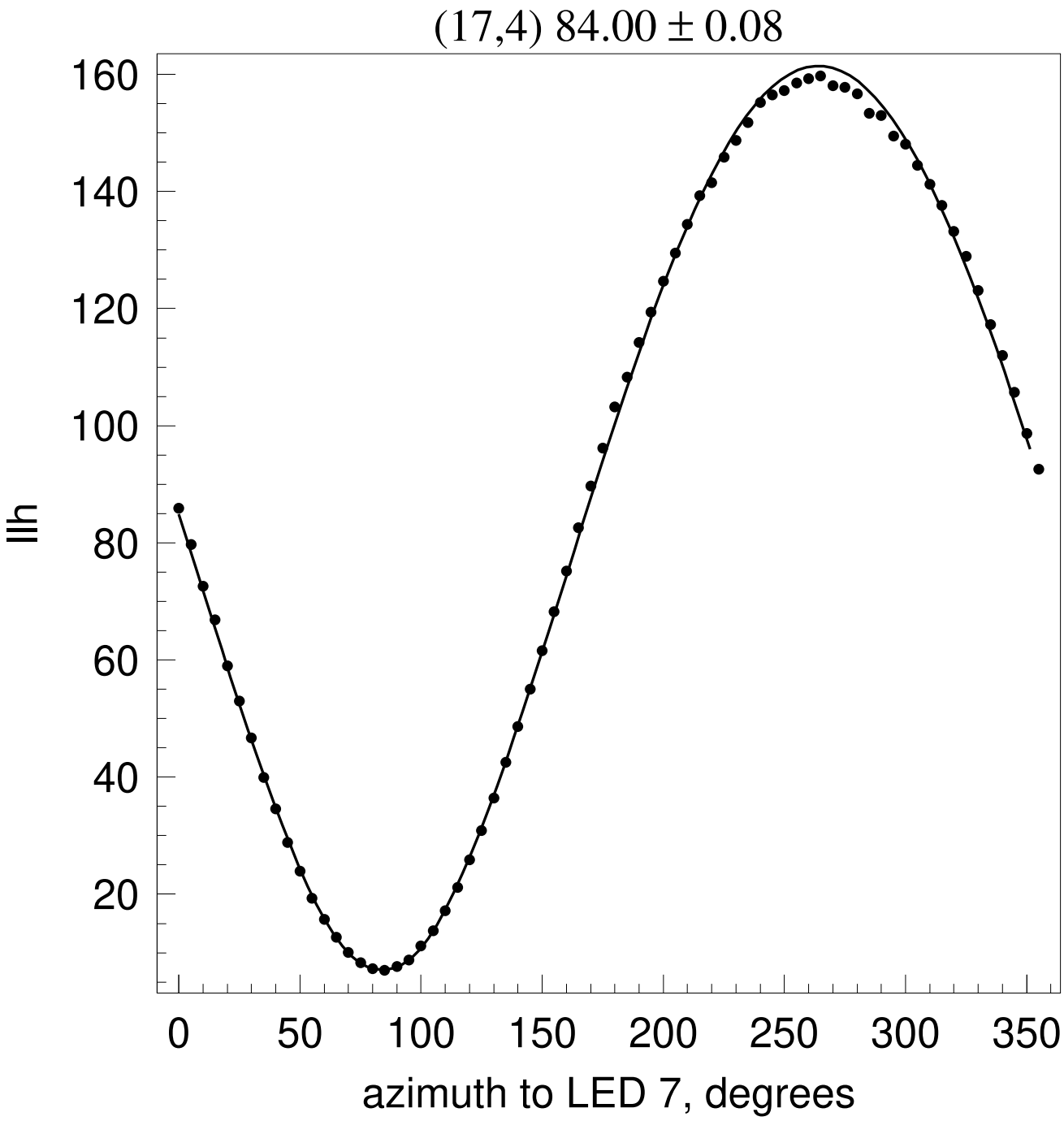

(16,59) 279.42 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

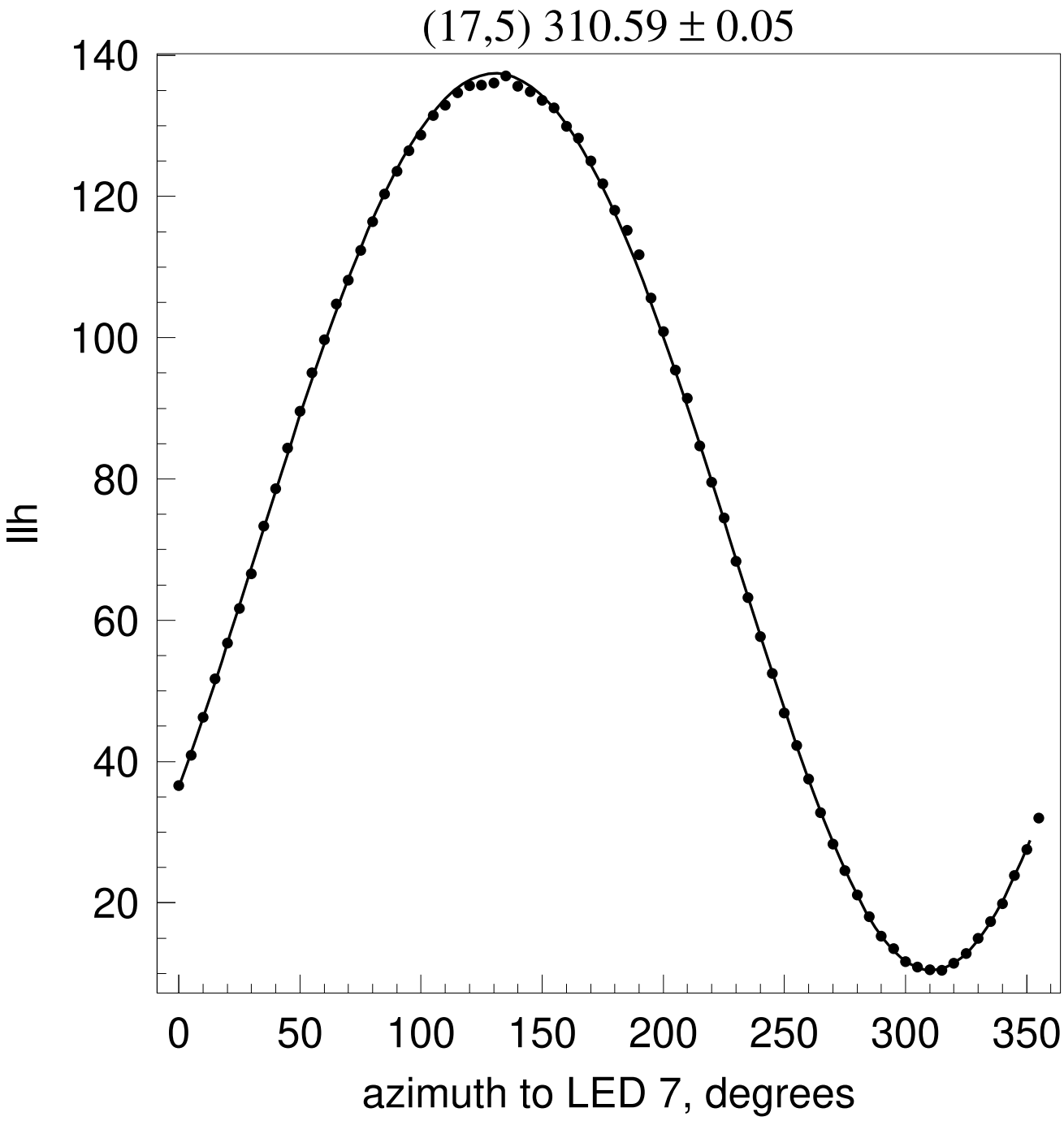

(16,60) 350.05 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

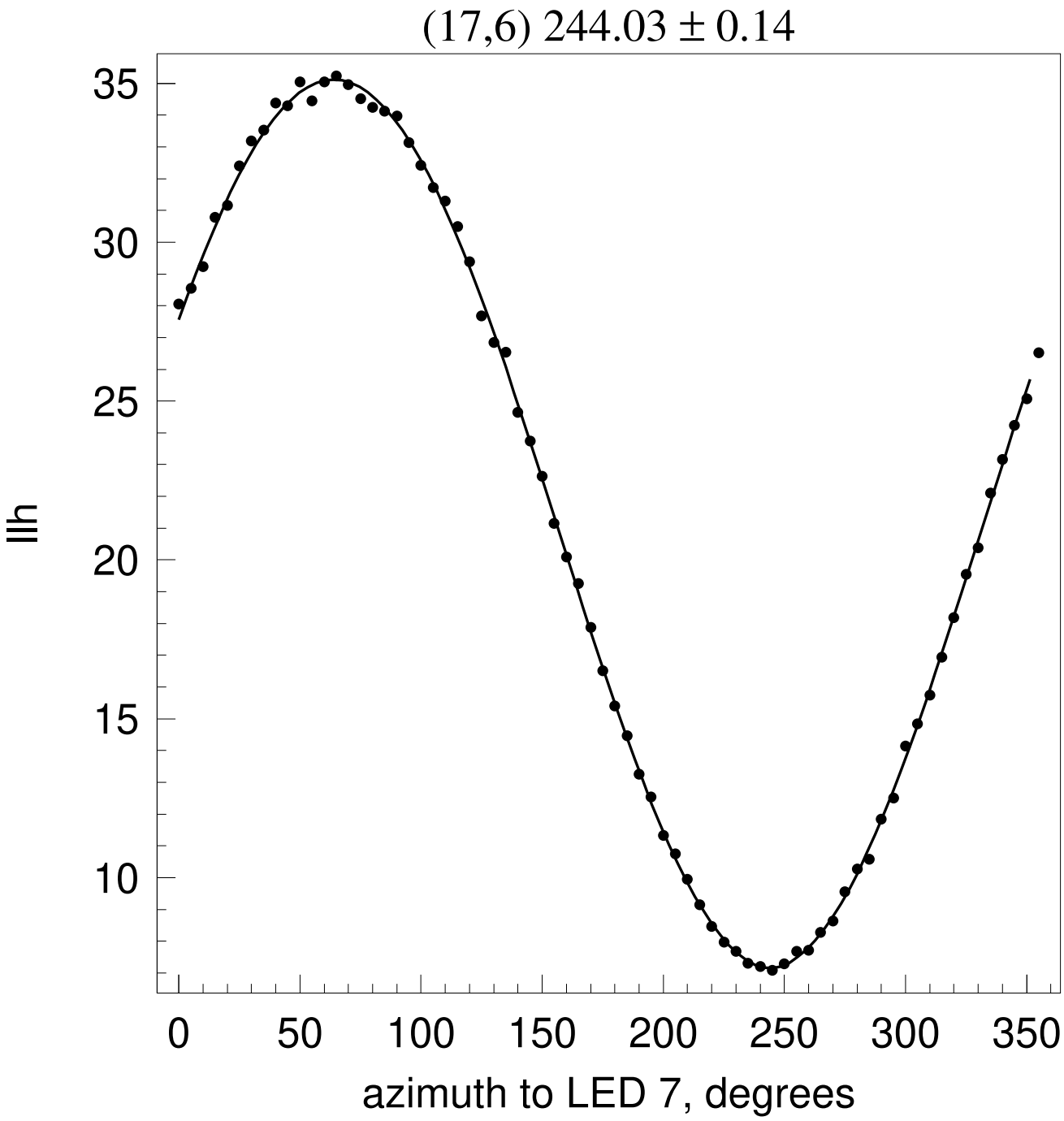

(17,1) 107.47 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

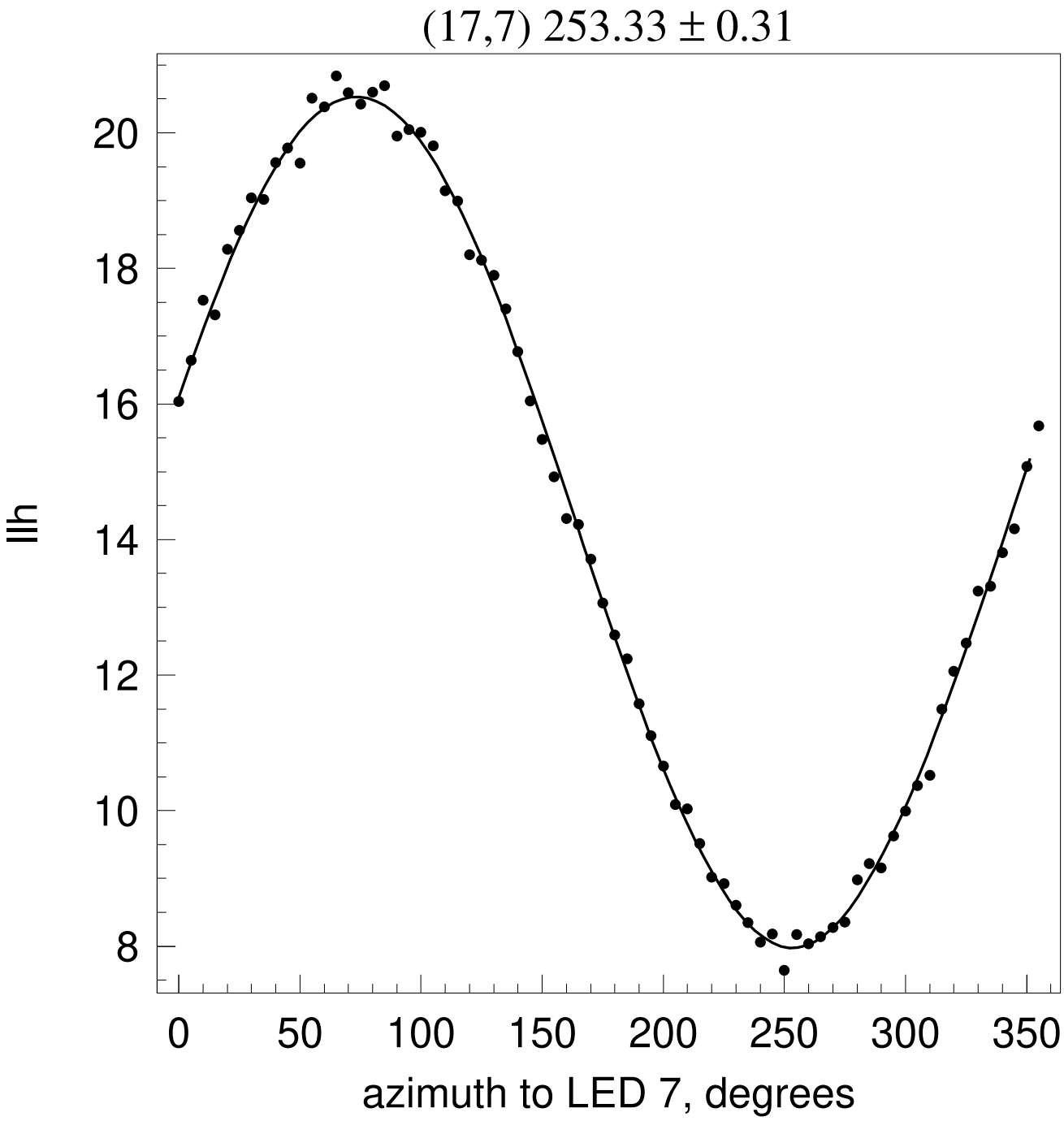

(17,2) 211.58 ± 0.10
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

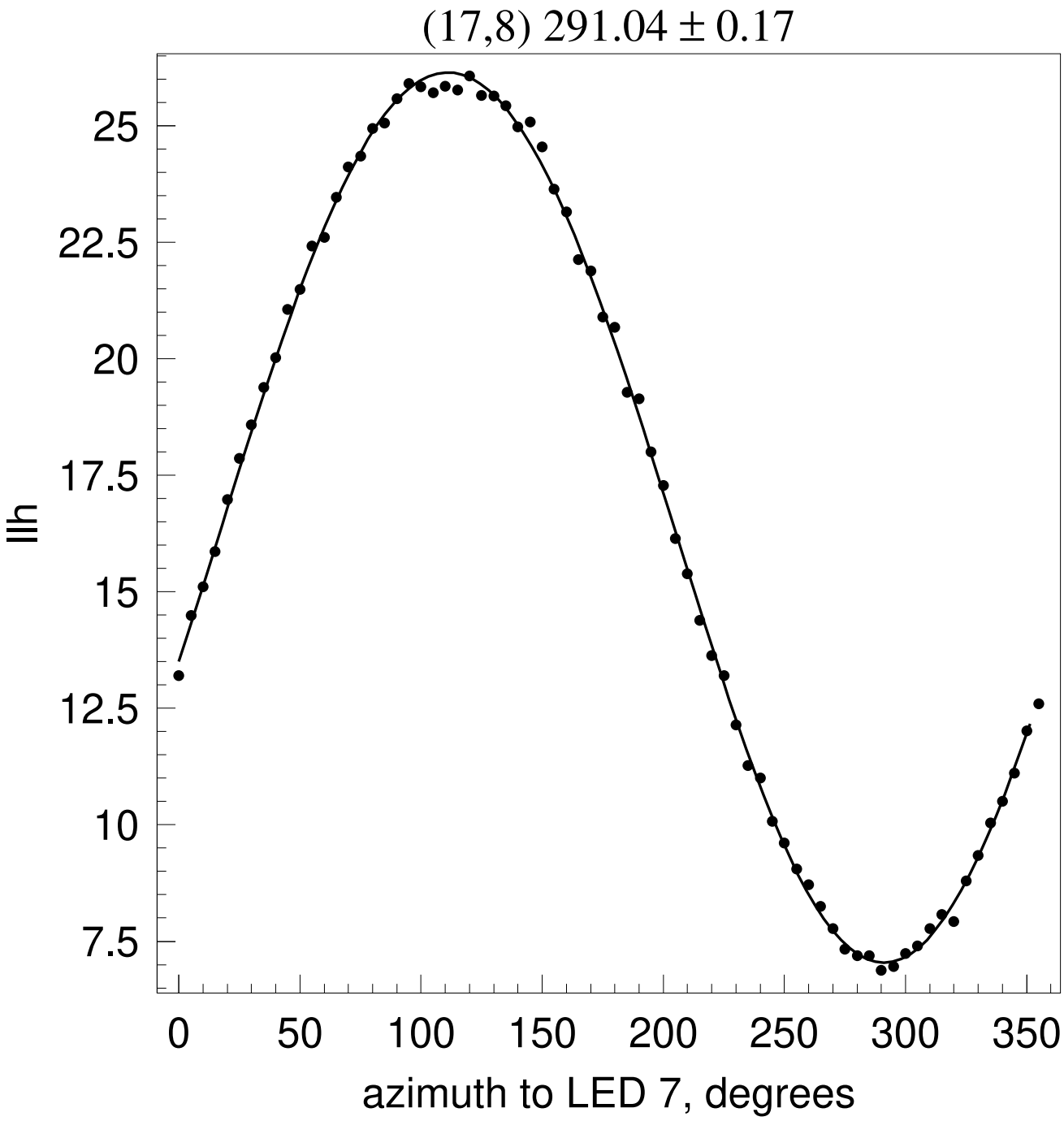

(17,3) 324.40 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

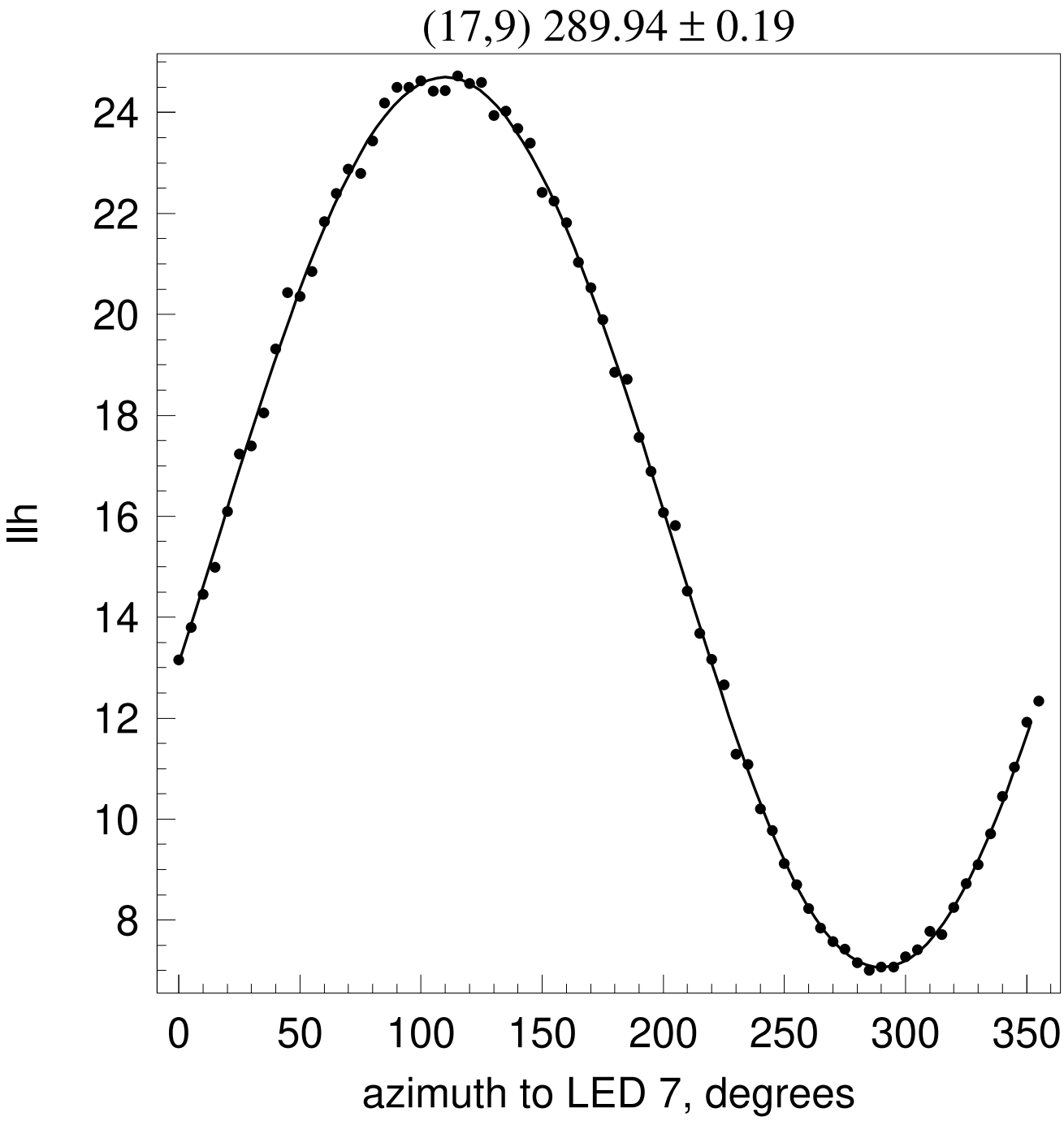

(17,4) 84.00 ± 0.08
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

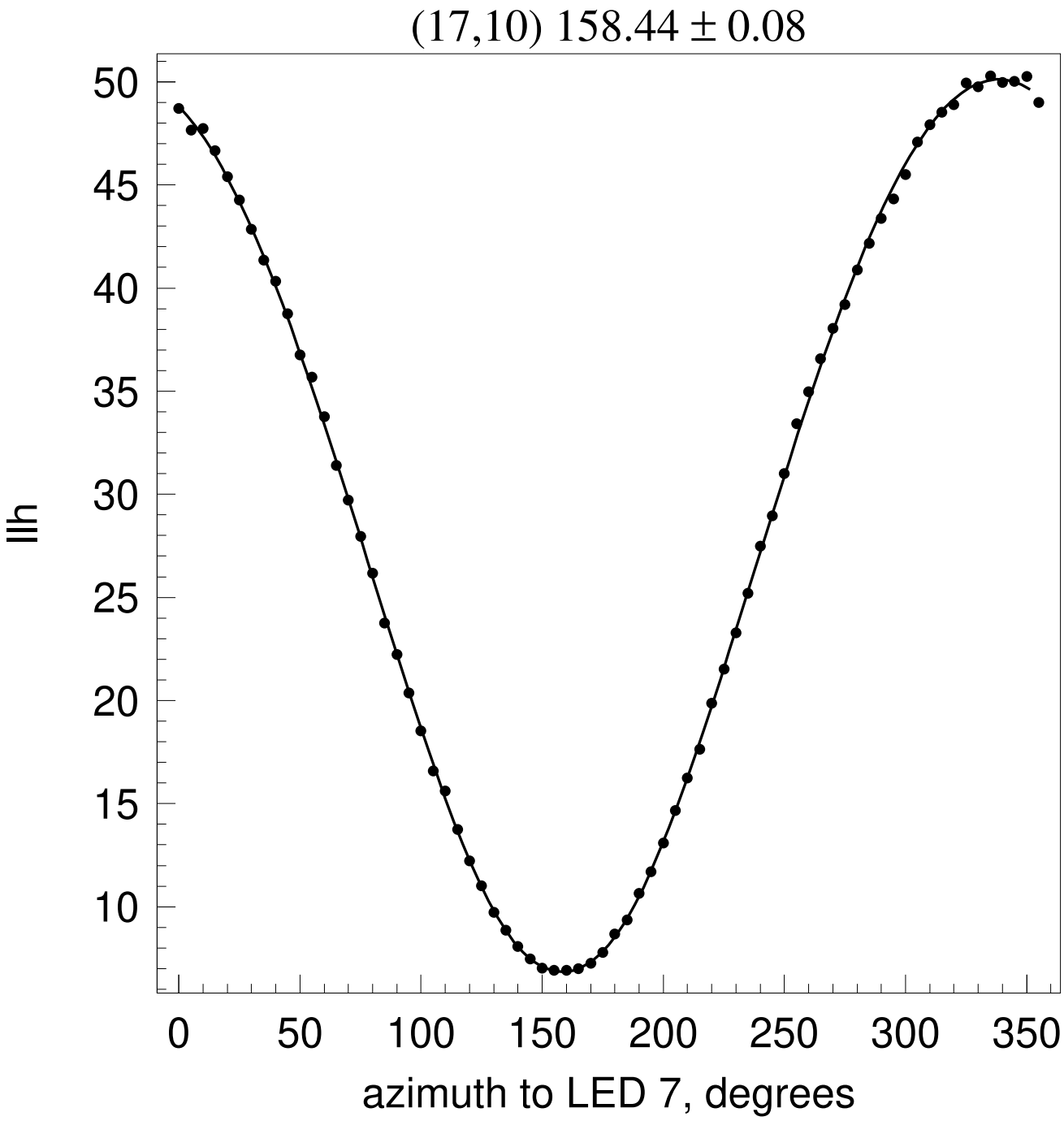

(17,5) 310.59 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

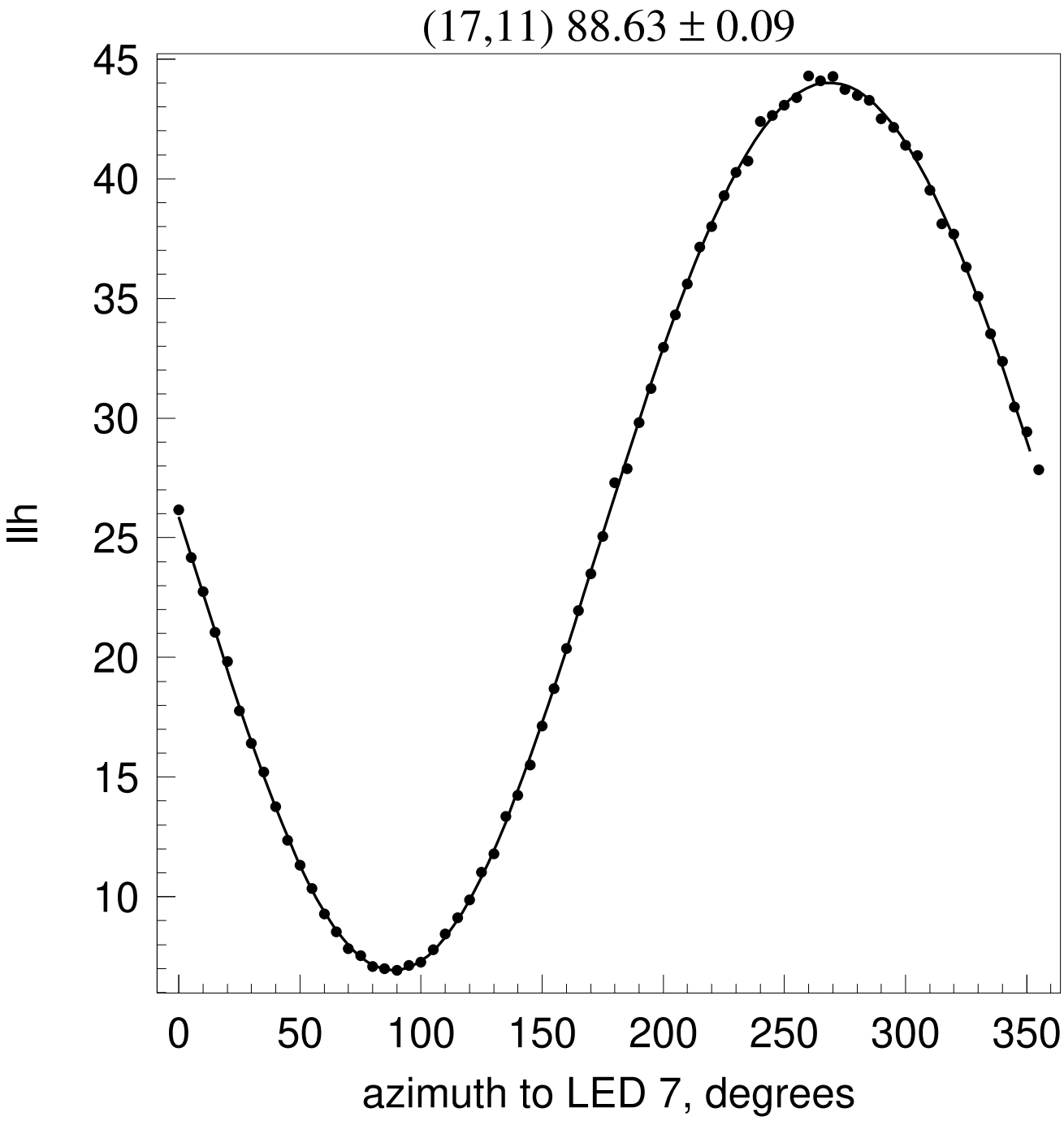

(17,6) 244.03 ± 0.14
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

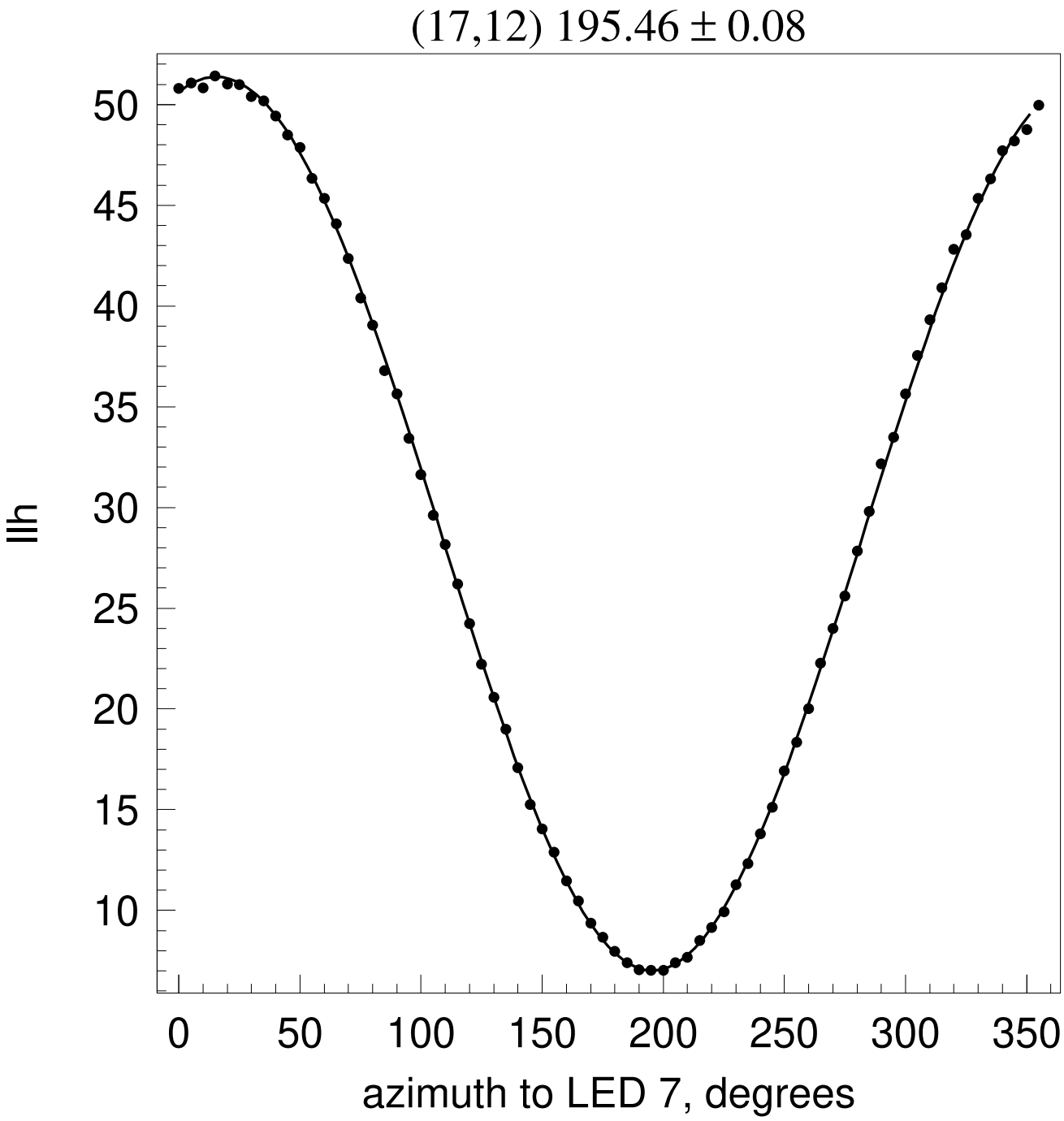

(17,7) 253.33 ± 0.31
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

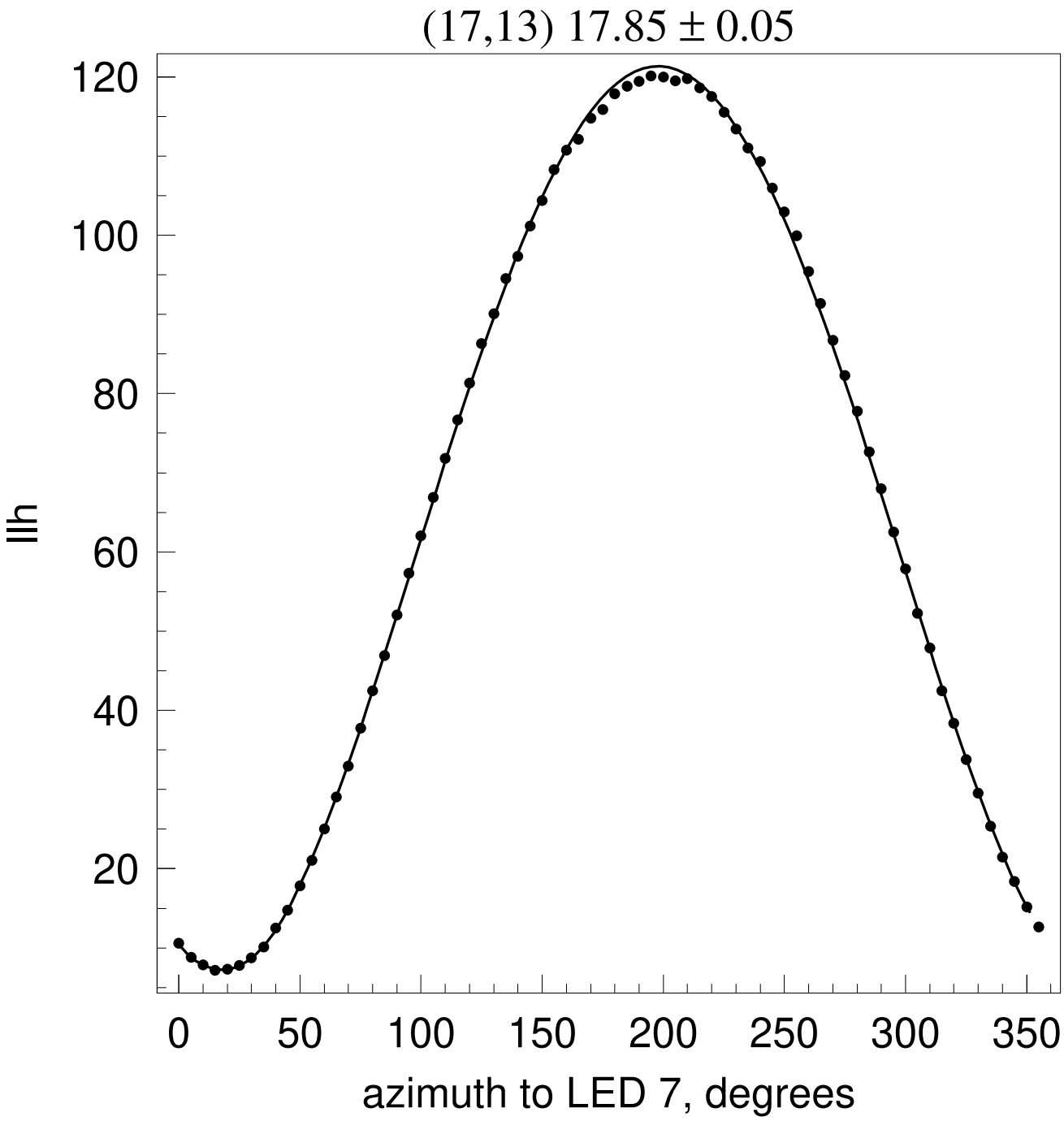

(17,8) 291.04 ± 0.17
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

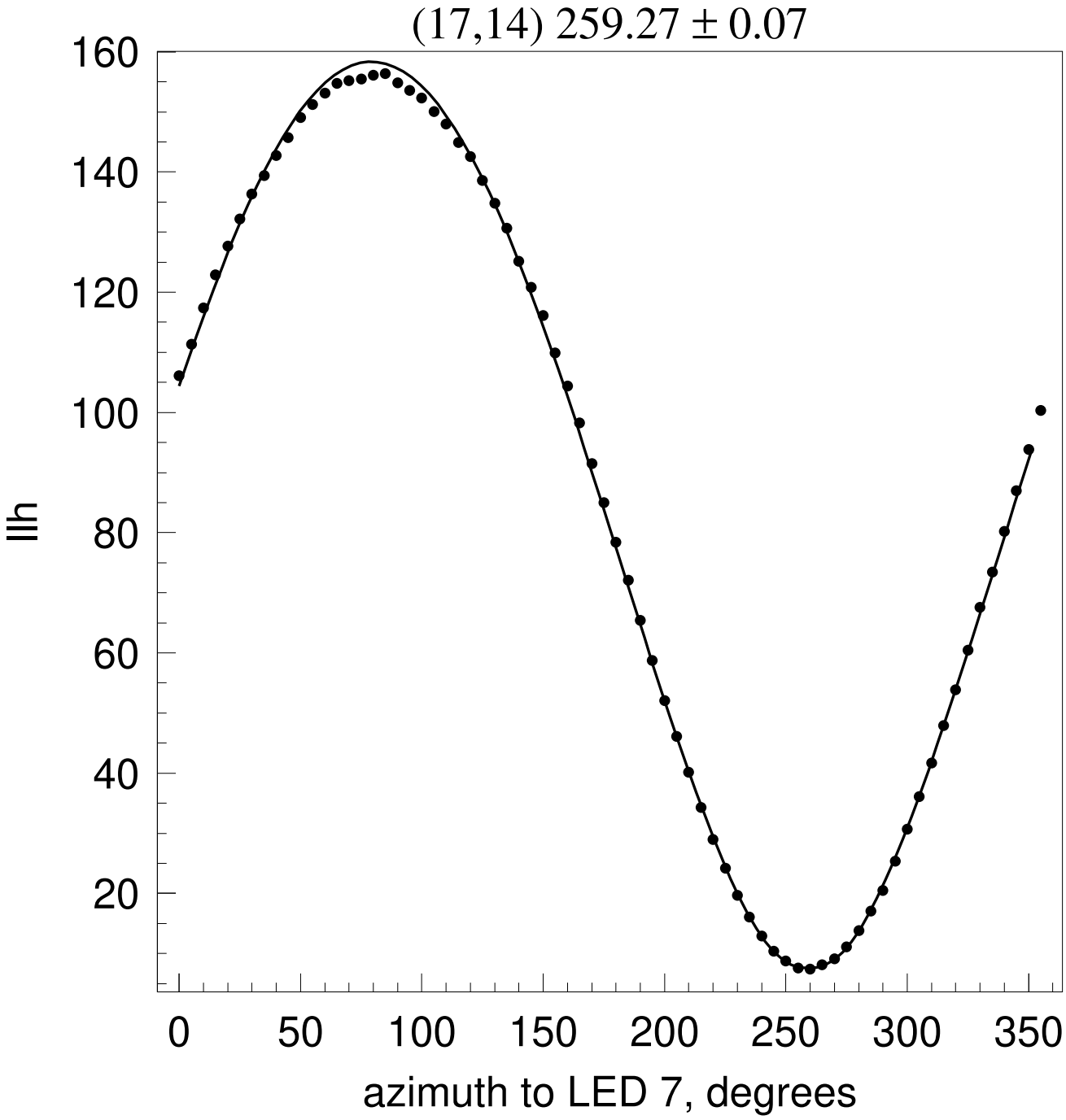

(17,9) 289.94 ± 0.19
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

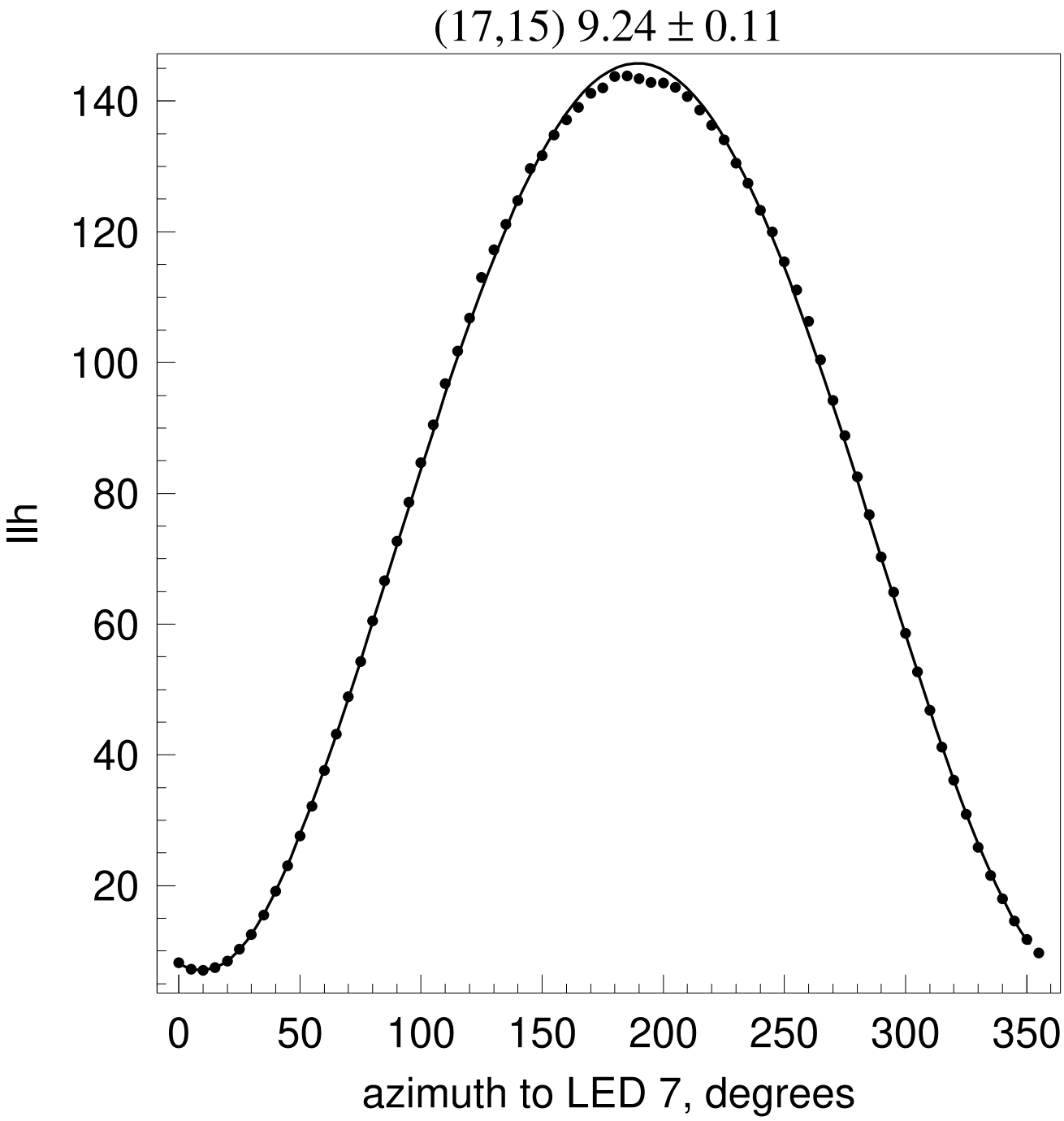

(17,10) 158.44 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

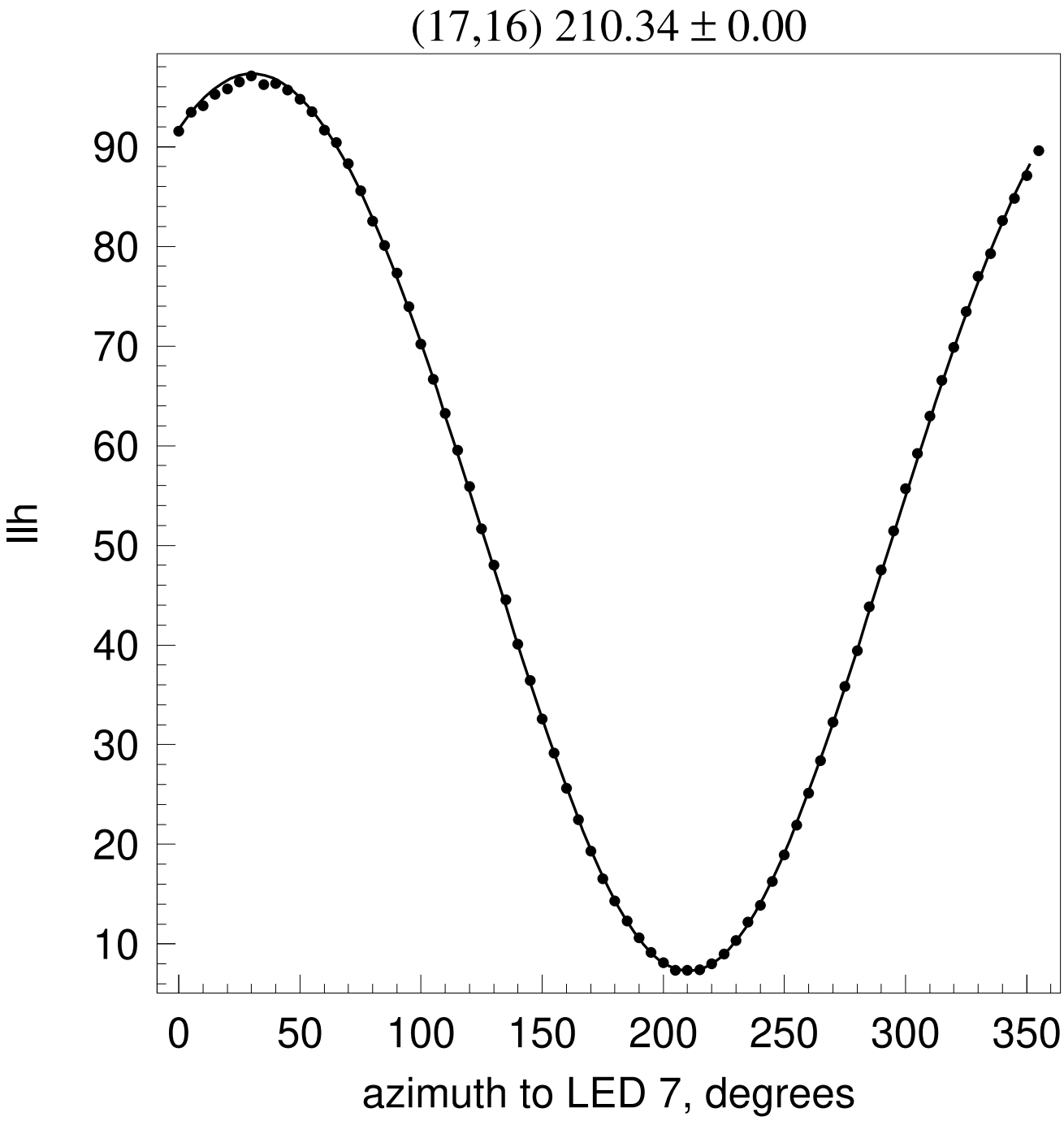

(17,11) 88.63 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

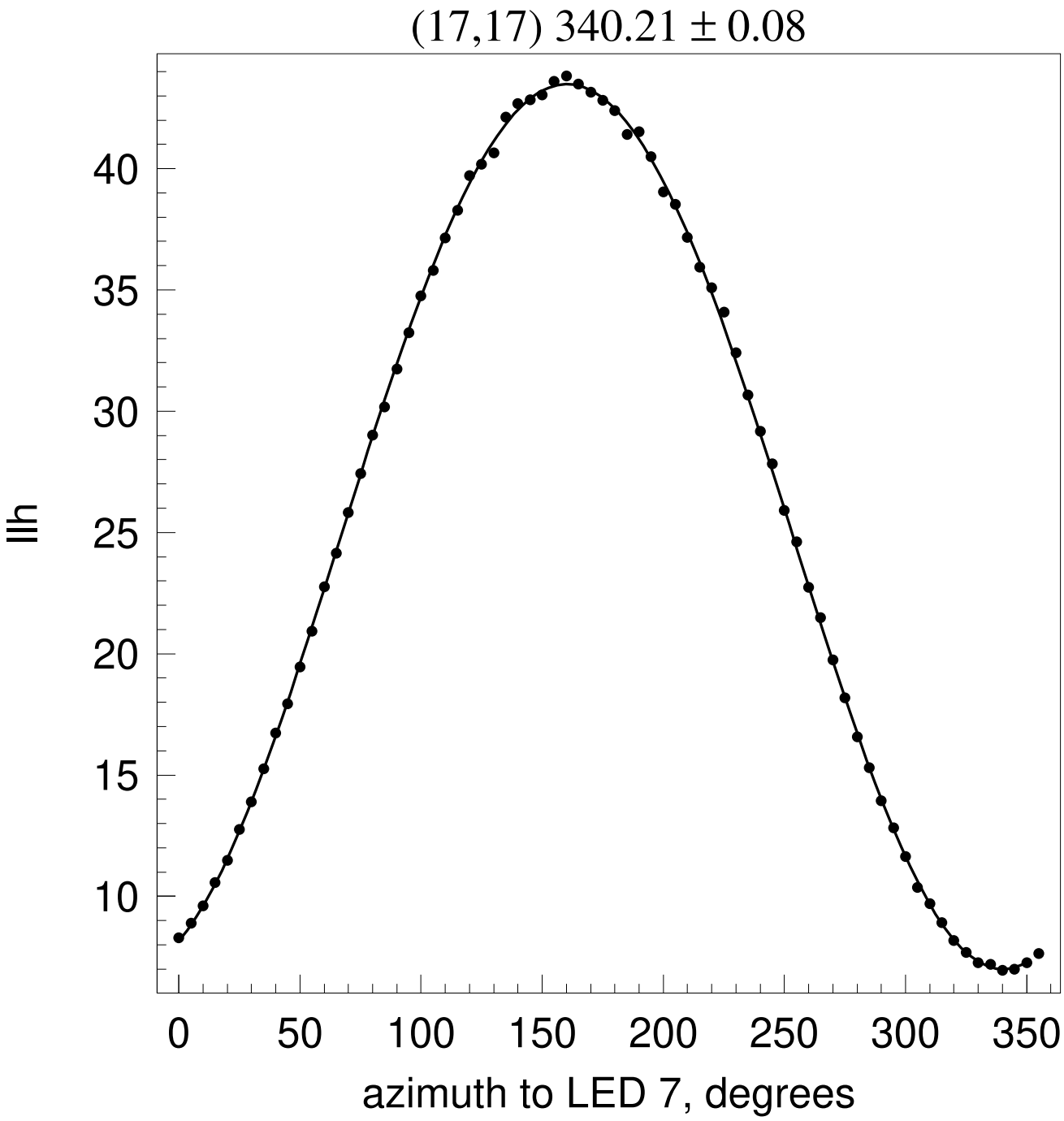

(17,12) 195.46 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

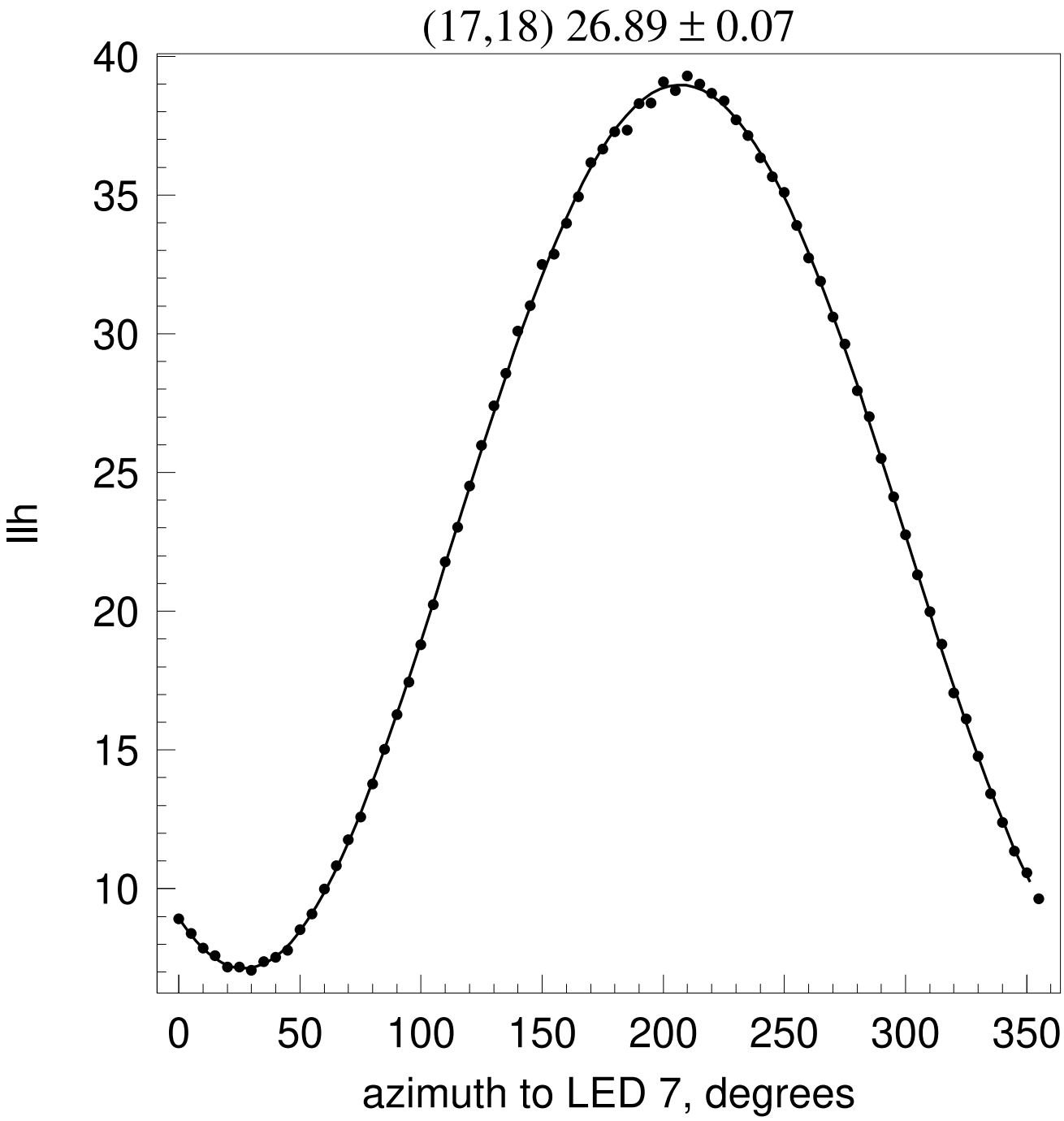

(17,13) 17.85 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

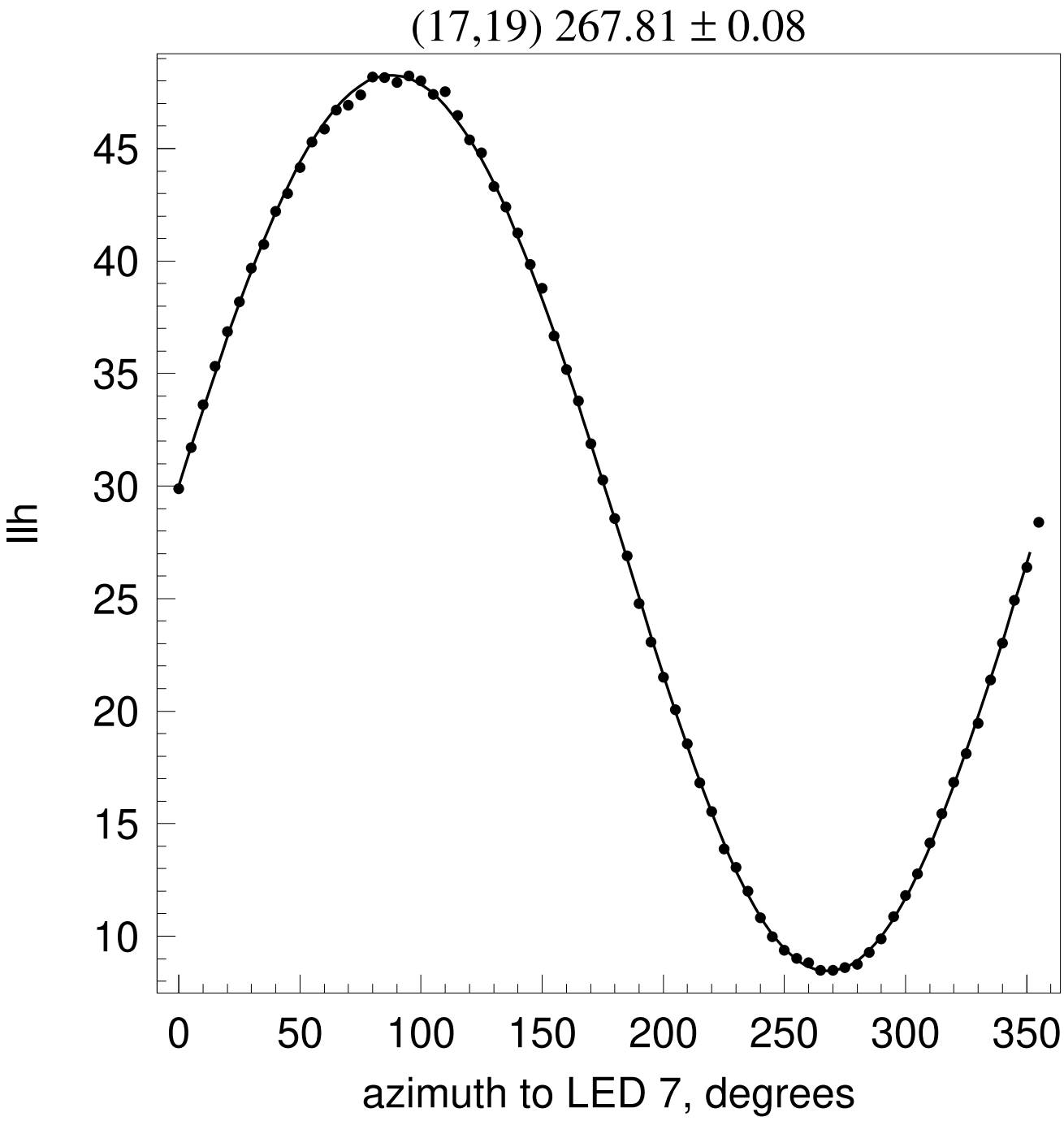

(17,14) 259.27 ± 0.07
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

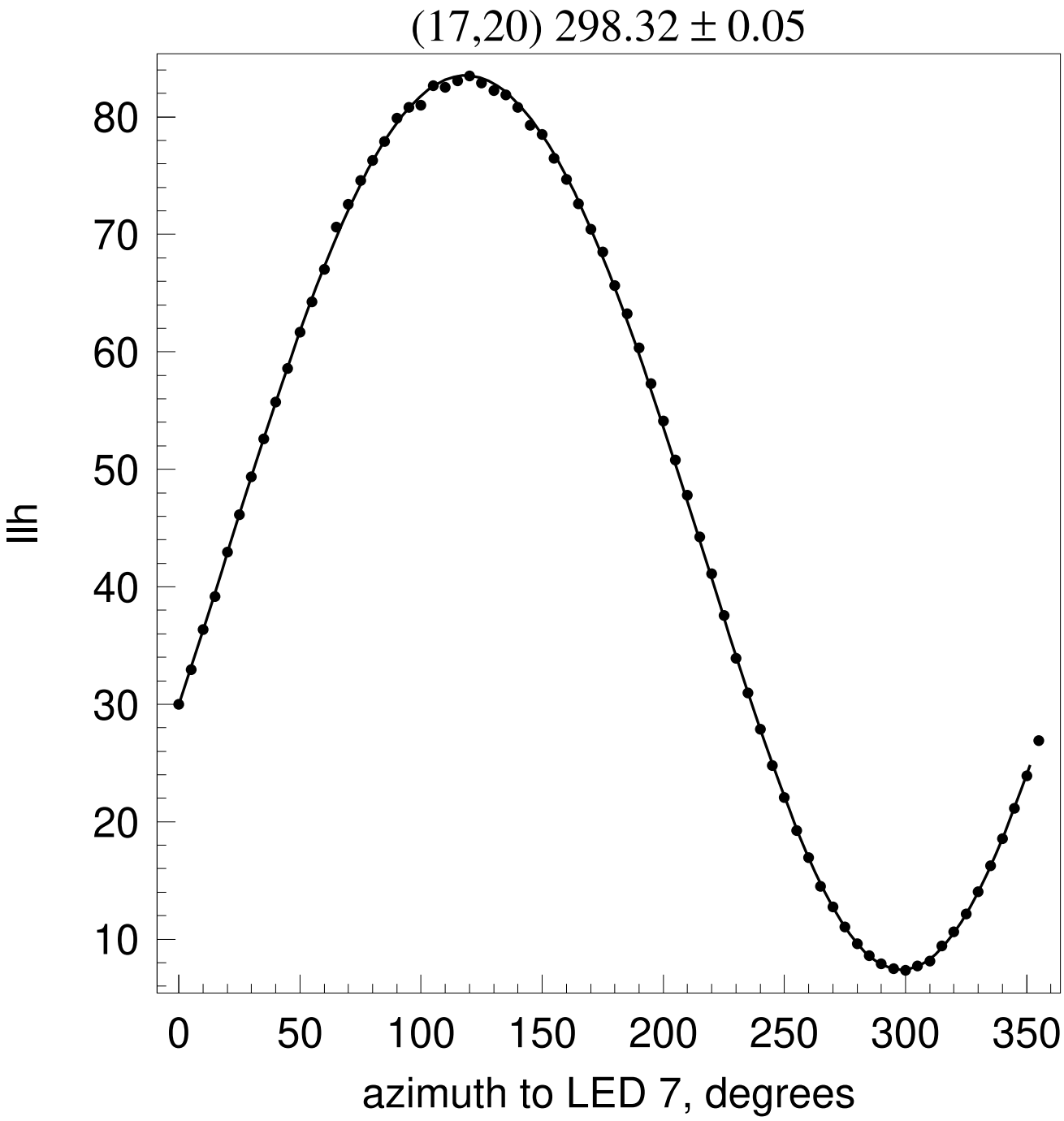

(17,15) 9.24 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

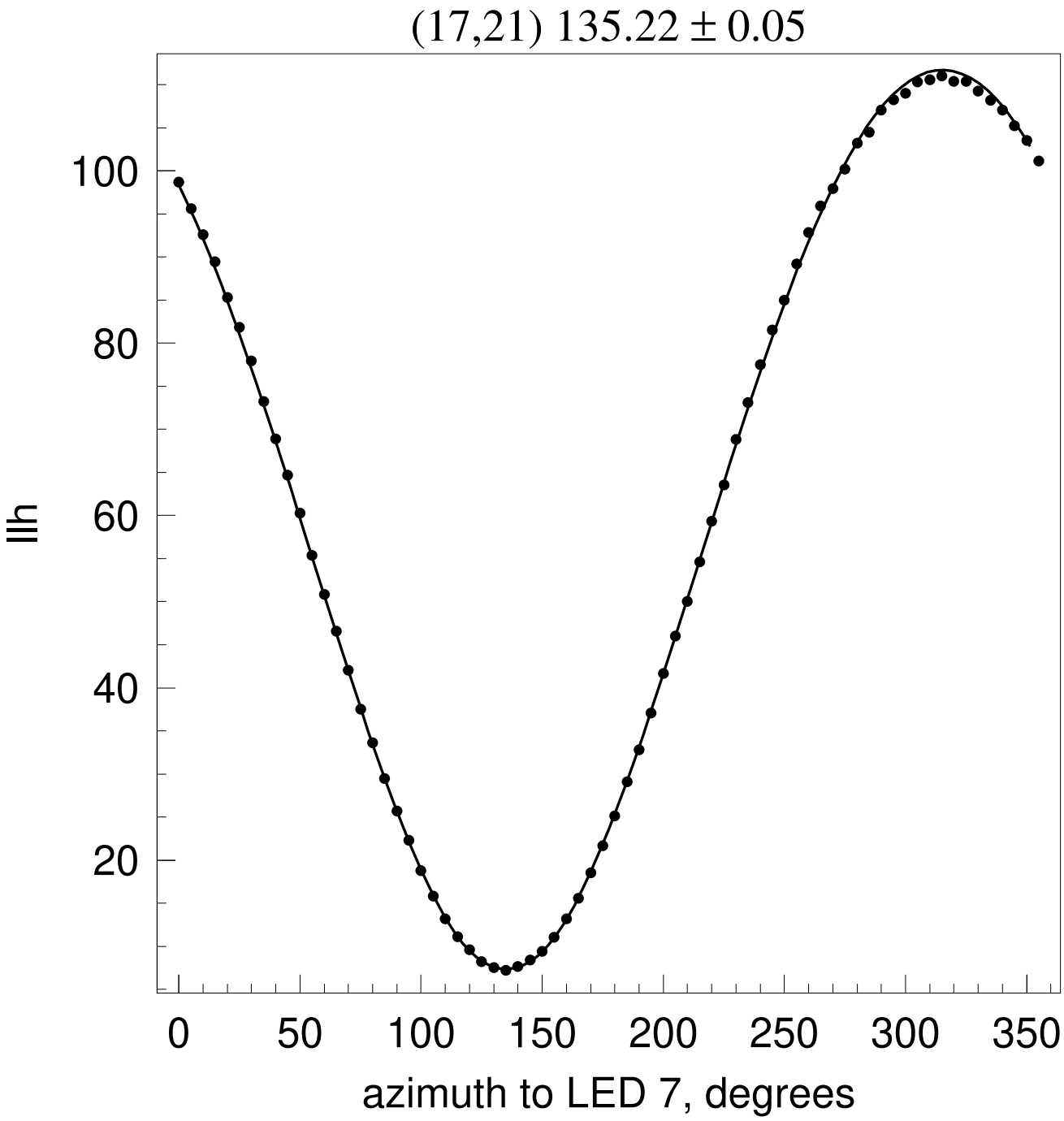

(17,16) 210.34 ± 0.00
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

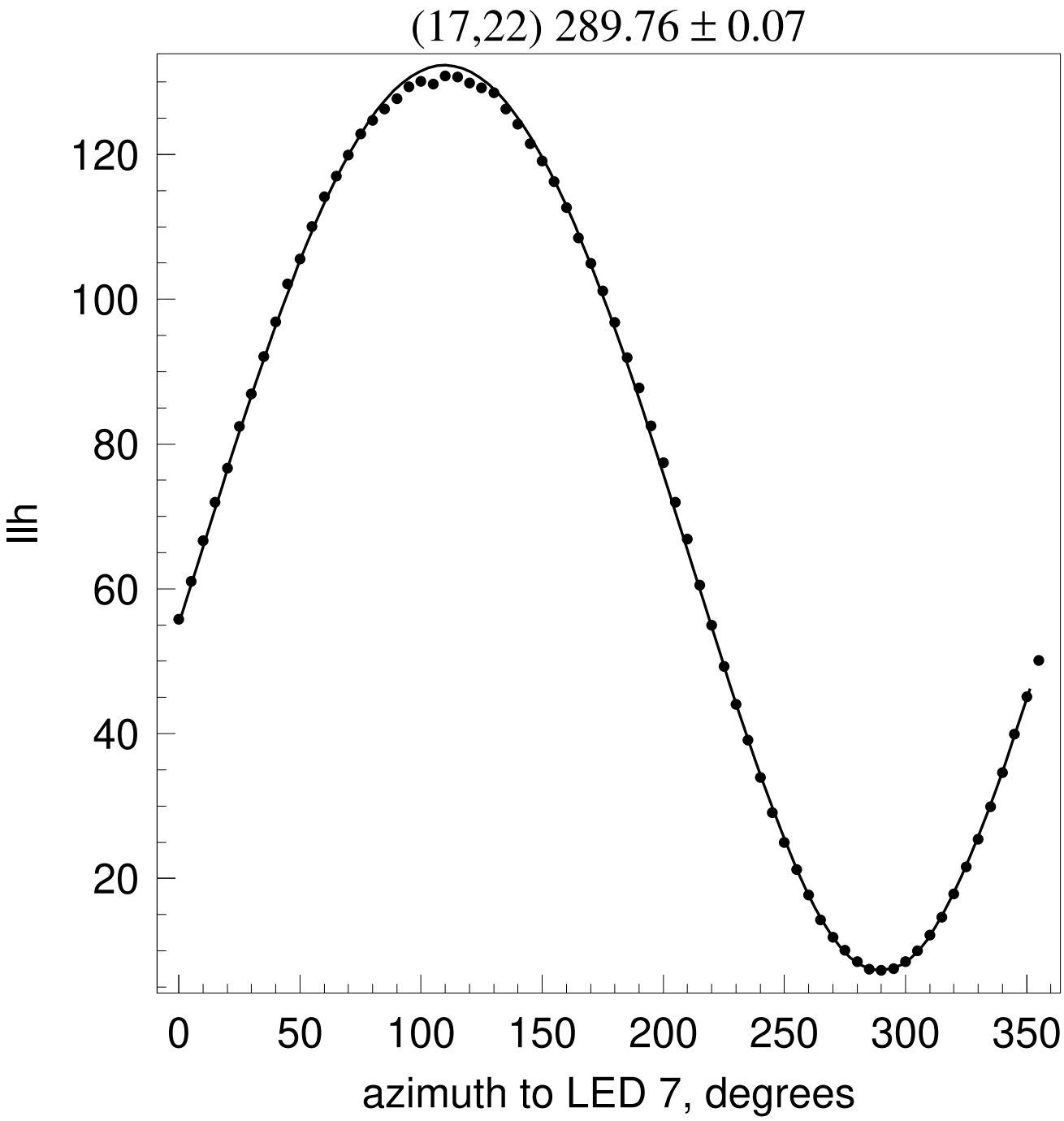

(17,17) 340.21 ± 0.08
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

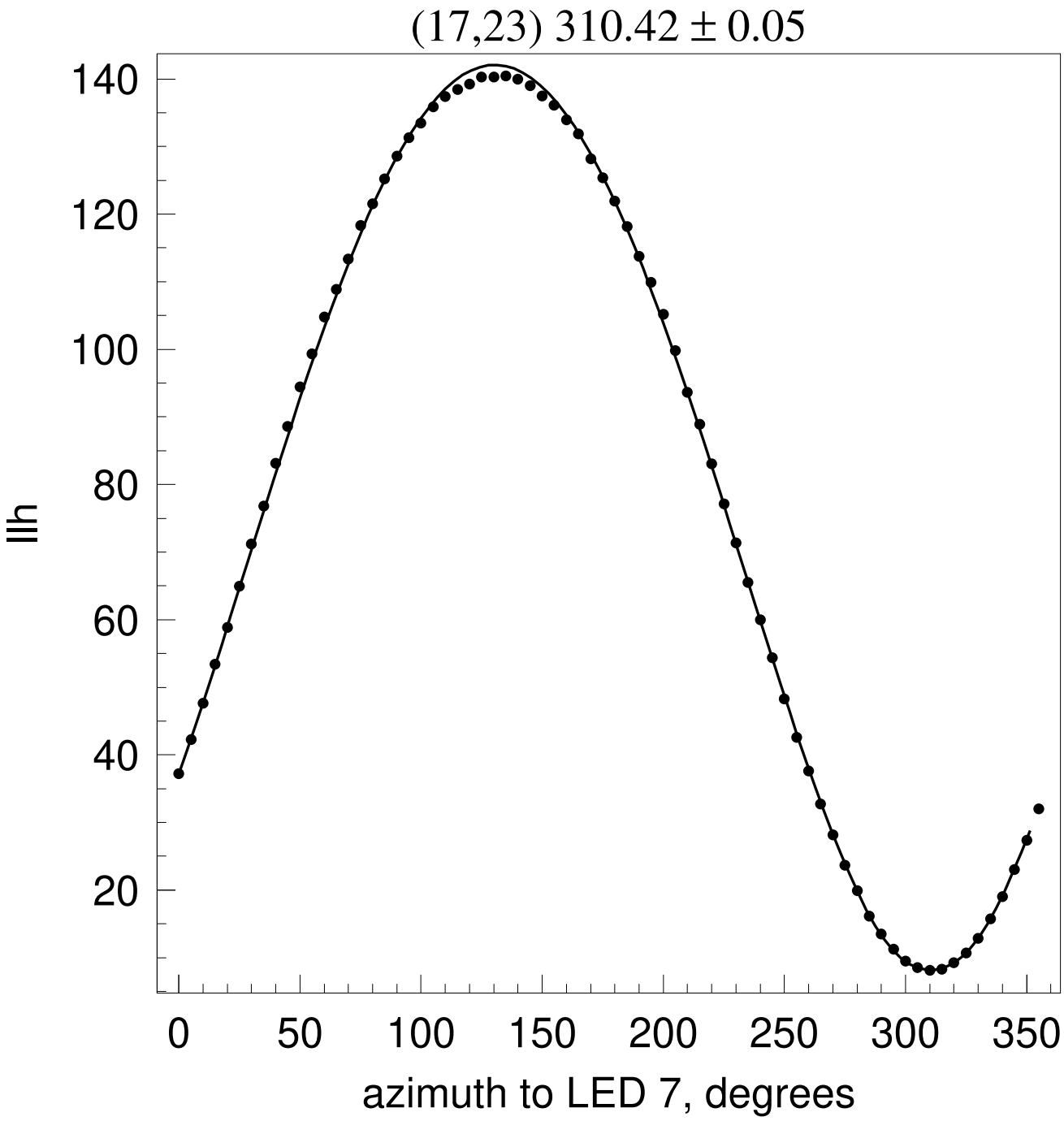

(17,18) 26.89 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

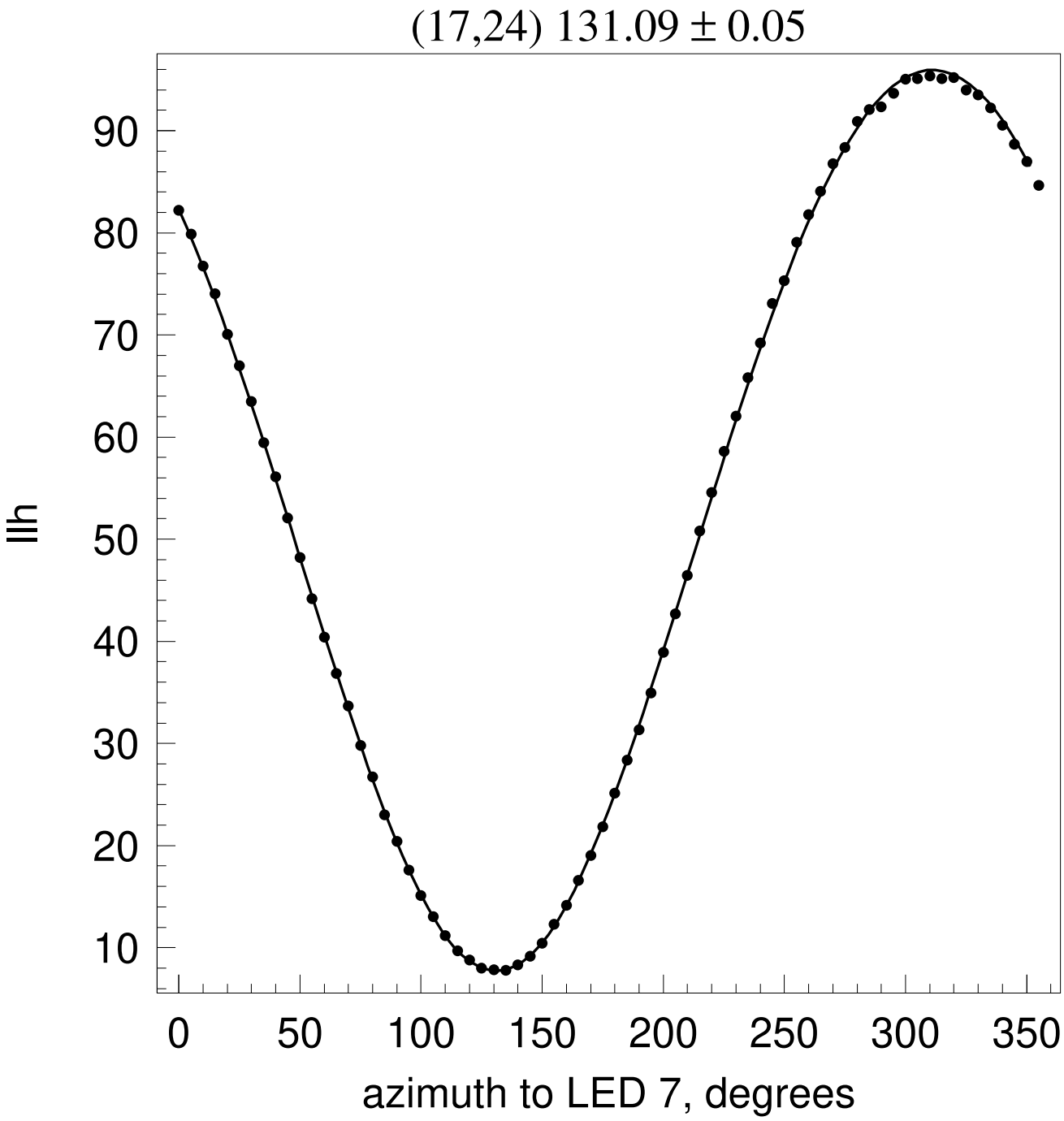

(17,19) 267.81 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

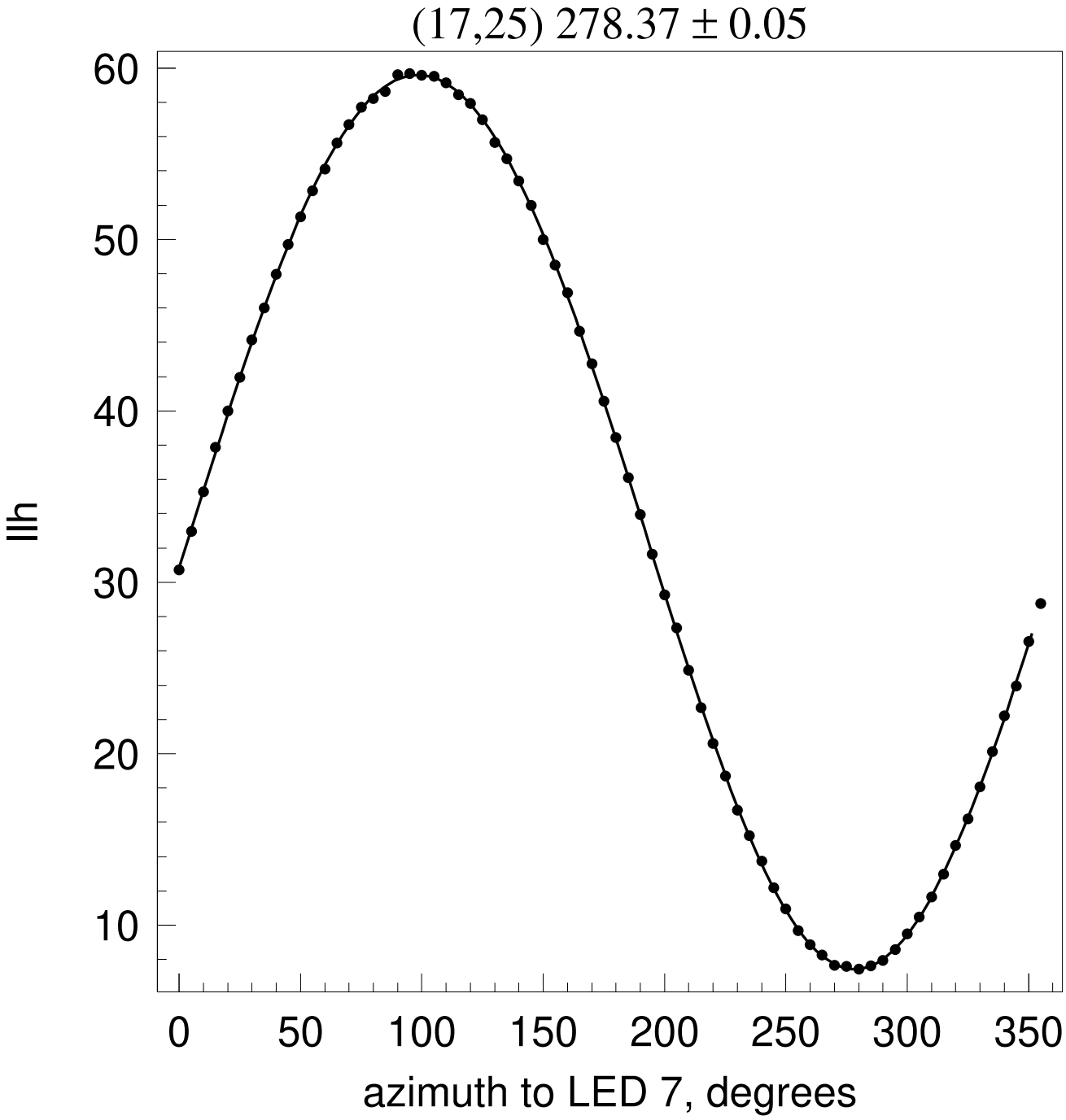

(17,20) 298.32 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

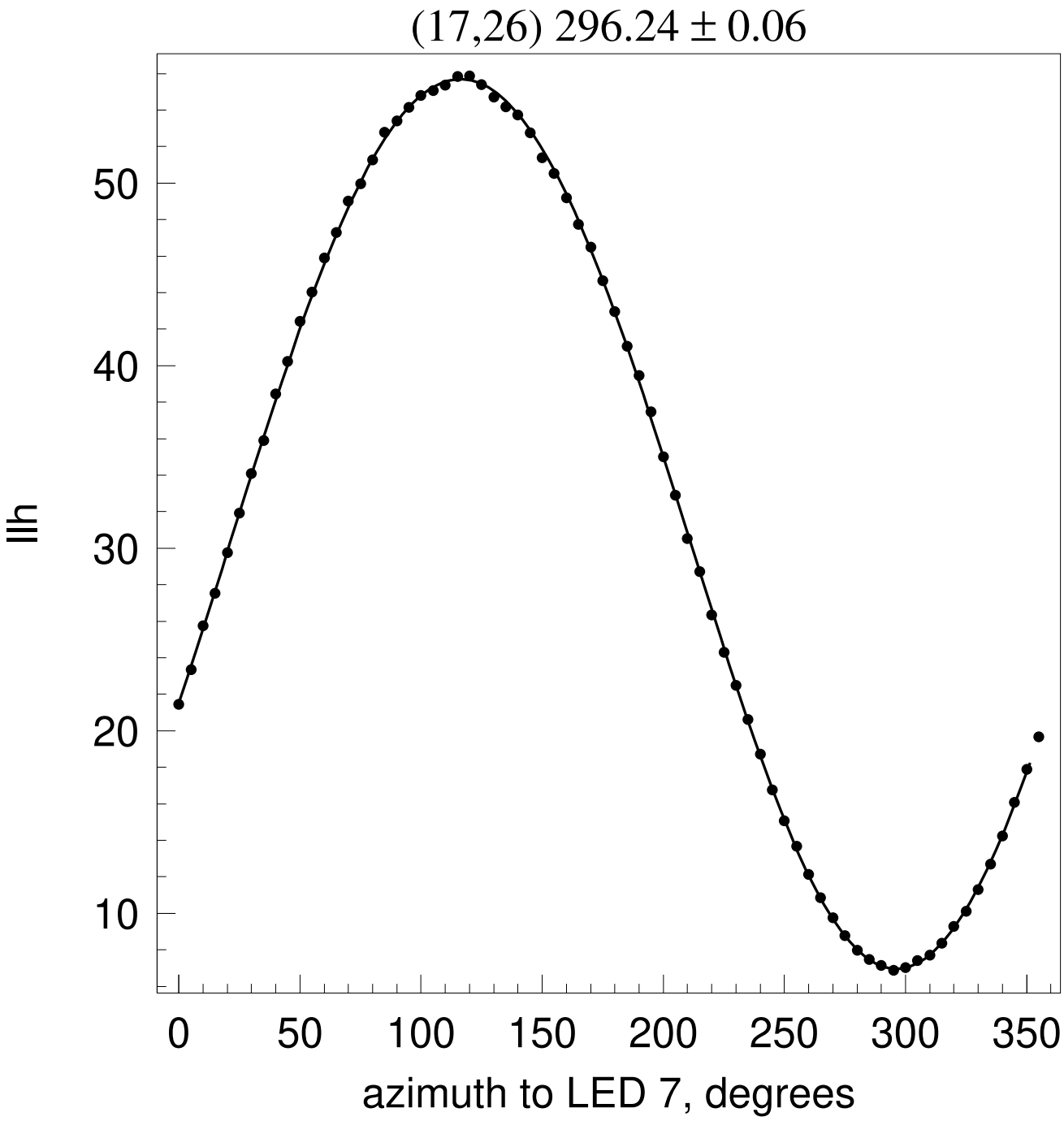

(17,21) 135.22 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

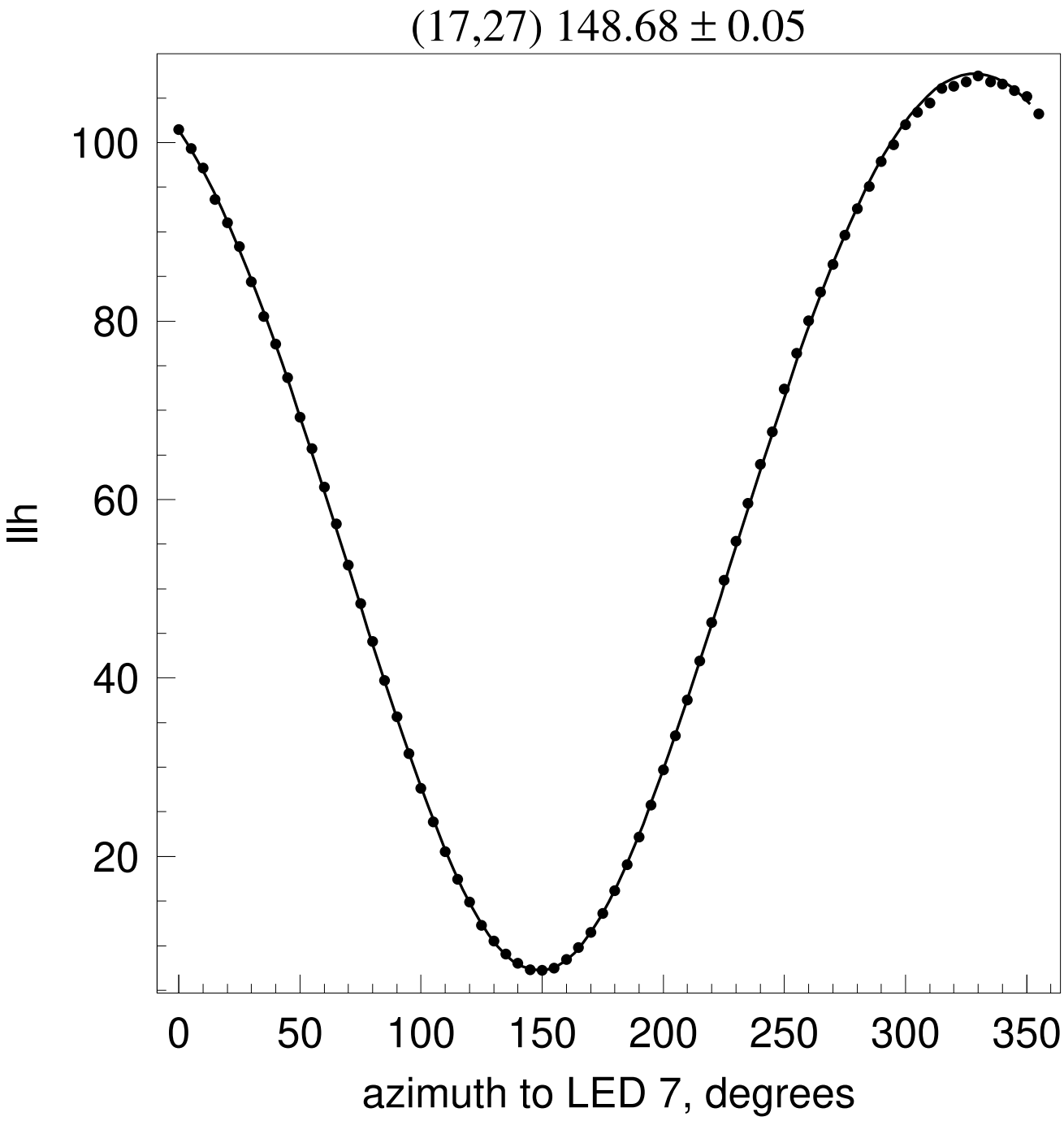

(17,22) 289.76 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

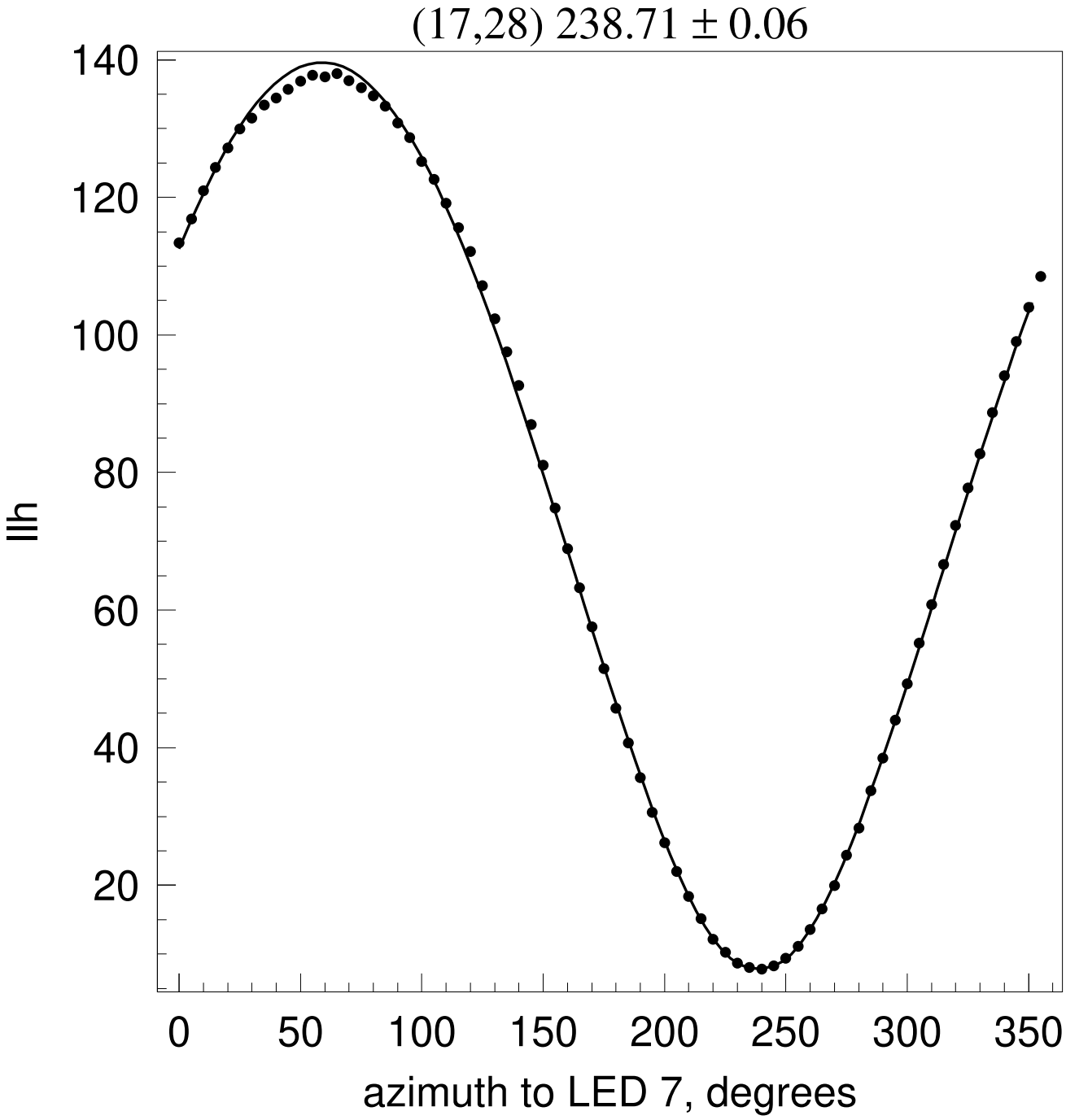

(17,23) 310.42 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

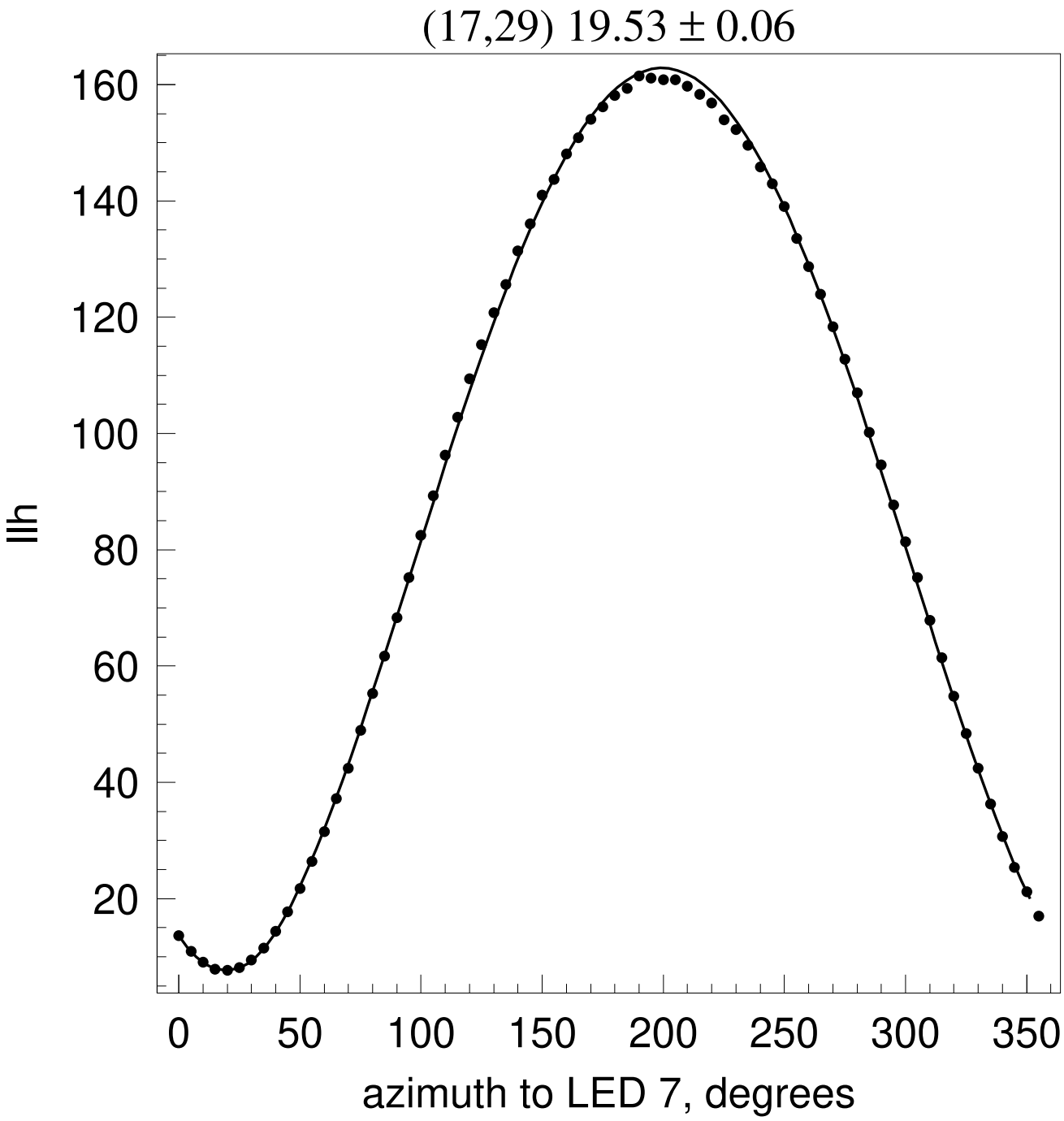

(17,24) 131.09 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

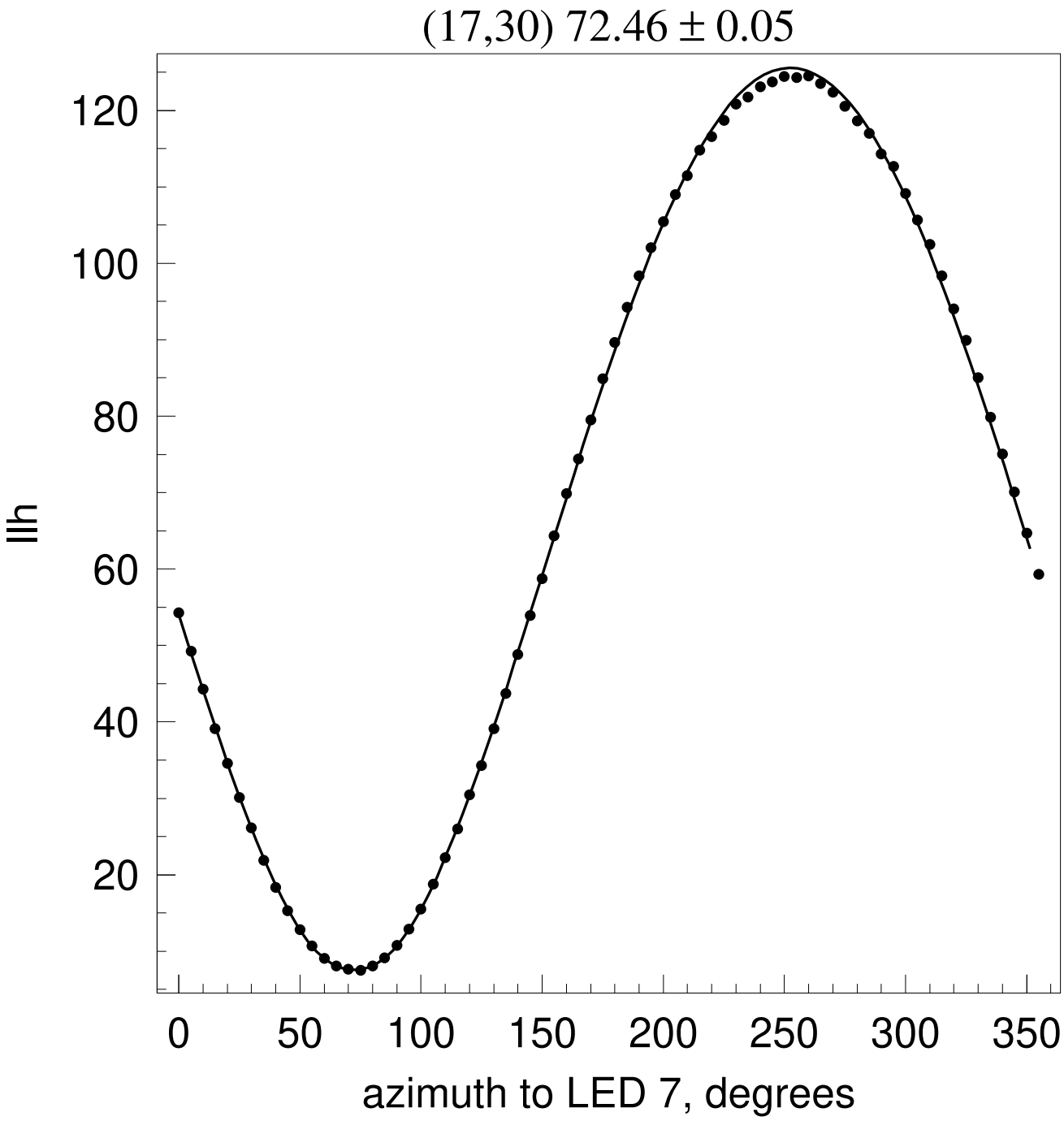

(17,25) 278.37 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

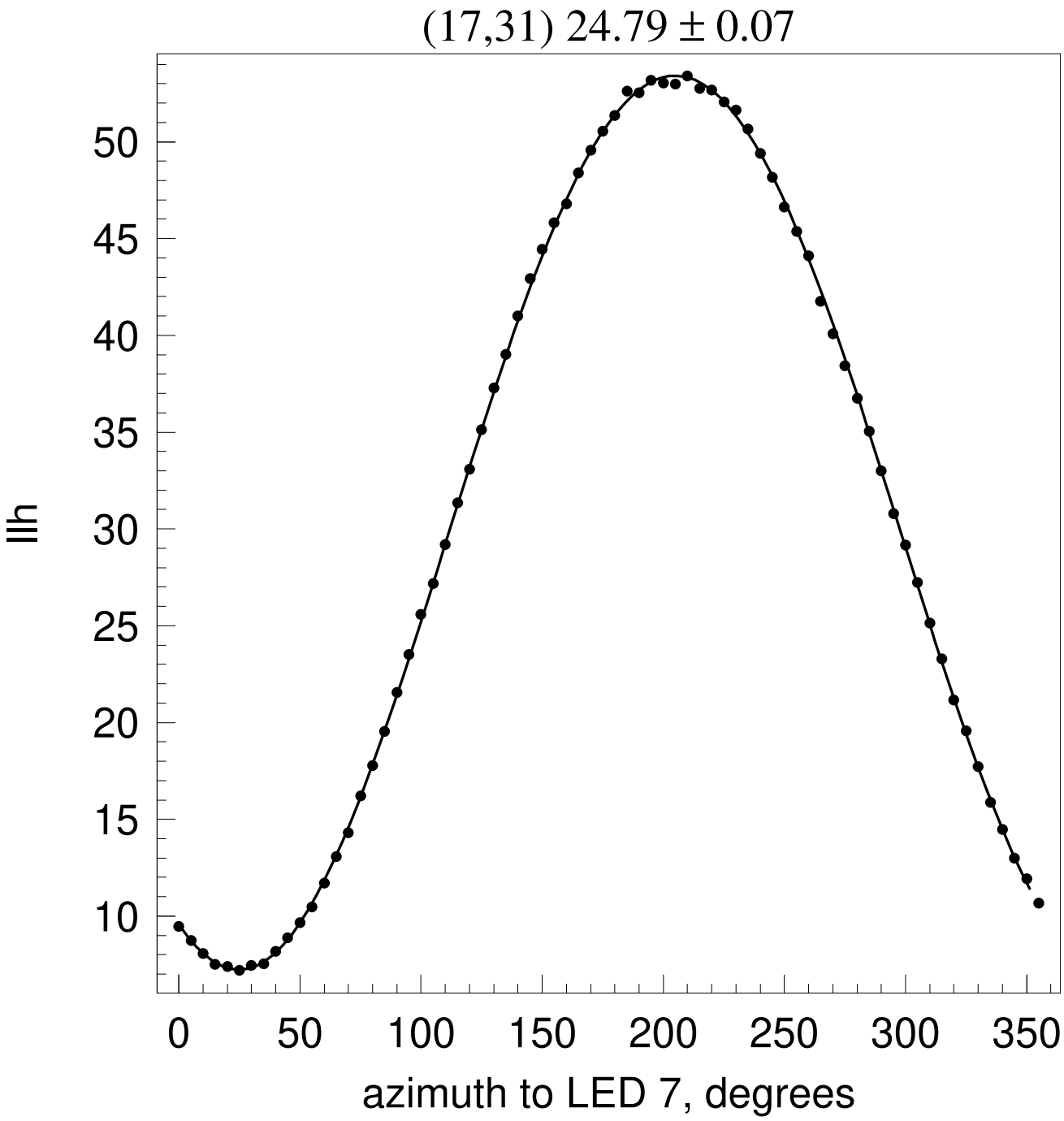

(17,26) 296.24 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

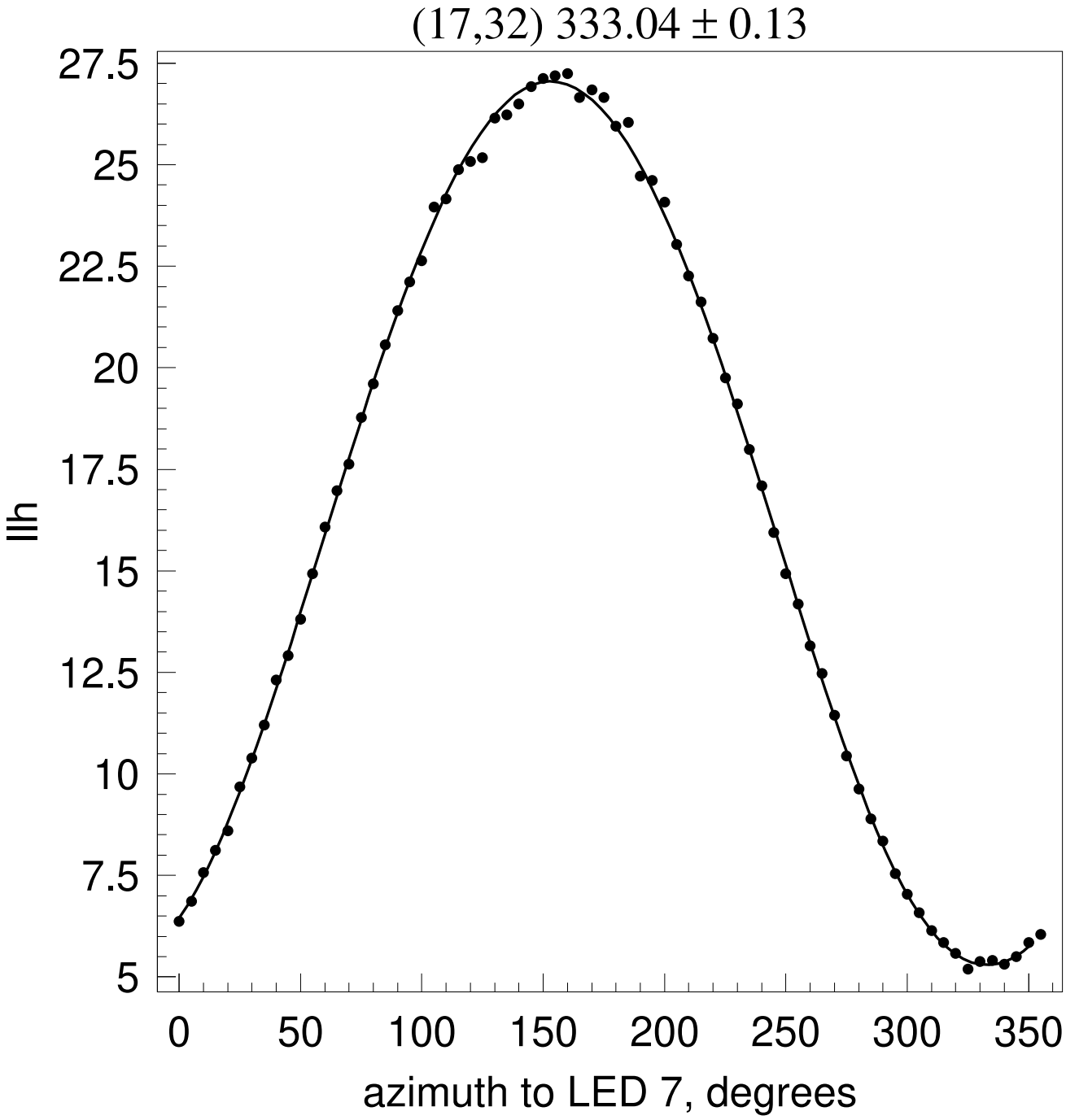

(17,27) 148.68 ± 0.05
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

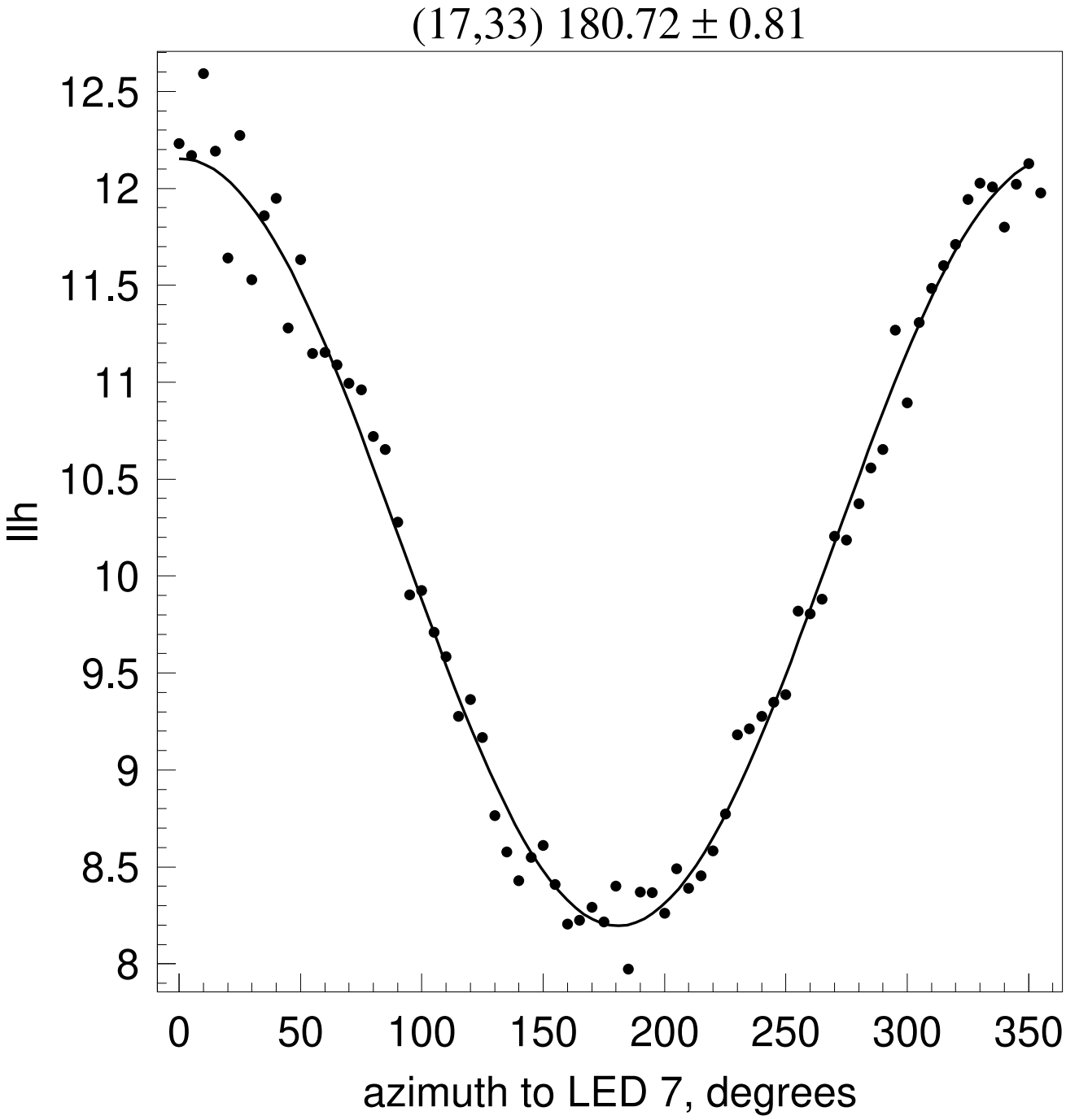

(17,28) 238.71 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

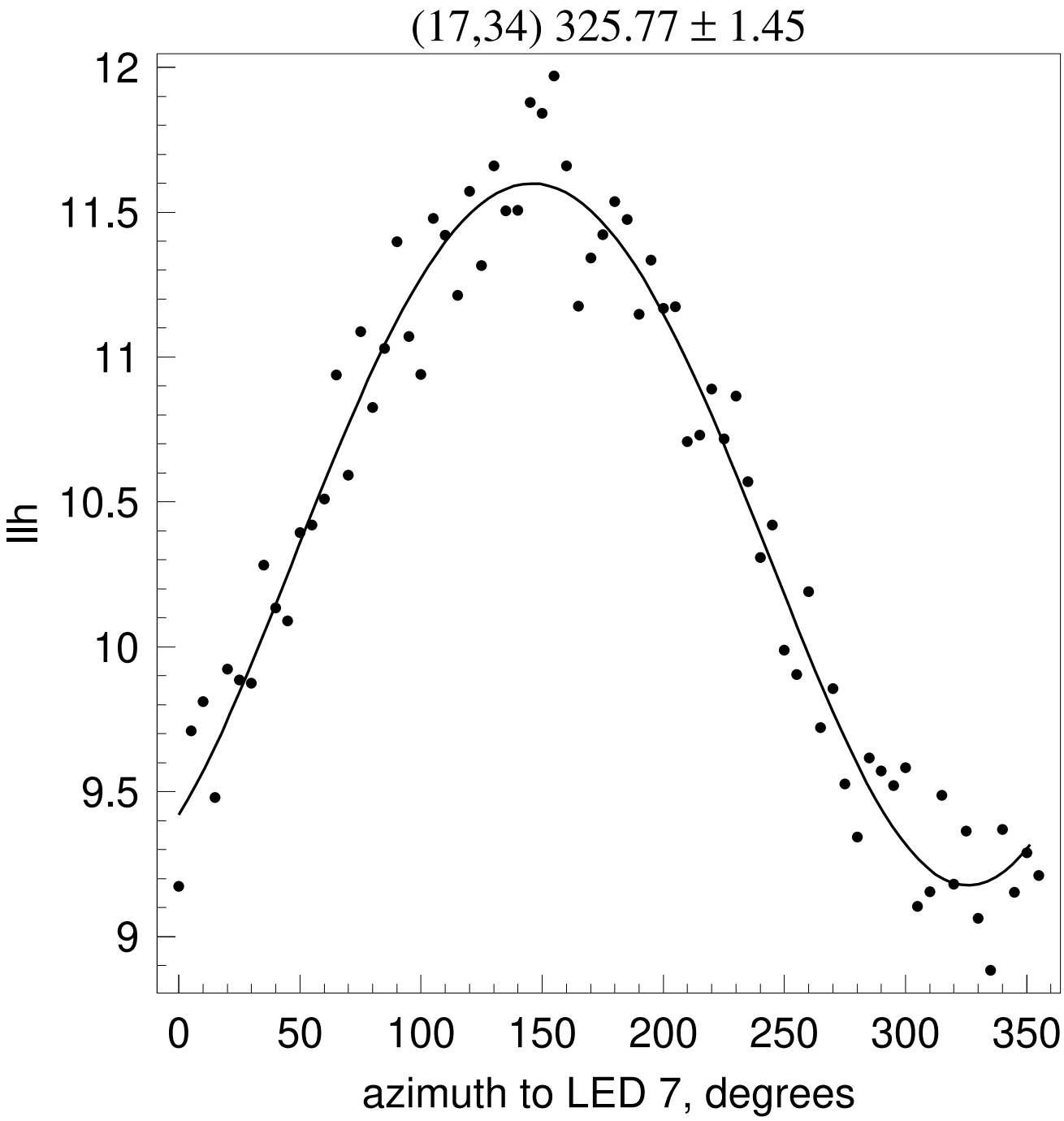

(17,29) 19.53 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

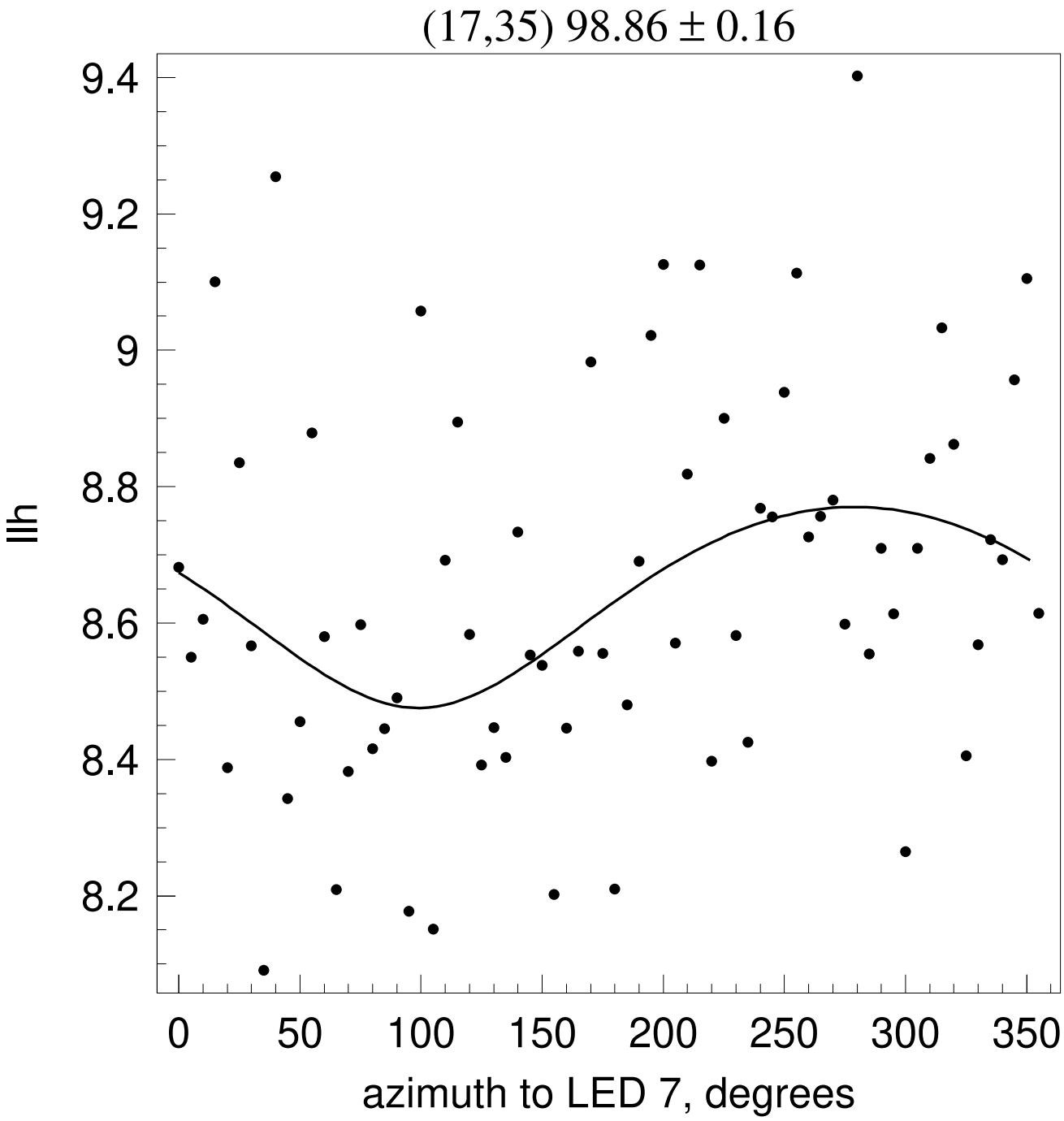

(17,30) 72.46 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

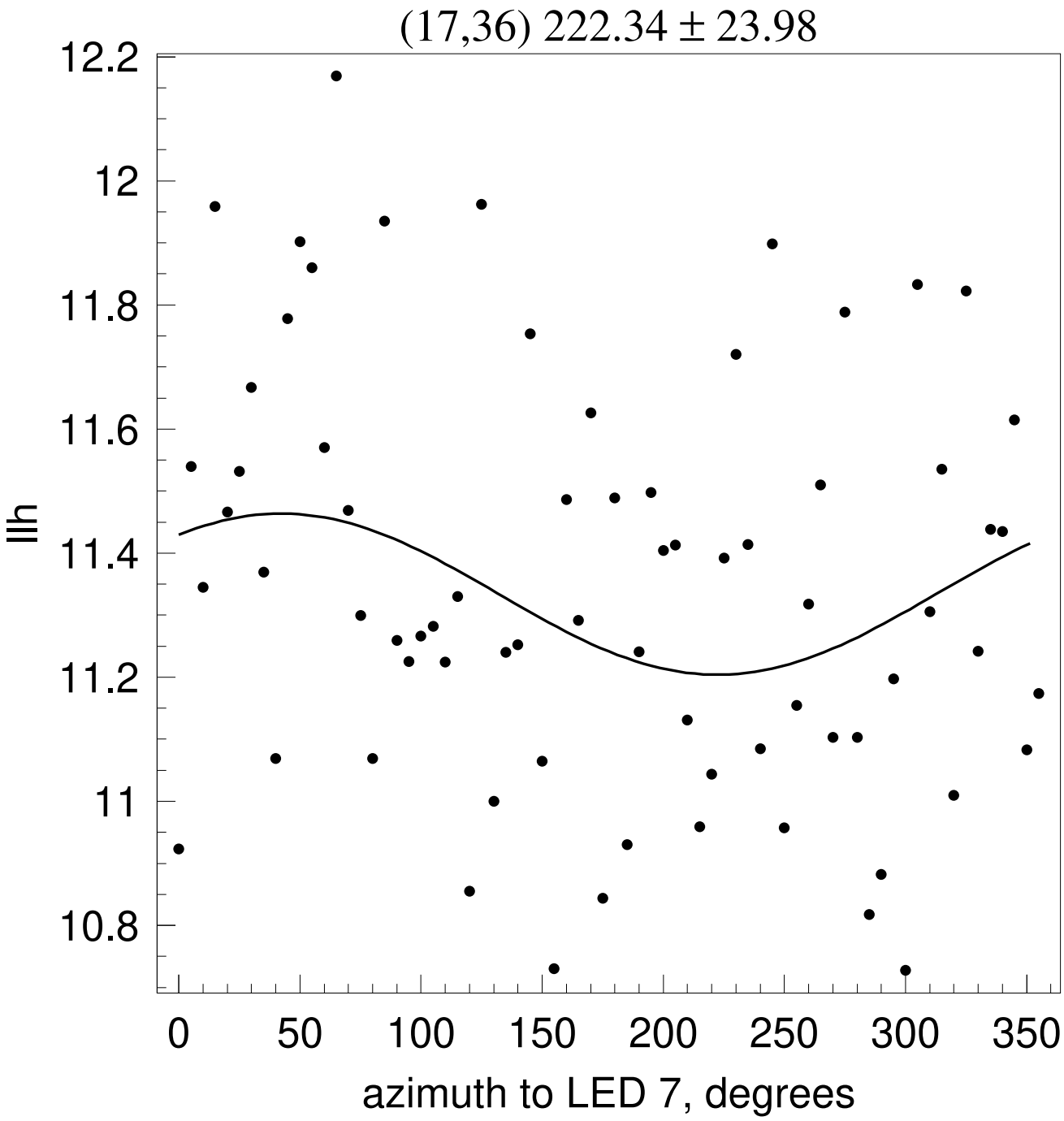

(17,31) 24.79 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

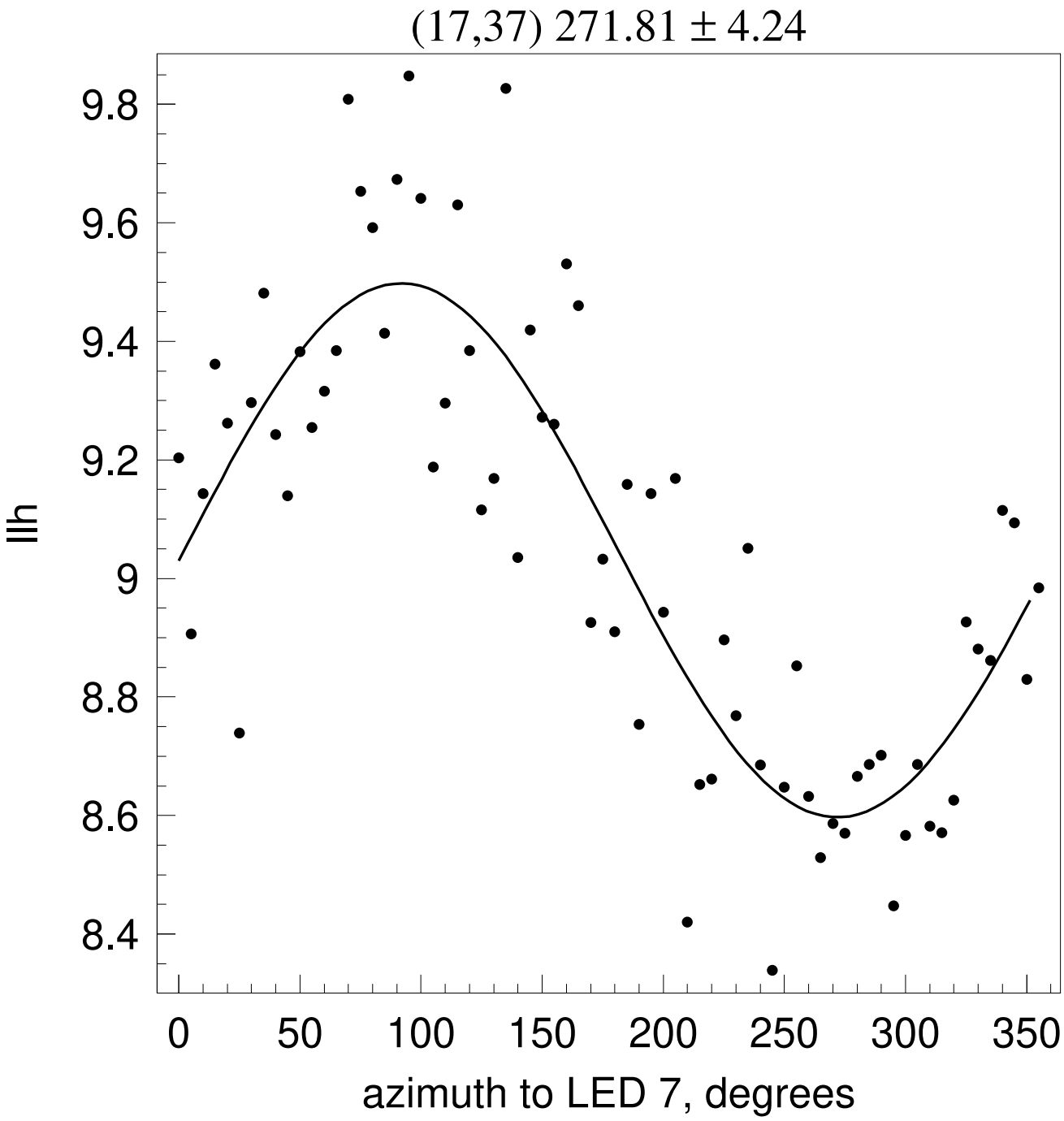

(17,32) 333.04 ± 0.13
27.5
25
22.5
20
17.5
15
12.5
10
7.5
5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

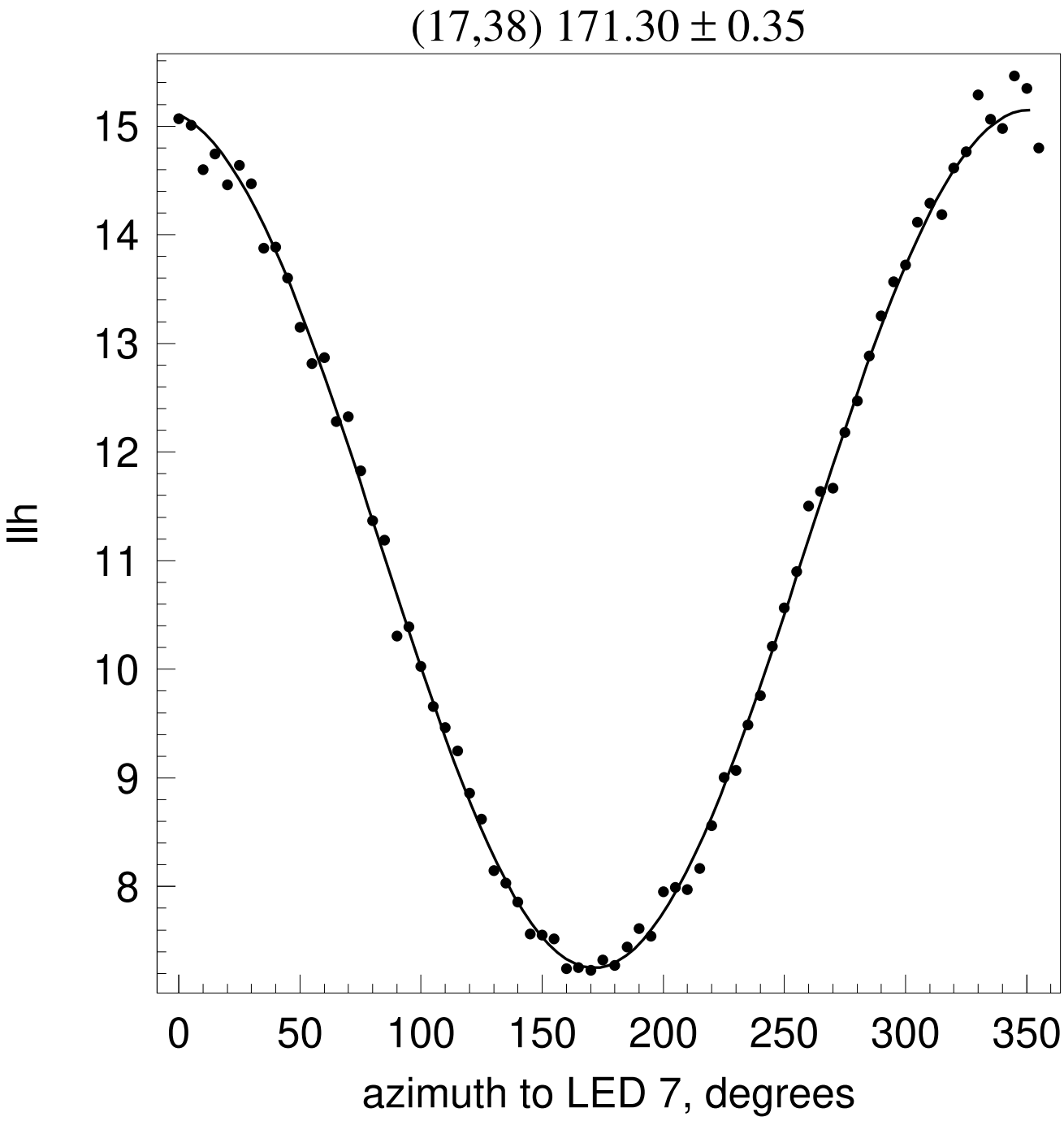

(17,33) 180.72 ± 0.81
12.5
12
11.5
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

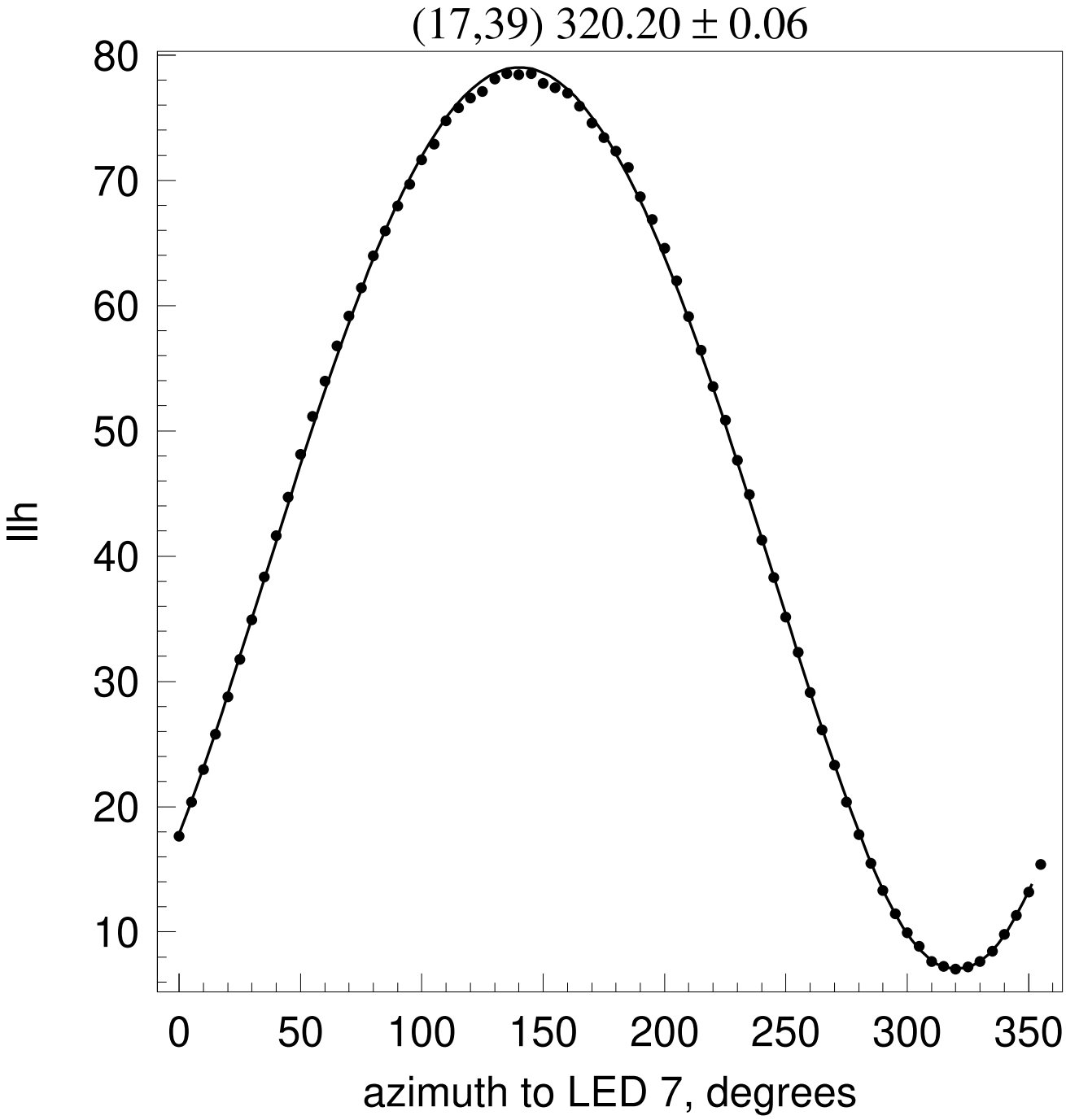

(17,34) 325.77 ± 1.45
12
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

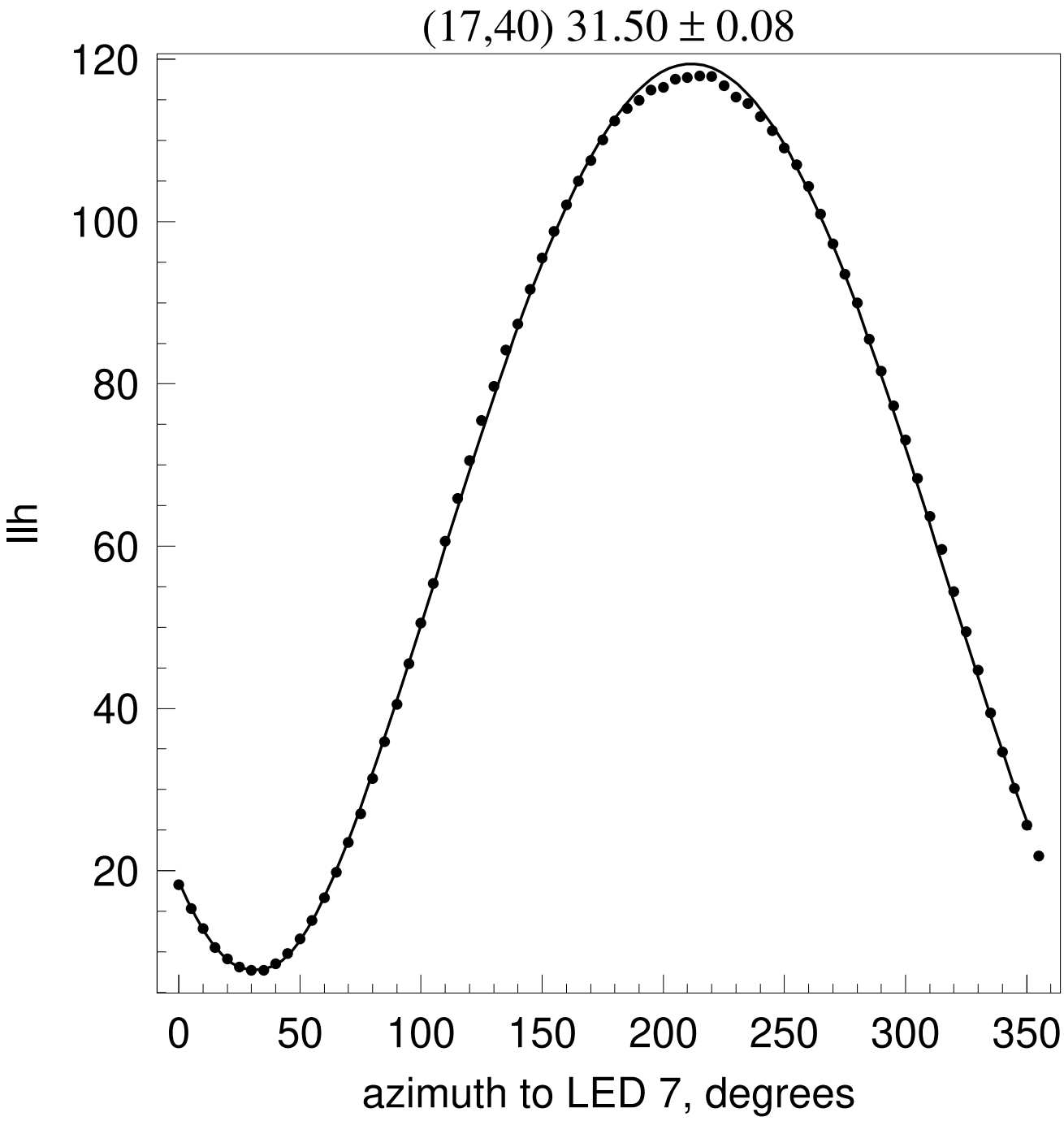

(17,35) 98.86 ± 0.16
9.4
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

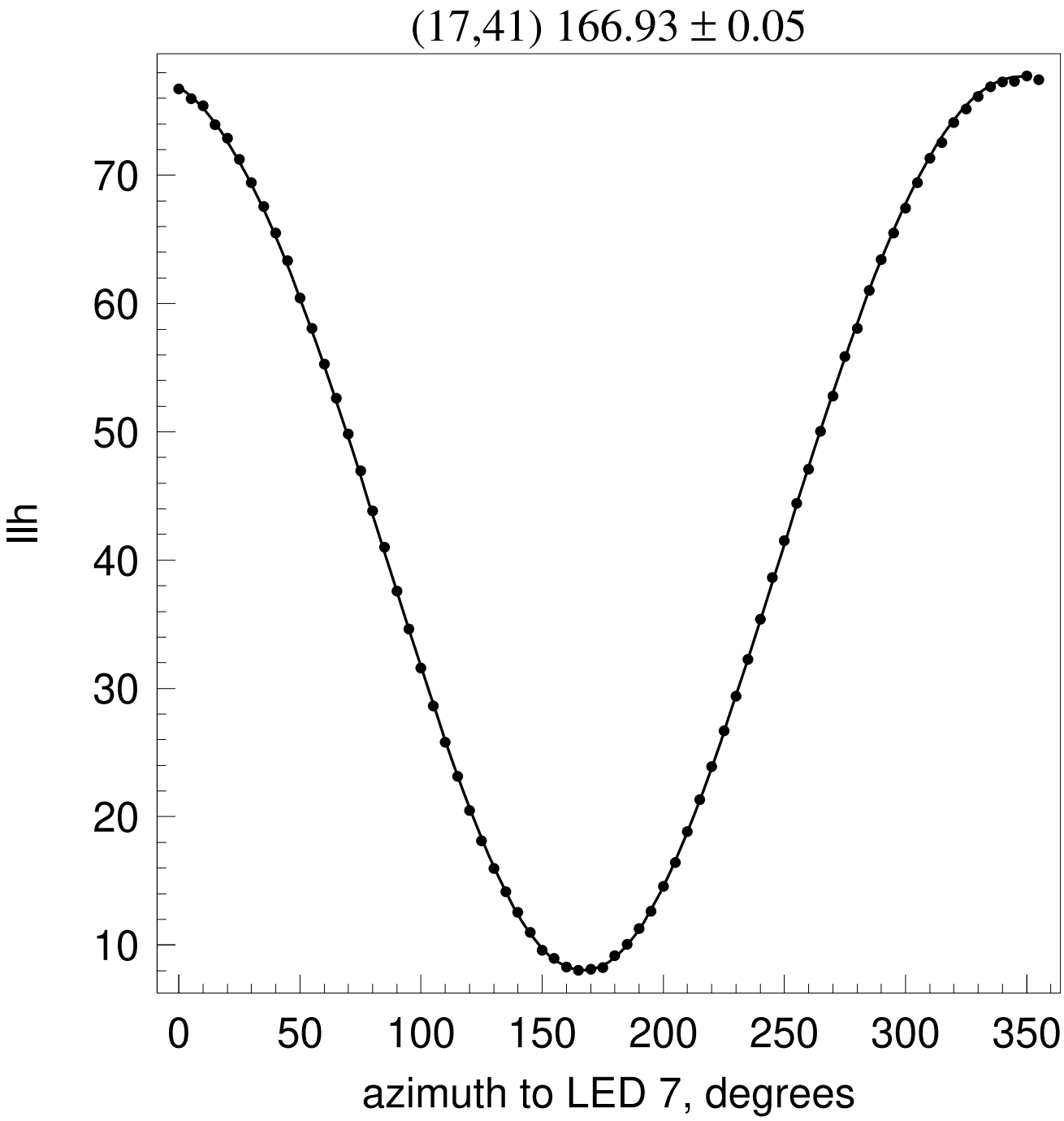

(17,36) 222.34 ± 23.98
12.2
12
11.8
11.6
11.4
11.2
11
10.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

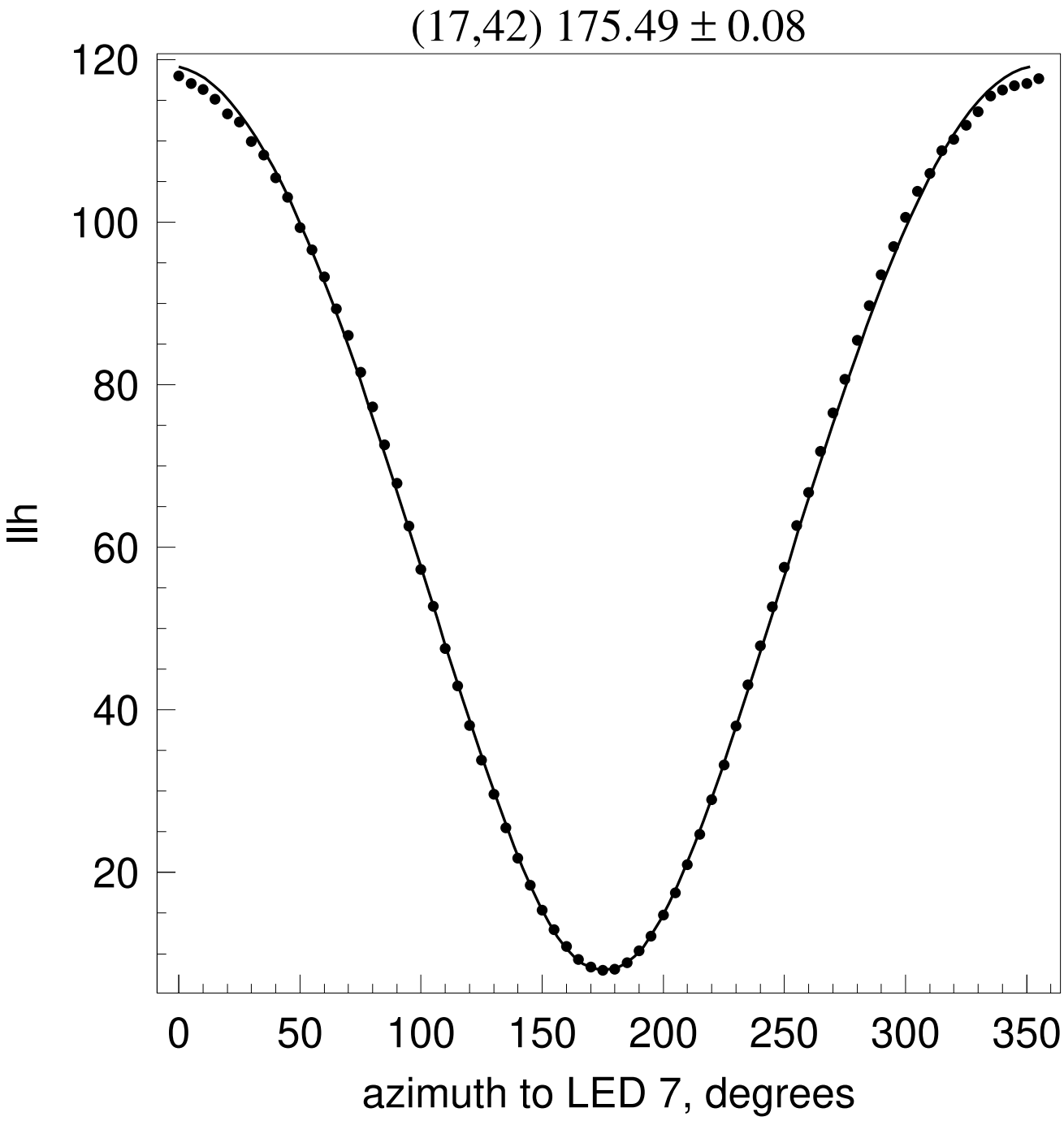

(17,37) 271.81 ± 4.24
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

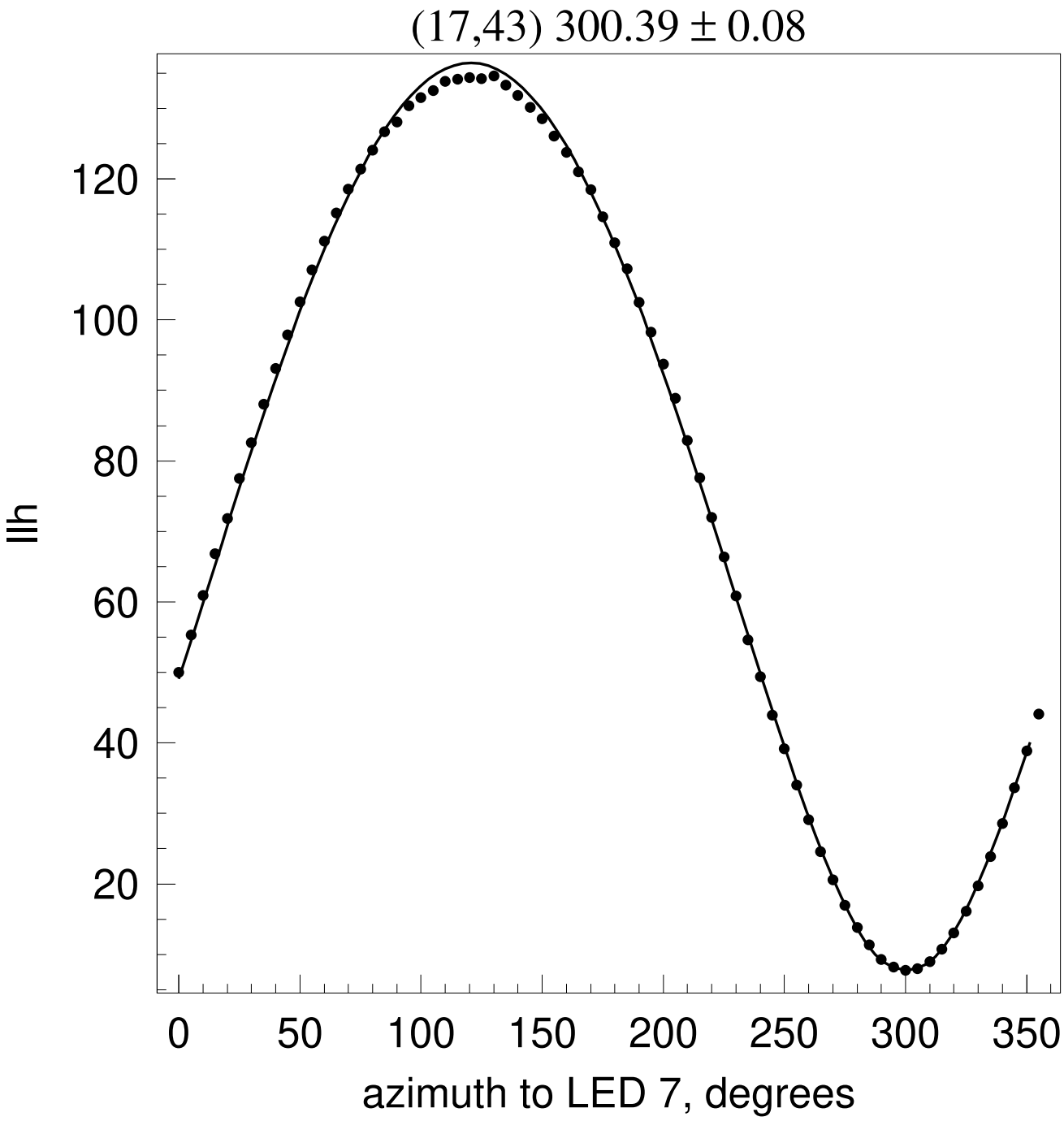

(17,38) 171.30 ± 0.35
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

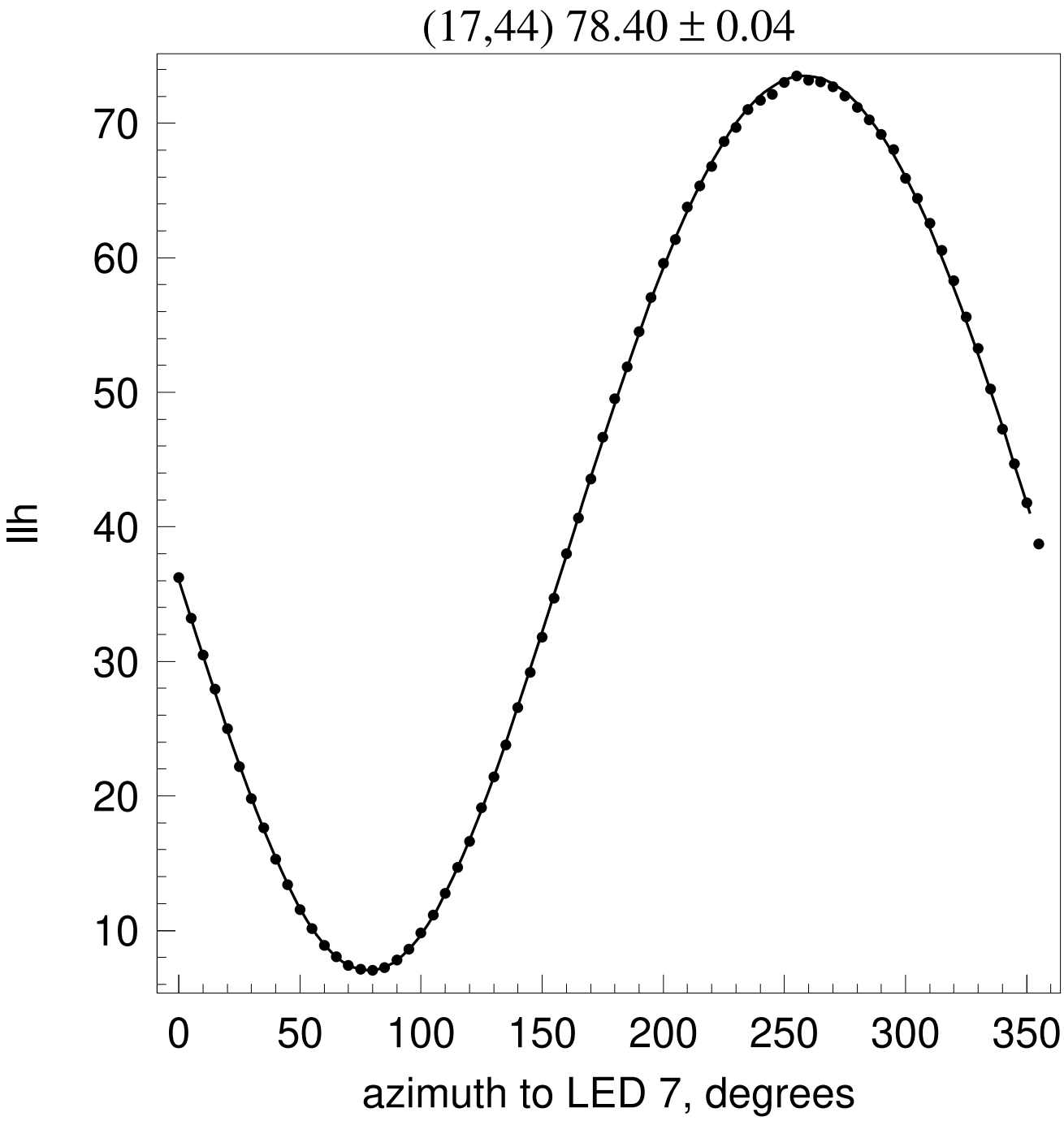

(17,39) 320.20 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

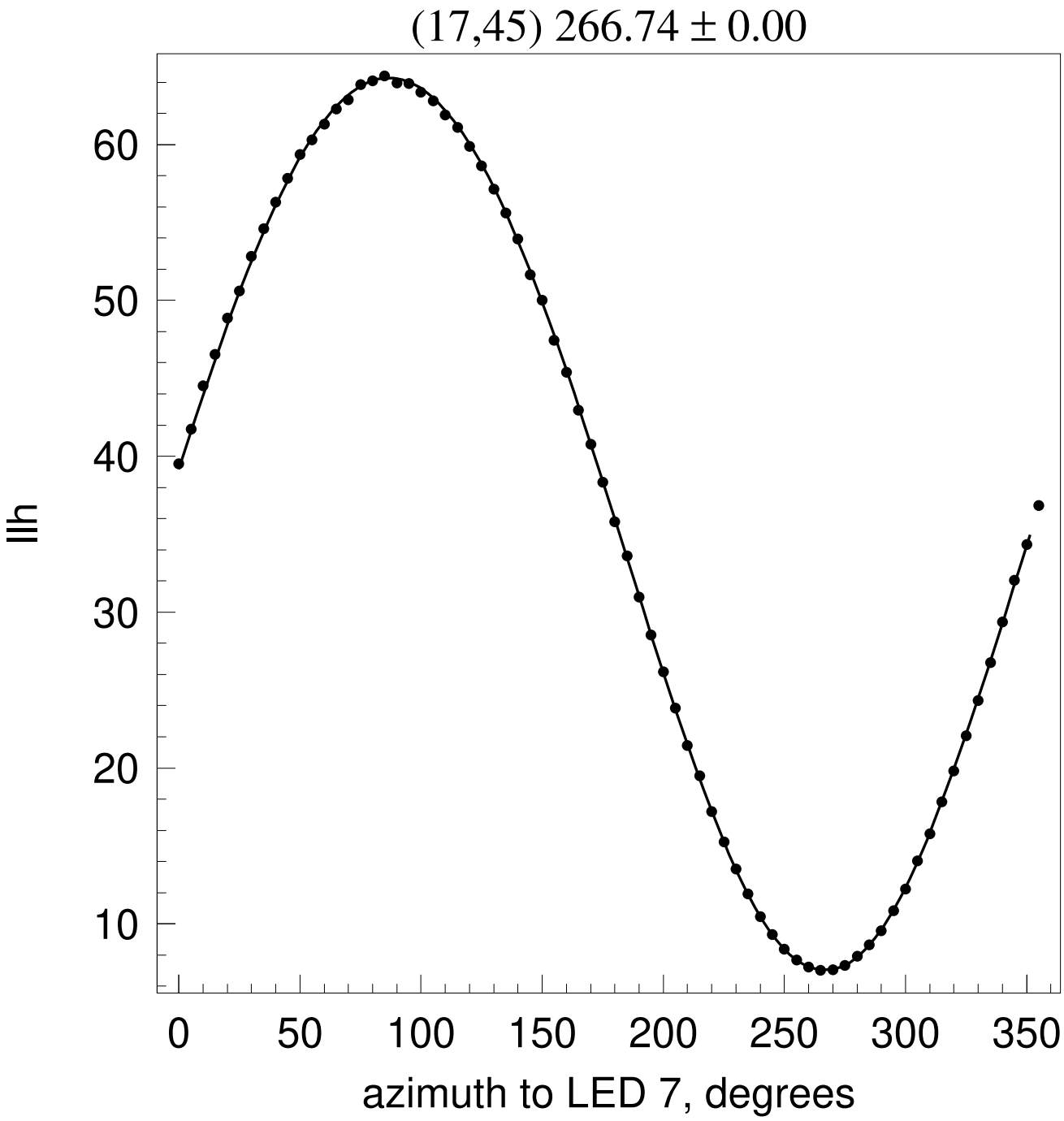

(17,40) 31.50 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

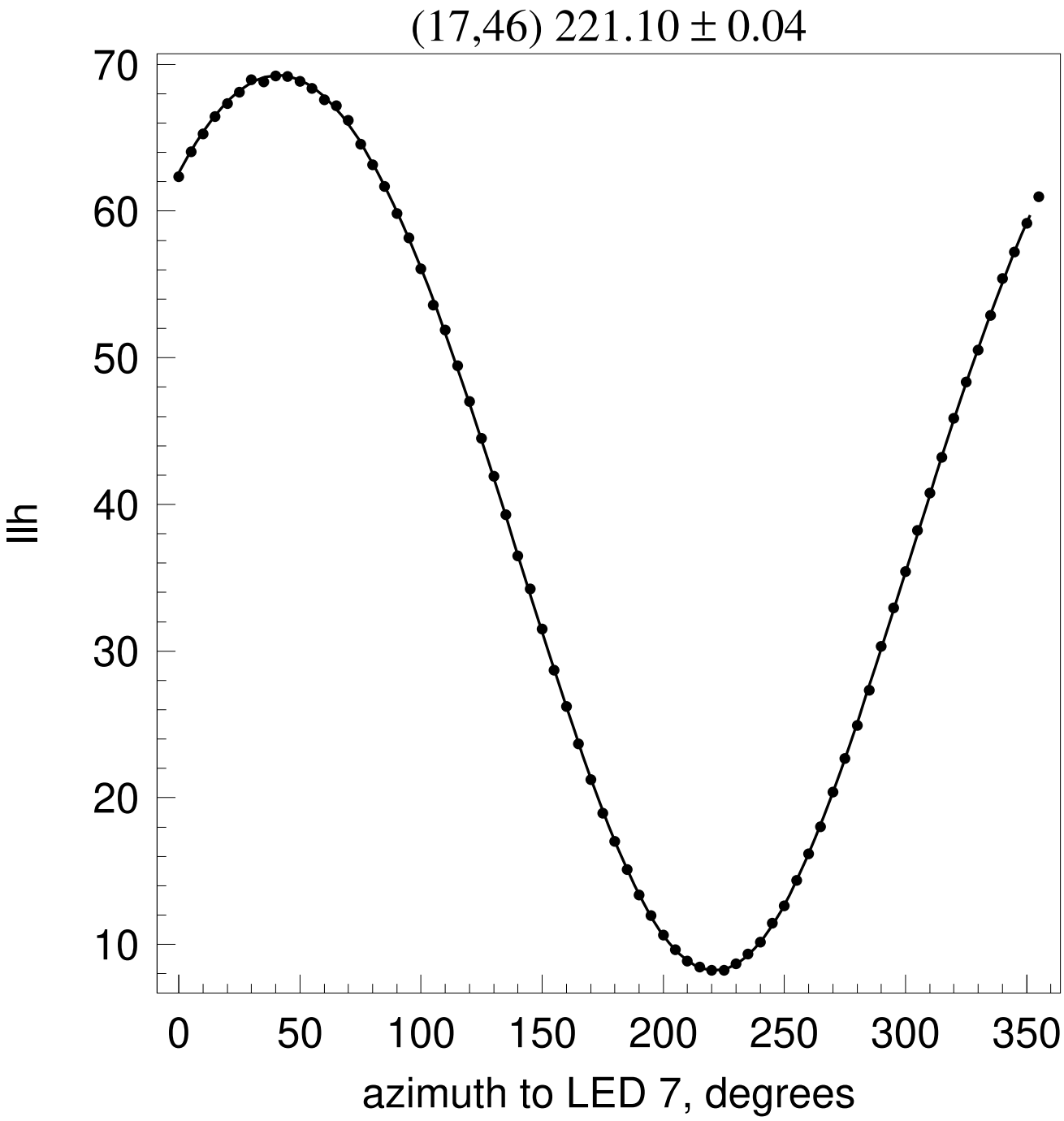

(17,41) 166.93 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

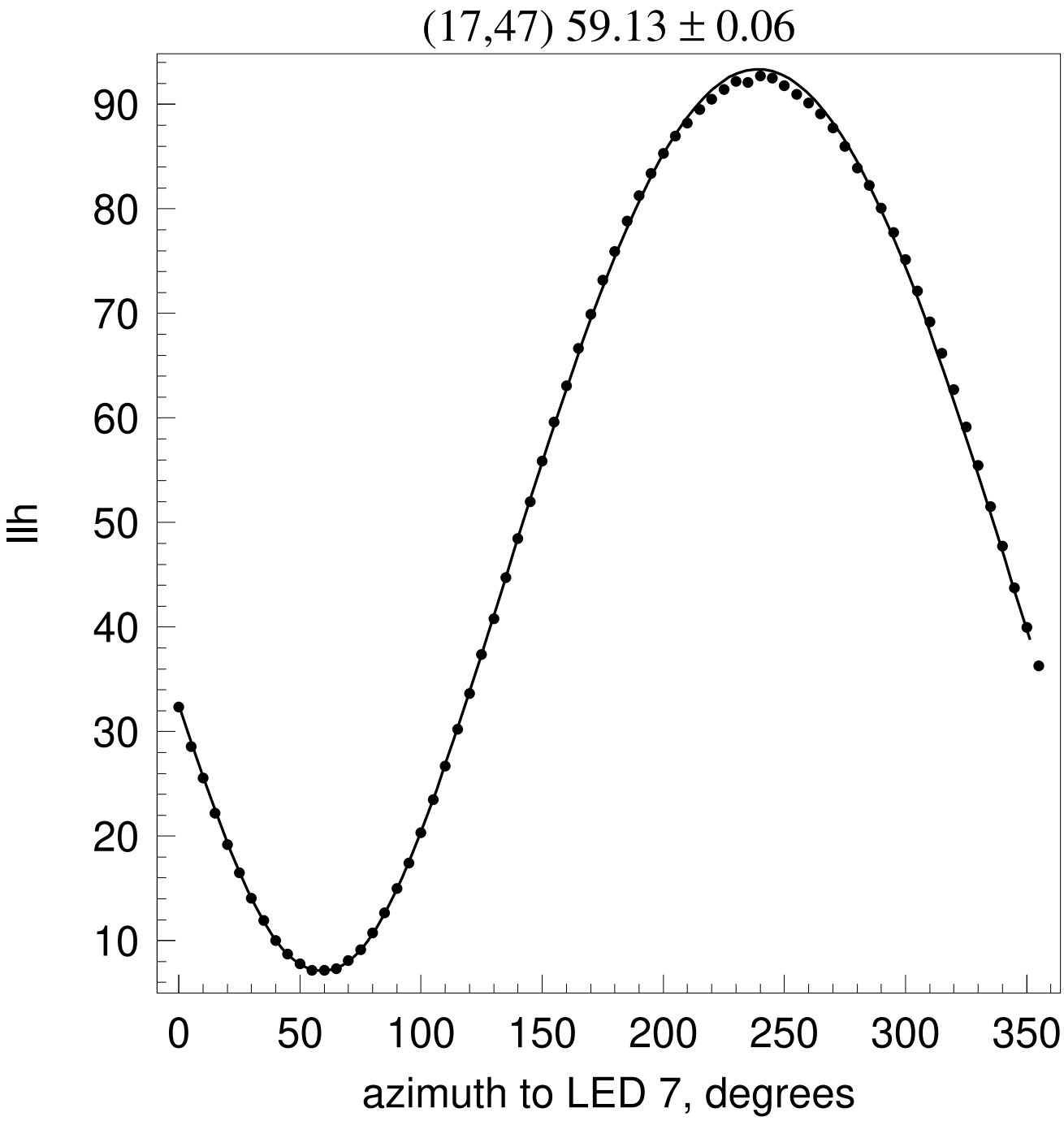

(17,42) 175.49 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

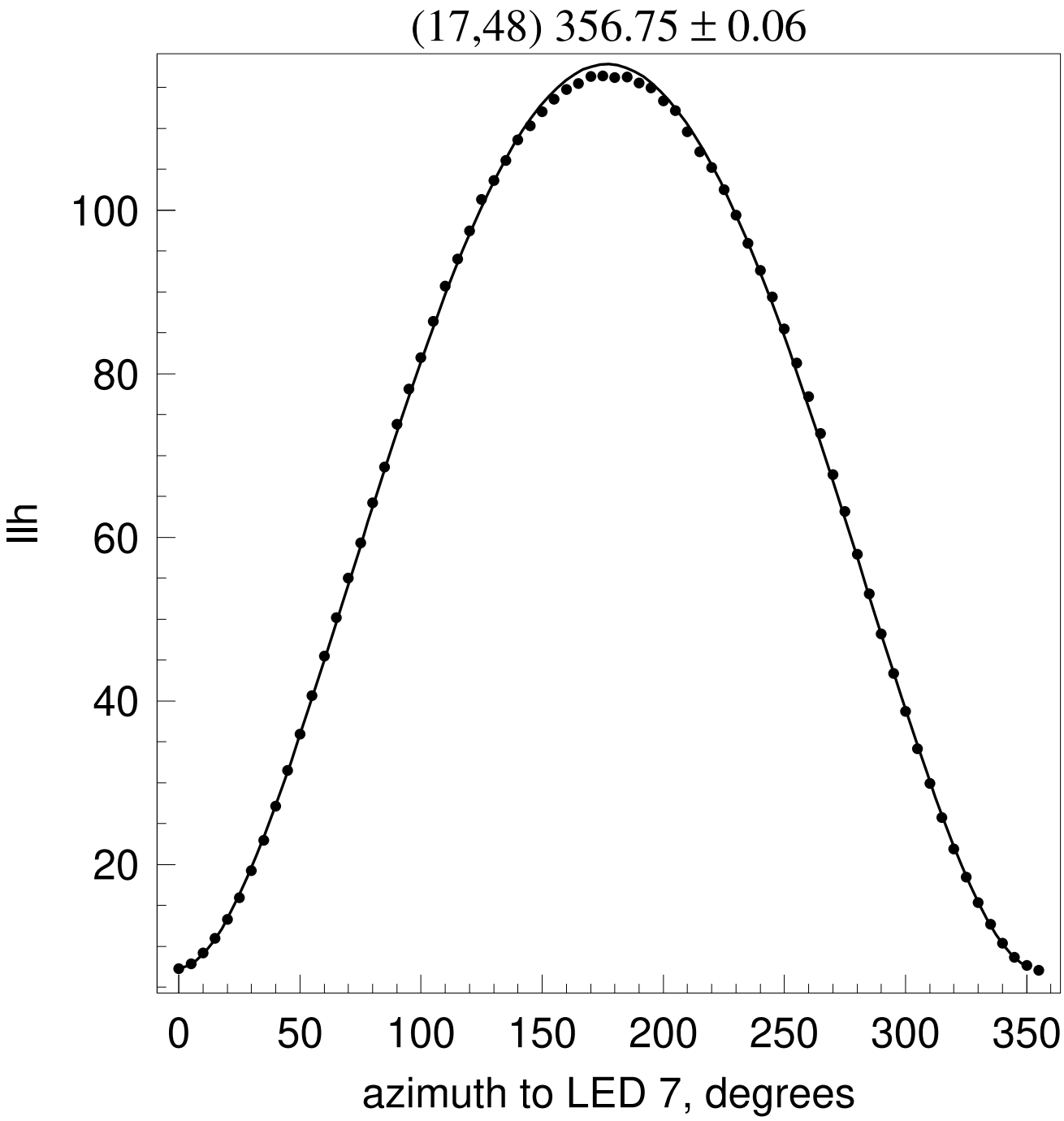

(17,43) 300.39 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

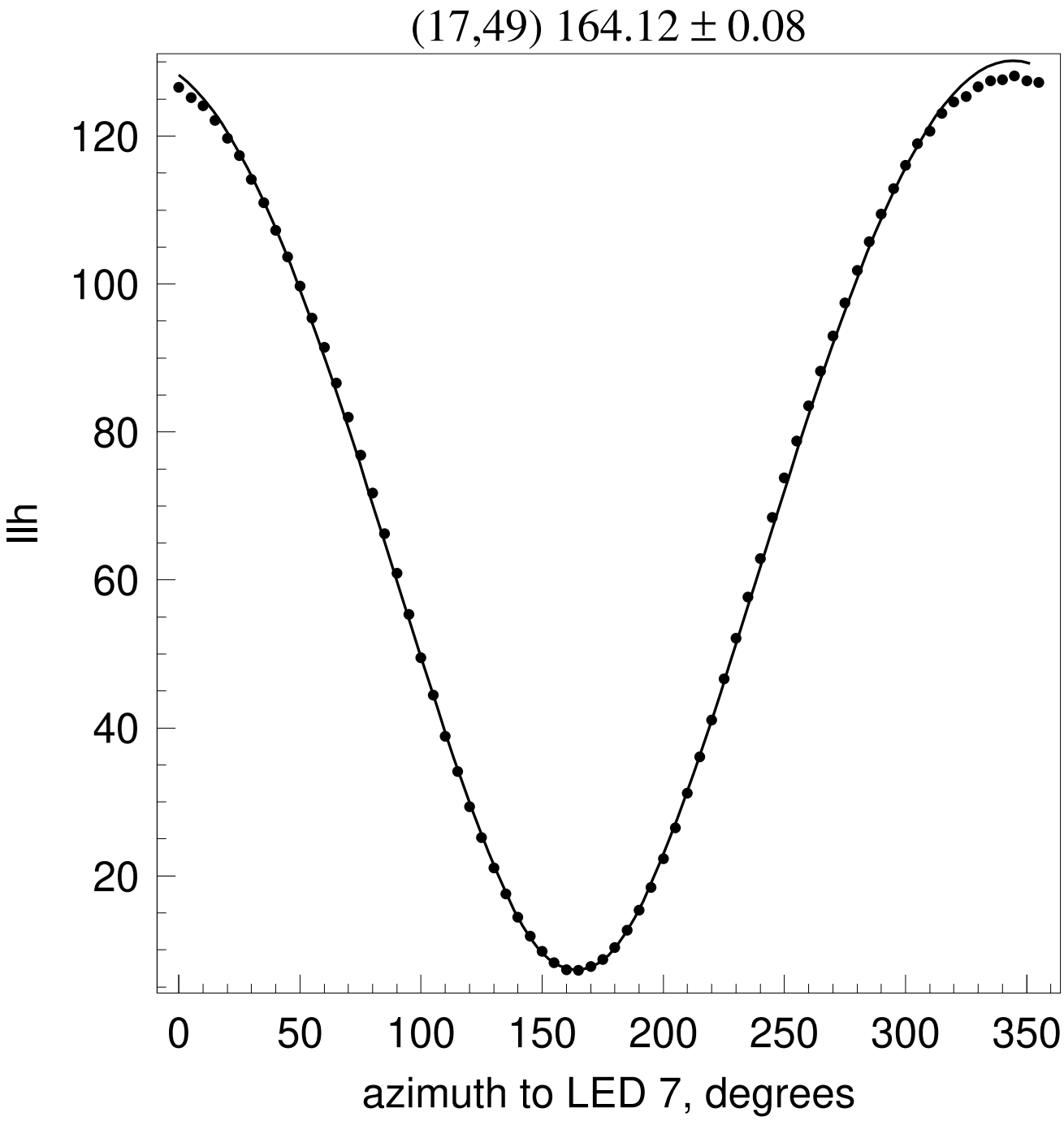

(17,44) 78.40 ± 0.04
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

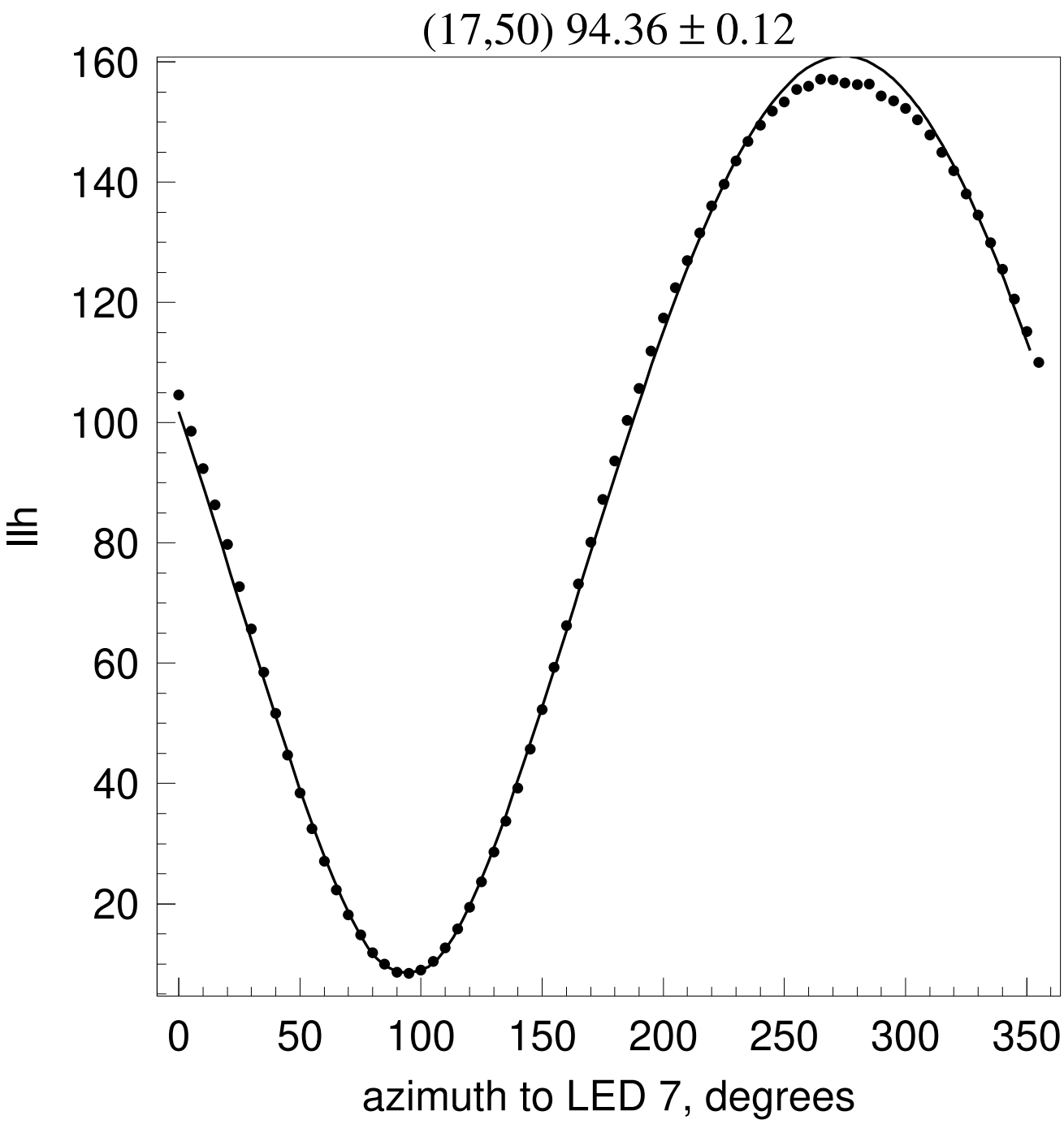

(17,45) 266.74 ± 0.00
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

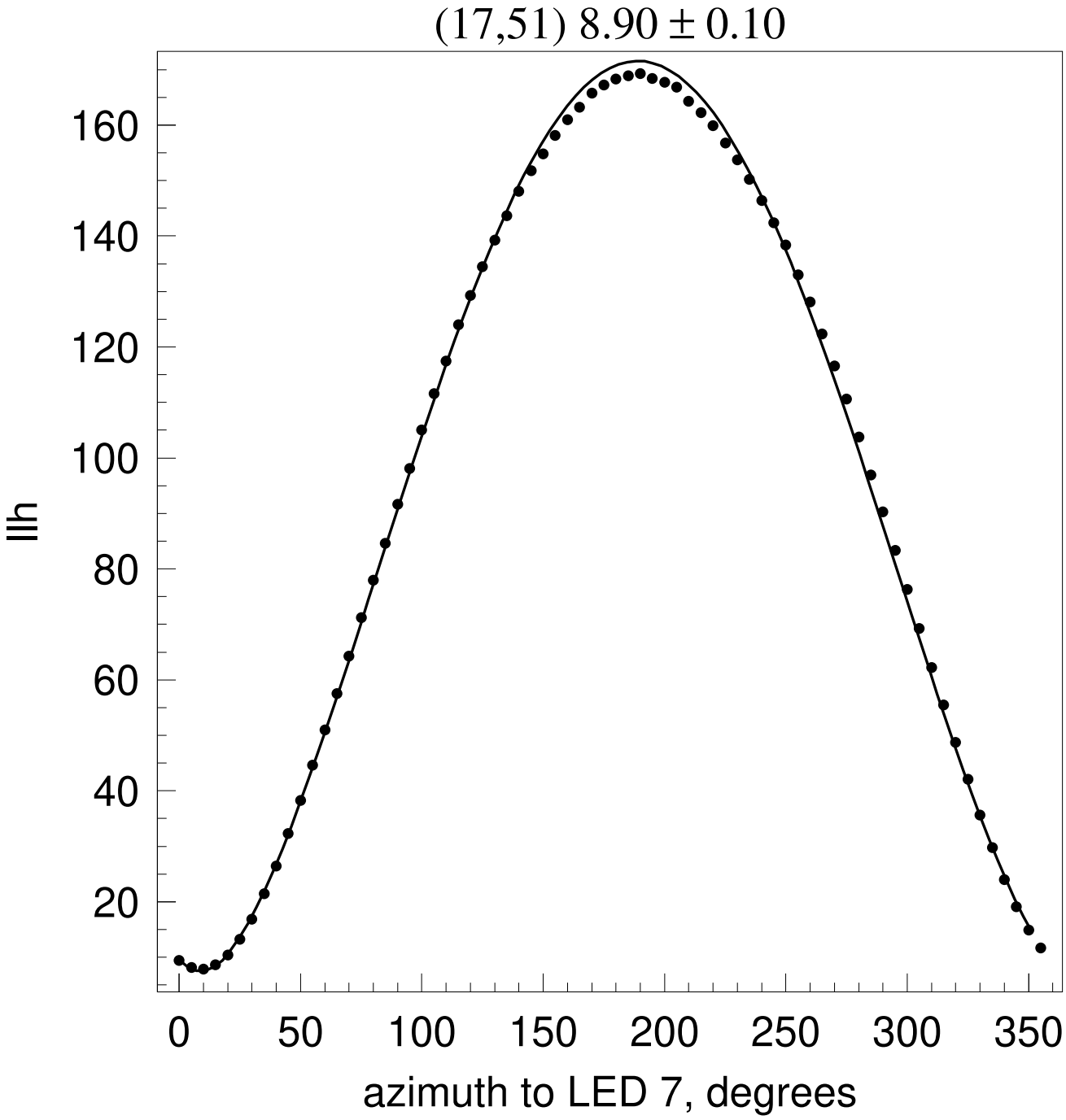

(17,46) 221.10 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

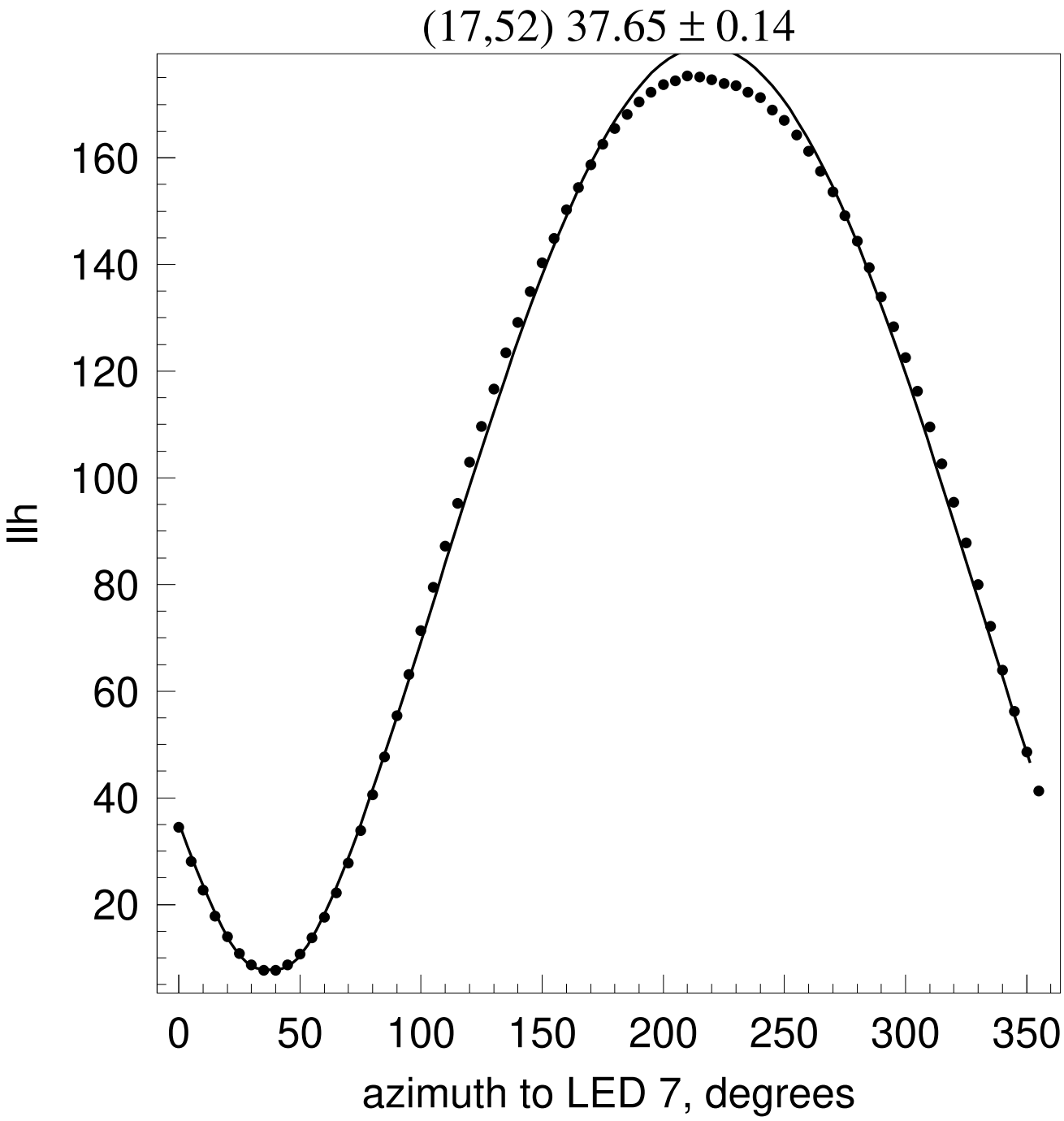

(17,47) 59.13 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

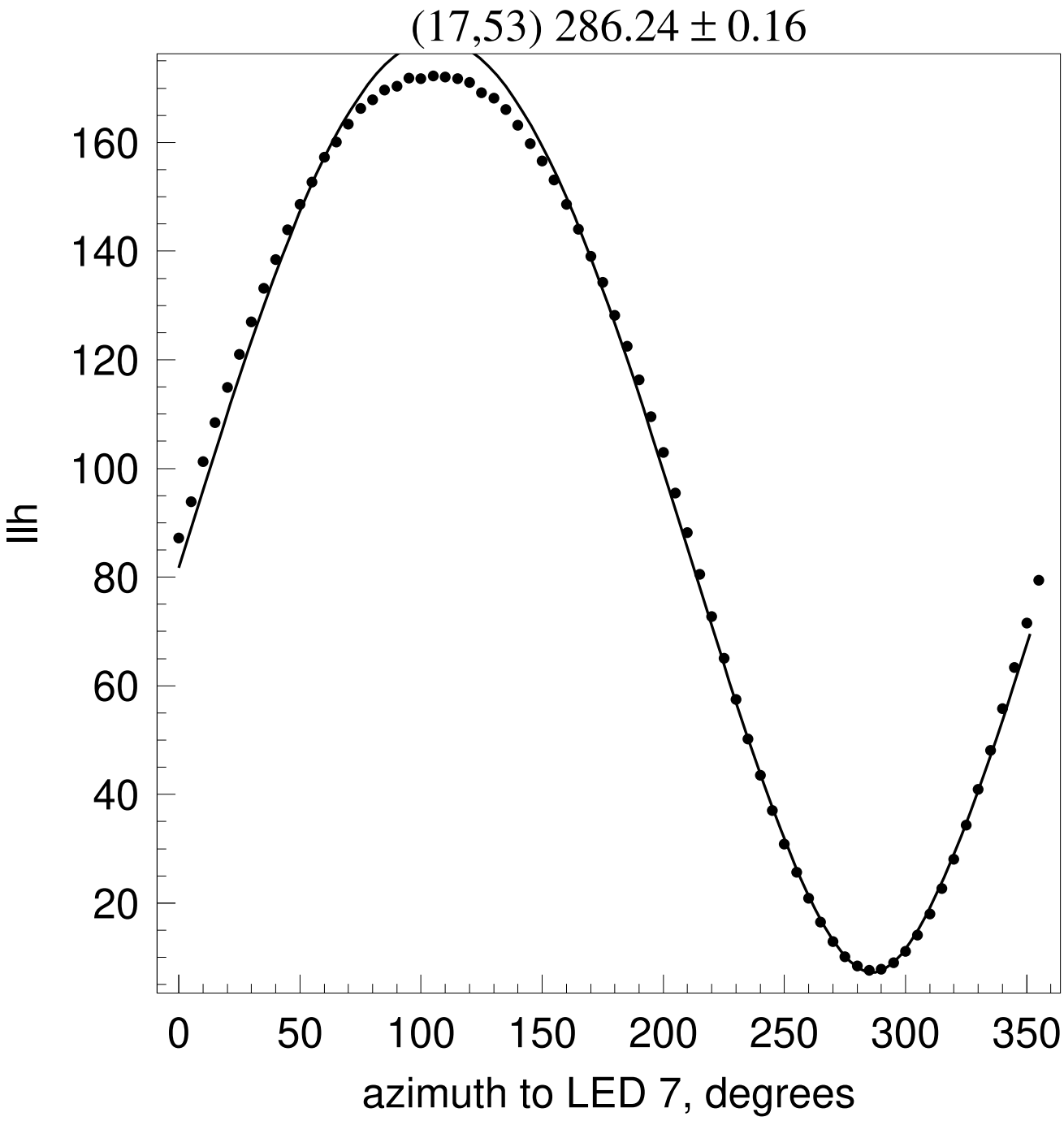

(17,48) 356.75 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

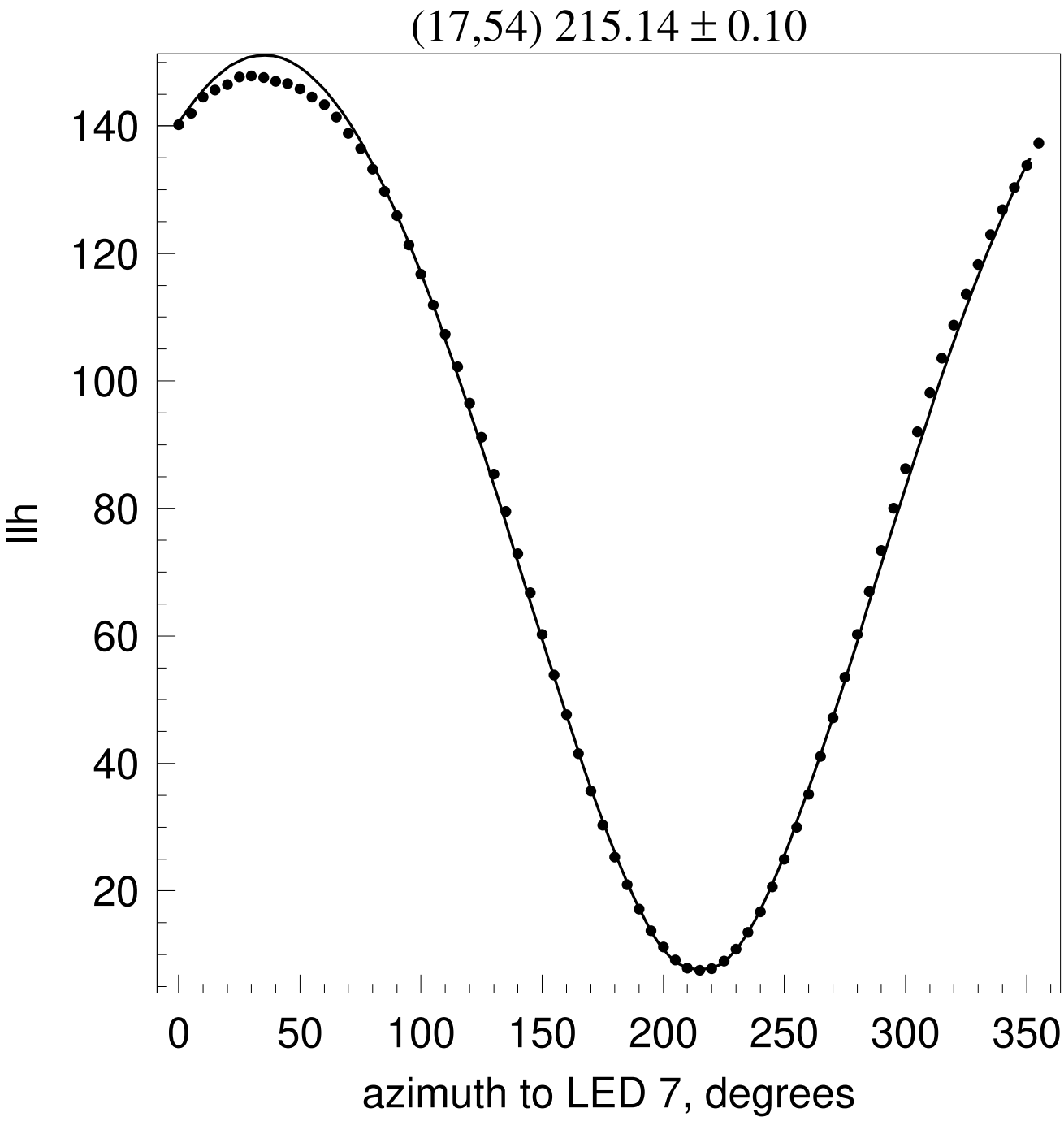

(17,49) 164.12 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

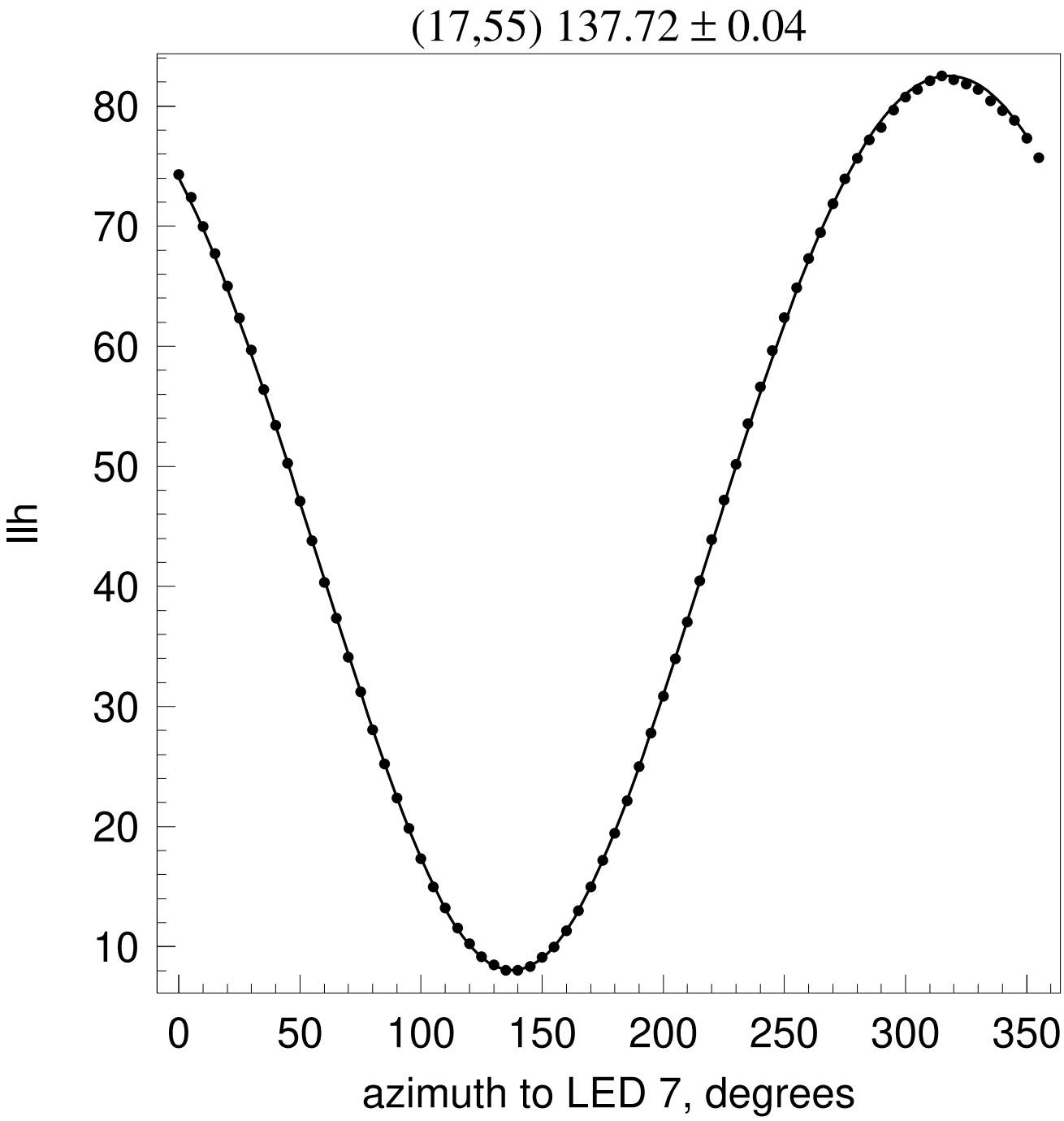

(17,50) 94.36 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

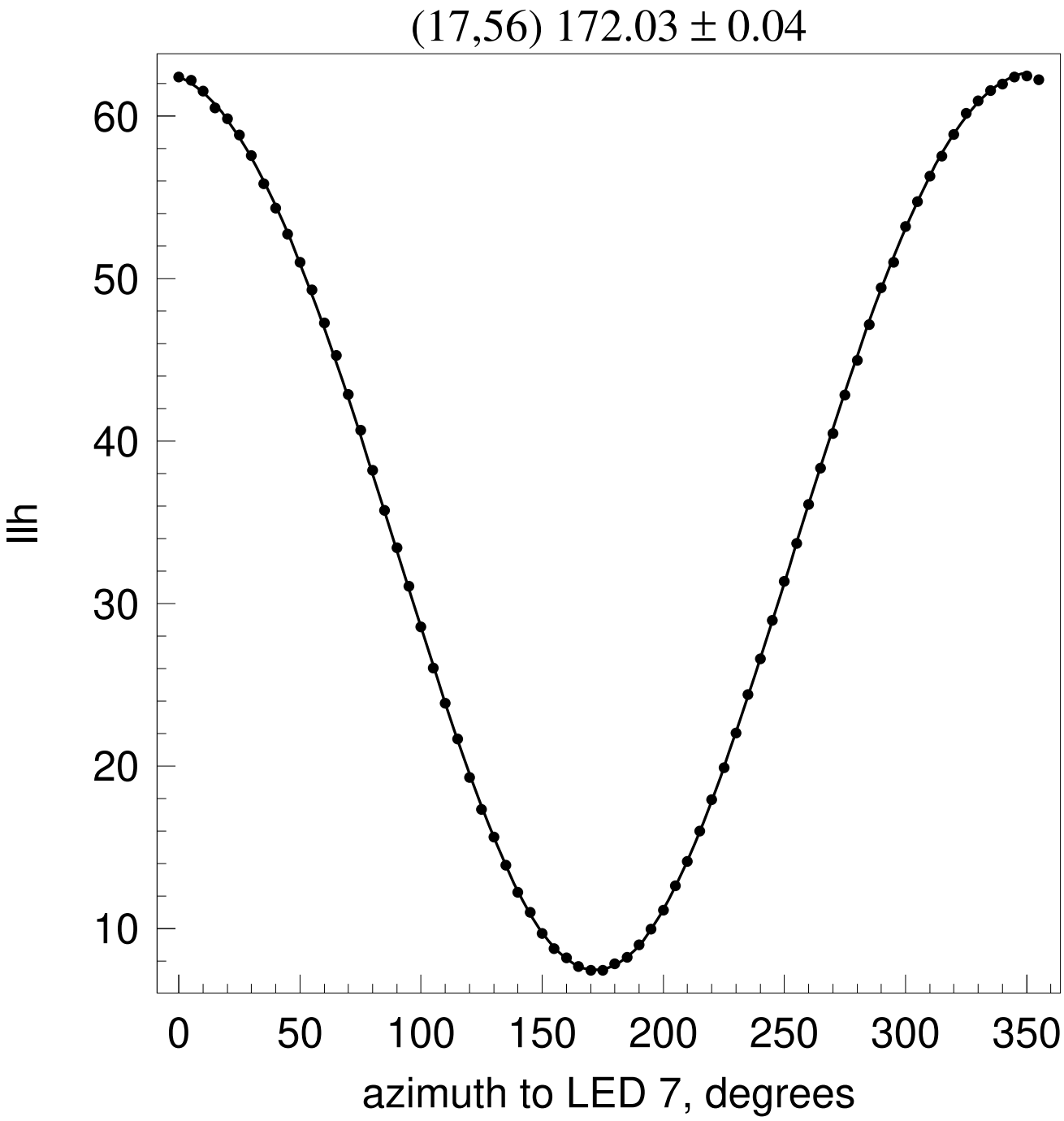

(17,51) 8.90 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

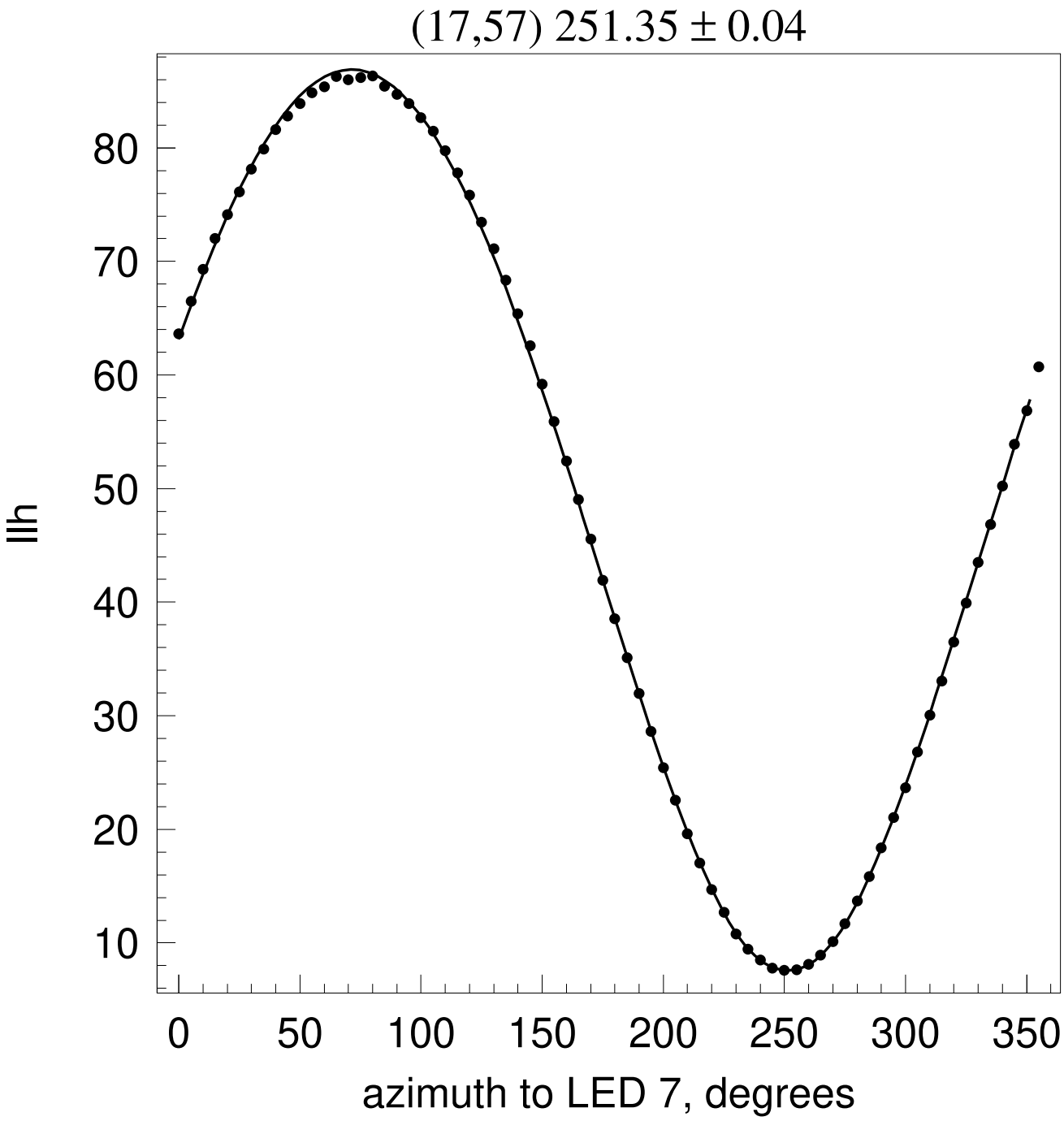

(17,52) 37.65 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

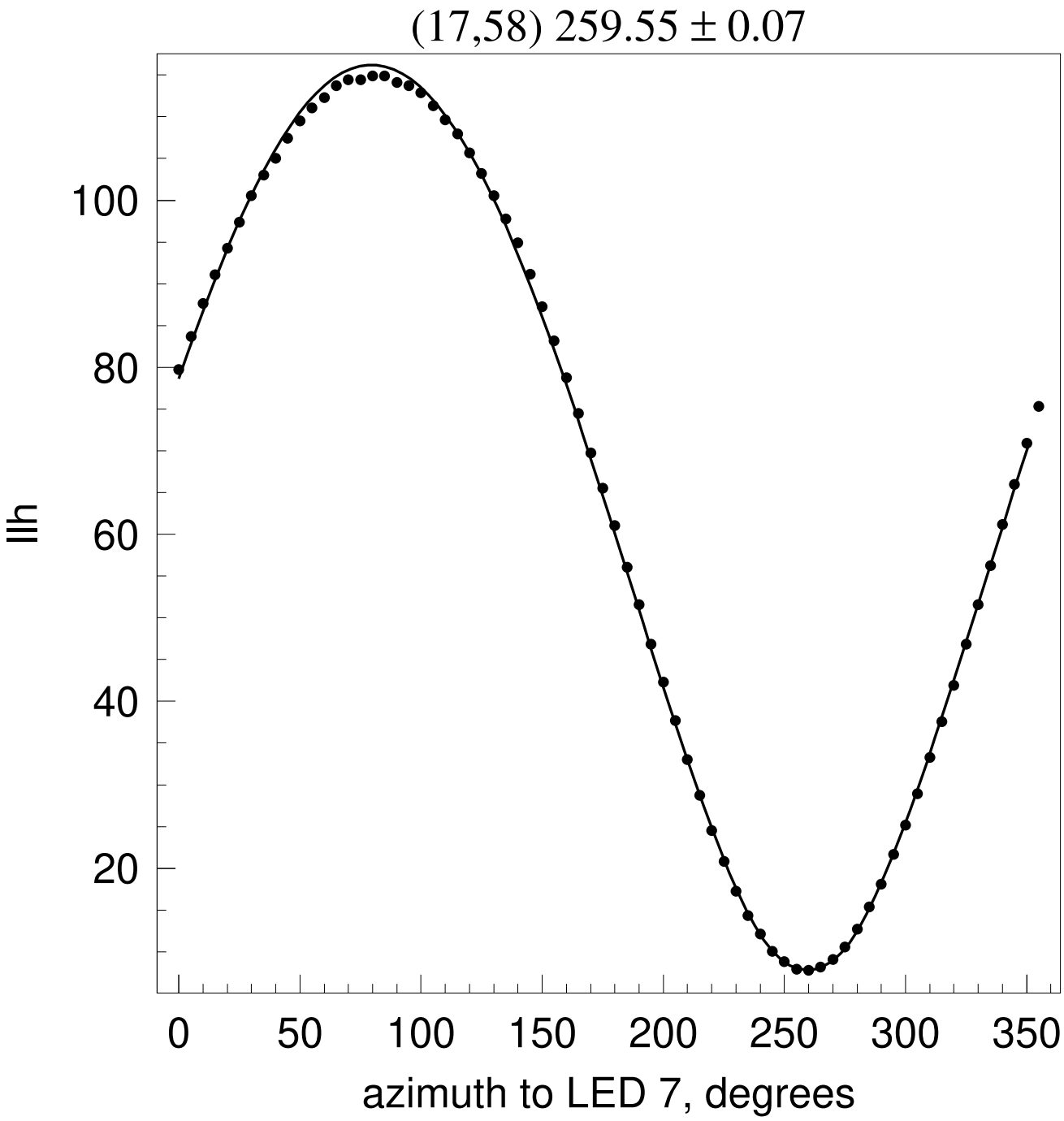

(17,53) 286.24 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

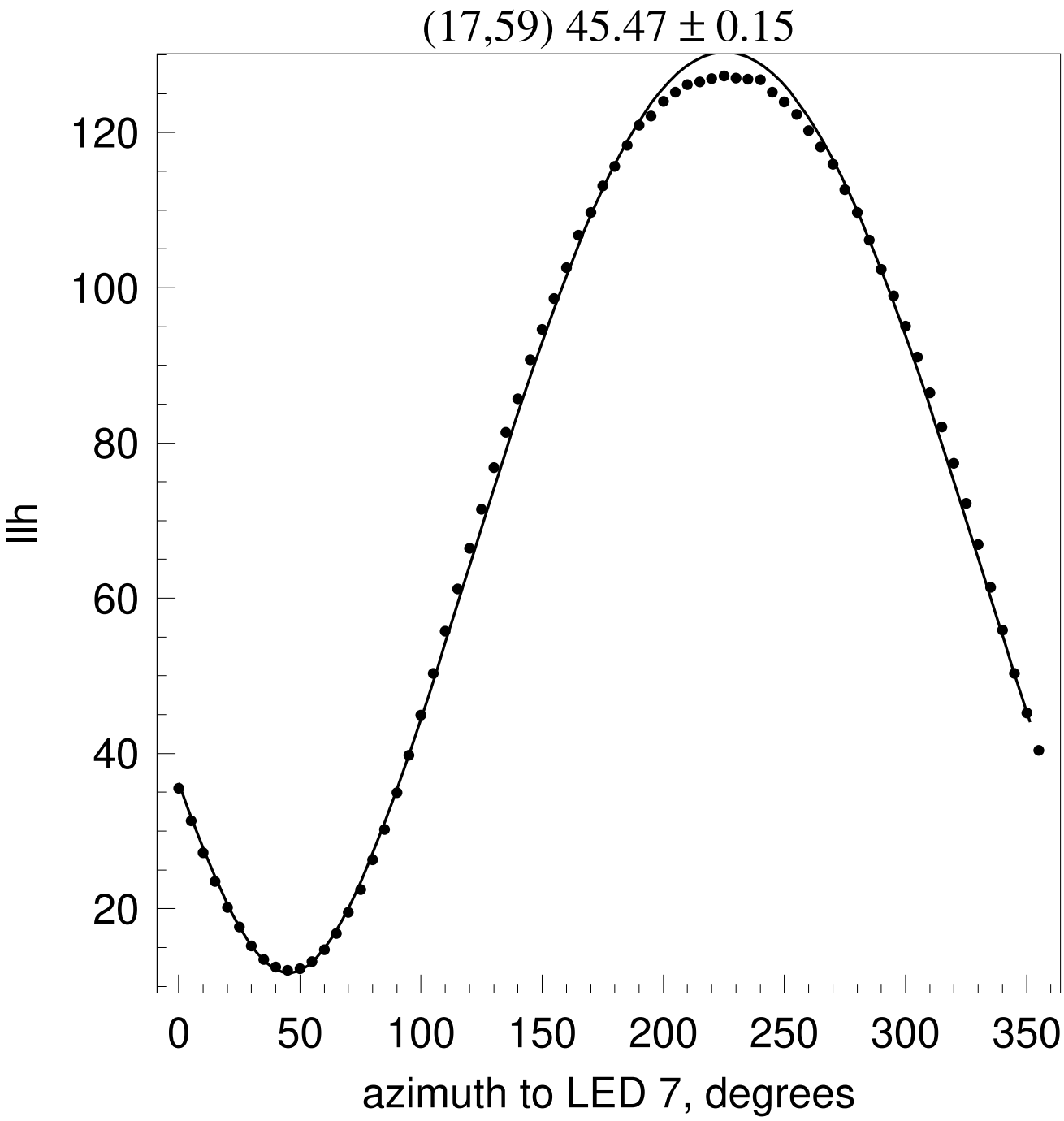

(17,54) 215.14 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

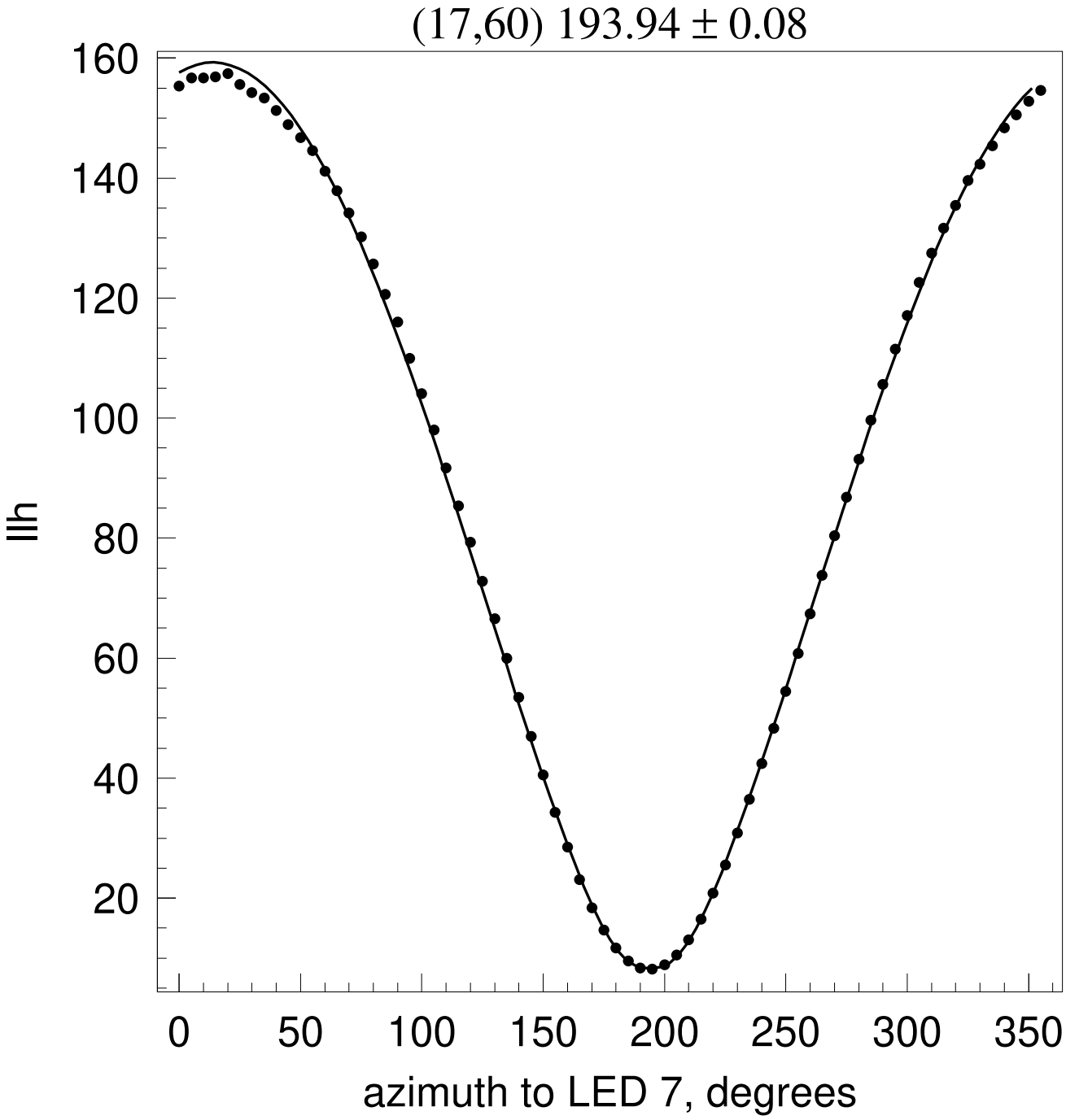

(17,55) 137.72 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

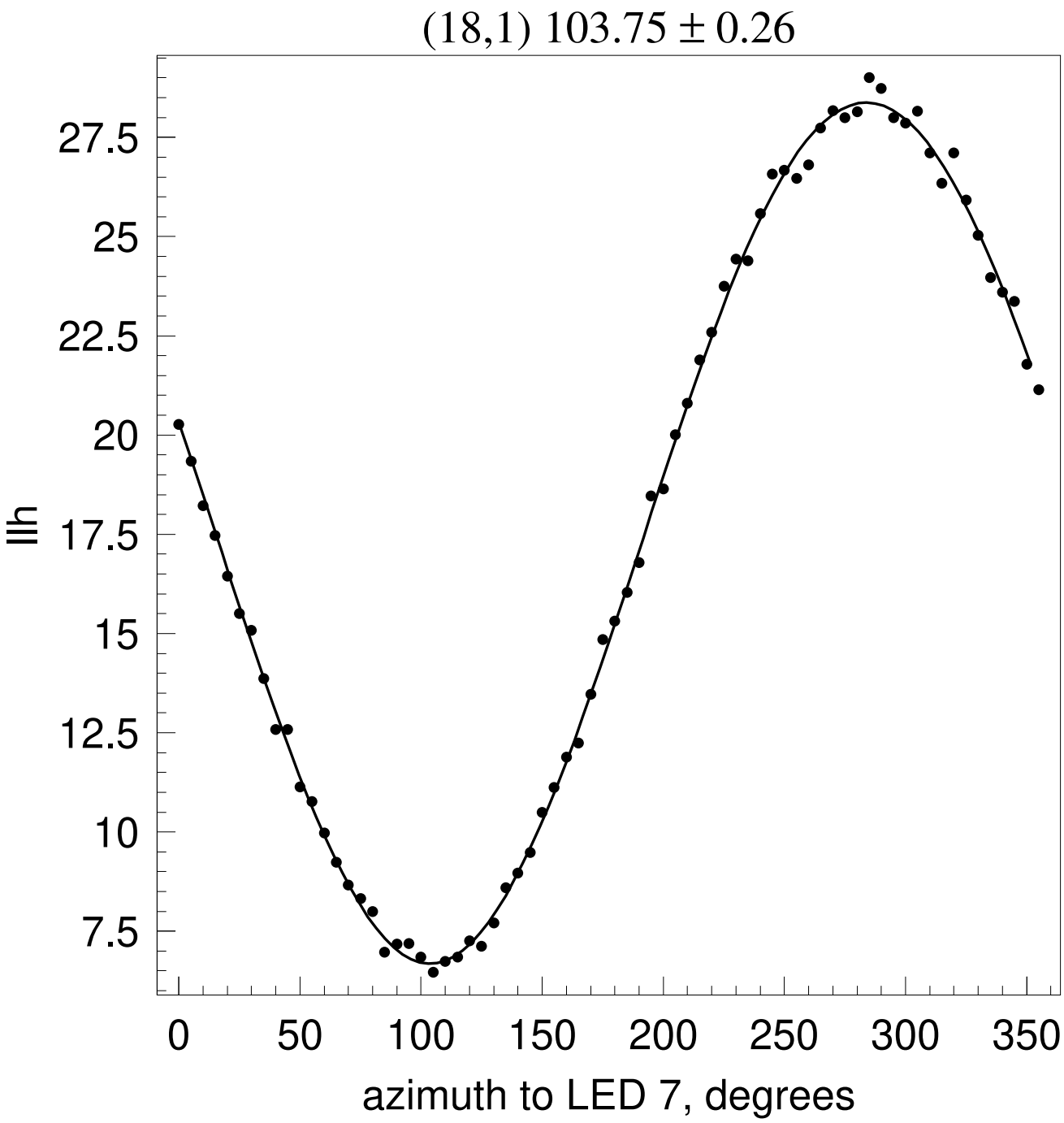

(17,56) 172.03 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

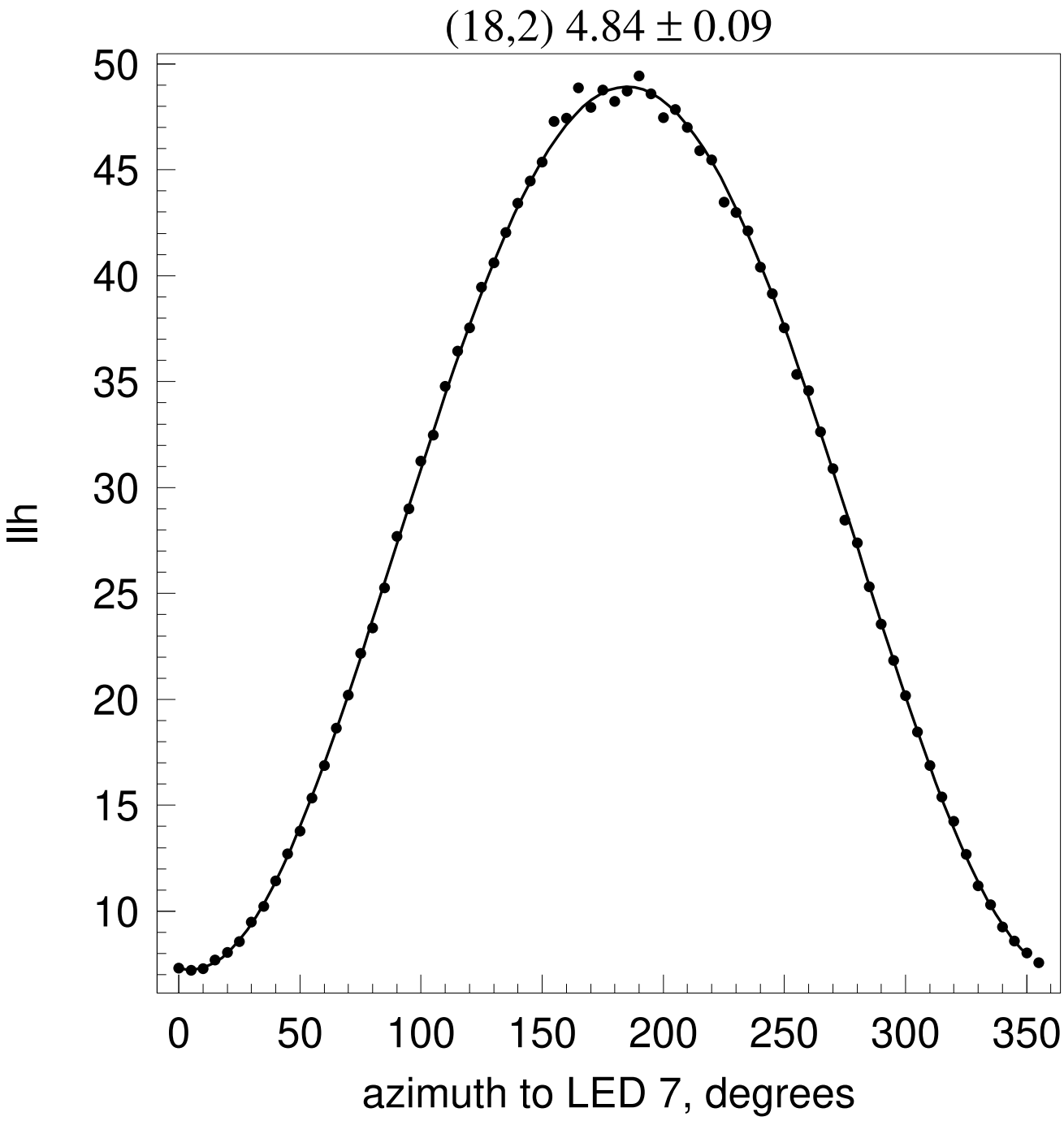

(17,57) 251.35 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

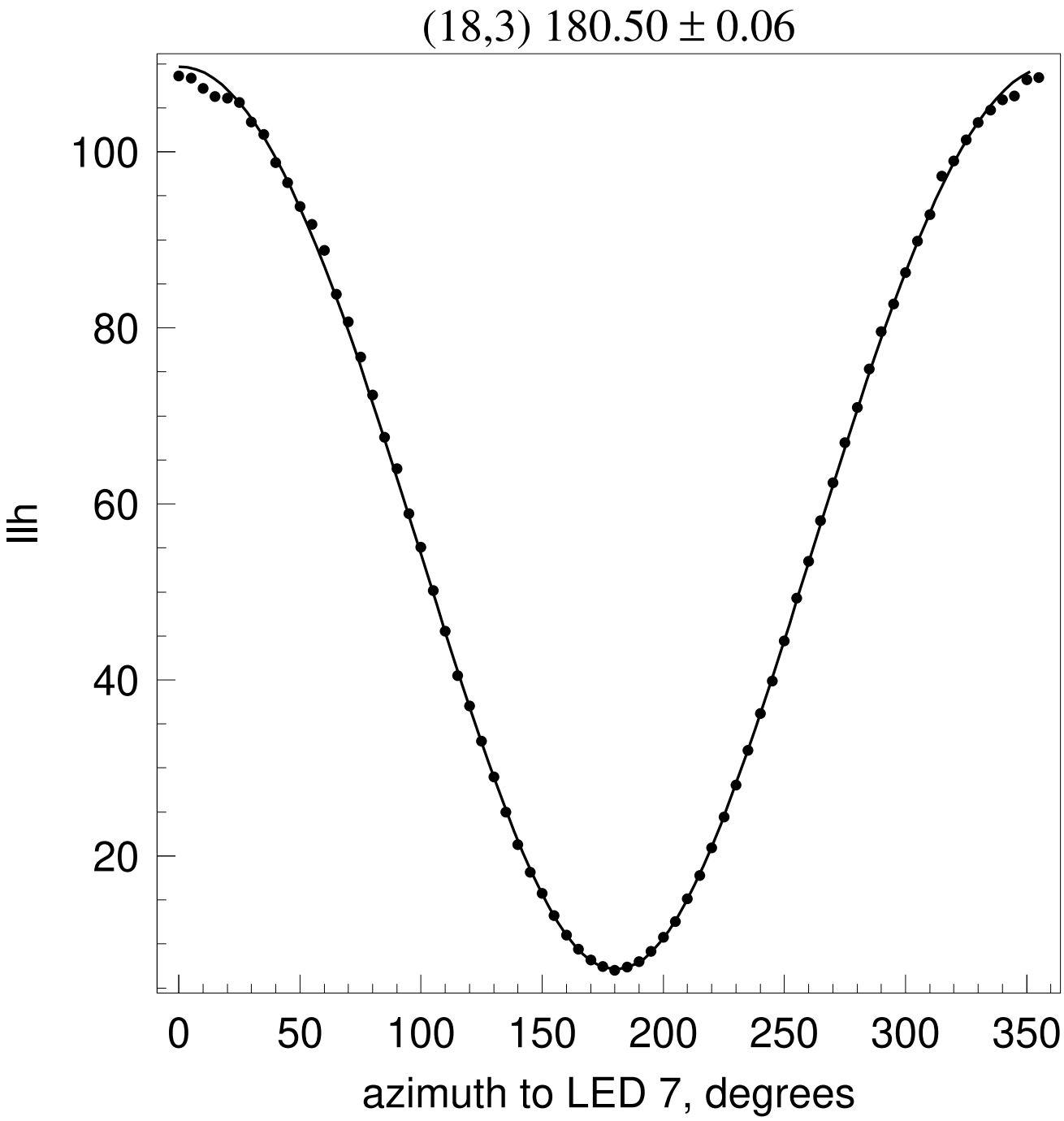

(17,58) 259.55 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

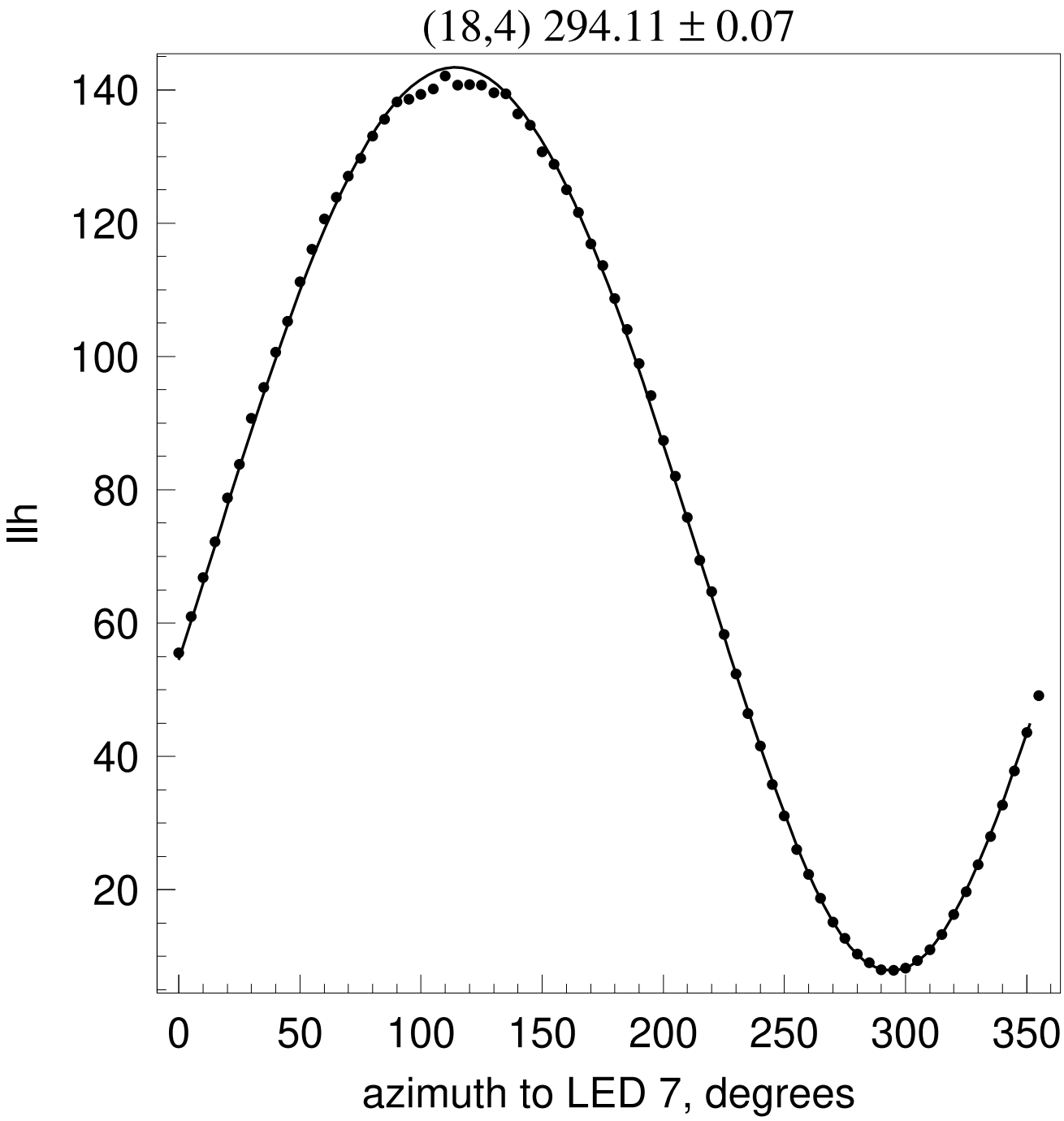

(17,59) 45.47 ± 0.15
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

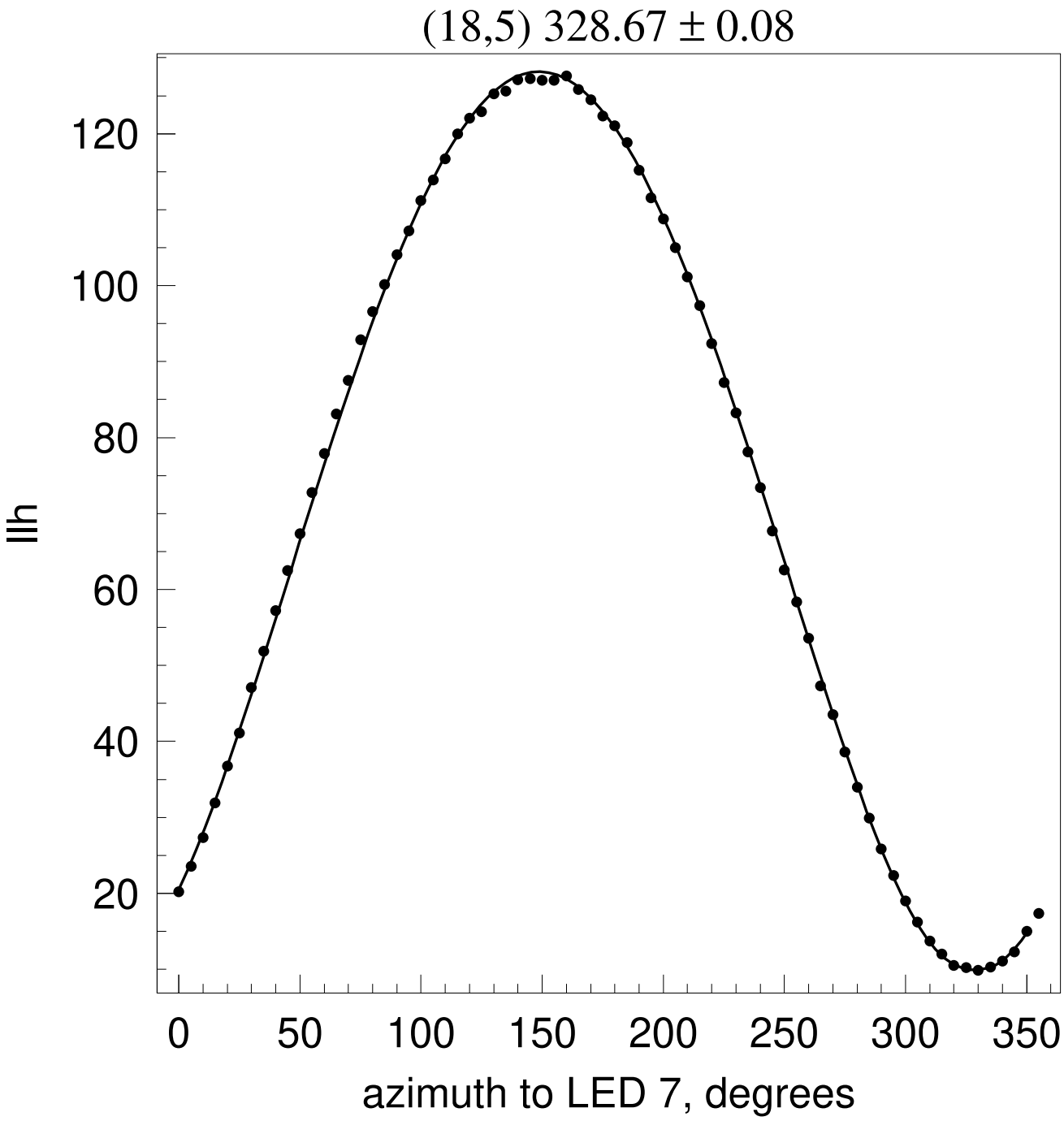

(17,60) 193.94 ± 0.08
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

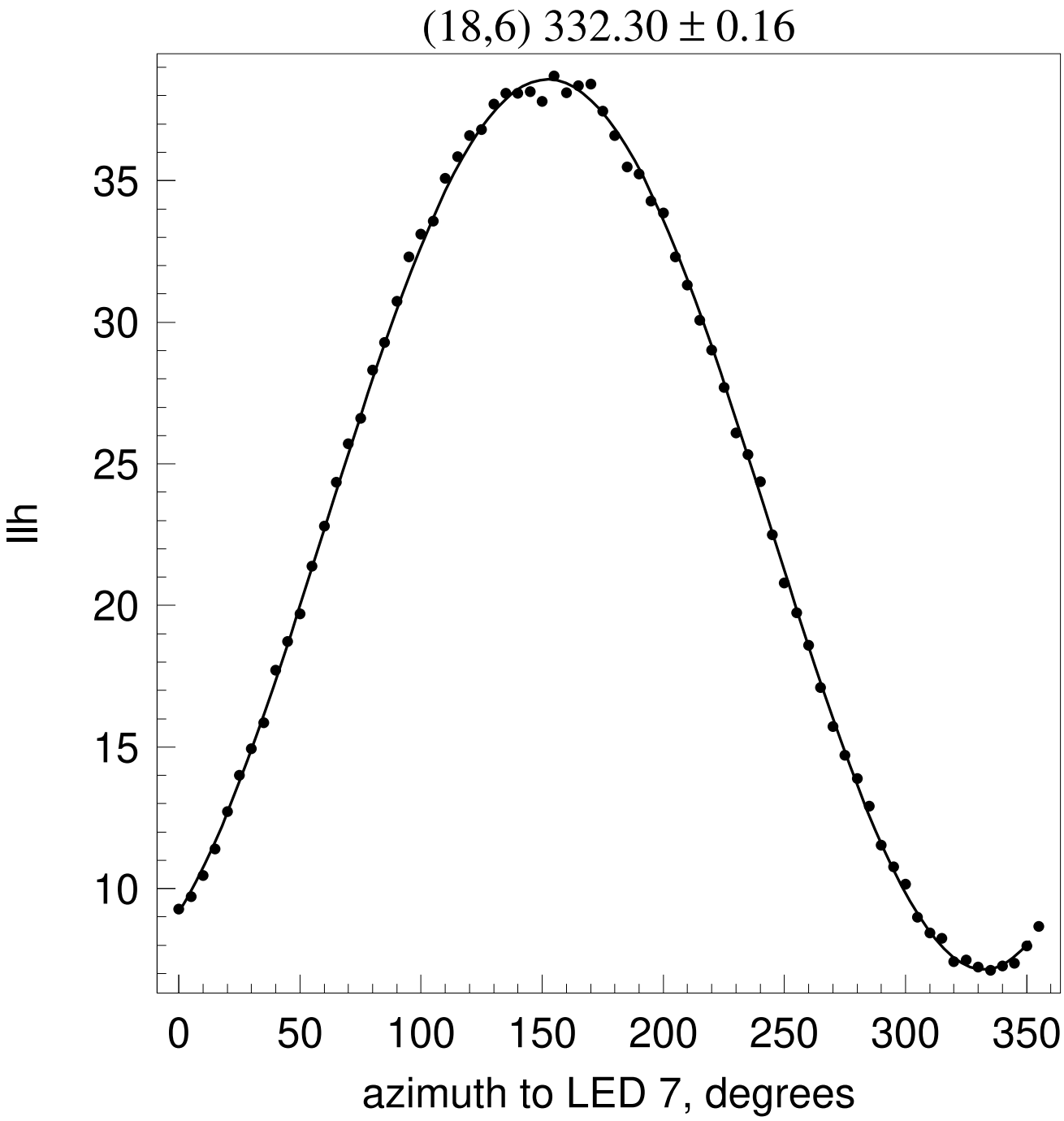

(18,1) 103.75 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

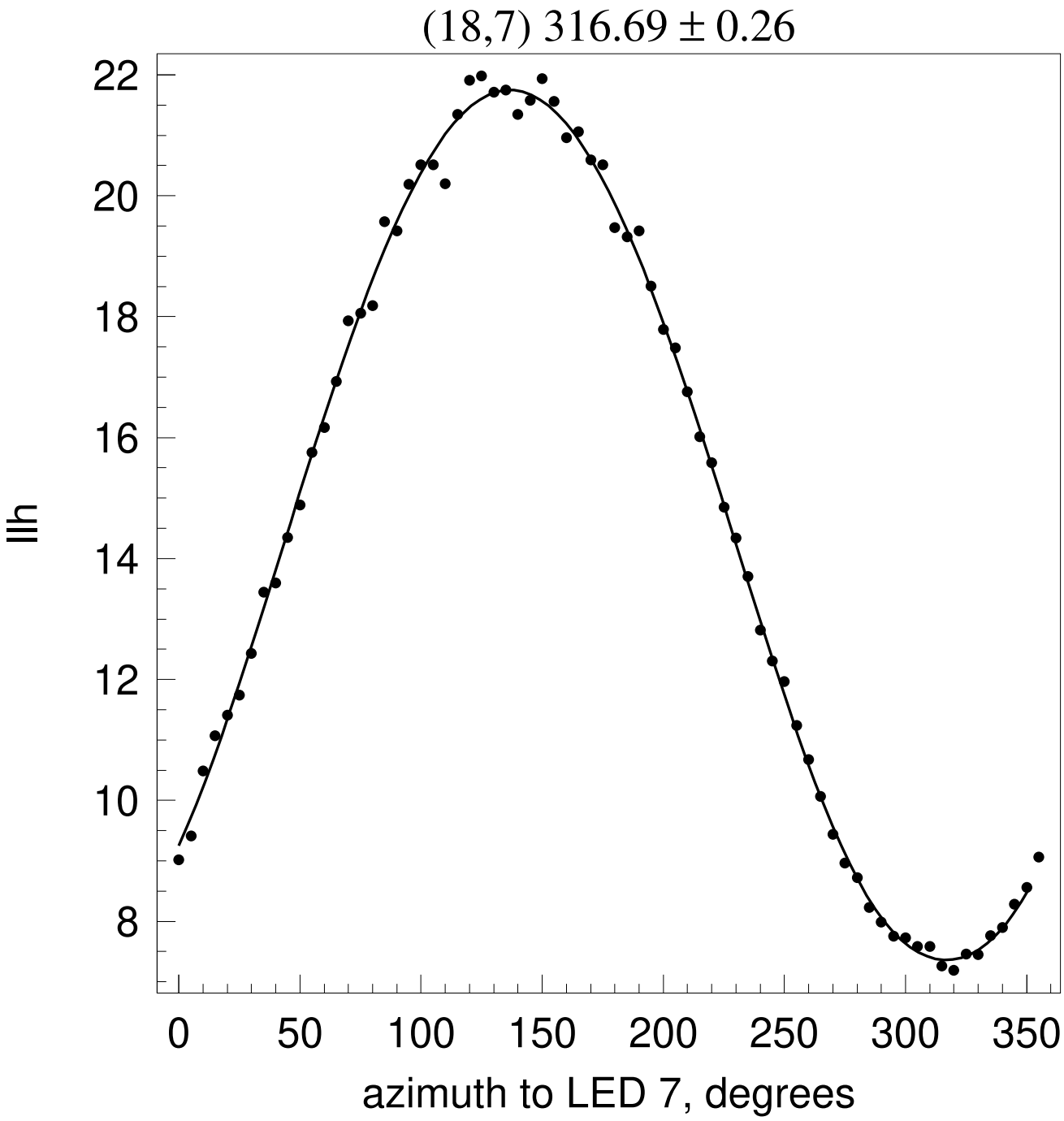

(18,2) 4.84 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

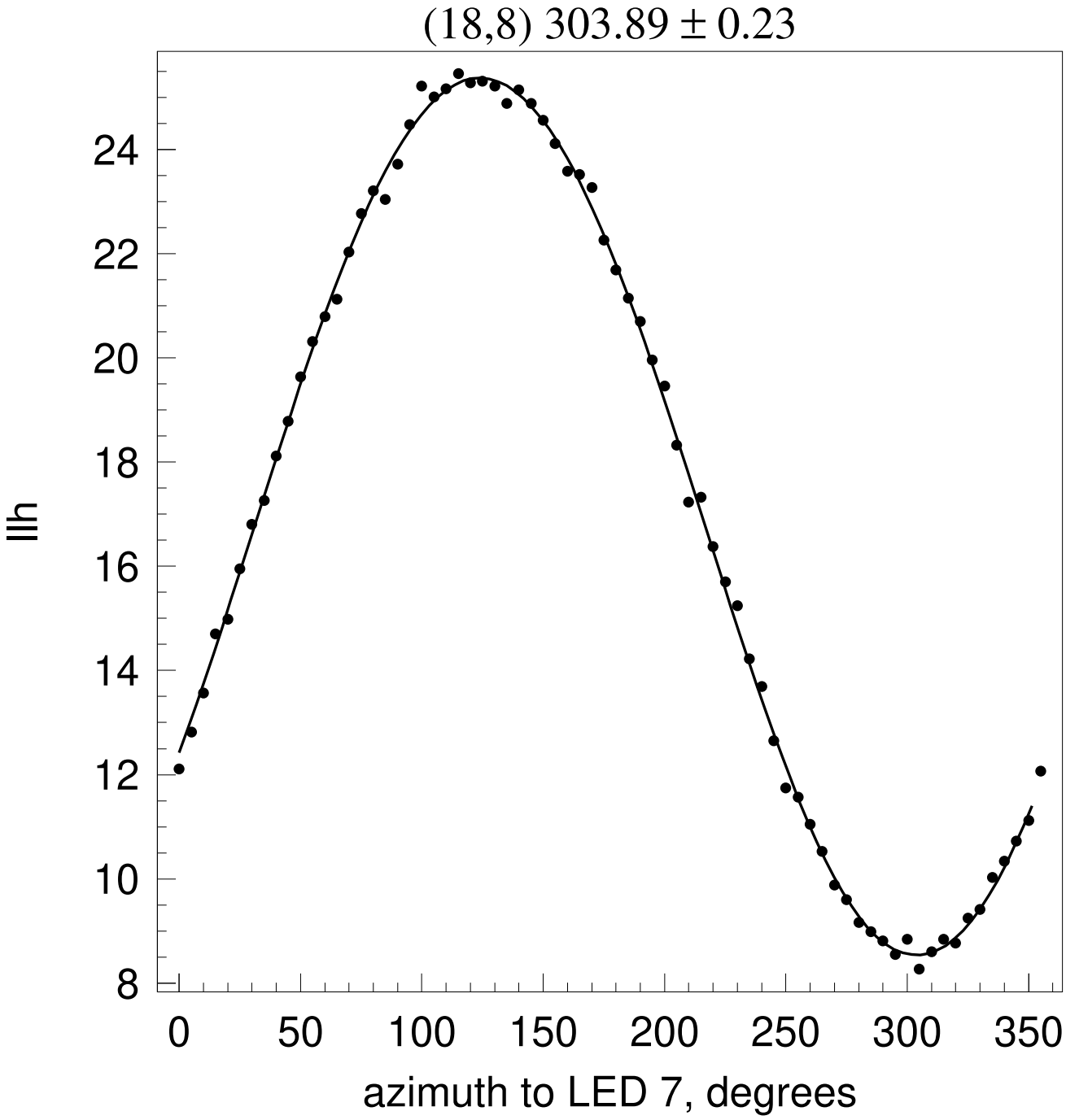

(18,3) 180.50 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

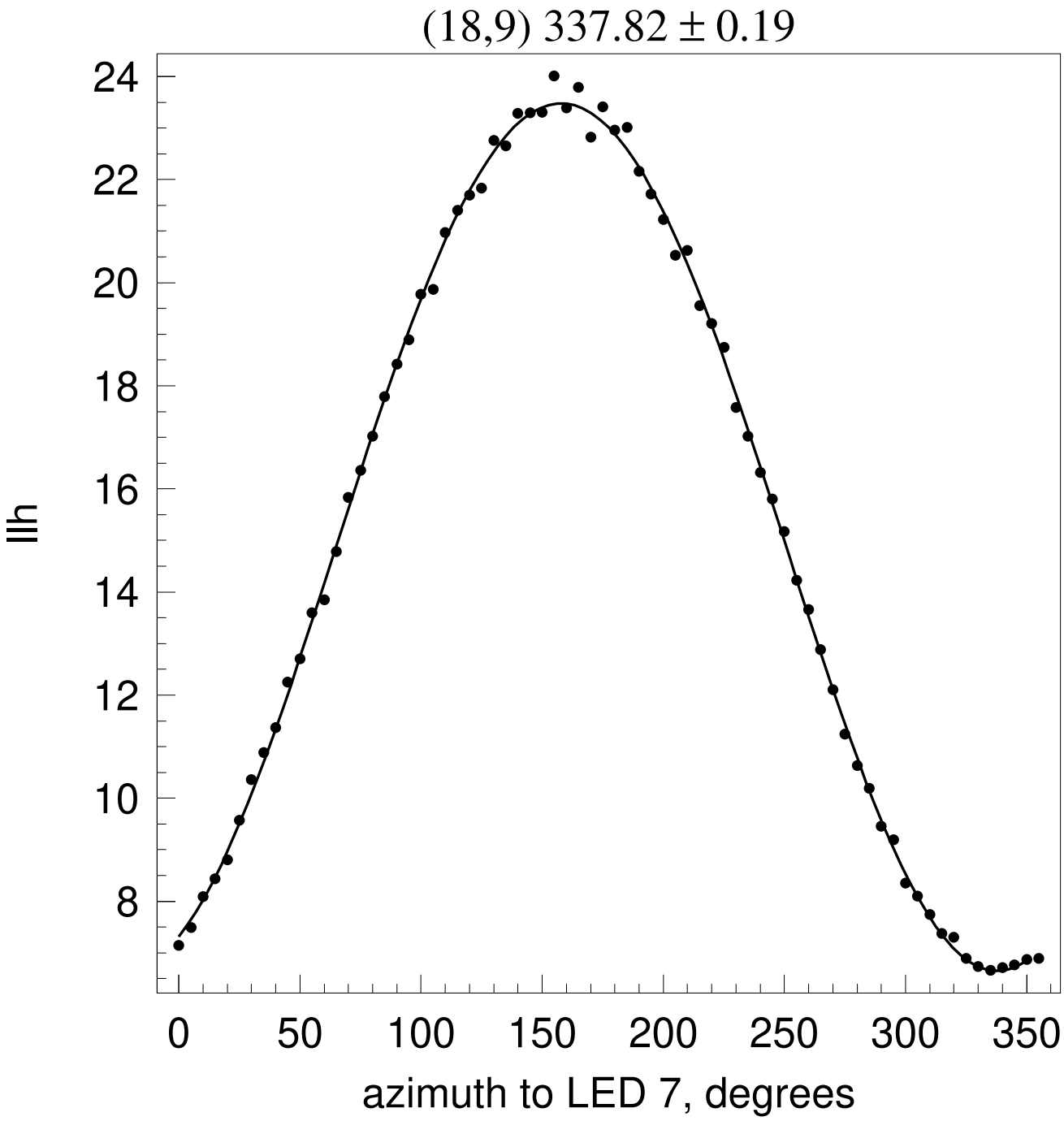

(18,4) 294.11 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

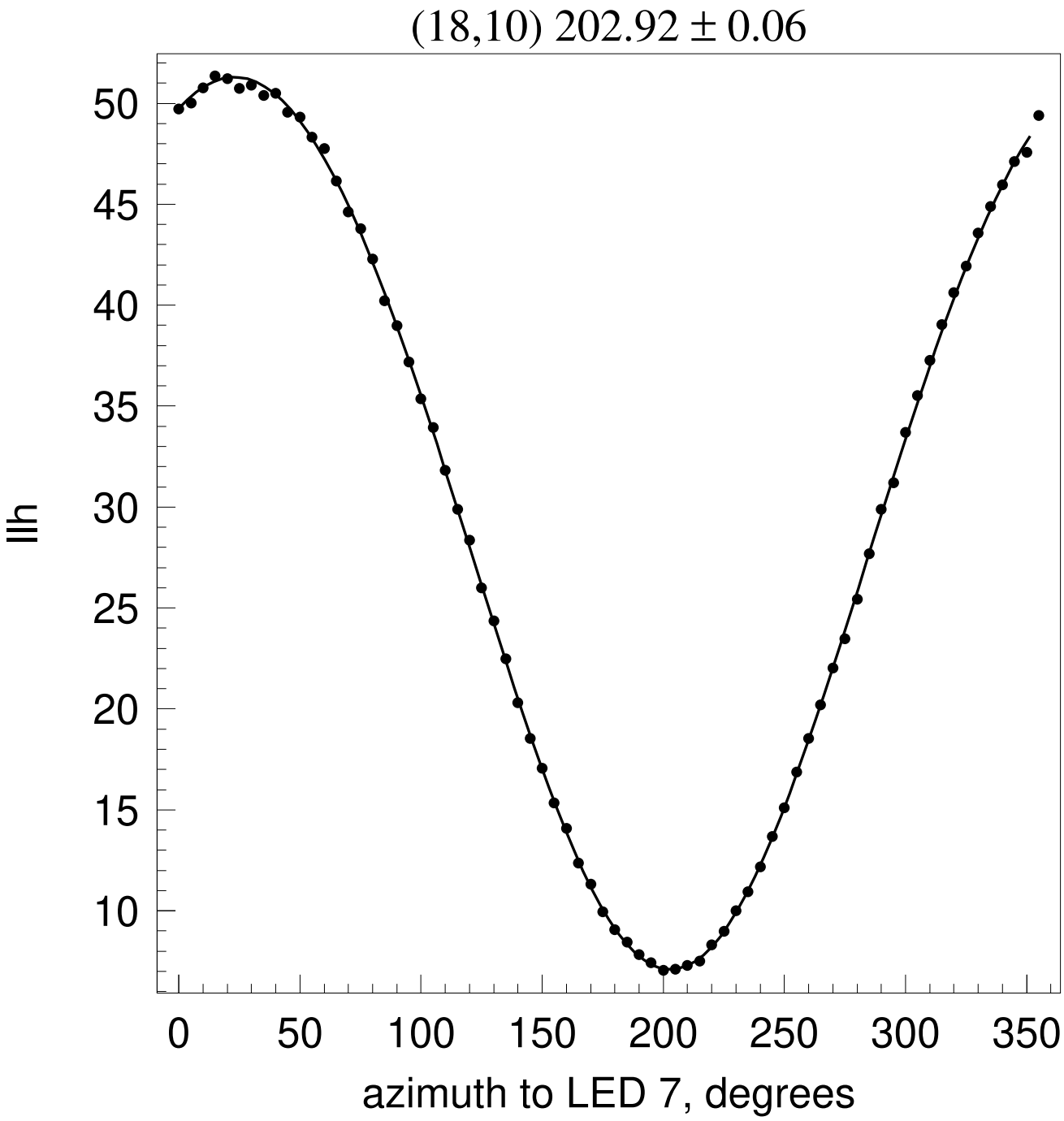

(18,5) 328.67 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

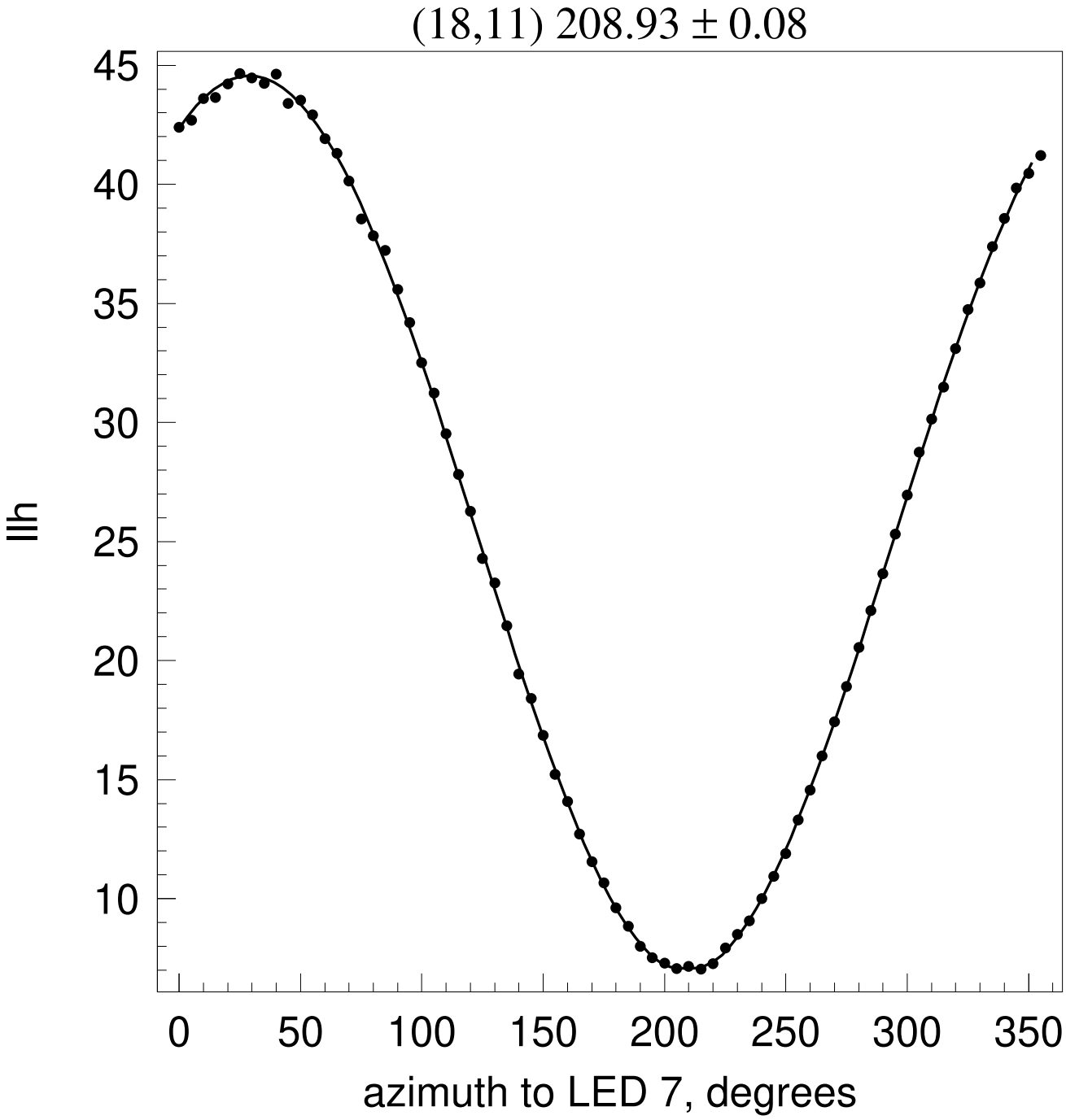

(18,6) 332.30 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

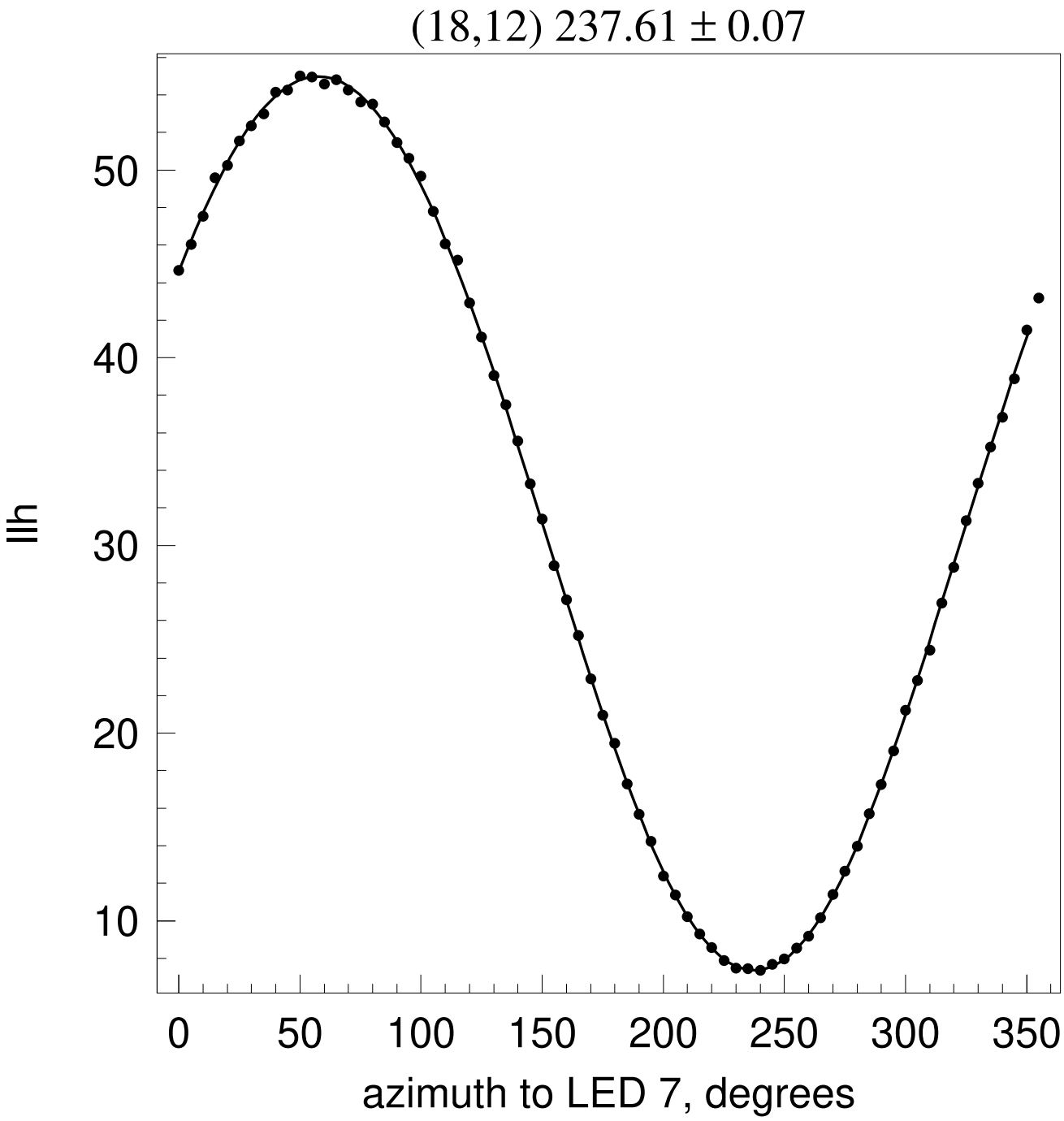

(18,7) 316.69 ± 0.26
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

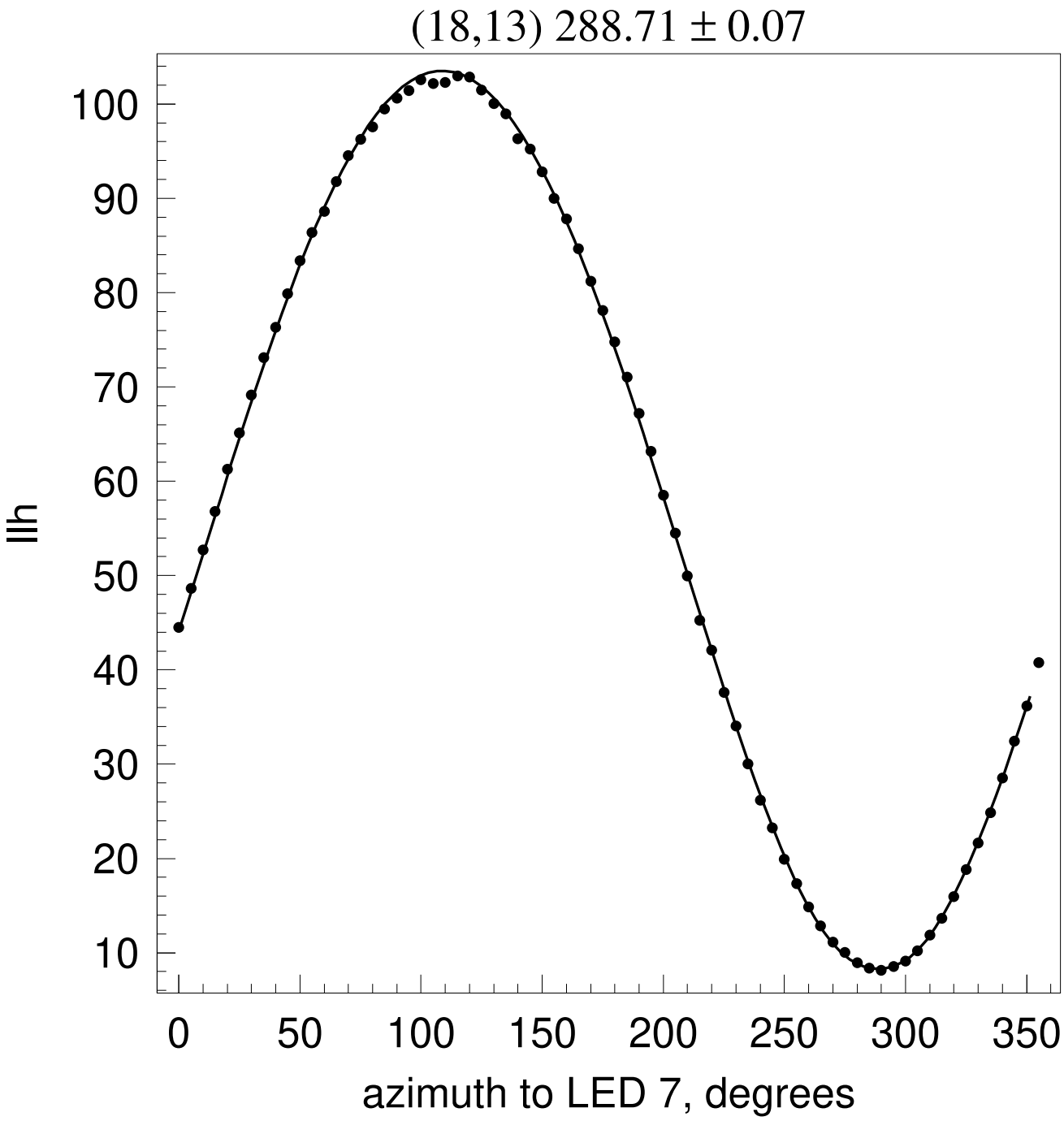

(18,8) 303.89 ± 0.23
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

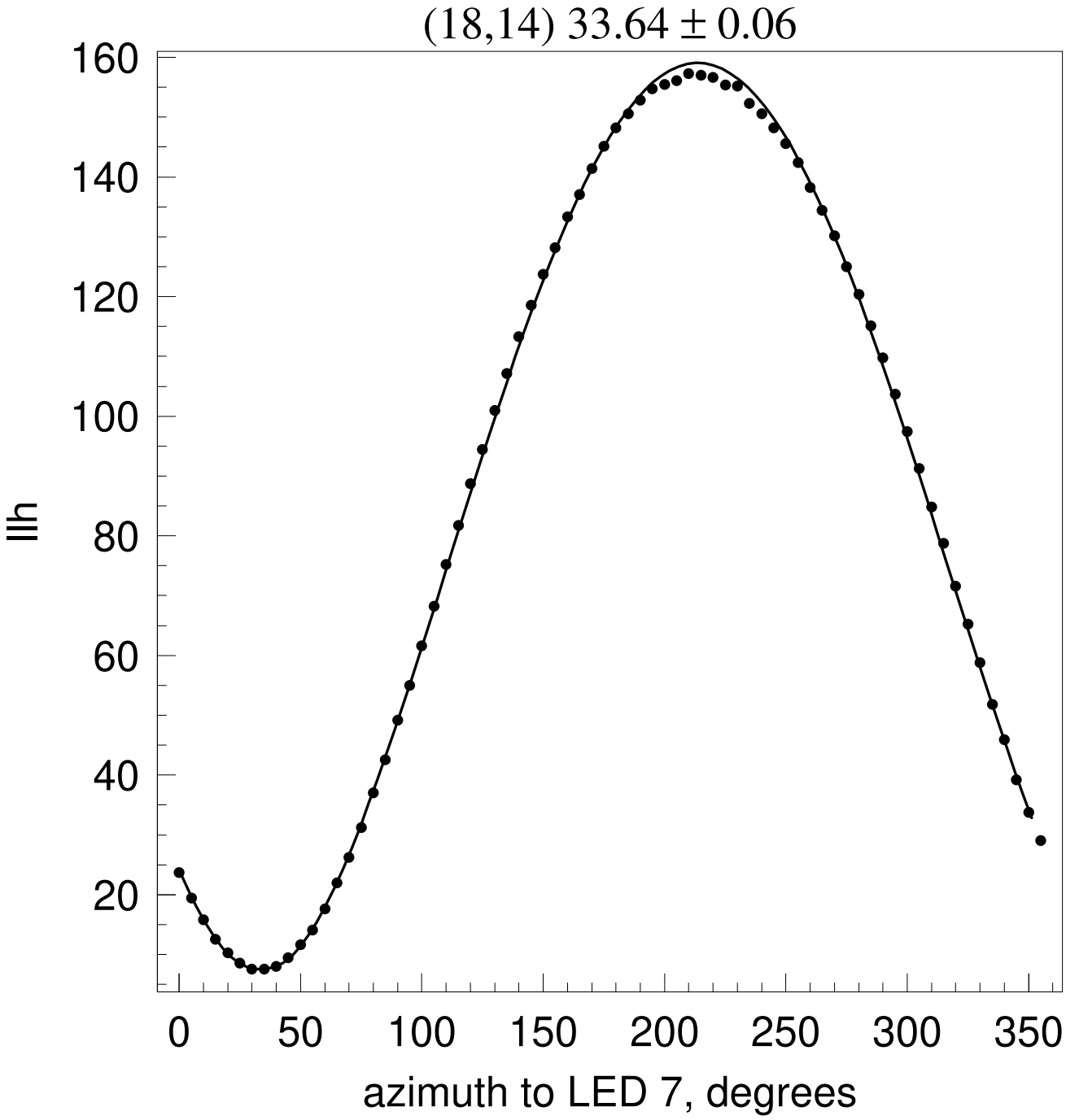

(18,9) 337.82 ± 0.19
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

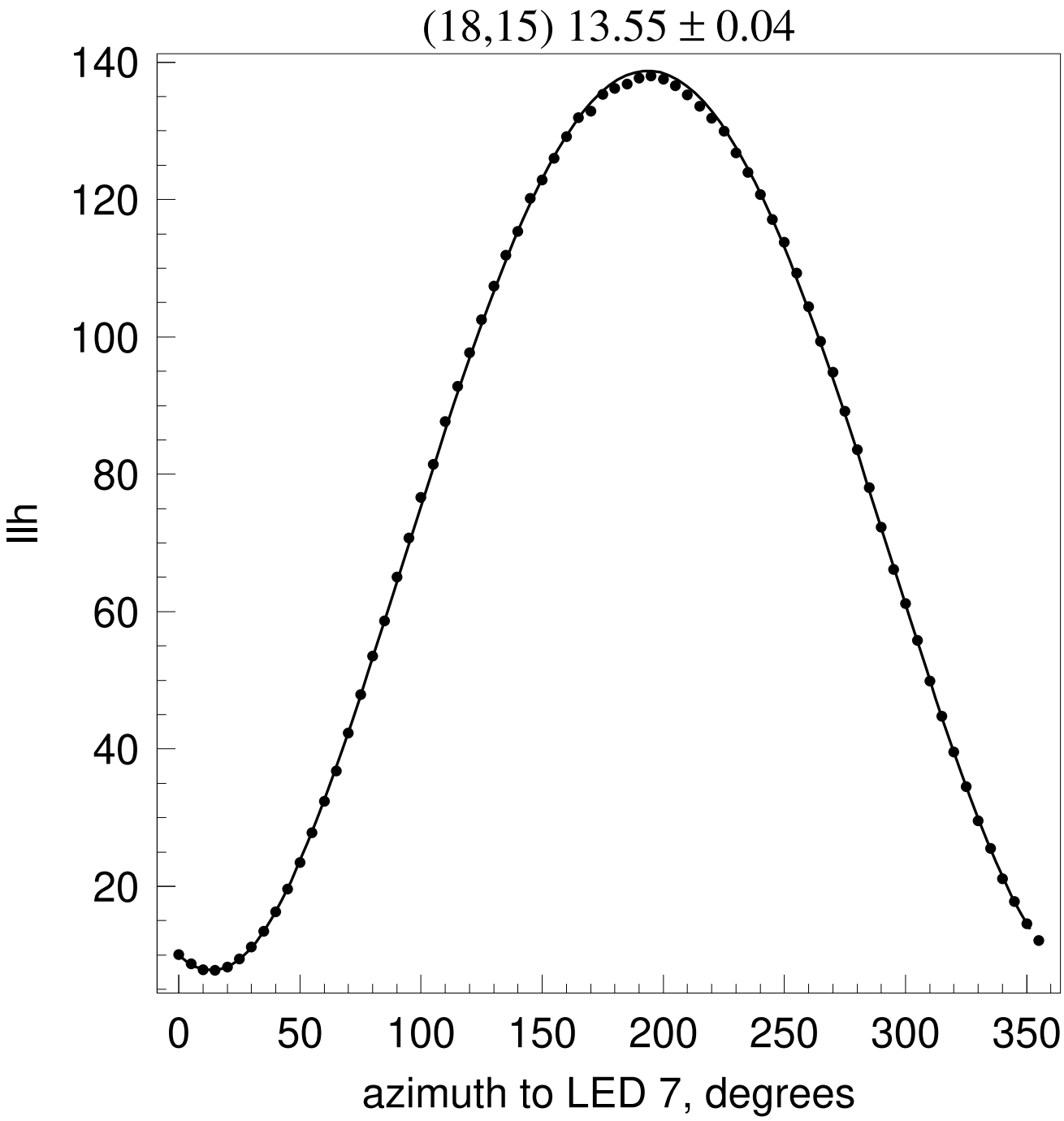

(18,10) 202.92 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

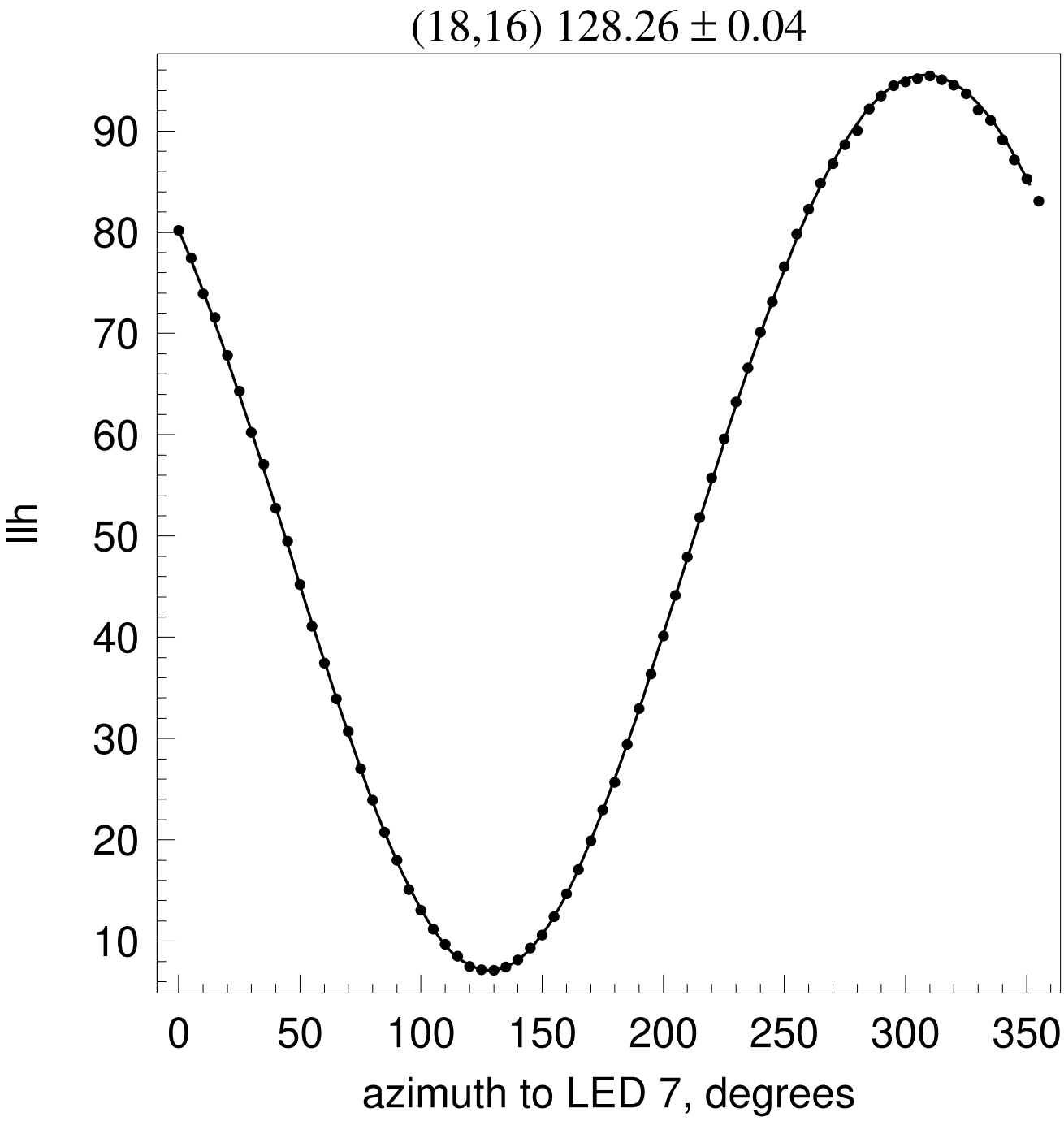

(18,11) 208.93 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

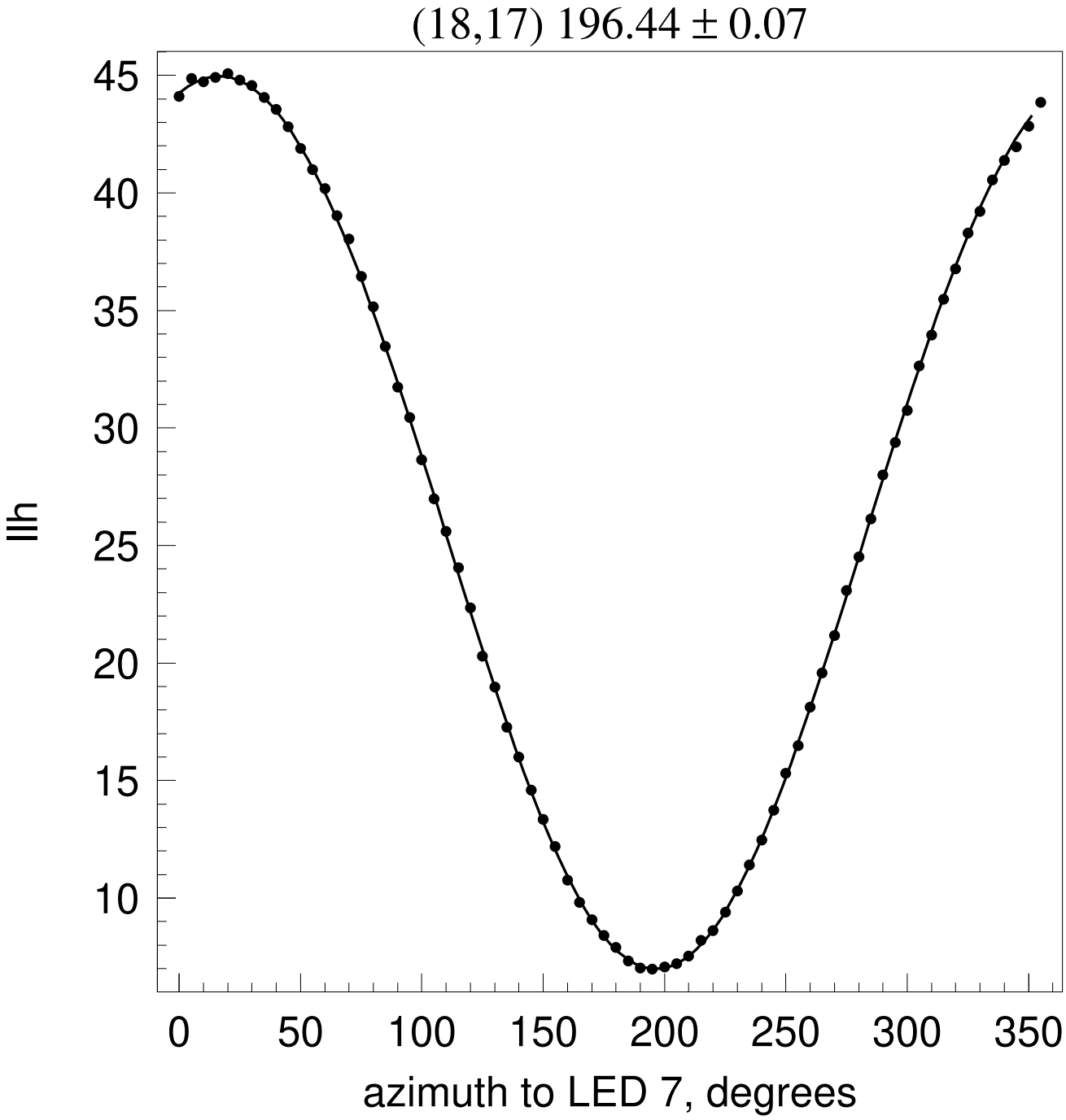

(18,12) 237.61 ± 0.07
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

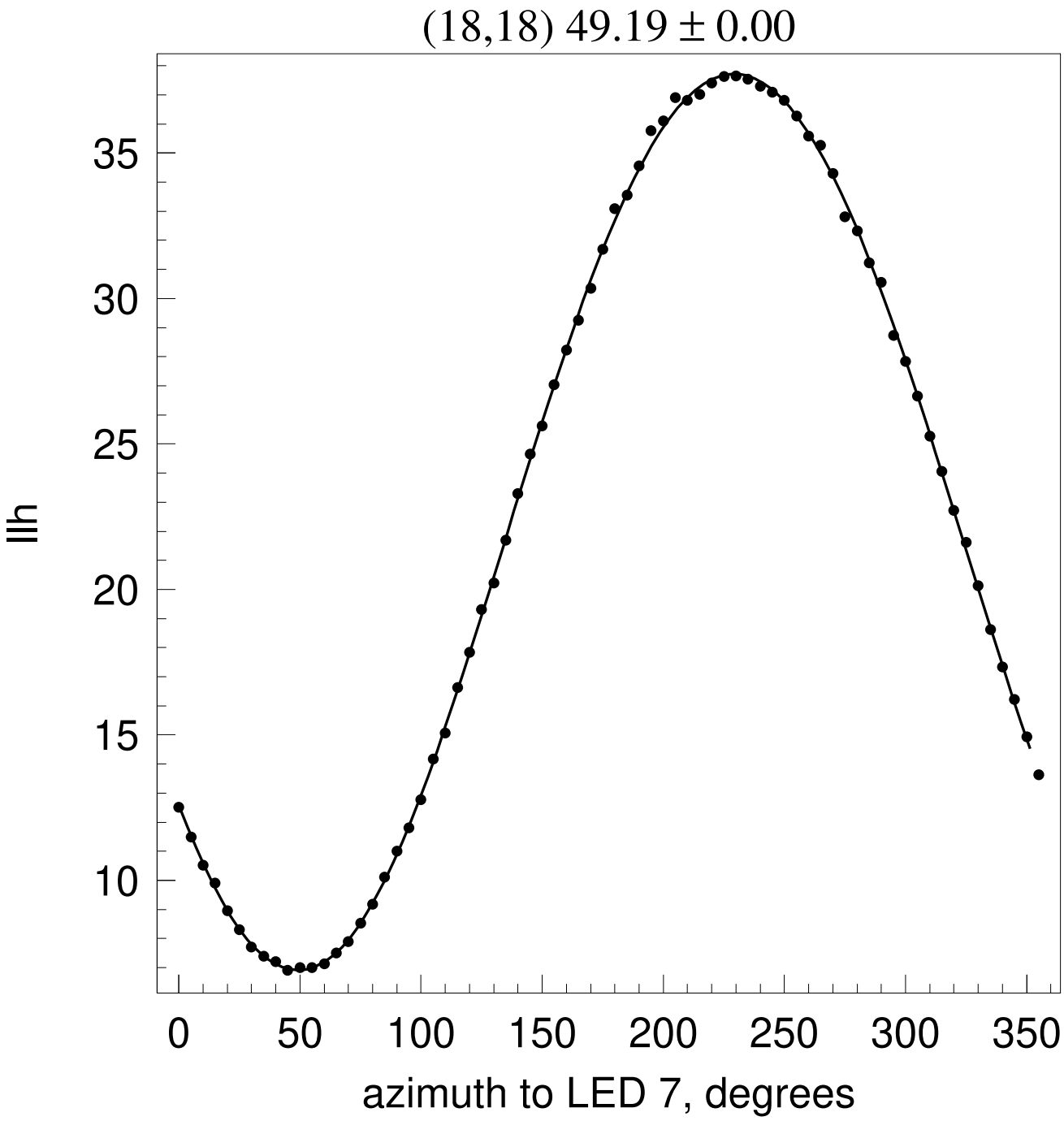

(18,13) 288.71 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

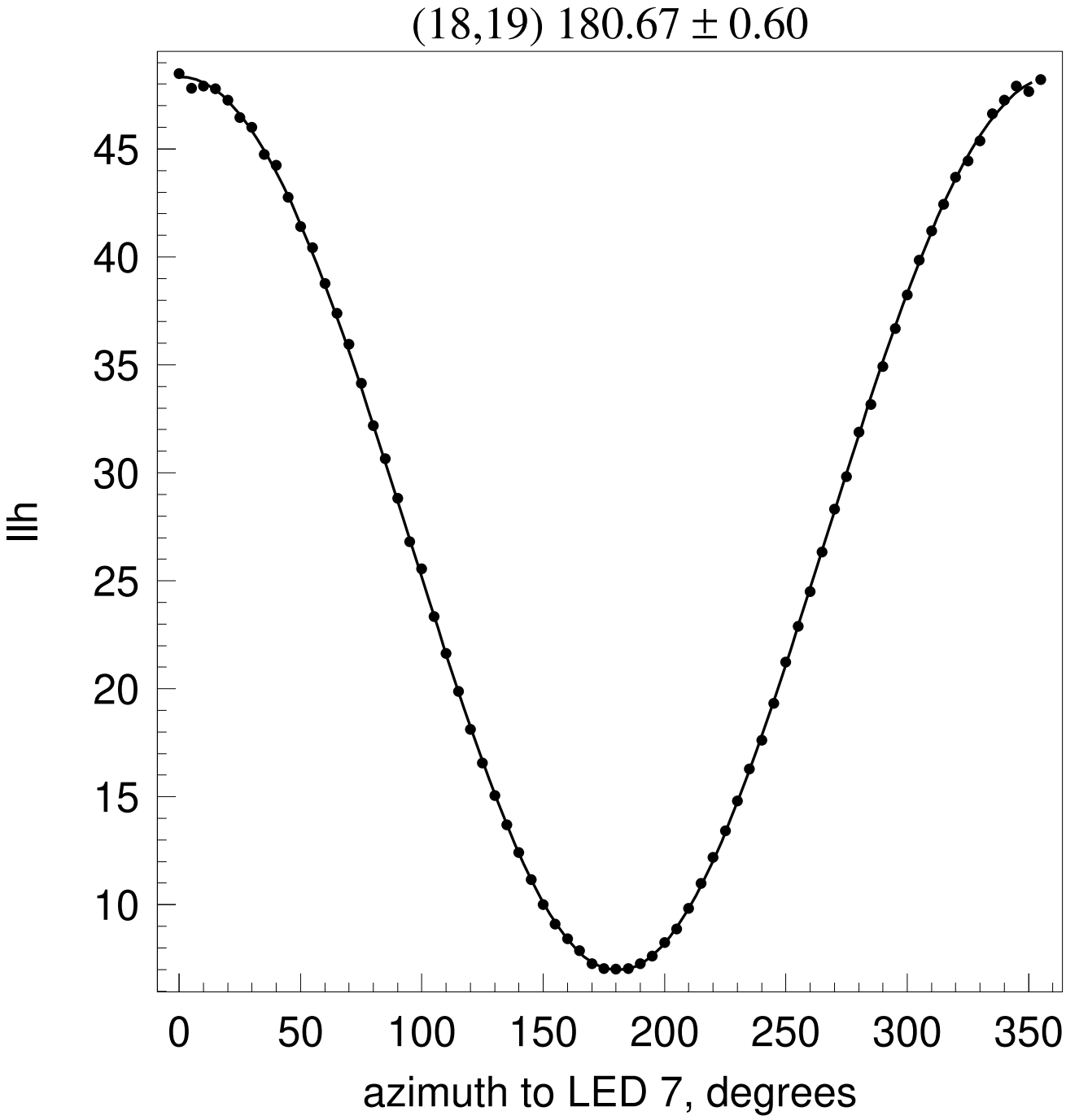

(18,14) 33.64 ± 0.06
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

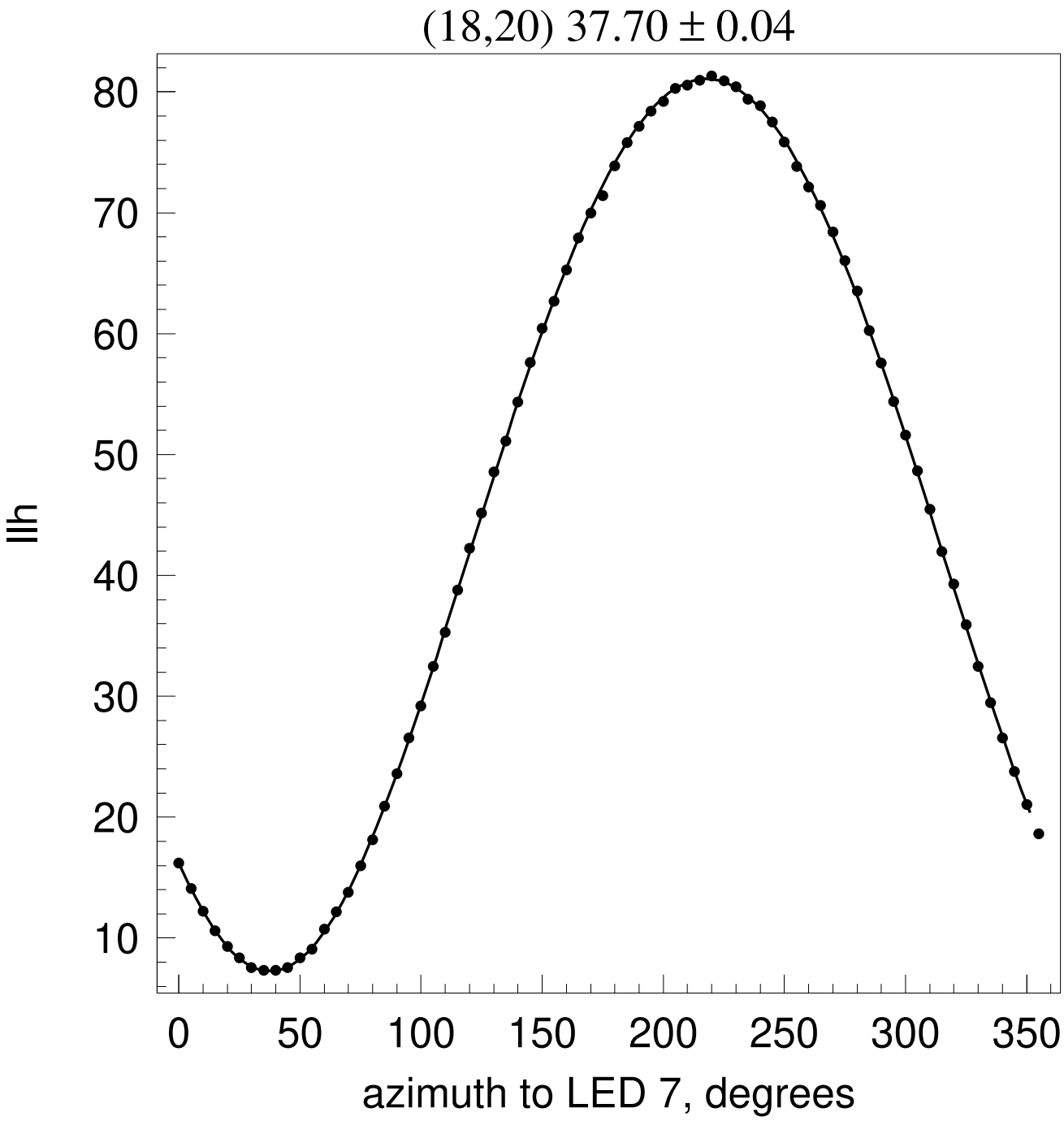

(18,15) 13.55 ± 0.04
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

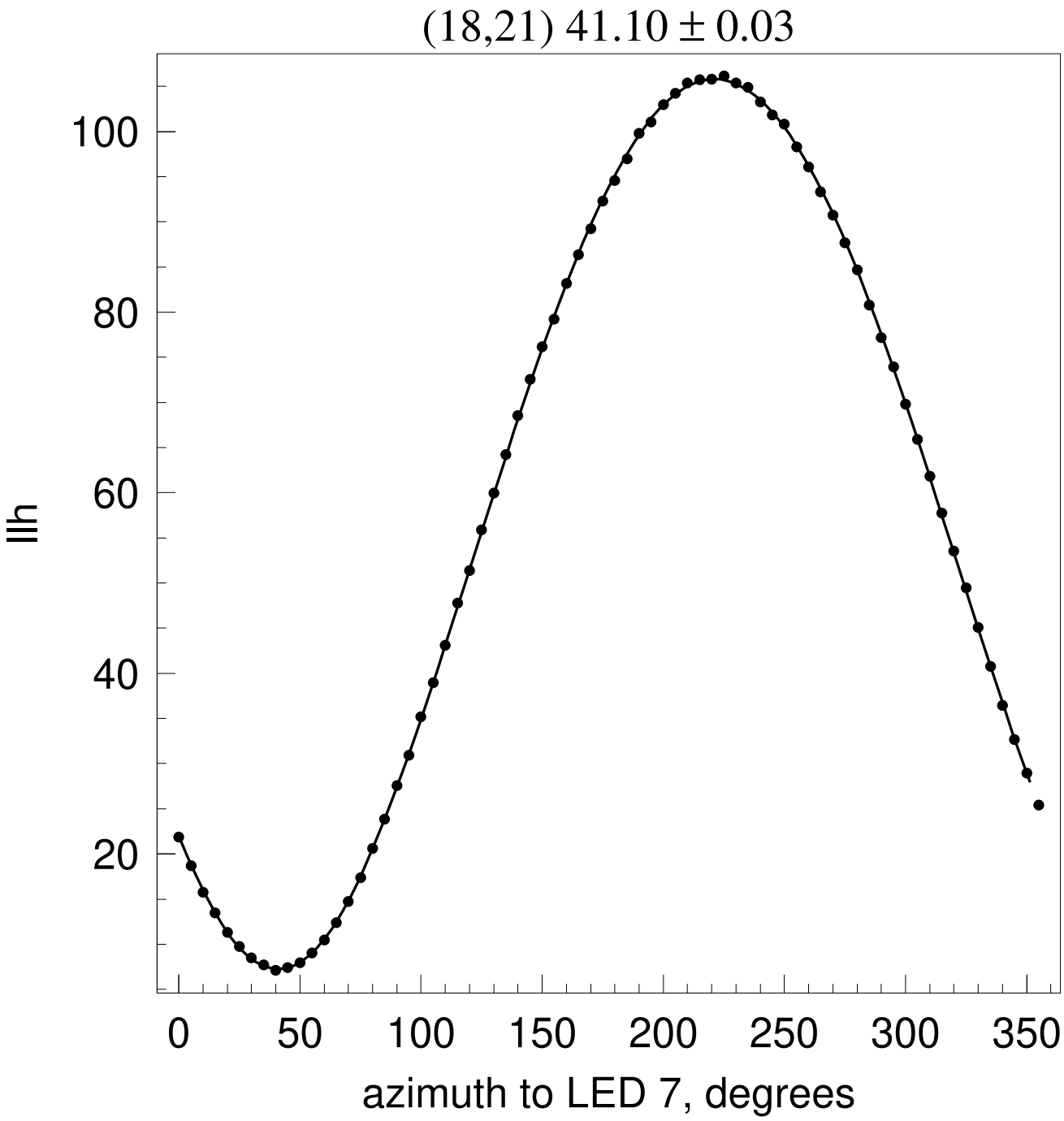

(18,16) 128.26 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

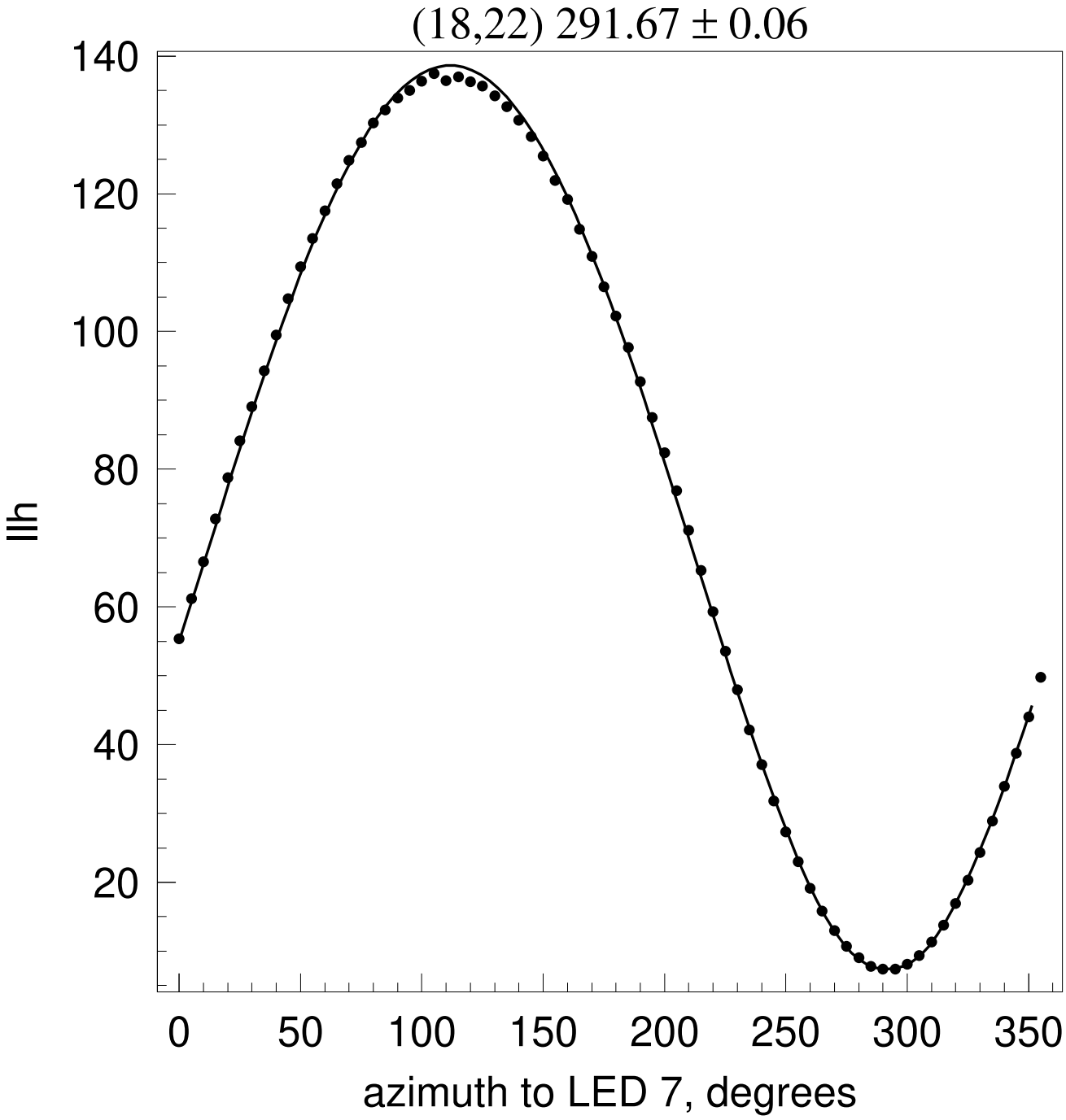

(18,17) 196.44 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

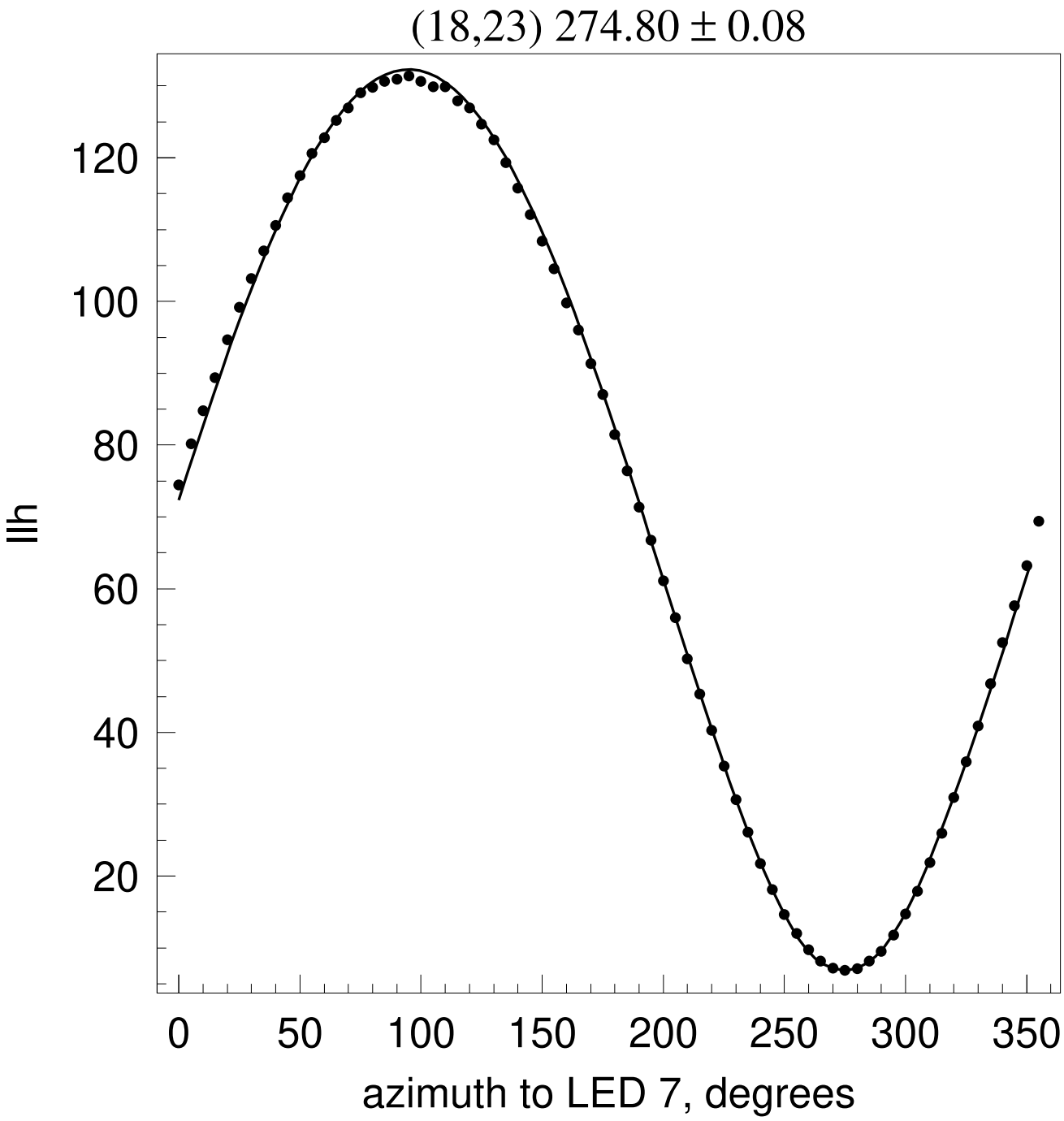

(18,18) 49.19 ± 0.00
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

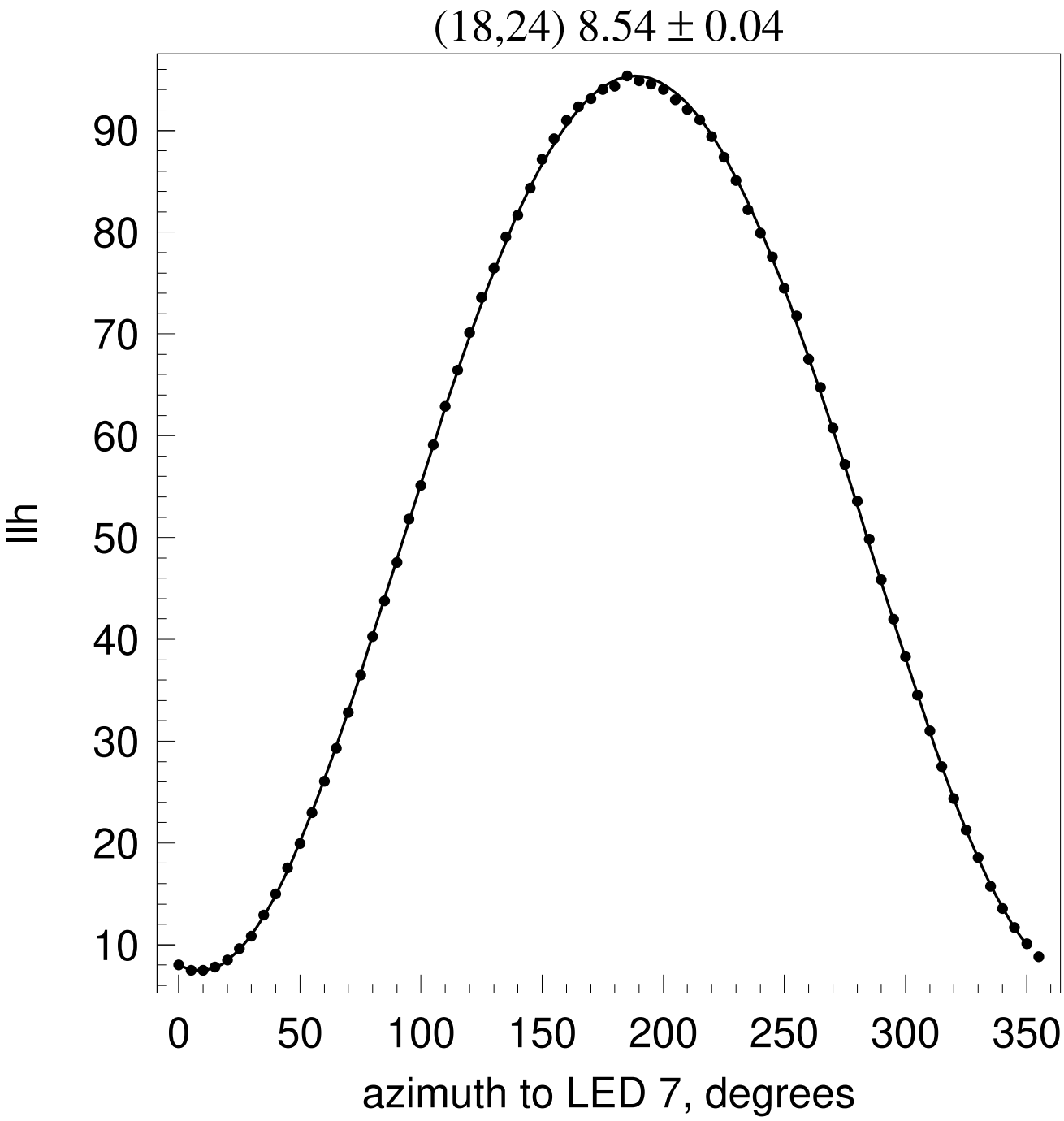

(18,19) 180.67 ± 0.60
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

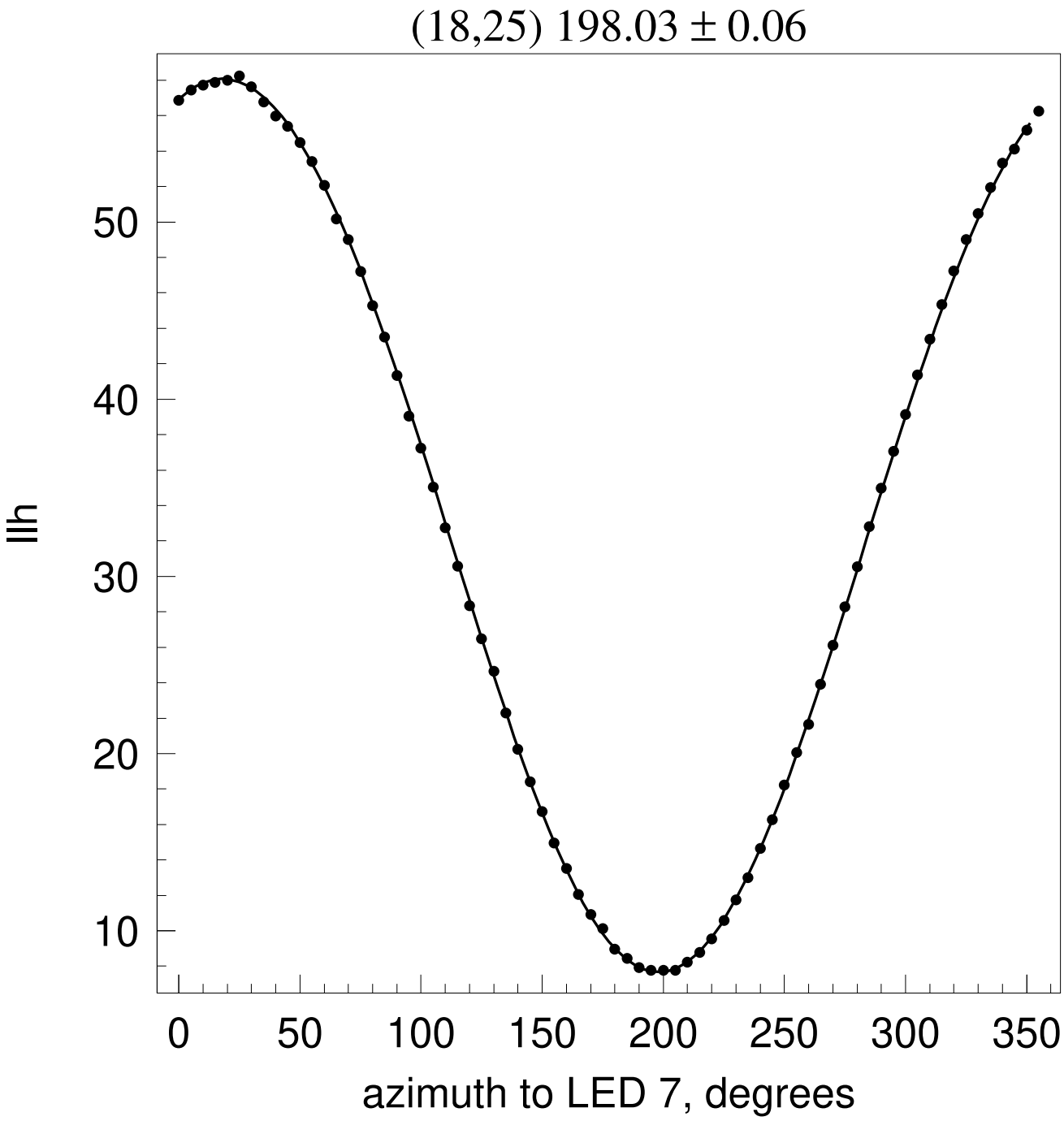

(18,20) 37.70 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

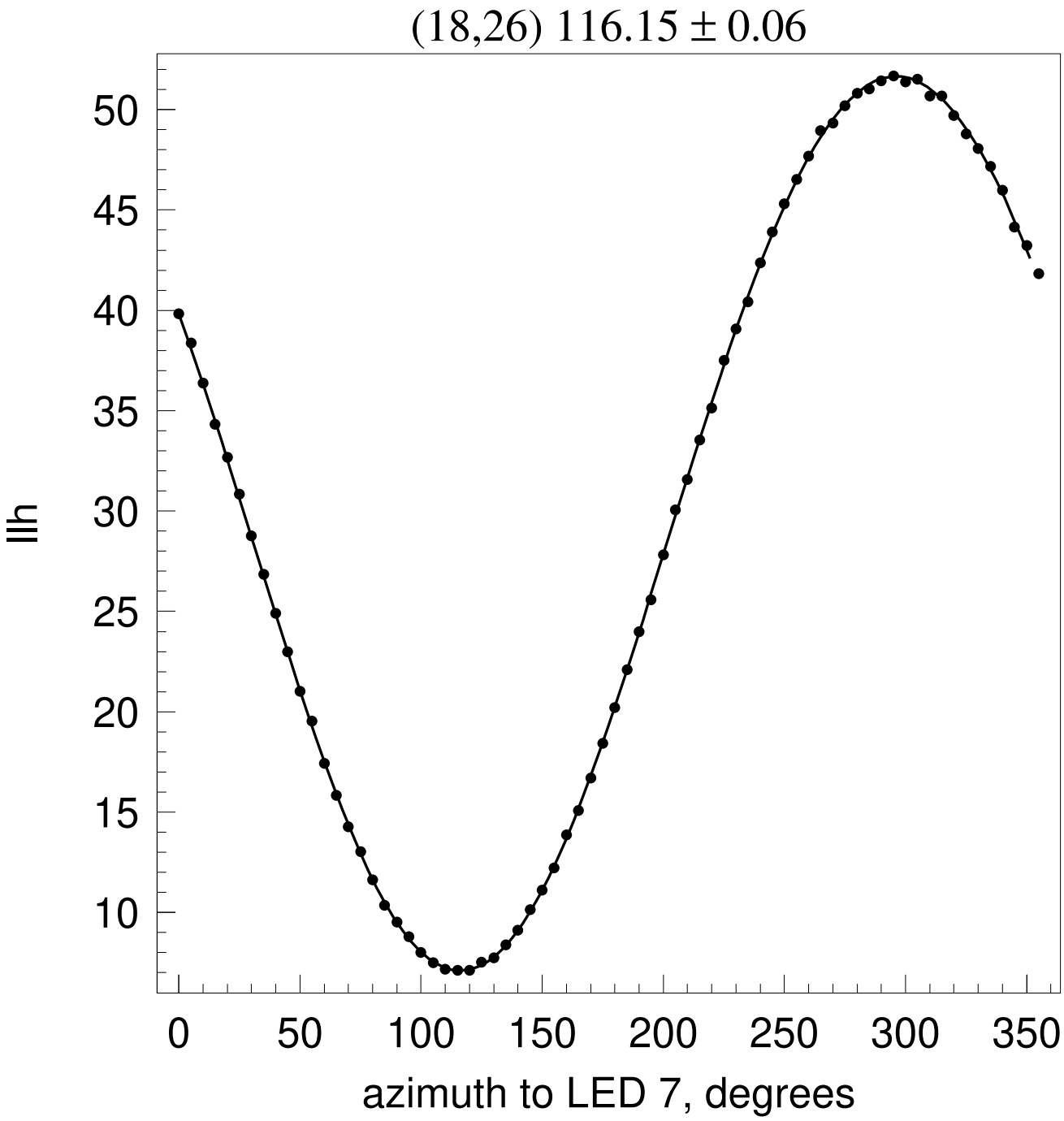

(18,21) 41.10 ± 0.03
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

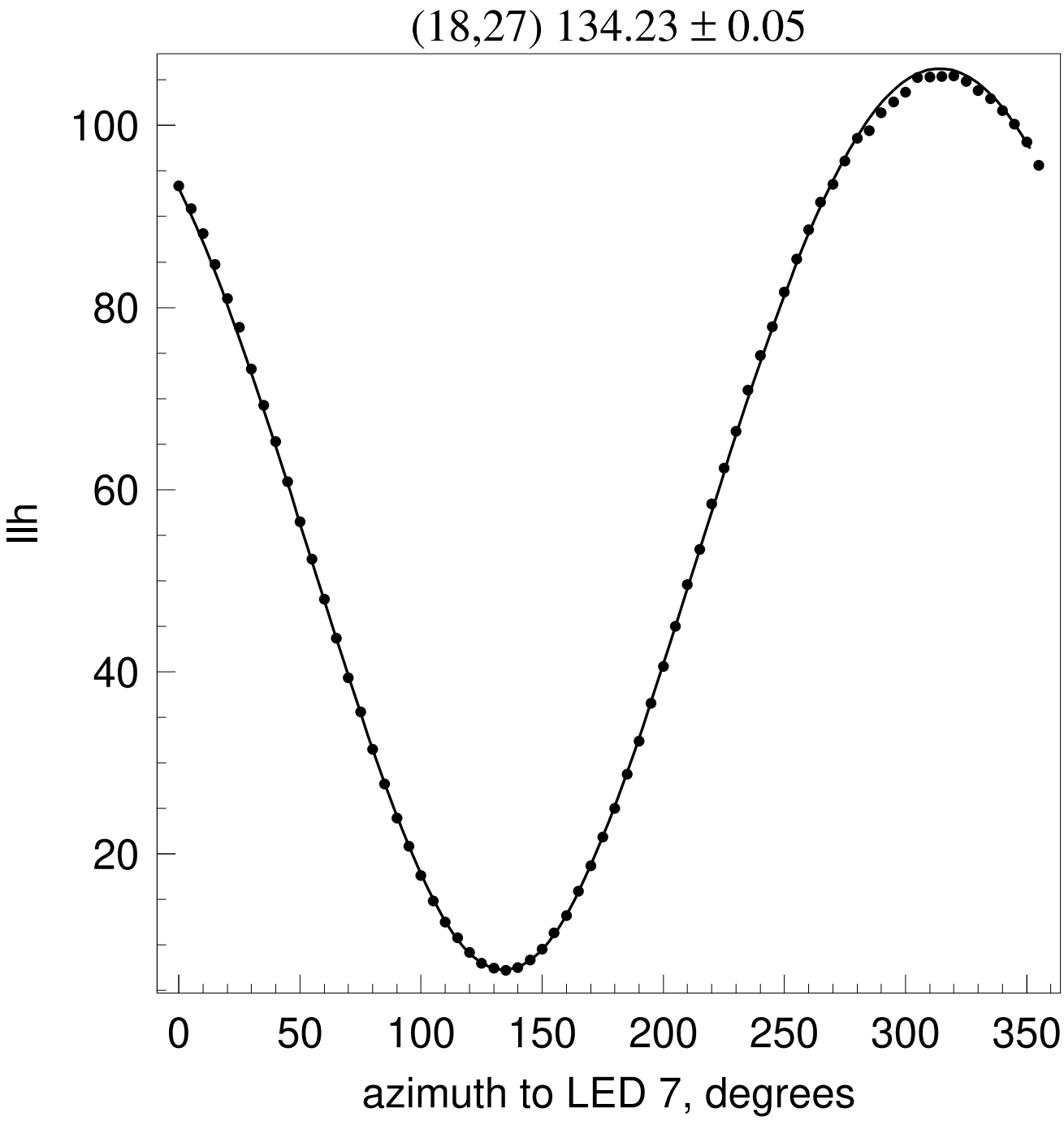

(18,22) 291.67 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

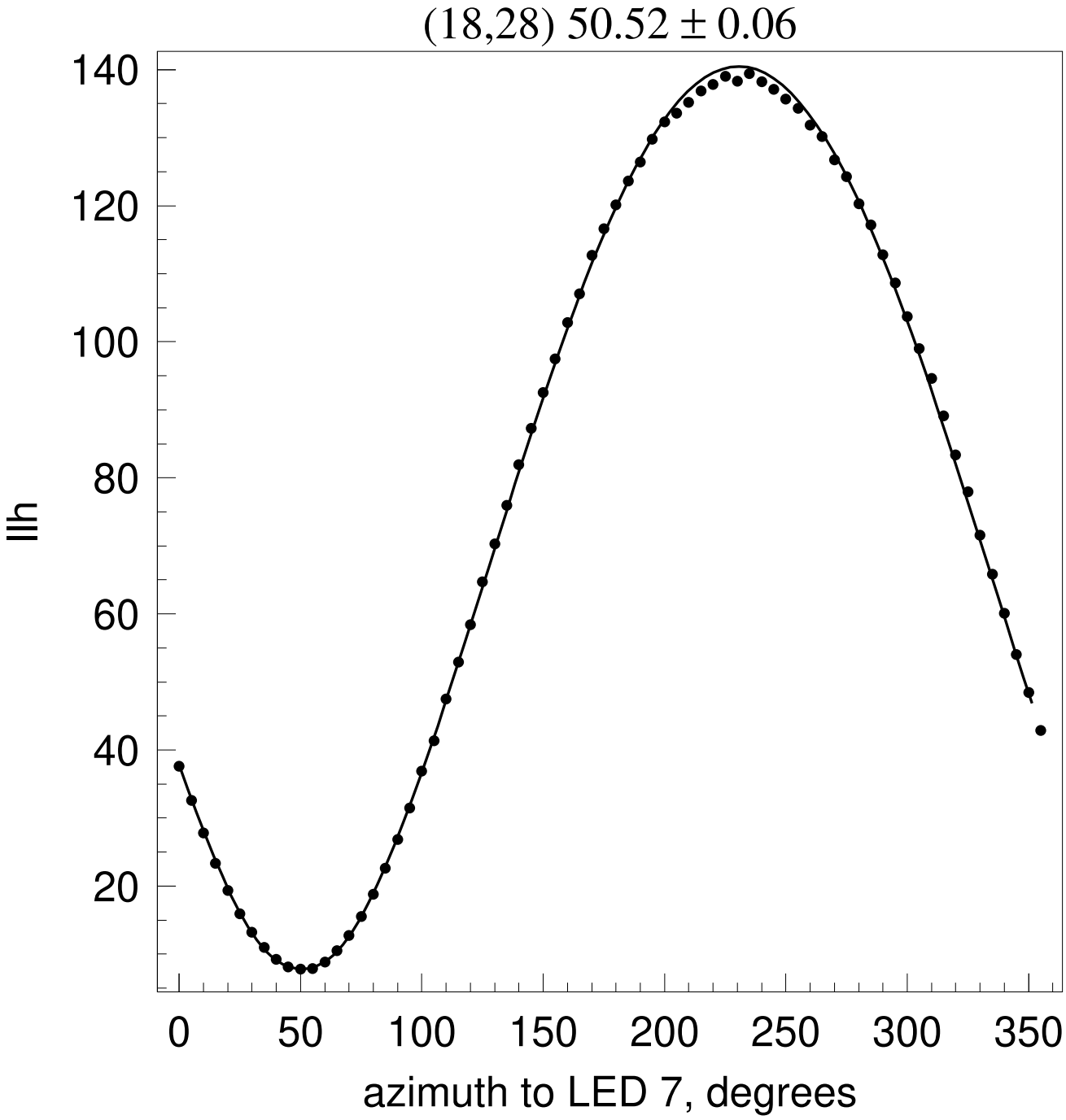

(18,23) 274.80 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

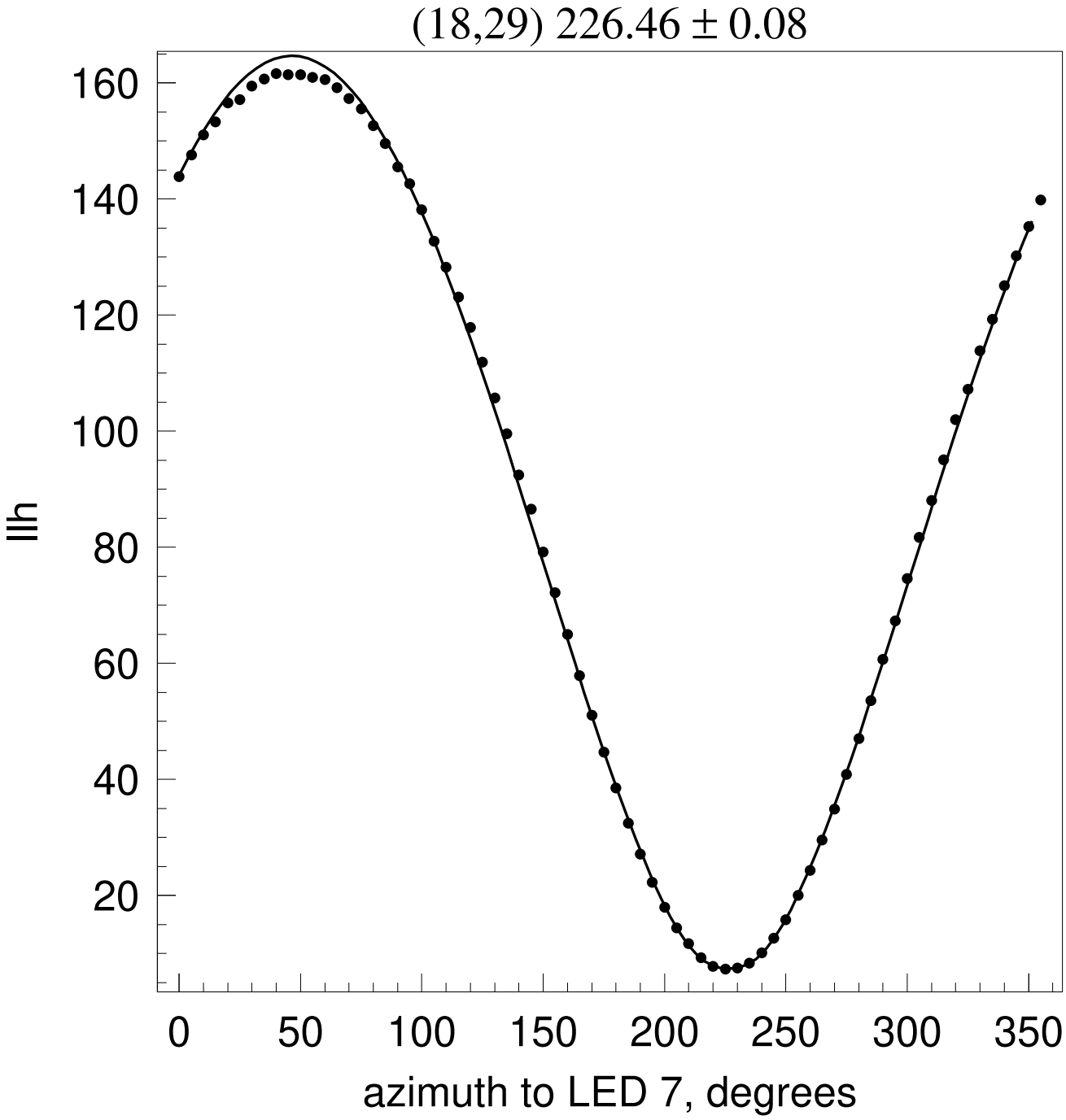

(18,24) 8.54 ± 0.04
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

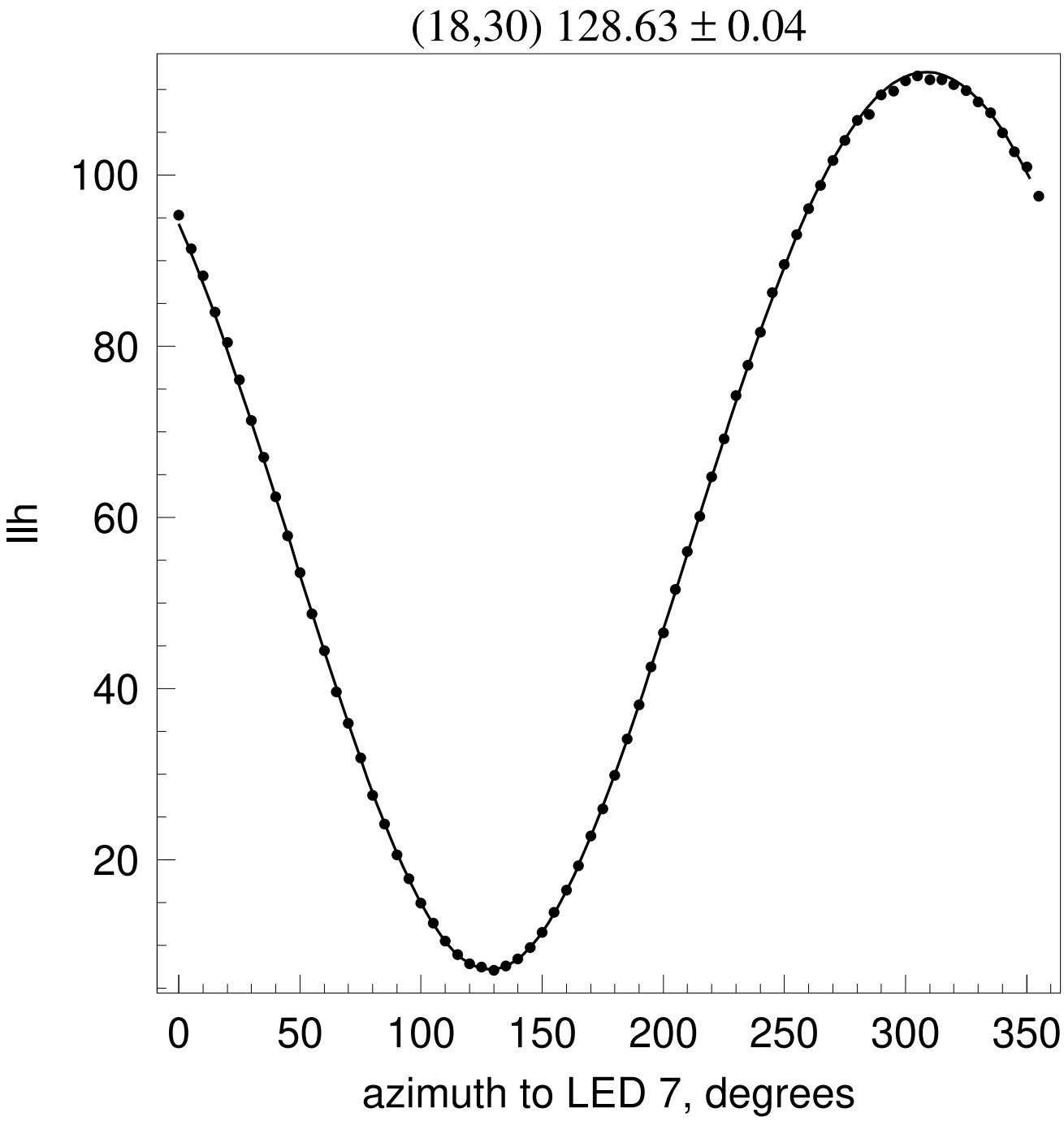

(18,25) 198.03 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

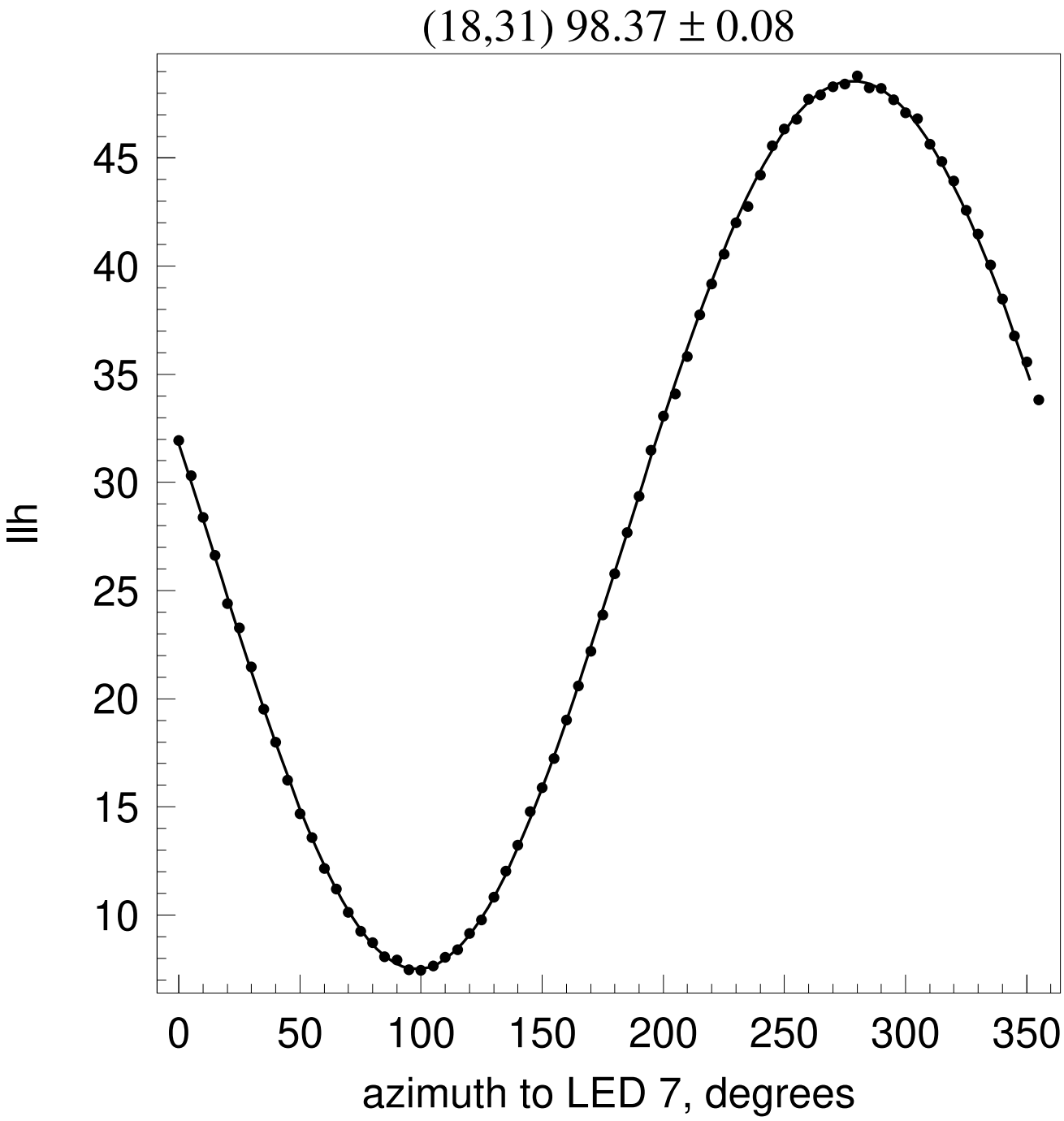

(18,26) 116.15 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

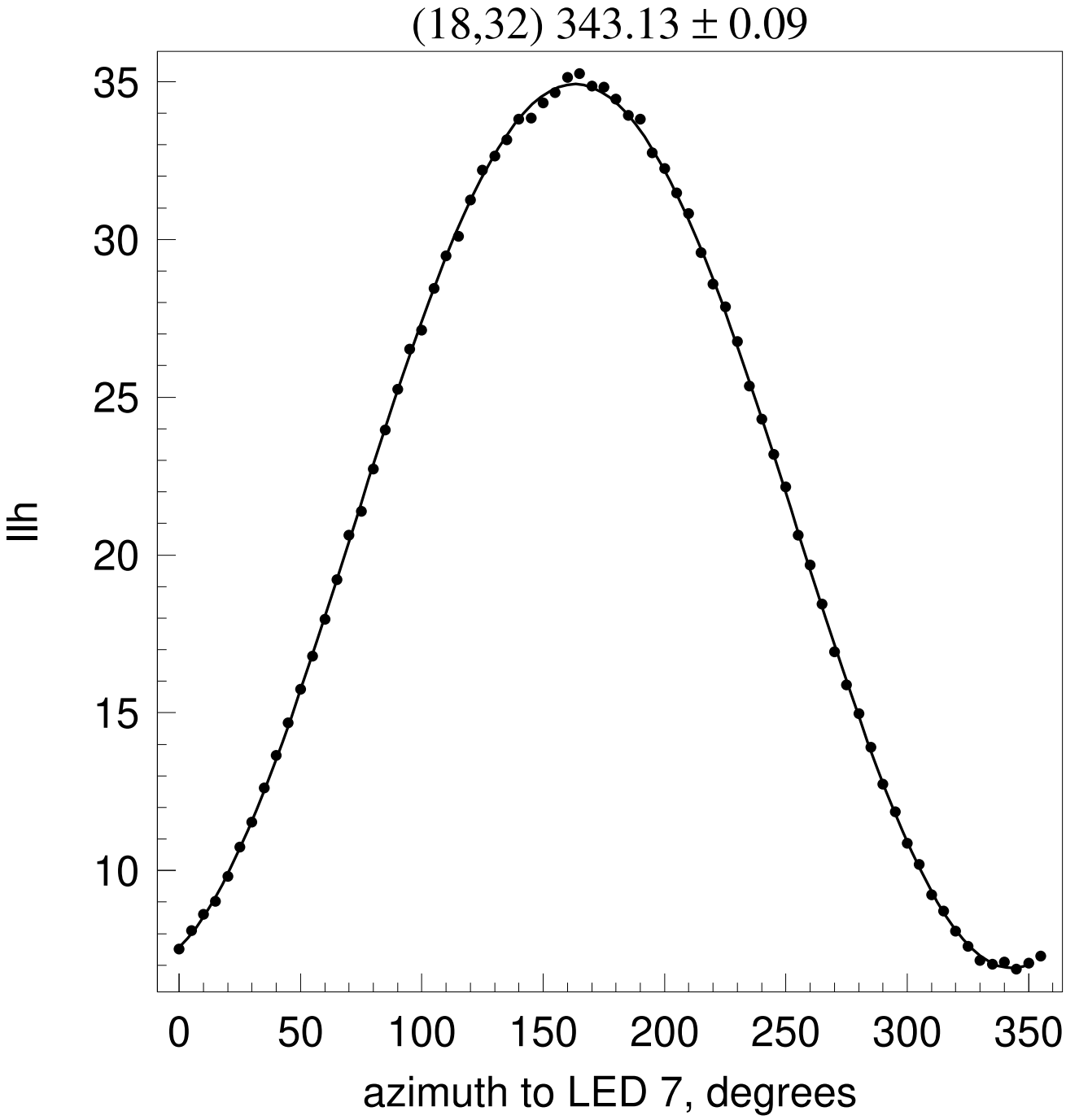

(18,27) 134.23 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

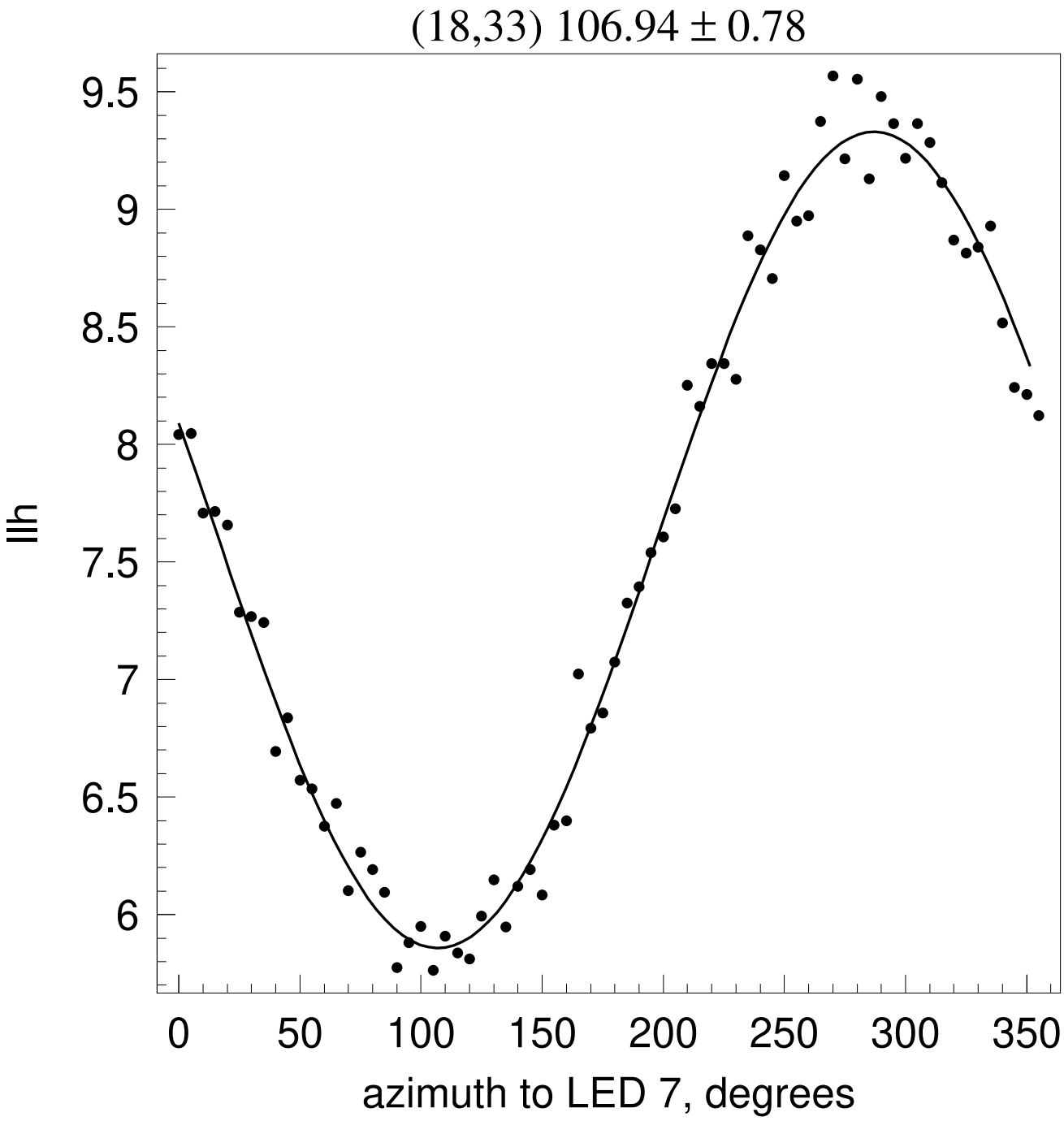

(18,28) 50.52 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

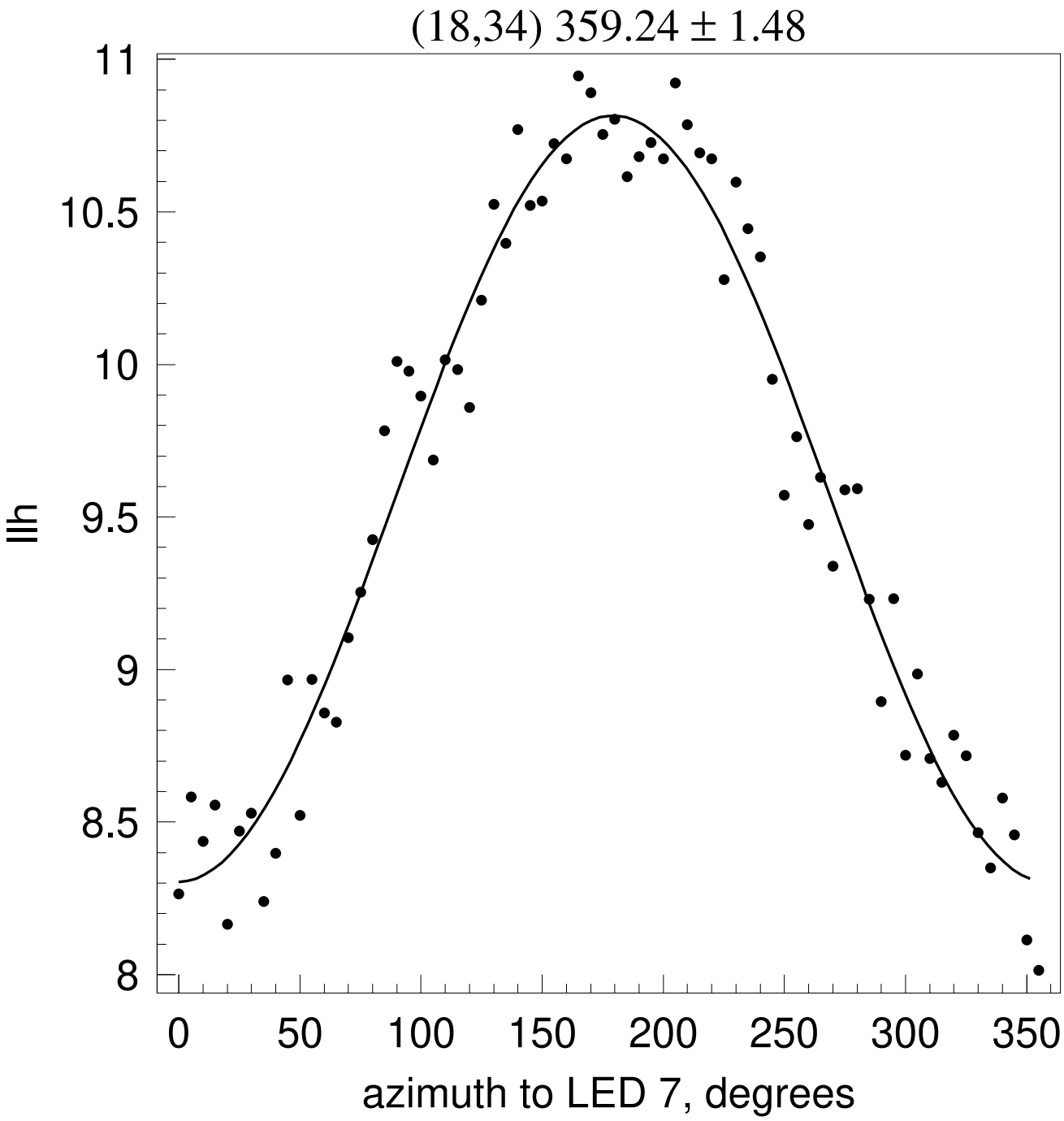

(18,29) 226.46 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

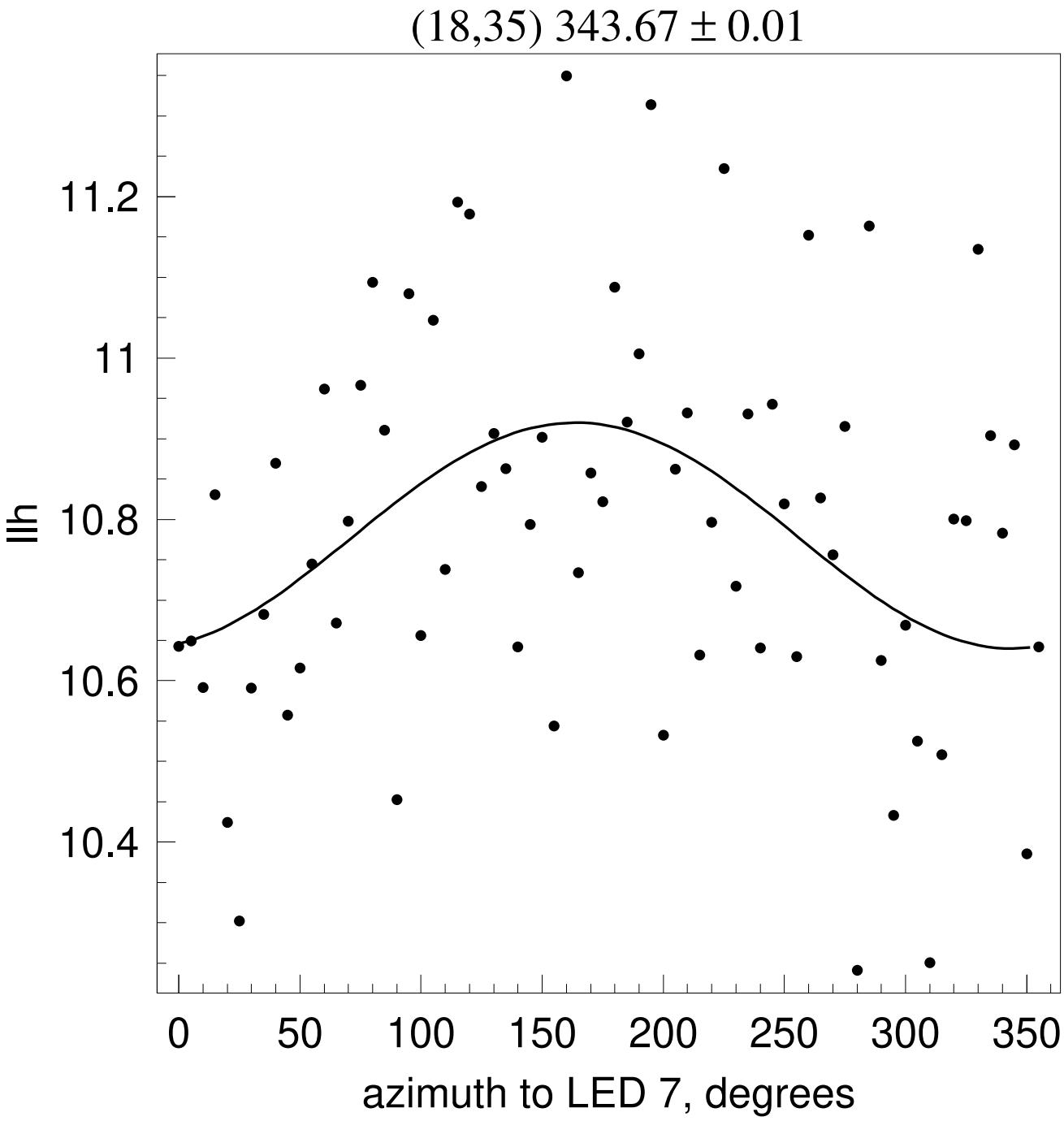

(18,30) 128.63 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

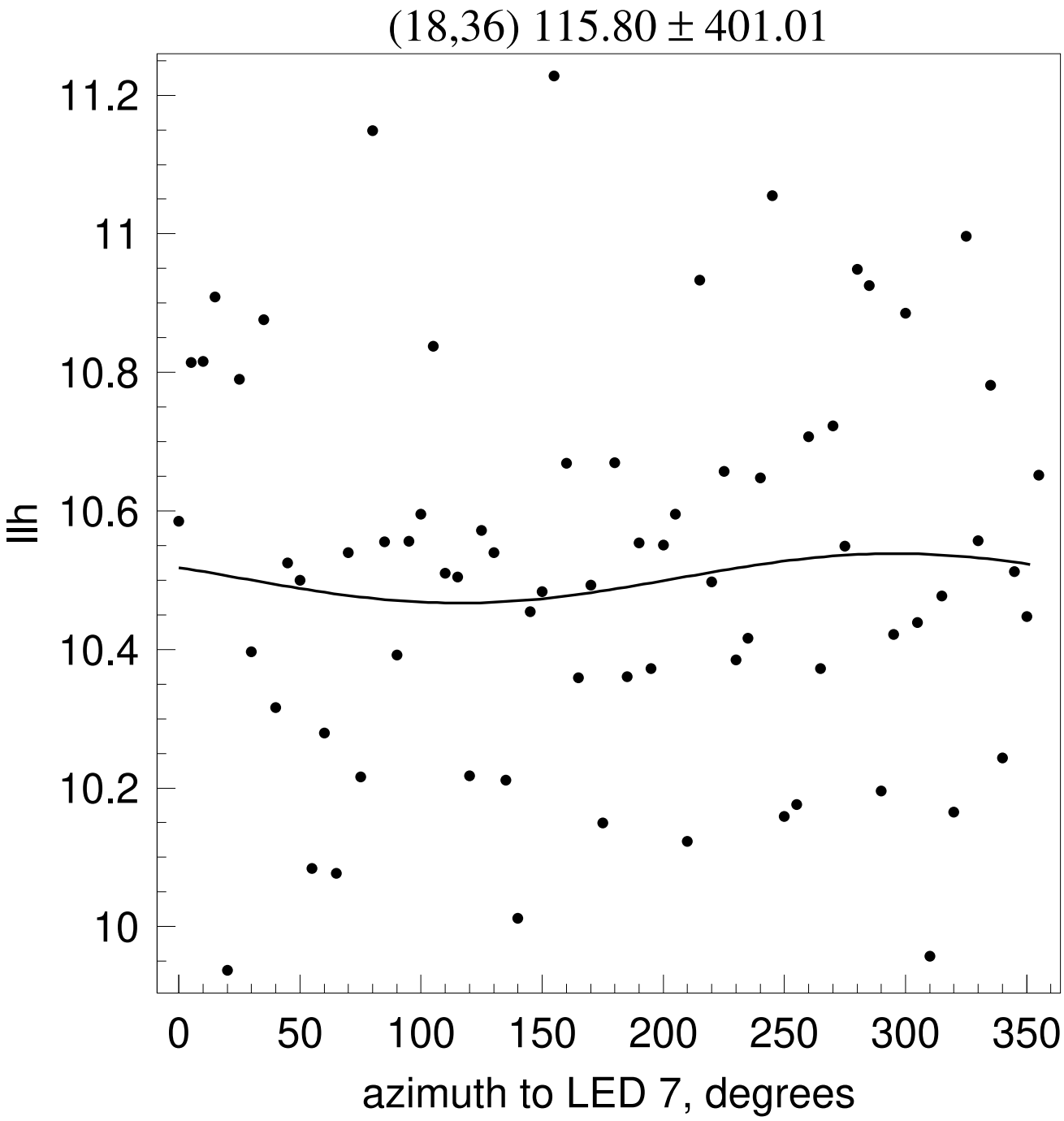

(18,31) 98.37 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

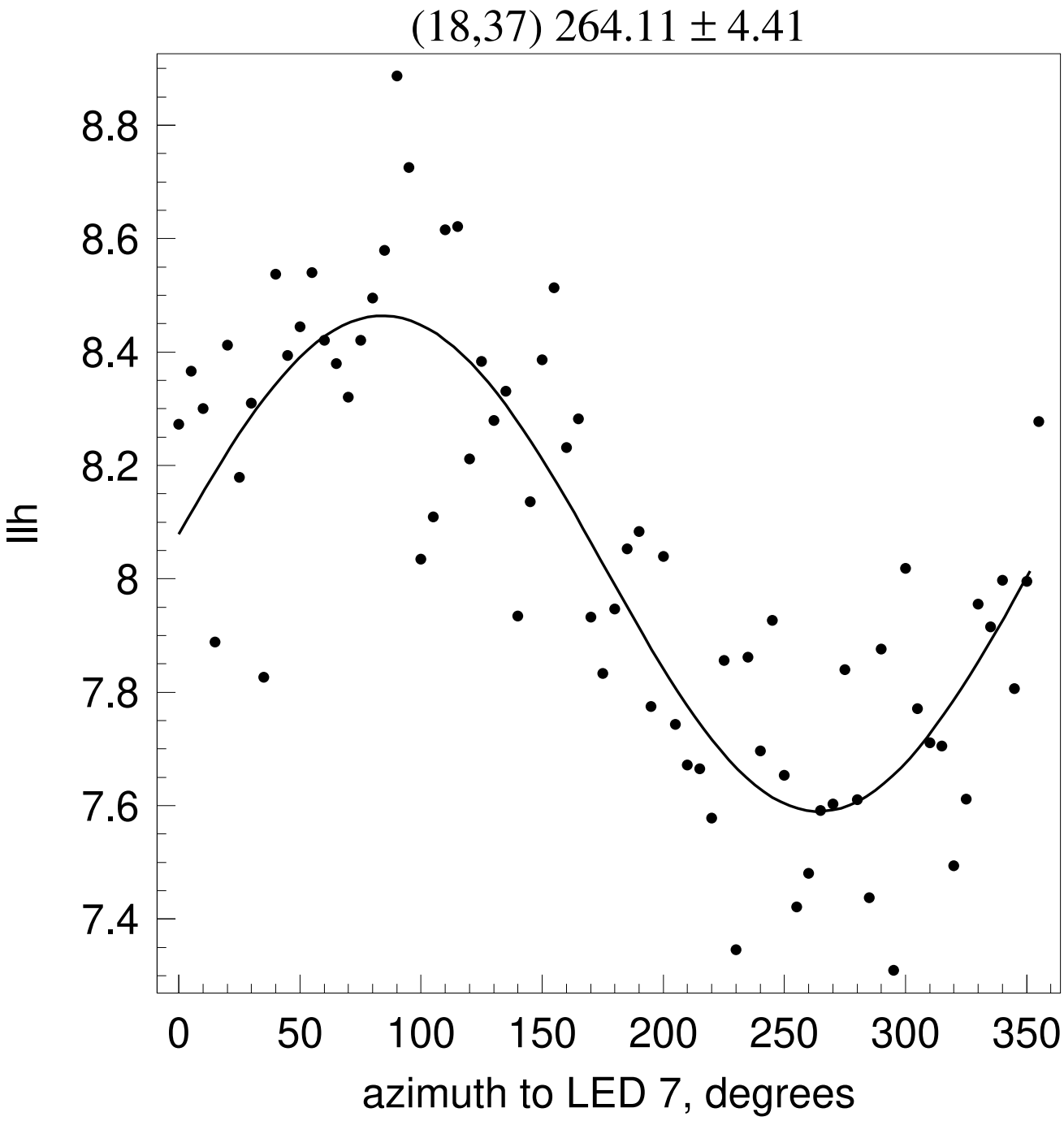

(18,32) 343.13 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

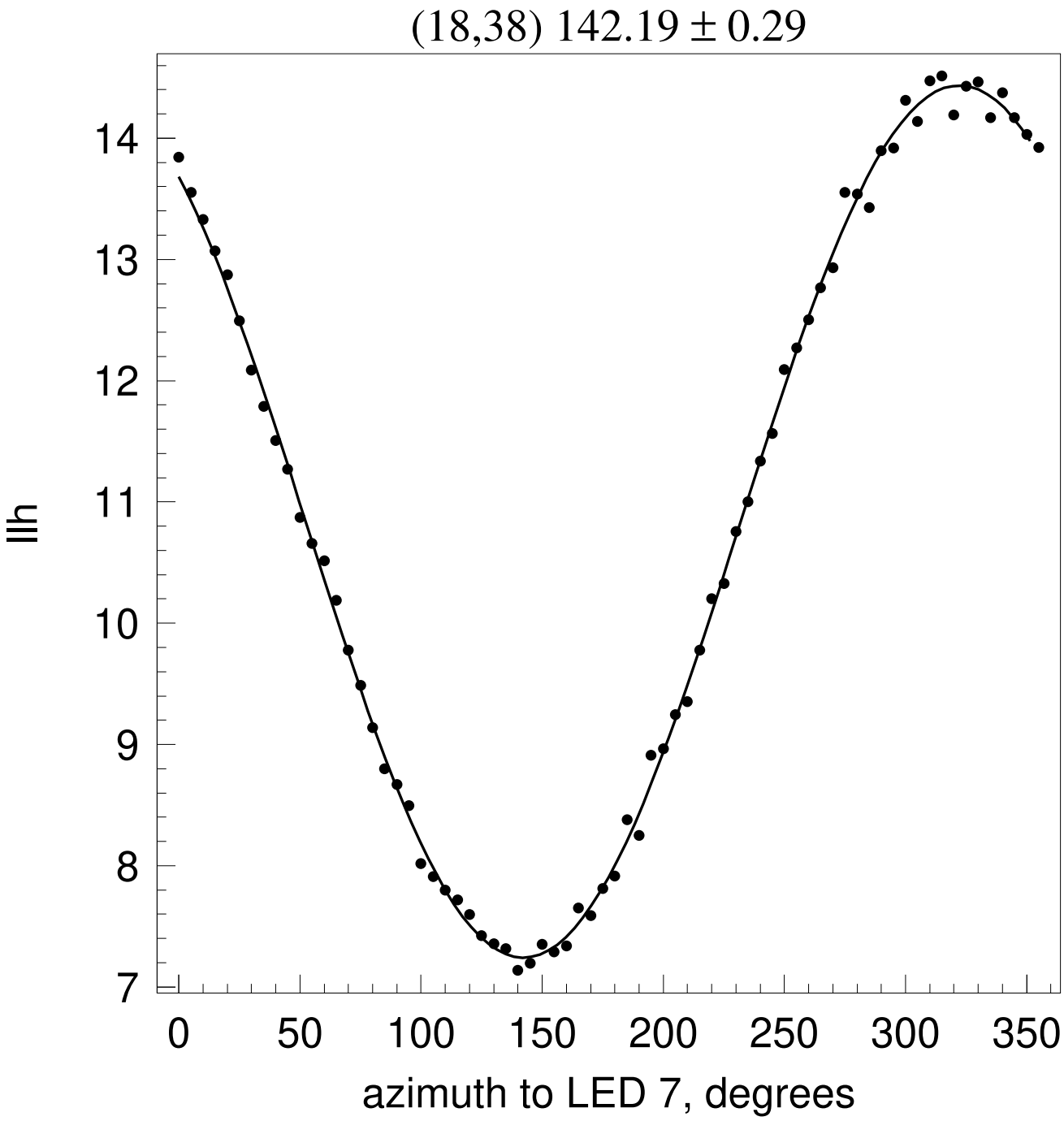

(18,33) 106.94 ± 0.78
9.5
9
8.5
8
7.5
7
6.5
6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

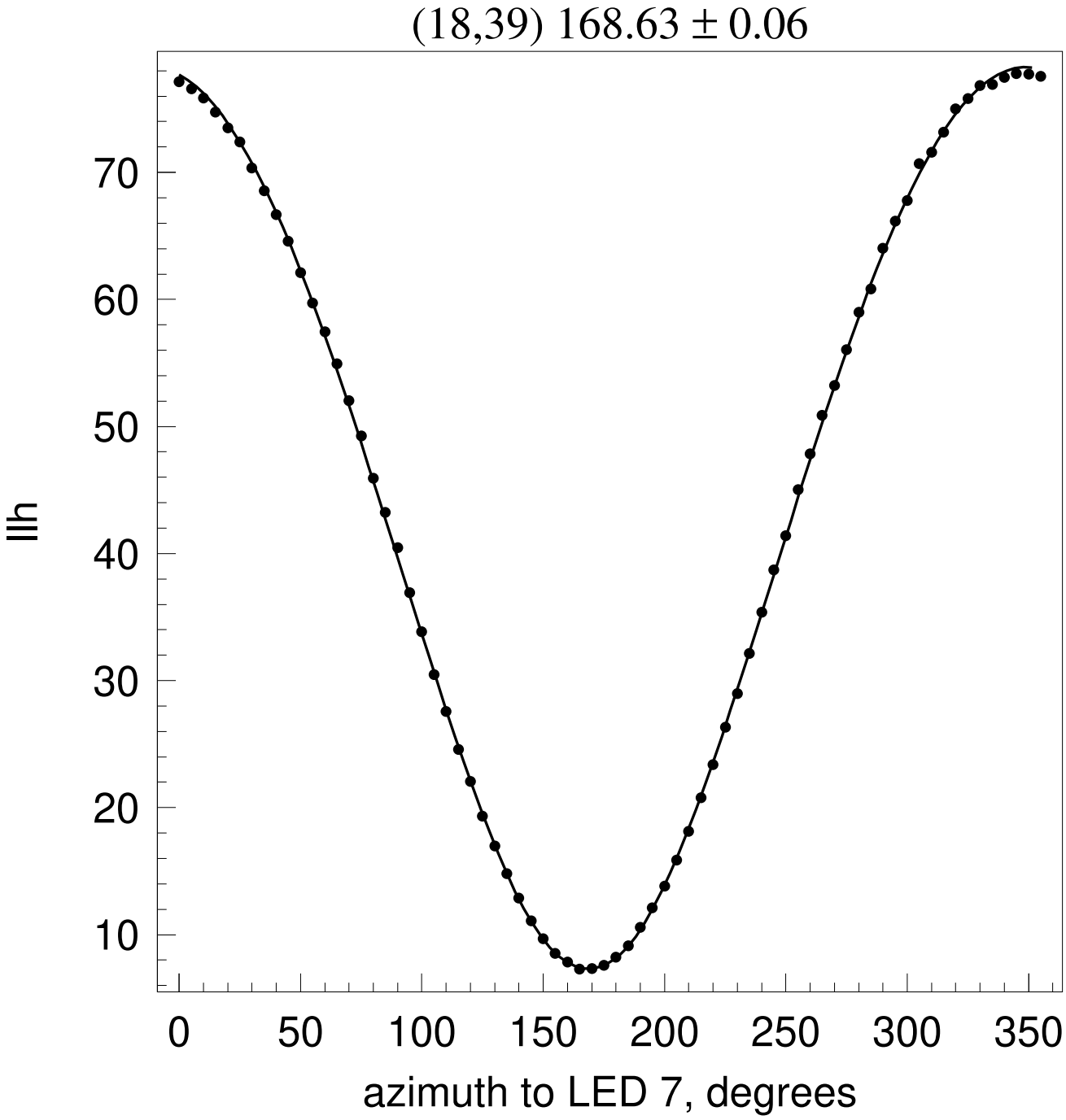

(18,34) 359.24 ± 1.48
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

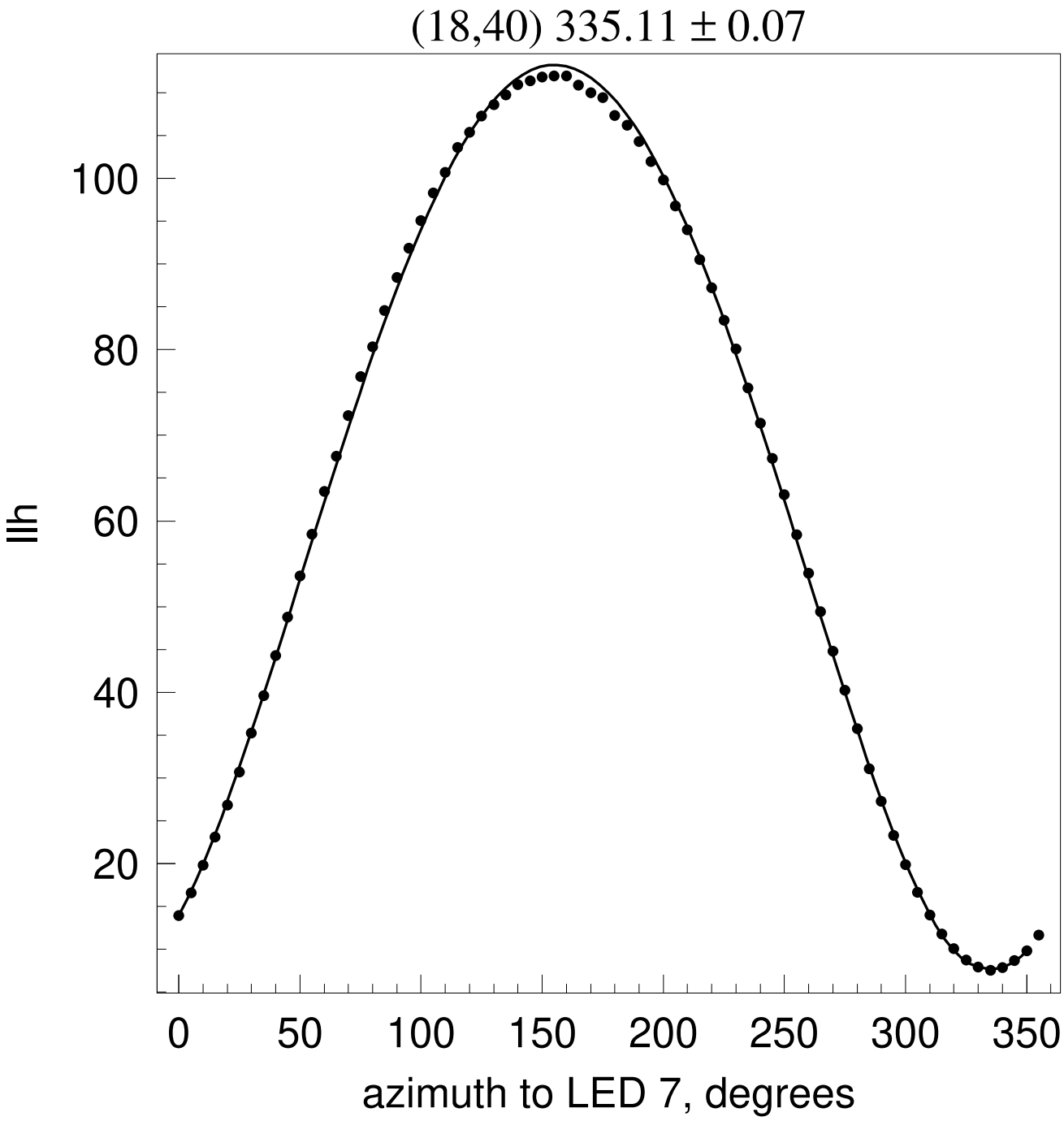

(18,35) 343.67 ± 0.01
11.2
11
10.8
10.6
10.4
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

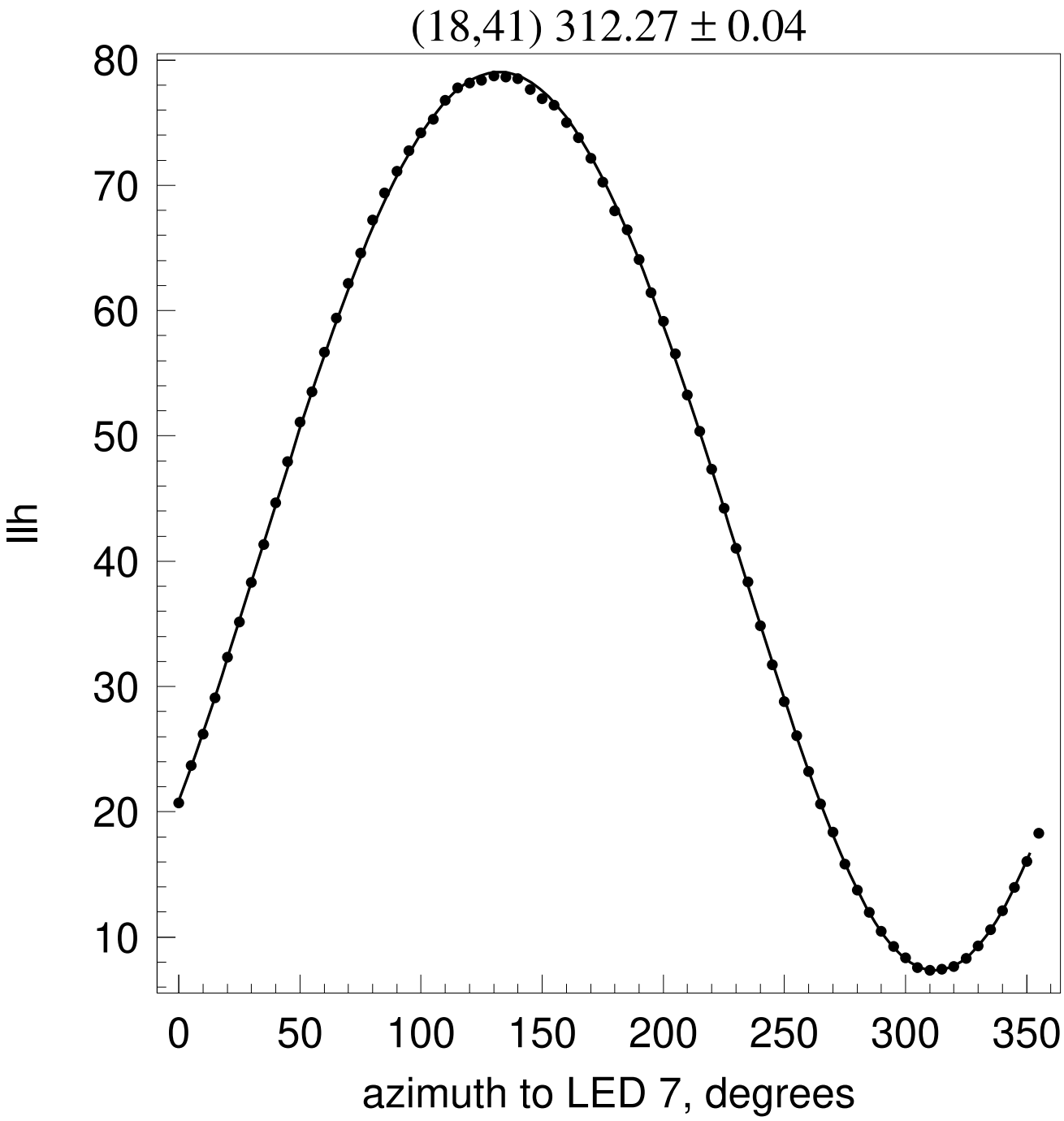

(18,36) 115.80 ± 401.01
11.2
11
10.8
10.6
10.4
10.2
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

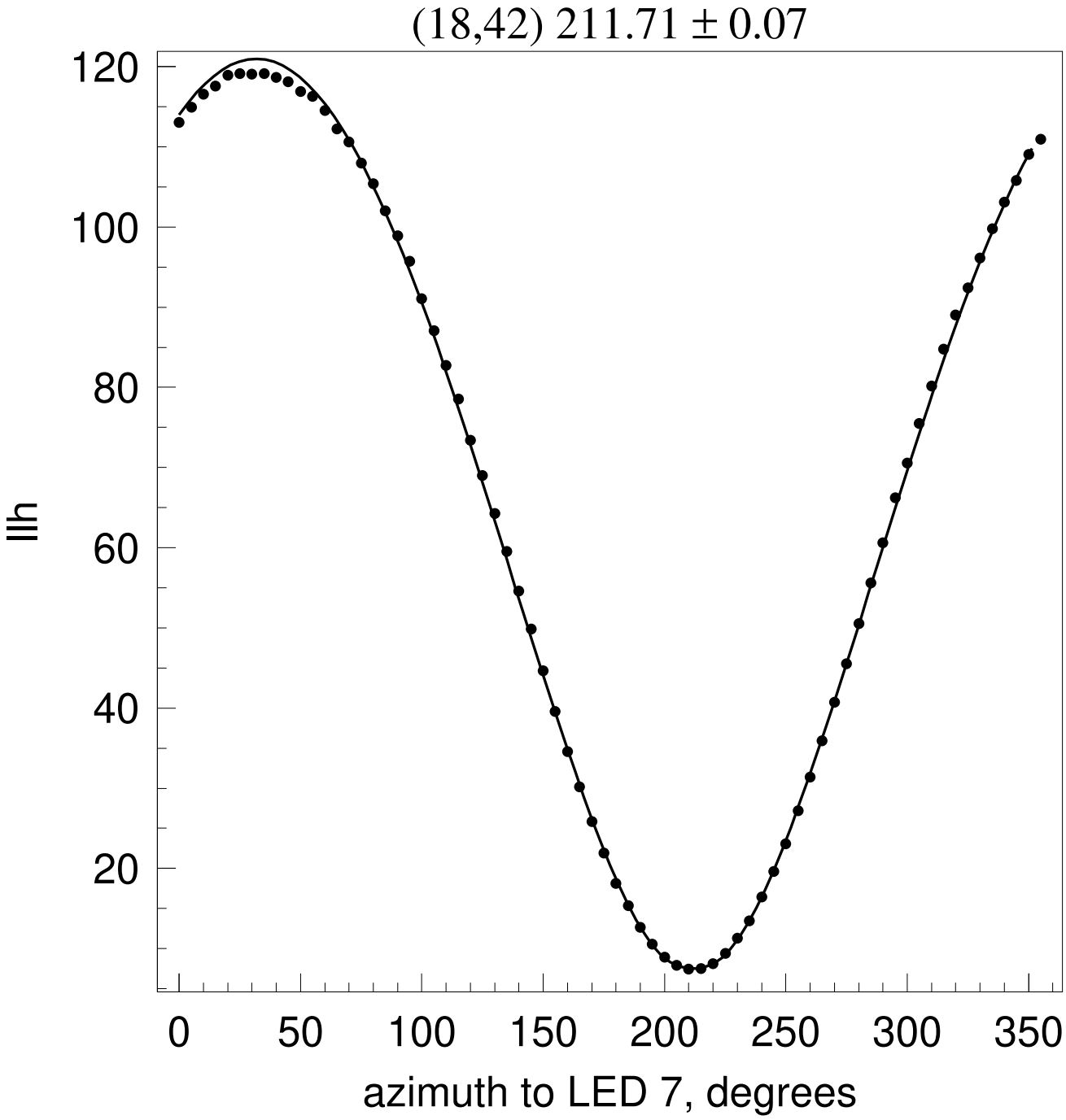

(18,37) 264.11 ± 4.41
8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

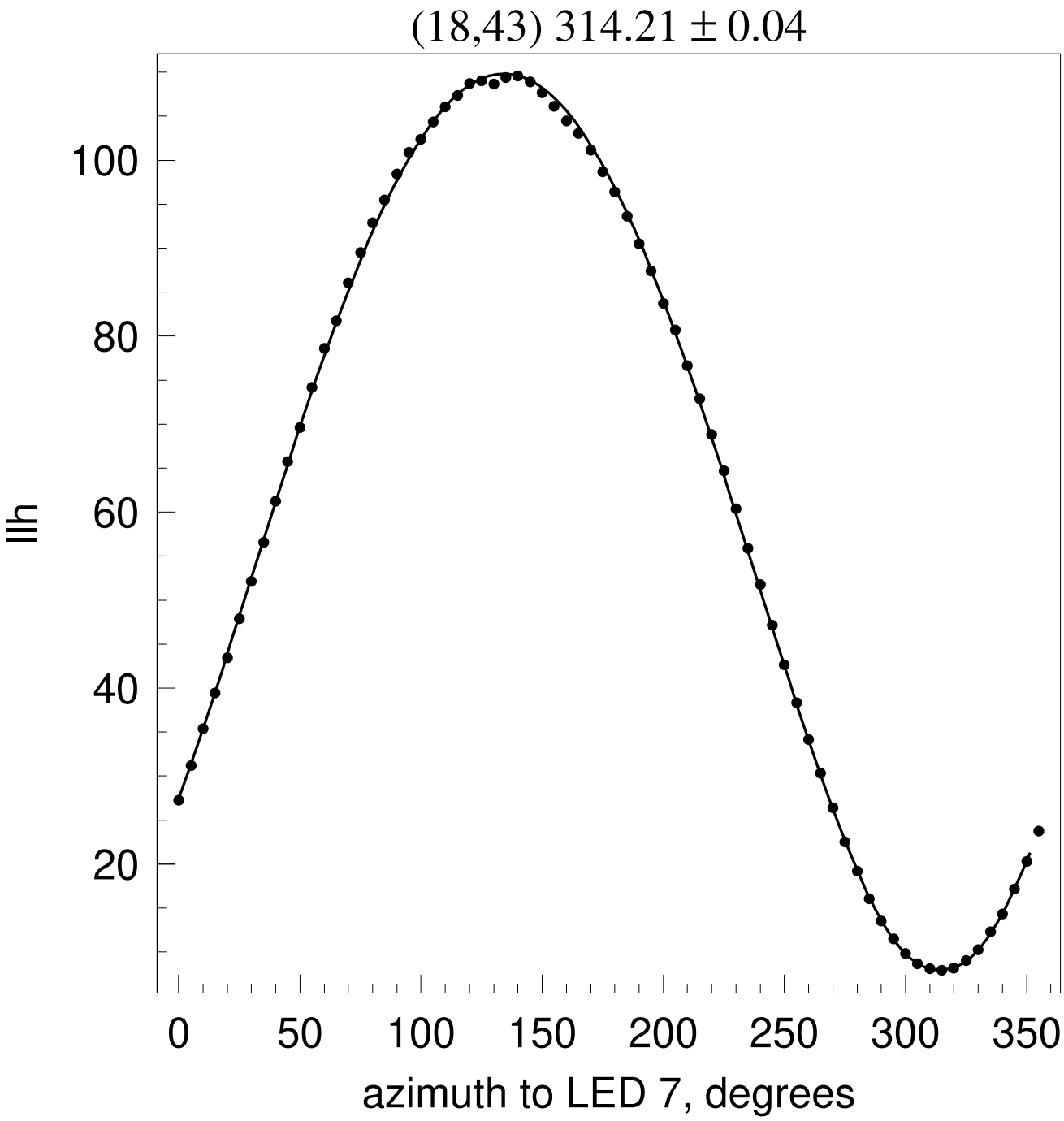

(18,38) 142.19 ± 0.29
14
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

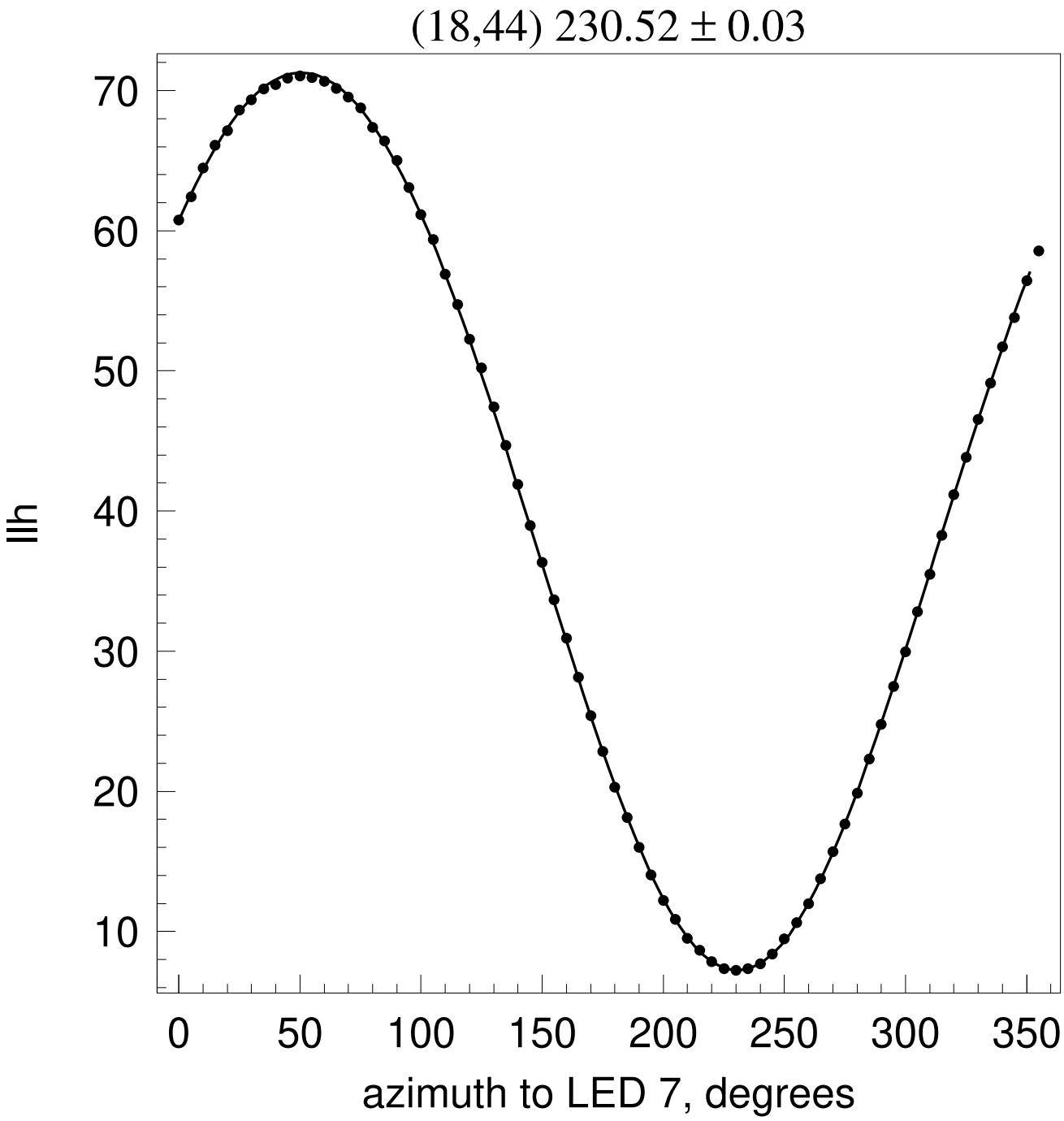

(18,39) 168.63 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

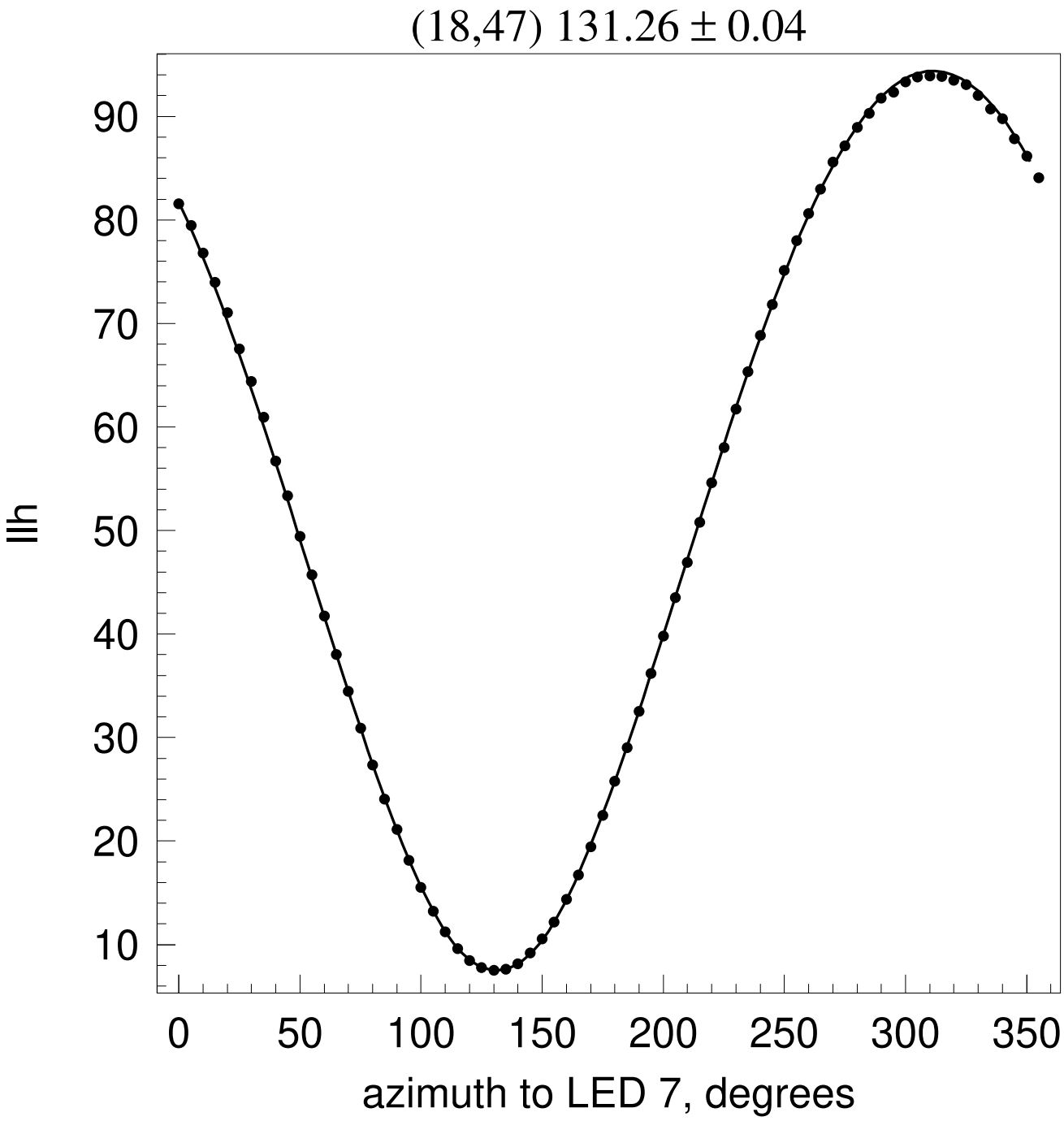

(18,40) 335.11 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

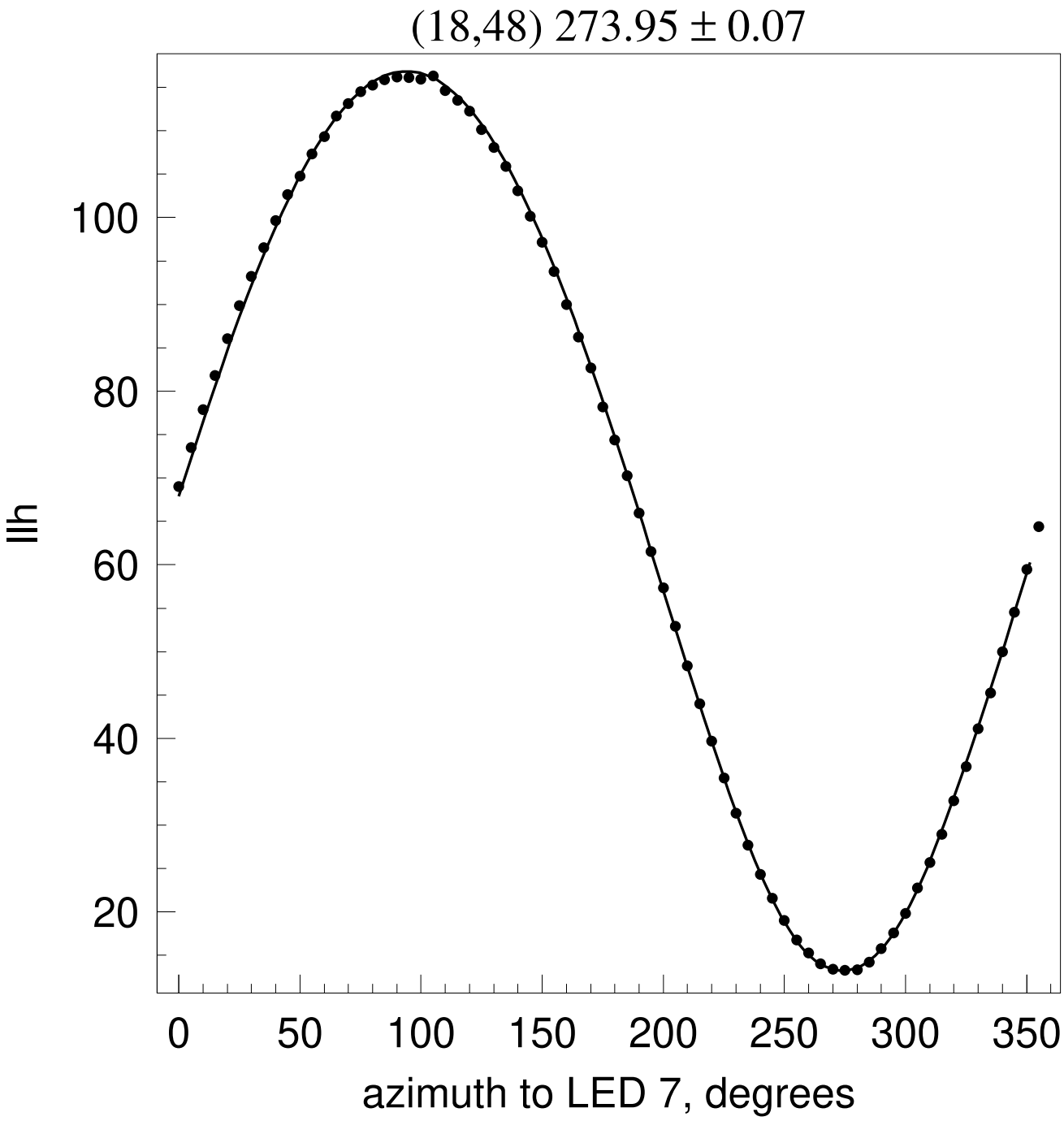

(18,41) 312.27 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

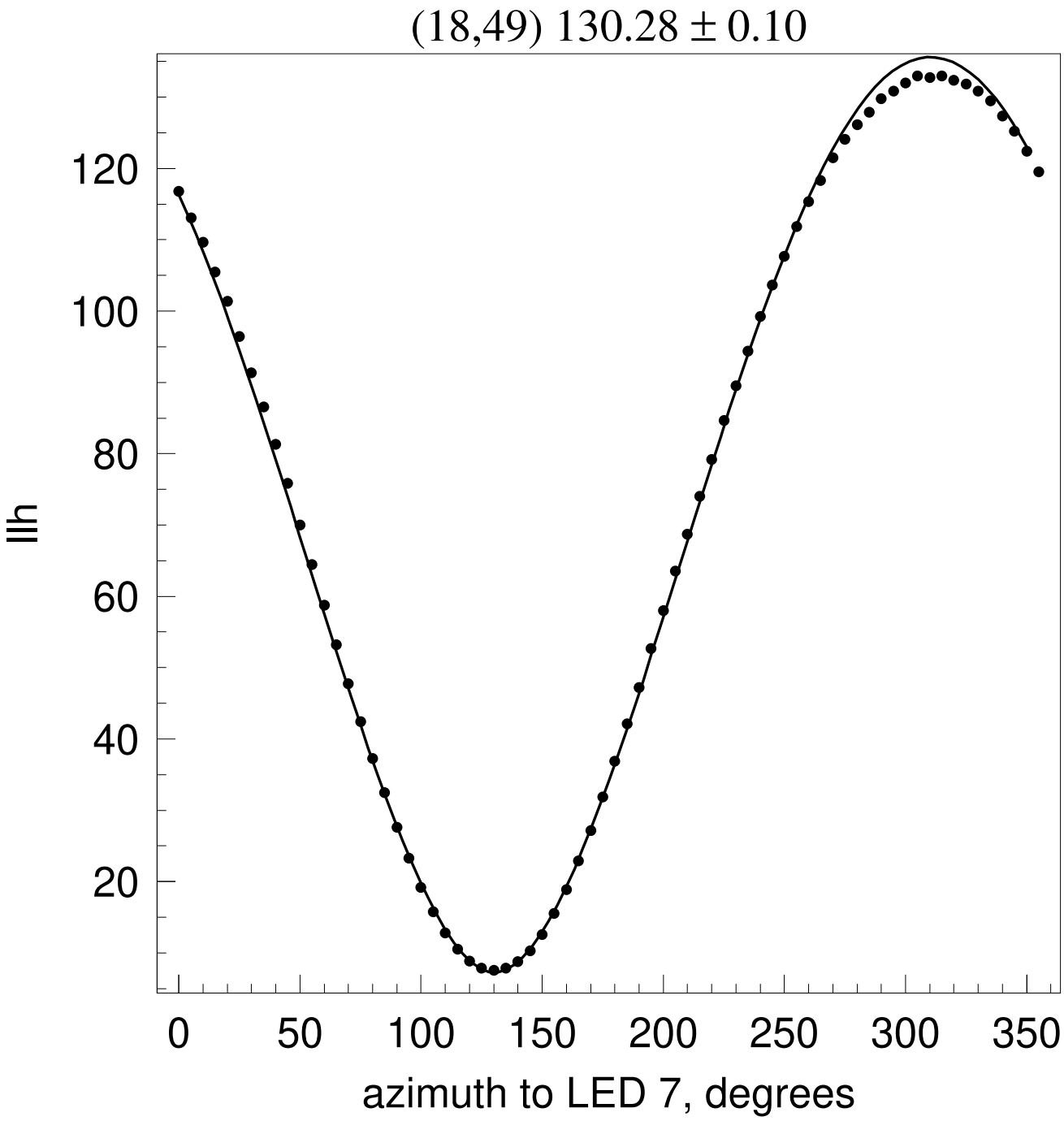

(18,42) 211.71 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

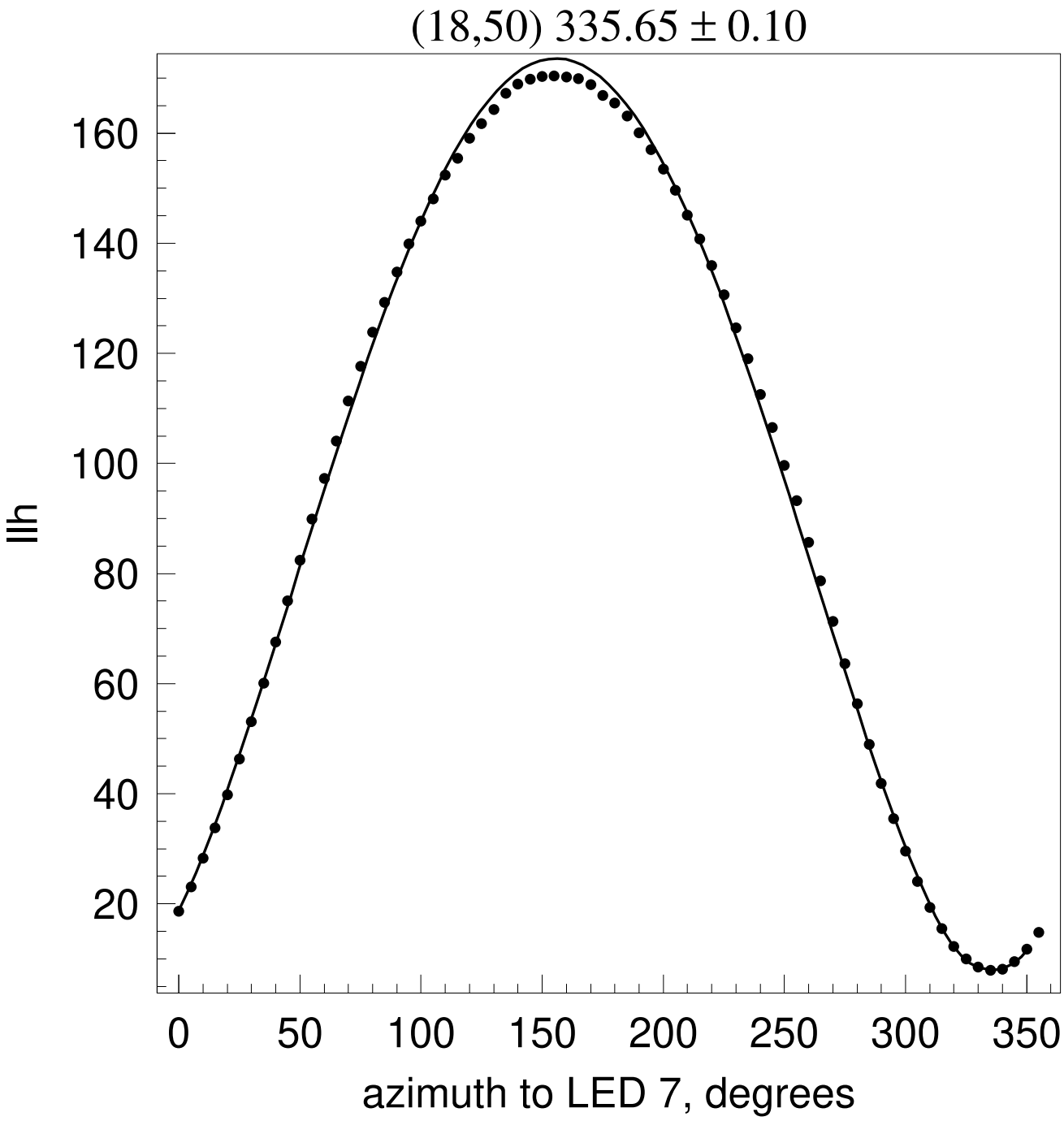

(18,43) 314.21 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

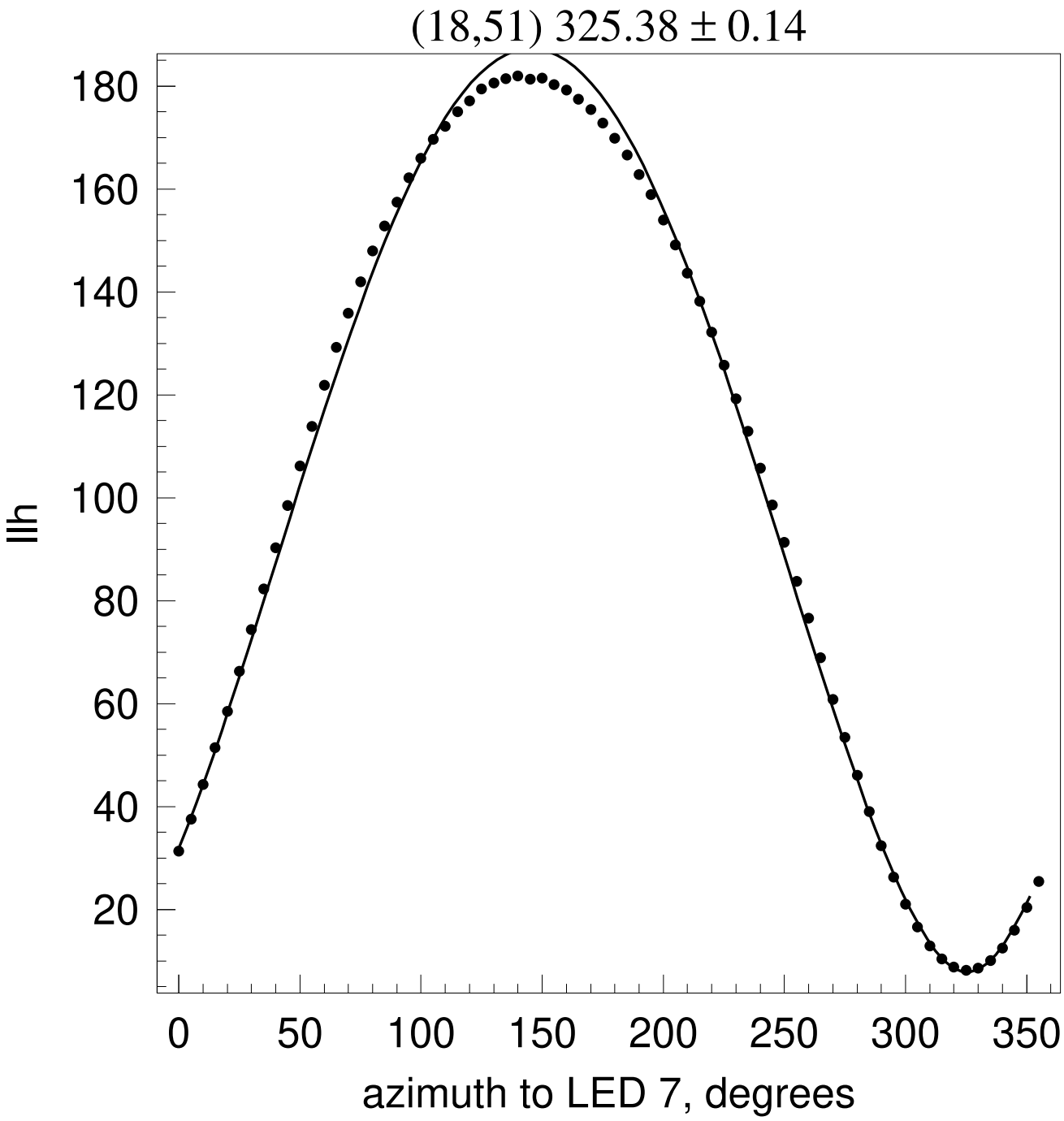

(18,44) 230.52 ± 0.03
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

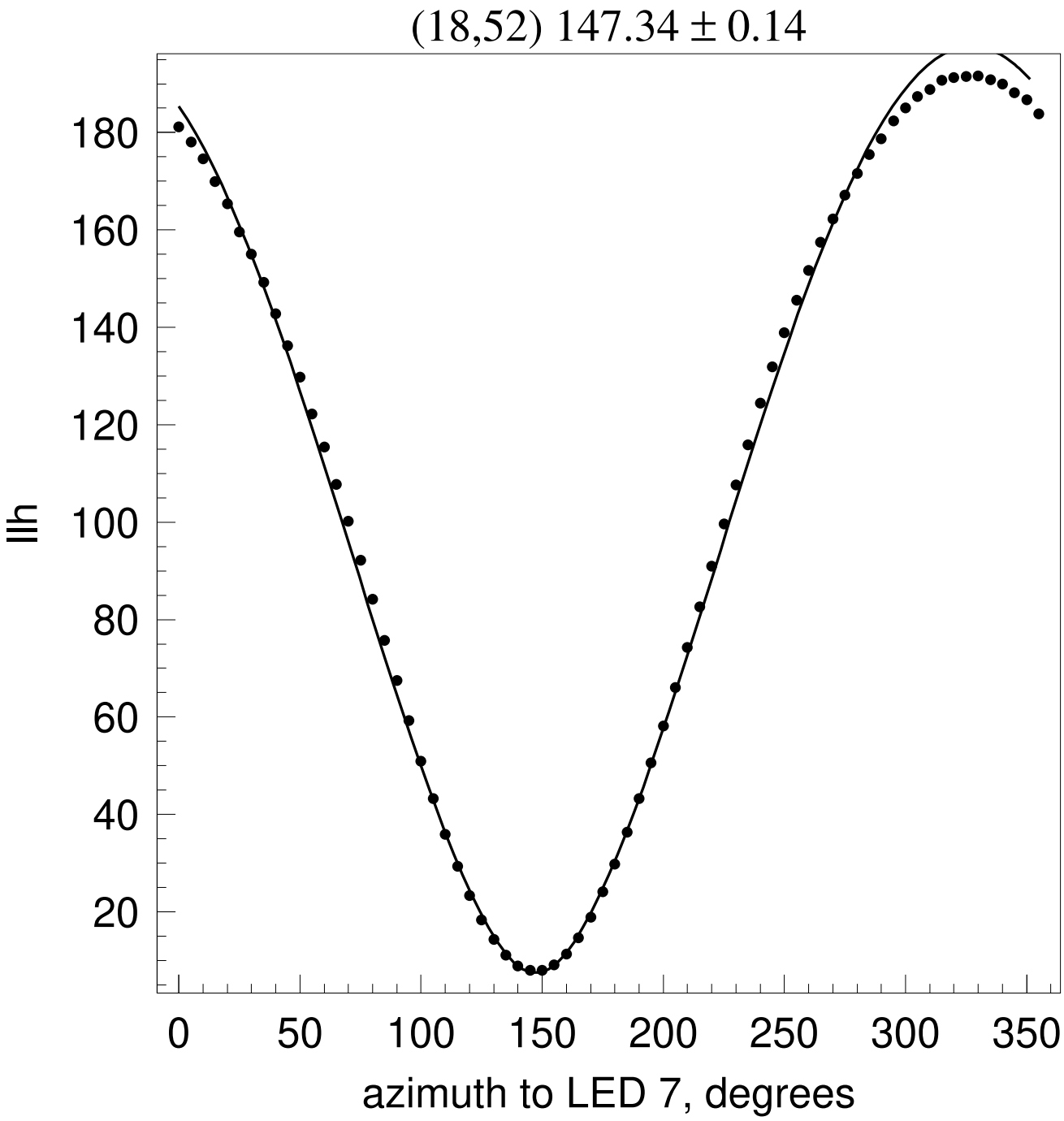

(18,47) 131.26 ± 0.04
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

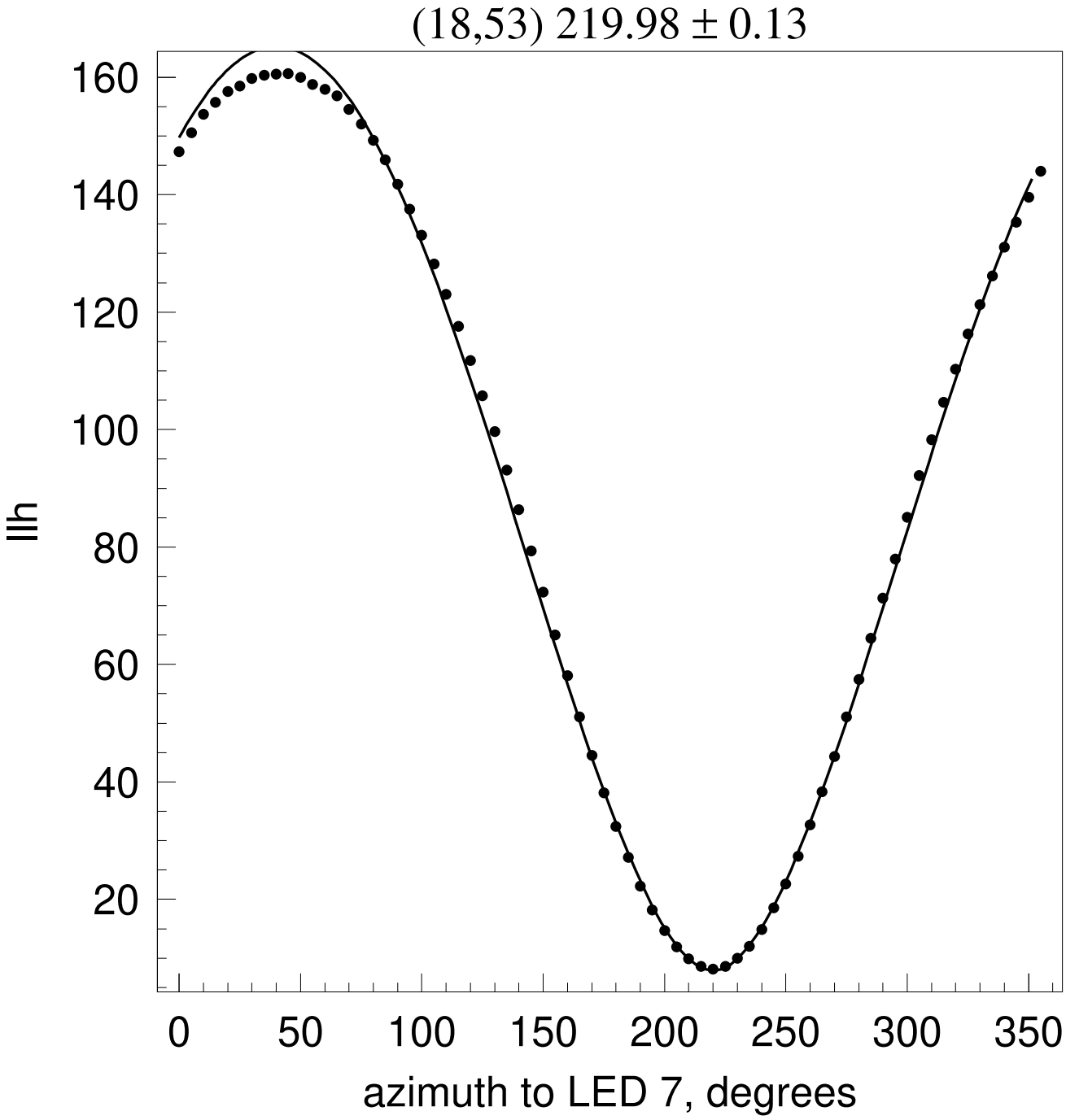

(18,48) 273.95 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

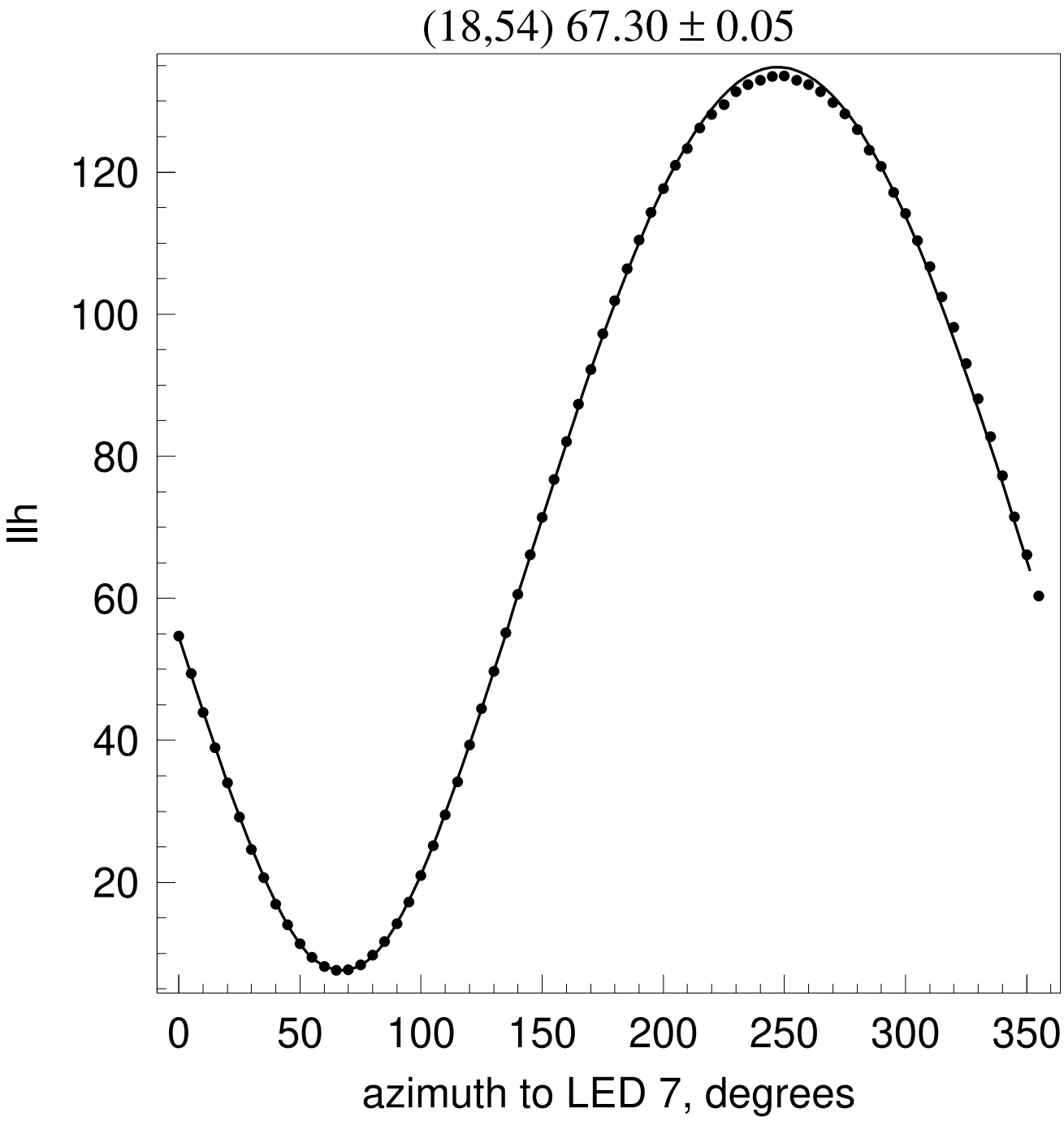

(18,49) 130.28 ± 0.10
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

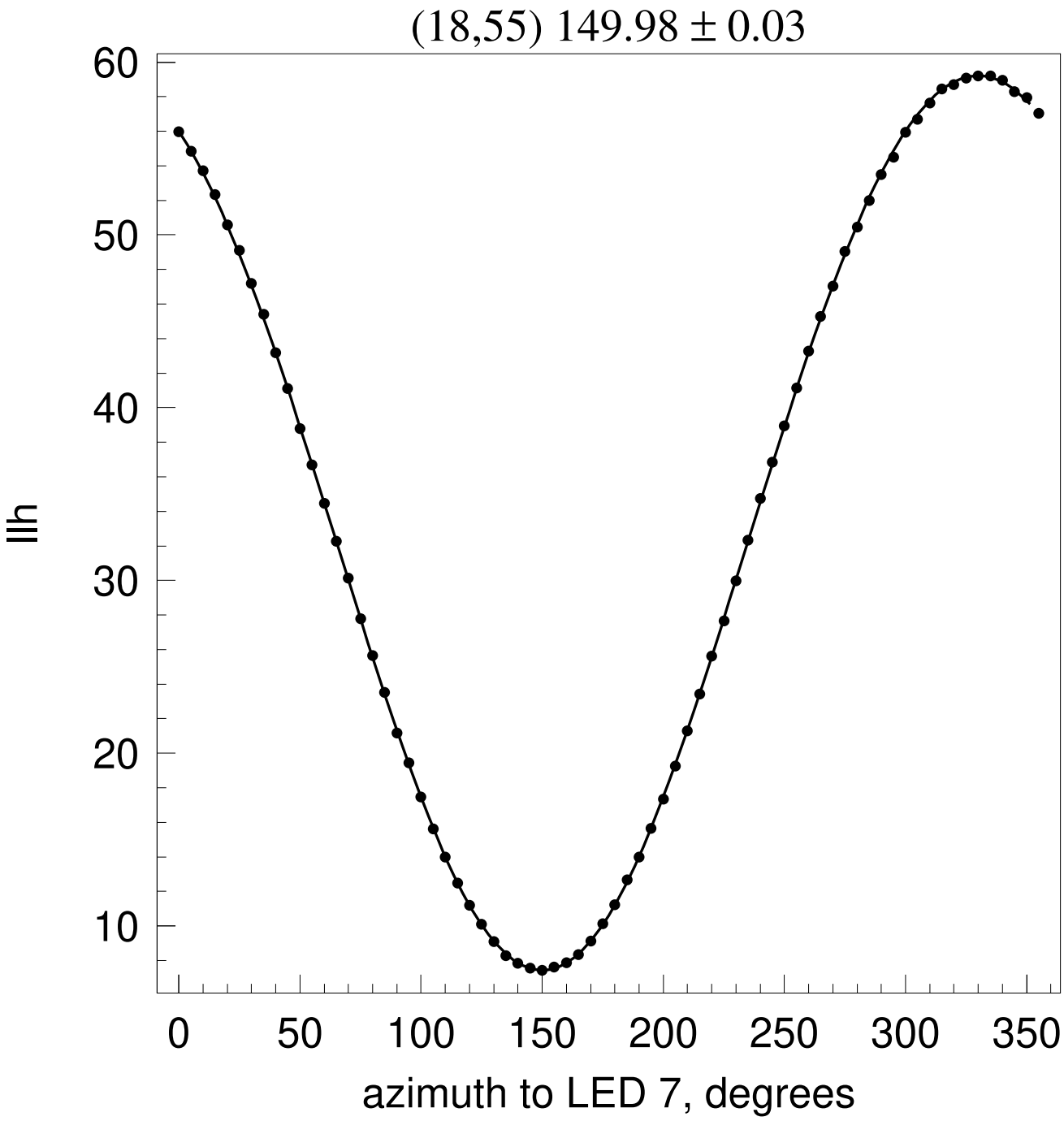

(18,50) 335.65 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

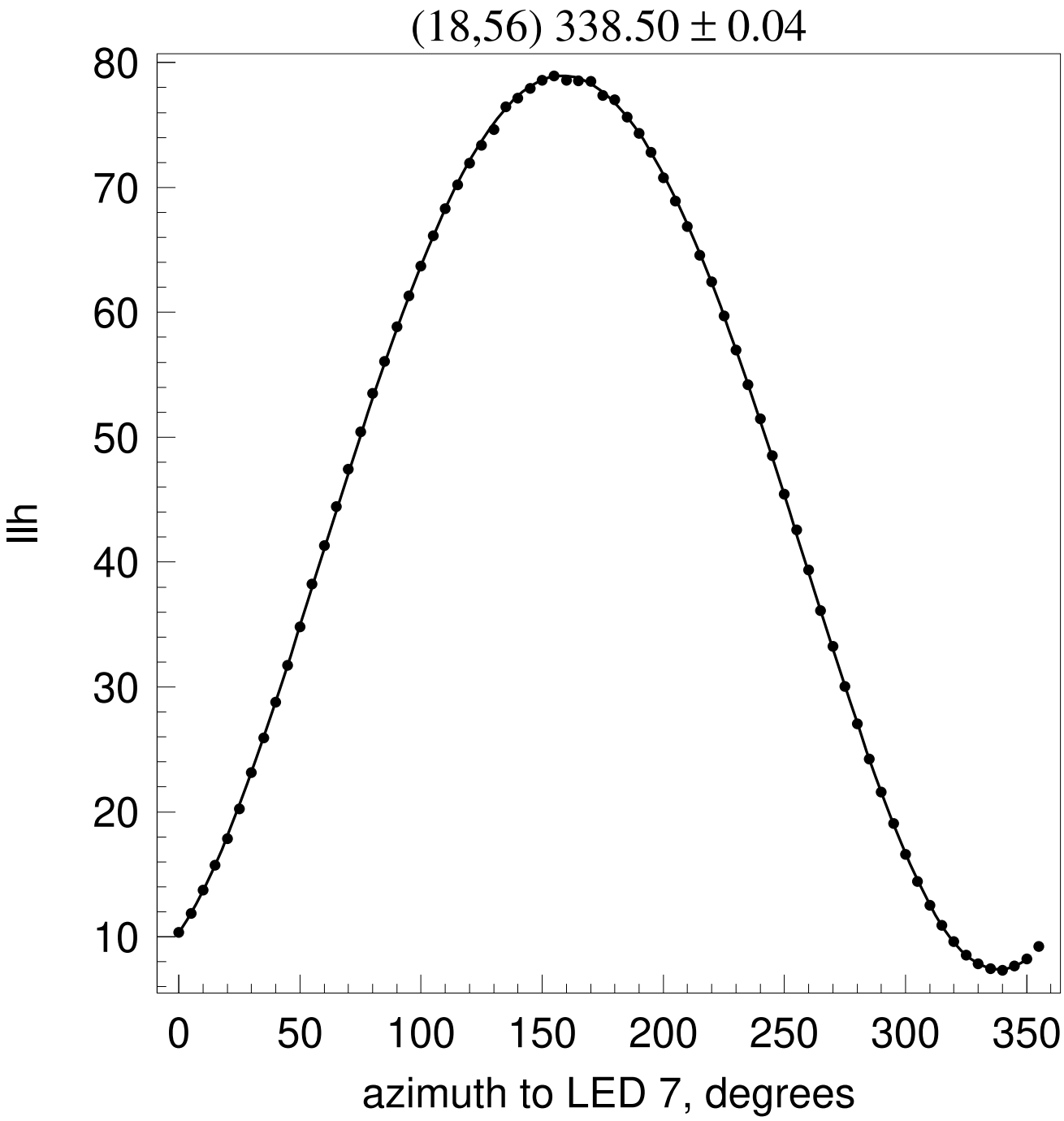

(18,51) 325.38 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

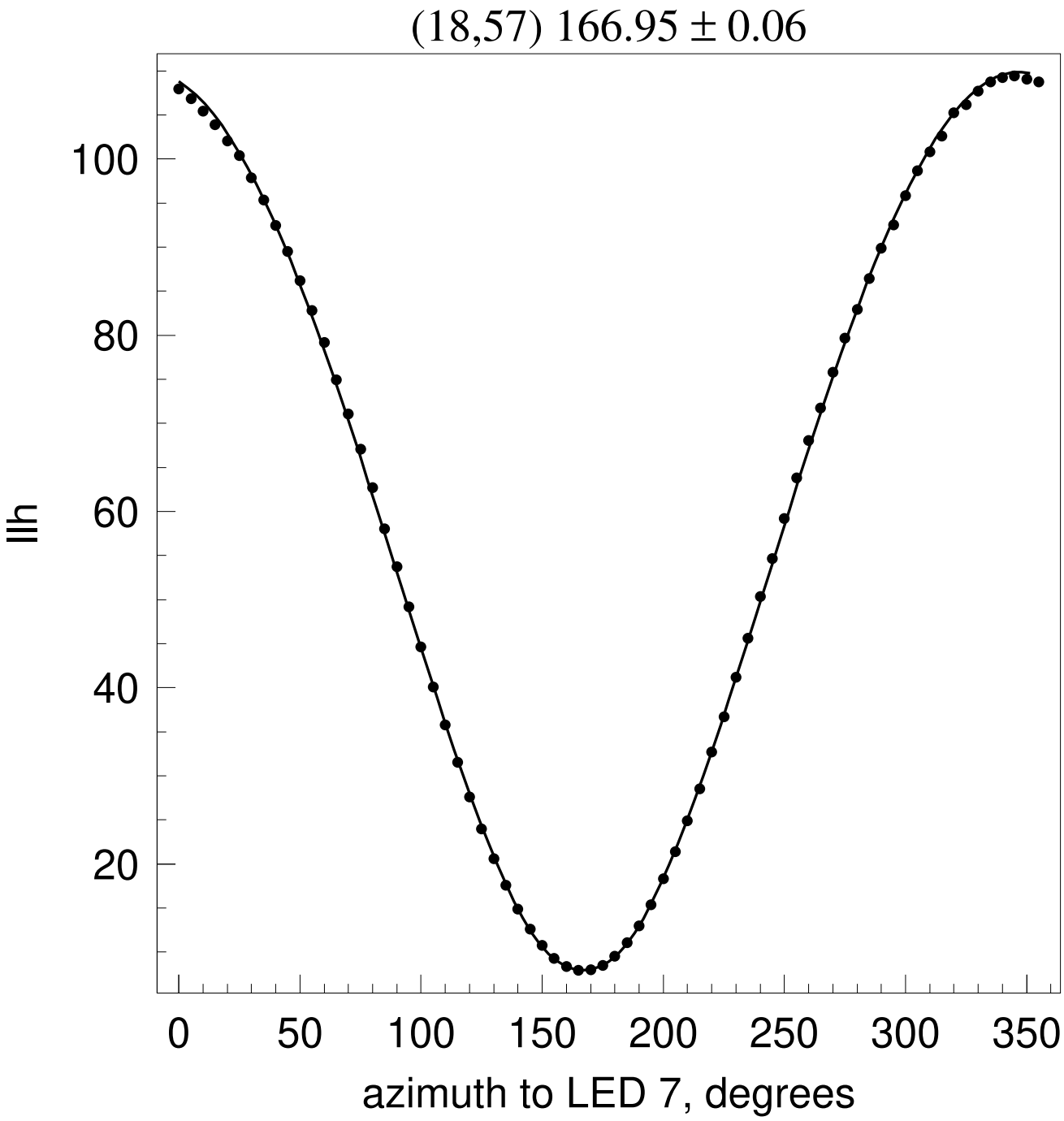

(18,52) 147.34 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

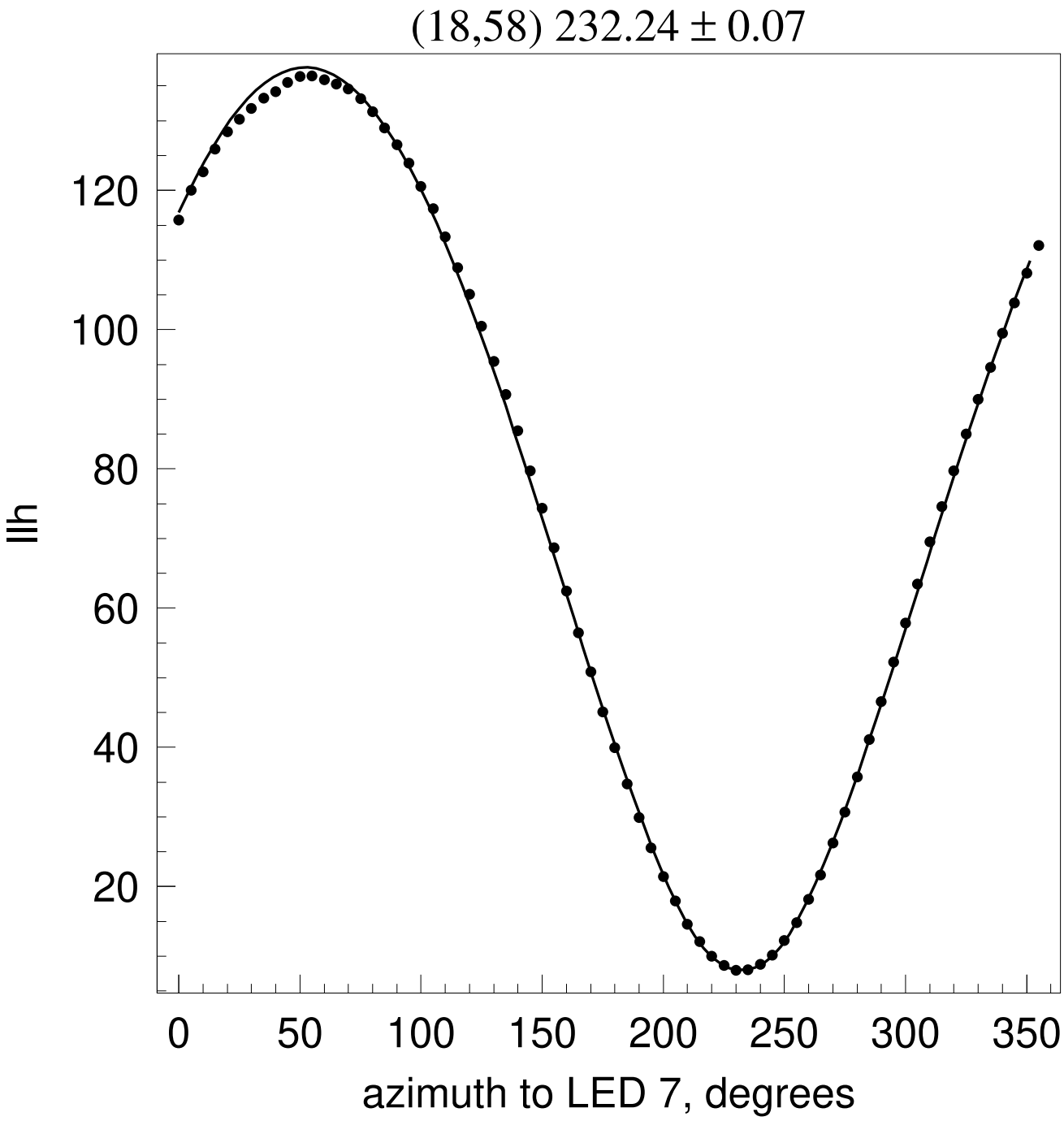

(18,53) 219.98 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

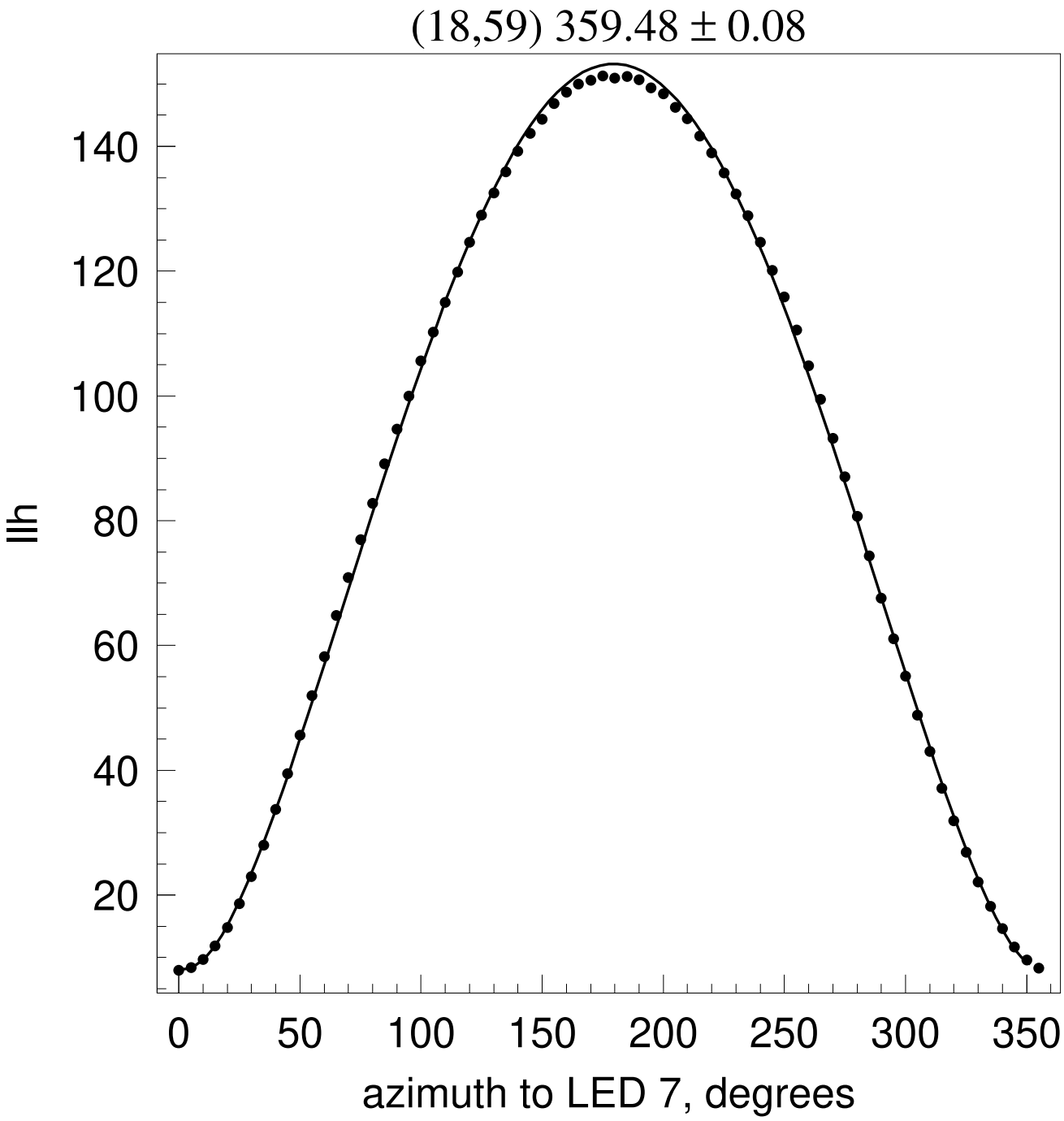

(18,54) 67.30 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

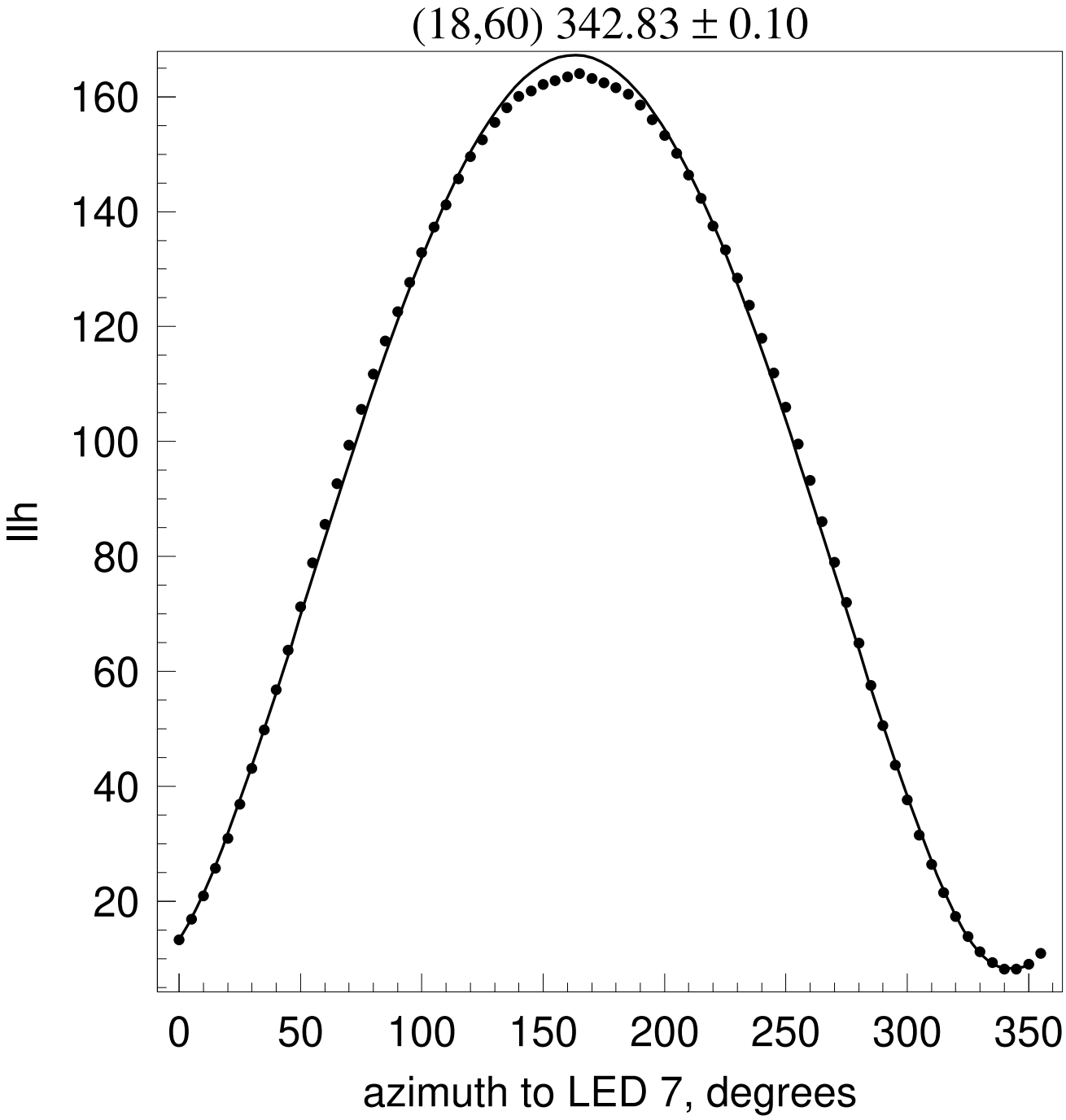

(18,55) 149.98 ± 0.03
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

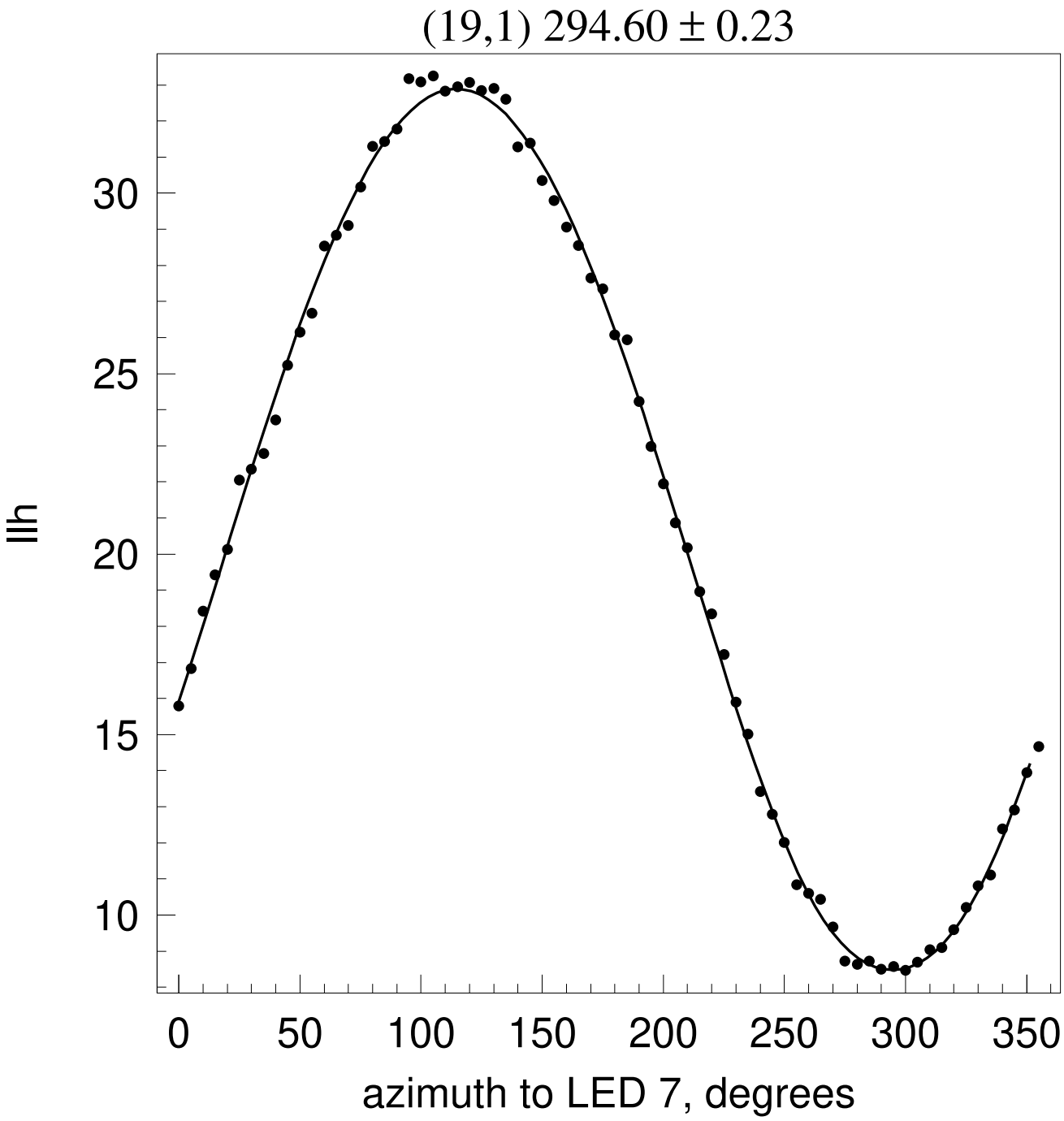

(18,56) 338.50 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

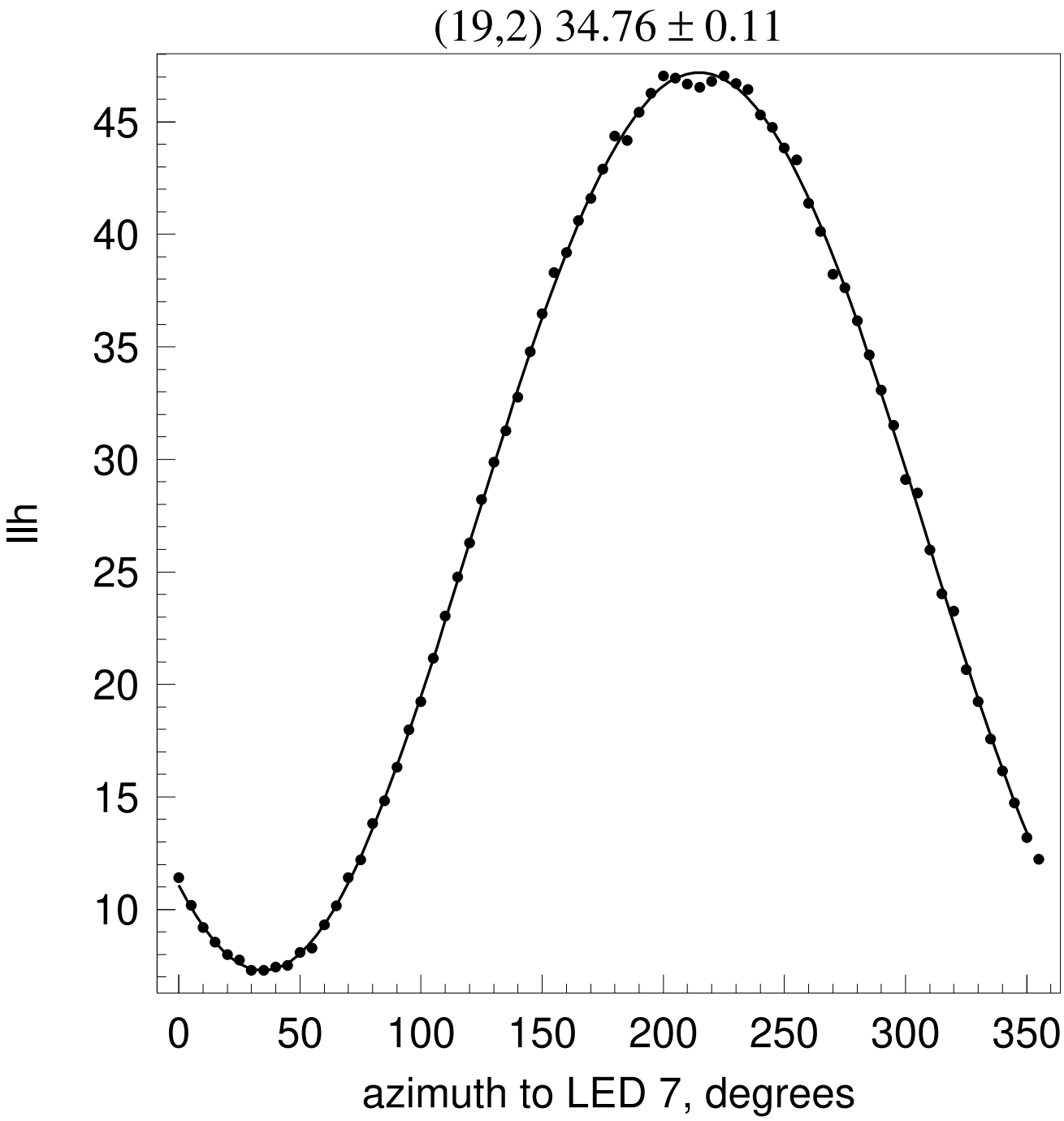

(18,57) 166.95 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

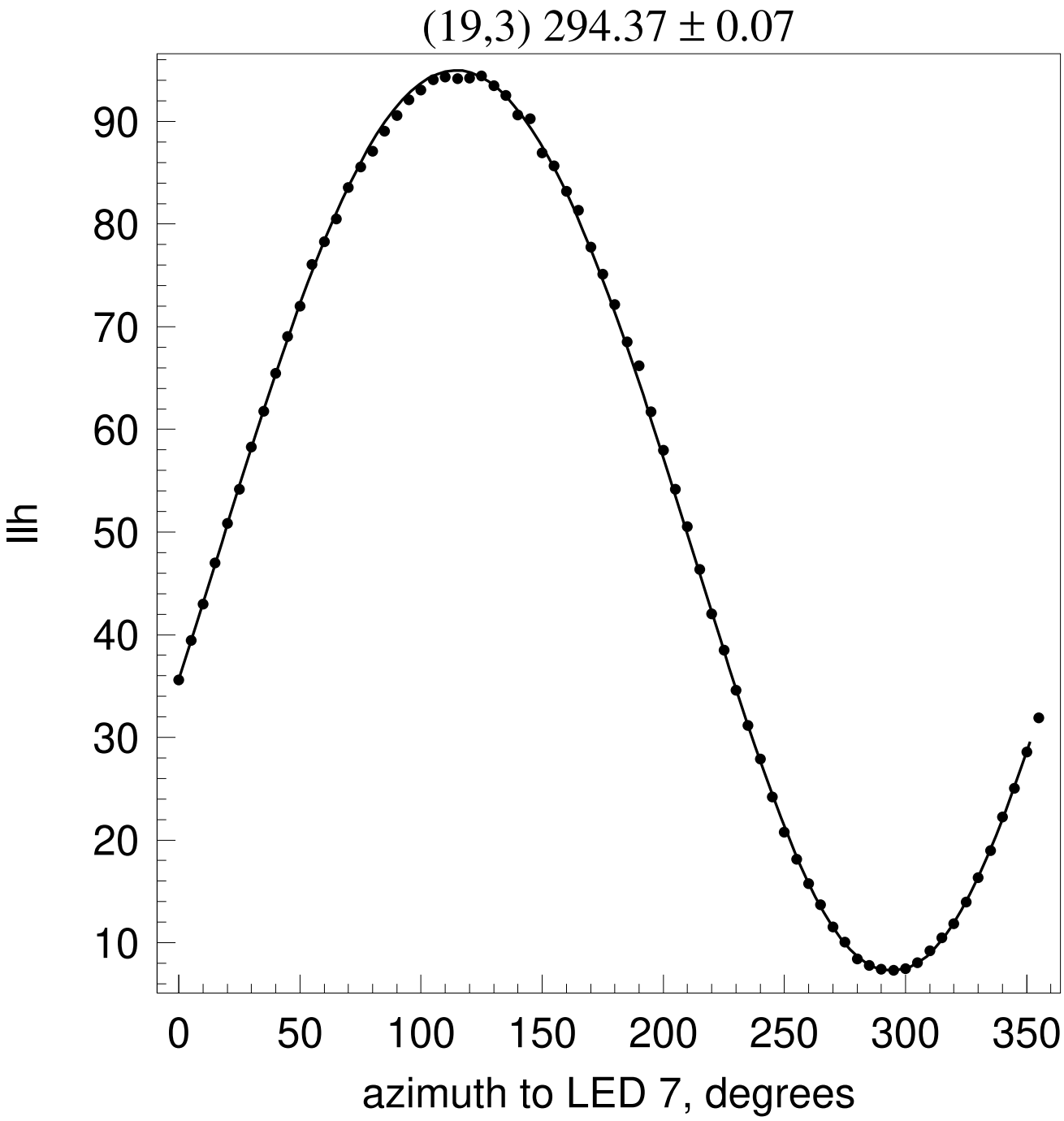

(18,58) 232.24 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

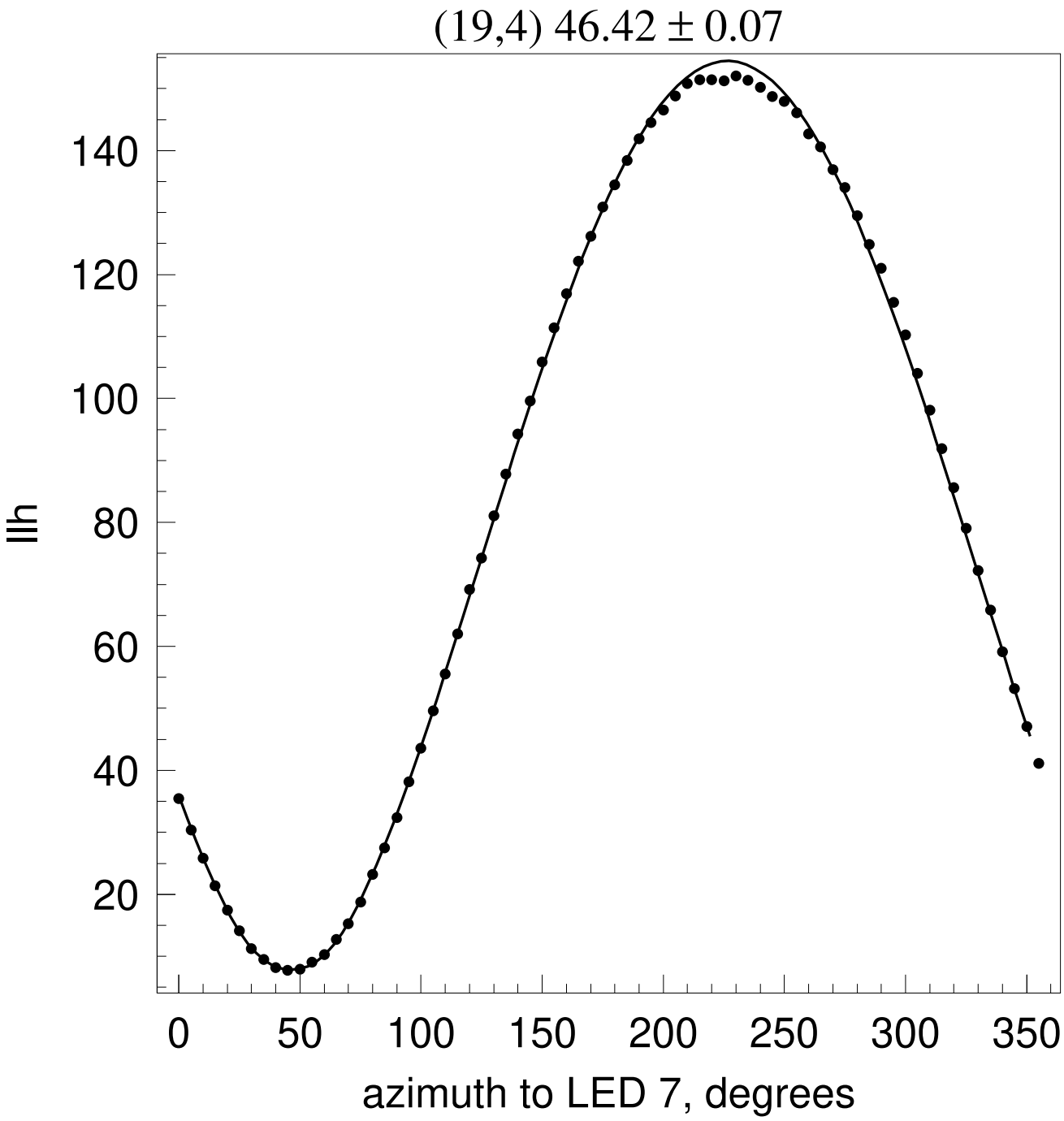

(18,59) 359.48 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

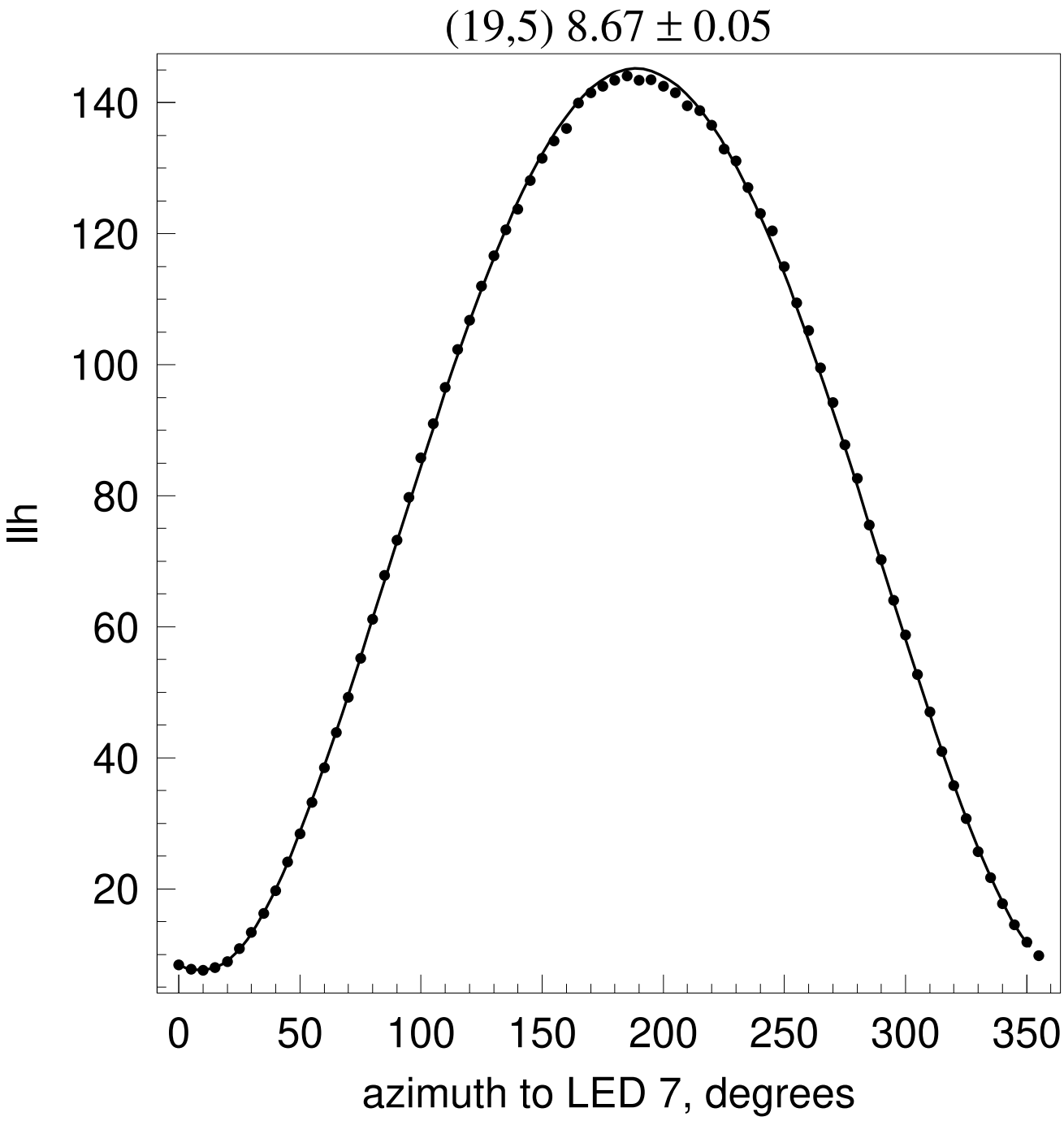

(18,60) 342.83 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

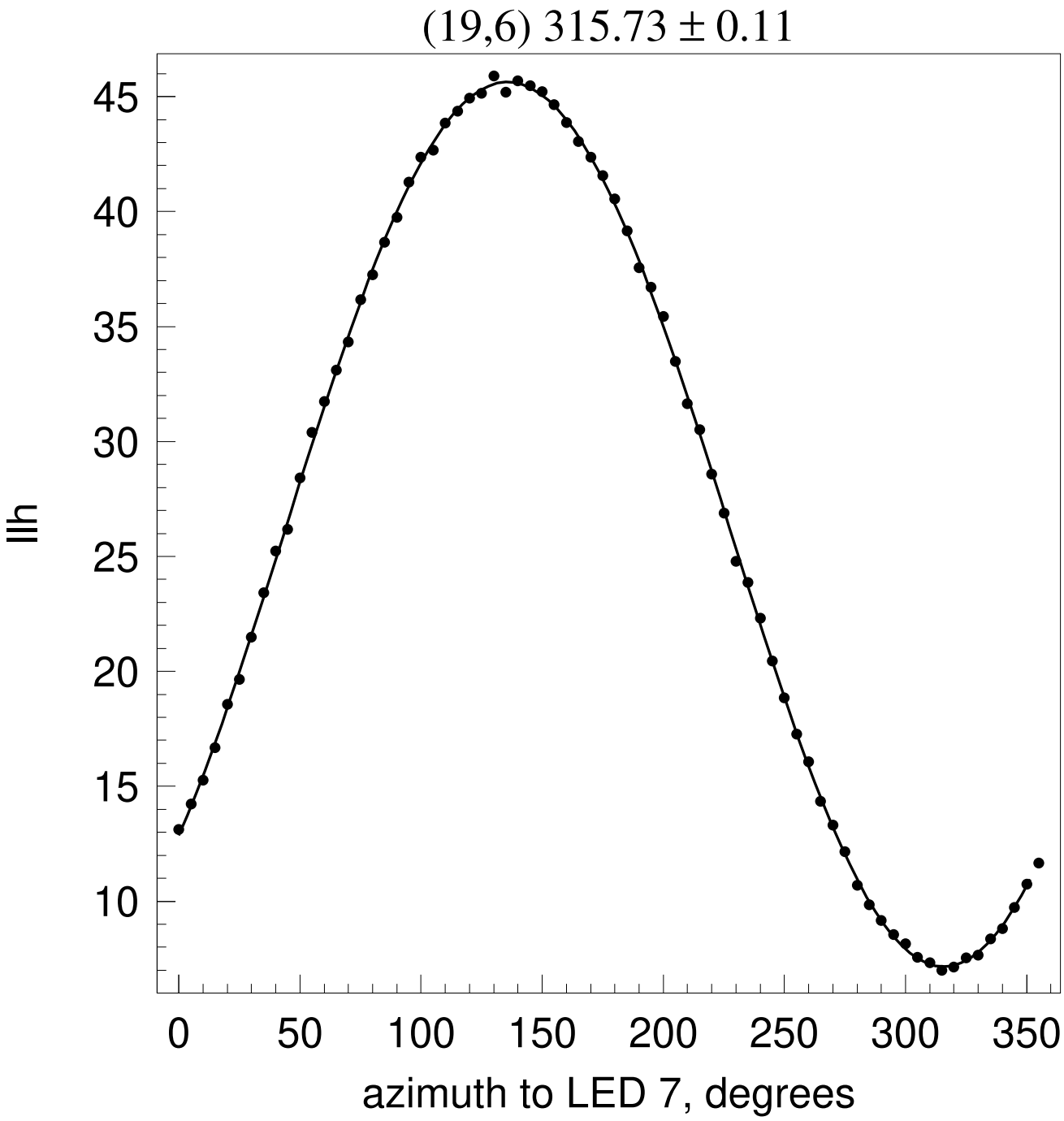

(19,1) 294.60 ± 0.23
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

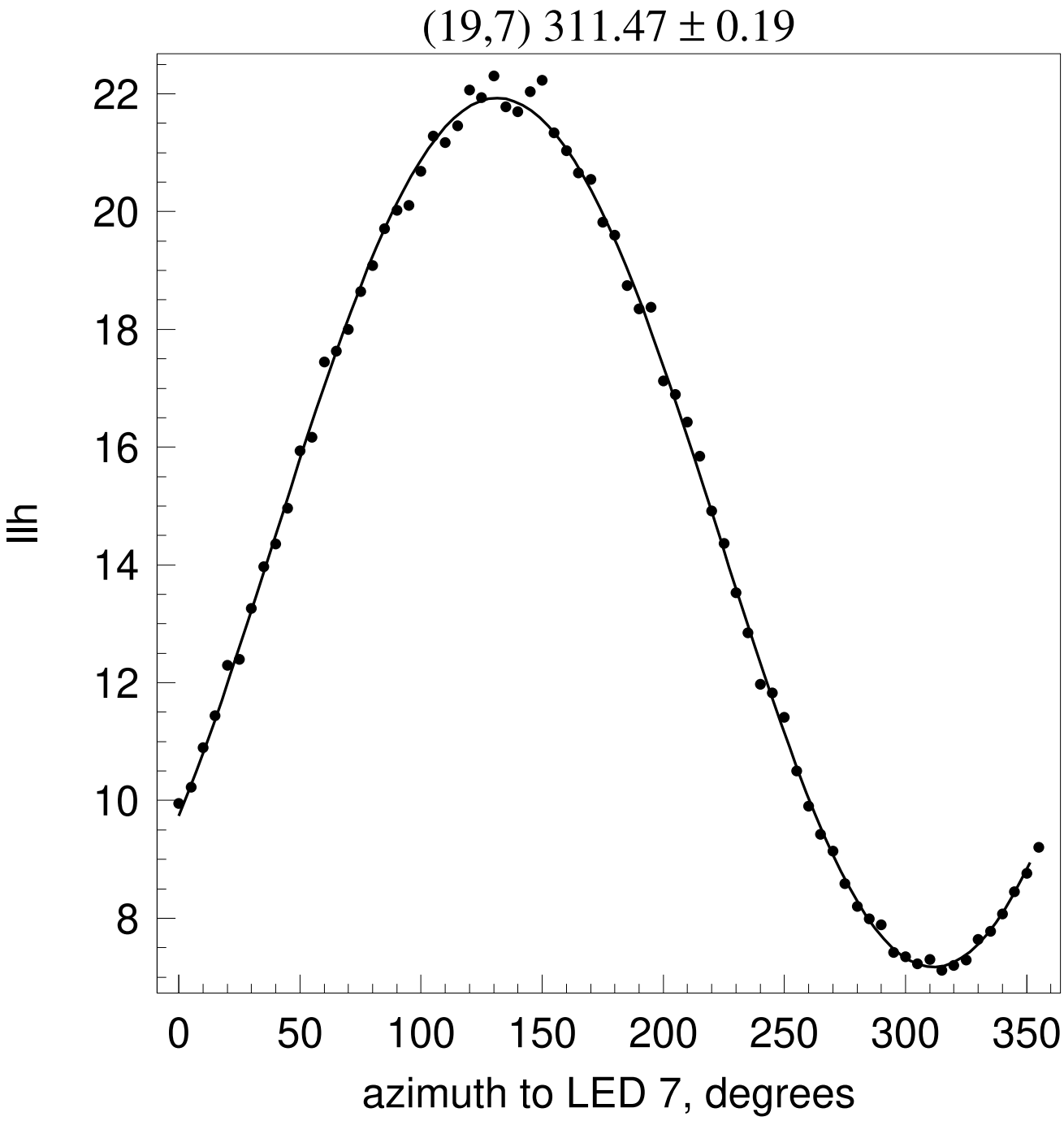

(19,2) 34.76 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

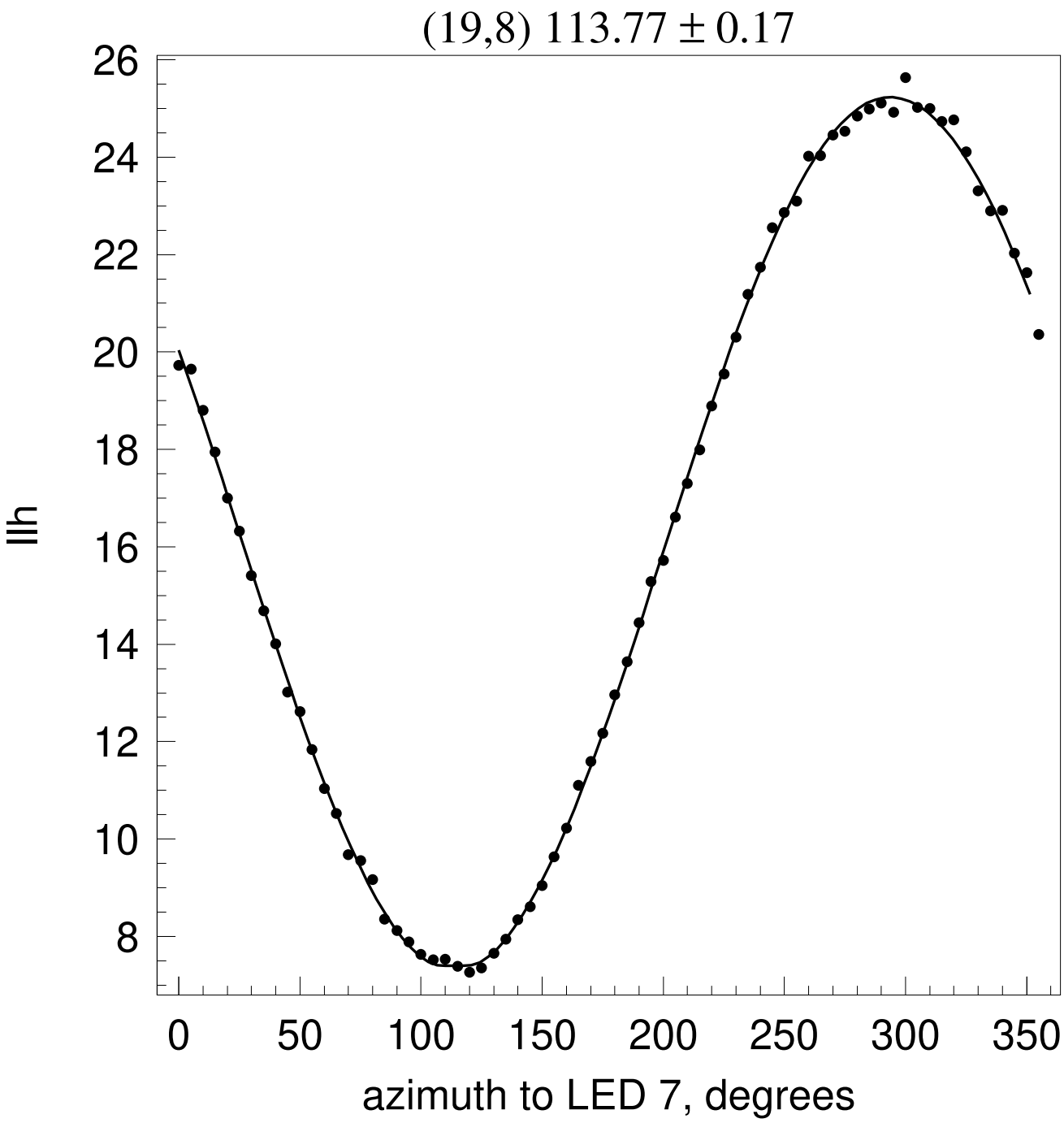

(19,3) 294.37 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

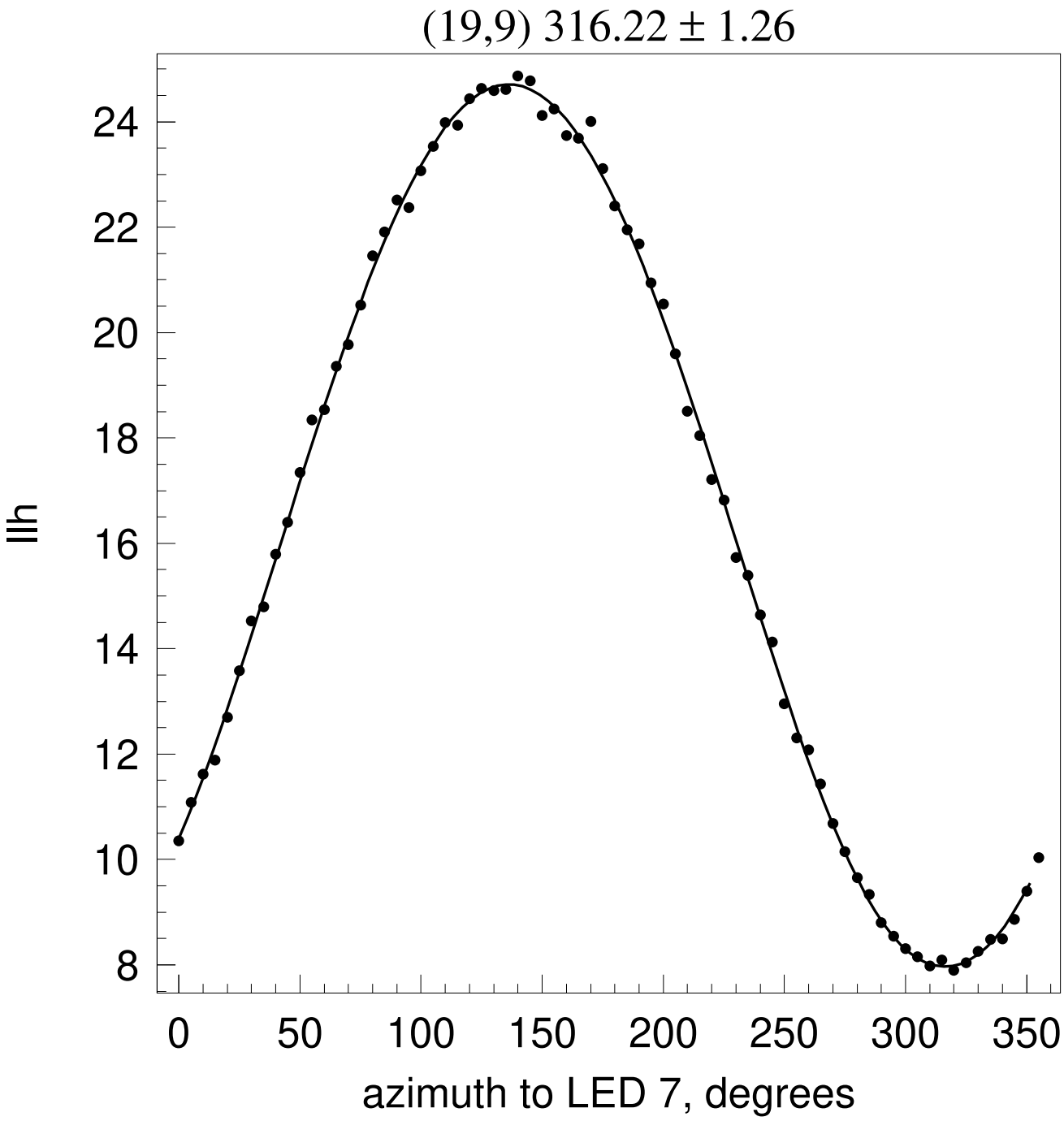

(19,4) 46.42 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

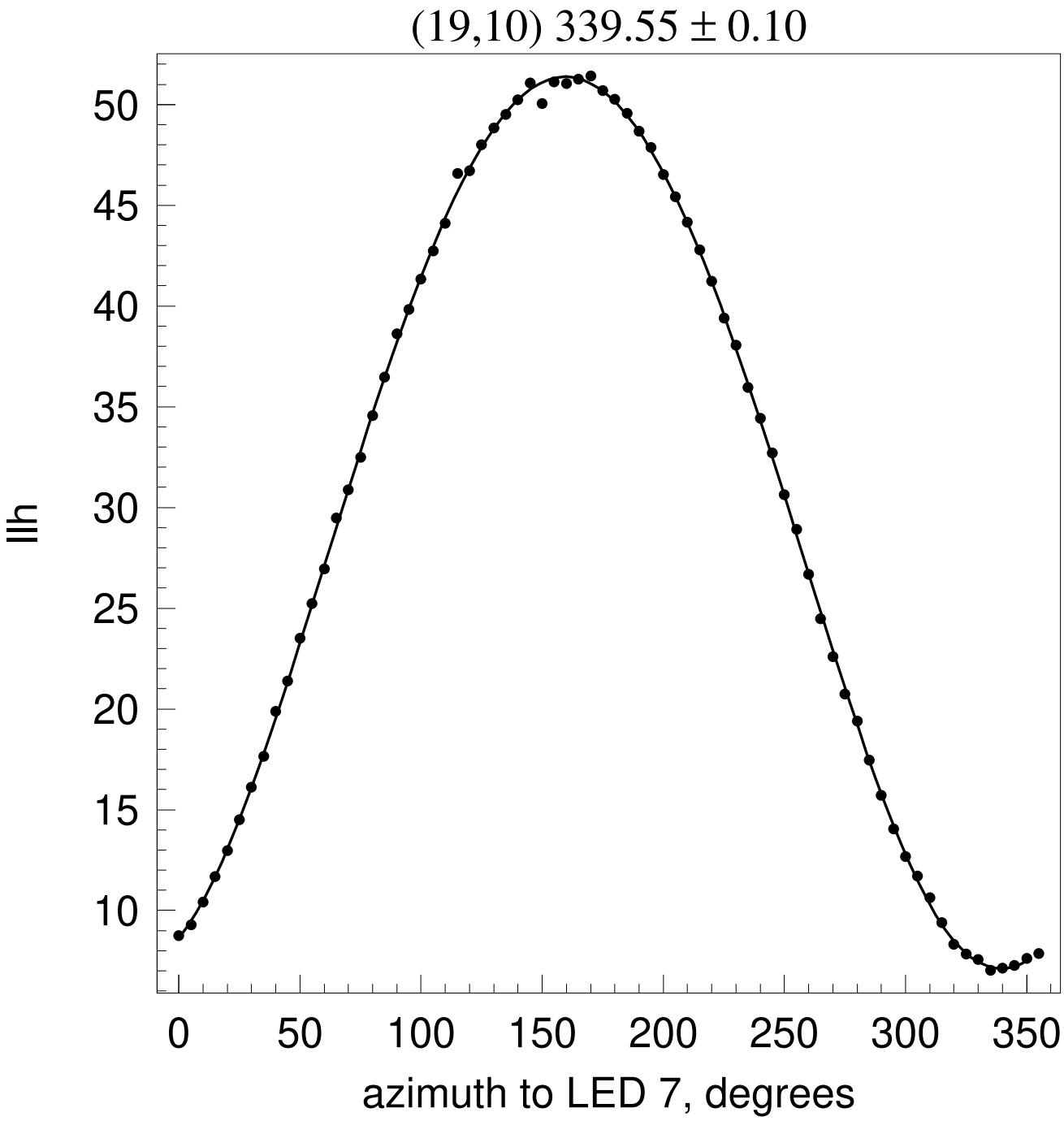

(19,5) 8.67 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

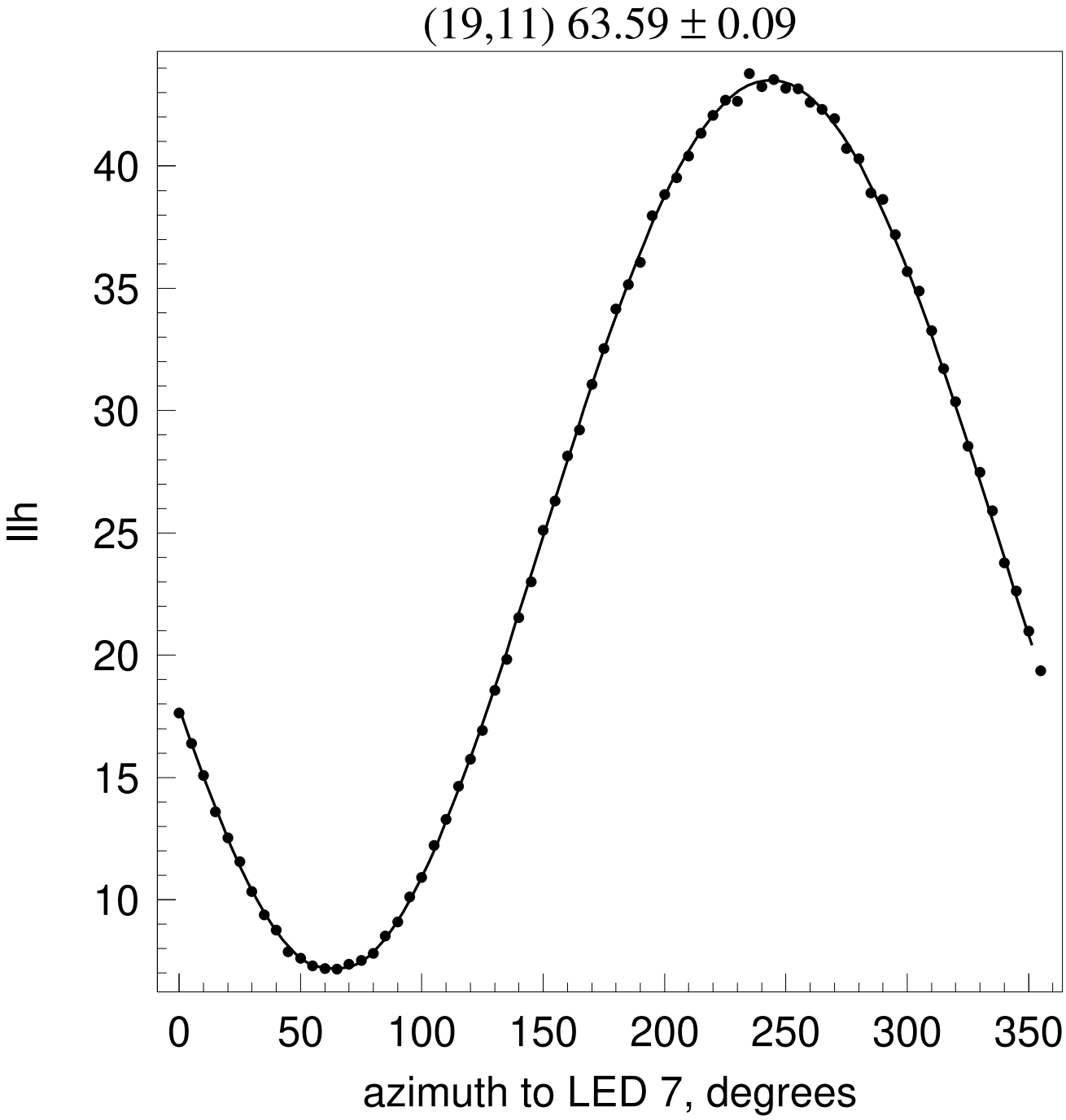

(19,6) 315.73 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

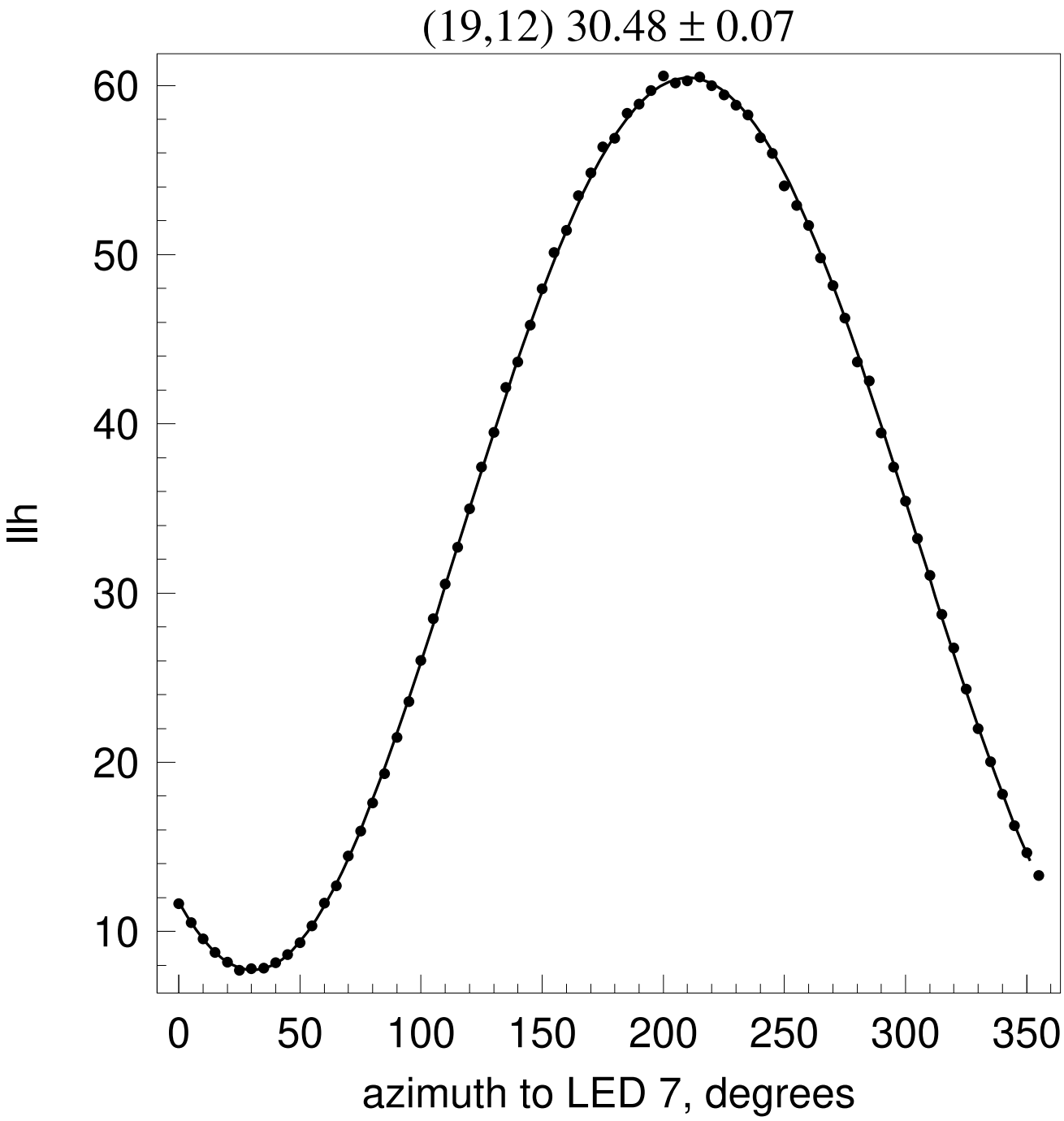

(19,7) 311.47 ± 0.19
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

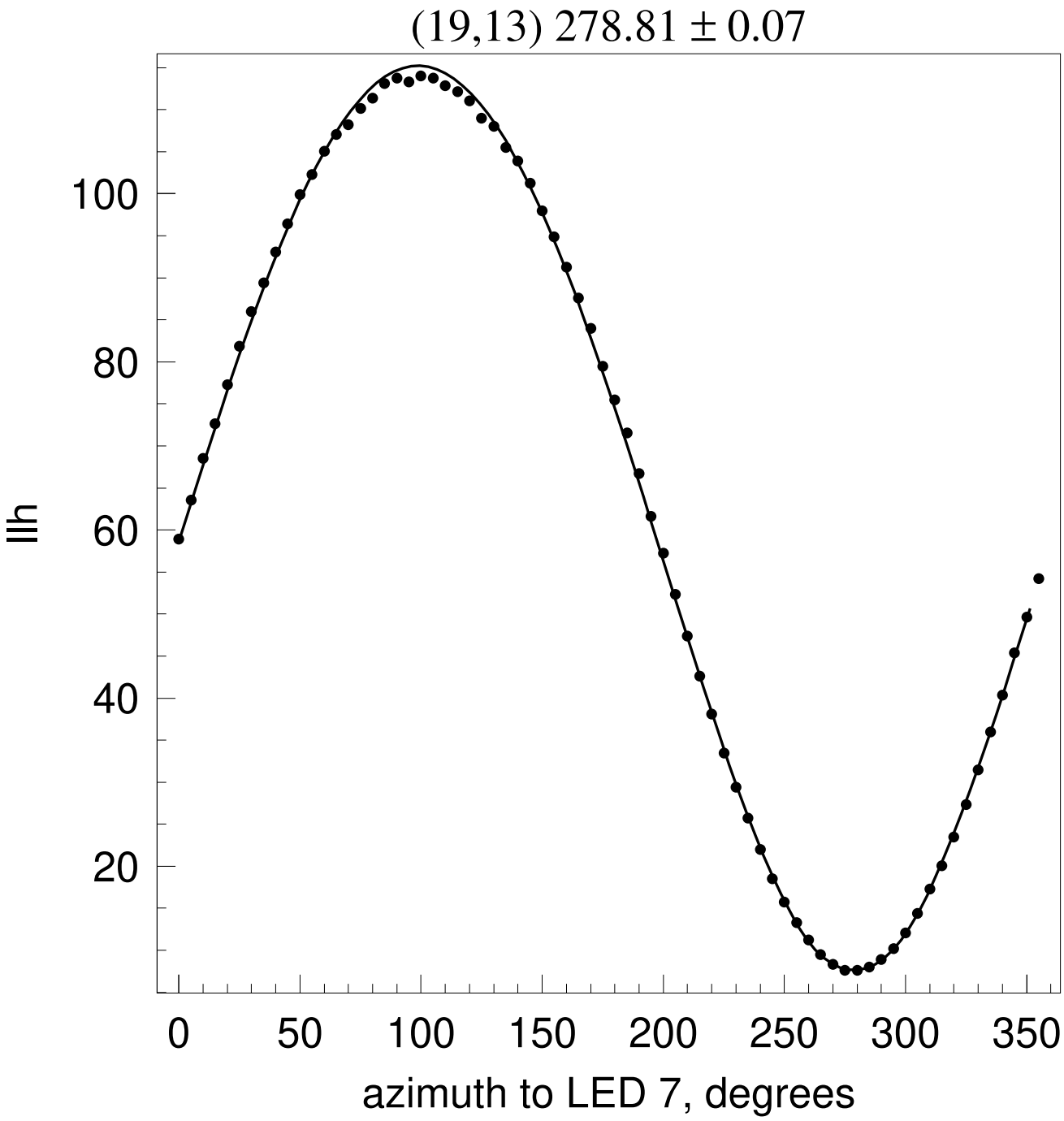

(19,8) 113.77 ± 0.17
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

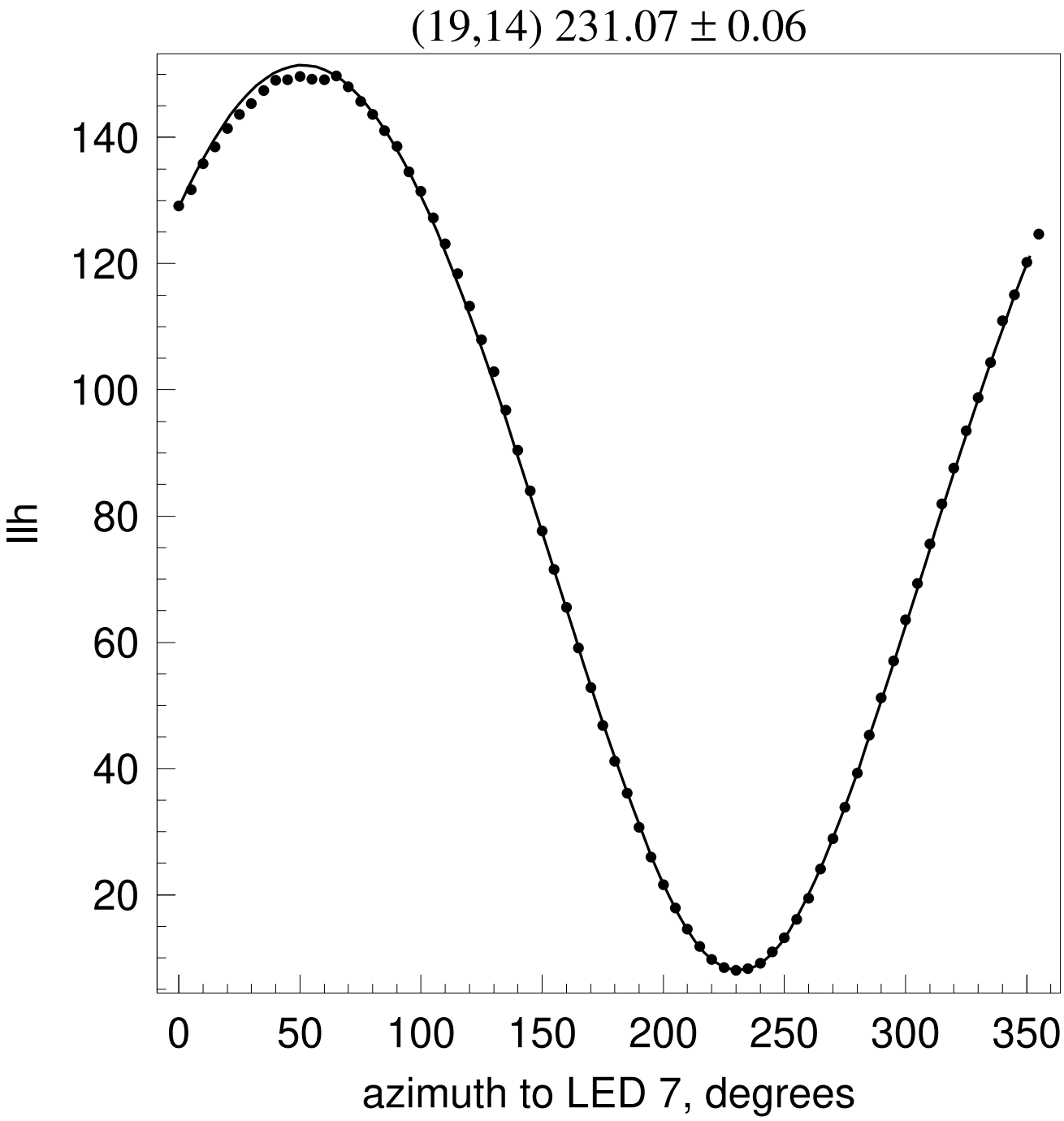

(19,9) 316.22 ± 1.26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

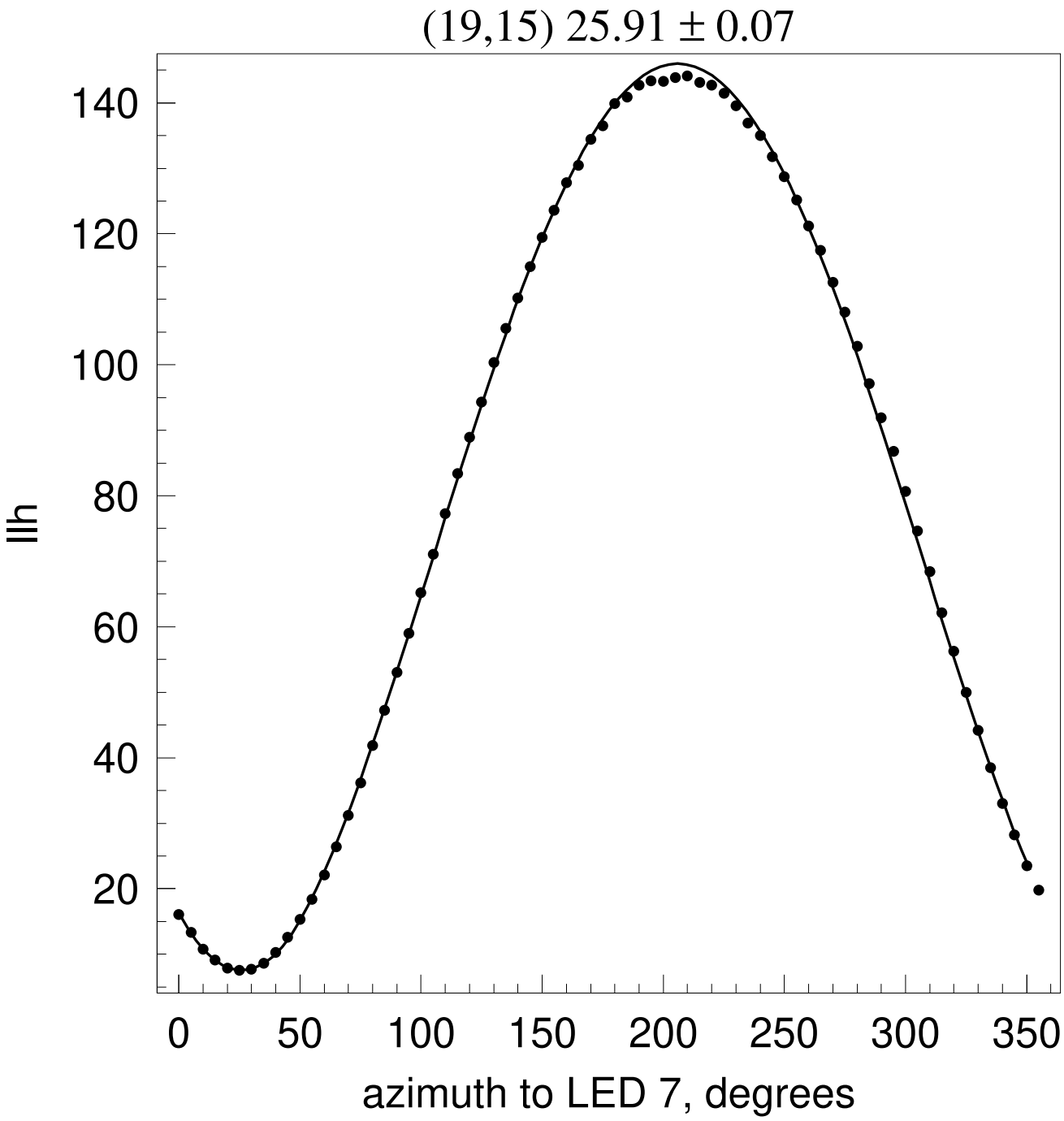

(19,10) 339.55 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

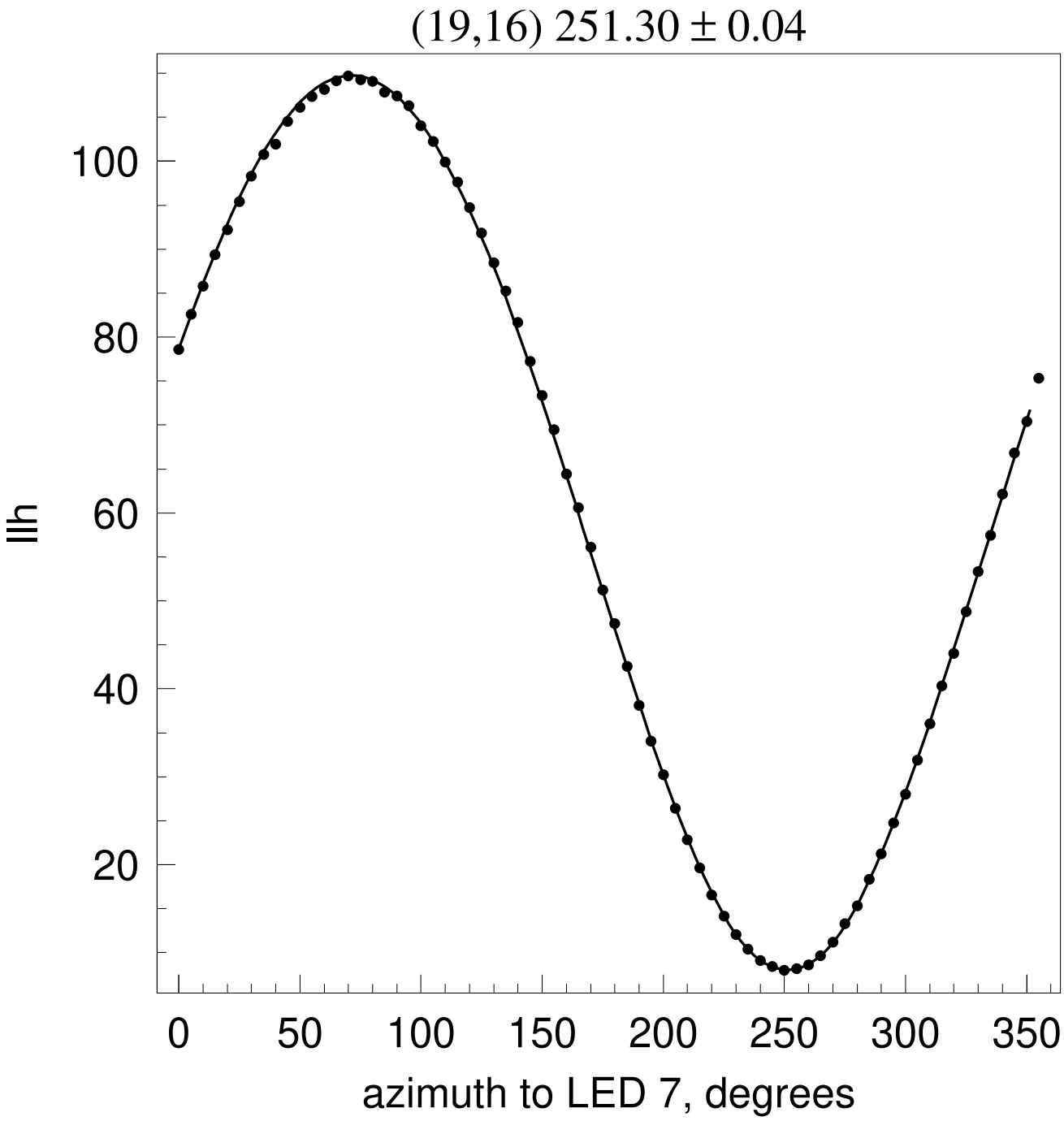

(19,11) 63.59 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

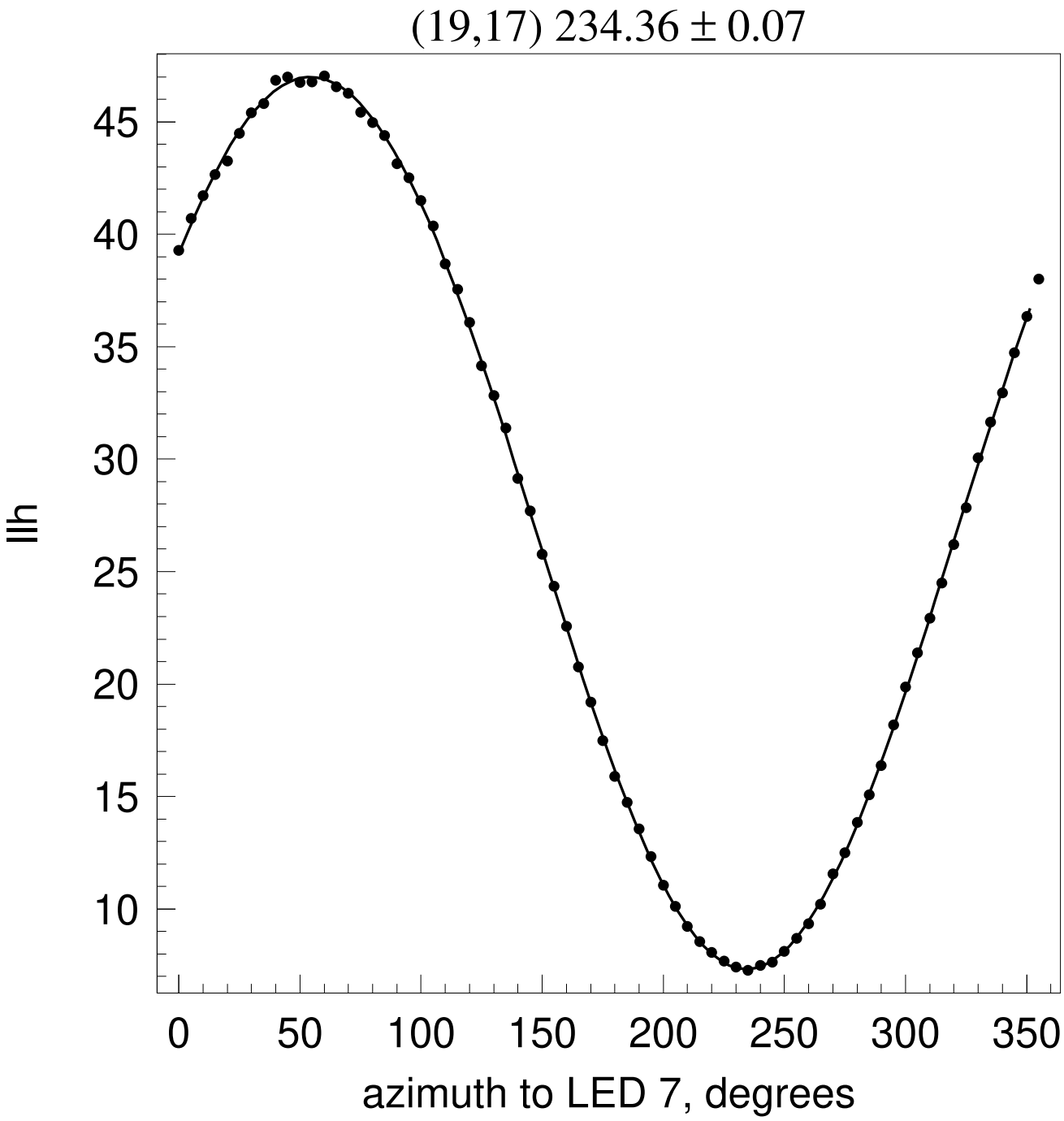

(19,12) 30.48 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

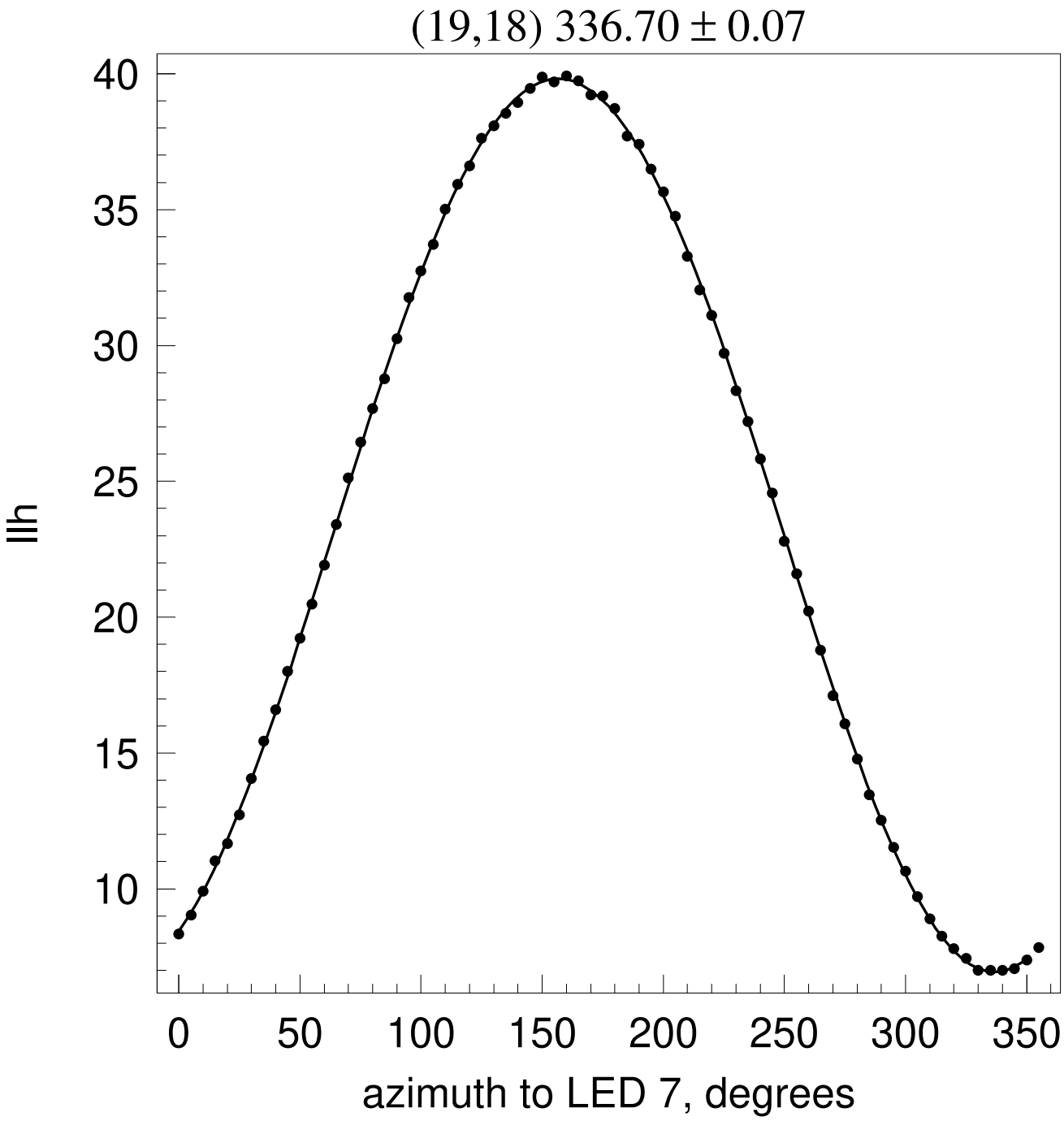

(19,13) 278.81 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

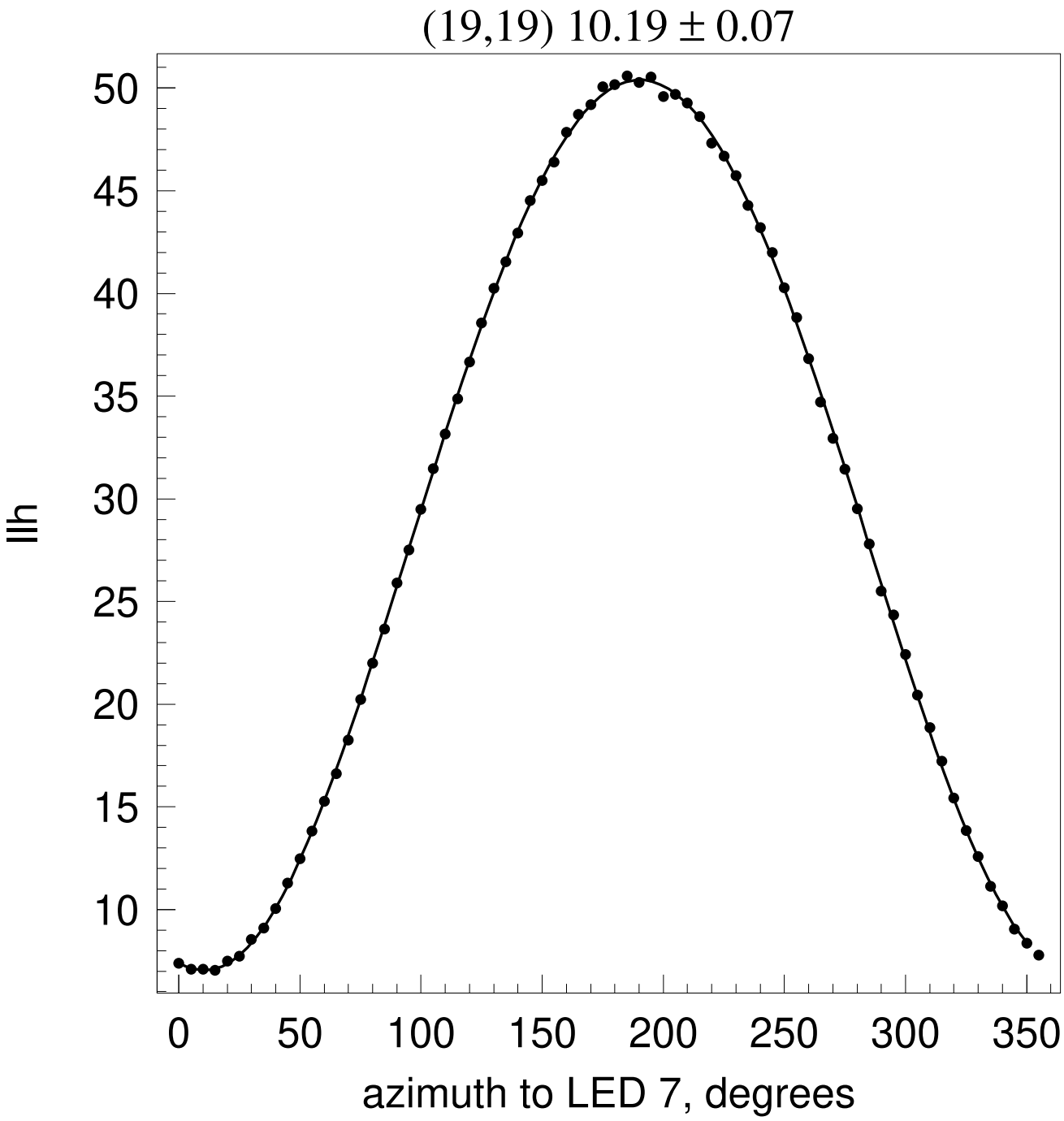

(19,14) 231.07 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

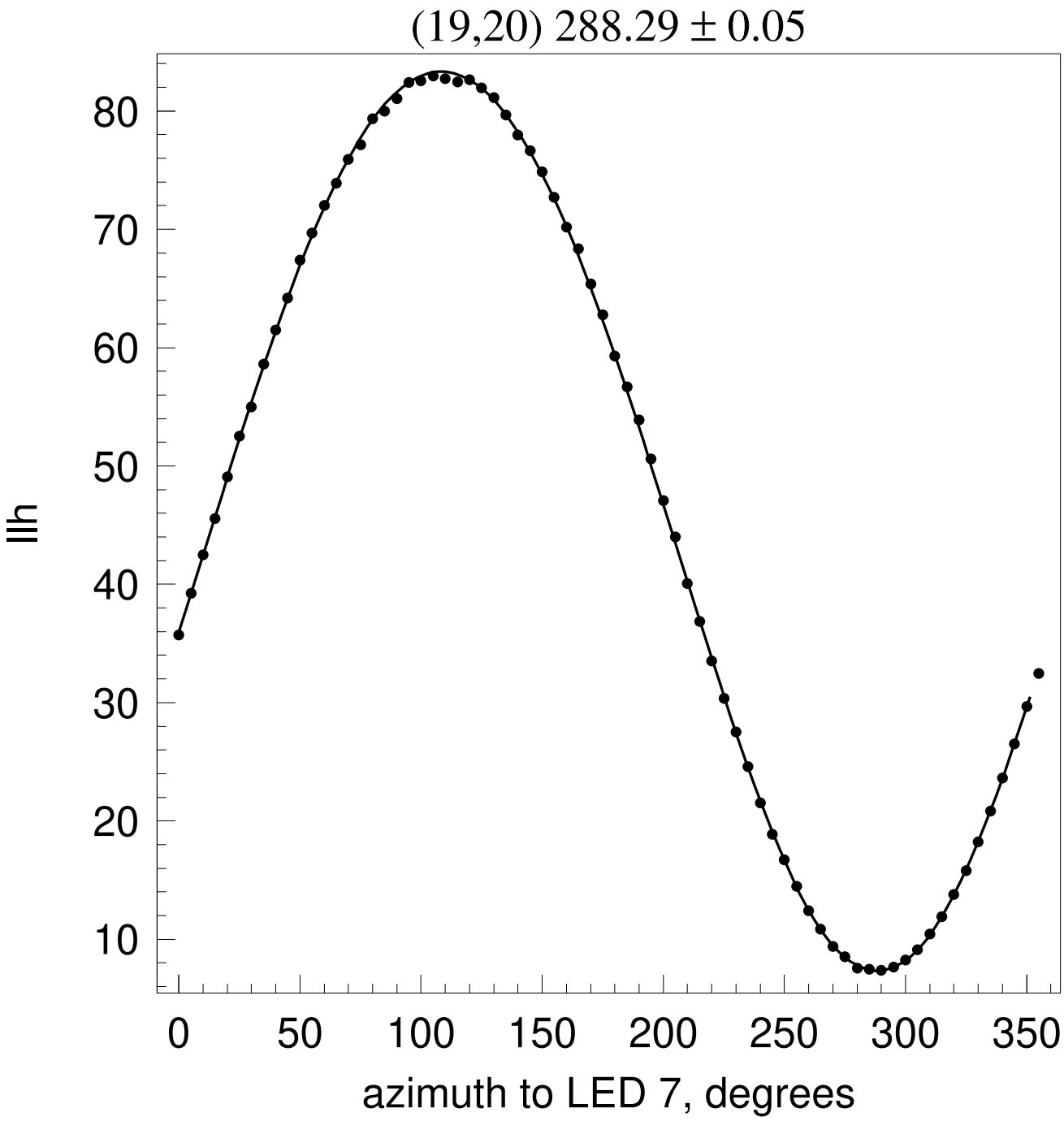

(19,15) 25.91 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

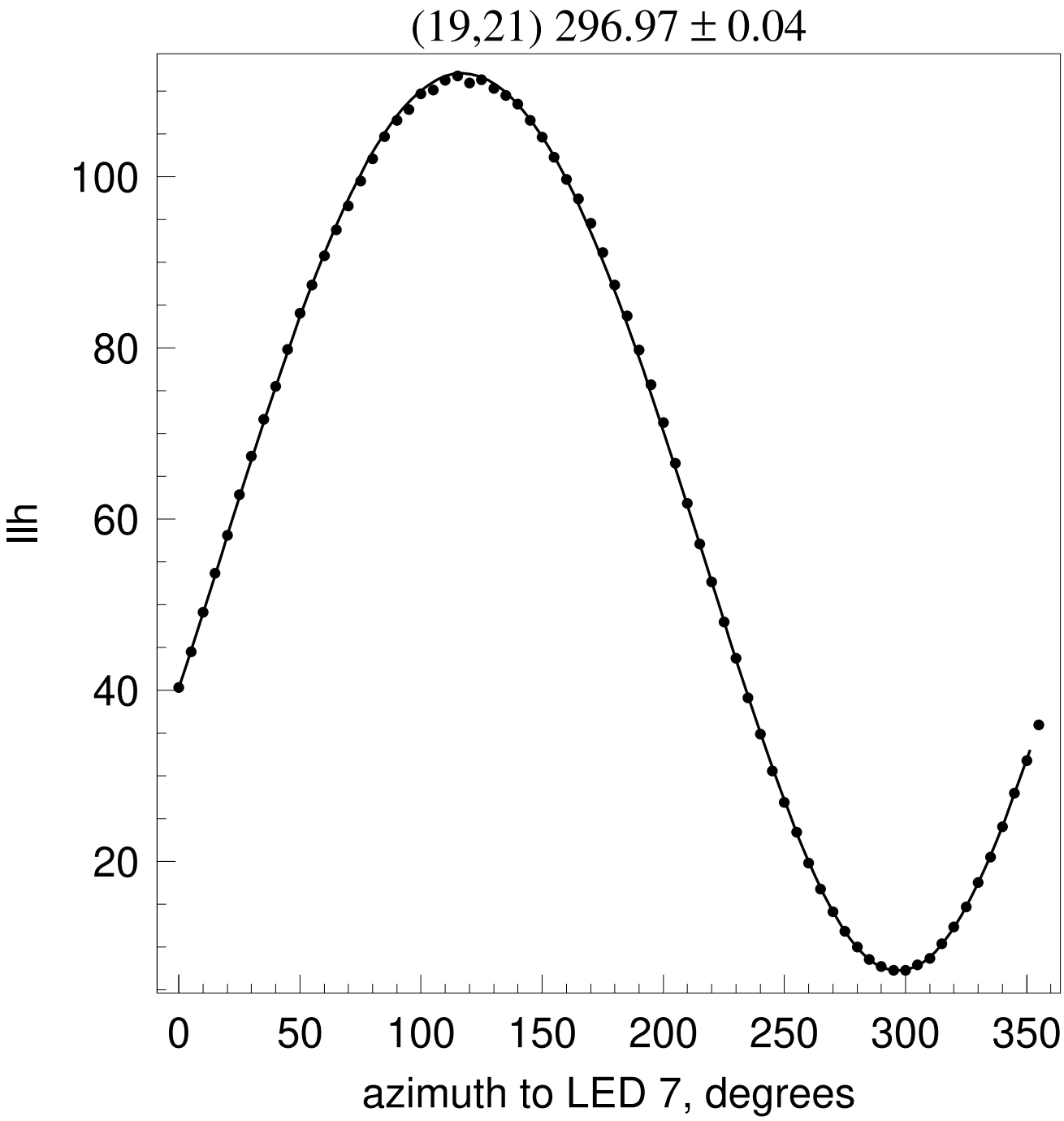

(19,16) 251.30 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

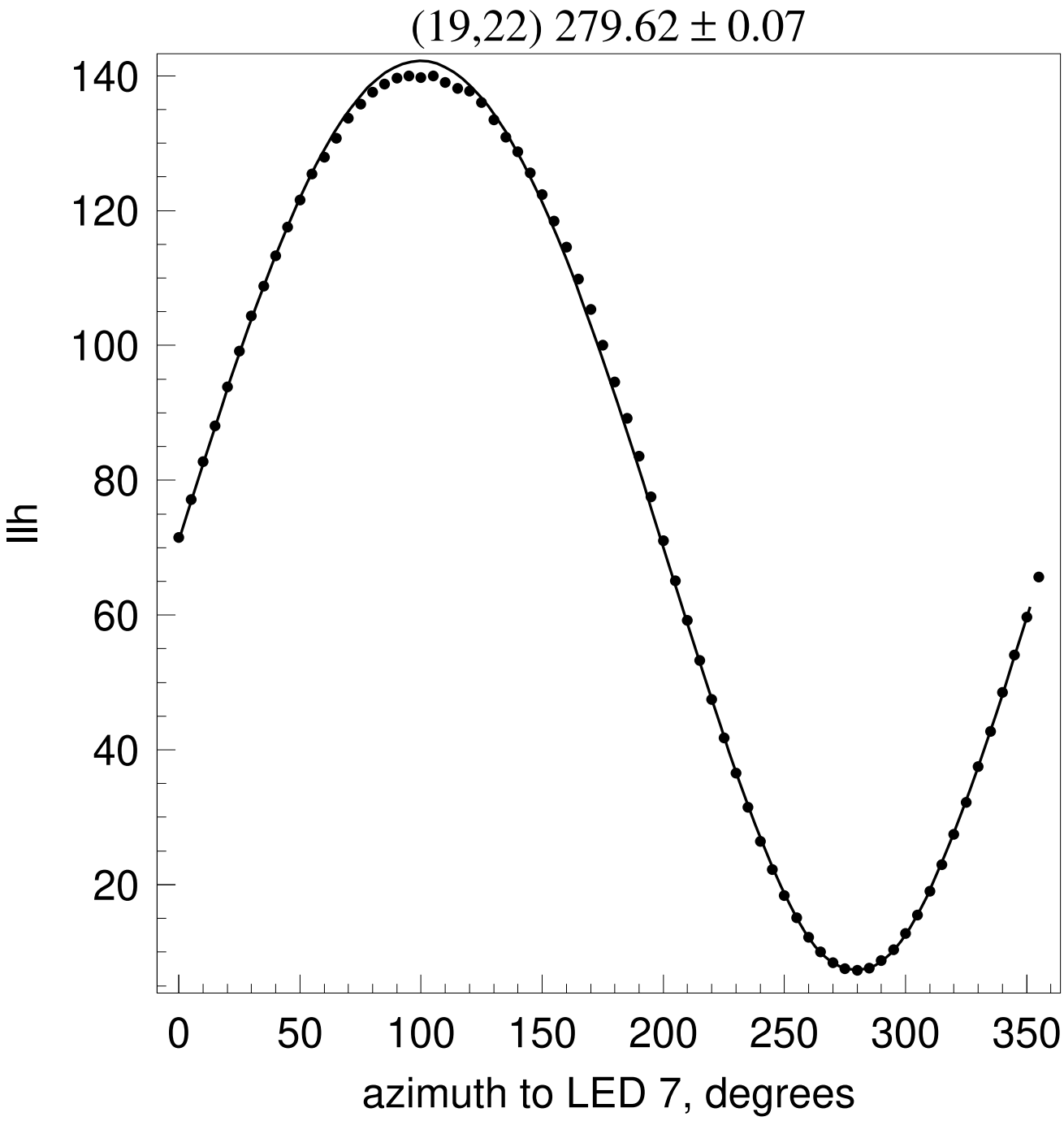

(19,17) 234.36 ± 0.07
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

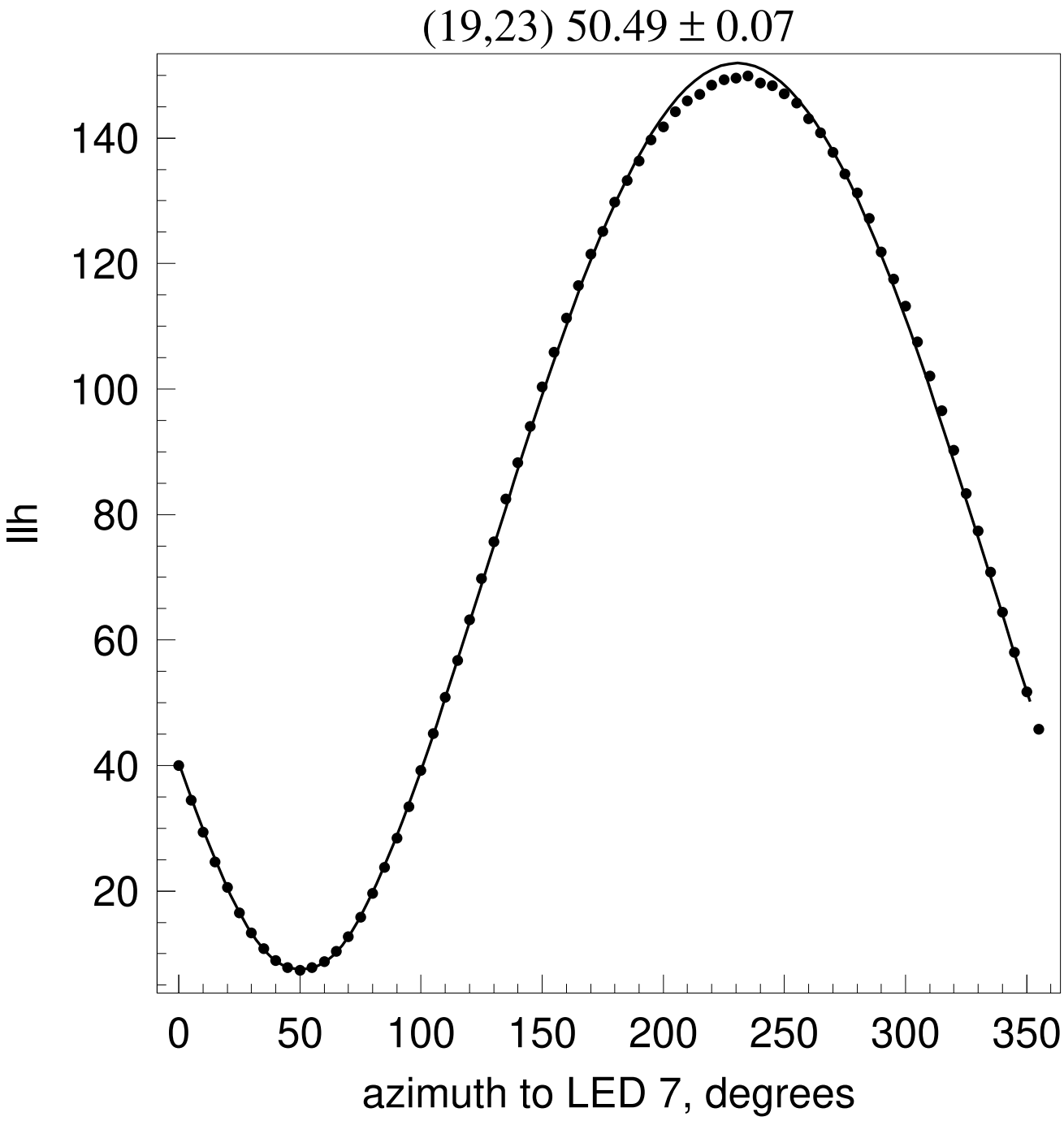

(19,18) 336.70 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

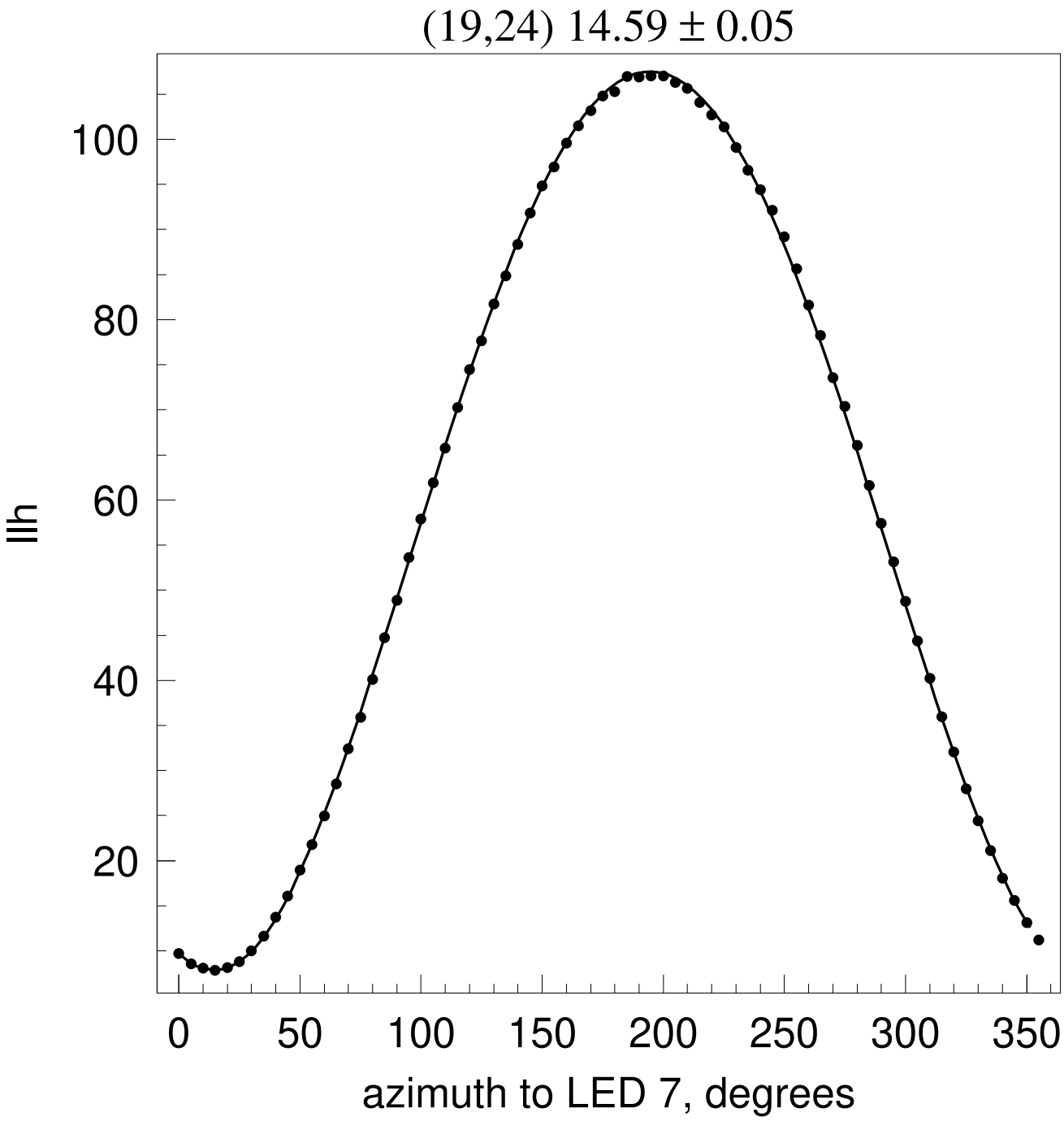

(19,19) 10.19 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

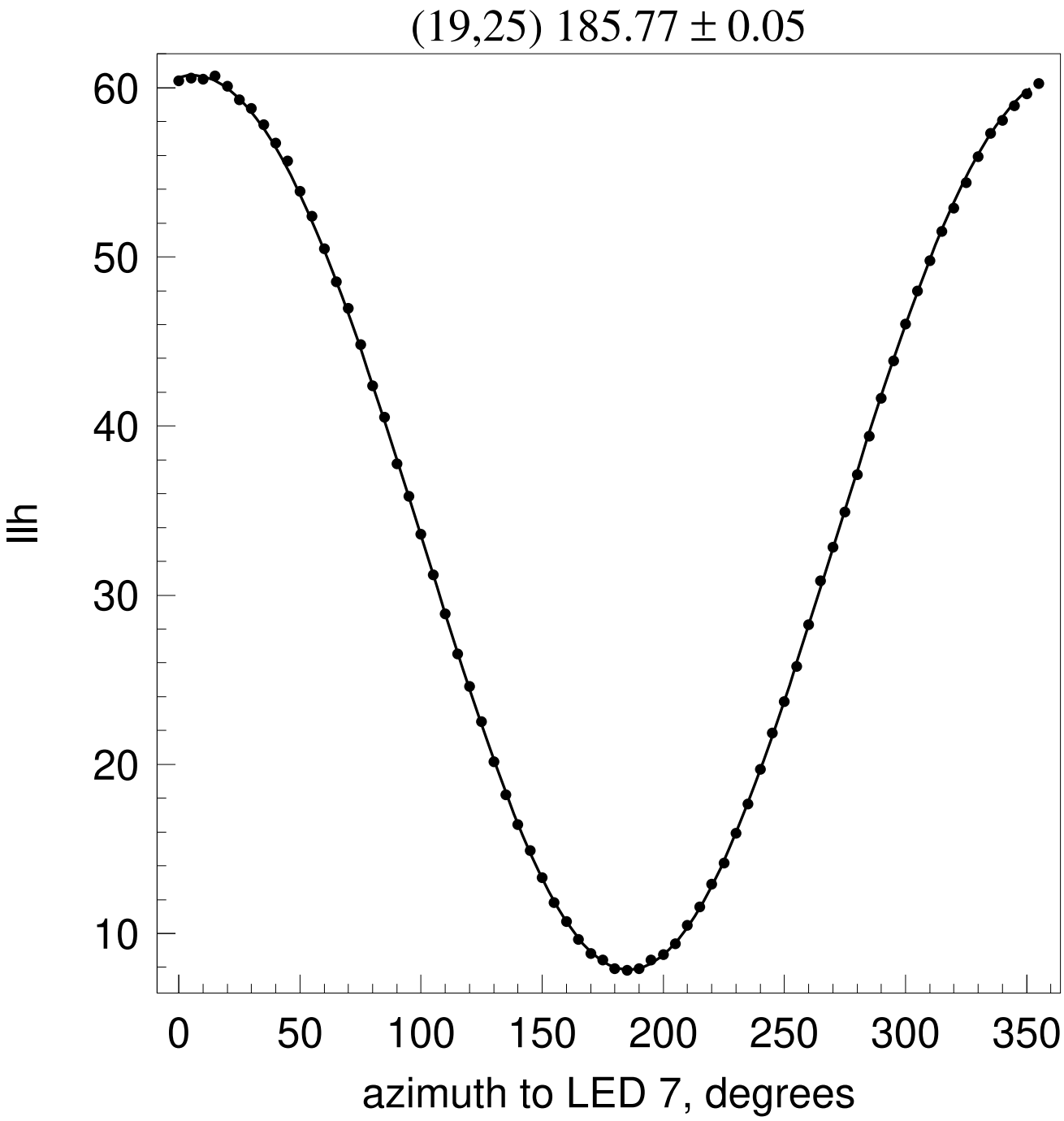

(19,20) 288.29 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

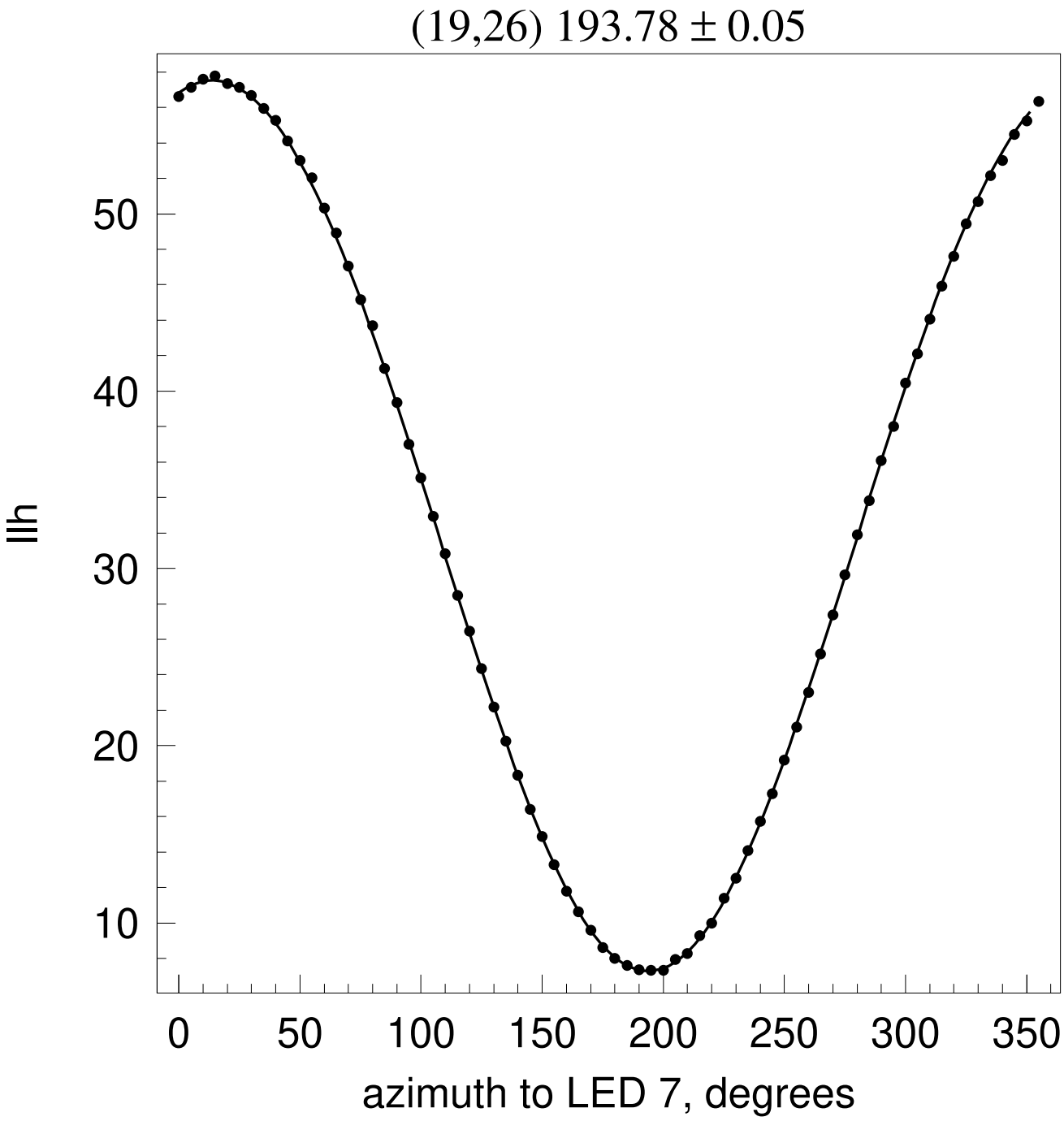

(19,21) 296.97 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

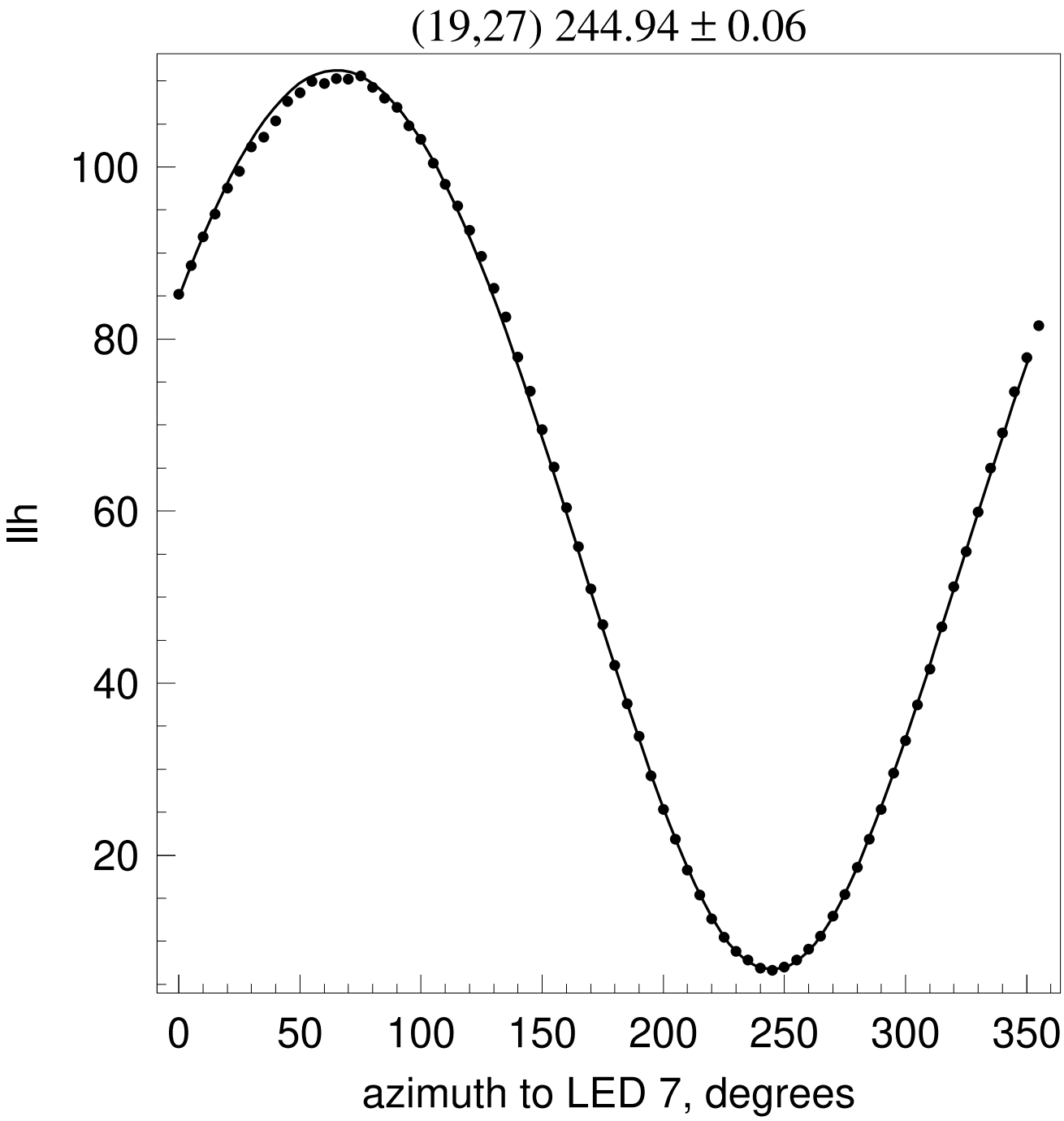

(19,22) 279.62 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

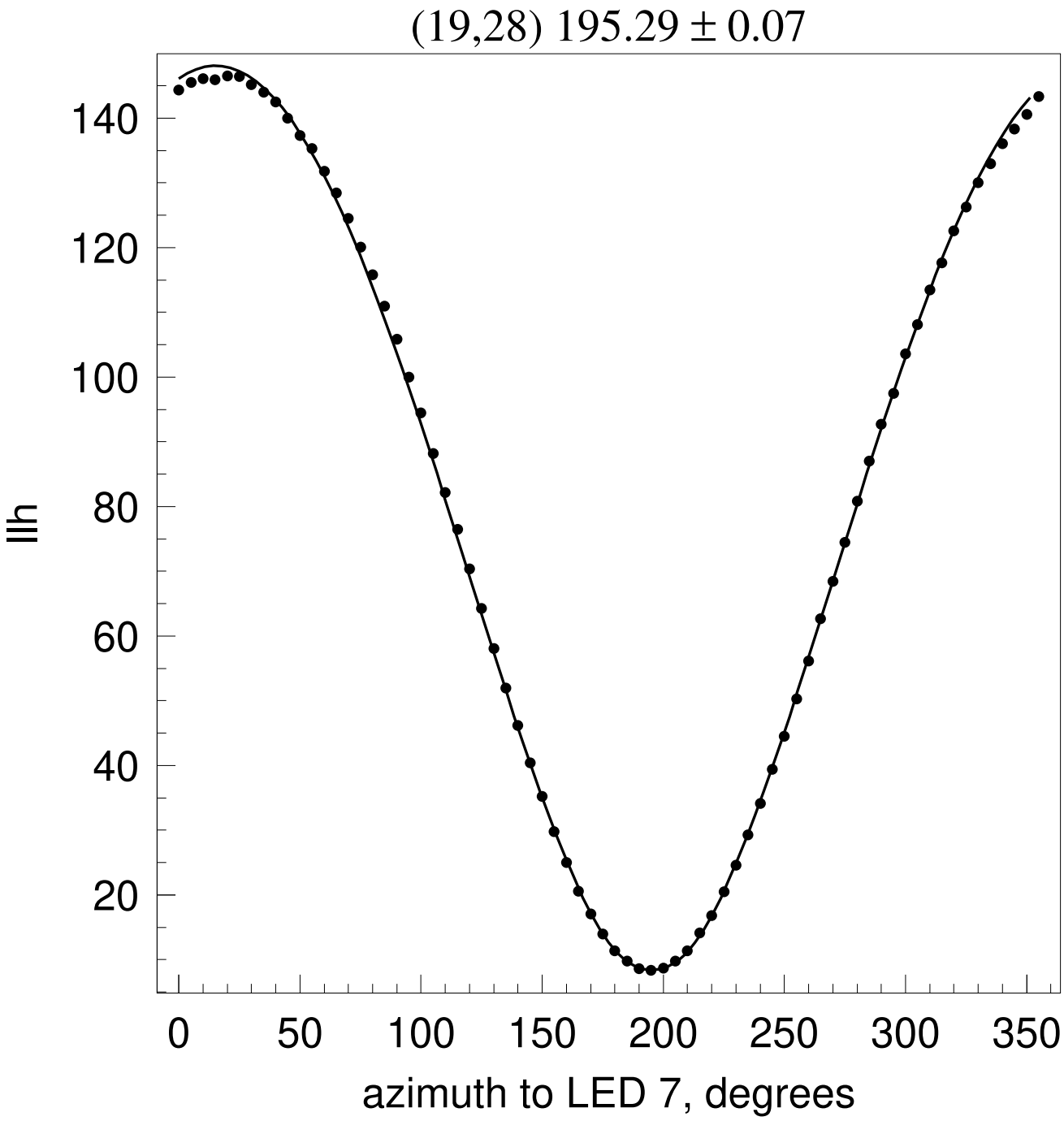

(19,23) 50.49 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

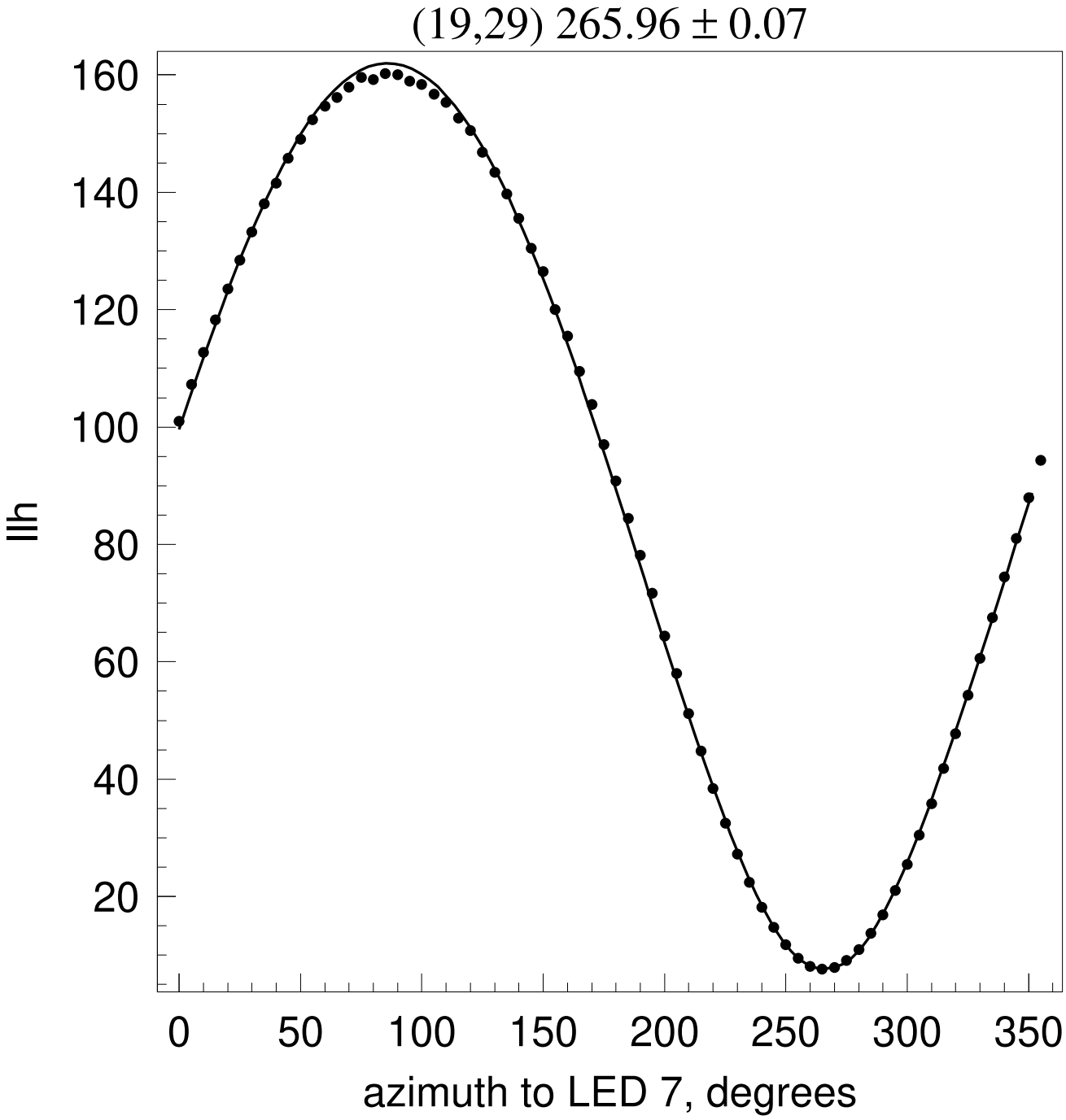

(19,24) 14.59 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

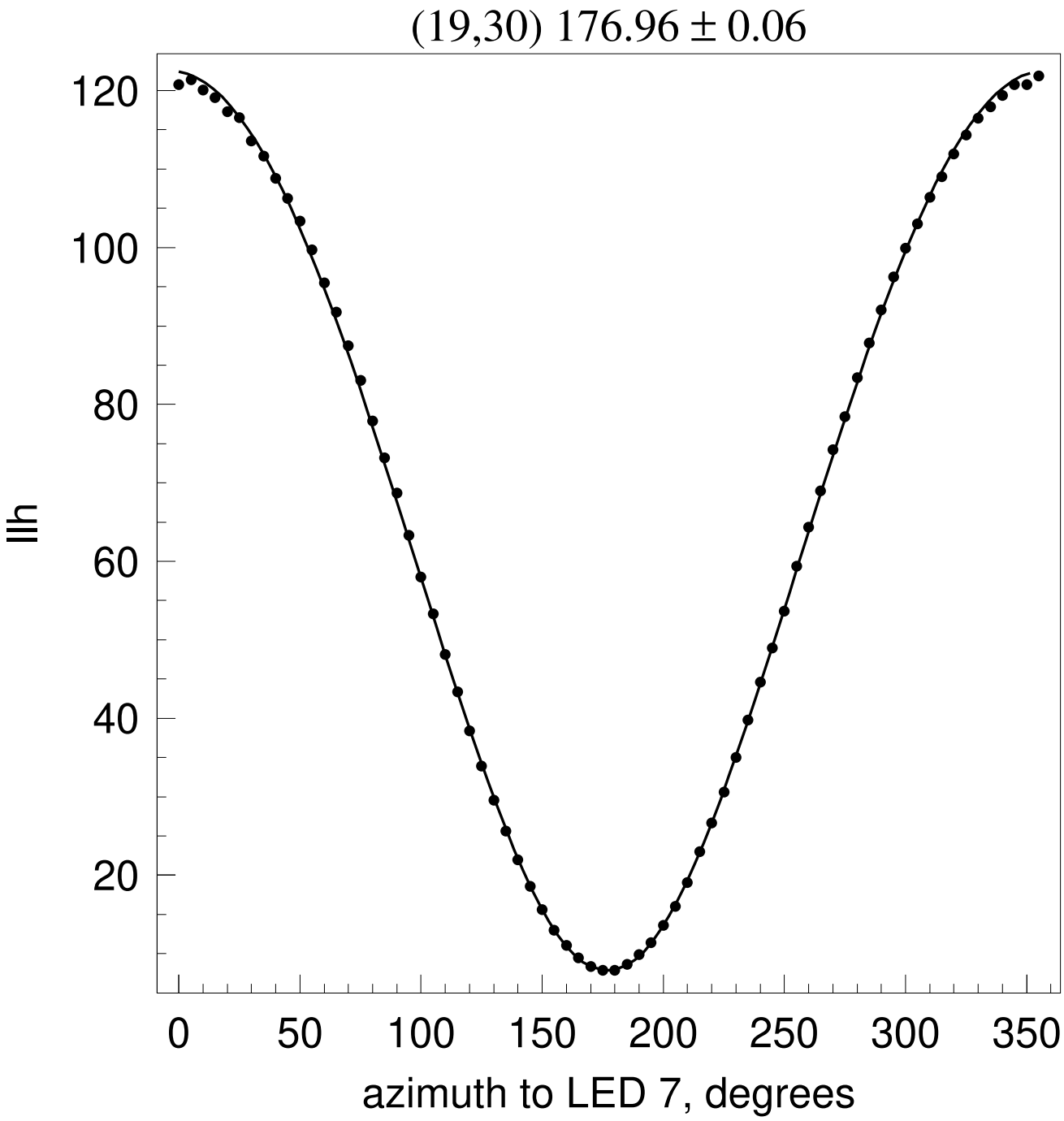

(19,25) 185.77 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

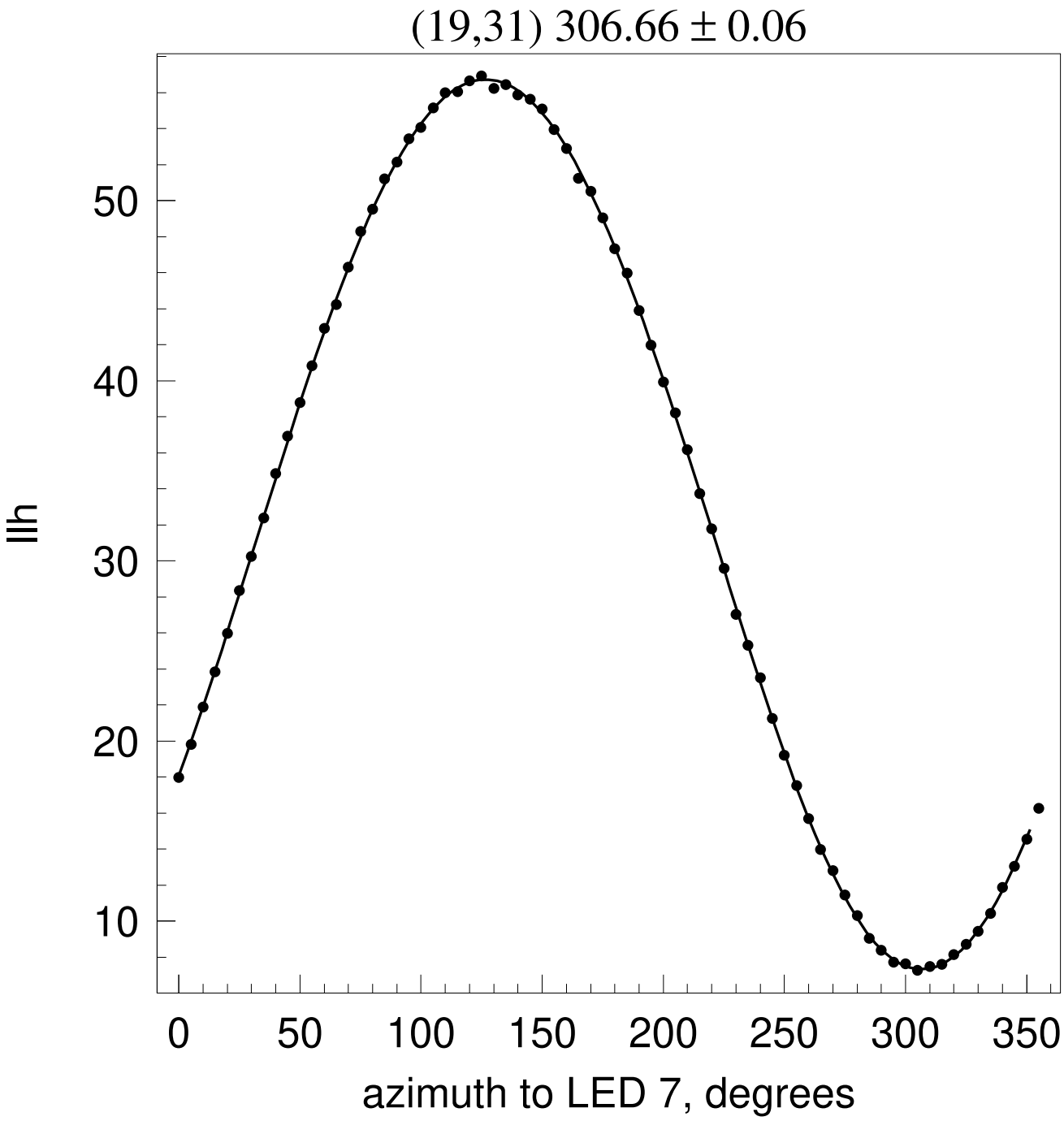

(19,26) 193.78 ± 0.05
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

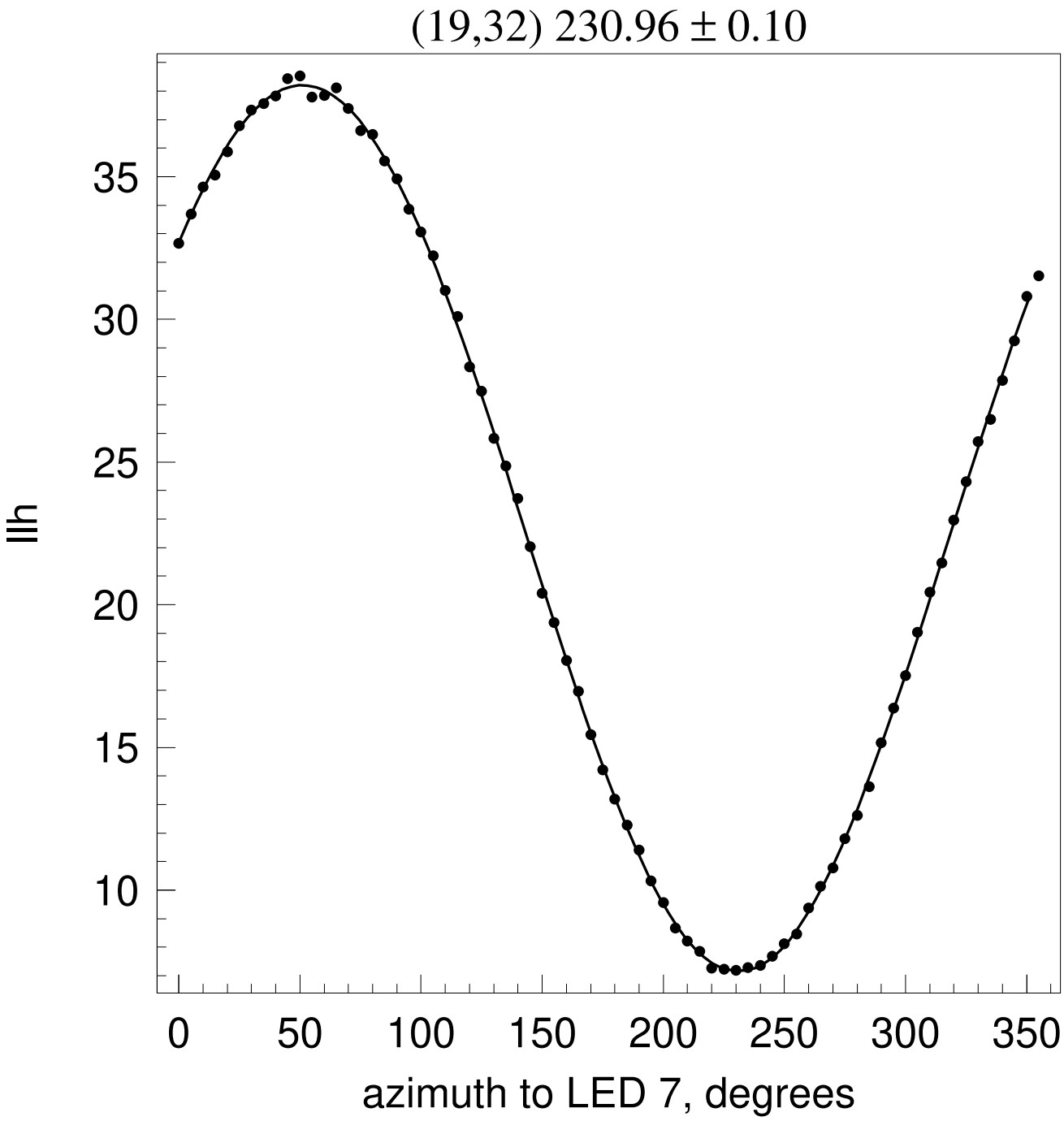

(19,27) 244.94 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

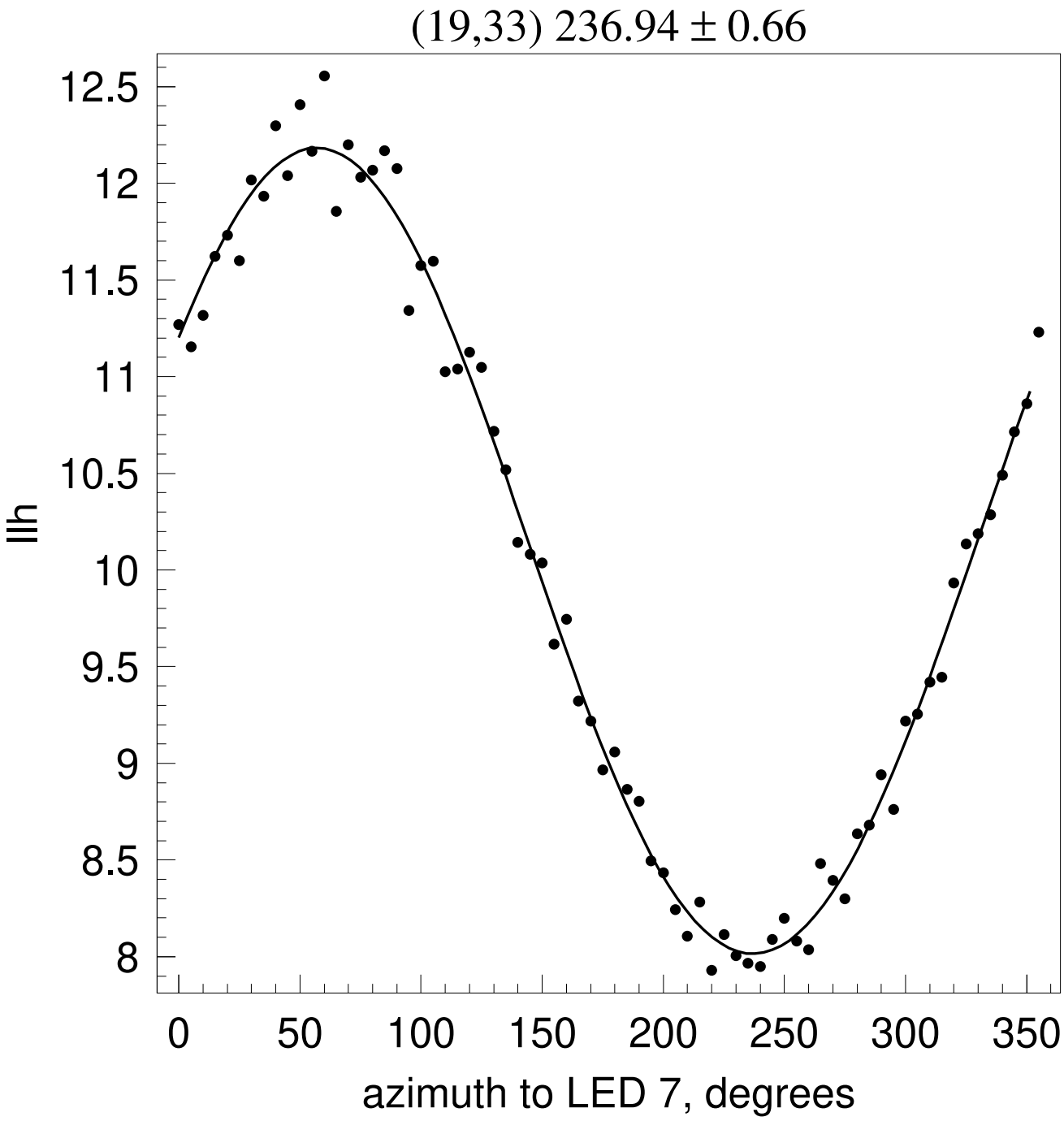

(19,28) 195.29 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

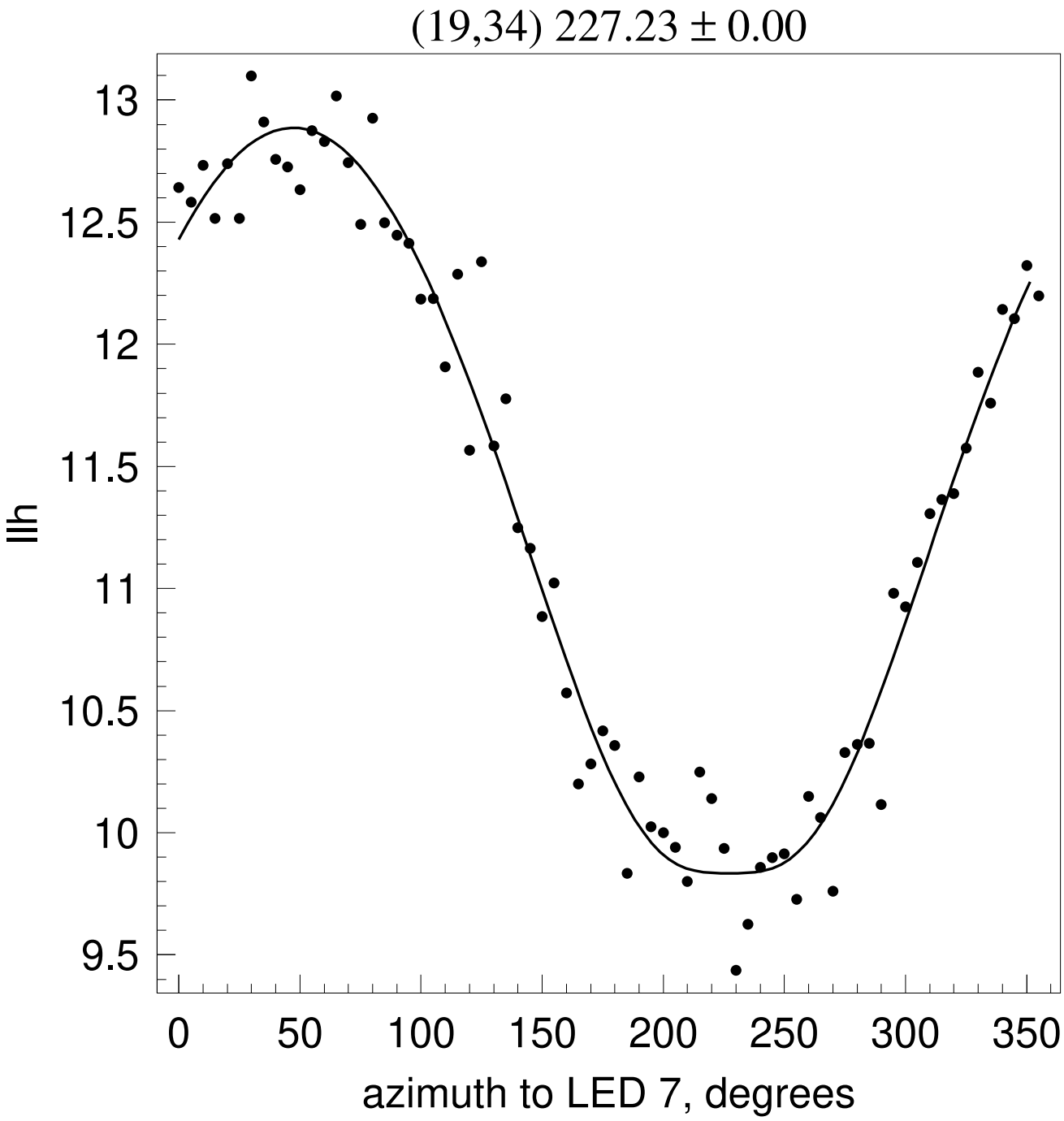

(19,29) 265.96 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

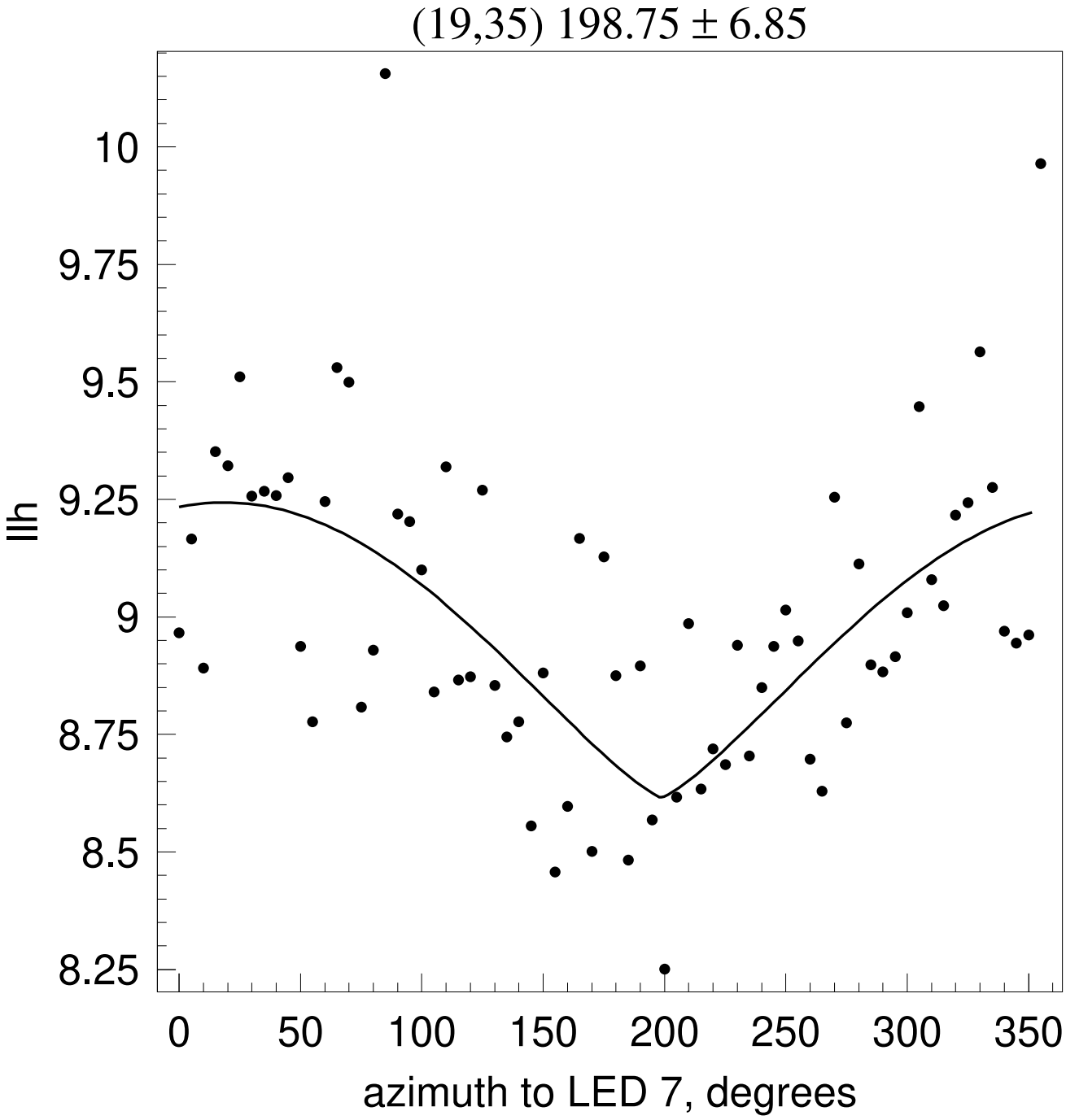

(19,30) 176.96 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

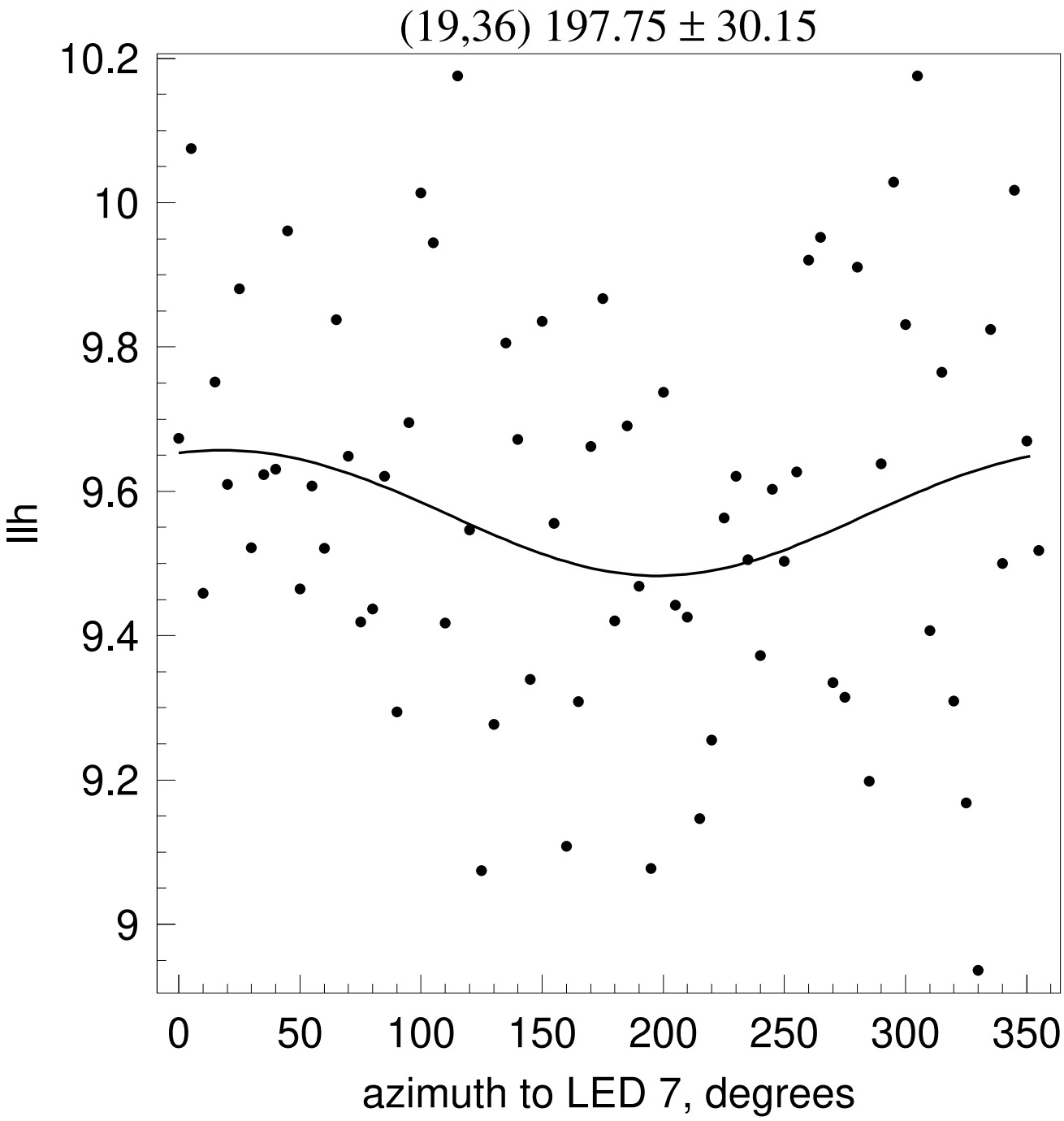

(19,31) 306.66 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

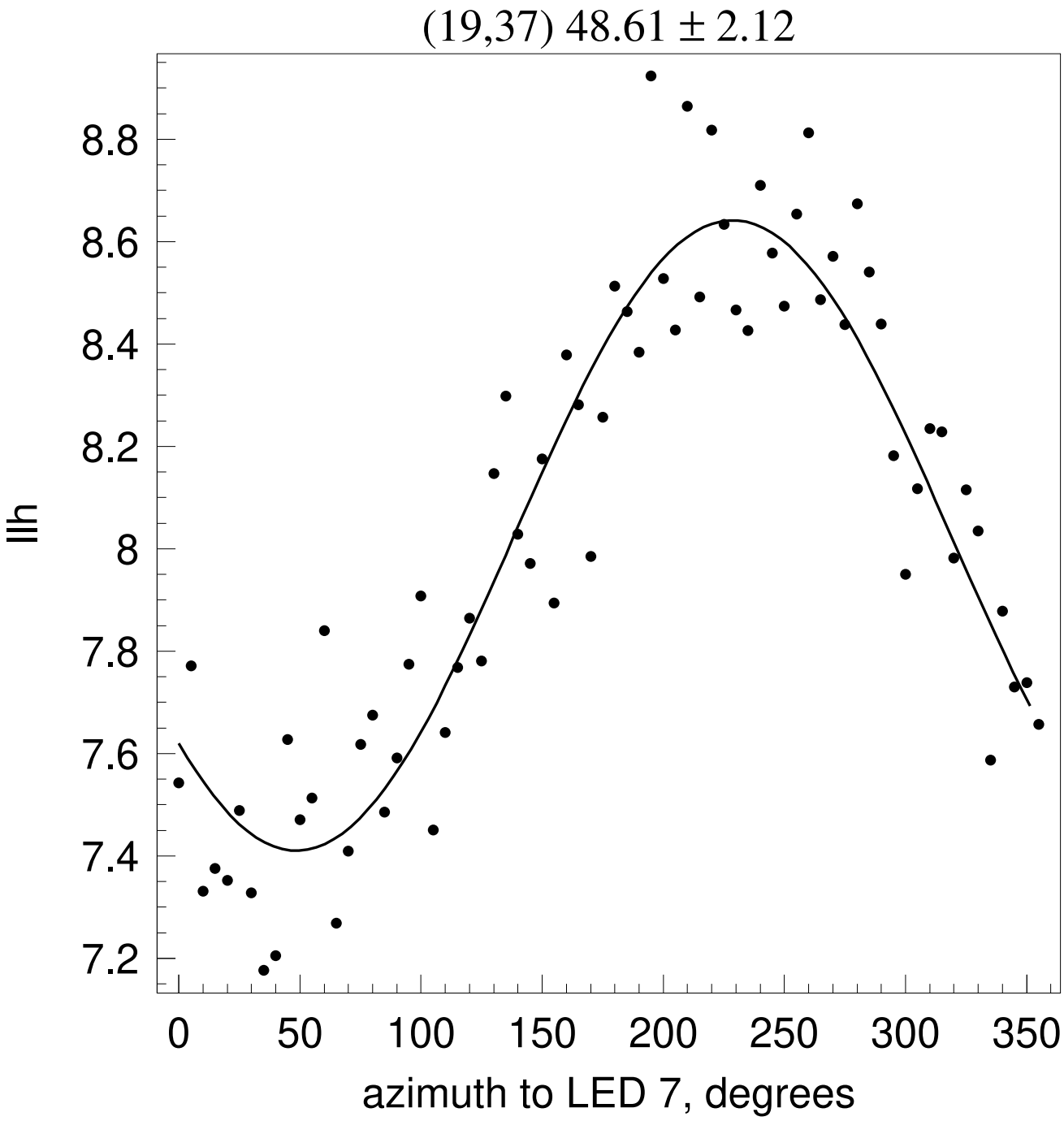

(19,32) 230.96 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

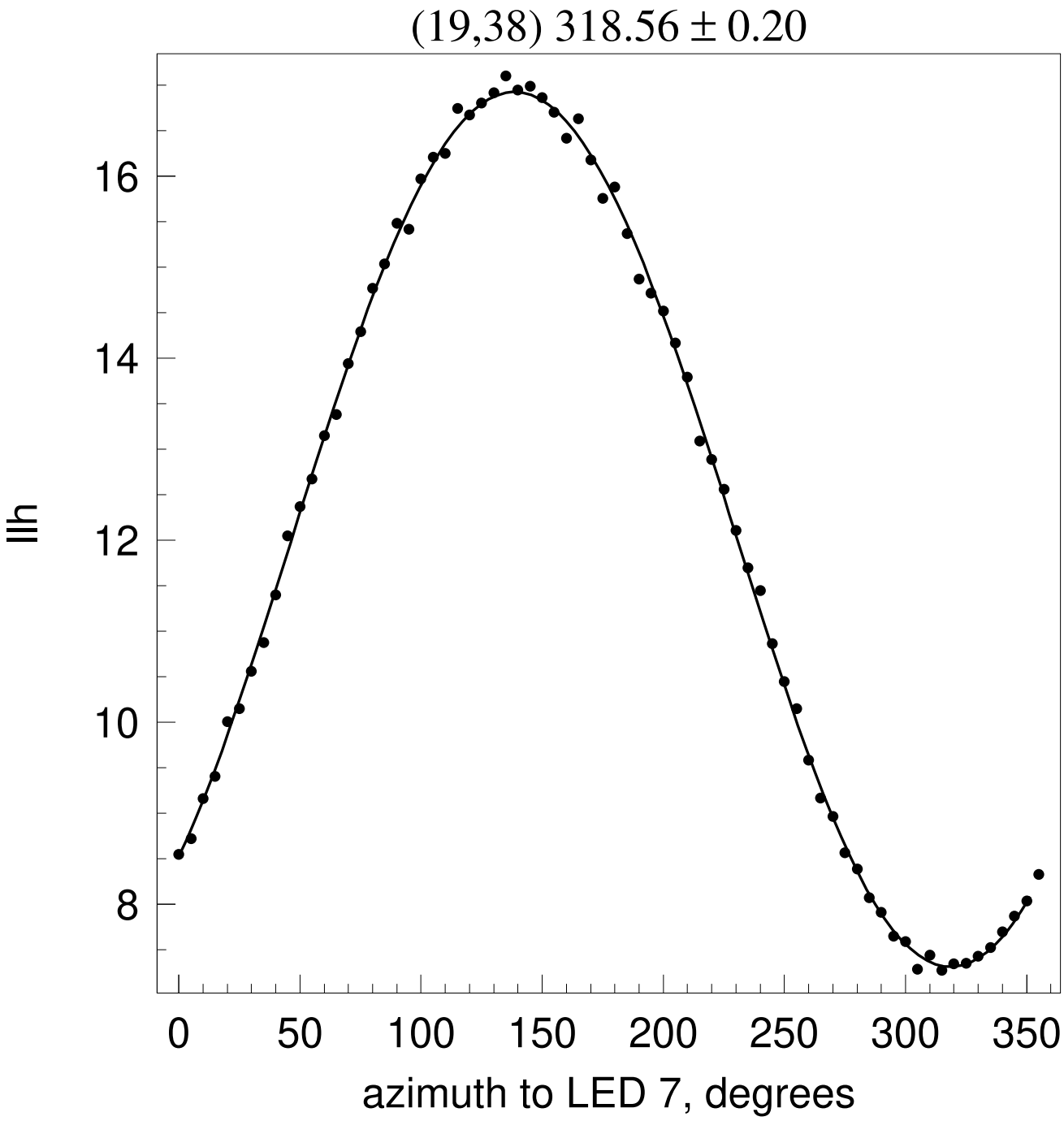

(19,33) 236.94 ± 0.66
12.5
12
11.5
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

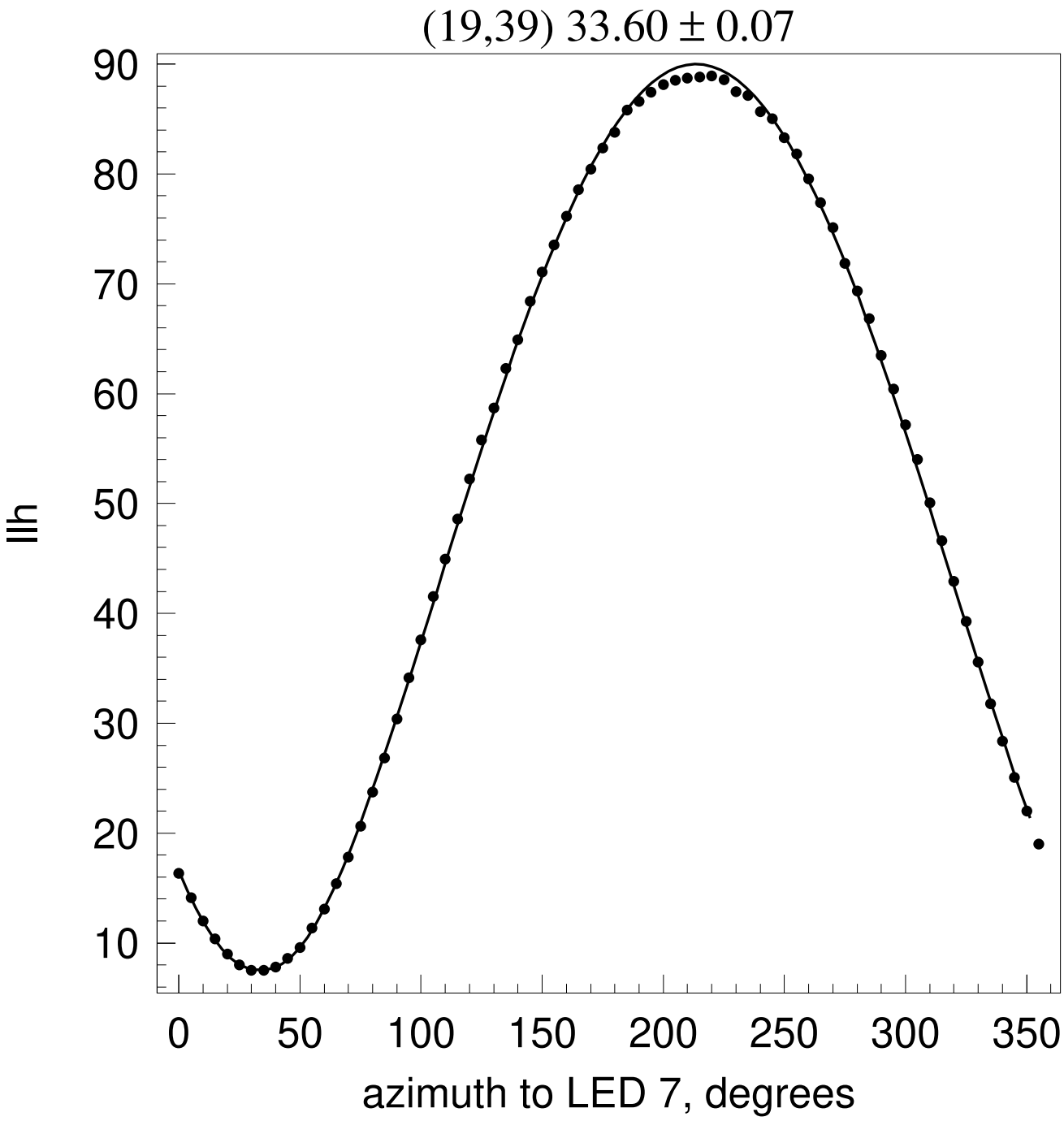

(19,34) 227.23 ± 0.00
13
12.5
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

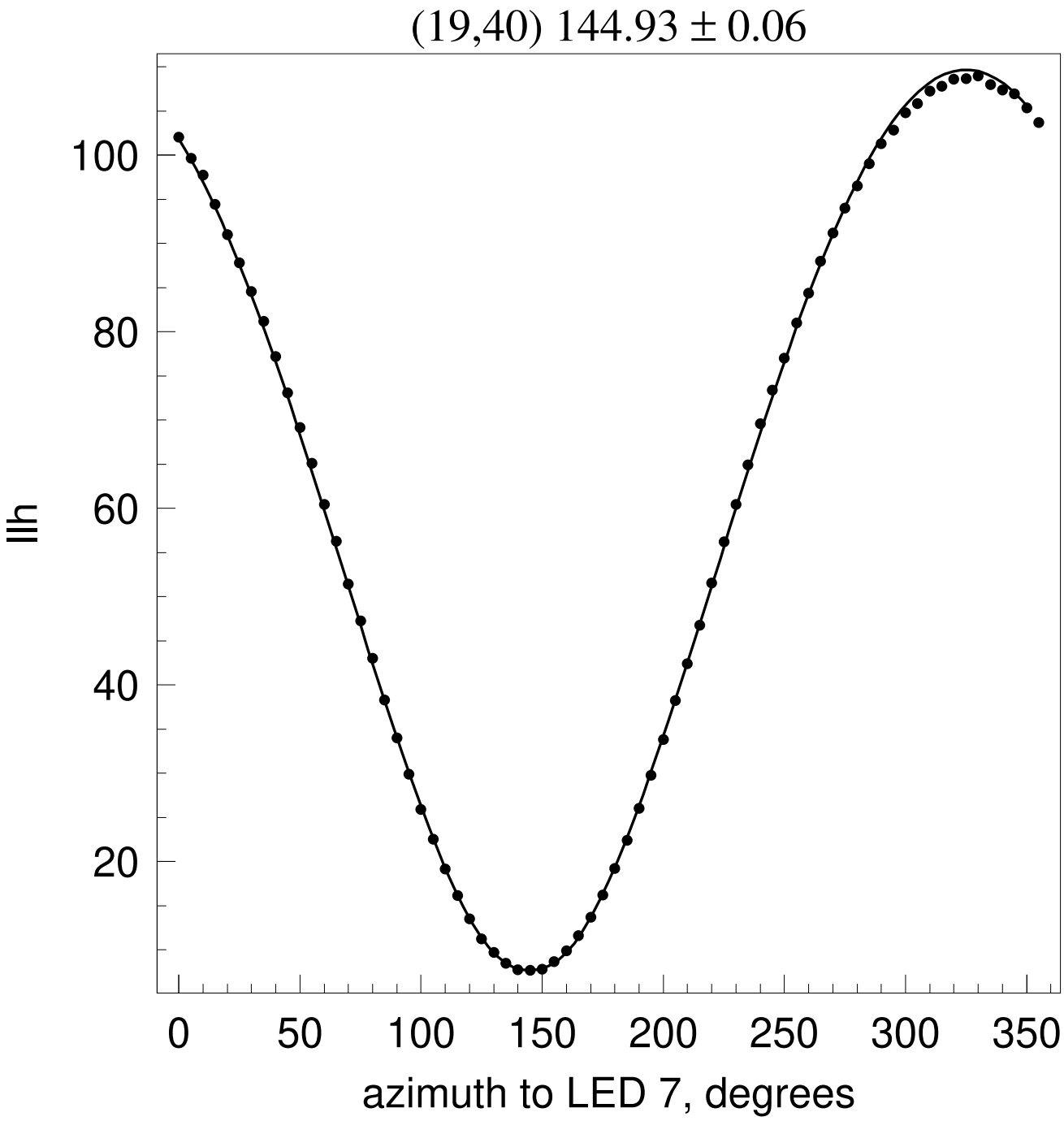

(19,35) 198.75 ± 6.85
10
9.75
9.5
9.25
9
8.75
8.5
8.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

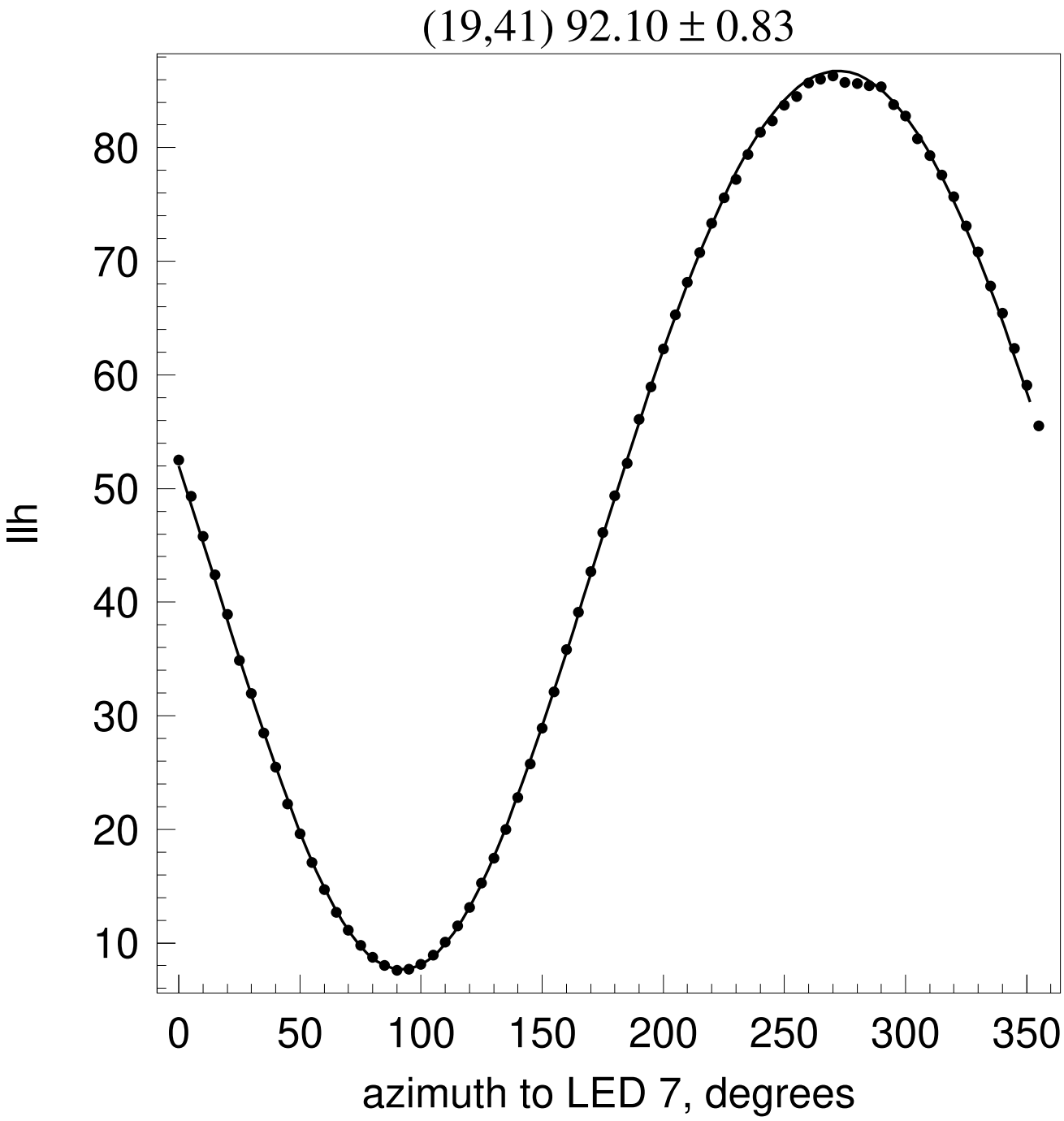

(19,36) 197.75 ± 30.15
10.2
10
9.8
9.6
9.4
9.2
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

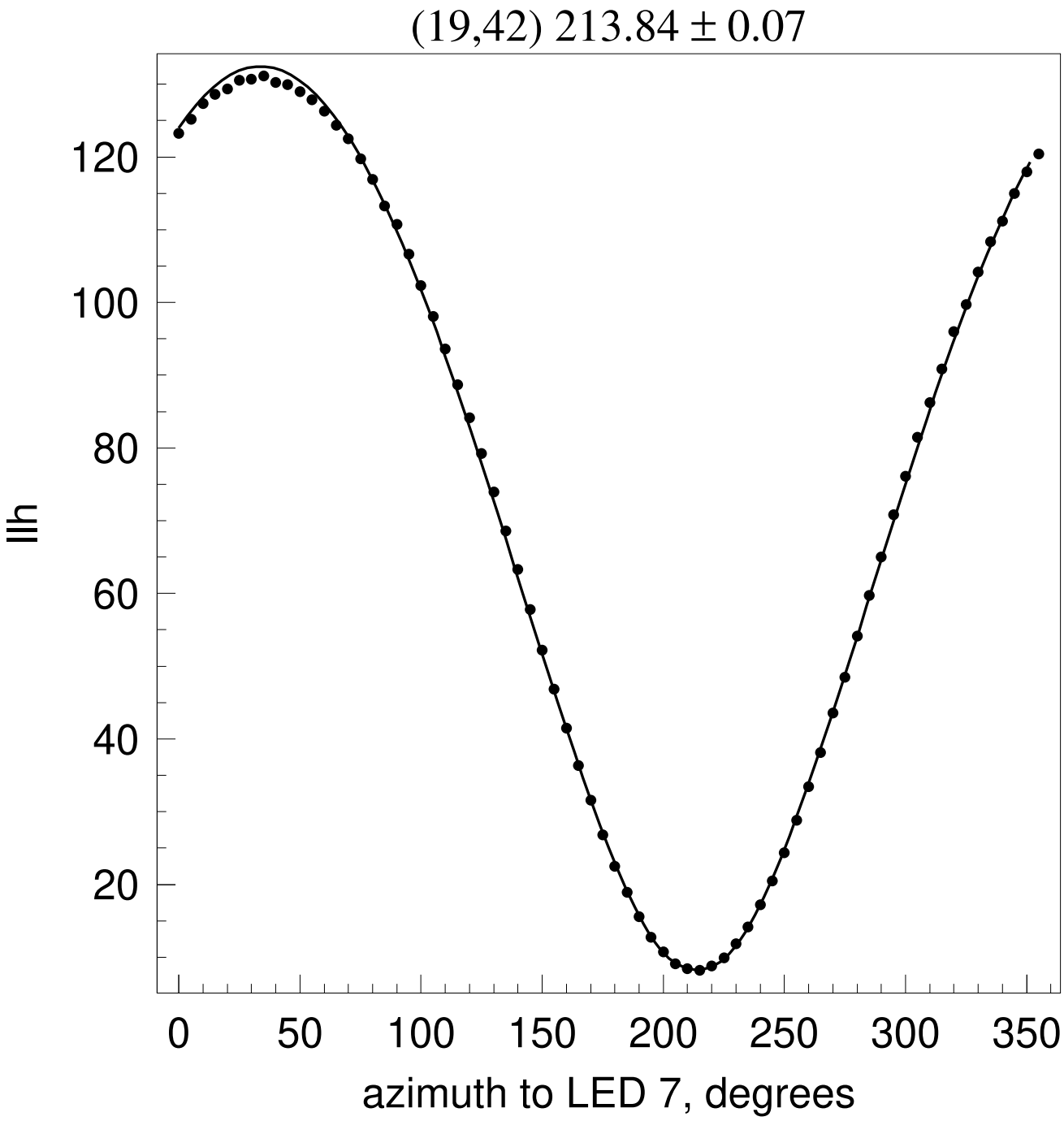

(19,37) 48.61 ± 2.12
llh
8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
7.2
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

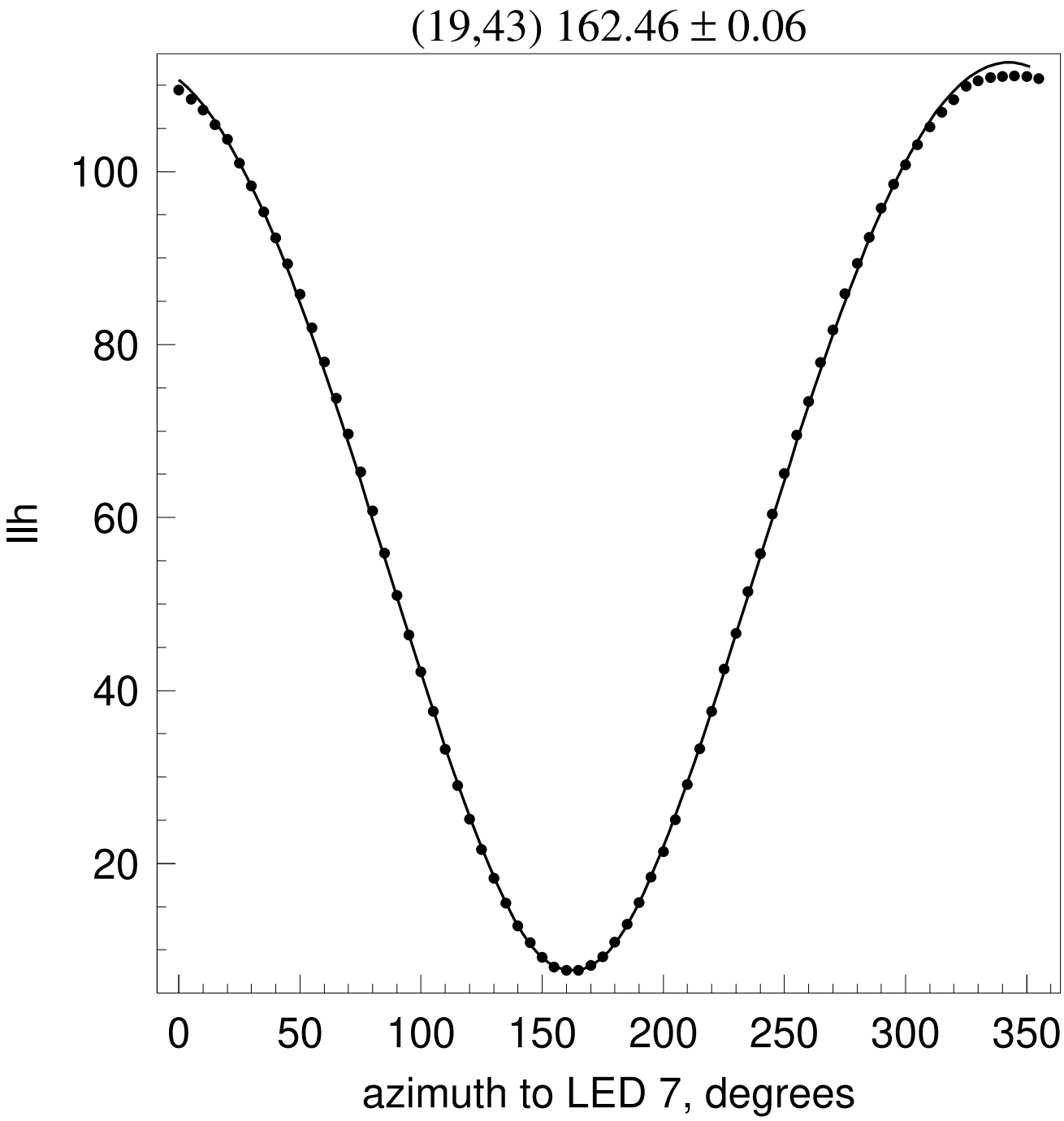

(19,38) 318.56 ± 0.20
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

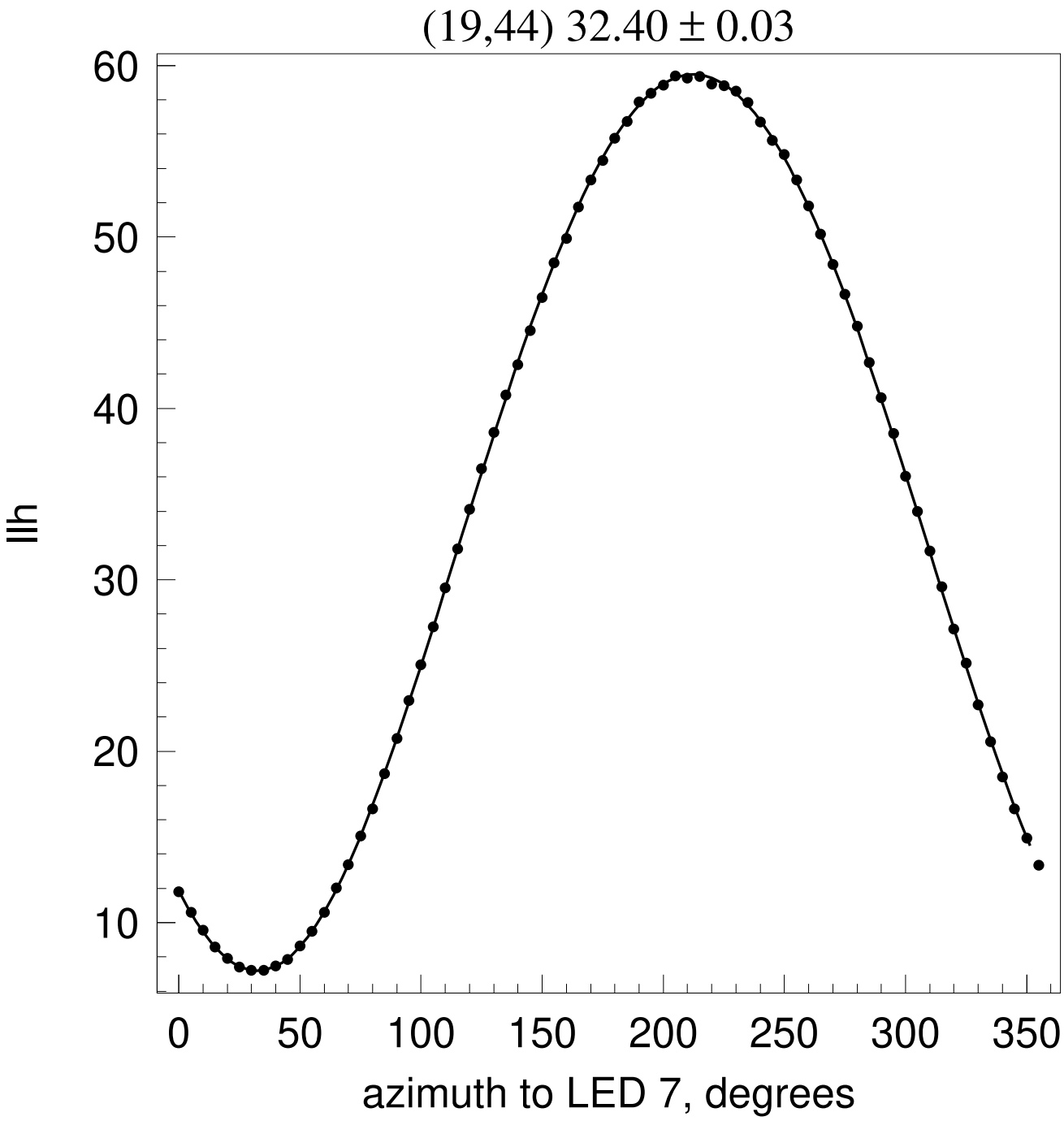

(19,39) 33.60 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

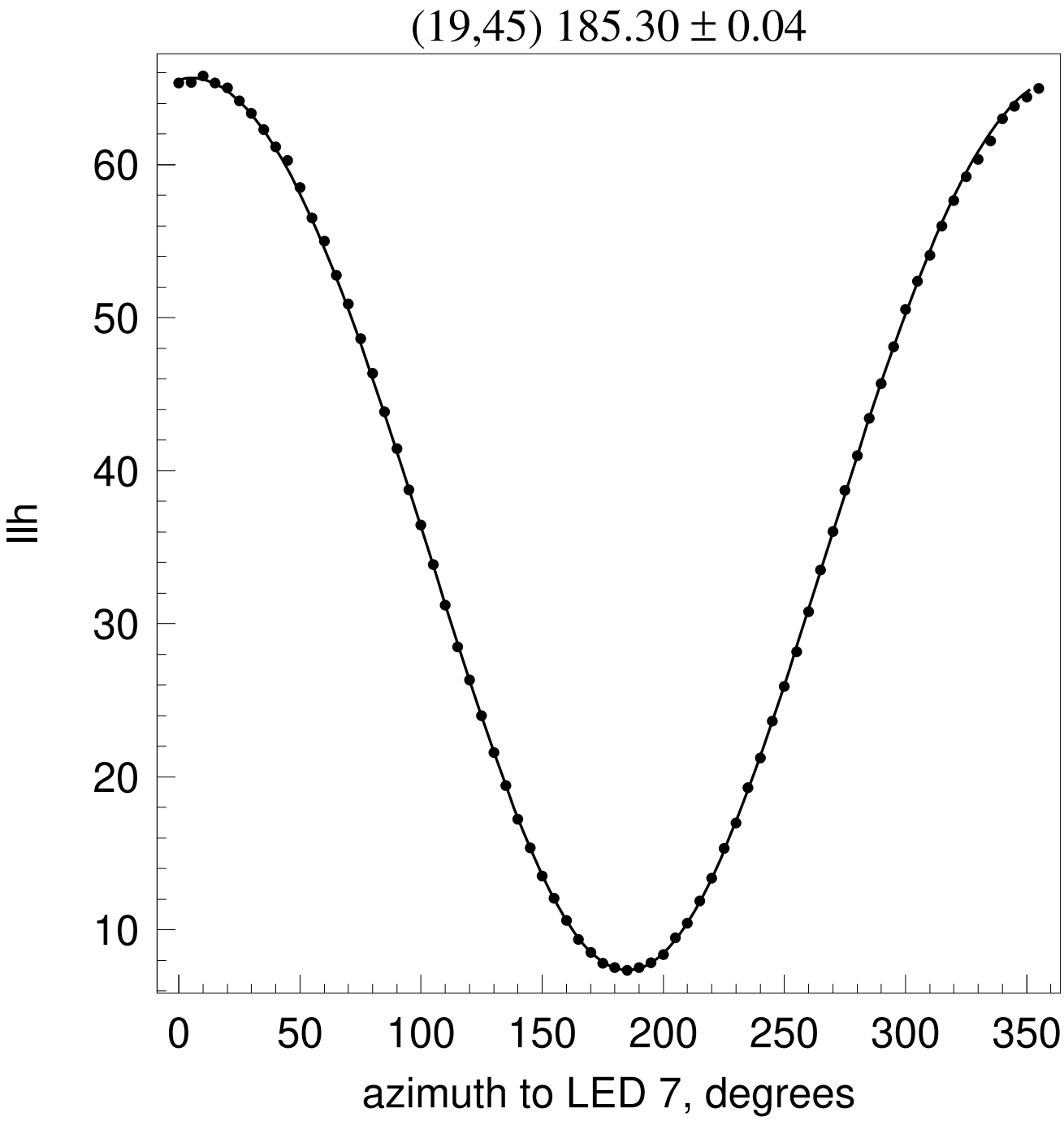

(19,40) 144.93 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

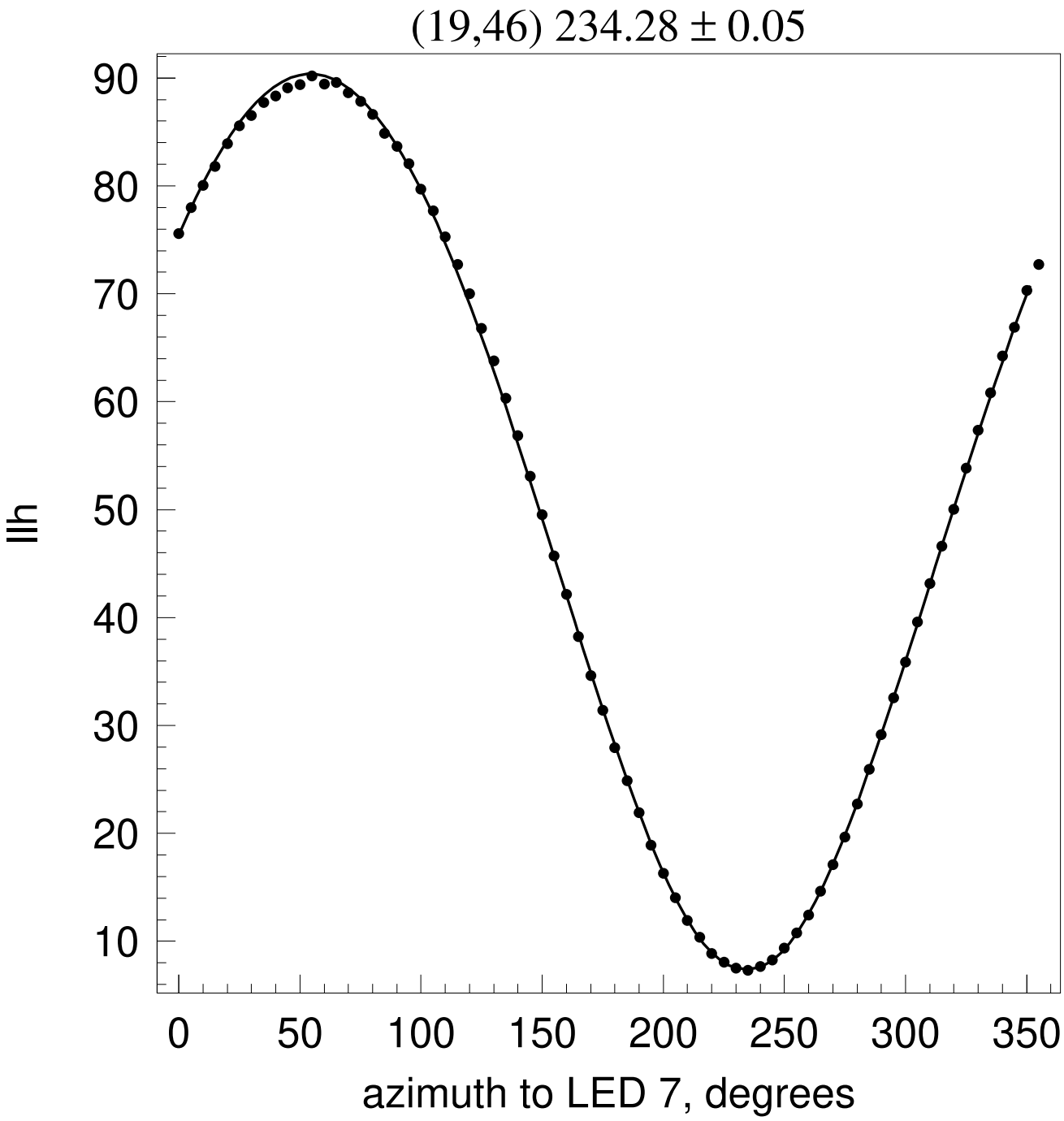

(19,41) 92.10 ± 0.83
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

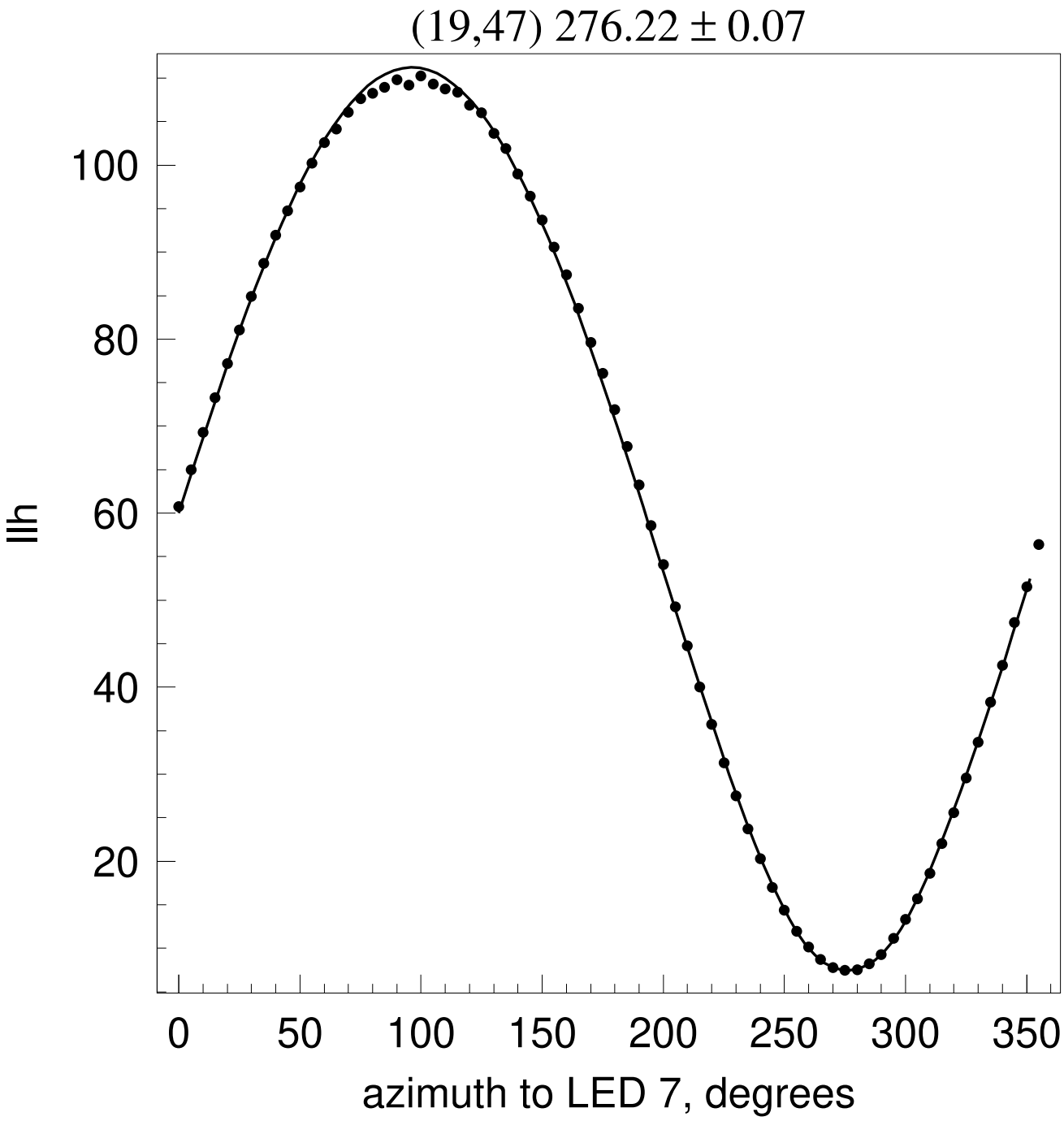

(19,42) 213.84 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

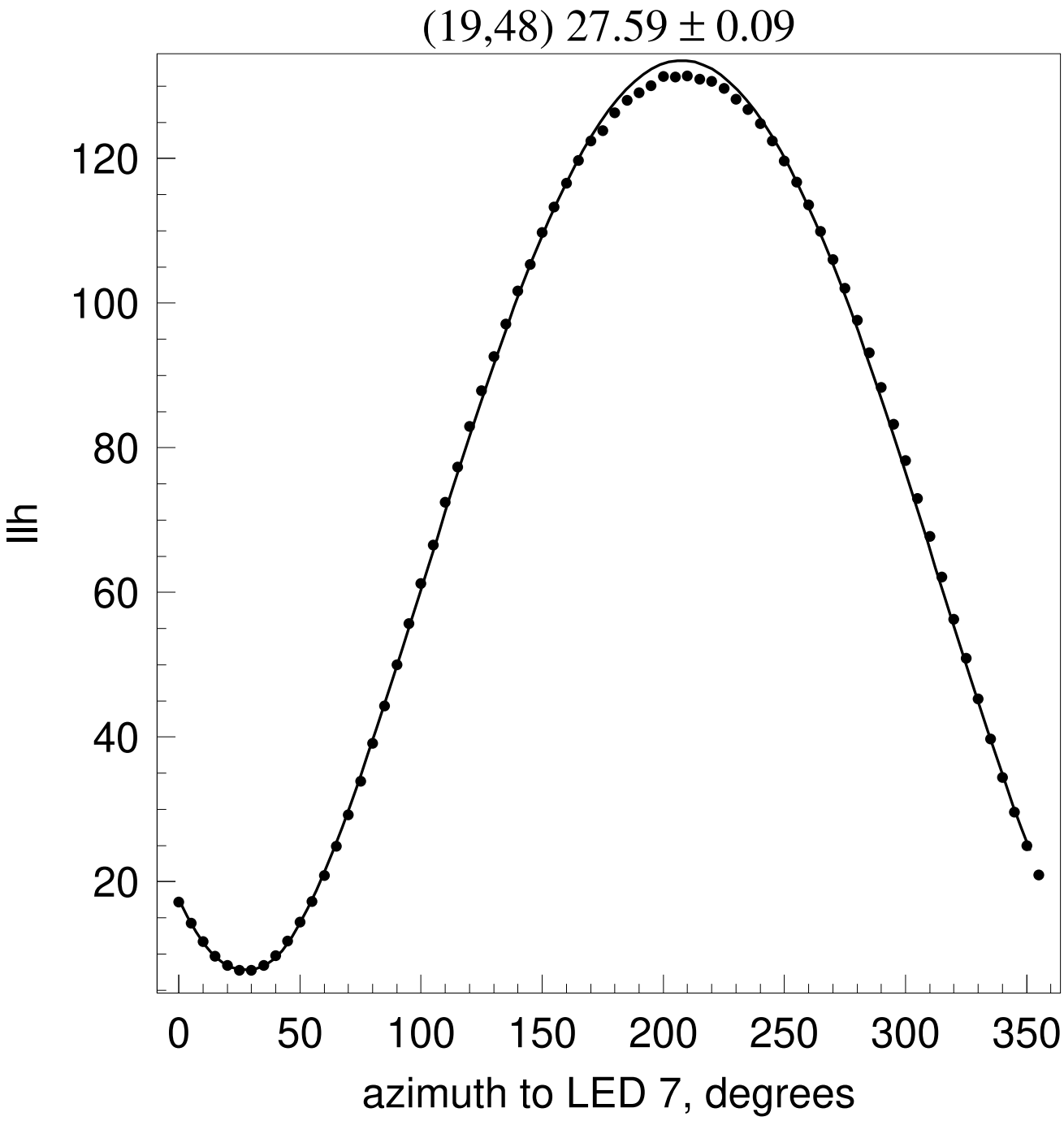

(19,43) 162.46 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

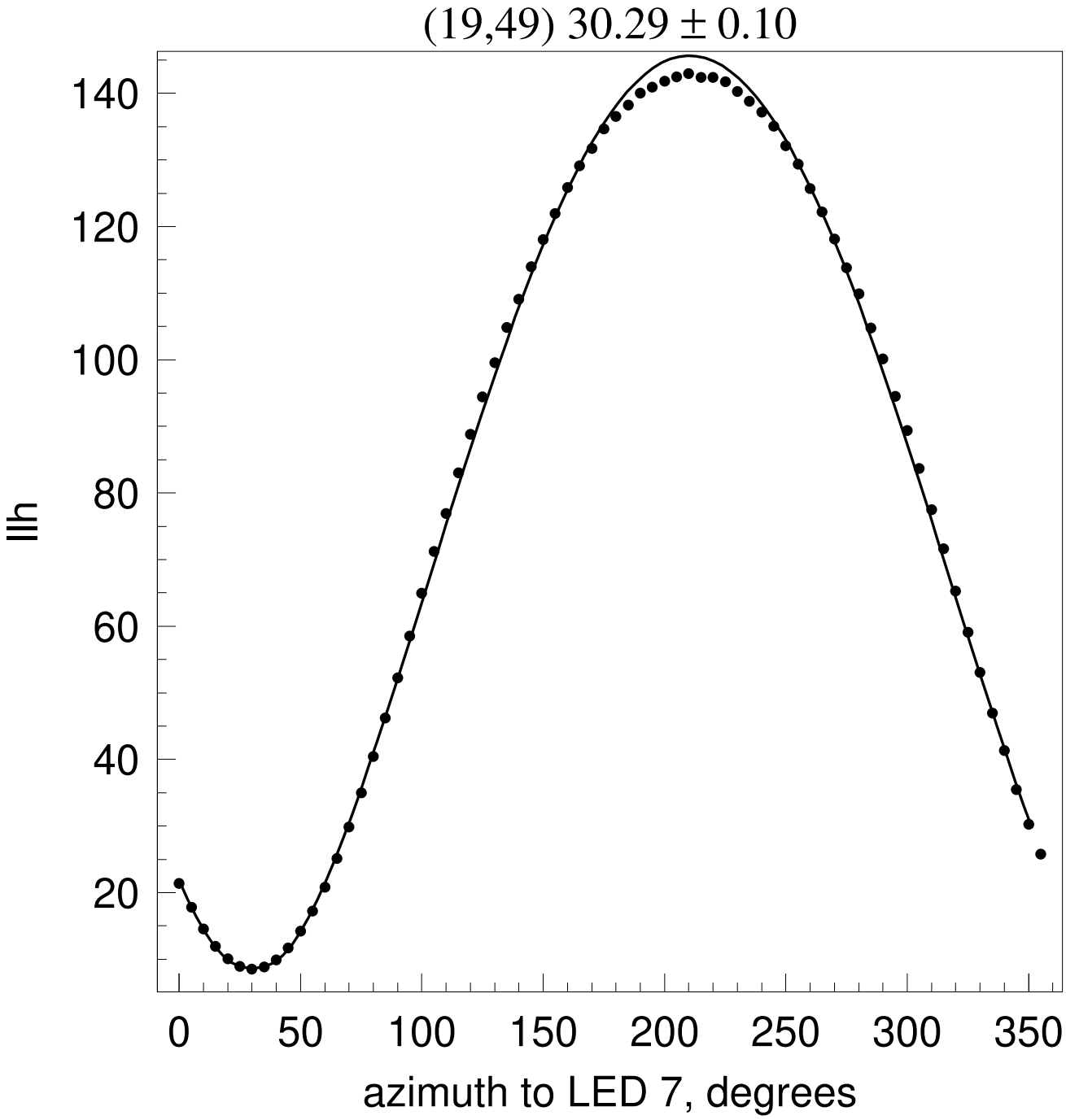

(19,44) 32.40 ± 0.03
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

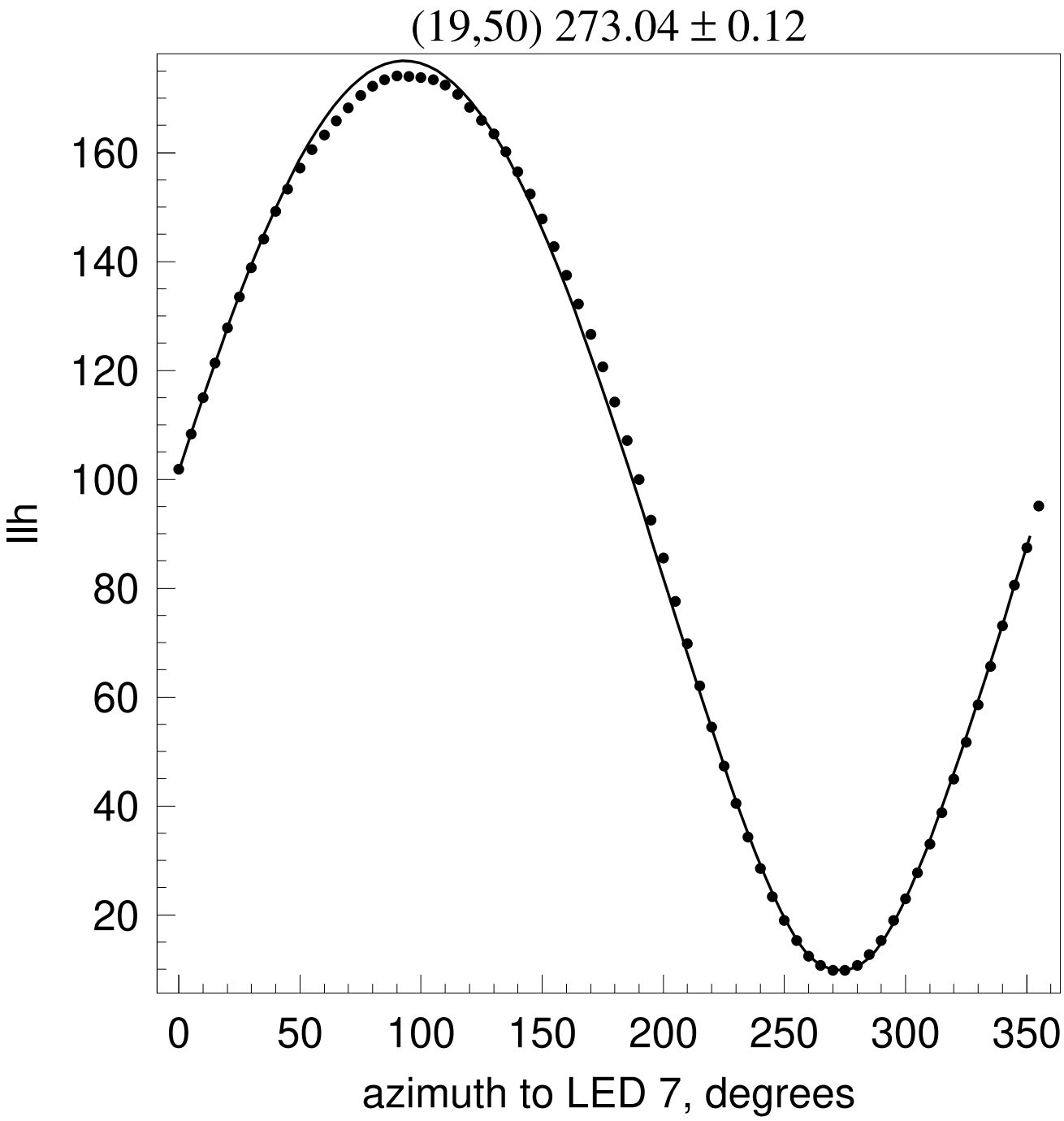

(19,45) 185.30 ± 0.04
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

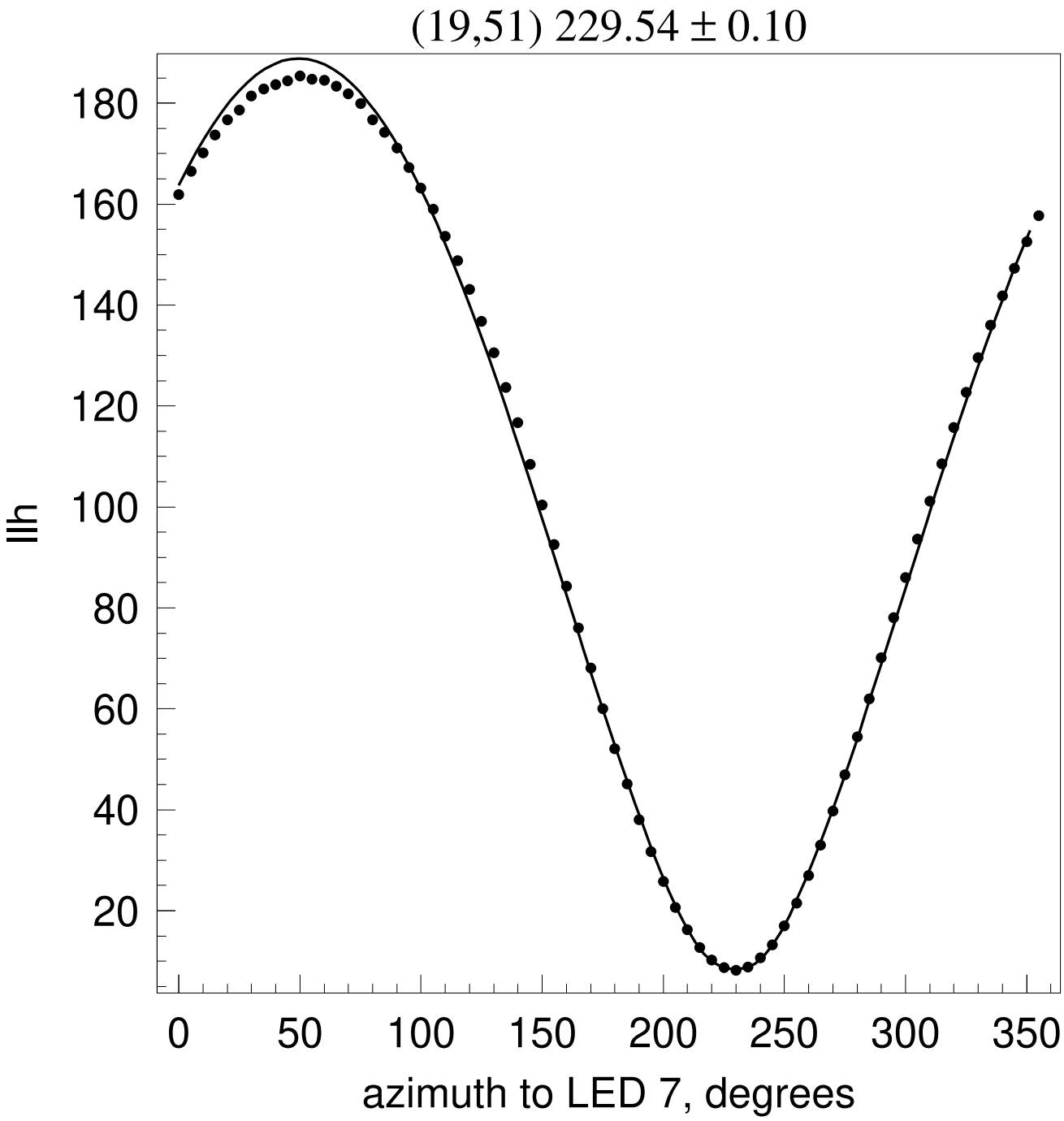

(19,46) 234.28 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

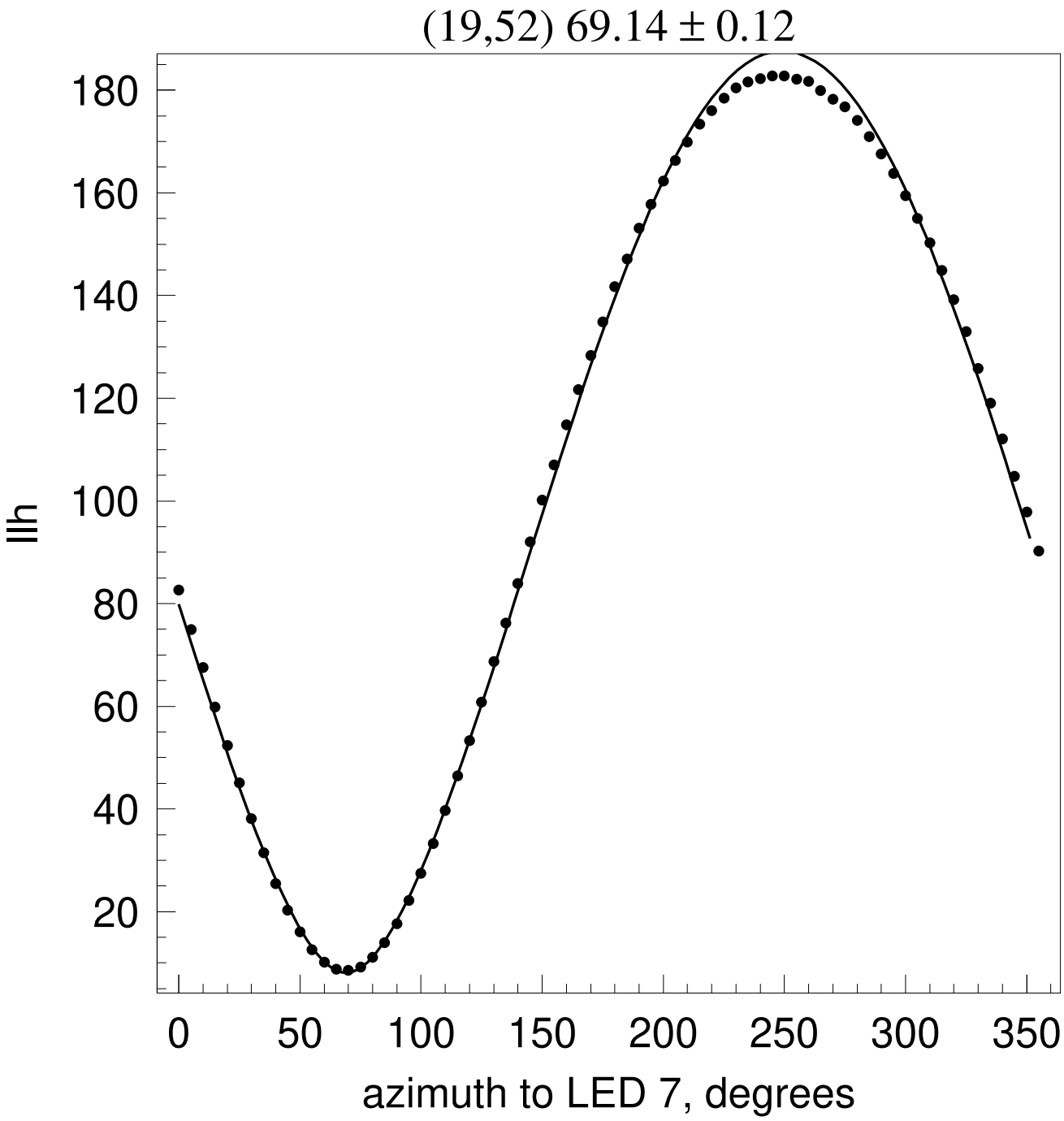

(19,47) 276.22 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

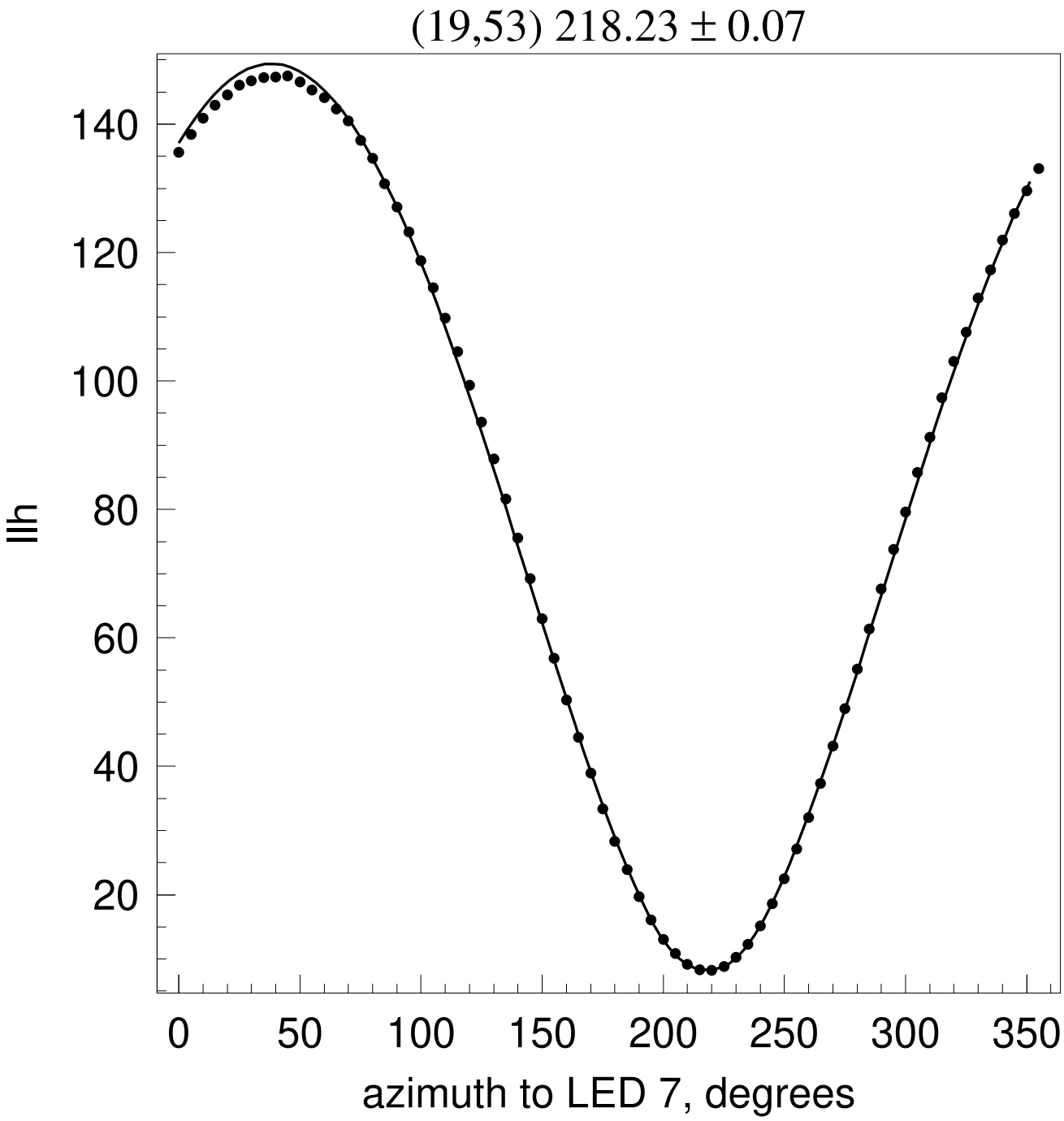

(19,48) 27.59 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

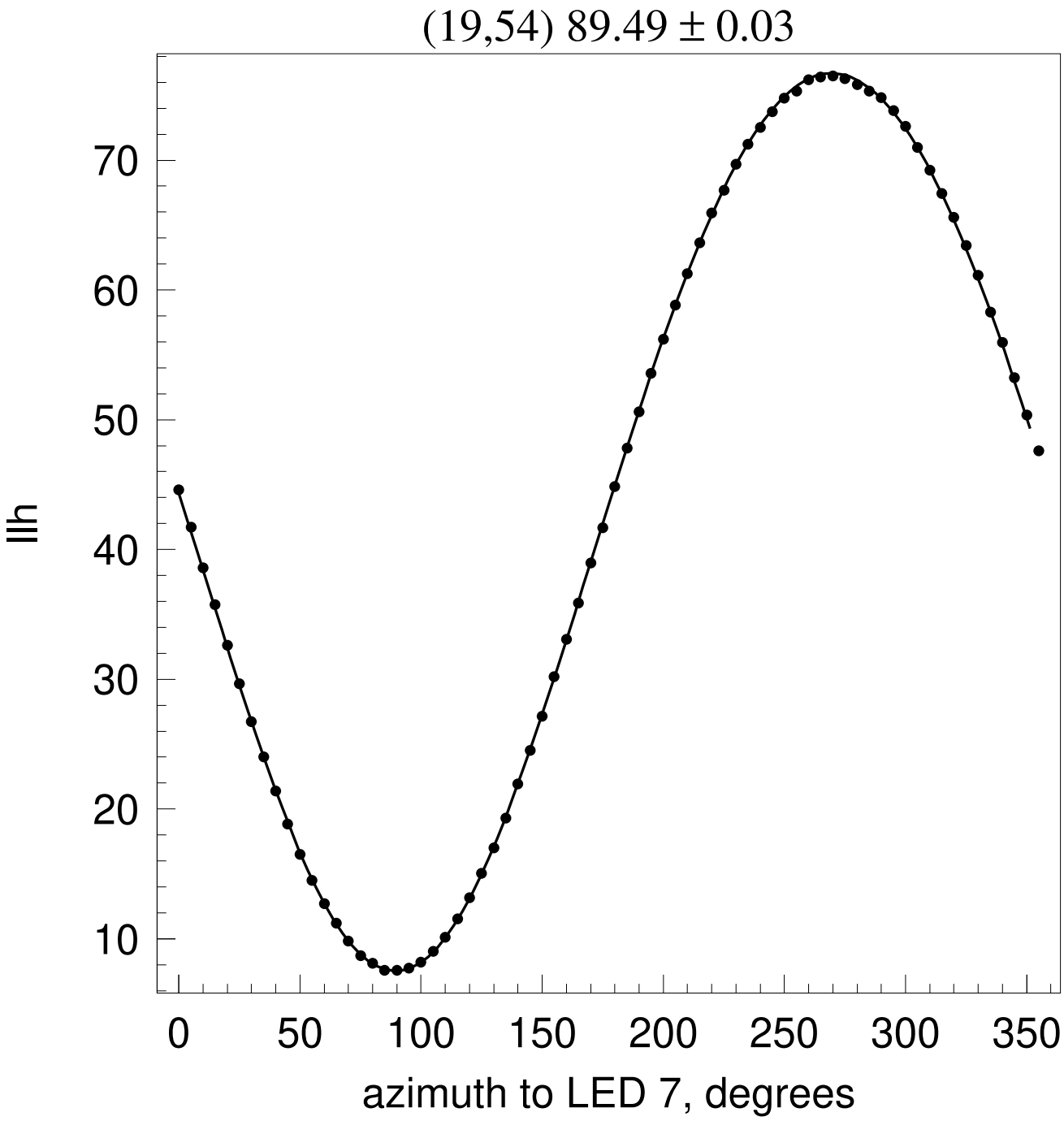

(19,49) 30.29 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

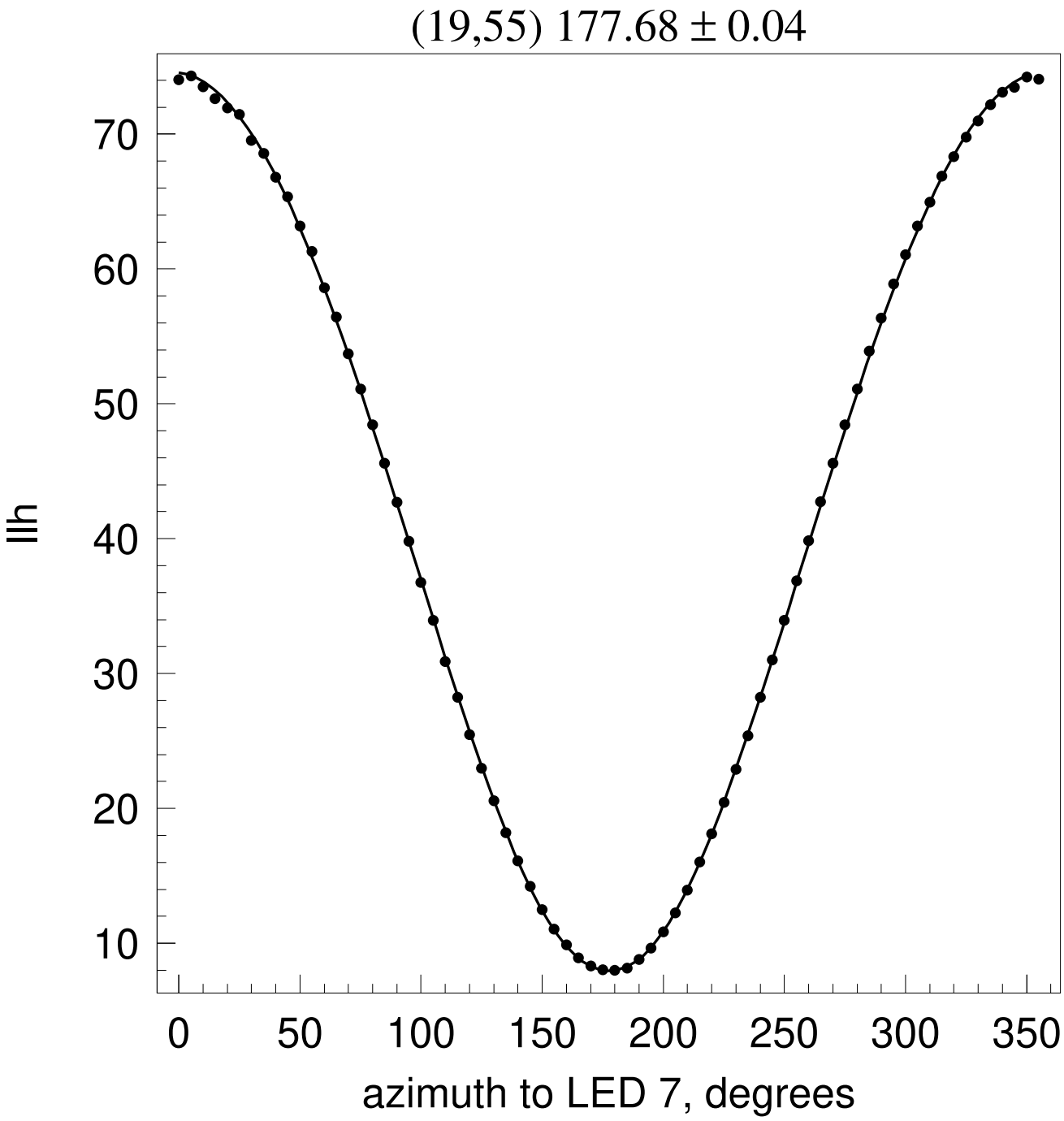

(19,50) 273.04 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

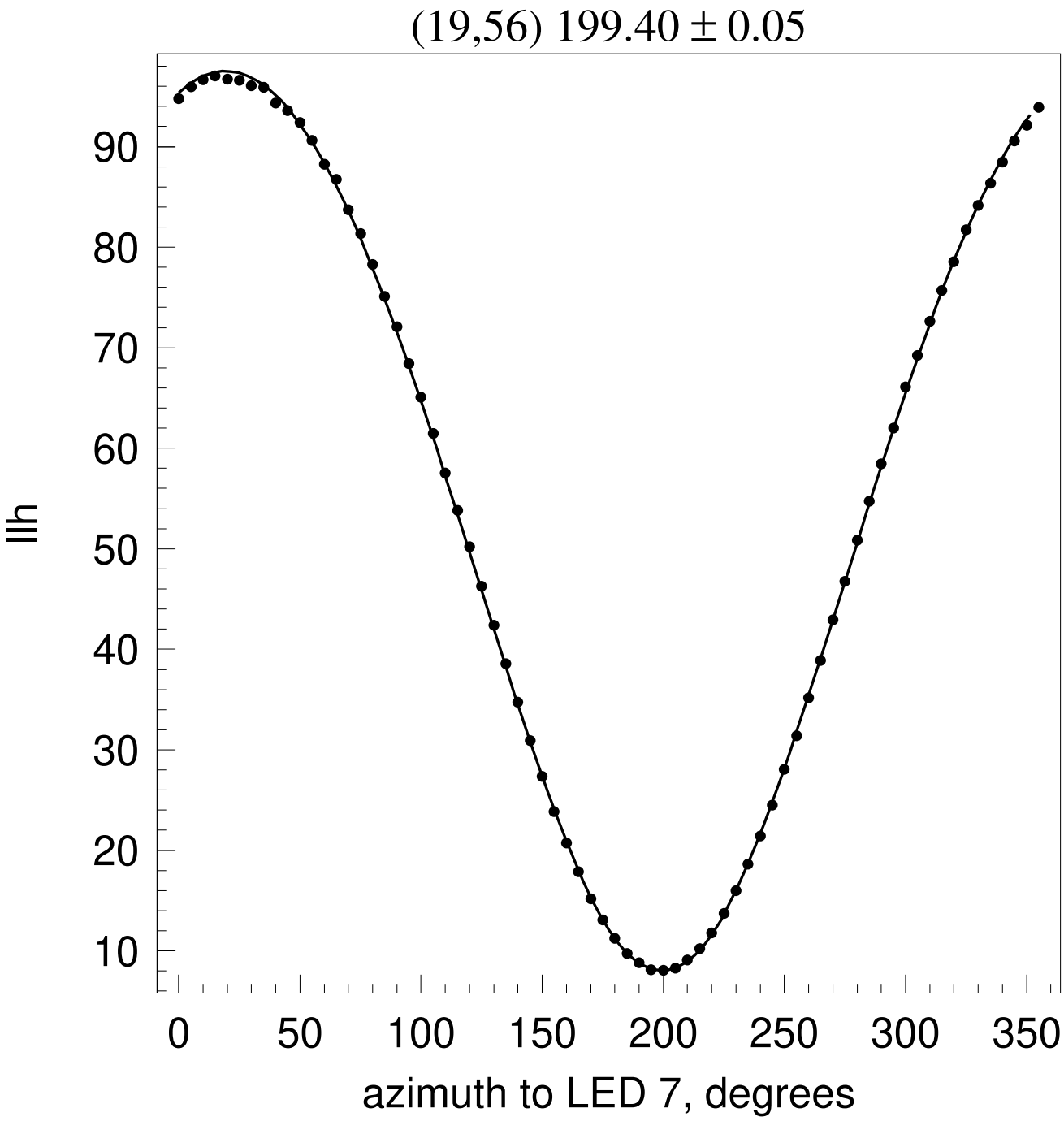

(19,51) 229.54 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

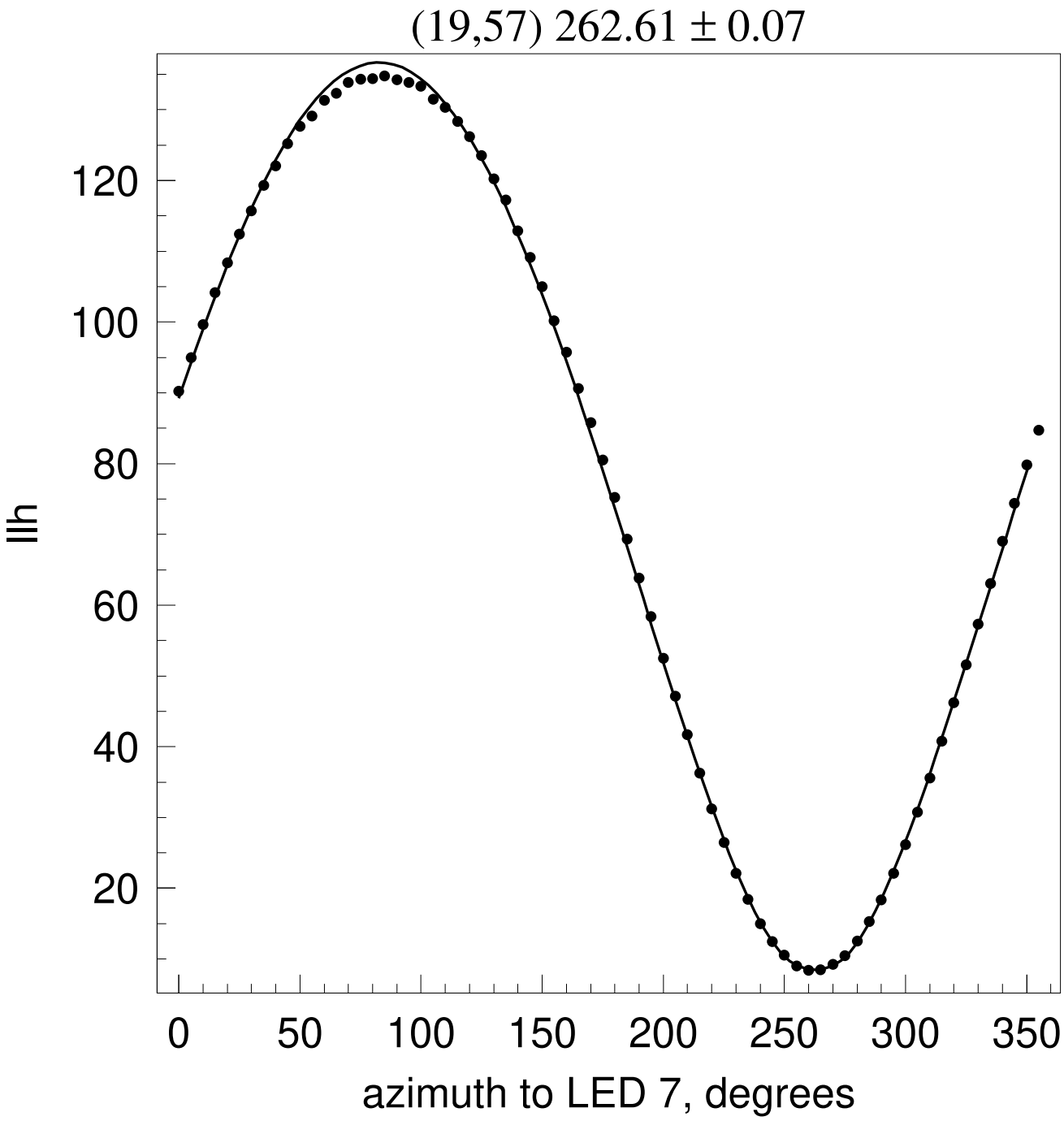

(19,52) 69.14 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

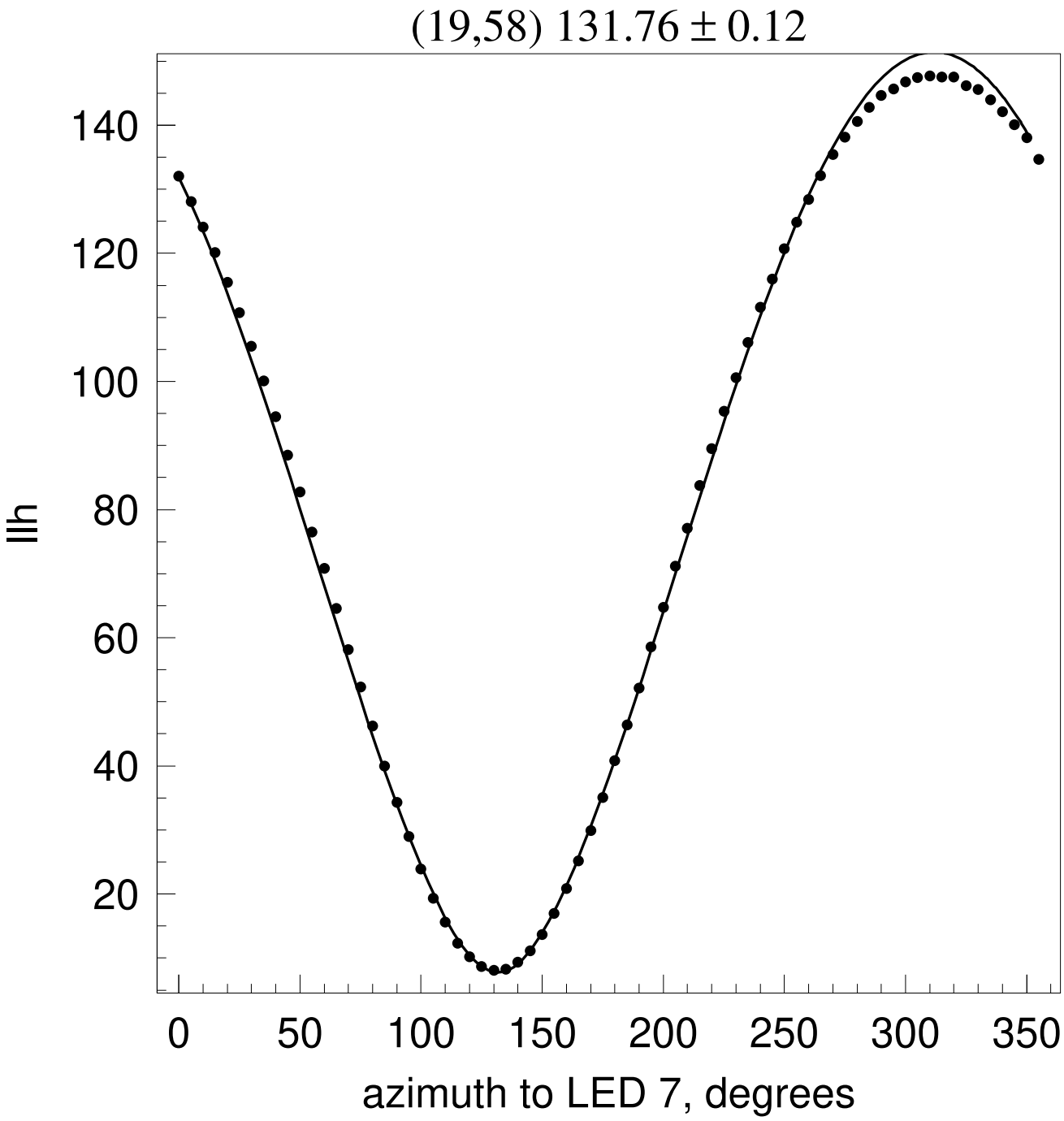

(19,53) 218.23 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

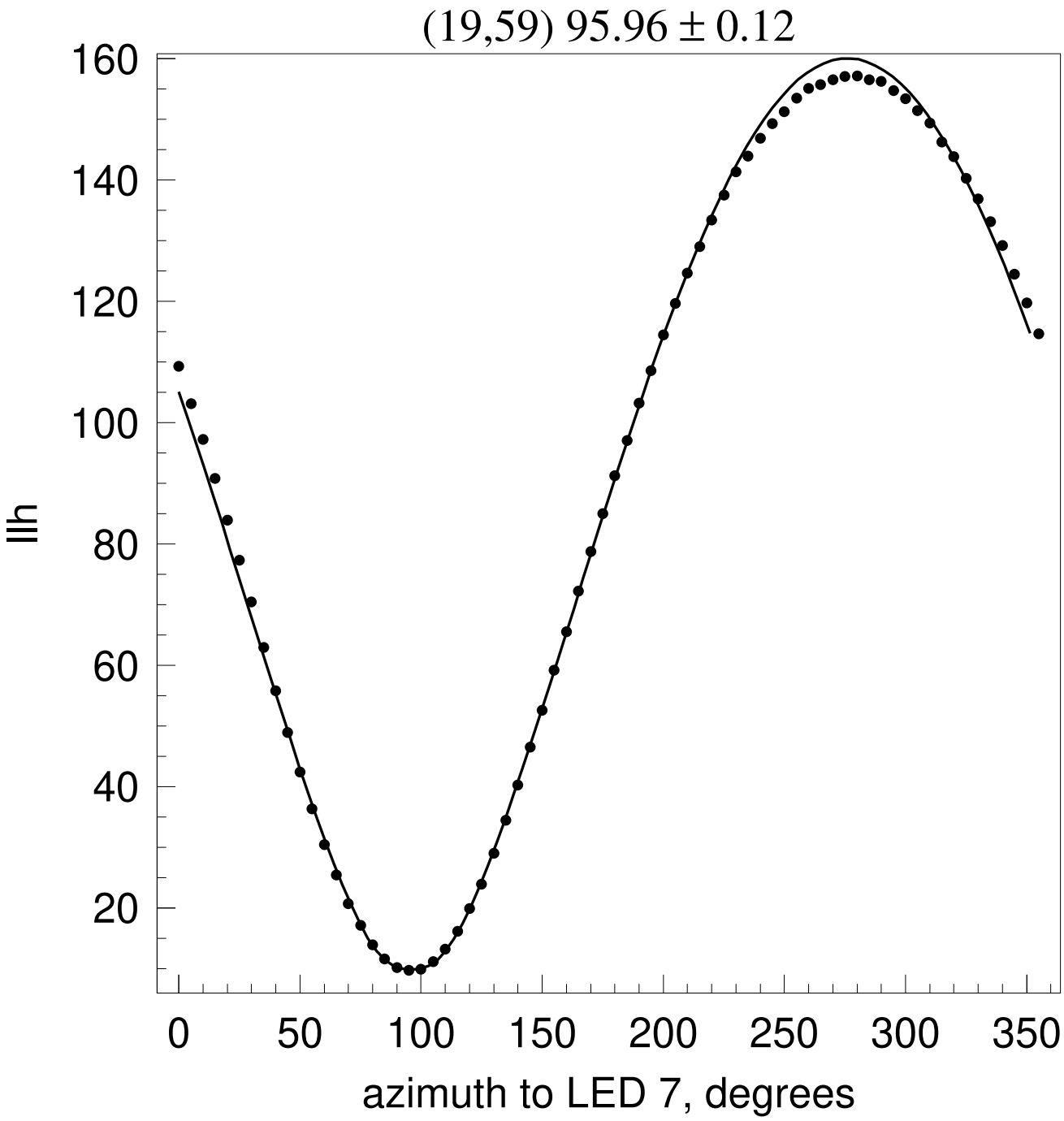

(19,54) 89.49 ± 0.03
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

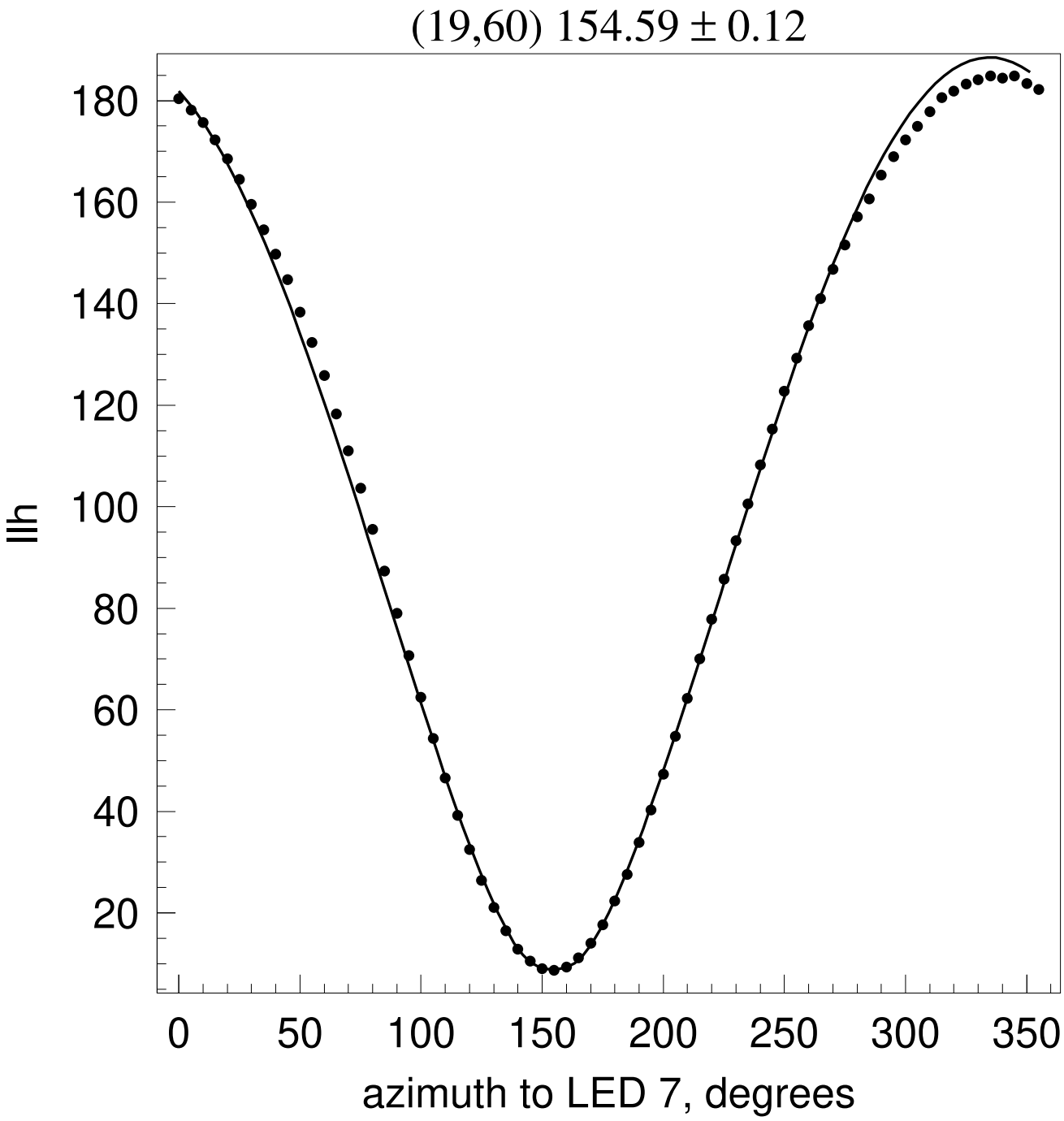

(19,55) 177.68 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

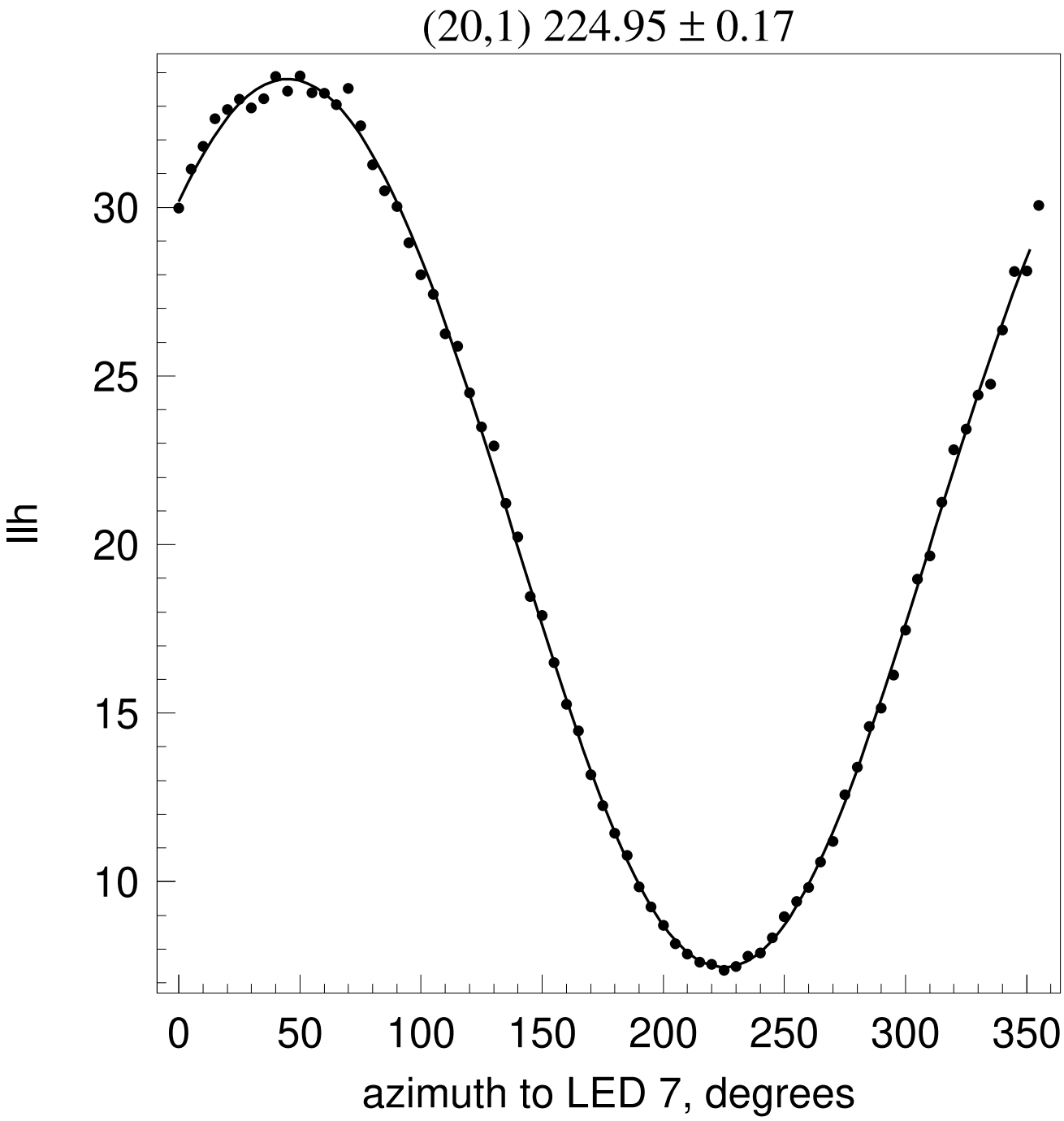

(19,56) 199.40 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

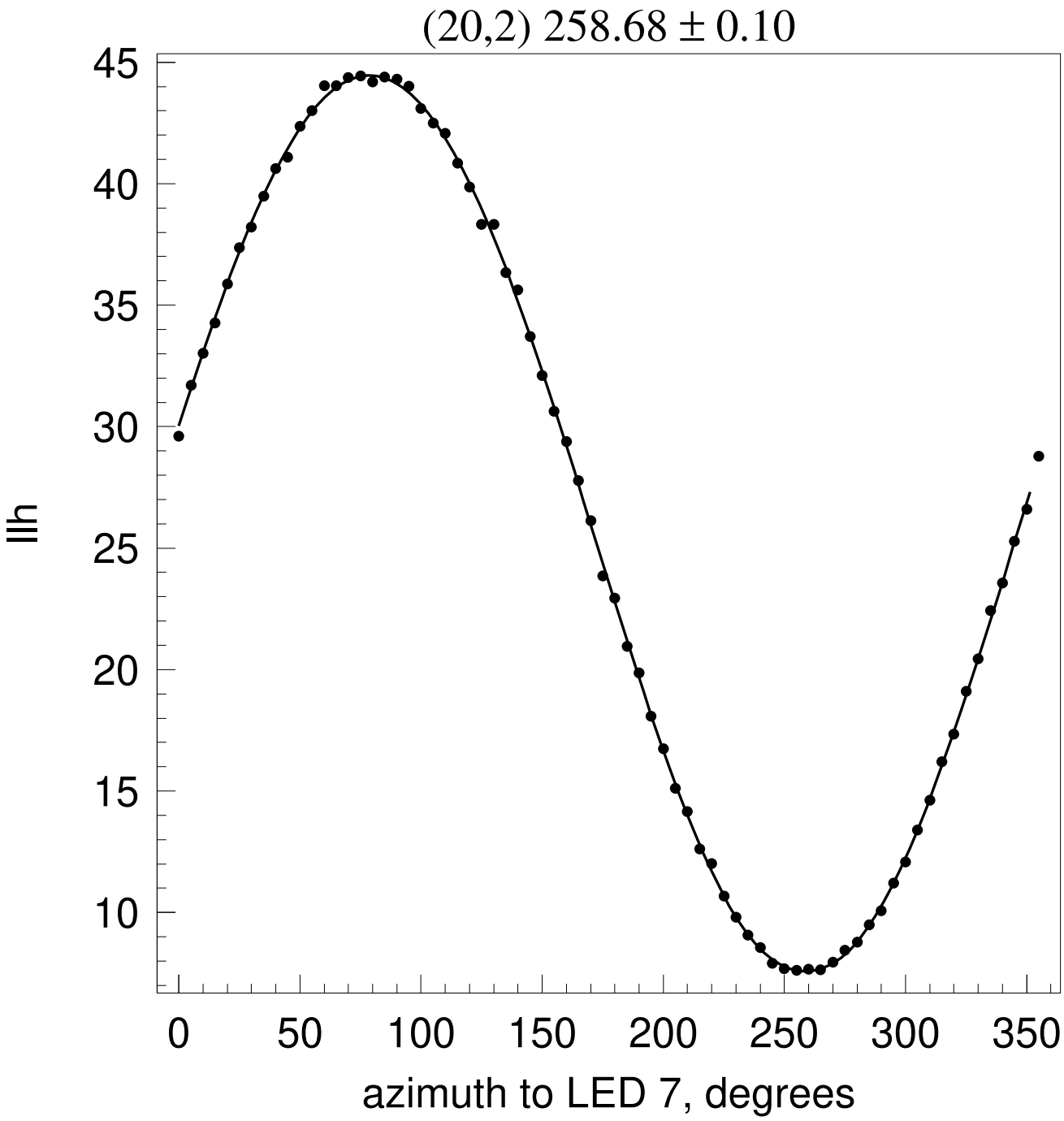

(19,57) 262.61 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

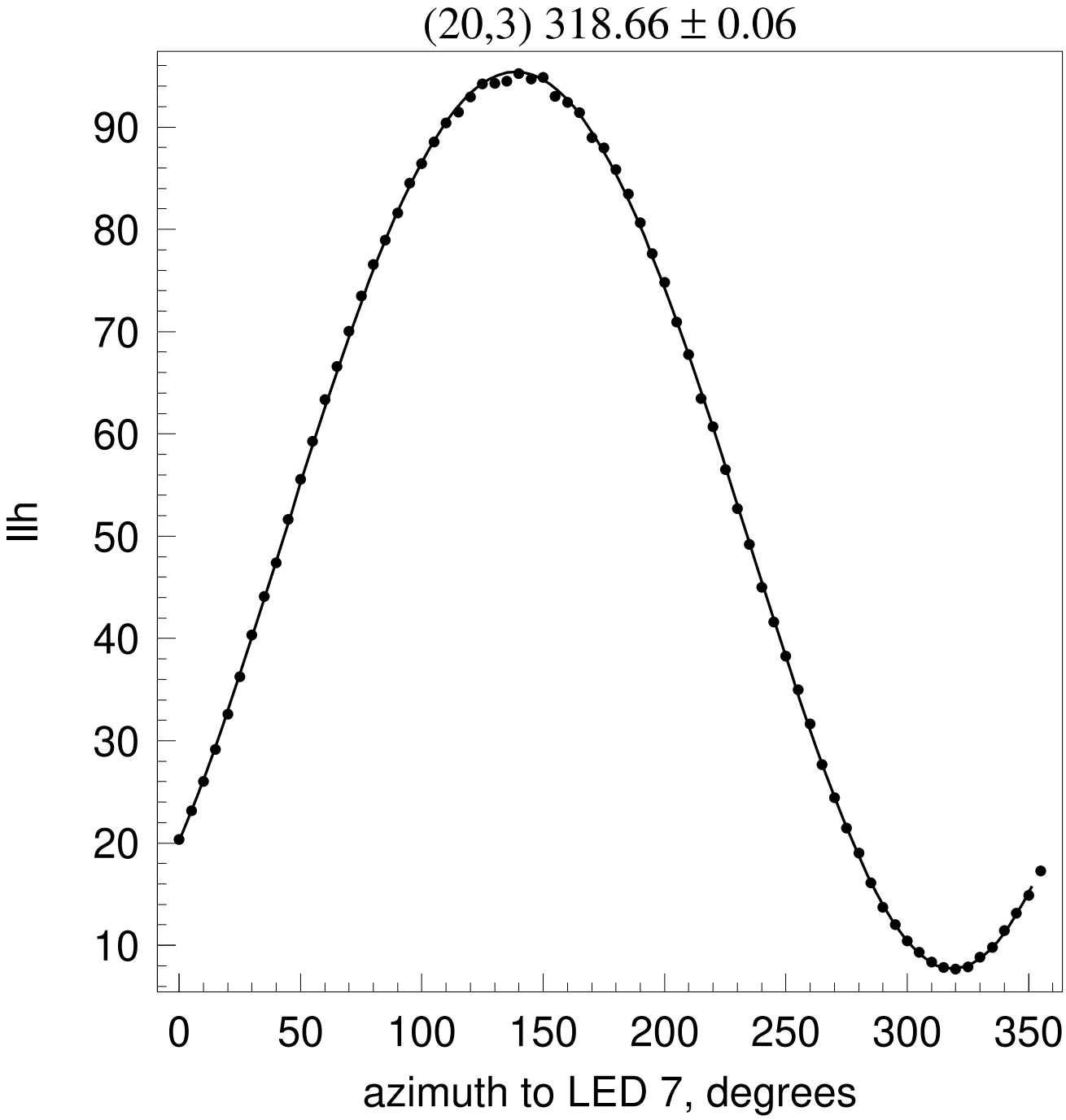

(19,58) 131.76 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

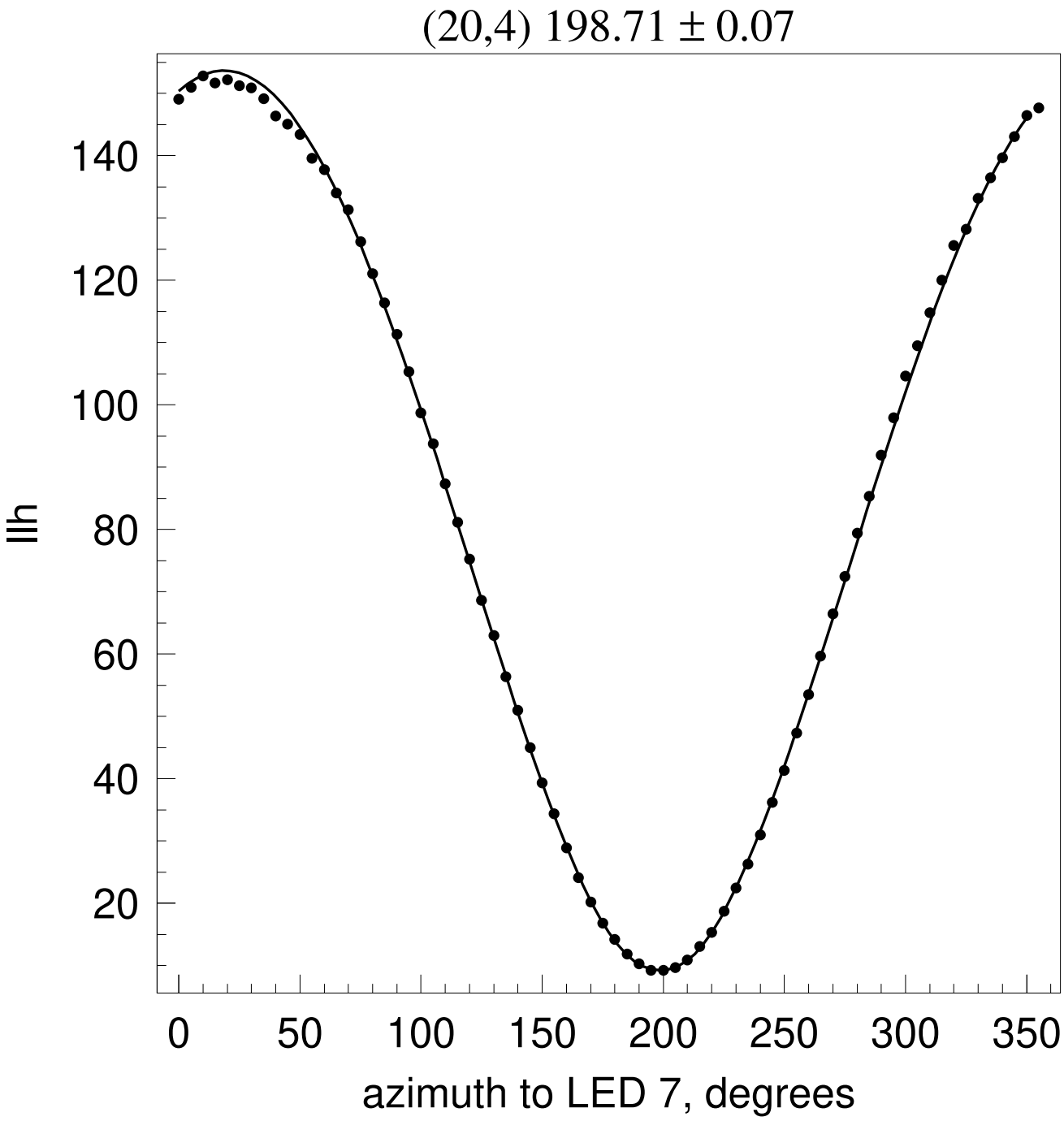

(19,59) 95.96 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

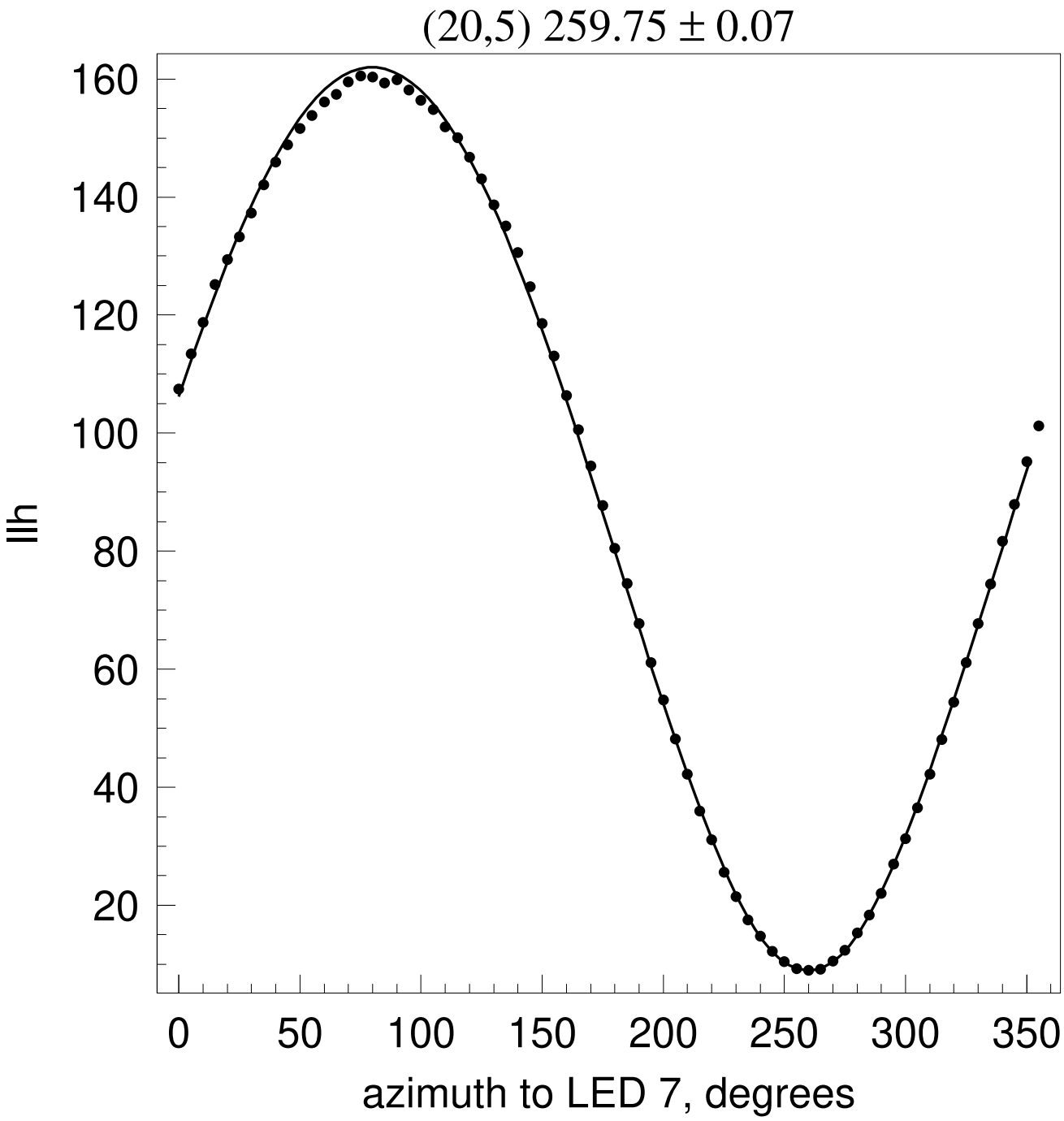

(19,60) 154.59 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

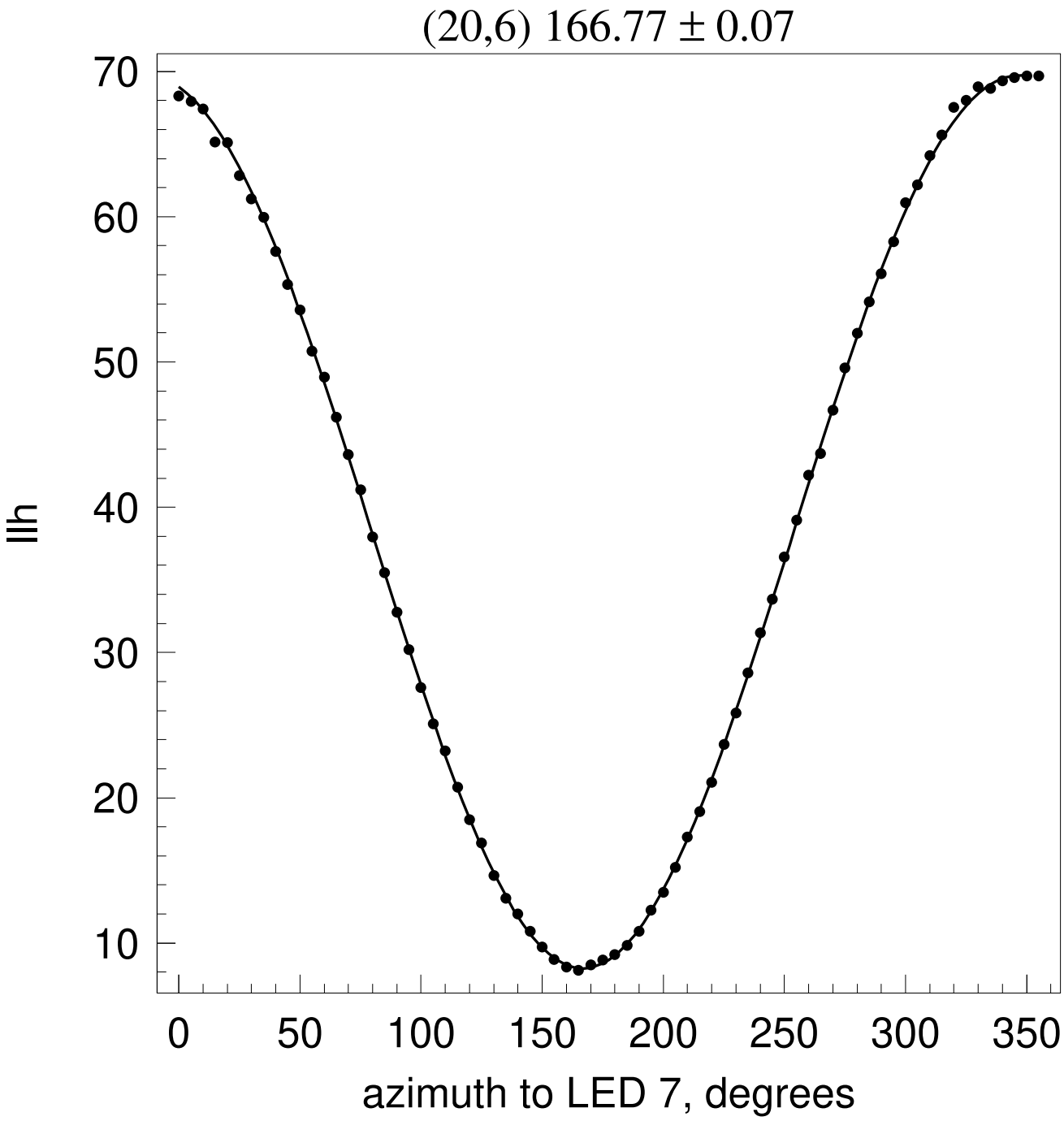

(20,1) 224.95 ± 0.17
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

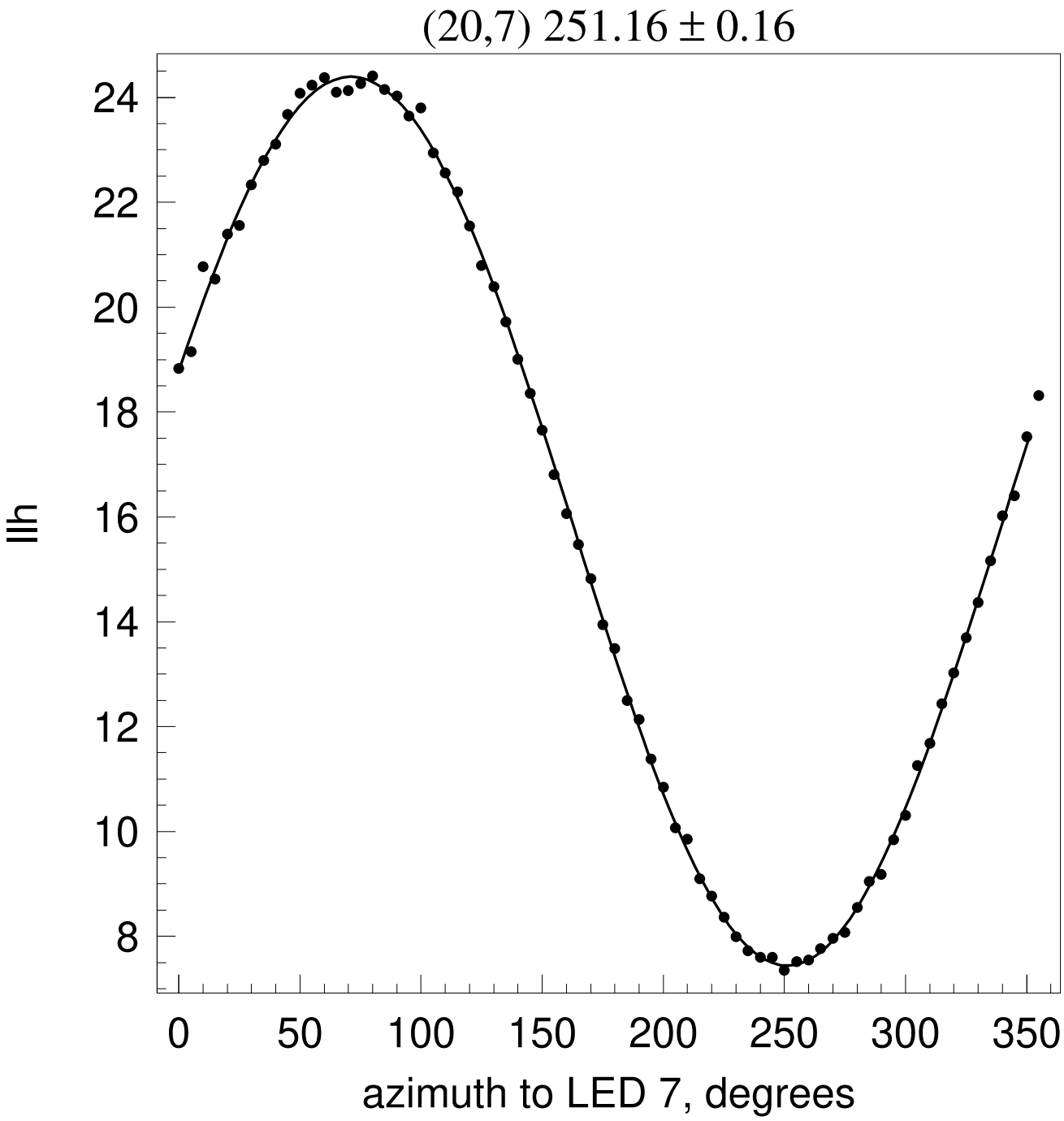

(20,2) 258.68 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

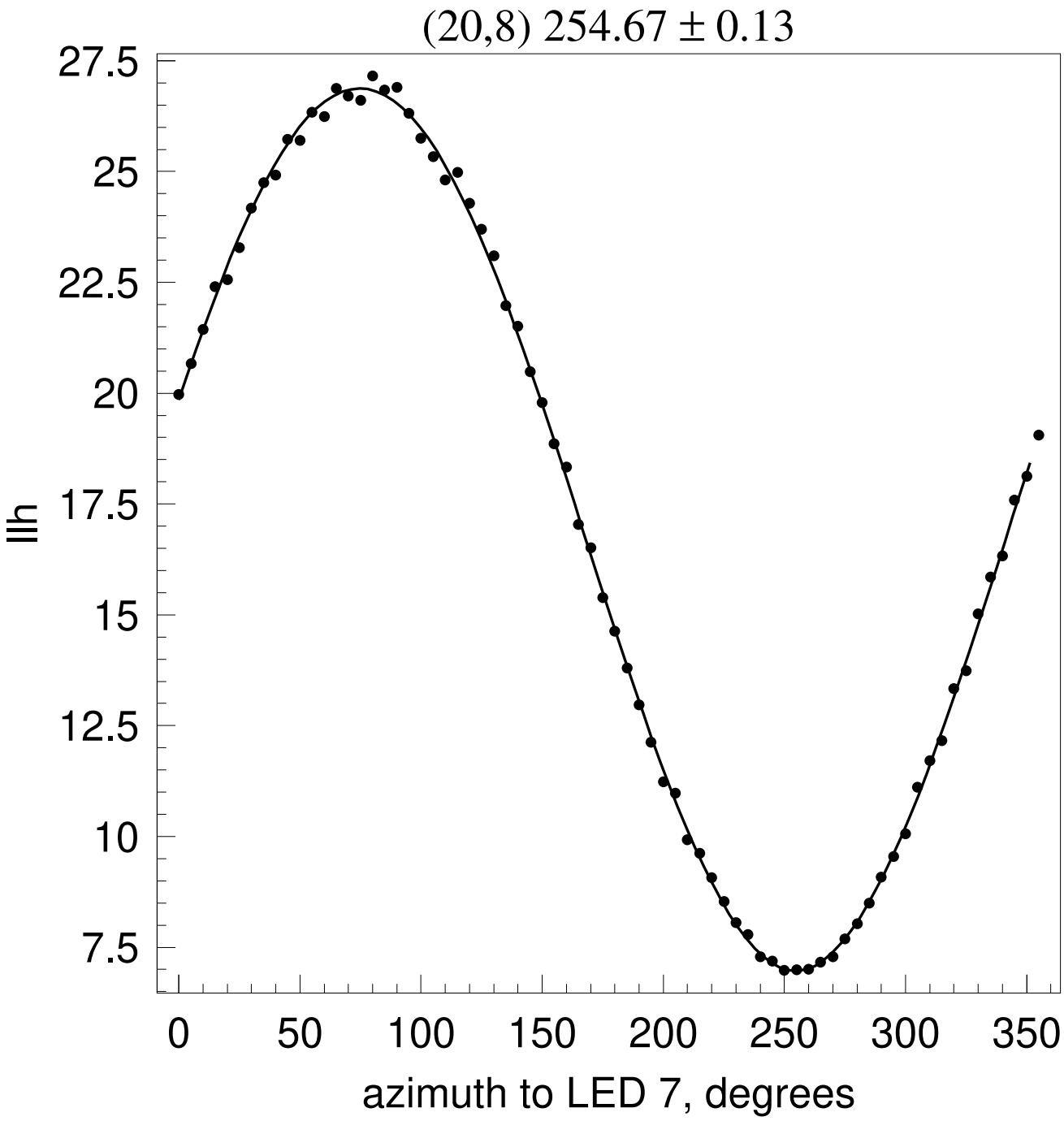

(20,3) 318.66 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

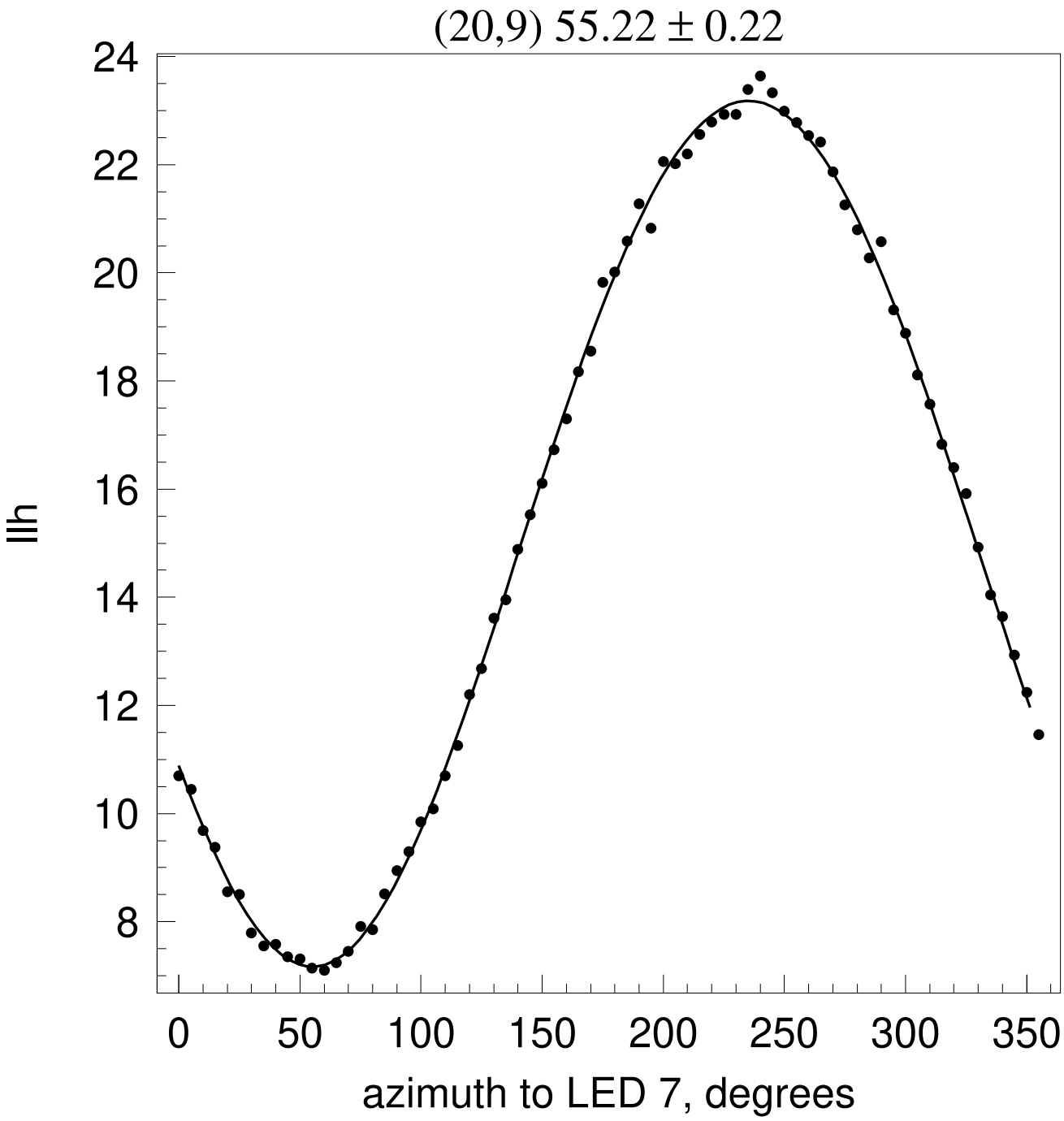

(20,4) 198.71 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

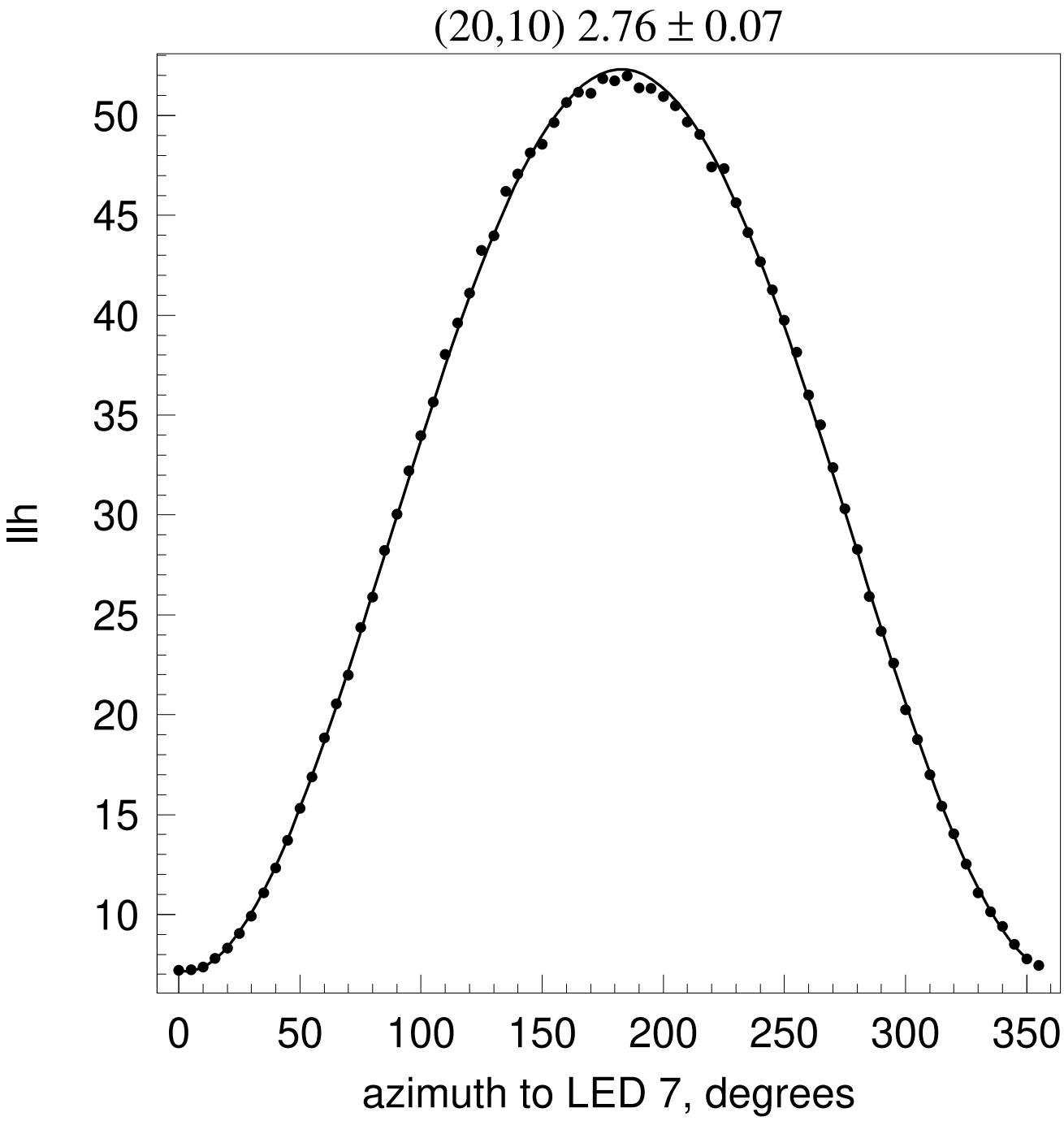

(20,5) 259.75 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

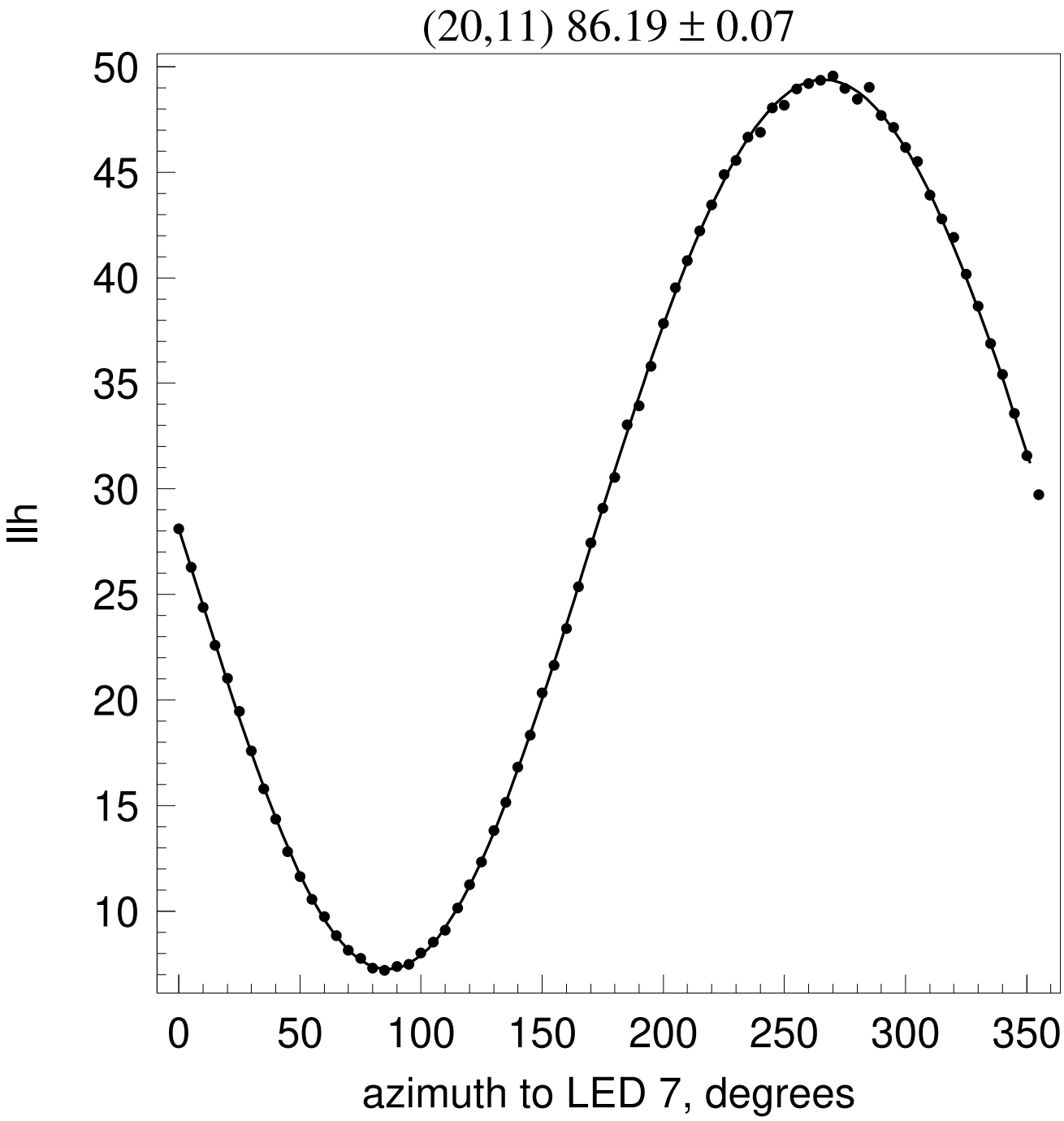

(20,6) 166.77 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

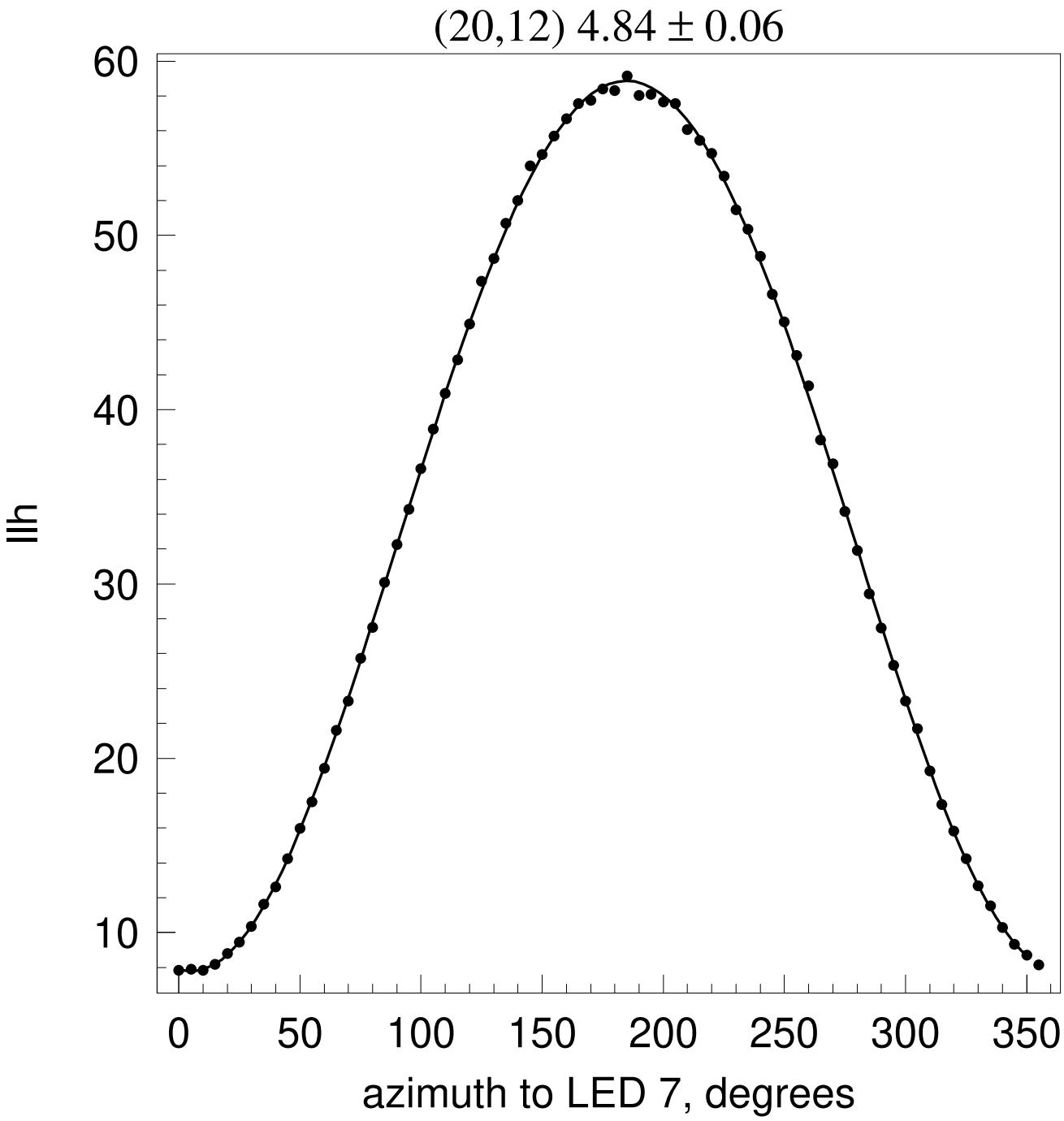

(20,7) 251.16 ± 0.16
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

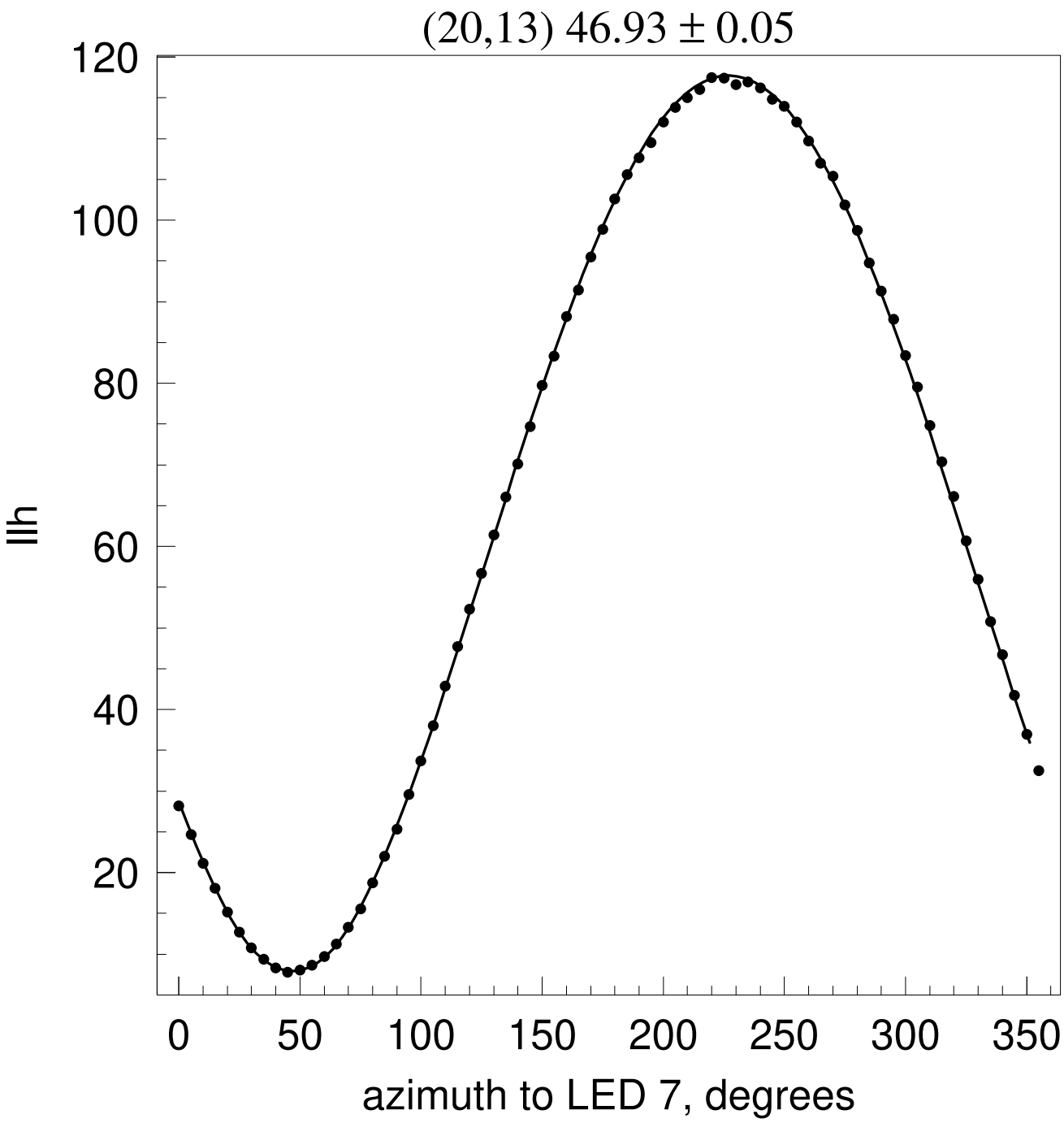

(20,8) 254.67 ± 0.13
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

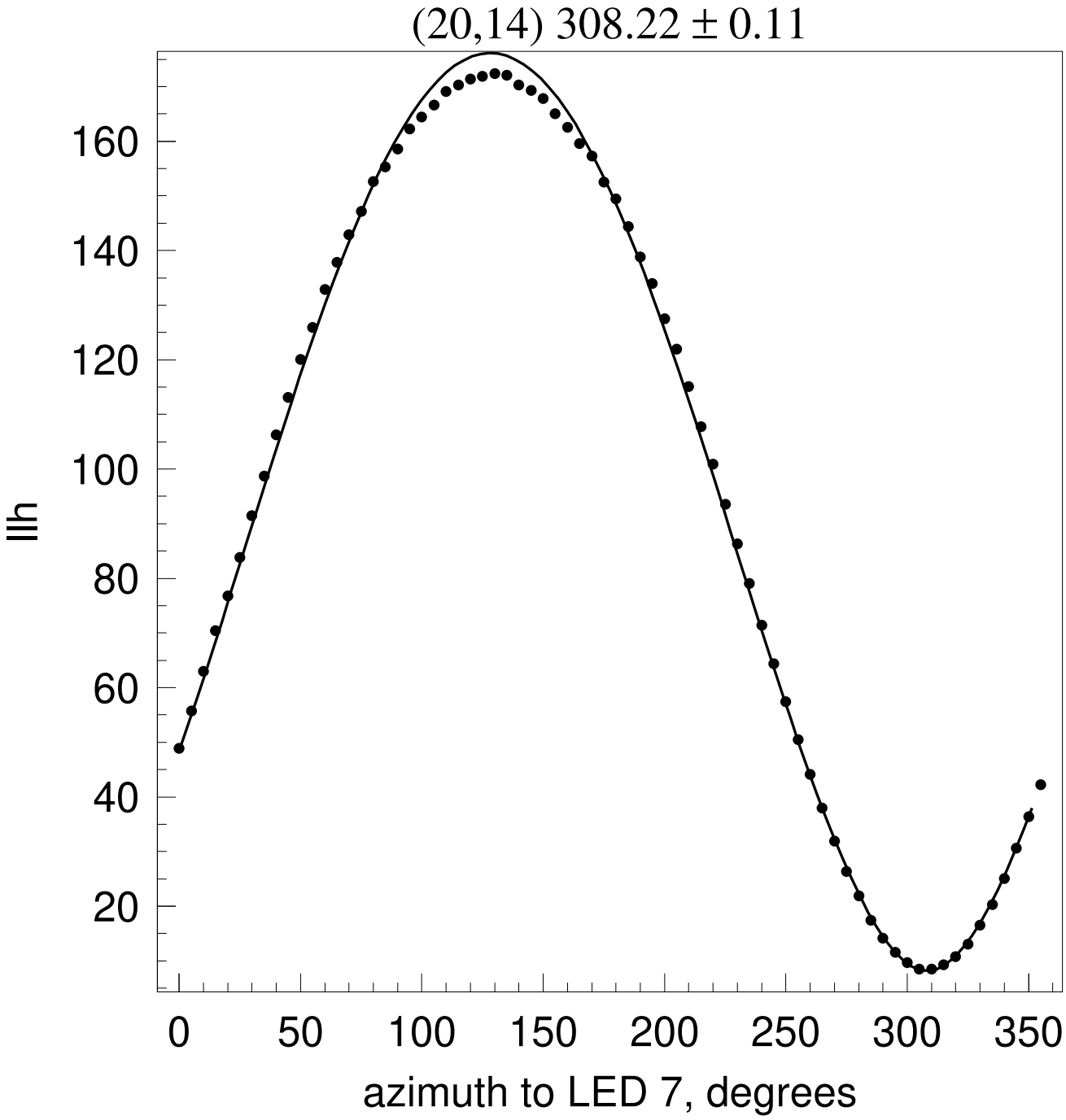

(20,9) 55.22 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

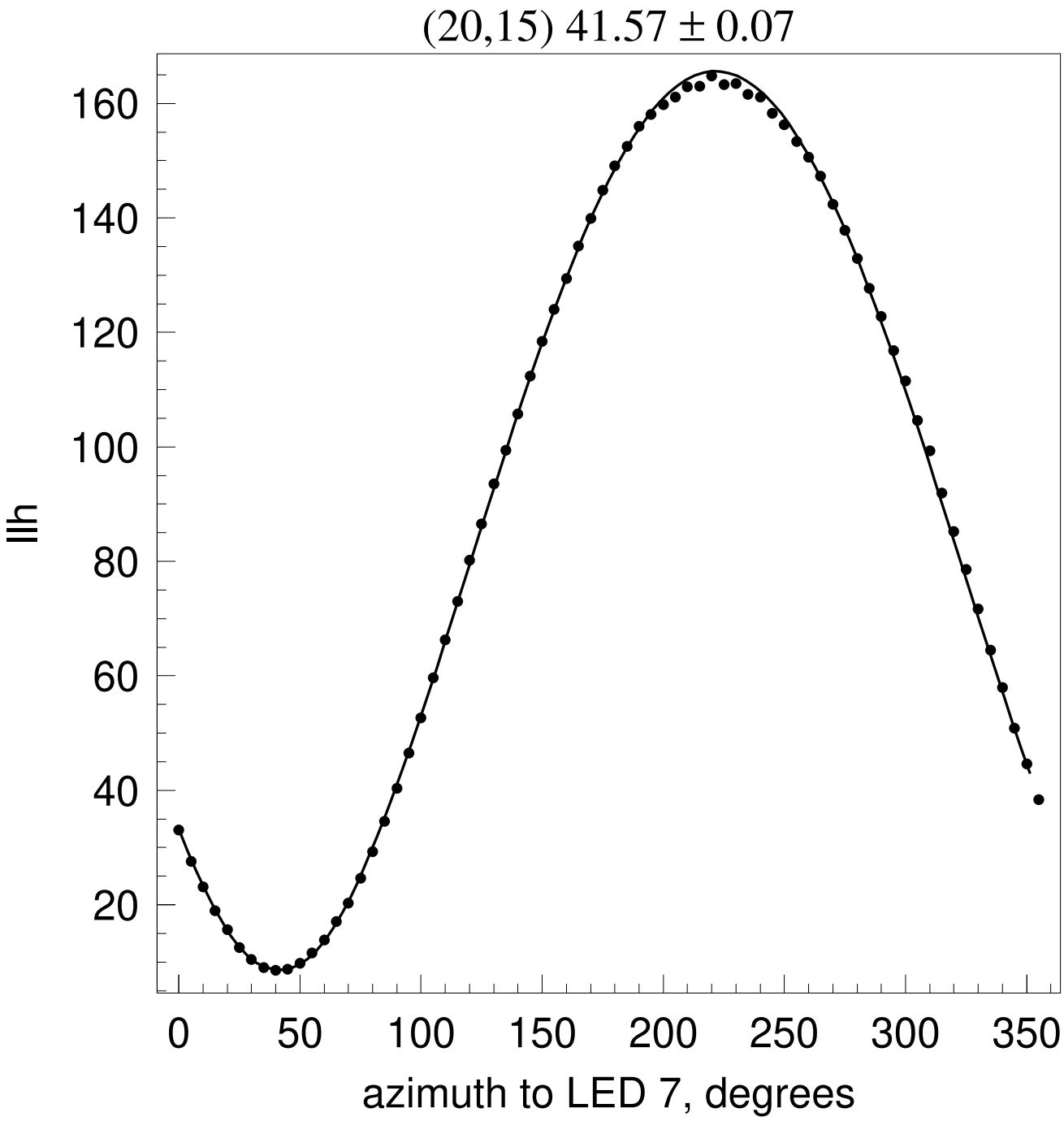

(20,10) 2.76 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

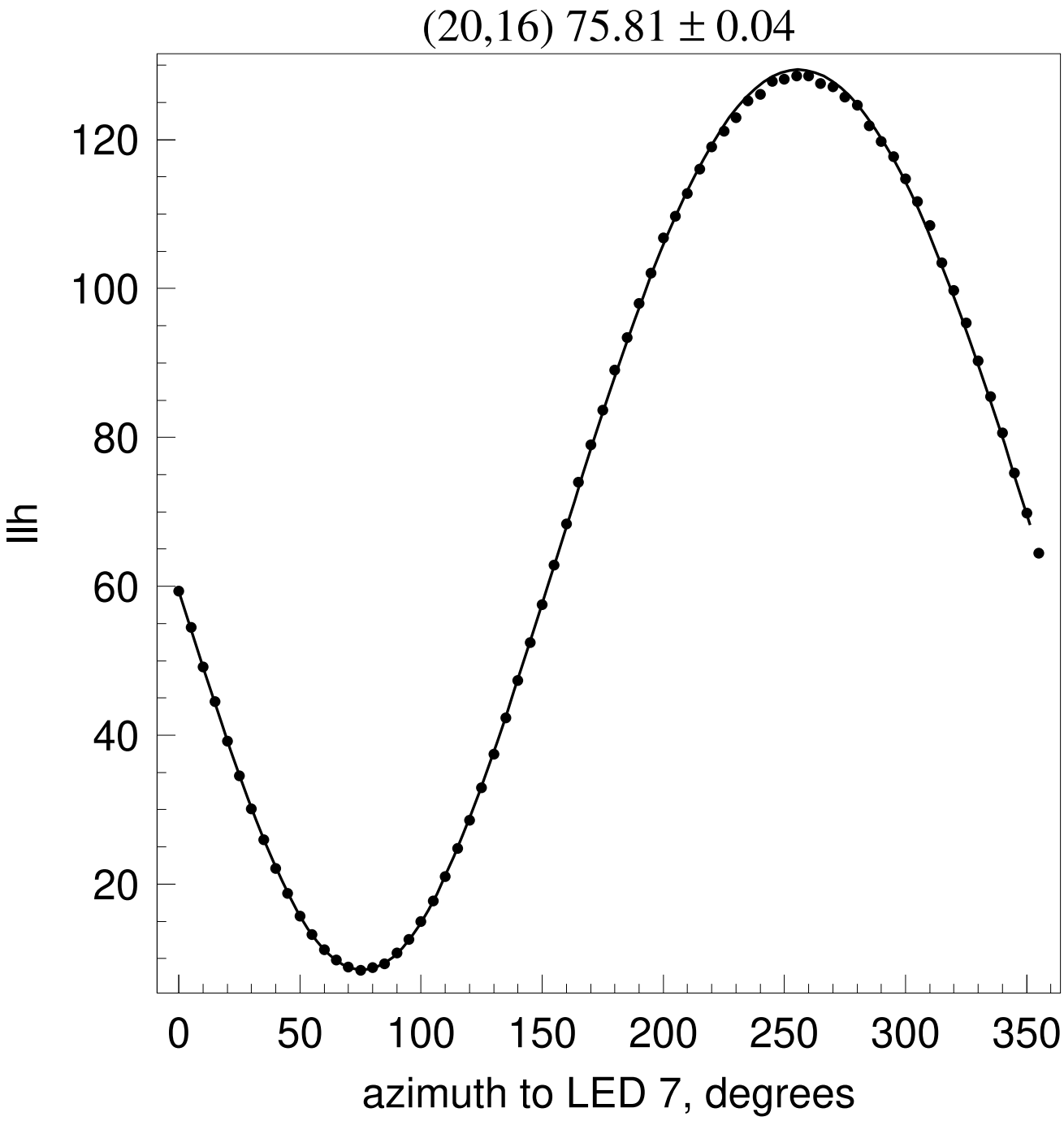

(20,11) 86.19 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

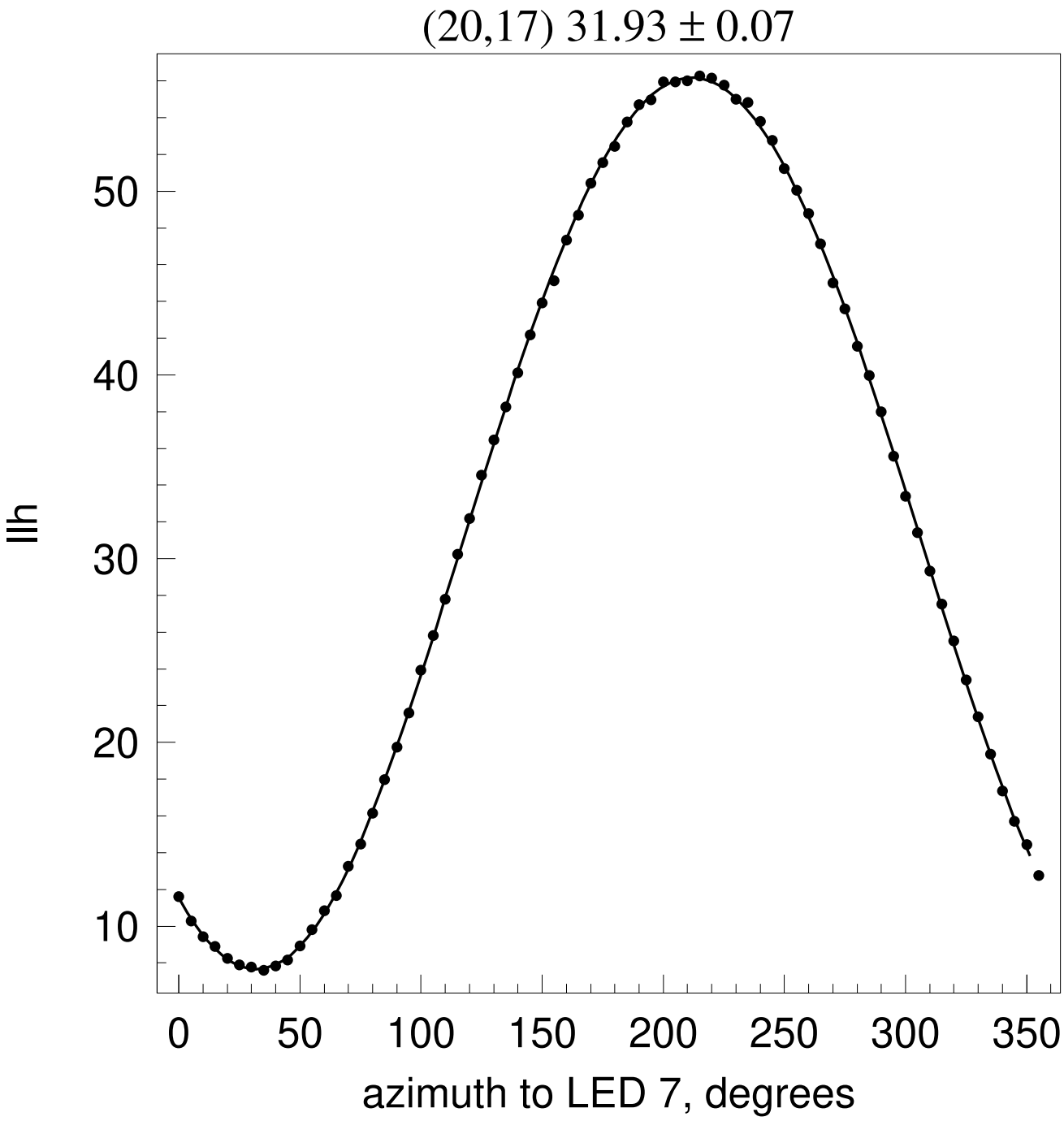

(20,12) 4.84 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

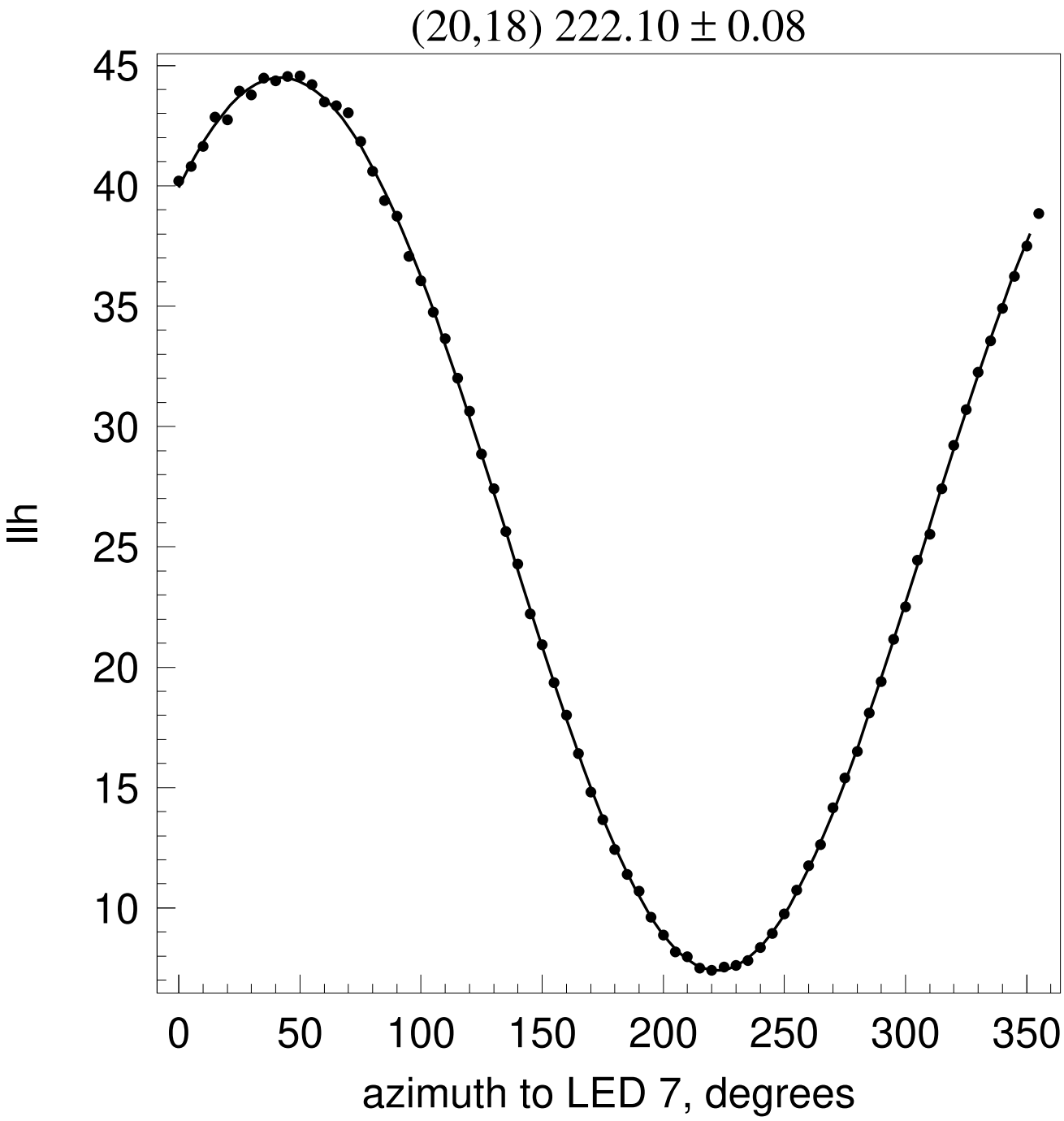

(20,13) 46.93 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

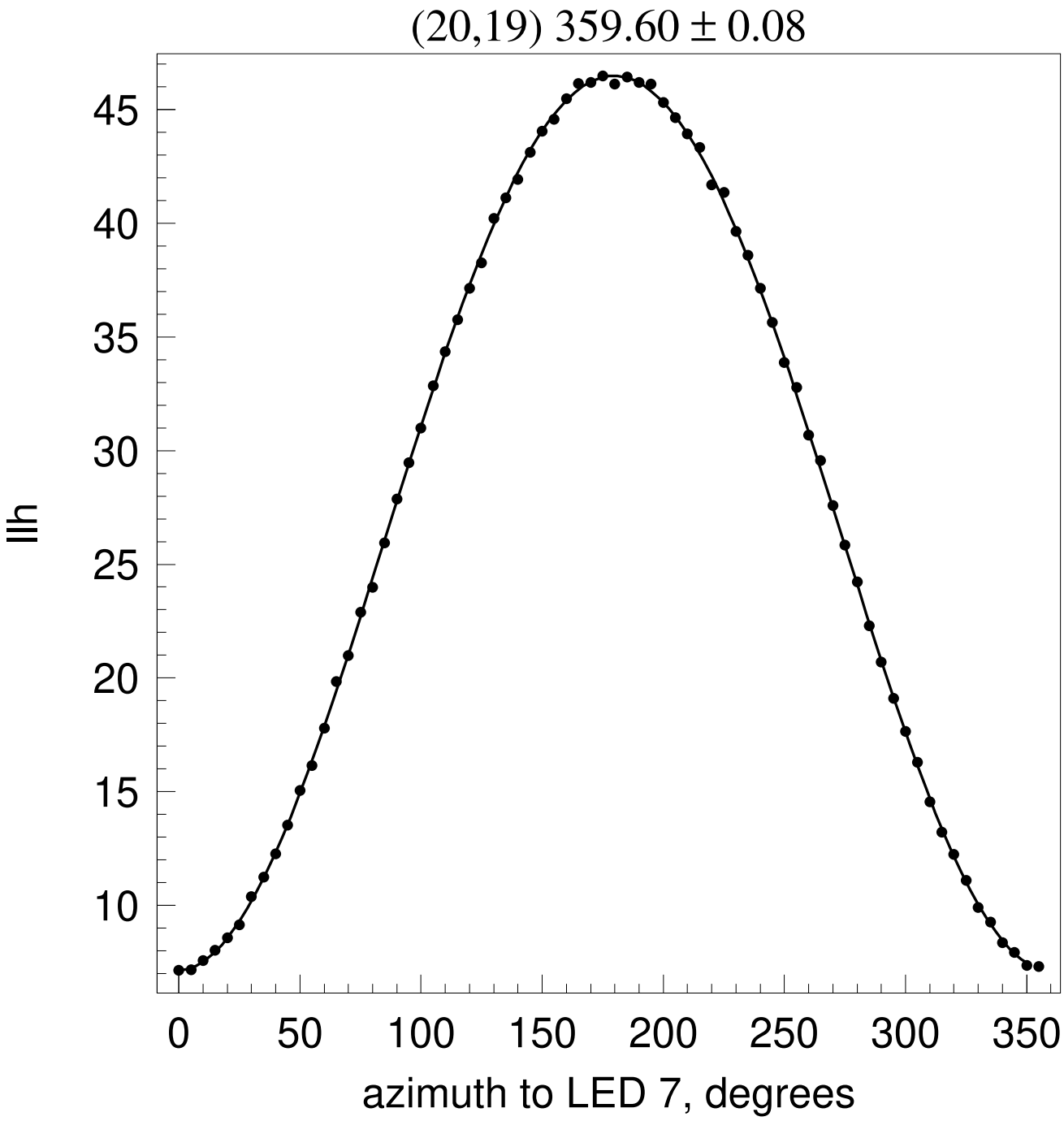

(20,14) 308.22 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

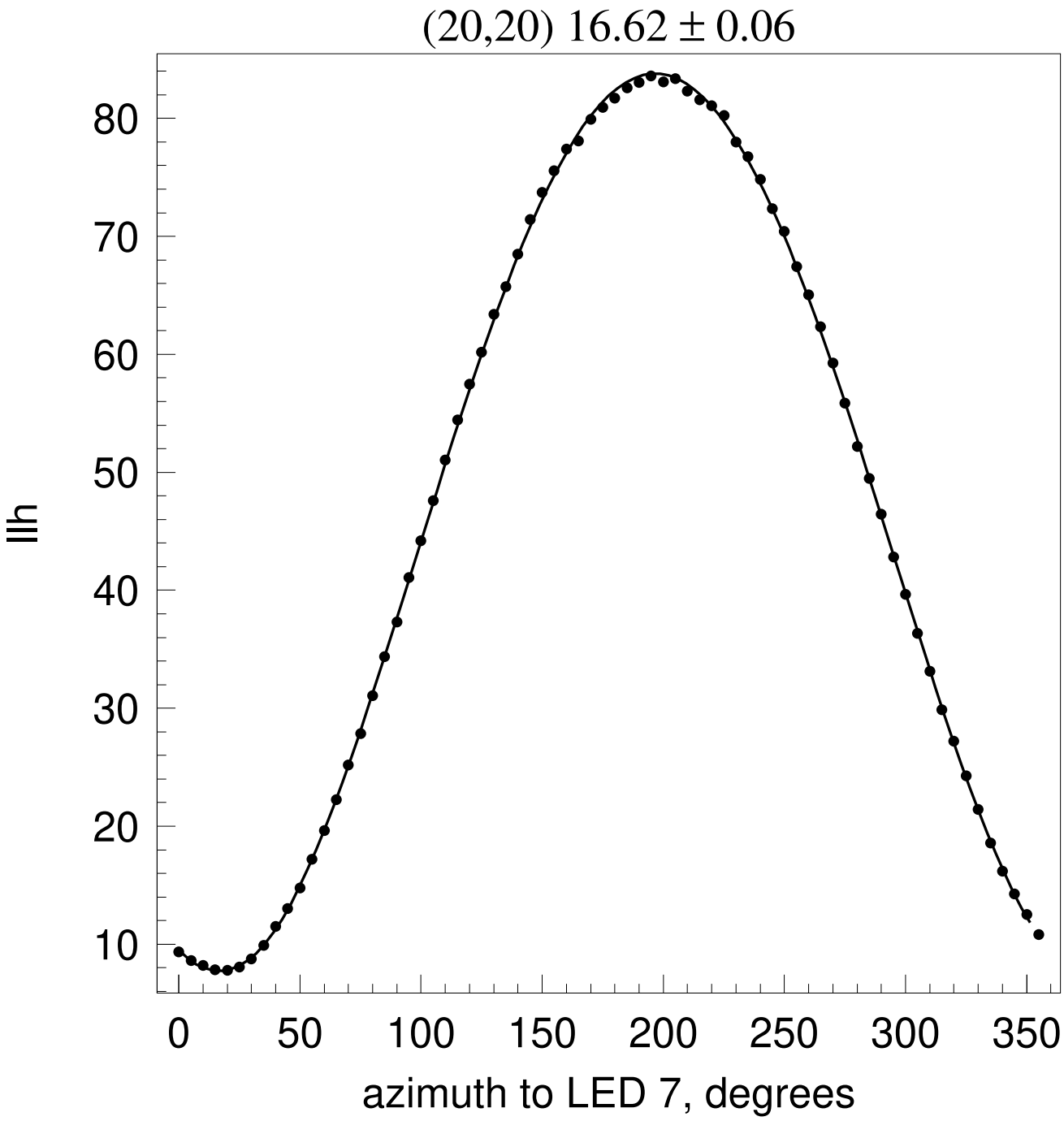

(20,15) 41.57 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

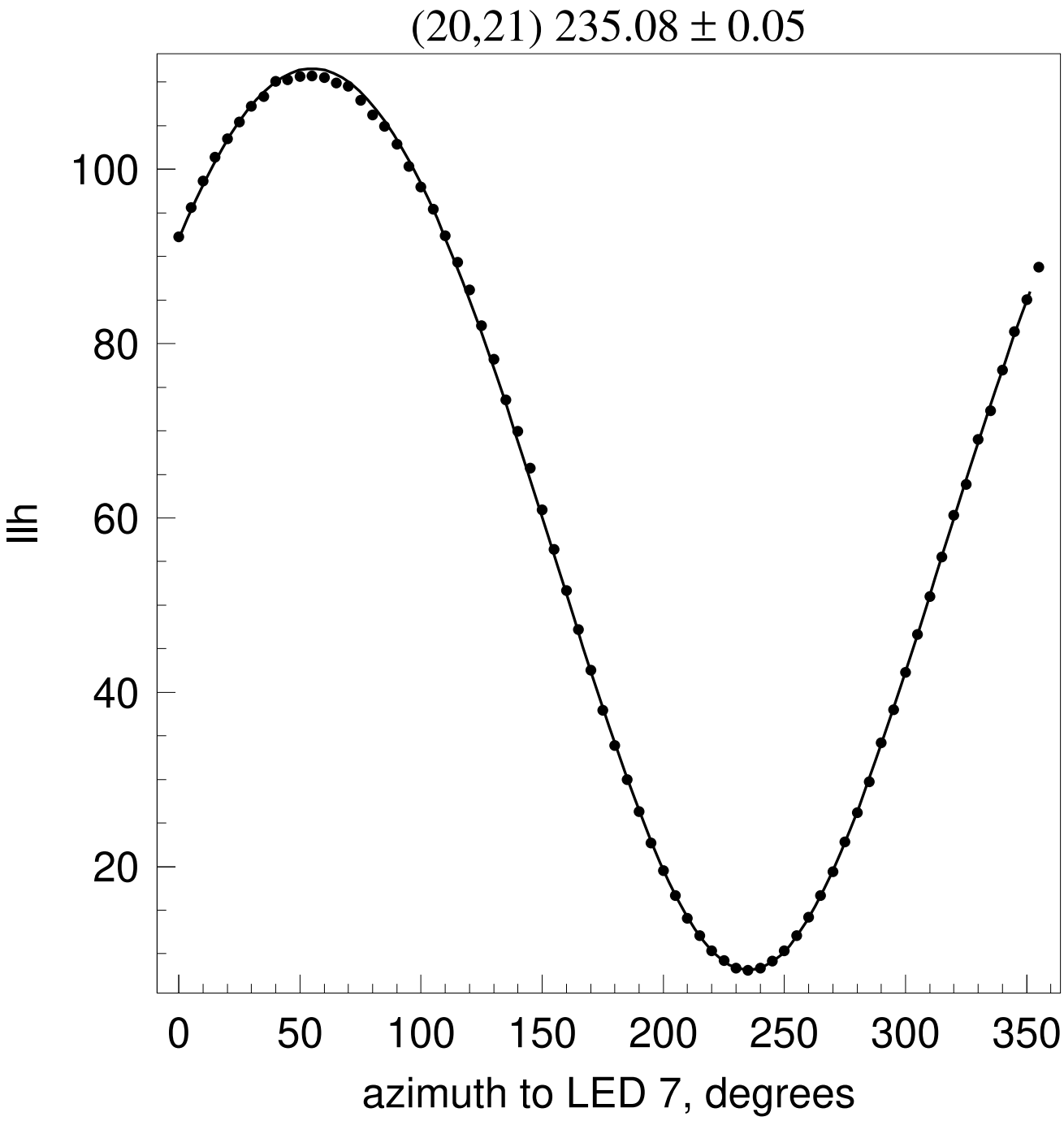

(20,16) 75.81 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

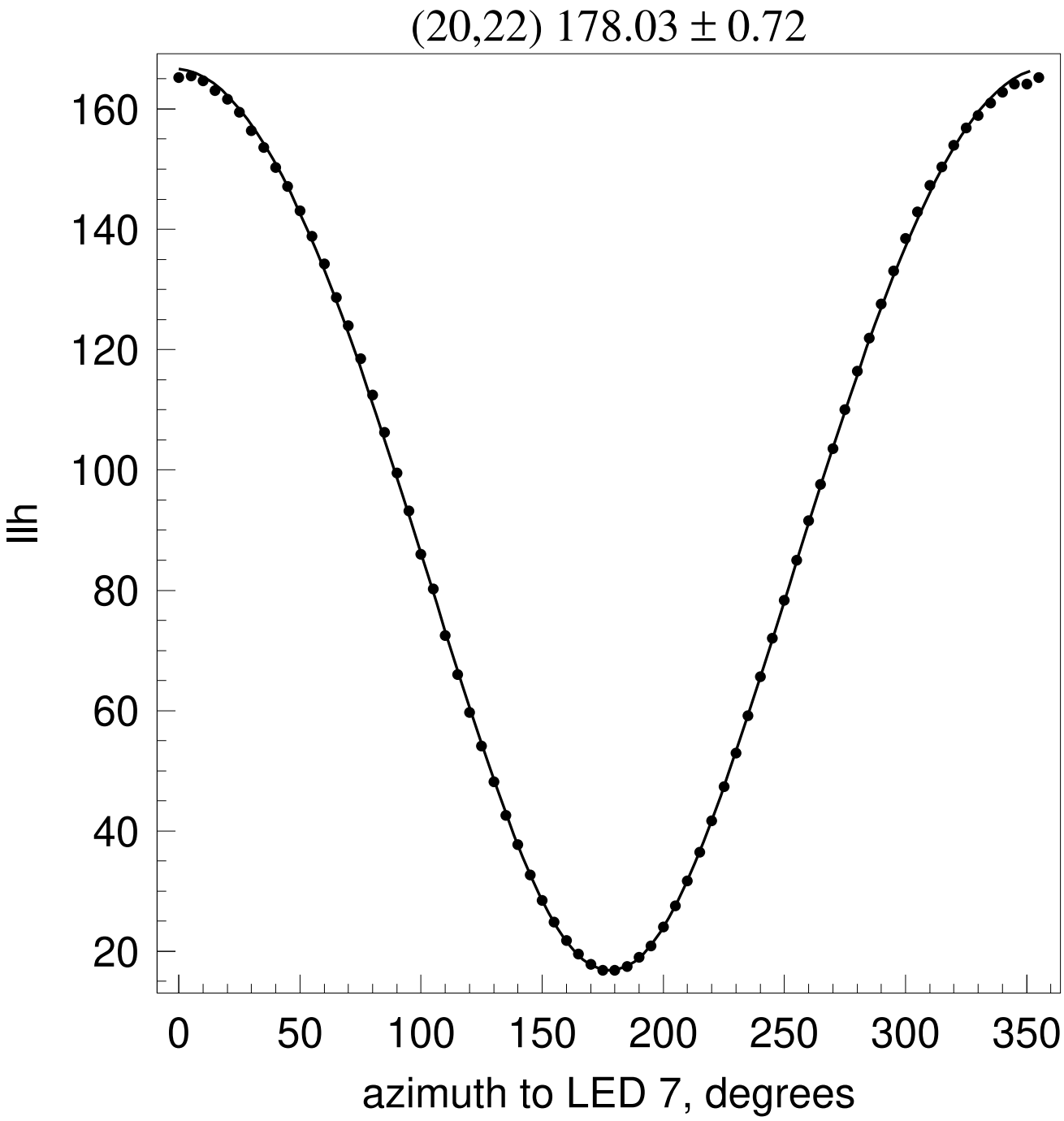

(20,17) 31.93 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

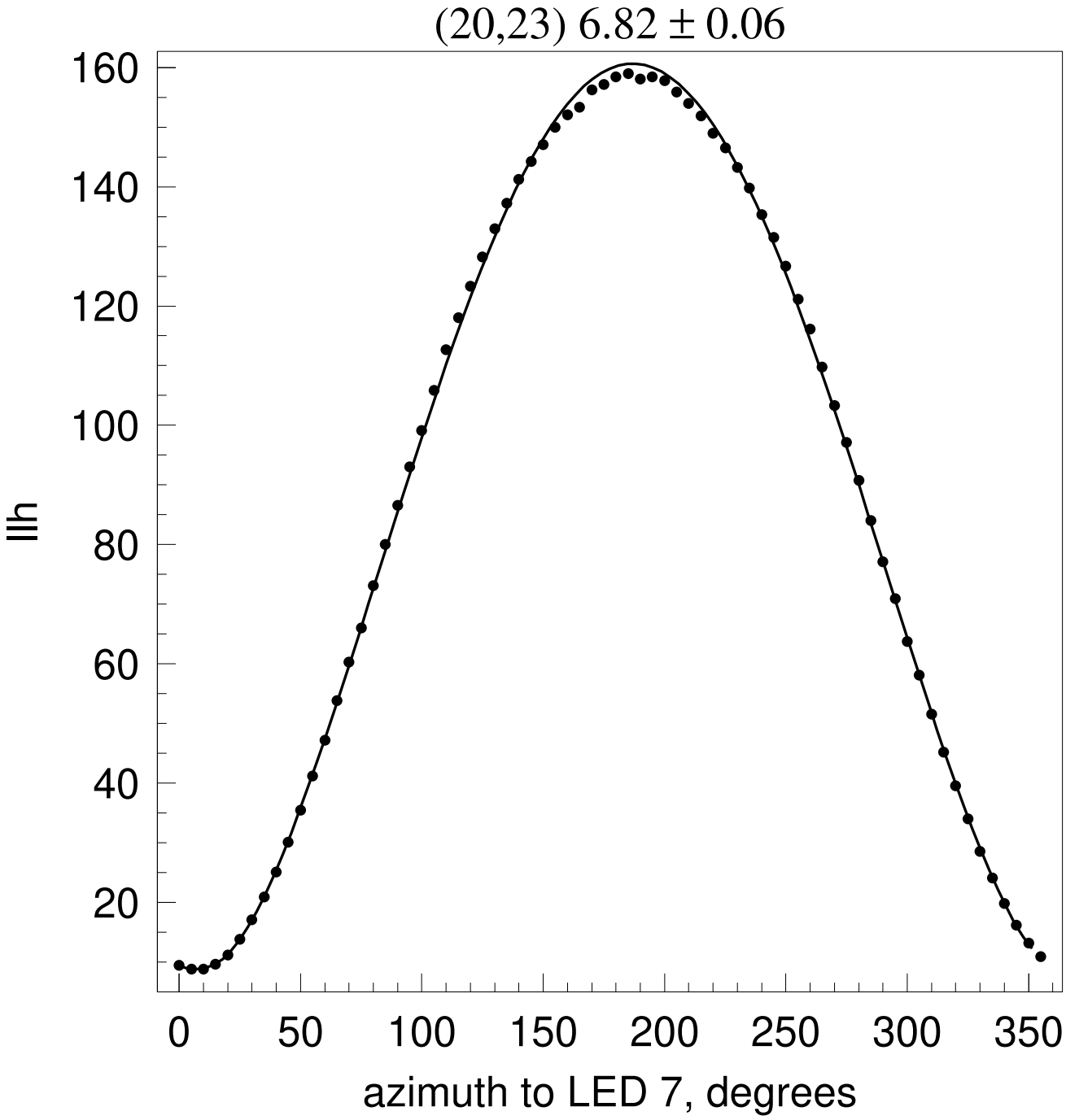

(20,18) 222.10 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

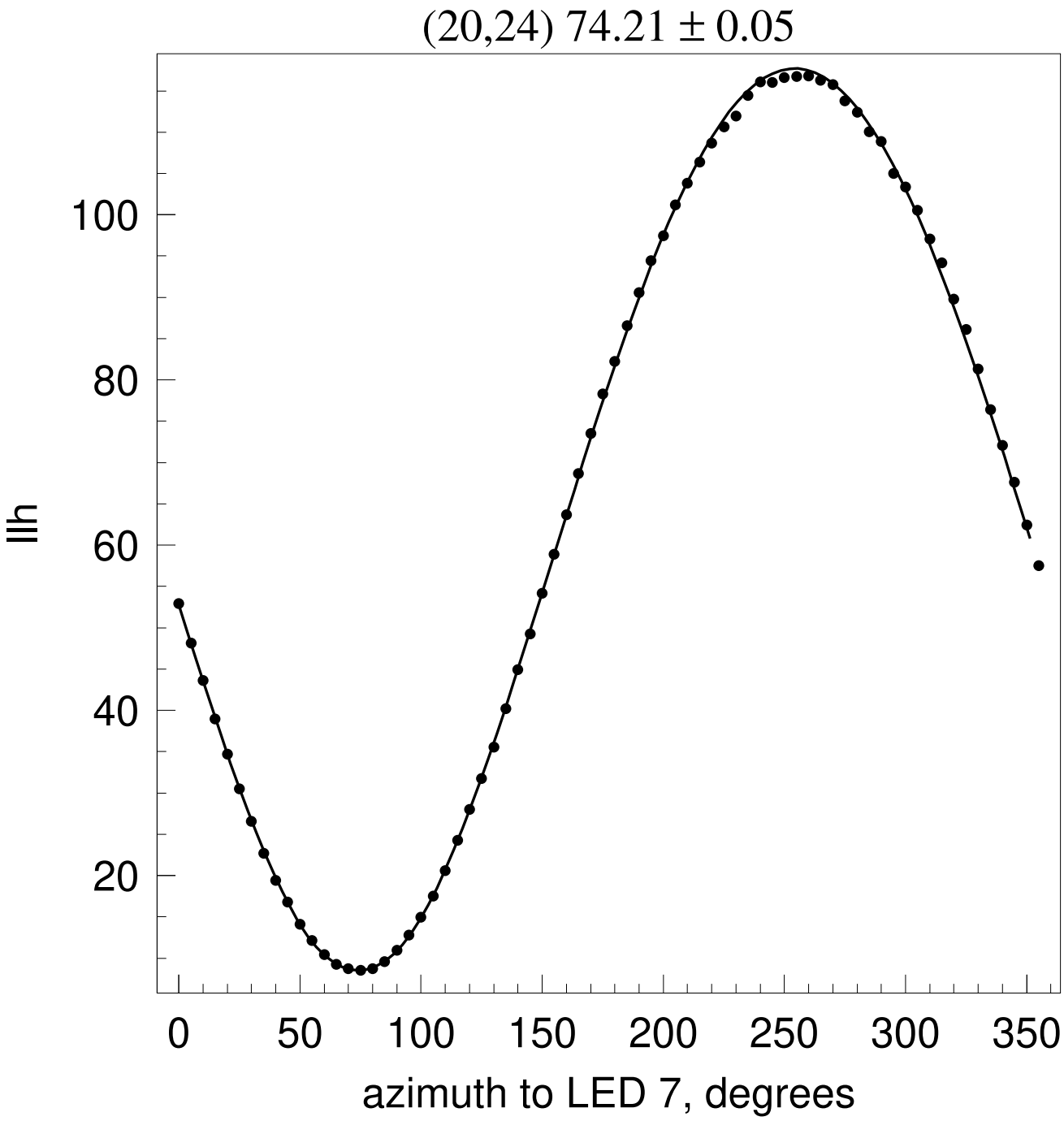

(20,19) 359.60 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

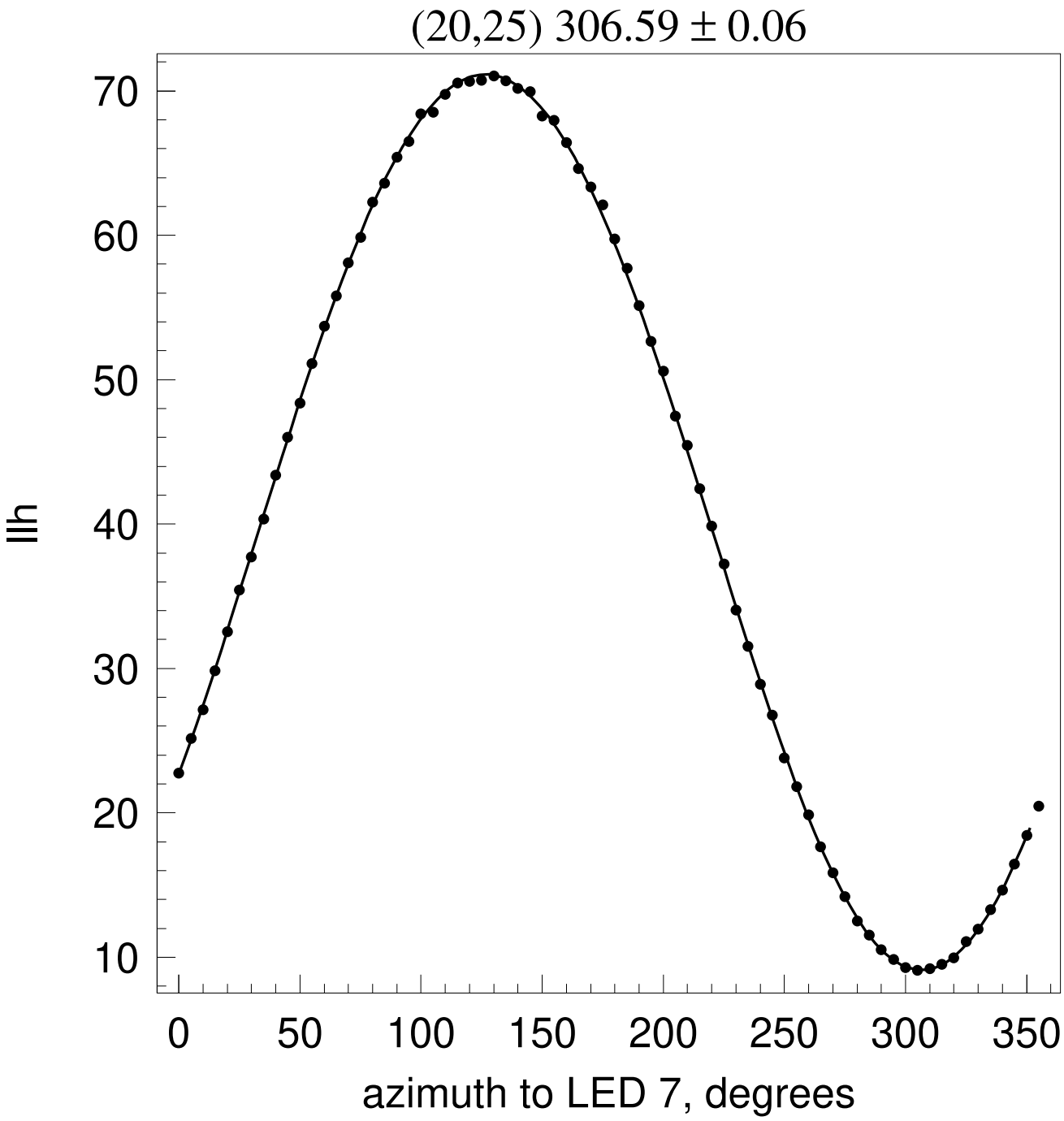

(20,20) 16.62 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

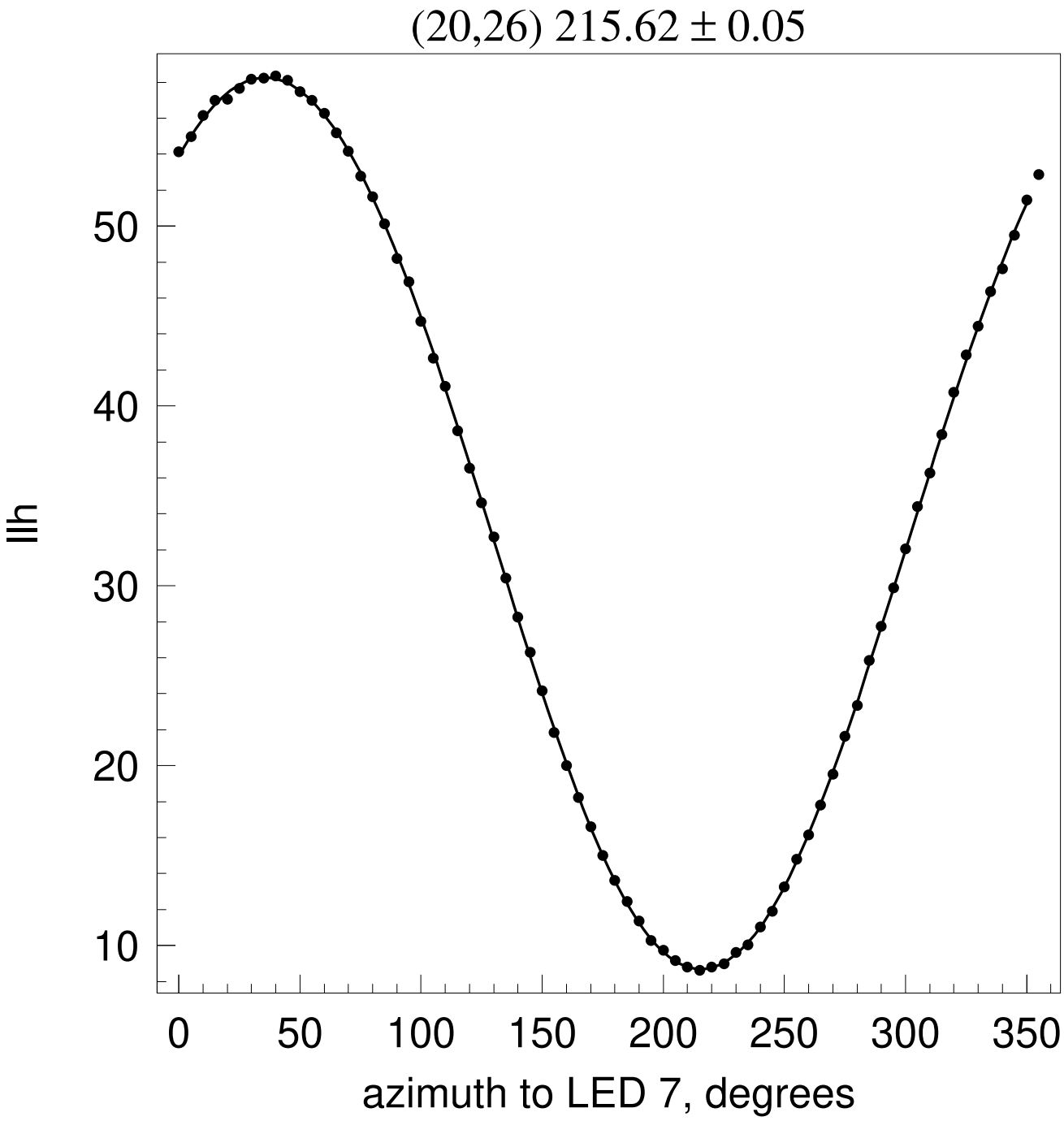

(20,21) 235.08 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

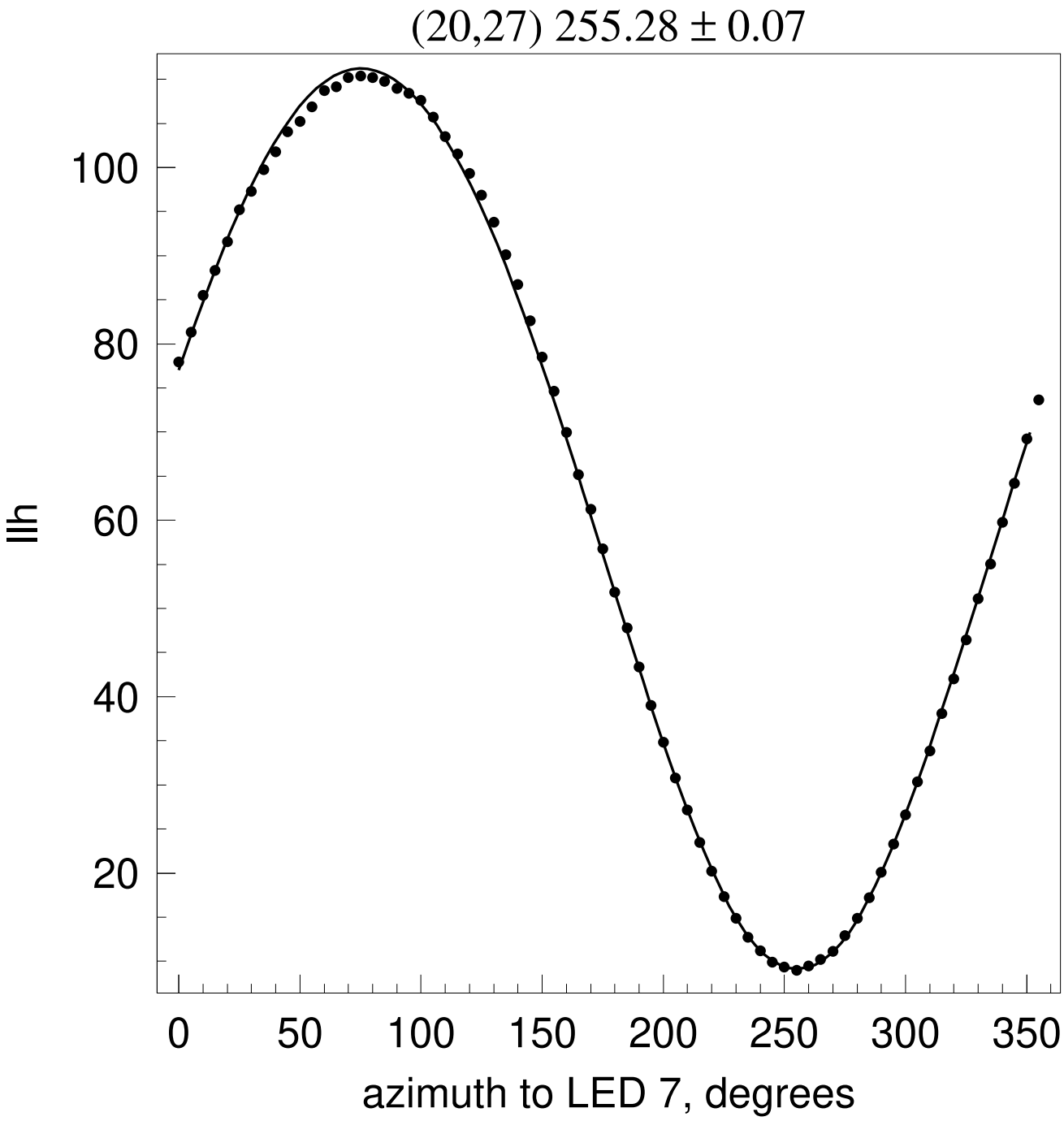

(20,22) 178.03 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

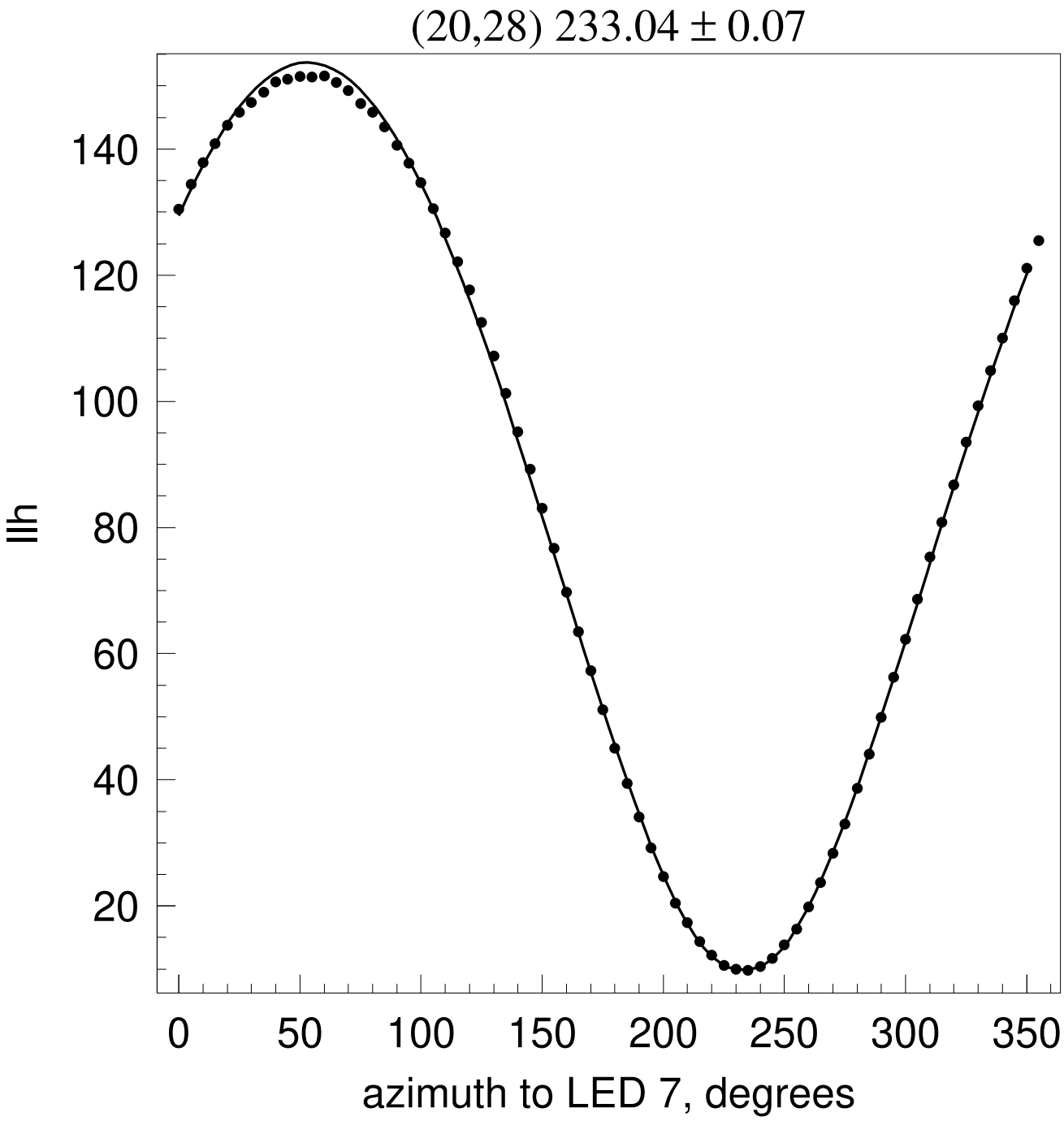

(20,23) 6.82 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

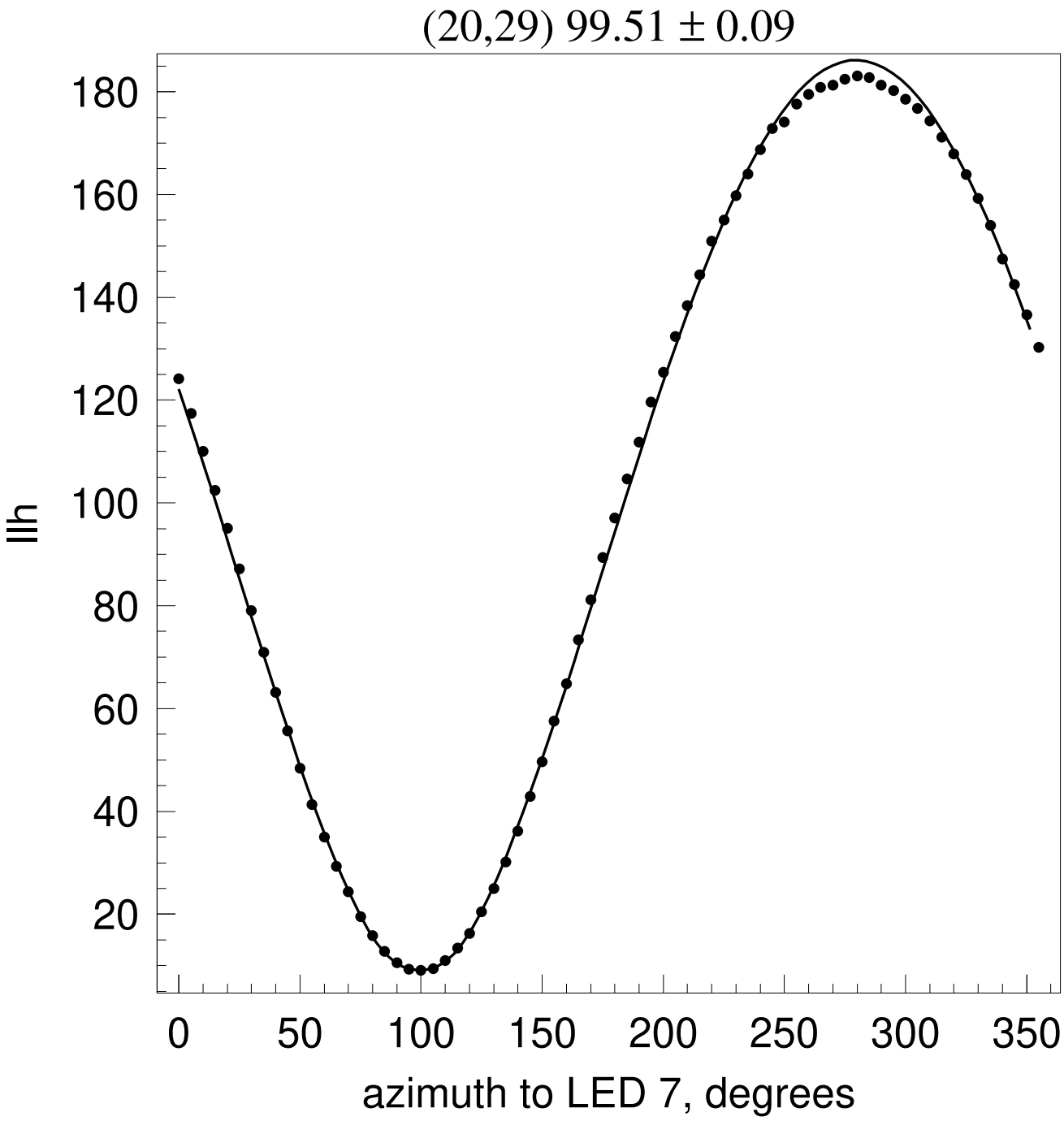

(20,24) 74.21 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

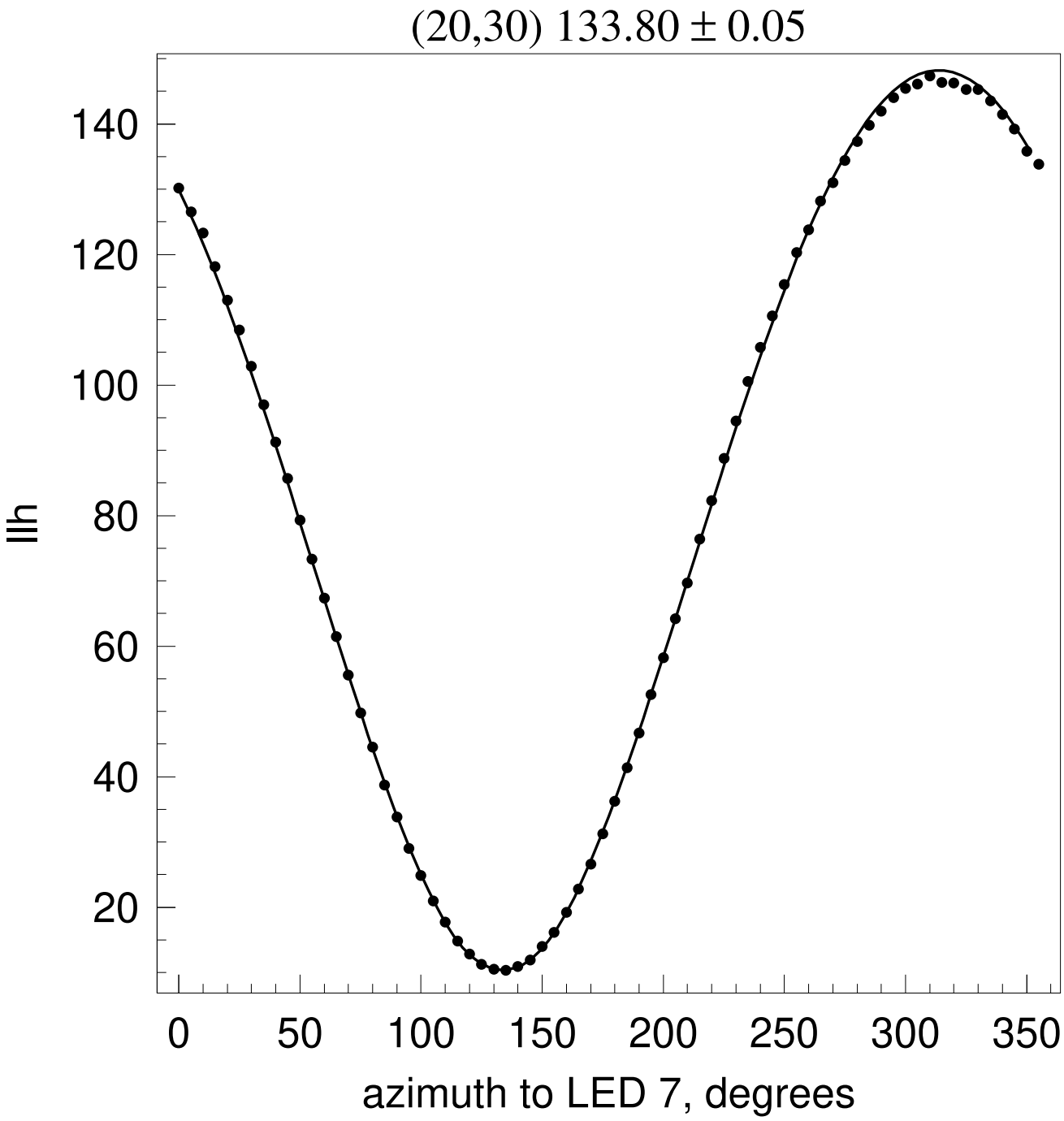

(20,25) 306.59 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

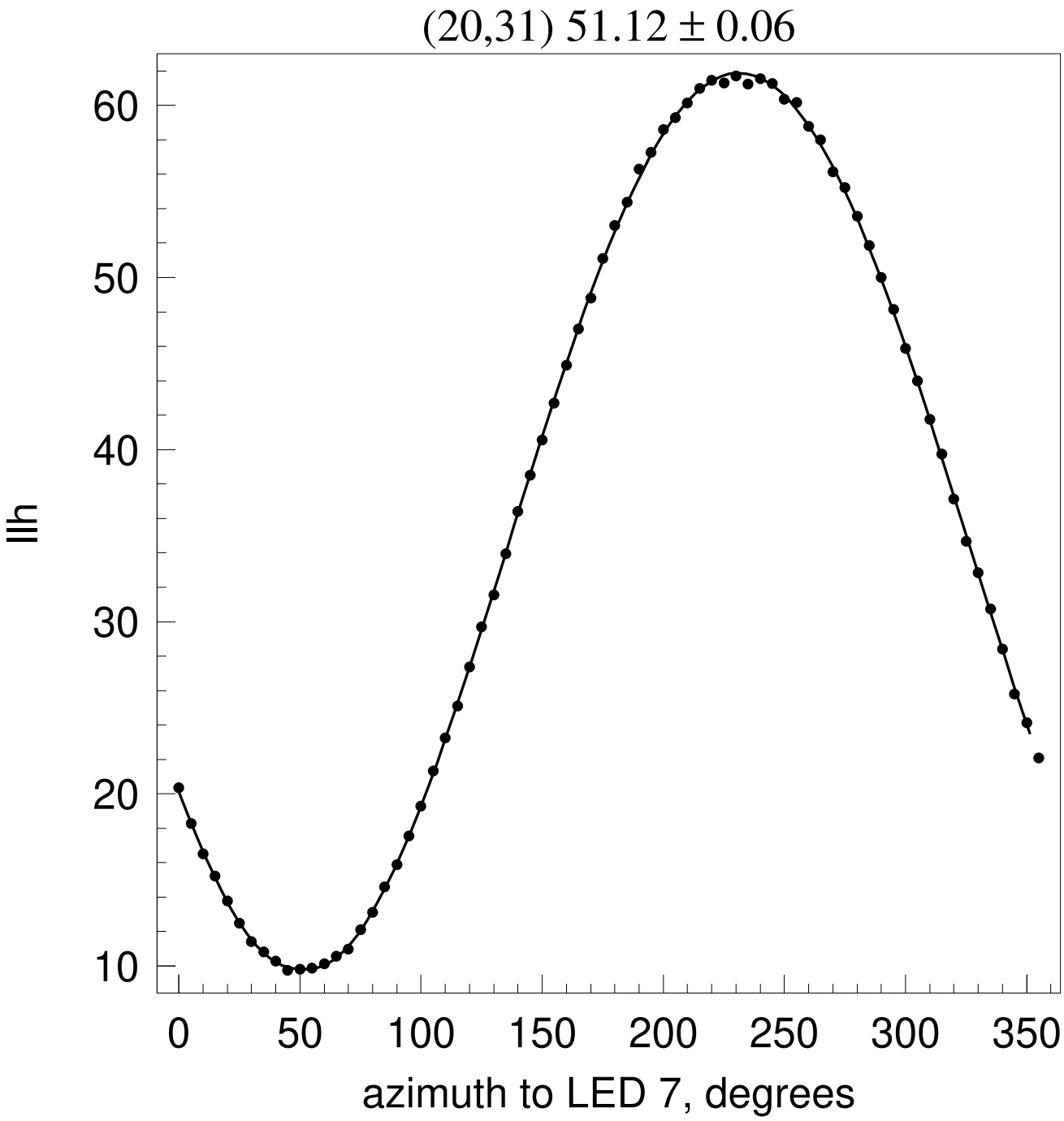

(20,26) 215.62 ± 0.05
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

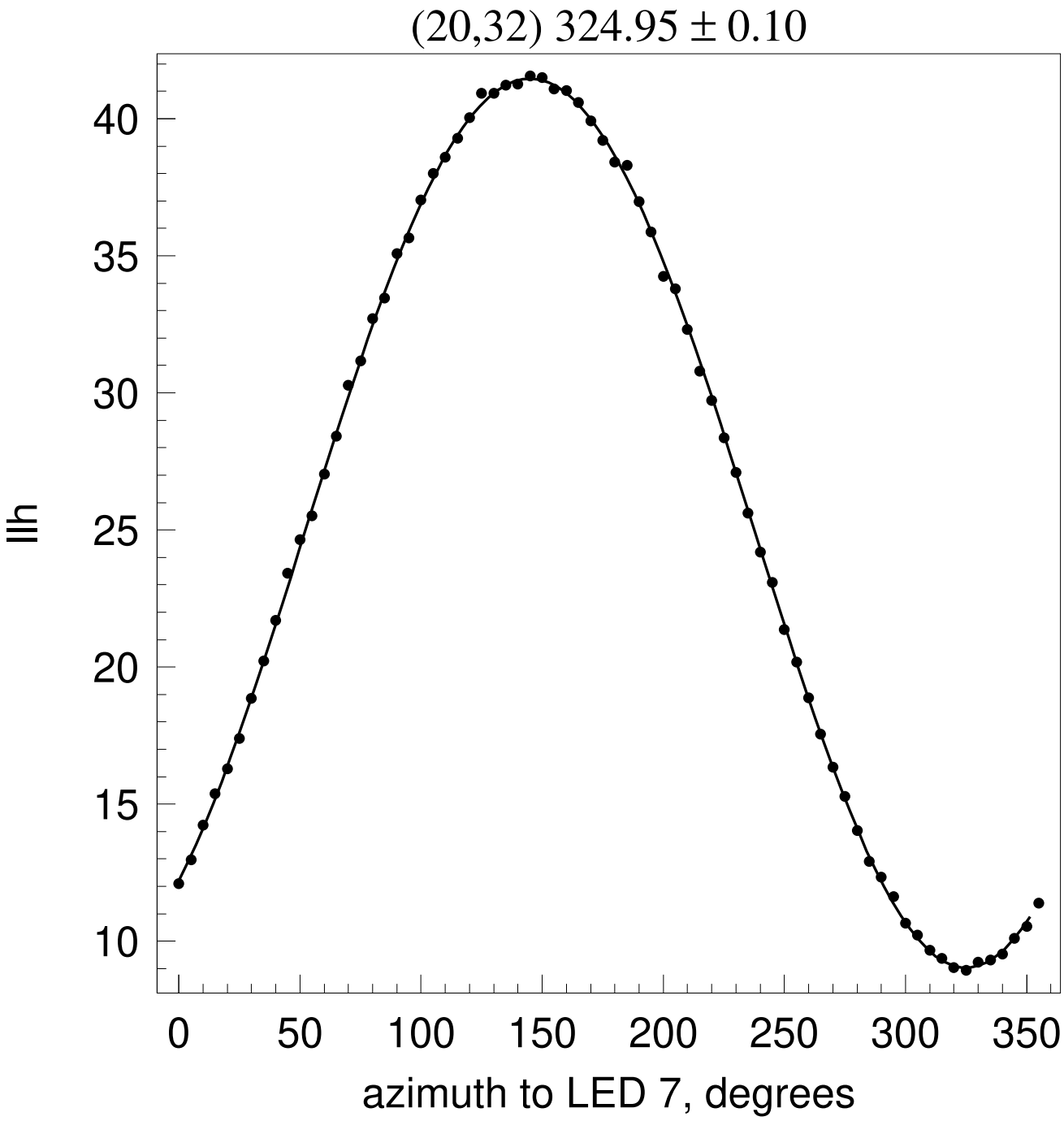

(20,27) 255.28 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

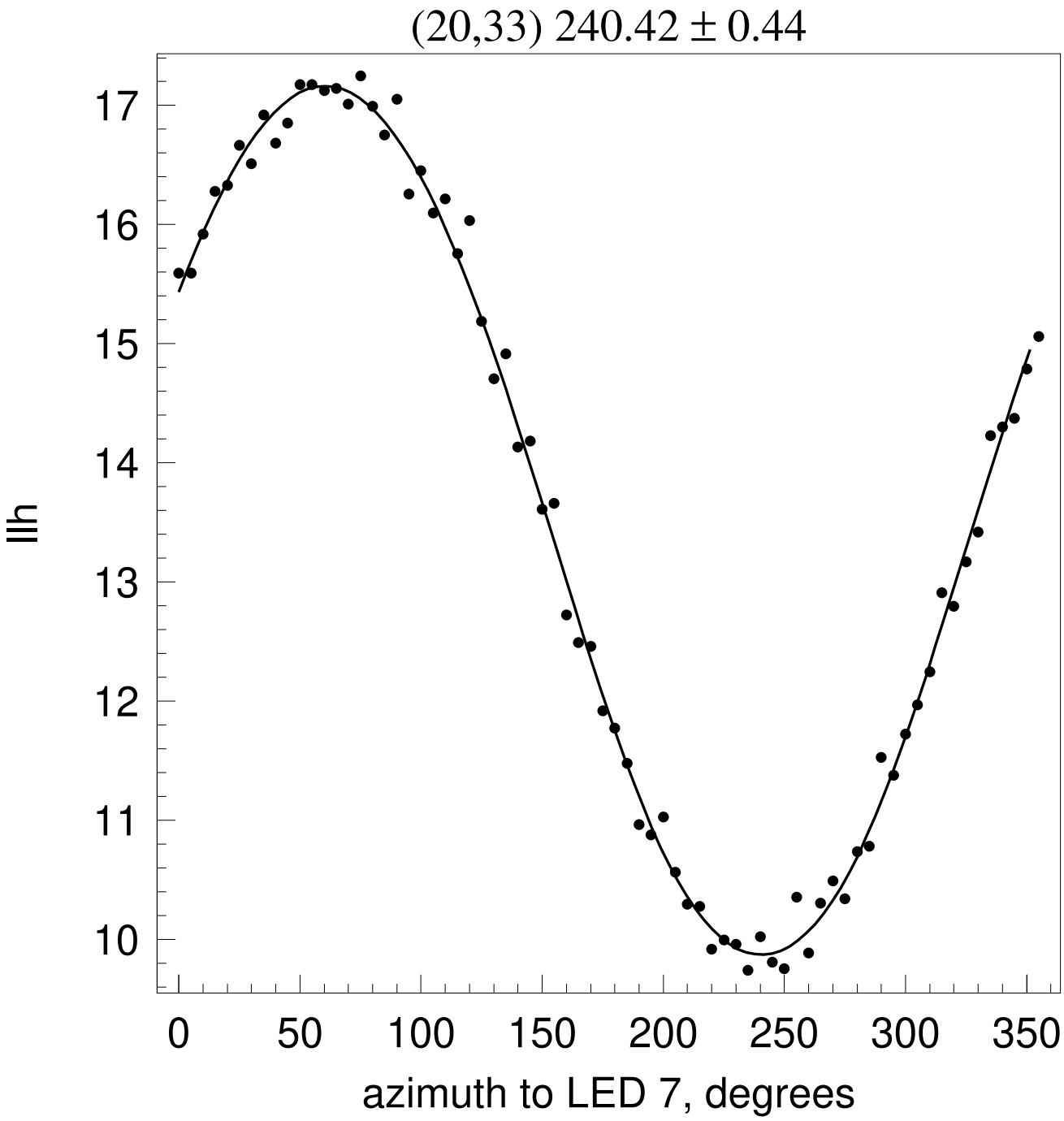

(20,28) 233.04 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

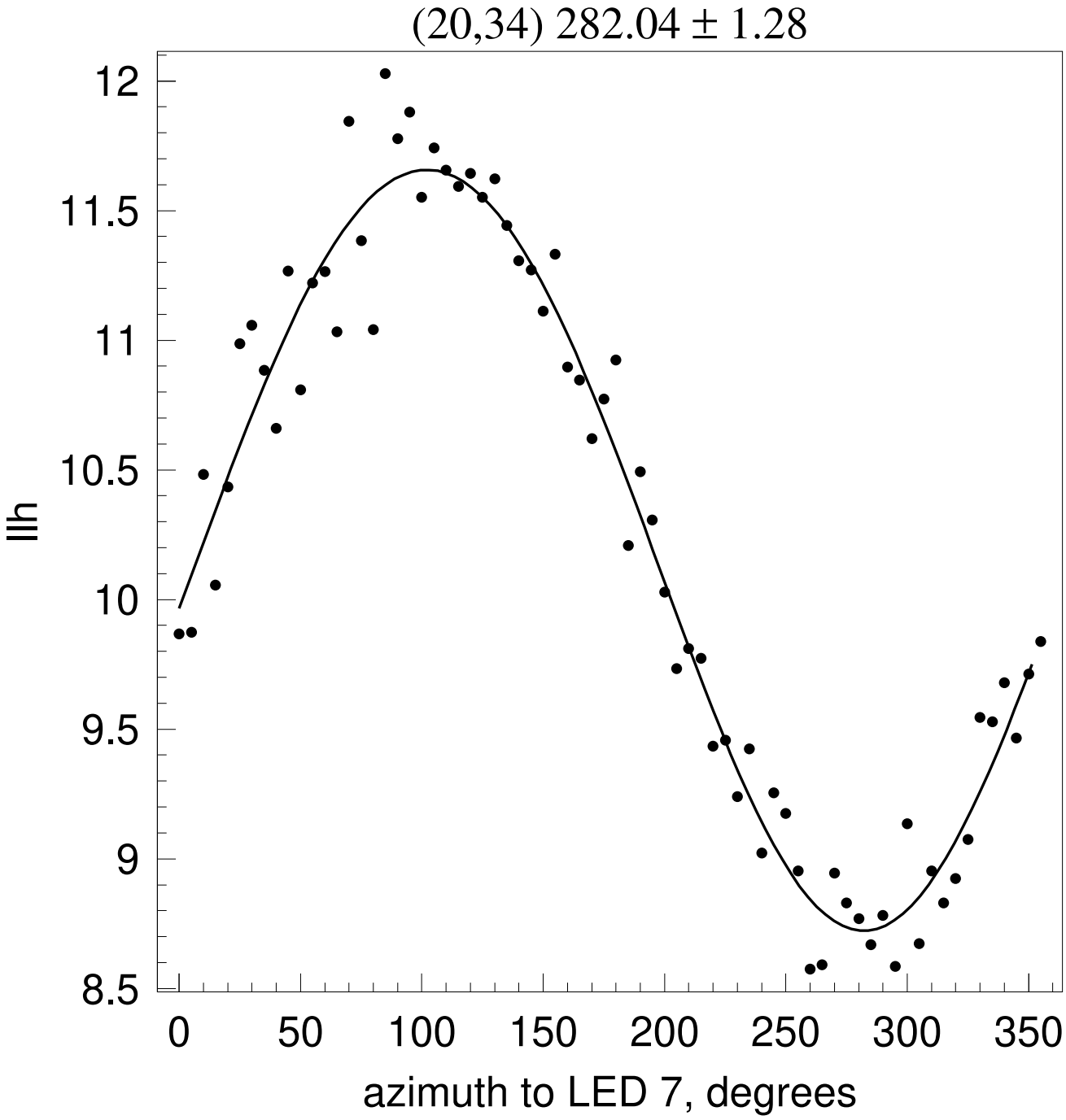

(20,29) 99.51 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

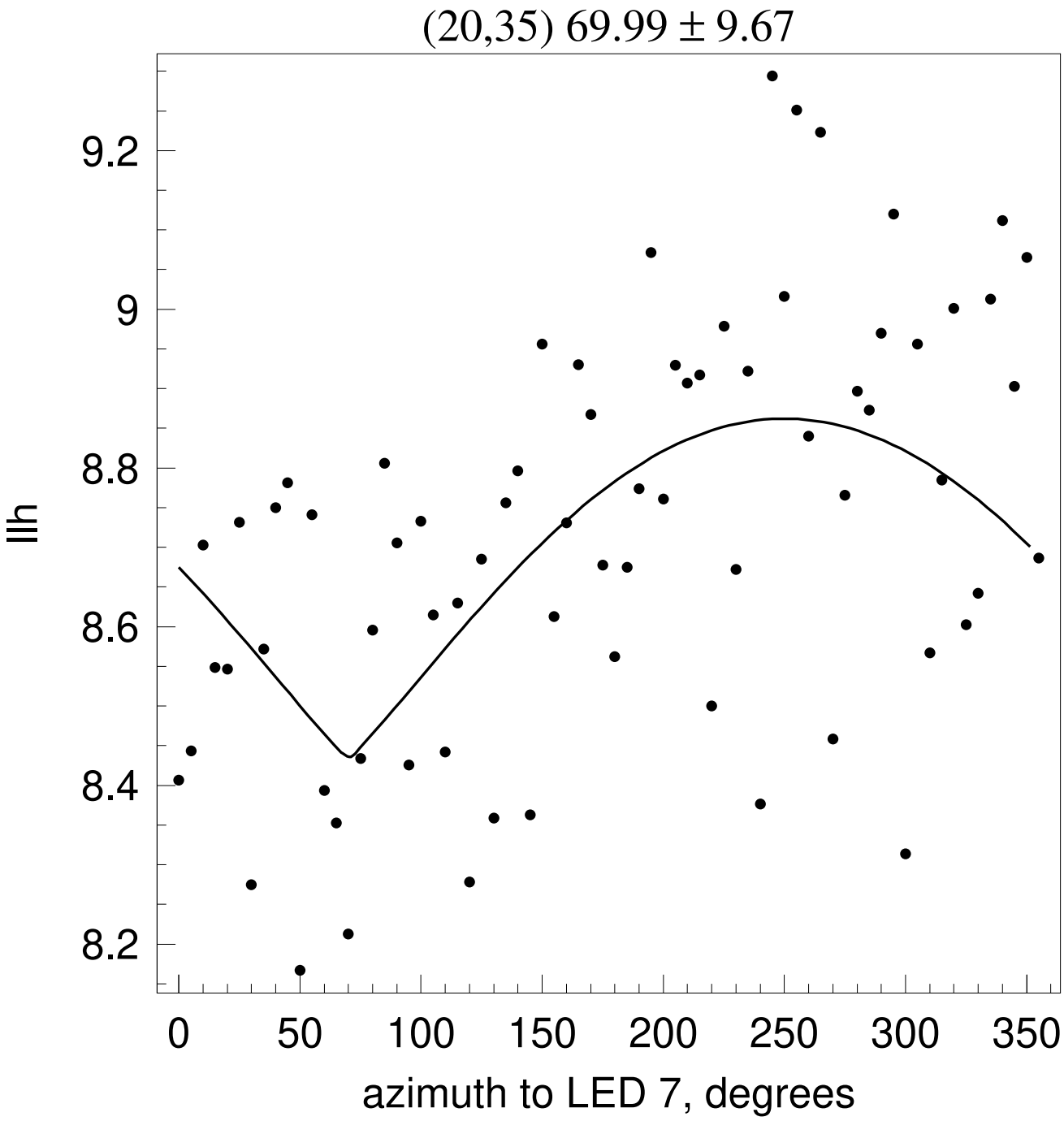

(20,30) 133.80 ± 0.05
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

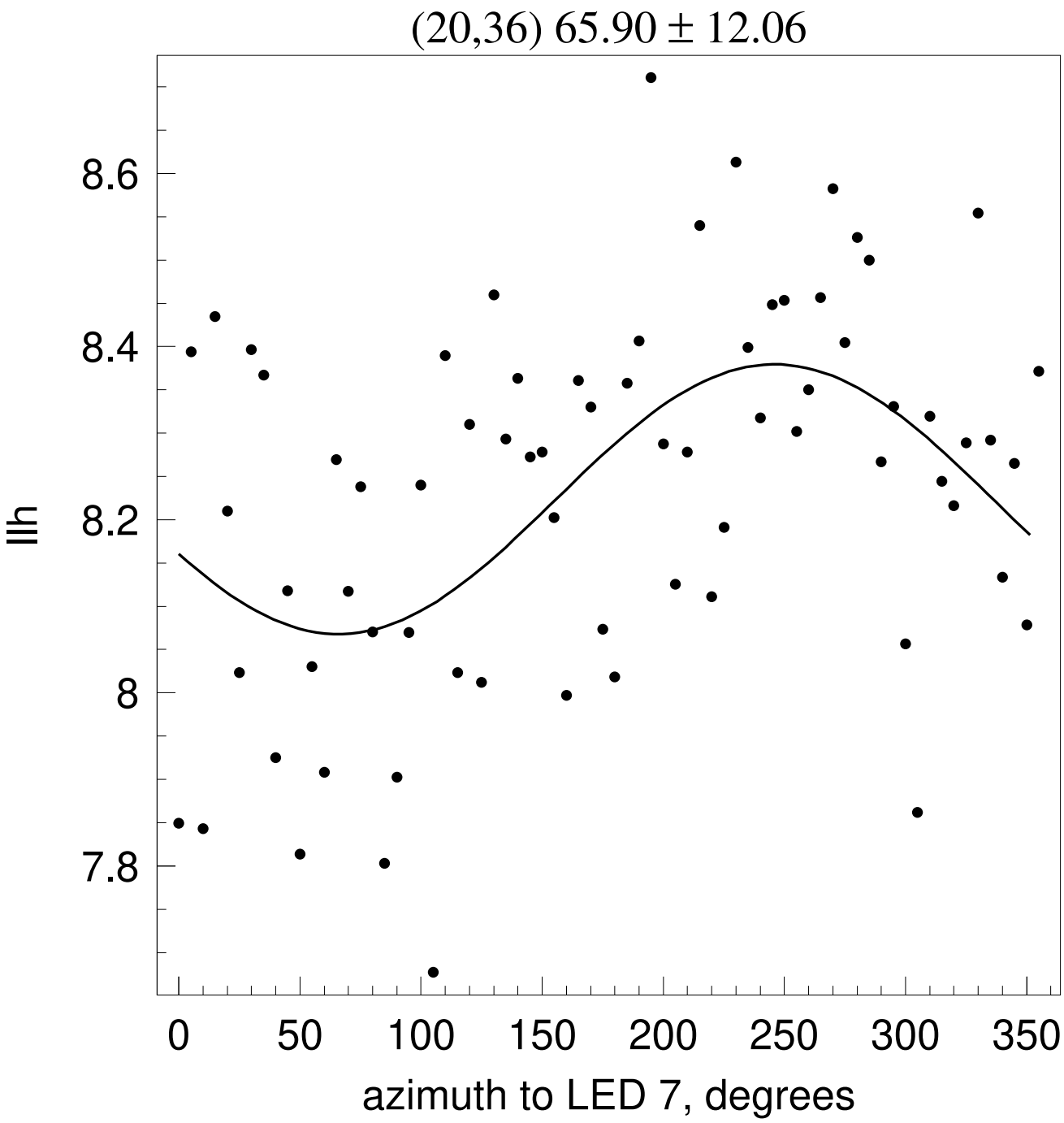

(20,31) 51.12 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

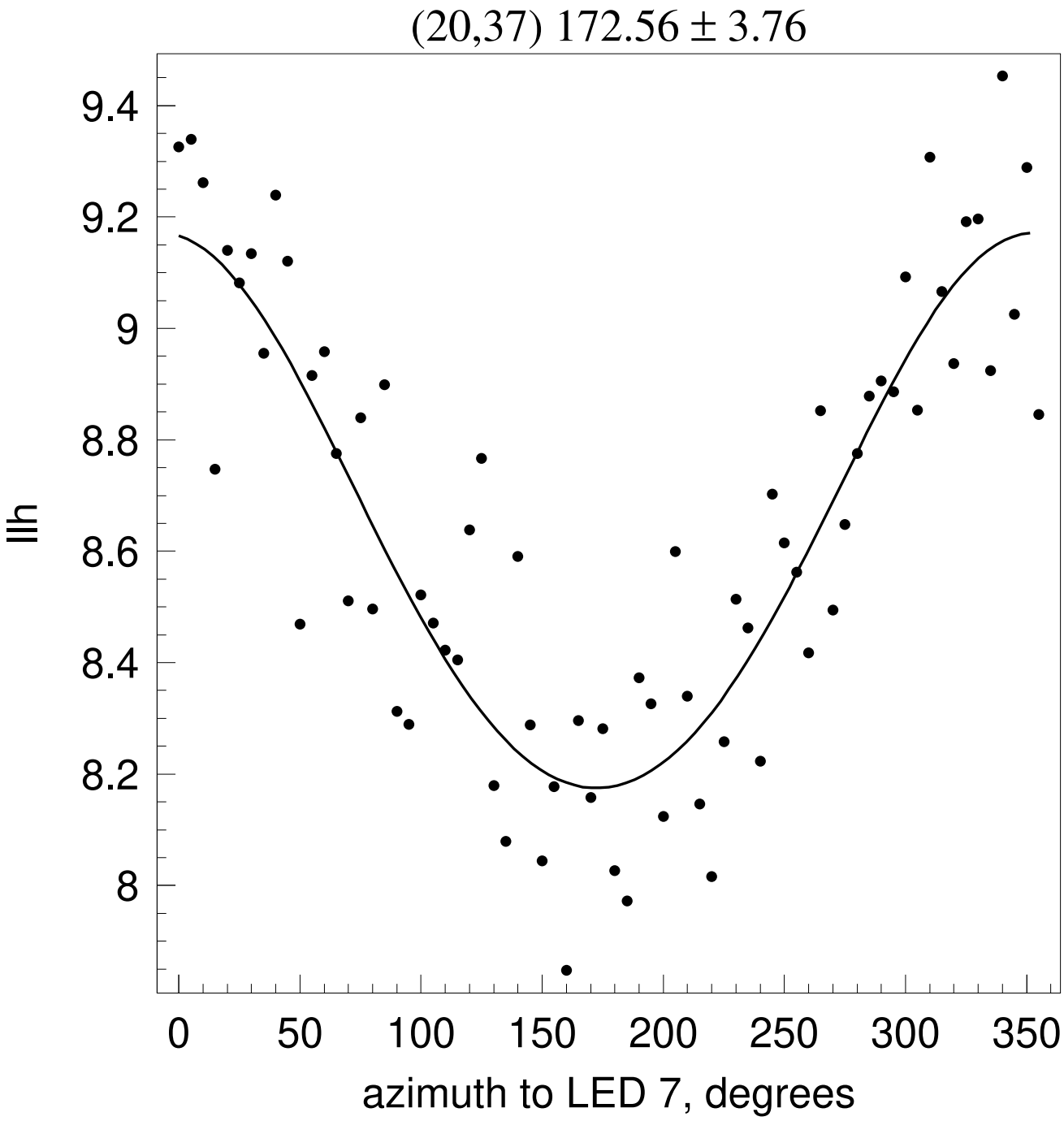

(20,32) 324.95 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

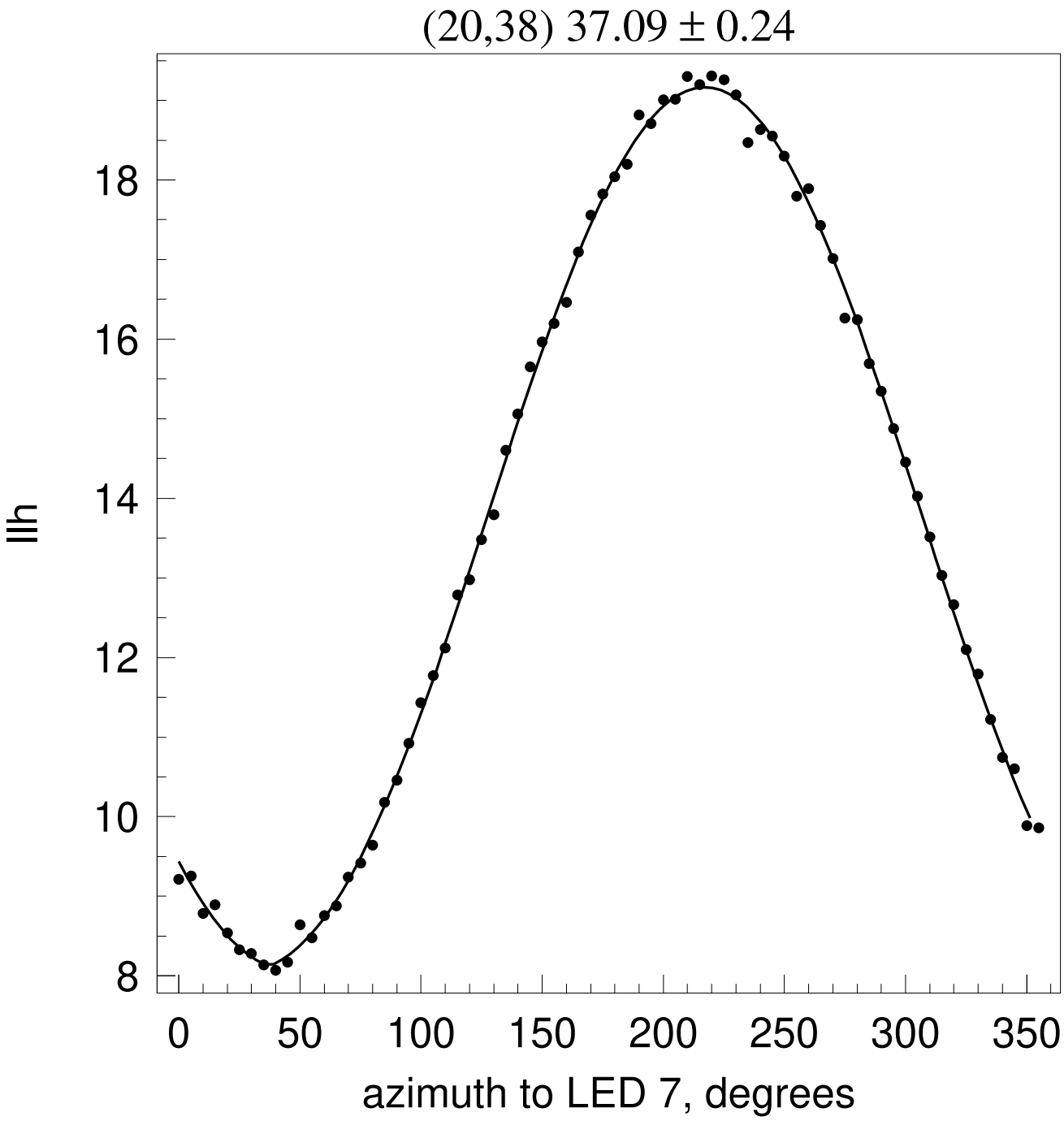

(20,33) 240.42 ± 0.44
17
16
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

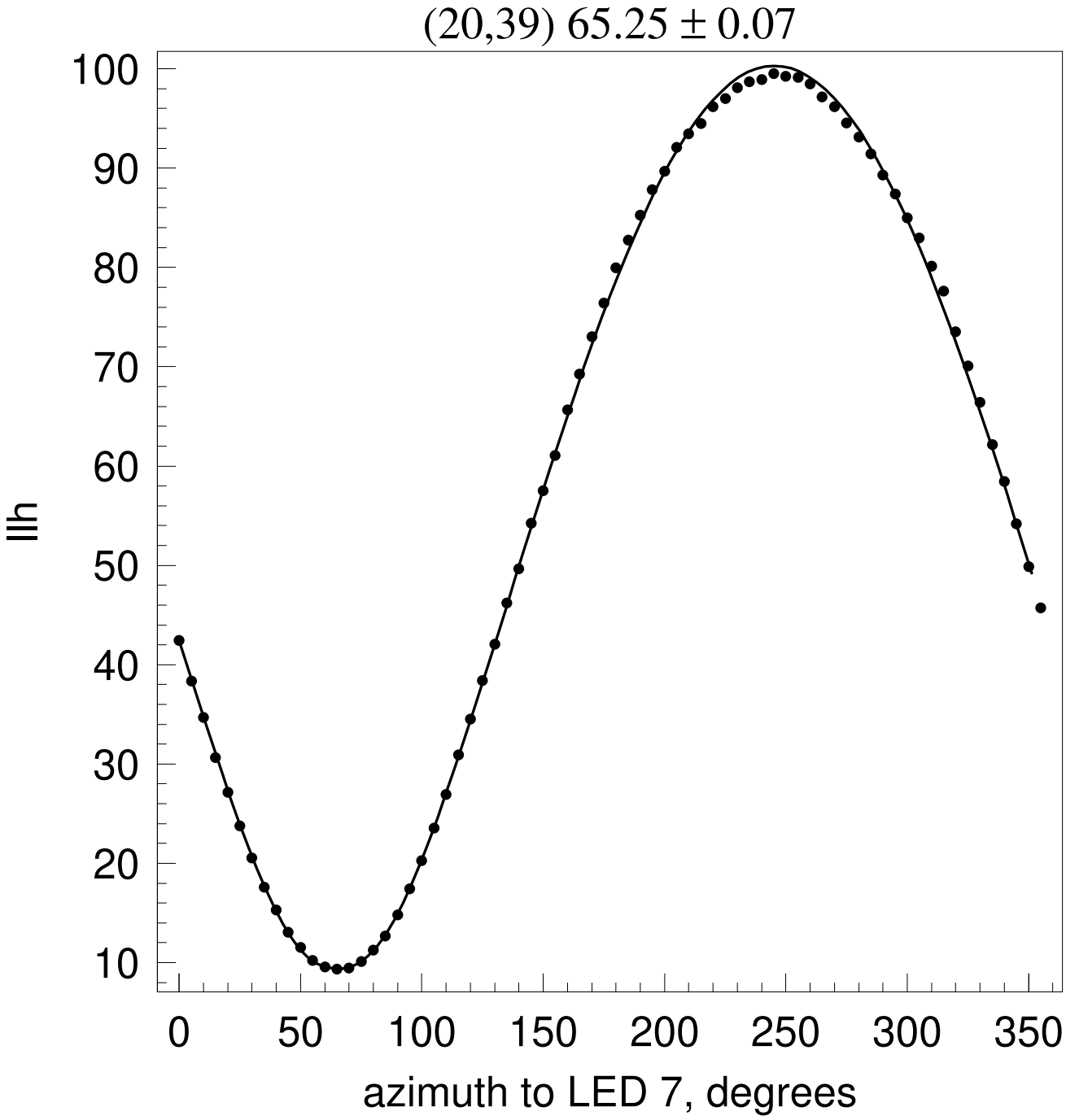

(20,34) 282.04 ± 1.28
12
11.5
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

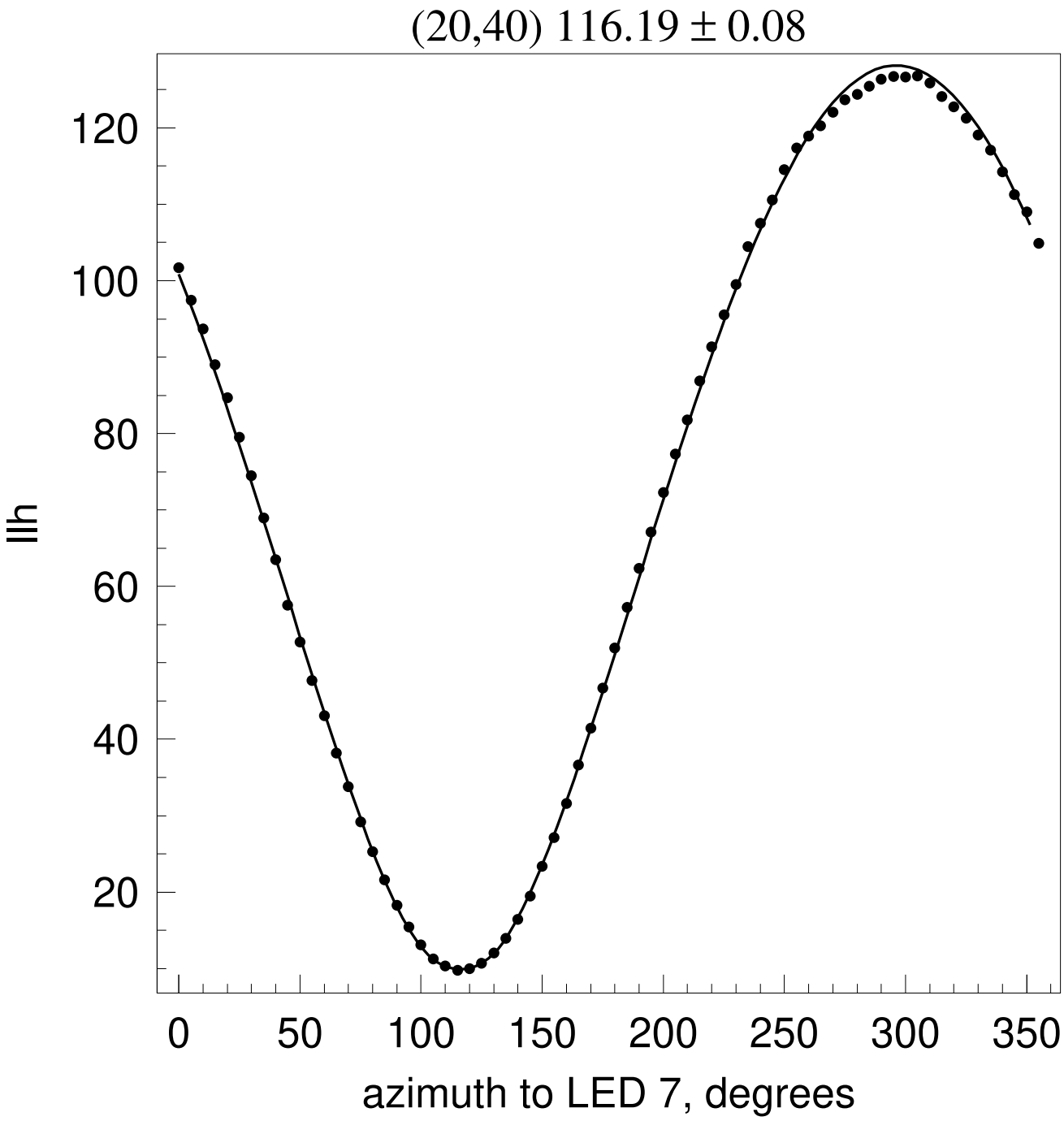

(20,35) 69.99 ± 9.67
llh
9.2
9
8.8
8.6
8.4
8.2
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

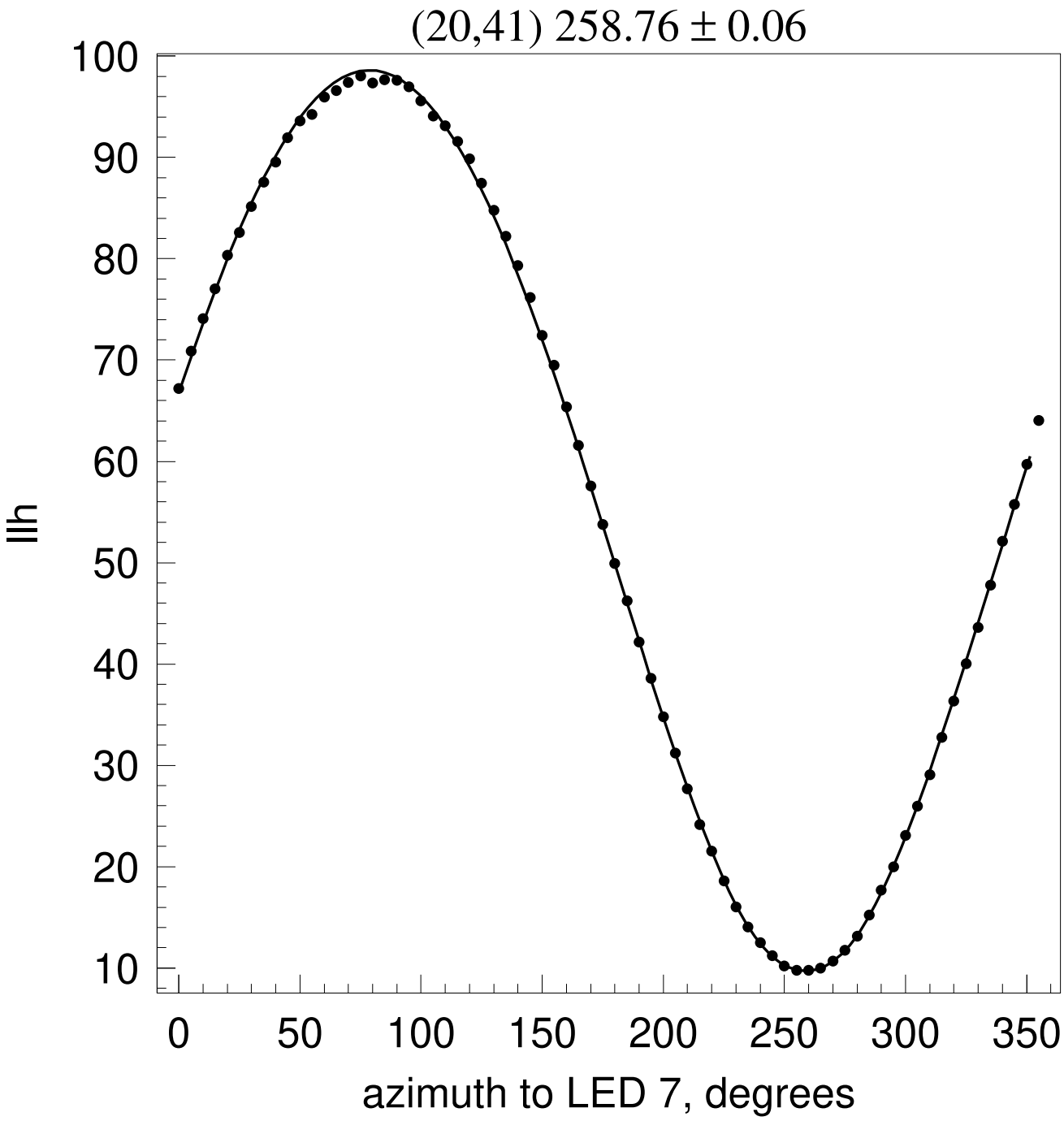

(20,36) 65.90 ± 12.06
8.6
8.4
8.2
8
7.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

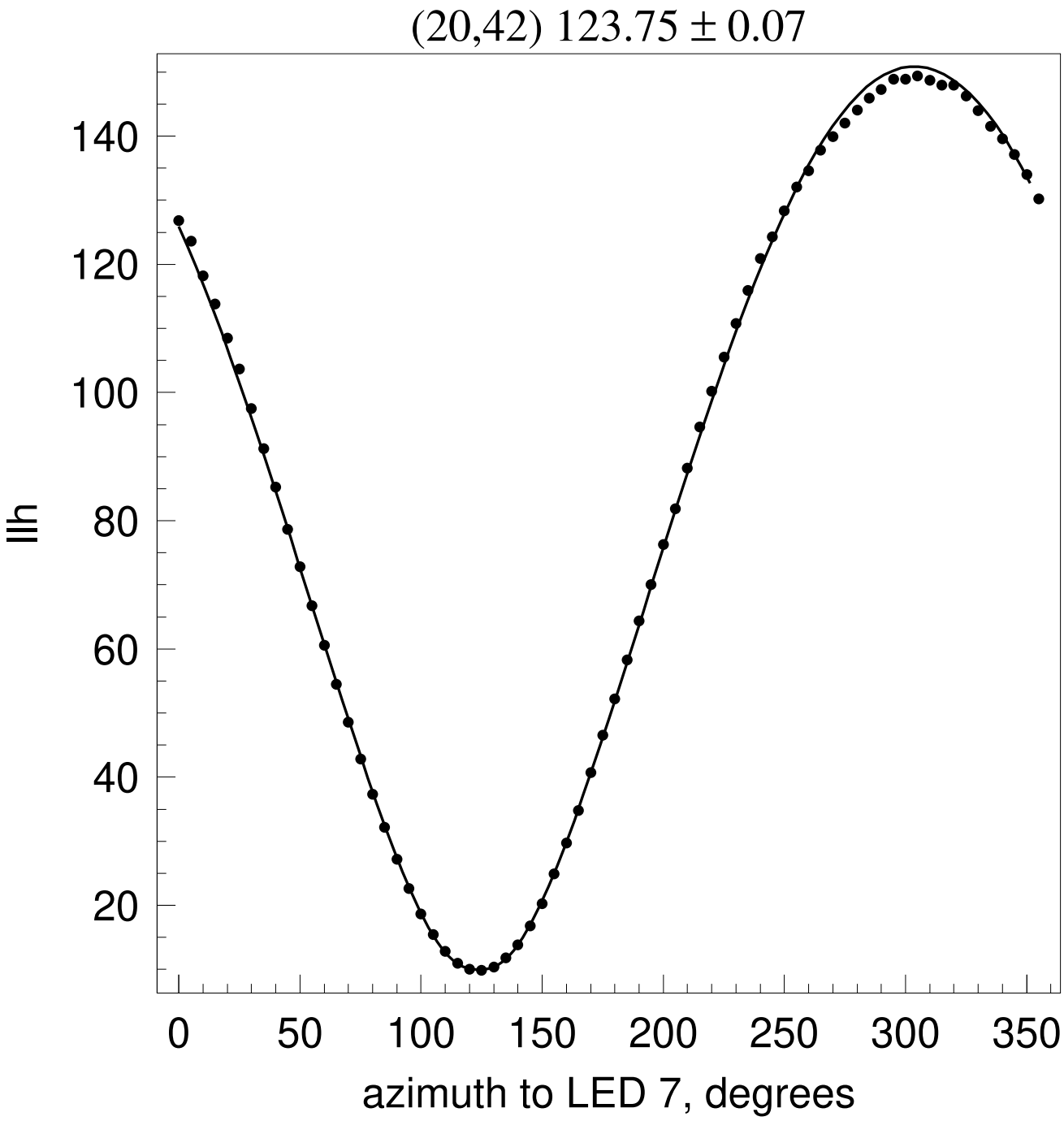

(20,37) 172.56 ± 3.76
9.4
9.2
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

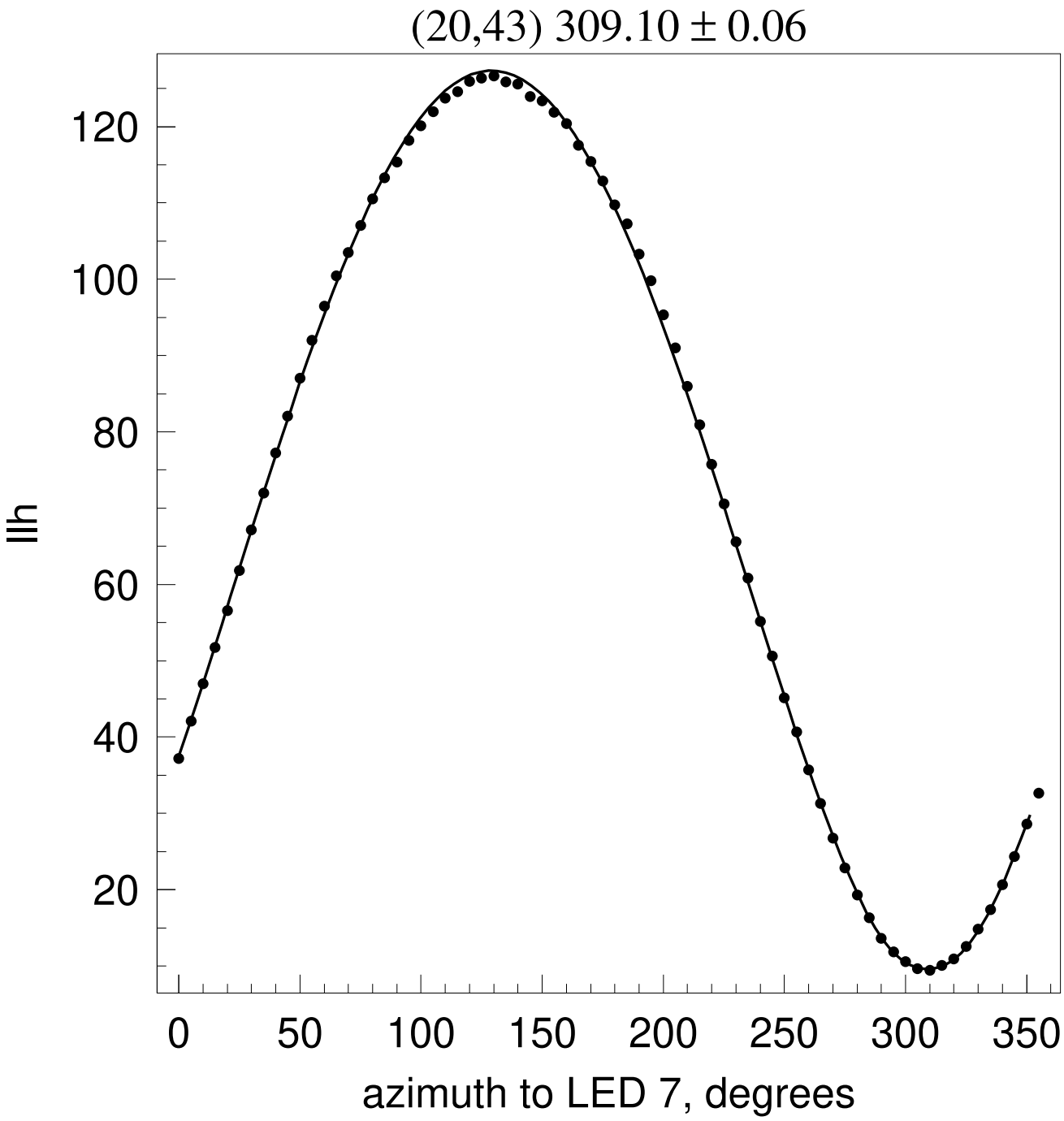

(20,38) 37.09 ± 0.24
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

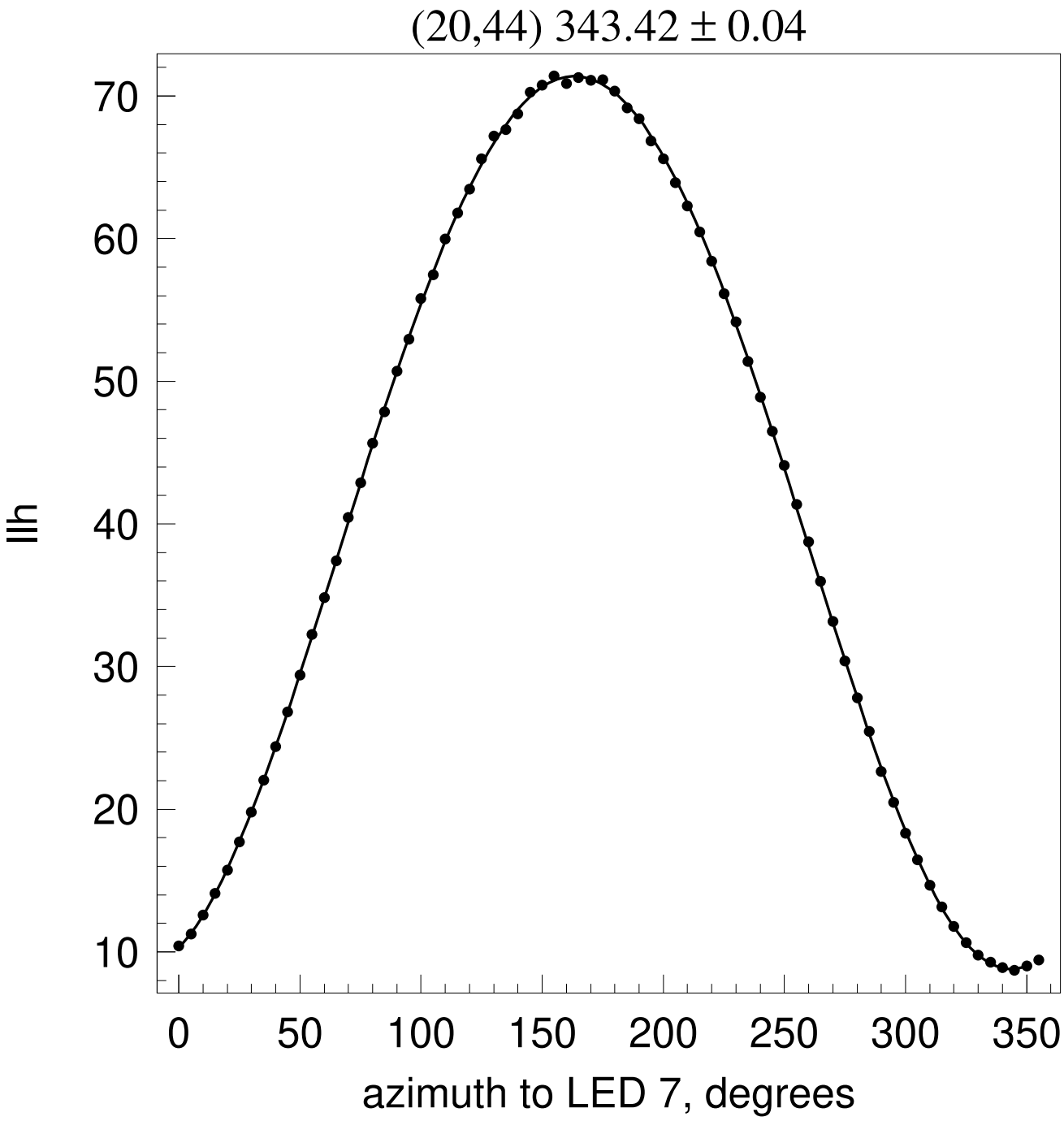

(20,39) 65.25 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

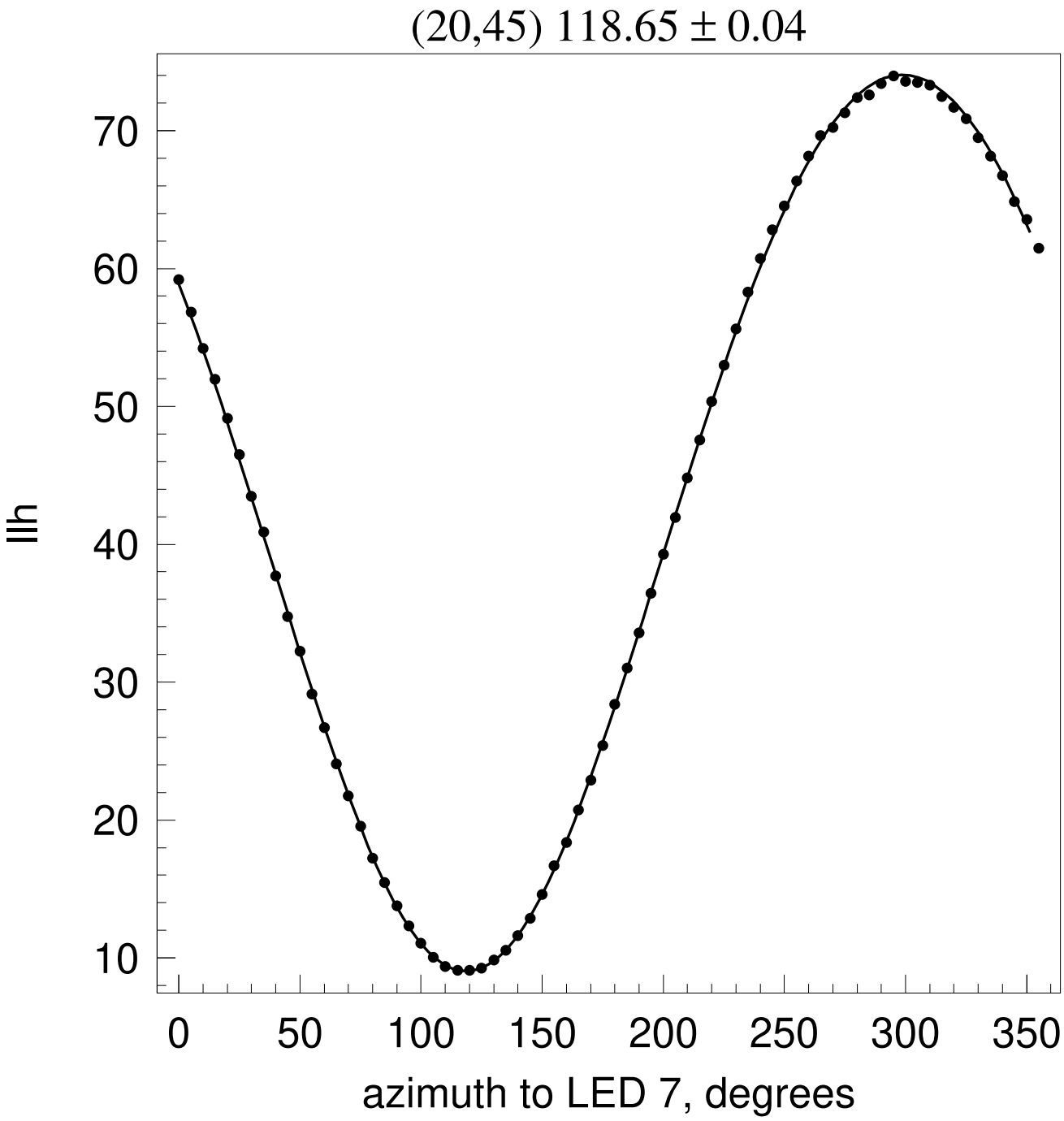

(20,40) 116.19 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

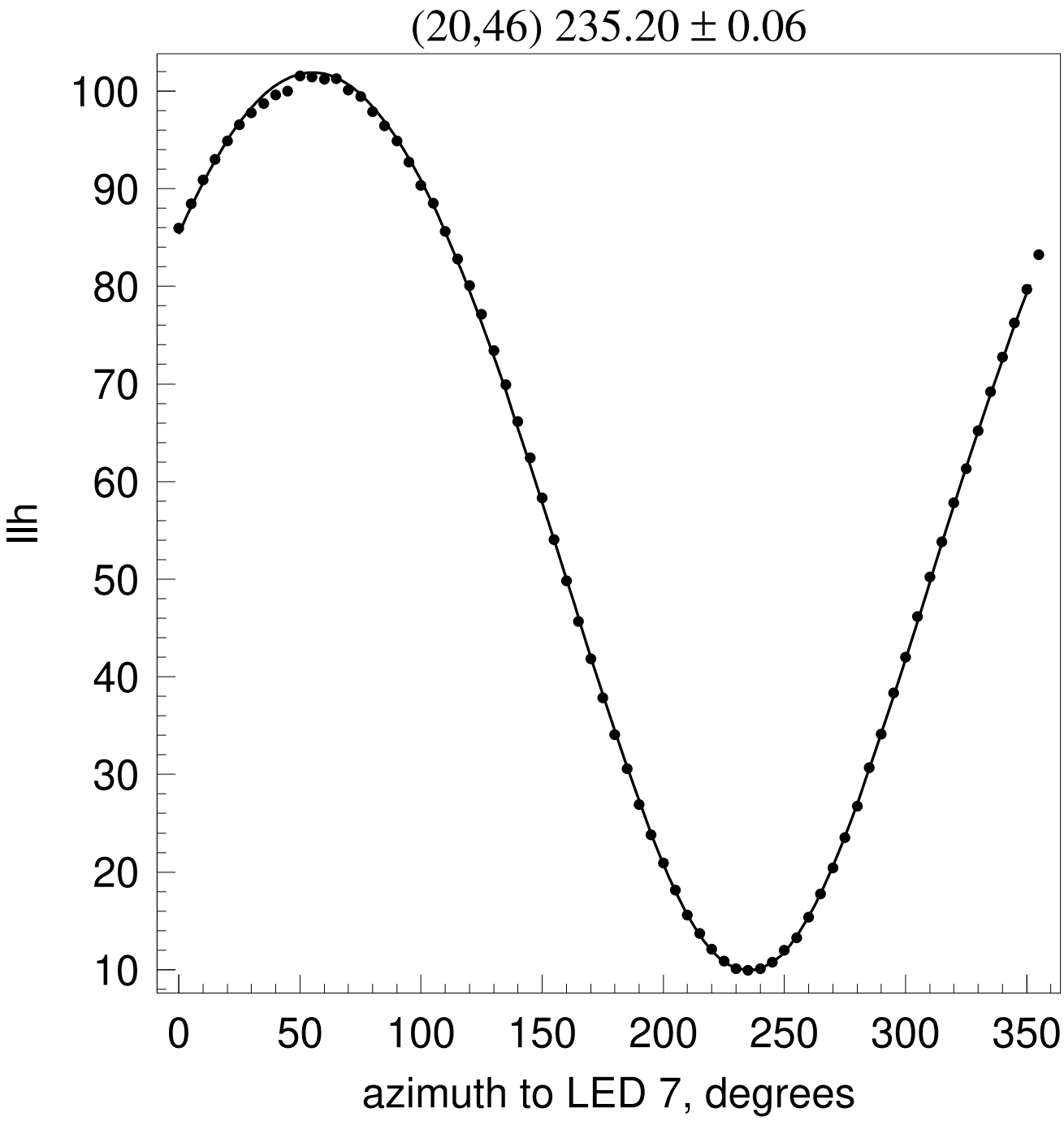

(20,41) 258.76 ± 0.06
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

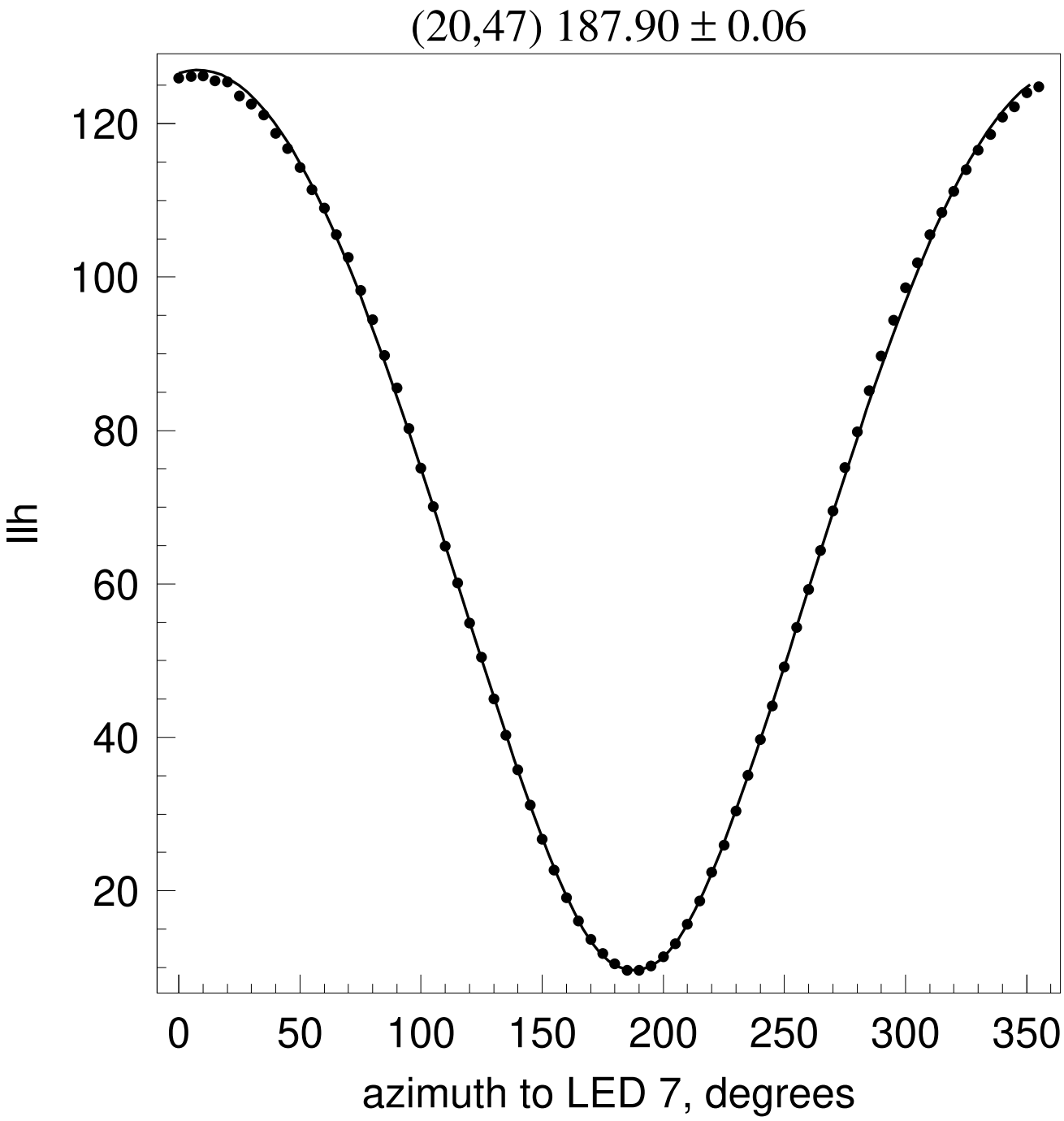

(20,42) 123.75 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

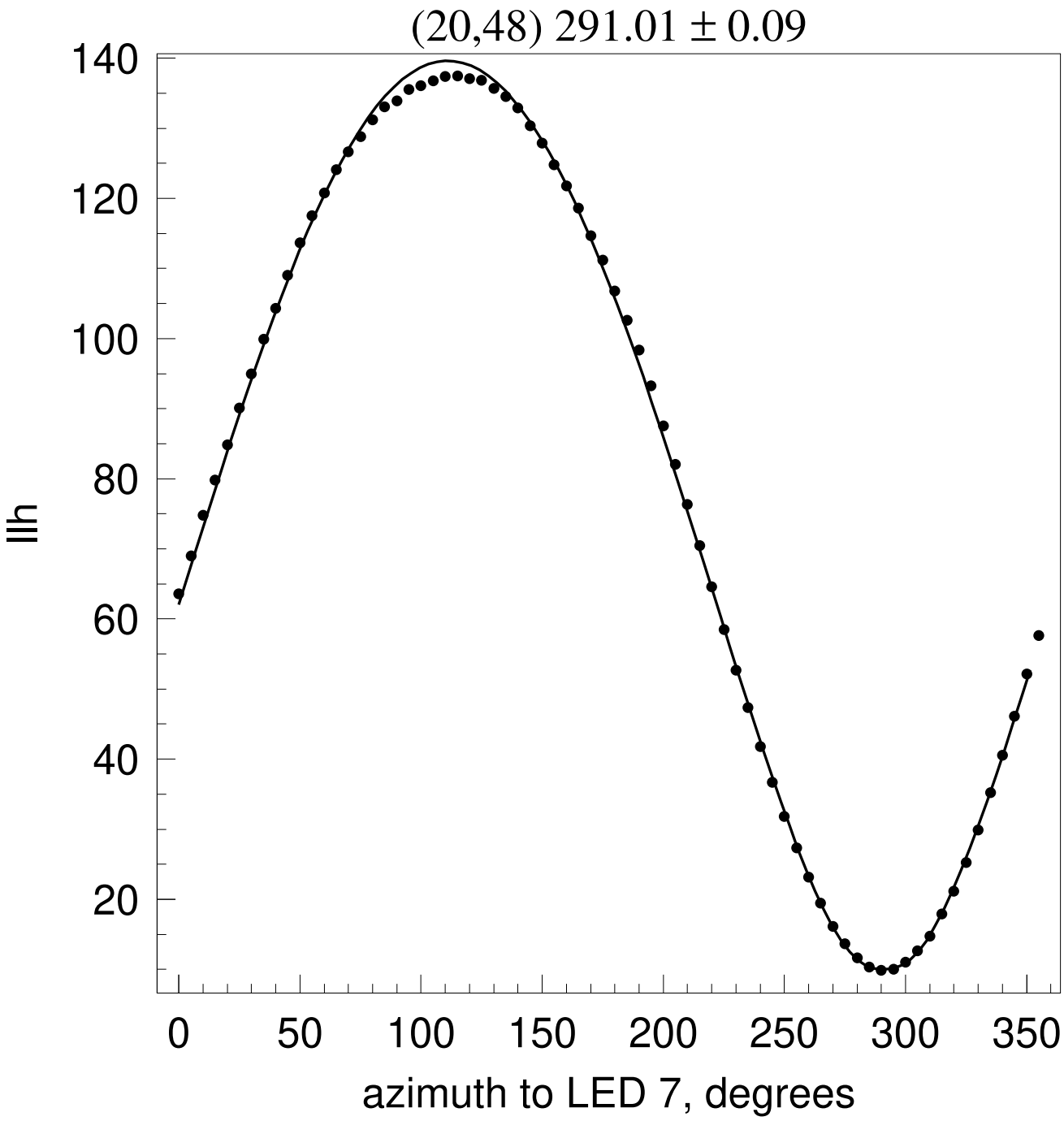

(20,43) 309.10 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

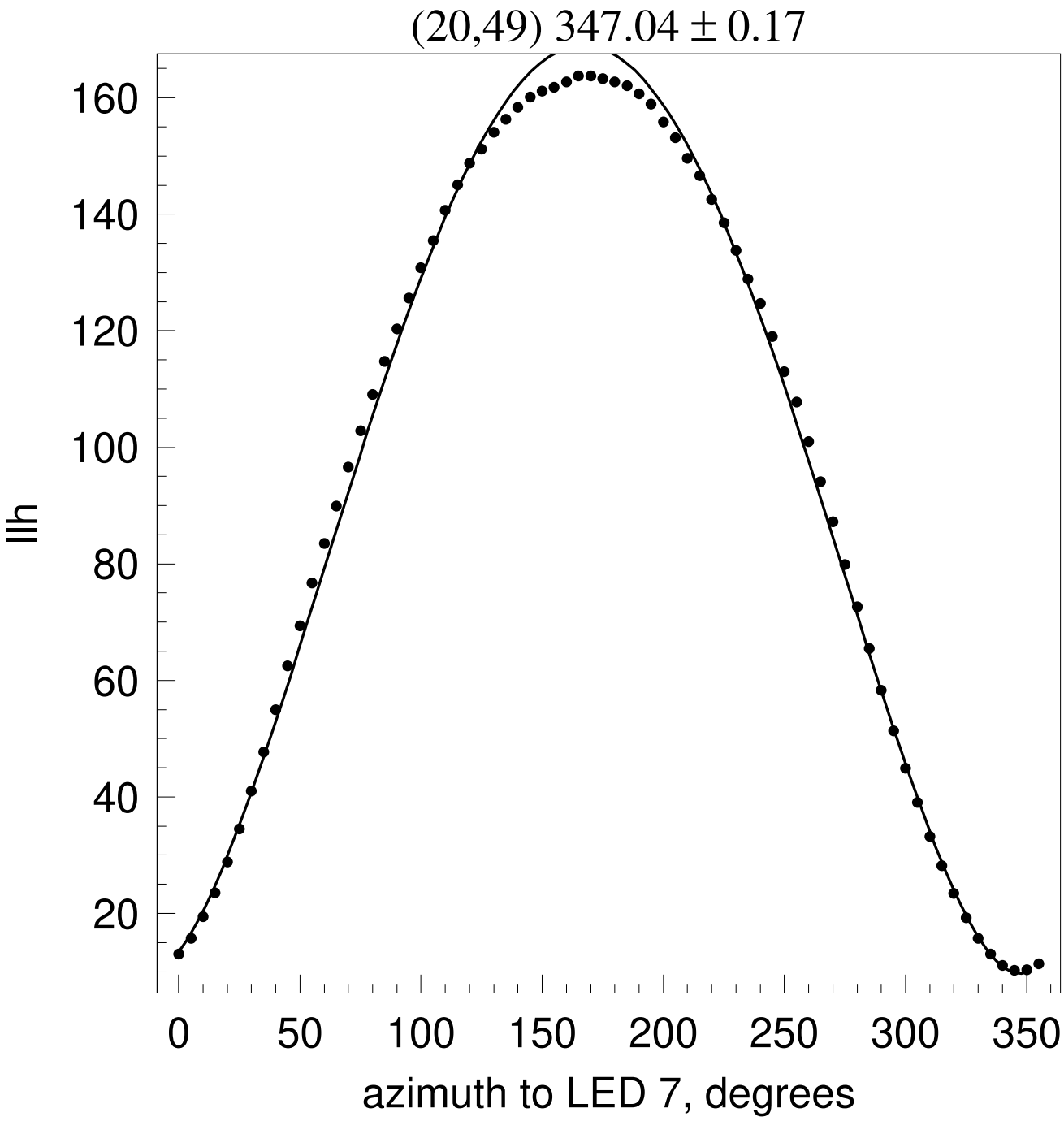

(20,44) 343.42 ± 0.04
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

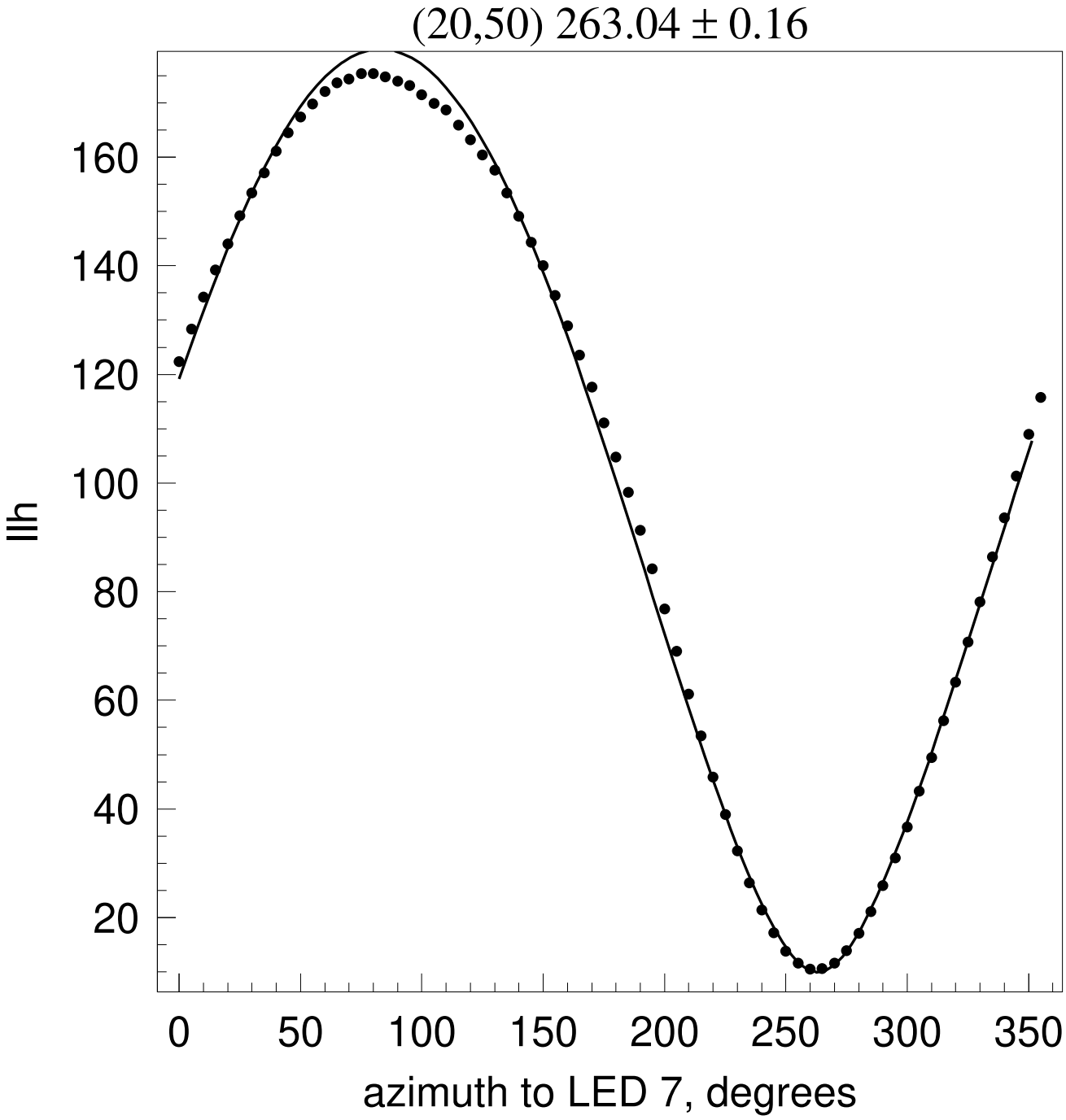

(20,45) 118.65 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

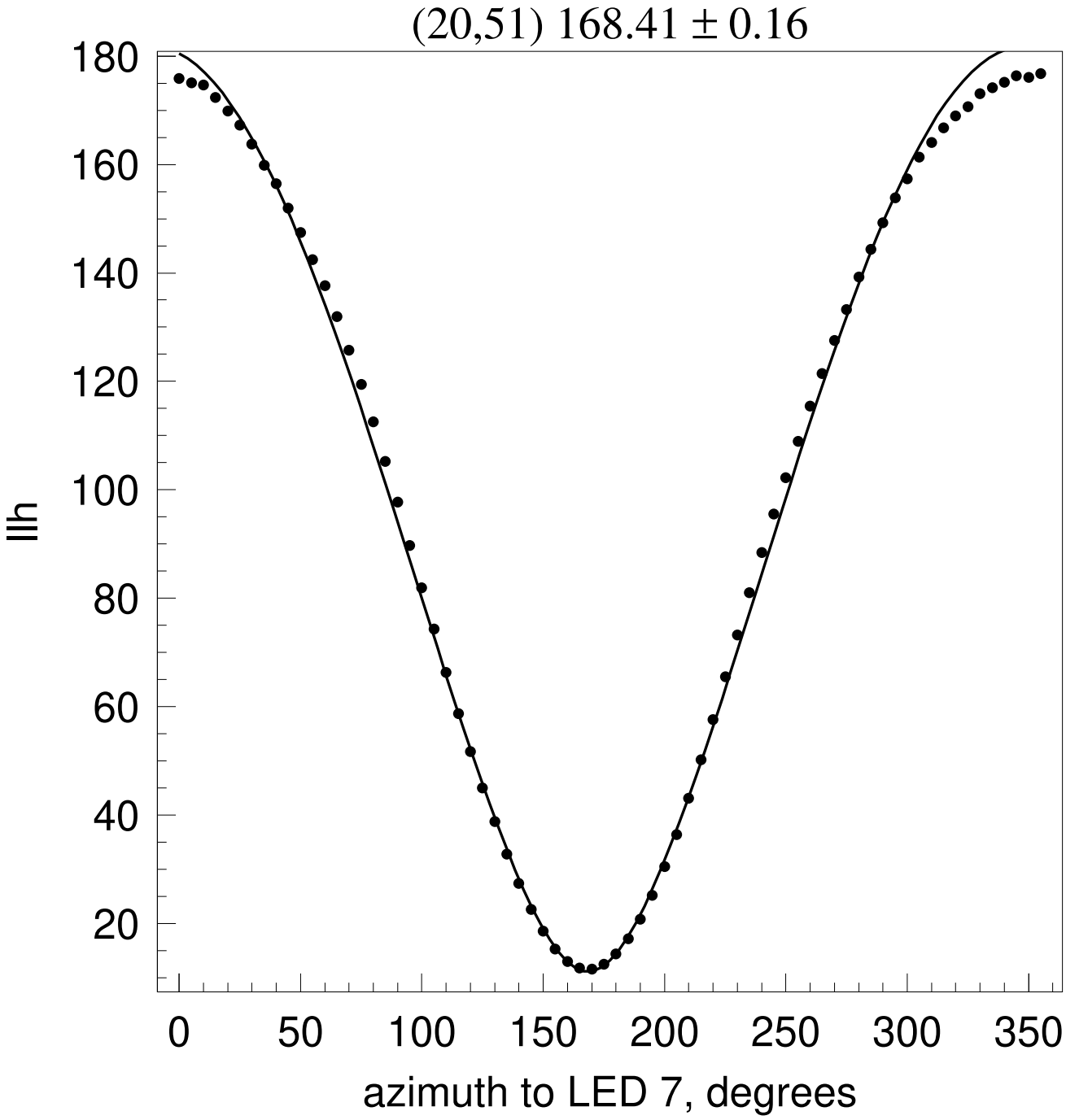

(20,46) 235.20 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

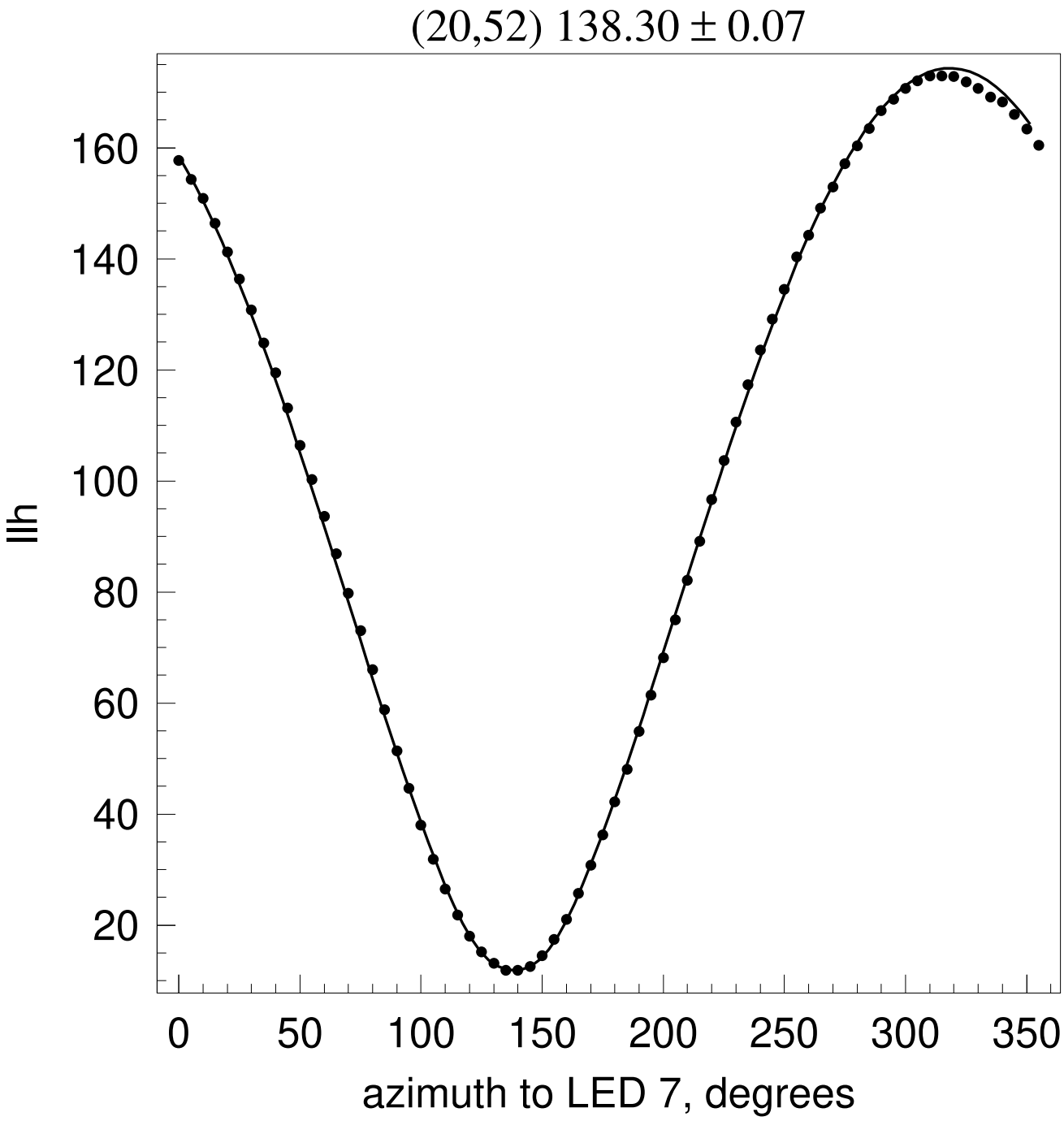

(20,47) 187.90 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

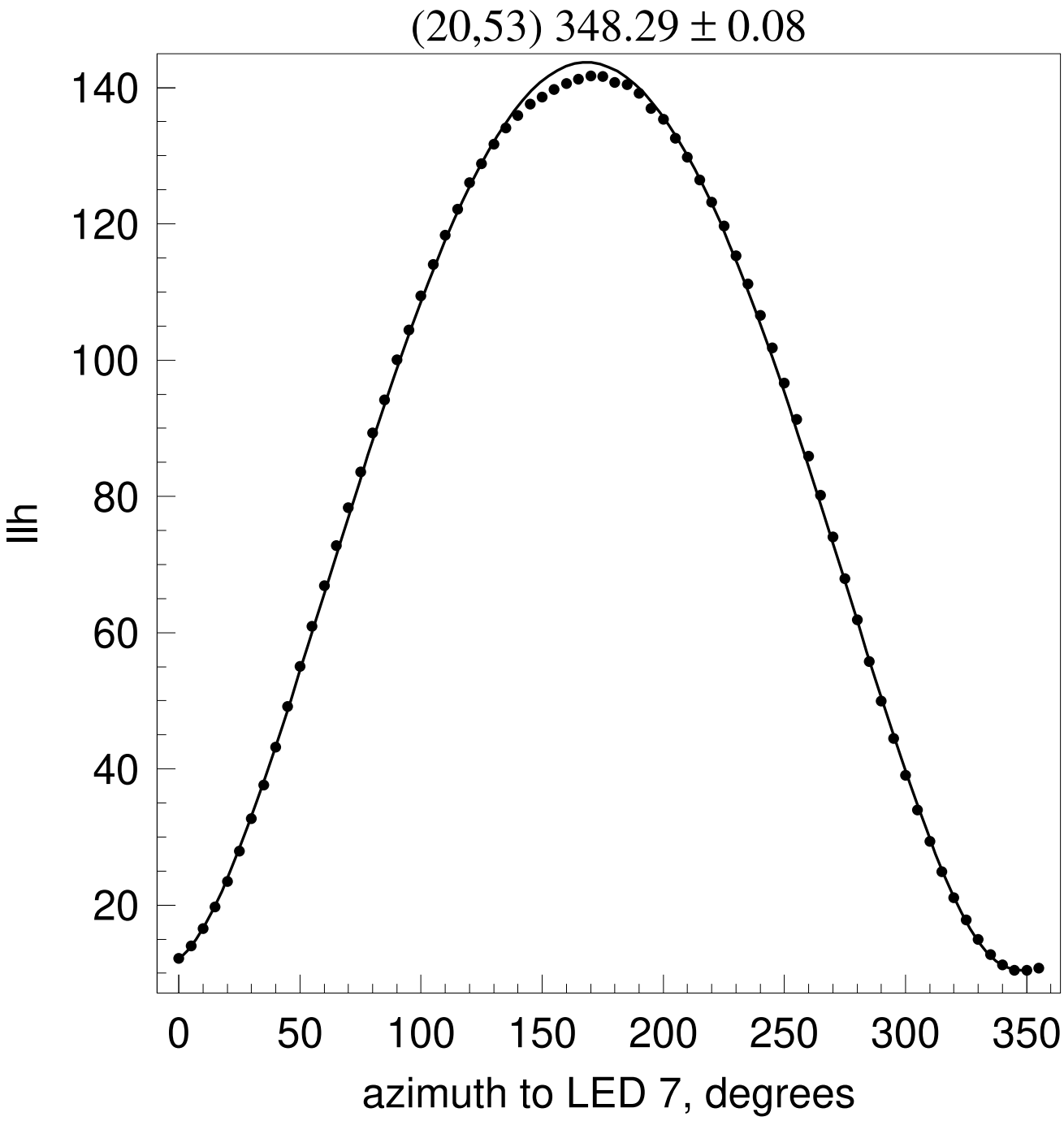

(20,48) 291.01 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

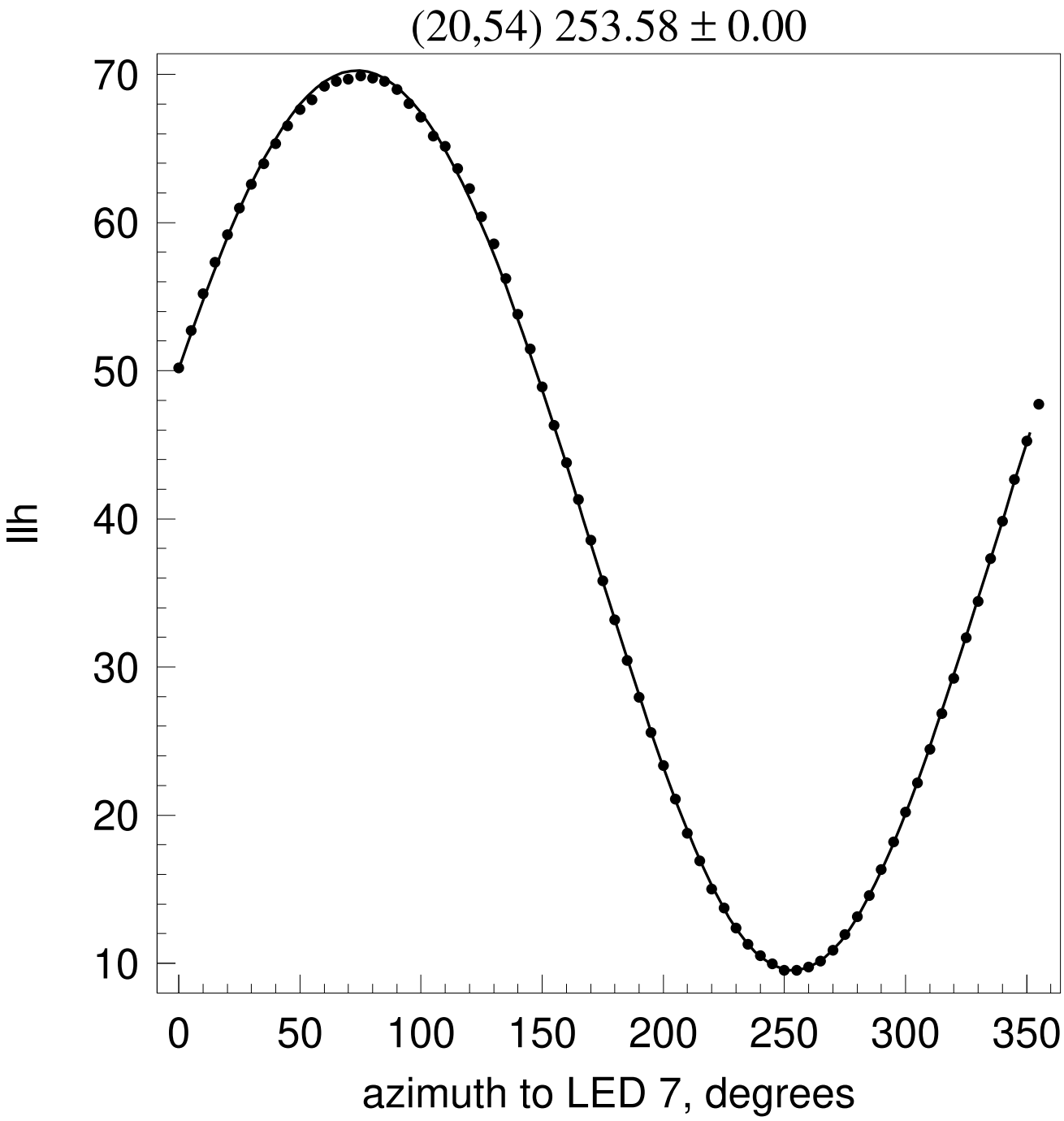

(20,49) 347.04 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

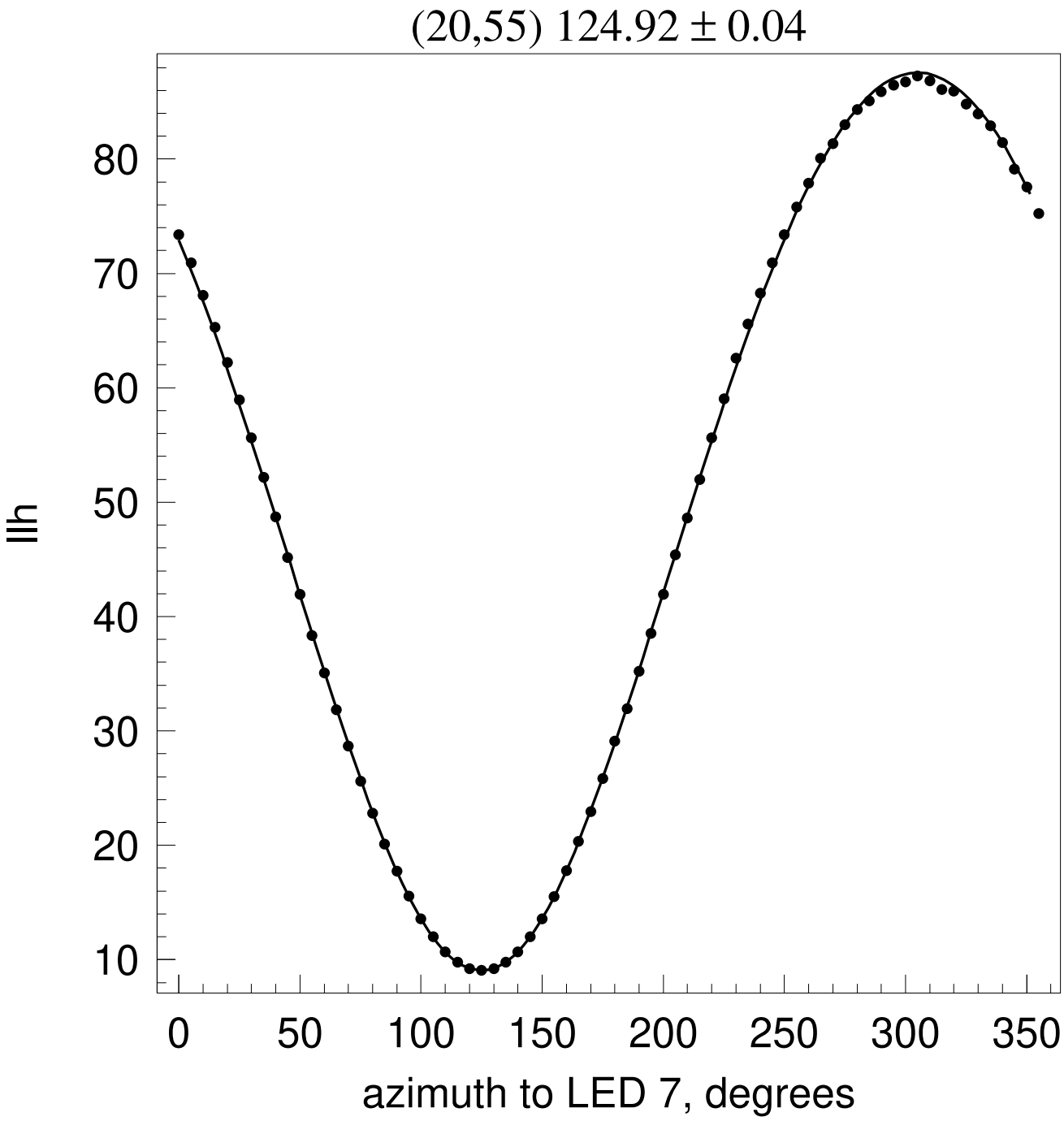

(20,50) 263.04 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

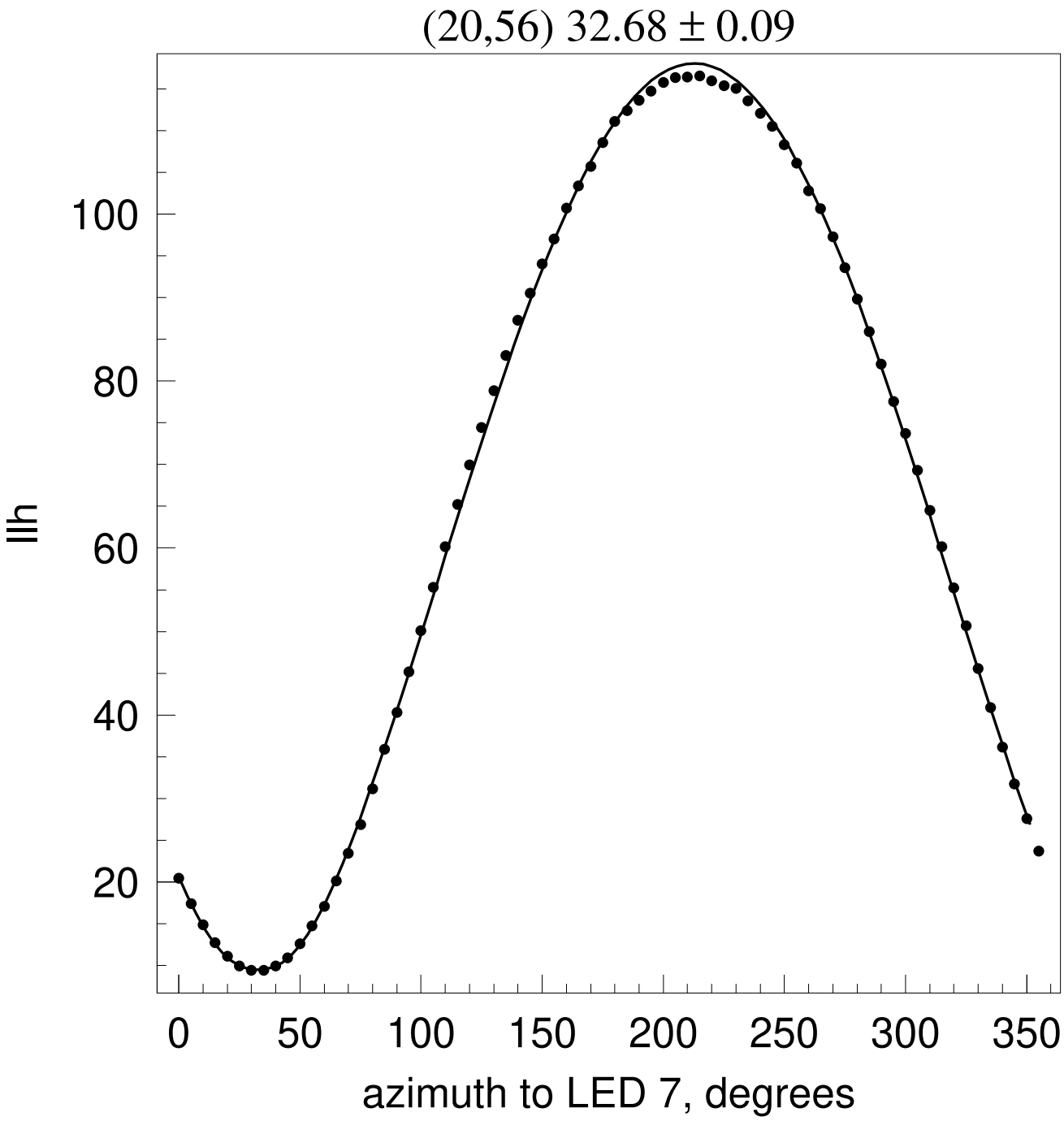

(20,51) 168.41 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

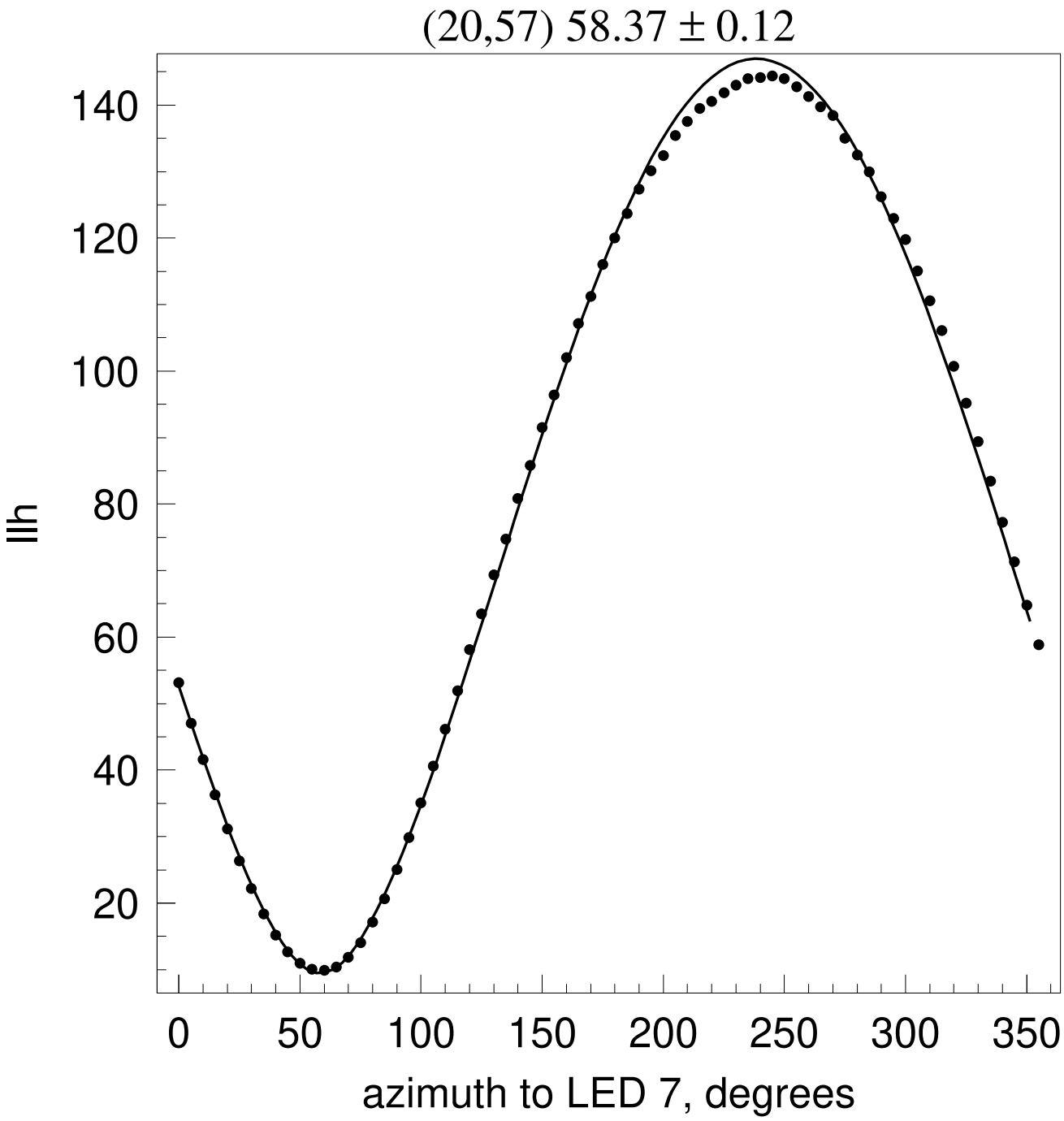

(20,52) 138.30 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

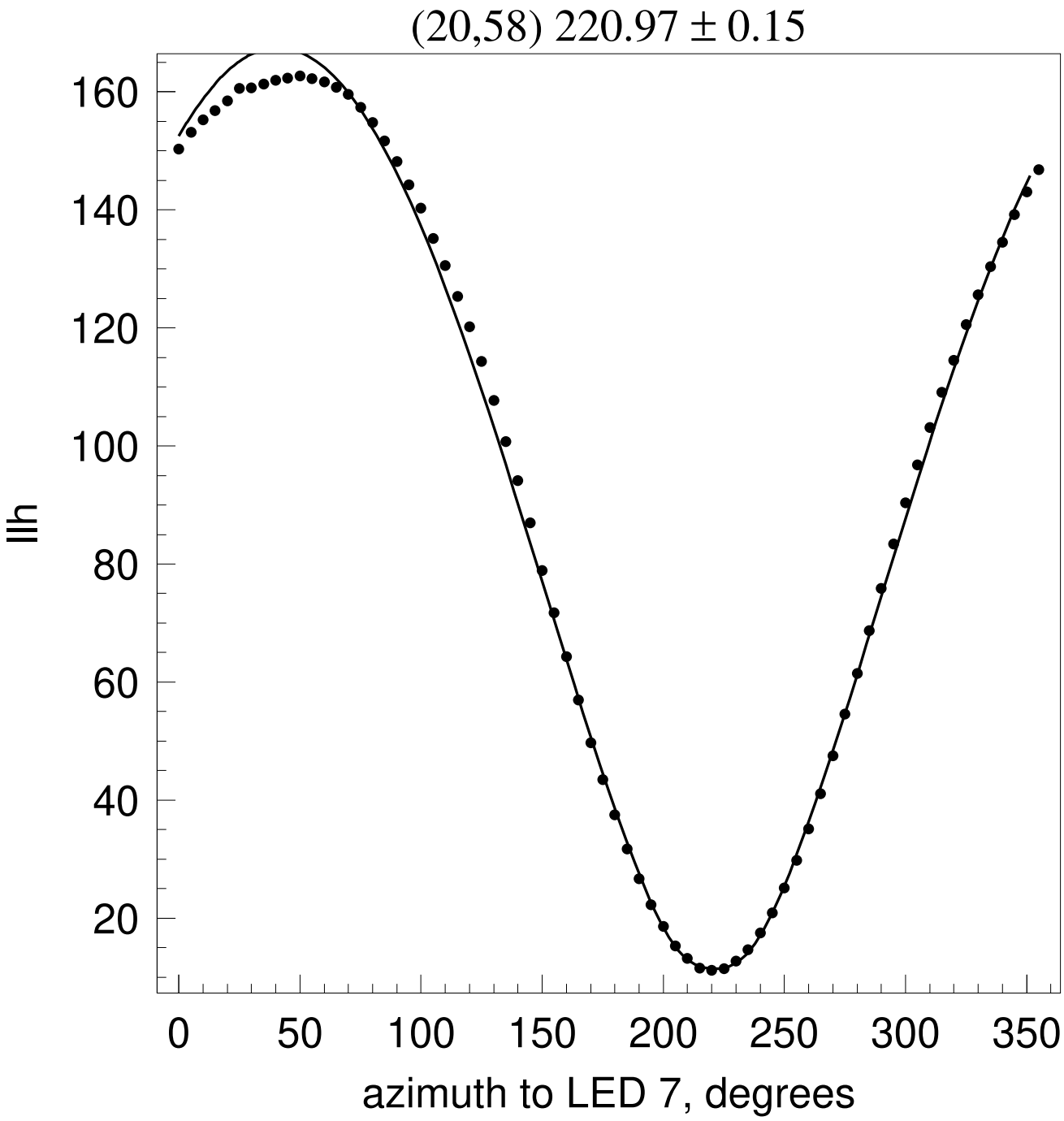

(20,53) 348.29 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

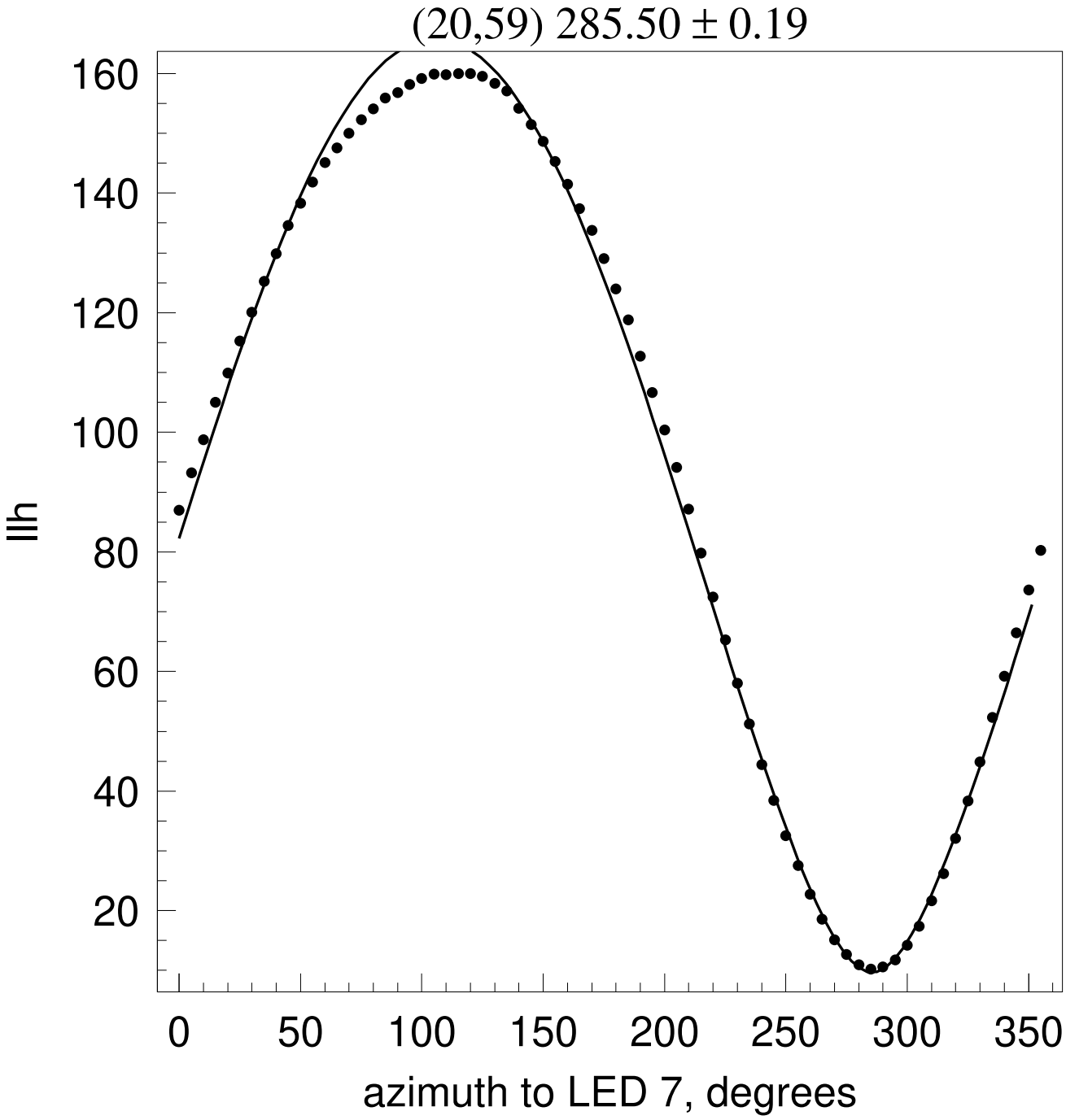

(20,54) 253.58 ± 0.00
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

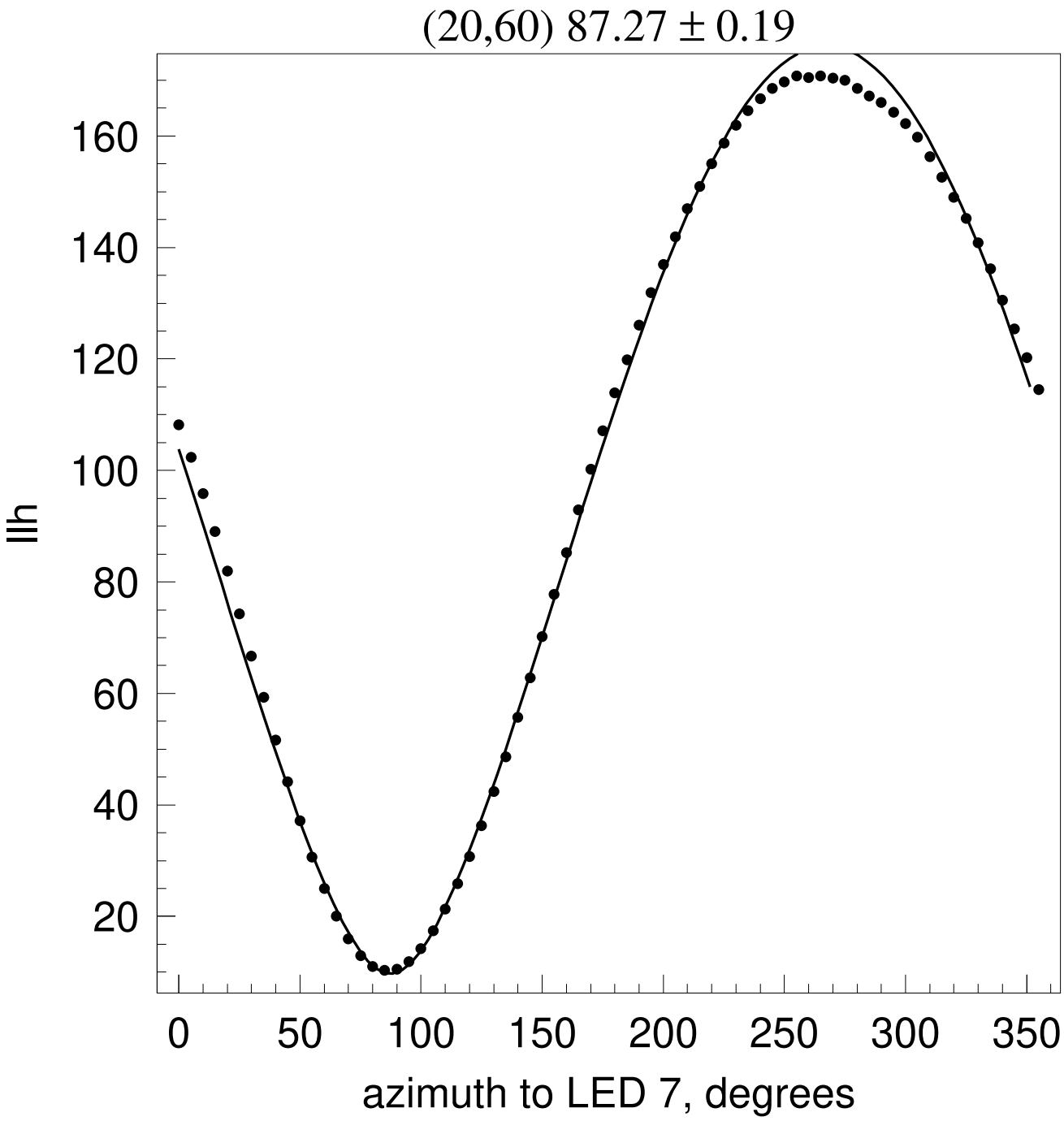

(20,55) 124.92 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

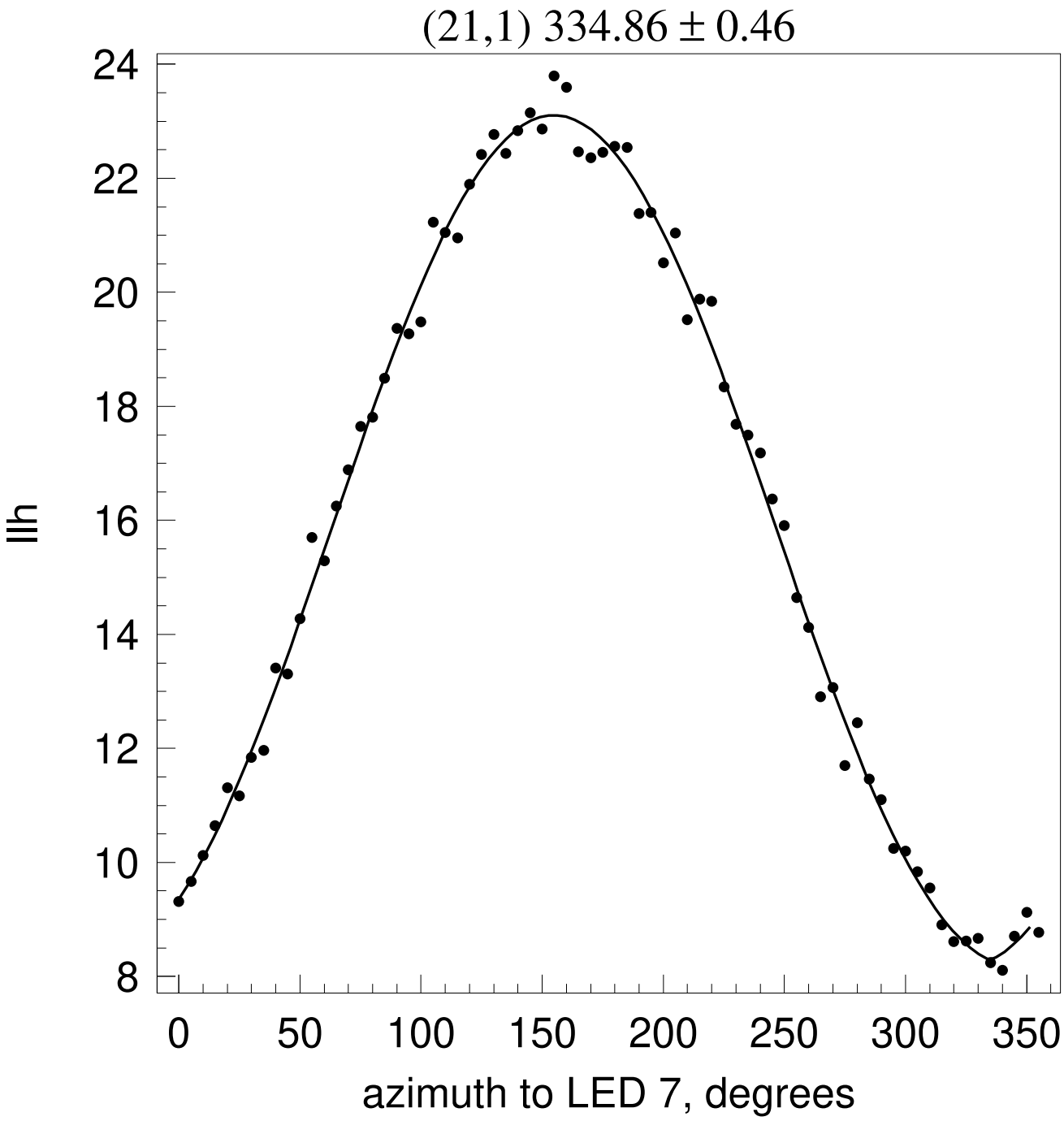

(20,56) 32.68 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

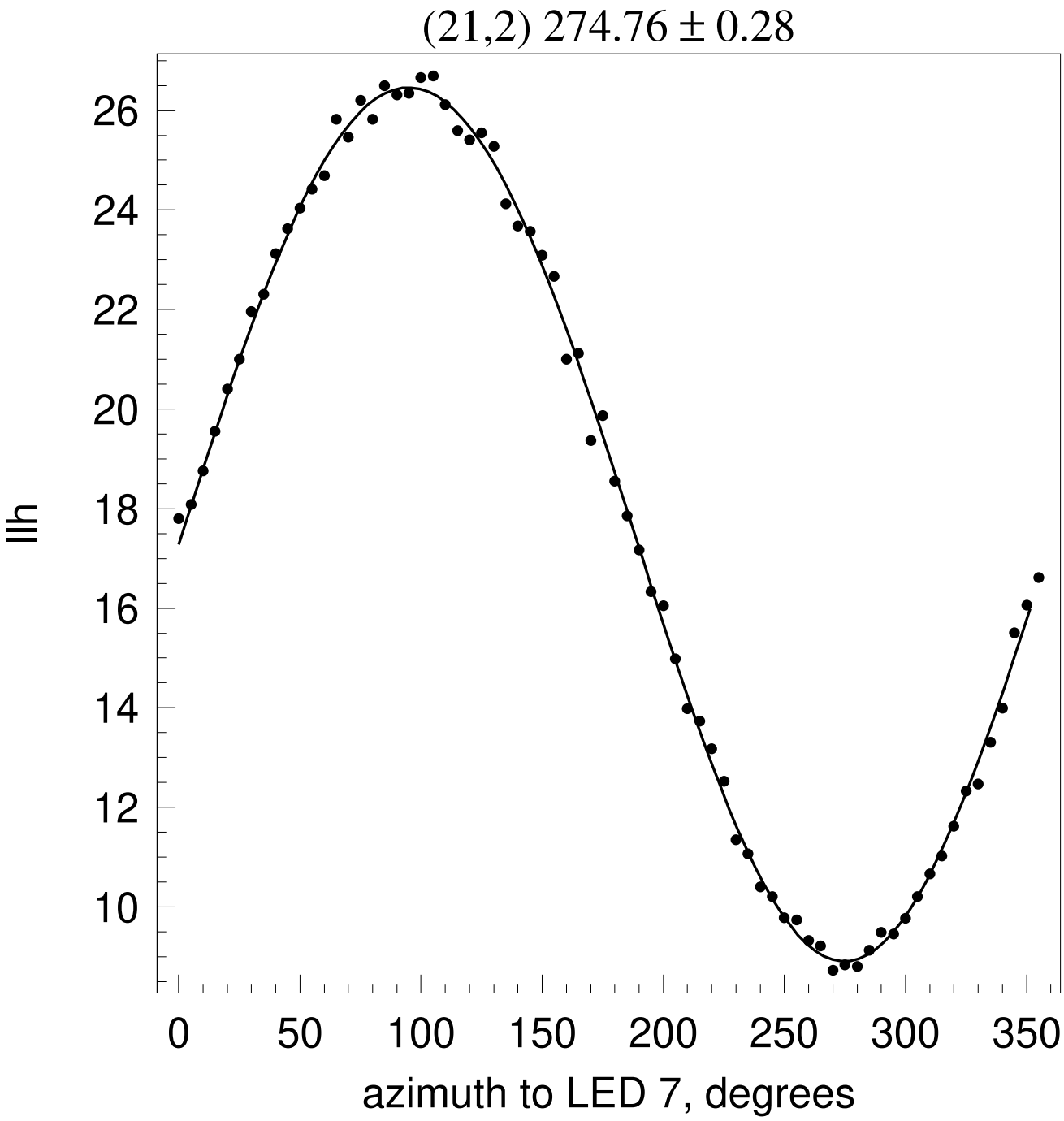

(20,57) 58.37 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

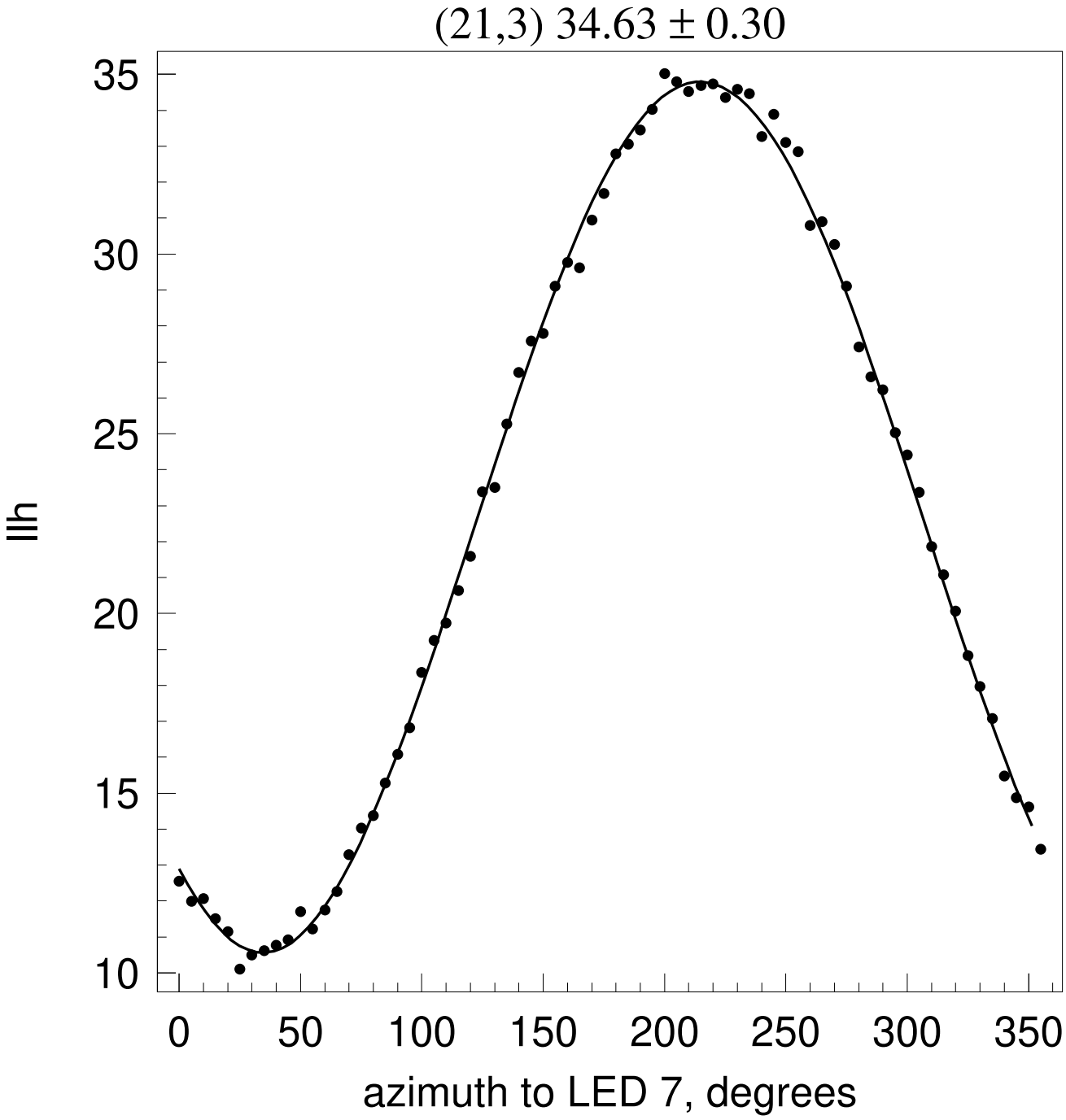

(20,58) 220.97 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

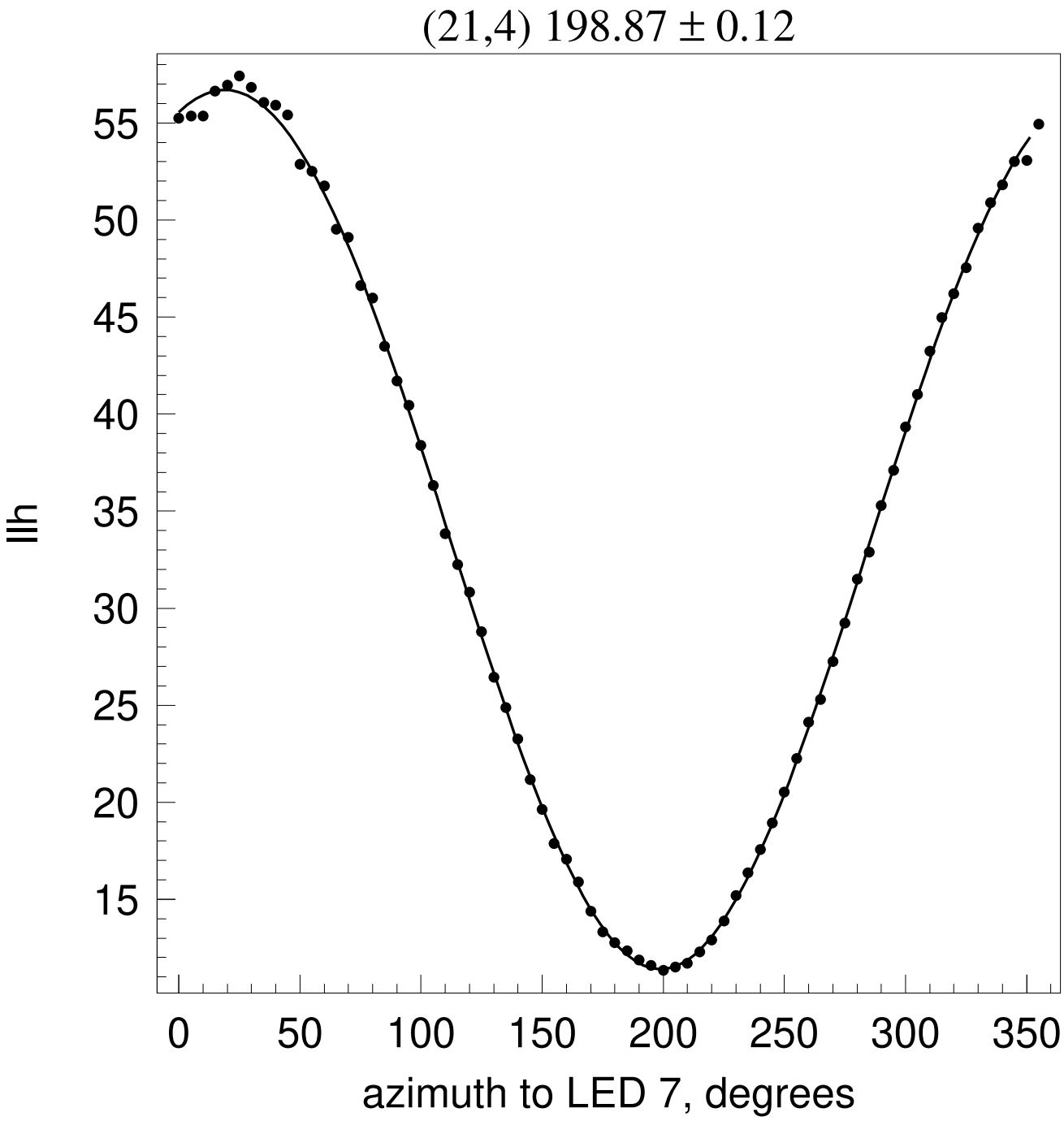

(20,59) 285.50 ± 0.19
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

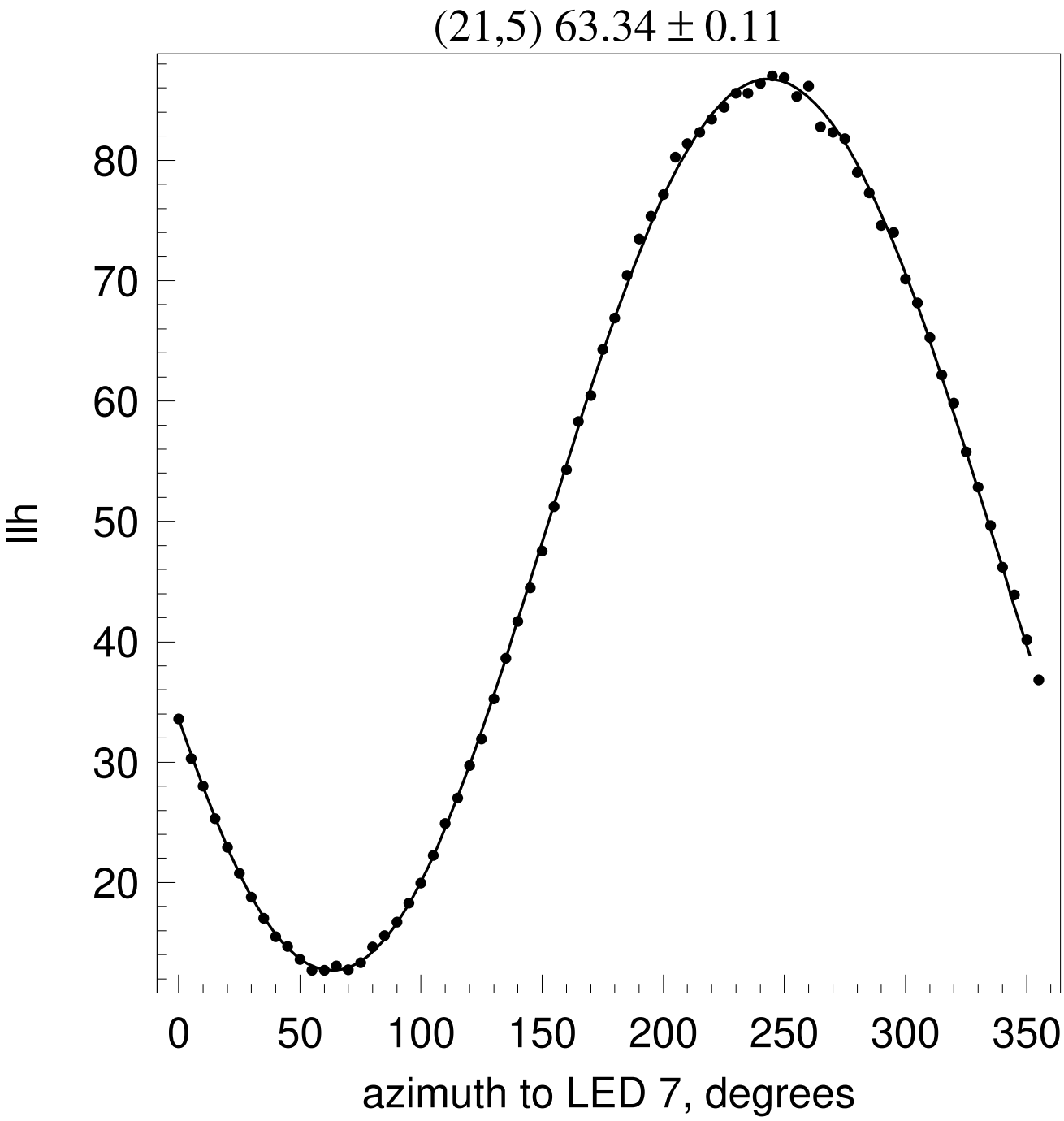

(20,60) 87.27 ± 0.19
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

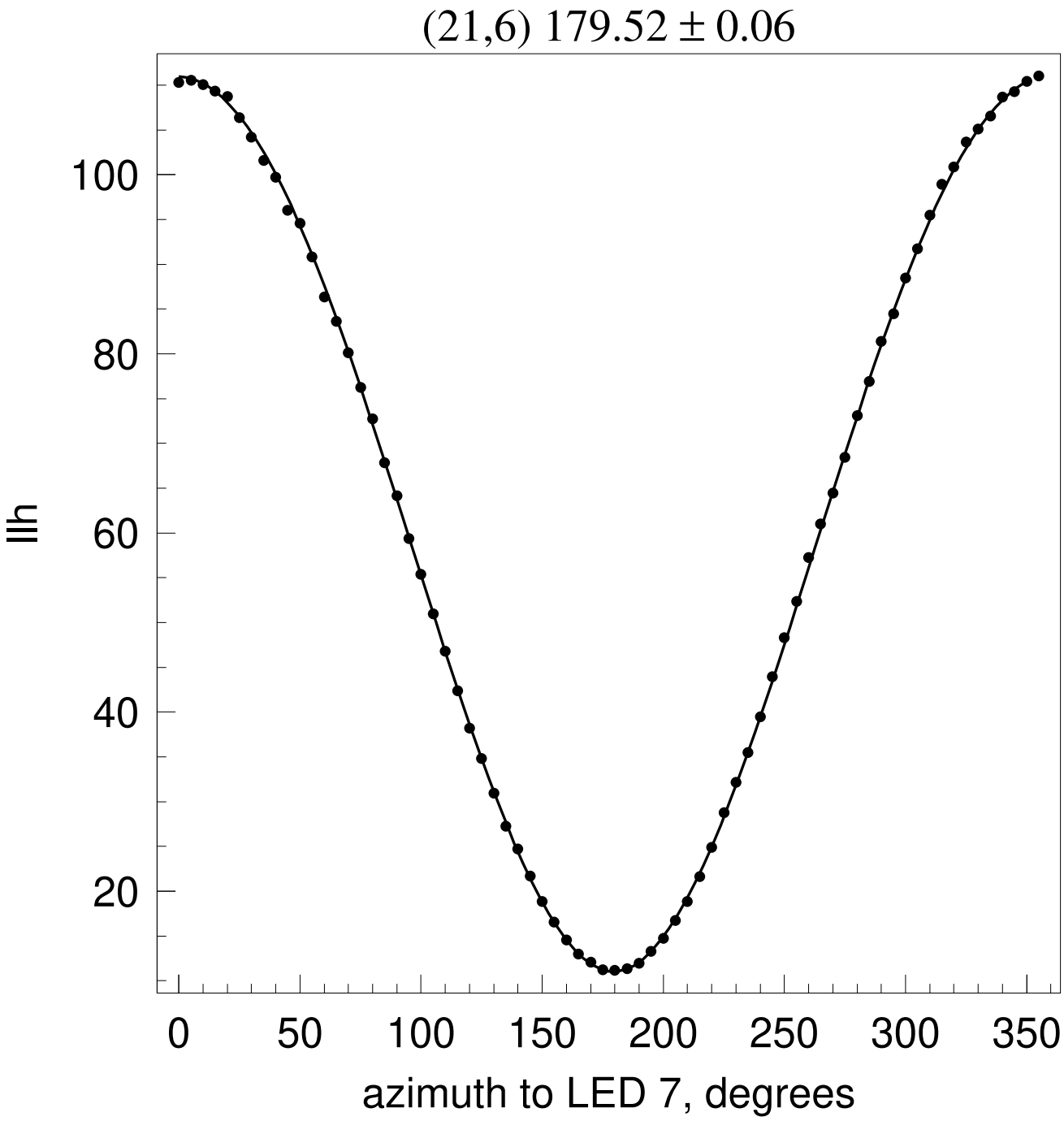

(21,1) 334.86 ± 0.46
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

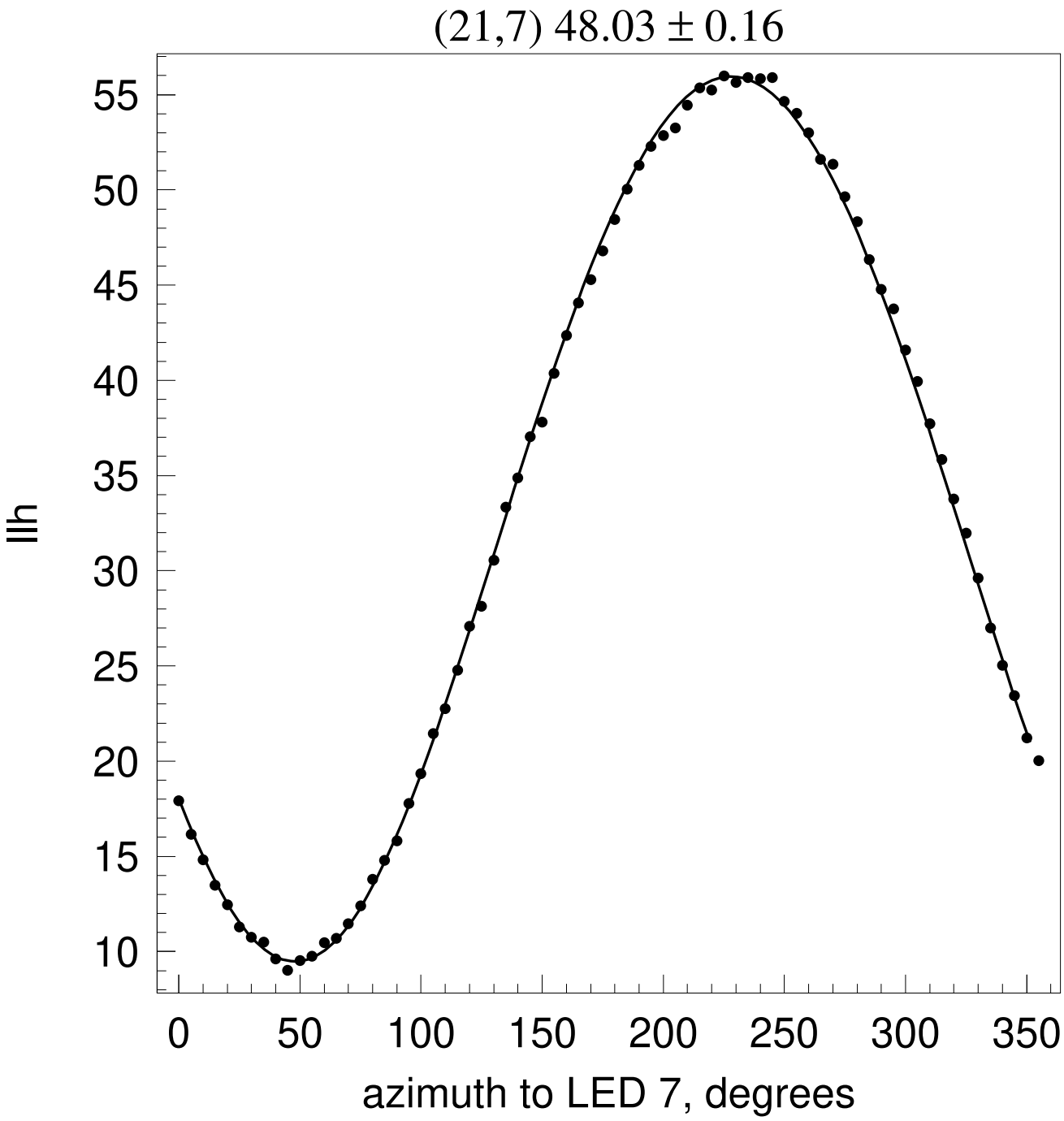

(21,2) 274.76 ± 0.28
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

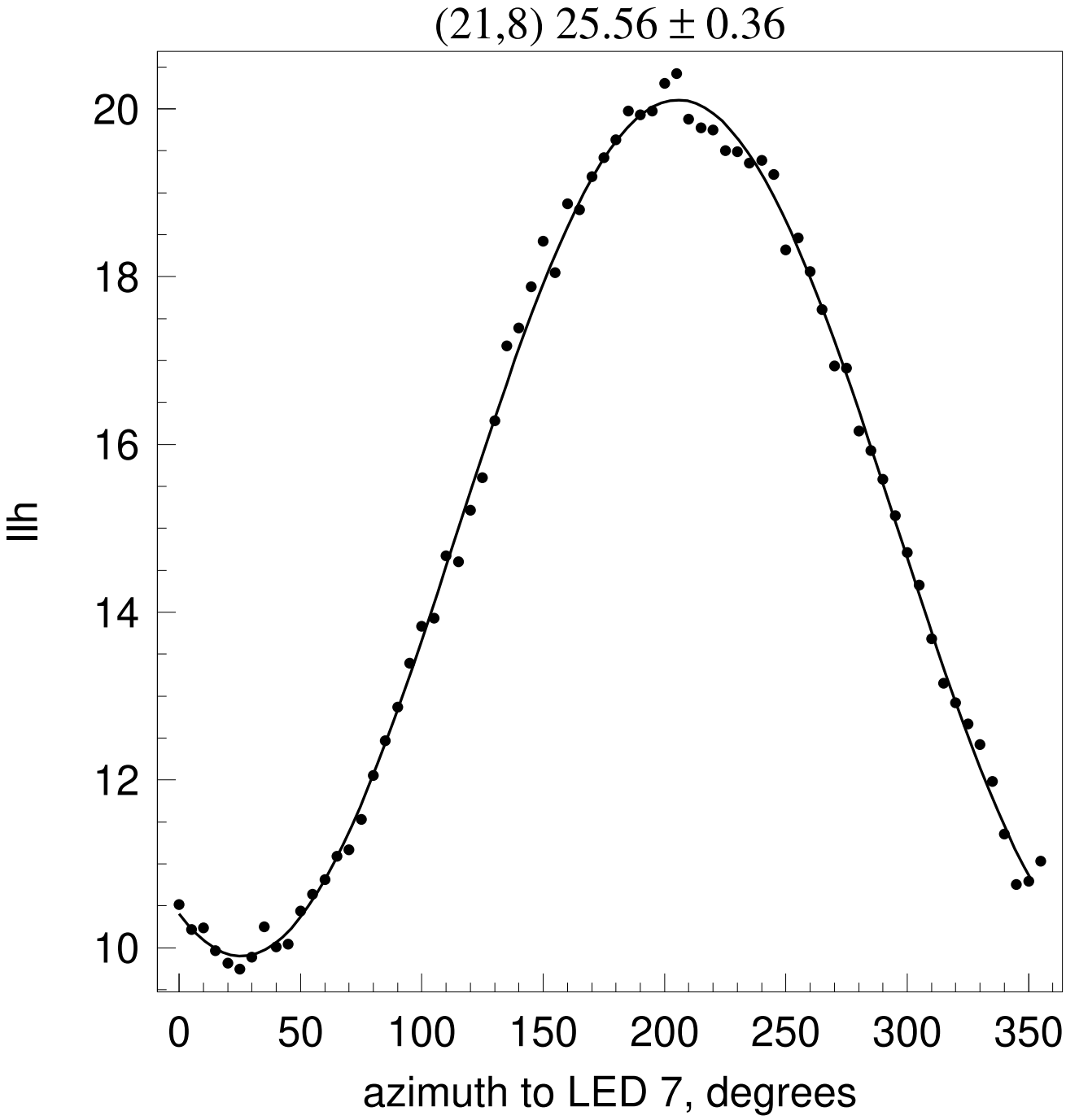

(21,3) 34.63 ± 0.30
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

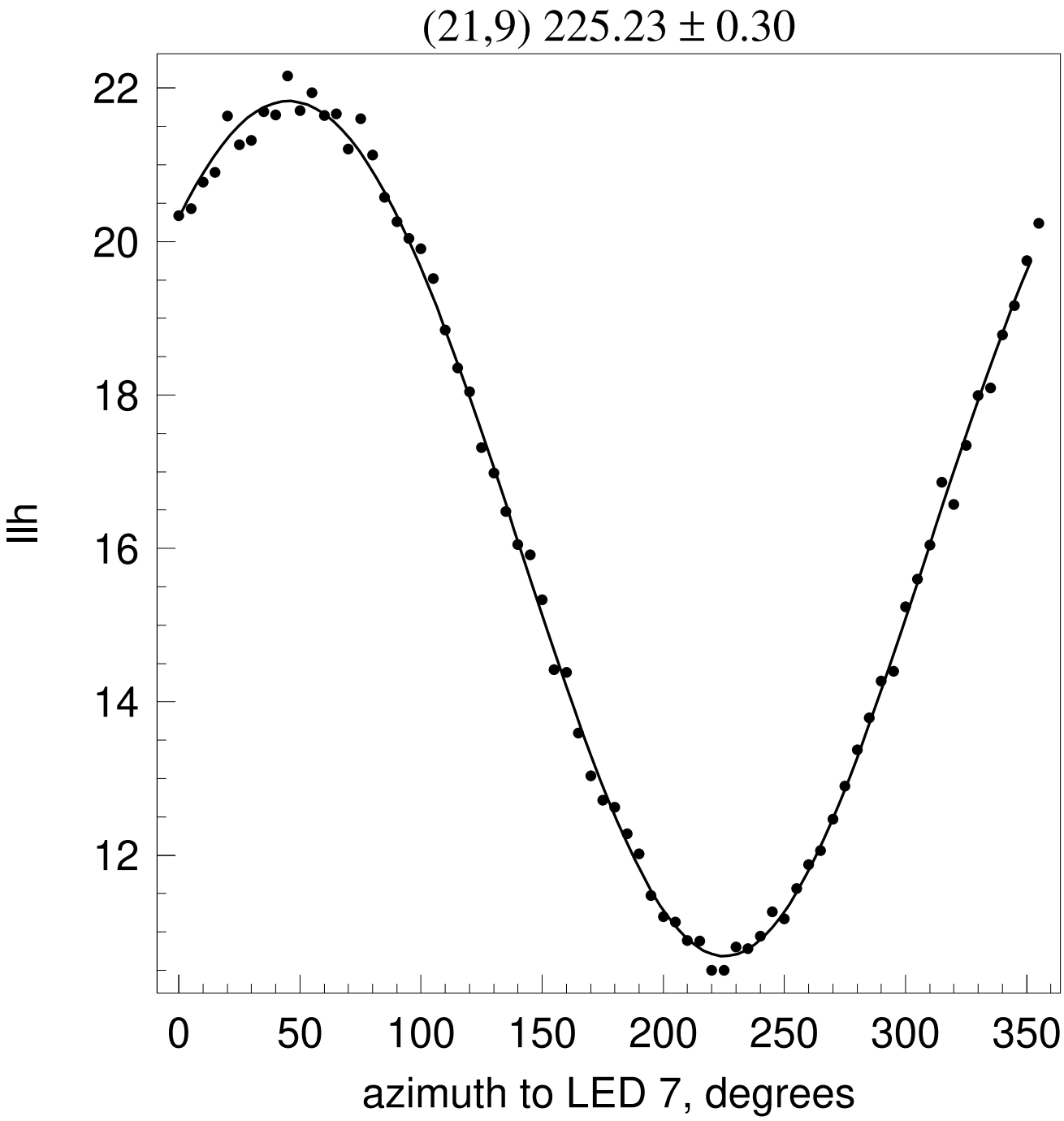

(21,4) 198.87 ± 0.12
55
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

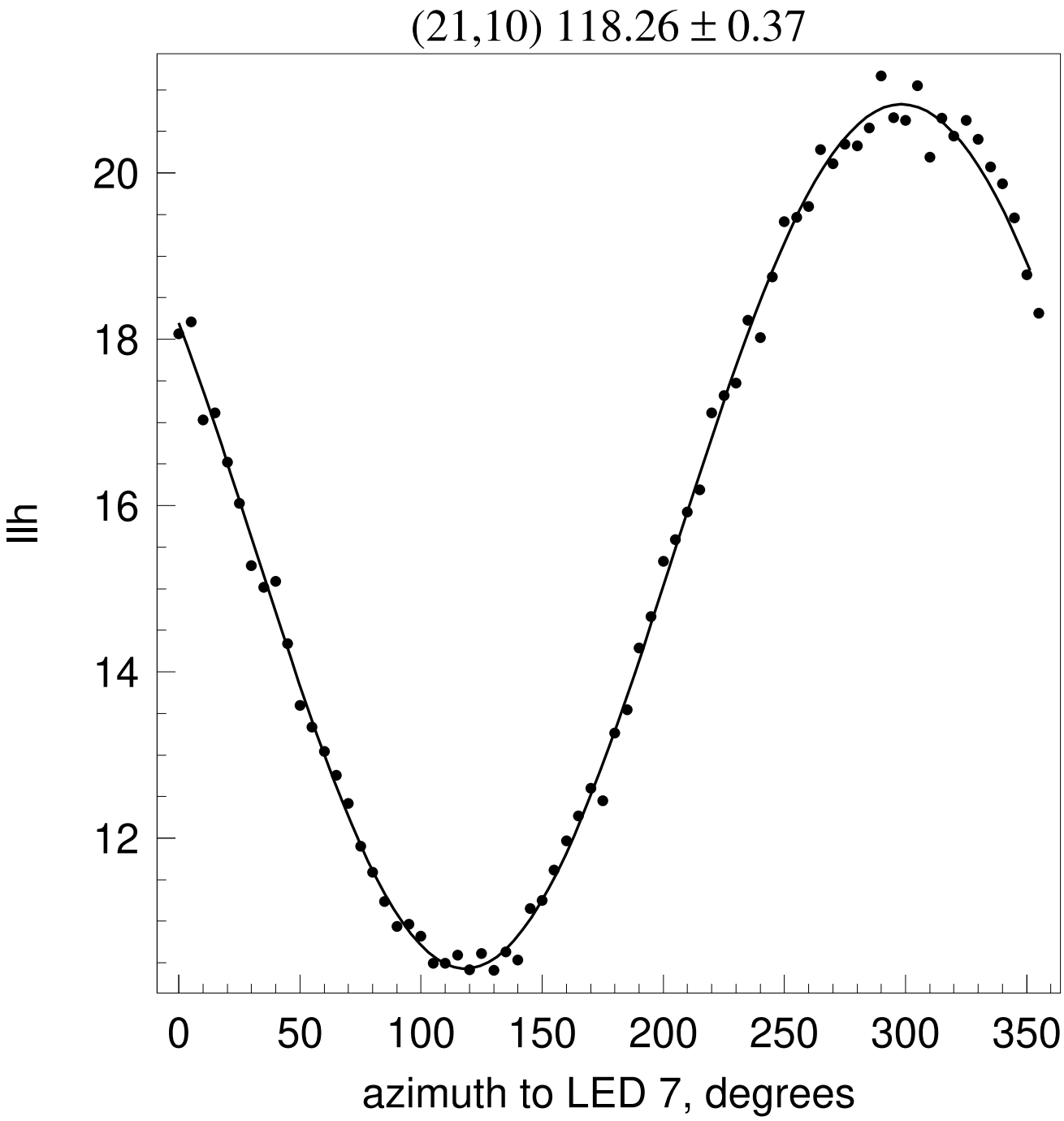

(21,5) 63.34 ± 0.11
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

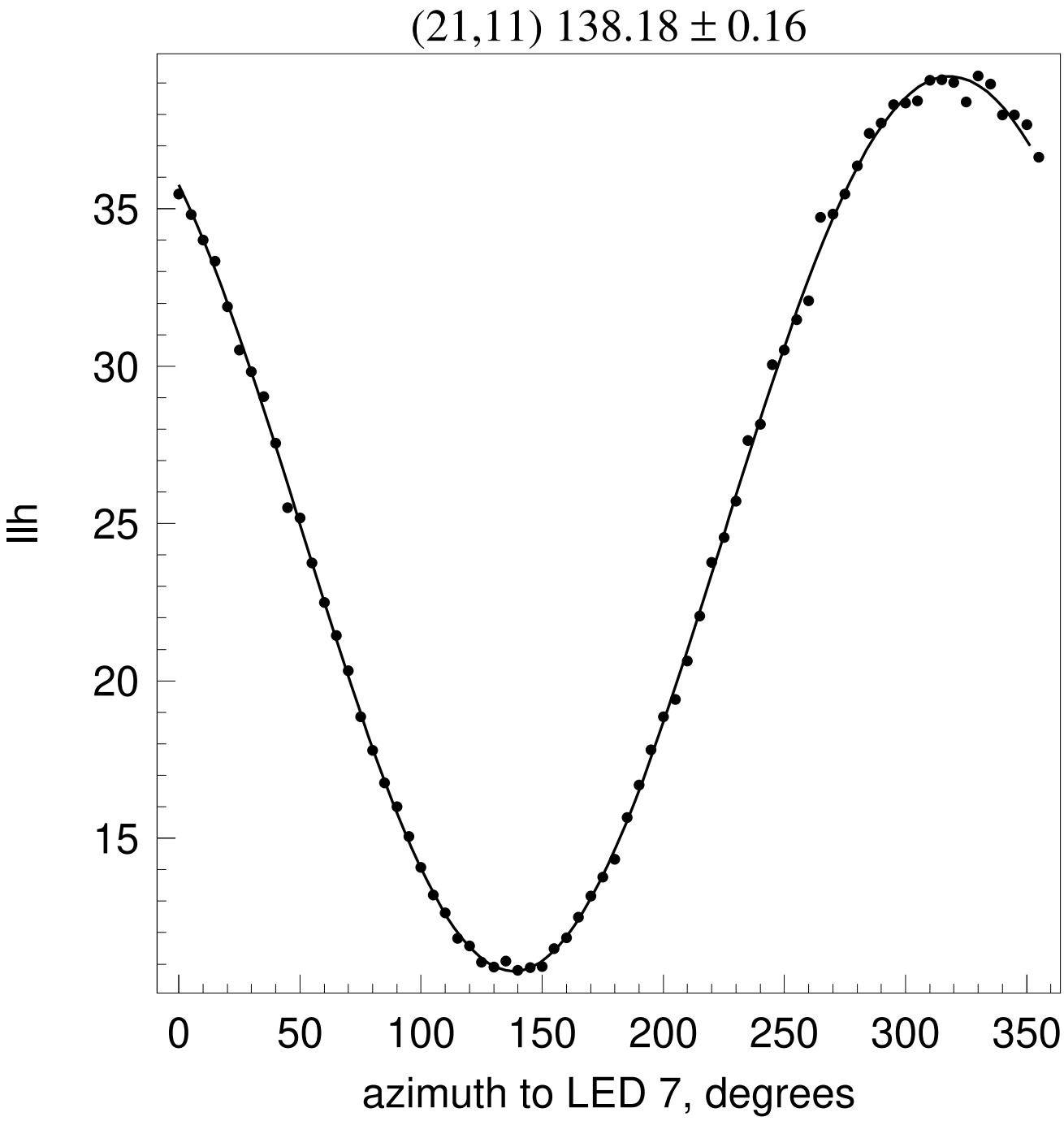

(21,6) 179.52 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

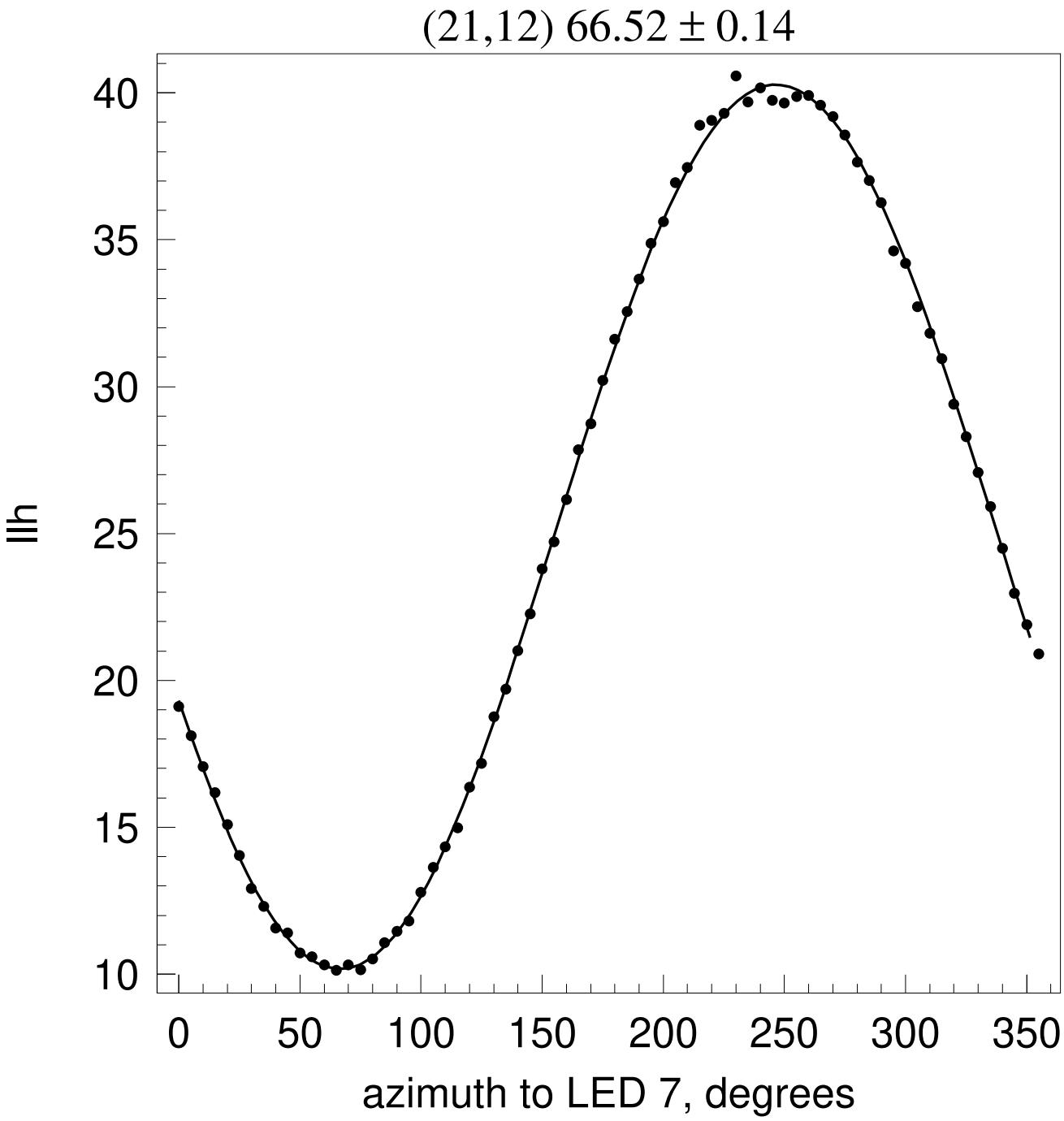

(21,7) 48.03 ± 0.16
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

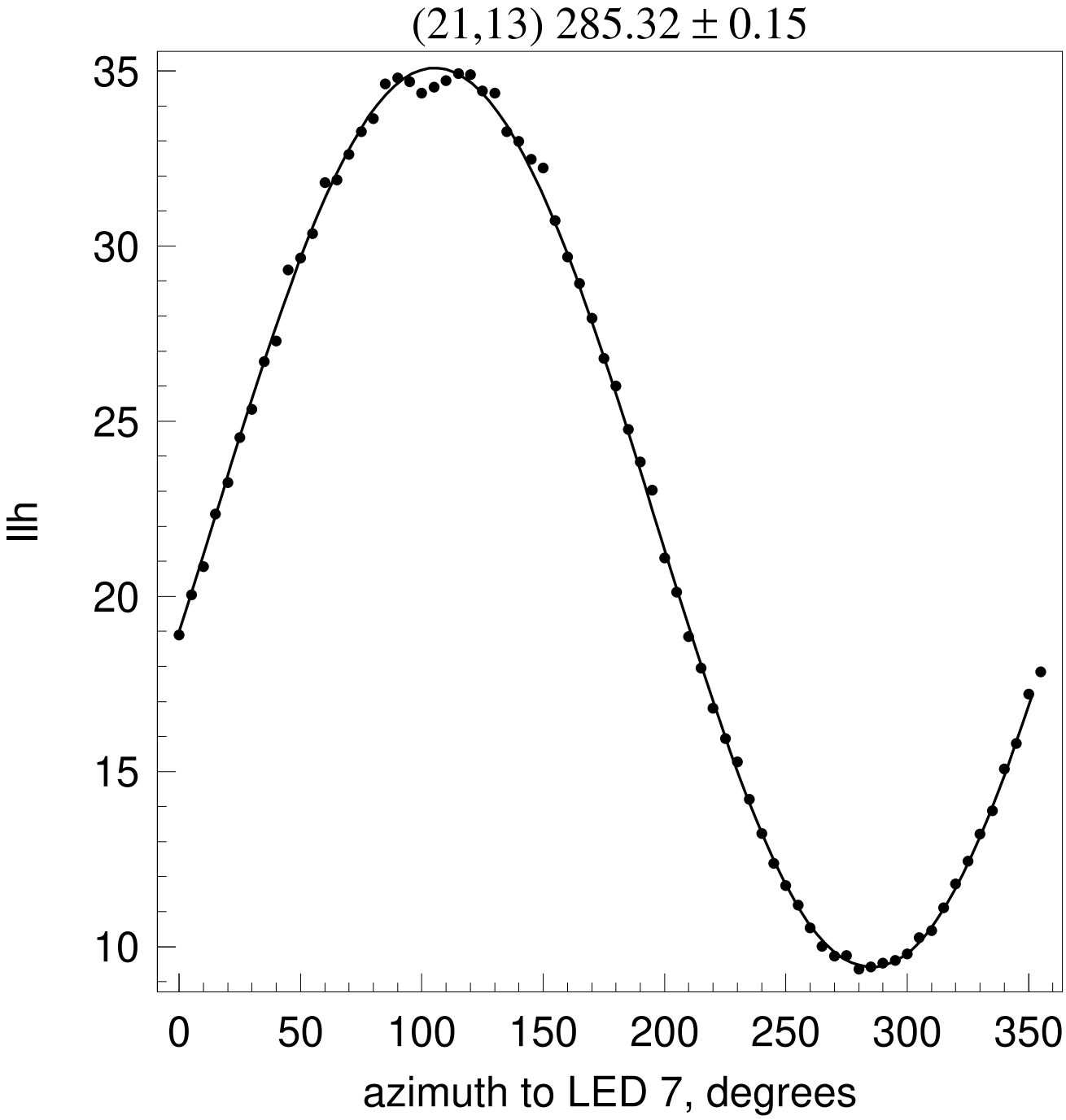

(21,8) 25.56 ± 0.36
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

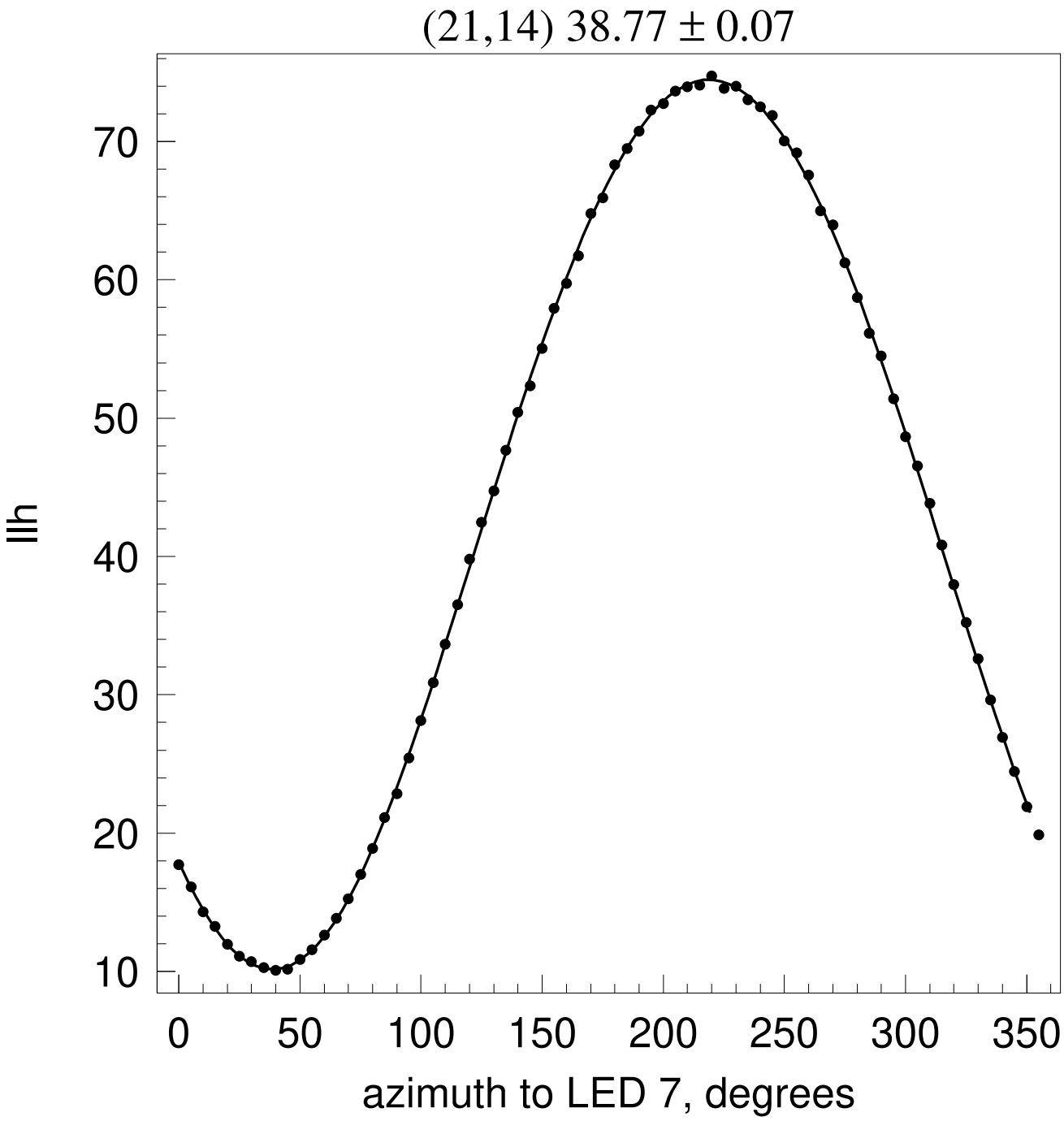

(21,9) 225.23 ± 0.30
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

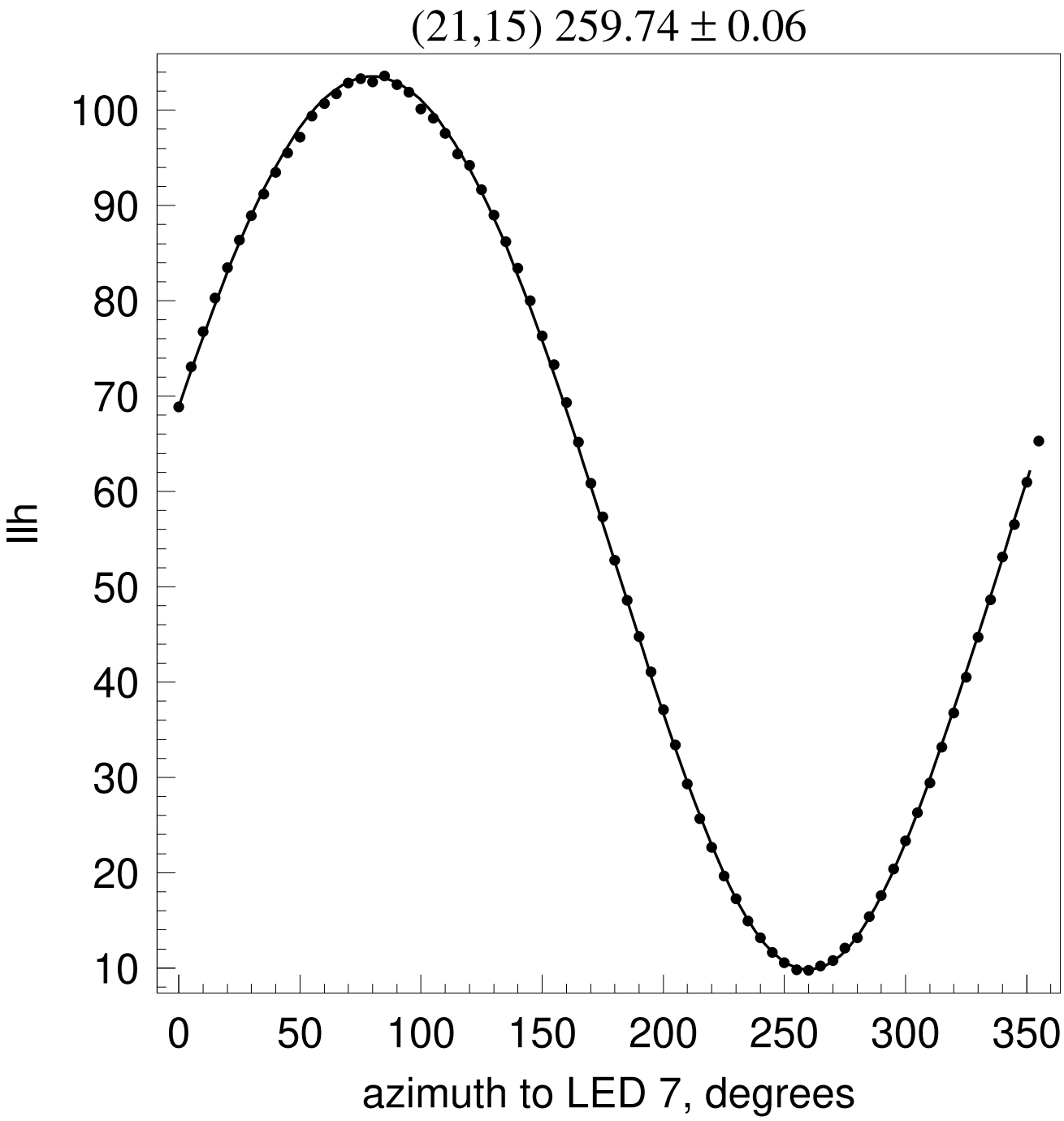

(21,10) 118.26 ± 0.37
20
18
16
14
12
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

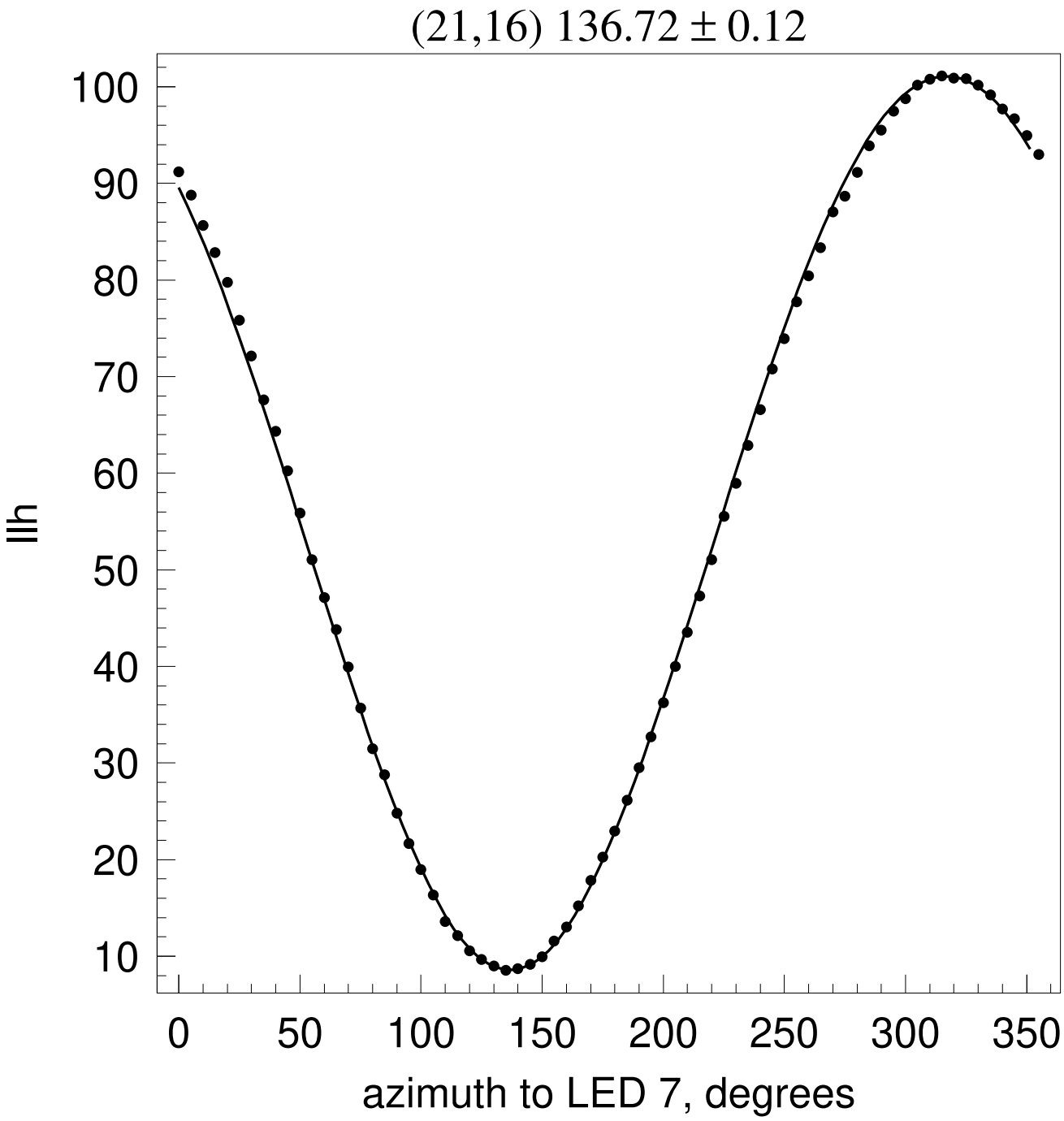

(21,11) 138.18 ± 0.16
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

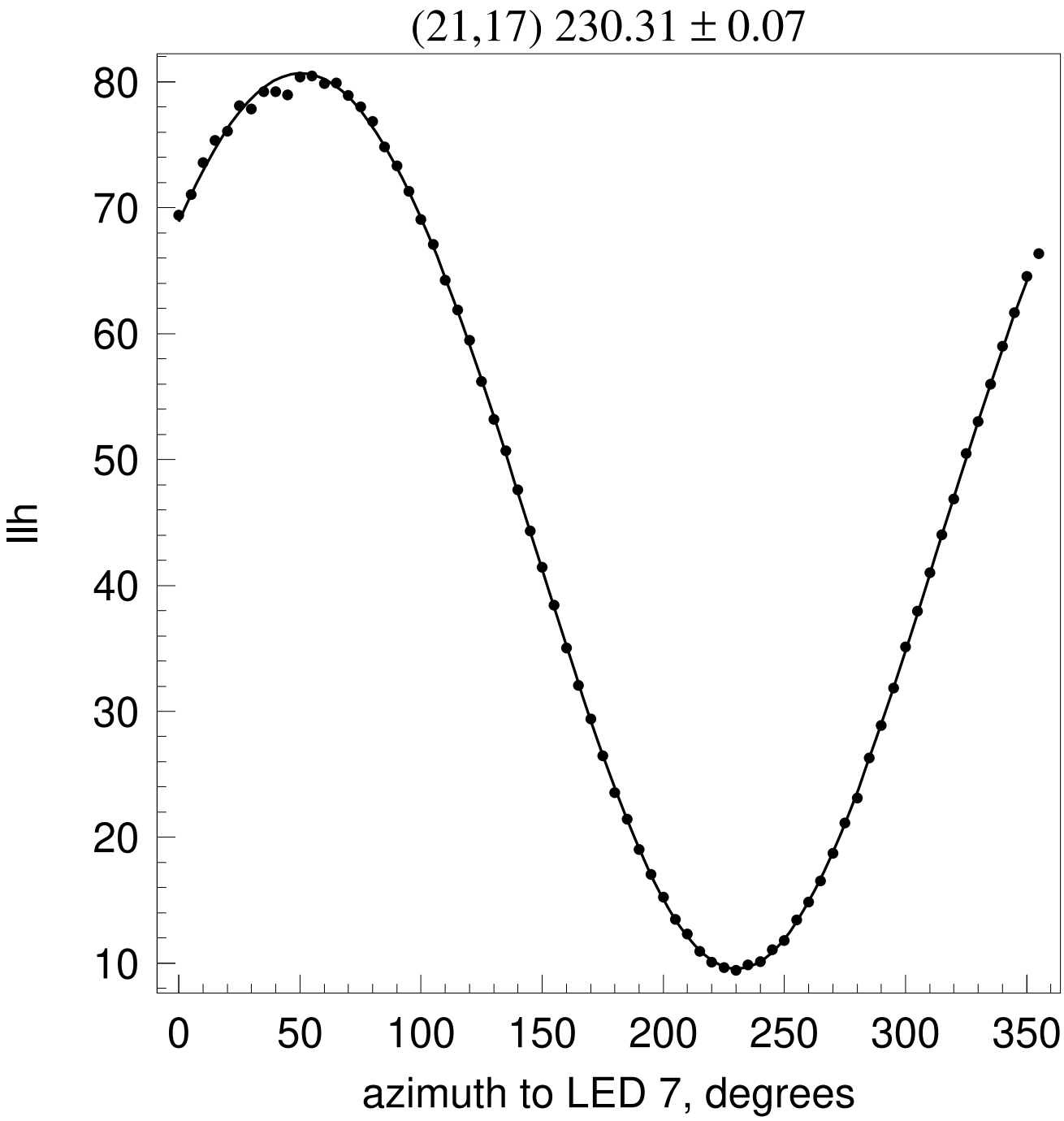

(21,12) 66.52 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

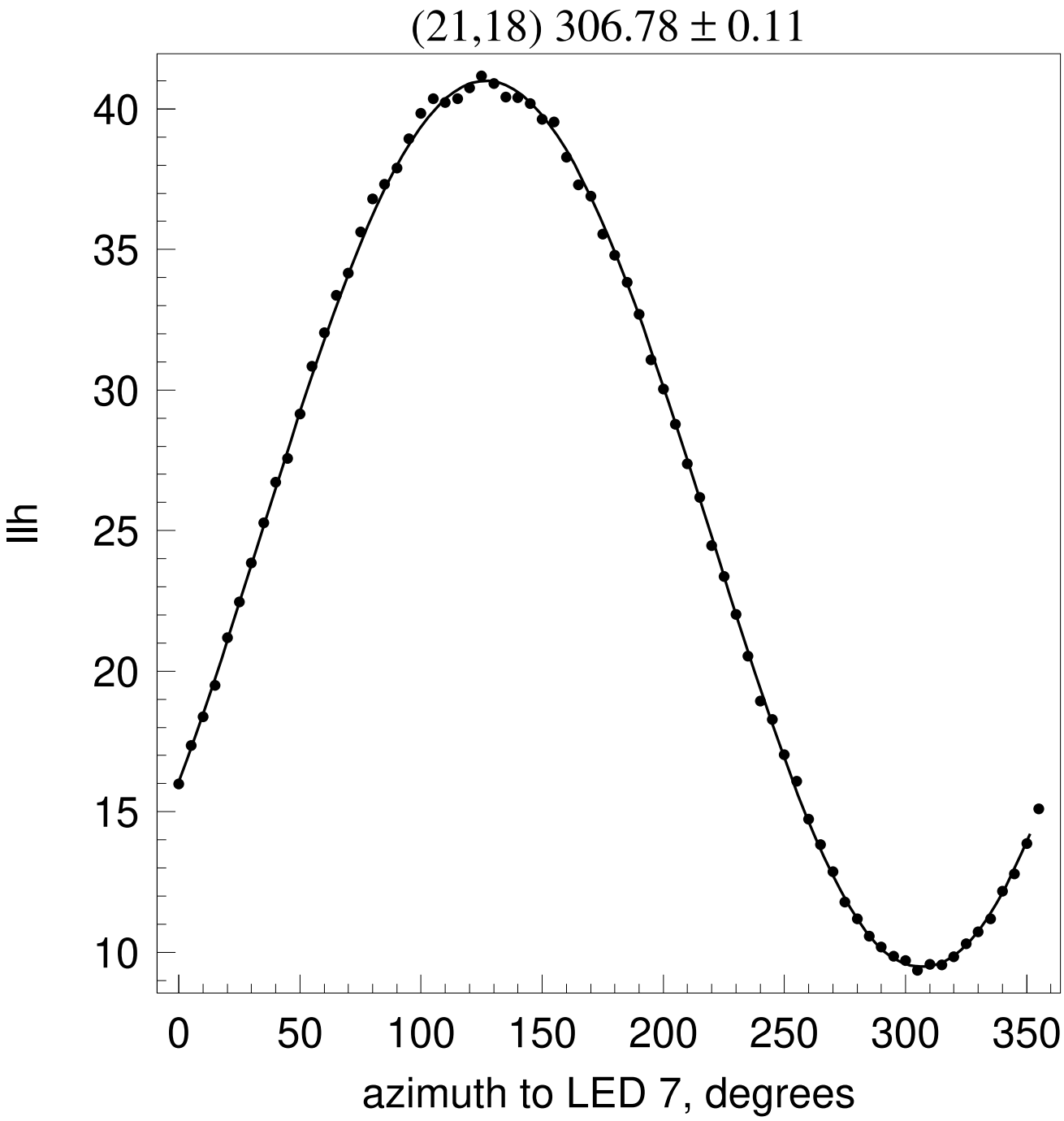

(21,13) 285.32 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

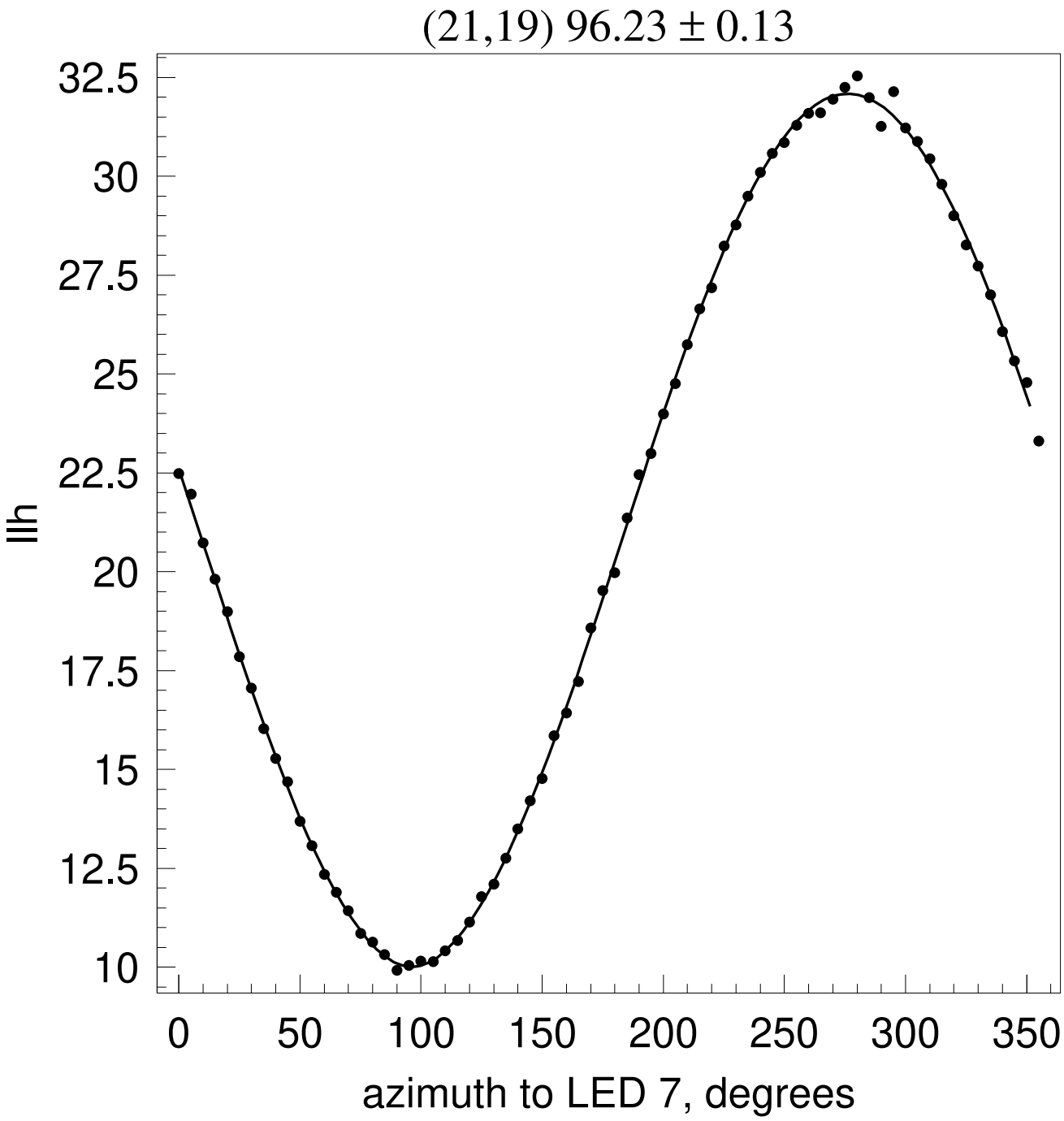

(21,14) 38.77 ± 0.07
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

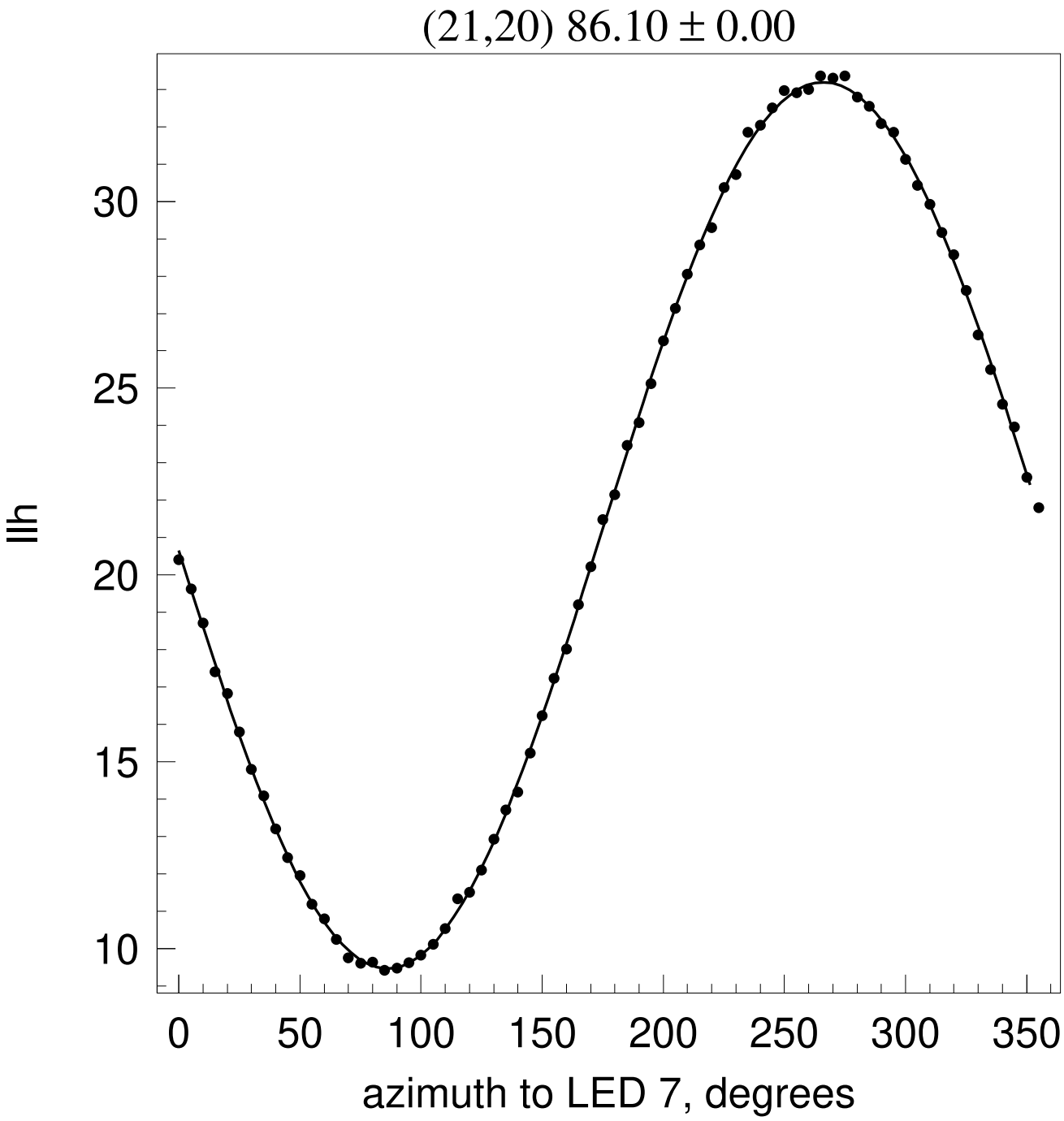

(21,15) 259.74 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

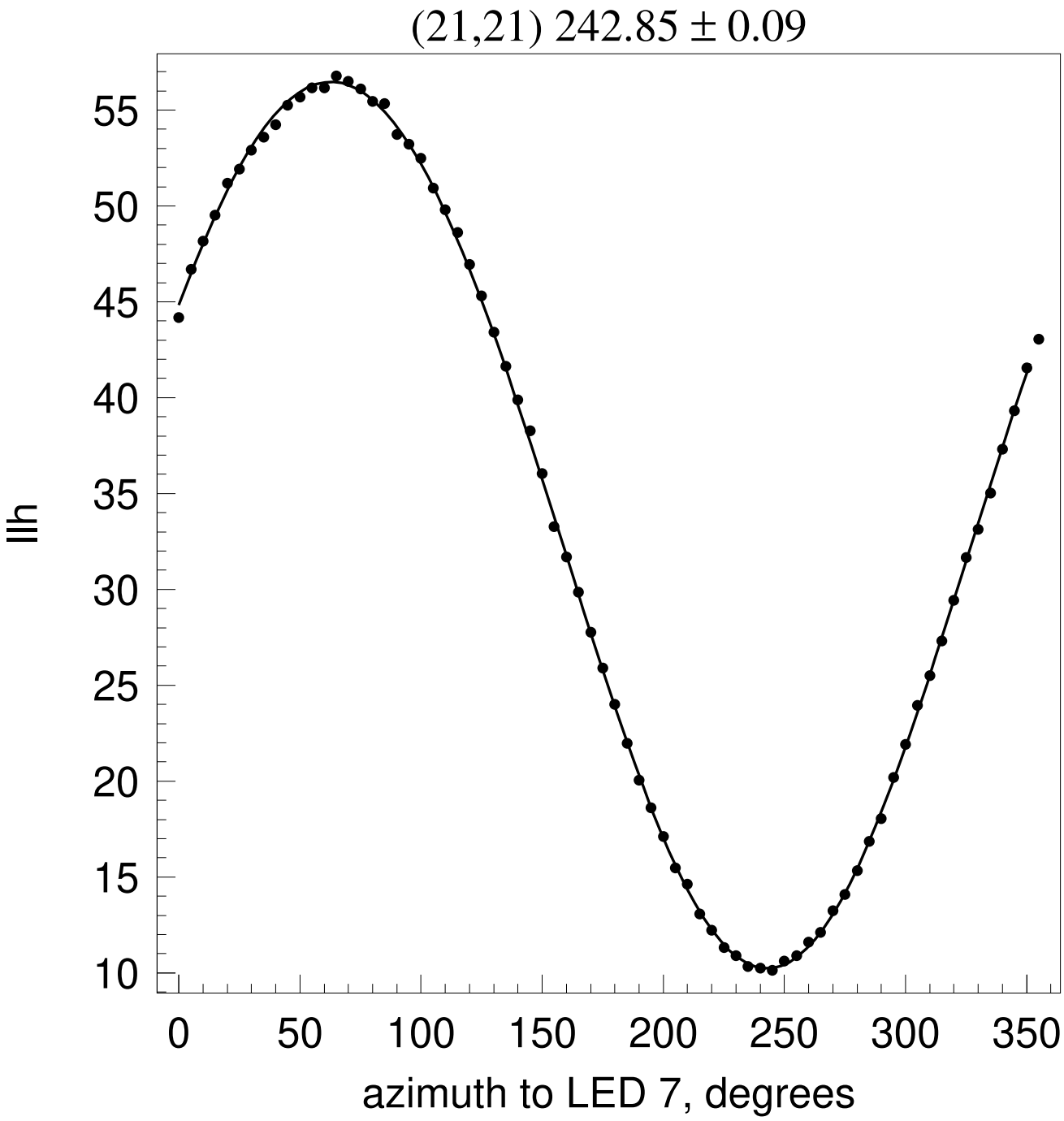

(21,16) 136.72 ± 0.12
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

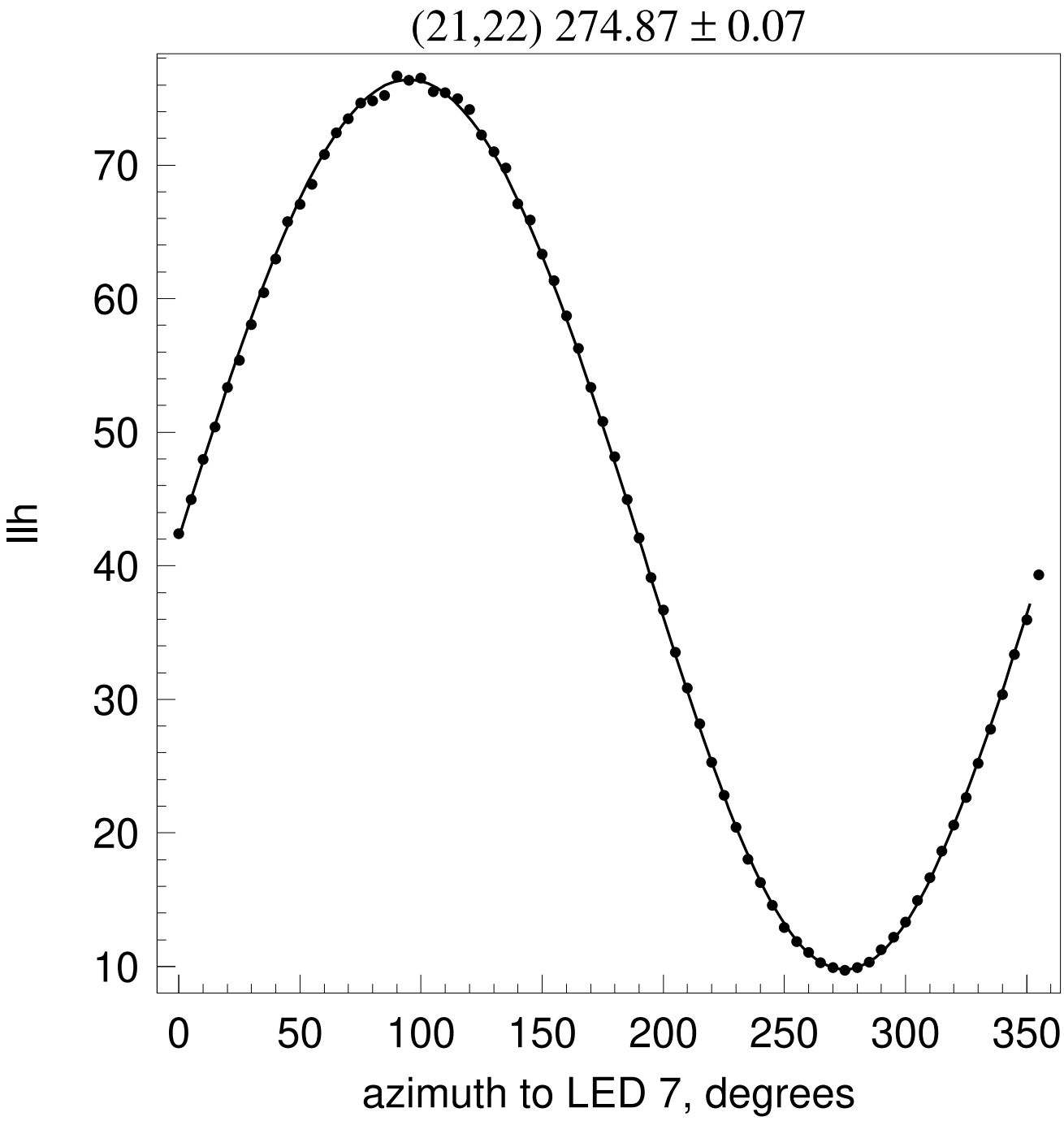

(21,17) 230.31 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

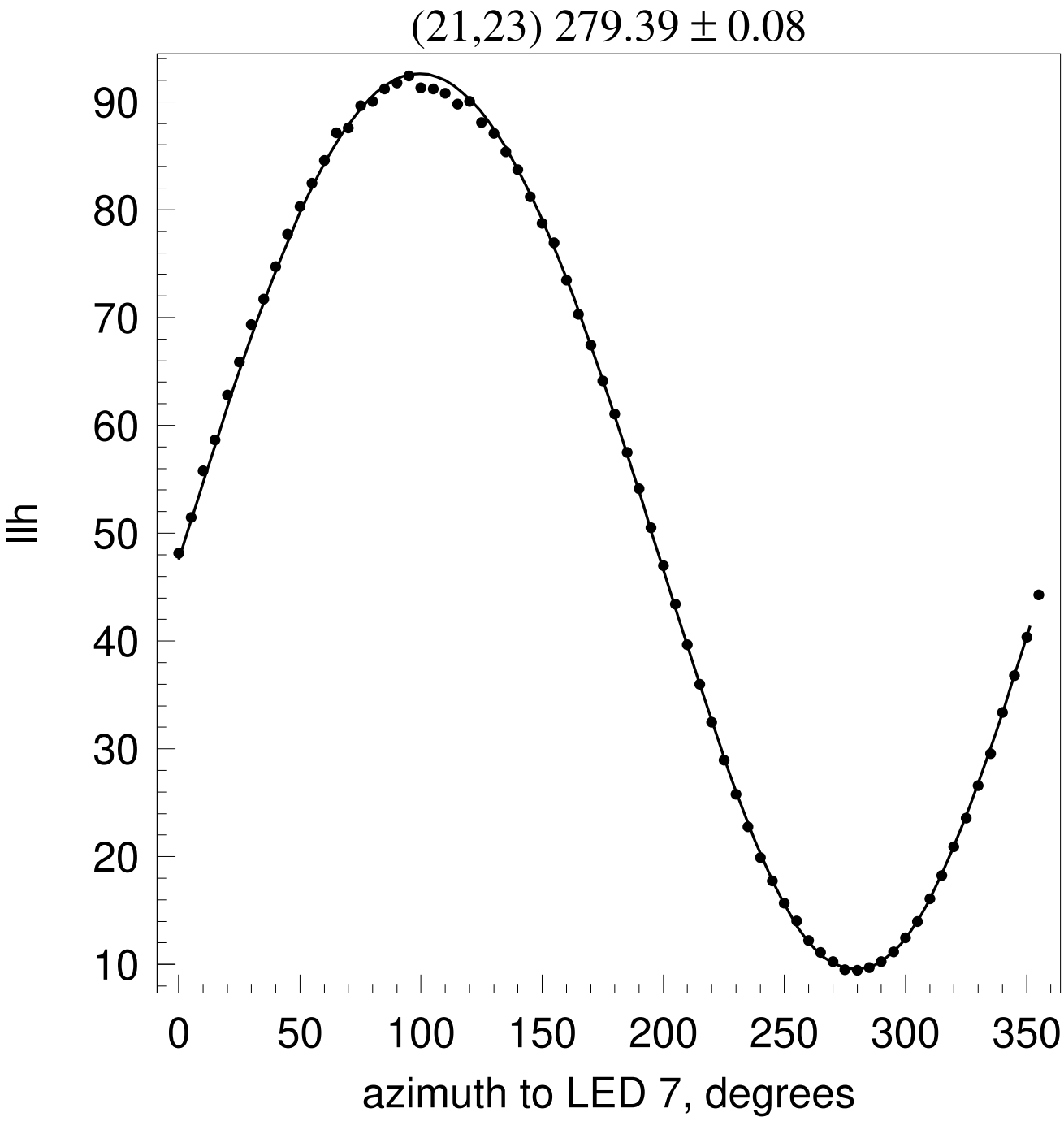

(21,18) 306.78 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

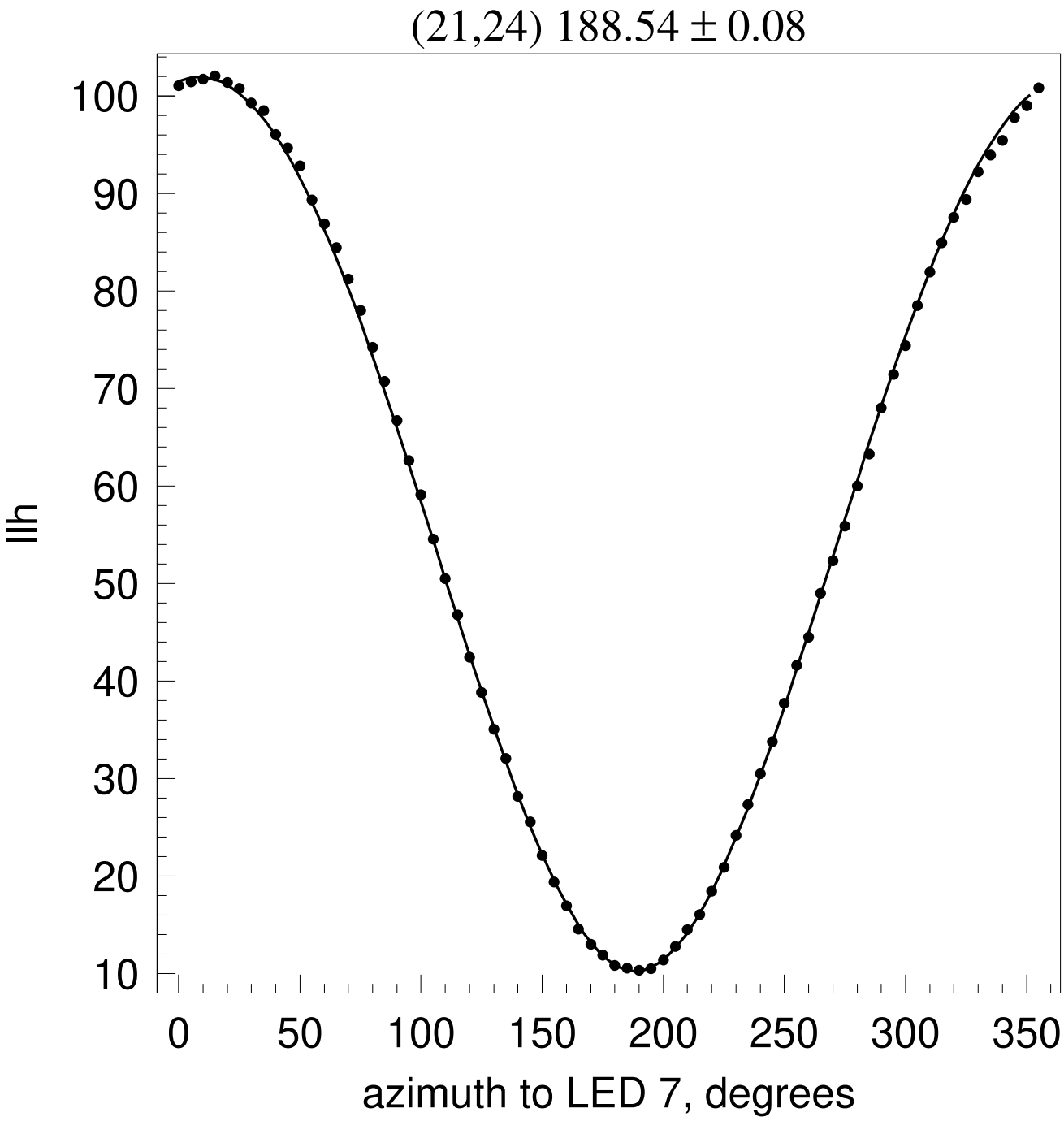

(21,19) 96.23 ± 0.13
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

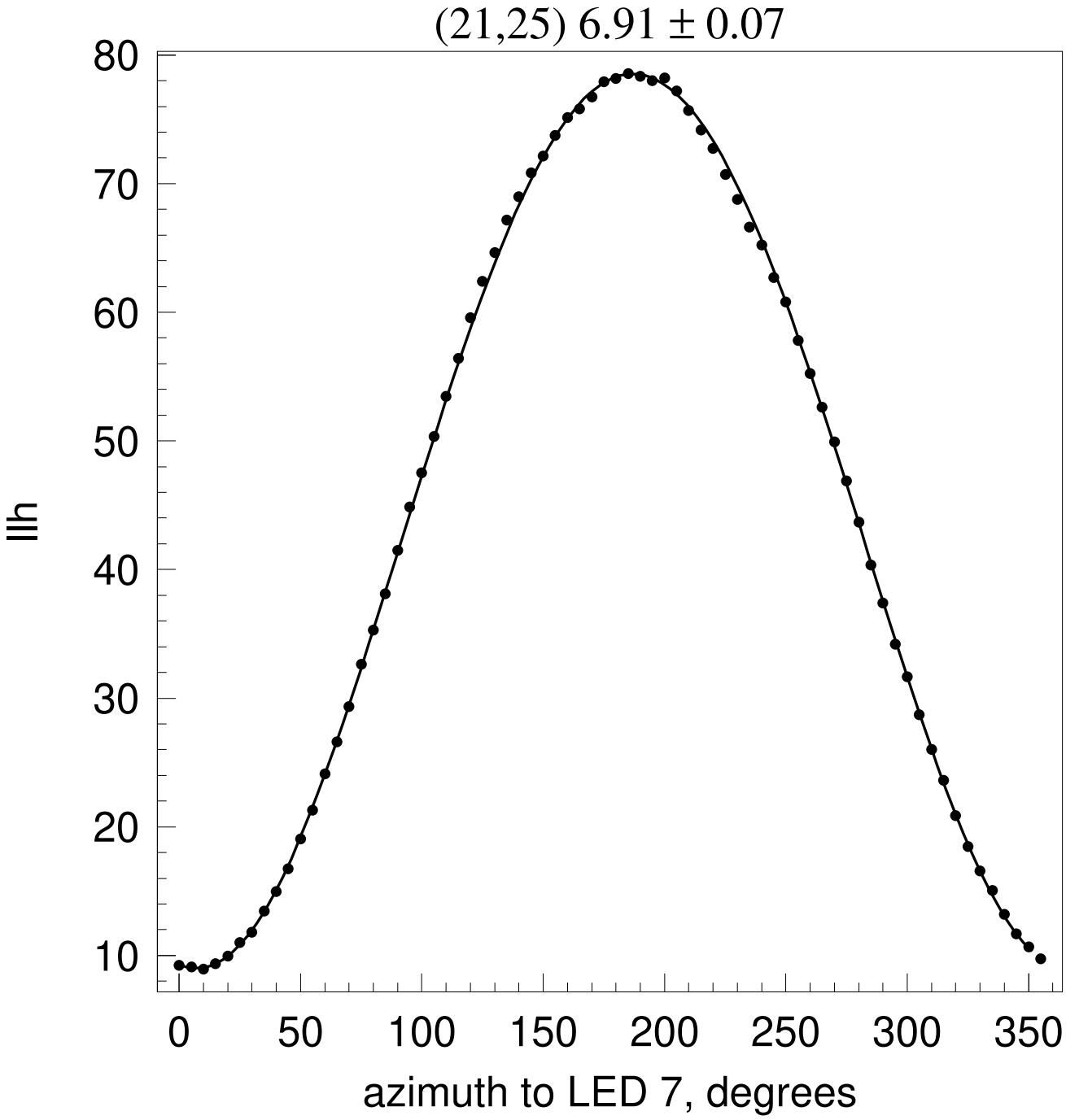

(21,20) 86.10 ± 0.00
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

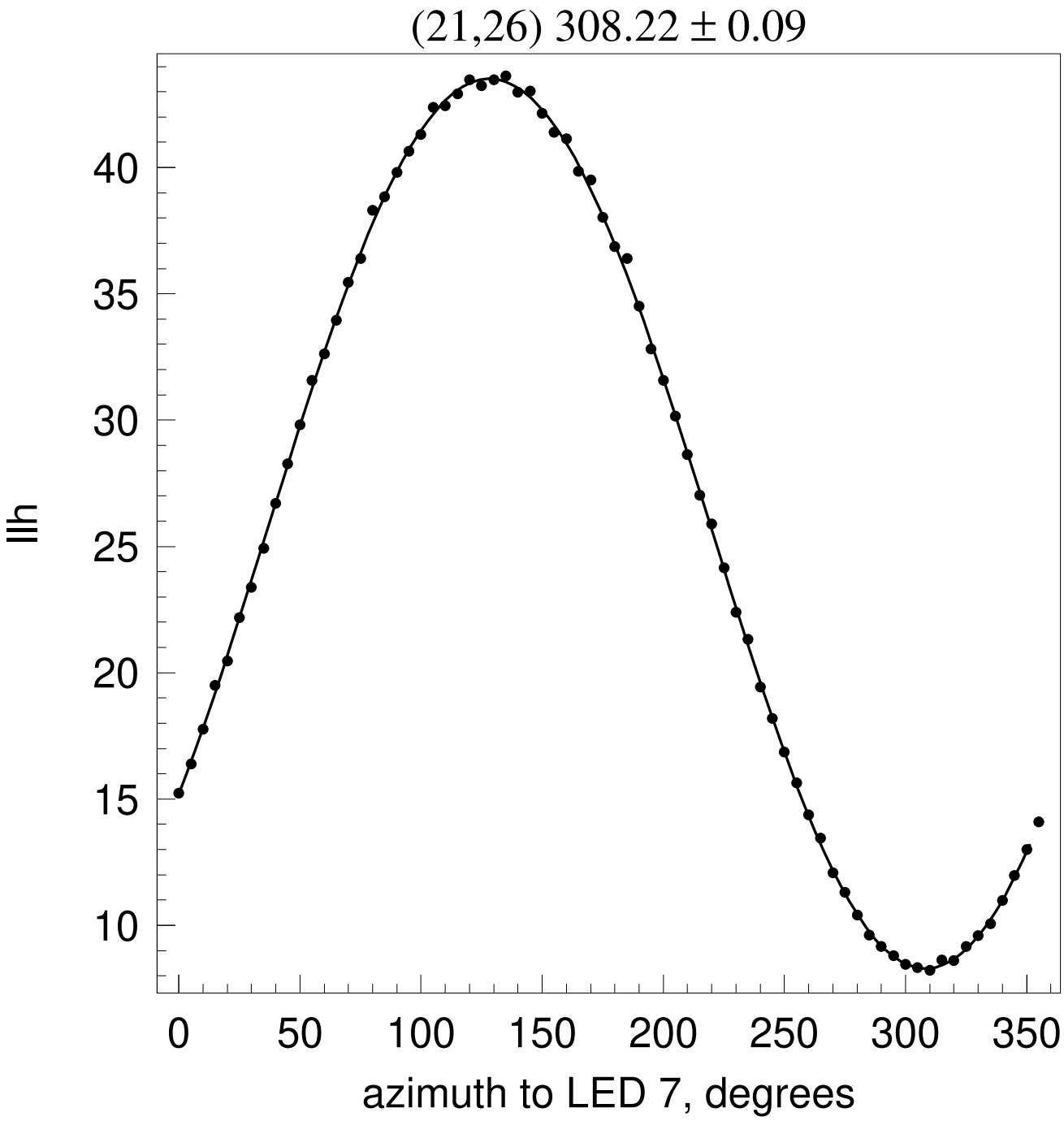

(21,21) 242.85 ± 0.09
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

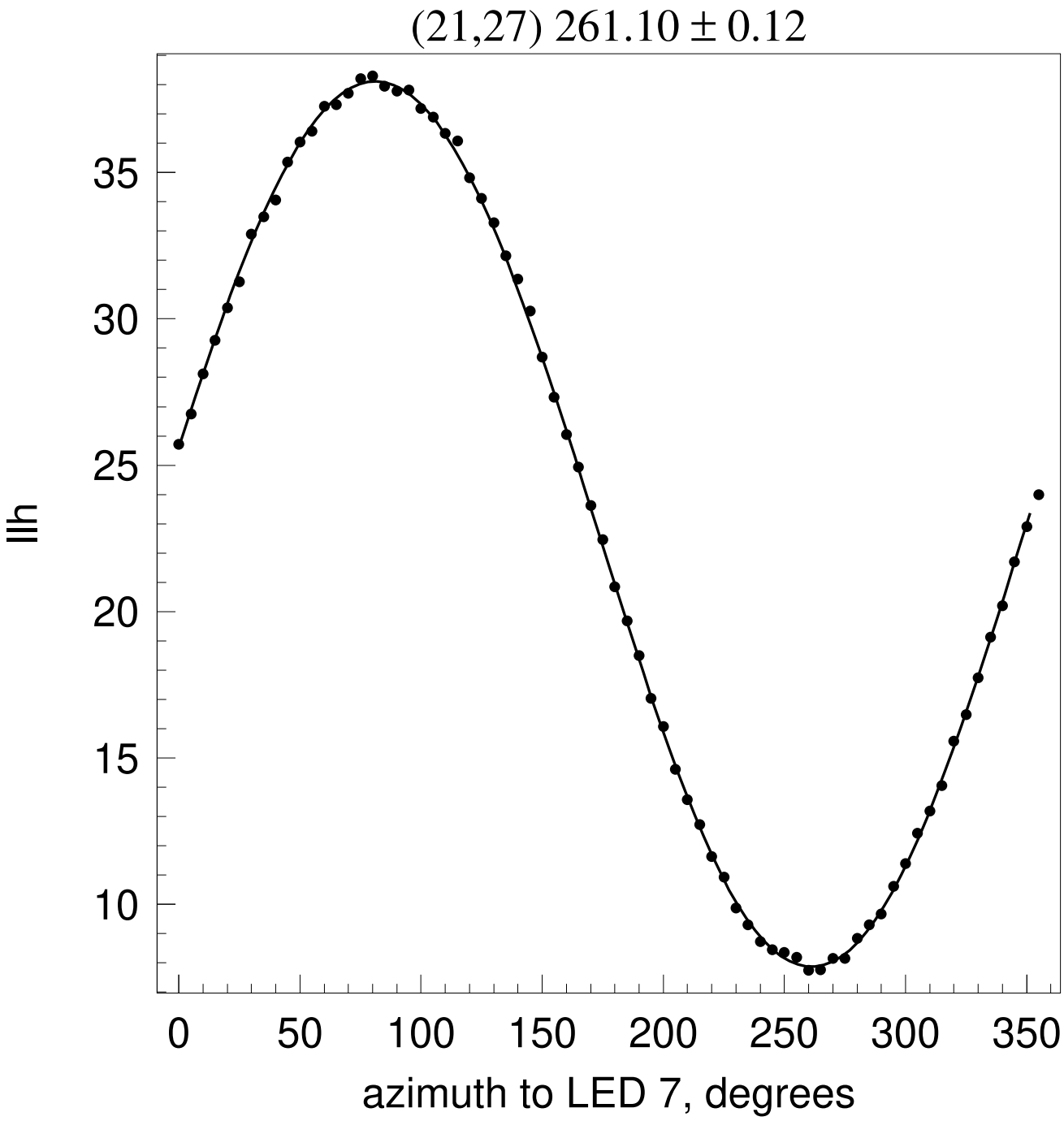

(21,22) 274.87 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

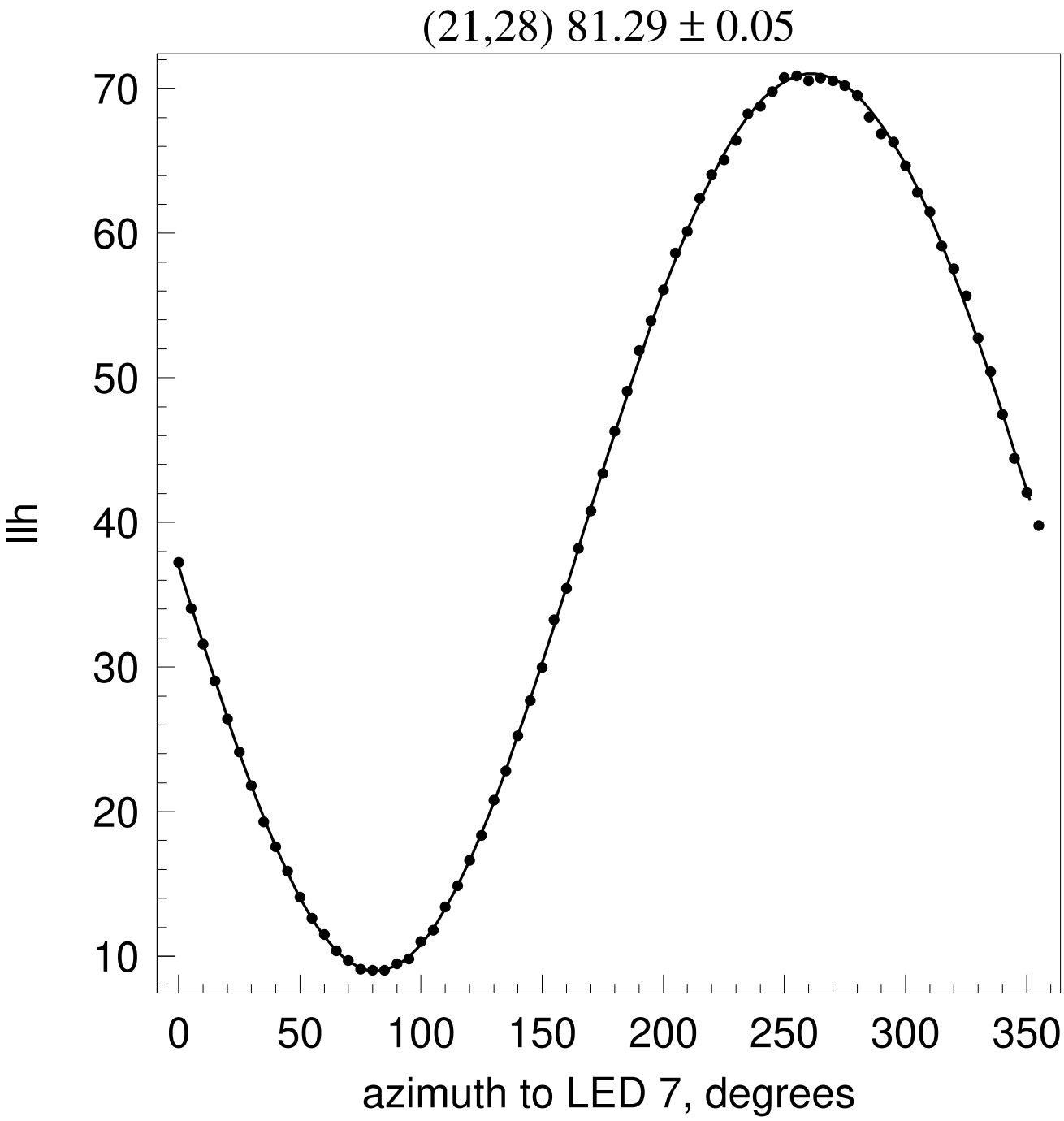

(21,23) 279.39 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

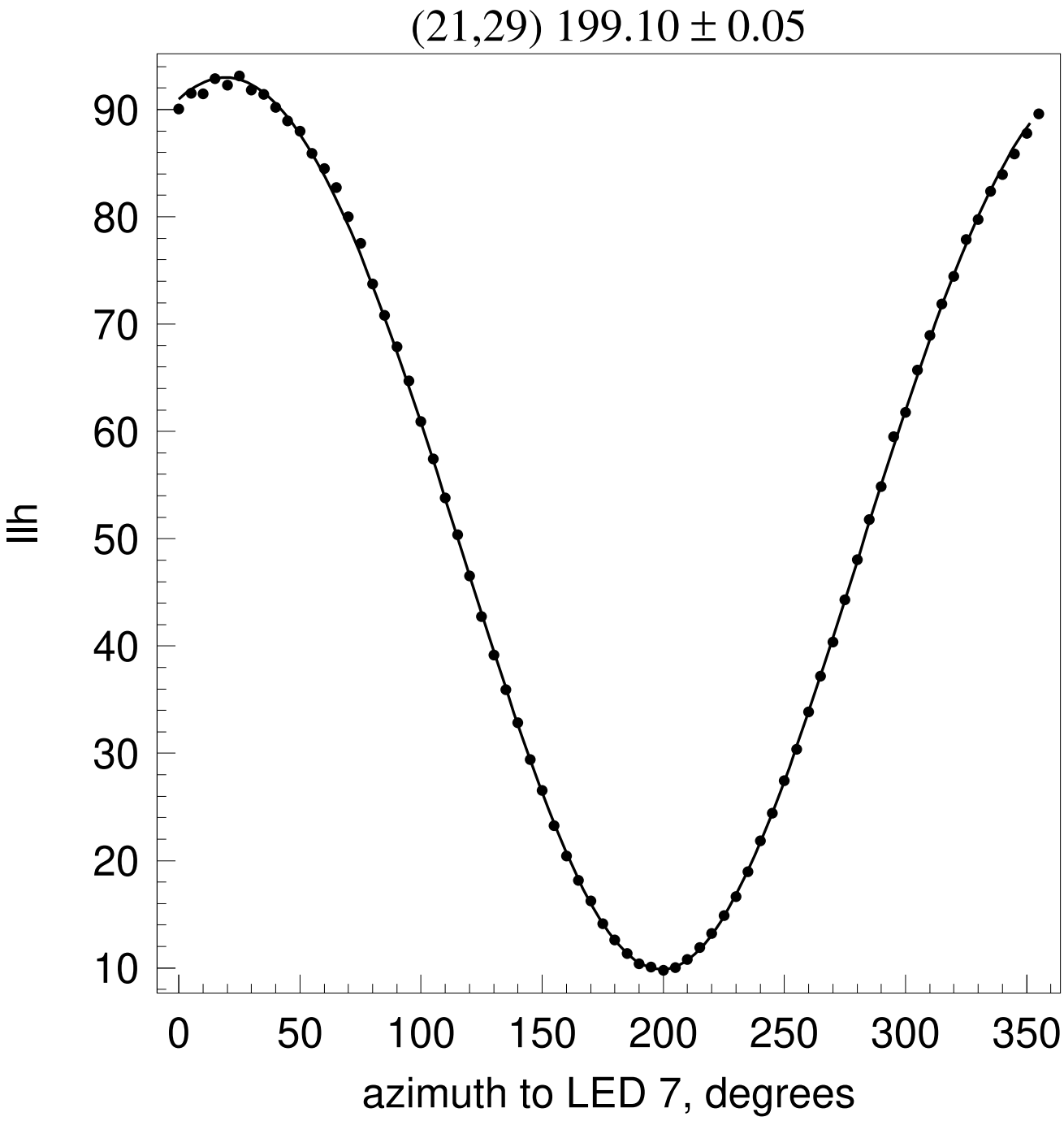

(21,24) 188.54 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

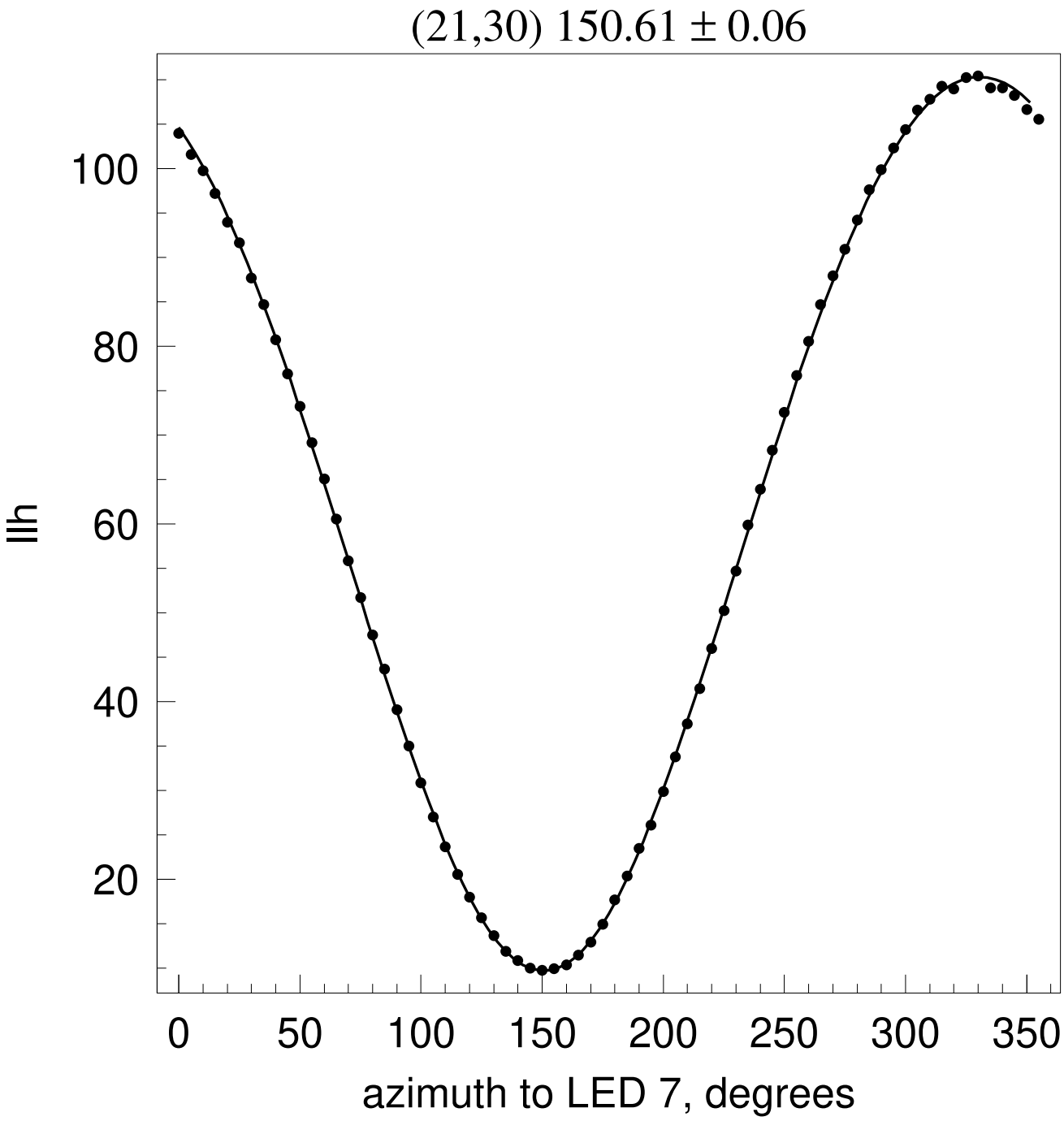

(21,25) 6.91 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

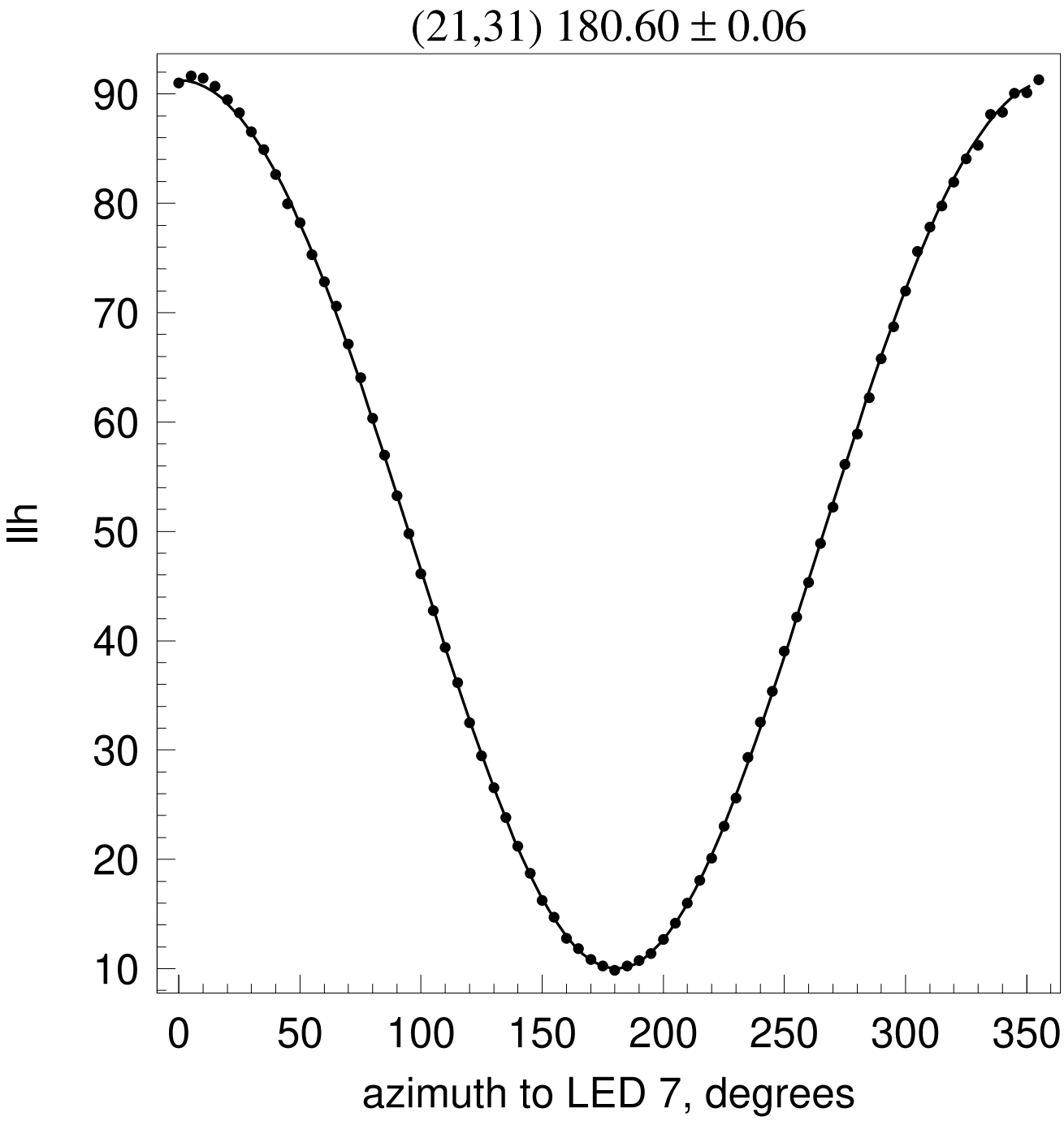

(21,26) 308.22 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

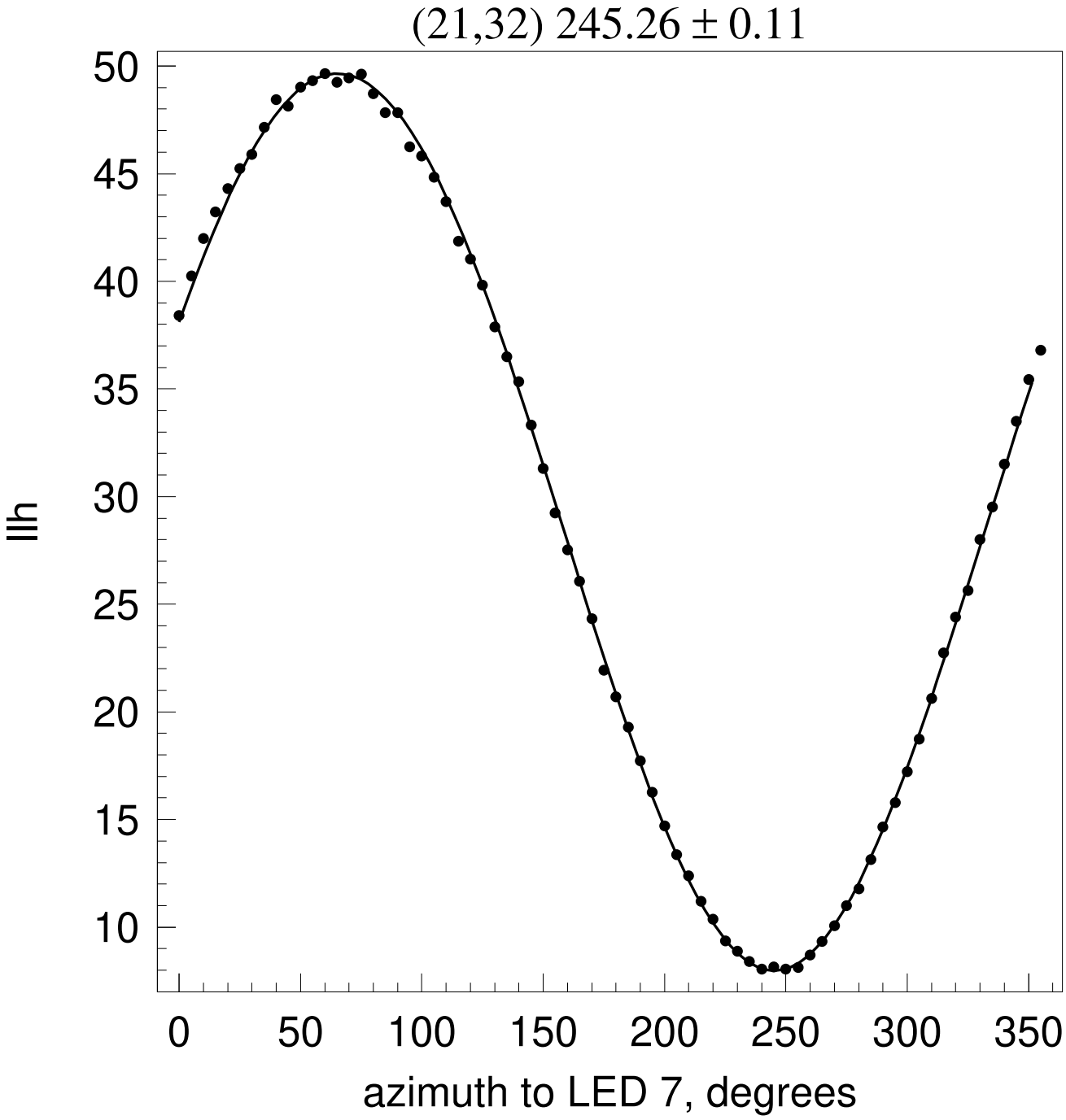

(21,27) 261.10 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

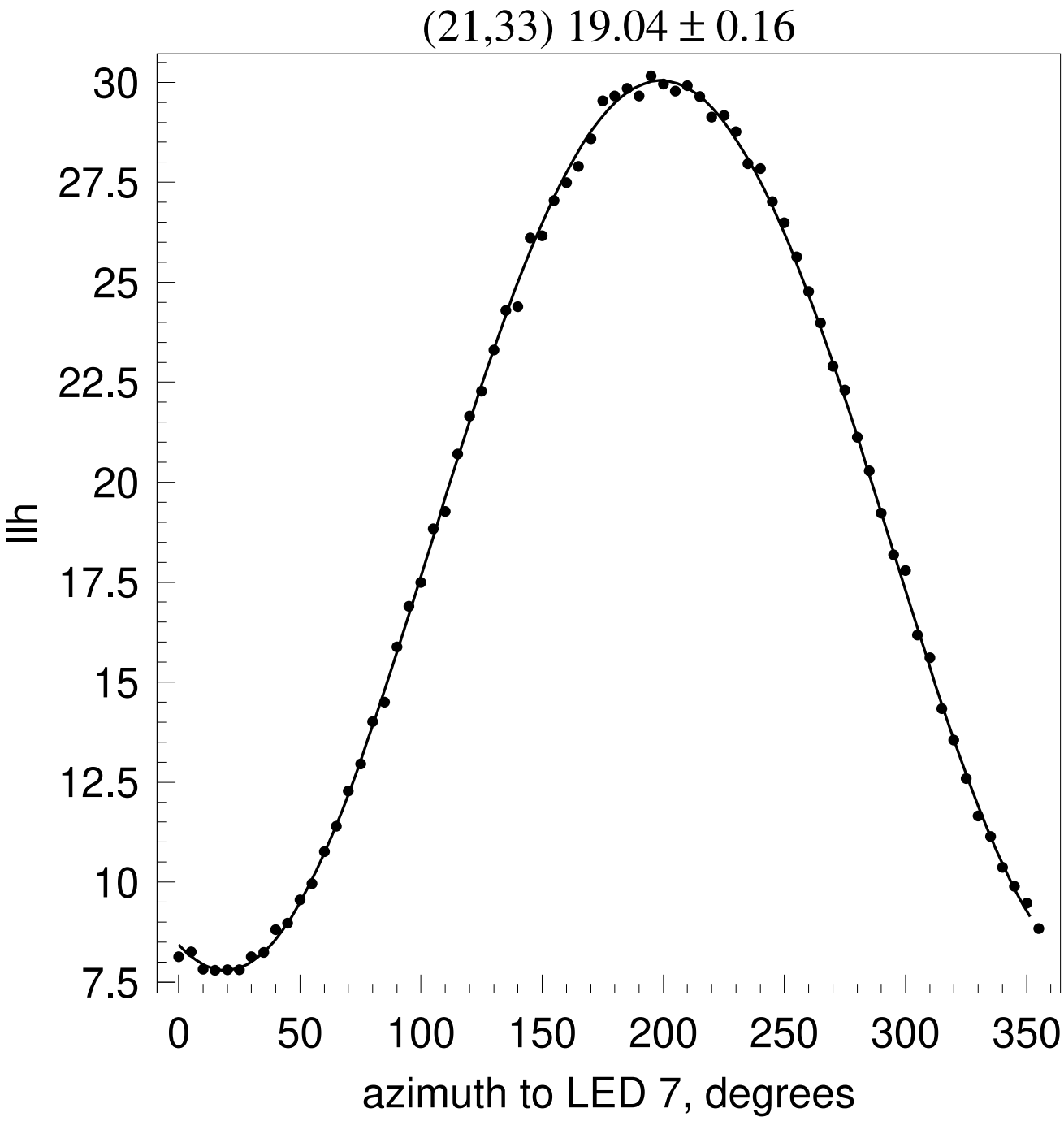

(21,28) 81.29 ± 0.05
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

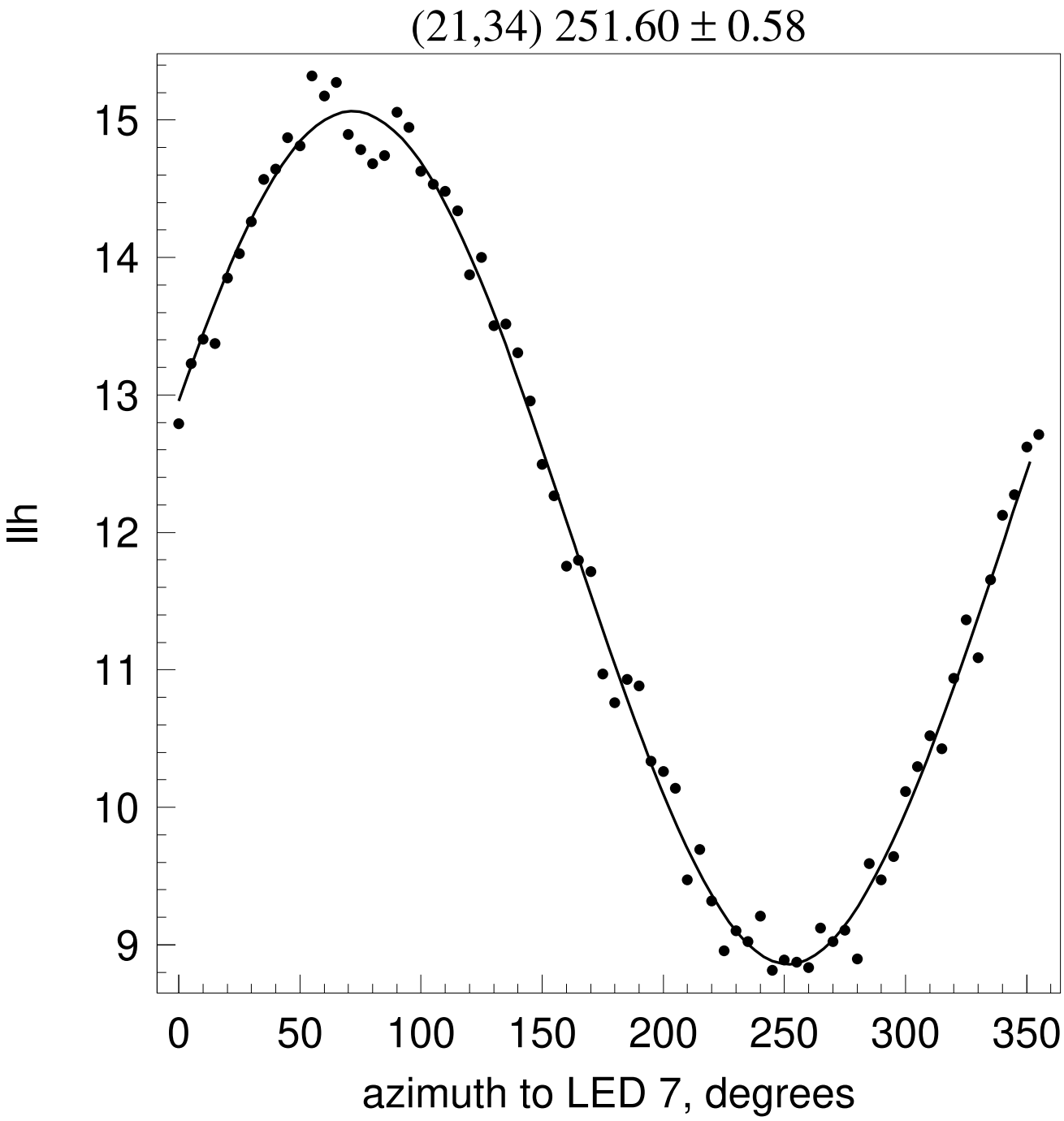

(21,29) 199.10 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

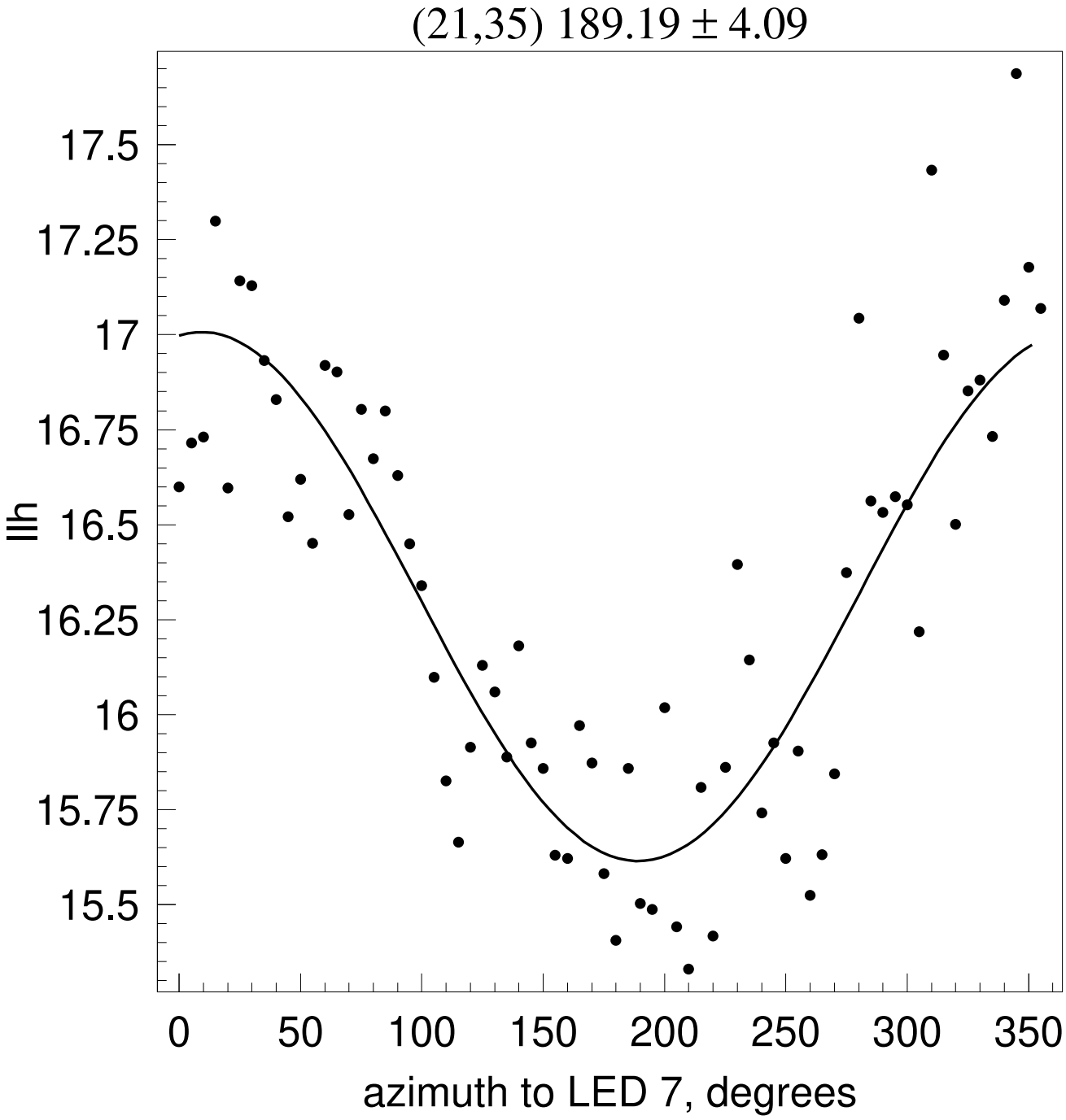

(21,30) 150.61 ± 0.06
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

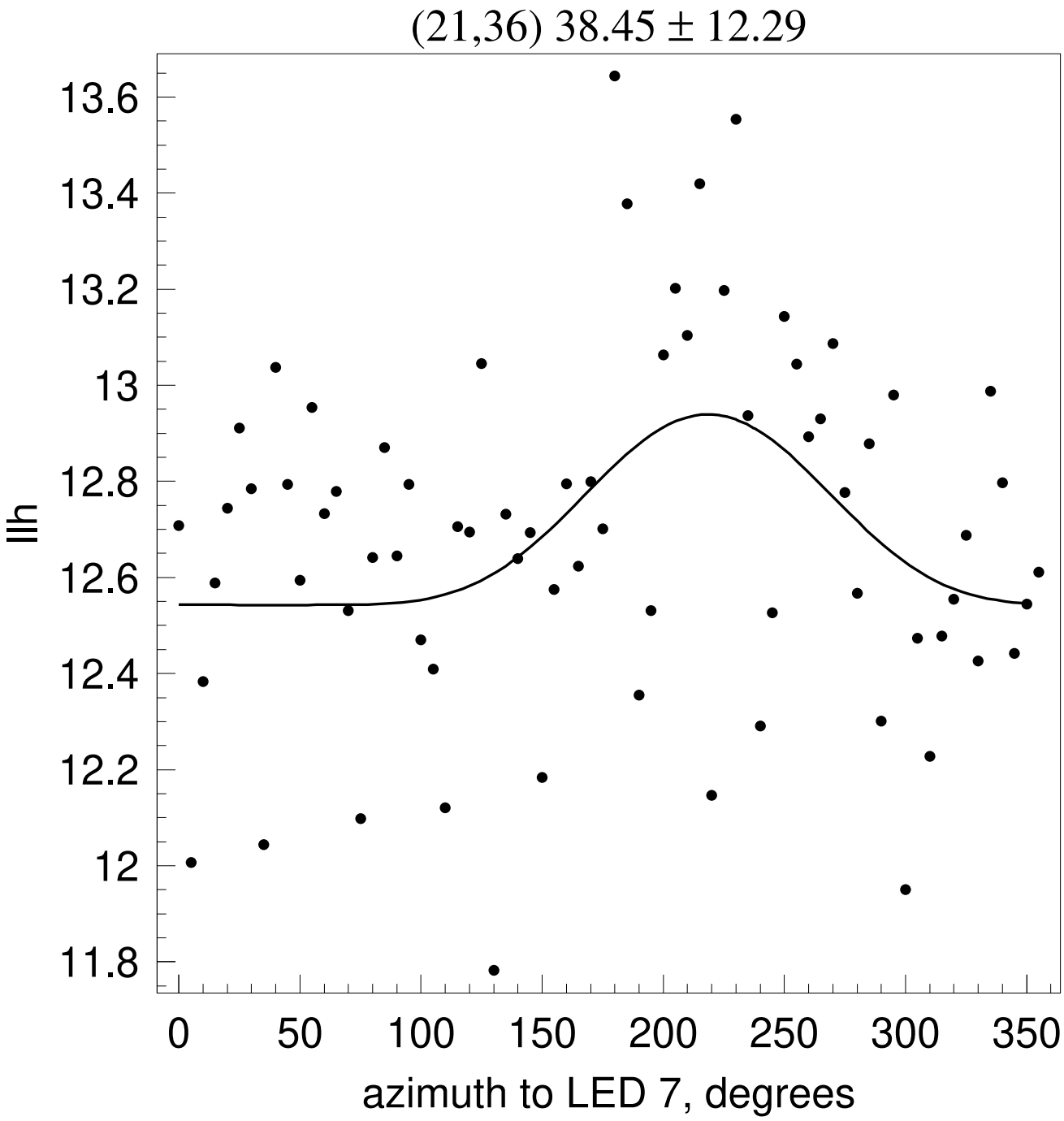

(21,31) 180.60 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

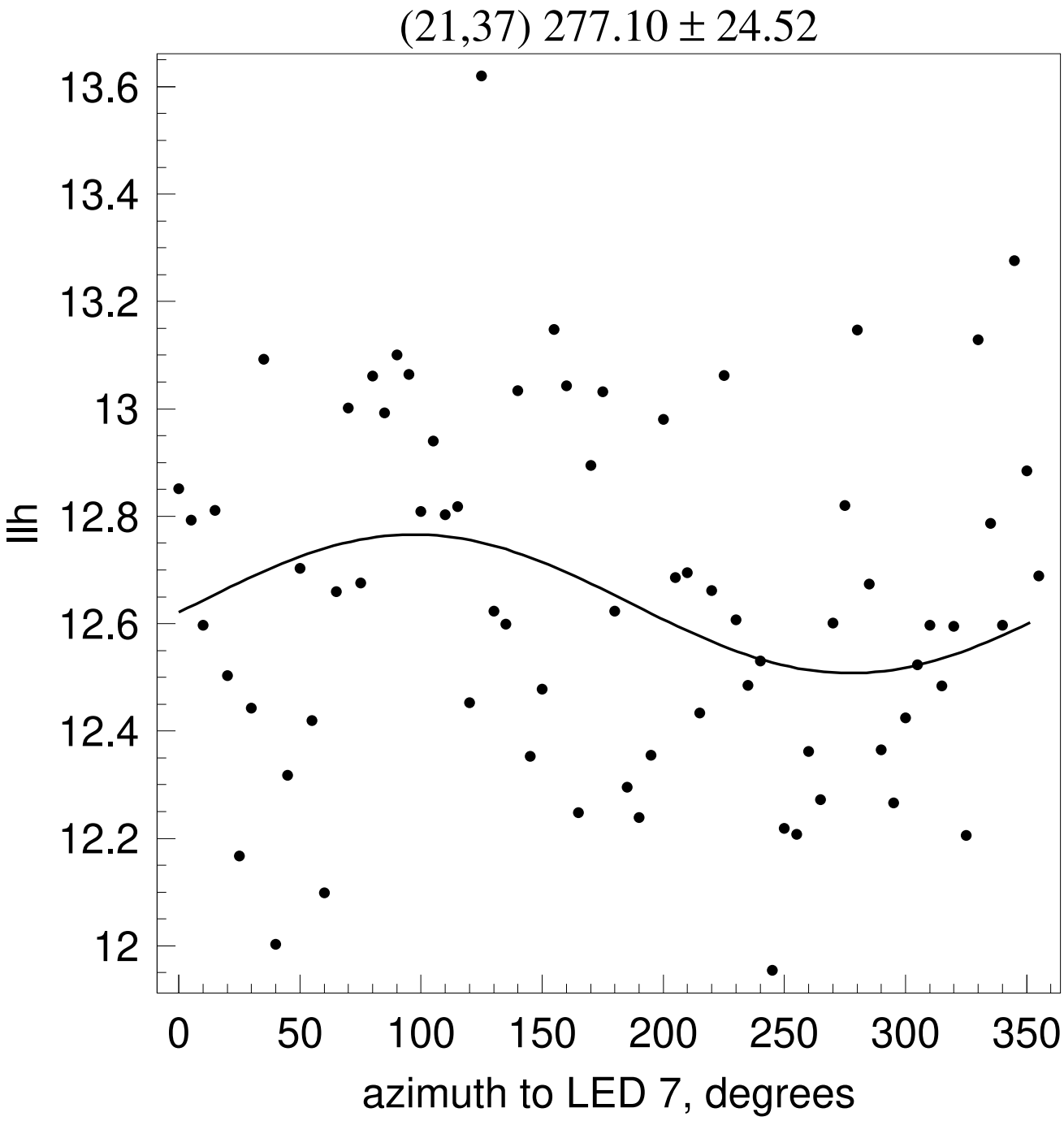

(21,32) 245.26 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

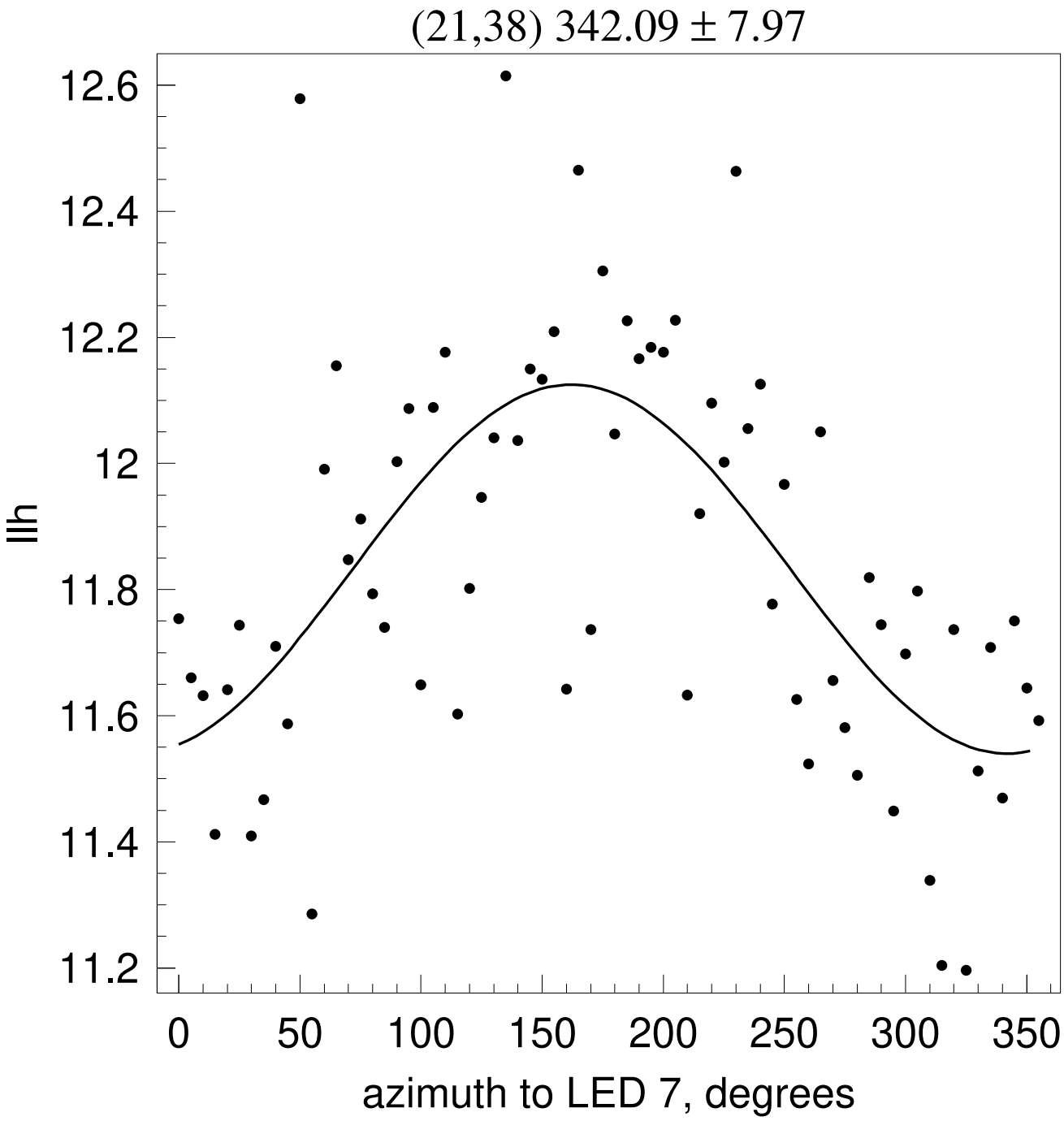

(21,33) 19.04 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

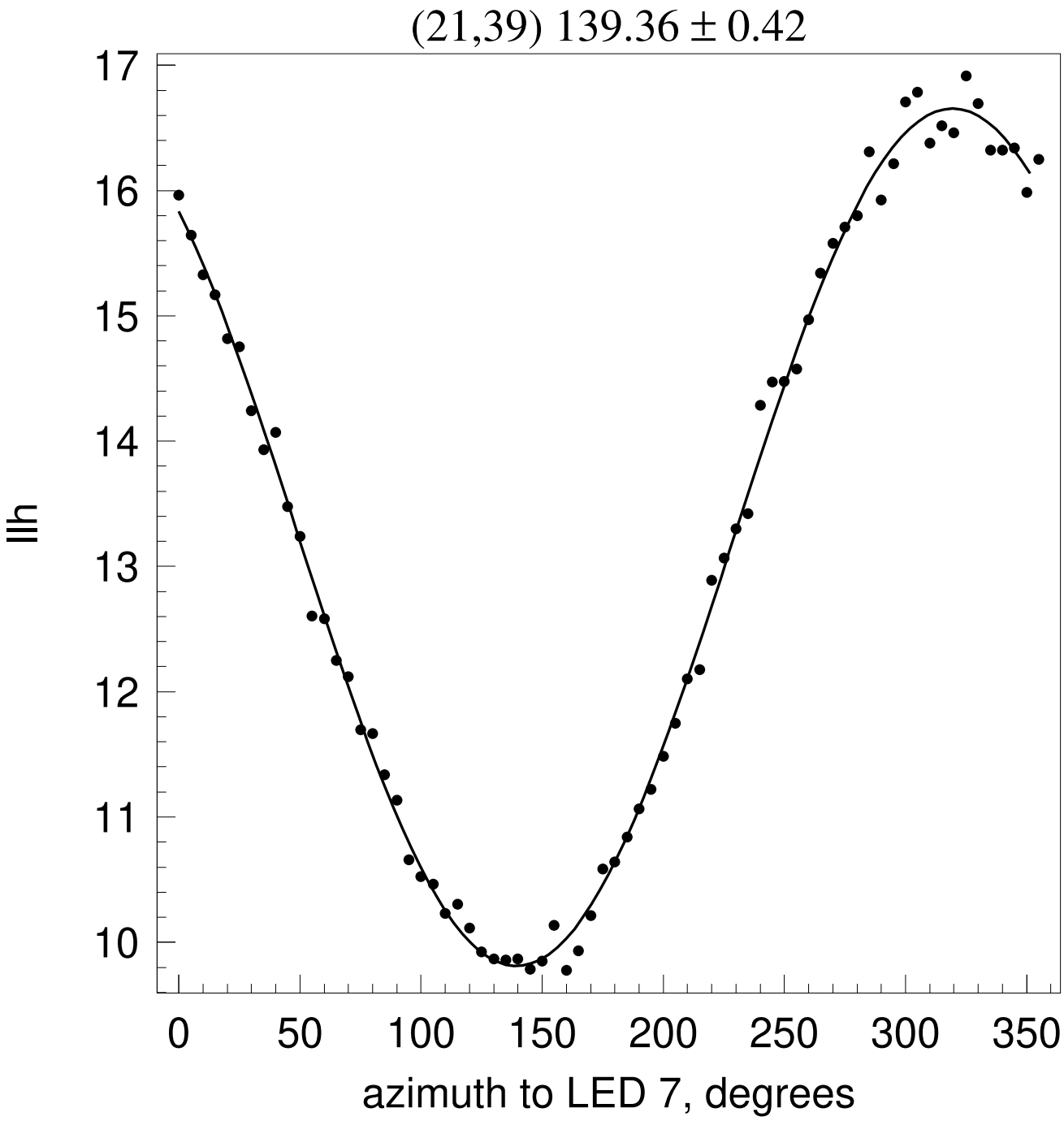

(21,34) 251.60 ± 0.58
15
14
13
12
11
10
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

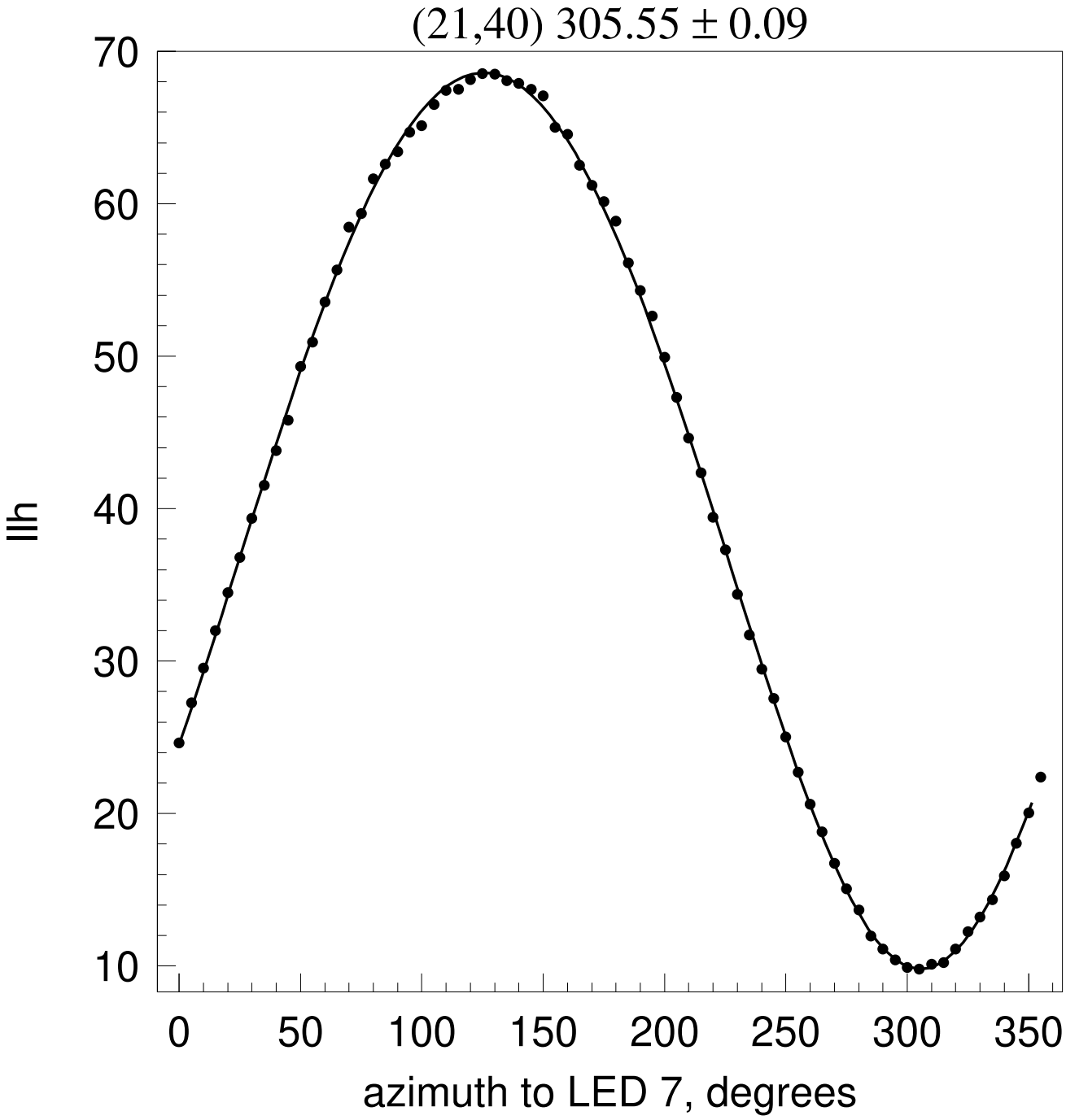

(21,35) 189.19 ± 4.09
17.5
17.25
17
16.75
16.5
16.25
16
15.75
15.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

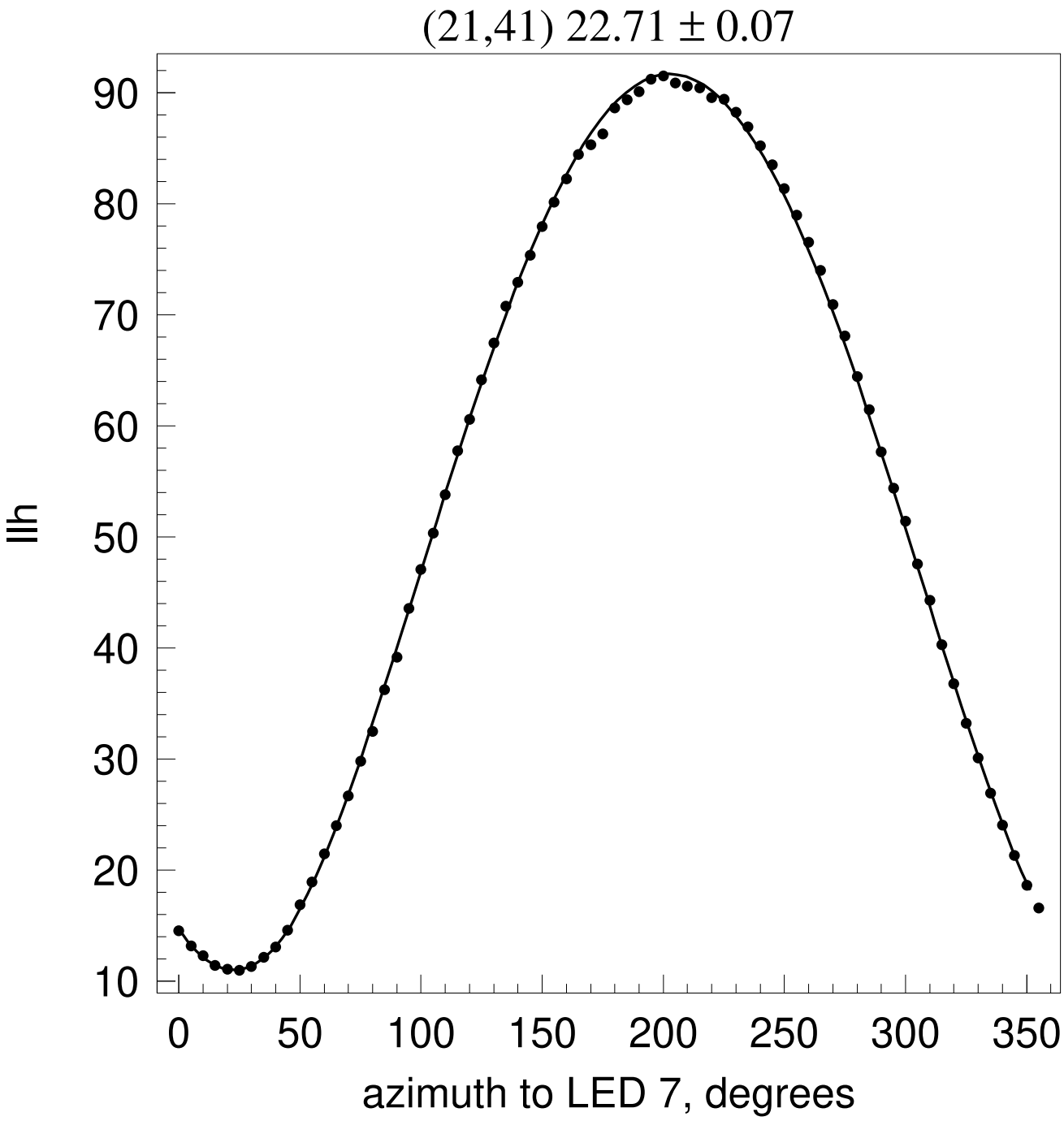

(21,36) 38.45 ± 12.29
13.6
13.4
13.2
13
12.8
12.6
12.4
12.2
12
11.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

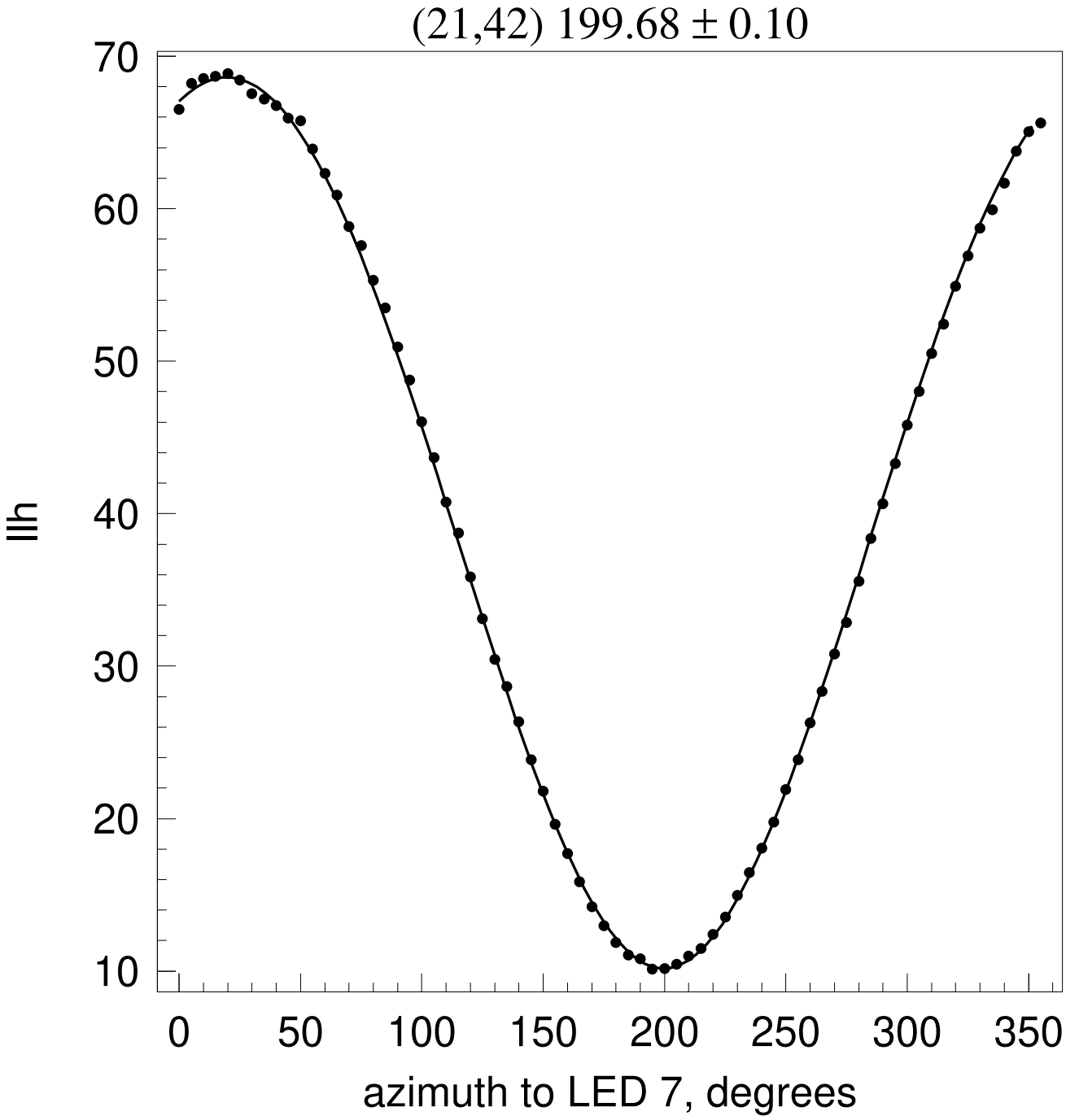

(21,37) 277.10 ± 24.52
13.6
13.4
13.2
13
12.8
12.6
12.4
12.2
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

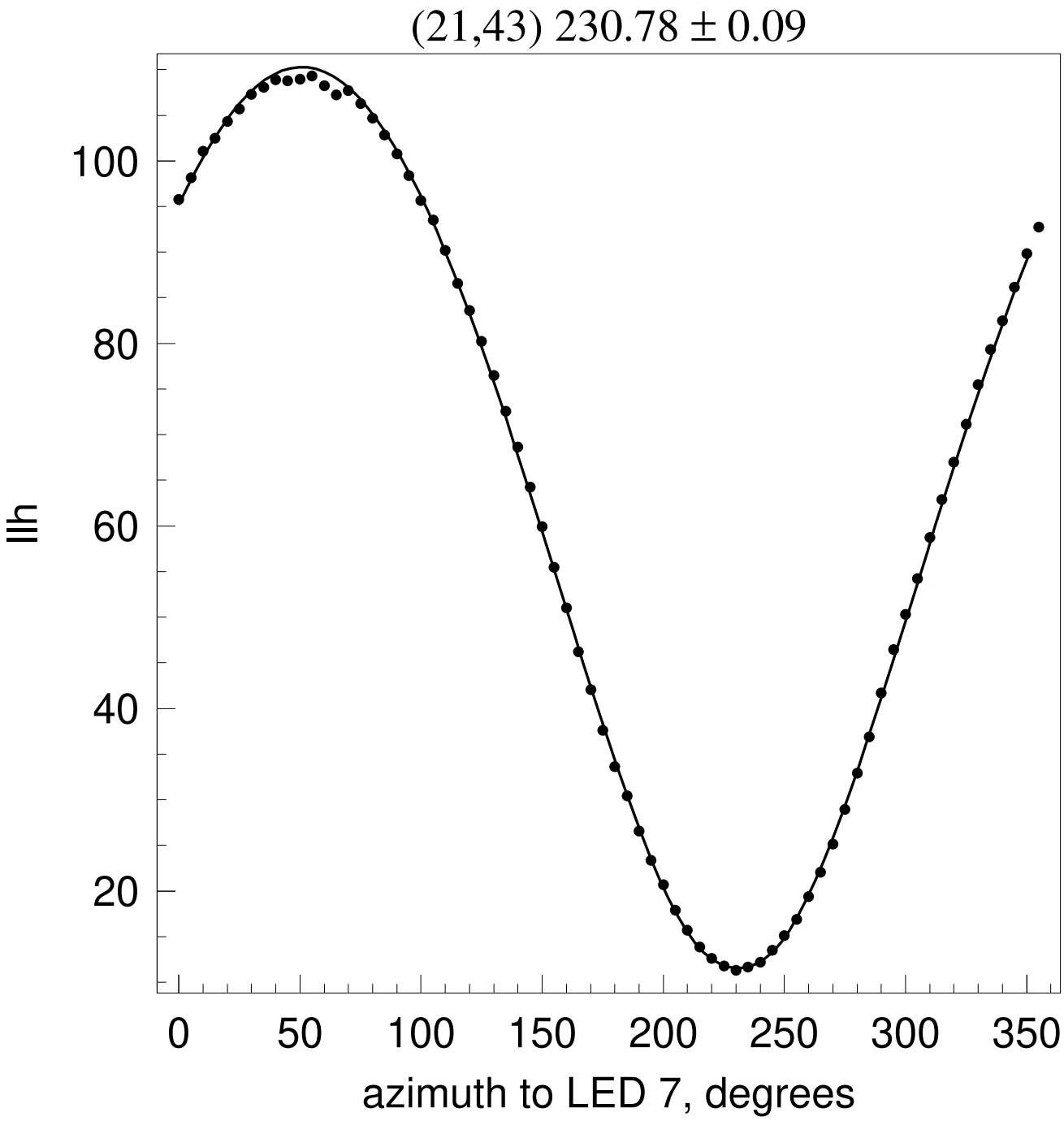

(21,38) 342.09 ± 7.97
12.6
12.4
12.2
12
11.8
11.6
11.4
11.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

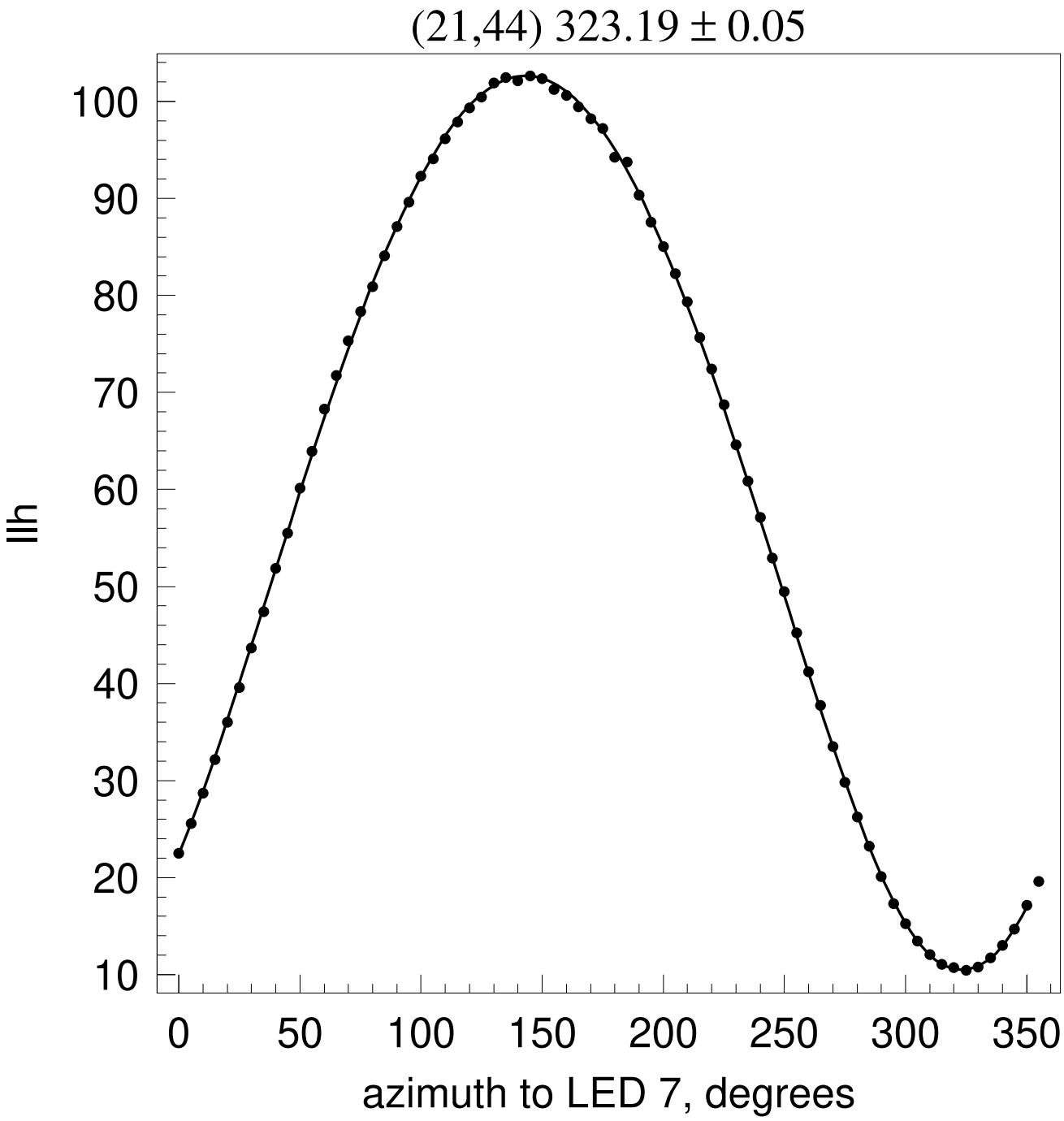

(21,39) 139.36 ± 0.42
17
16
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

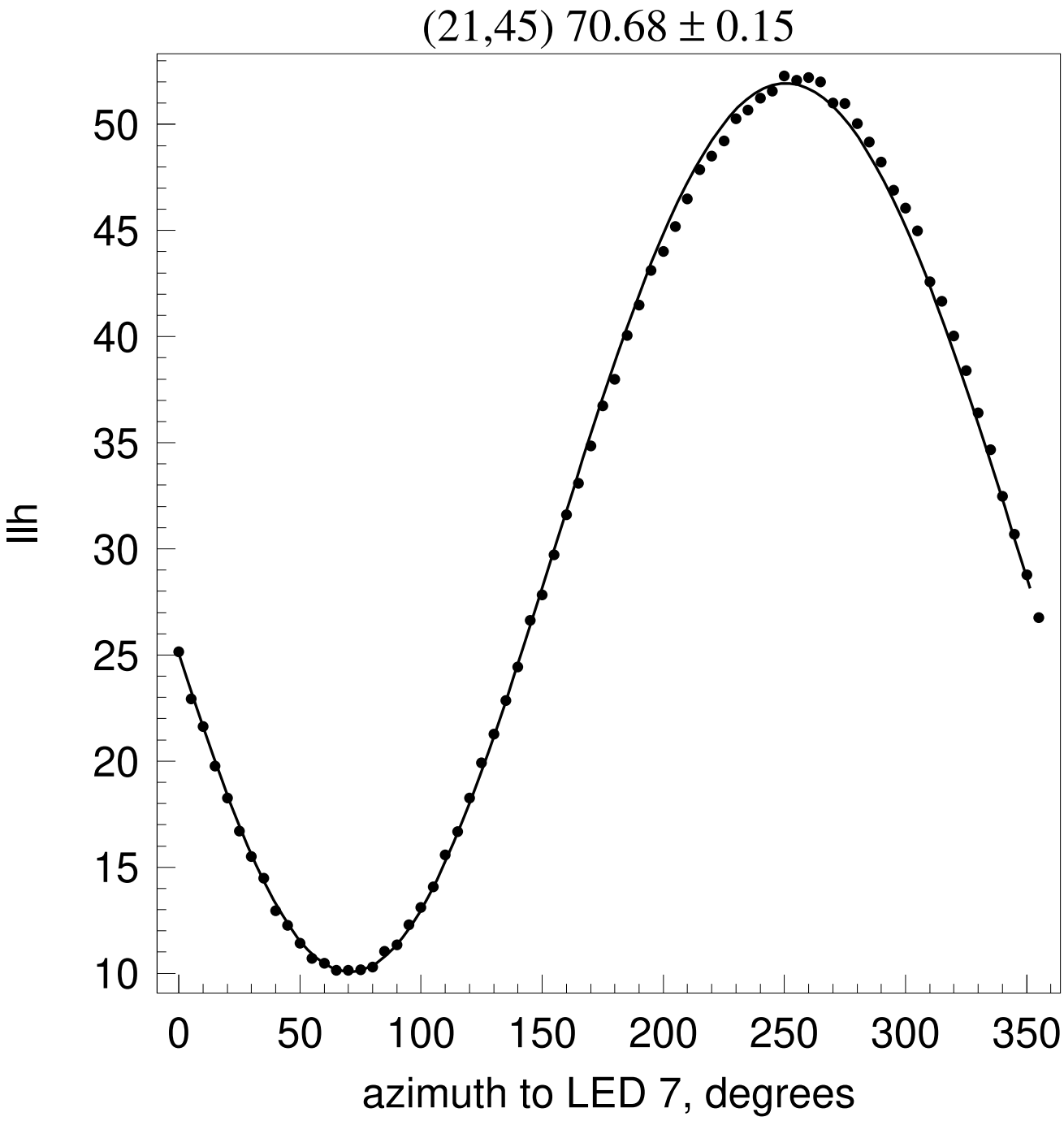

(21,40) 305.55 ± 0.09
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

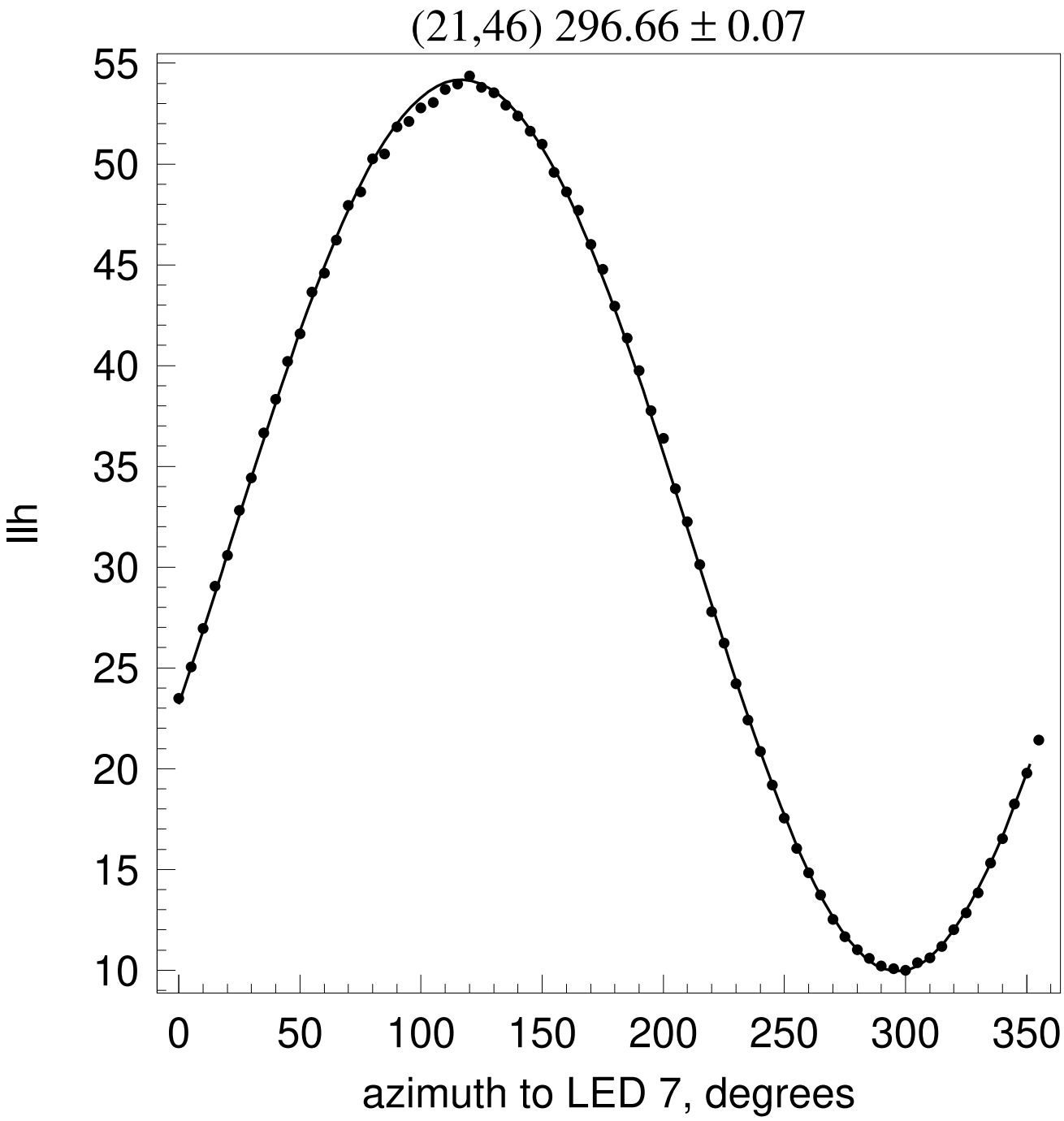

(21,41) 22.71 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

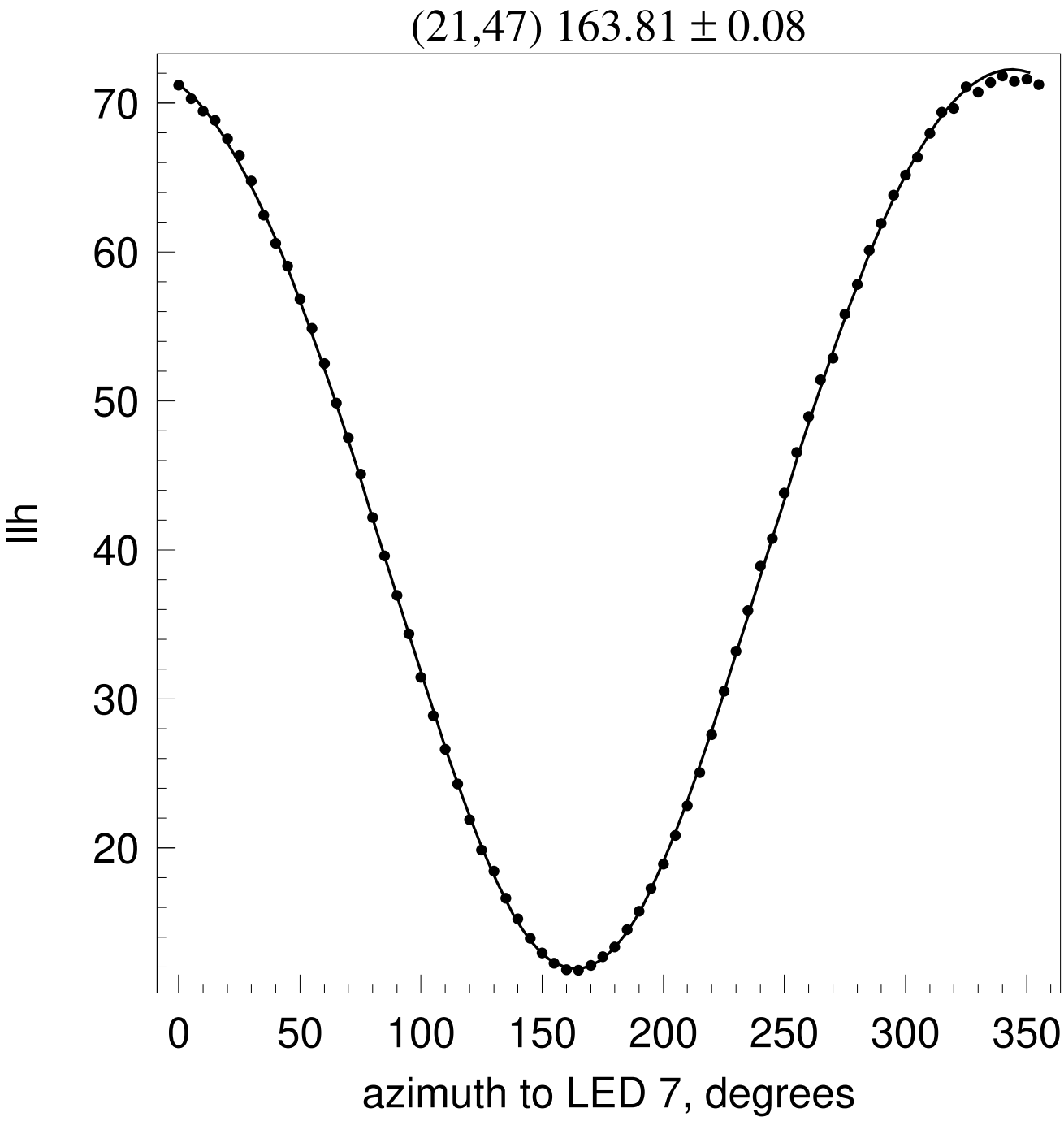

(21,42) 199.68 ± 0.10
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

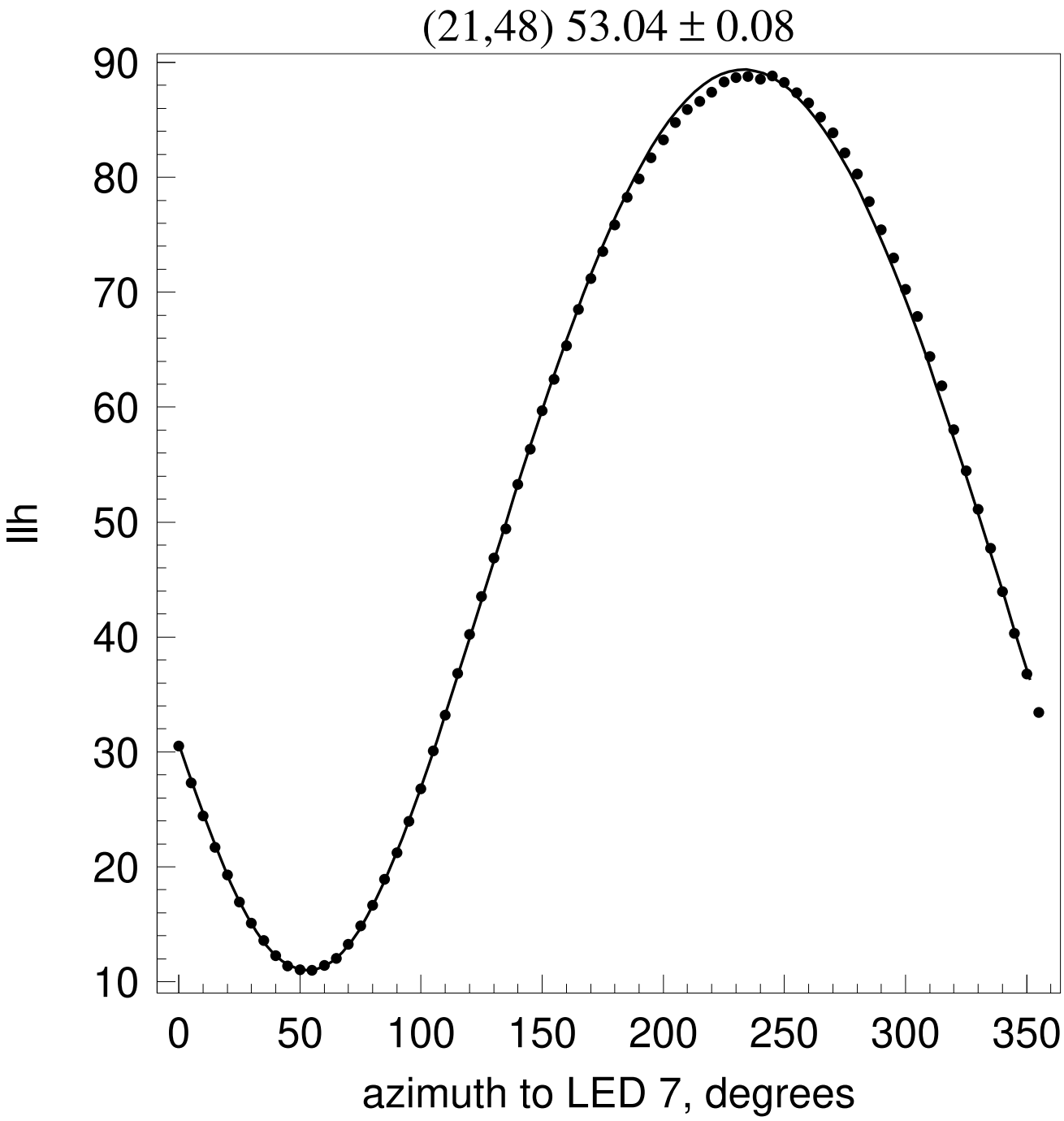

(21,43) 230.78 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

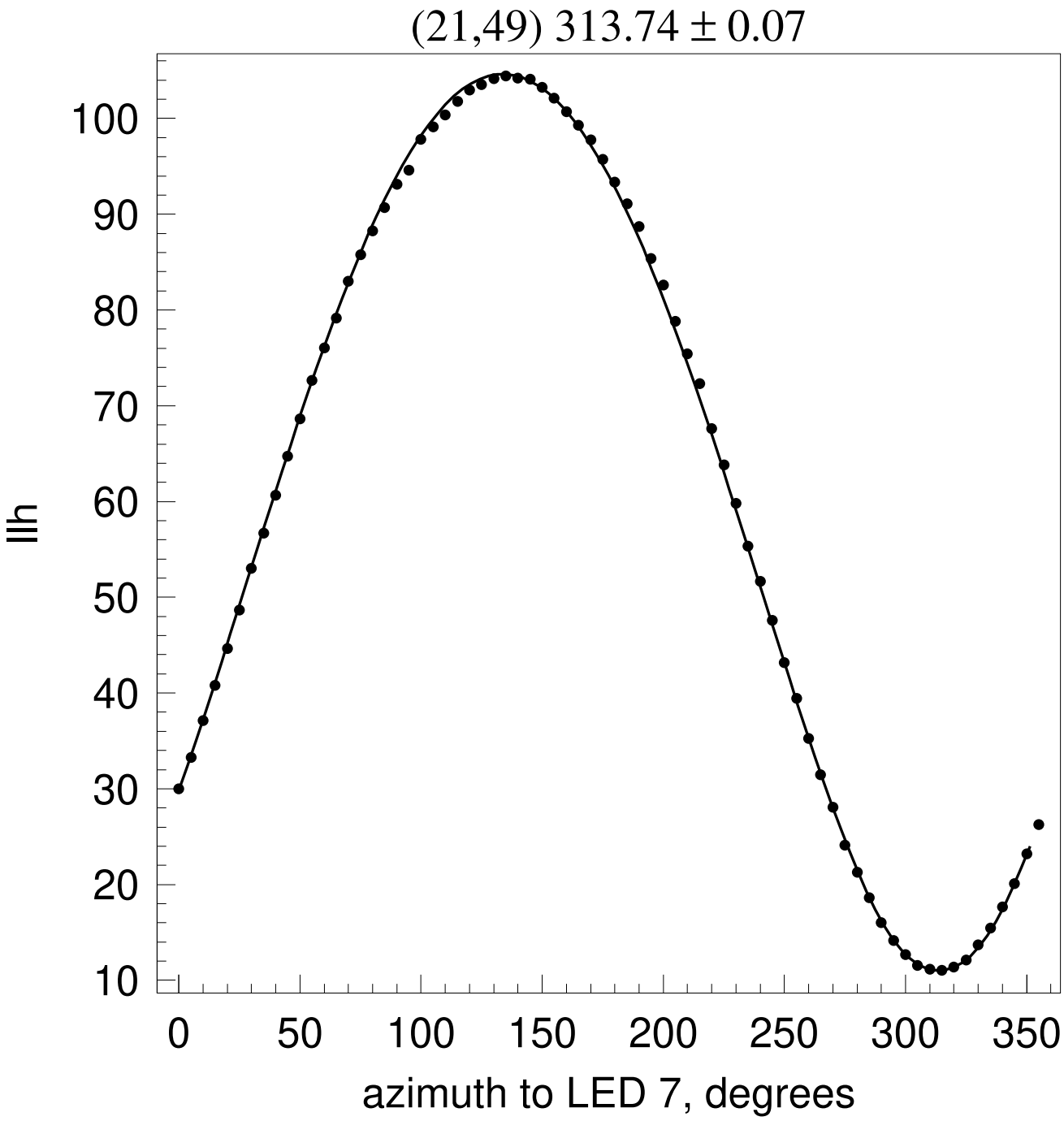

(21,44) 323.19 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

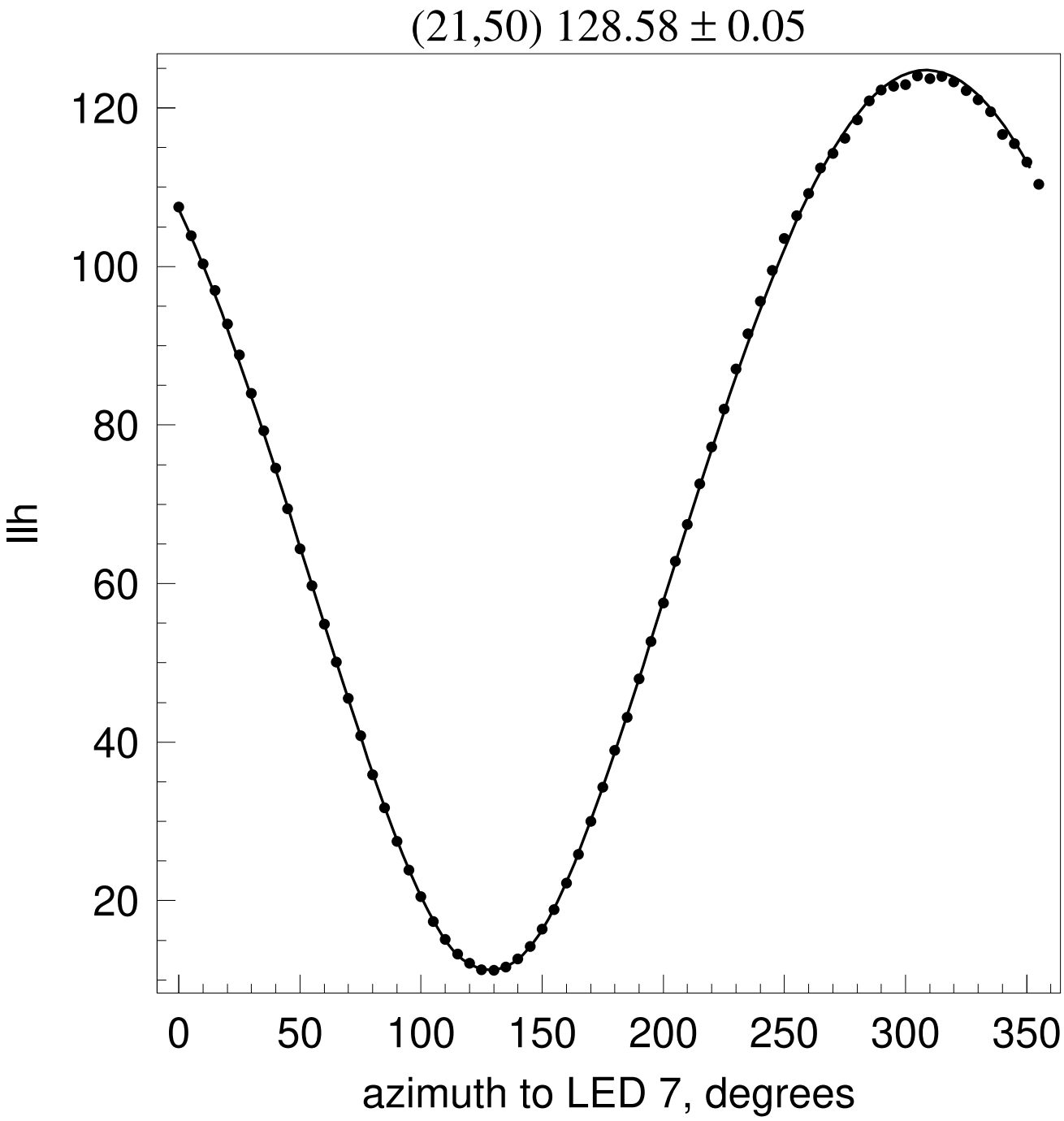

(21,45) 70.68 ± 0.15
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

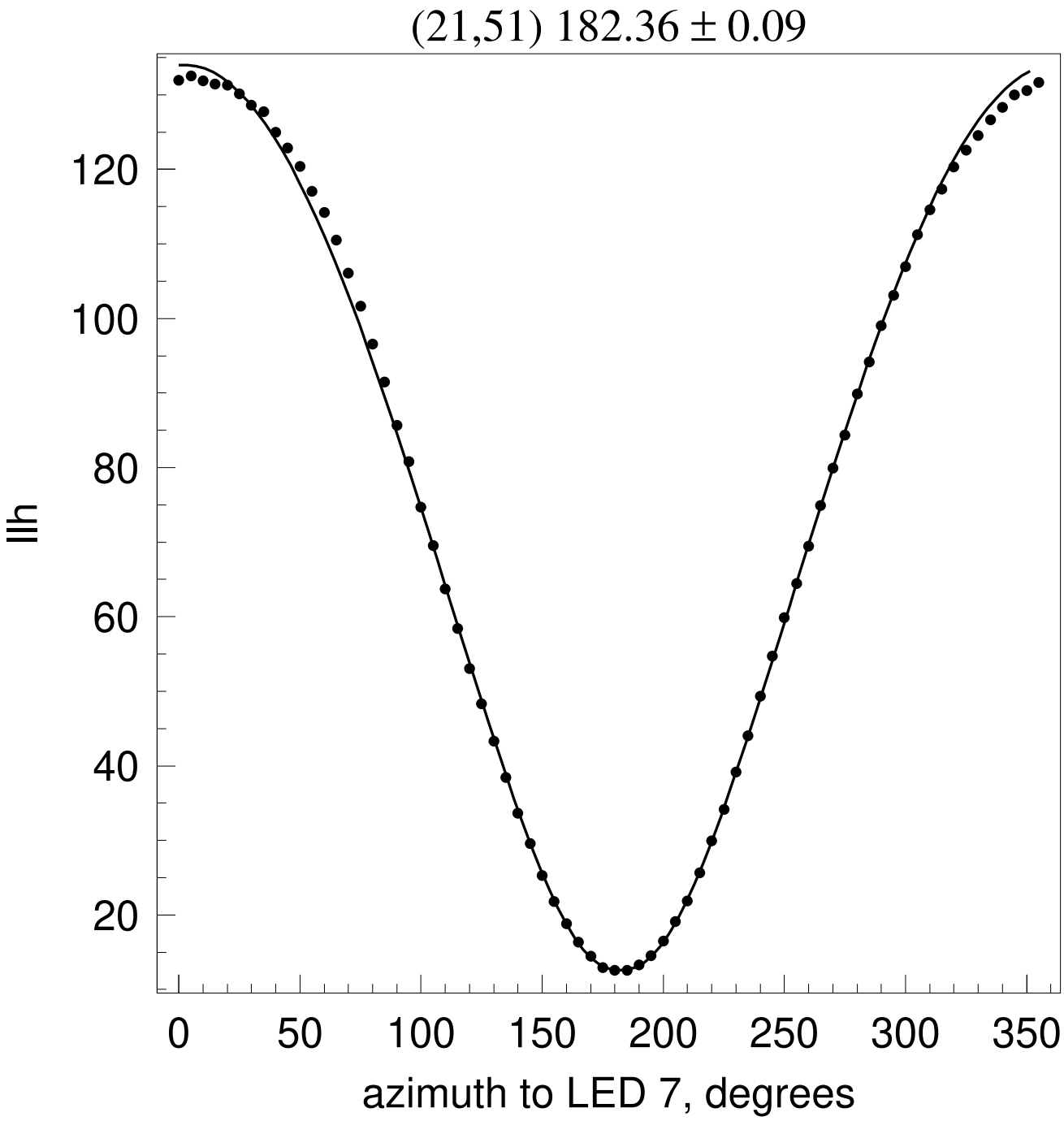

(21,46) 296.66 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

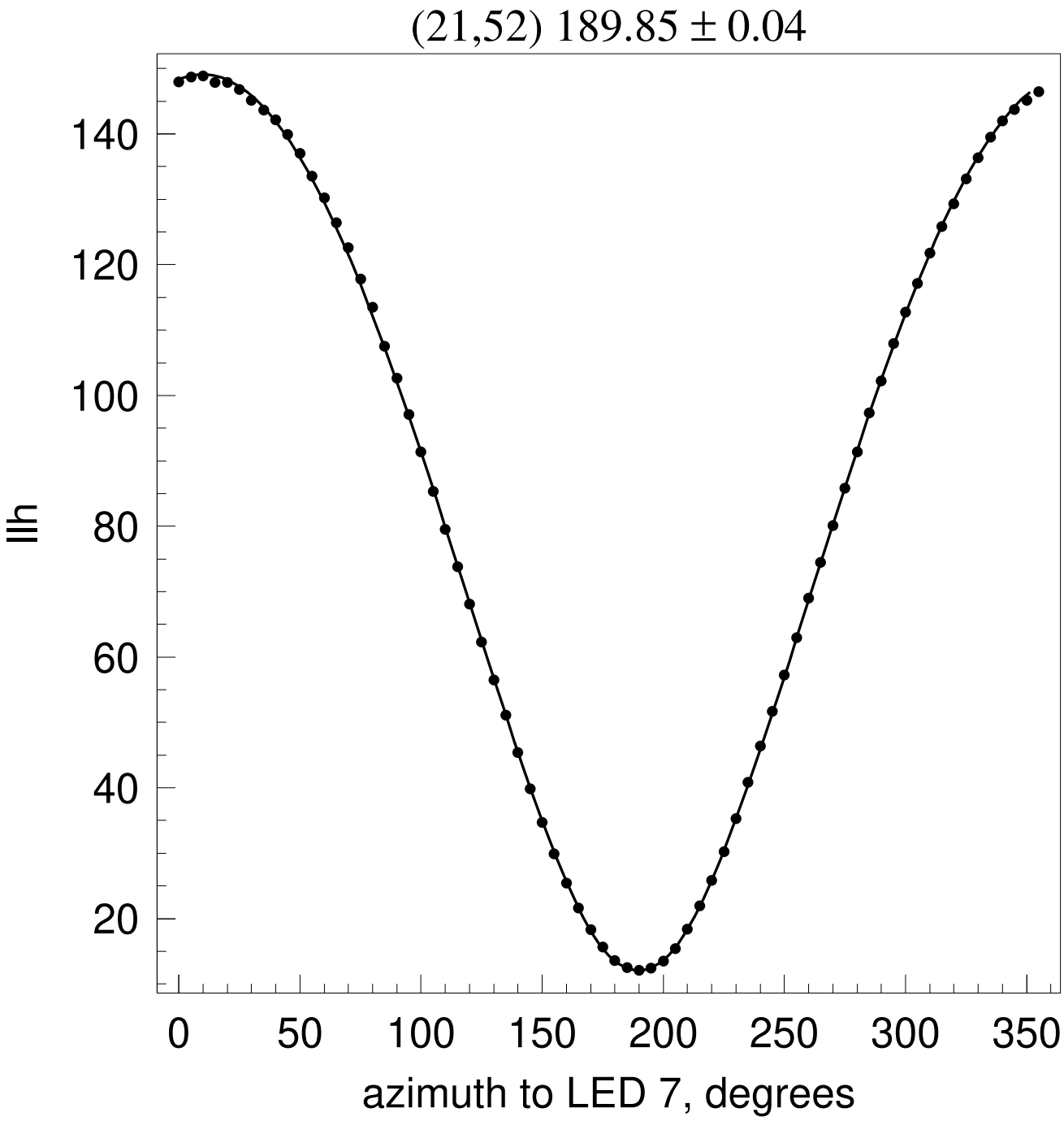

(21,47) 163.81 ± 0.08
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

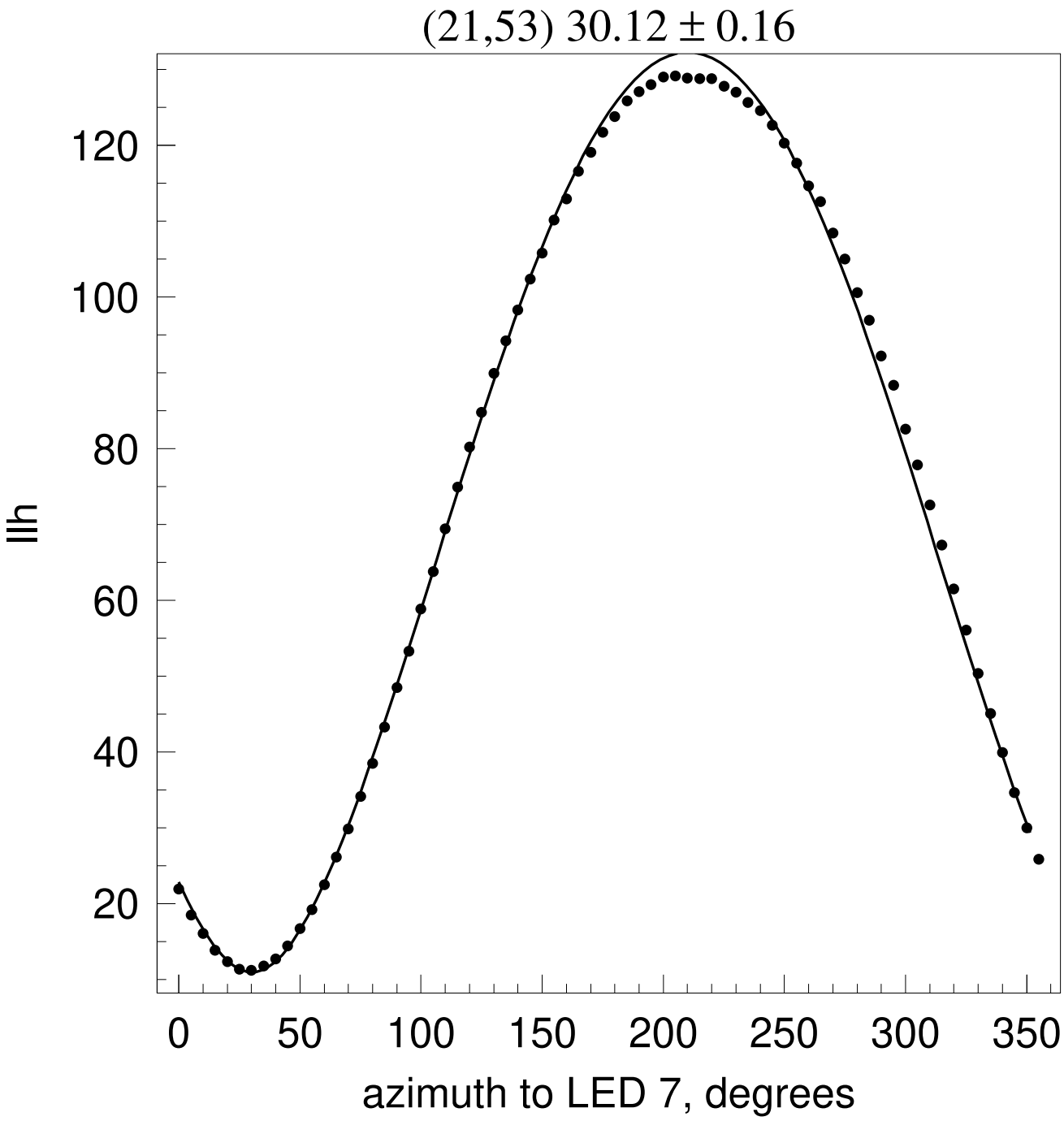

(21,48) 53.04 ± 0.08
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

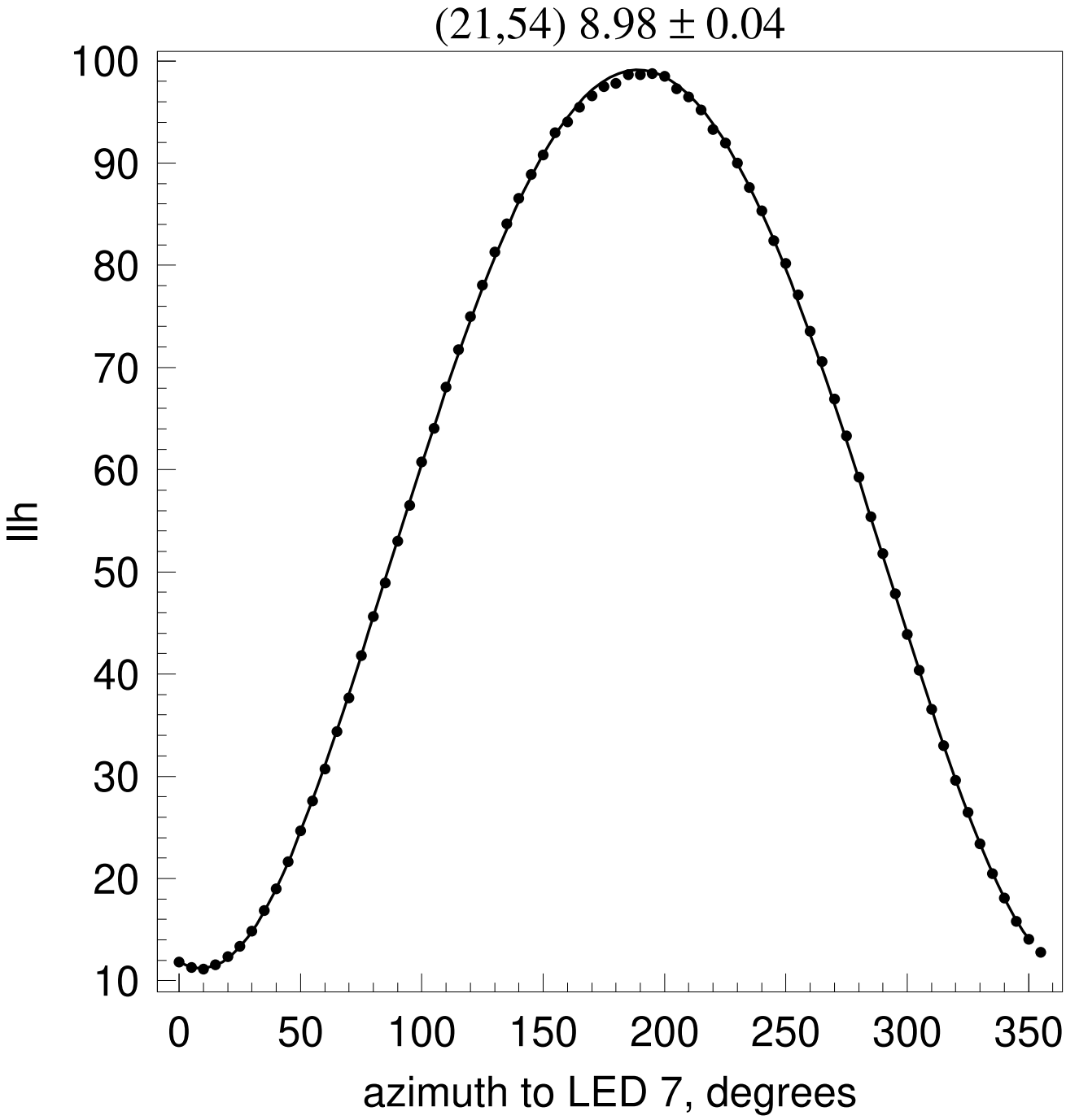

(21,49) 313.74 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

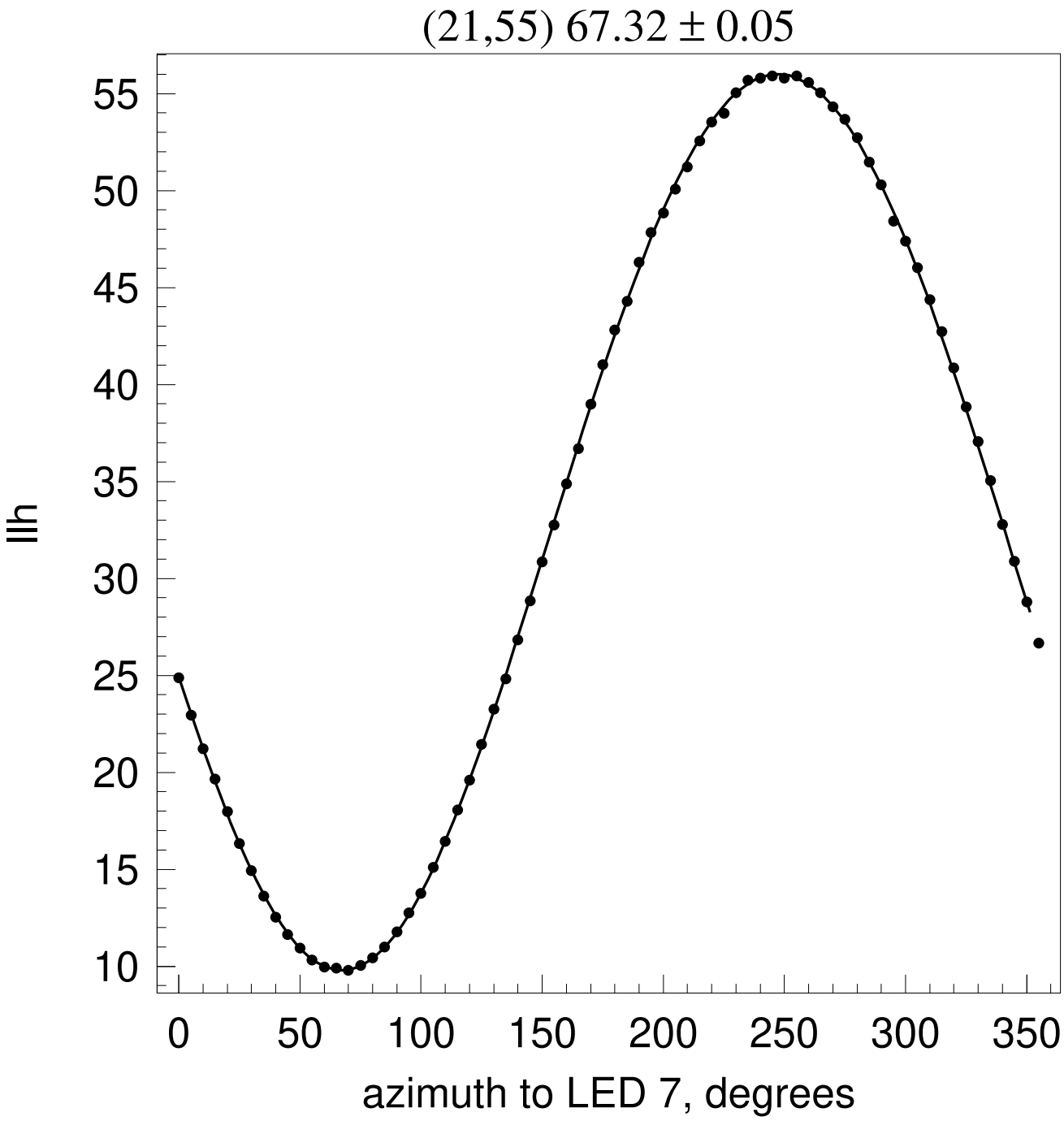

(21,50) 128.58 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

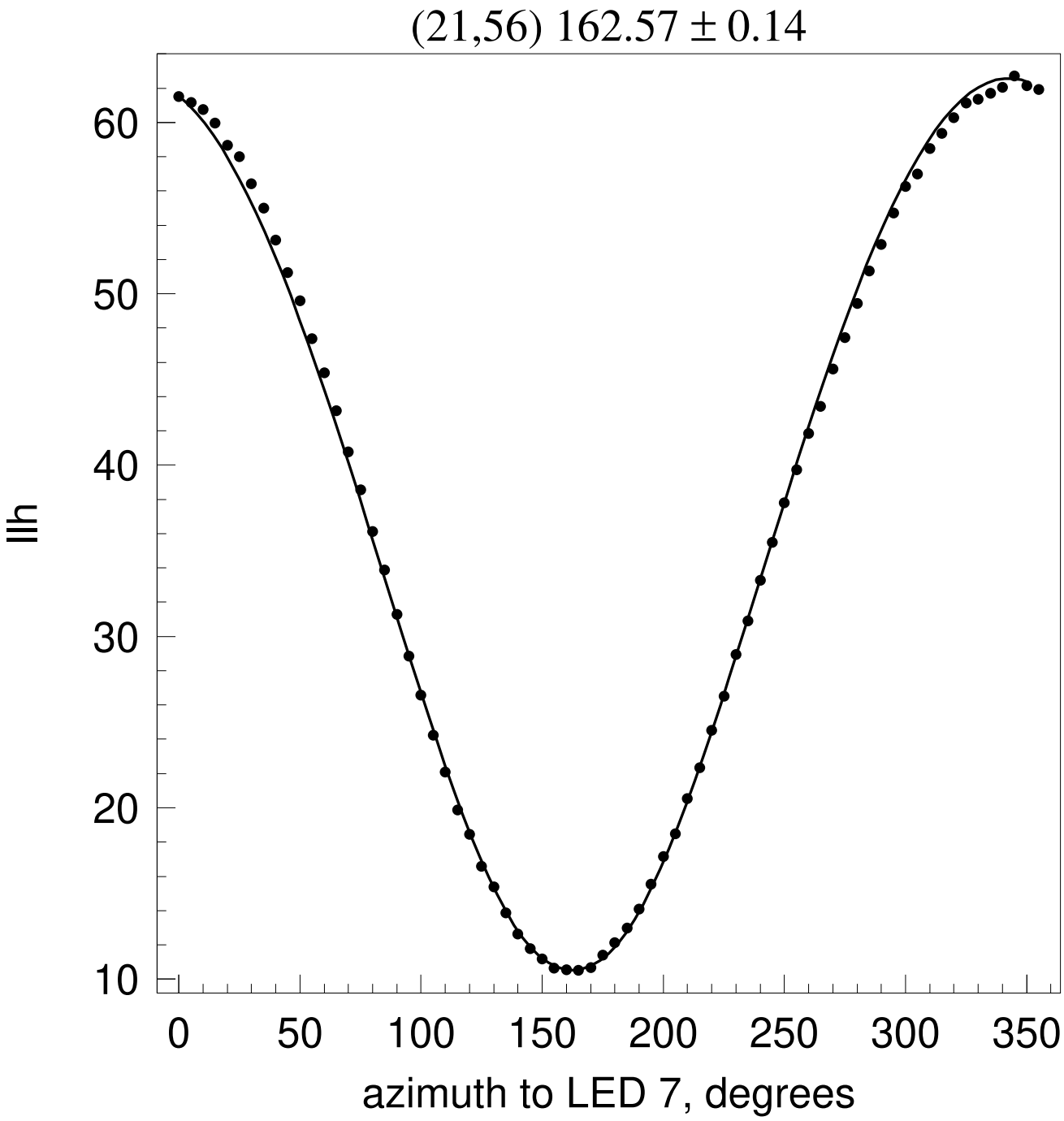

(21,51) 182.36 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

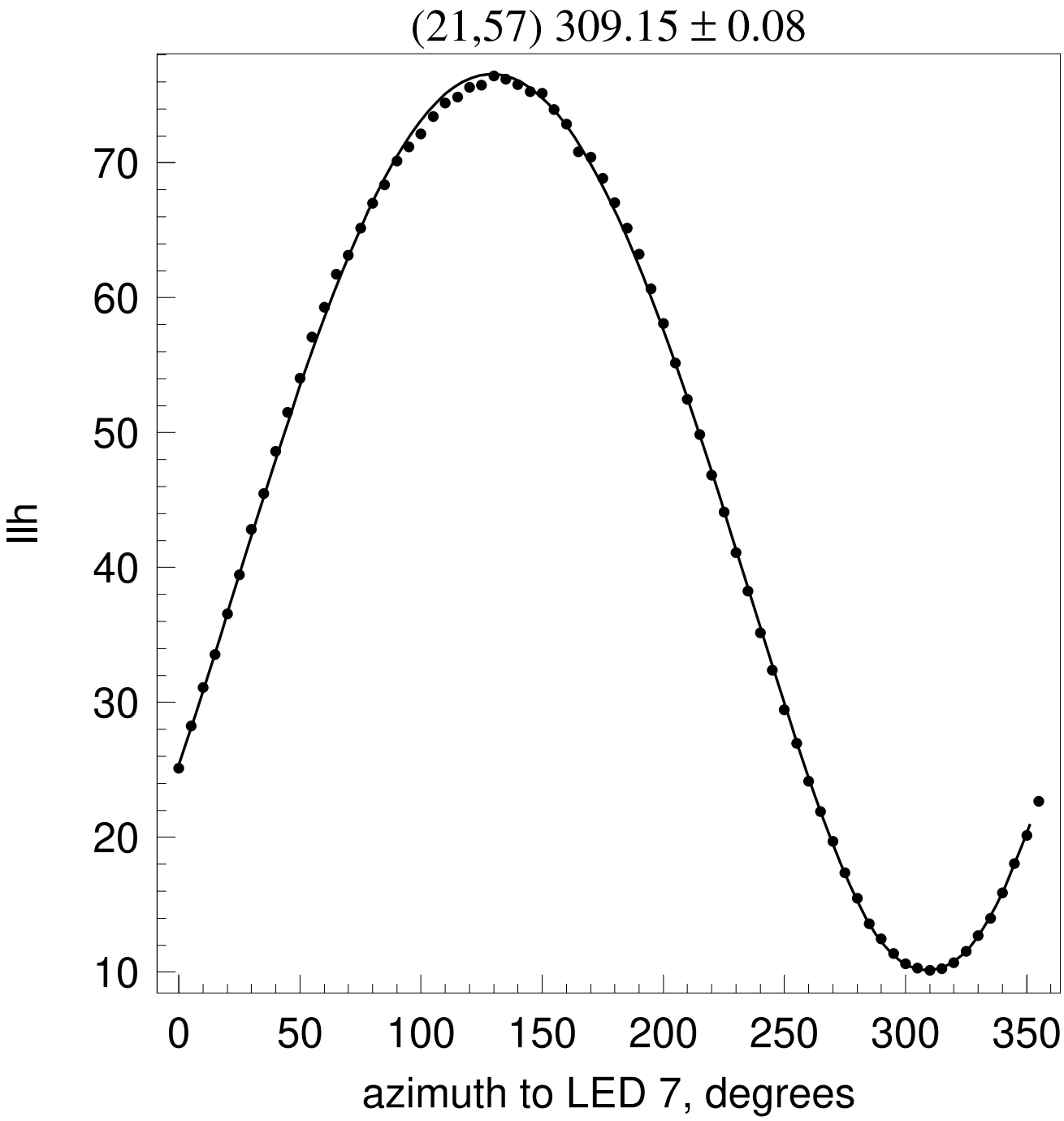

(21,52) 189.85 ± 0.04
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

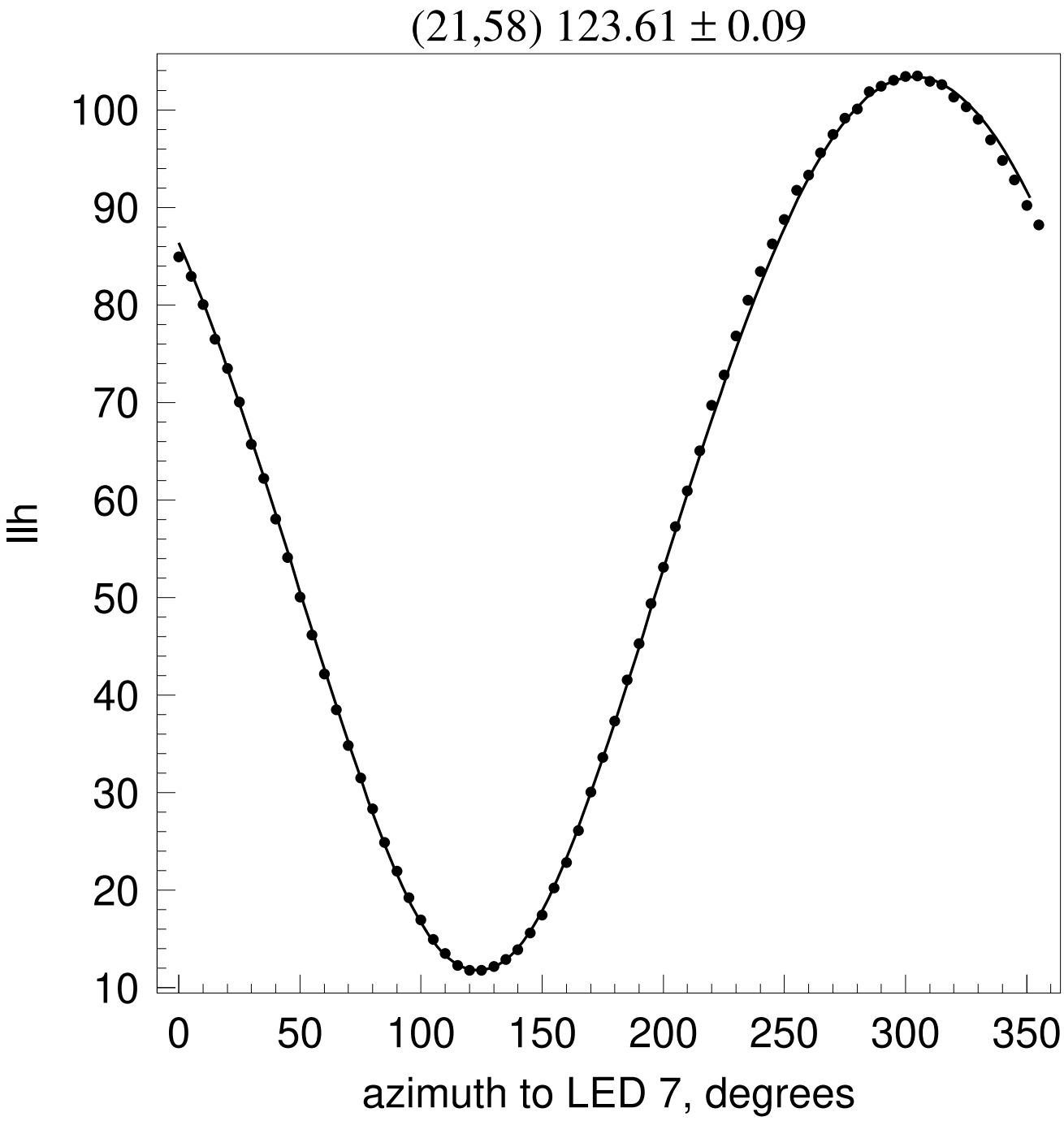

(21,53) 30.12 ± 0.16
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

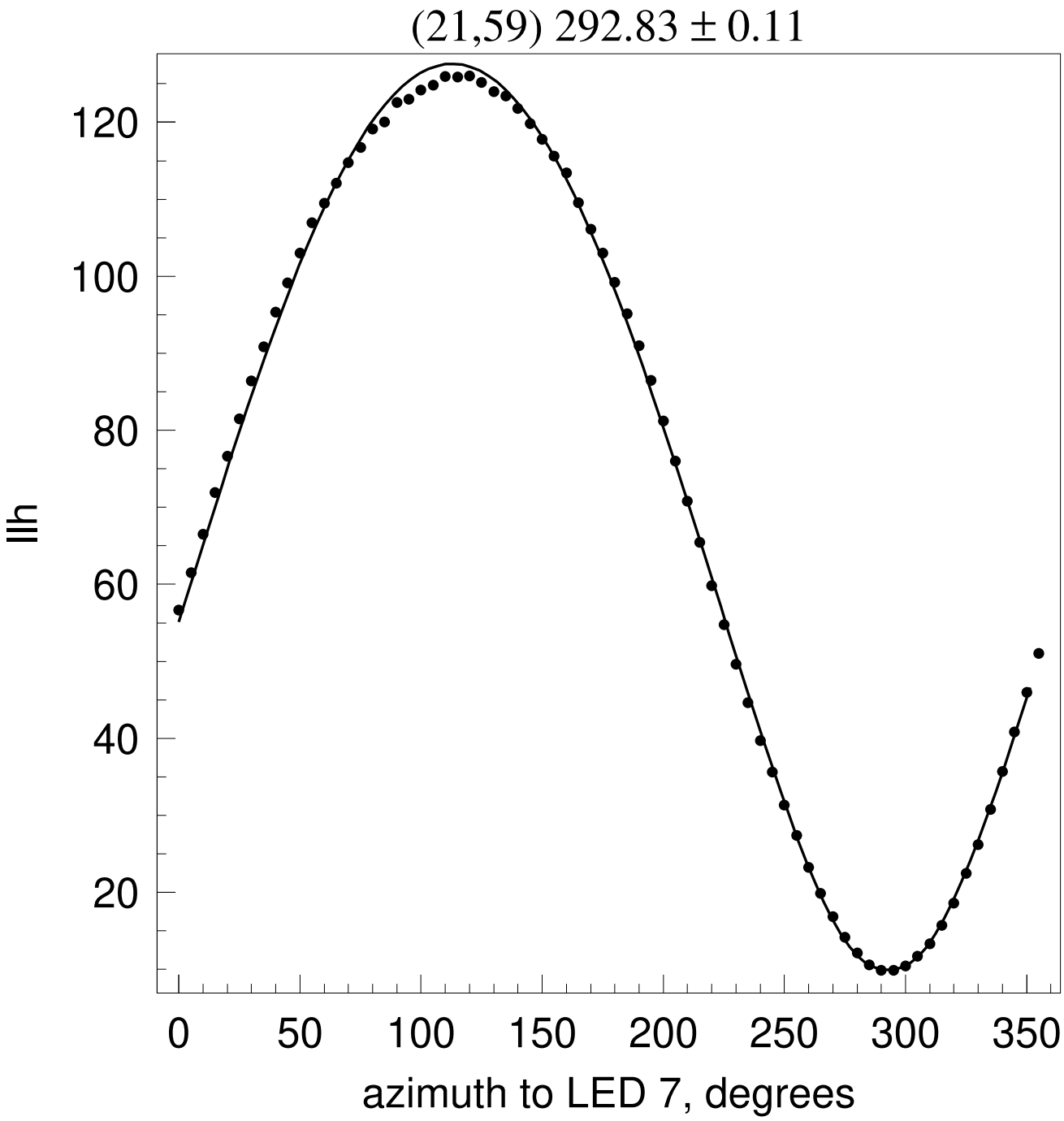

(21,54) 8.98 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

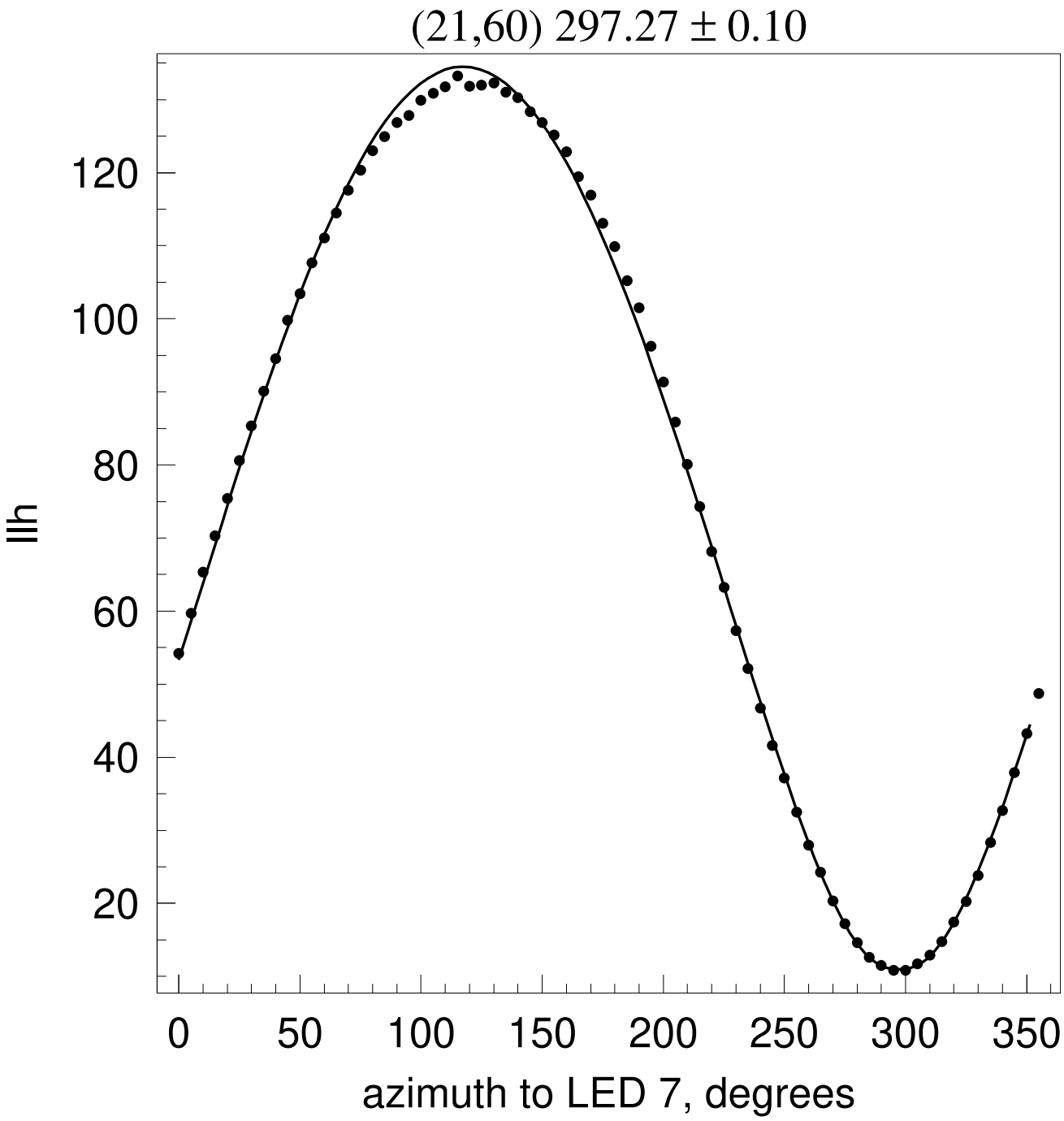

(21,55) 67.32 ± 0.05
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

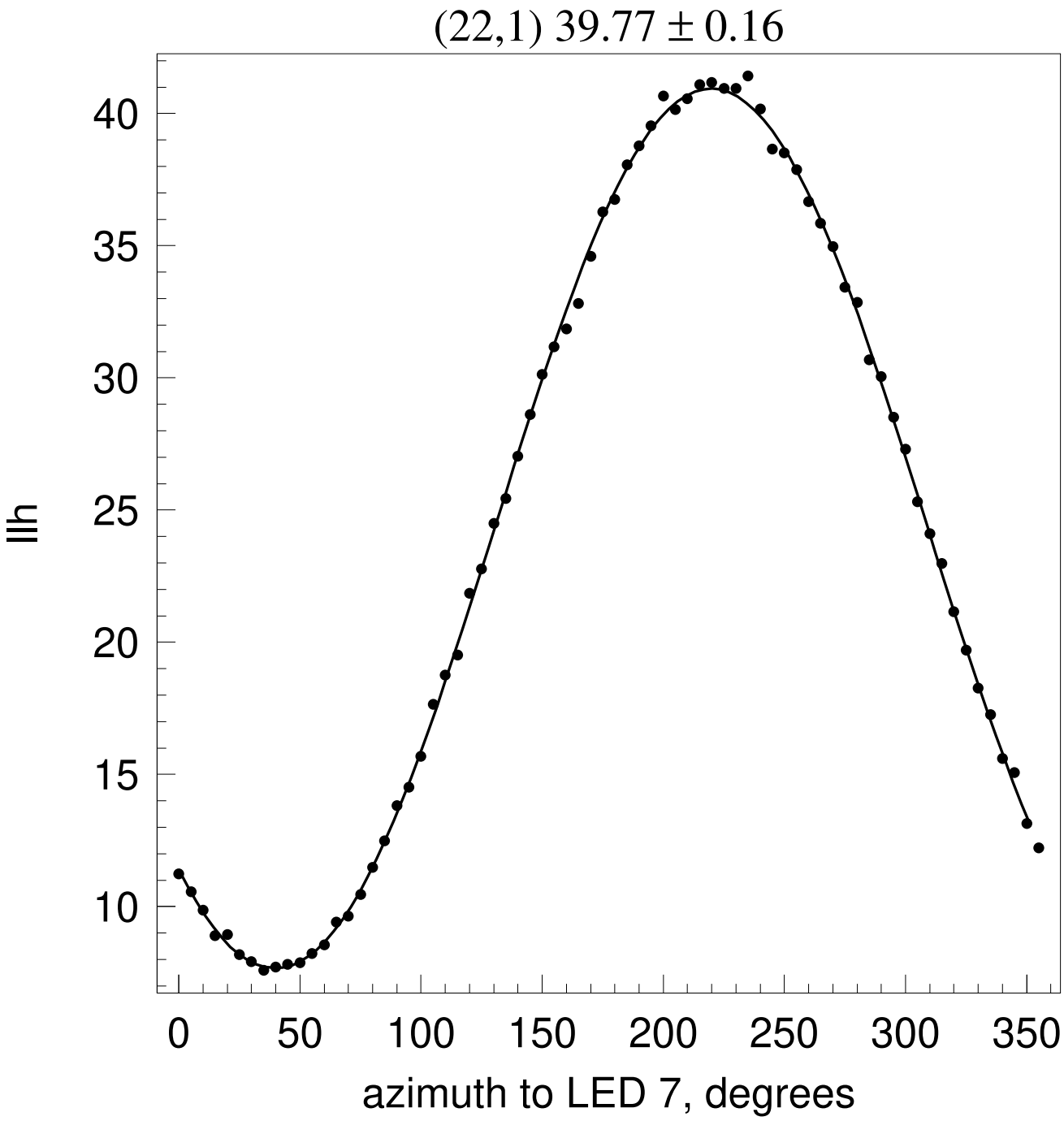

(21,56) 162.57 ± 0.14
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

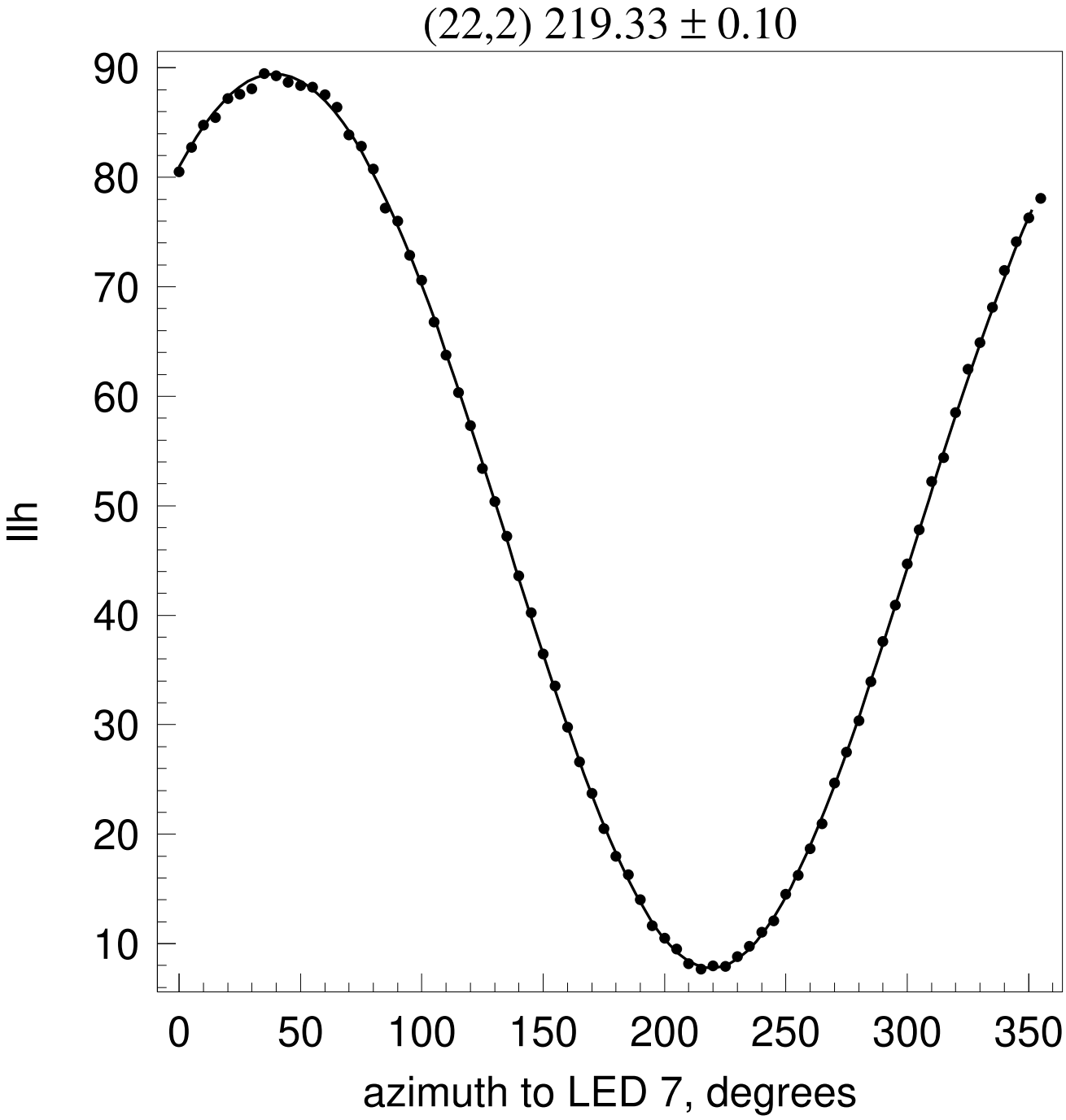

(21,57) 309.15 ± 0.08
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

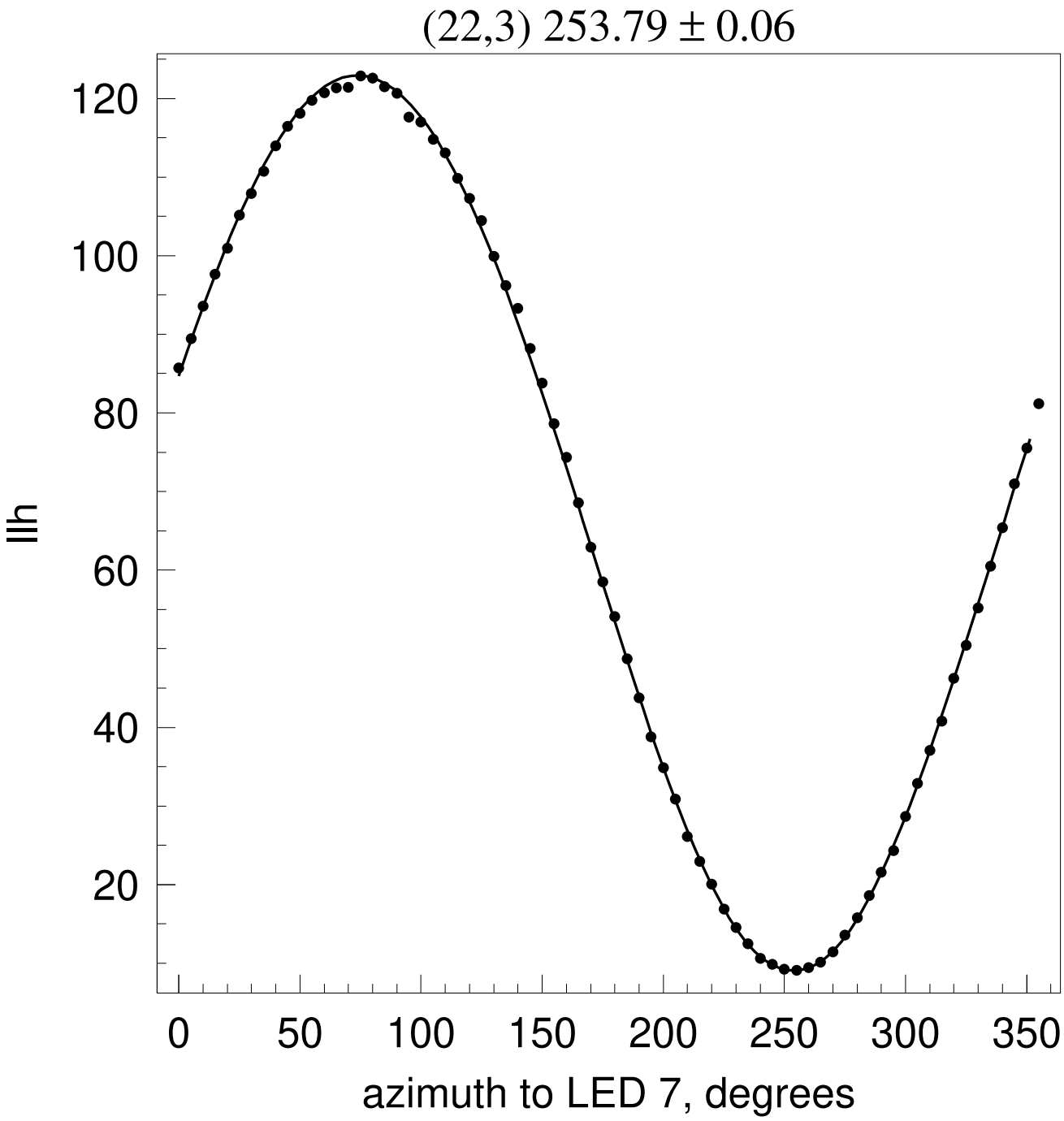

(21,58) 123.61 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

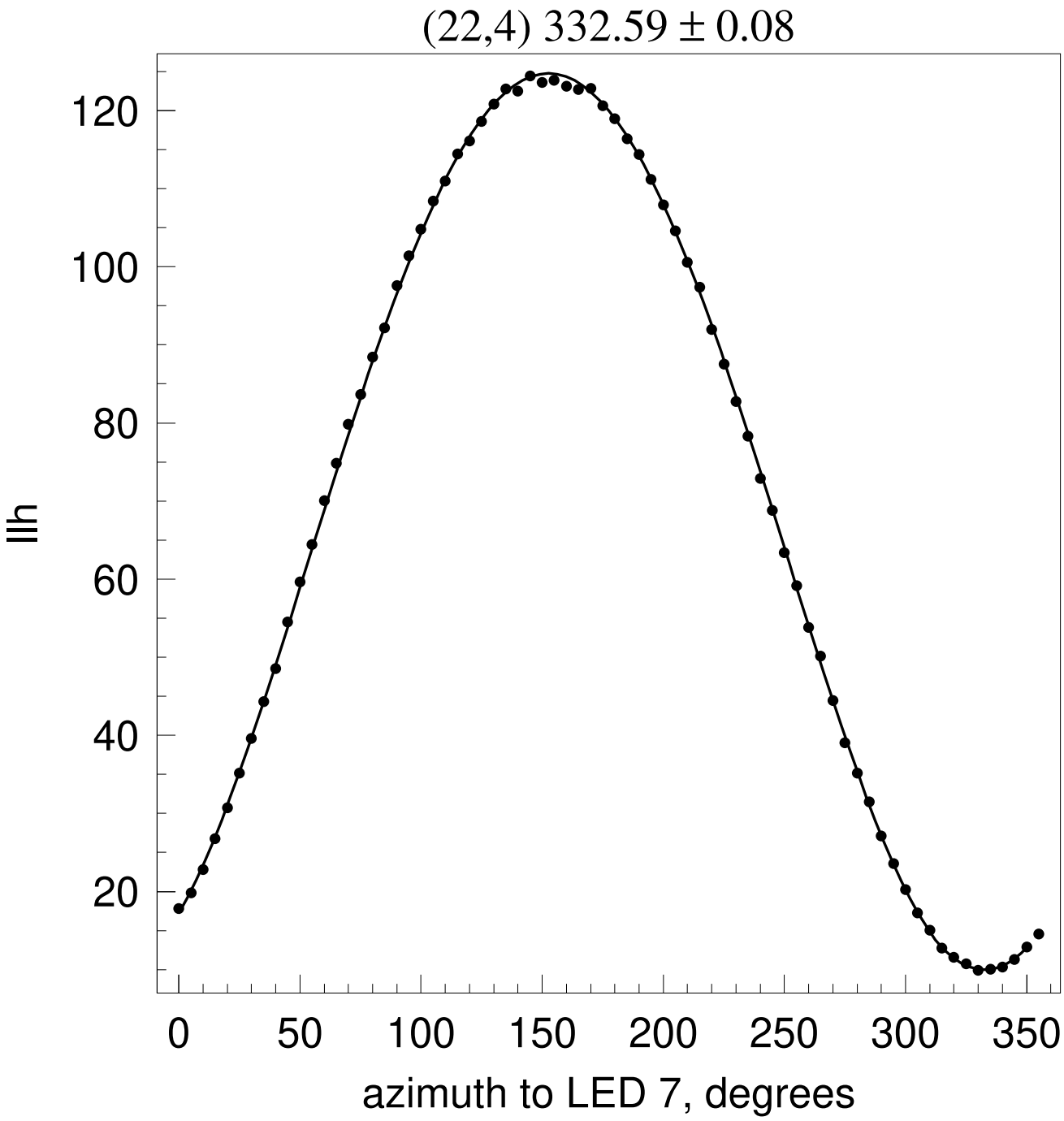

(21,59) 292.83 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

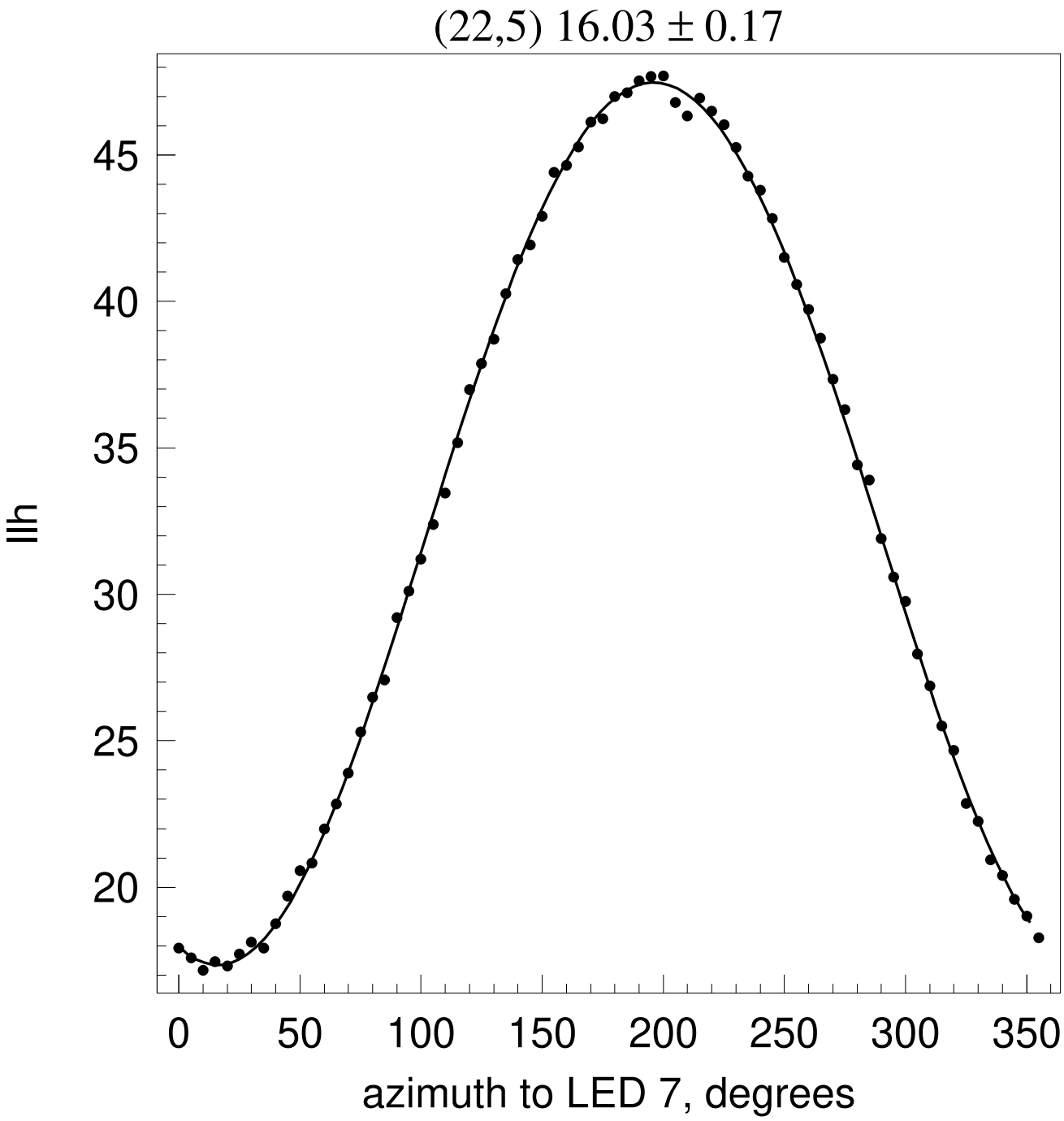

(21,60) 297.27 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

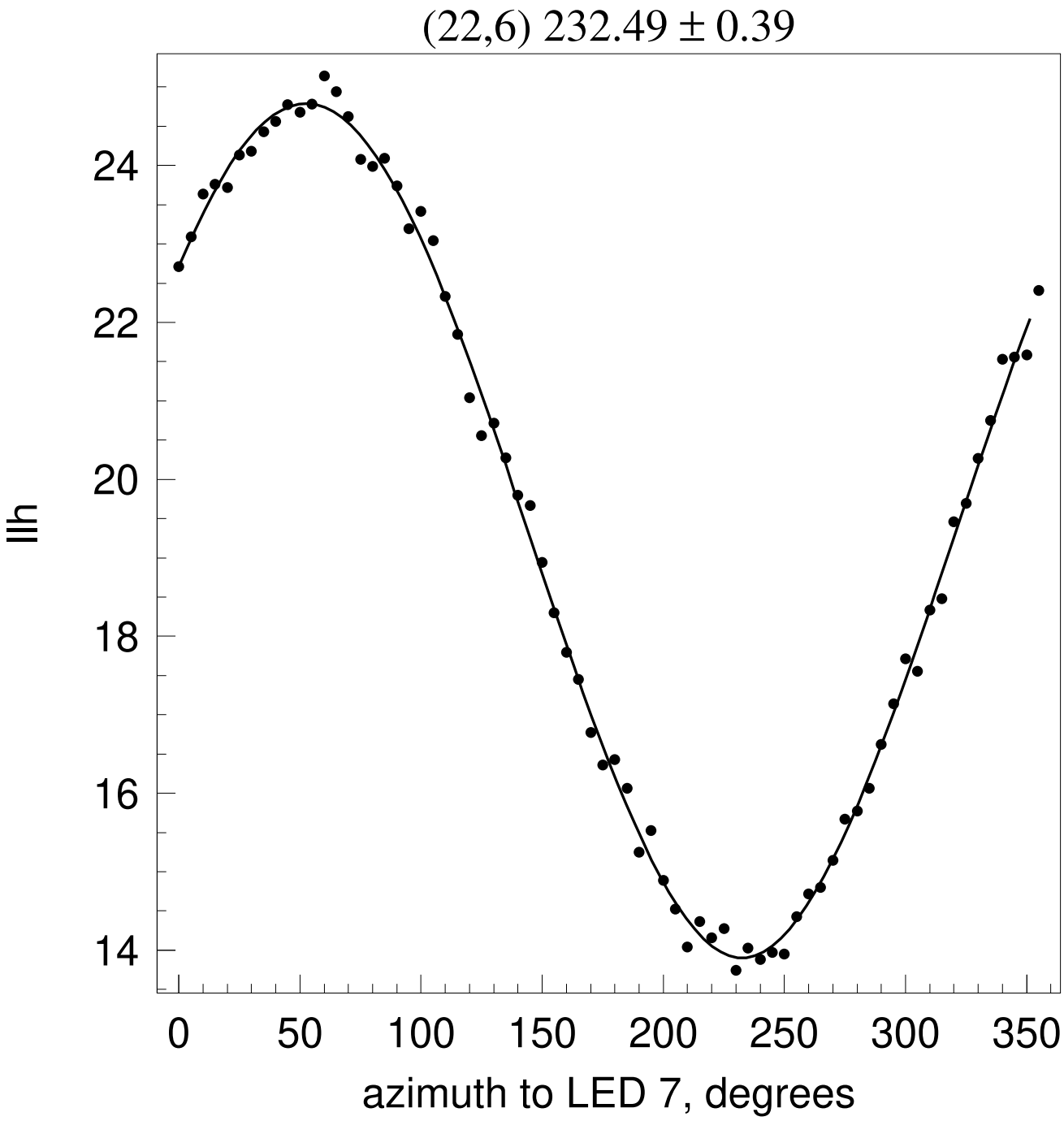

(22,1) 39.77 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

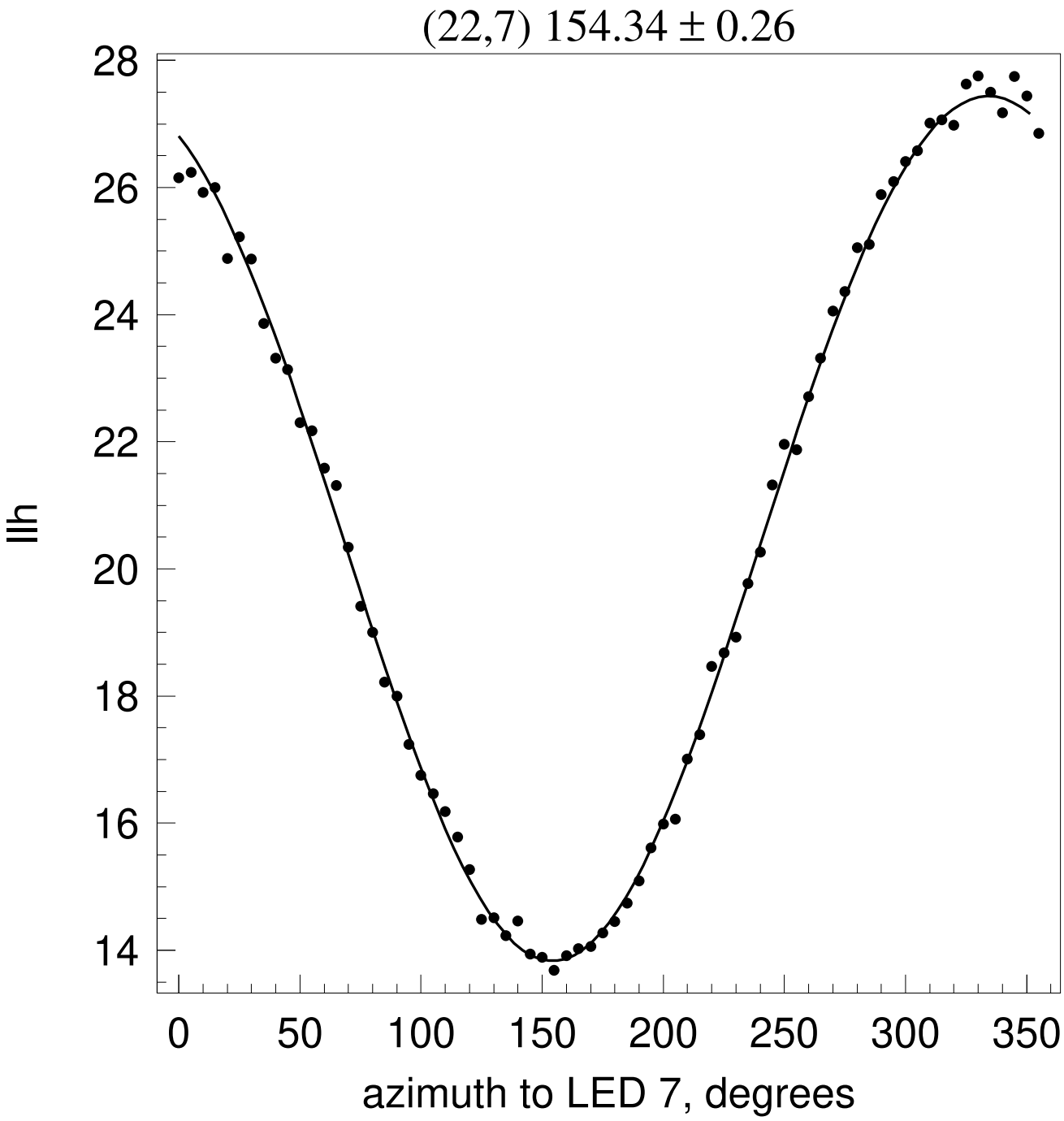

(22,2) 219.33 ± 0.10
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

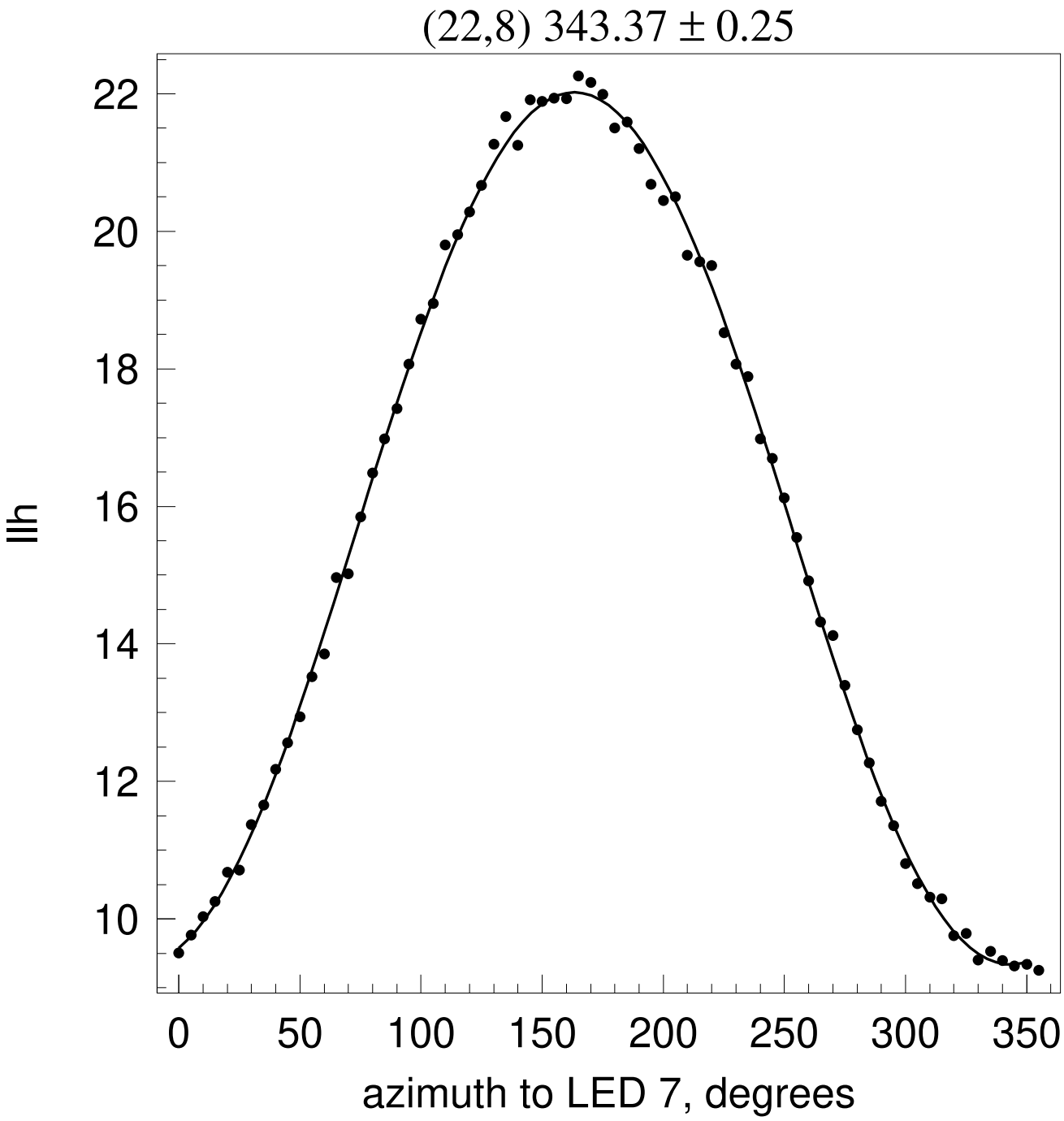

(22,3) 253.79 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

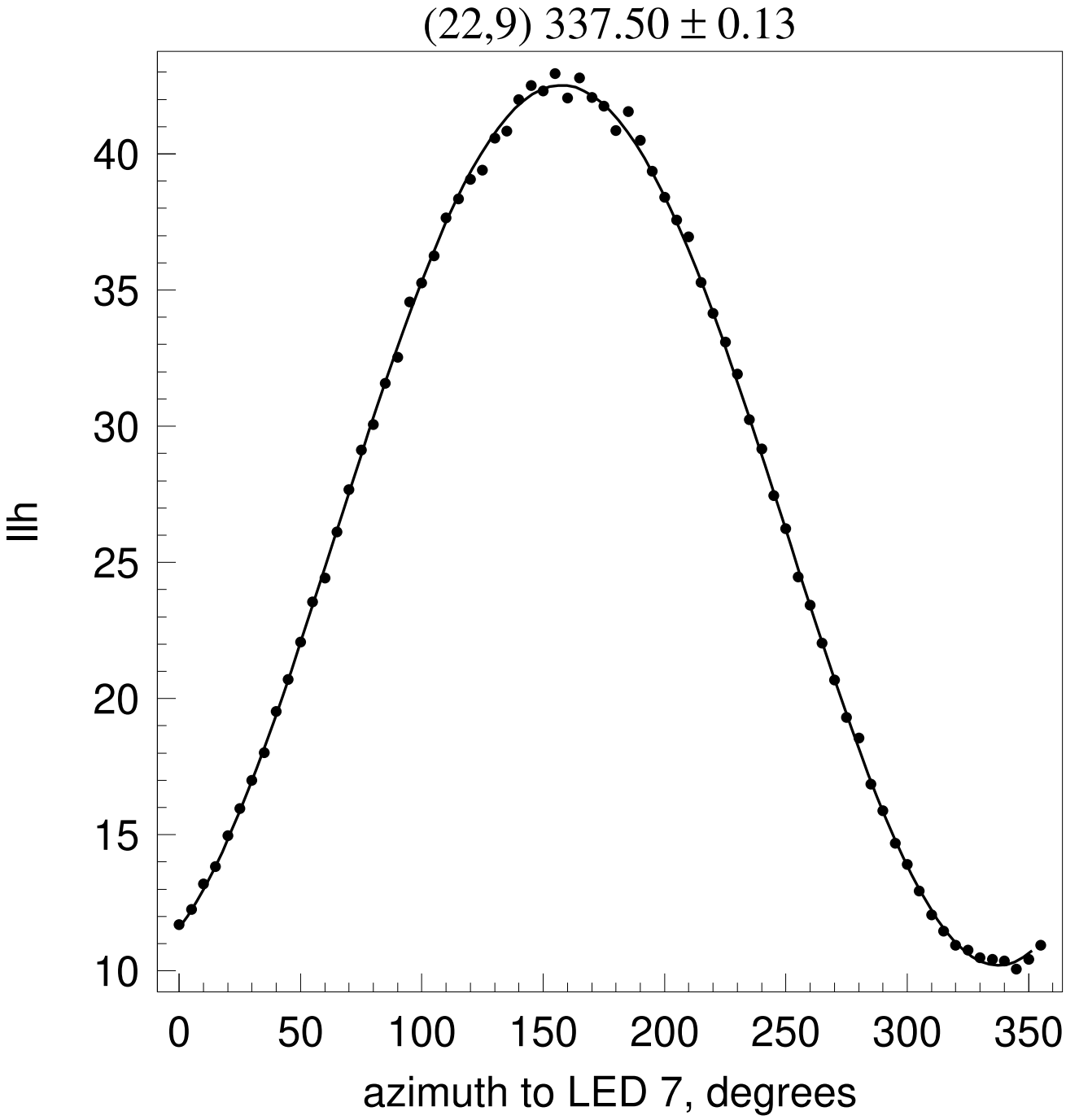

(22,4) 332.59 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

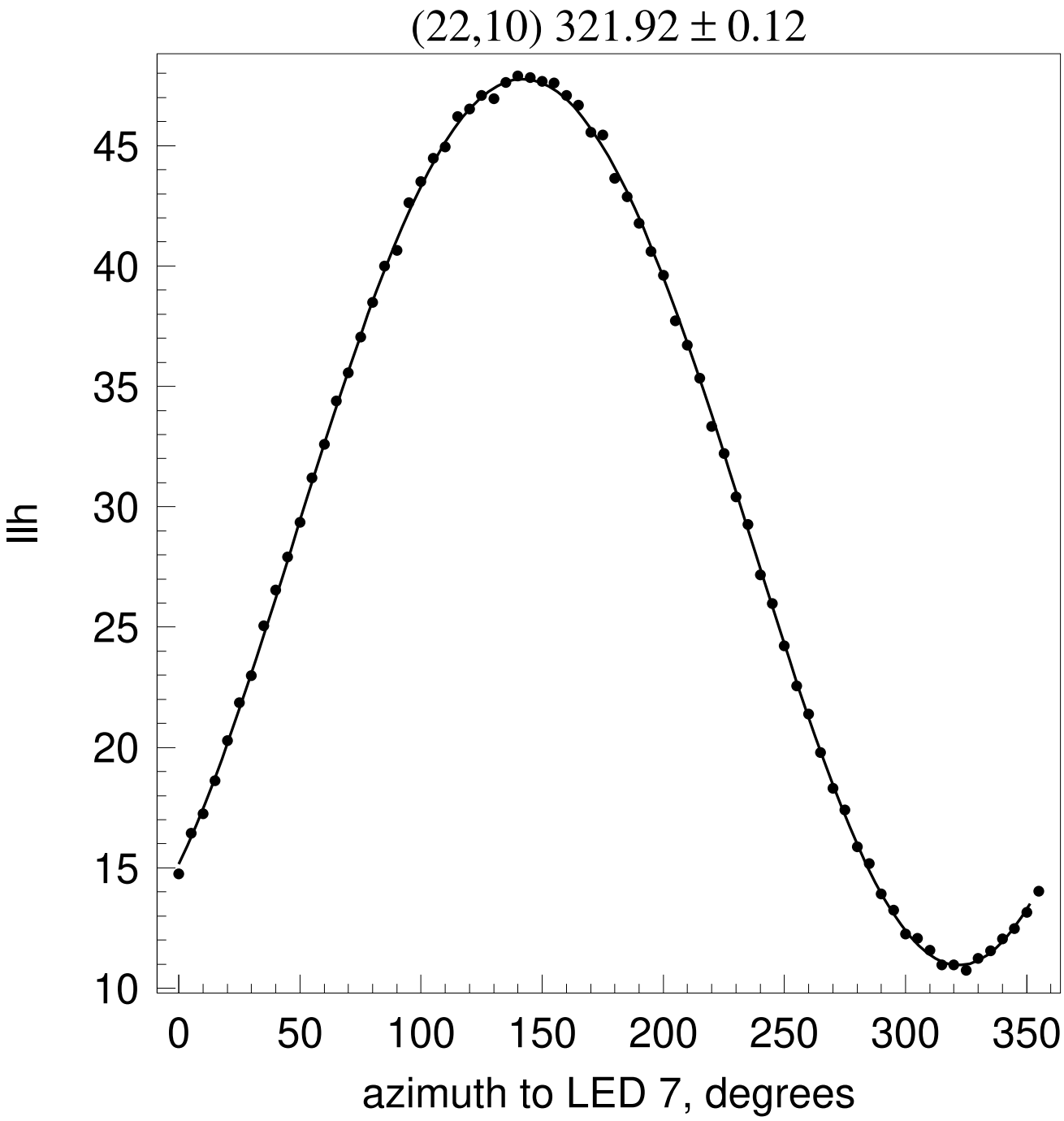

(22,5) 16.03 ± 0.17
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

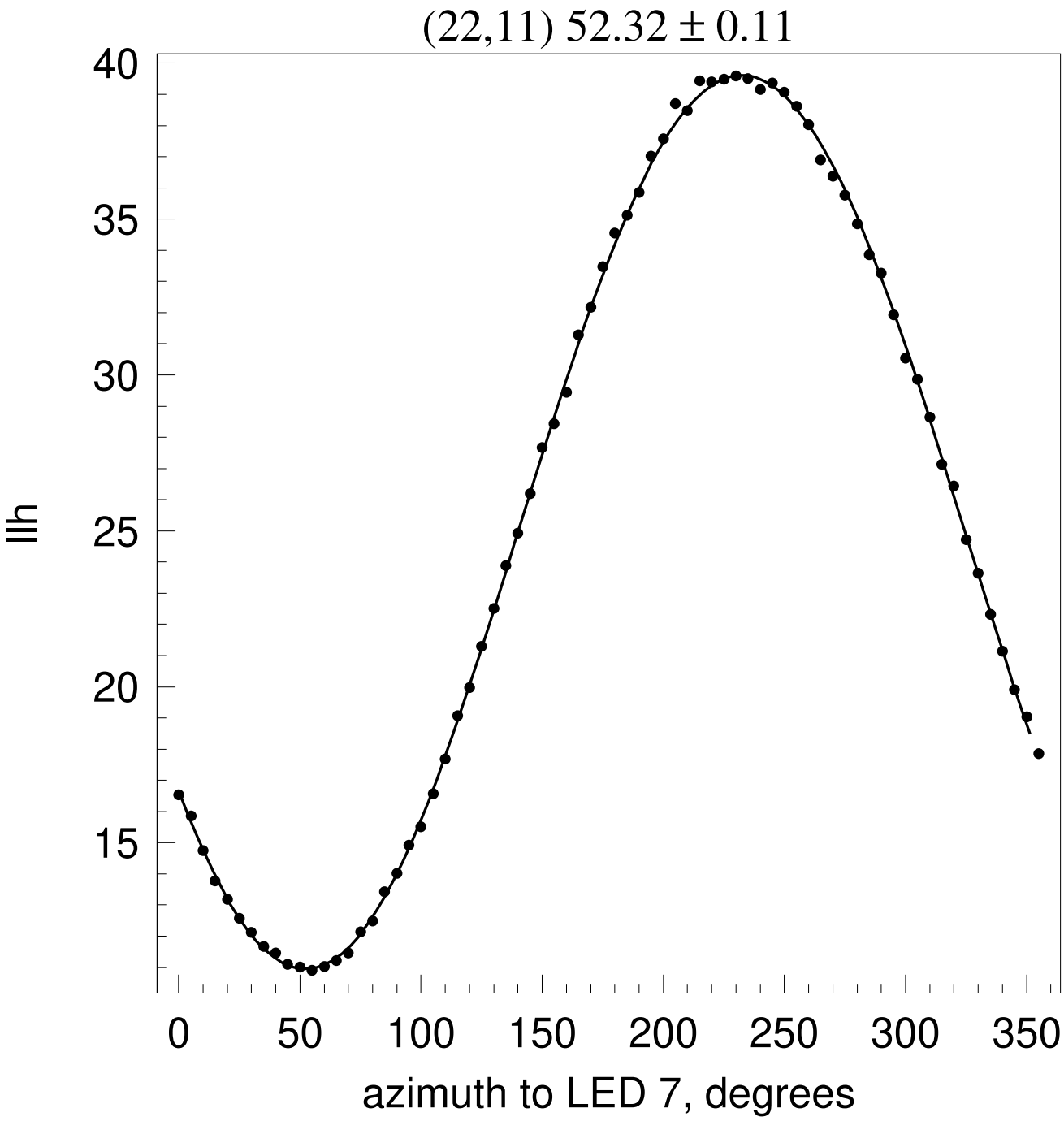

(22,6) 232.49 ± 0.39
24
22
20
18
16
14
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

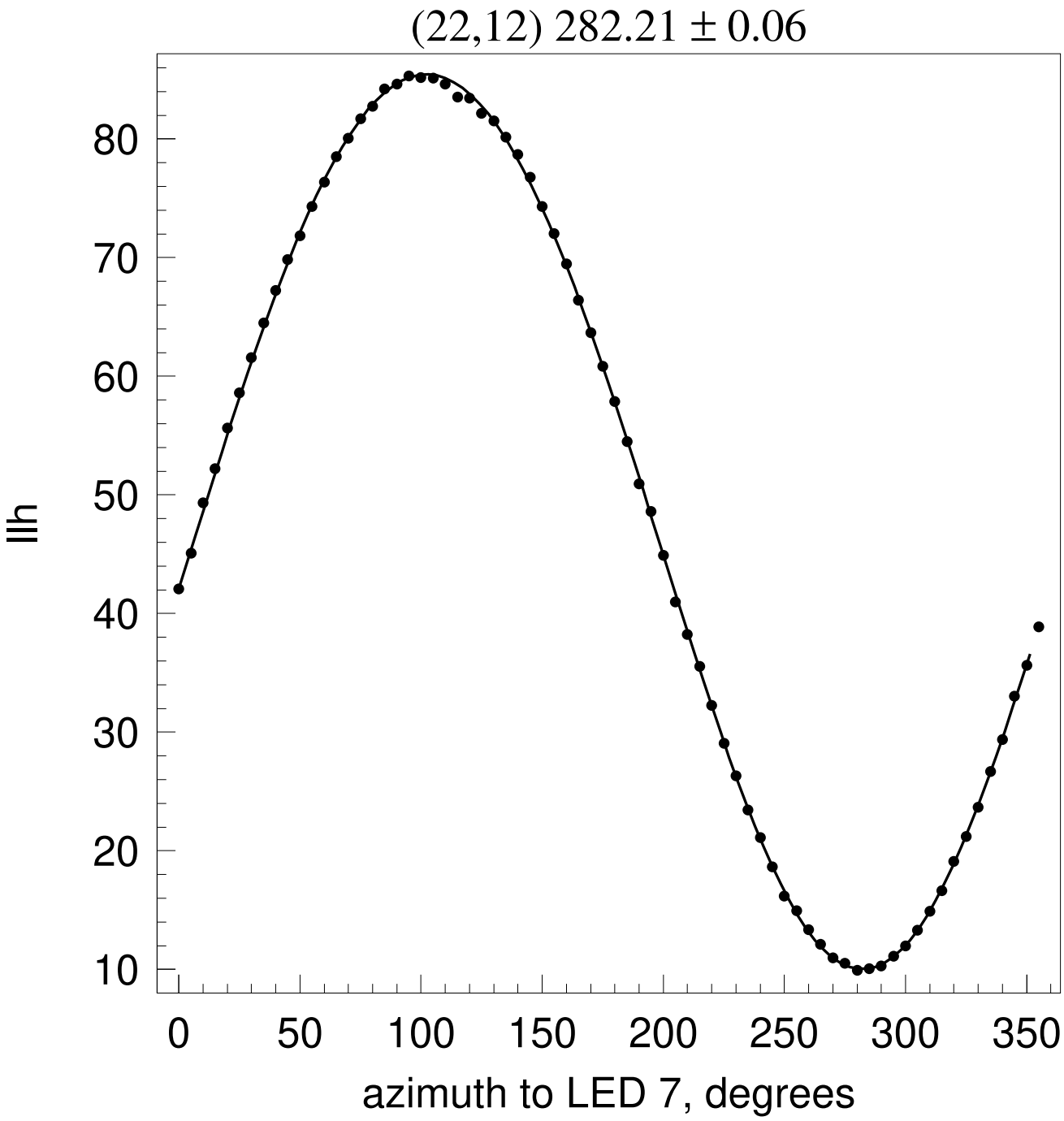

(22,7) 154.34 ± 0.26
28
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

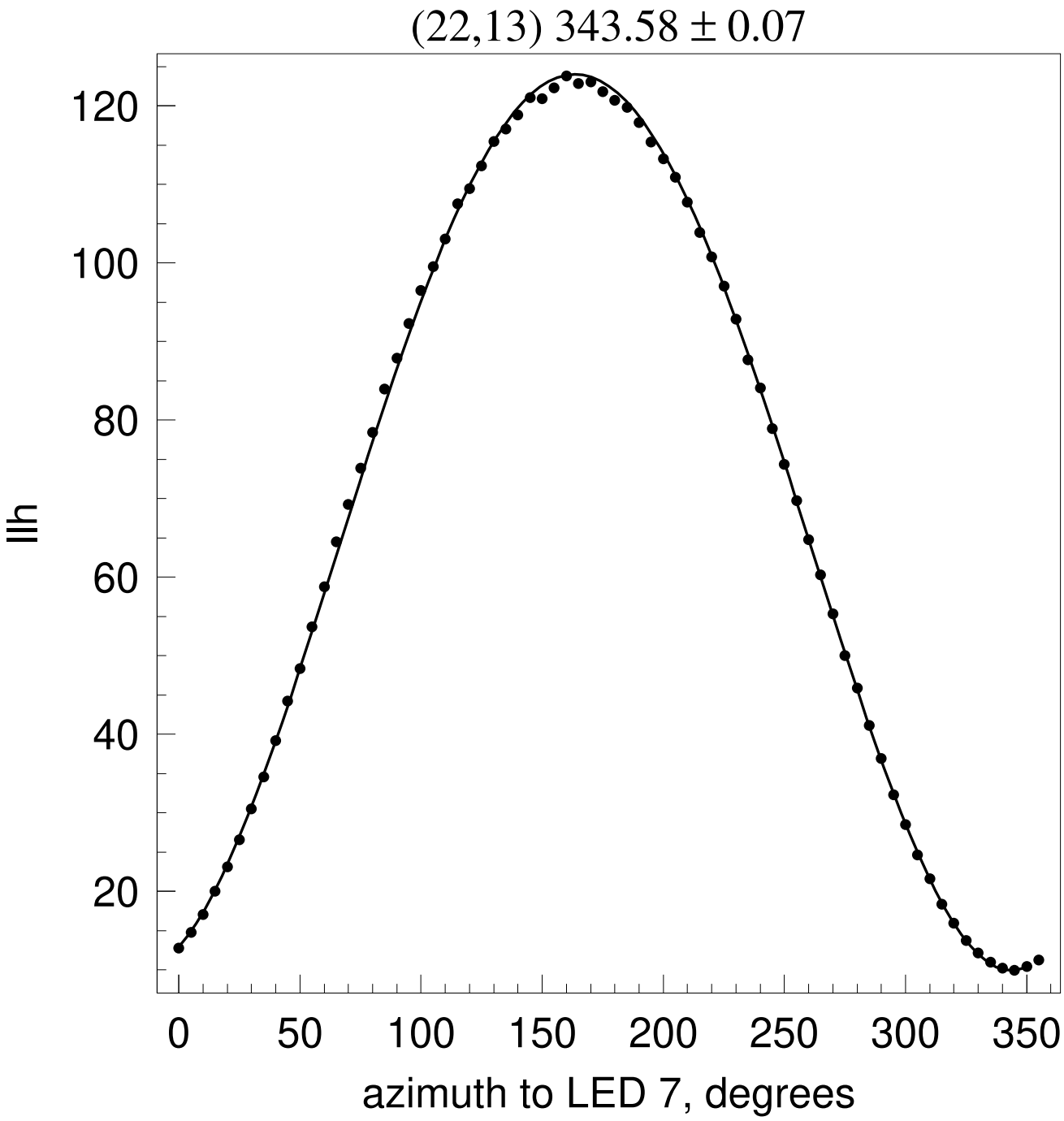

(22,8) 343.37 ± 0.25
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

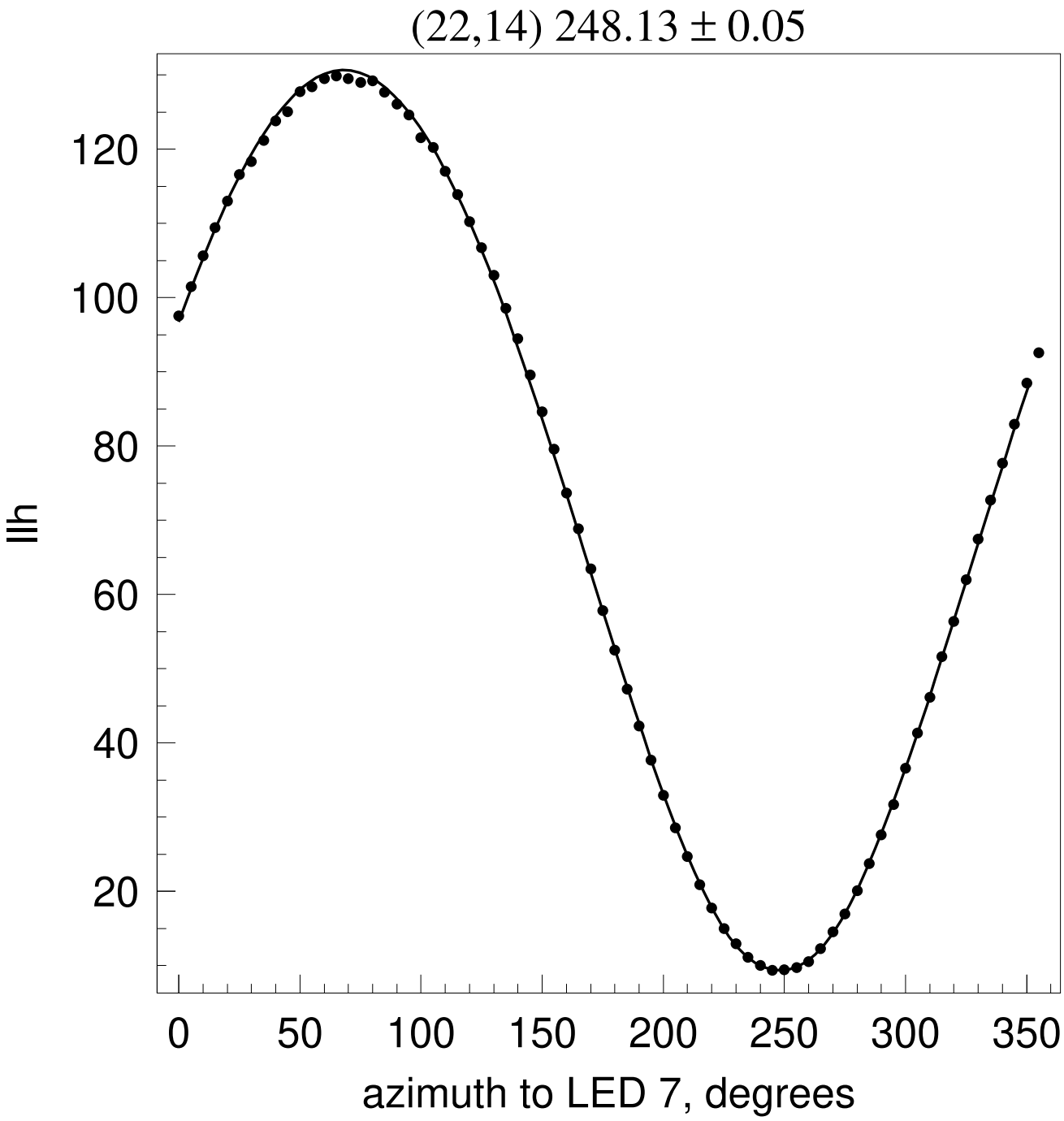

(22,9) 337.50 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

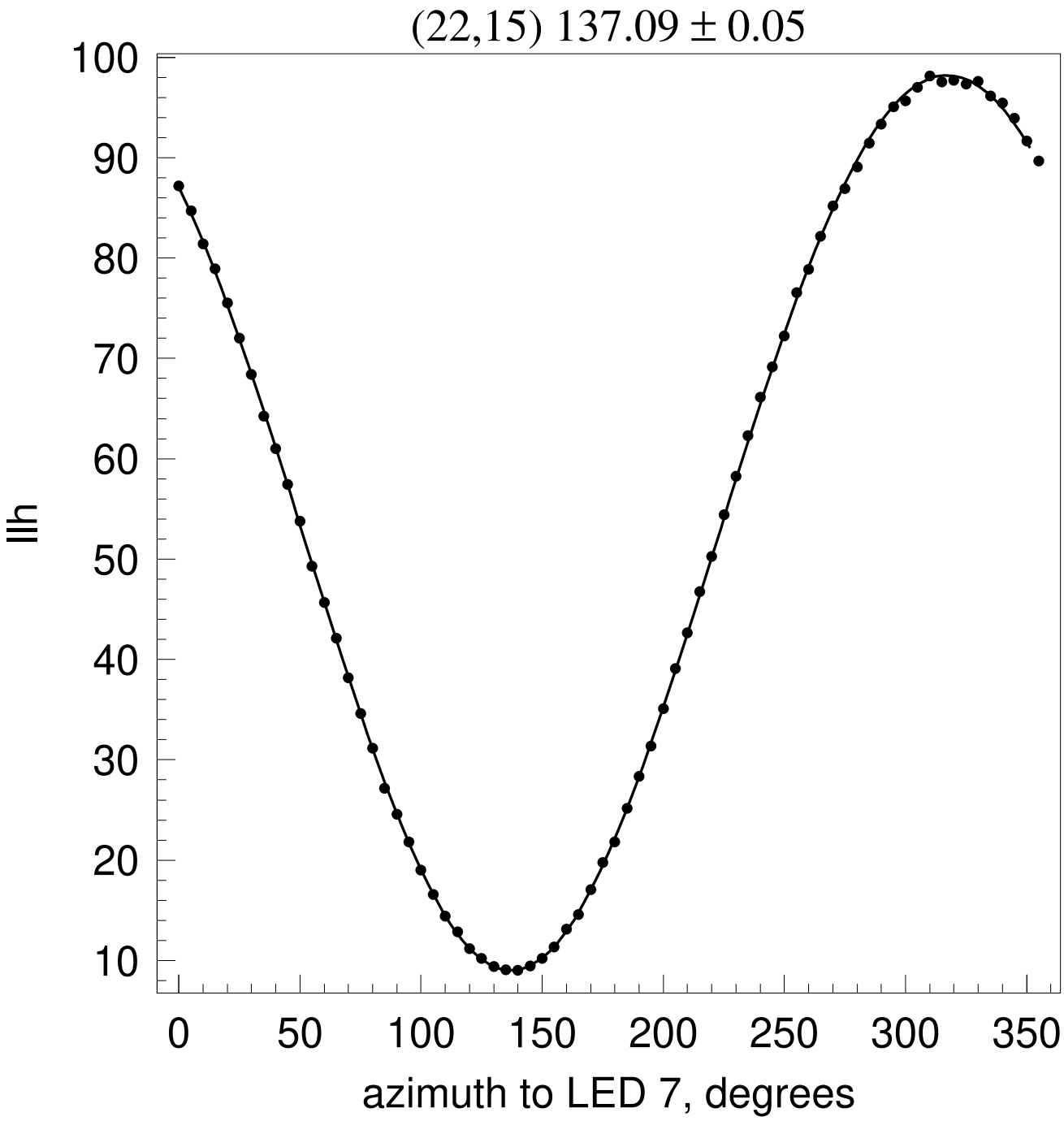

(22,10) 321.92 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

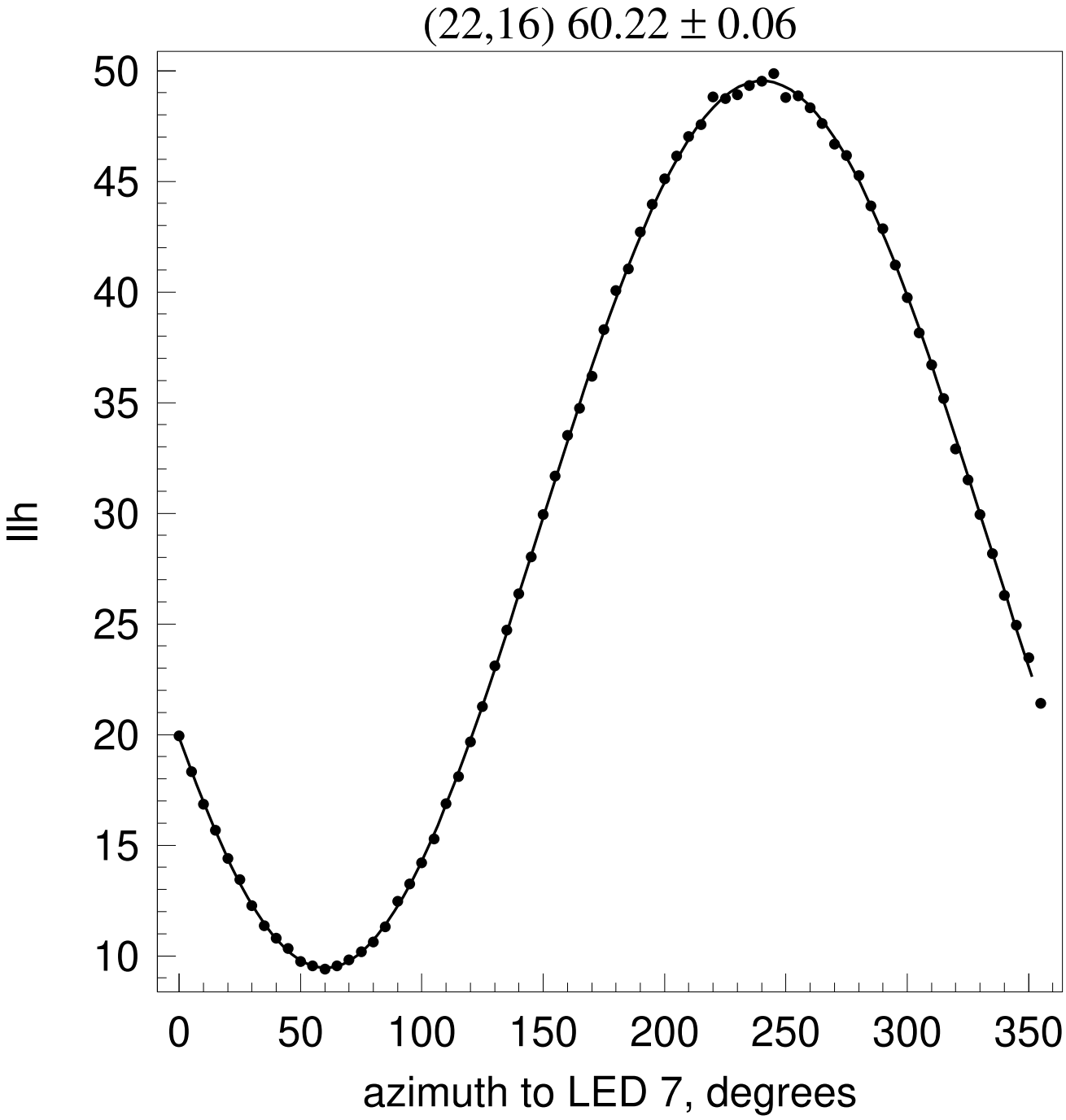

(22,11) 52.32 ± 0.11
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

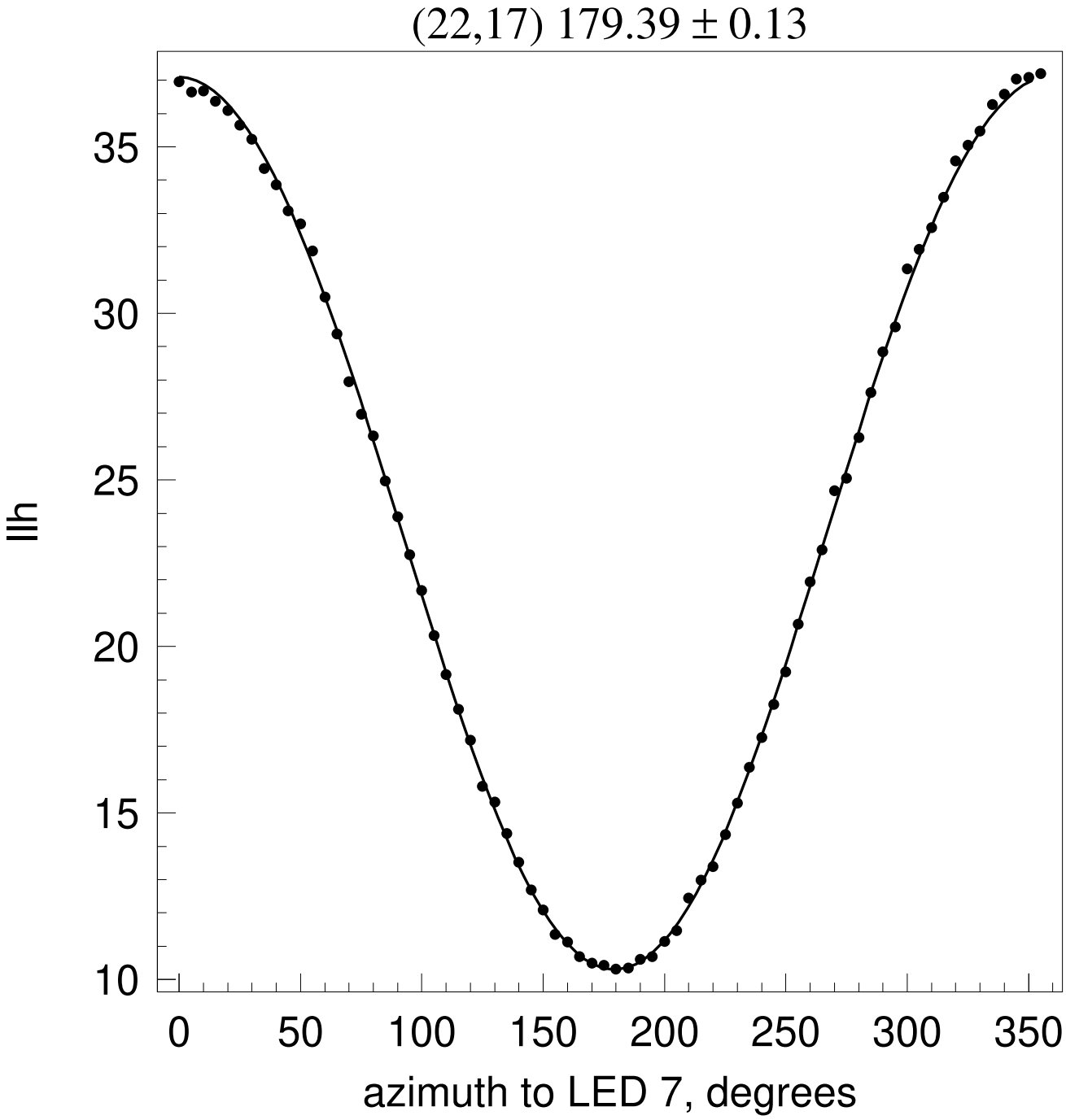

(22,12) 282.21 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

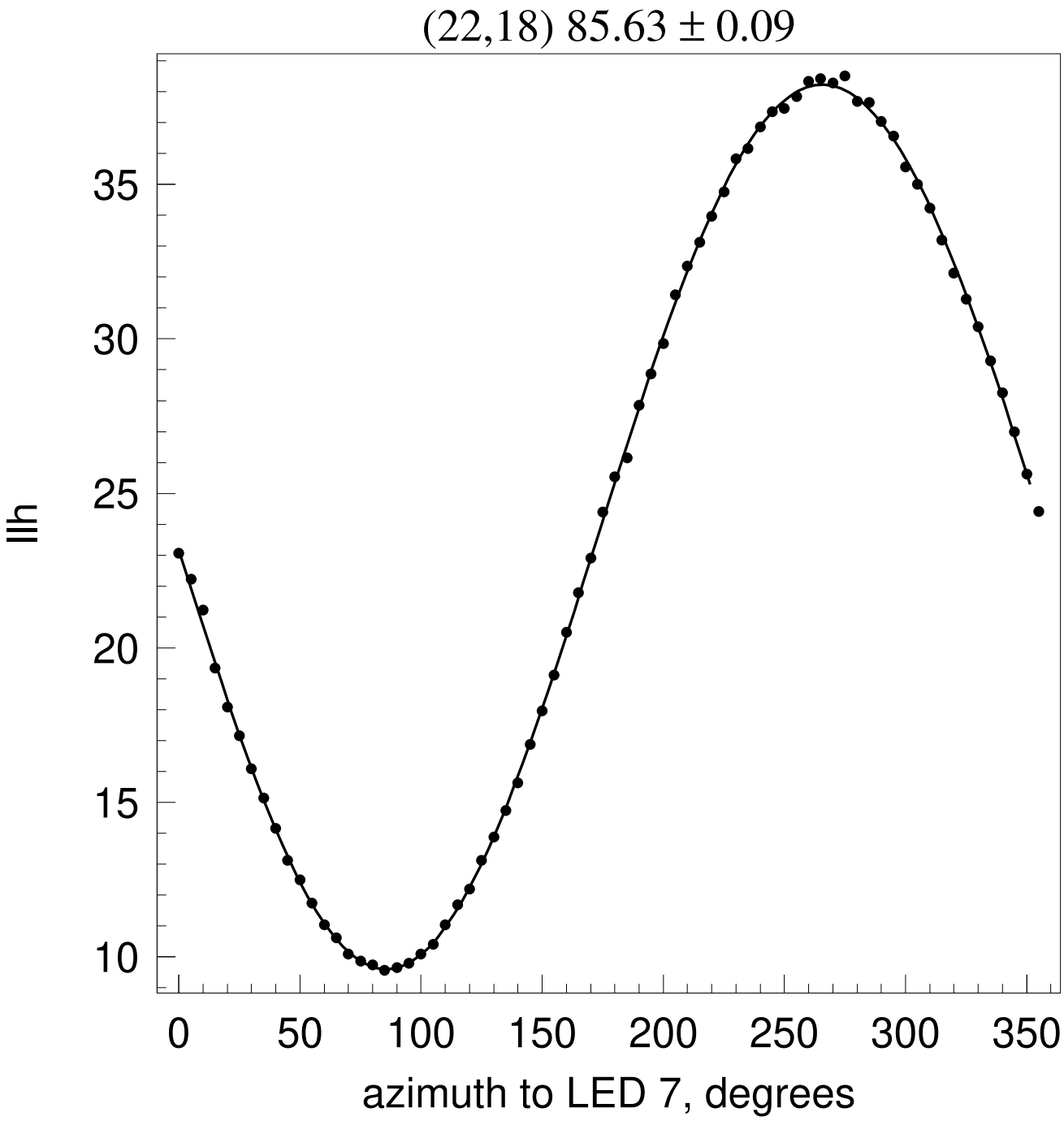

(22,13) 343.58 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

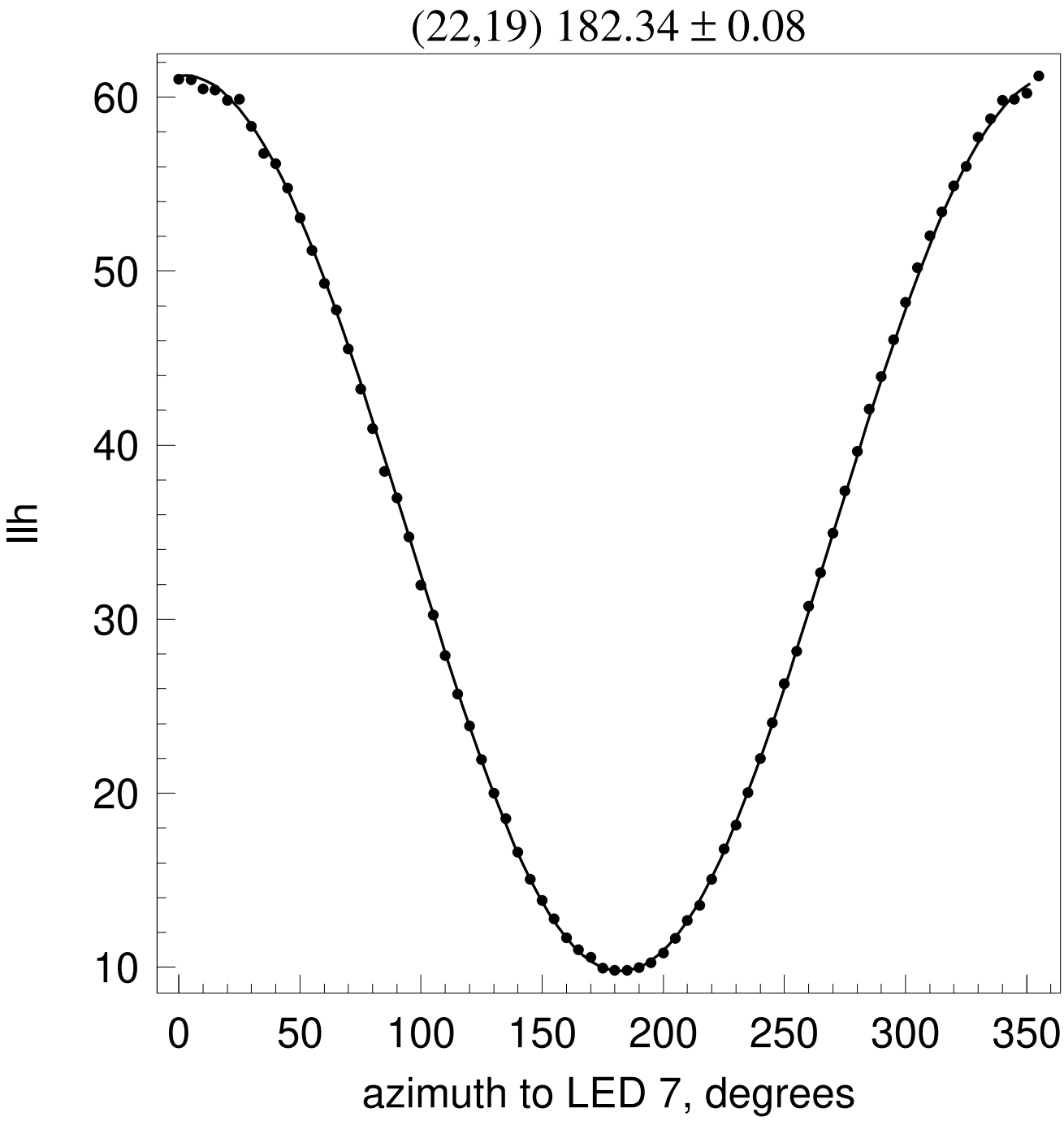

(22,14) 248.13 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

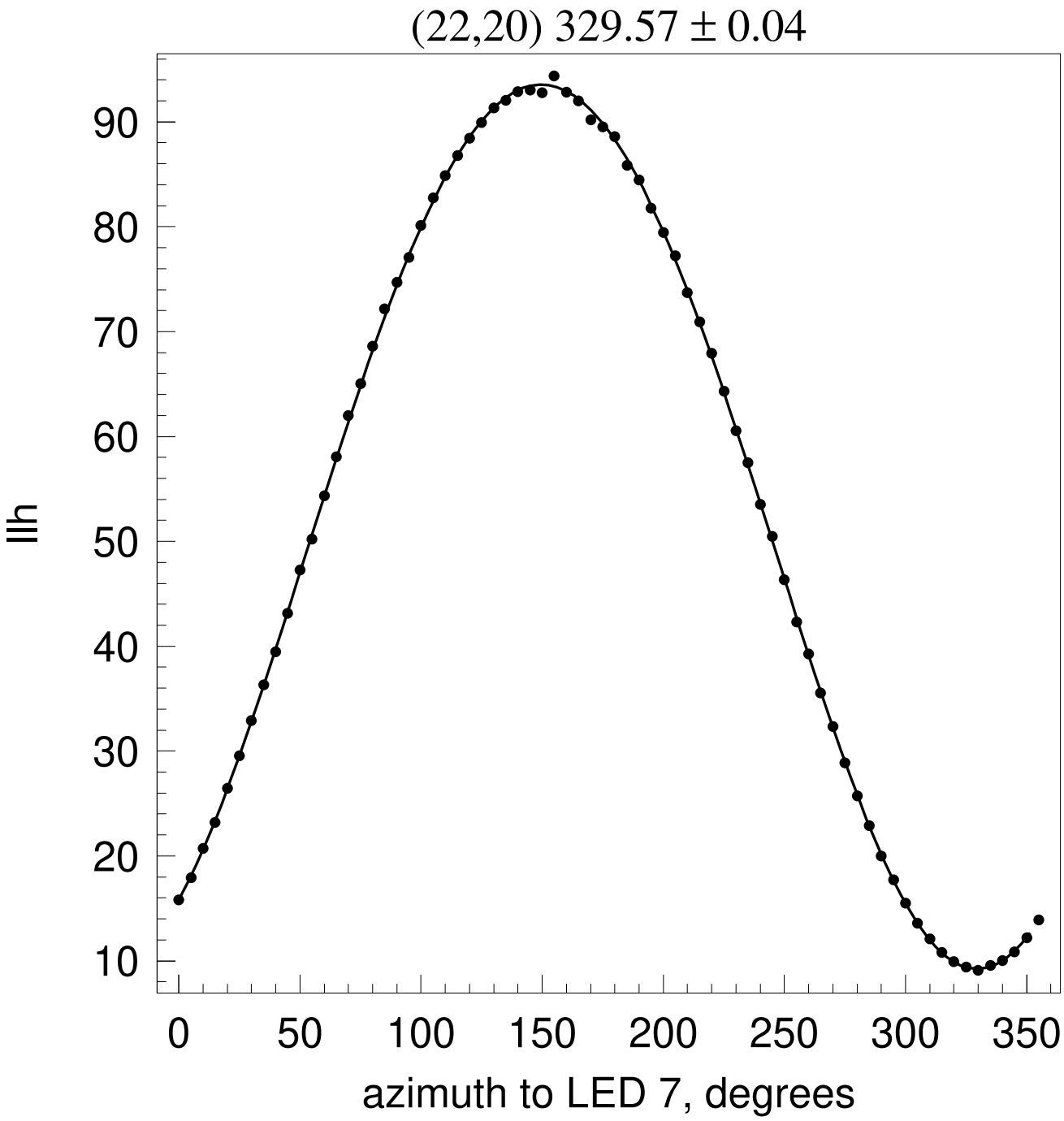

(22,15) 137.09 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

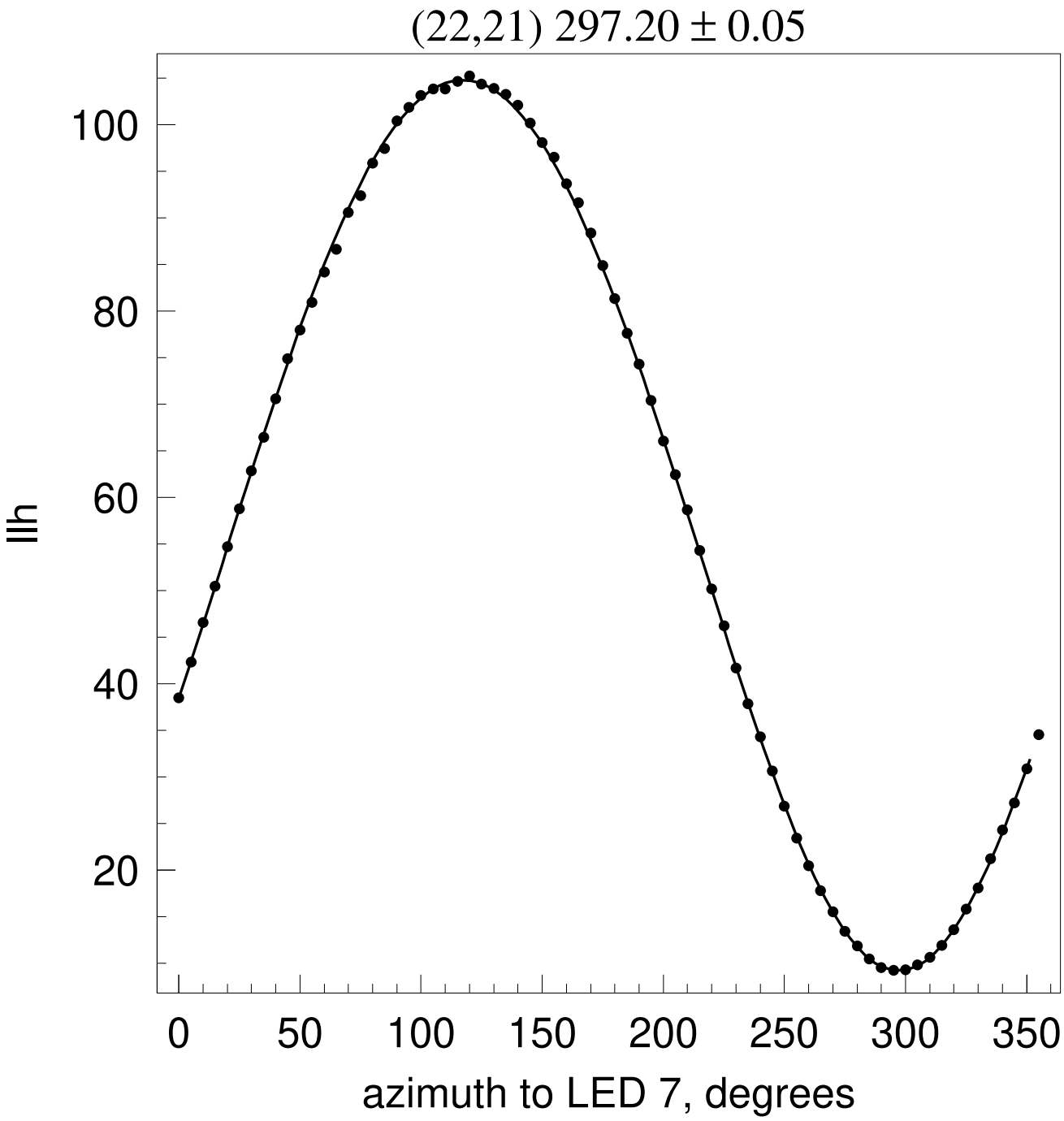

(22,16) 60.22 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

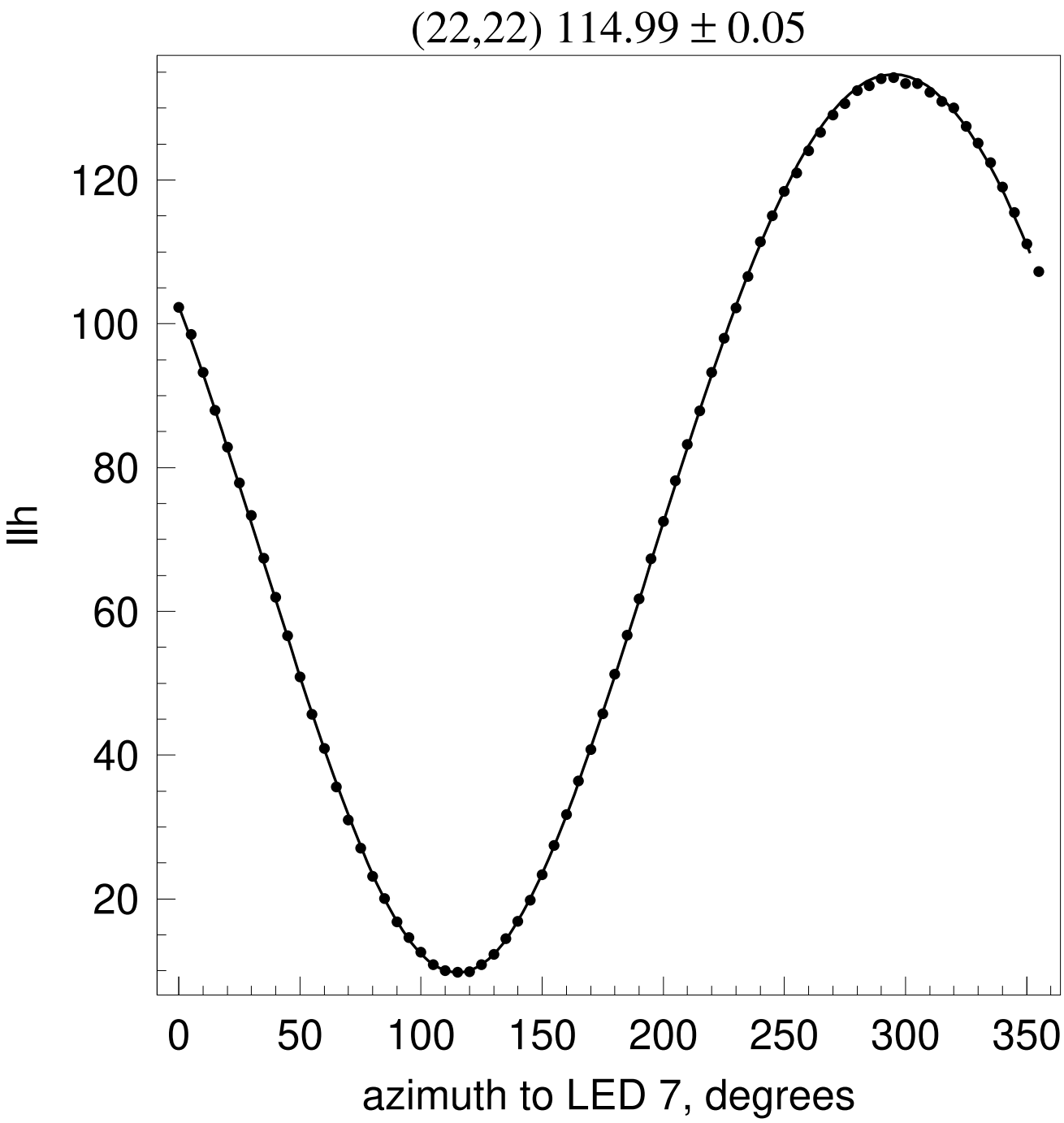

(22,17) 179.39 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

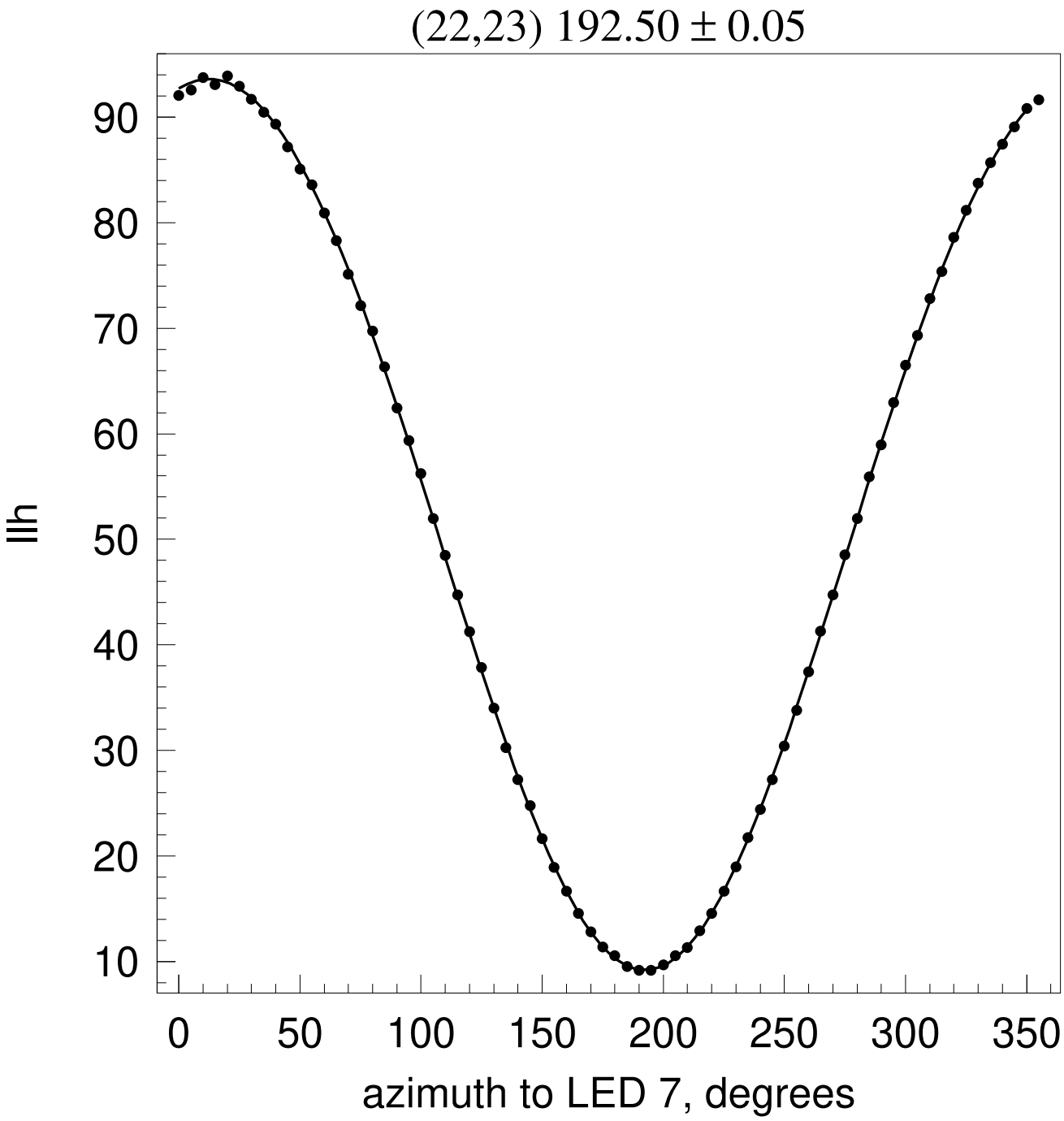

(22,18) 85.63 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

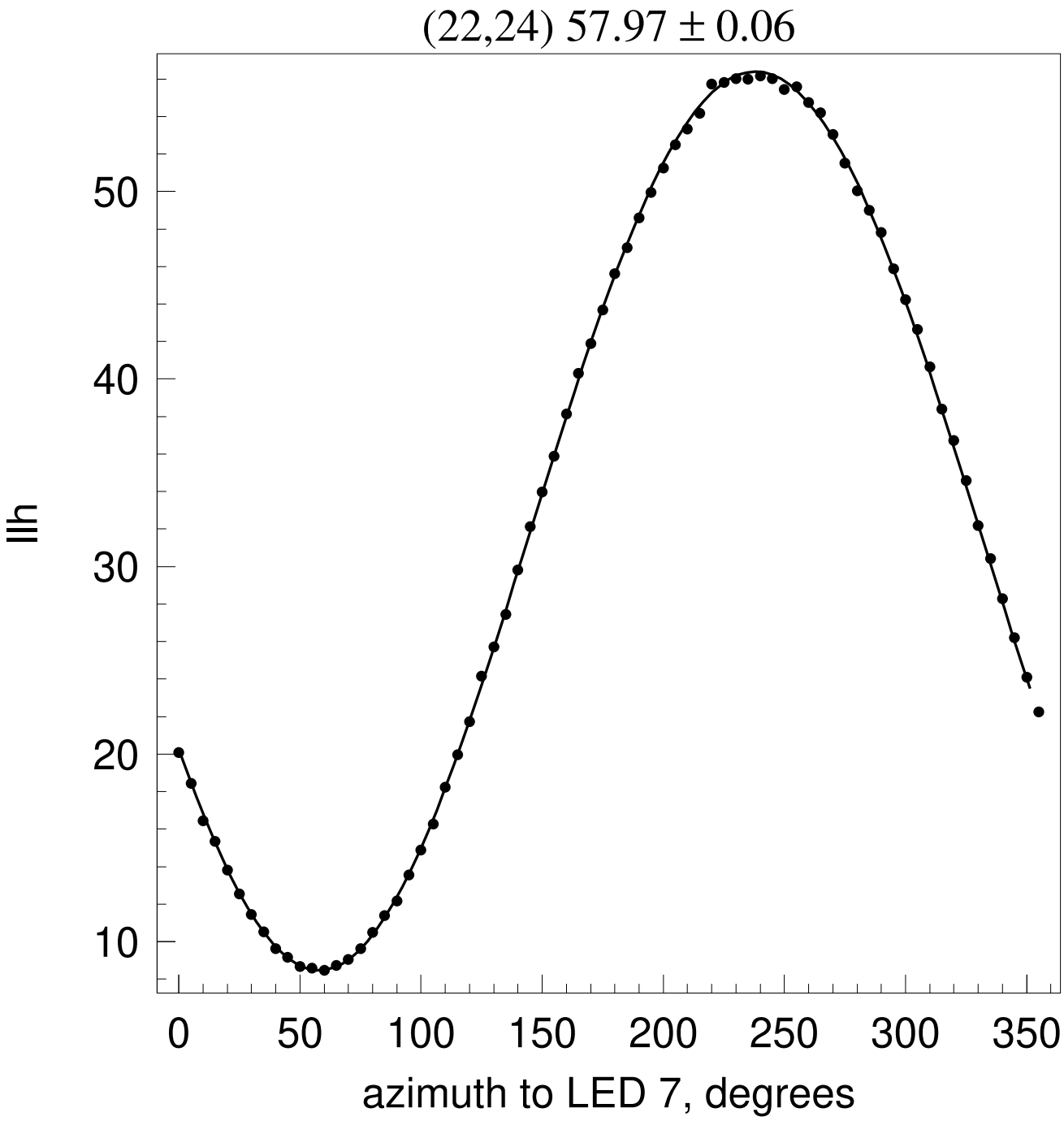

(22,19) 182.34 ± 0.08
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

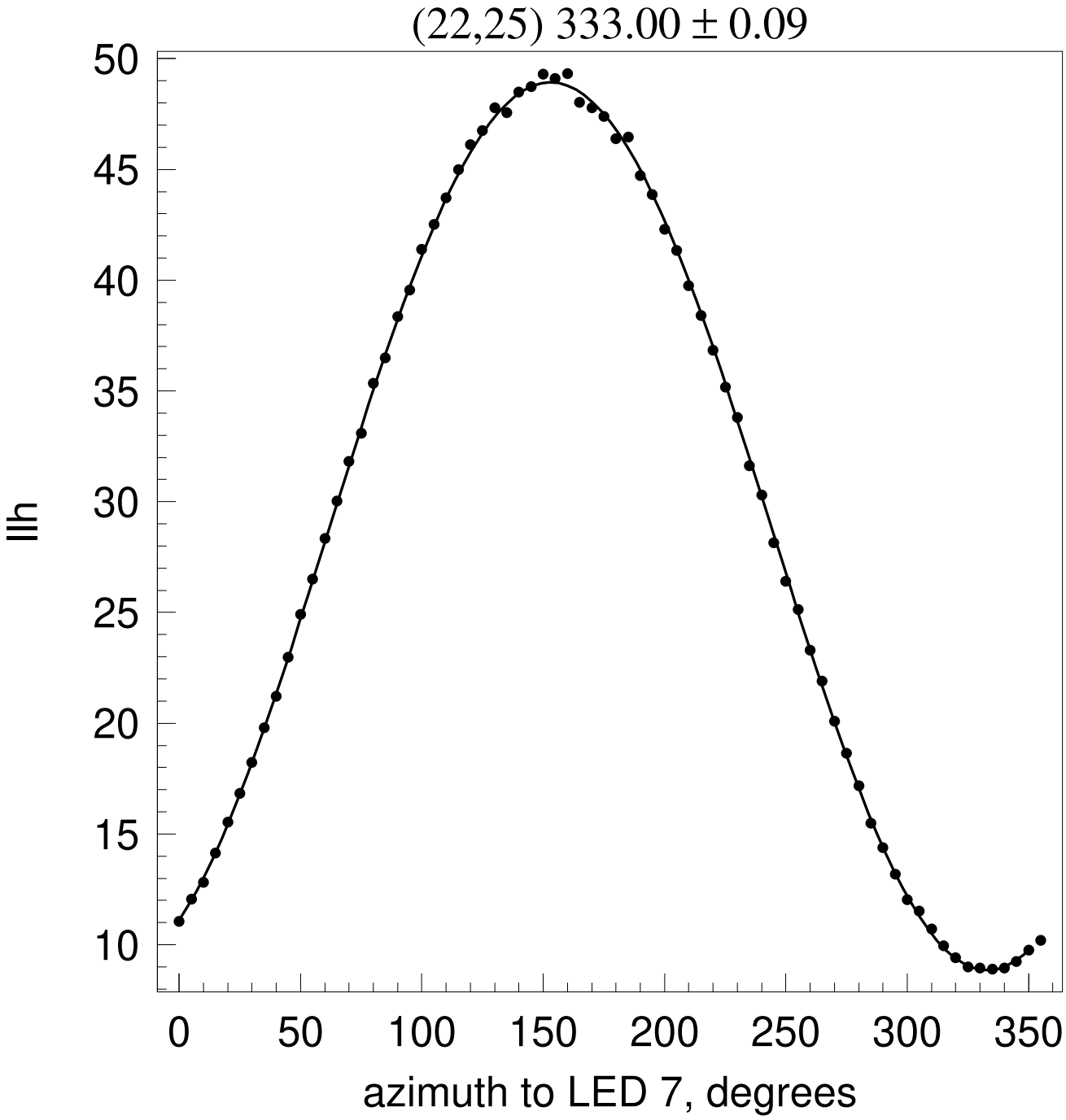

(22,20) 329.57 ± 0.04
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

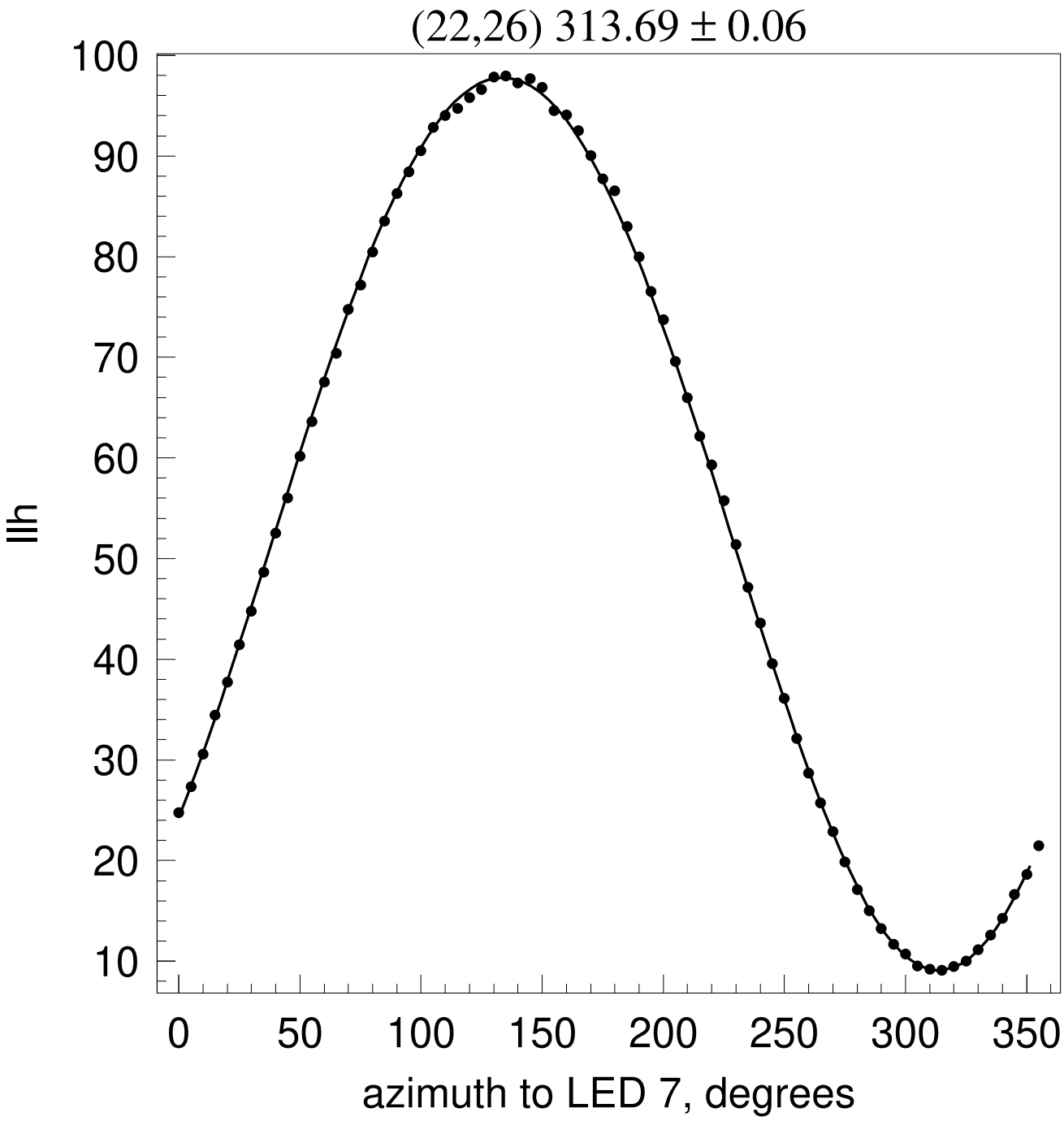

(22,21) 297.20 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

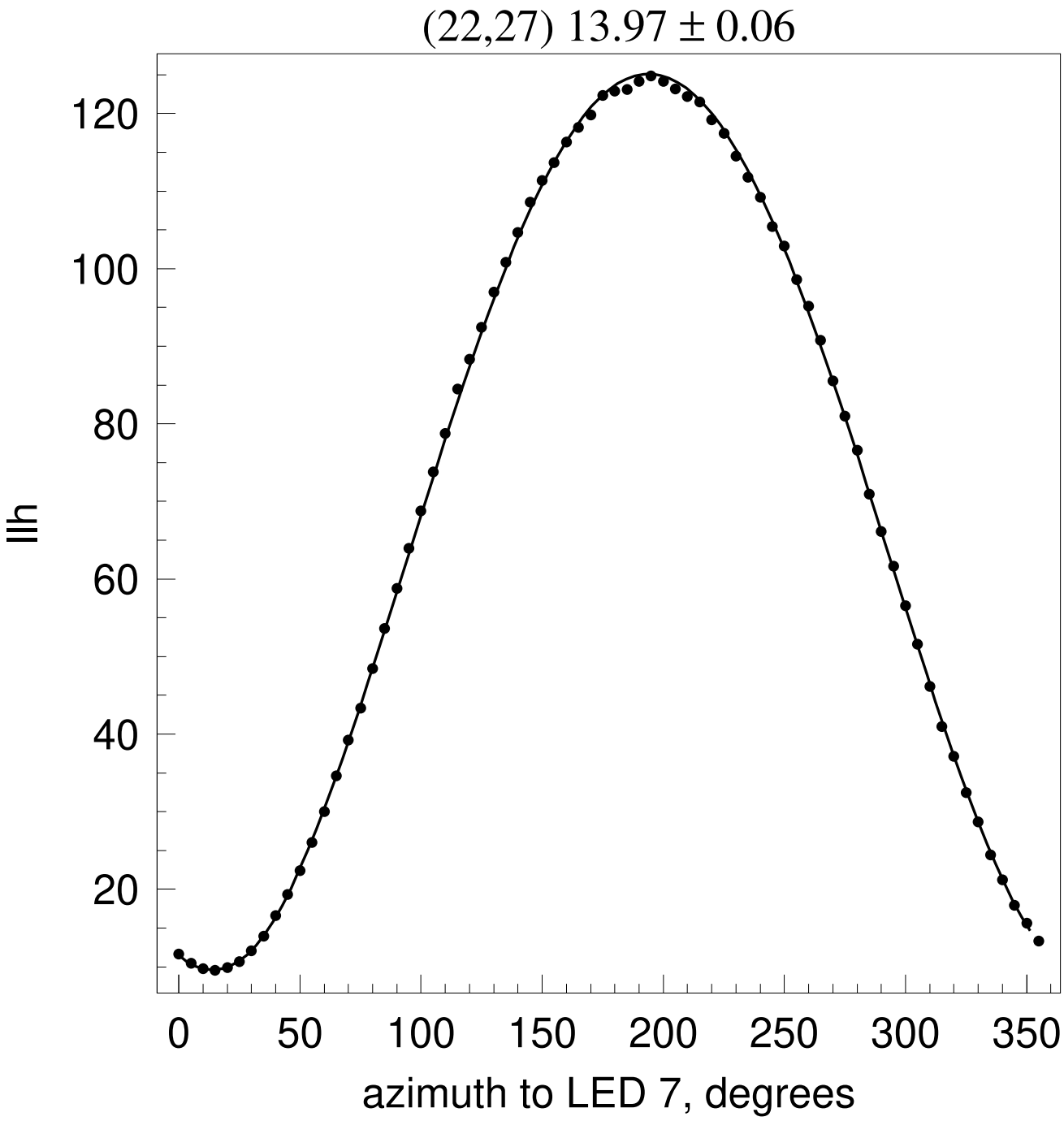

(22,22) 114.99 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

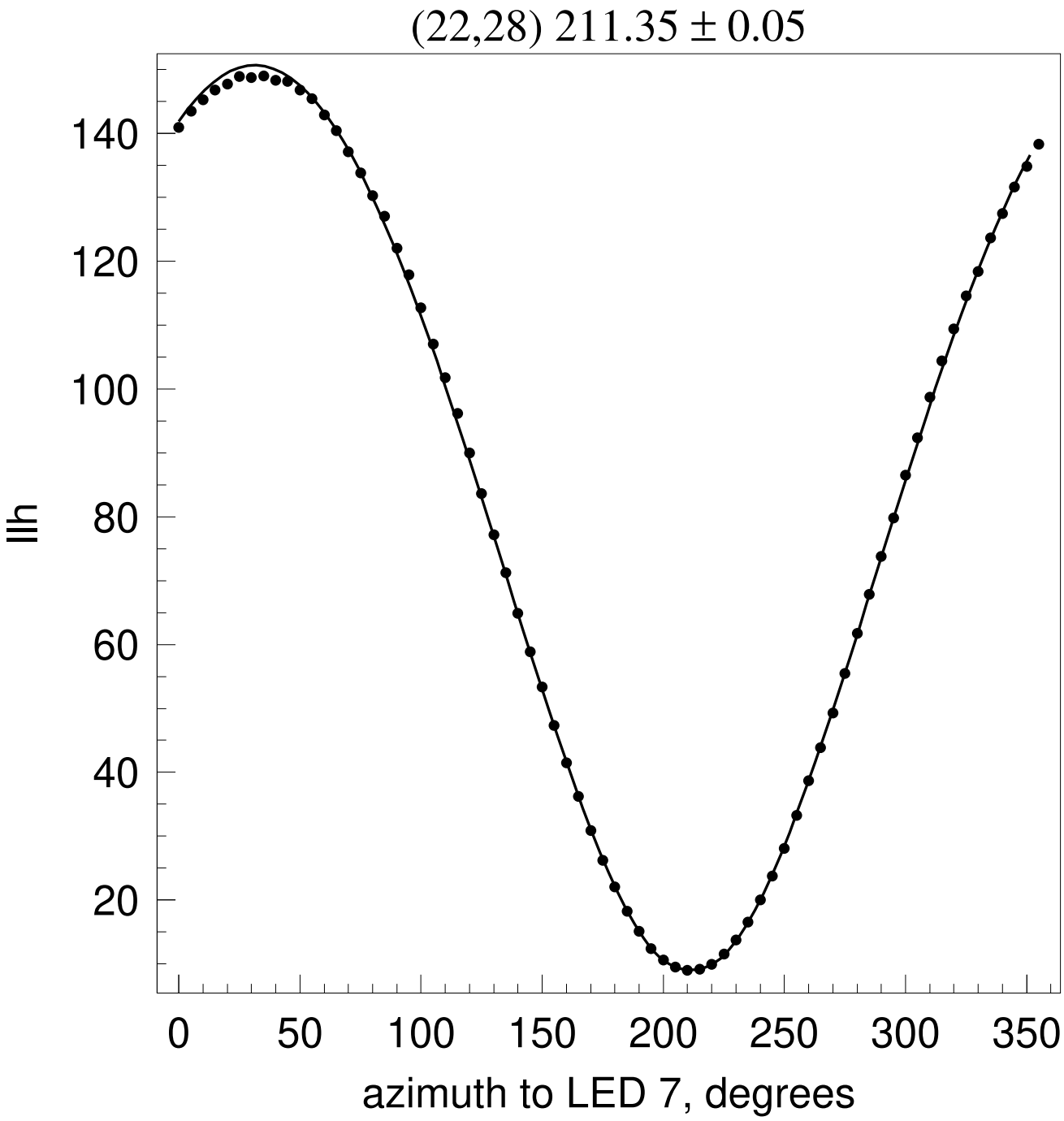

(22,23) 192.50 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

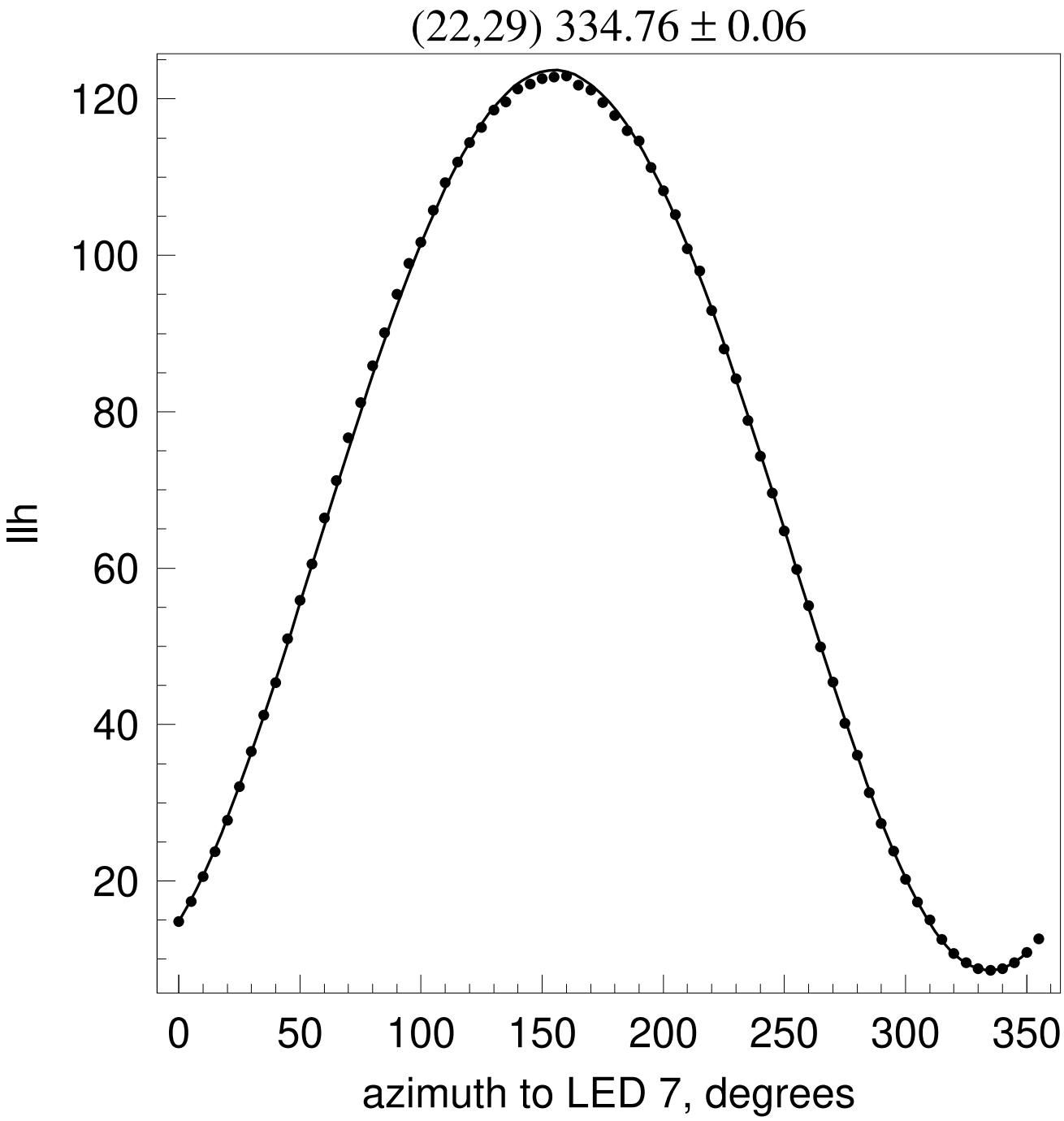

(22,24) 57.97 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

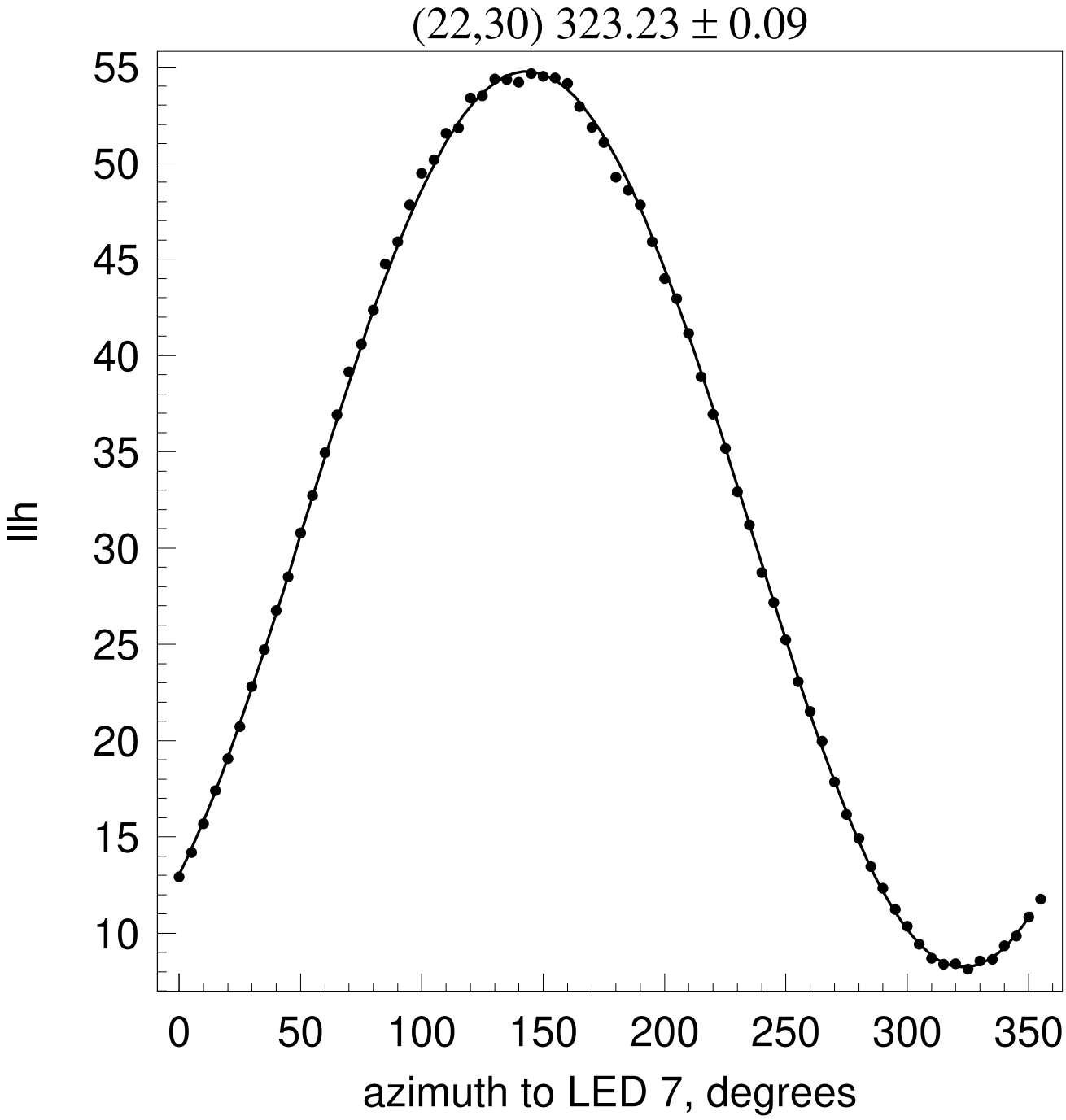

(22,25) 333.00 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

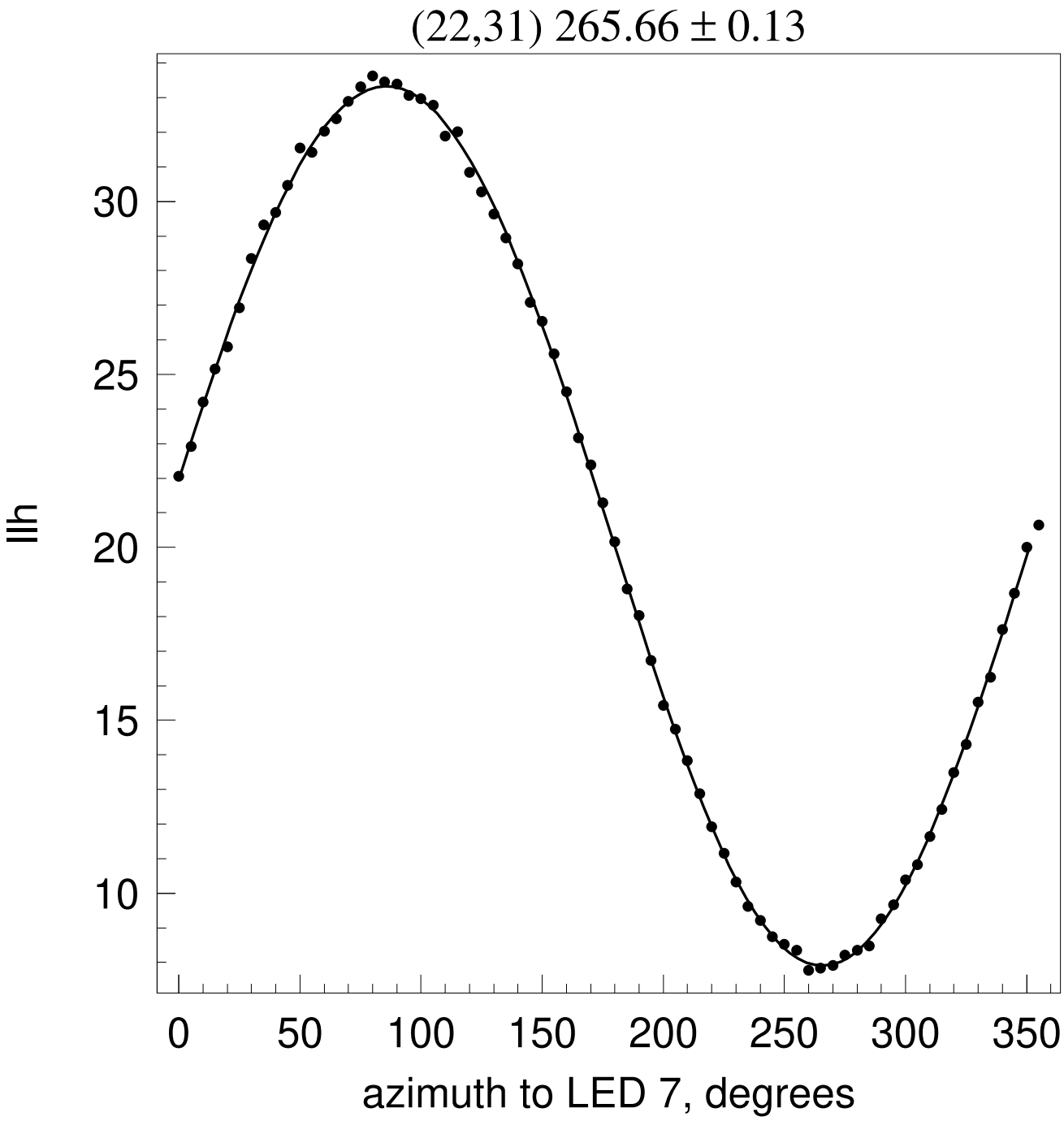

(22,26) 313.69 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

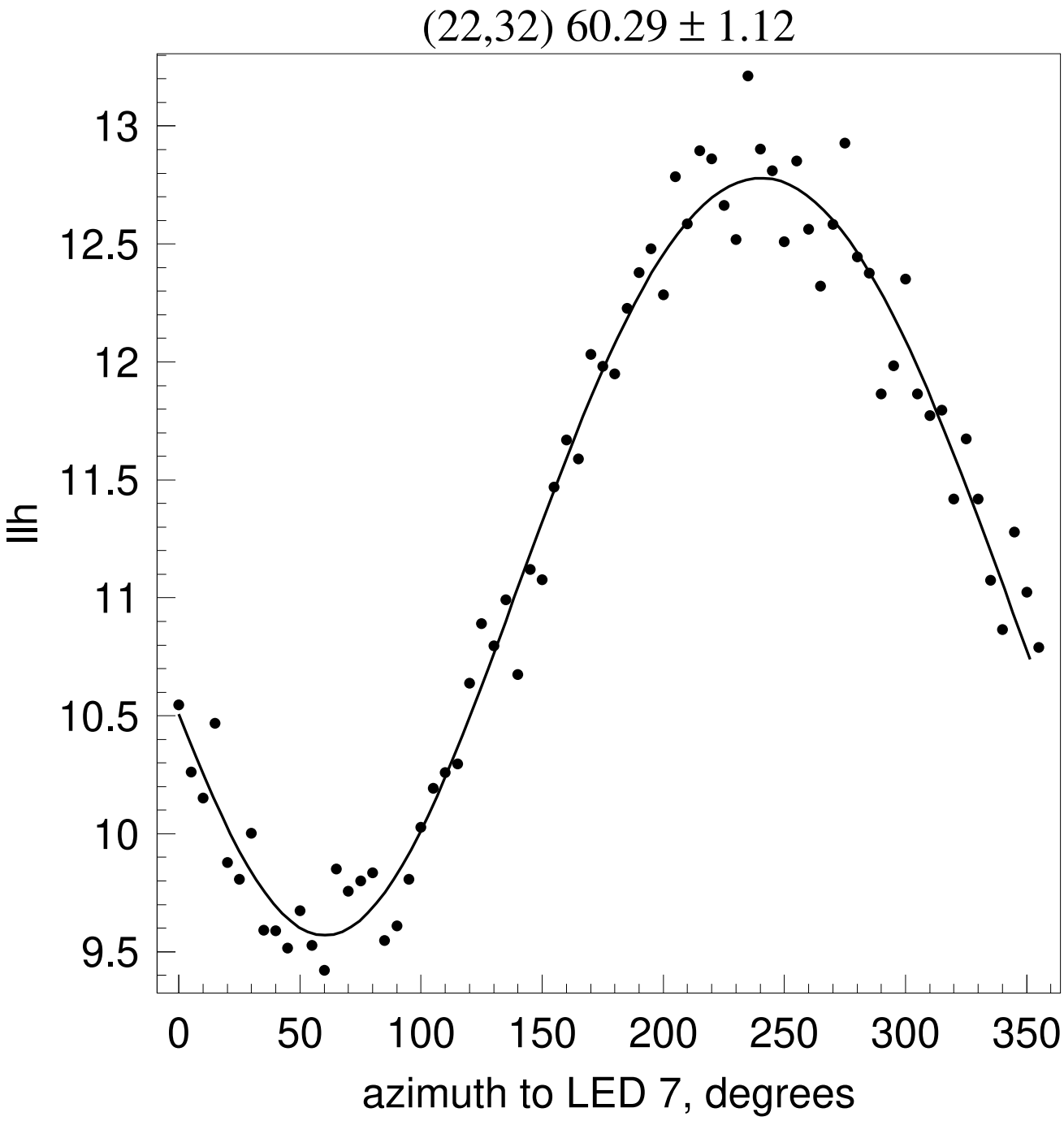

(22,27) 13.97 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

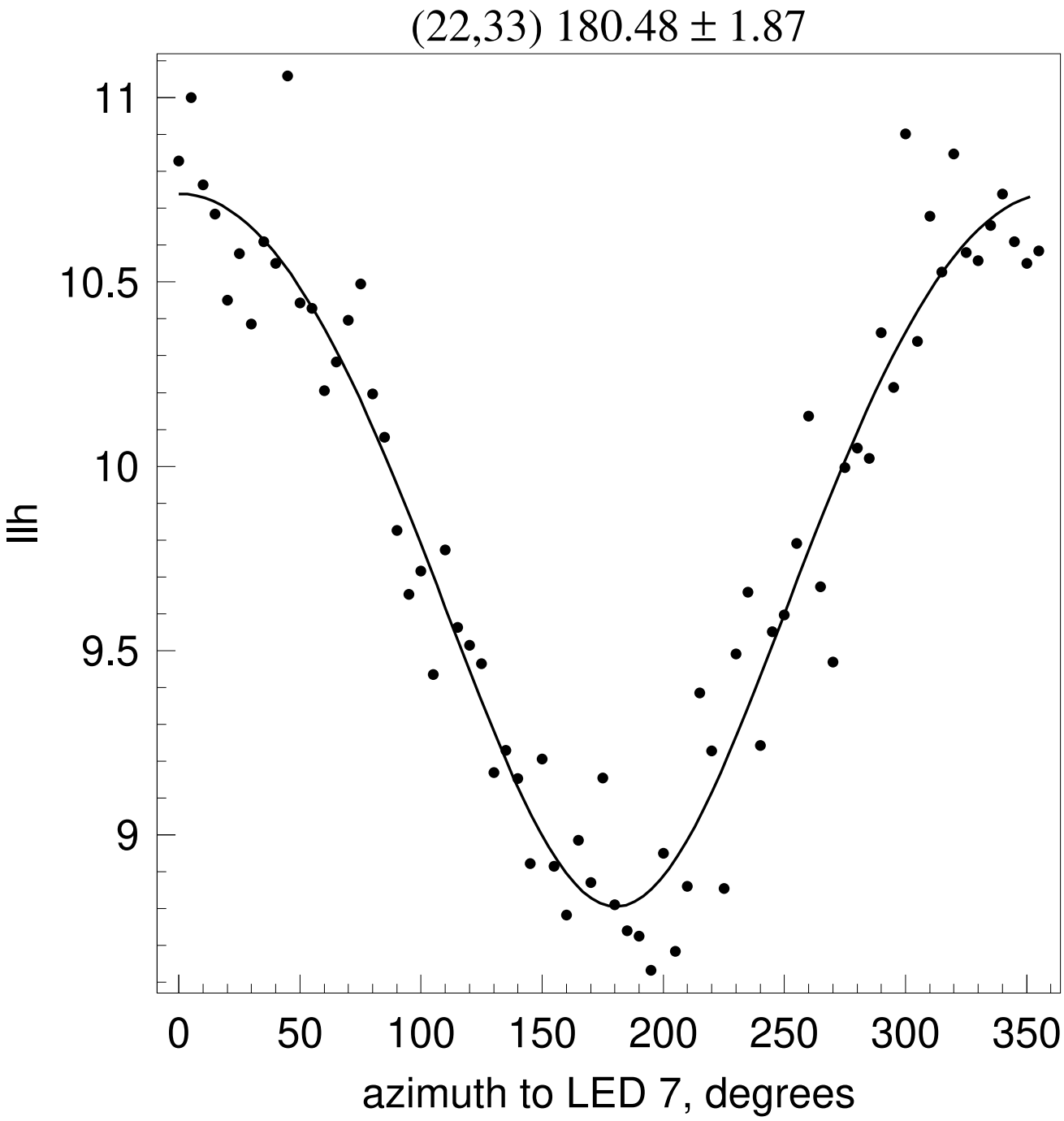

(22,28) 211.35 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

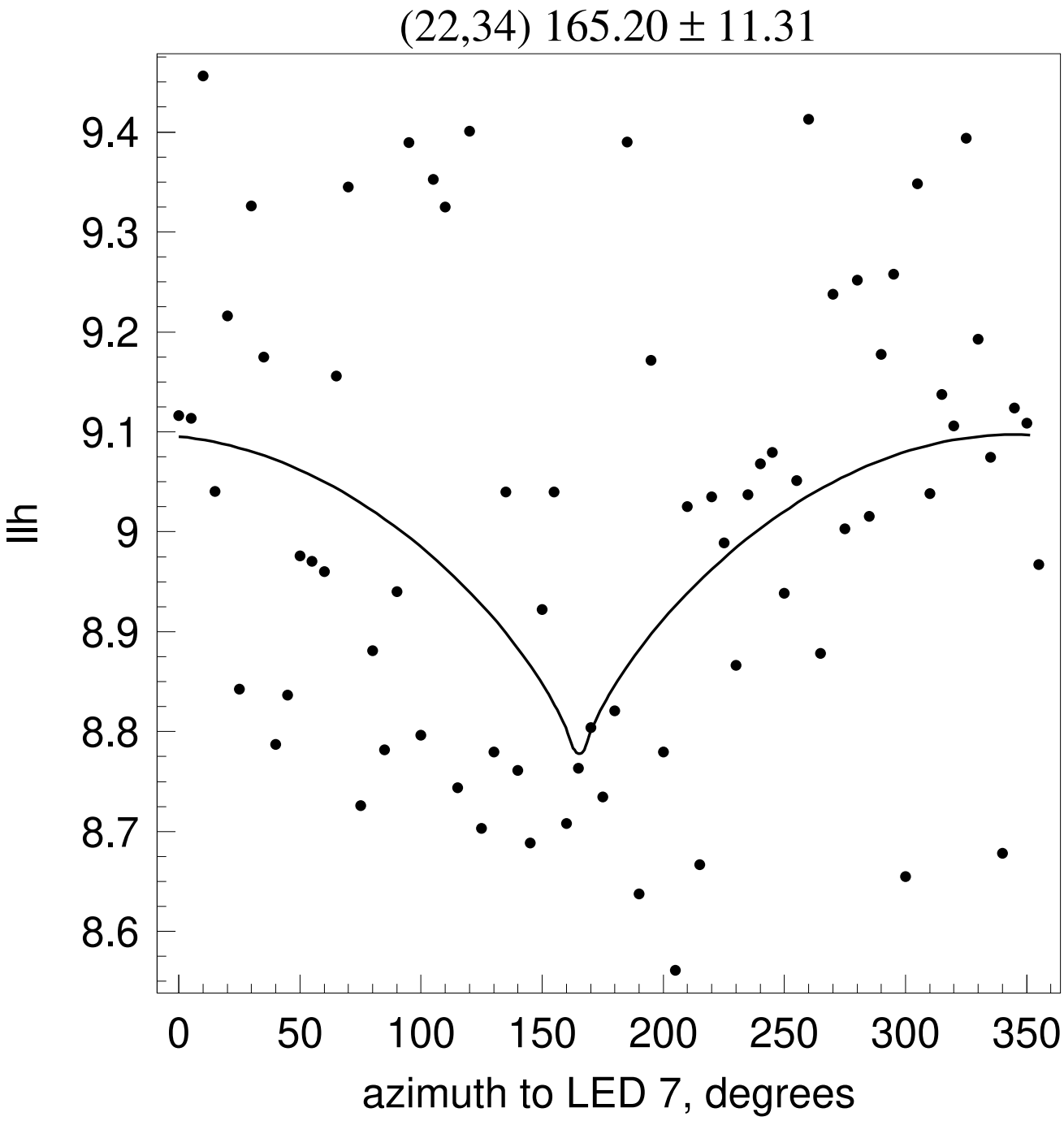

(22,29) 334.76 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

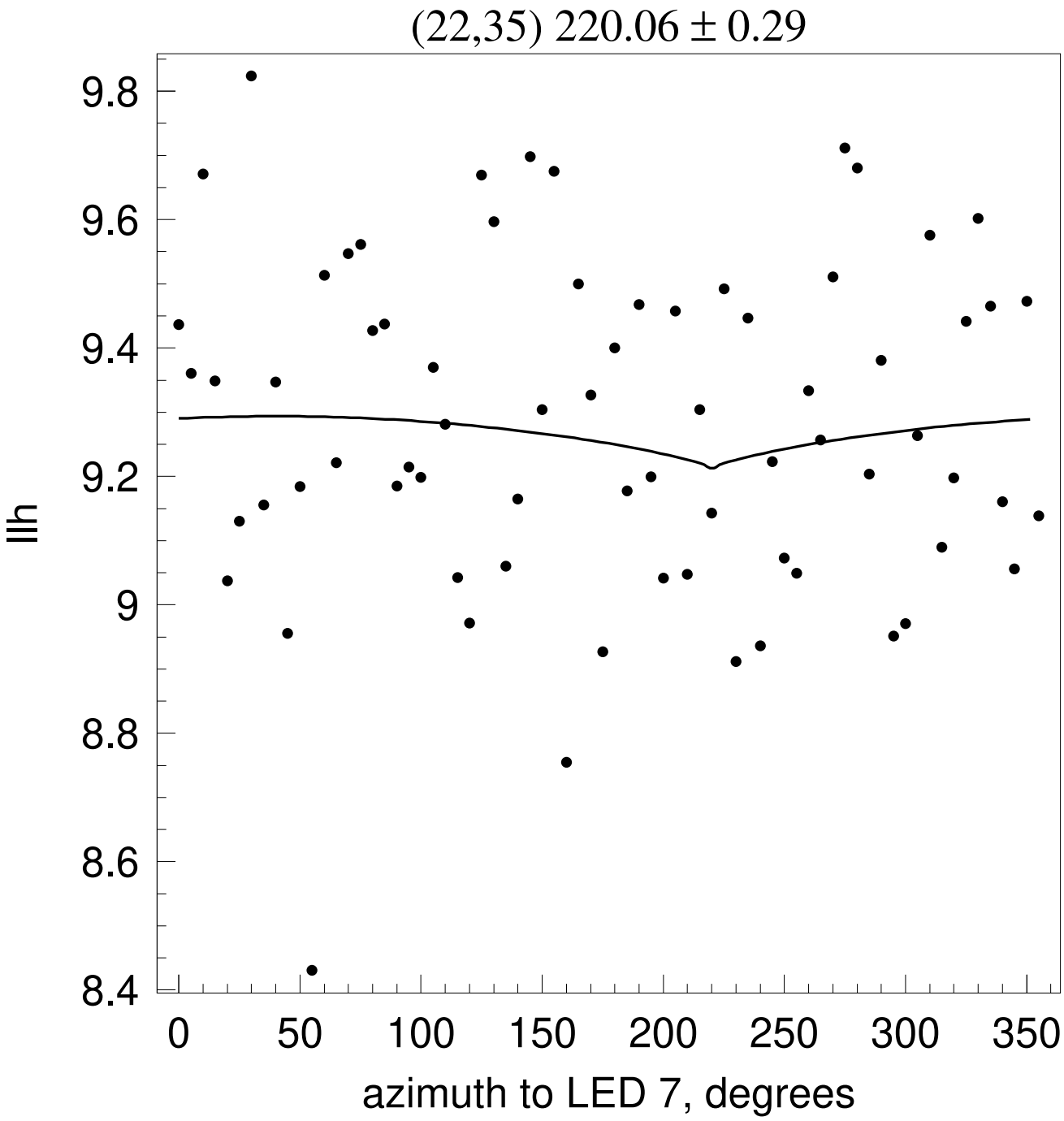

(22,30) 323.23 ± 0.09
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

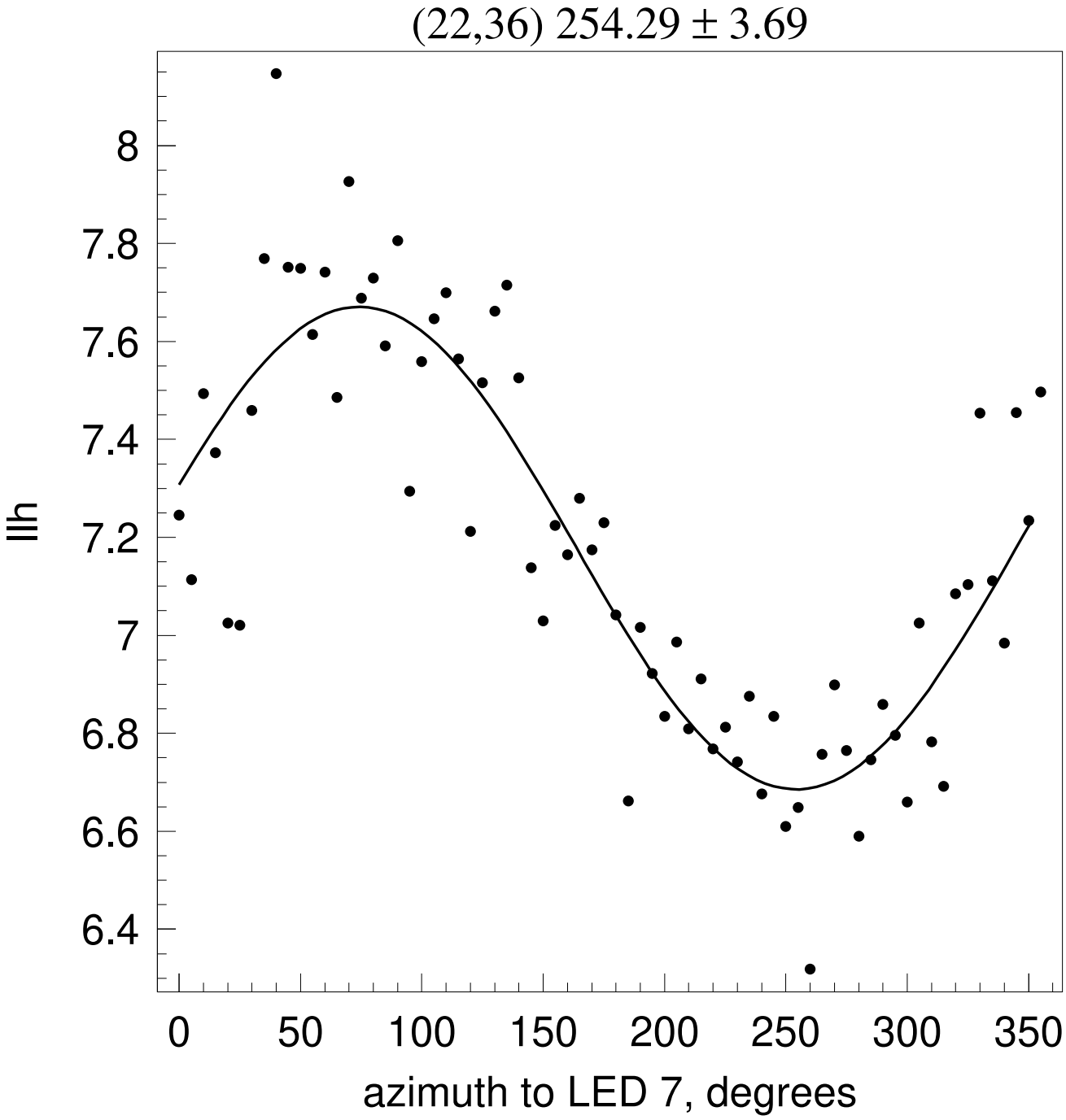

(22,31) 265.66 ± 0.13
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

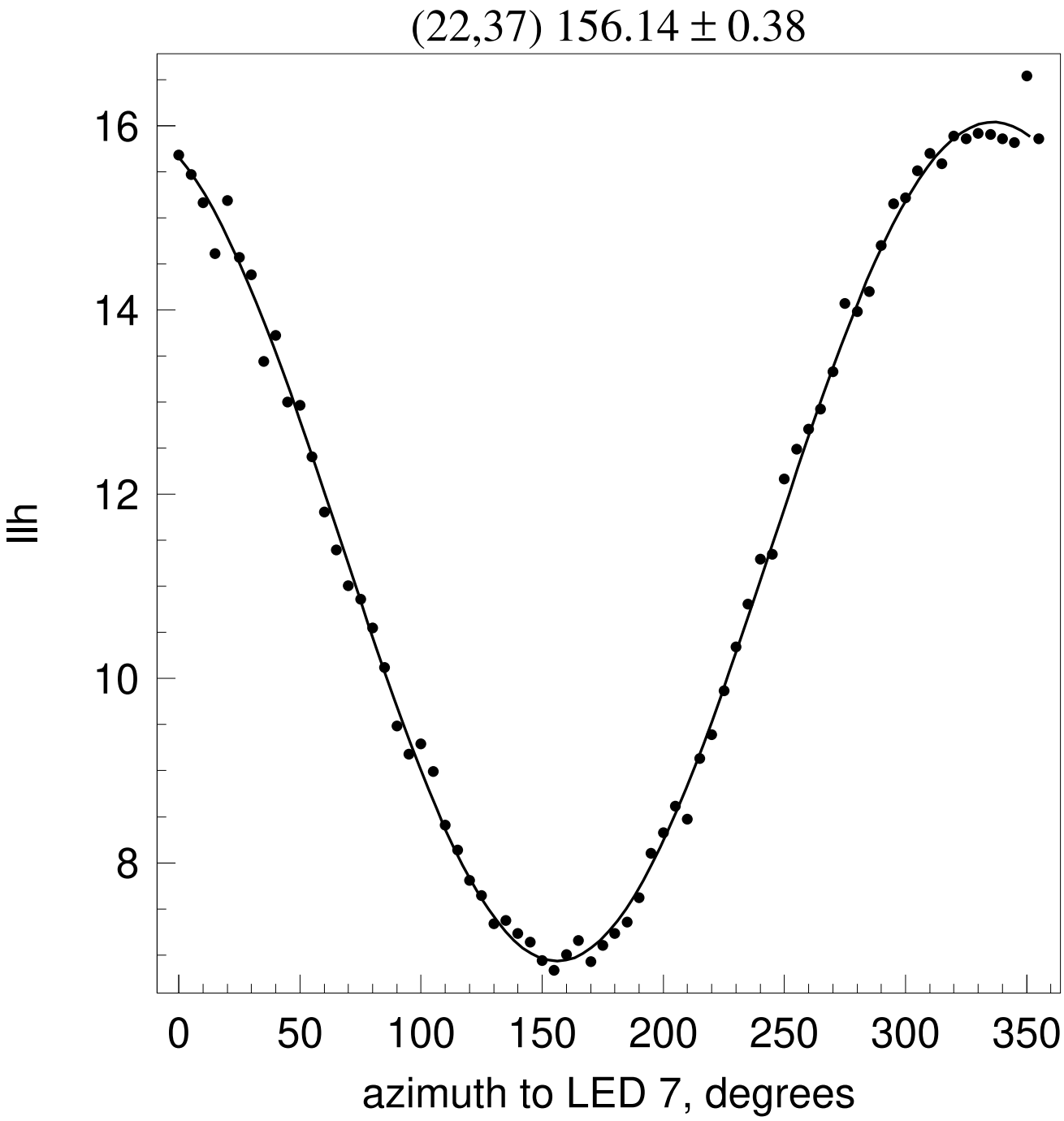

(22,32) 60.29 ± 1.12
13
12.5
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

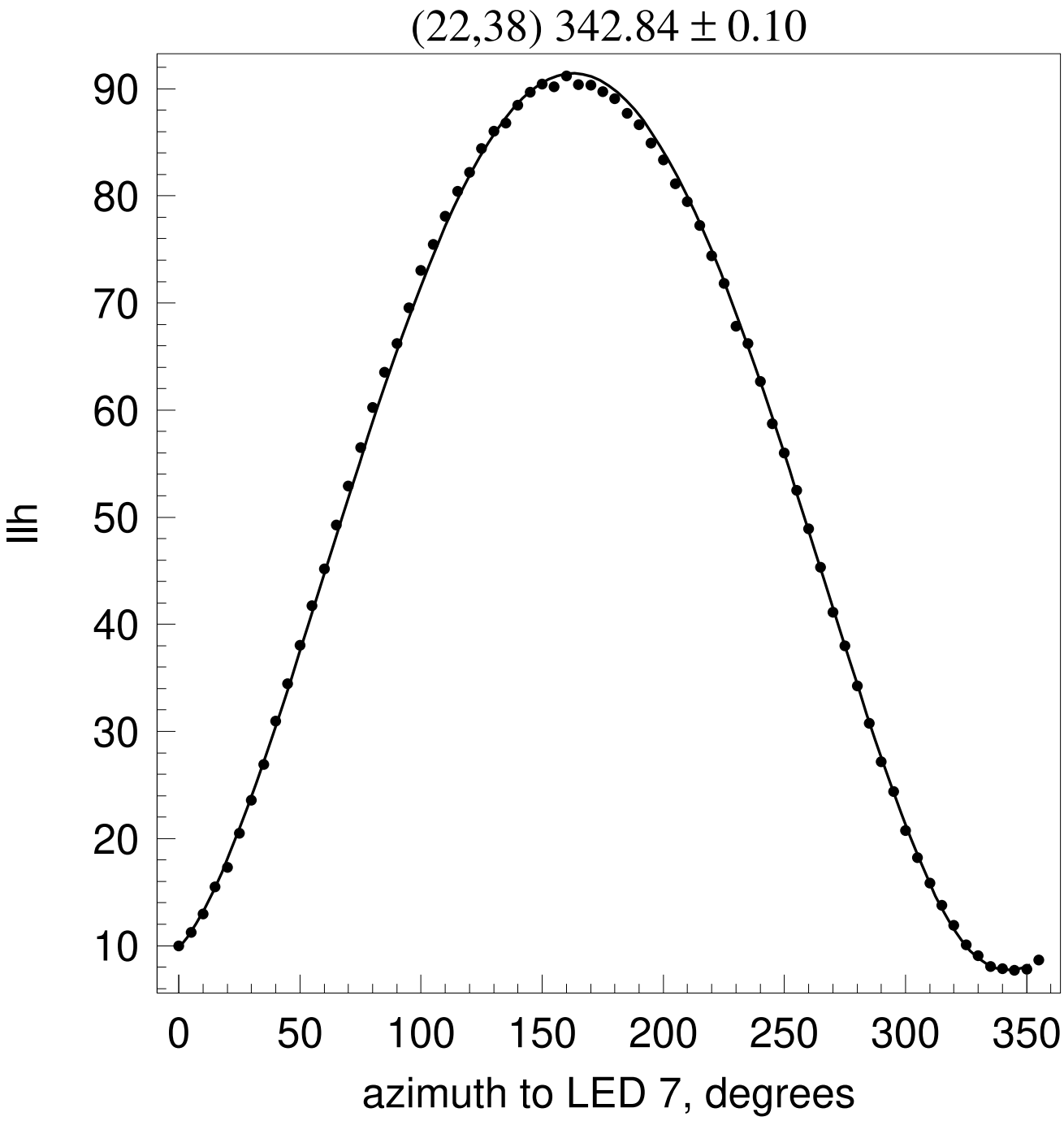

(22,33) 180.48 ± 1.87
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

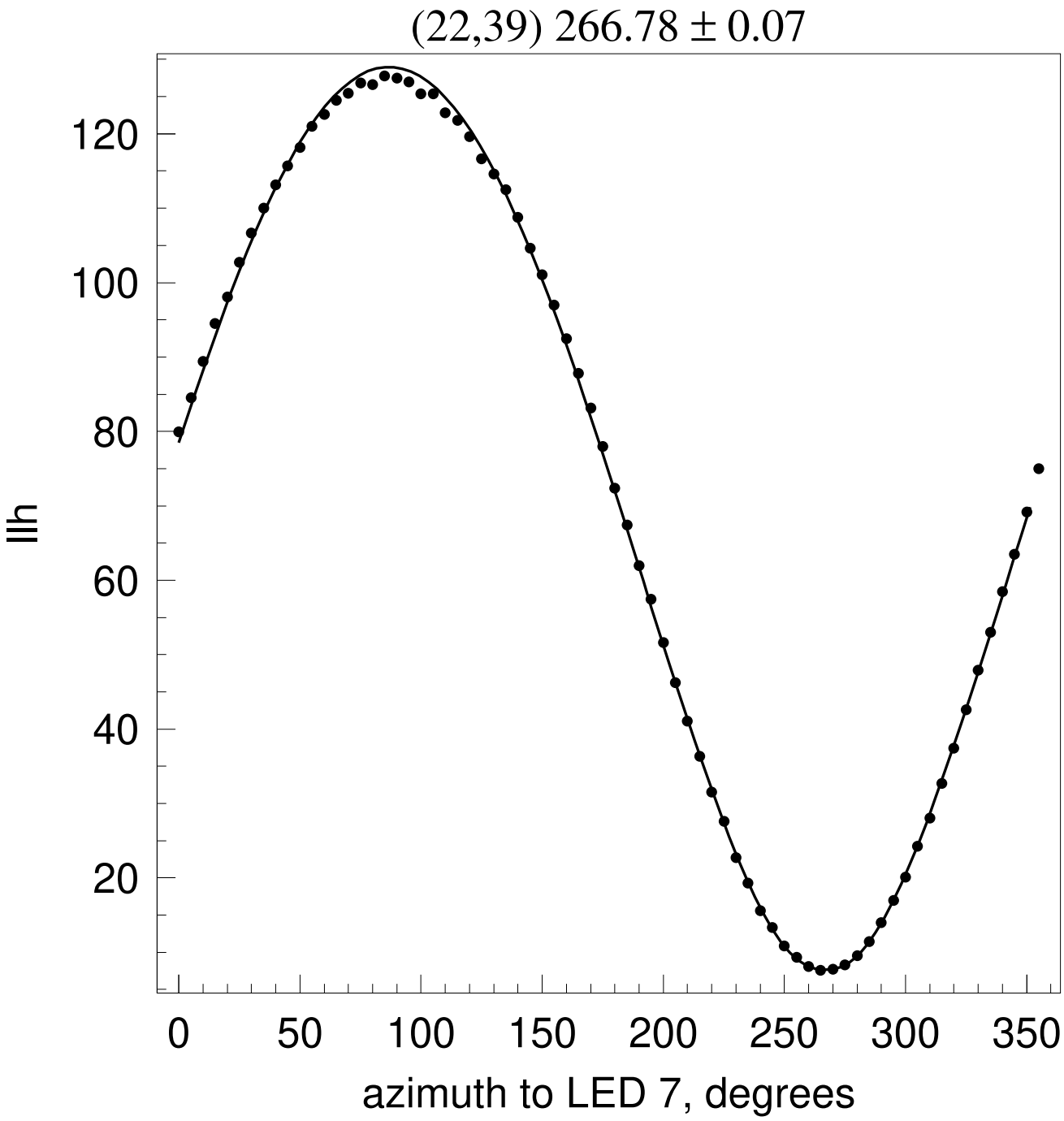

(22,34) 165.20 ± 11.31
9.4
9.3
9.2
9.1
9
8.9
8.8
8.7
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

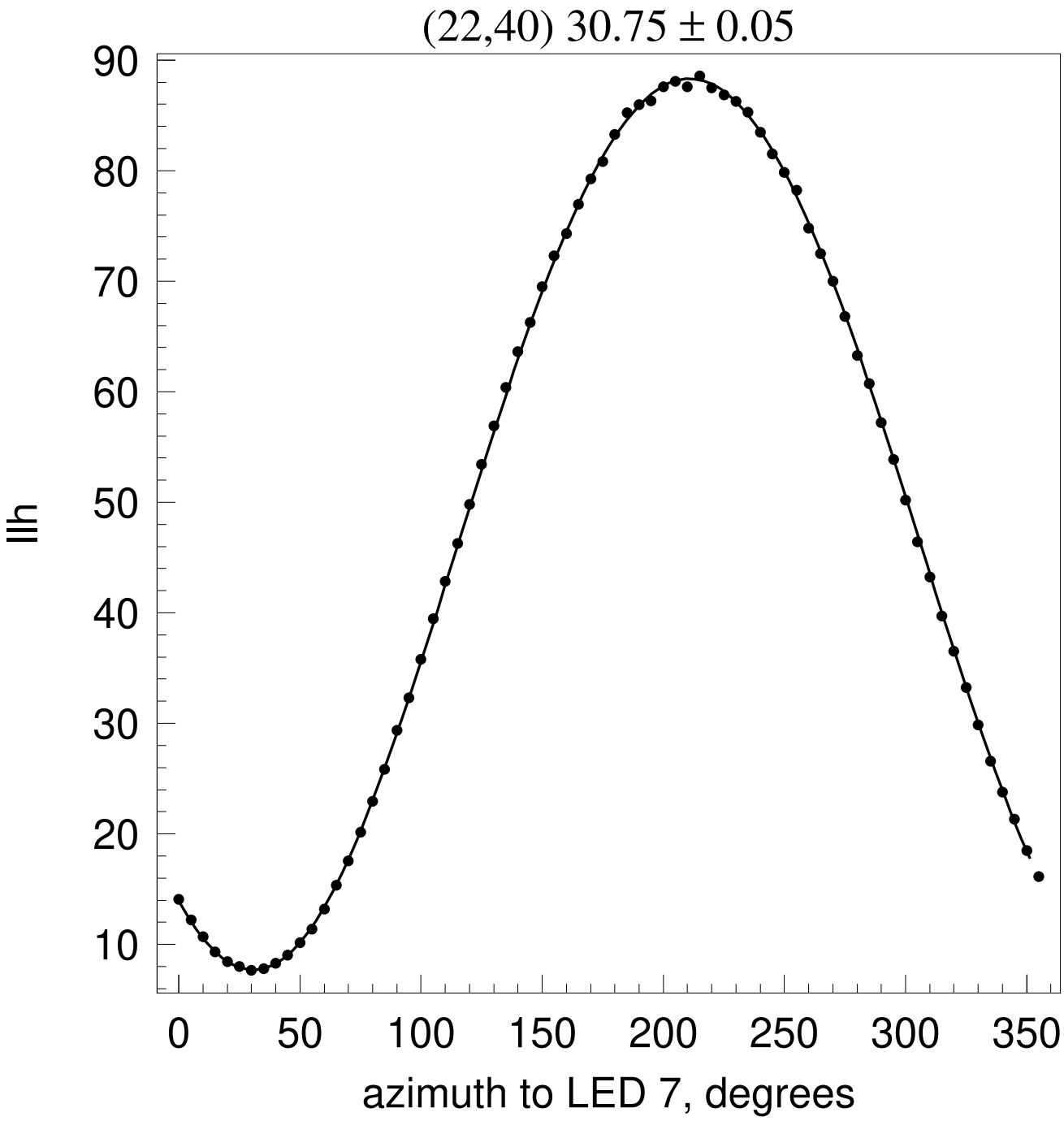

(22,35) 220.06 ± 0.29
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

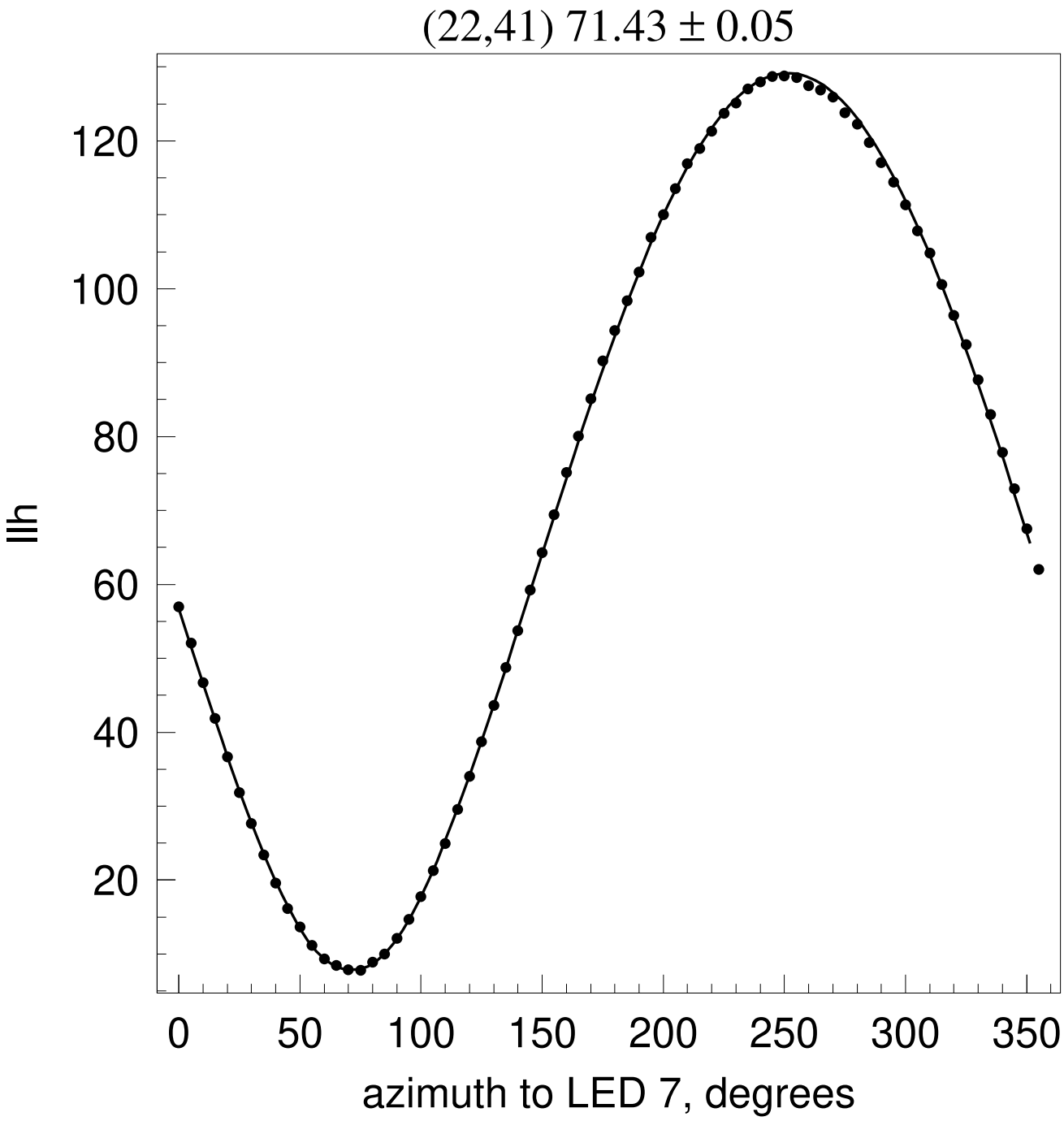

(22,36) 254.29 ± 3.69
8
7.8
7.6
7.4
7.2
7
6.8
6.6
6.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

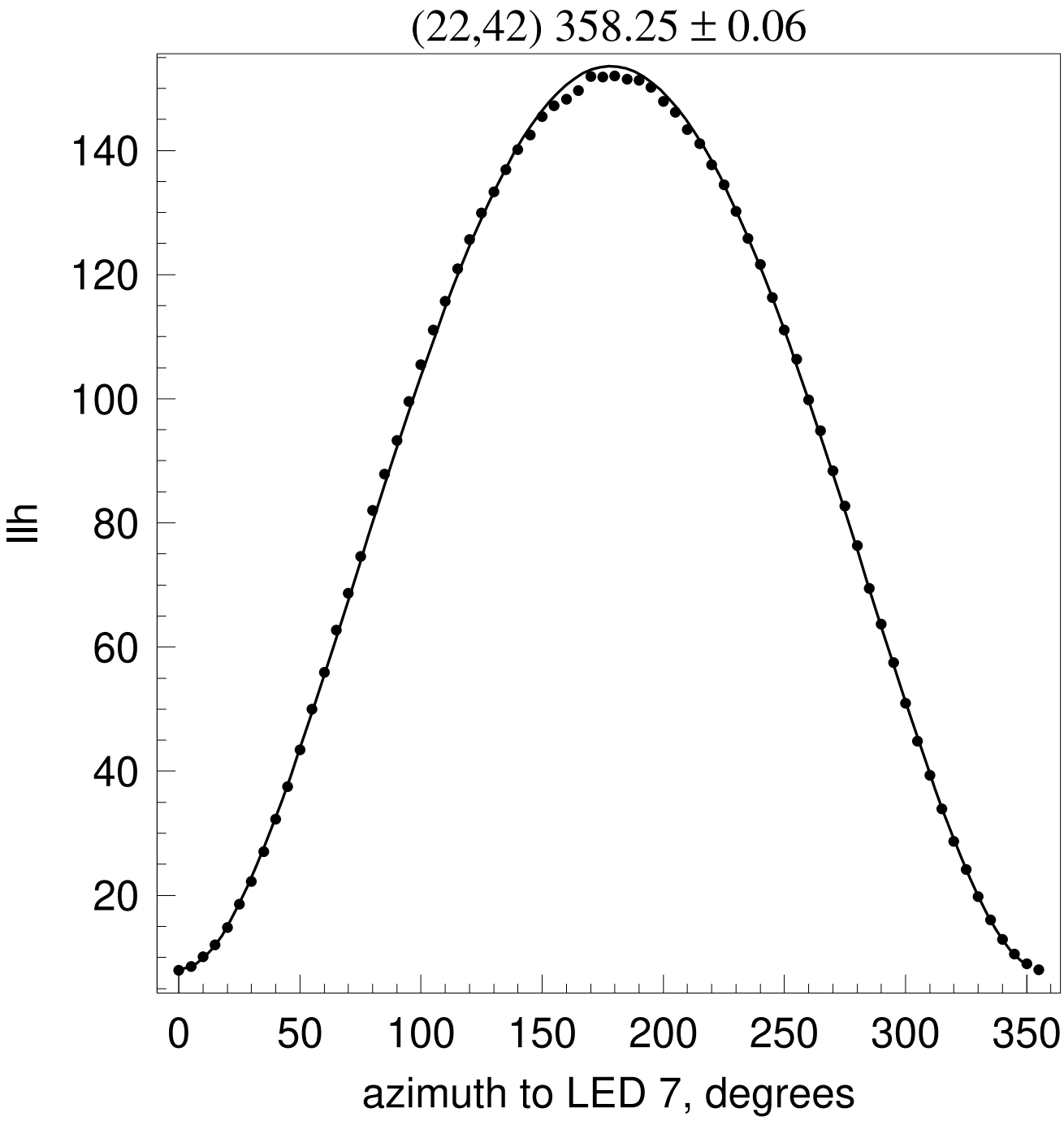

(22,37) 156.14 ± 0.38
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

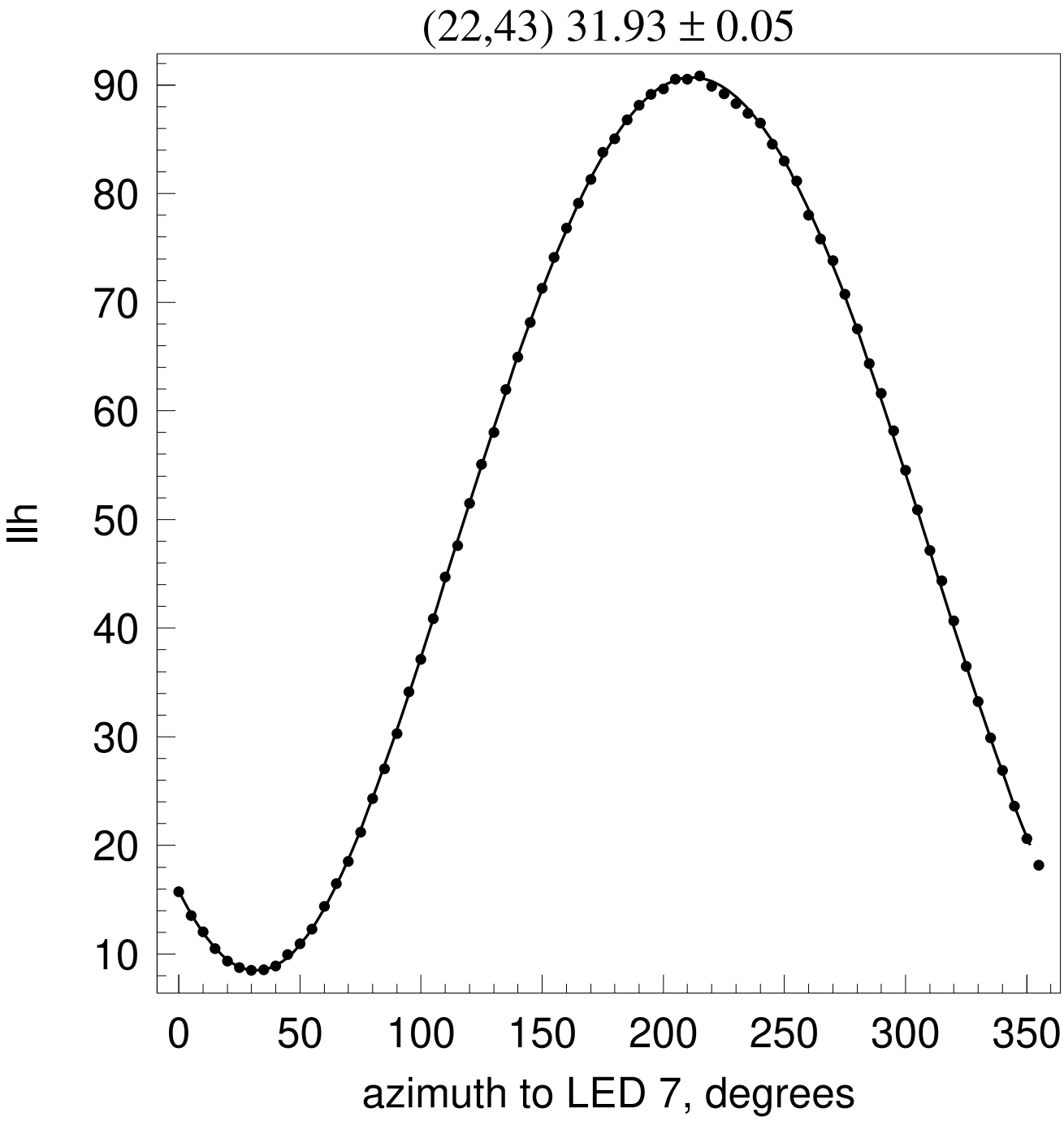

(22,38) 342.84 ± 0.10
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

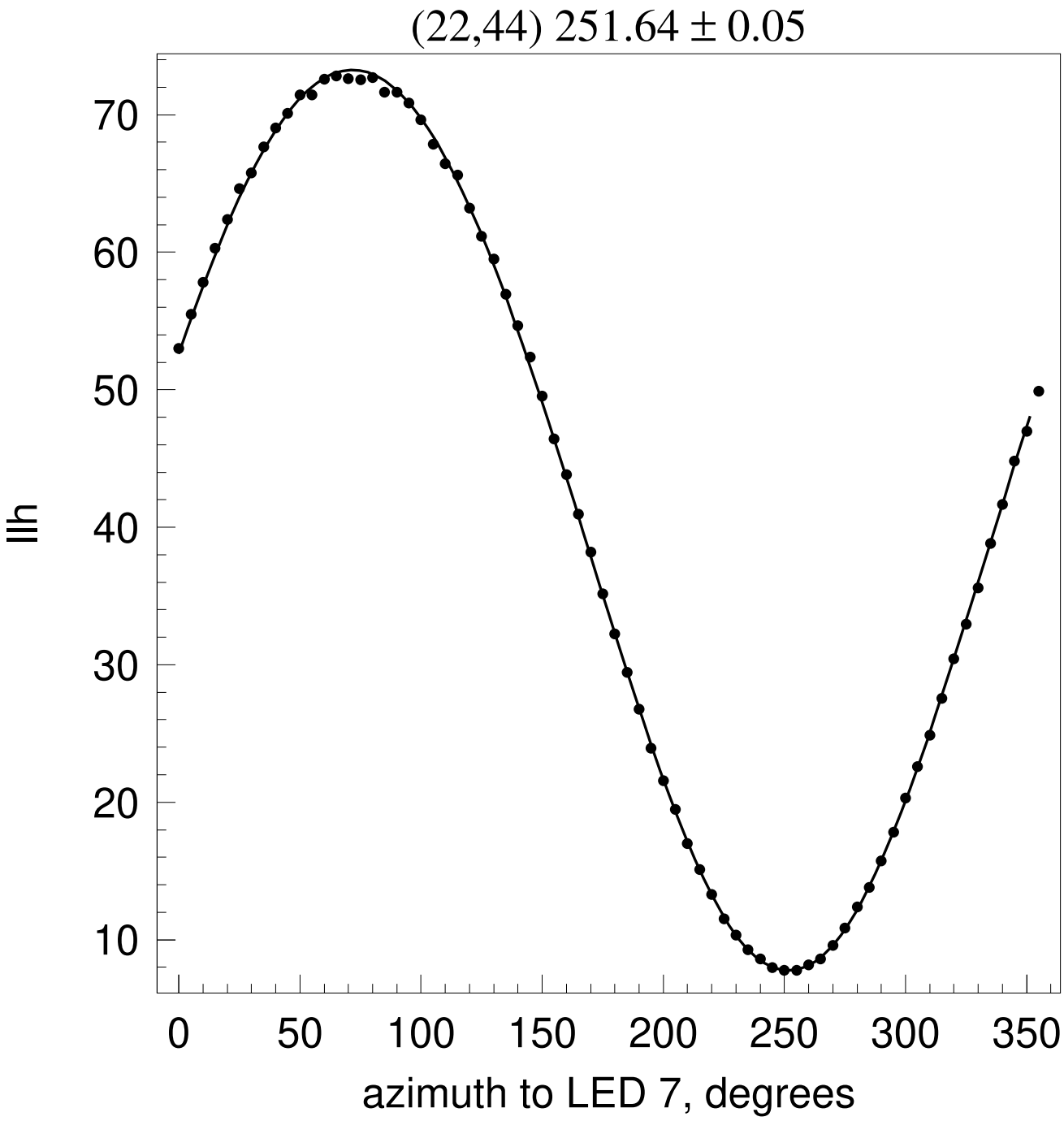

(22,39) 266.78 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

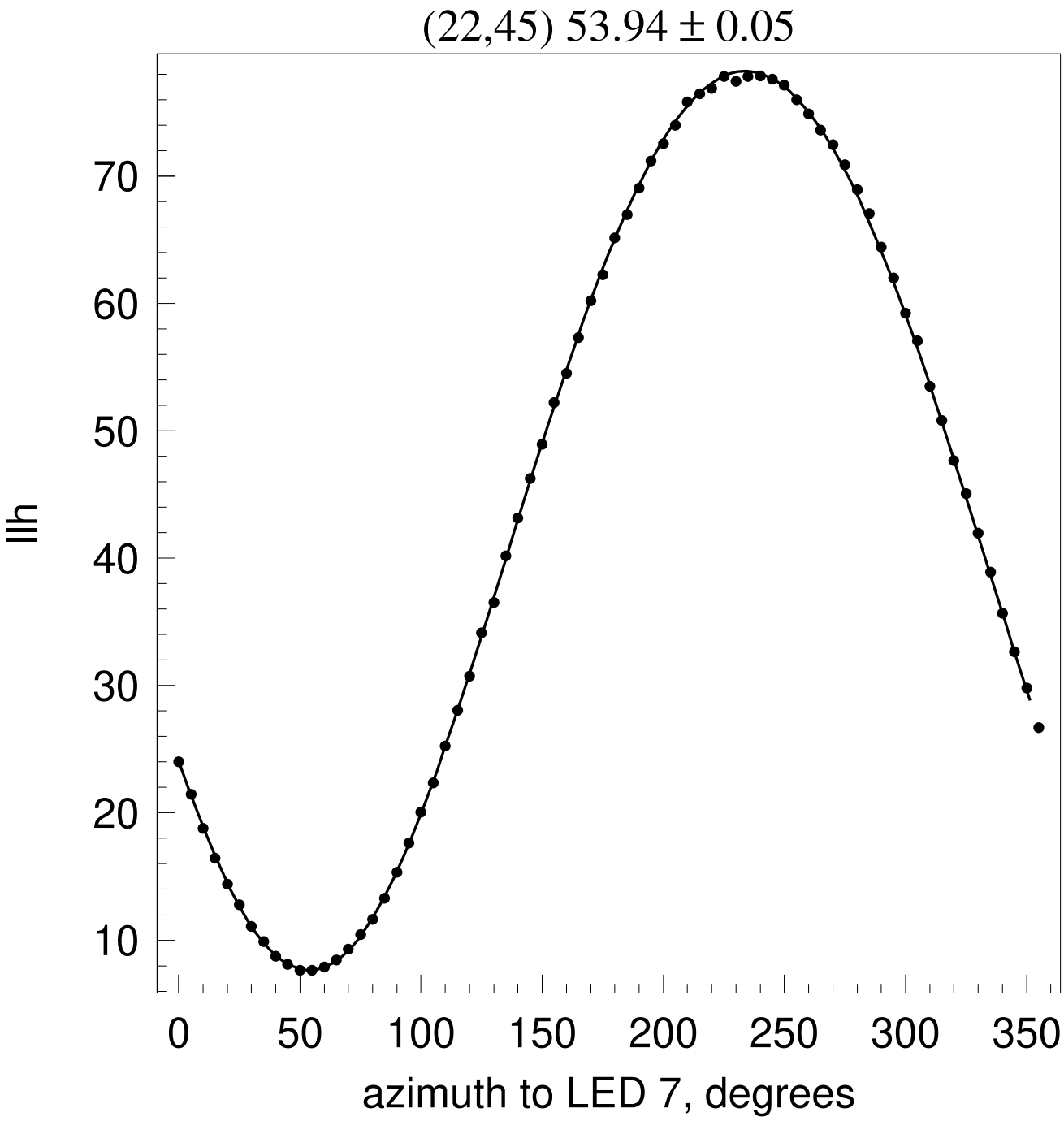

(22,40) 30.75 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

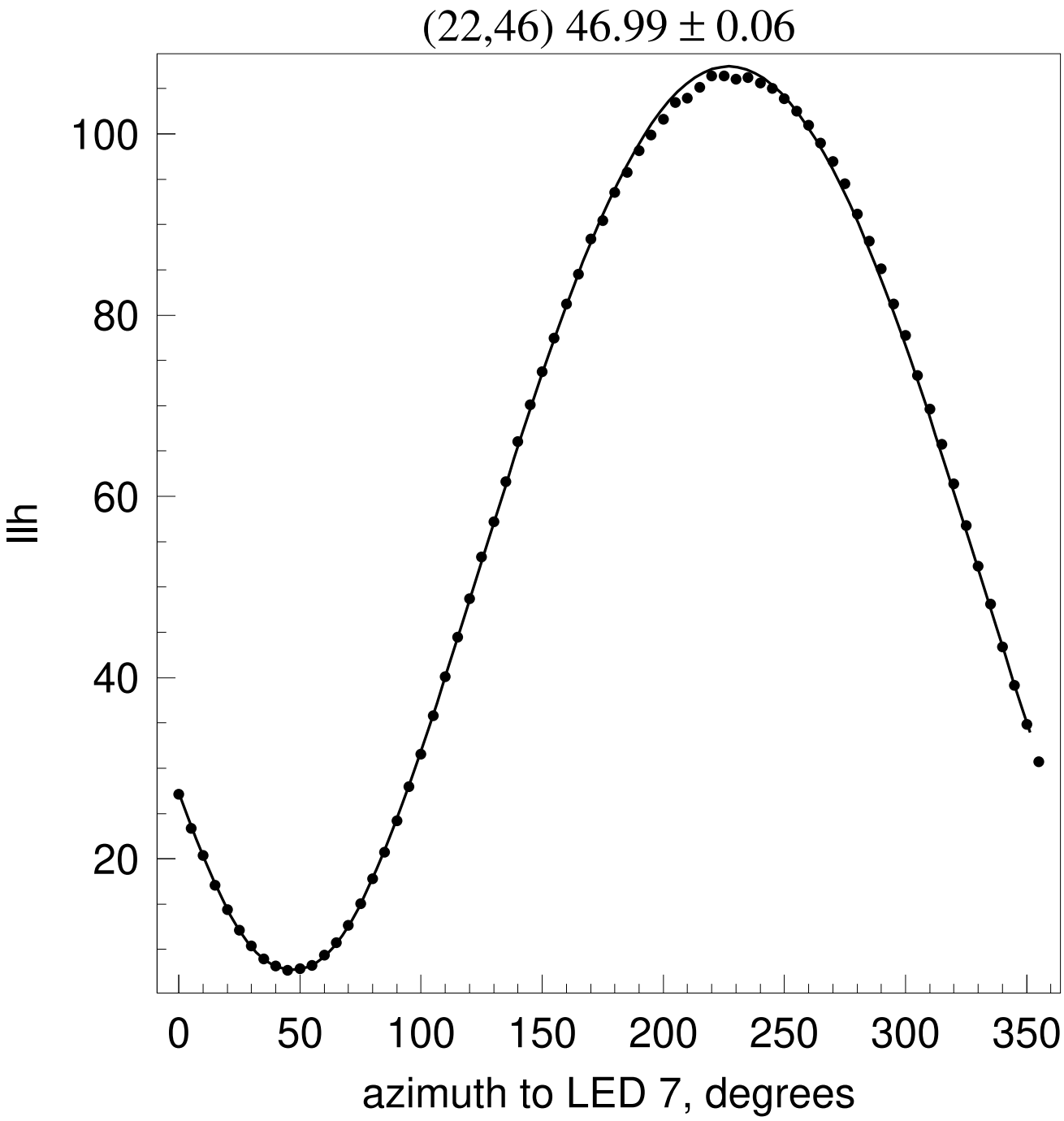

(22,41) 71.43 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

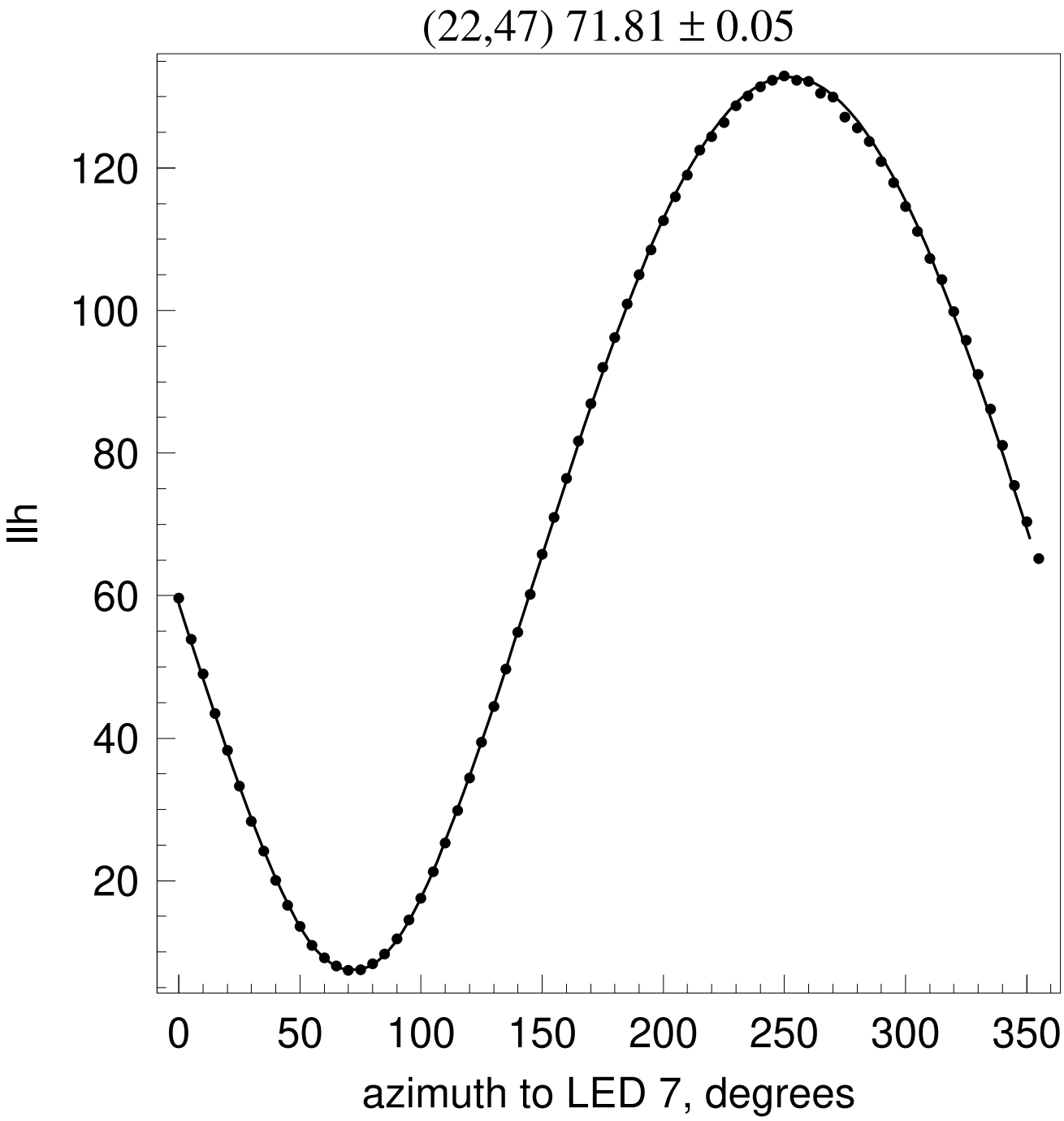

(22,42) 358.25 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

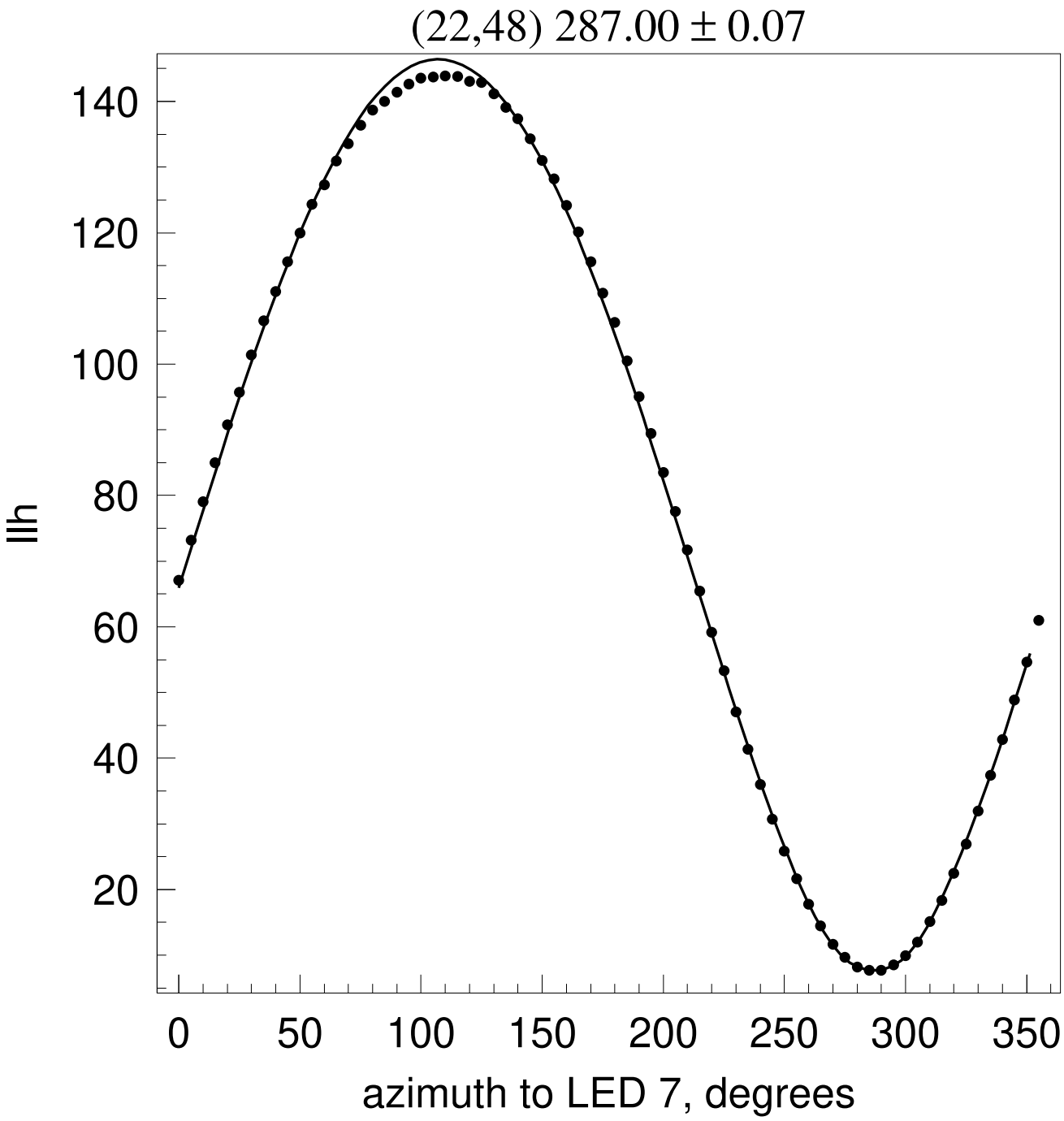

(22,43) 31.93 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

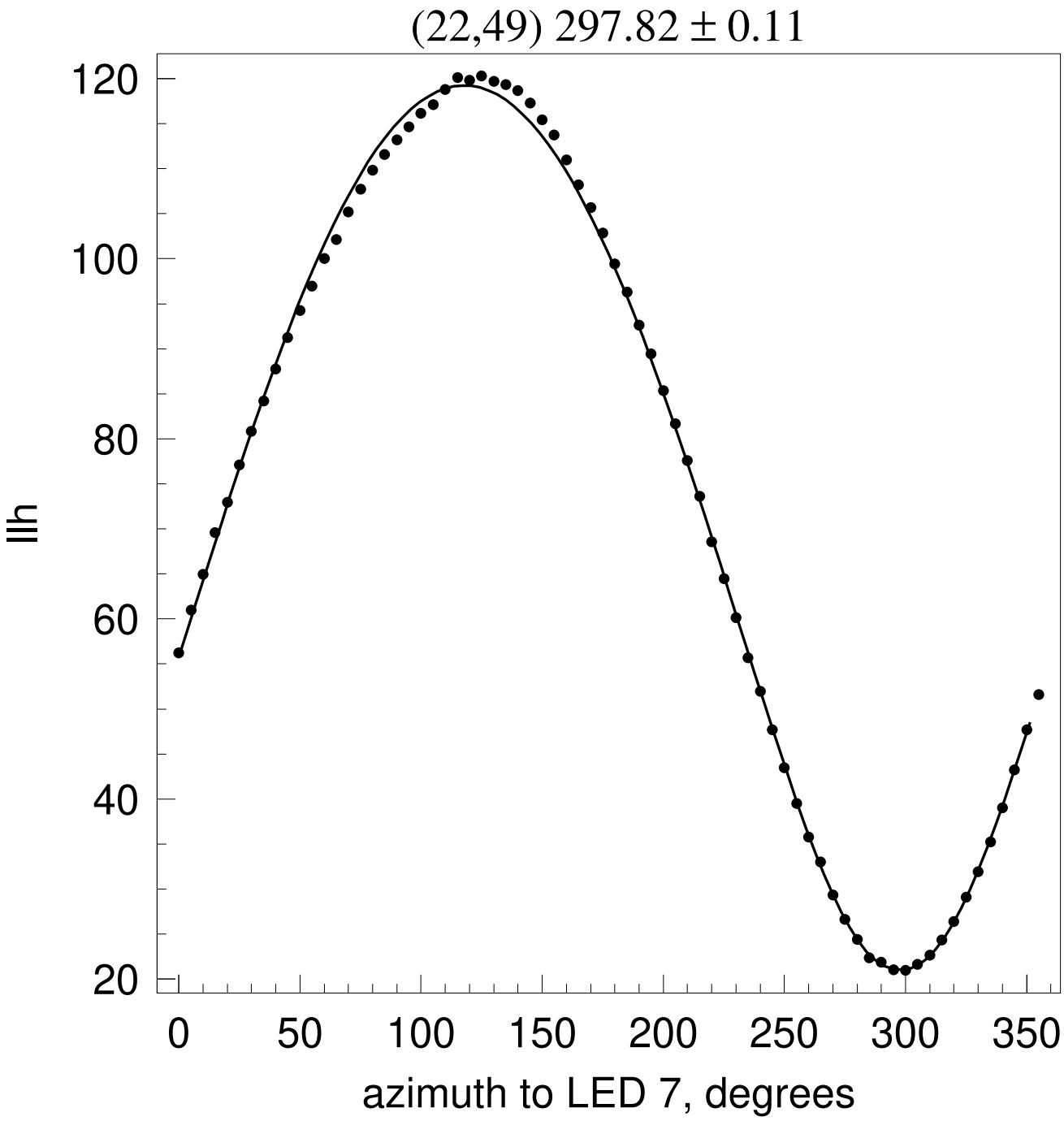

(22,44) 251.64 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

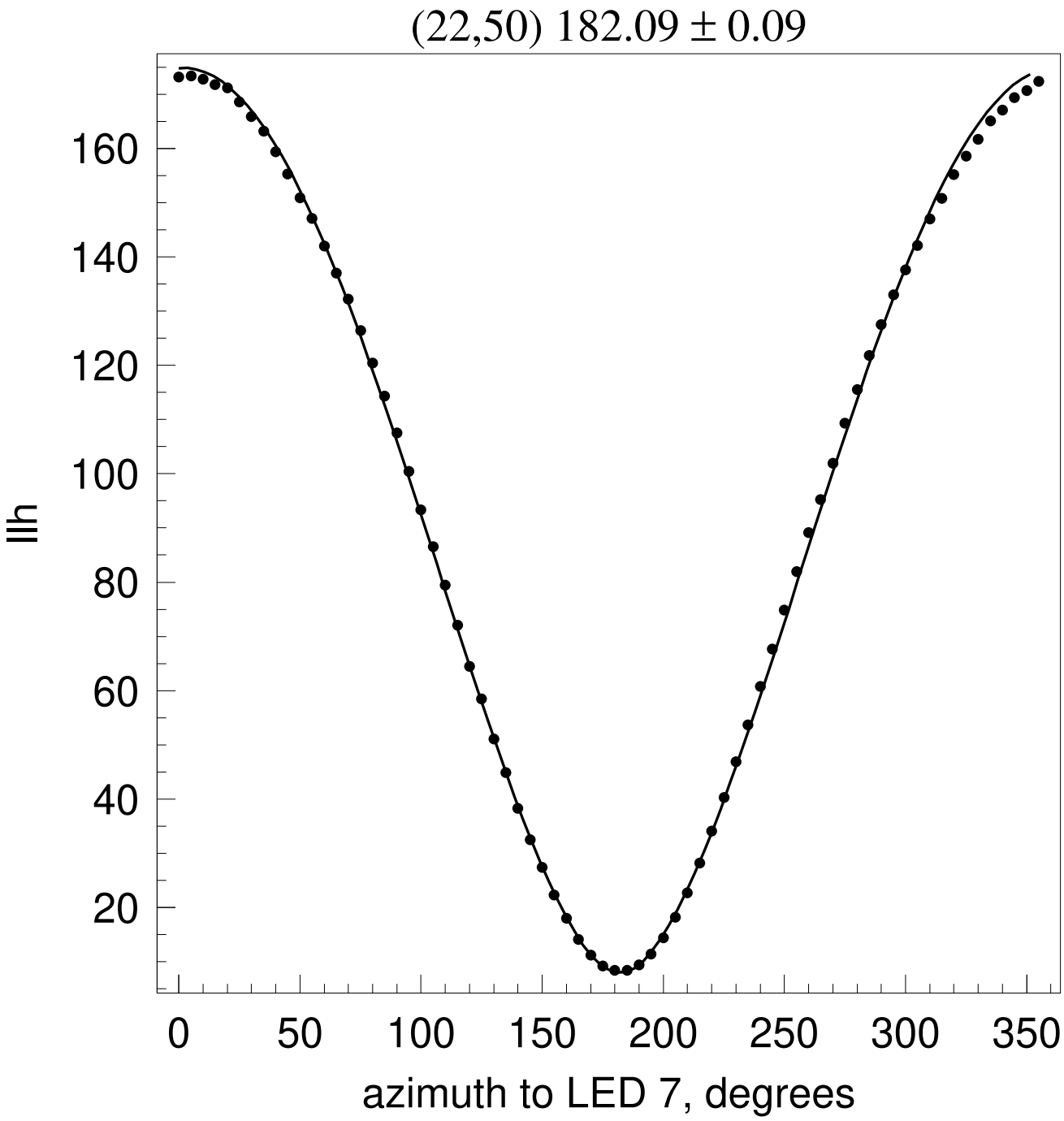

(22,45) 53.94 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

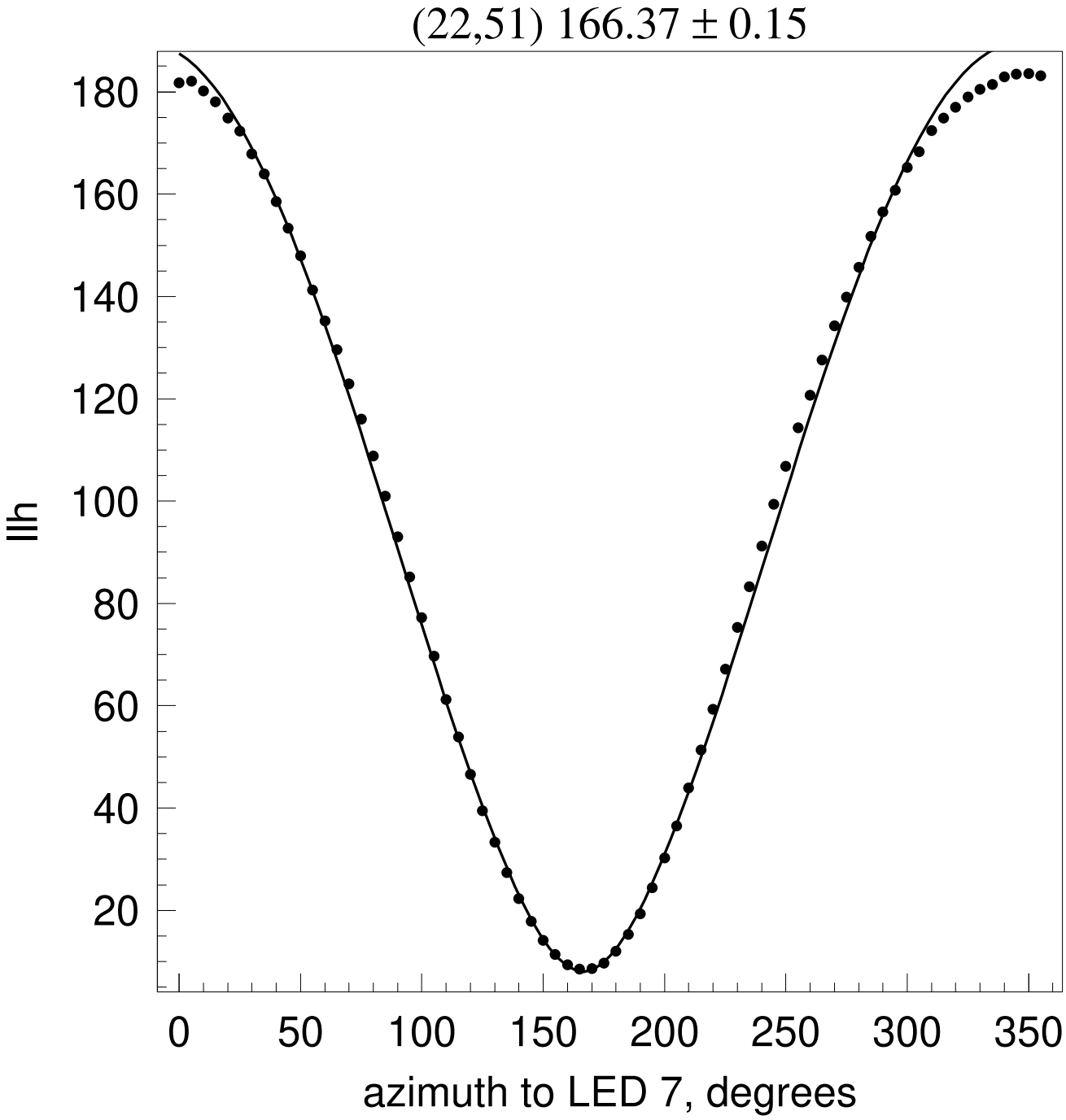

(22,46) 46.99 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

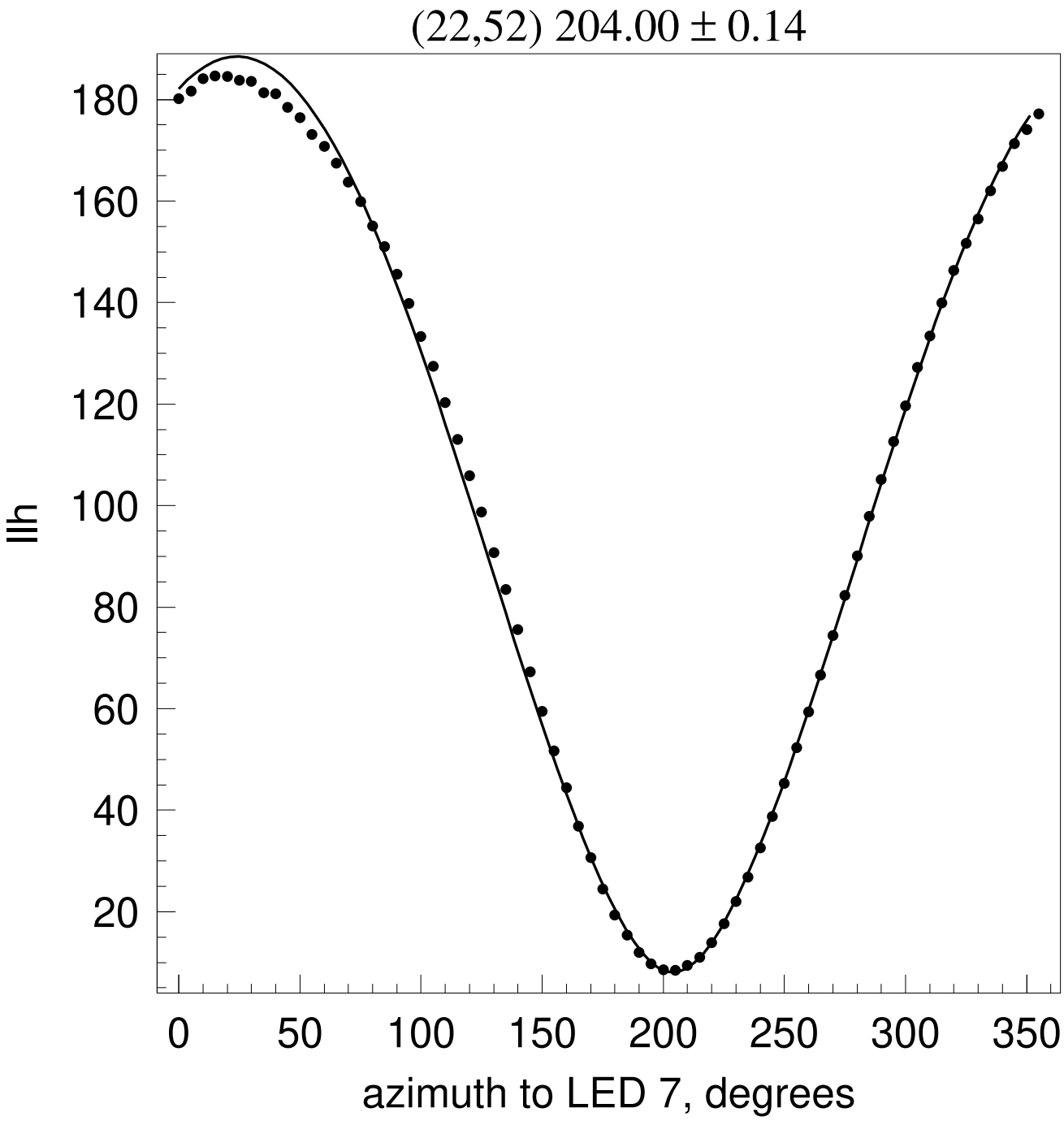

(22,47) 71.81 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

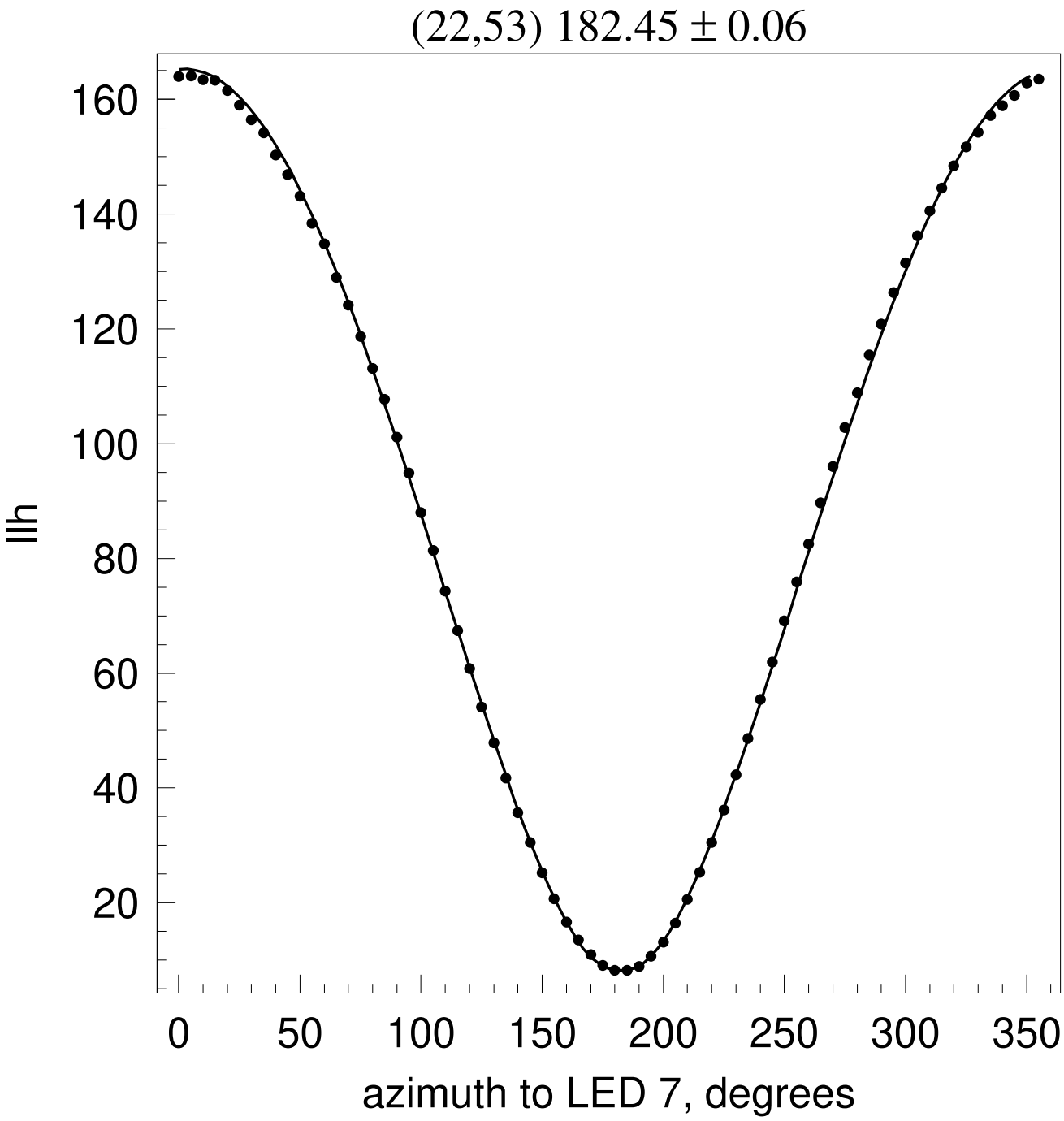

(22,48) 287.00 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

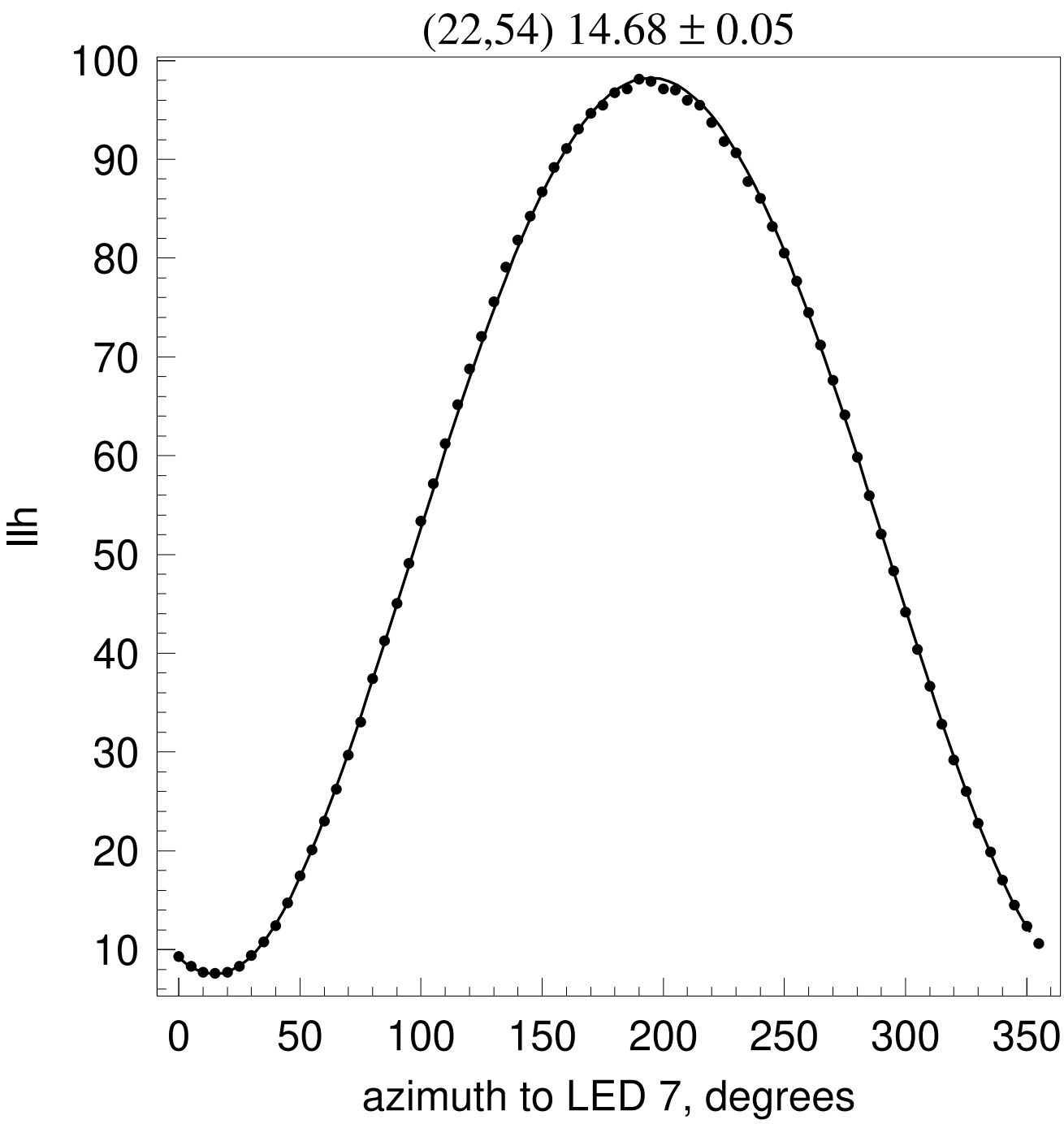

(22,49) 297.82 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

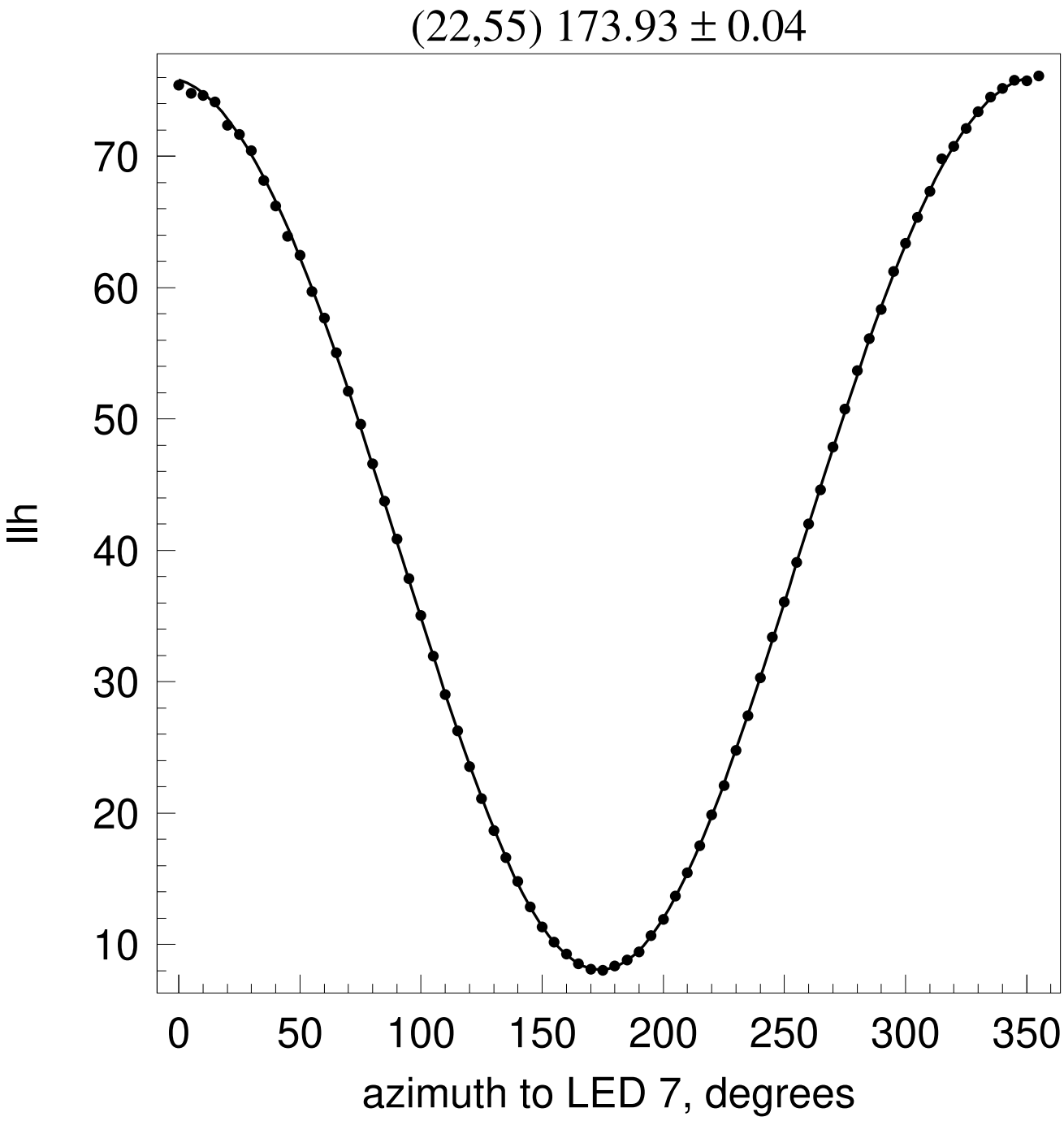

(22,50) 182.09 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

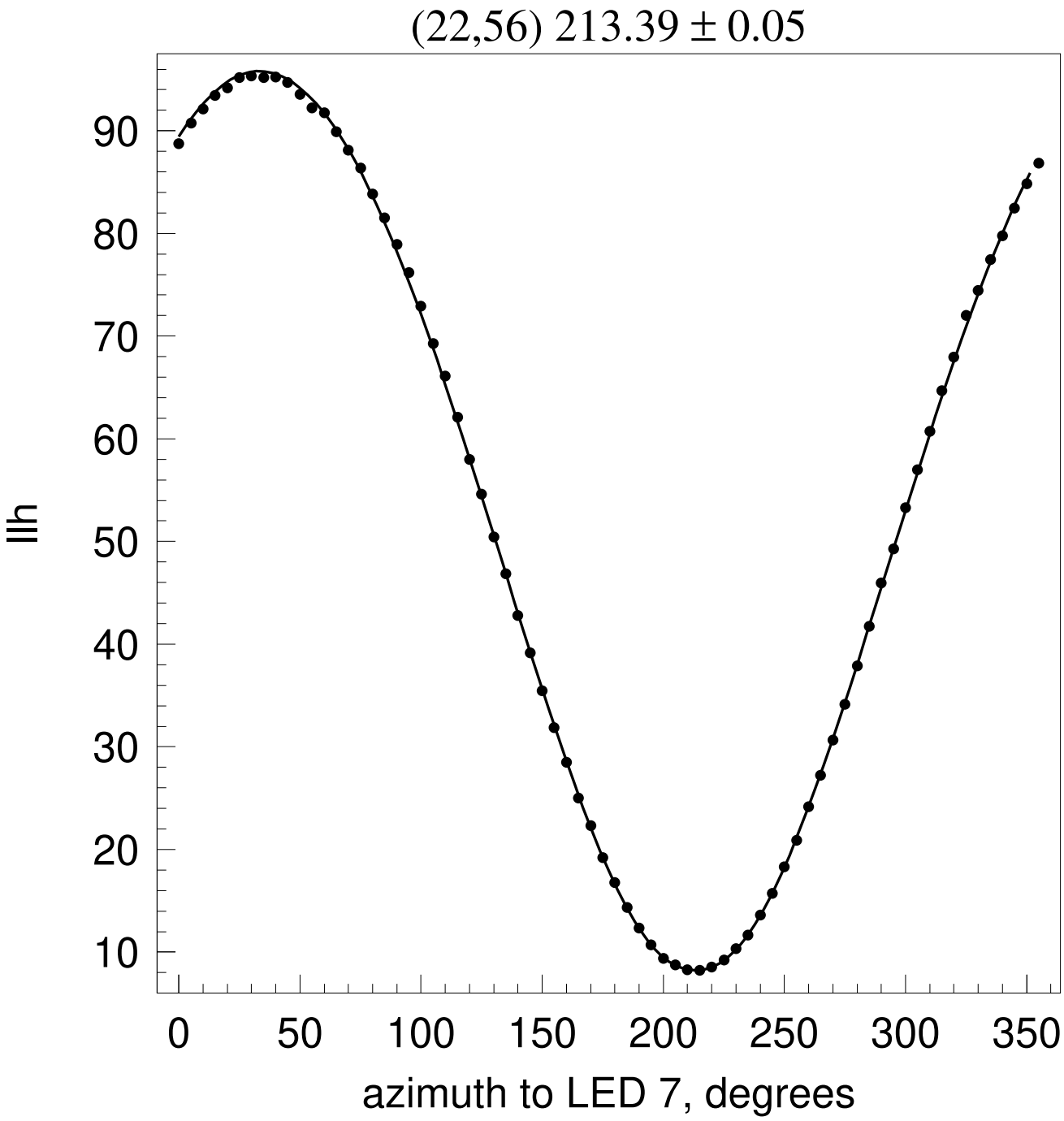

(22,51) 166.37 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

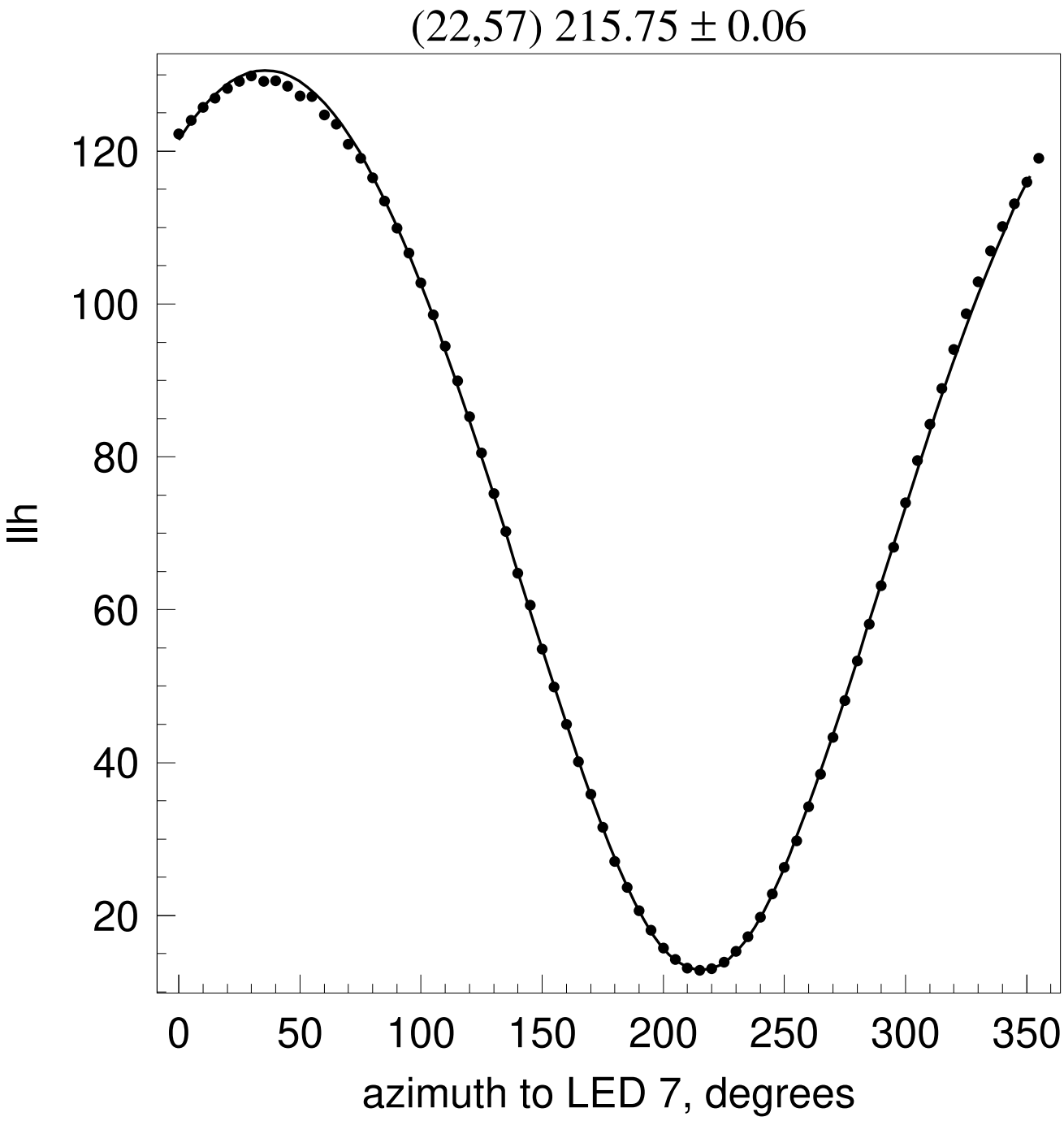

(22,52) 204.00 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

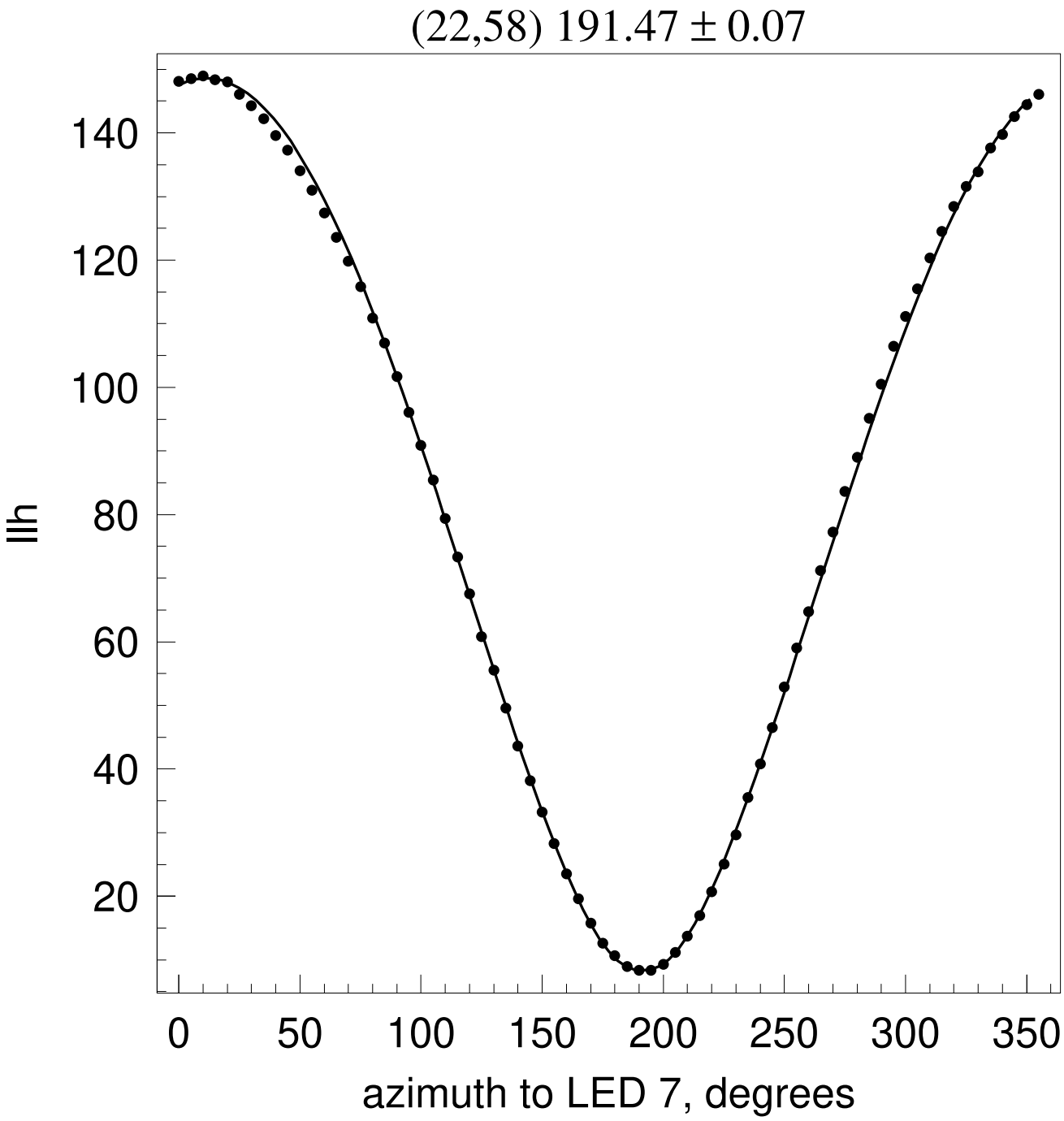

(22,53) 182.45 ± 0.06
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

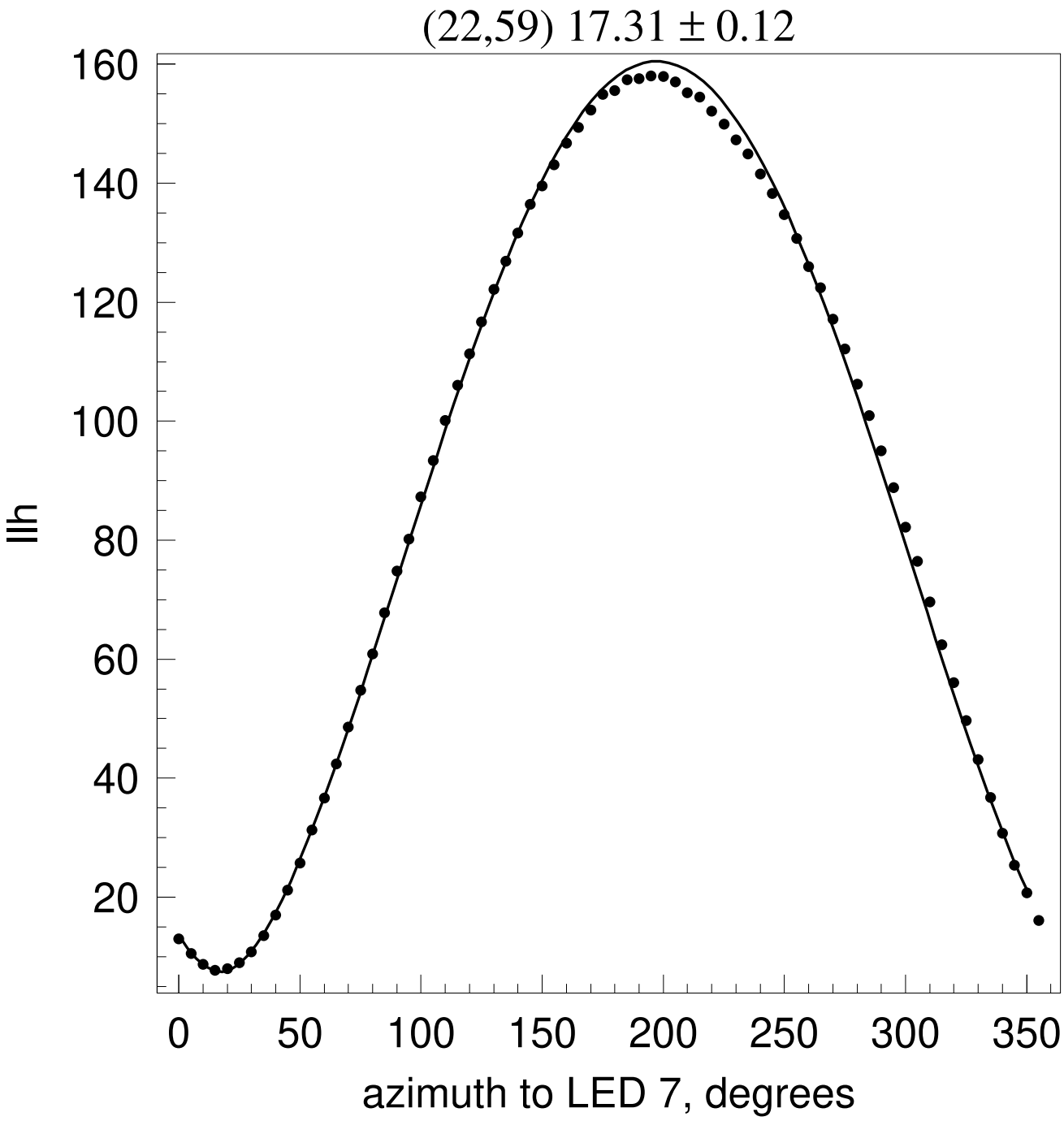

(22,54) 14.68 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

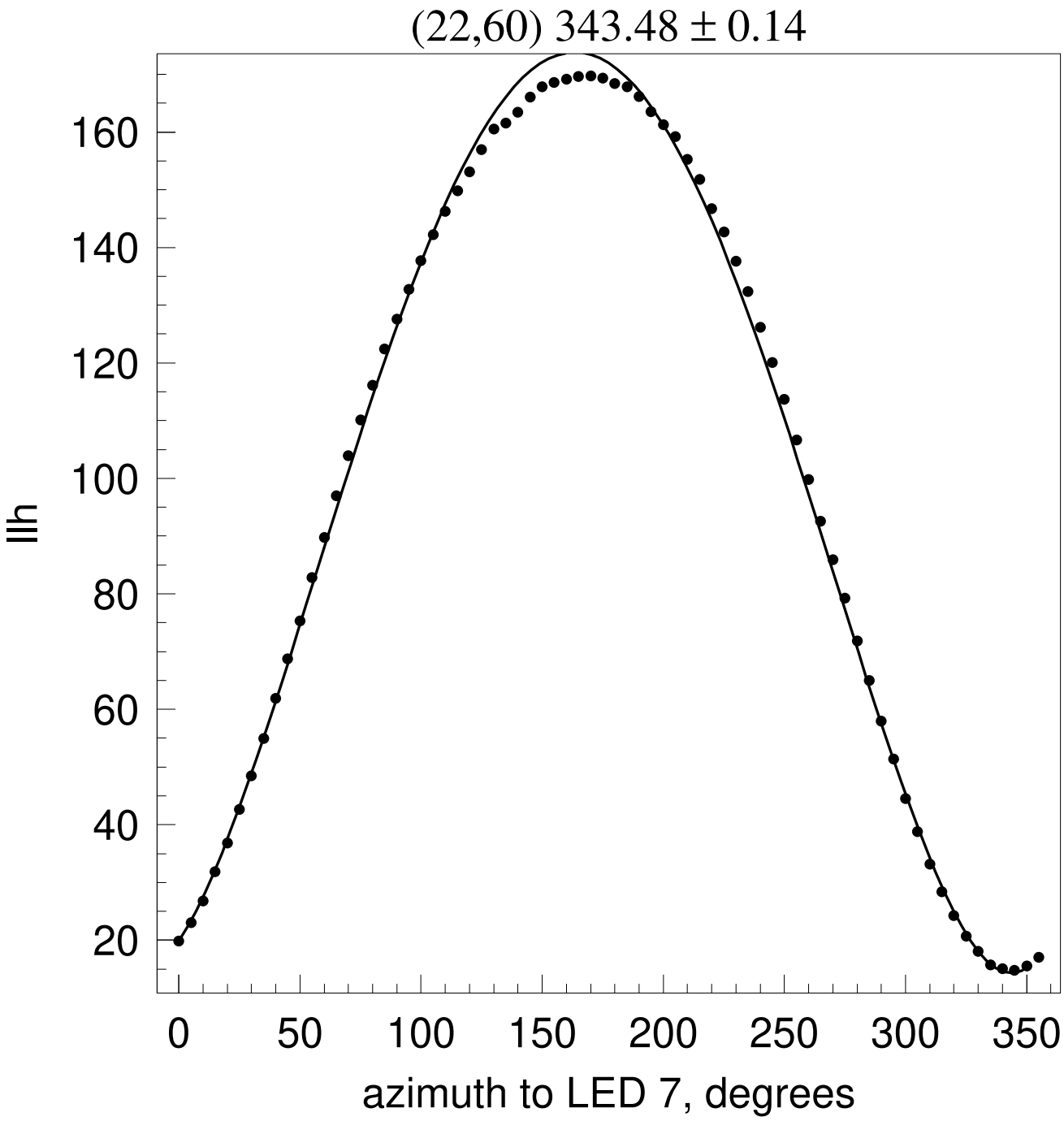

(22,55) 173.93 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

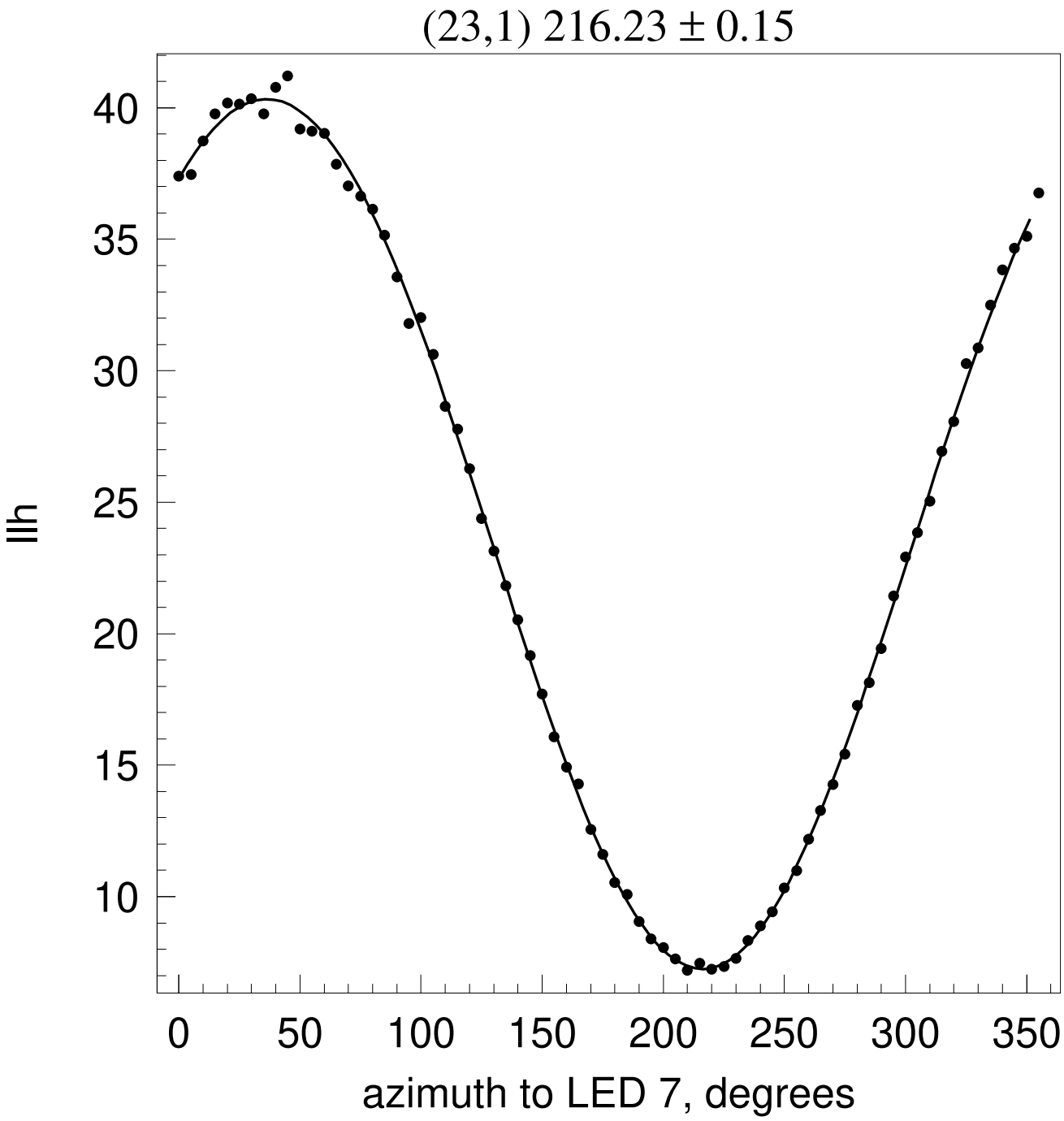

(22,56) 213.39 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

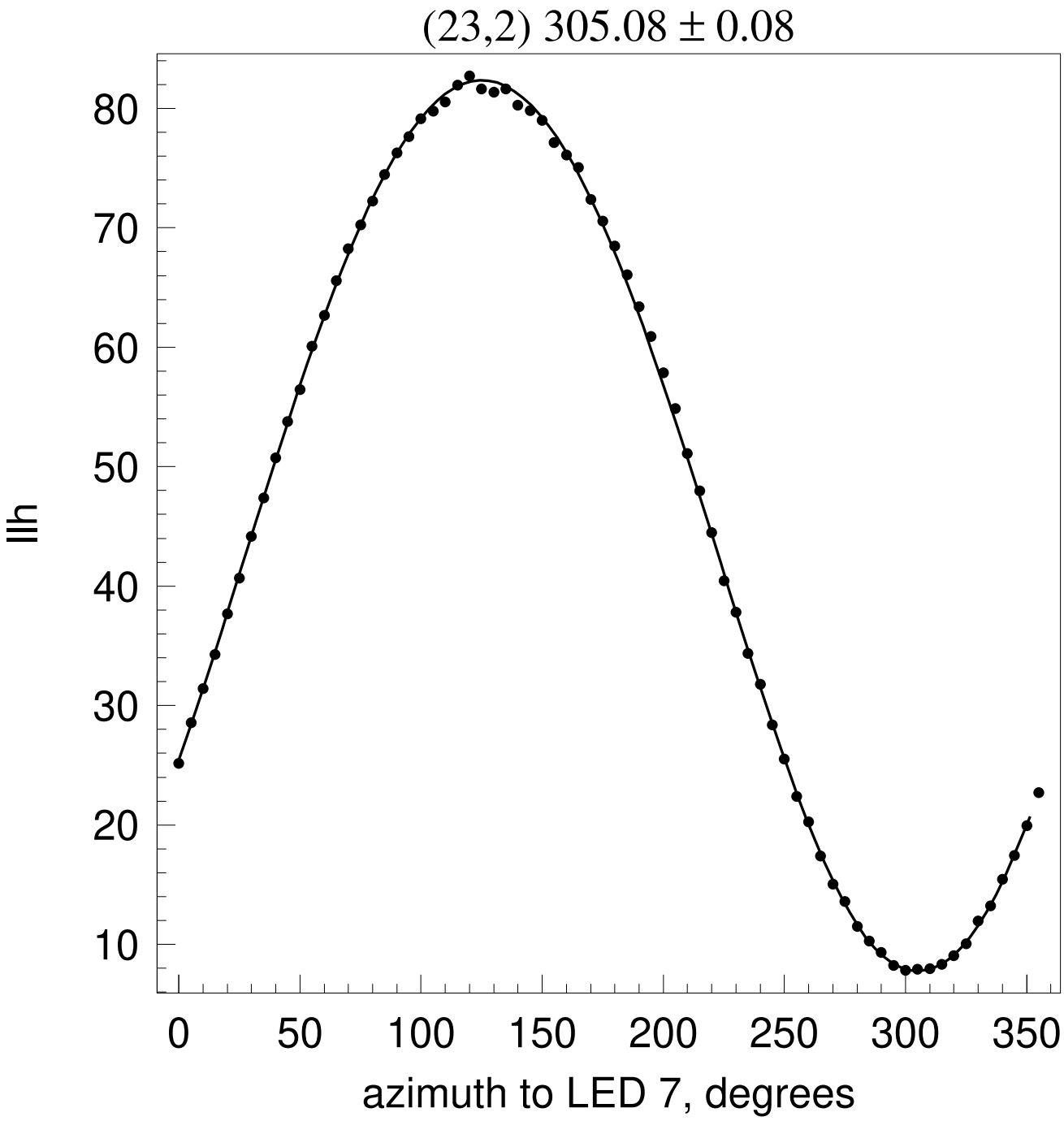

(22,57) 215.75 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

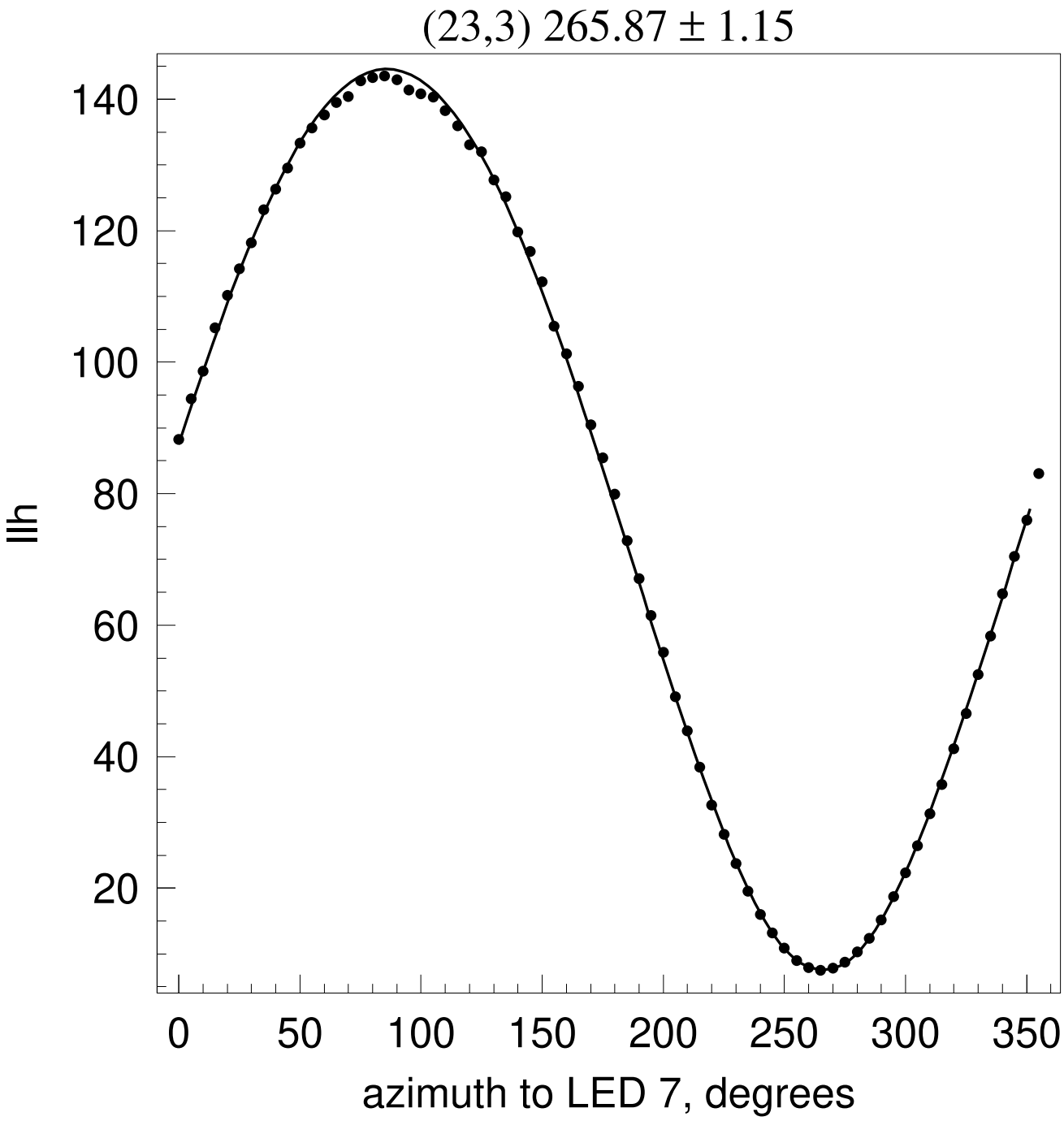

(22,58) 191.47 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

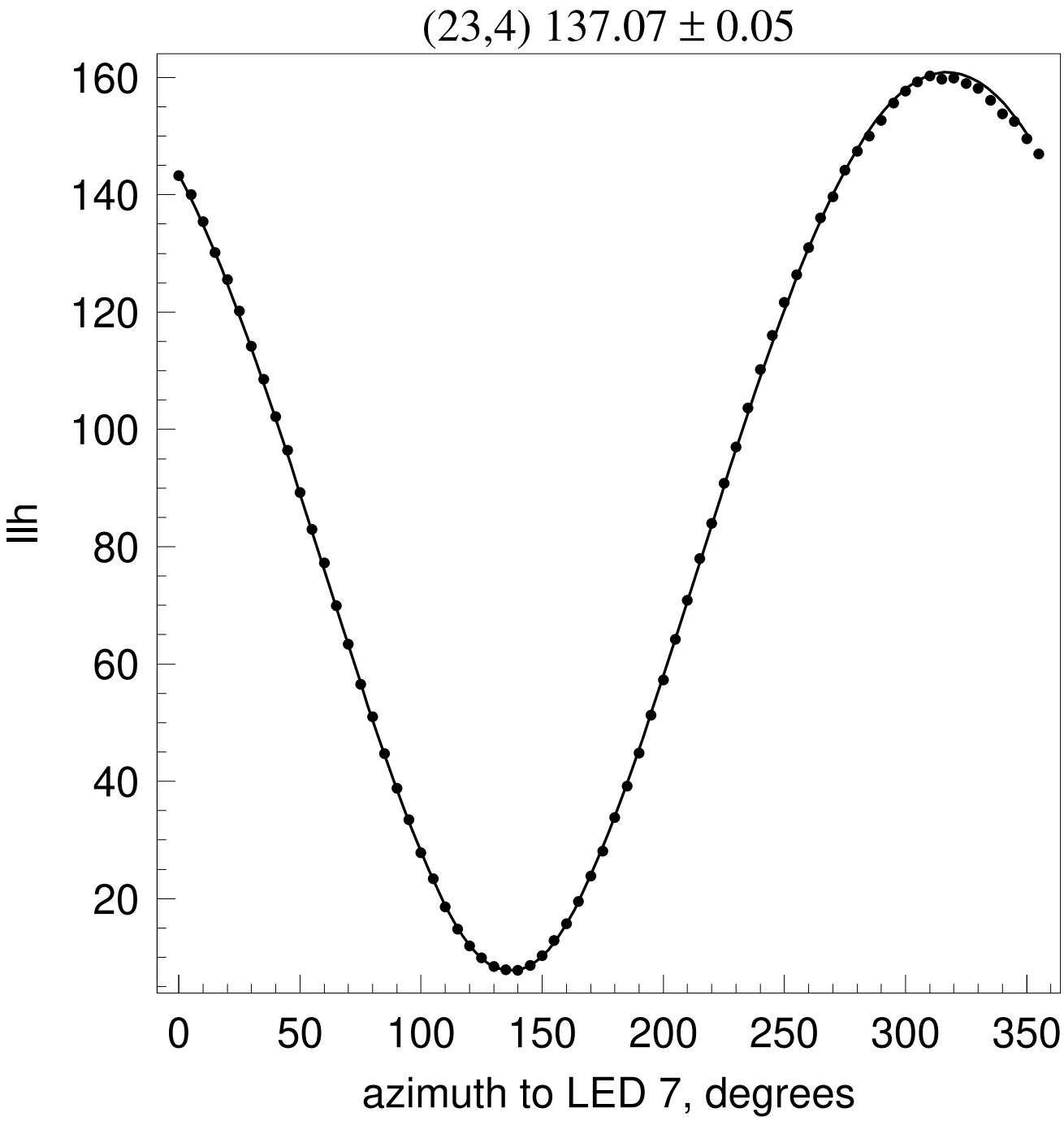

(22,59) 17.31 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

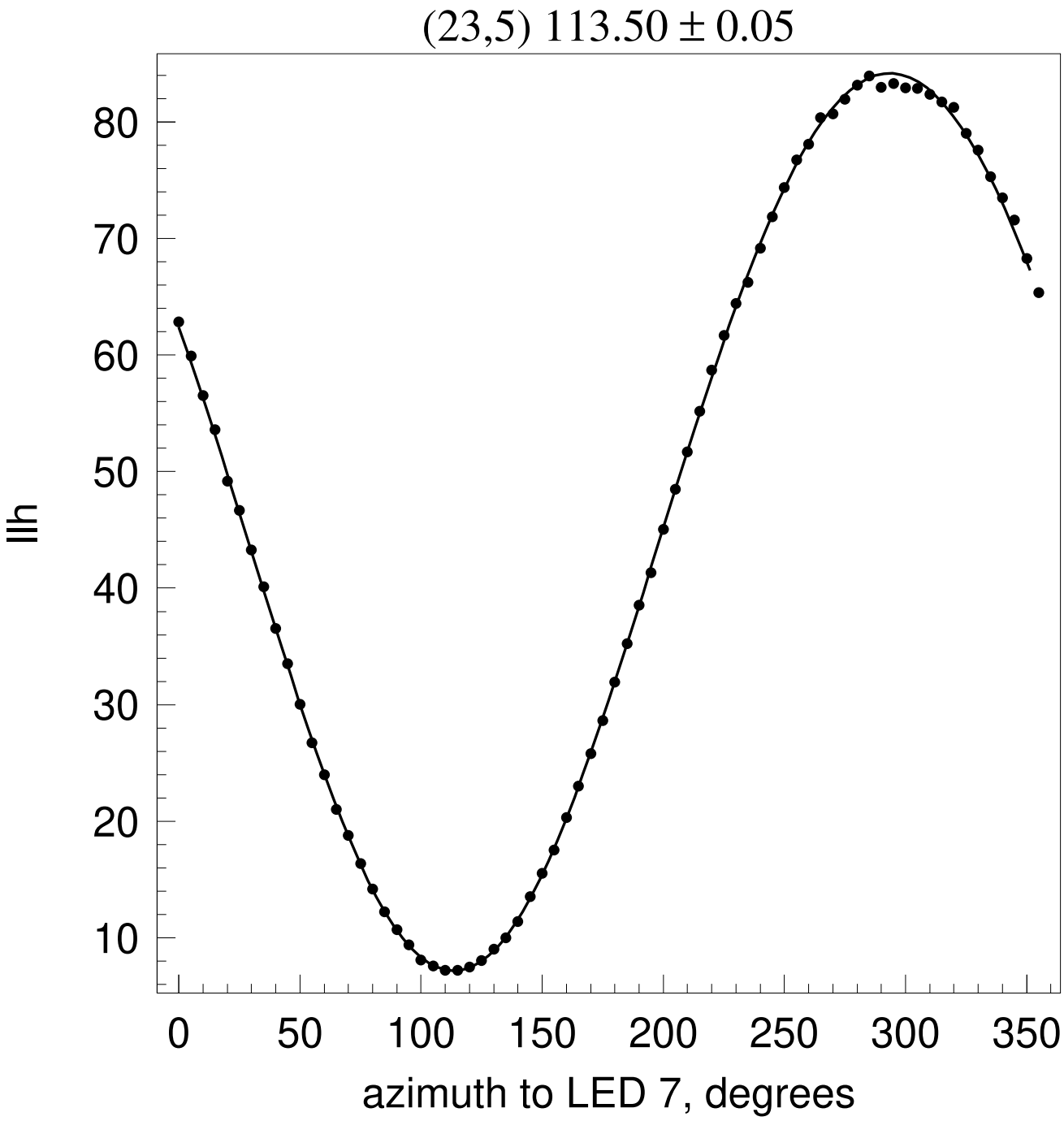

(22,60) 343.48 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

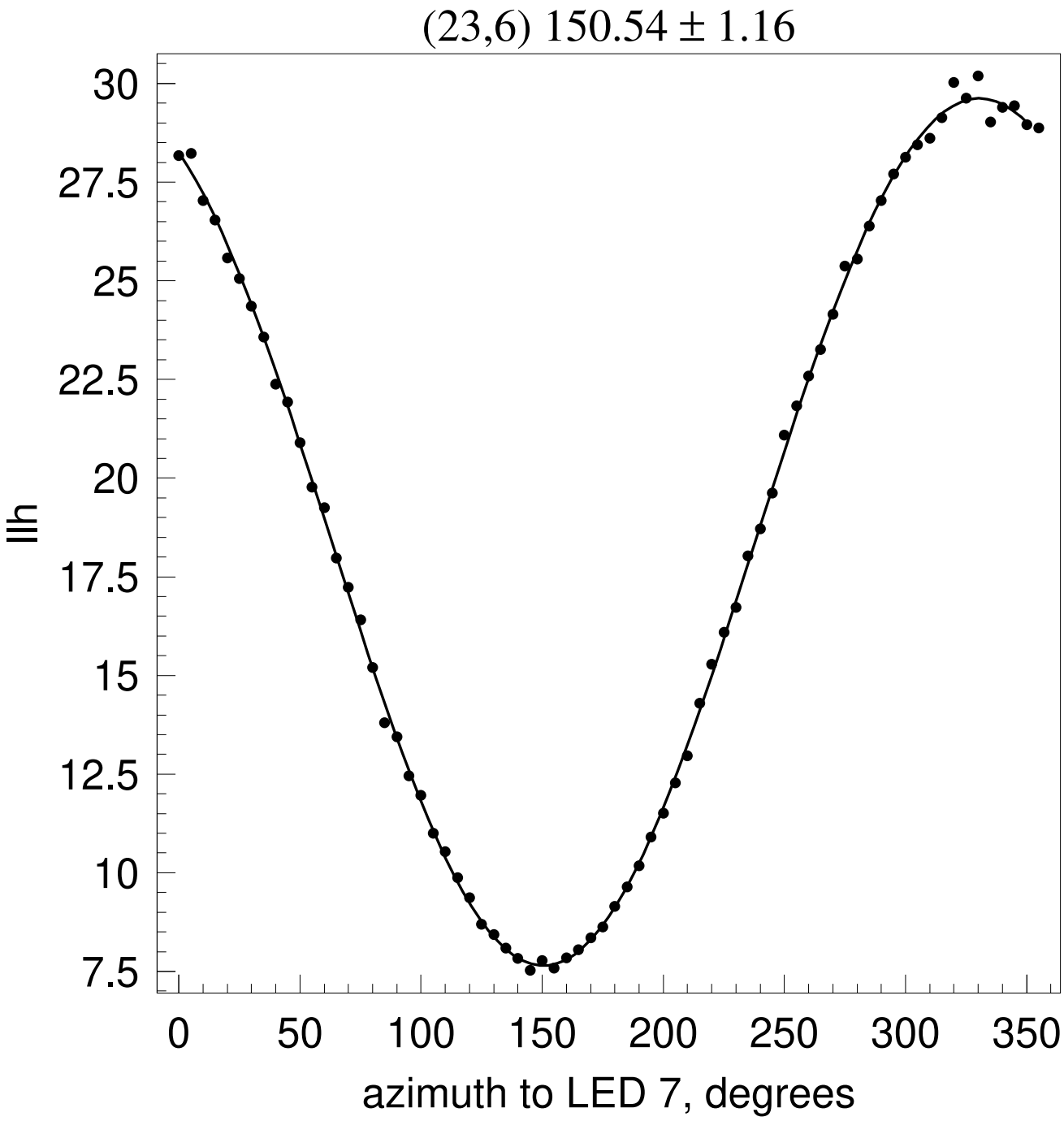

(23,1) 216.23 ± 0.15
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

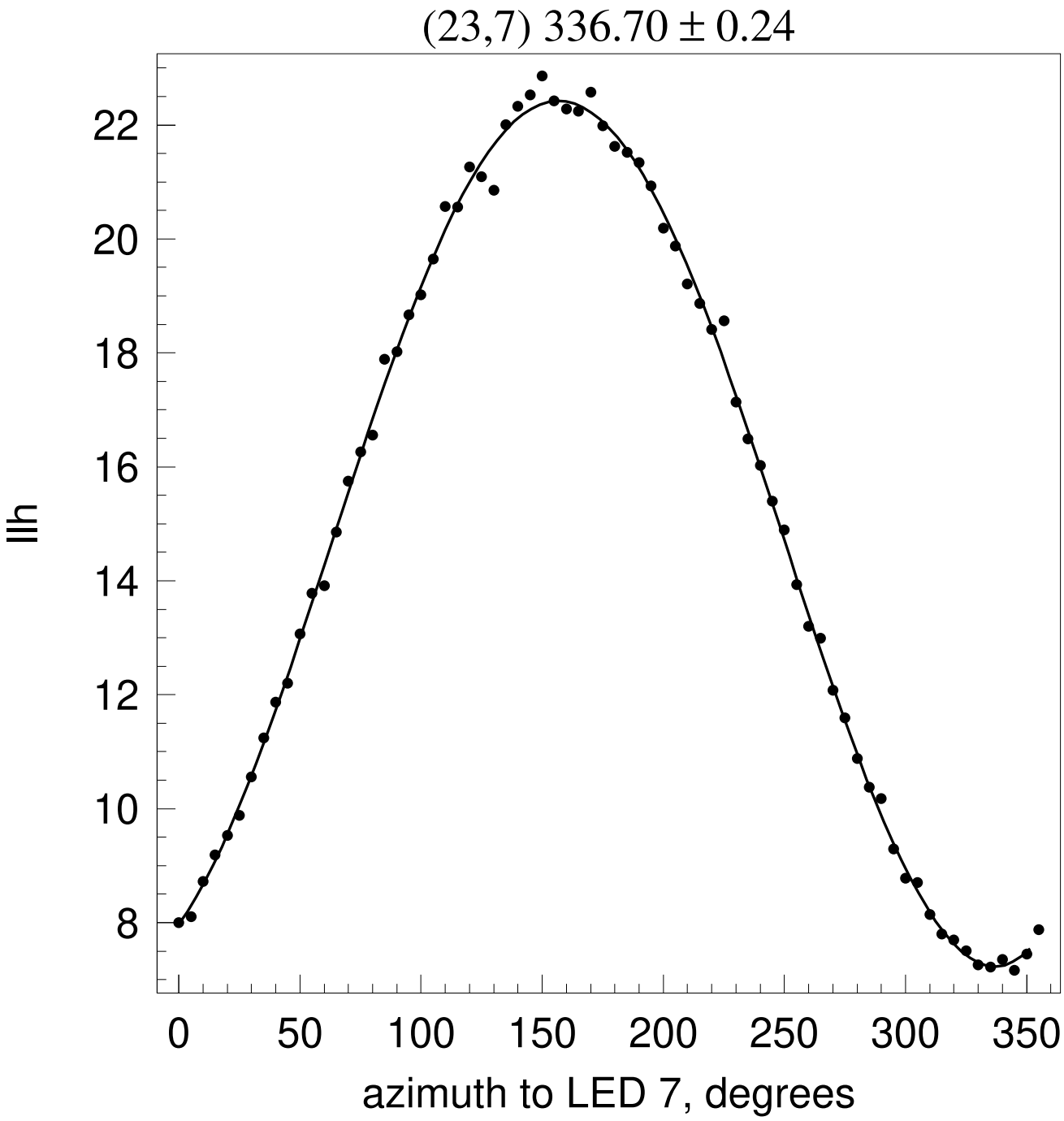

(23,2) 305.08 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

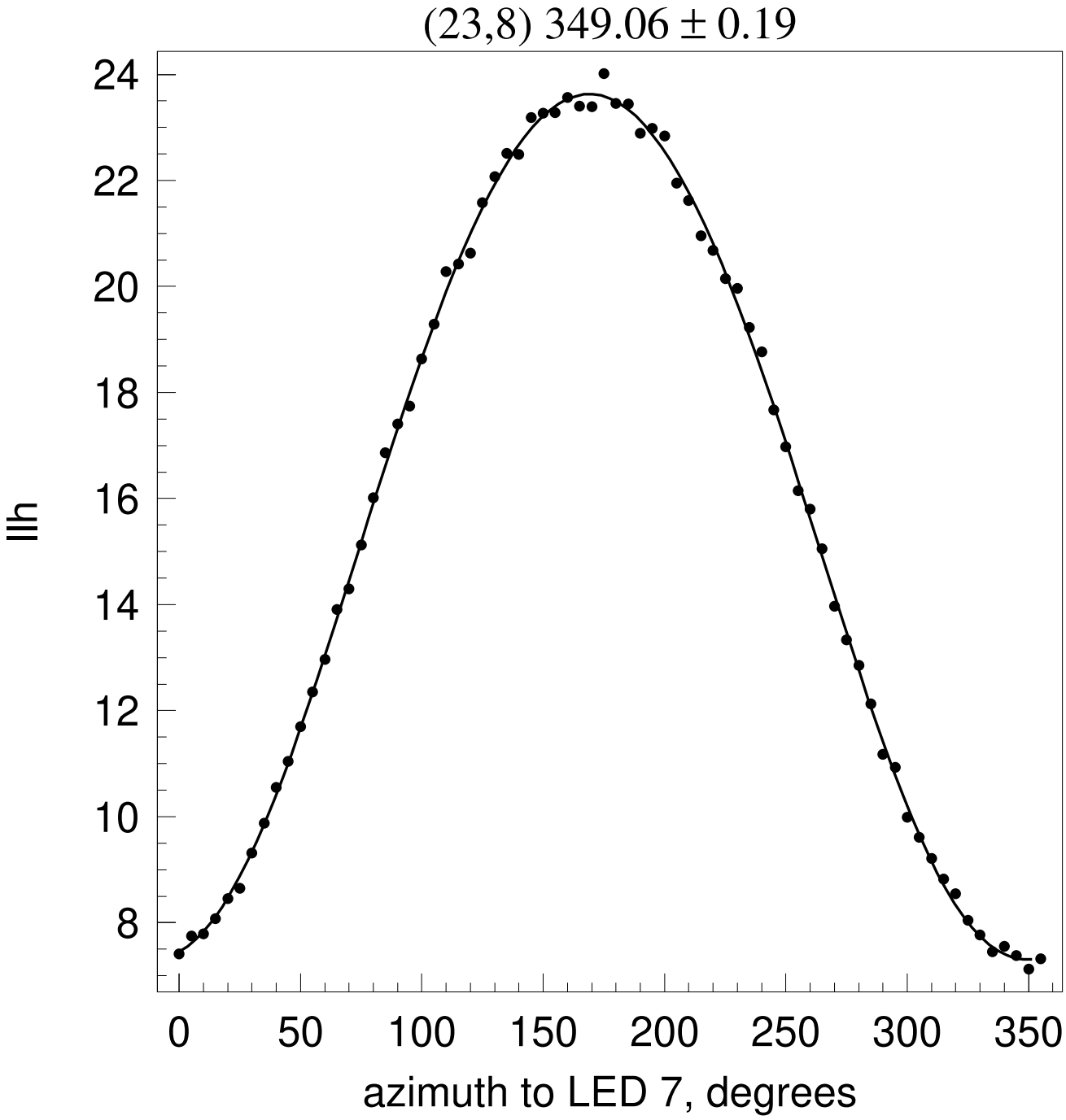

(23,3) 265.87 ± 1.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

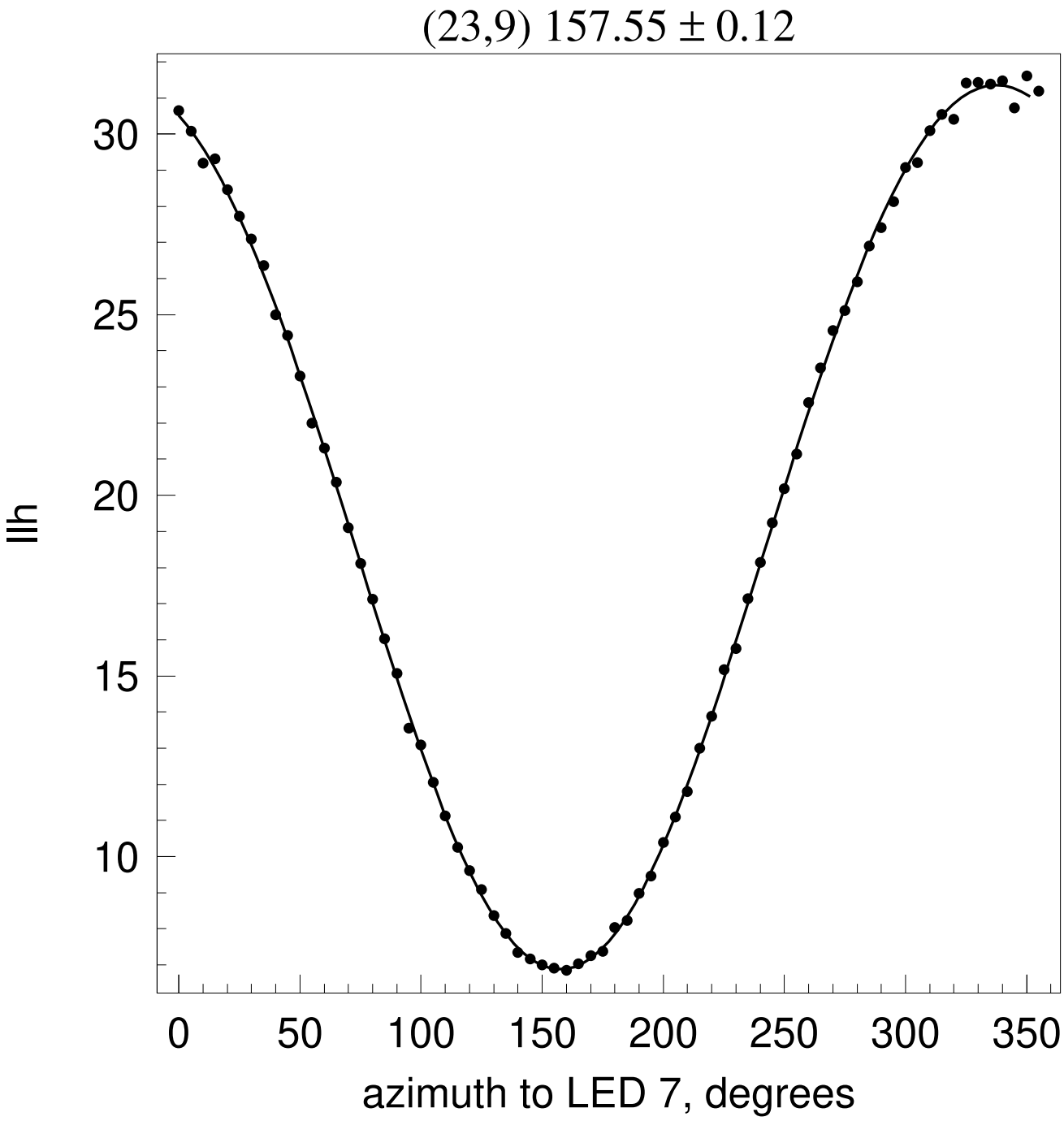

(23,4) 137.07 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

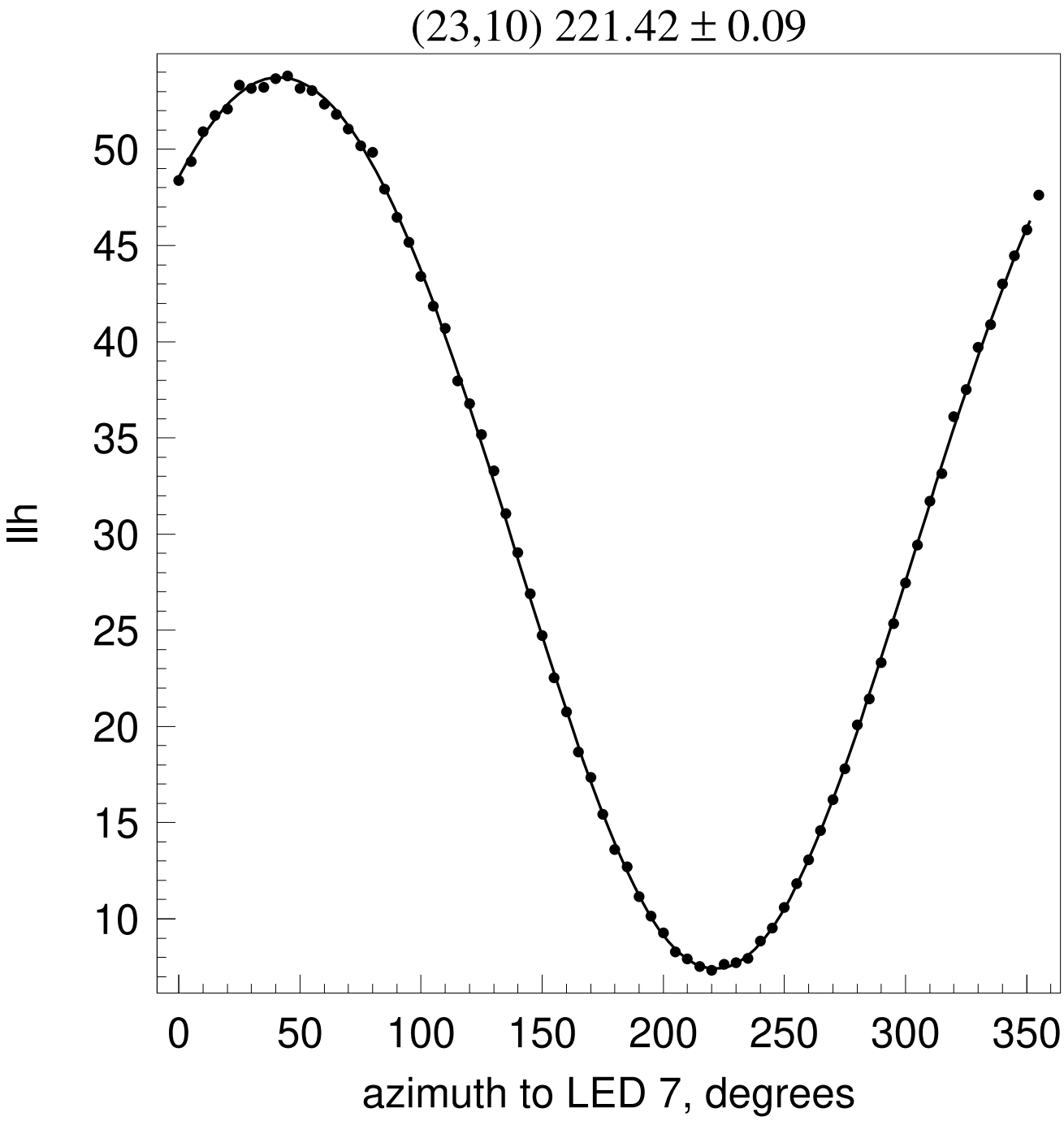

(23,5) 113.50 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

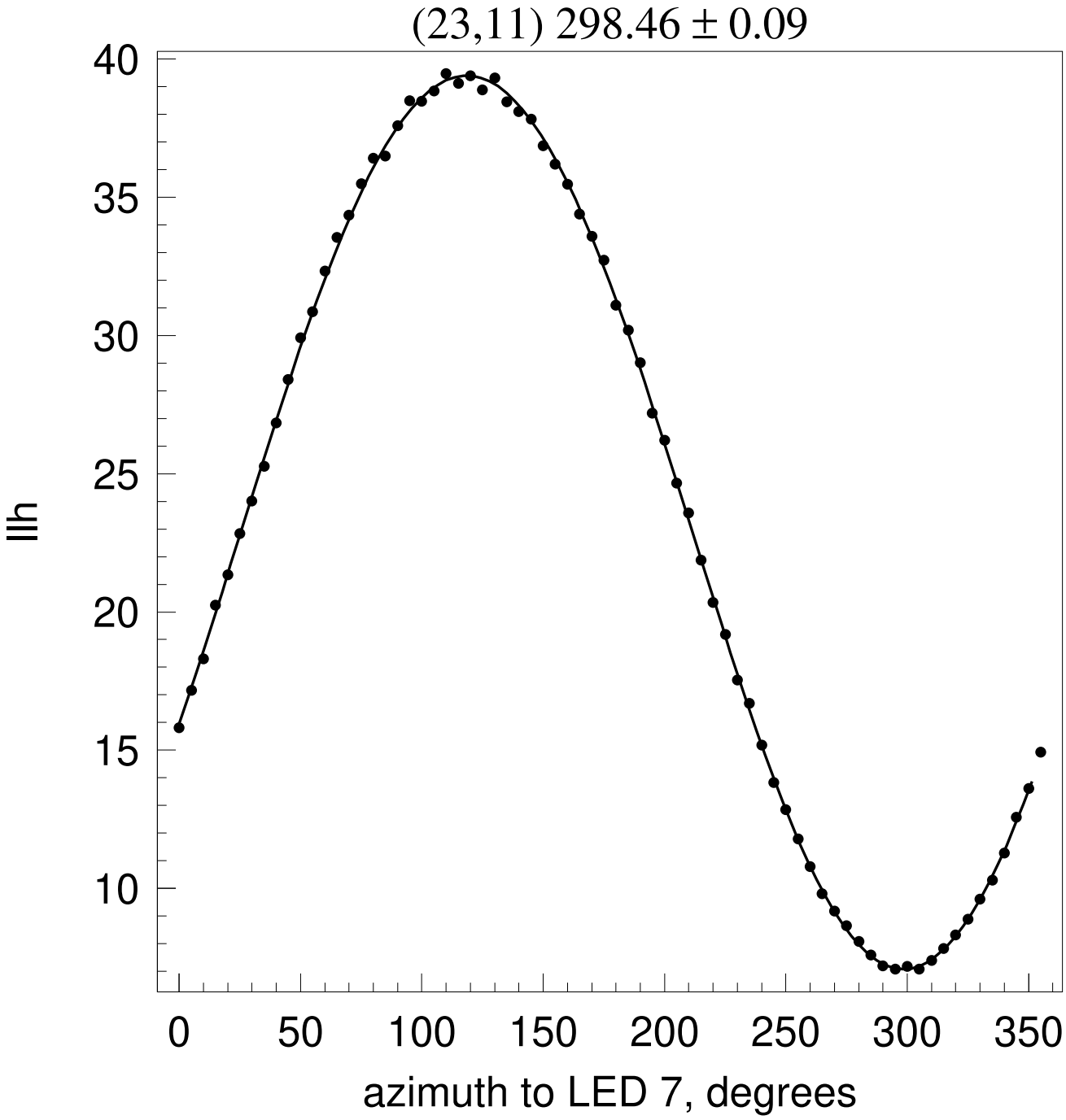

(23,6) 150.54 ± 1.16
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

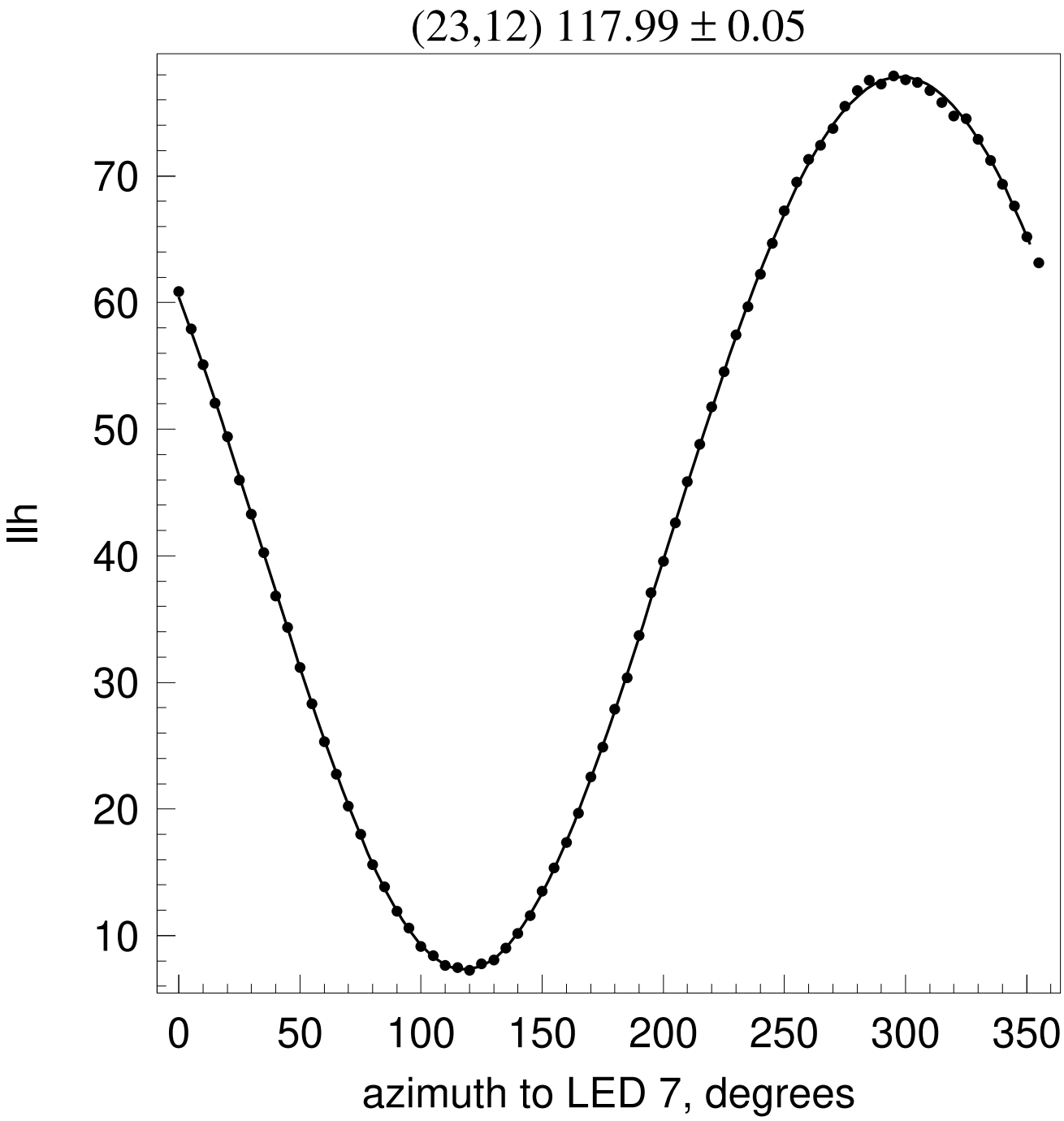

(23,7) 336.70 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

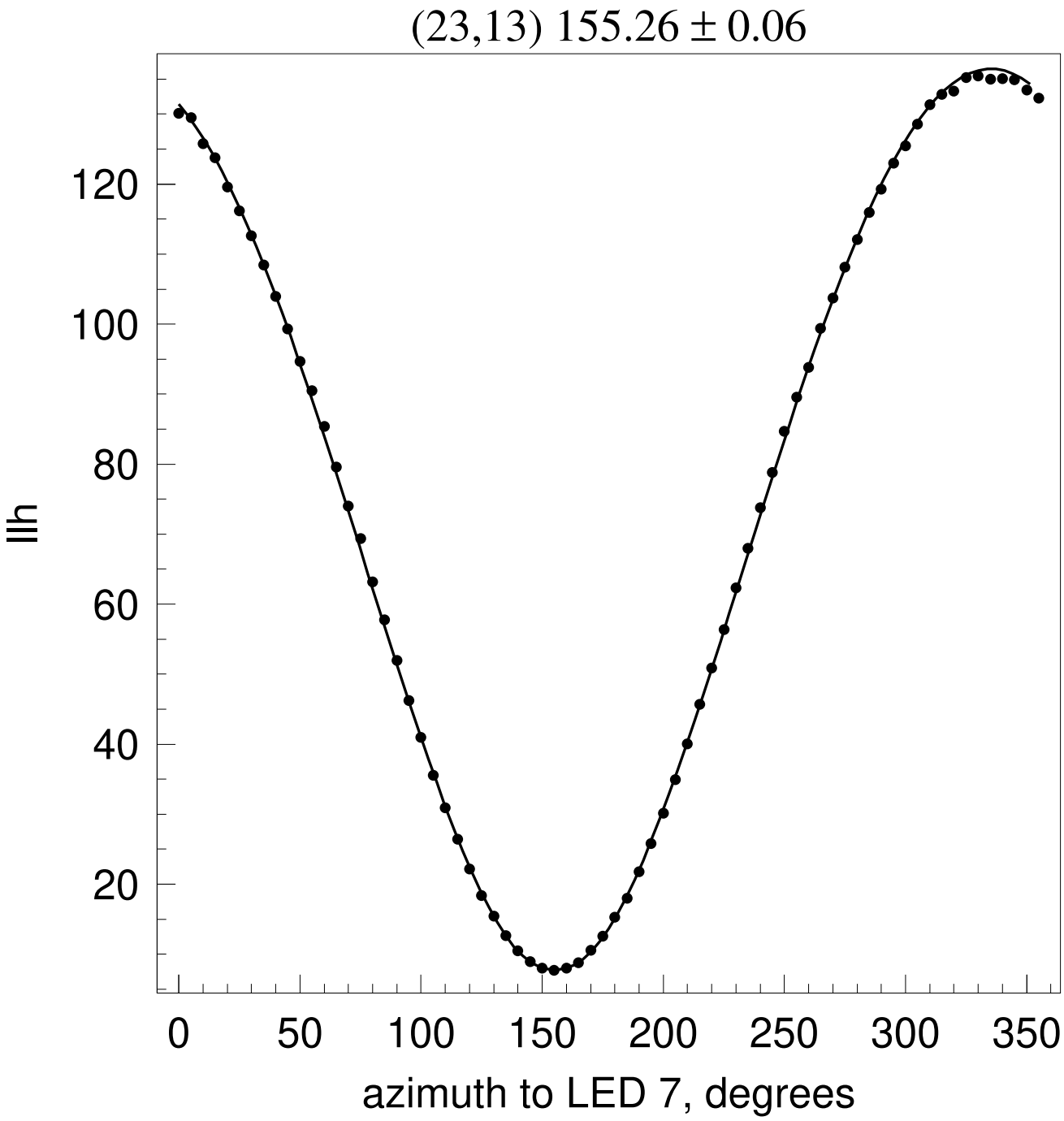

(23,8) 349.06 ± 0.19
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

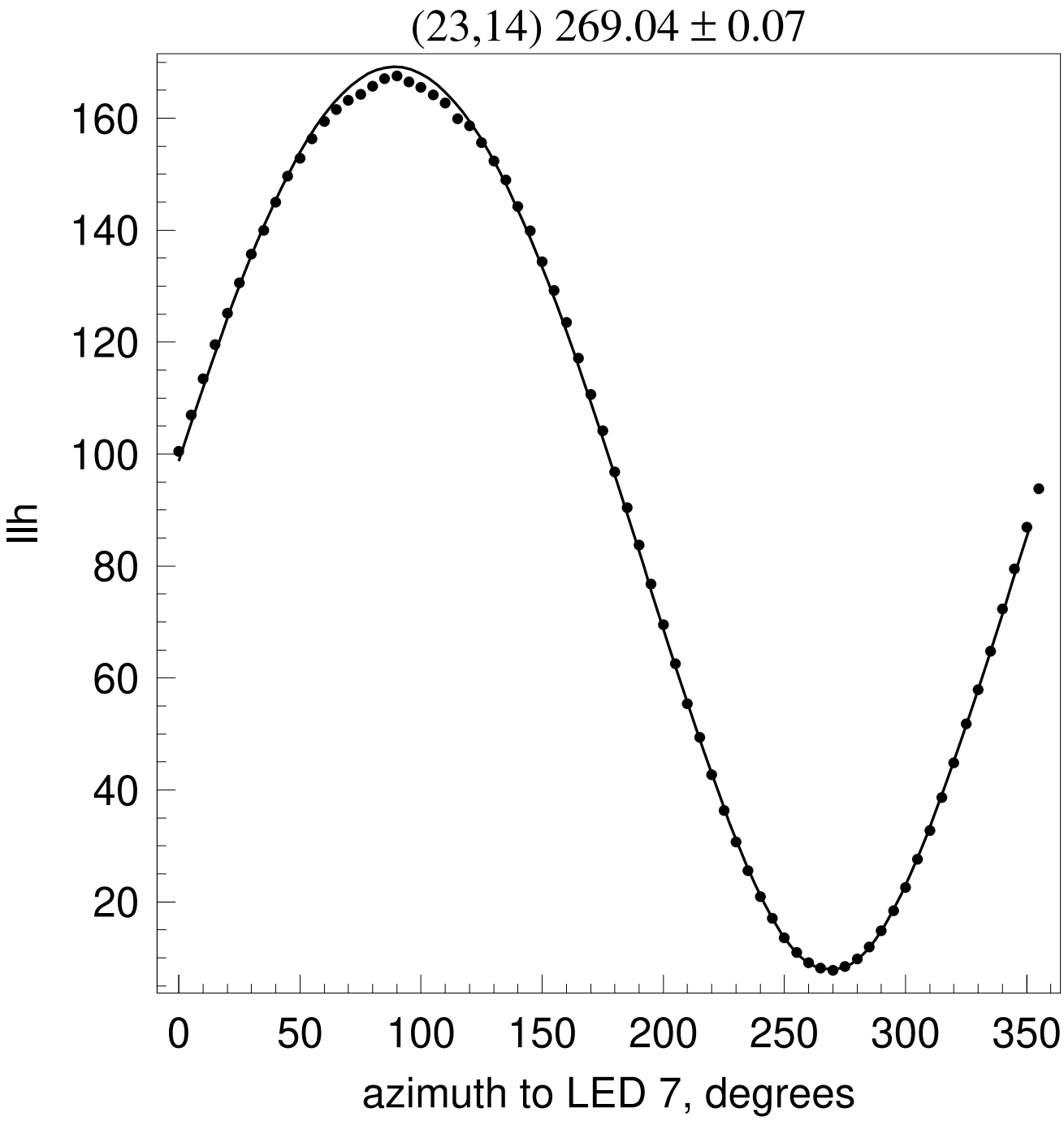

(23,9) 157.55 ± 0.12
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

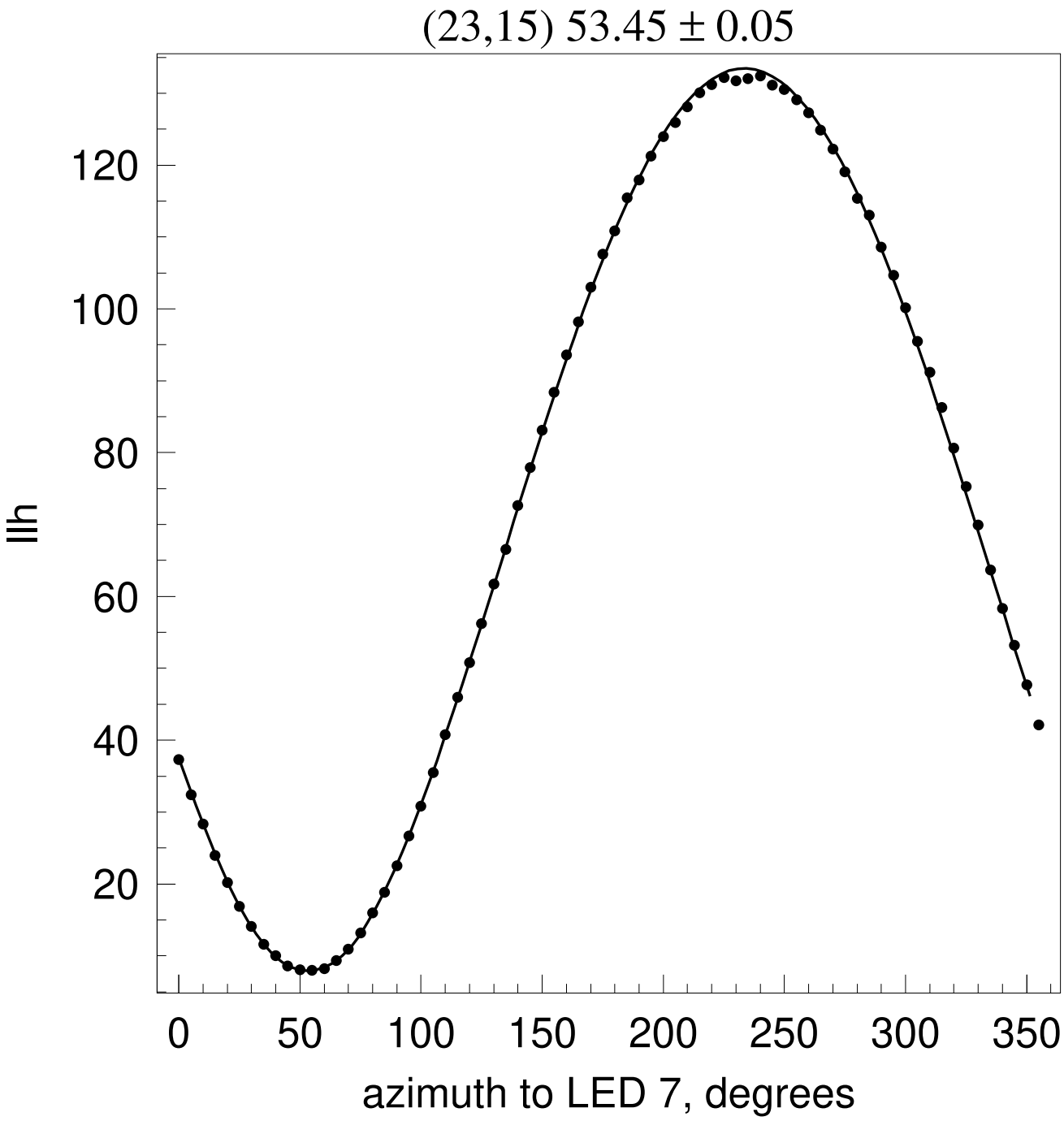

(23,10) 221.42 ± 0.09
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

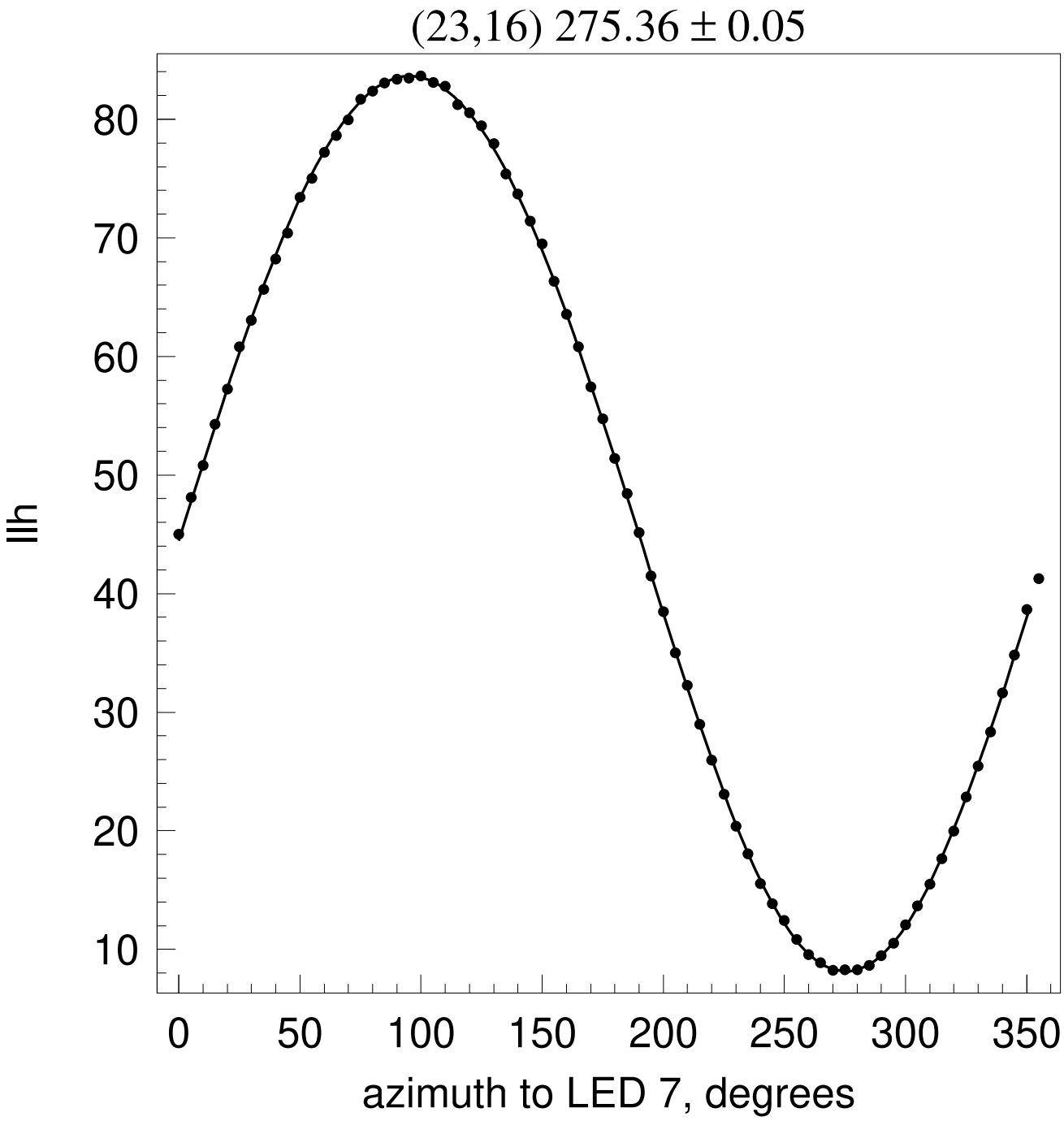

(23,11) 298.46 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

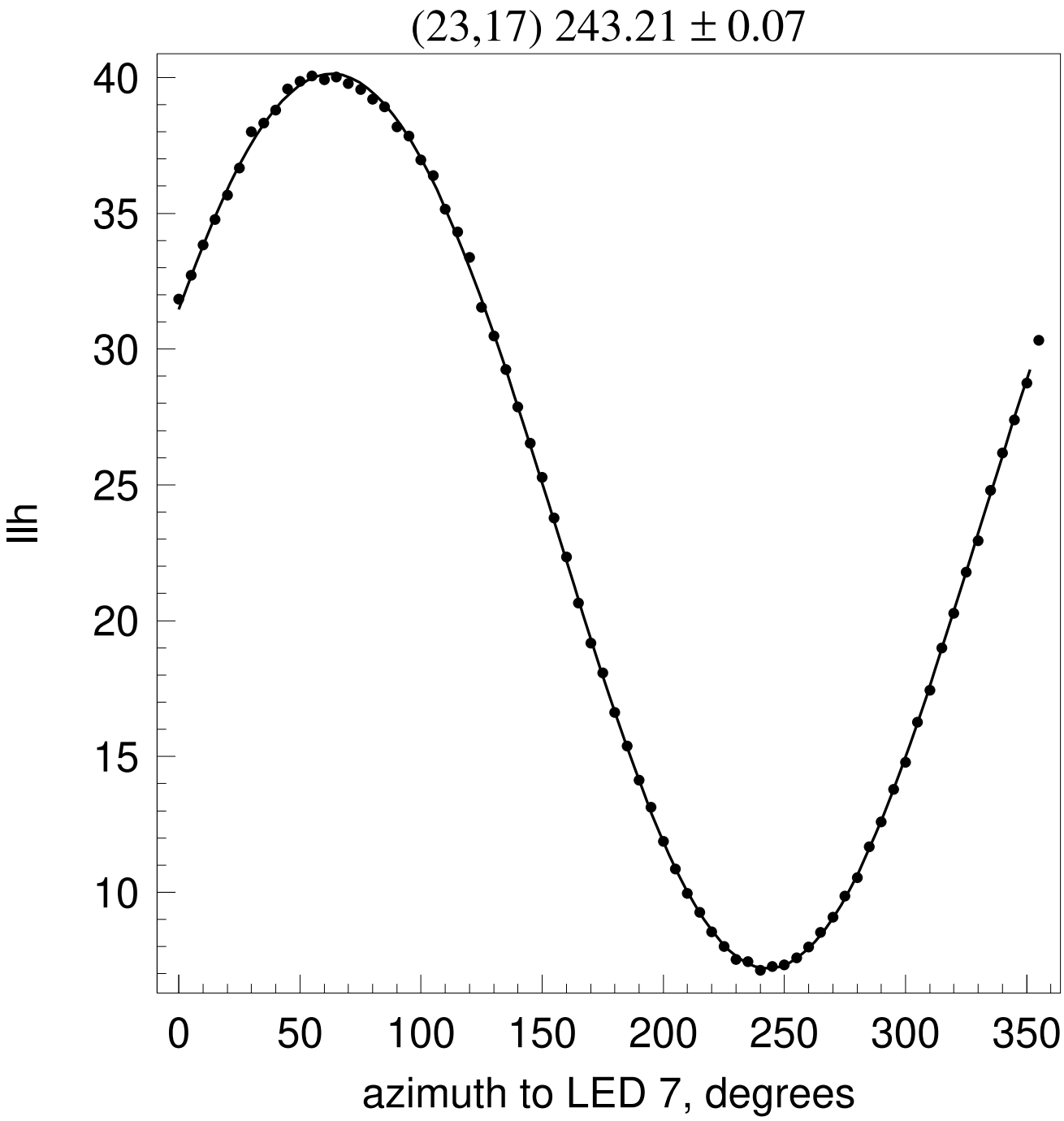

(23,12) 117.99 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

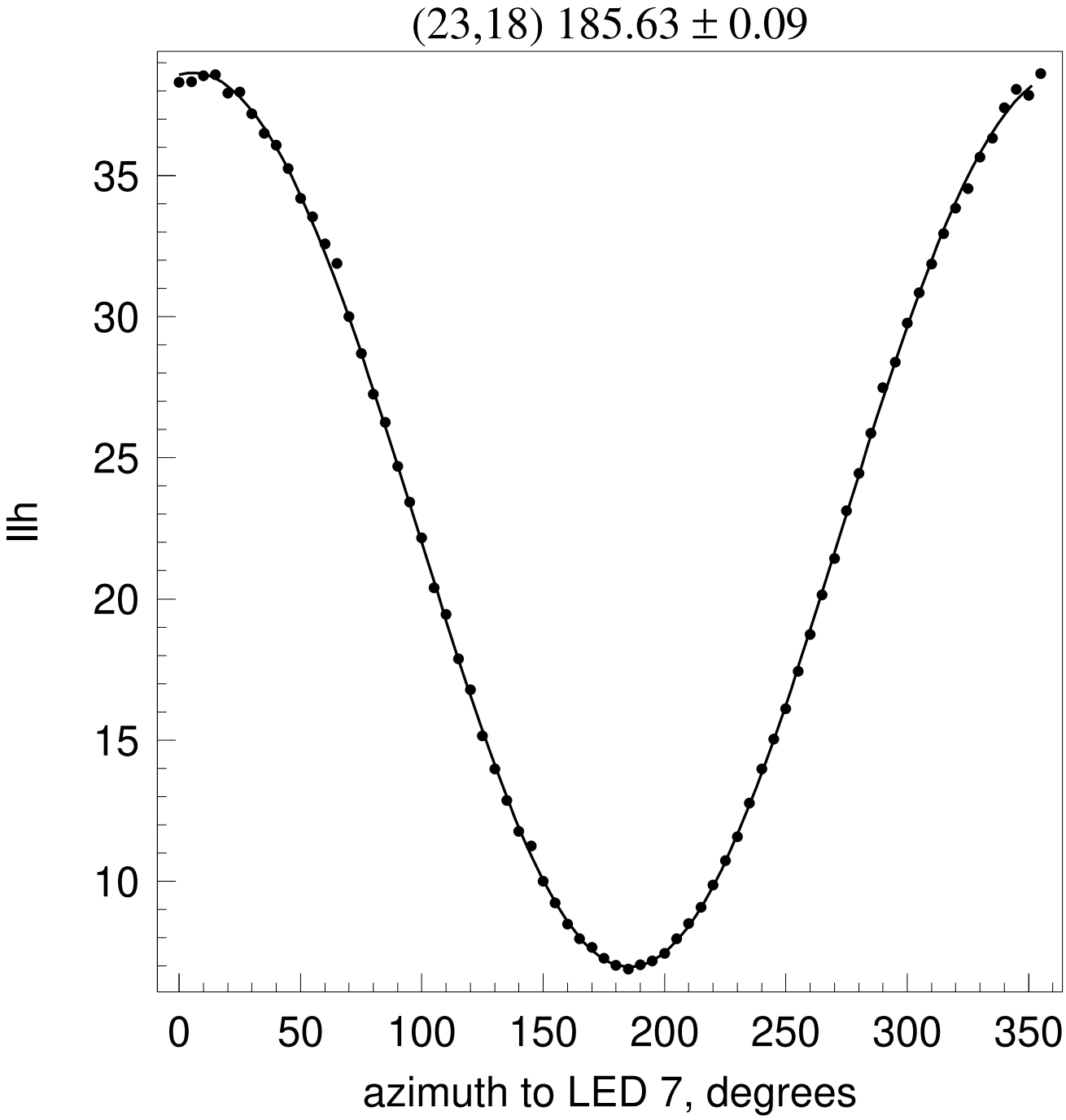

(23,13) 155.26 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

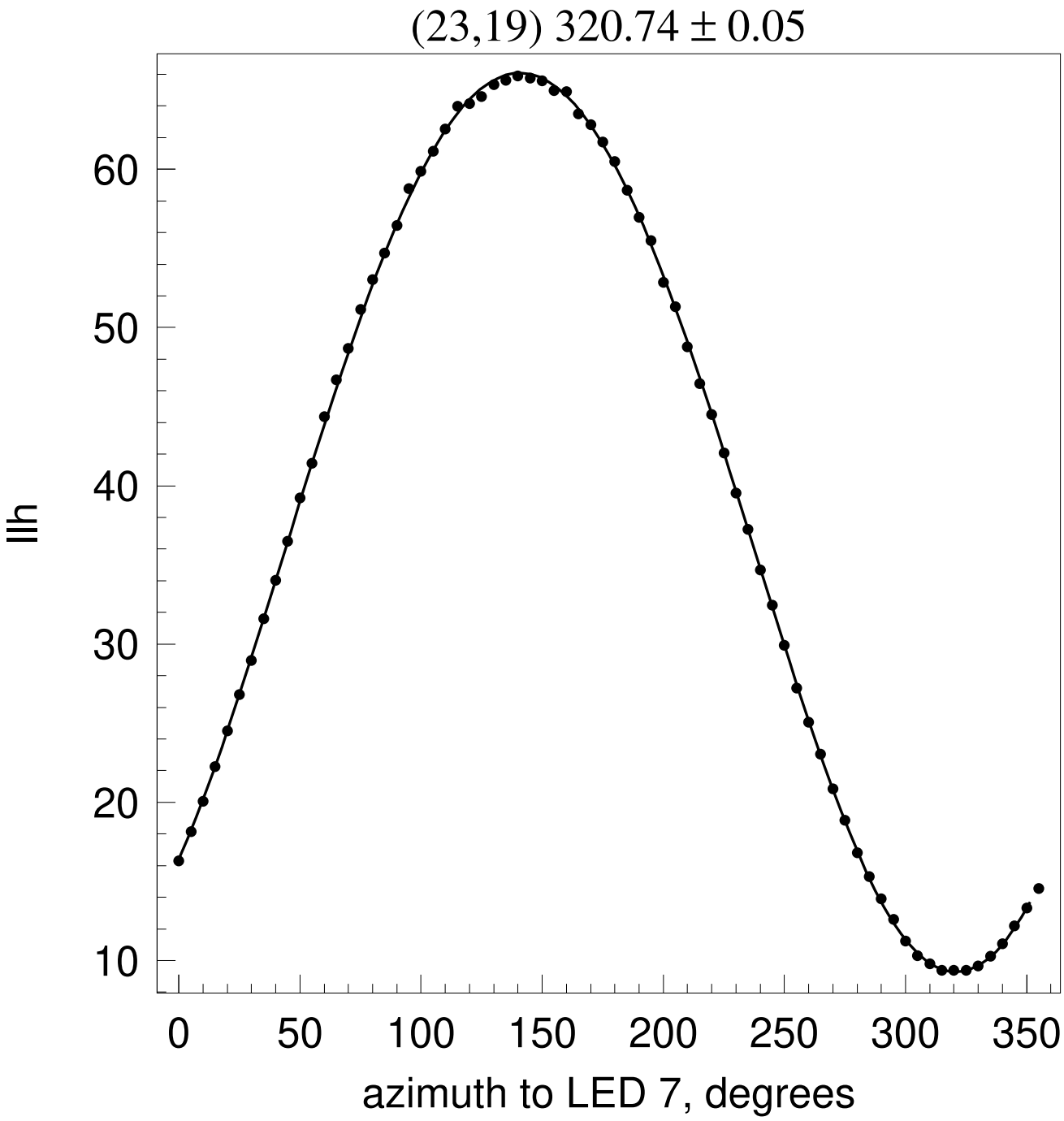

(23,14) 269.04 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

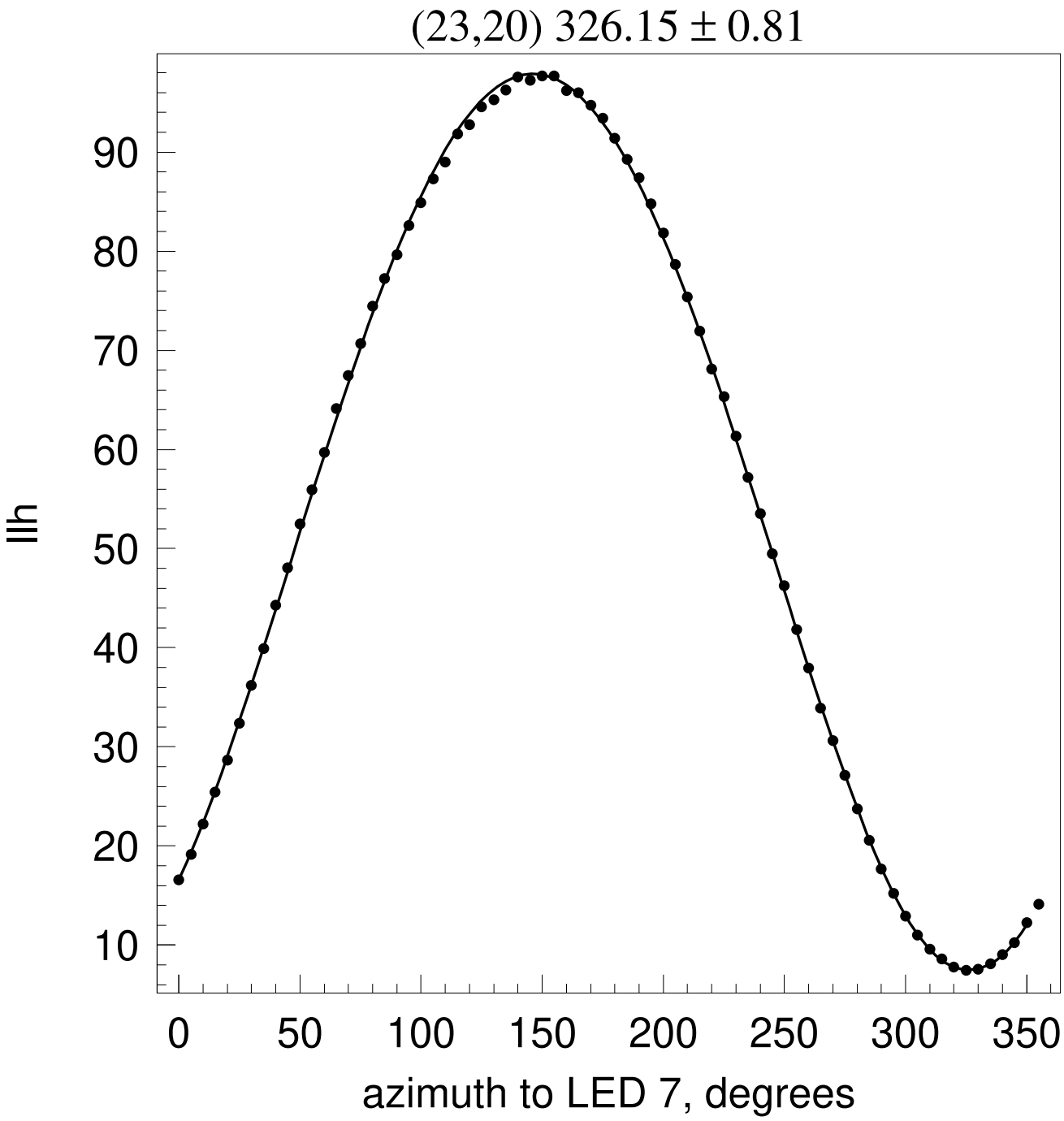

(23,15) 53.45 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

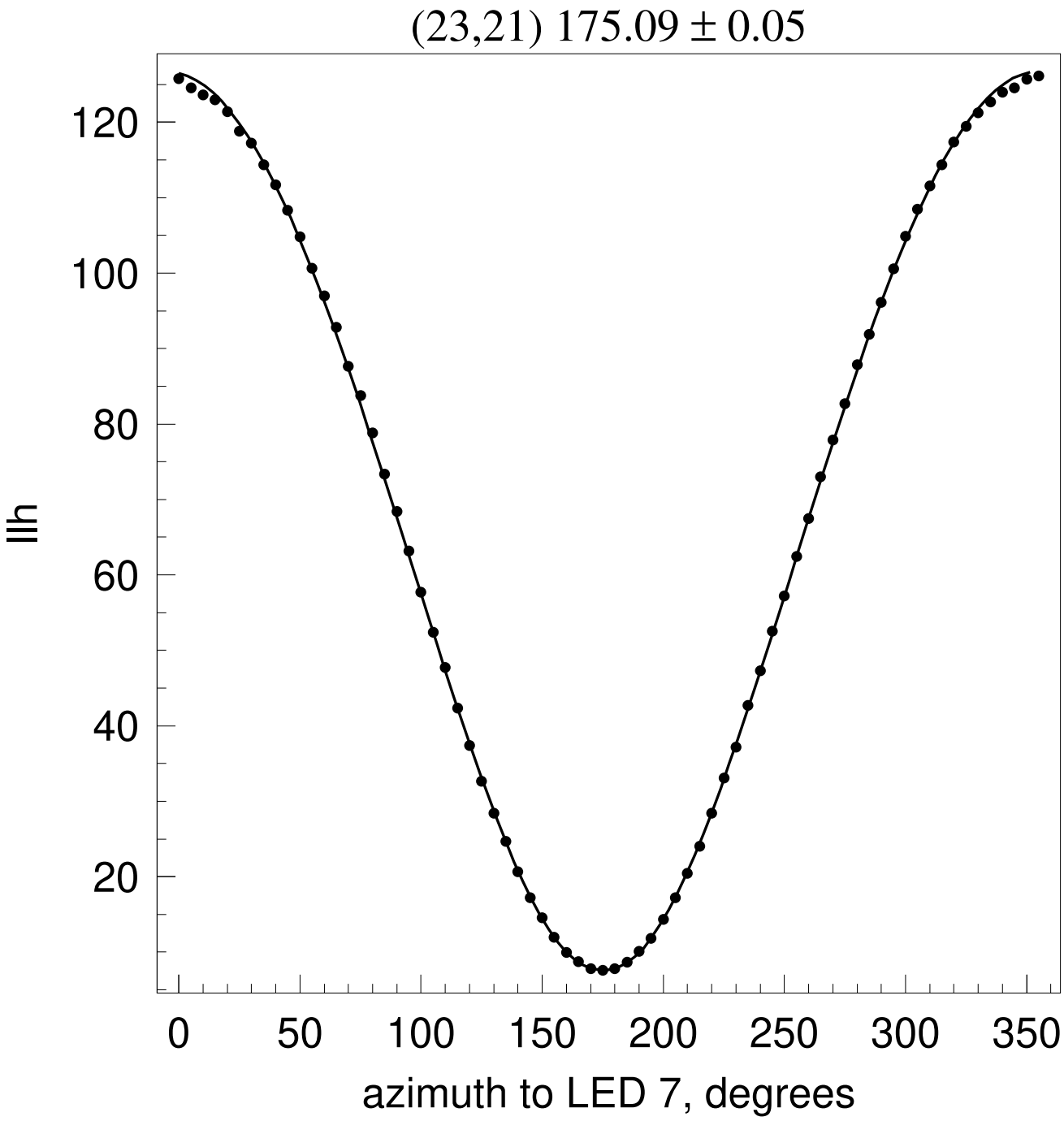

(23,16) 275.36 ± 0.05
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

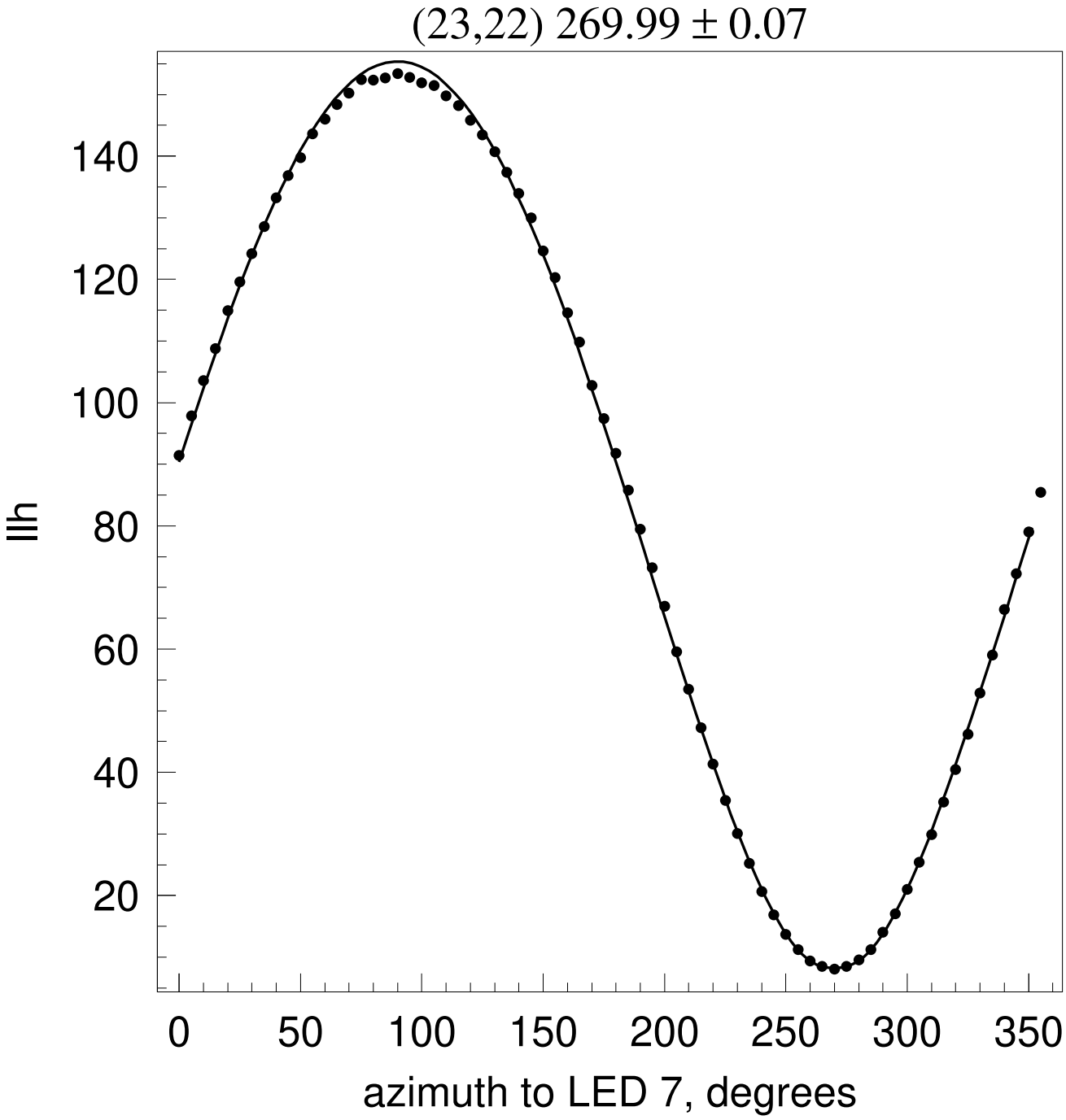

(23,17) 243.21 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

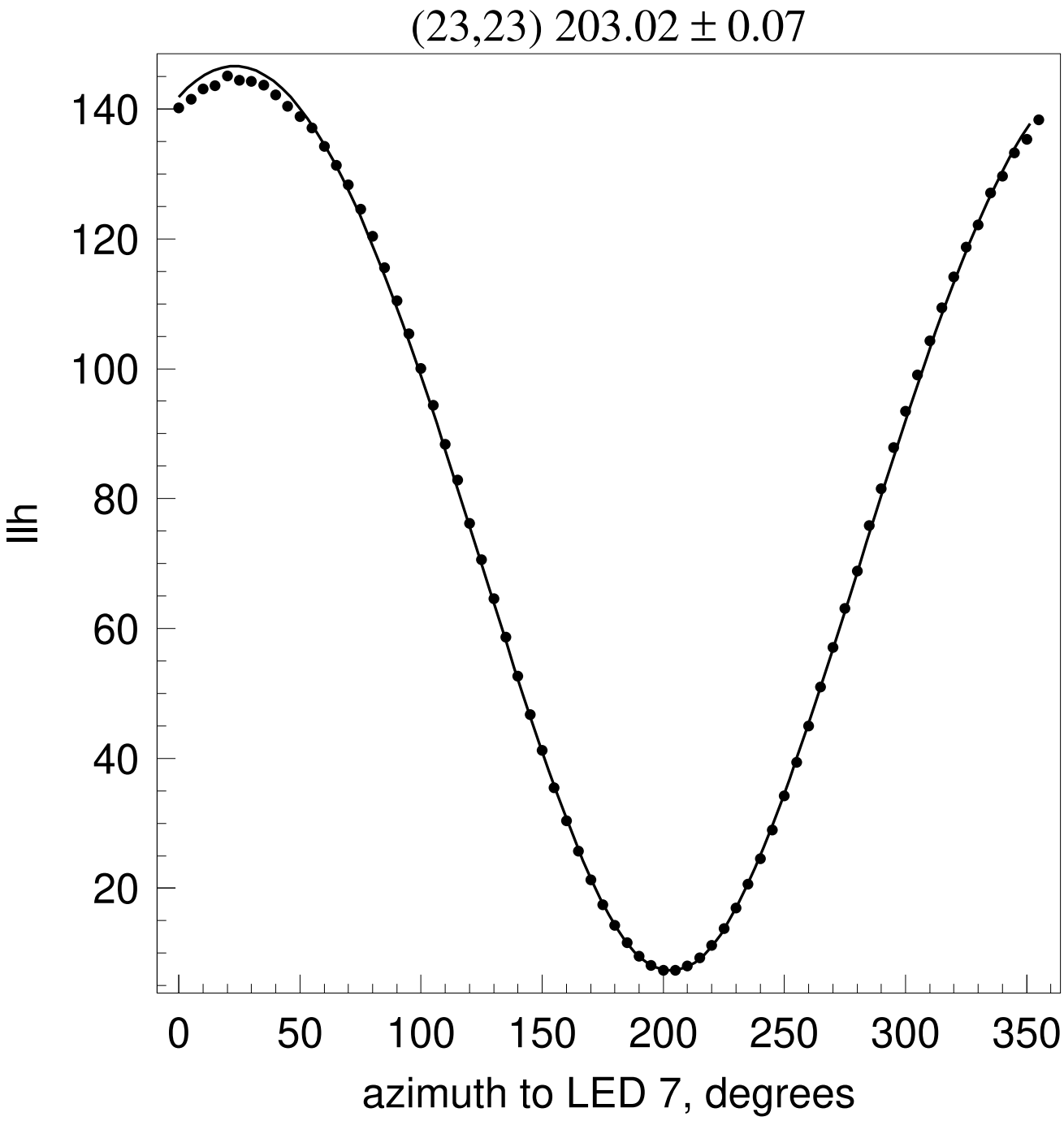

(23,18) 185.63 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

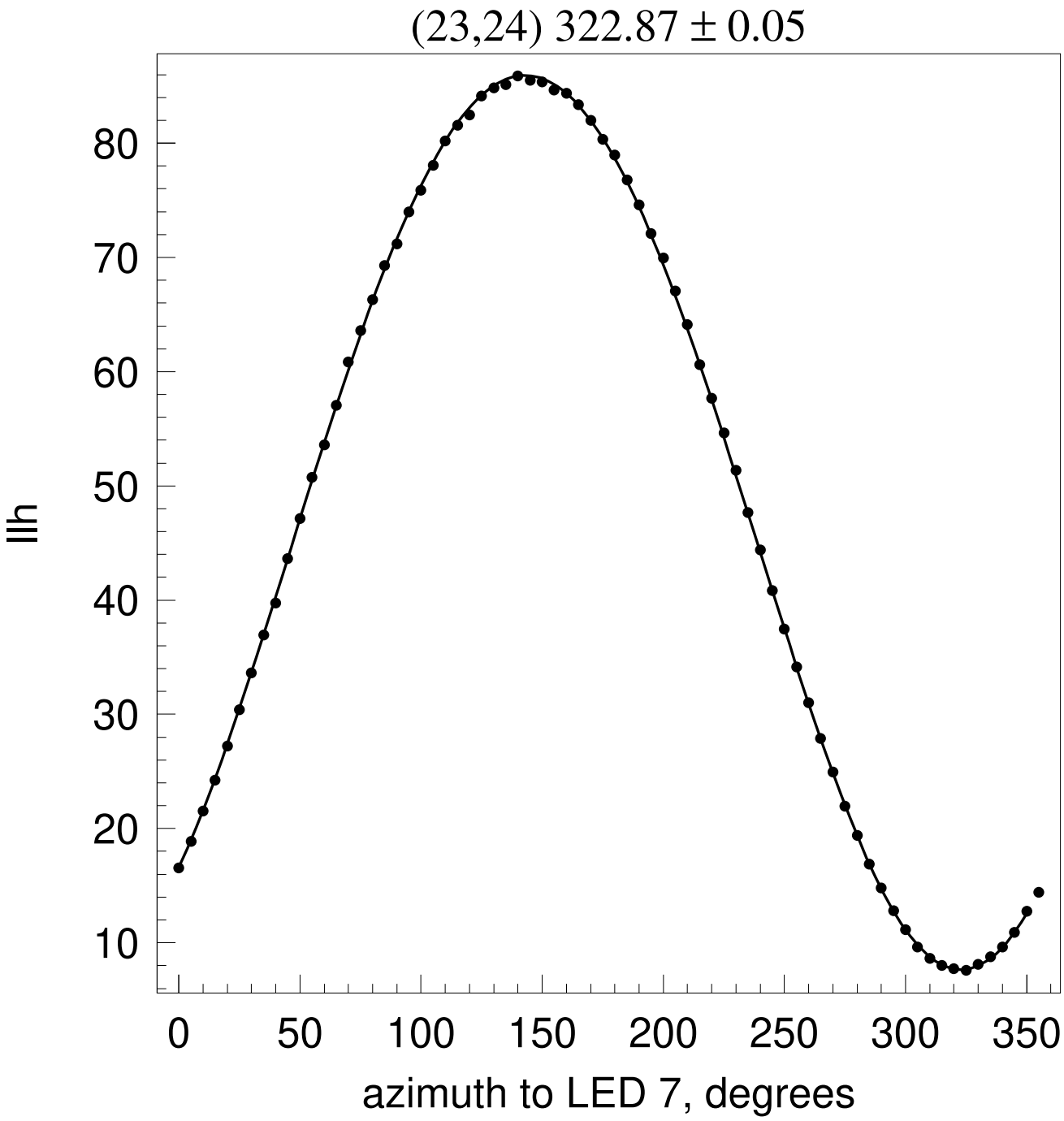

(23,19) 320.74 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

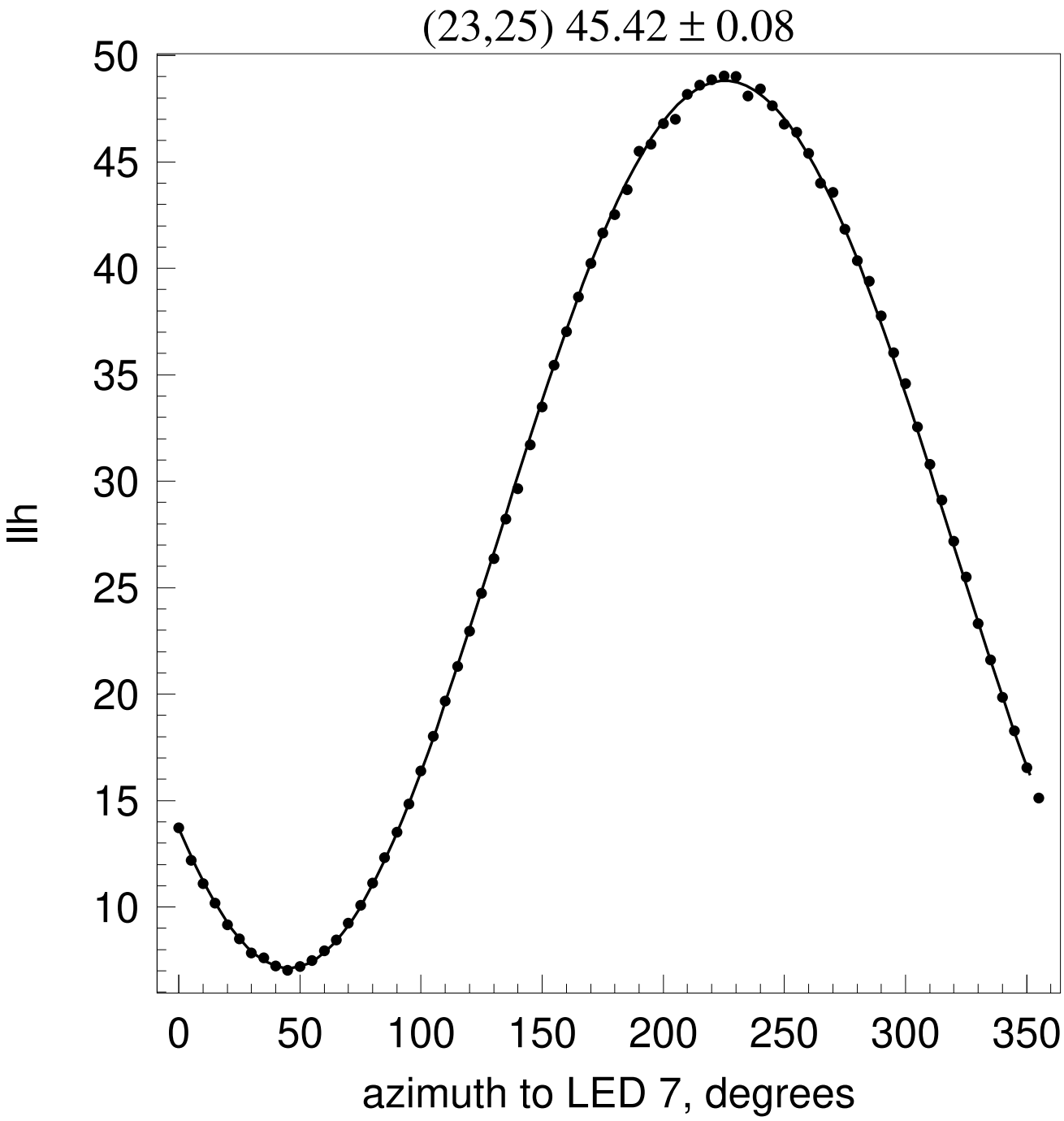

(23,20) 326.15 ± 0.81
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

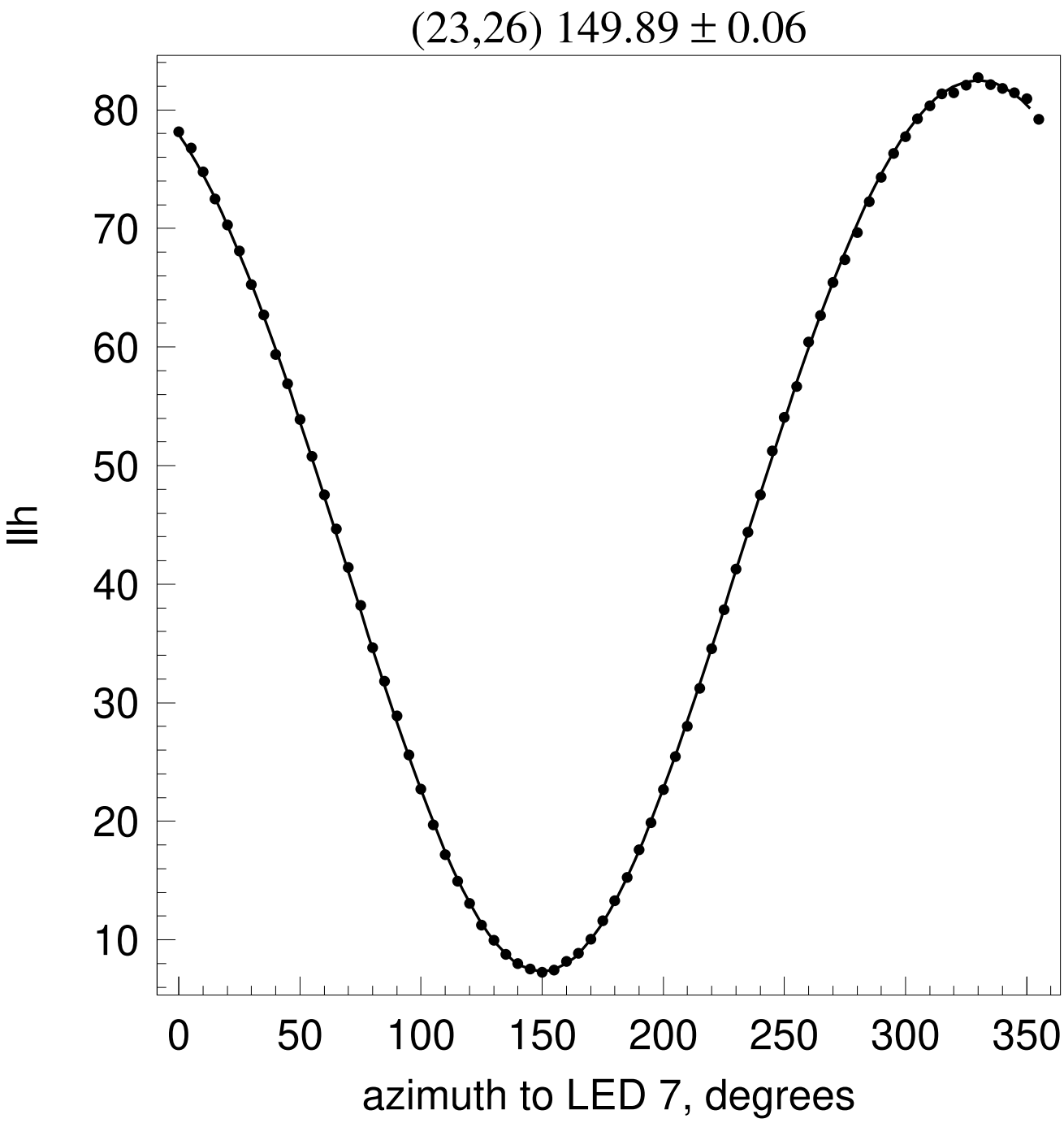

(23,21) 175.09 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

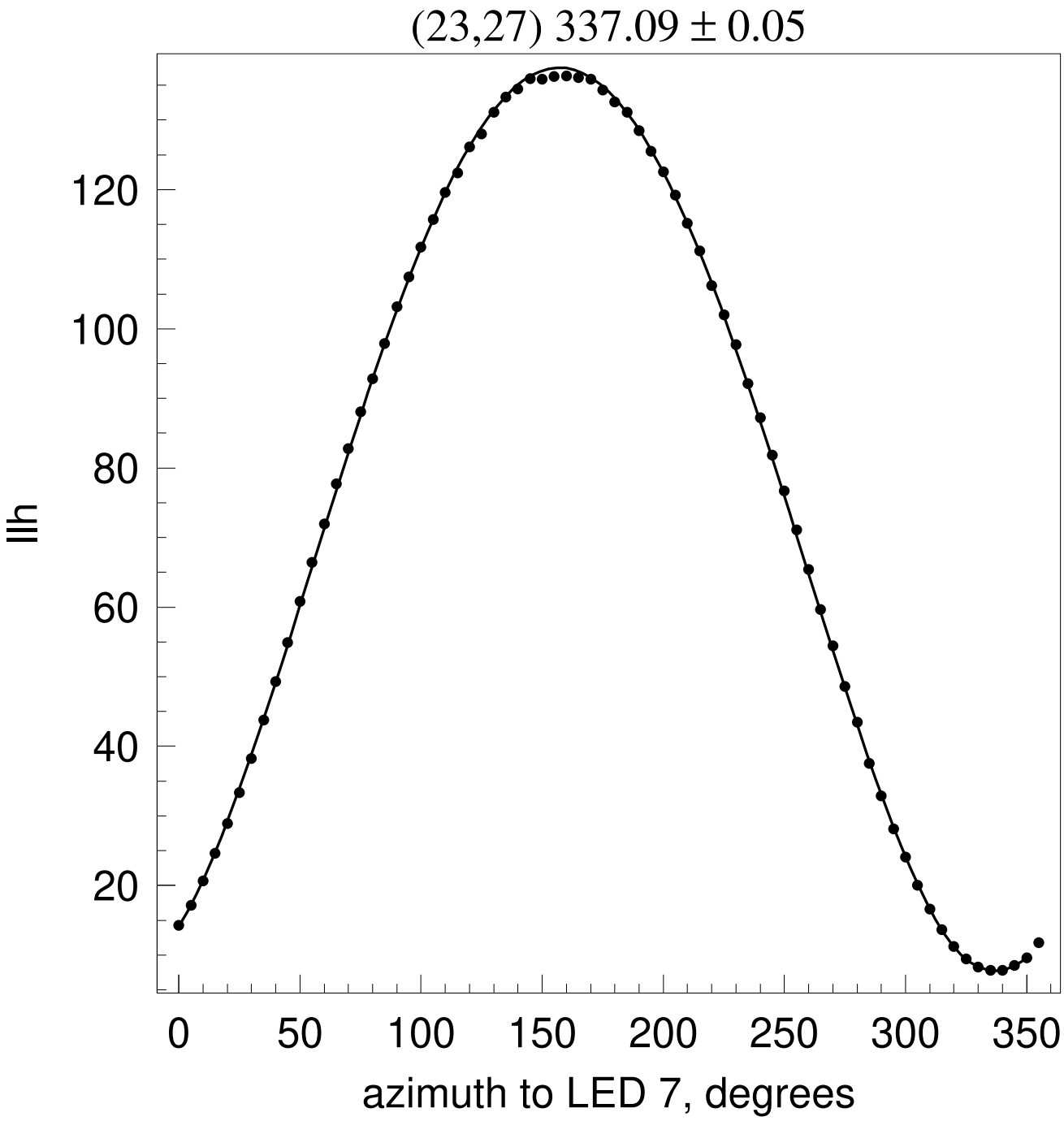

(23,22) 269.99 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

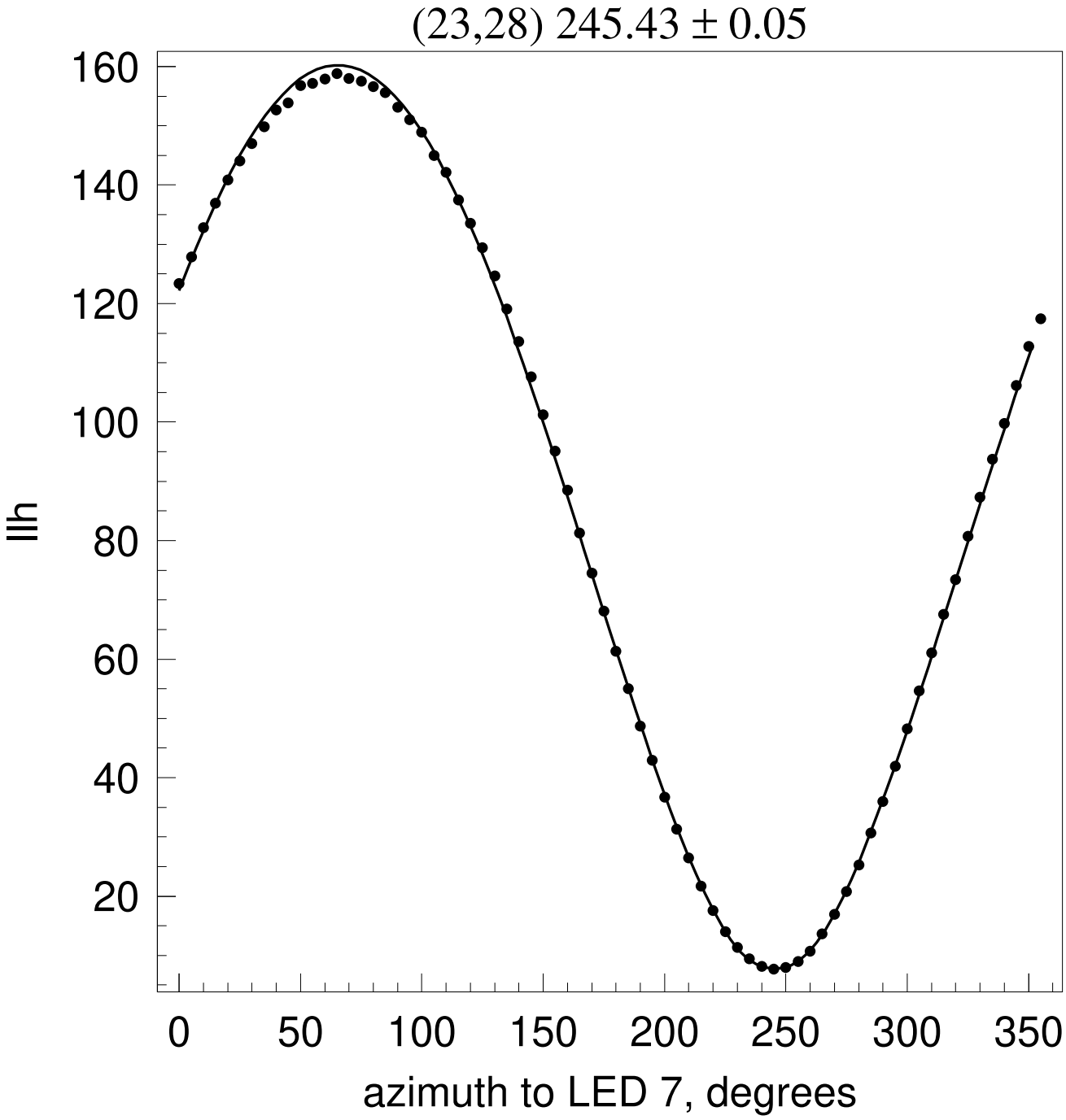

(23,23) 203.02 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

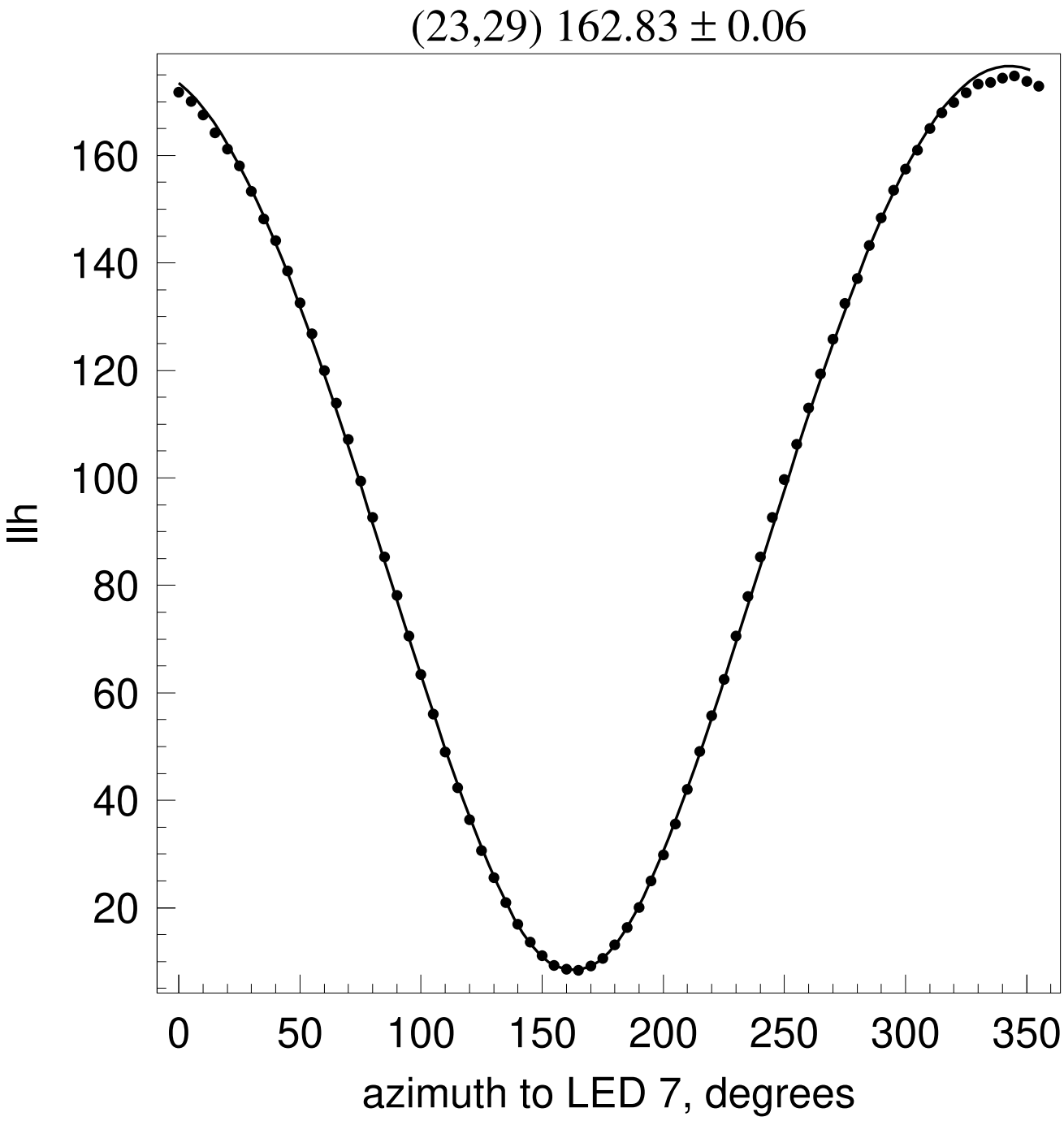

(23,24) 322.87 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

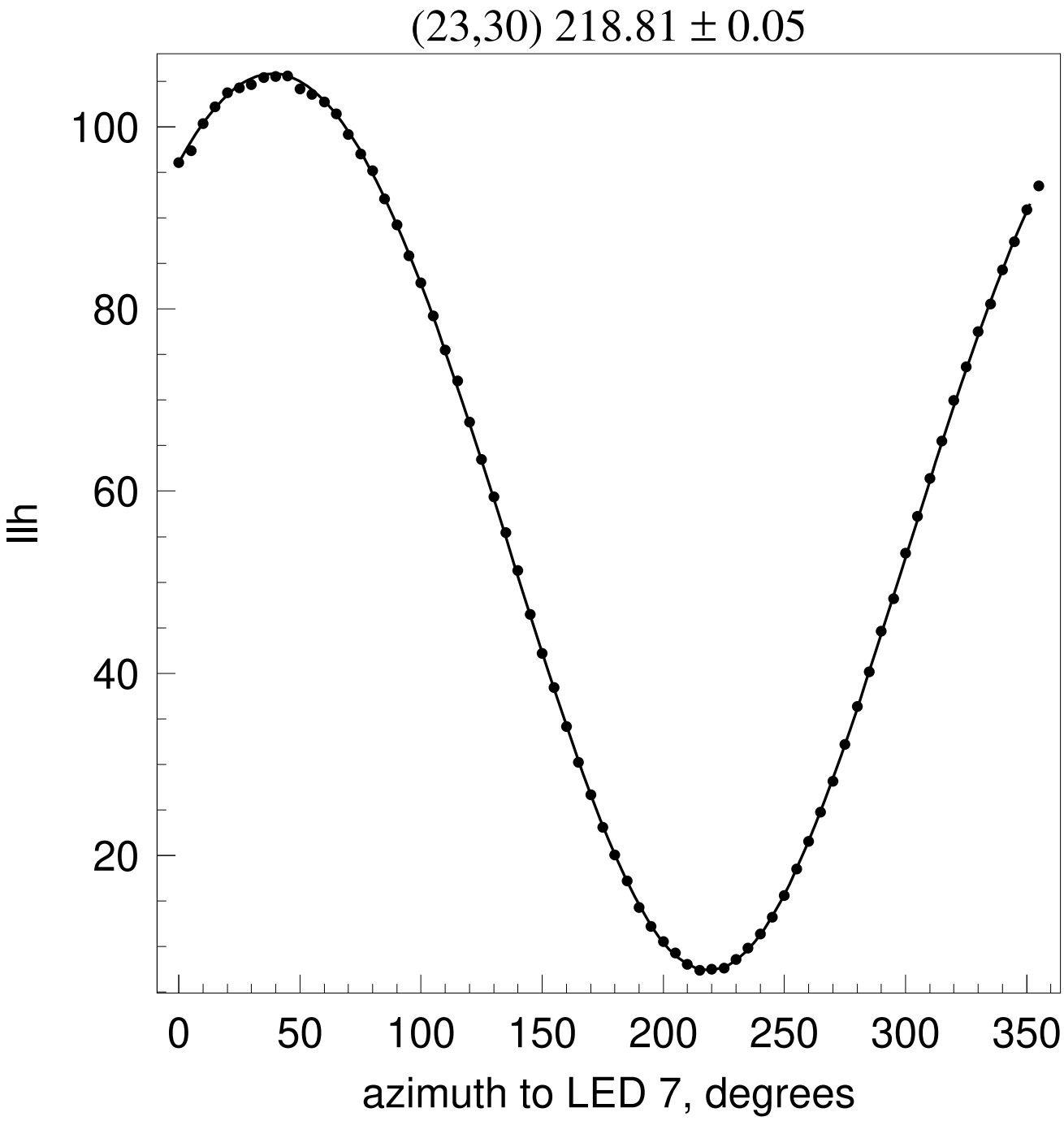

(23,25) 45.42 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

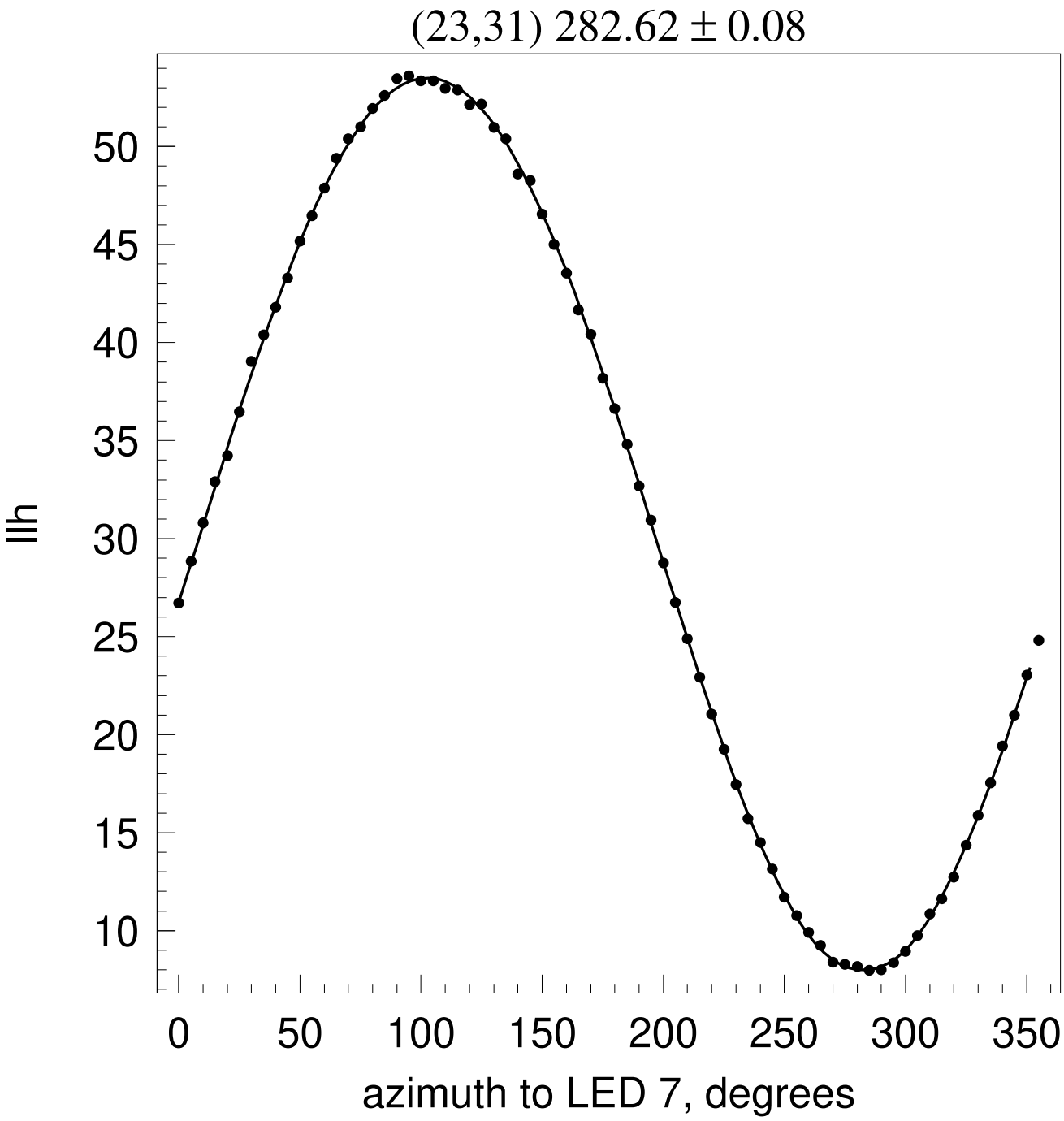

(23,26) 149.89 ± 0.06
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

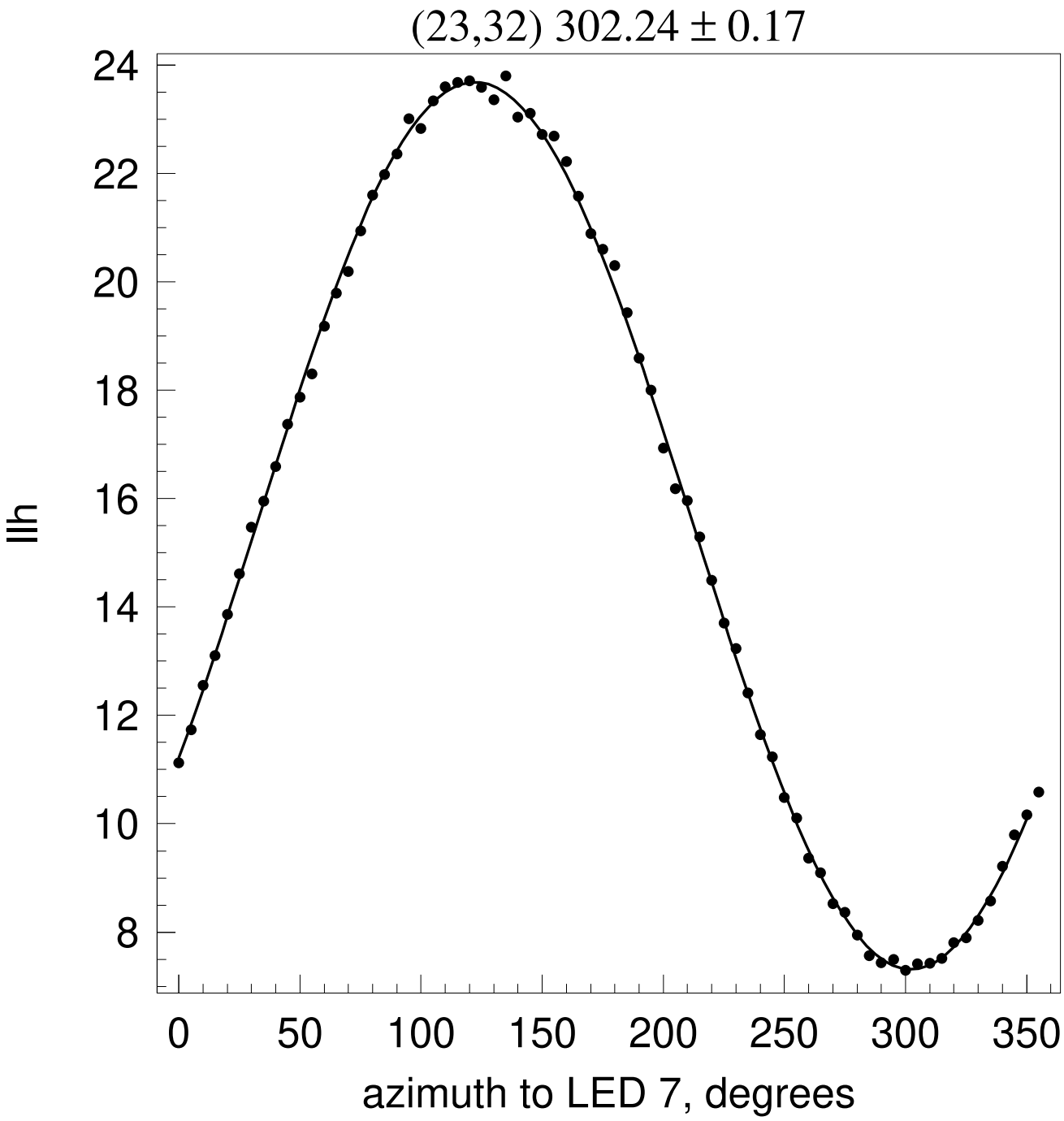

(23,27) 337.09 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

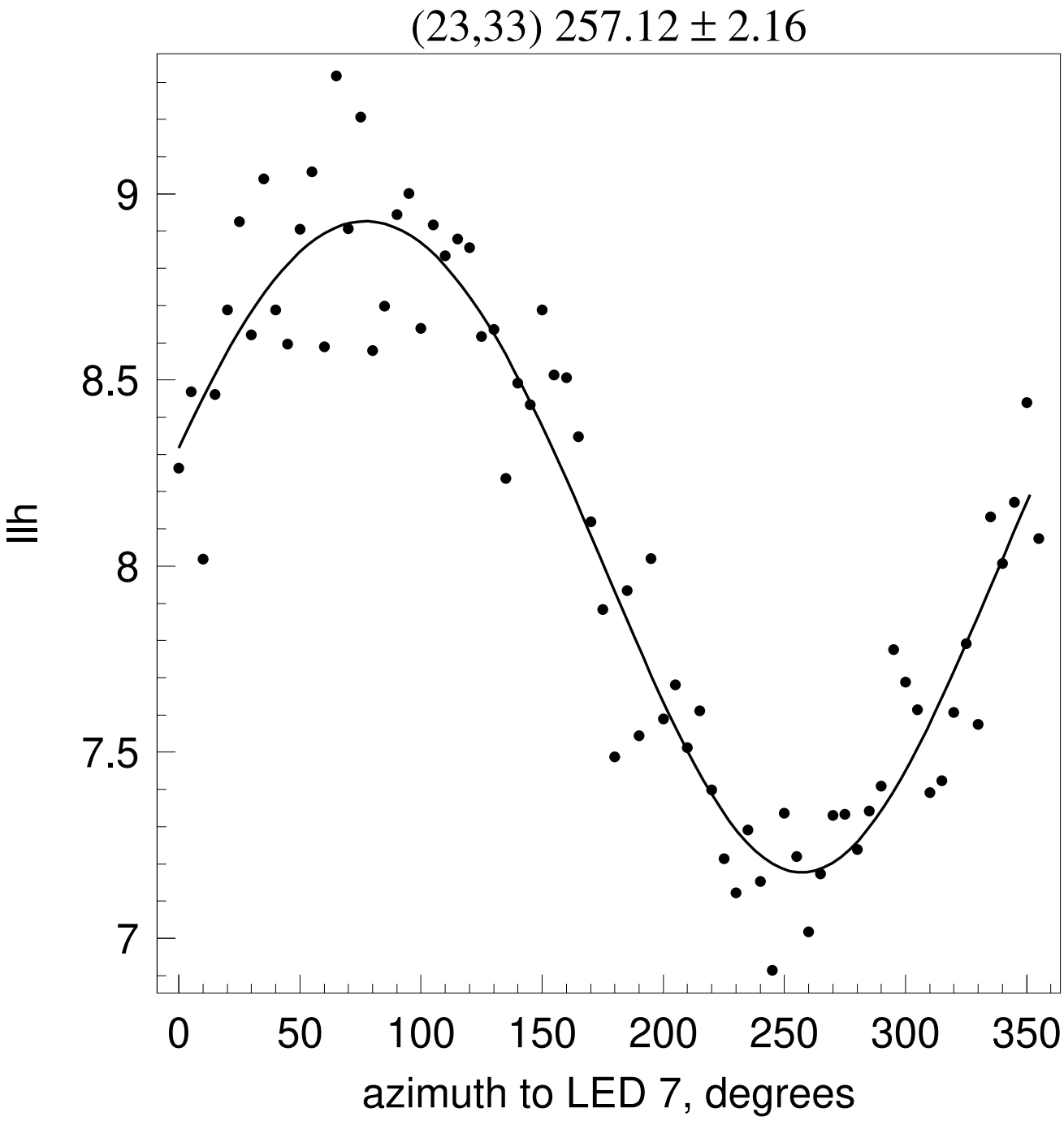

(23,28) 245.43 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

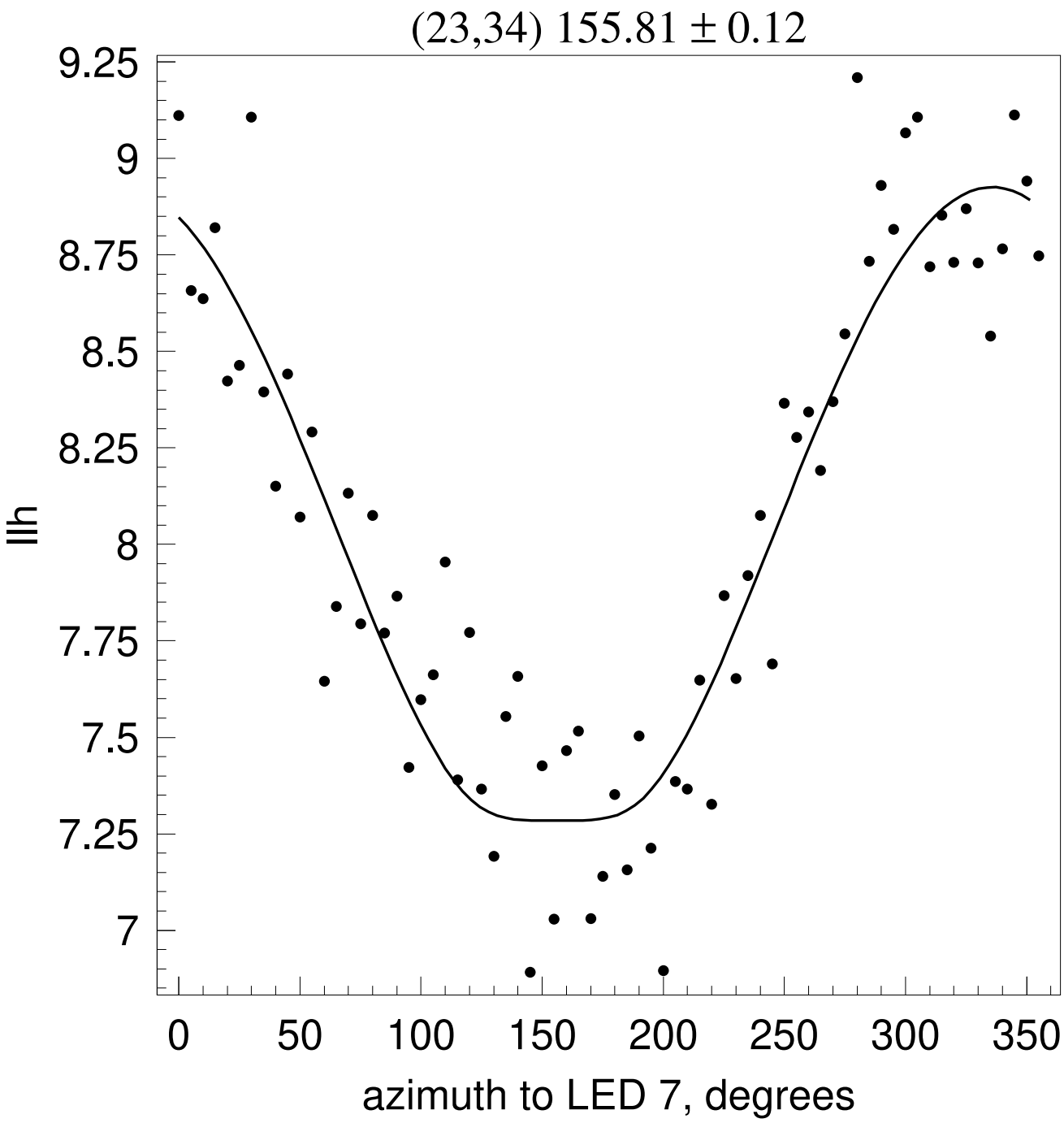

(23,29) 162.83 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

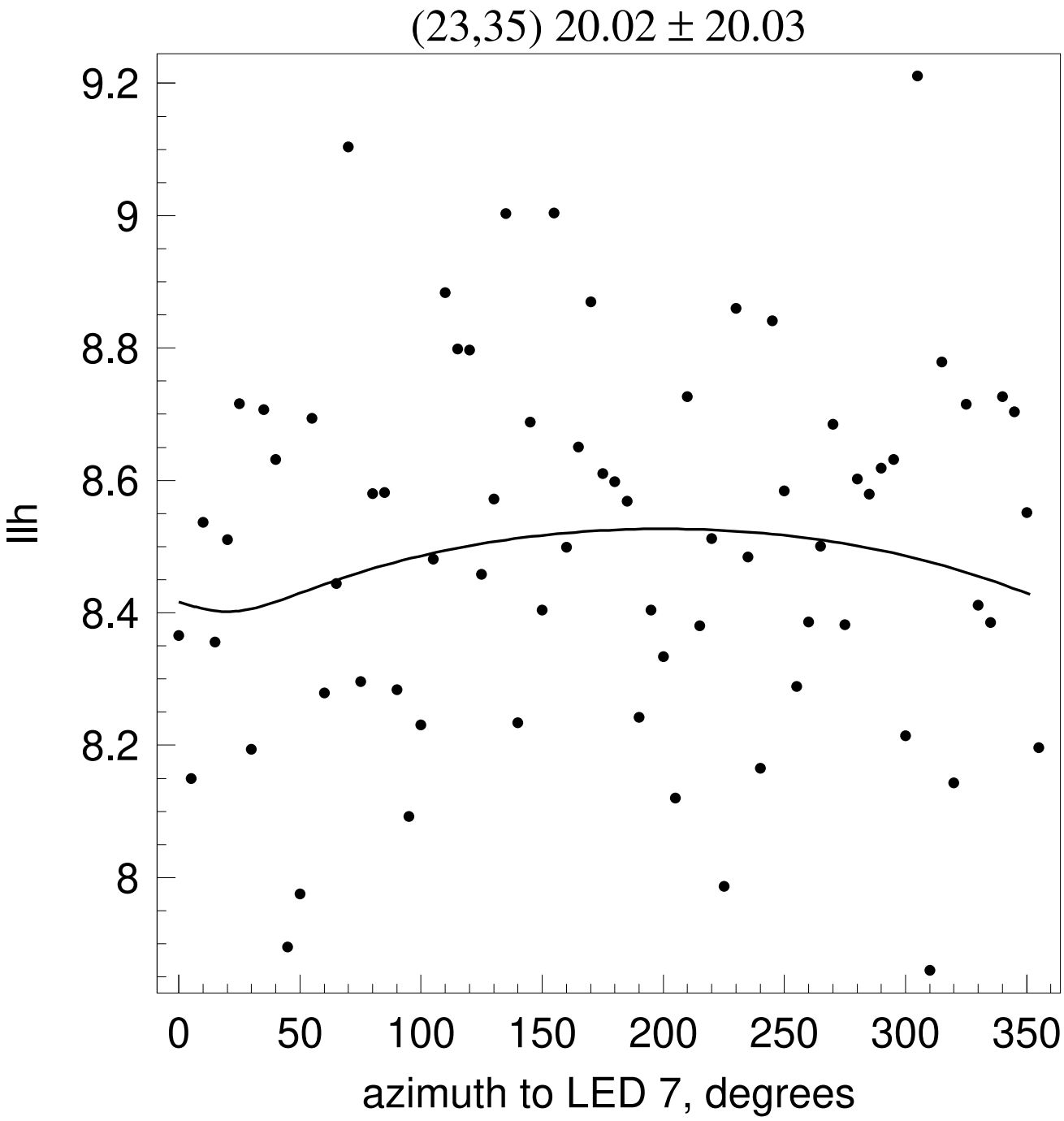

(23,30) 218.81 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

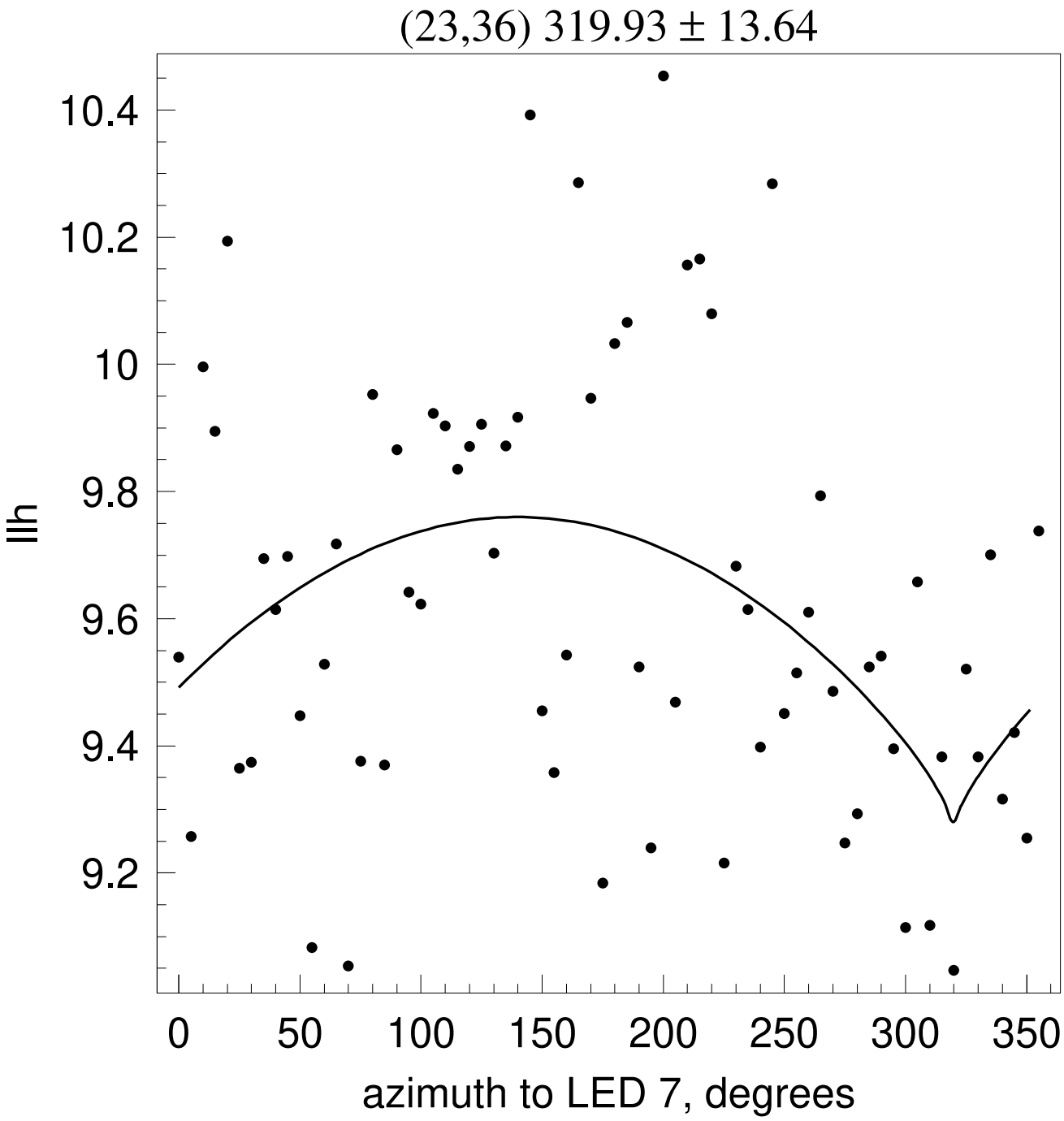

(23,31) 282.62 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

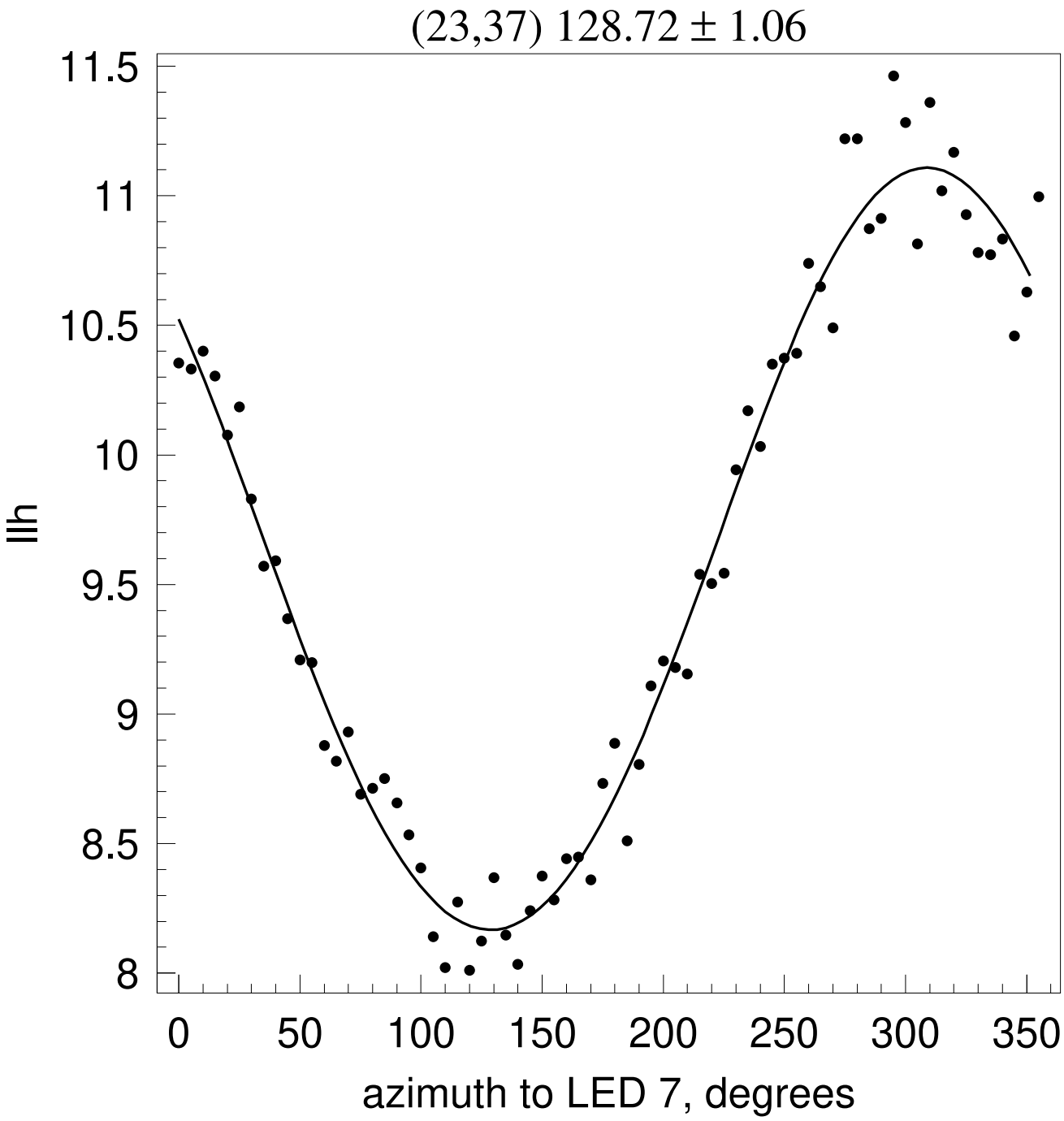

(23,32) 302.24 ± 0.17
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

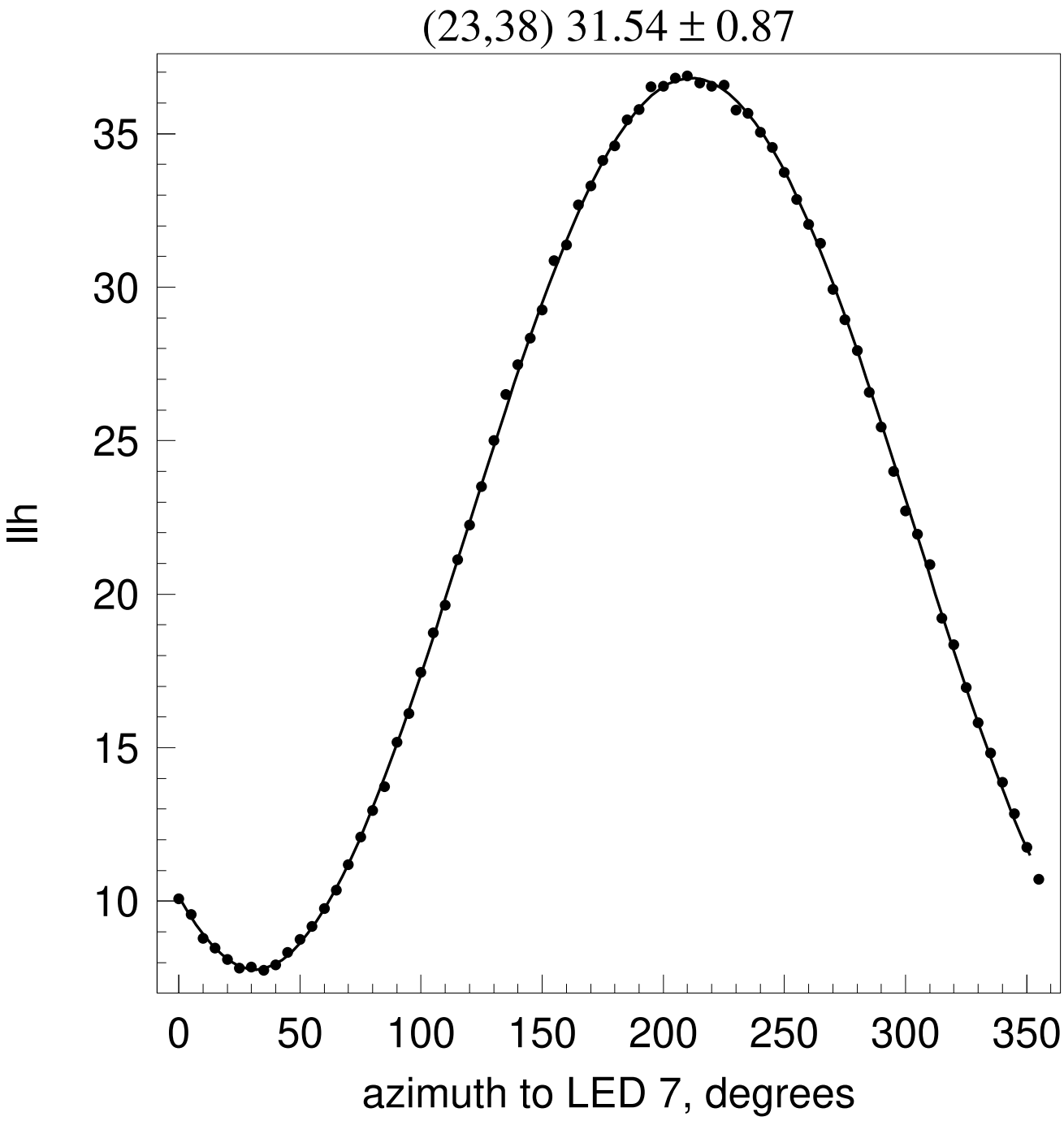

(23,33) 257.12 ± 2.16
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

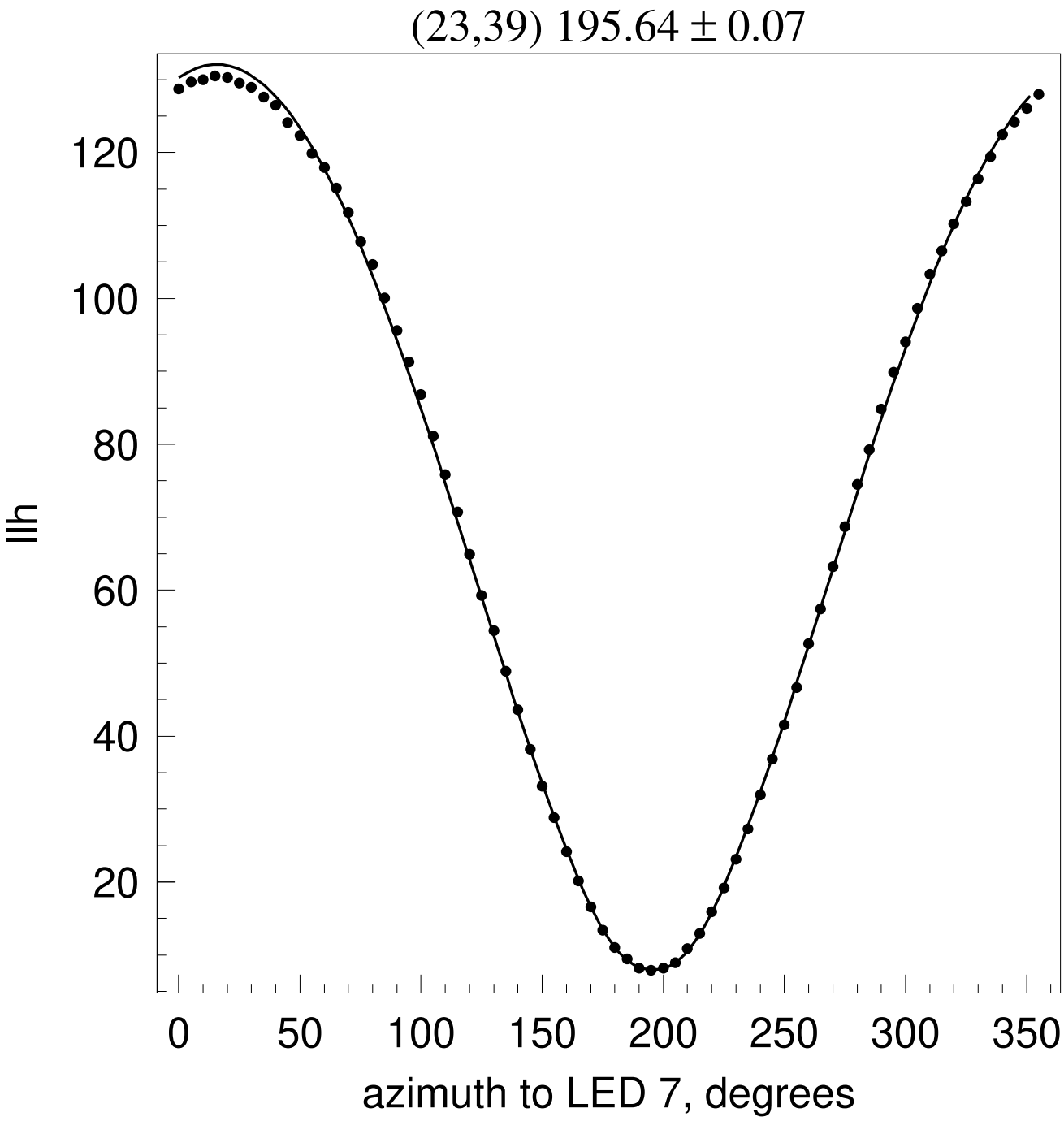

(23,34) 155.81 ± 0.12
9.25
9
8.75
8.5
8.25
8
7.75
7.5
7.25
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

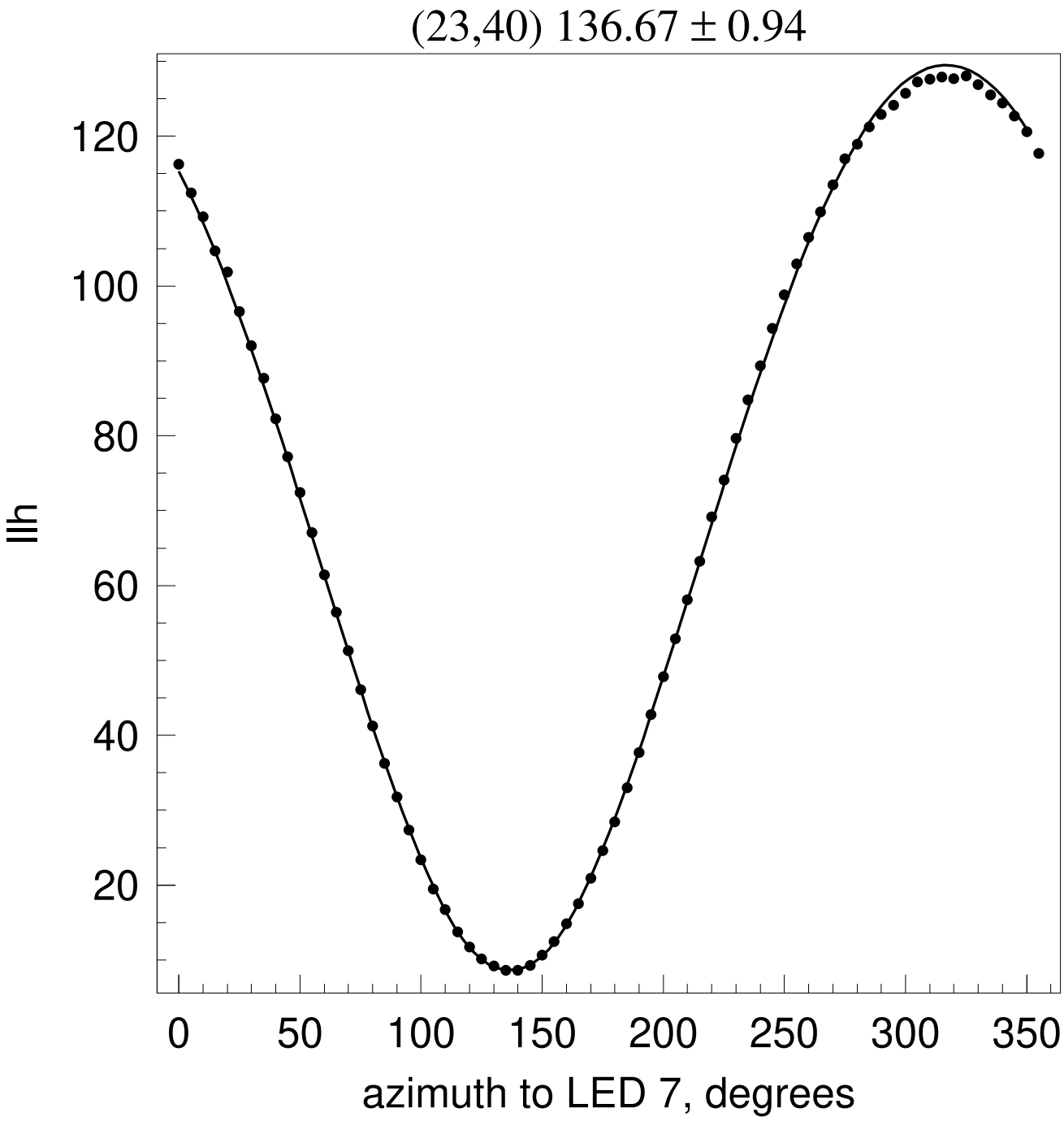

(23,35) 20.02 ± 20.03
9.2
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

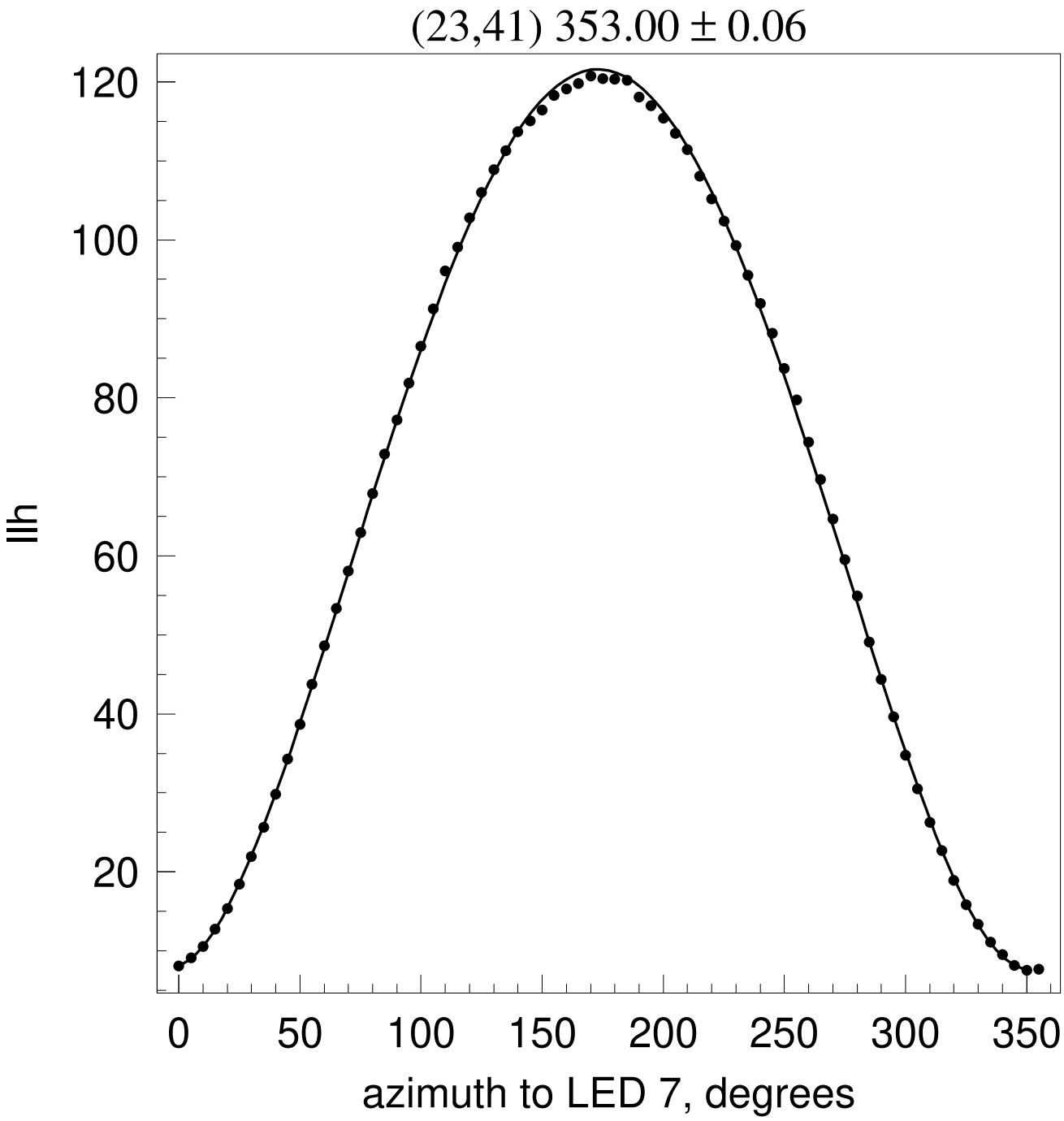

(23,36) 319.93 ± 13.64
10.4
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

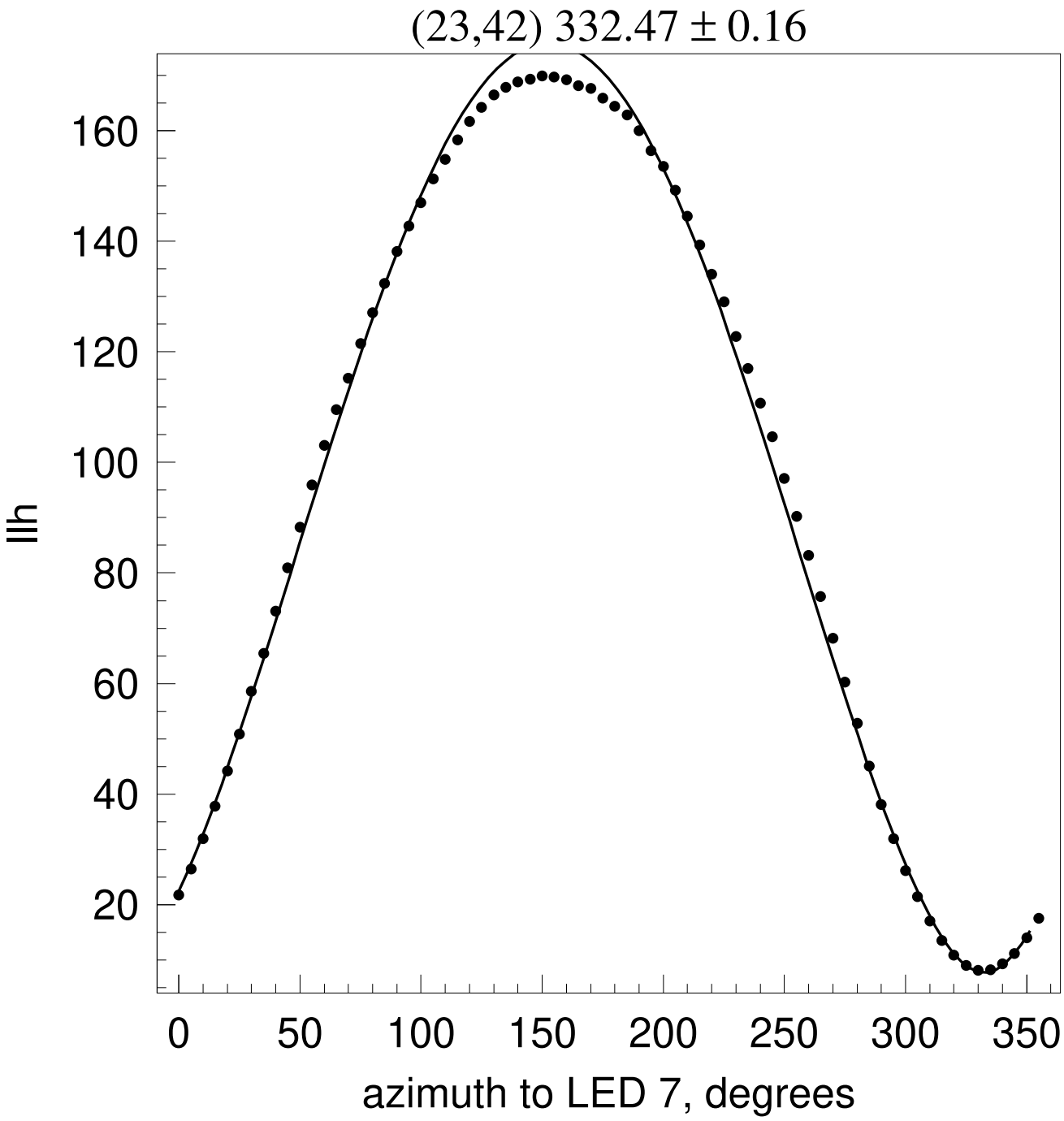

(23,37) 128.72 ± 1.06
11.5
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

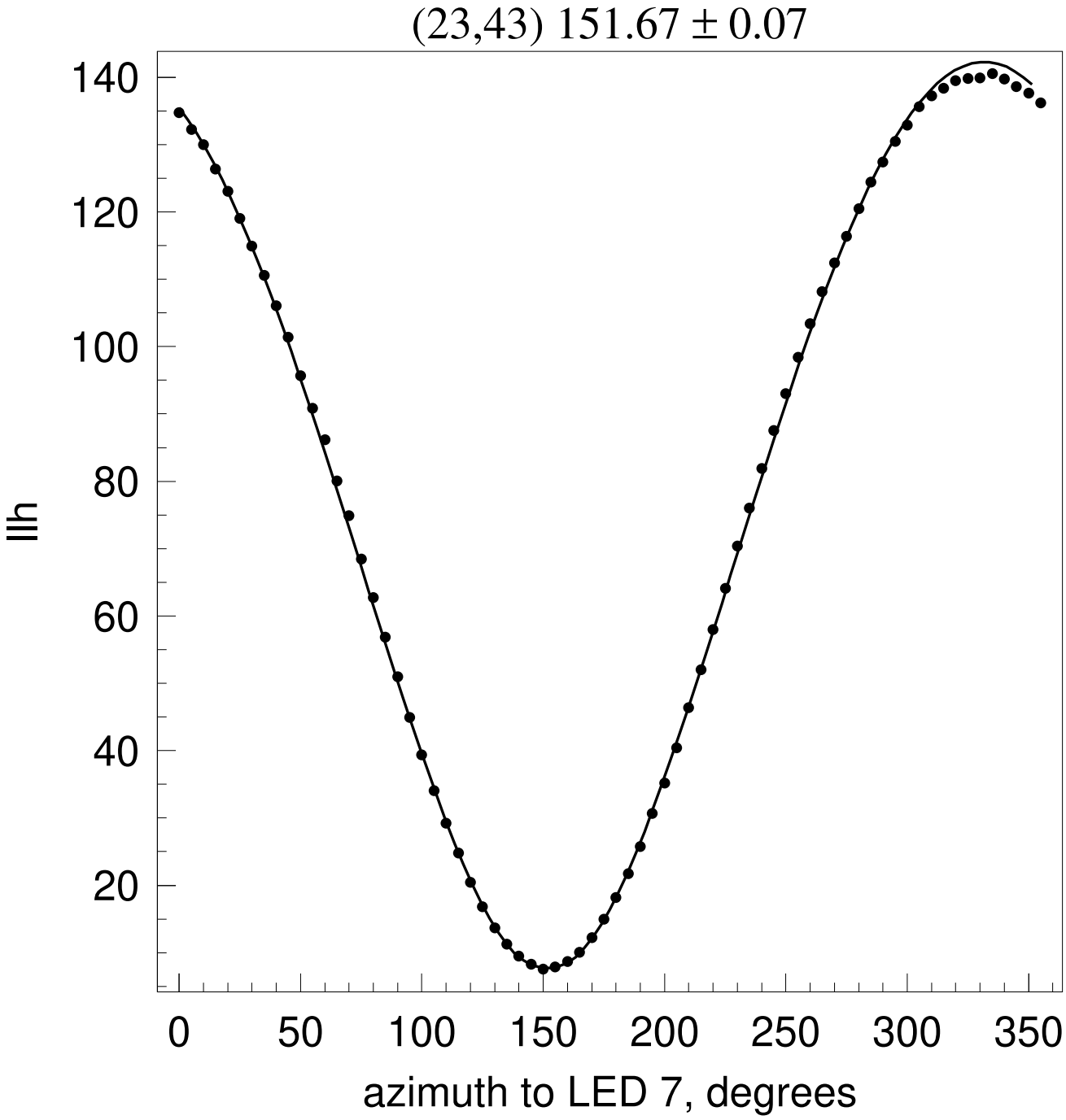

(23,38) 31.54 ± 0.87
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

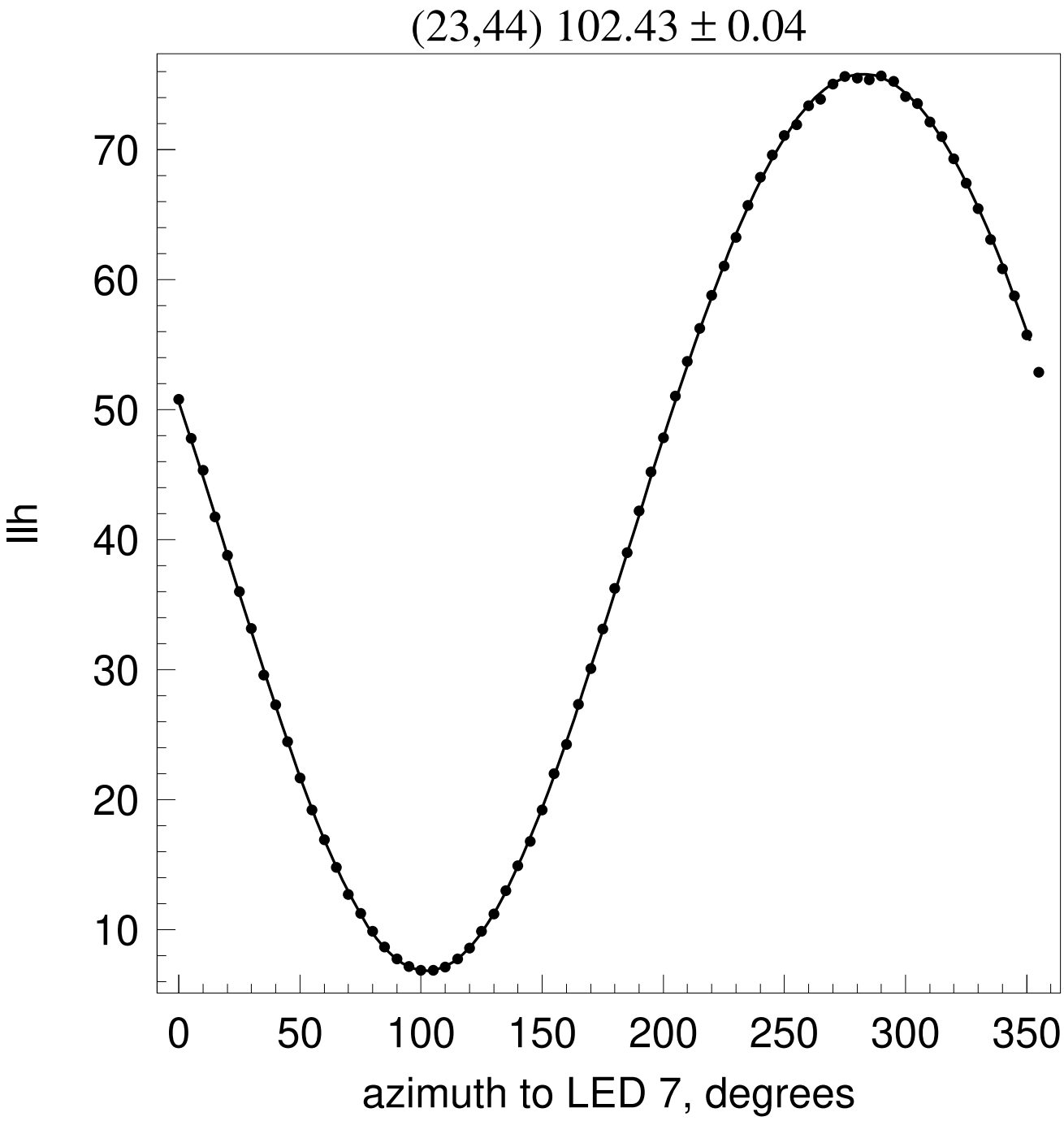

(23,39) 195.64 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

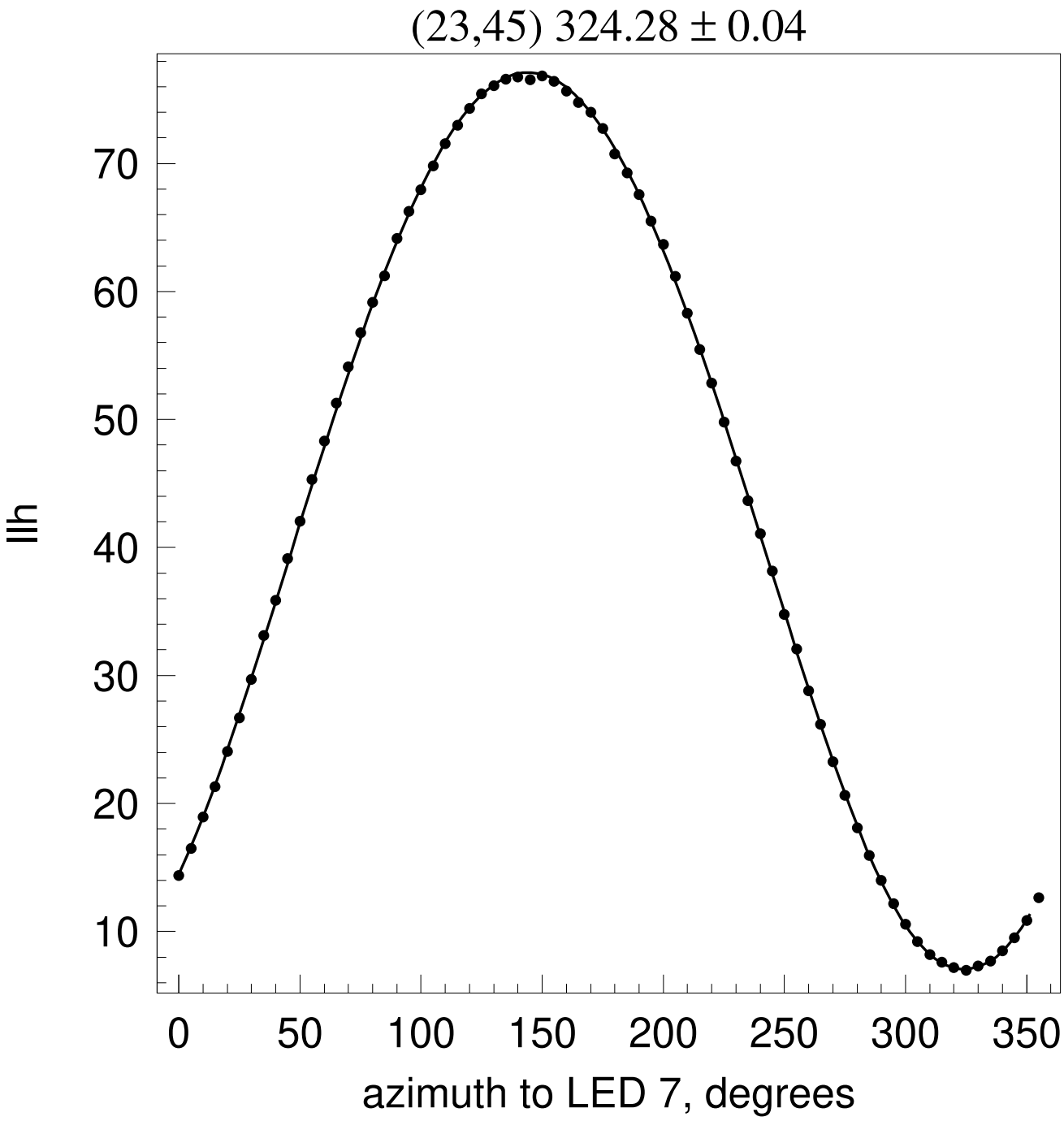

(23,40) 136.67 ± 0.94
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

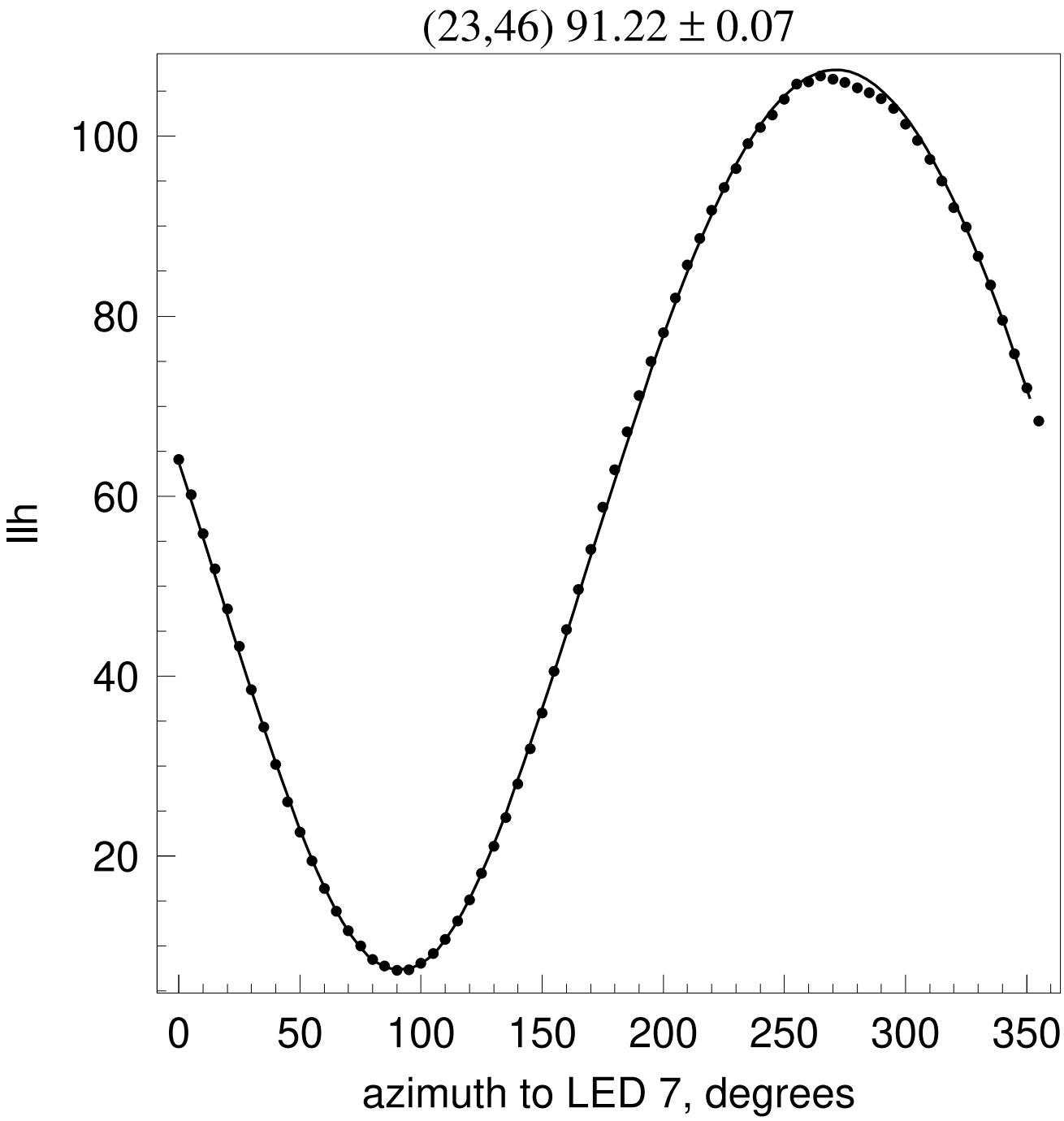

(23,41) 353.00 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

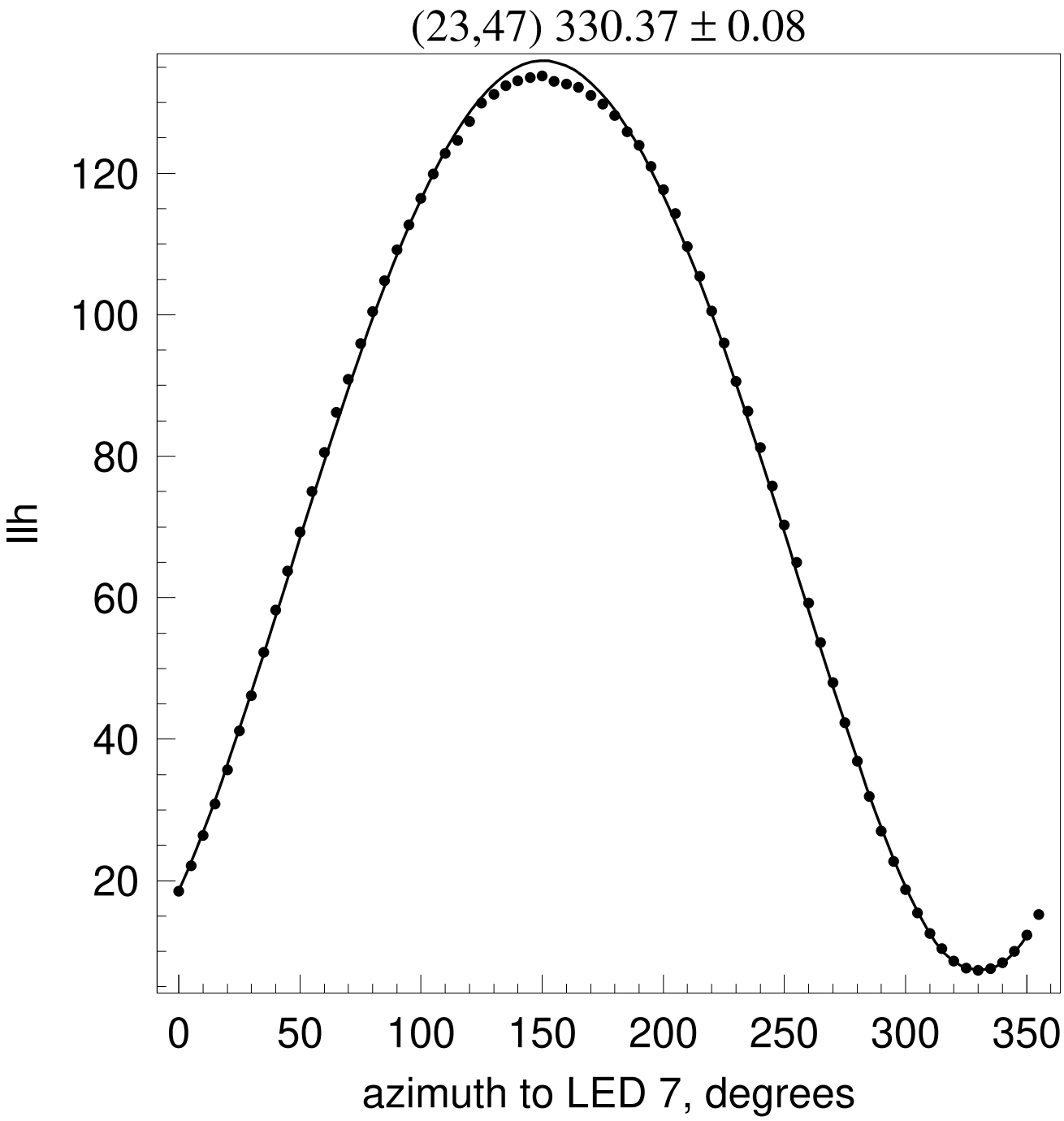

(23,42) 332.47 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

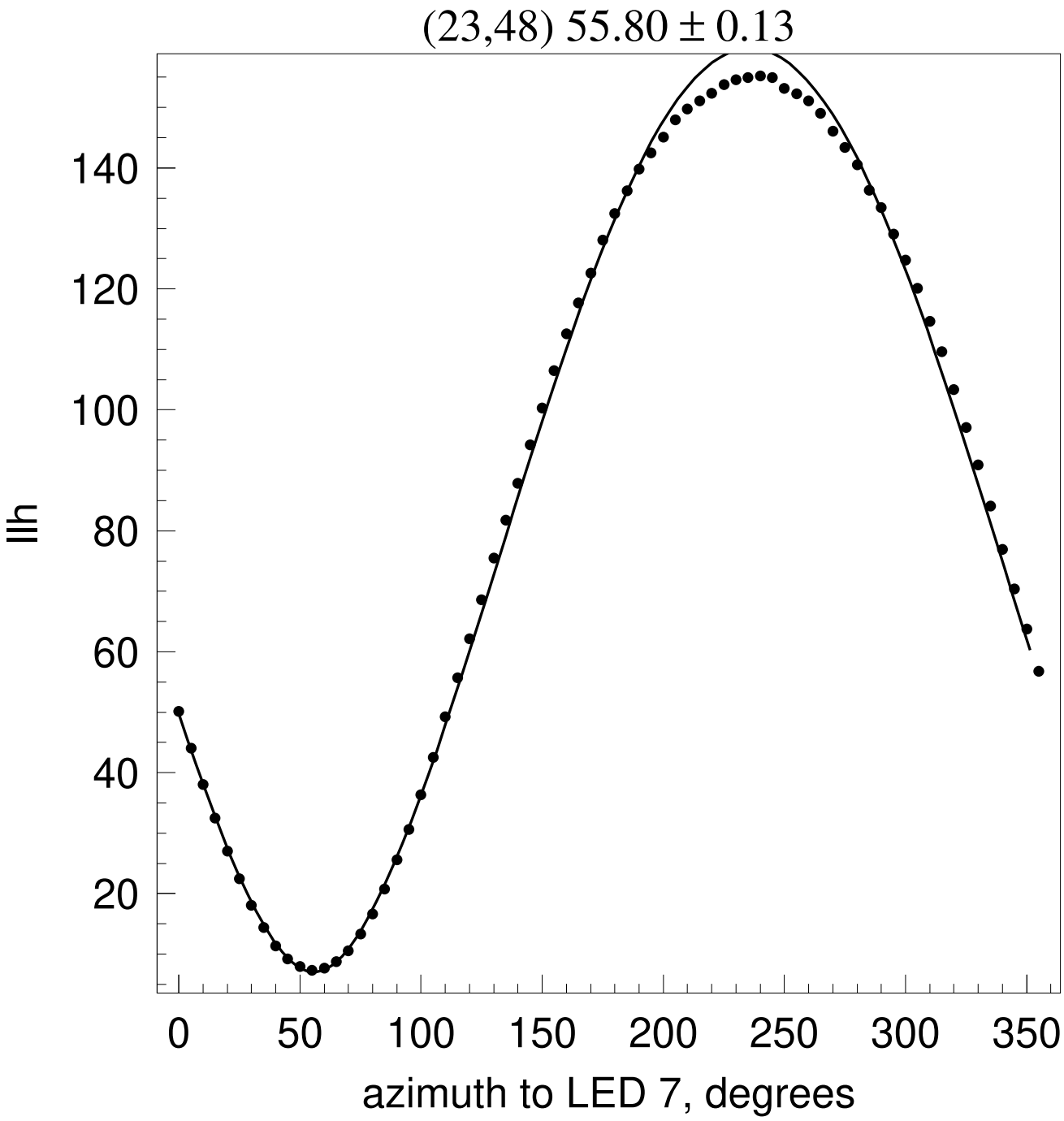

(23,43) 151.67 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

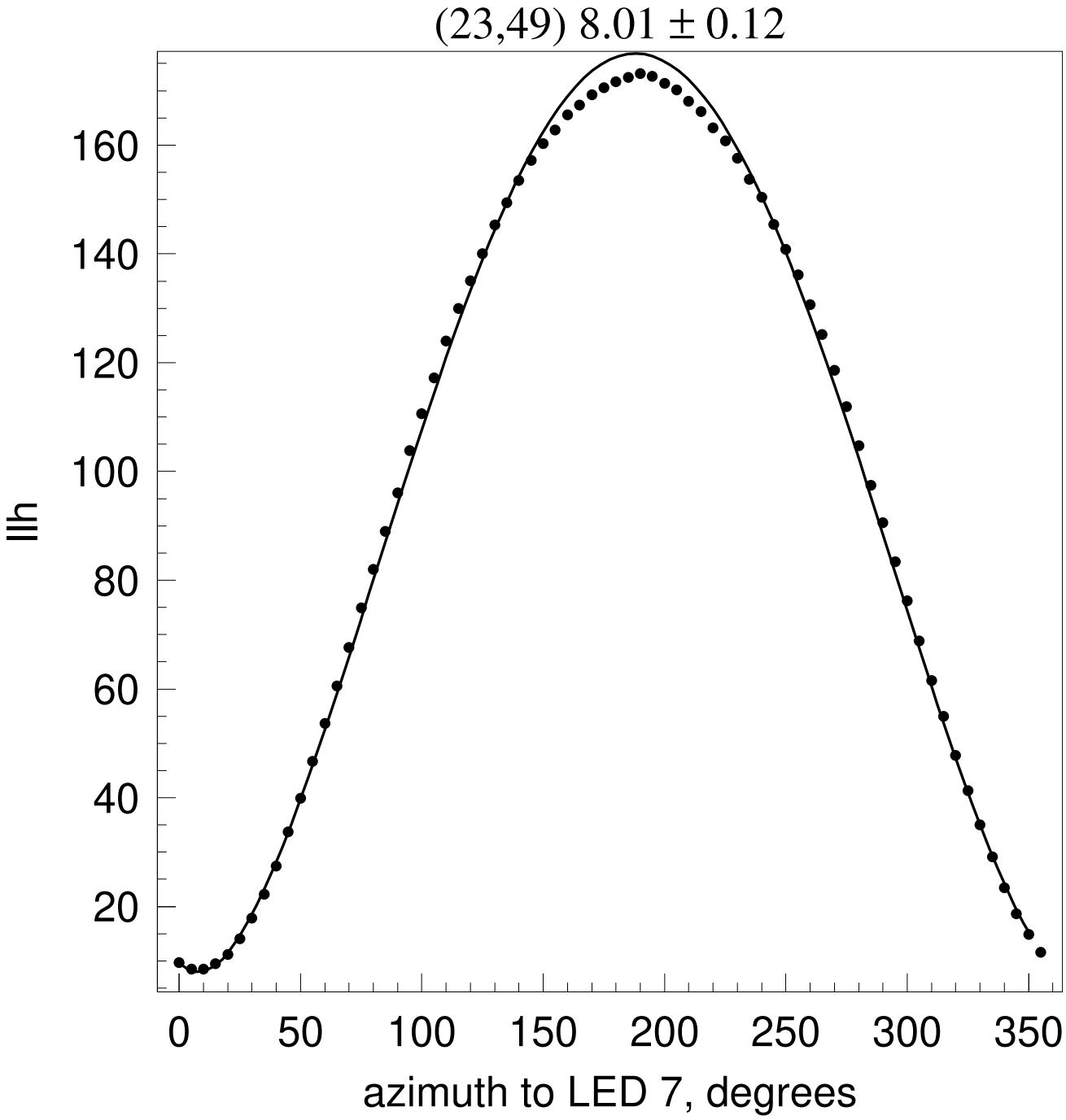

(23,44) 102.43 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

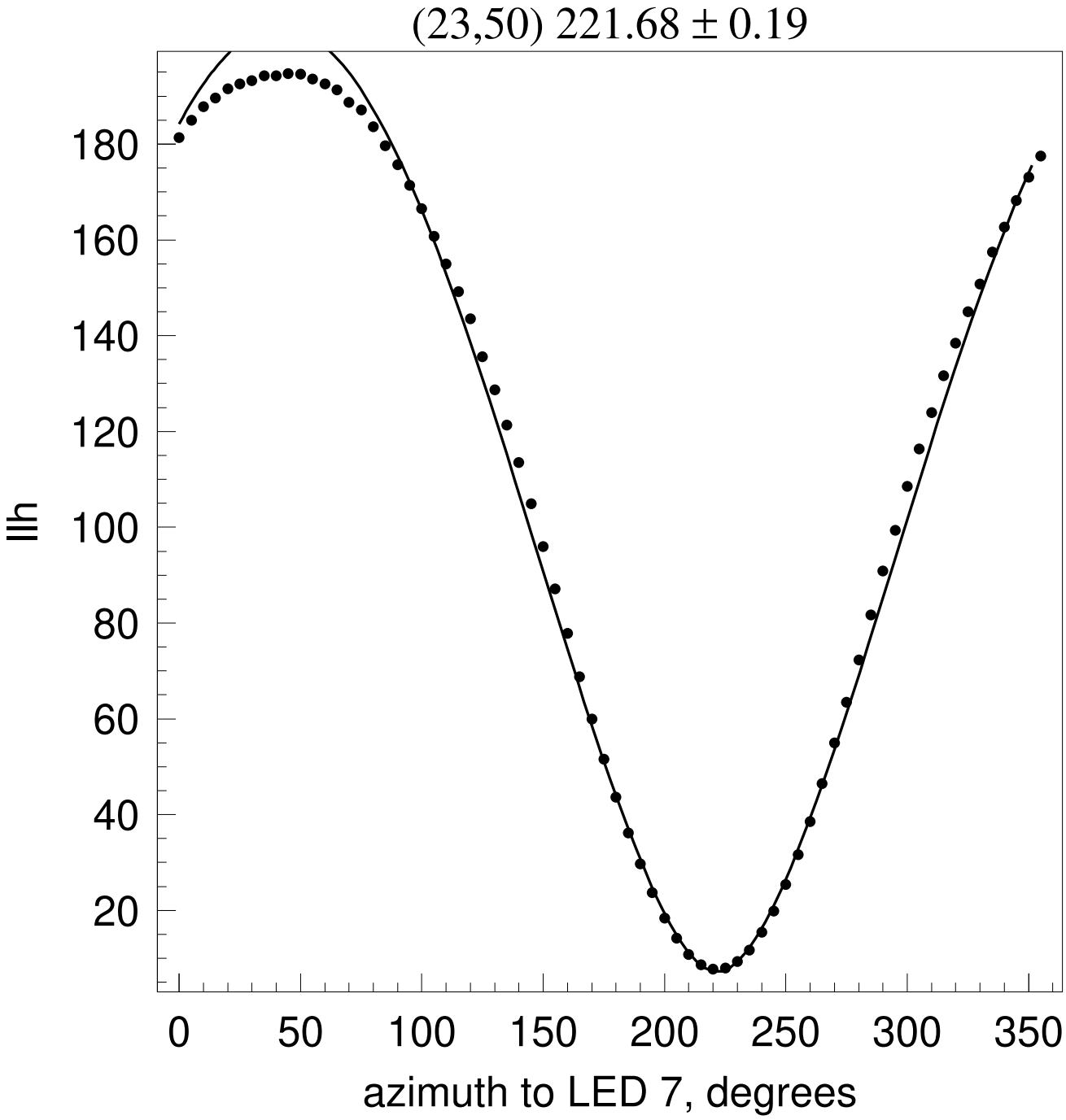

(23,45) 324.28 ± 0.04
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

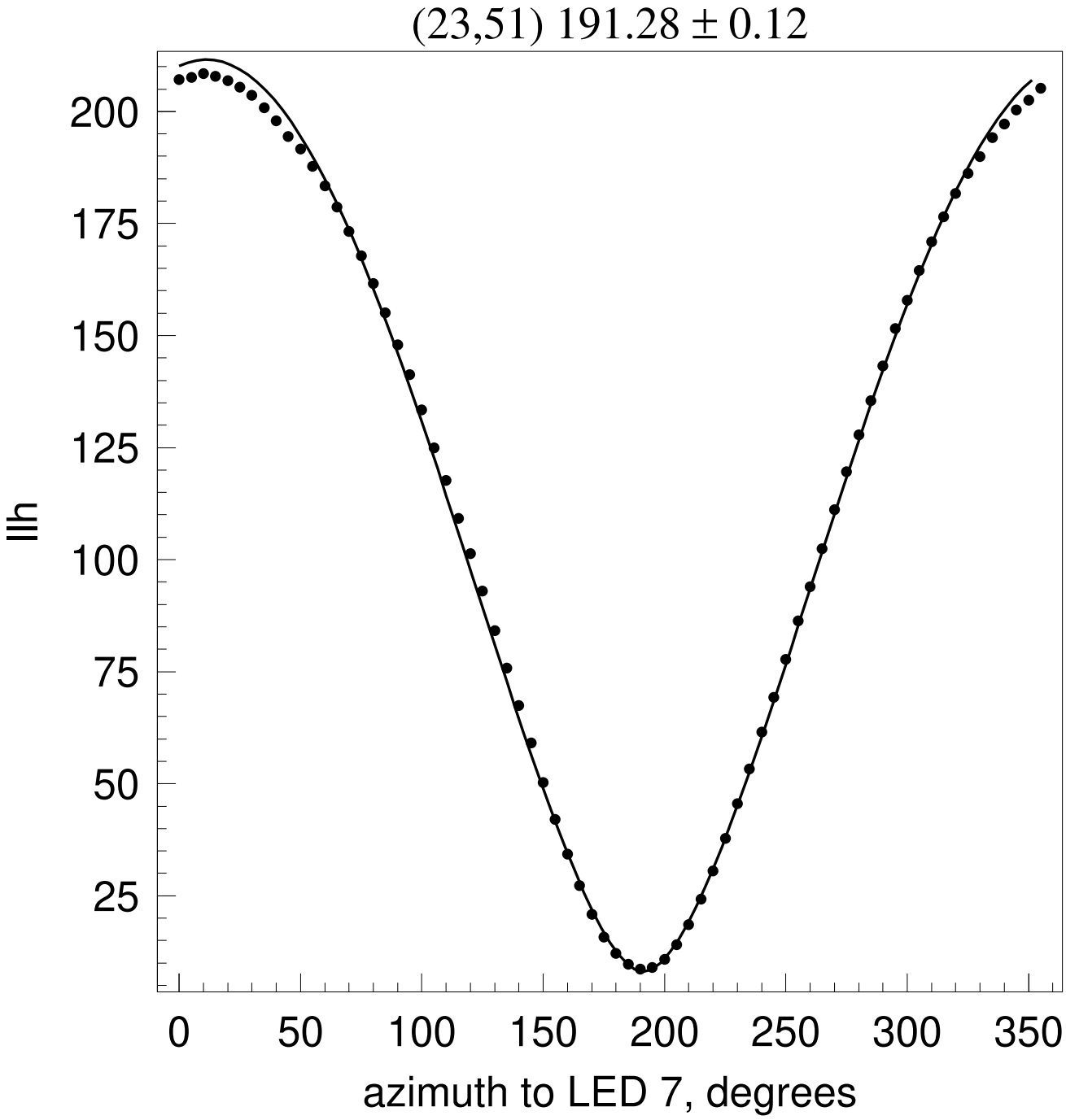

(23,46) 91.22 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

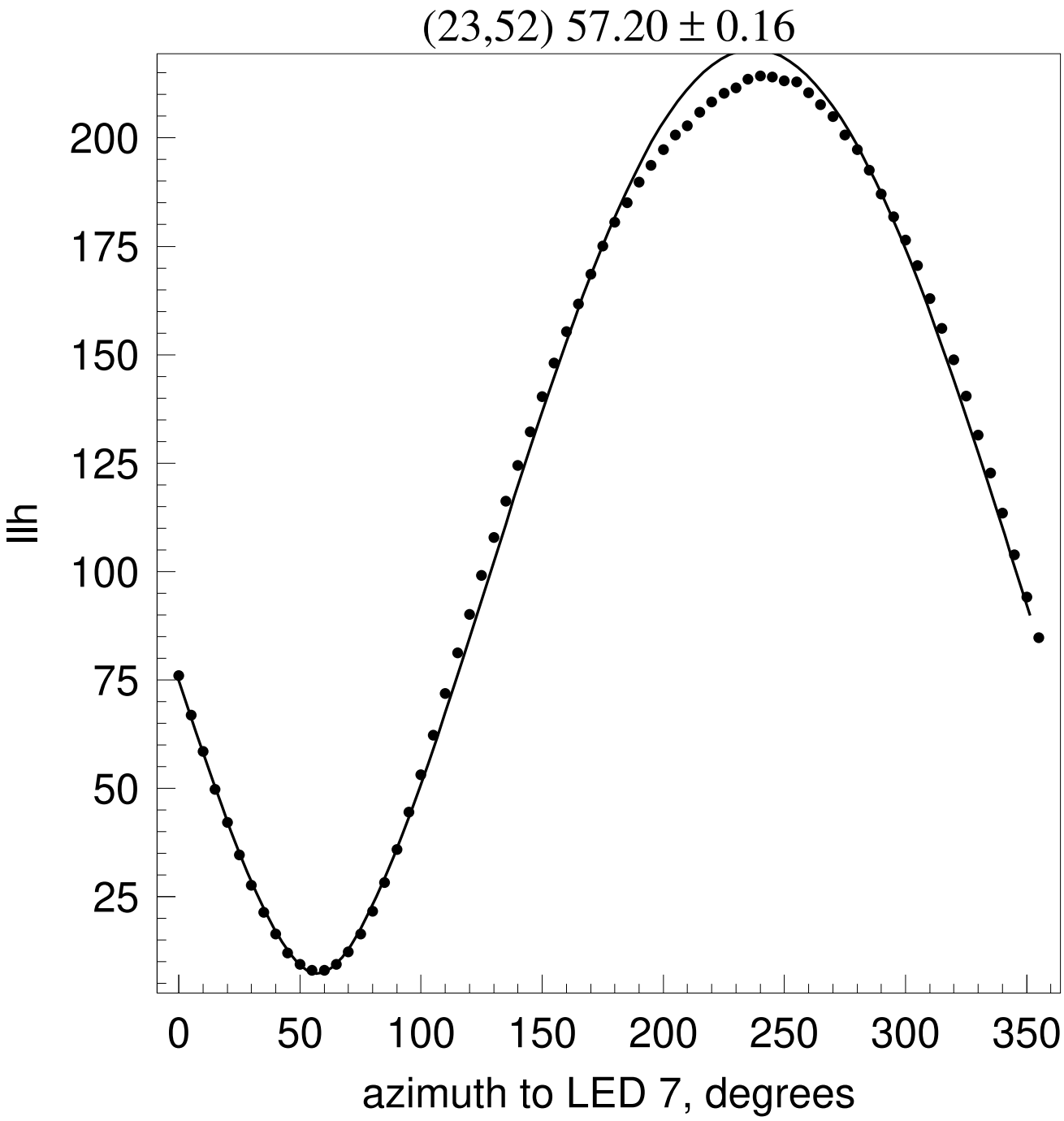

(23,47) 330.37 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

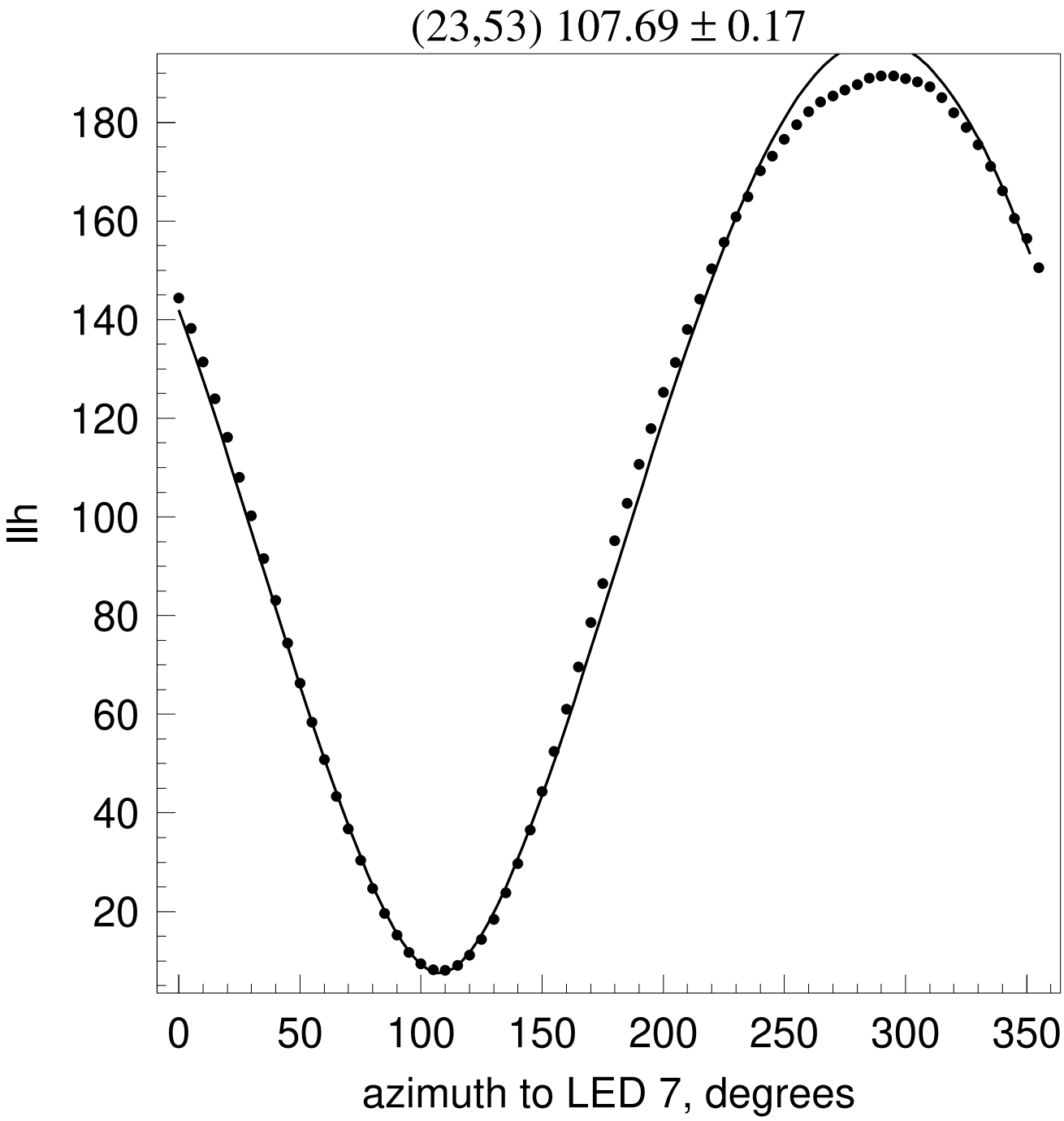

(23,48) 55.80 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

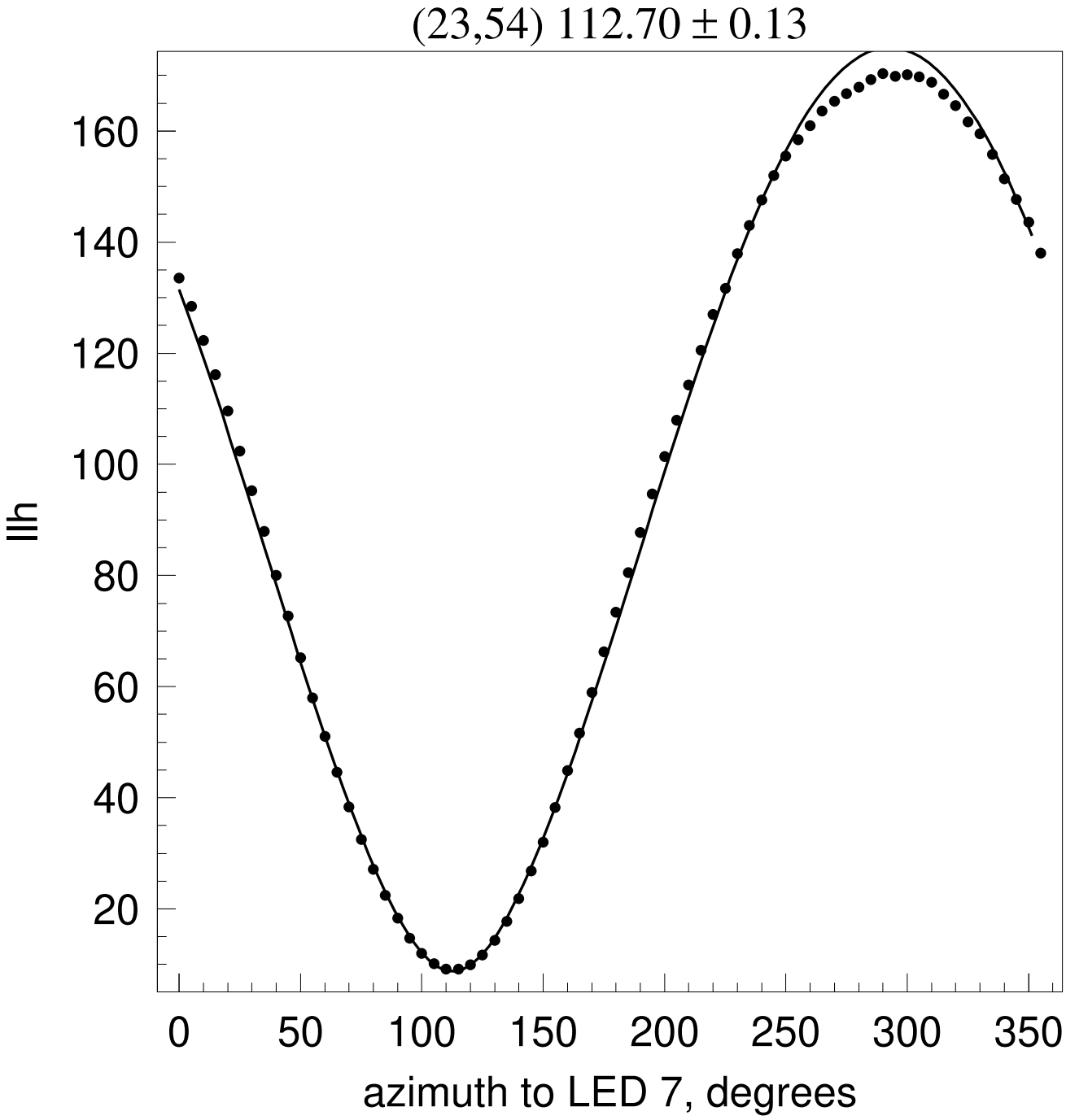

(23,49) 8.01 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

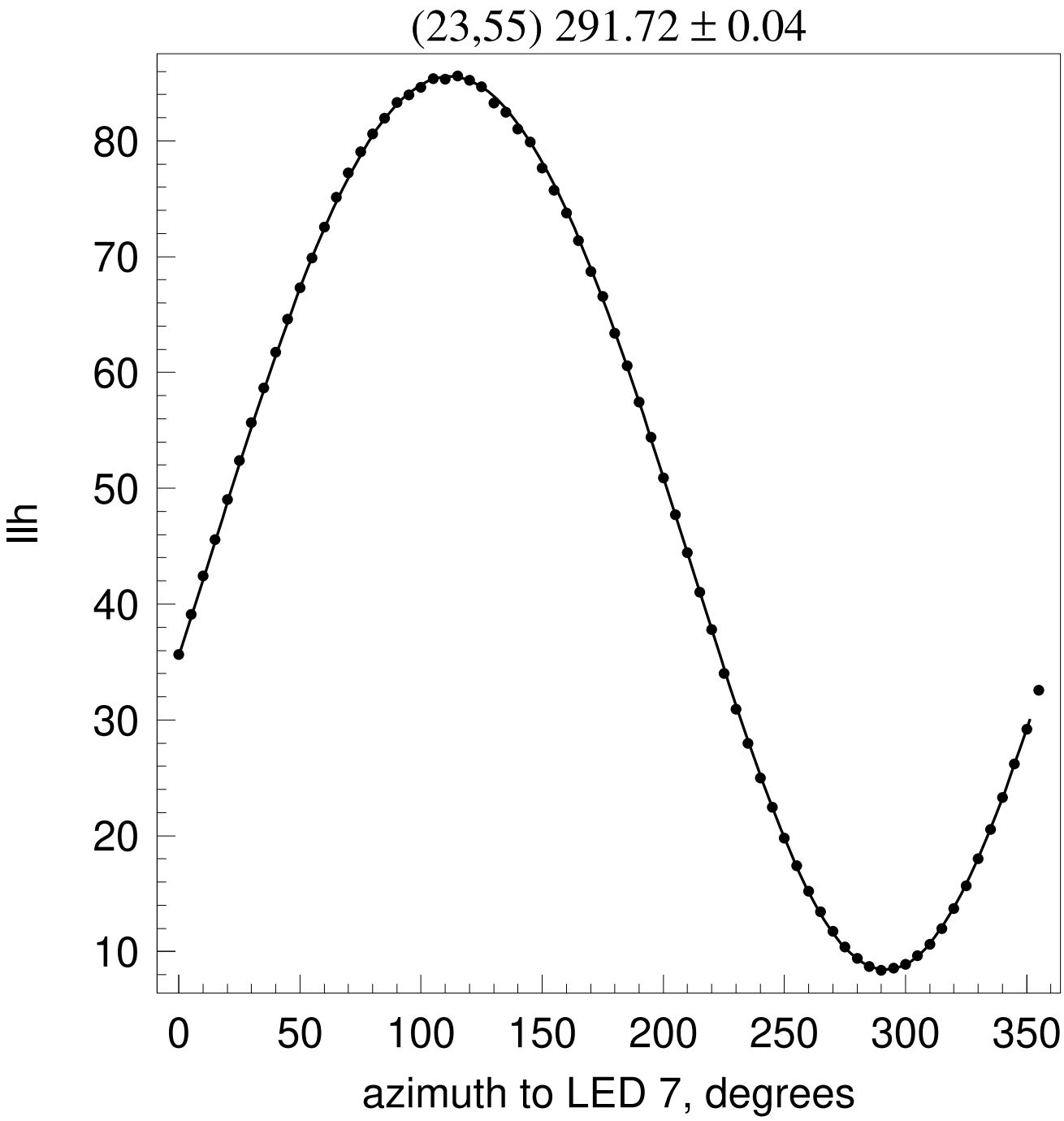

(23,50) 221.68 ± 0.19
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

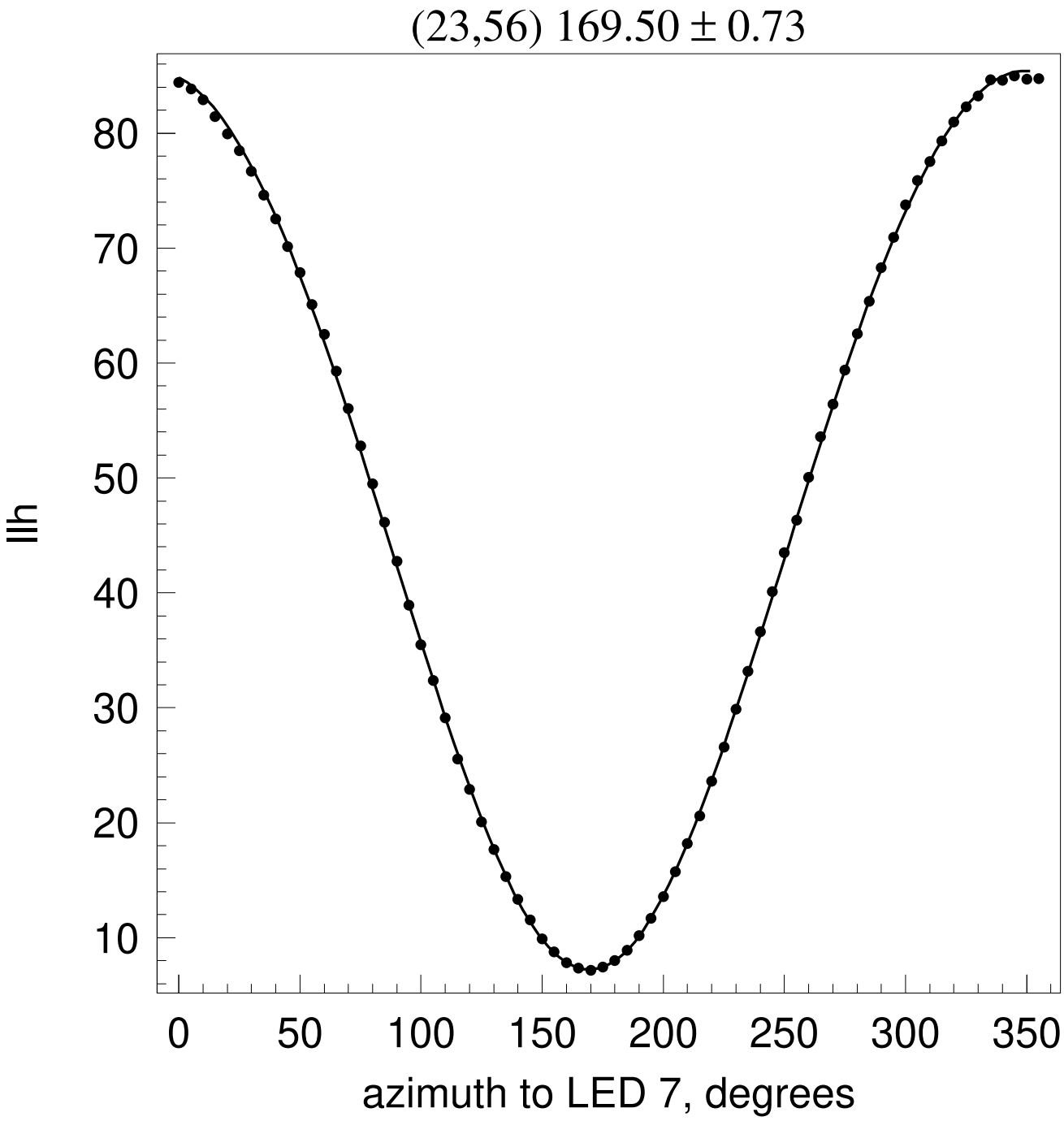

(23,51) 191.28 ± 0.12
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

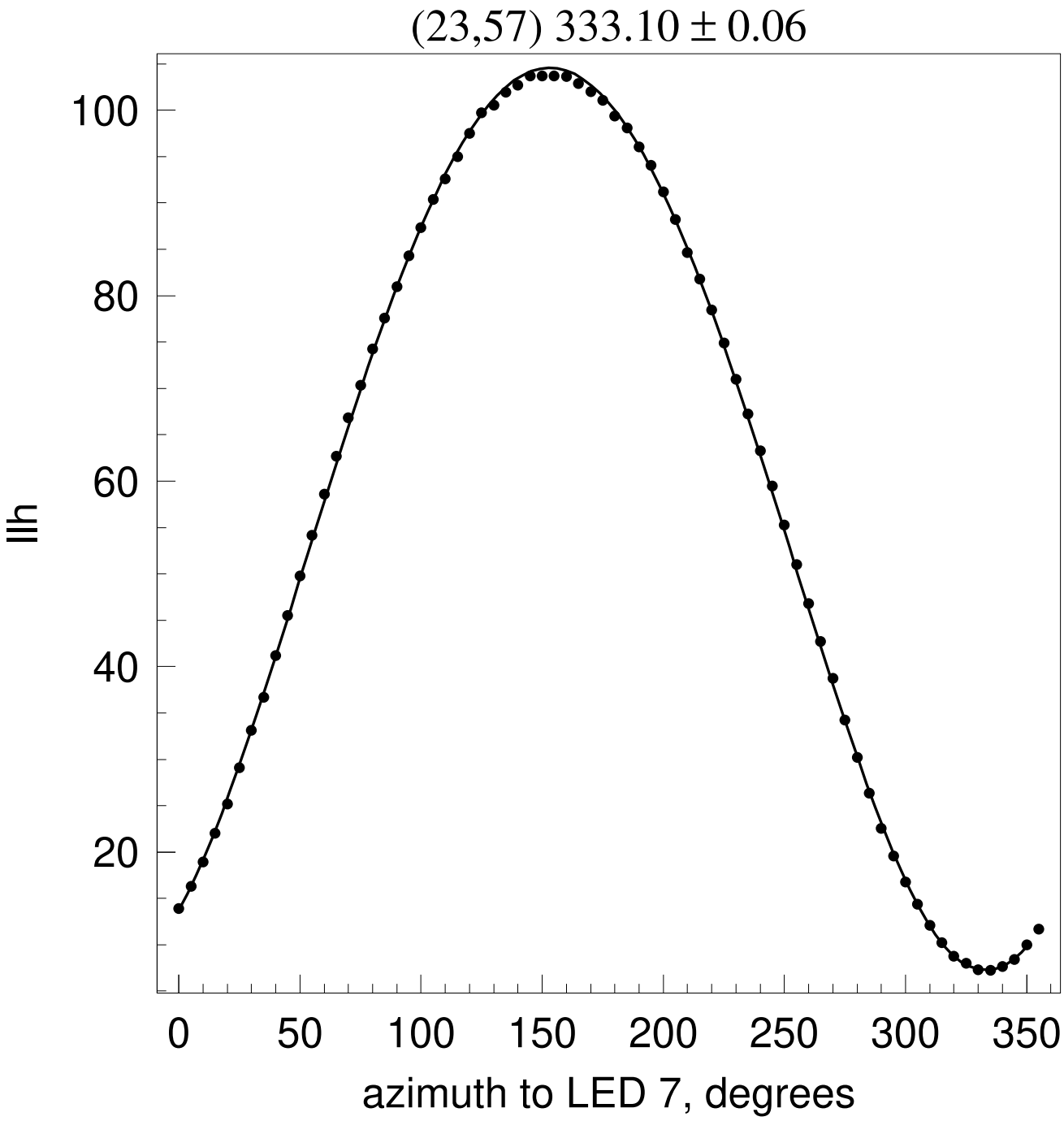

(23,52) 57.20 ± 0.16
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

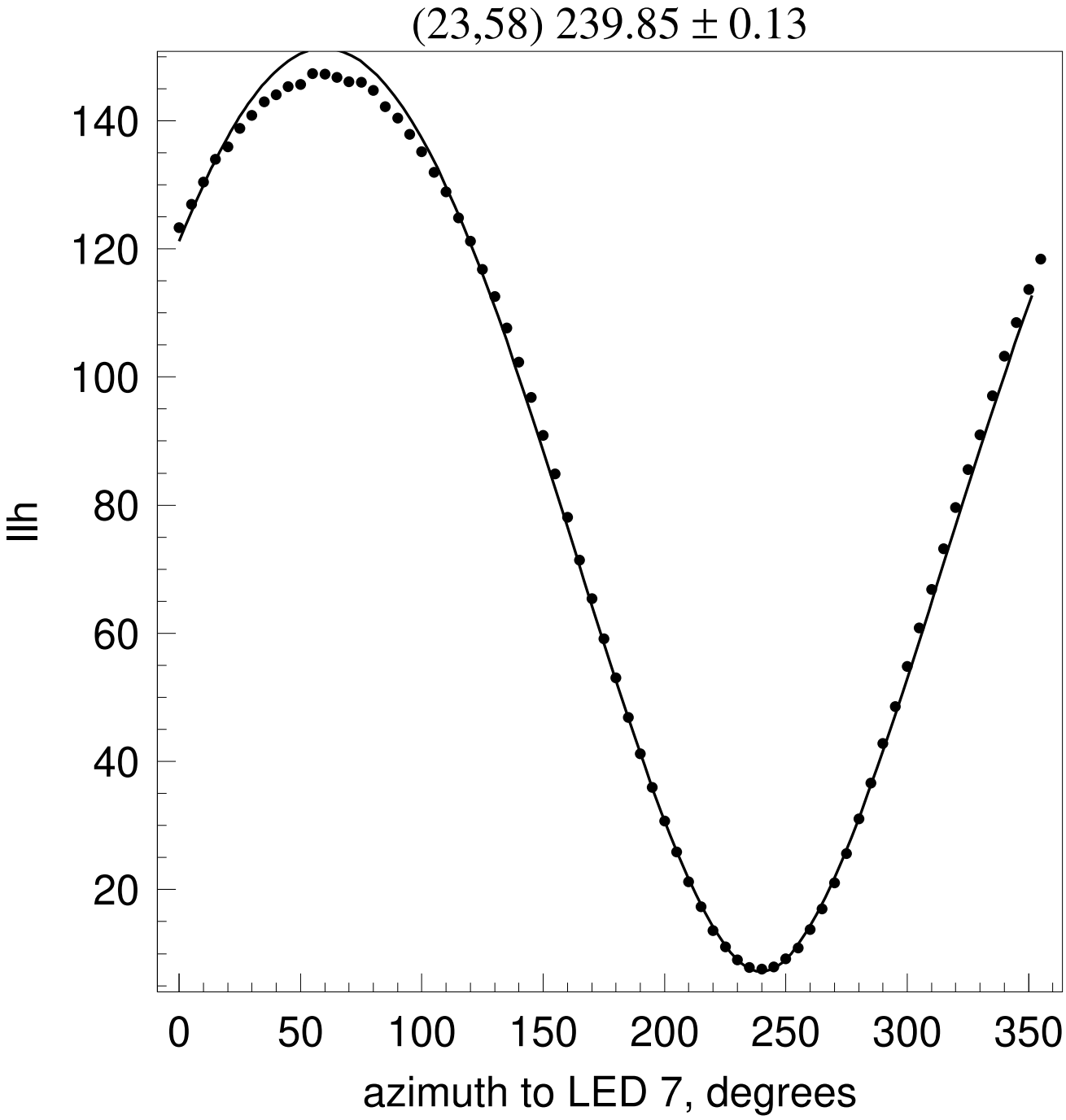

(23,53) 107.69 ± 0.17
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

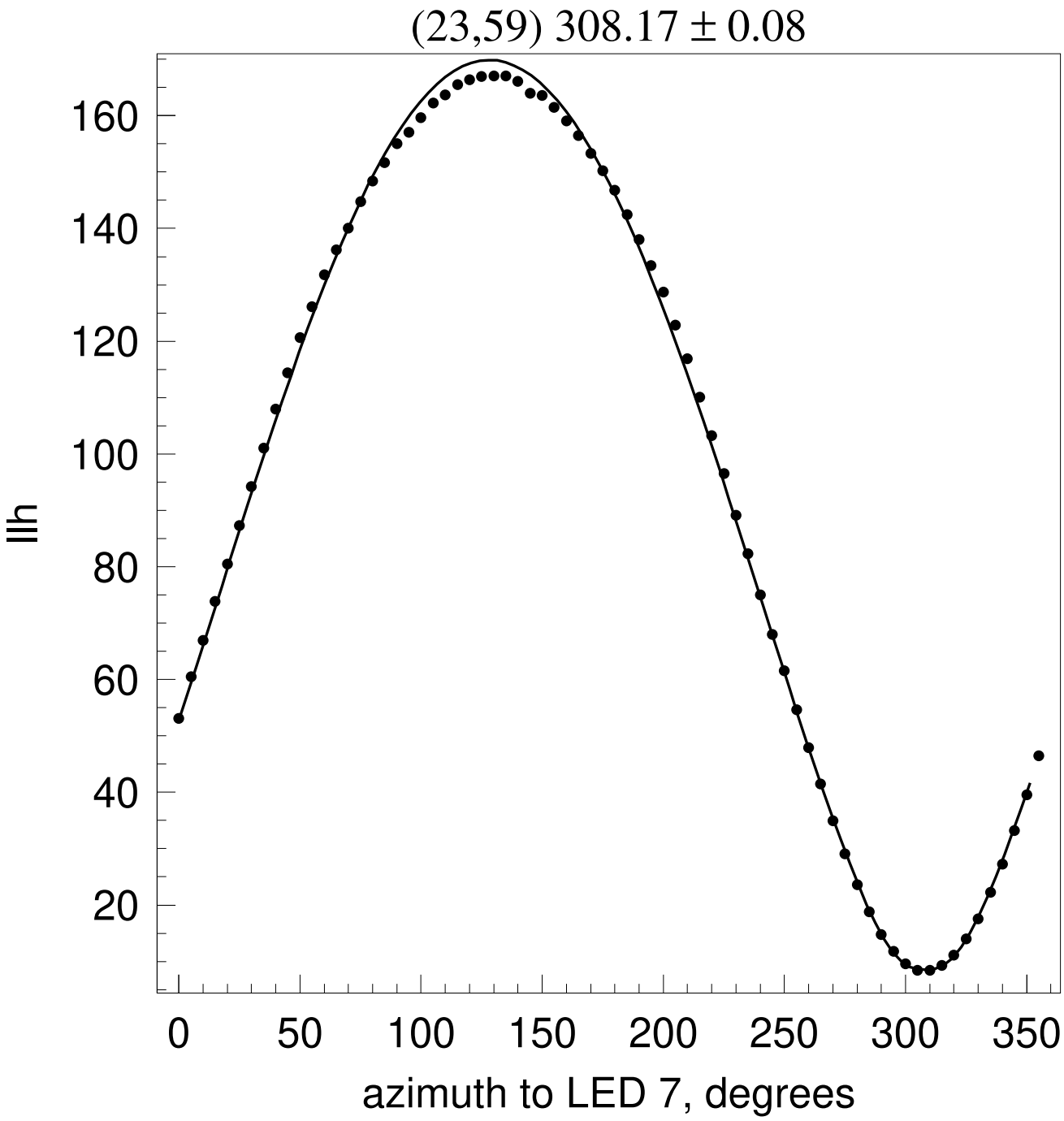

(23,54) 112.70 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

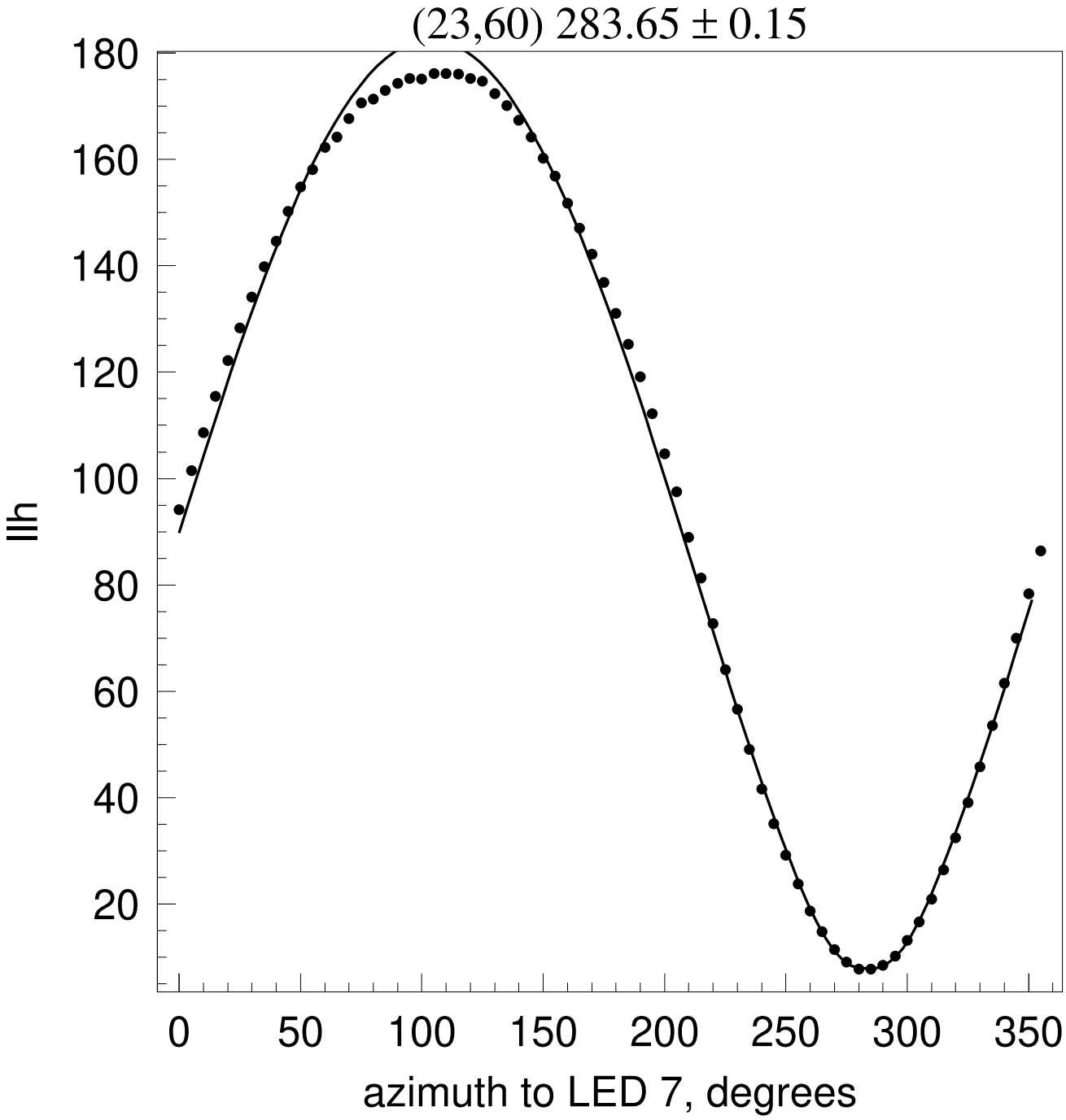

(23,55) 291.72 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

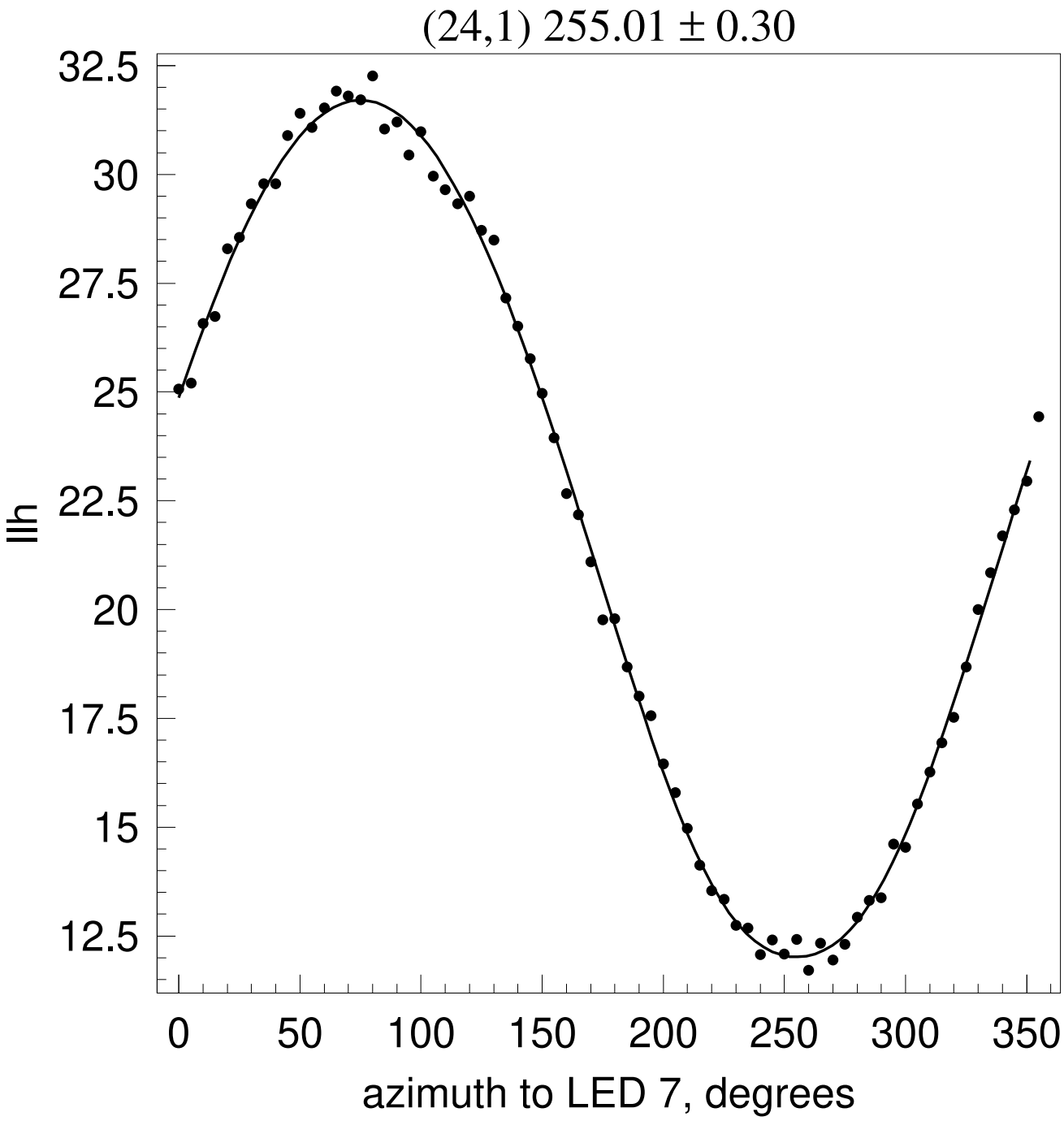

(23,56) 169.50 ± 0.73
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

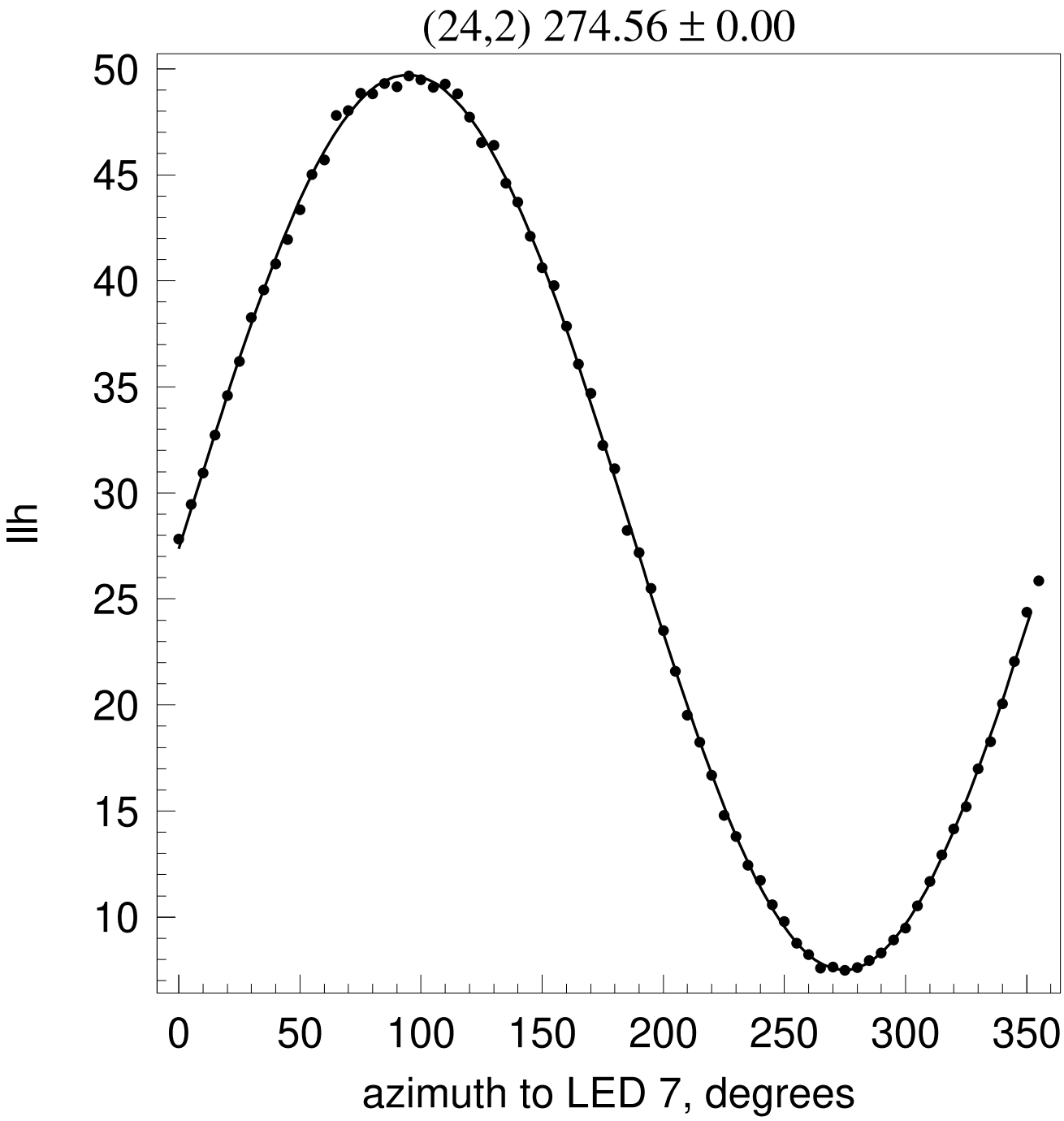

(23,57) 333.10 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

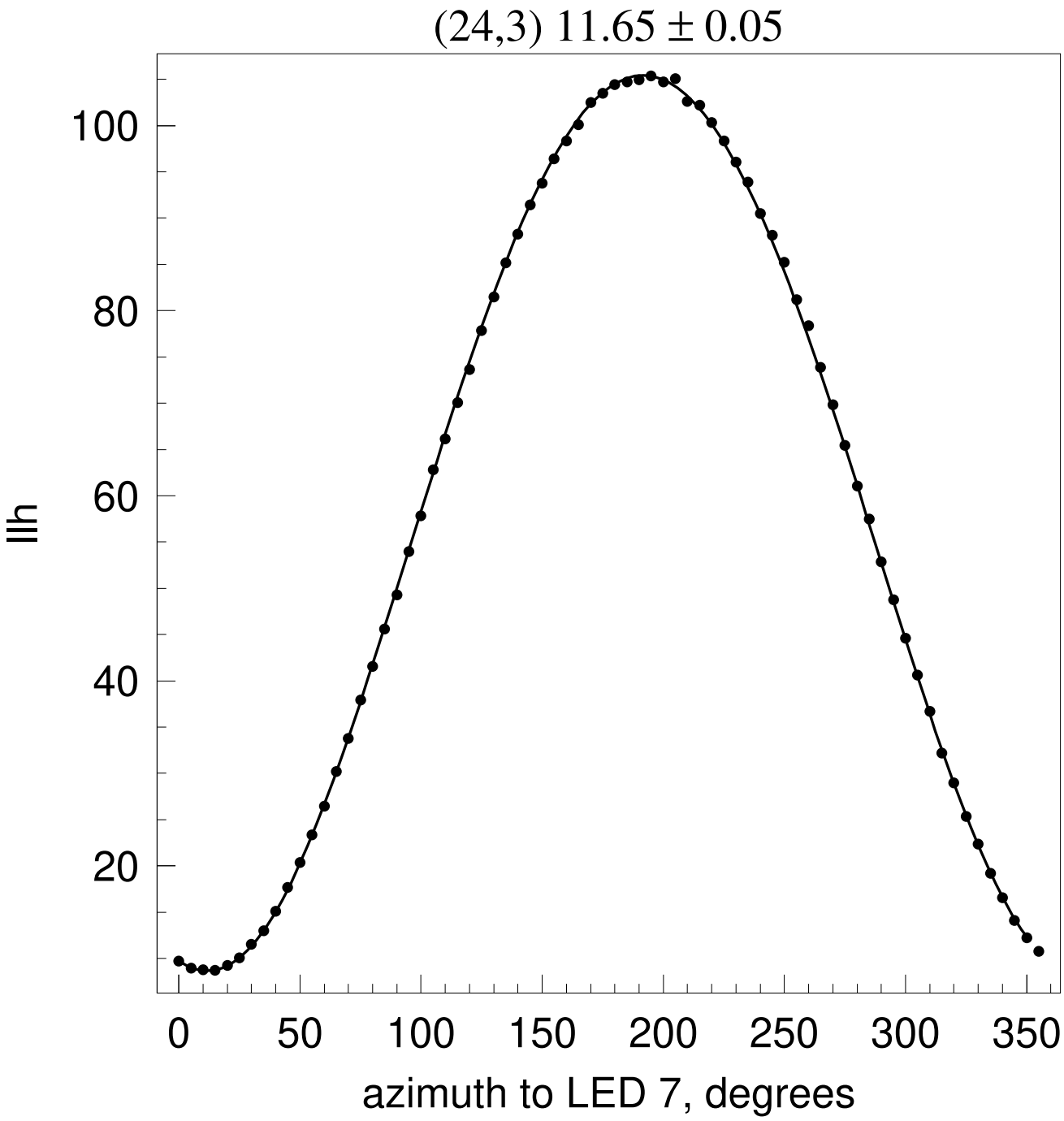

(23,58) 239.85 ± 0.13
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

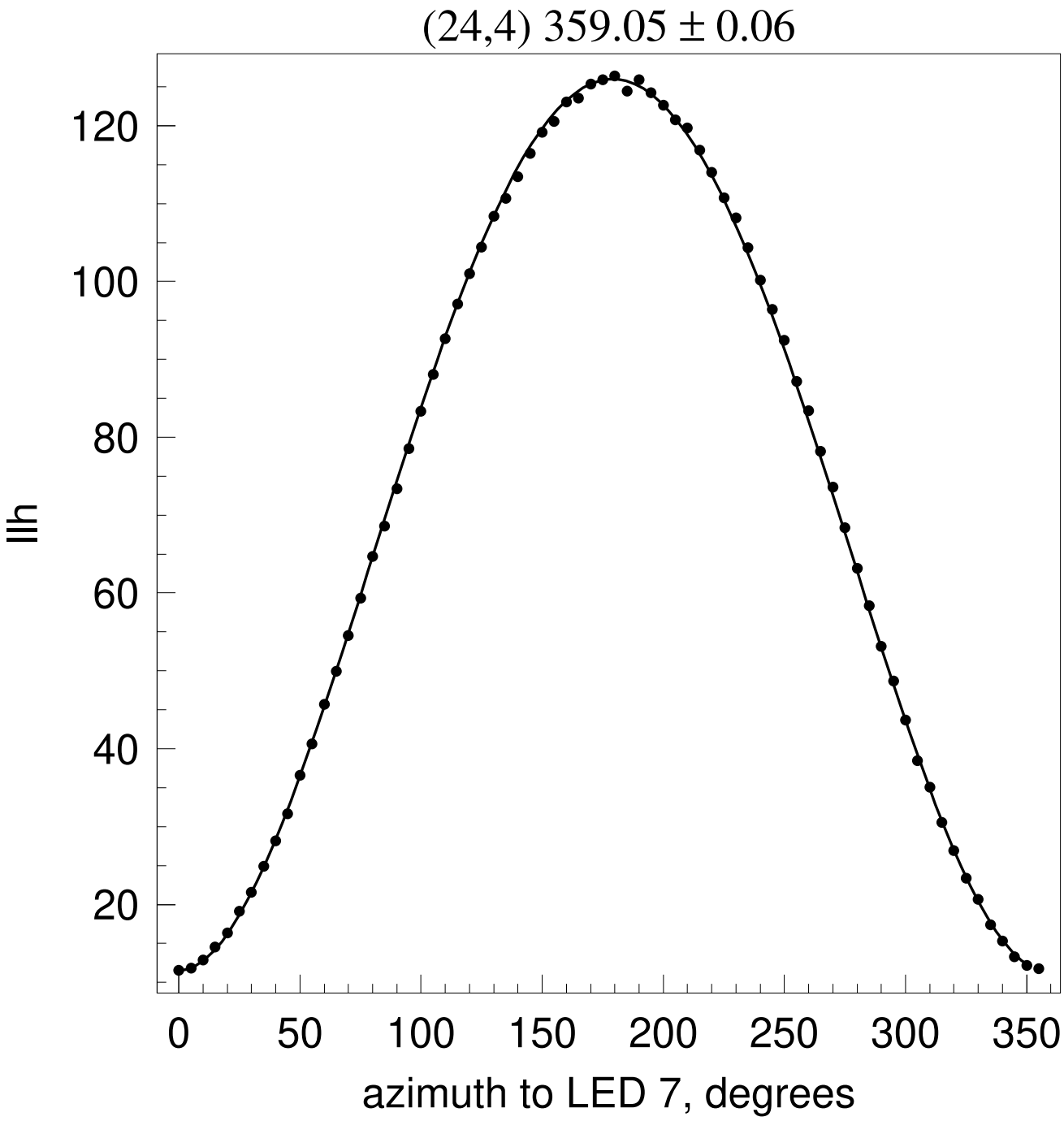

(23,59) 308.17 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

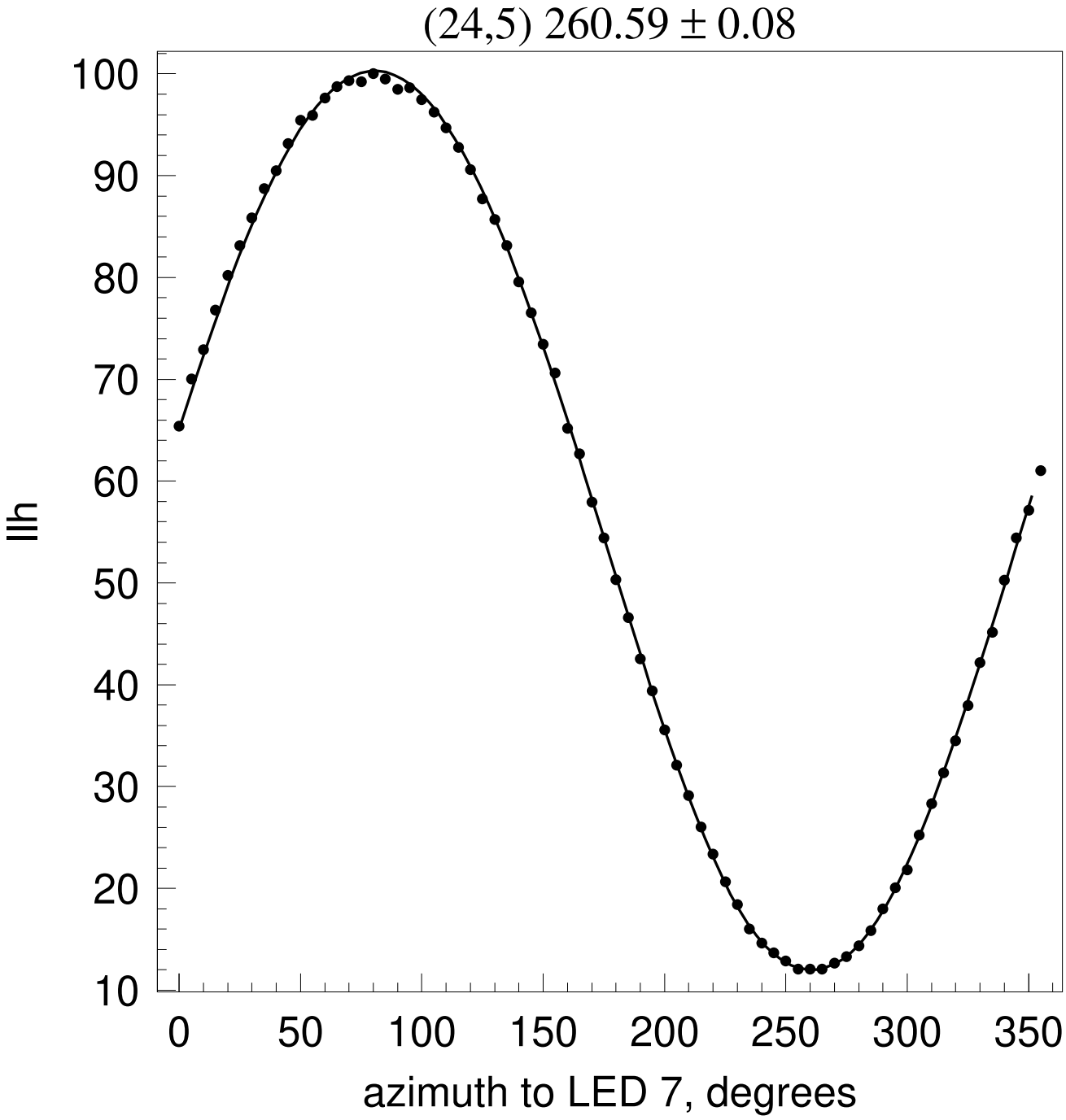

(23,60) 283.65 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

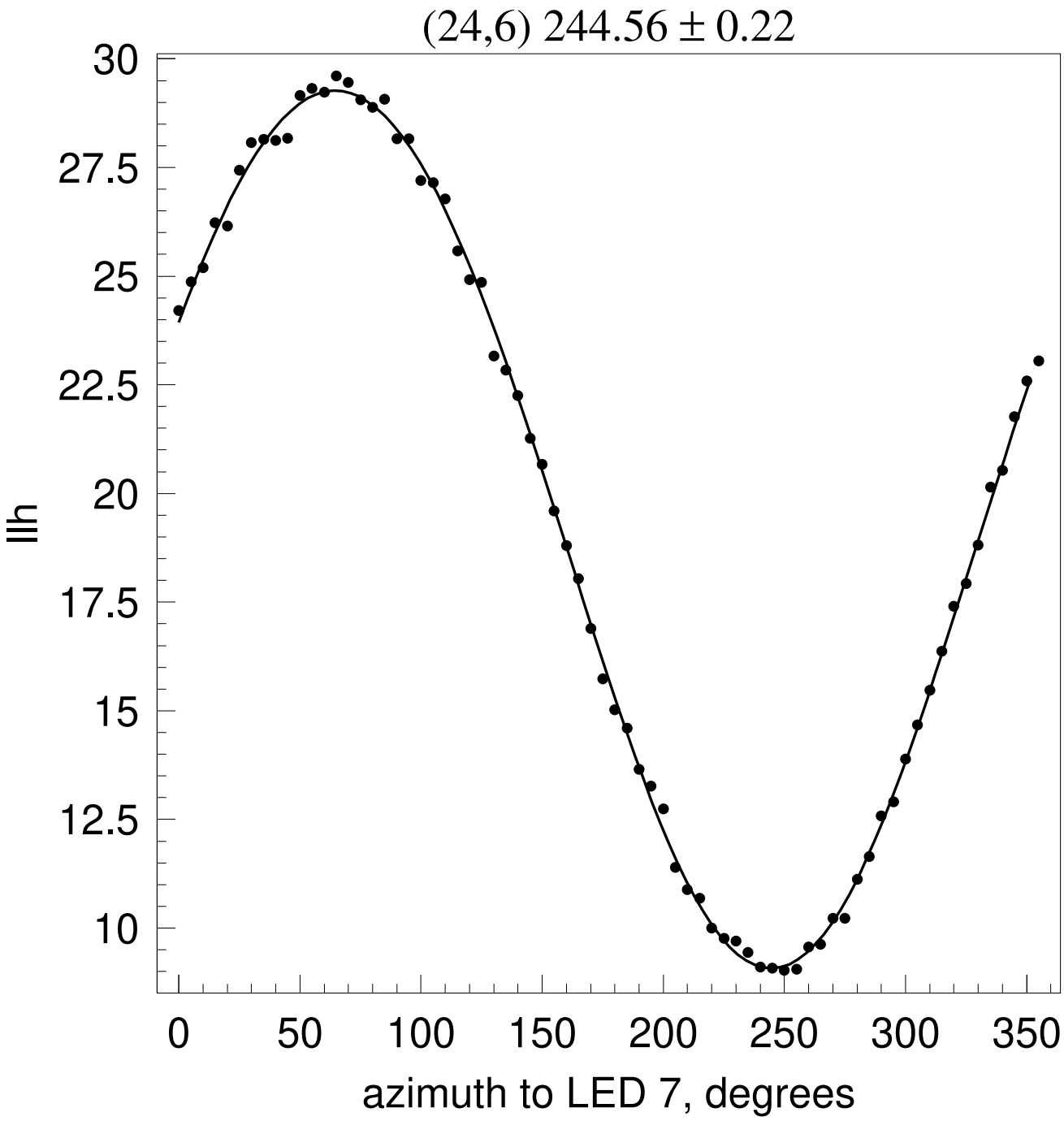

(24,1) 255.01 ± 0.30
32.5
30
27.5
25
22.5
20
17.5
15
12.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

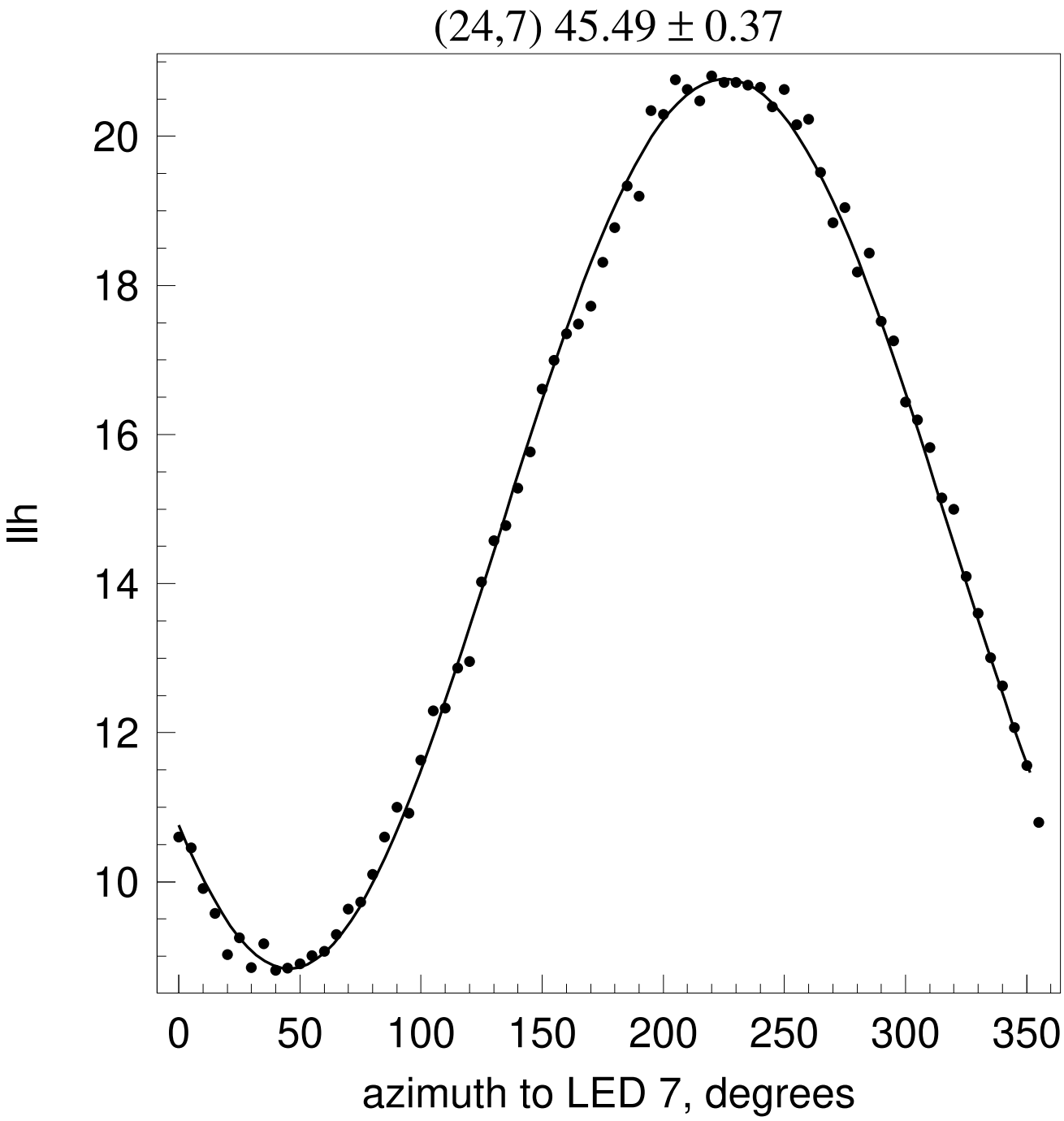

(24,2) 274.56 ± 0.00
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

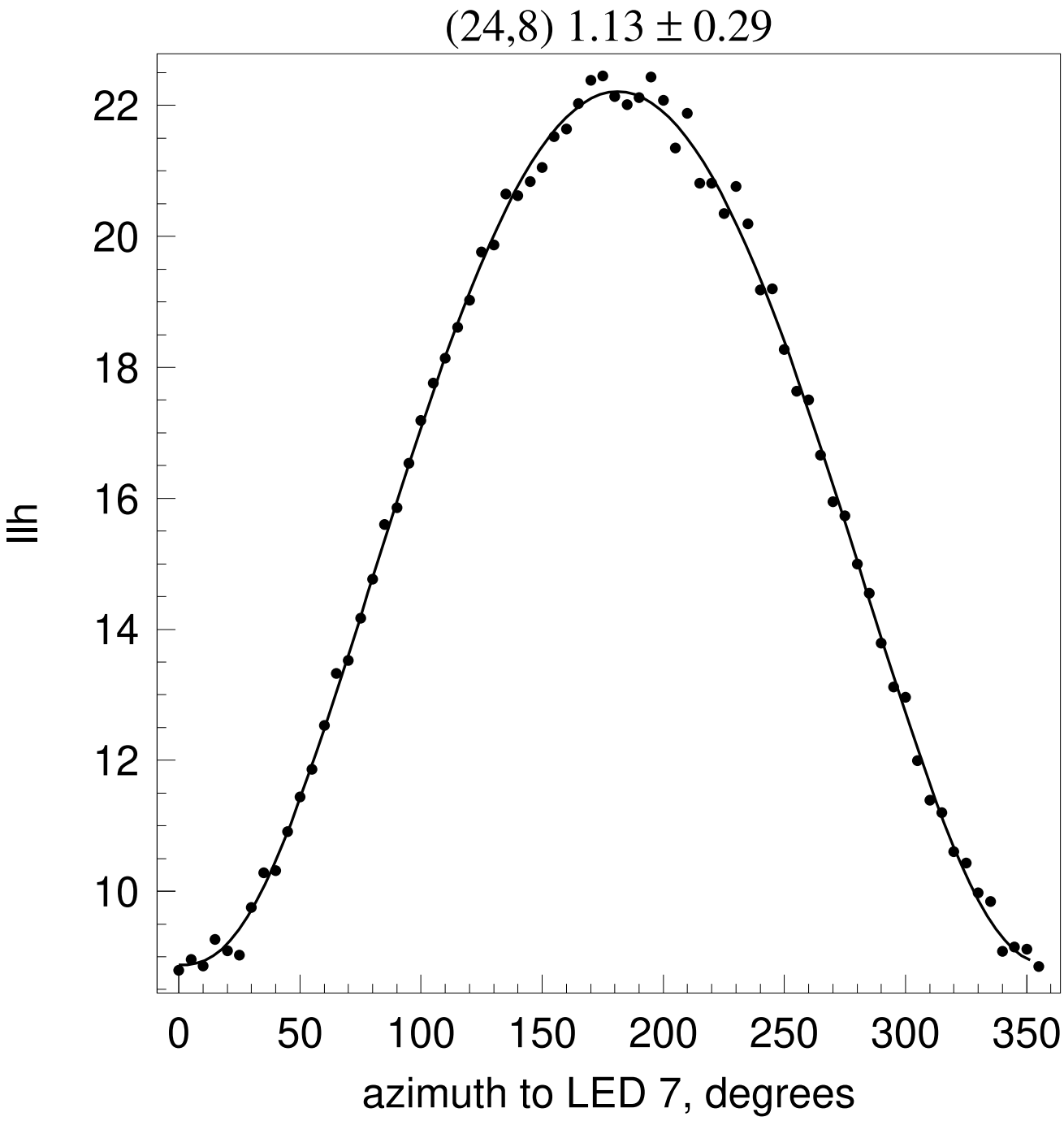

(24,3) 11.65 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

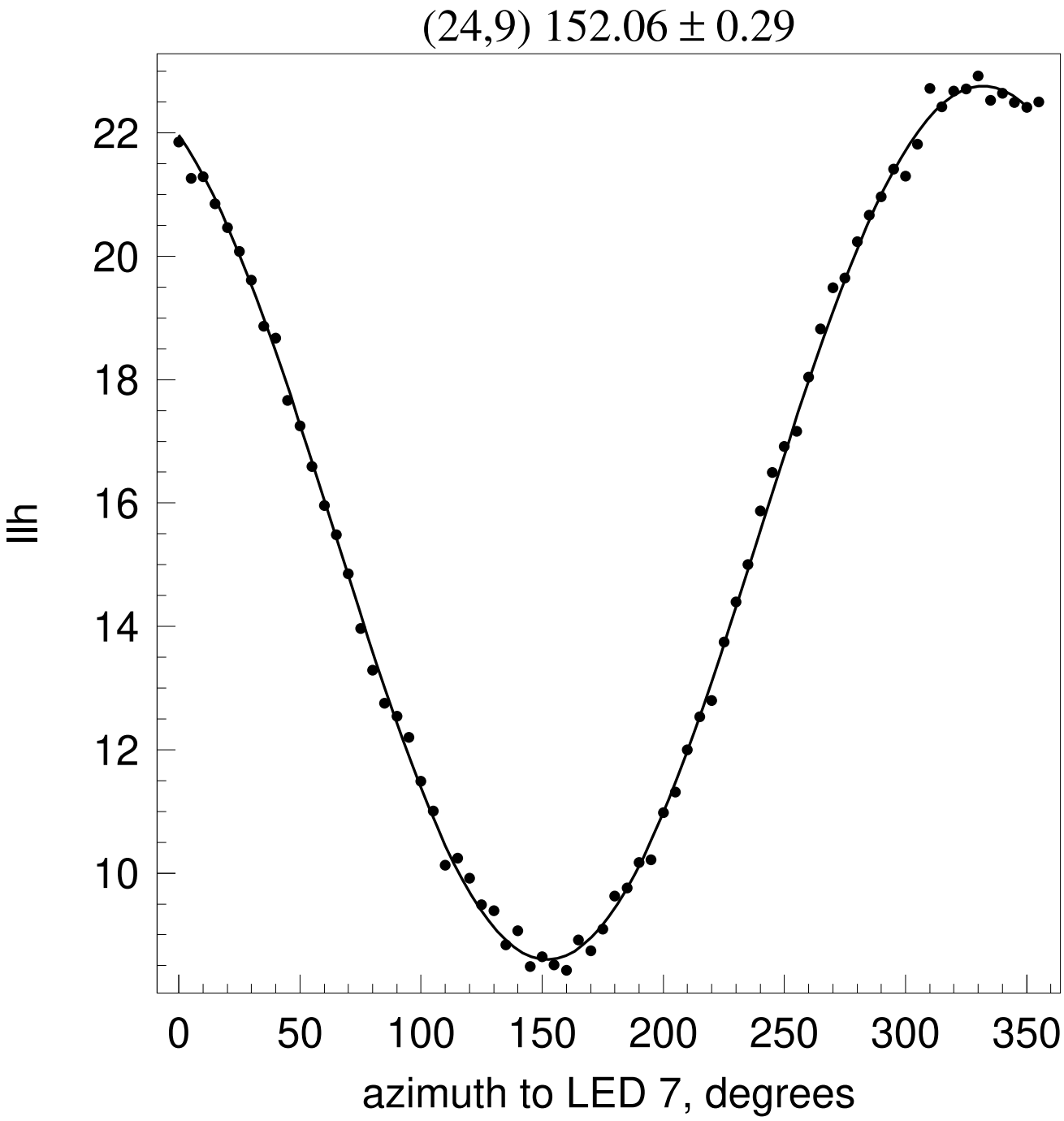

(24,4) 359.05 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

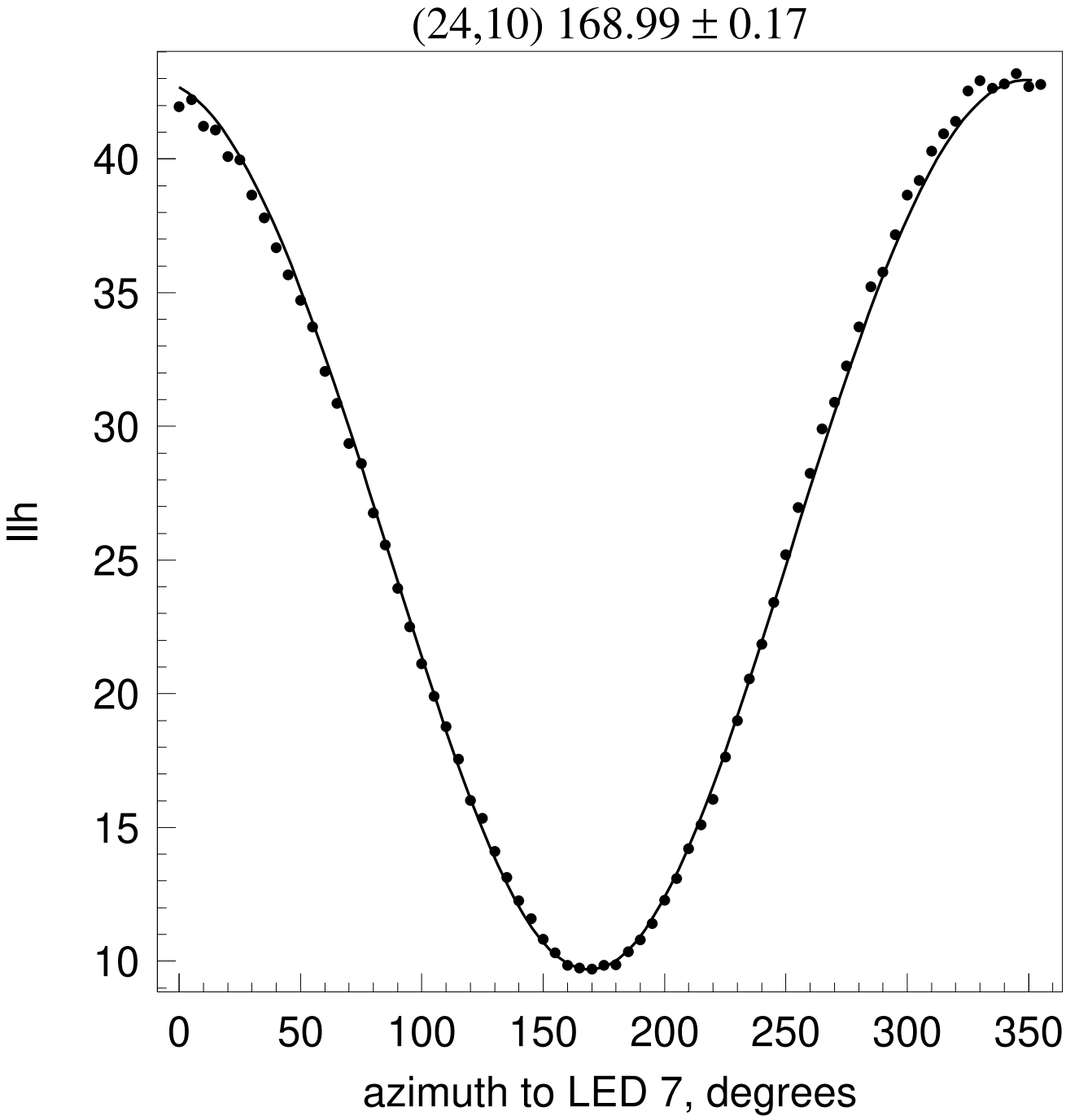

(24,5) 260.59 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

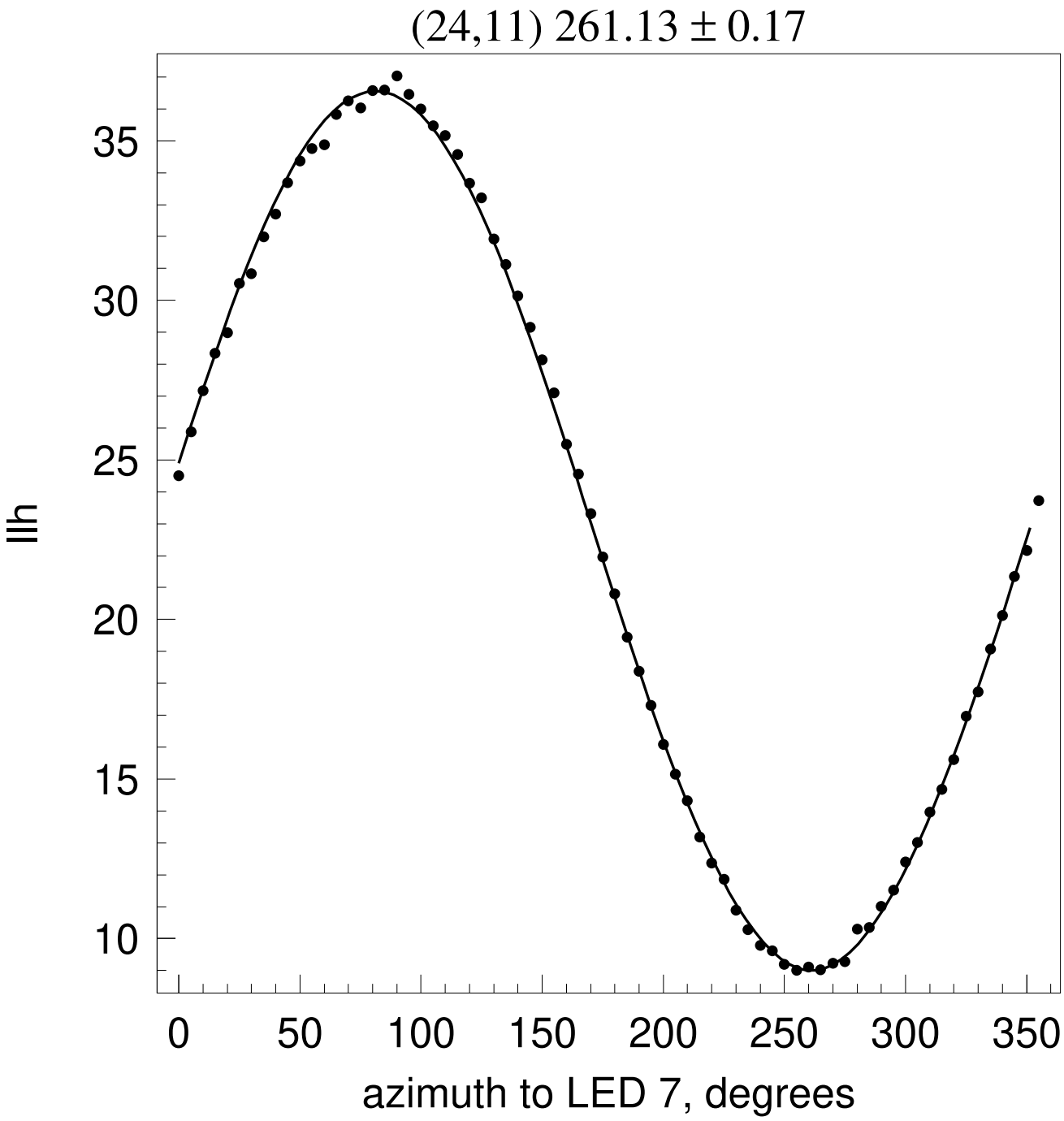

(24,6) 244.56 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

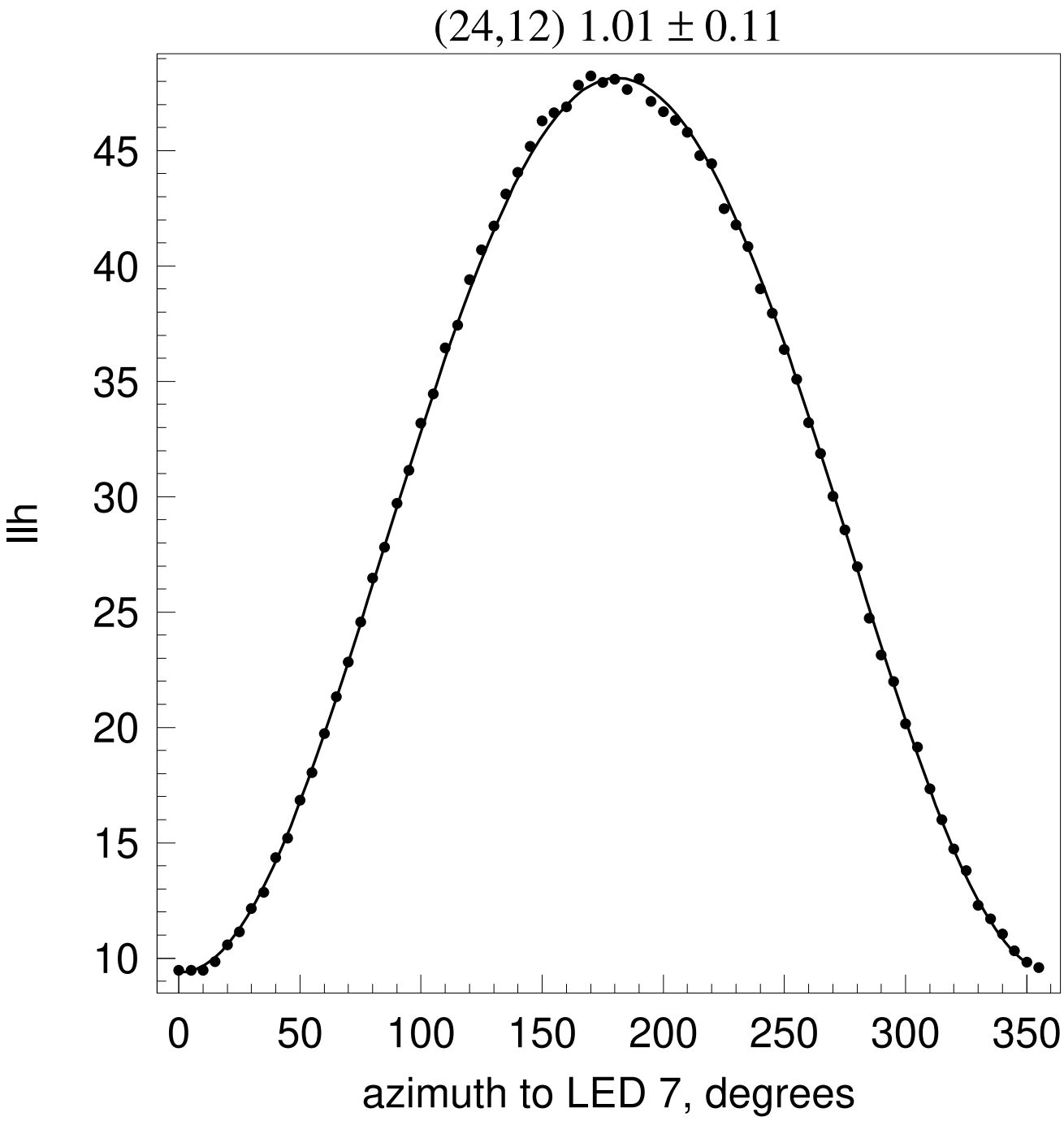

(24,7) 45.49 ± 0.37
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

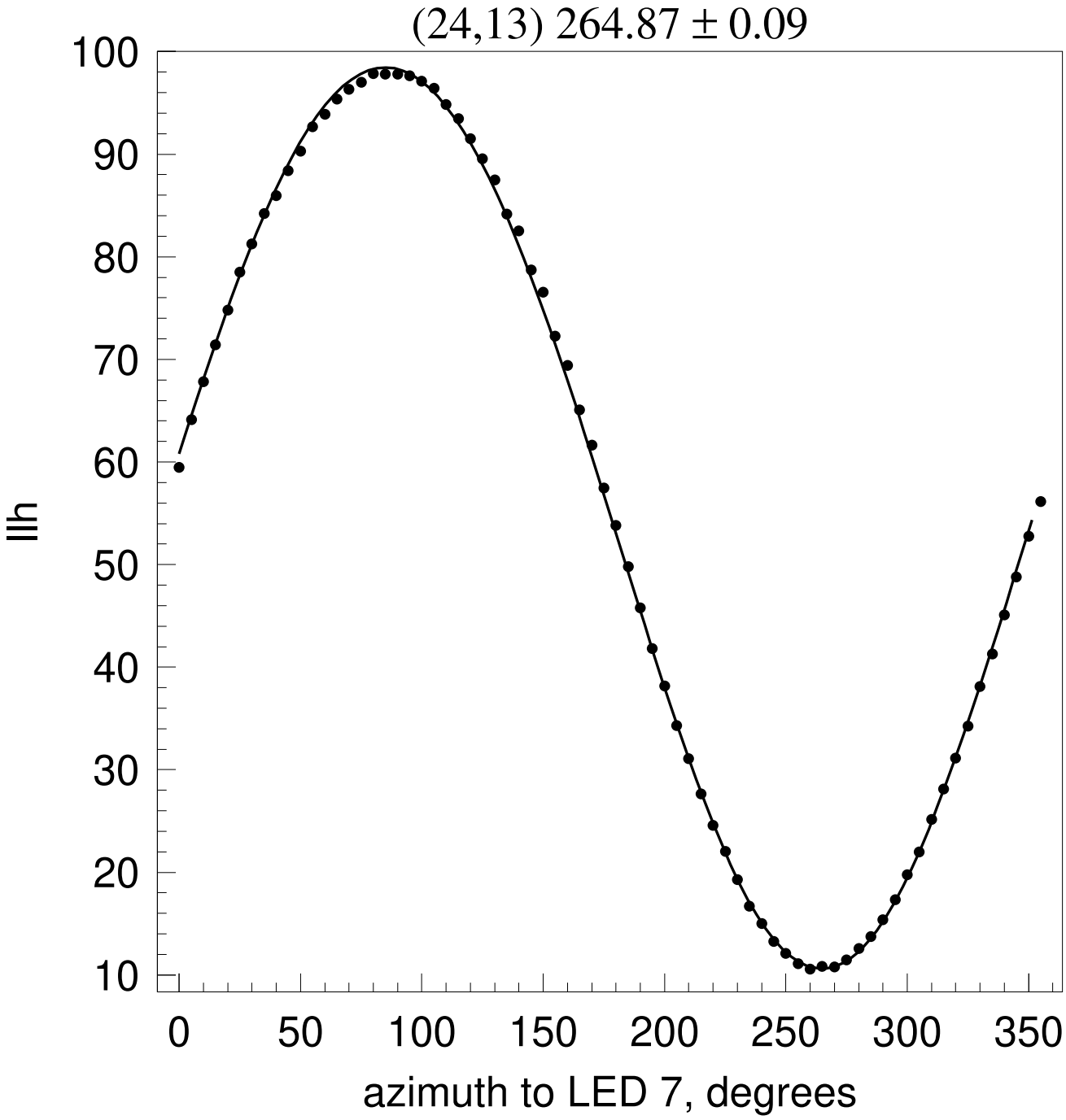

(24,8) 1.13 ± 0.29
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

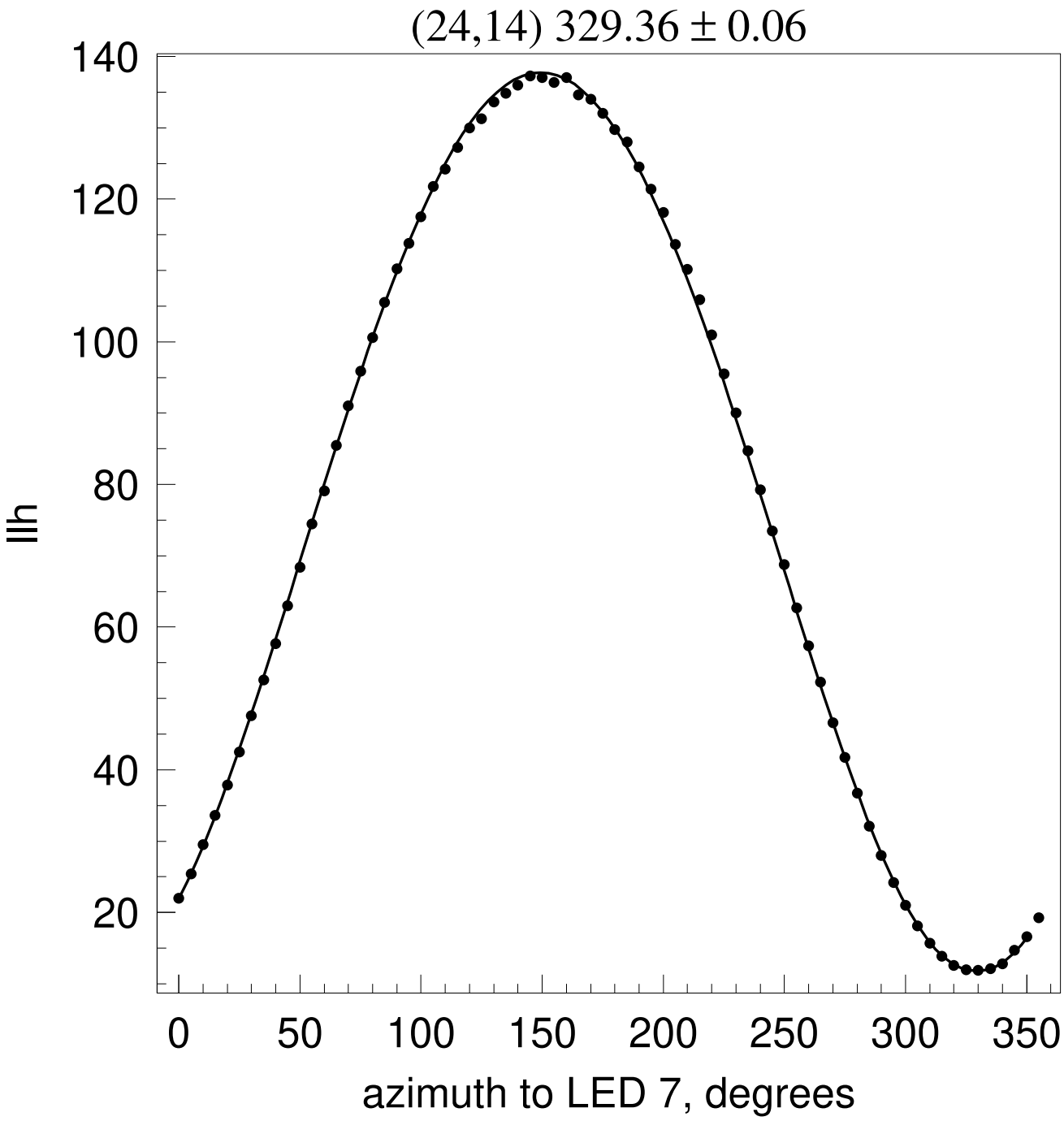

(24,9) 152.06 ± 0.29
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

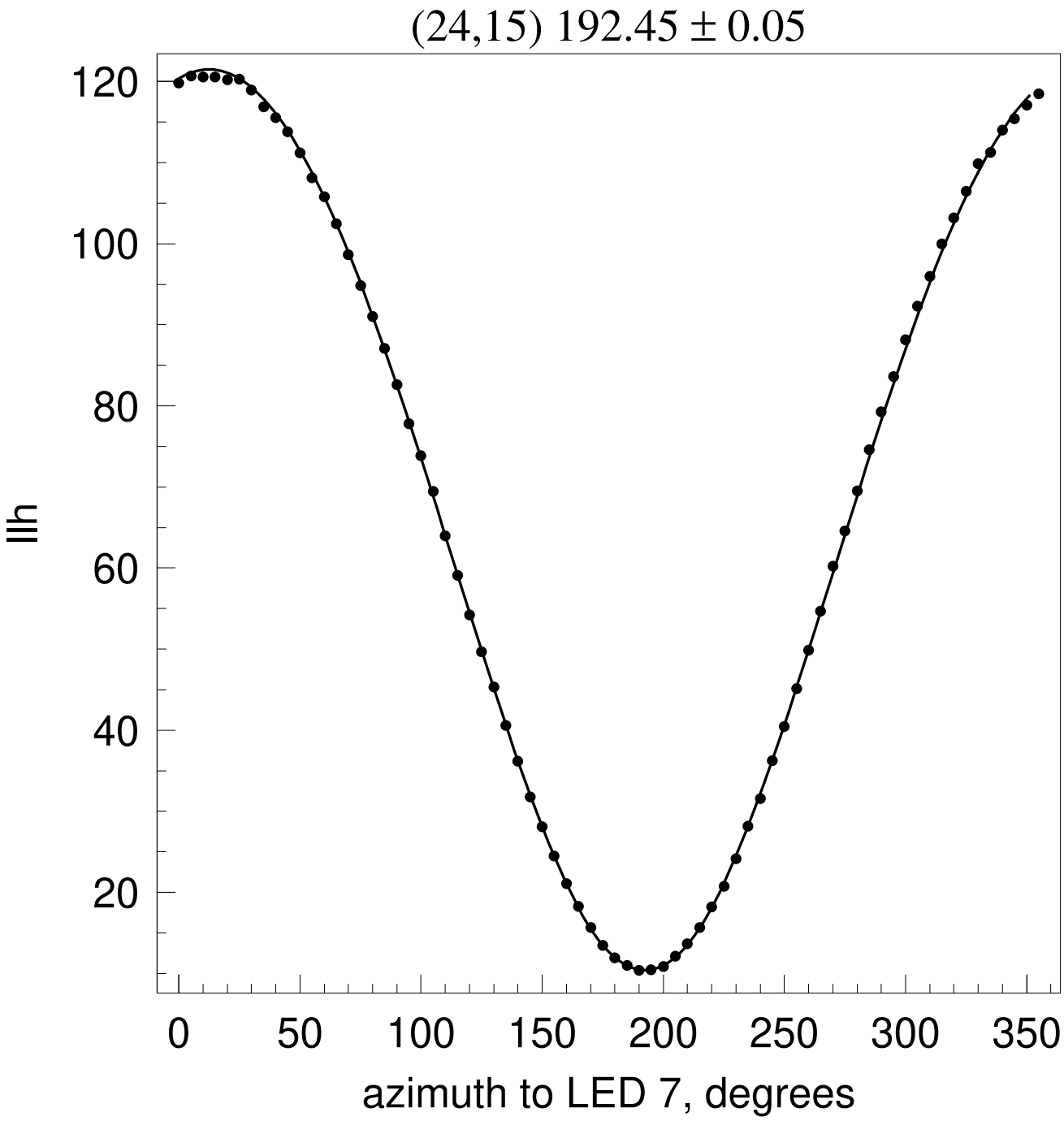

(24,10) 168.99 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

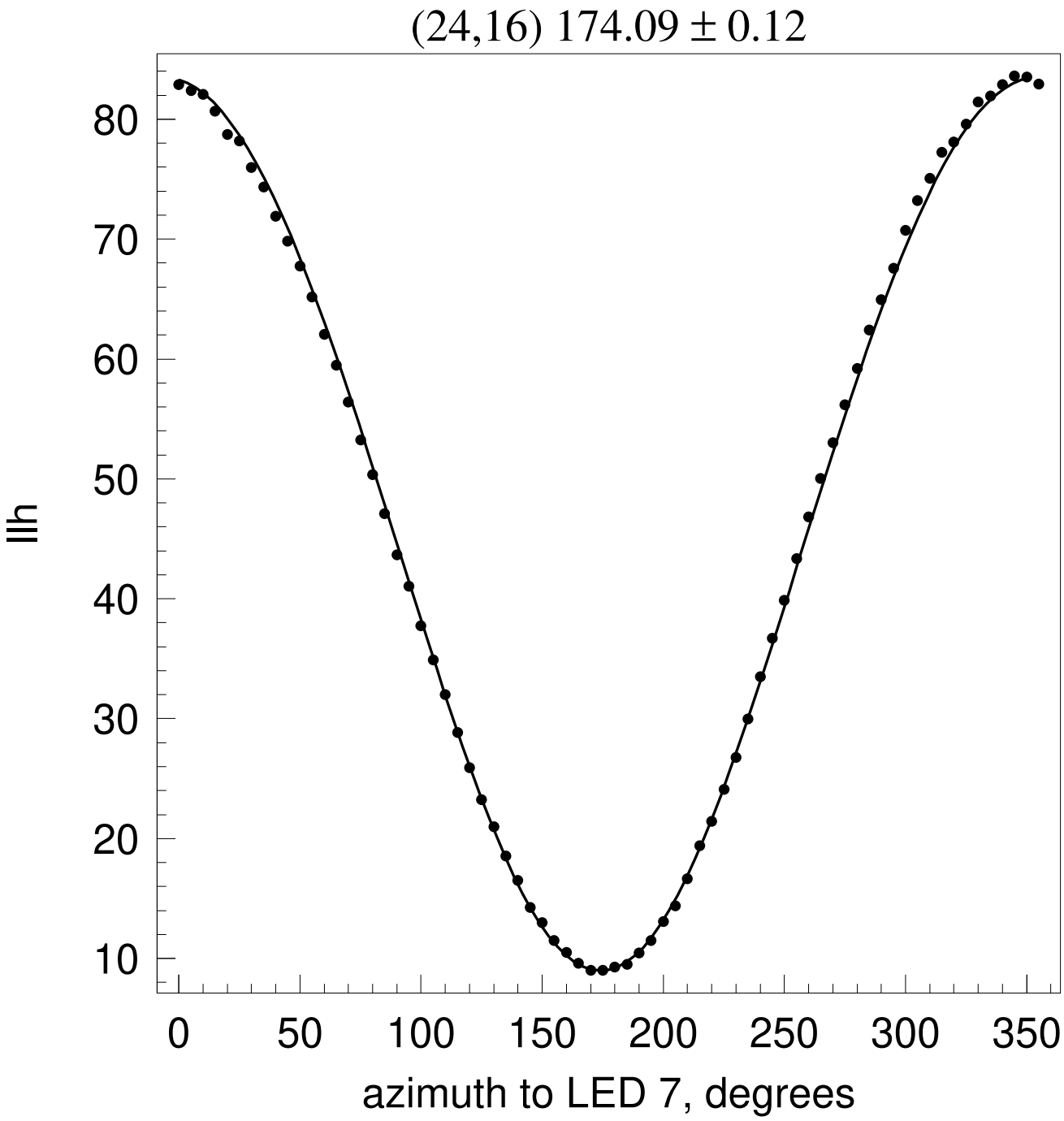

(24,11) 261.13 ± 0.17
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

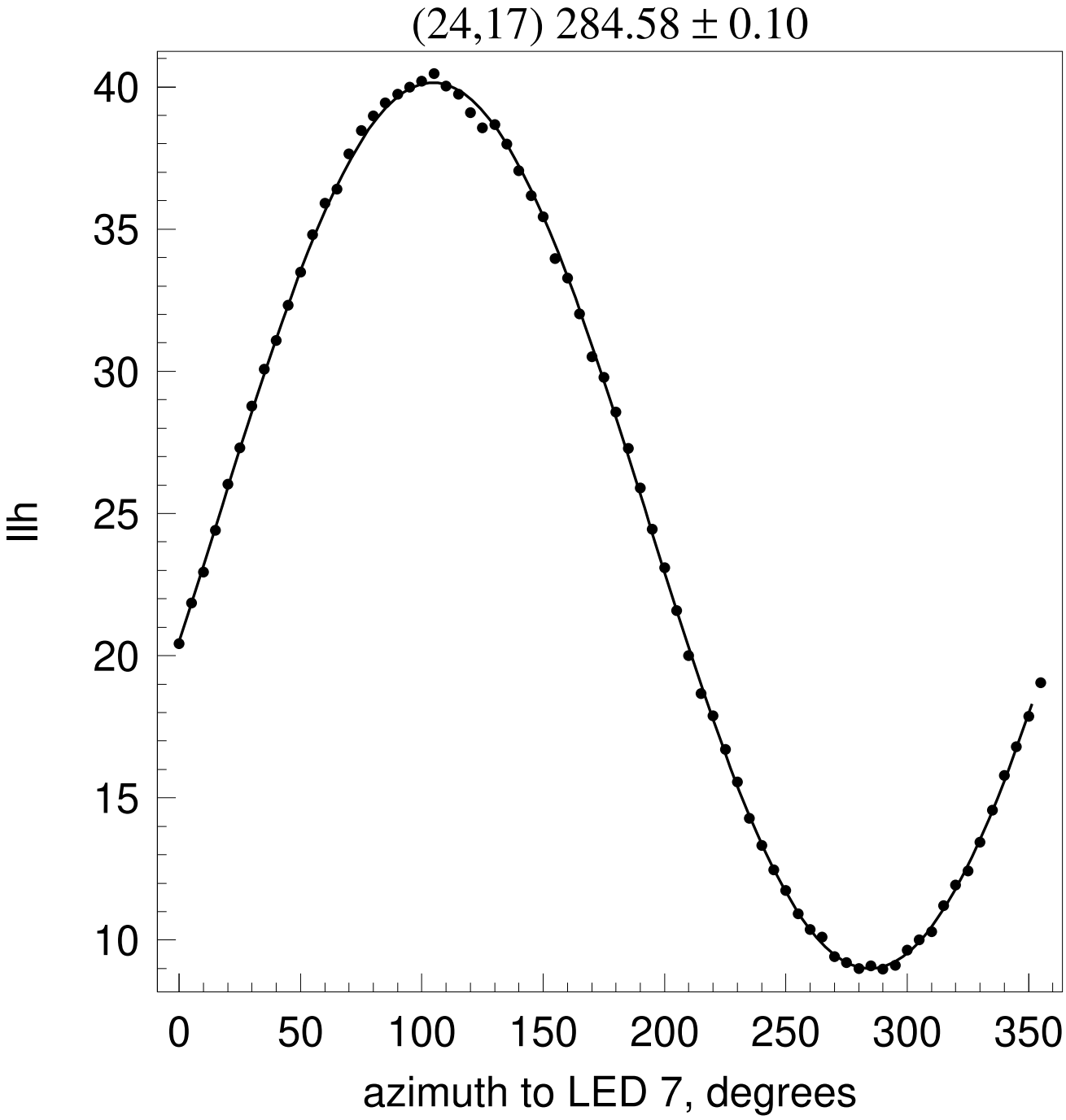

(24,12) 1.01 ± 0.11
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

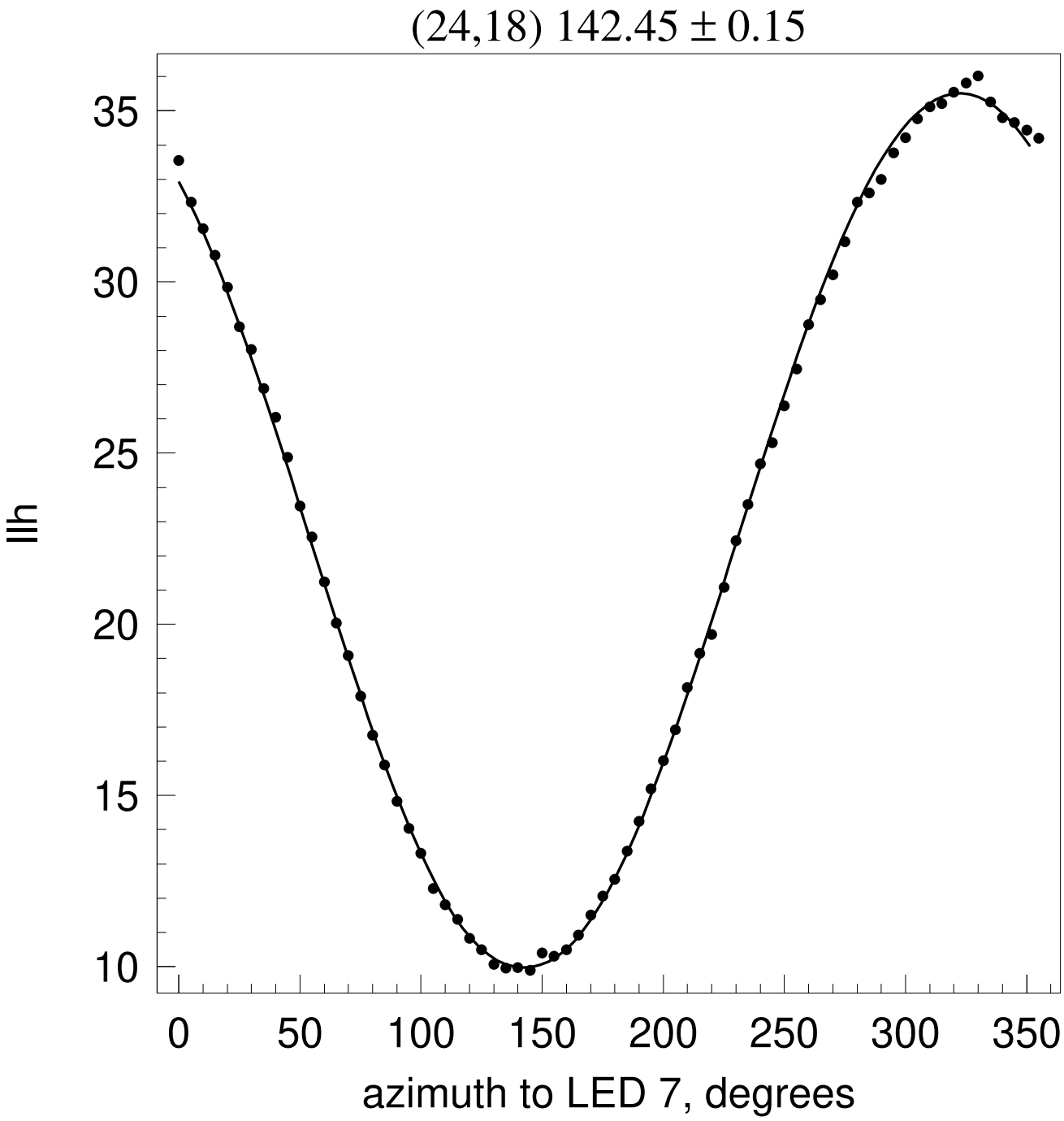

(24,13) 264.87 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

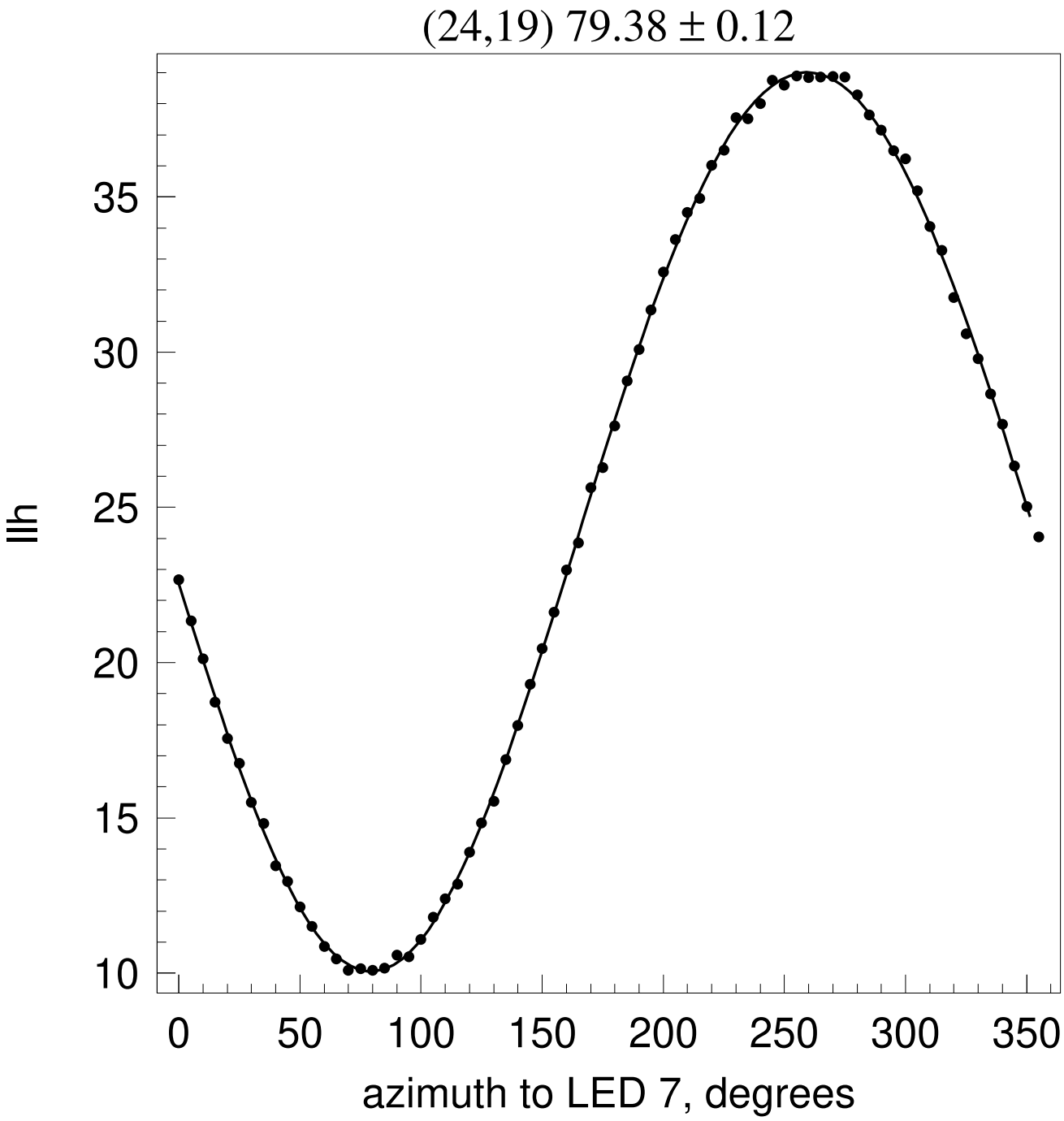

(24,14) 329.36 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

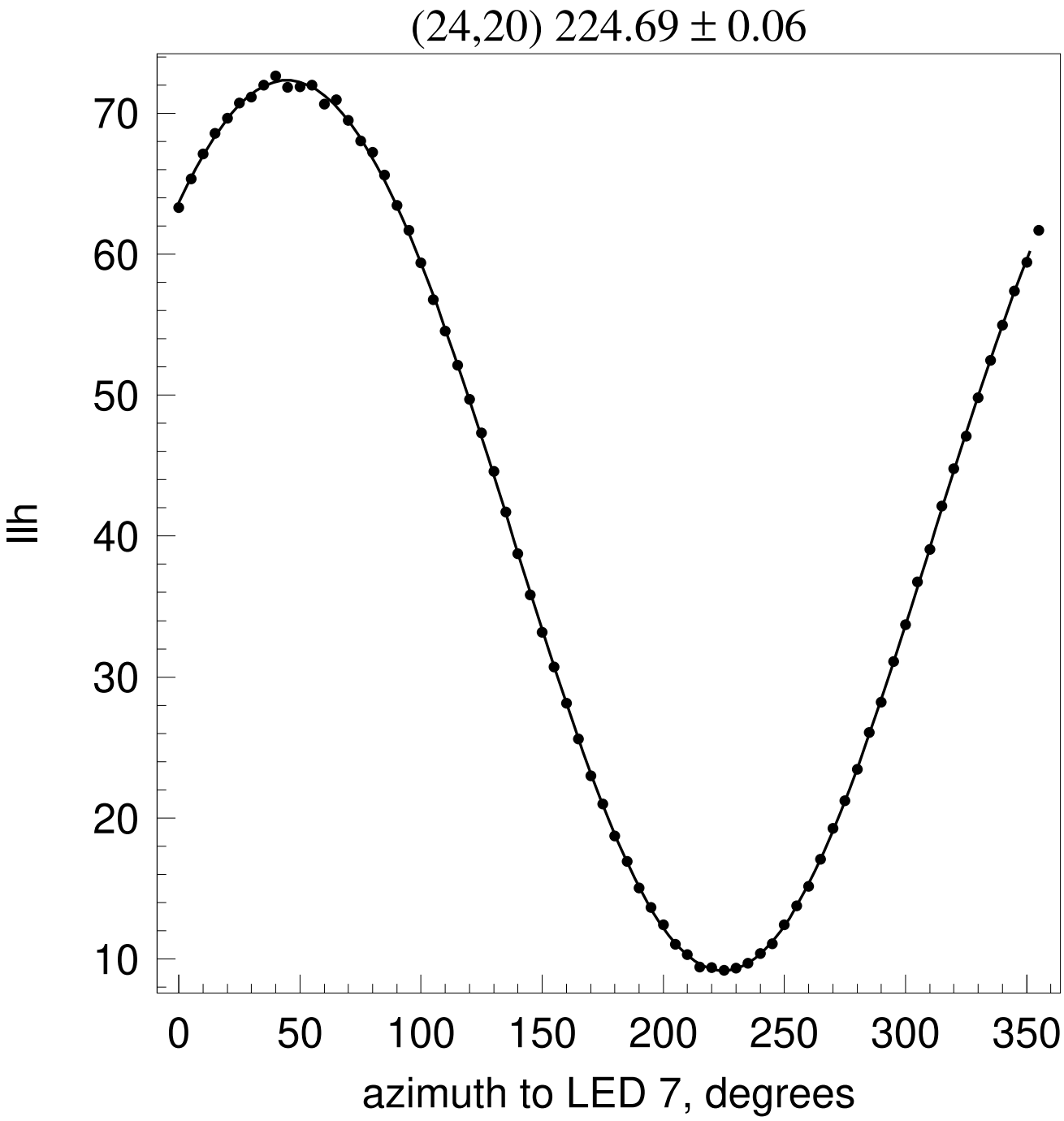

(24,15) 192.45 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

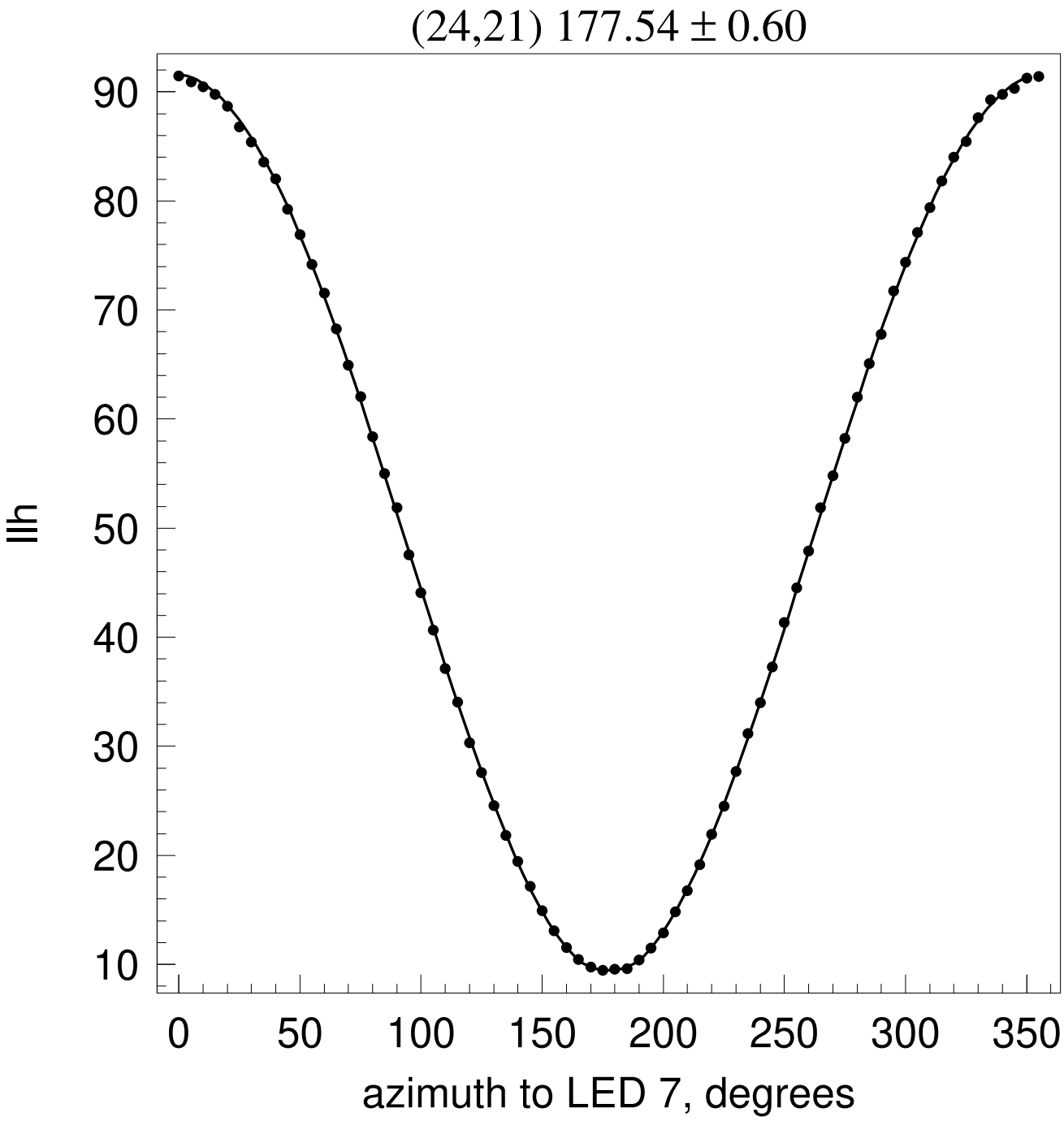

(24,16) 174.09 ± 0.12
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

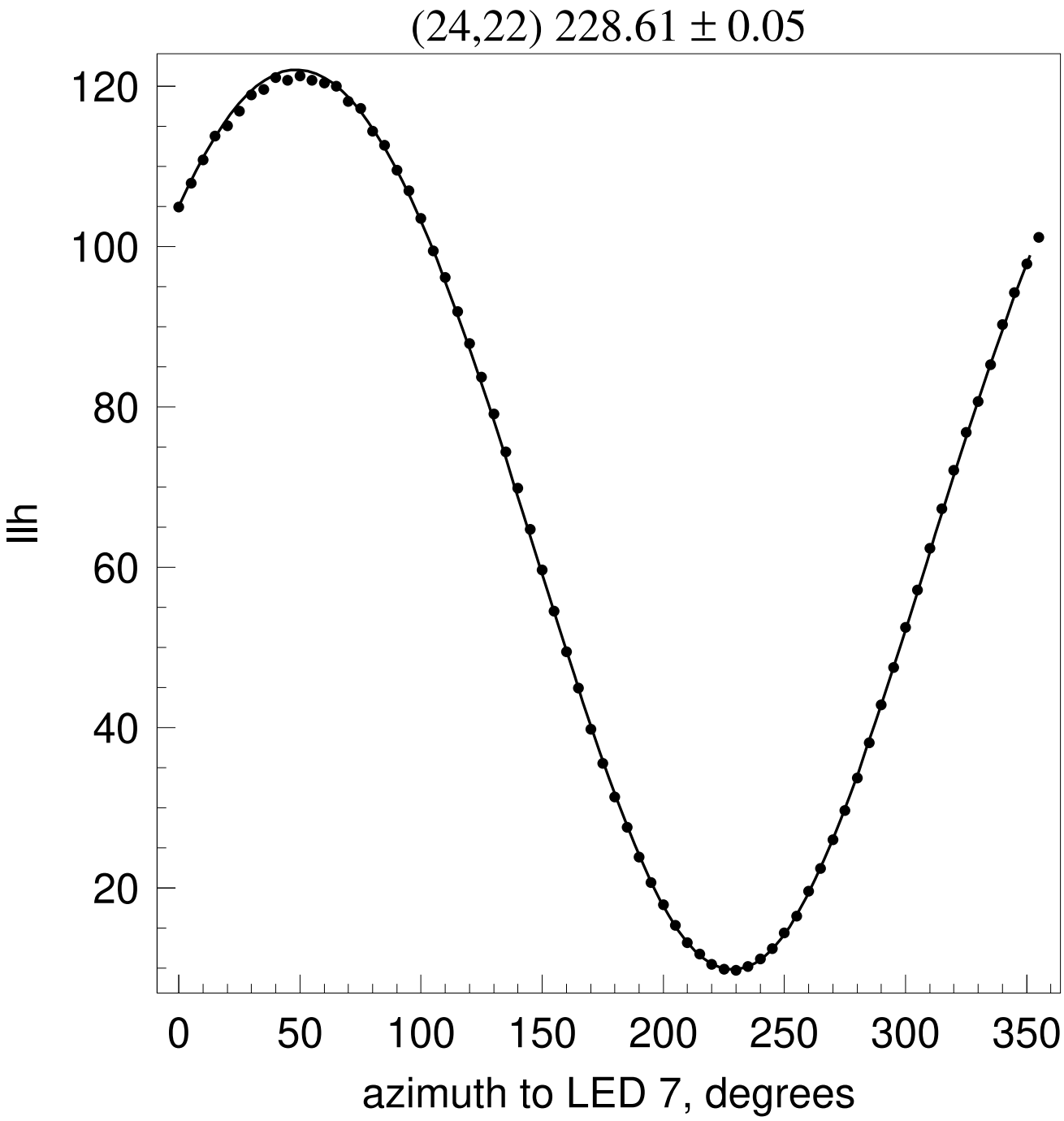

(24,17) 284.58 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

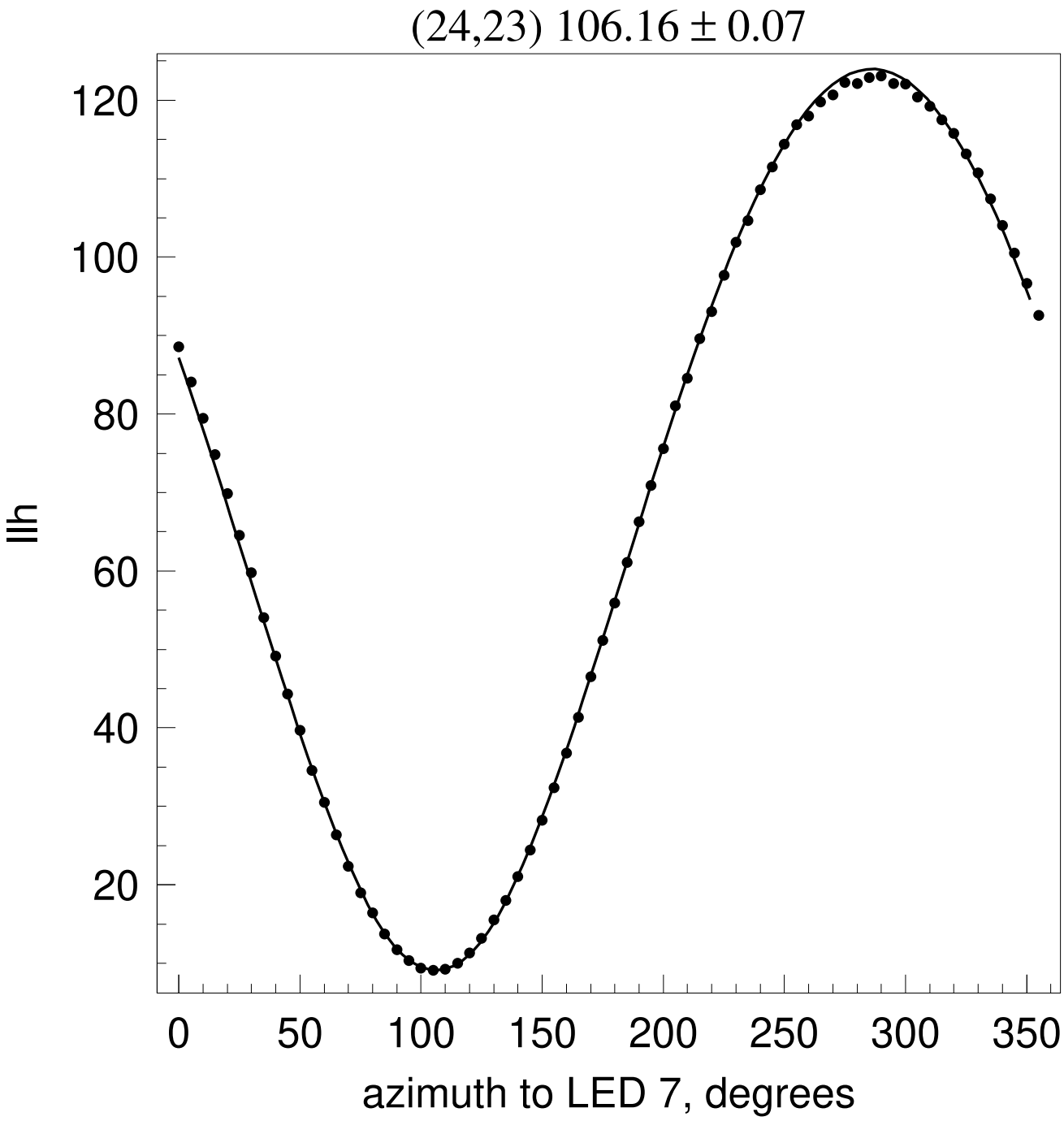

(24,18) 142.45 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

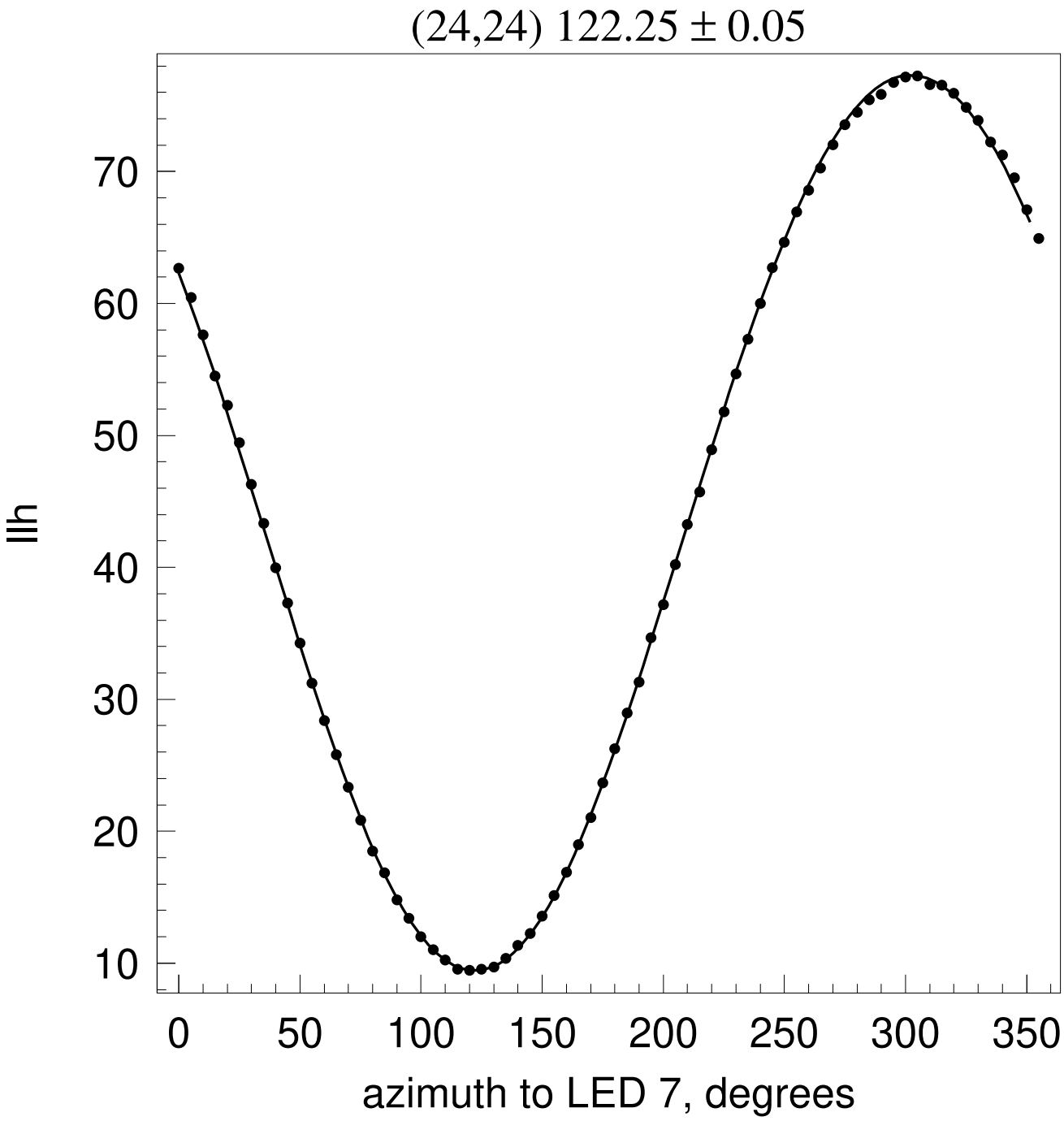

(24,19) 79.38 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

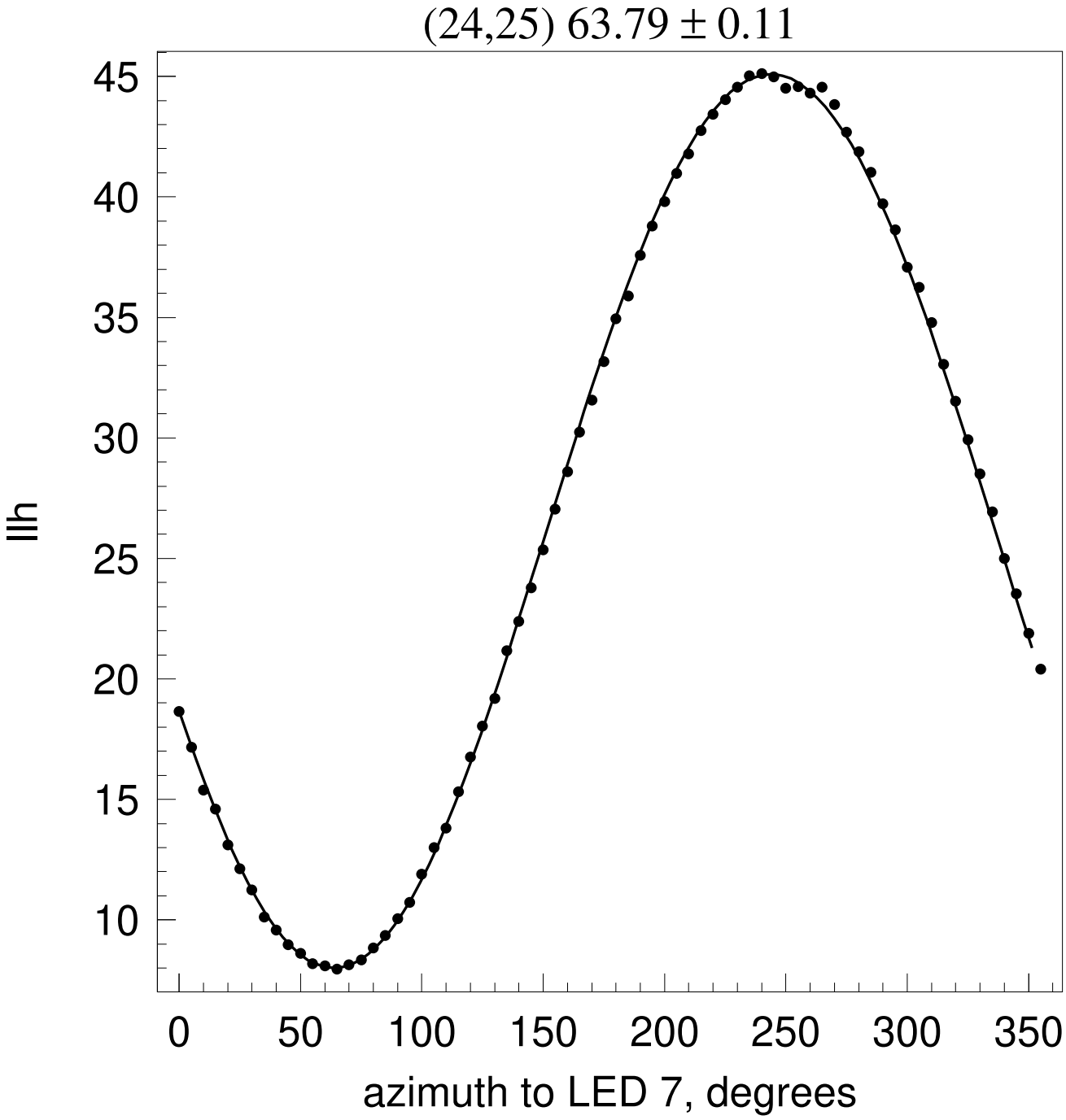

(24,20) 224.69 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

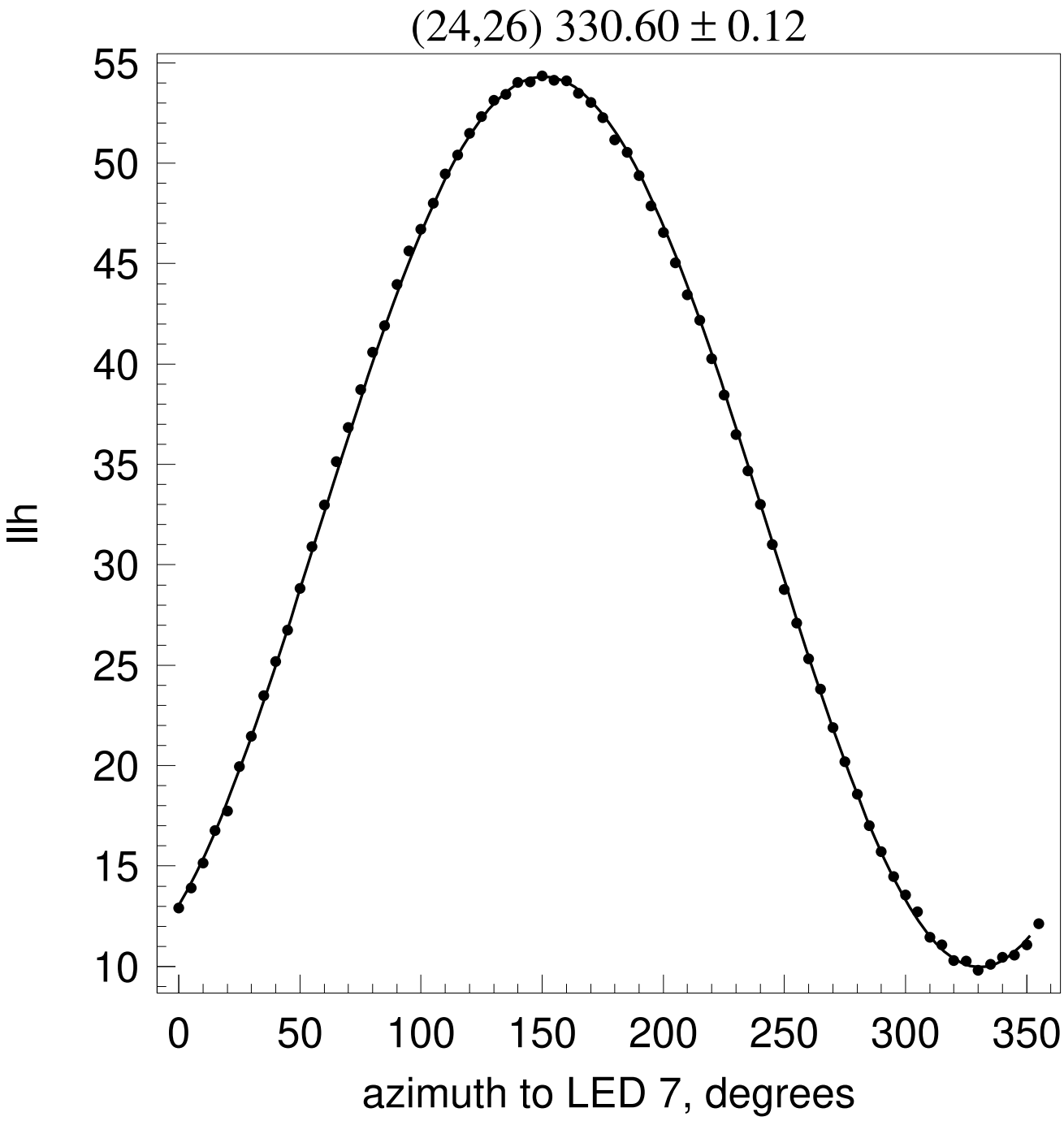

(24,21) 177.54 ± 0.60
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

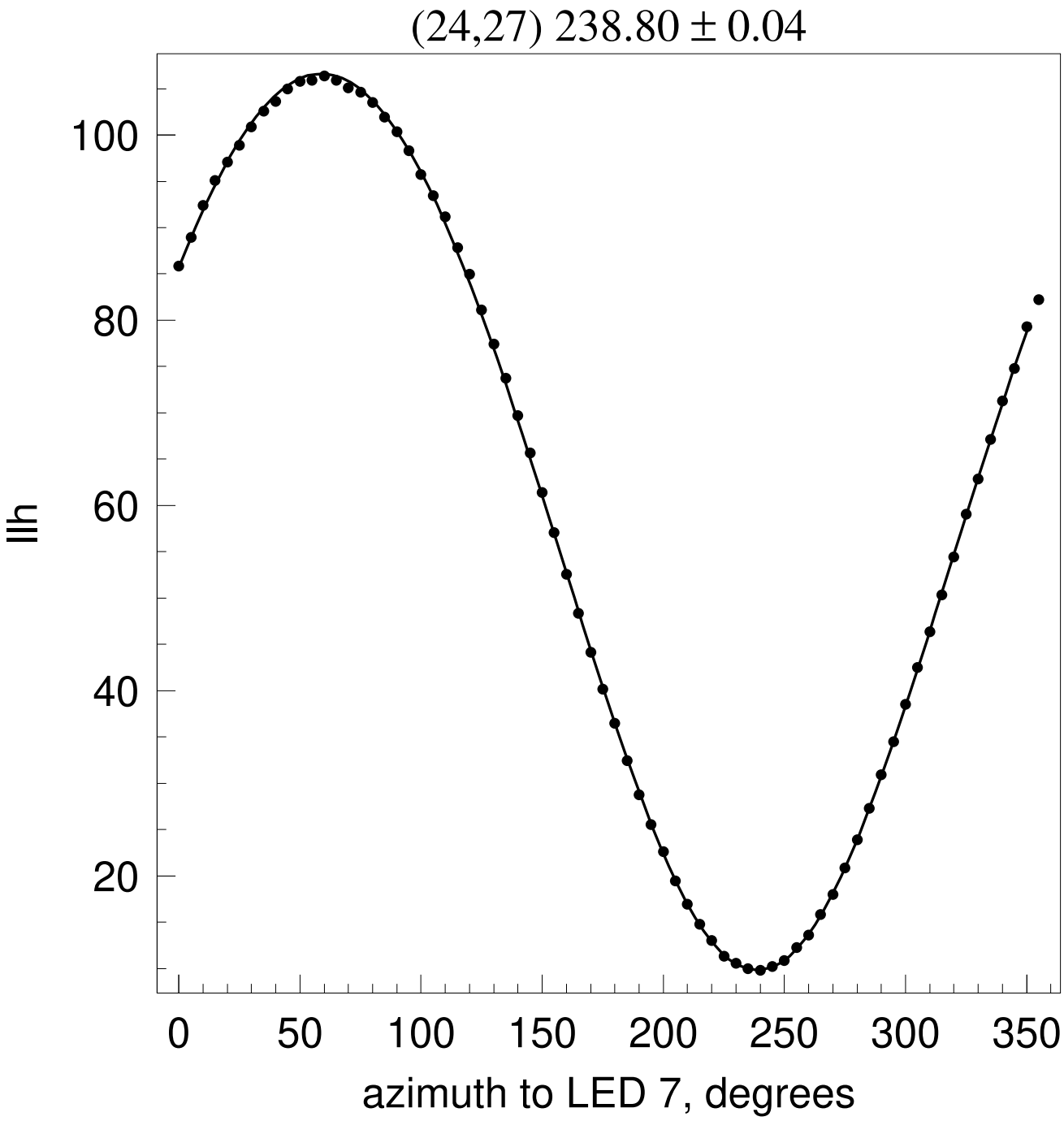

(24,22) 228.61 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

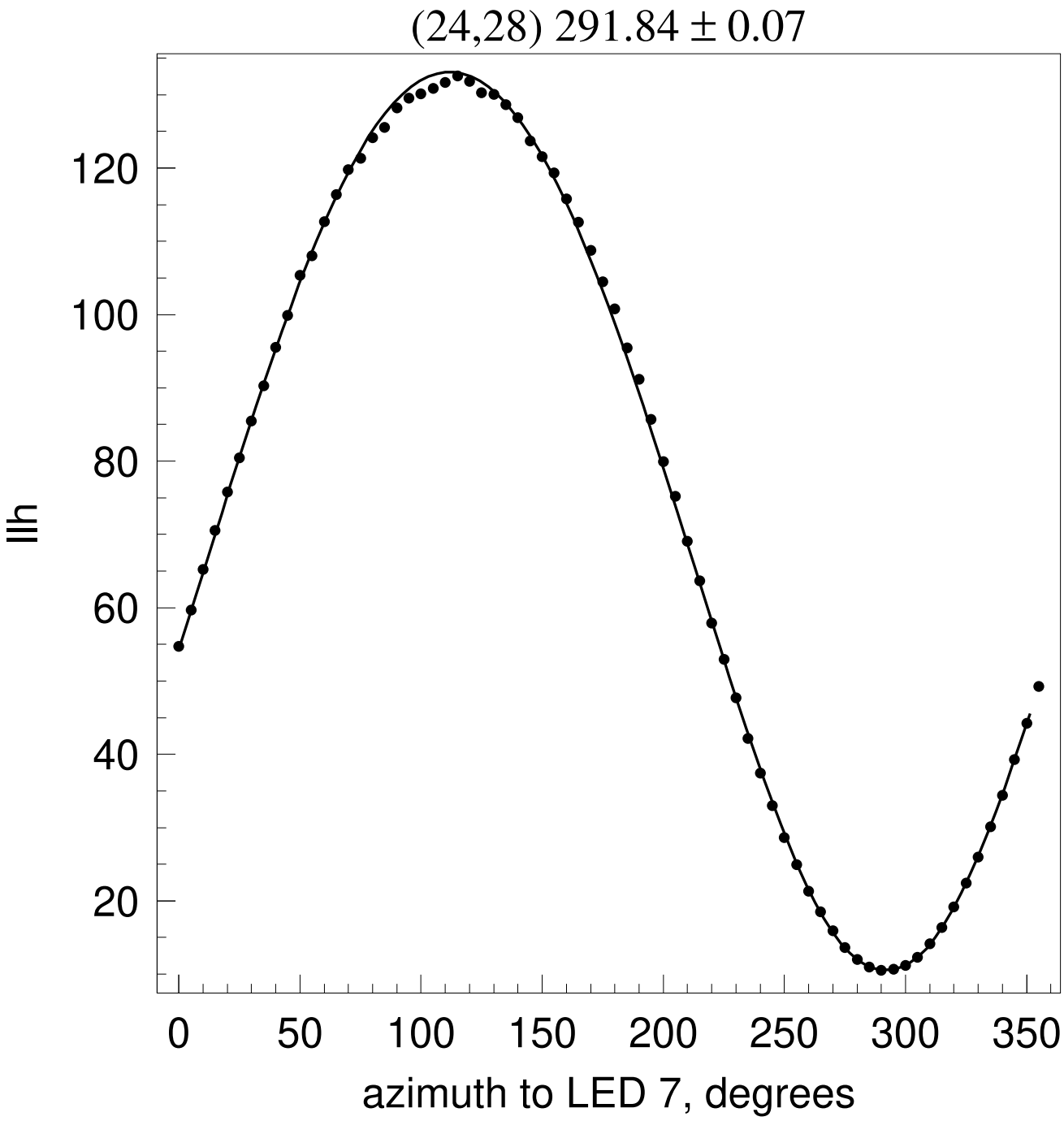

(24,23) 106.16 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

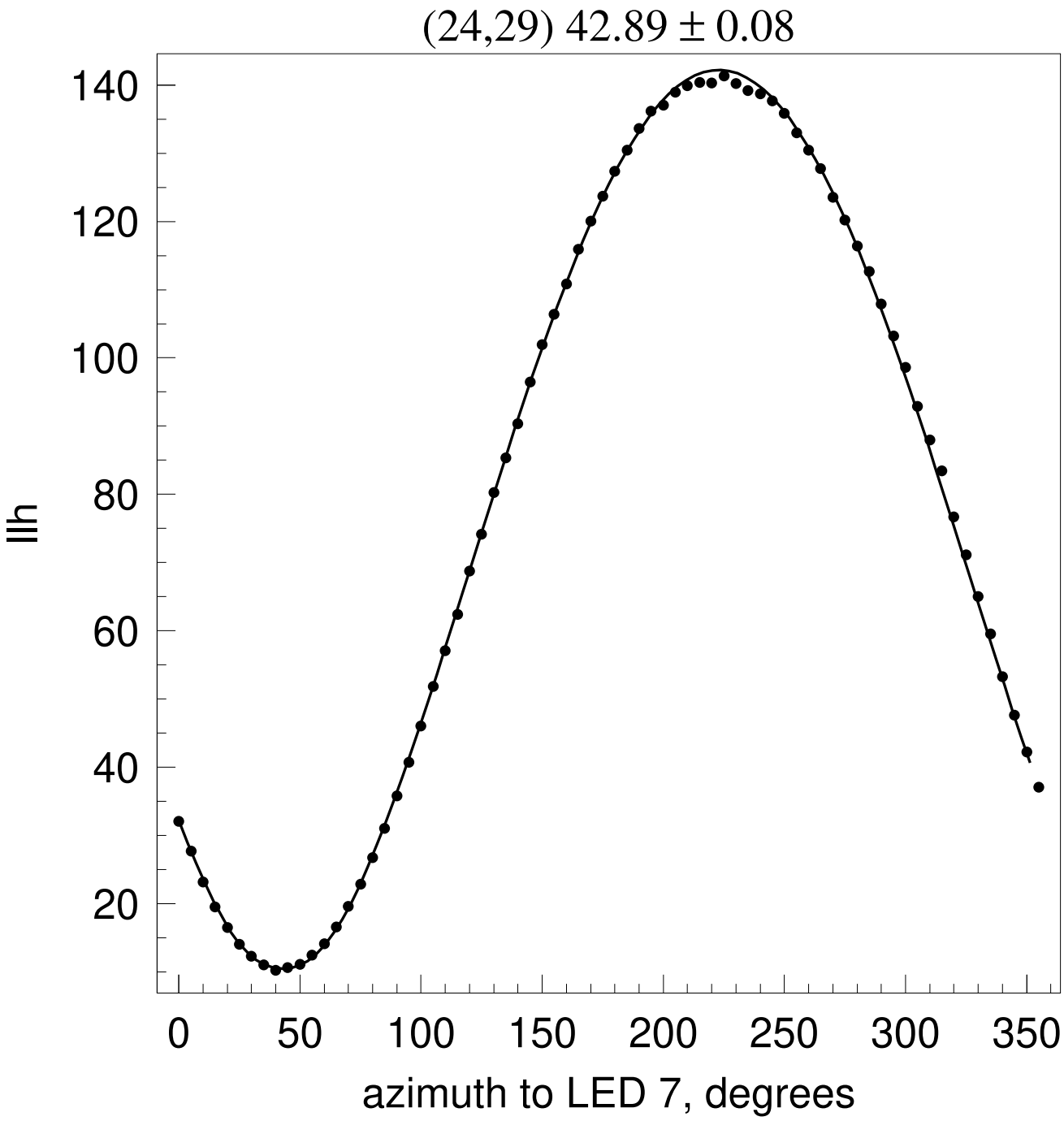

(24,24) 122.25 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

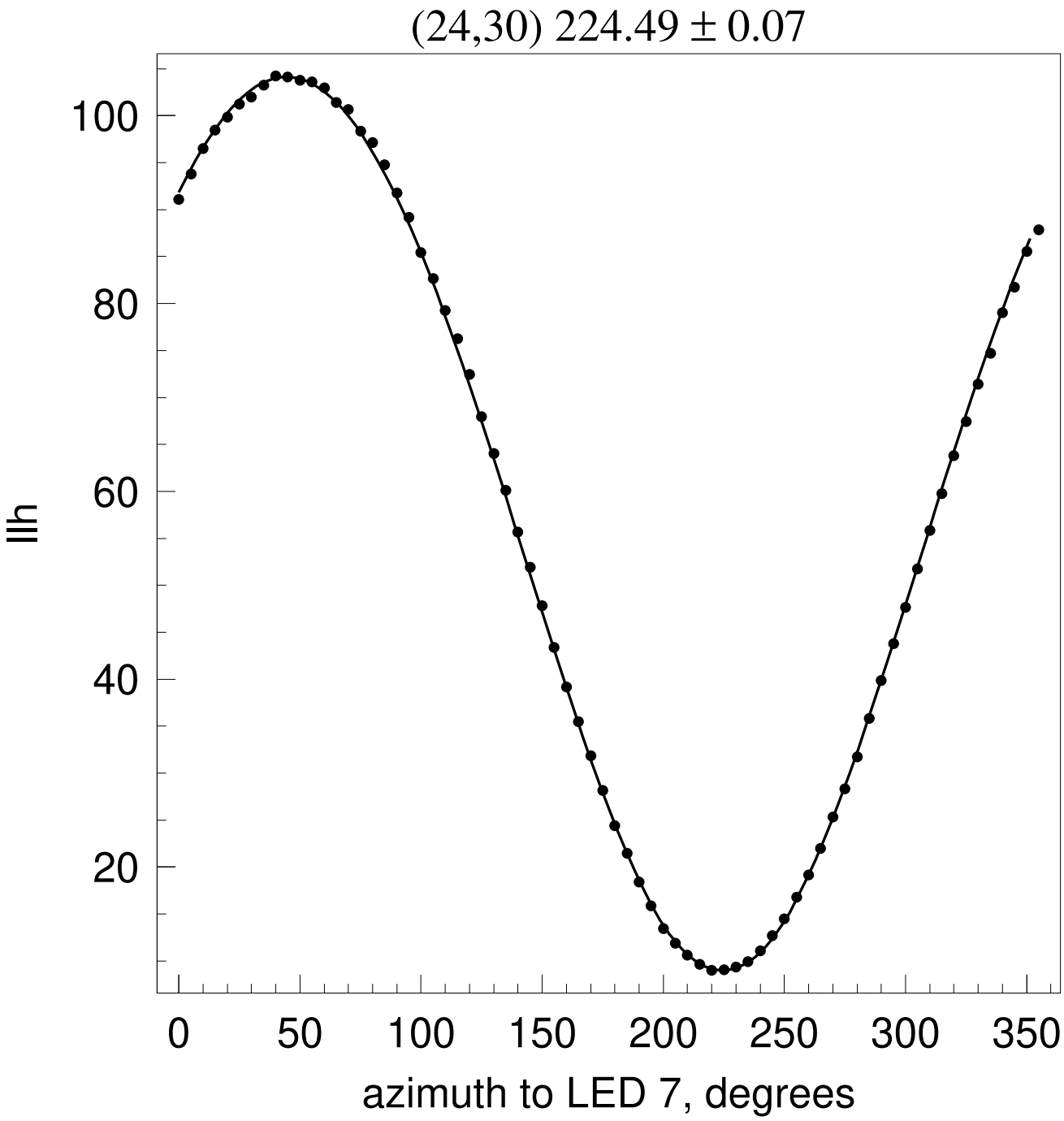

(24,25) 63.79 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

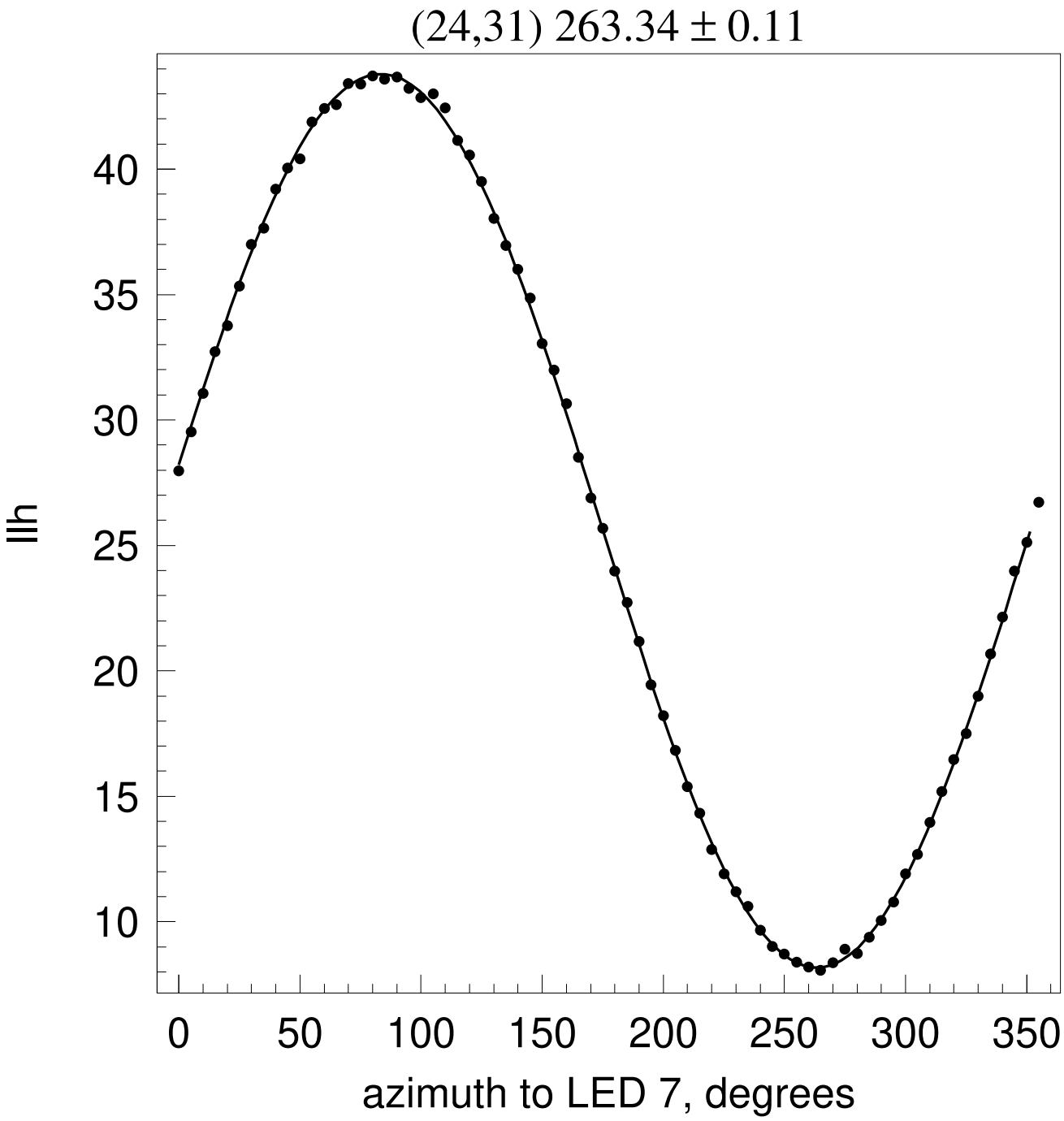

(24,26) 330.60 ± 0.12
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

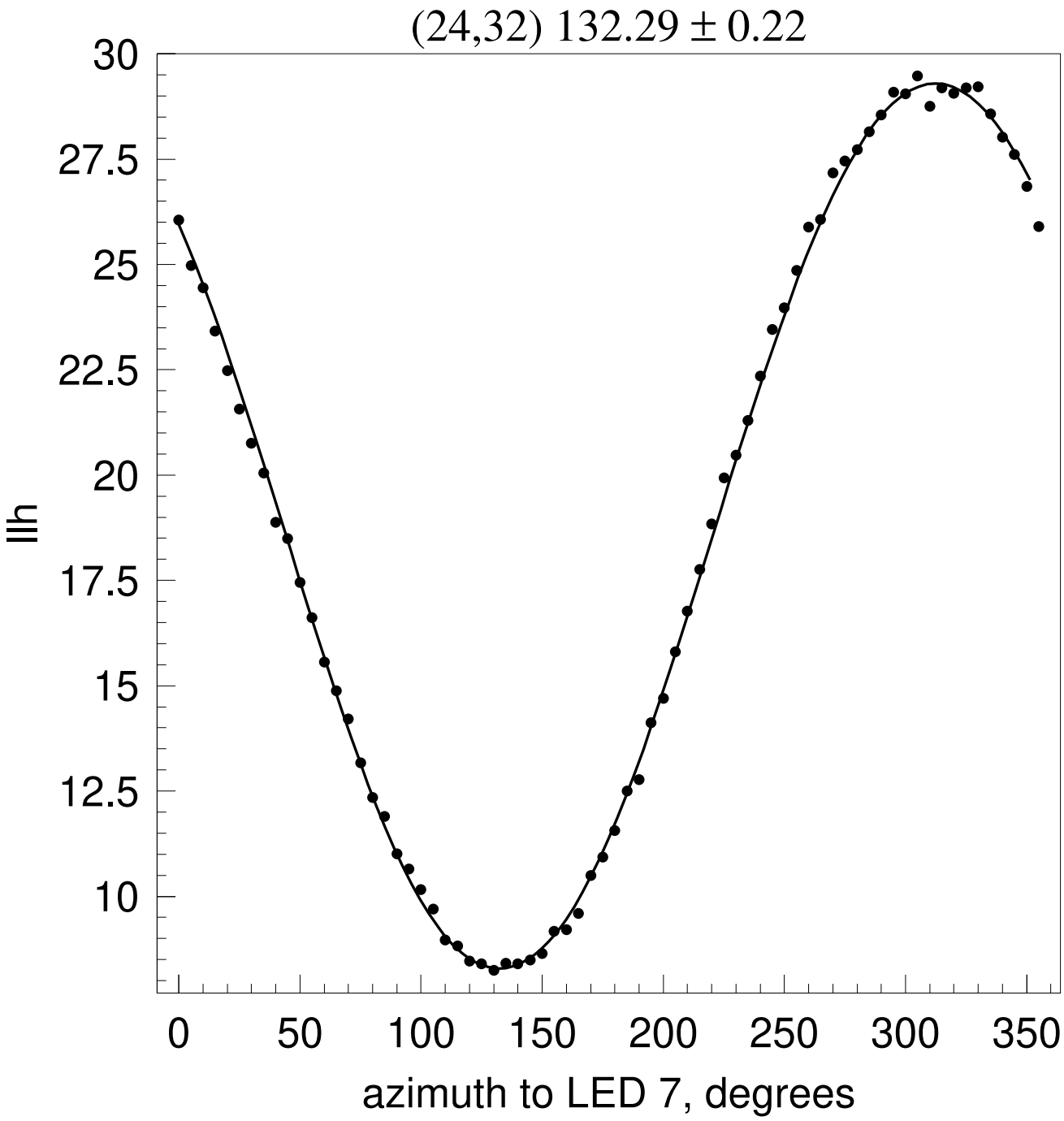

(24,27) 238.80 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

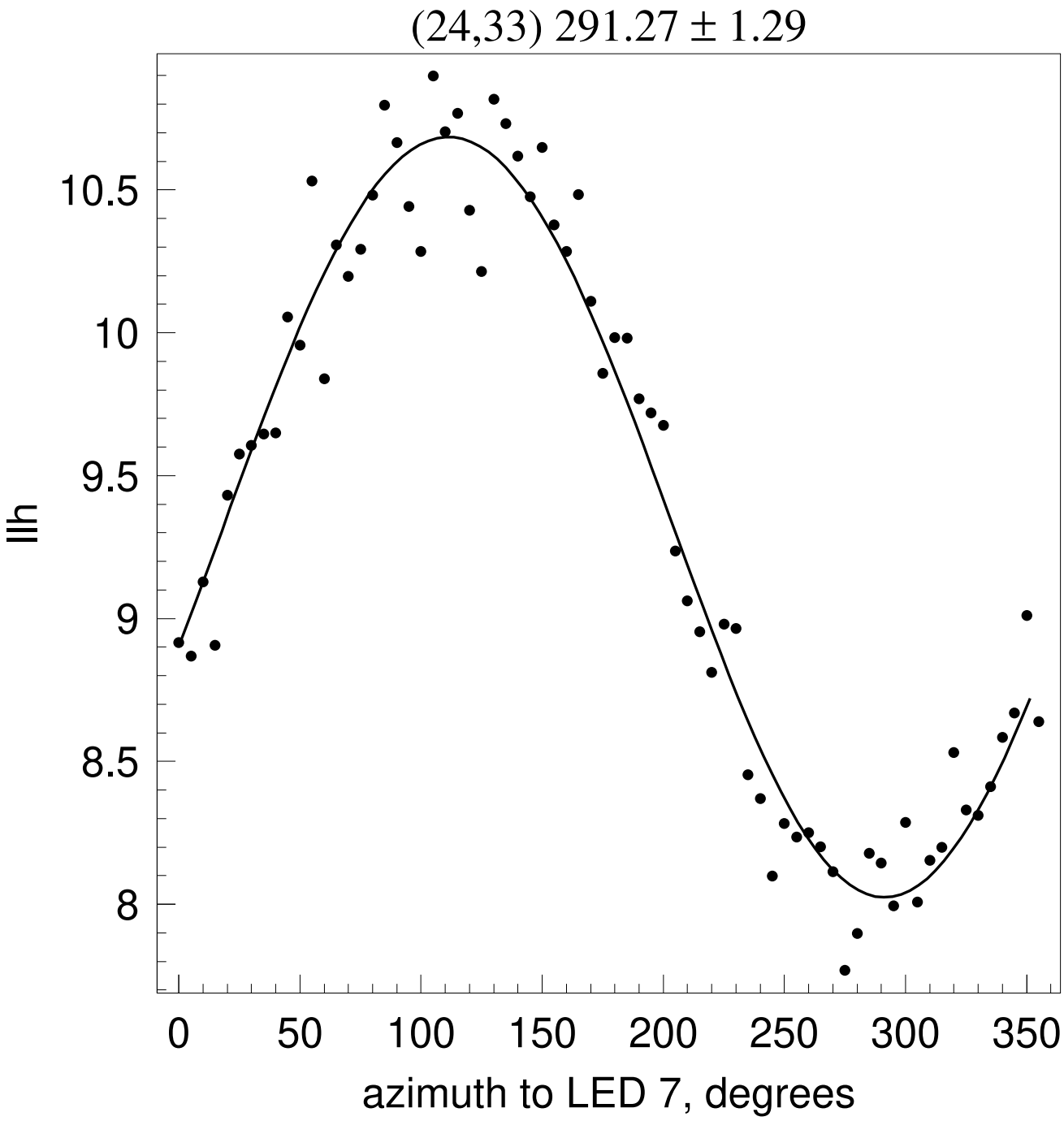

(24,28) 291.84 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

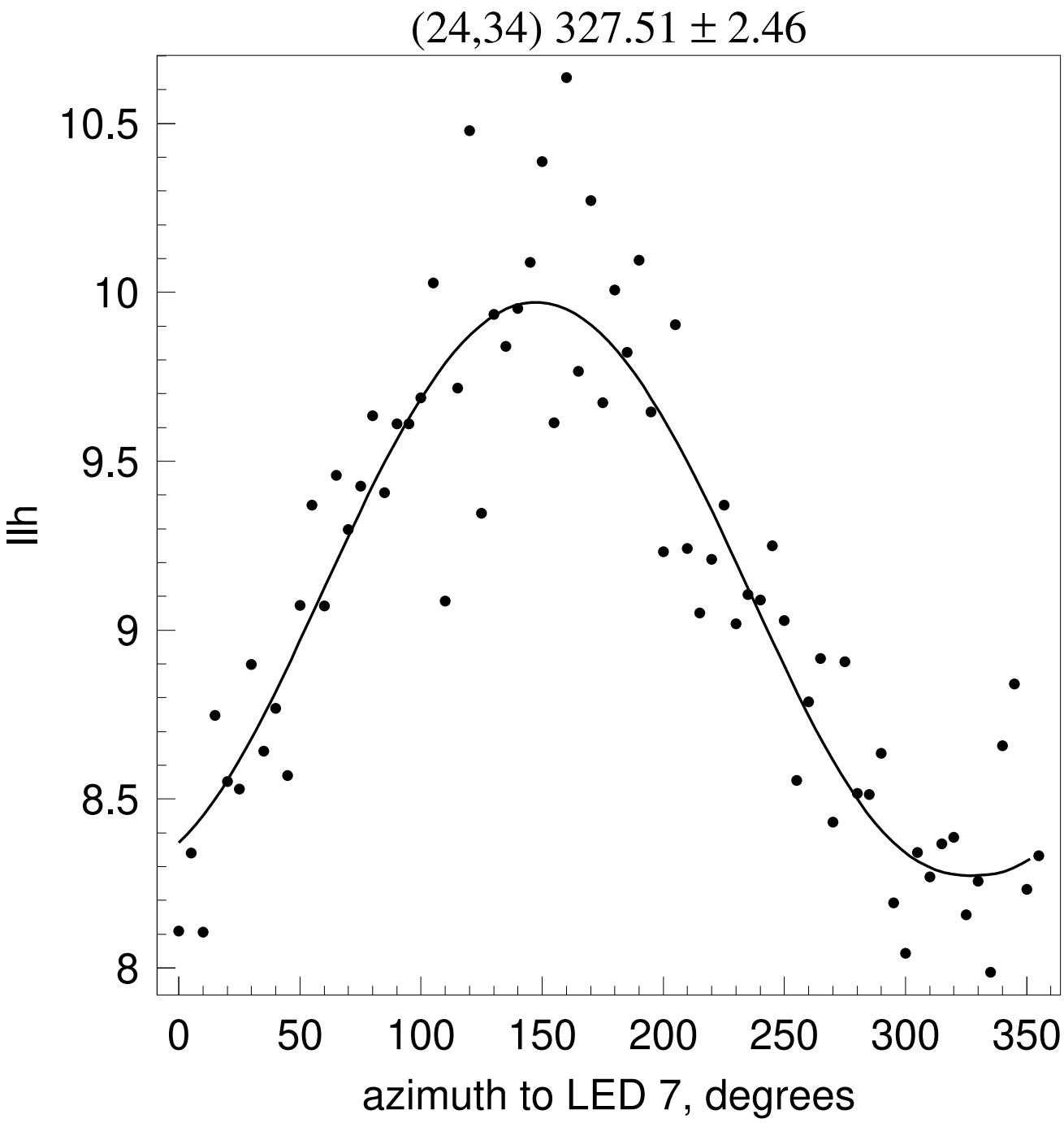

(24,29) 42.89 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

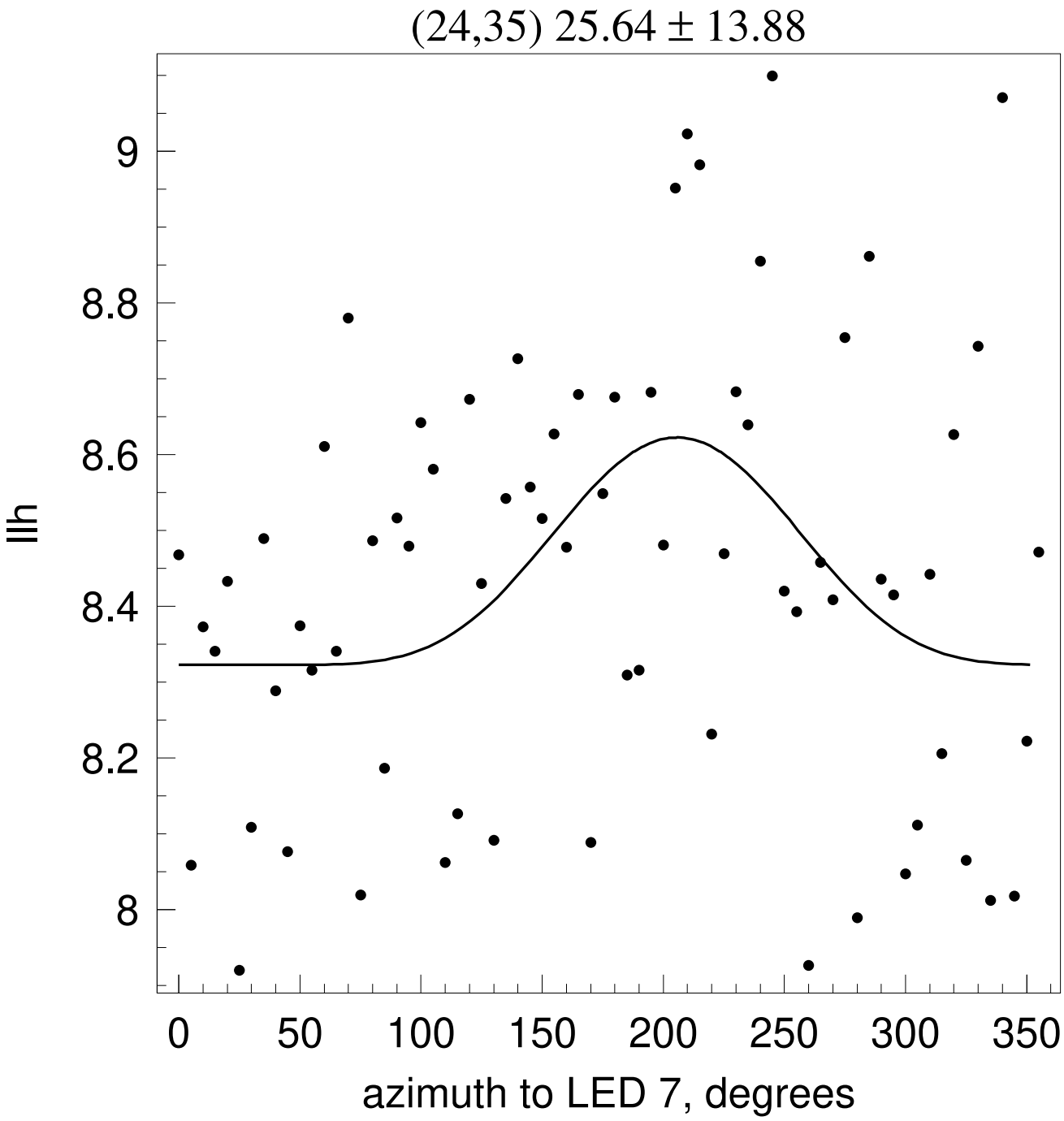

(24,30) 224.49 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

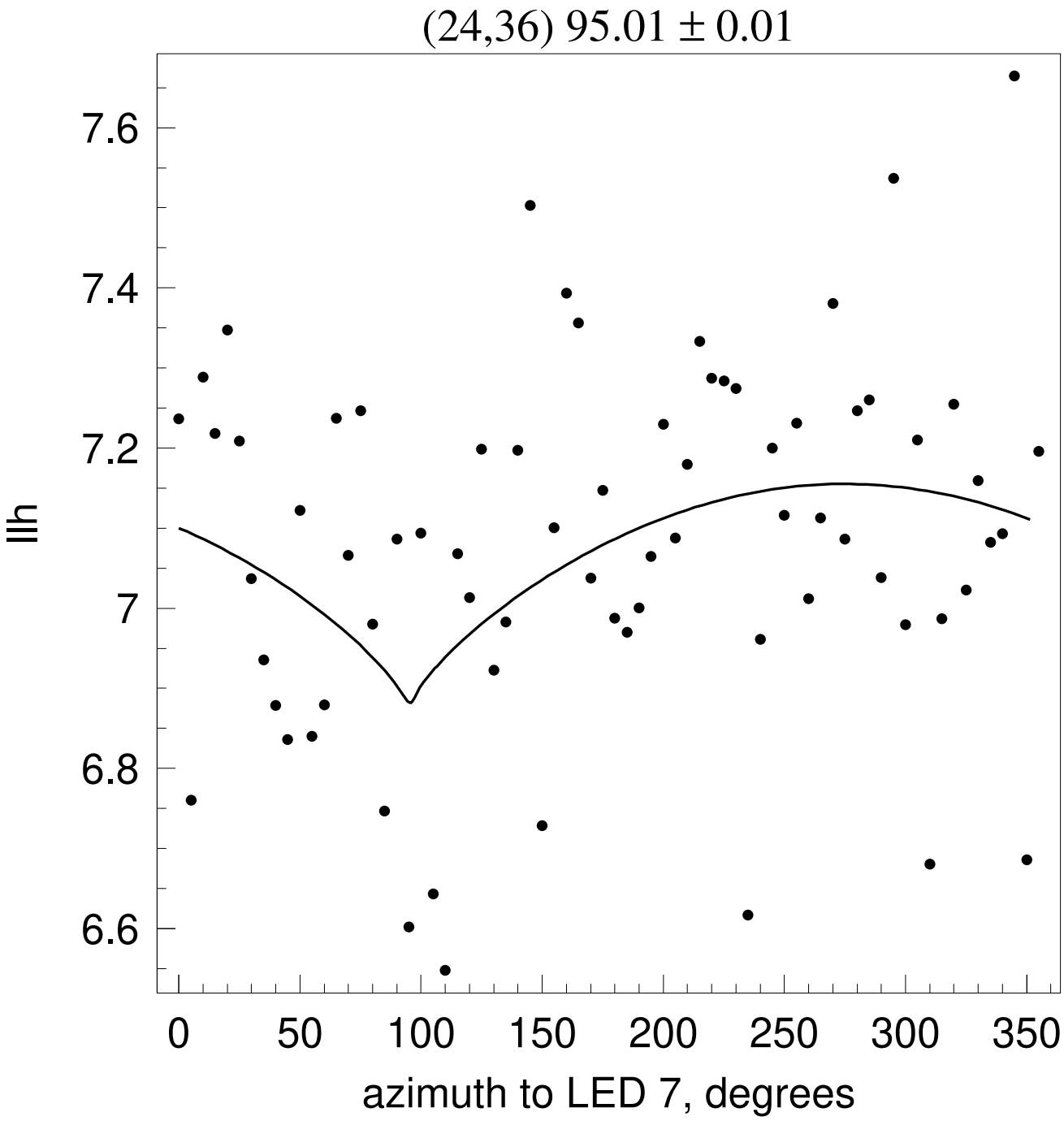

(24,31) 263.34 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

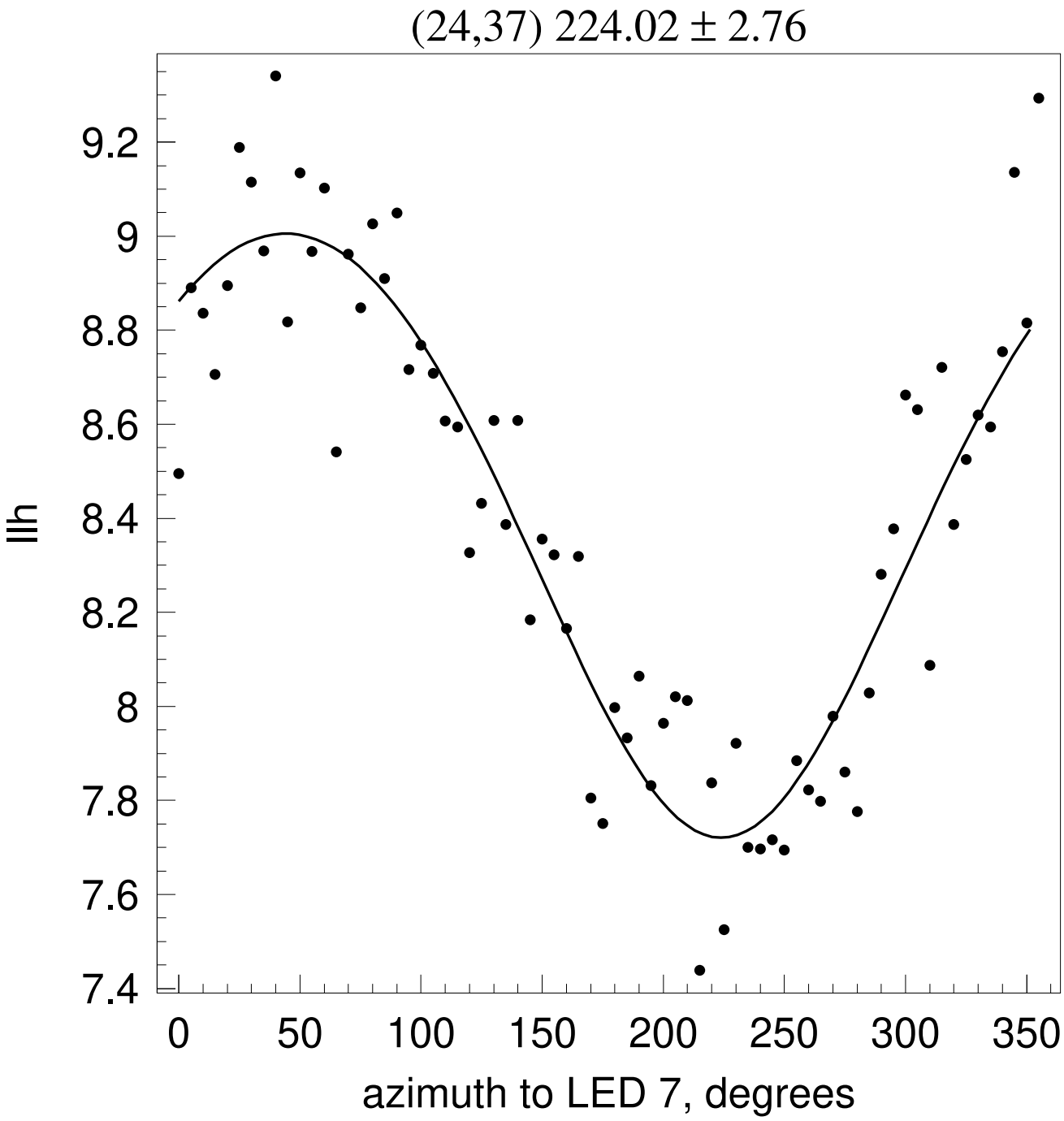

(24,32) 132.29 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

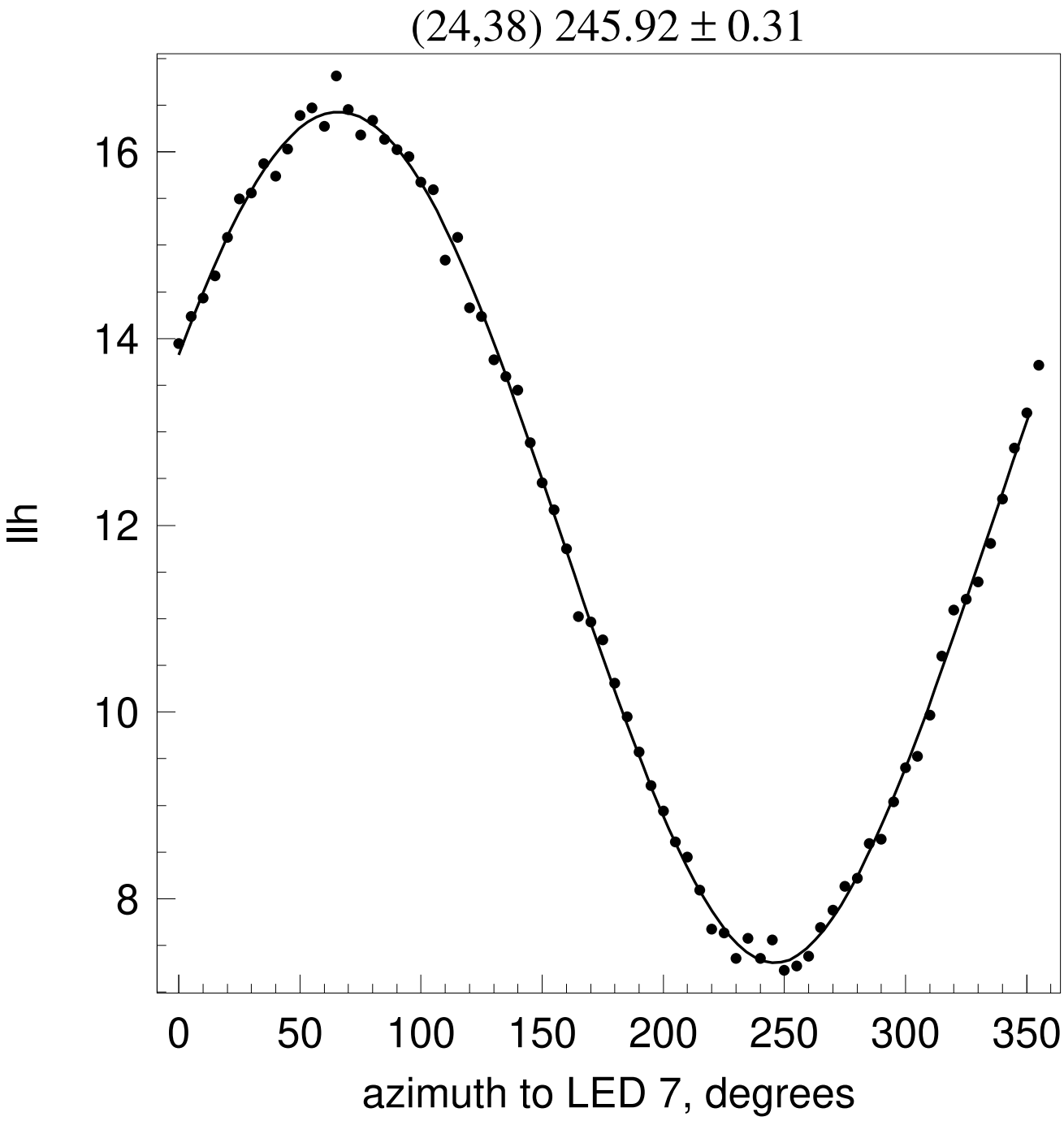

(24,33) 291.27 ± 1.29
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

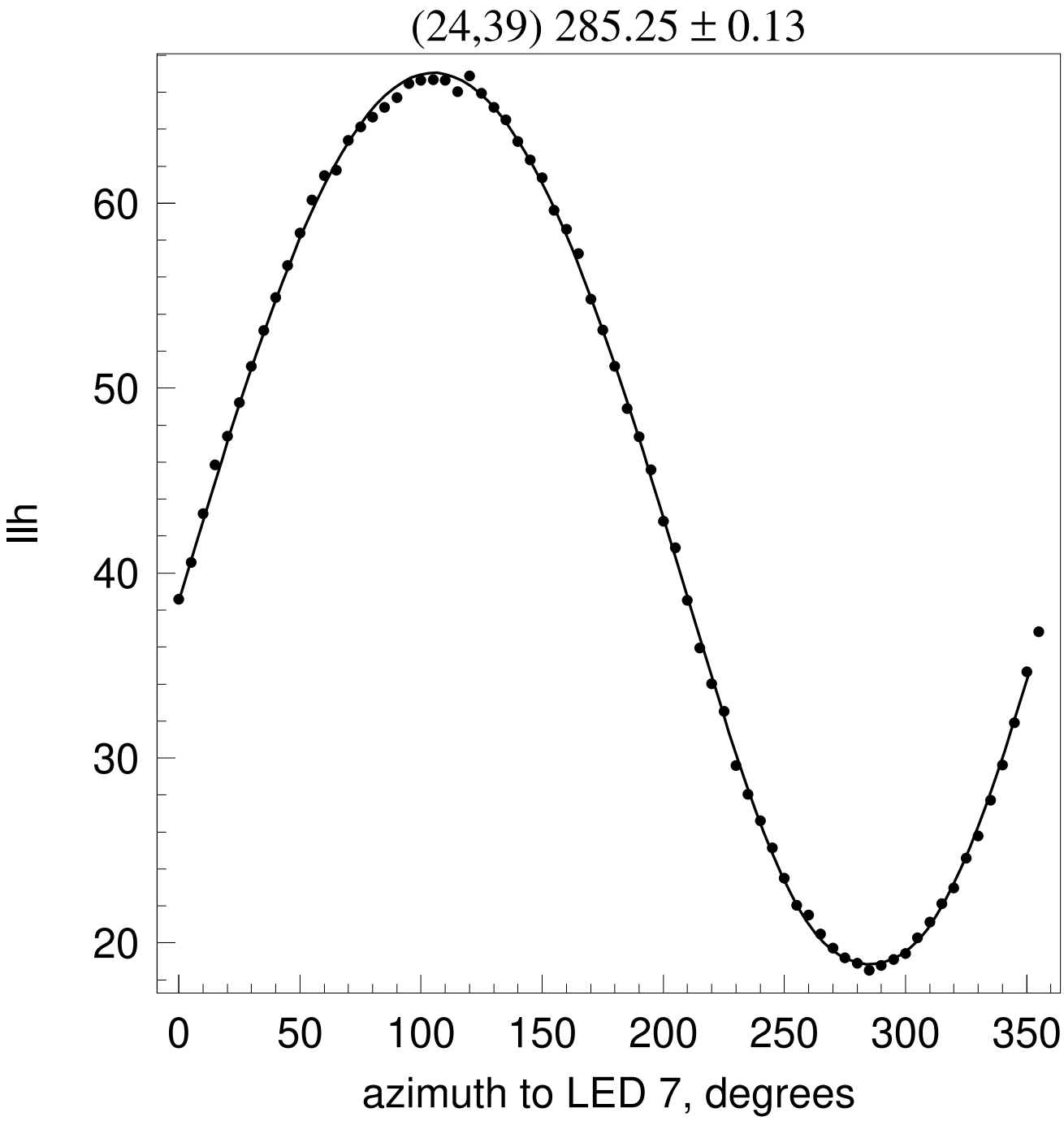

(24,34) 327.51 ± 2.46
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

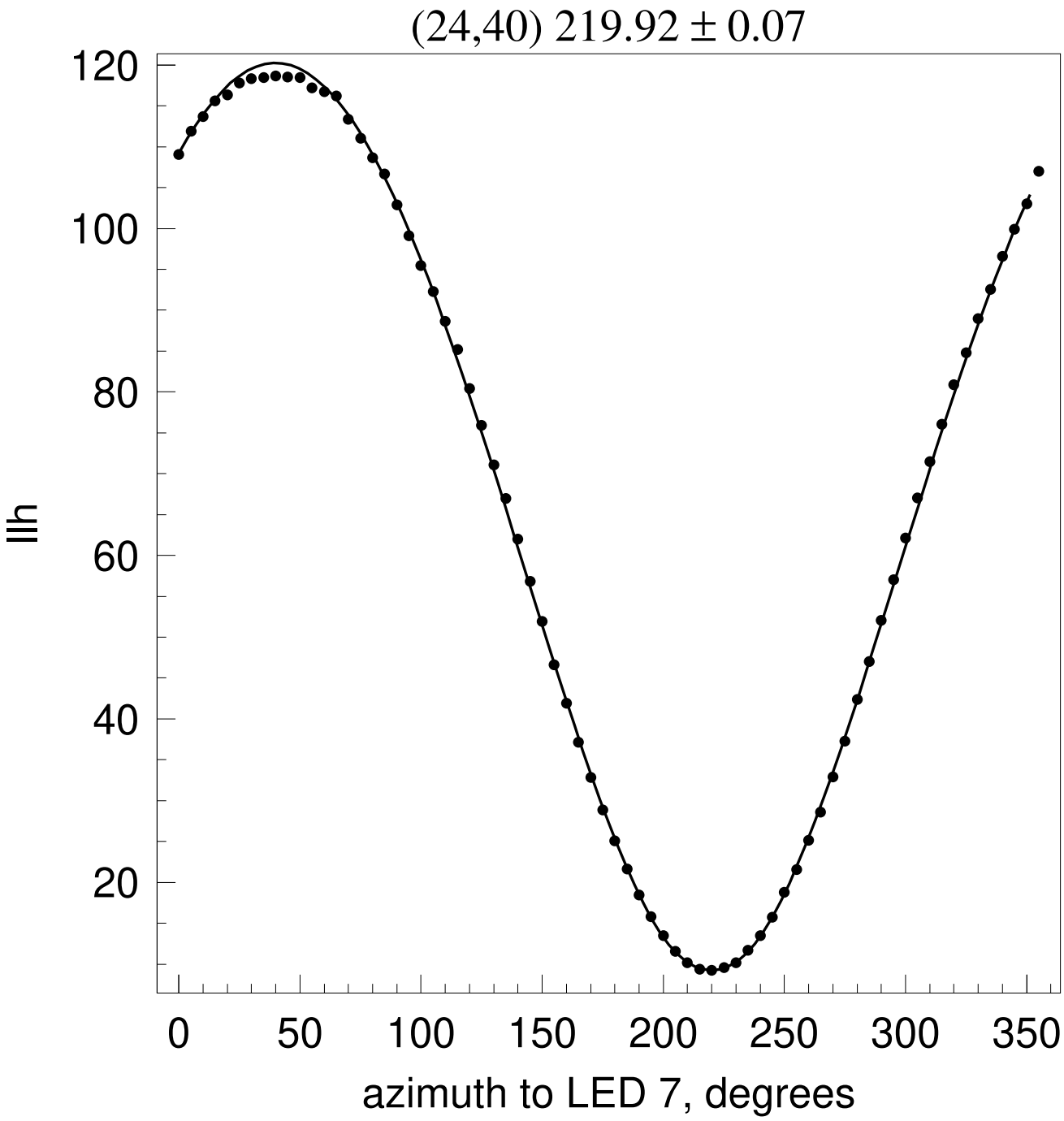

(24,35) 25.64 ± 13.88
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

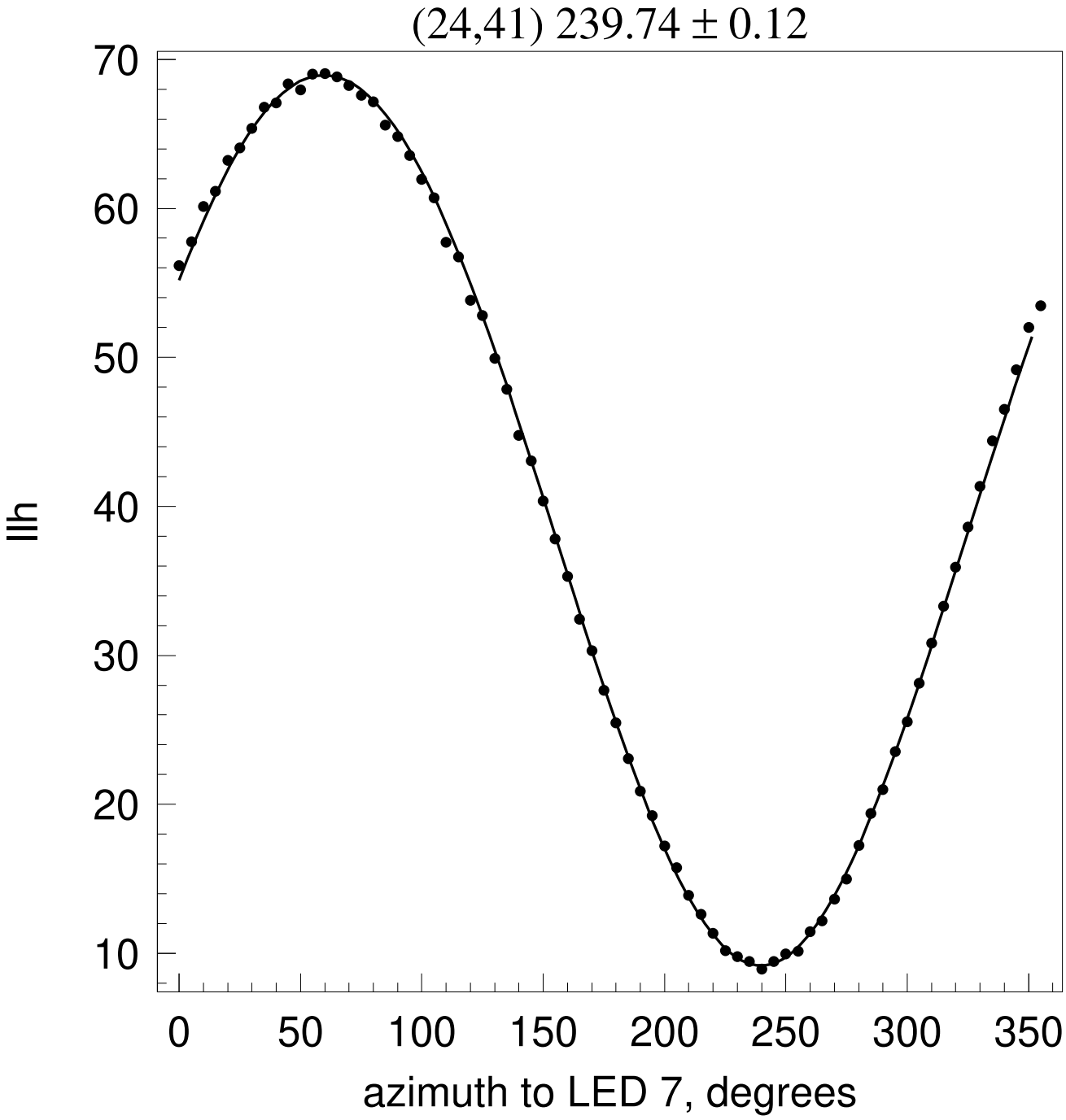

(24,36) 95.01 ± 0.01
7.6
7.4
7.2
7
6.8
6.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

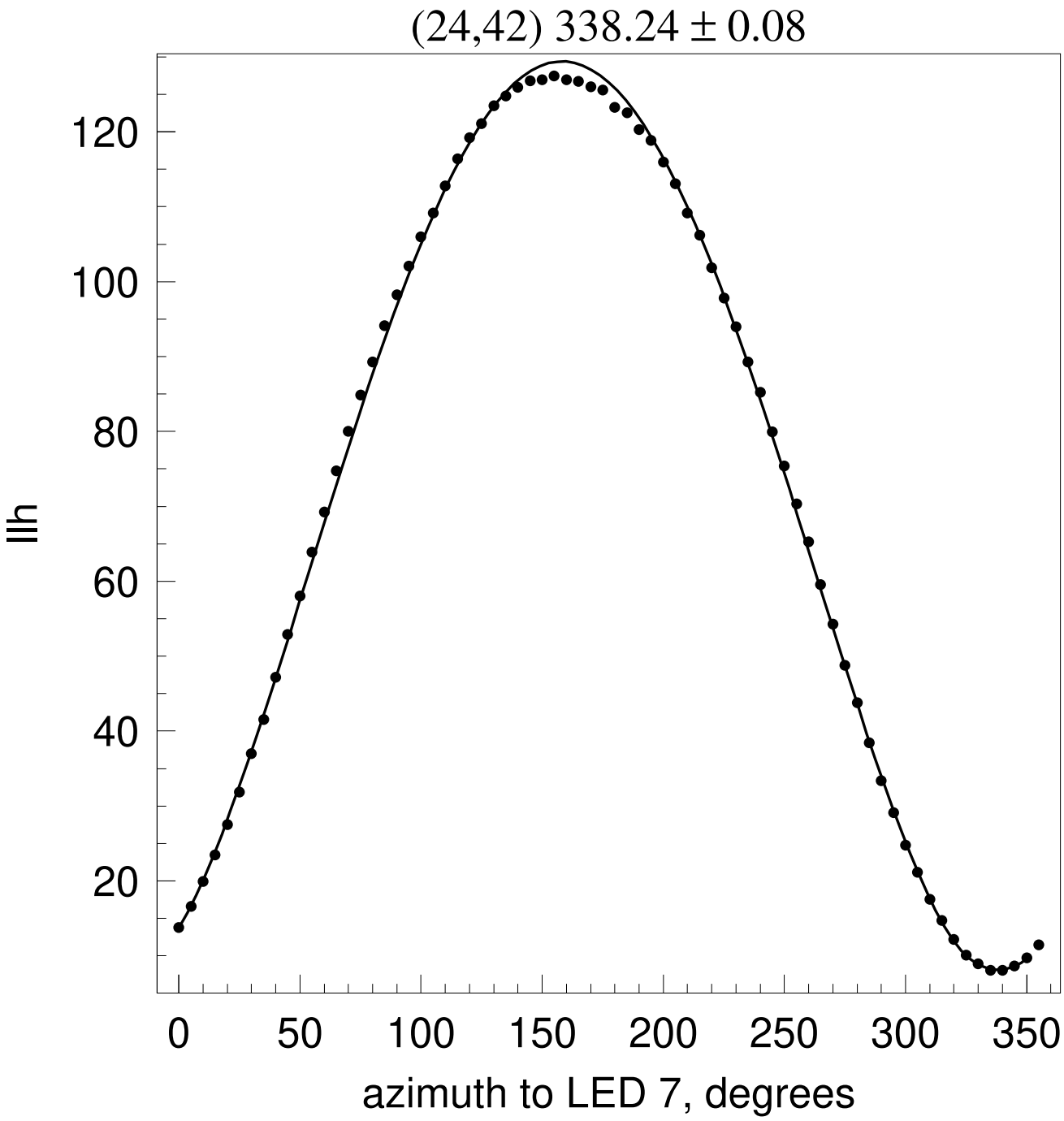

(24,37) 224.02 ± 2.76
9.2
9
8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

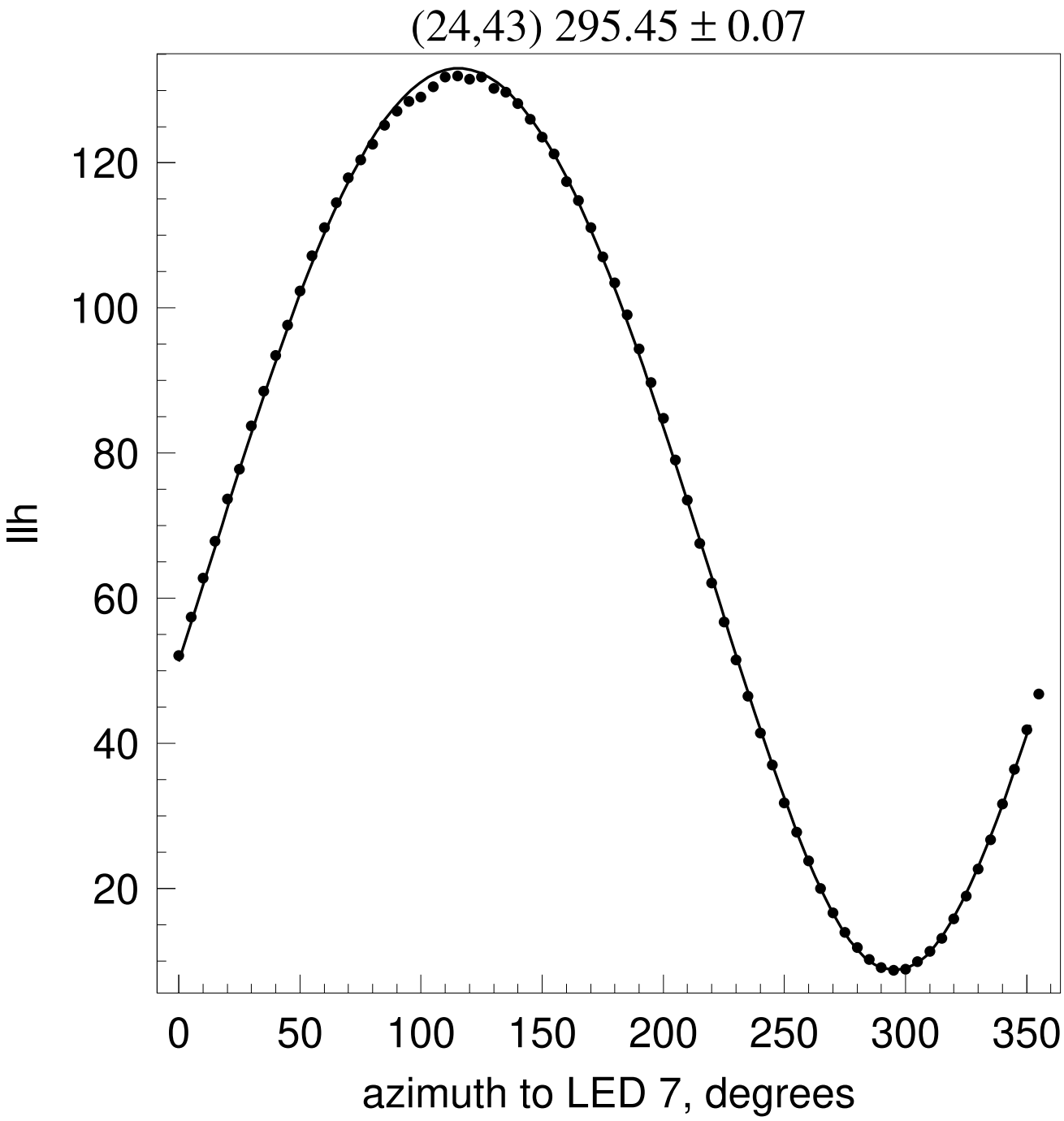

(24,38) 245.92 ± 0.31
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

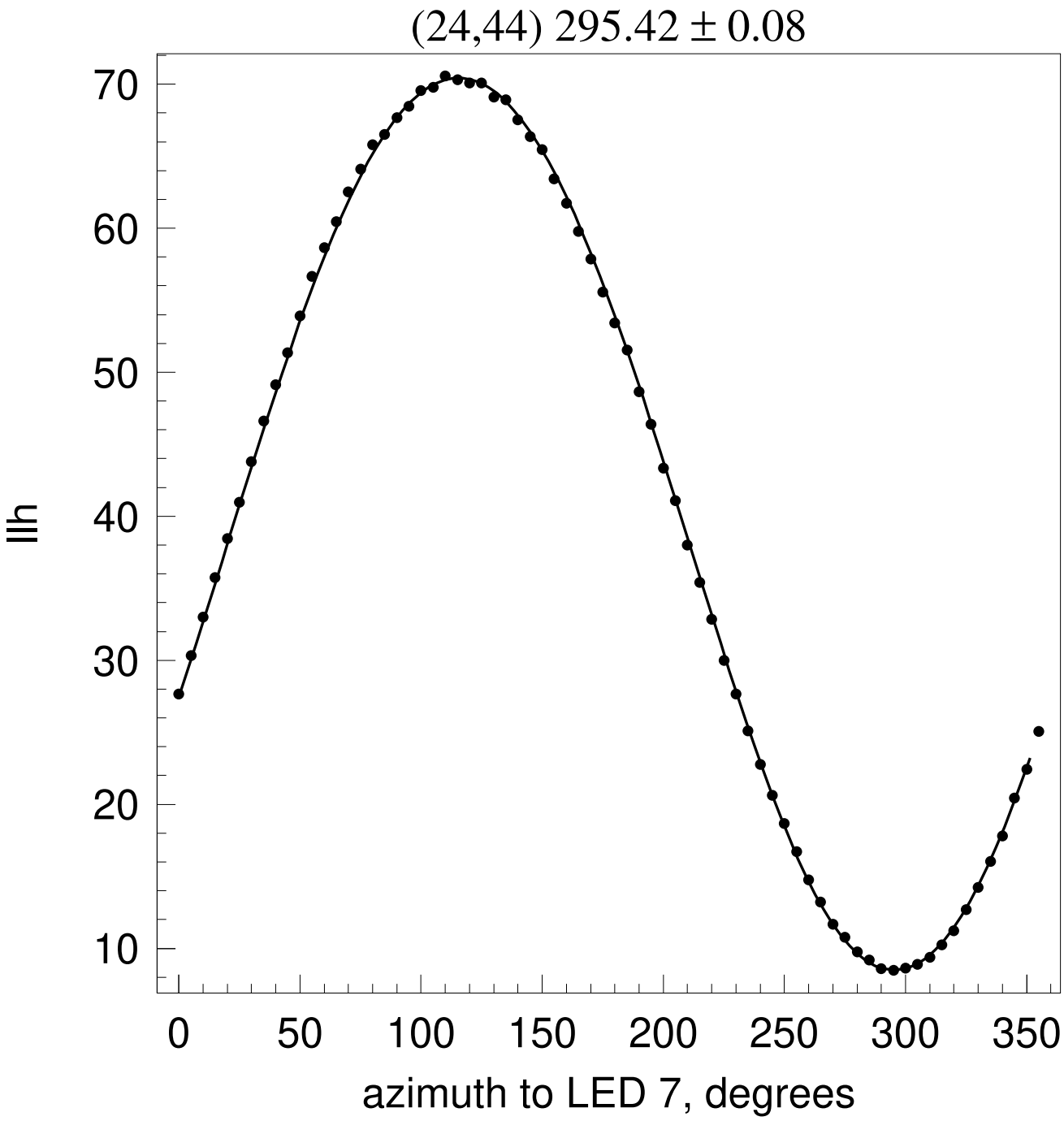

(24,39) 285.25 ± 0.13
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

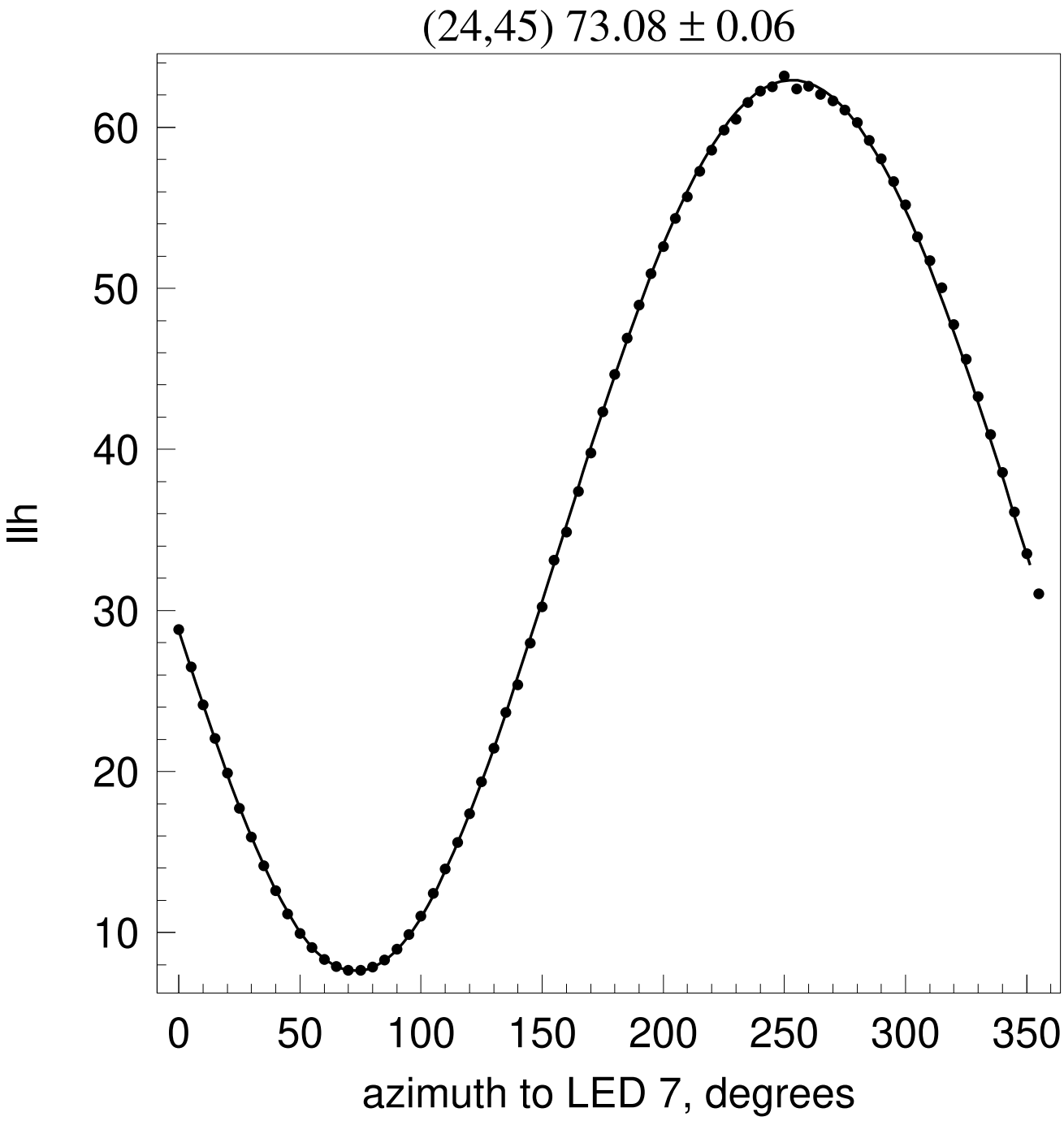

(24,40) 219.92 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

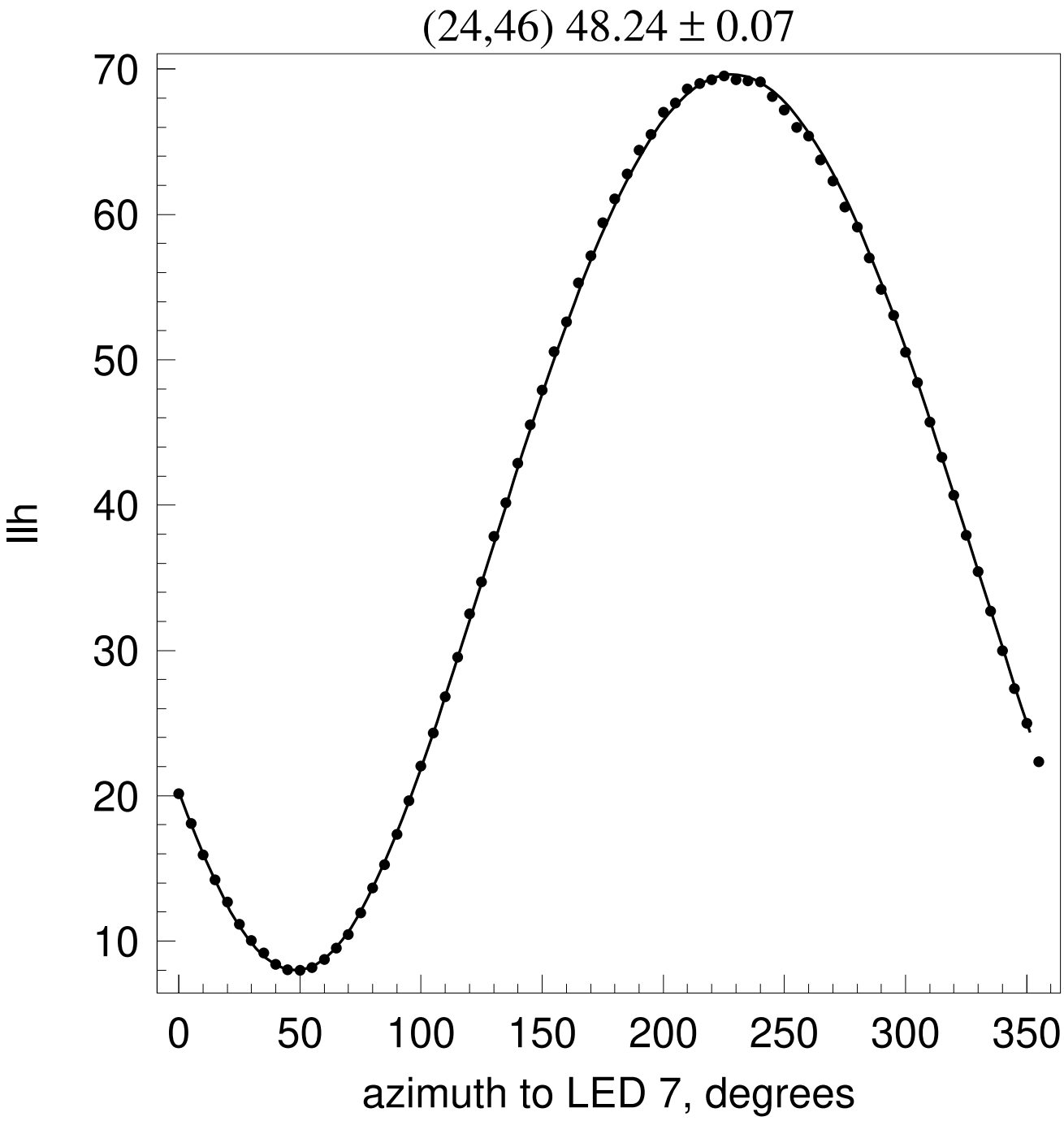

(24,41) 239.74 ± 0.12
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

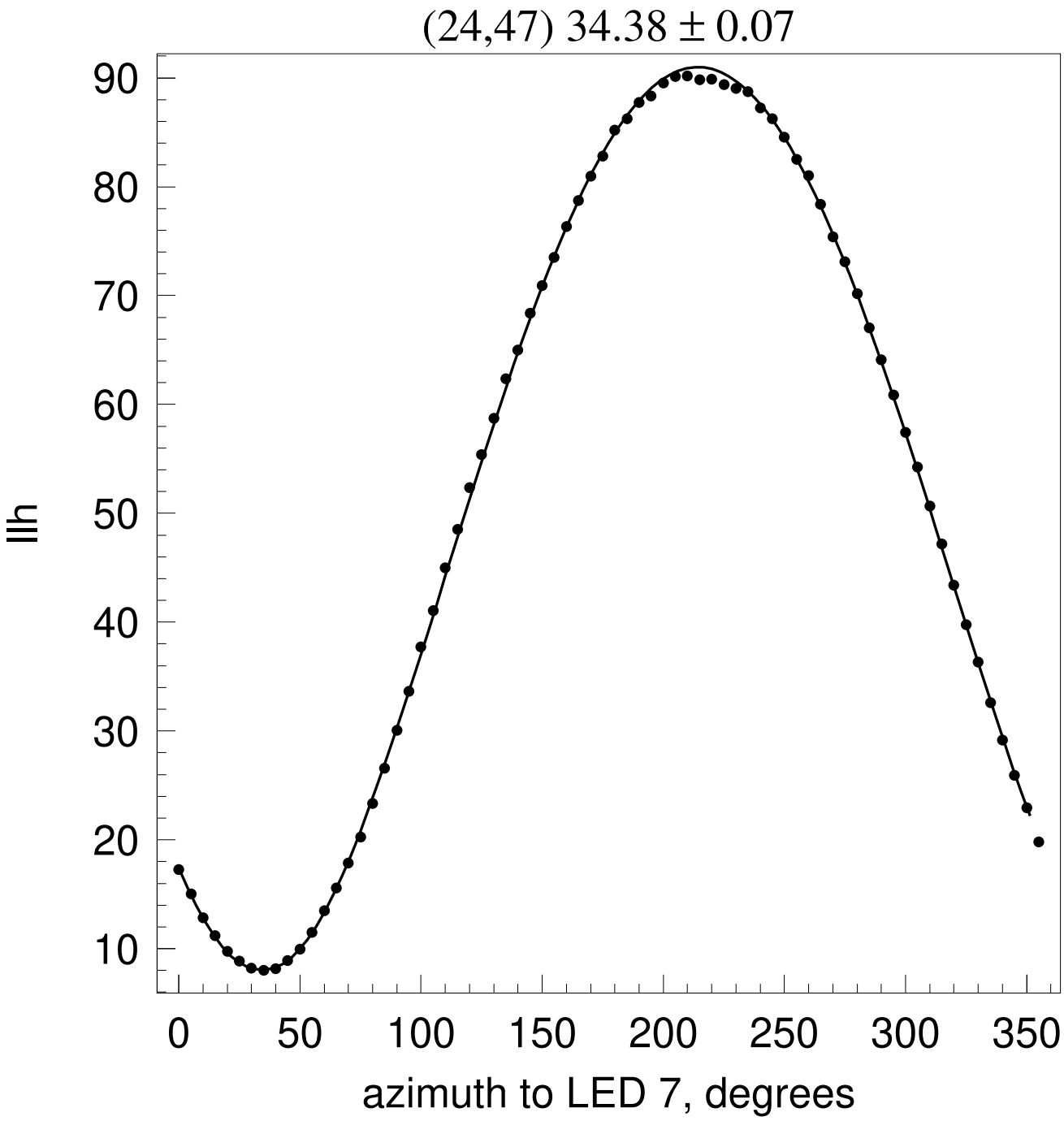

(24,42) 338.24 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

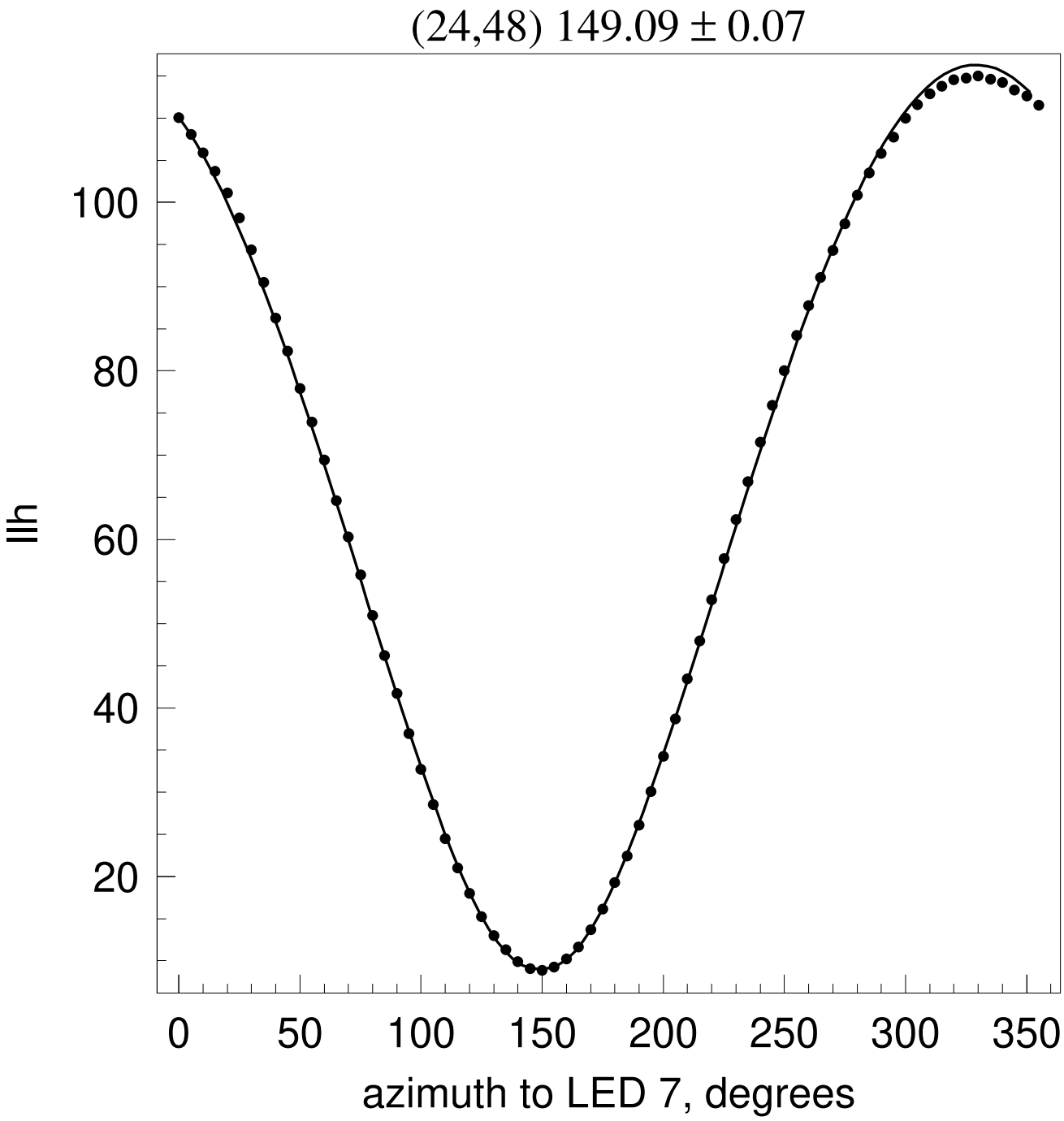

(24,43) 295.45 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

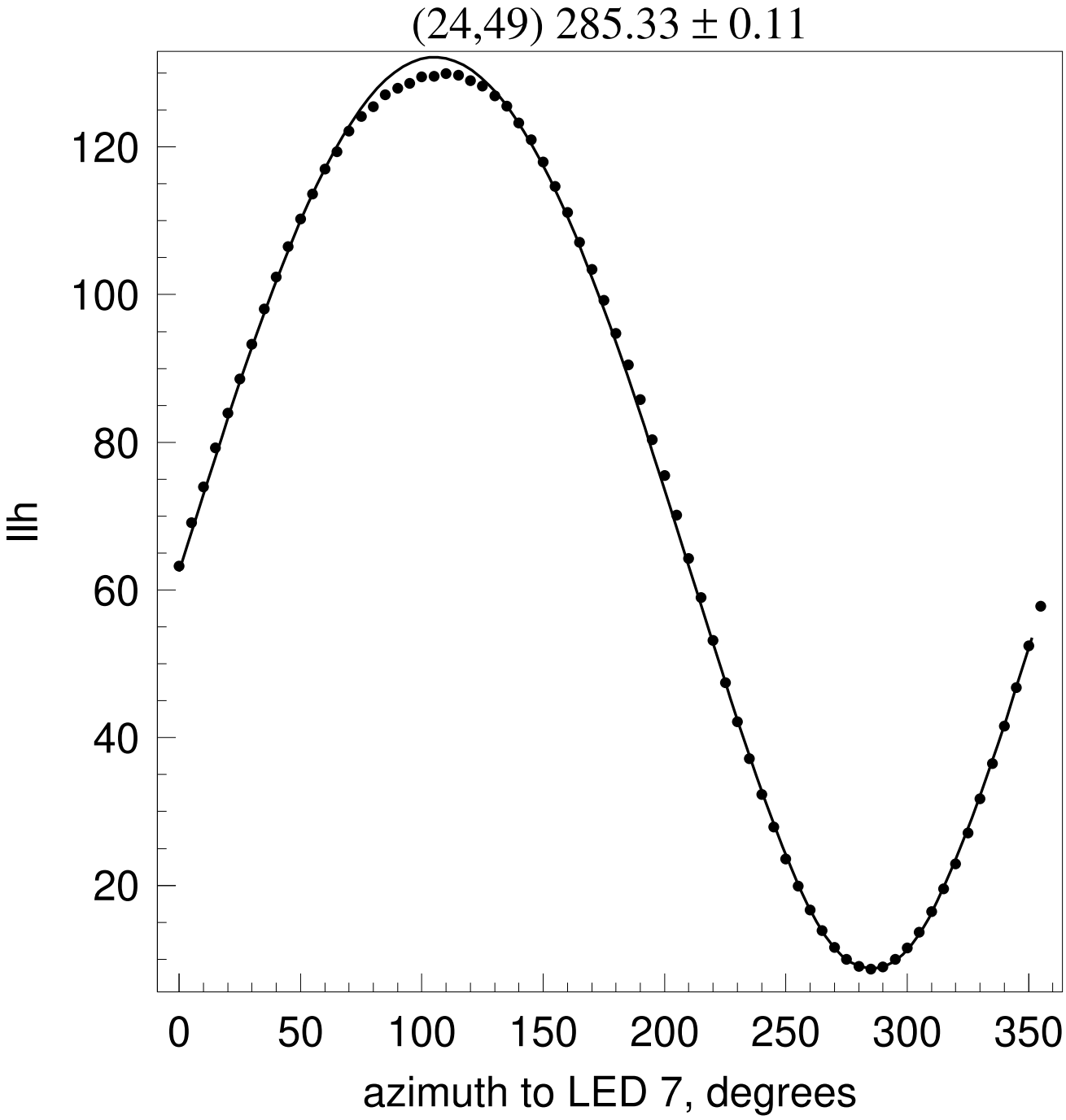

(24,44) 295.42 ± 0.08
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

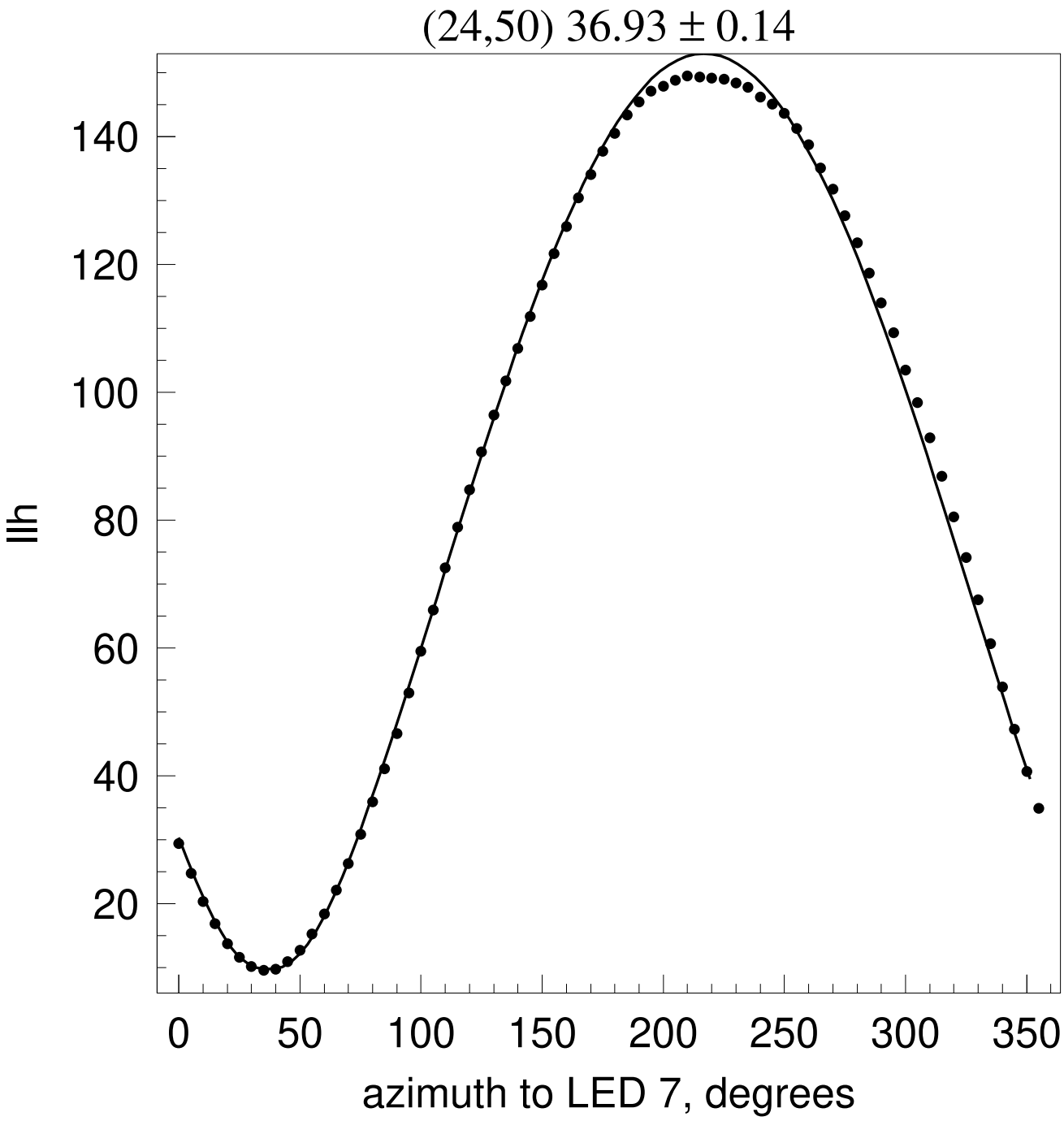

(24,45) 73.08 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

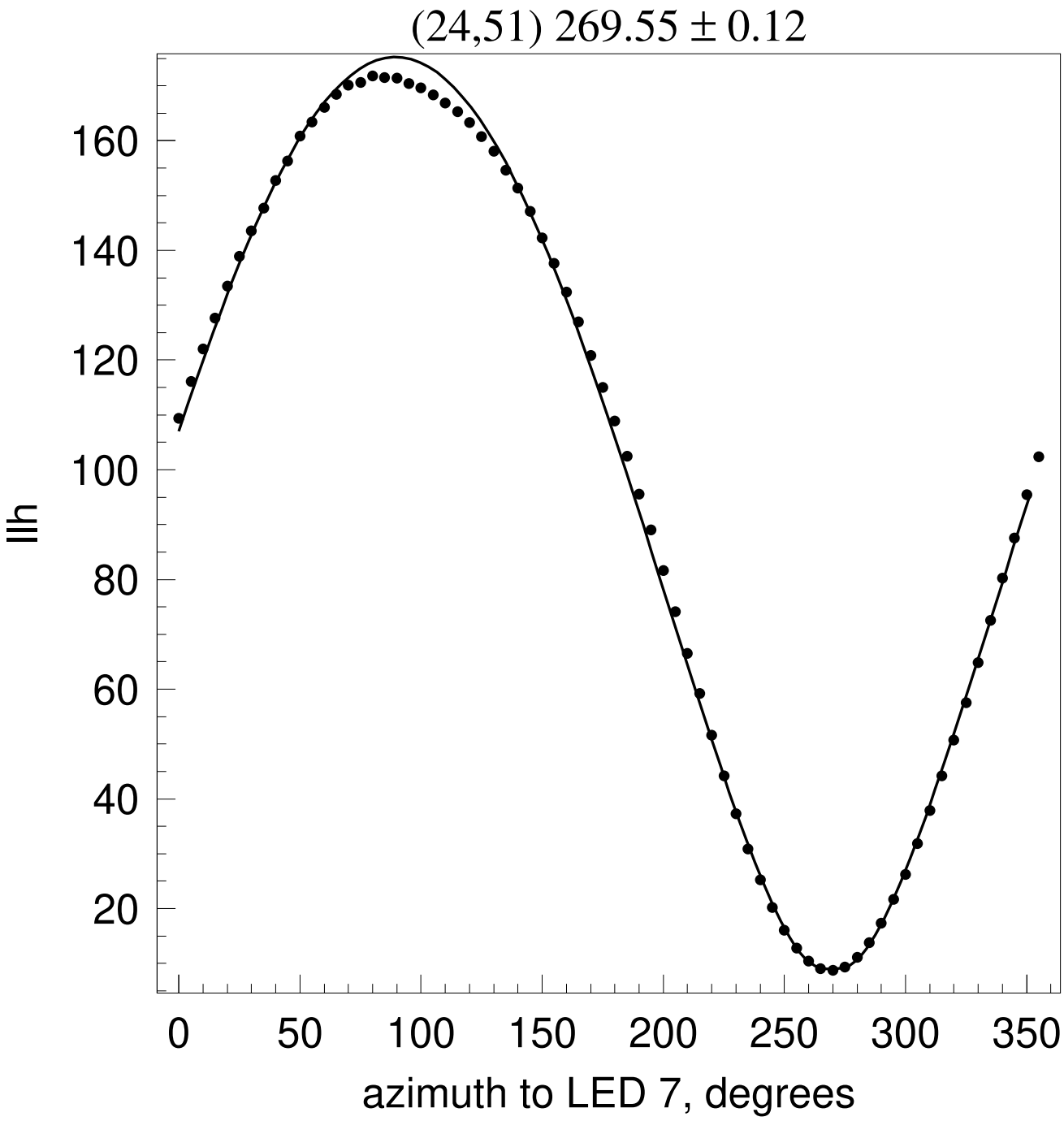

(24,46) 48.24 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

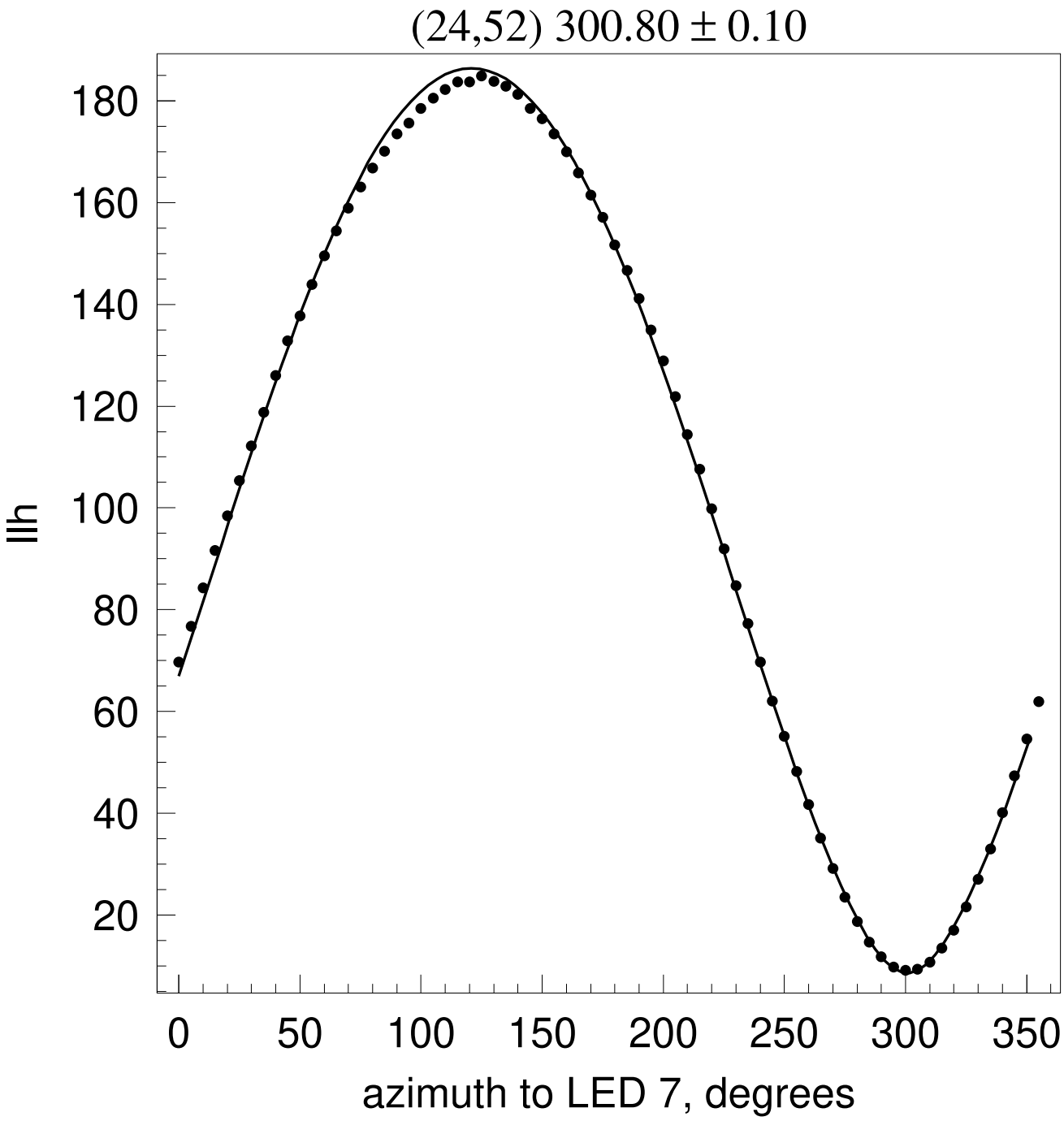

(24,47) 34.38 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

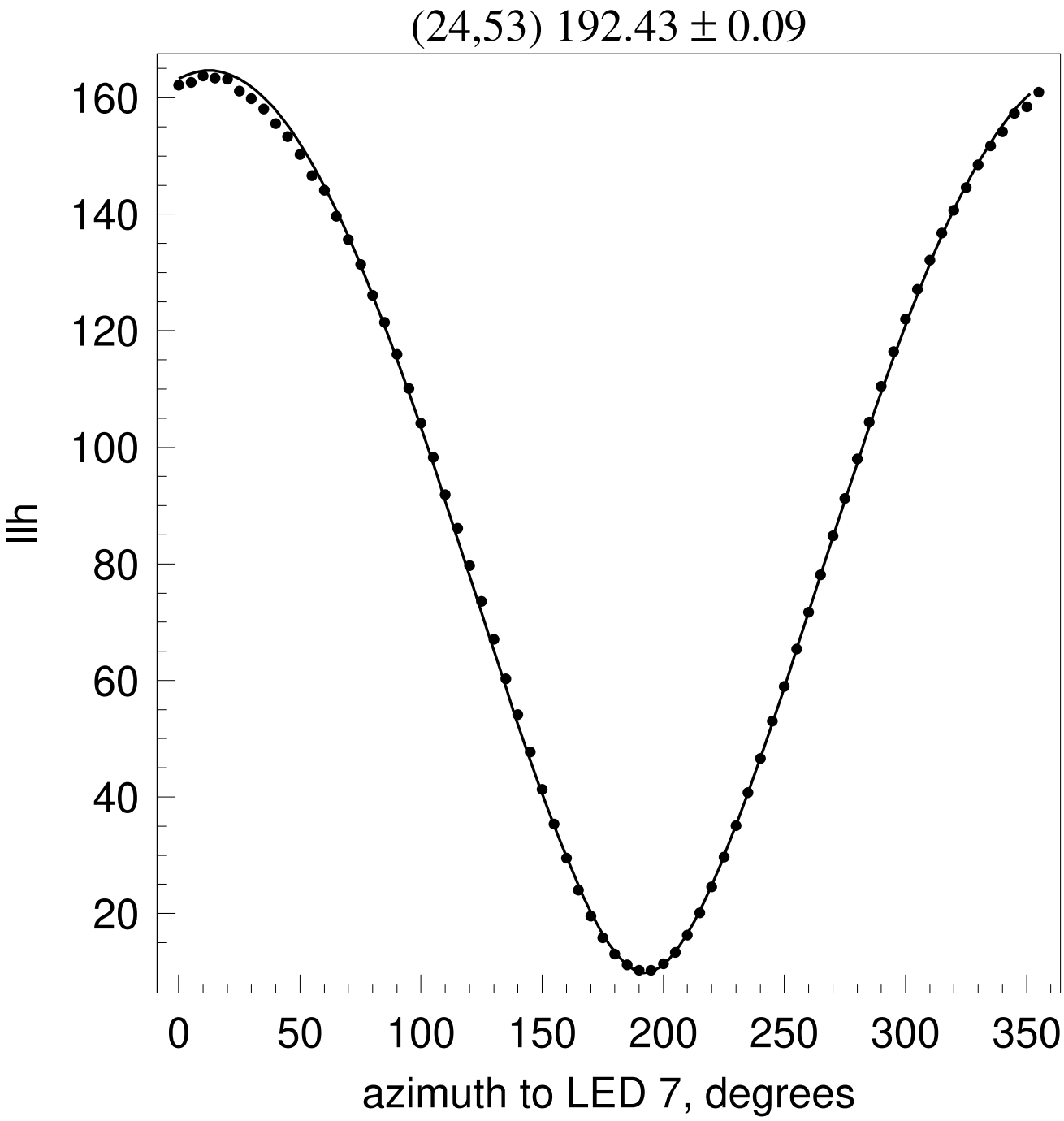

(24,48) 149.09 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

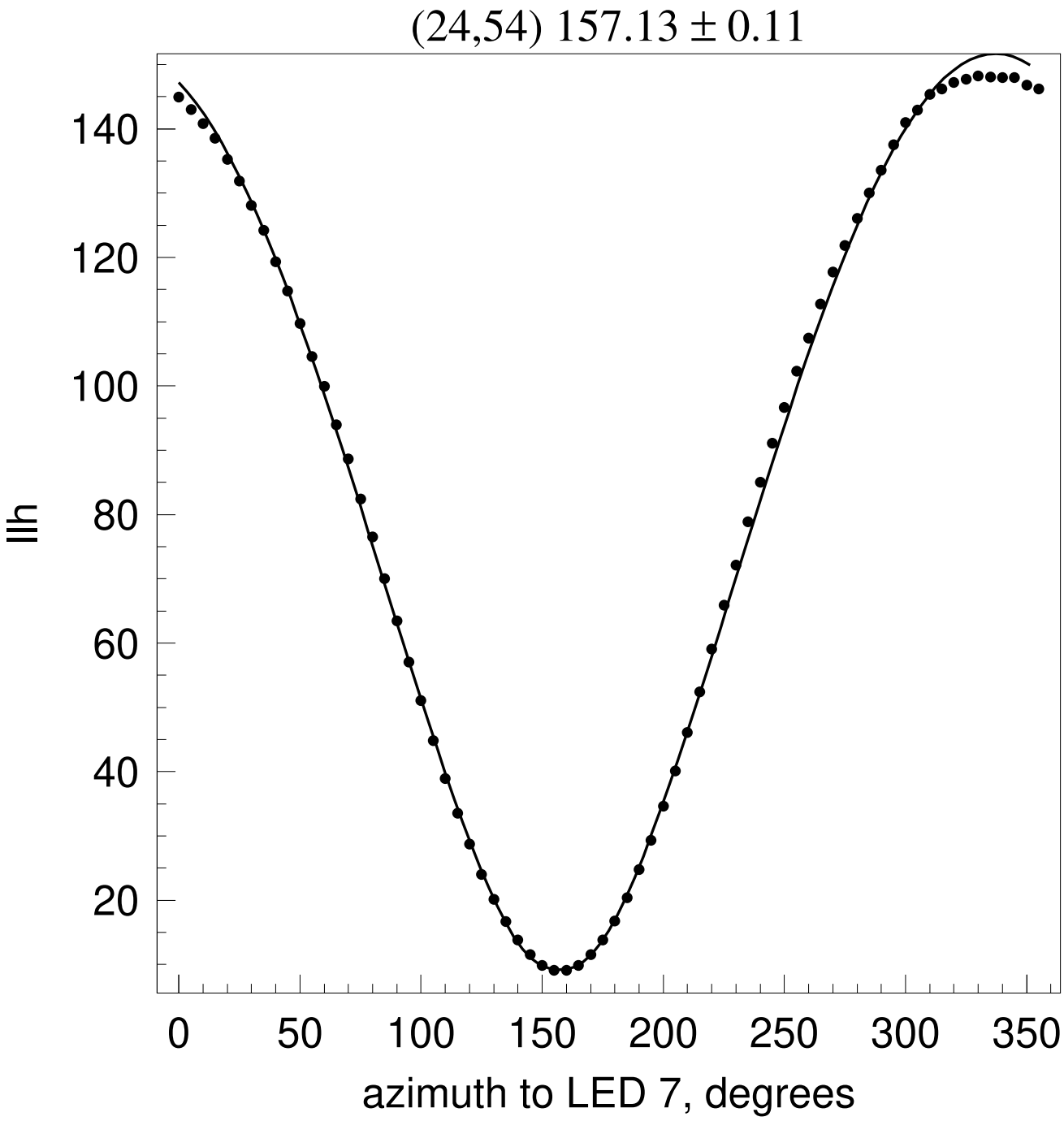

(24,49) 285.33 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

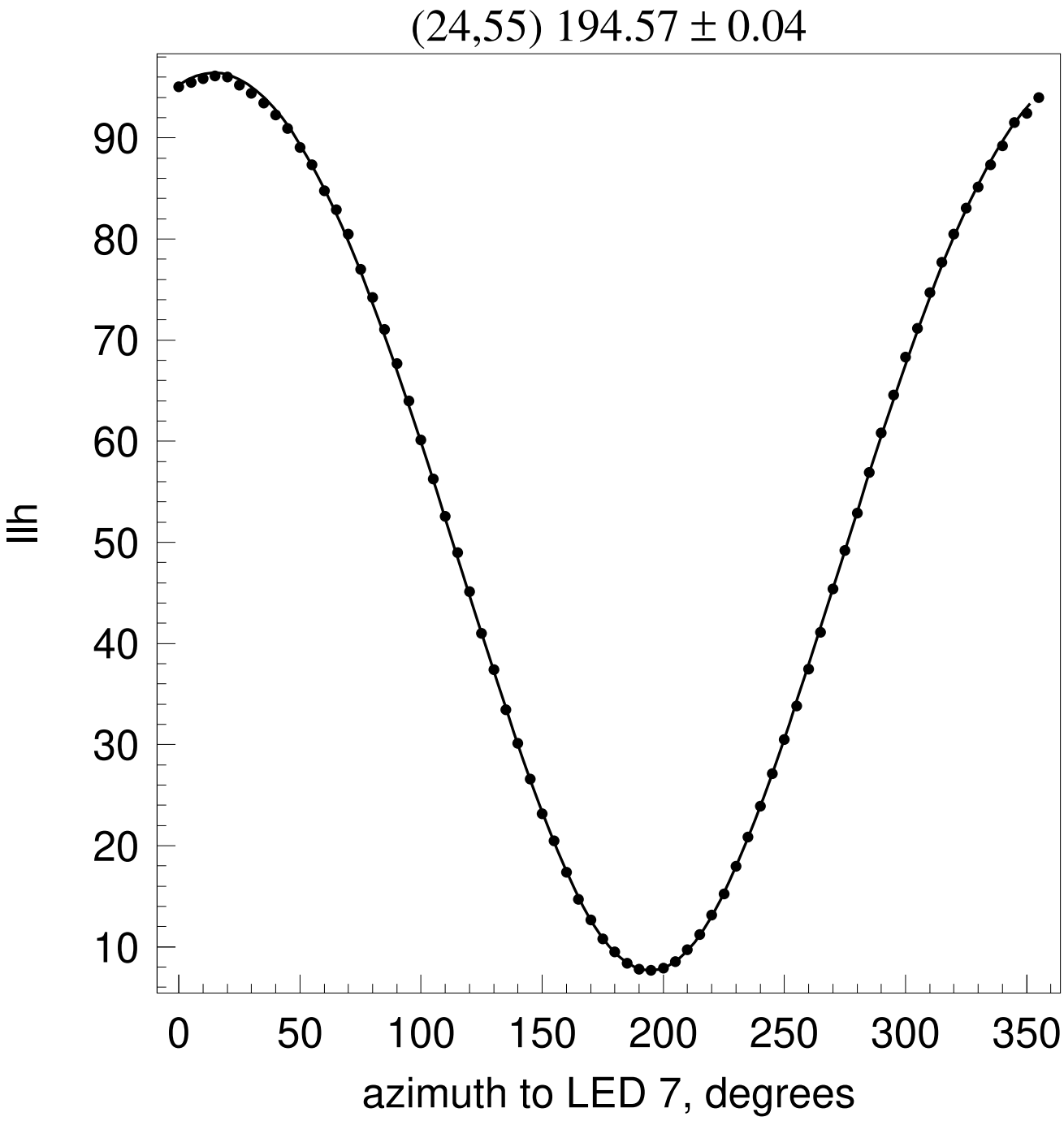

(24,50) 36.93 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

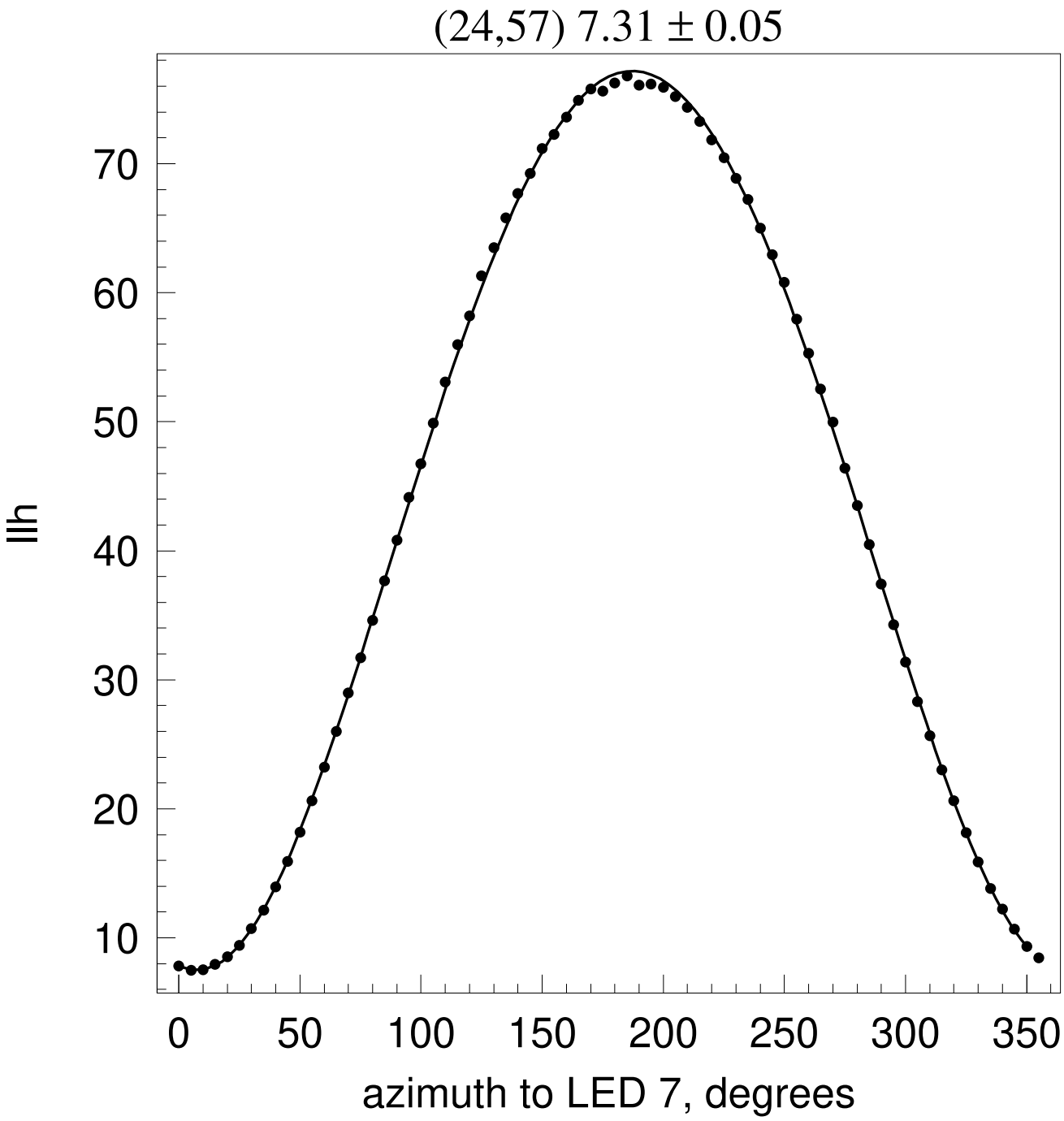

(24,51) 269.55 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

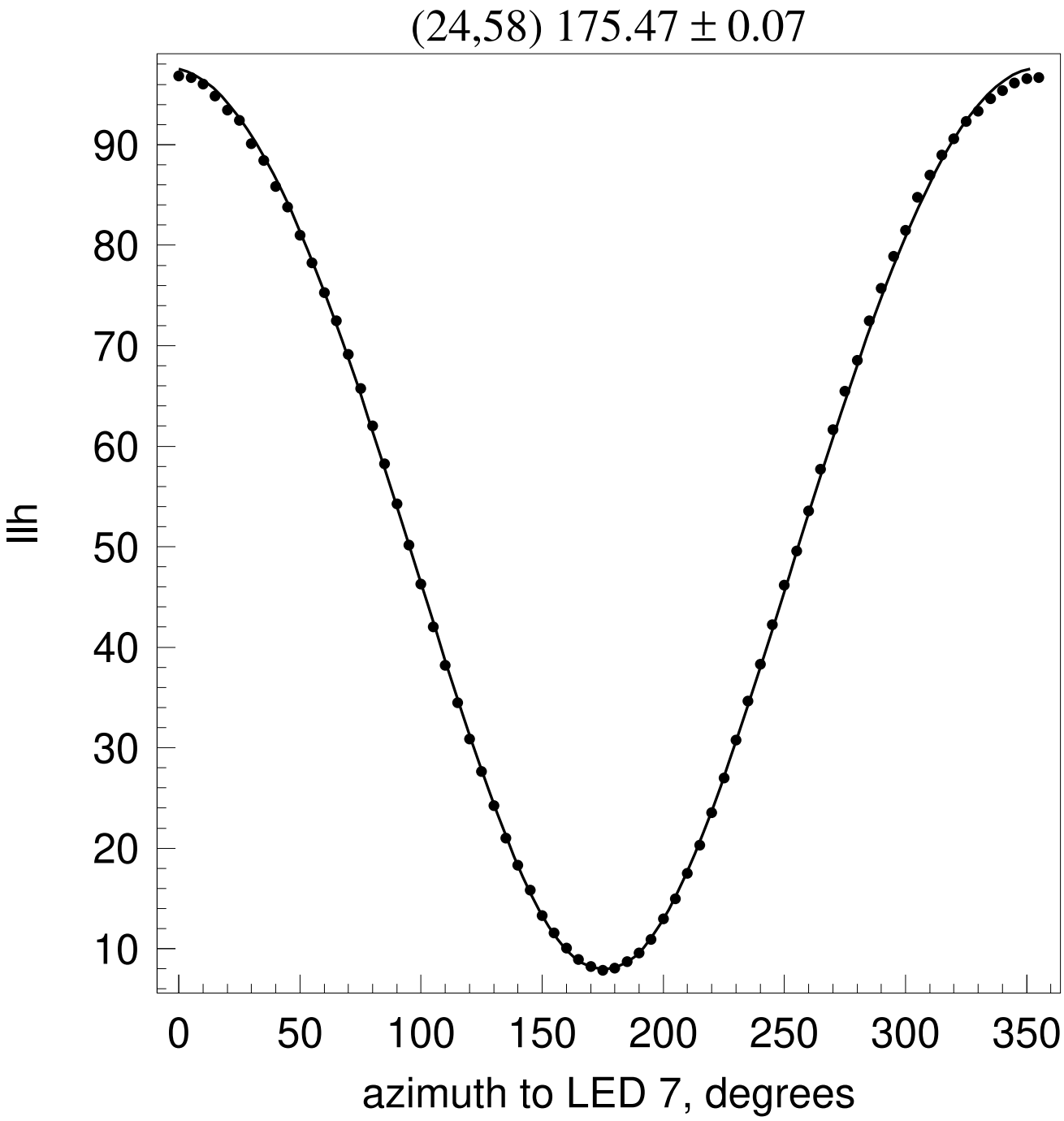

(24,52) 300.80 ± 0.10
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

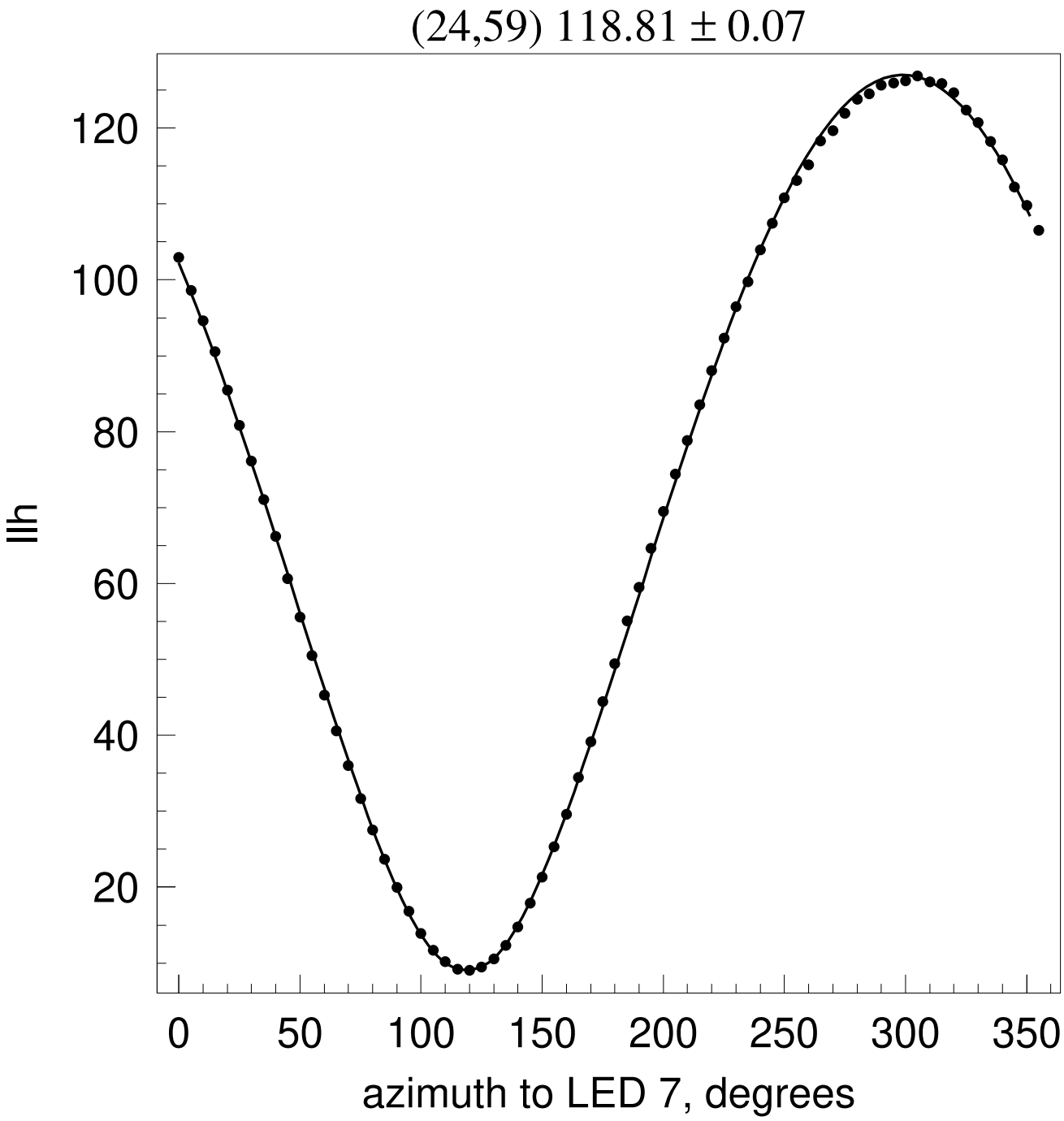

(24,53) 192.43 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

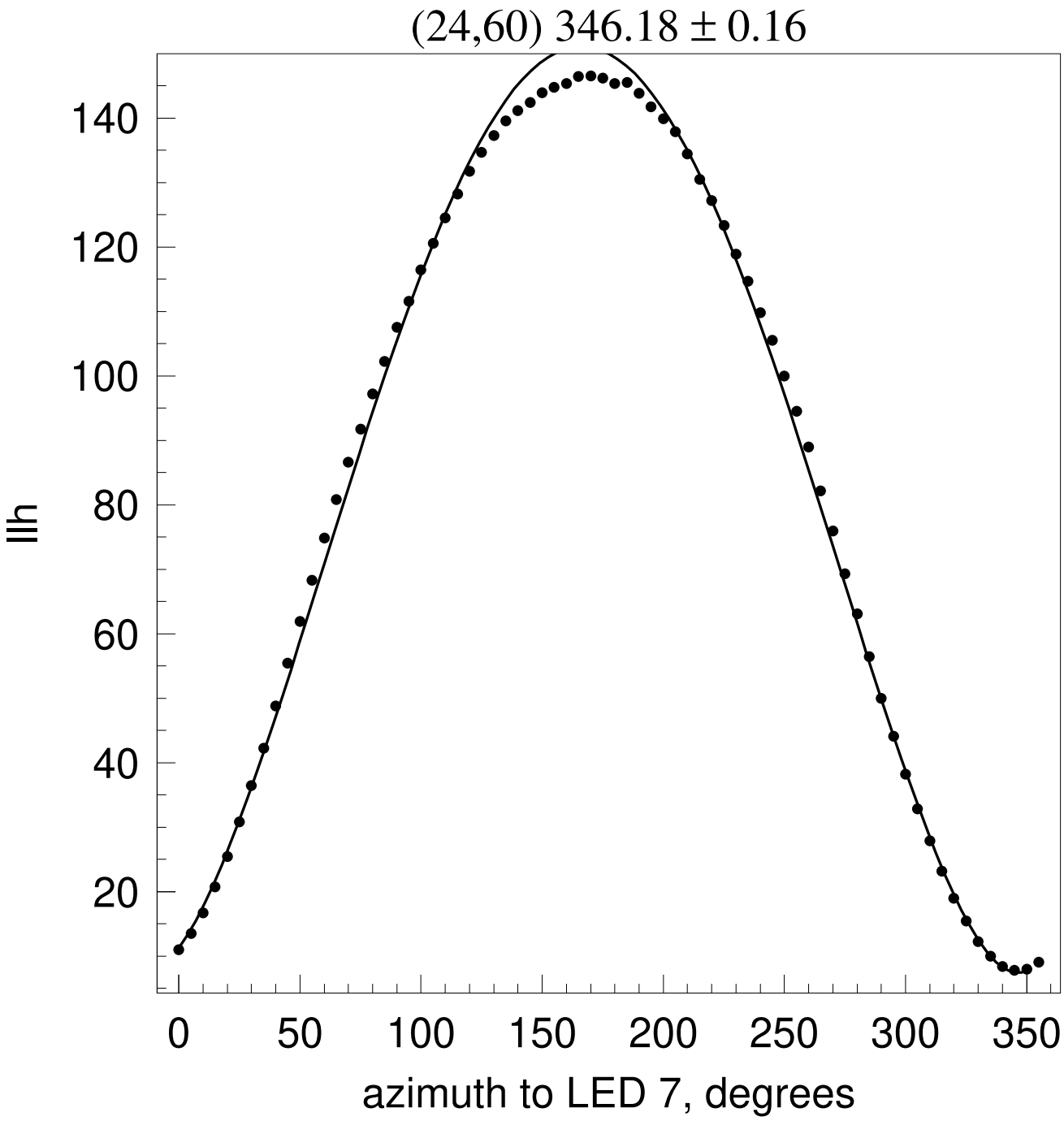

(24,54) 157.13 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

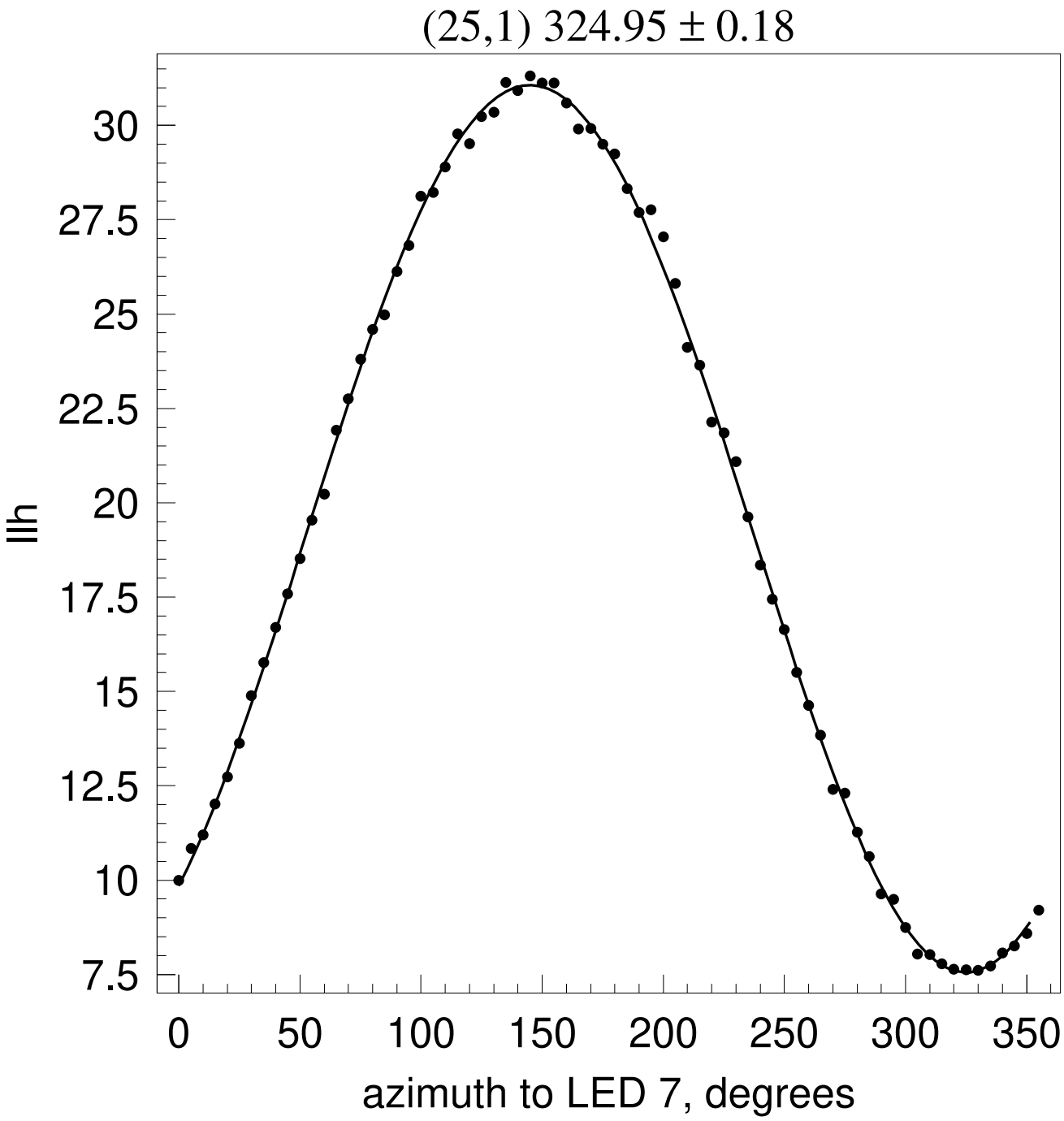

(24,55) 194.57 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

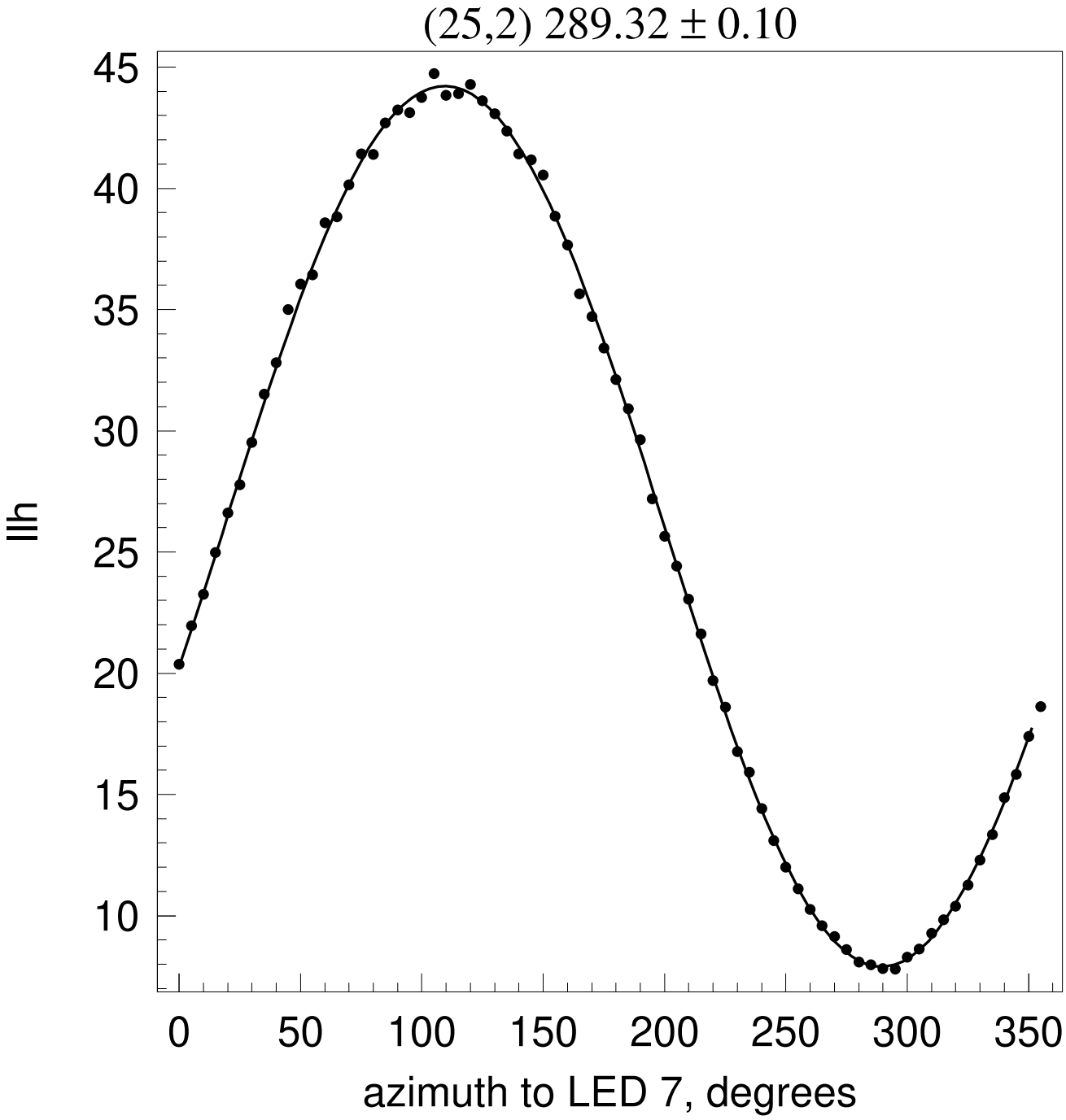

(24,57) 7.31 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

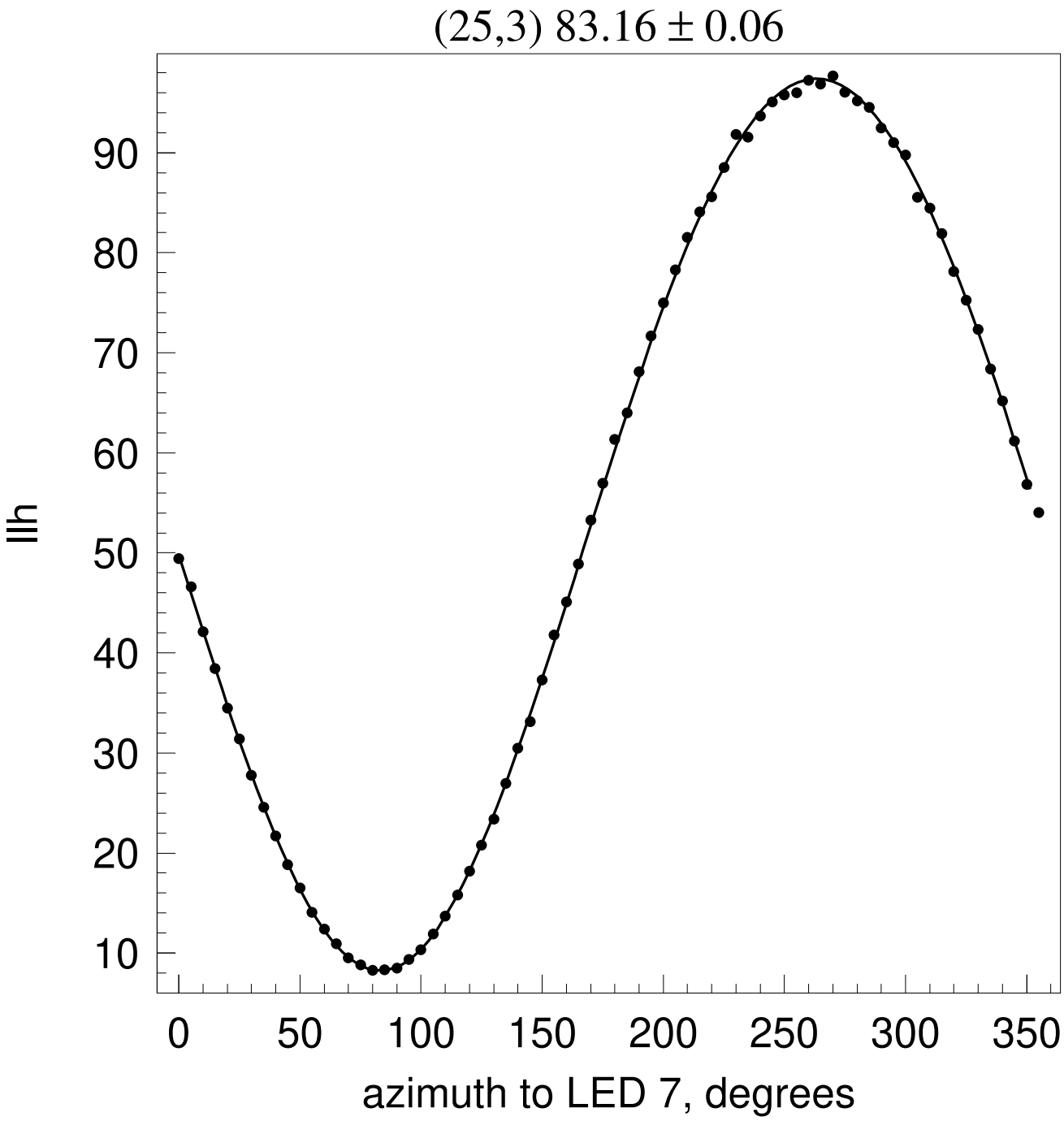

(24,58) 175.47 ± 0.07
90
80
70
60
50
40
30
20
10
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

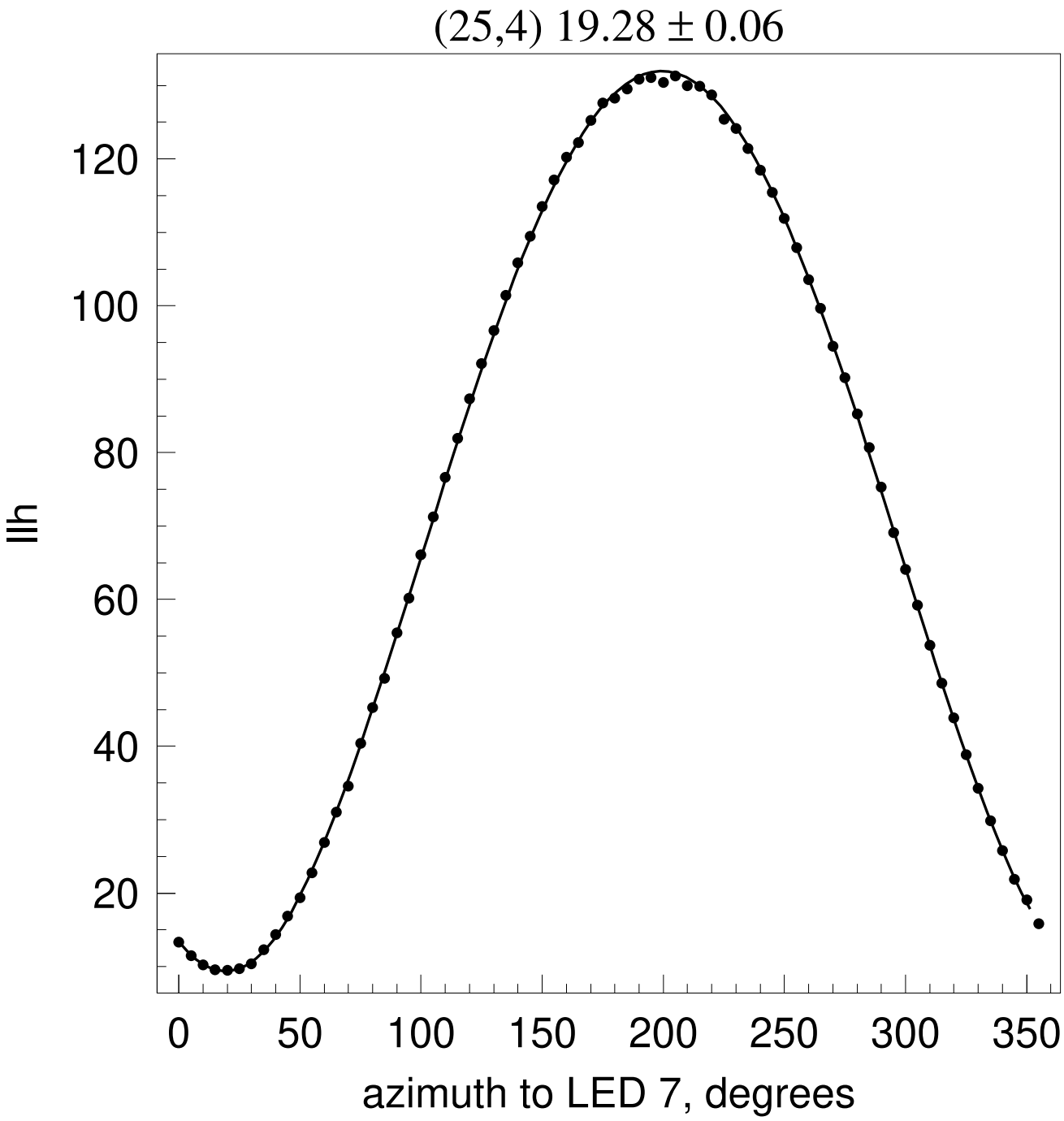

(24,59) 118.81 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

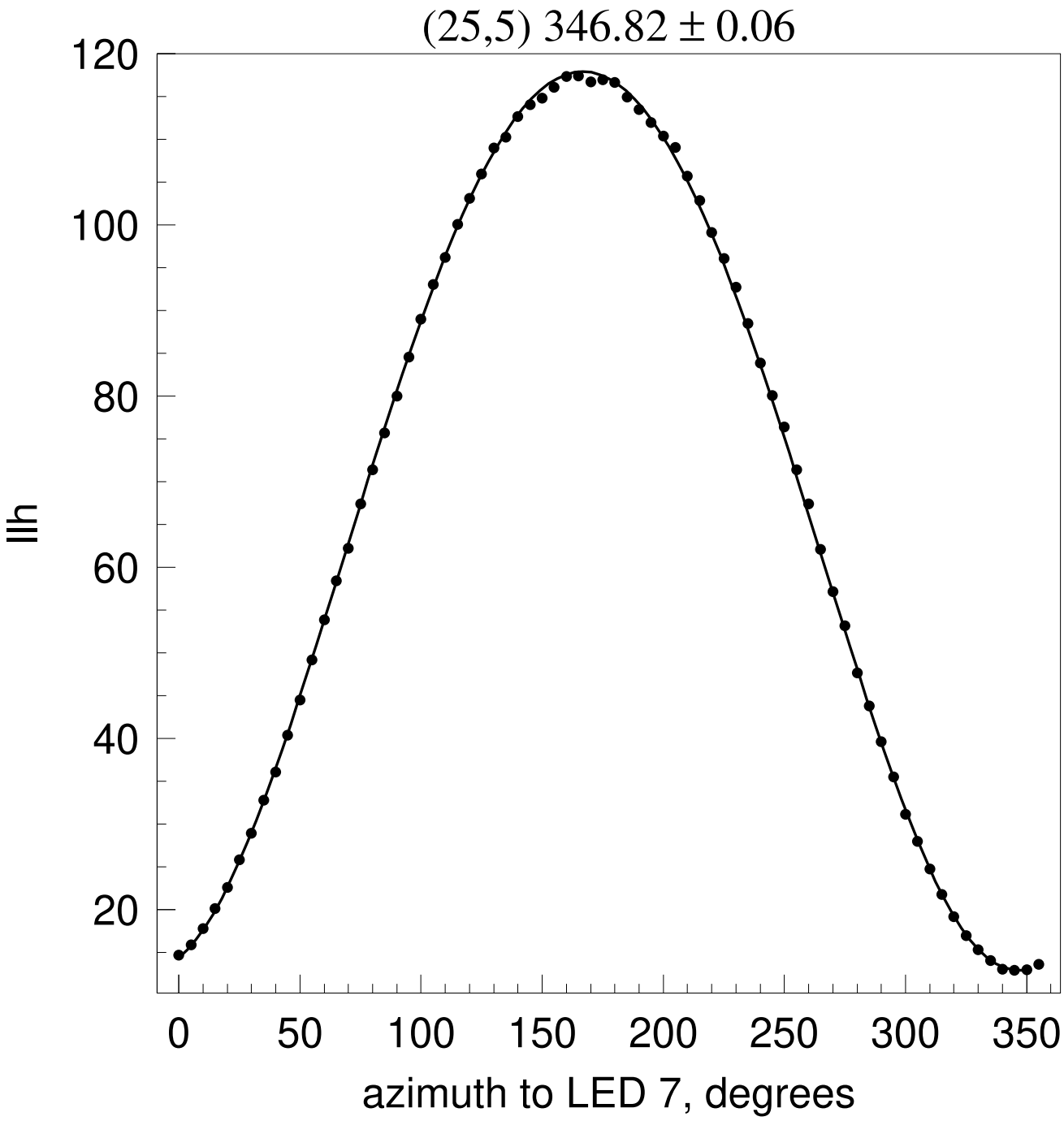

(24,60) 346.18 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

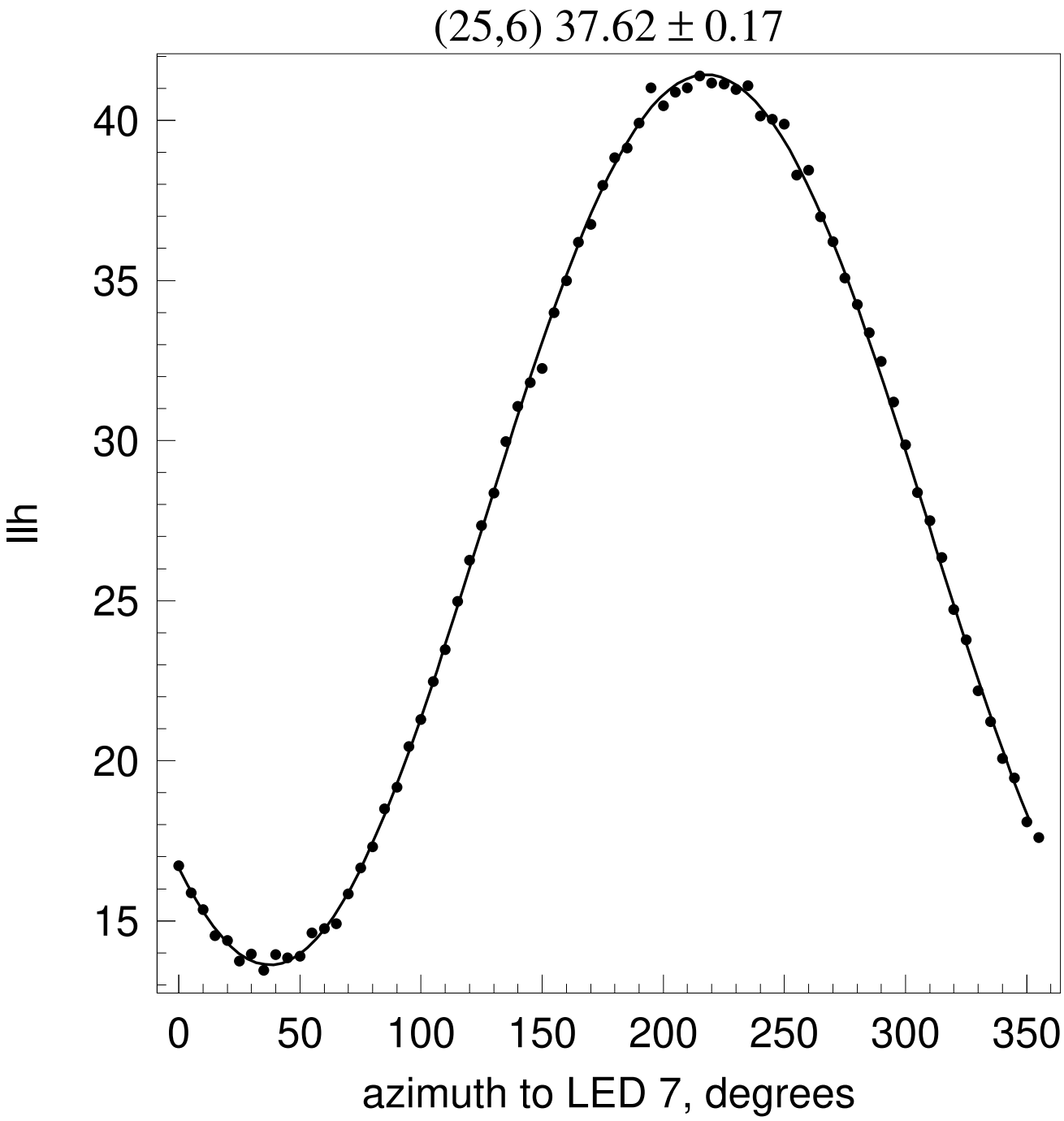

(25,1) 324.95 ± 0.18
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

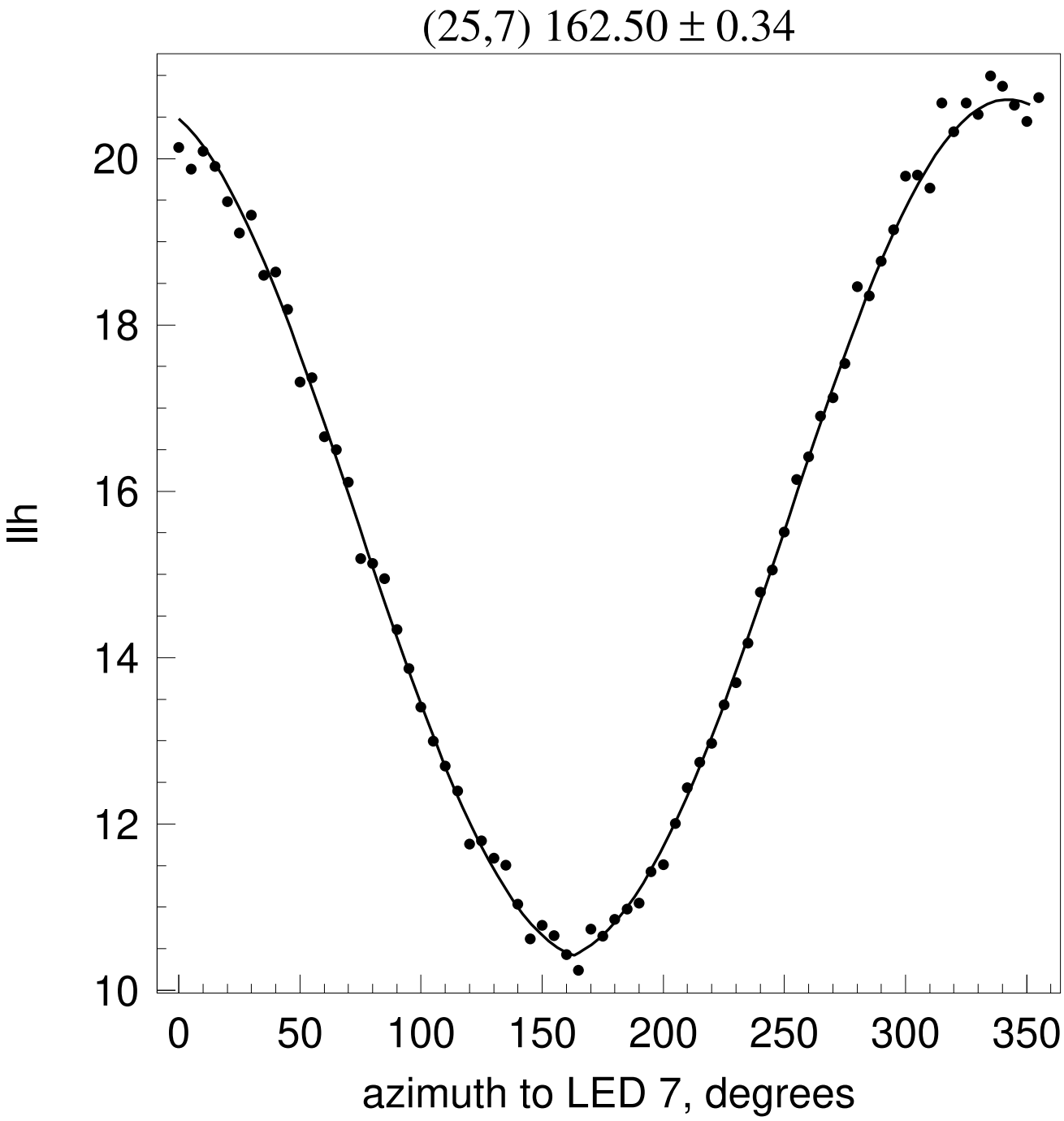

(25,2) 289.32 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

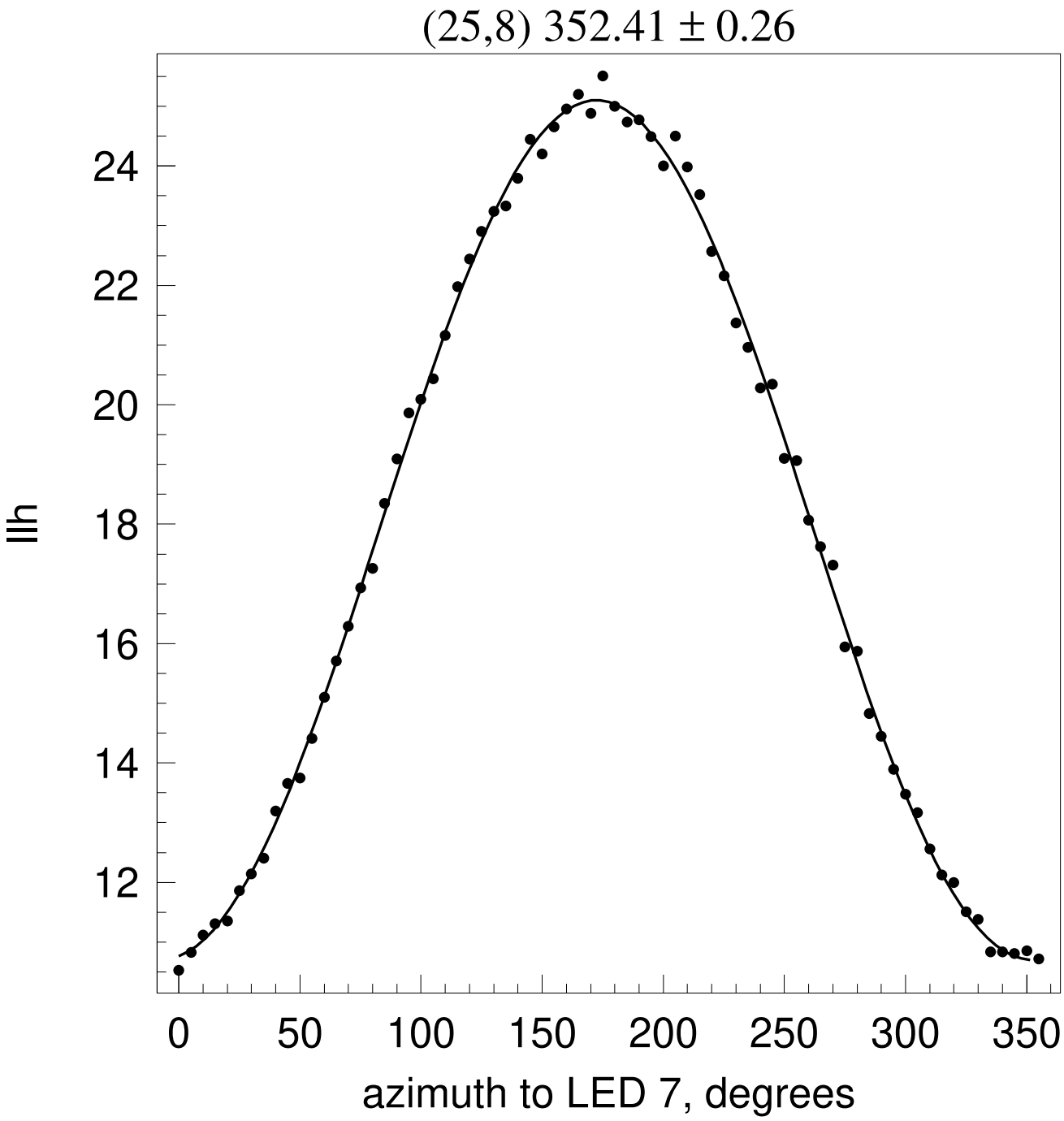

(25,3) 83.16 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

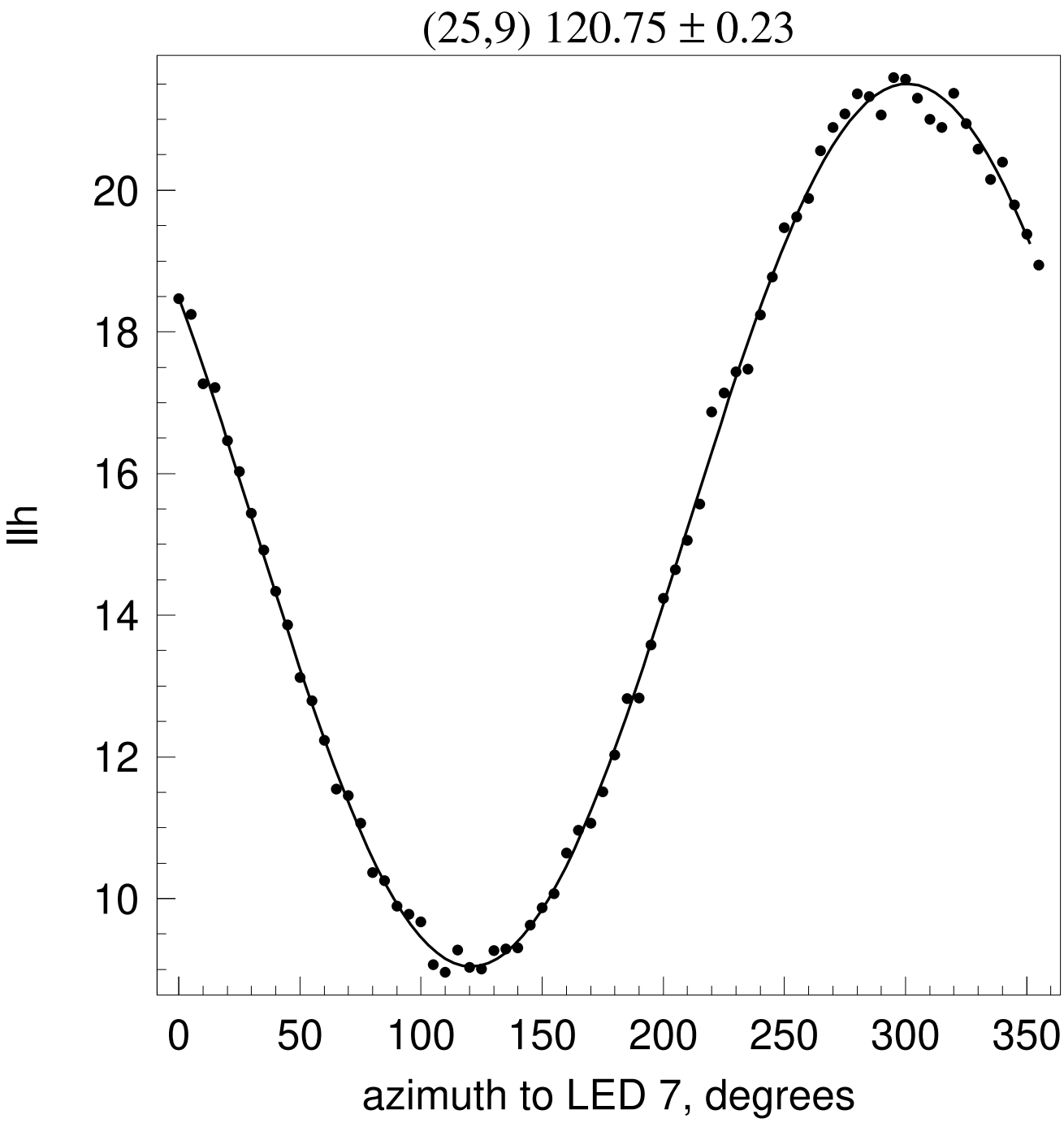

(25,4) 19.28 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

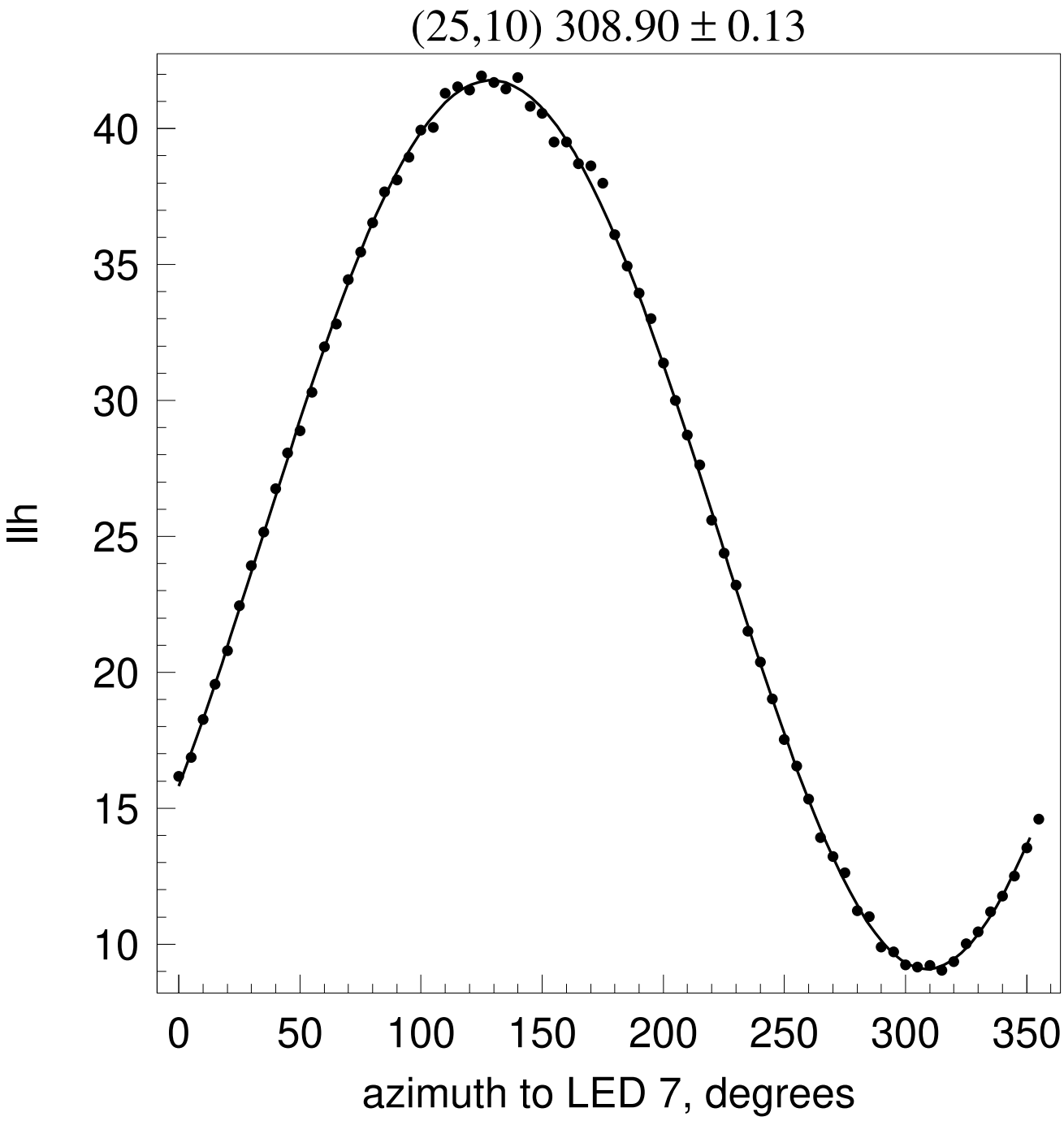

(25,5) 346.82 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

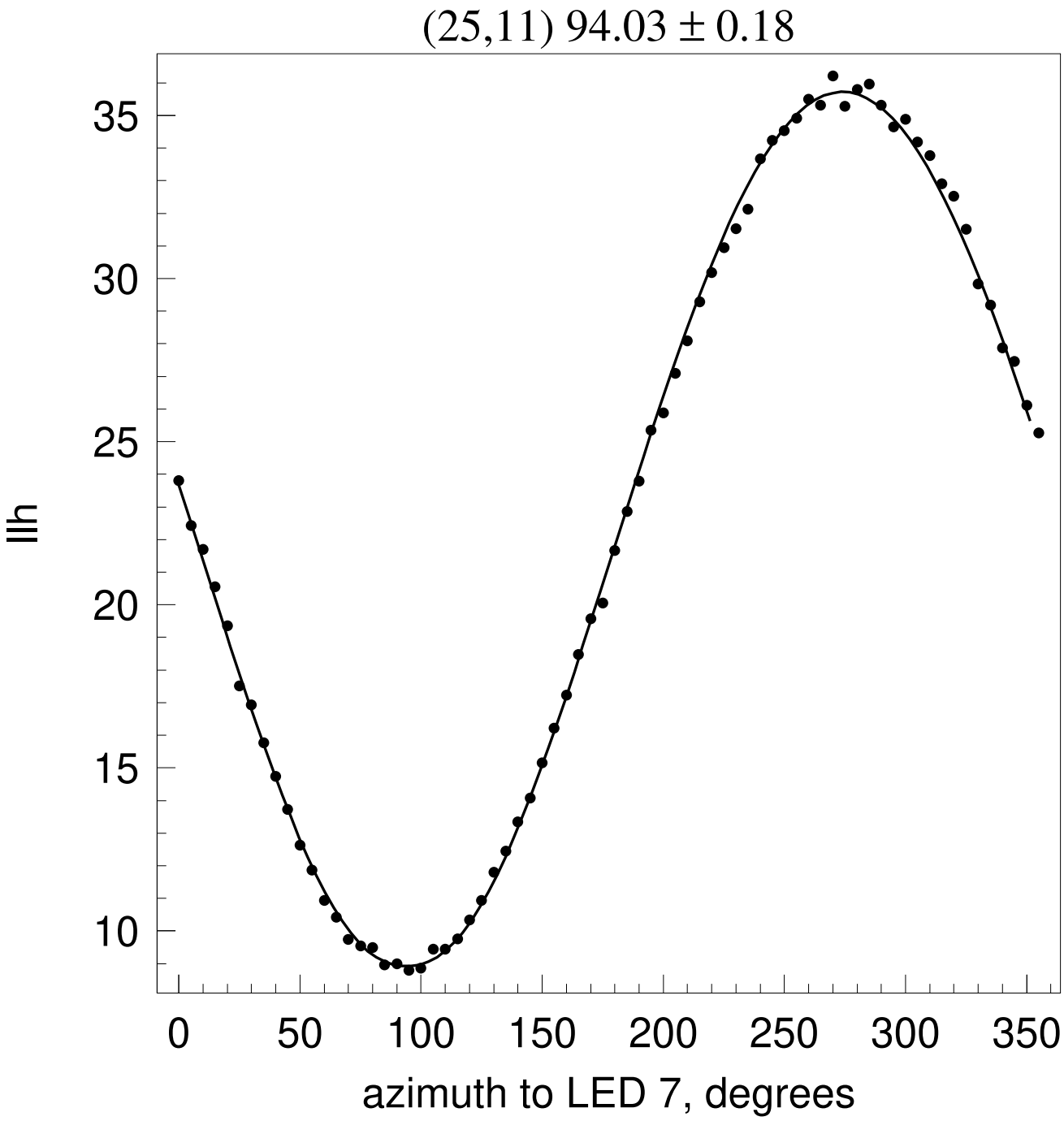

(25,6) 37.62 ± 0.17
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

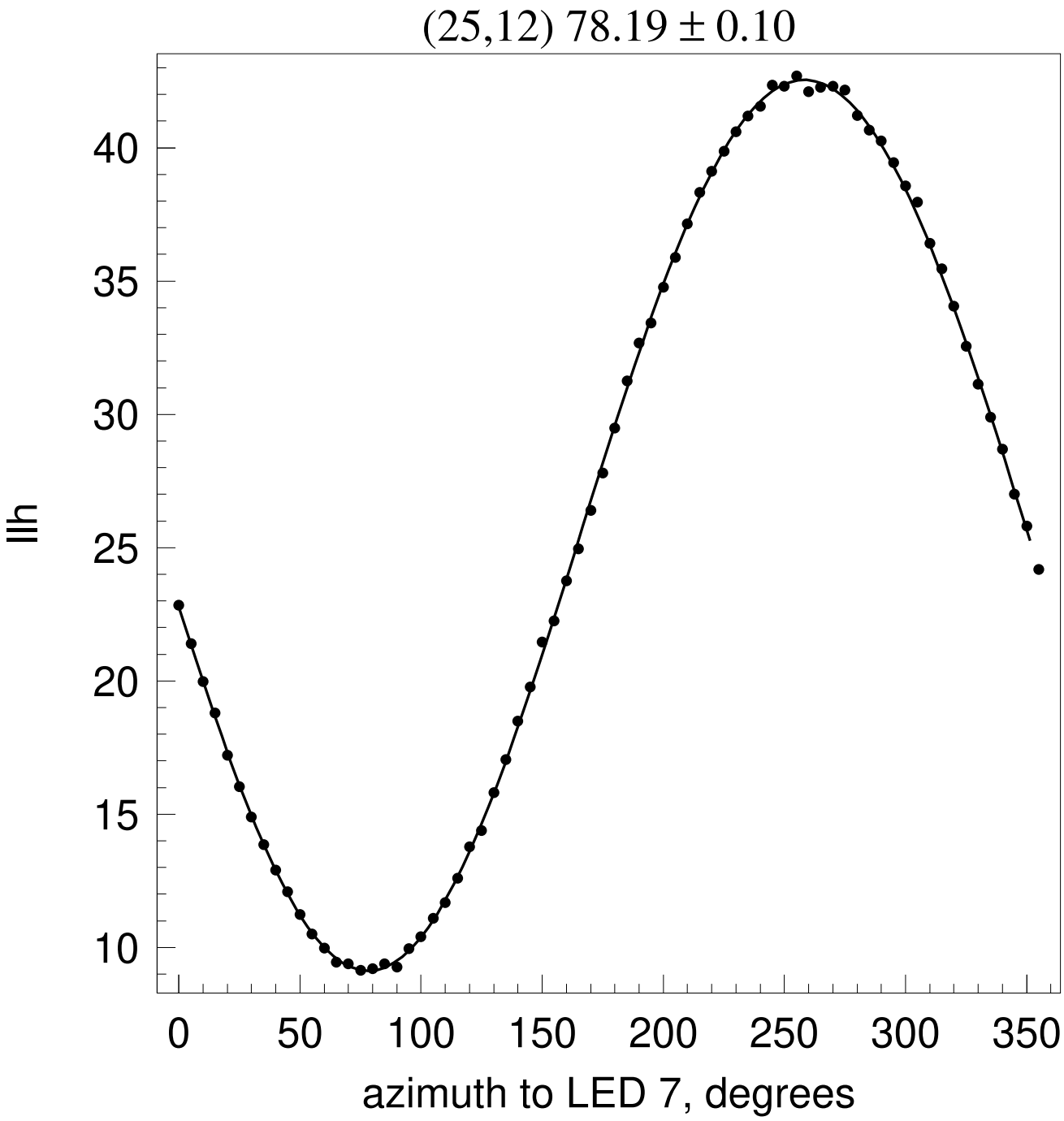

(25,7) 162.50 ± 0.34
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

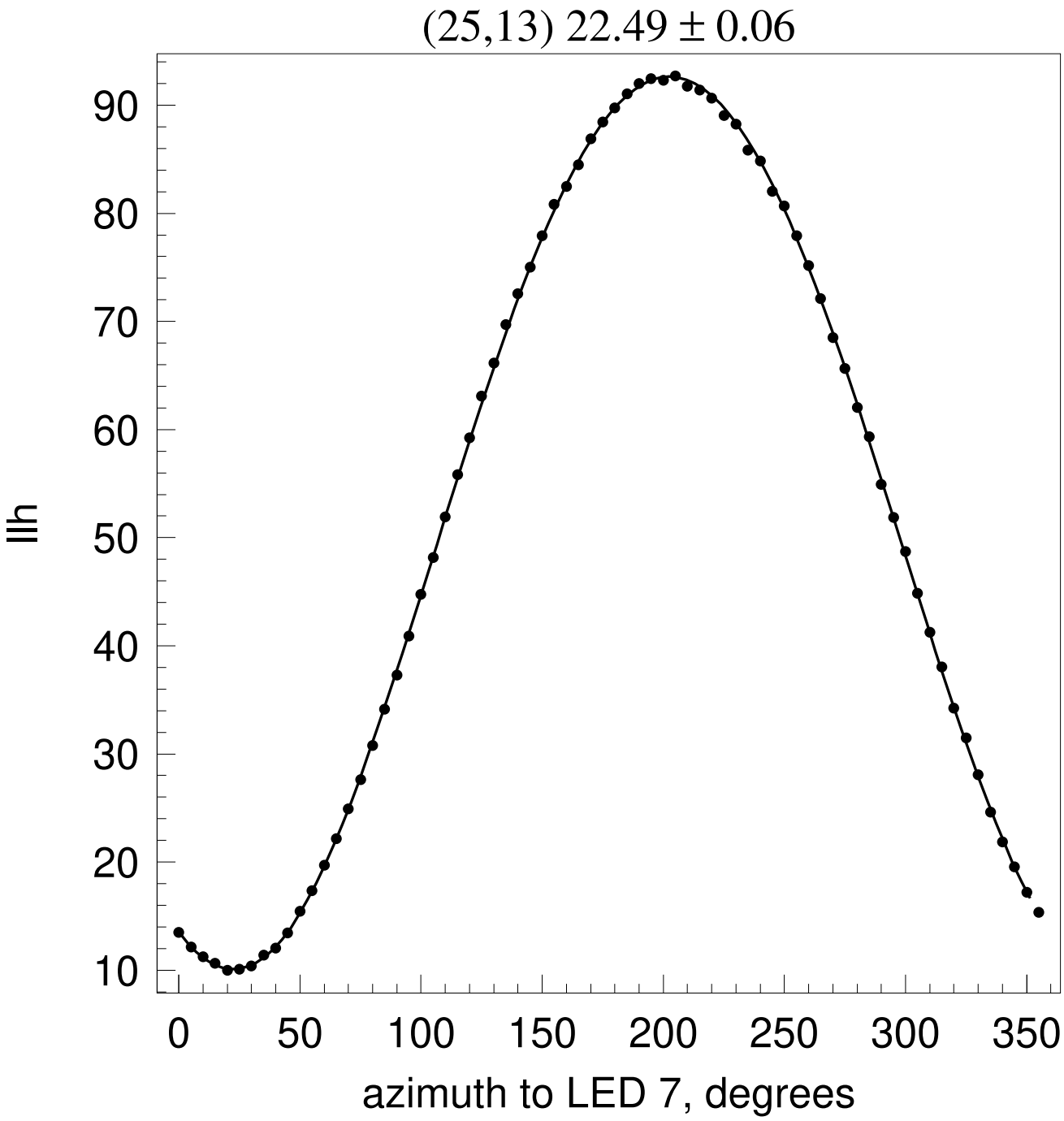

(25,8) 352.41 ± 0.26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

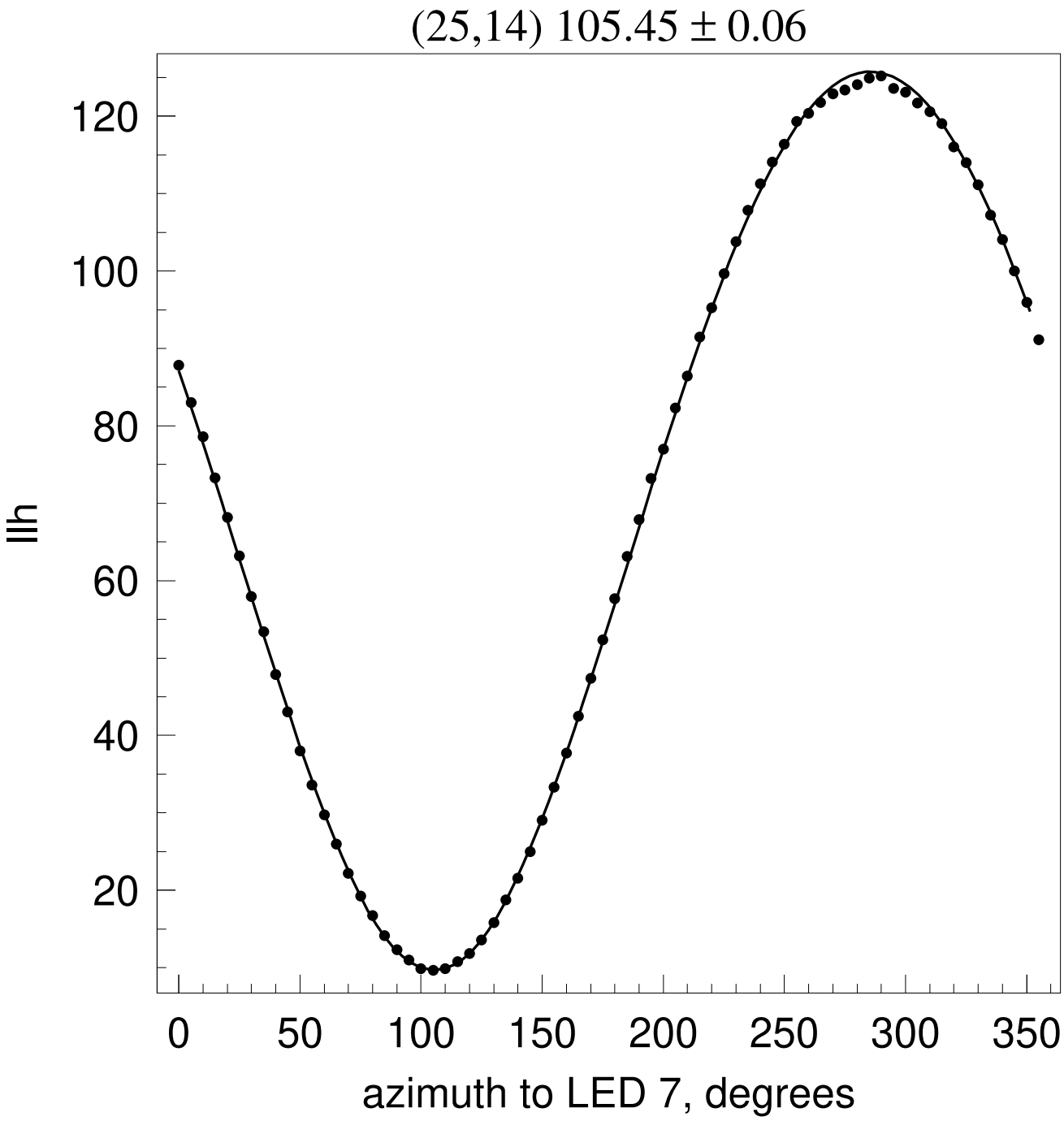

(25,9) 120.75 ± 0.23
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

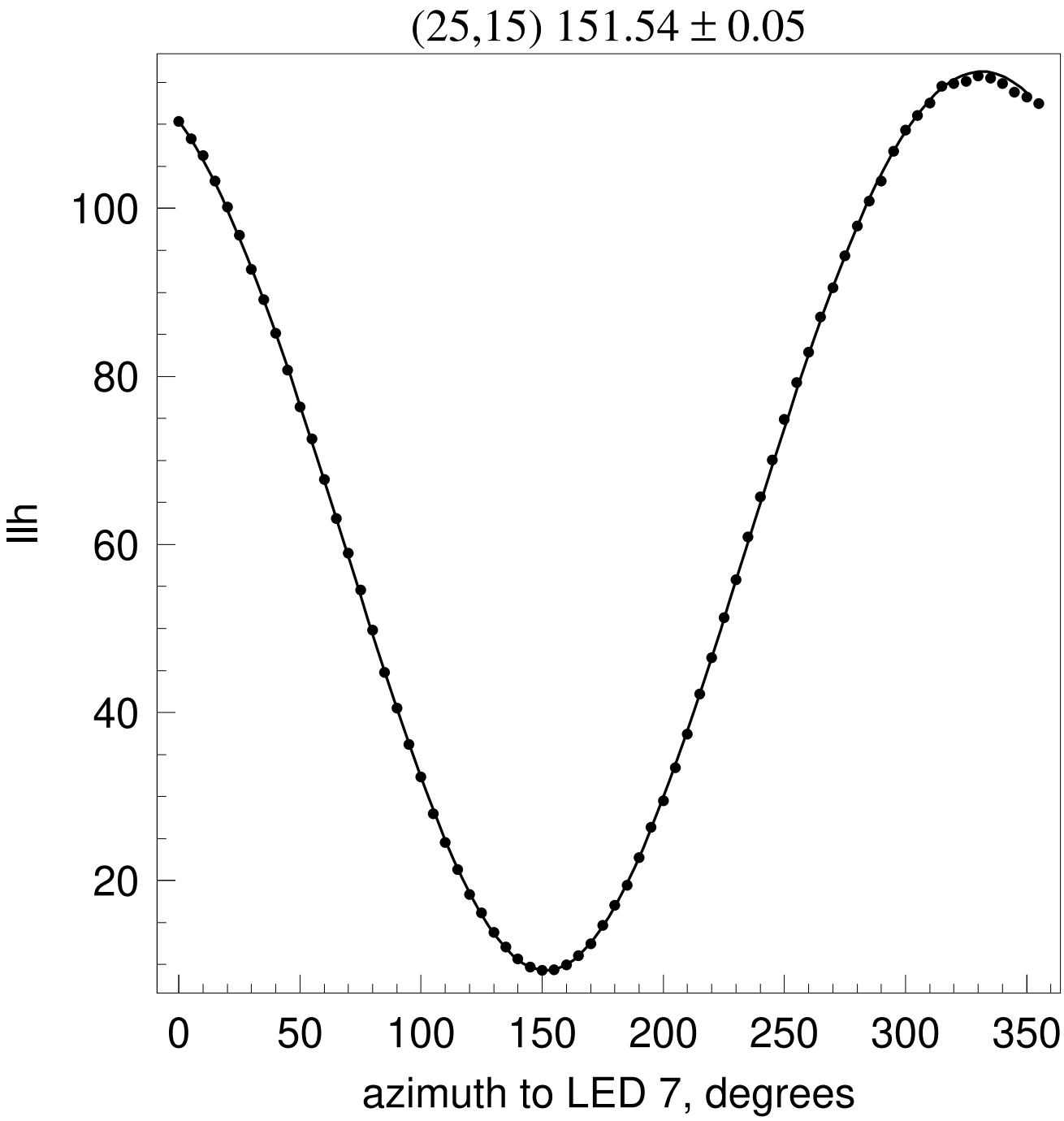

(25,10) 308.90 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

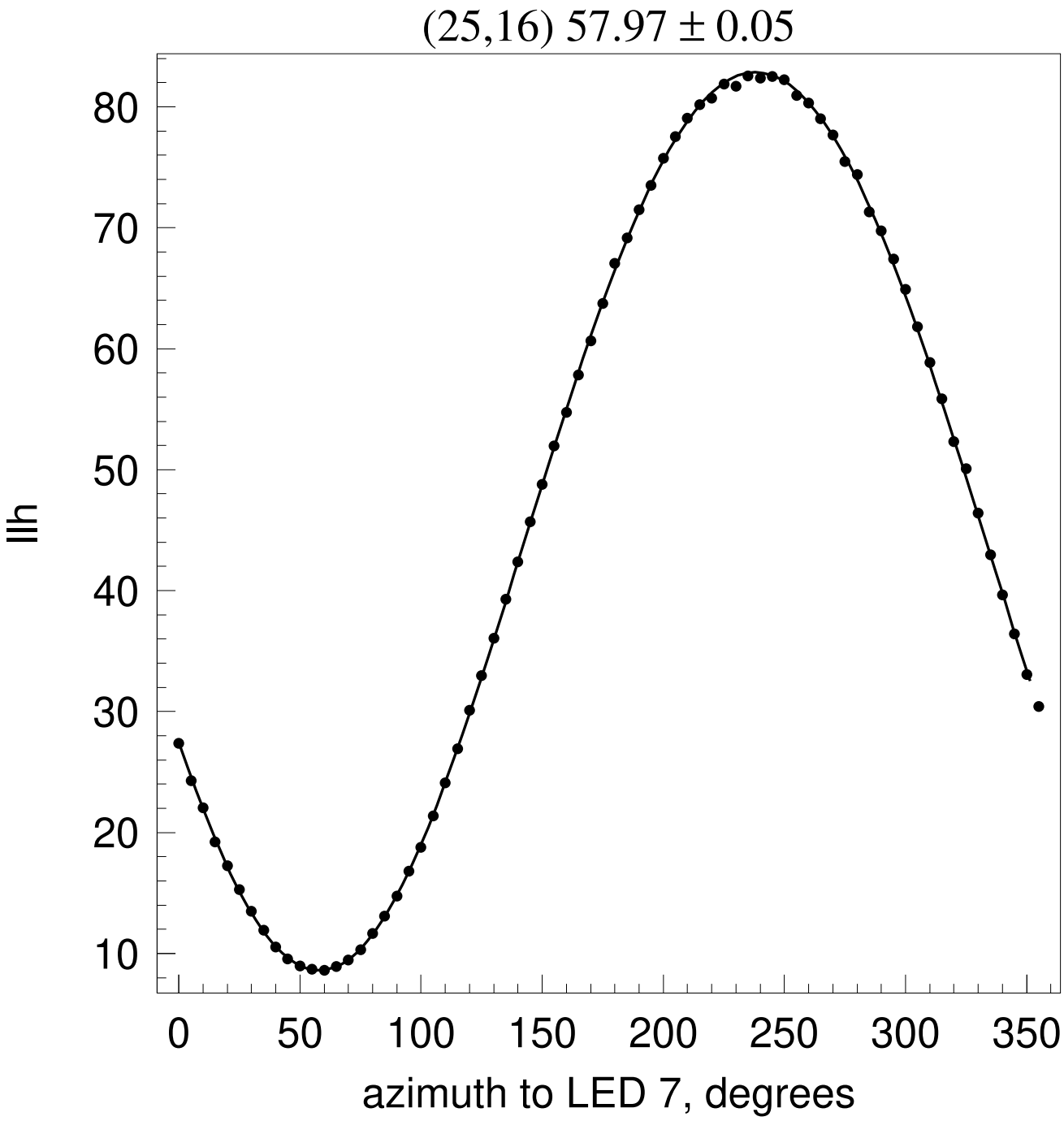

(25,11) 94.03 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

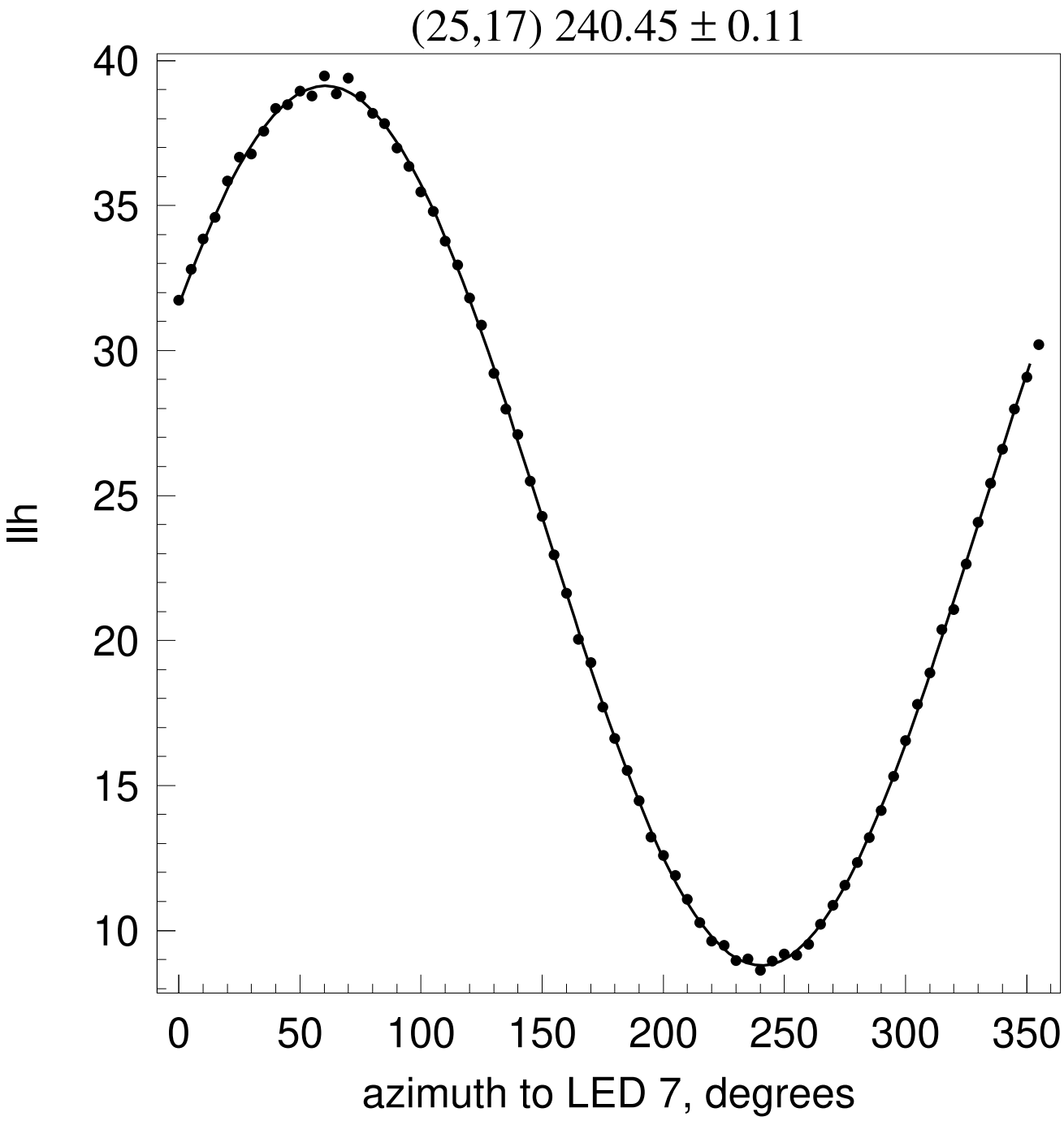

(25,12) 78.19 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

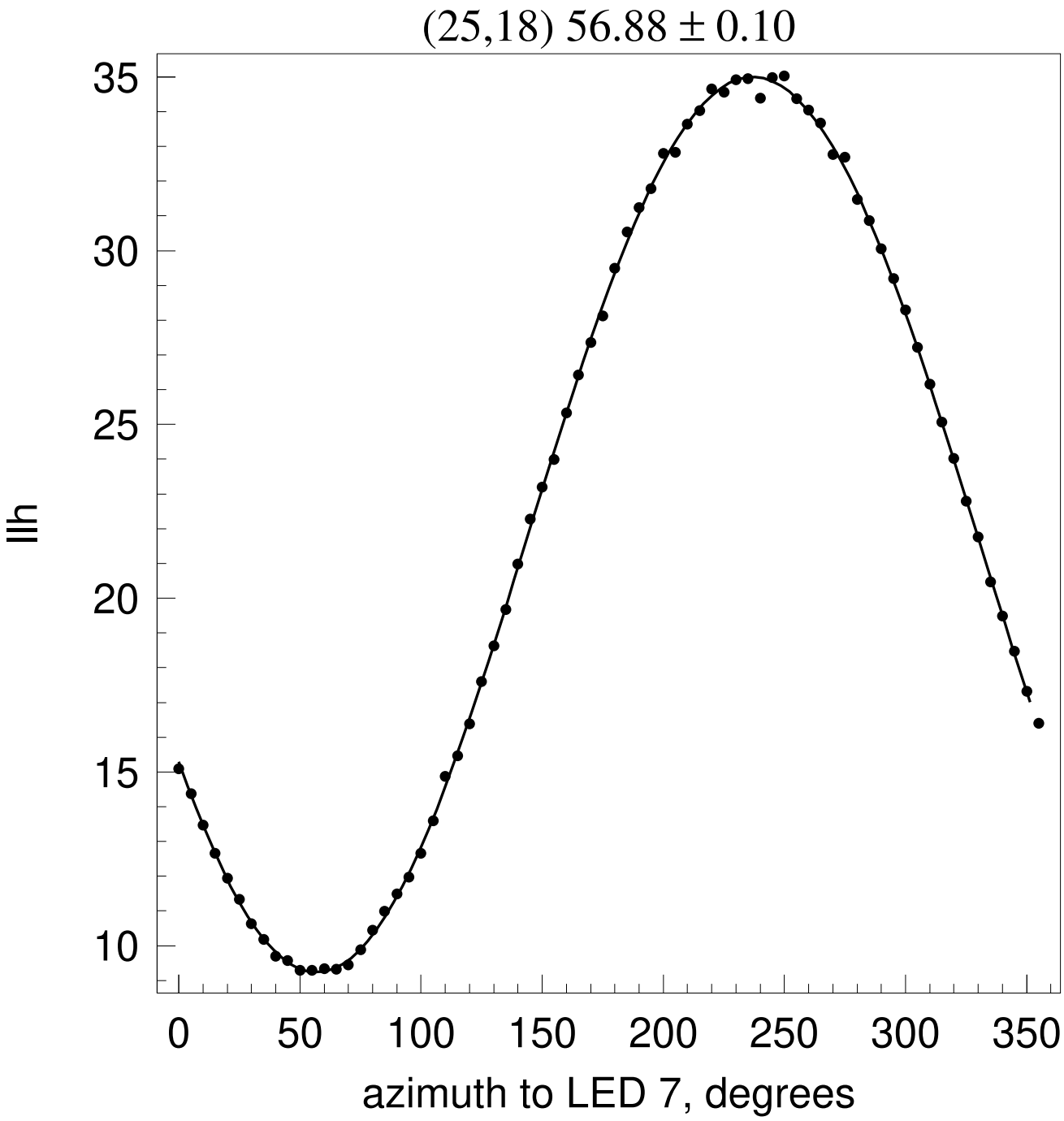

(25,13) 22.49 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

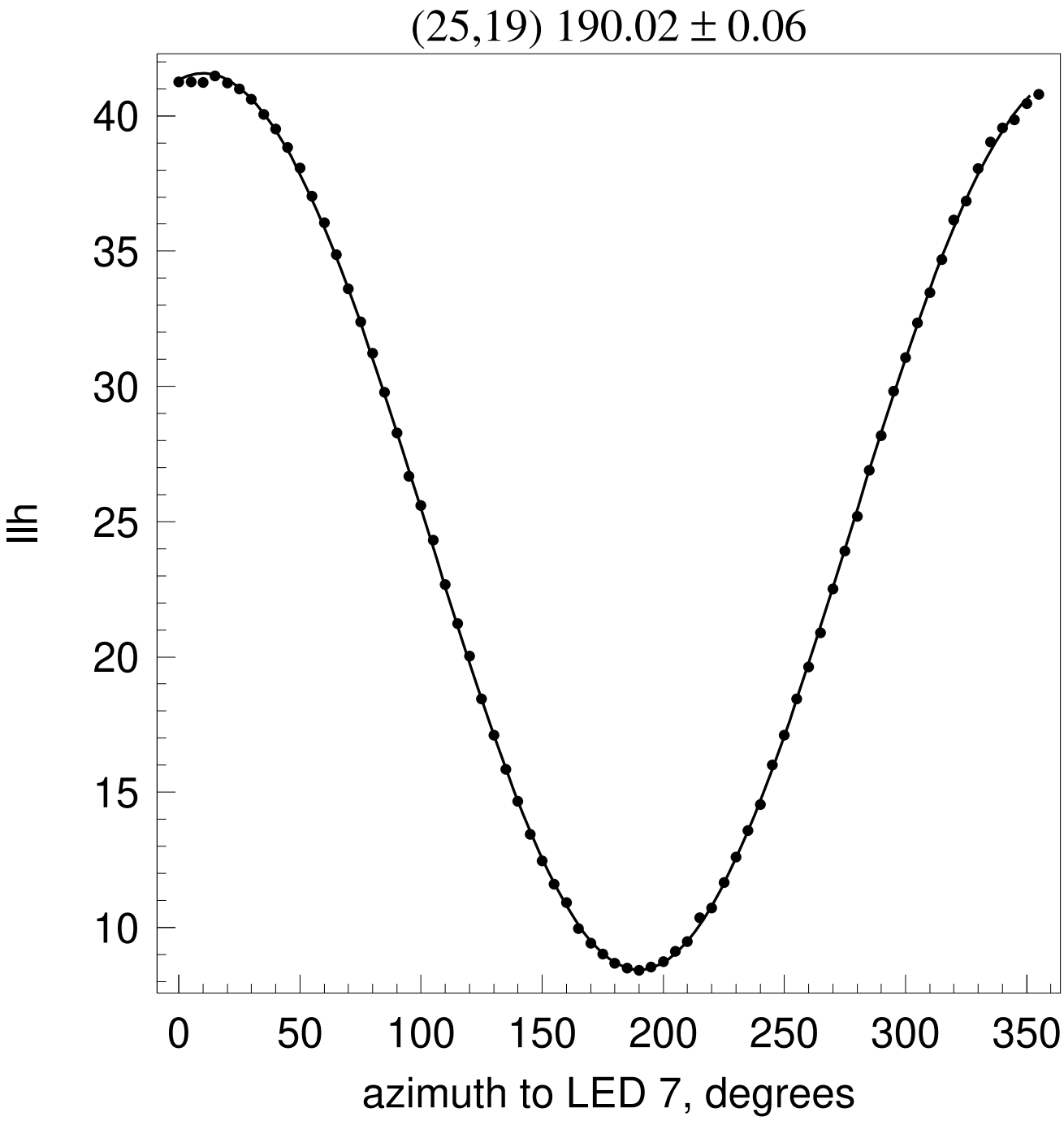

(25,14) 105.45 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

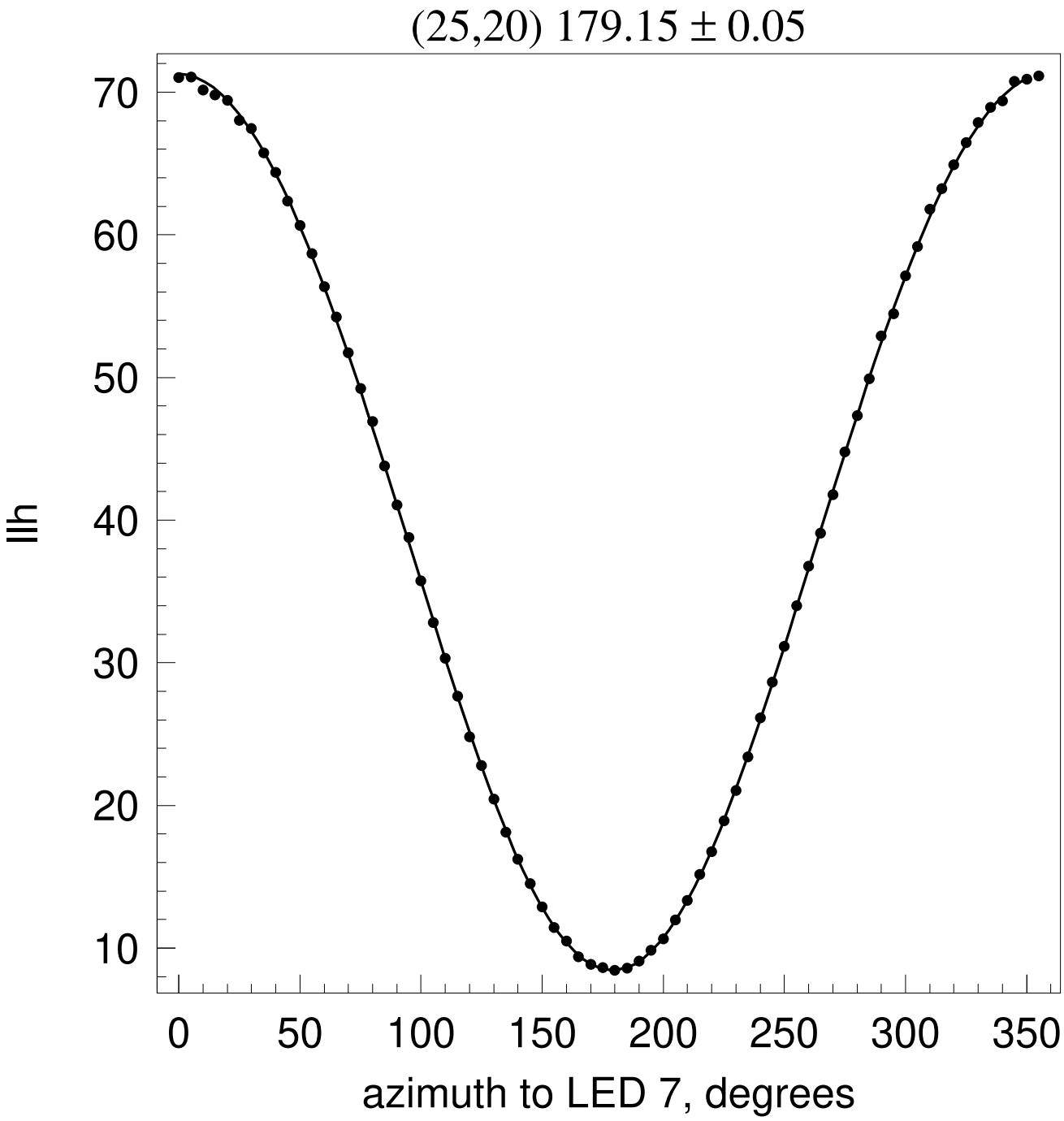

(25,15) 151.54 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

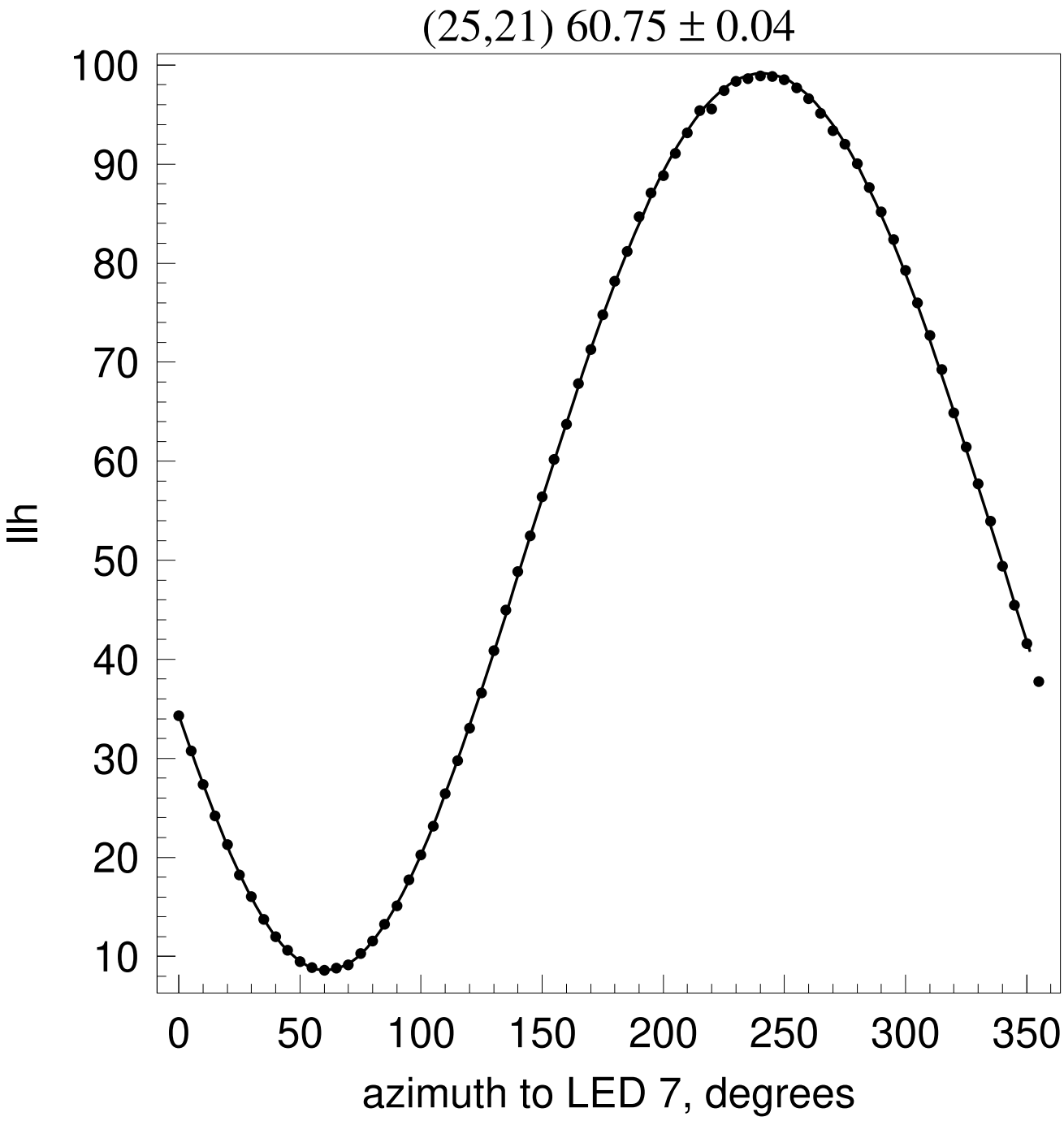

(25,16) 57.97 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

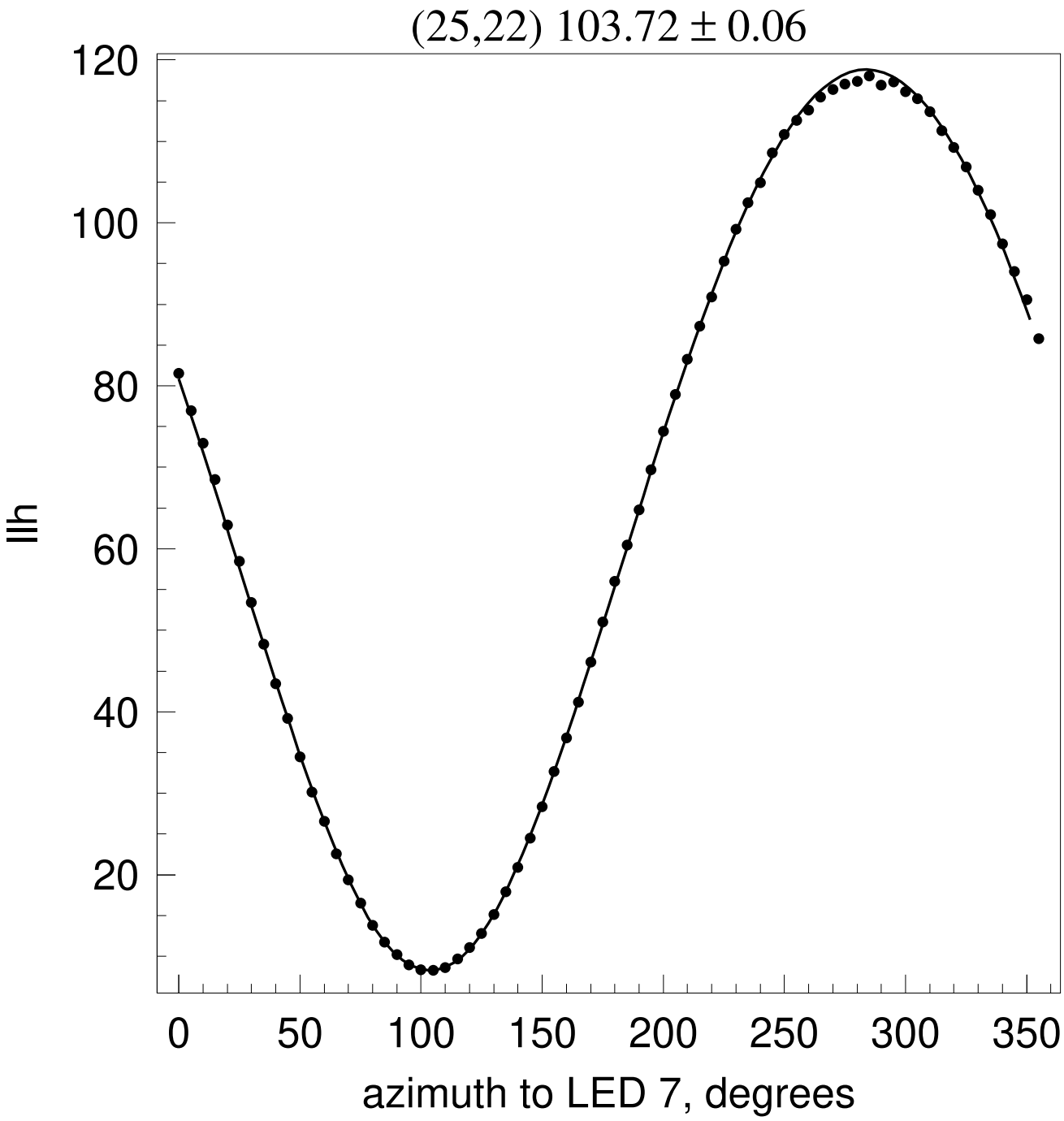

(25,17) 240.45 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

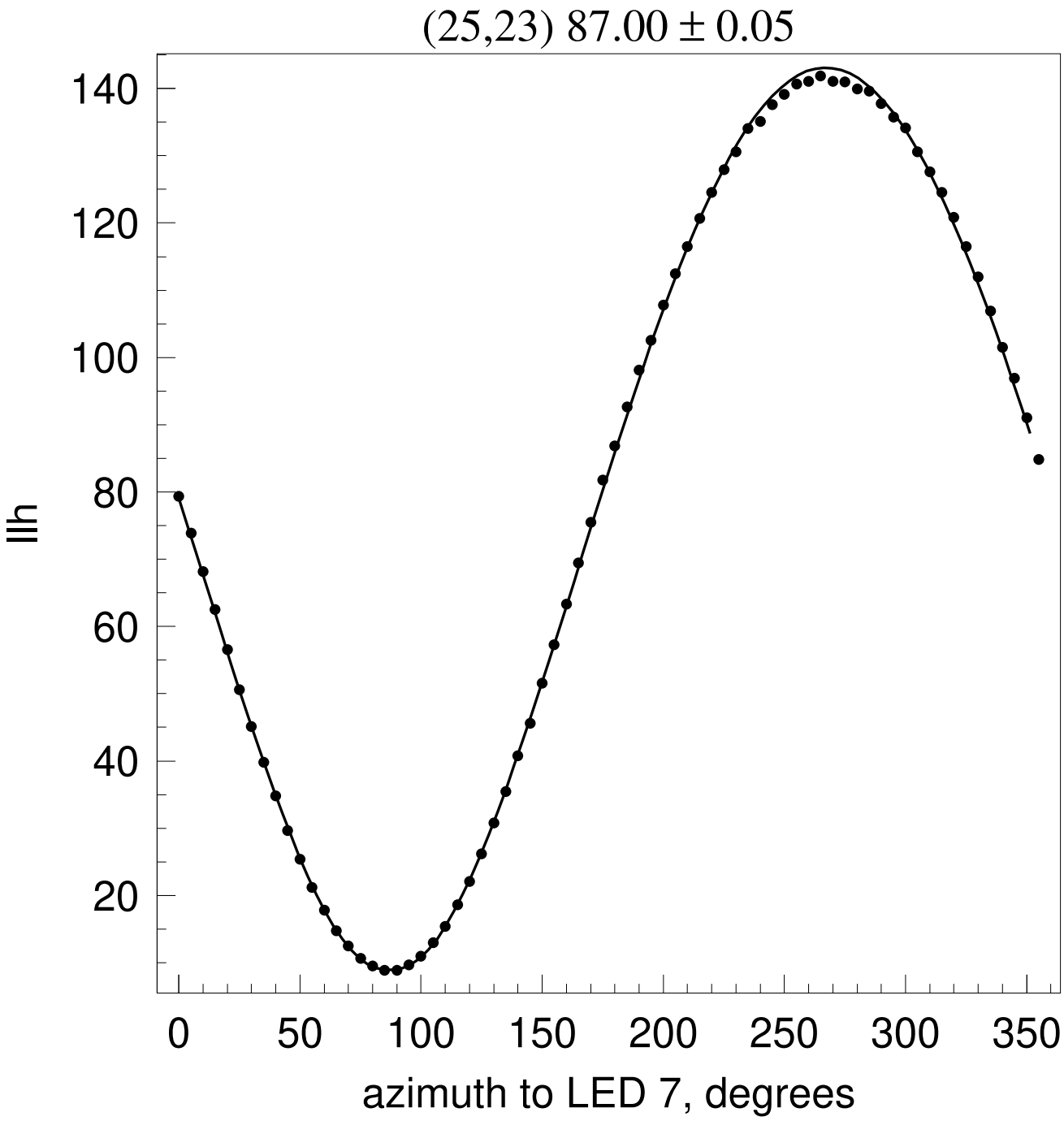

(25,18) 56.88 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

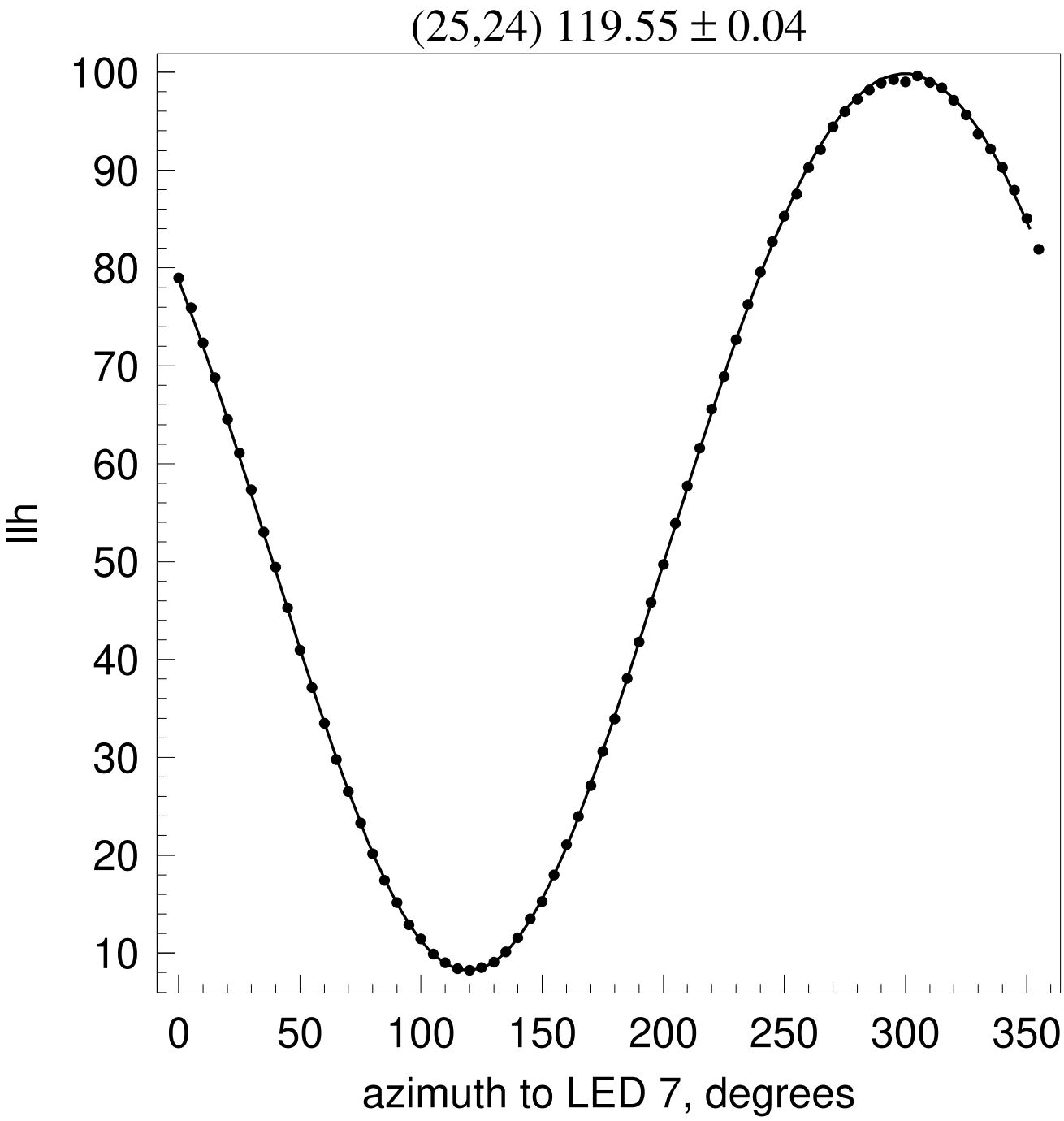

(25,19) 190.02 ± 0.06
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

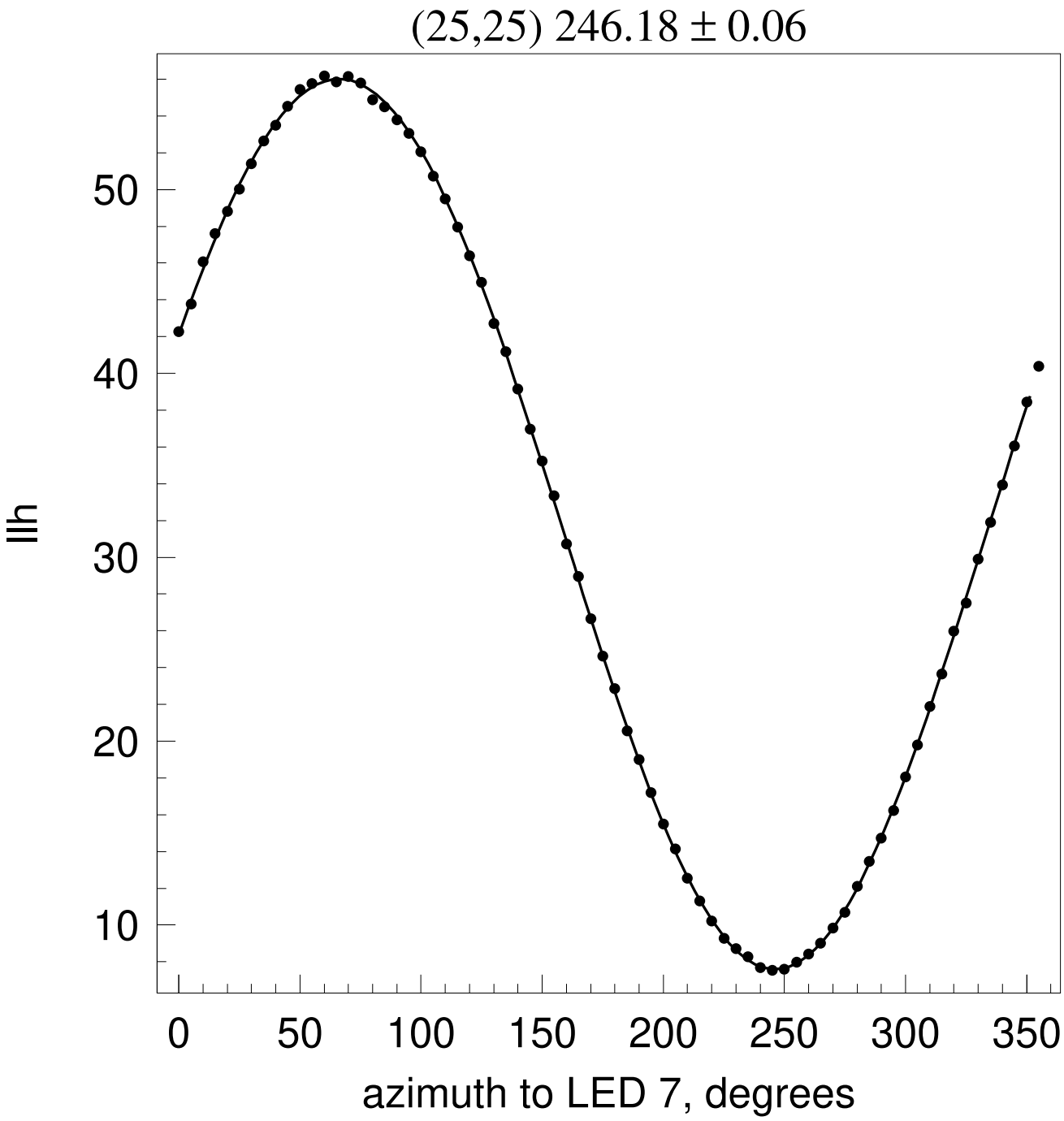

(25,20) 179.15 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

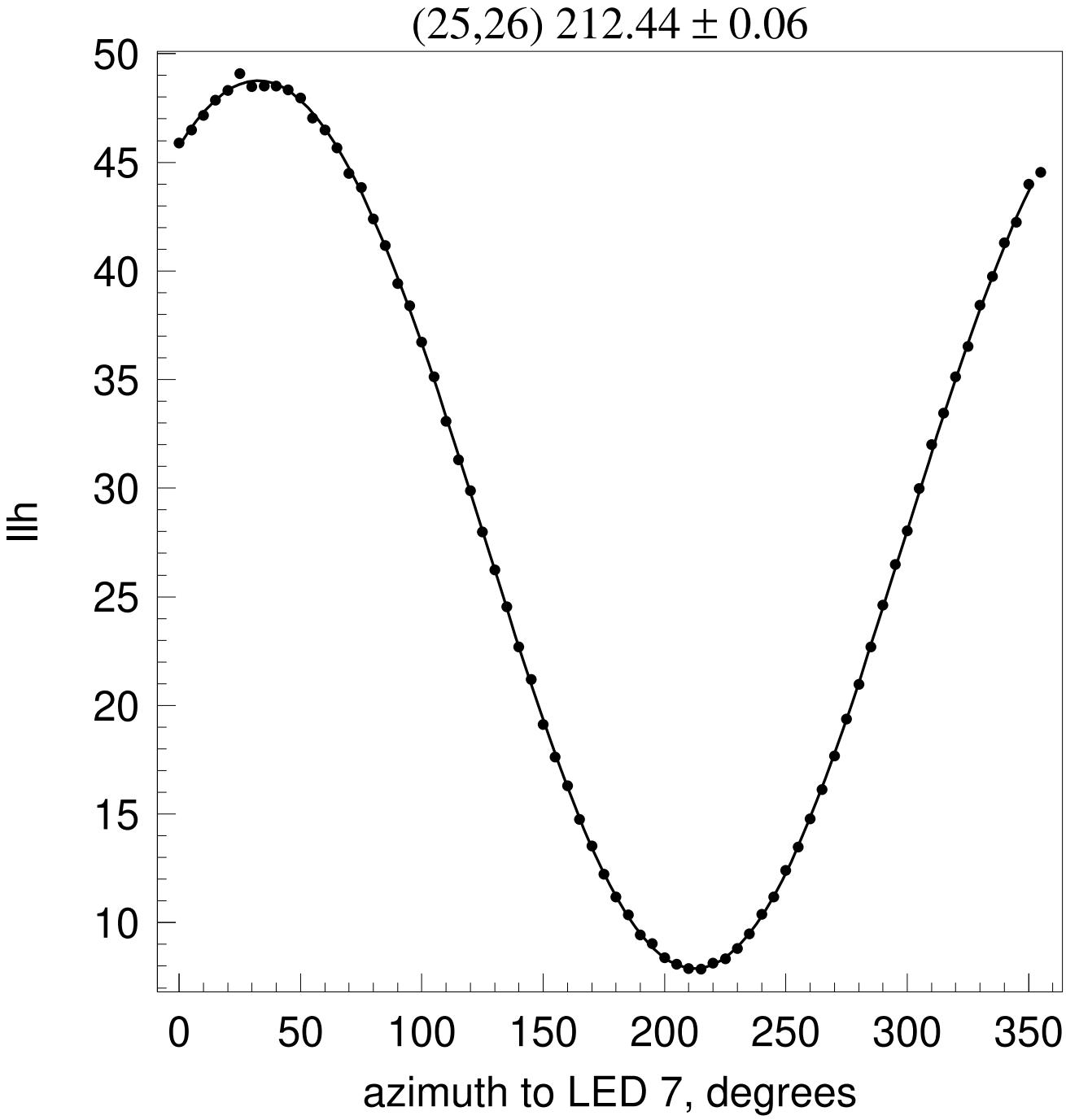

(25,21) 60.75 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

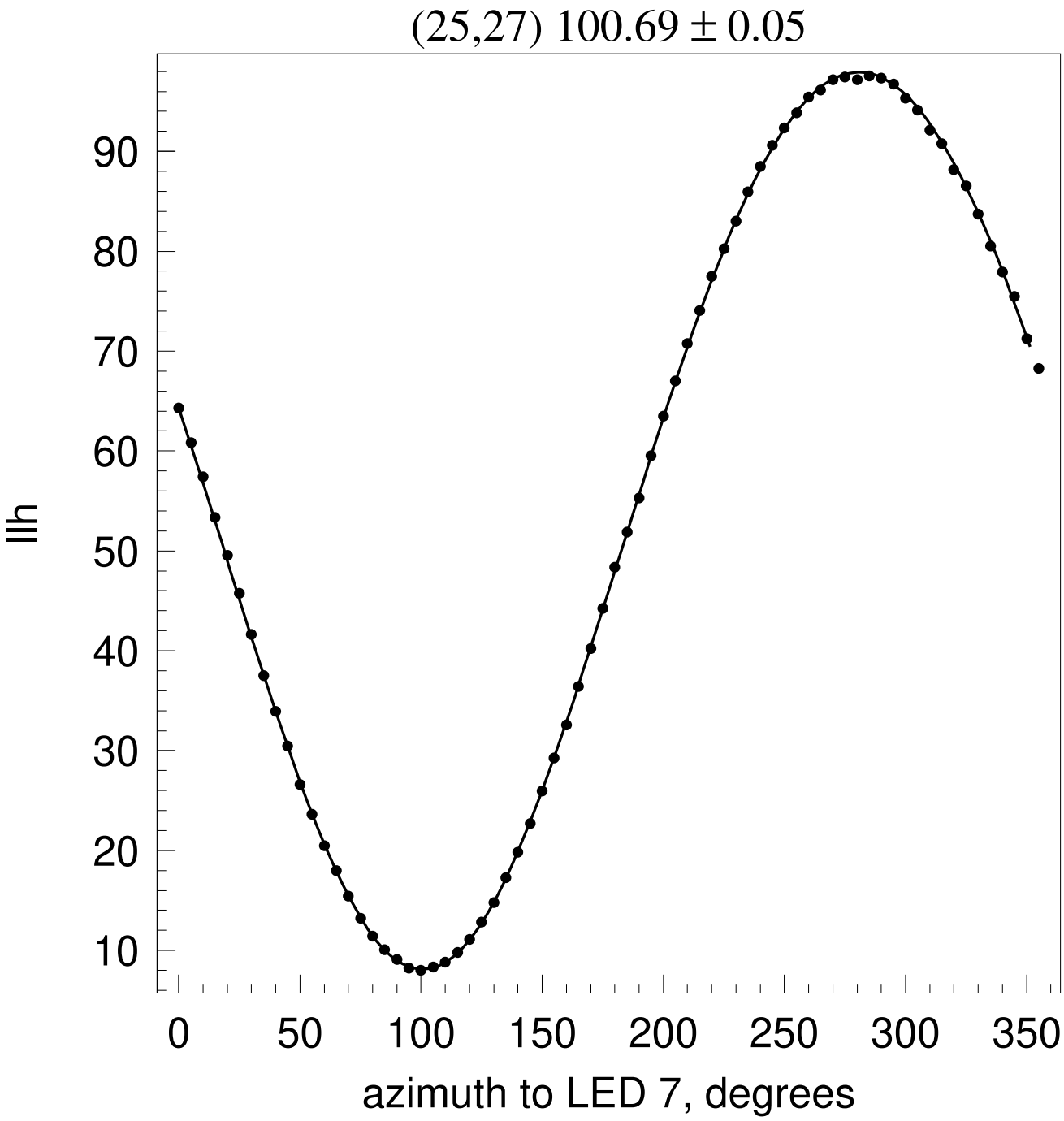

(25,22) 103.72 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

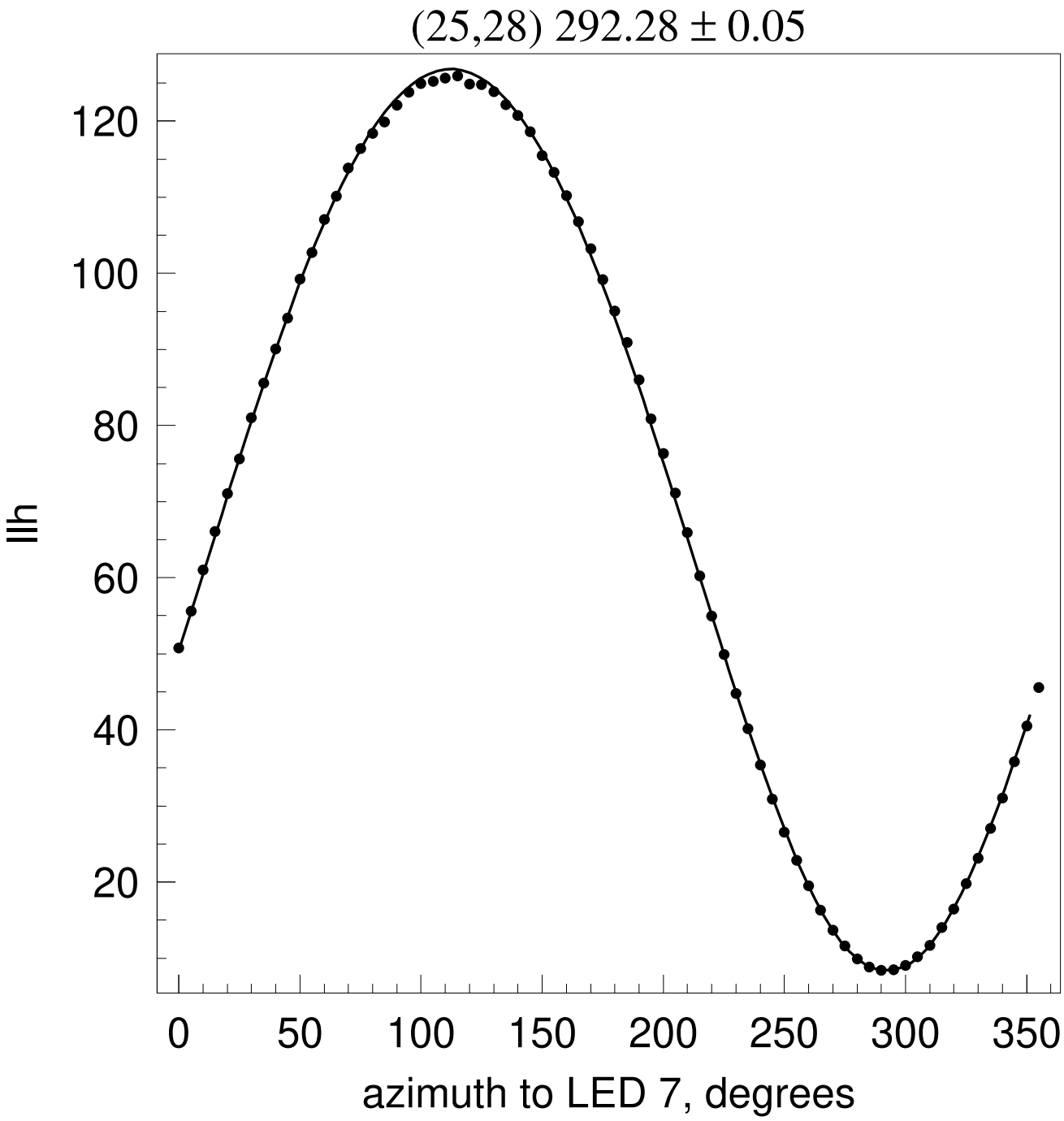

(25,23) 87.00 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

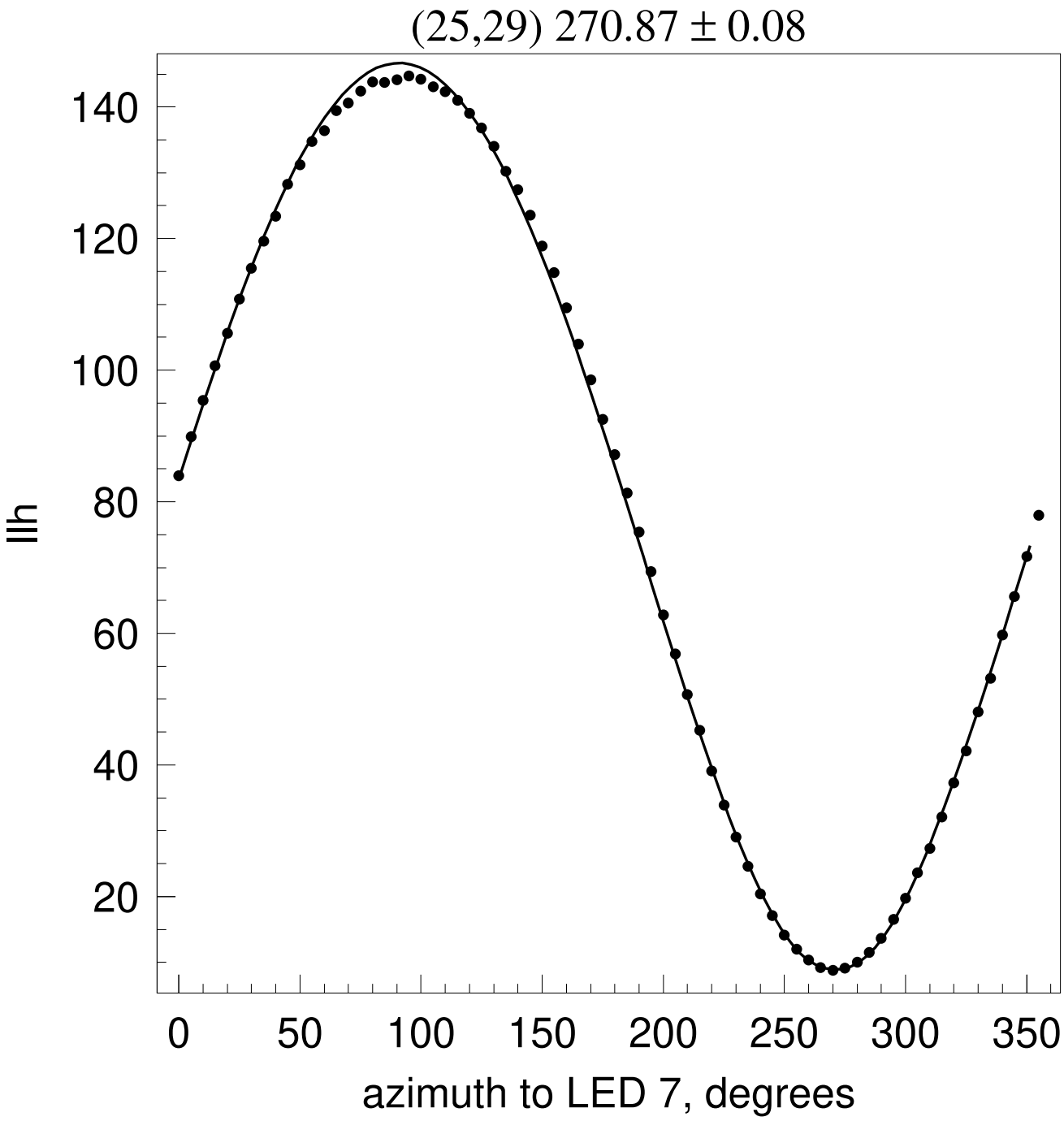

(25,24) 119.55 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

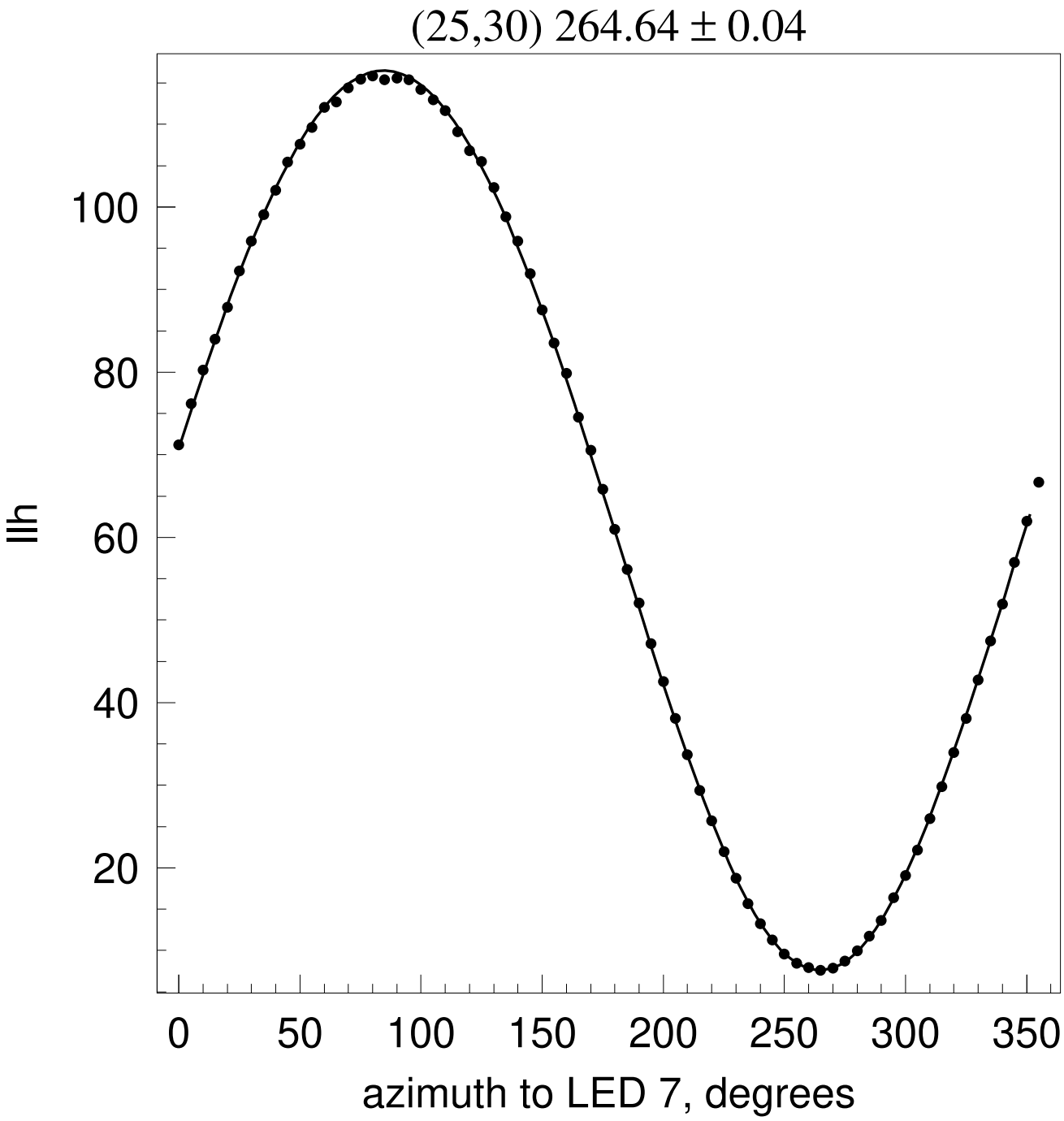

(25,25) 246.18 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

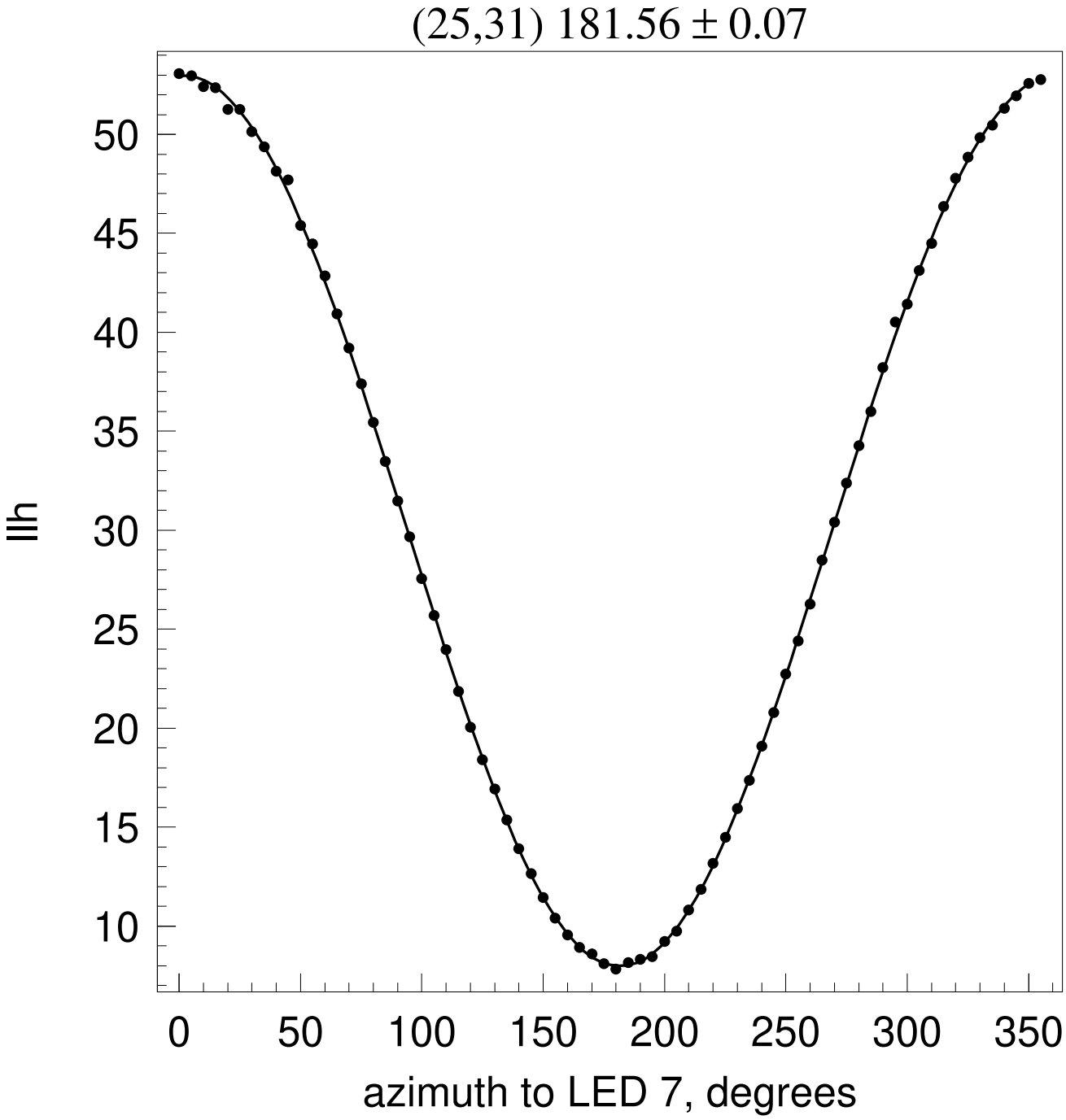

(25,26) 212.44 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

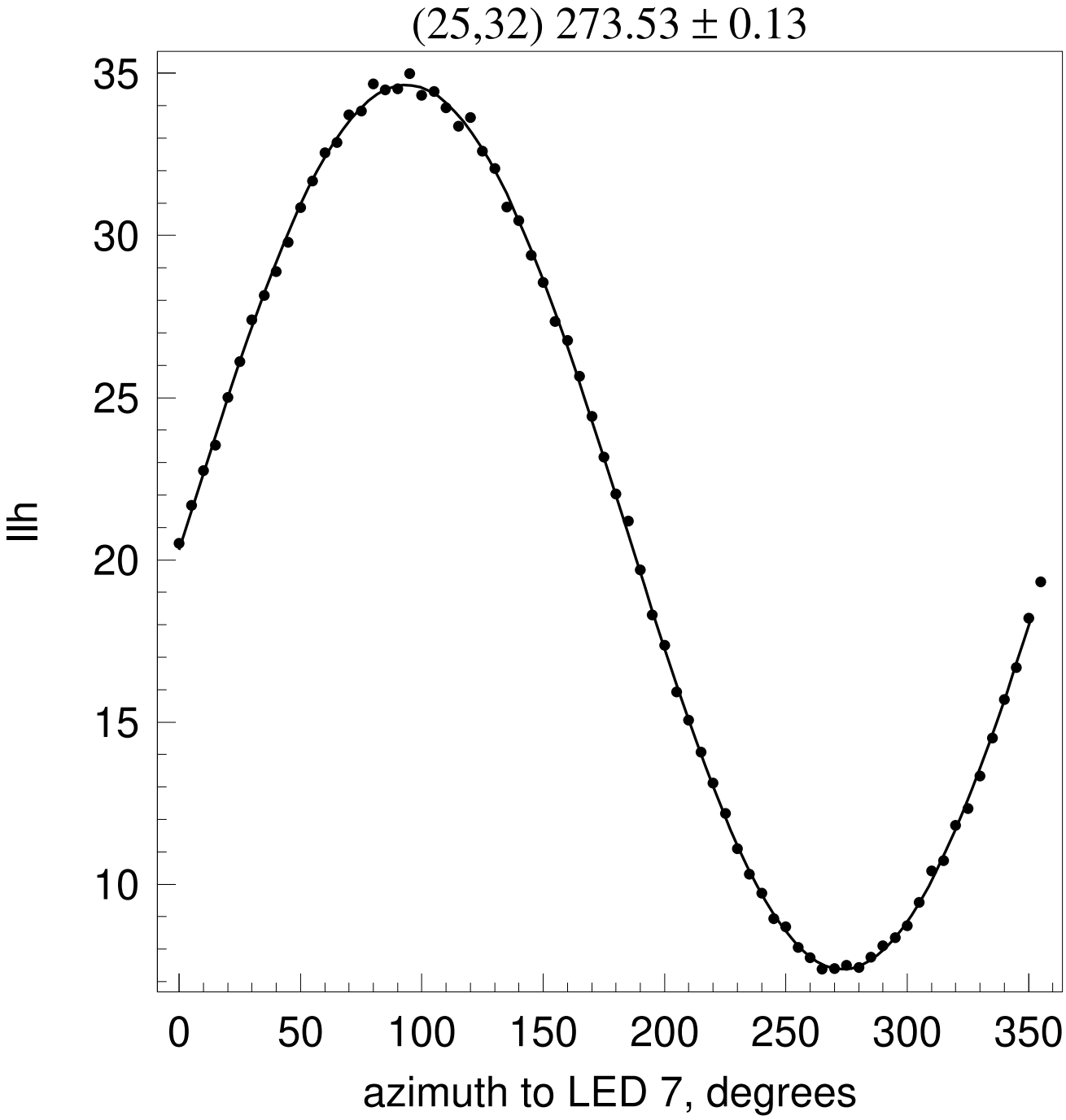

(25,27) 100.69 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

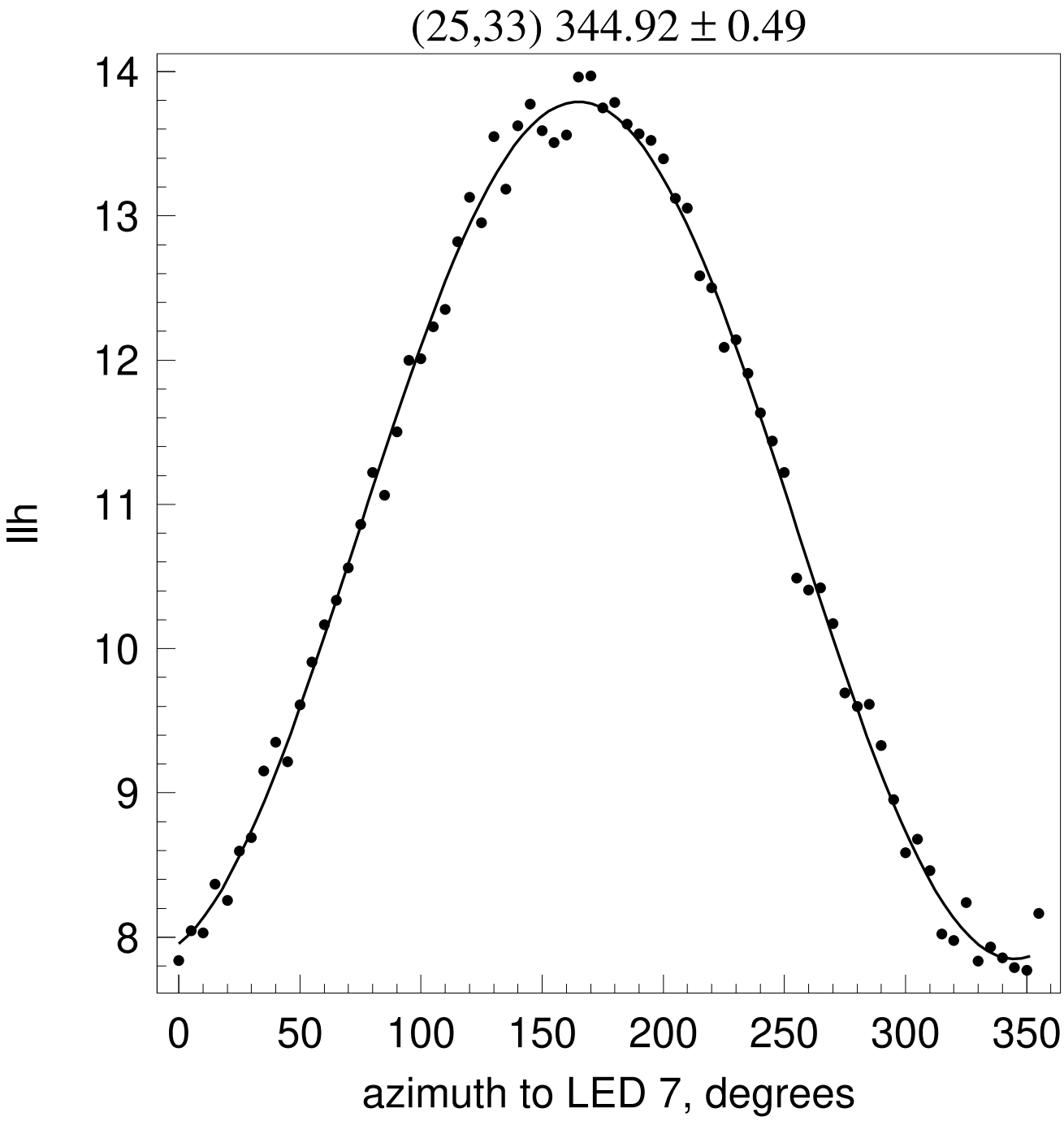

(25,28) 292.28 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

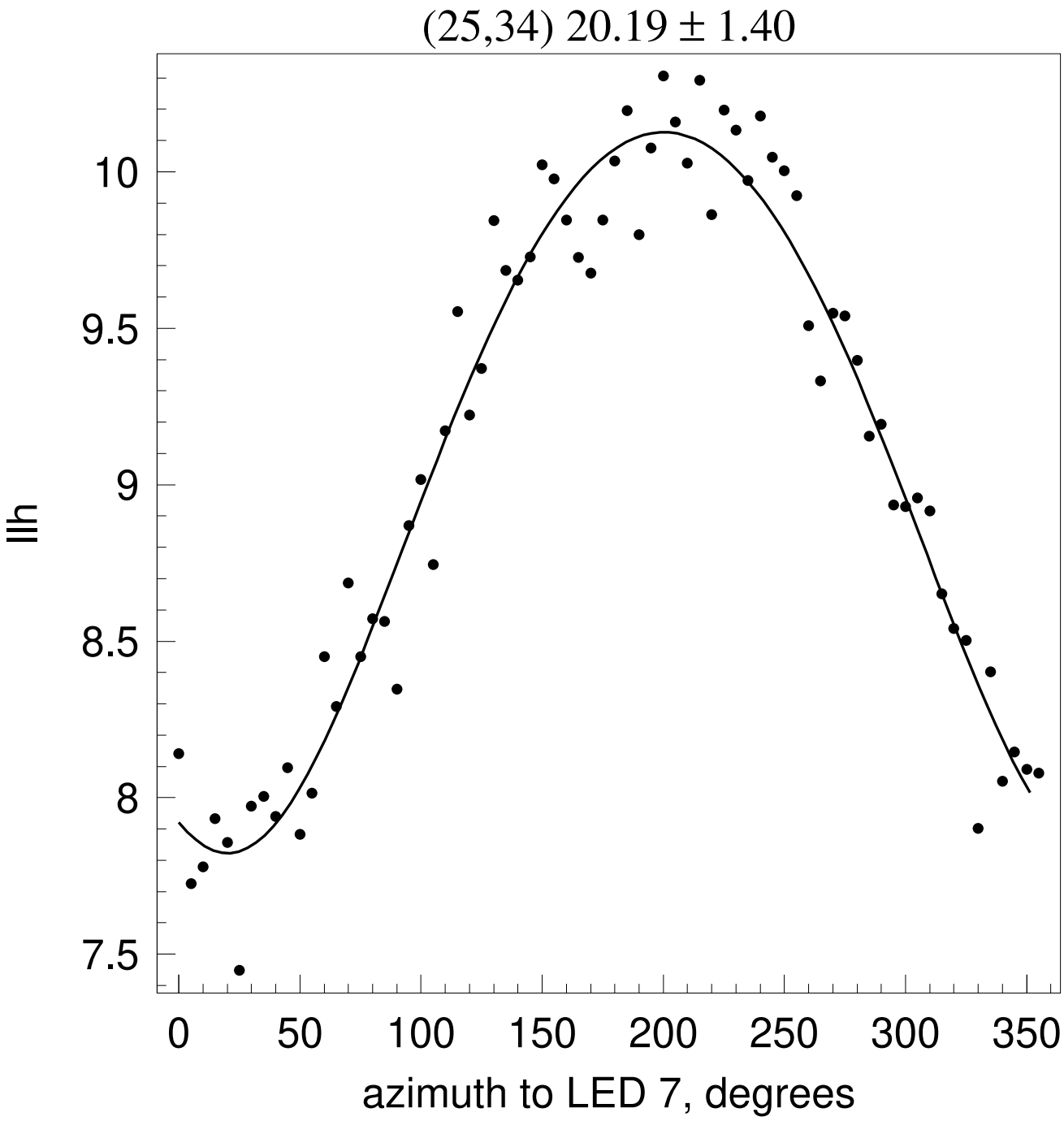

(25,29) 270.87 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

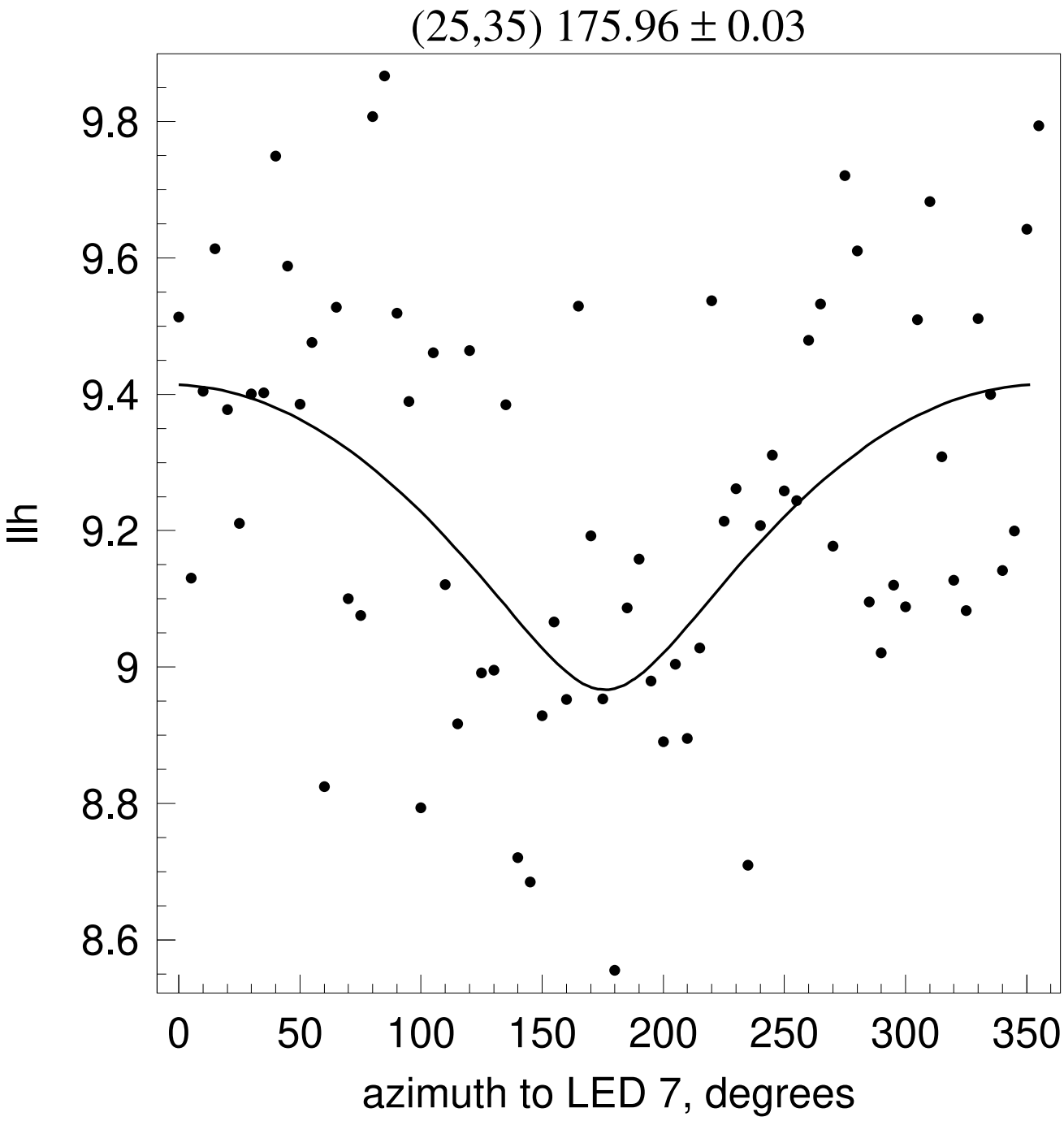

(25,30) 264.64 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

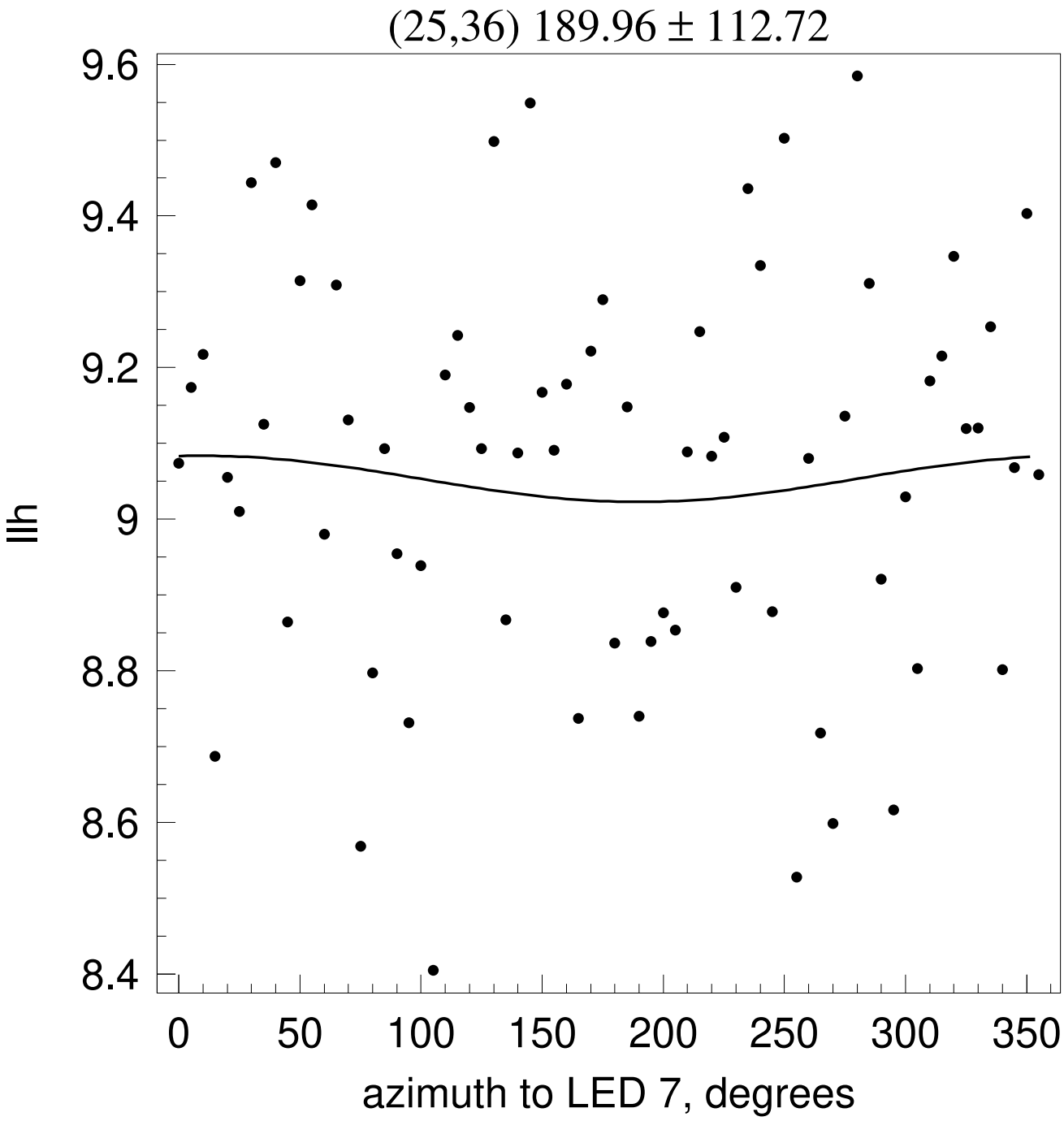

(25,31) 181.56 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

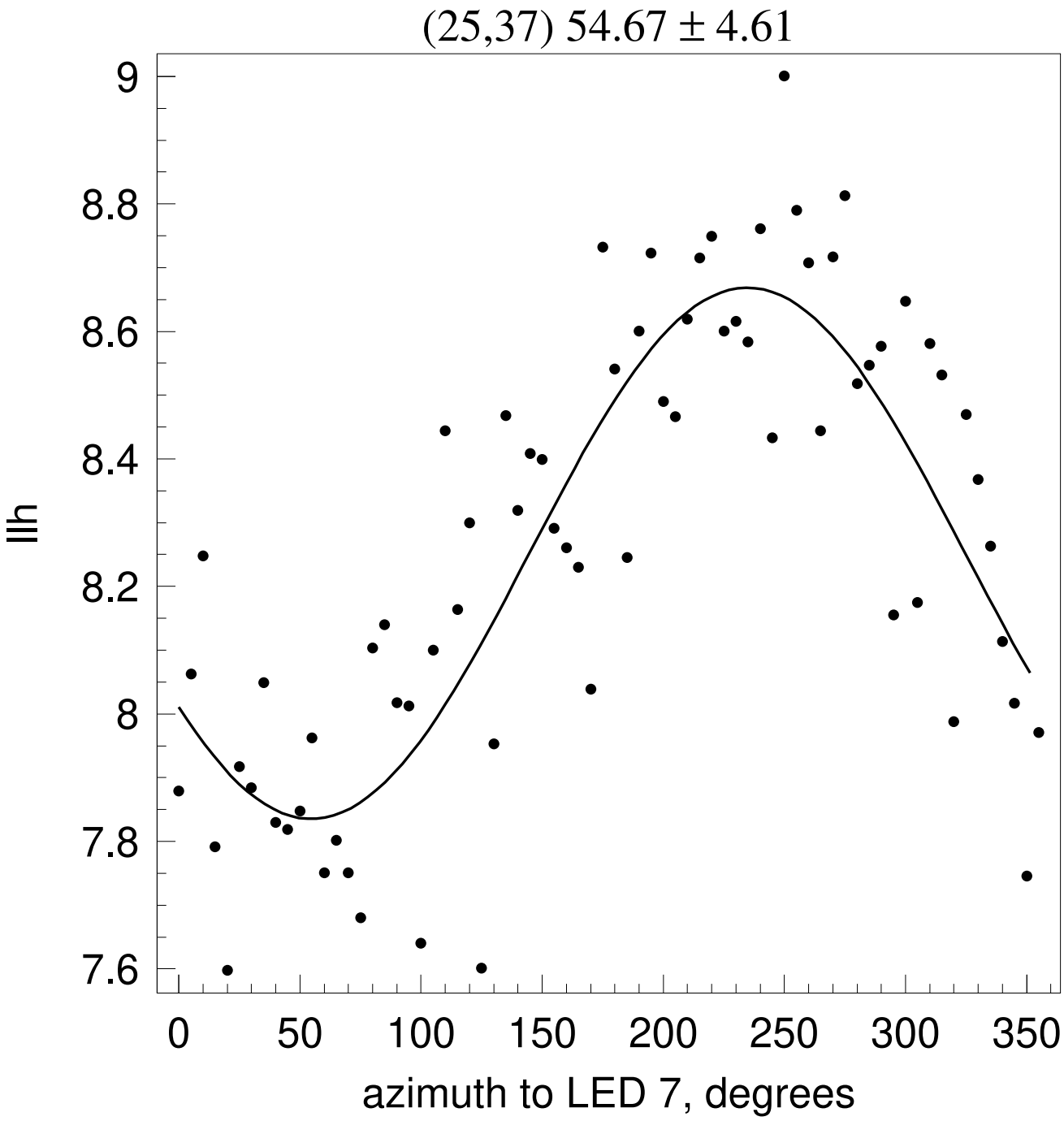

(25,32) 273.53 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

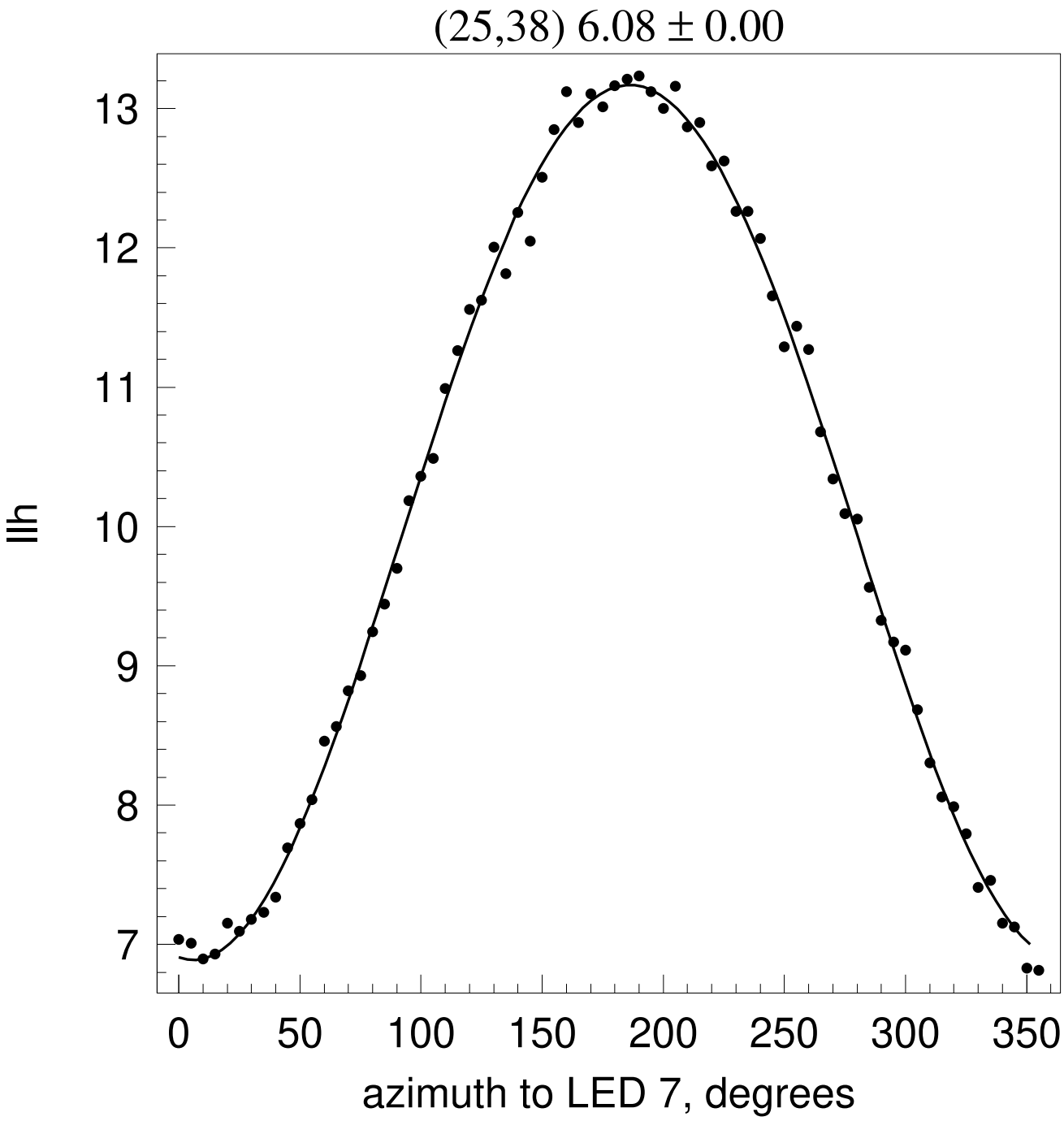

(25,33) 344.92 ± 0.49
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

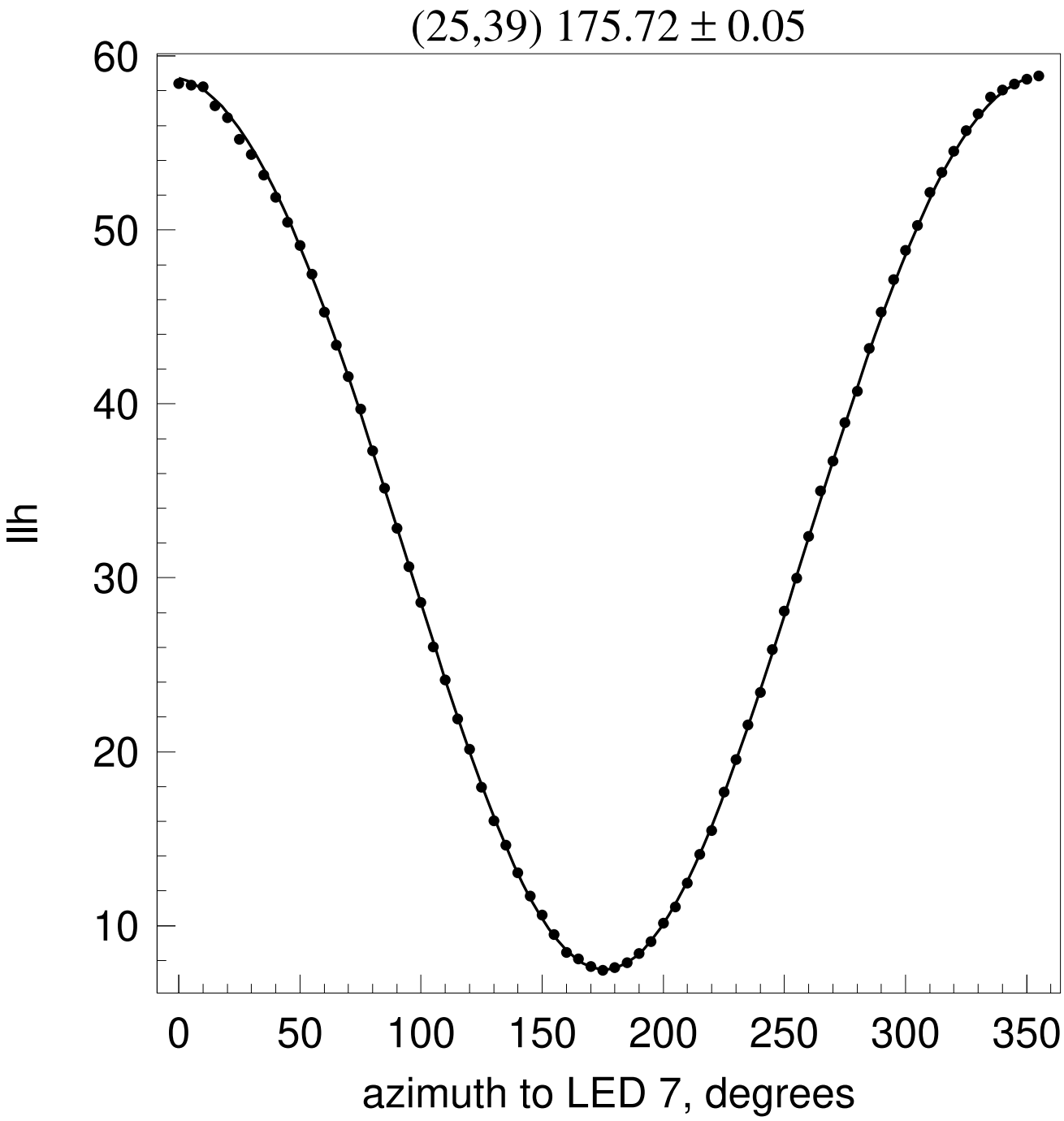

(25,34) 20.19 ± 1.40
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

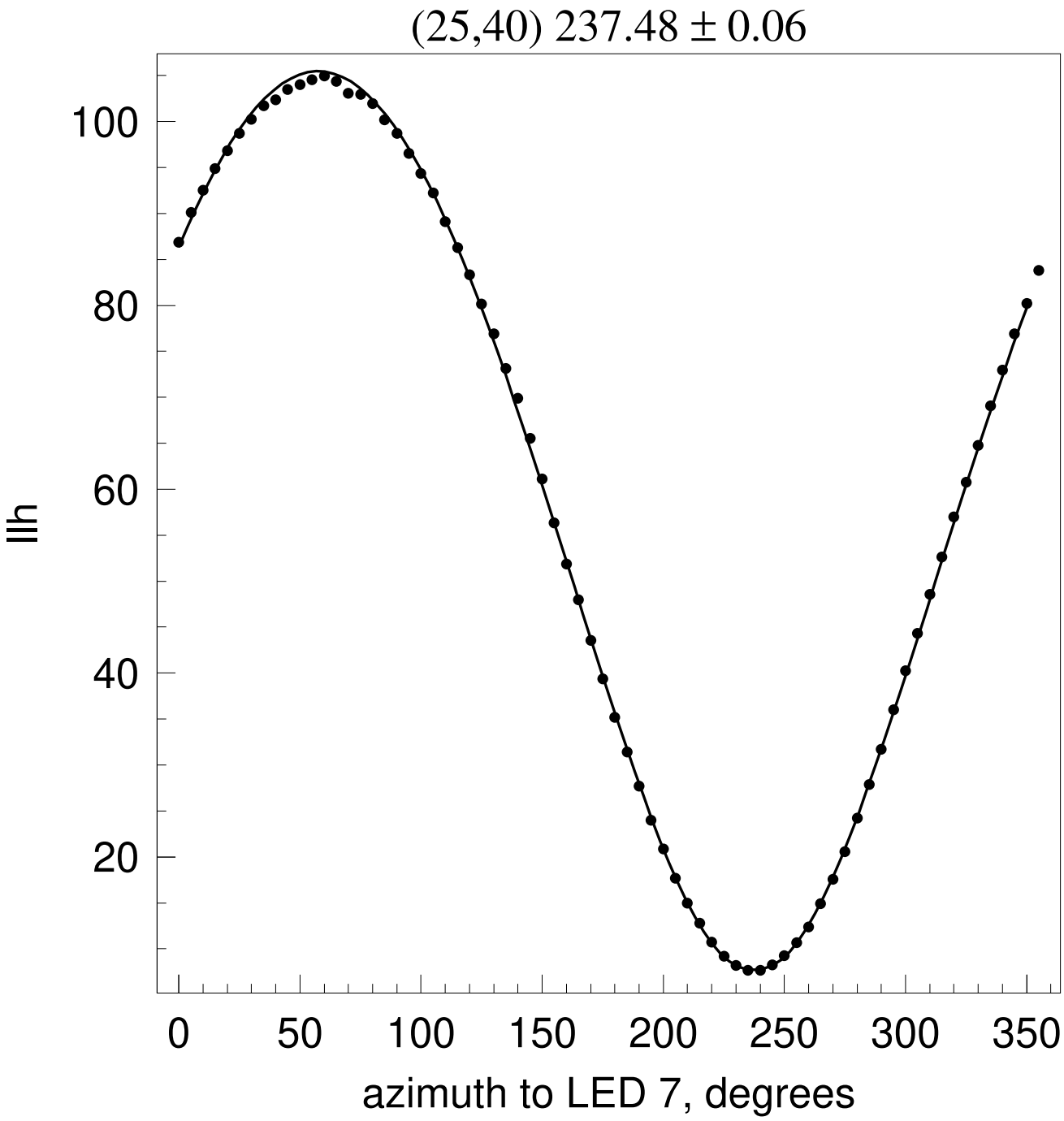

(25,35) 175.96 ± 0.03
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

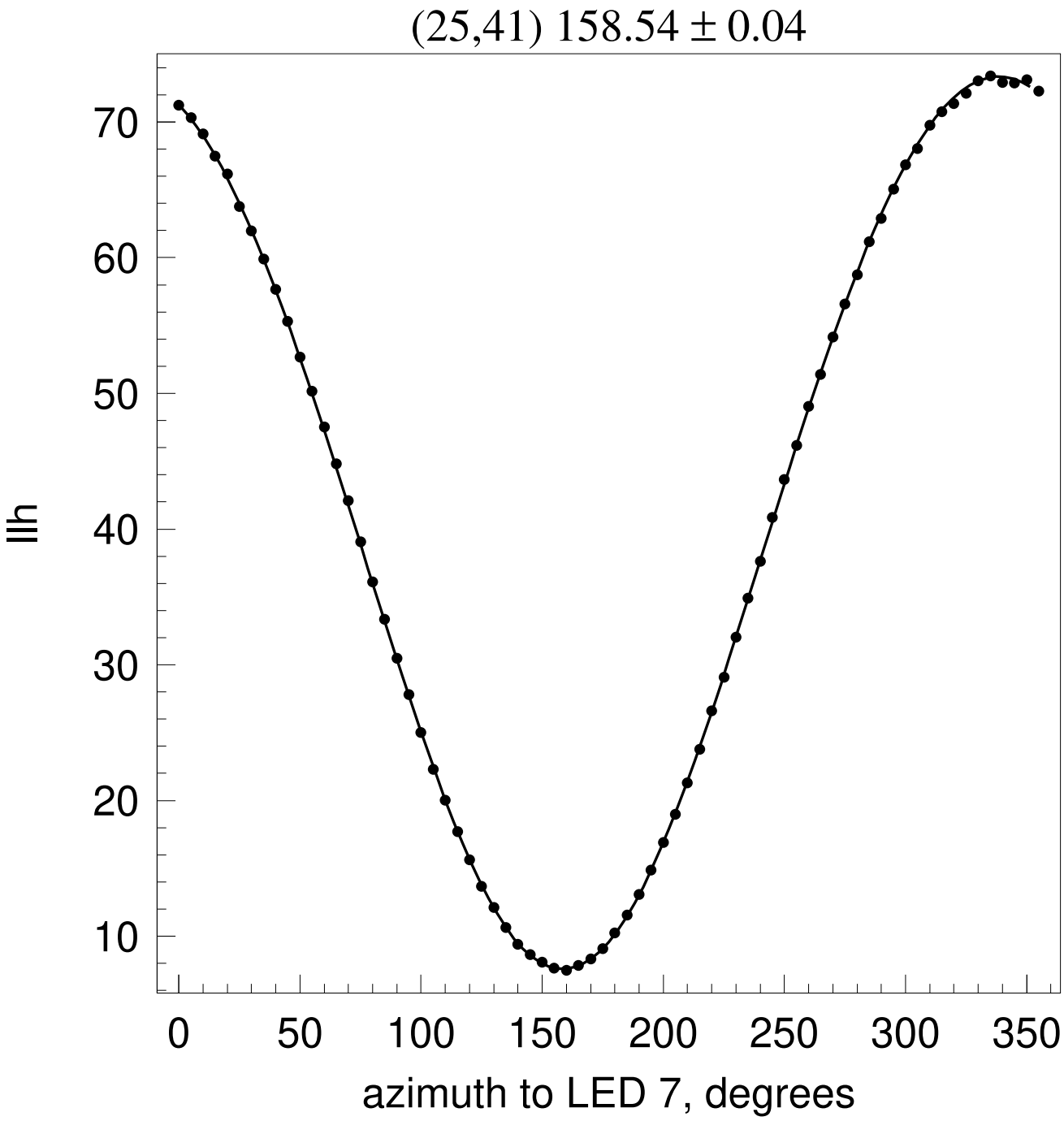

(25,36) 189.96 ± 112.72
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

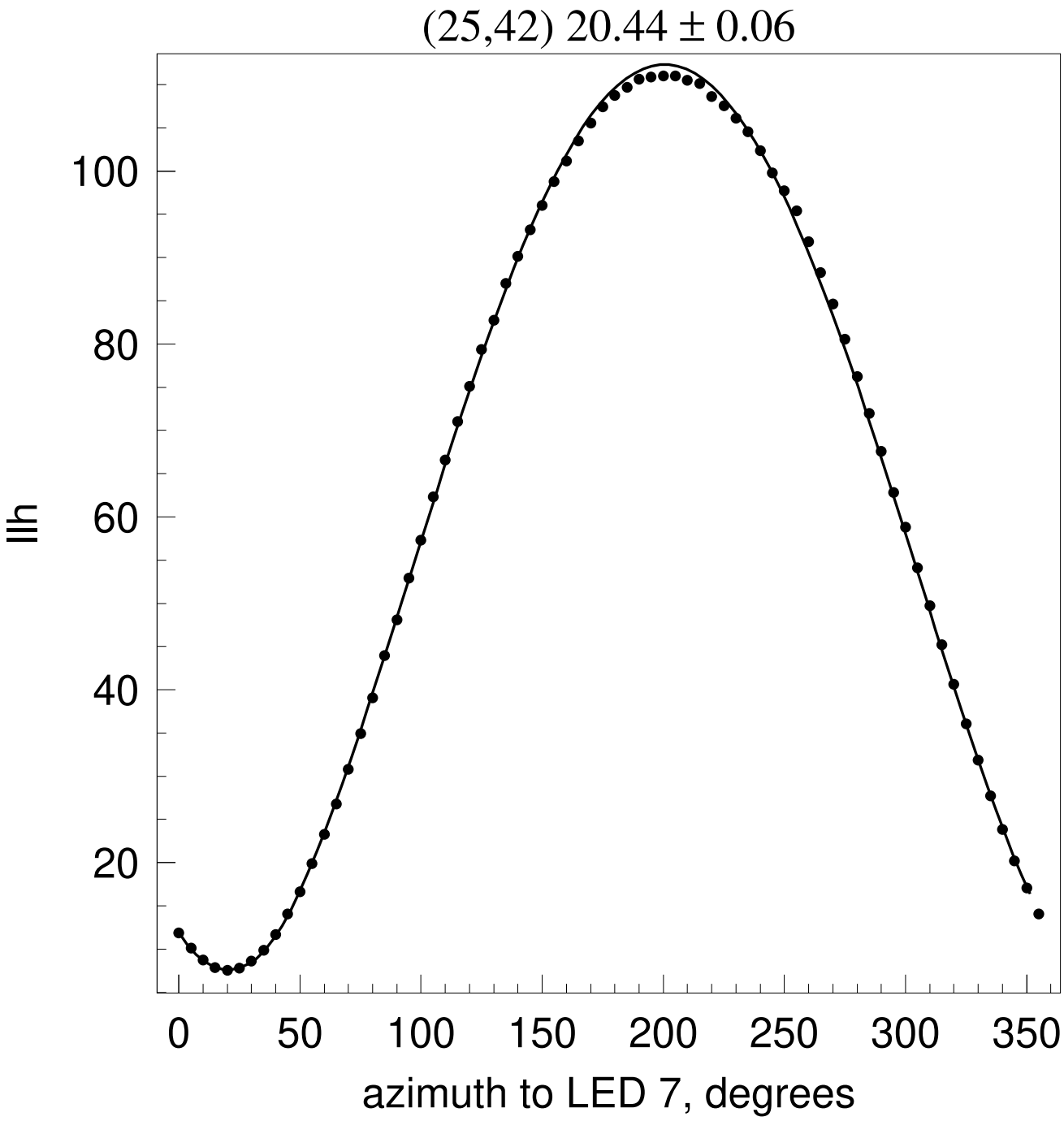

(25,37) 54.67 ± 4.61
llh
9
8.8
8.6
8.4
8.2
8
7.8
7.6
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

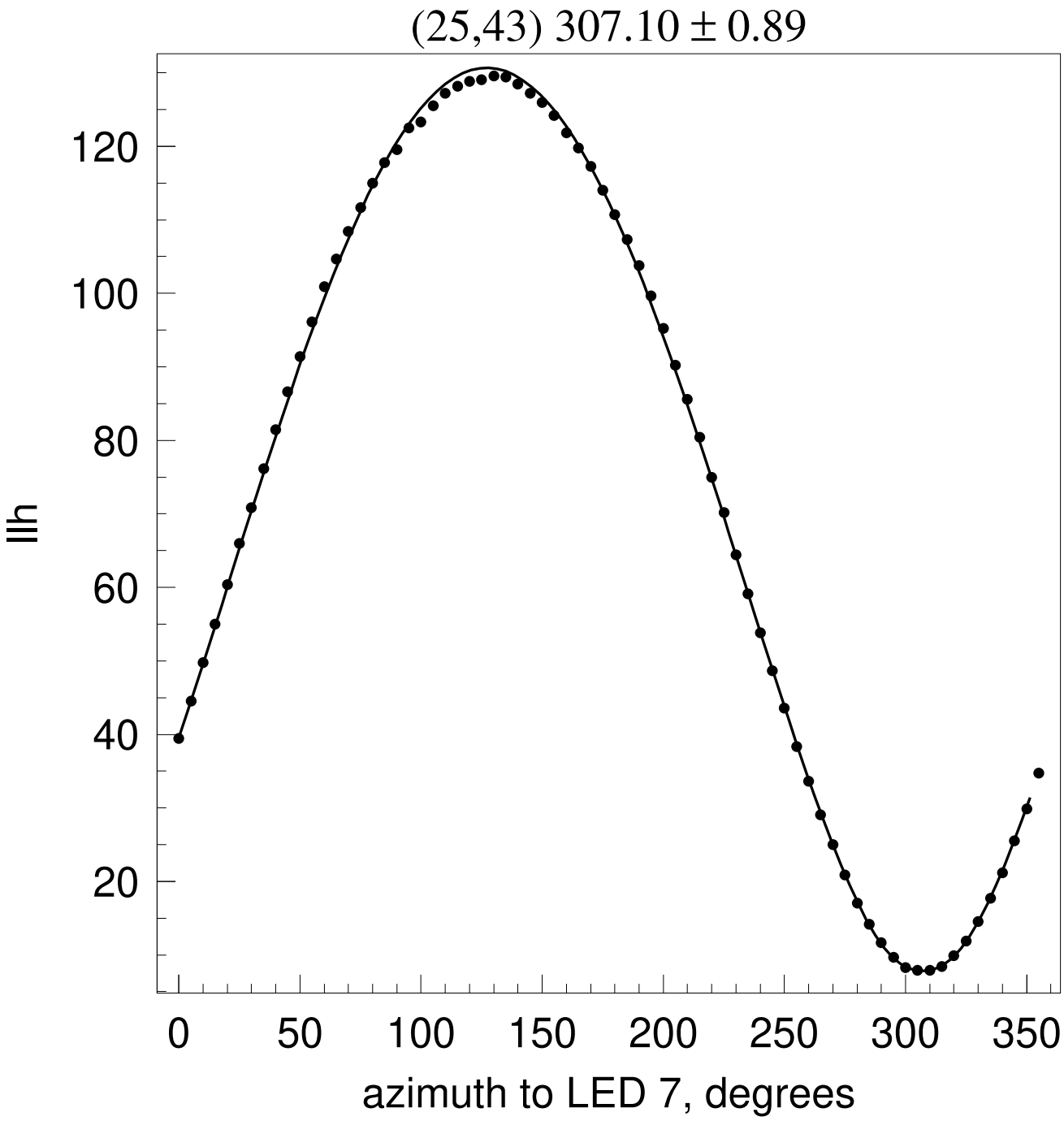

(25,38) 6.08 ± 0.00
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

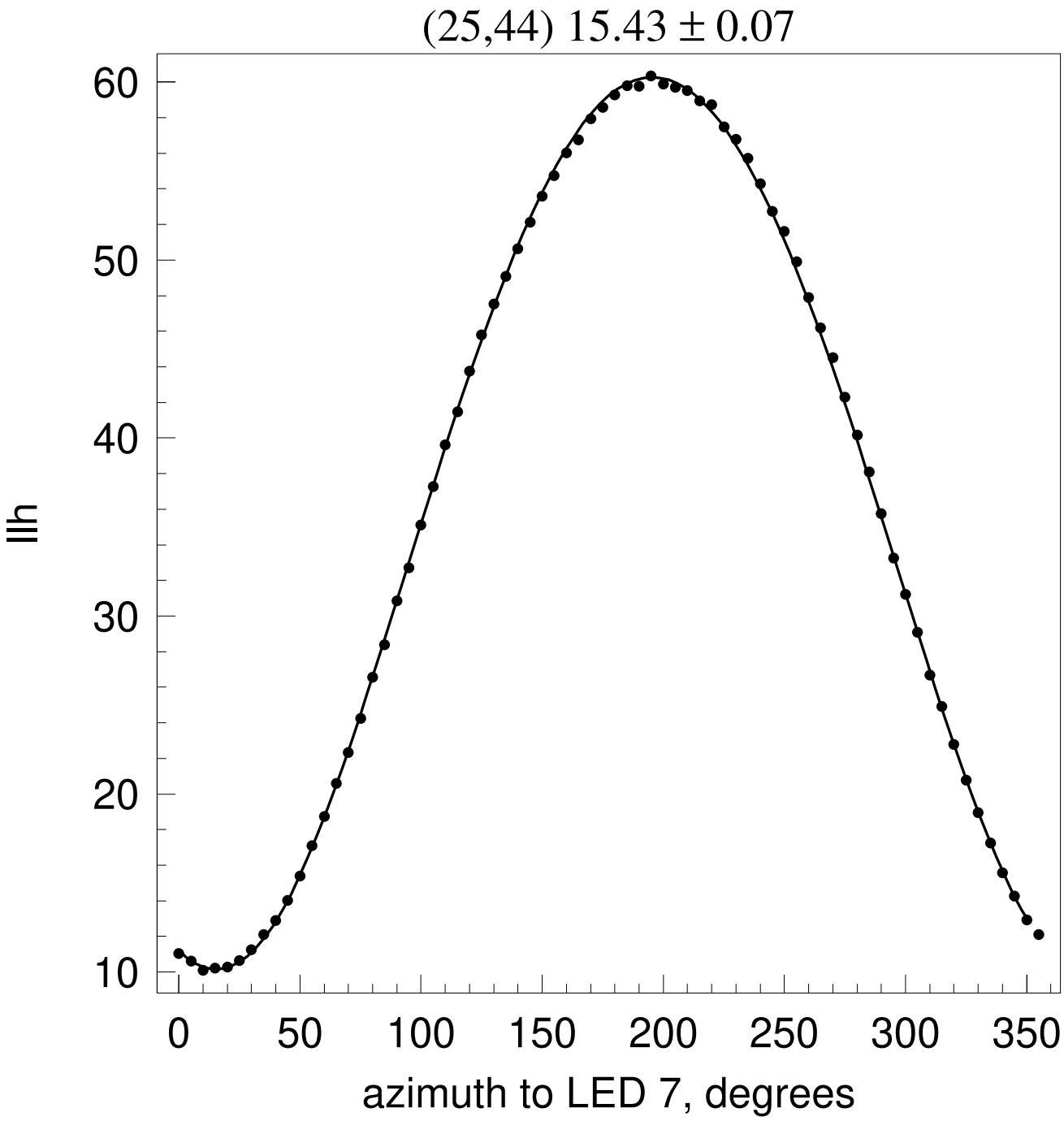

(25,39) 175.72 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

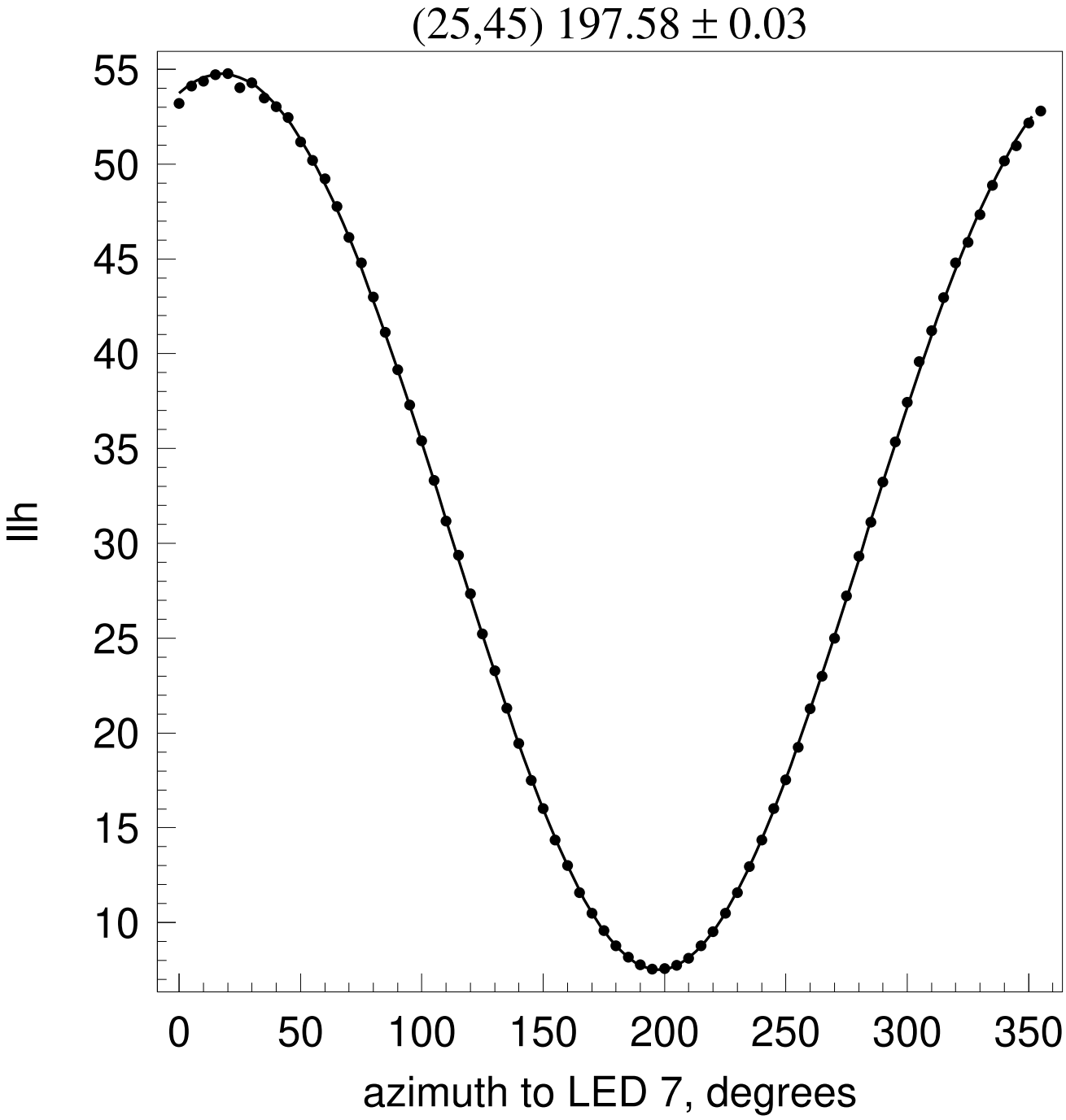

(25,40) 237.48 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

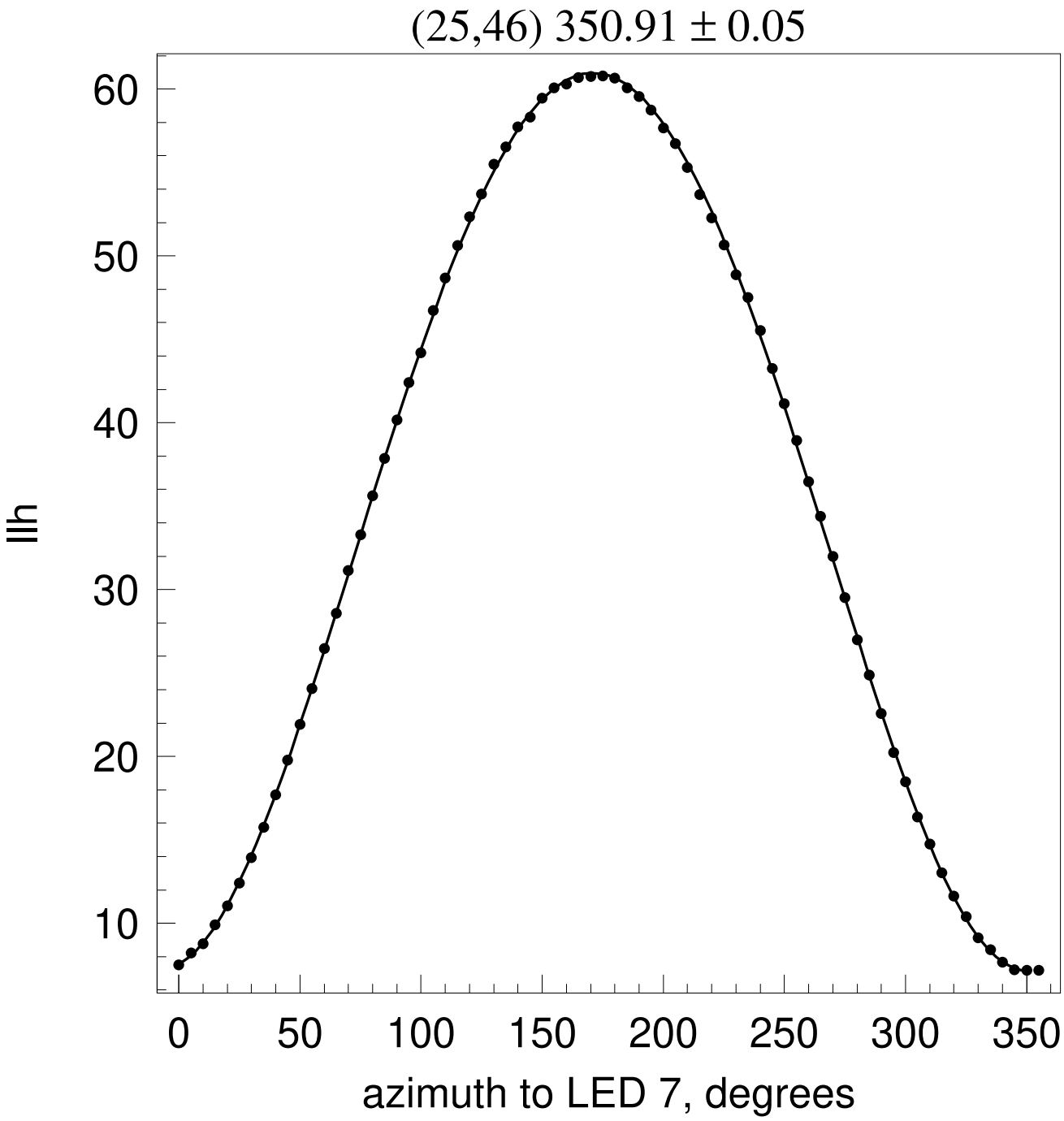

(25,41) 158.54 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

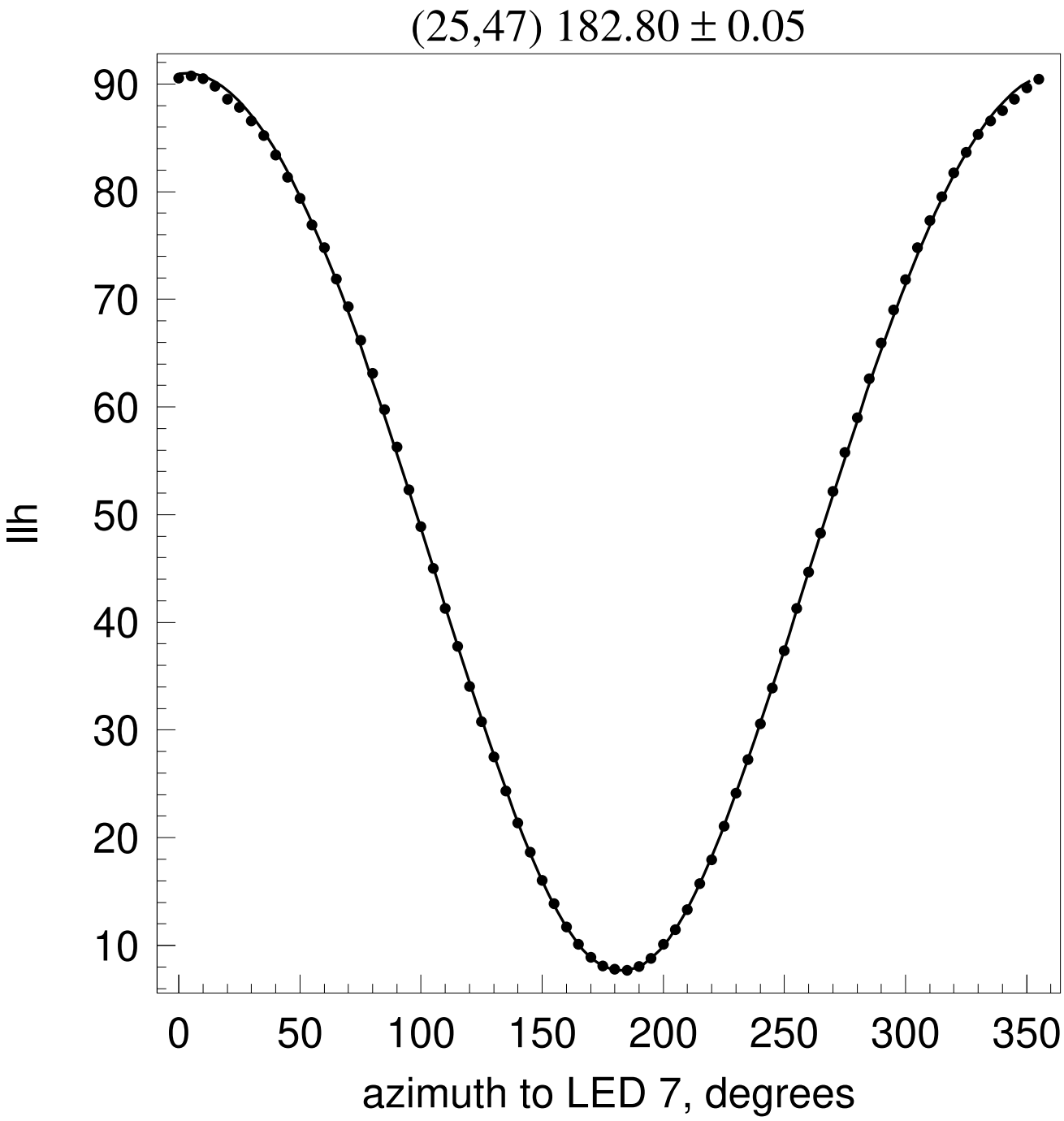

(25,42) 20.44 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

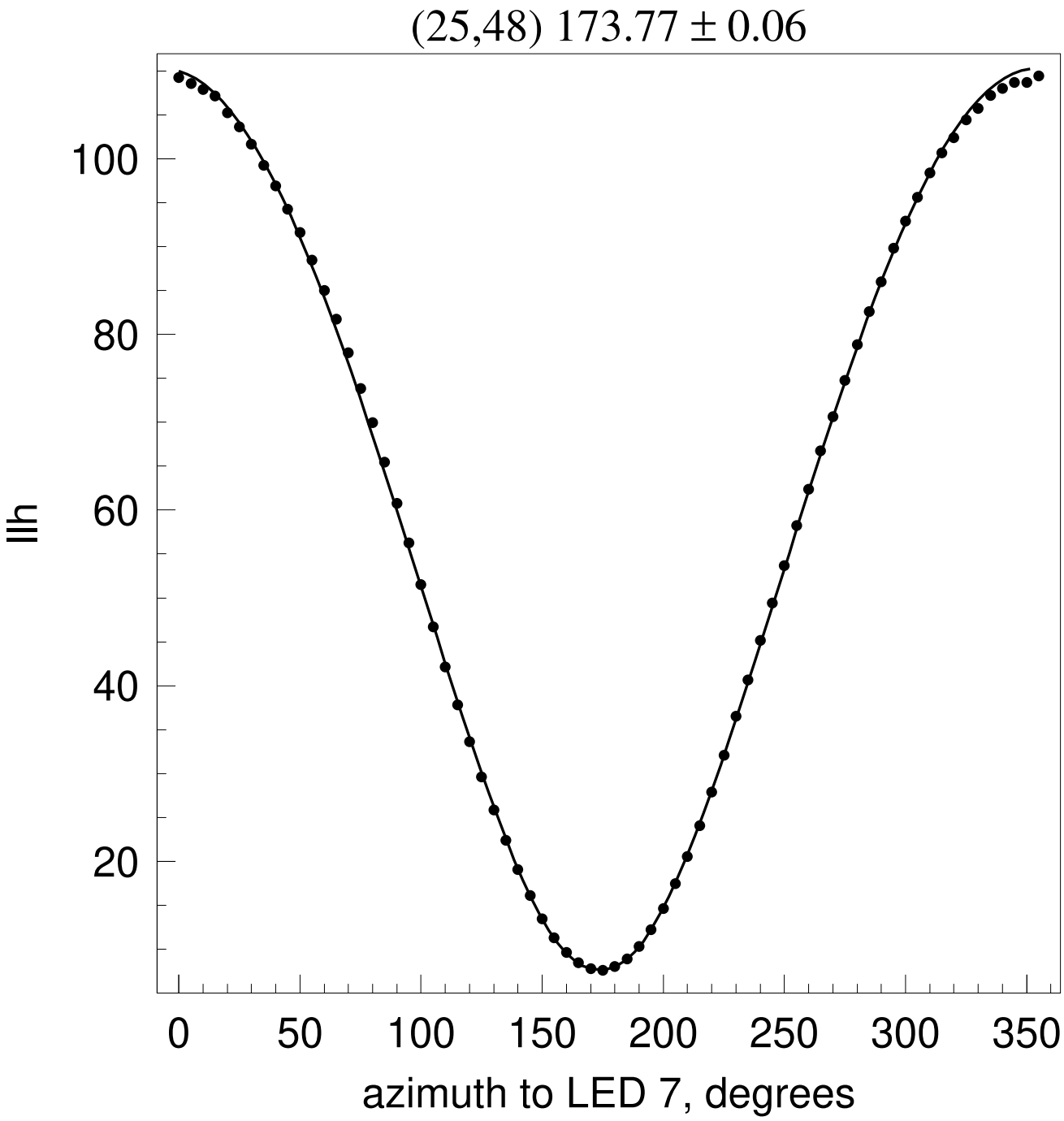

(25,43) 307.10 ± 0.89
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

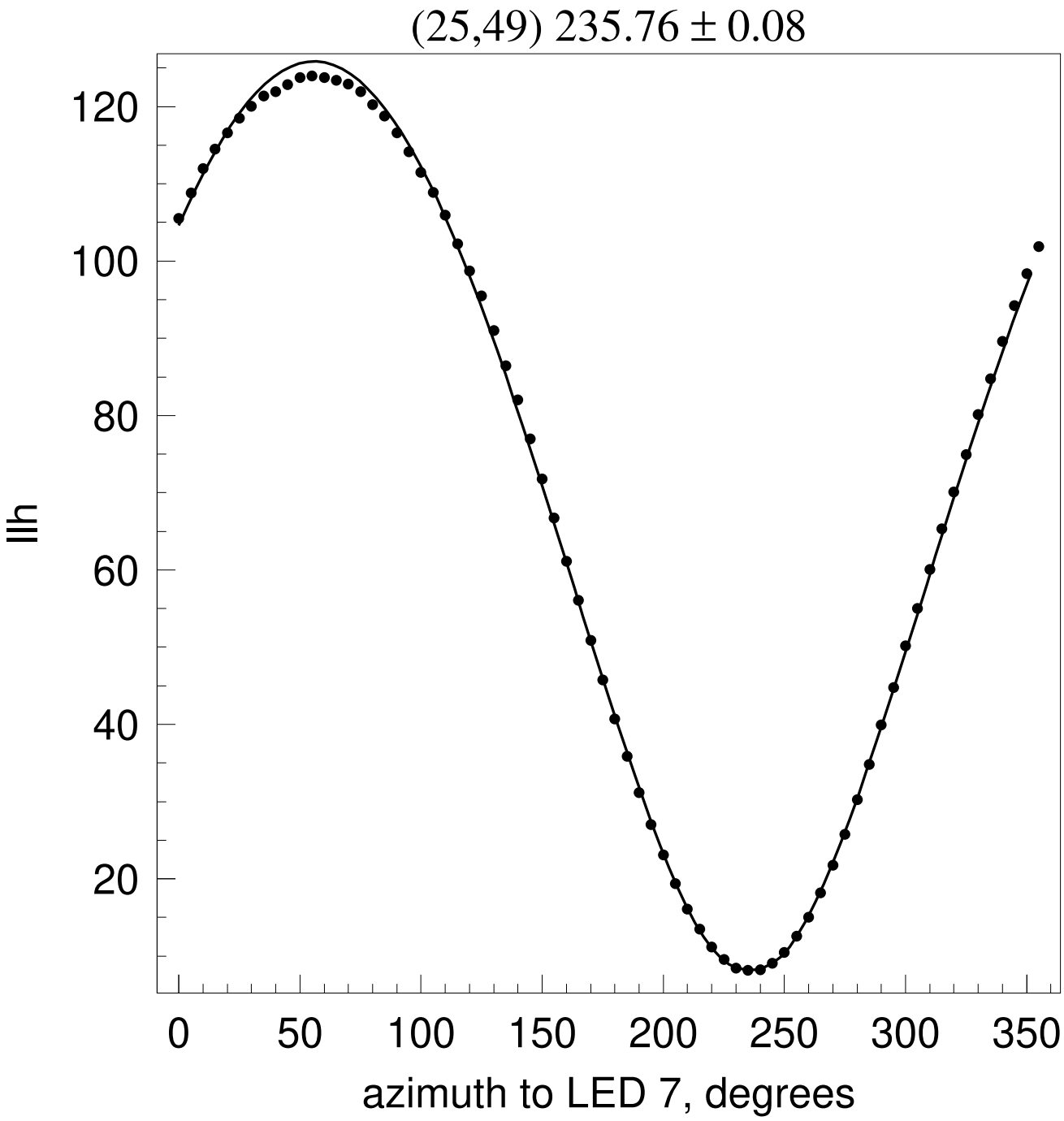

(25,44) 15.43 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

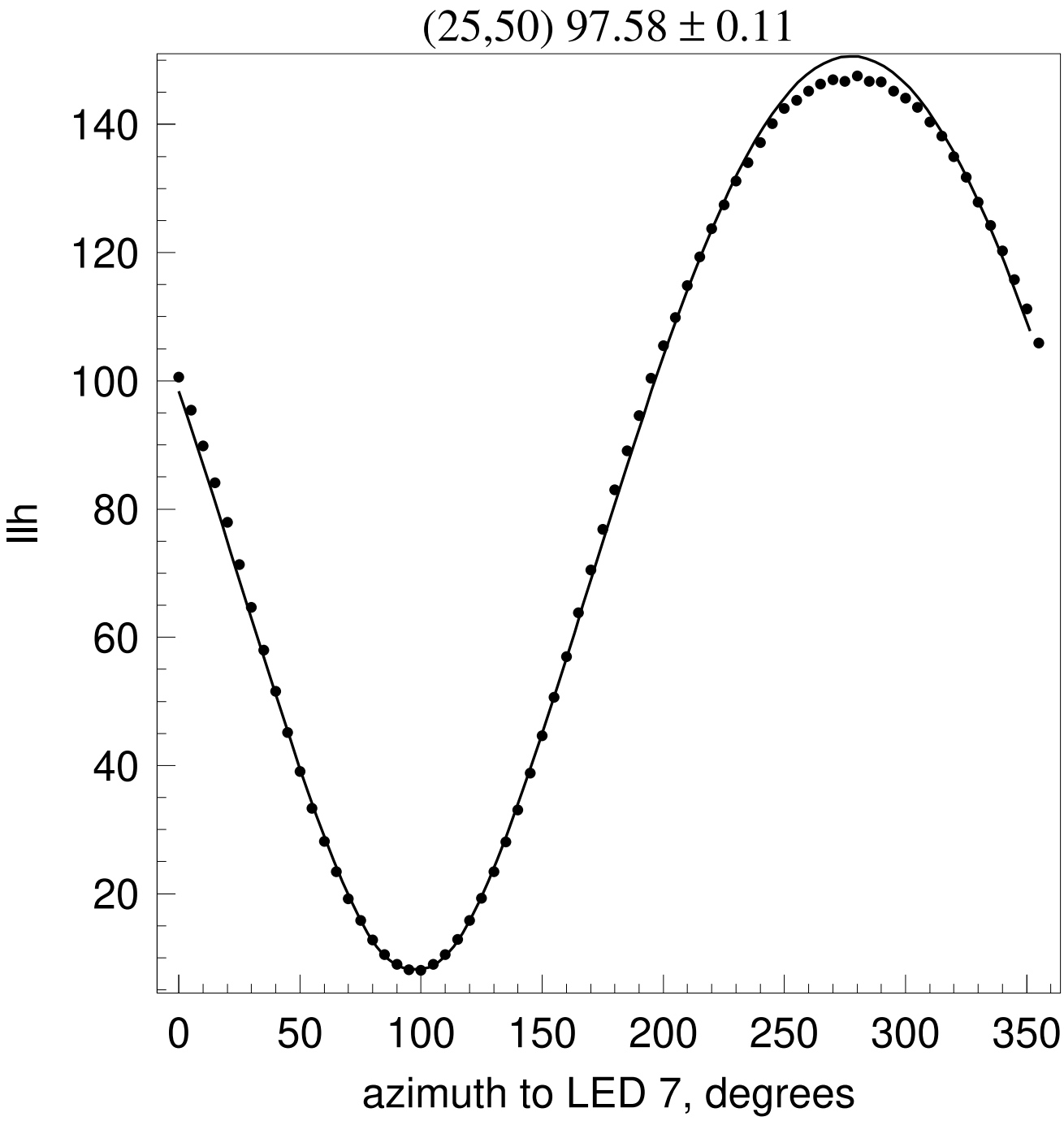

(25,45) 197.58 ± 0.03
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

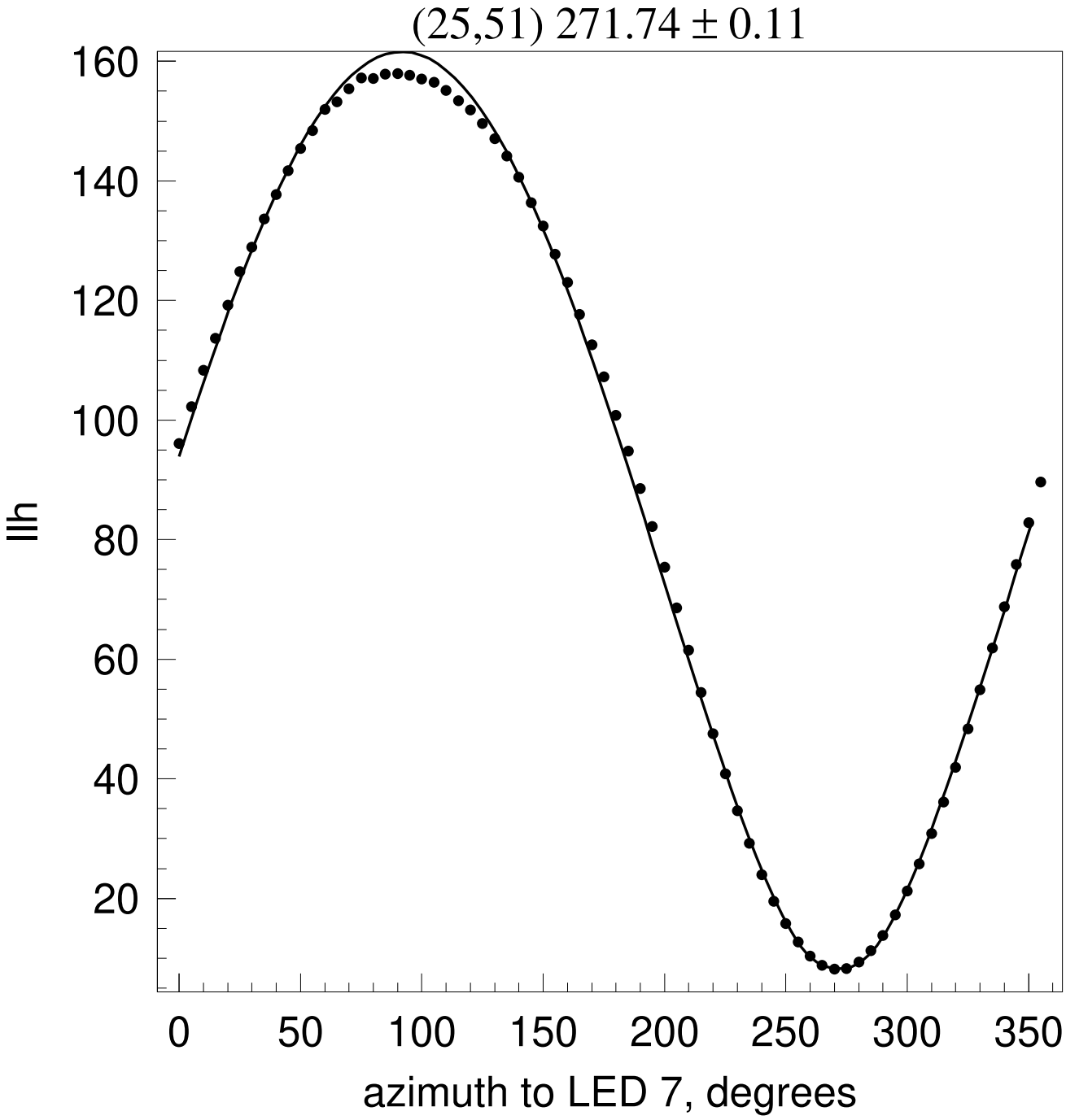

(25,46) 350.91 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

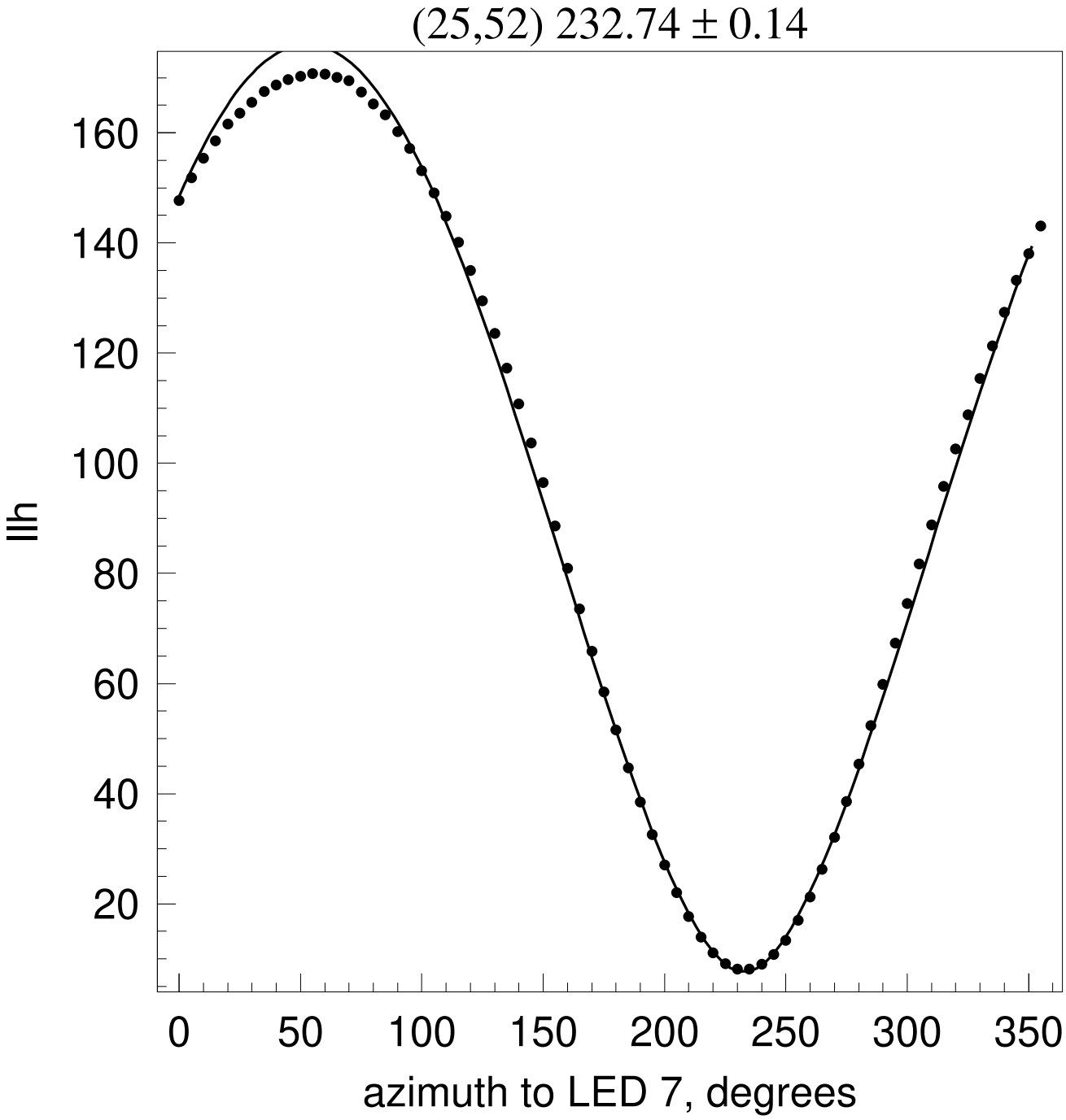

(25,47) 182.80 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

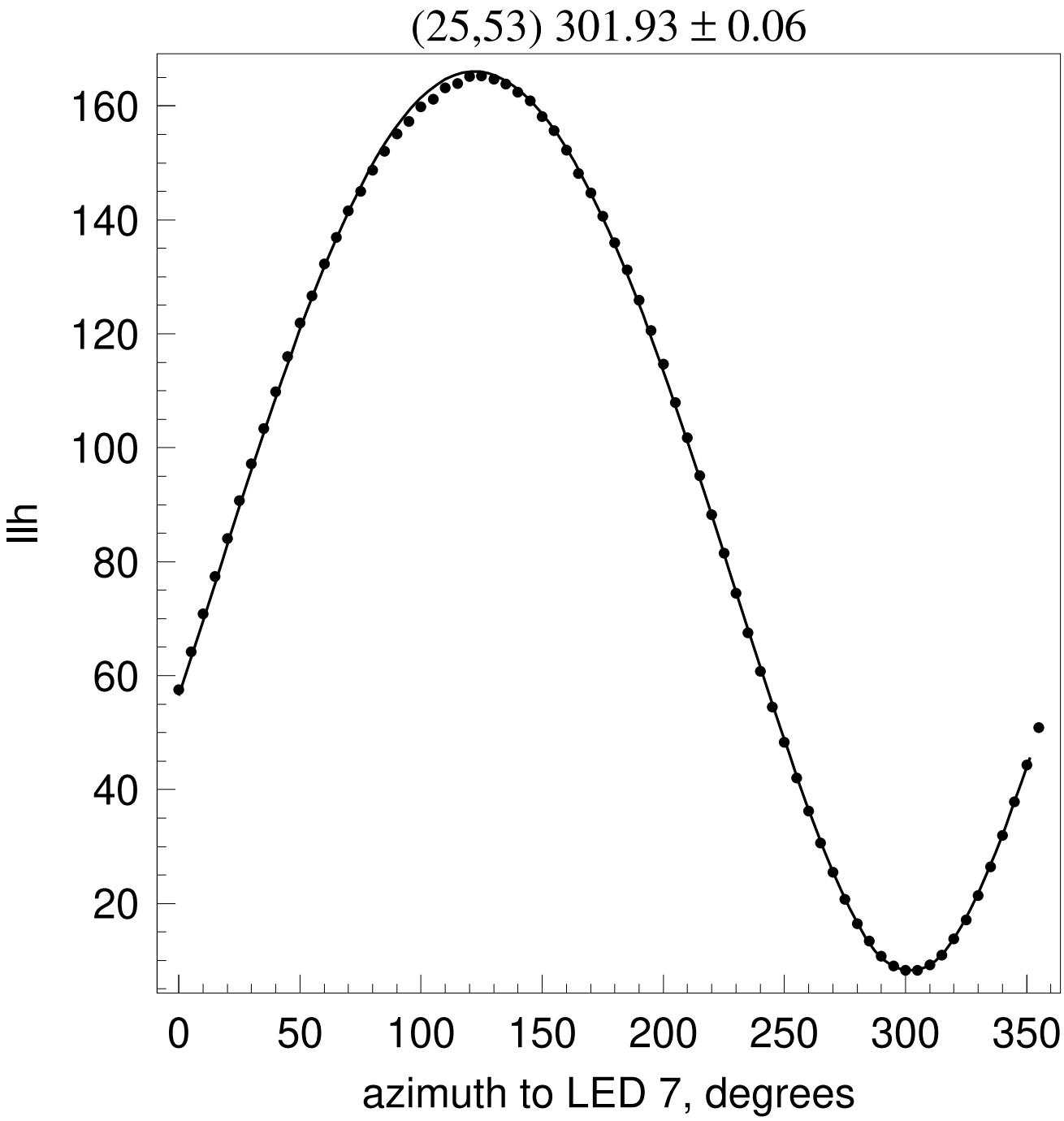

(25,48) 173.77 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

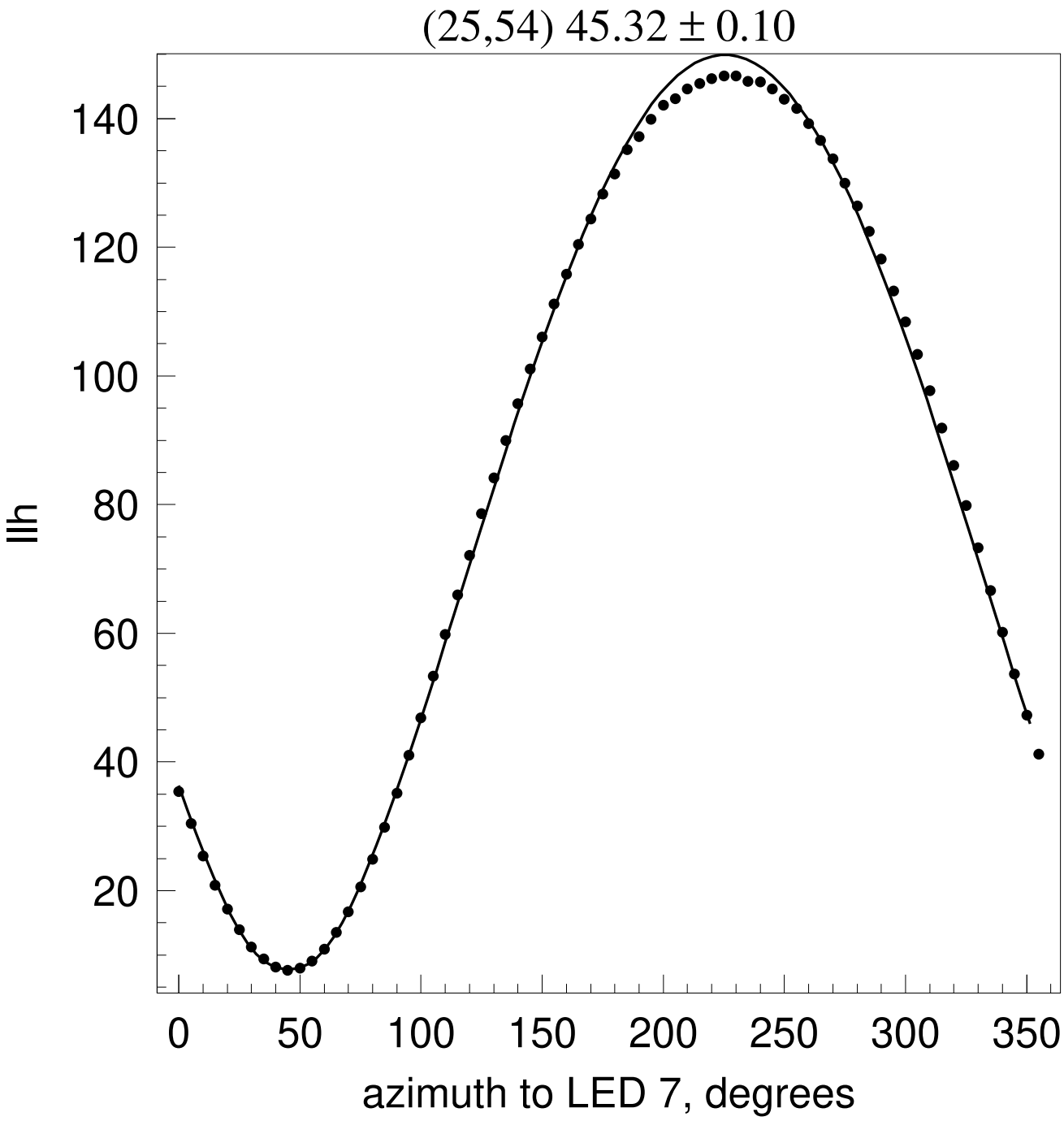

(25,49) 235.76 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

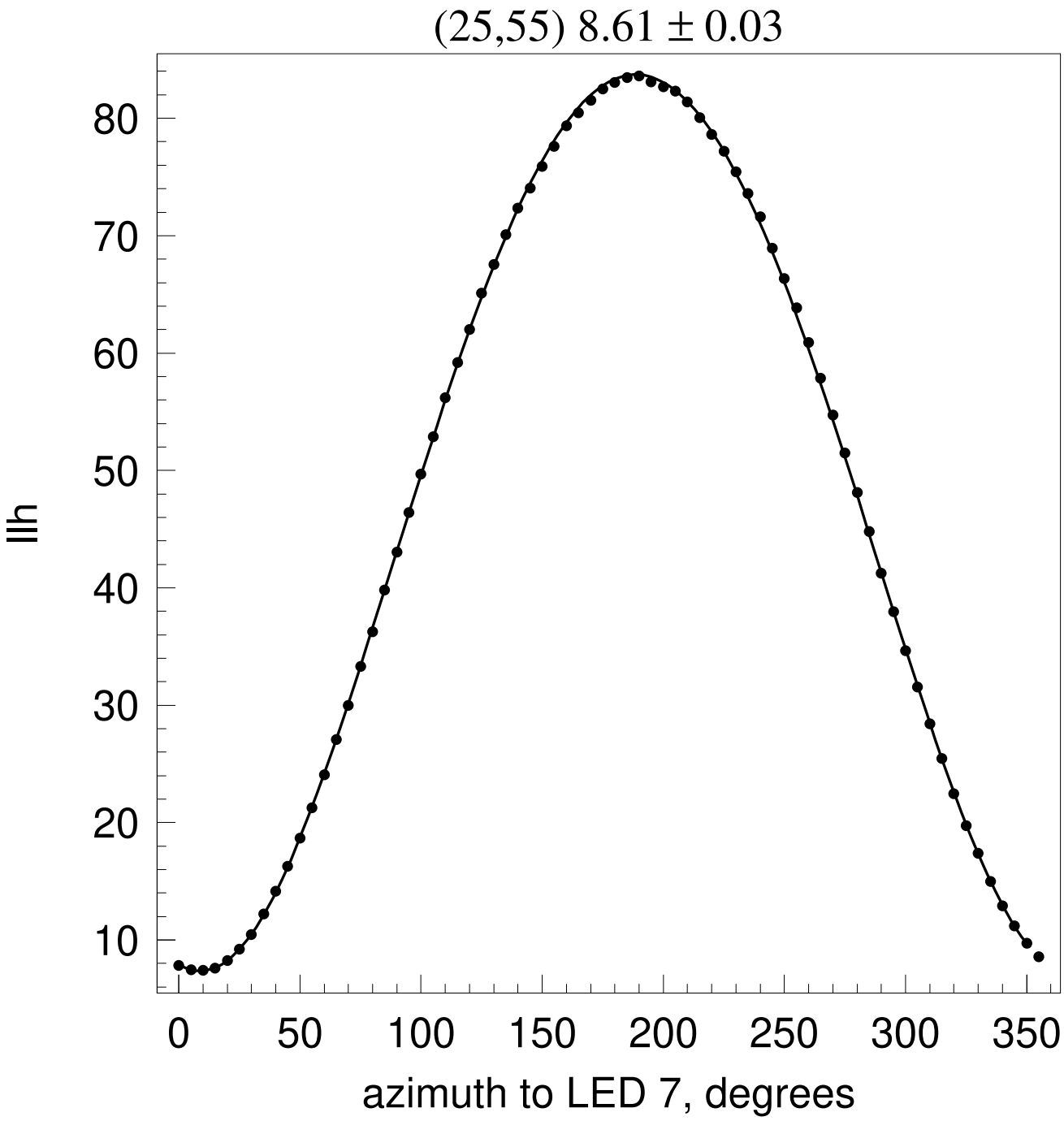

(25,50) 97.58 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

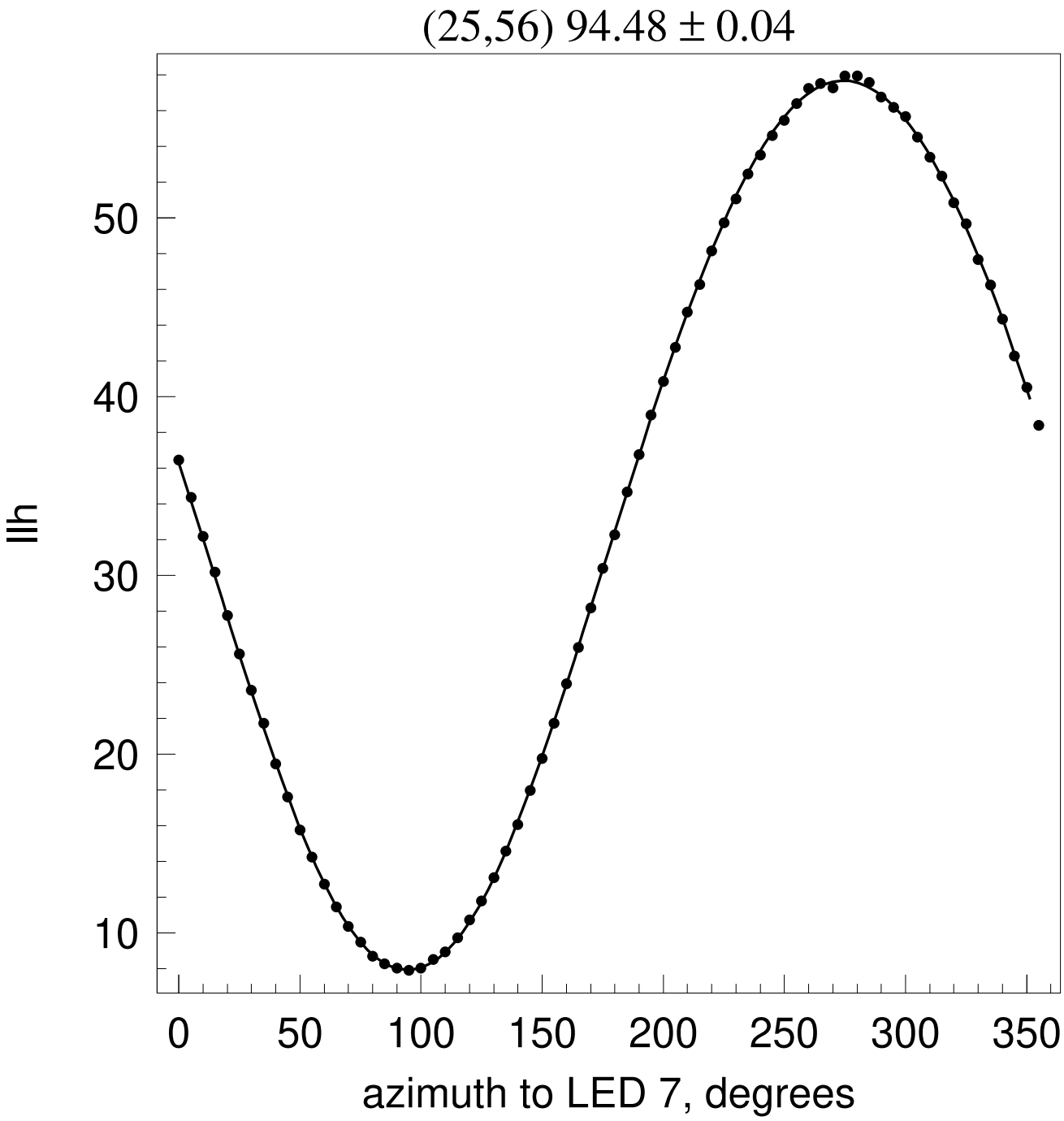

(25,51) 271.74 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

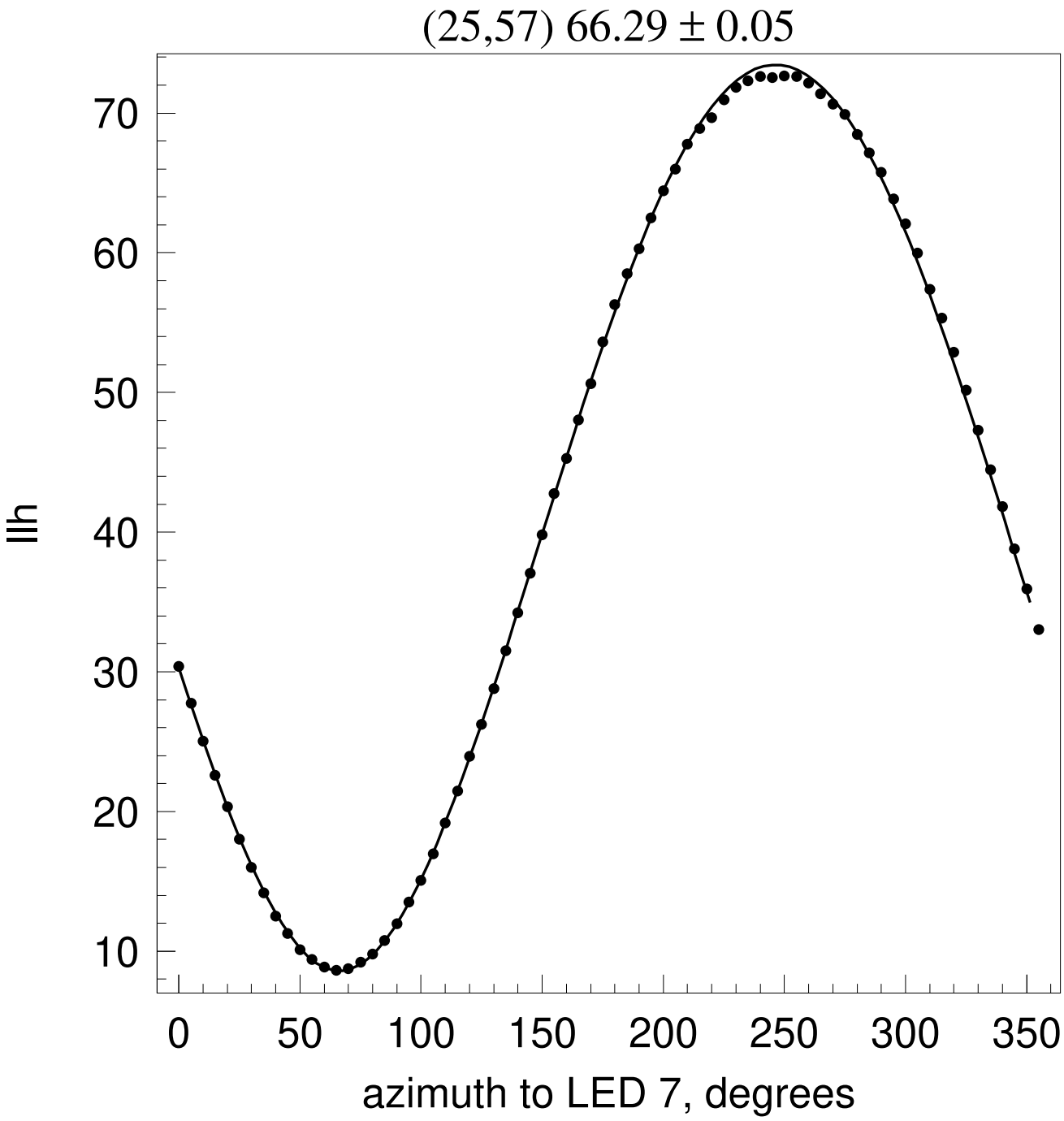

(25,52) 232.74 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

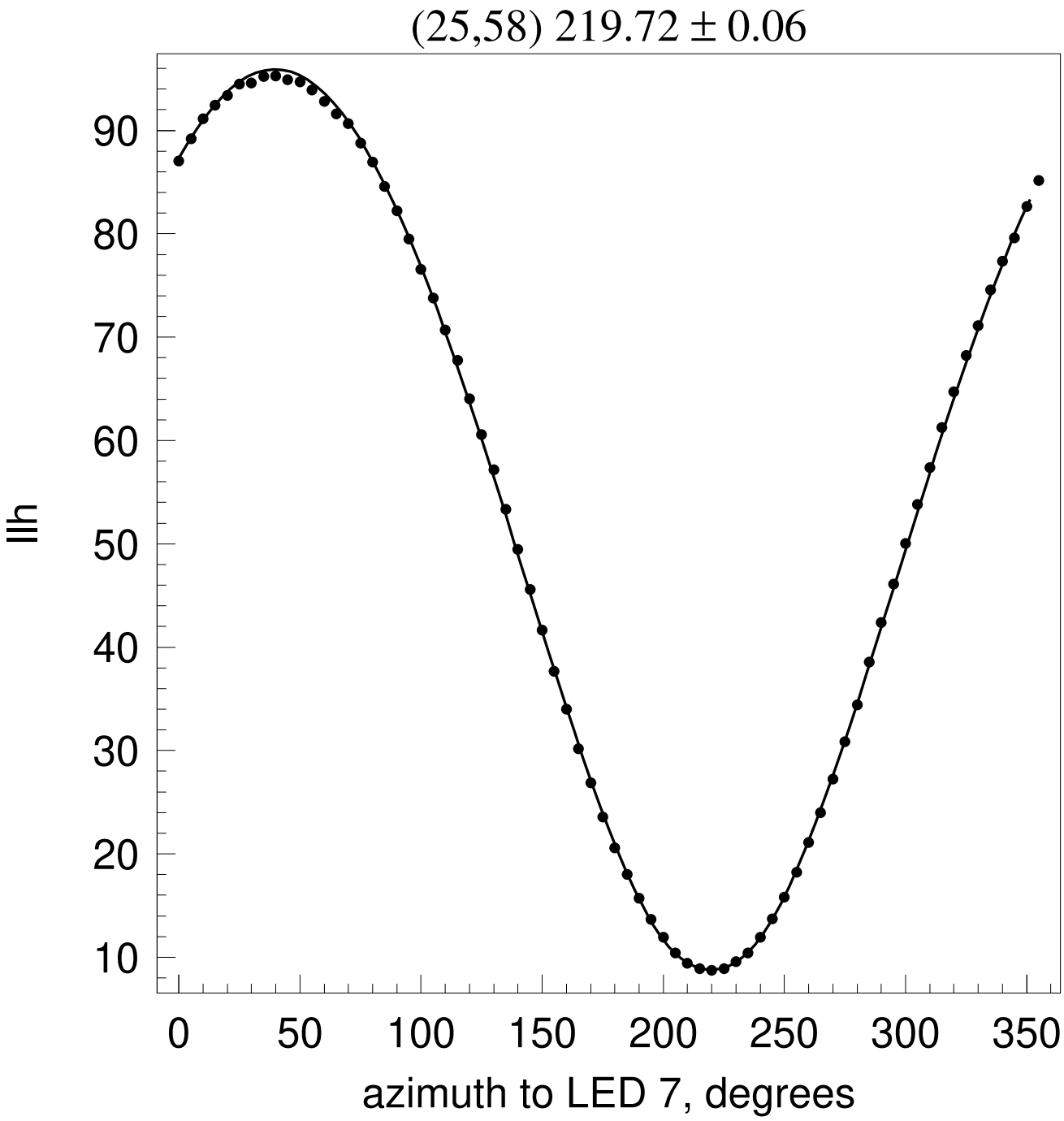

(25,53) 301.93 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

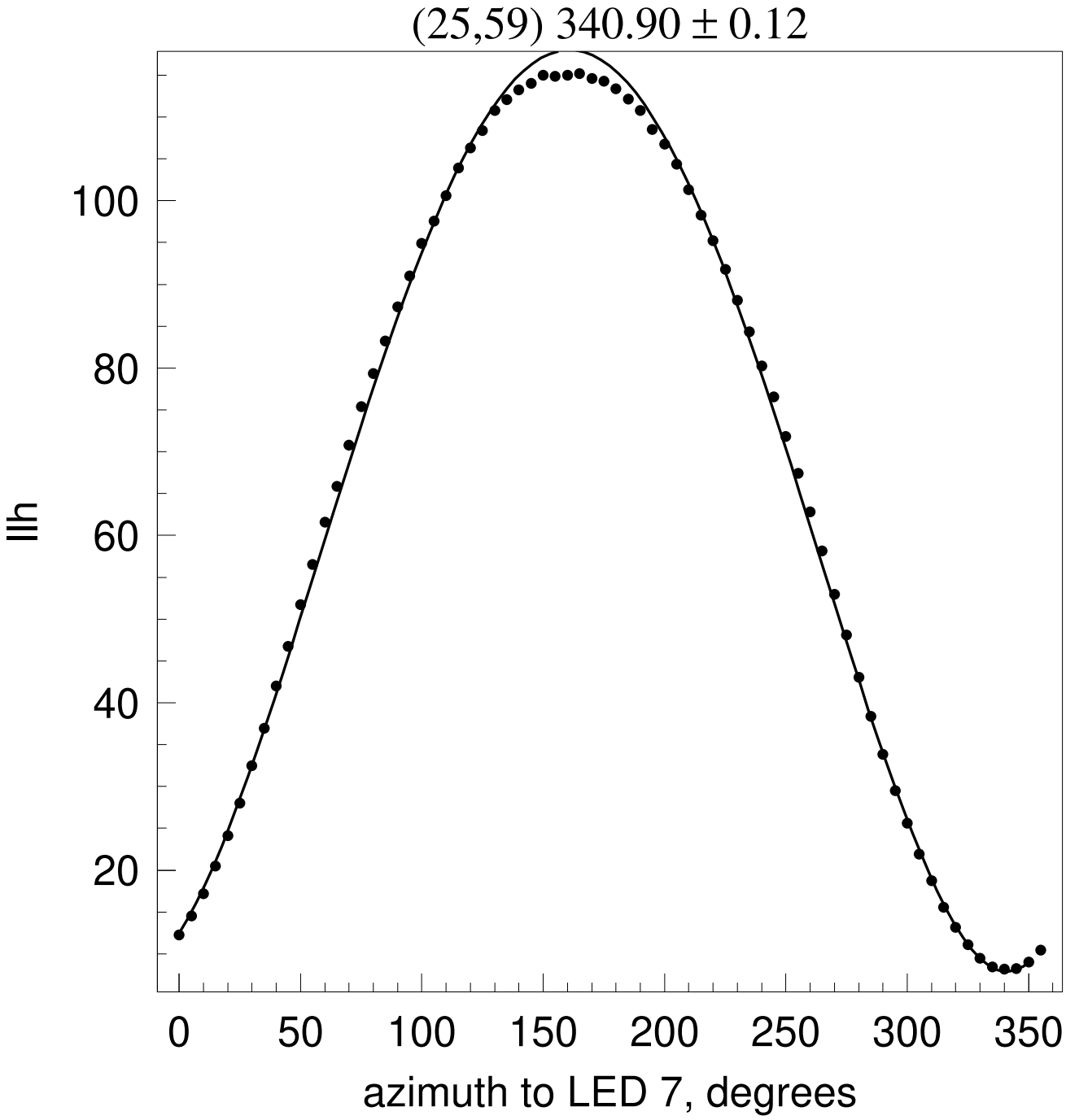

(25,54) 45.32 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

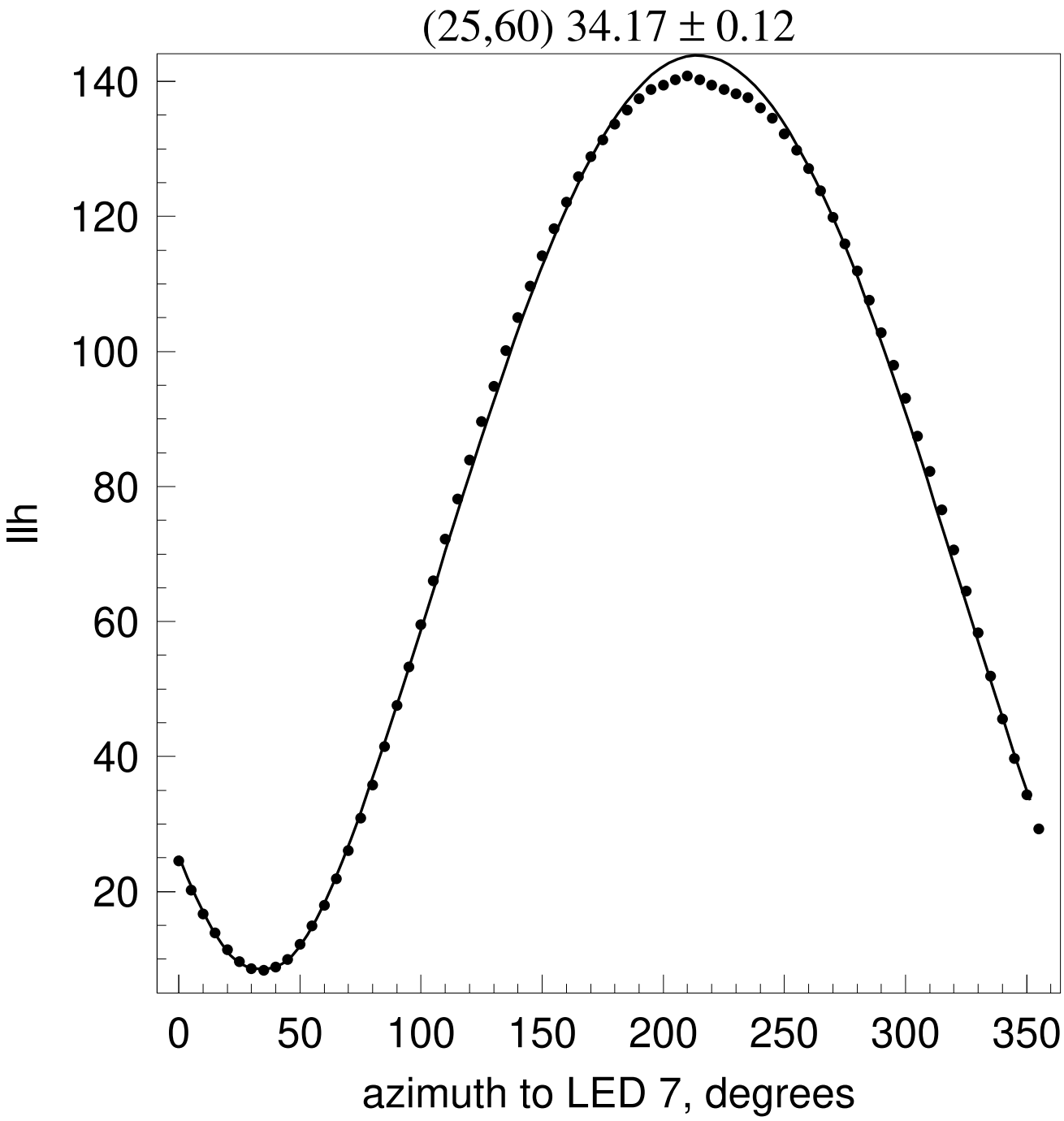

(25,55) 8.61 ± 0.03
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

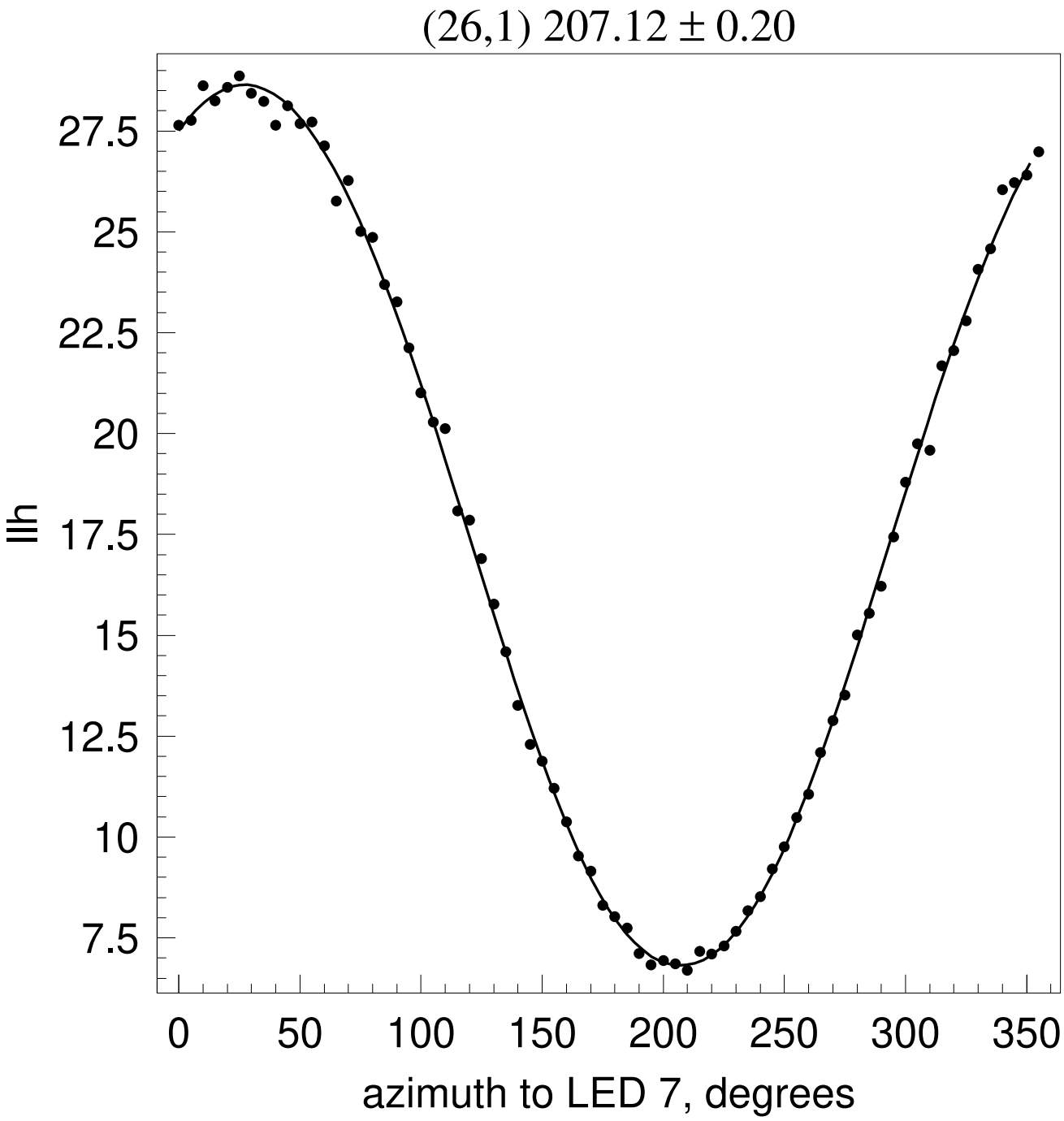

(25,56) 94.48 ± 0.04
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

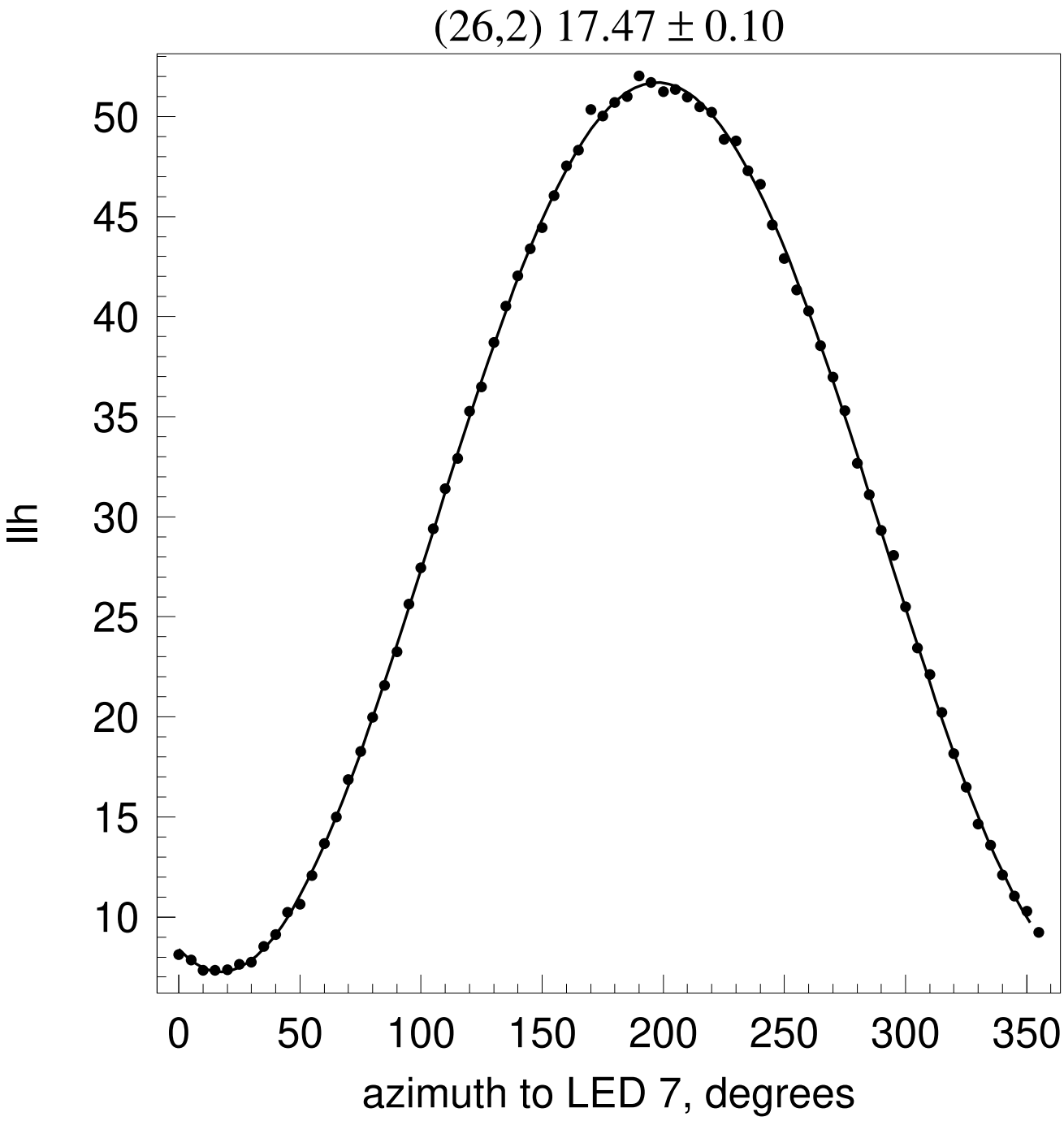

(25,57) 66.29 ± 0.05
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

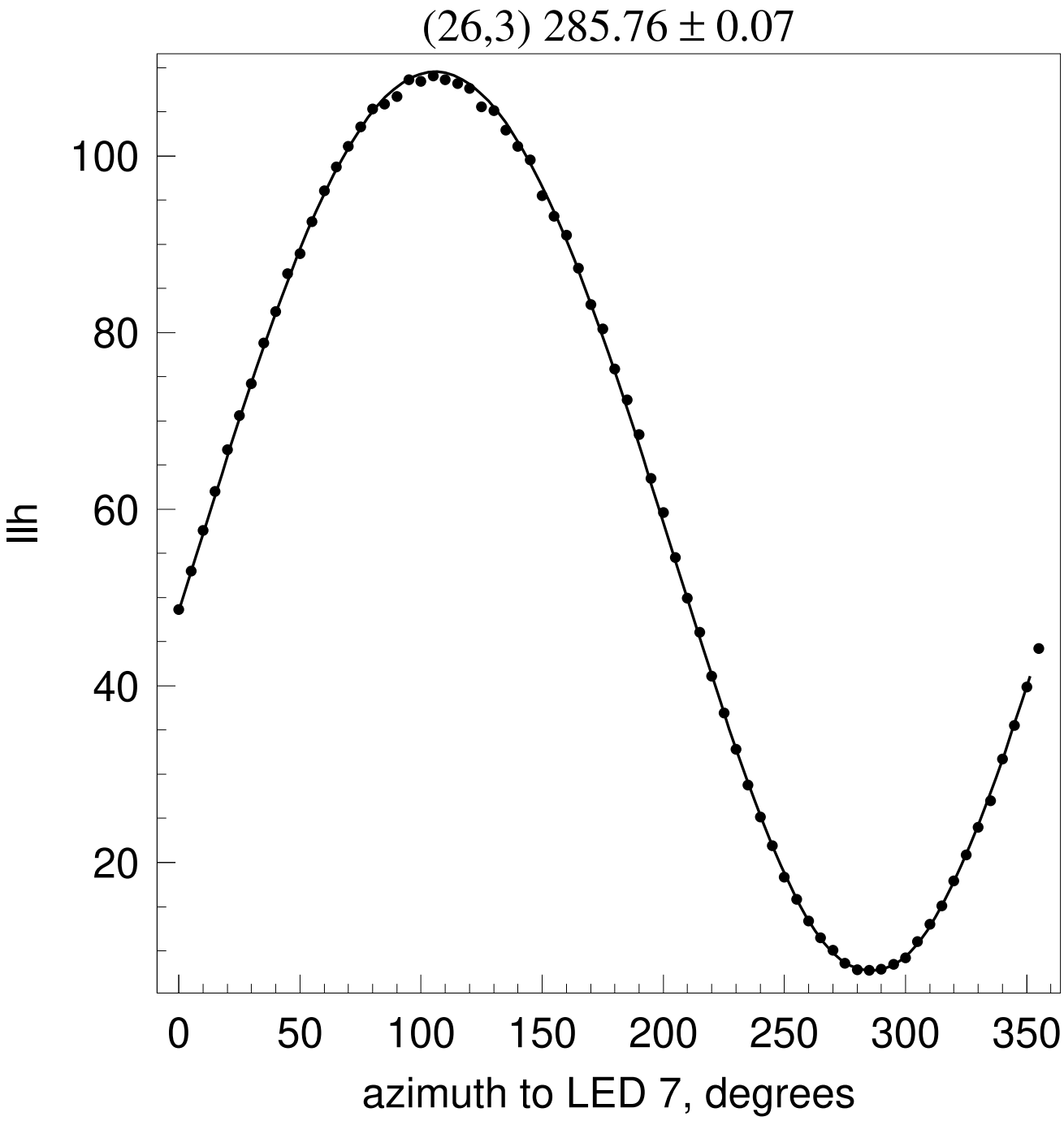

(25,58) 219.72 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

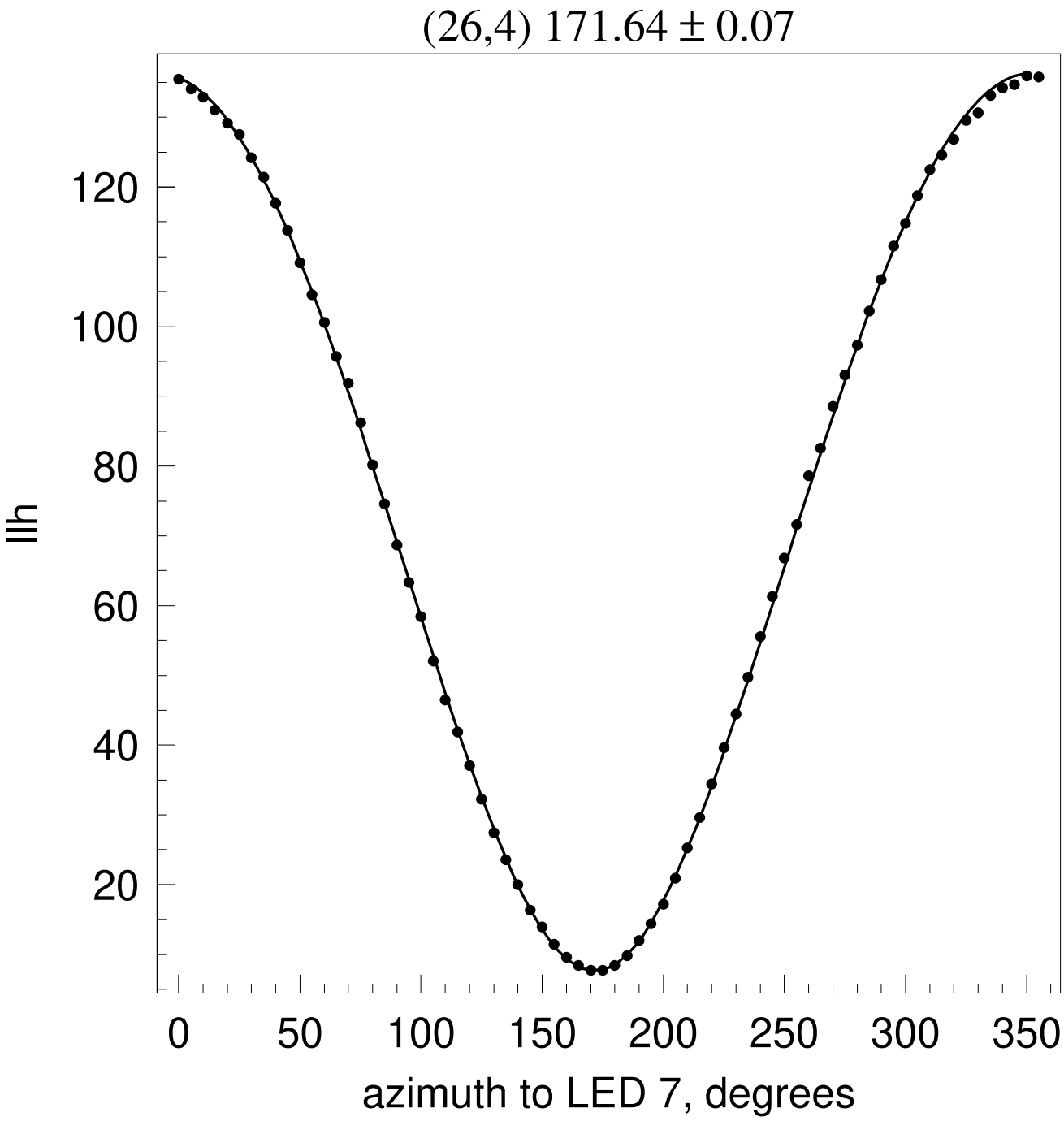

(25,59) 340.90 ± 0.12
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

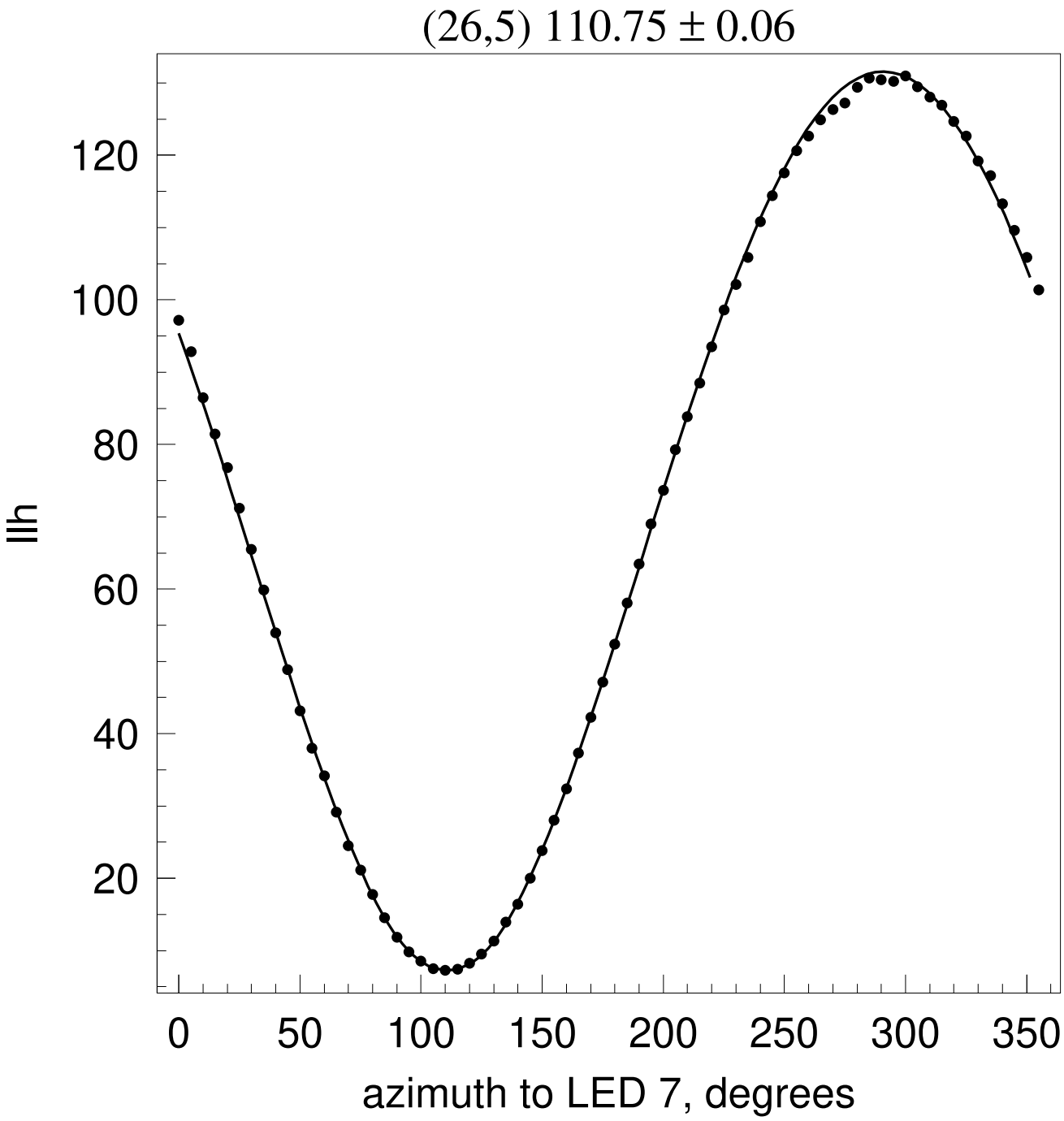

(25,60) 34.17 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

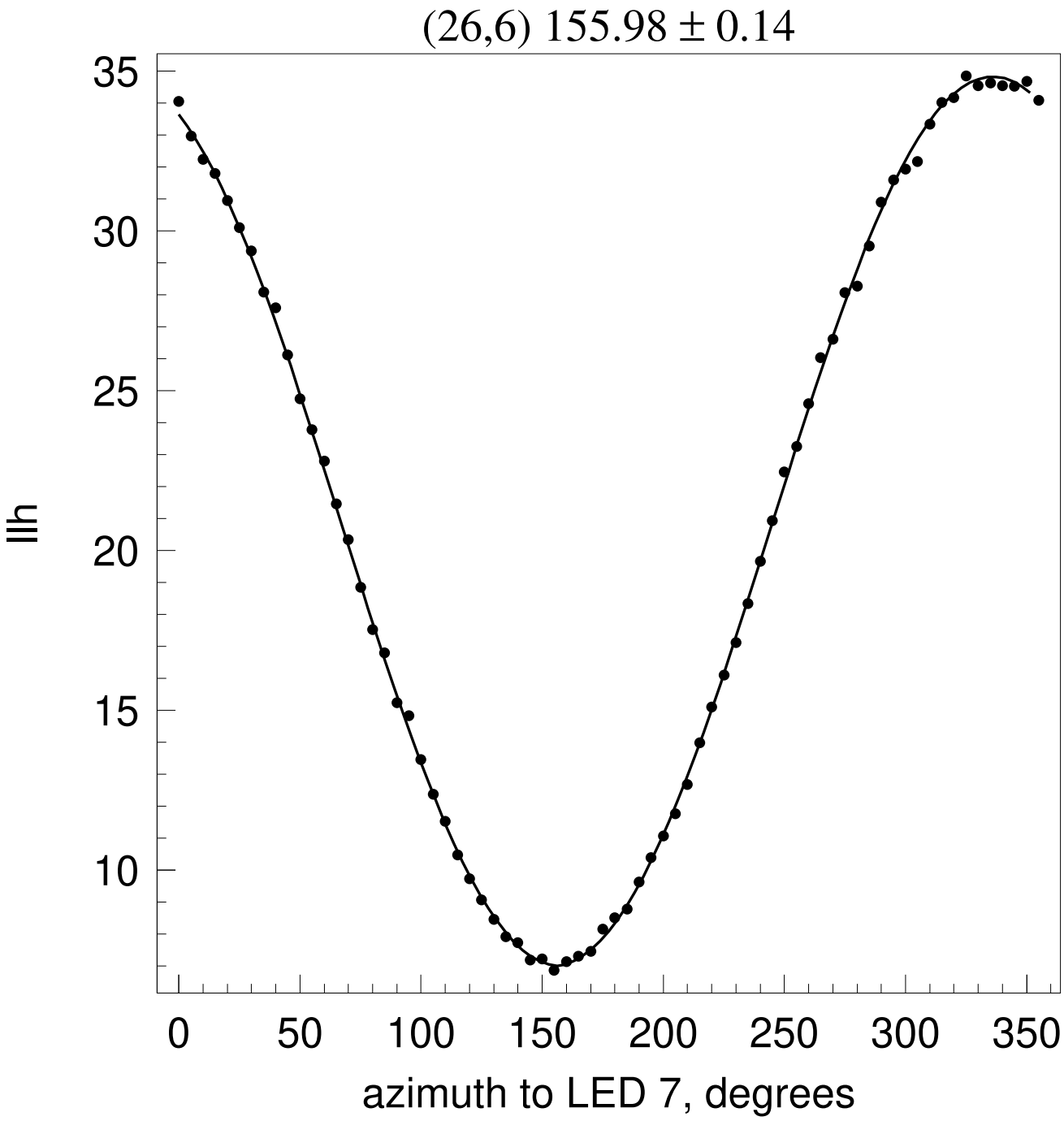

(26,1) 207.12 ± 0.20
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

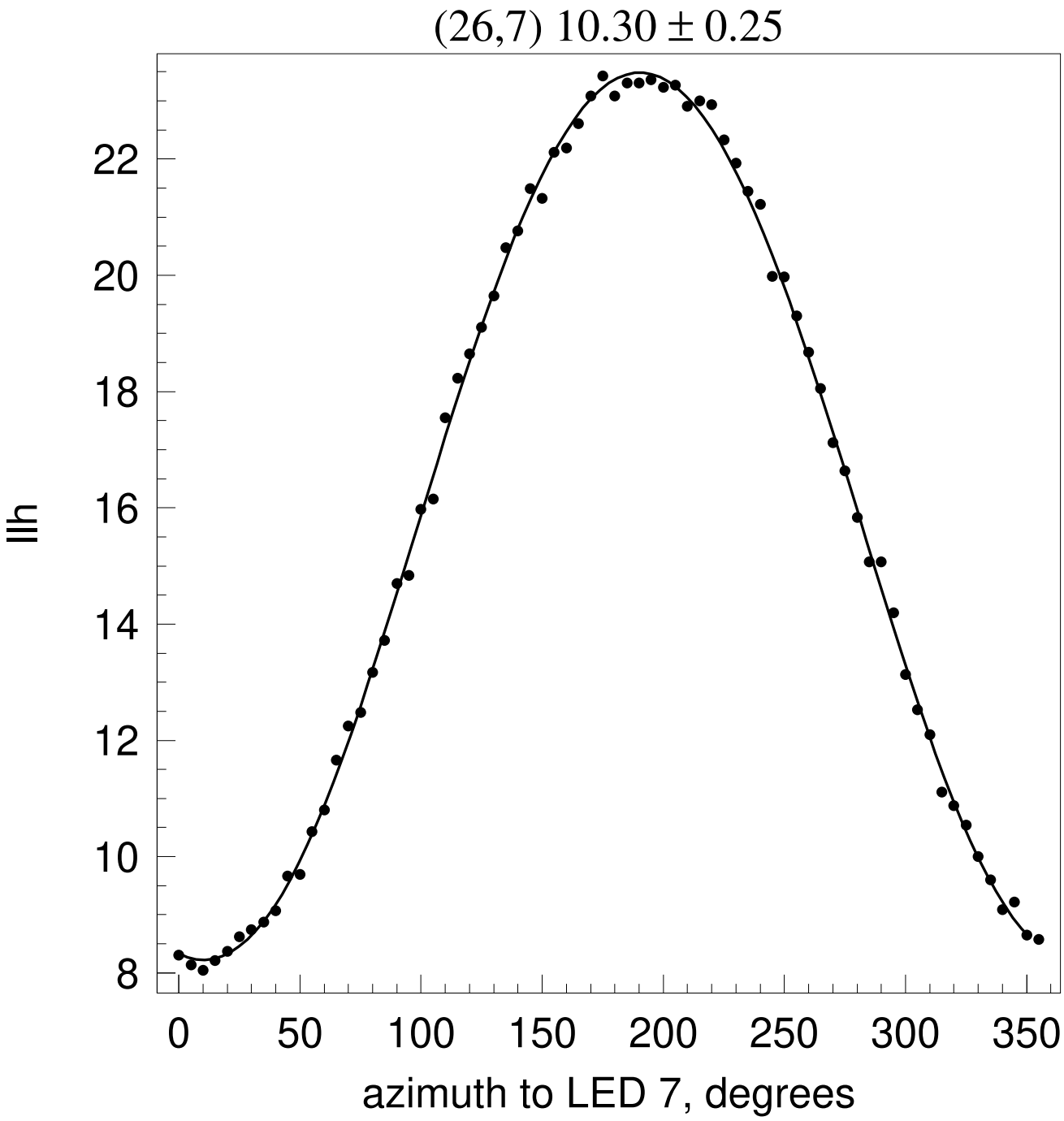

(26,2) 17.47 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

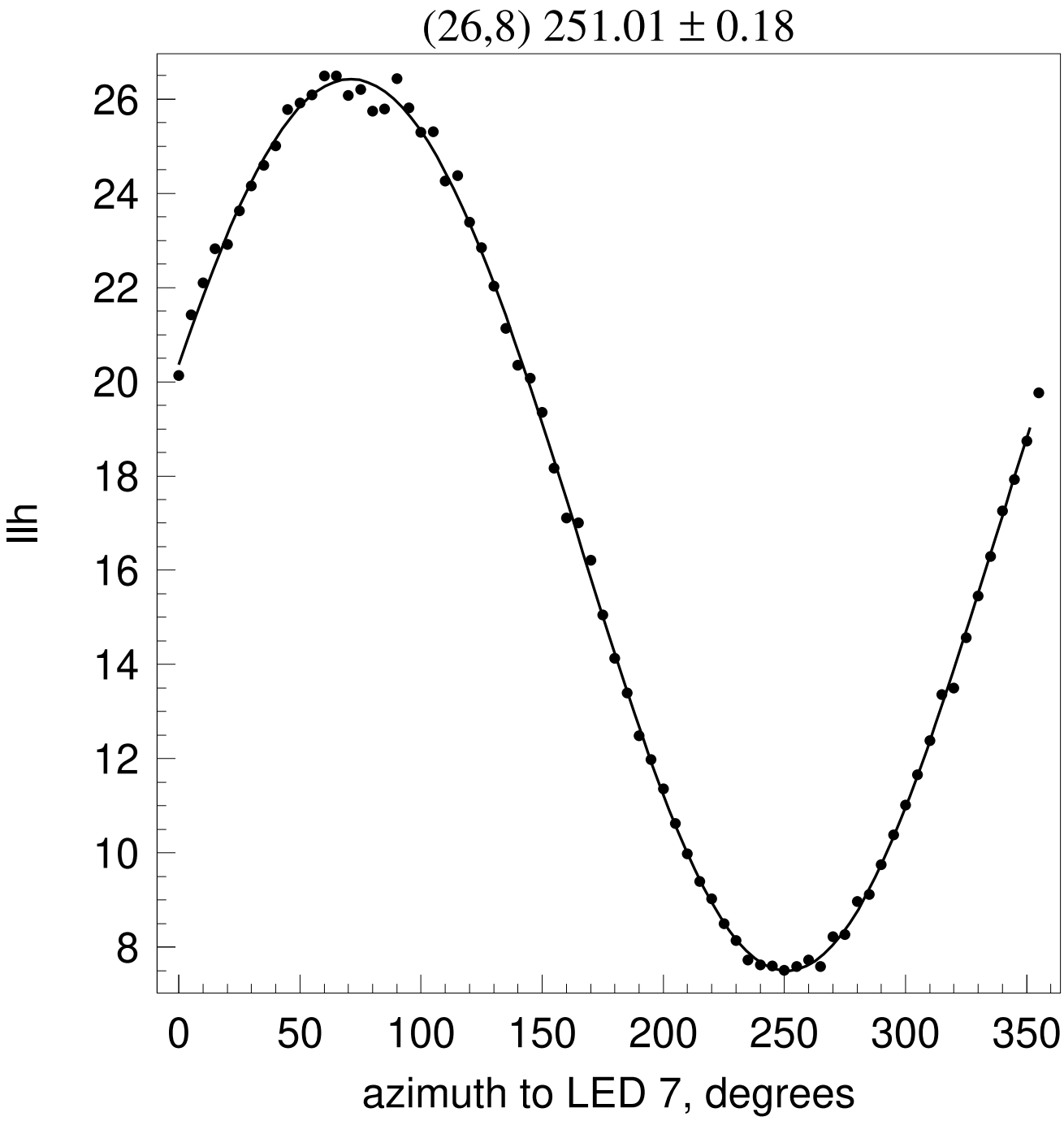

(26,3) 285.76 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

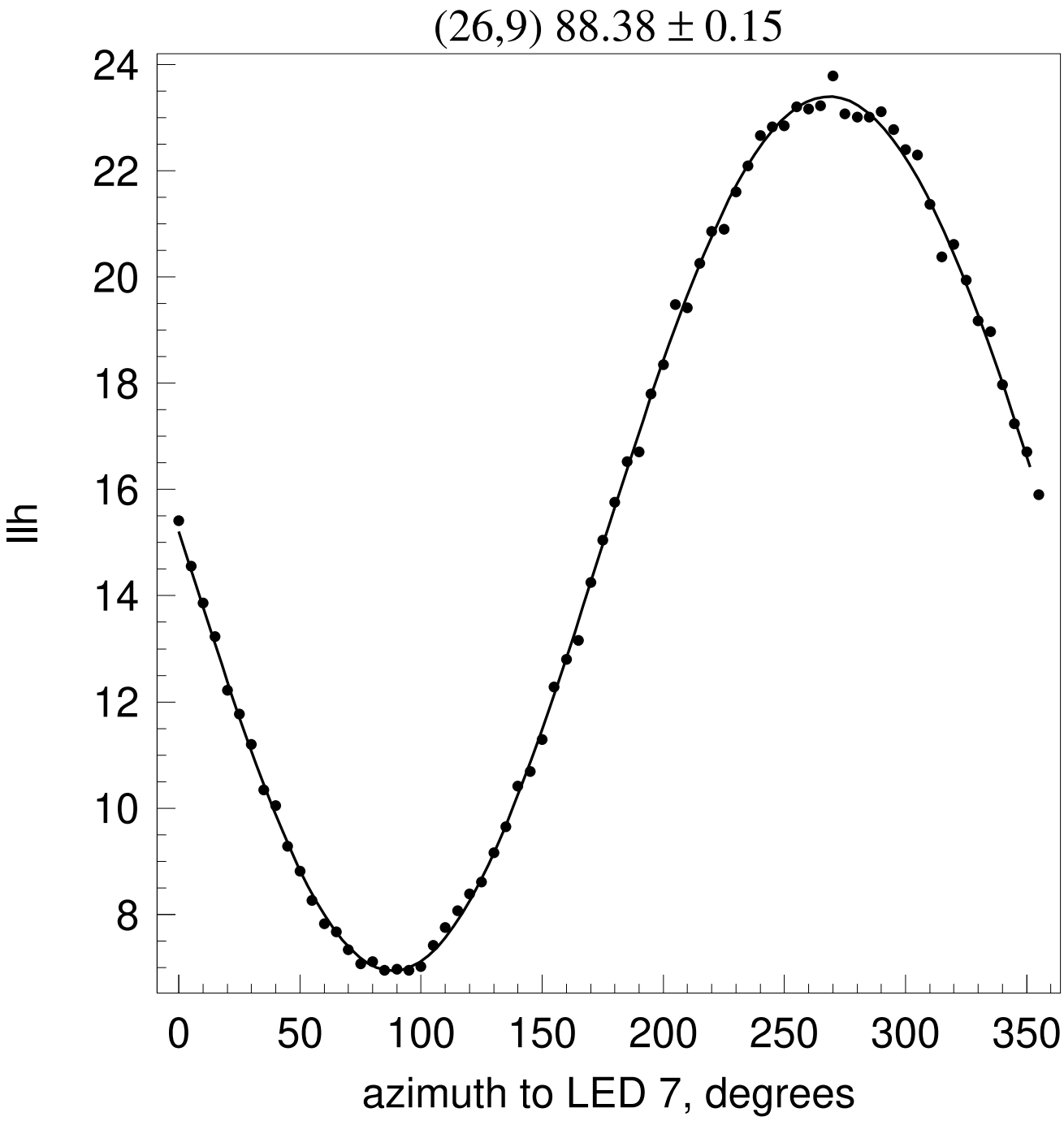

(26,4) 171.64 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

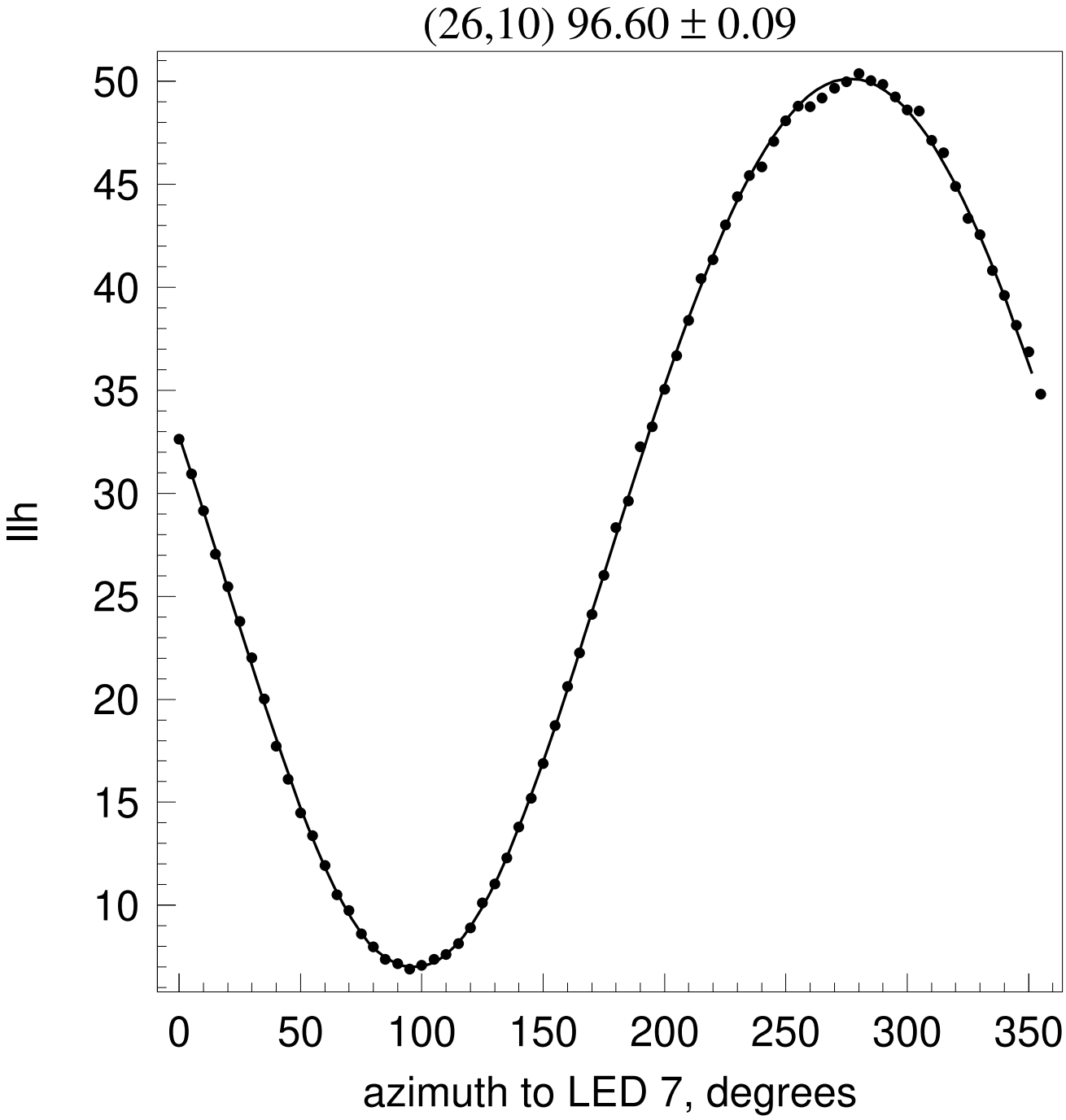

(26,5) 110.75 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

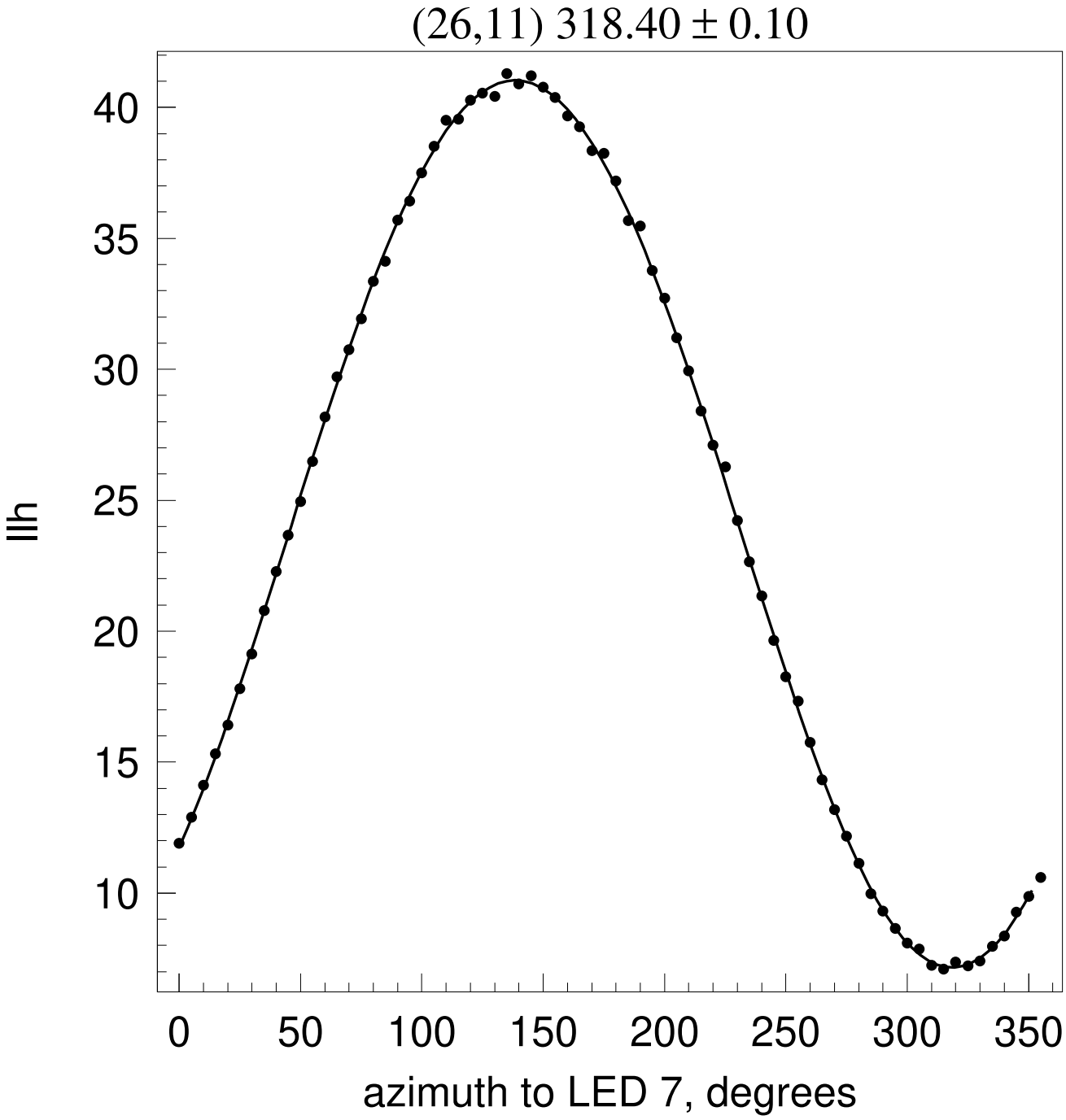

(26,6) 155.98 ± 0.14
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

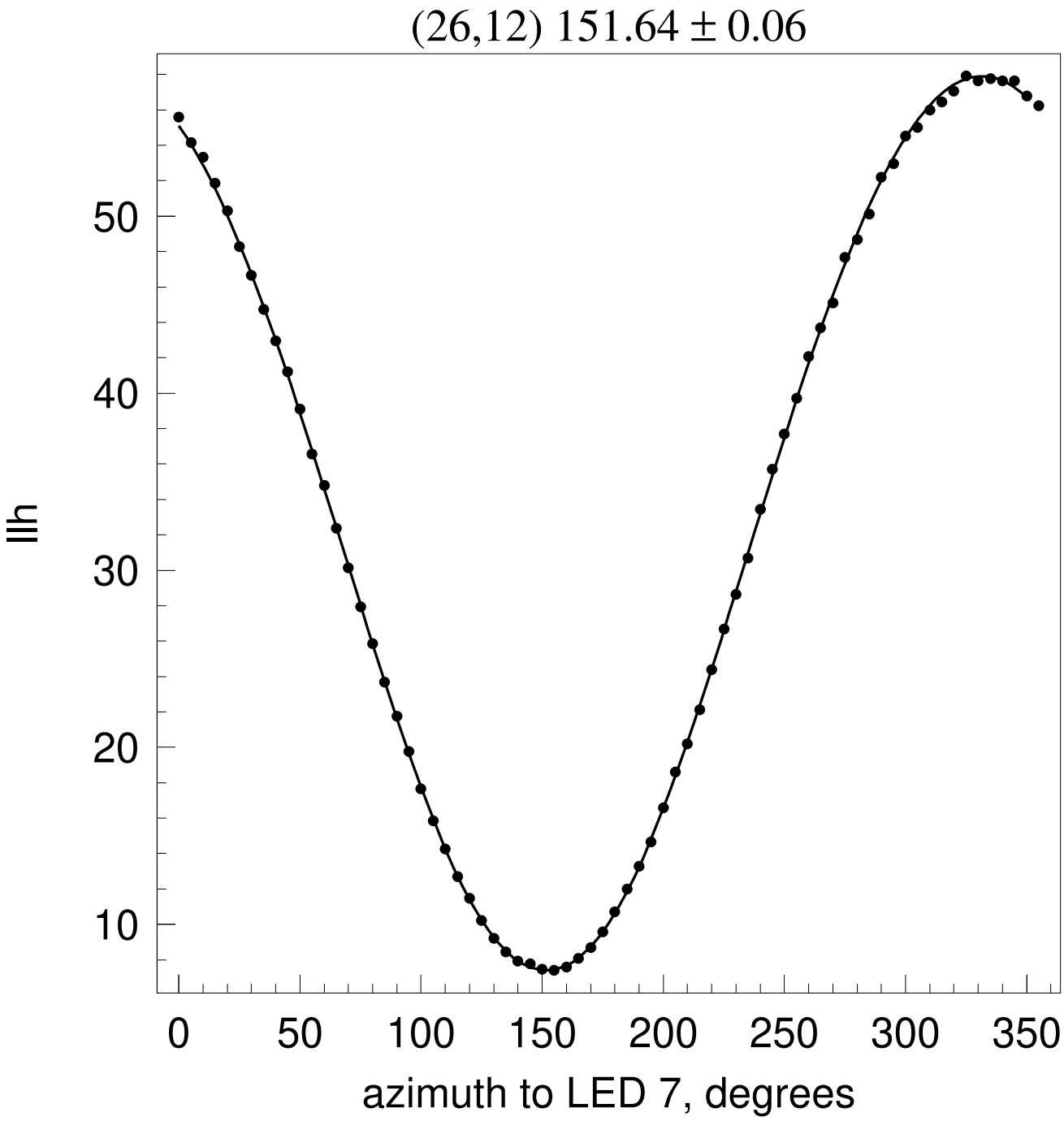

(26,7) 10.30 ± 0.25
llh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

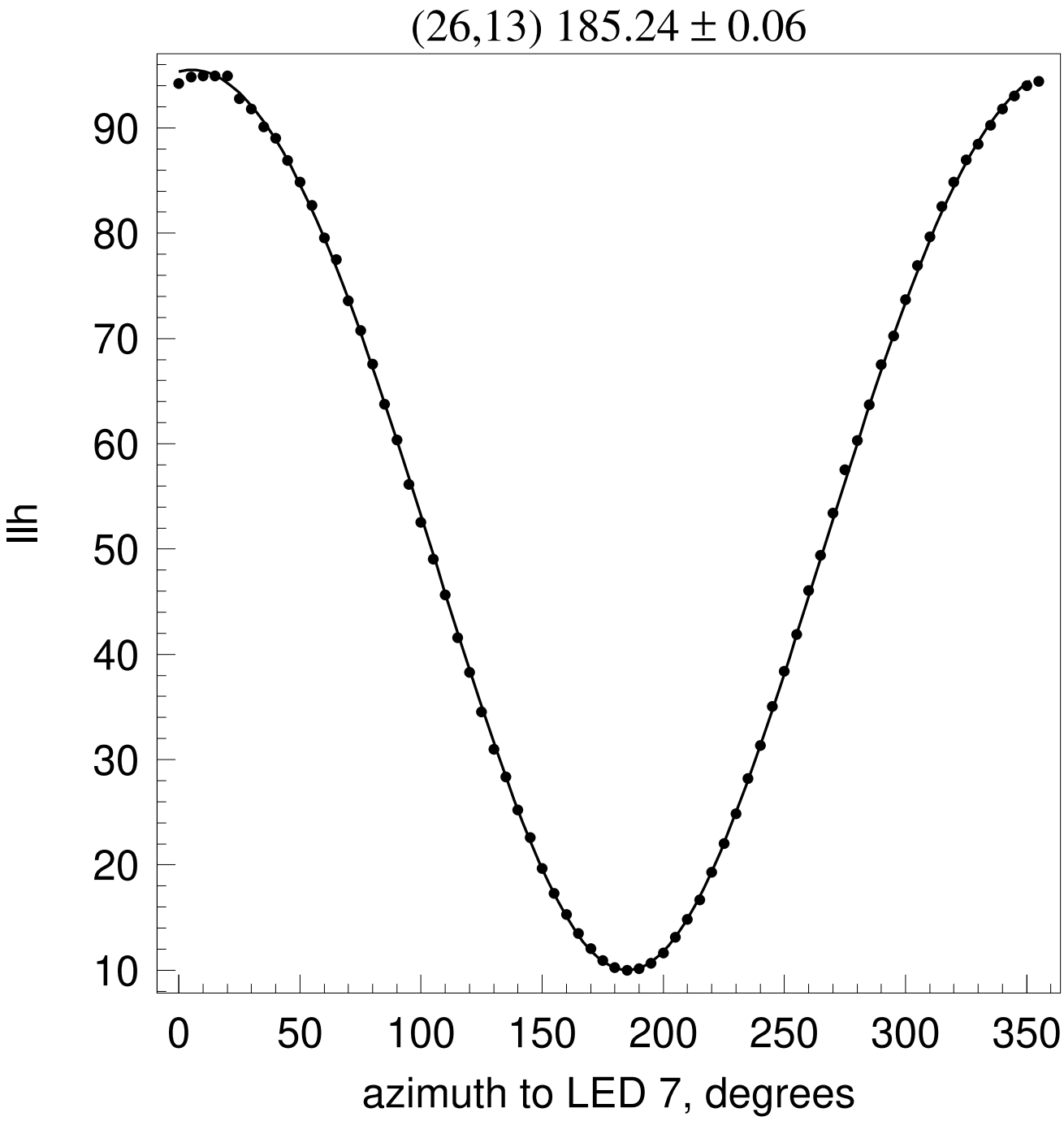

(26,8) 251.01 ± 0.18
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

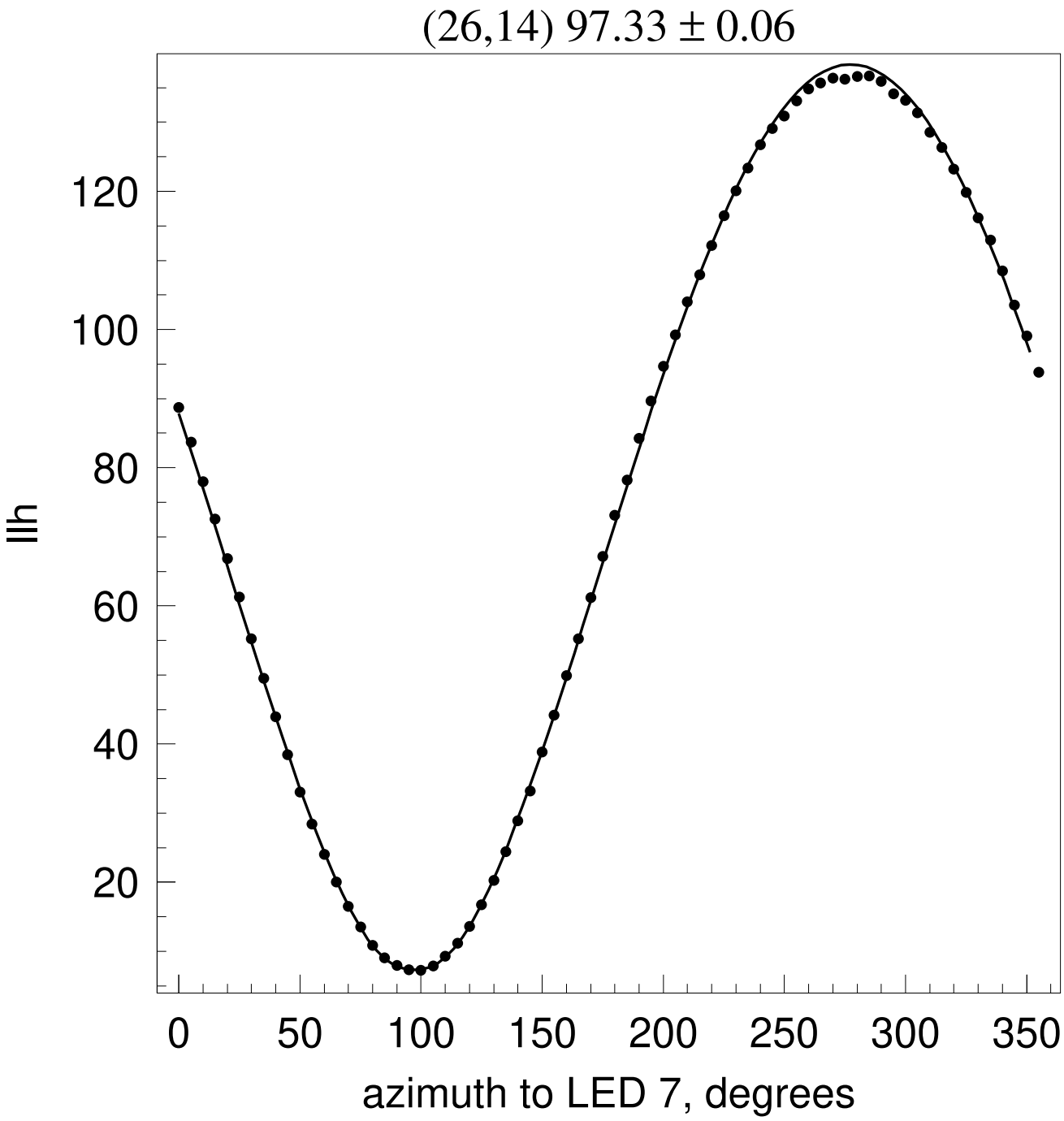

(26,9) 88.38 ± 0.15
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

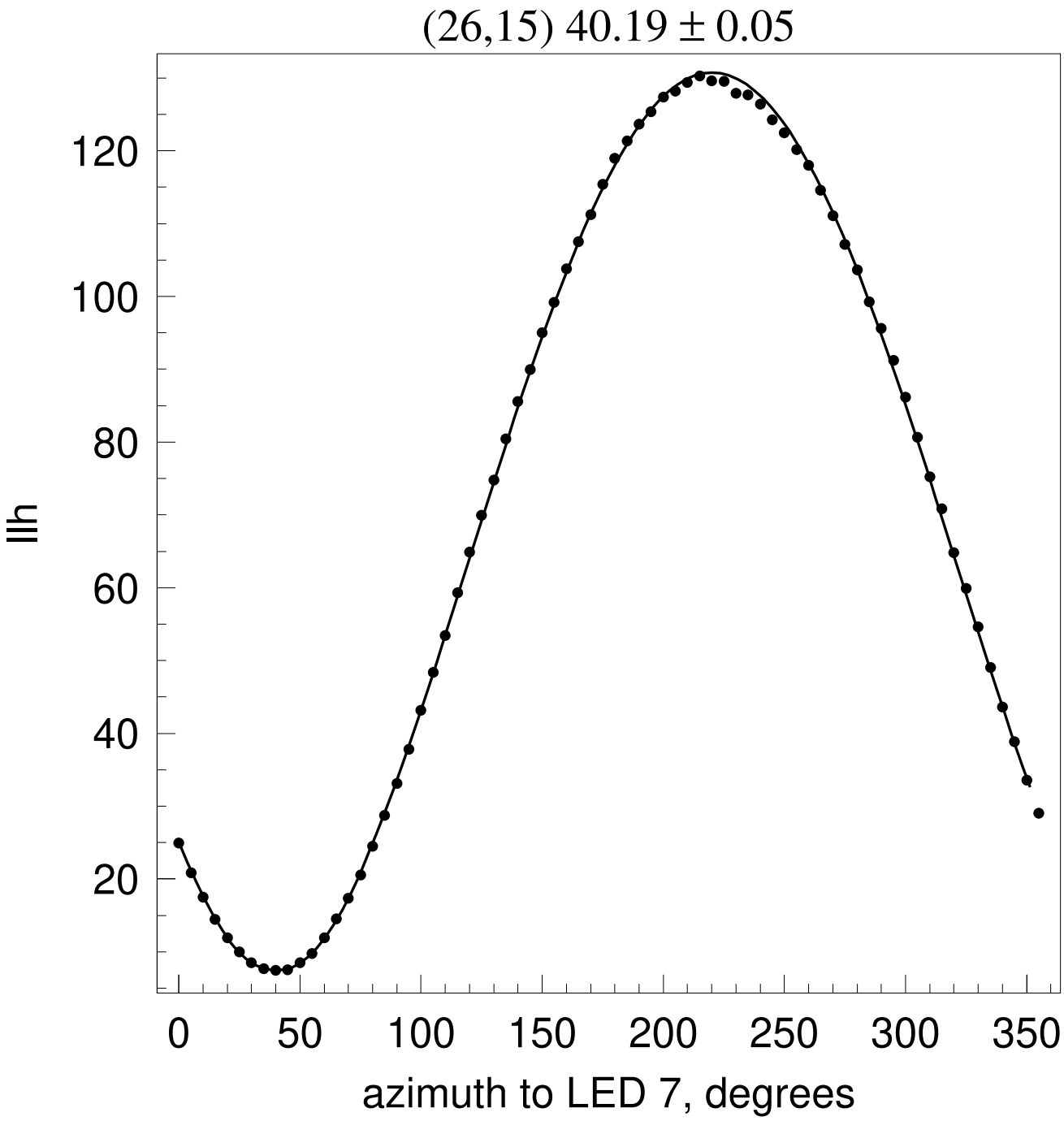

(26,10) 96.60 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

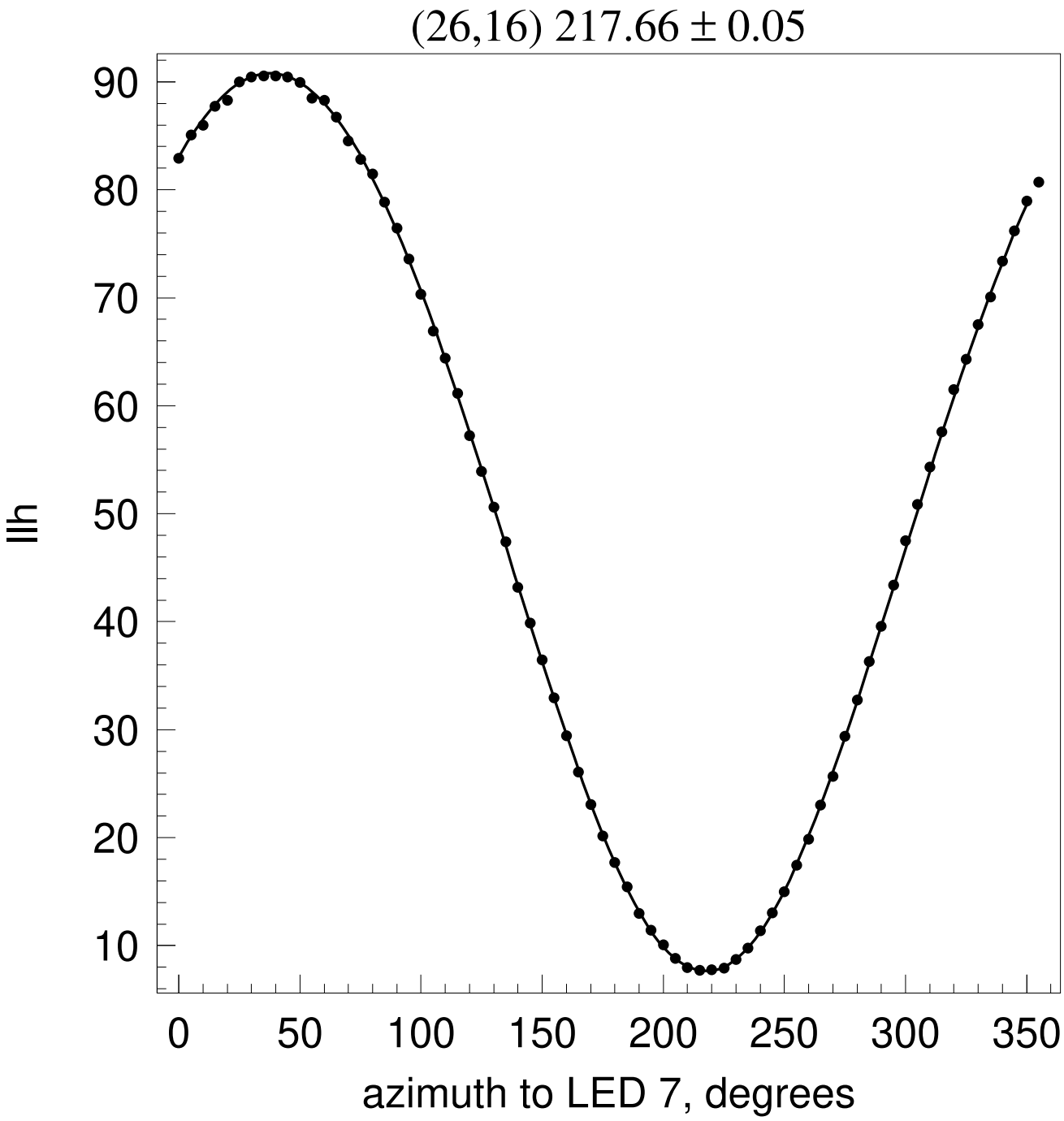

(26,11) 318.40 ± 0.10
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

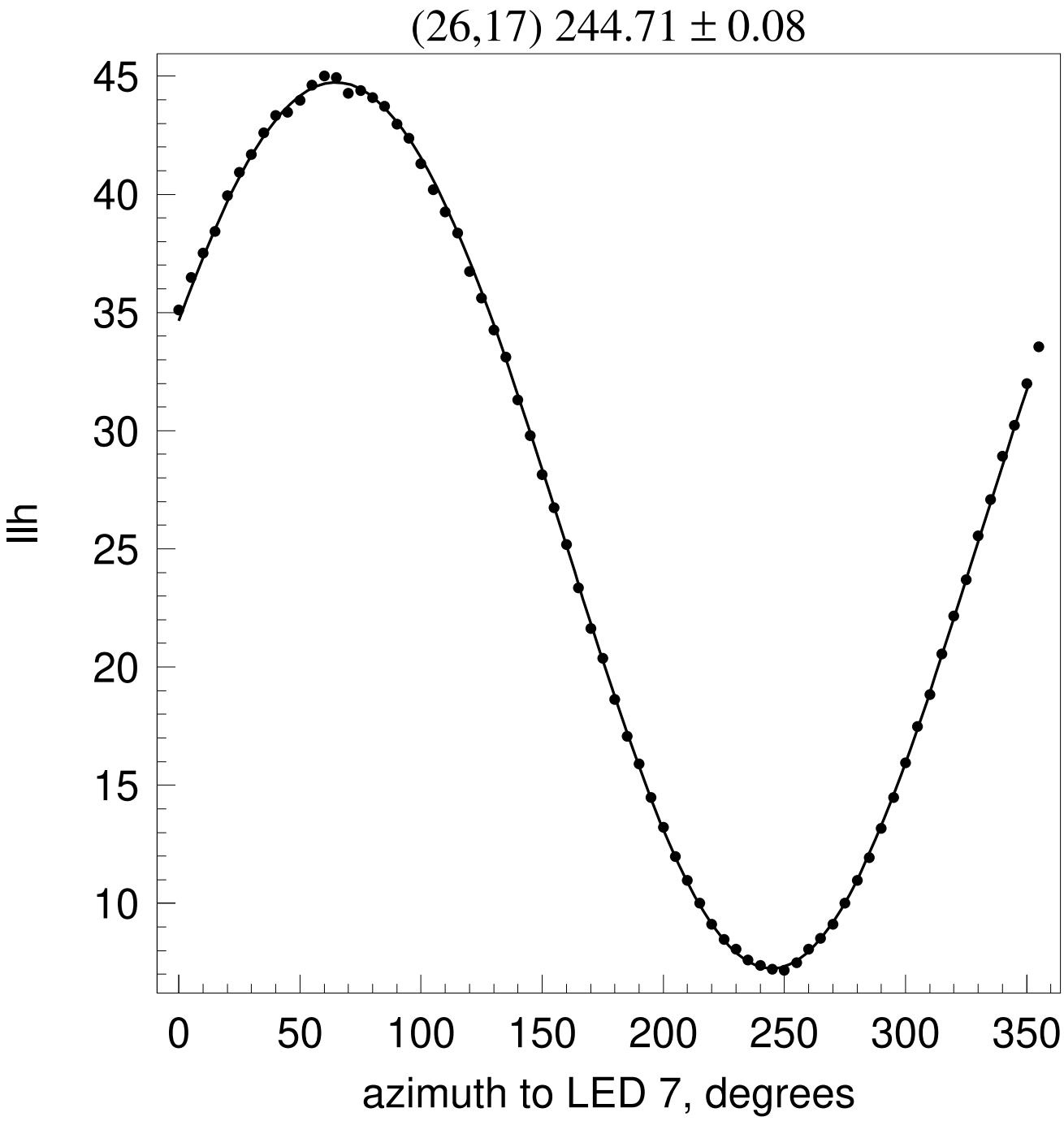

(26,12) 151.64 ± 0.06
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

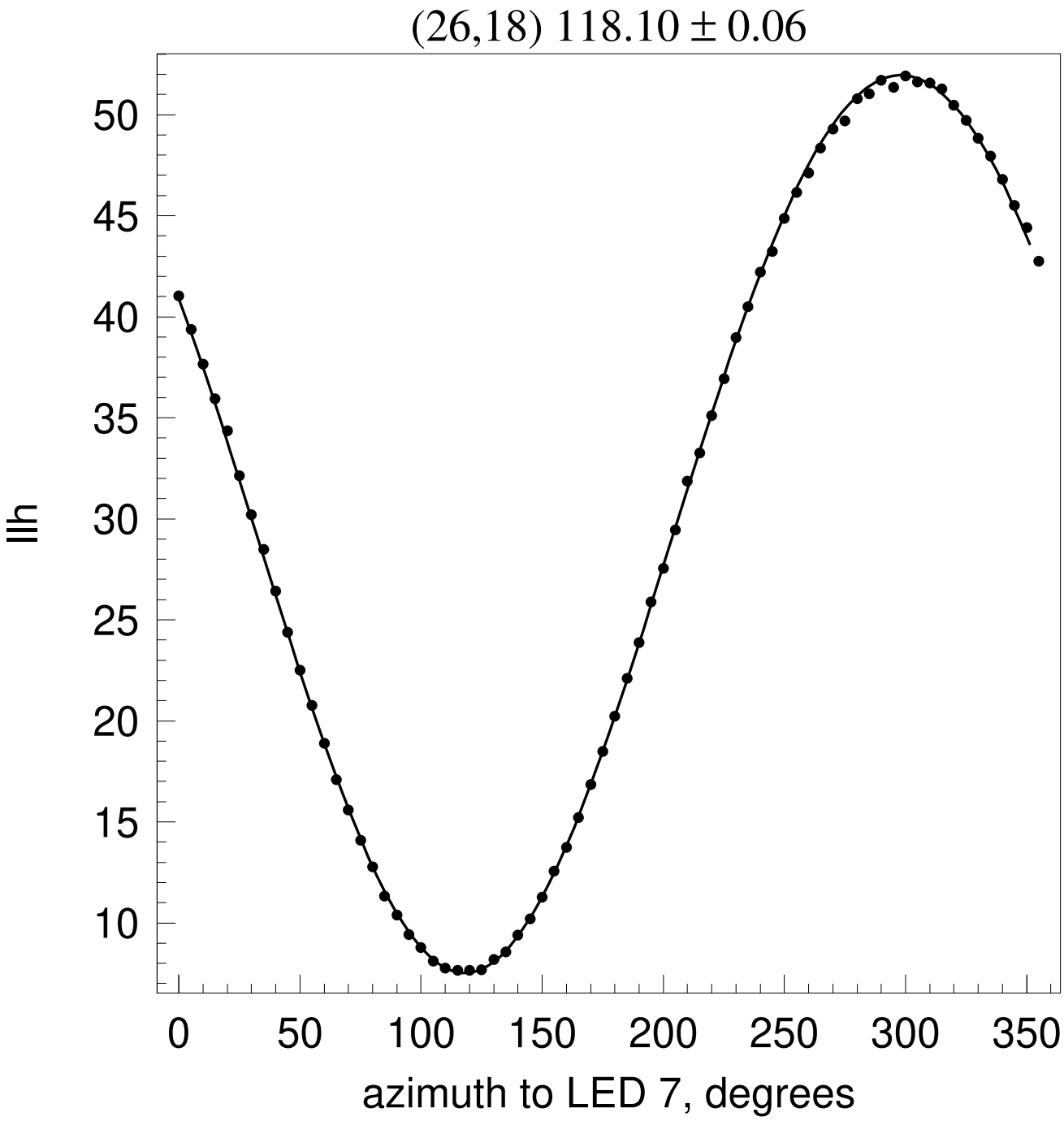

(26,13) 185.24 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

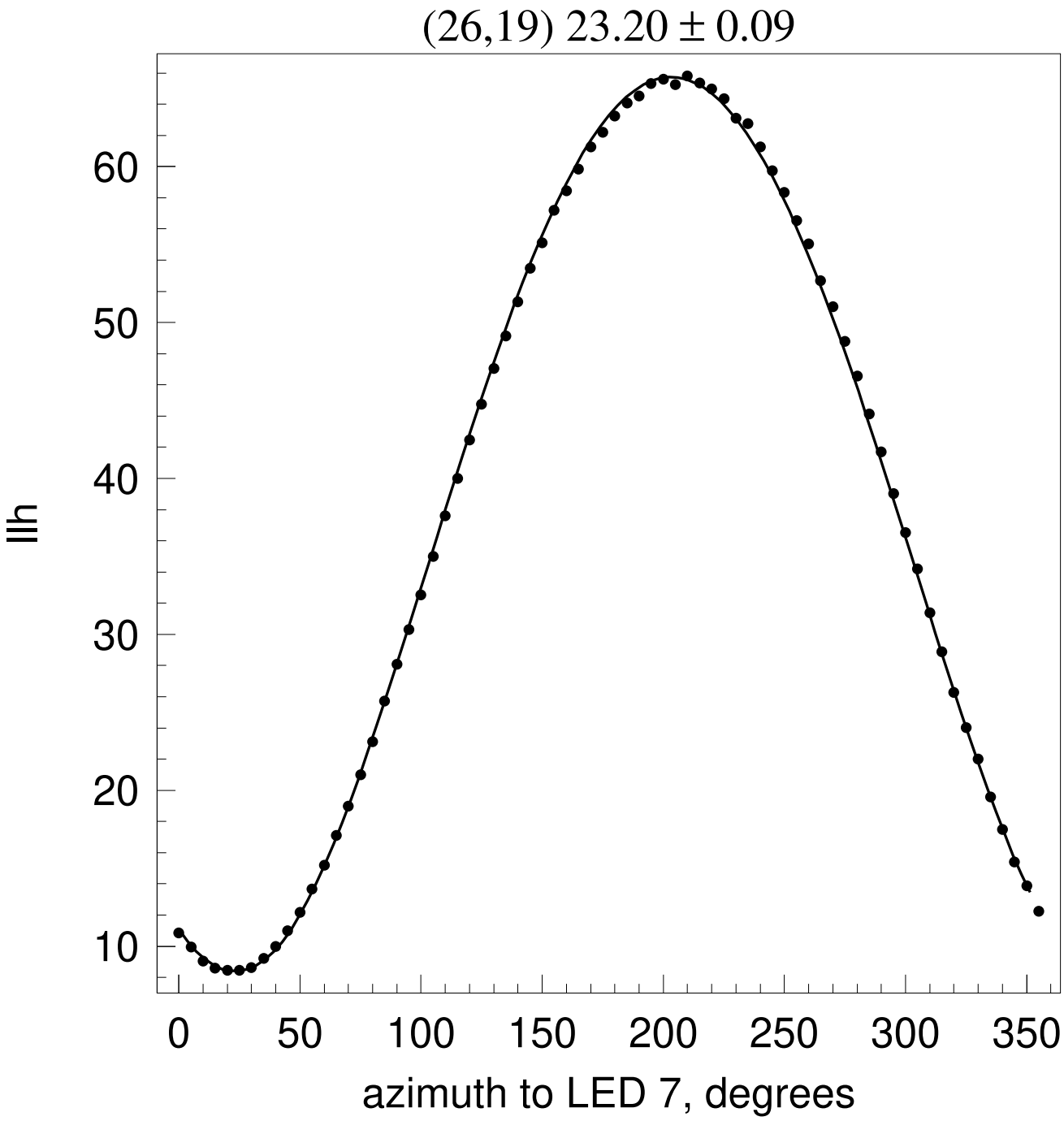

(26,14) 97.33 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

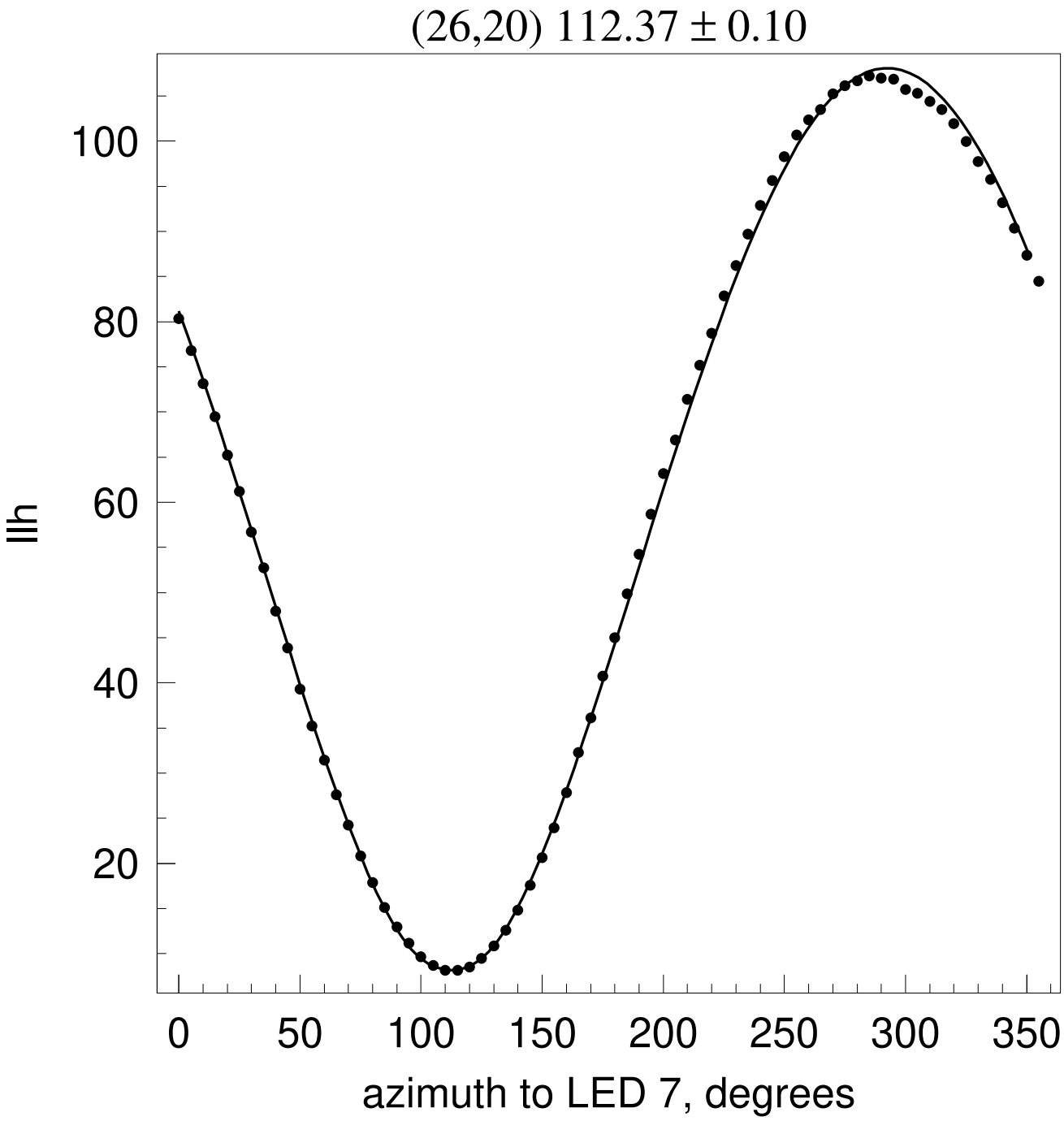

(26,15) 40.19 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

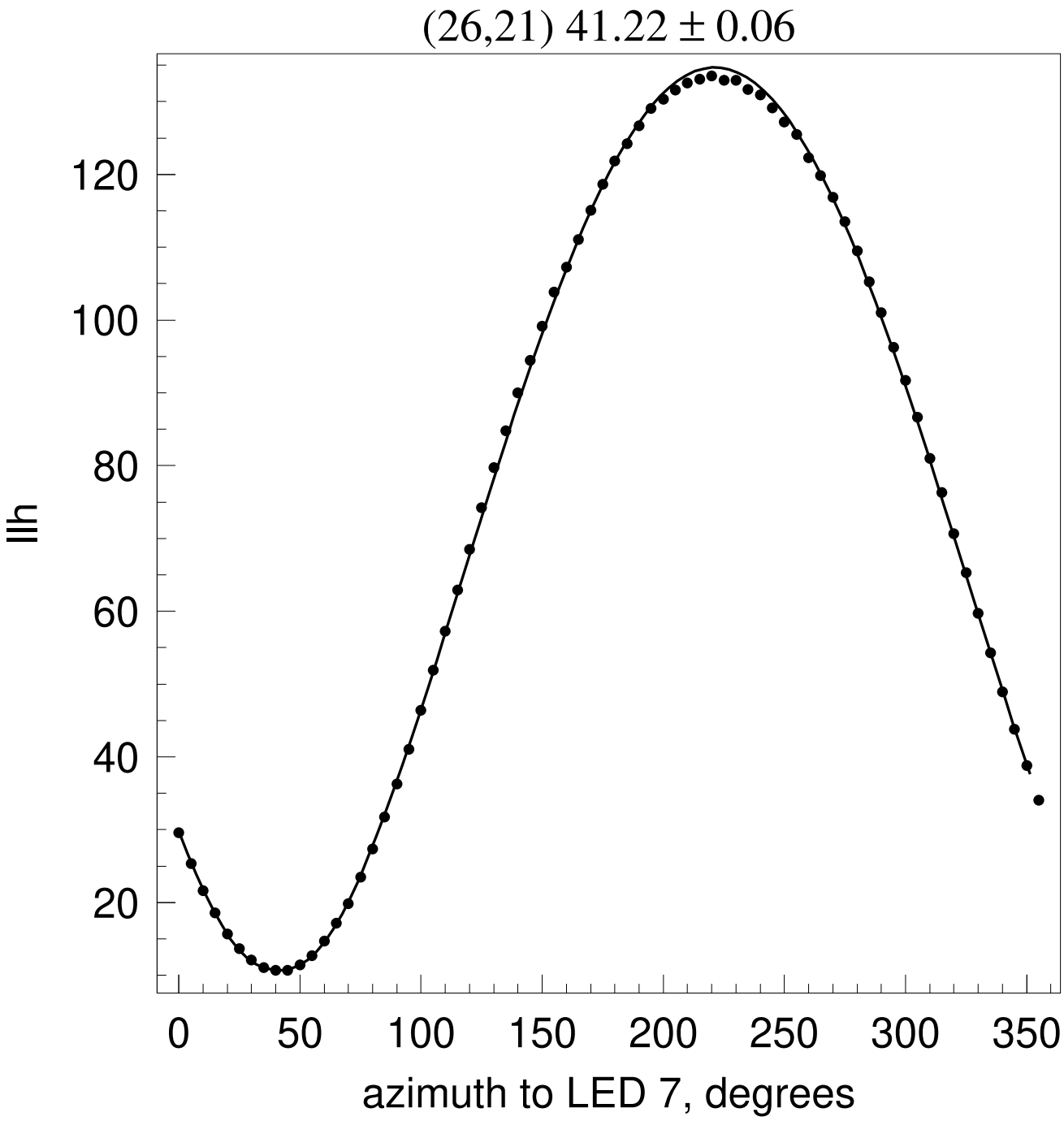

(26,16) 217.66 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

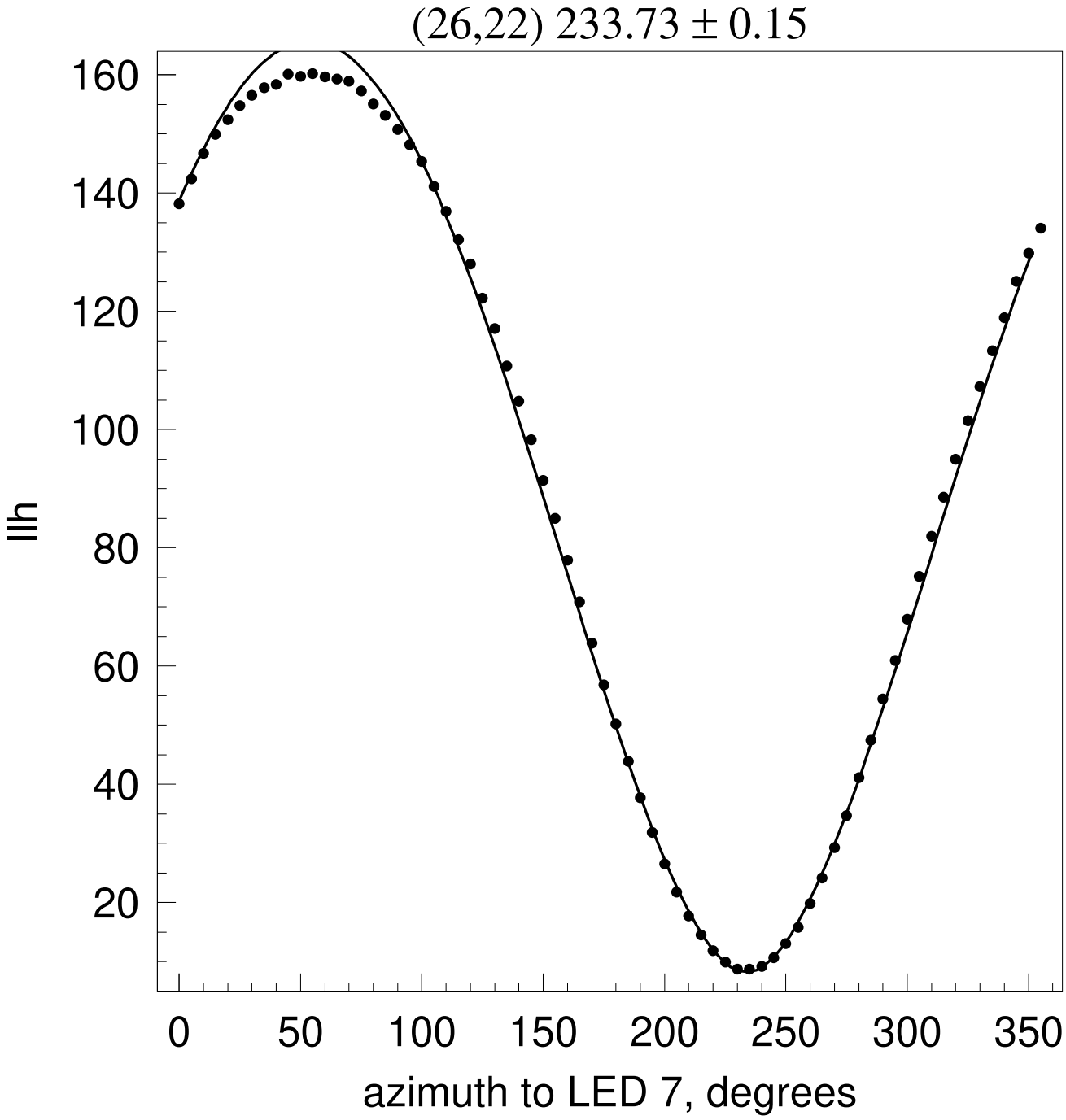

(26,17) 244.71 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

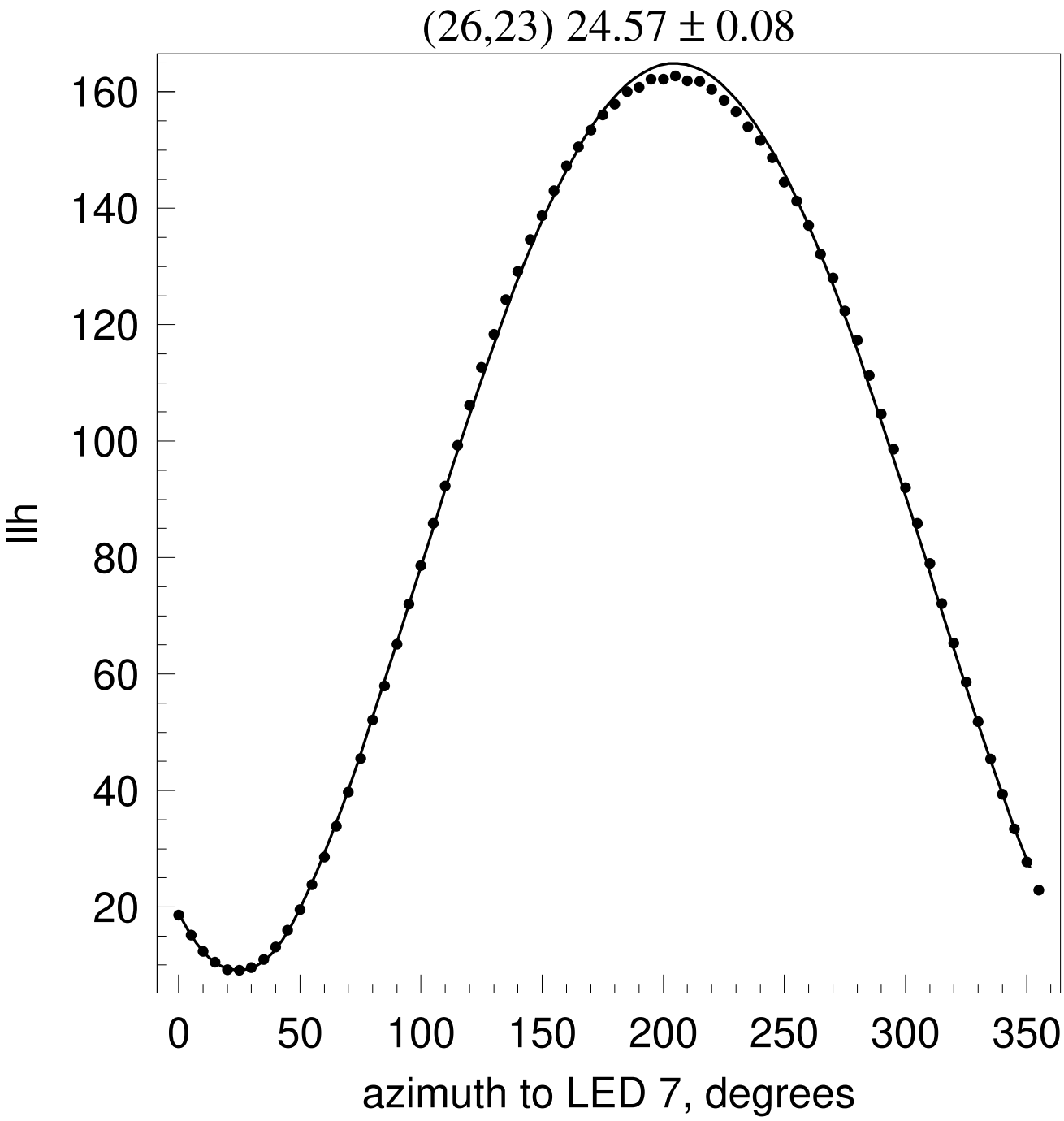

(26,18) 118.10 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

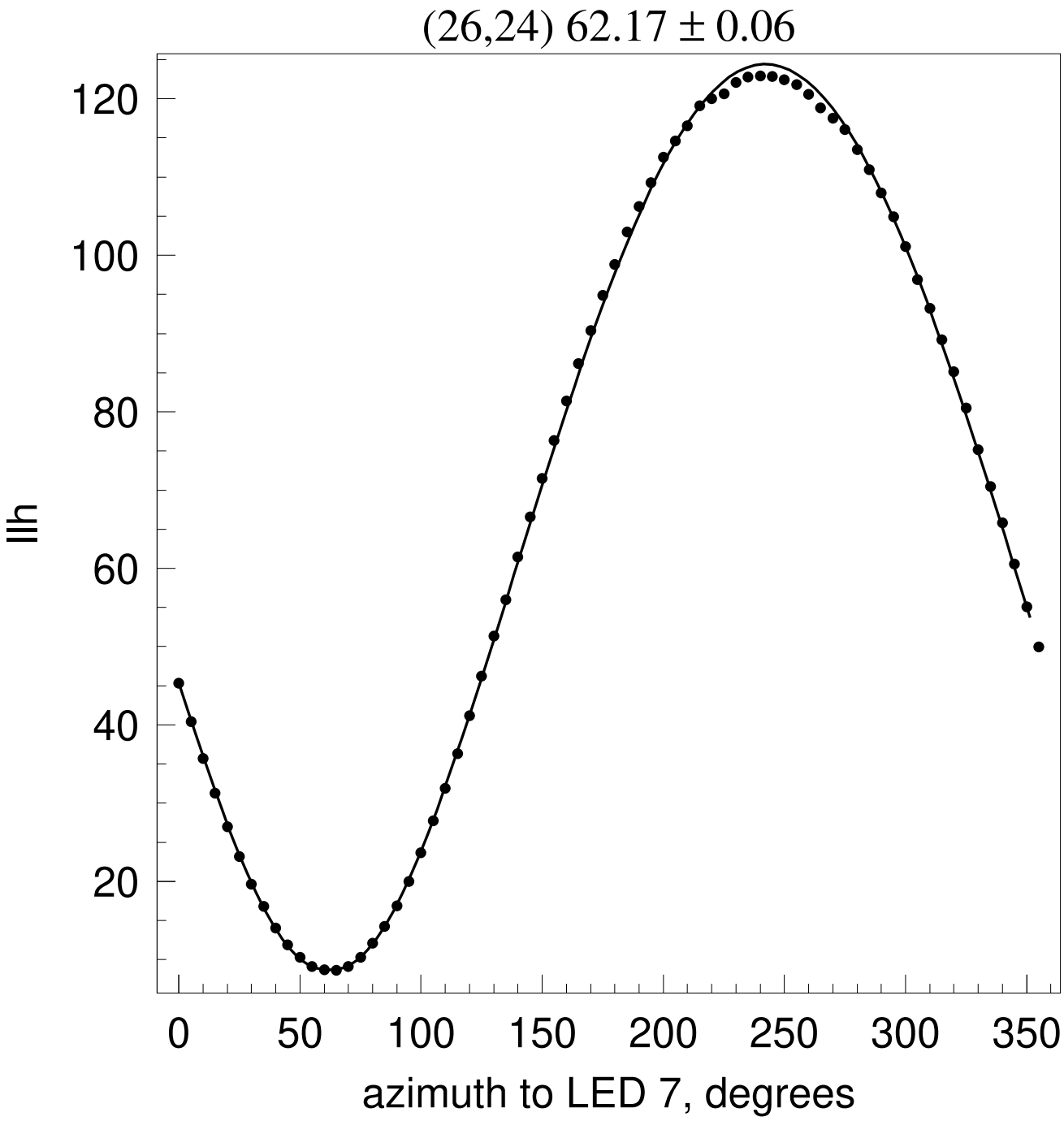

(26,19) 23.20 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

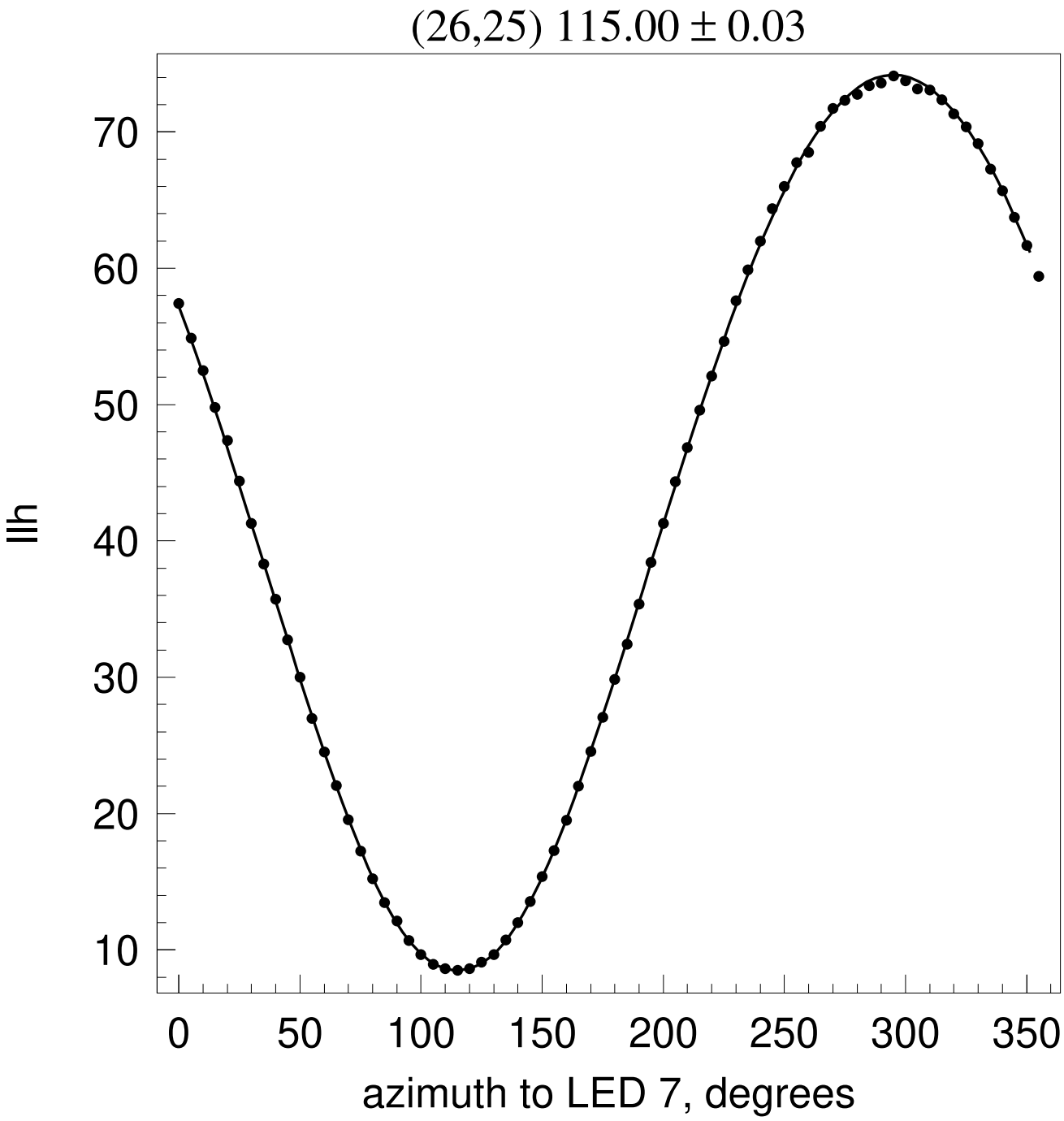

(26,20) 112.37 ± 0.10
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

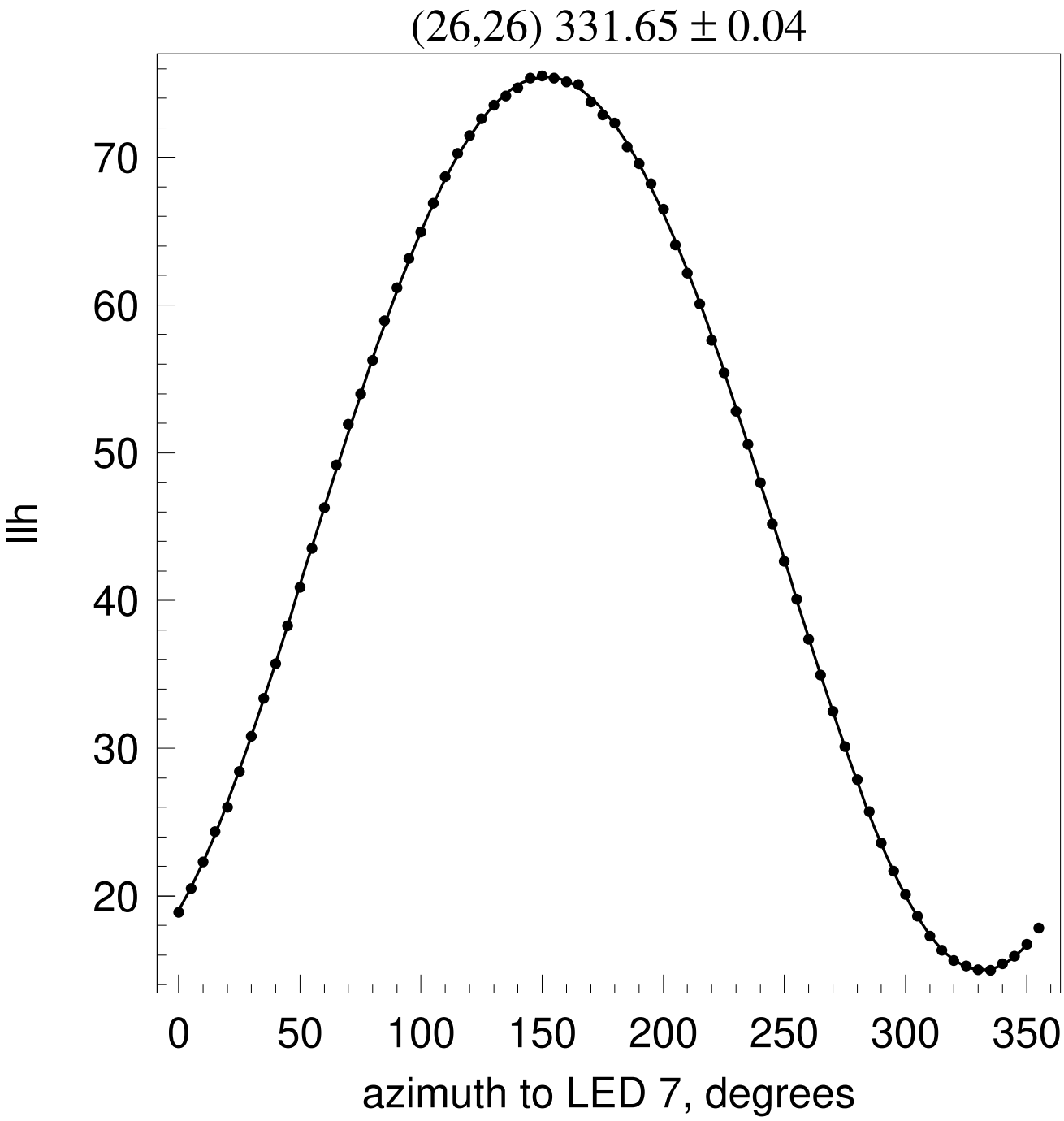

(26,21) 41.22 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

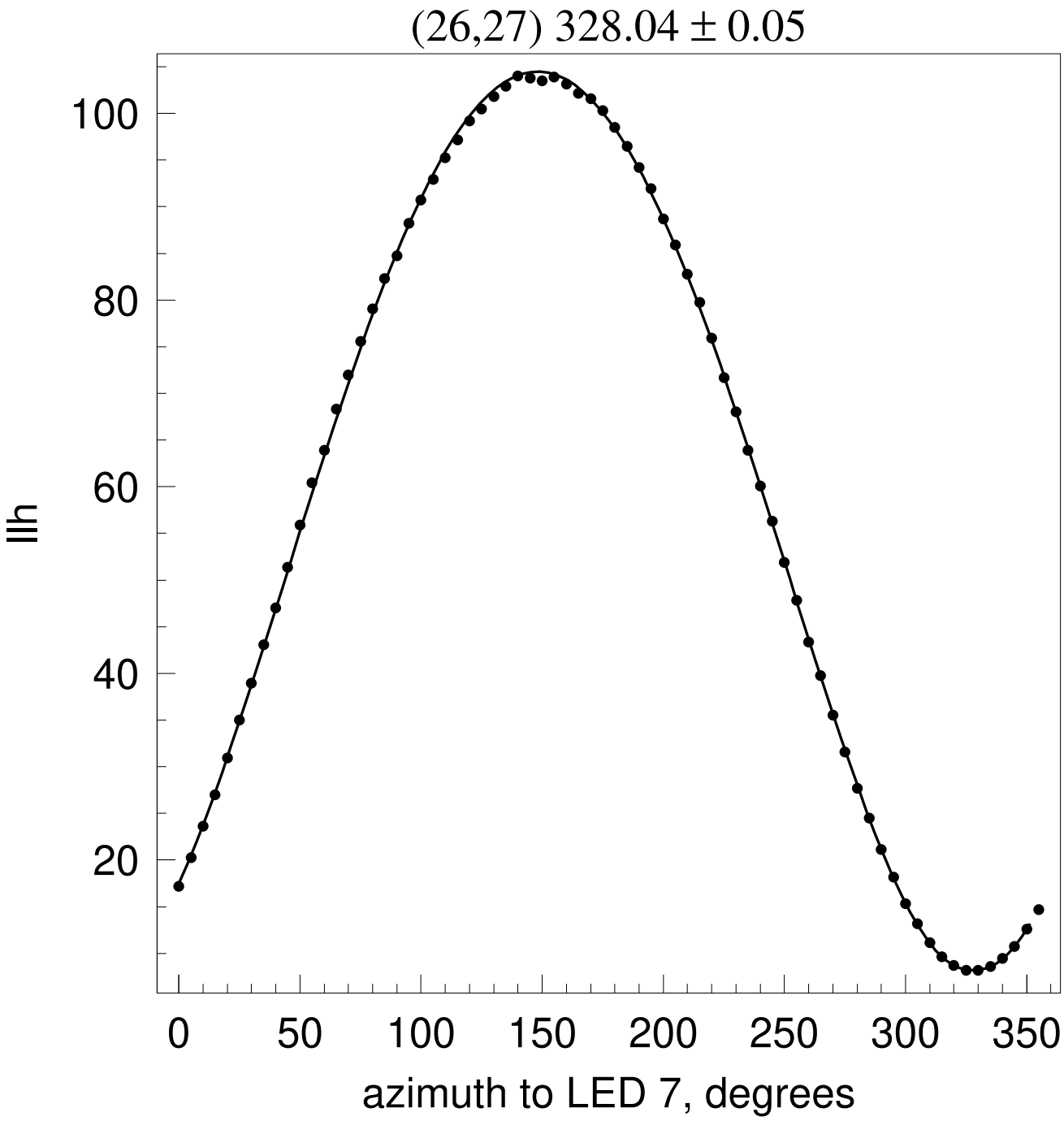

(26,22) 233.73 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

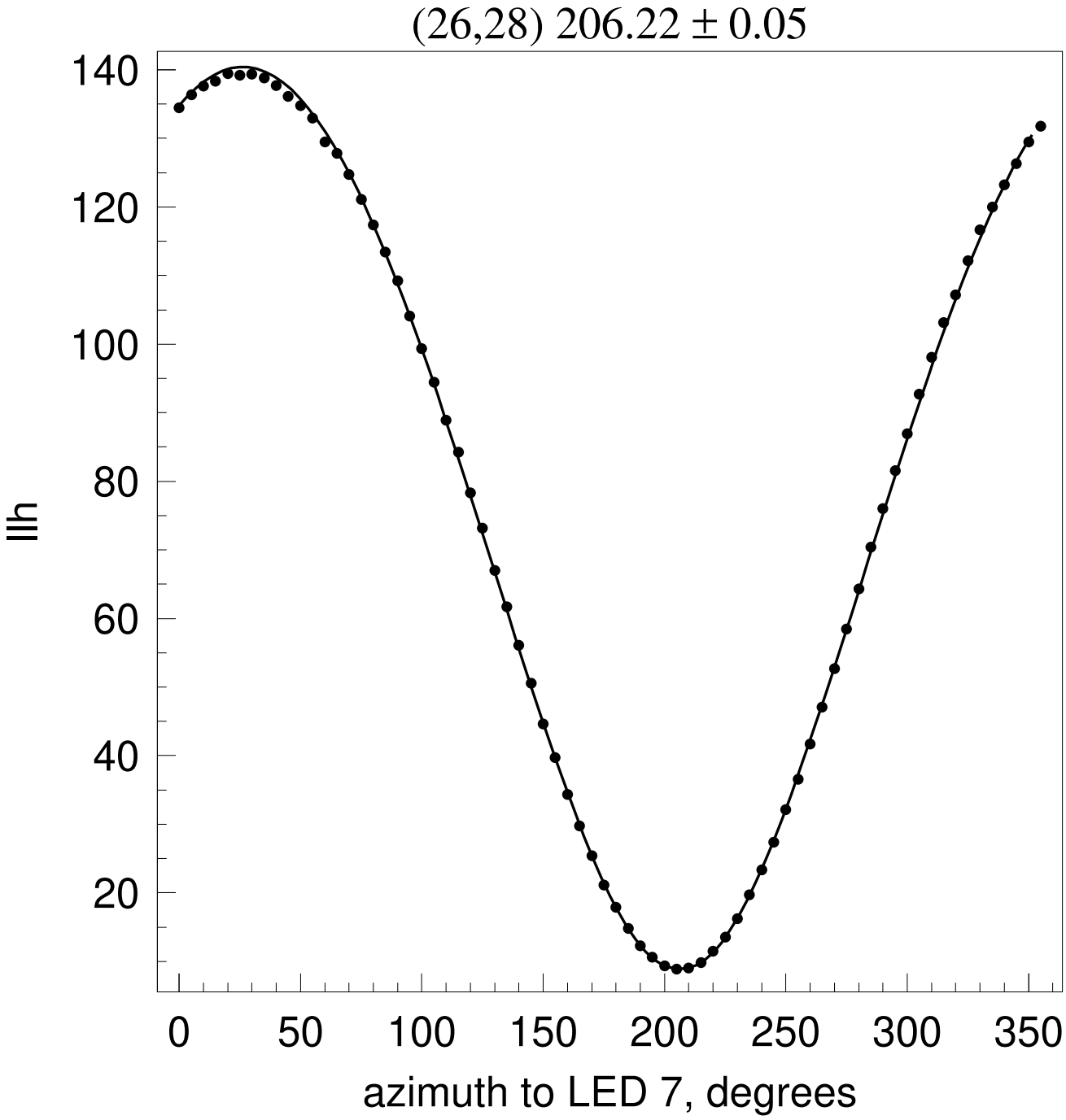

(26,23) 24.57 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

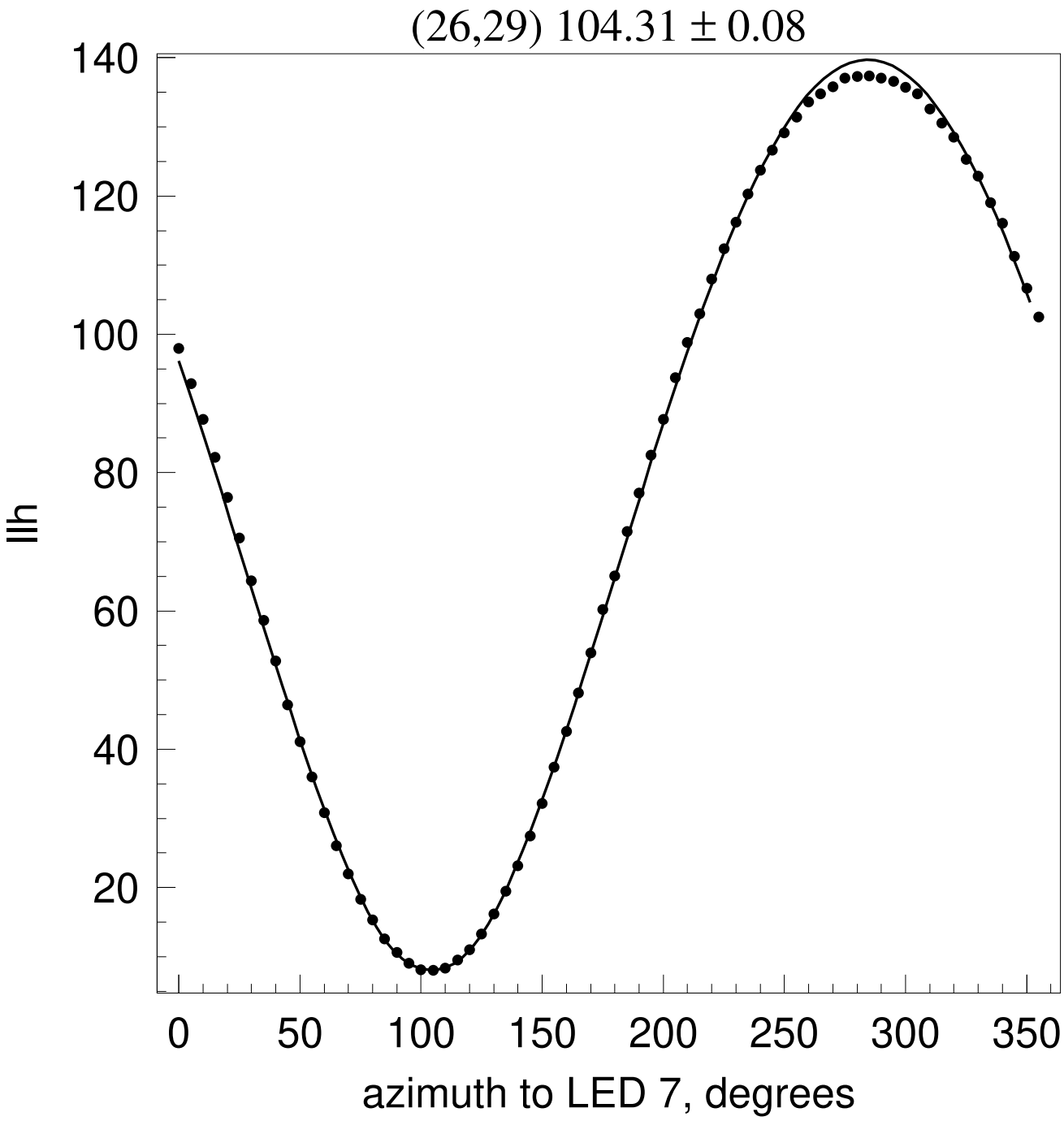

(26,24) 62.17 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

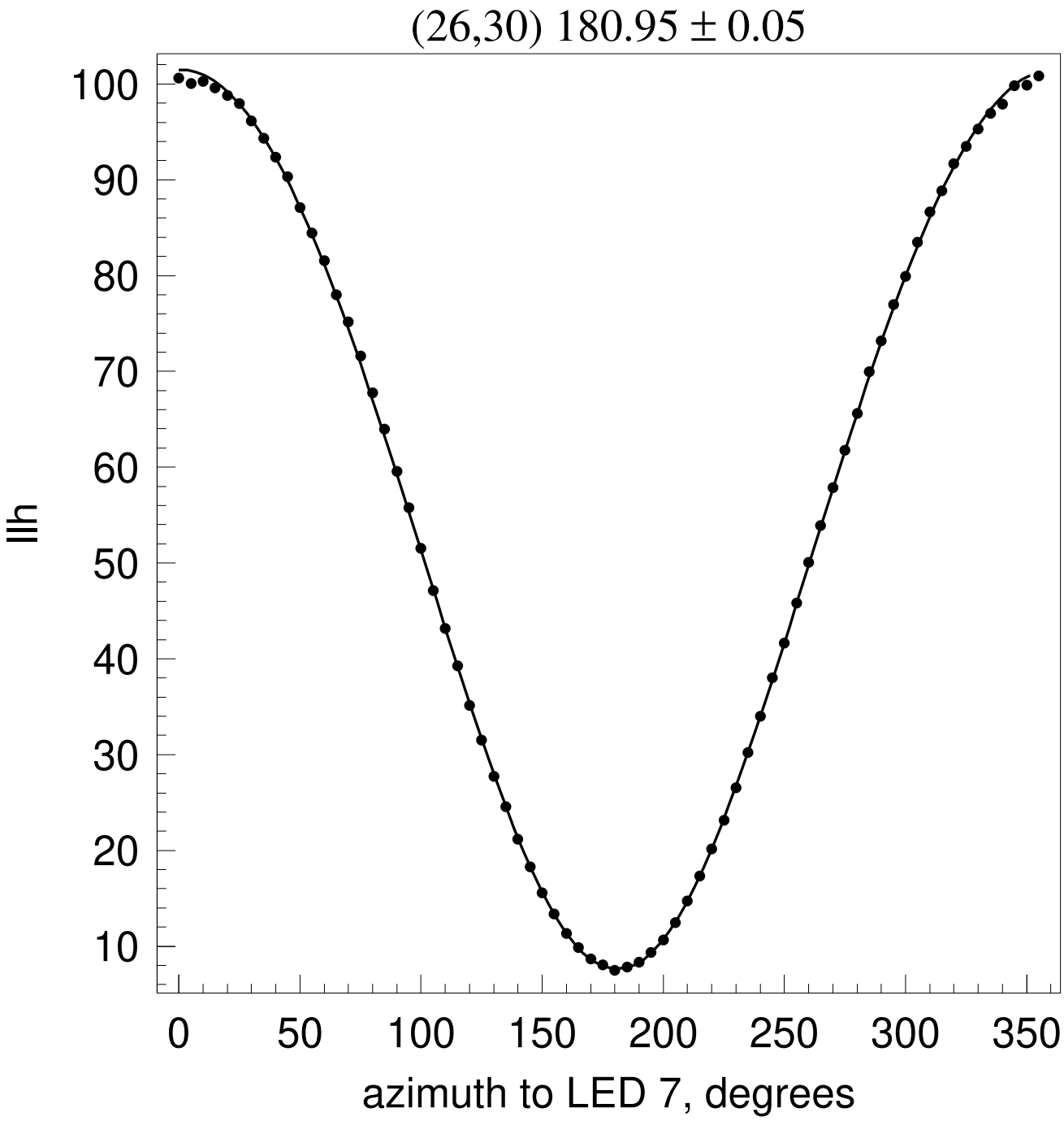

(26,25) 115.00 ± 0.03
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

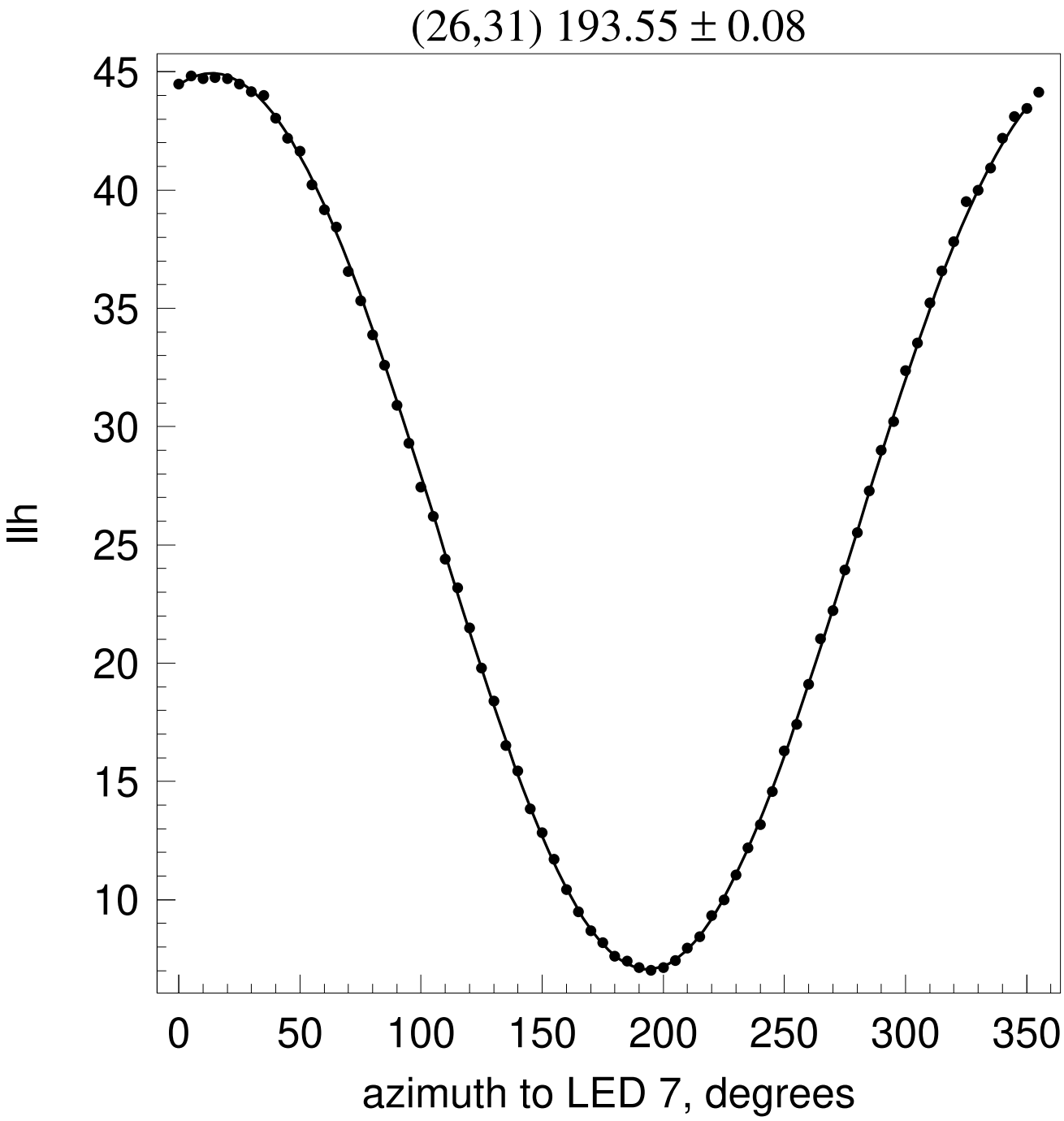

(26,26) 331.65 ± 0.04
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

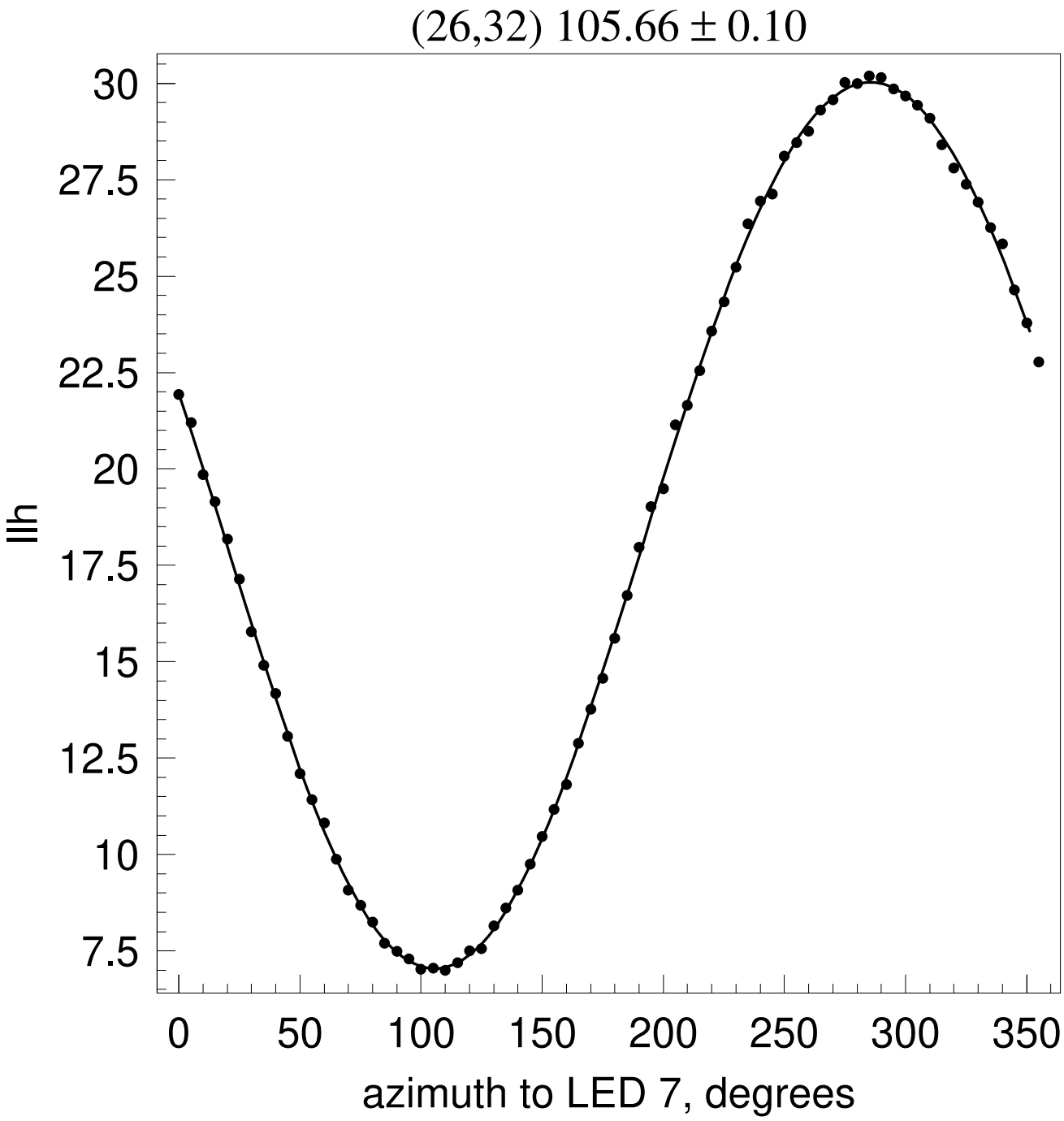

(26,27) 328.04 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

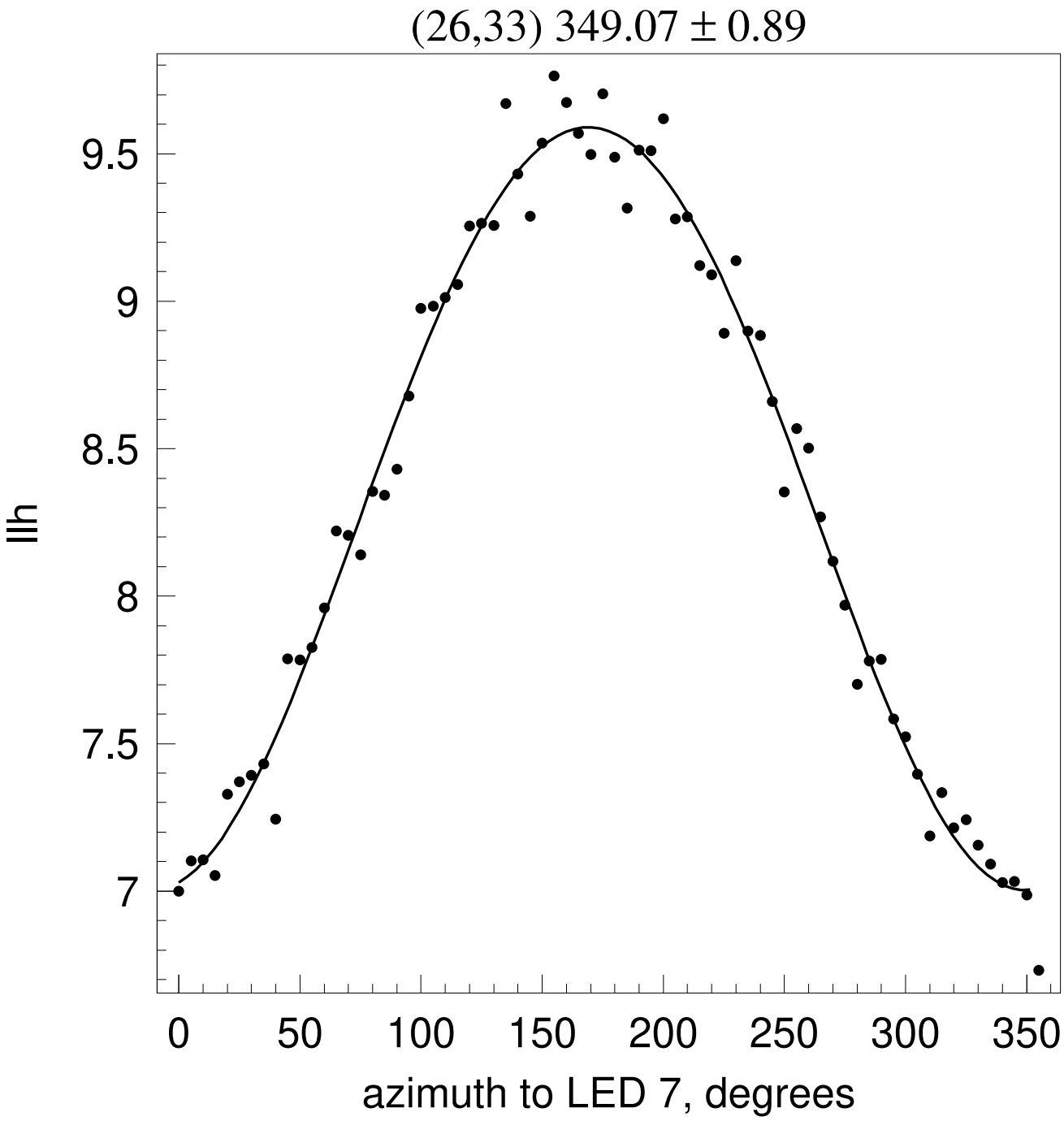

(26,28) 206.22 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

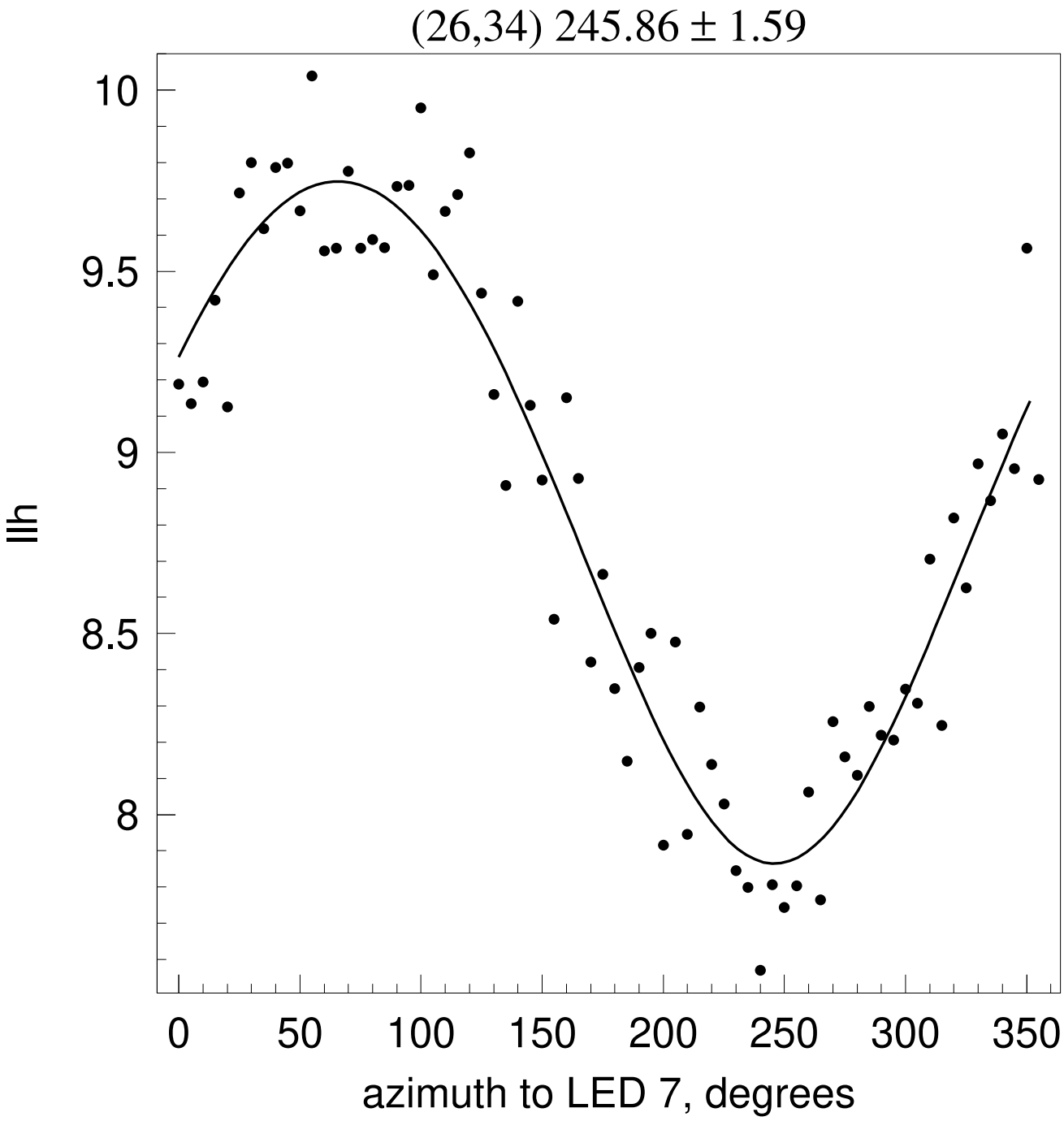

(26,29) 104.31 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

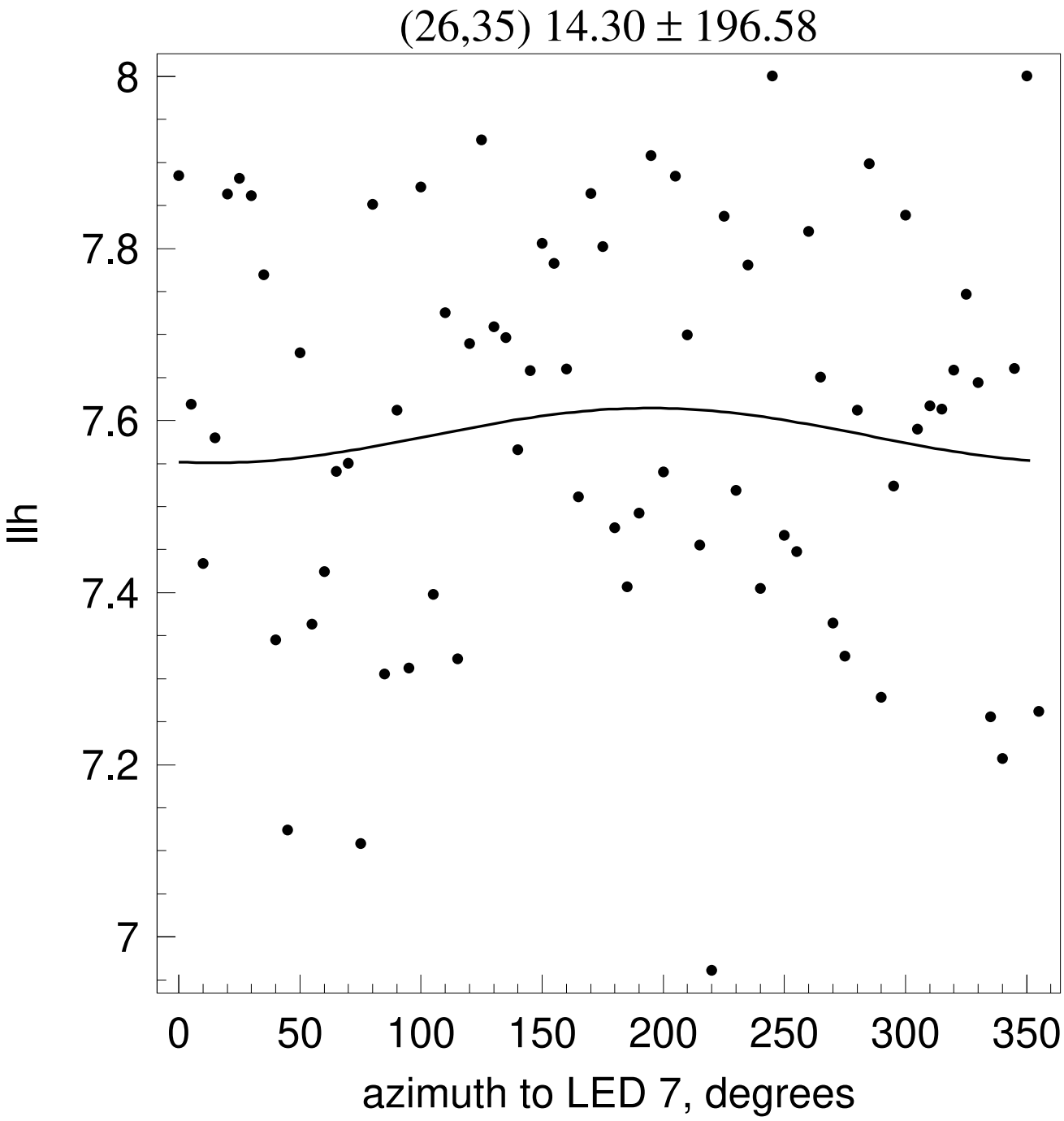

(26,30) 180.95 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

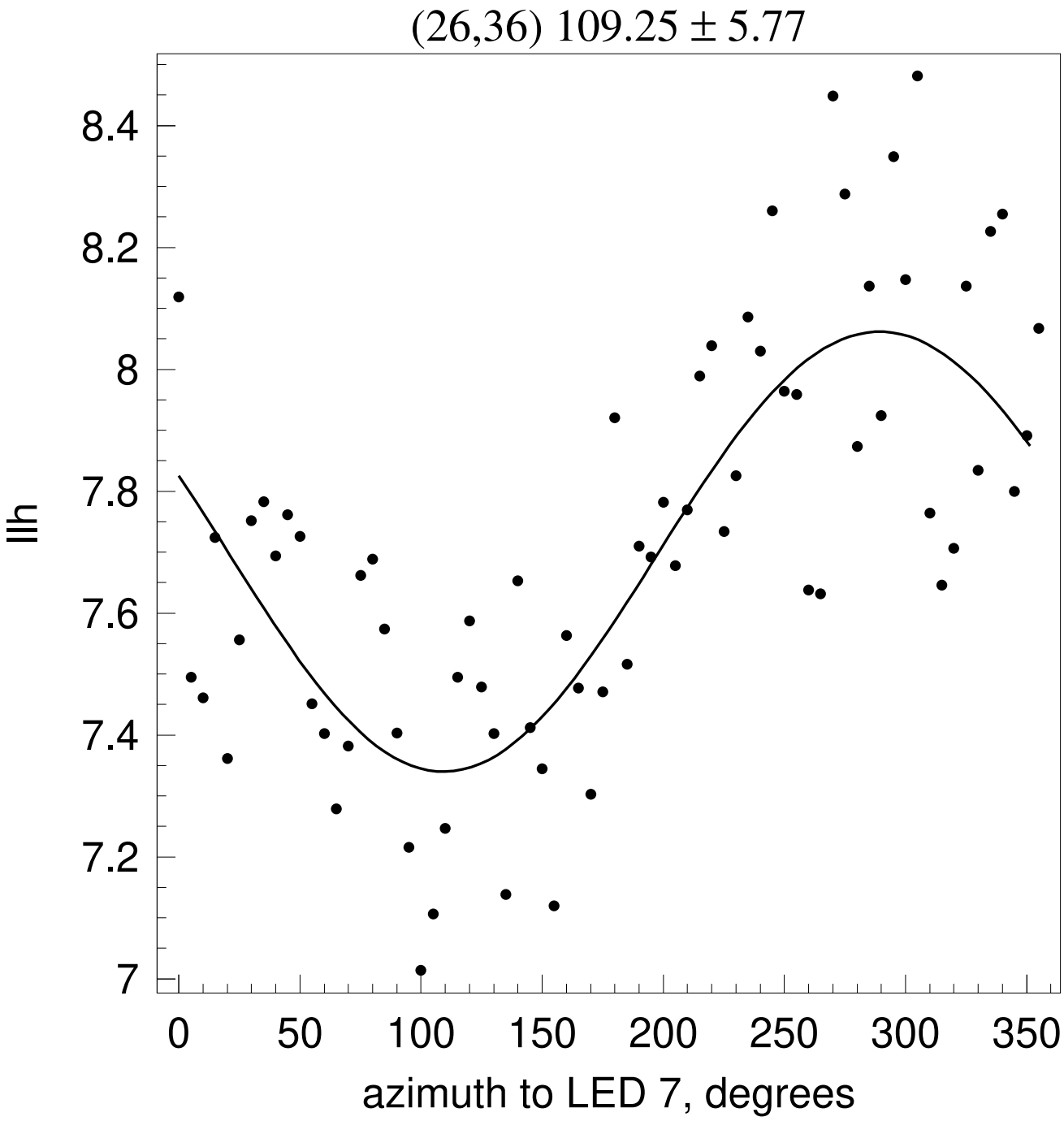

(26,31) 193.55 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

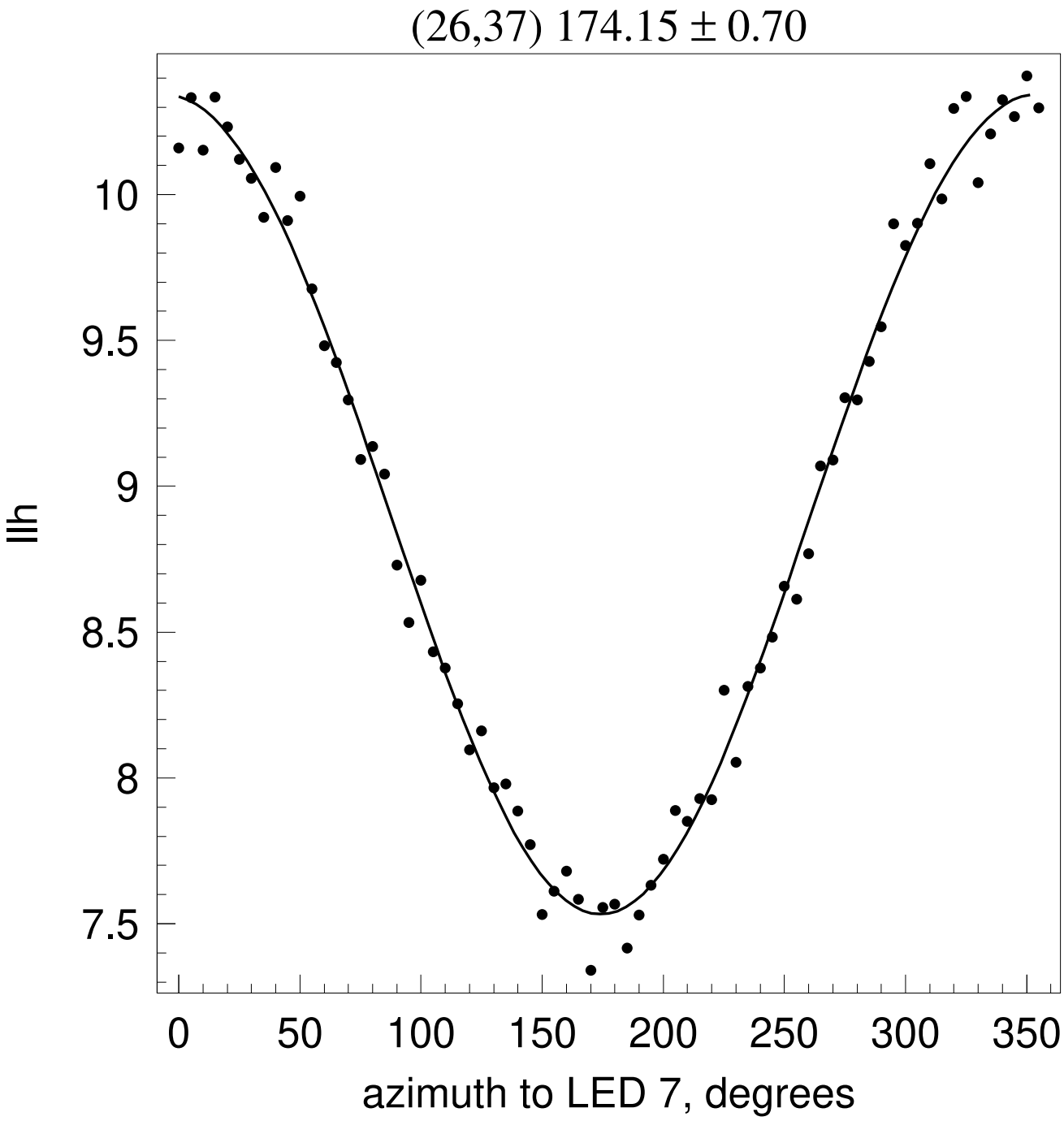

(26,32) 105.66 ± 0.10
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

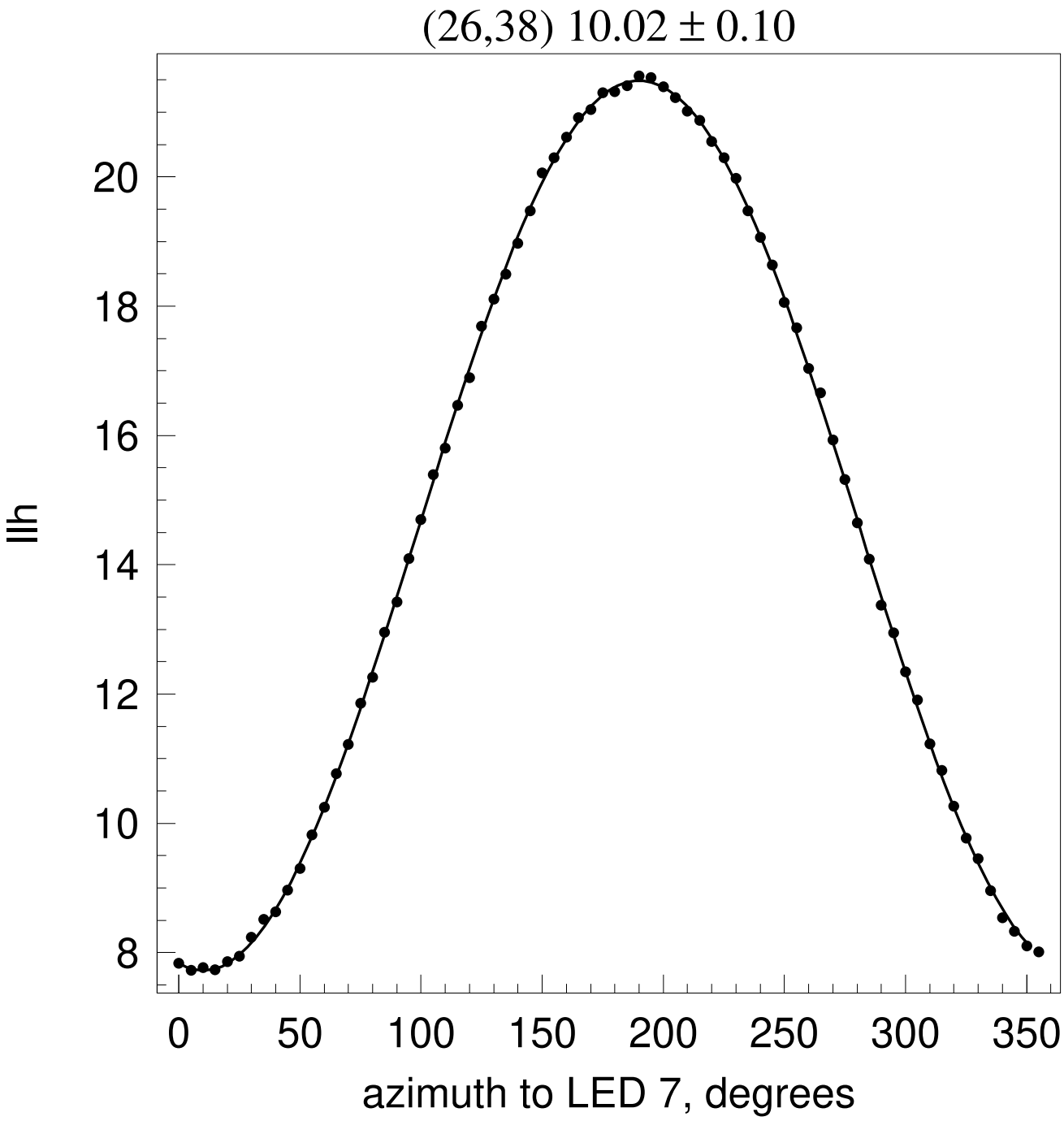

(26,33) 349.07 ± 0.89
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

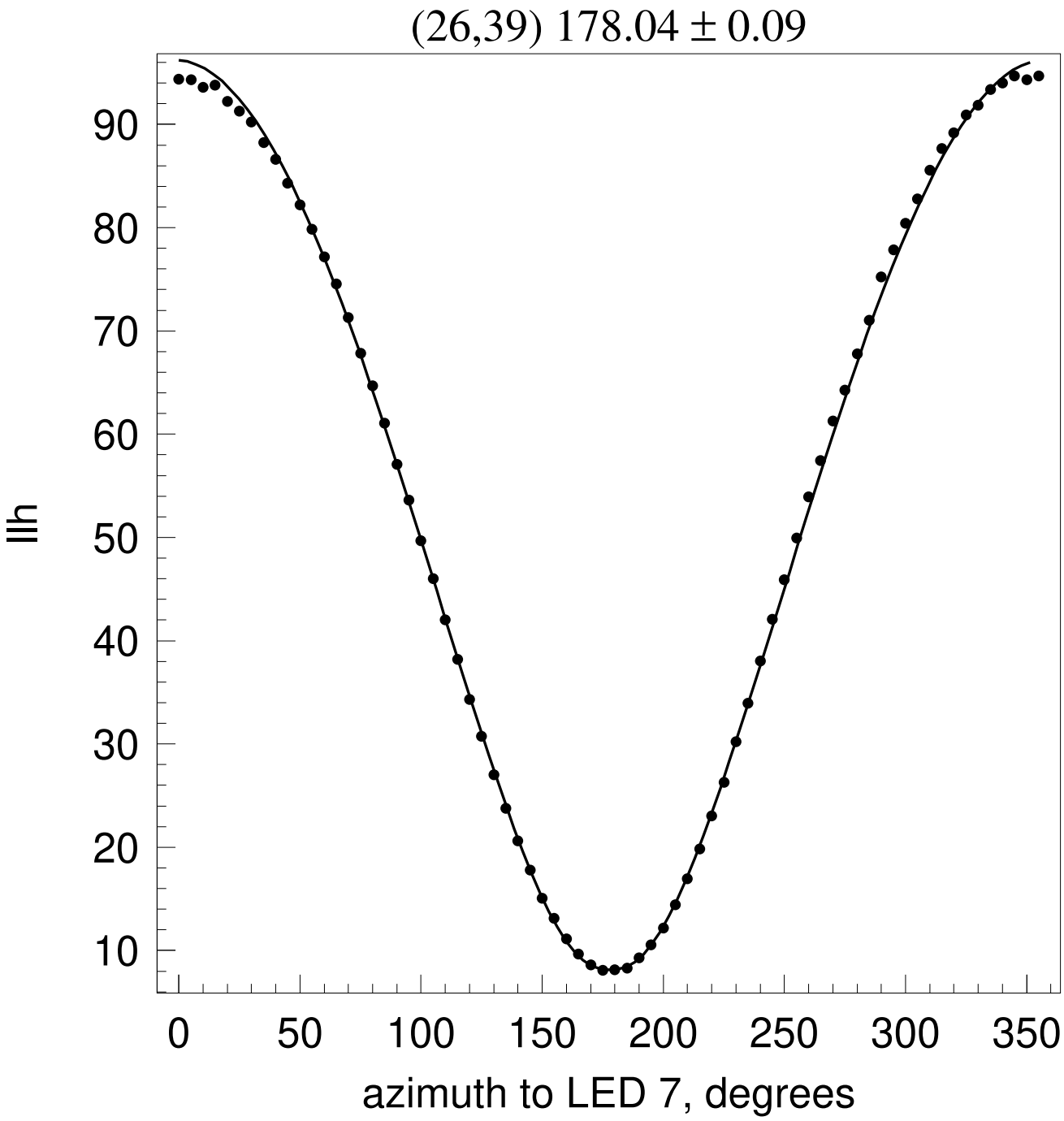

(26,34) 245.86 ± 1.59
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

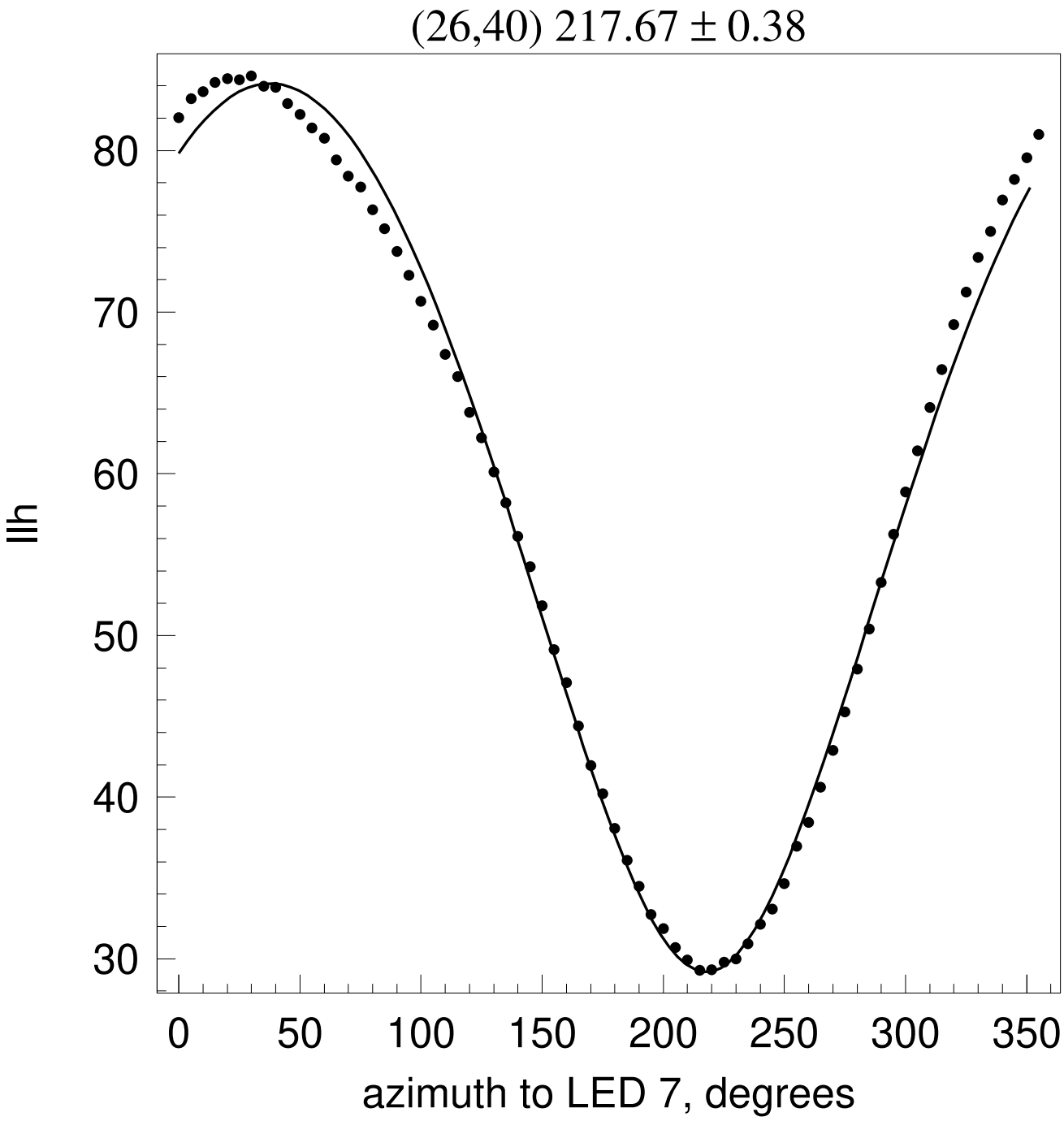

(26,35) 14.30 ± 196.58
8
7.8
7.6
7.4
7.2
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

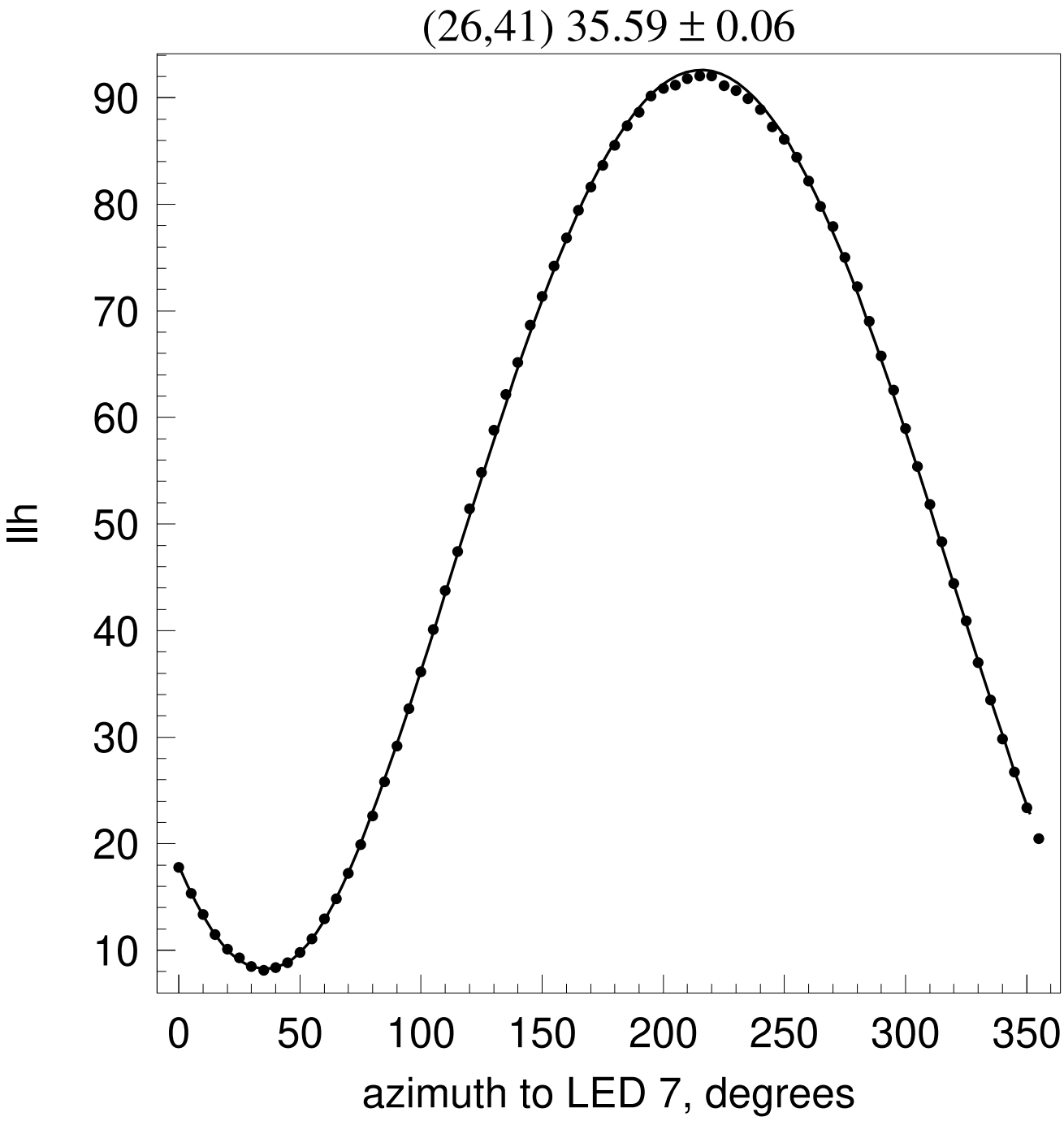

(26,36) 109.25 ± 5.77
8.4
8.2
8
7.8
7.6
7.4
7.2
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

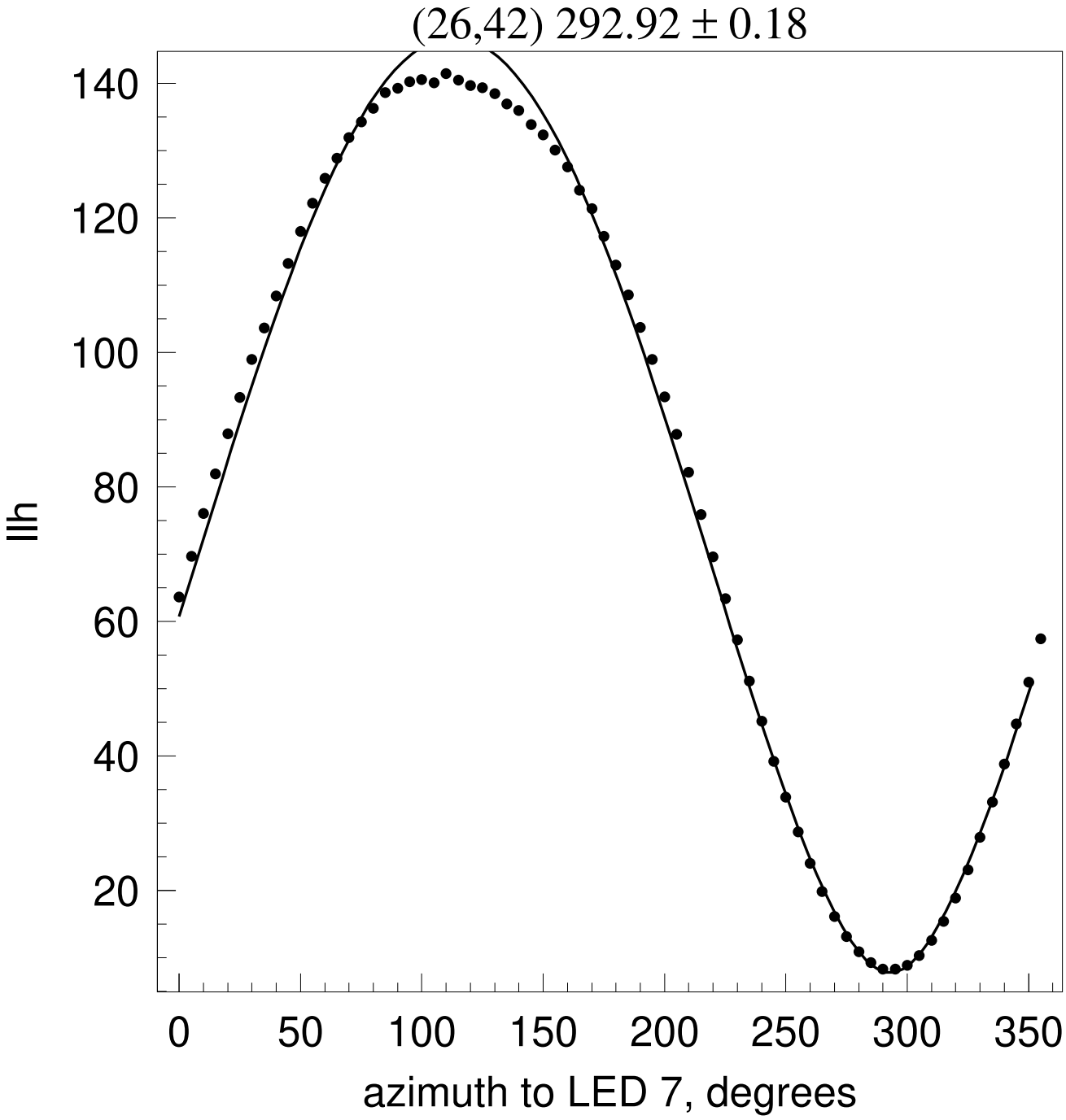

(26,37) 174.15 ± 0.70
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

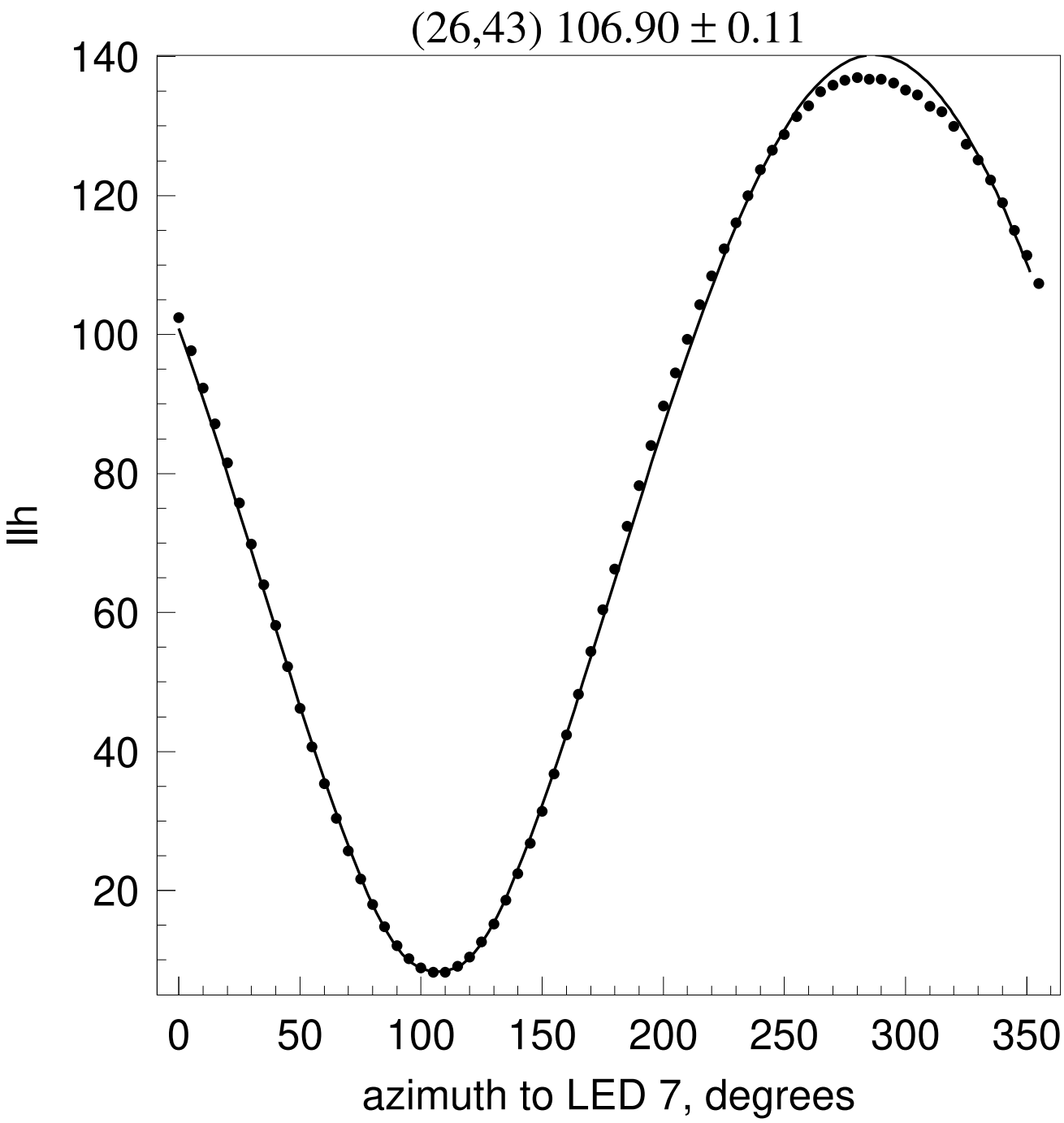

(26,38) 10.02 ± 0.10
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

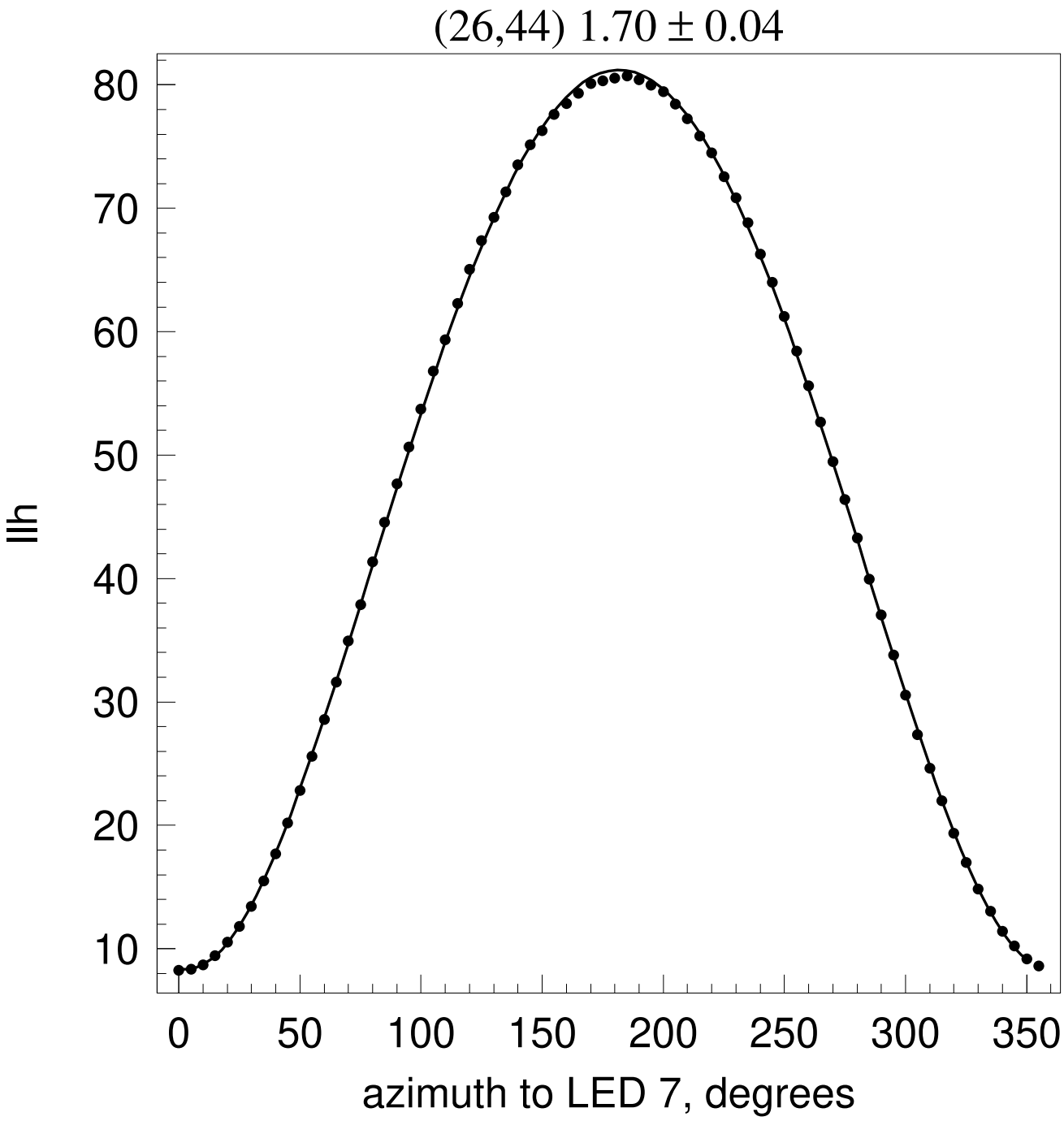

(26,39) 178.04 ± 0.09
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

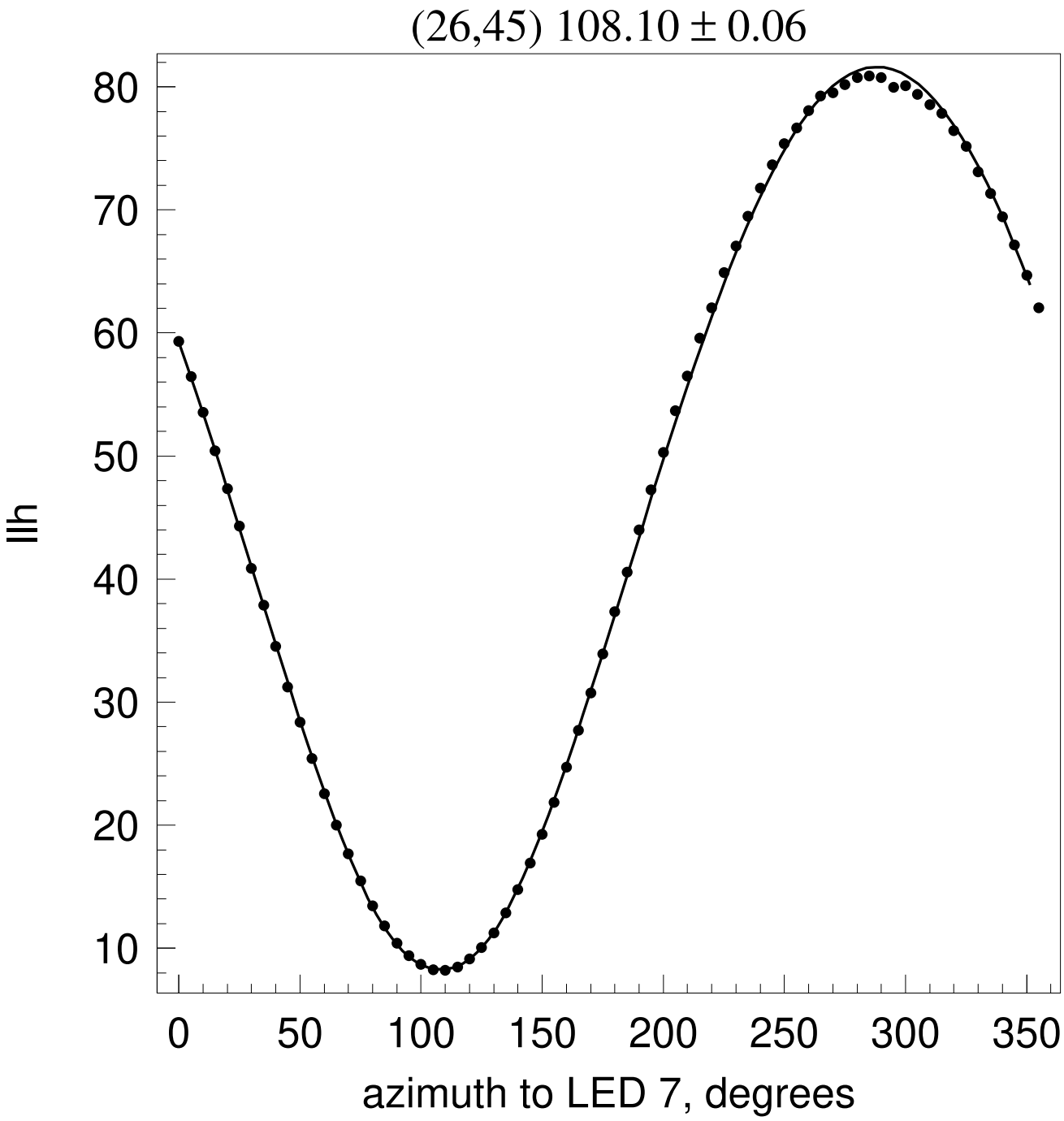

(26,40) 217.67 ± 0.38
80
70
60
50
40
30
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

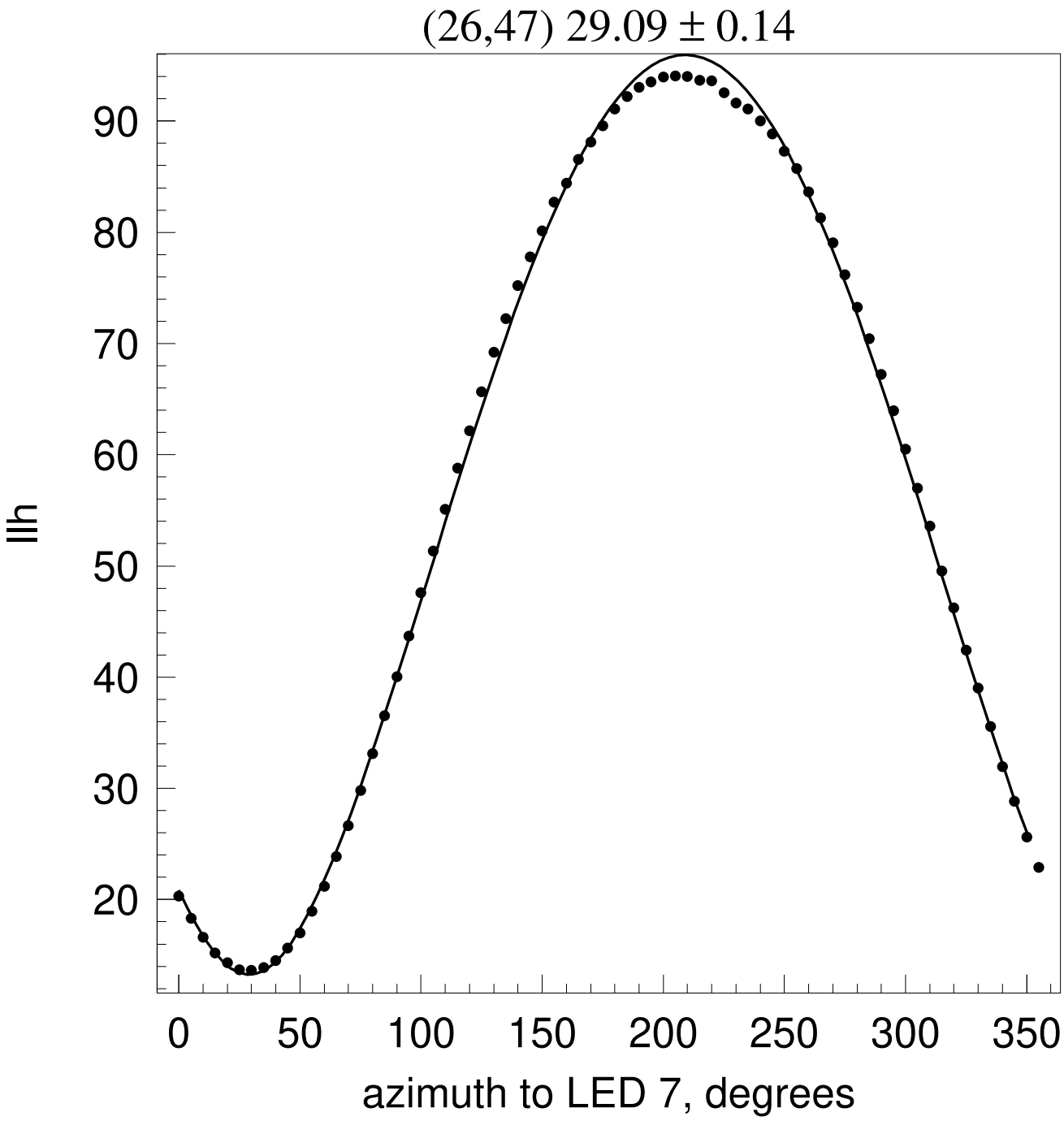

(26,41) 35.59 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

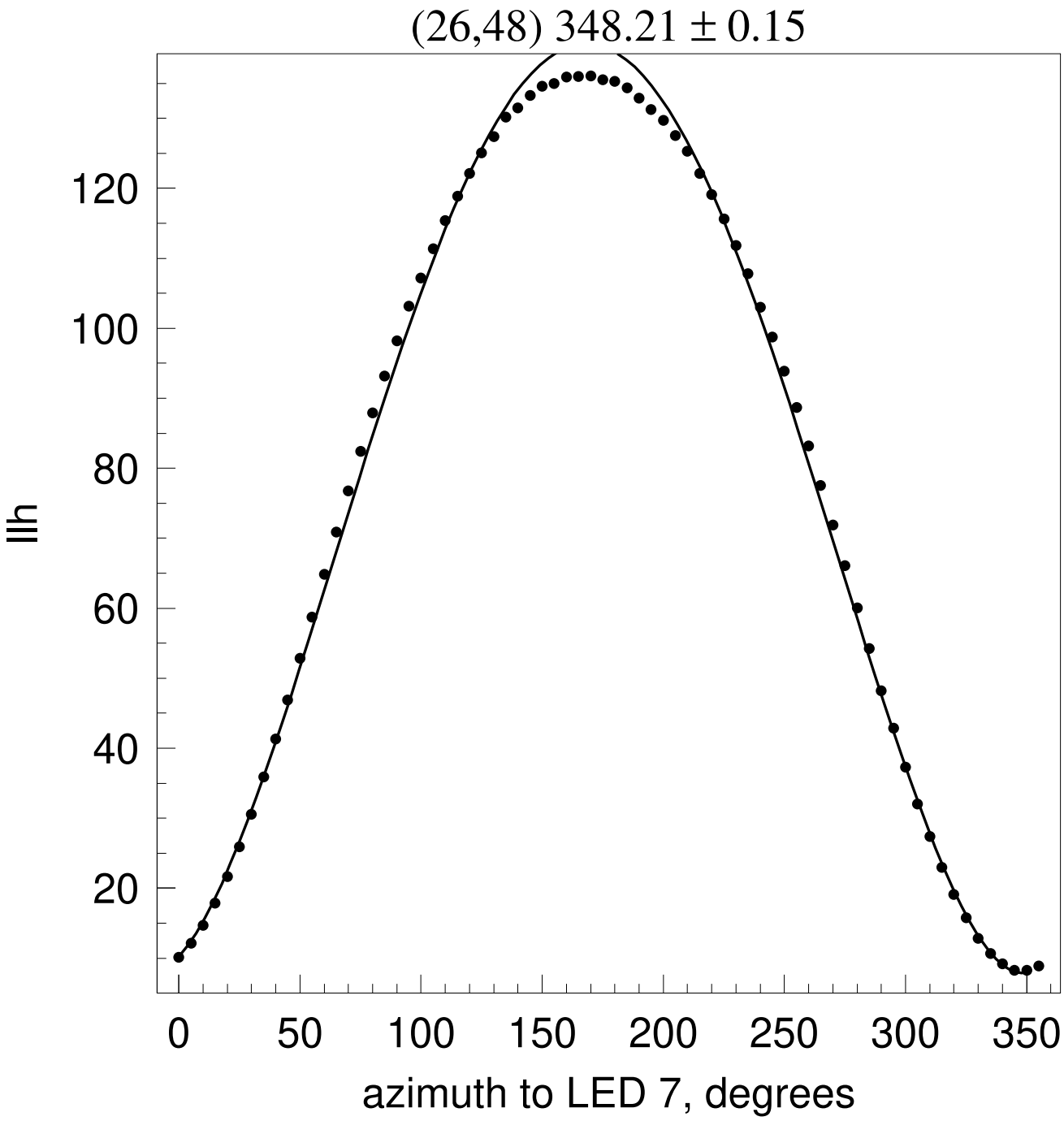

(26,42) 292.92 ± 0.18
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

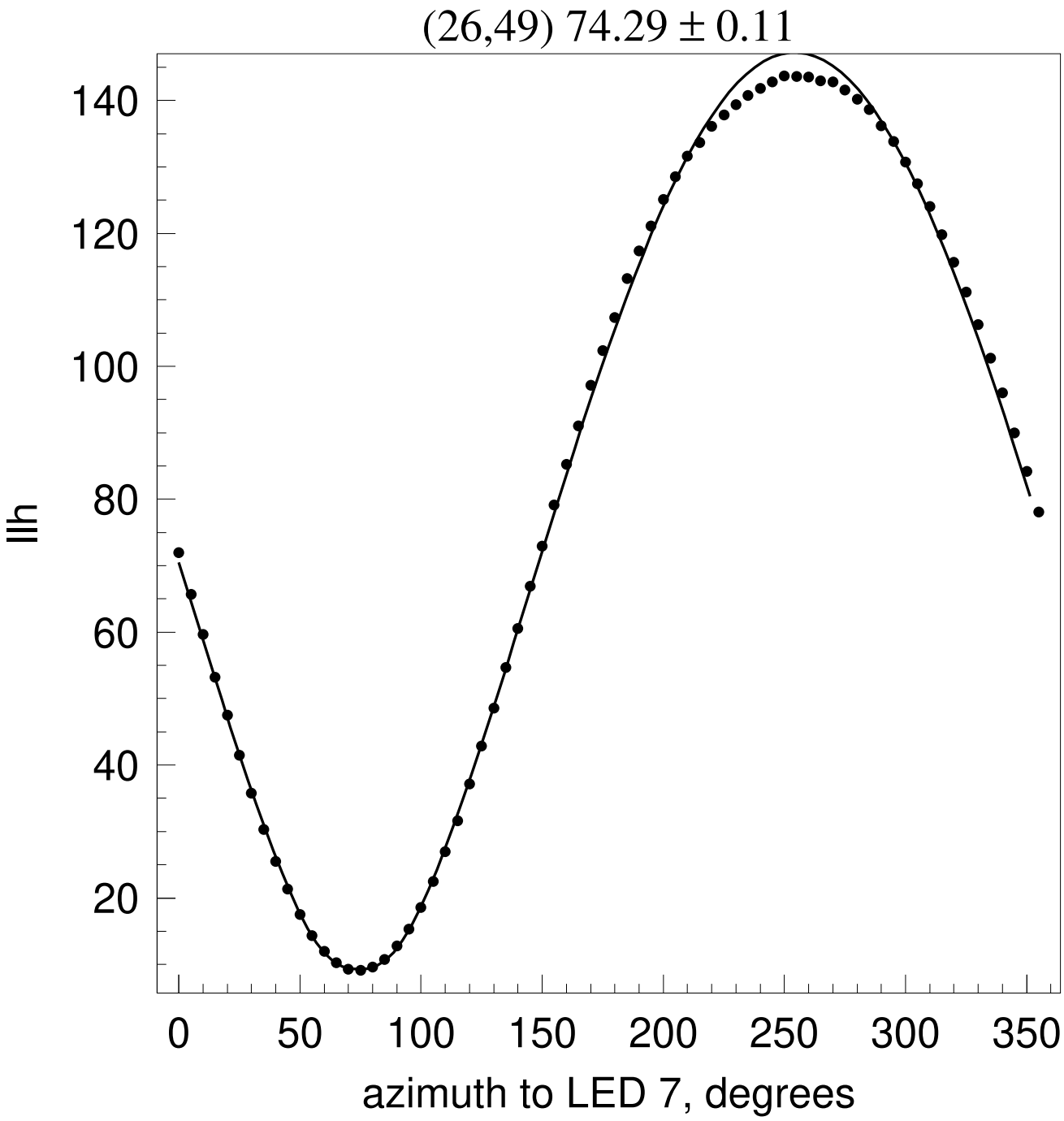

(26,43) 106.90 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

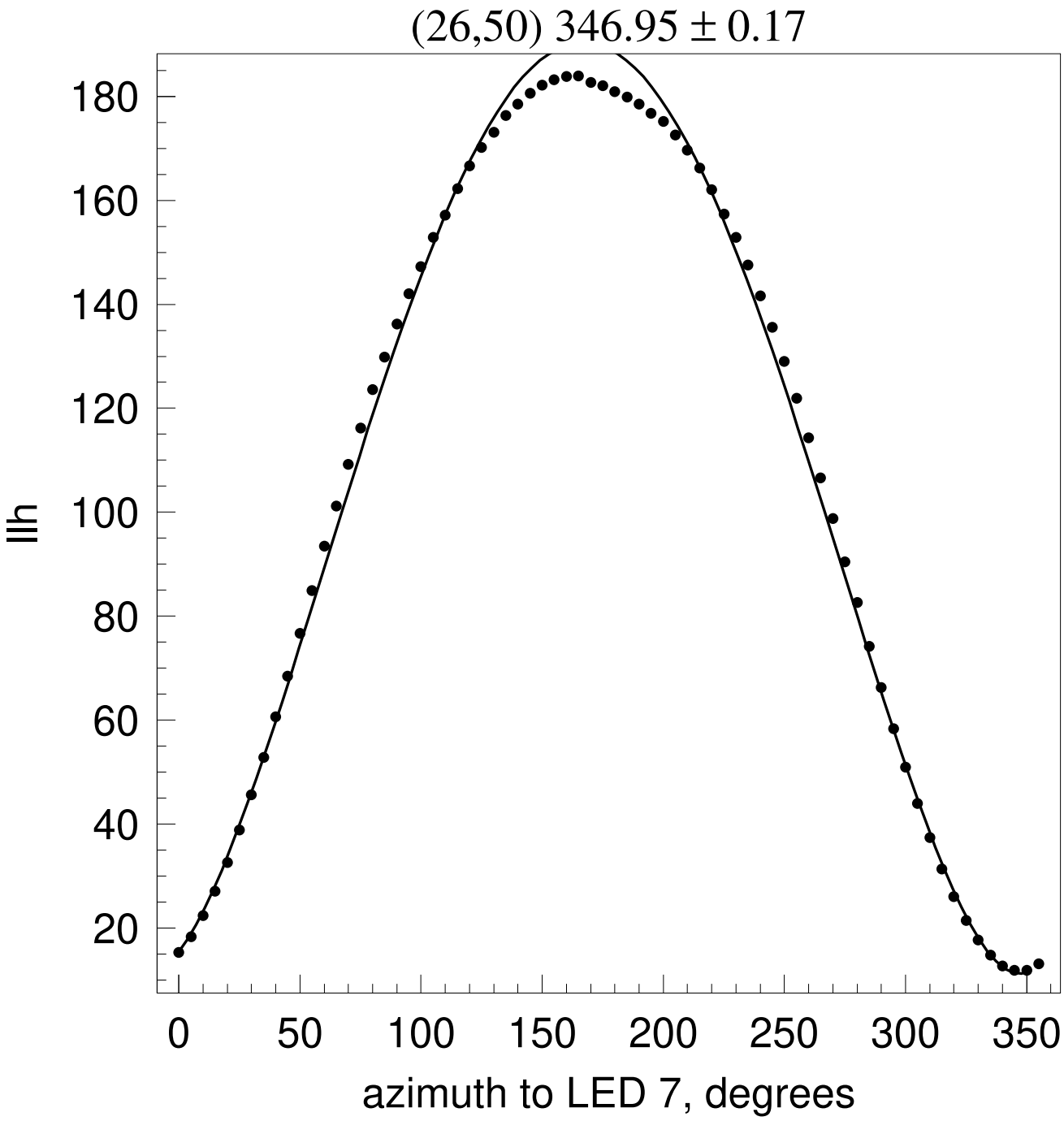

(26,44) 1.70 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

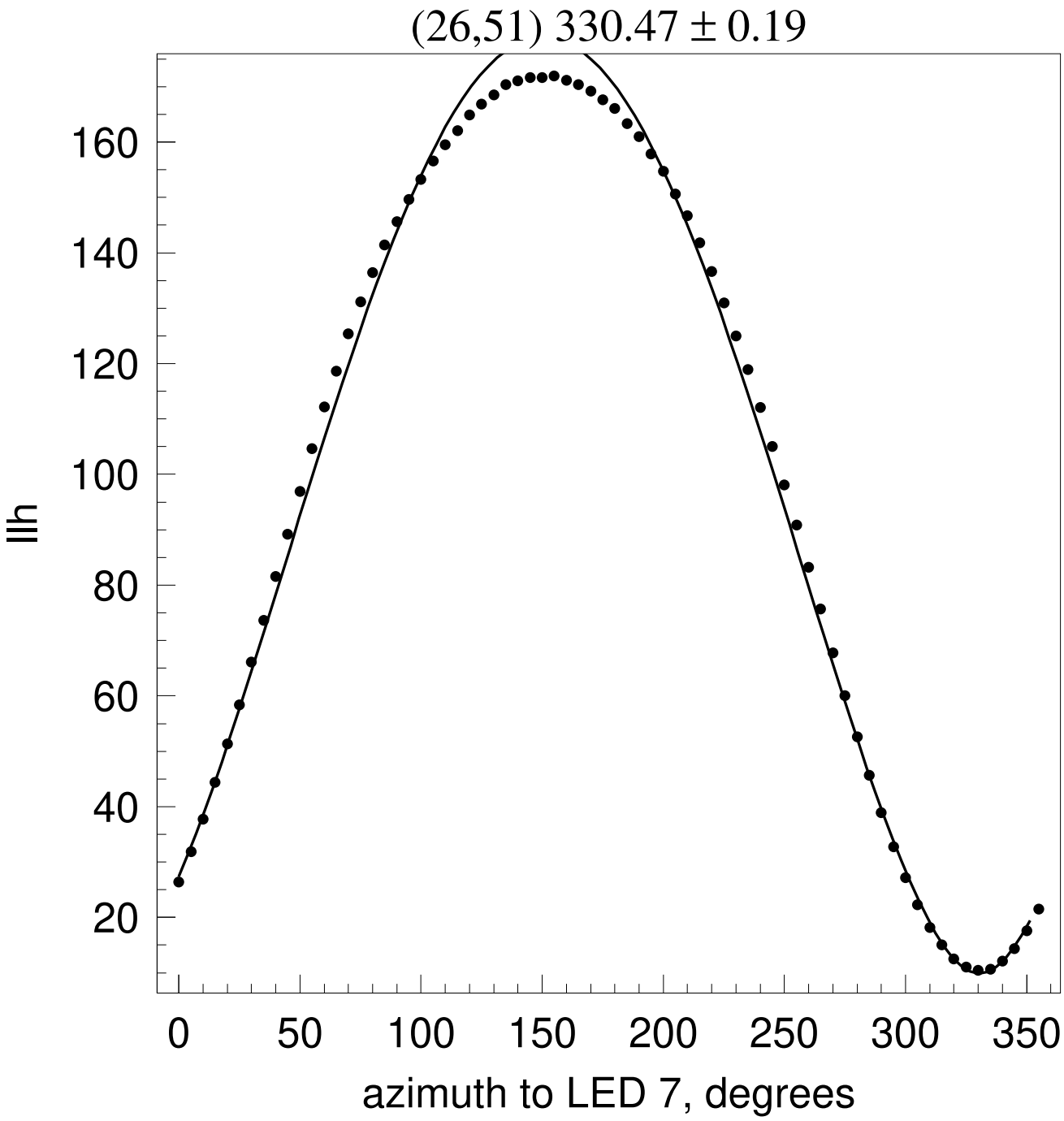

(26,45) 108.10 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

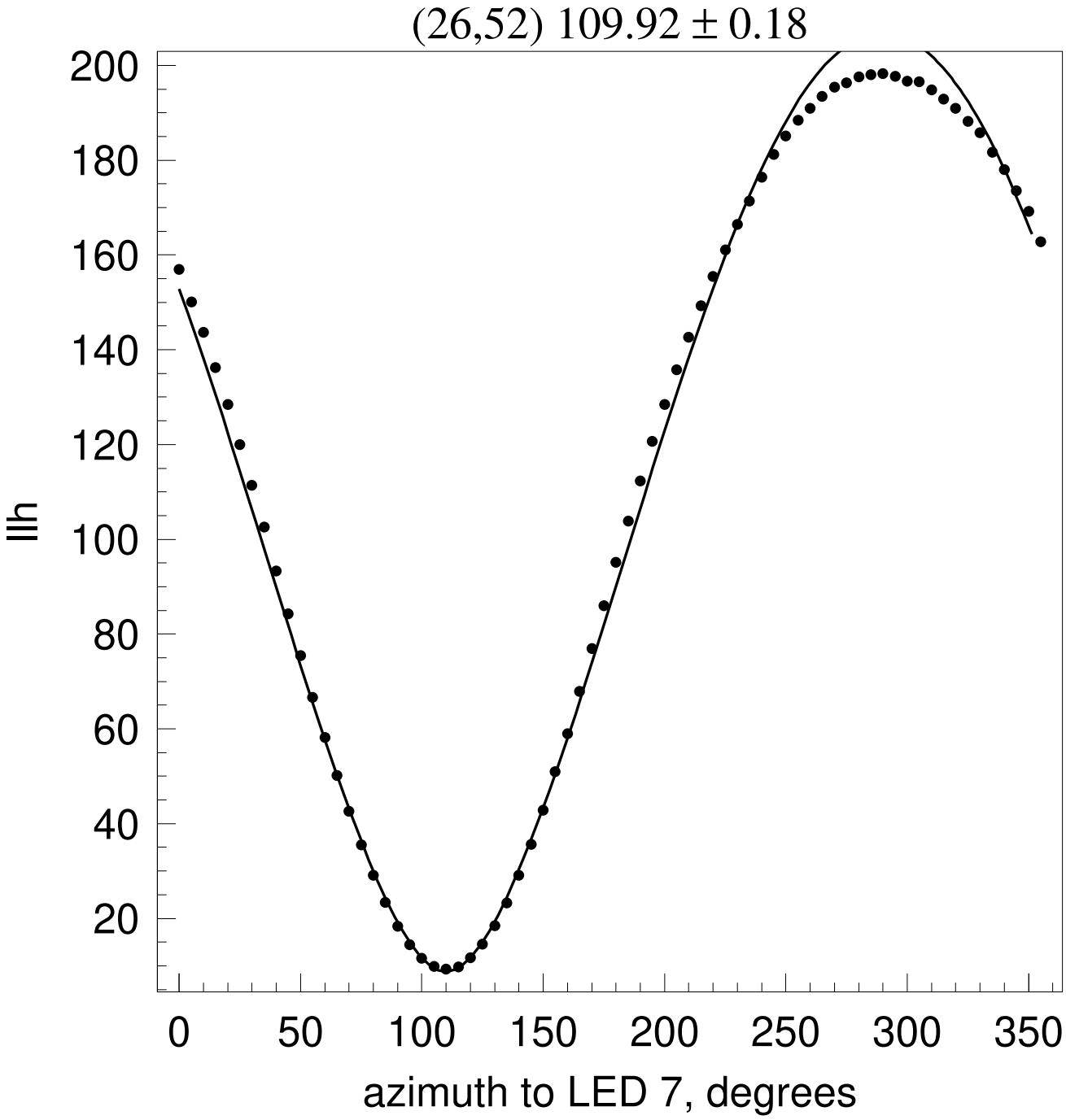

(26,47) 29.09 ± 0.14
llh
90
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

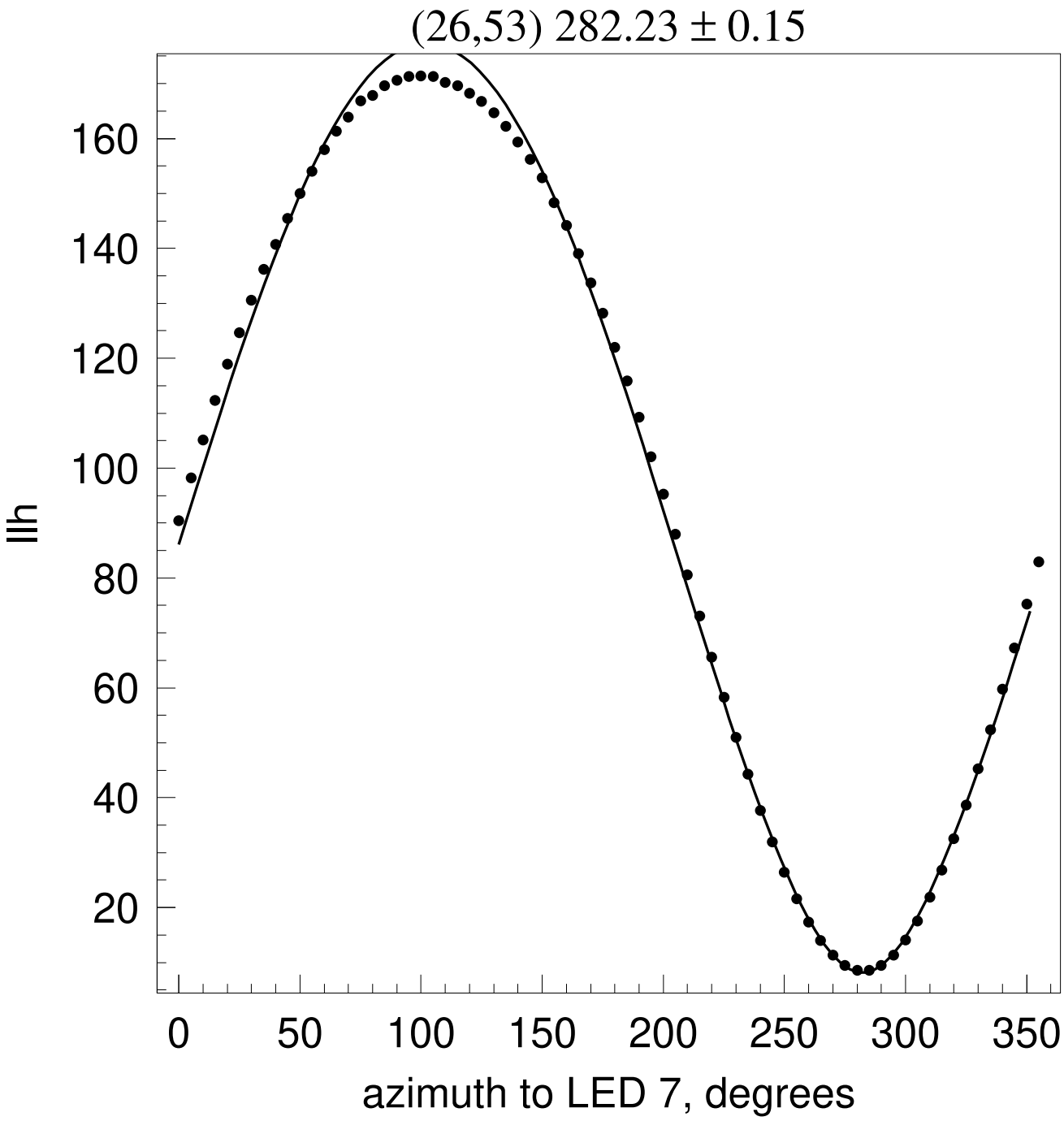

(26,48) 348.21 ± 0.15
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

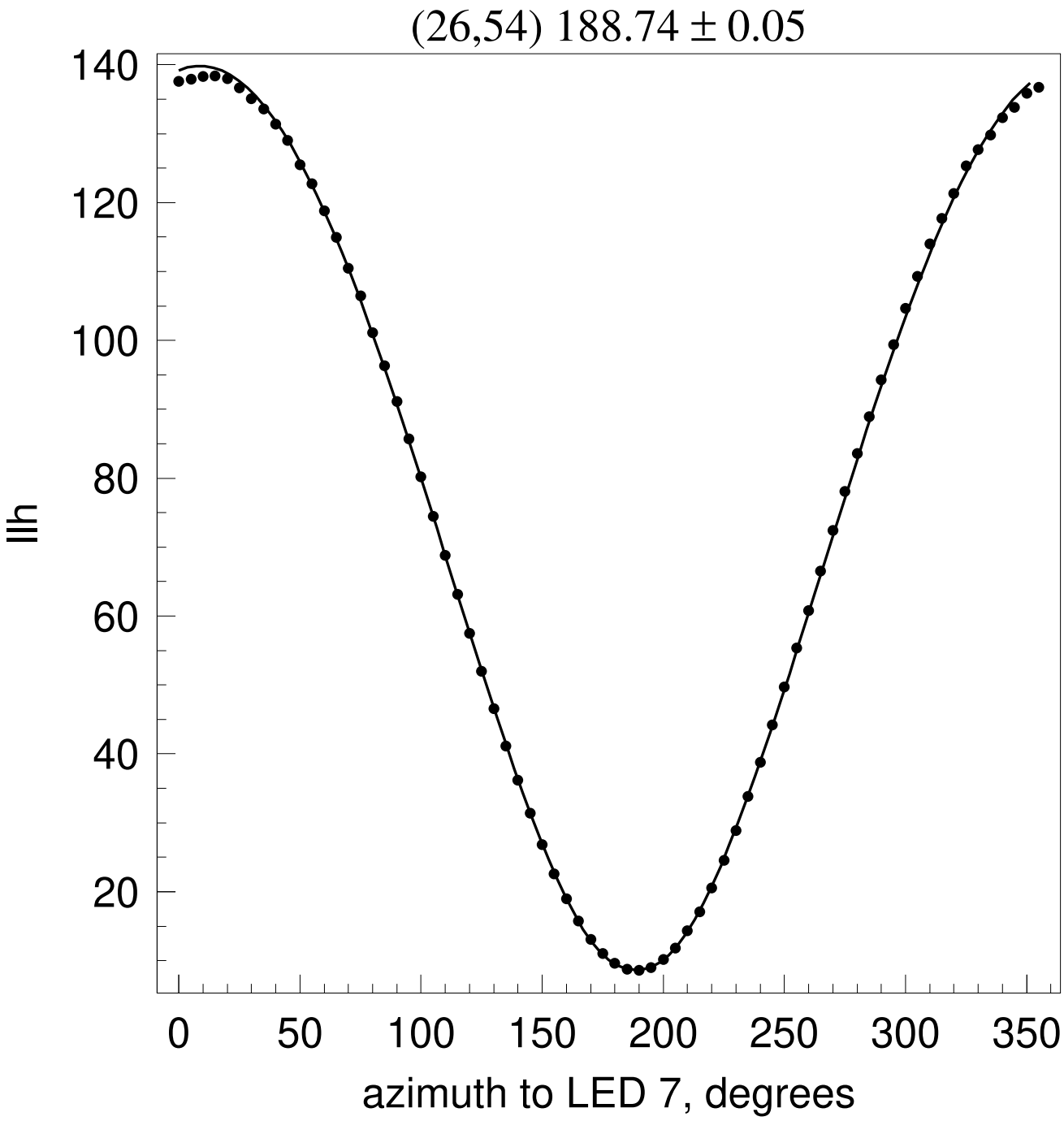

(26,49) 74.29 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

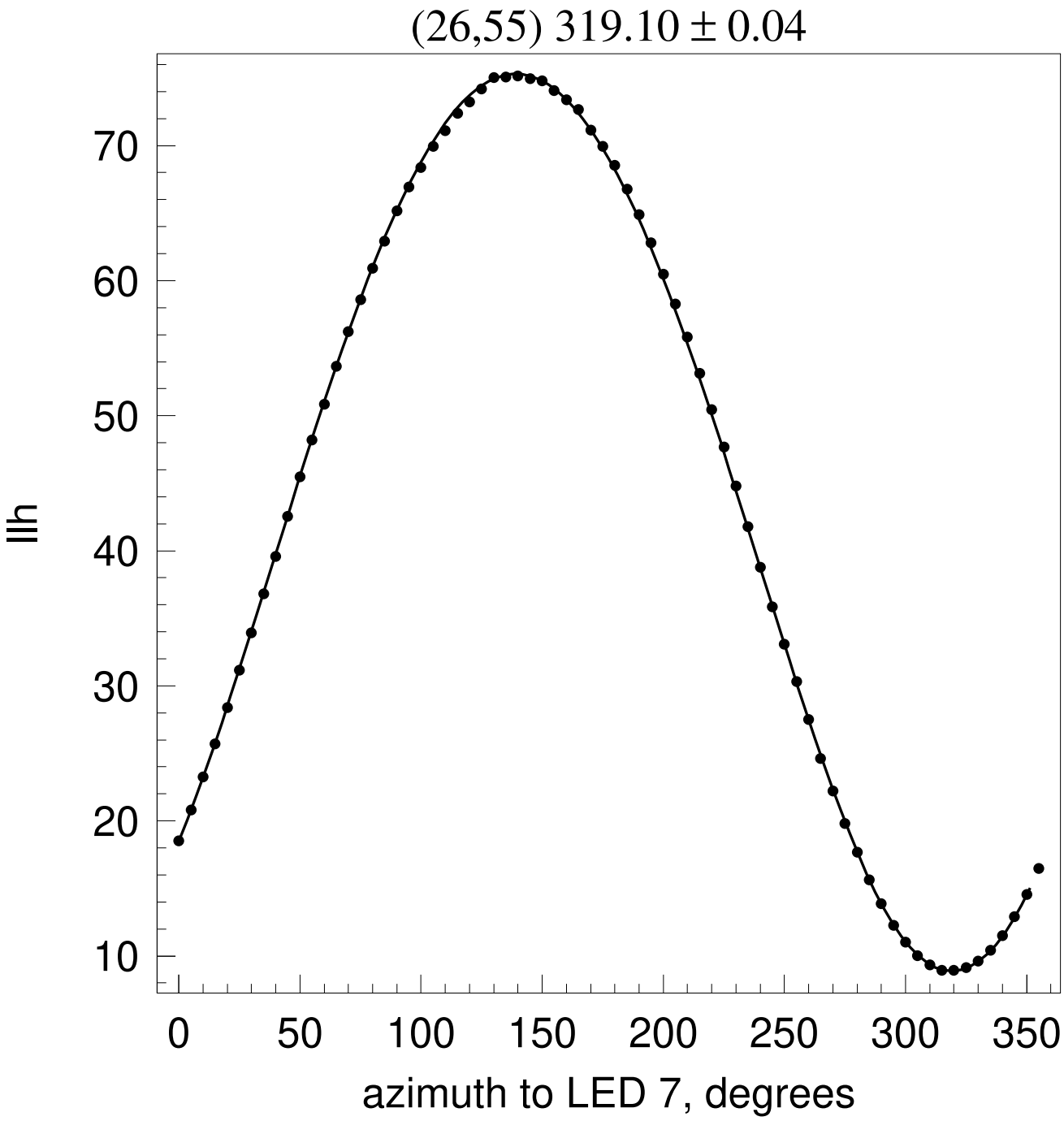

(26,50) 346.95 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

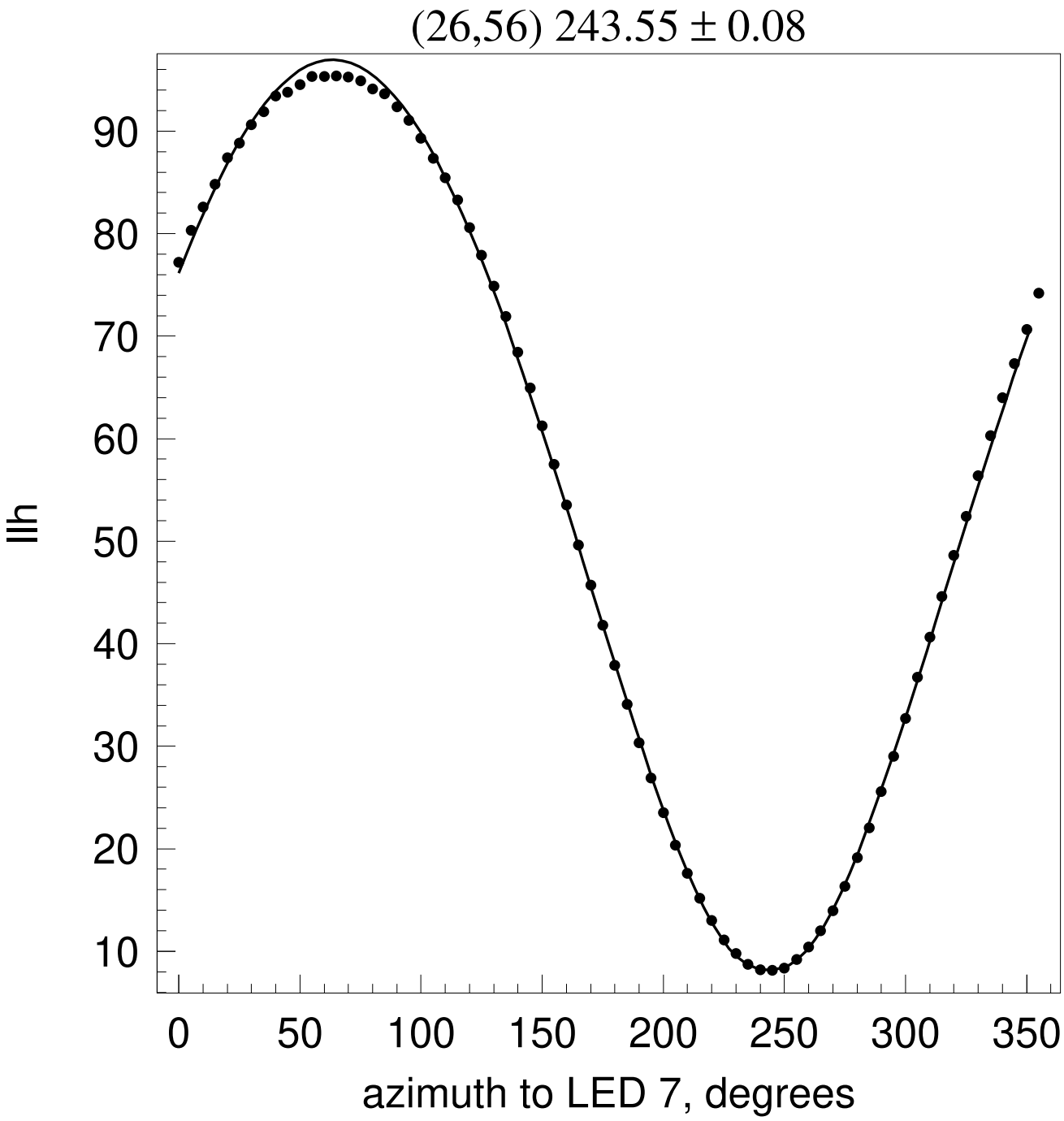

(26,51) 330.47 ± 0.19
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

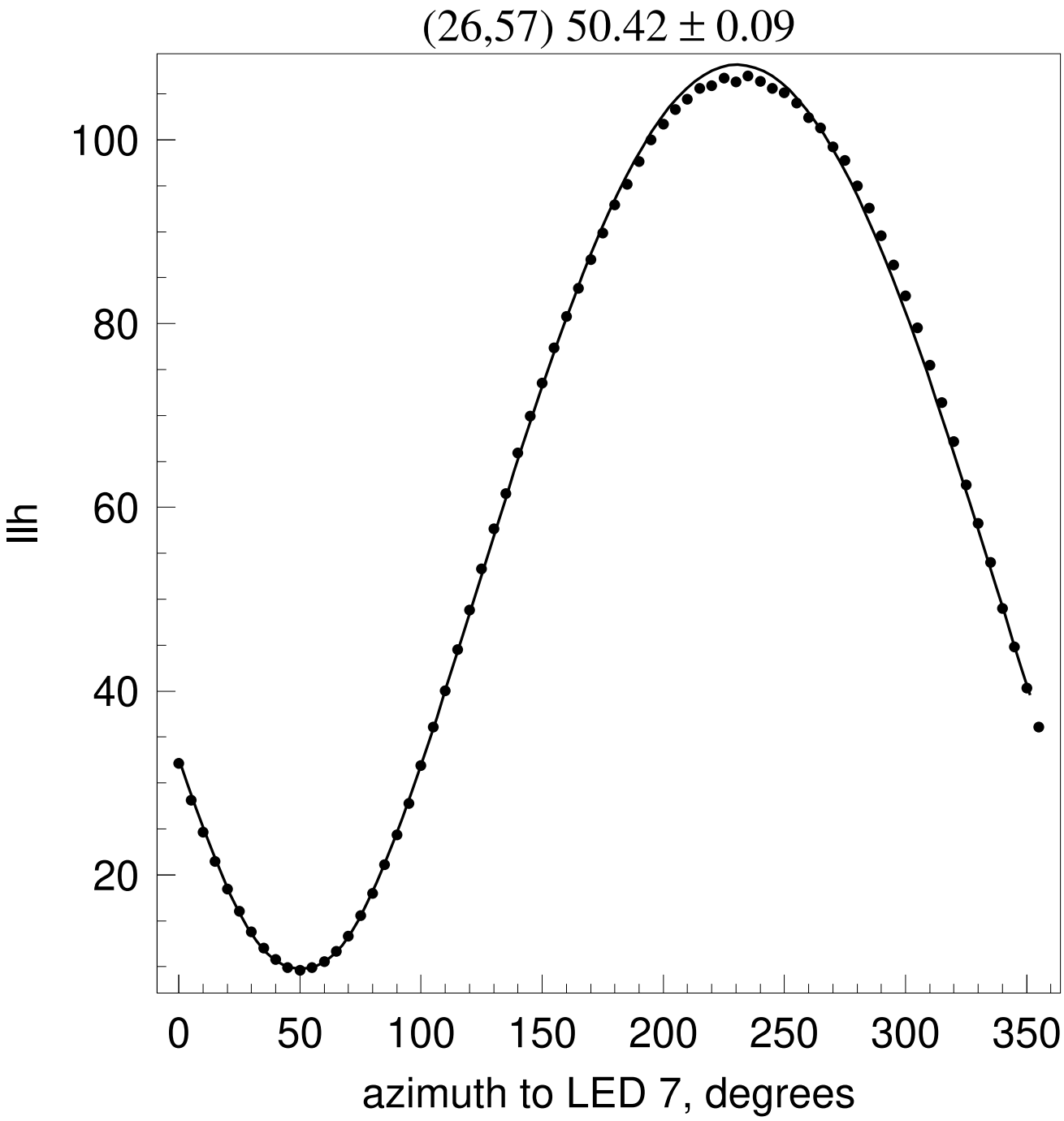

(26,52) 109.92 ± 0.18
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

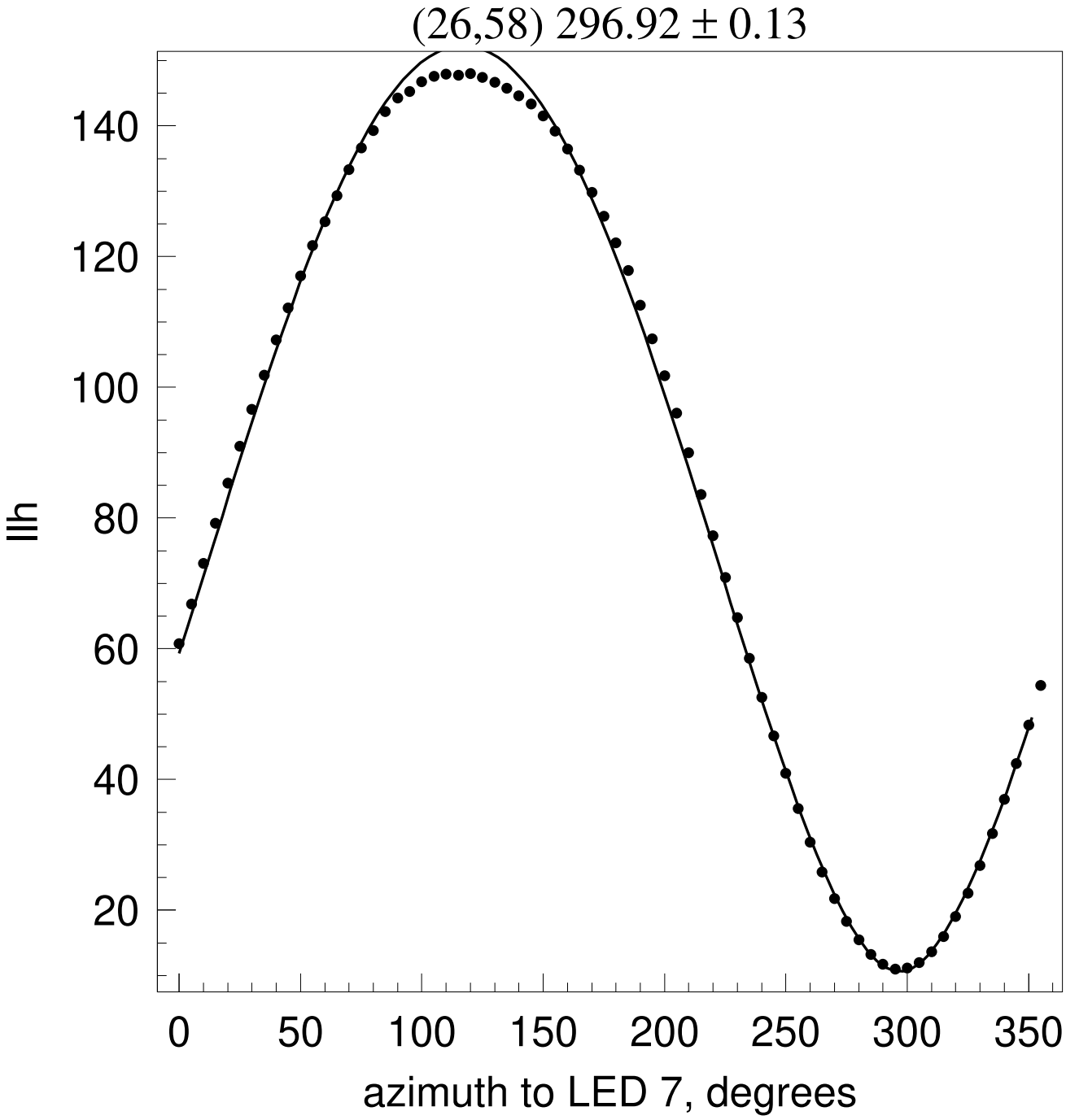

(26,53) 282.23 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

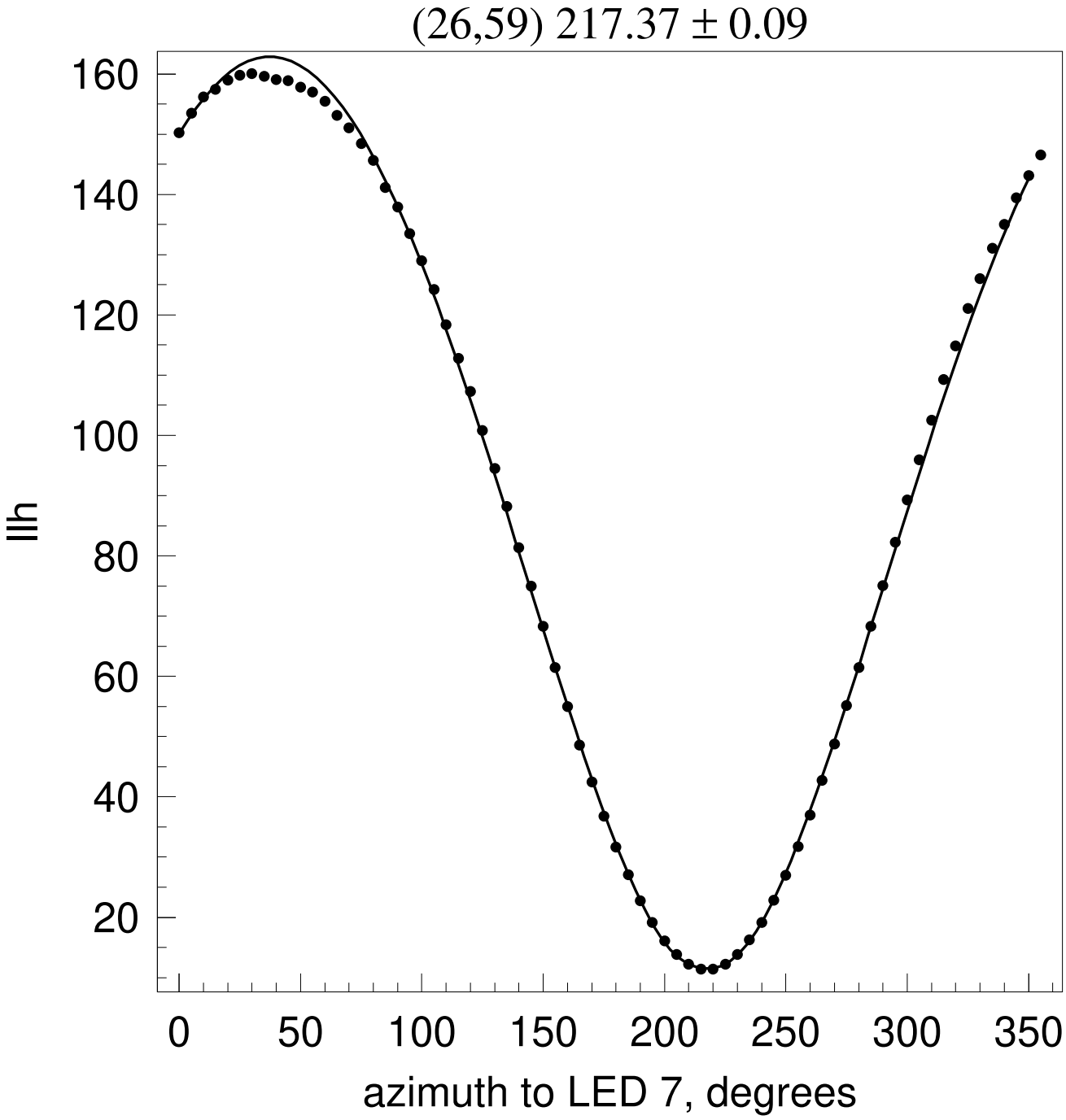

(26,54) 188.74 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

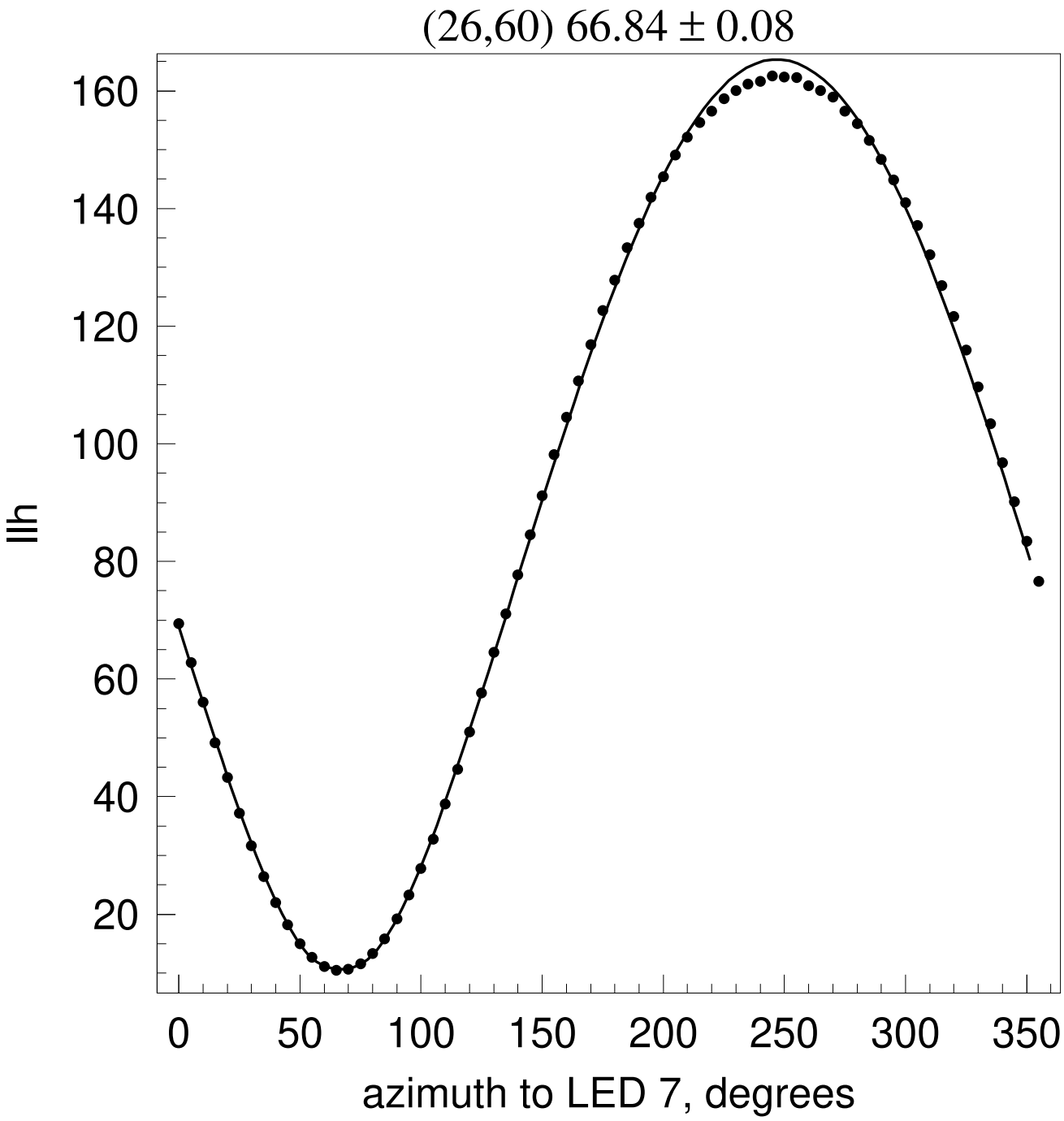

(26,55) 319.10 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

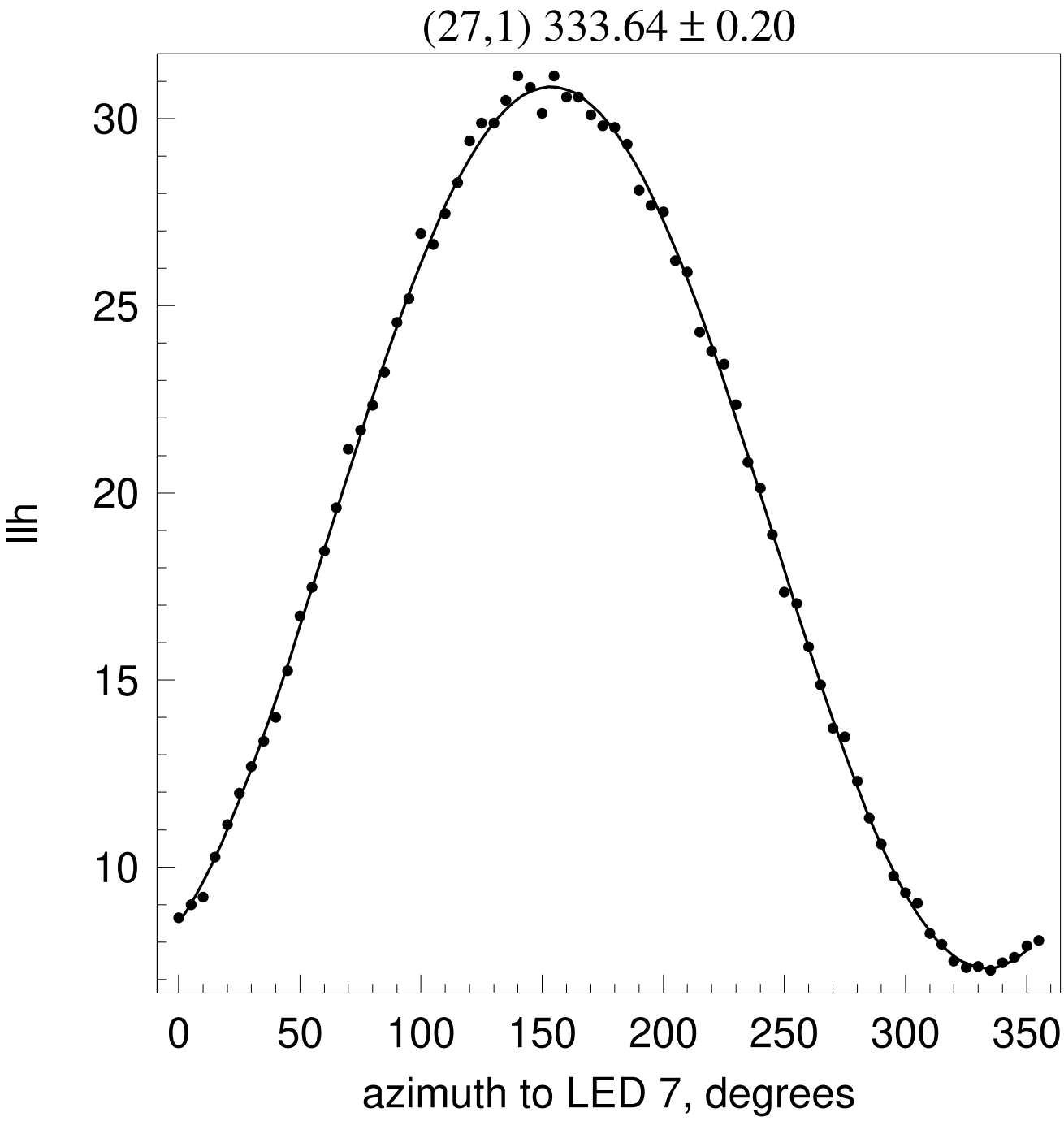

(26,56) 243.55 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

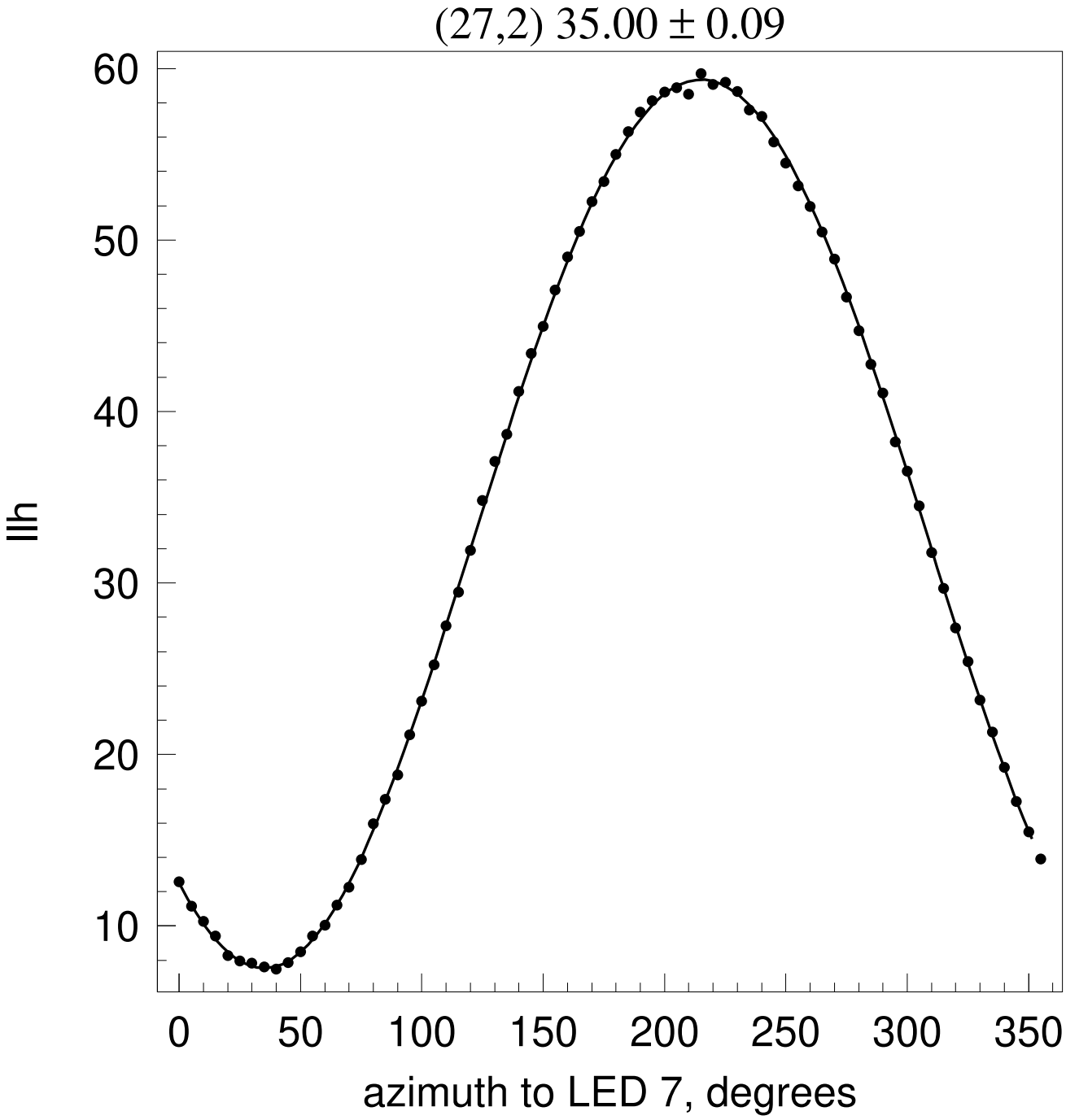

(26,57) 50.42 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

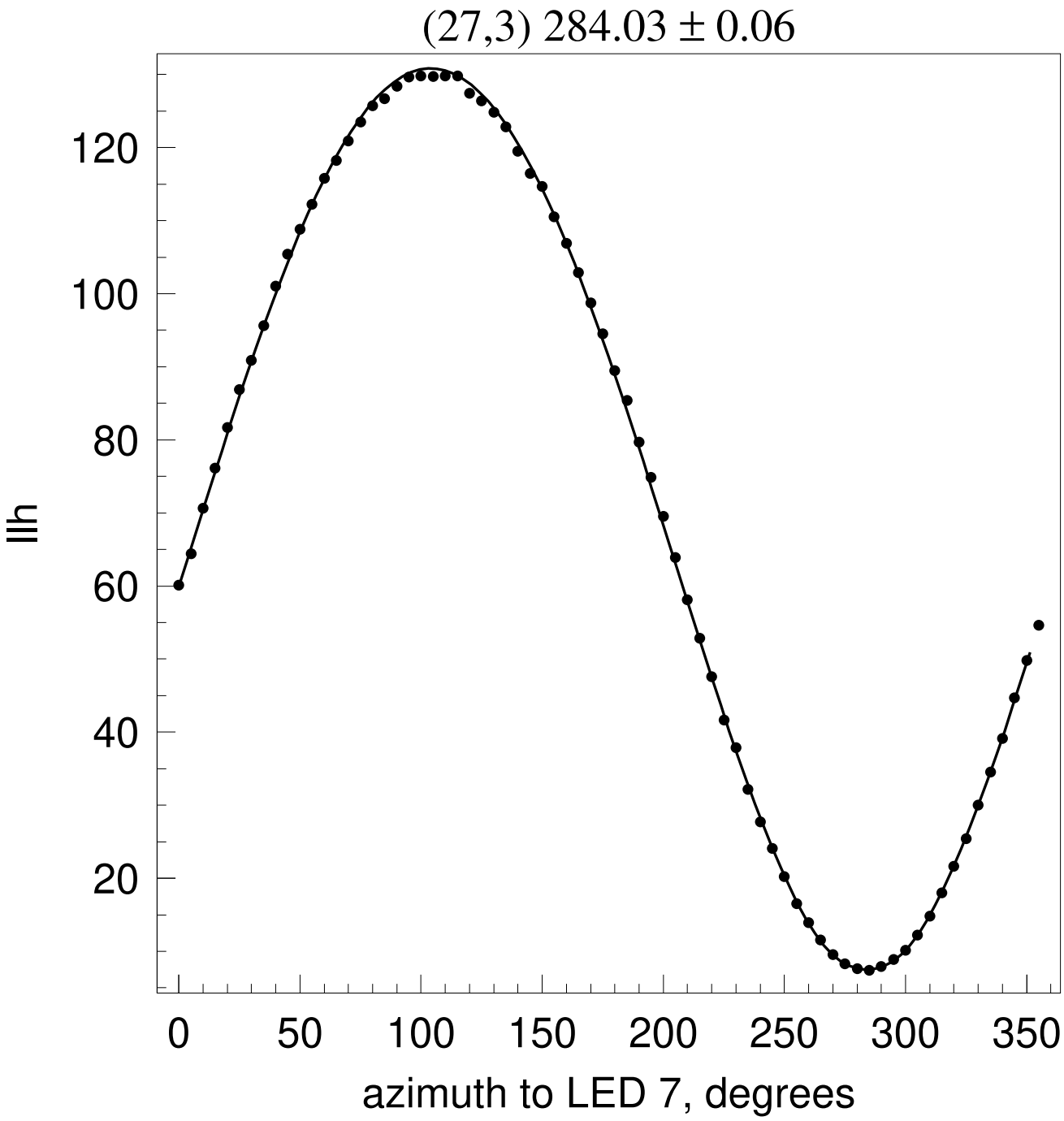

(26,58) 296.92 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

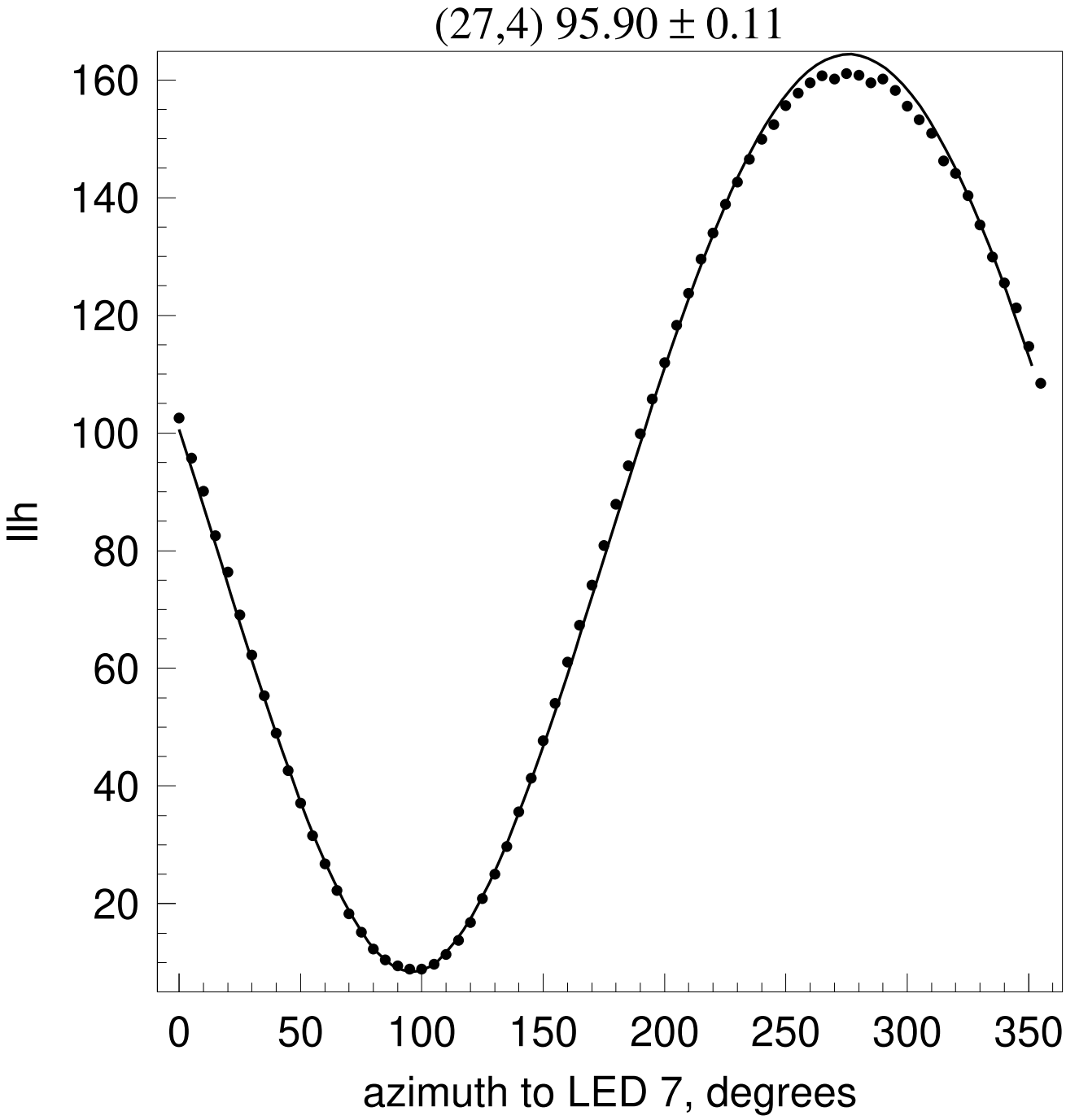

(26,59) 217.37 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

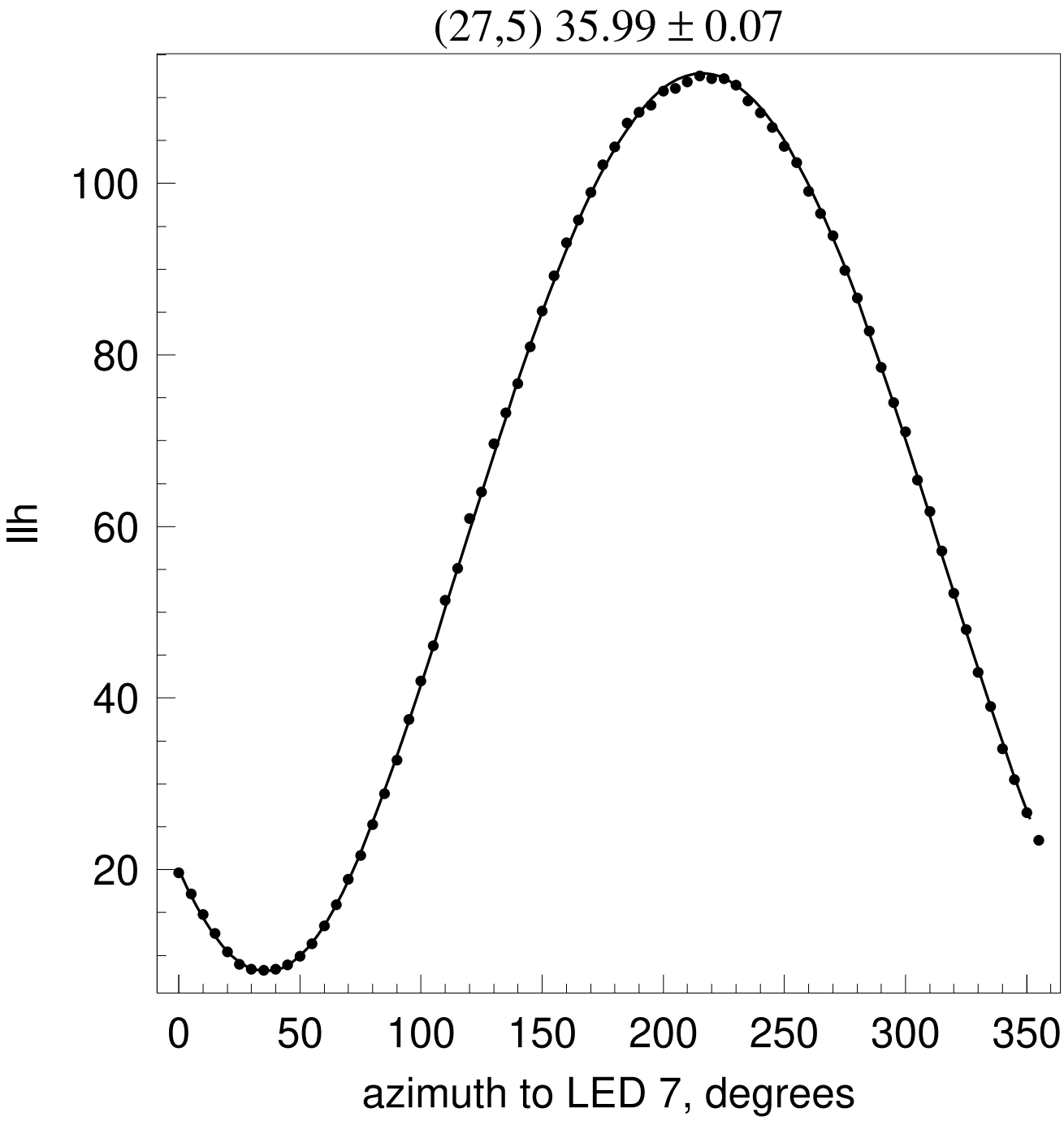

(26,60) 66.84 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

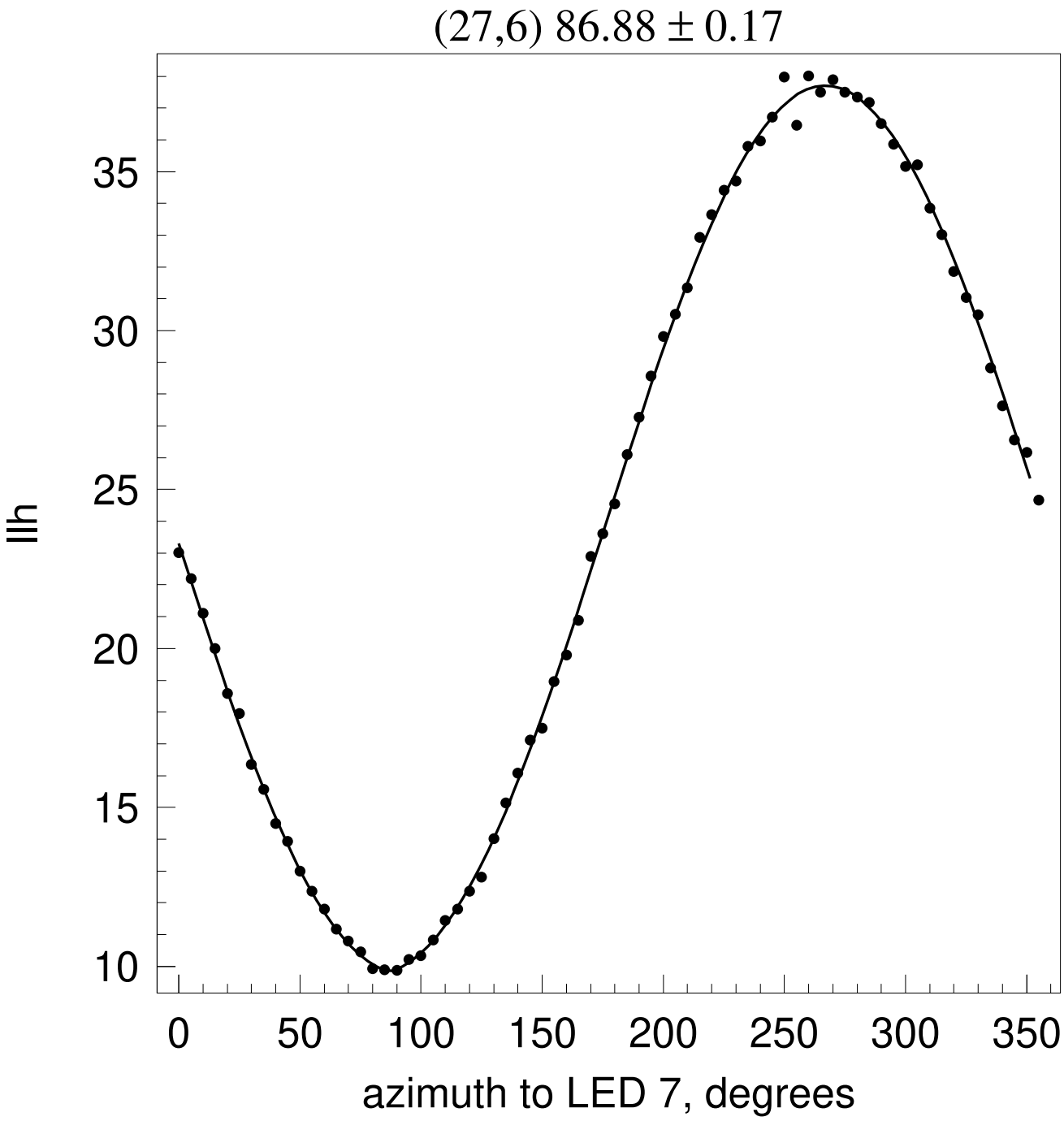

(27,1) 333.64 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

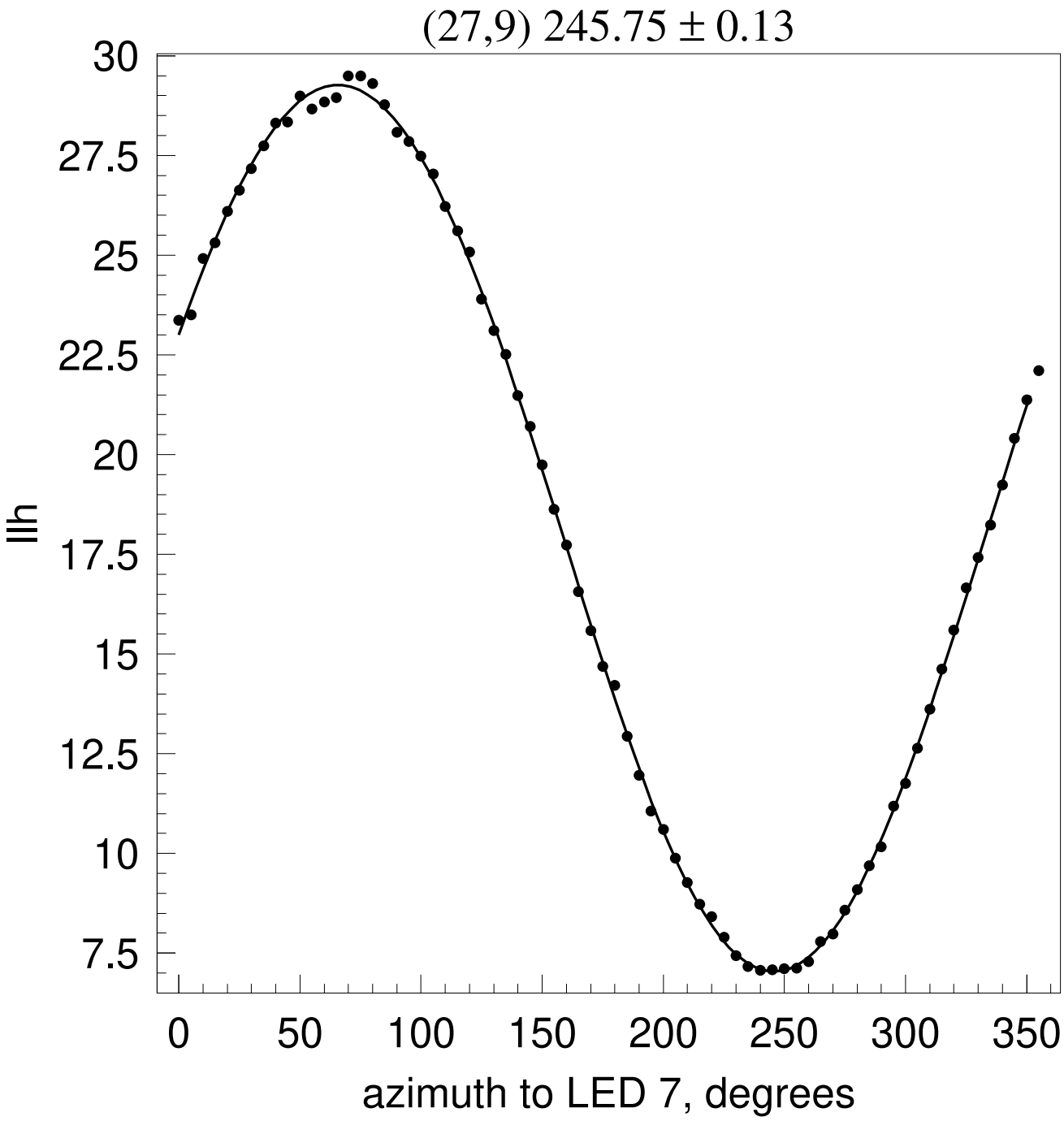

(27,2) 35.00 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

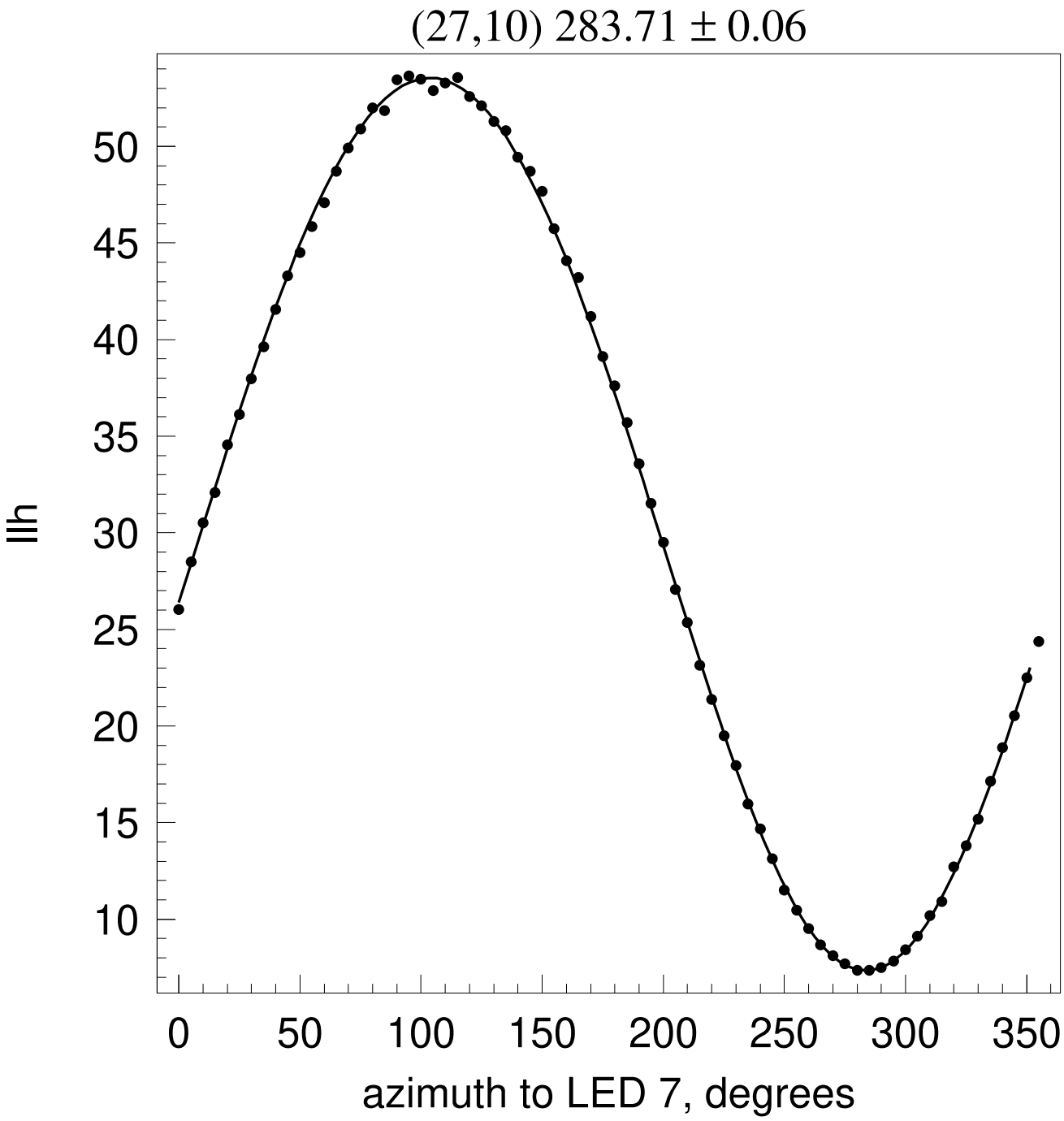

(27,3) 284.03 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

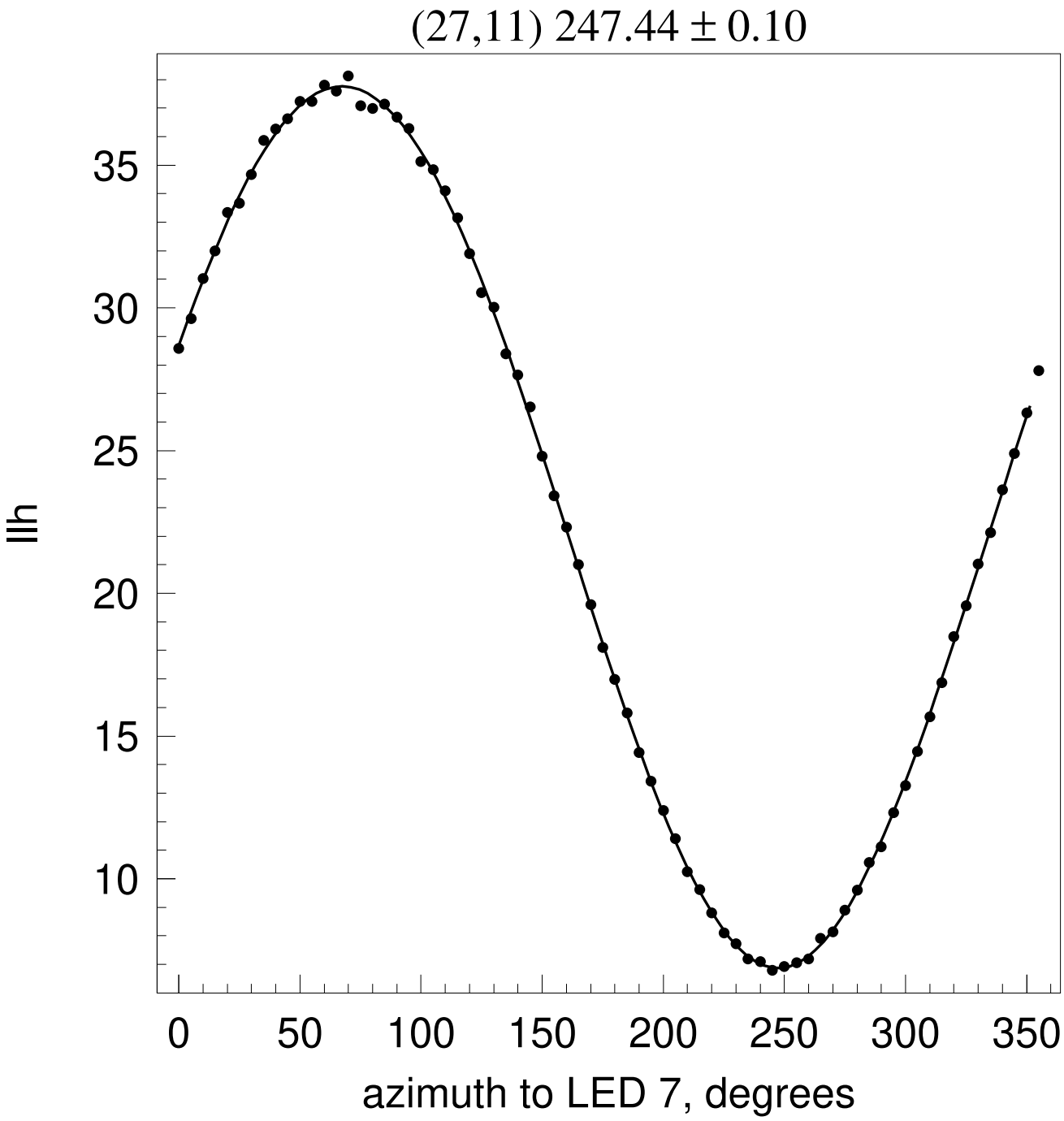

(27,4) 95.90 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

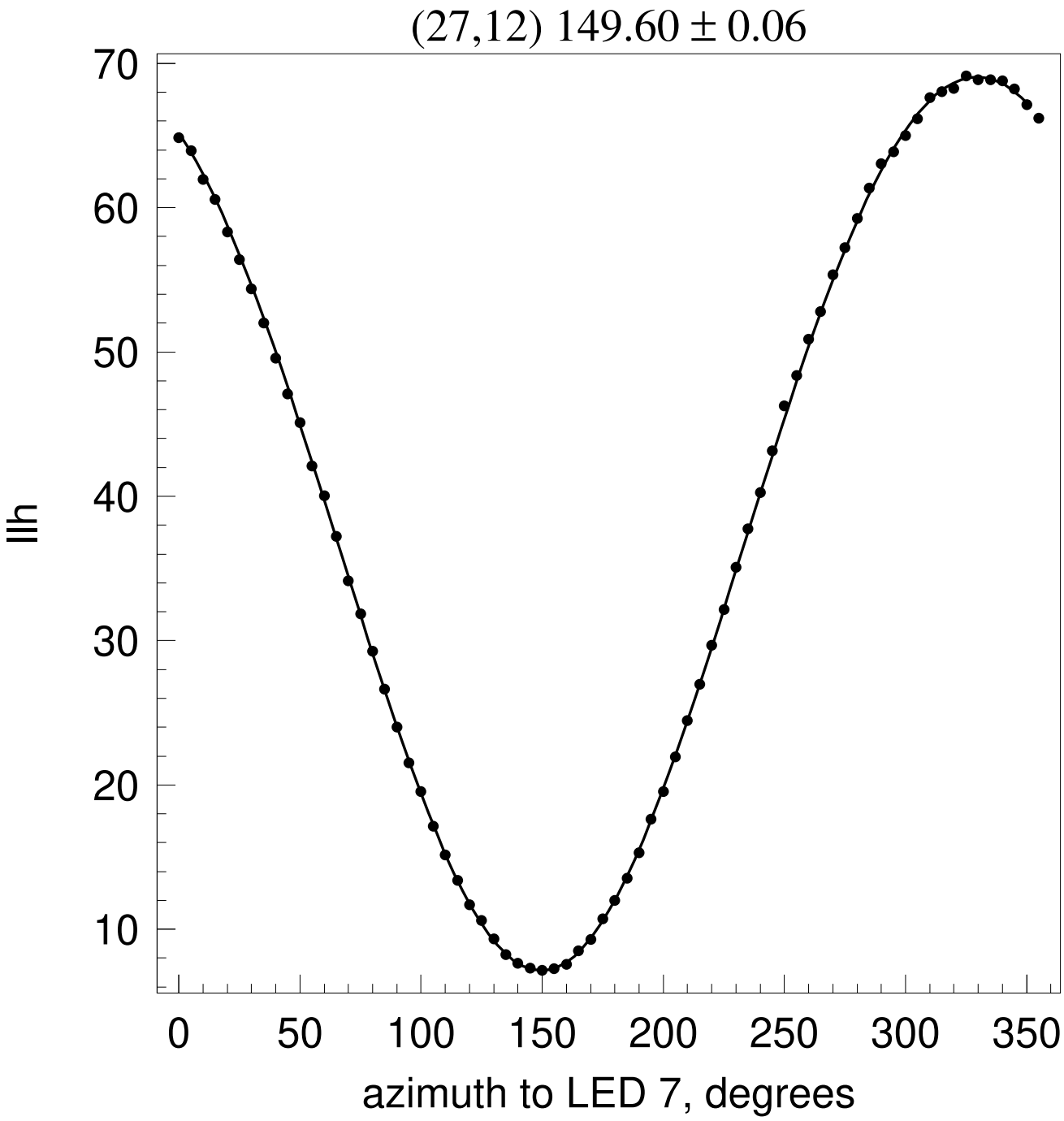

(27,5) 35.99 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

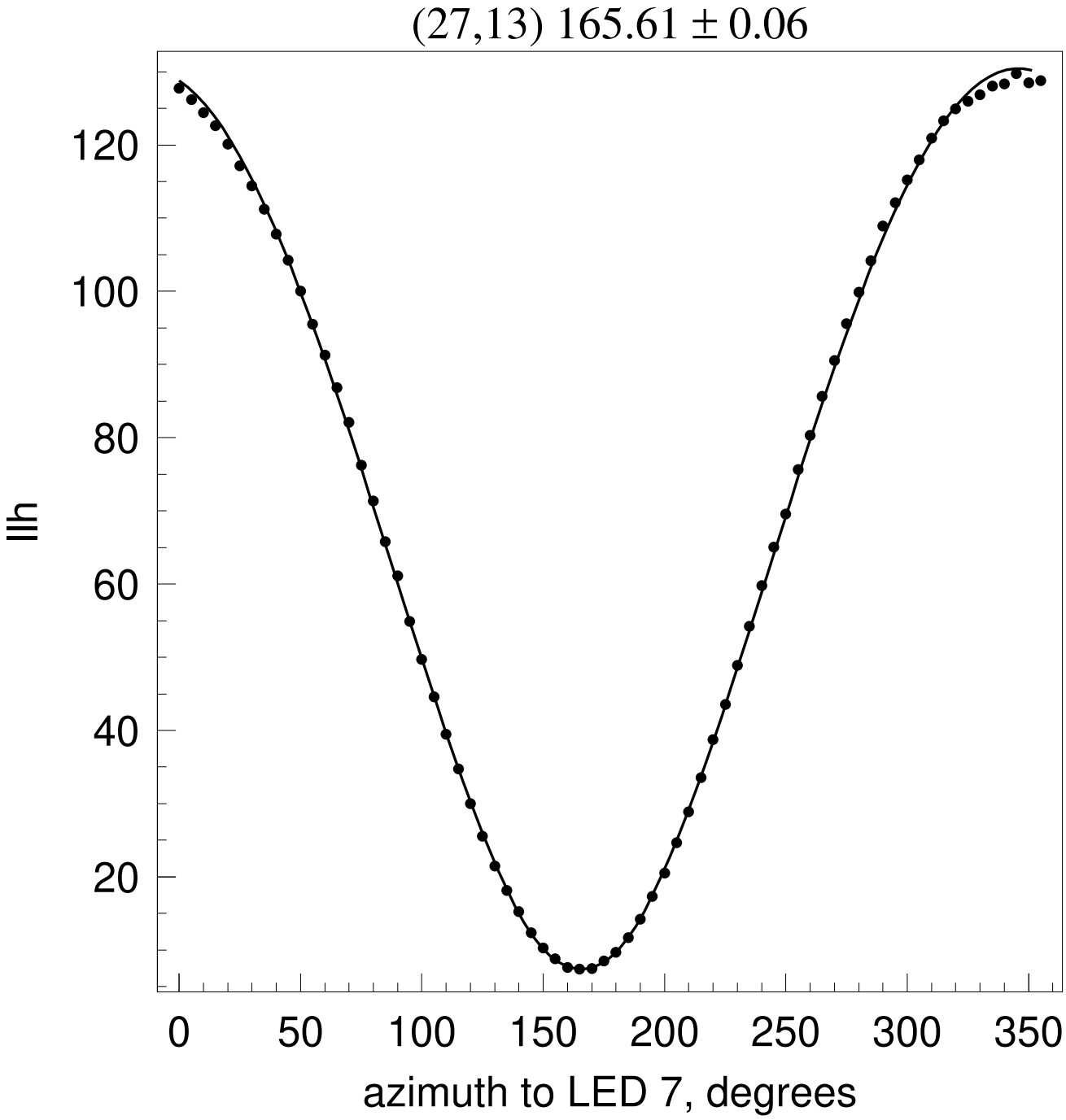

(27,6) 86.88 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

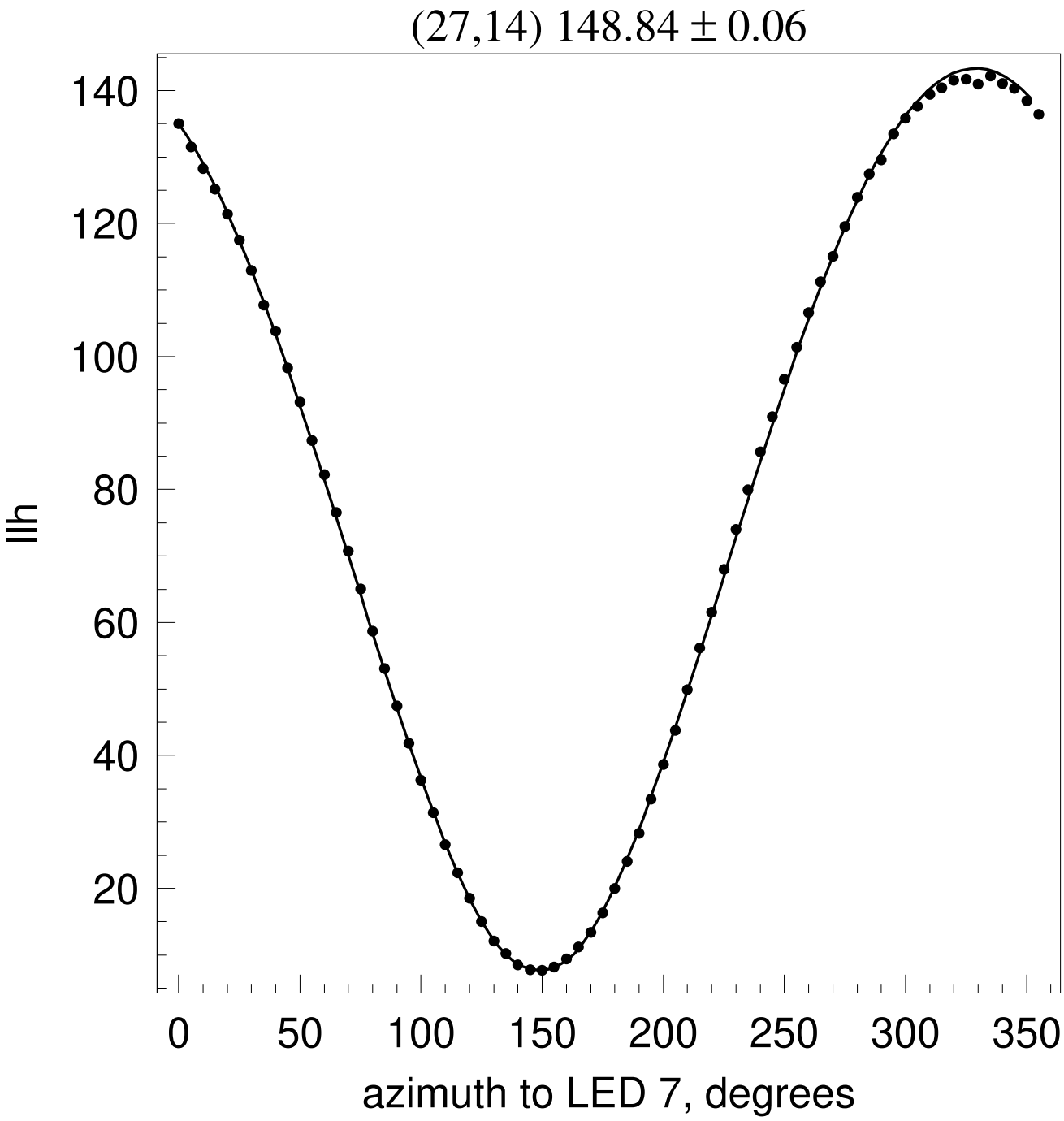

(27,9) 245.75 ± 0.13
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

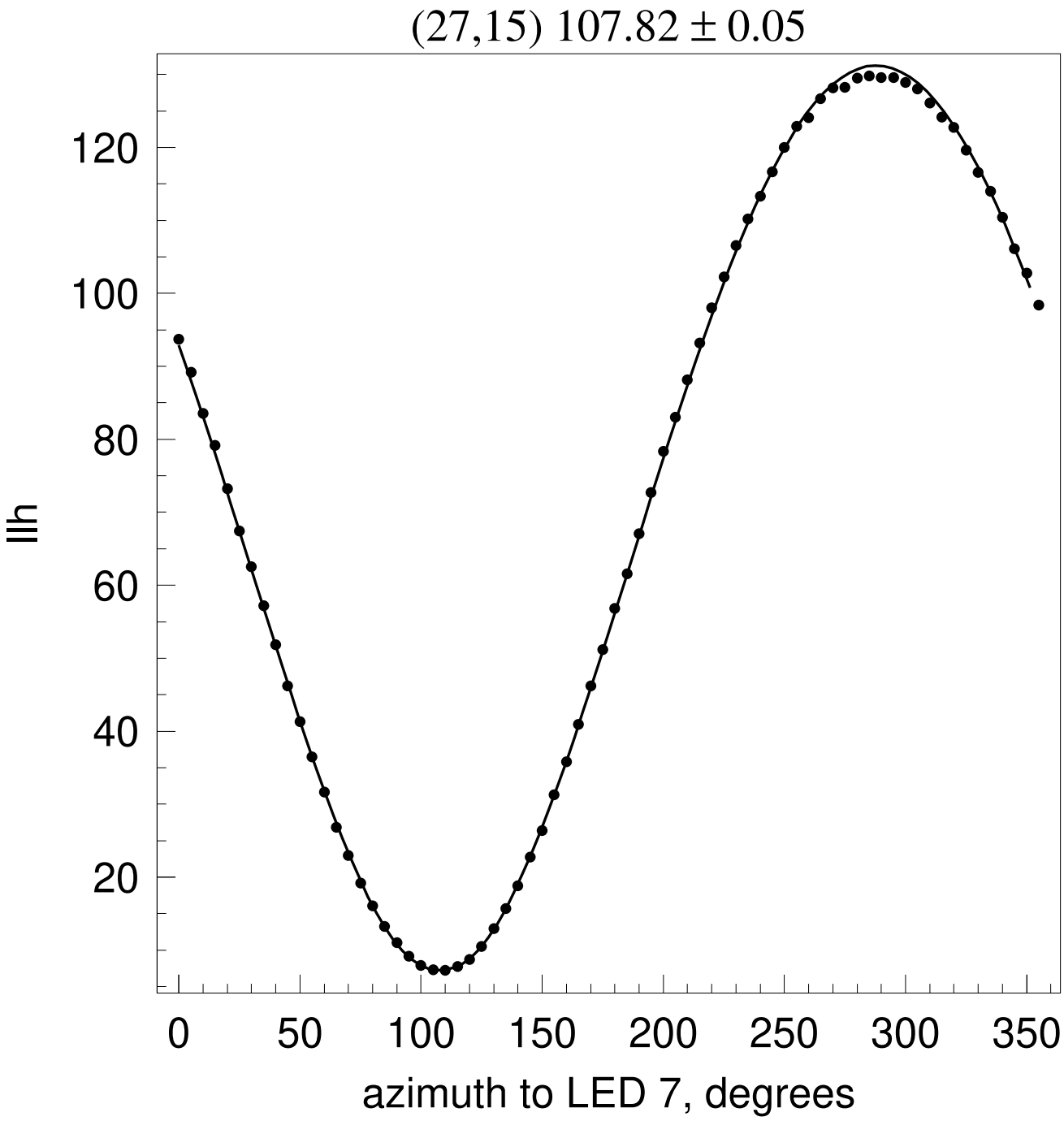

(27,10) 283.71 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

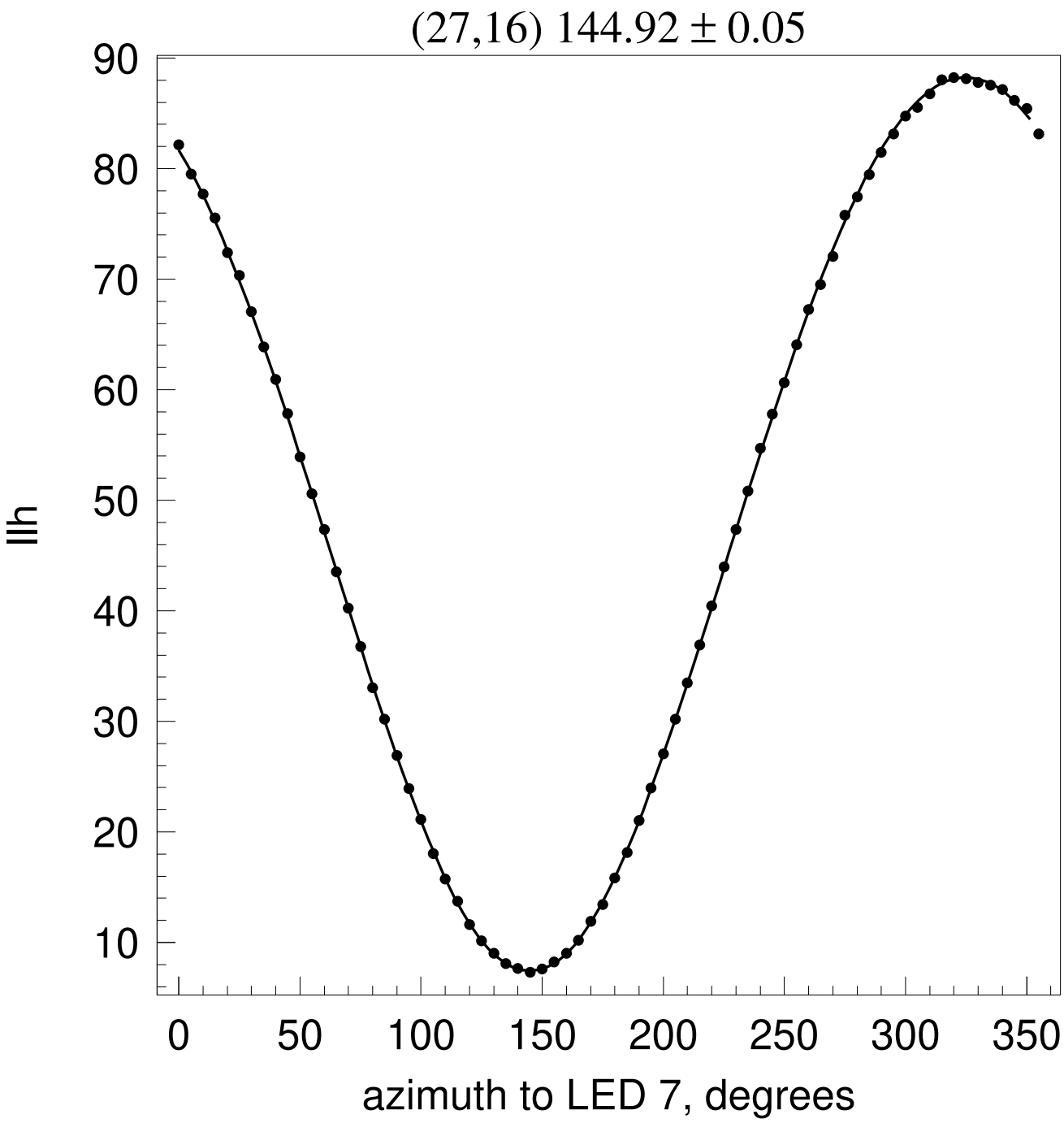

(27,11) 247.44 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

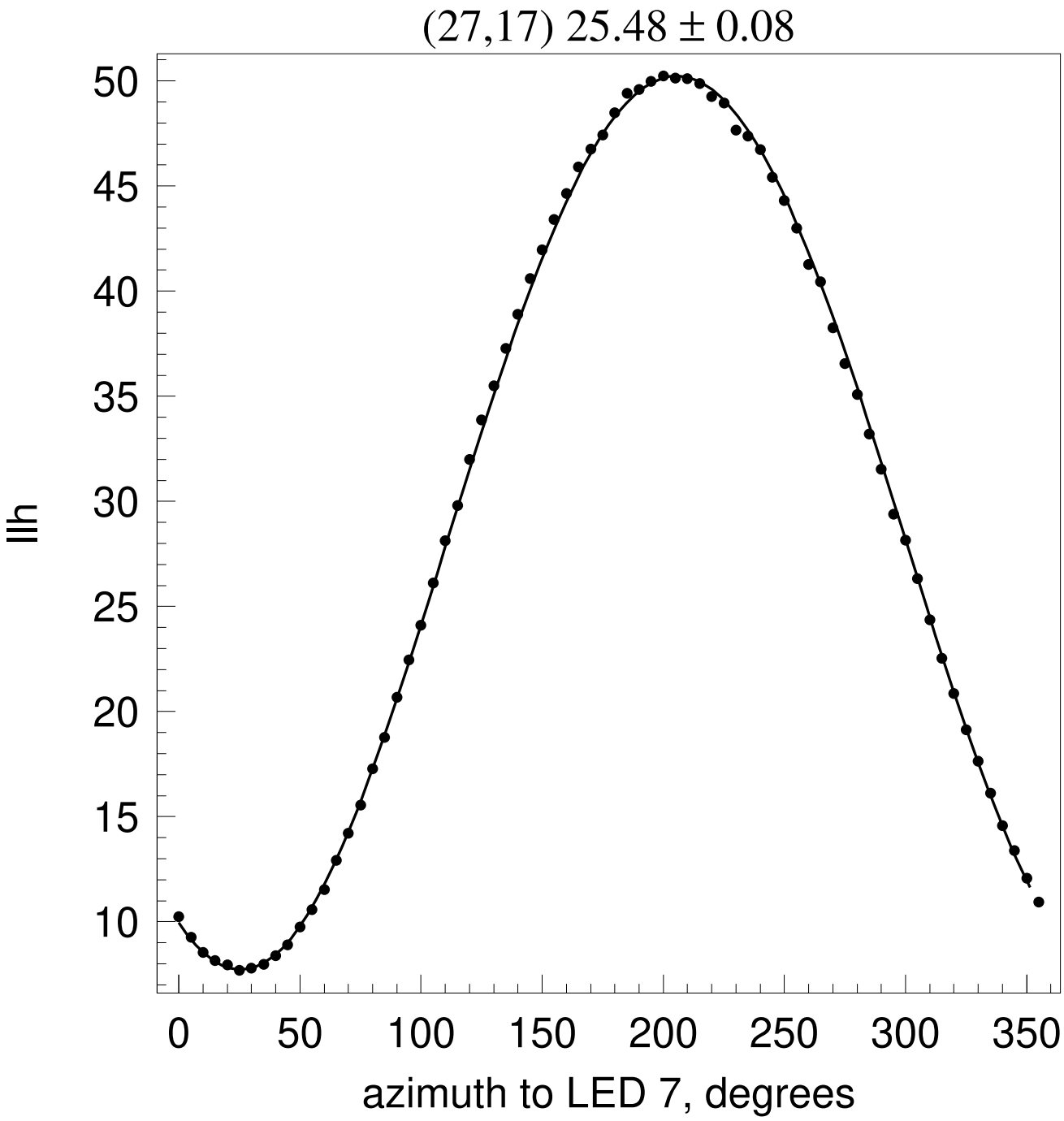

(27,12) 149.60 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

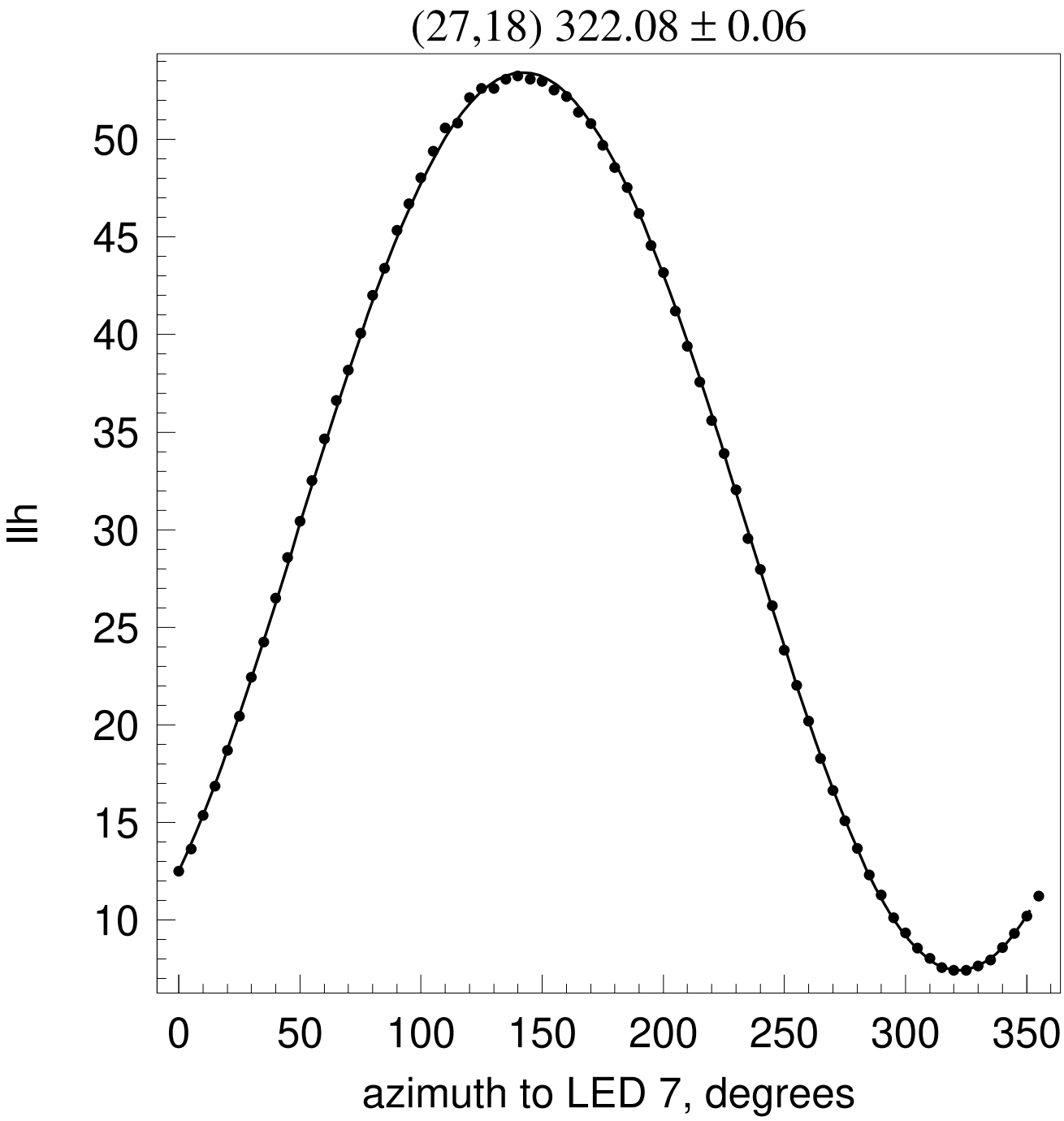

(27,13) 165.61 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

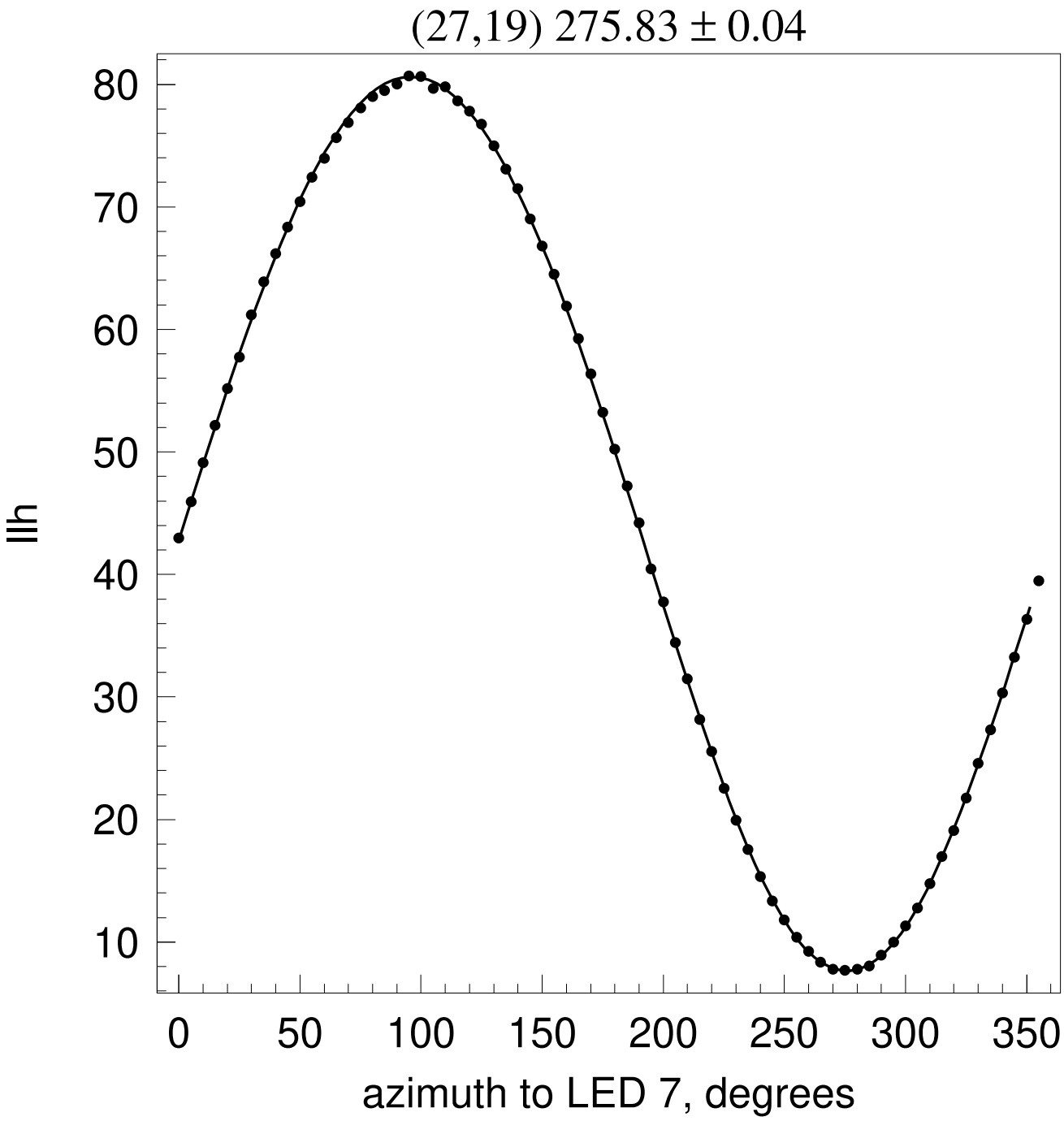

(27,14) 148.84 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

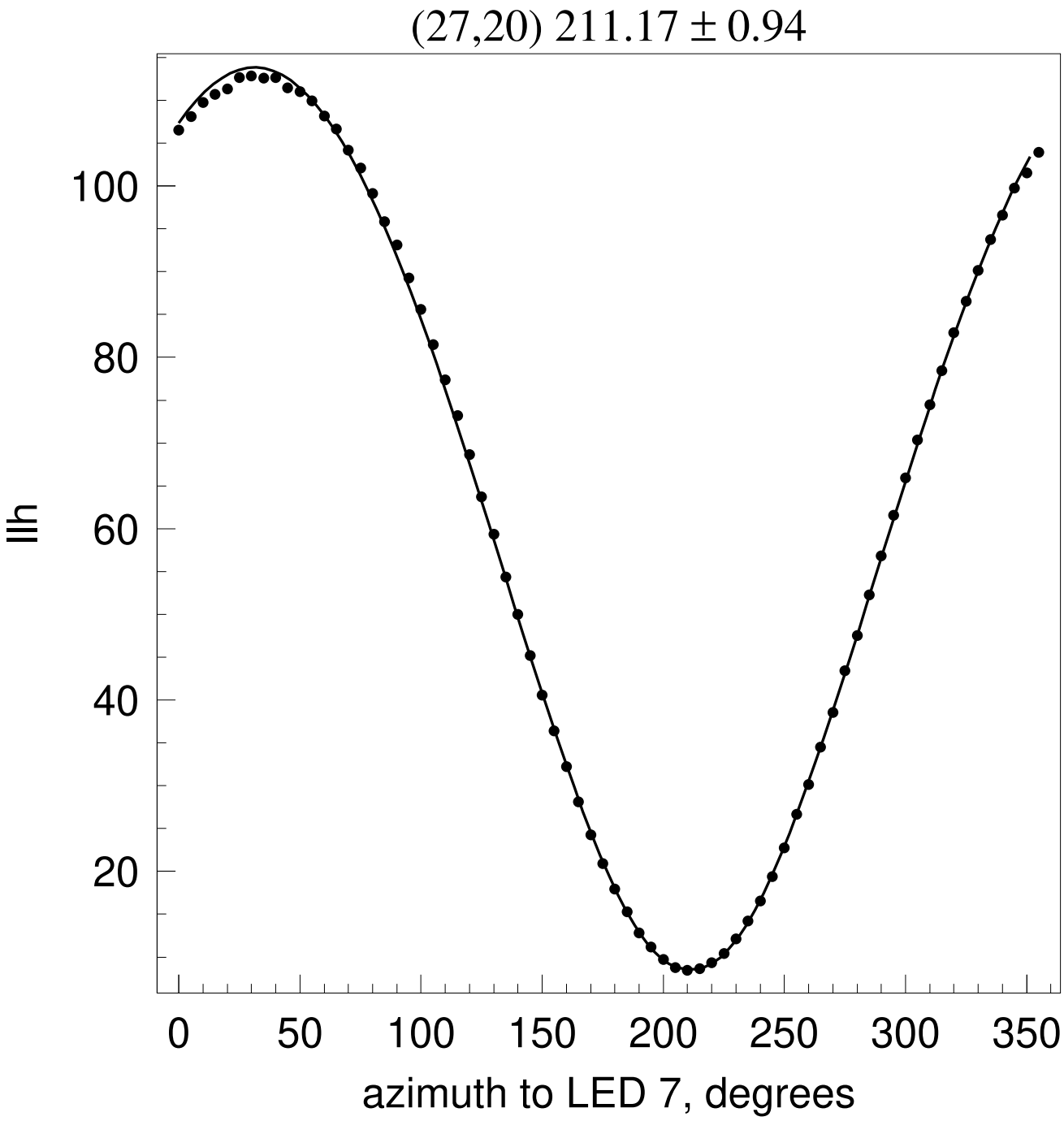

(27,15) 107.82 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

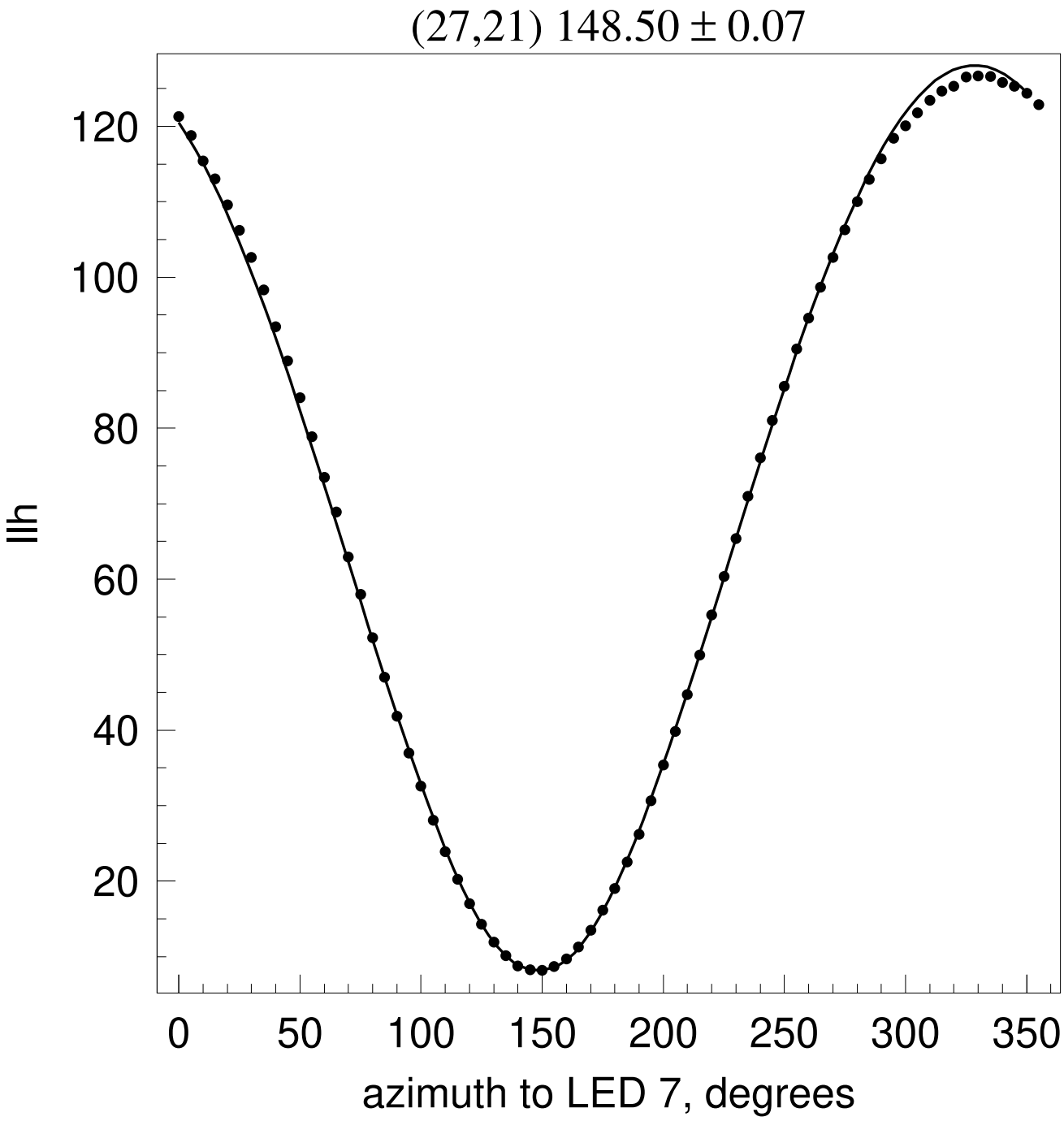

(27,16) 144.92 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

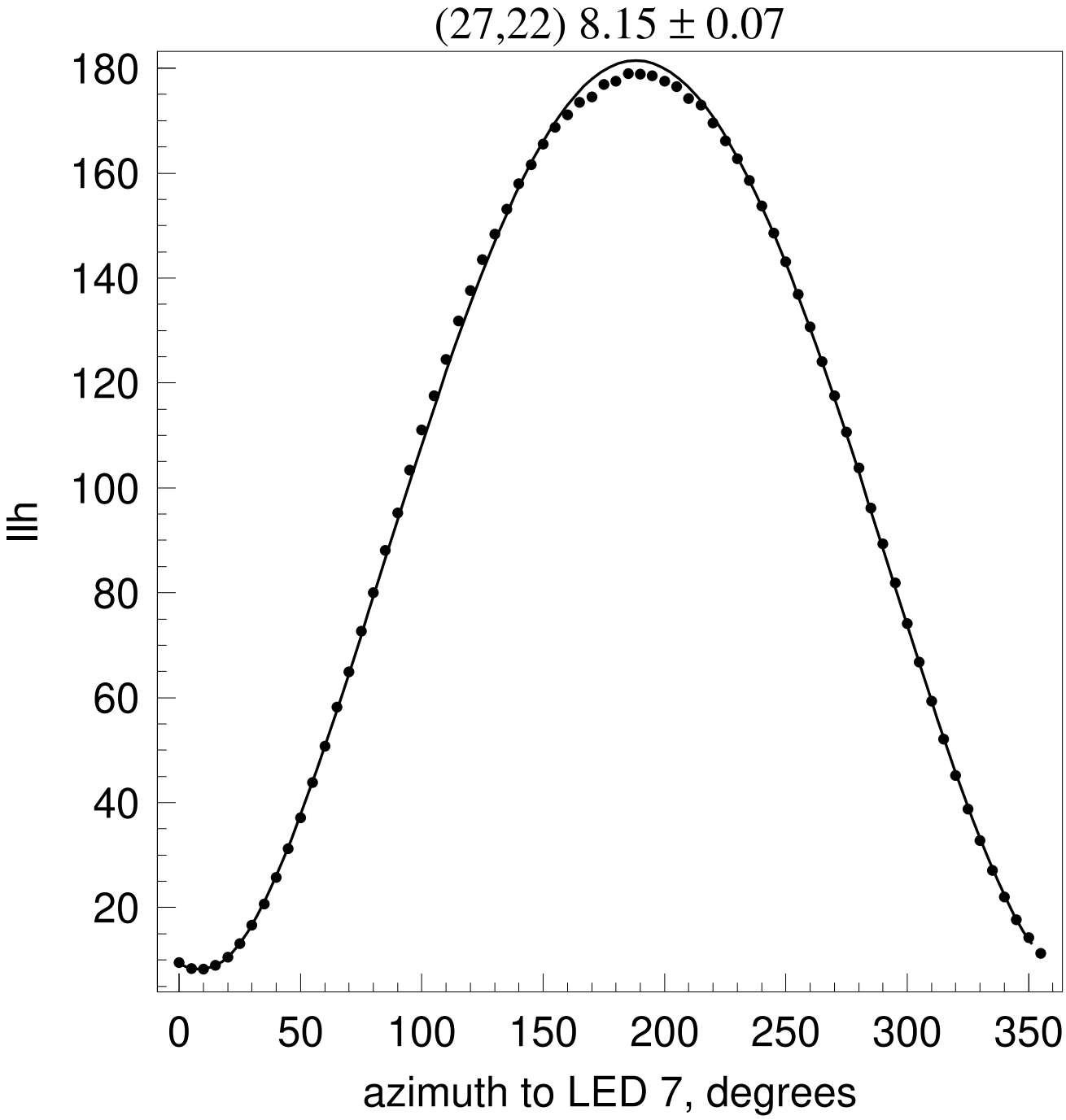

(27,17) 25.48 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

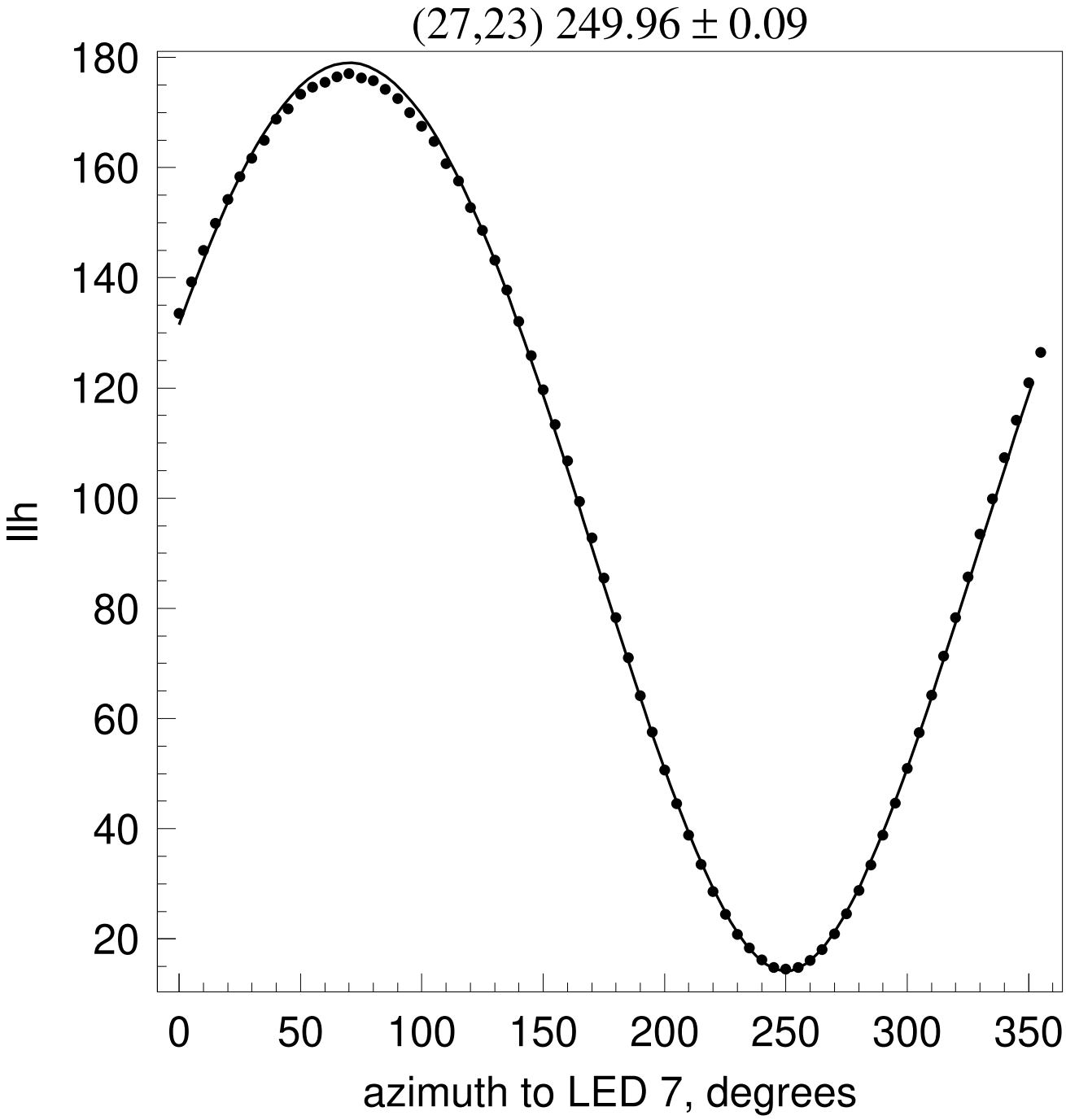

(27,18) 322.08 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

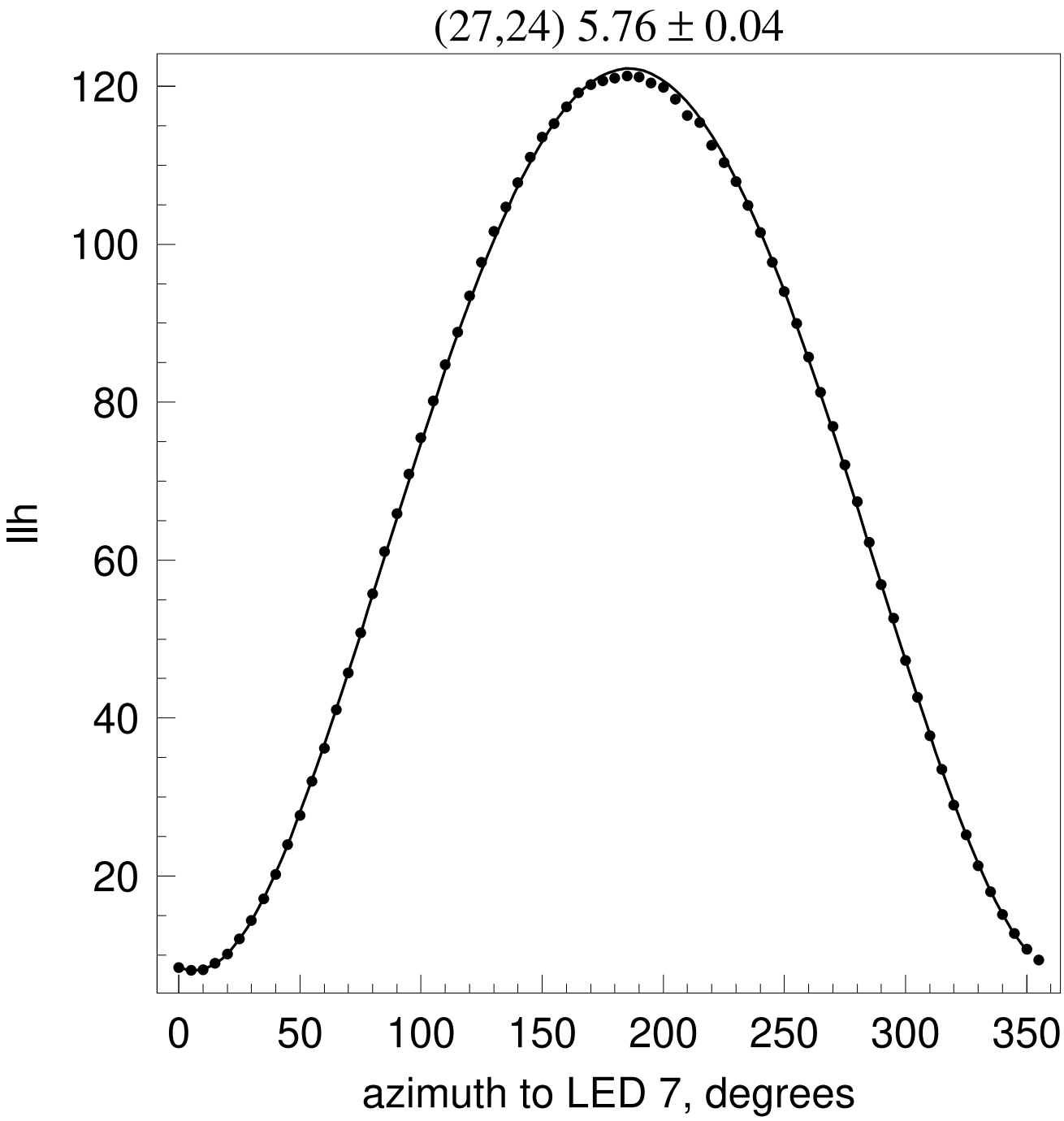

(27,19) 275.83 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

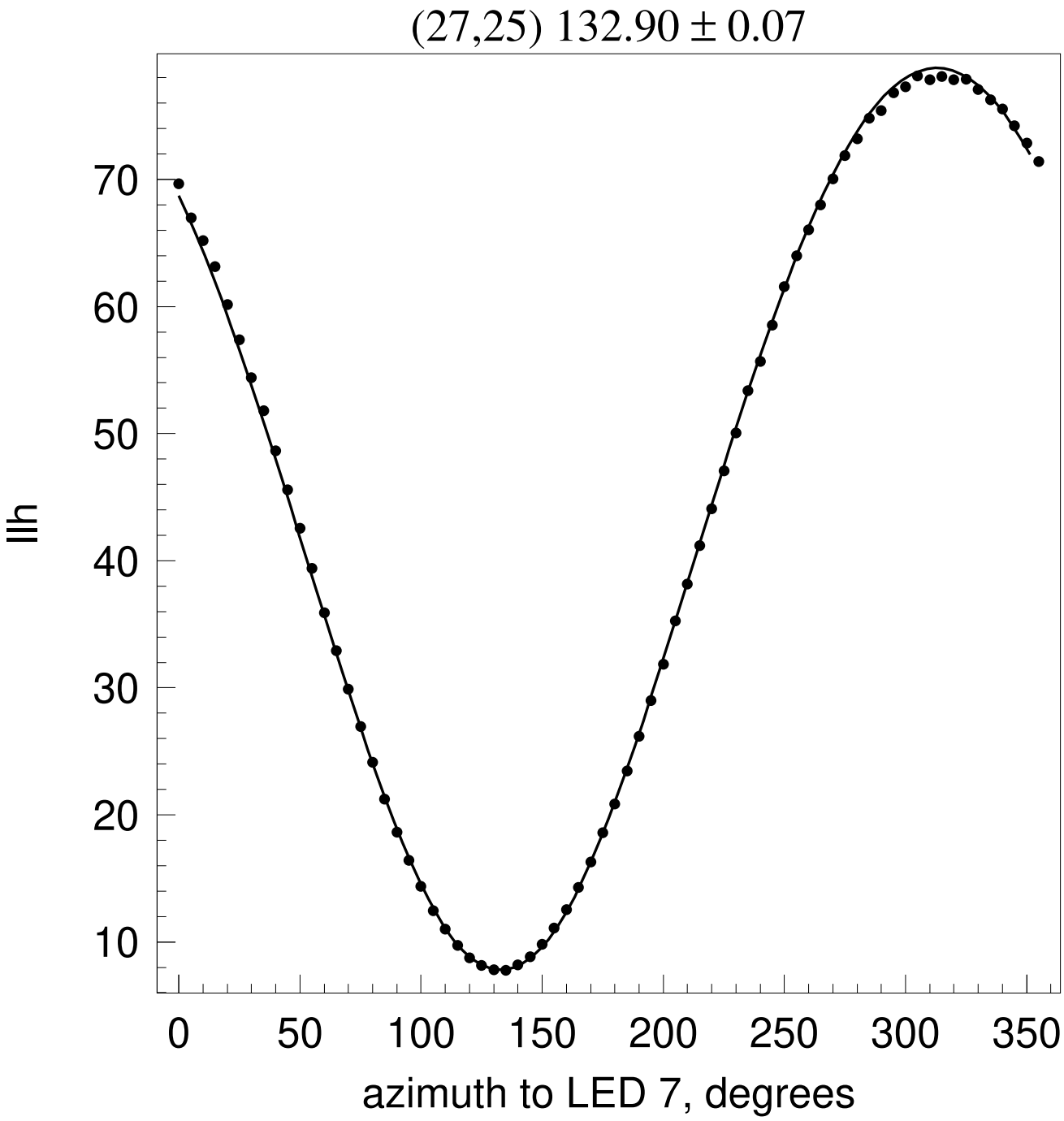

(27,20) 211.17 ± 0.94
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

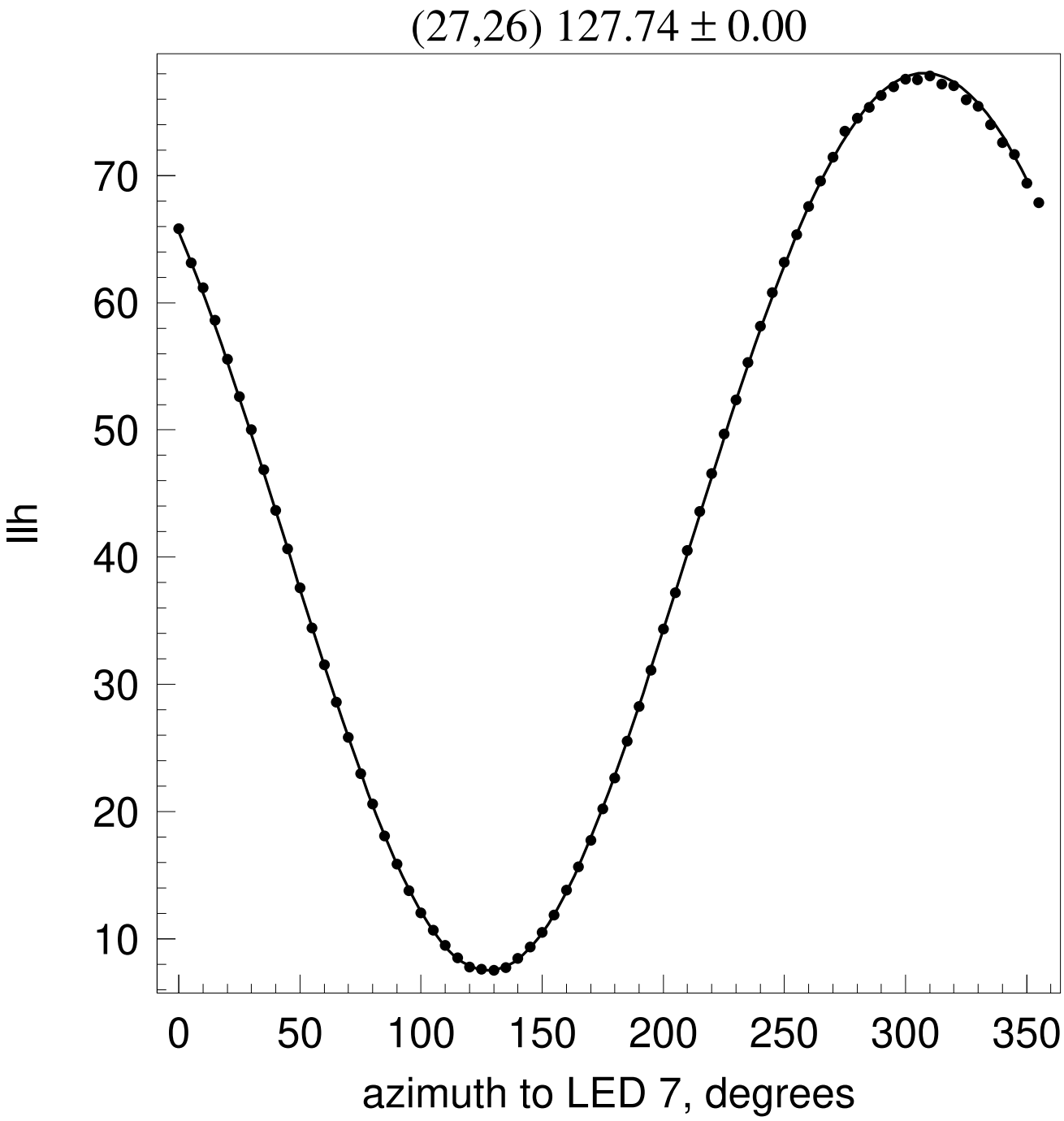

(27,21) 148.50 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

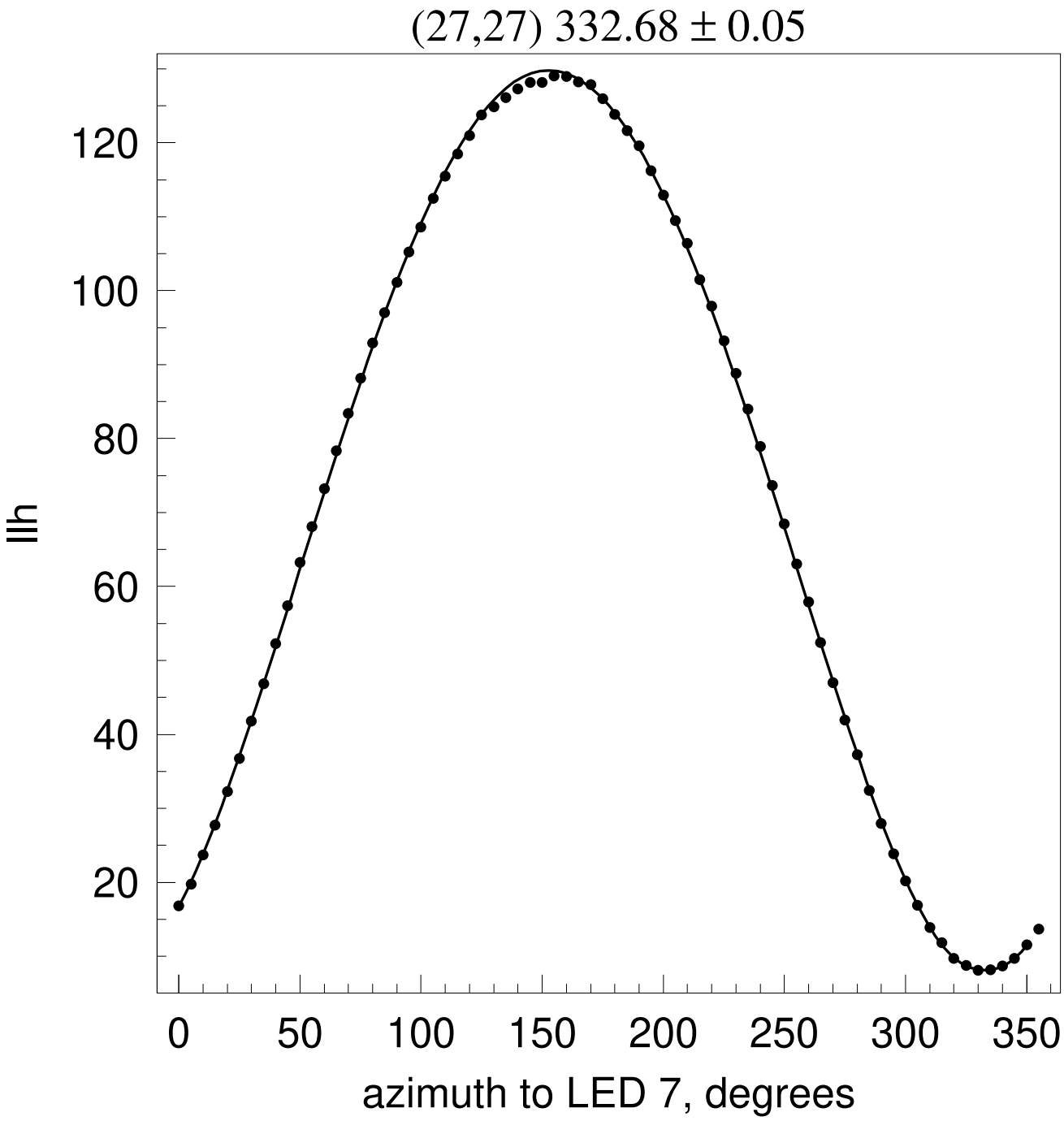

(27,22) 8.15 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

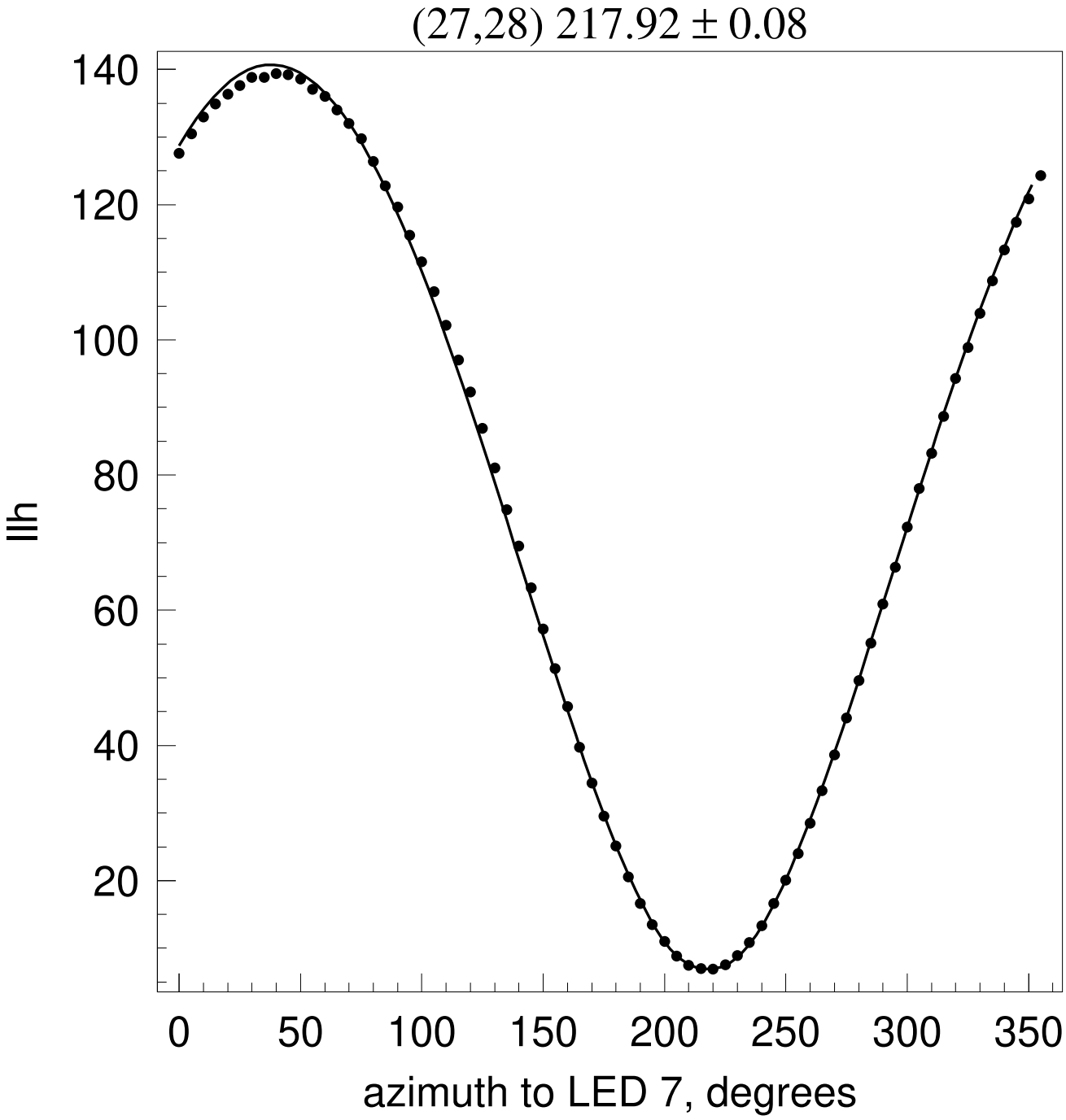

(27,23) 249.96 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

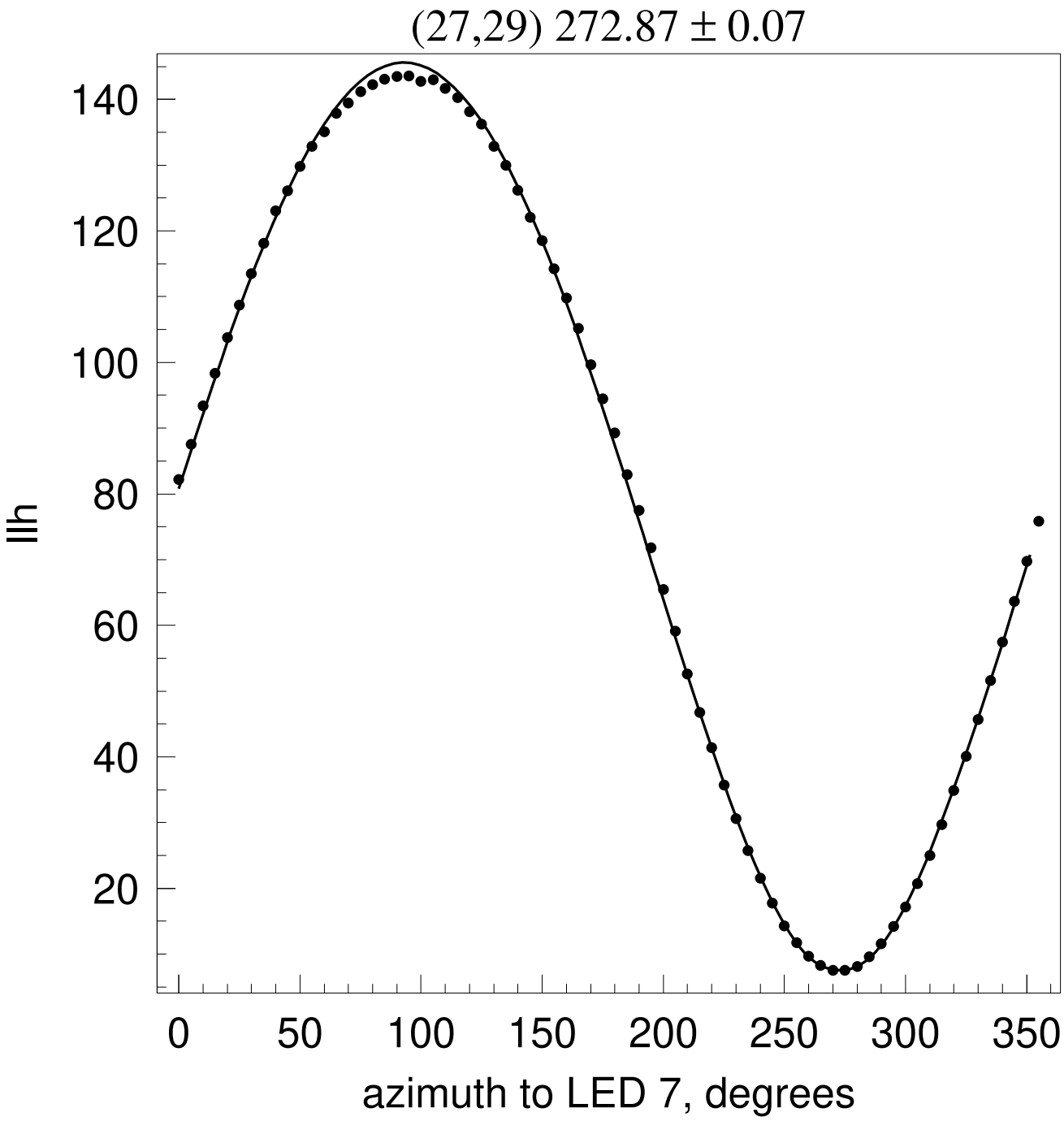

(27,24) 5.76 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

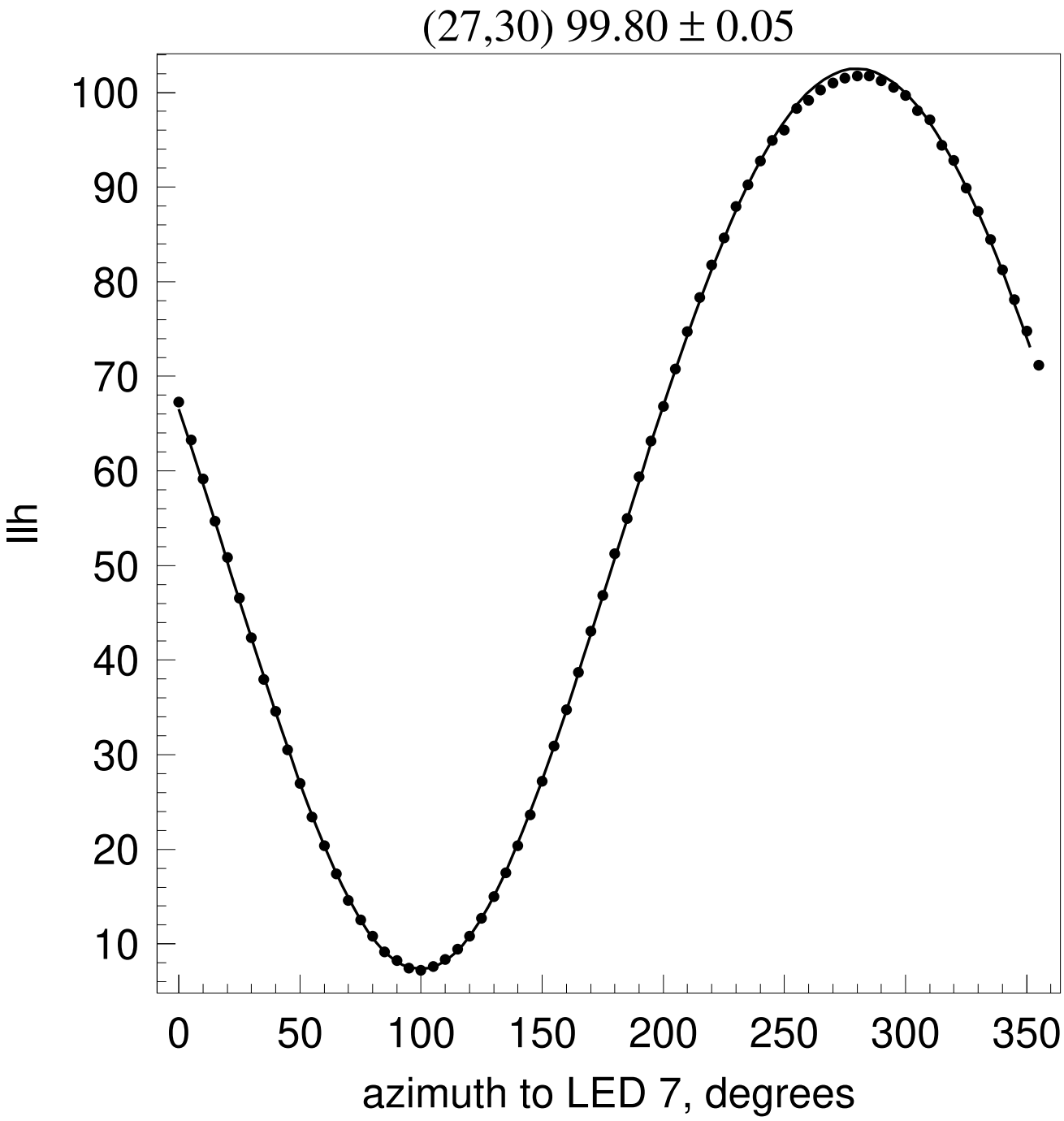

(27,25) 132.90 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

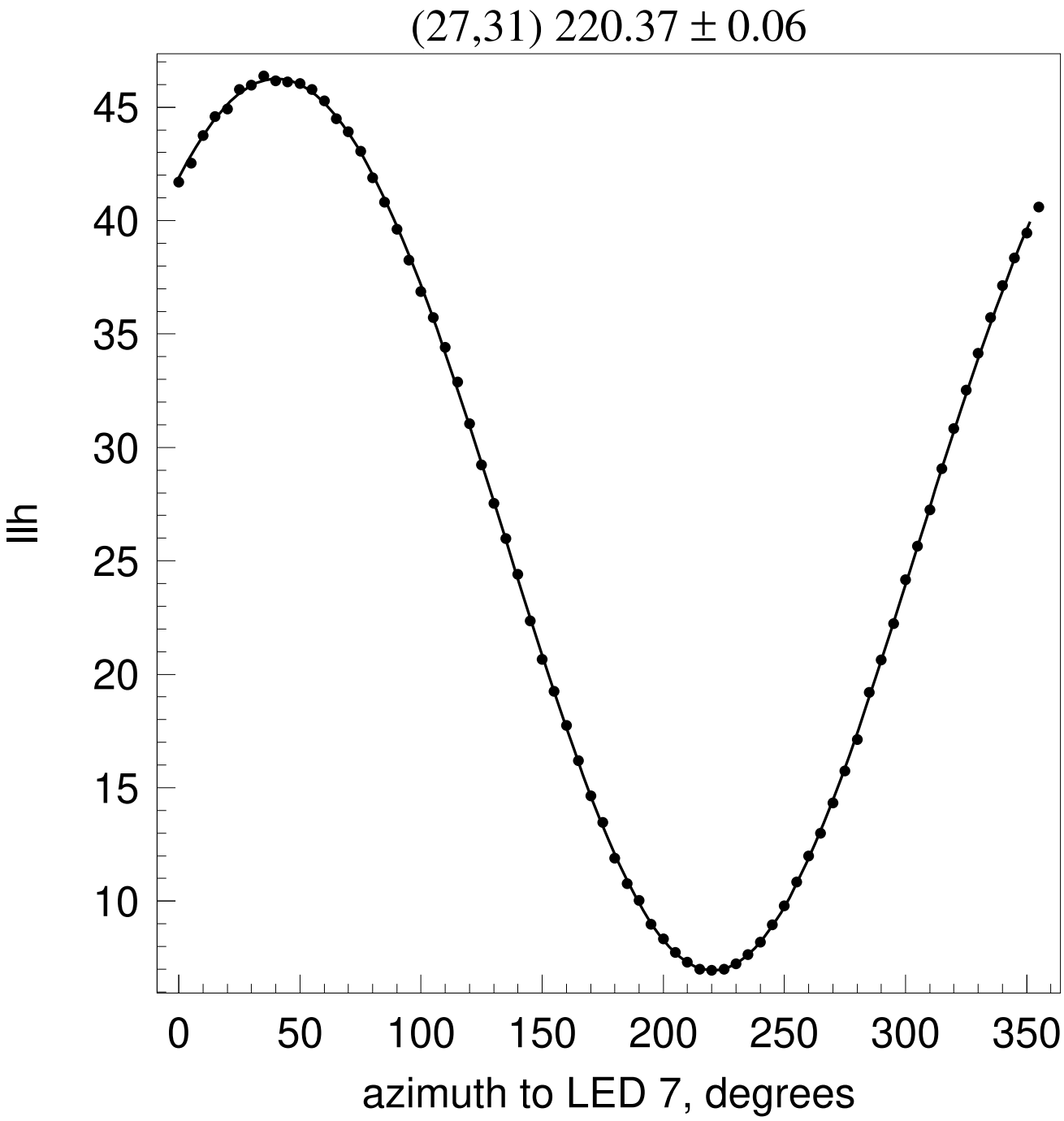

(27,26) 127.74 ± 0.00
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

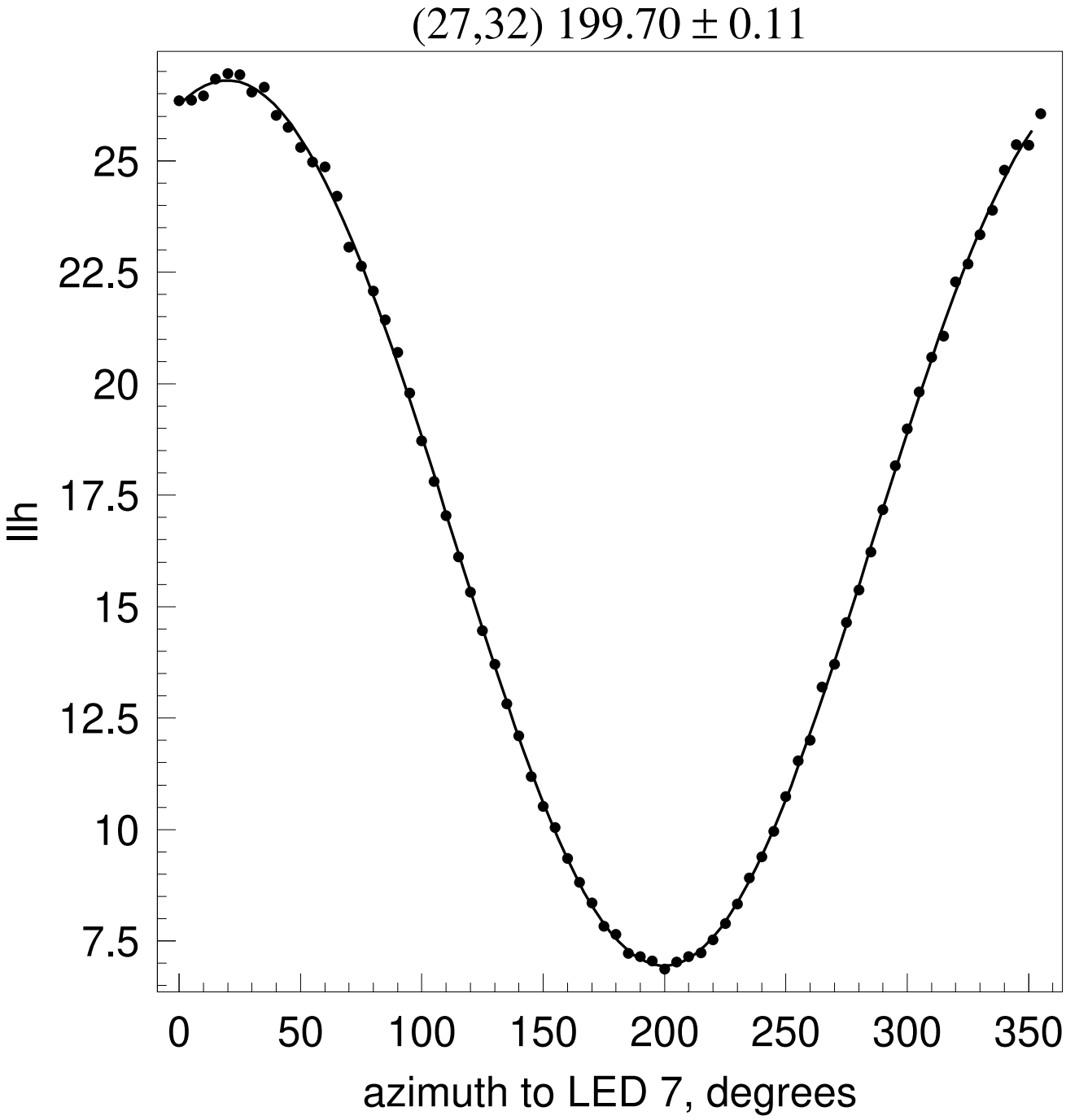

(27,27) 332.68 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

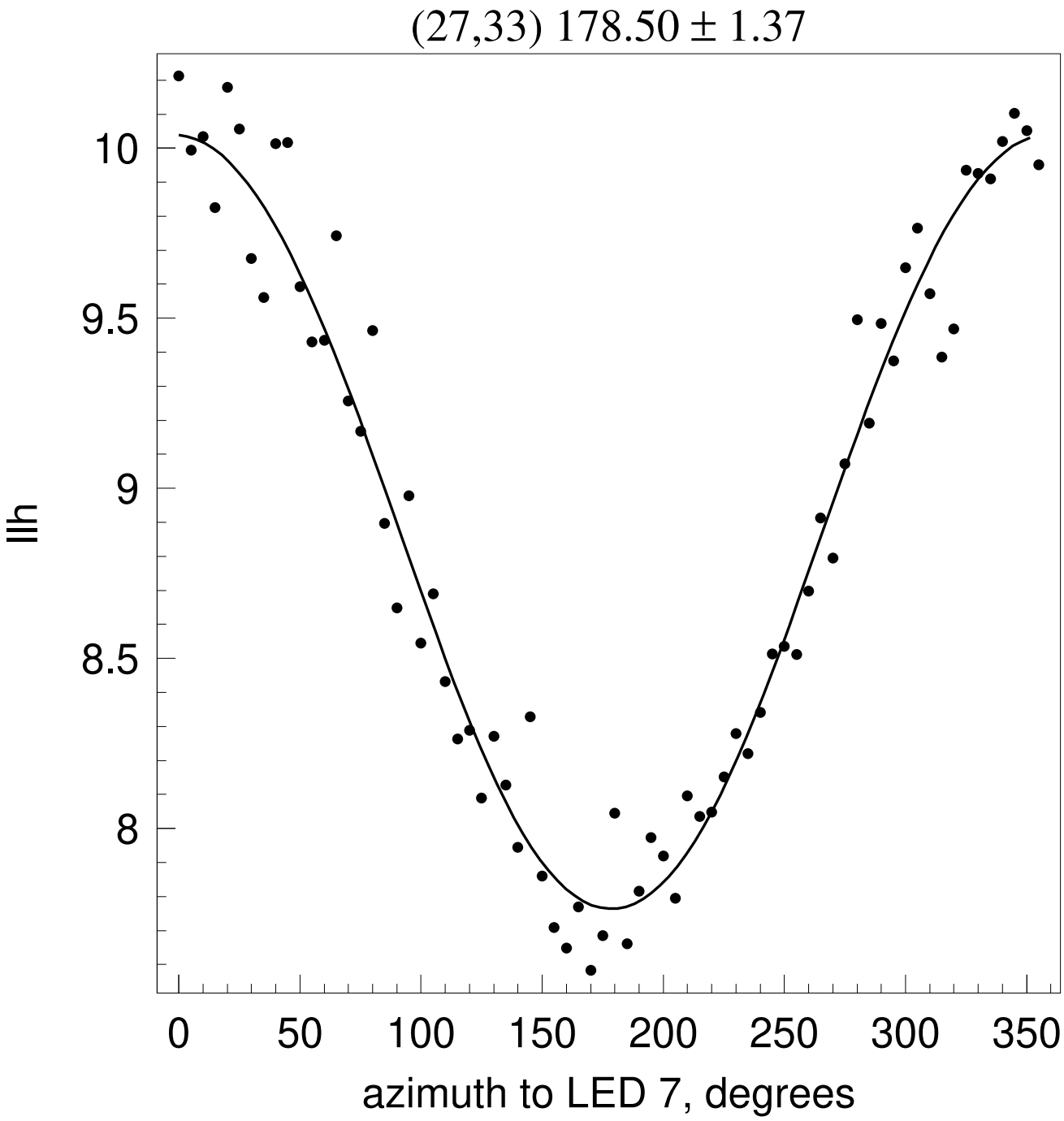

(27,28) 217.92 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

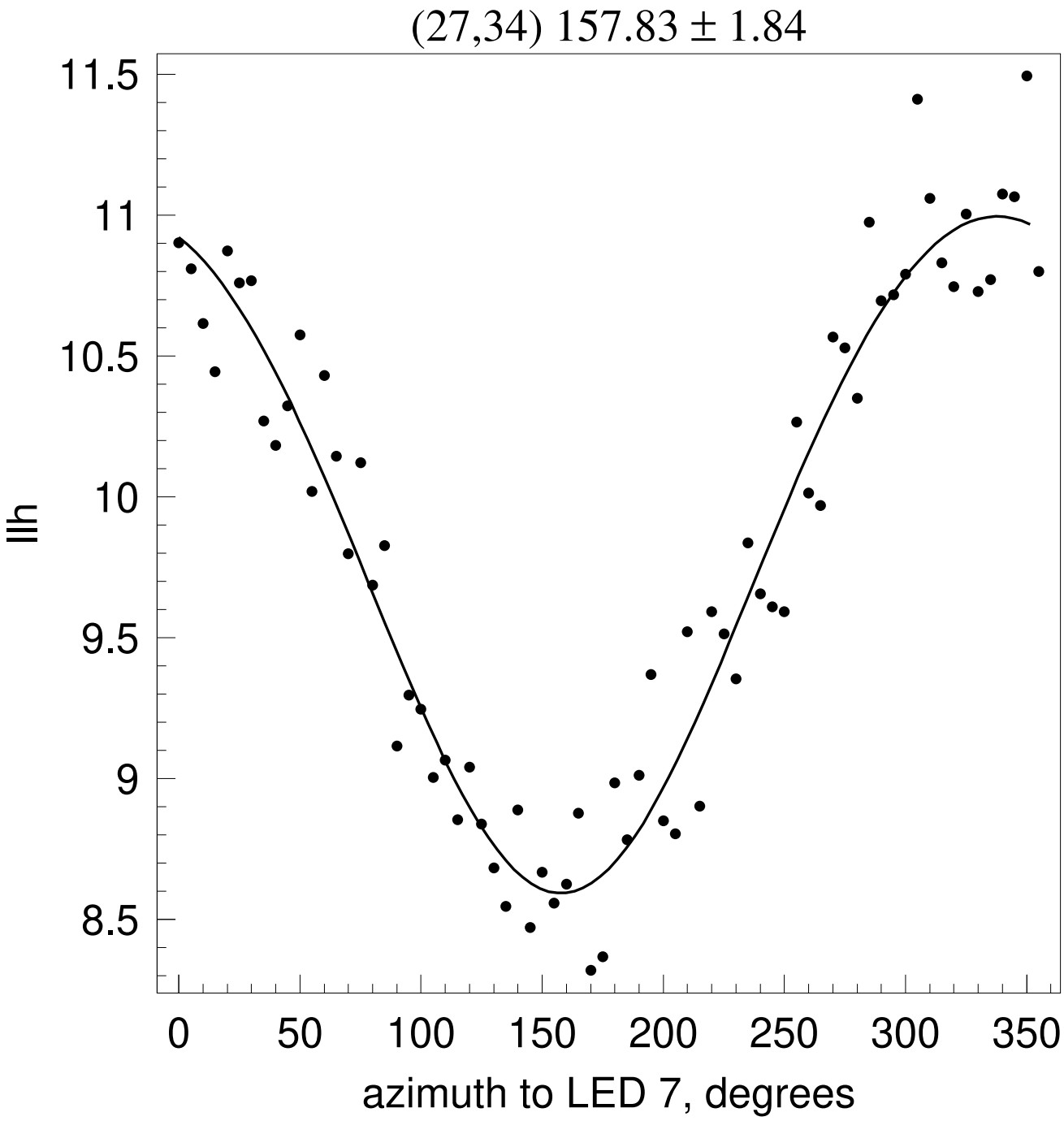

(27,29) 272.87 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

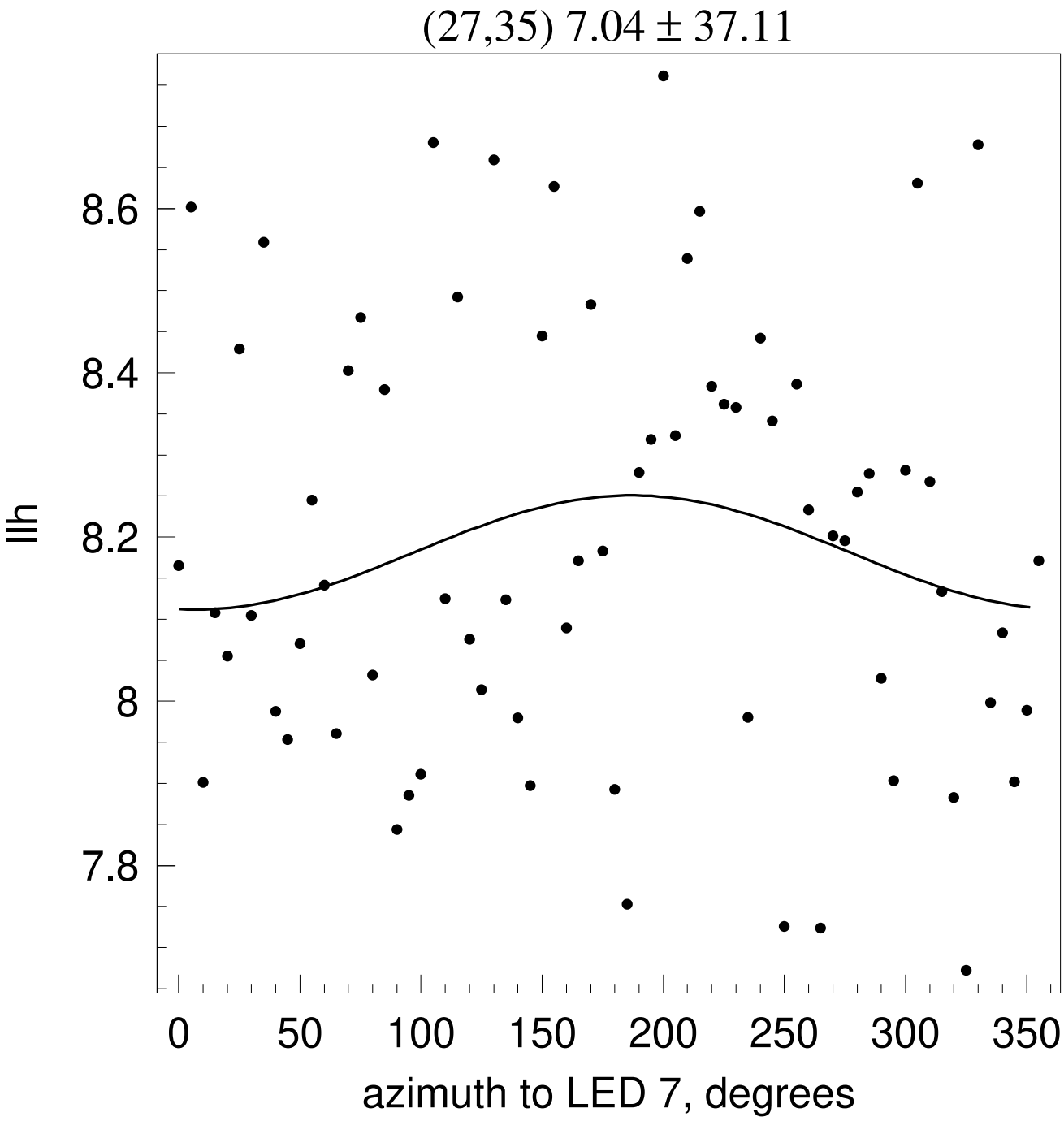

(27,30) 99.80 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

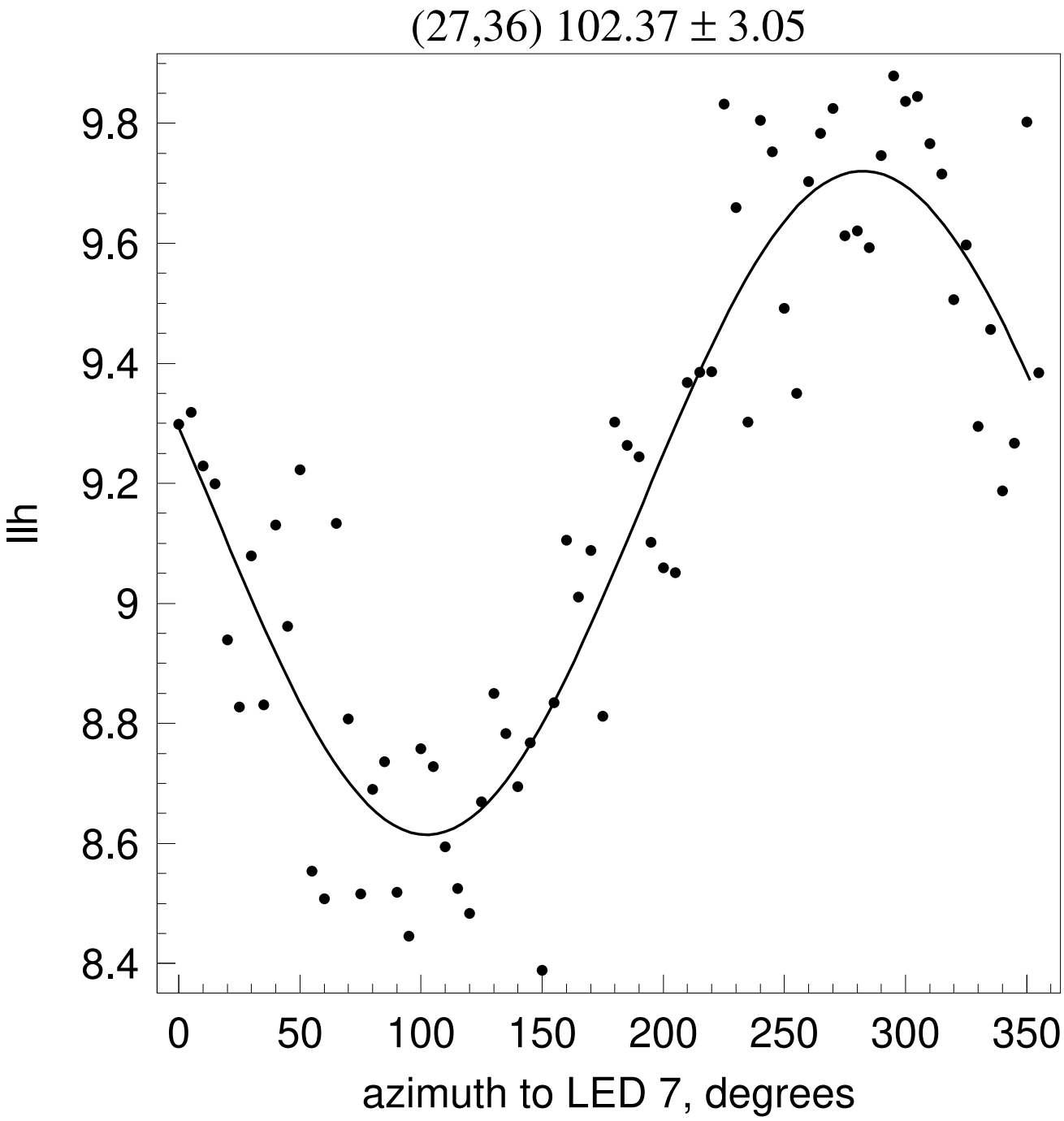

(27,31) 220.37 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

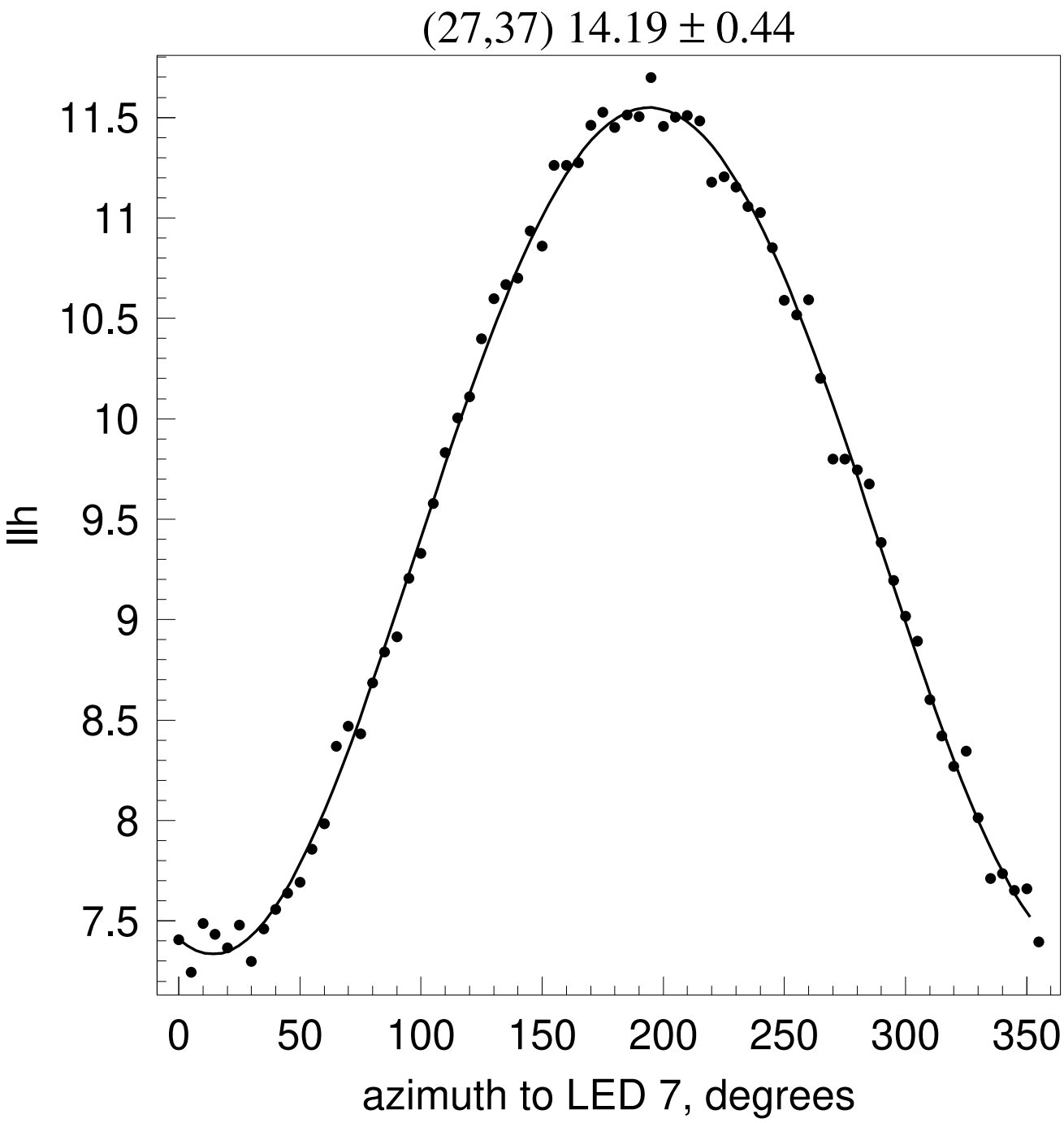

(27,32) 199.70 ± 0.11
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

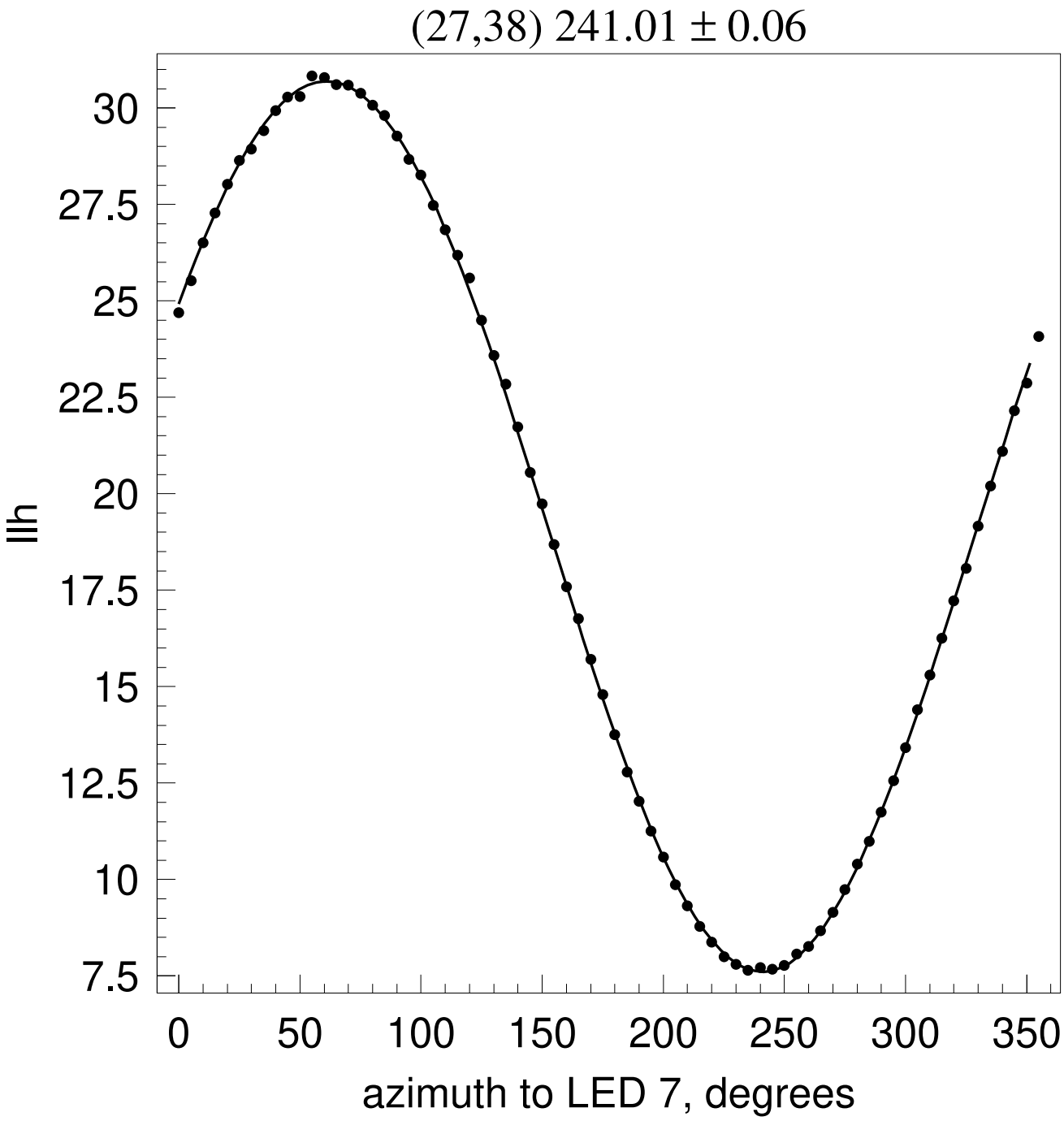

(27,33) 178.50 ± 1.37
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

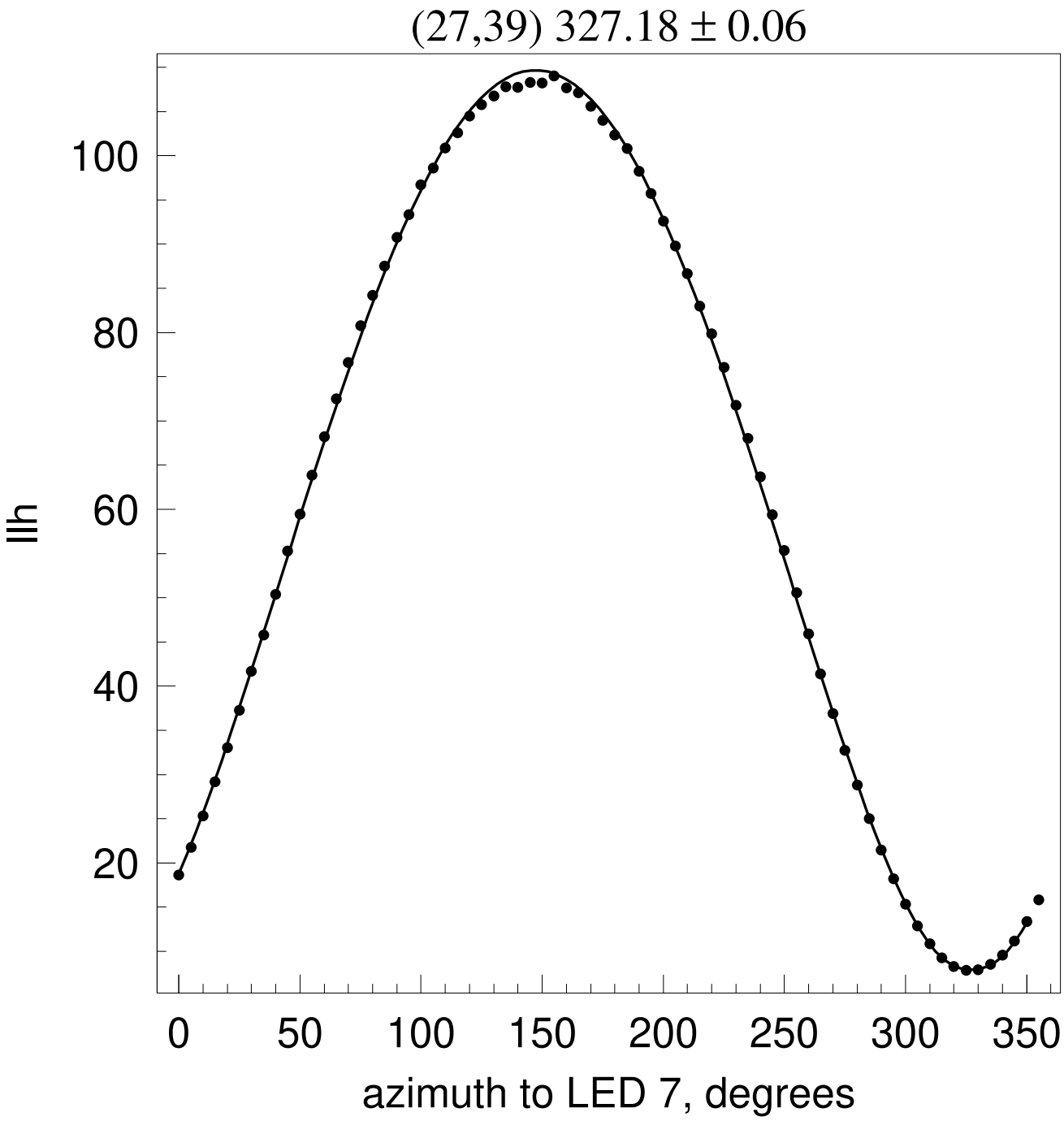

(27,34) 157.83 ± 1.84
11.5
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

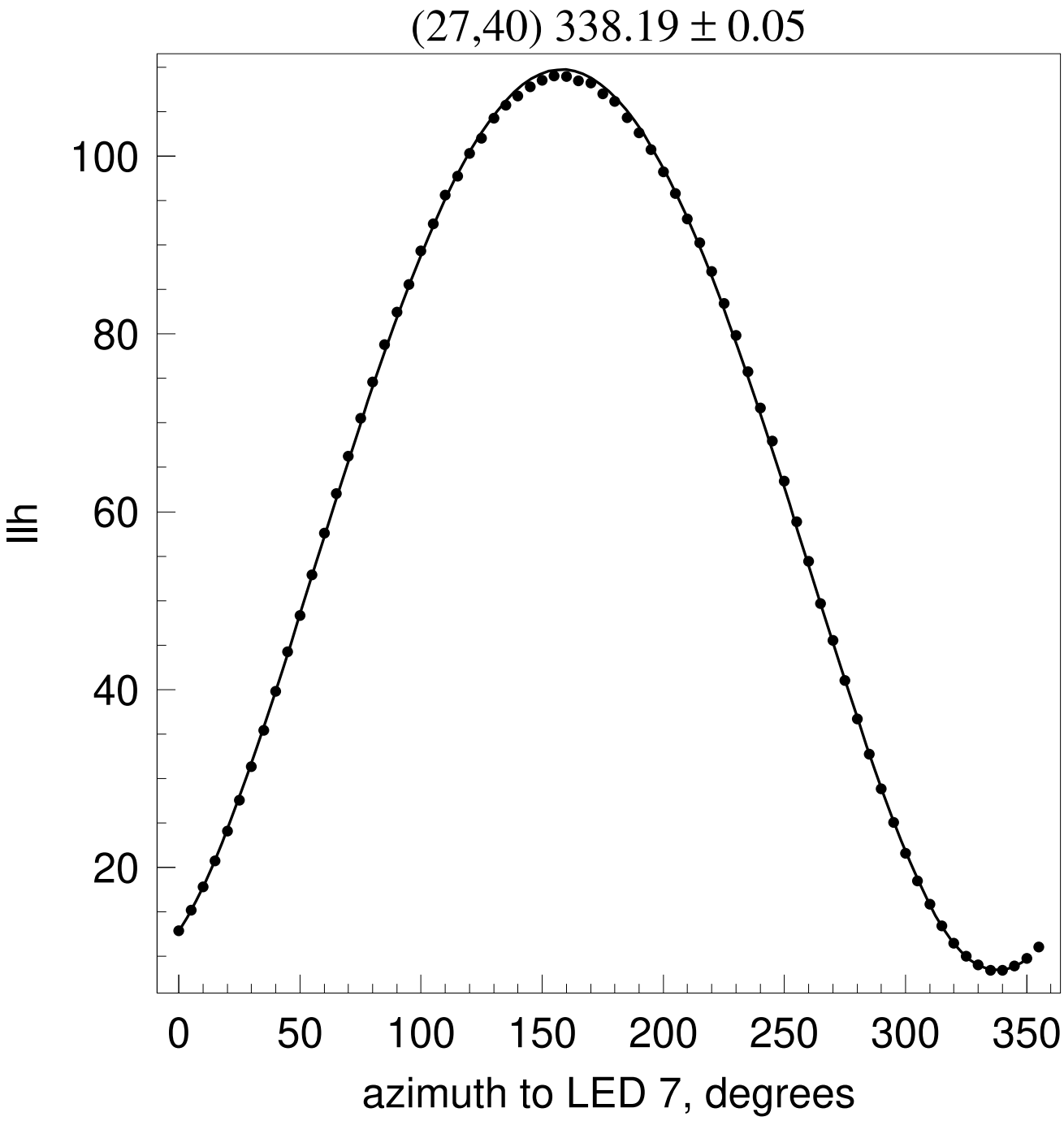

(27,35) 7.04 ± 37.11
8.6
8.4
8.2
8
7.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

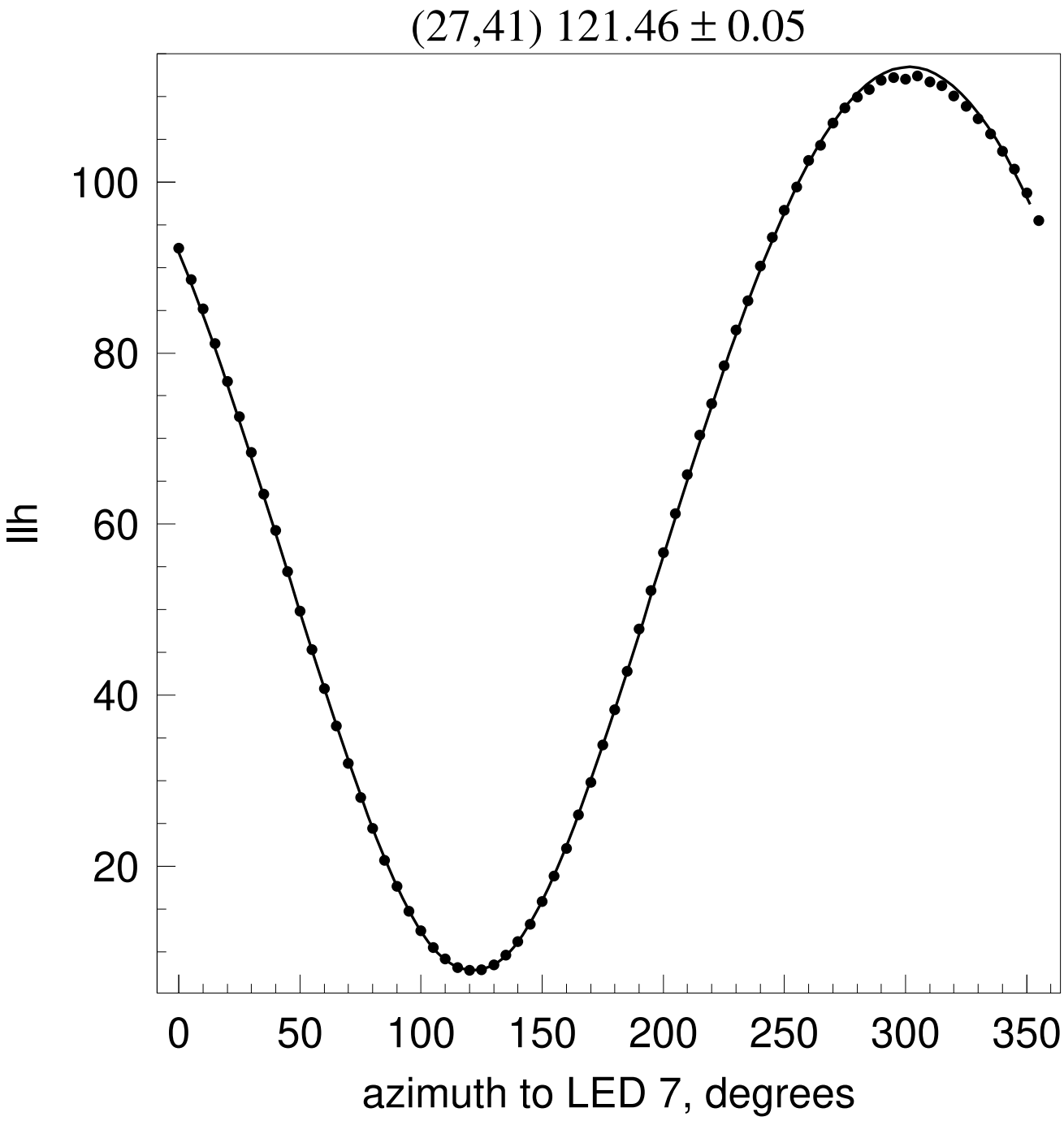

(27,36) 102.37 ± 3.05
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

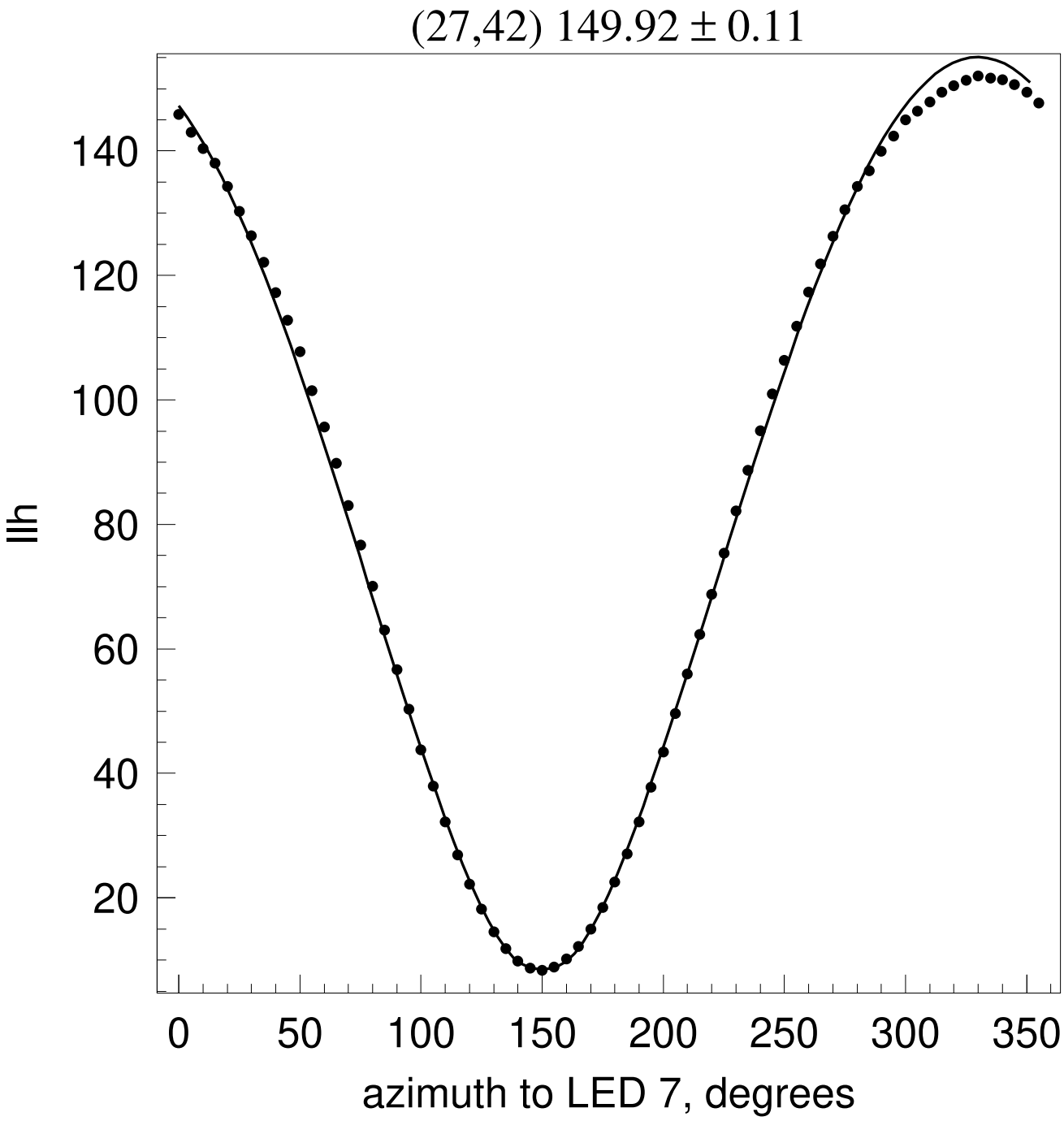

(27,37) 14.19 ± 0.44
11.5
11
10.5
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

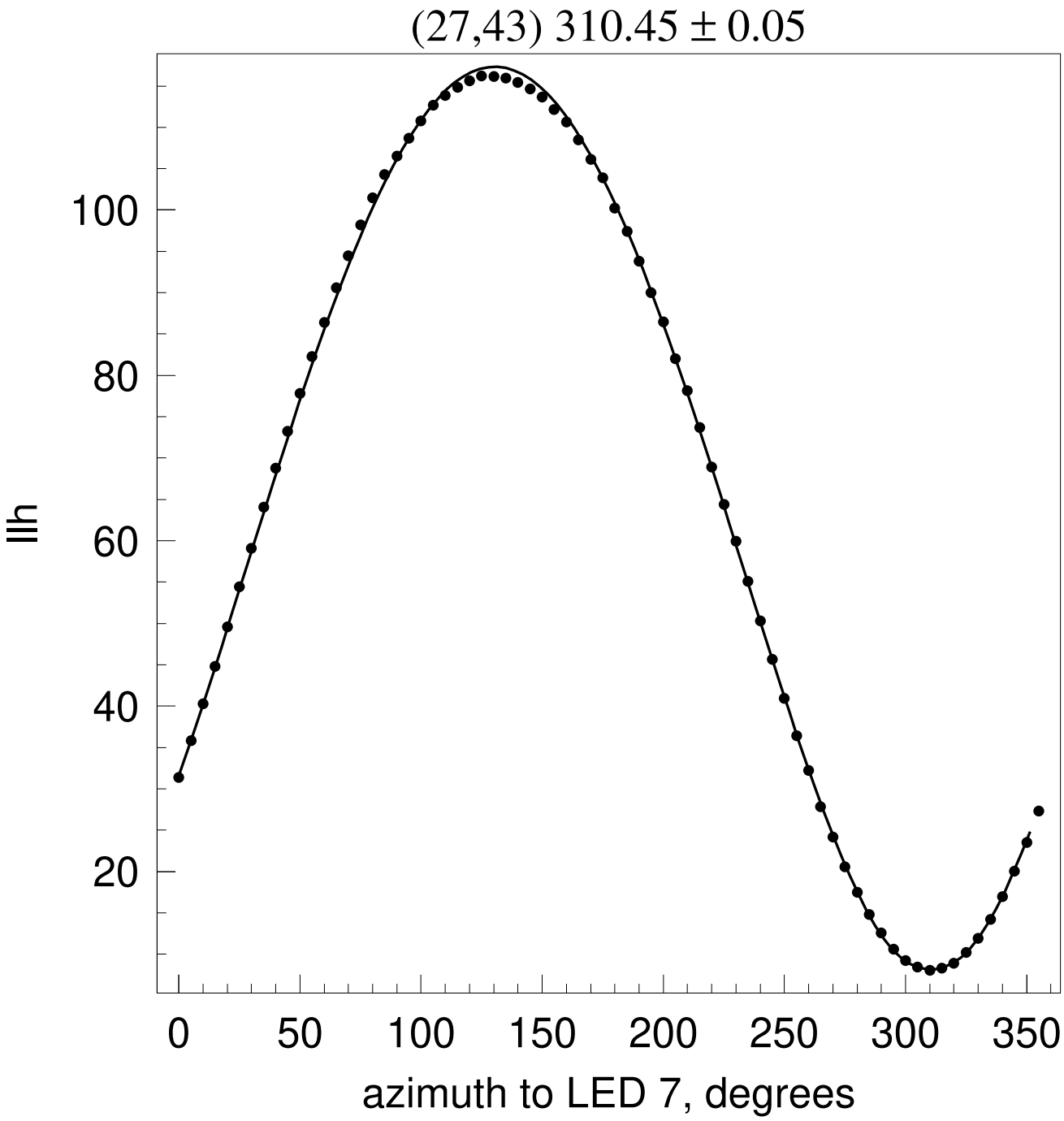

(27,38) 241.01 ± 0.06
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

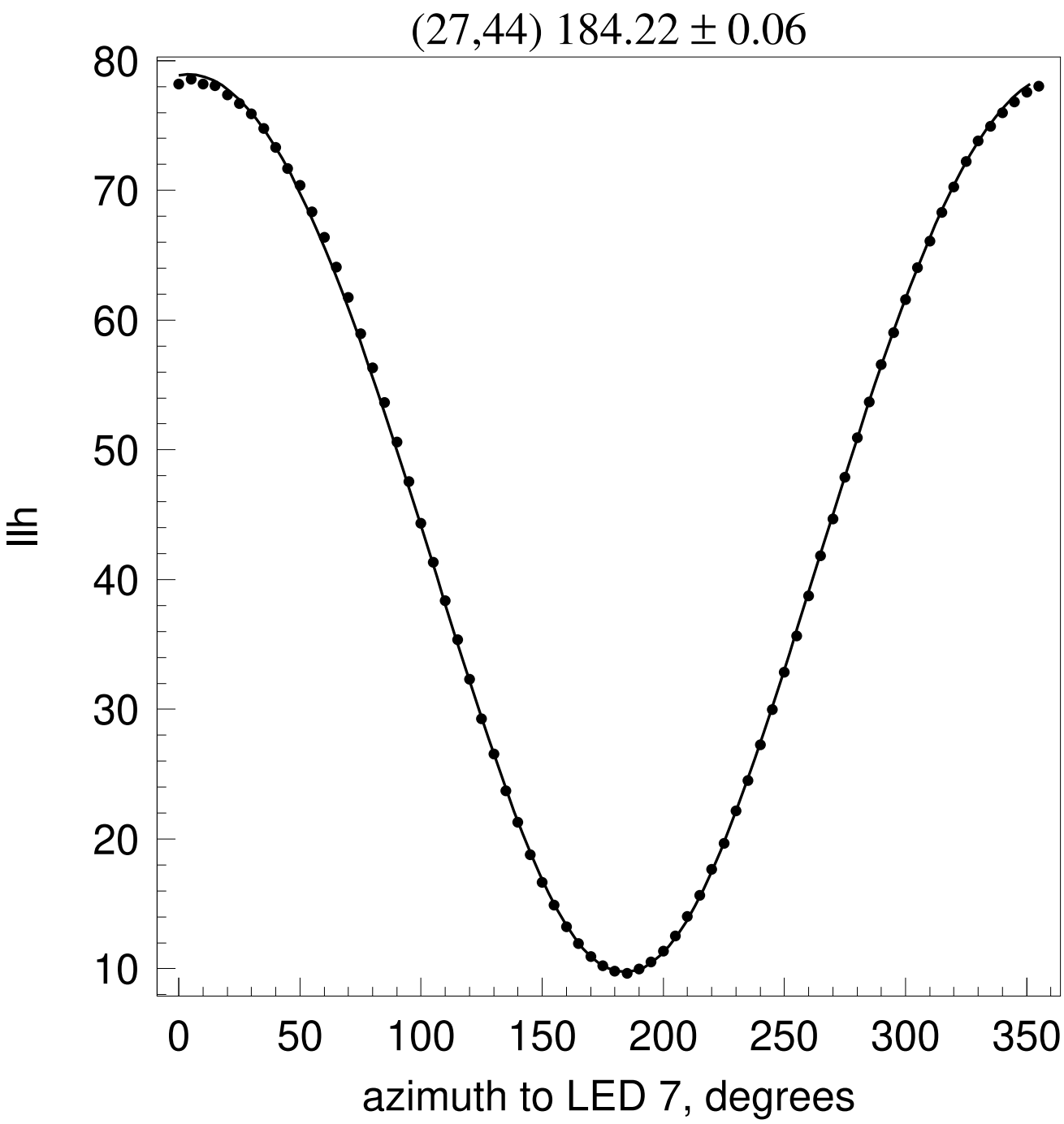

(27,39) 327.18 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

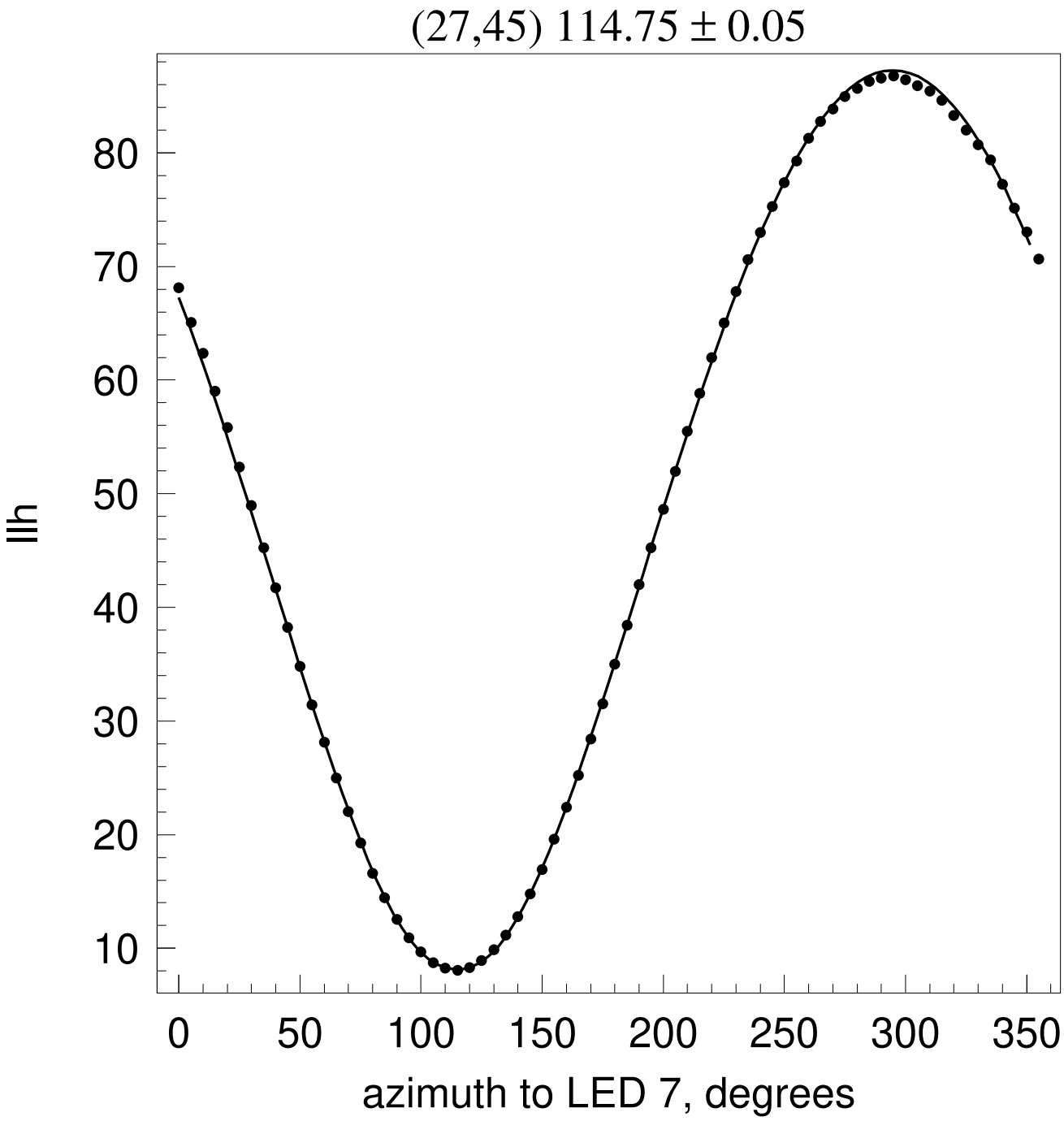

(27,40) 338.19 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

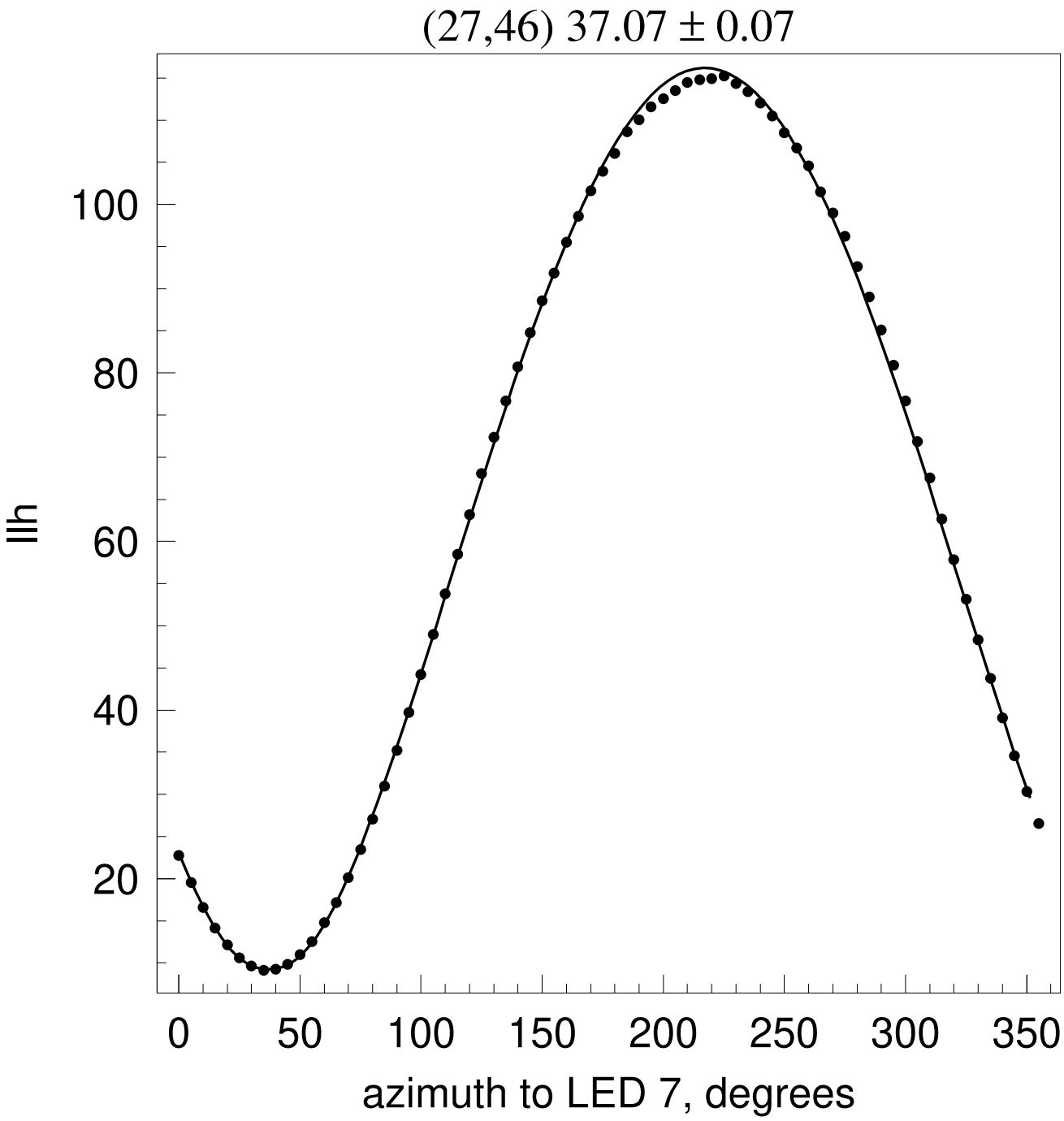

(27,41) 121.46 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

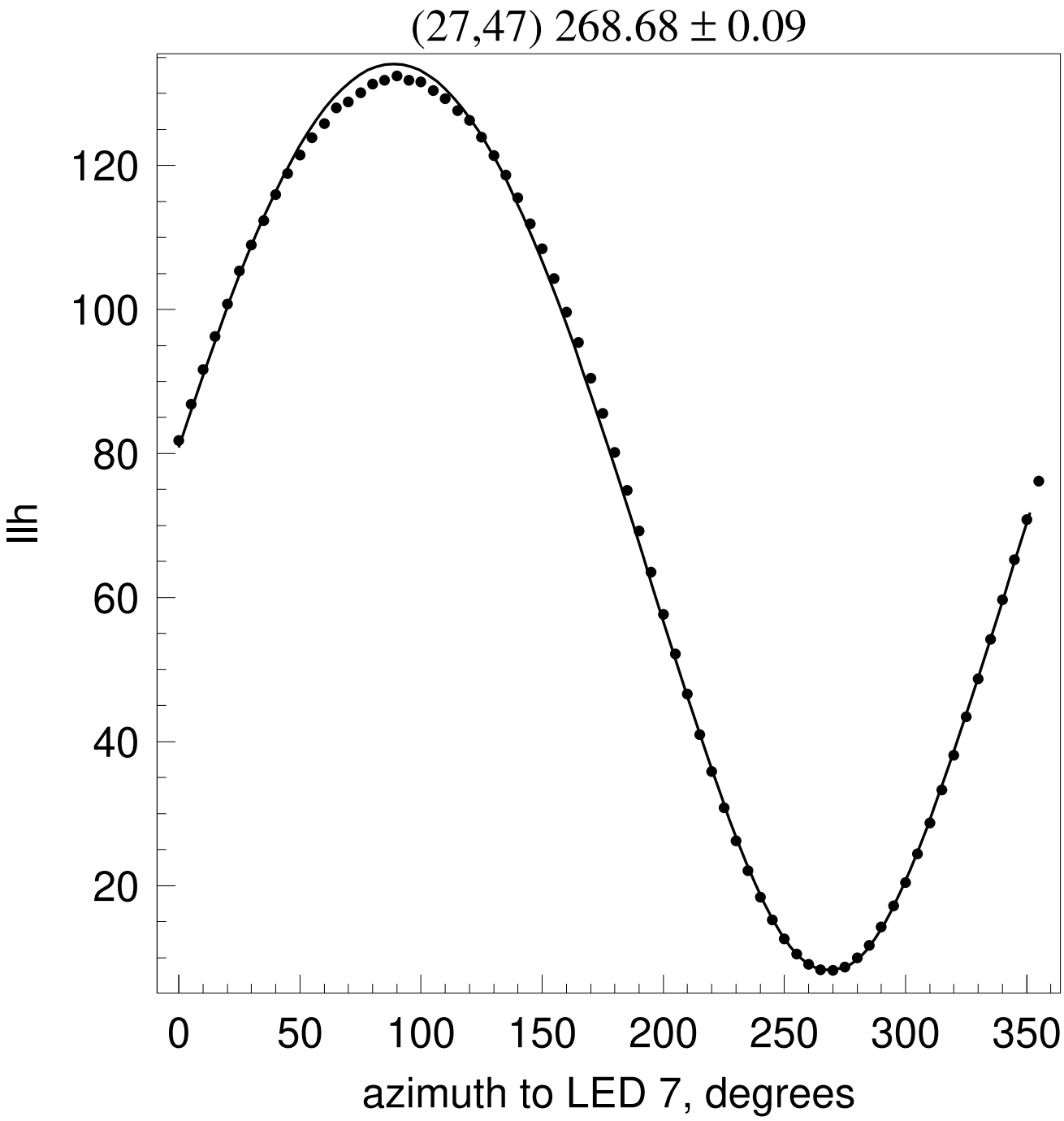

(27,42) 149.92 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

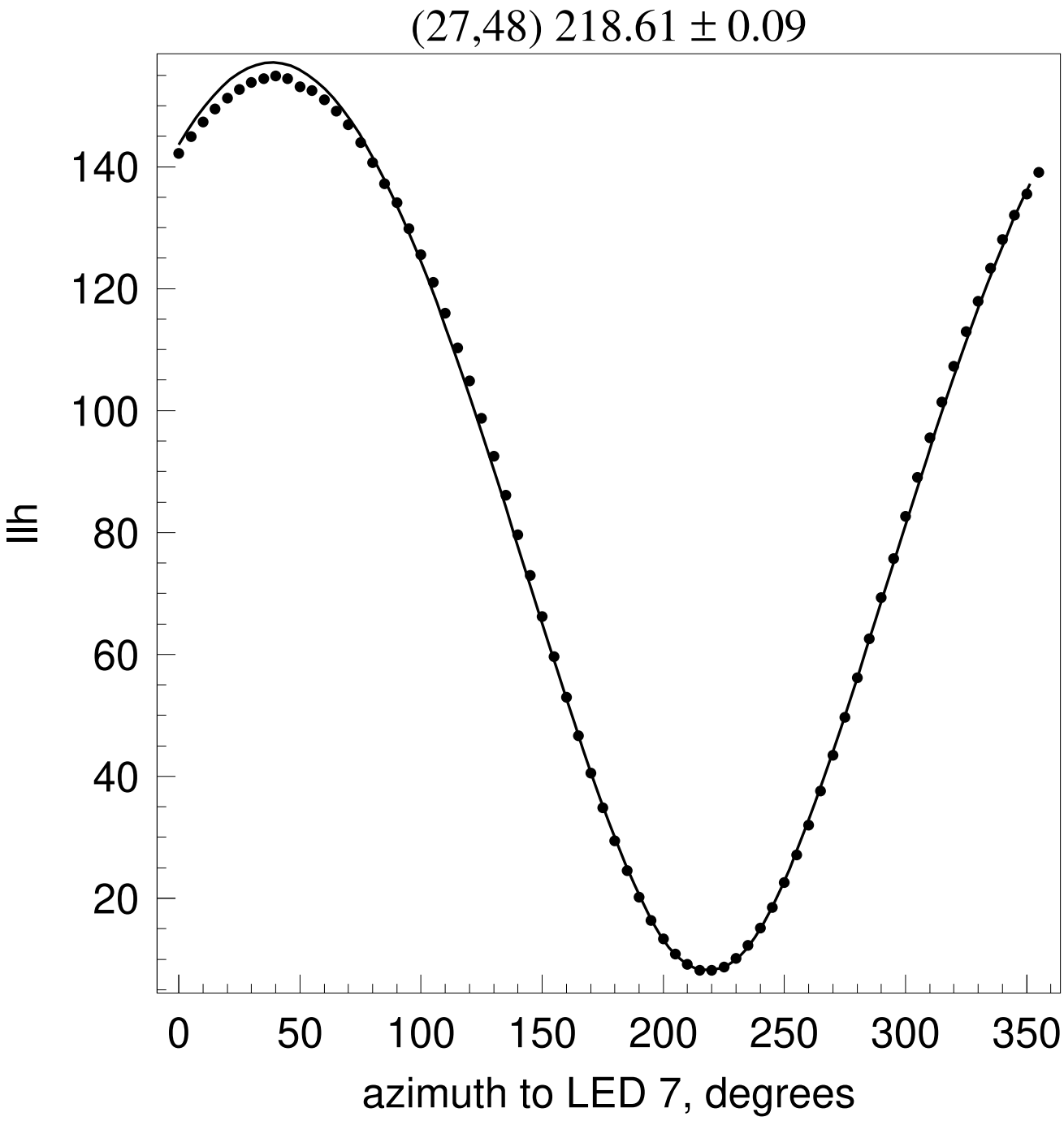

(27,43) 310.45 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

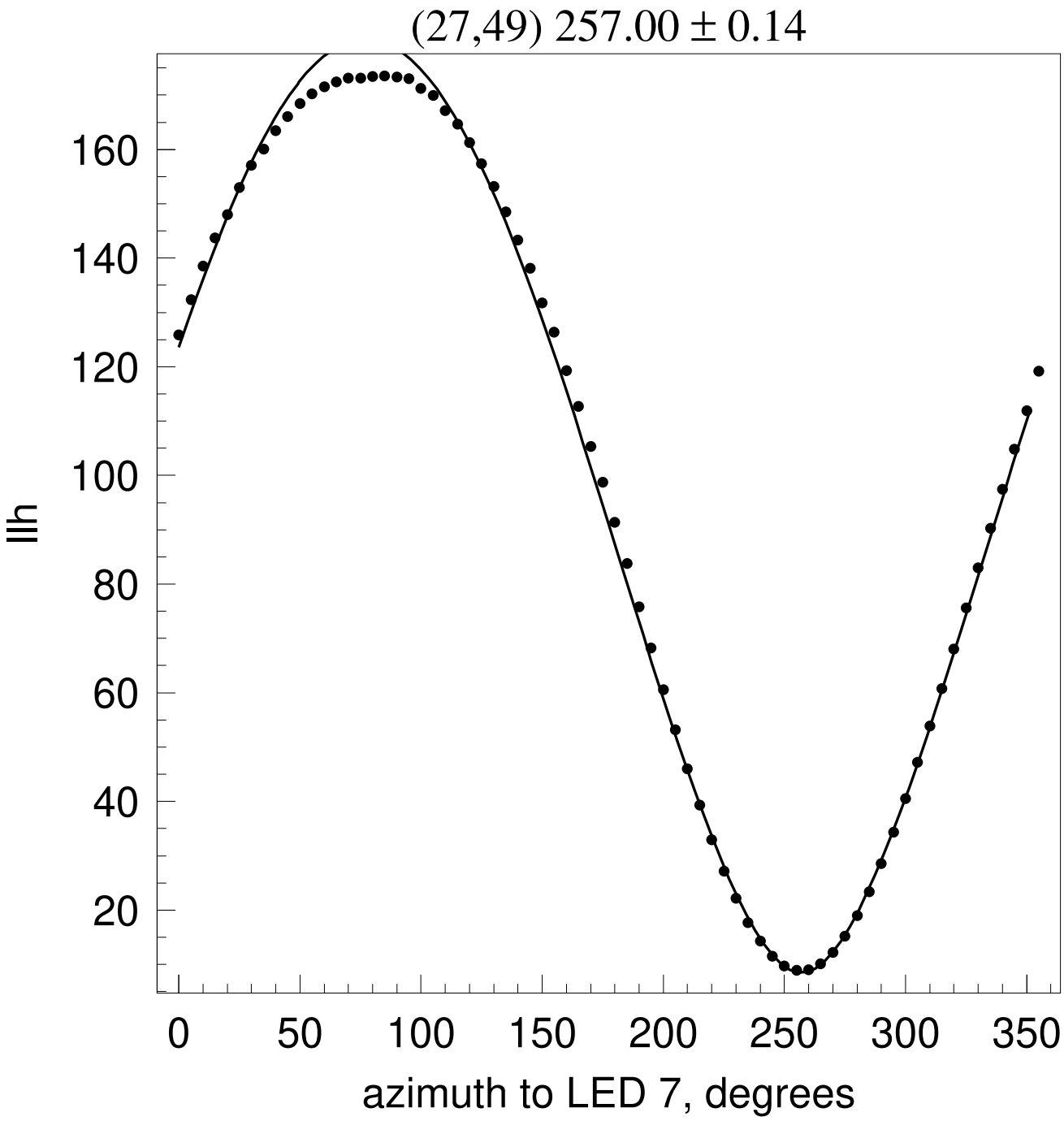

(27,44) 184.22 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

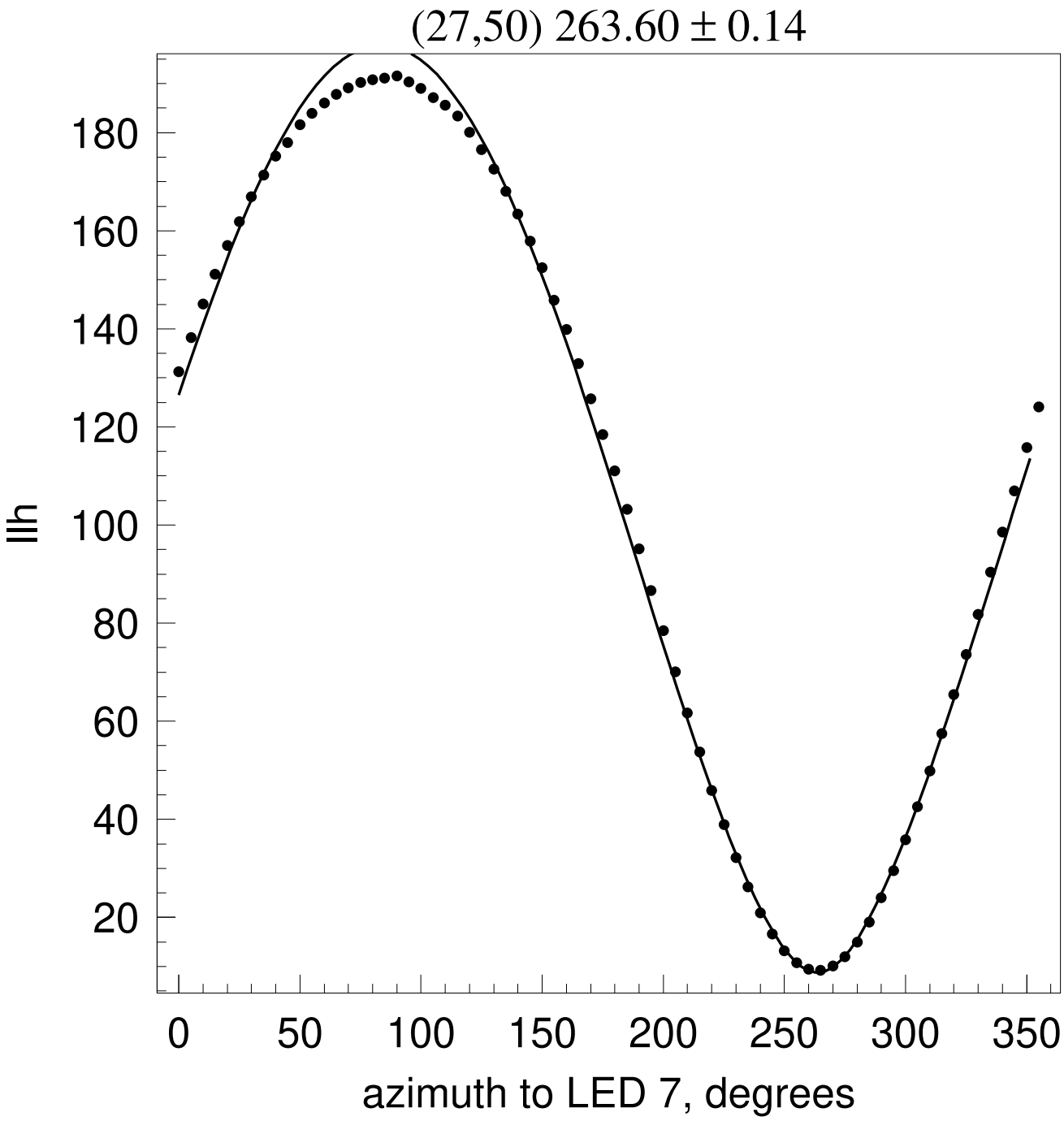

(27,45) 114.75 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

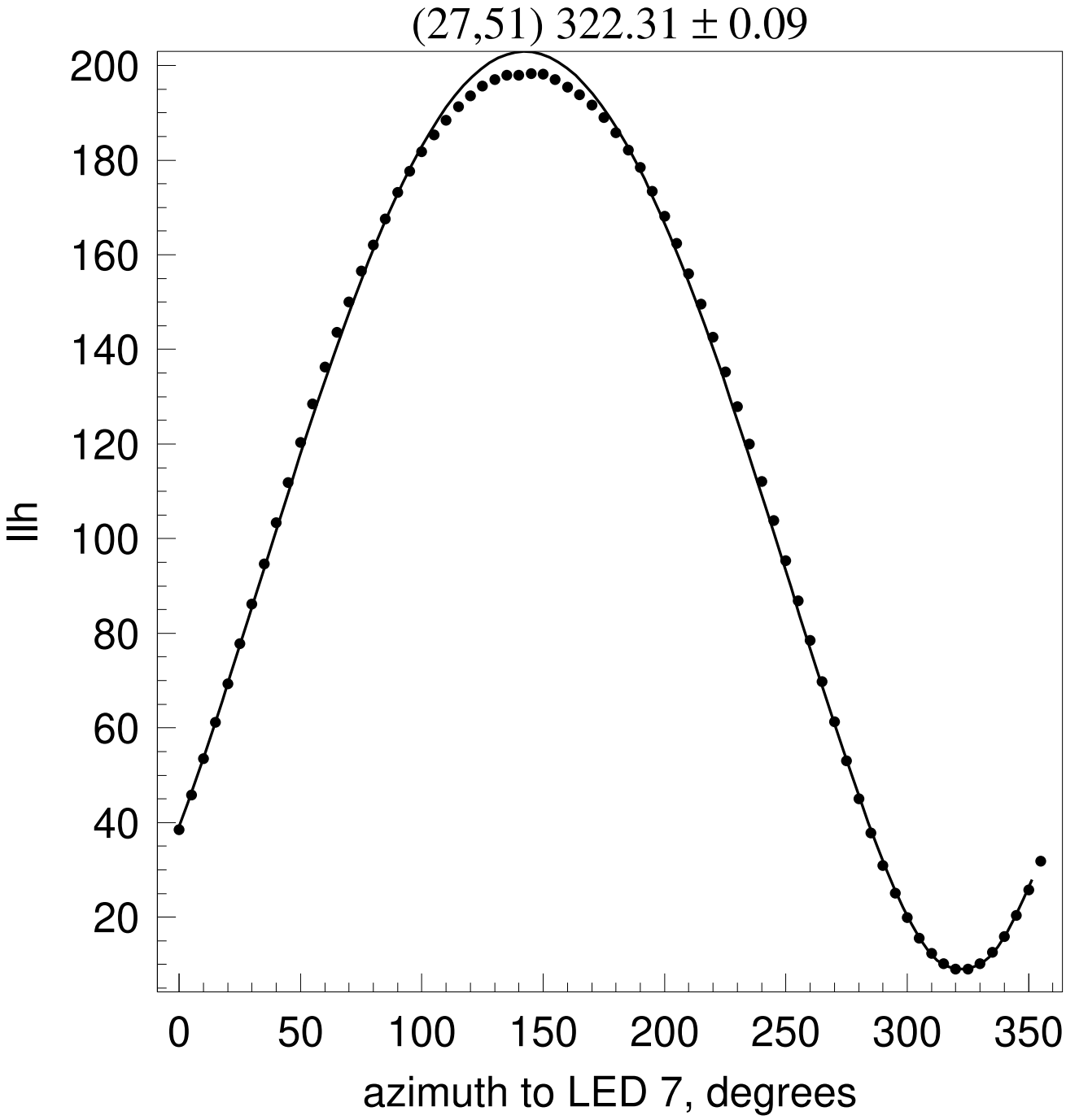

(27,46) 37.07 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

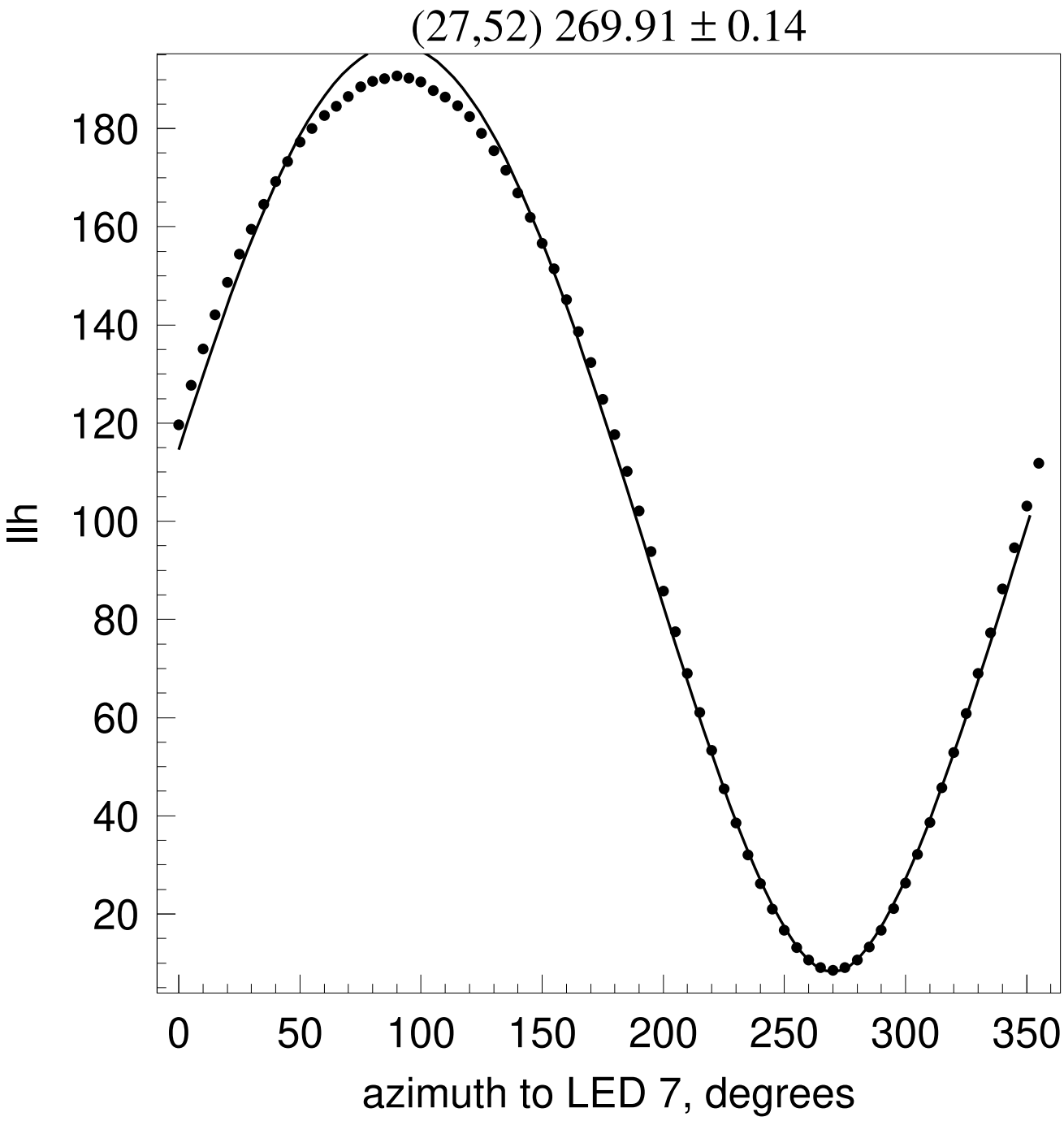

(27,47) 268.68 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

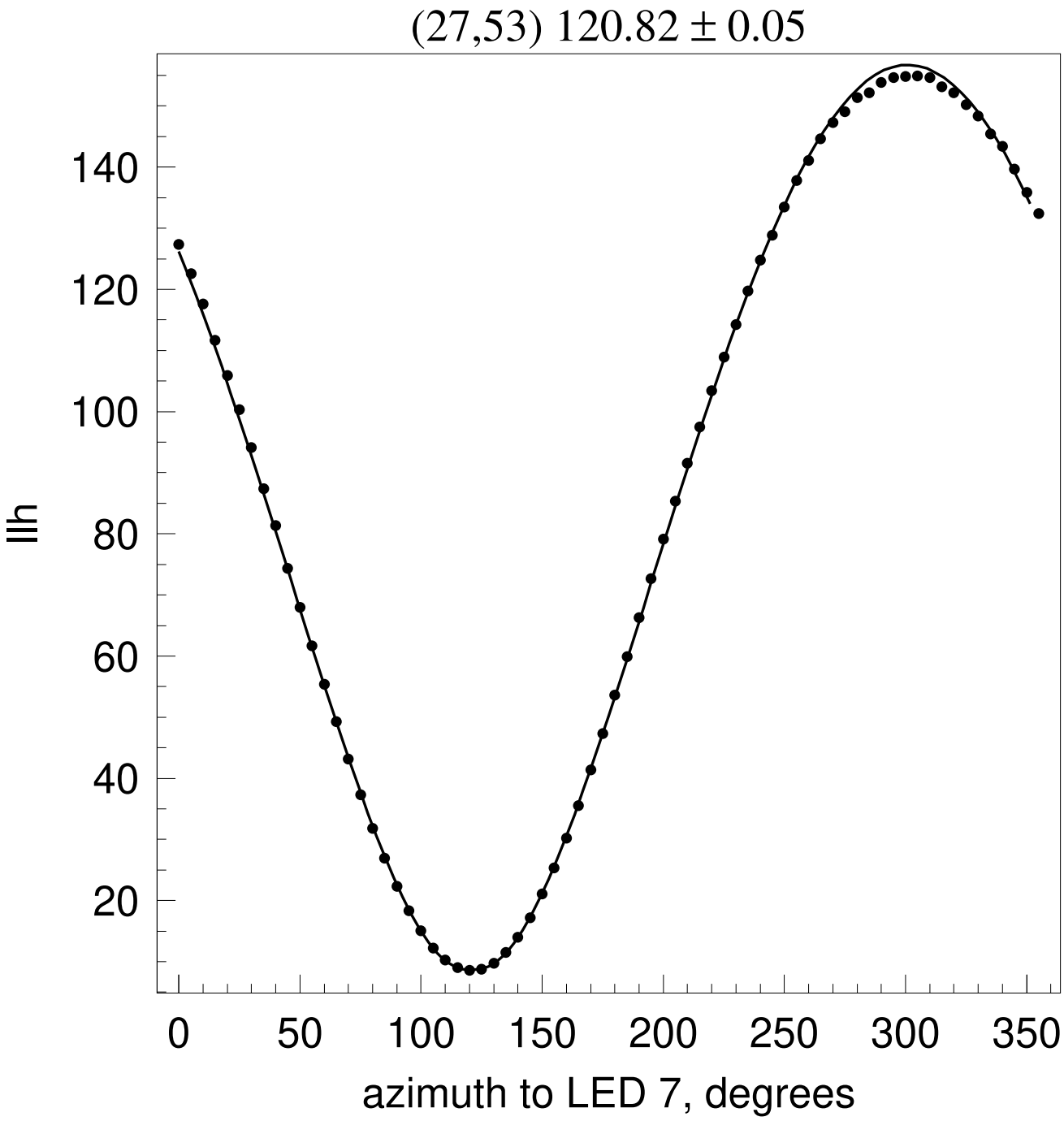

(27,48) 218.61 ± 0.09
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

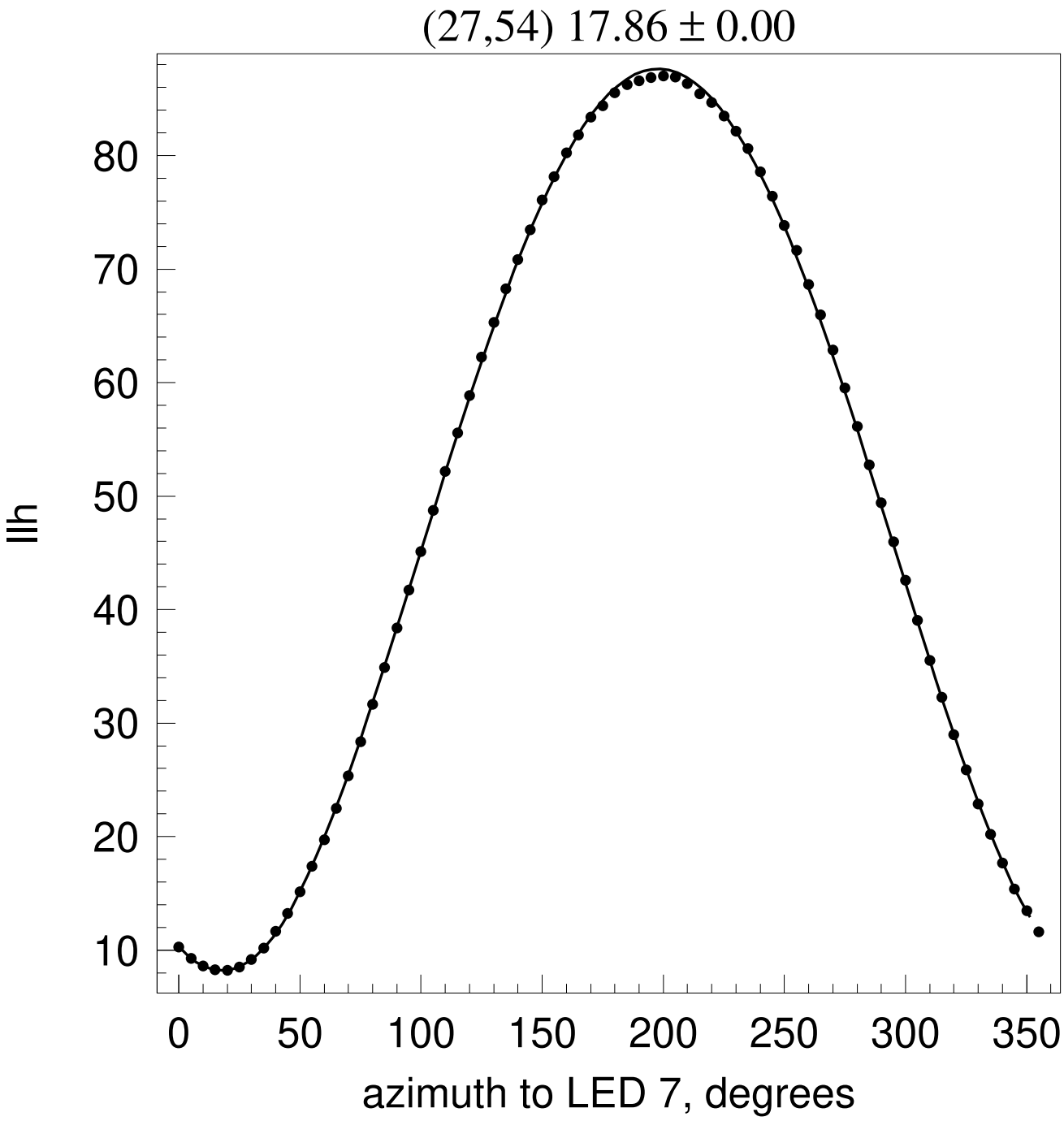

(27,49) 257.00 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

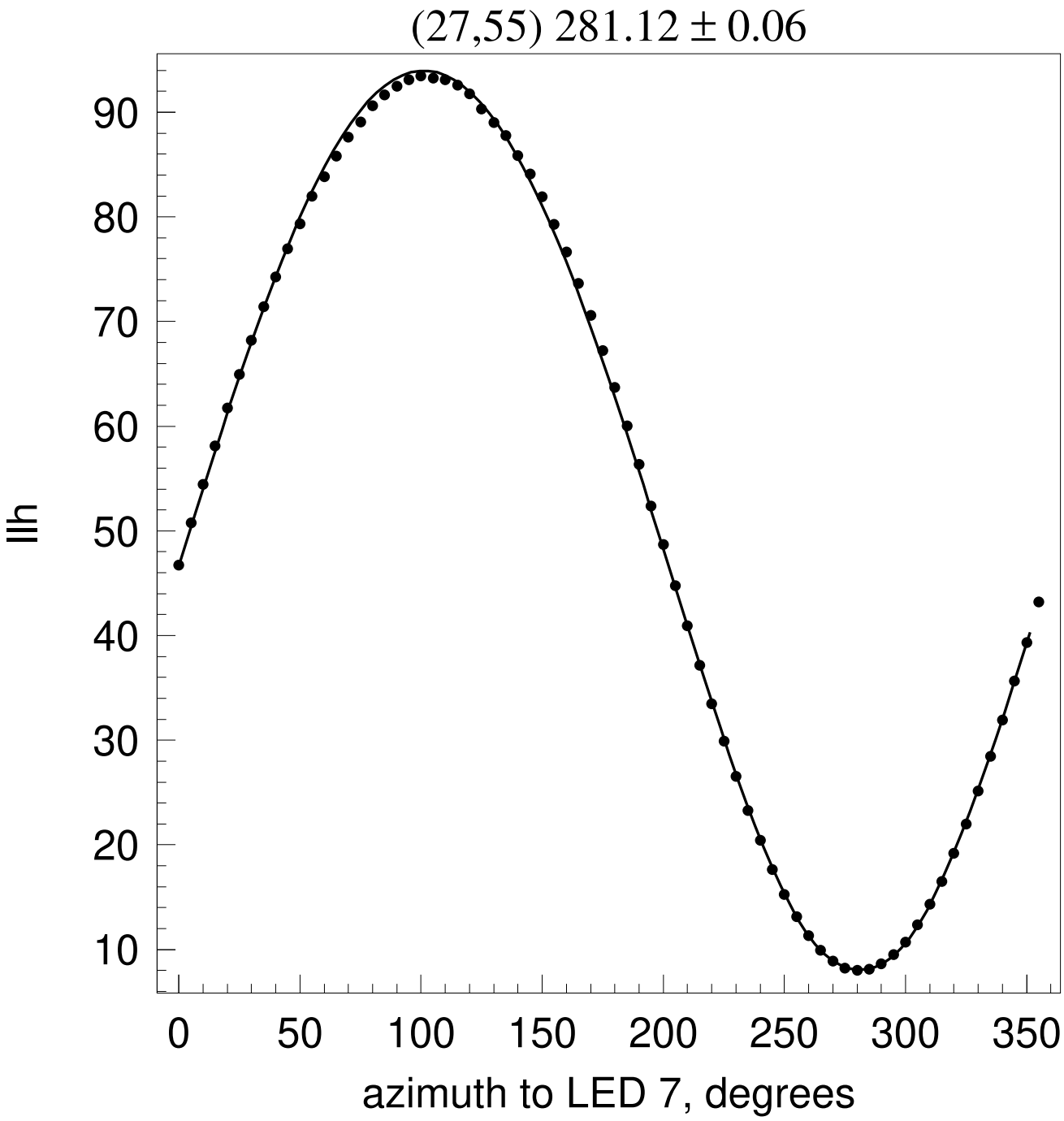

(27,50) 263.60 ± 0.14
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

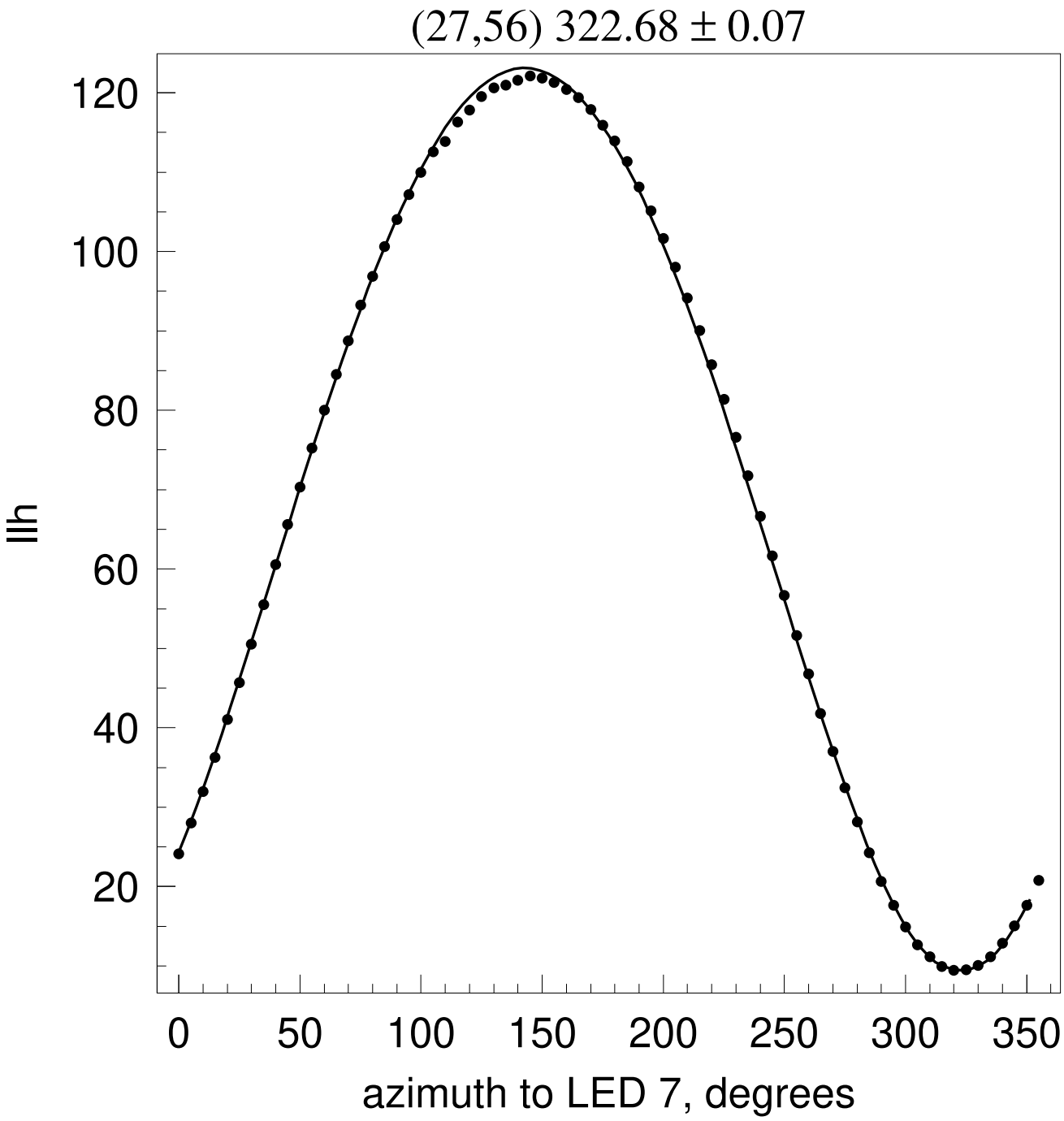

(27,51) 322.31 ± 0.09
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

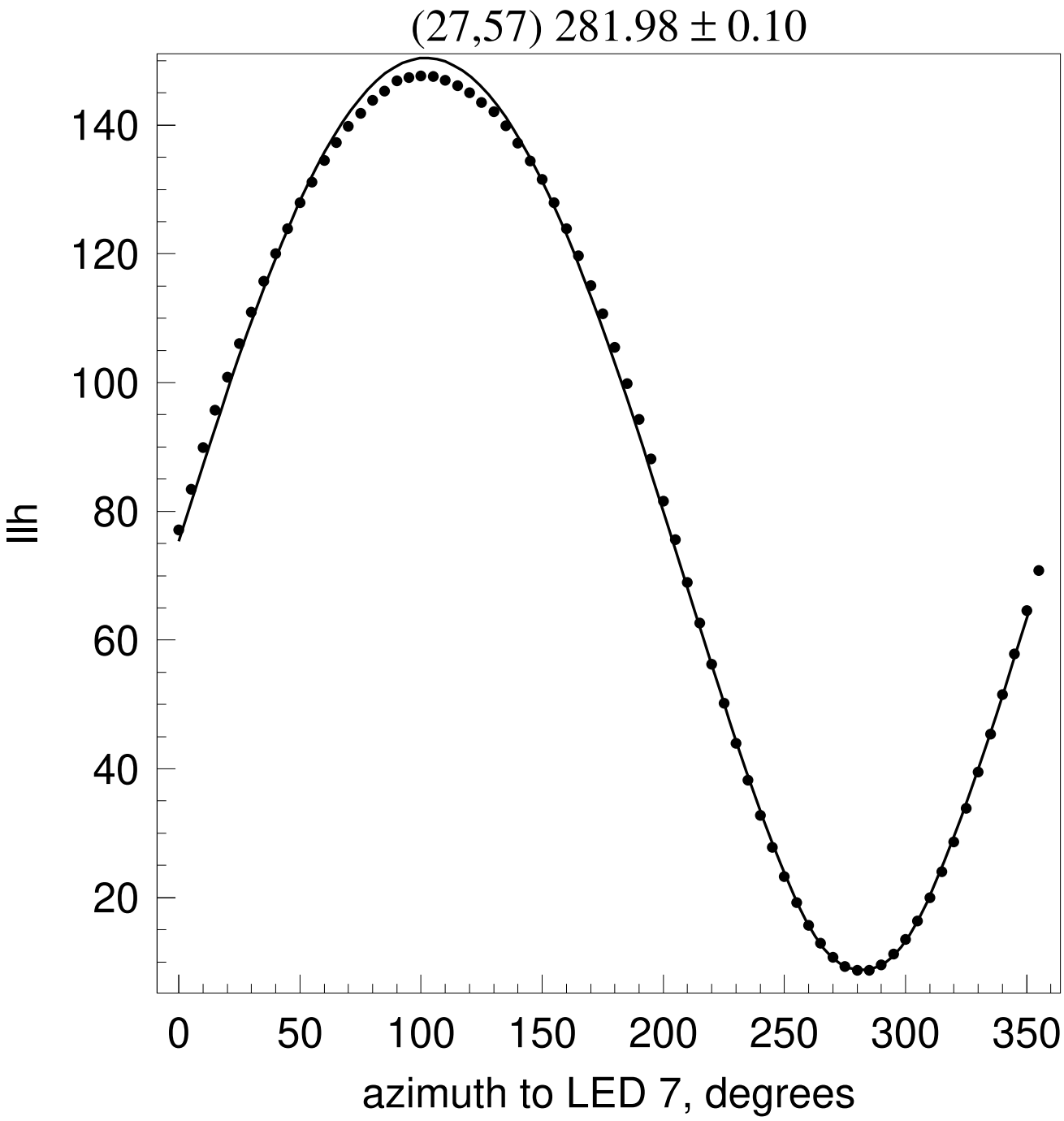

(27,52) 269.91 ± 0.14
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

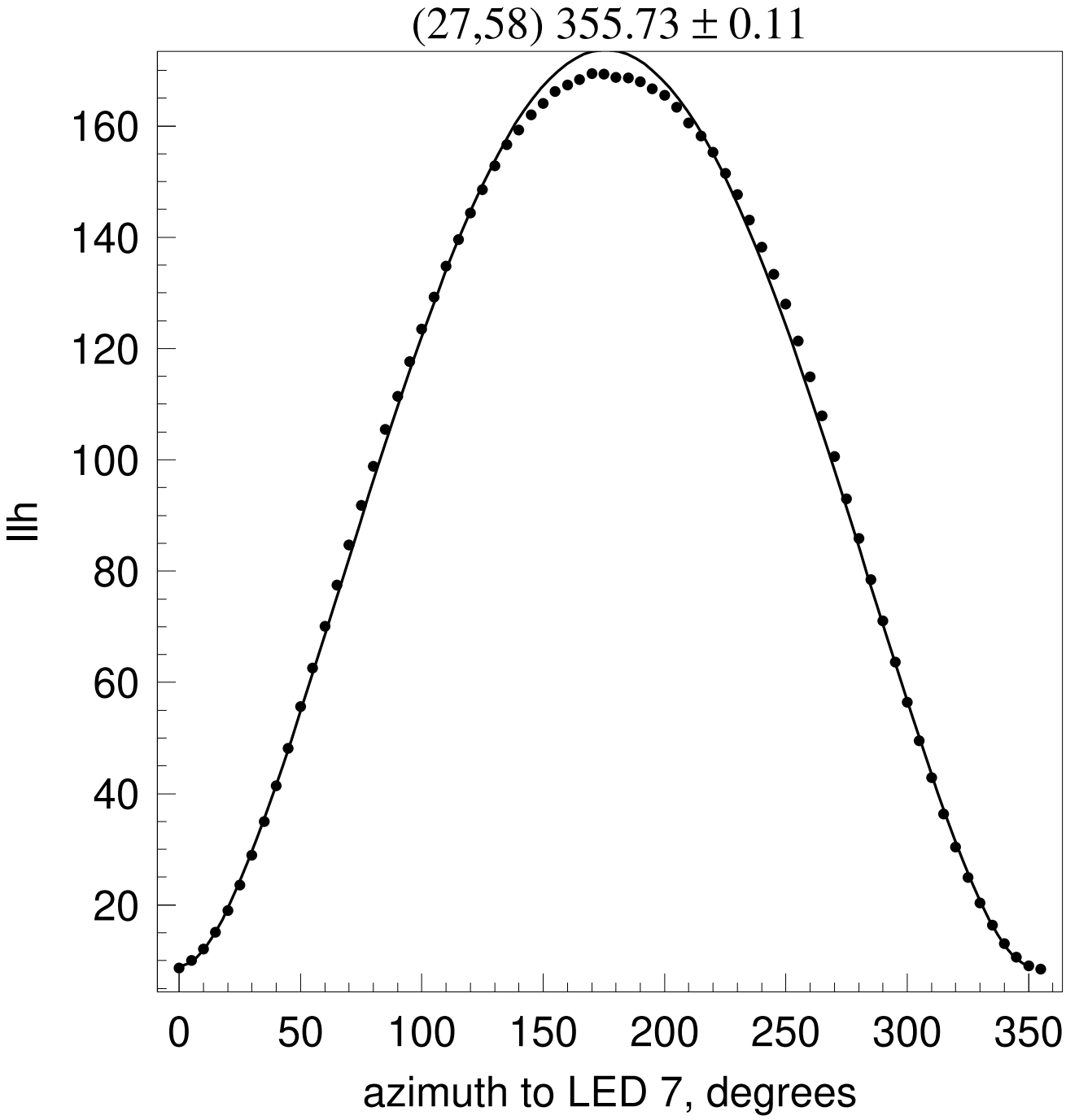

(27,53) 120.82 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

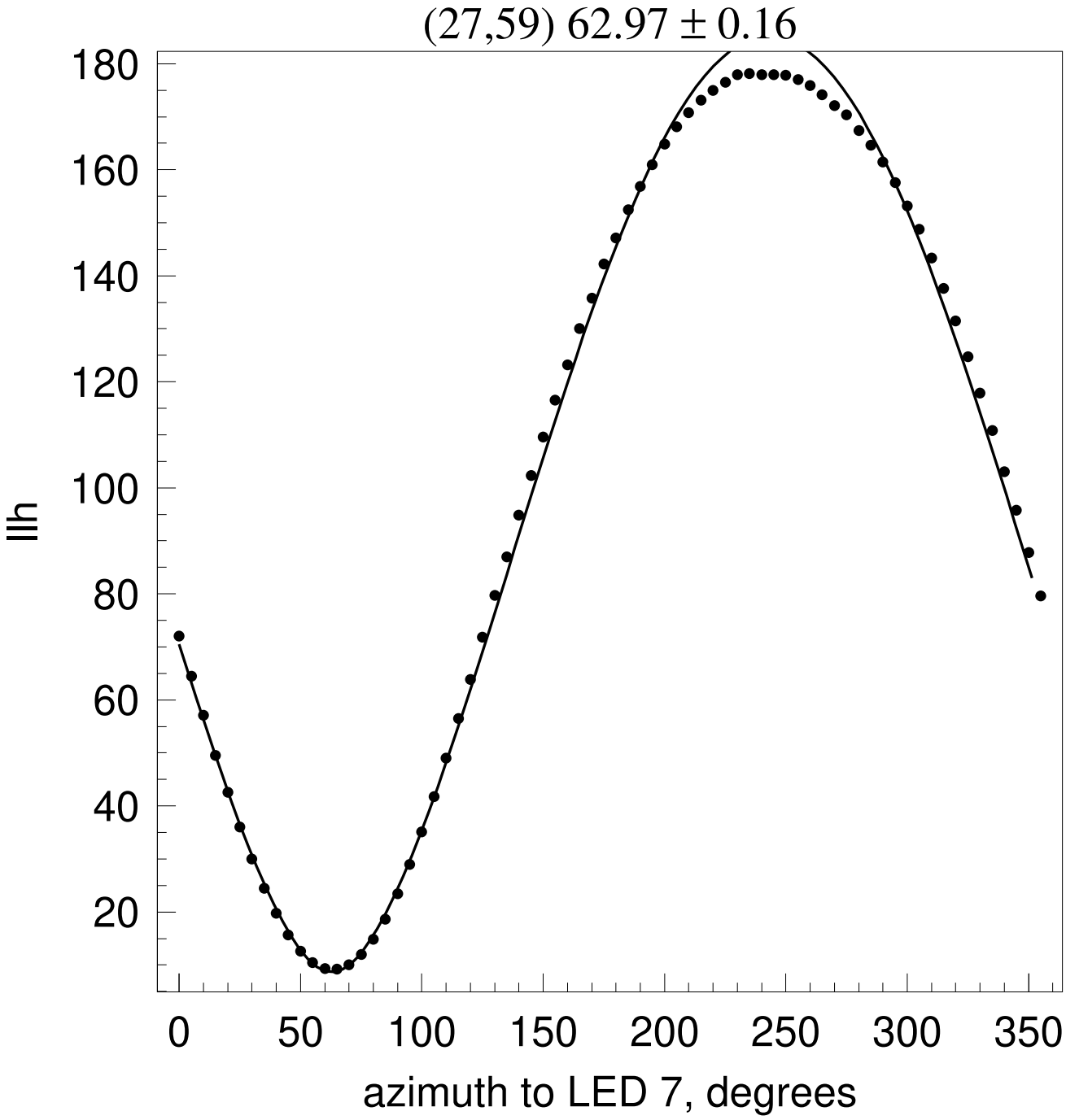

(27,54) 17.86 ± 0.00
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

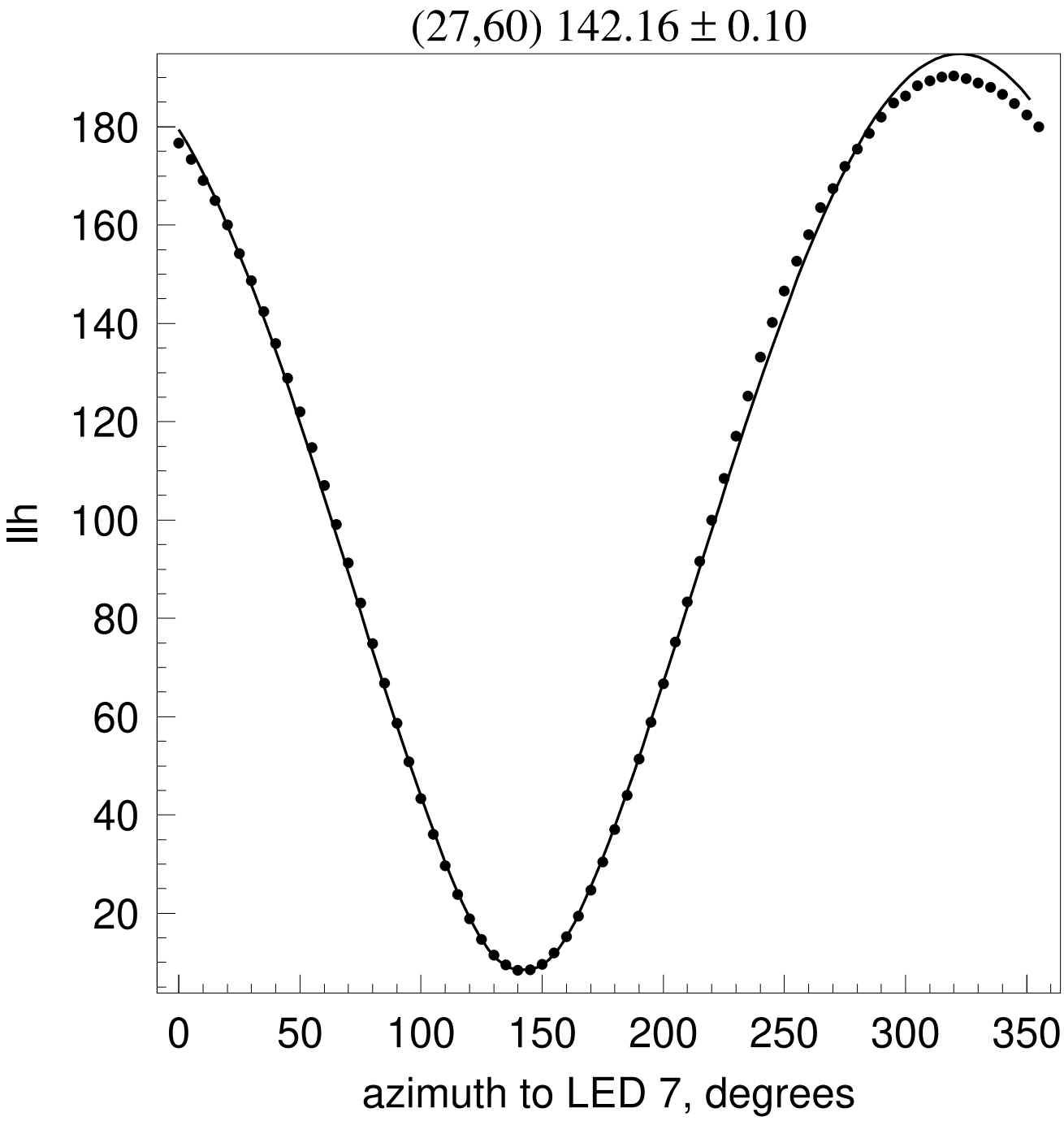

(27,55) 281.12 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

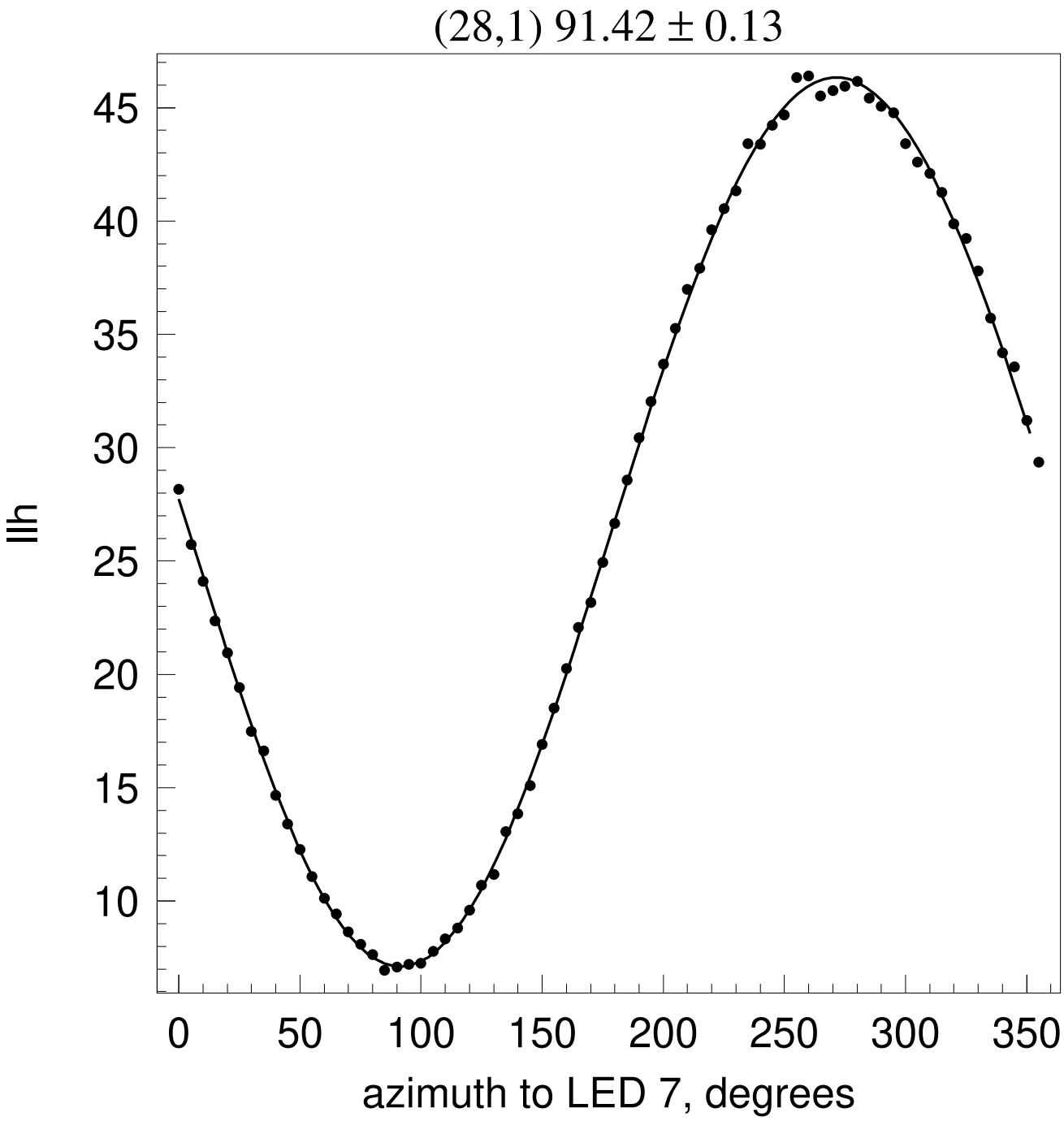

(27,56) 322.68 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

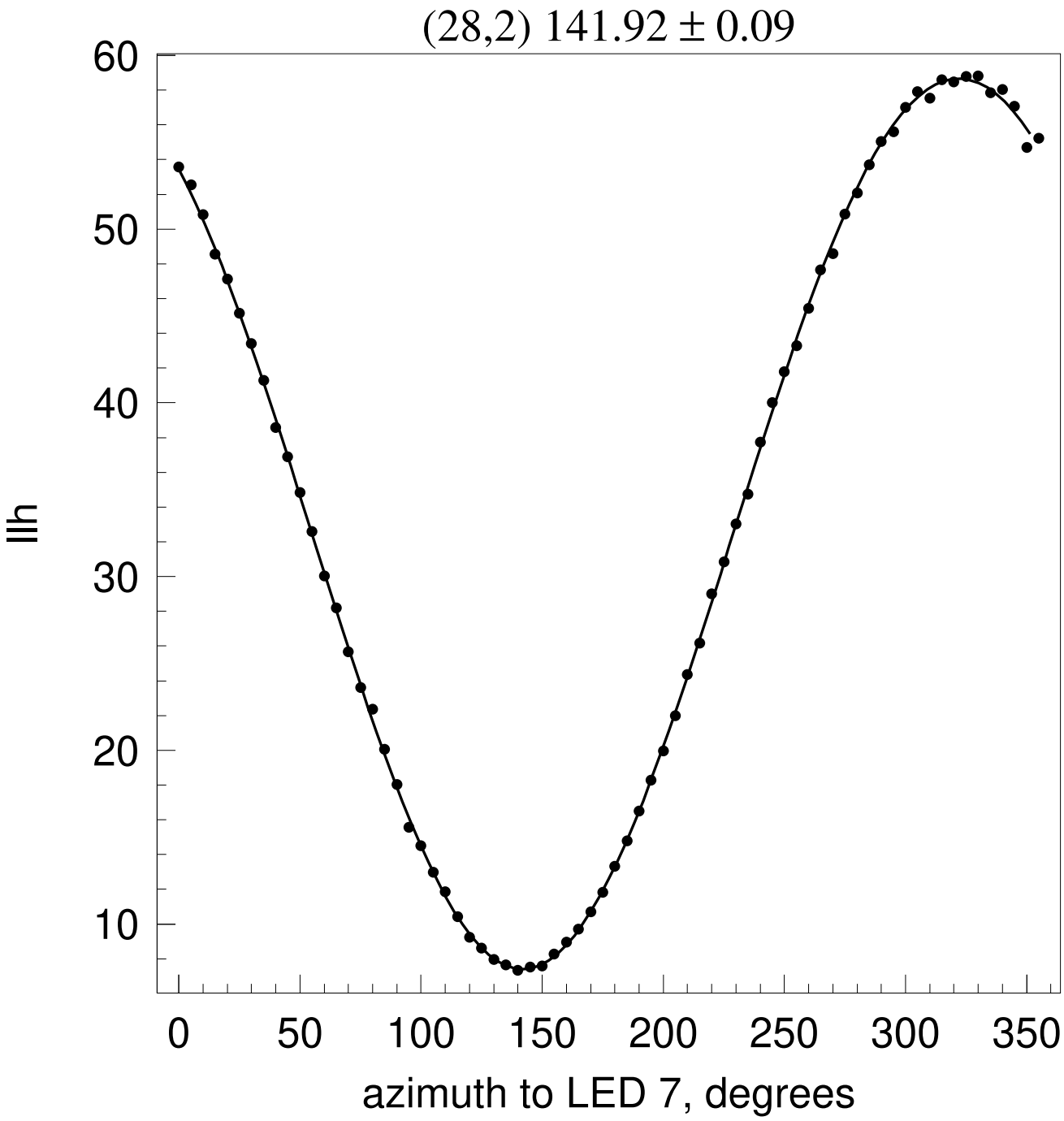

(27,57) 281.98 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

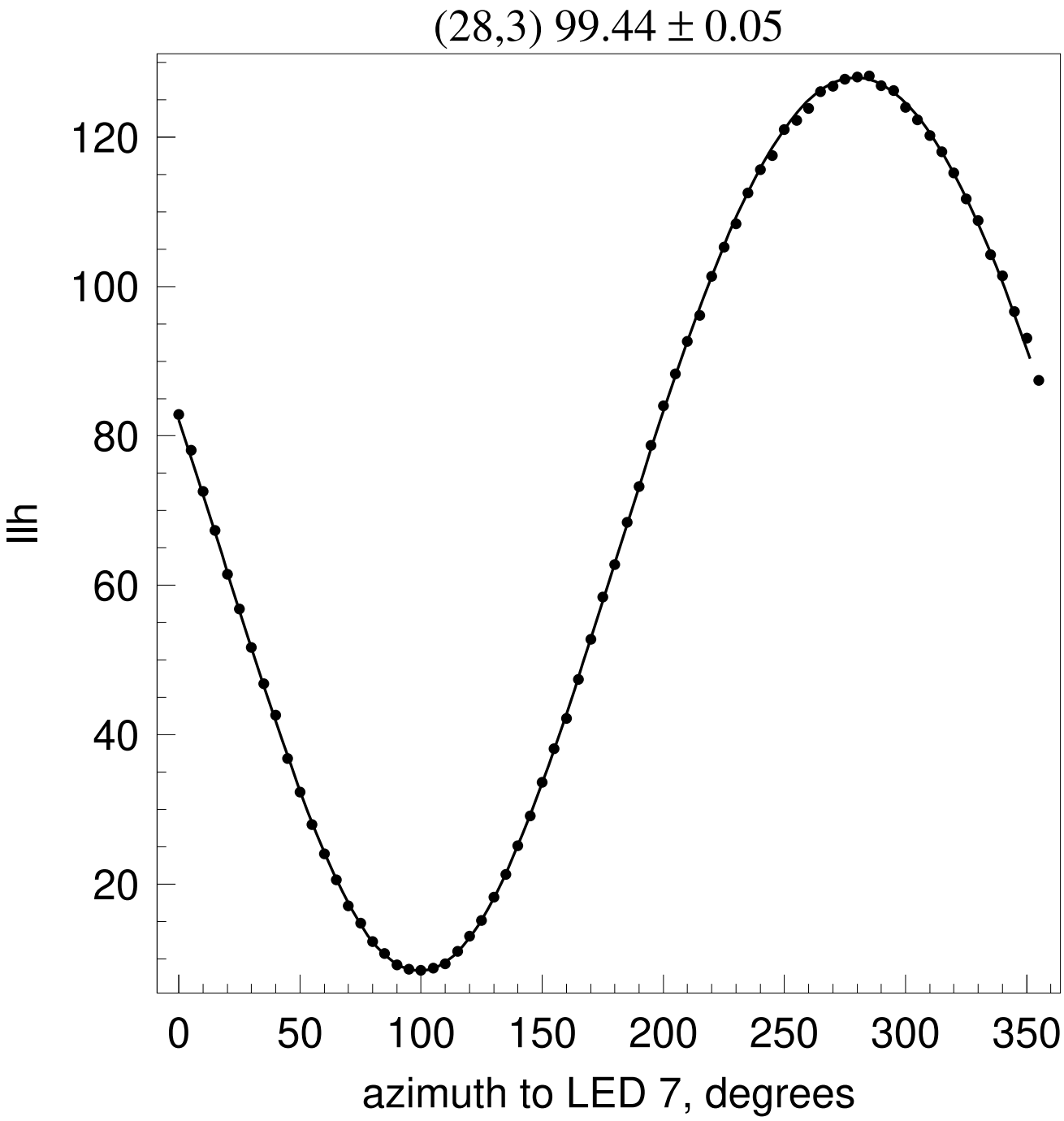

(27,58) 355.73 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

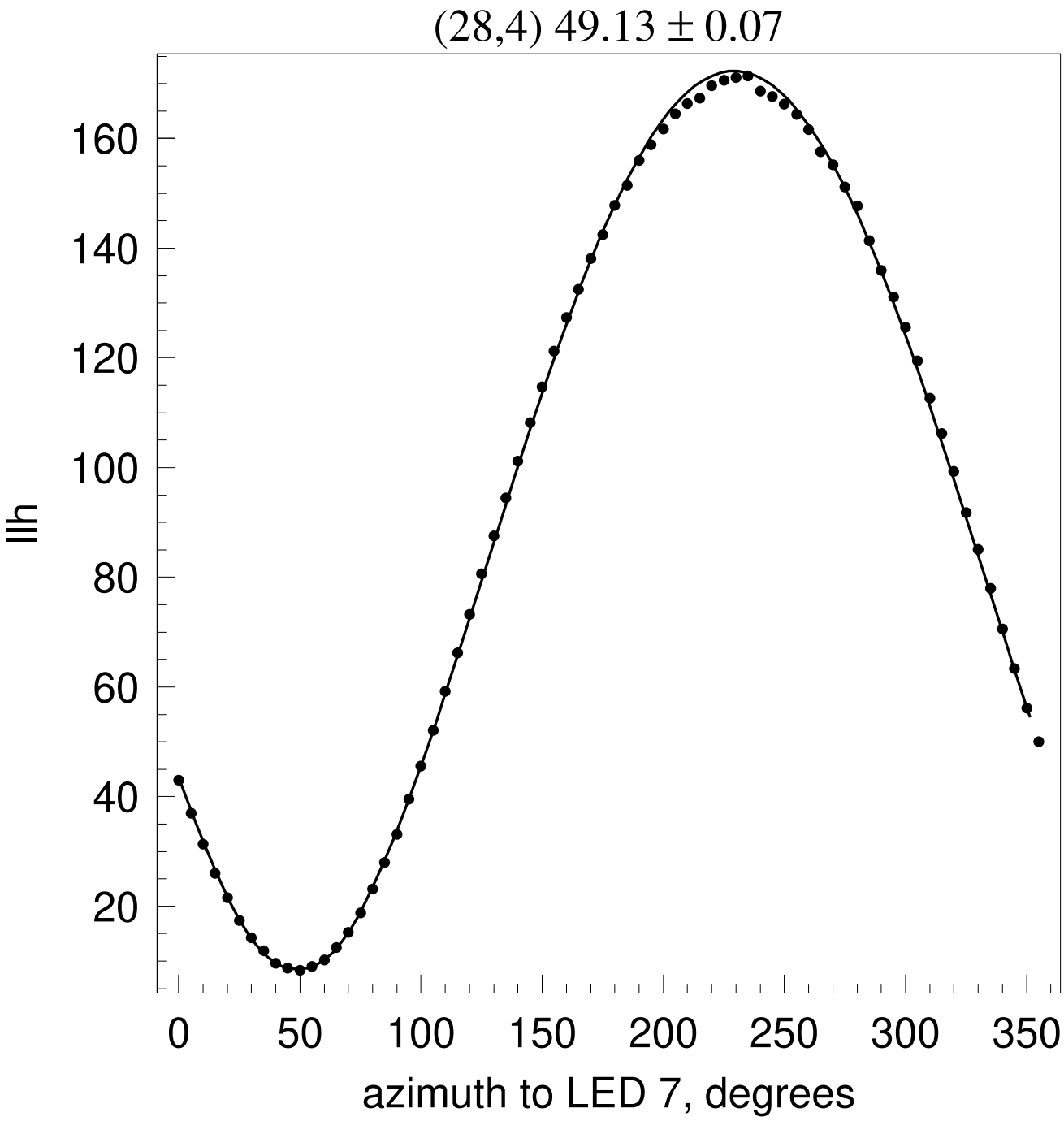

(27,59) 62.97 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

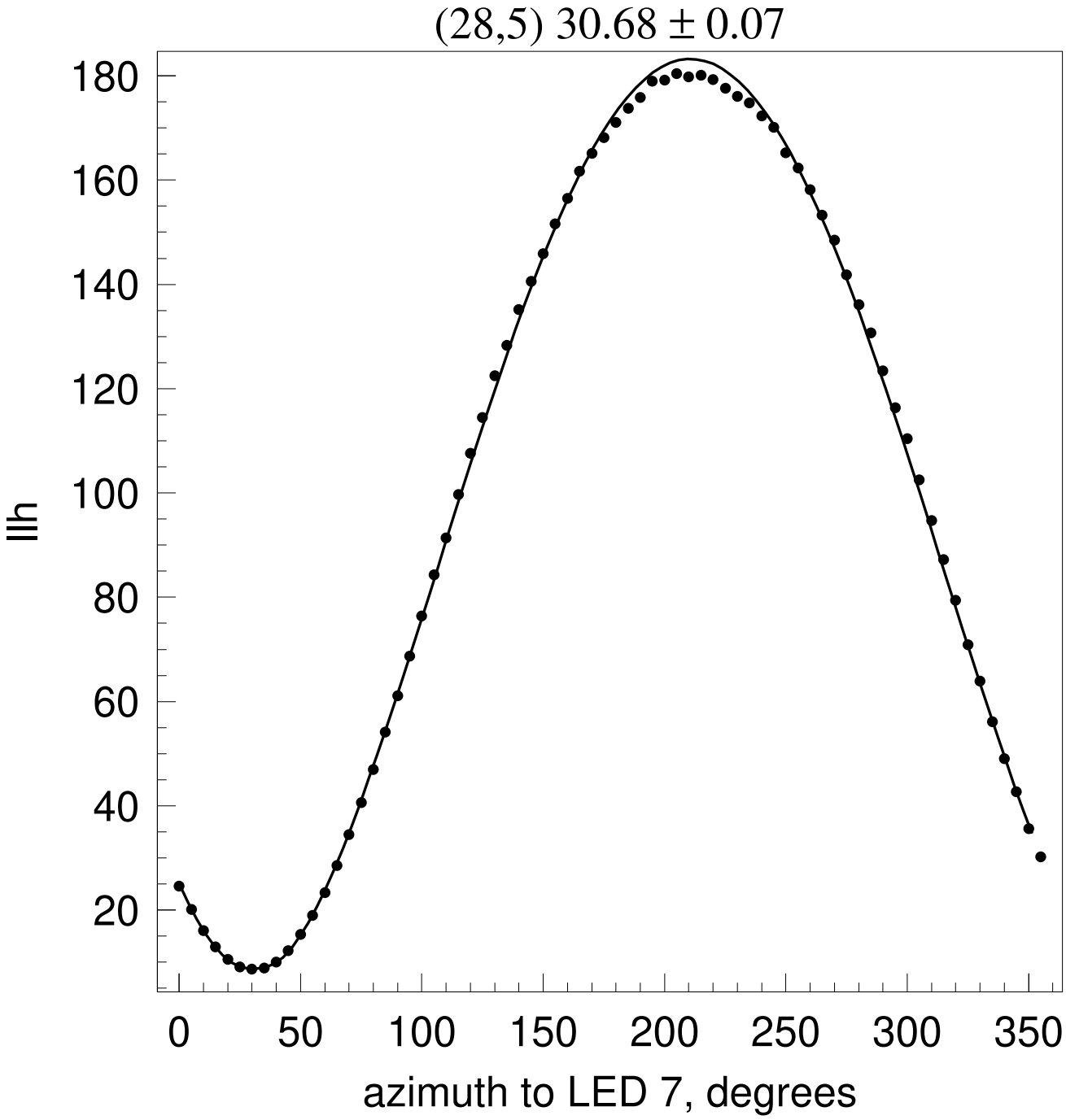

(27,60) 142.16 ± 0.10
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

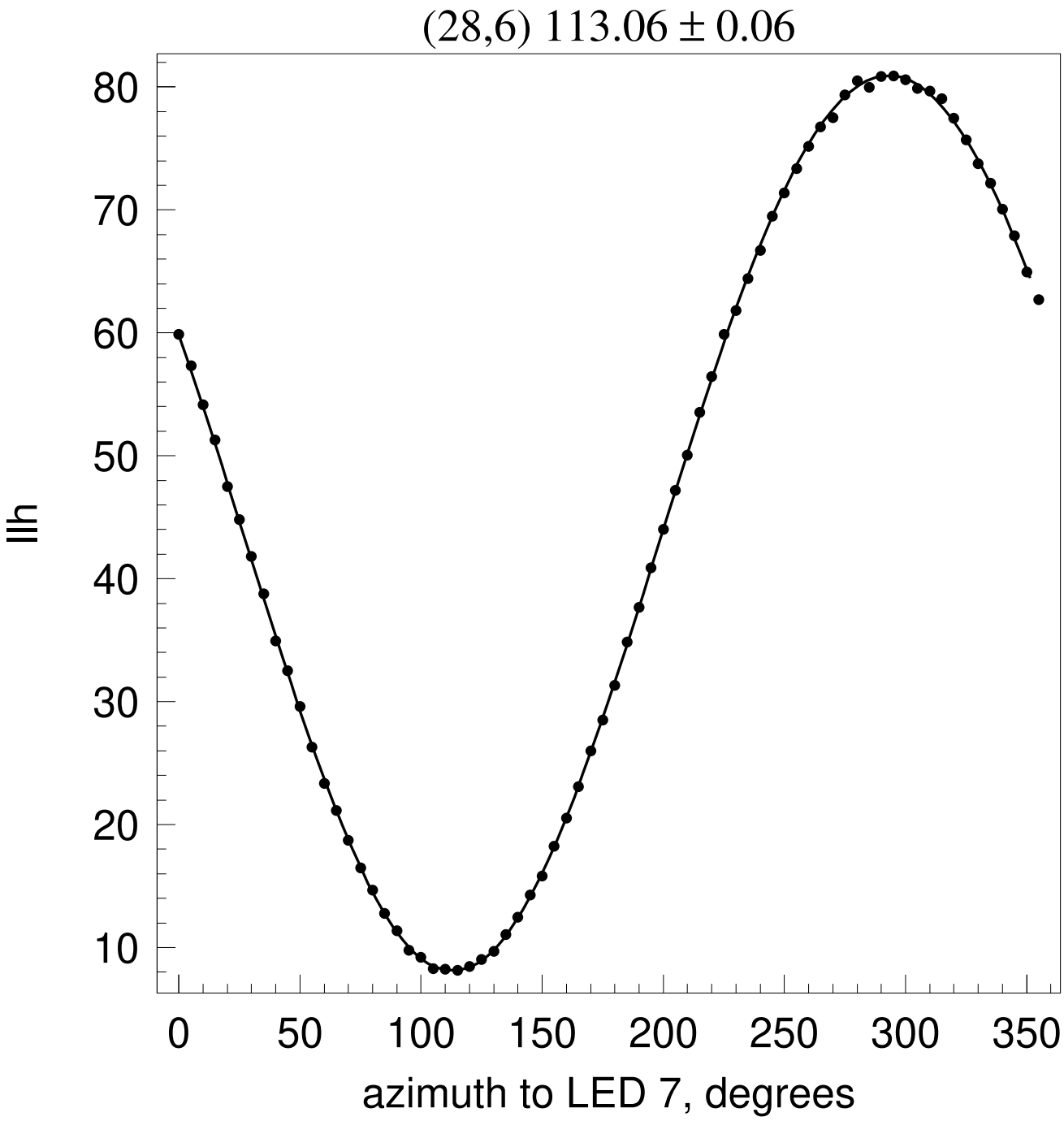

(28,1) 91.42 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

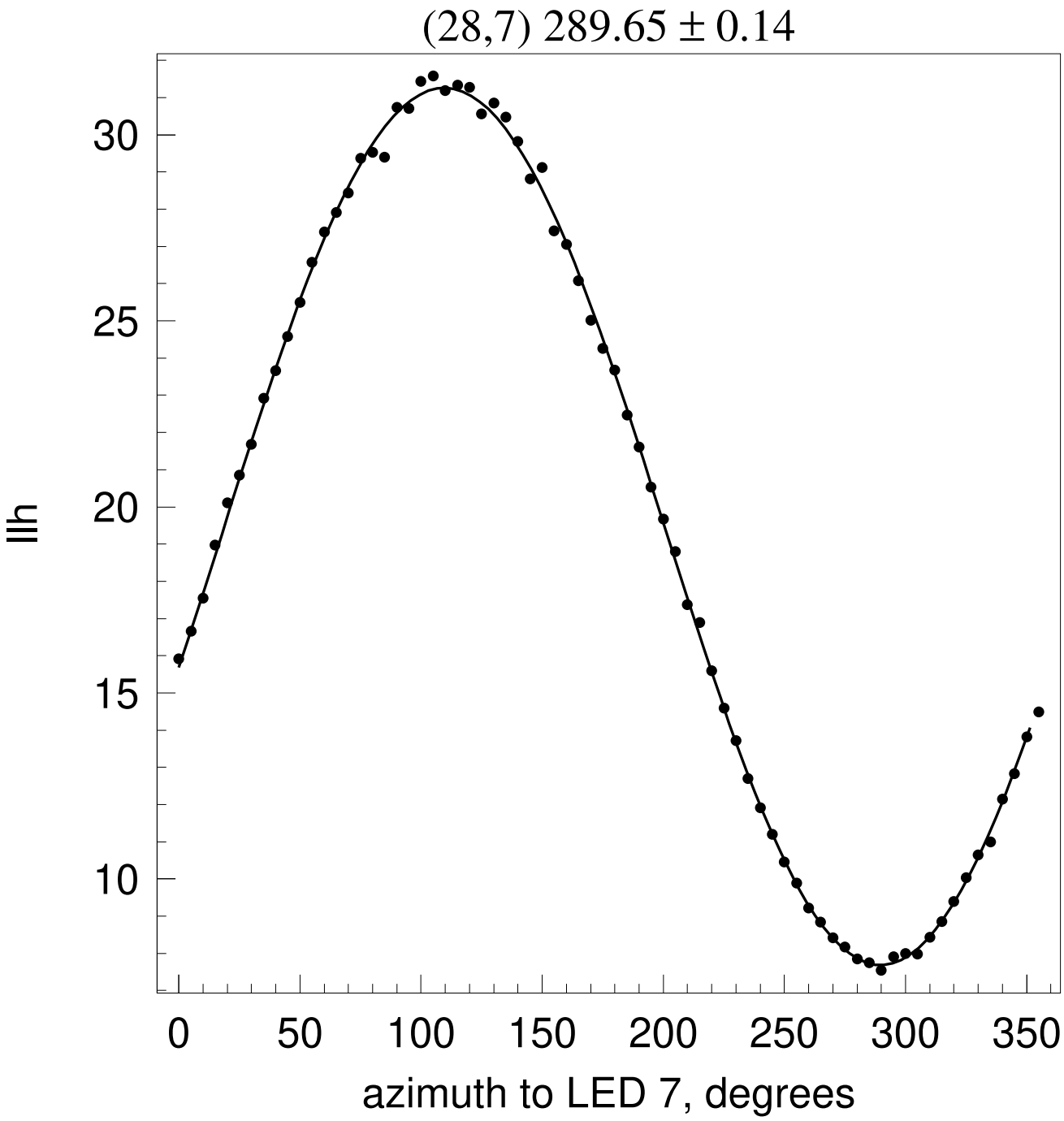

(28,2) 141.92 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

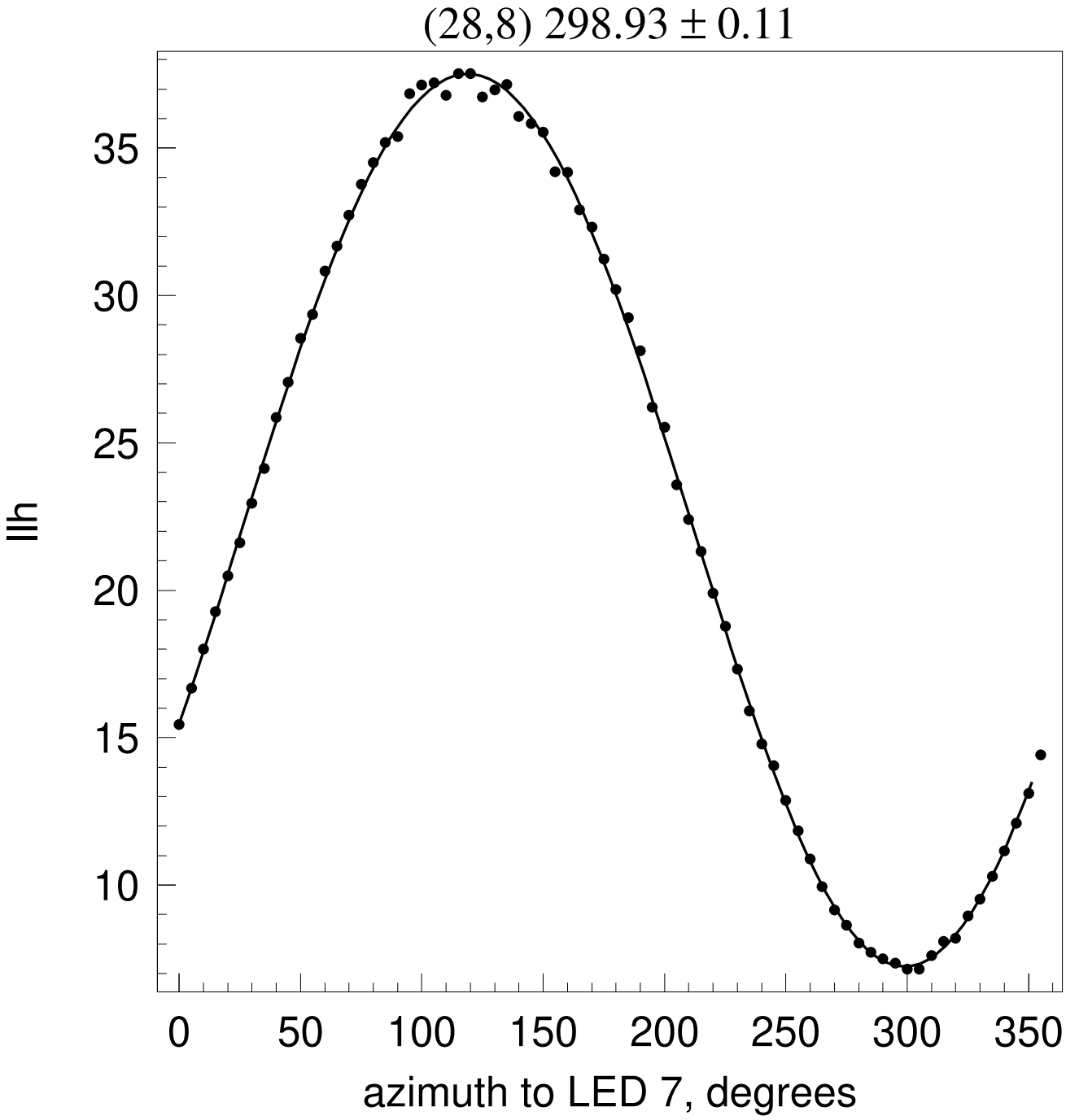

(28,3) 99.44 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

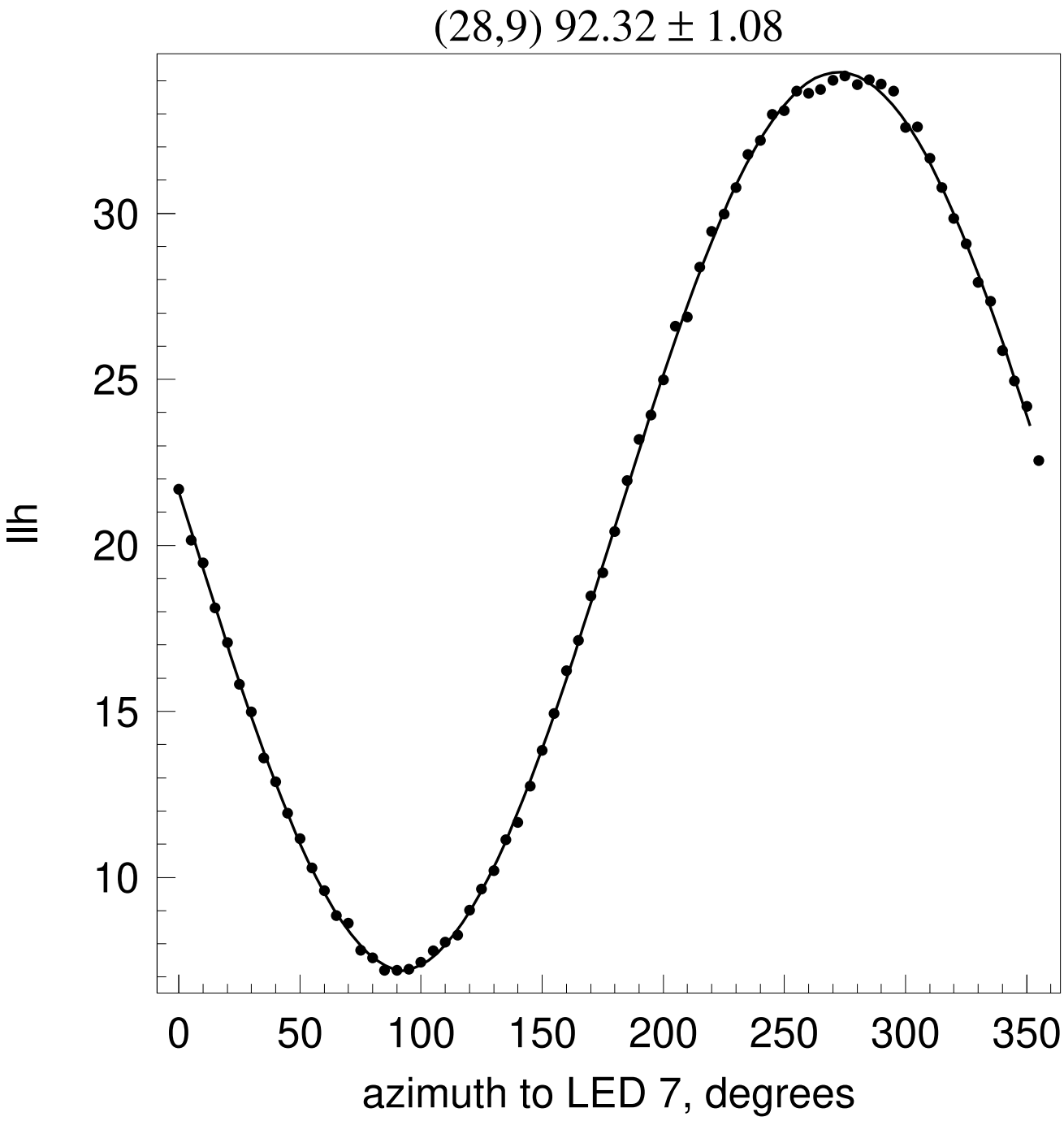

(28,4) 49.13 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

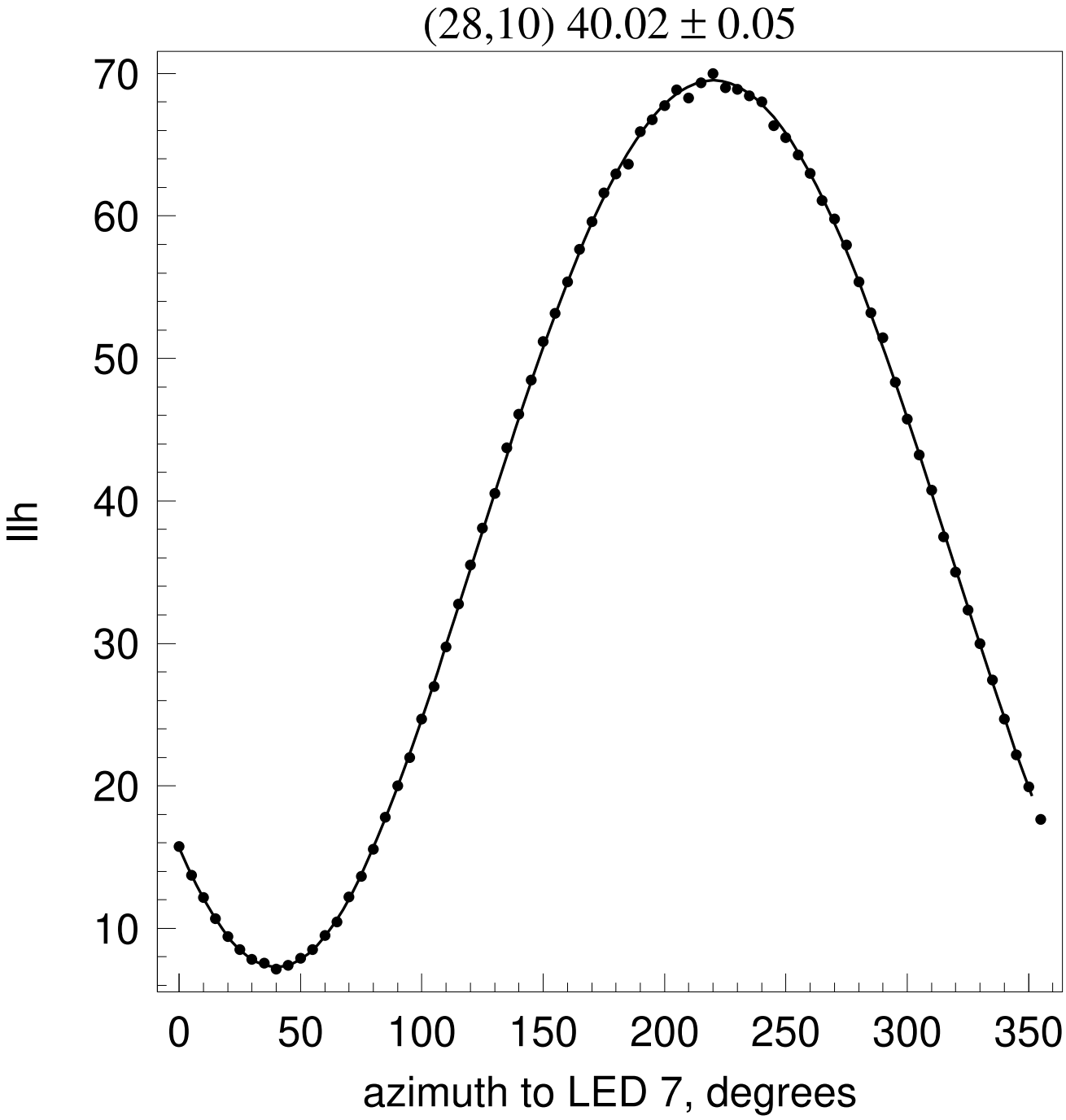

(28,5) 30.68 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

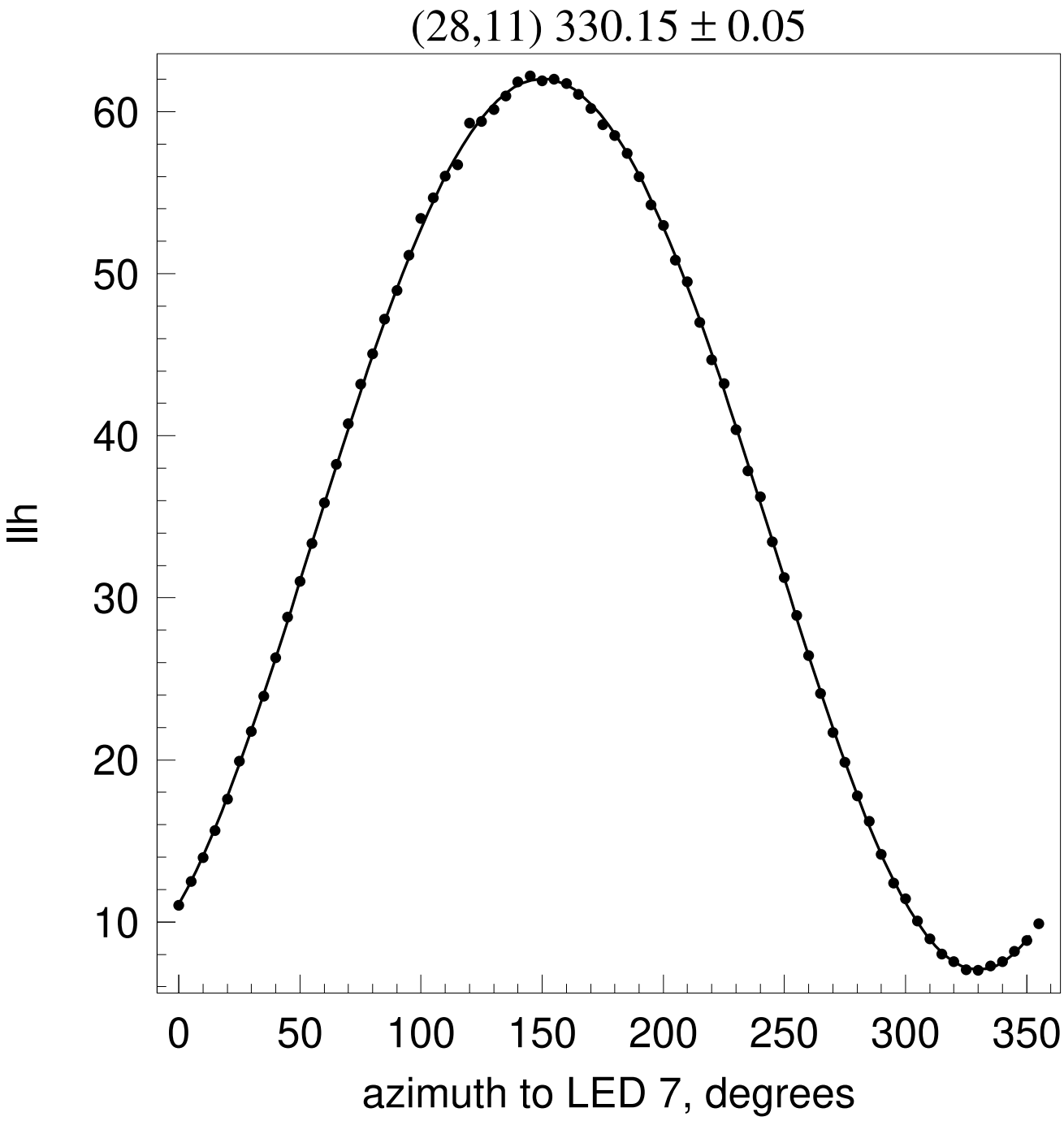

(28,6) 113.06 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

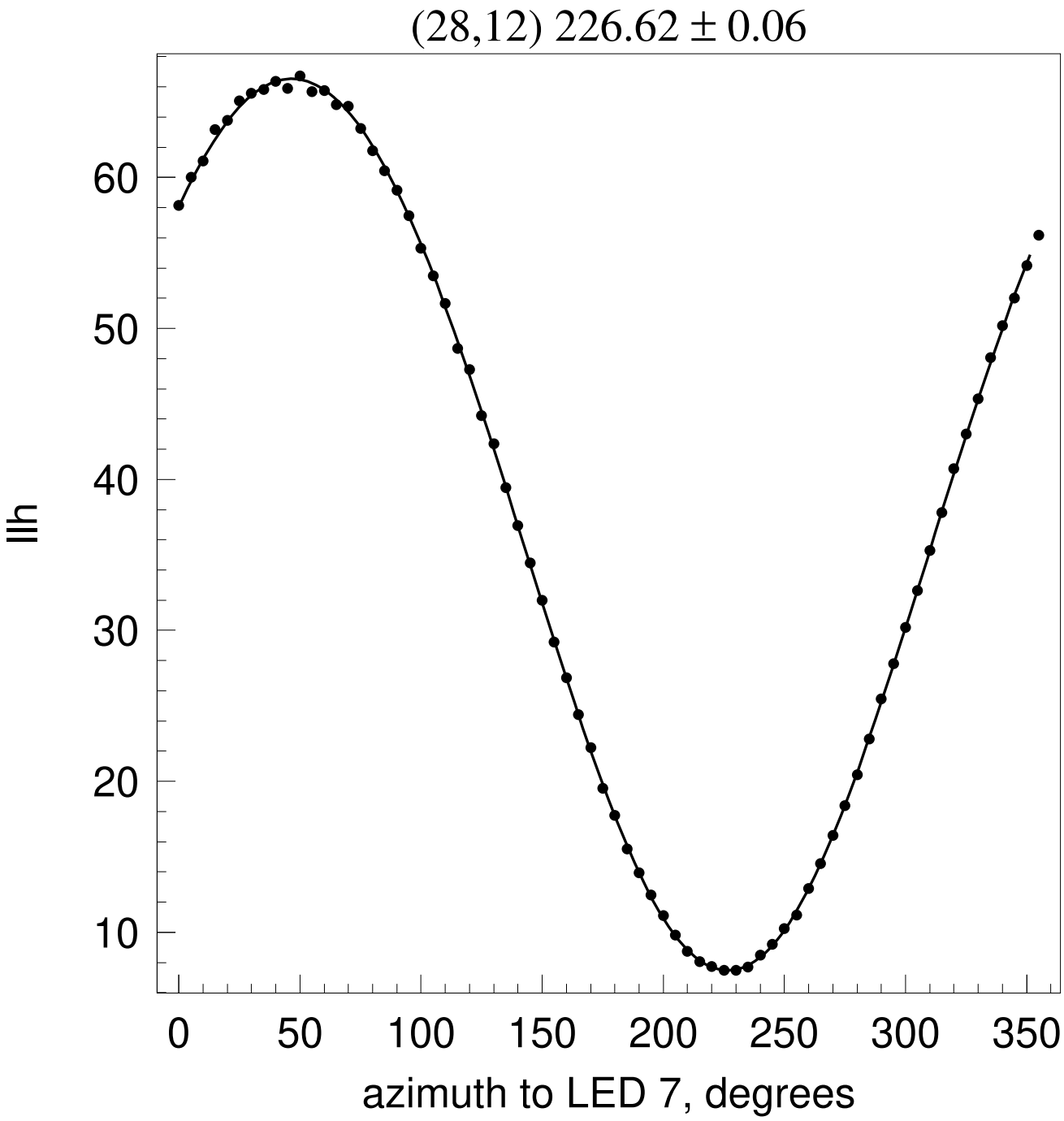

(28,7) 289.65 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

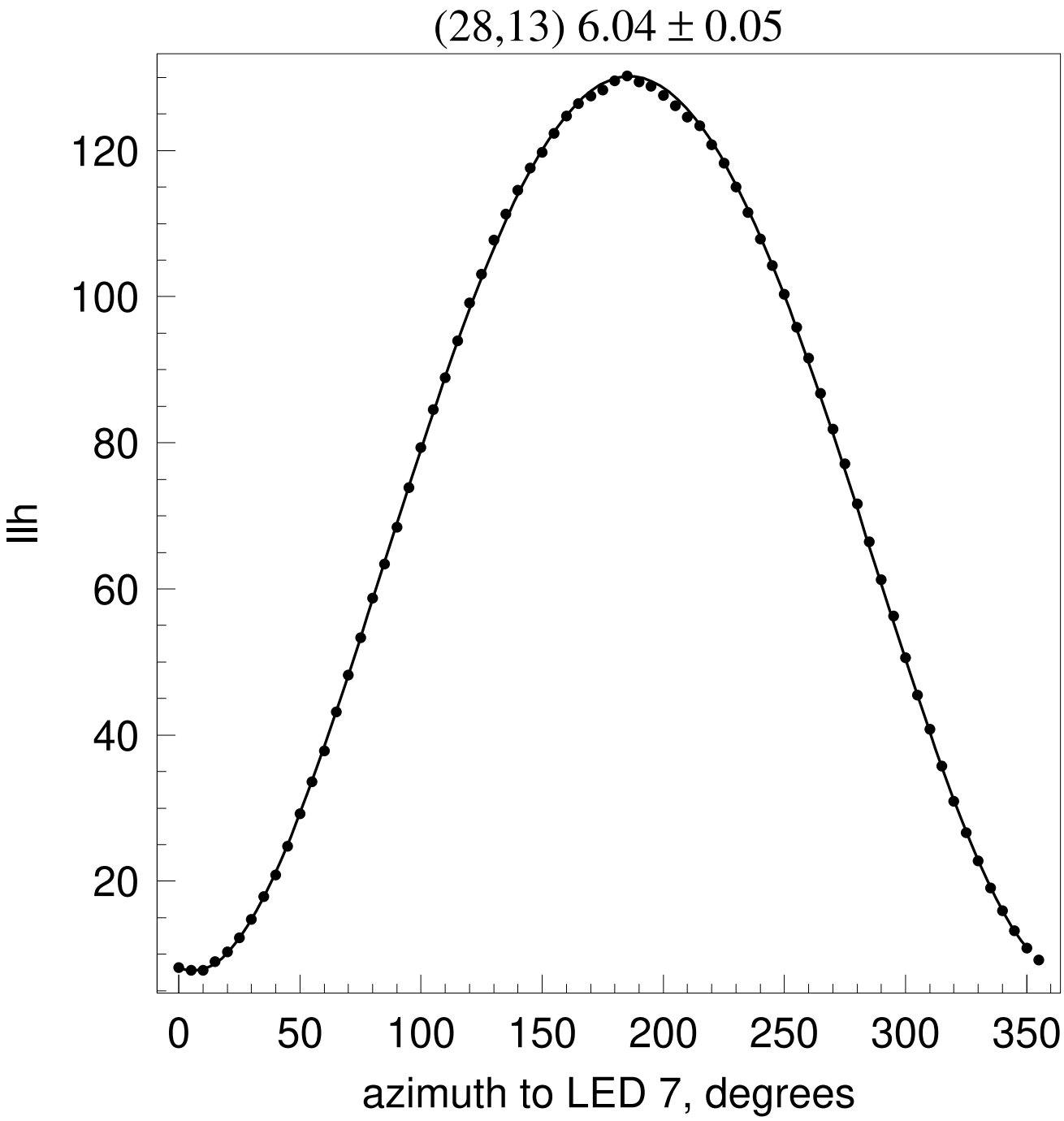

(28,8) 298.93 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

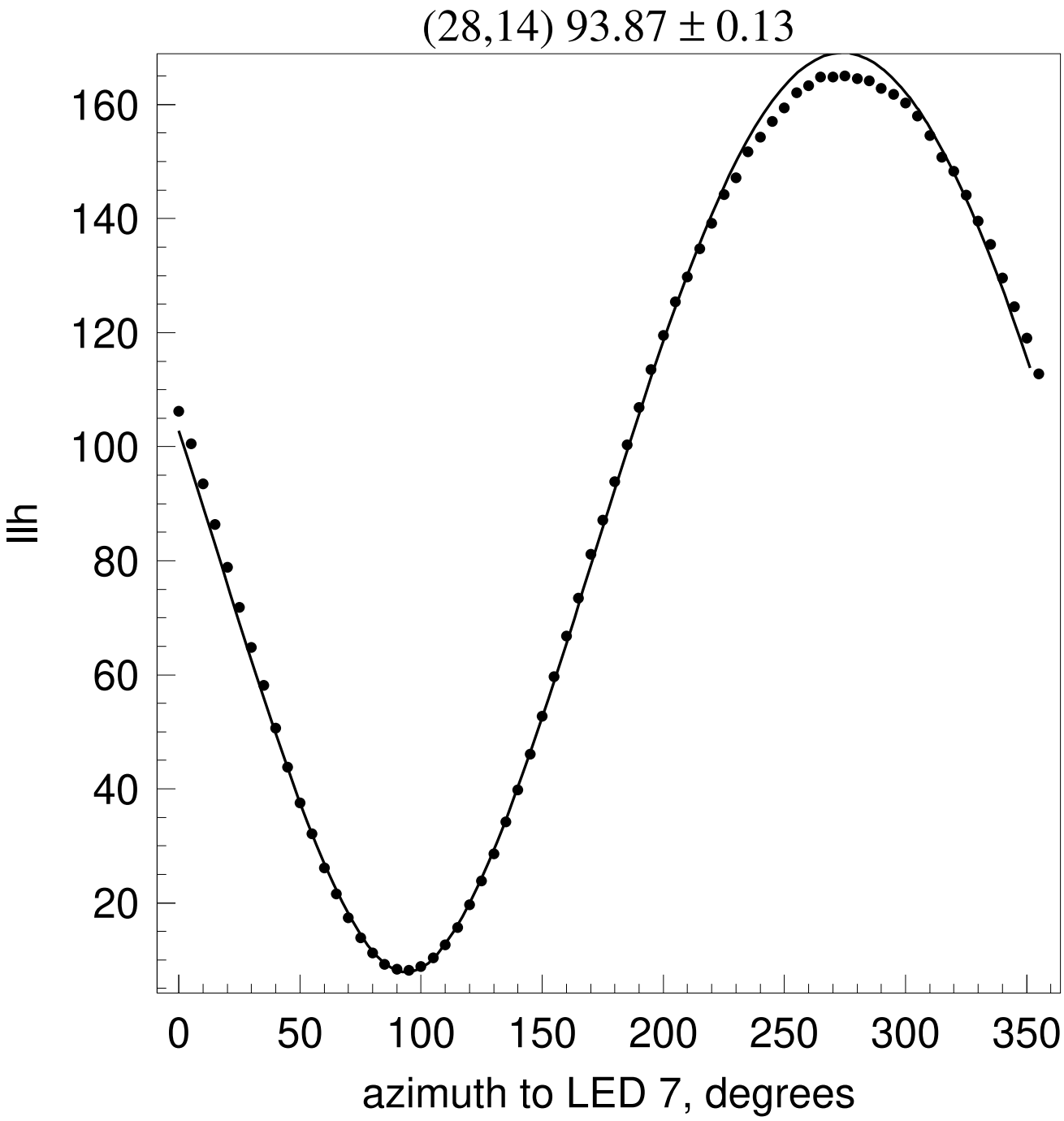

(28,9) 92.32 ± 1.08
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

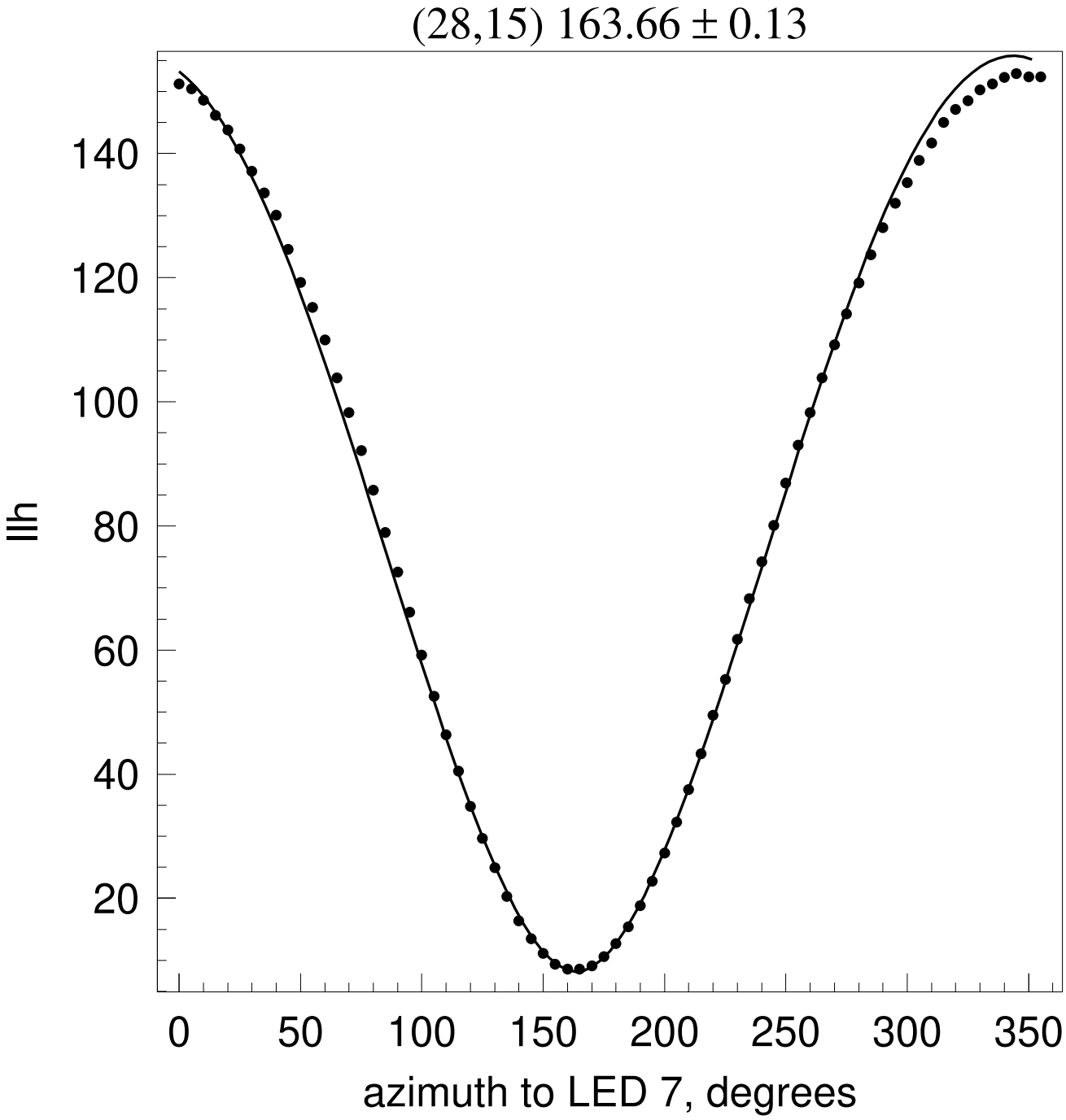

(28,10) 40.02 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

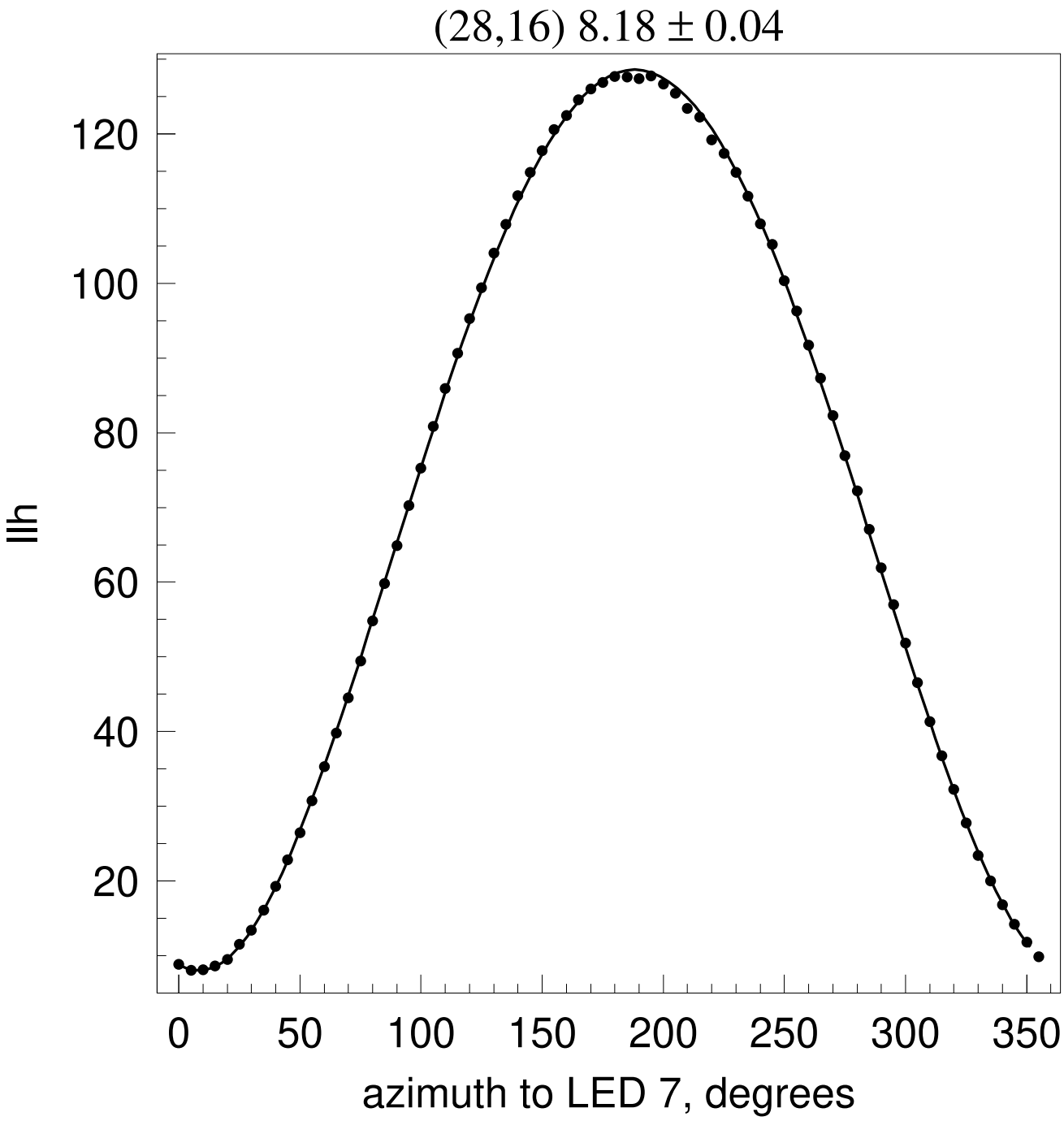

(28,11) 330.15 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

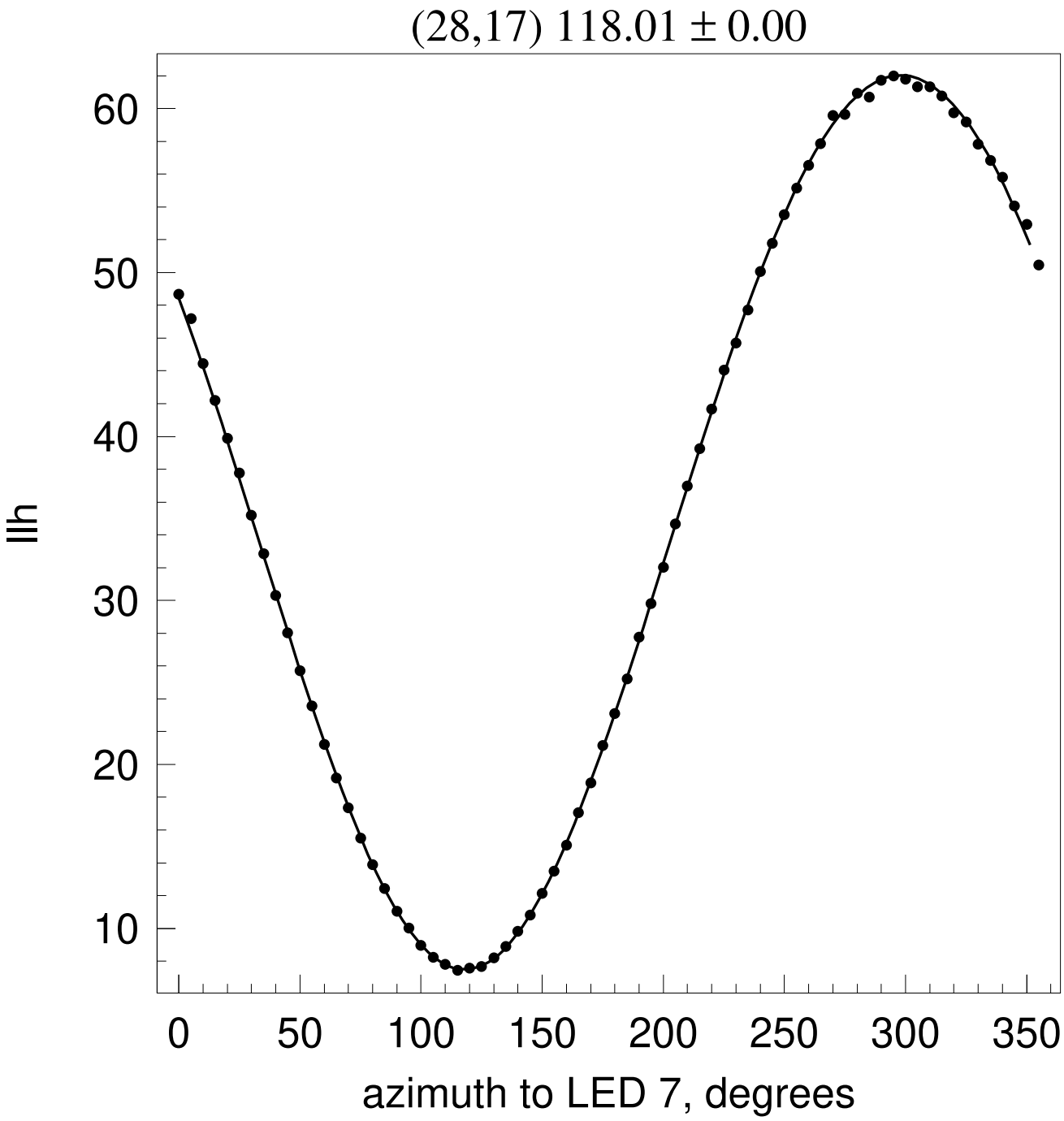

(28,12) 226.62 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

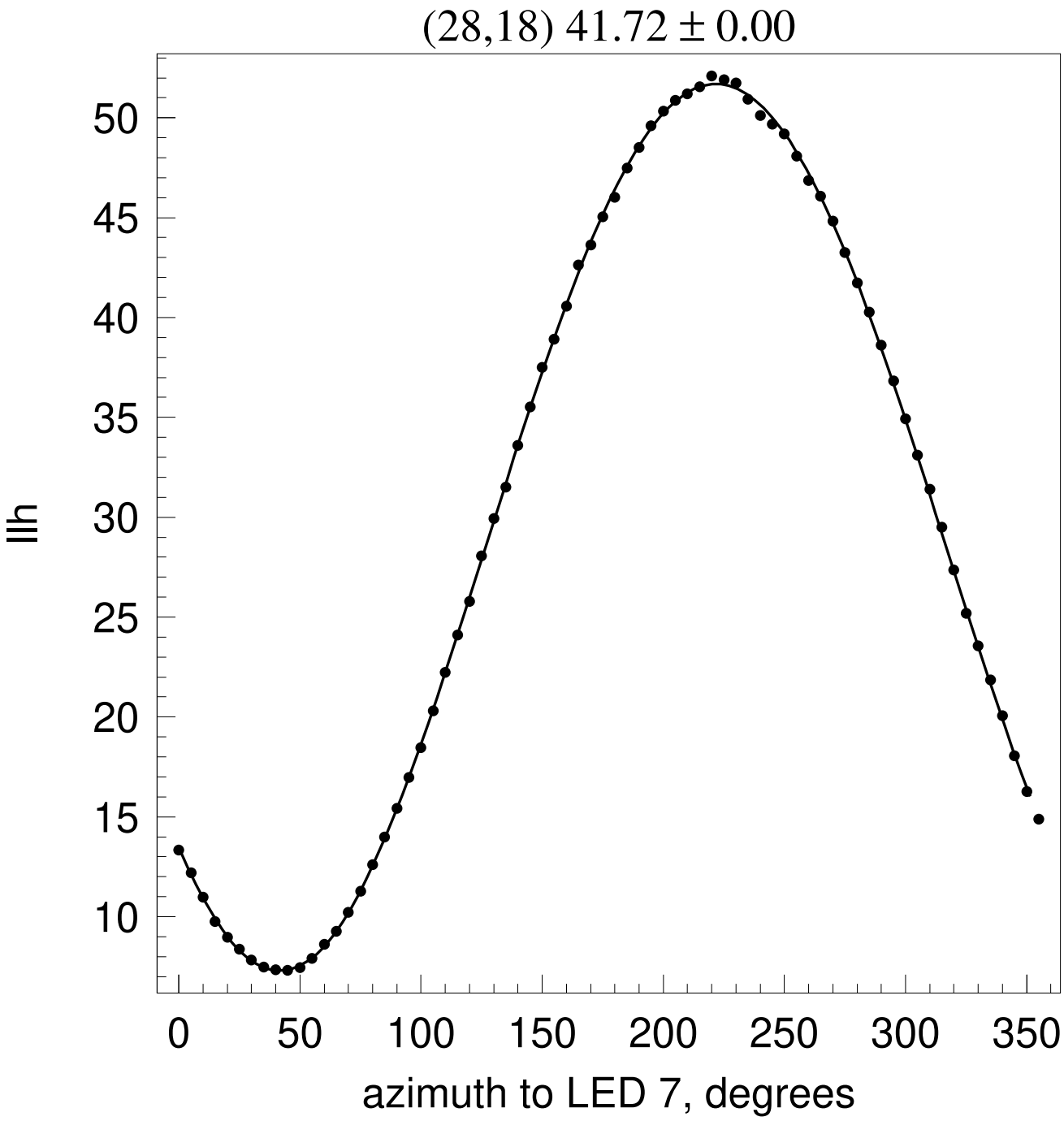

(28,13) 6.04 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

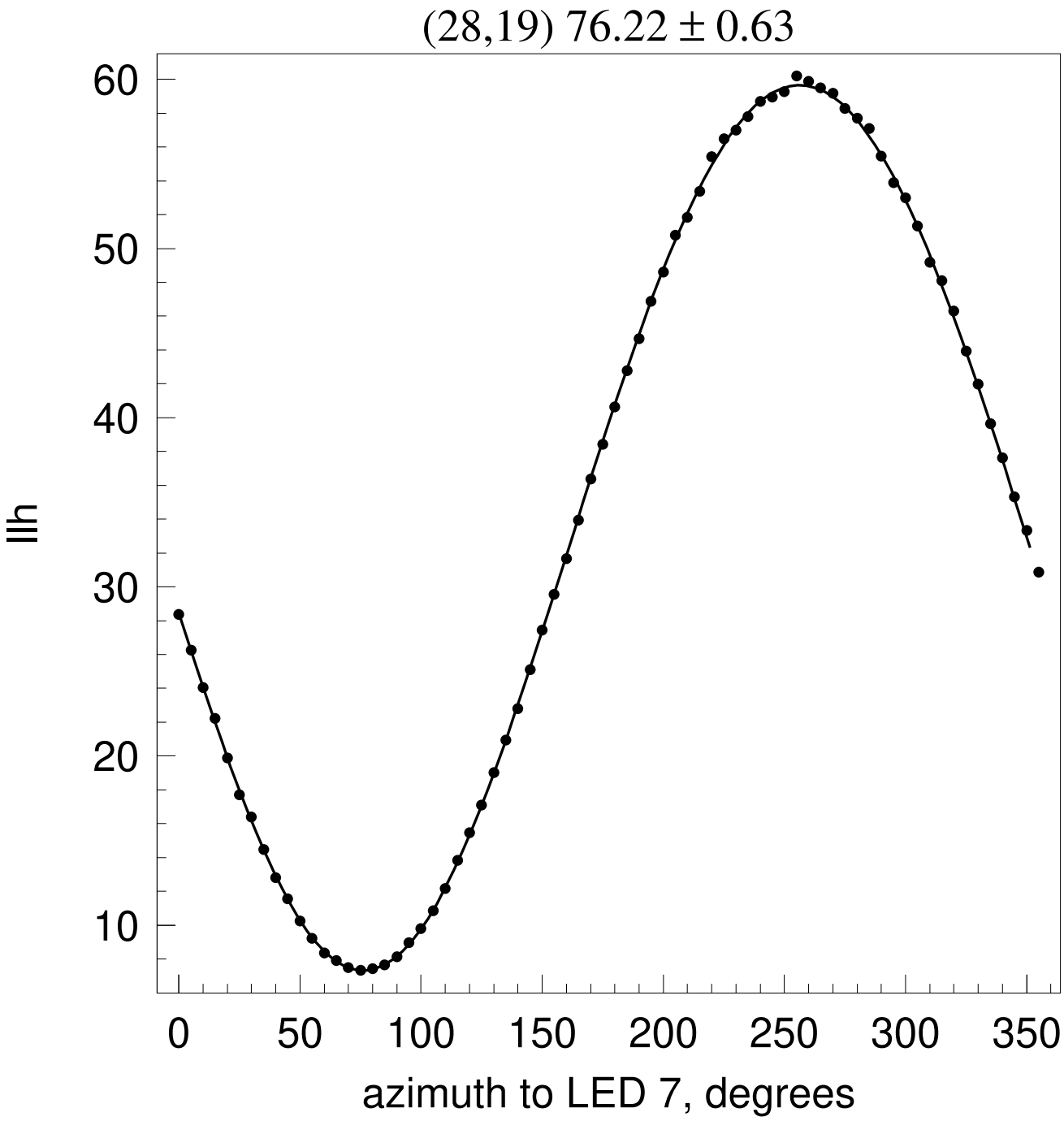

(28,14) 93.87 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

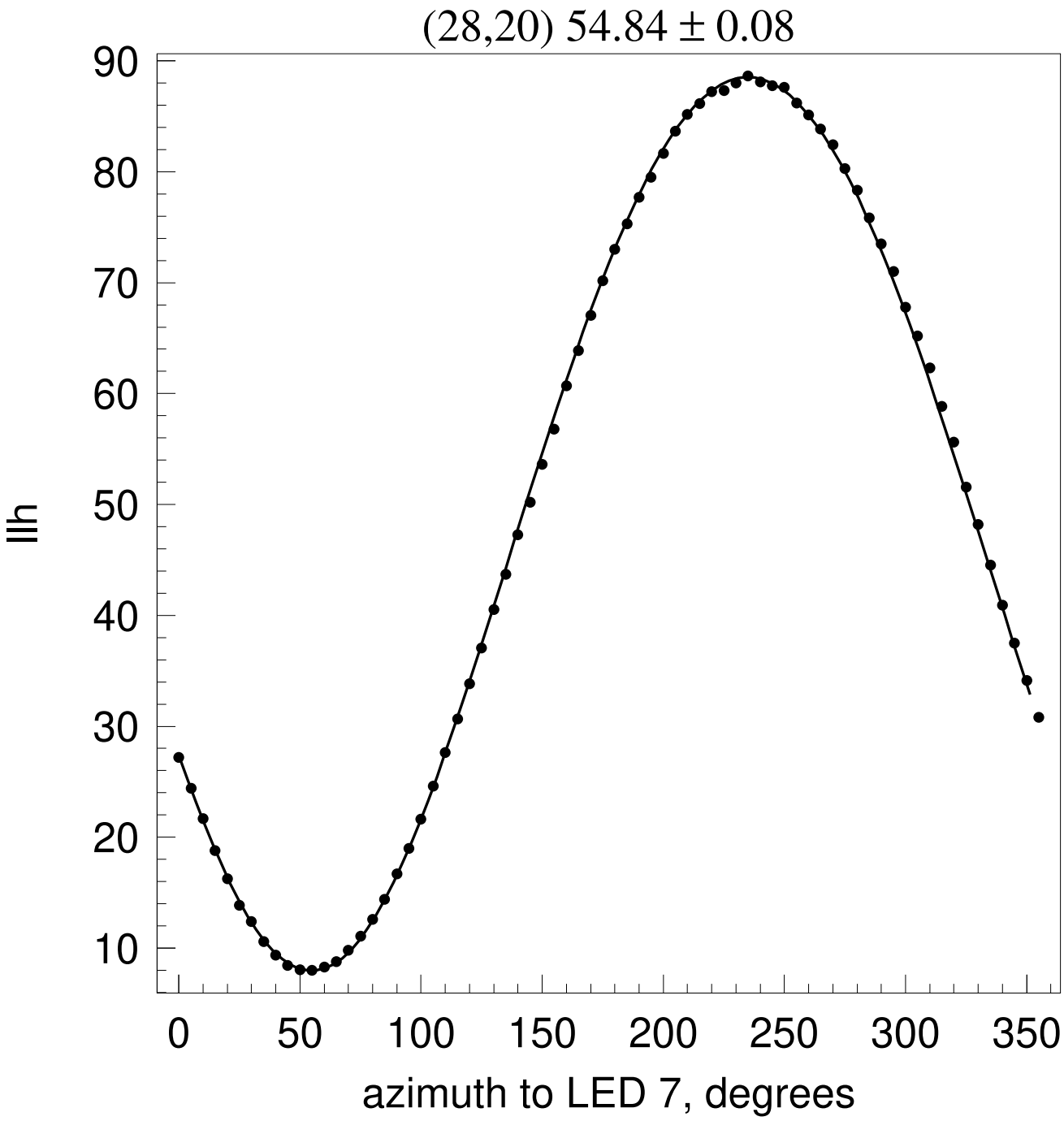

(28,15) 163.66 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

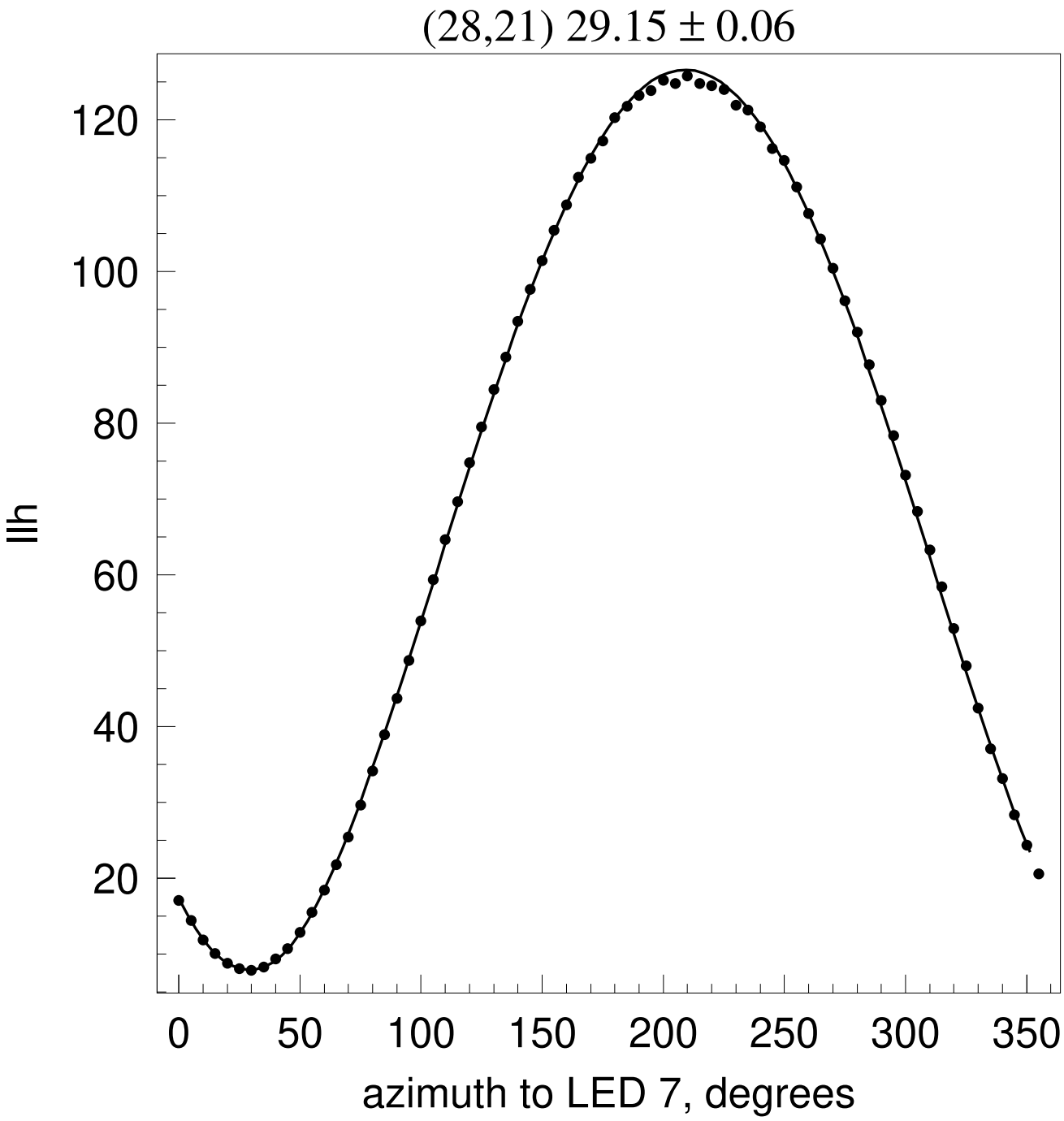

(28,16) 8.18 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

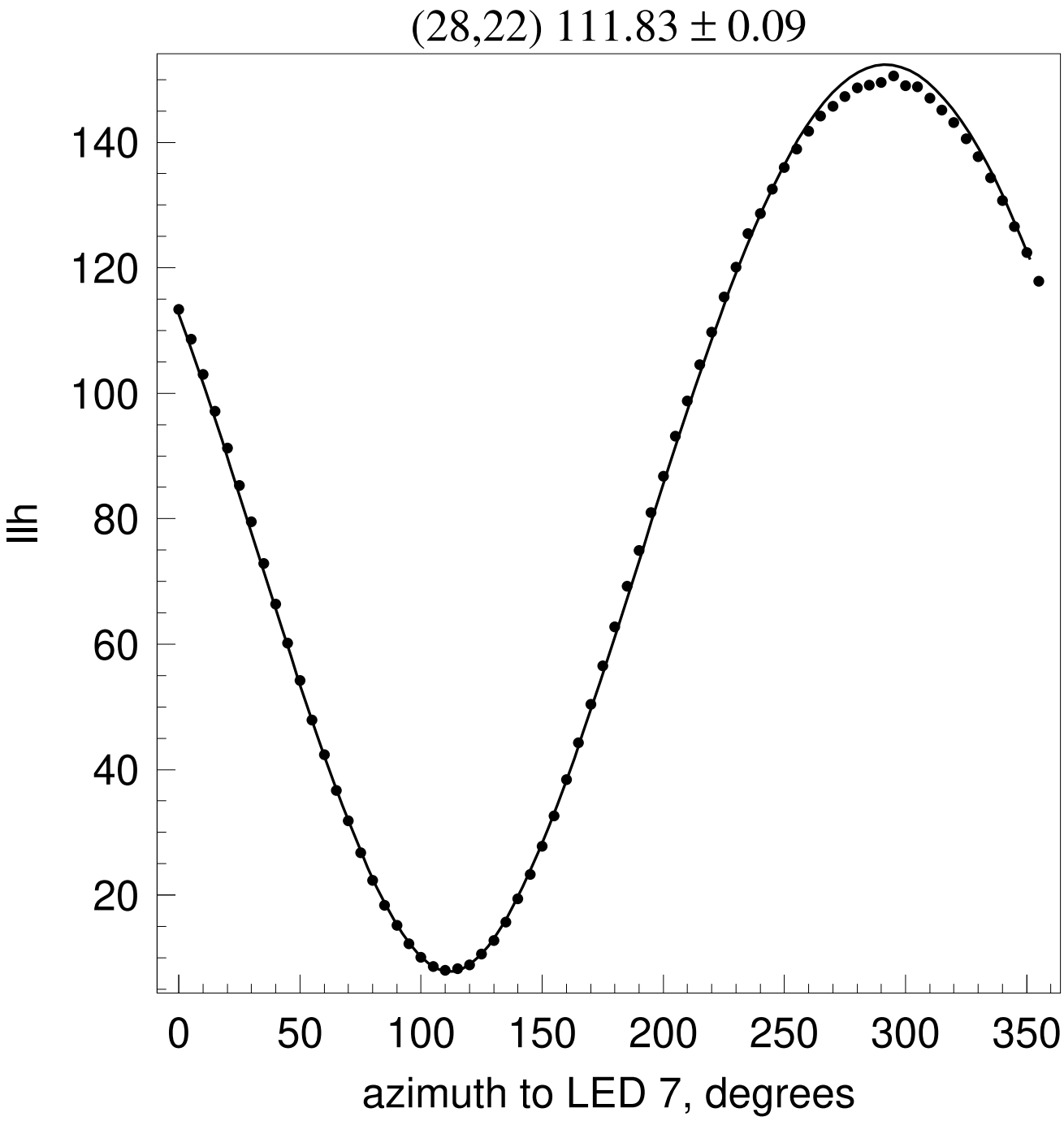

(28,17) 118.01 ± 0.00
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

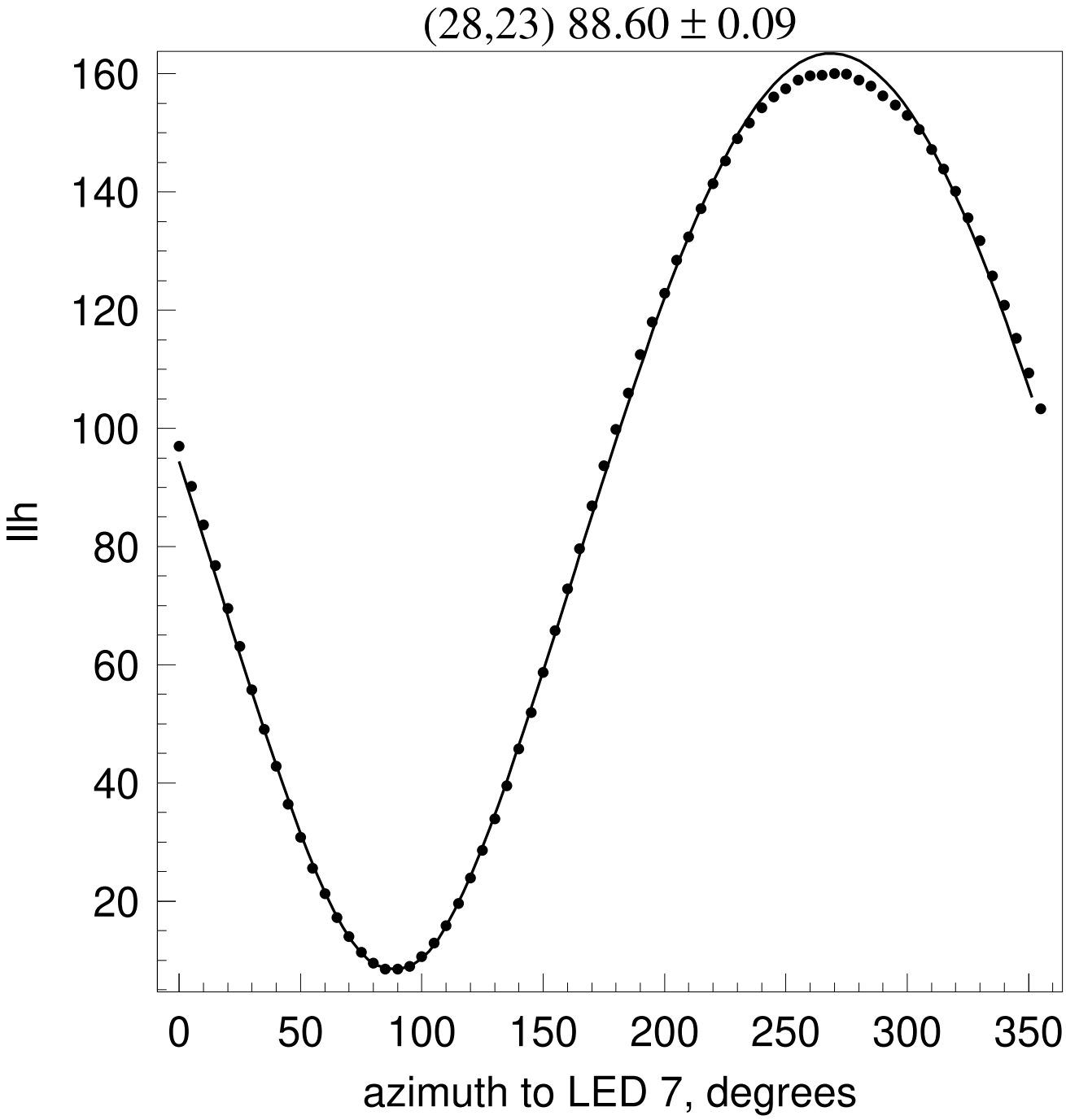

(28,18) 41.72 ± 0.00
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

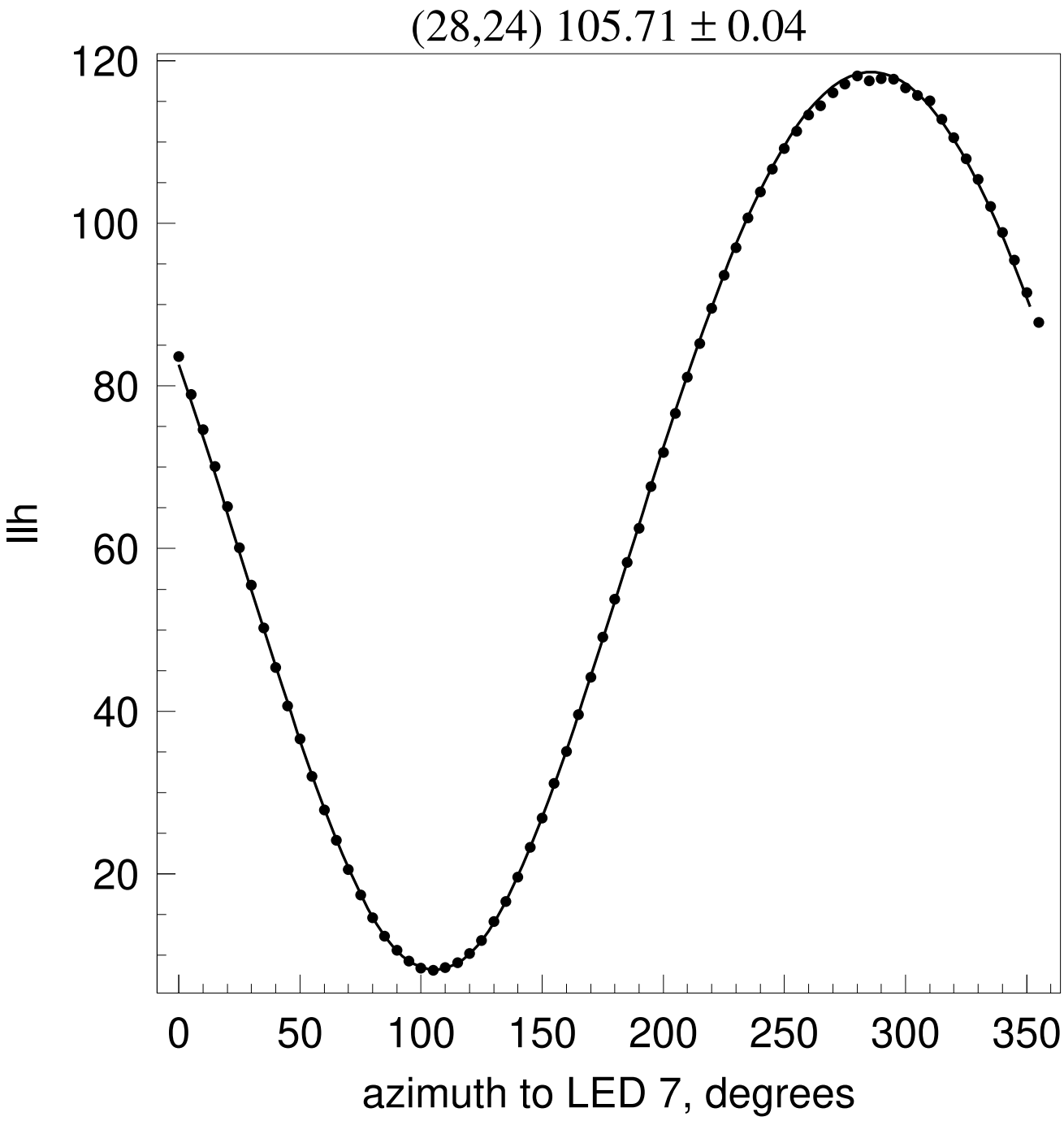

(28,19) 76.22 ± 0.63
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

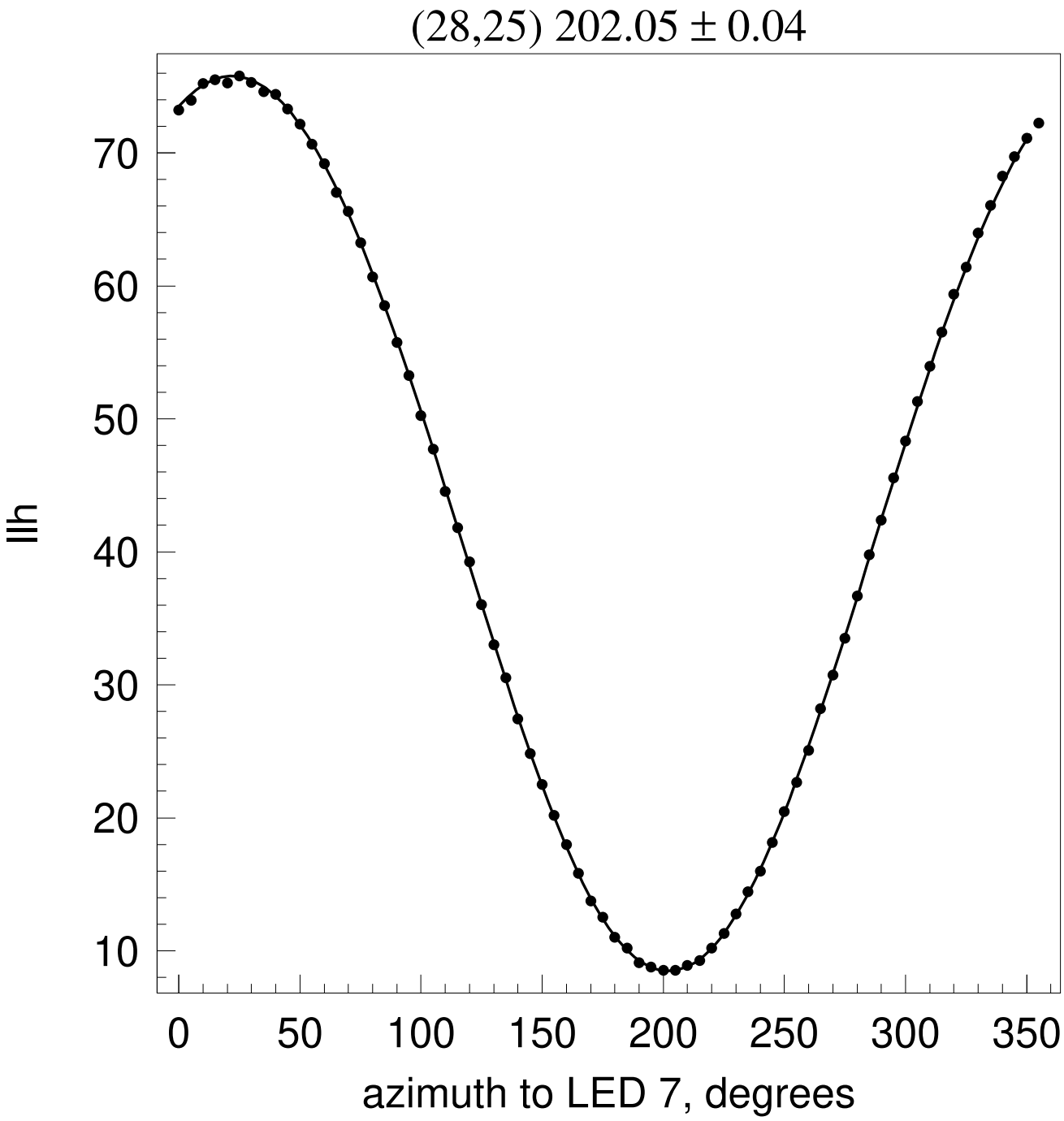

(28,20) 54.84 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

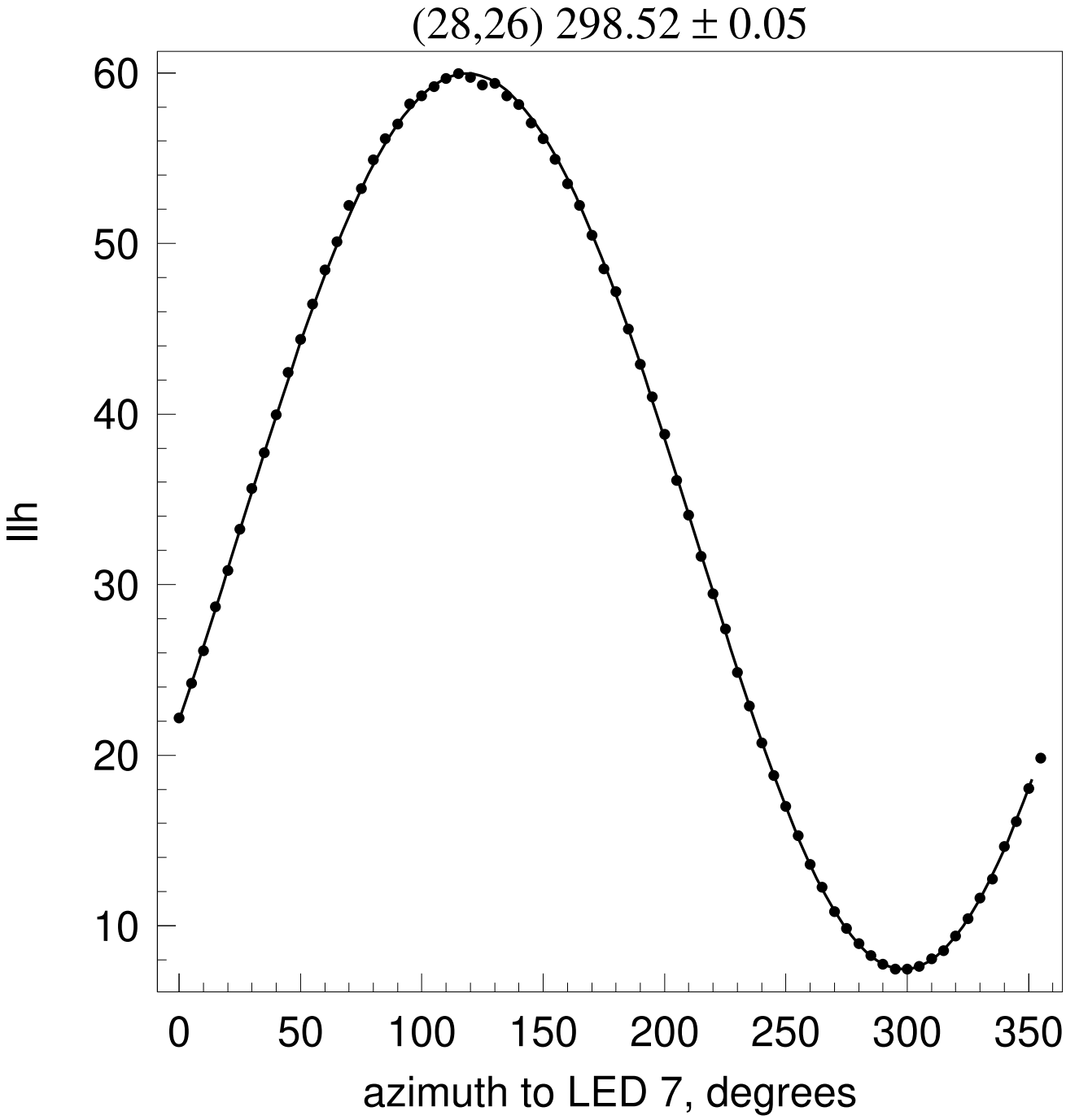

(28,21) 29.15 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

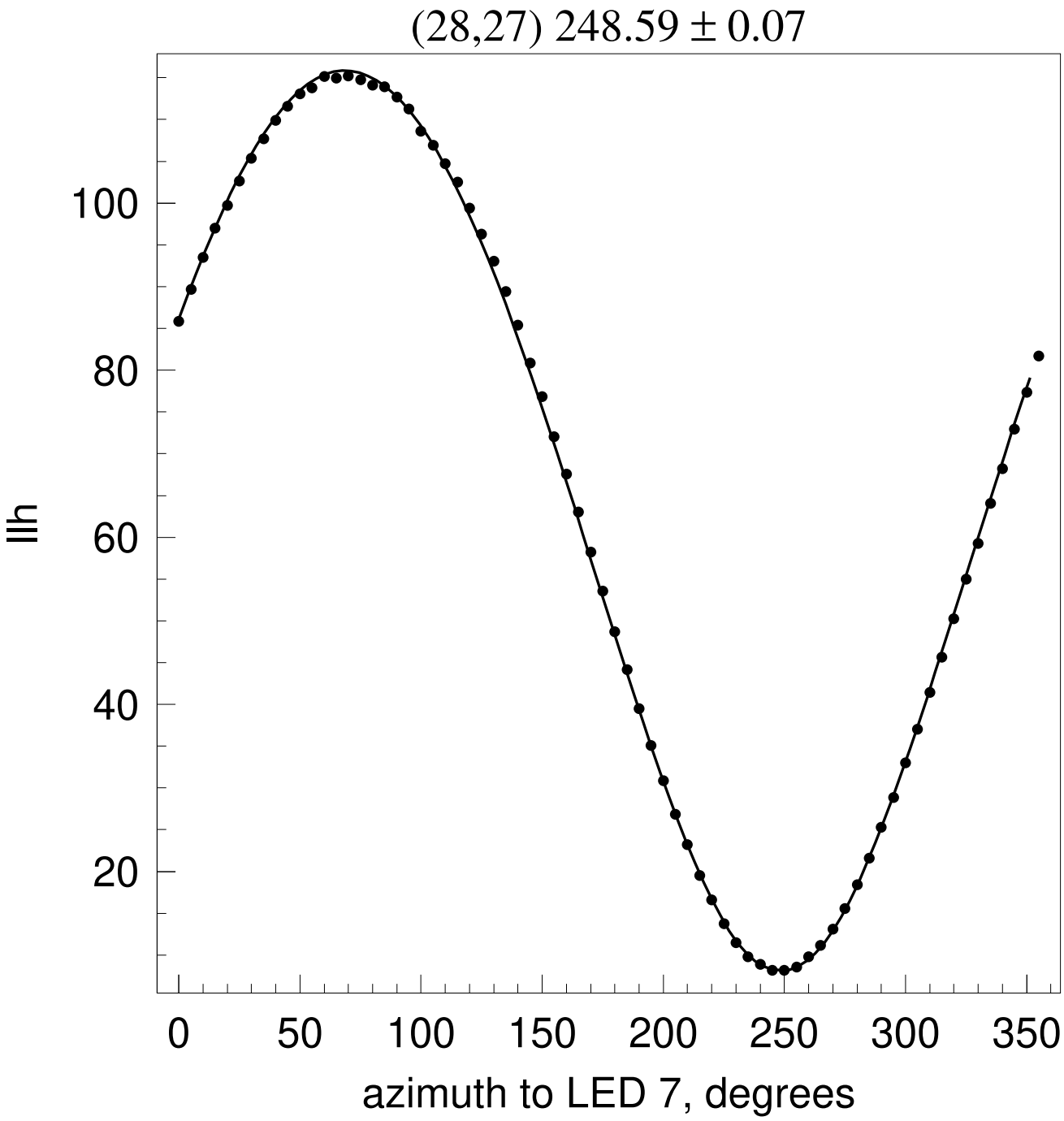

(28,22) 111.83 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

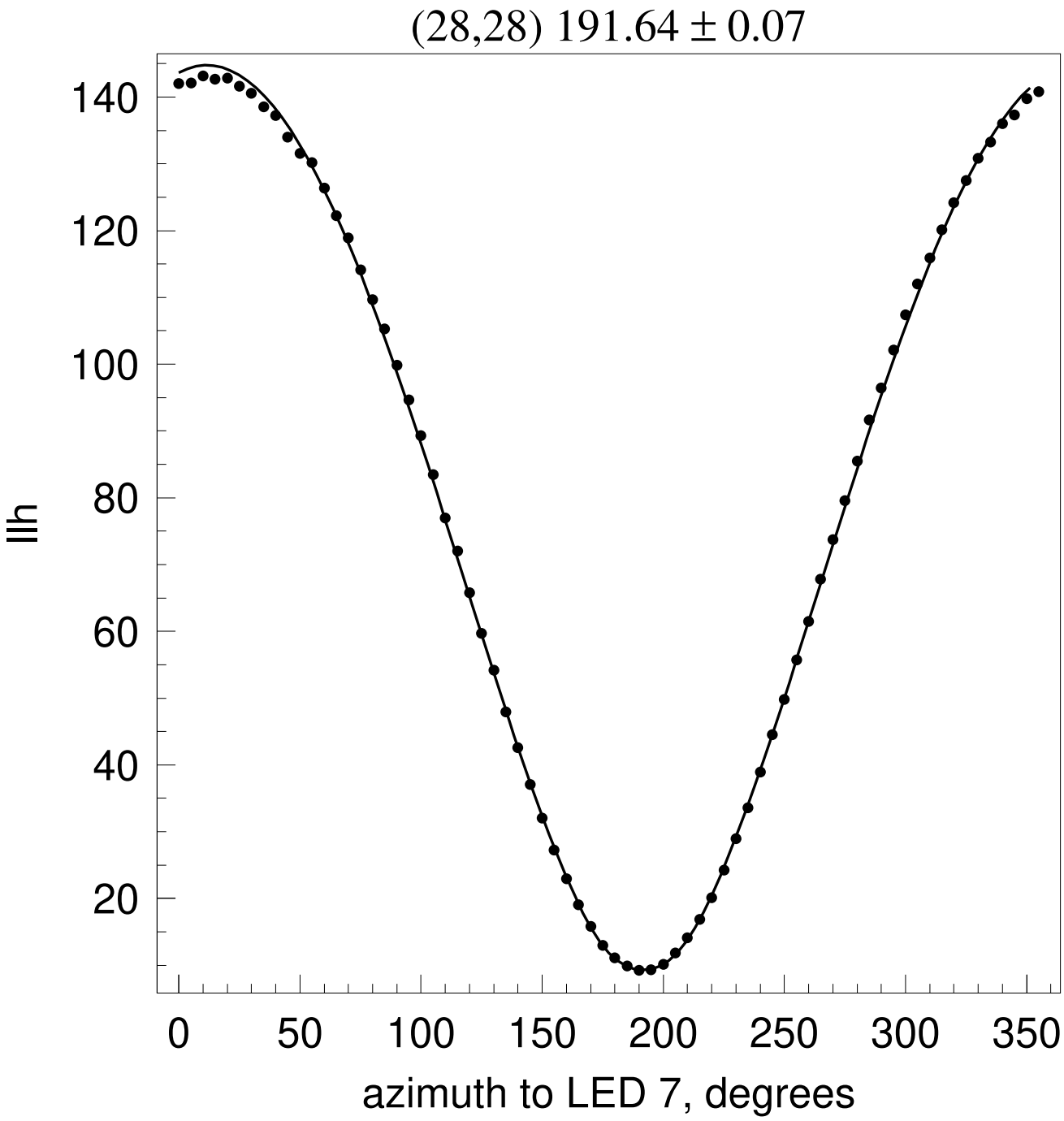

(28,23) 88.60 ± 0.09
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

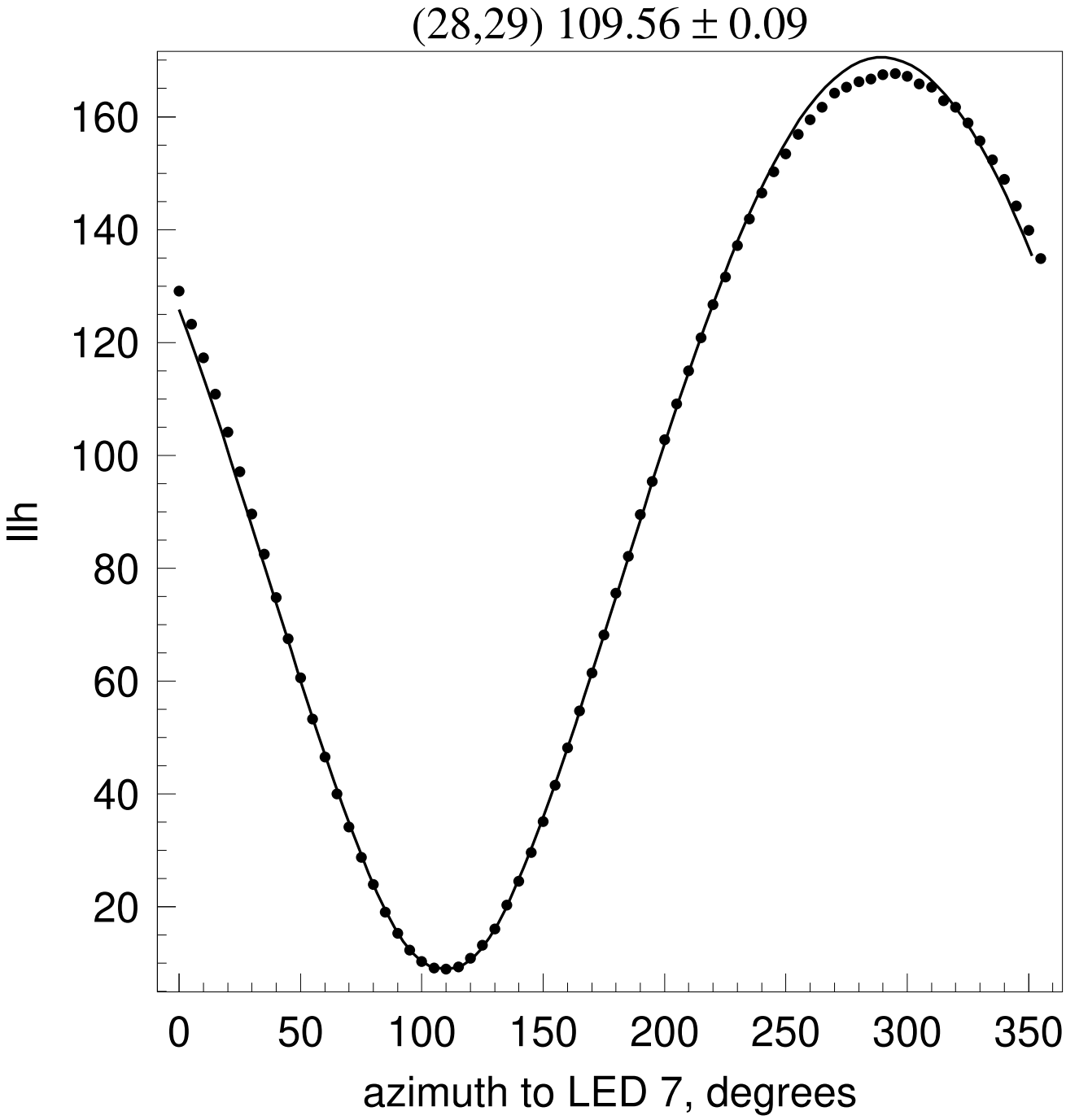

(28,24) 105.71 ± 0.04
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

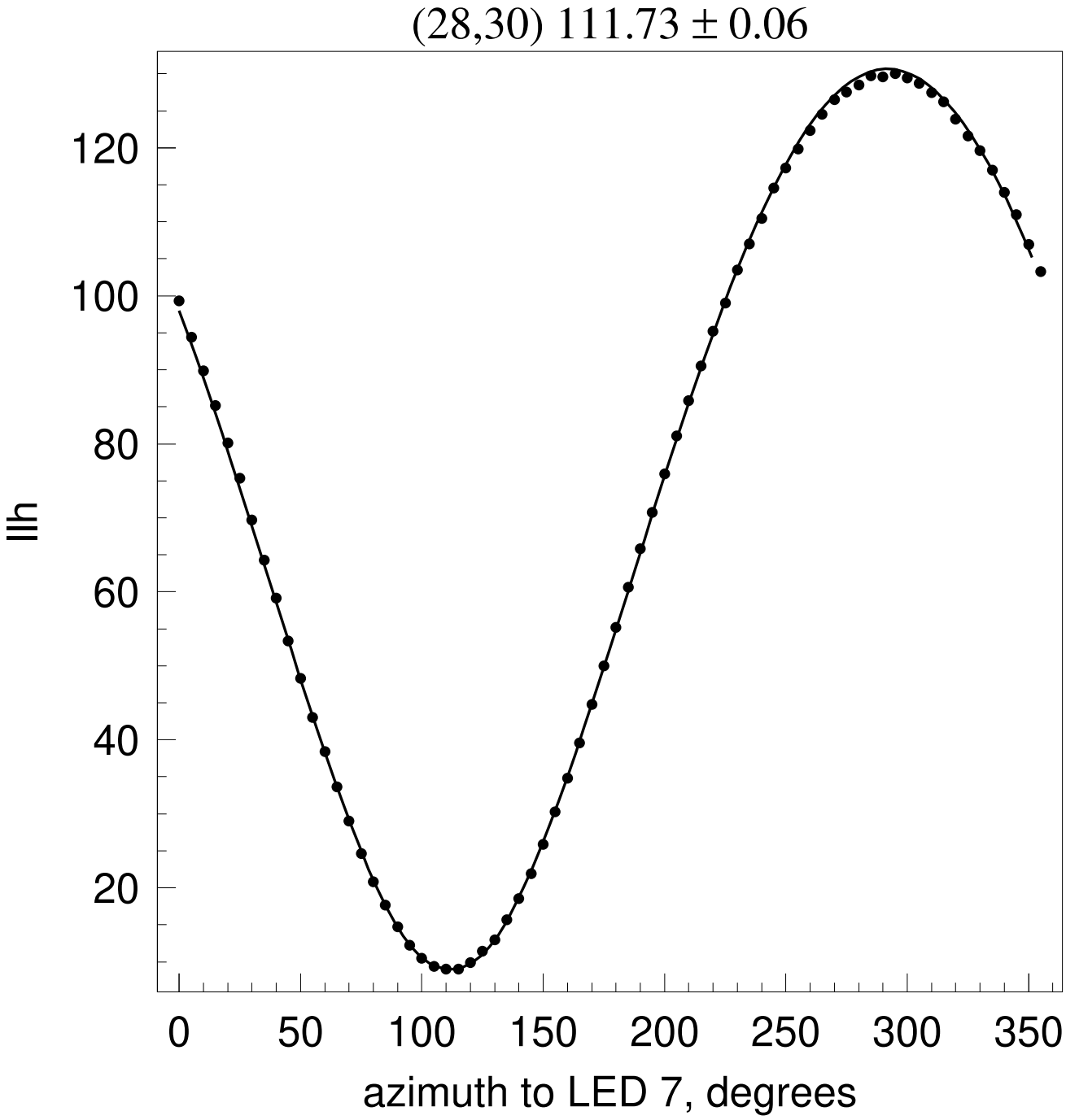

(28,25) 202.05 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

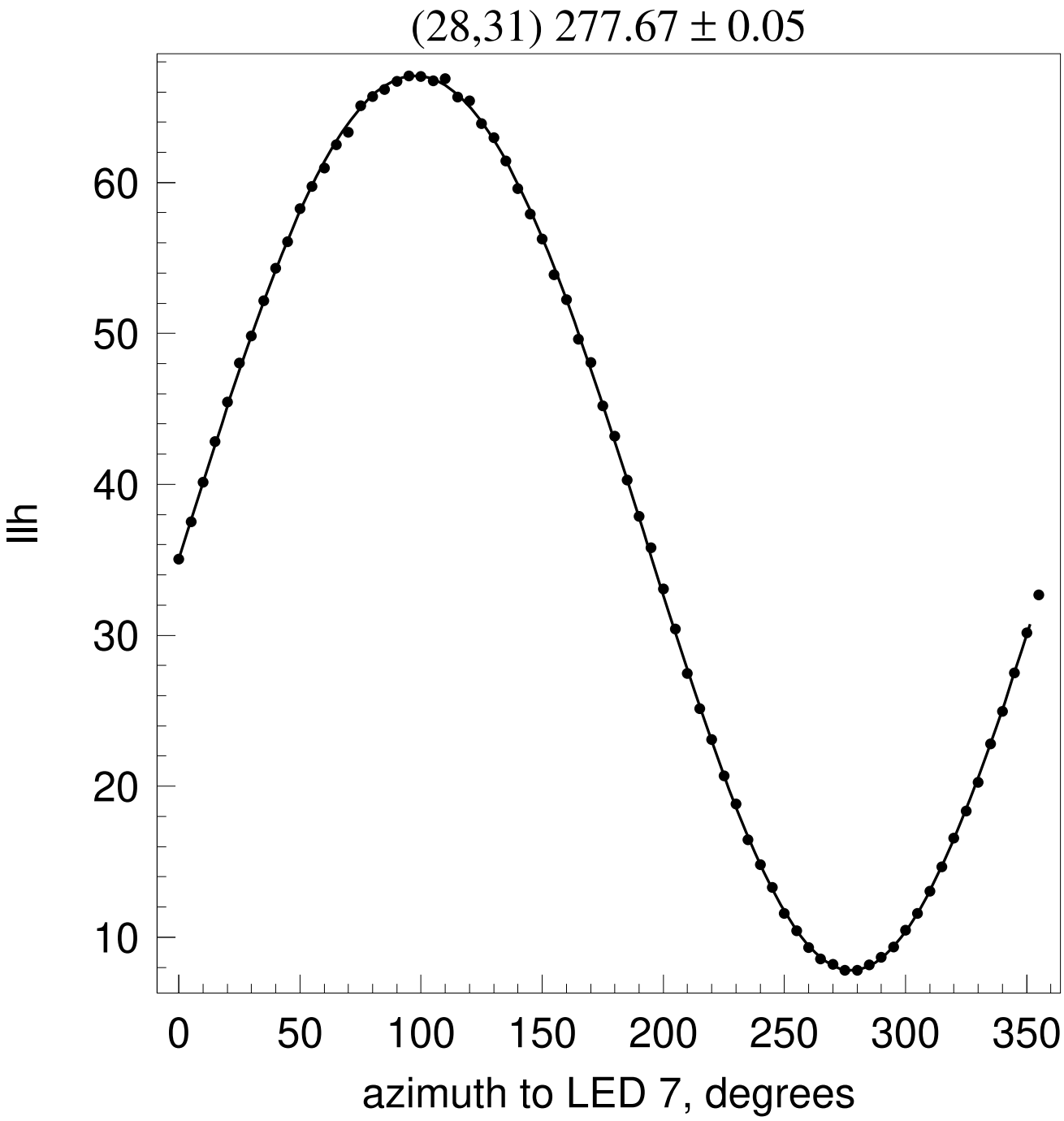

(28,26) 298.52 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

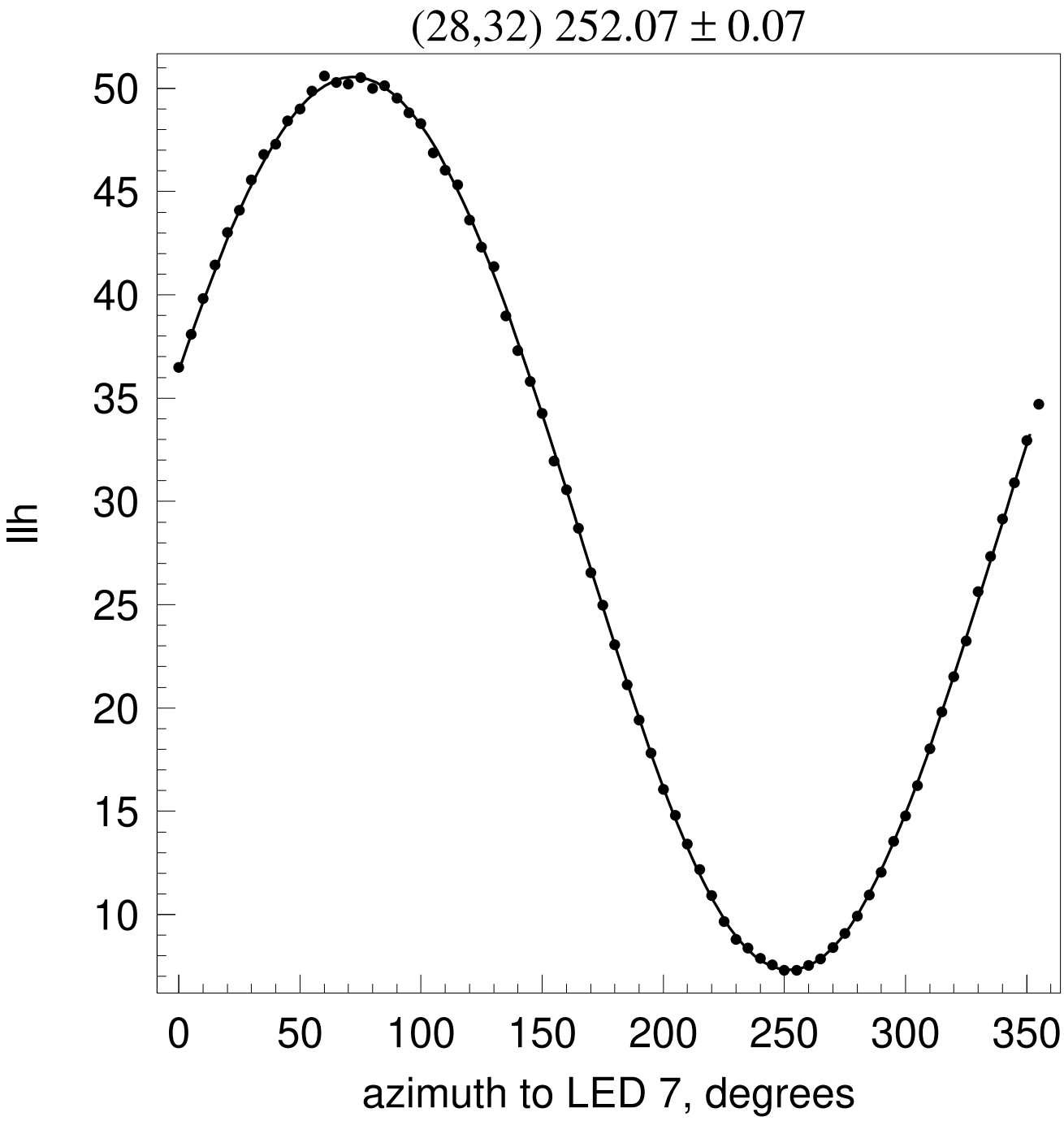

(28,27) 248.59 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

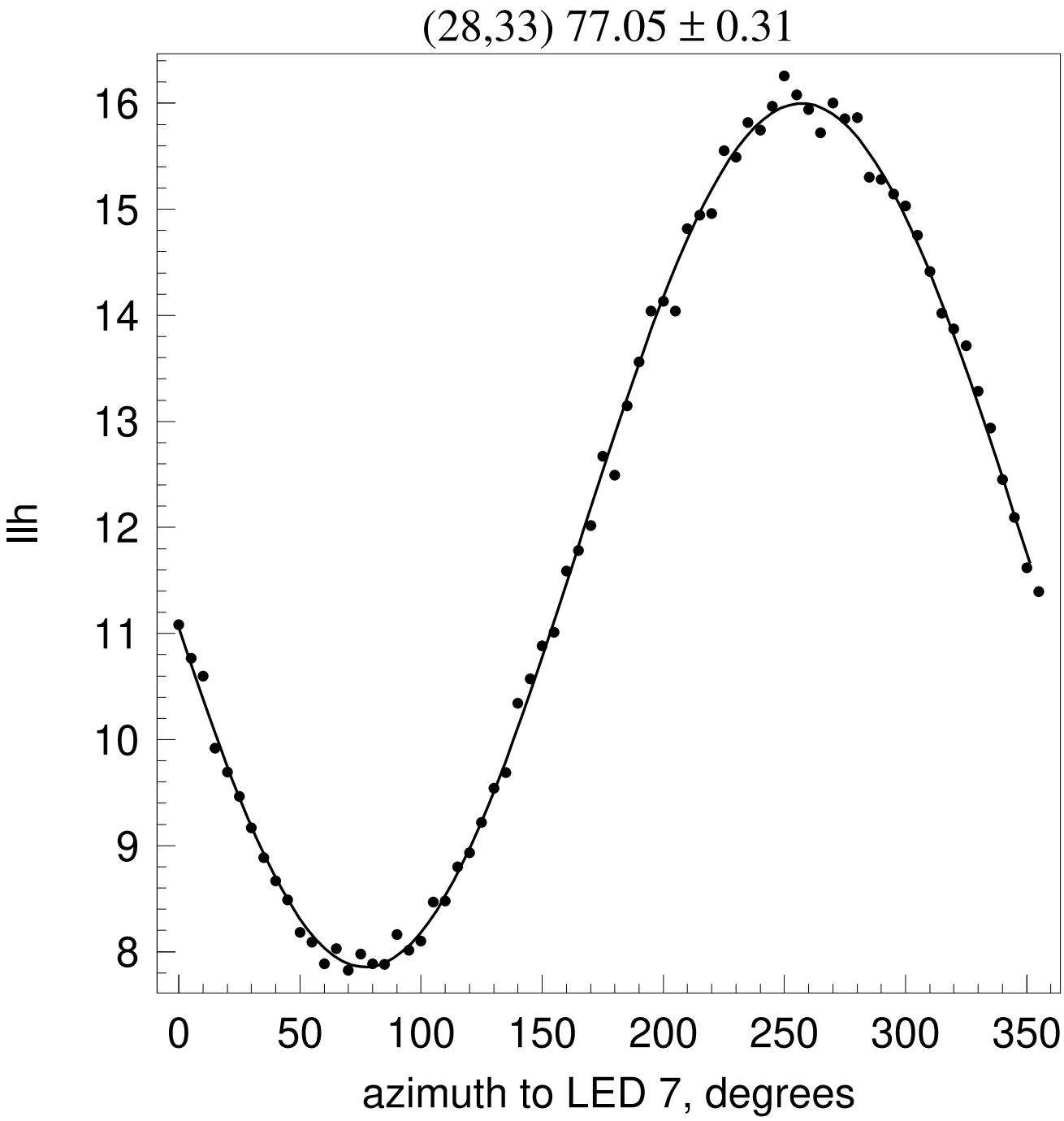

(28,28) 191.64 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

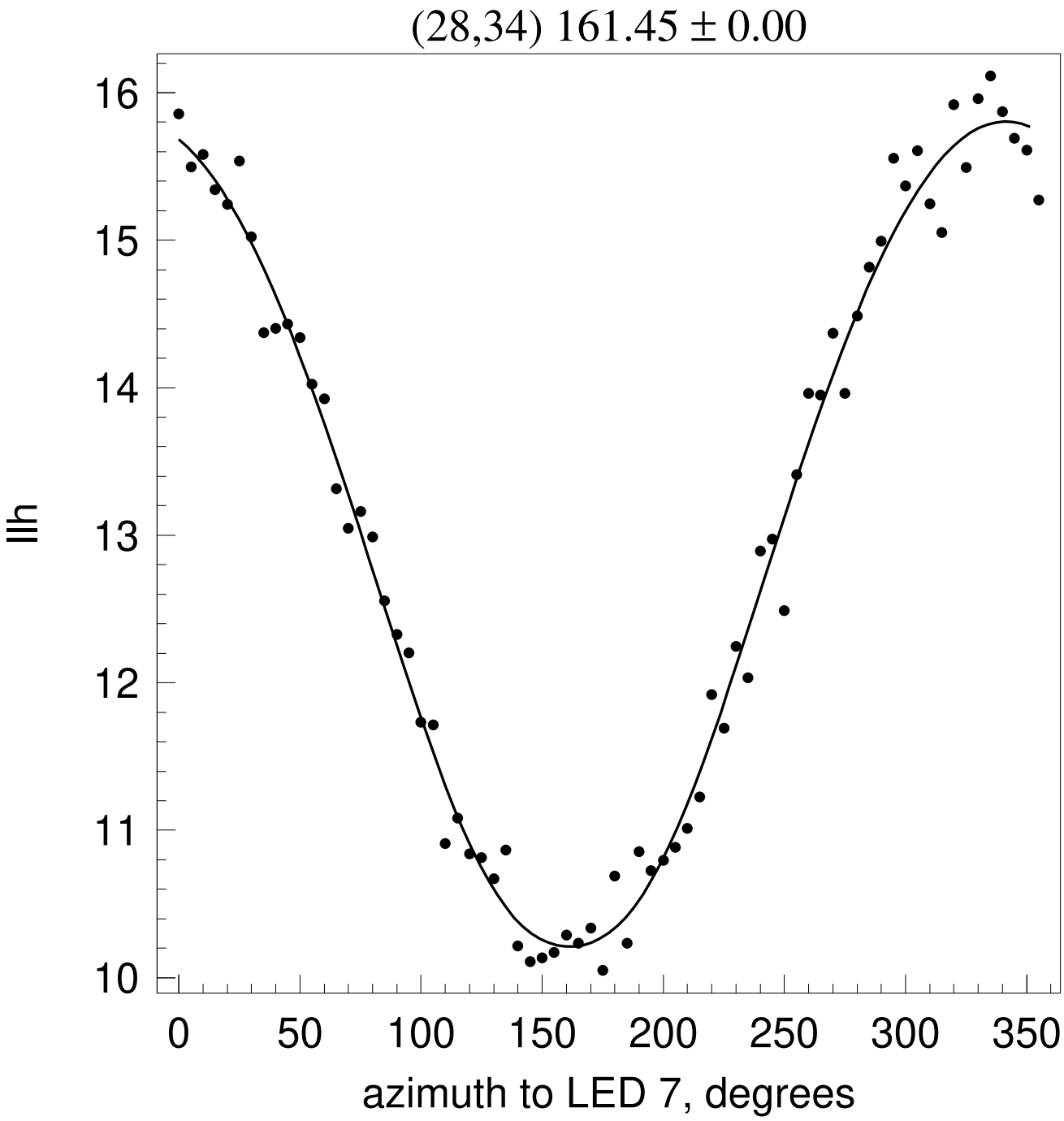

(28,29) 109.56 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

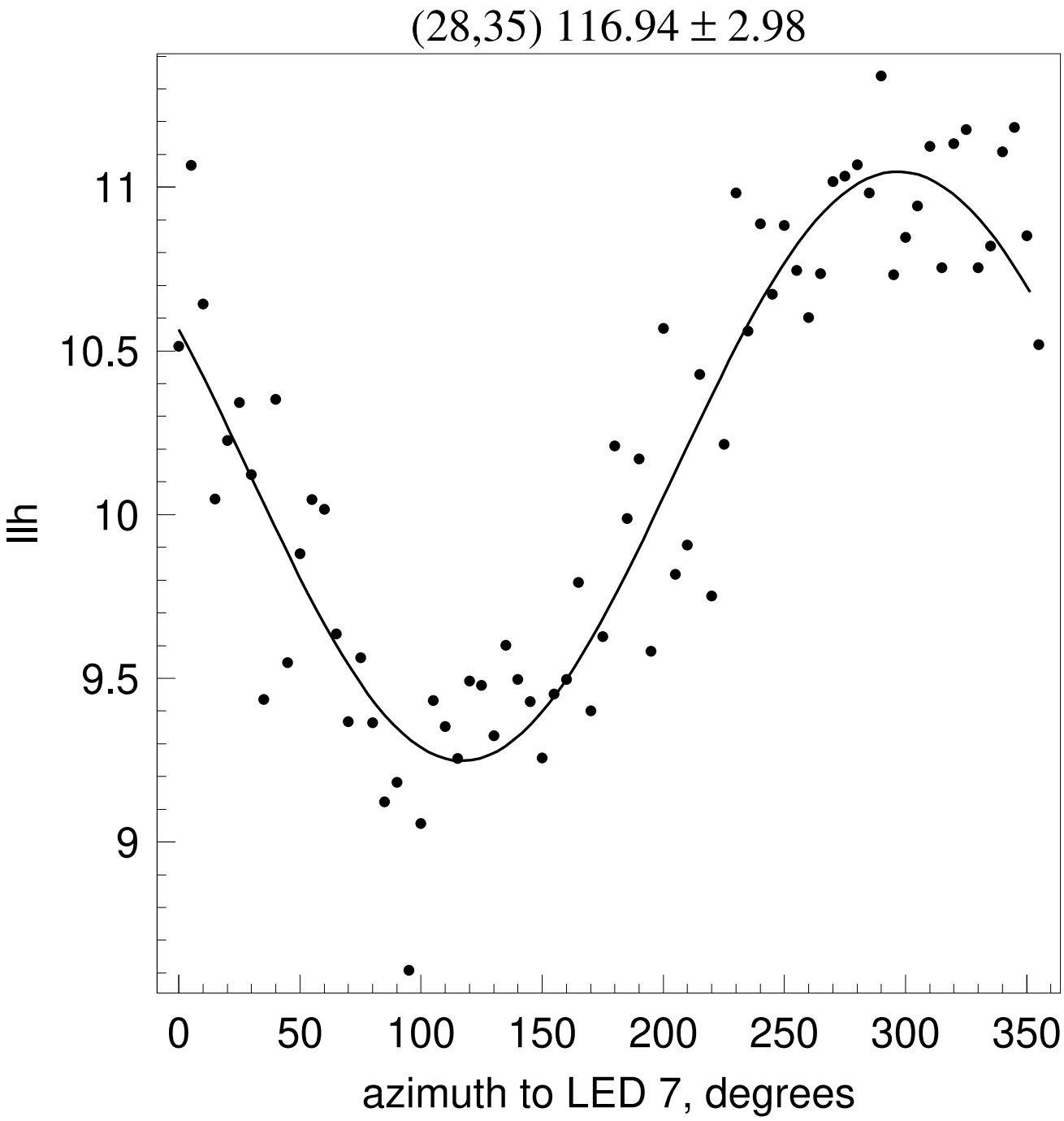

(28,30) 111.73 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

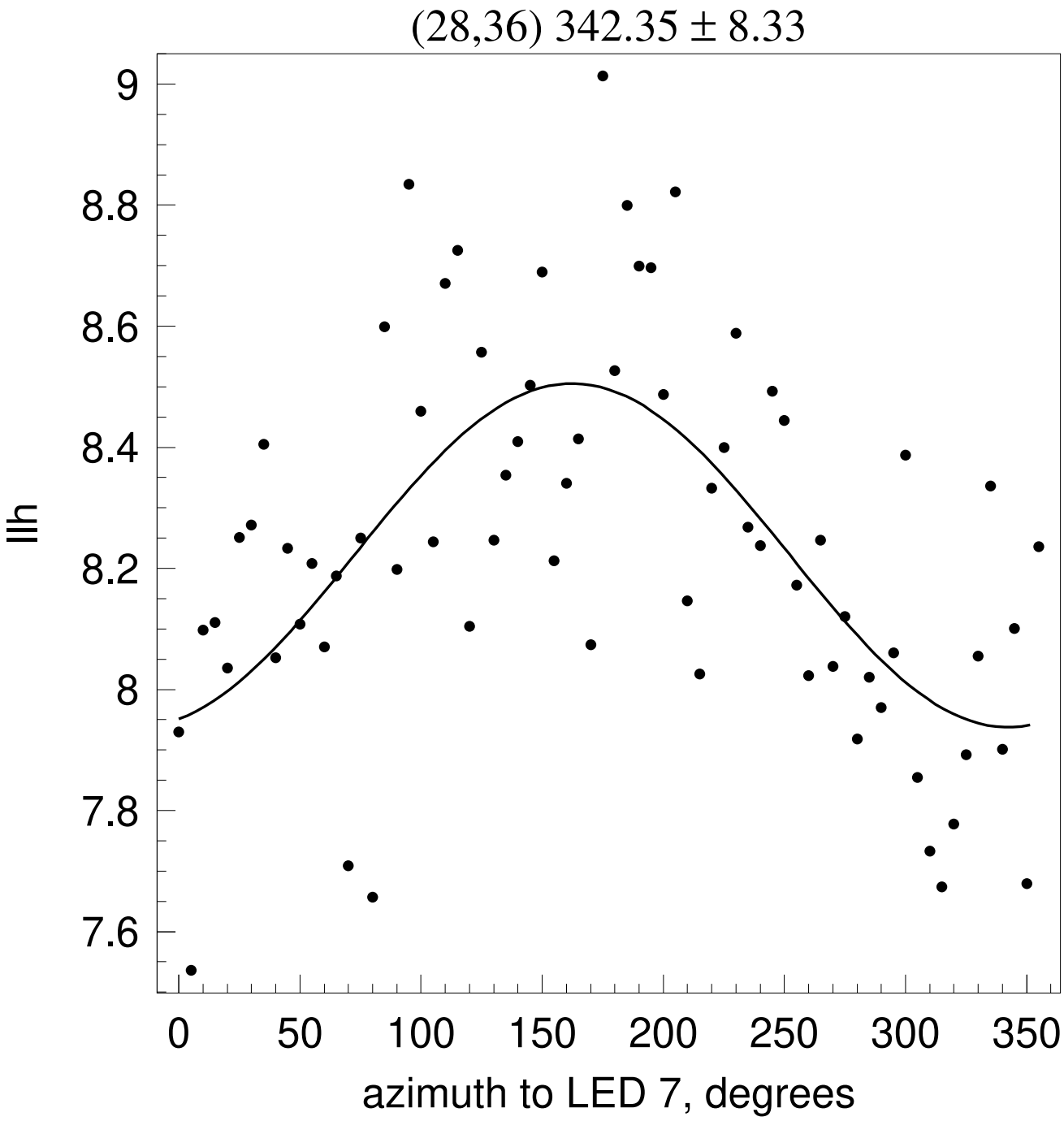

(28,31) 277.67 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

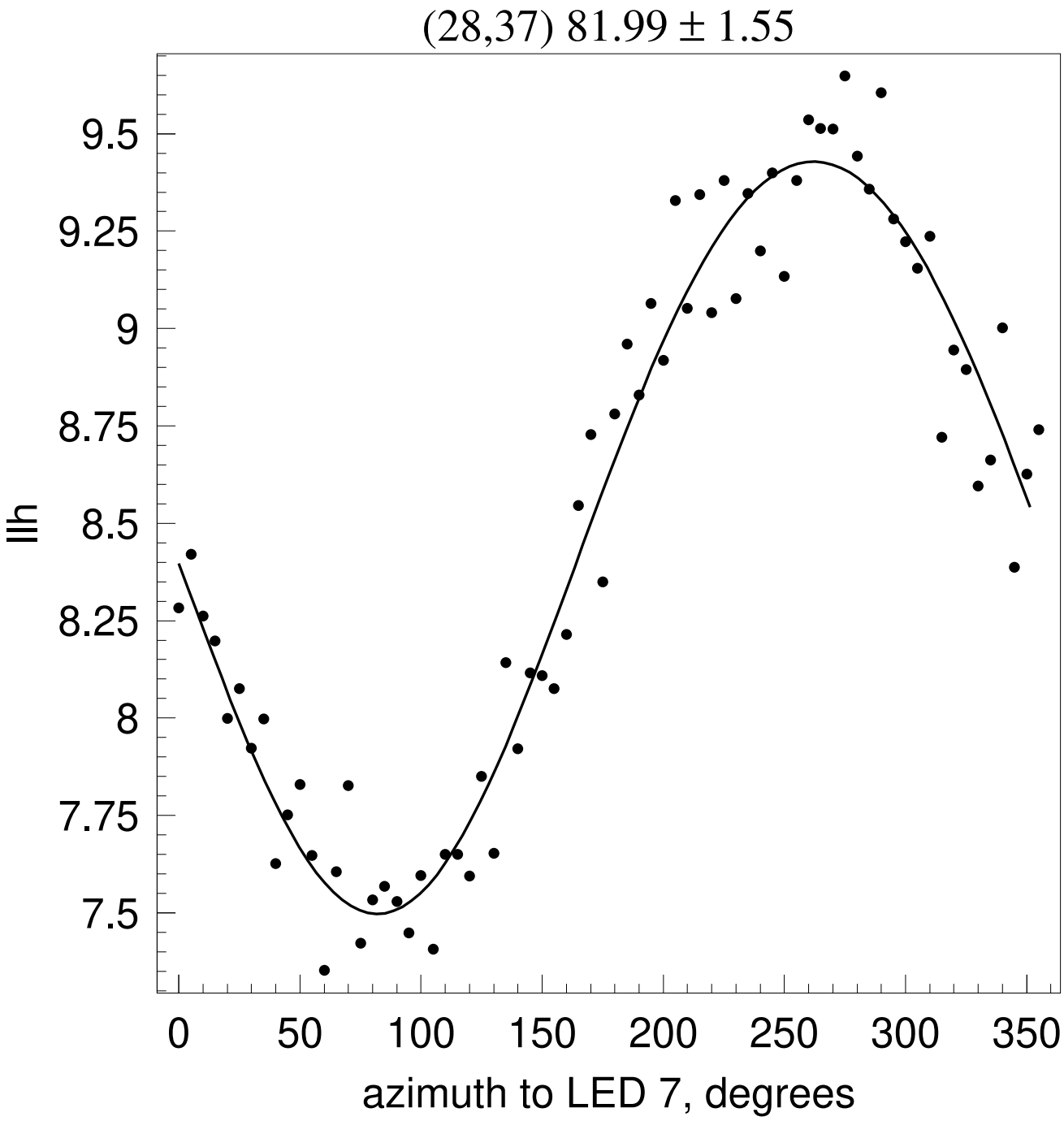

(28,32) 252.07 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

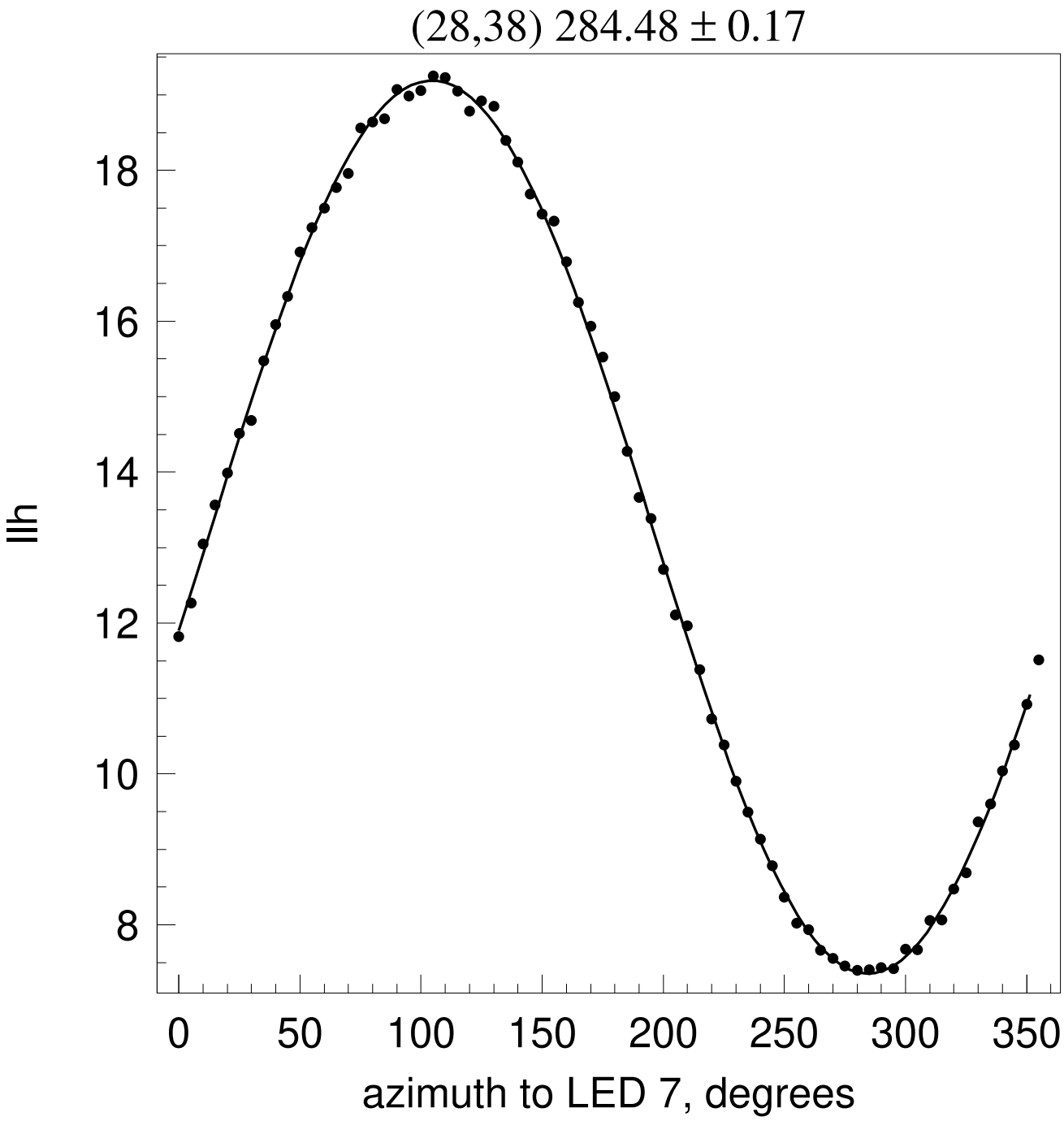

(28,33) 77.05 ± 0.31
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

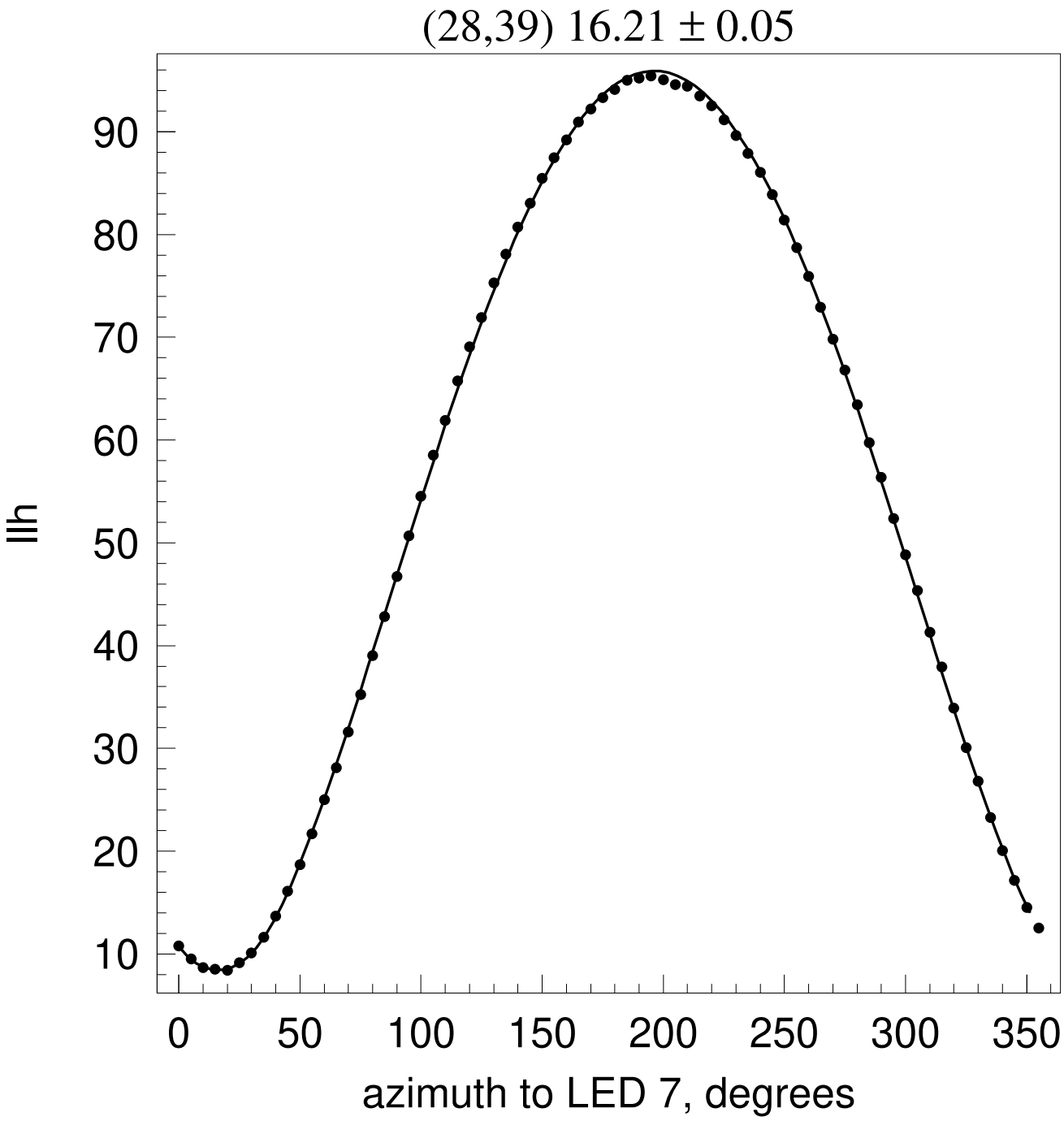

(28,34) 161.45 ± 0.00
16
15
14
13
12
11
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

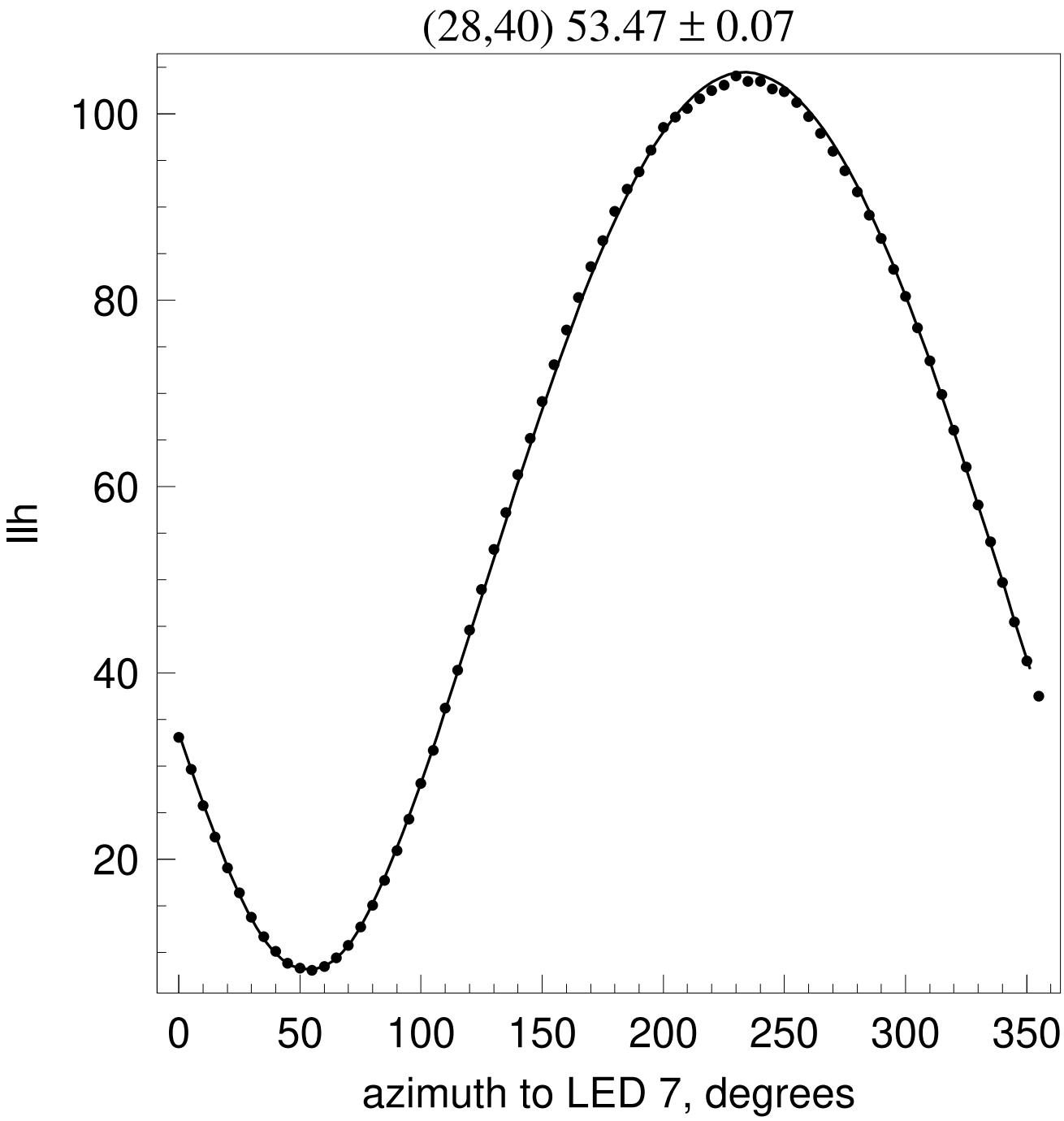

(28,35) 116.94 ± 2.98
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

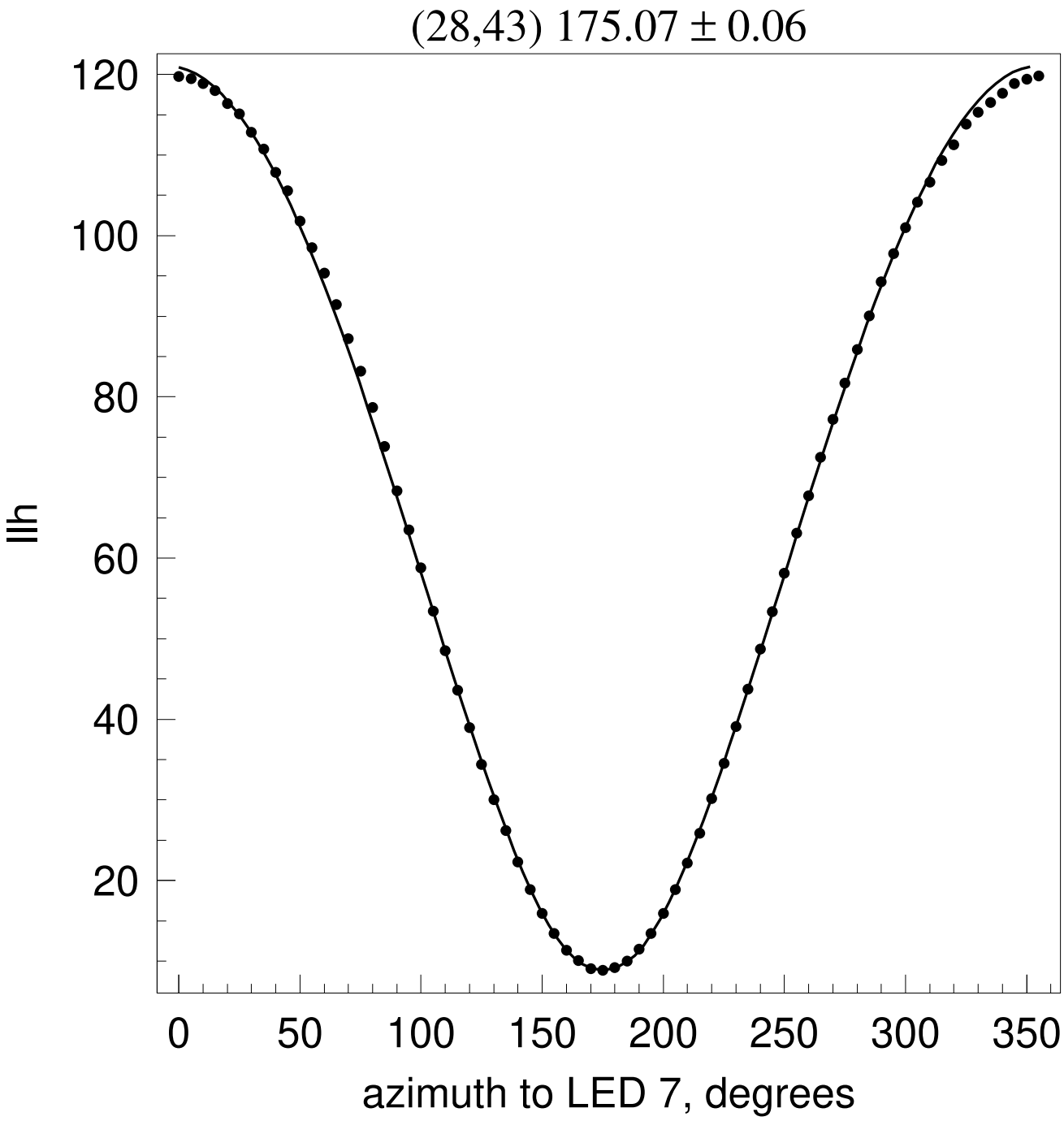

(28,36) 342.35 ± 8.33
9
8.8
8.6
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

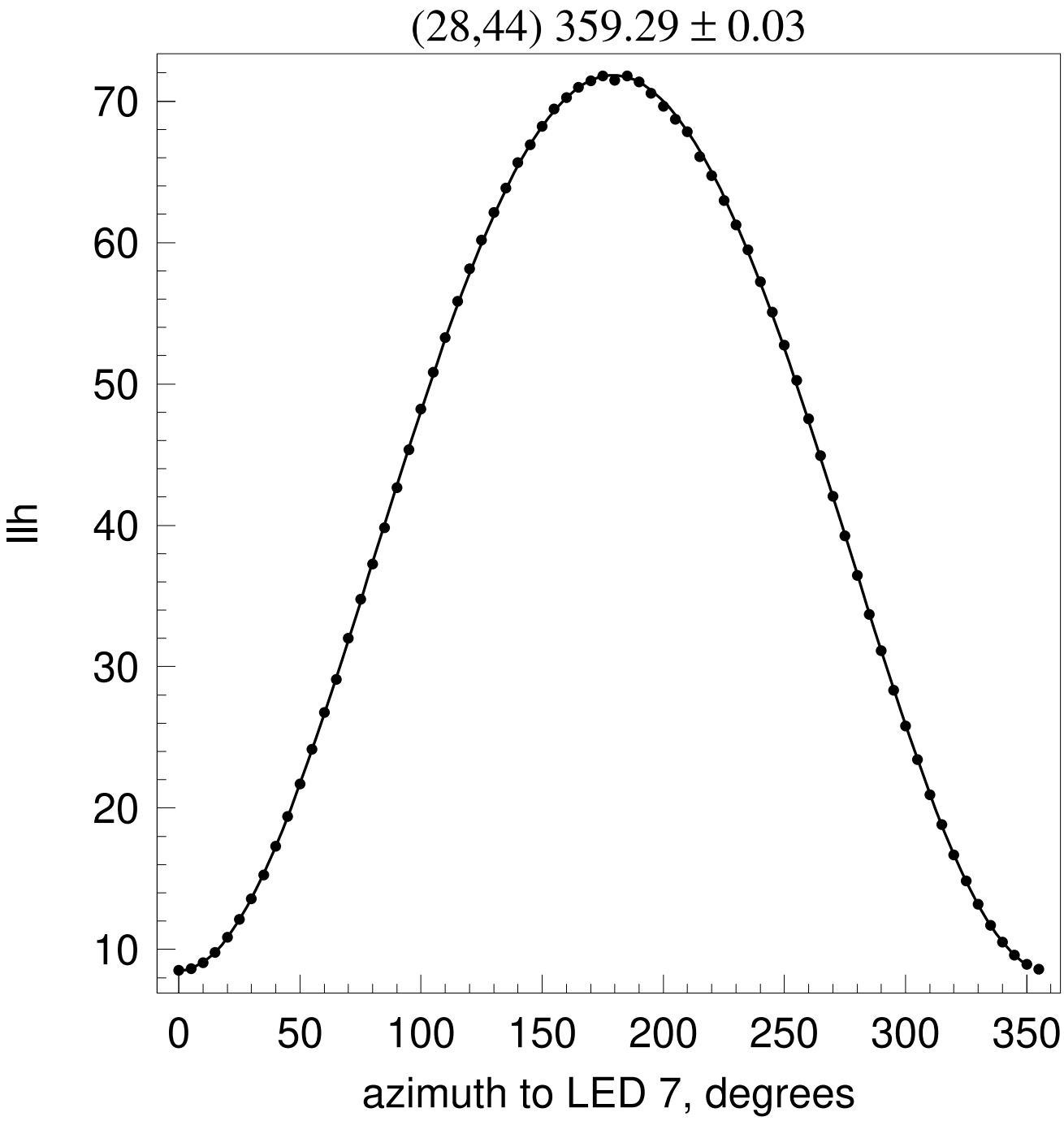

(28,37) 81.99 ± 1.55
9.5
9.25
9
8.75
8.5
8.25
8
7.75
7.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

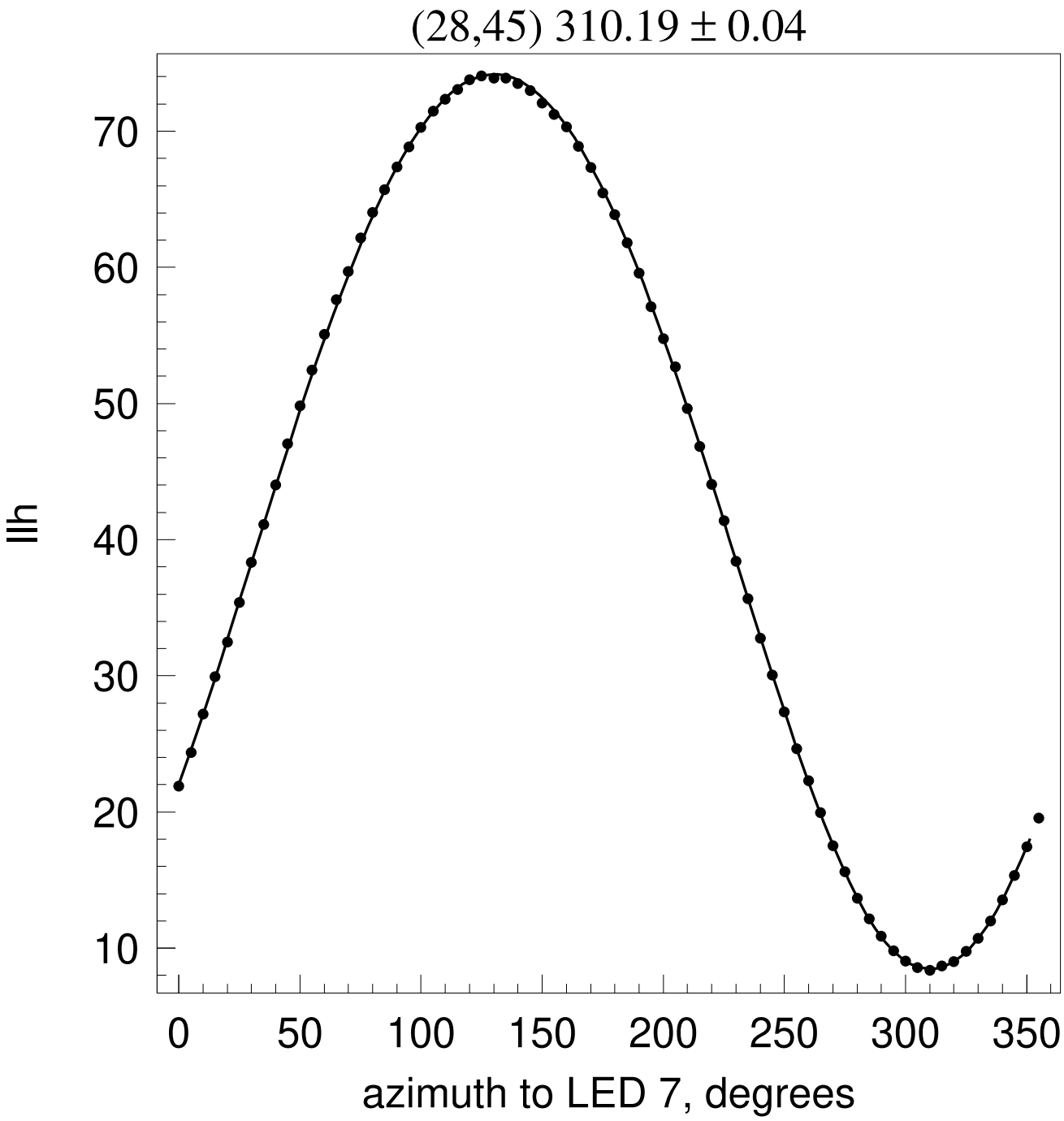

(28,38) 284.48 ± 0.17
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

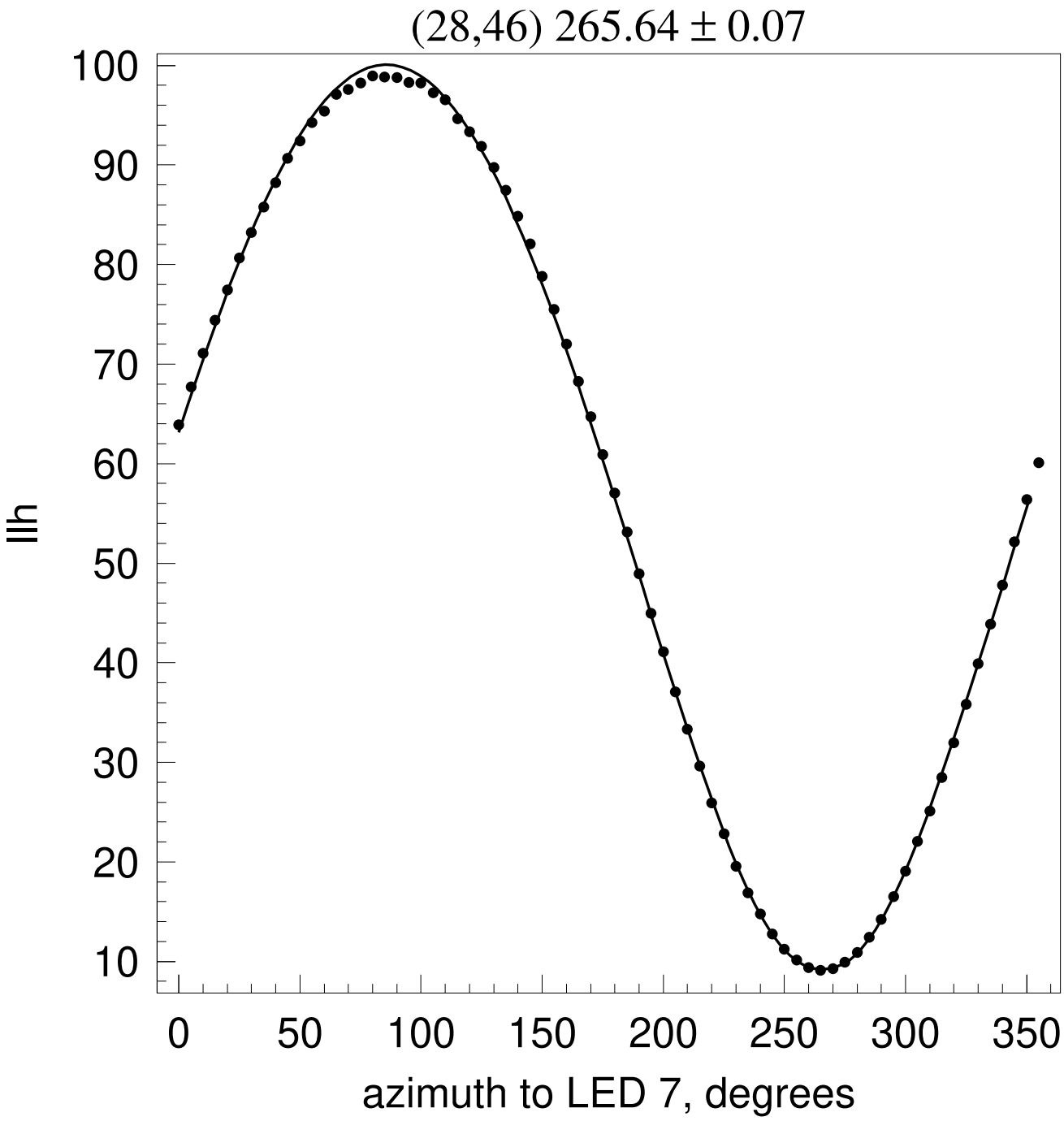

(28,39) 16.21 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

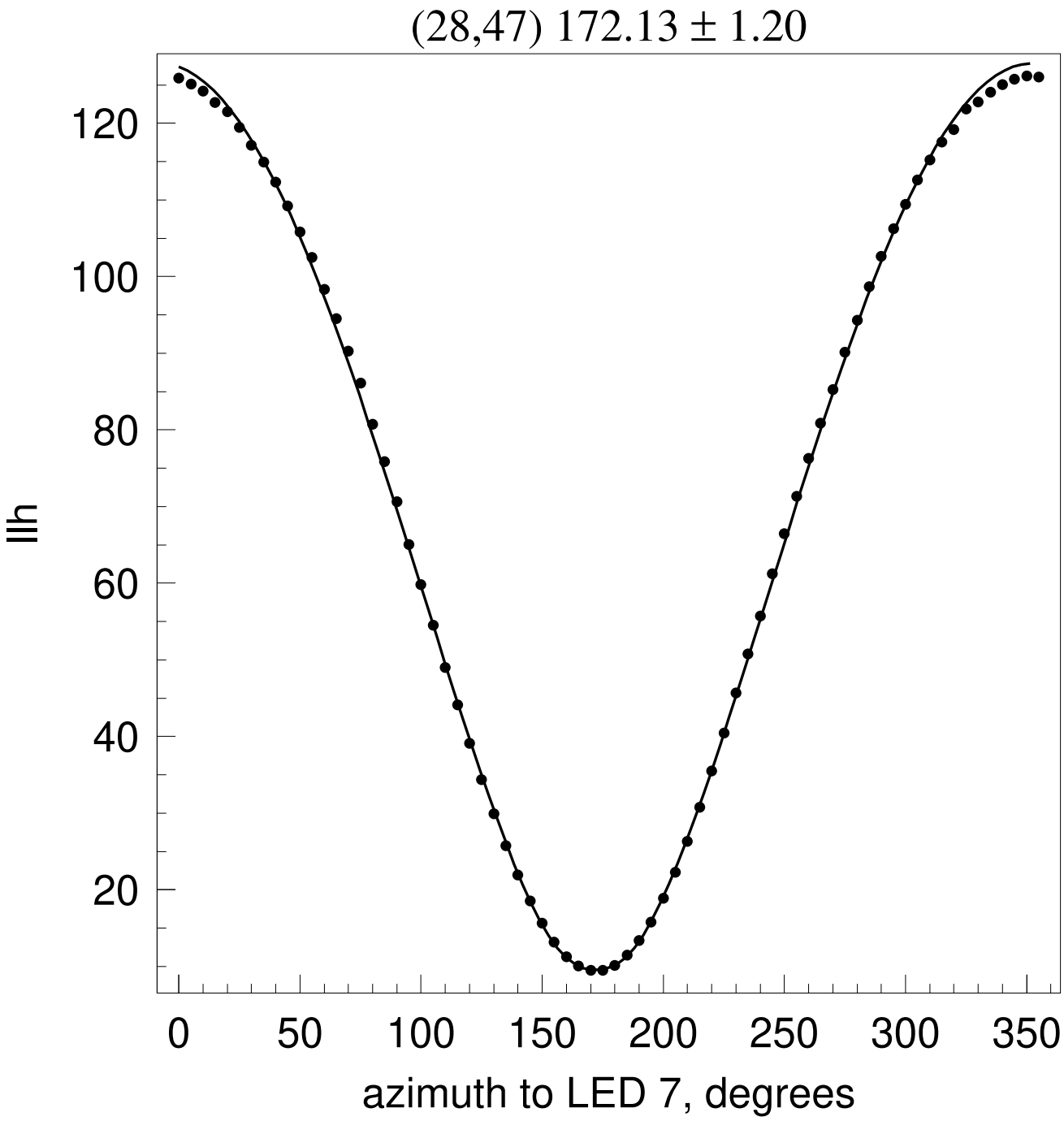

(28,40) 53.47 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

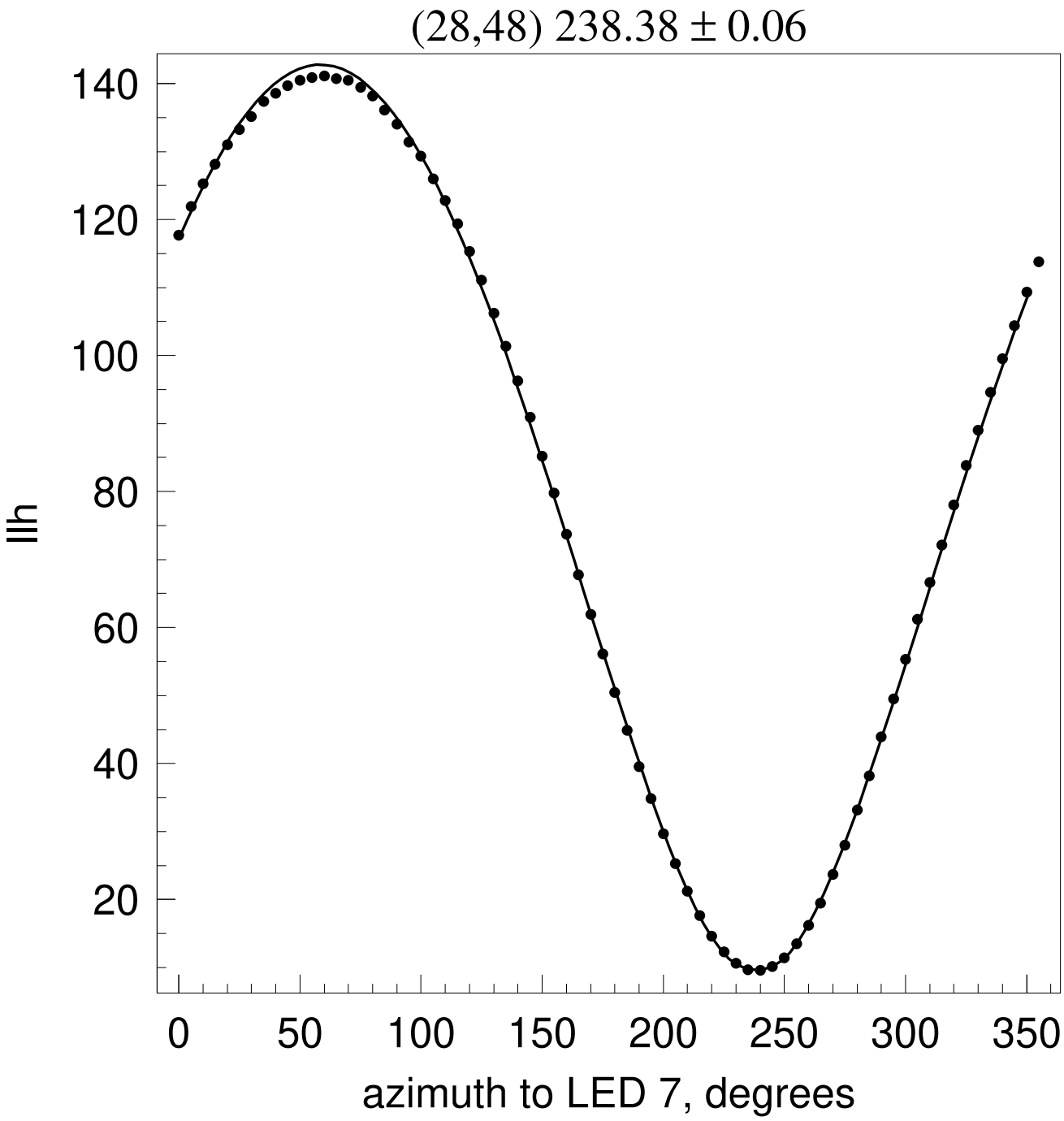

(28,43) 175.07 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

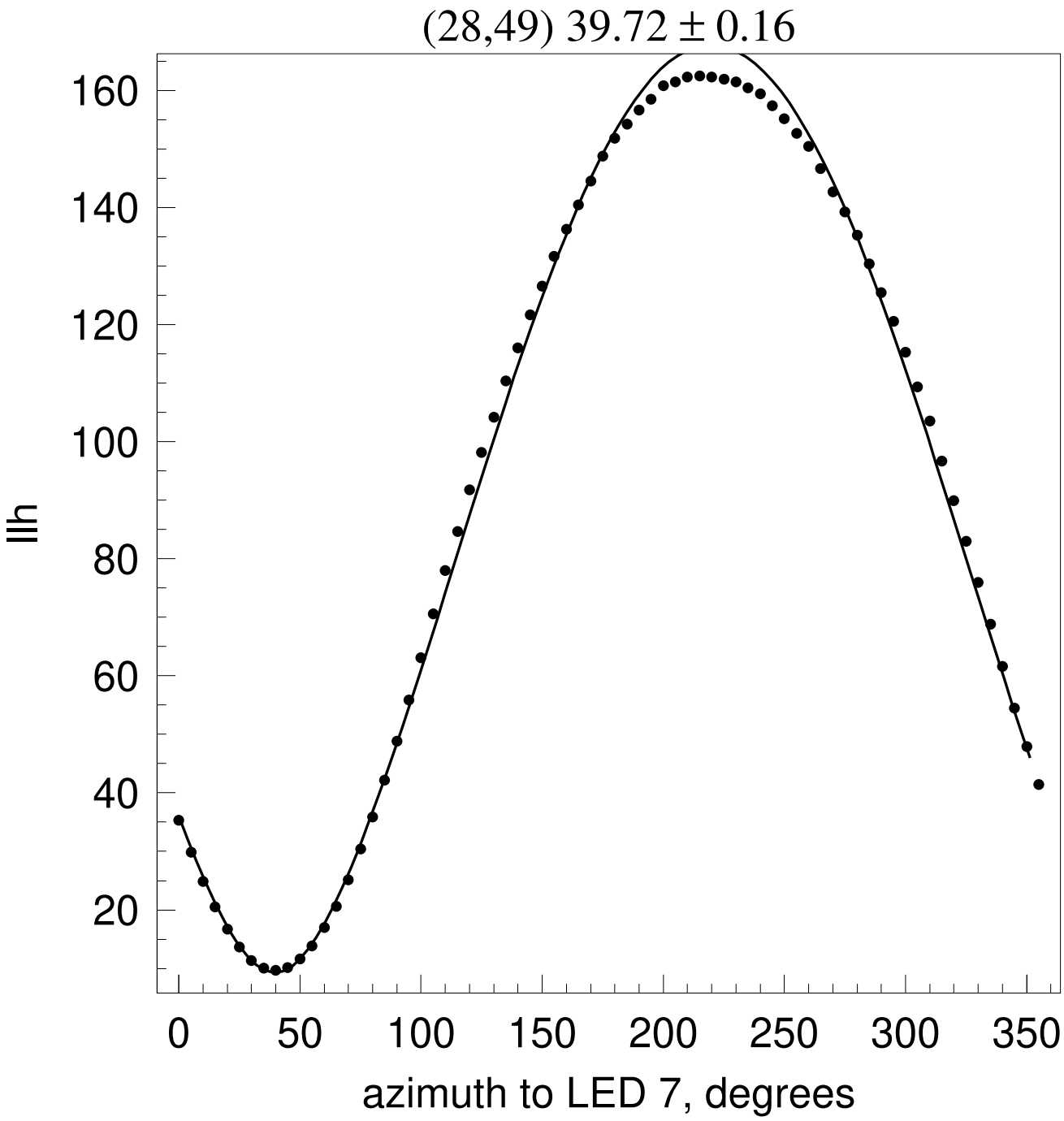

(28,44) 359.29 ± 0.03
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

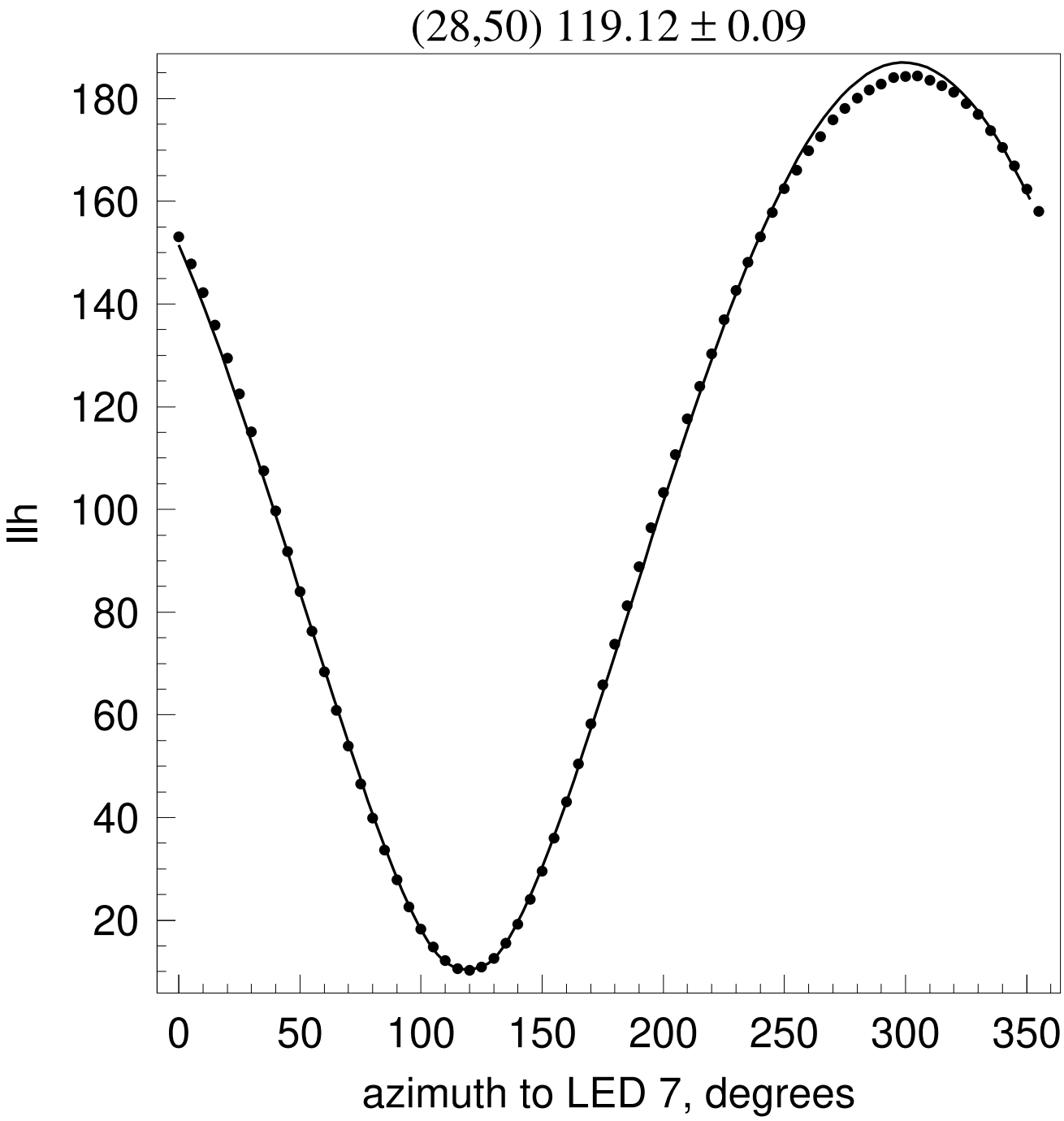

(28,45) 310.19 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

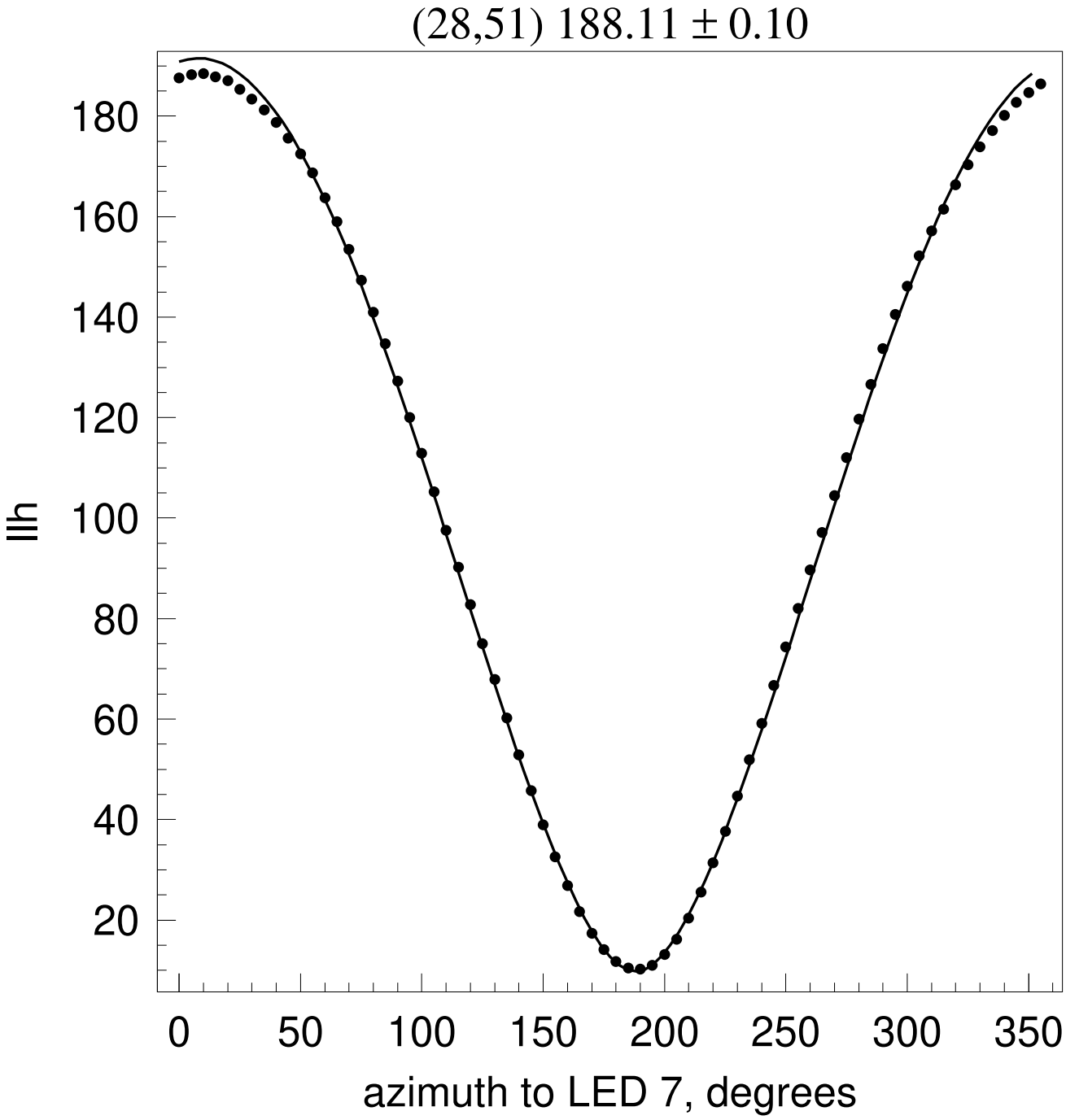

(28,46) 265.64 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

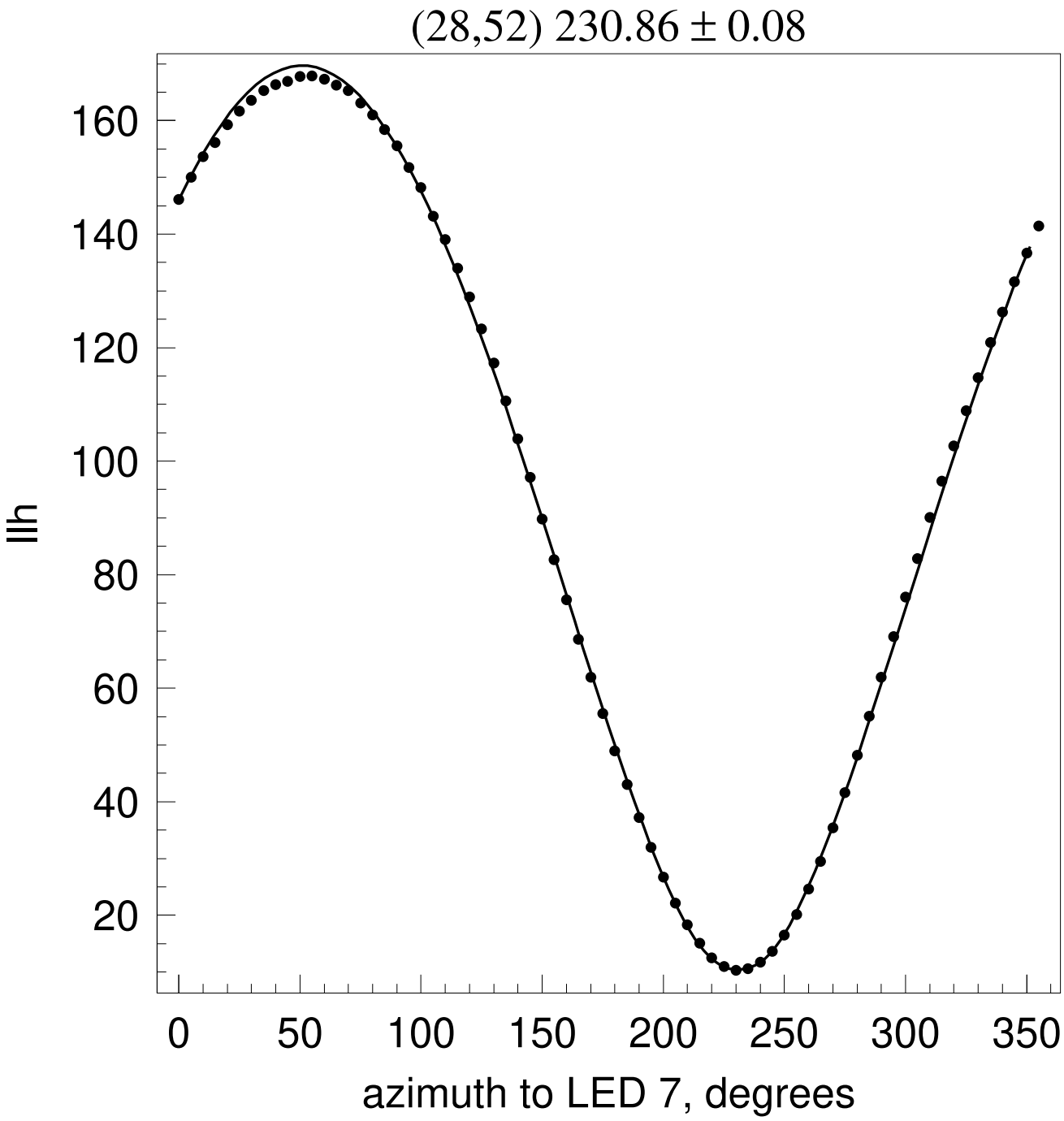

(28,47) 172.13 ± 1.20
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

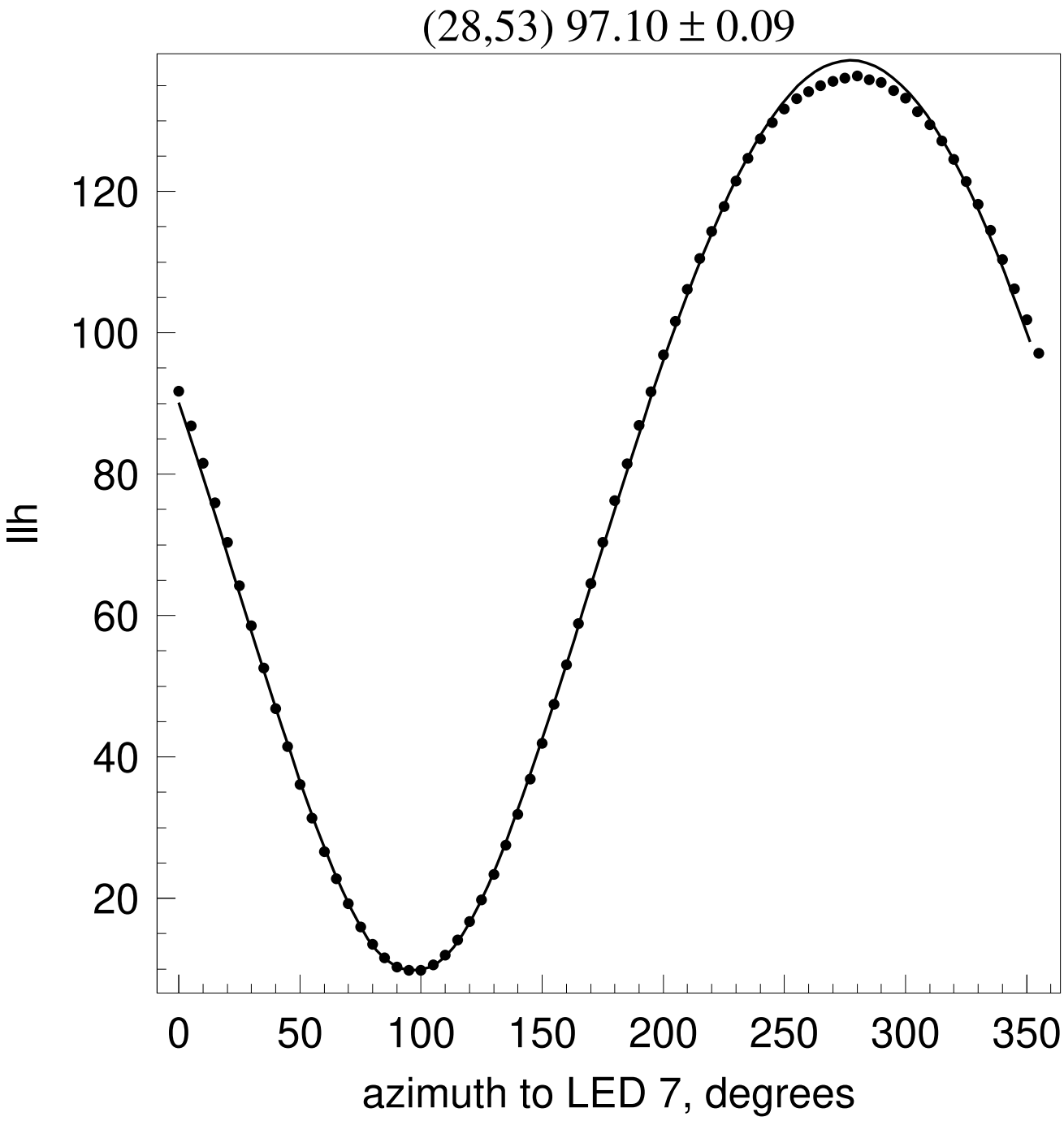

(28,48) 238.38 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

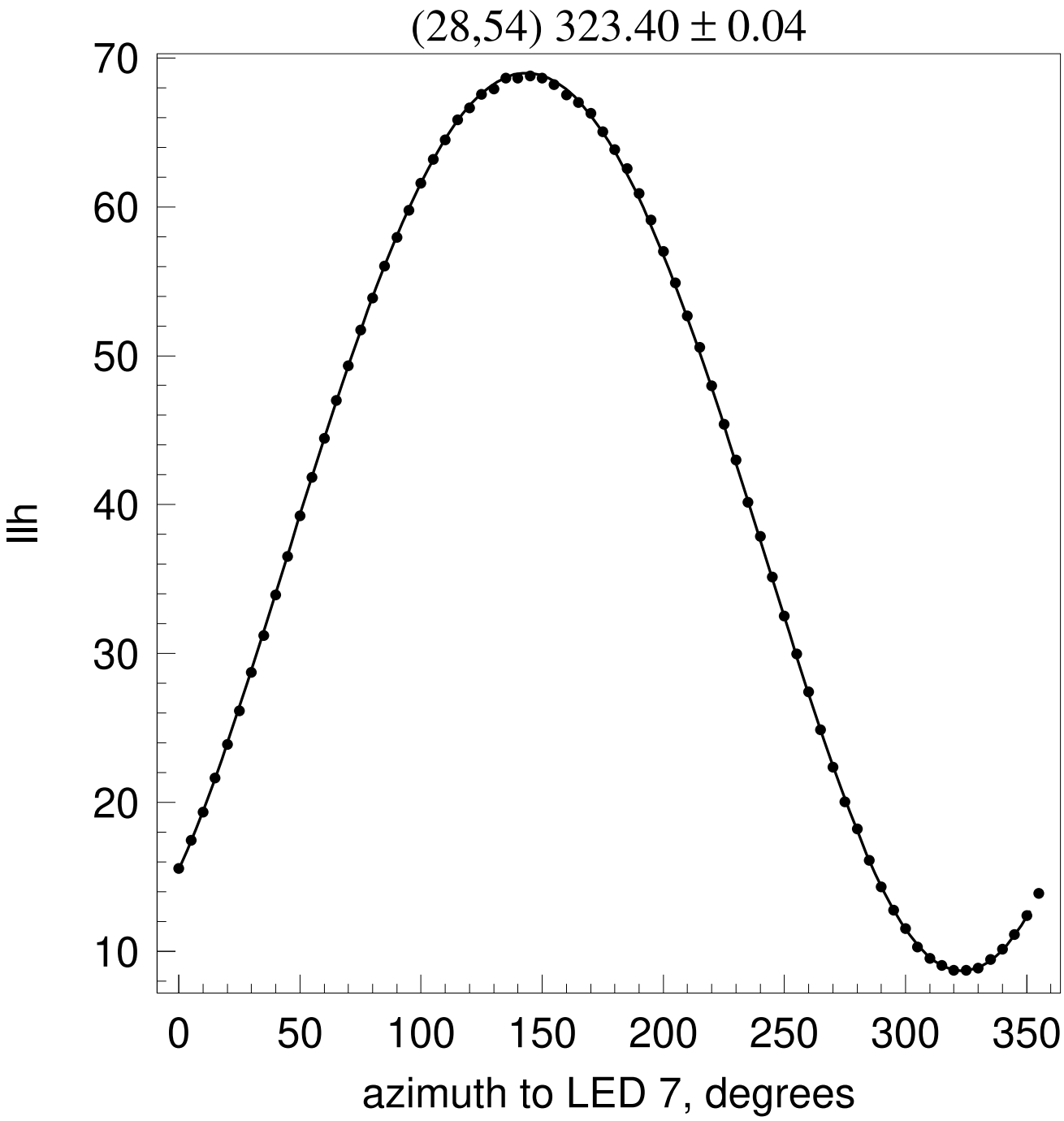

(28,49) 39.72 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

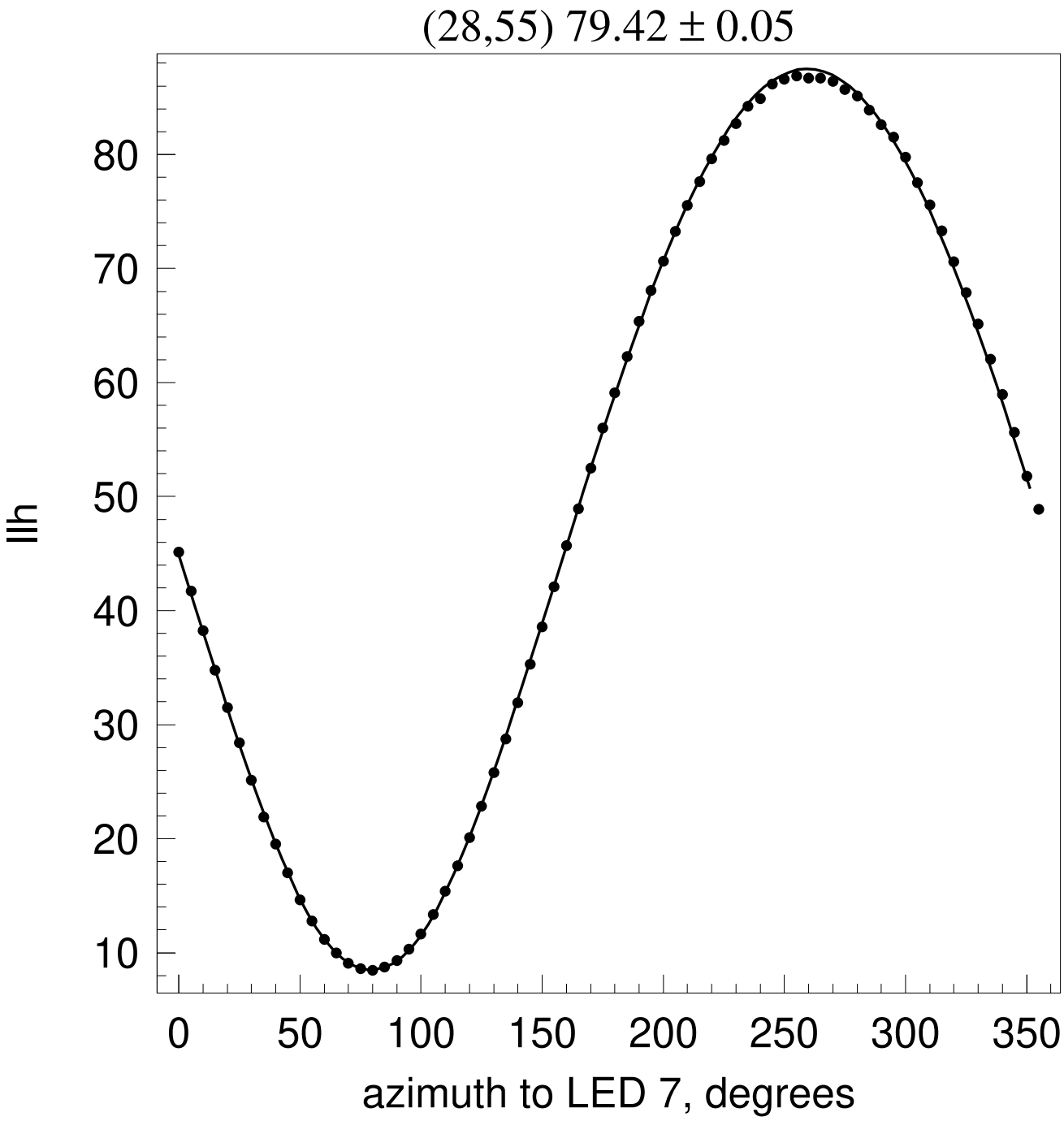

(28,50) 119.12 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

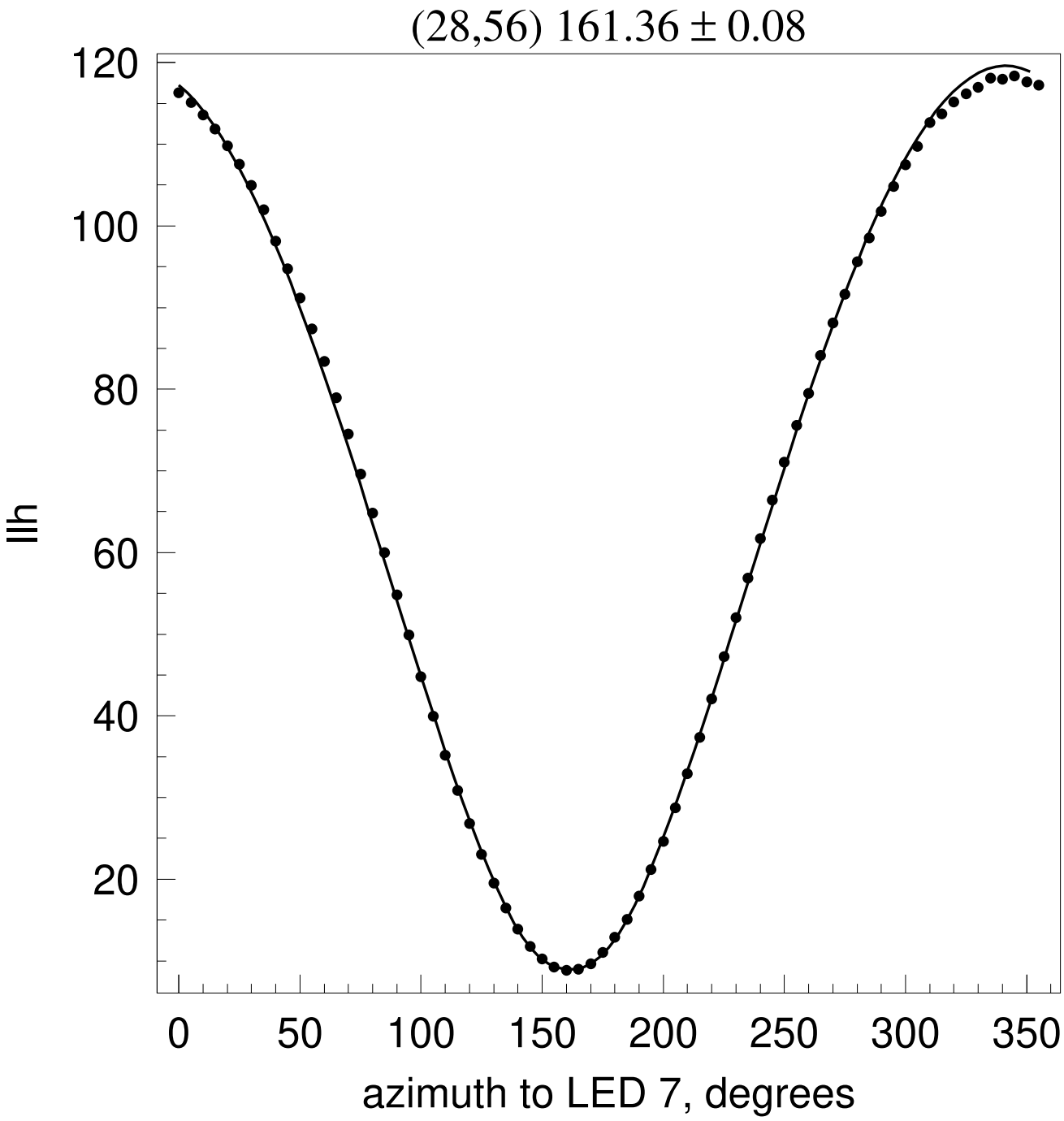

(28,51) 188.11 ± 0.10
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

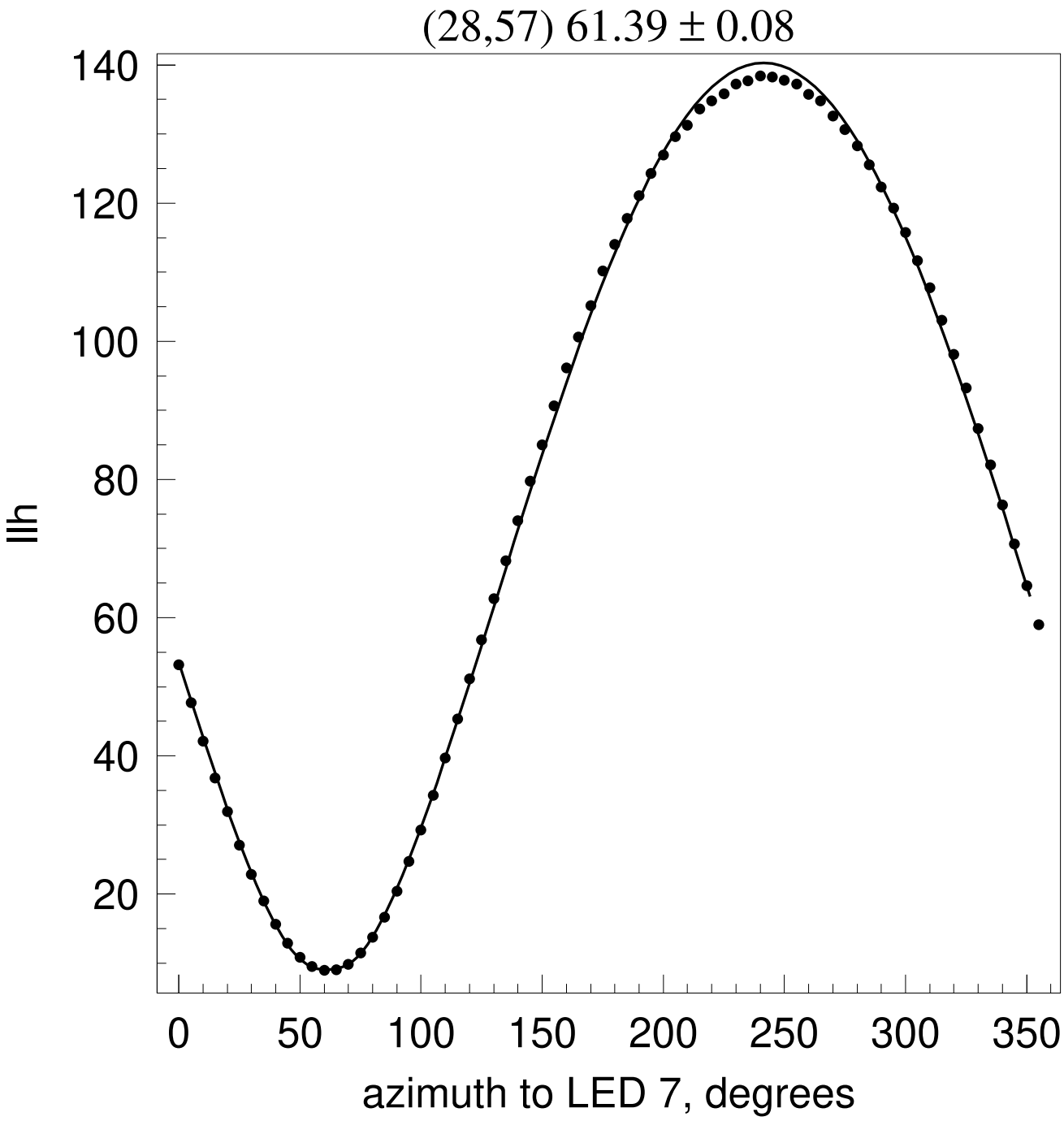

(28,52) 230.86 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

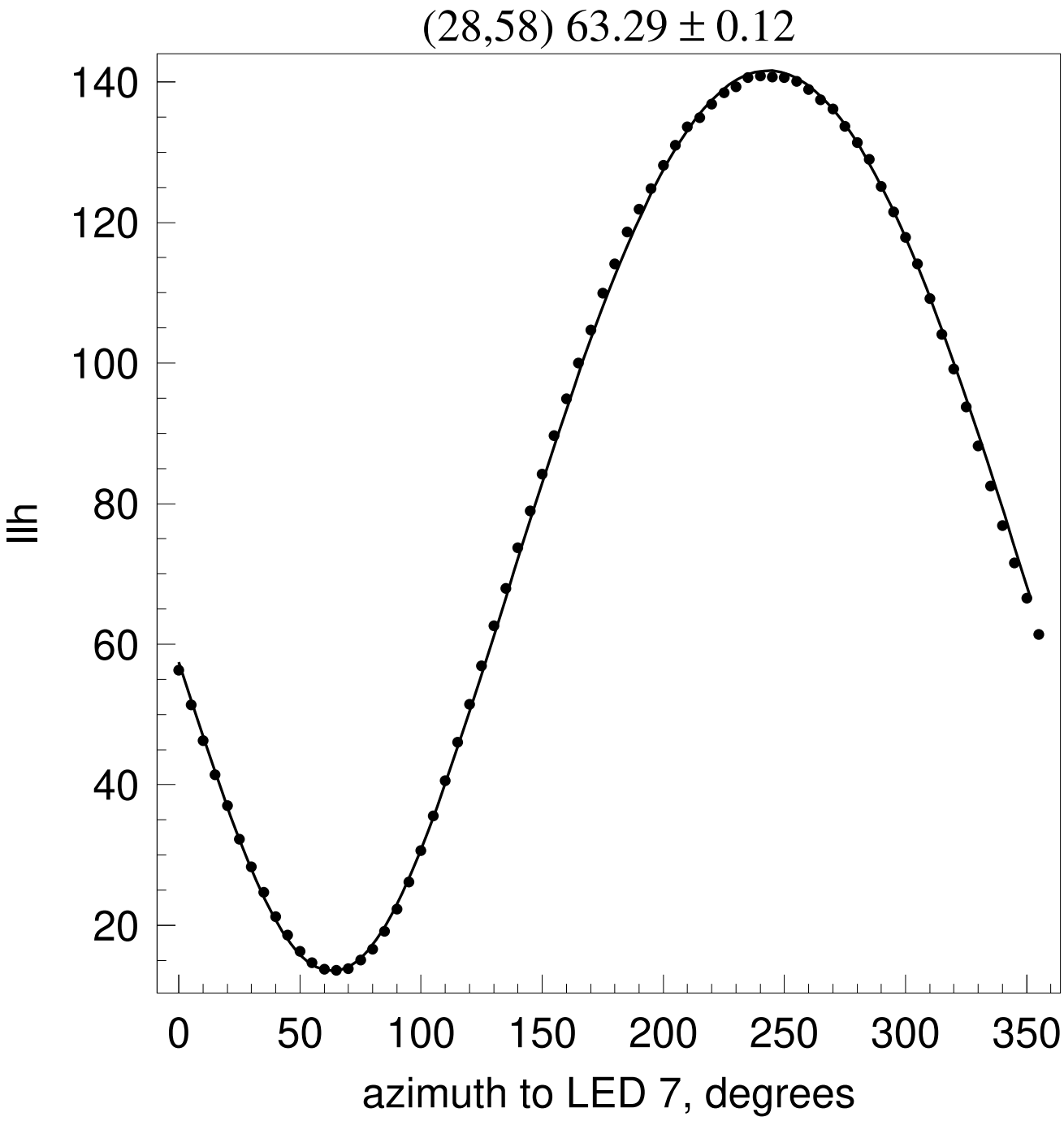

(28,53) 97.10 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

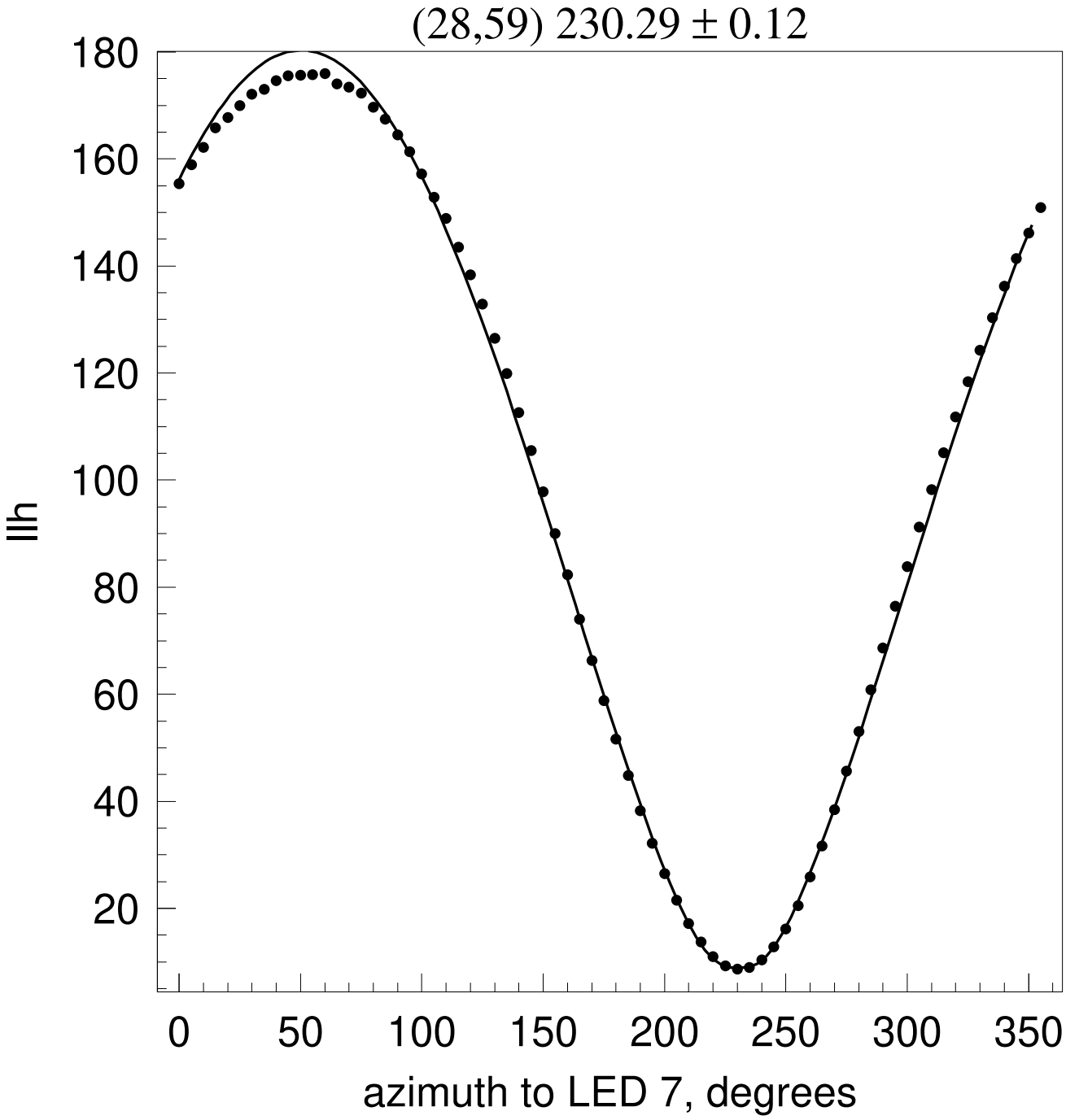

(28,54) 323.40 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

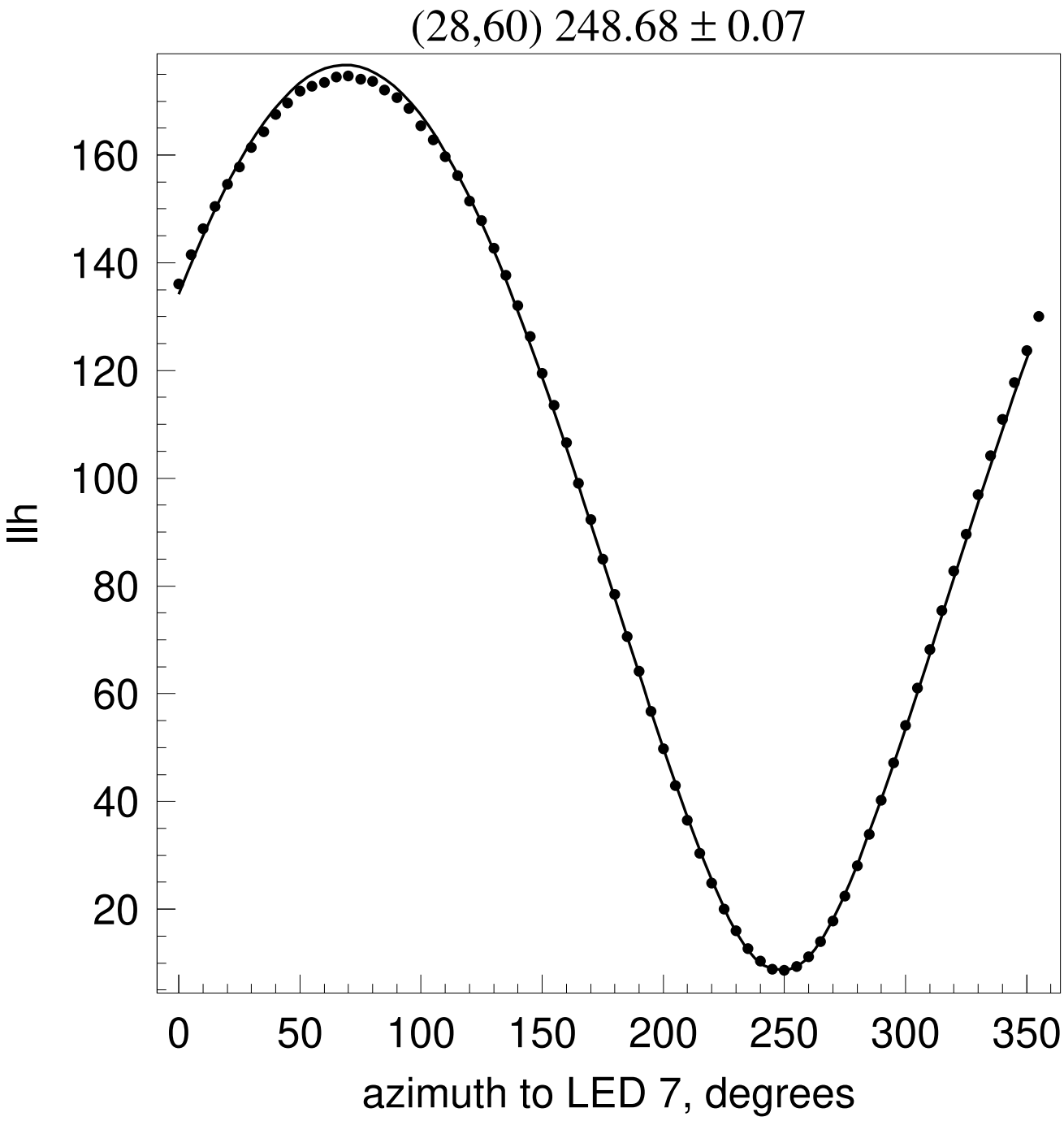

(28,55) 79.42 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

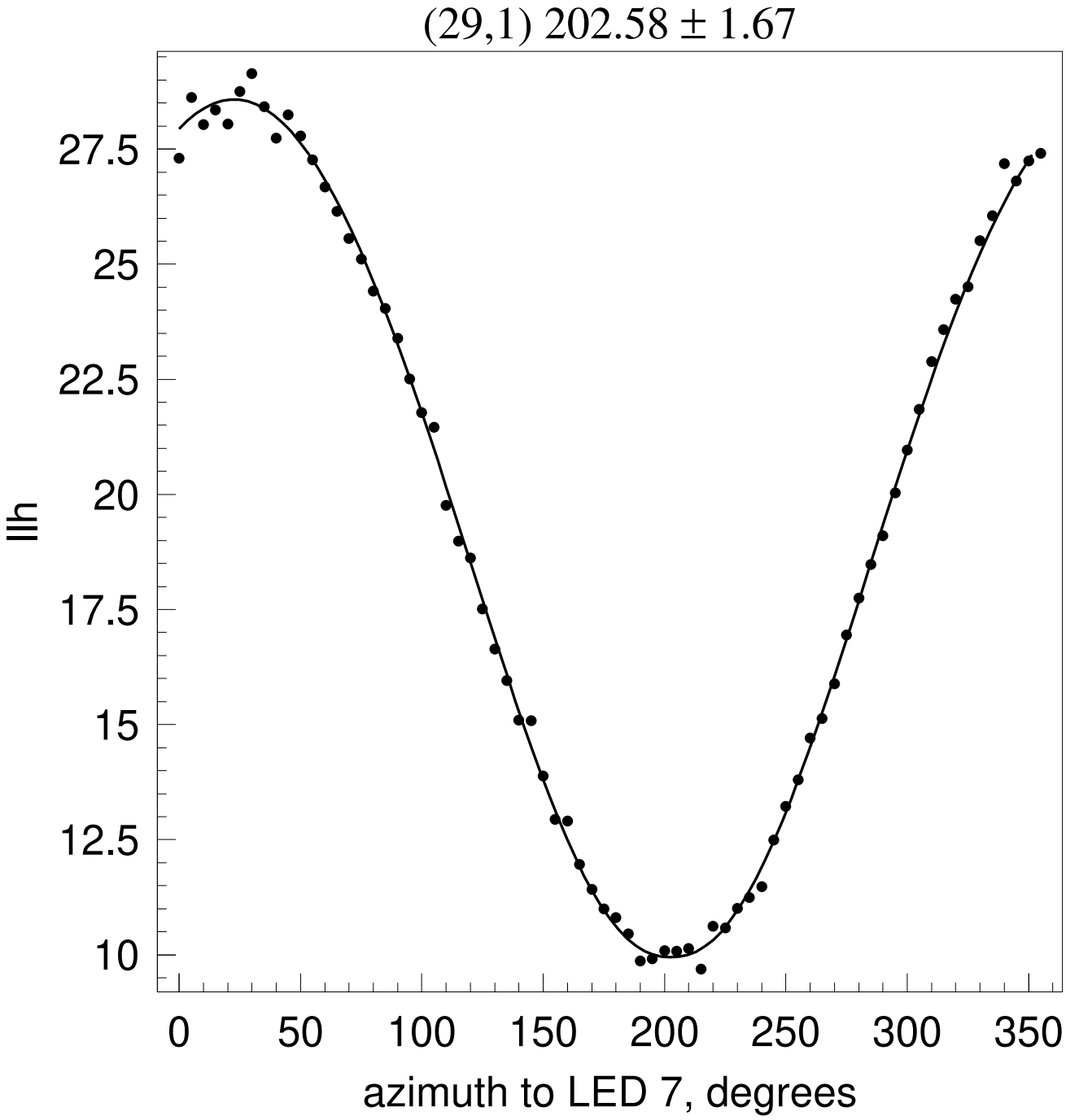

(28,56) 161.36 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

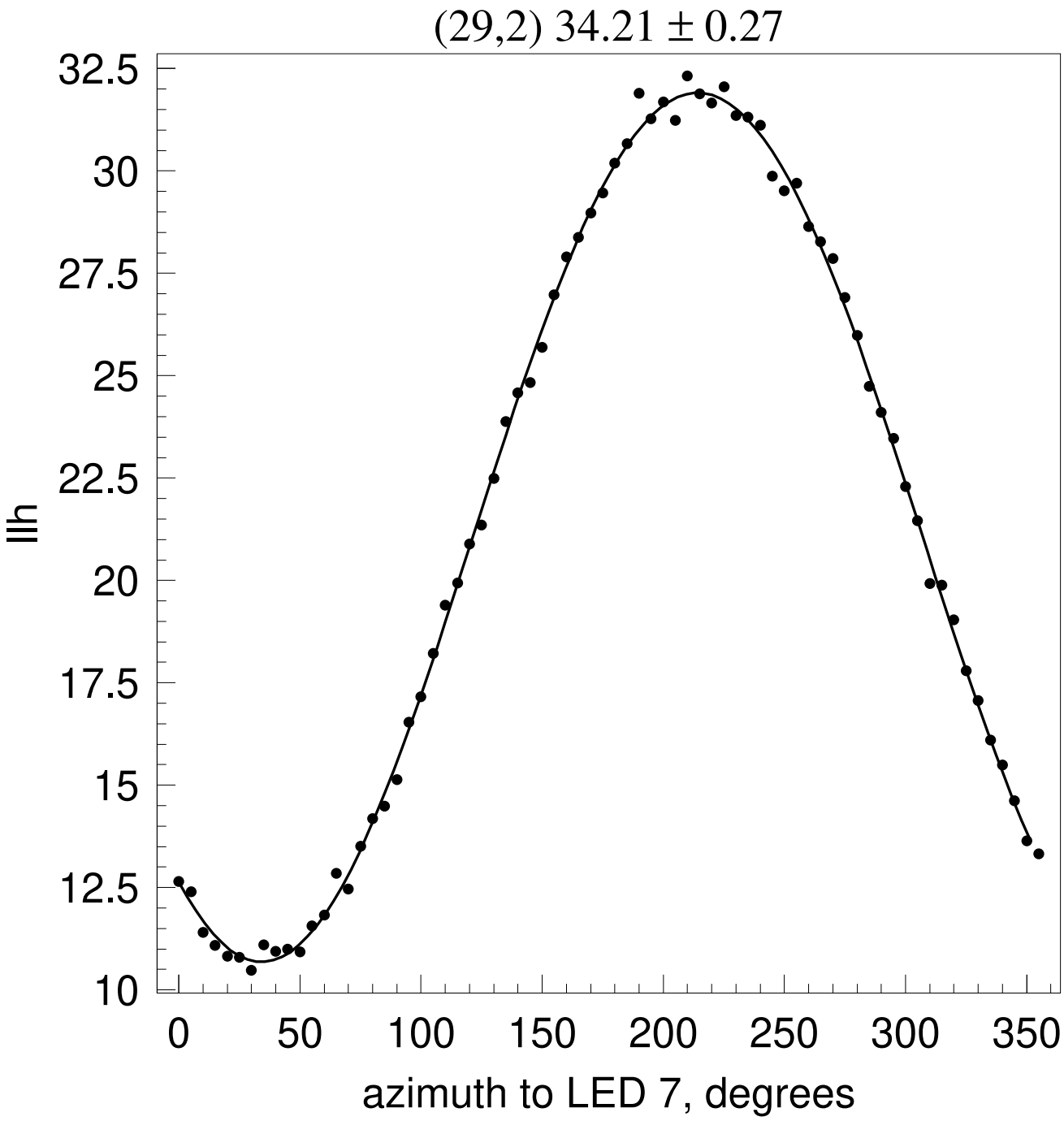

(28,57) 61.39 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

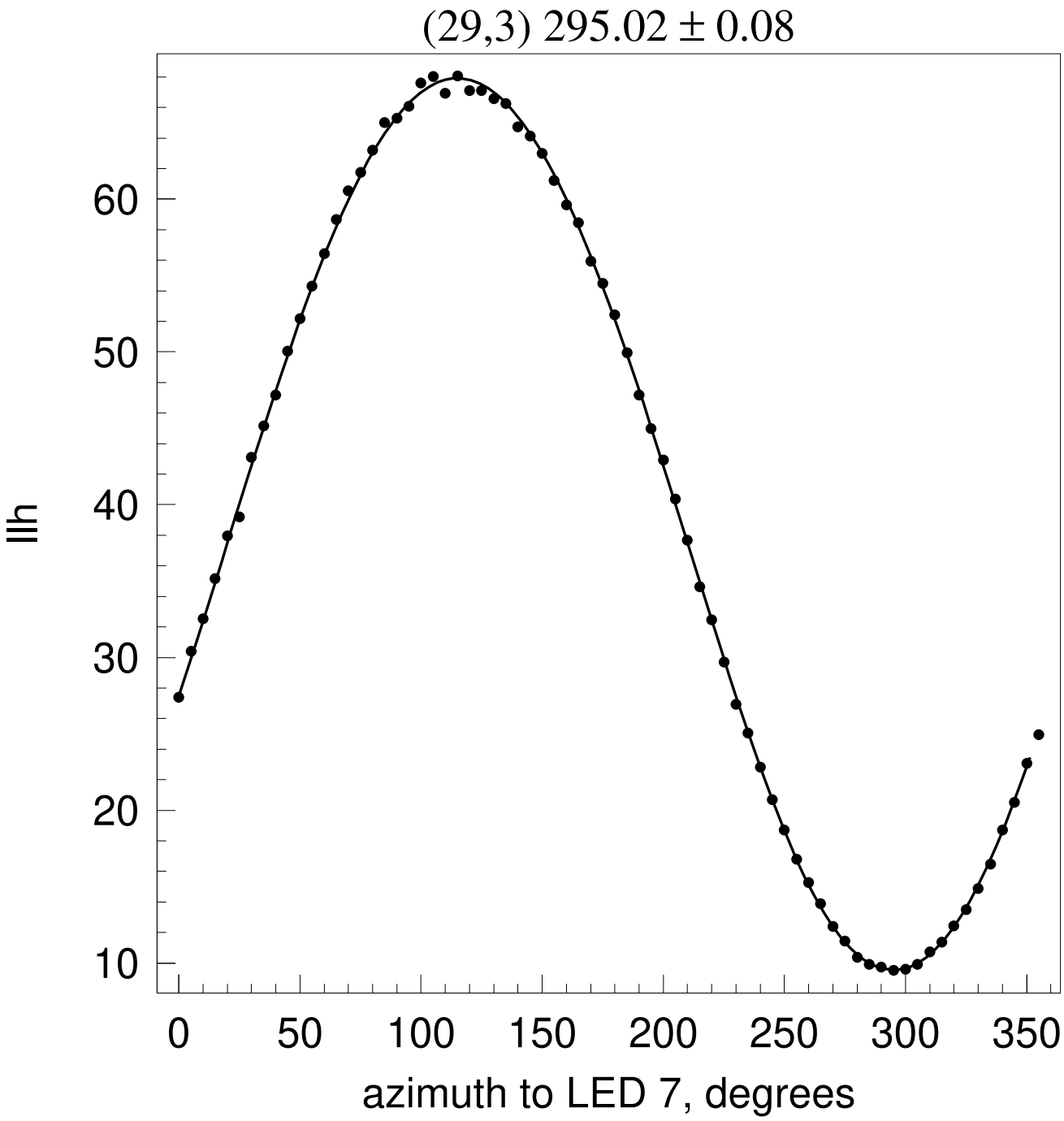

(28,58) 63.29 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

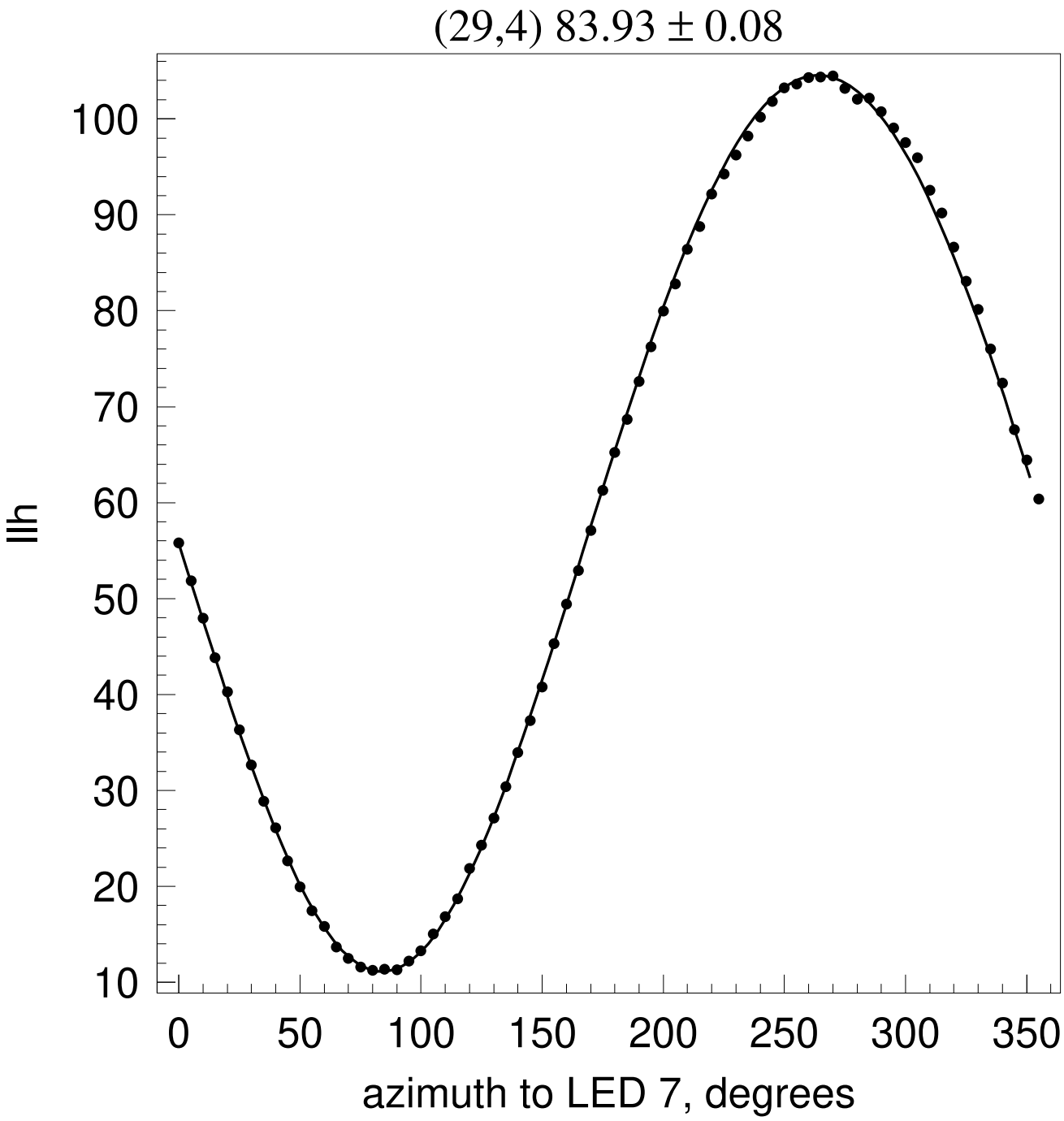

(28,59) 230.29 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

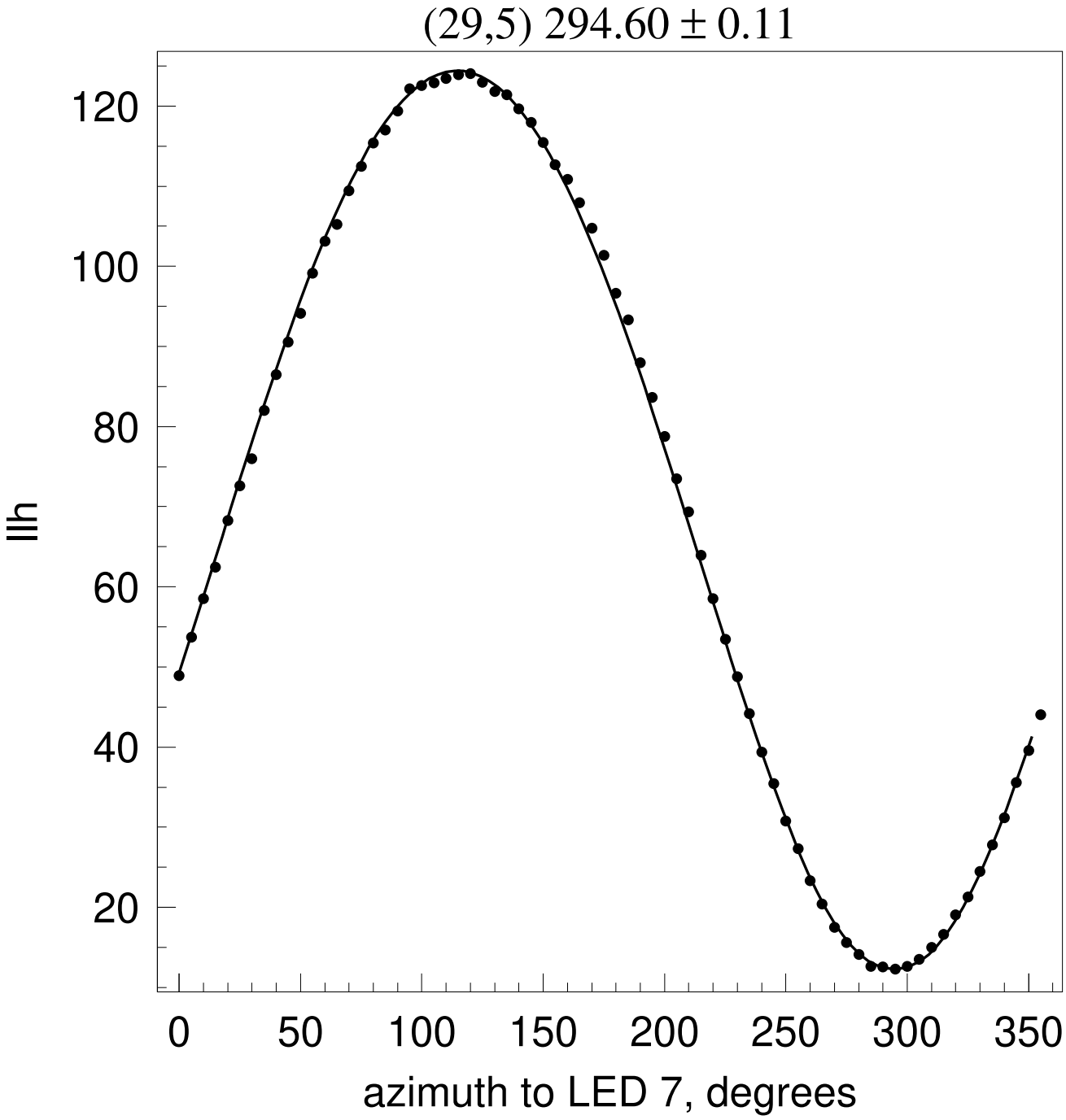

(28,60) 248.68 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

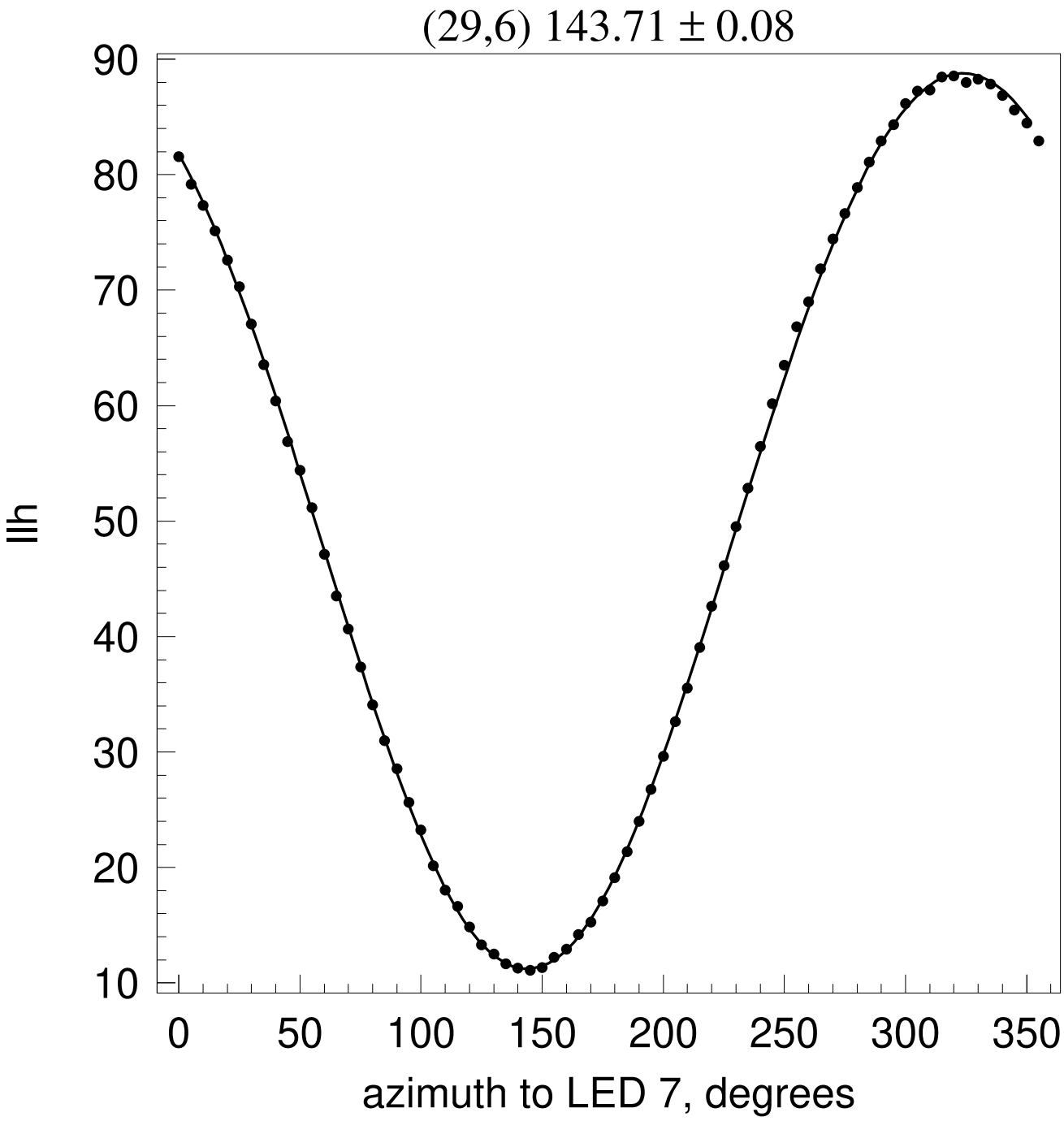

(29,1) 202.58 ± 1.67
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

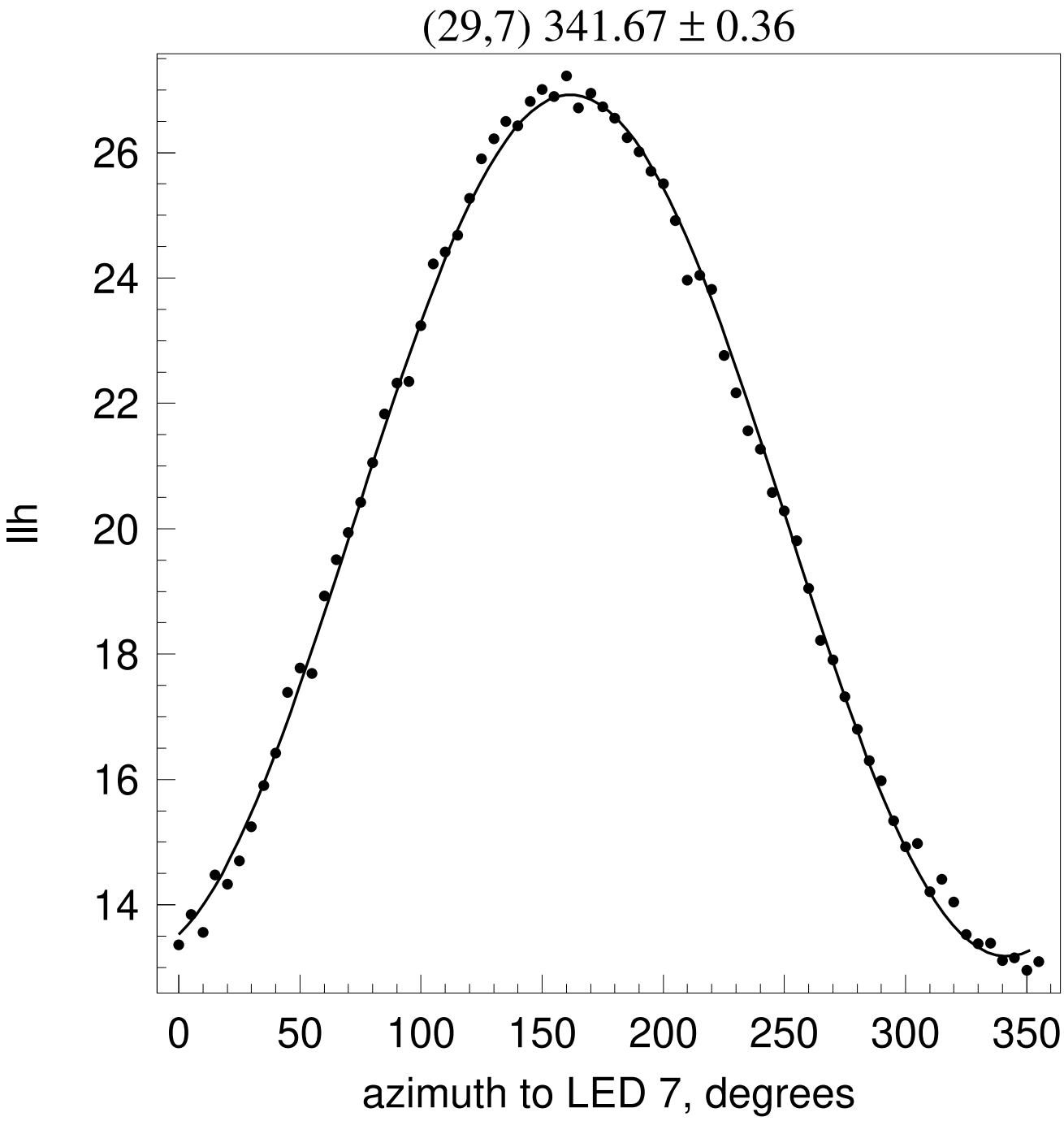

(29,2) 34.21 ± 0.27
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

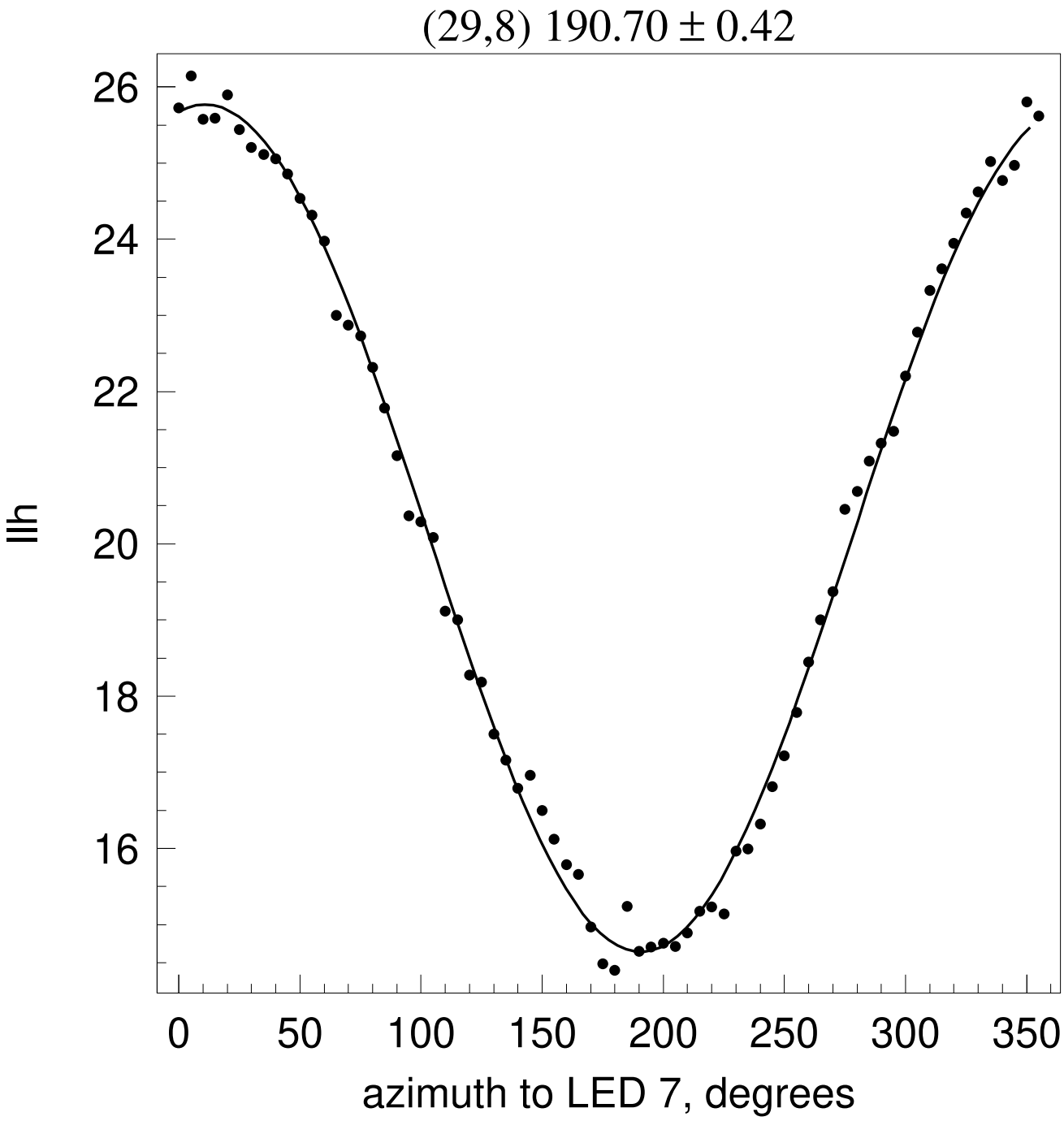

(29,3) 295.02 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

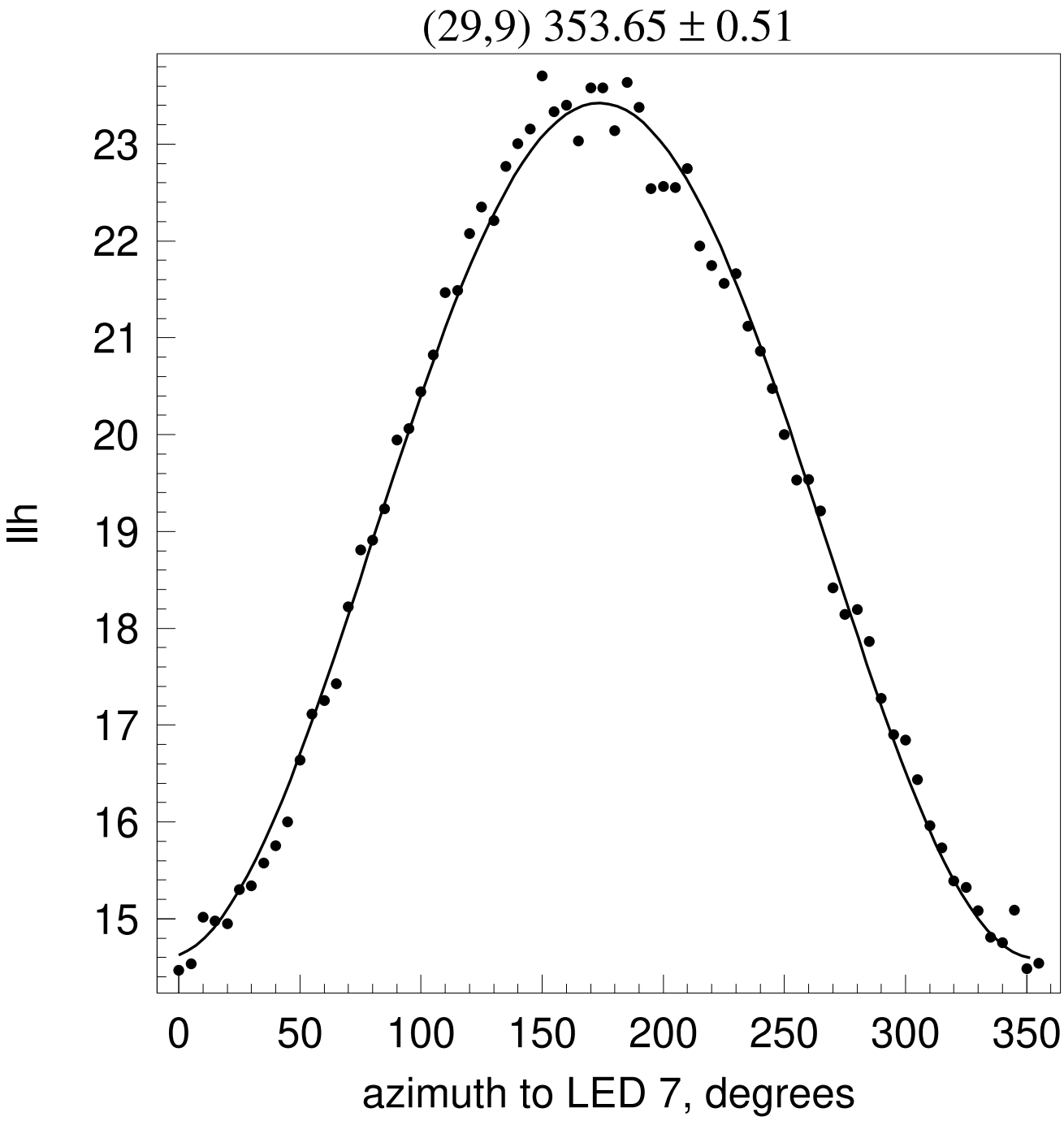

(29,4) 83.93 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

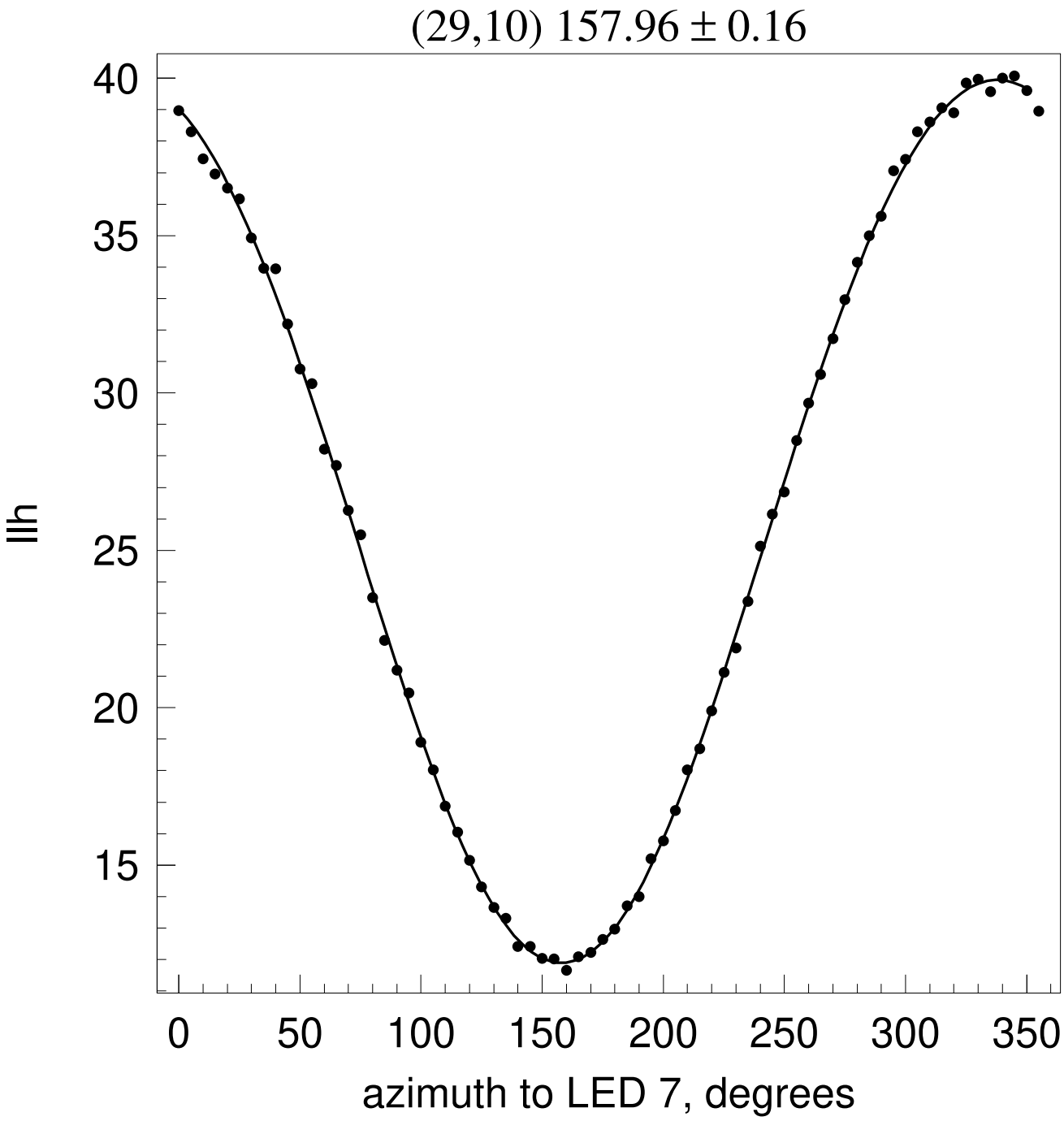

(29,5) 294.60 ± 0.11
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

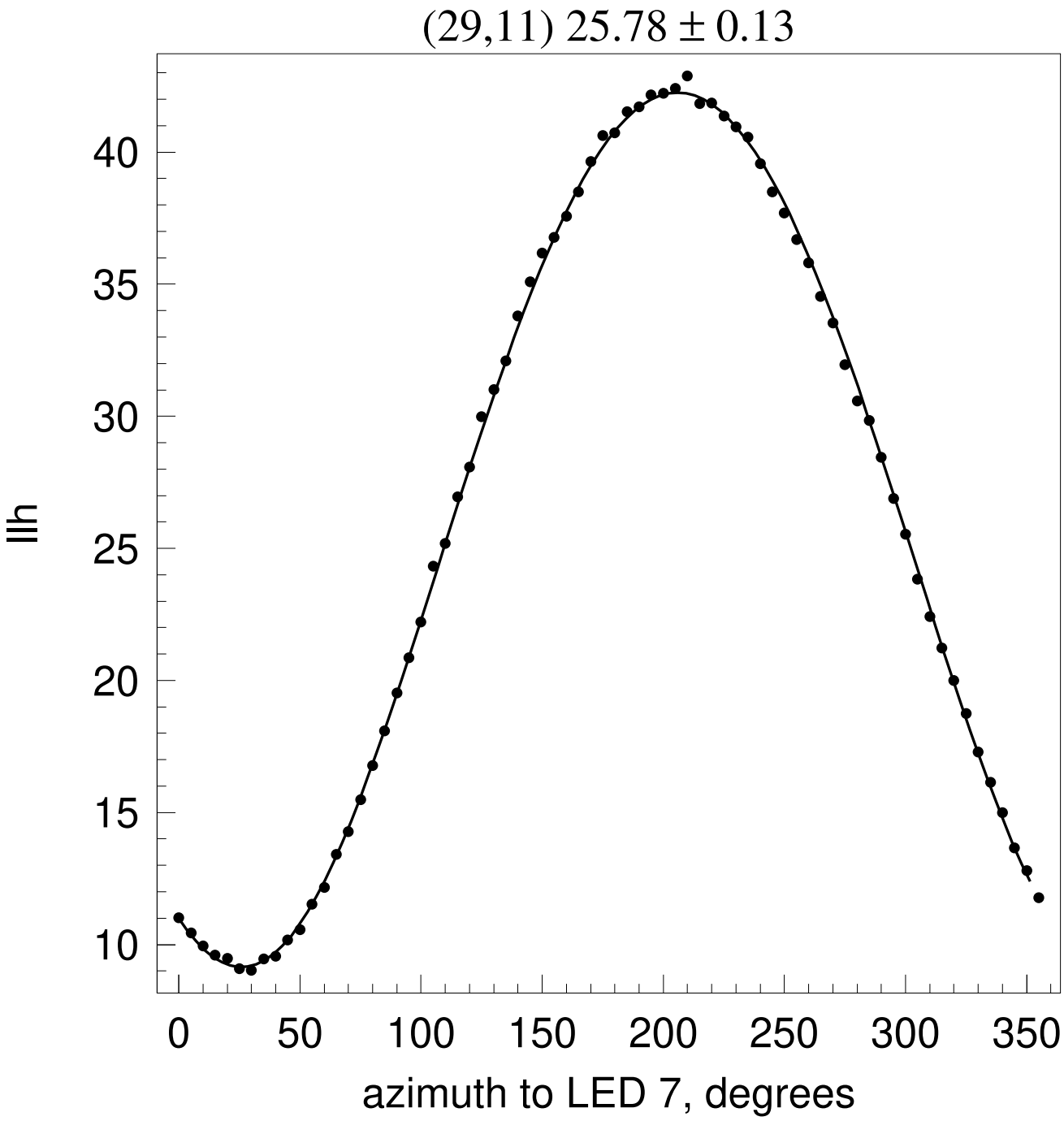

(29,6) 143.71 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

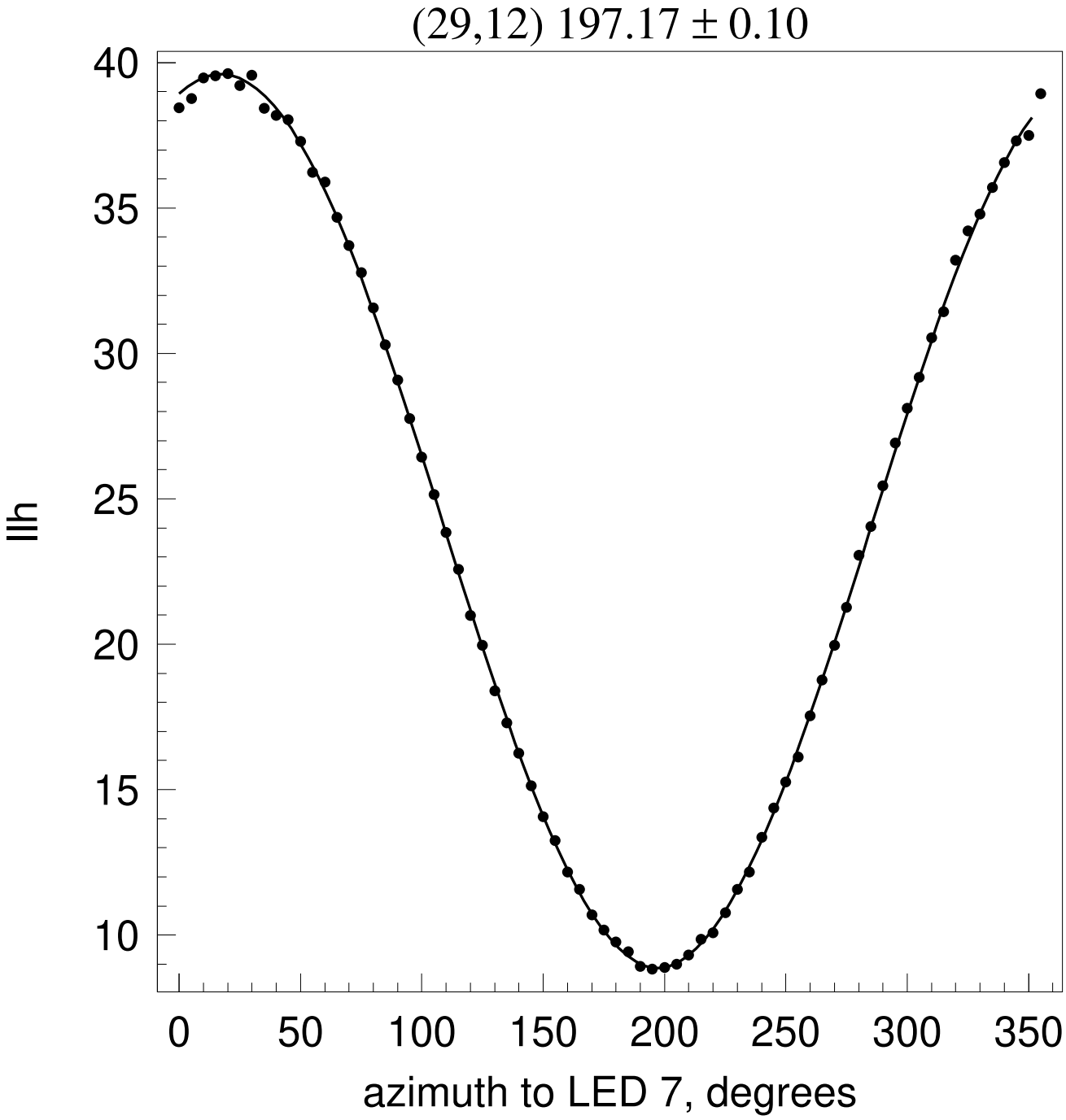

(29,7) 341.67 ± 0.36
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

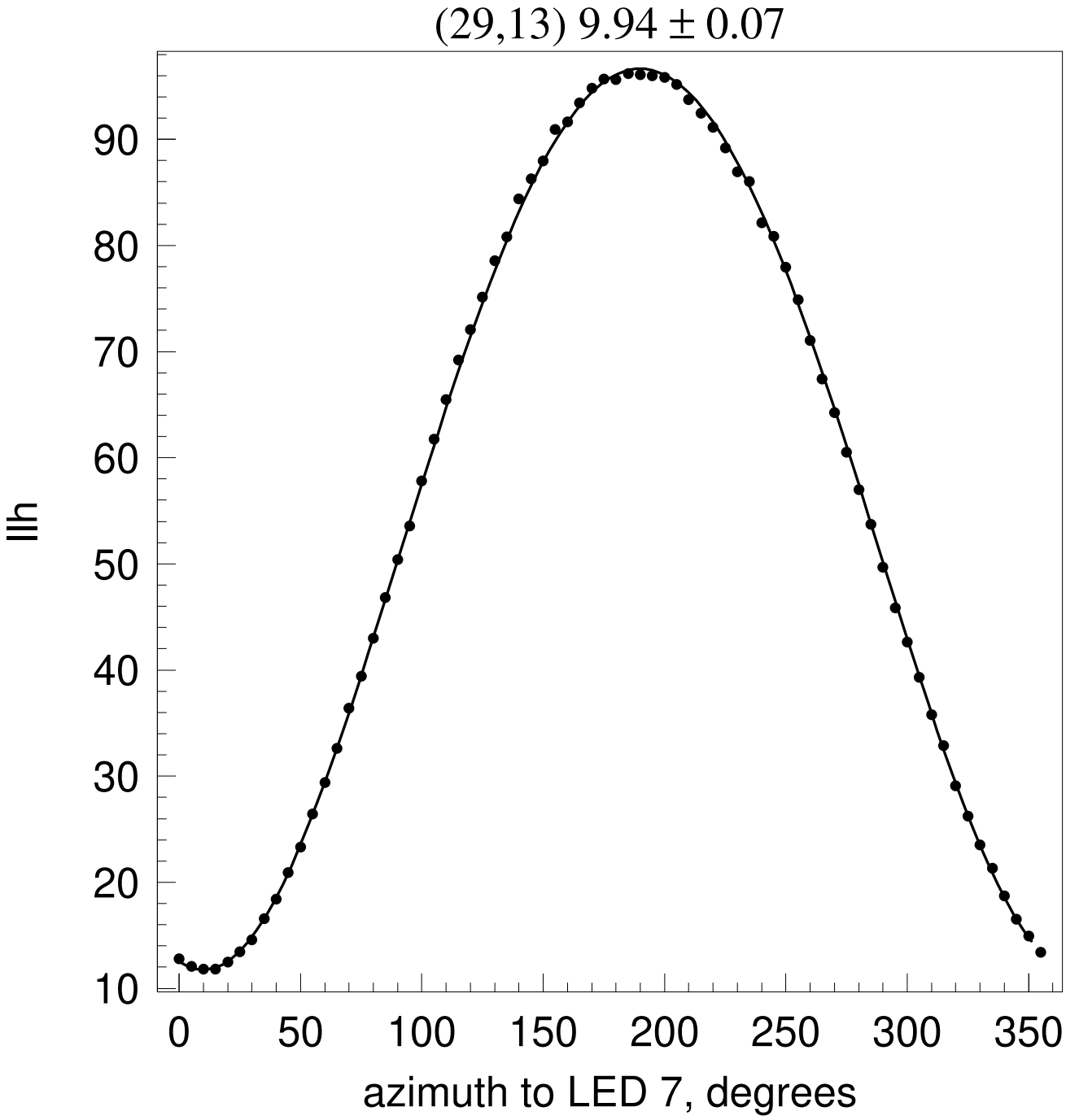

(29,8) 190.70 ± 0.42
26
24
22
20
18
16
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

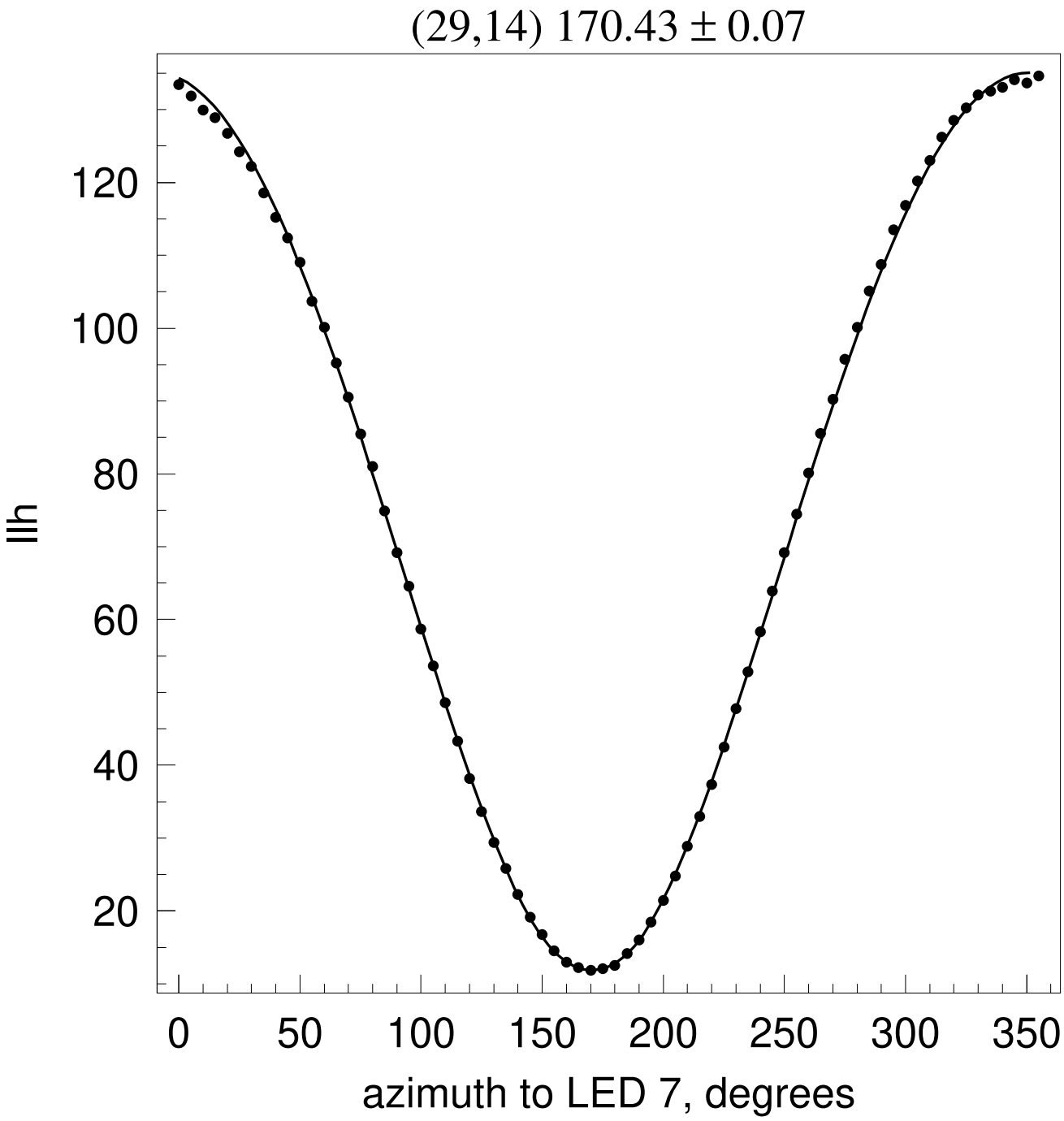

(29,9) 353.65 ± 0.51
23
22
21
20
19
18
17
16
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

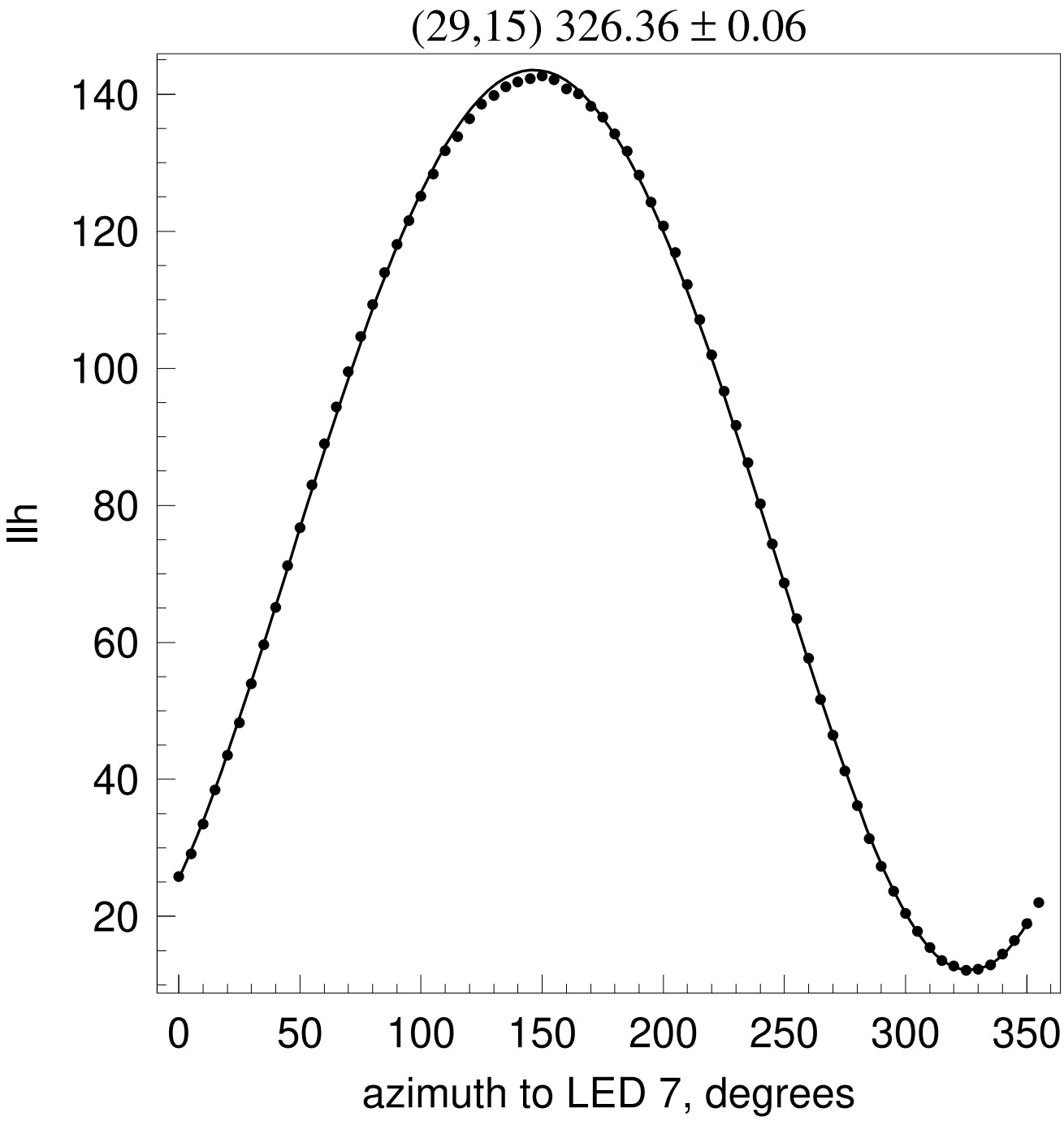

(29,10) 157.96 ± 0.16
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

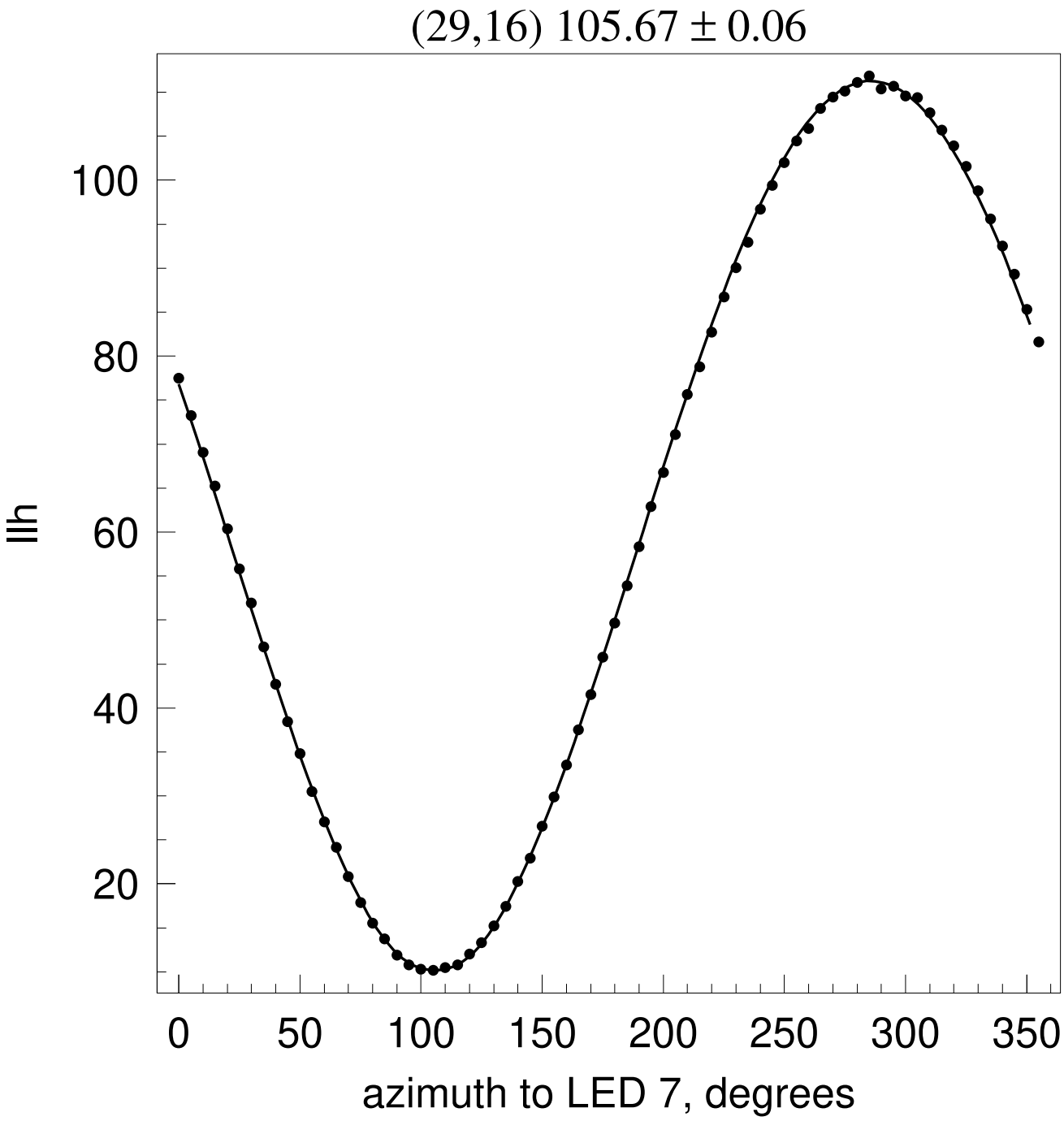

(29,11) 25.78 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

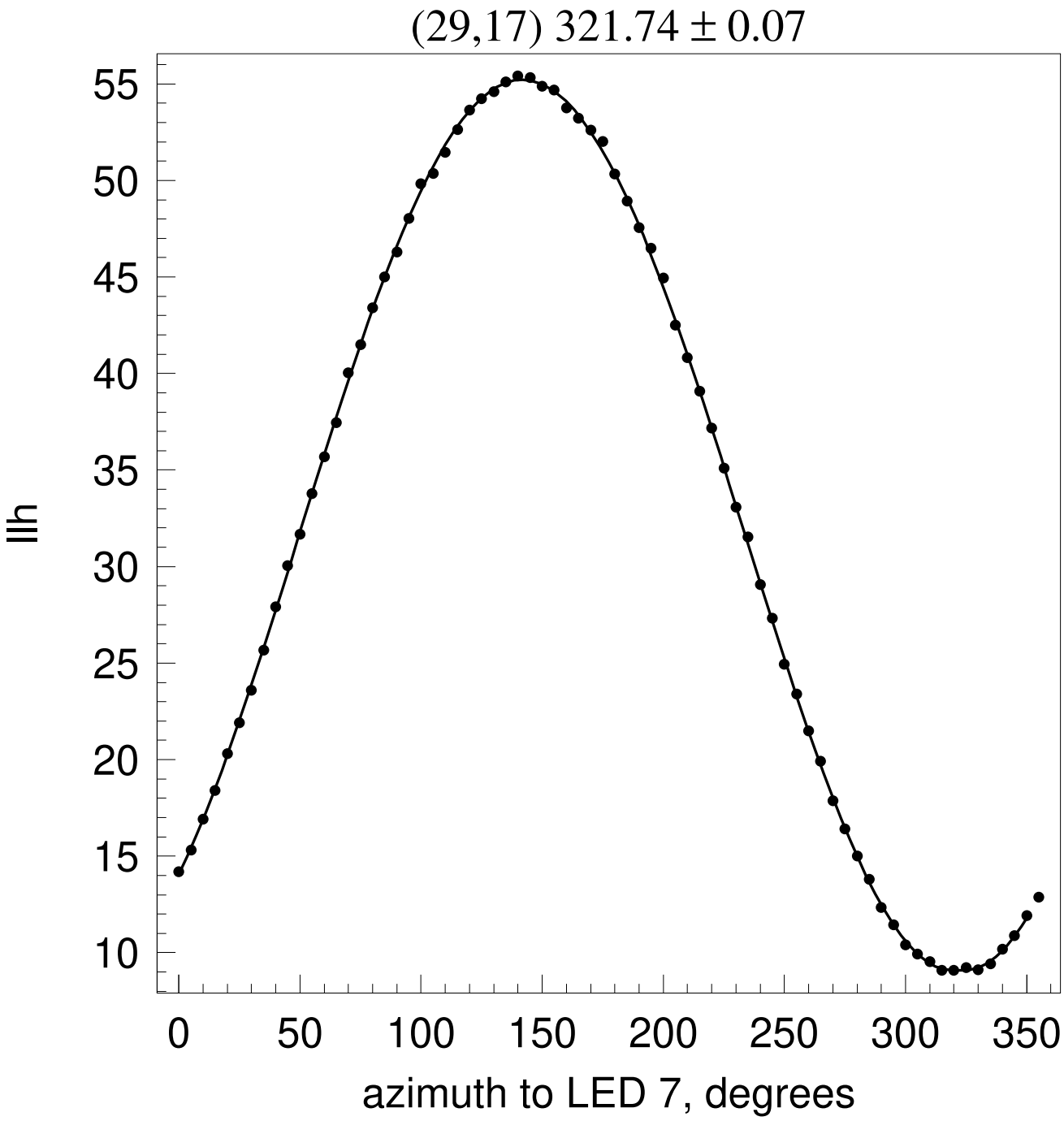

(29,12) 197.17 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

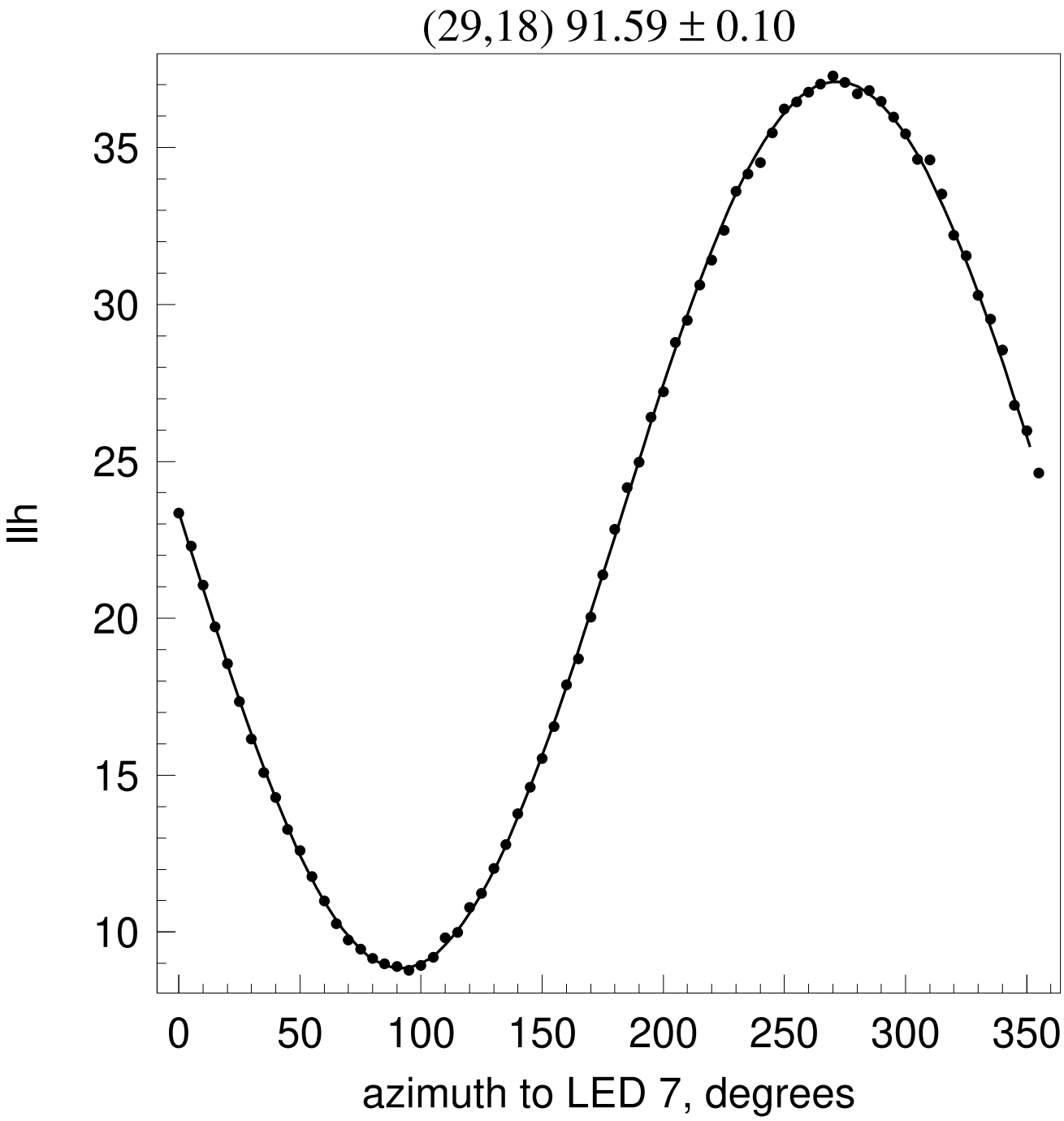

(29,13) 9.94 ± 0.07
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

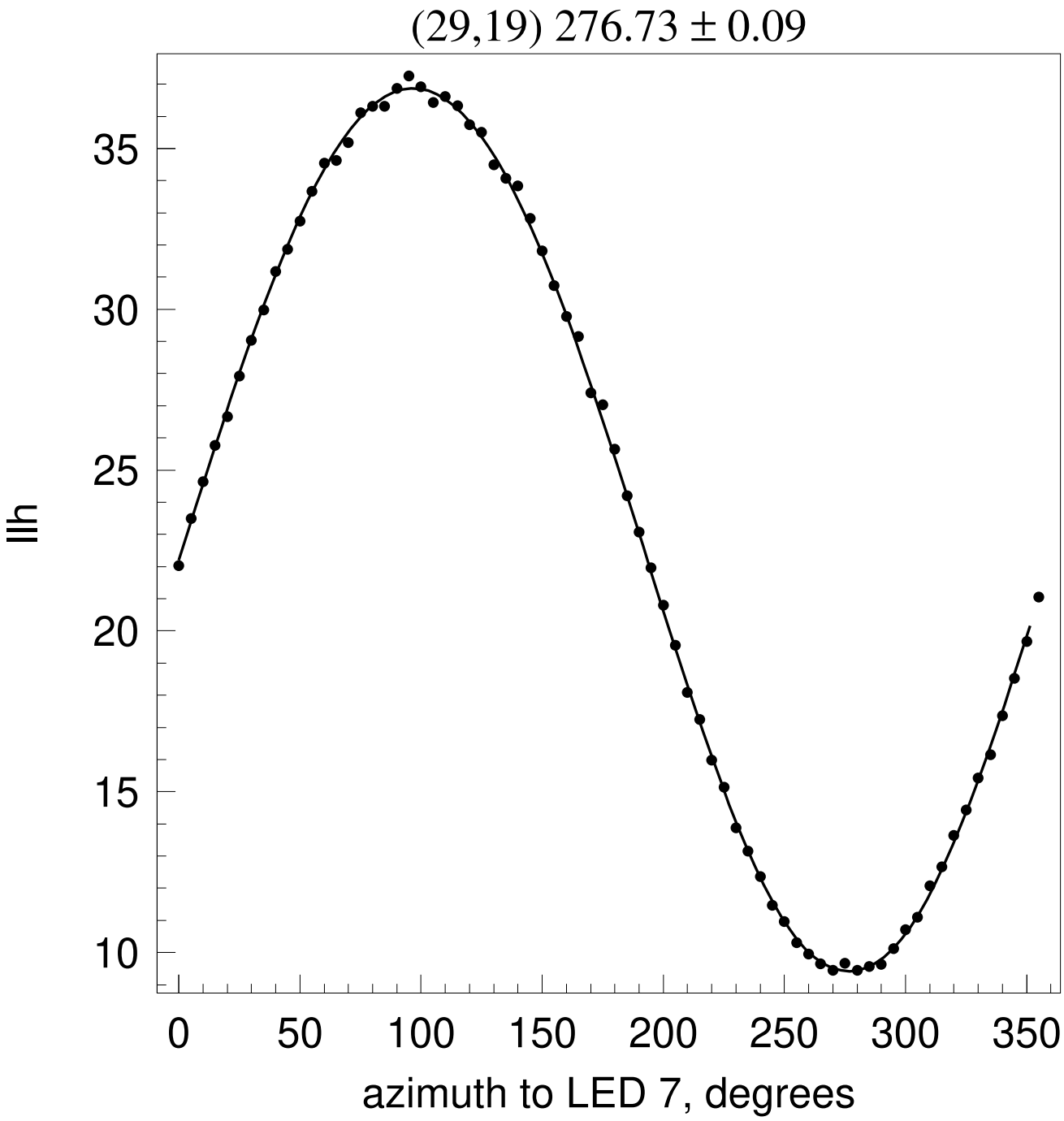

(29,14) 170.43 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

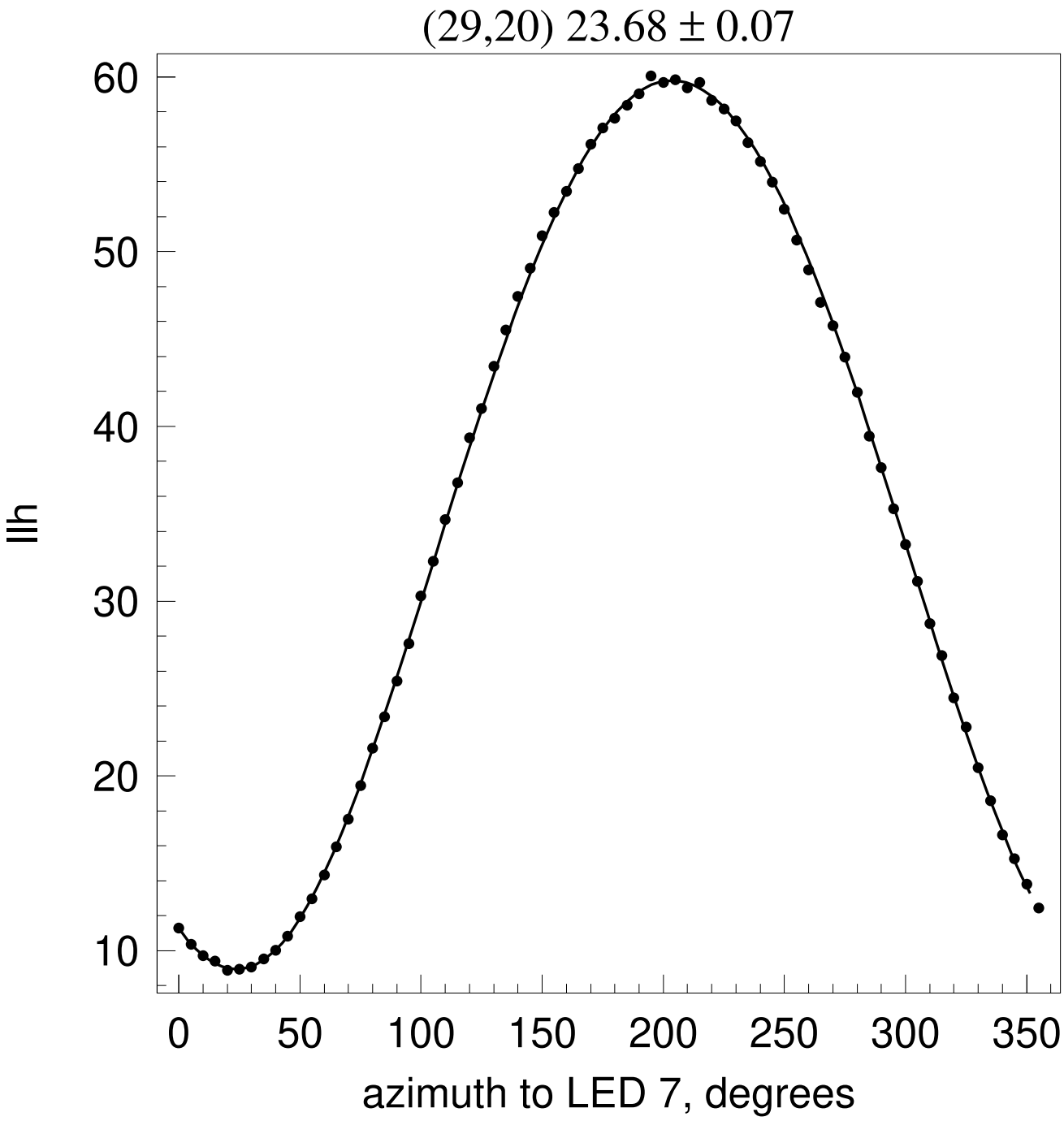

(29,15) 326.36 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

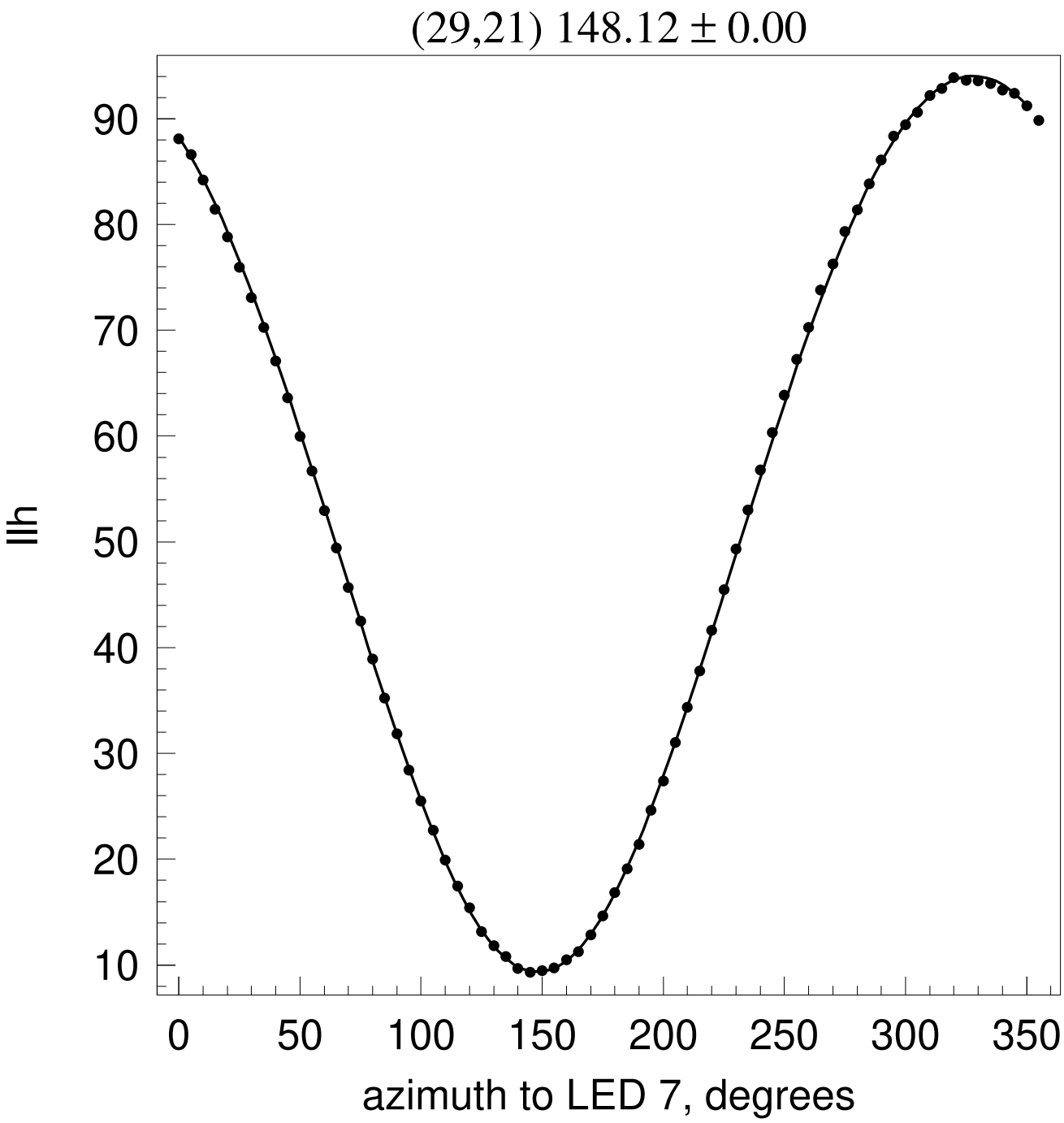

(29,16) 105.67 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

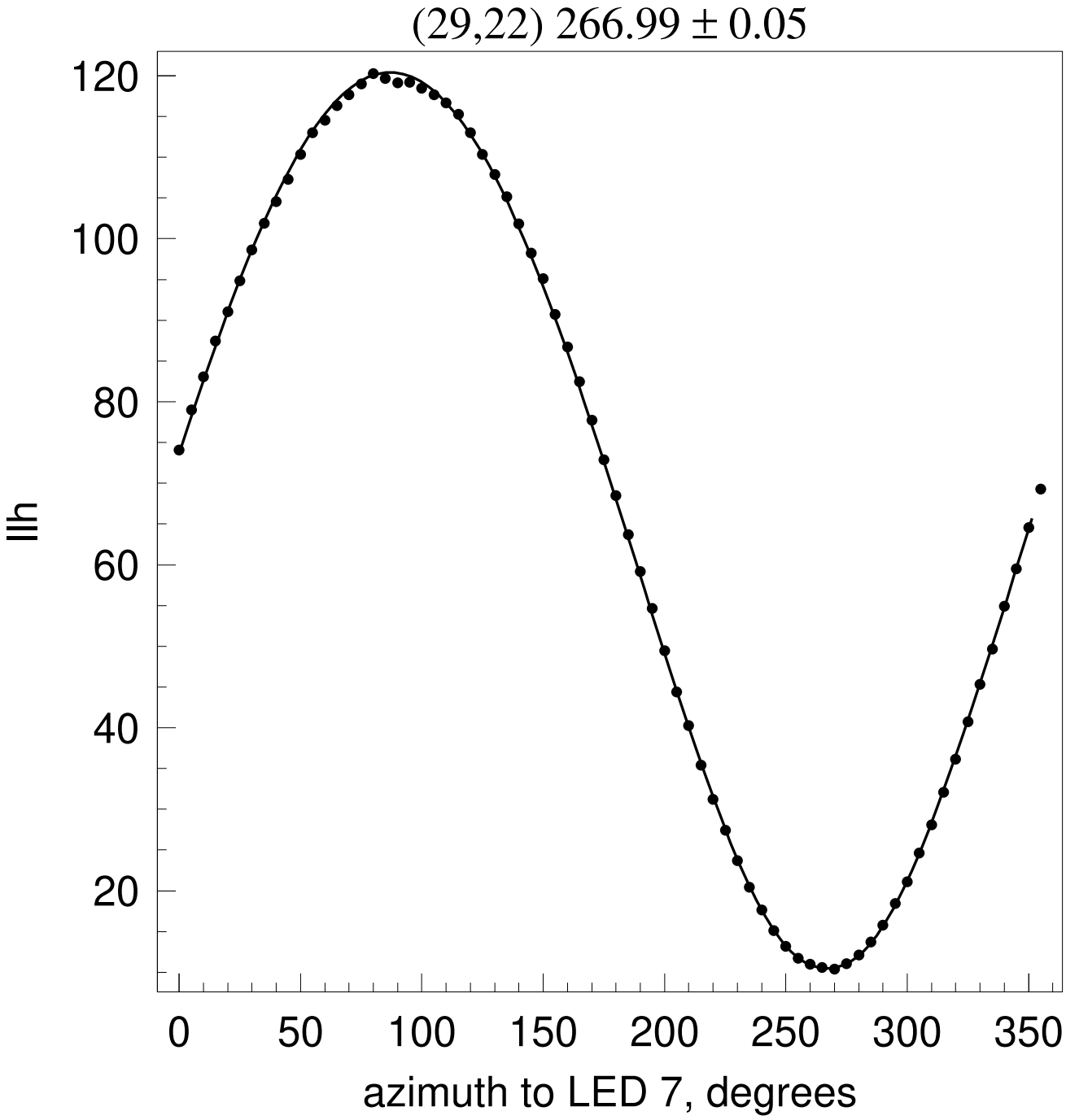

(29,17) 321.74 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

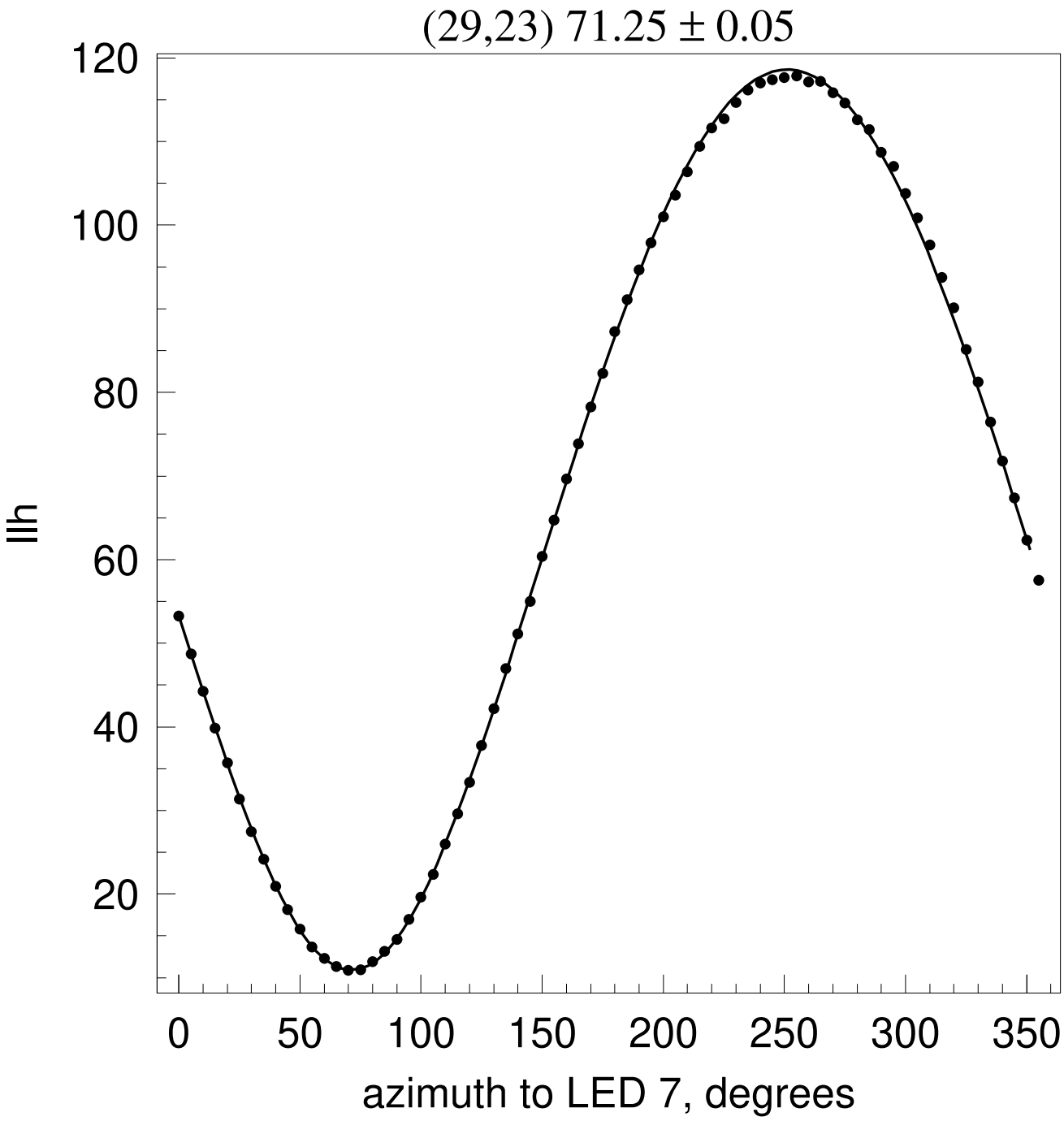

(29,18) 91.59 ± 0.10
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

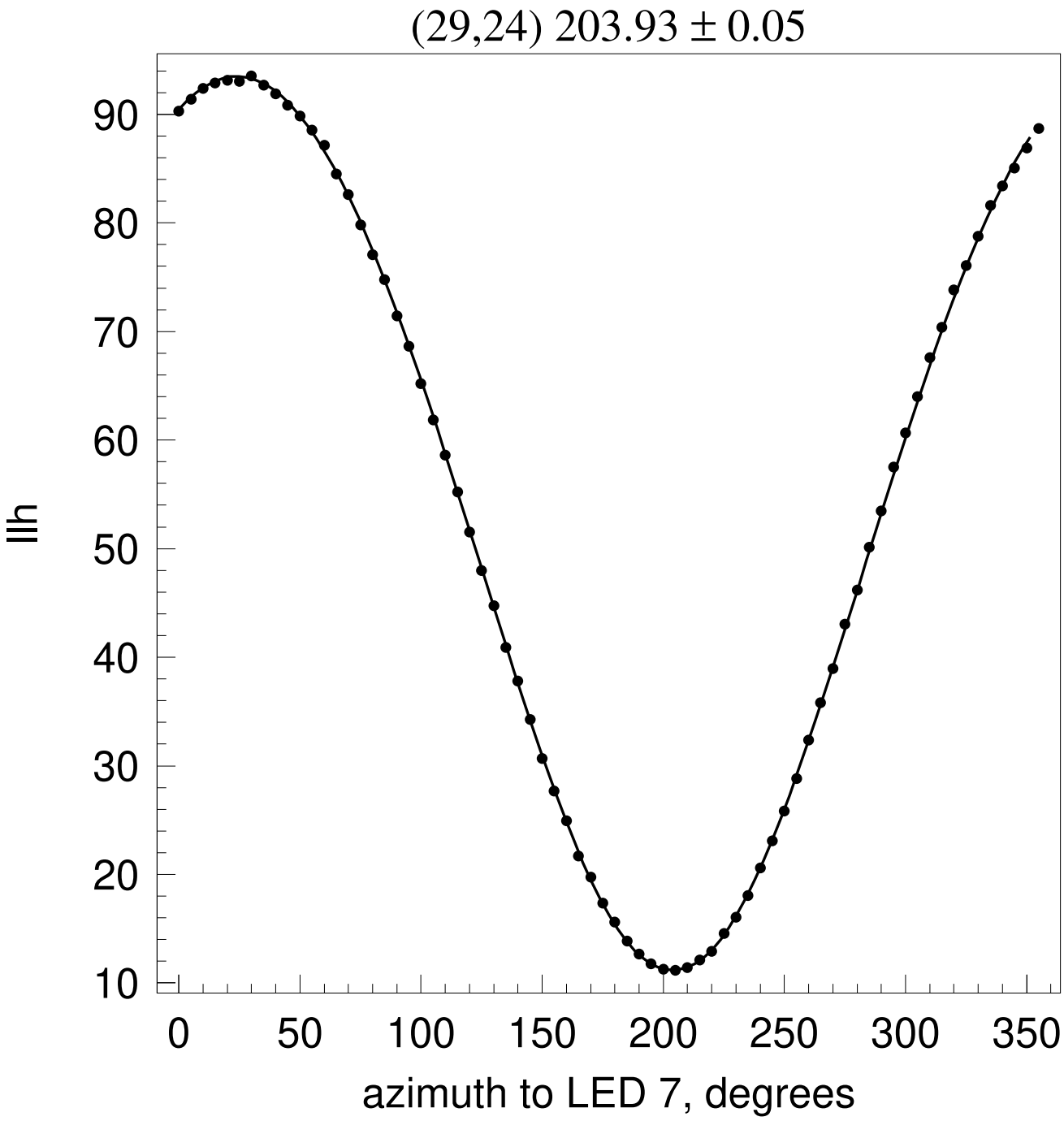

(29,19) 276.73 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

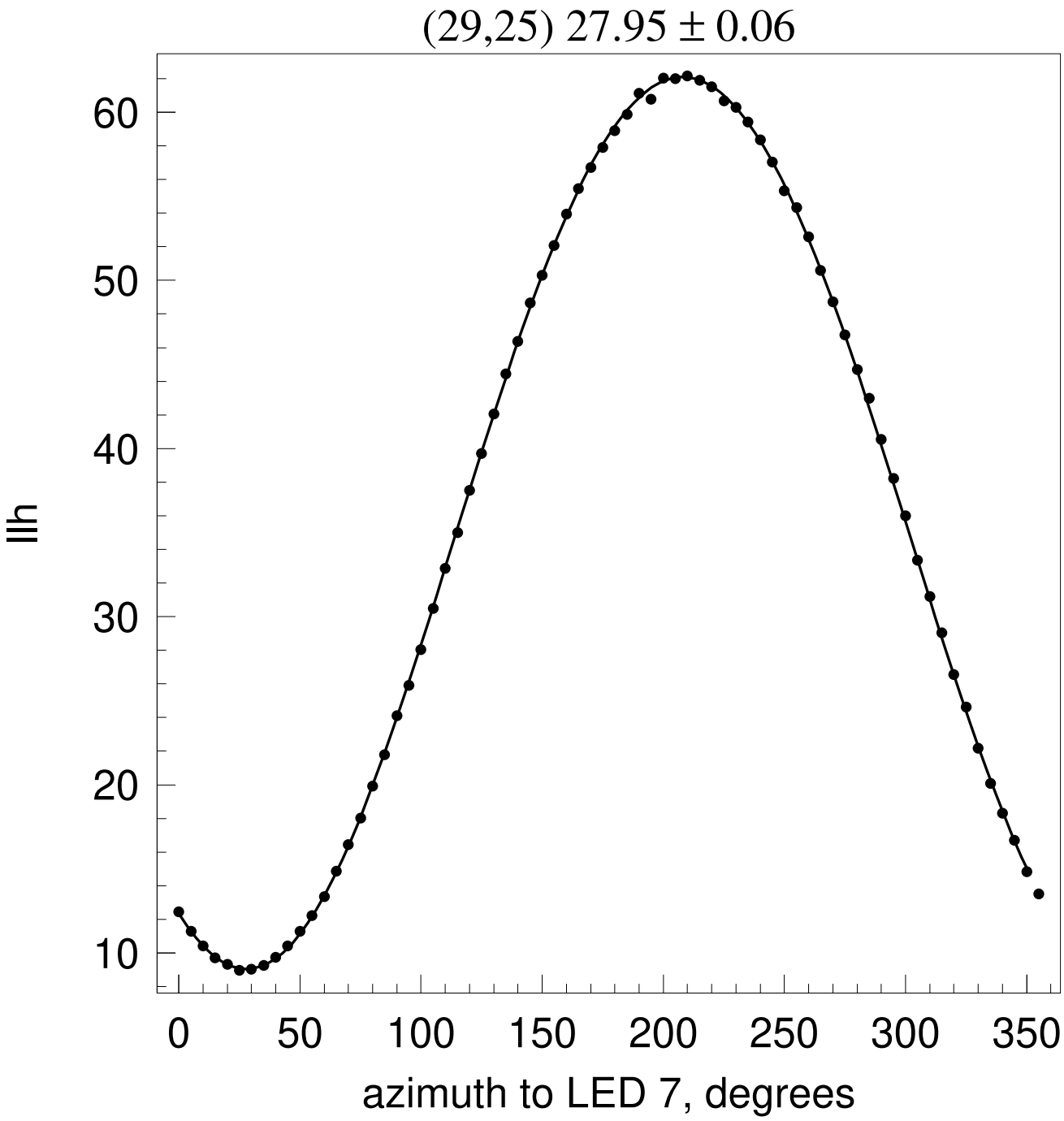

(29,20) 23.68 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

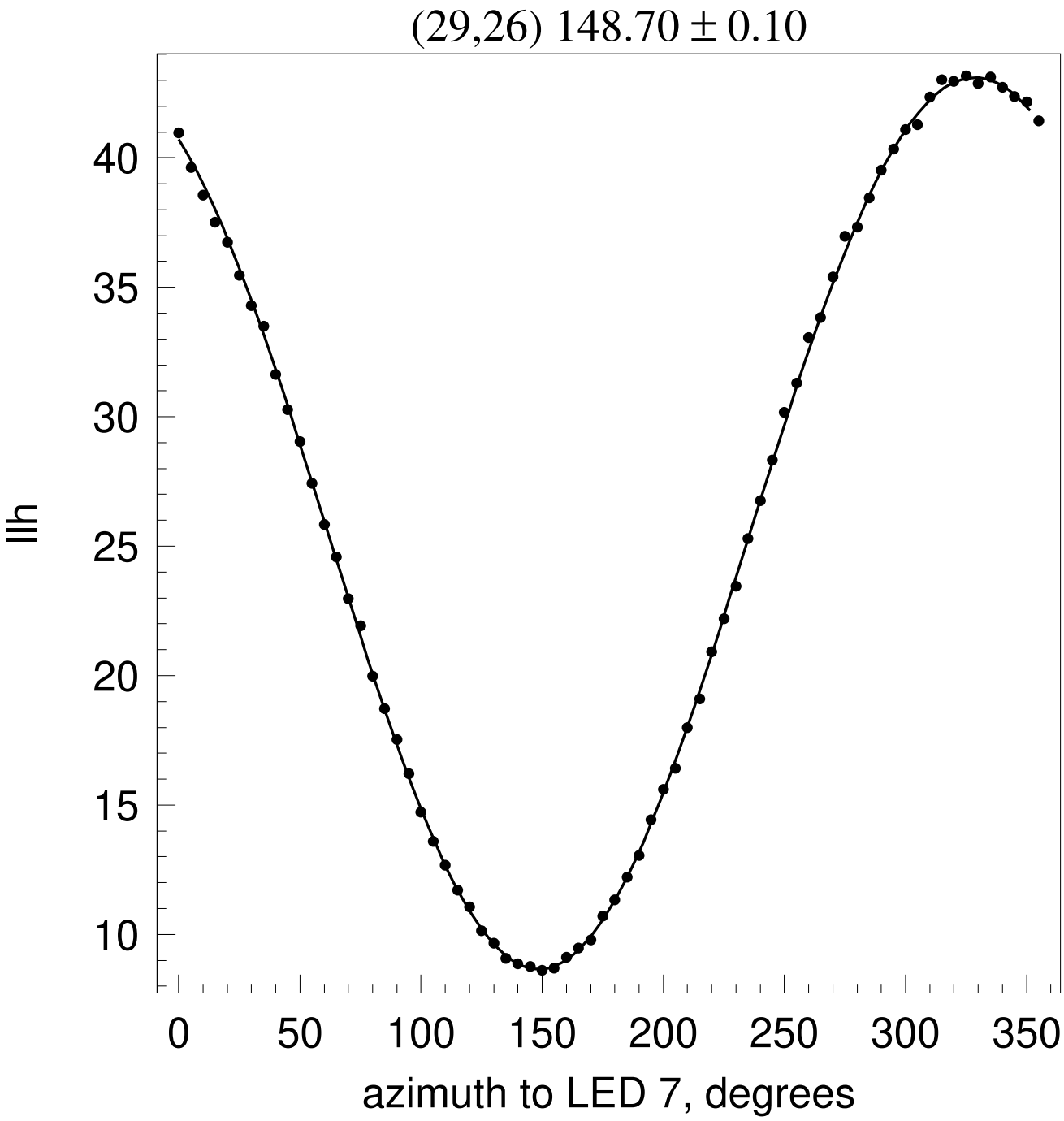

(29,21) 148.12 ± 0.00
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

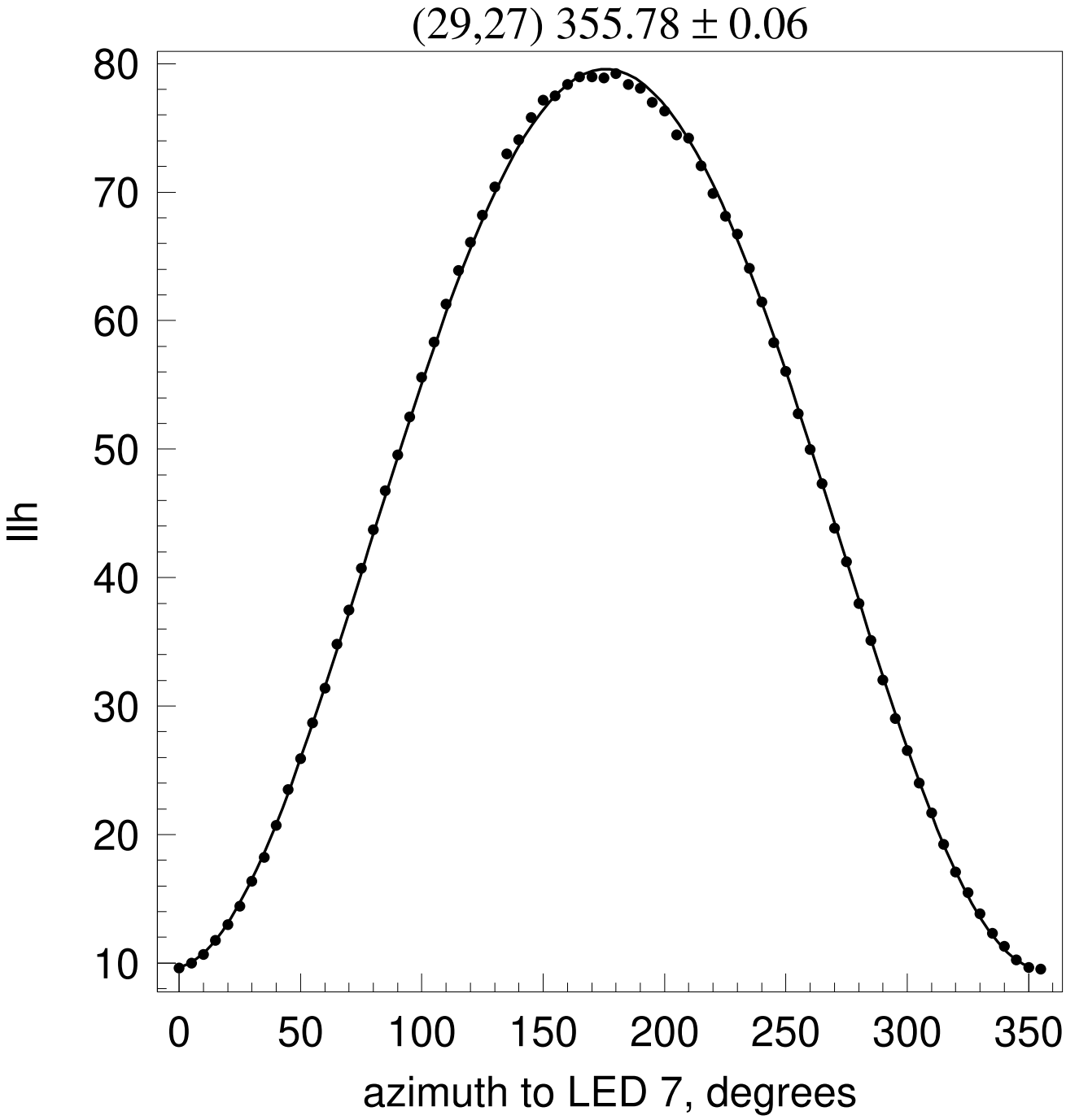

(29,22) 266.99 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

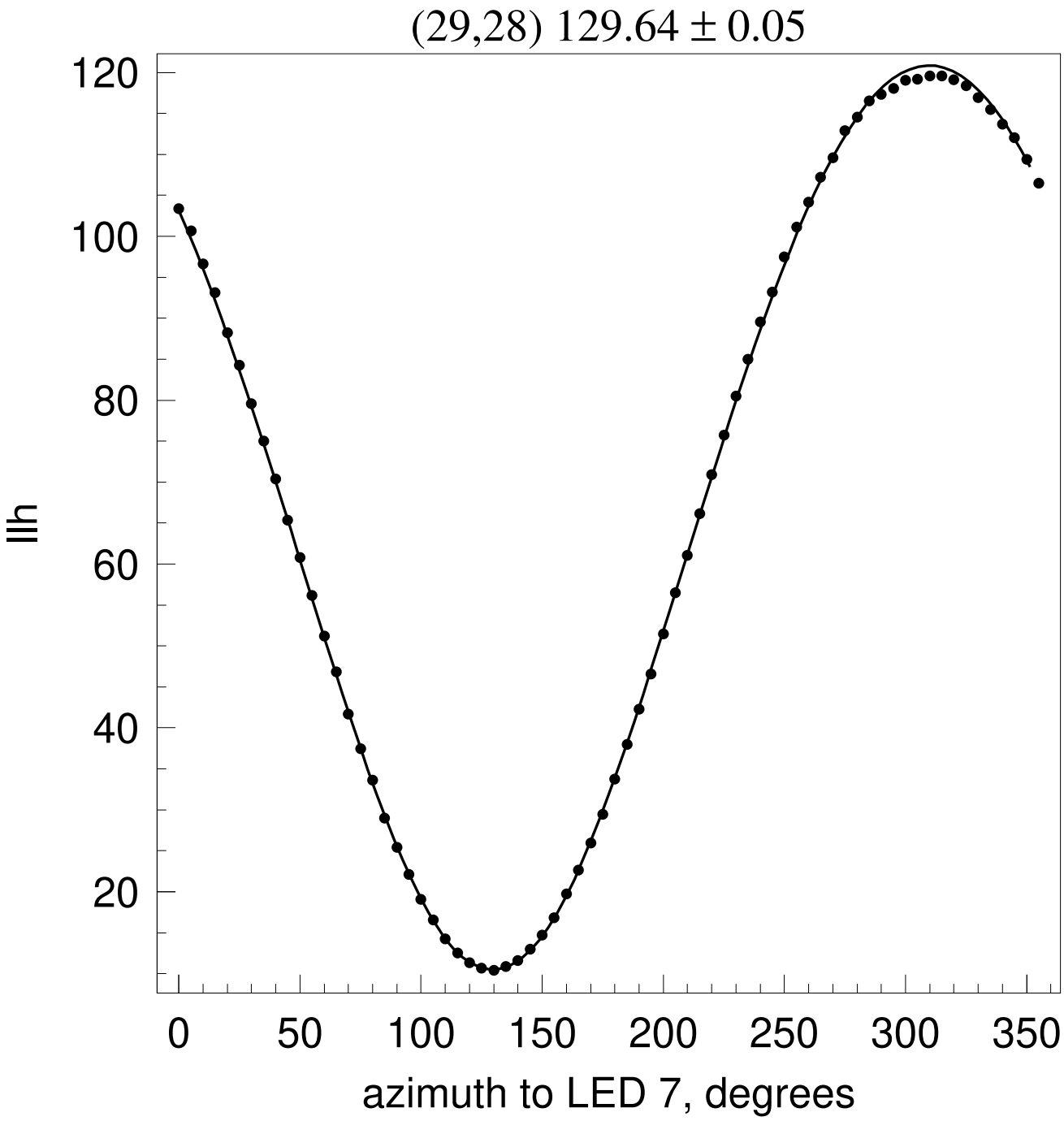

(29,23) 71.25 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

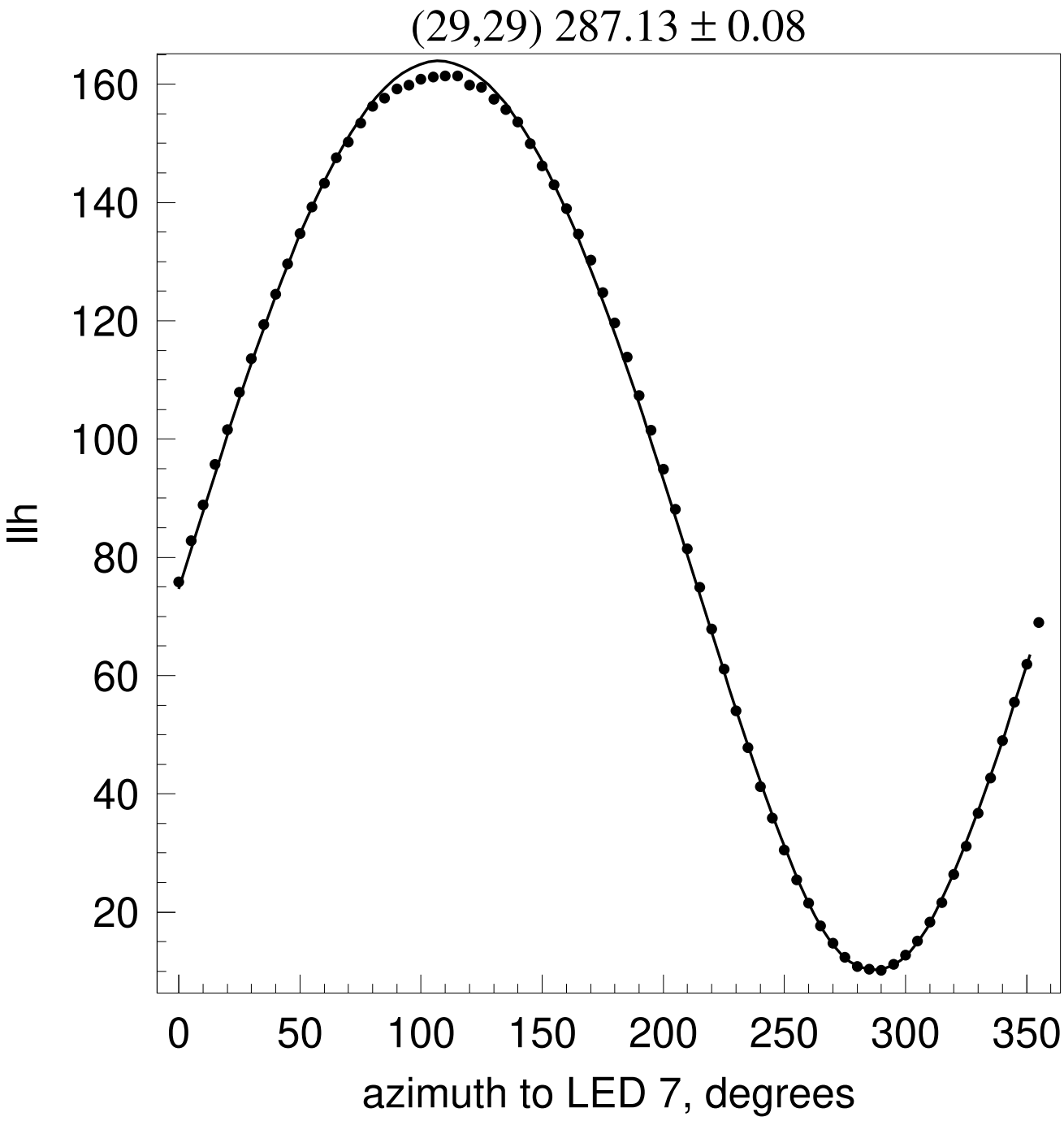

(29,24) 203.93 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

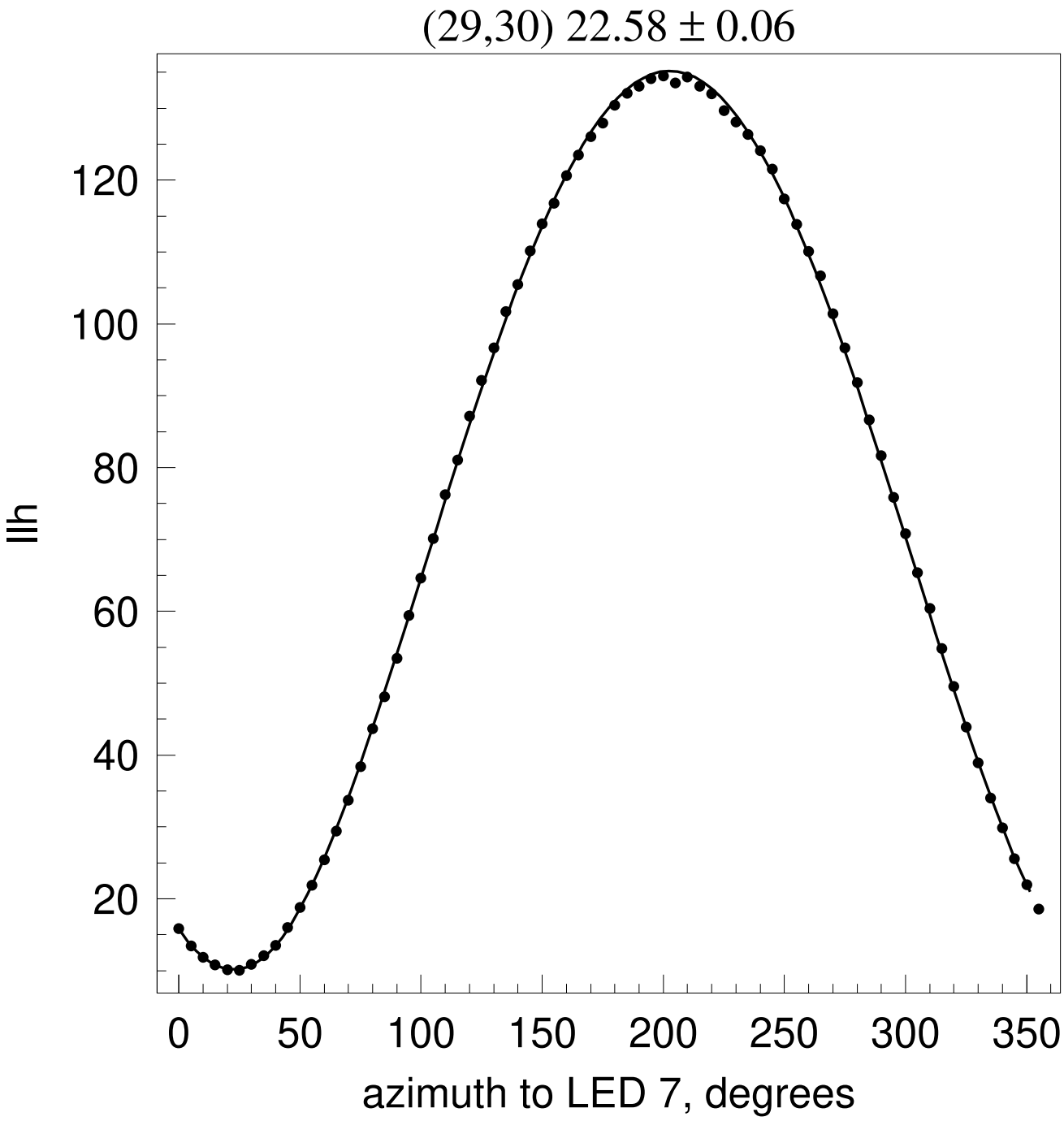

(29,25) 27.95 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

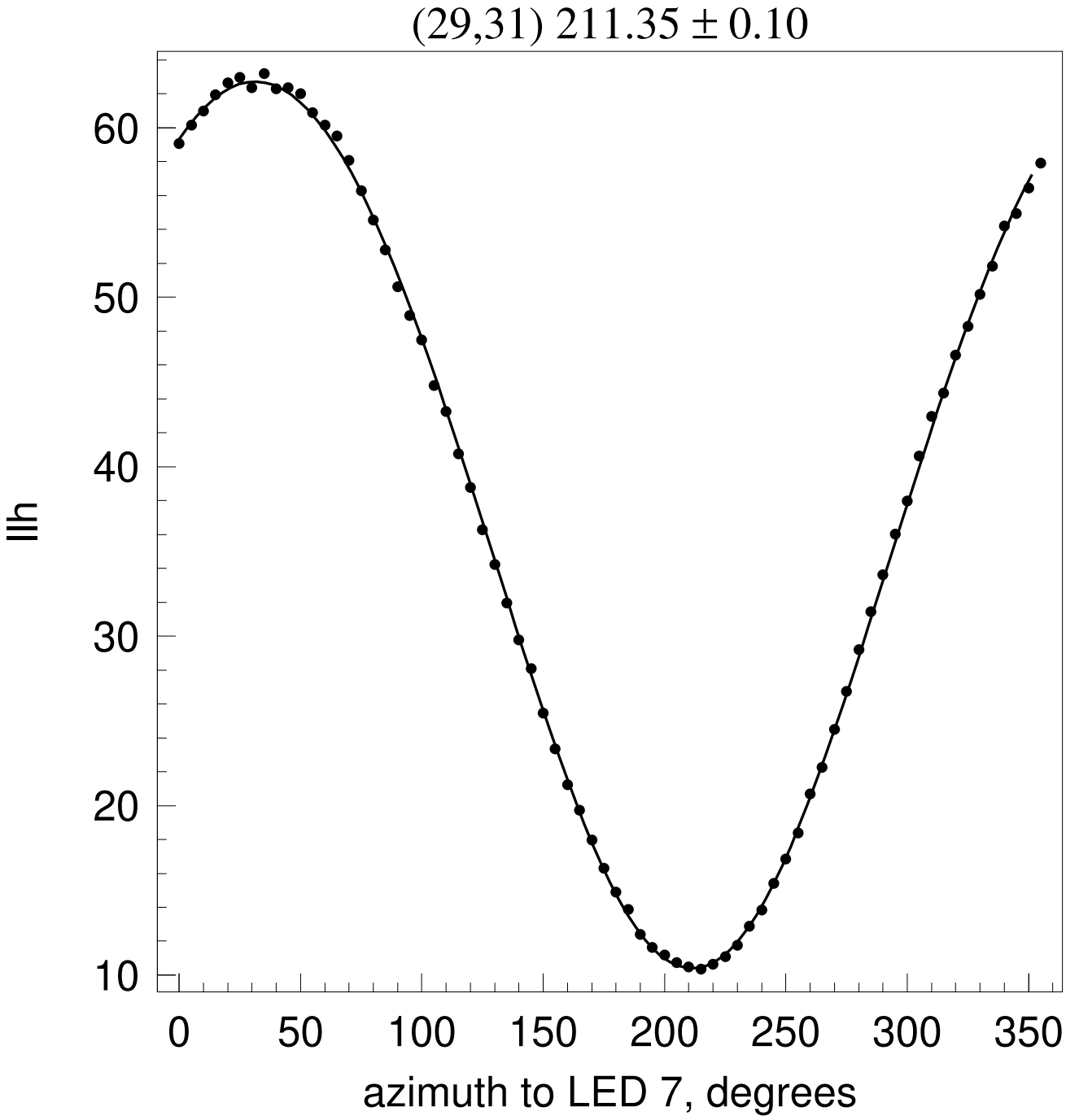

(29,26) 148.70 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

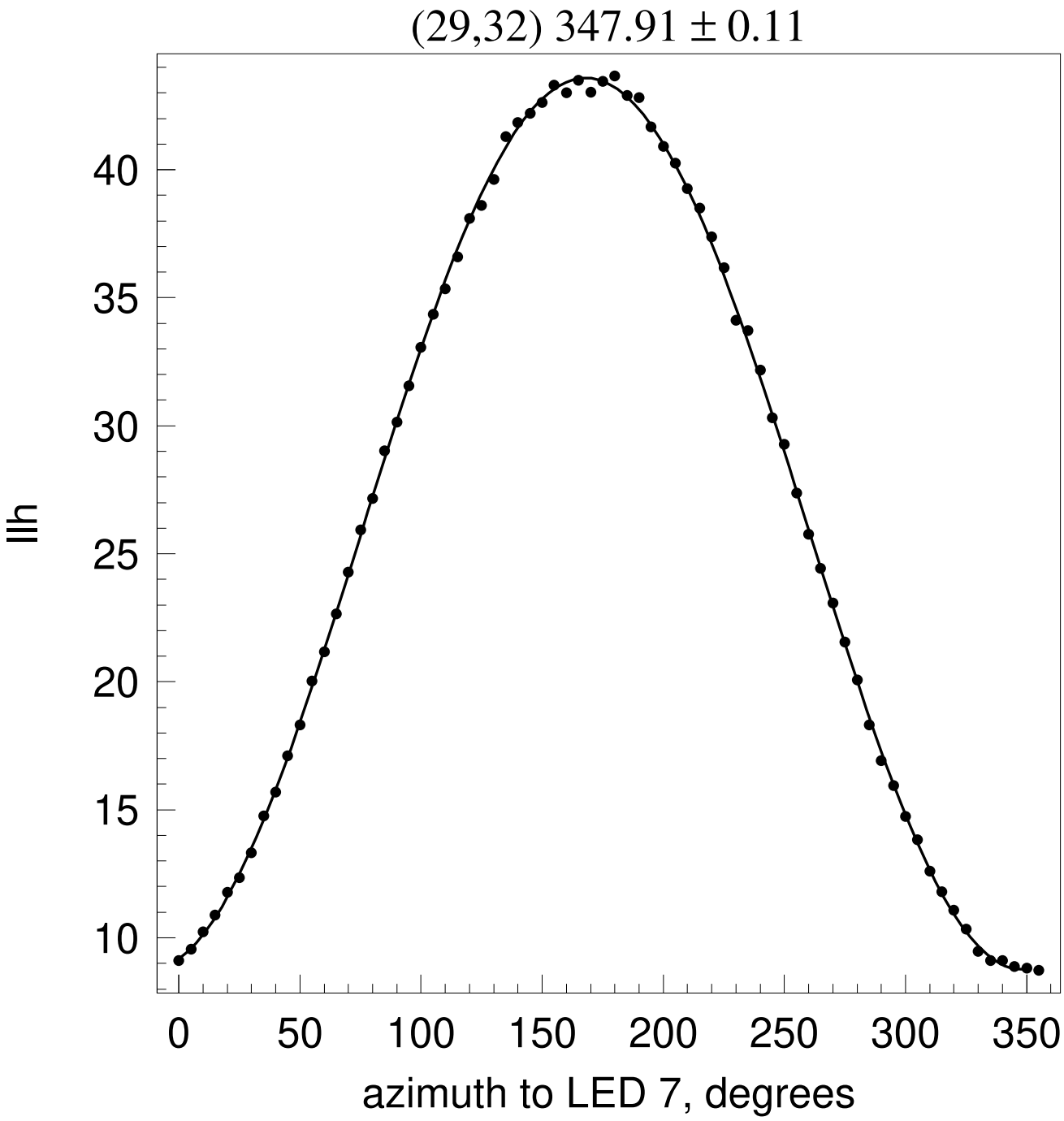

(29,27) 355.78 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

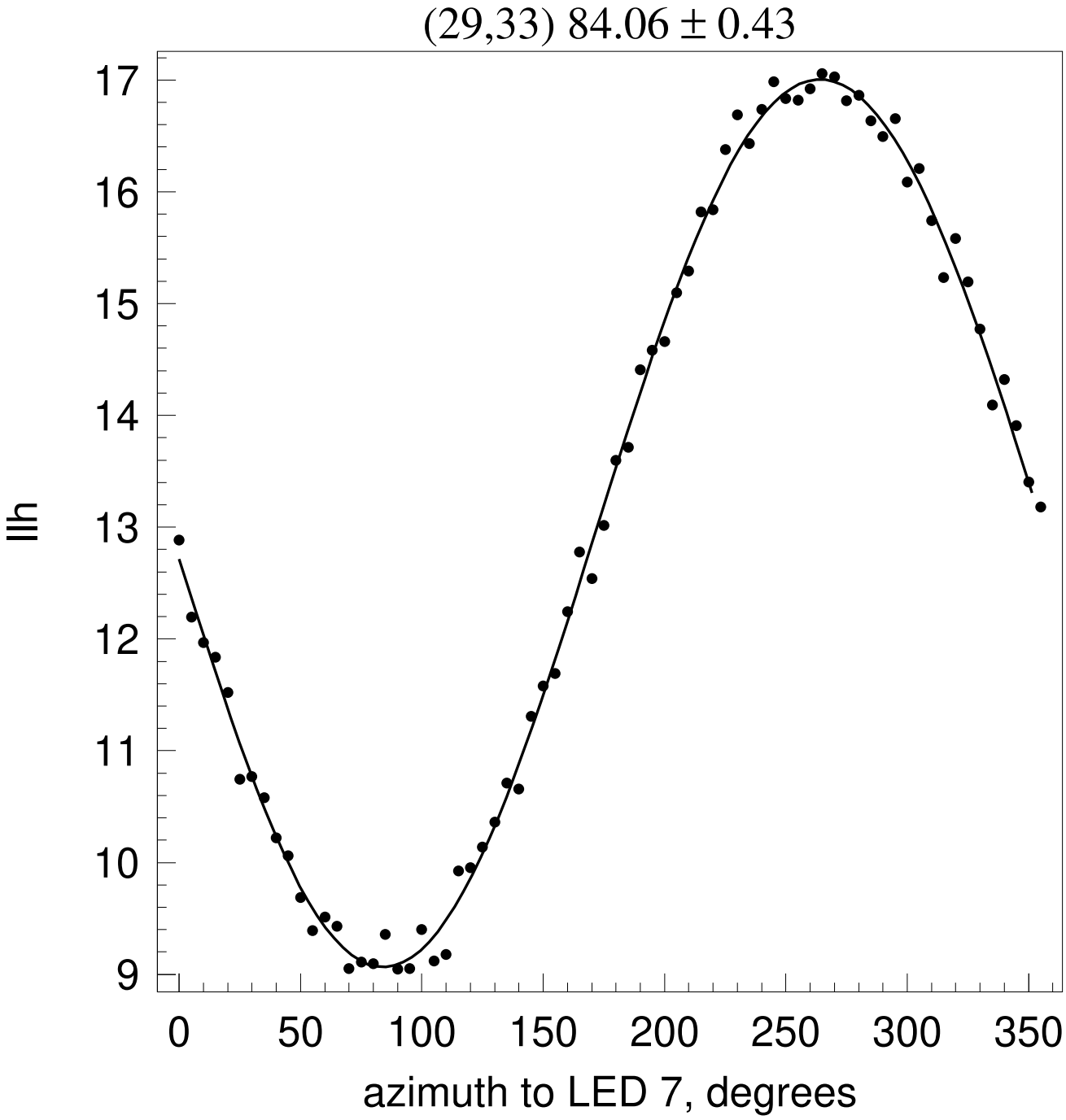

(29,28) 129.64 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

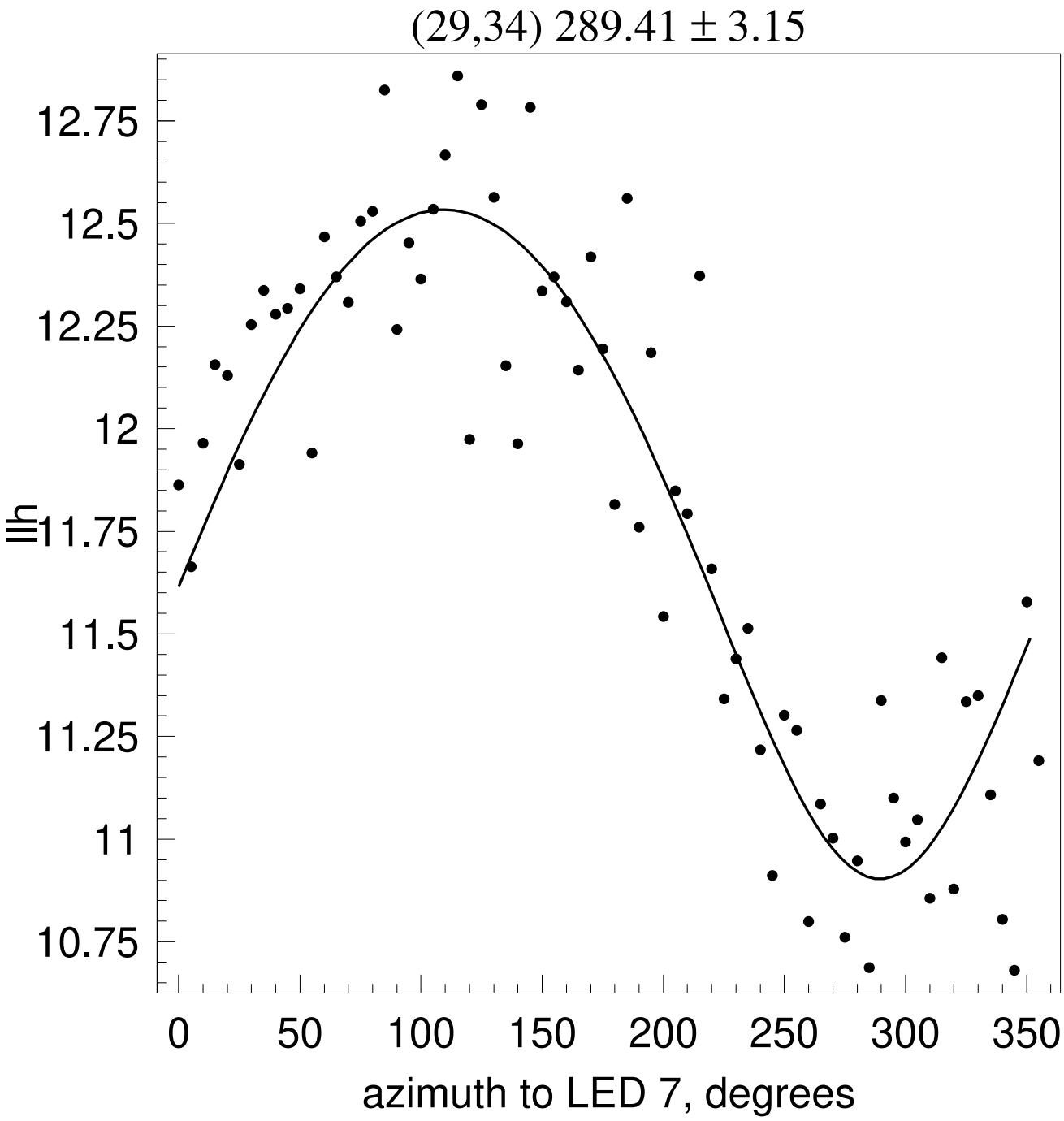

(29,29) 287.13 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

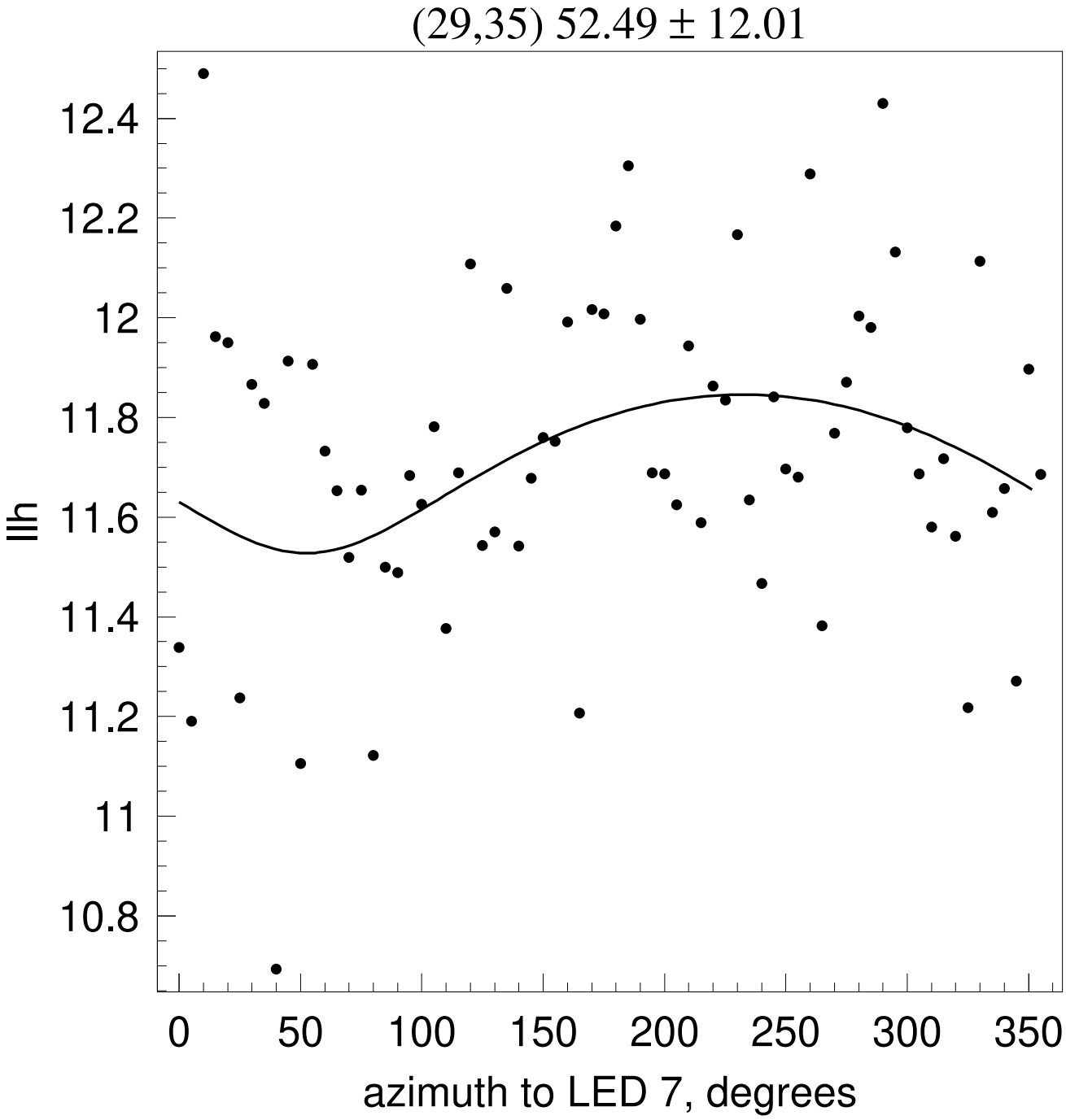

(29,30) 22.58 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

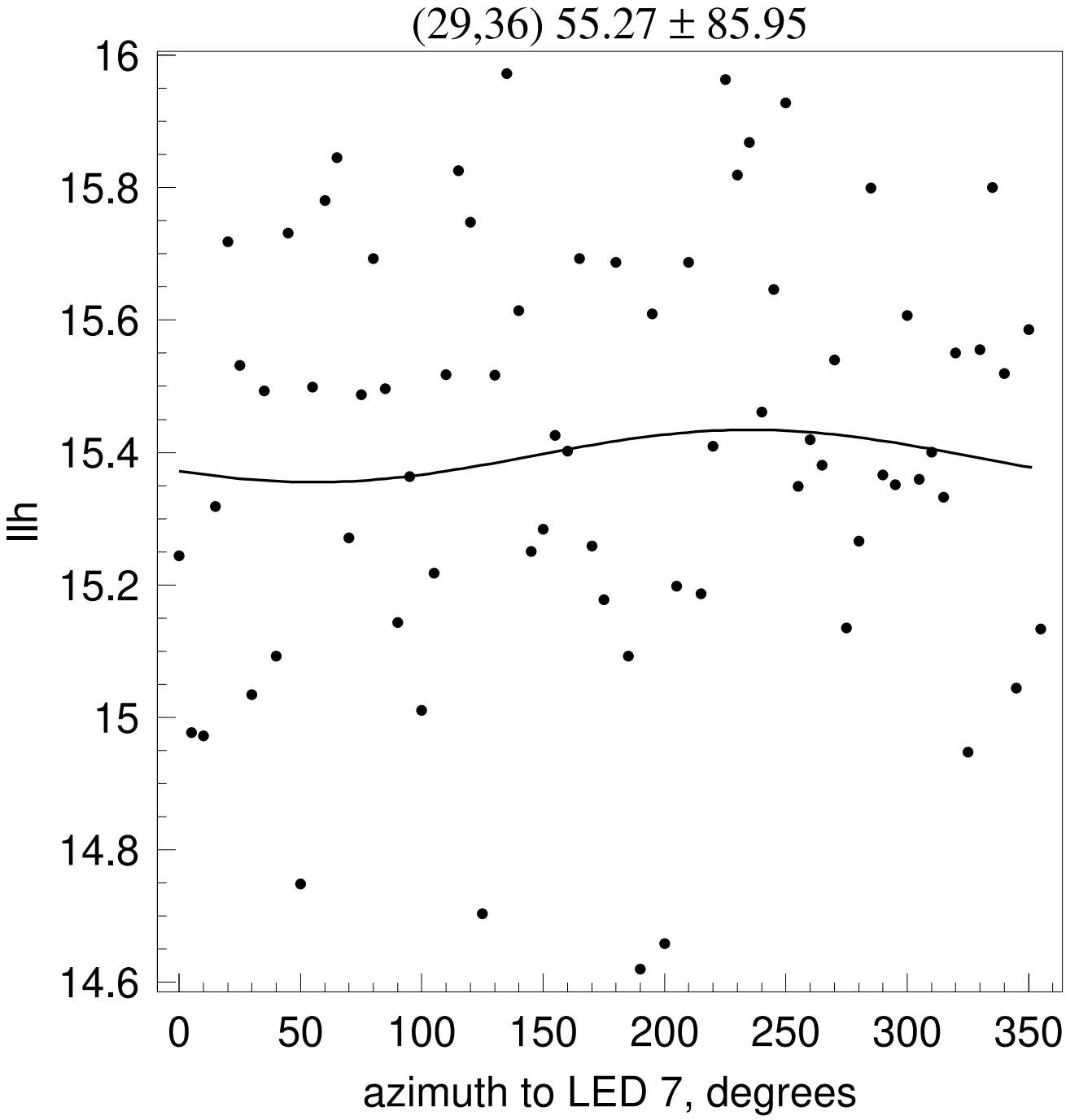

(29,31) 211.35 ± 0.10
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

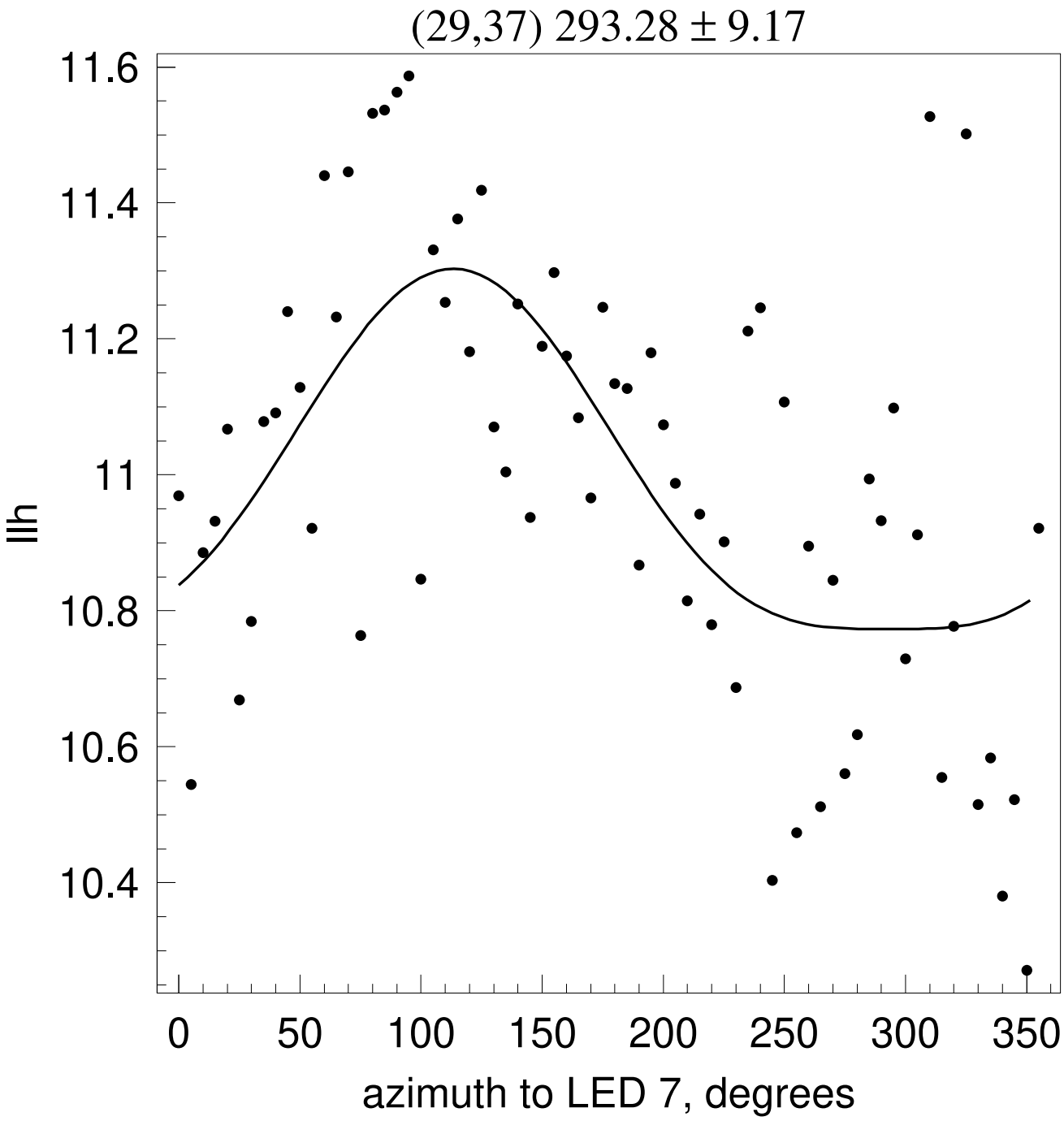

(29,32) 347.91 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

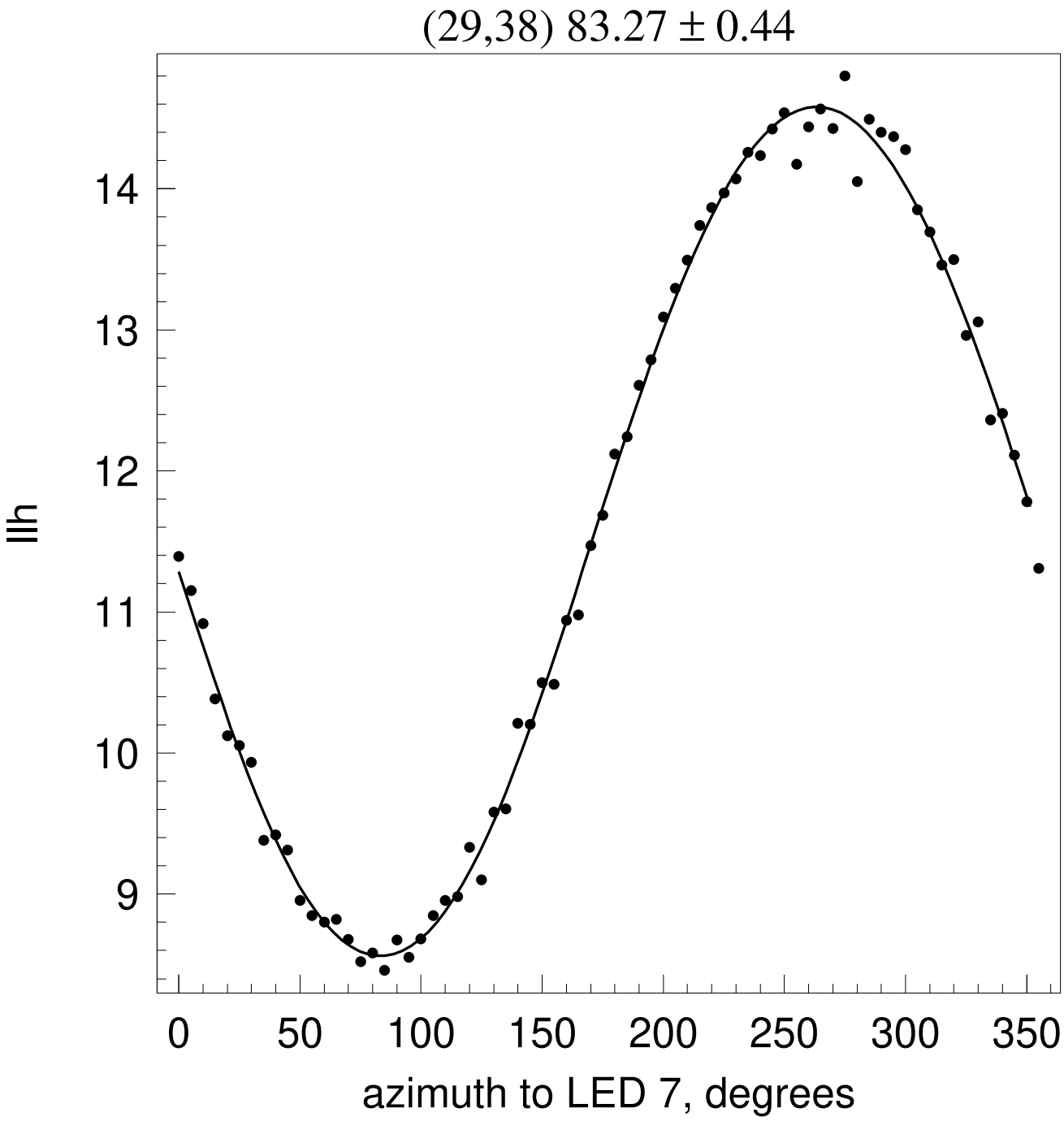

(29,33) 84.06 ± 0.43
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

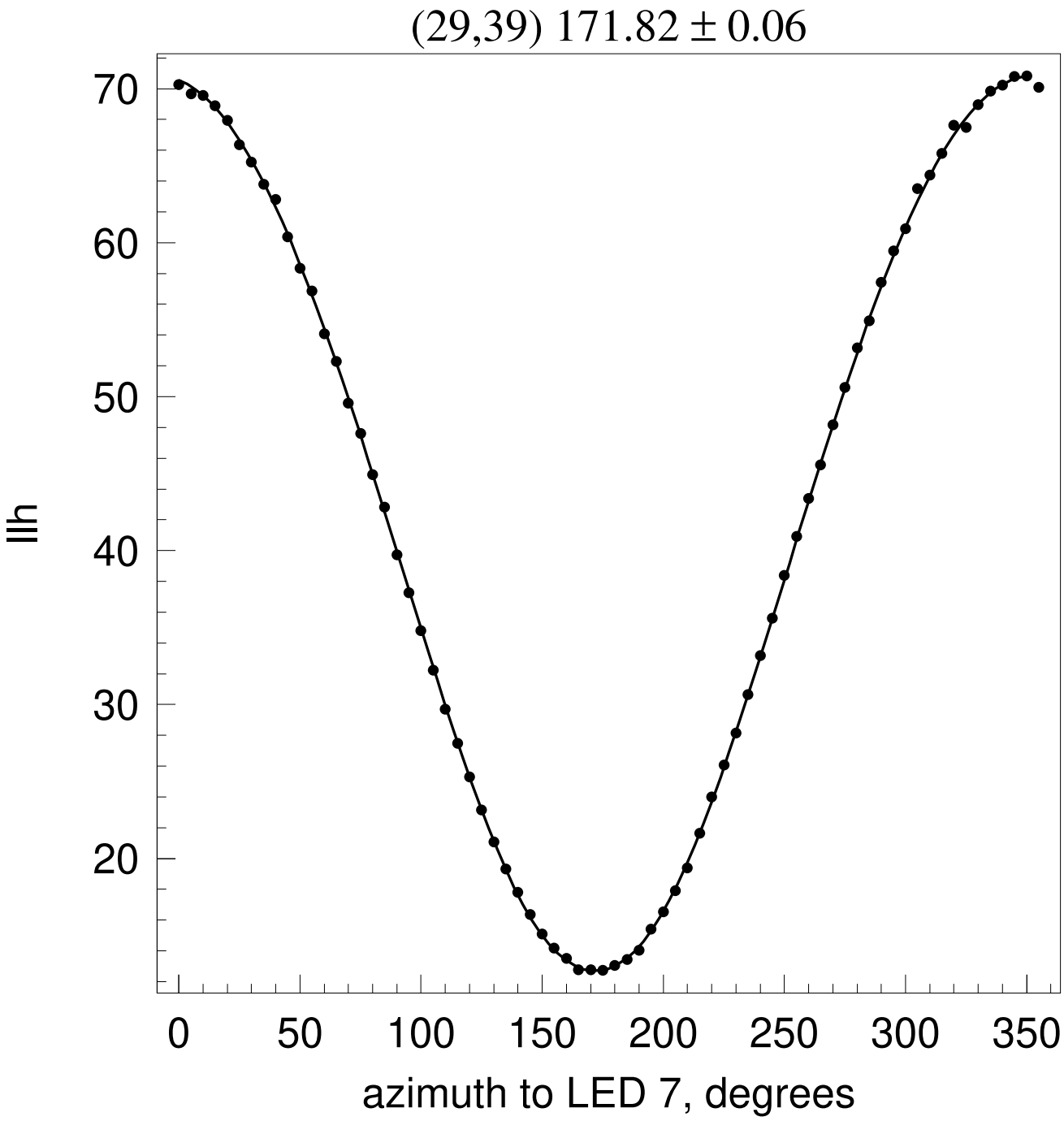

(29,34) 289.41 ± 3.15
12.75
12.5
12.25
12
11.75
11.5
11.25
11
10.75
μs
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

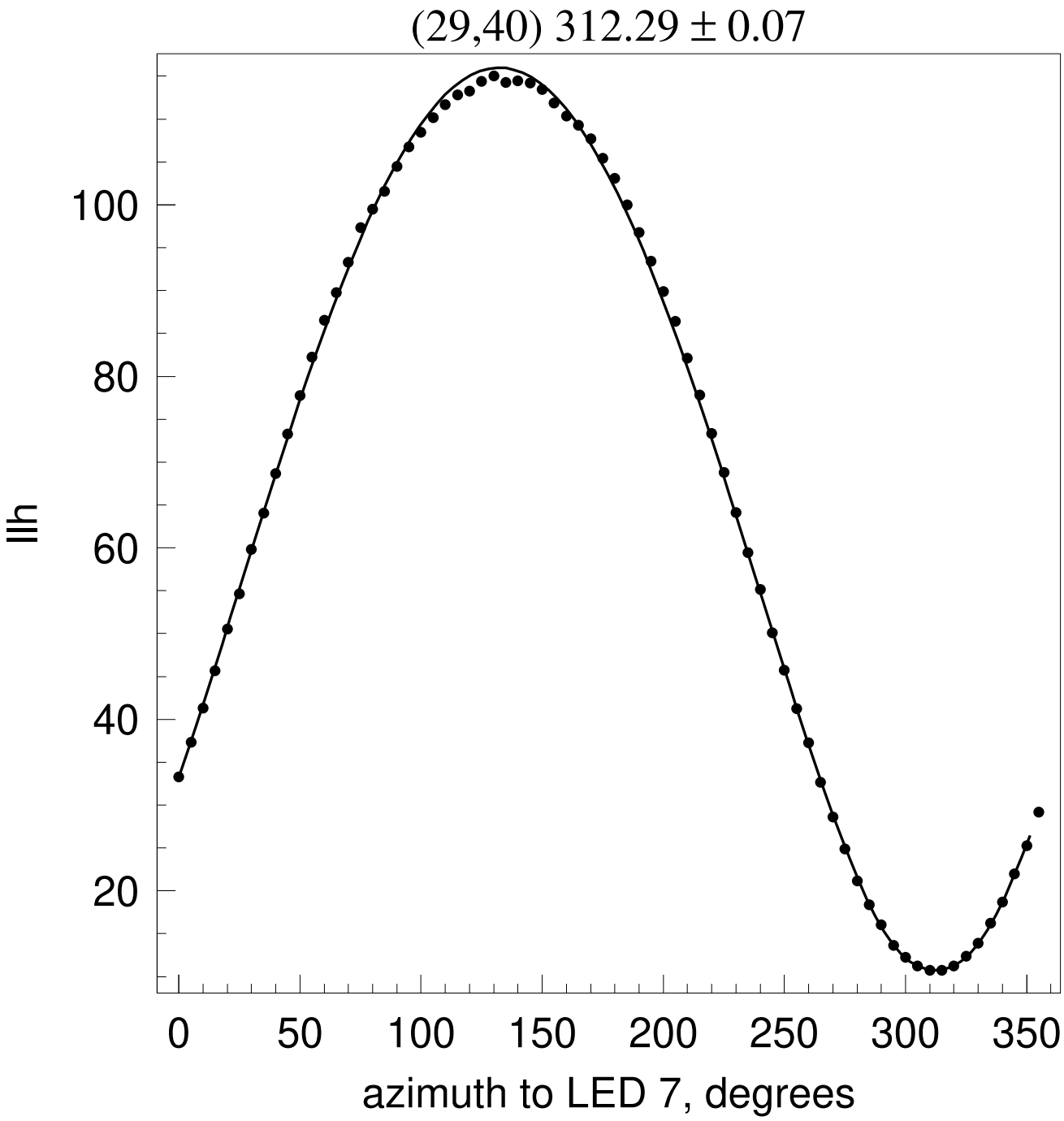

(29,35) 52.49 ± 12.01
12.4
12.2
12
11.8
11.6
11.4
11.2
11
10.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

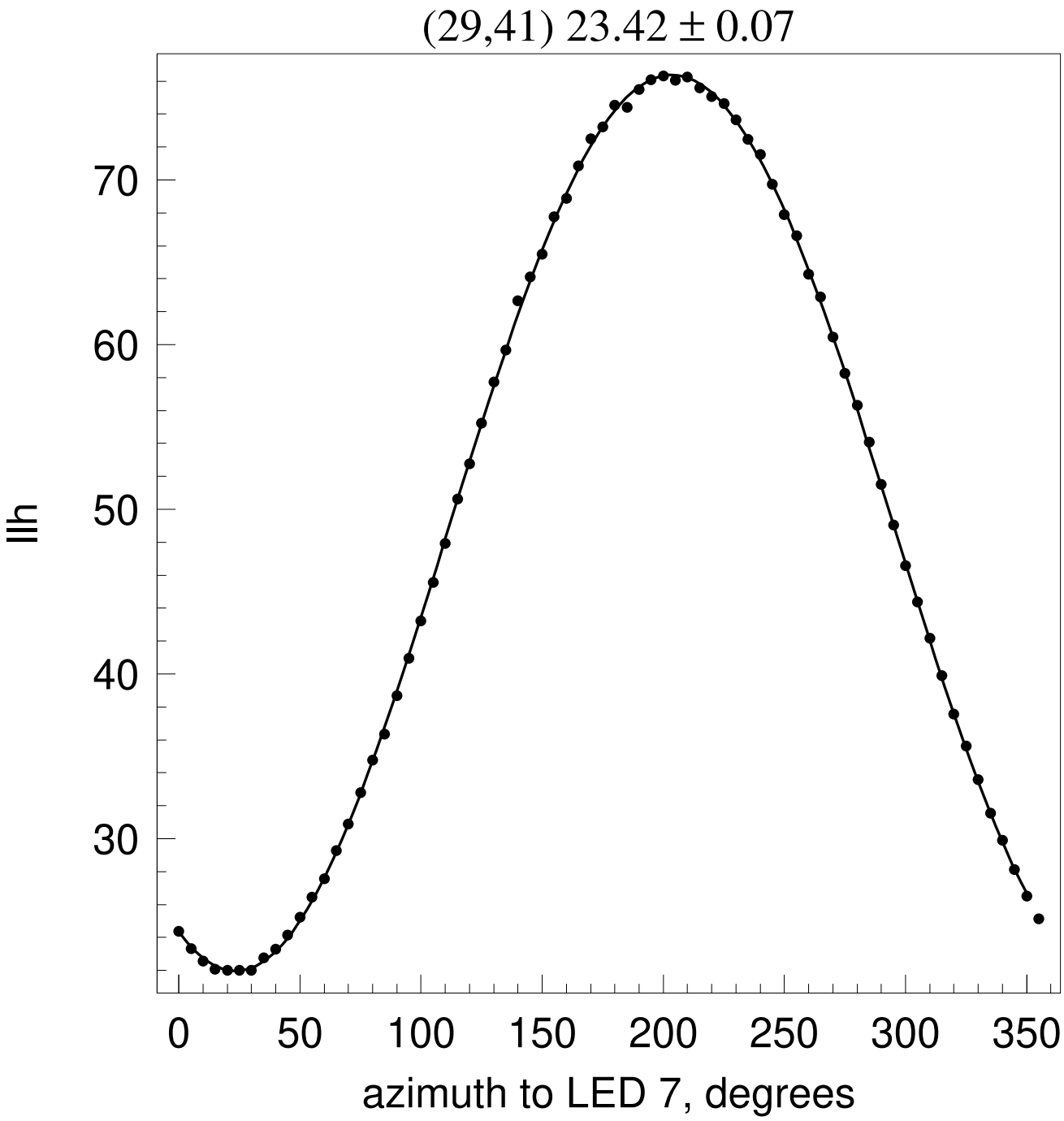

(29,36) 55.27 ± 85.95
16
15.8
15.6
15.4
15.2
15
14.8
14.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

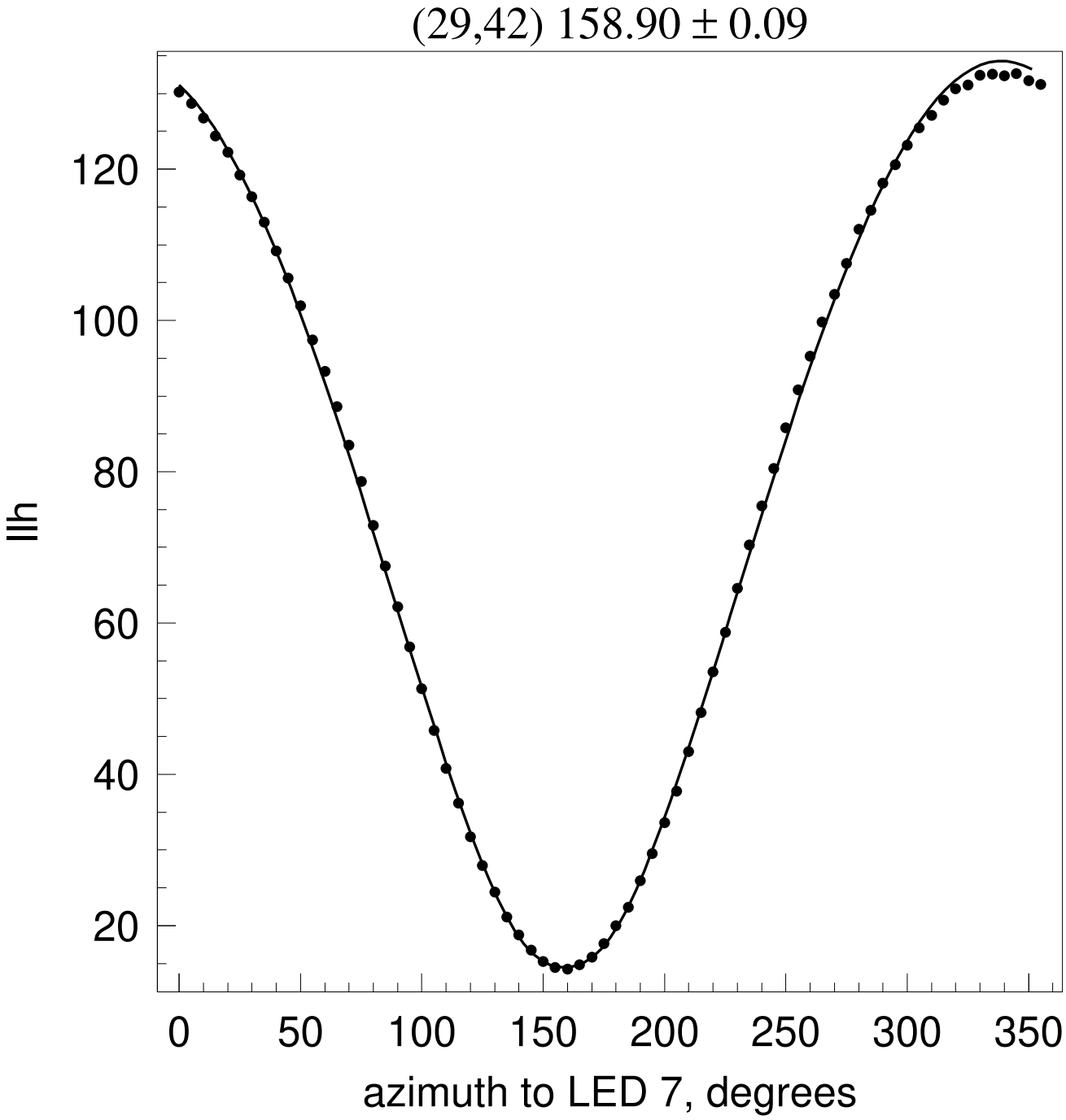

(29,37) 293.28 ± 9.17
11.6
11.4
11.2
11
10.8
10.6
10.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

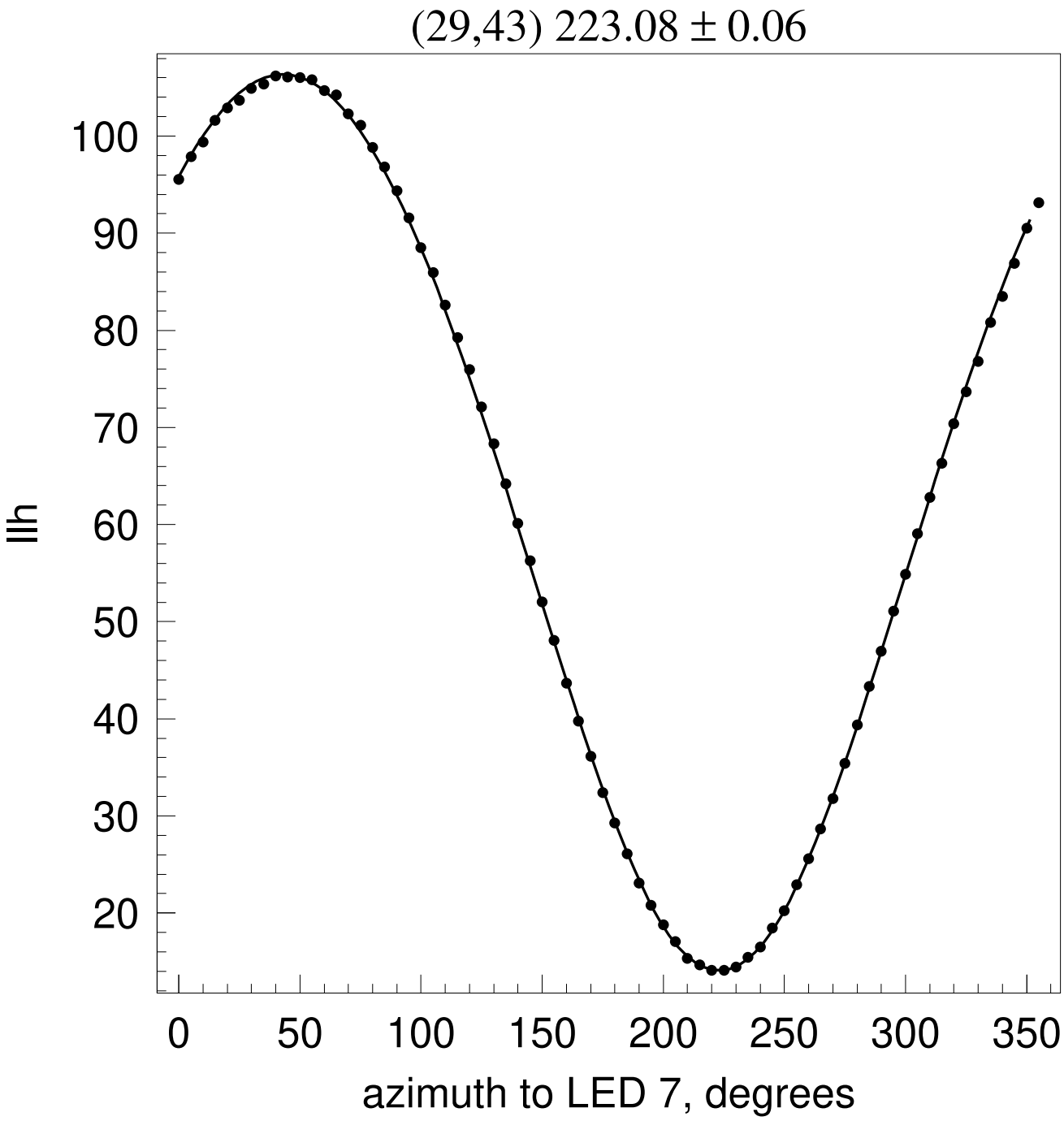

(29,38) 83.27 ± 0.44
14
13
12
11
10
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

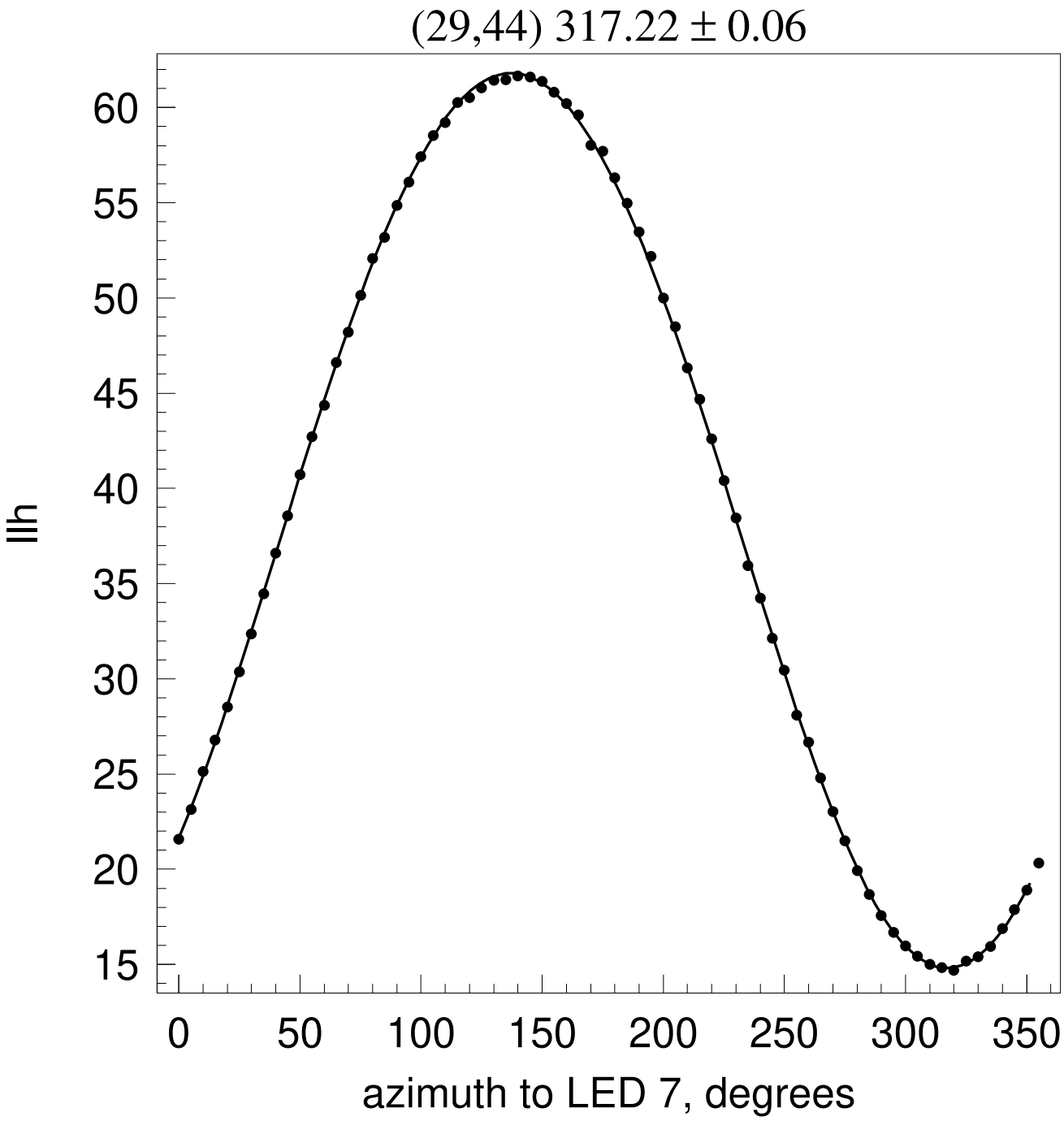

(29,39) 171.82 ± 0.06
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

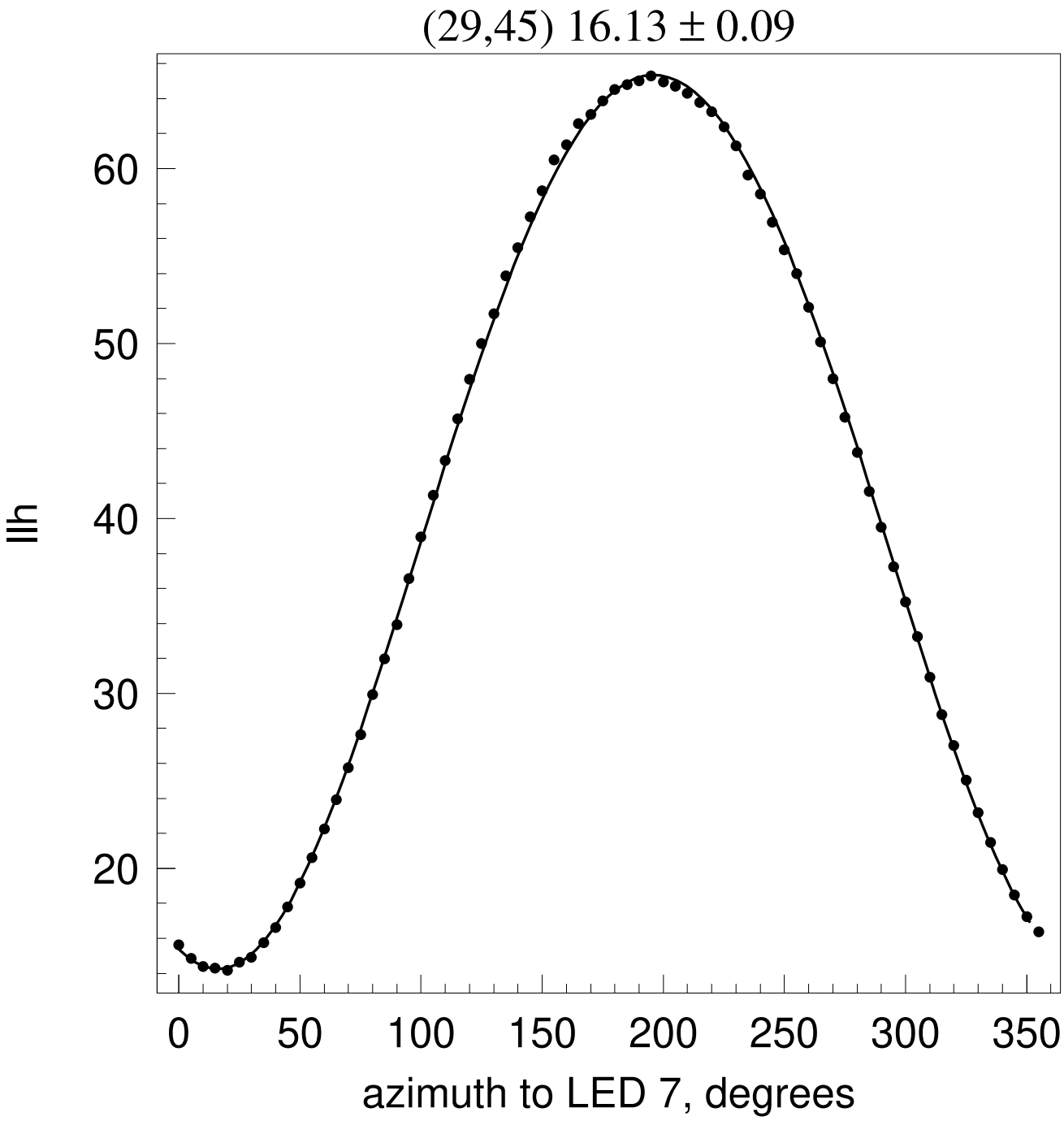

(29,40) 312.29 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

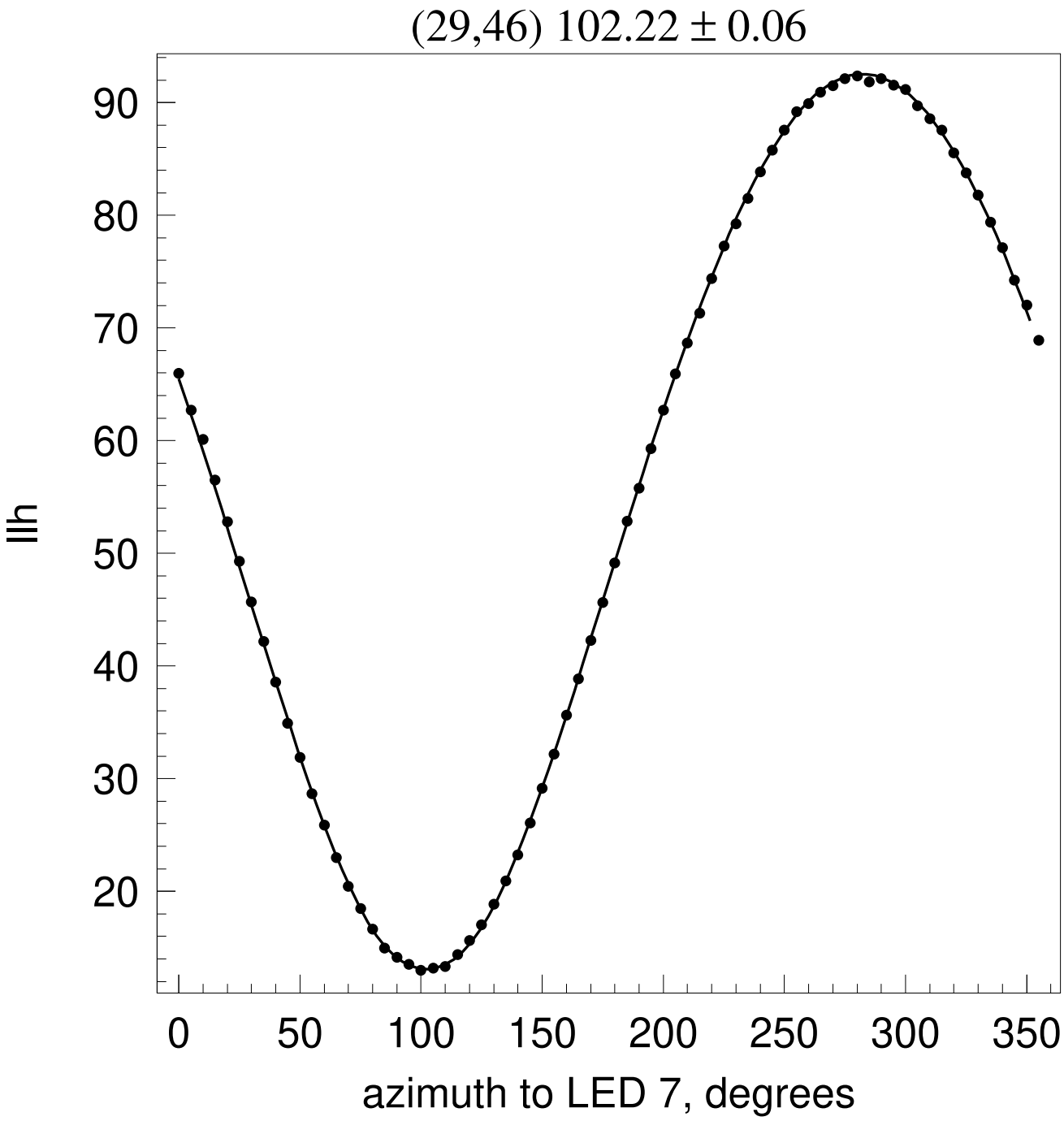

(29,41) 23.42 ± 0.07
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

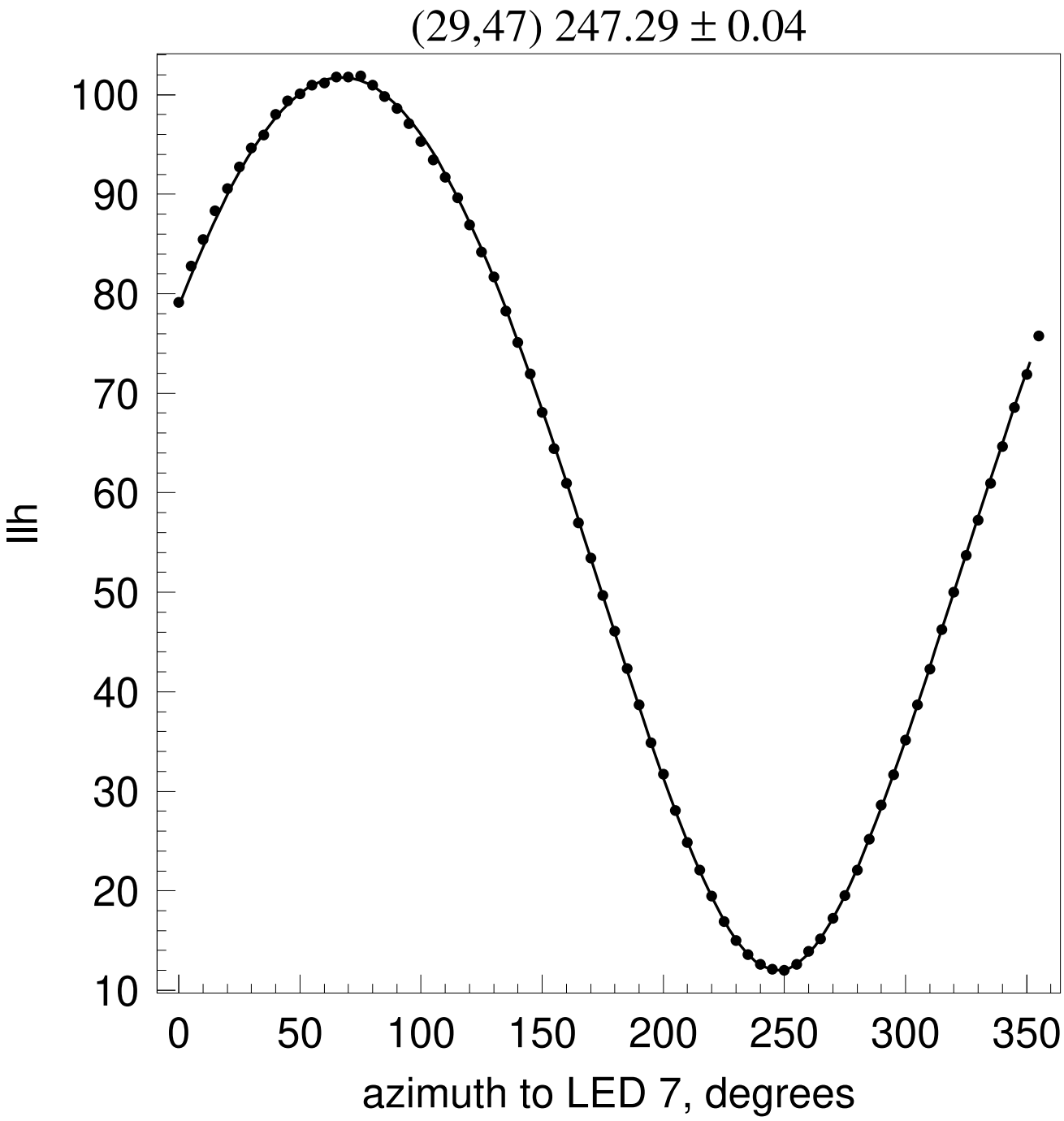

(29,42) 158.90 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

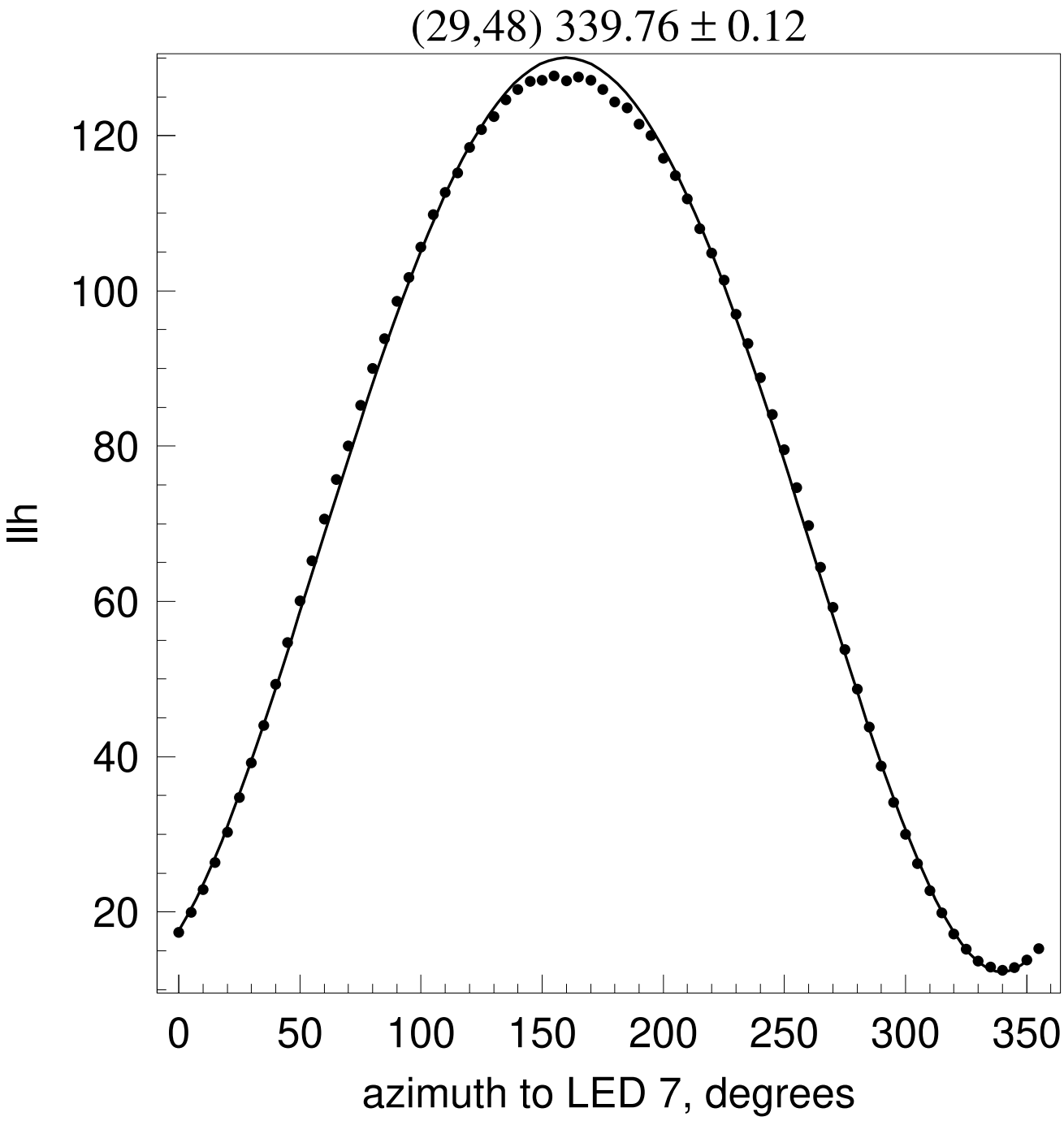

(29,43) 223.08 ± 0.06
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

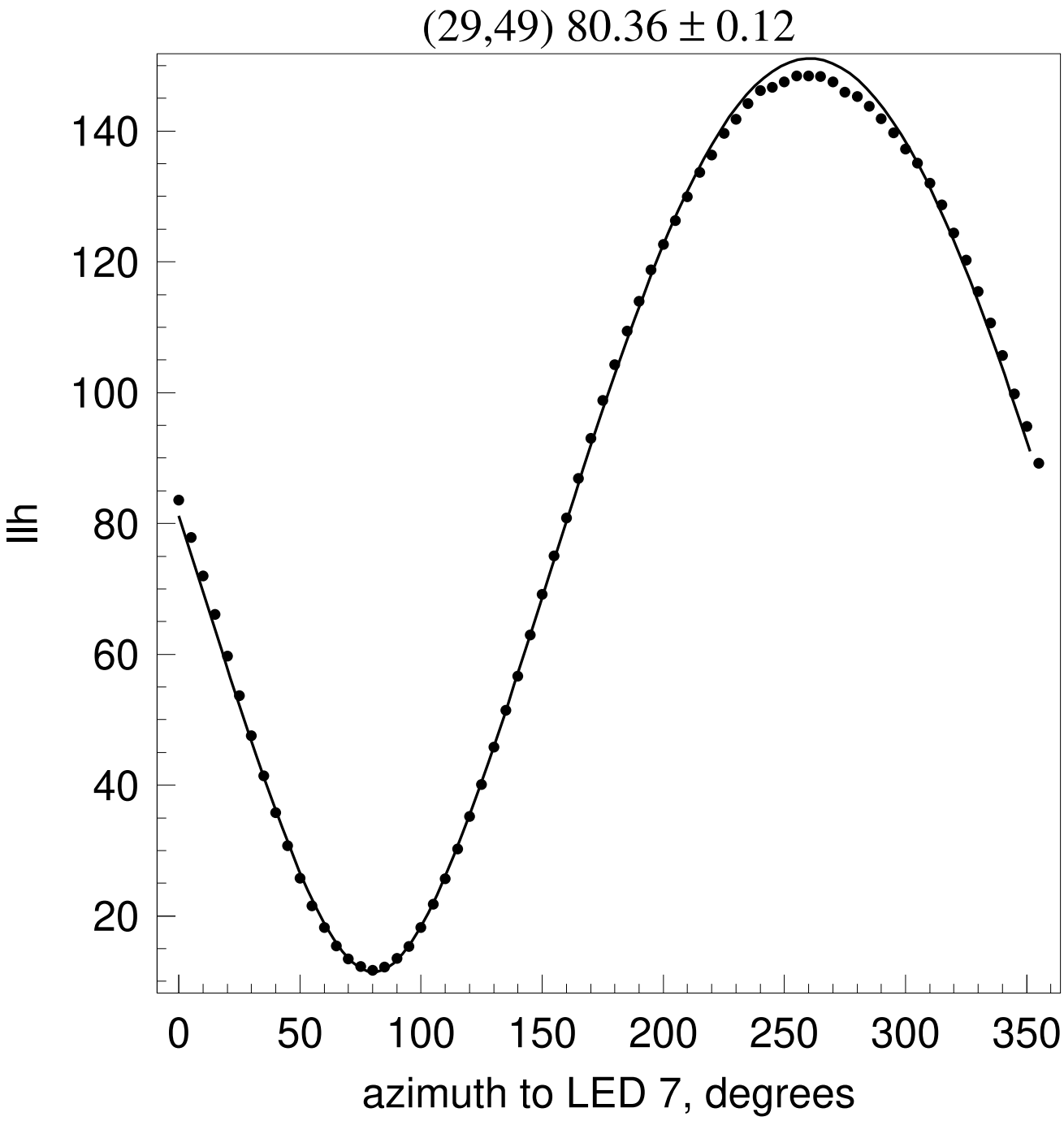

(29,44) 317.22 ± 0.06
60
55
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

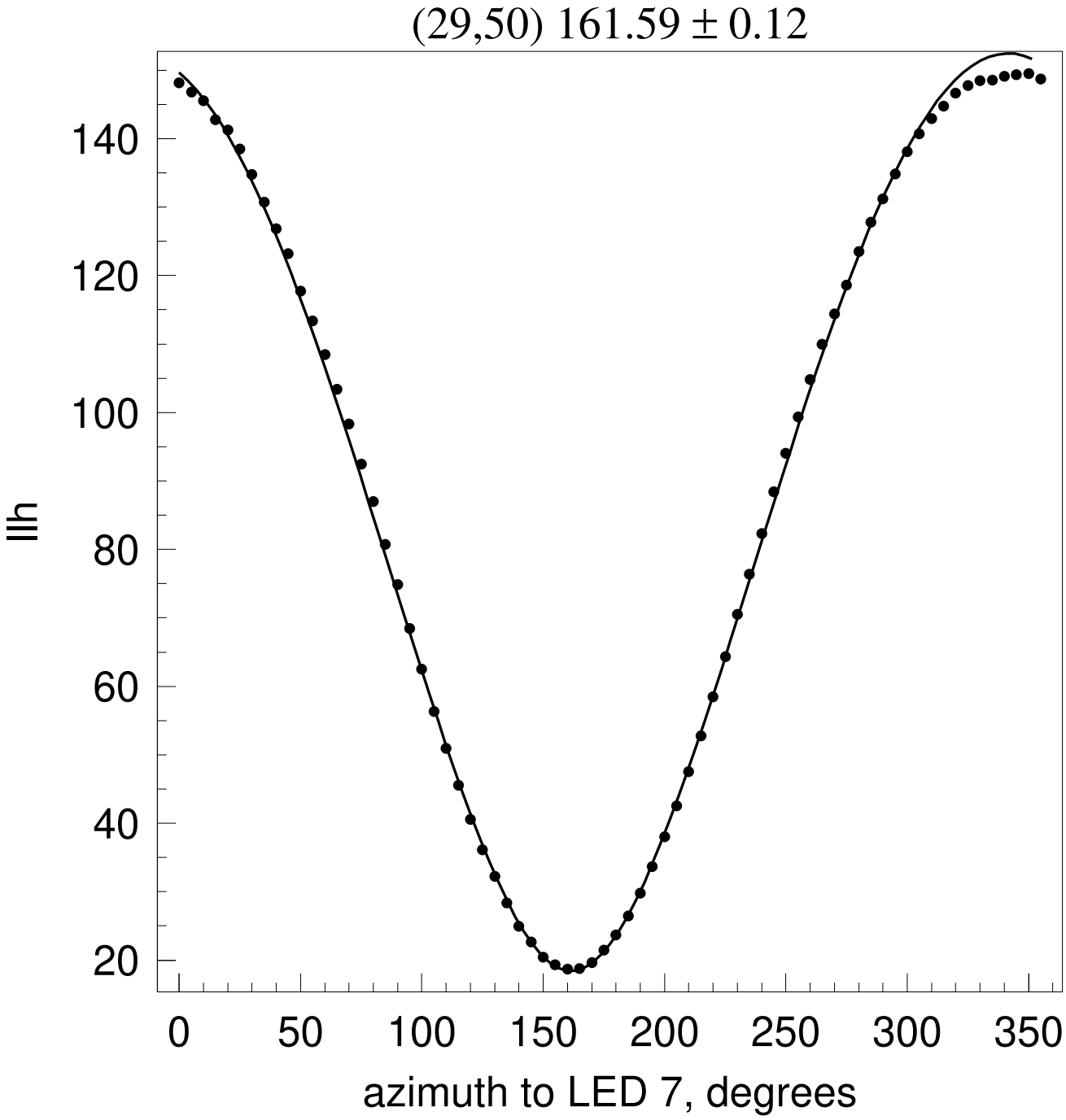

(29,45) 16.13 ± 0.09
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

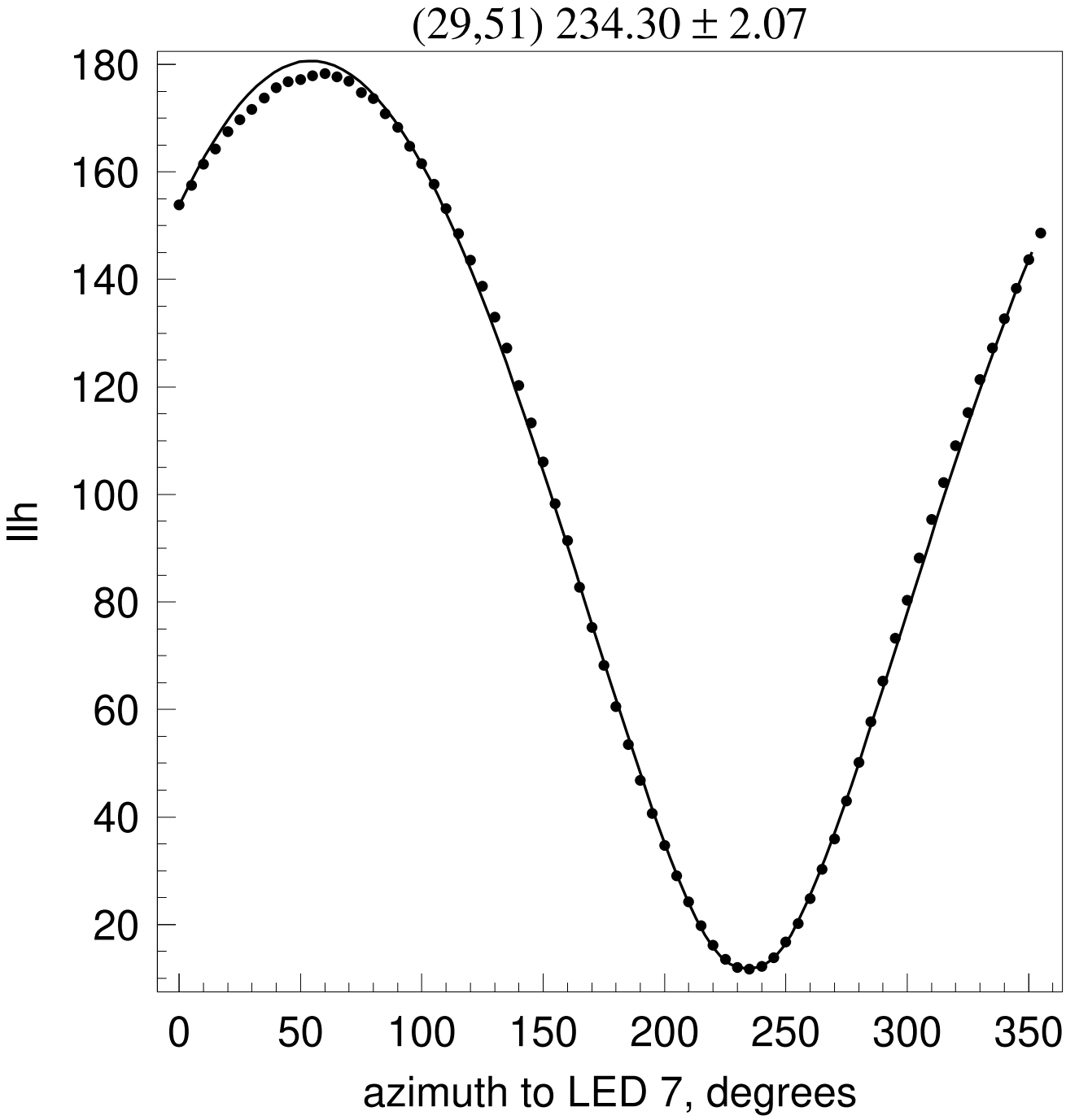

(29,46) 102.22 ± 0.06
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

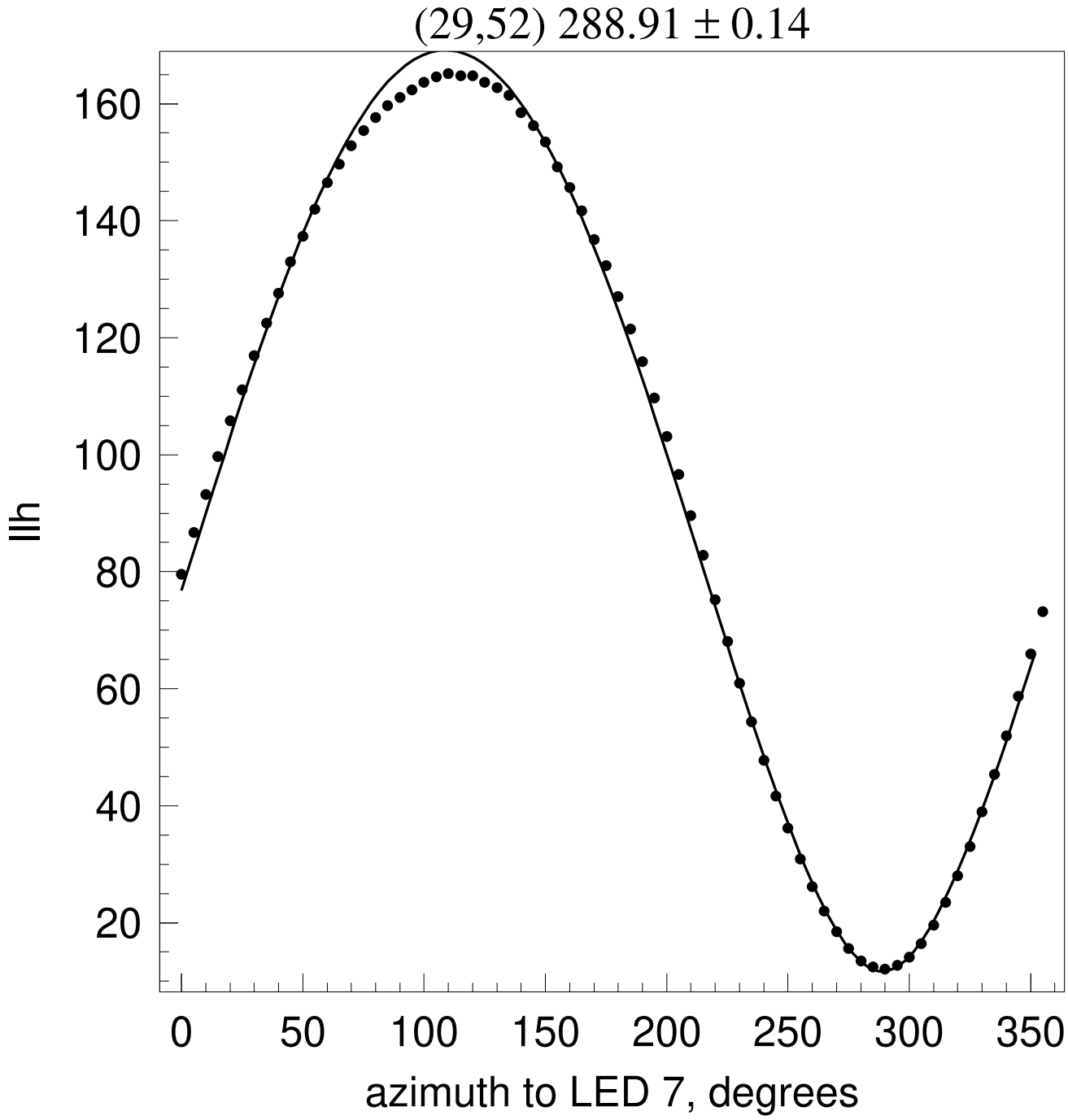

(29,47) 247.29 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

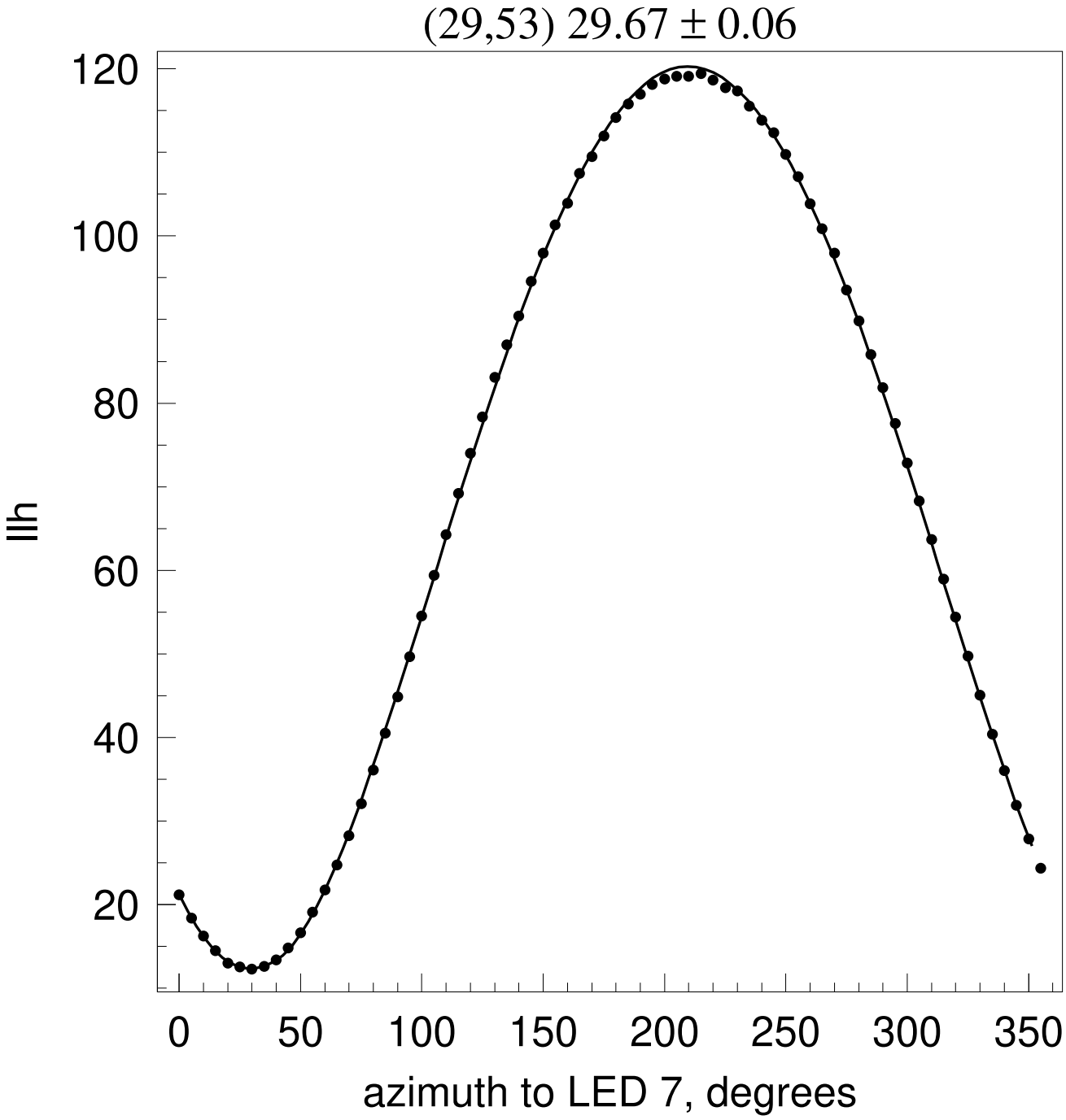

(29,48) 339.76 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

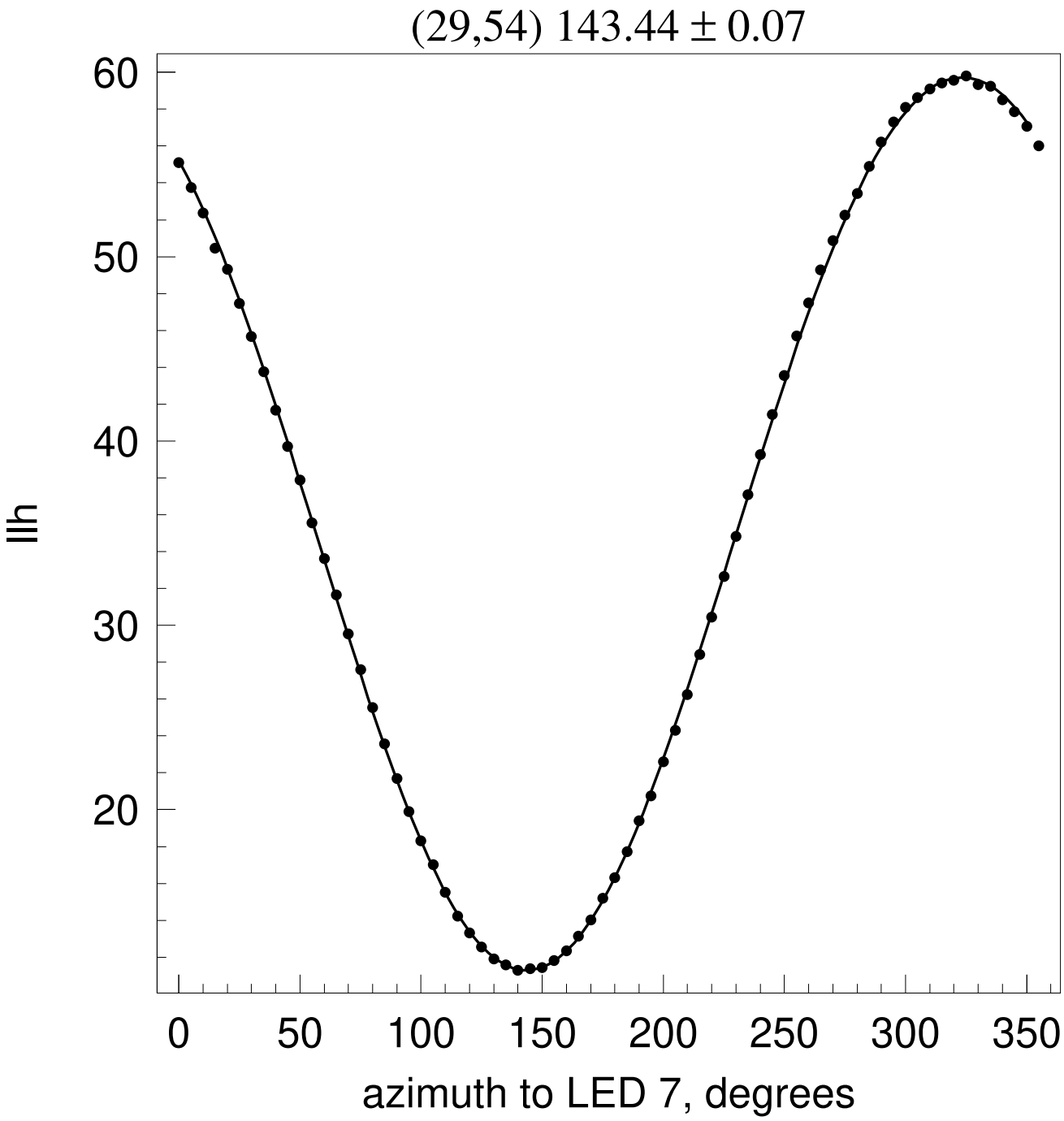

(29,49) 80.36 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

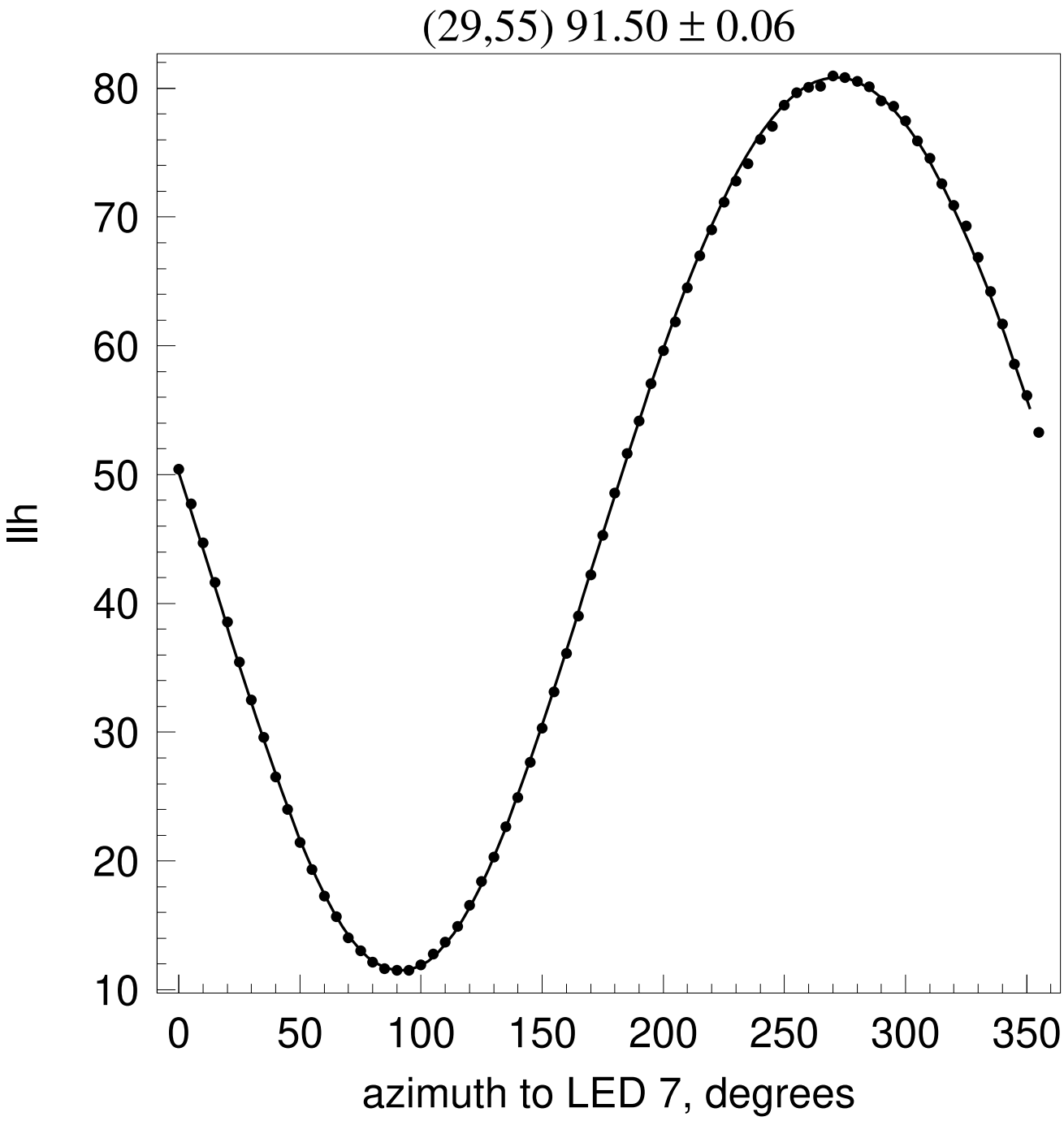

(29,50) 161.59 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

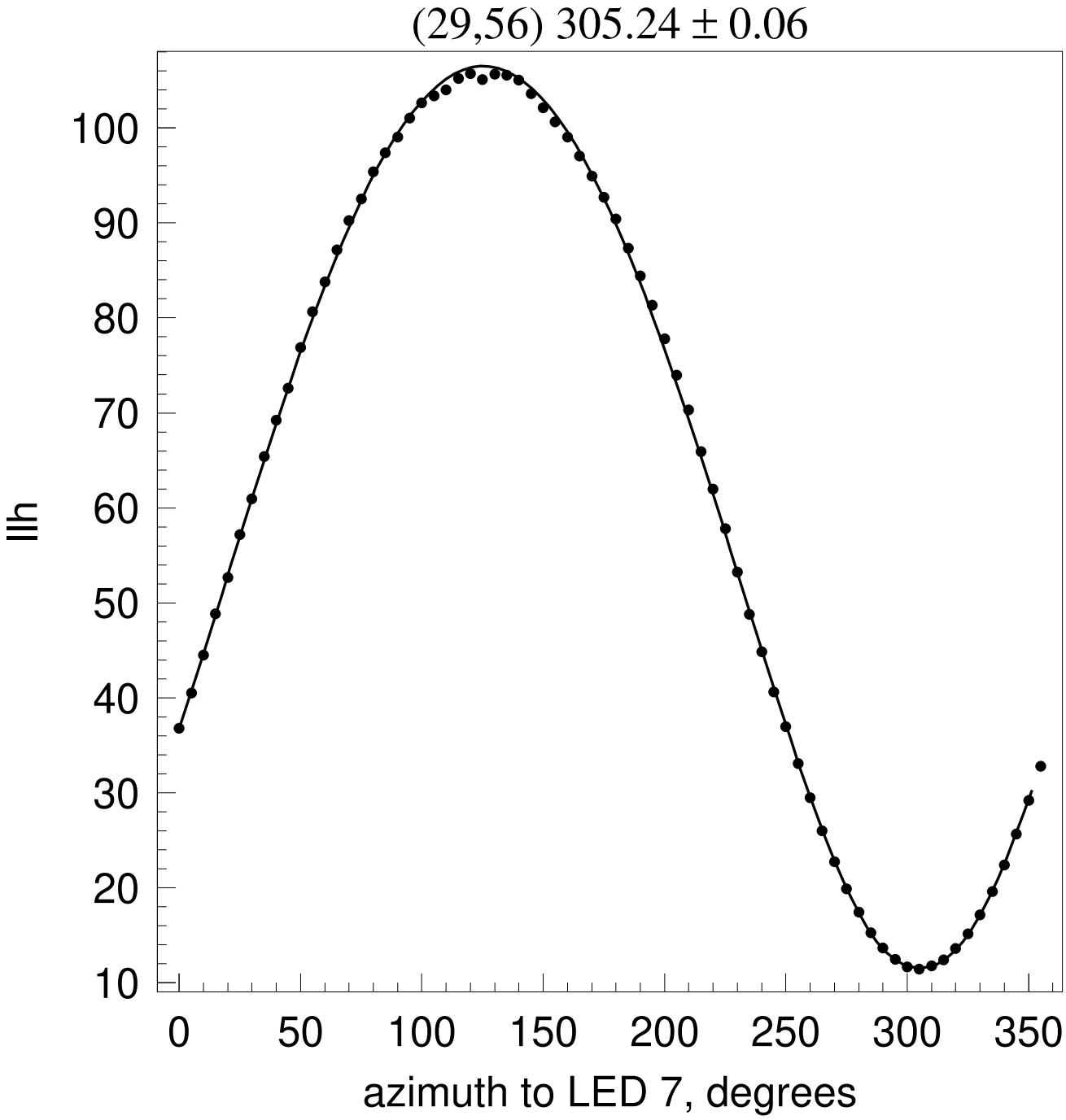

(29,51) 234.30 ± 2.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

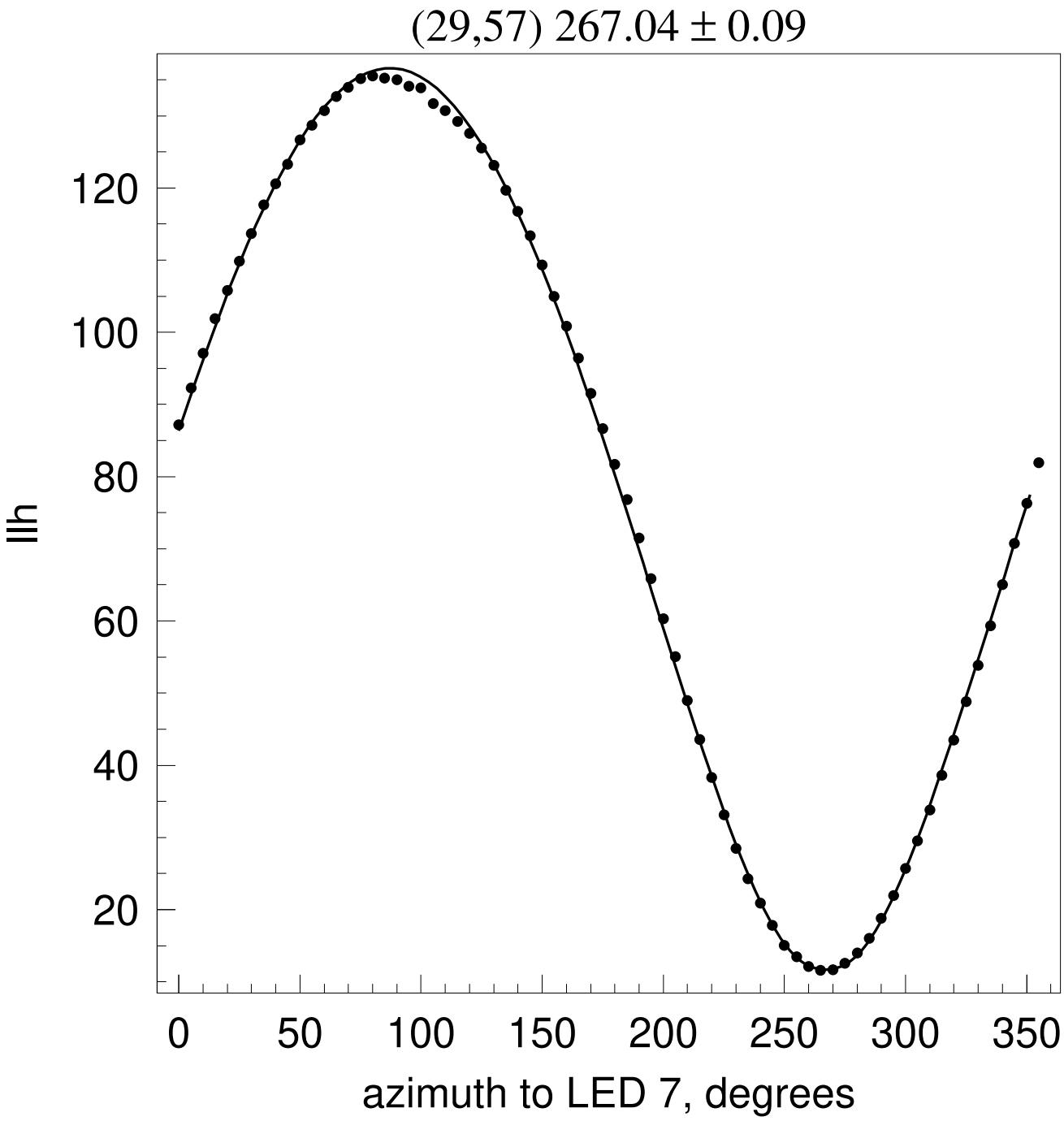

(29,52) 288.91 ± 0.14
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

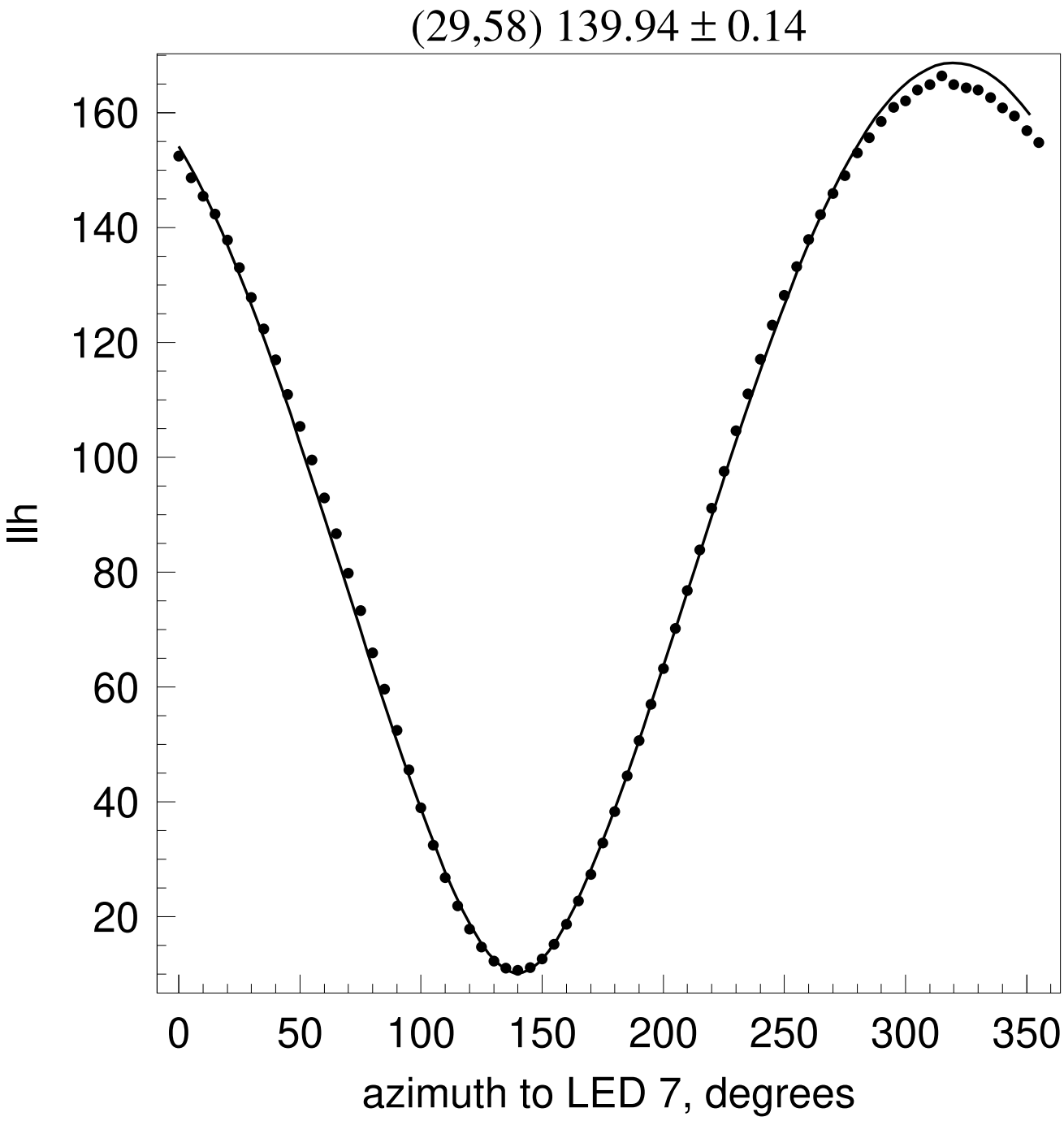

(29,53) 29.67 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

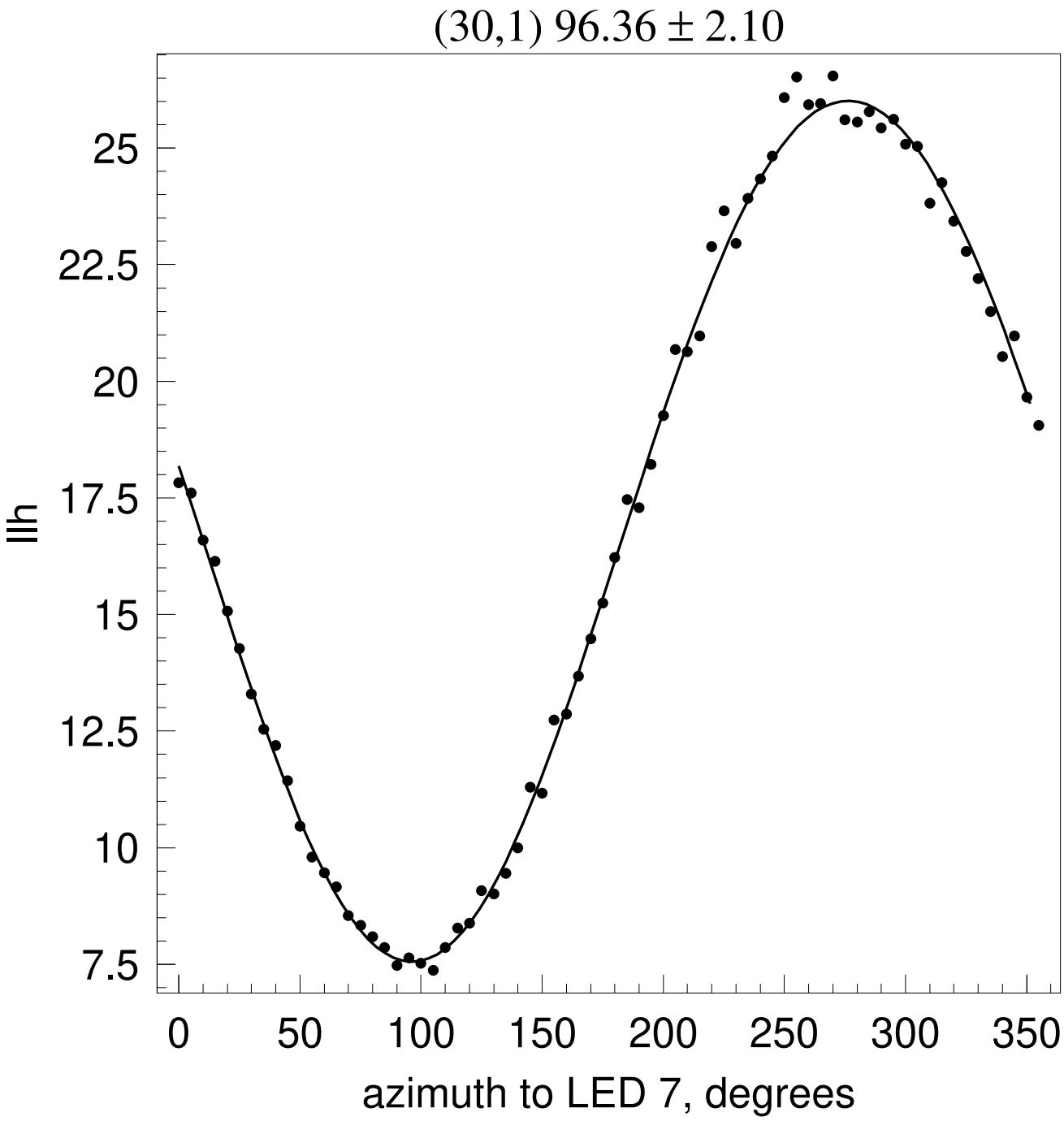

(29,54) 143.44 ± 0.07
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

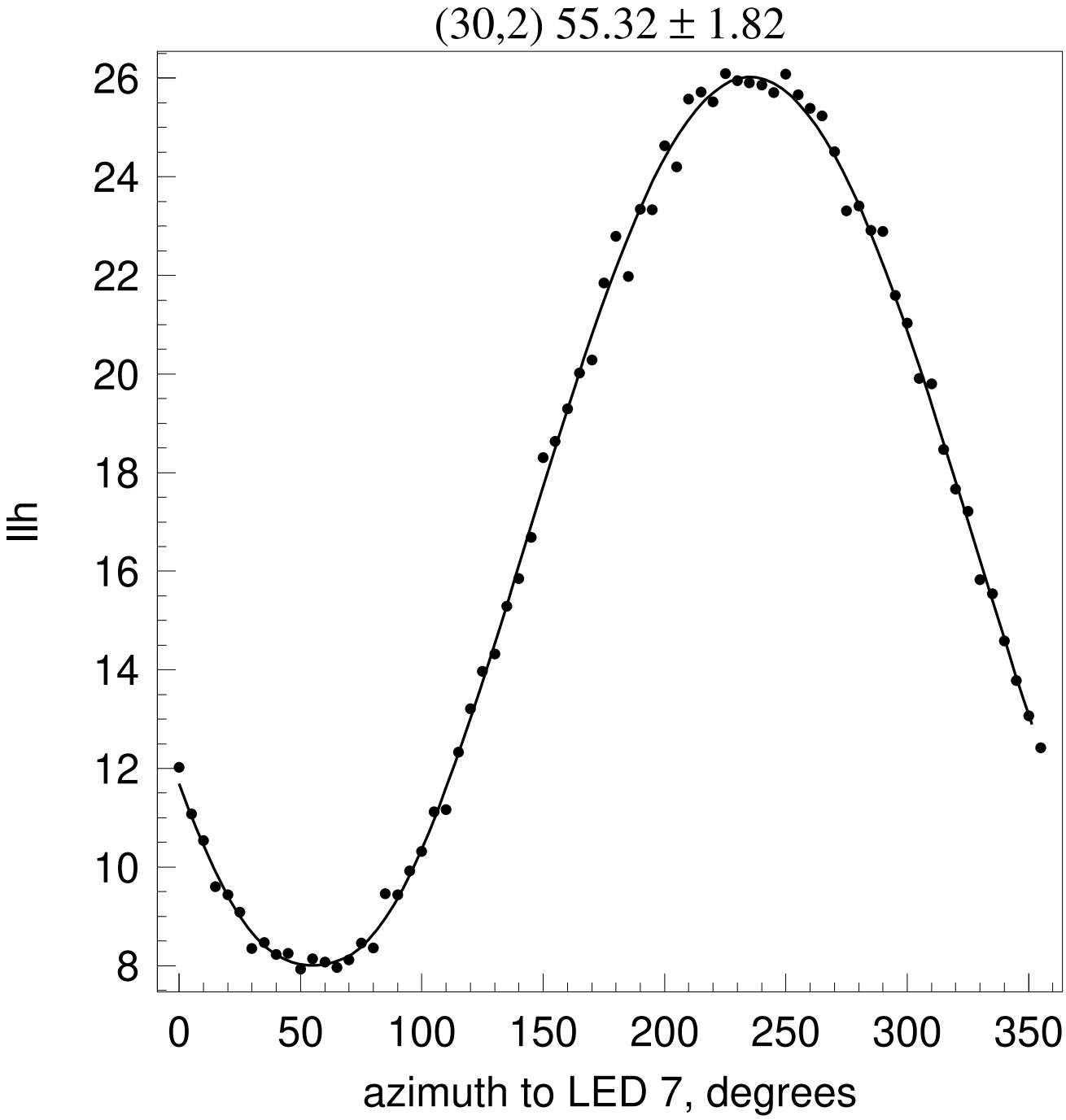

(29,55) 91.50 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

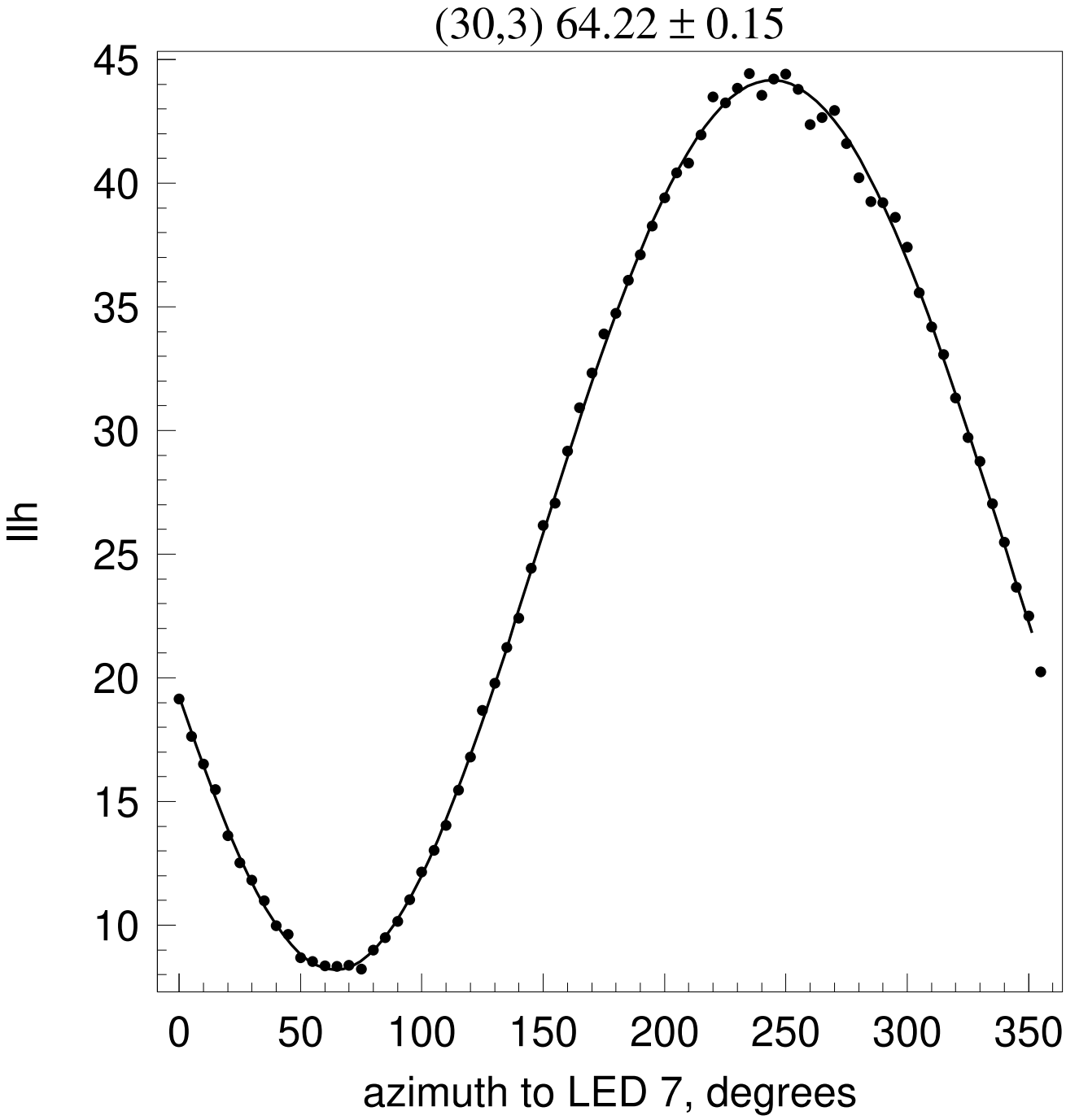

(29,56) 305.24 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

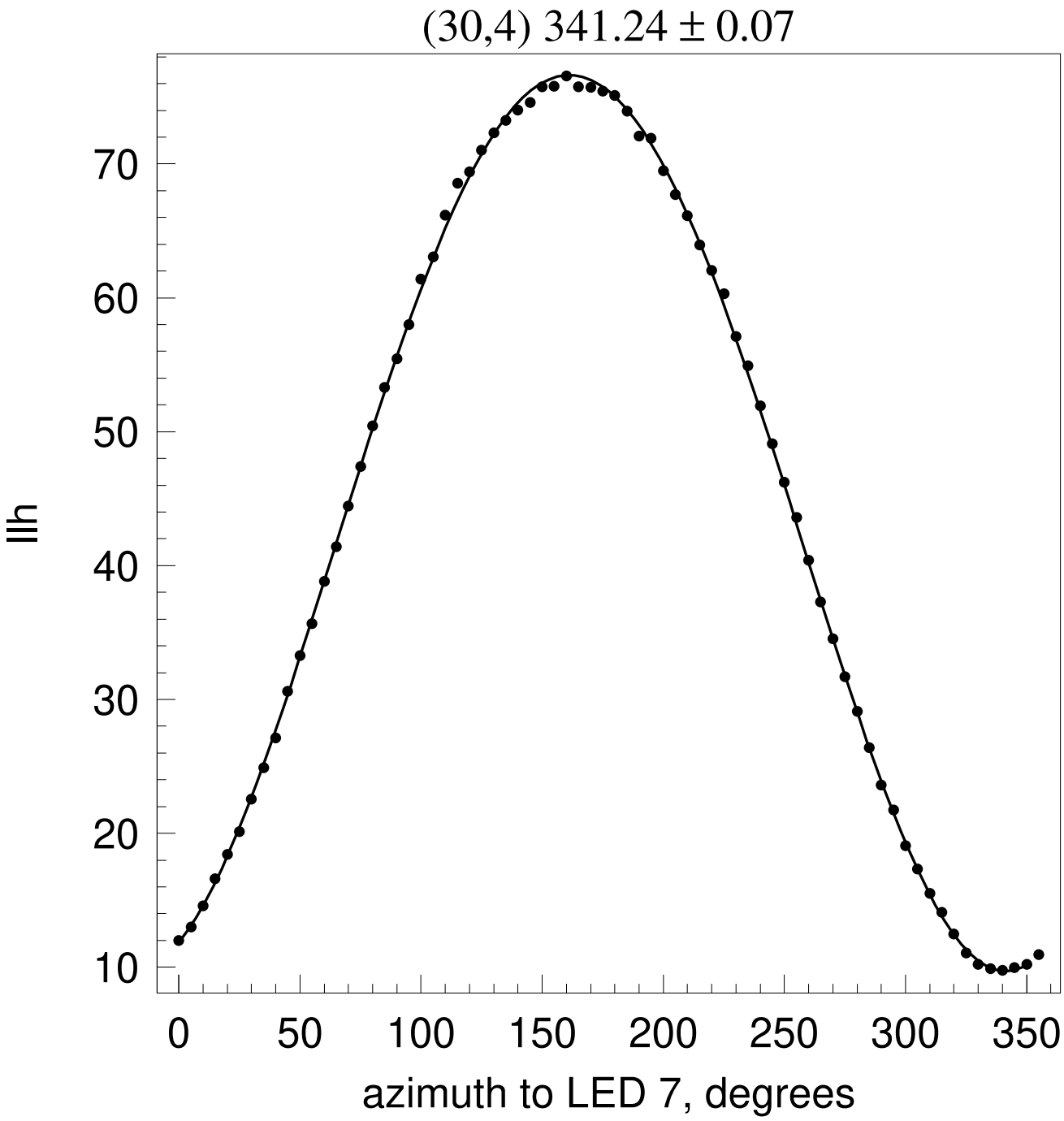

(29,57) 267.04 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

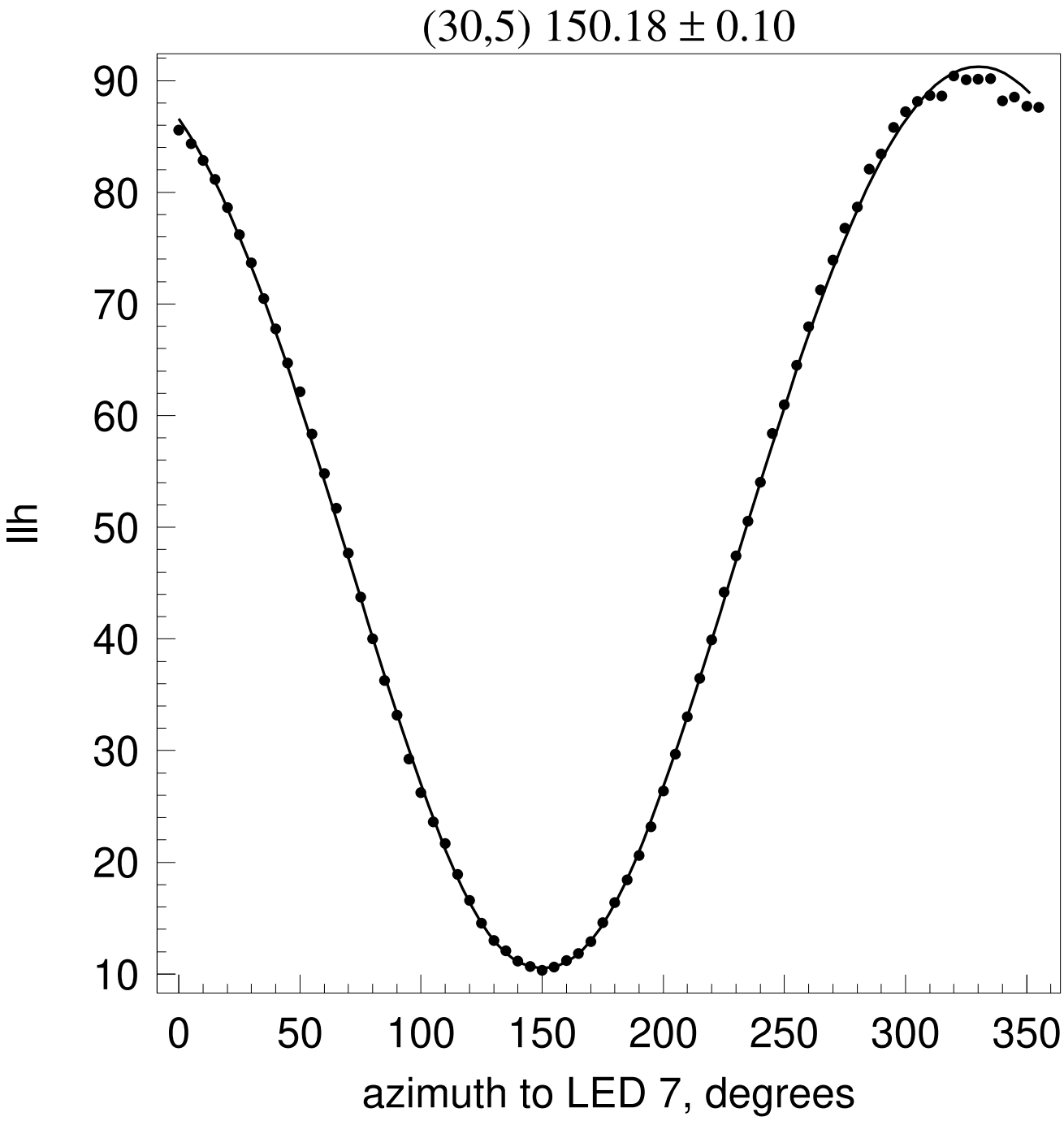

(29,58) 139.94 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

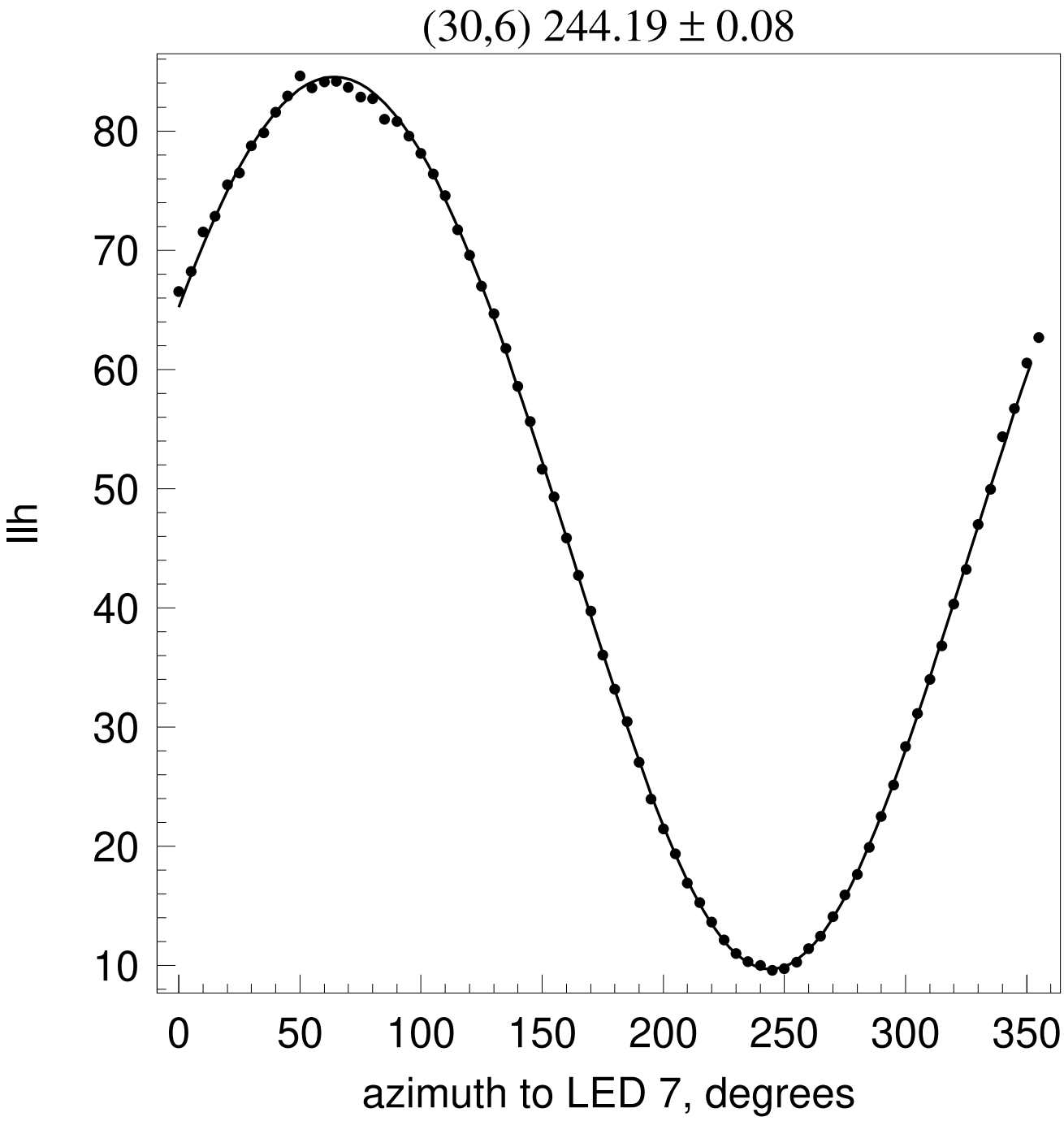

(30,1) 96.36 ± 2.10
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

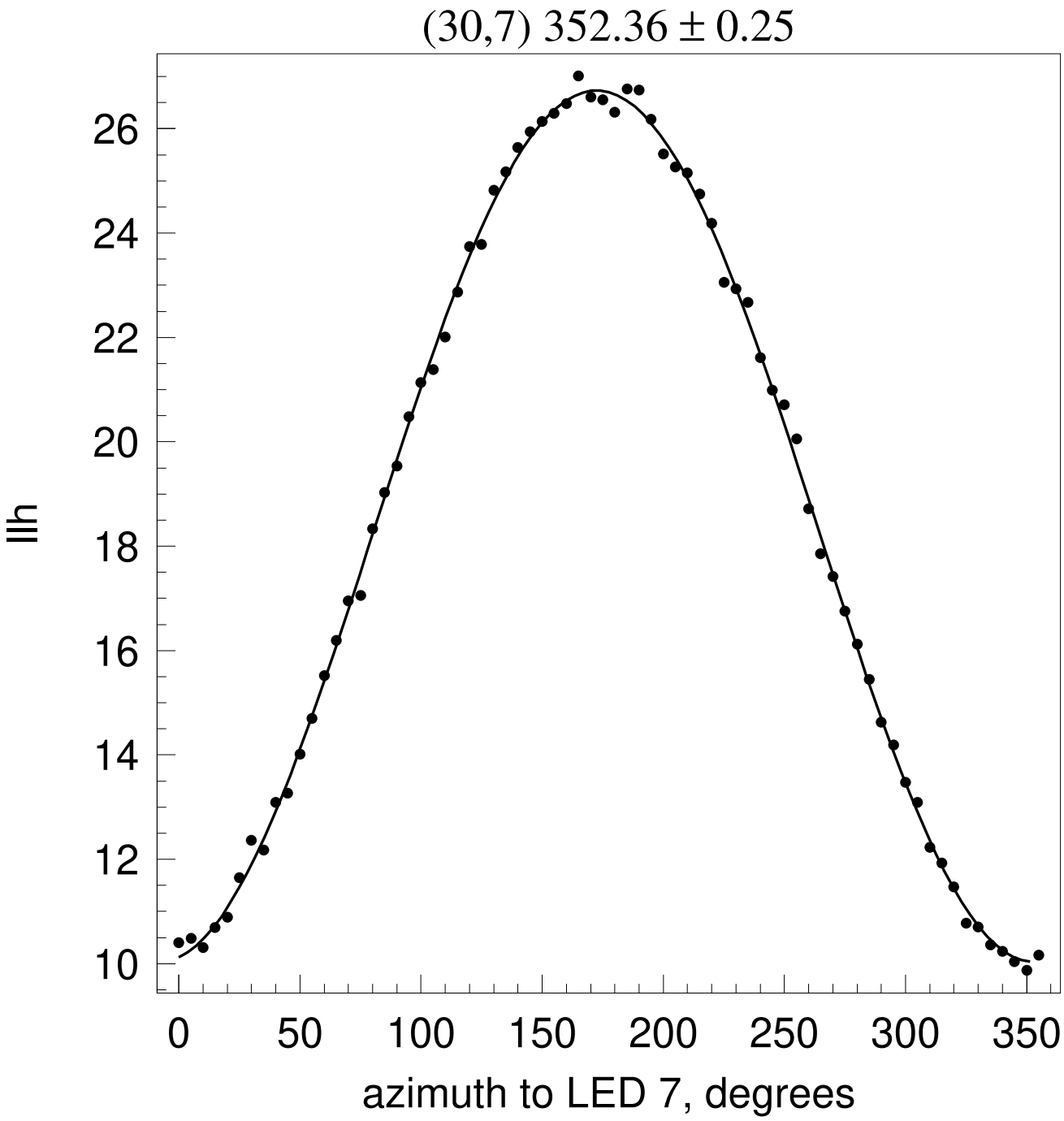

(30,2) 55.32 ± 1.82
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

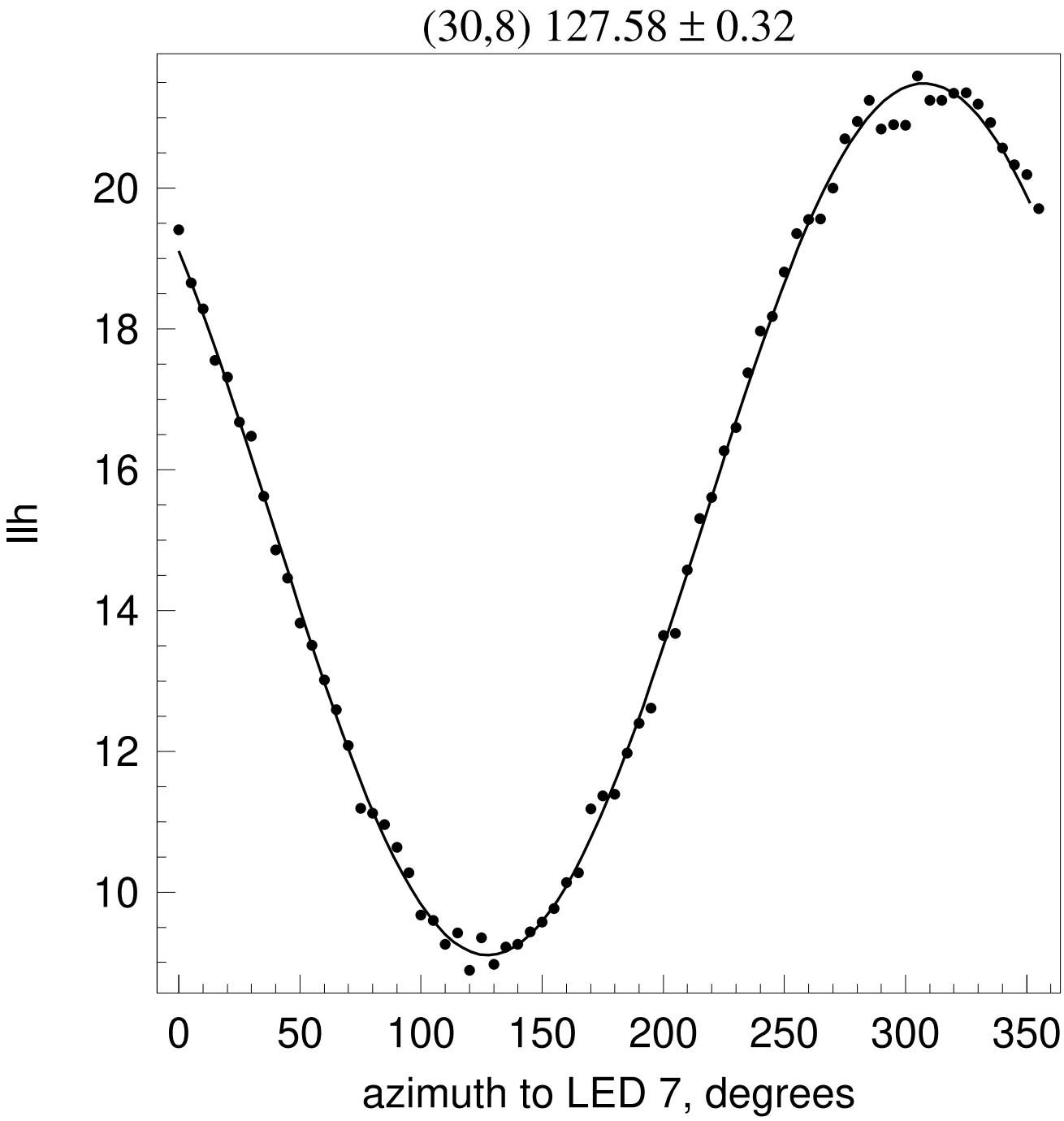

(30,3) 64.22 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

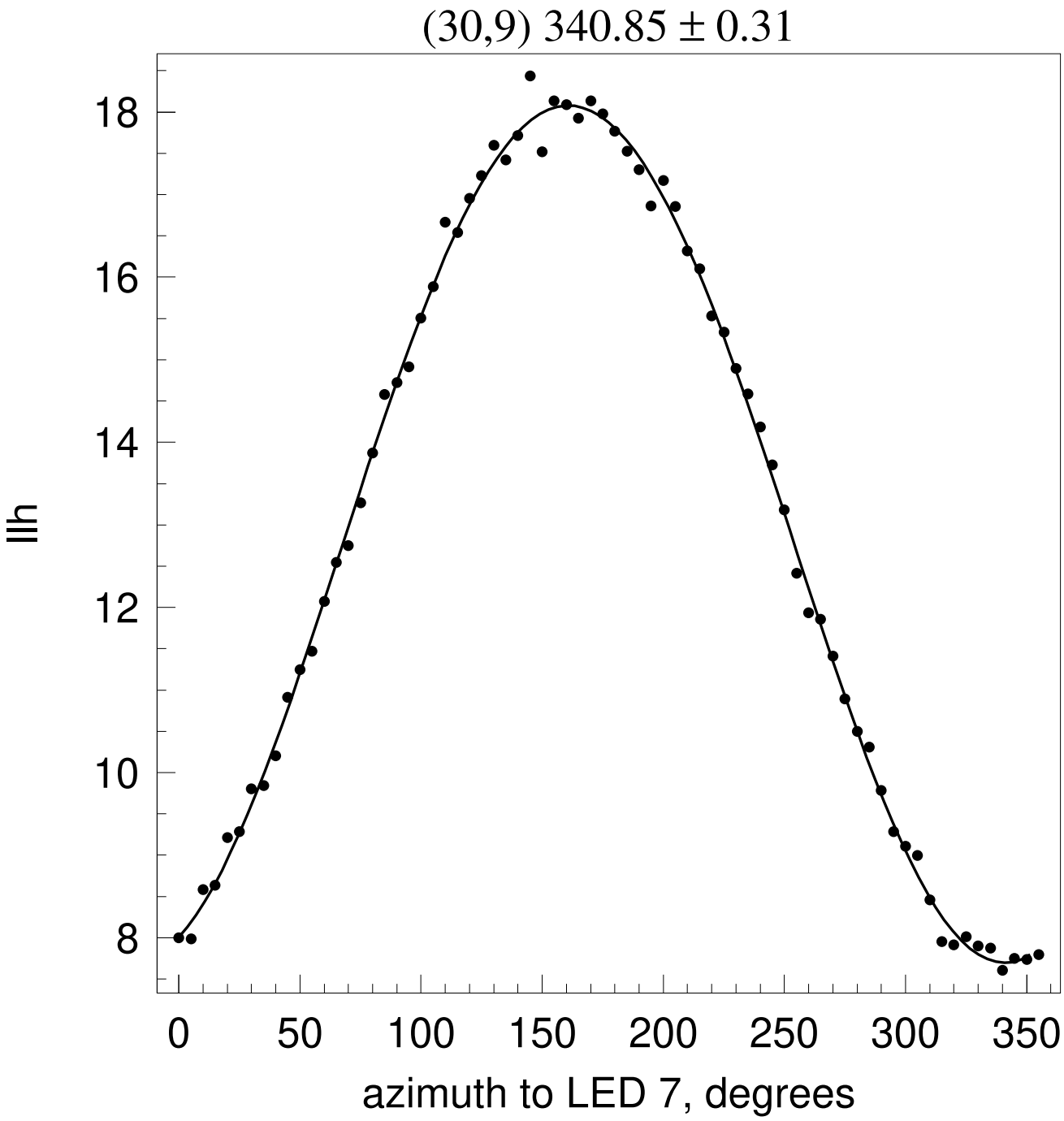

(30,4) 341.24 ± 0.07
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

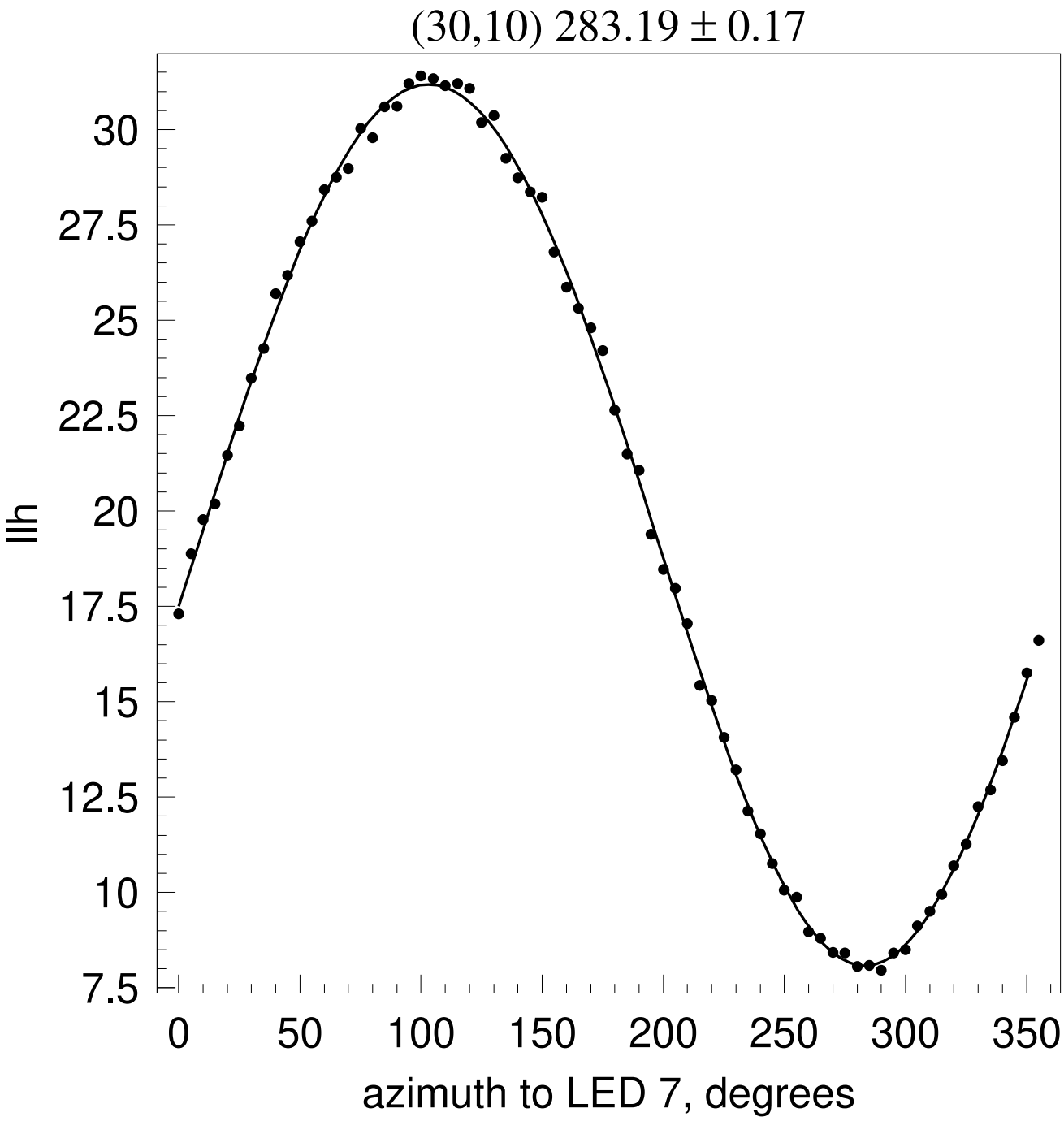

(30,5) 150.18 ± 0.10
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

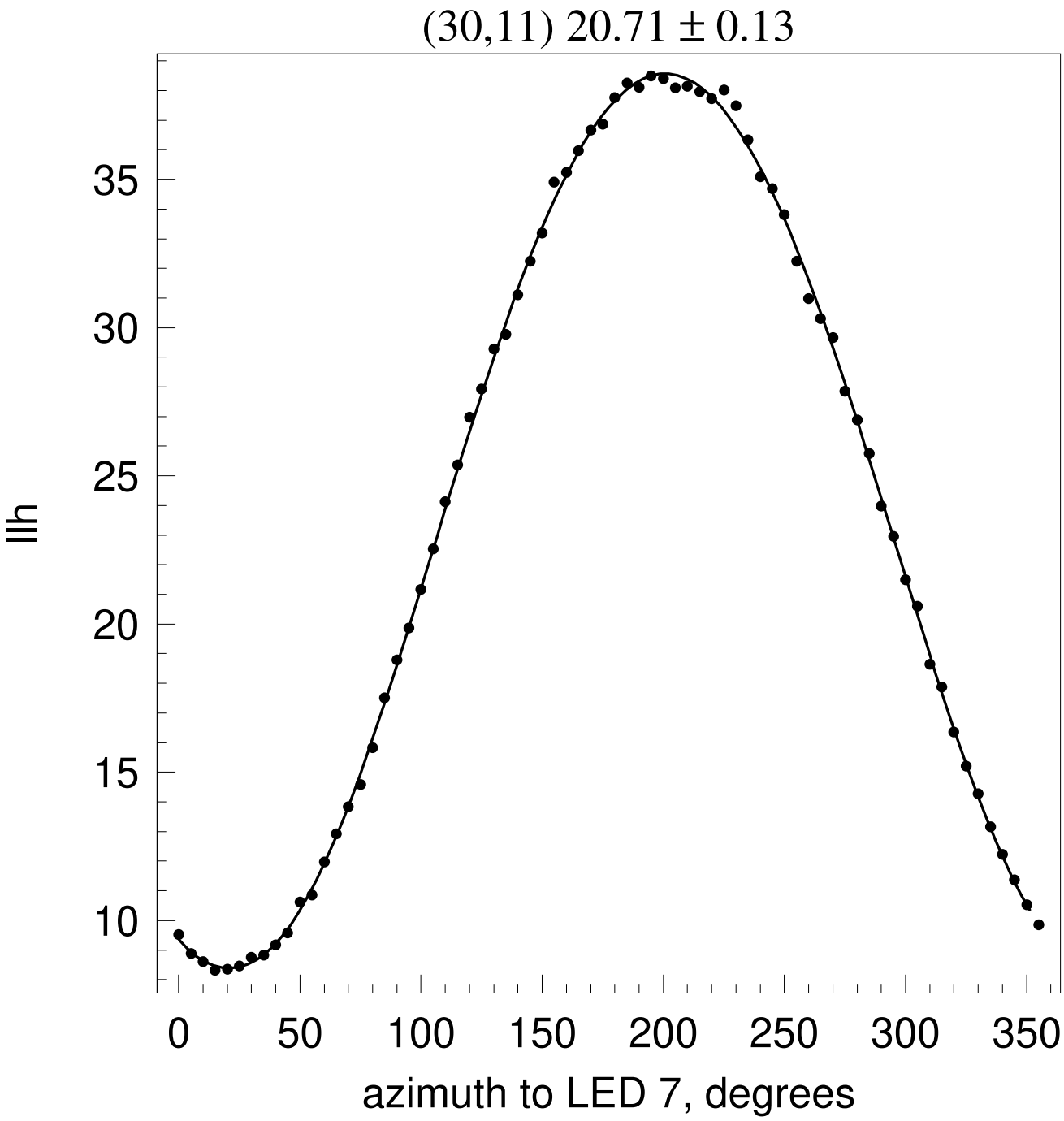

(30,6) 244.19 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

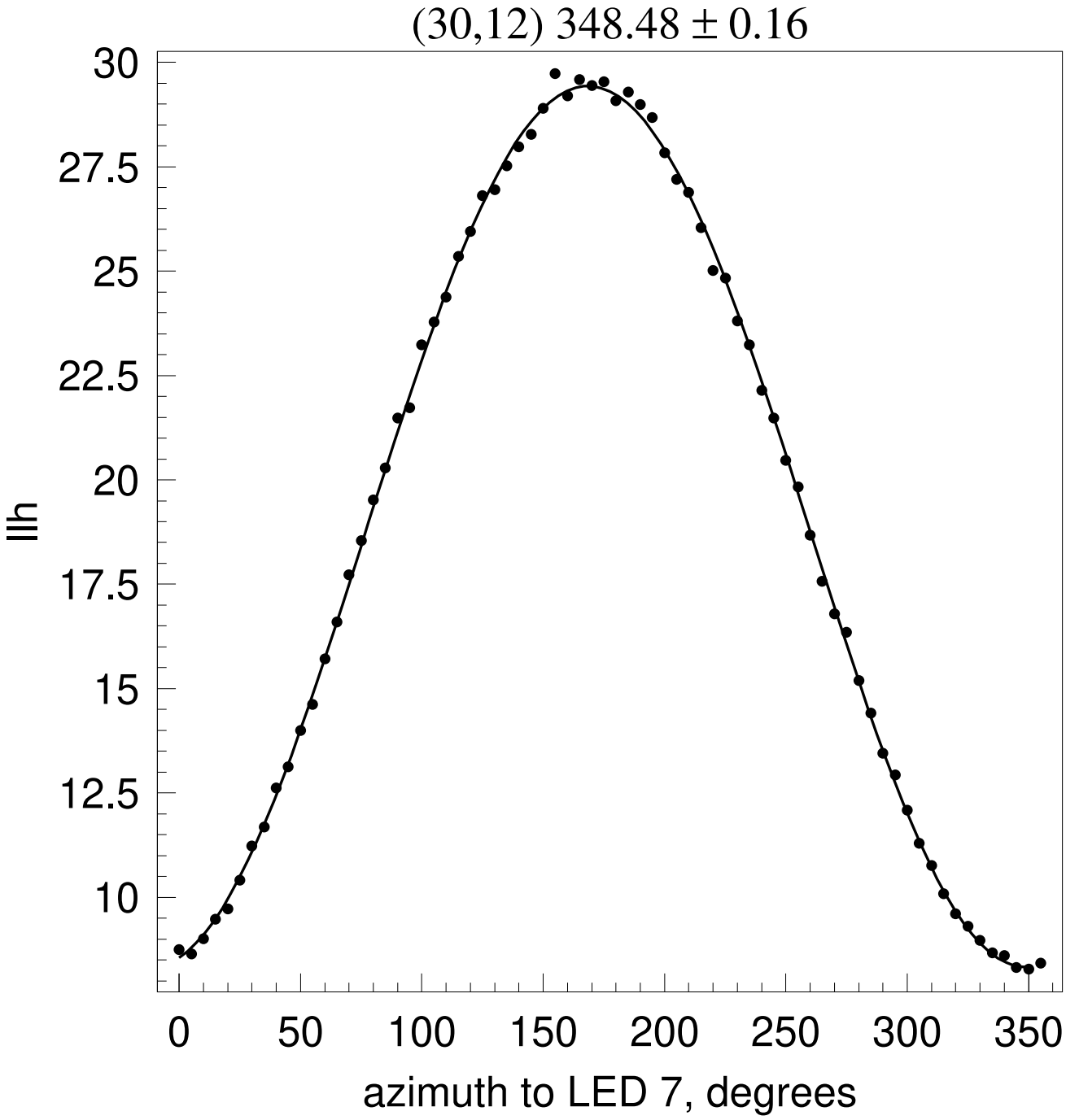

(30,7) 352.36 ± 0.25
llh
26
24
22
20
18
16
14
12
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

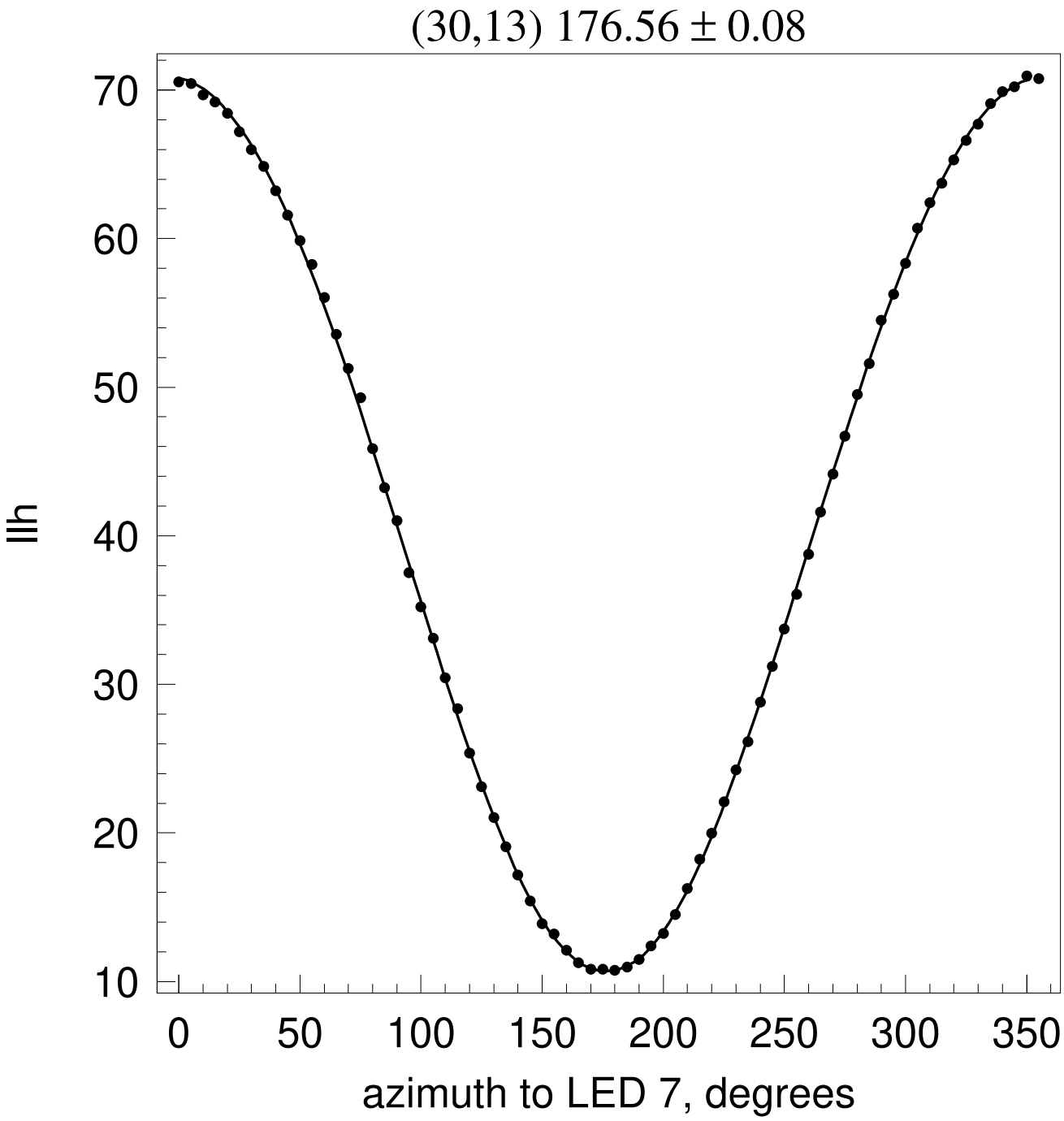

(30,8) 127.58 ± 0.32
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

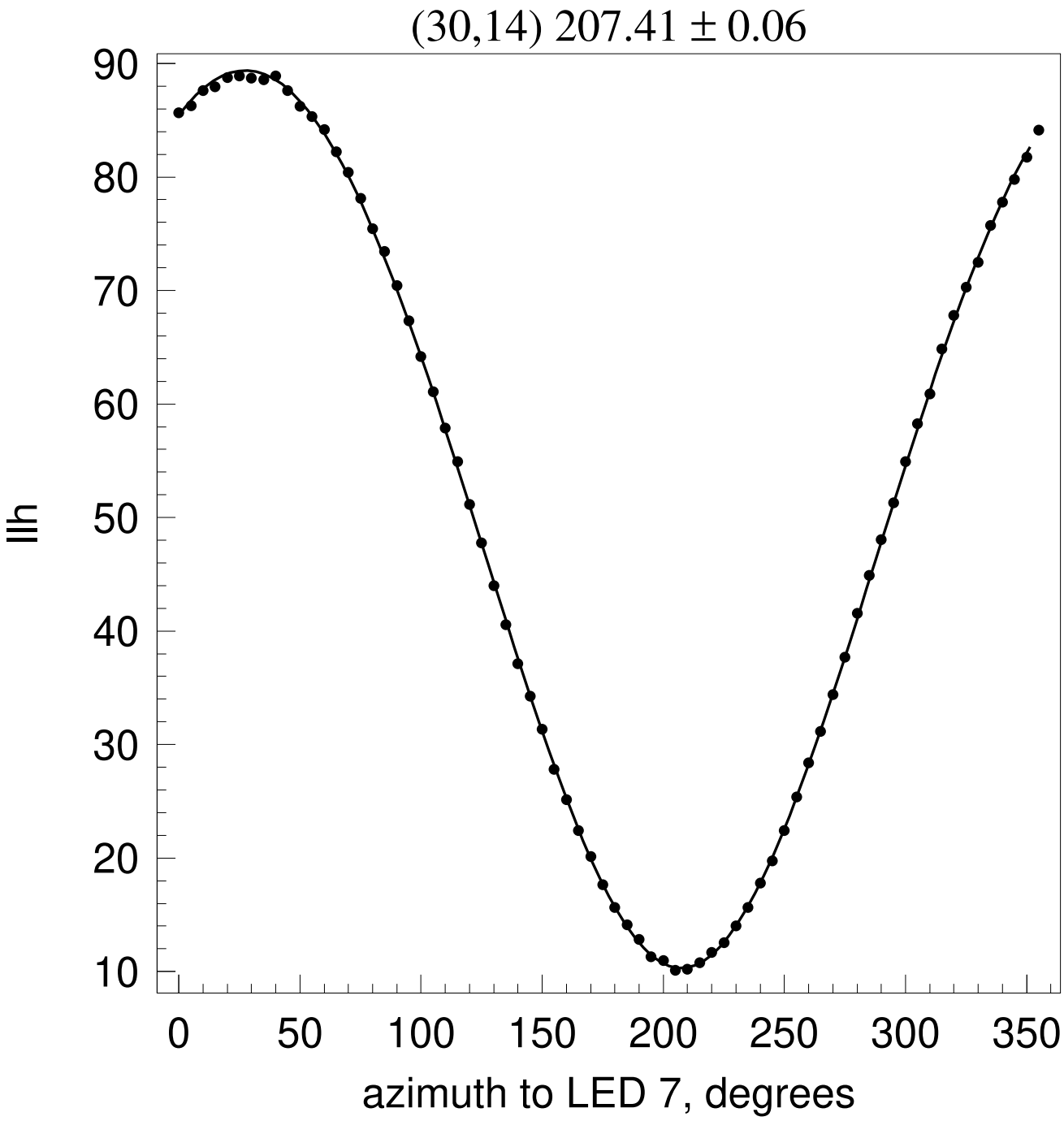

(30,9) 340.85 ± 0.31
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

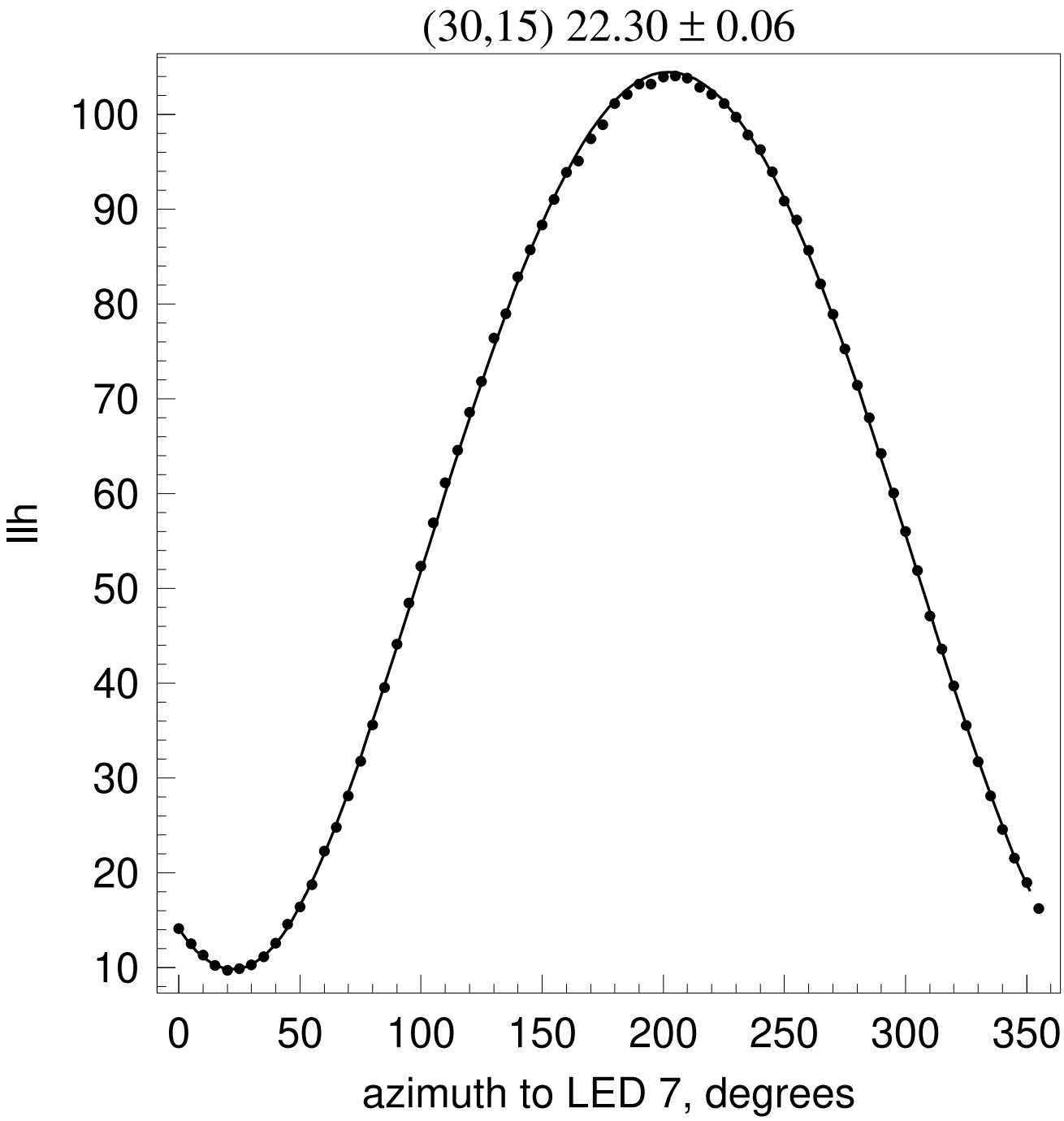

(30,10) 283.19 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

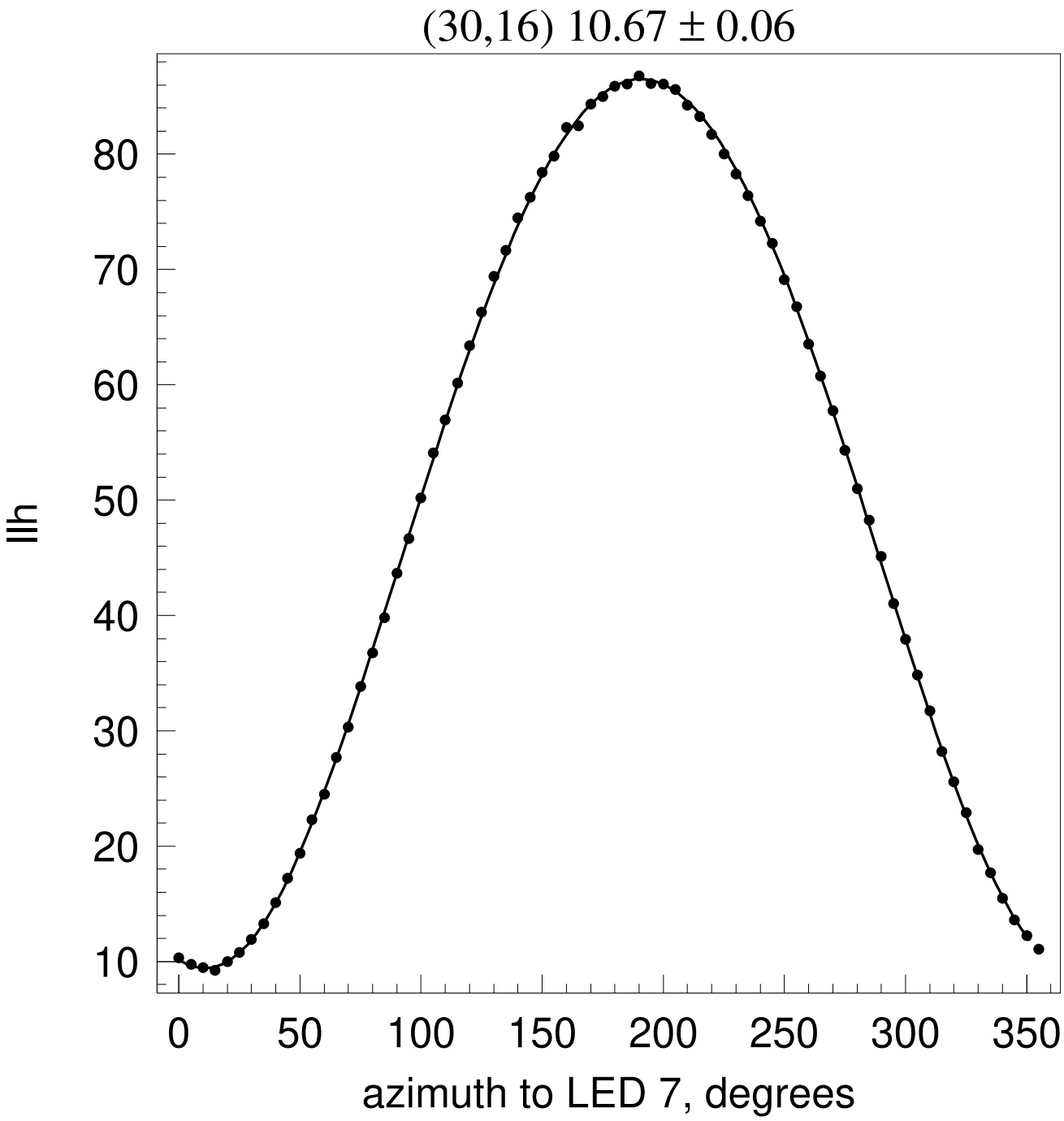

(30,11) 20.71 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

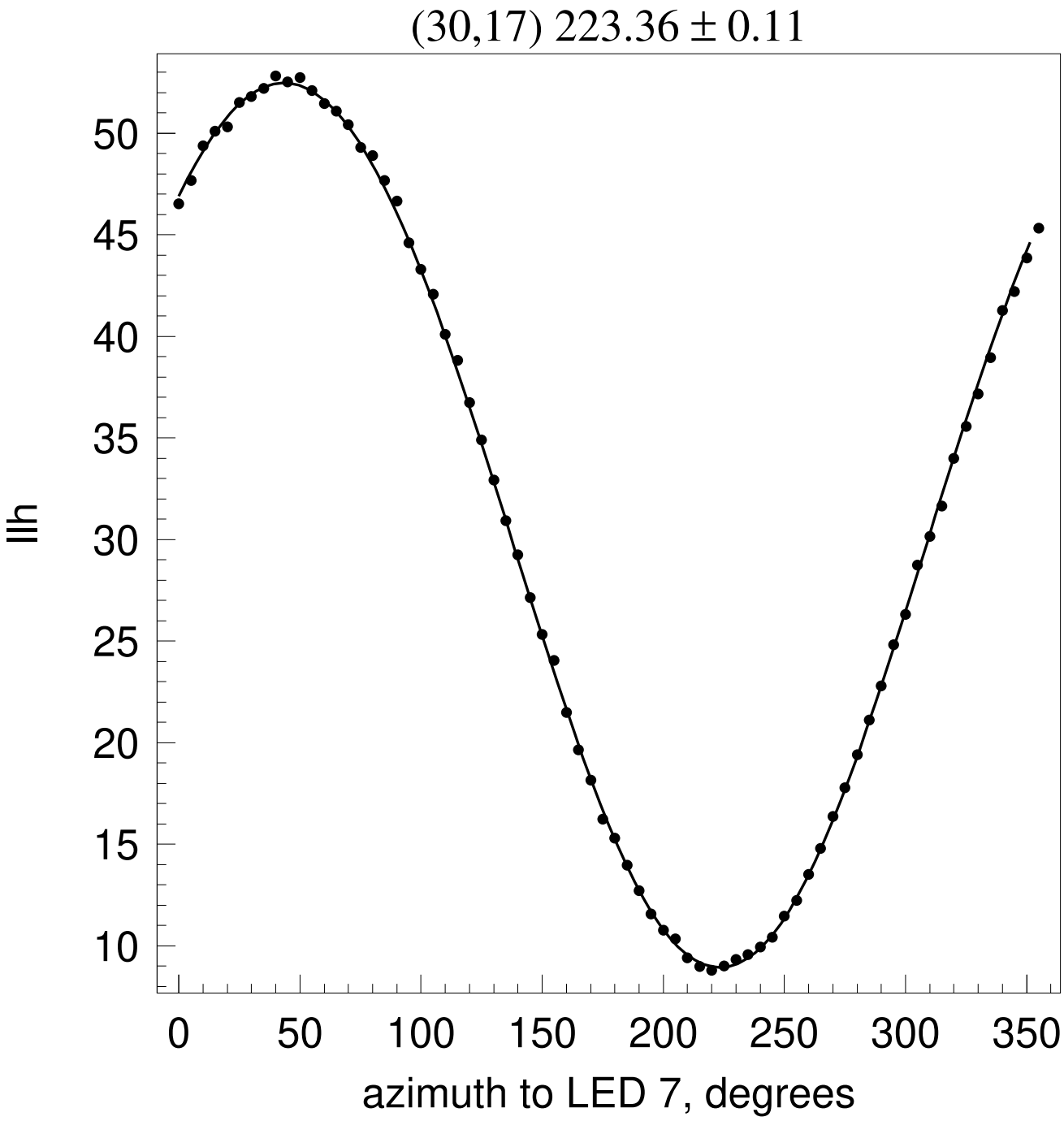

(30,12) 348.48 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

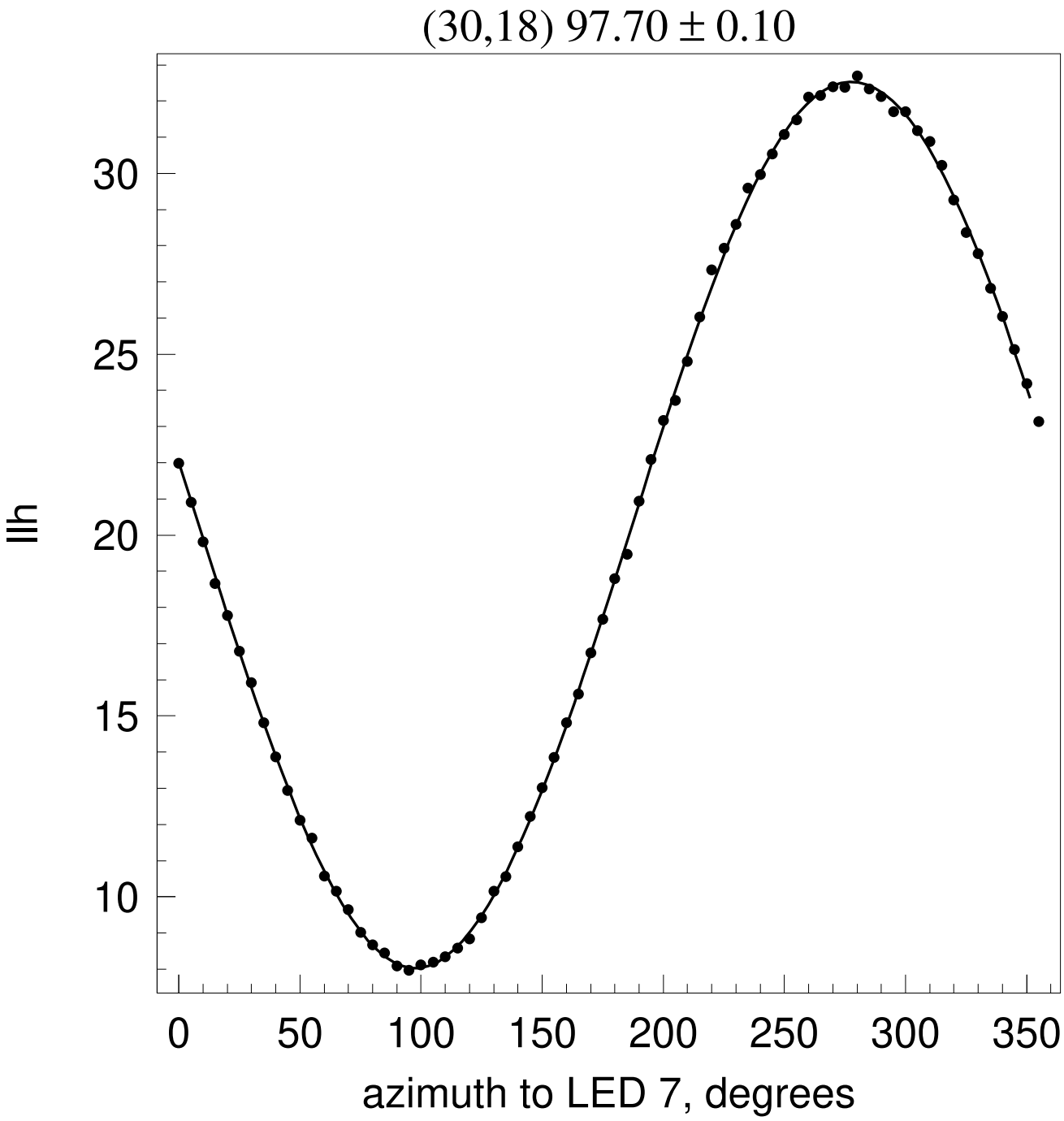

(30,13) 176.56 ± 0.08
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

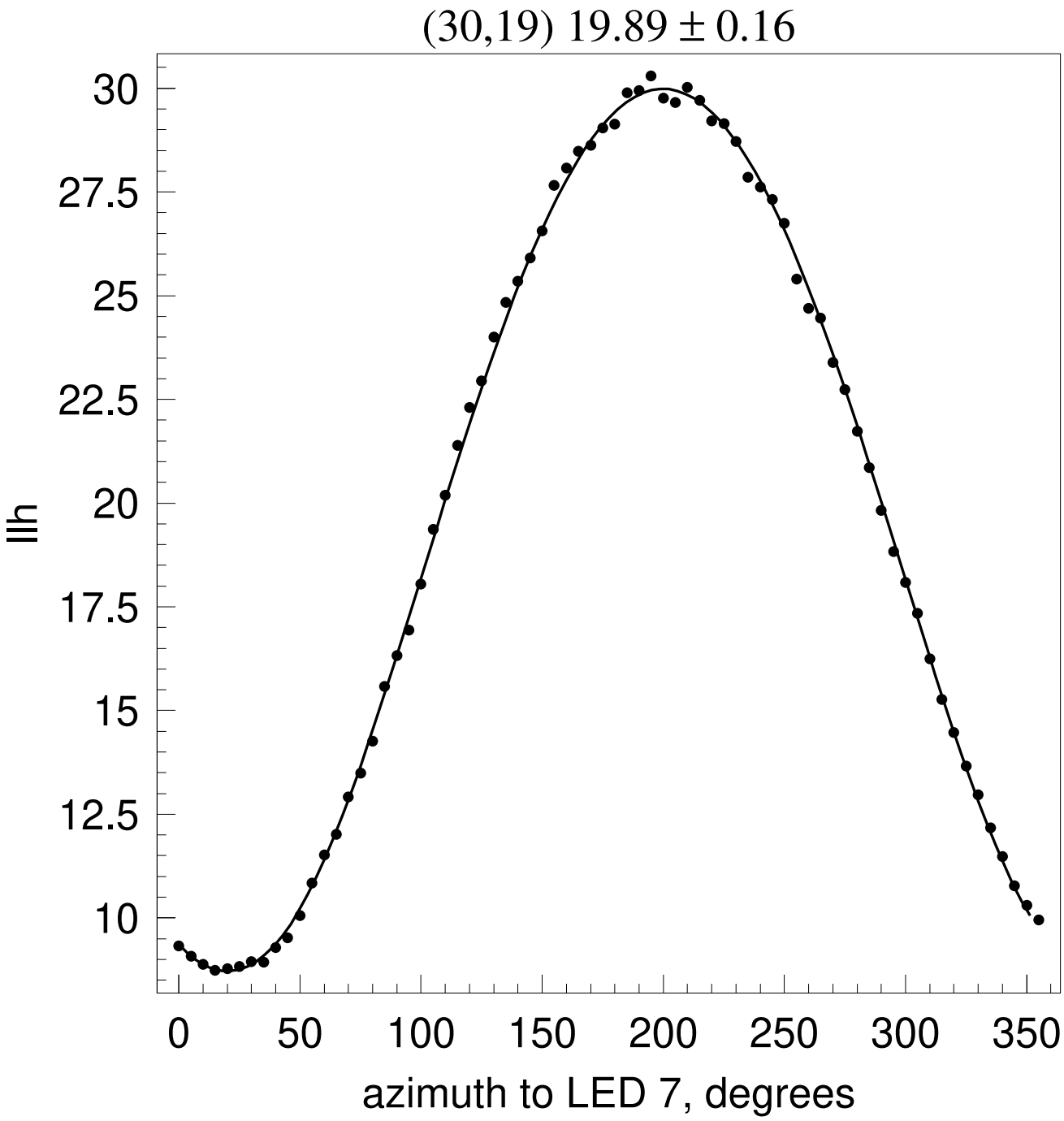

(30,14) 207.41 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

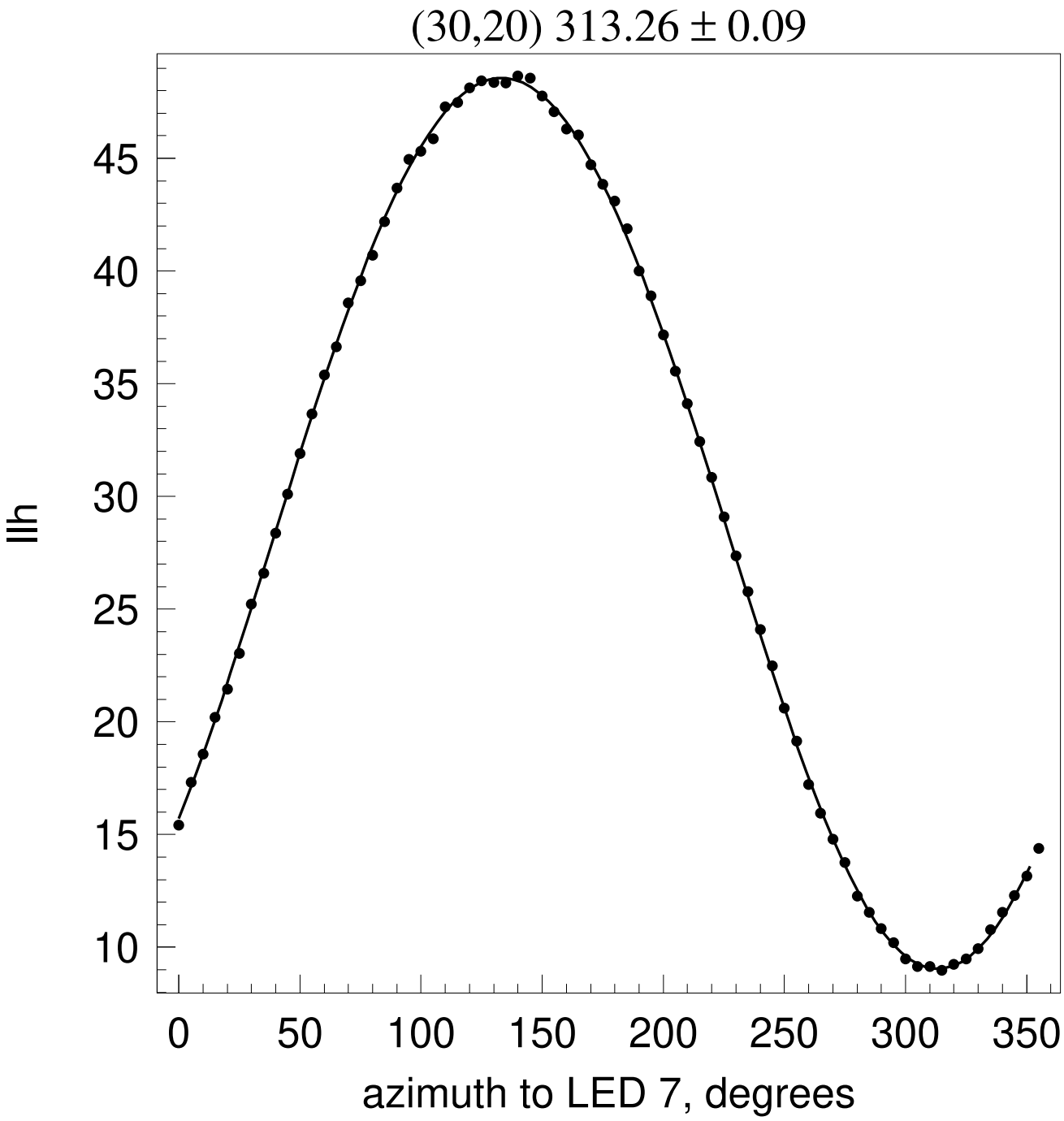

(30,15) 22.30 ± 0.06
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

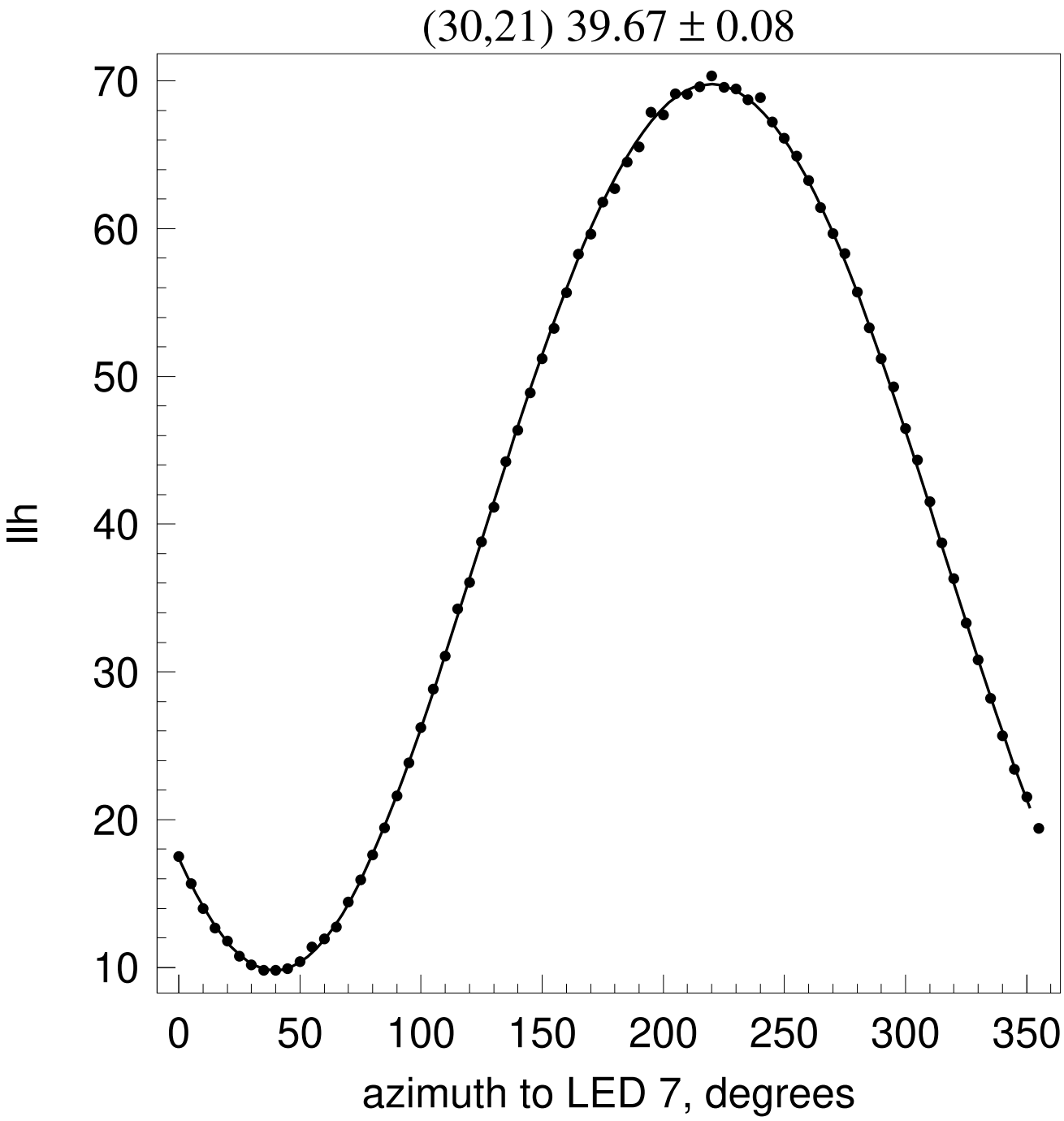

(30,16) 10.67 ± 0.06
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

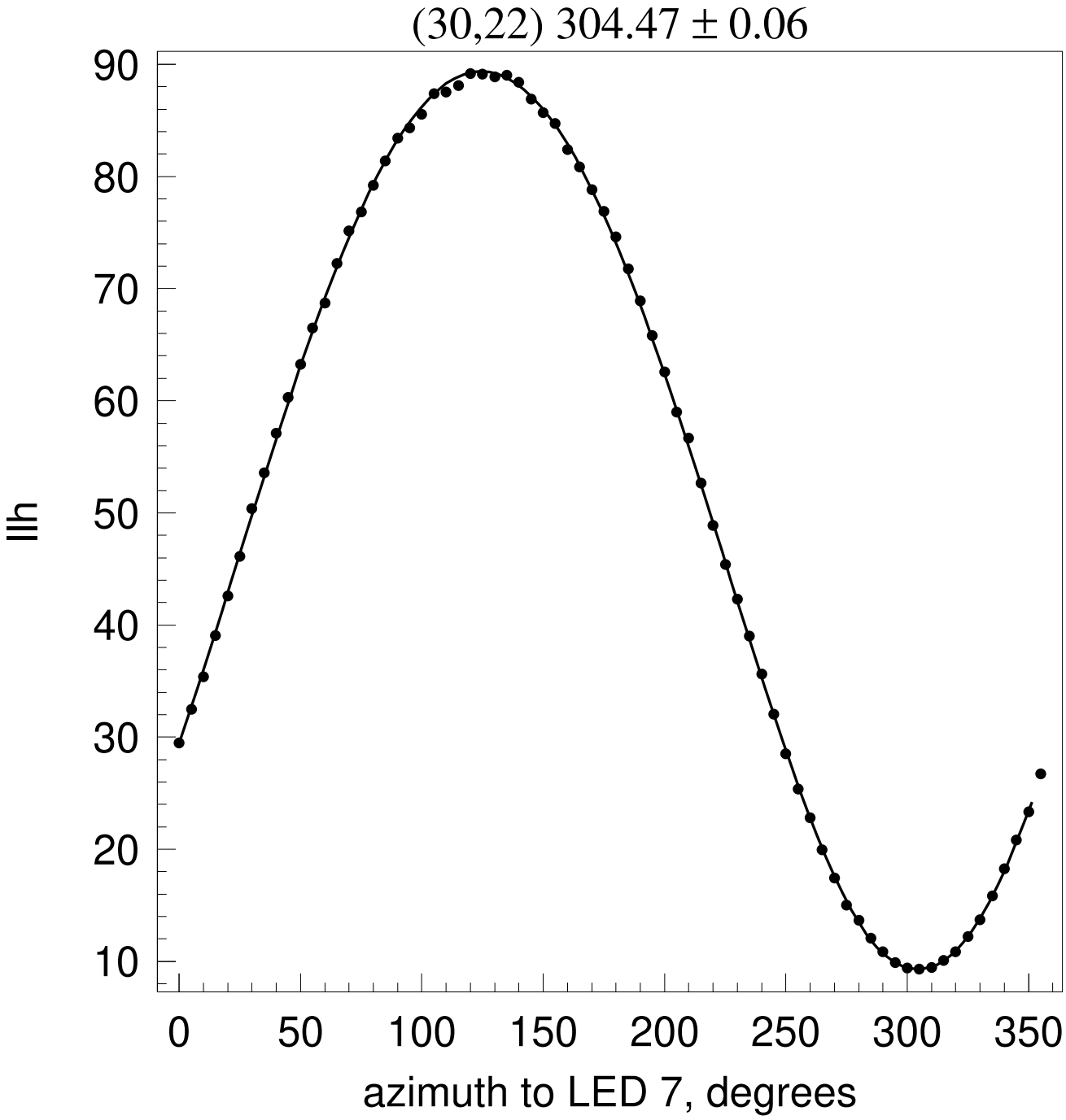

(30,17) 223.36 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

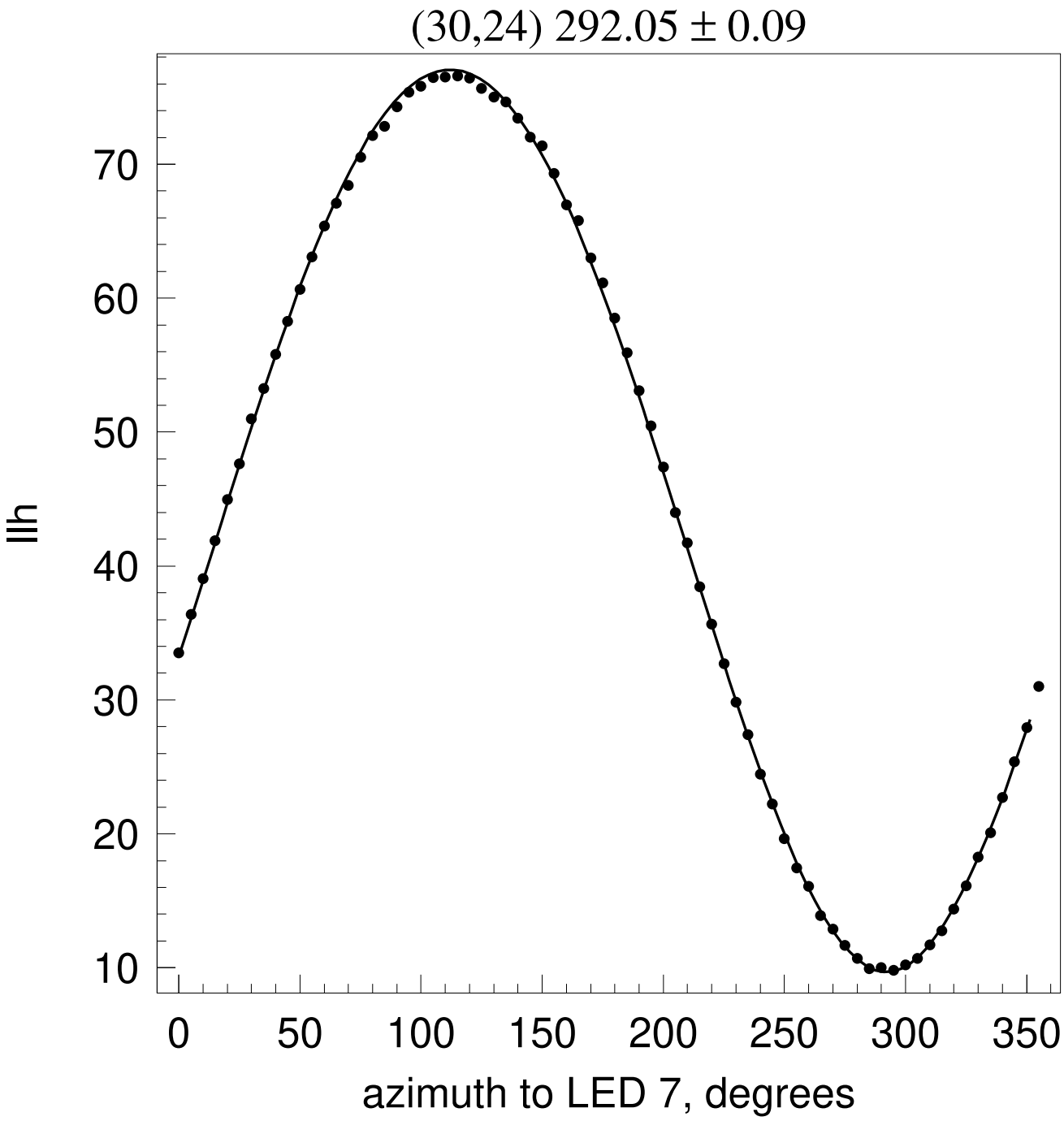

(30,18) 97.70 ± 0.10
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

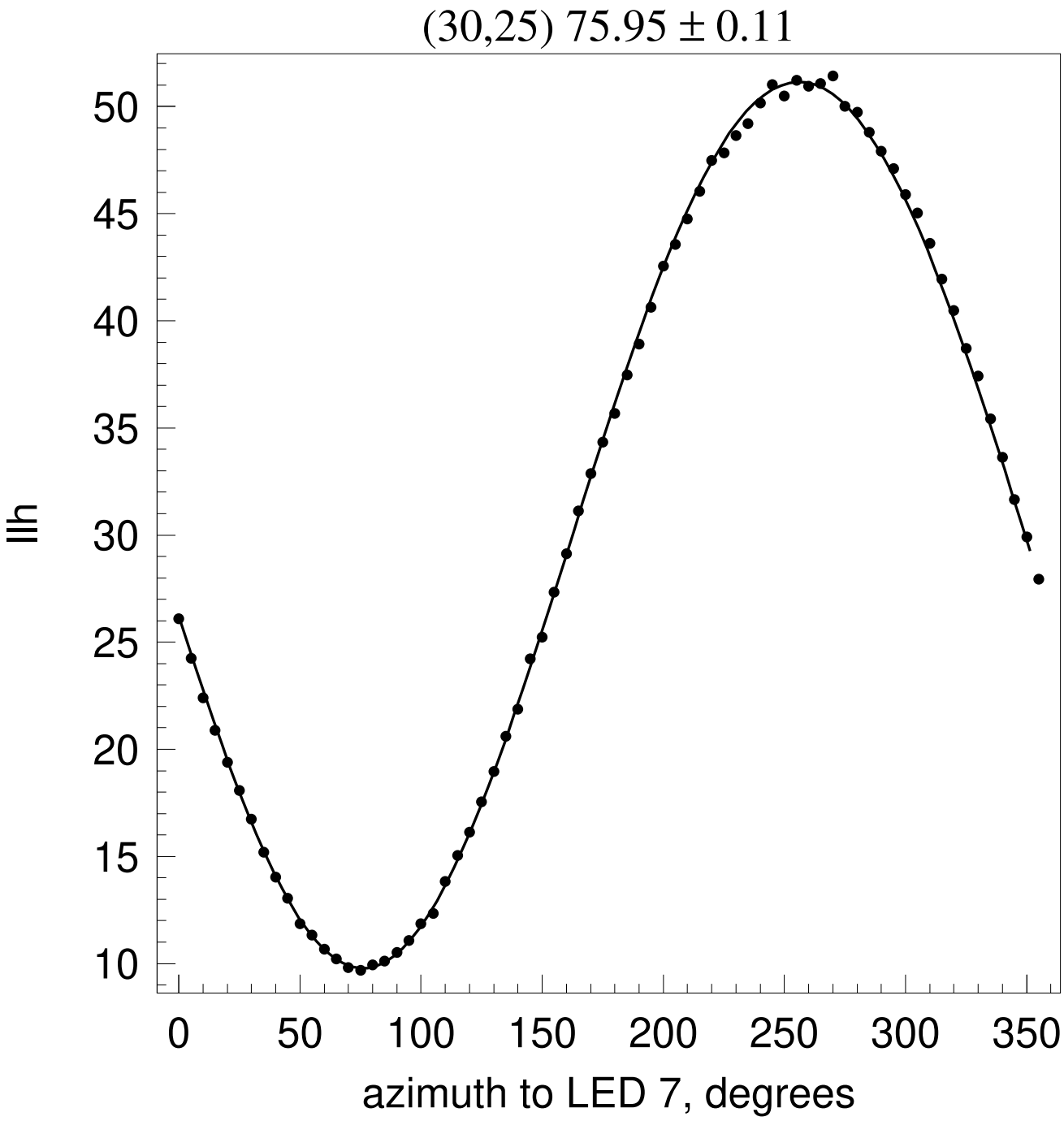

(30,19) 19.89 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

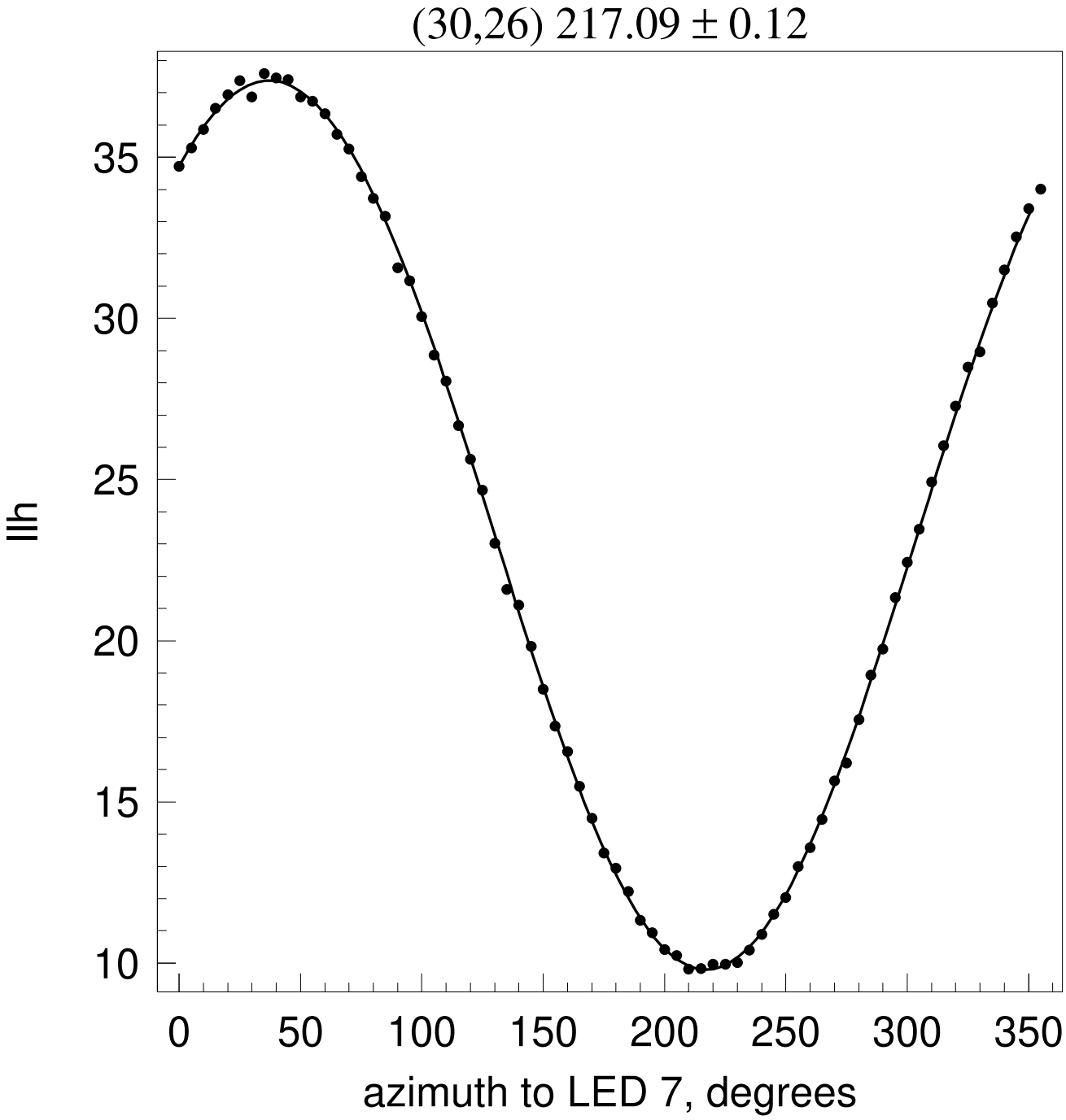

(30,20) 313.26 ± 0.09
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

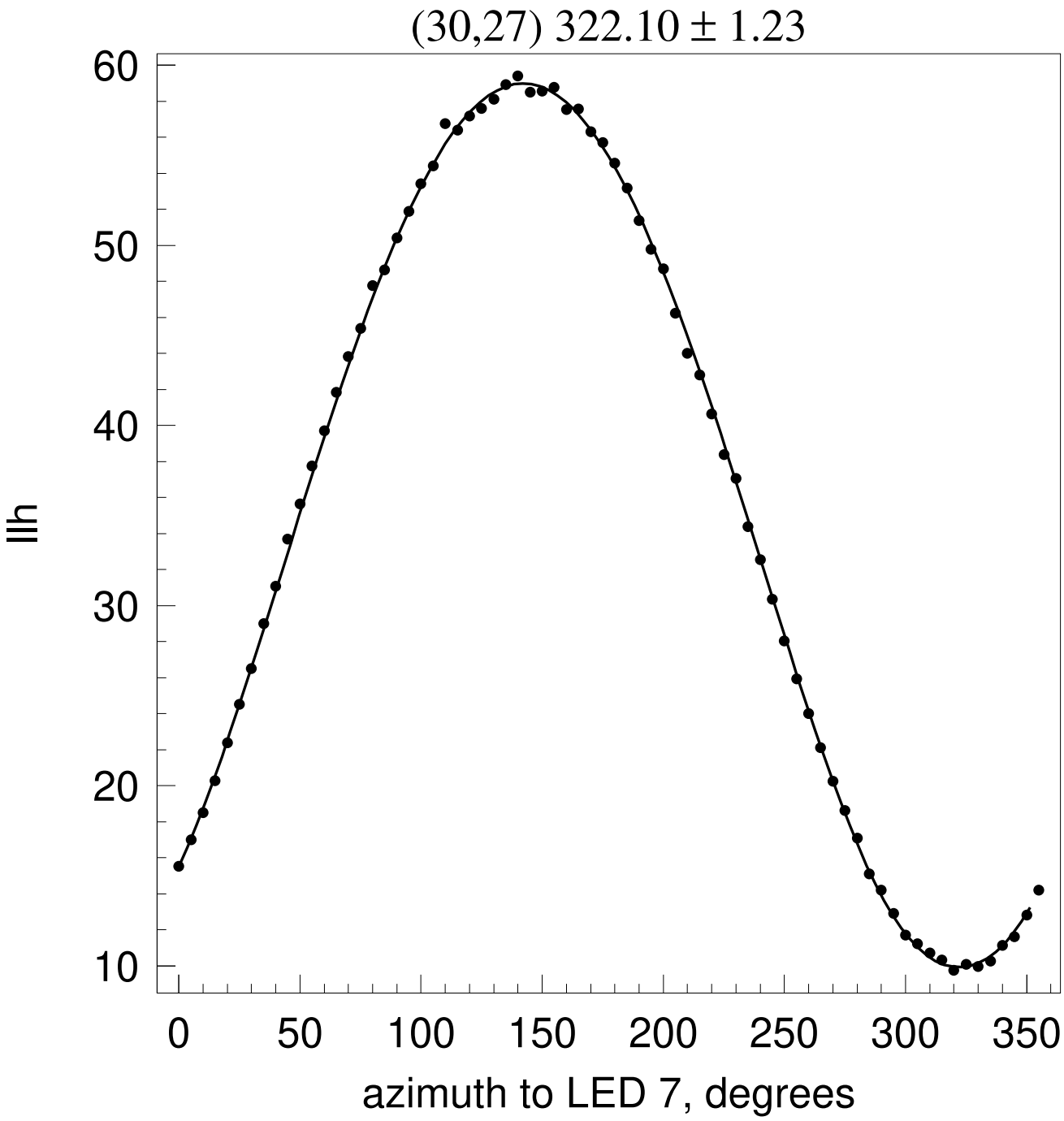

(30,21) 39.67 ± 0.08
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

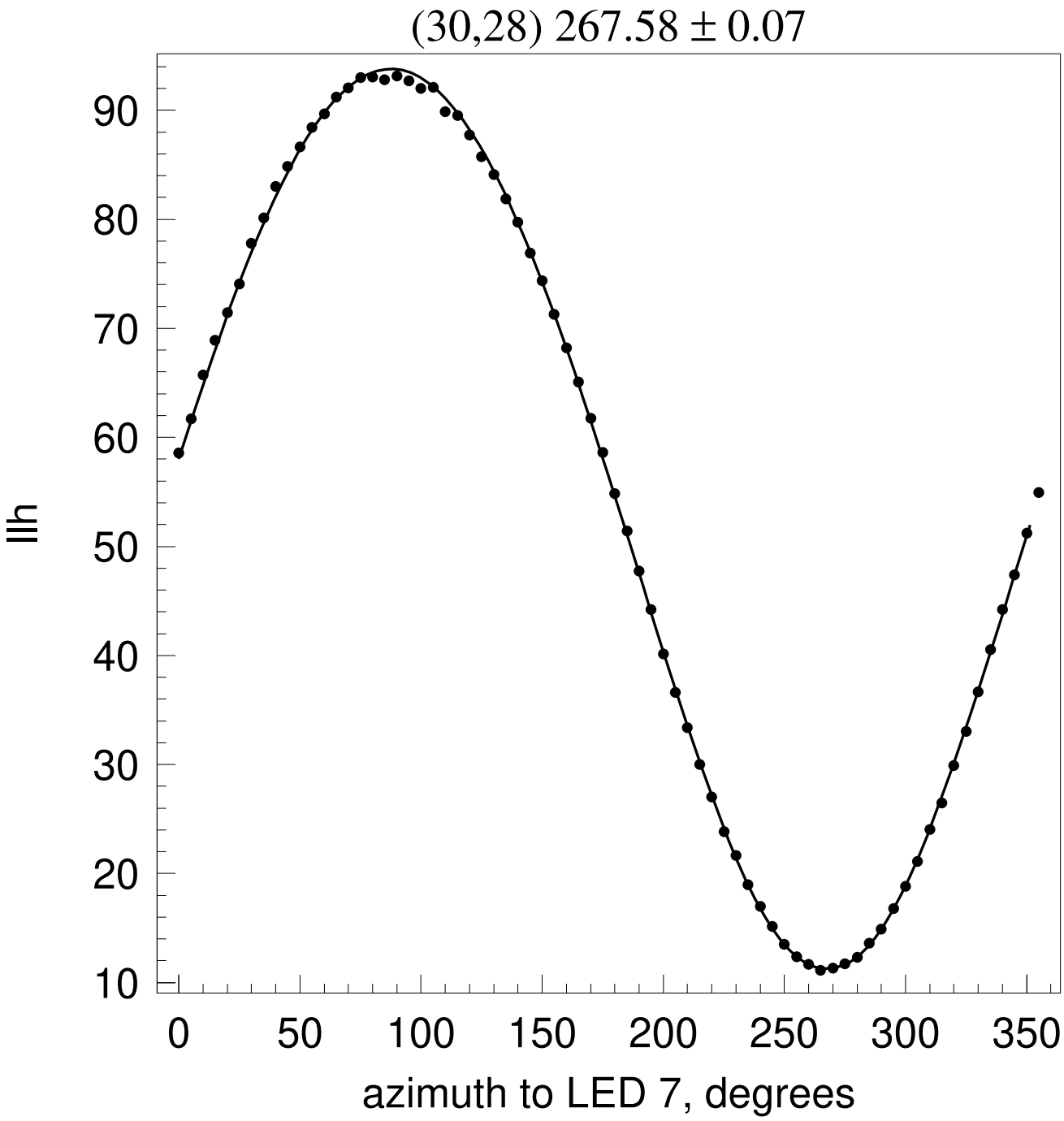

(30,22) 304.47 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

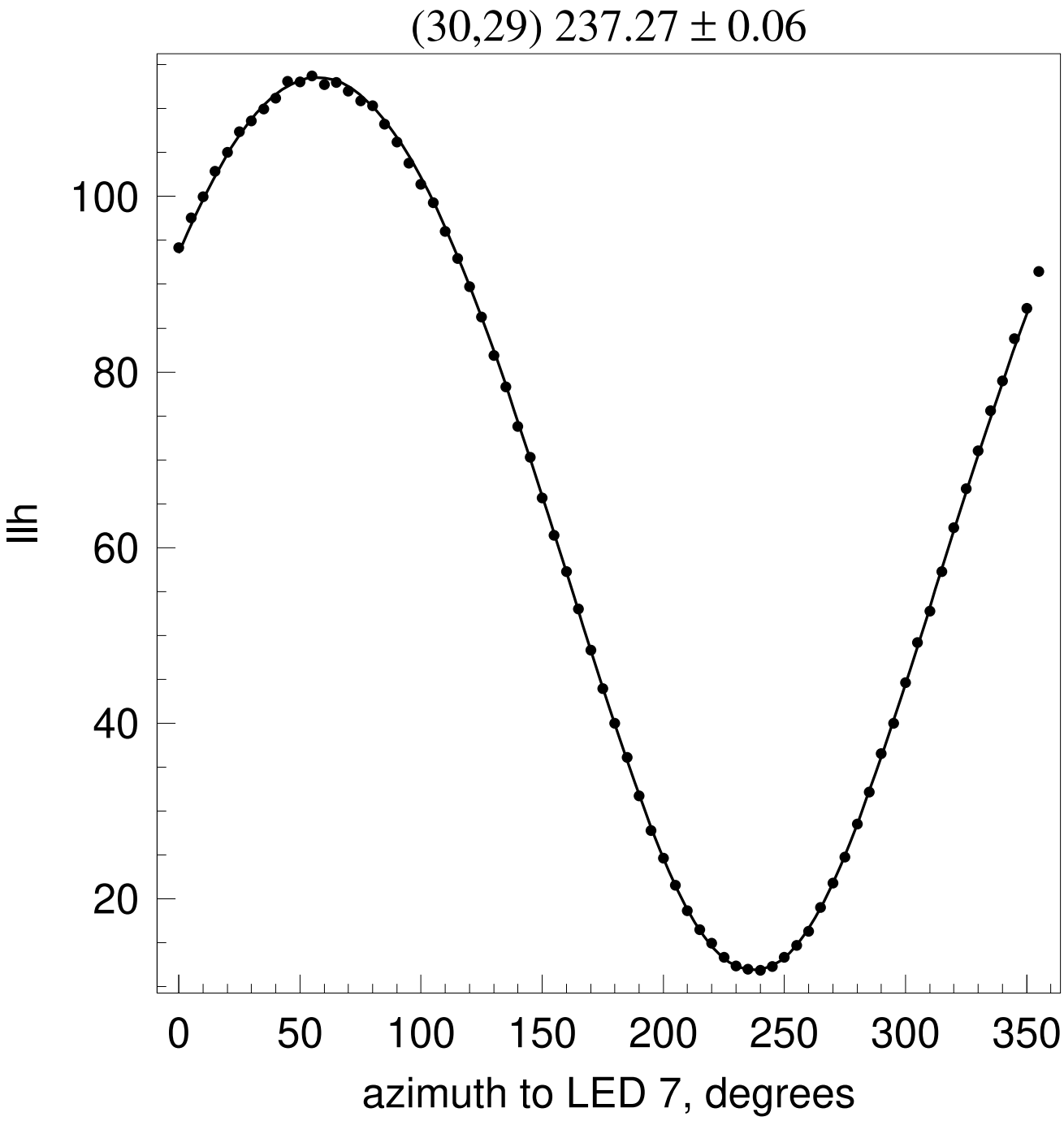

(30,24) 292.05 ± 0.09
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

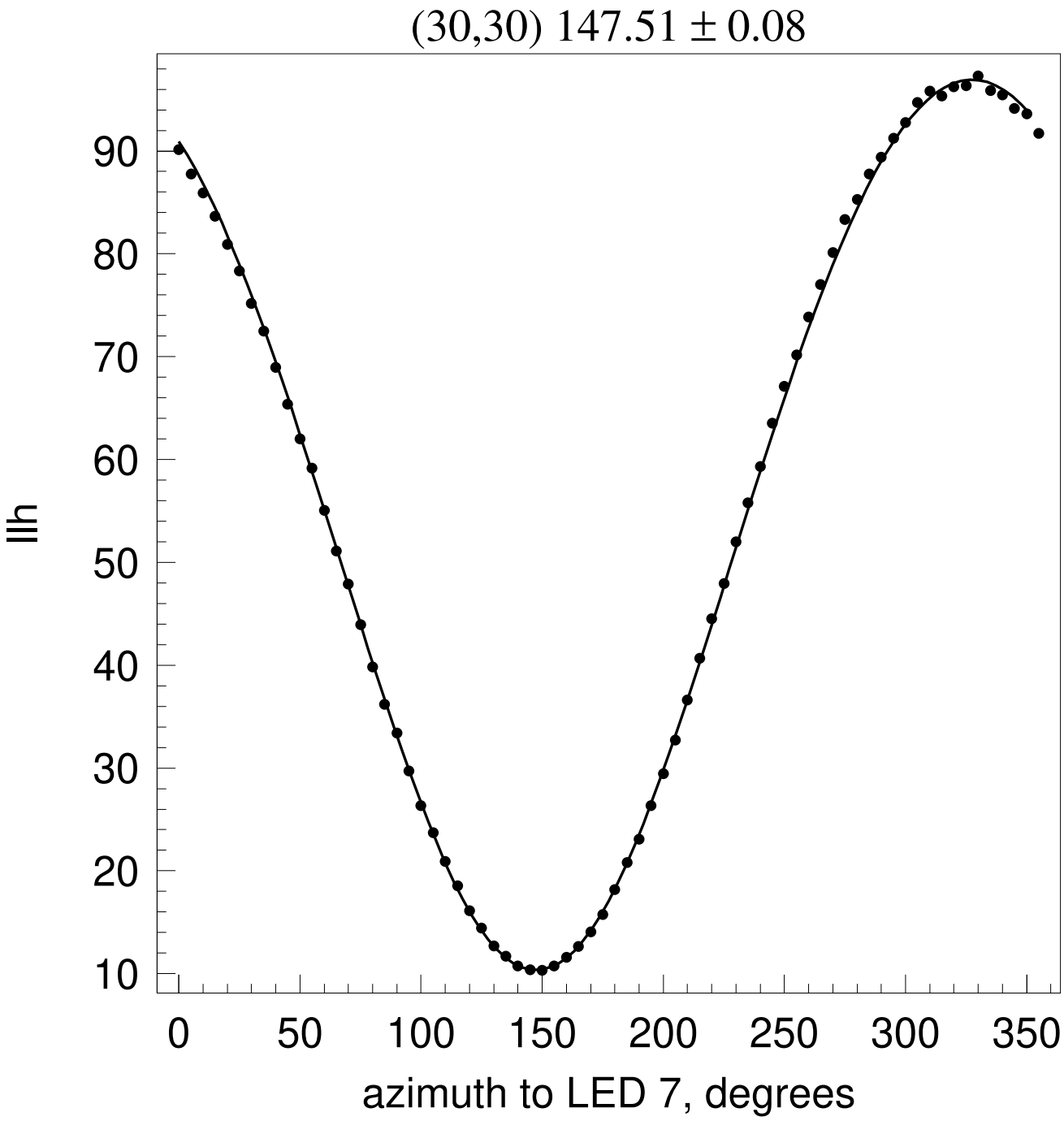

(30,25) 75.95 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

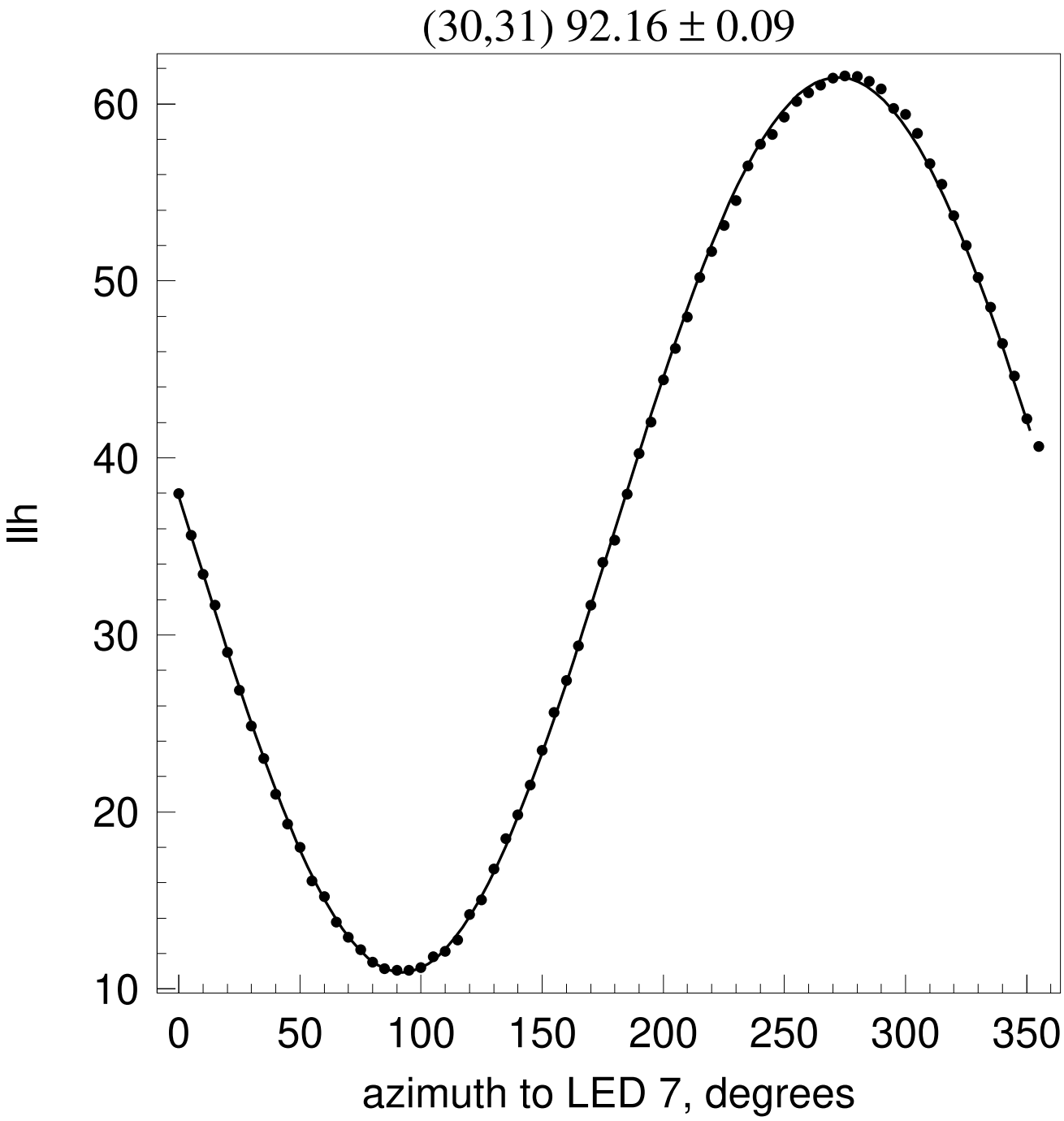

(30,26) 217.09 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

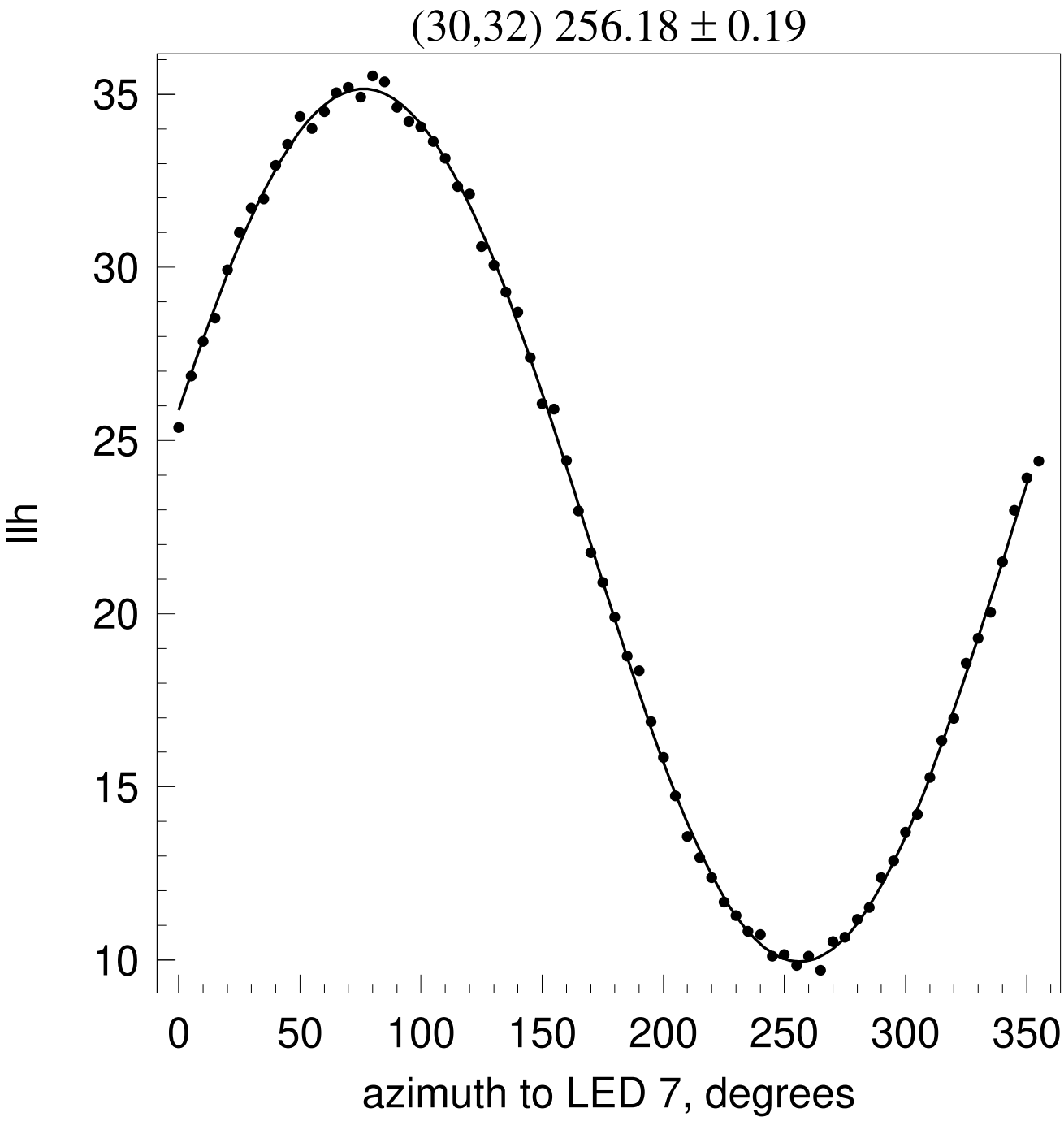

(30,27) 322.10 ± 1.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

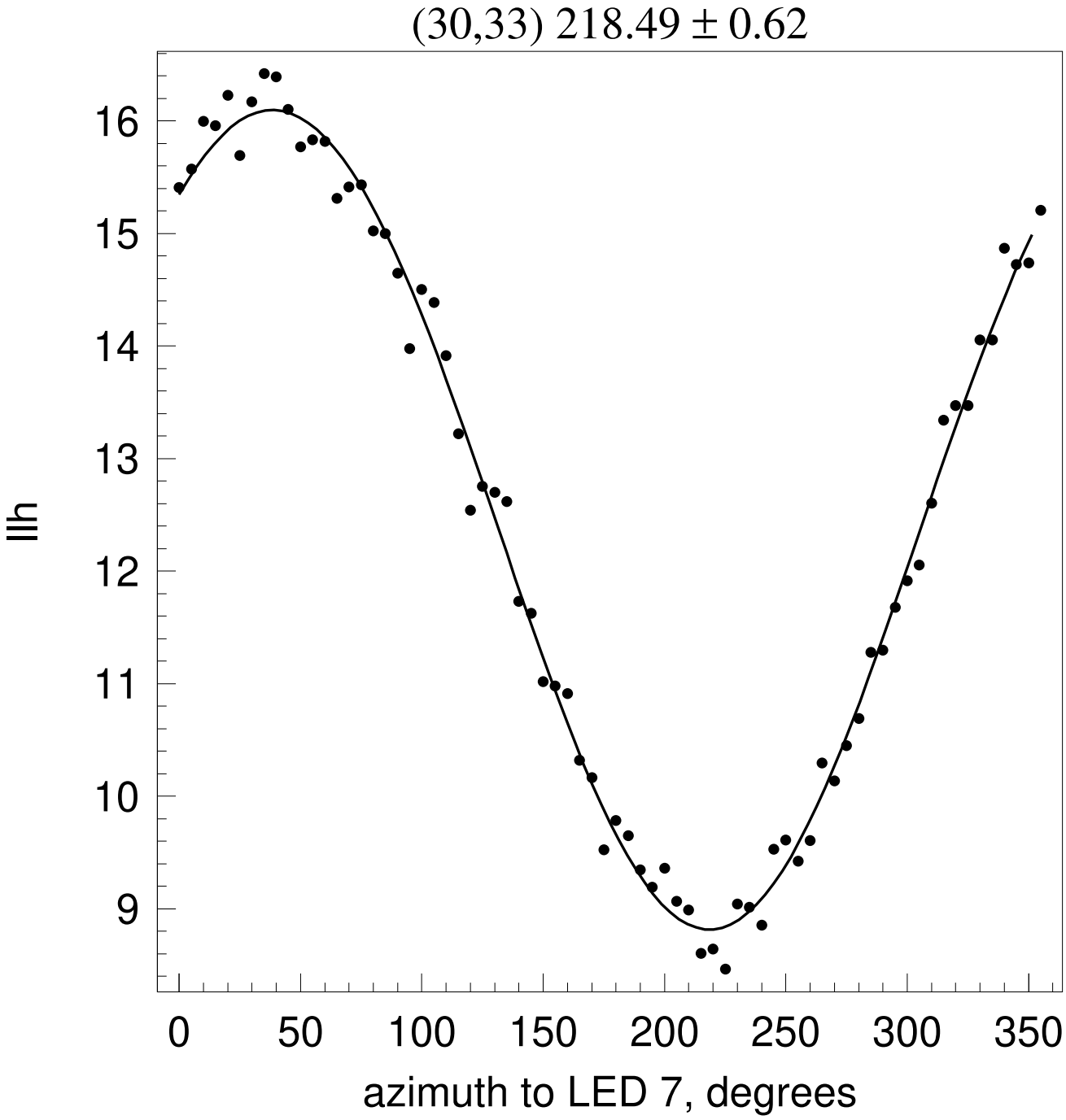

(30,28) 267.58 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

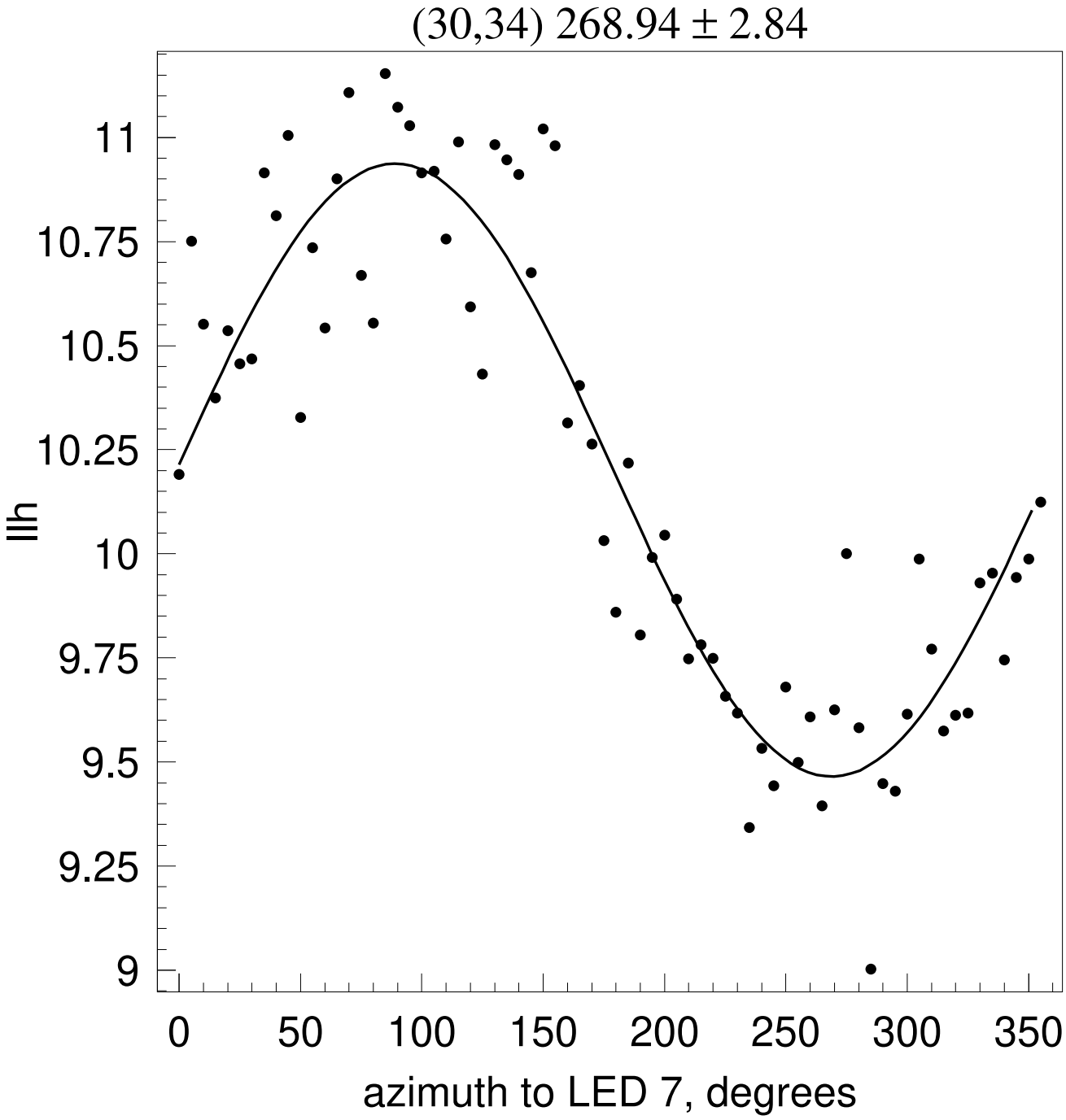

(30,29) 237.27 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

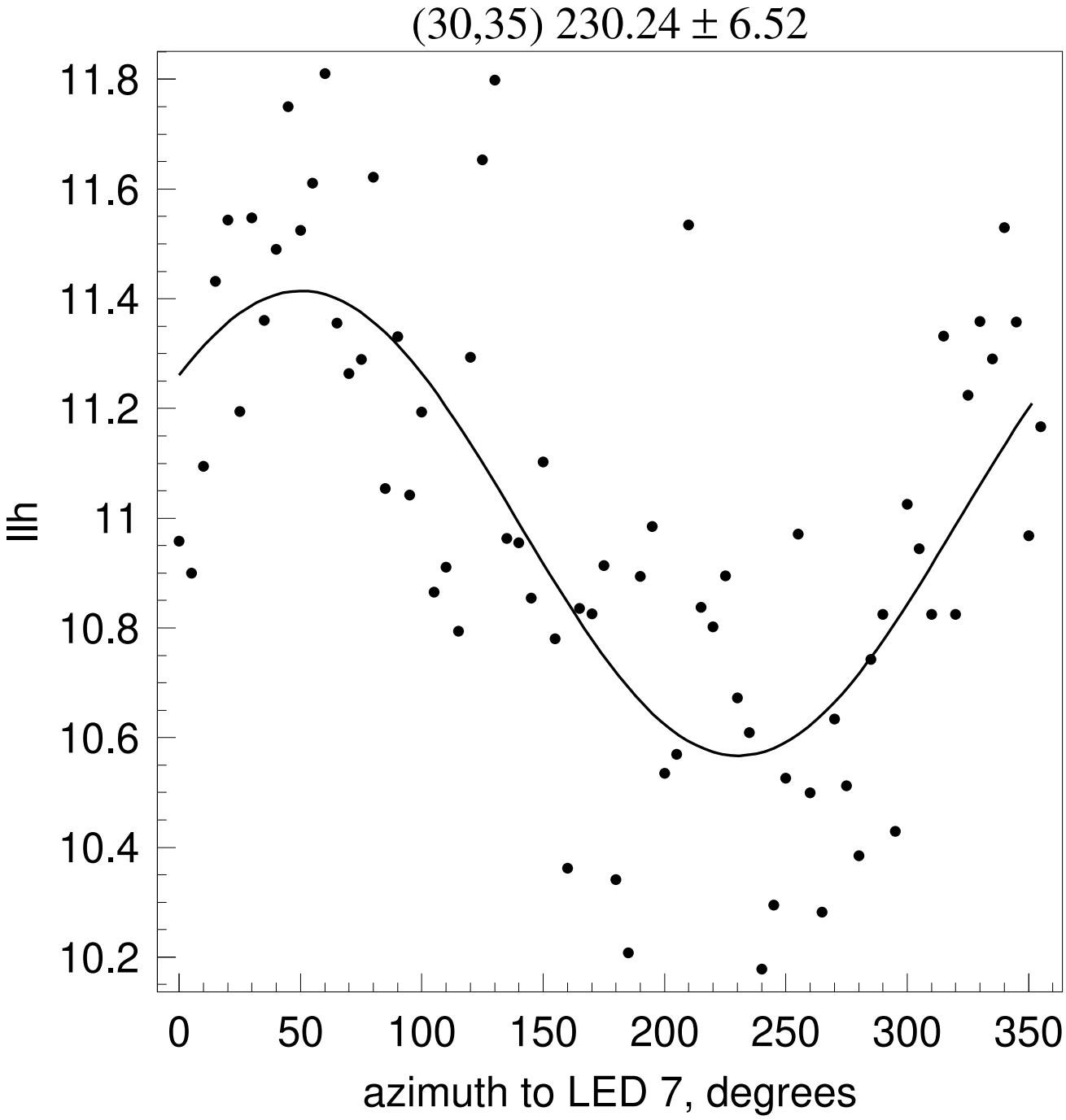

(30,30) 147.51 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

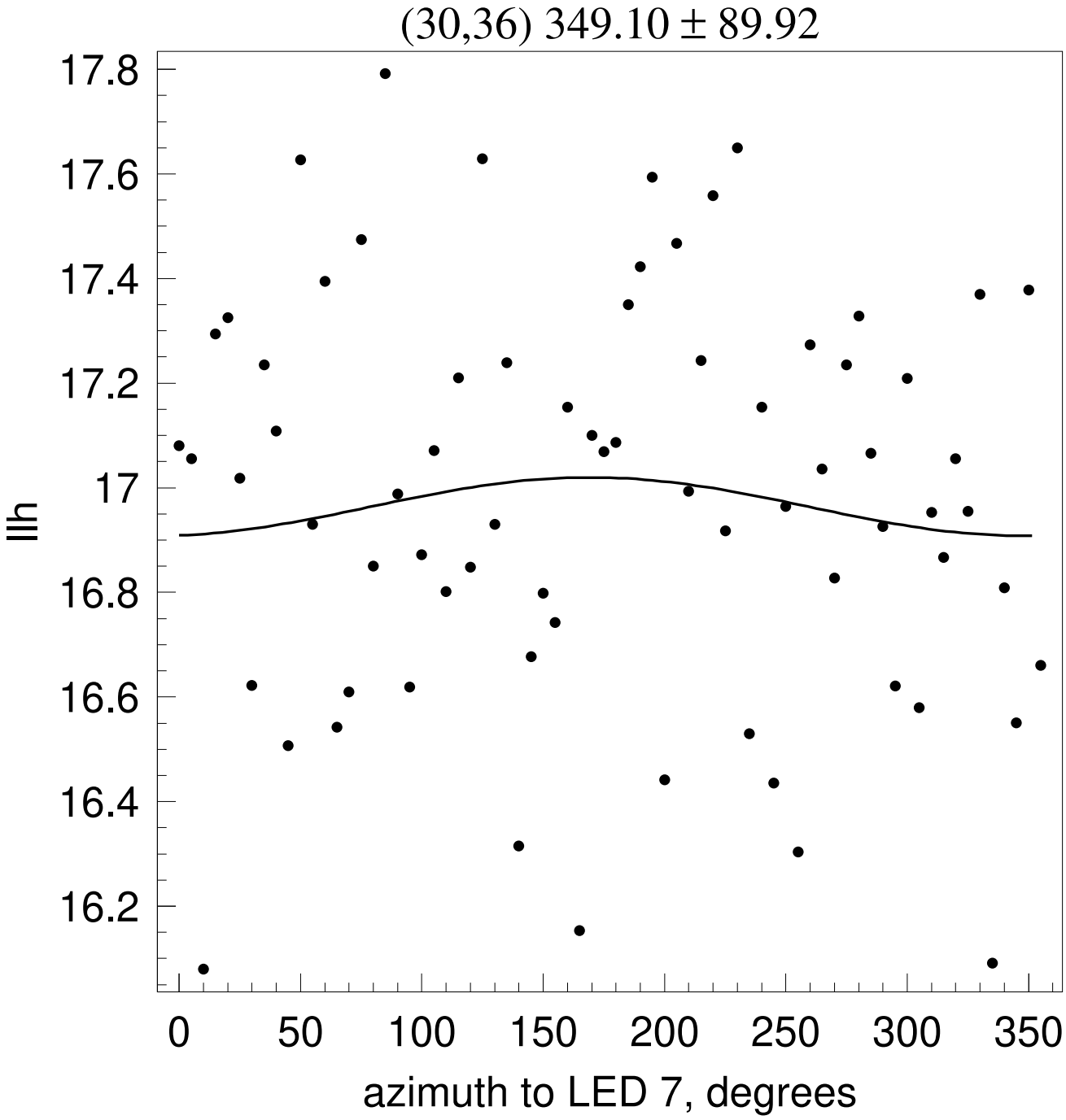

(30,31) 92.16 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

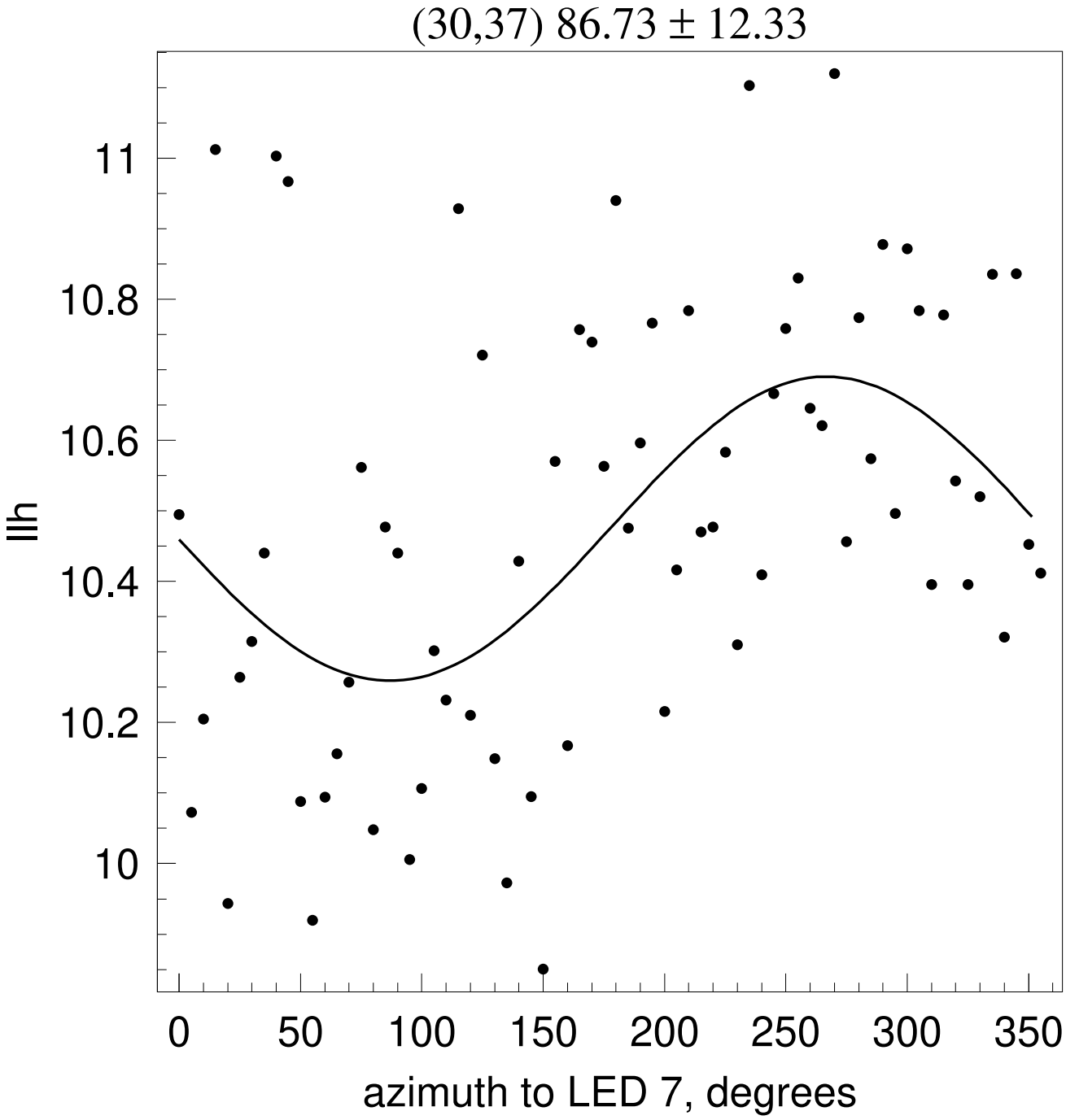

(30,32) 256.18 ± 0.19
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

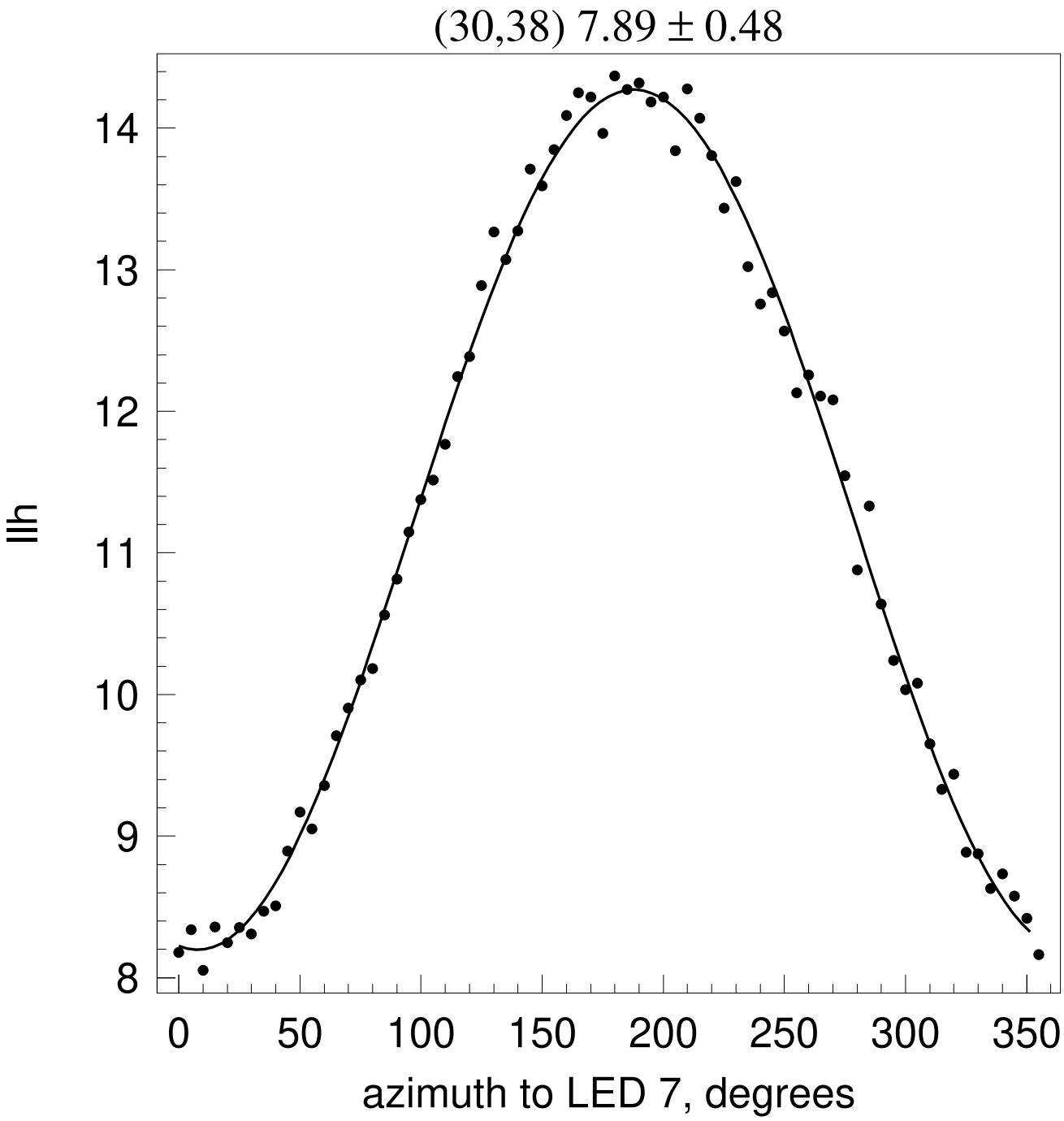

(30,33) 218.49 ± 0.62
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

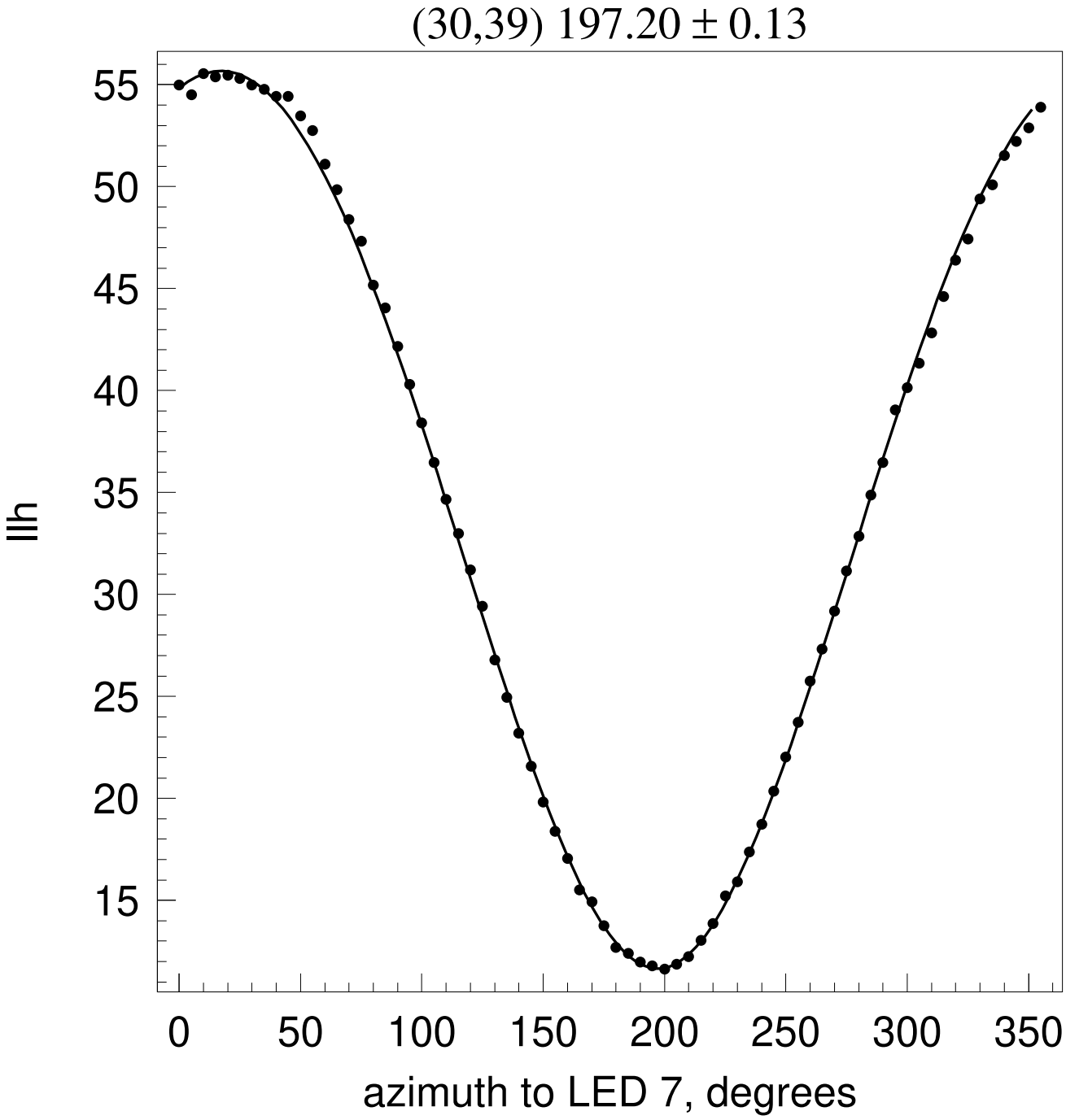

(30,34) 268.94 ± 2.84
11
10.75
10.5
10.25
10
9.75
9.5
9.25
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

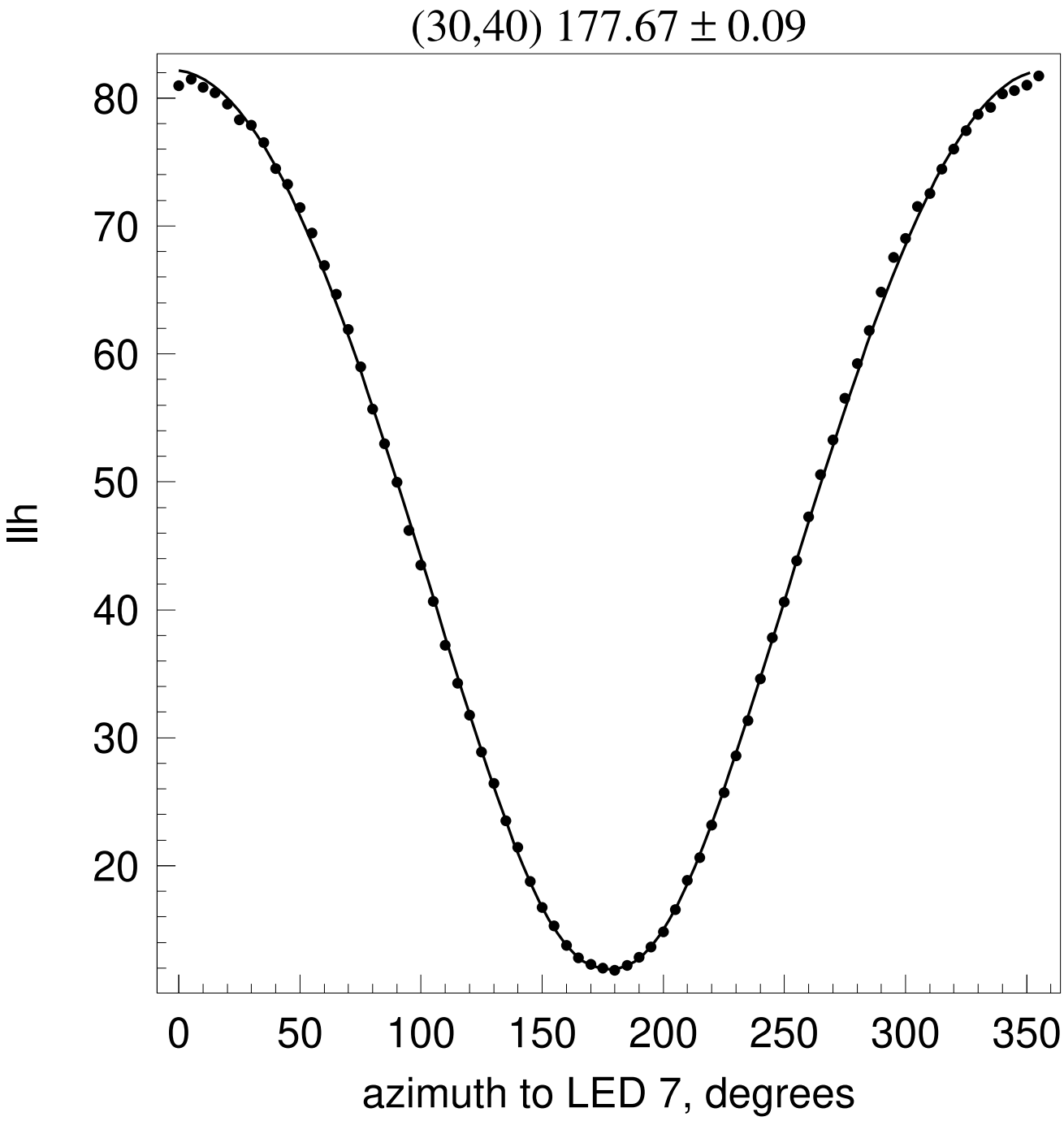

(30,35) 230.24 ± 6.52
11.8
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

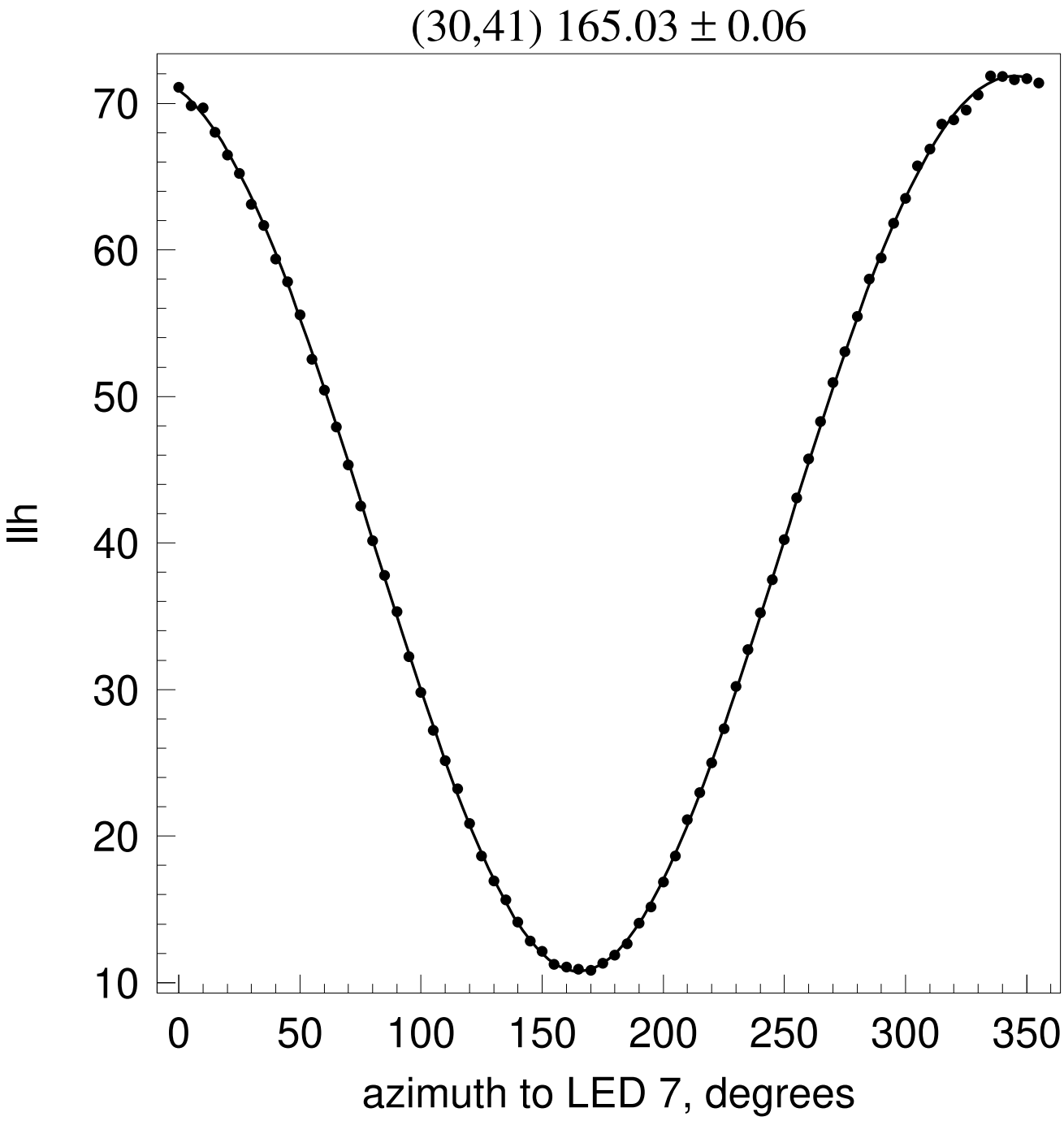

(30,36) 349.10 ± 89.92
17.8
17.6
17.4
17.2
17
16.8
16.6
16.4
16.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

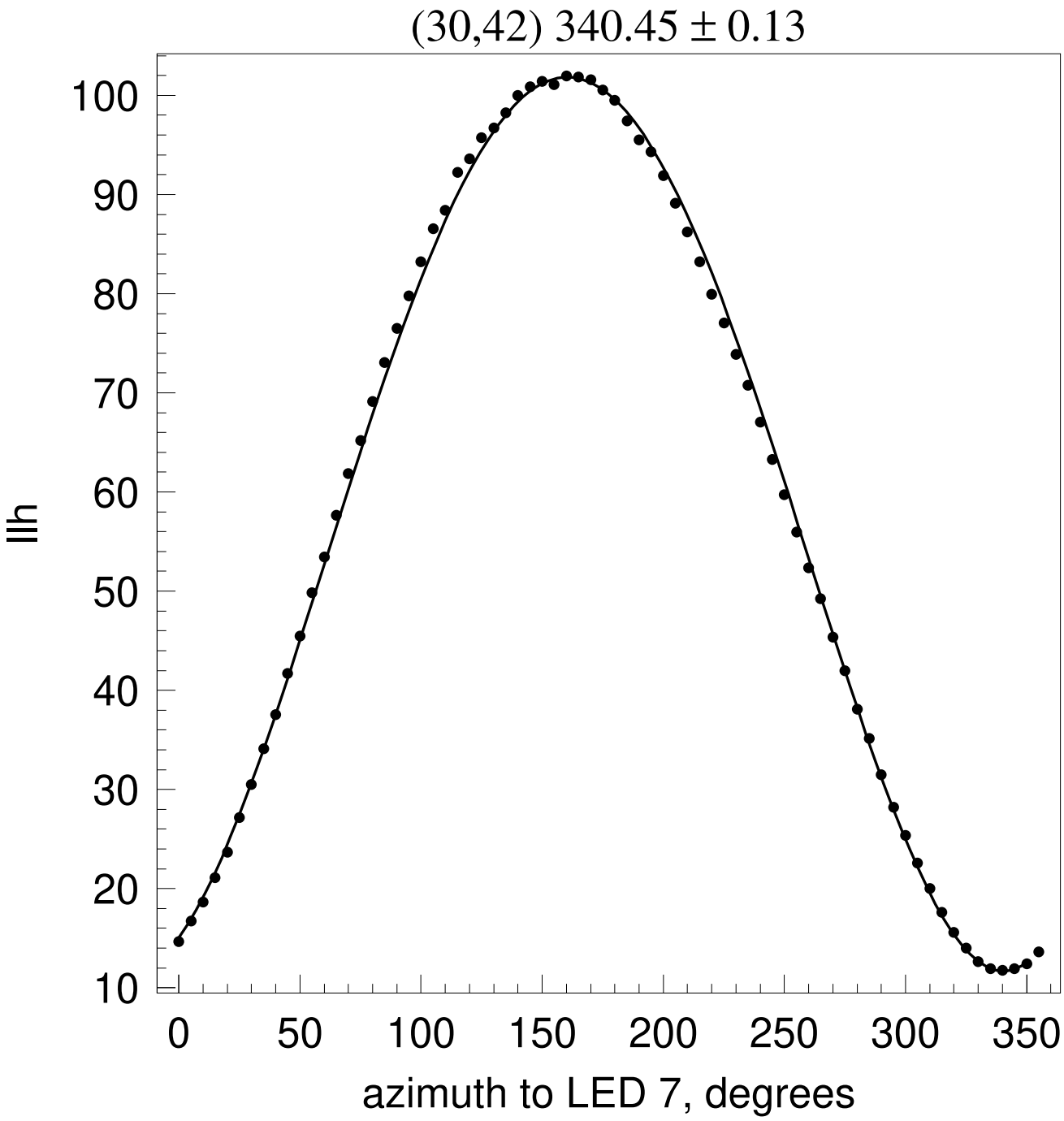

(30,37) 86.73 ± 12.33
11
10.8
10.6
10.4
10.2
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

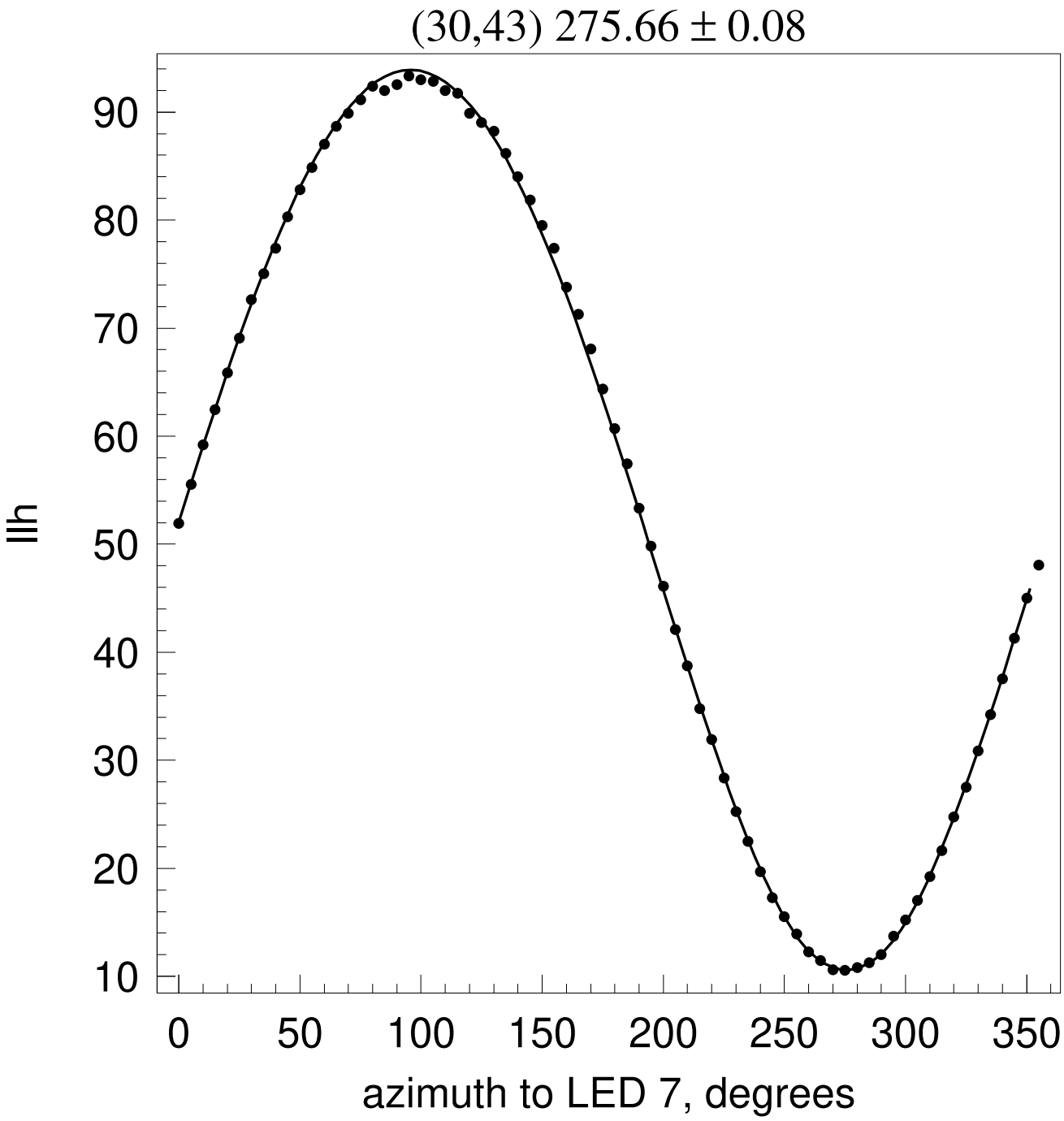

(30,38) 7.89 ± 0.48
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

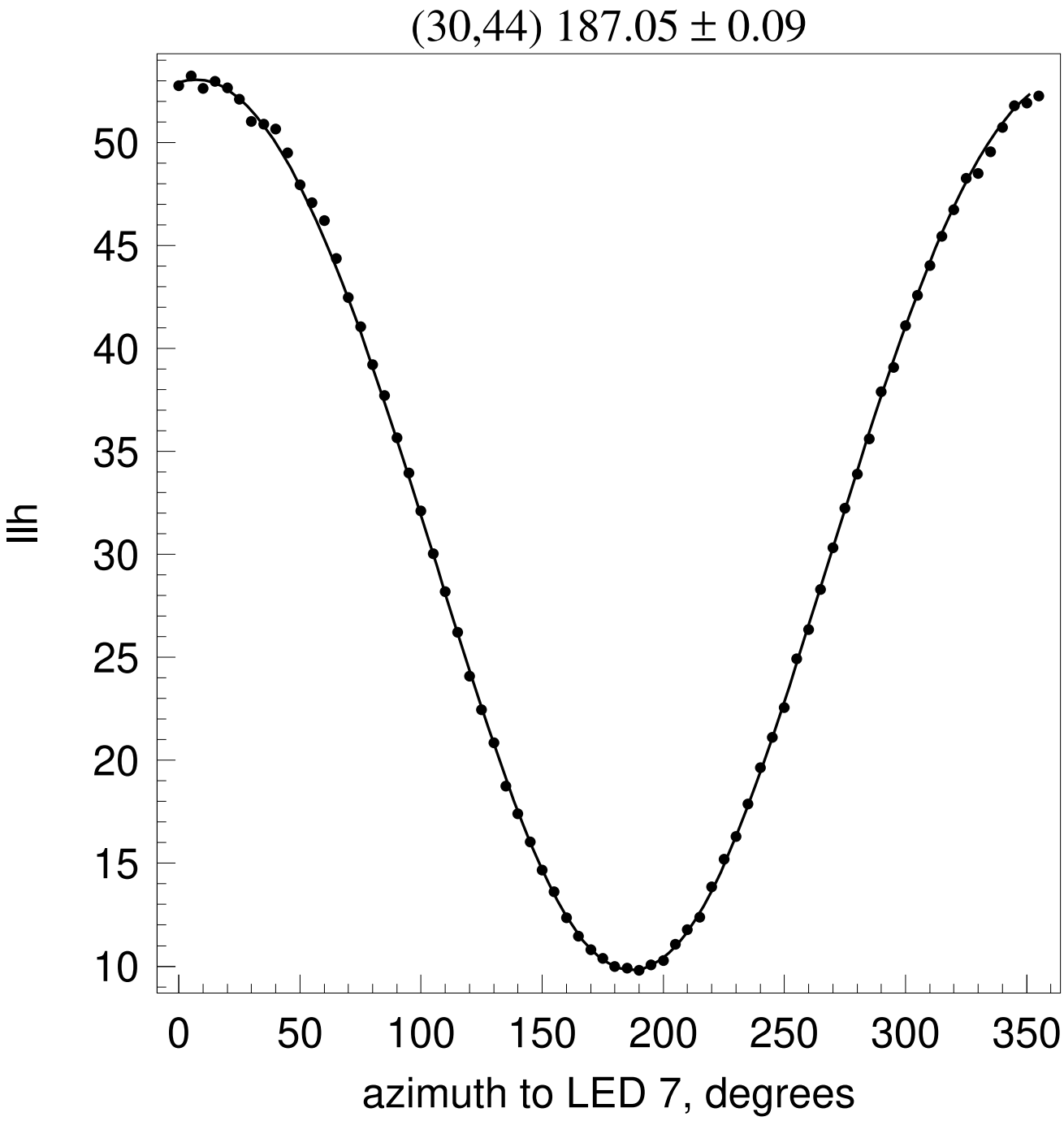

(30,39) 197.20 ± 0.13
55
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

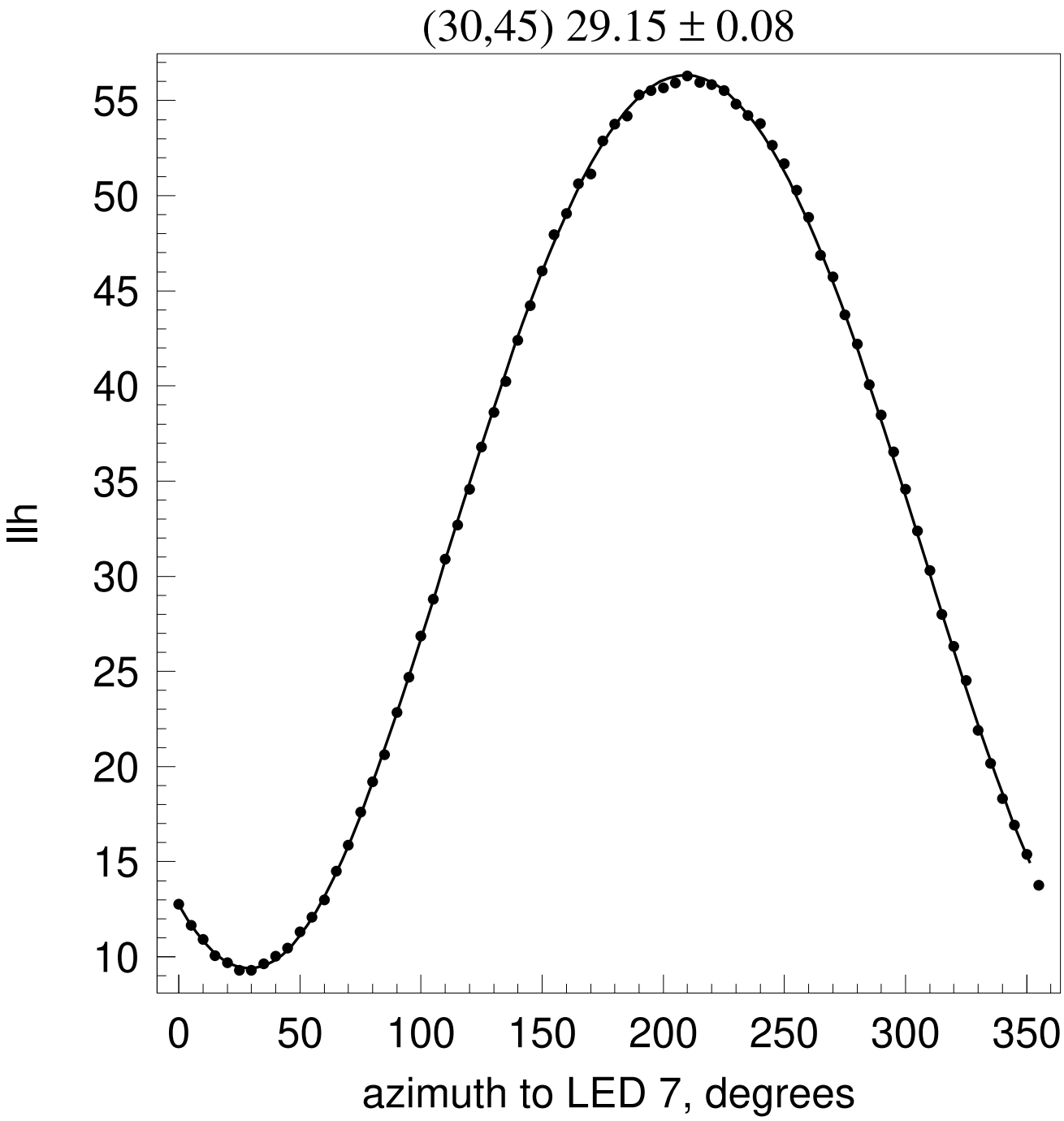

(30,40) 177.67 ± 0.09
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

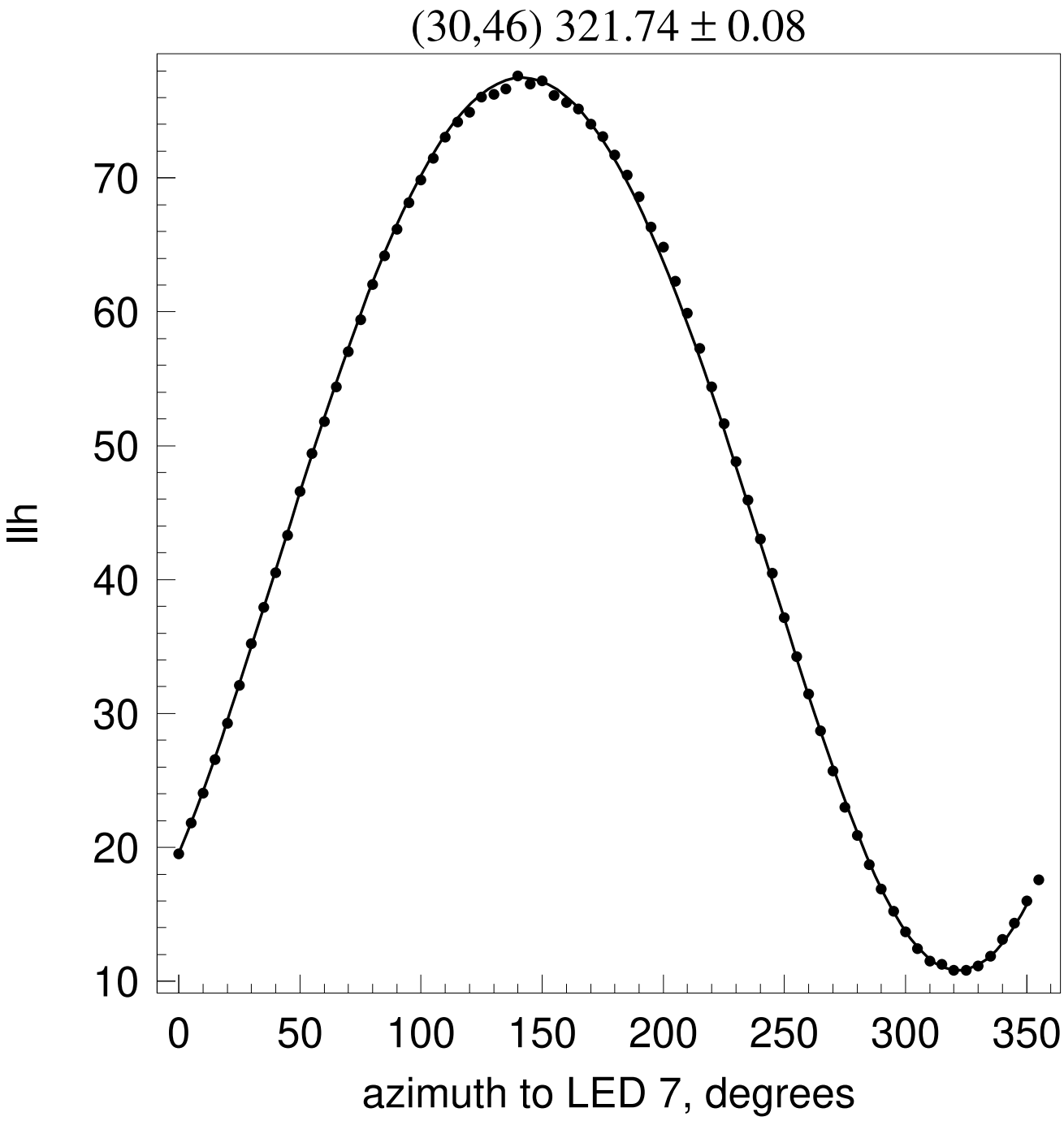

(30,41) 165.03 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

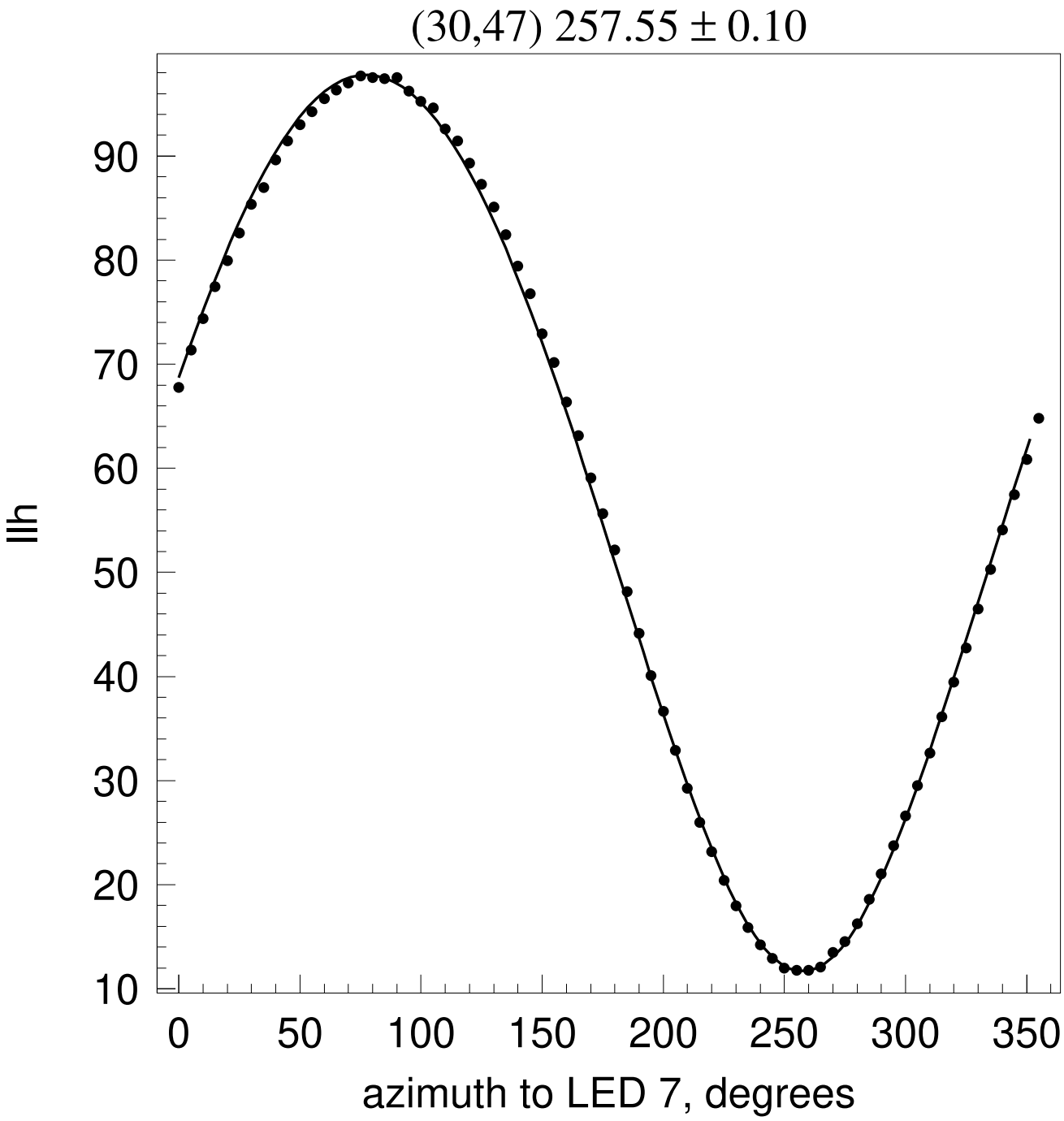

(30,42) 340.45 ± 0.13
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

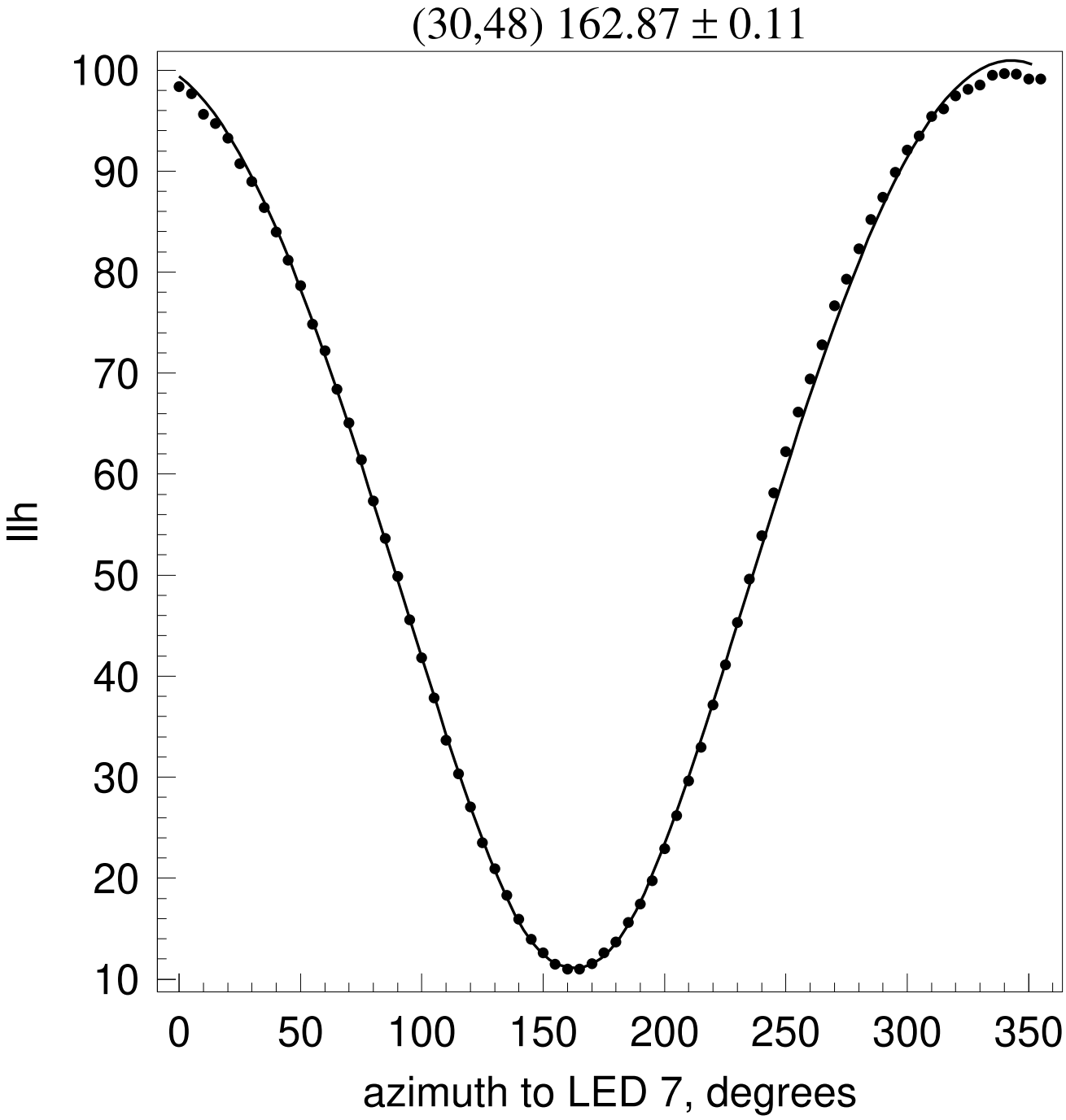

(30,43) 275.66 ± 0.08
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

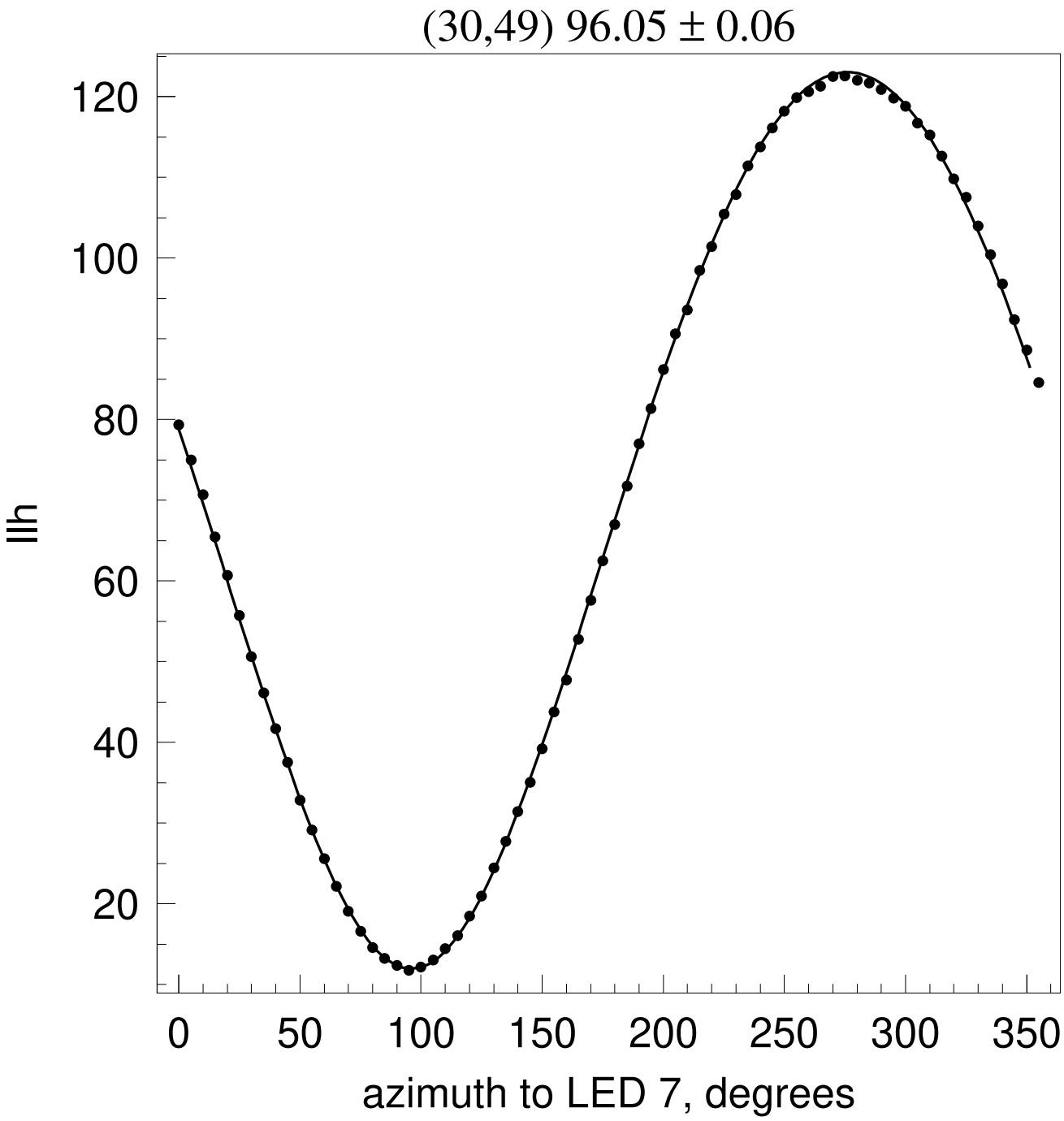

(30,44) 187.05 ± 0.09
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

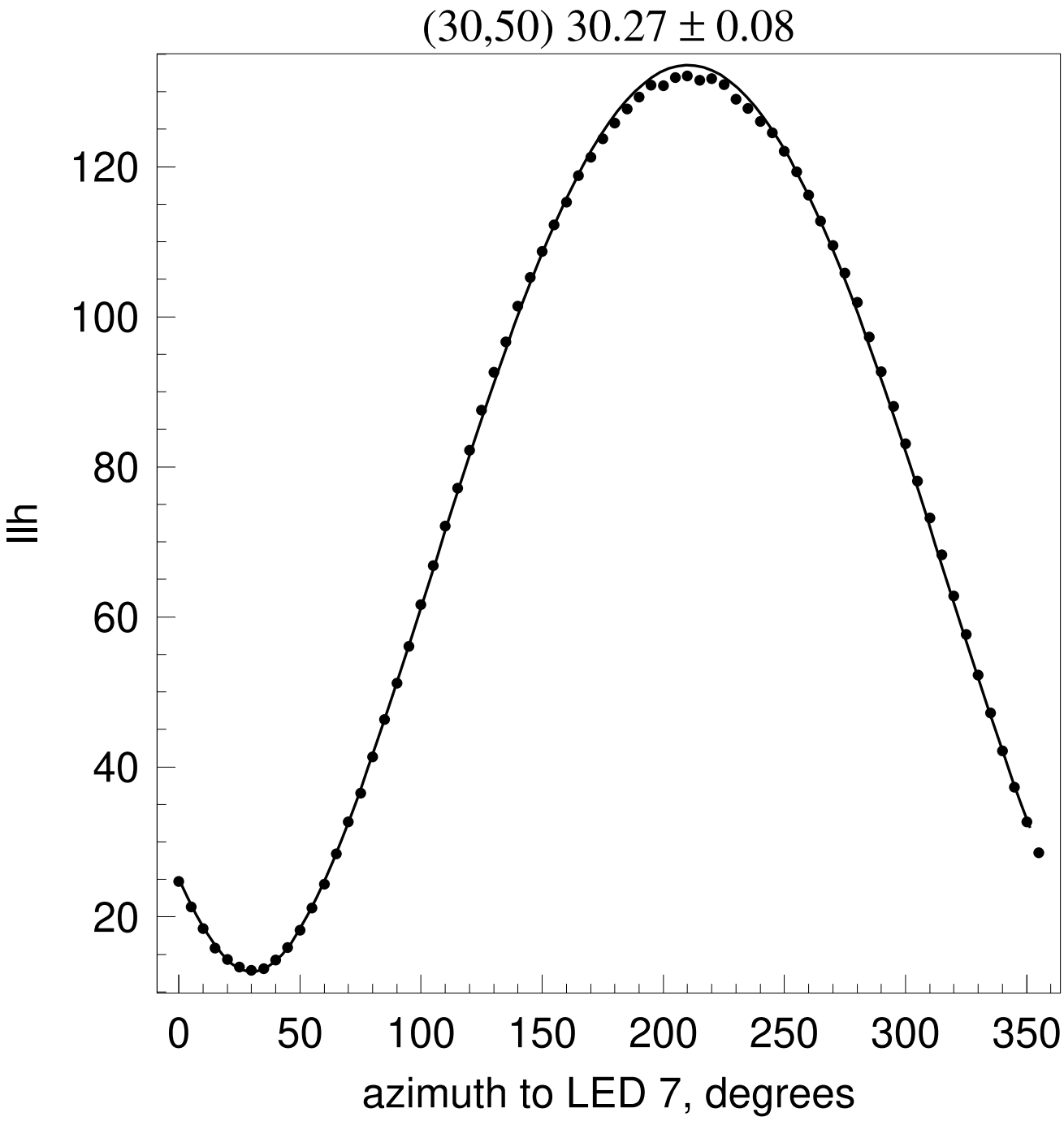

(30,45) 29.15 ± 0.08
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

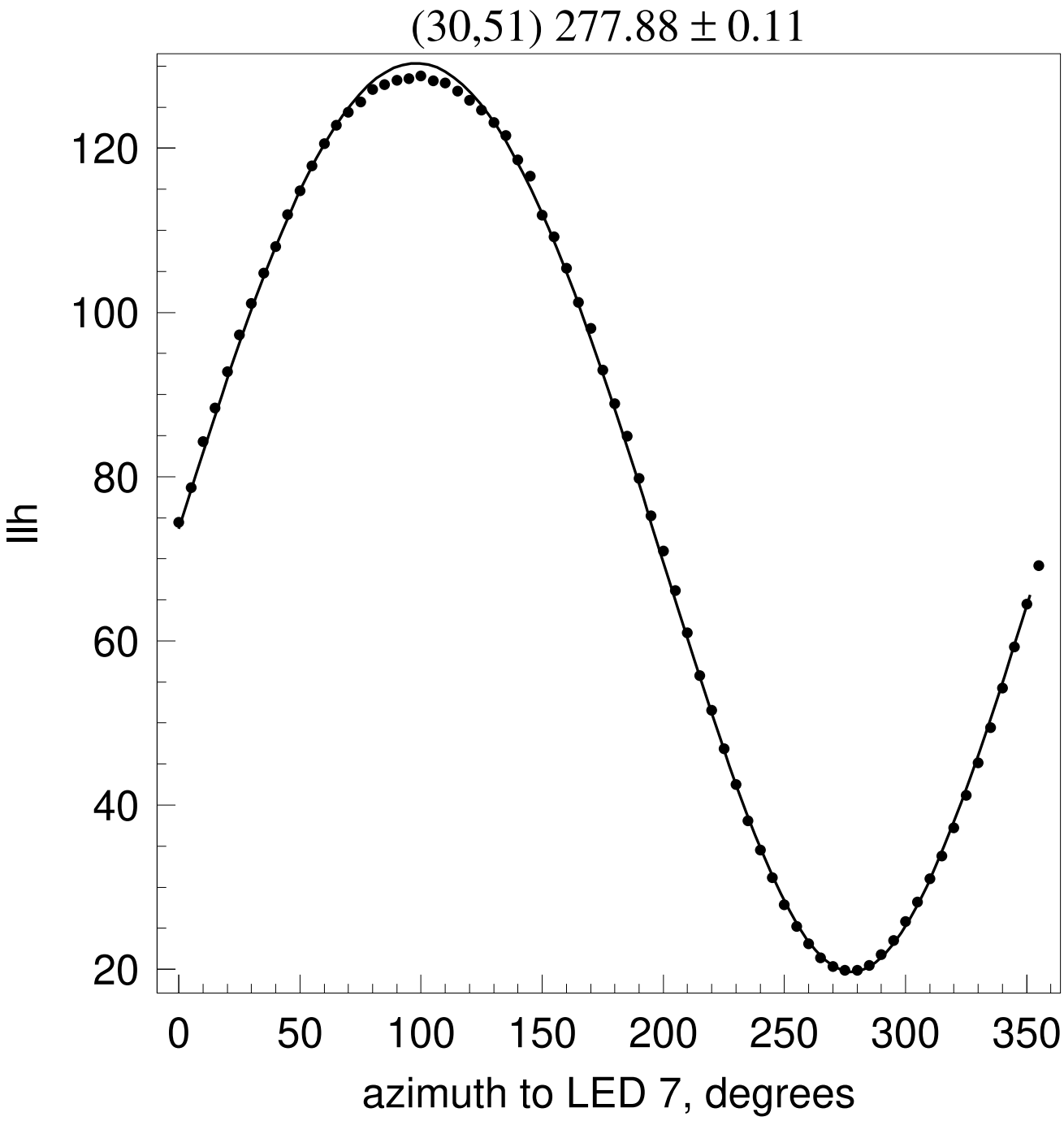

(30,46) 321.74 ± 0.08
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

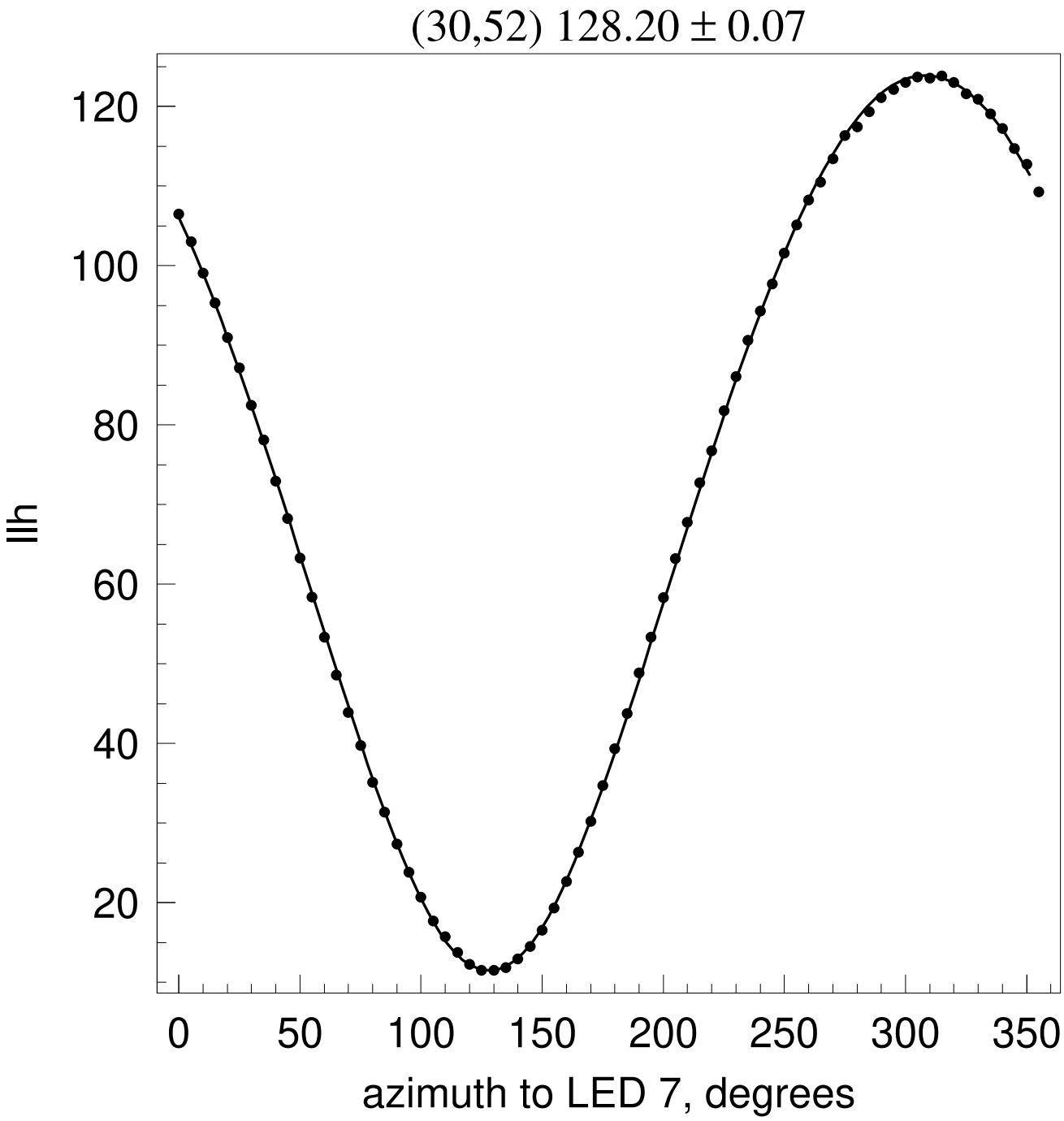

(30,47) 257.55 ± 0.10
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

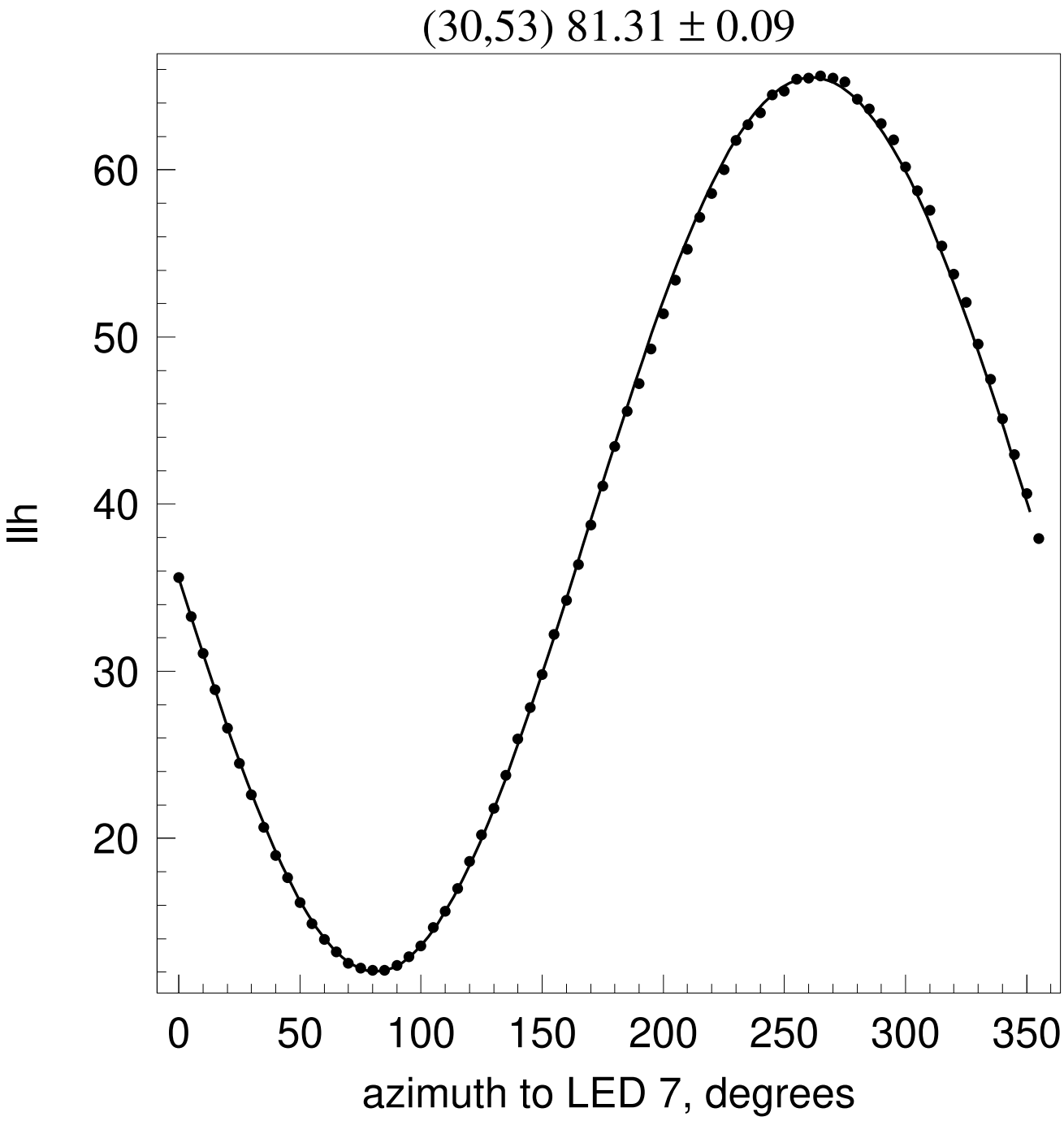

(30,48) 162.87 ± 0.11
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

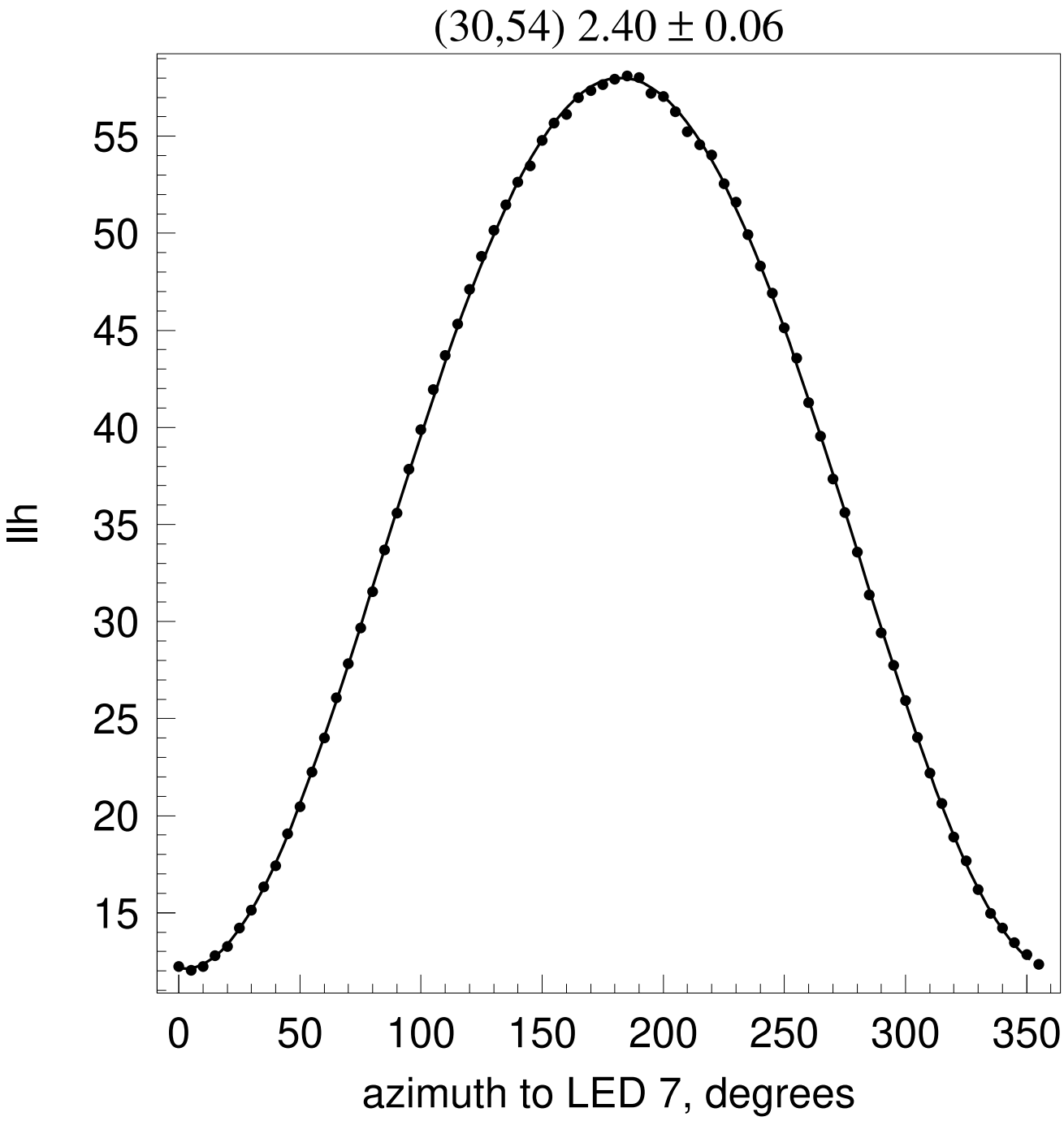

(30,49) 96.05 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

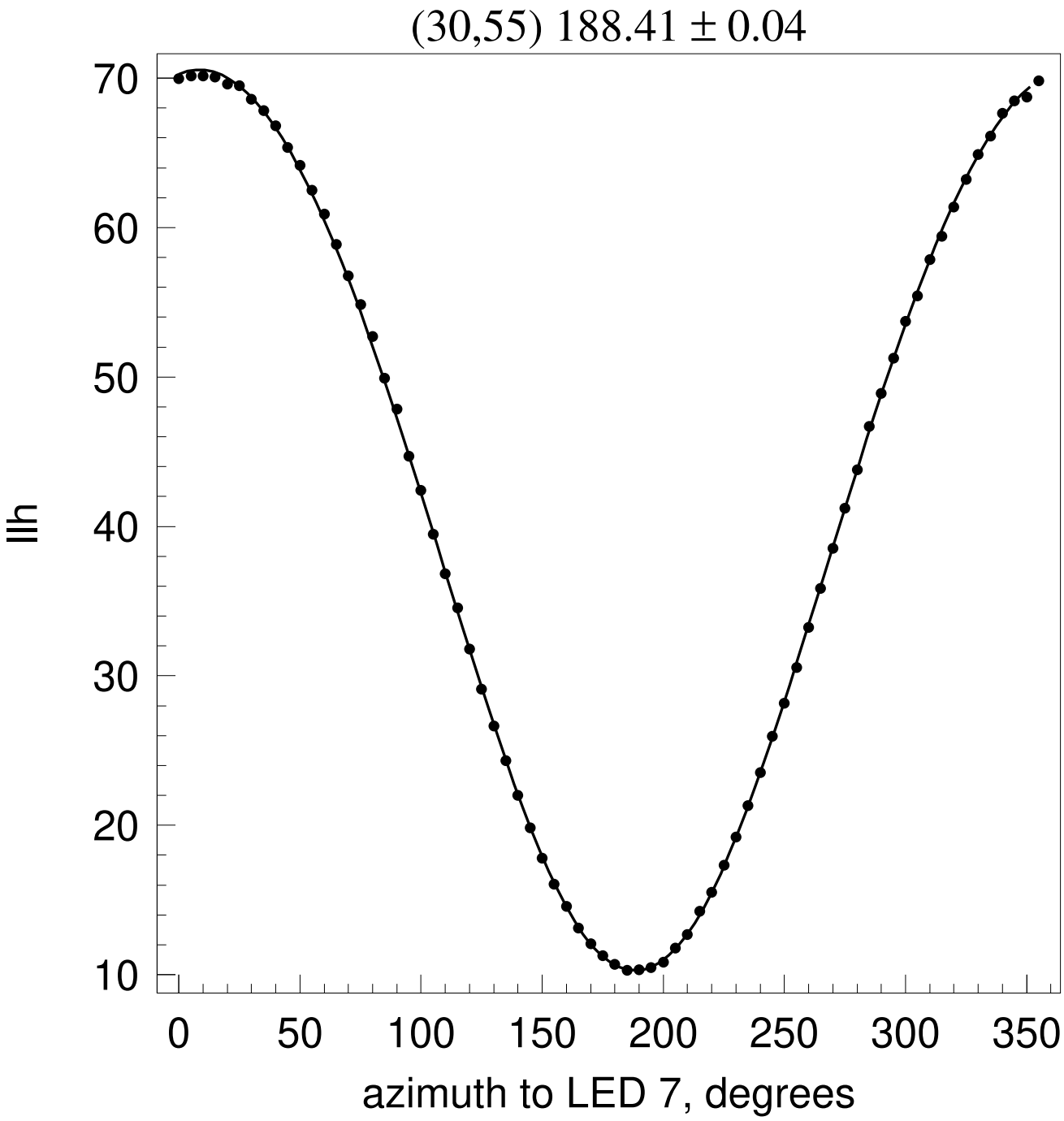

(30,50) 30.27 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

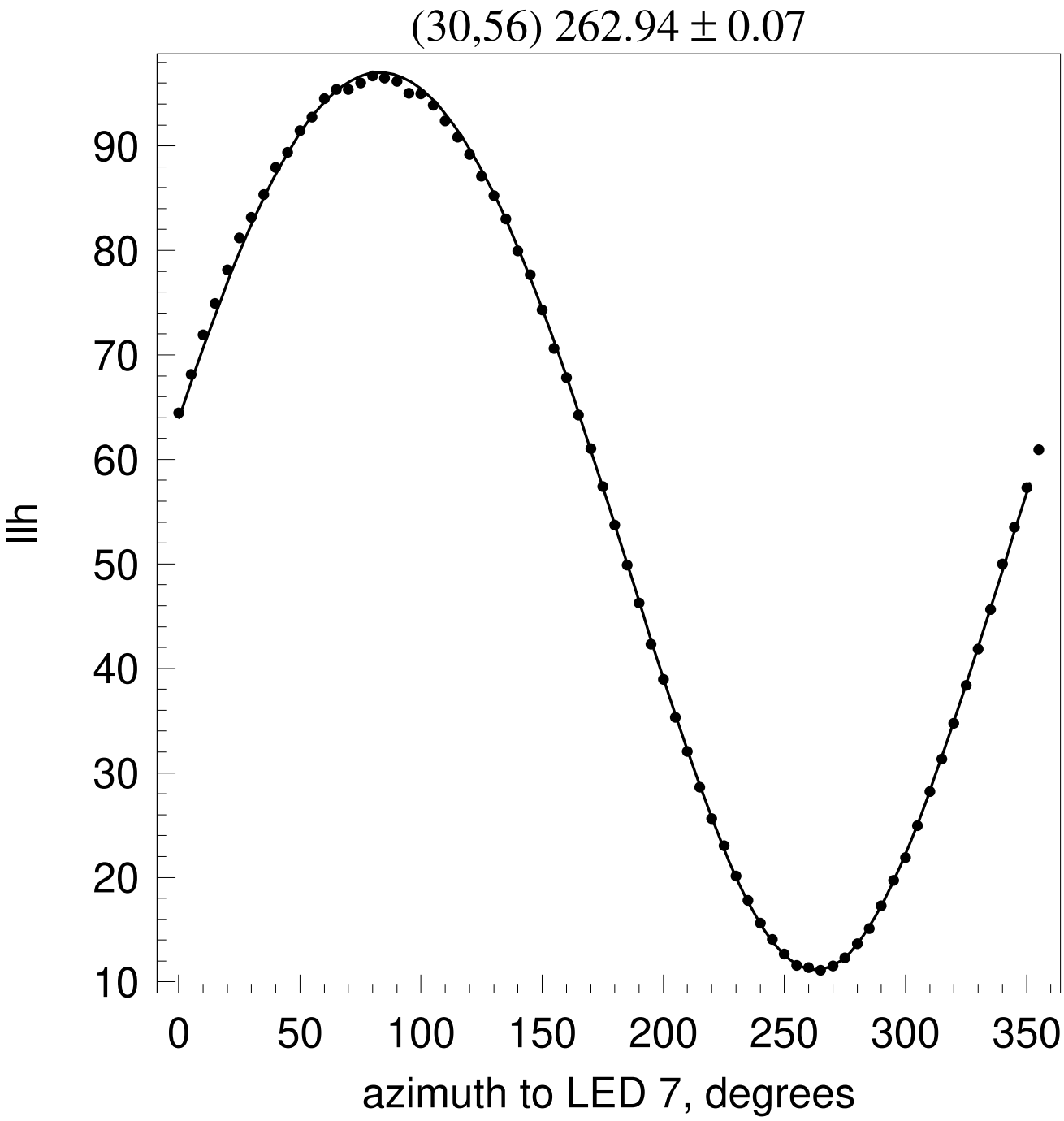

(30,51) 277.88 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

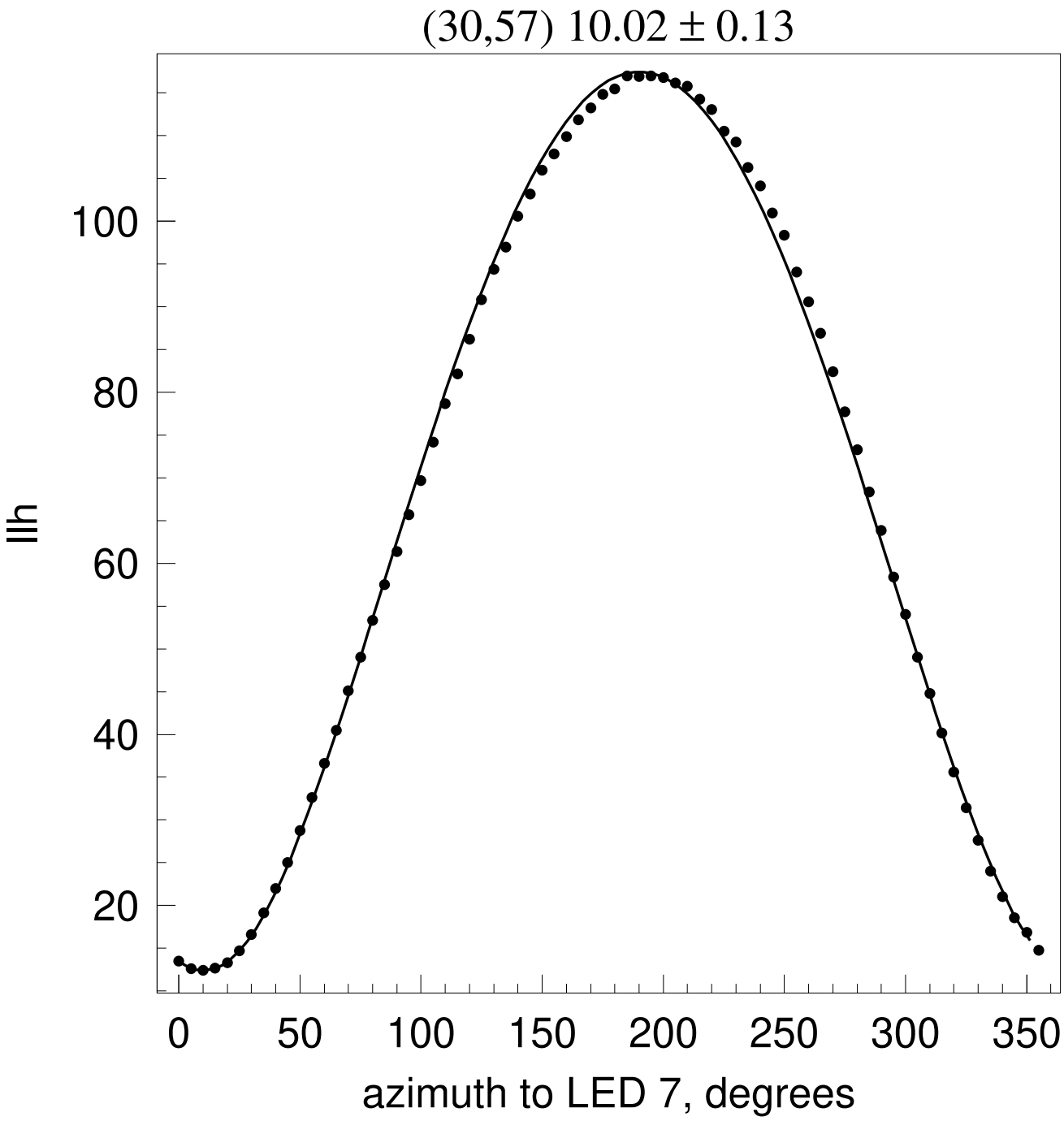

(30,52) 128.20 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

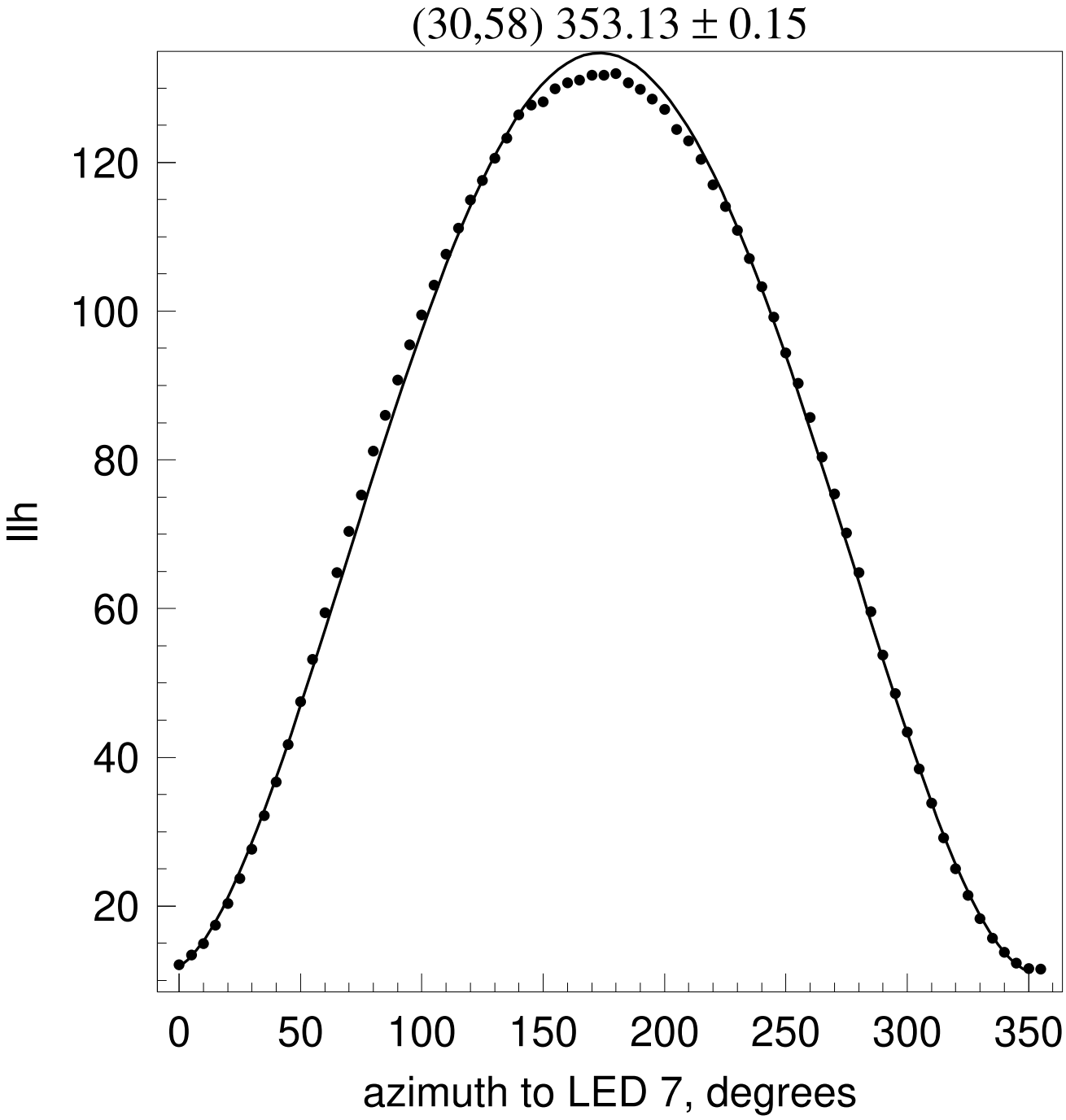

(30,53) 81.31 ± 0.09
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

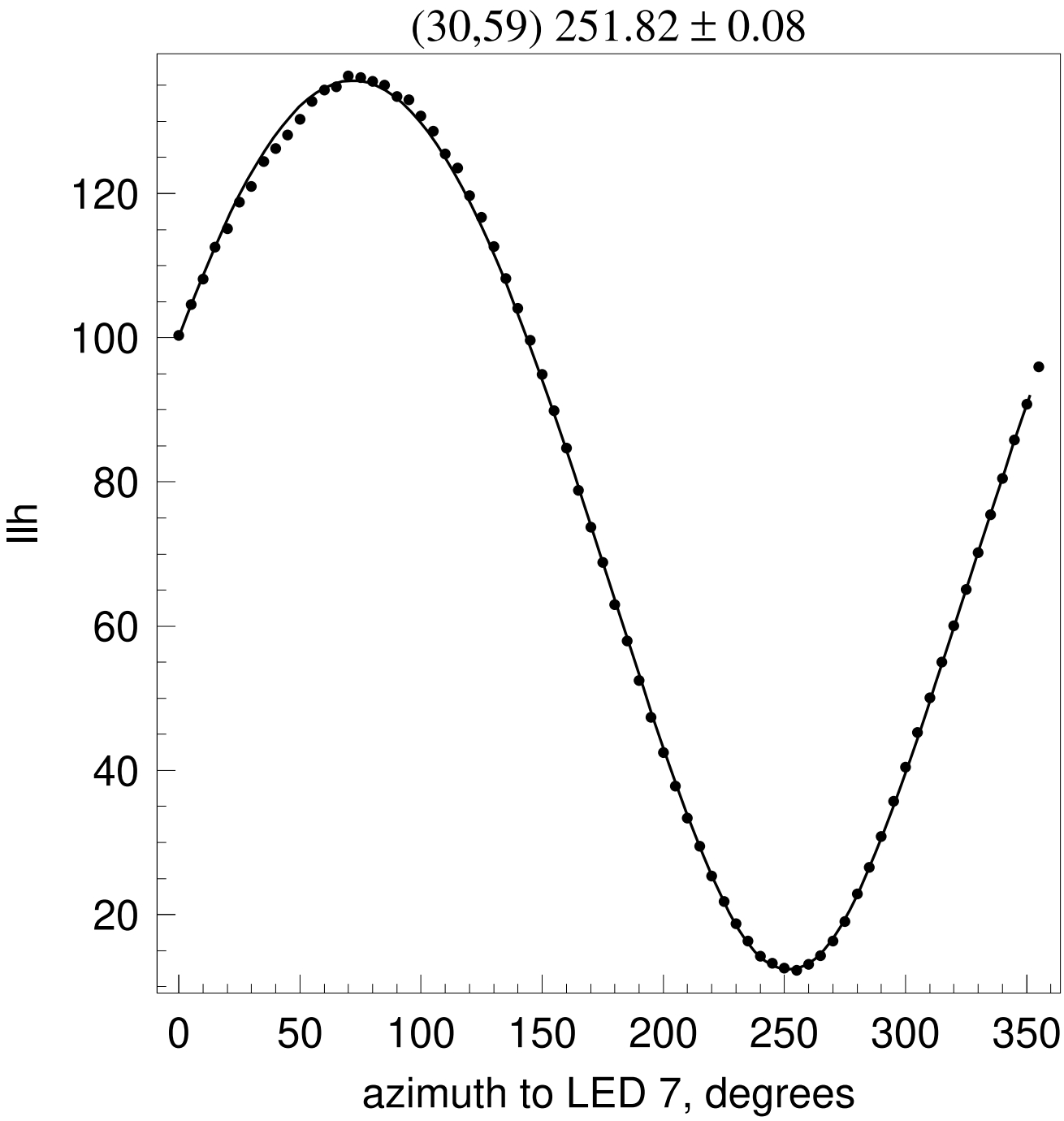

(30,54) 2.40 ± 0.06
55
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

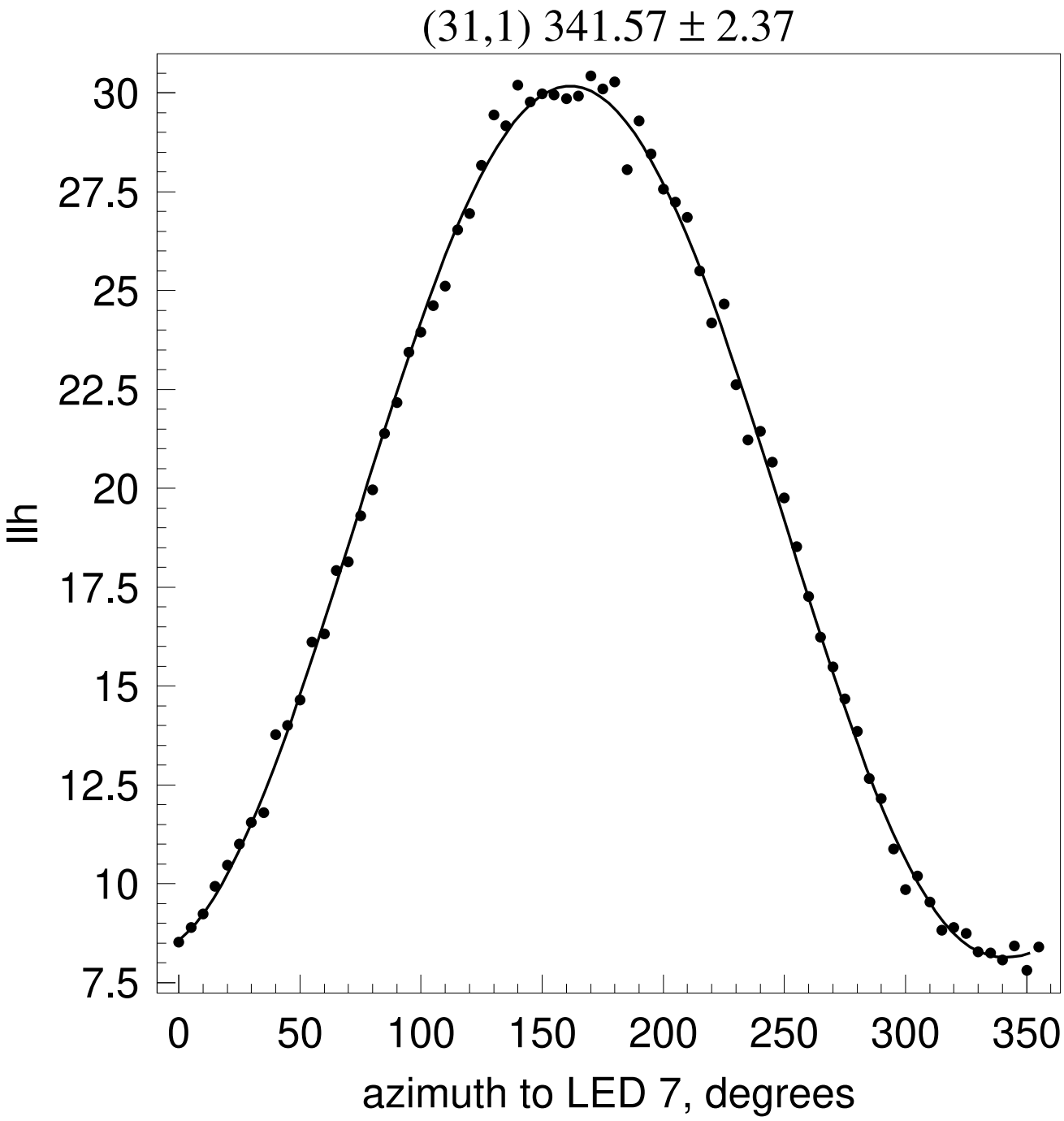

(30,55) 188.41 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

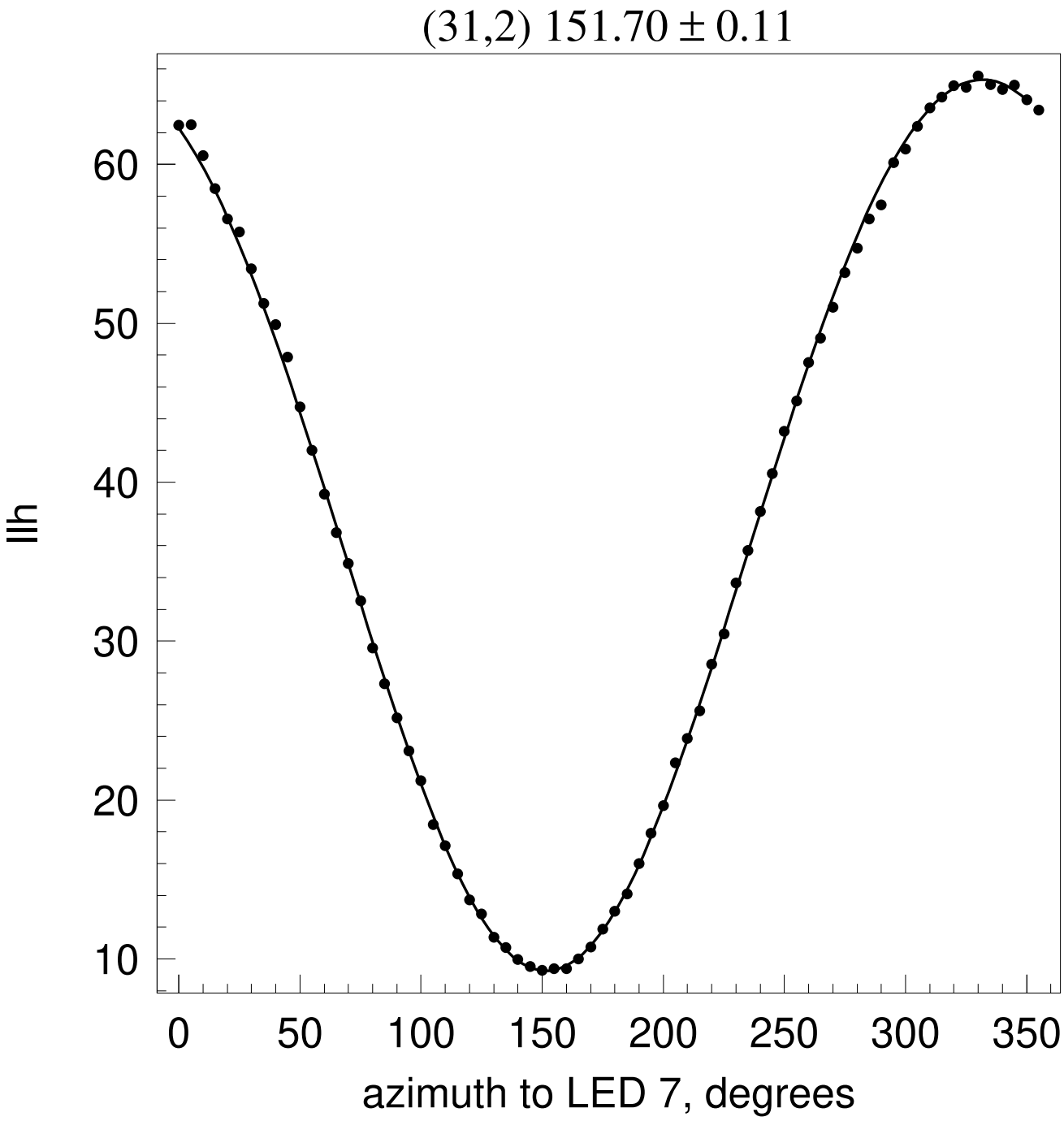

(30,56) 262.94 ± 0.07
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

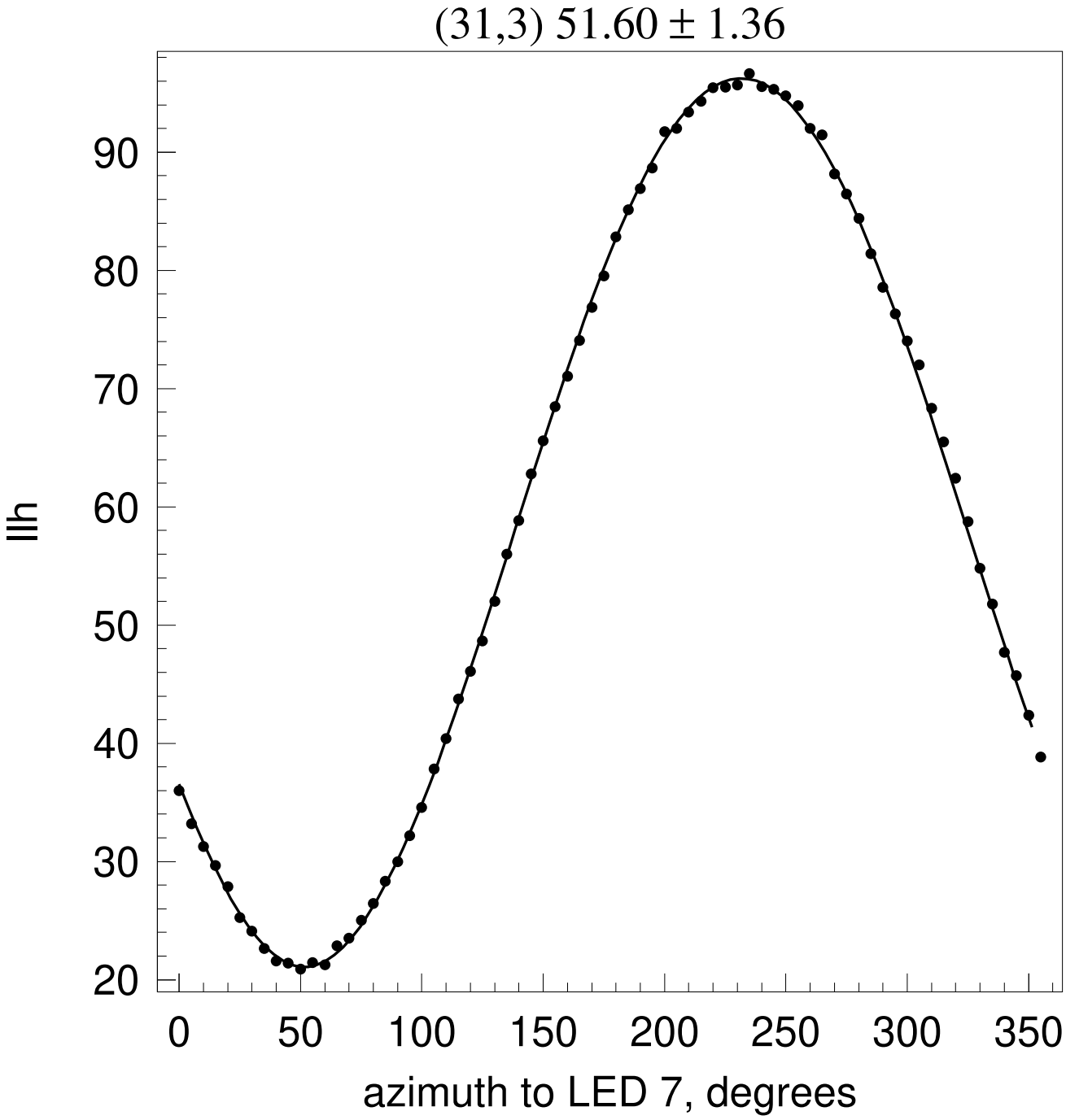

(30,57) 10.02 ± 0.13
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

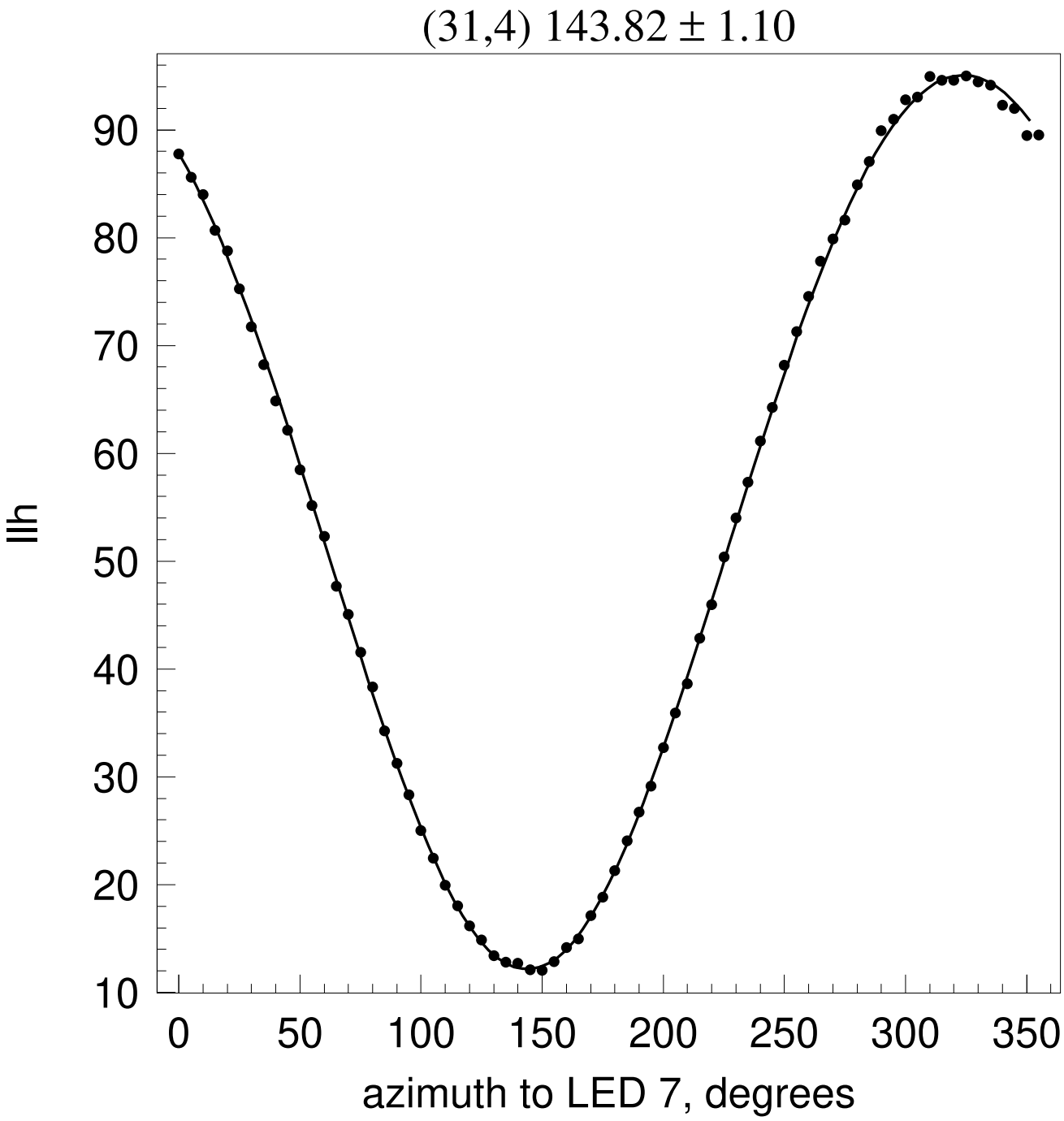

(30,58) 353.13 ± 0.15
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

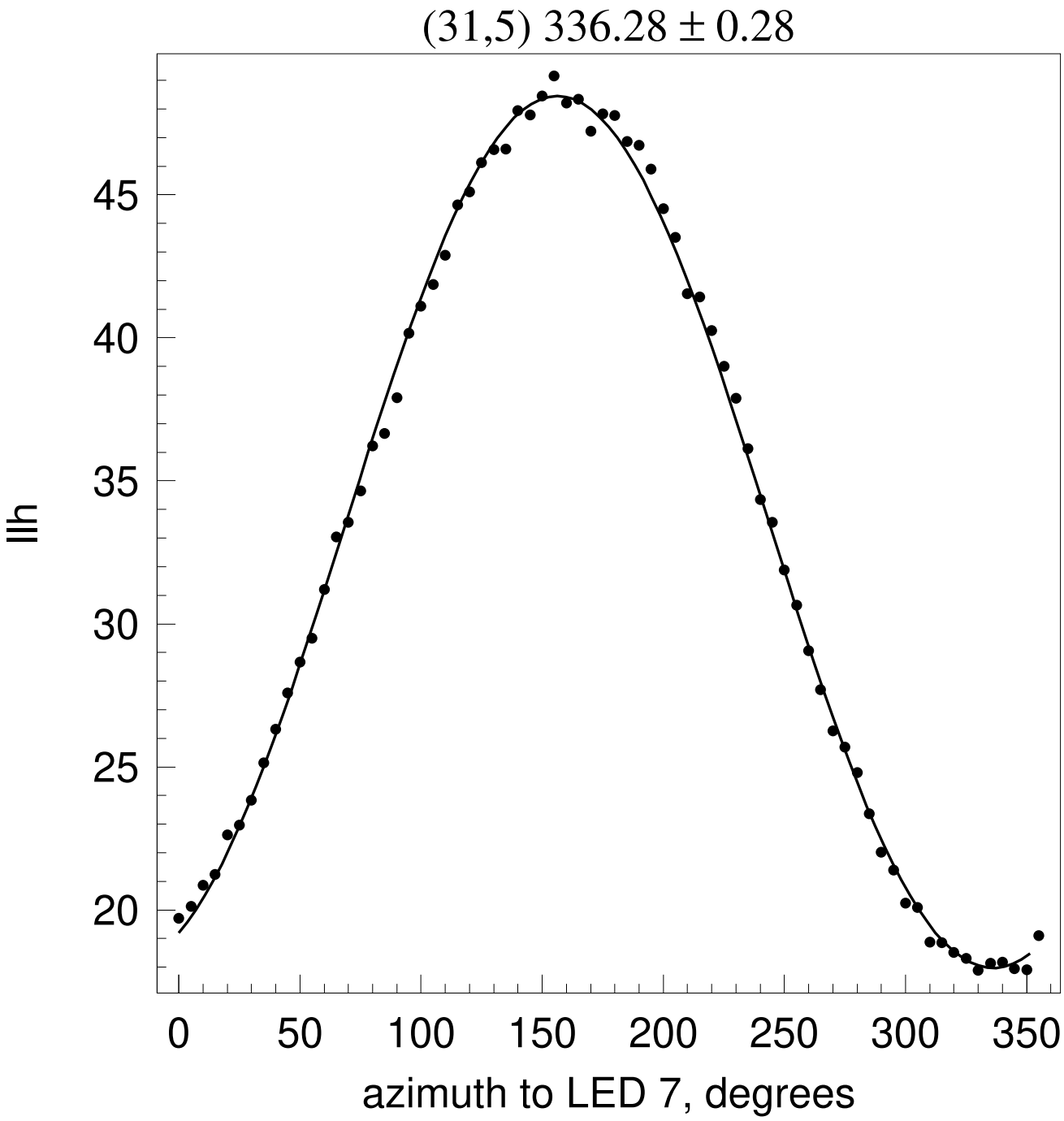

(30,59) 251.82 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

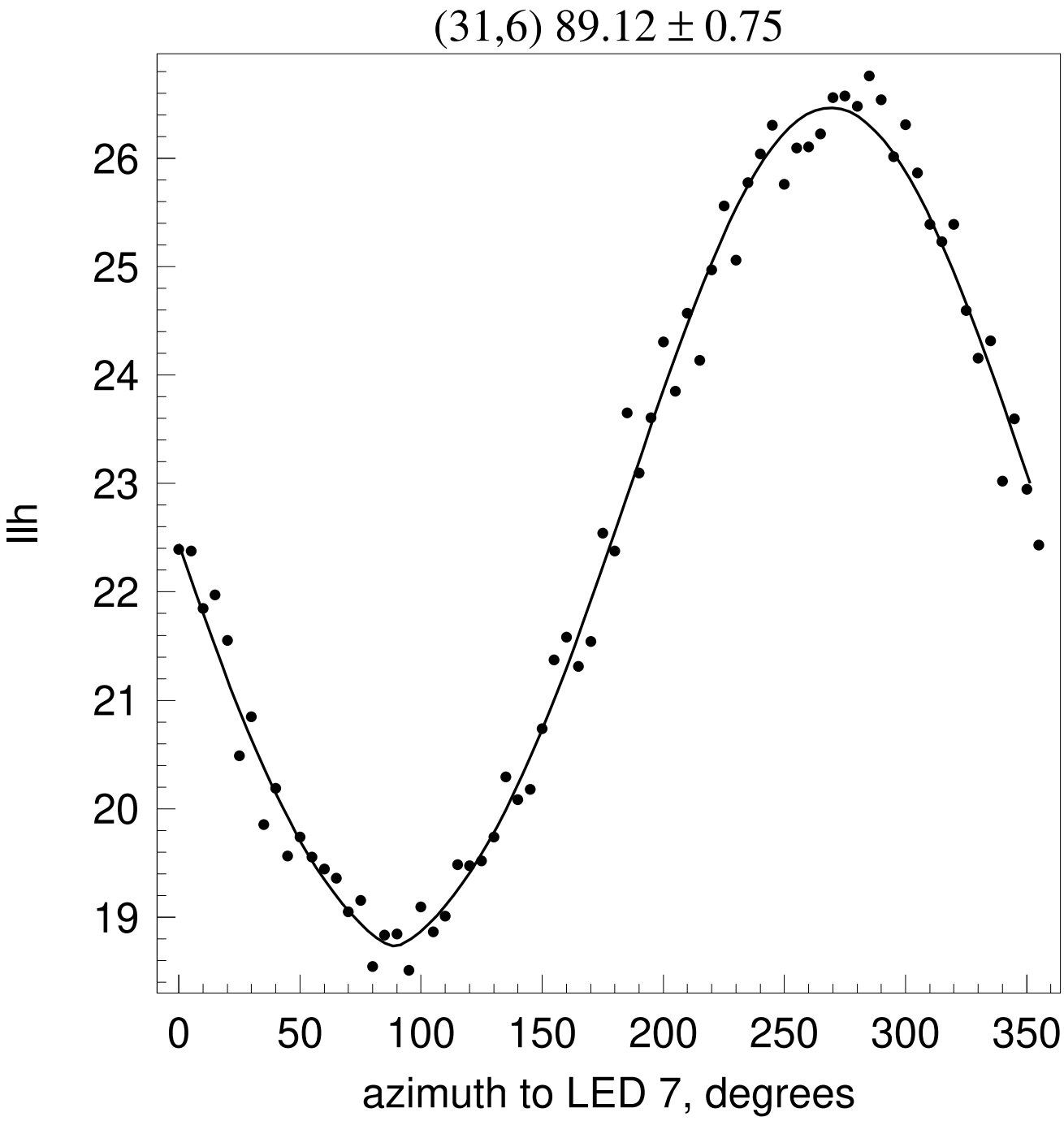

(31,1) 341.57 ± 2.37
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

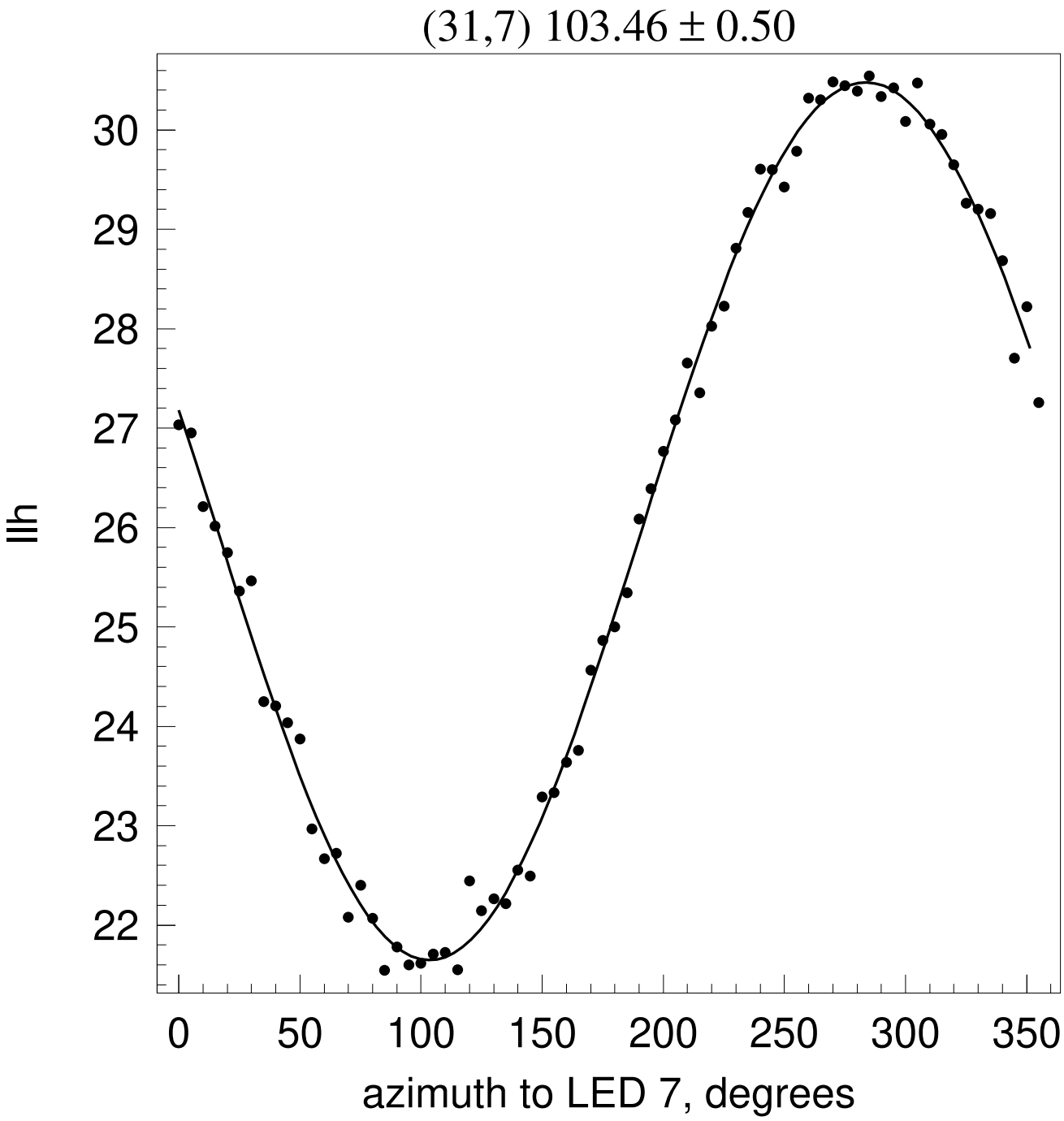

(31,2) 151.70 ± 0.11
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

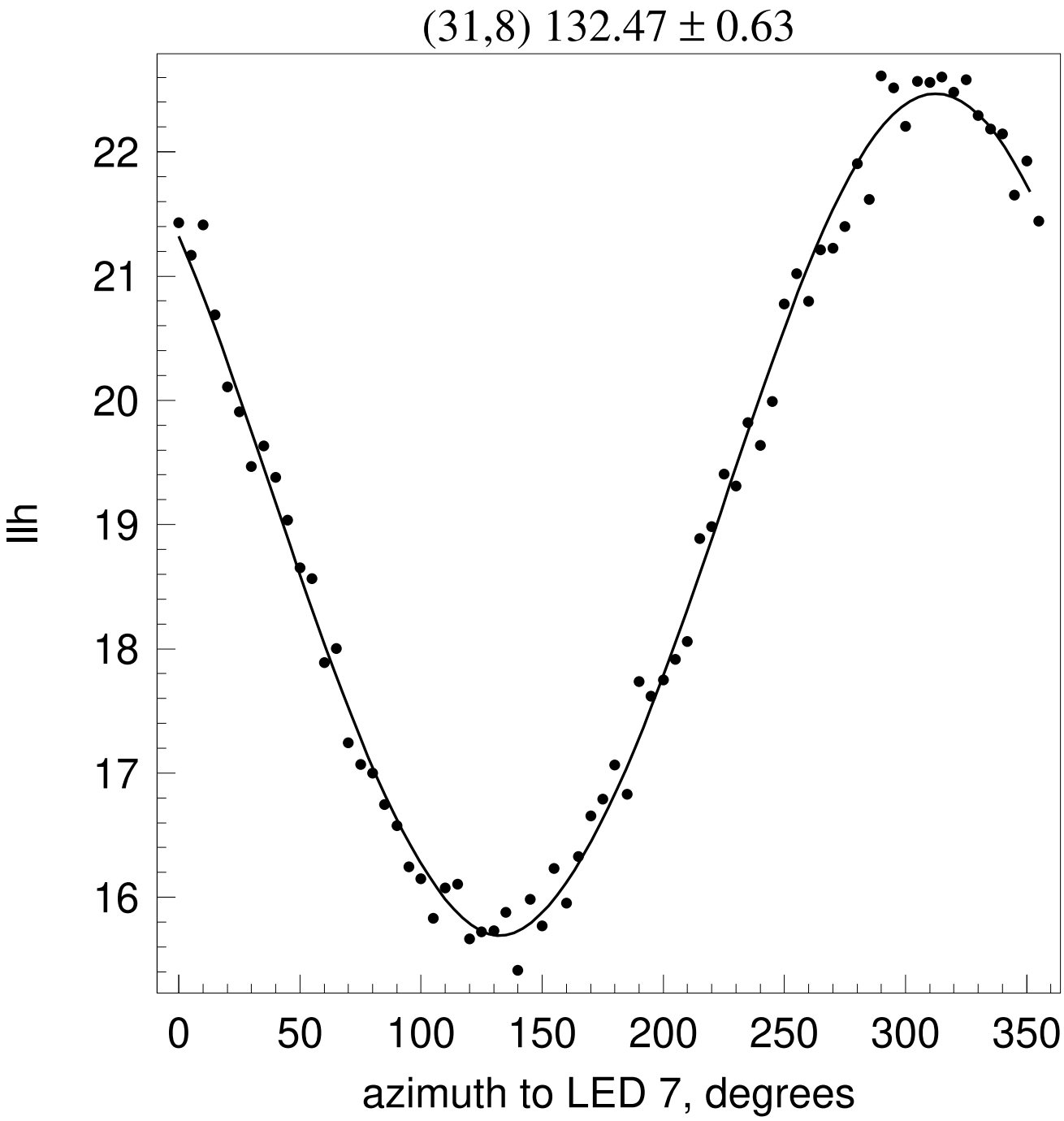

(31,3) 51.60 ± 1.36
llh
90
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

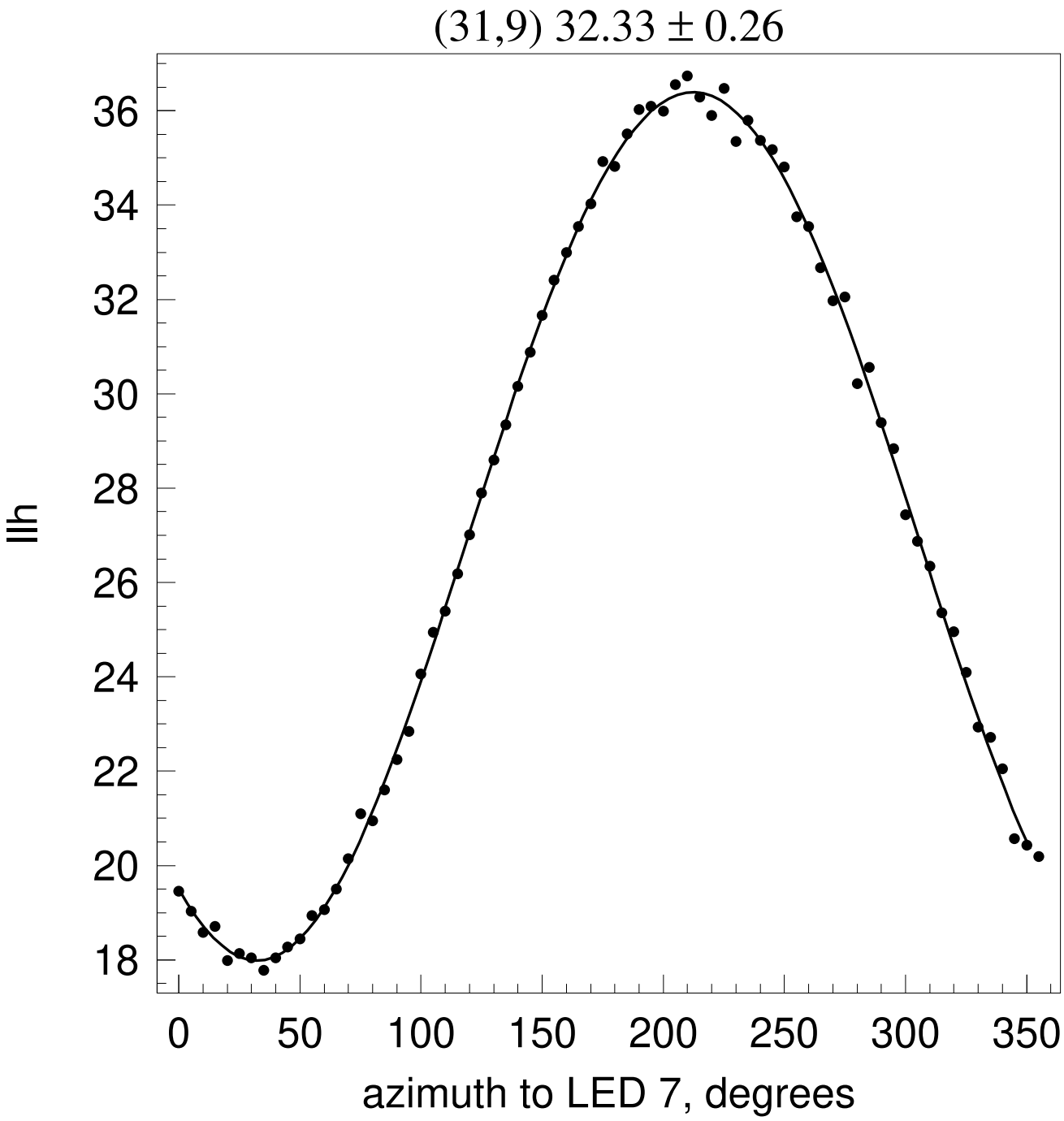

(31,4) 143.82 ± 1.10
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

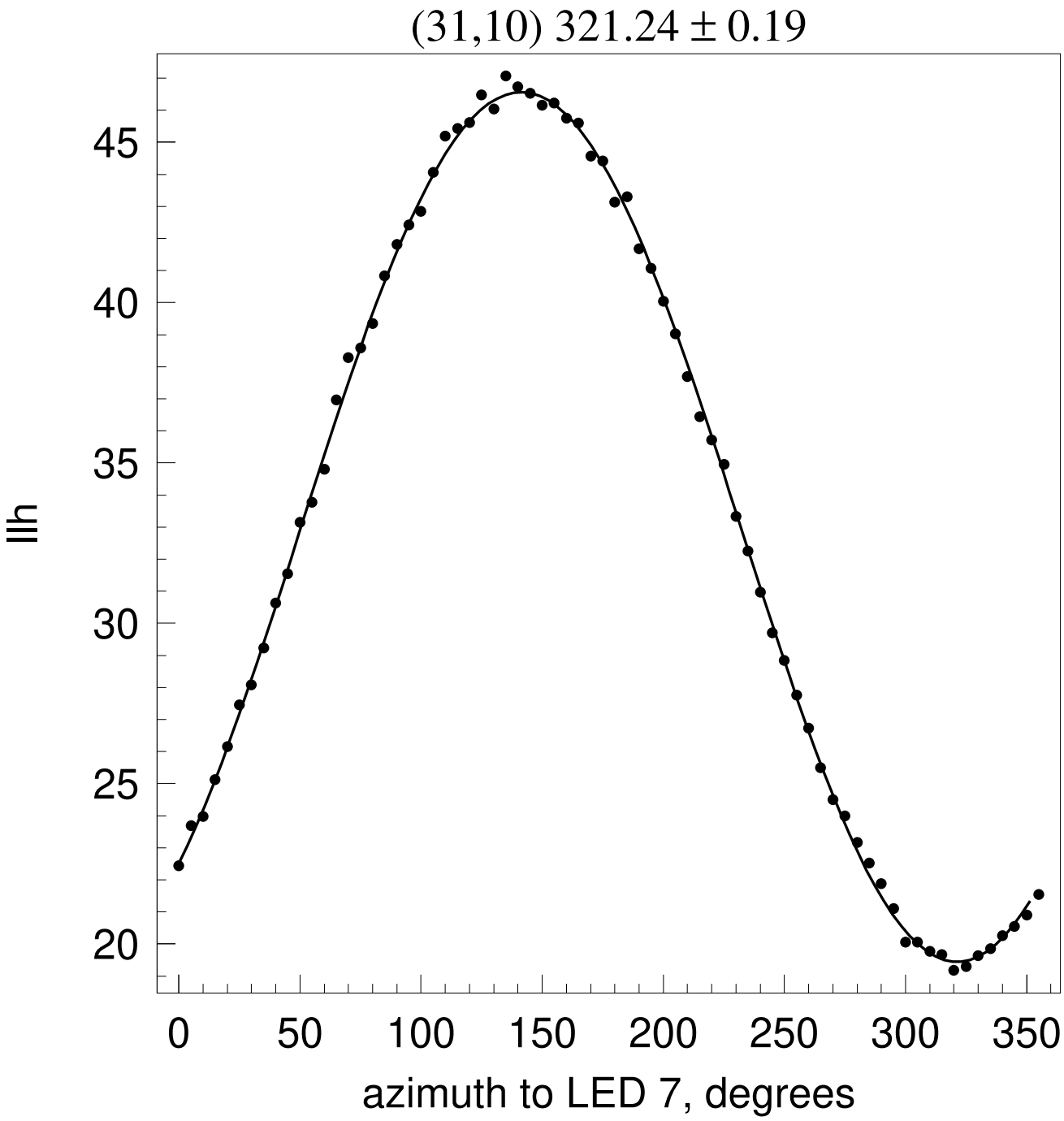

(31,5) 336.28 ± 0.28
llh
45
40
35
30
25
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

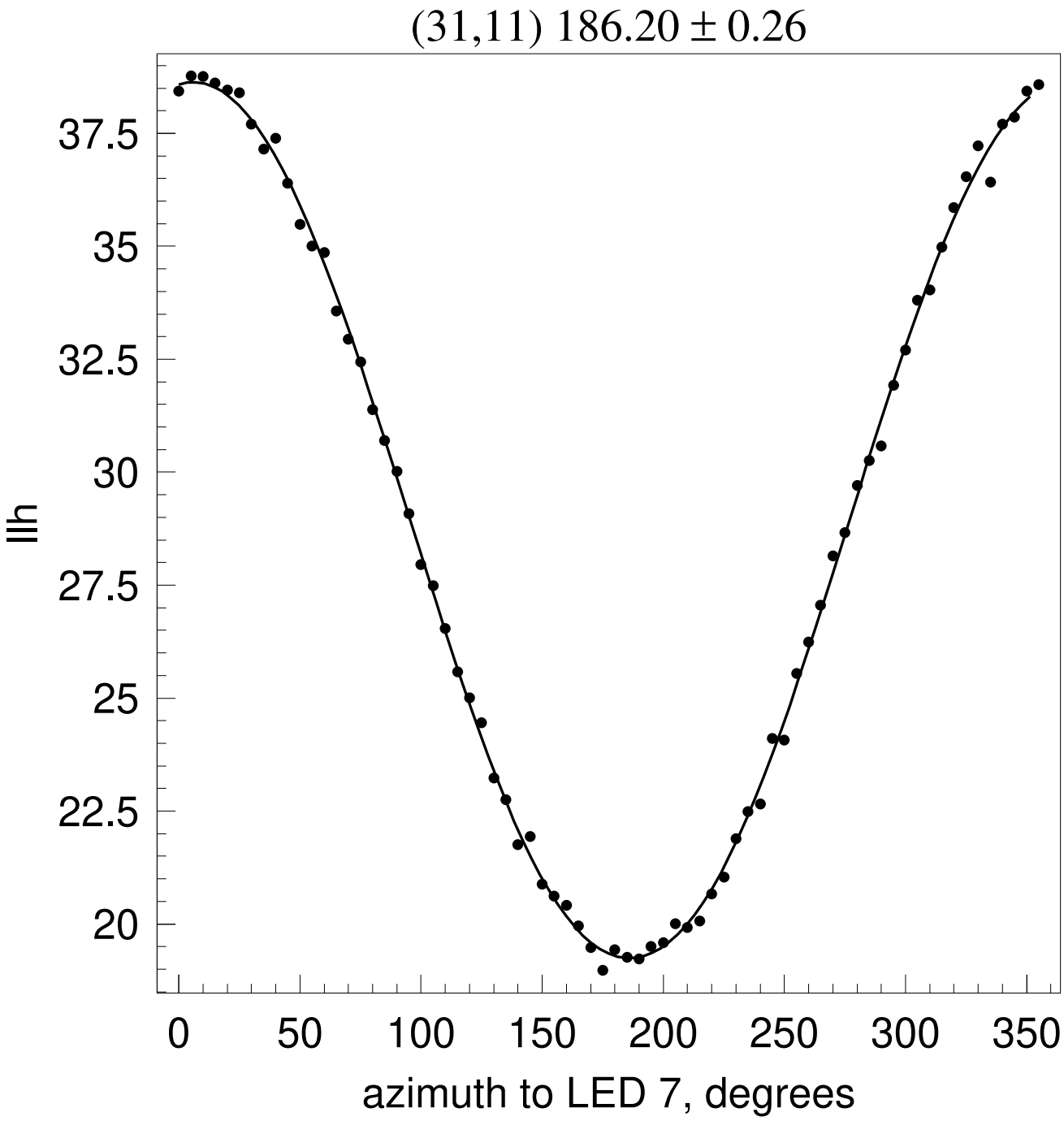

(31,6) 89.12 ± 0.75
26
25
24
23
22
21
20
19
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

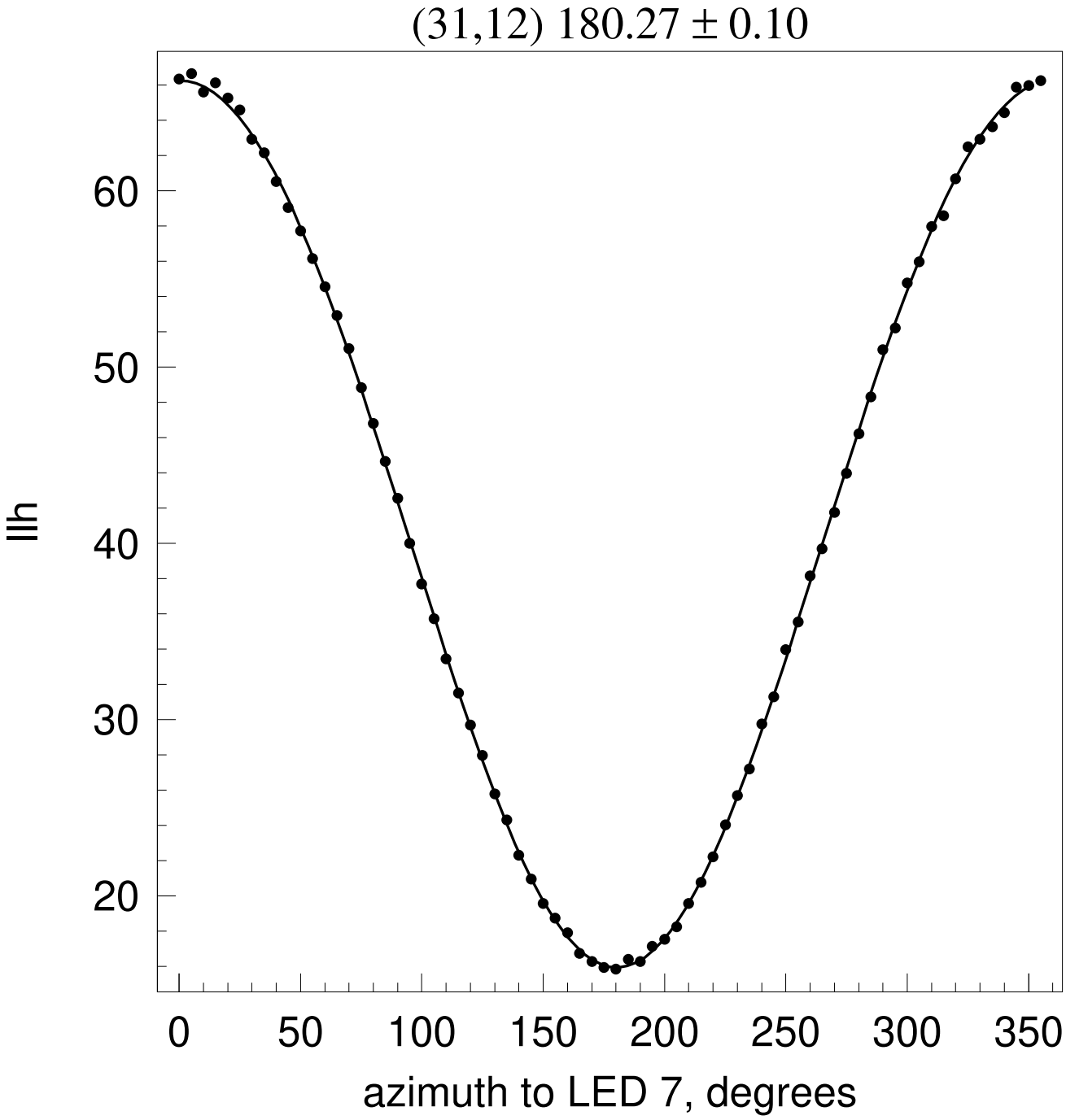

(31,7) 103.46 ± 0.50
llh
30
29
28
27
26
25
24
23
22
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

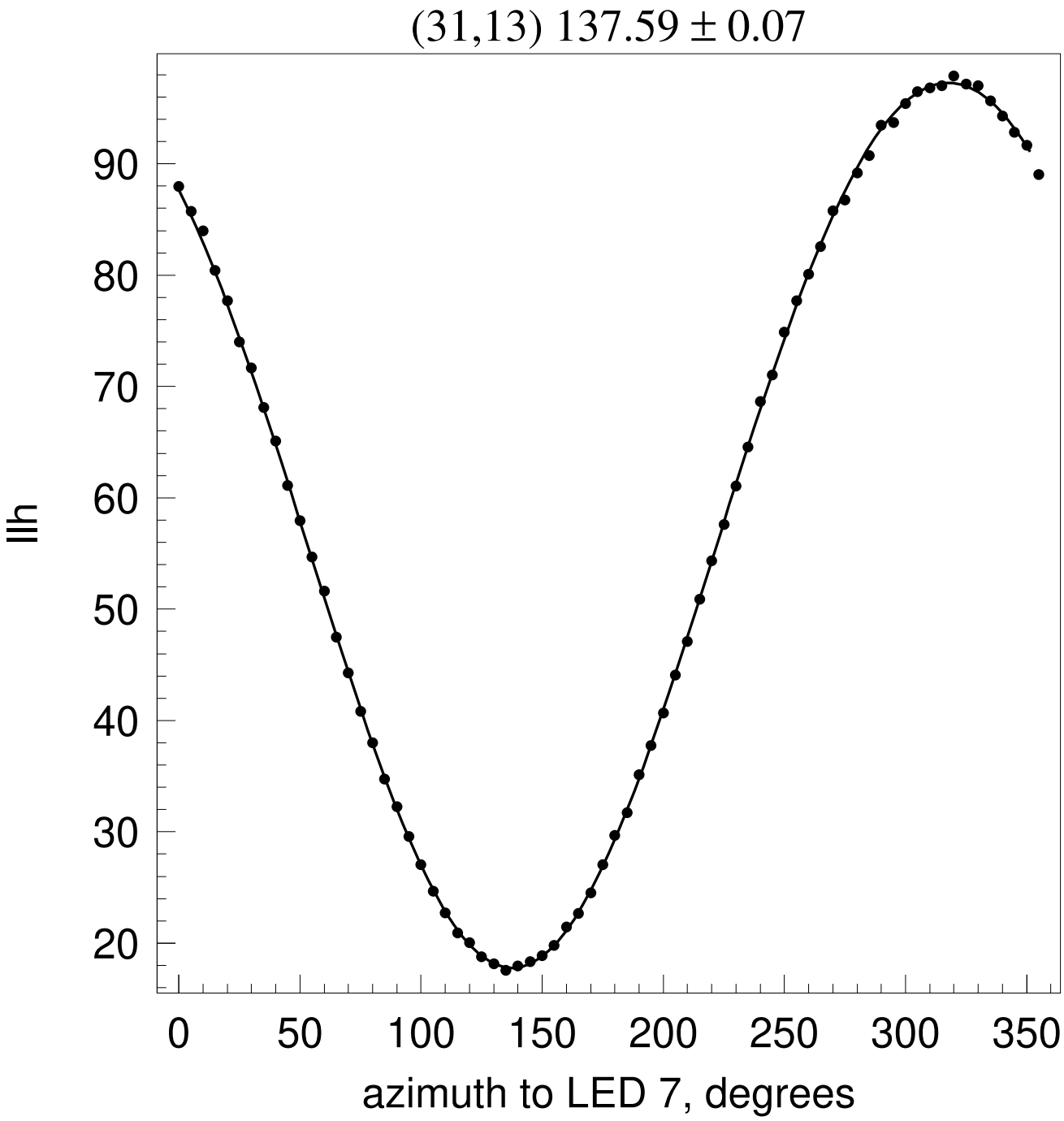

(31,8) 132.47 ± 0.63
22
21
20
19
18
17
16
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

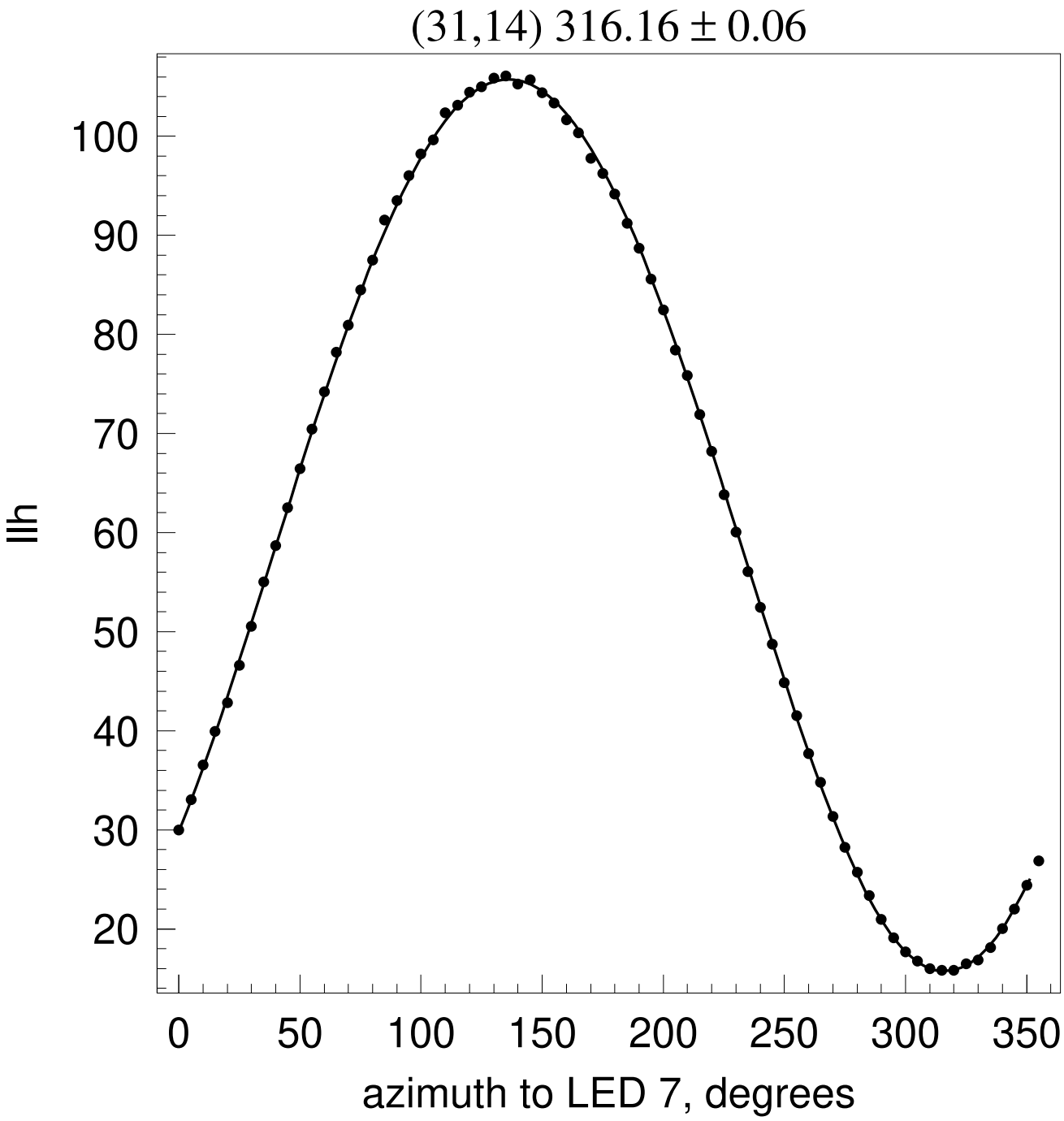

(31,9) 32.33 ± 0.26
36
34
32
30
28
26
24
22
20
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

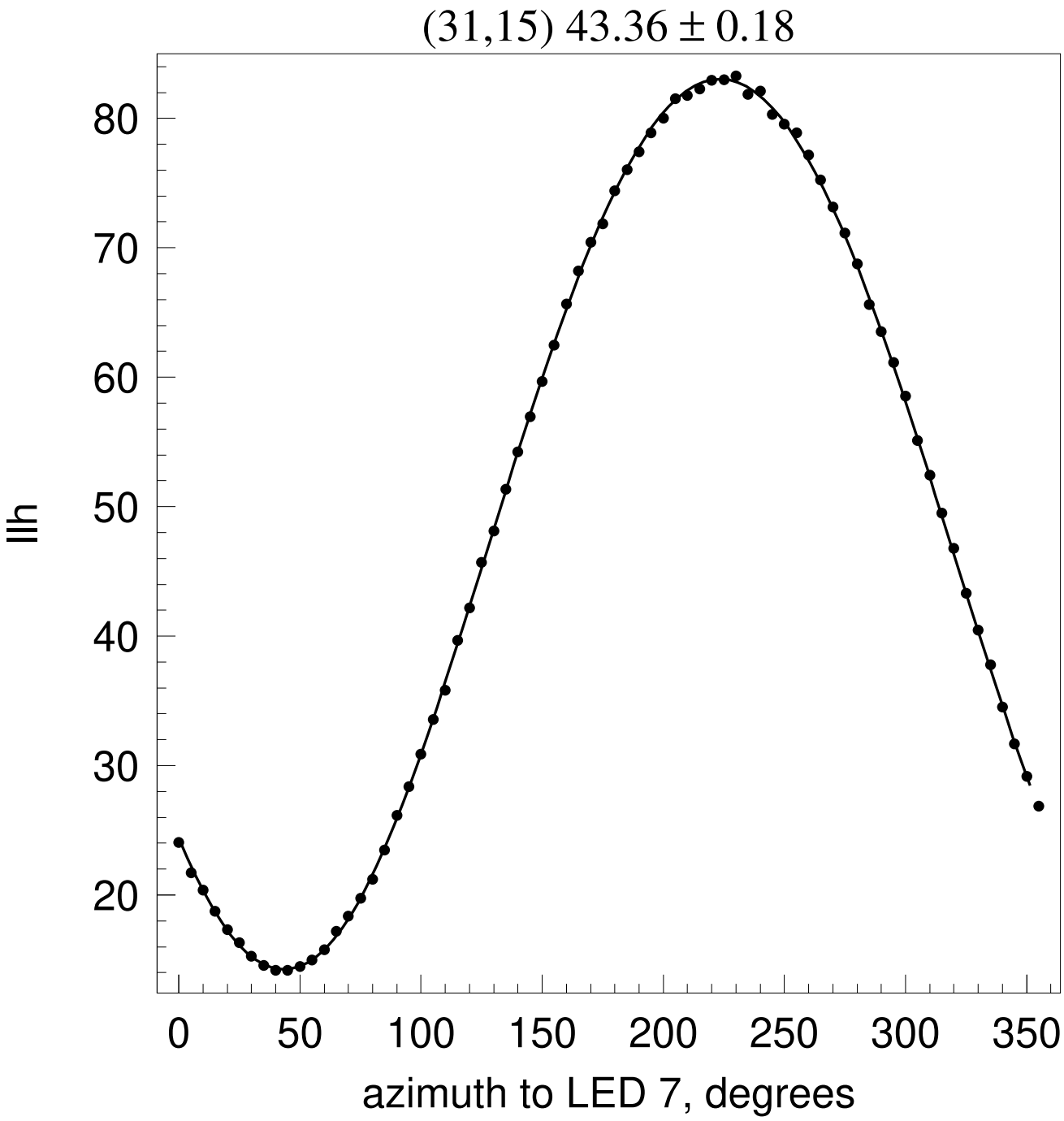

(31,10) 321.24 ± 0.19
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

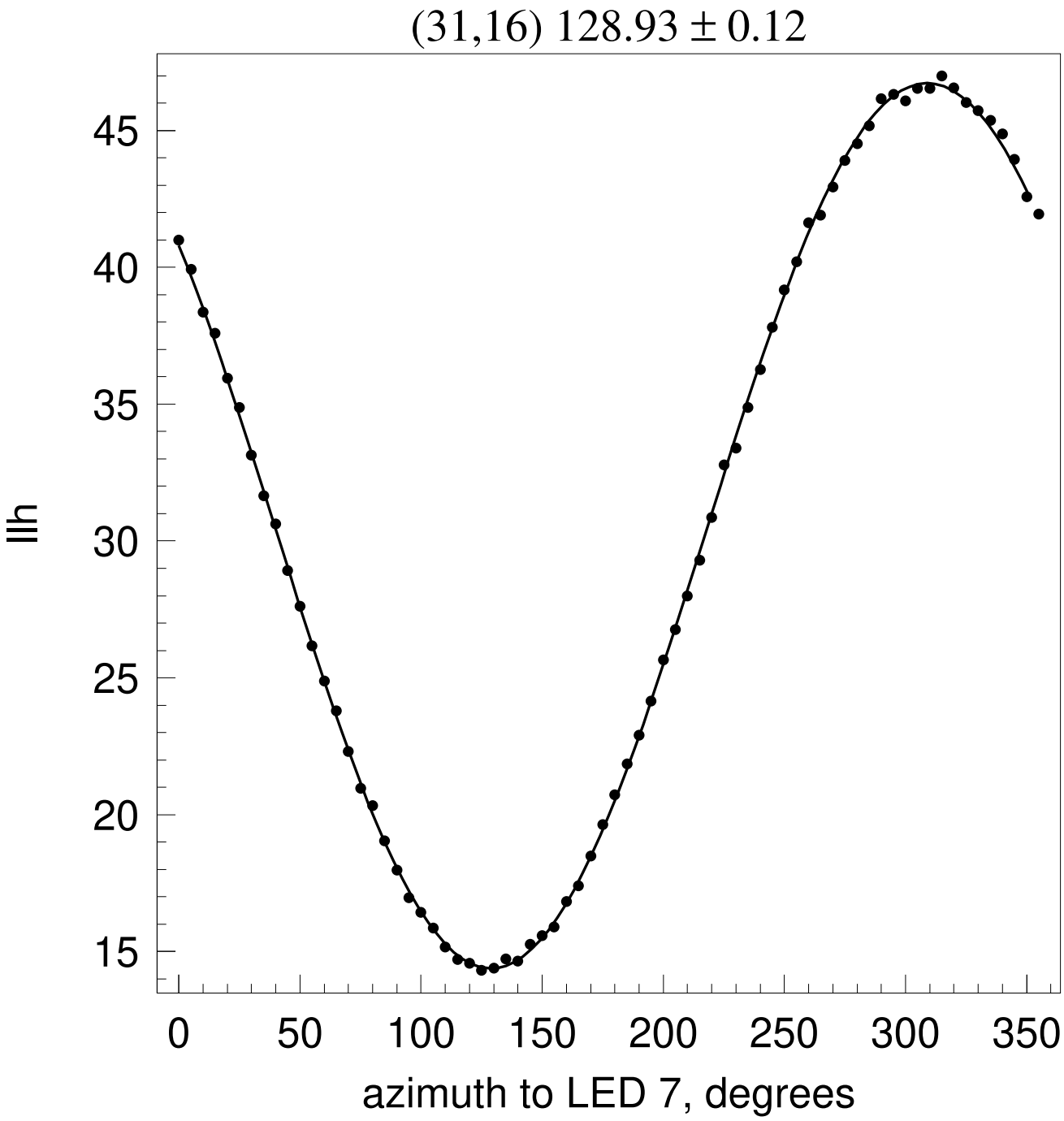

(31,11) 186.20 ± 0.26
37.5
35
32.5
30
27.5
25
22.5
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

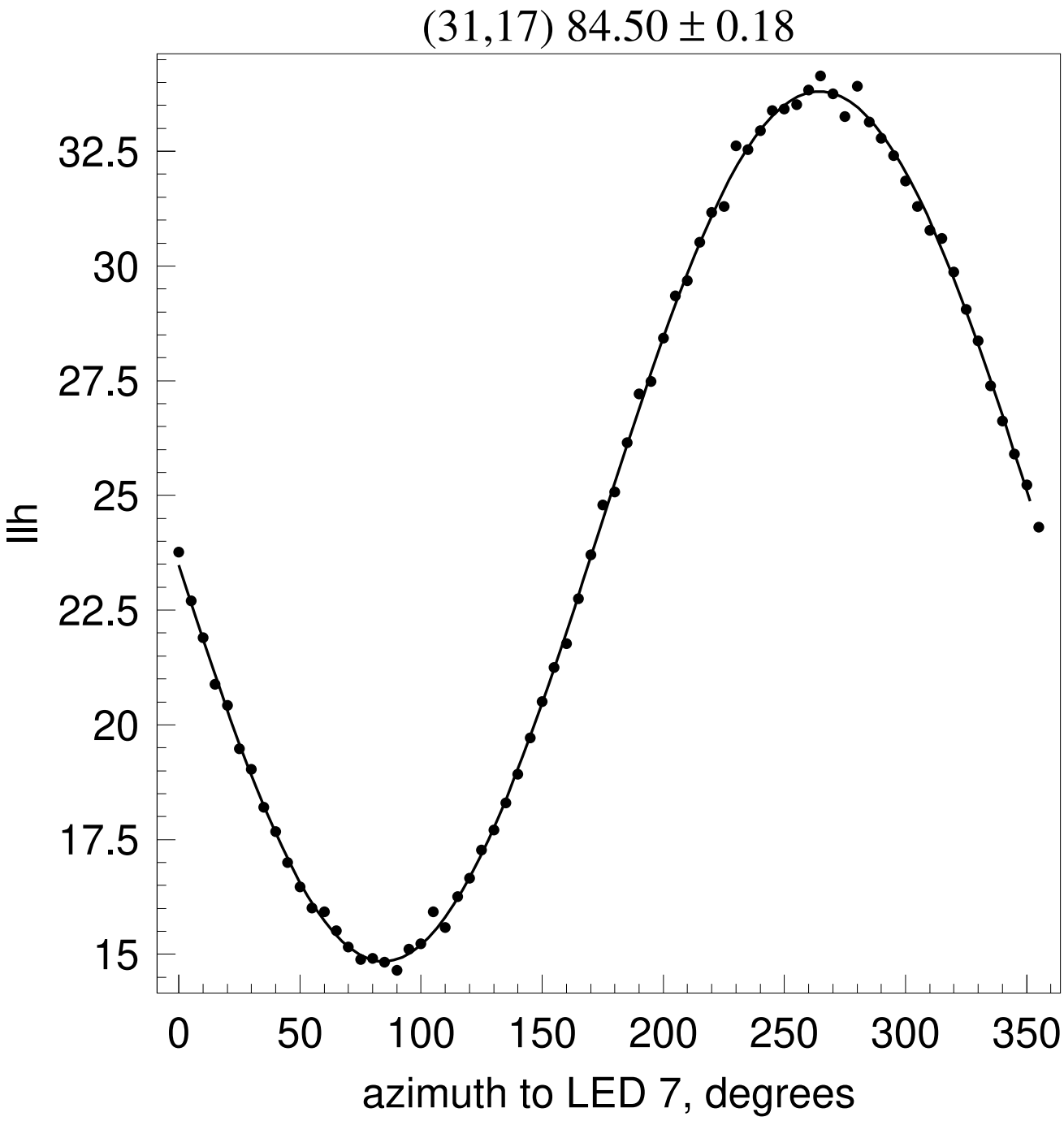

(31,12) 180.27 ± 0.10
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

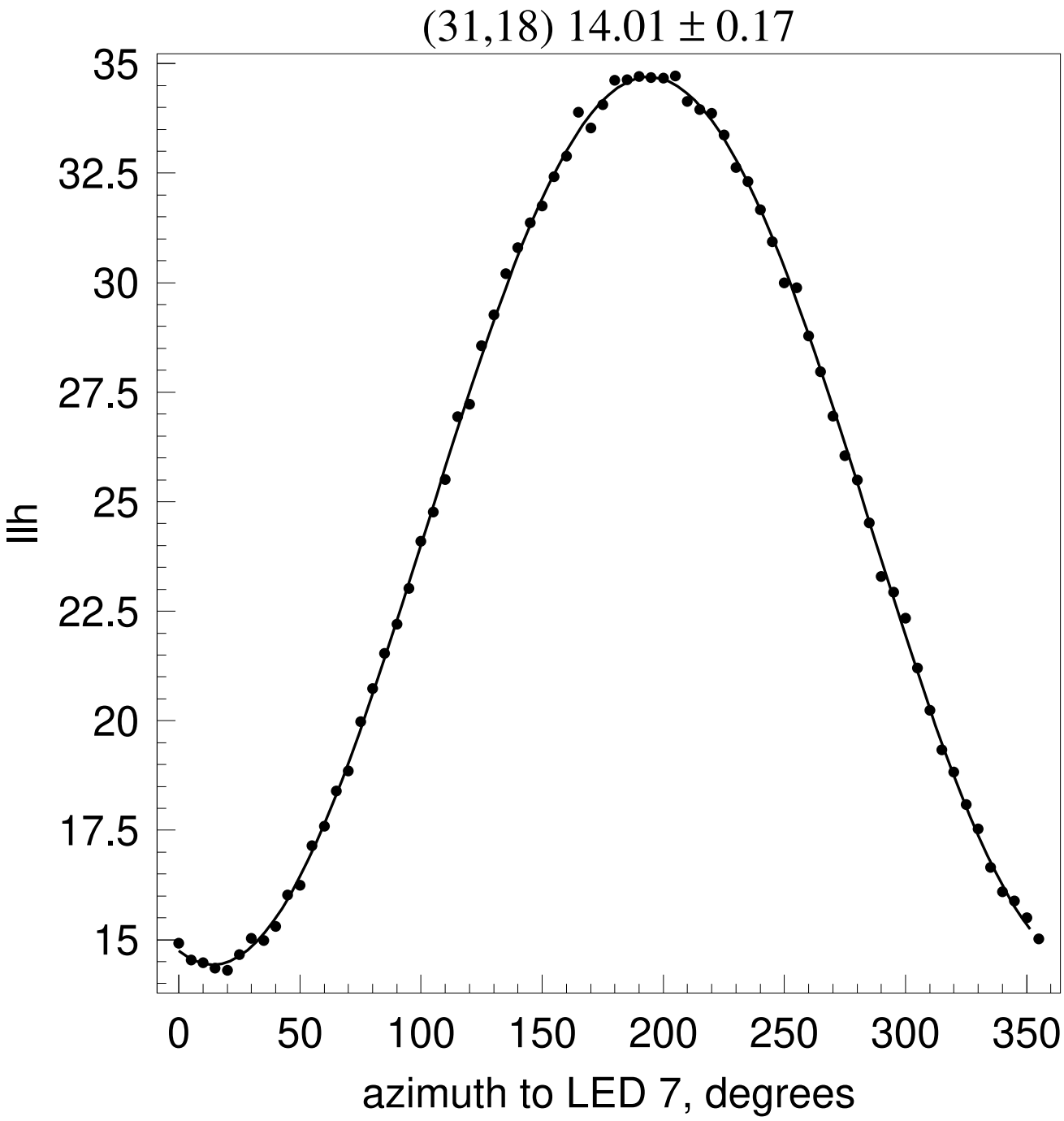

(31,13) 137.59 ± 0.07
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

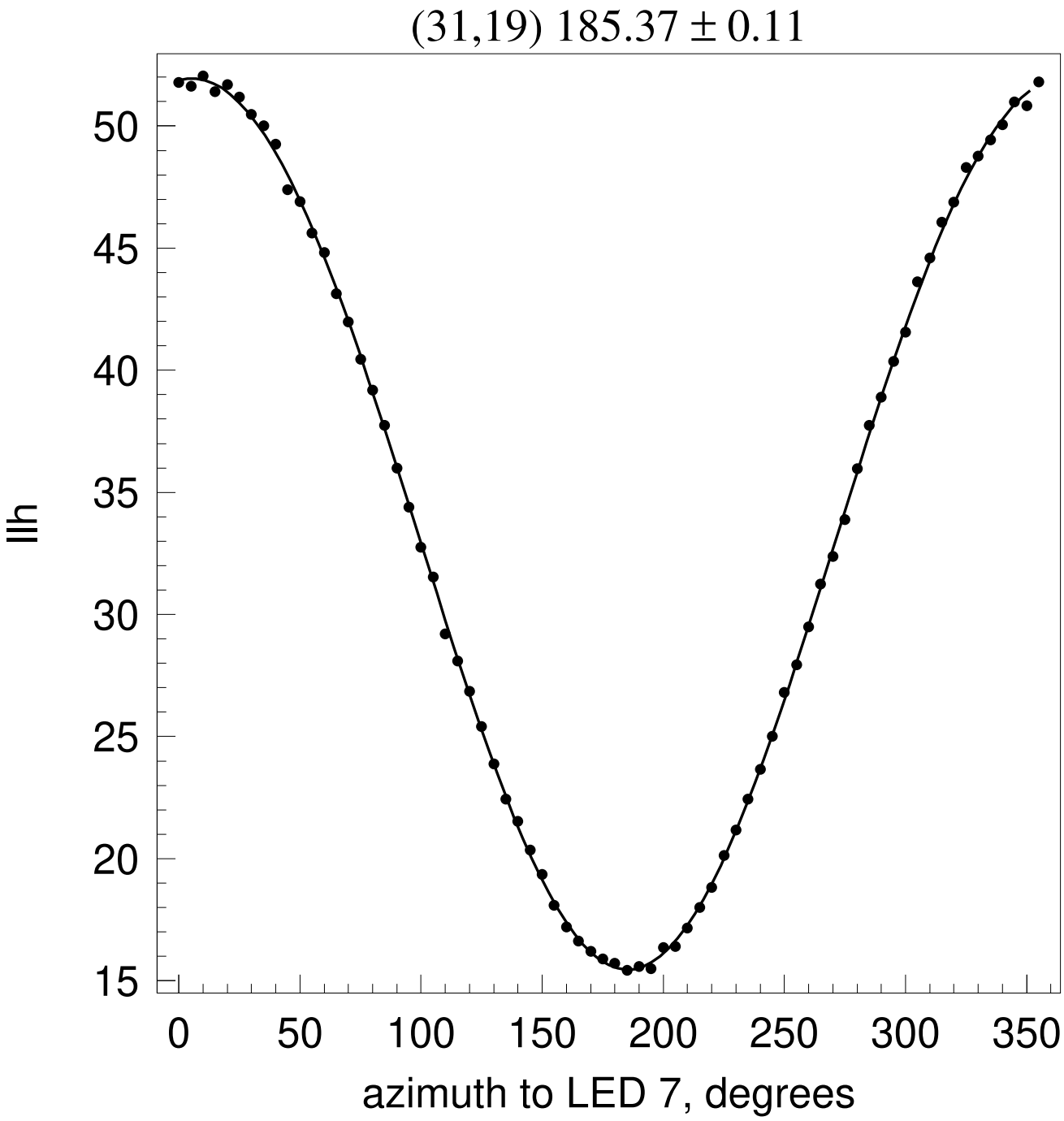

(31,14) 316.16 ± 0.06
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

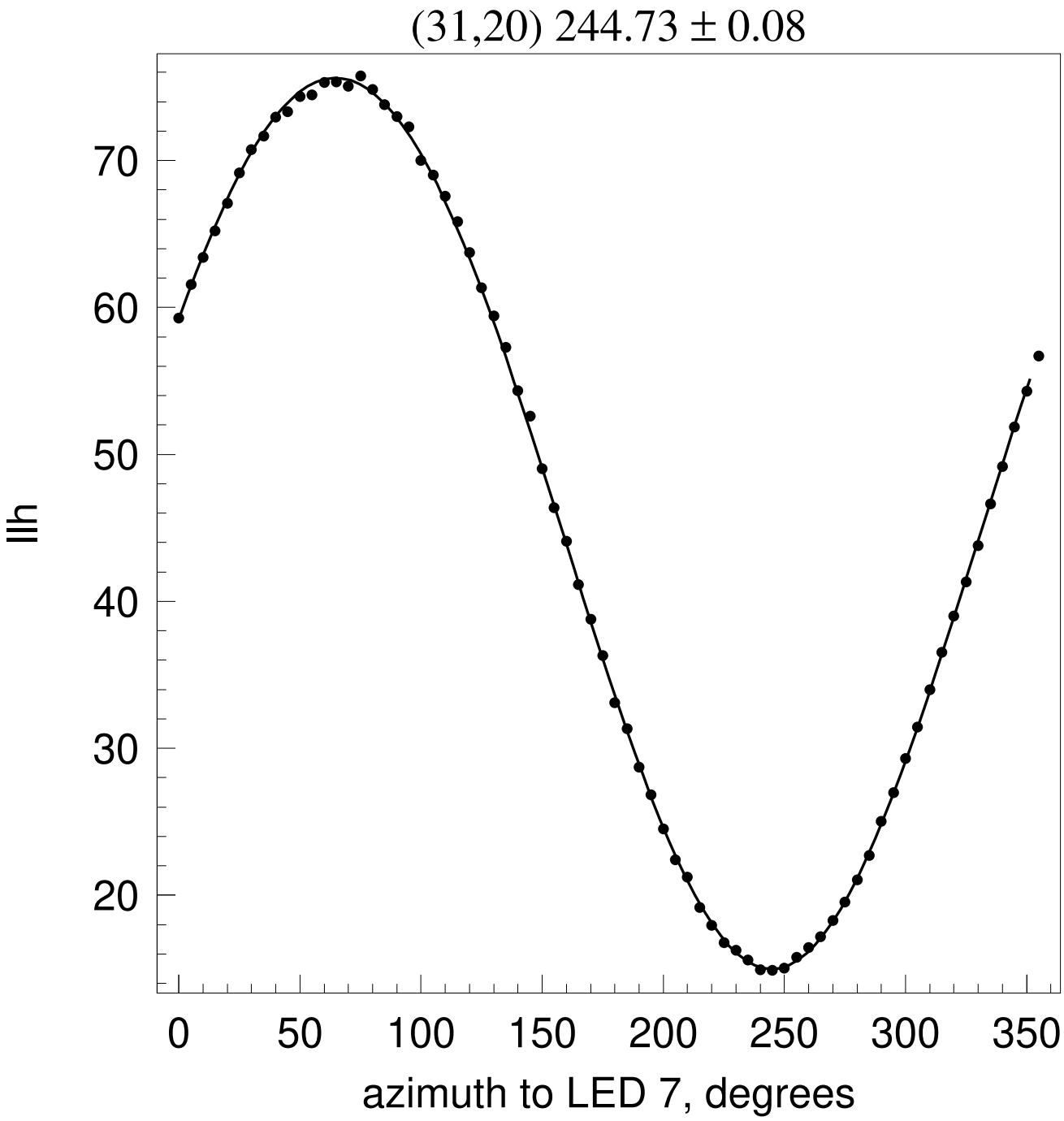

(31,15) 43.36 ± 0.18
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

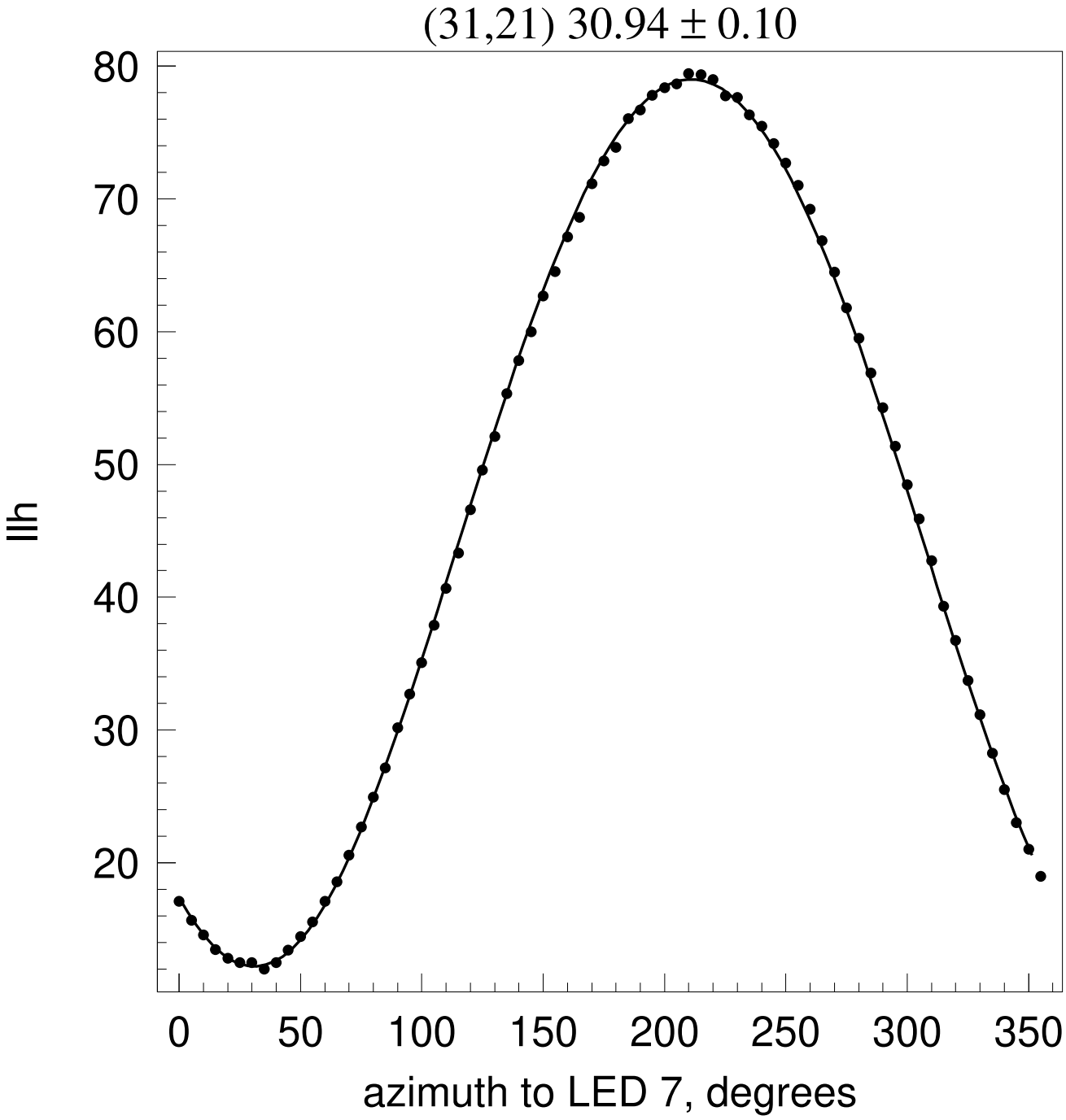

(31,16) 128.93 ± 0.12
45
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

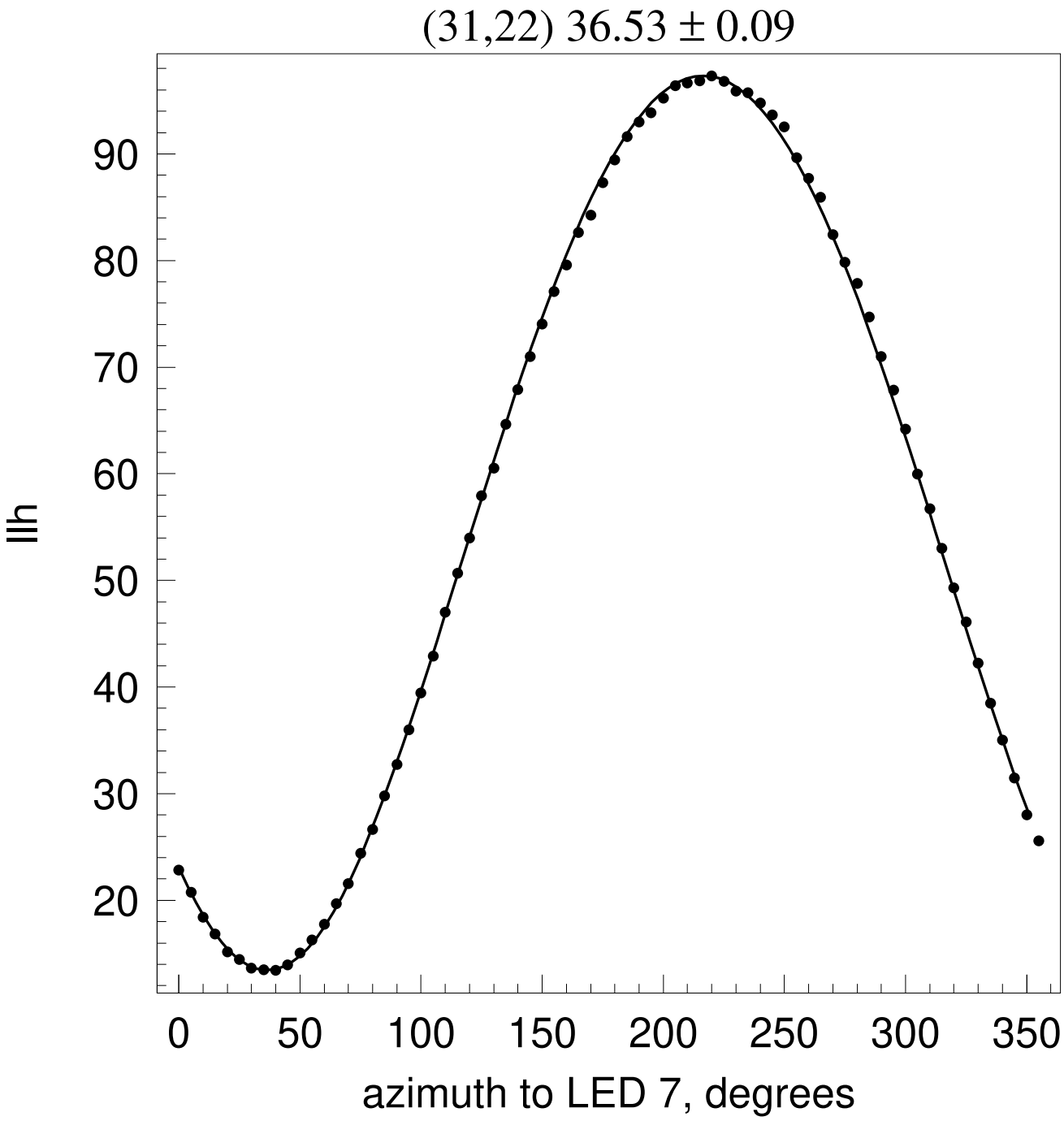

(31,17) 84.50 ± 0.18
32.5
30
27.5
25
22.5
20
17.5
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

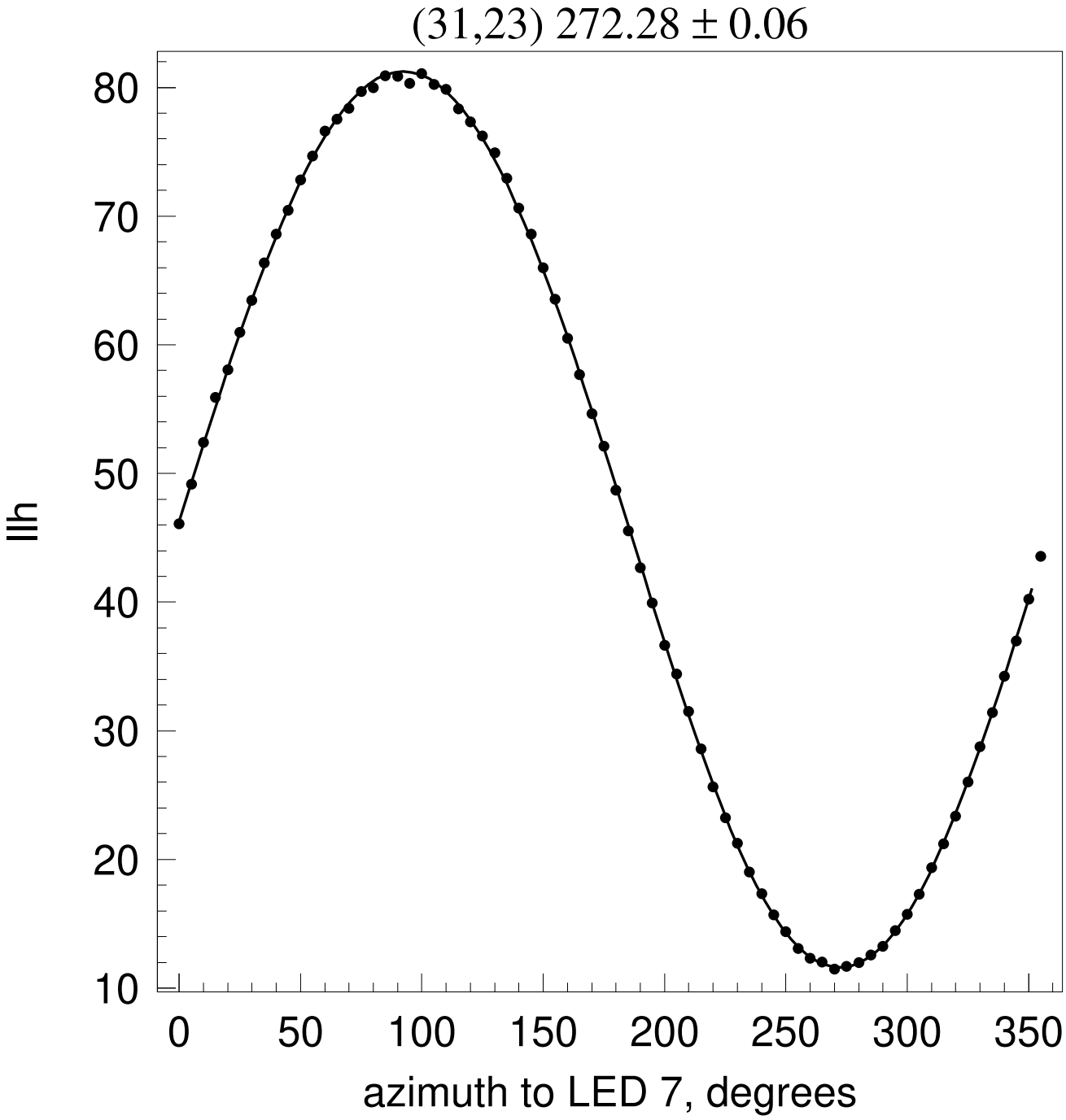

(31,18) 14.01 ± 0.17
35
32.5
30
27.5
25
22.5
20
17.5
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

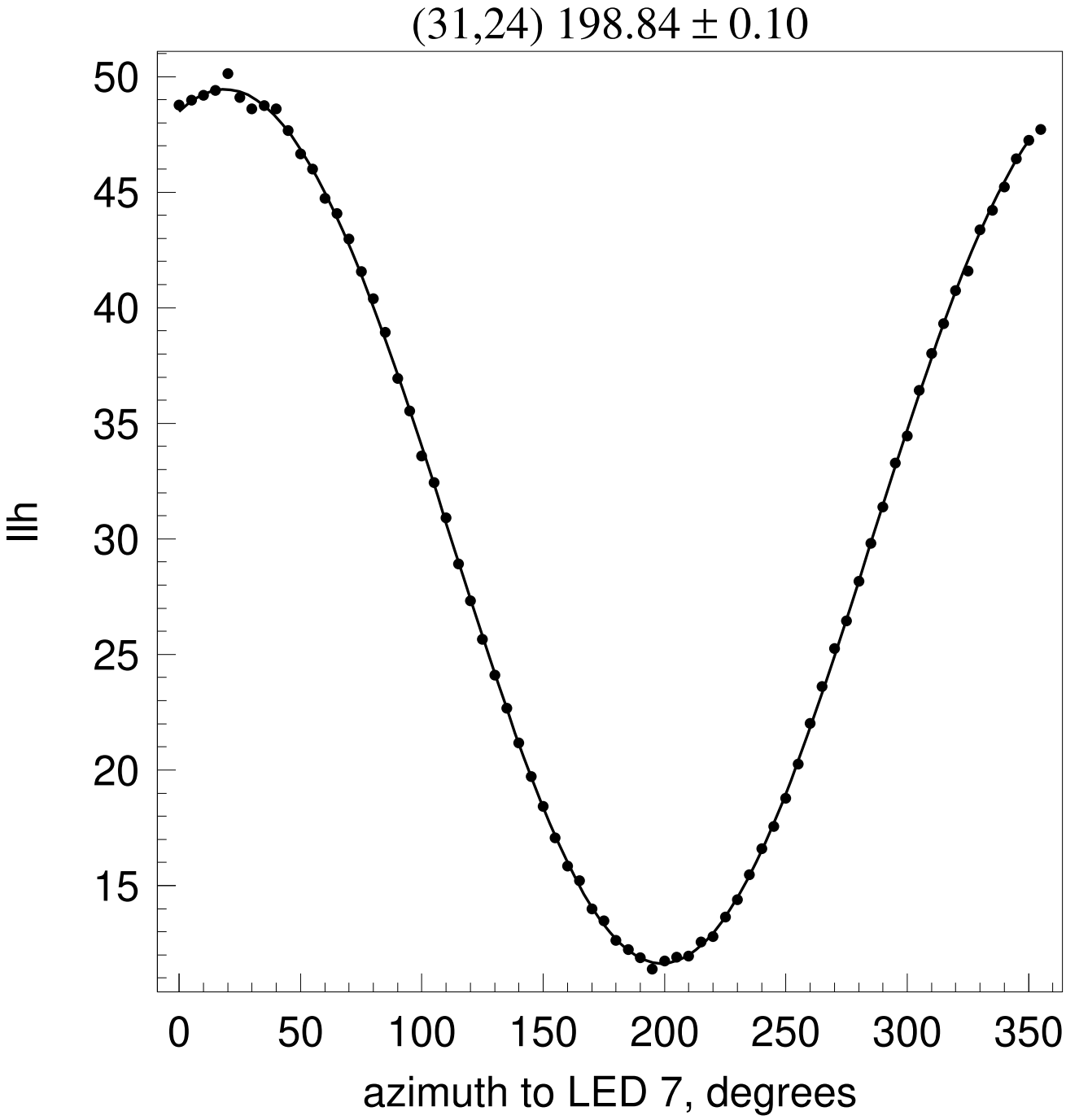

(31,19) 185.37 ± 0.11
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

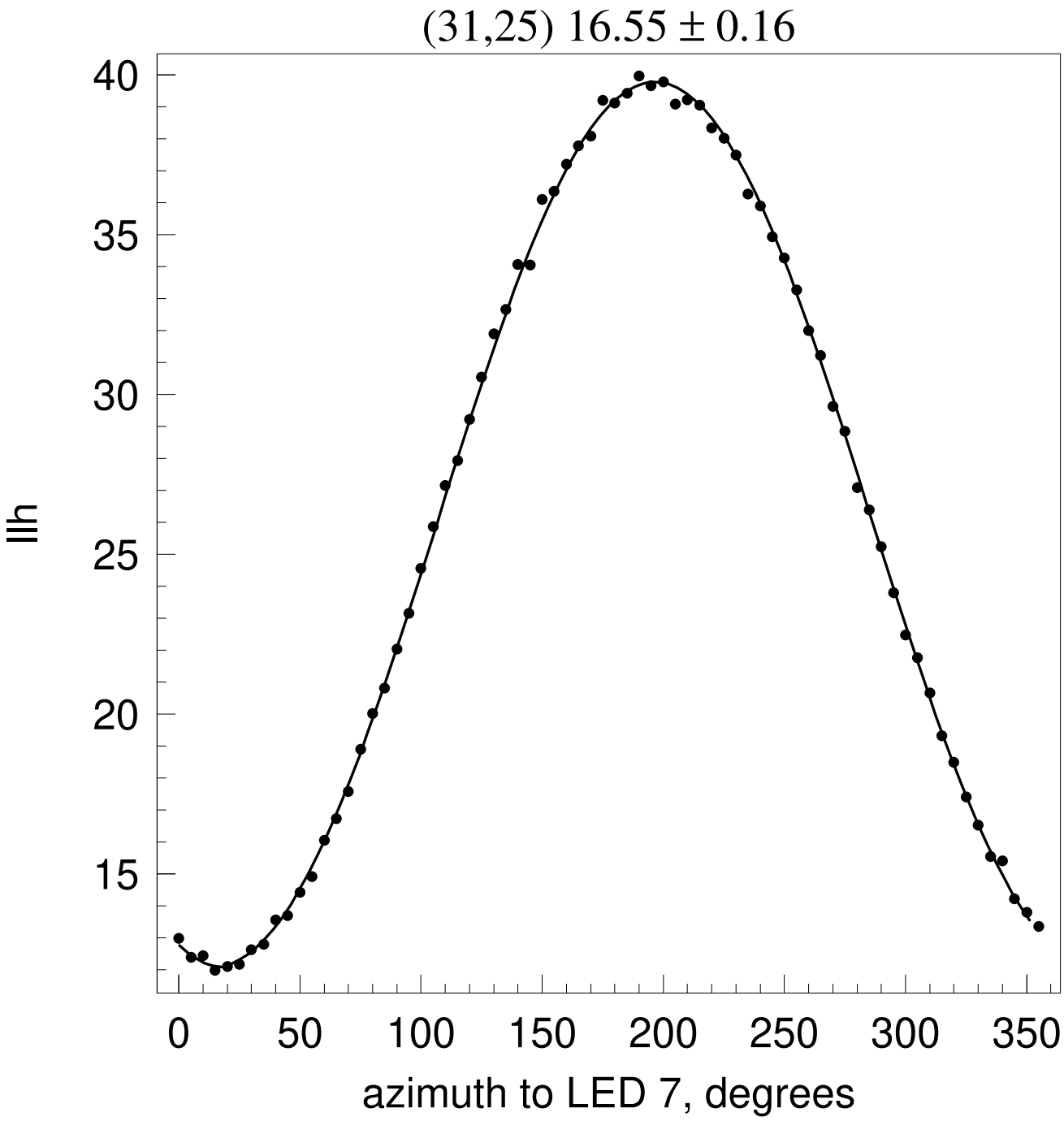

(31,20) 244.73 ± 0.08
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

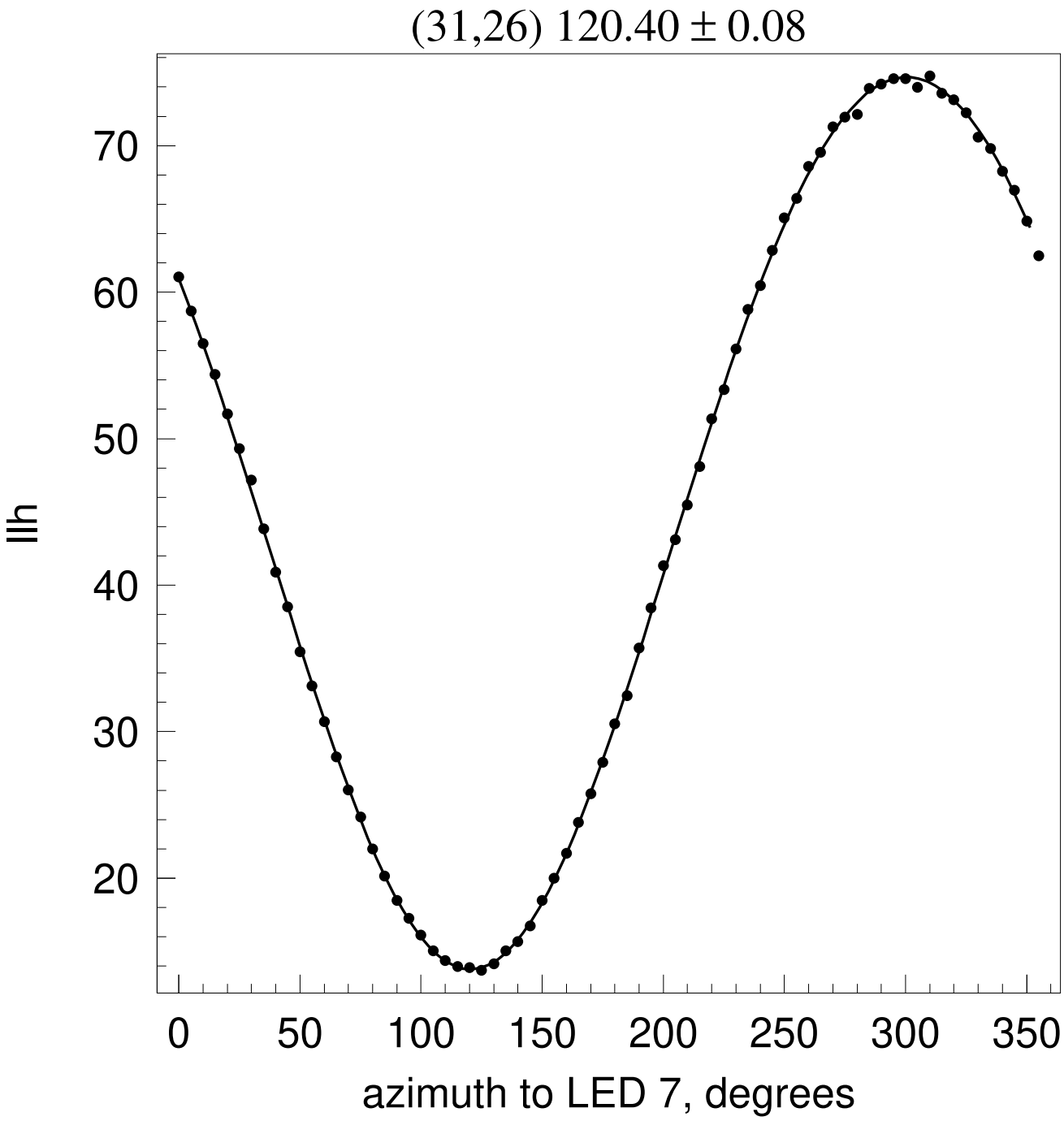

(31,21) 30.94 ± 0.10
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

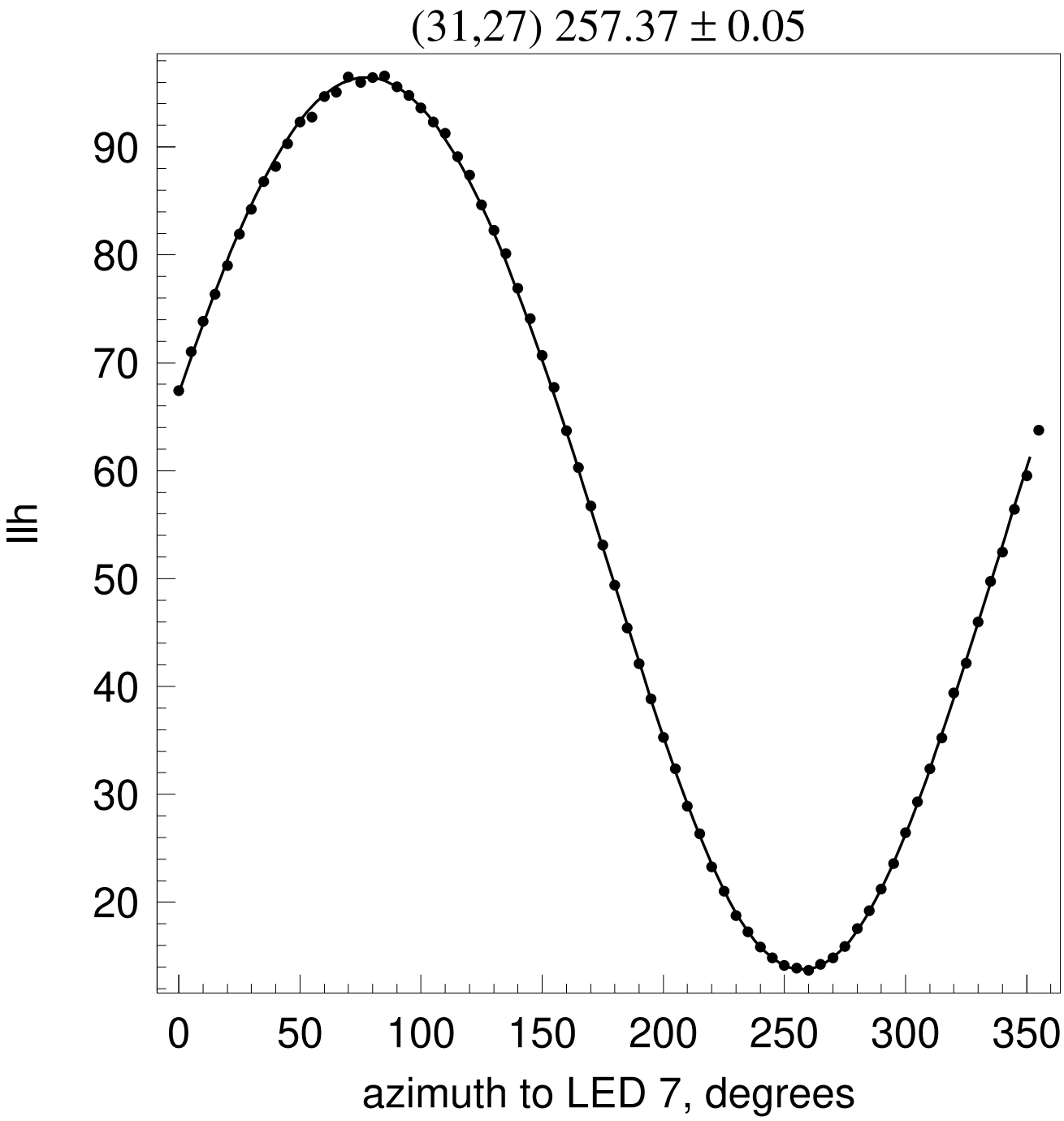

(31,22) 36.53 ± 0.09
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

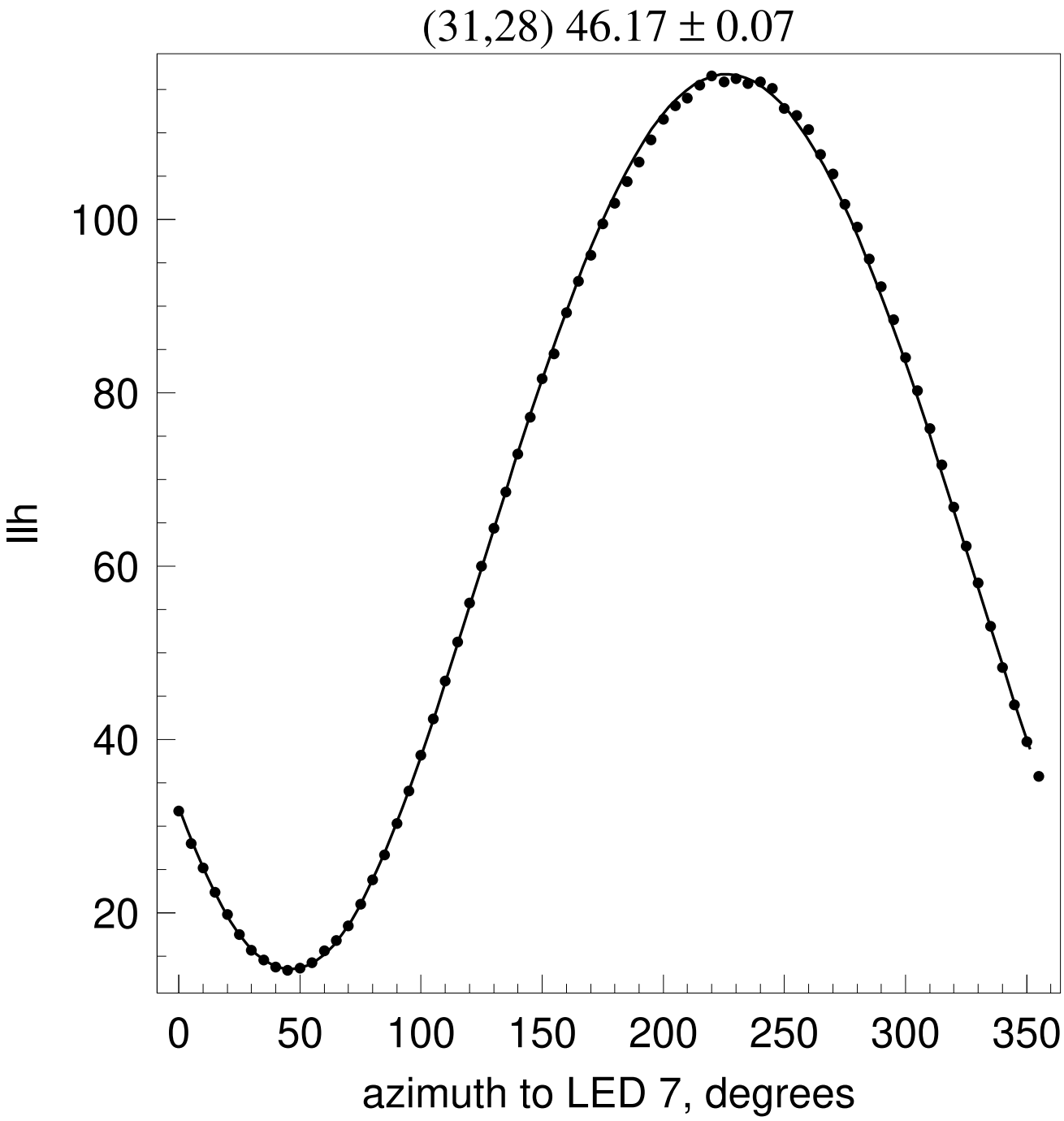

(31,23) 272.28 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

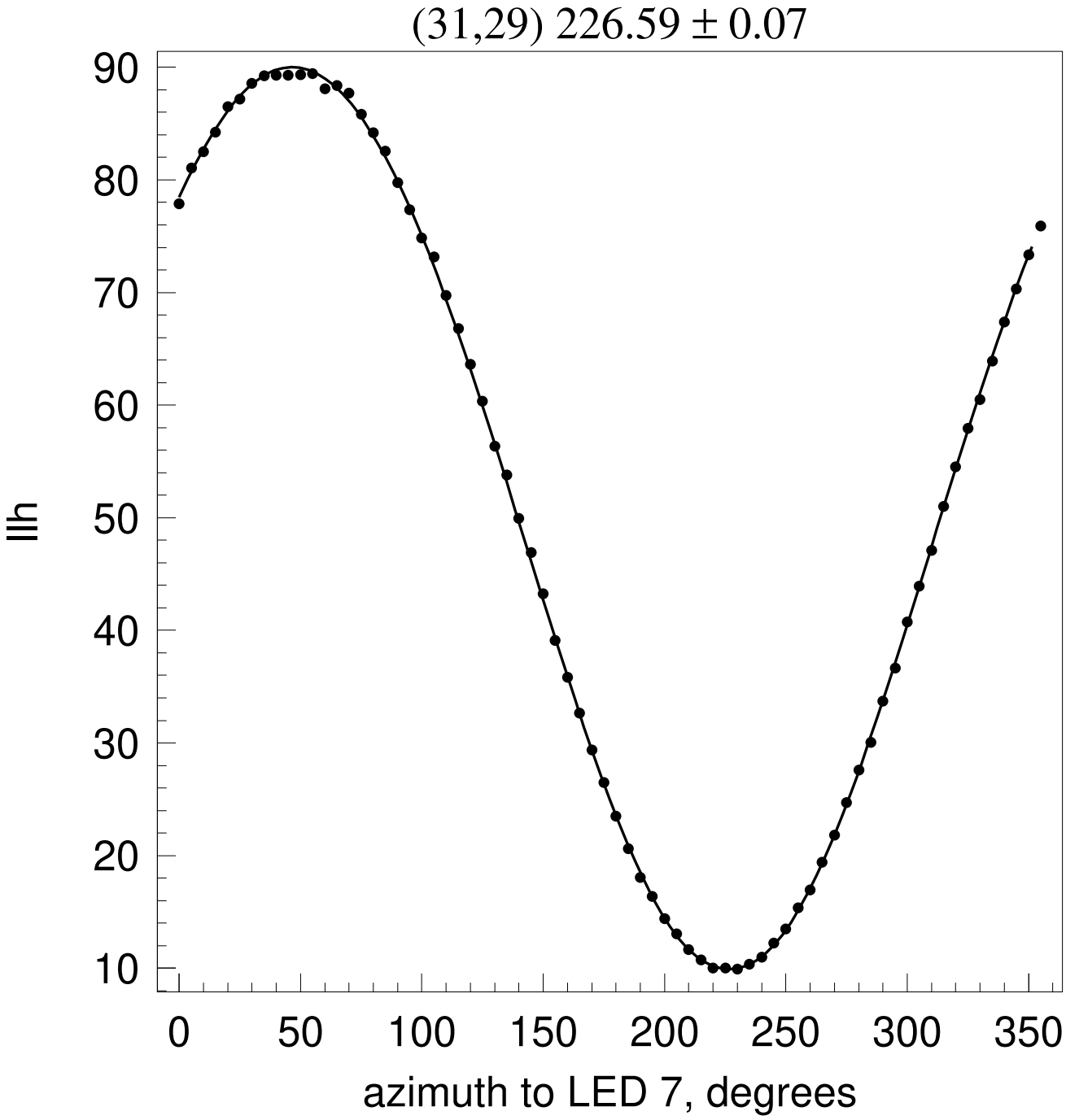

(31,24) 198.84 ± 0.10
50
45
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

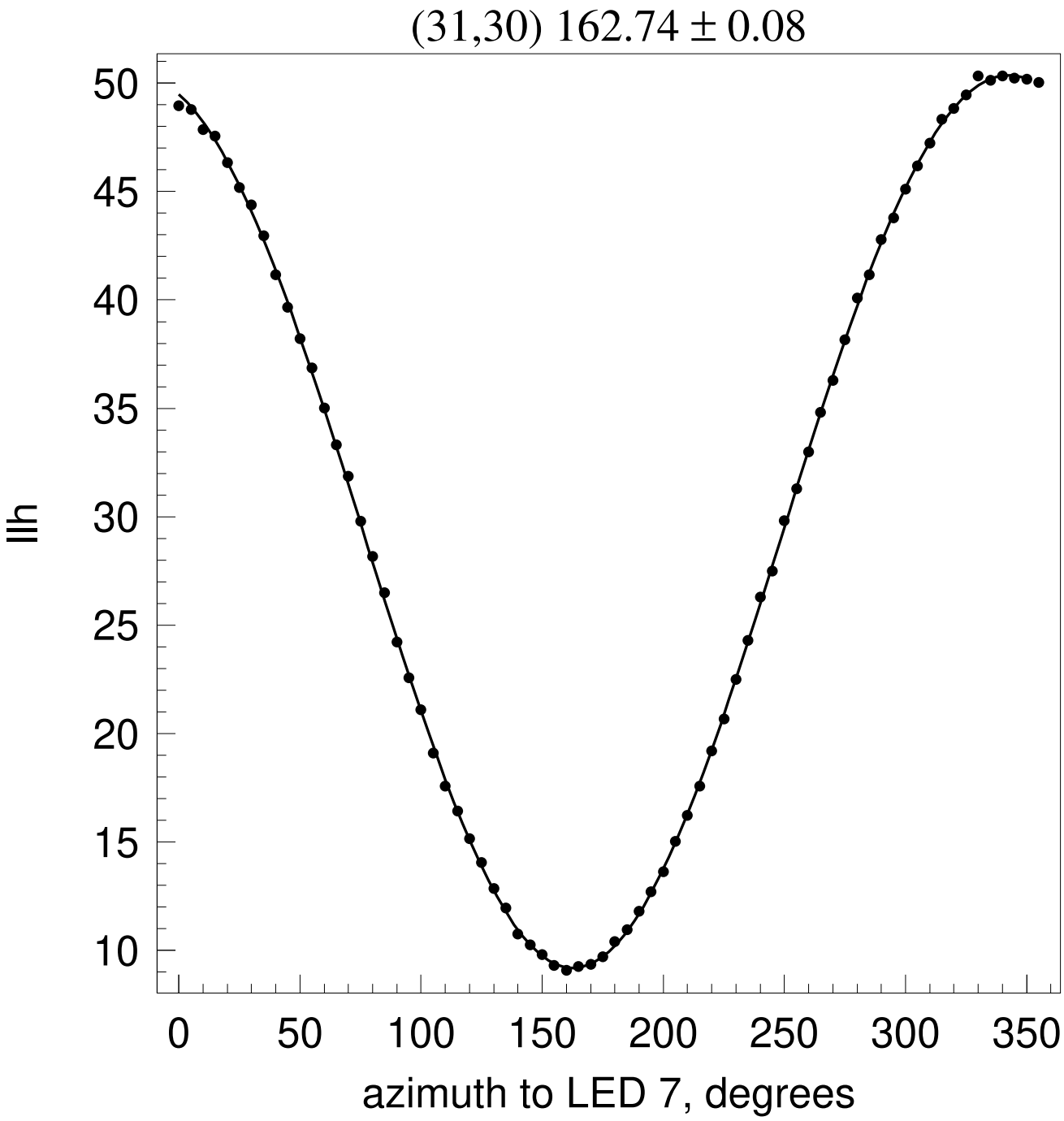

(31,25) 16.55 ± 0.16
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

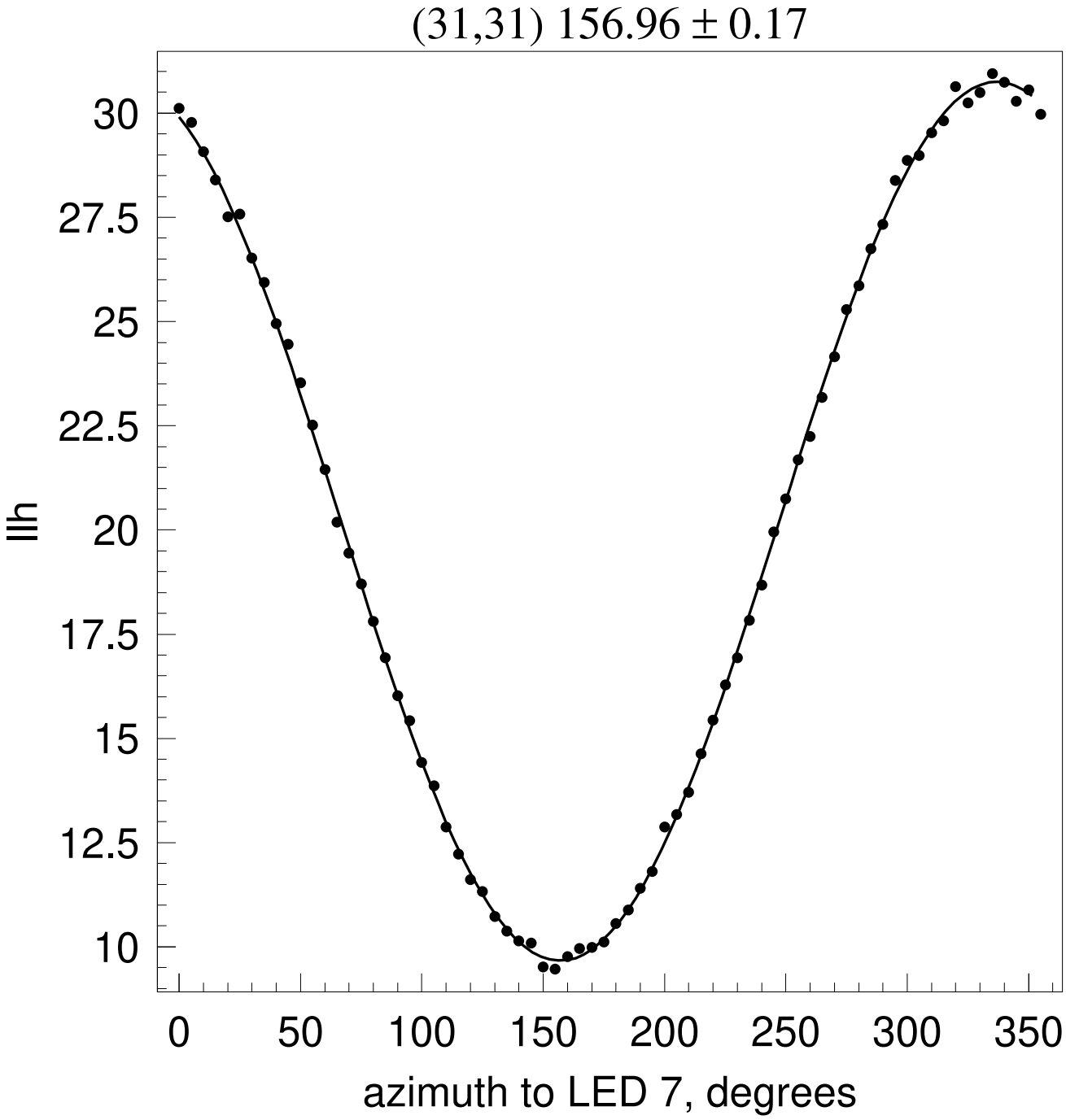

(31,26) 120.40 ± 0.08
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

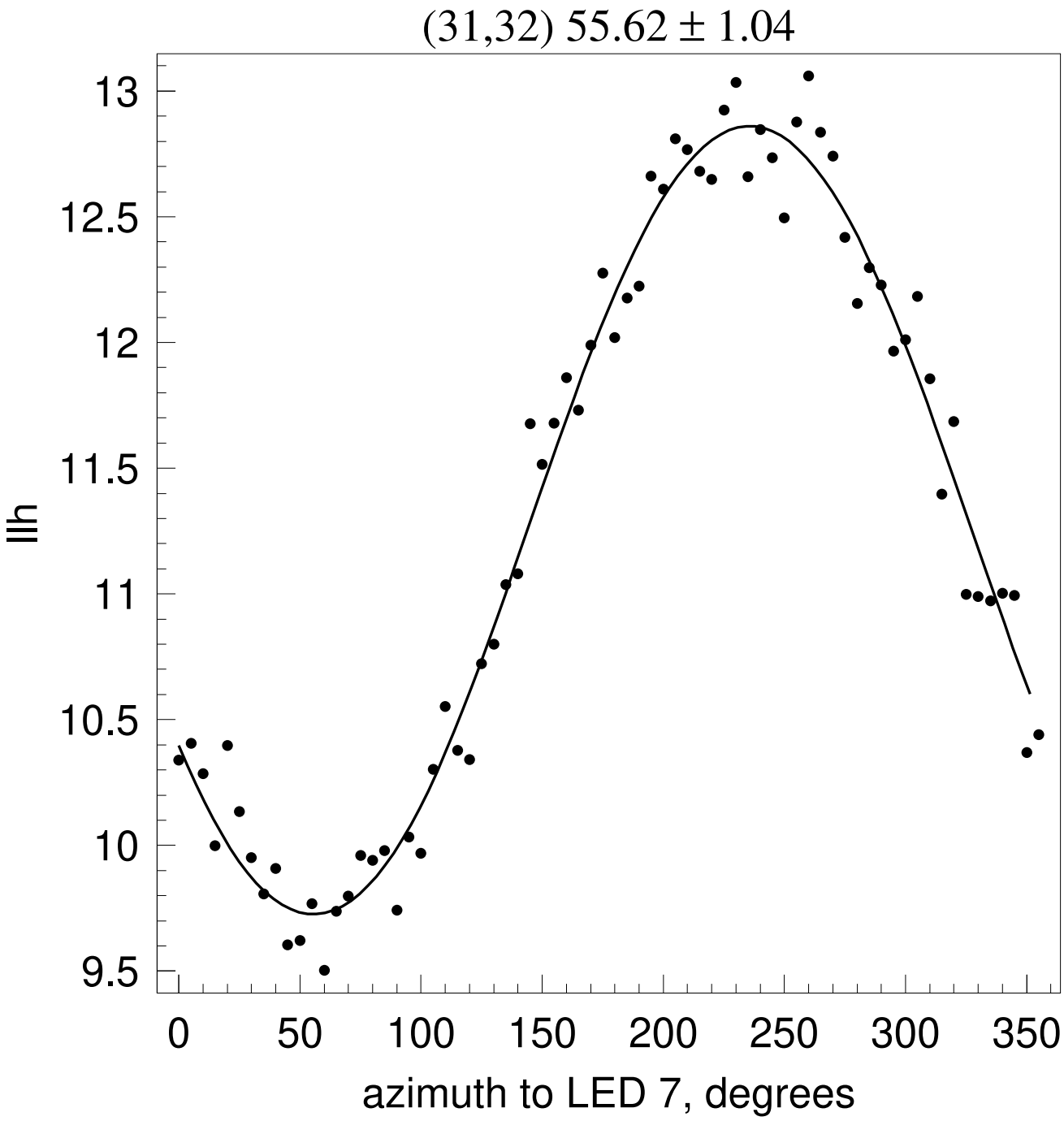

(31,27) 257.37 ± 0.05
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

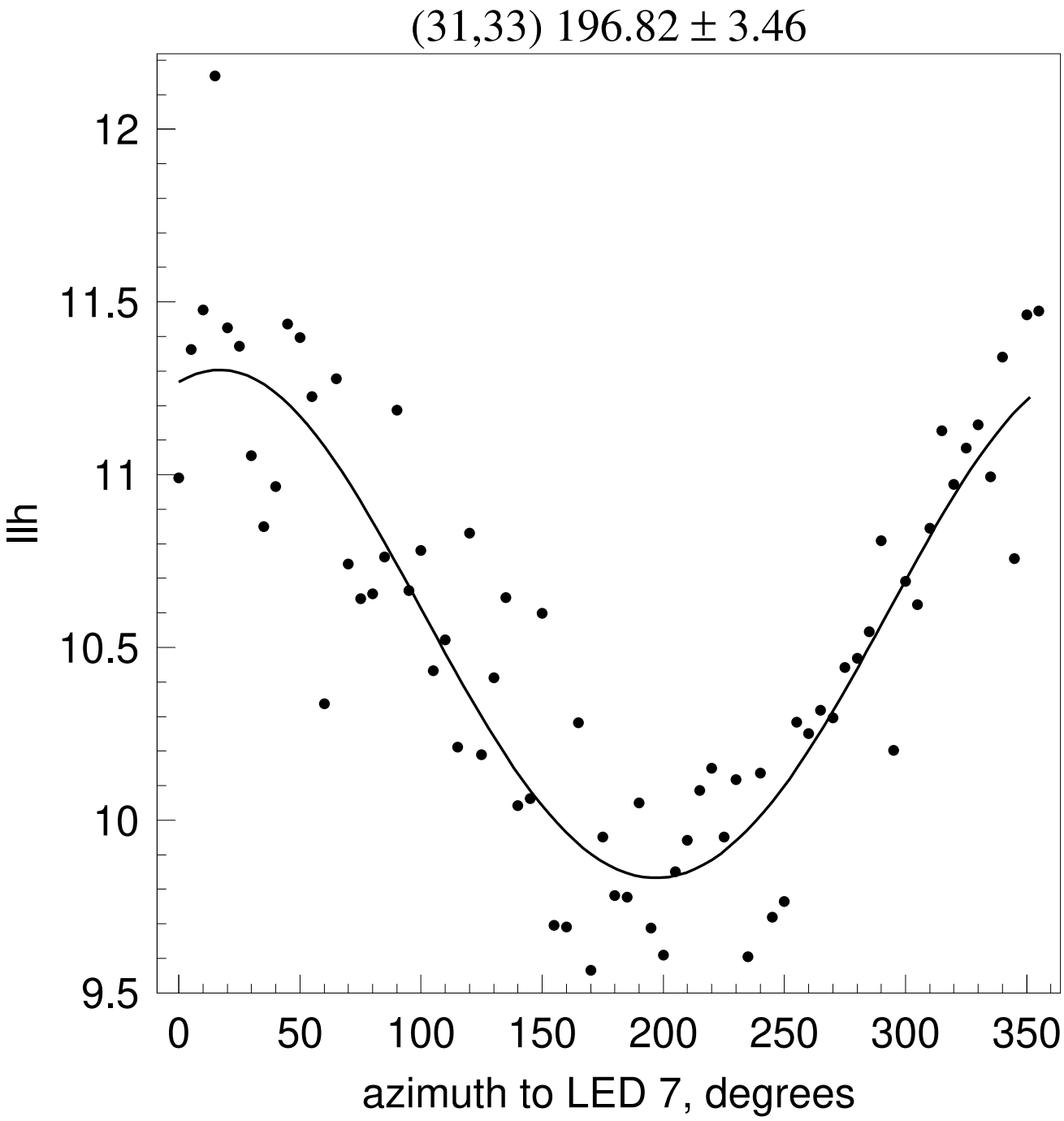

(31,28) 46.17 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

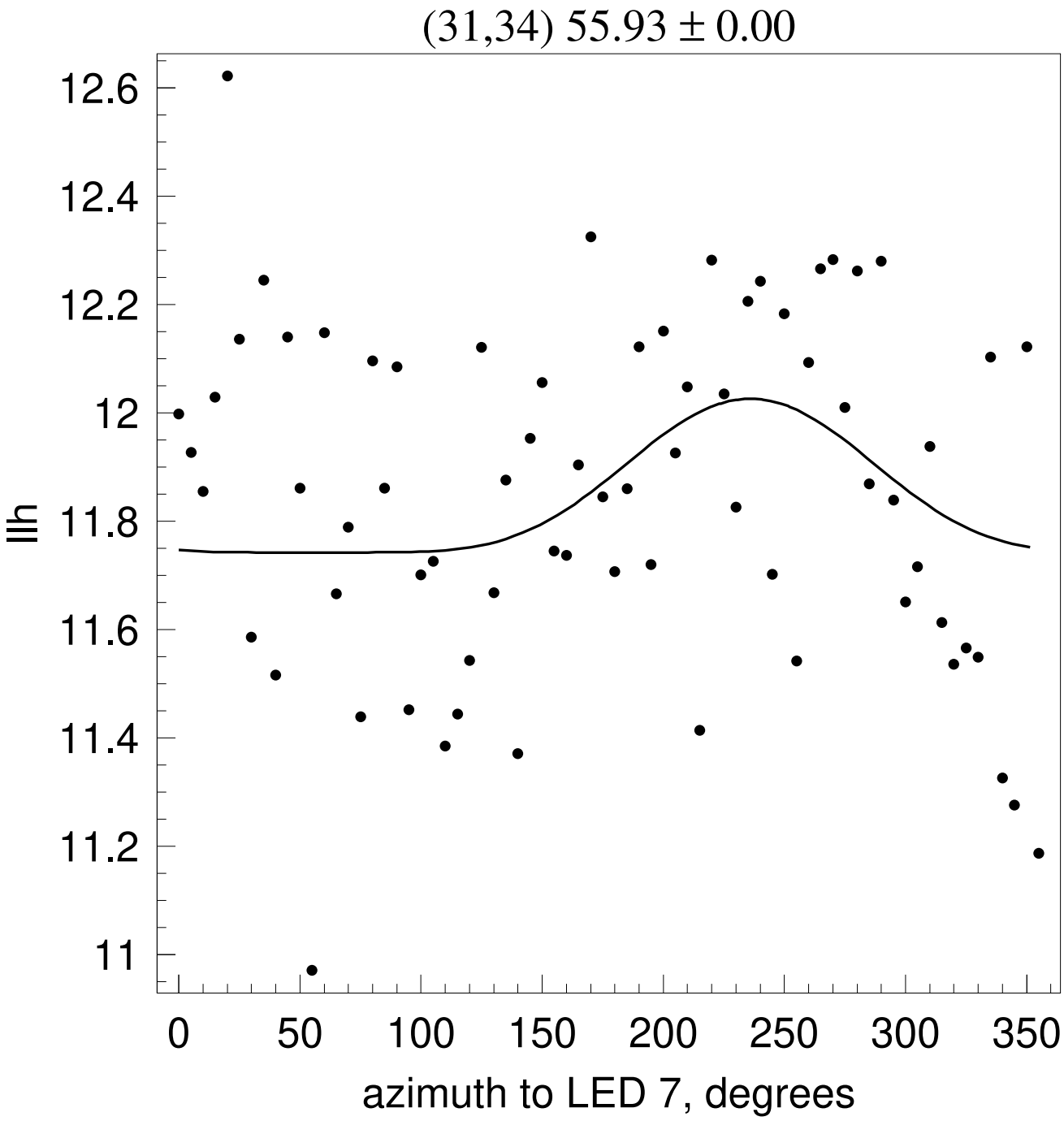

(31,29) 226.59 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

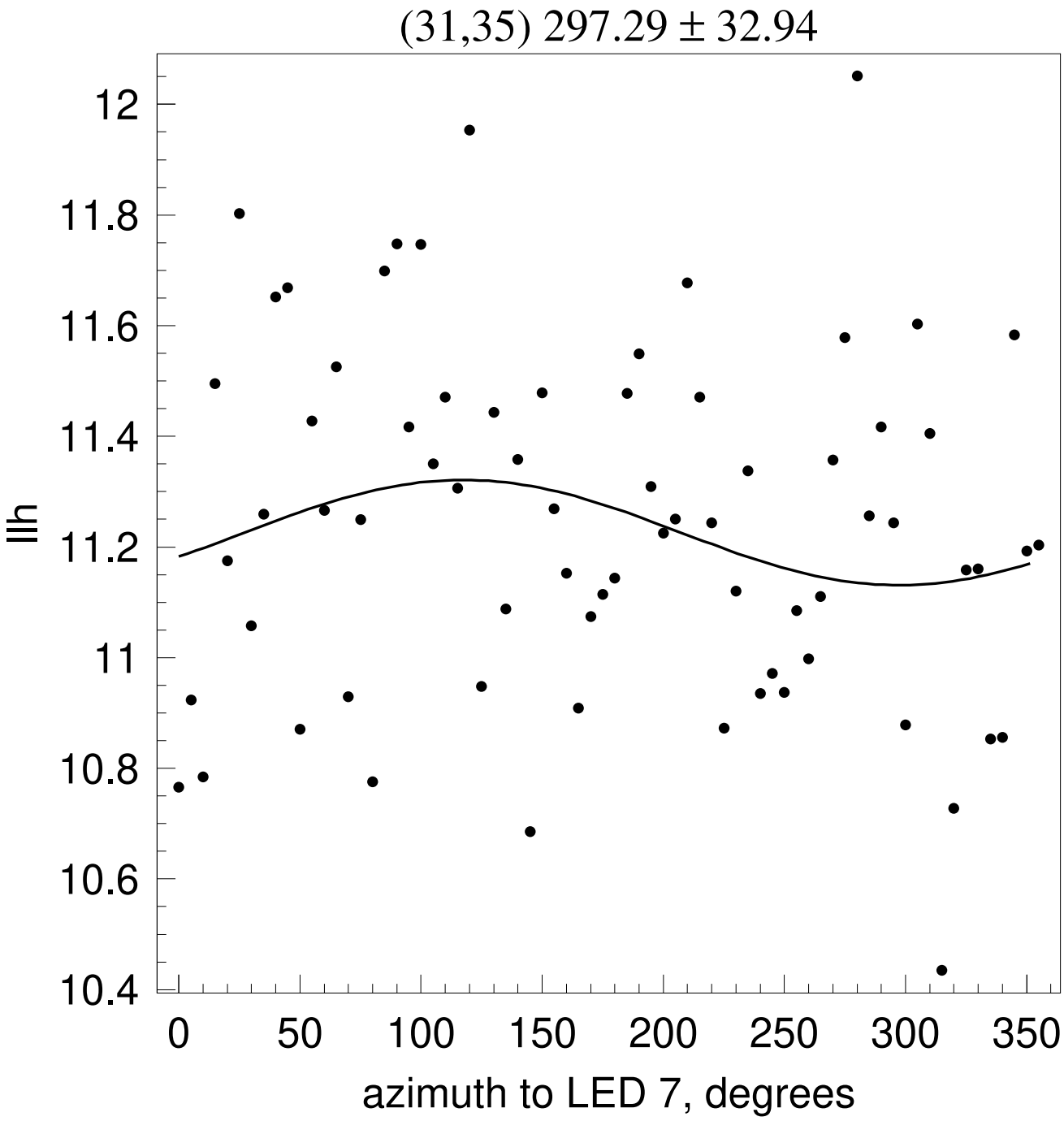

(31,30) 162.74 ± 0.08
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

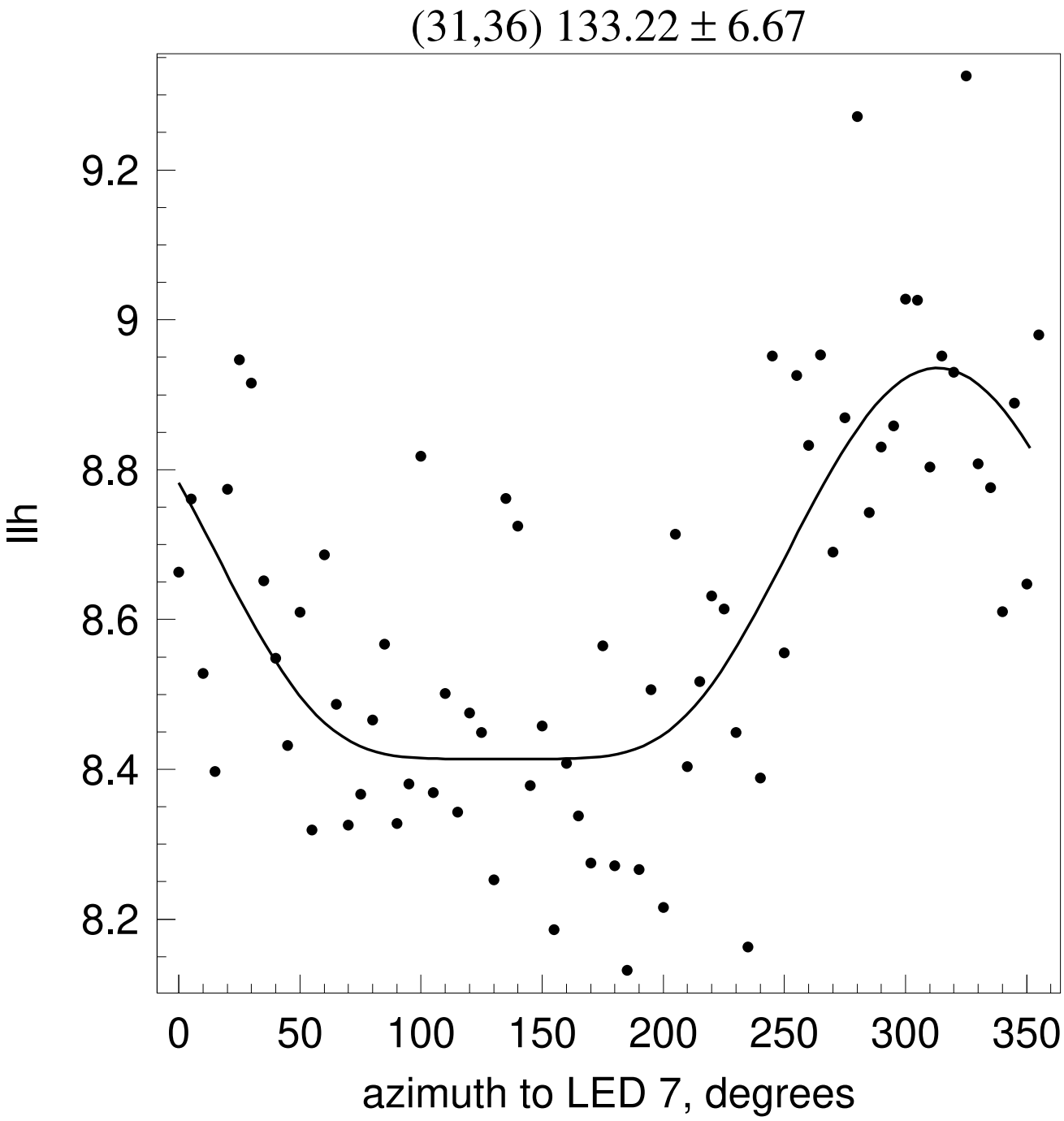

(31,31) 156.96 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

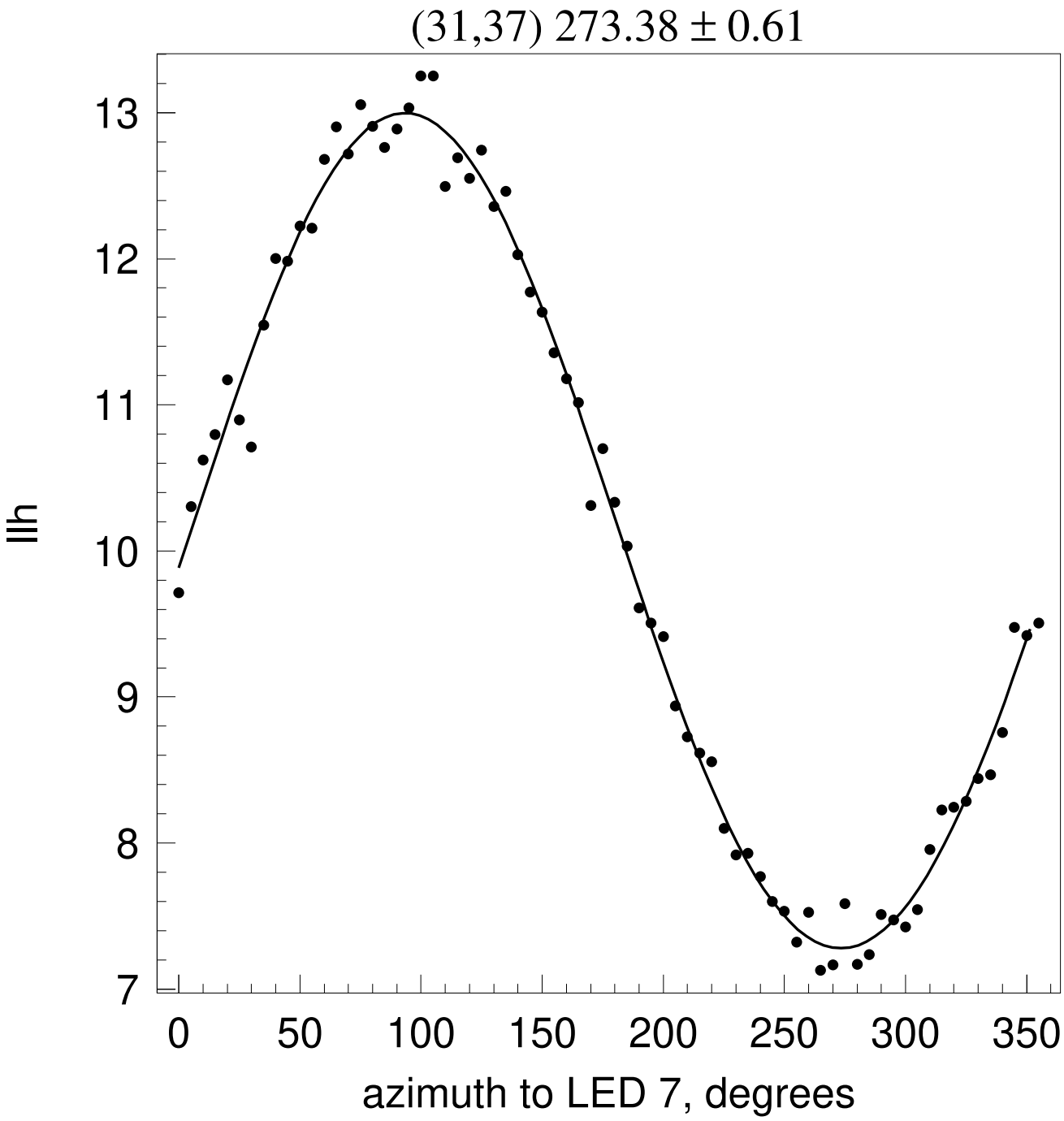

(31,32) 55.62 ± 1.04
13
12.5
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

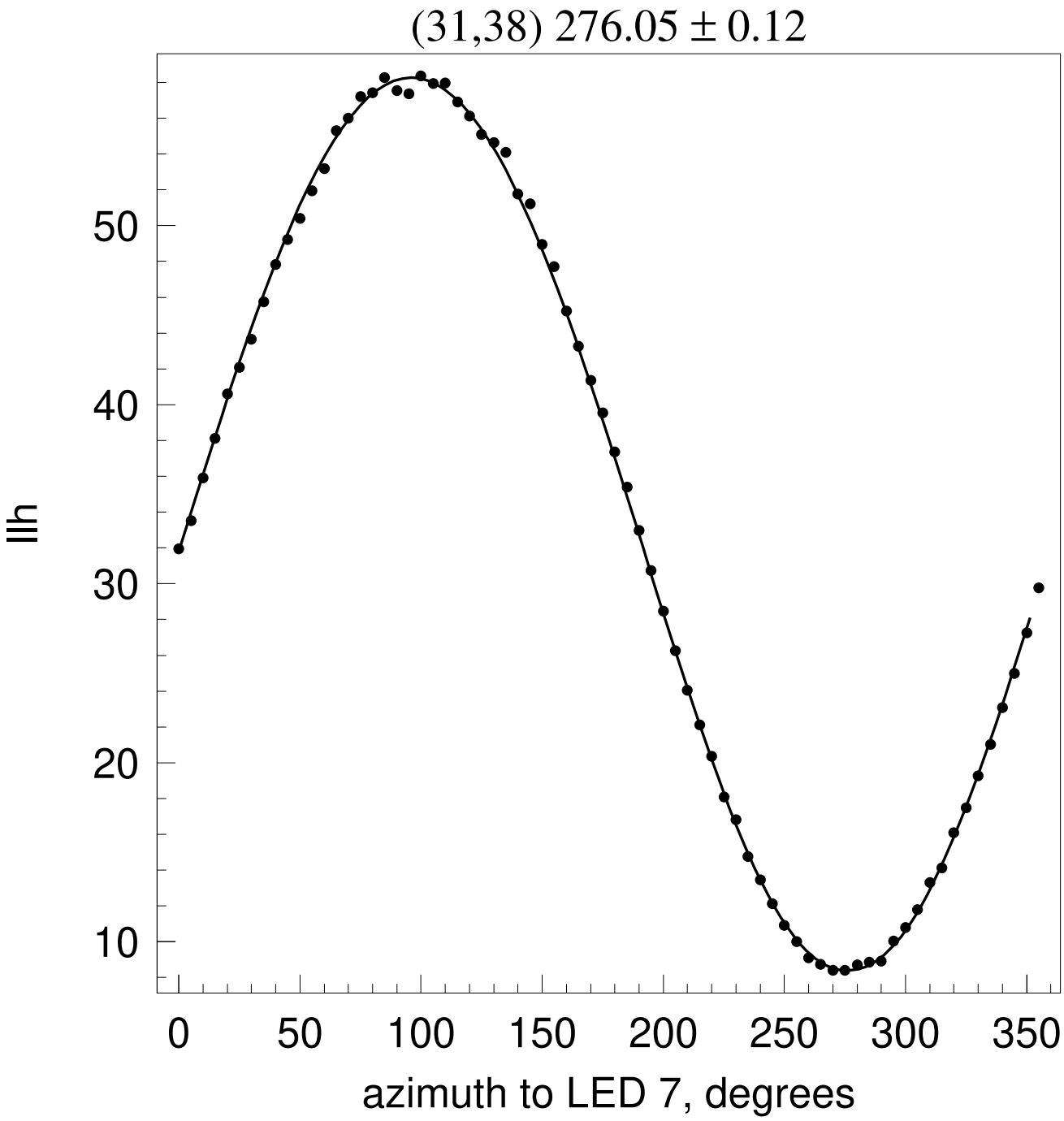

(31,33) 196.82 ± 3.46
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

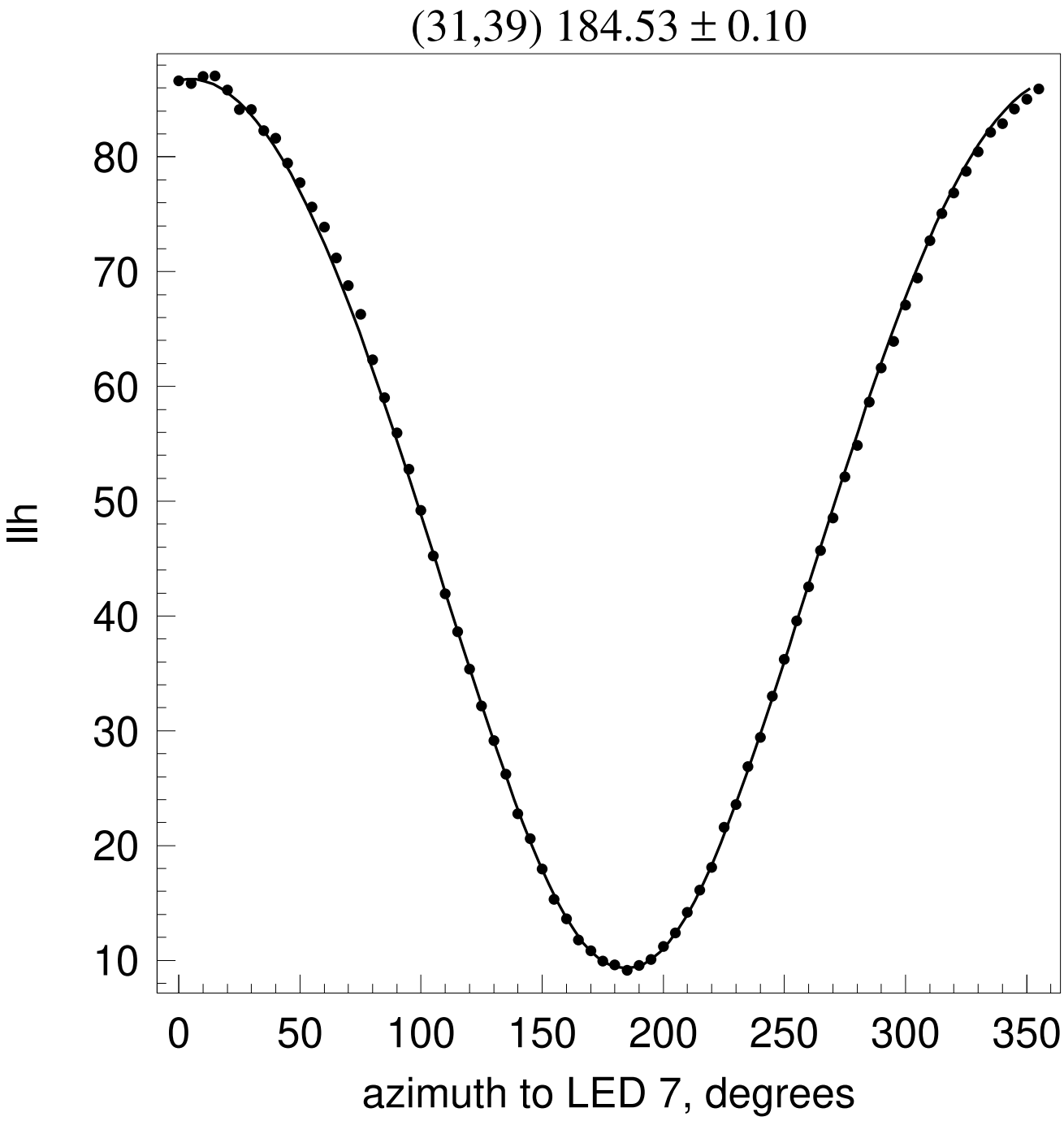

(31,34) 55.93 ± 0.00
12.6
12.4
12.2
12
11.8
11.6
11.4
11.2
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

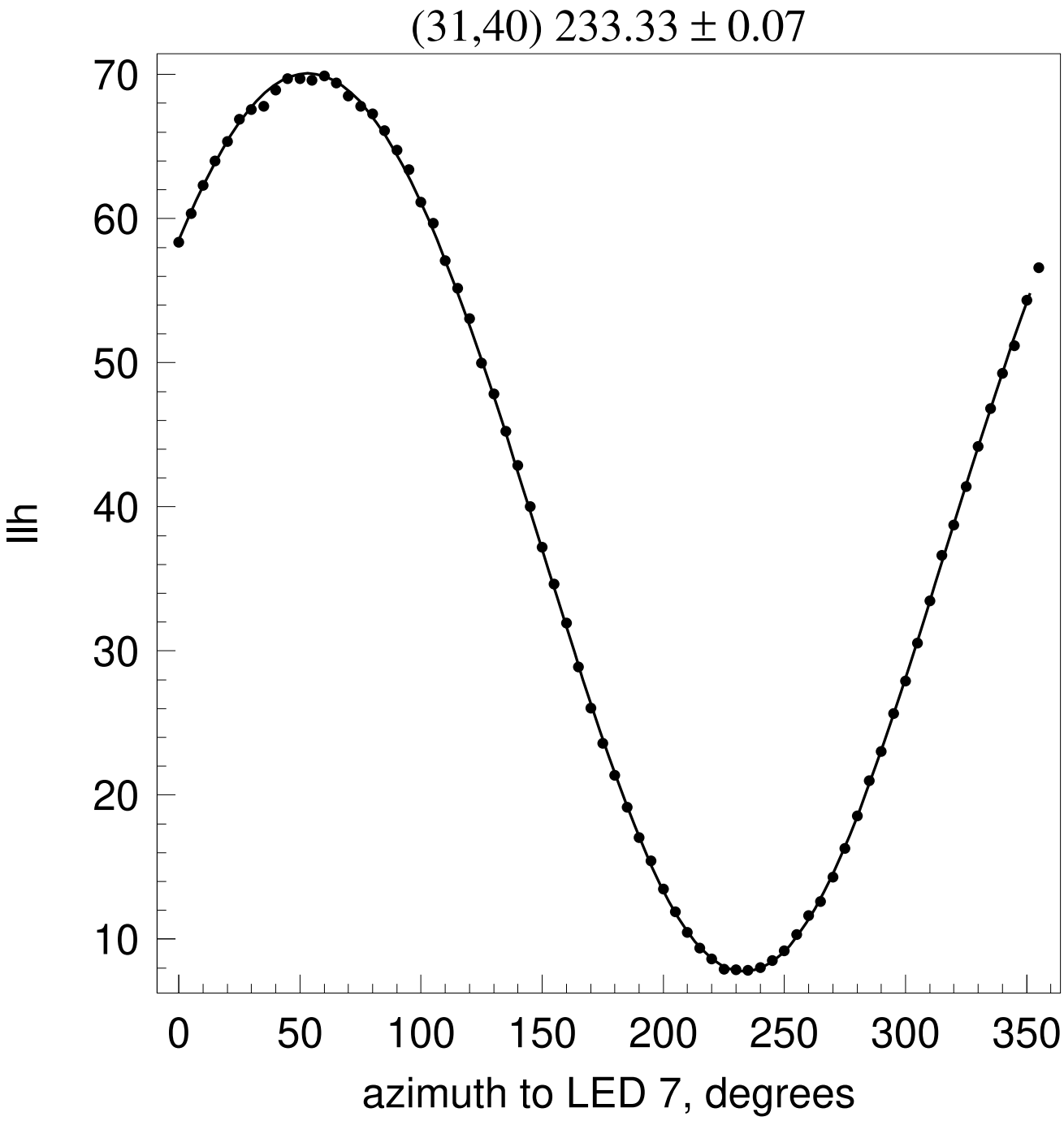

(31,35) 297.29 ± 32.94
12
11.8
11.6
11.4
11.2
11
10.8
10.6
10.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

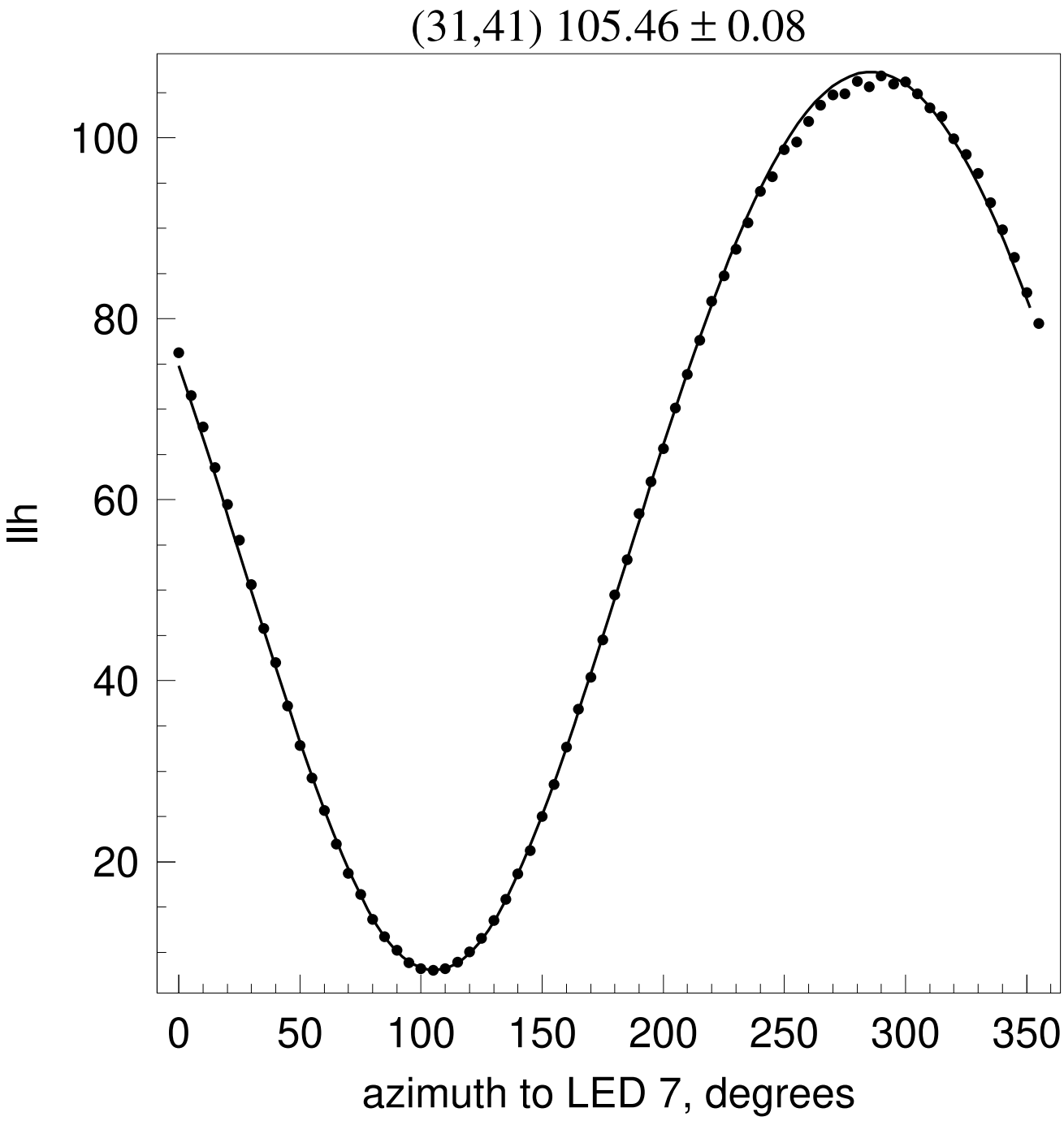

(31,36) 133.22 ± 6.67
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

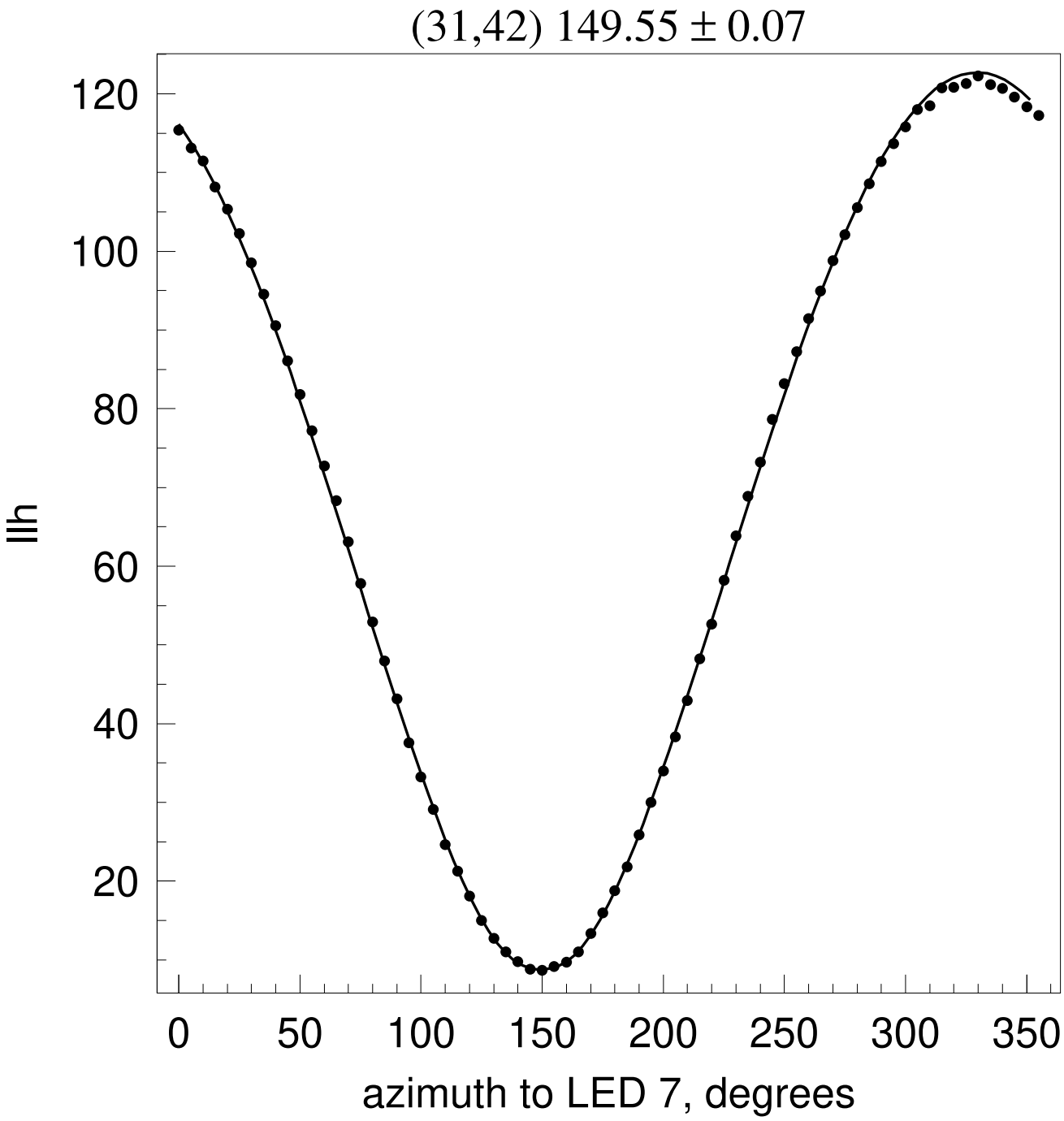

(31,37) 273.38 ± 0.61
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

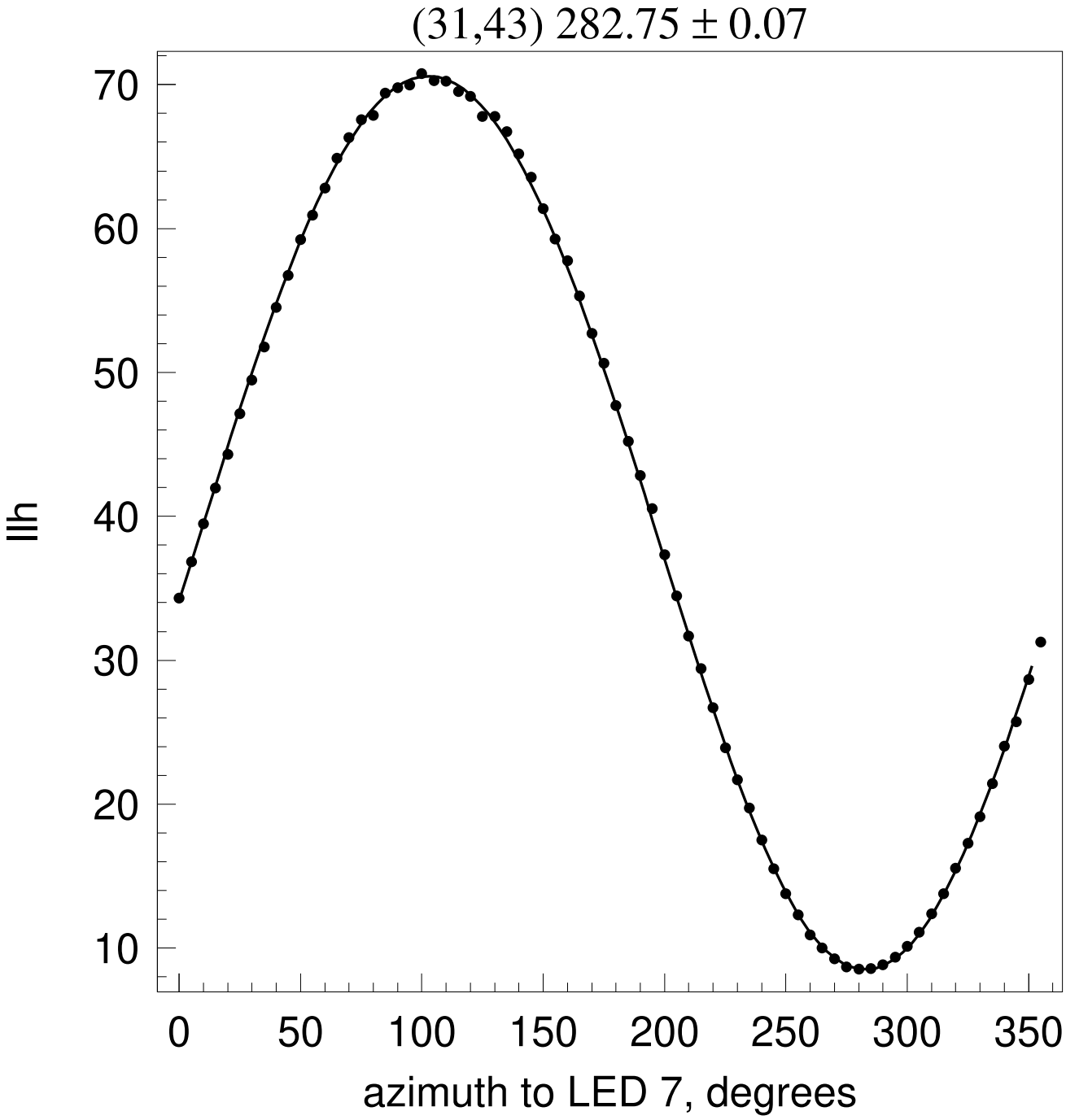

(31,38) 276.05 ± 0.12
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

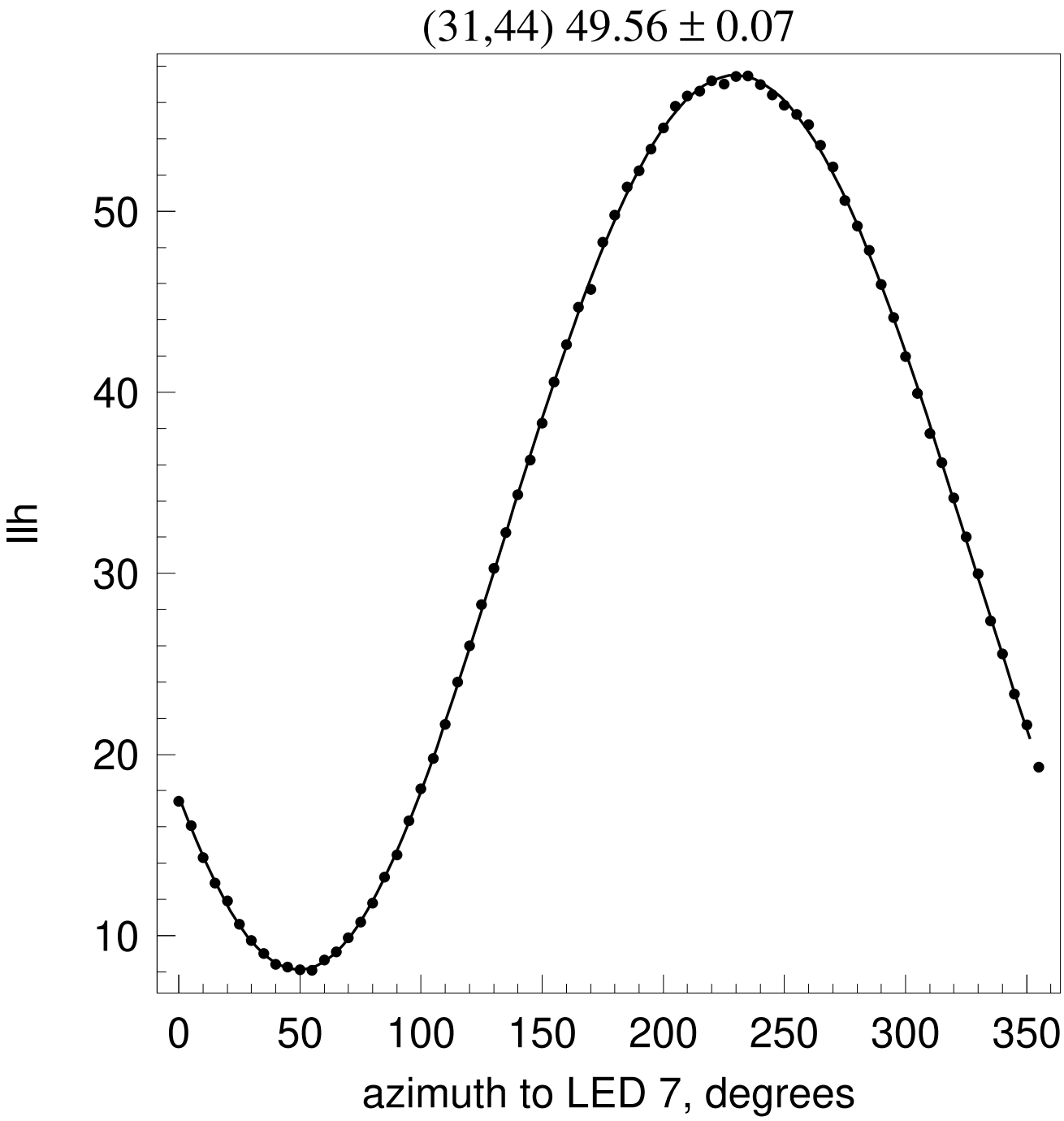

(31,39) 184.53 ± 0.10
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

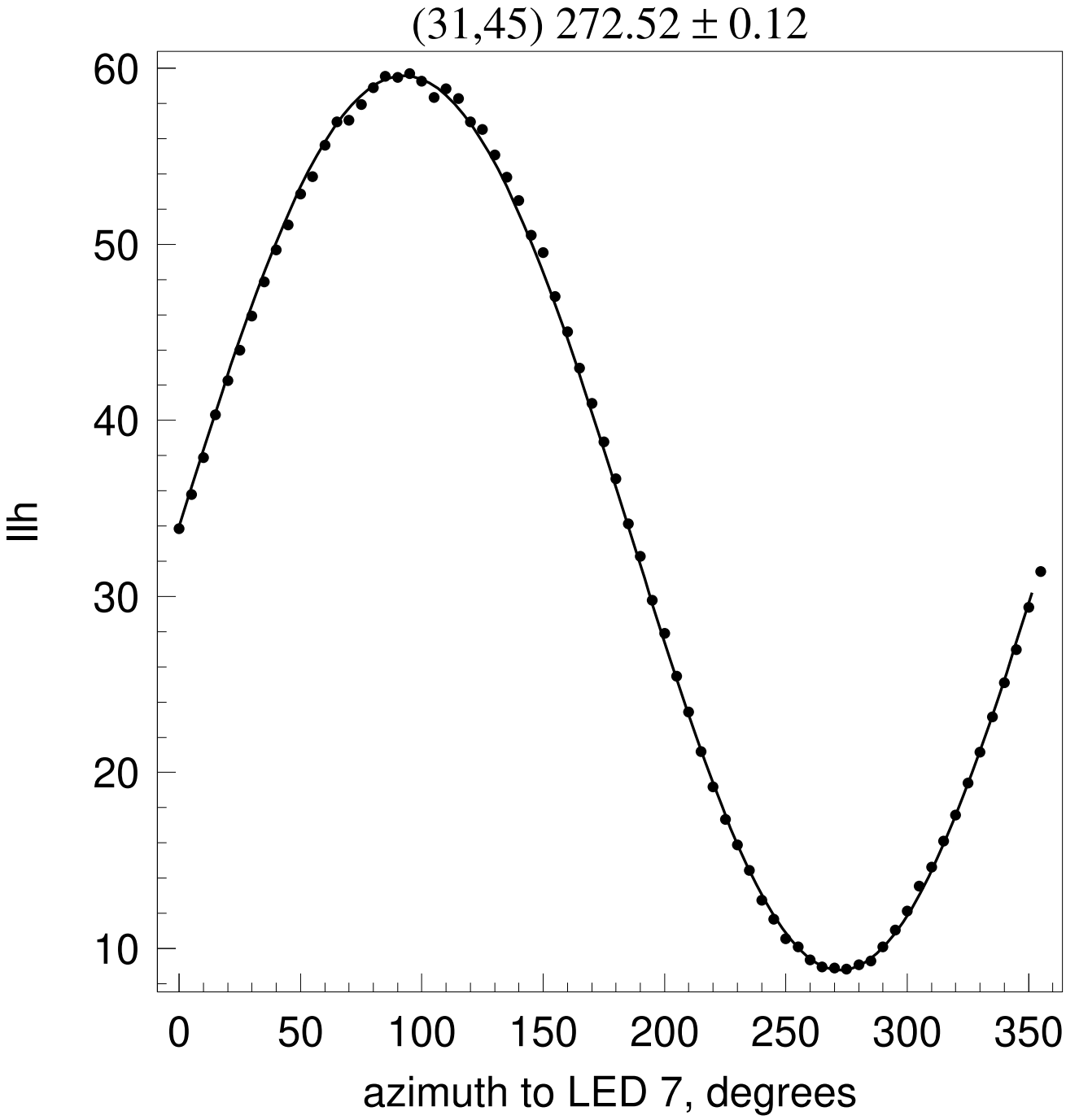

(31,40) 233.33 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

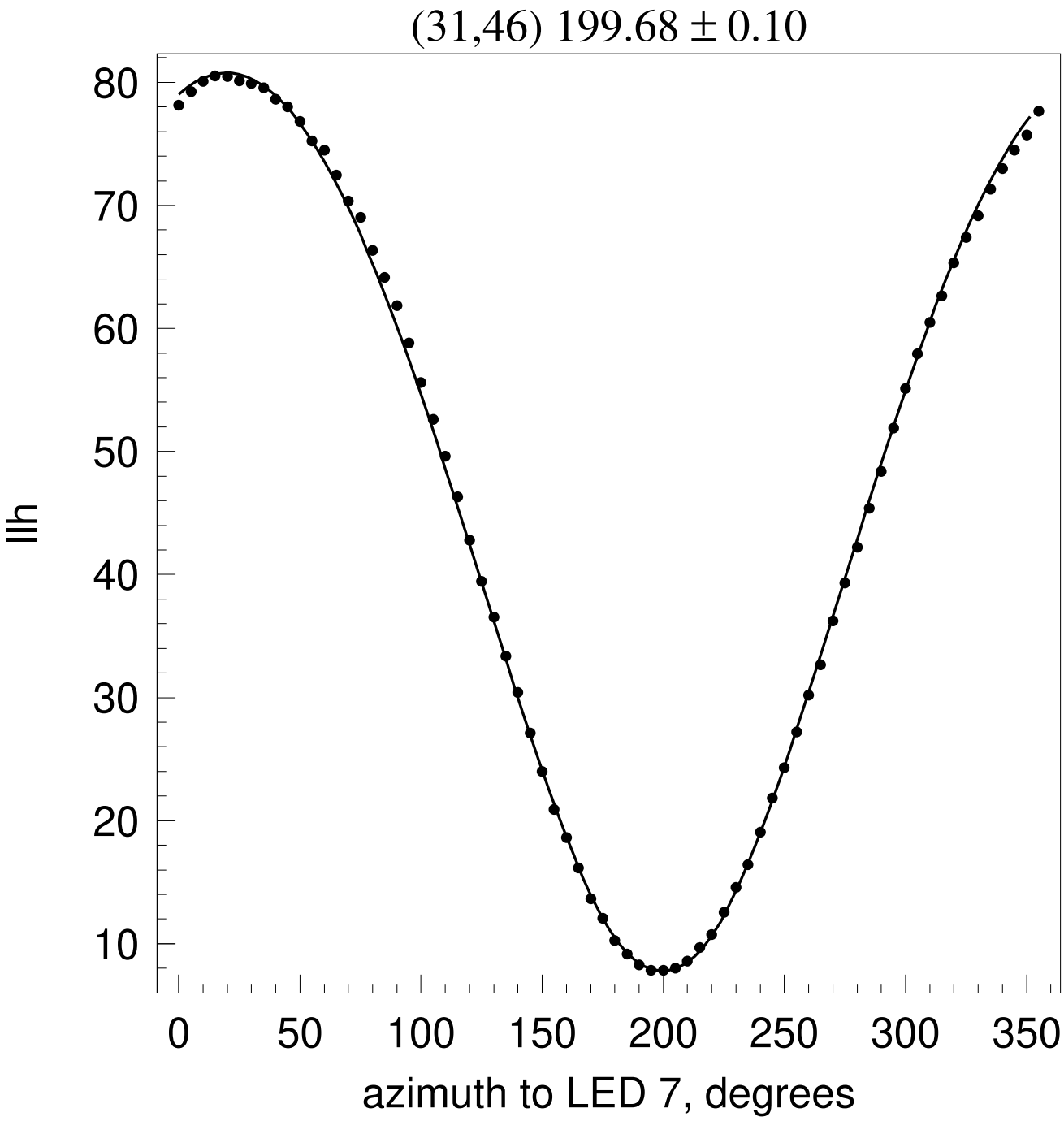

(31,41) 105.46 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

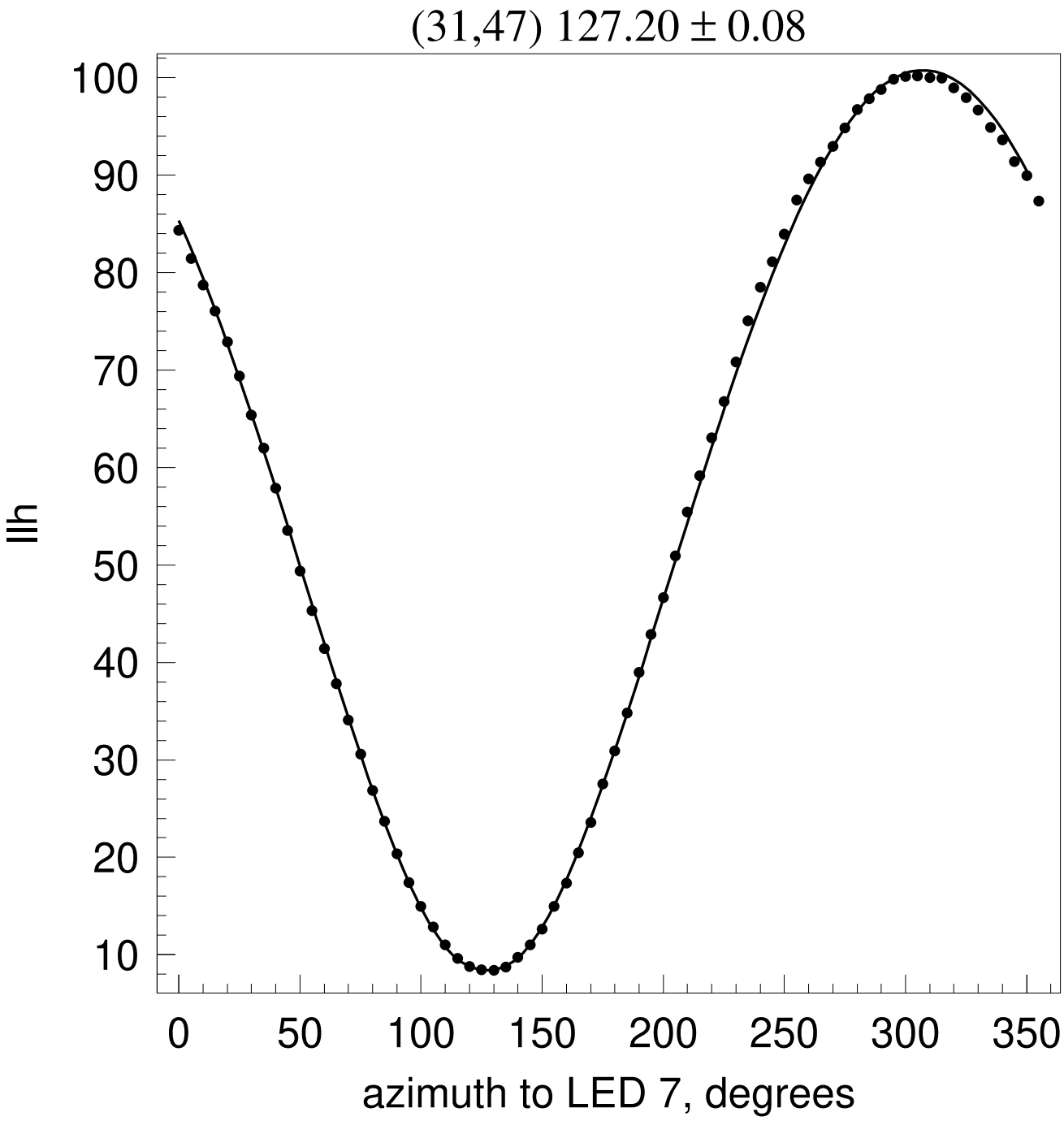

(31,42) 149.55 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

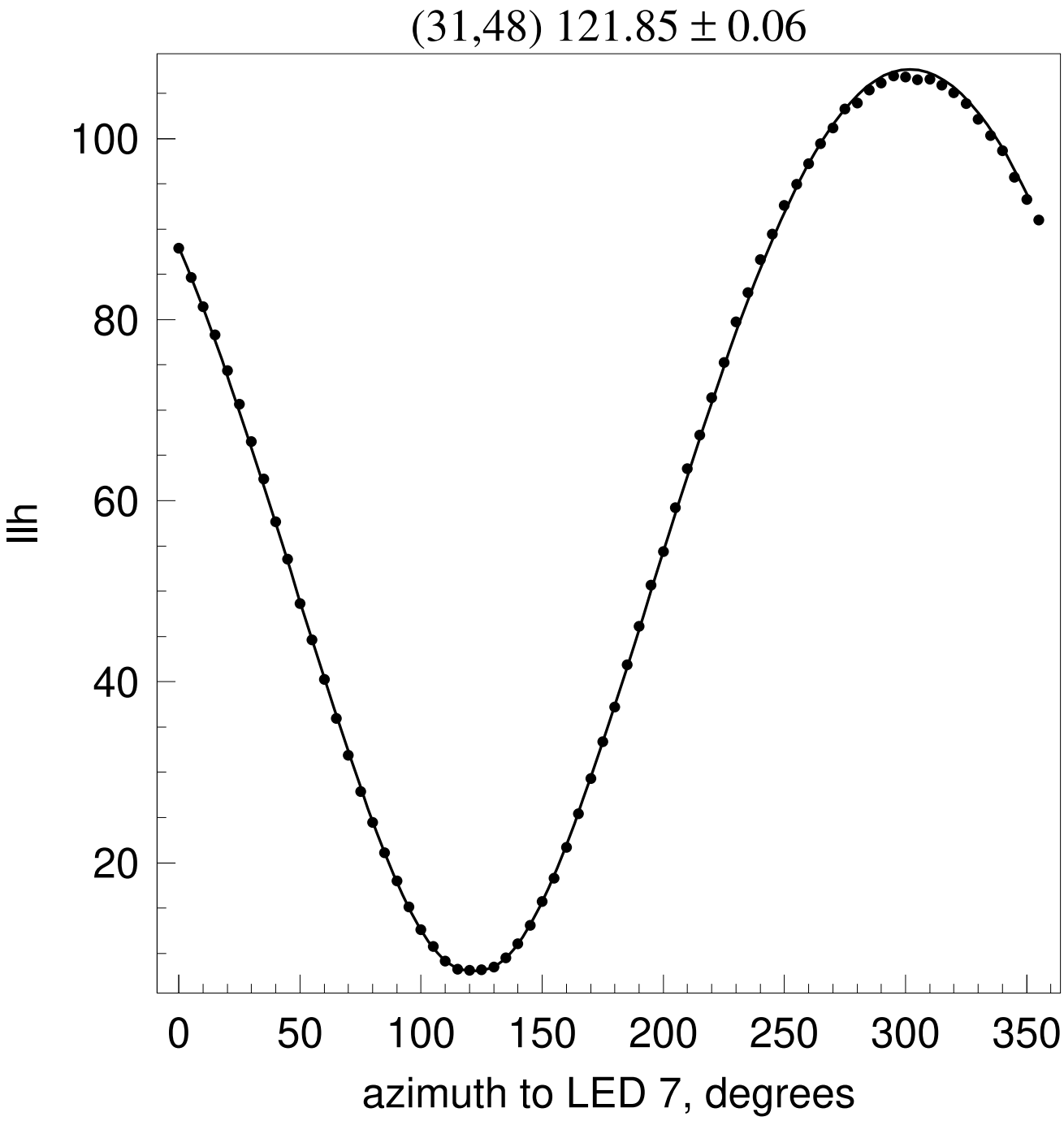

(31,43) 282.75 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

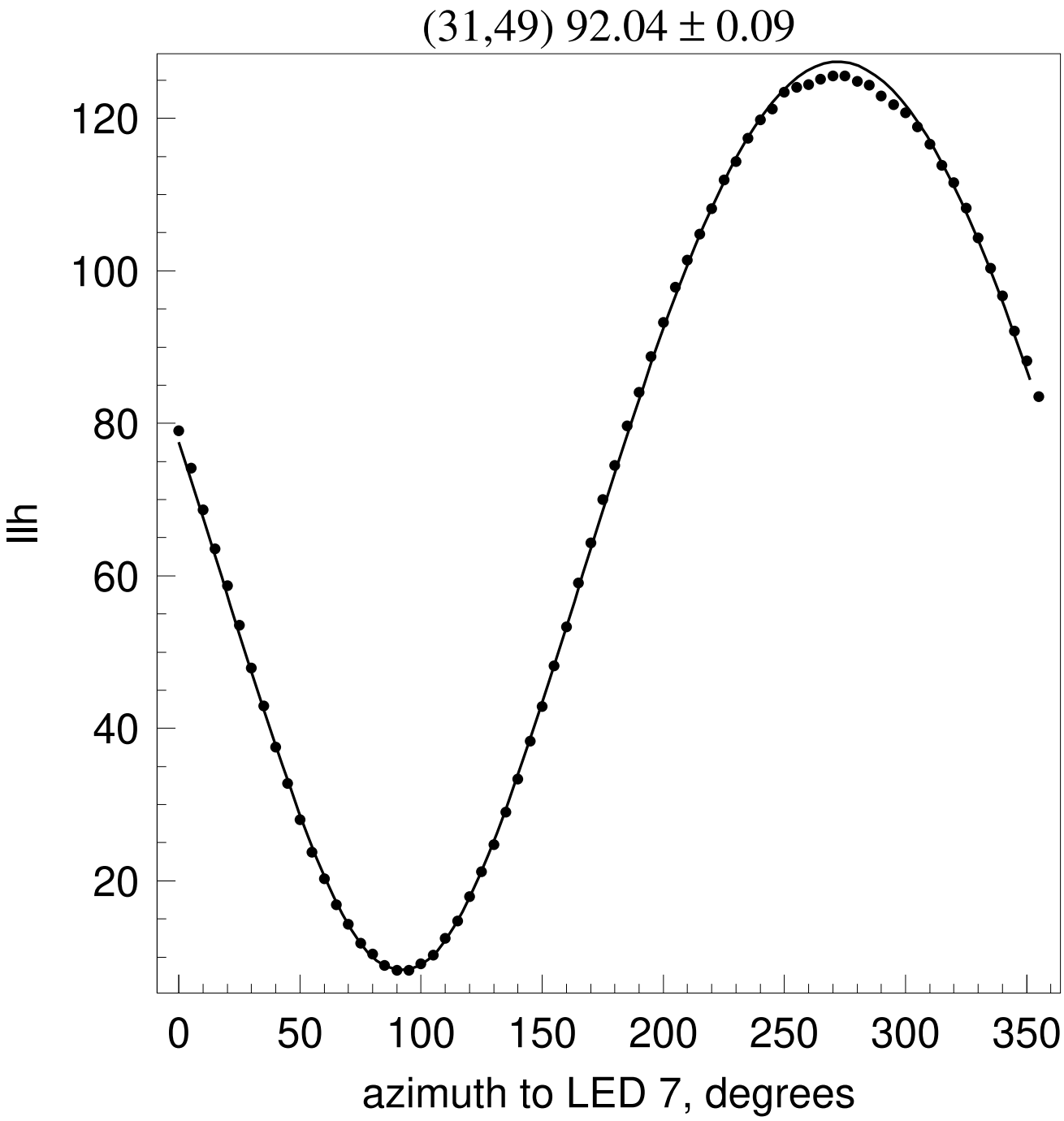

(31,44) 49.56 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

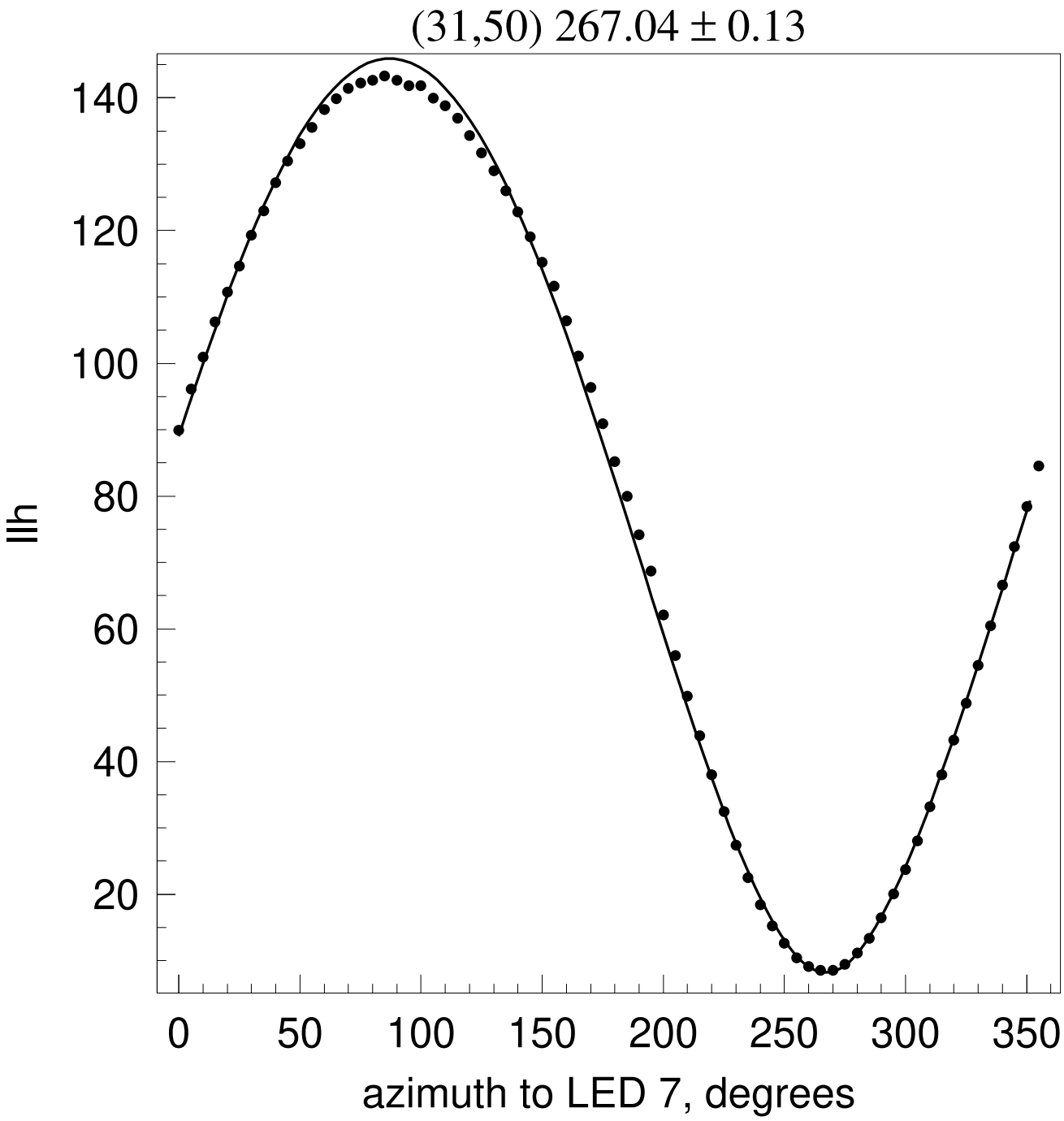

(31,45) 272.52 ± 0.12
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

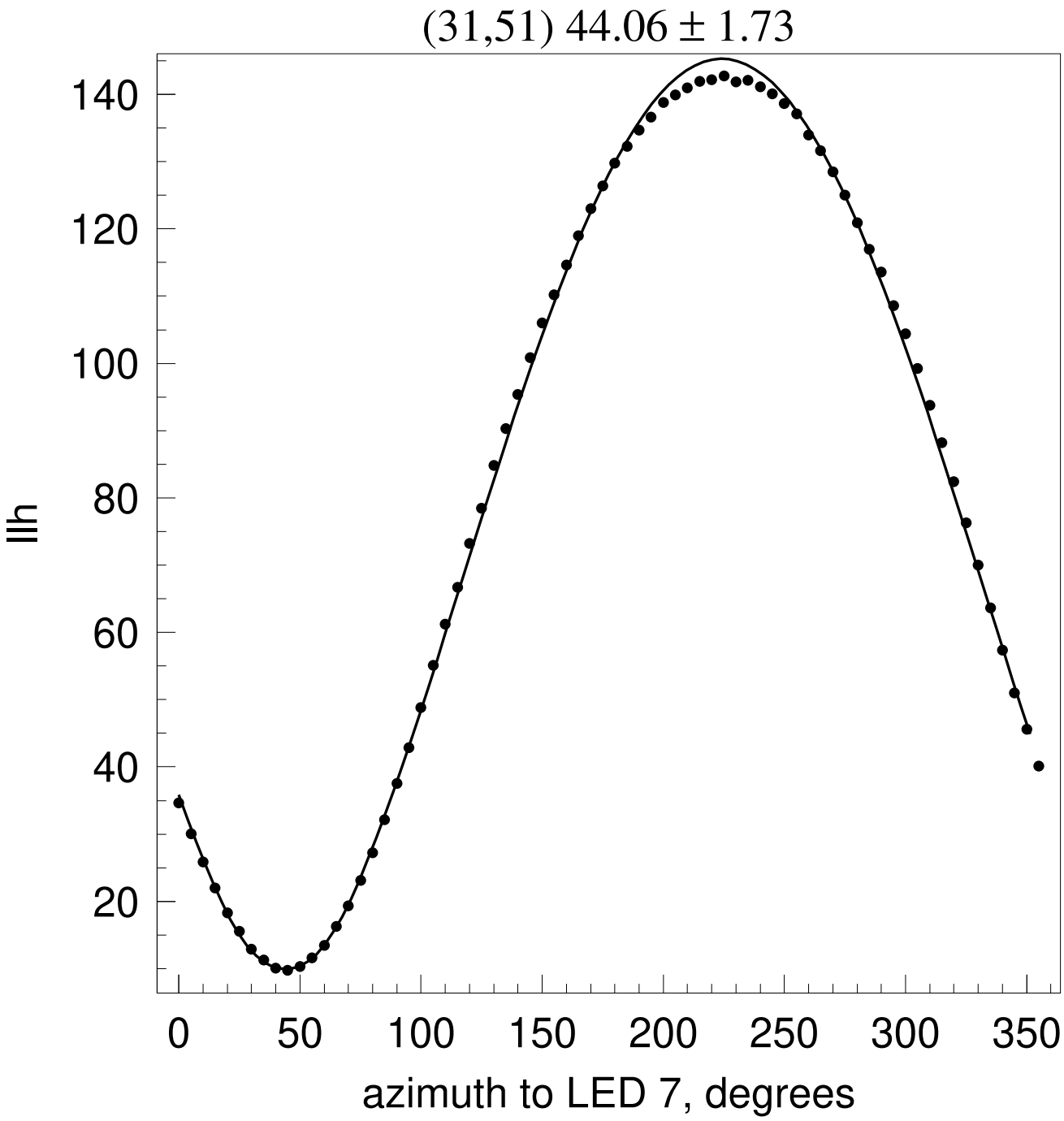

(31,46) 199.68 ± 0.10
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

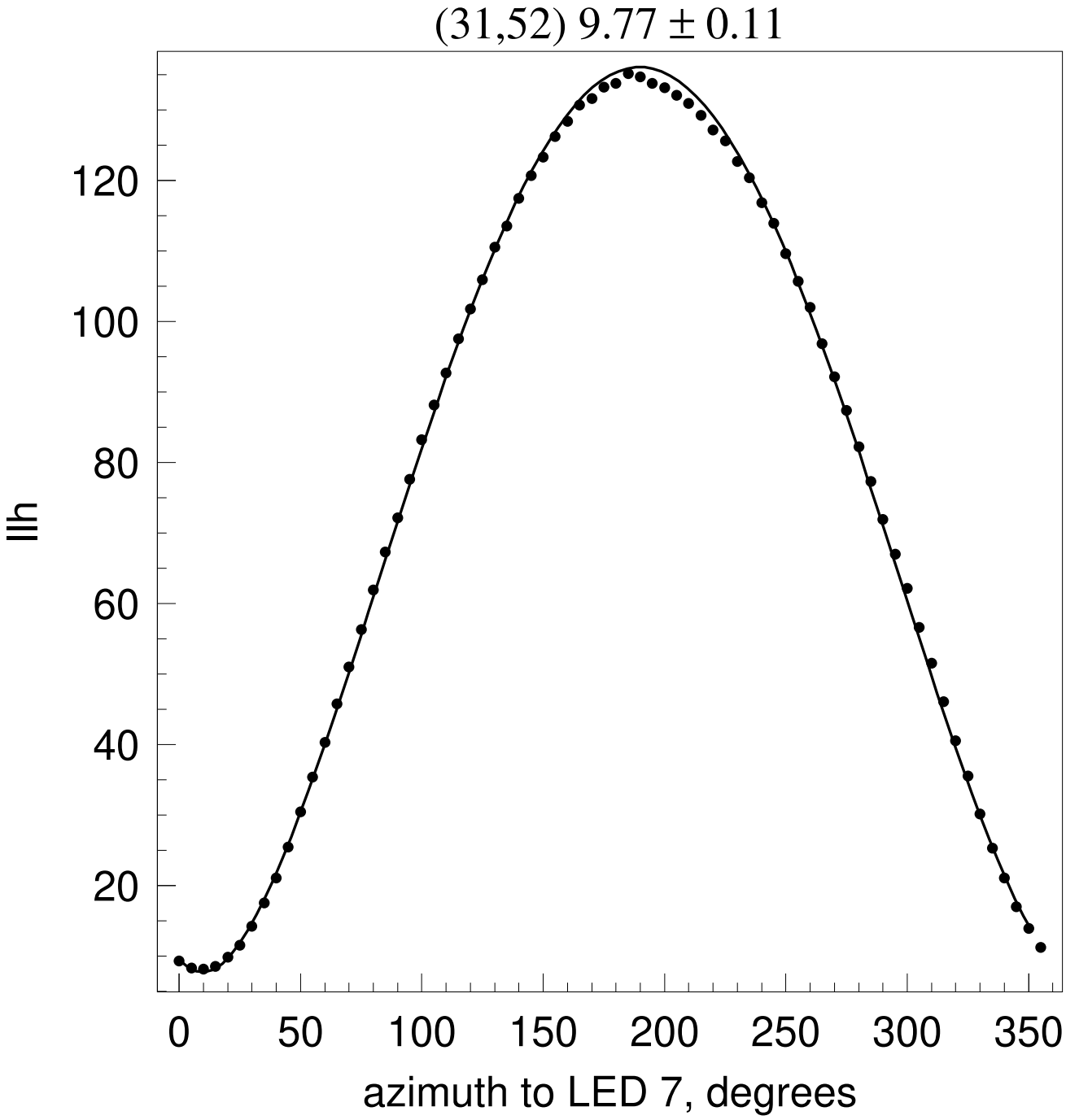

(31,47) 127.20 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

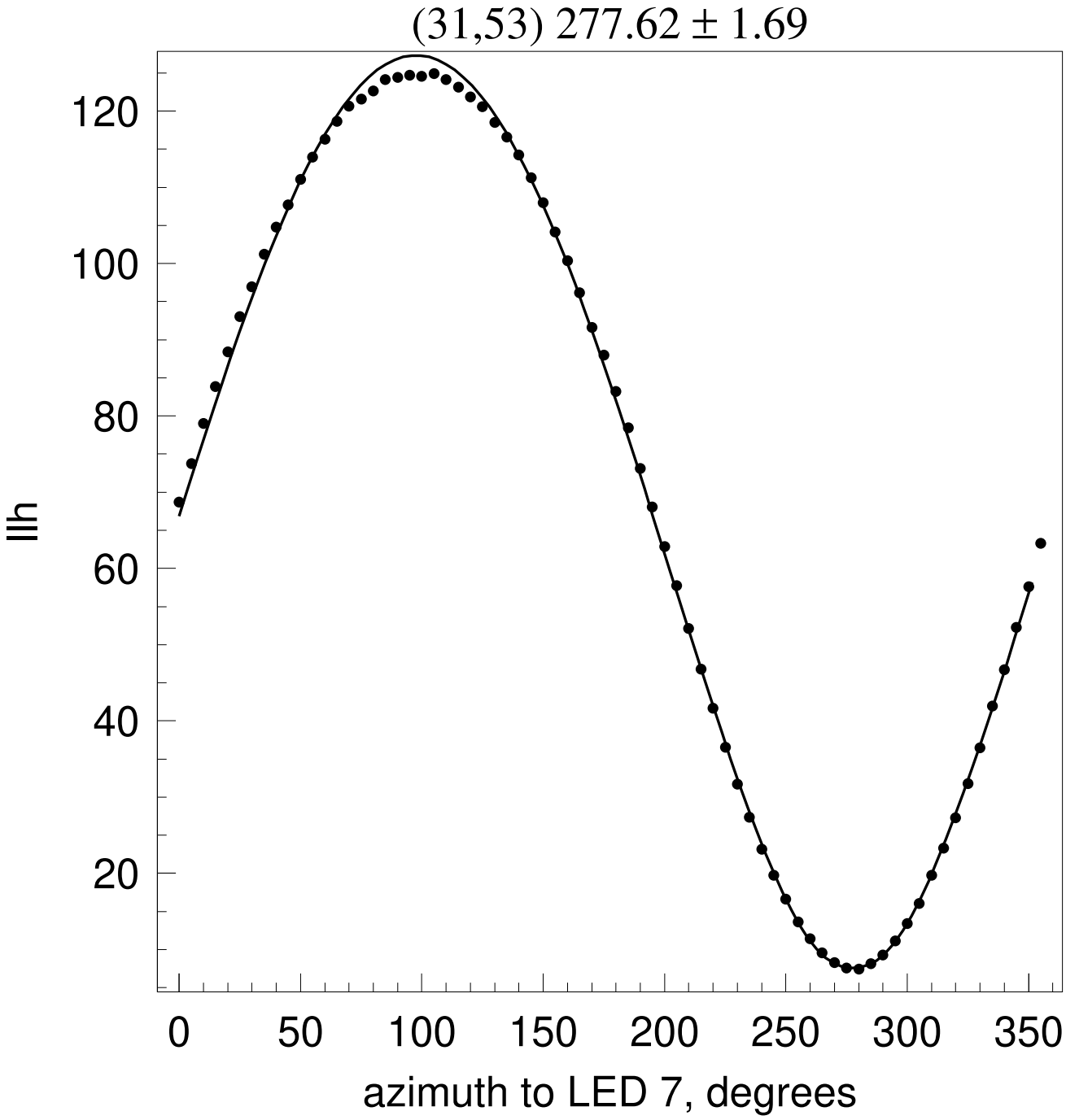

(31,48) 121.85 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

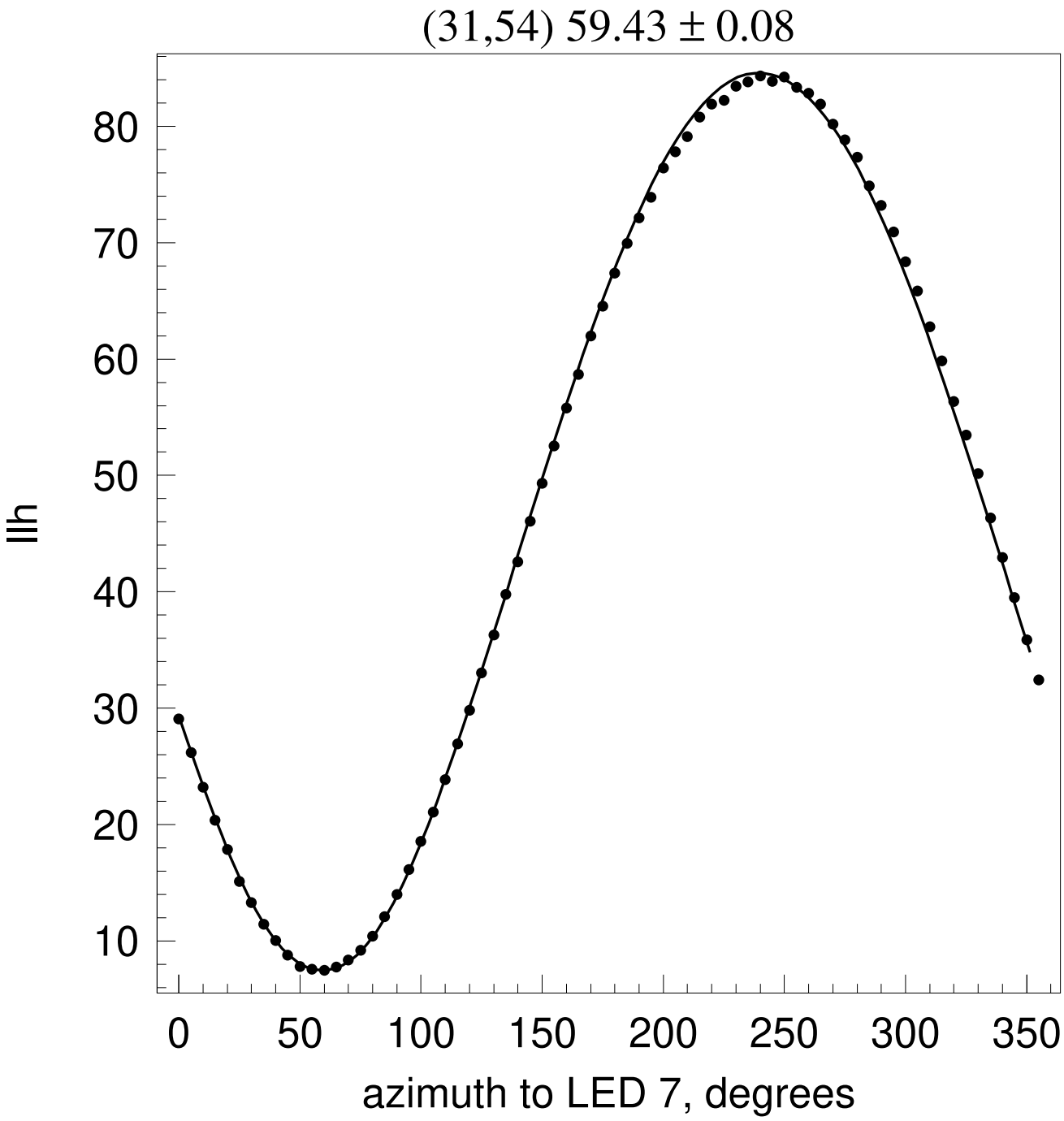

(31,49) 92.04 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

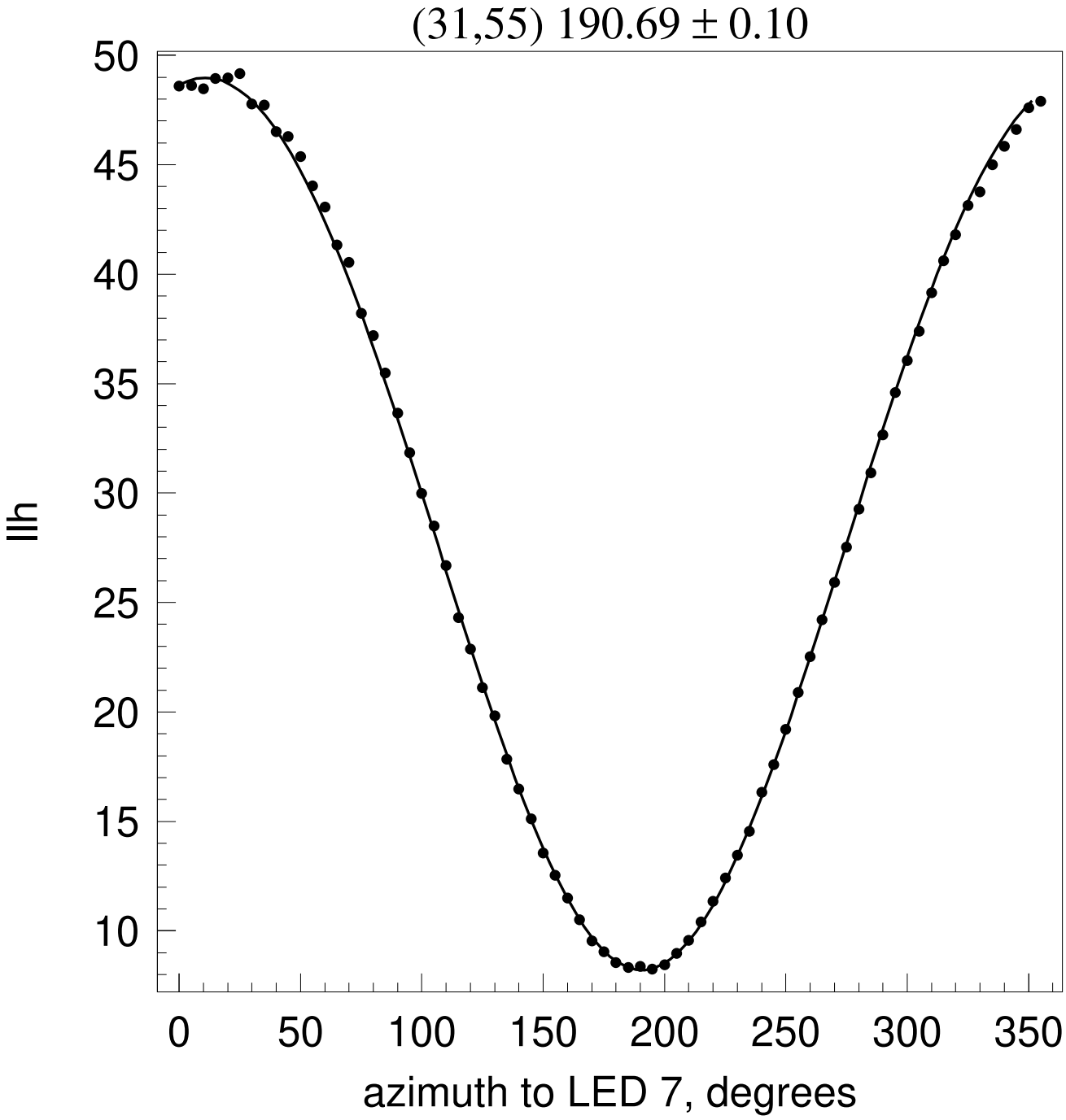

(31,50) 267.04 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

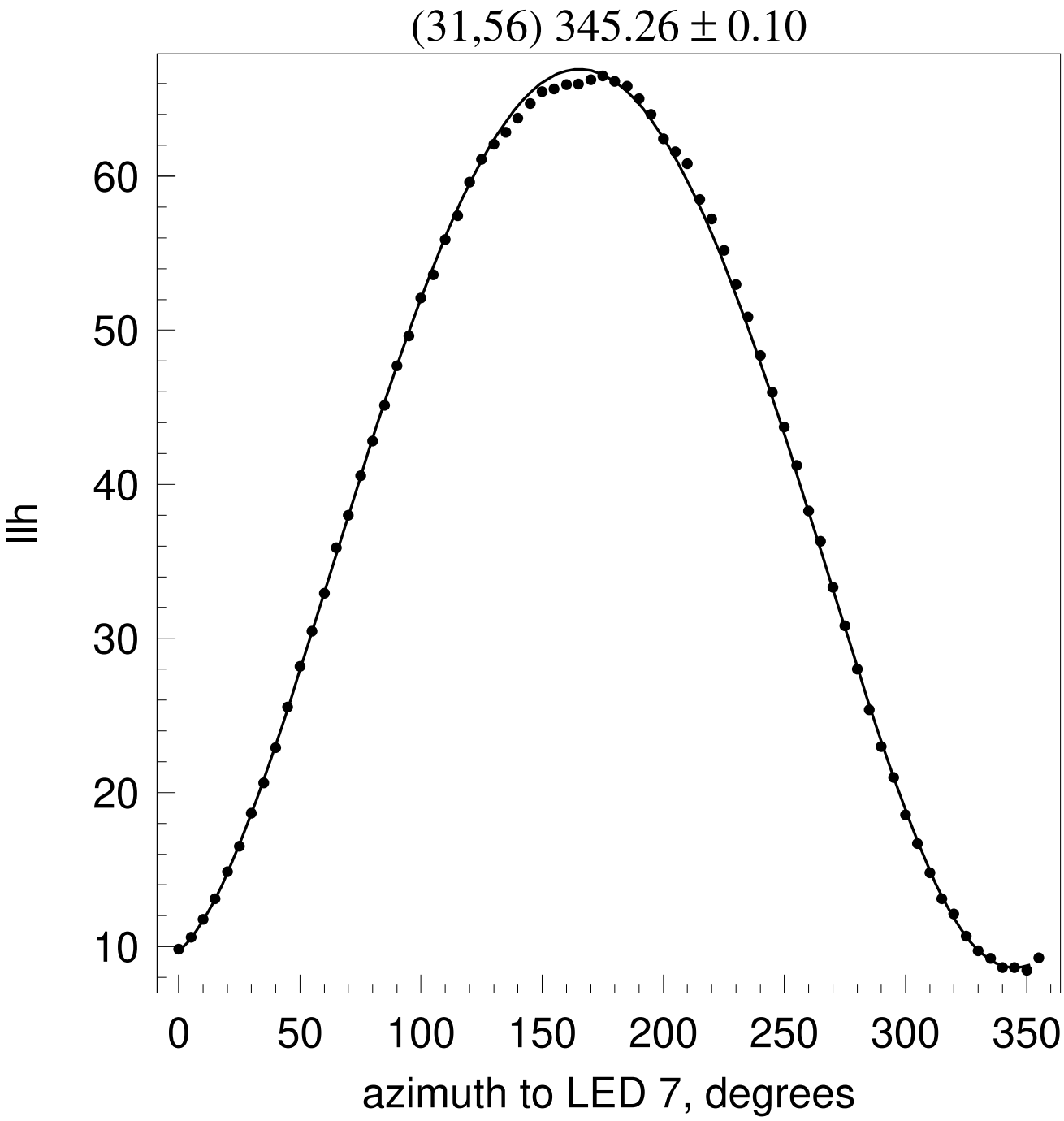

(31,51) 44.06 ± 1.73
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

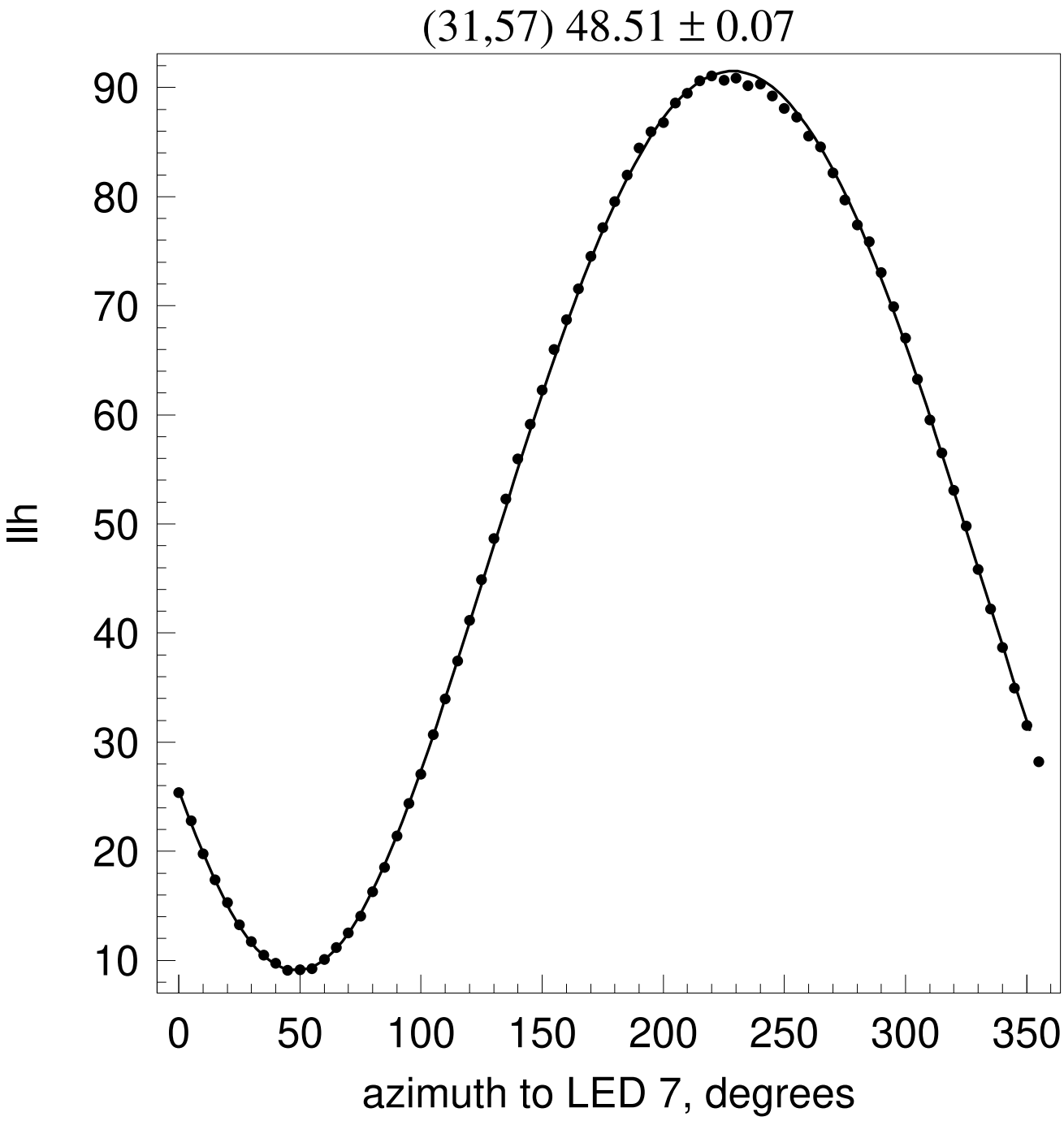

(31,52) 9.77 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

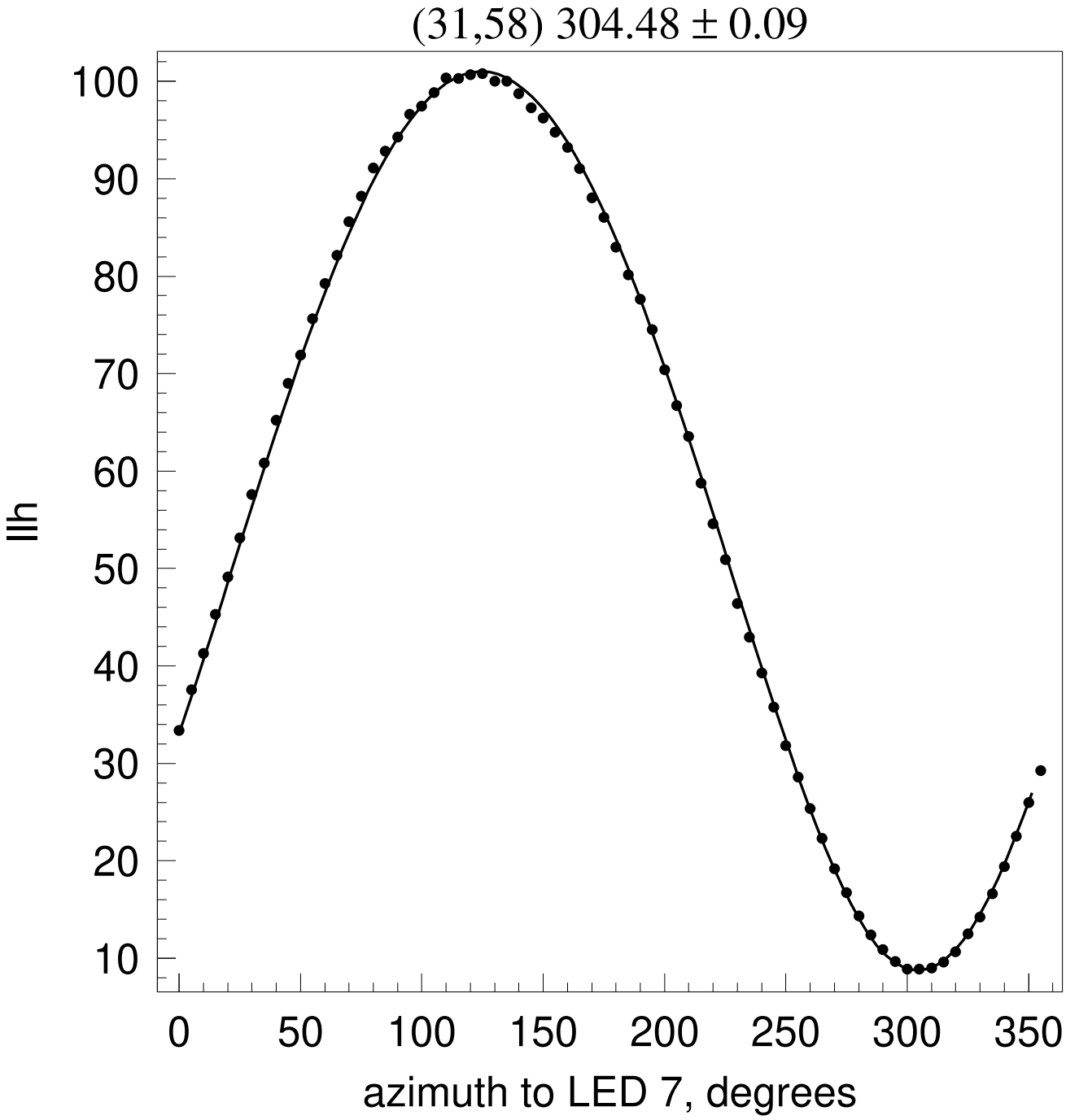

(31,53) 277.62 ± 1.69
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

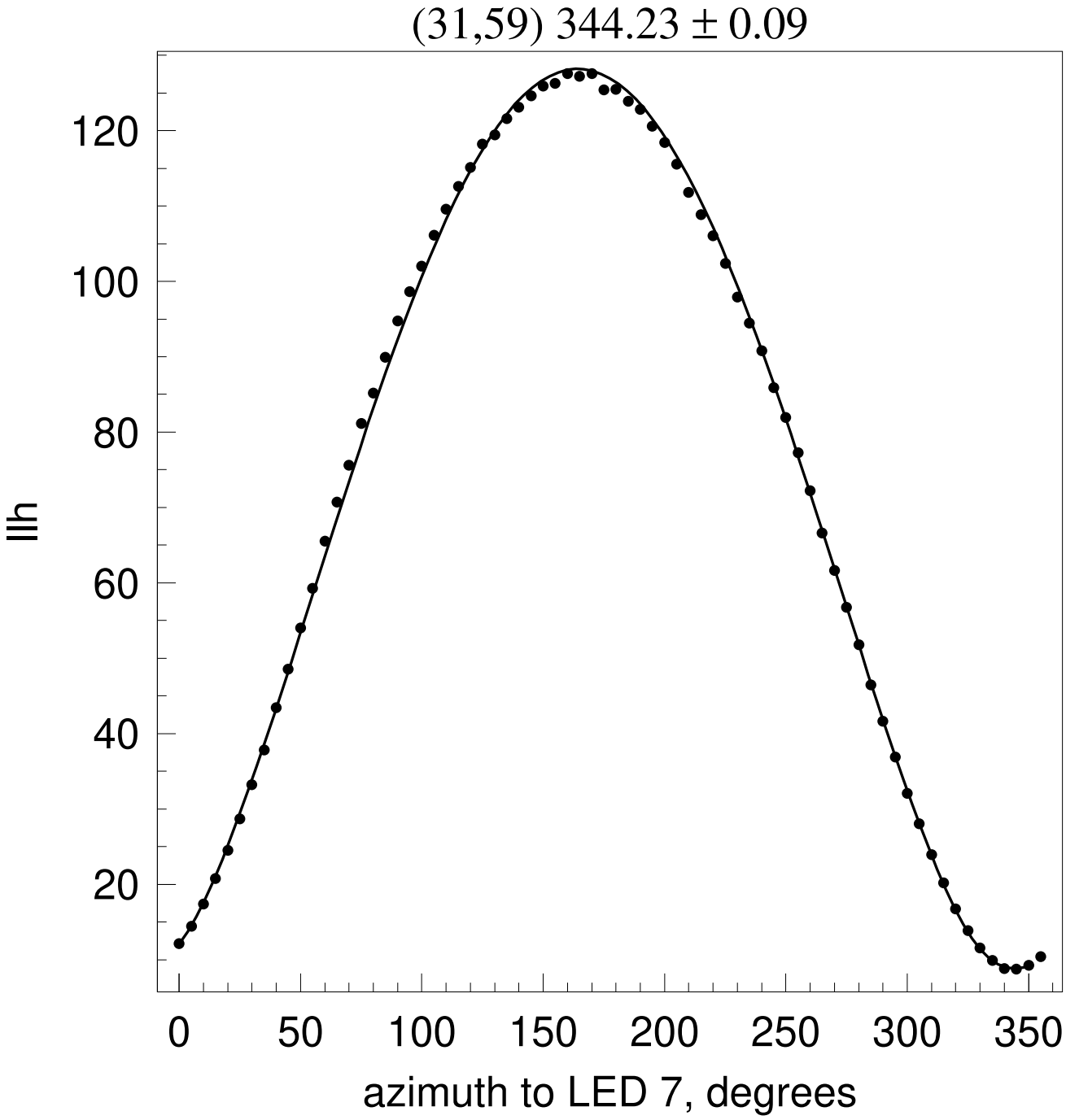

(31,54) 59.43 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

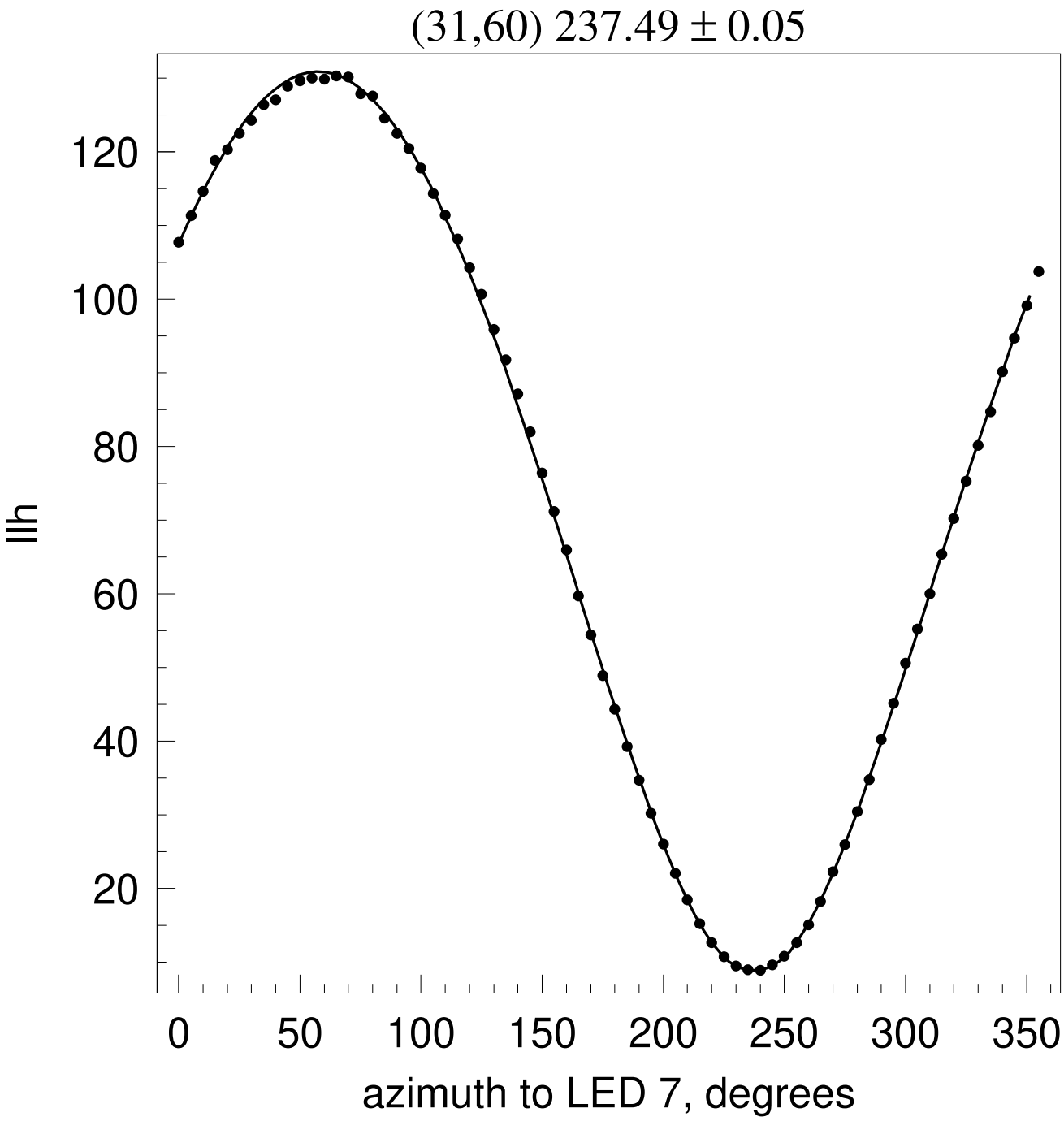

(31,55) 190.69 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

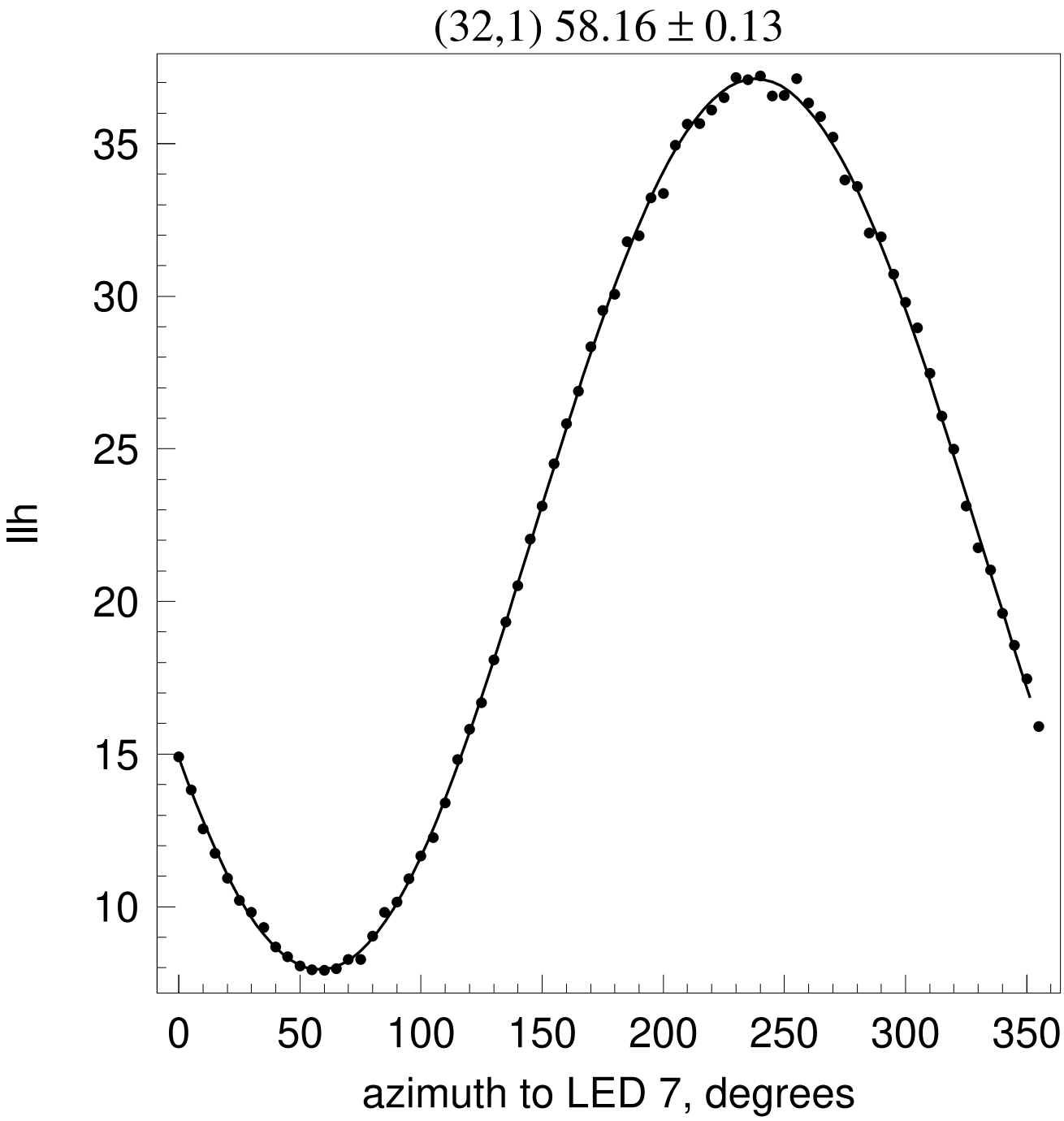

(31,56) 345.26 ± 0.10
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

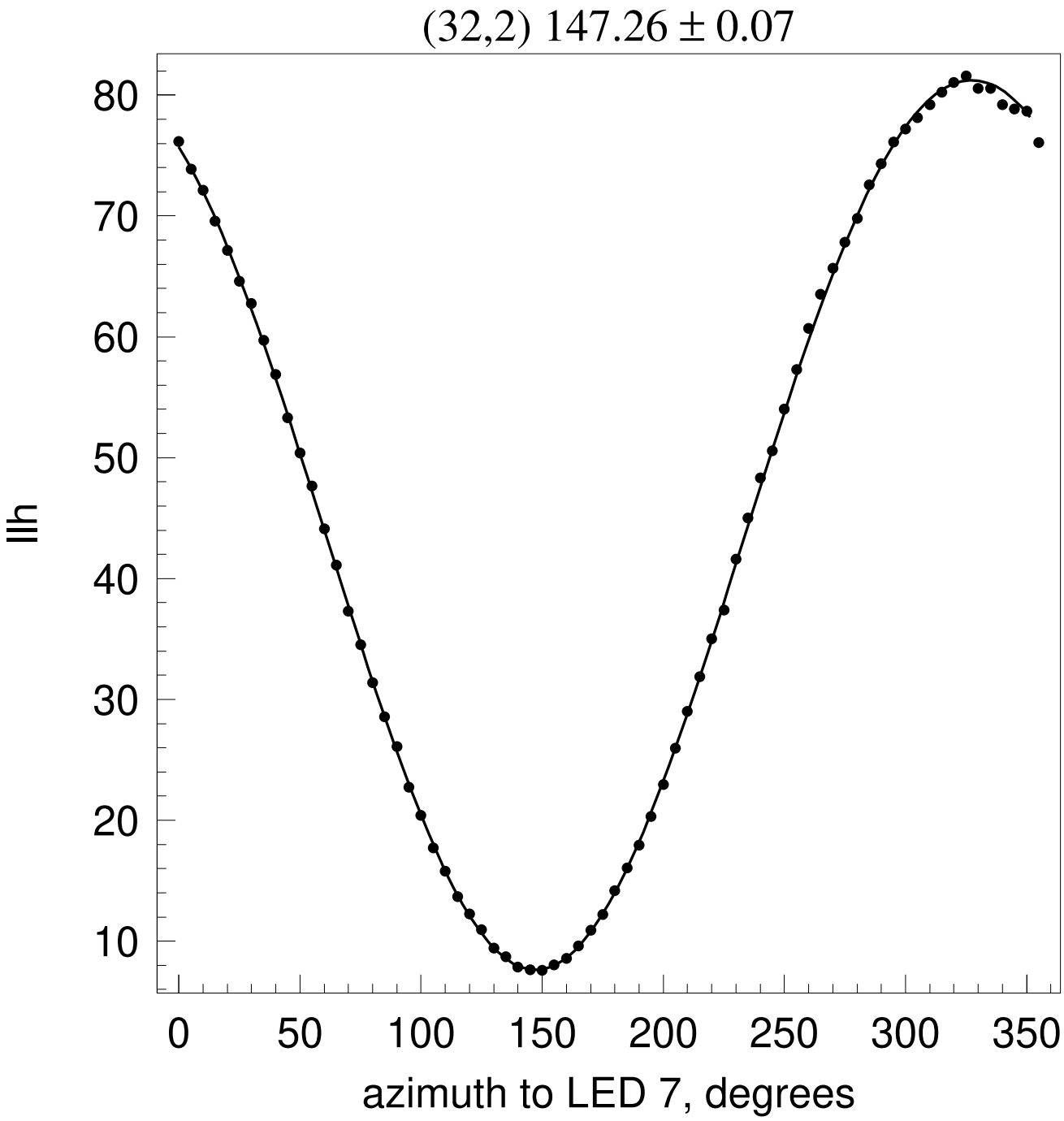

(31,57) 48.51 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

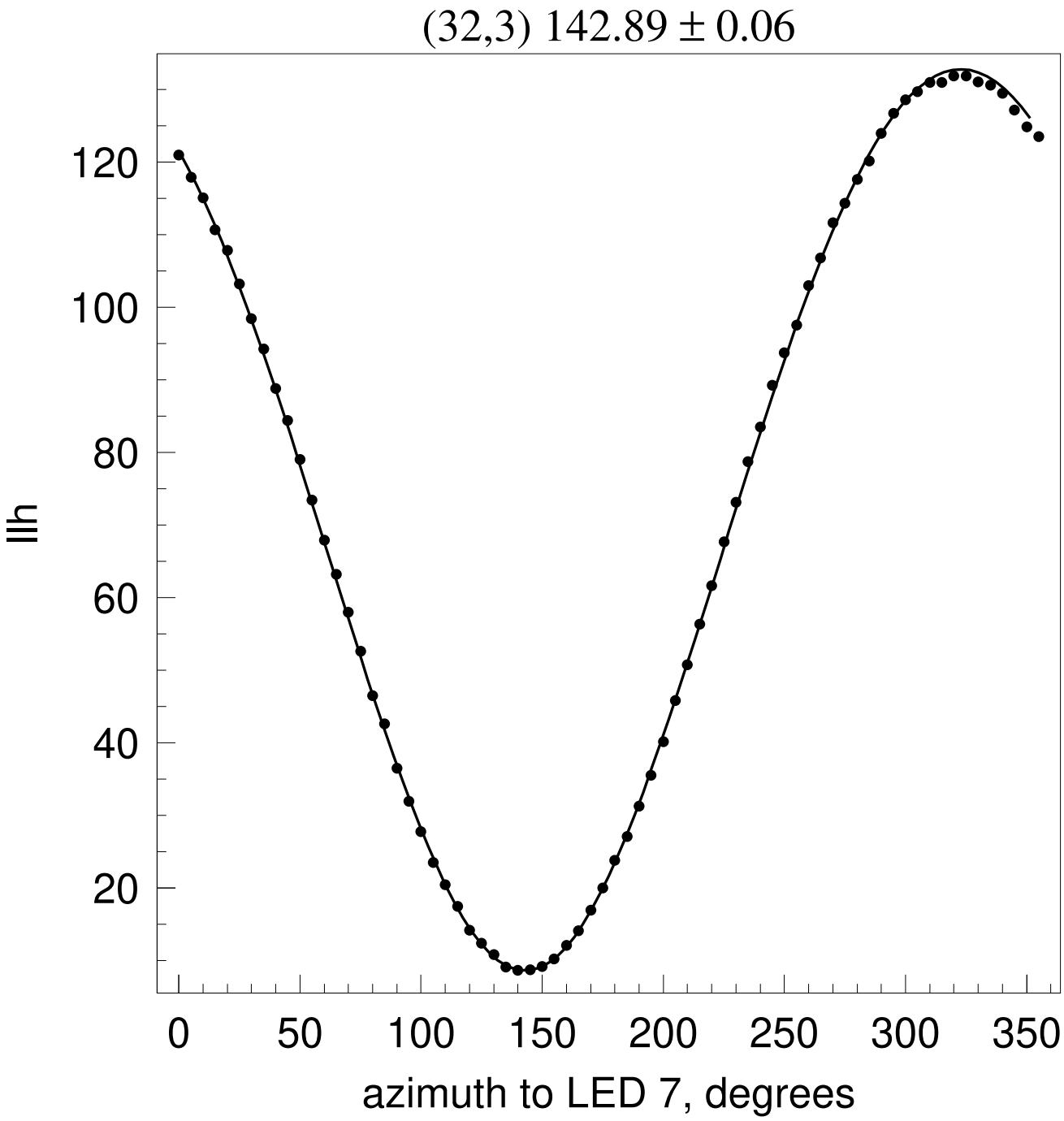

(31,58) 304.48 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

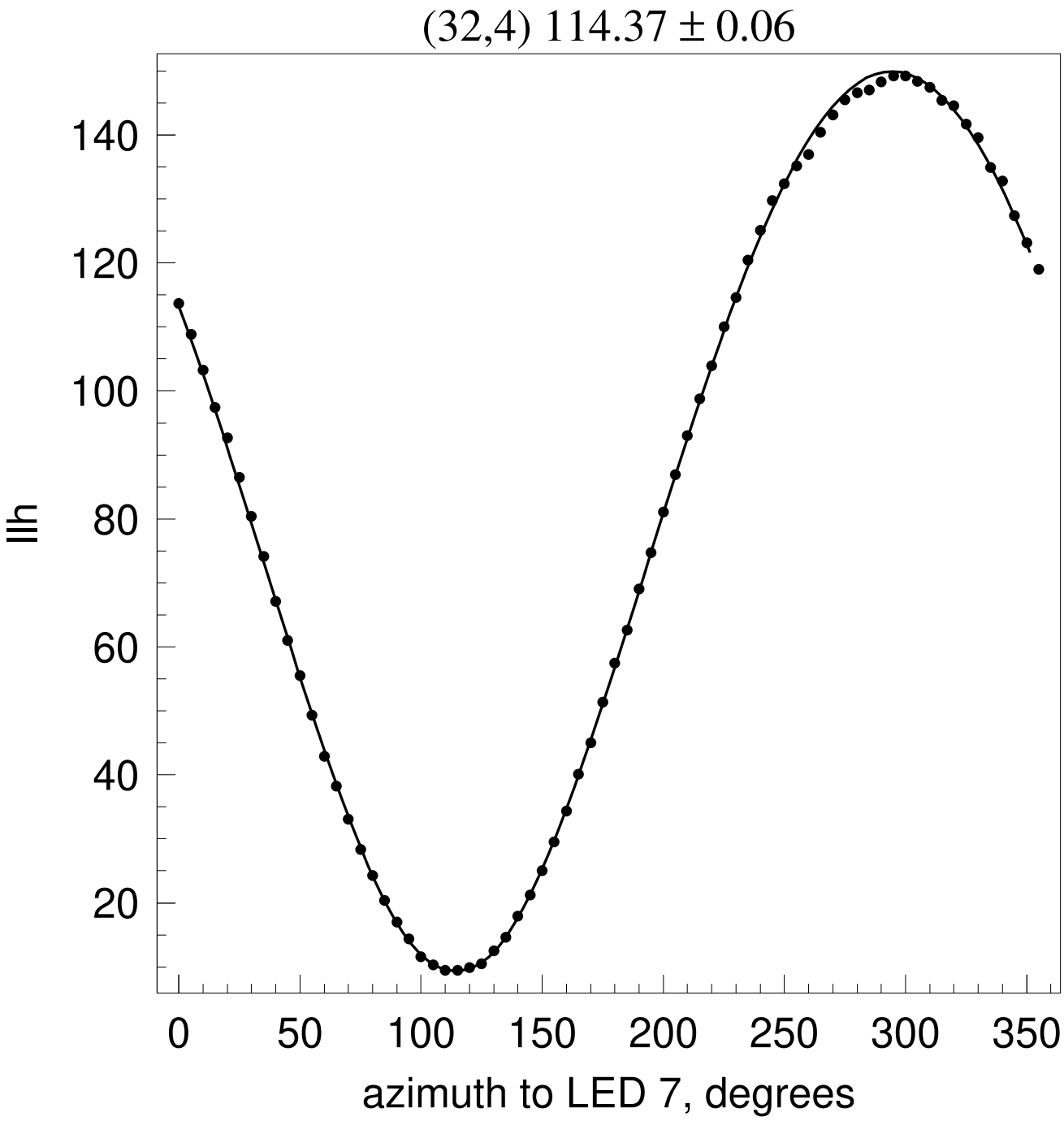

(31,59) 344.23 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

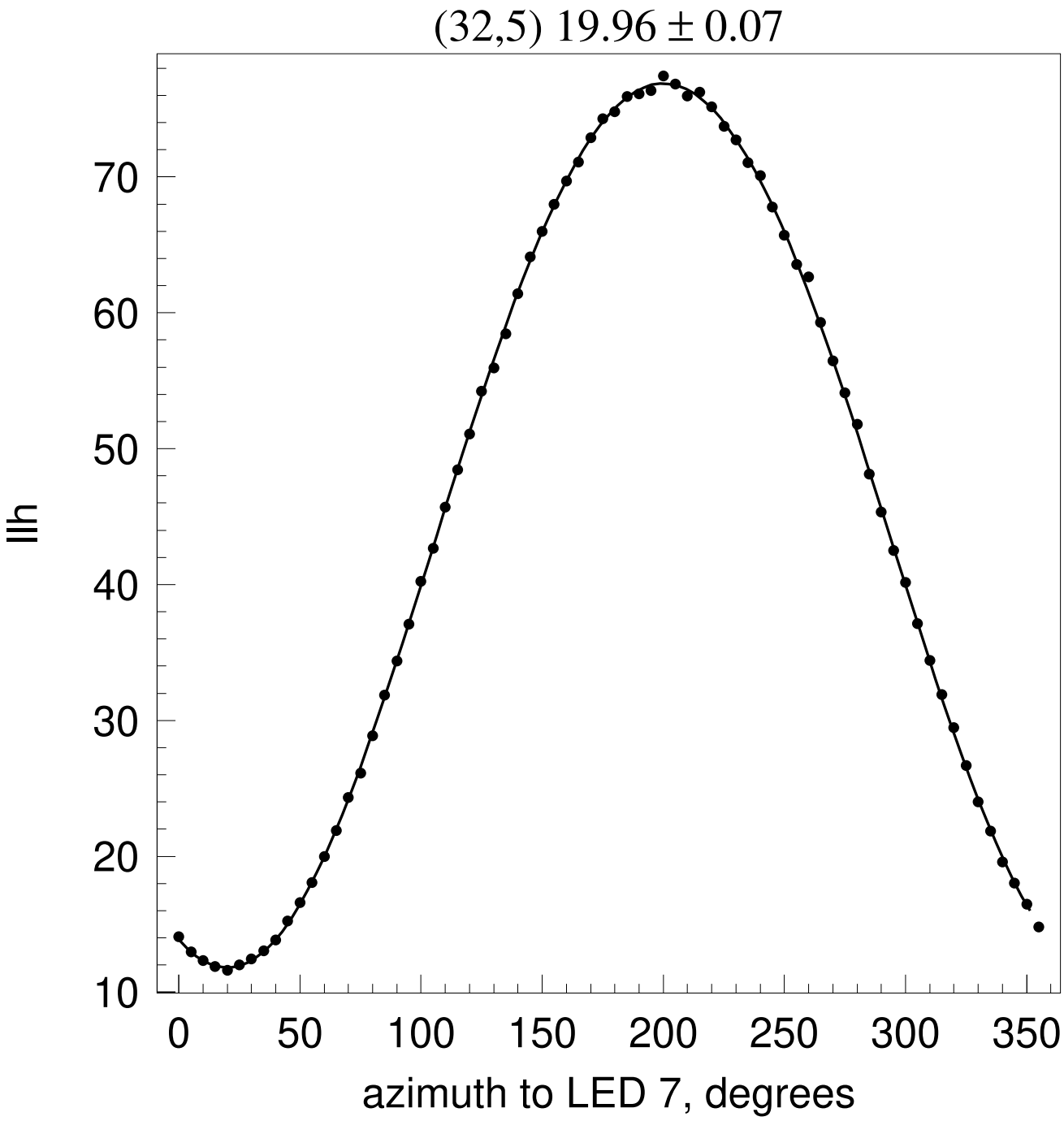

(31,60) 237.49 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

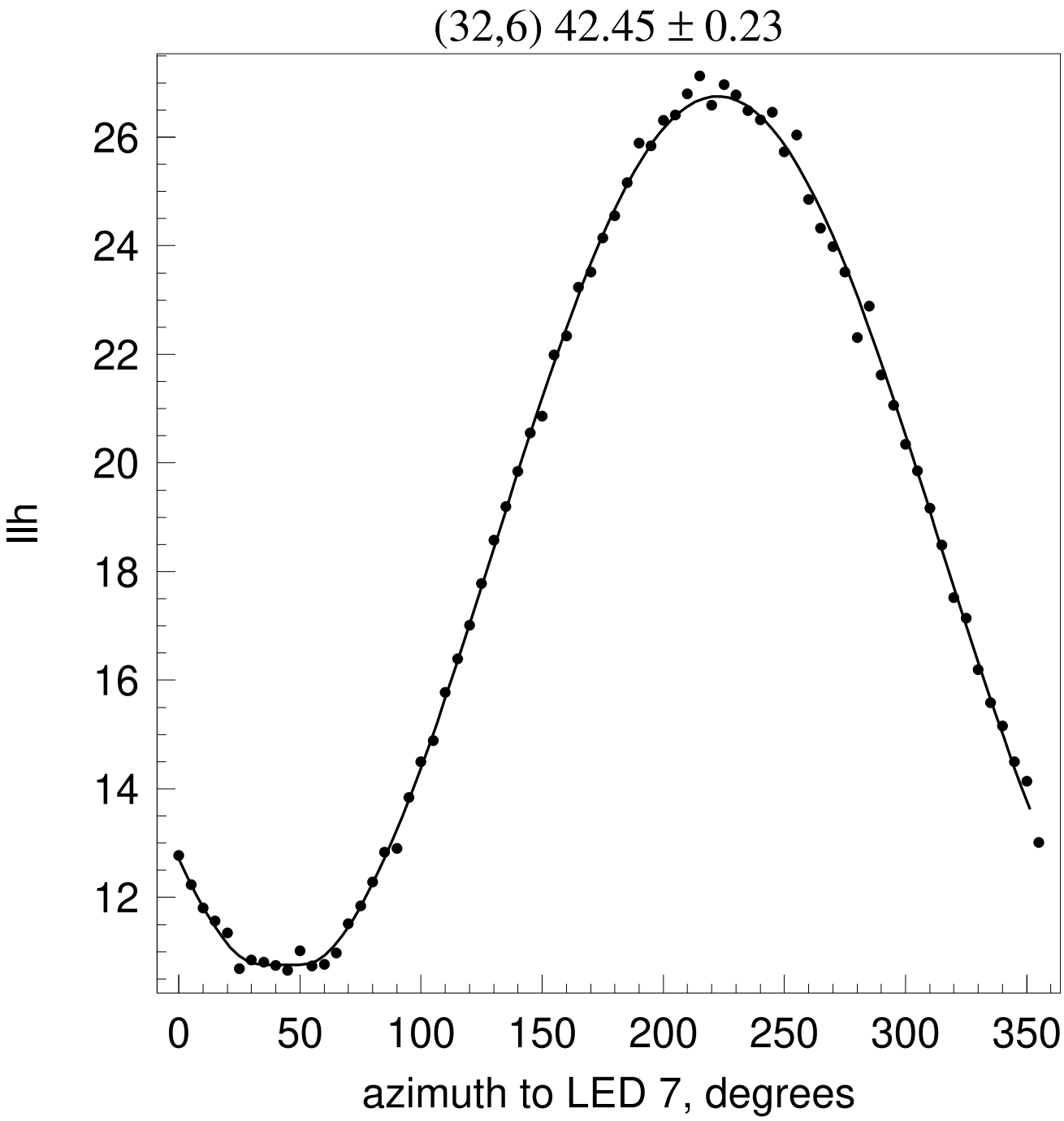

(32,1) 58.16 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

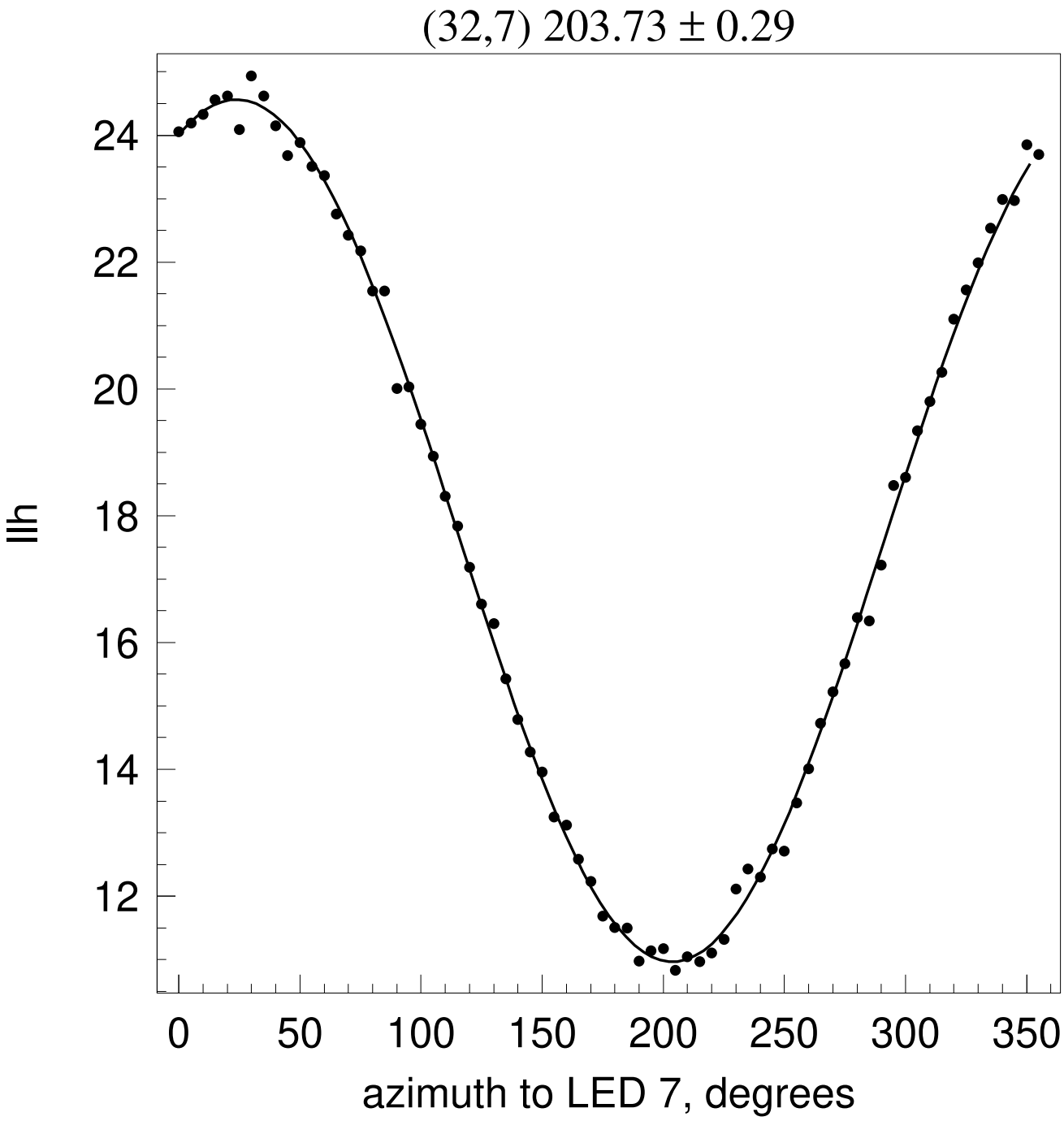

(32,2) 147.26 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

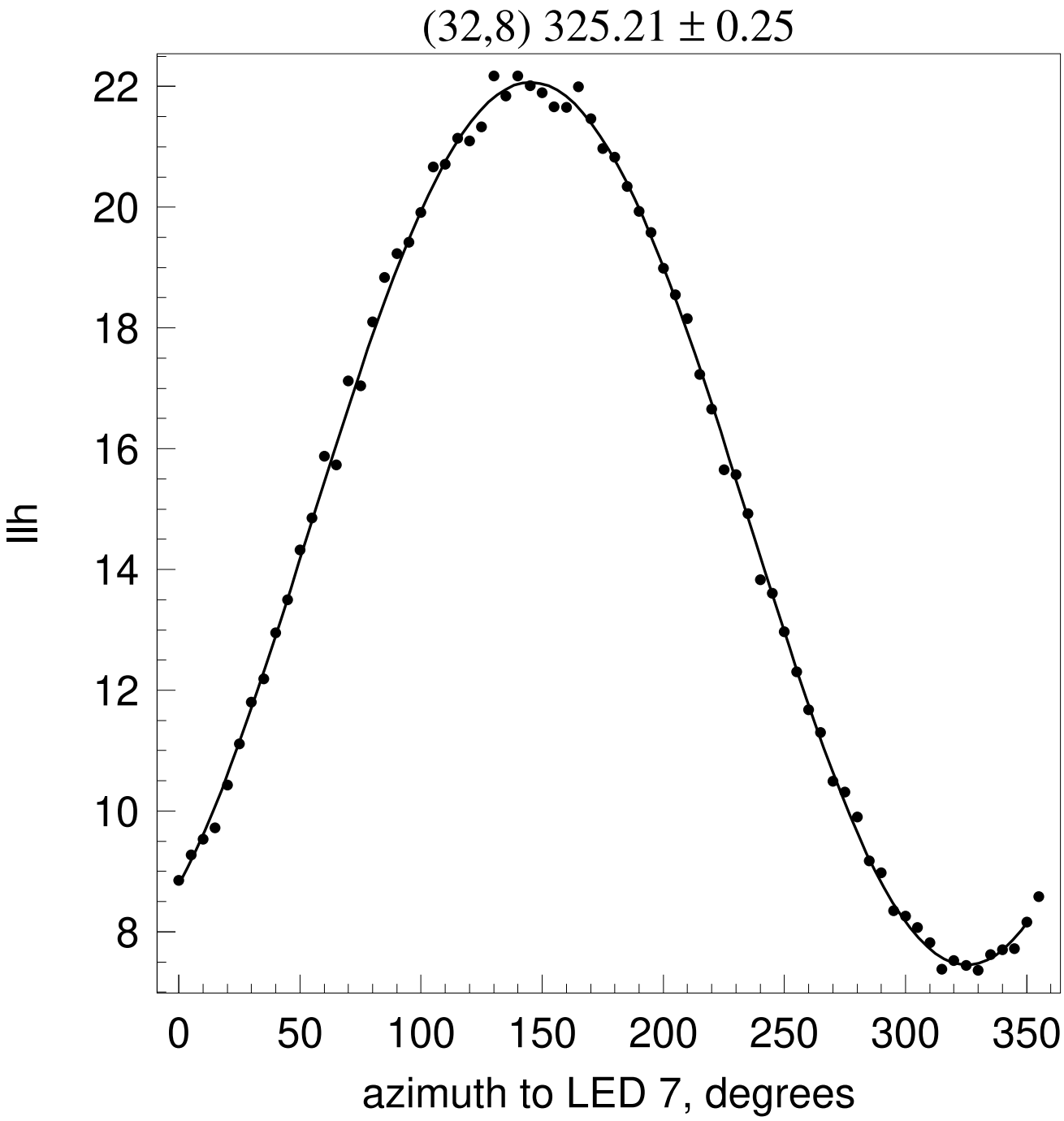

(32,3) 142.89 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

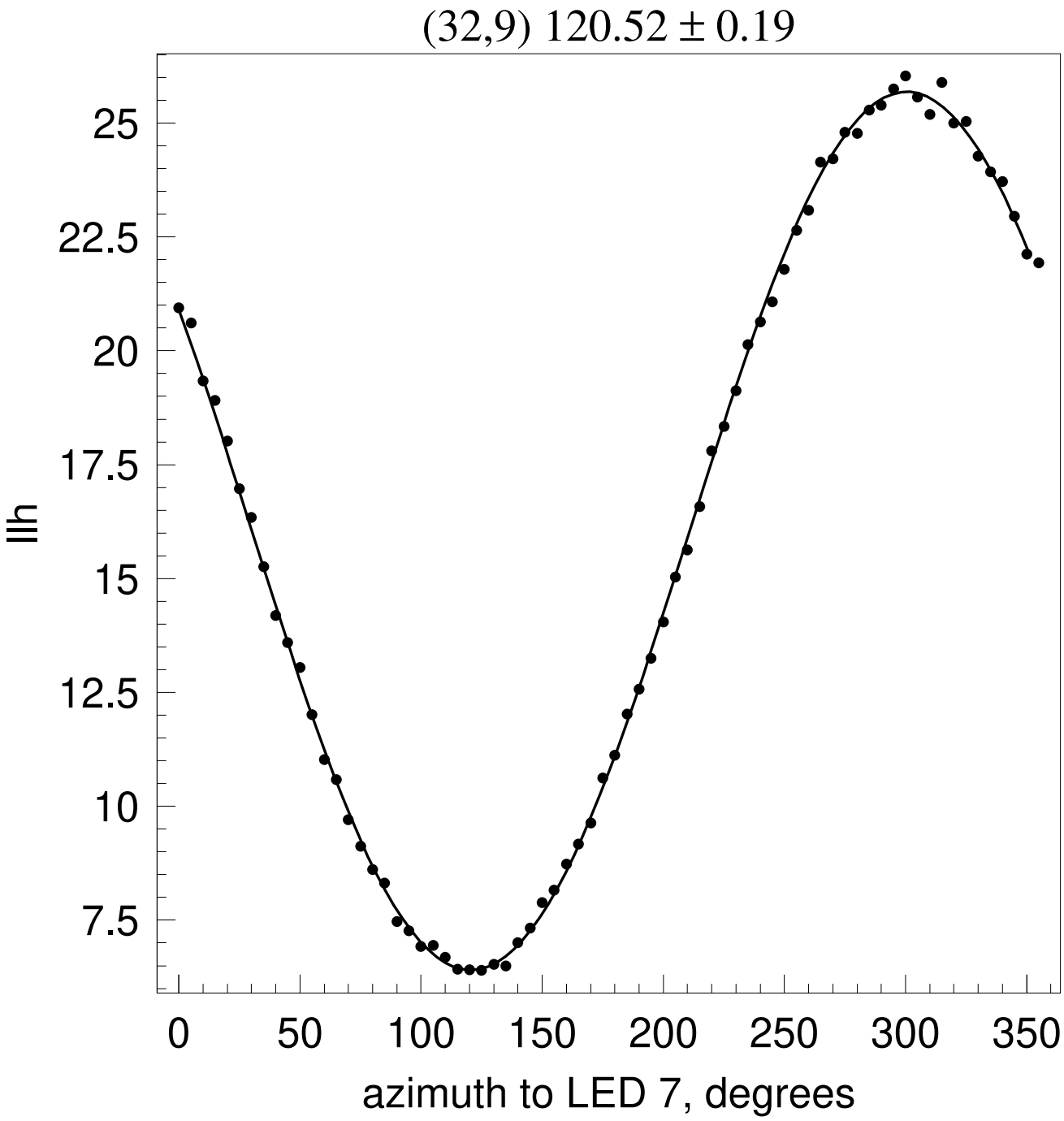

(32,4) 114.37 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

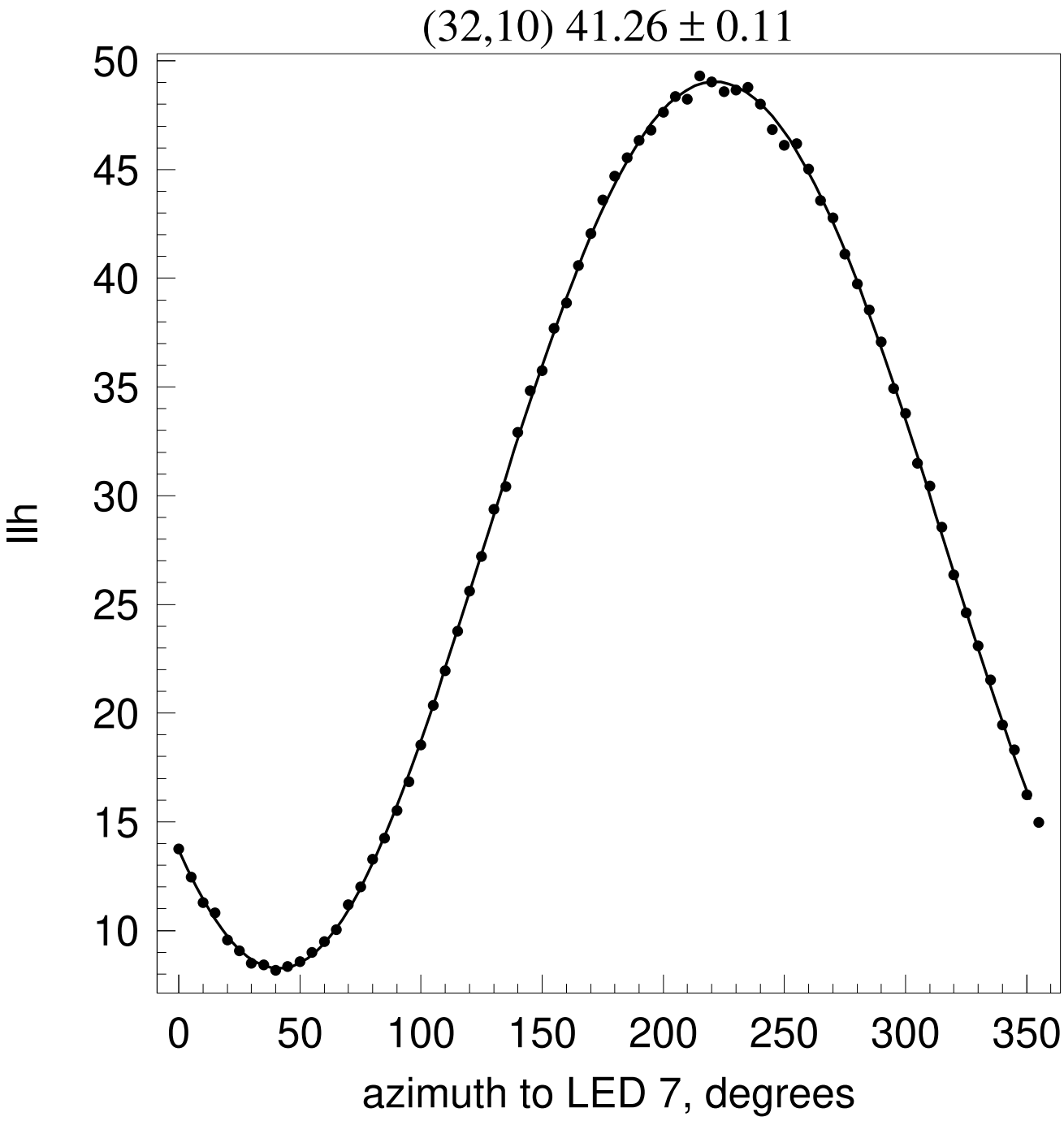

(32,5) 19.96 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

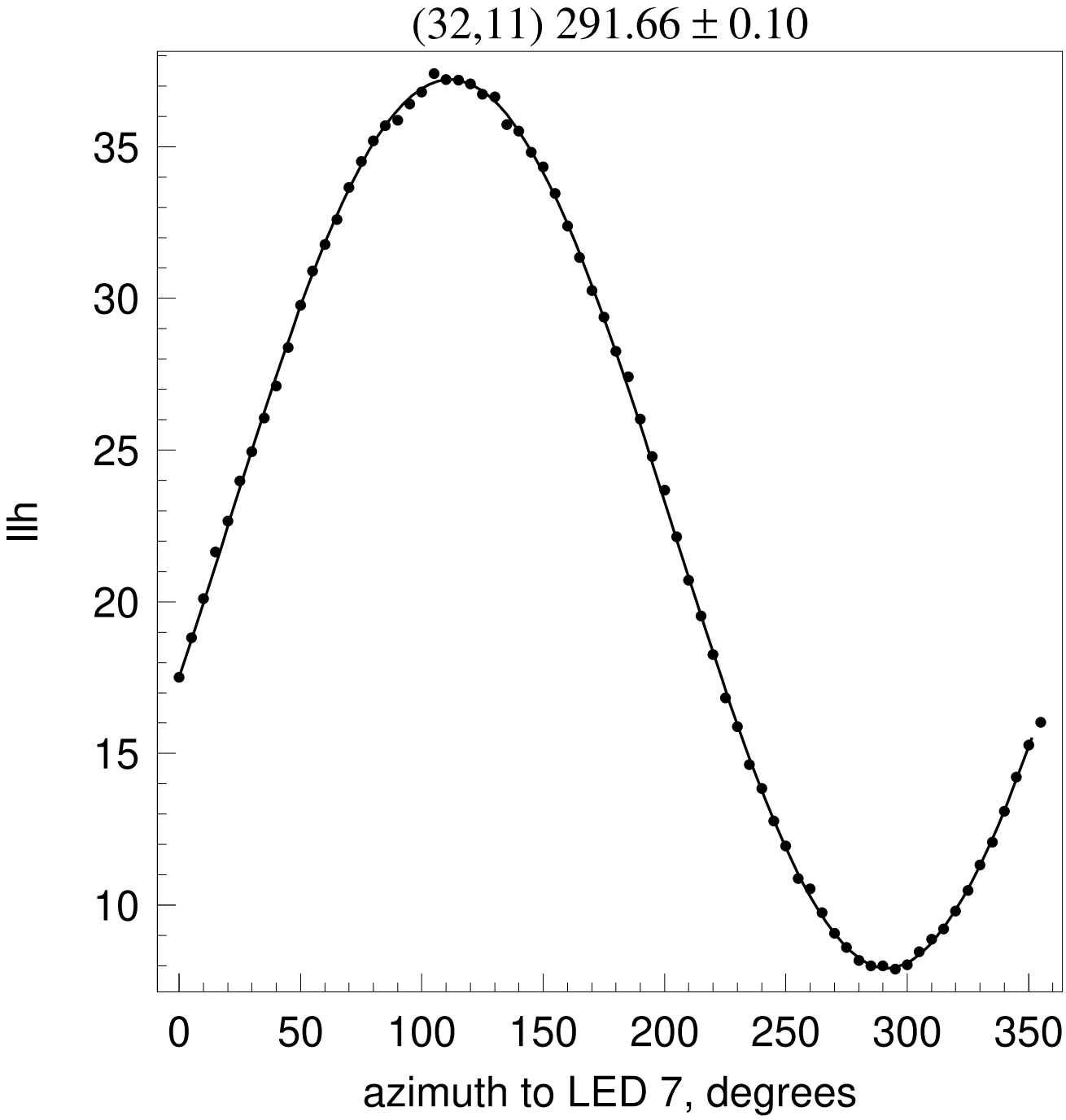

(32,6) 42.45 ± 0.23
26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

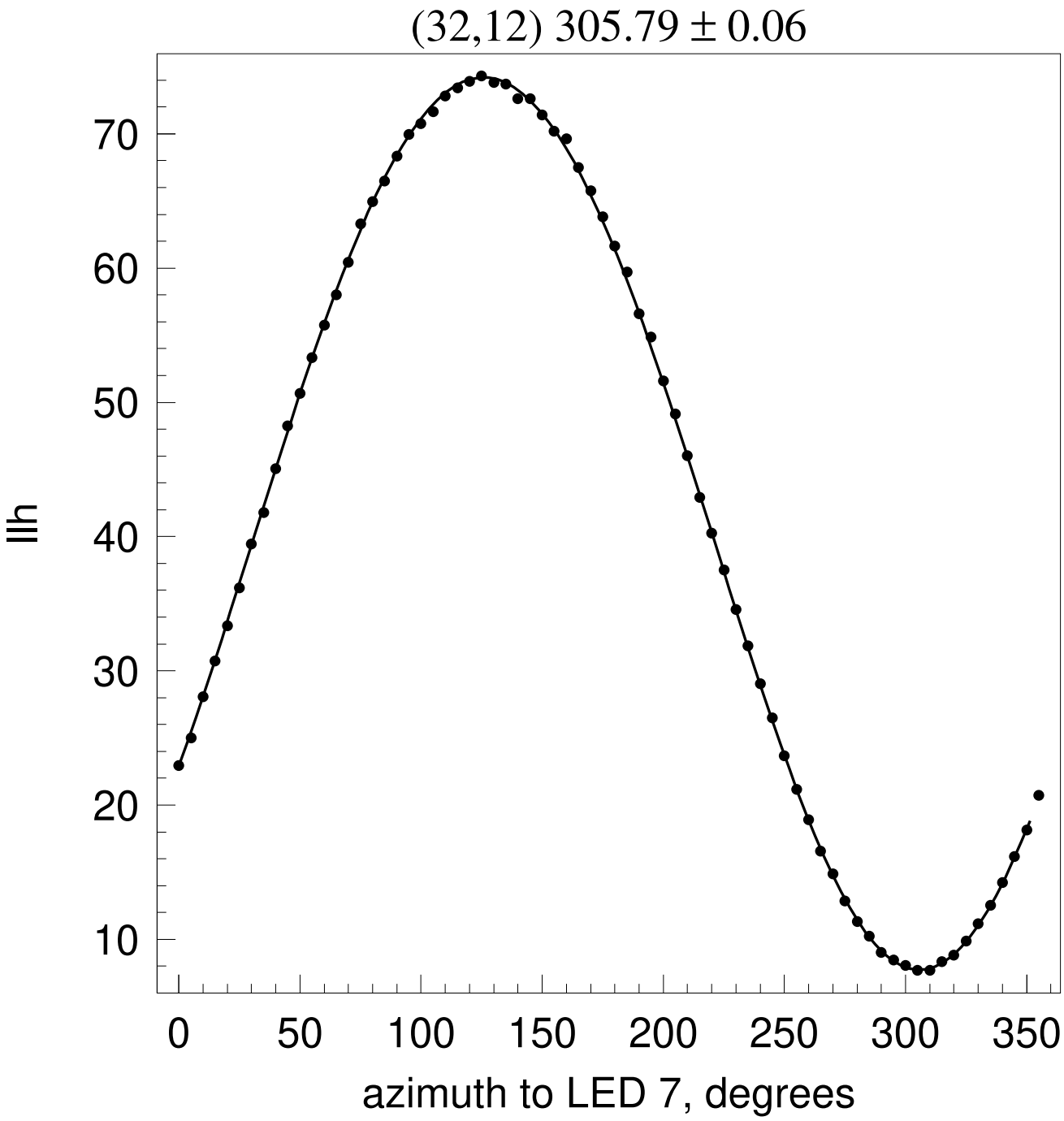

(32,7) 203.73 ± 0.29
24
22
20
18
16
14
12
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

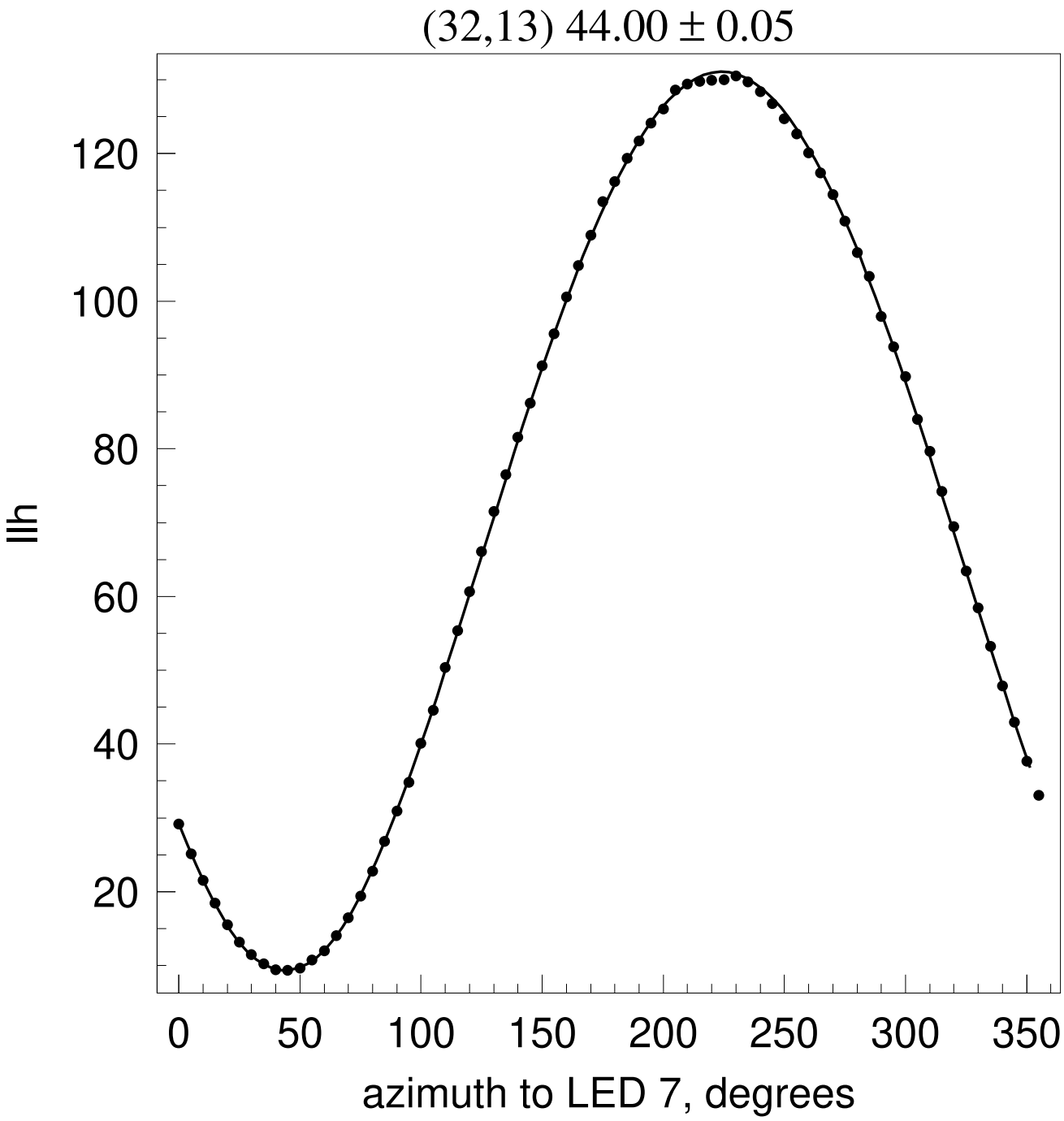

(32,8) 325.21 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

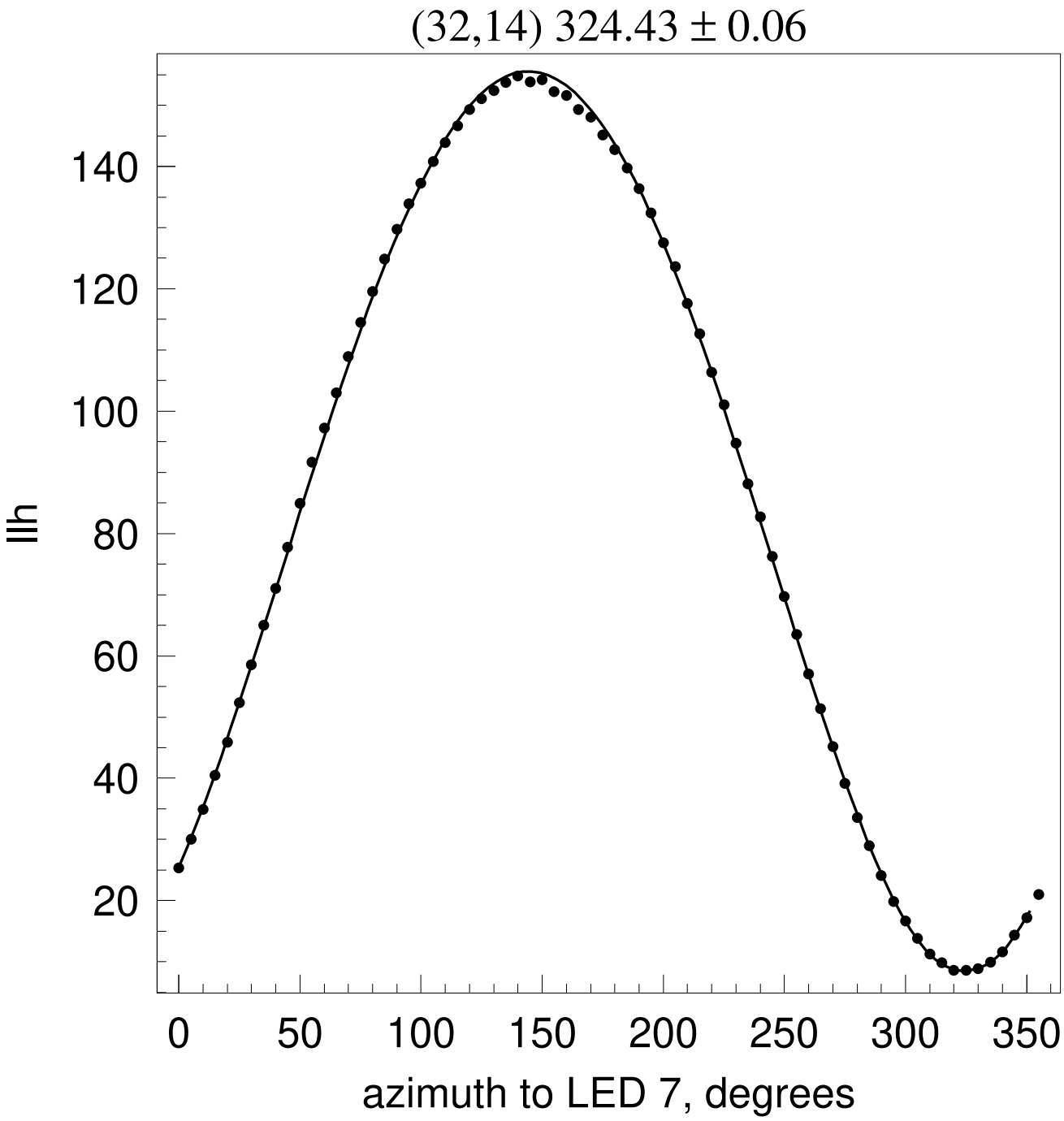

(32,9) 120.52 ± 0.19
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

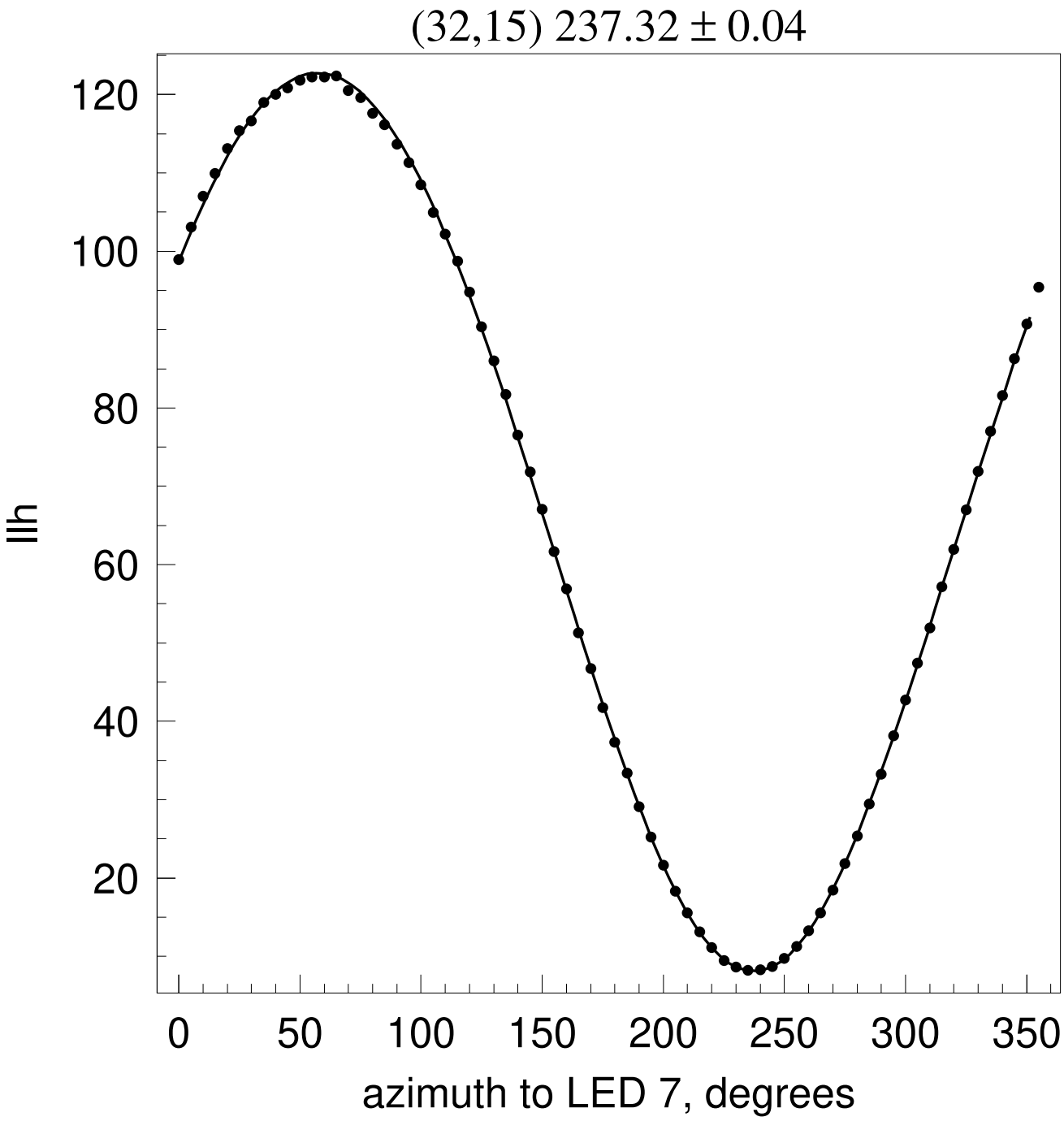

(32,10) 41.26 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

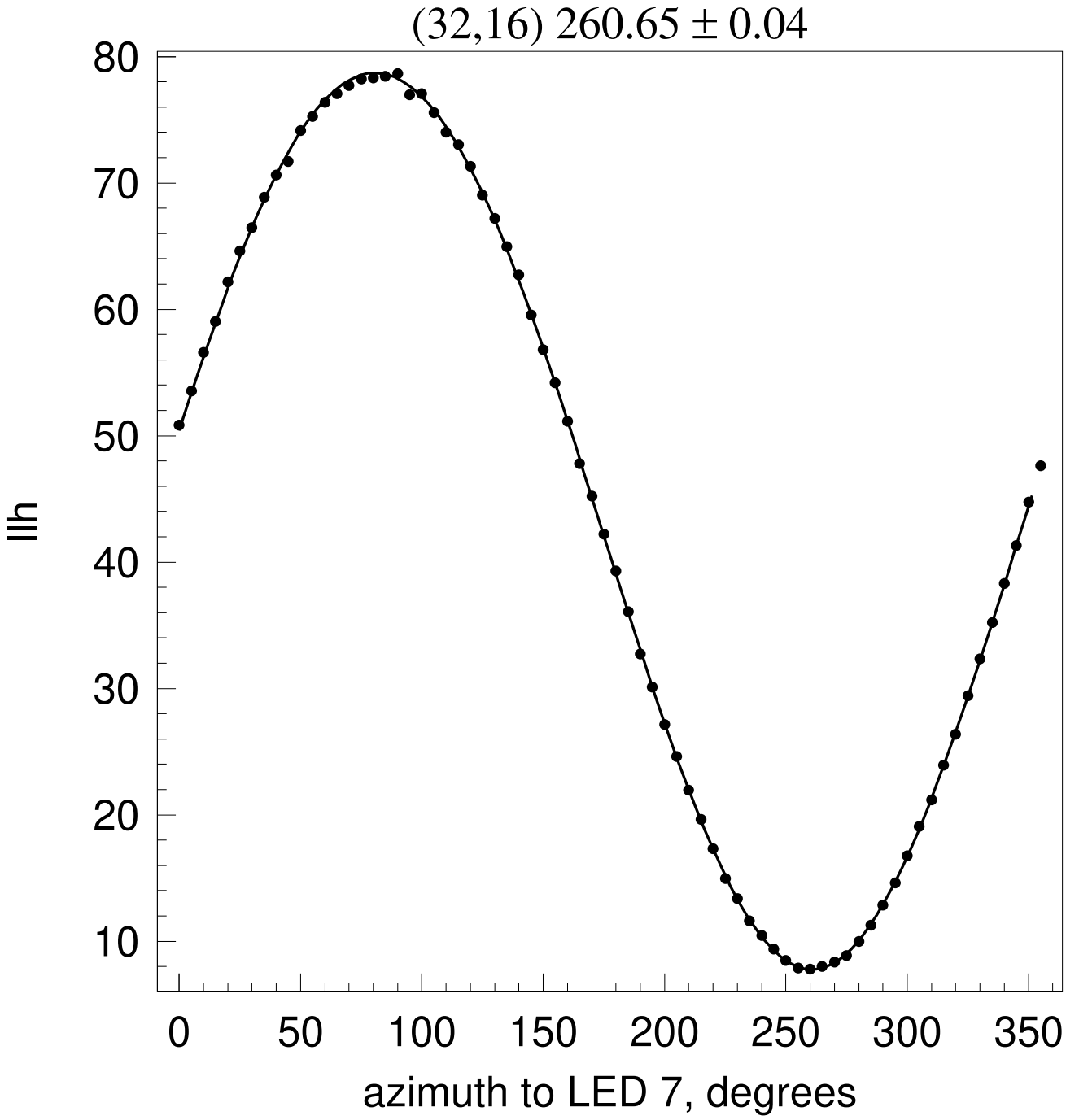

(32,11) 291.66 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

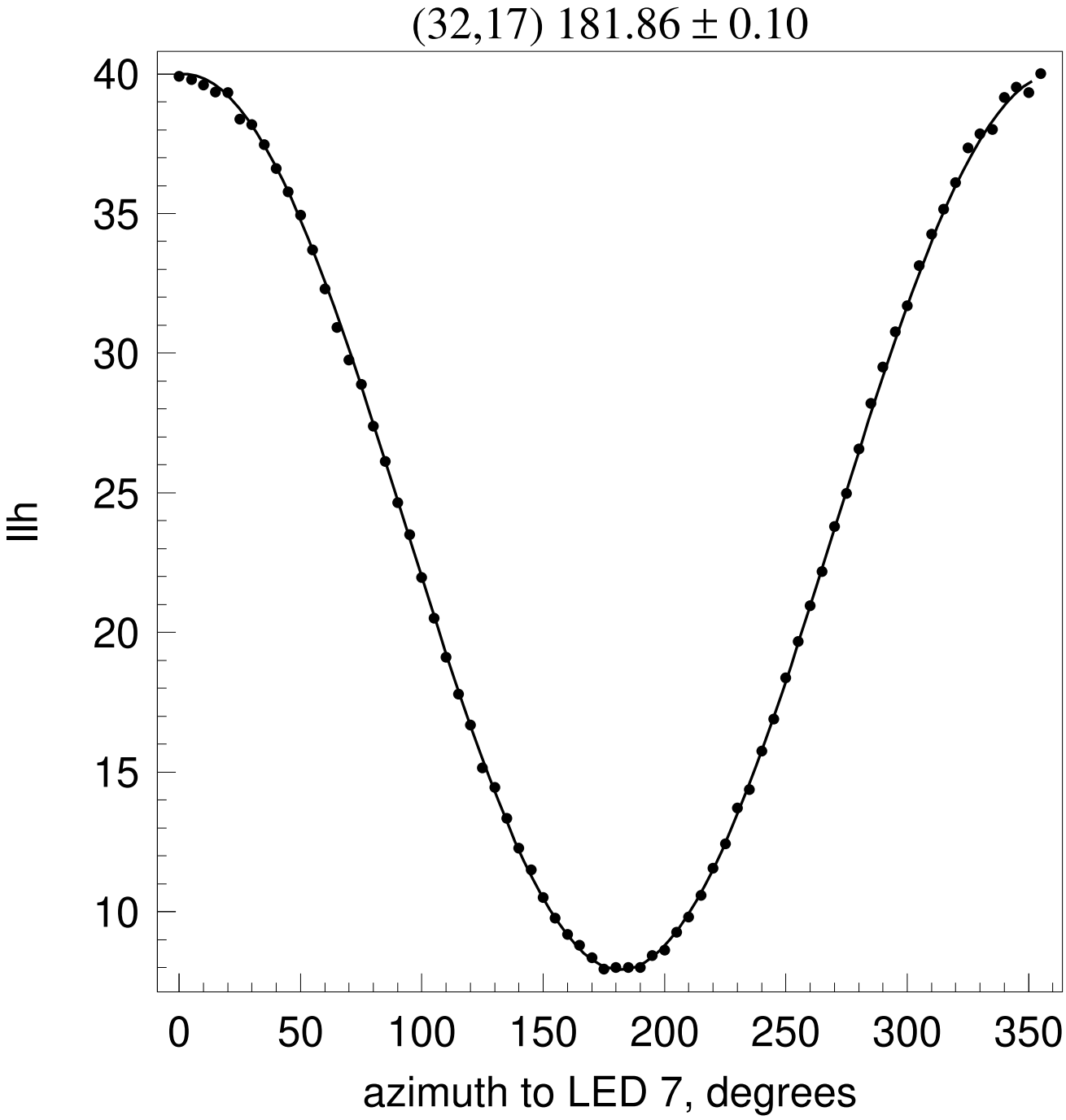

(32,12) 305.79 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

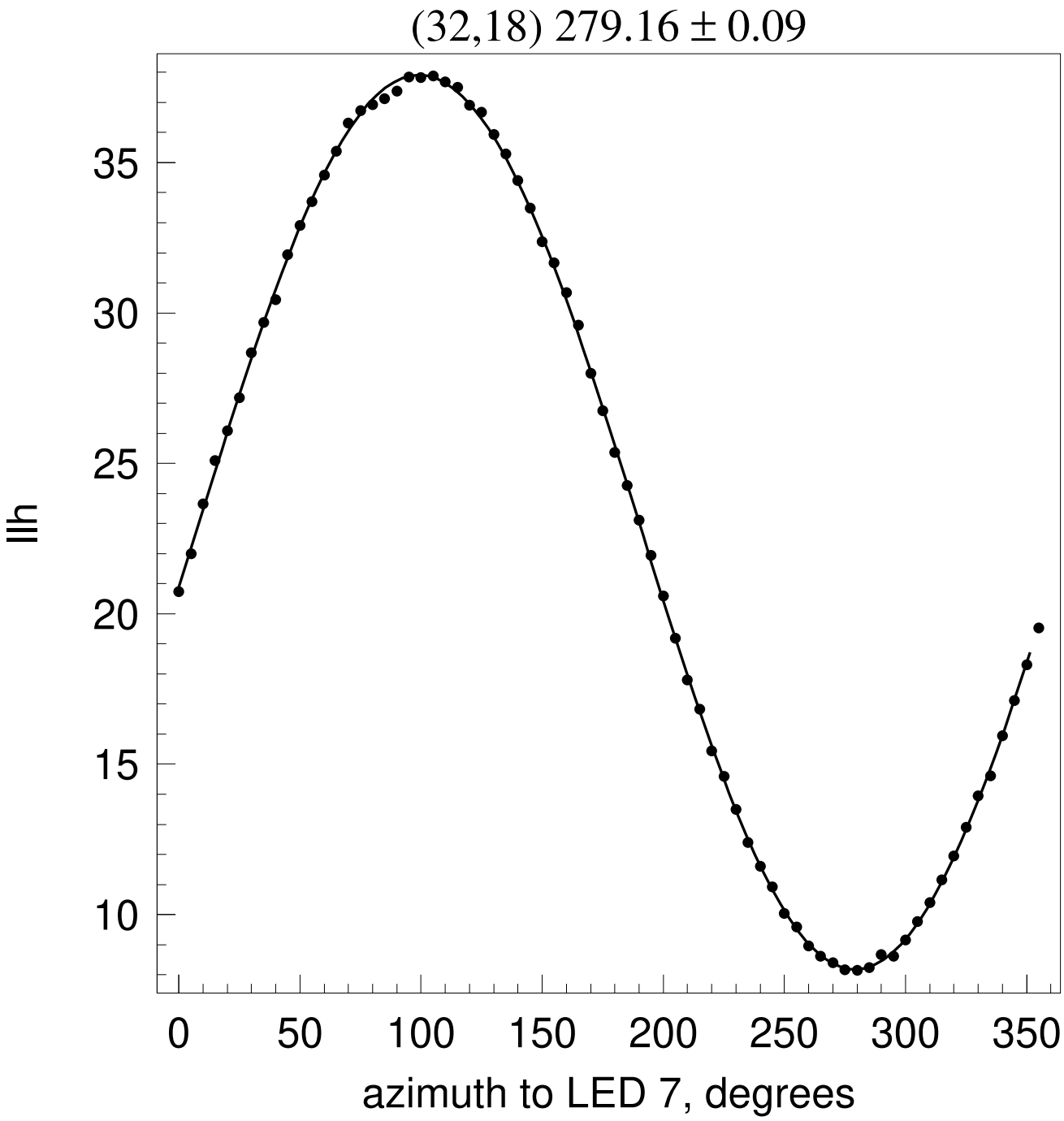

(32,13) 44.00 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

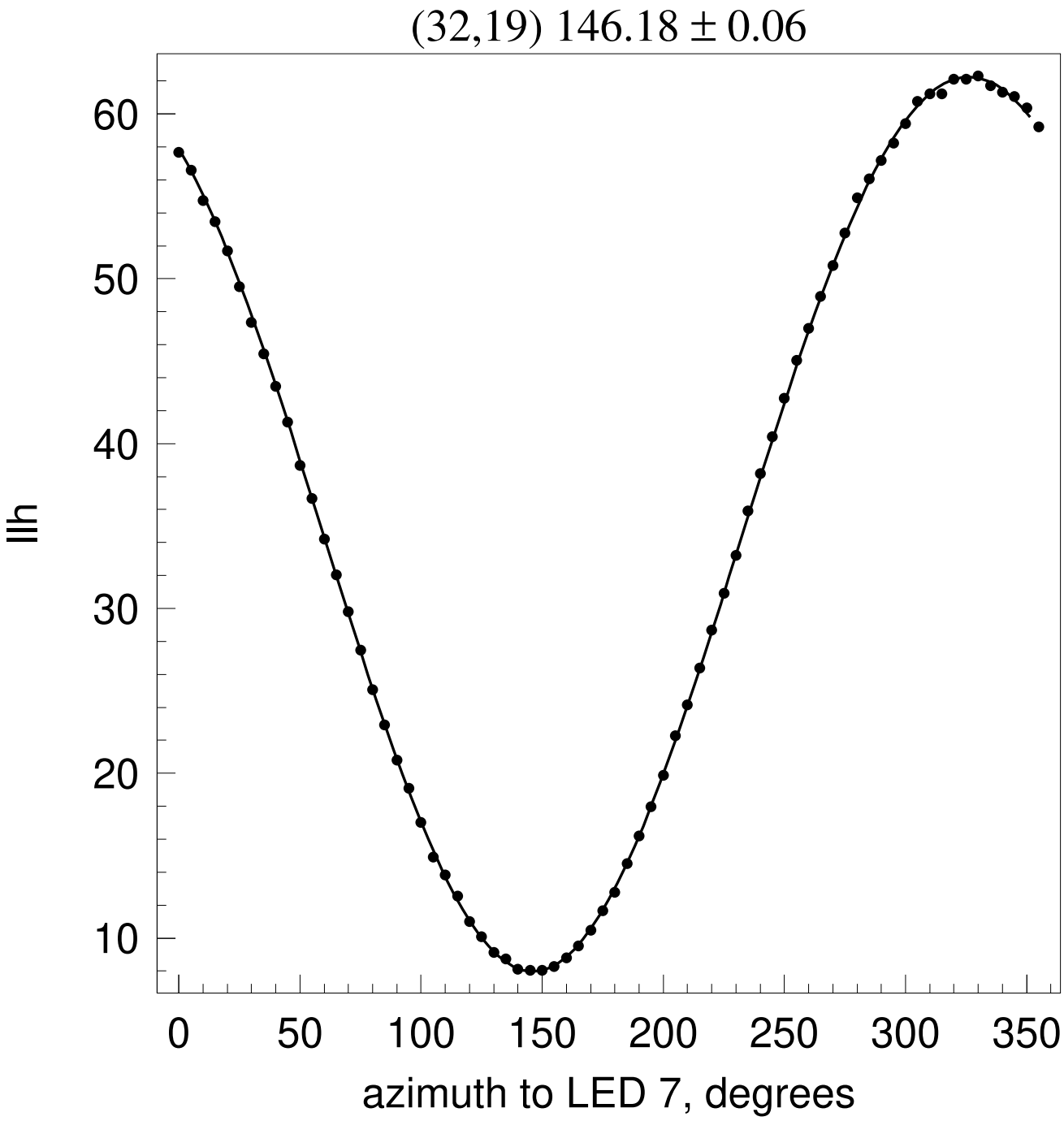

(32,14) 324.43 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

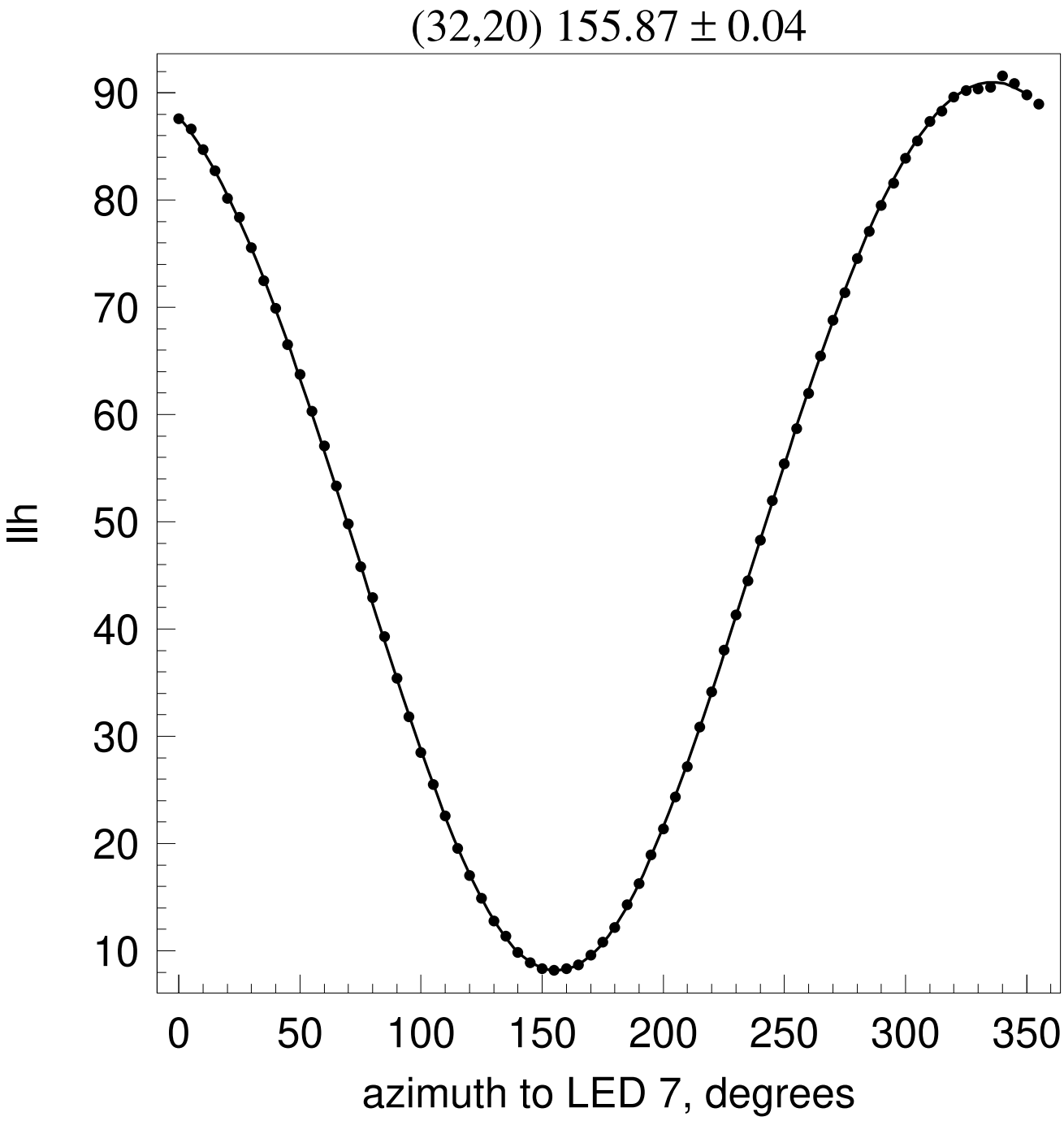

(32,15) 237.32 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

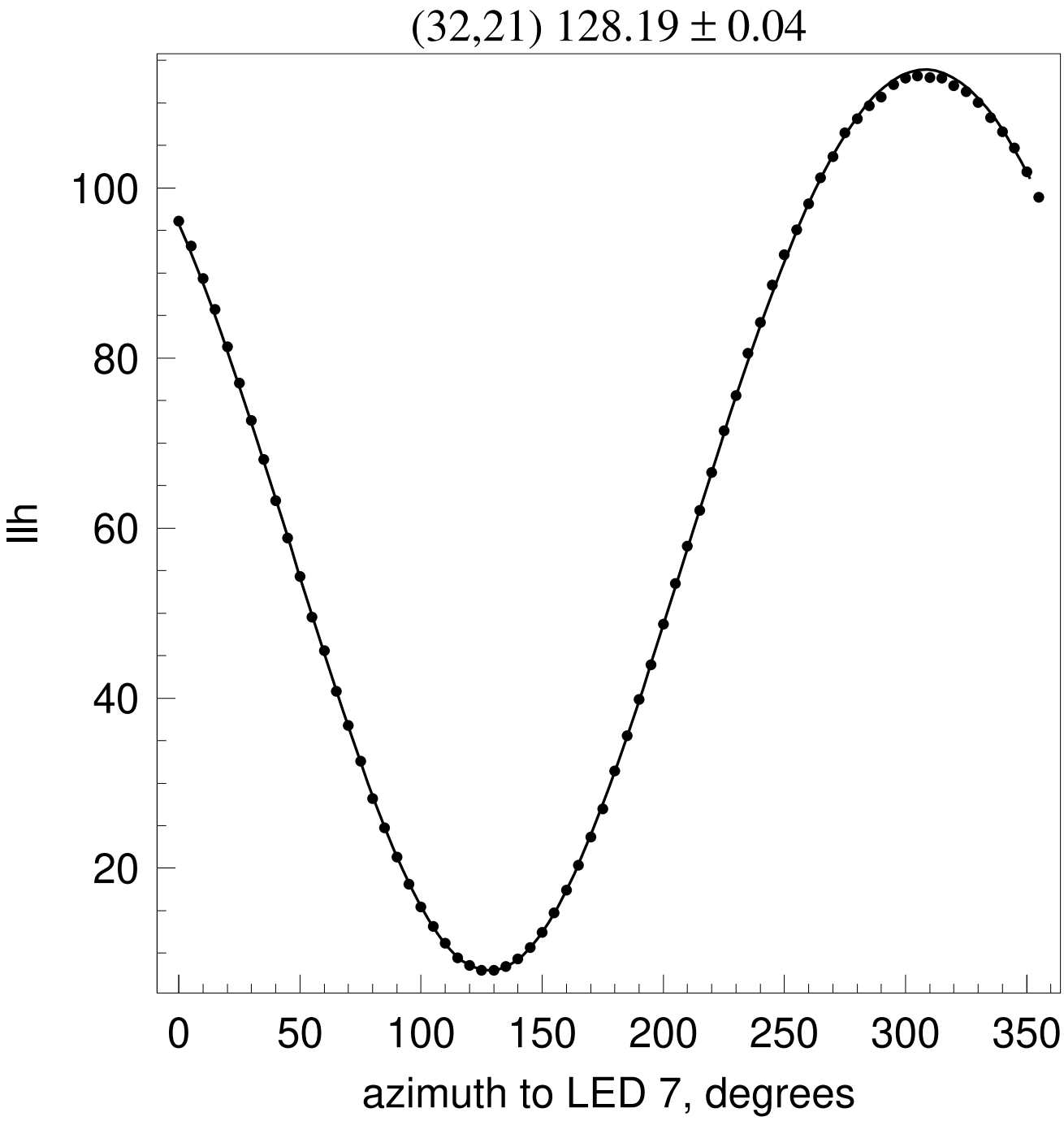

(32,16) 260.65 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

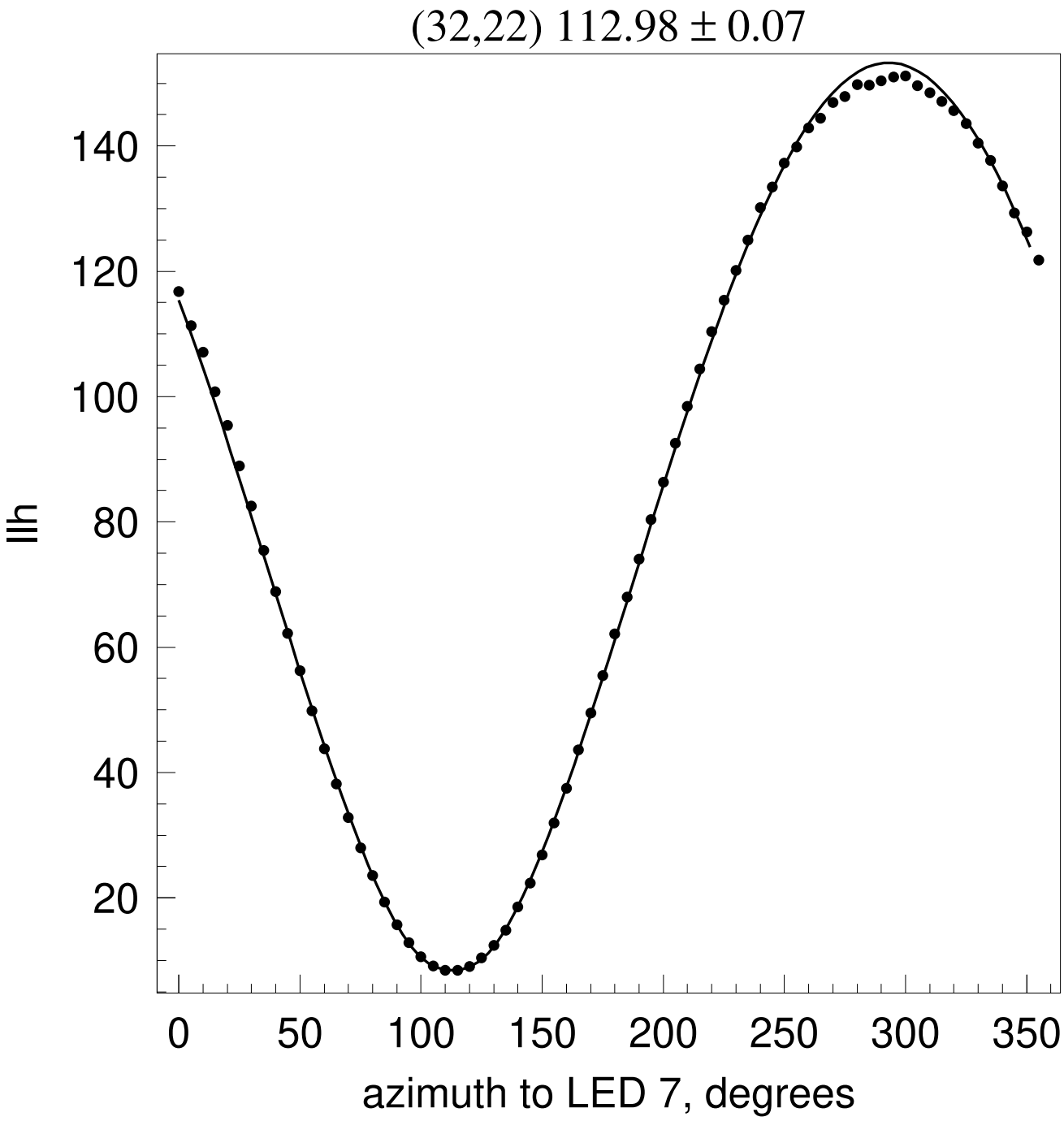

(32,17) 181.86 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

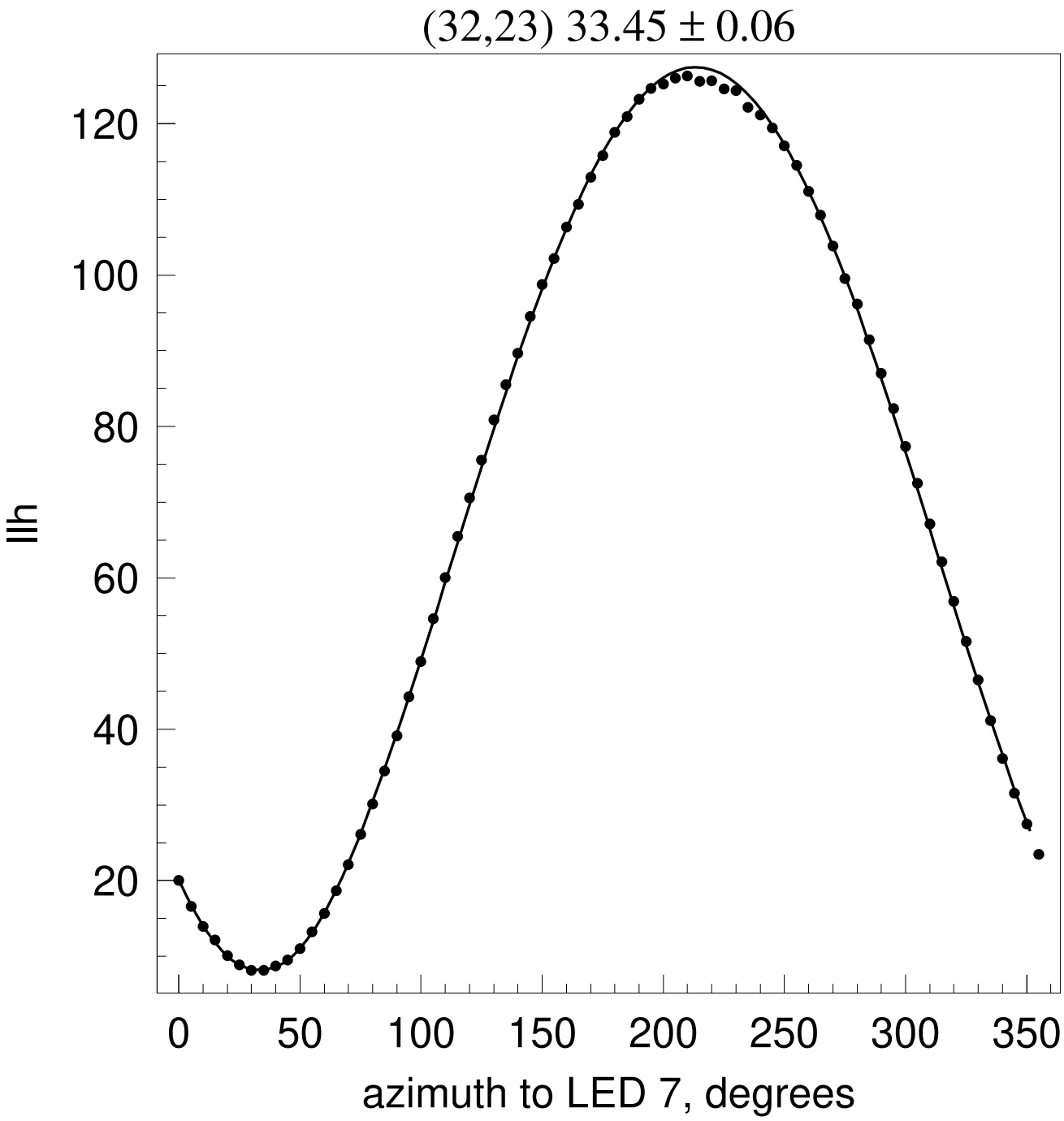

(32,18) 279.16 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

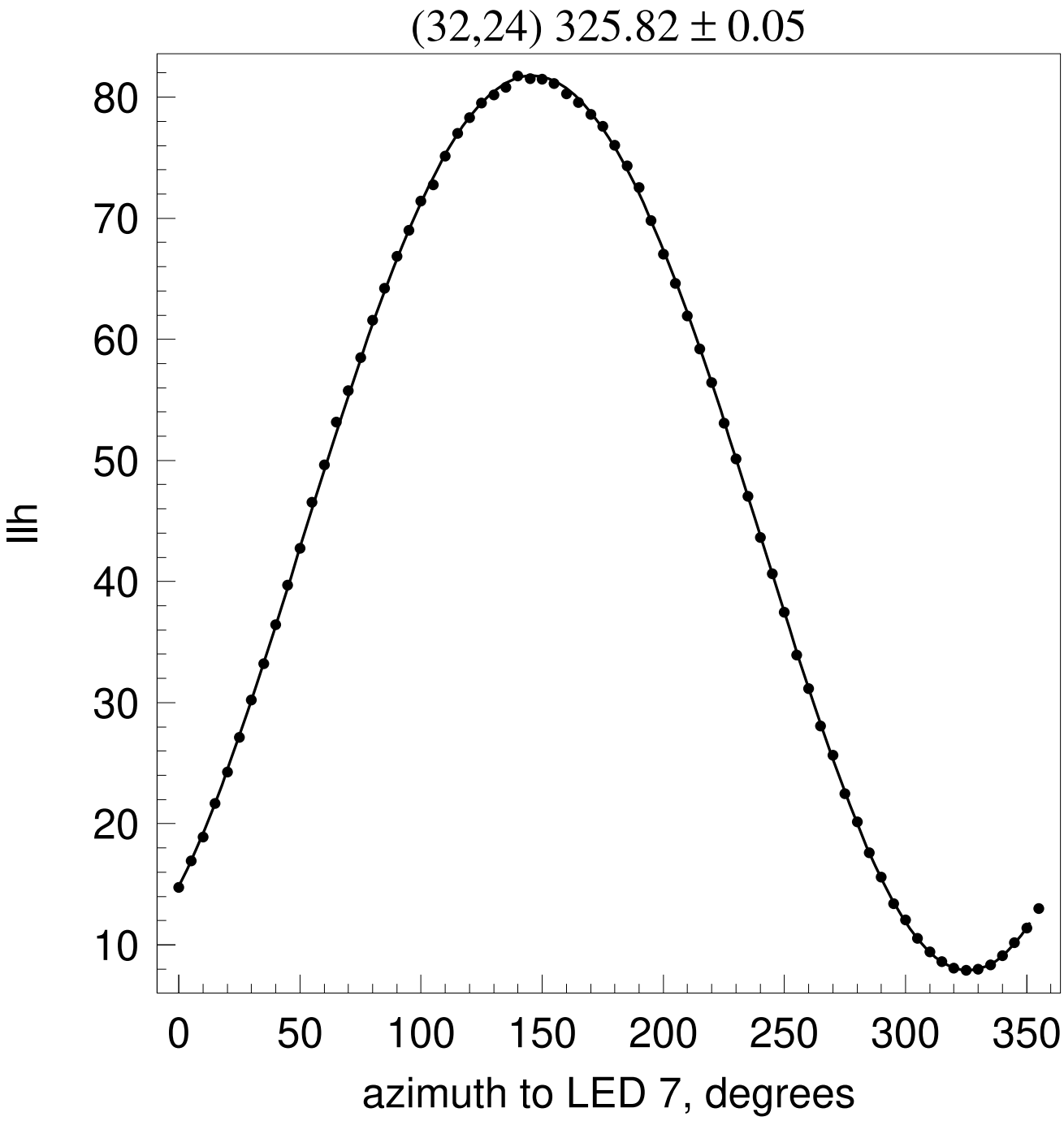

(32,19) 146.18 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

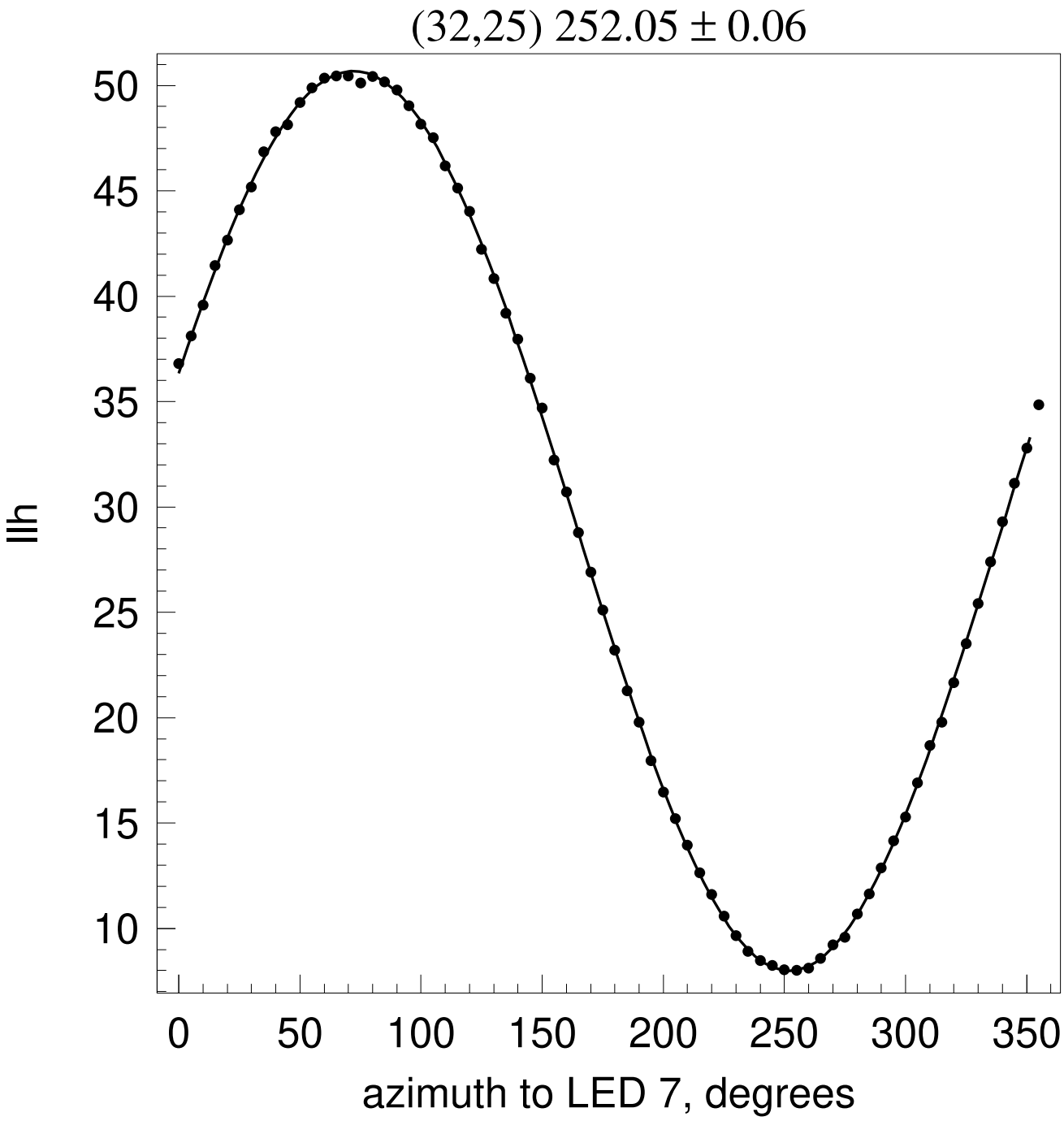

(32,20) 155.87 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

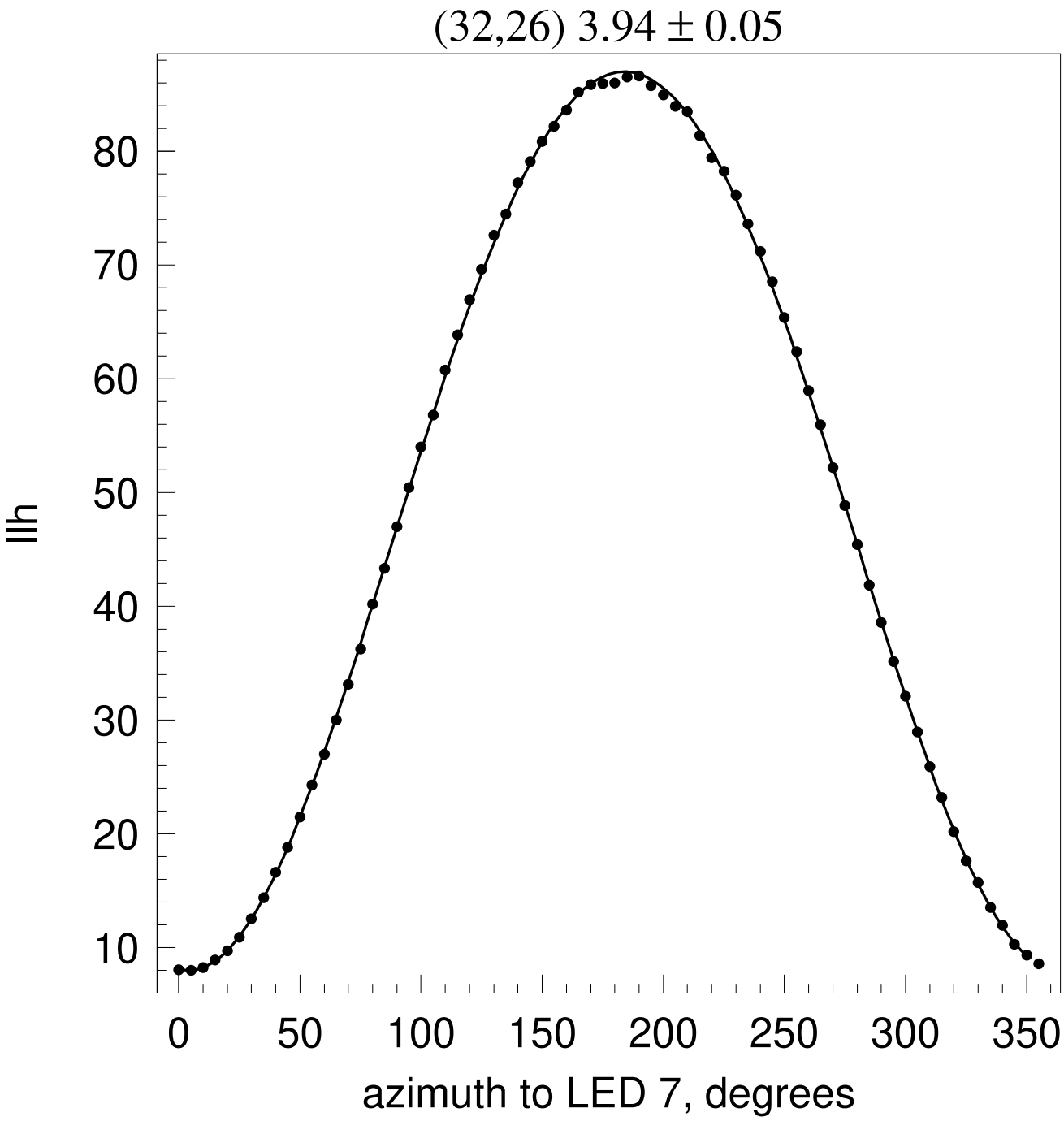

(32,21) 128.19 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

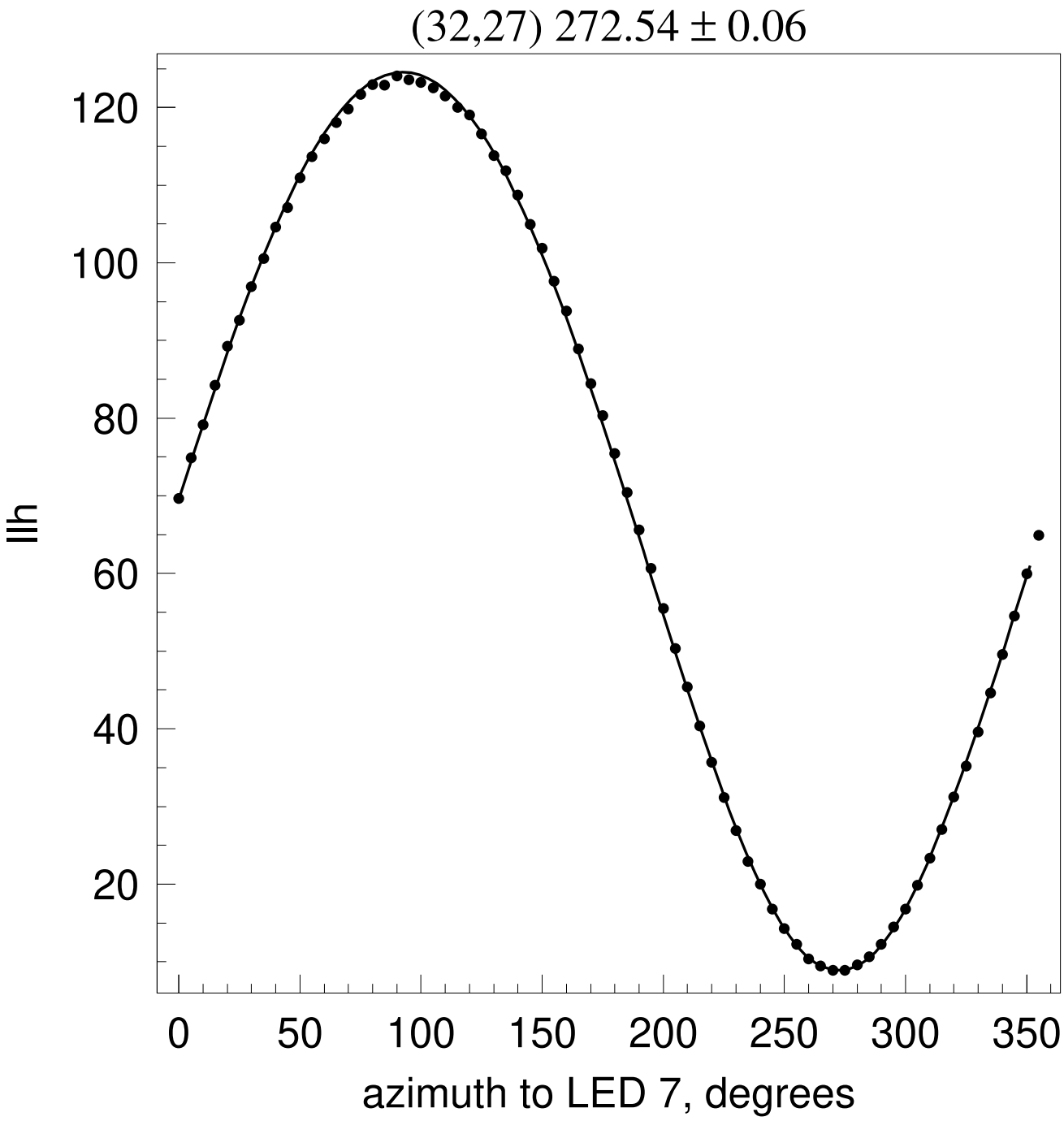

(32,22) 112.98 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

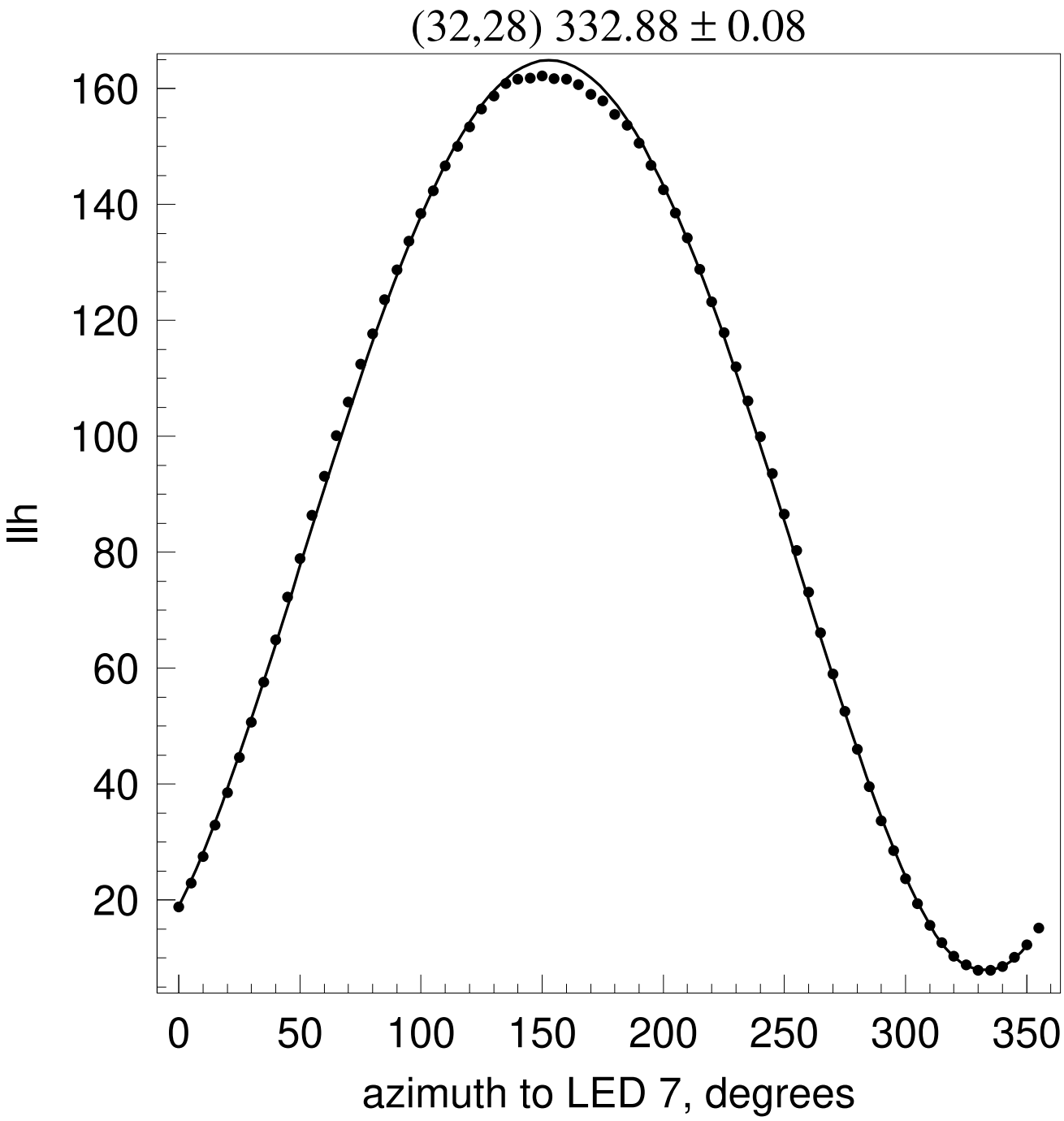

(32,23) 33.45 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

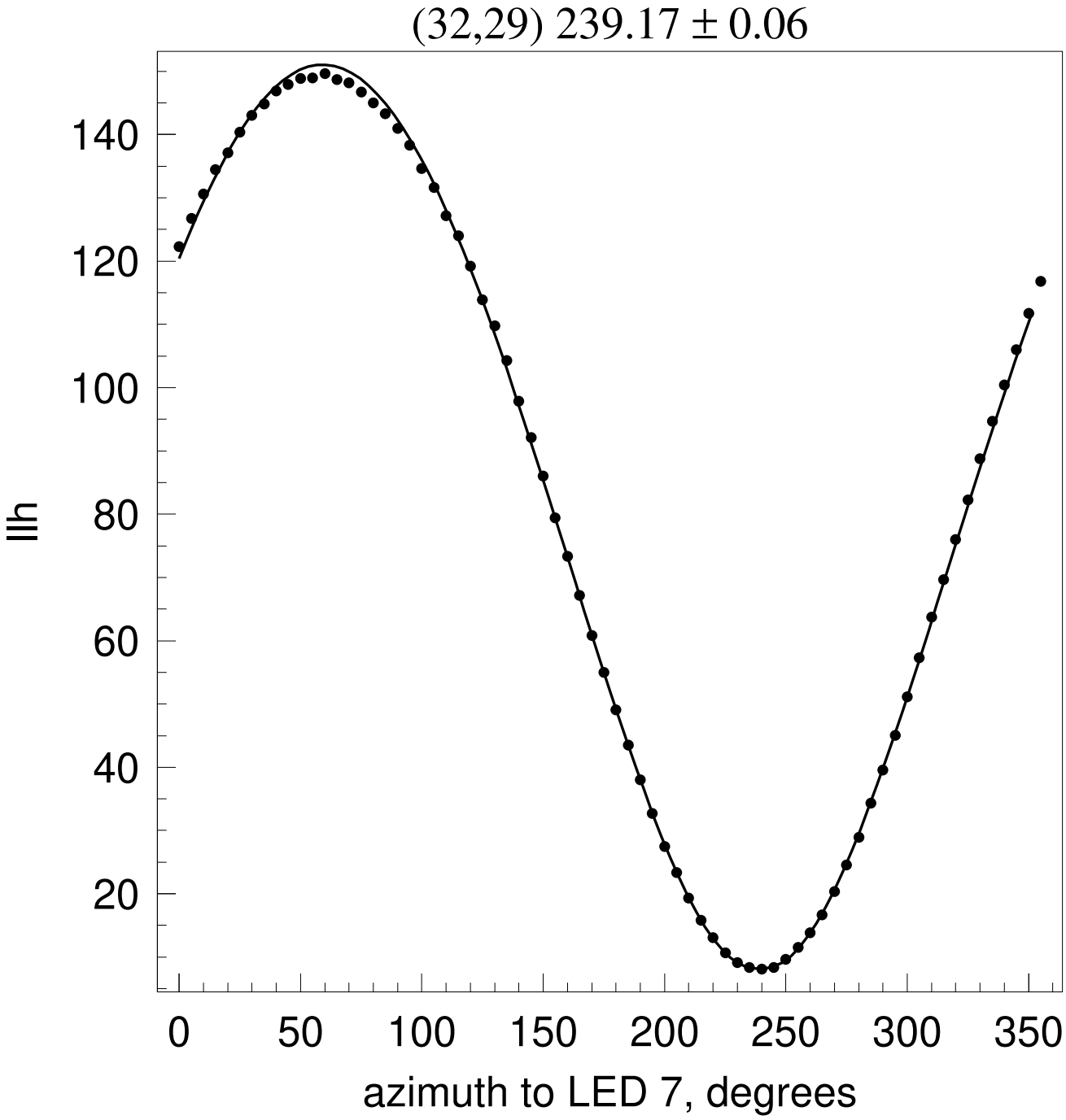

(32,24) 325.82 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

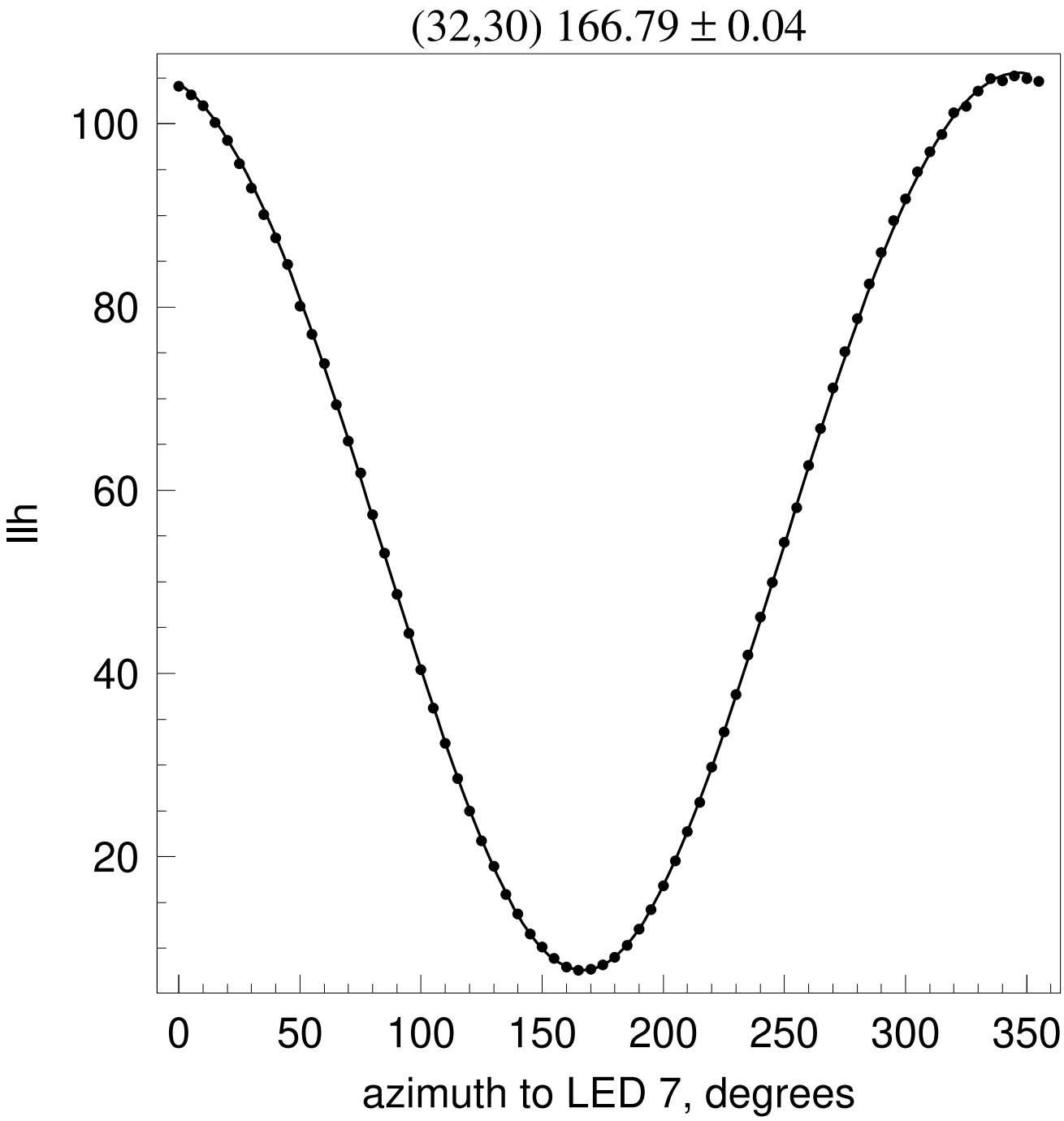

(32,25) 252.05 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

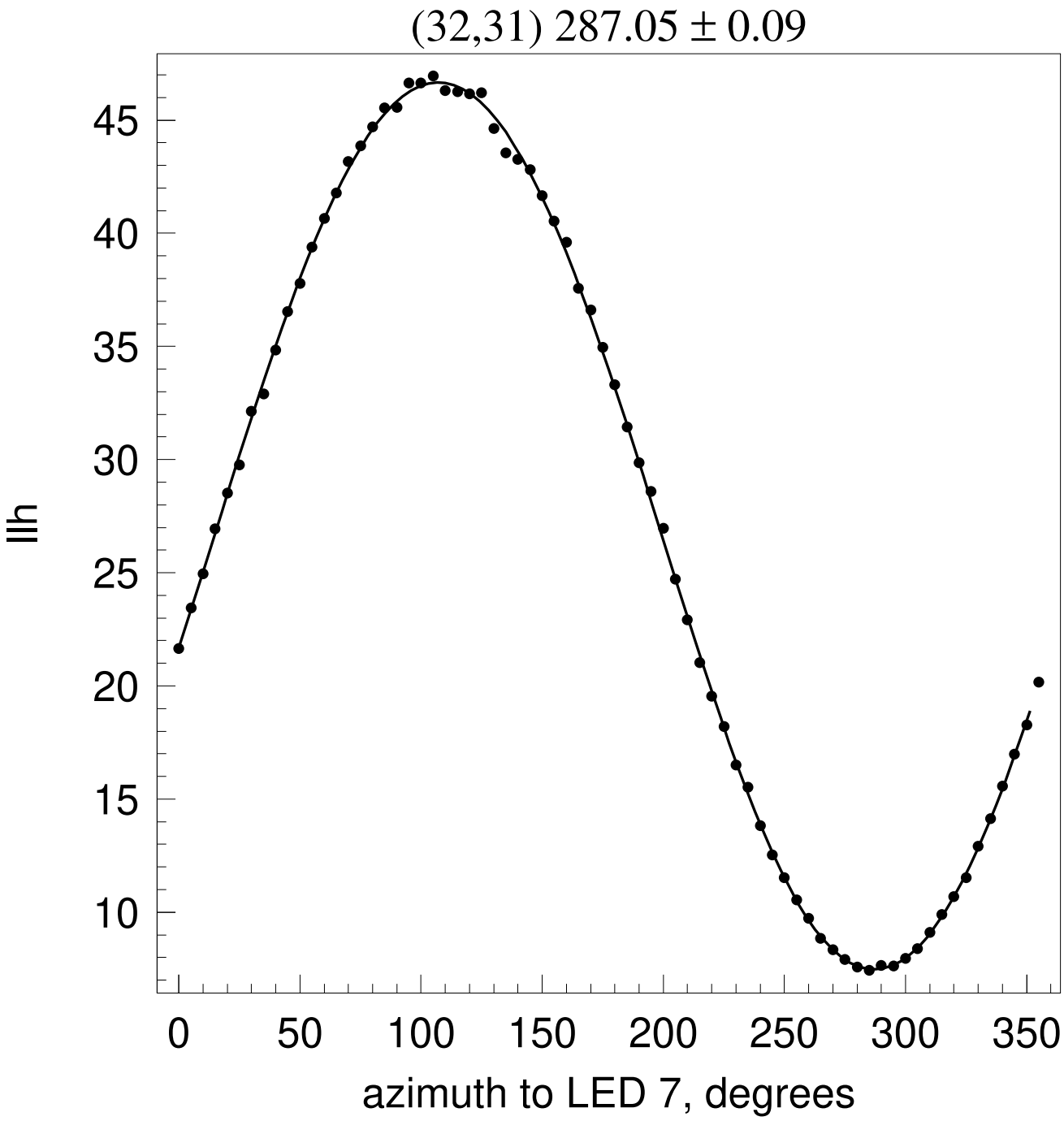

(32,26) 3.94 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

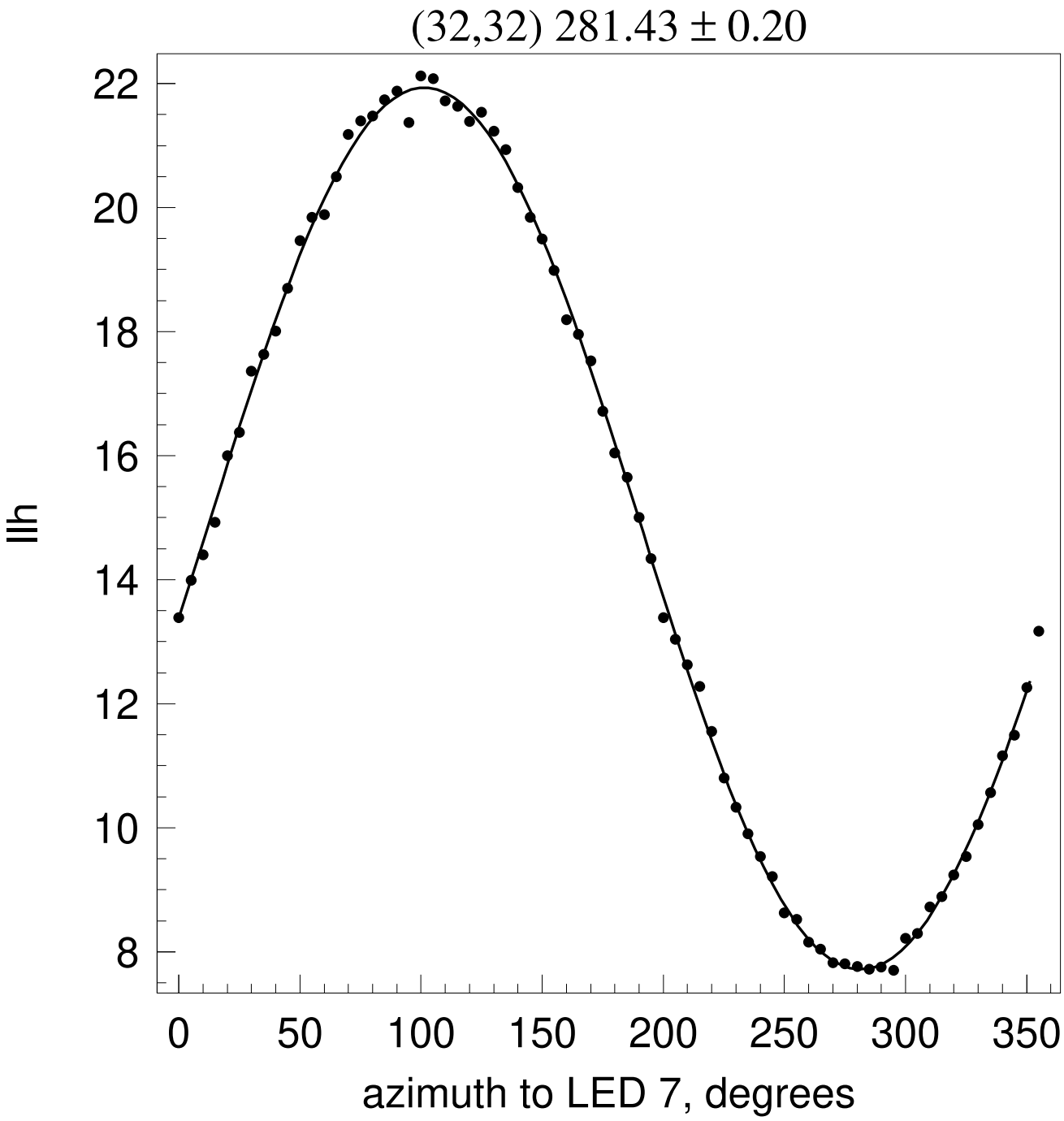

(32,27) 272.54 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

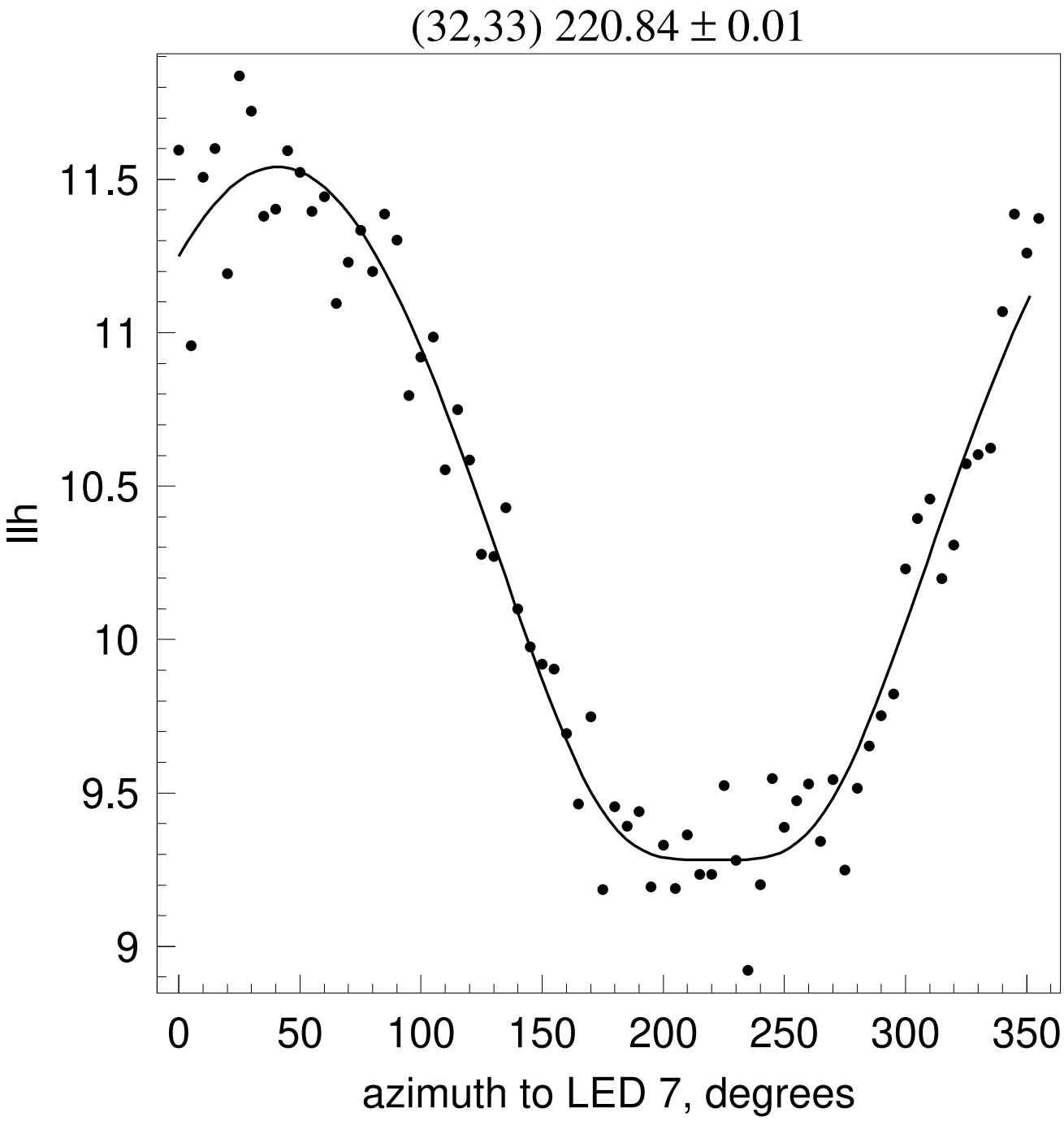

(32,28) 332.88 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

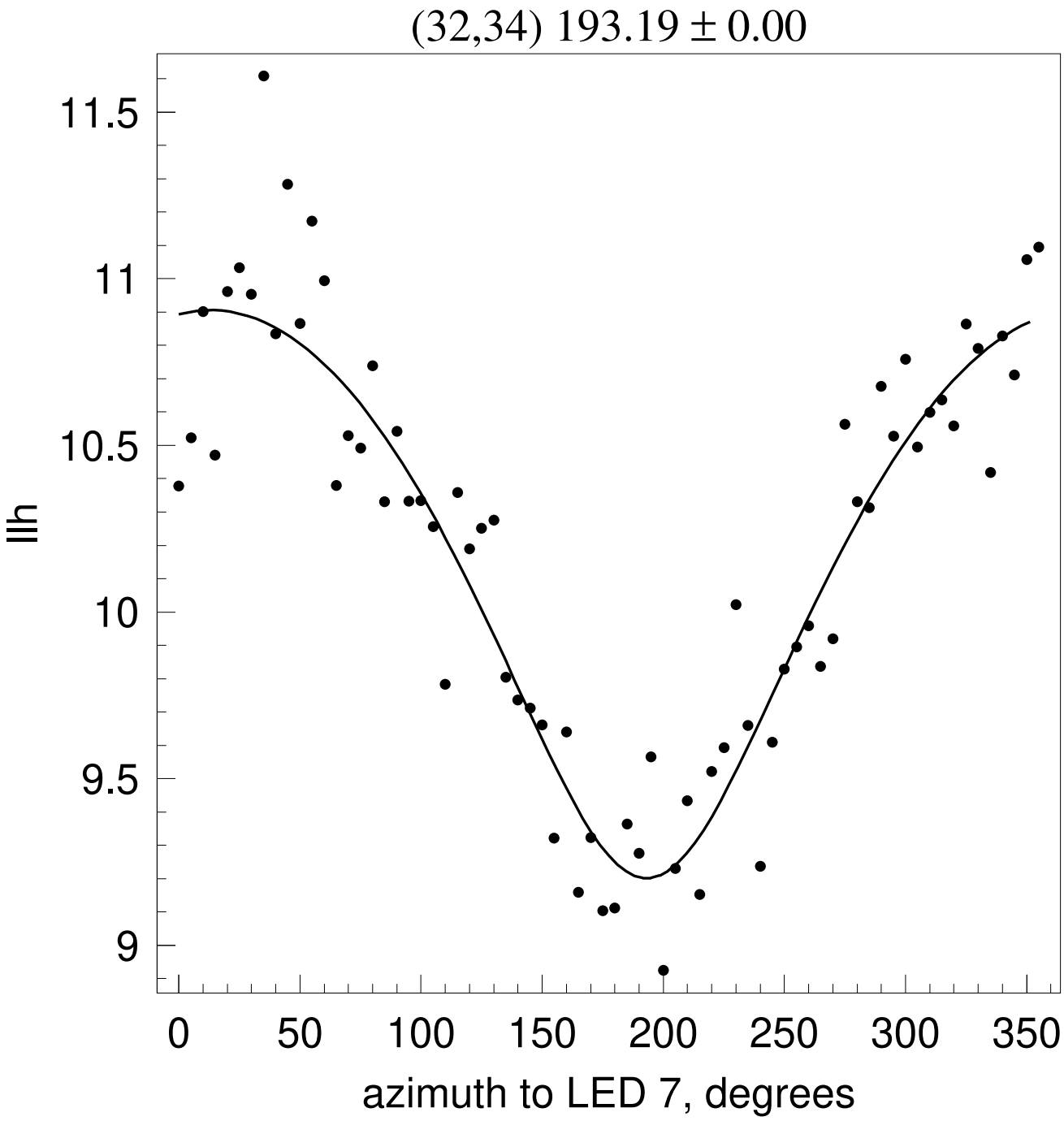

(32,29) 239.17 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

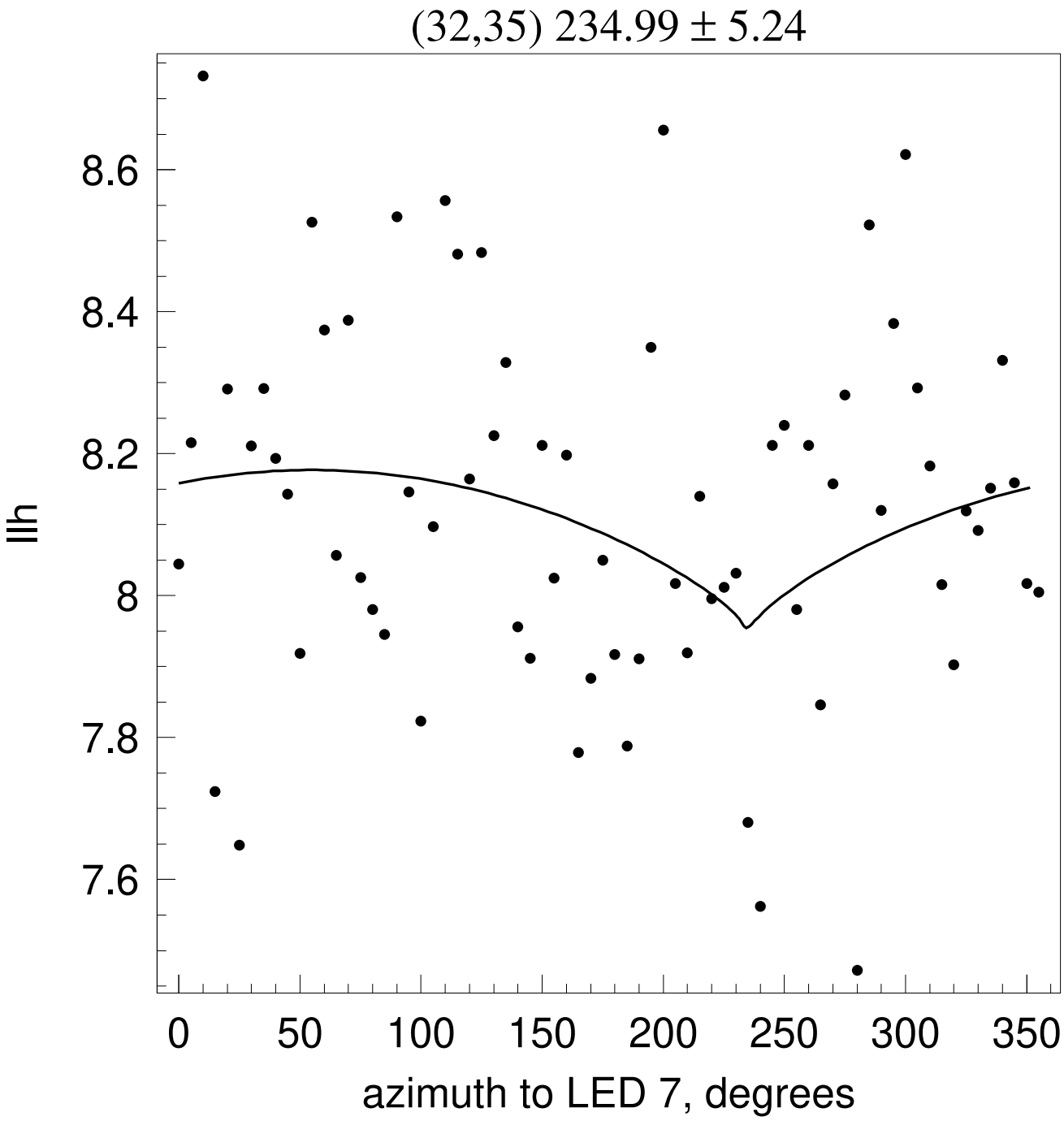

(32,30) 166.79 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

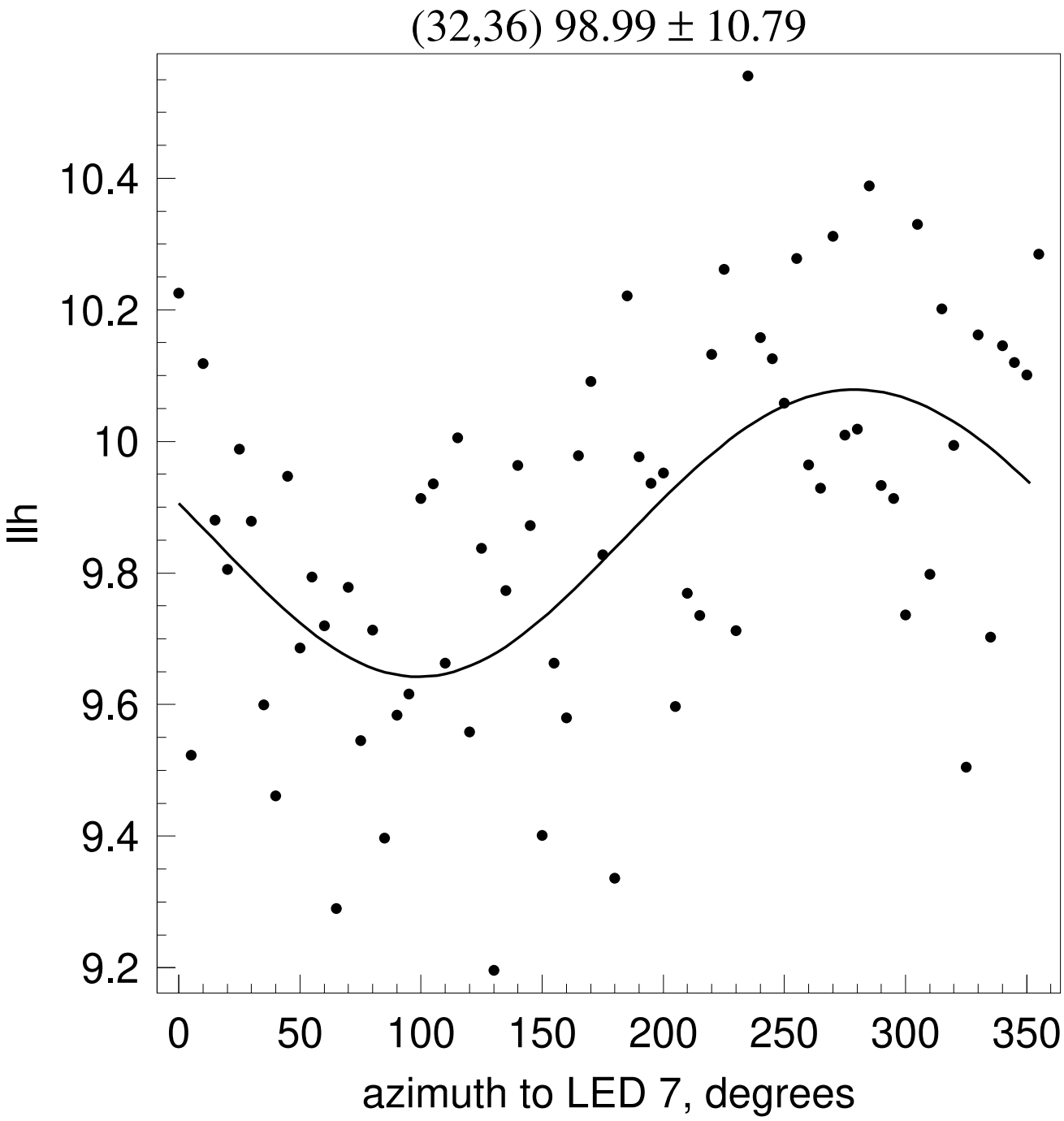

(32,31) 287.05 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

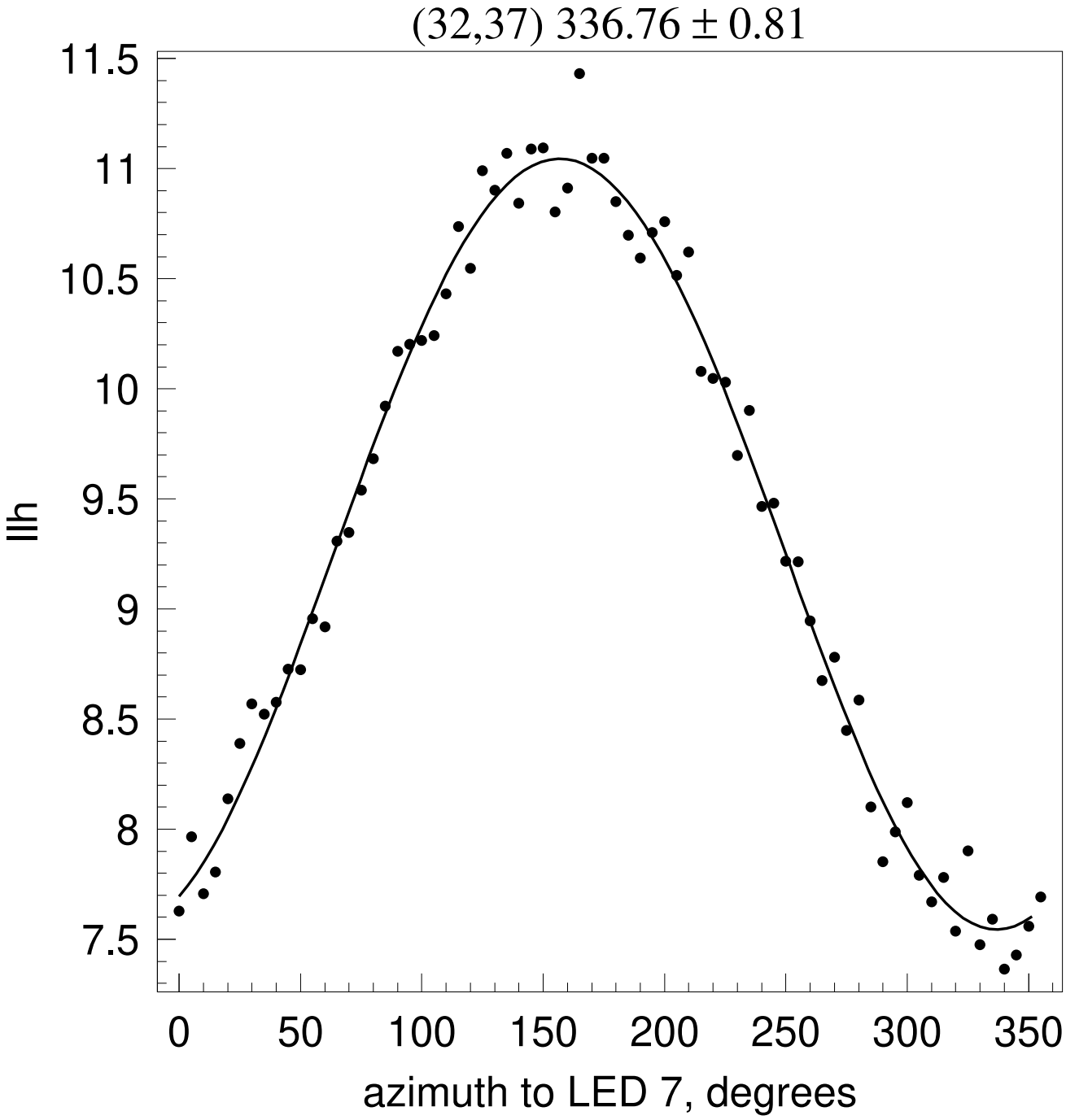

(32,32) 281.43 ± 0.20
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

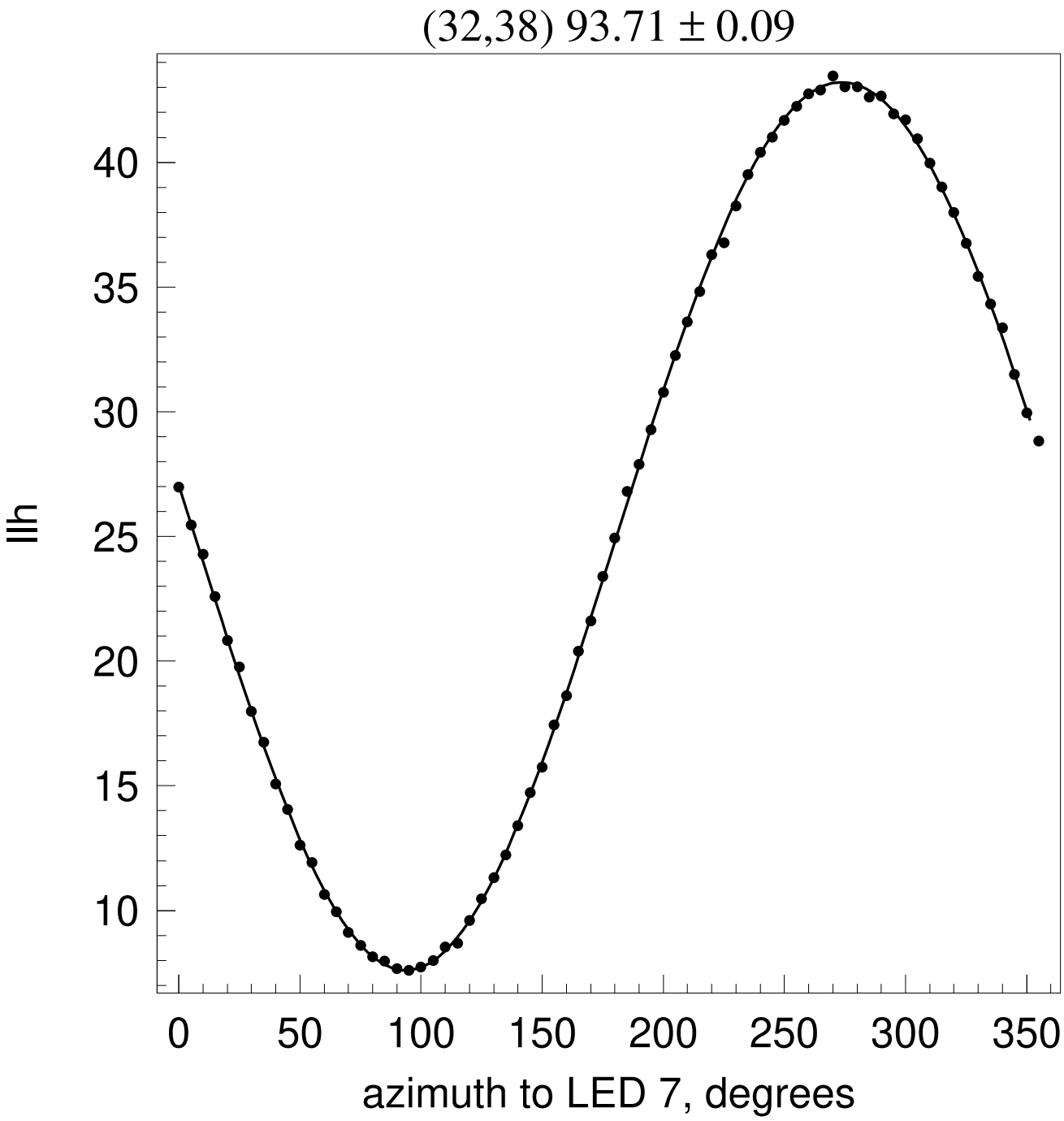

(32,33) 220.84 ± 0.01
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

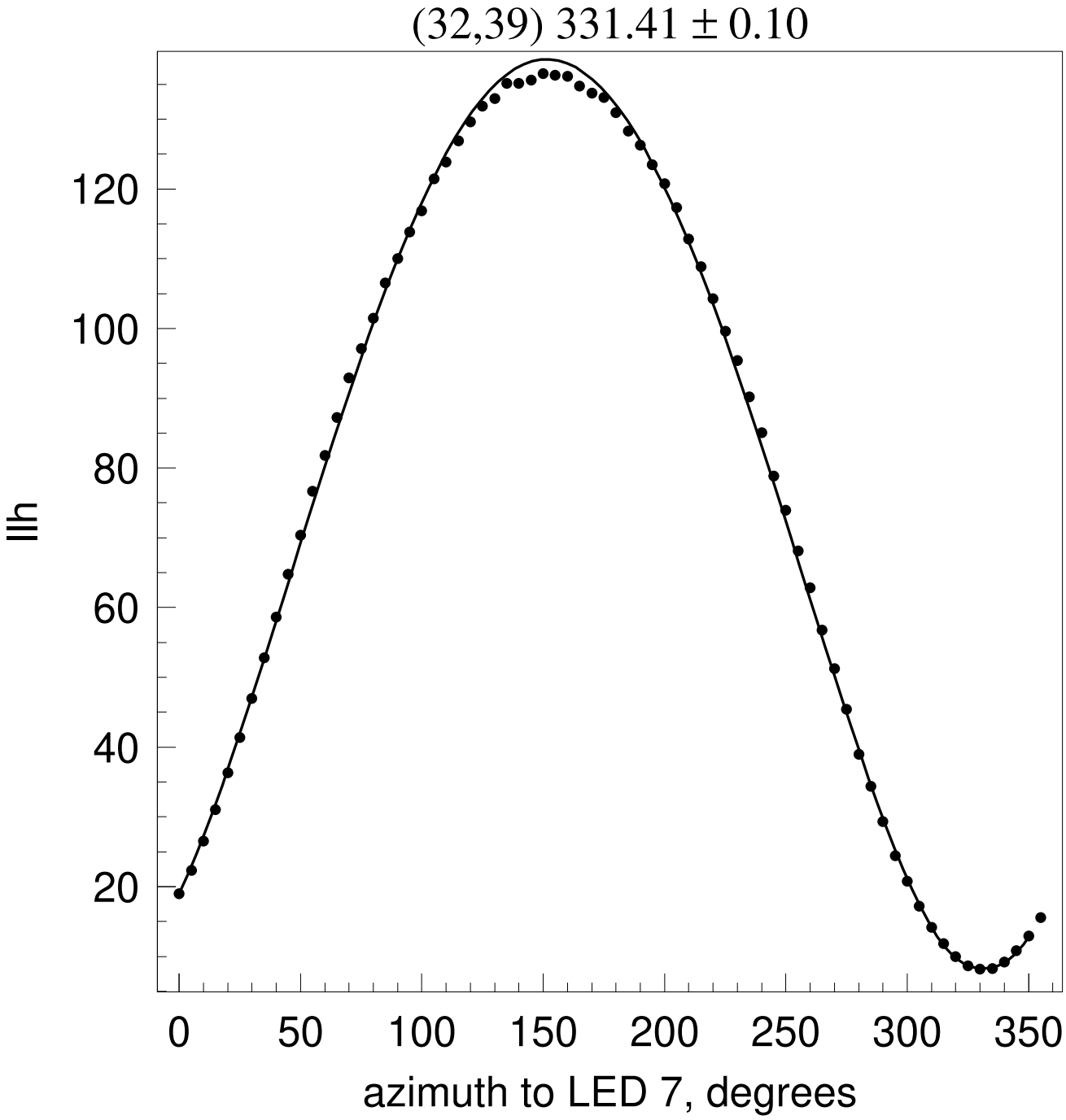

(32,34) 193.19 ± 0.00
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

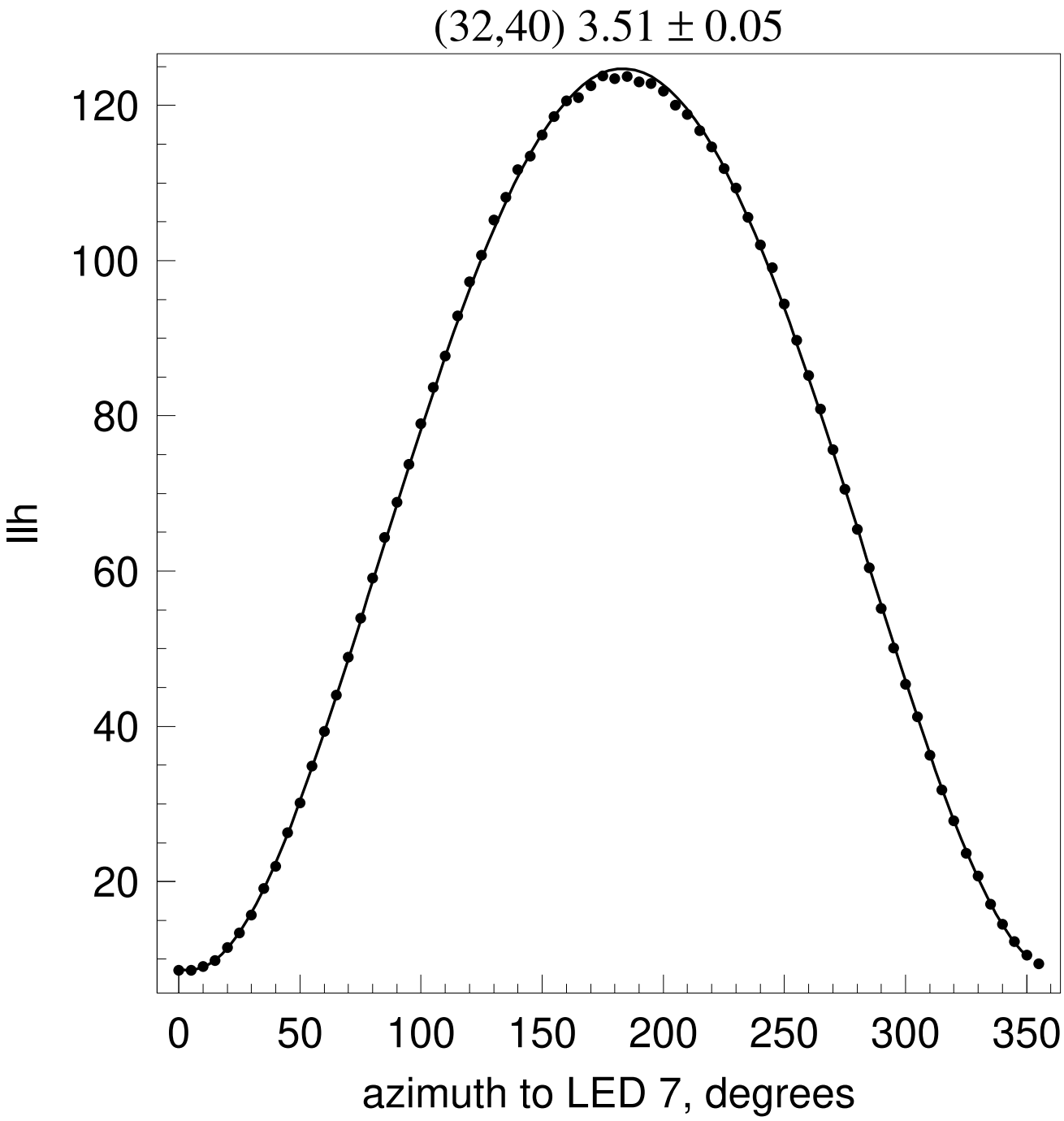

(32,35) 234.99 ± 5.24
8.6
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

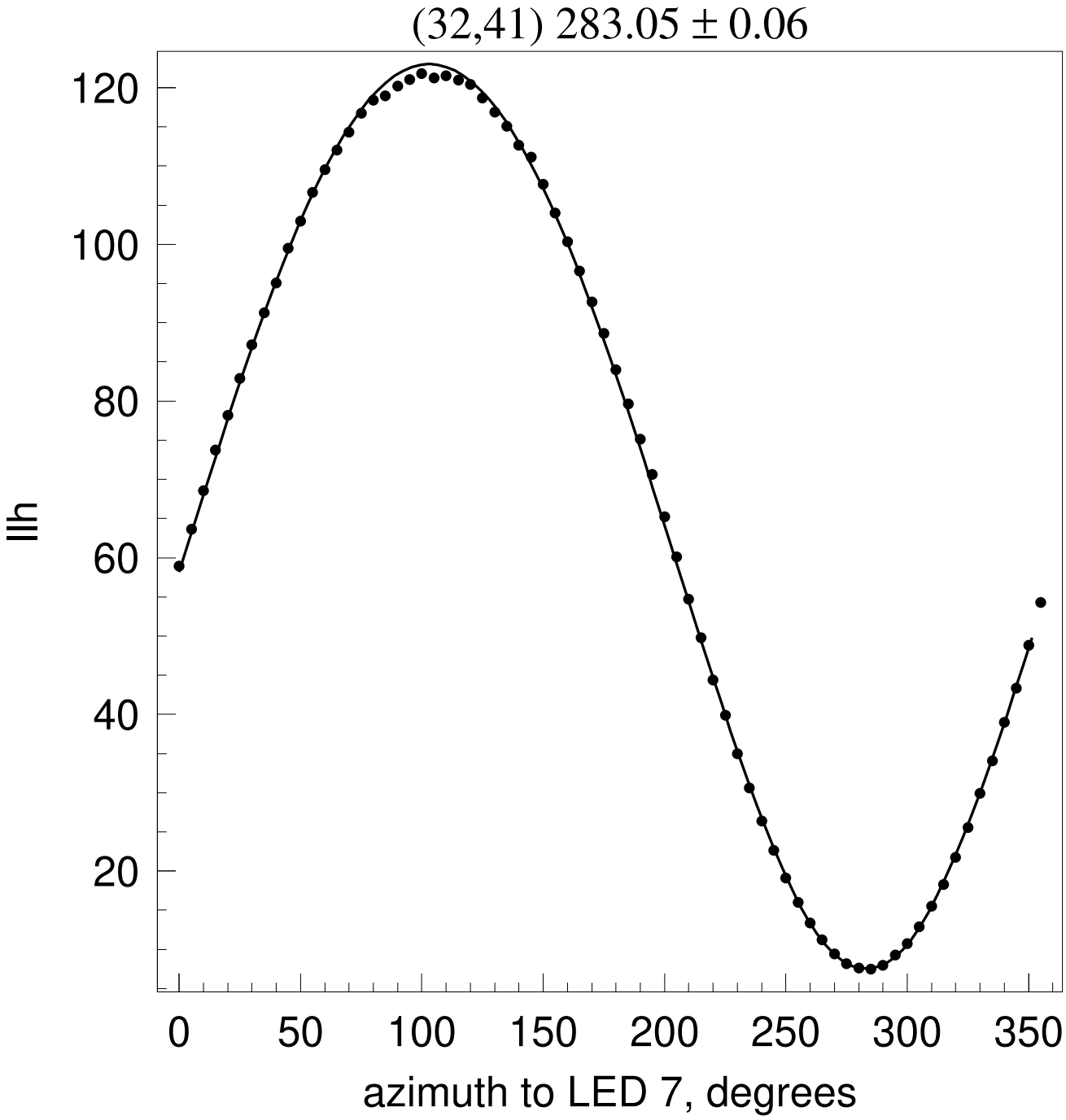

(32,36) 98.99 ± 10.79
10.4
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

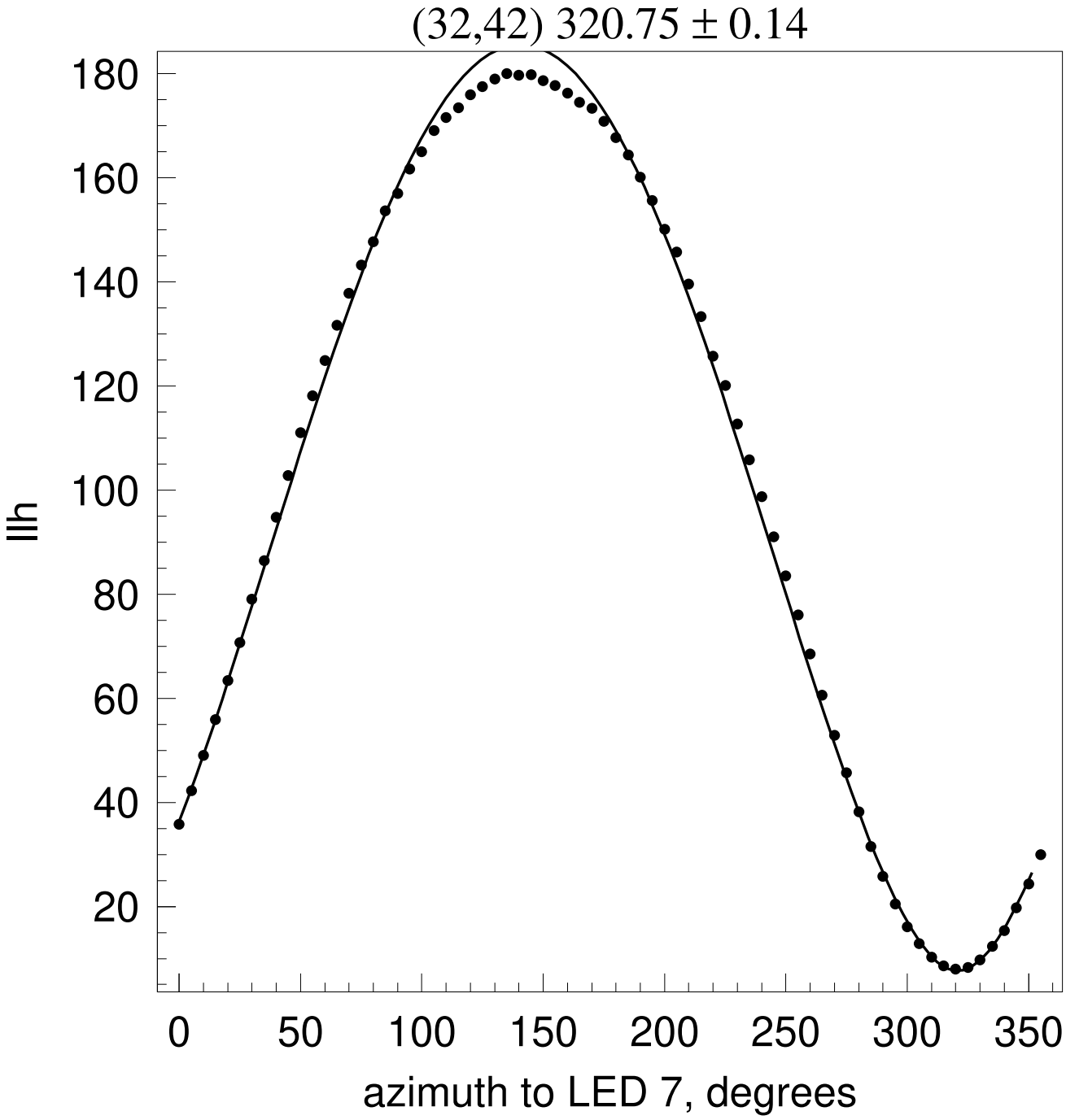

(32,37) 336.76 ± 0.81
11.5
11
10.5
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

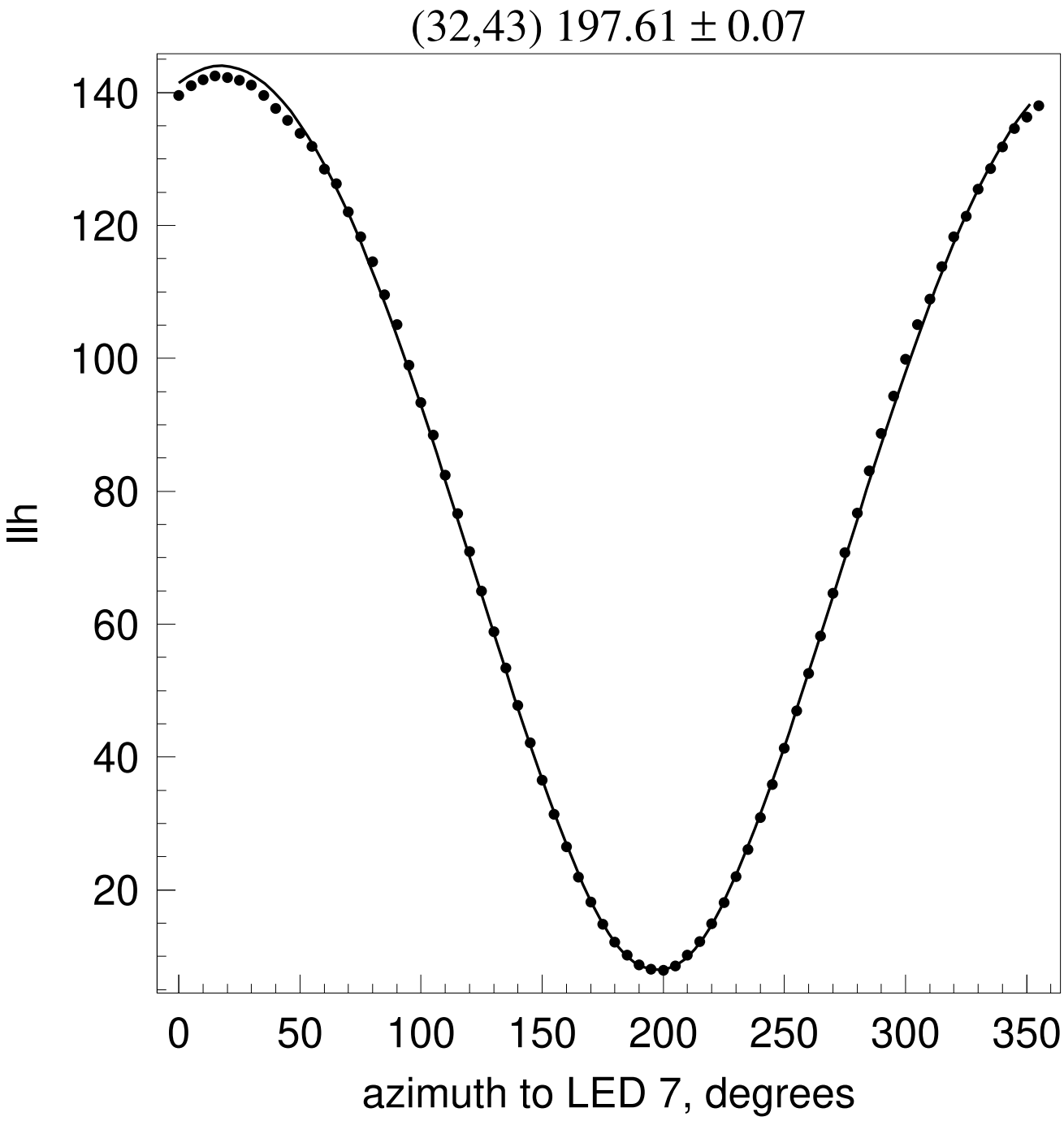

(32,38) 93.71 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

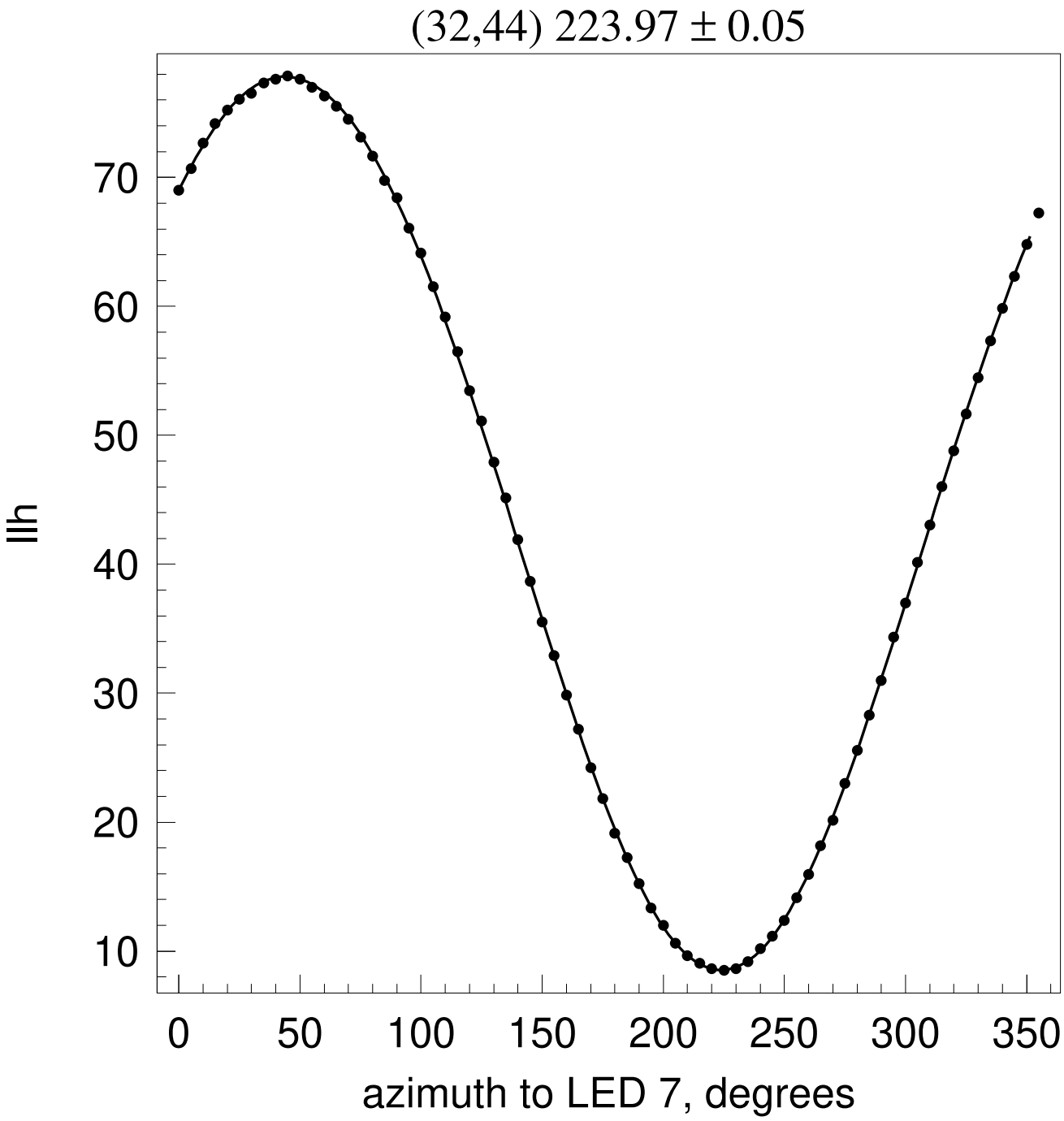

(32,39) 331.41 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

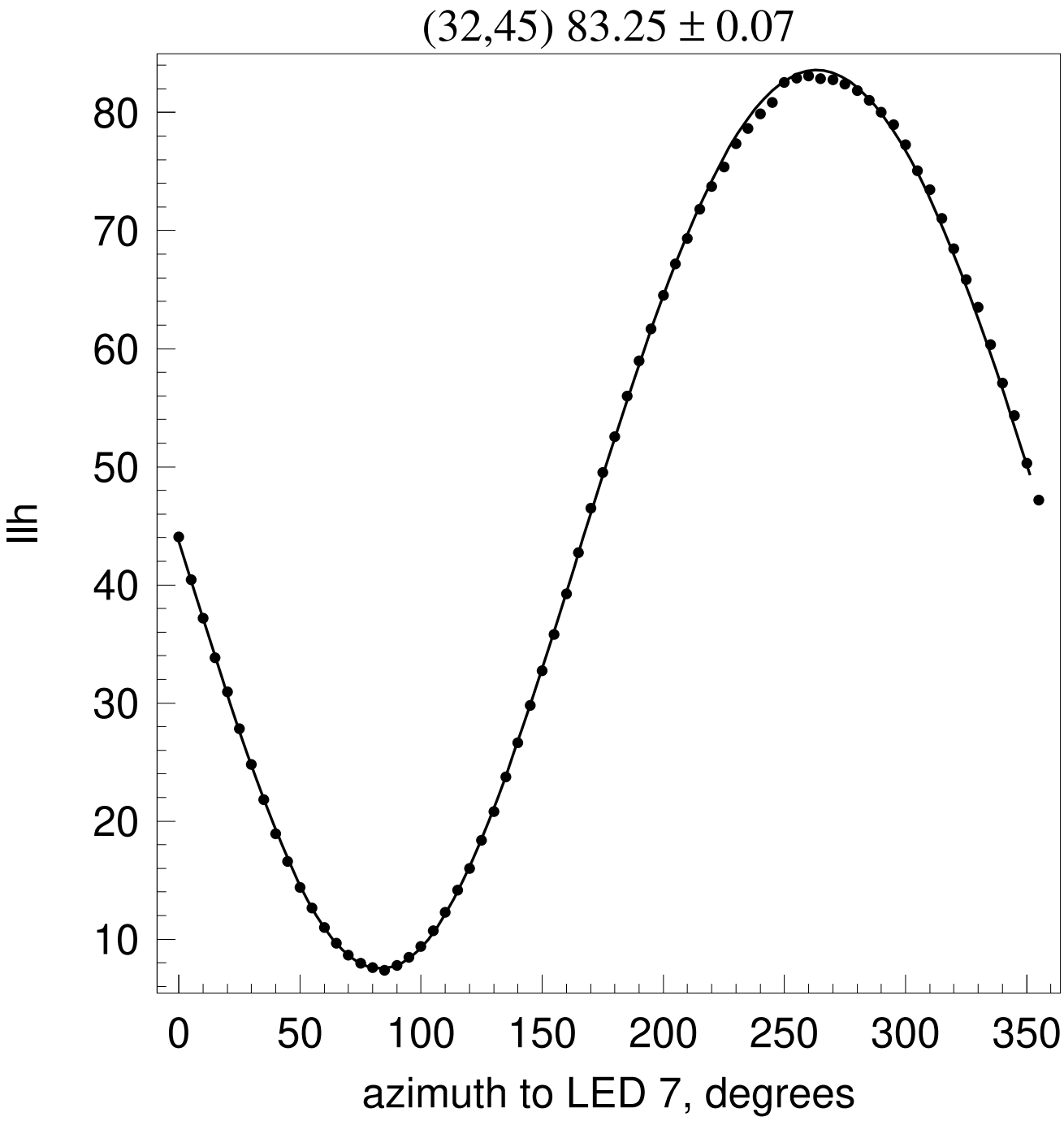

(32,40) 3.51 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

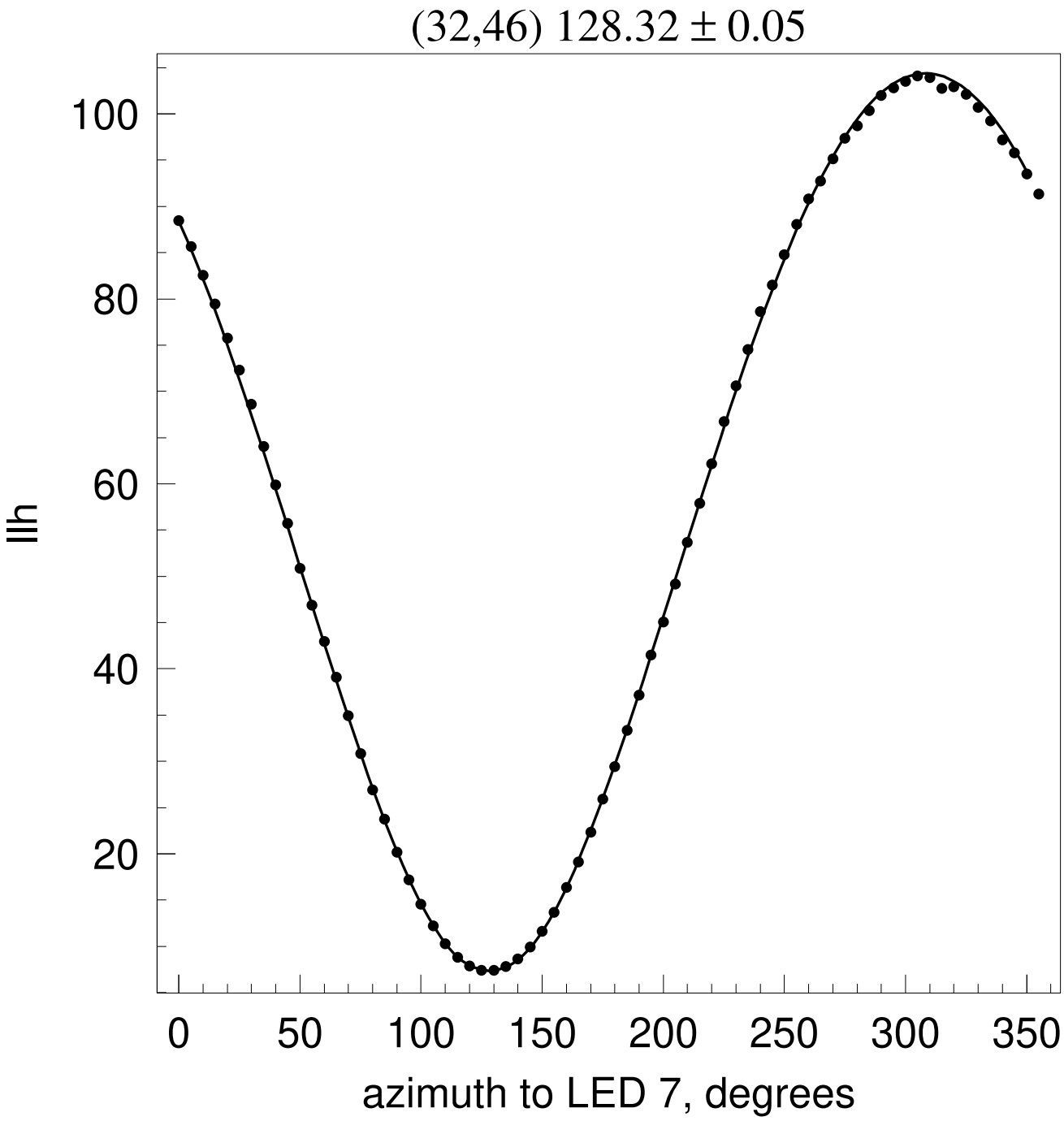

(32,41) 283.05 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

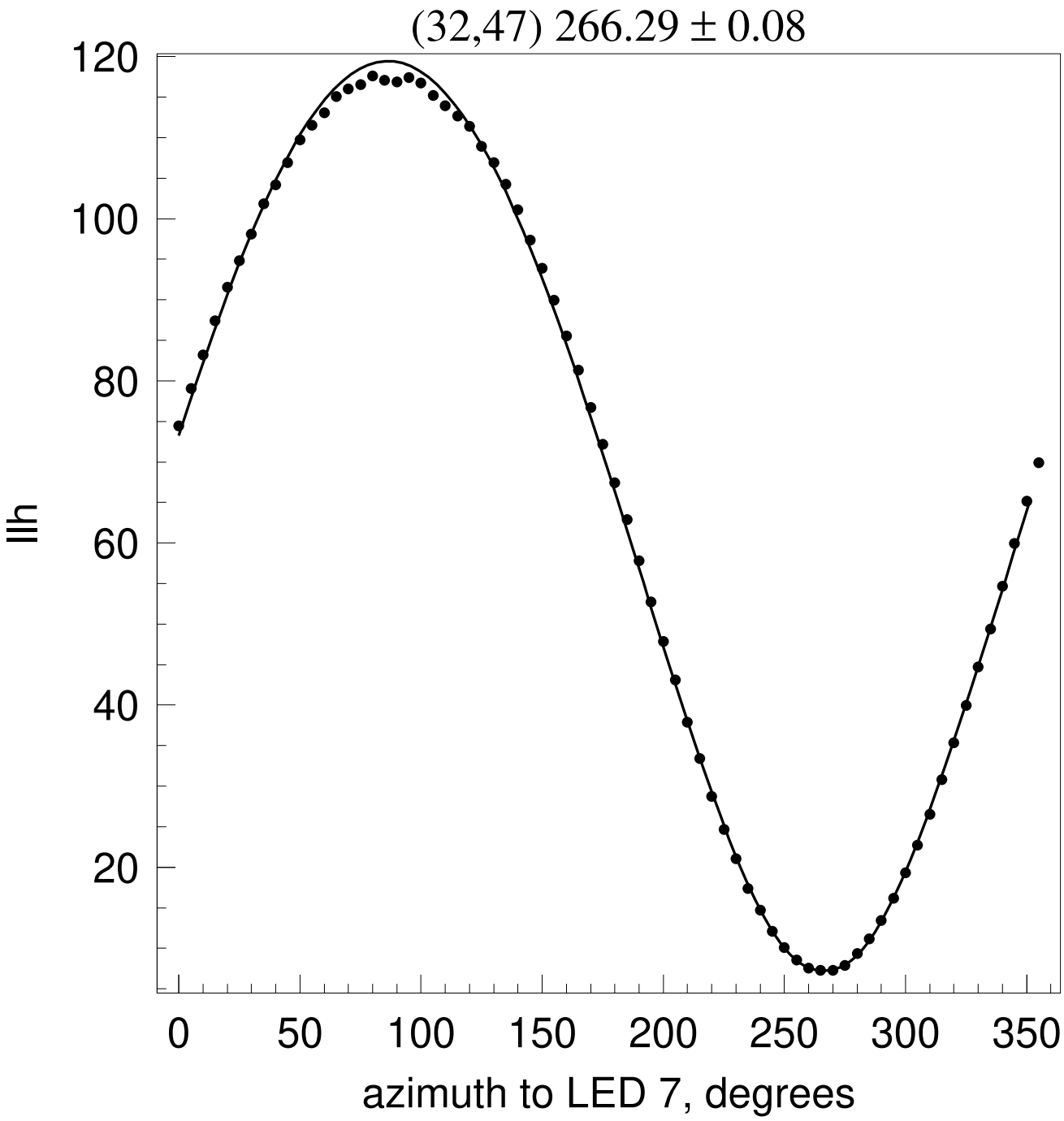

(32,42) 320.75 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

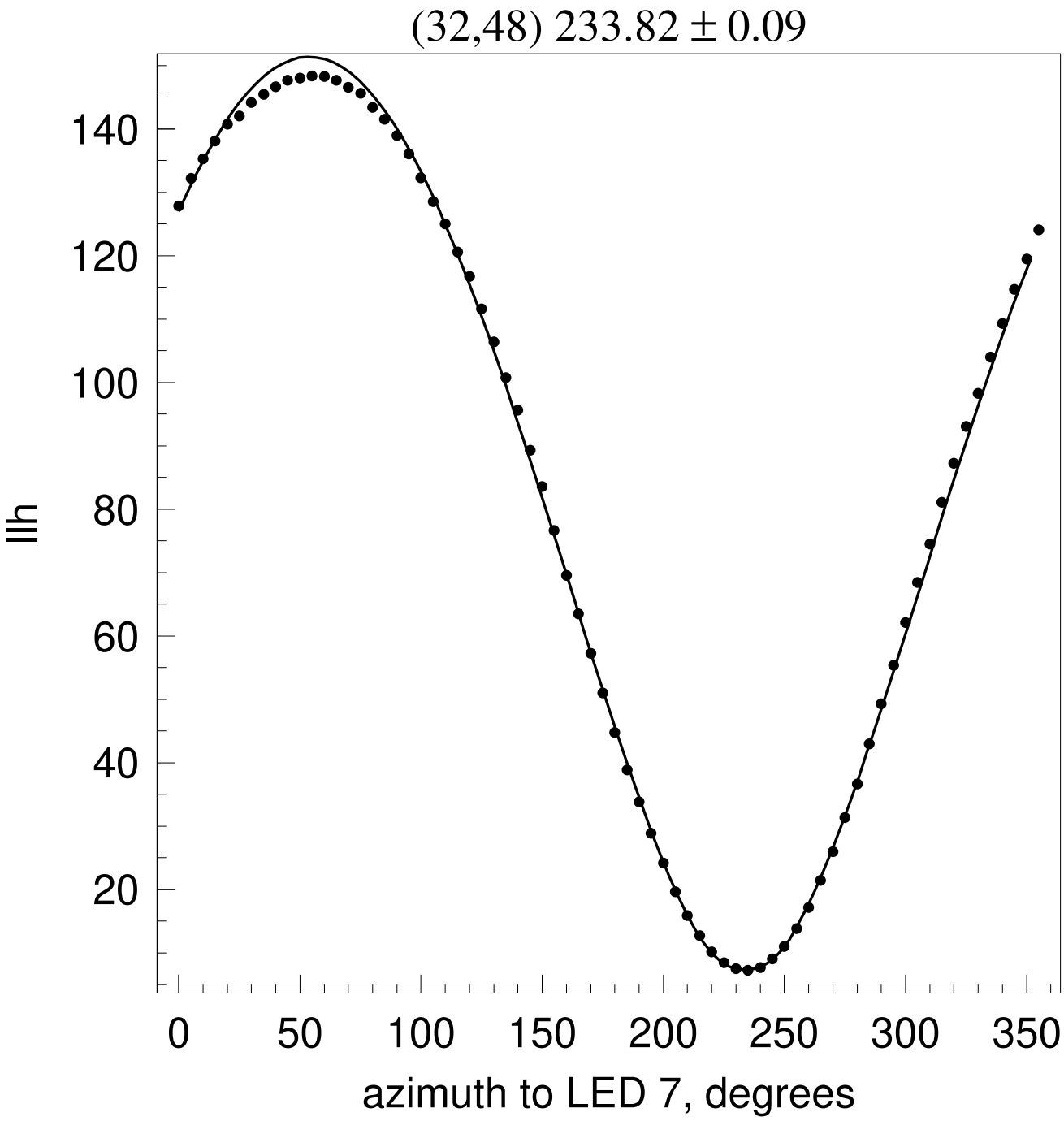

(32,43) 197.61 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

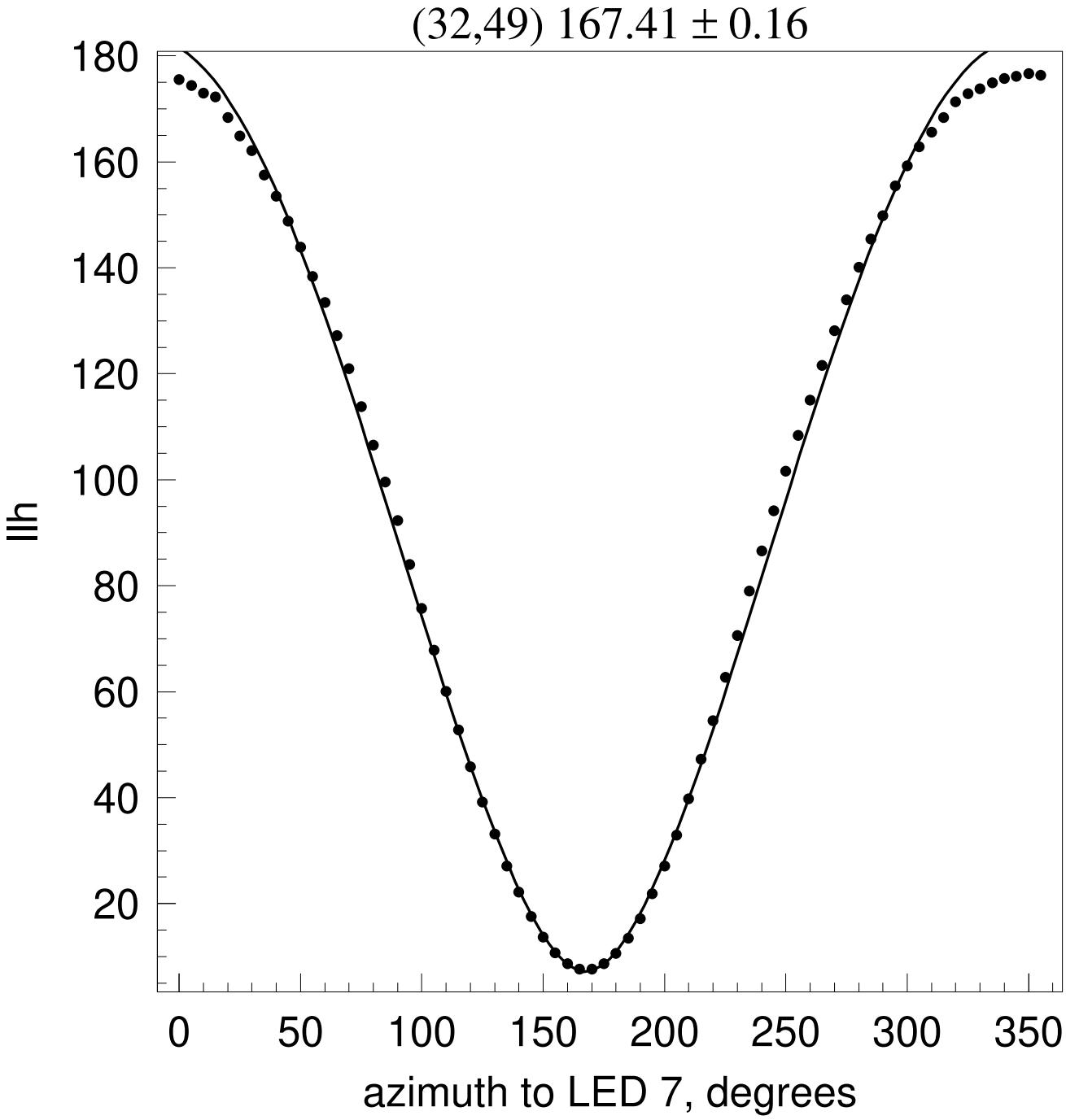

(32,44) 223.97 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

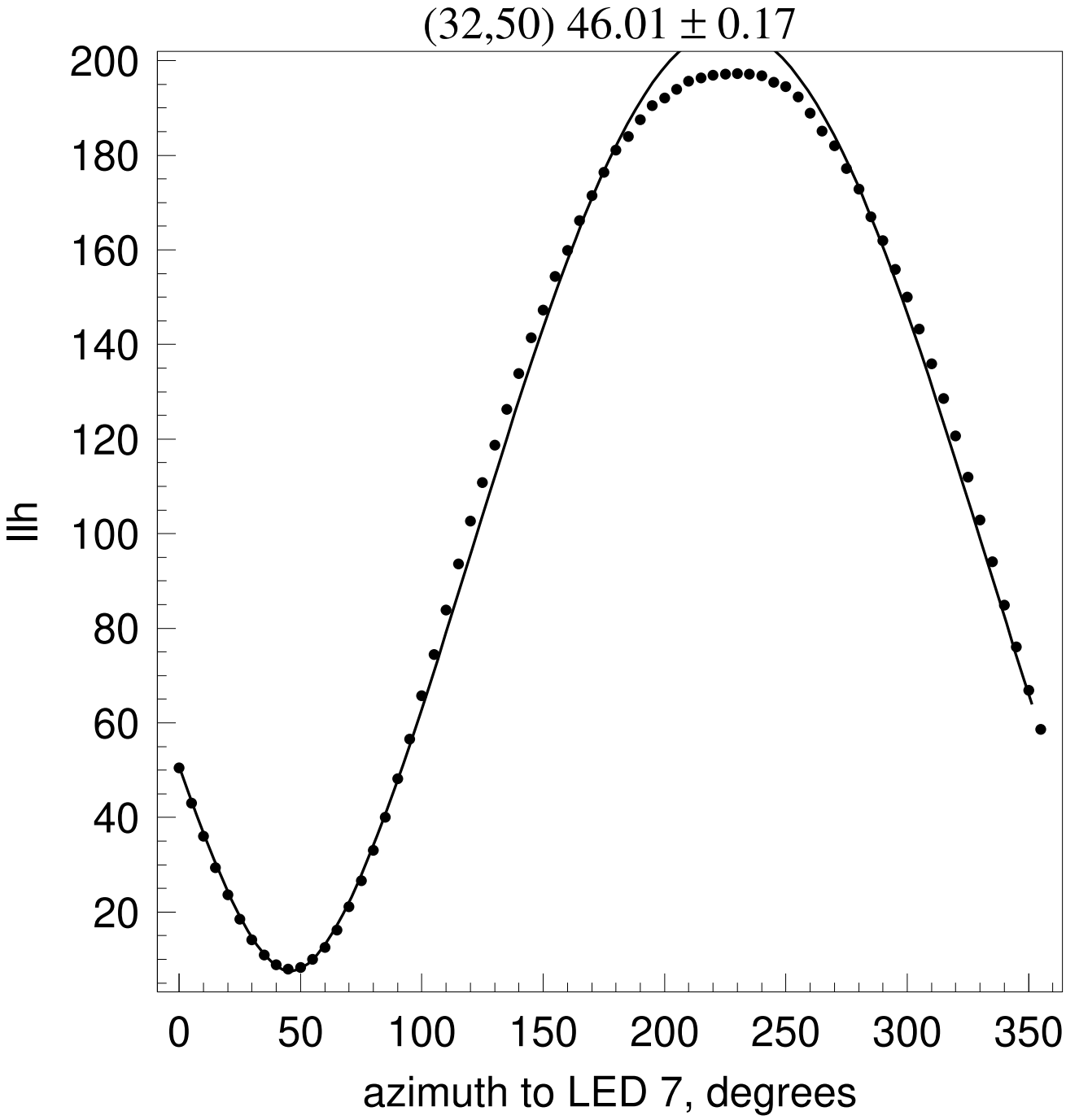

(32,45) 83.25 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

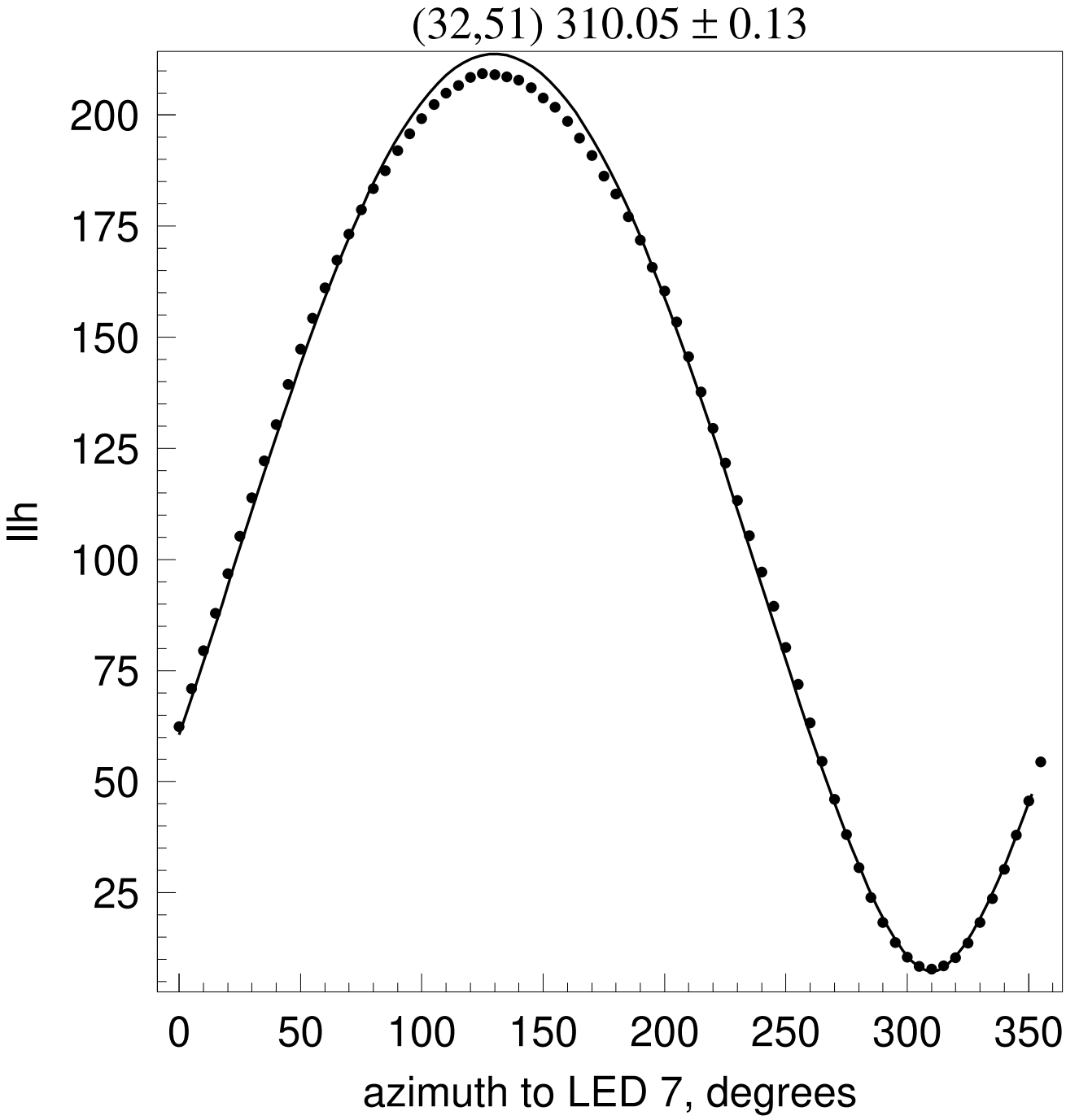

(32,46) 128.32 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

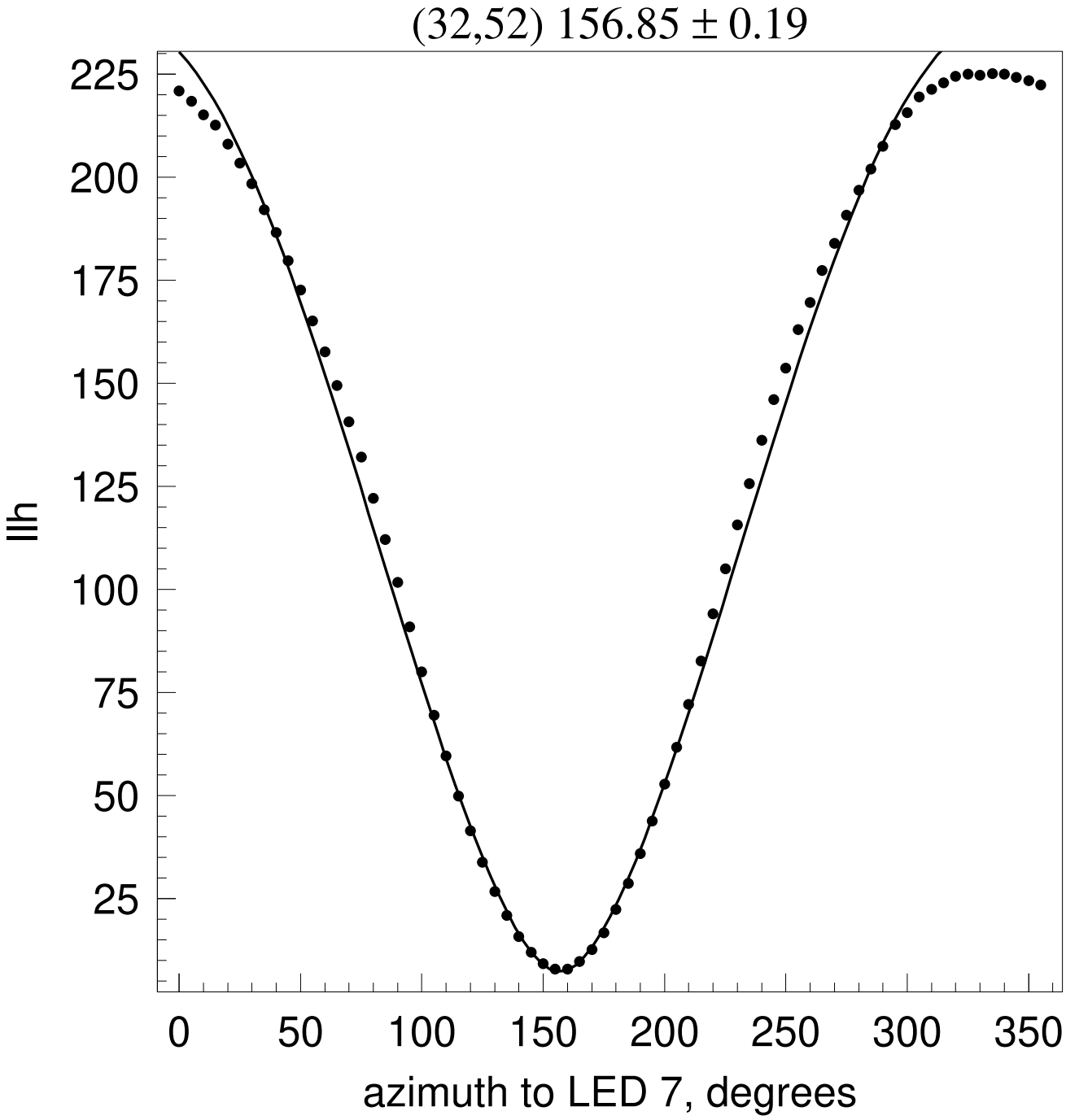

(32,47) 266.29 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

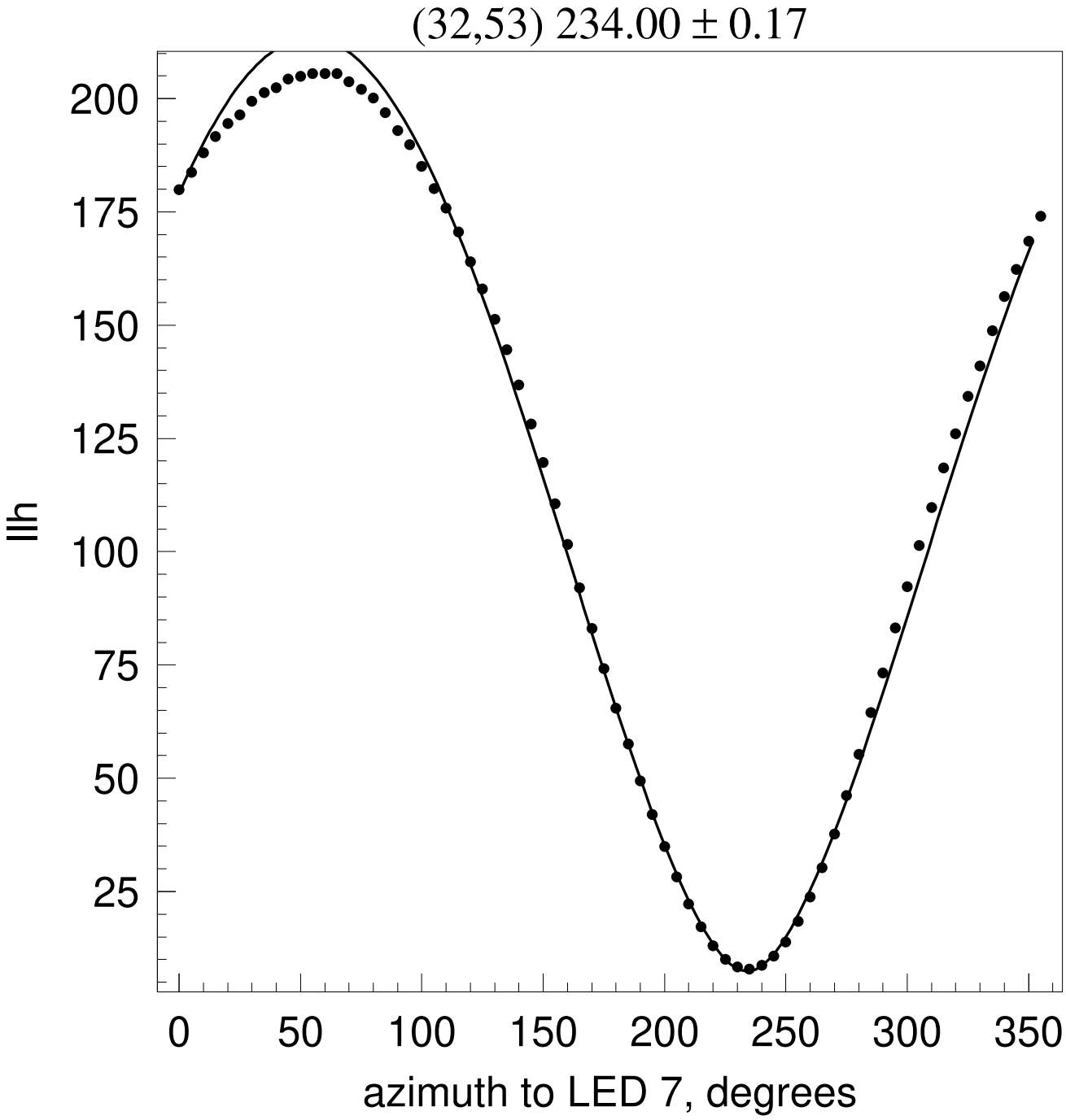

(32,48) 233.82 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

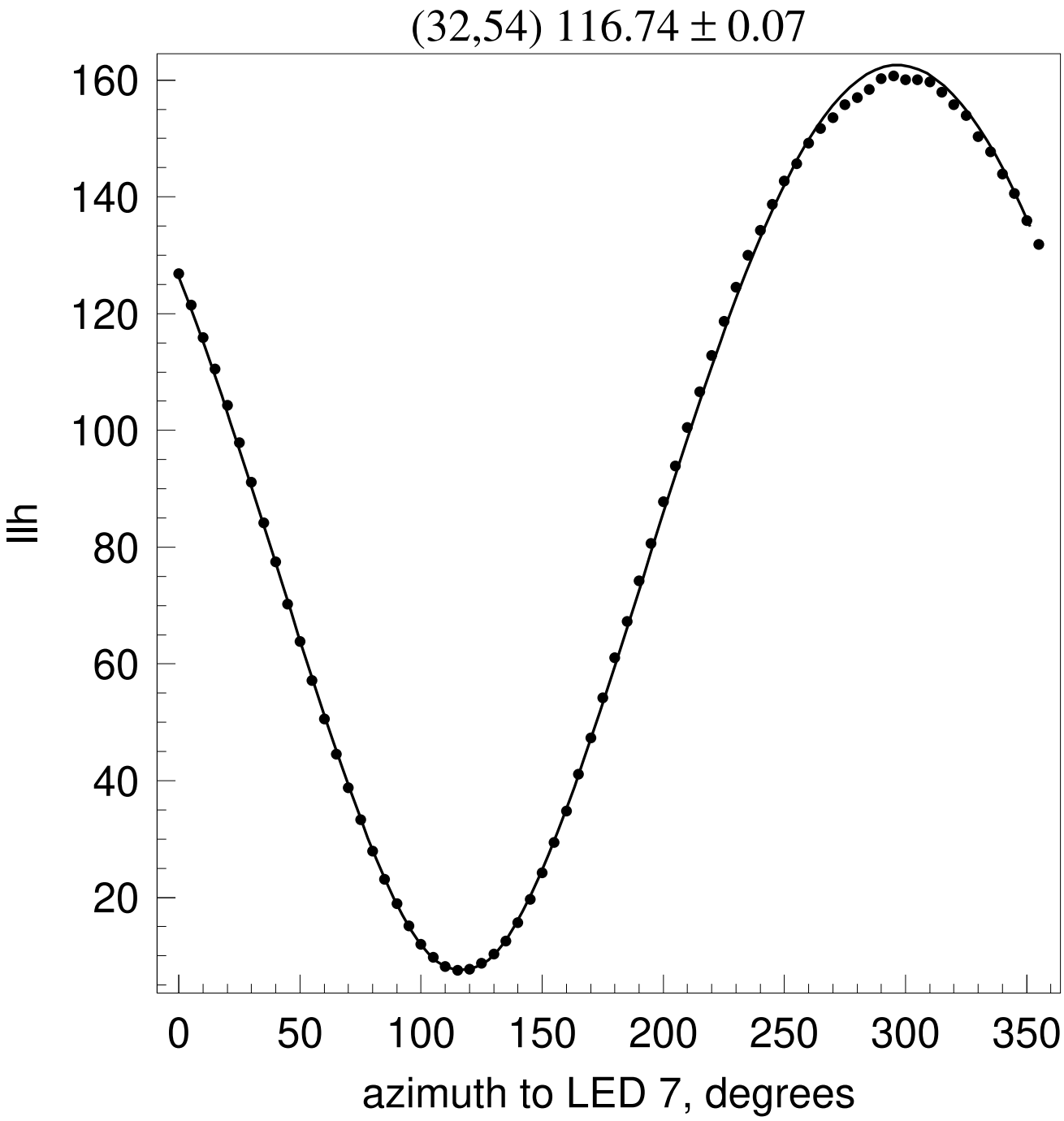

(32,49) 167.41 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

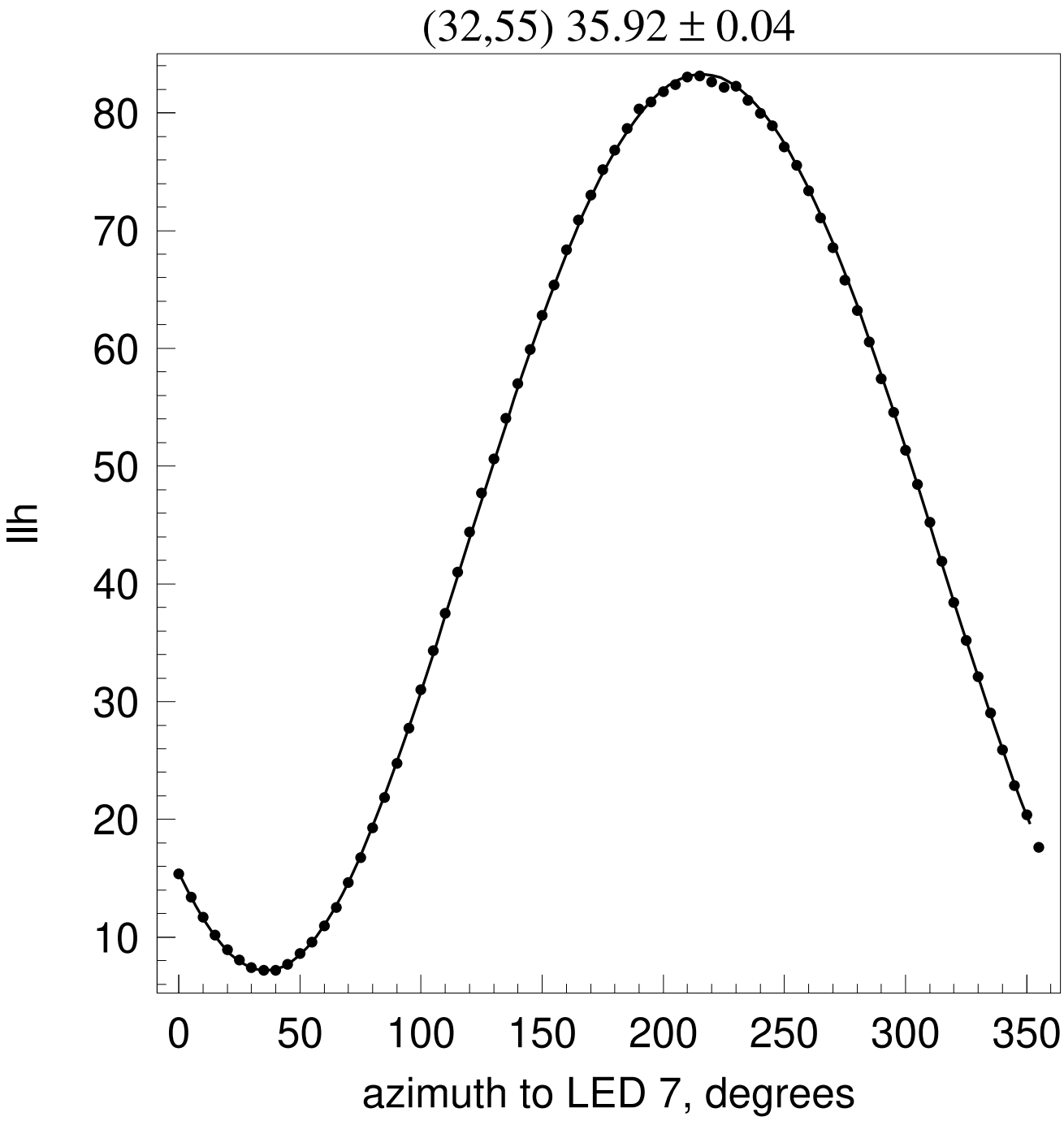

(32,50) 46.01 ± 0.17
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

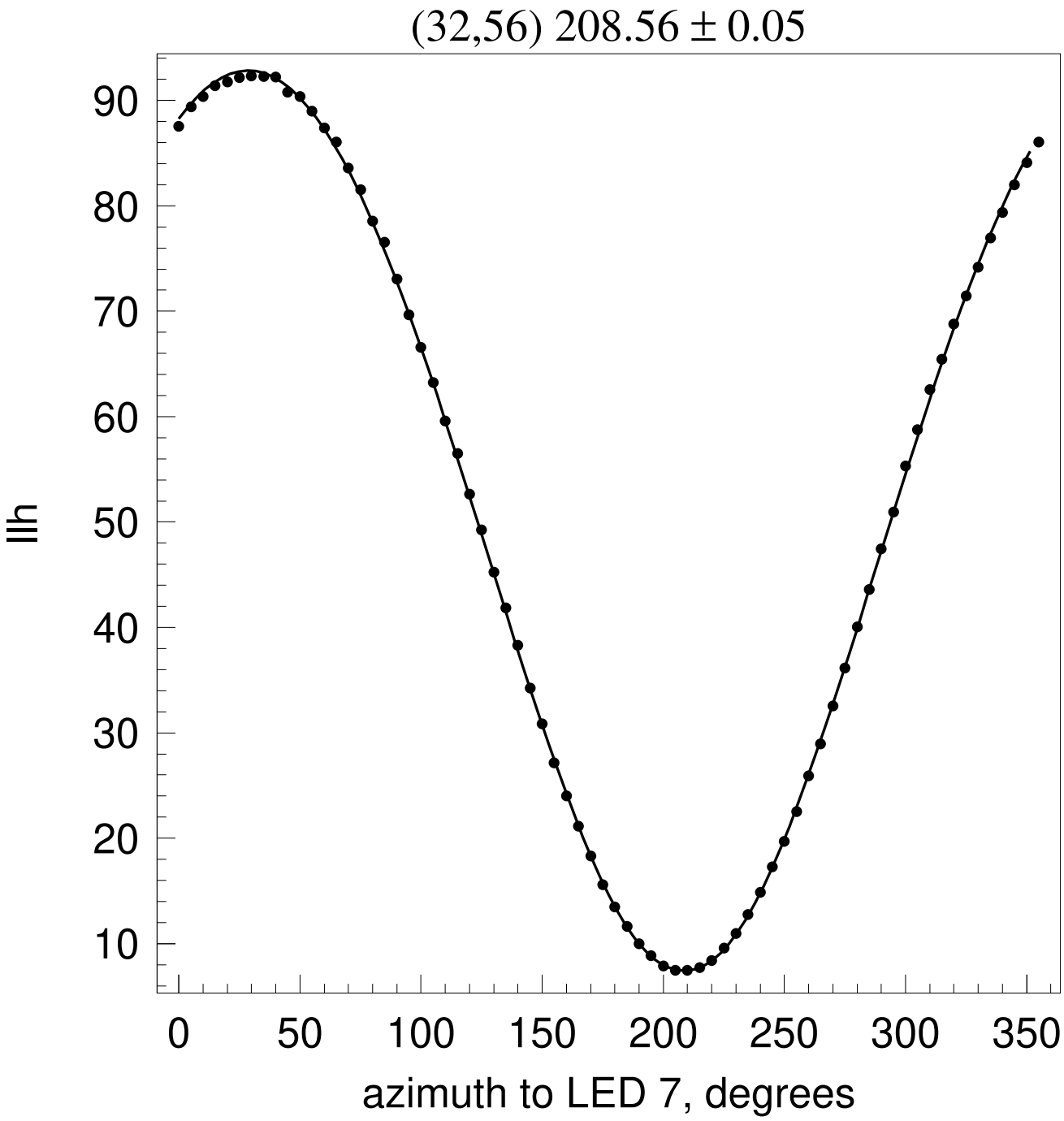

(32,51) 310.05 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

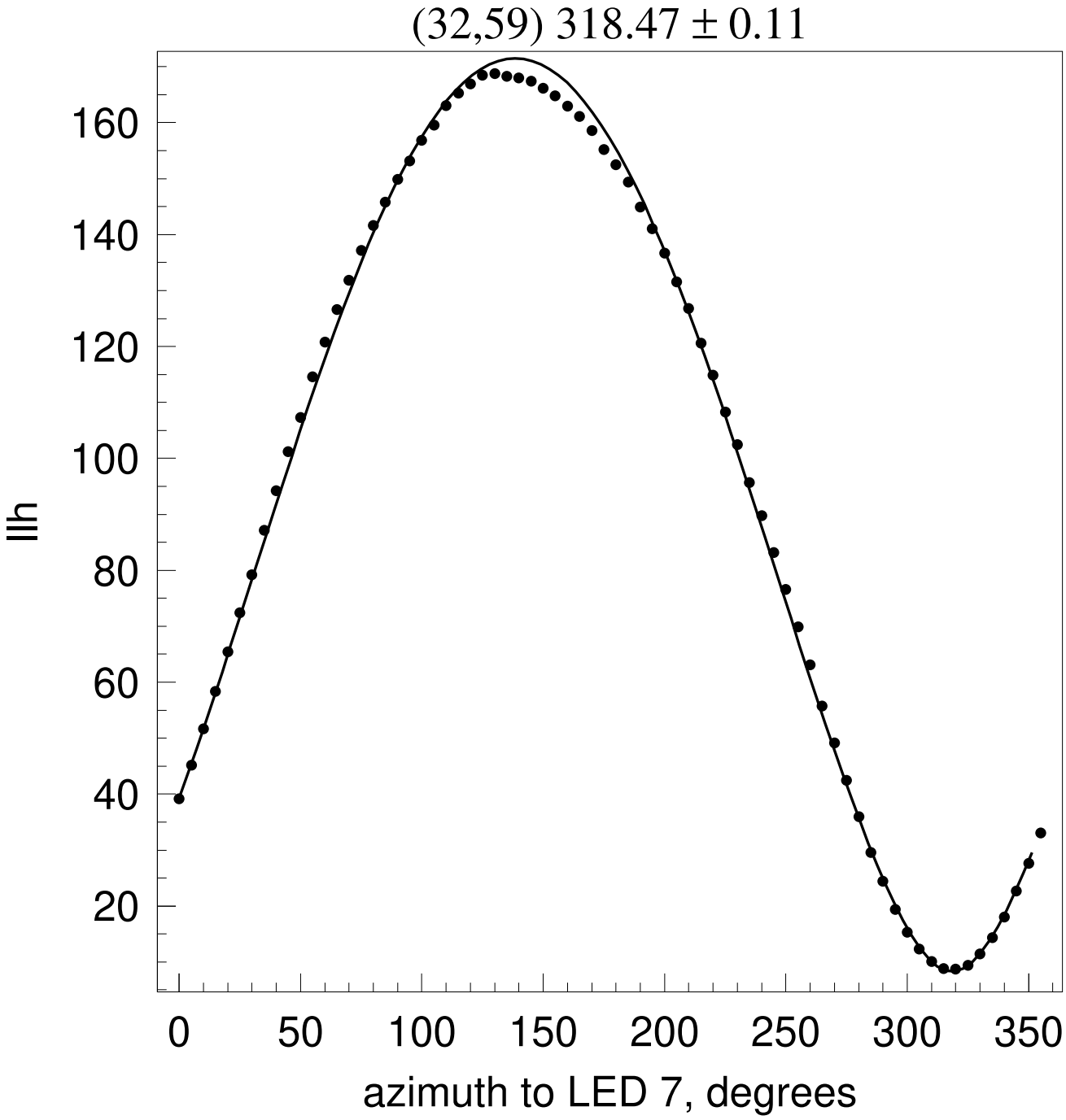

(32,52) 156.85 ± 0.19
225
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

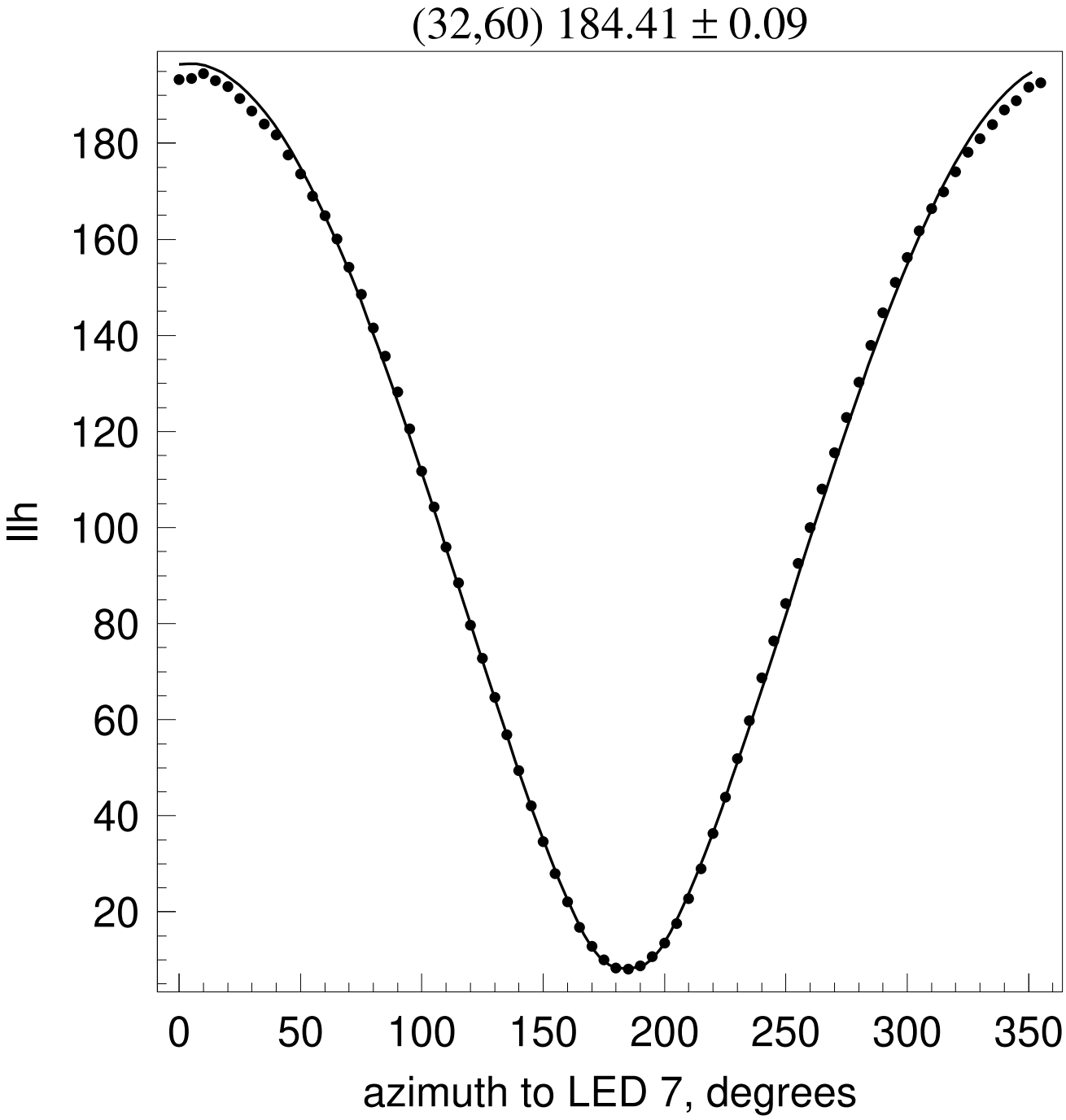

(32,53) 234.00 ± 0.17
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

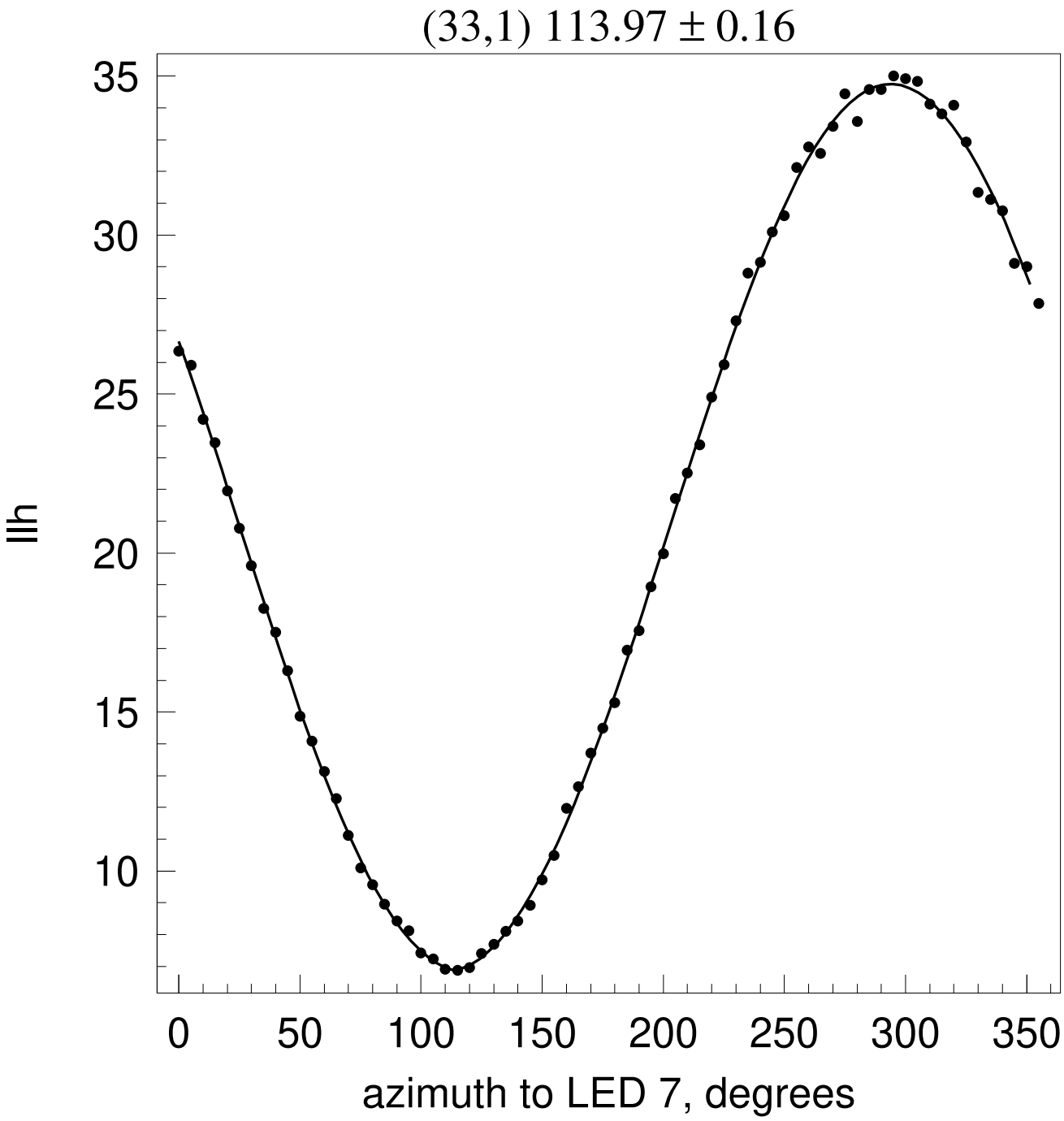

(32,54) 116.74 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

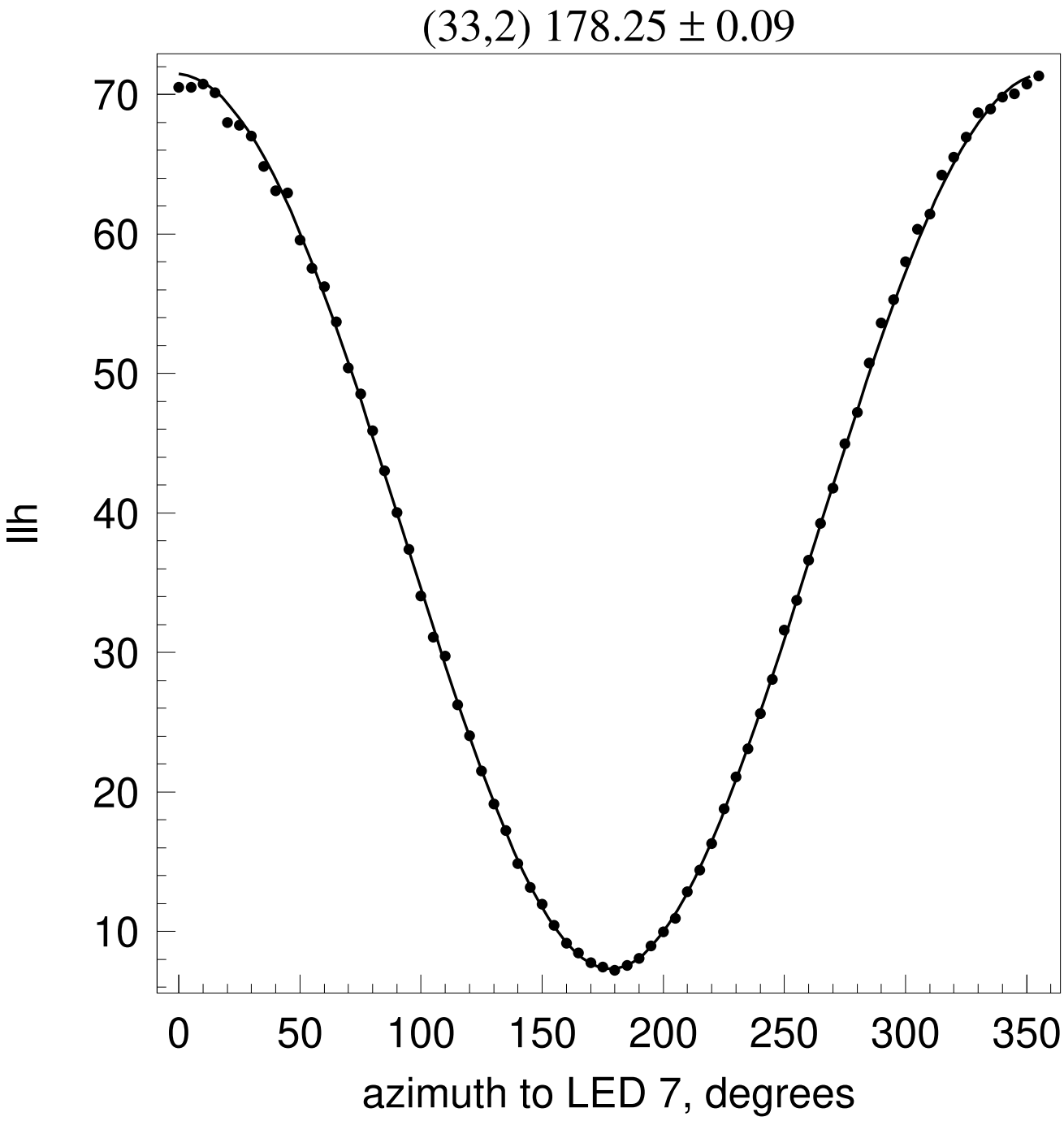

(32,55) 35.92 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

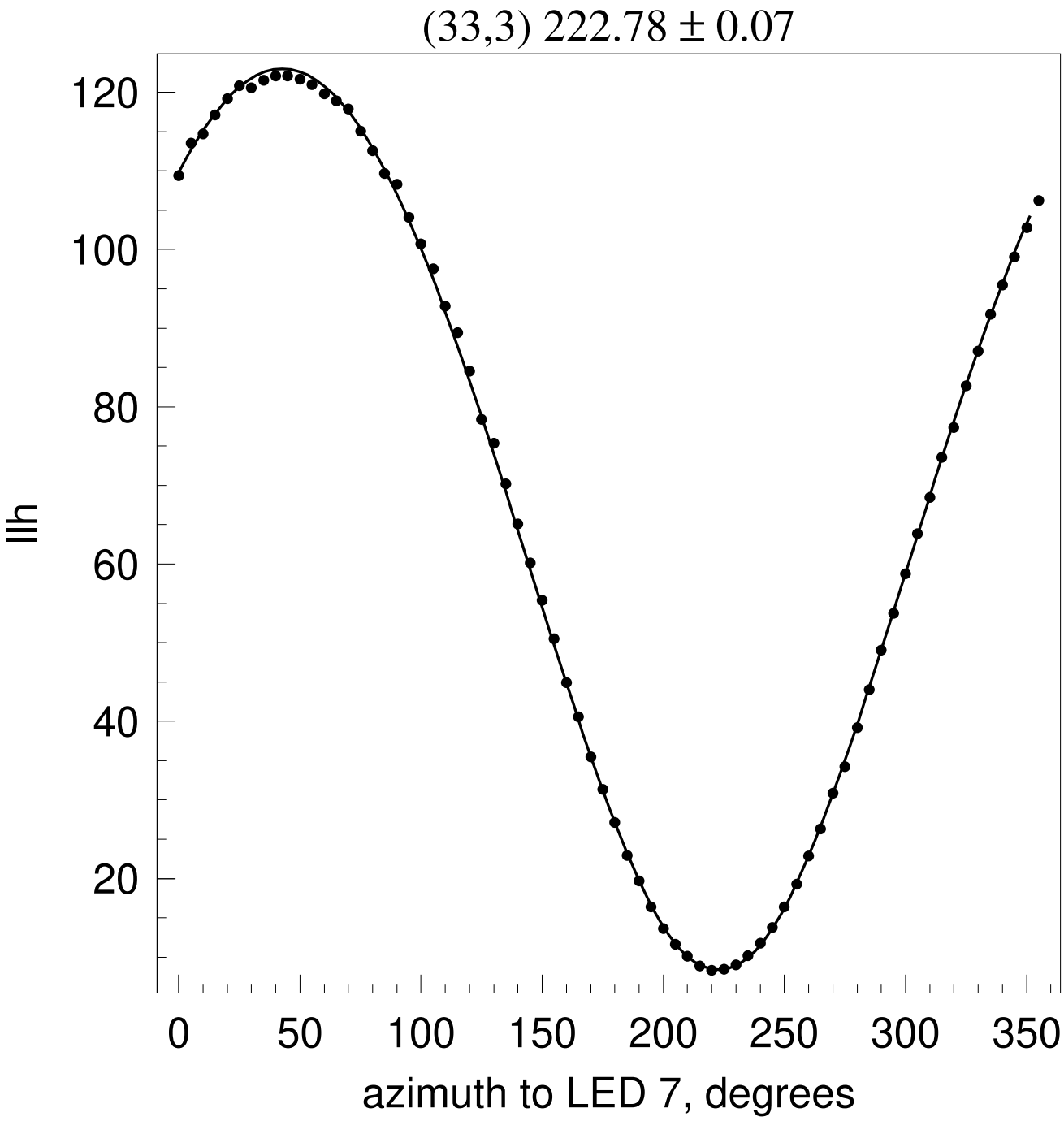

(32,56) 208.56 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

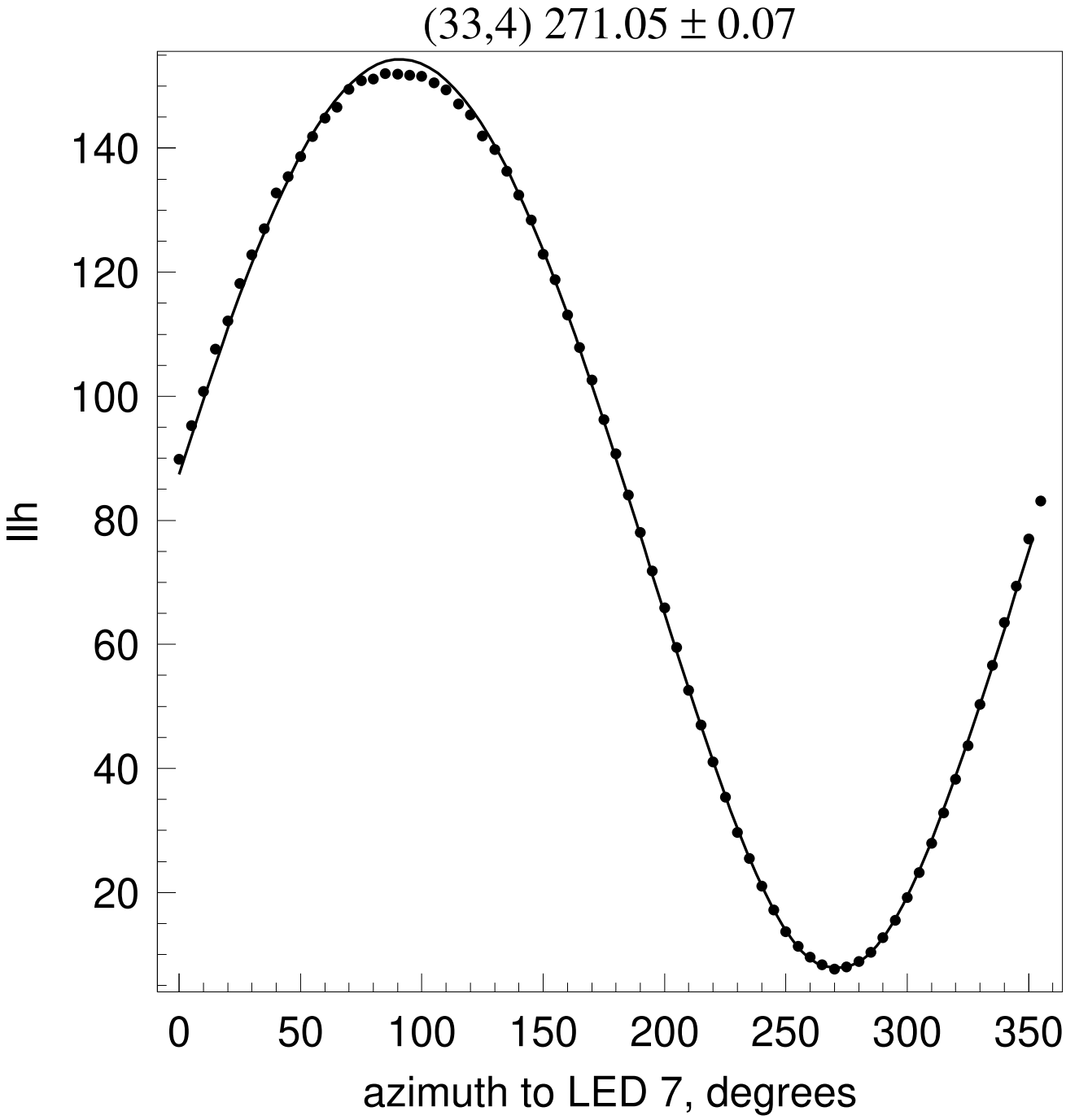

(32,59) 318.47 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

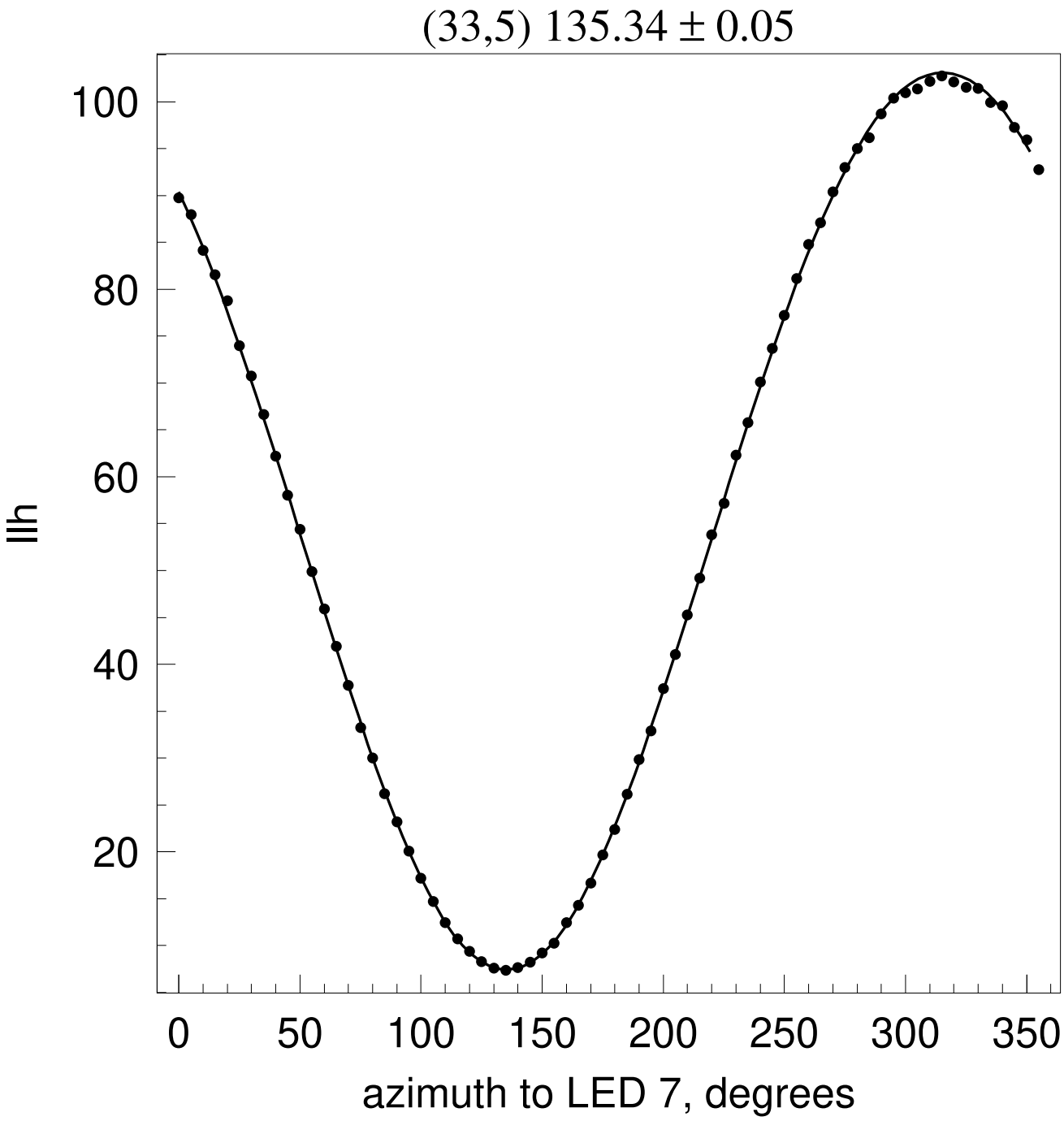

(32,60) 184.41 ± 0.09
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

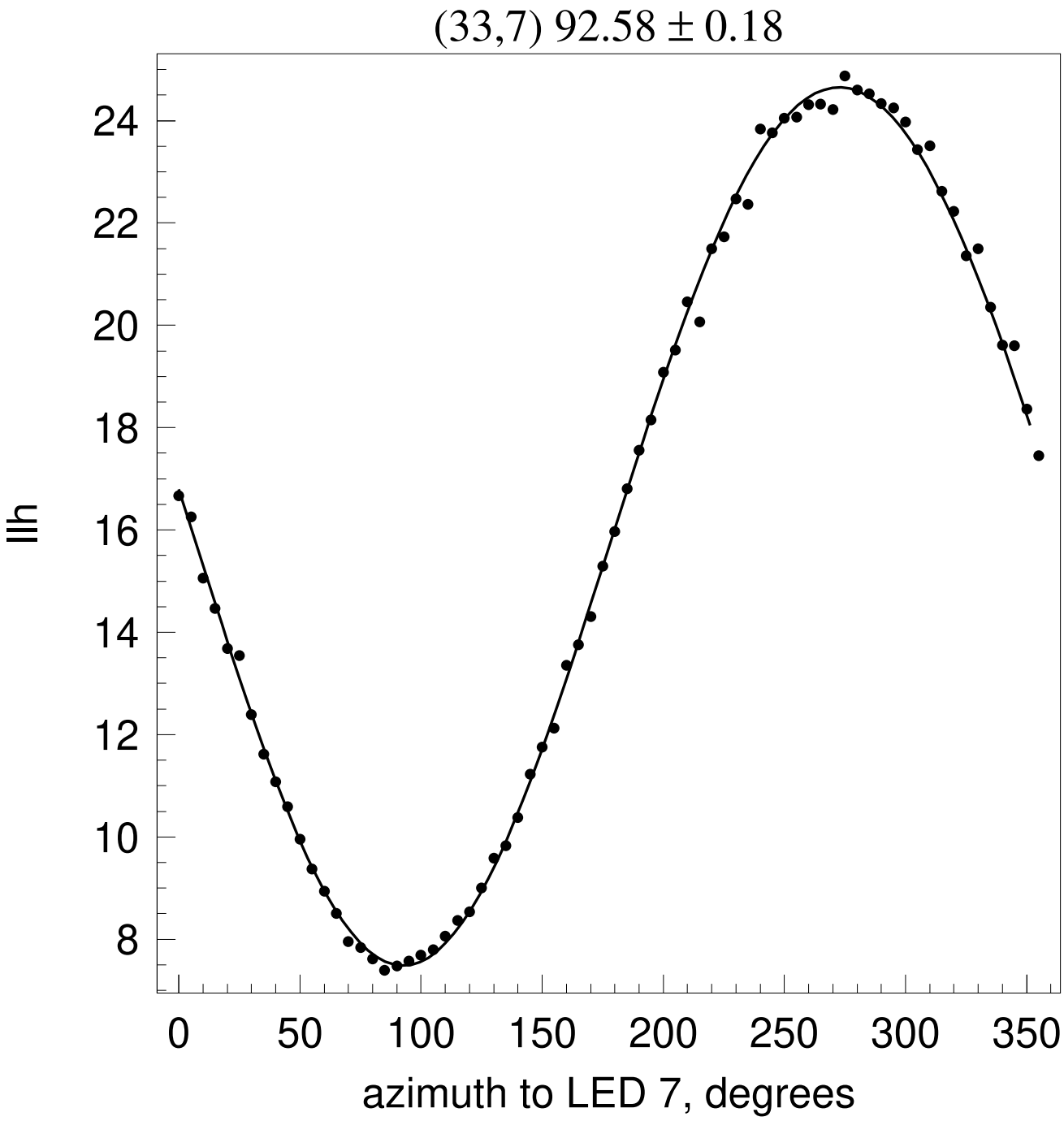

(33,1) 113.97 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

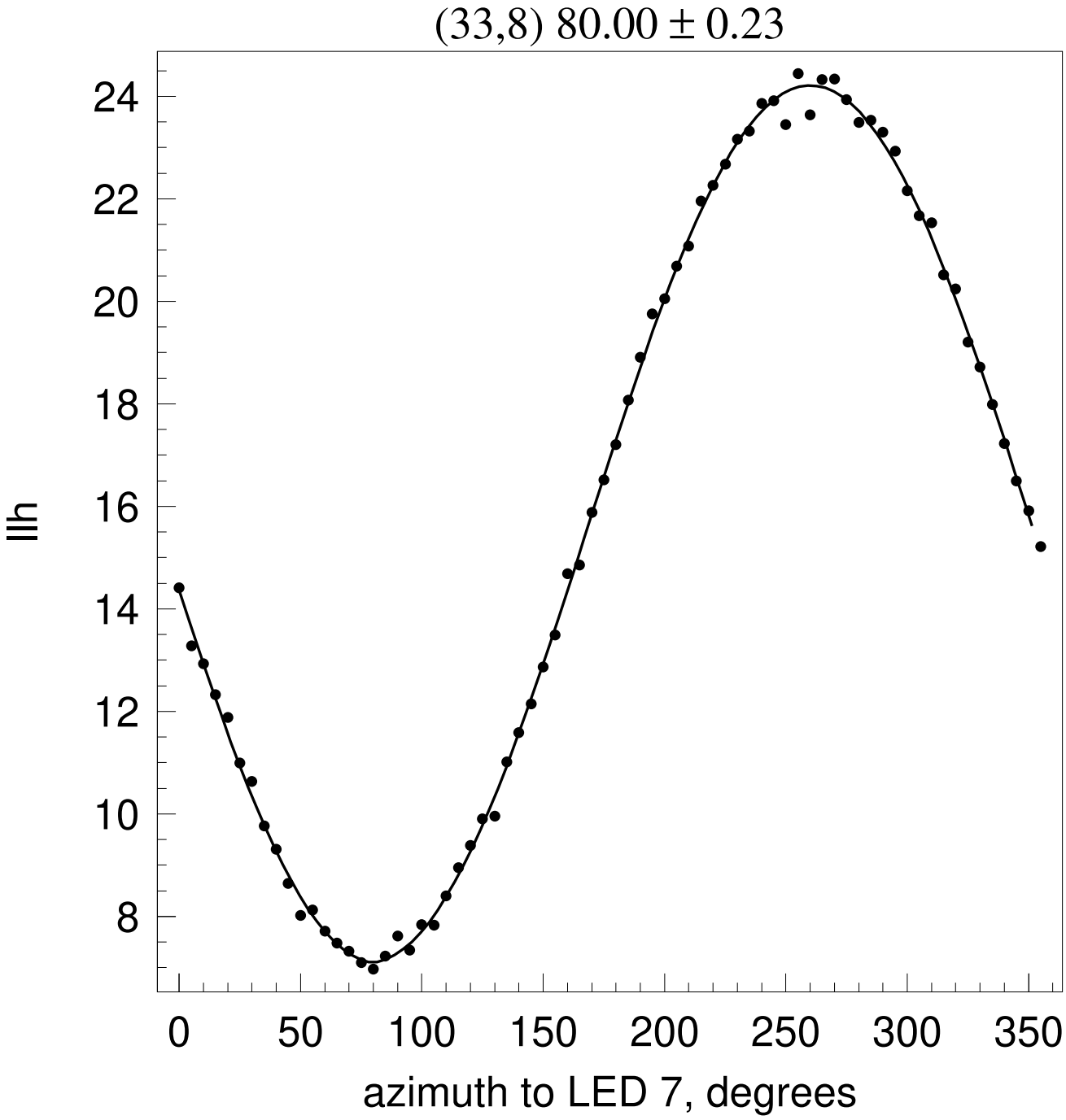

(33,2) 178.25 ± 0.09
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

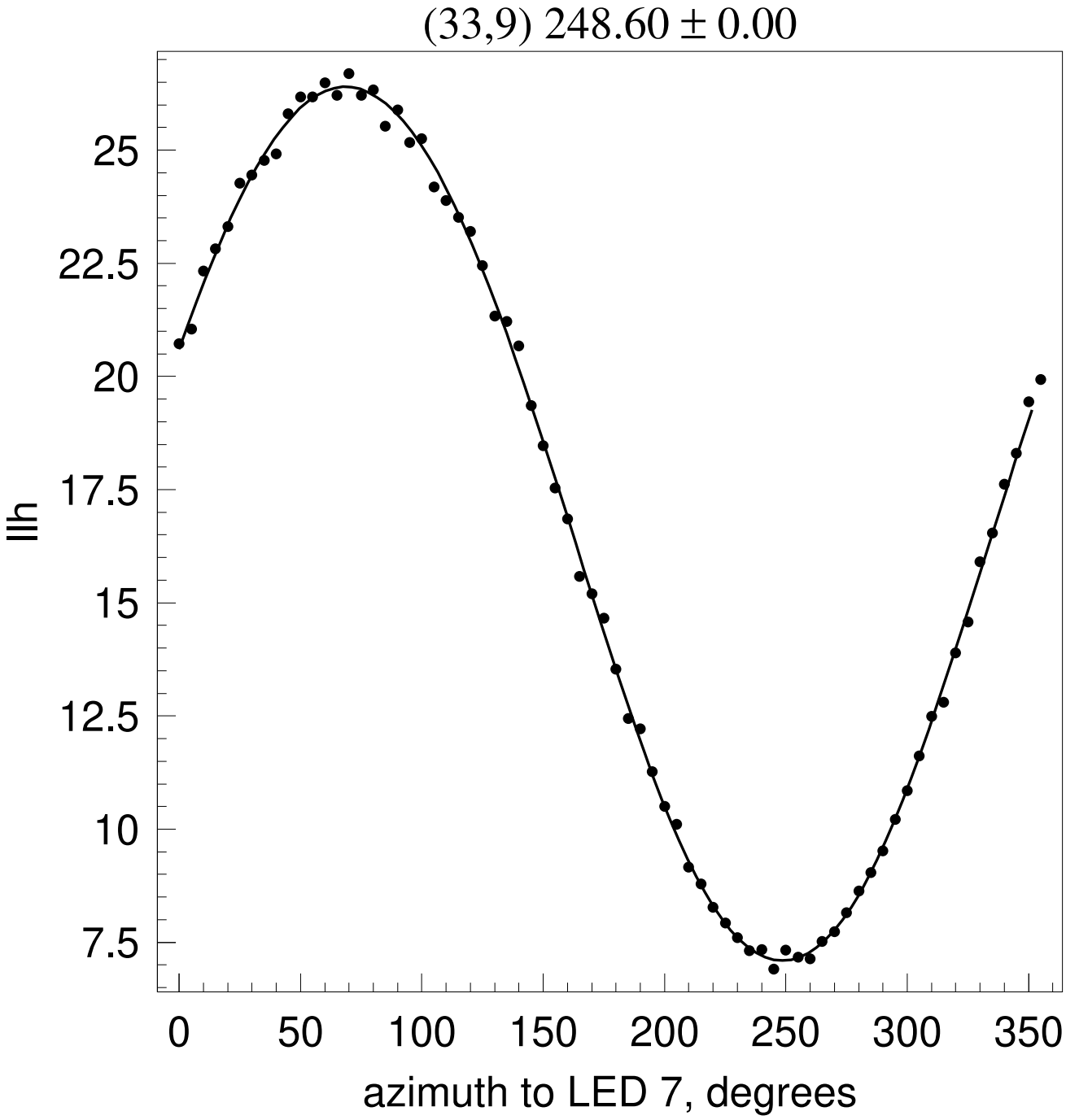

(33,3) 222.78 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

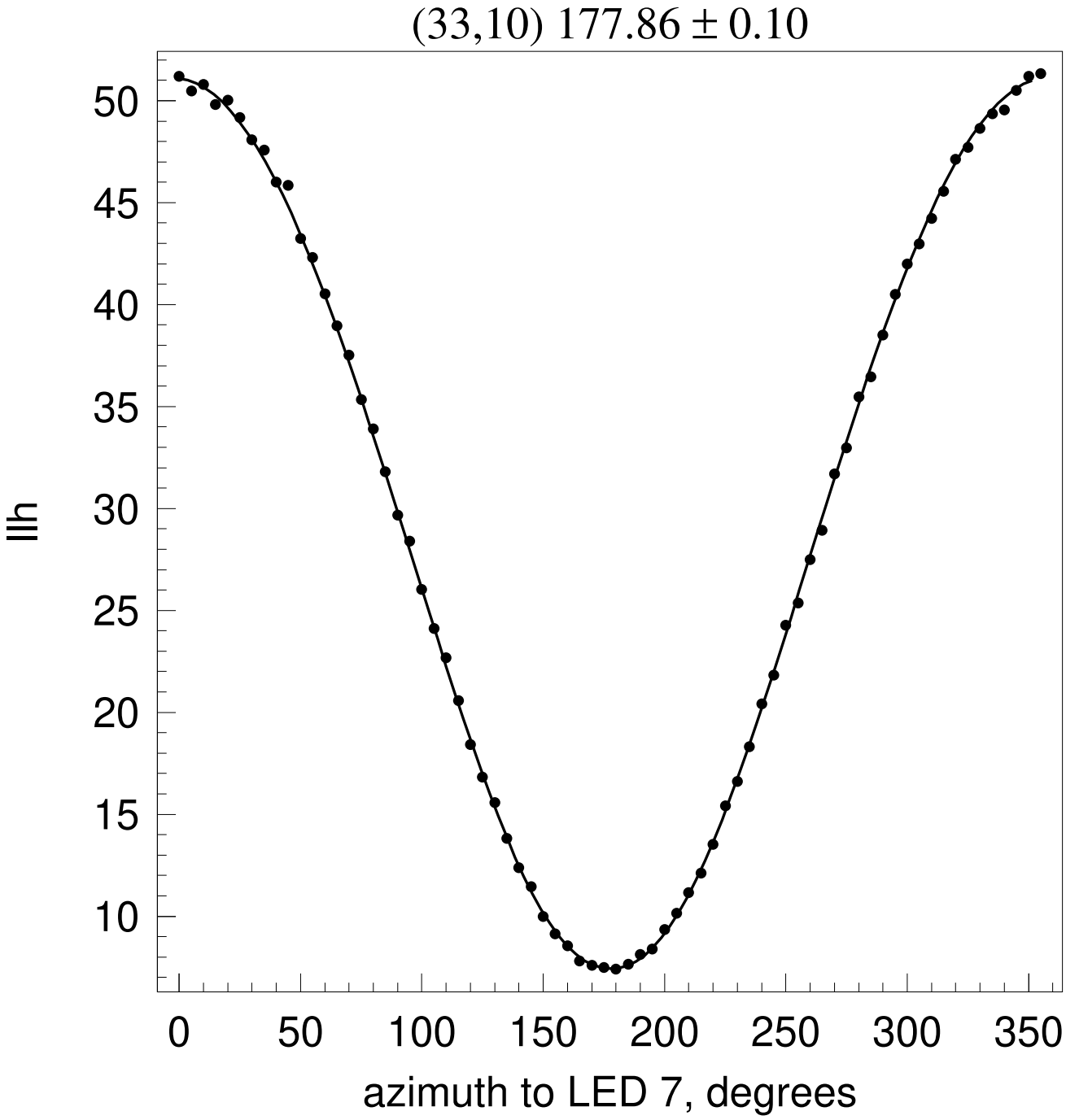

(33,4) 271.05 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

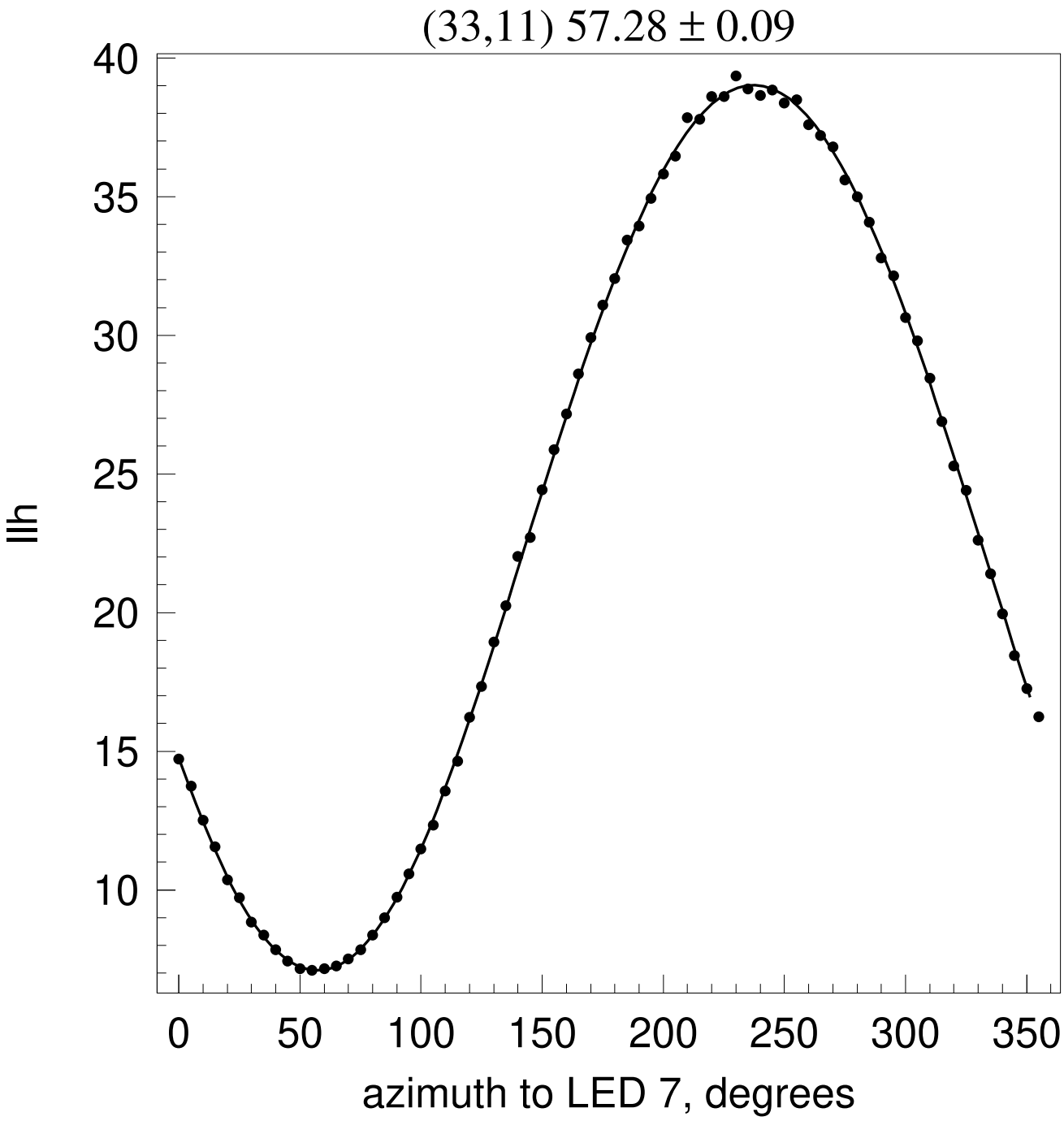

(33,5) 135.34 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

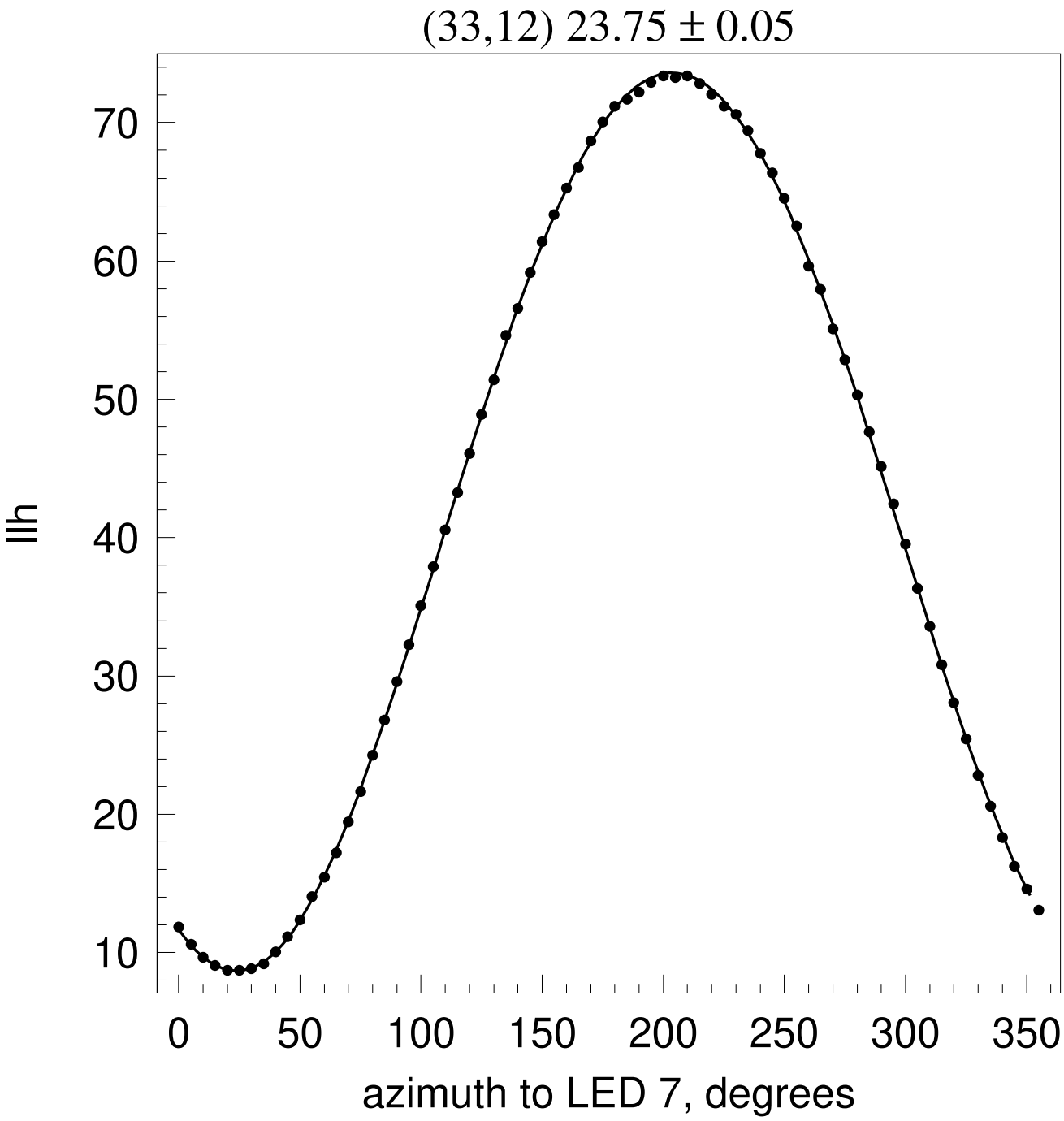

(33,7) 92.58 ± 0.18
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

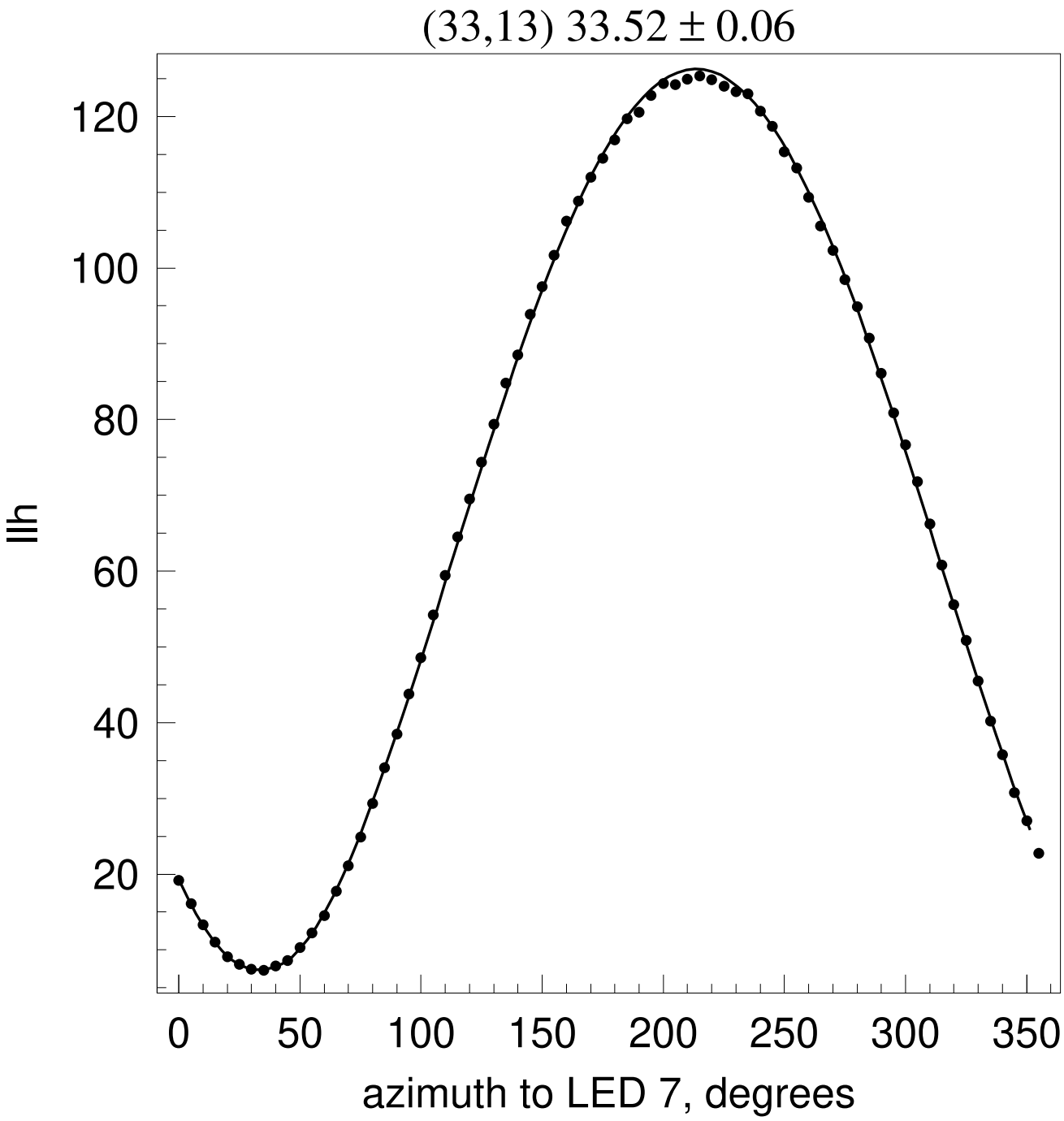

(33,8) 80.00 ± 0.23
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

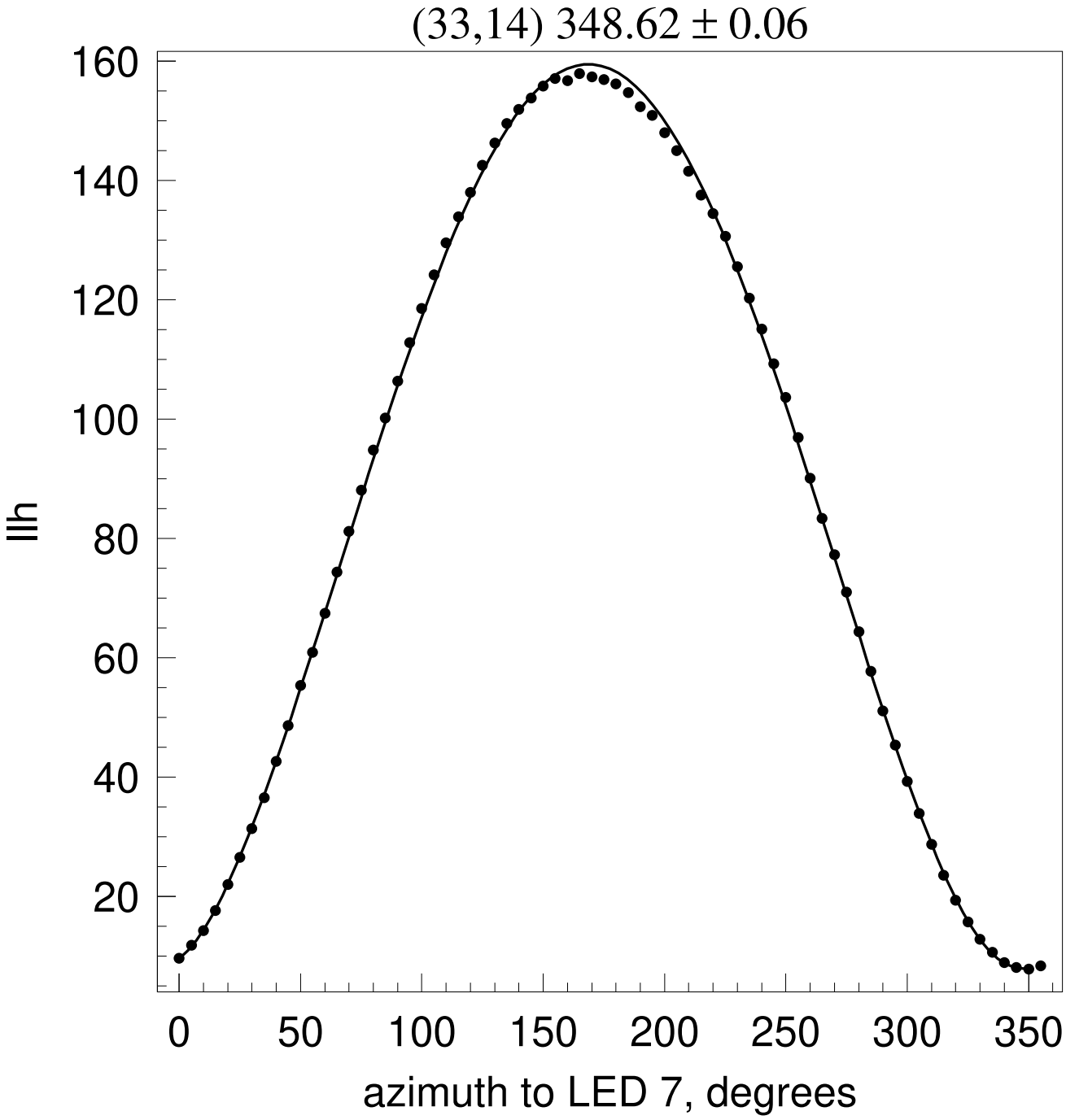

(33,9) 248.60 ± 0.00
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

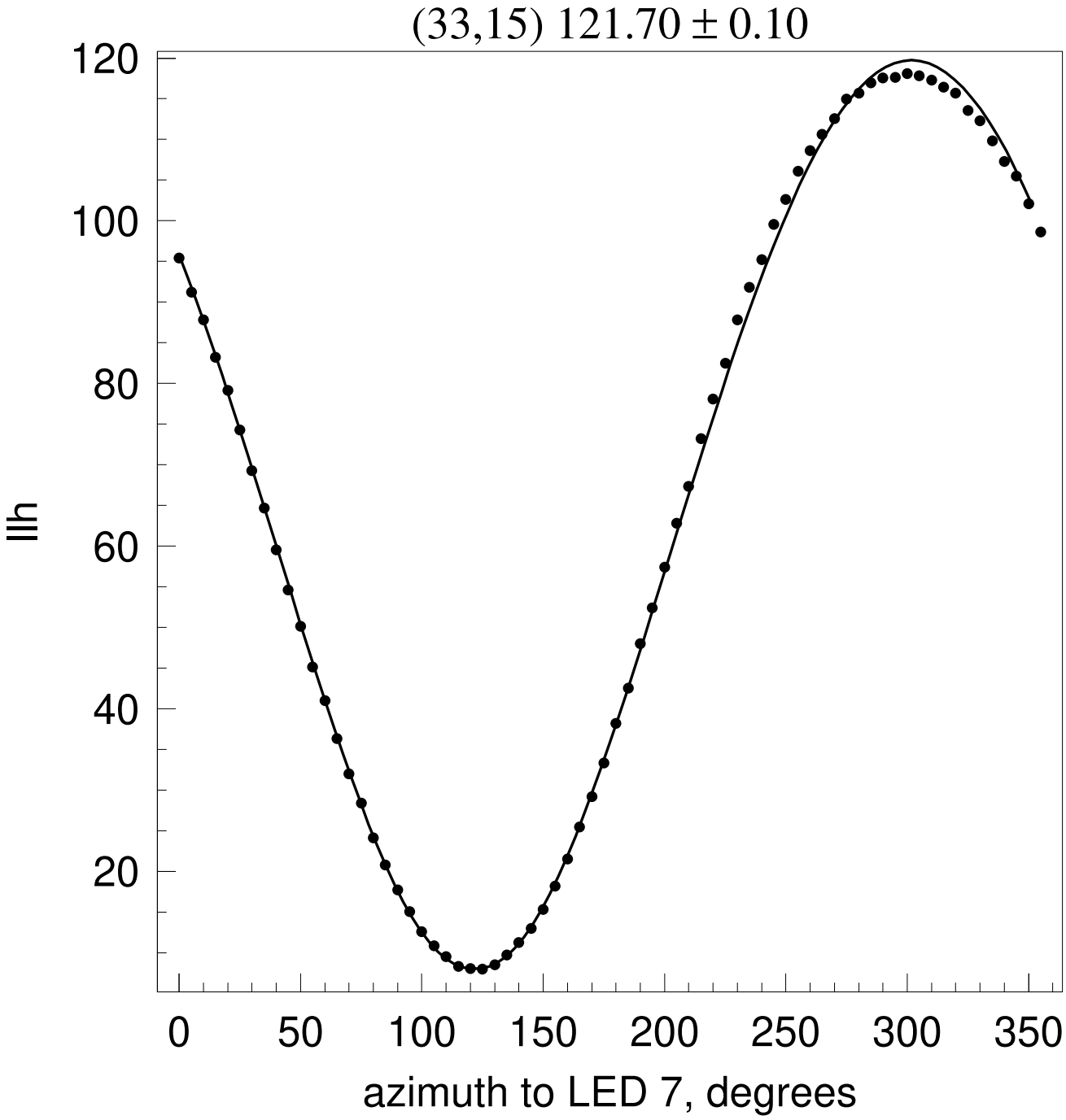

(33,10) 177.86 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

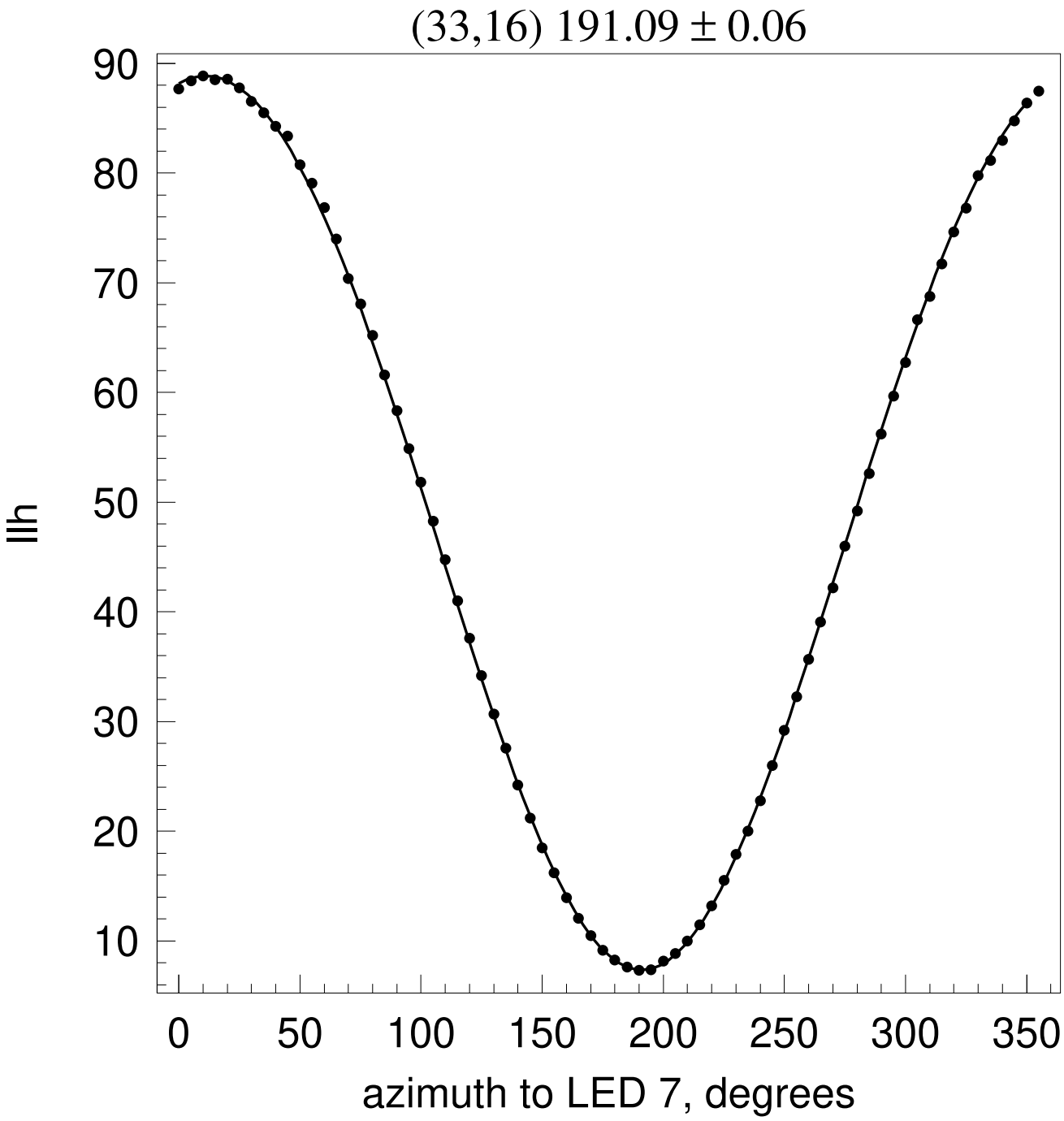

(33,11) 57.28 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

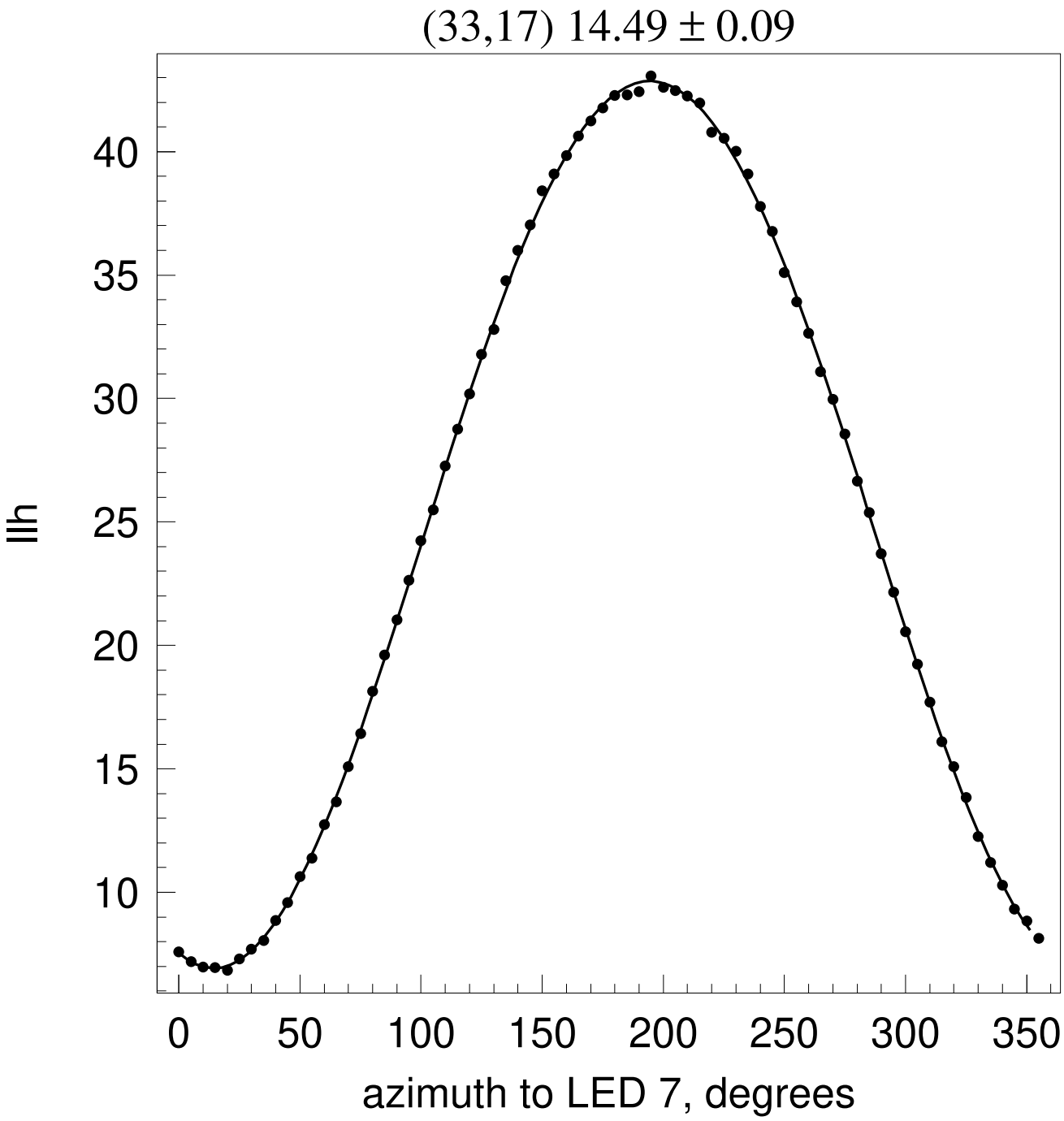

(33,12) 23.75 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

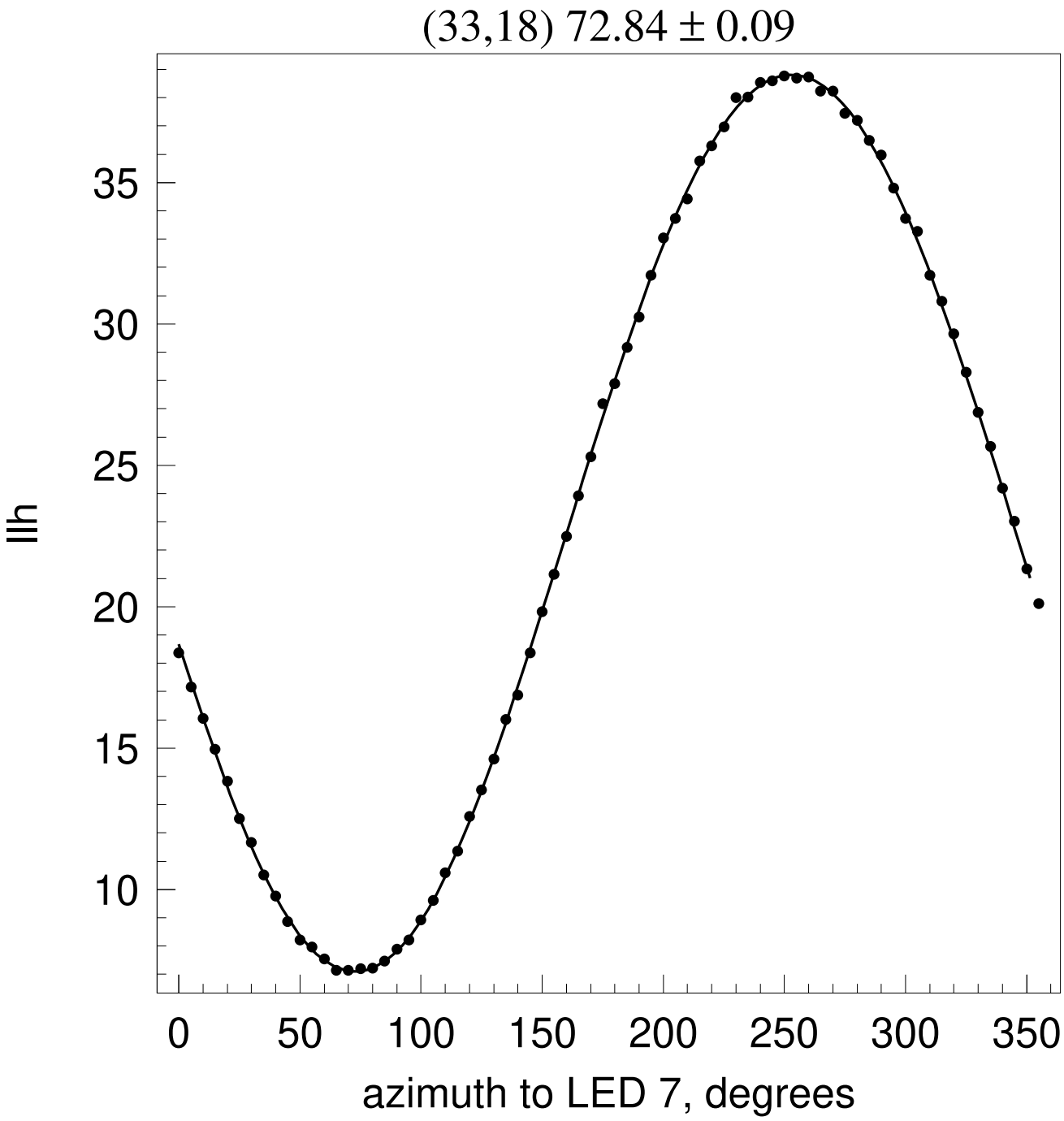

(33,13) 33.52 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

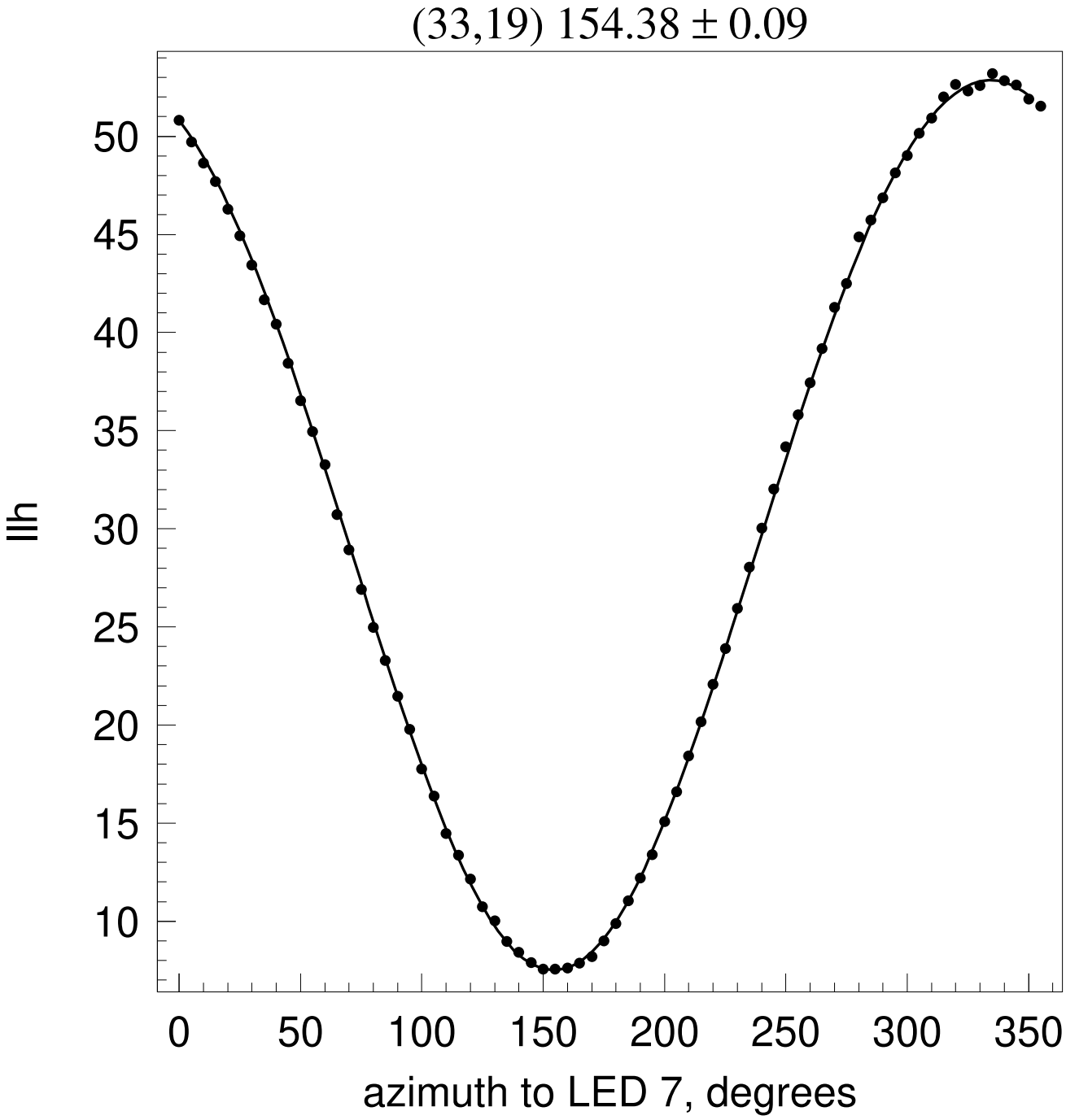

(33,14) 348.62 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

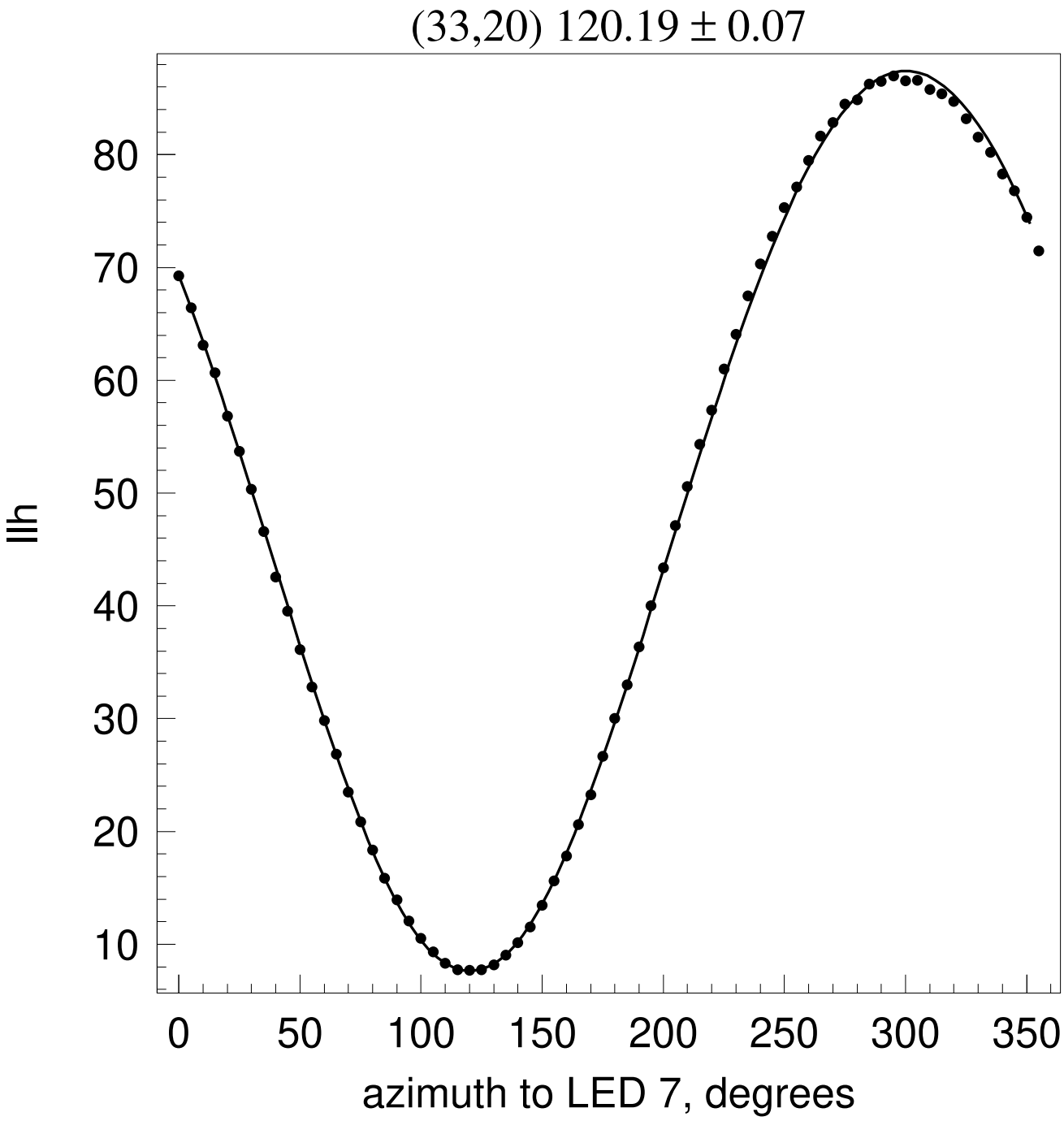

(33,15) 121.70 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

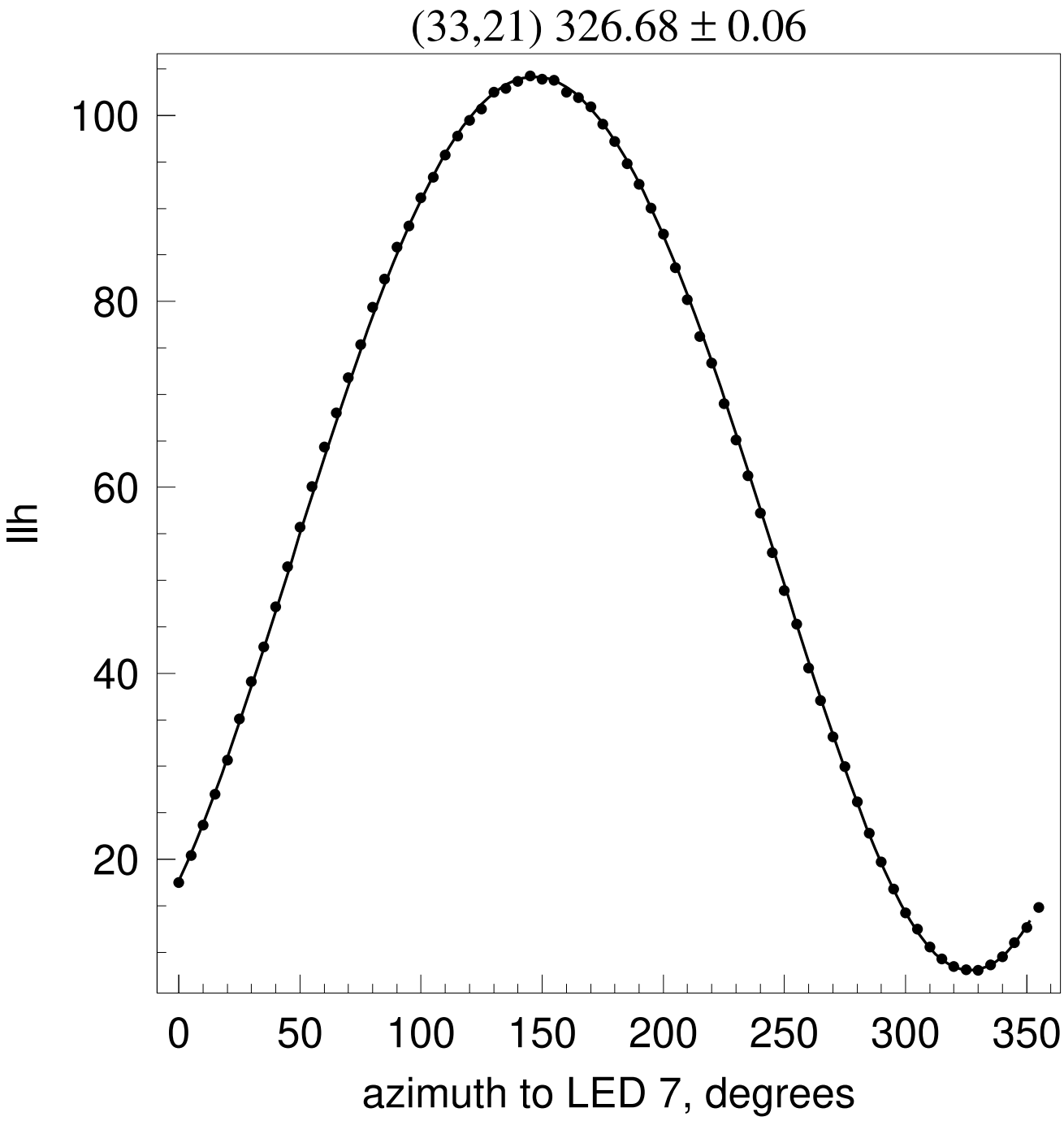

(33,16) 191.09 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

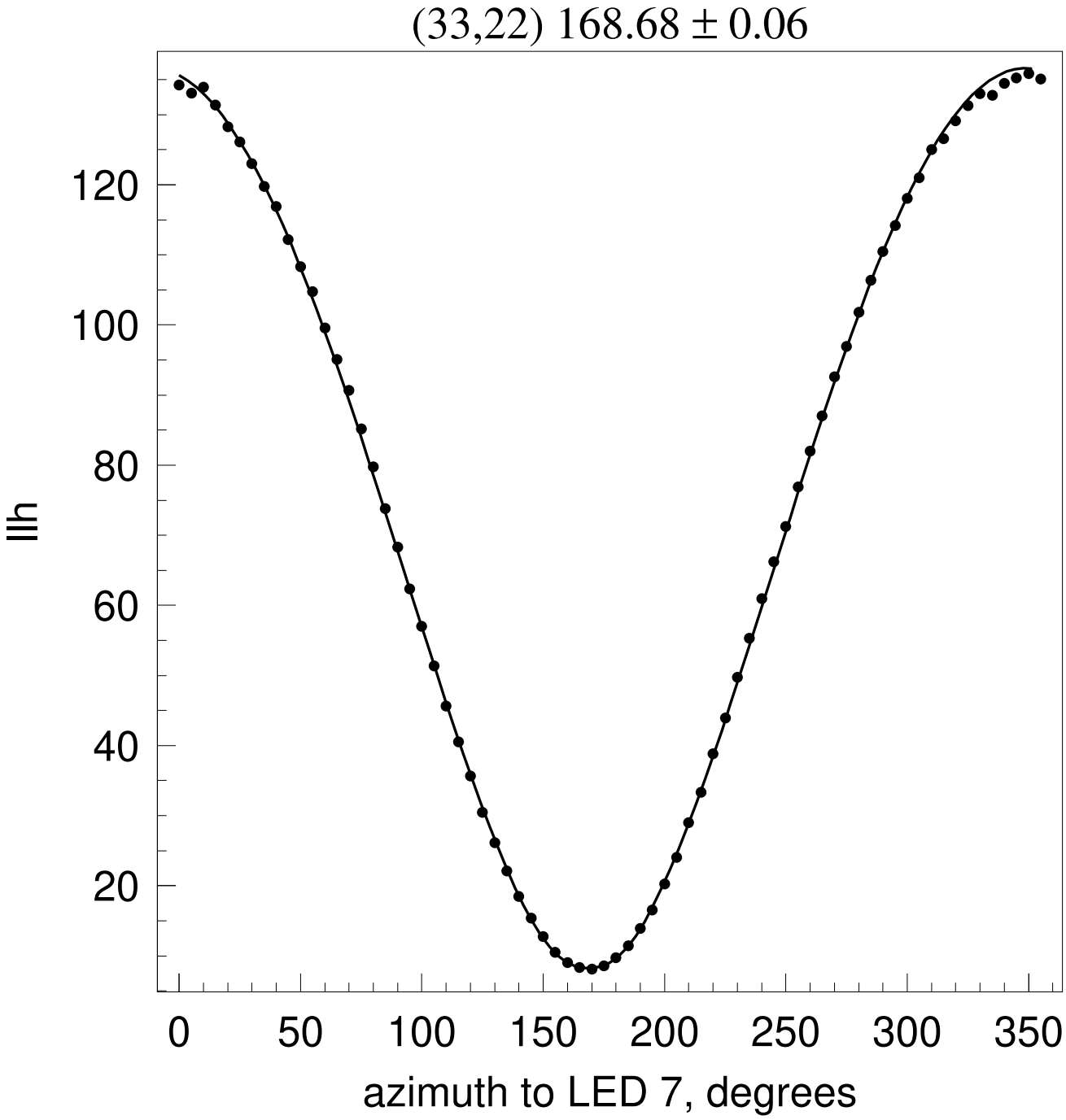

(33,17) 14.49 ± 0.09
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

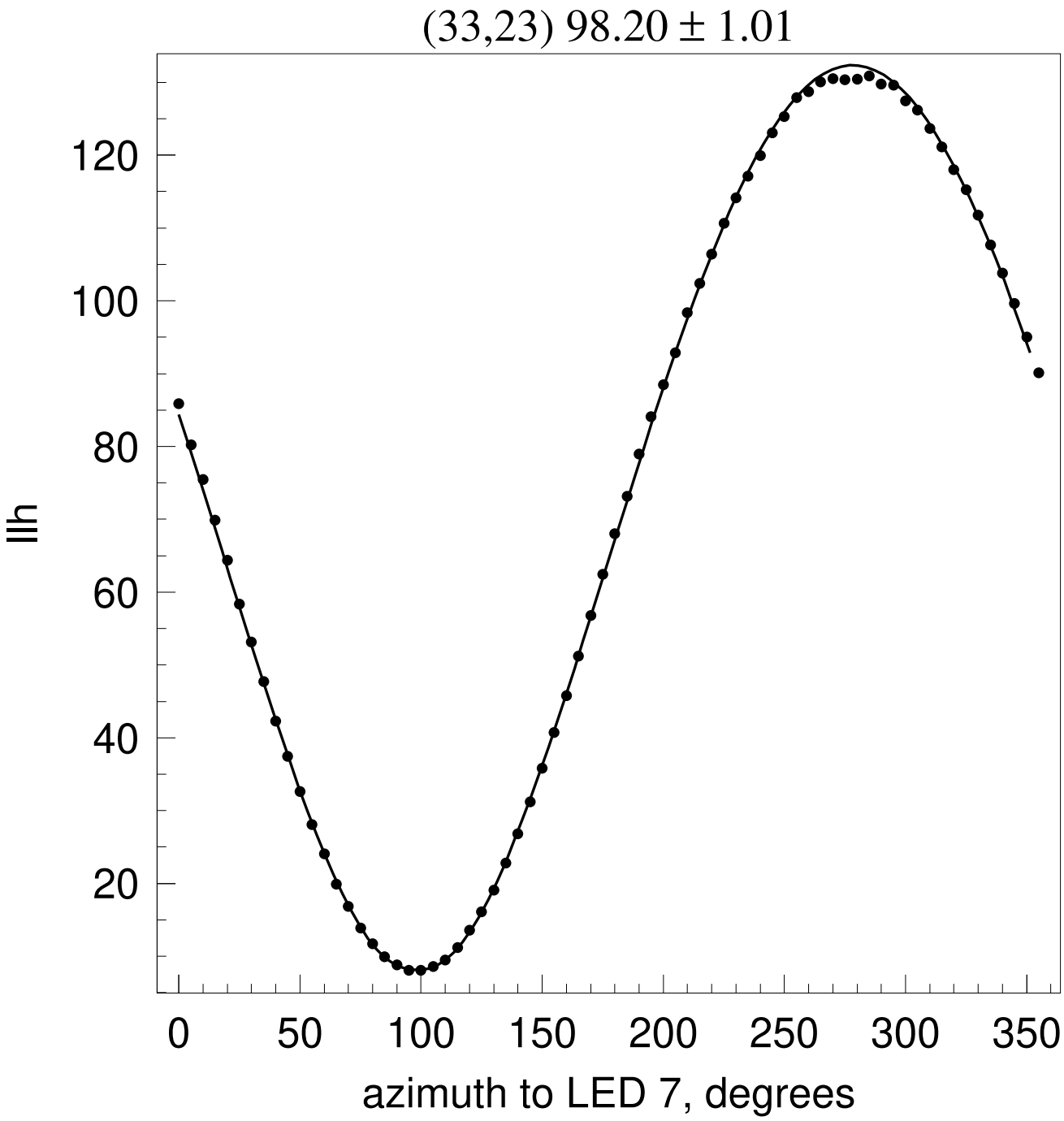

(33,18) 72.84 ± 0.09
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

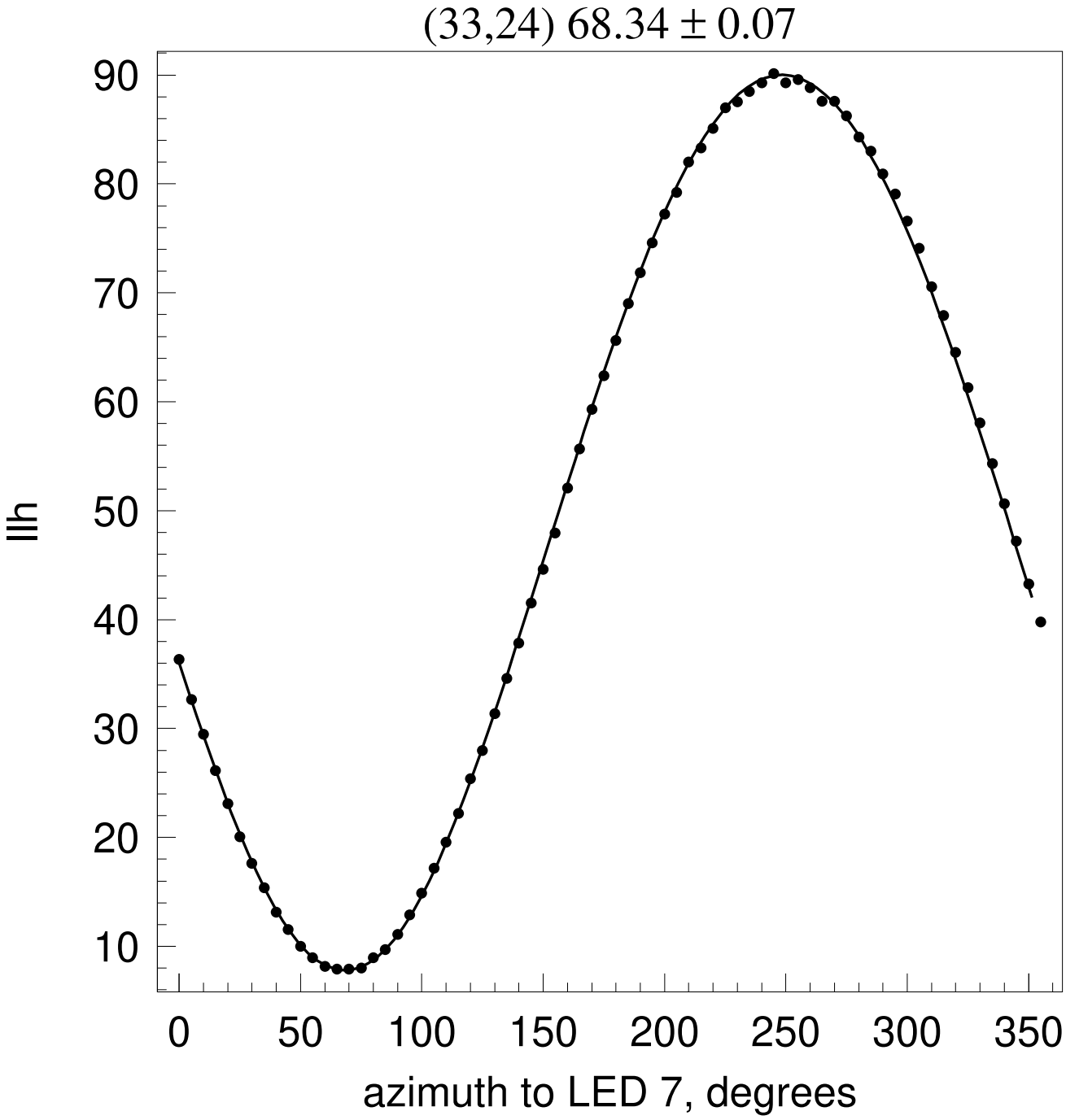

(33,19) 154.38 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

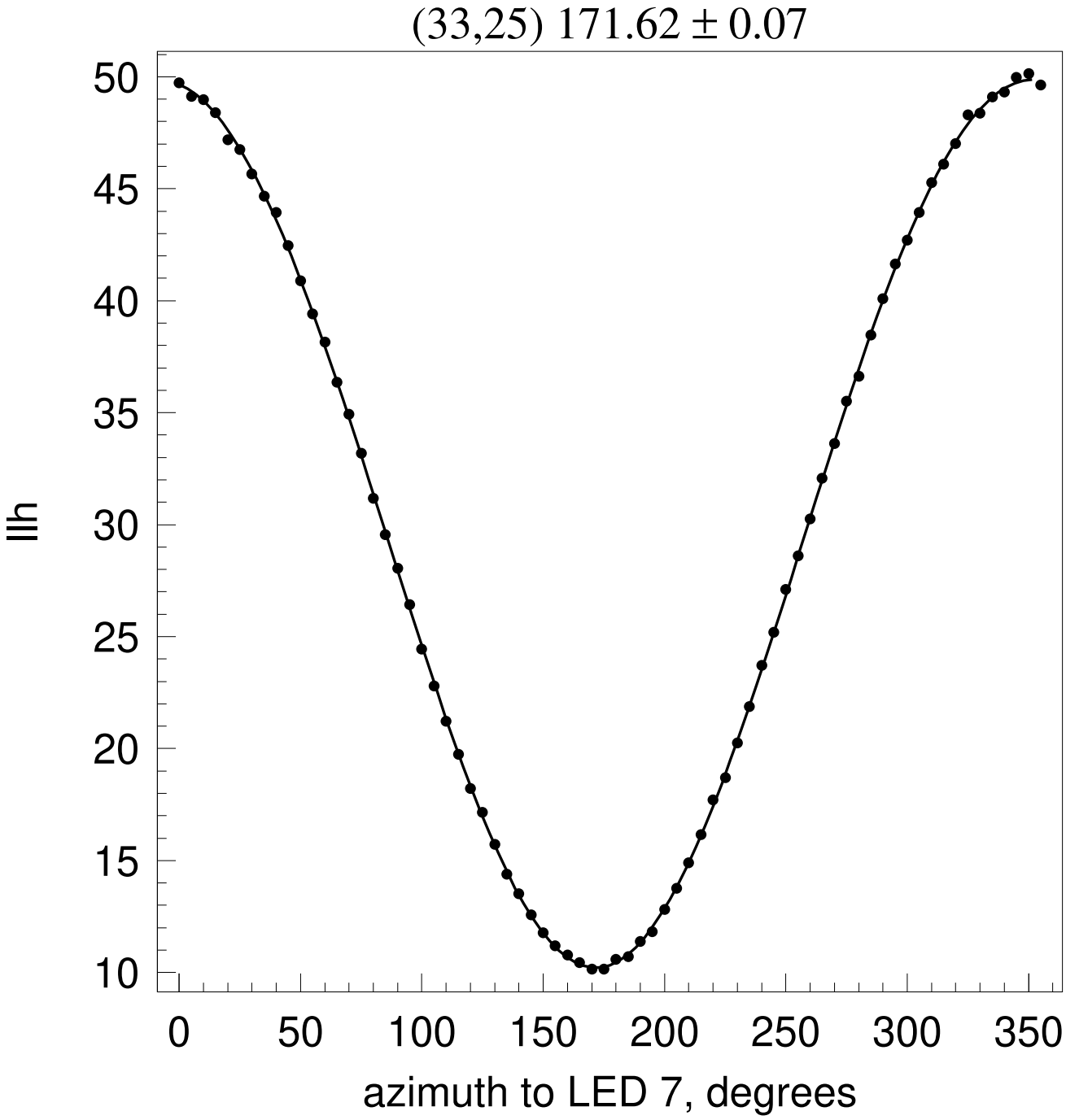

(33,20) 120.19 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

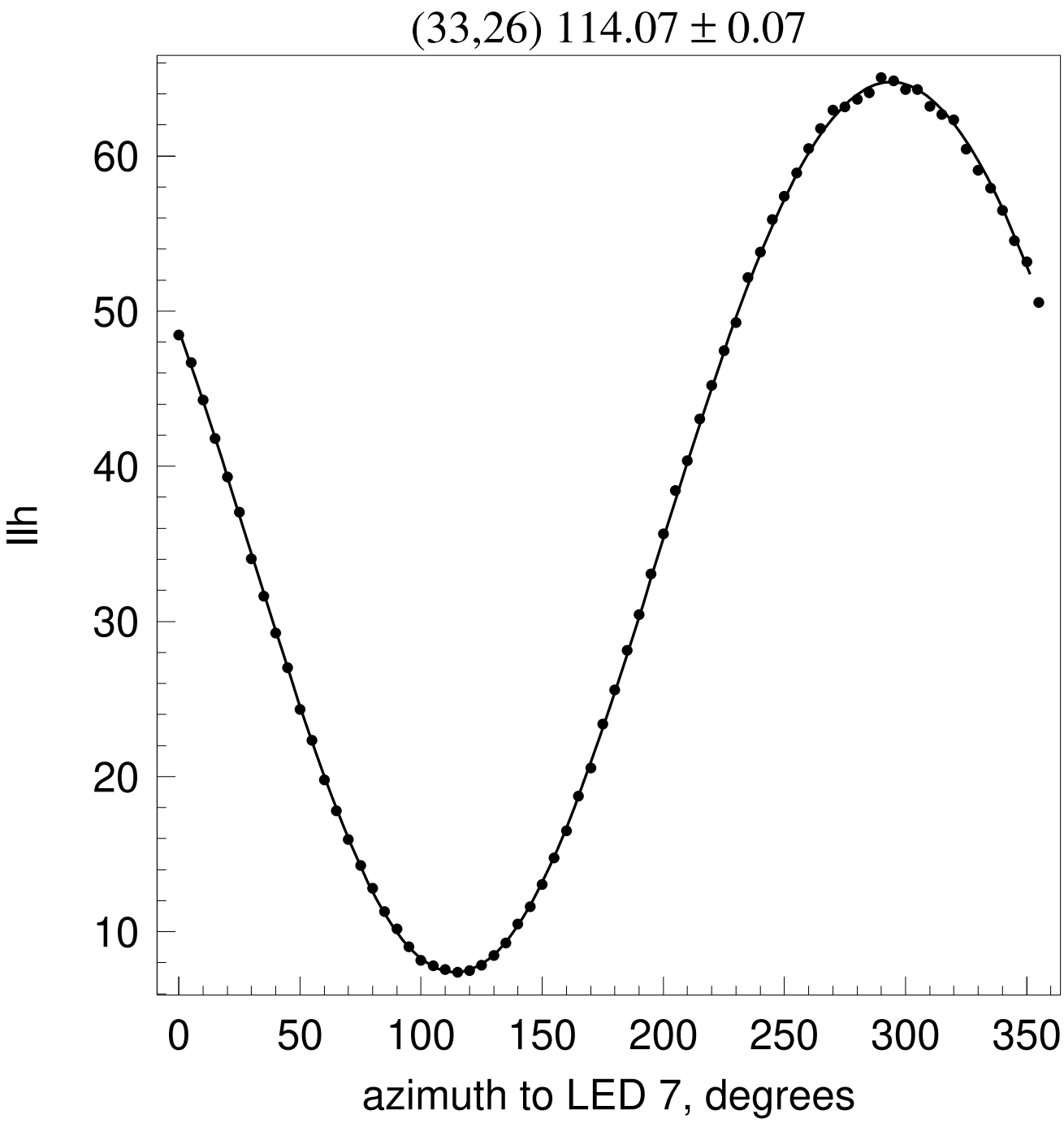

(33,21) 326.68 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

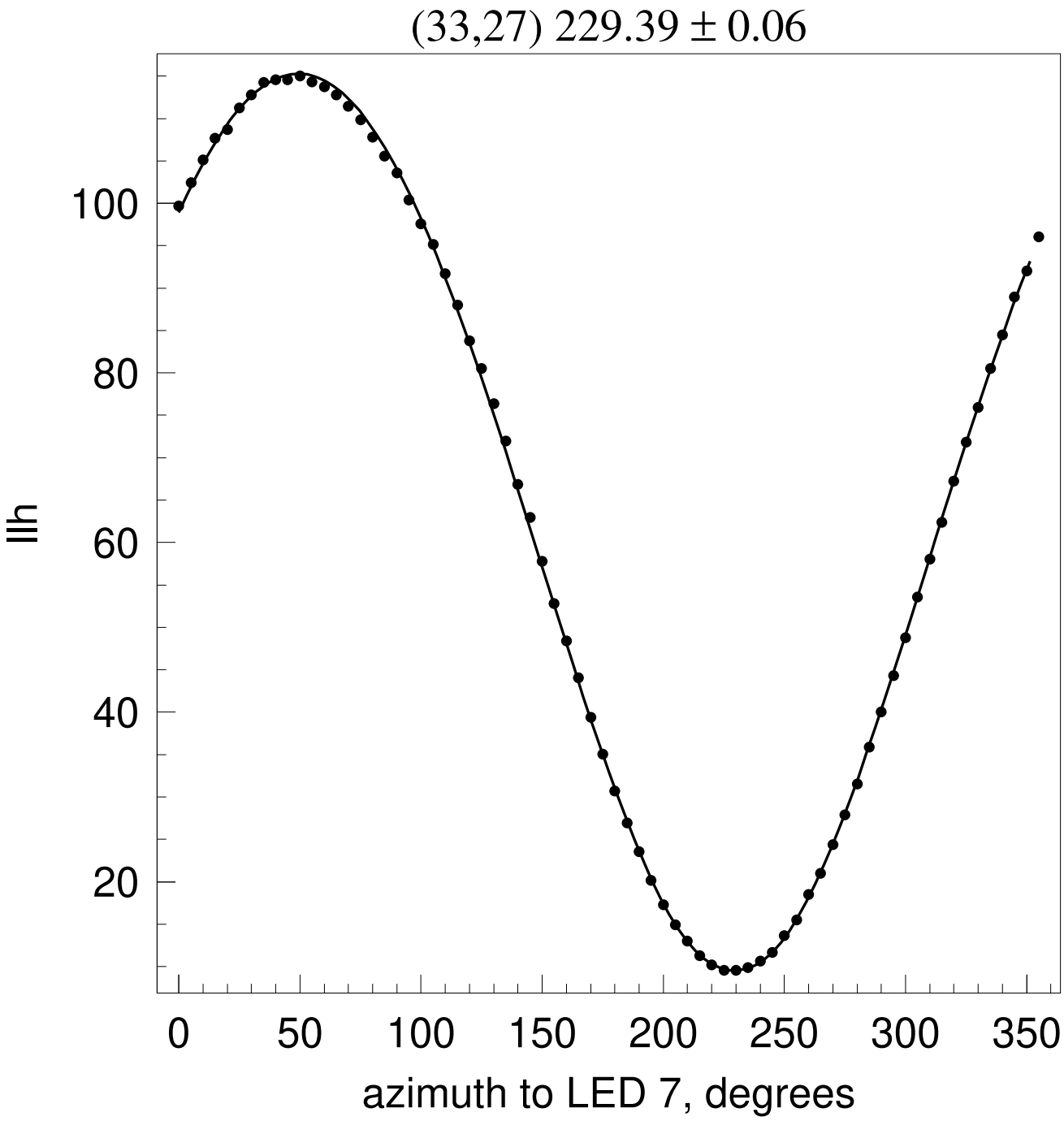

(33,22) 168.68 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

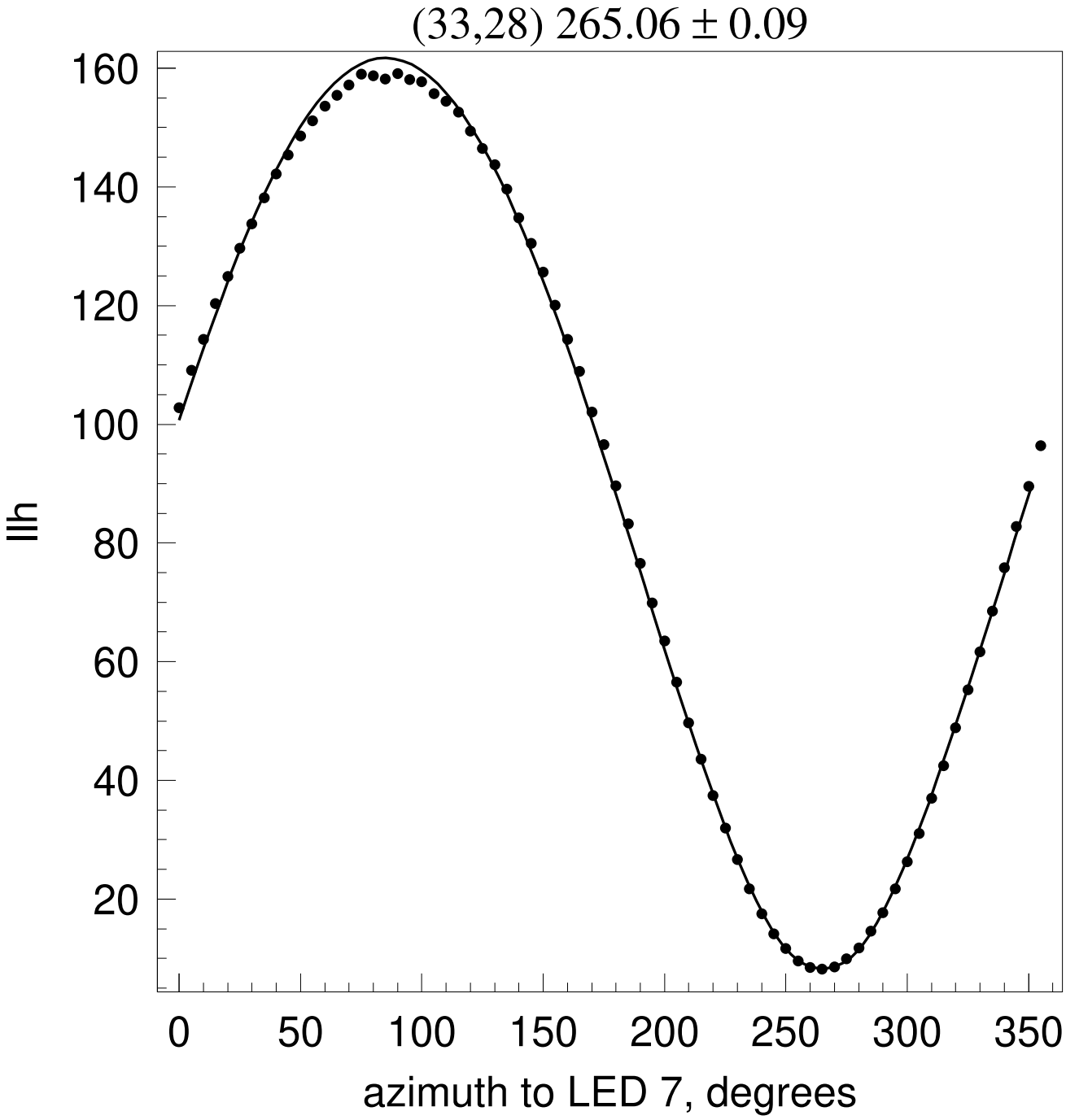

(33,23) 98.20 ± 1.01
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

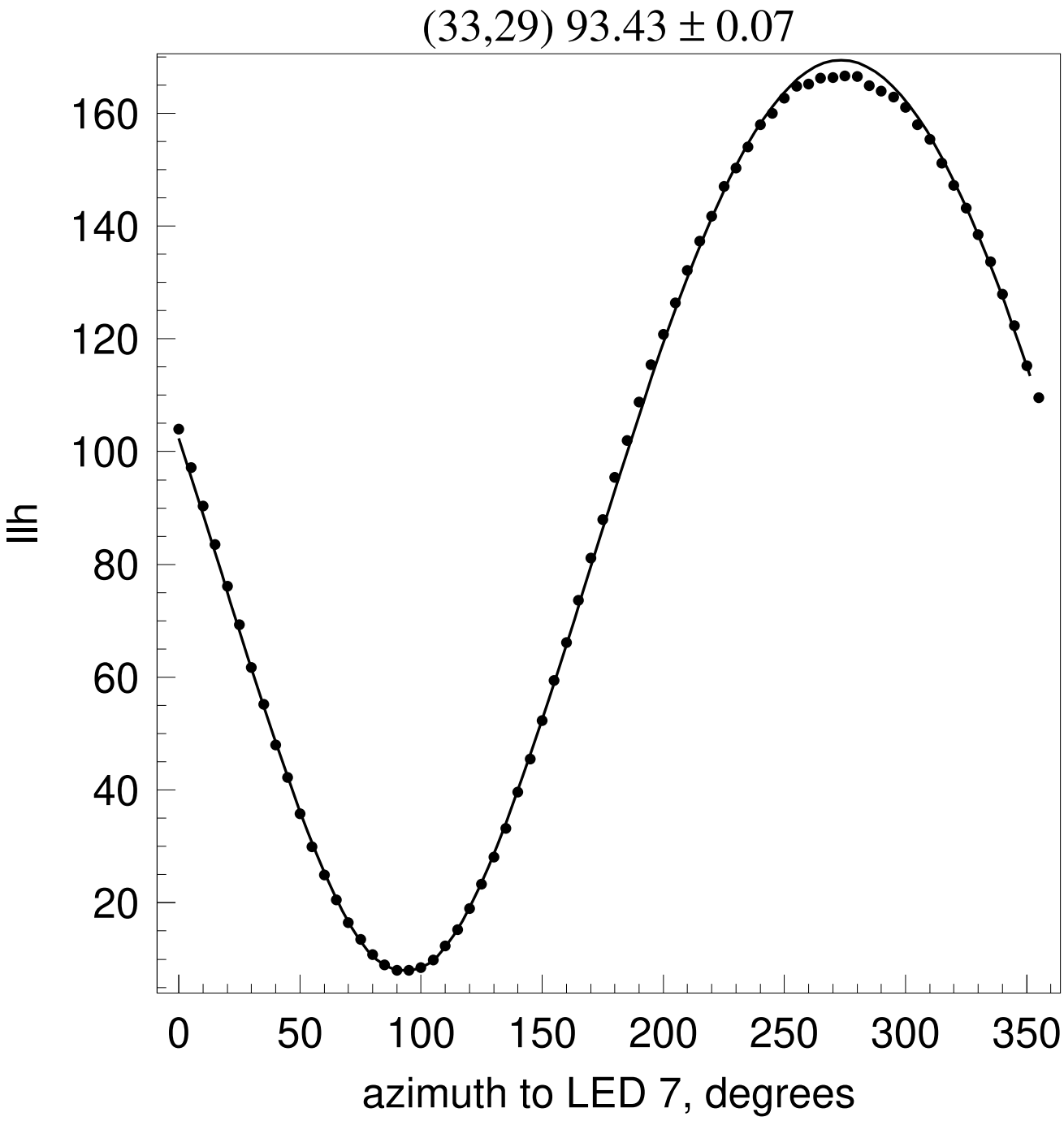

(33,24) 68.34 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

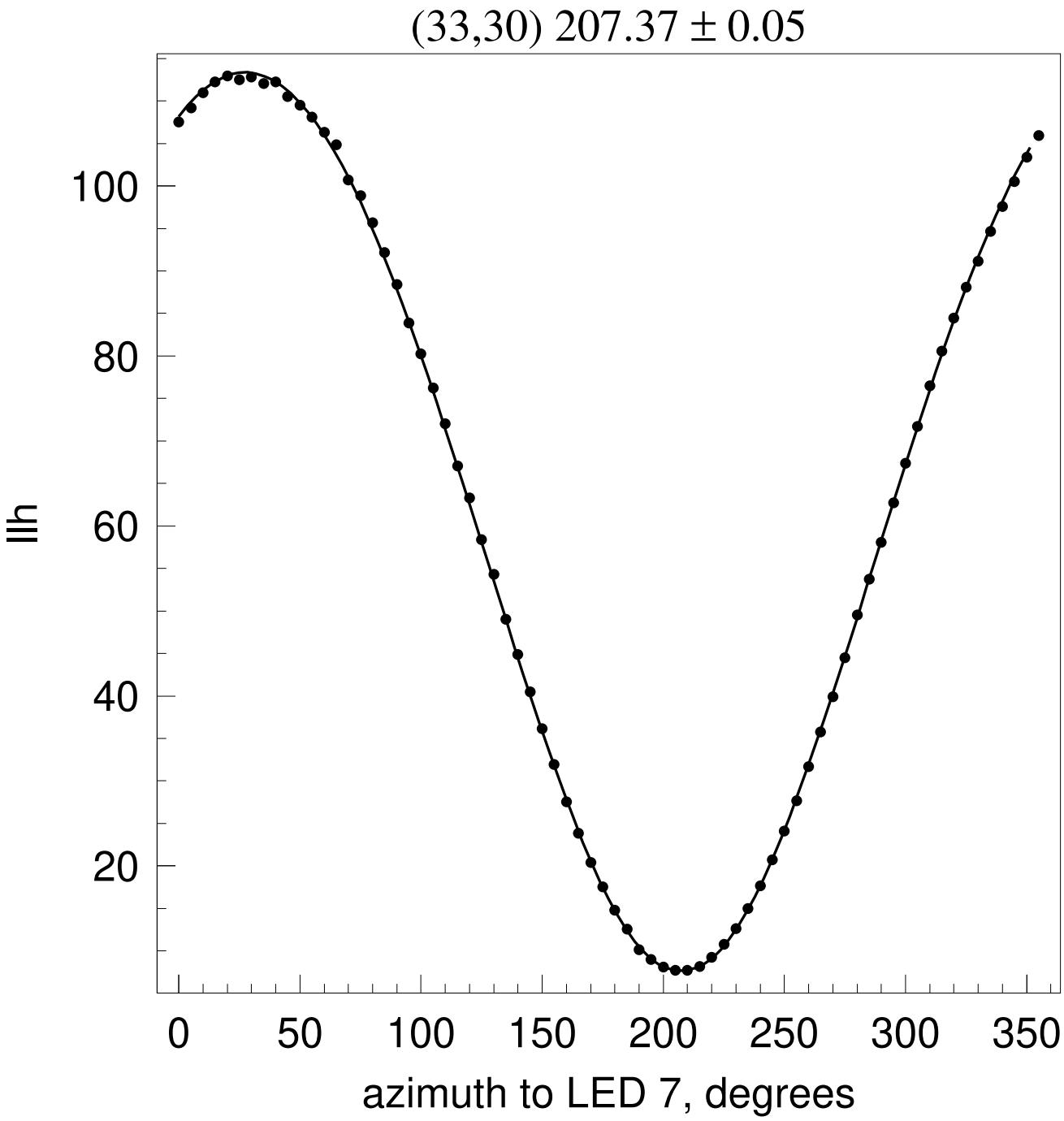

(33,25) 171.62 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

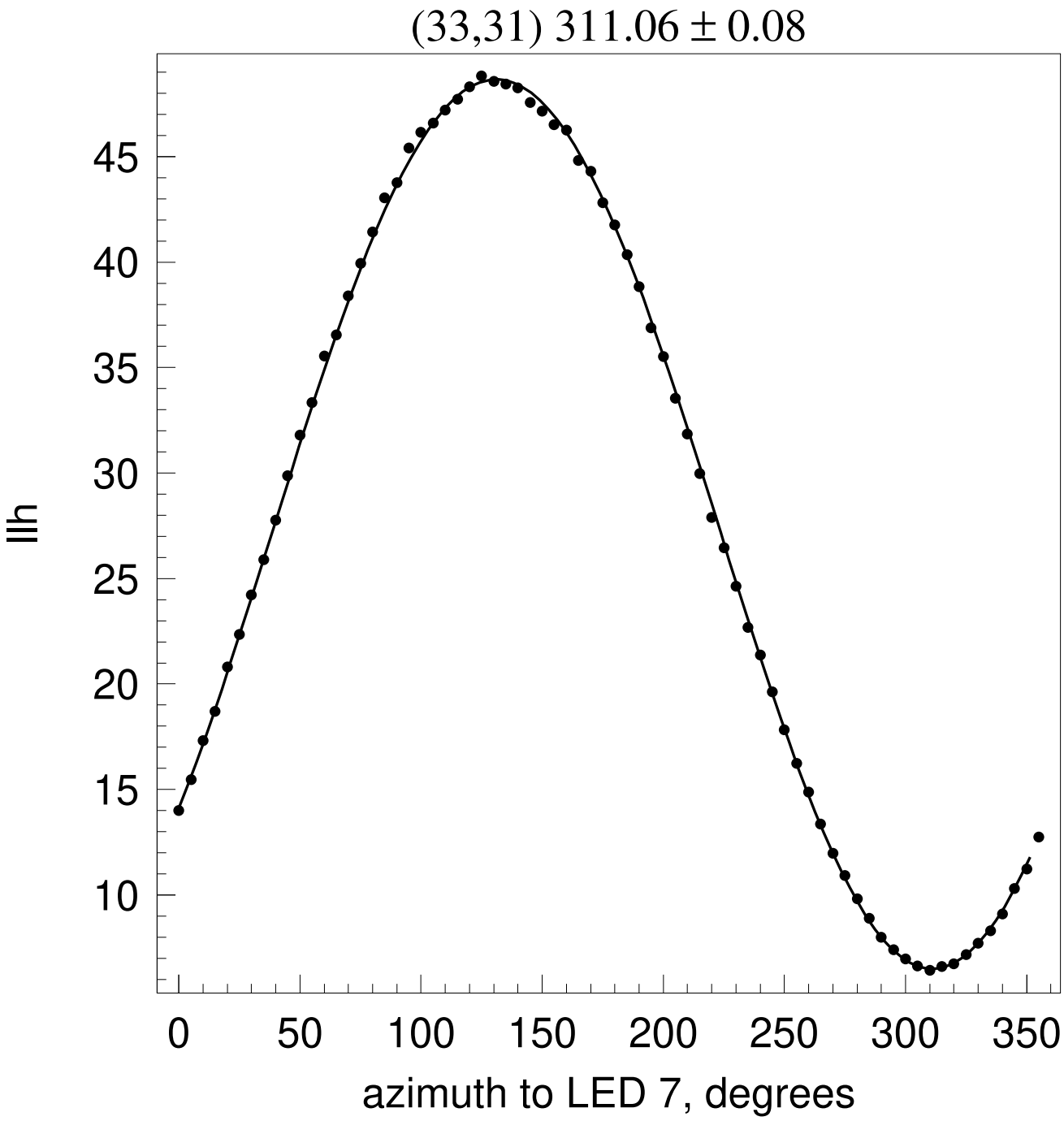

(33,26) 114.07 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

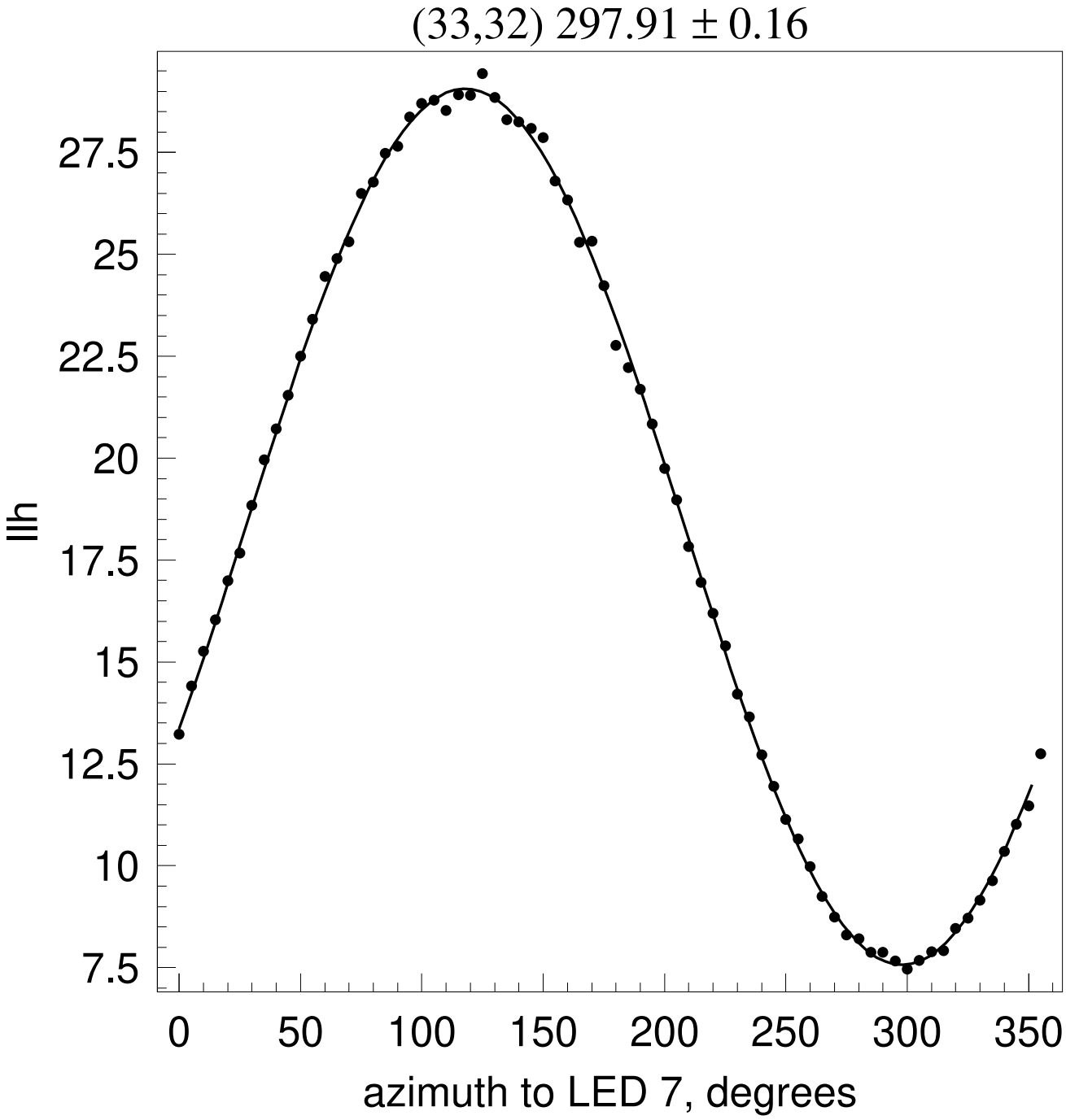

(33,27) 229.39 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

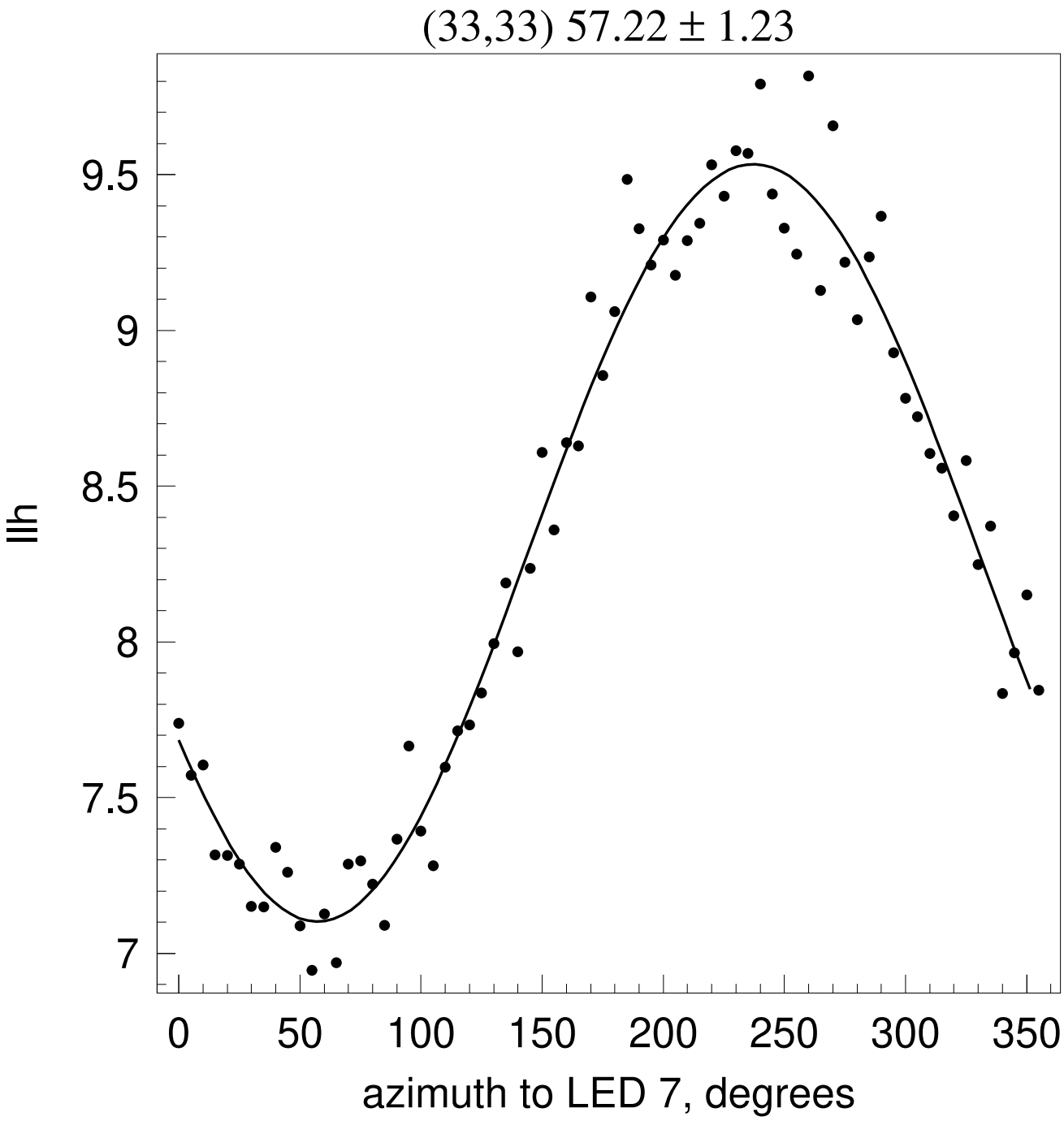

(33,28) 265.06 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

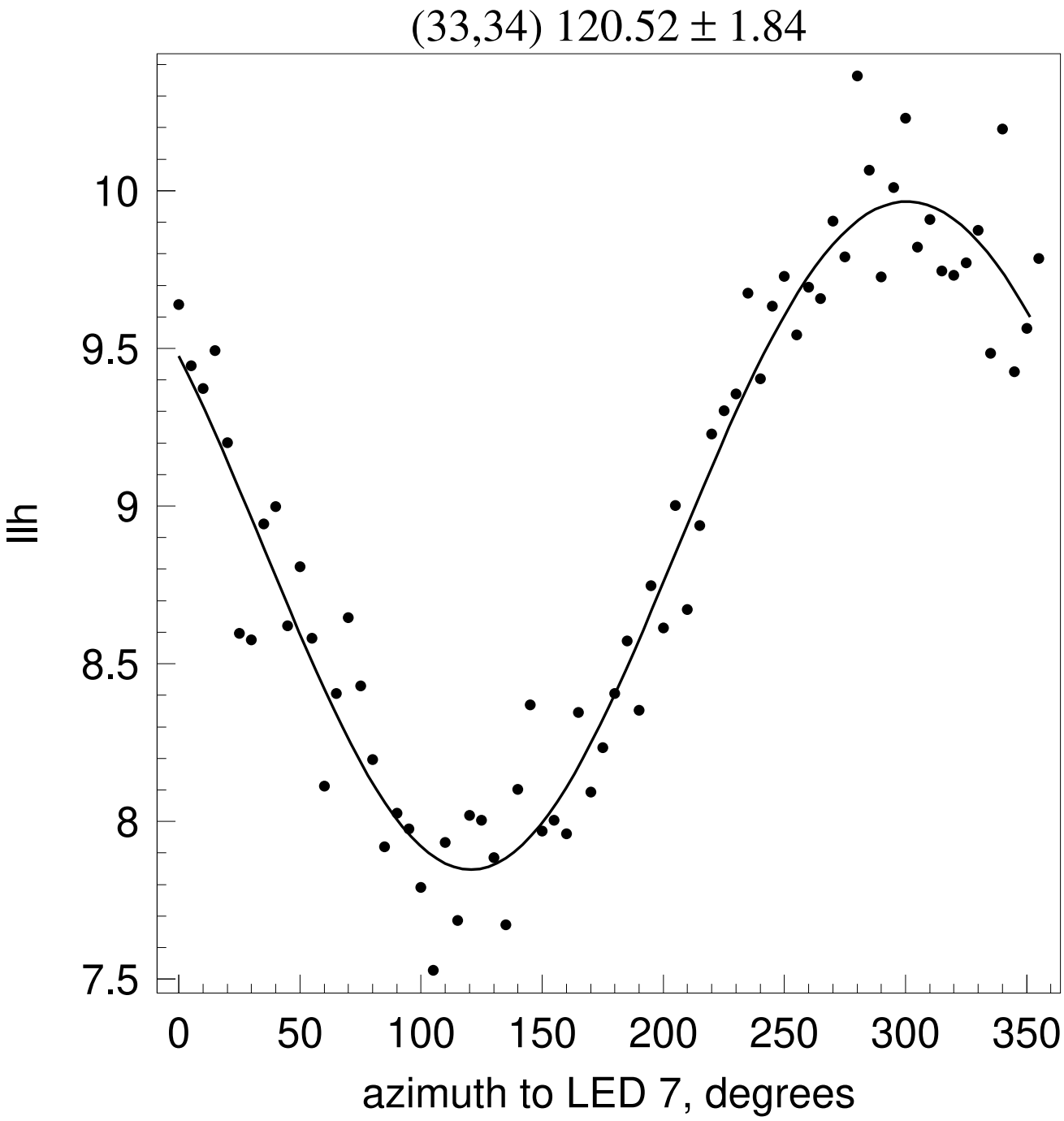

(33,29) 93.43 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

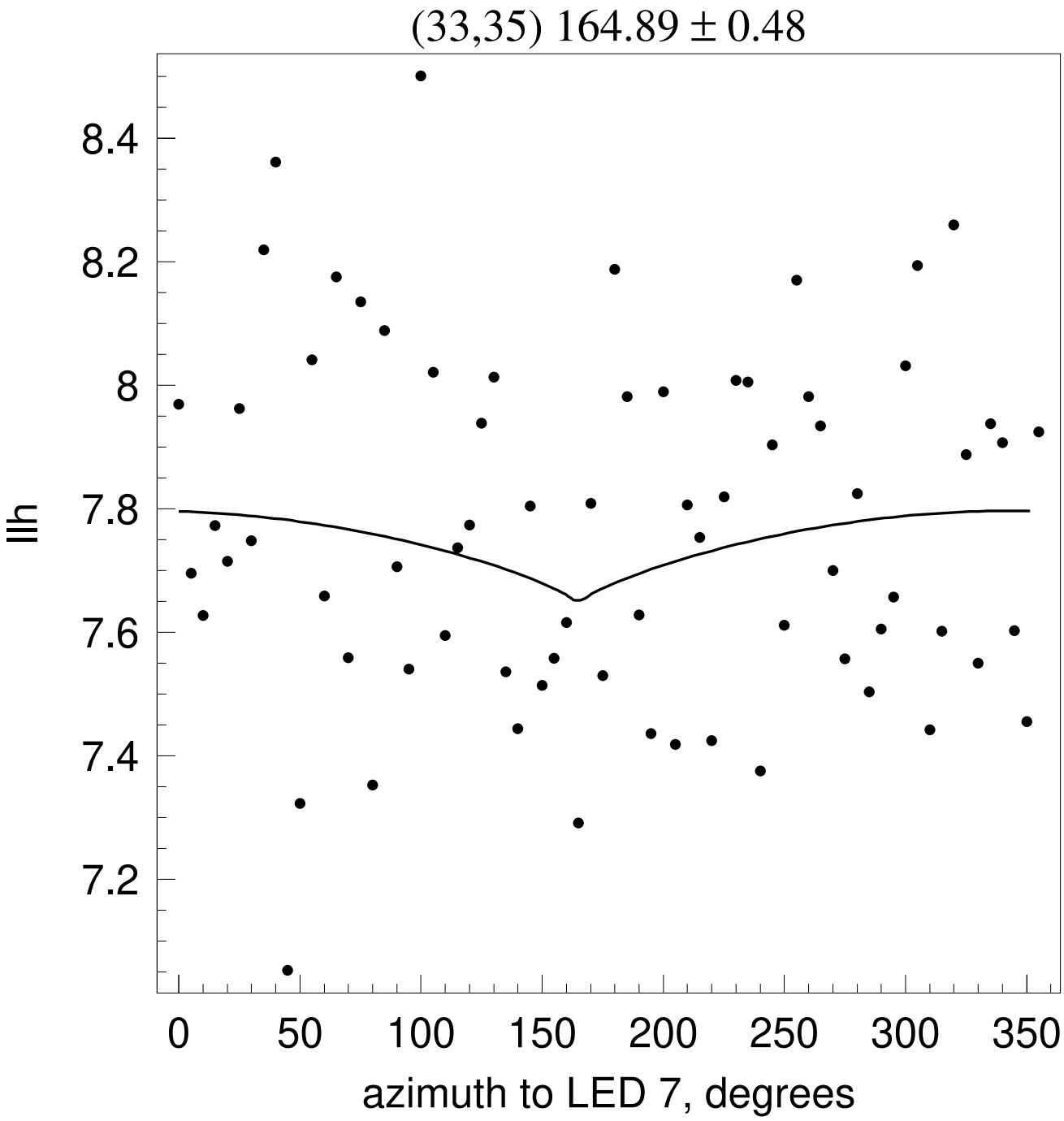

(33,30) 207.37 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

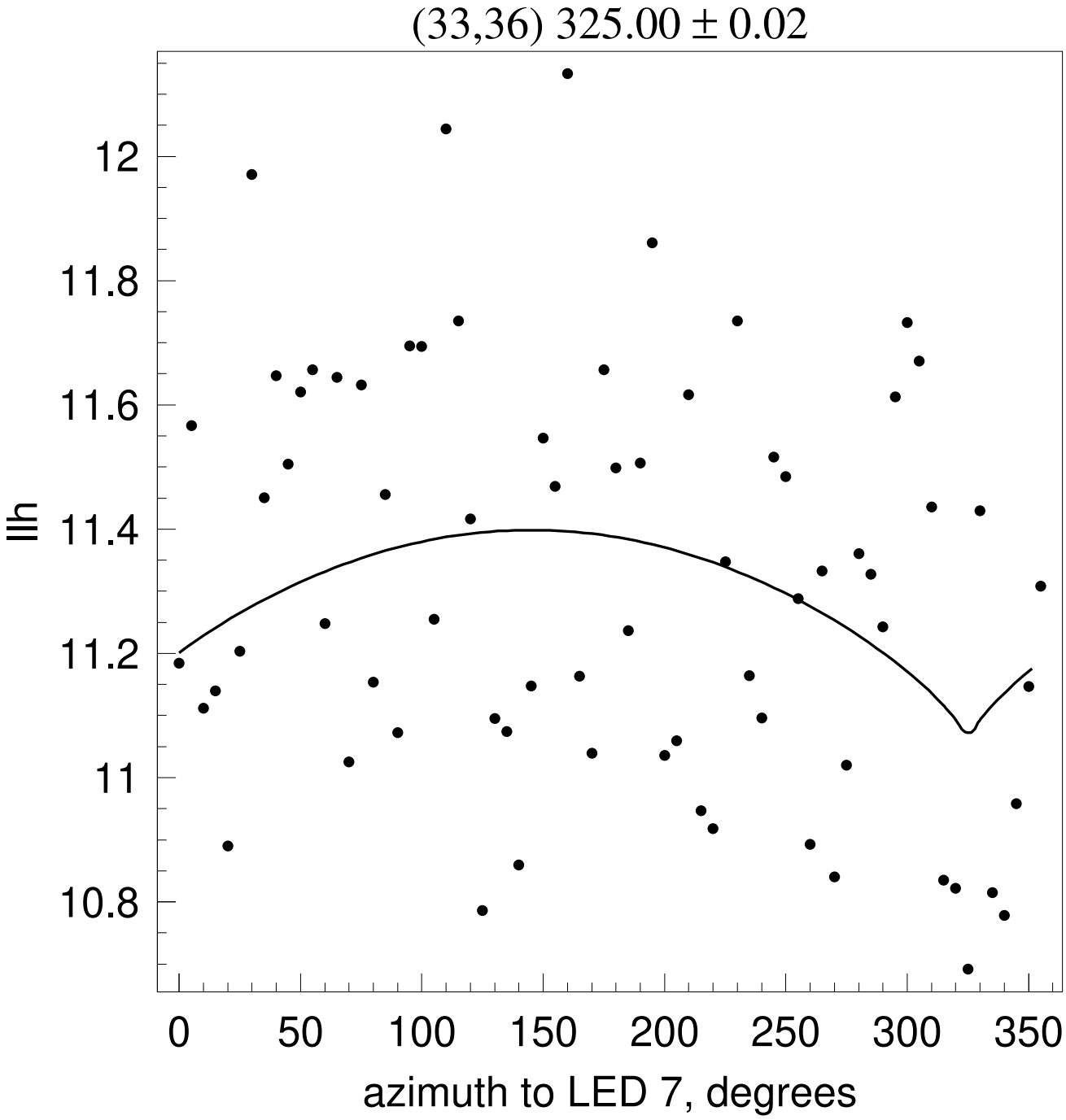

(33,31) 311.06 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

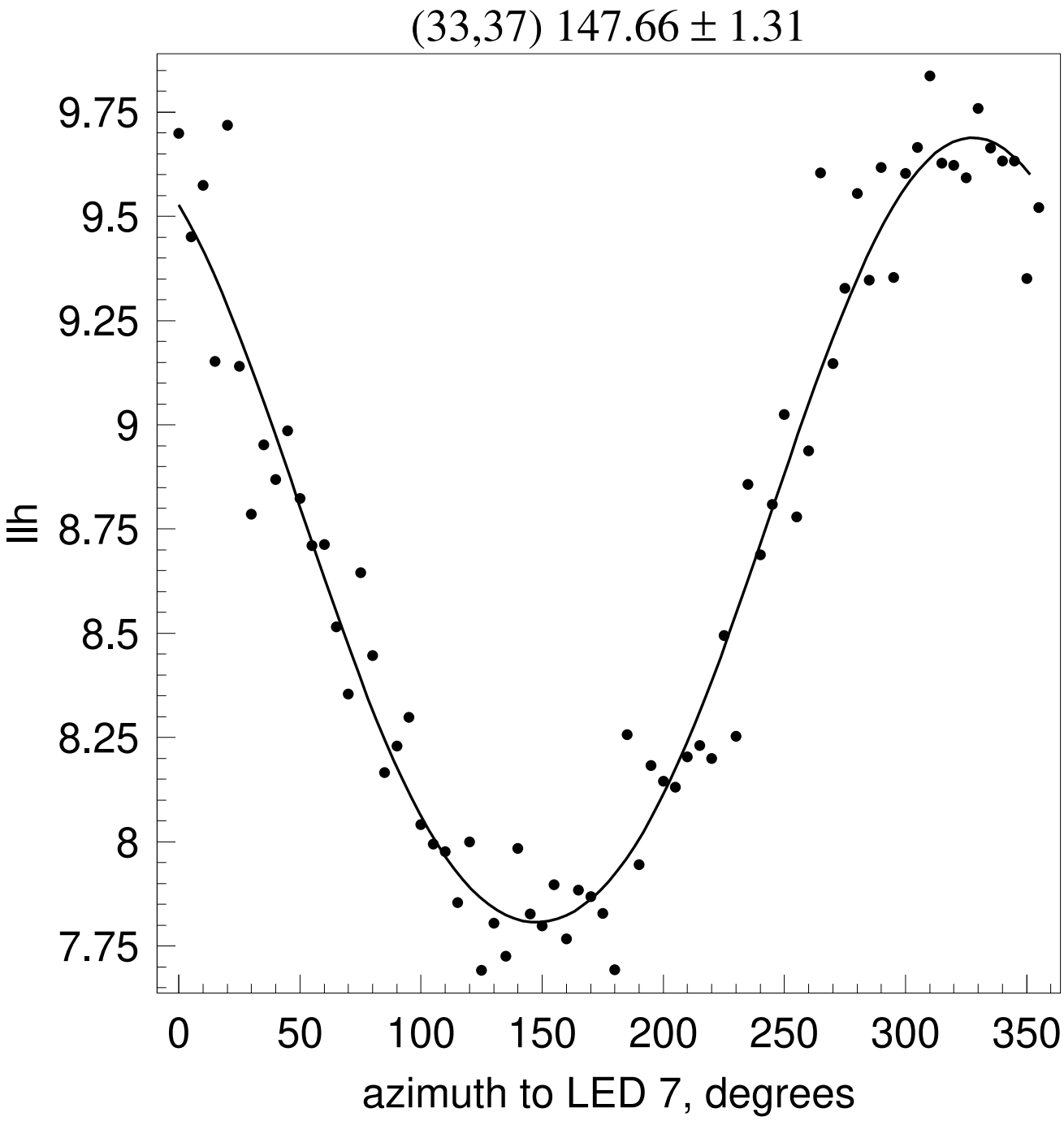

(33,32) 297.91 ± 0.16
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

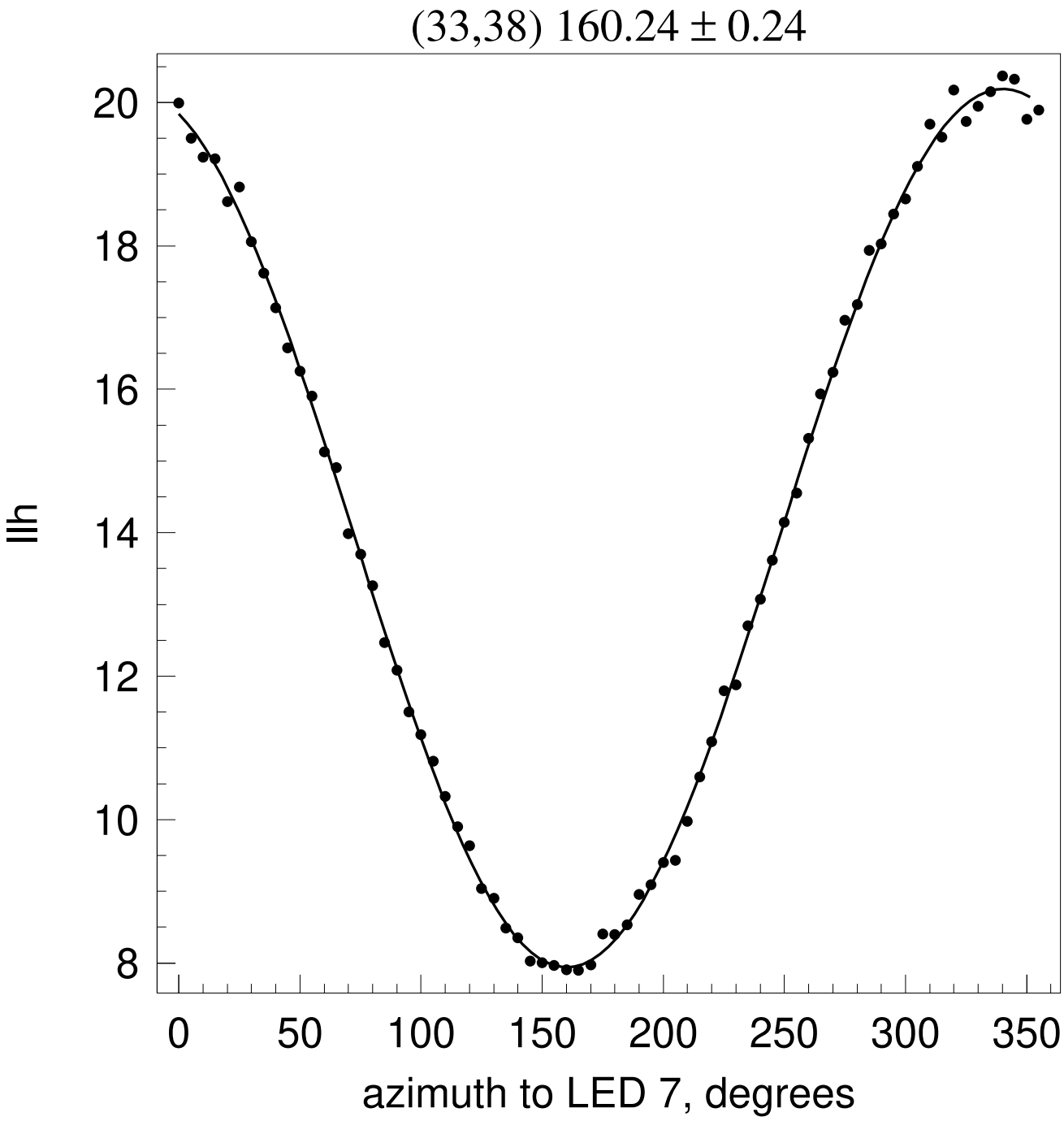

(33,33) 57.22 ± 1.23
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

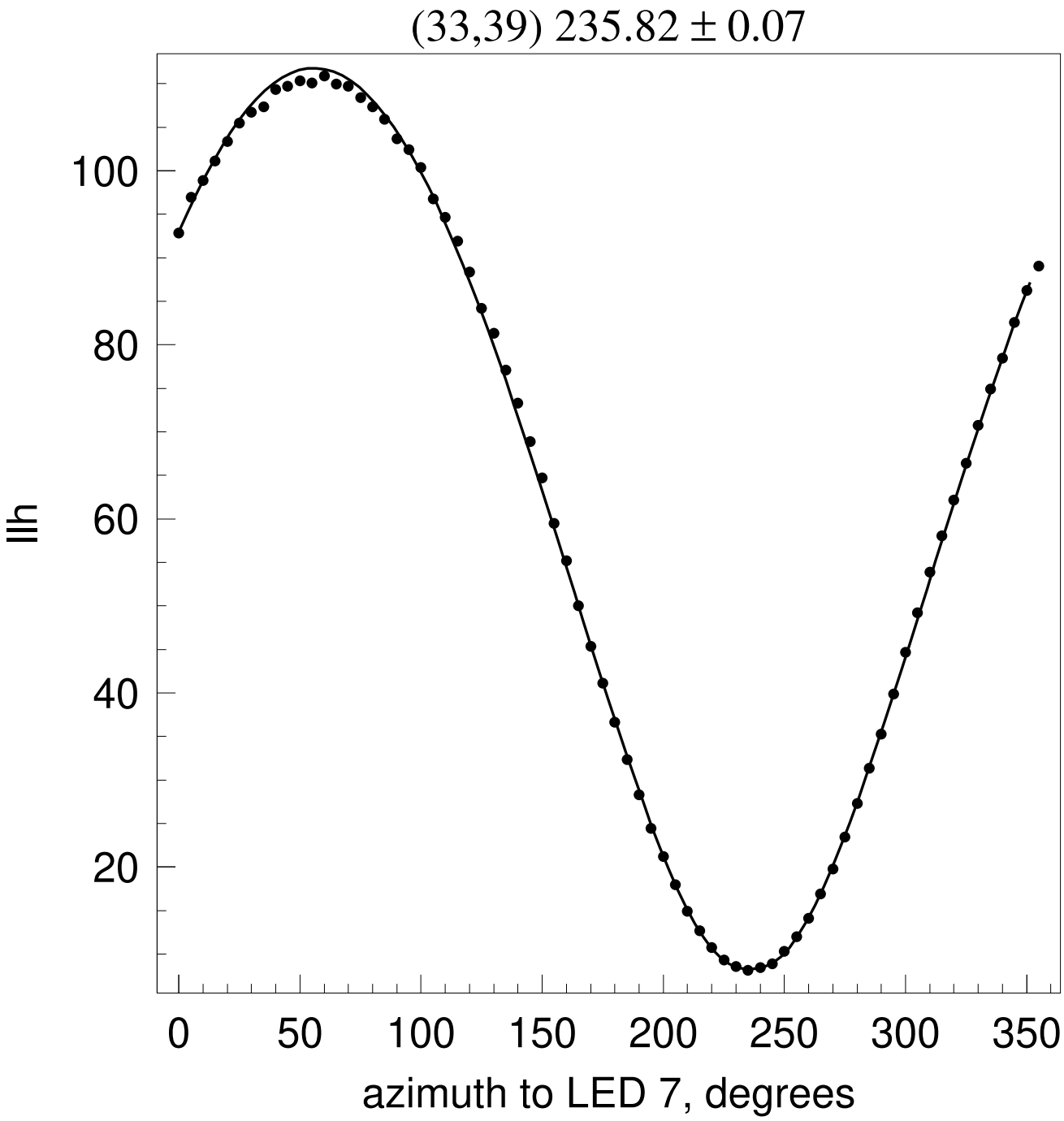

(33,34) 120.52 ± 1.84
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

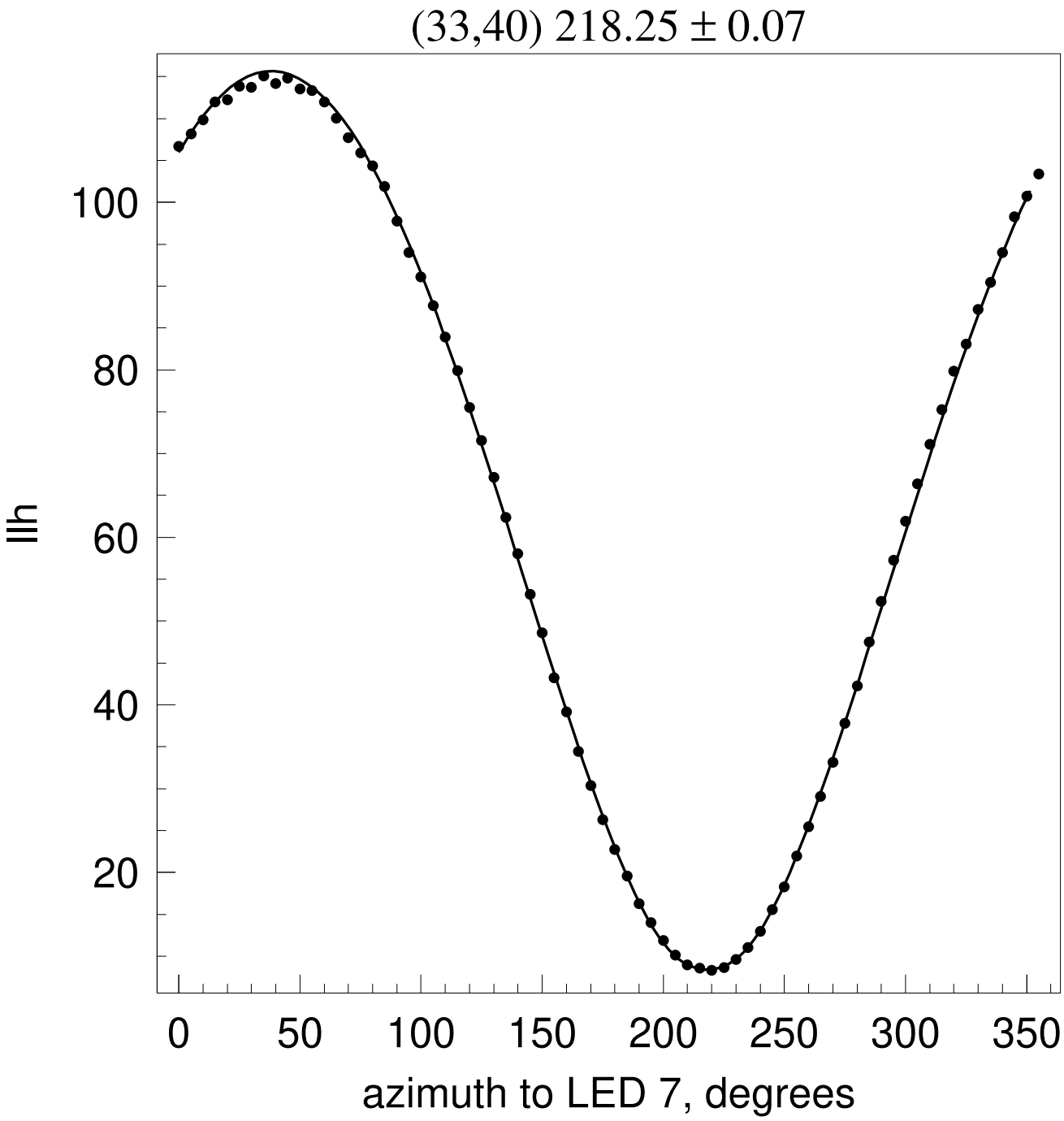

(33,35) 164.89 ± 0.48
8.4
8.2
8
7.8
7.6
7.4
7.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

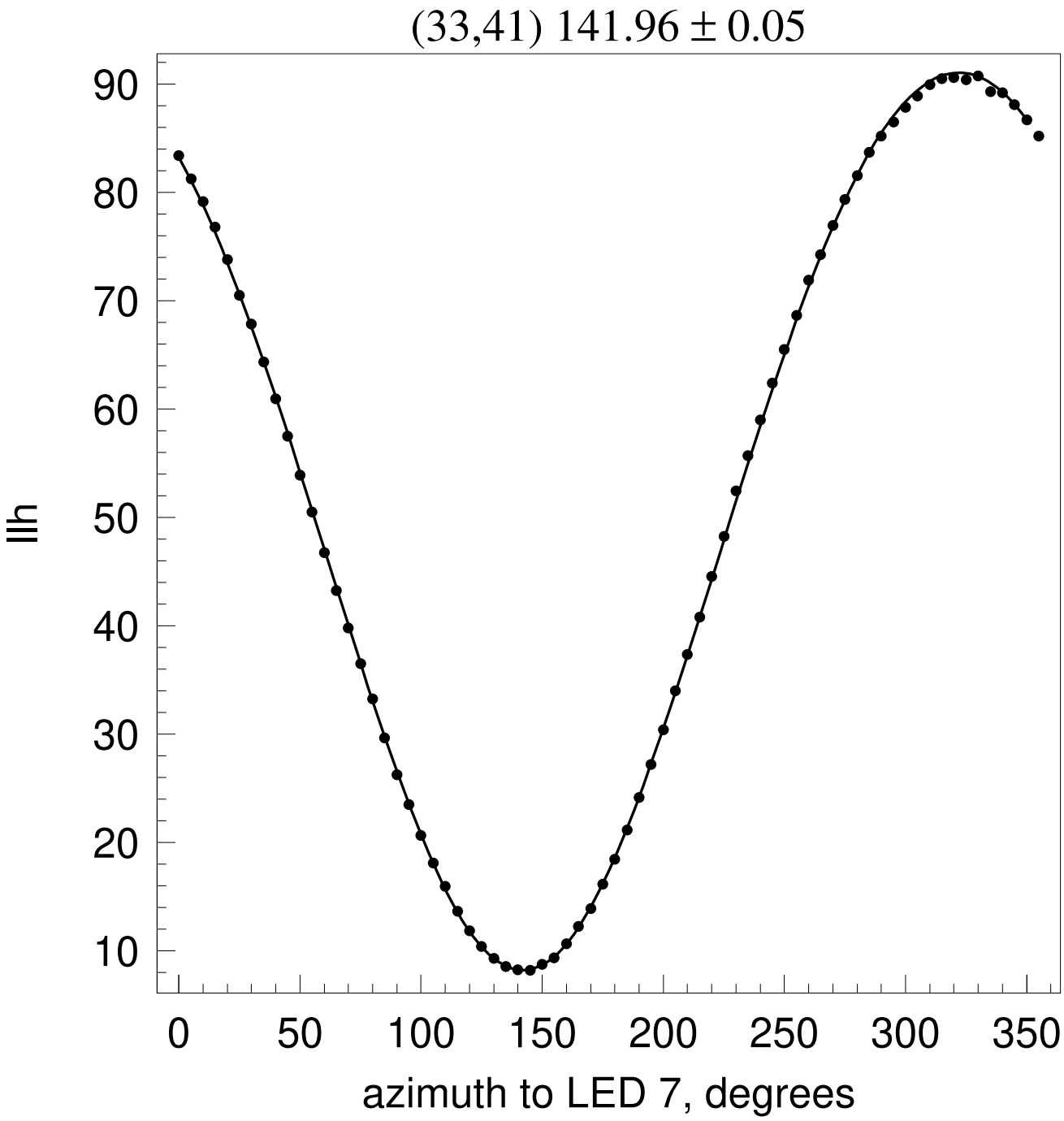

(33,36) 325.00 ± 0.02
12
11.8
11.6
11.4
11.2
11
10.8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

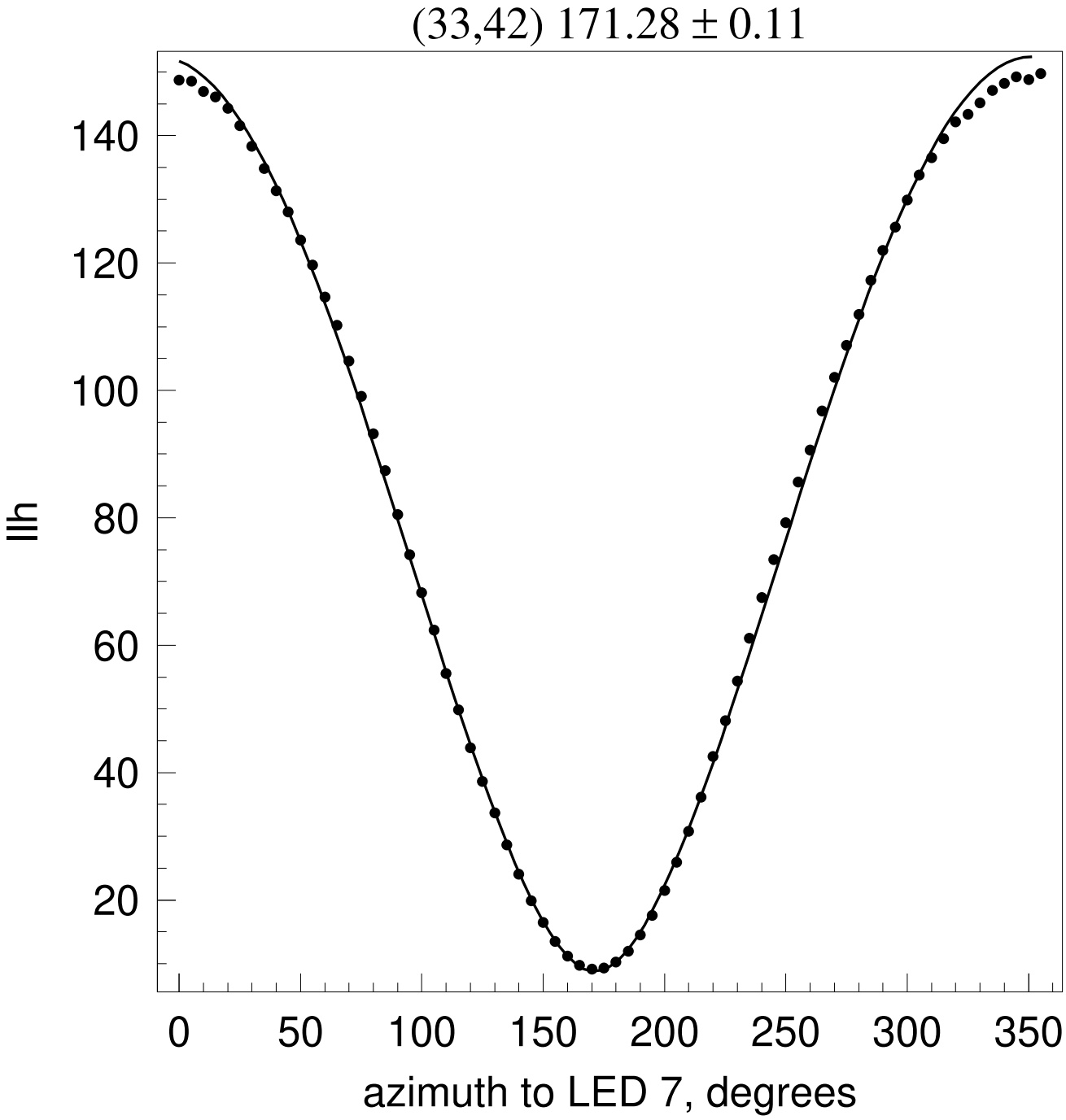

(33,37) 147.66 ± 1.31
9.75
9.5
9.25
9
8.75
8.5
8.25
8
7.75
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

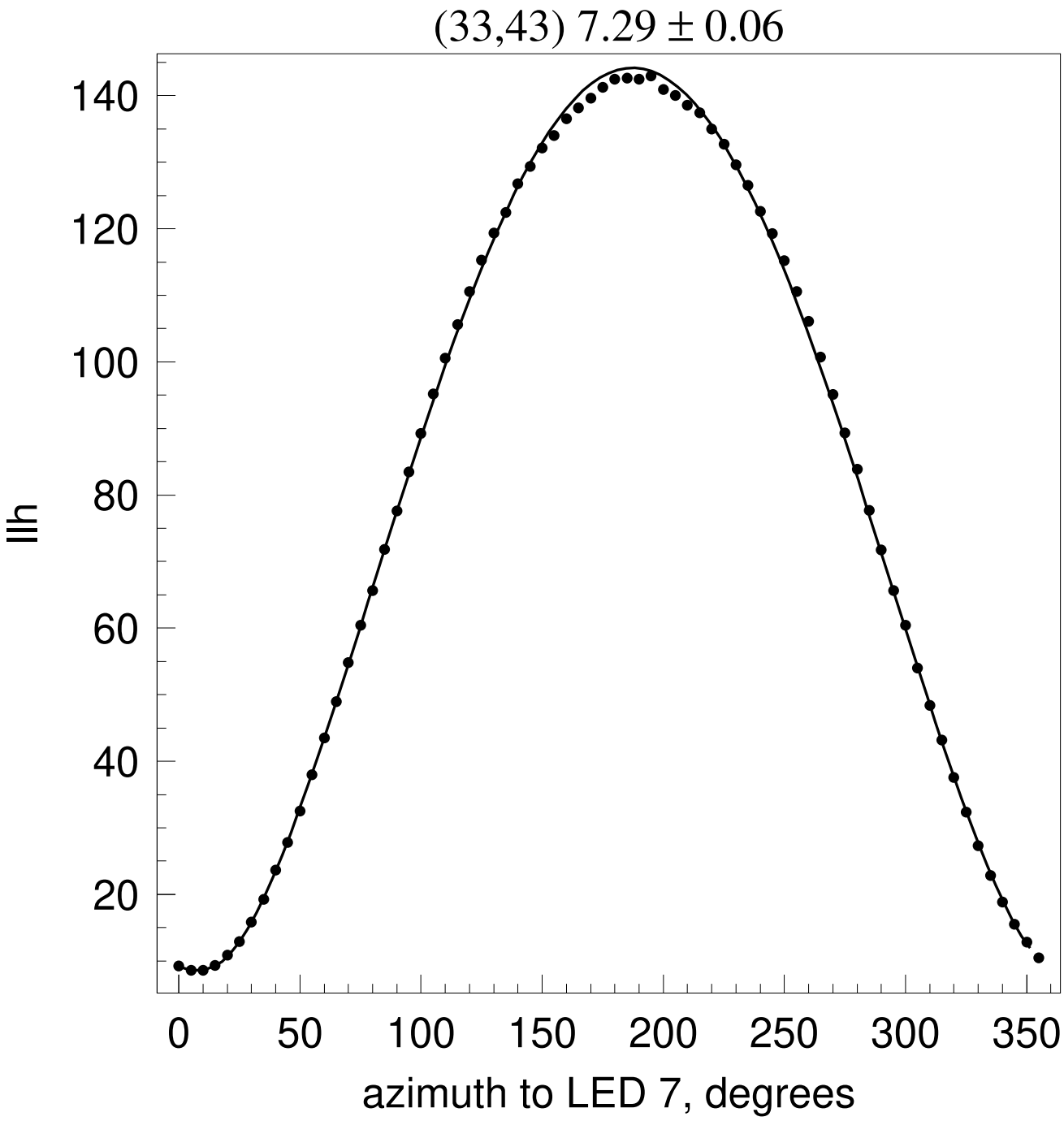

(33,38) 160.24 ± 0.24
20
18
16
14
12
10
8
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

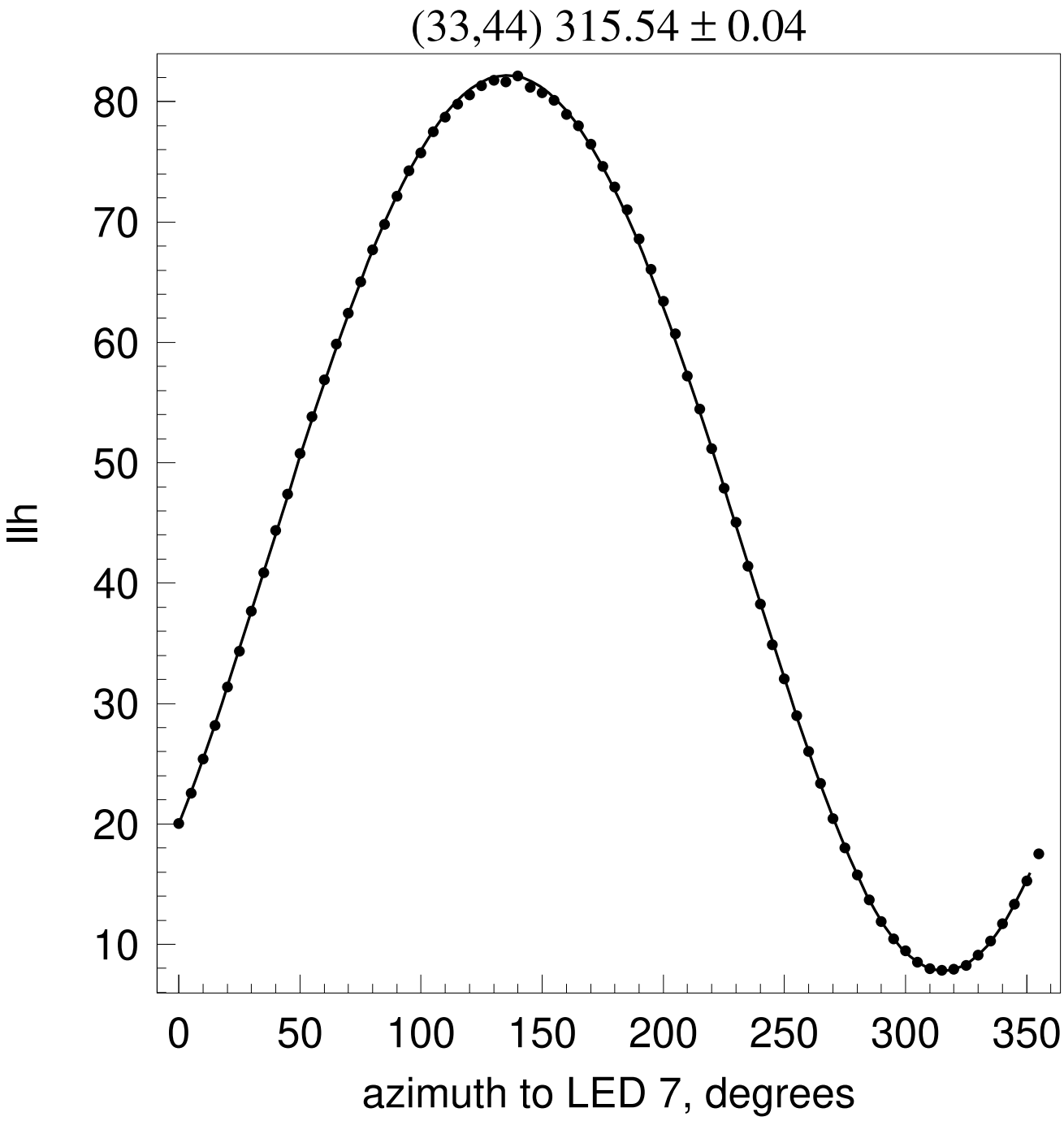

(33,39) 235.82 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

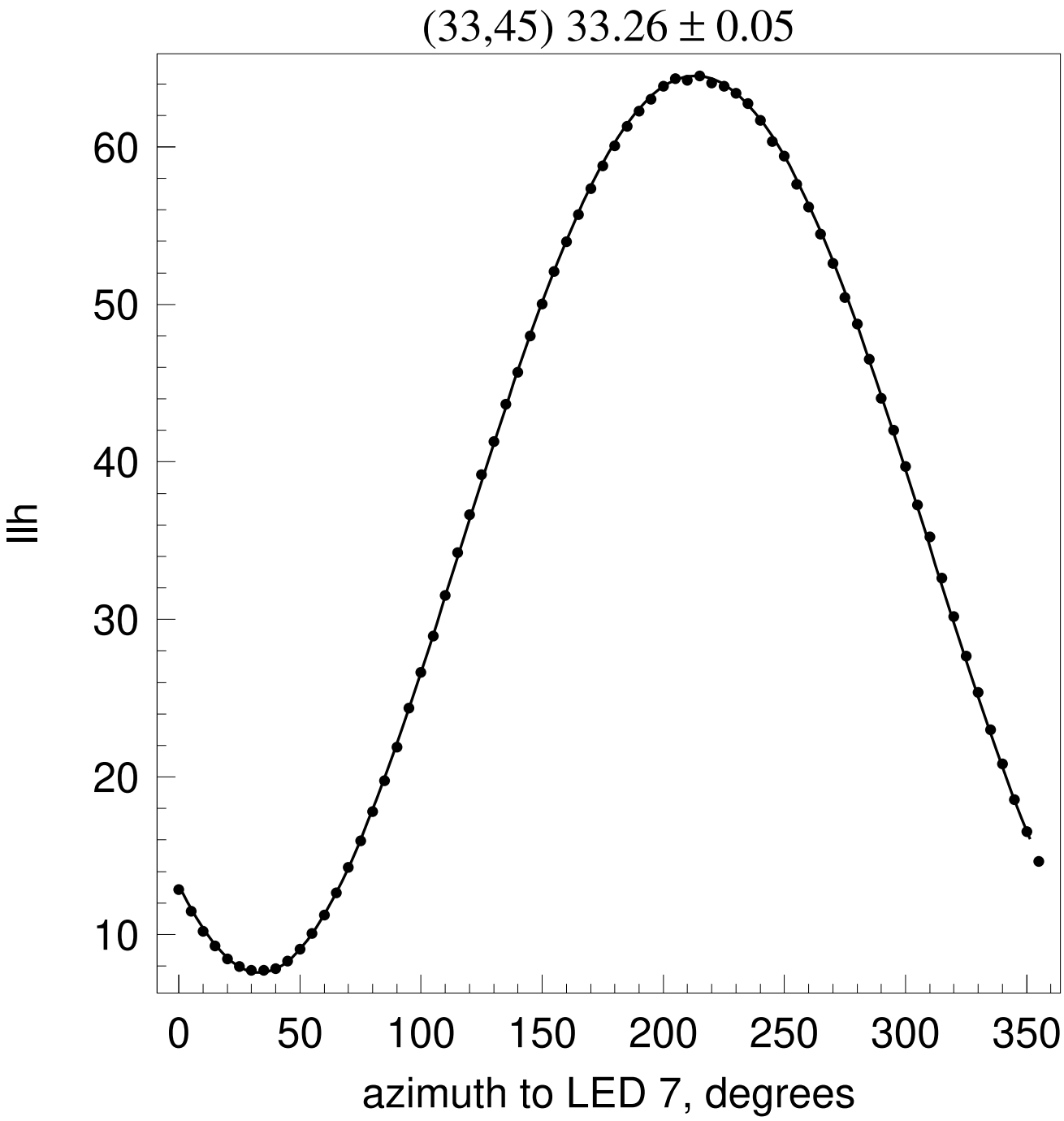

(33,40) 218.25 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

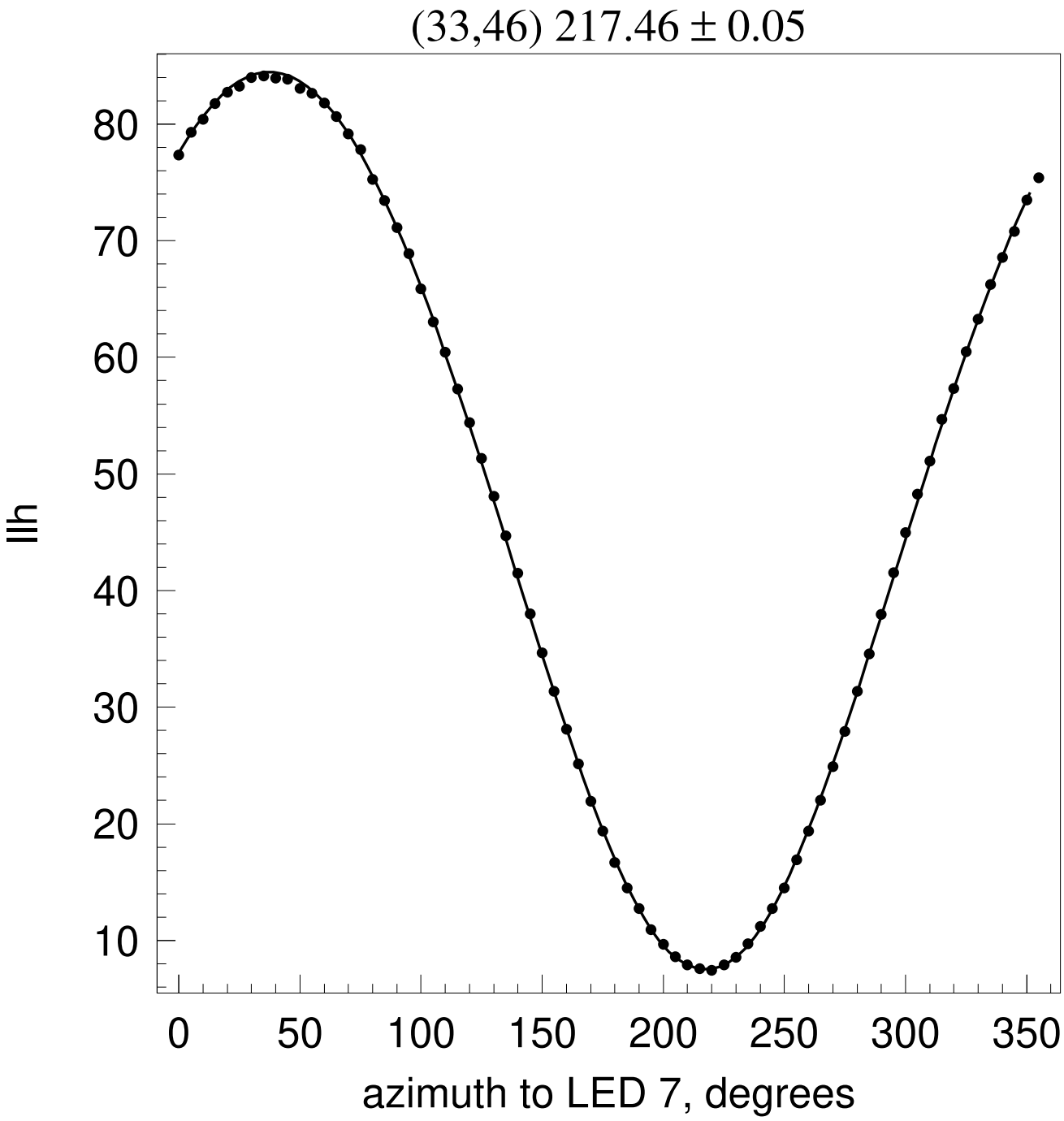

(33,41) 141.96 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

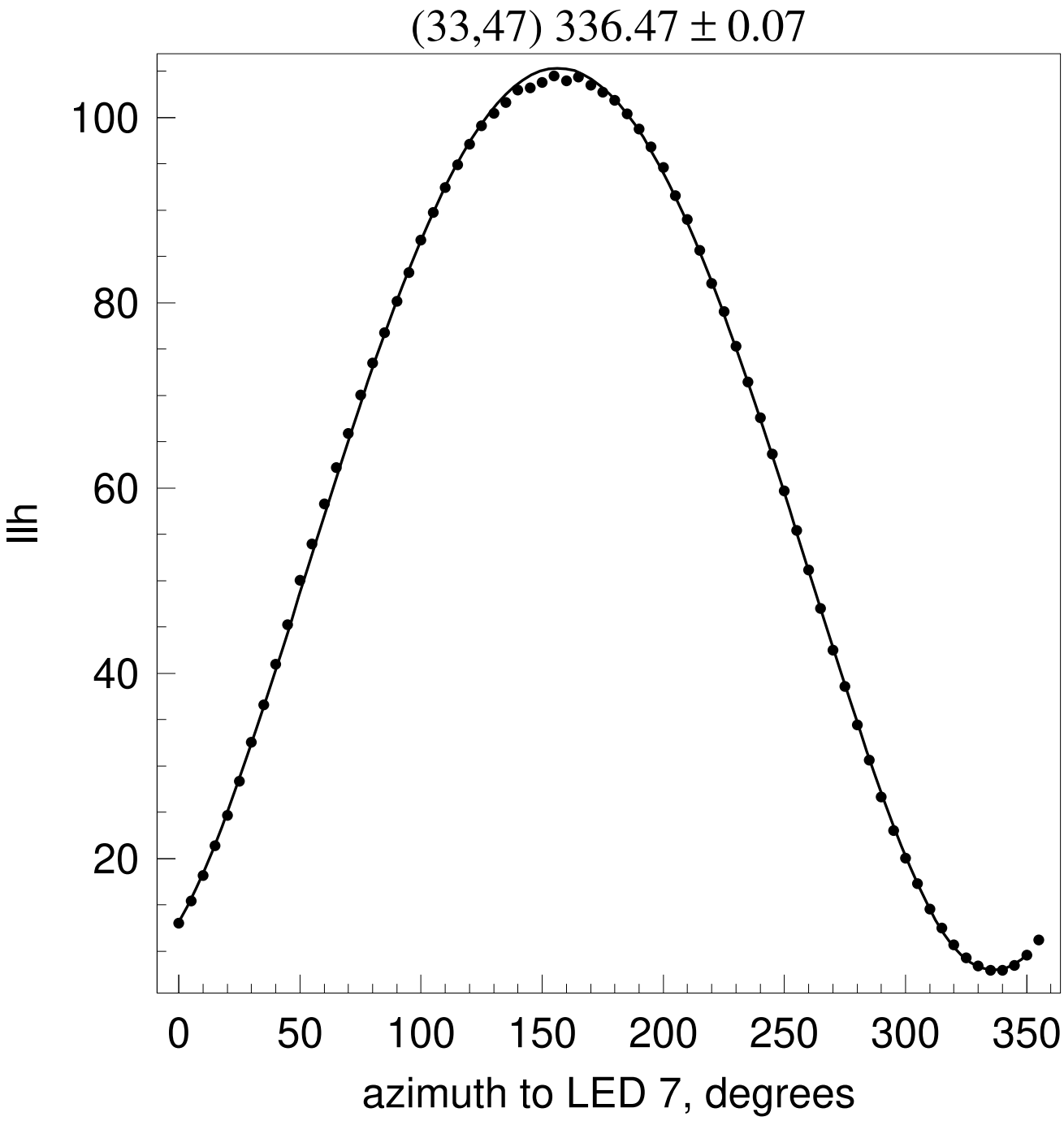

(33,42) 171.28 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

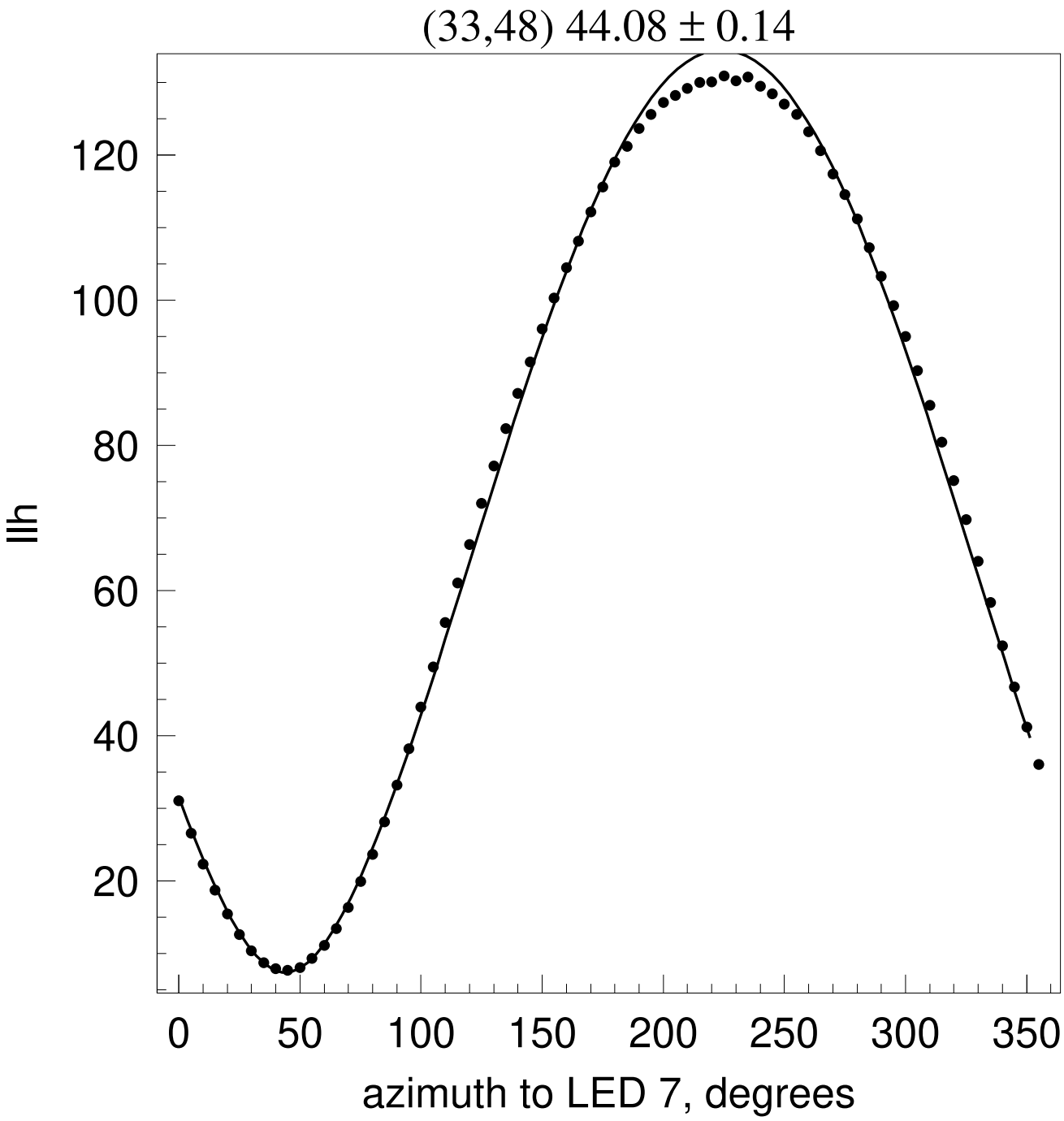

(33,43) 7.29 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

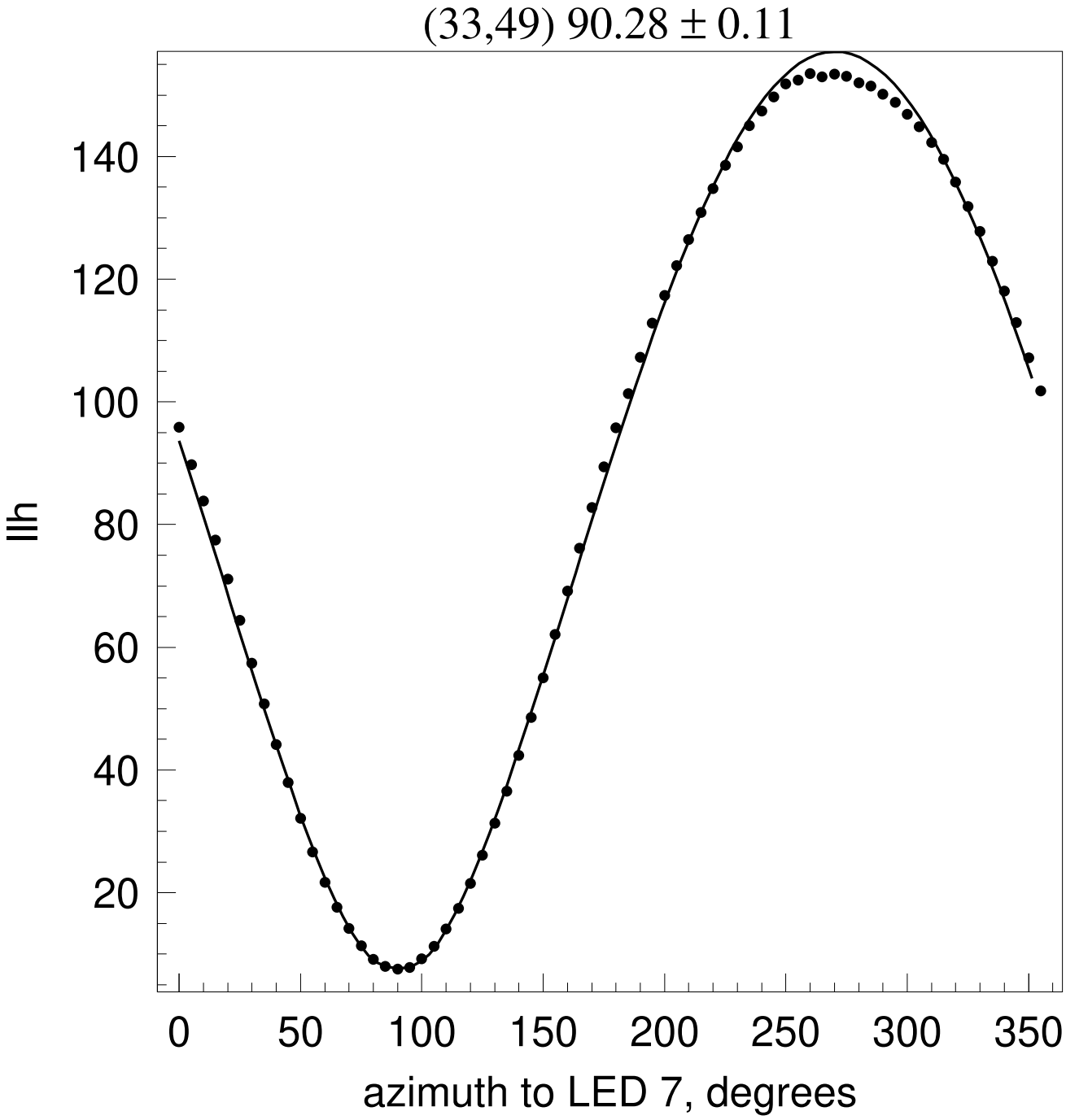

(33,44) 315.54 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

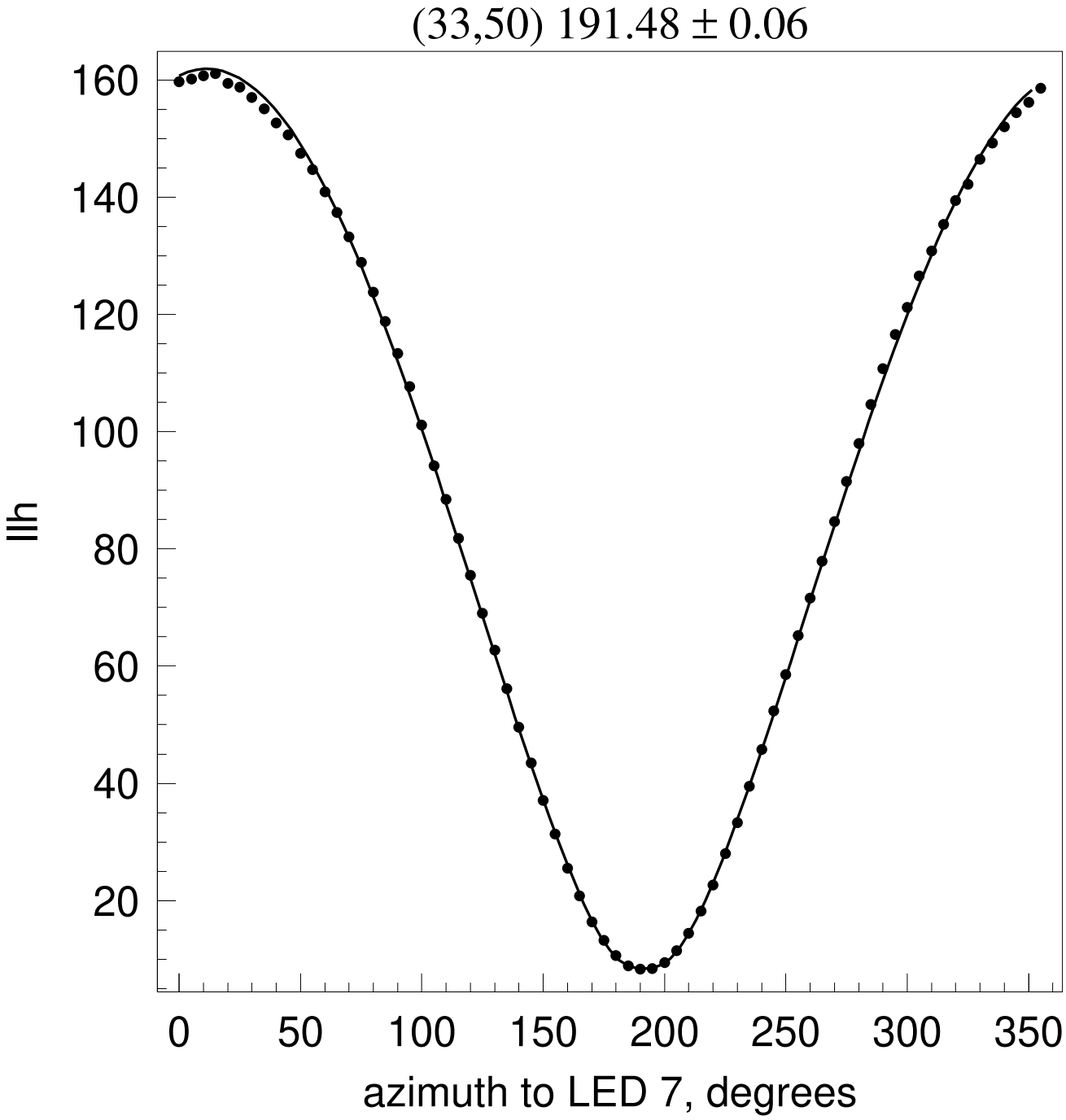

(33,45) 33.26 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

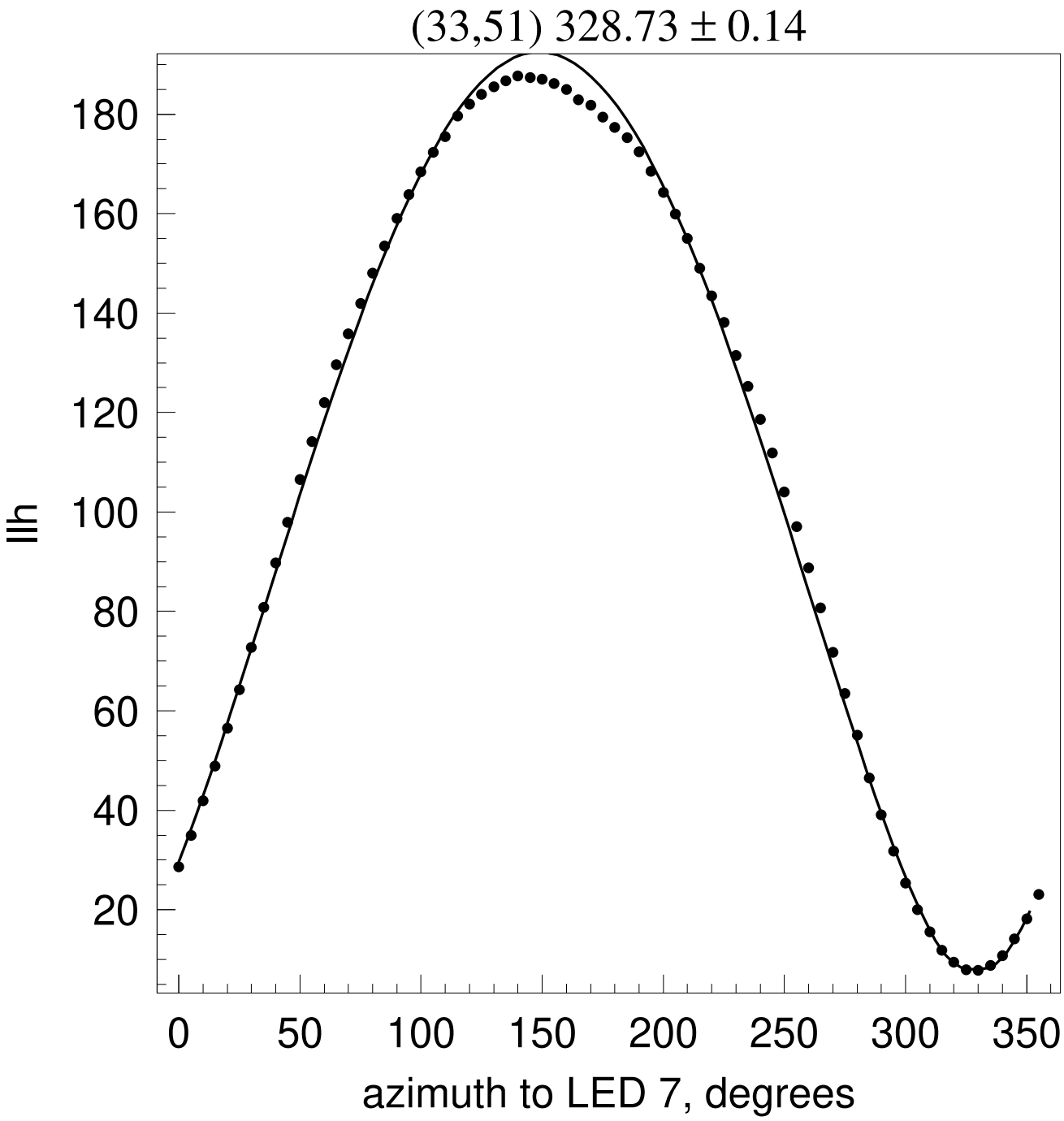

(33,46) 217.46 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

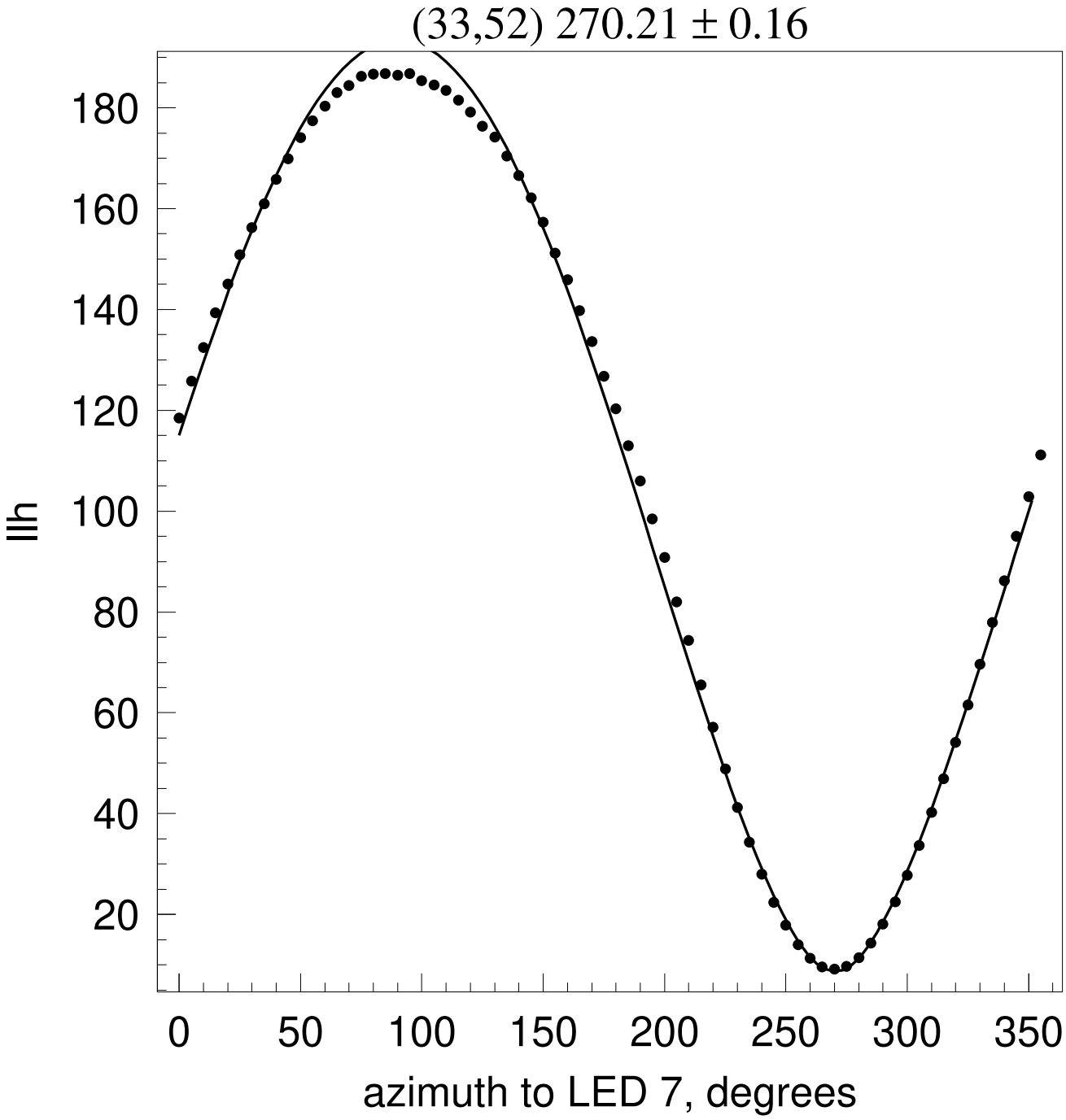

(33,47) 336.47 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

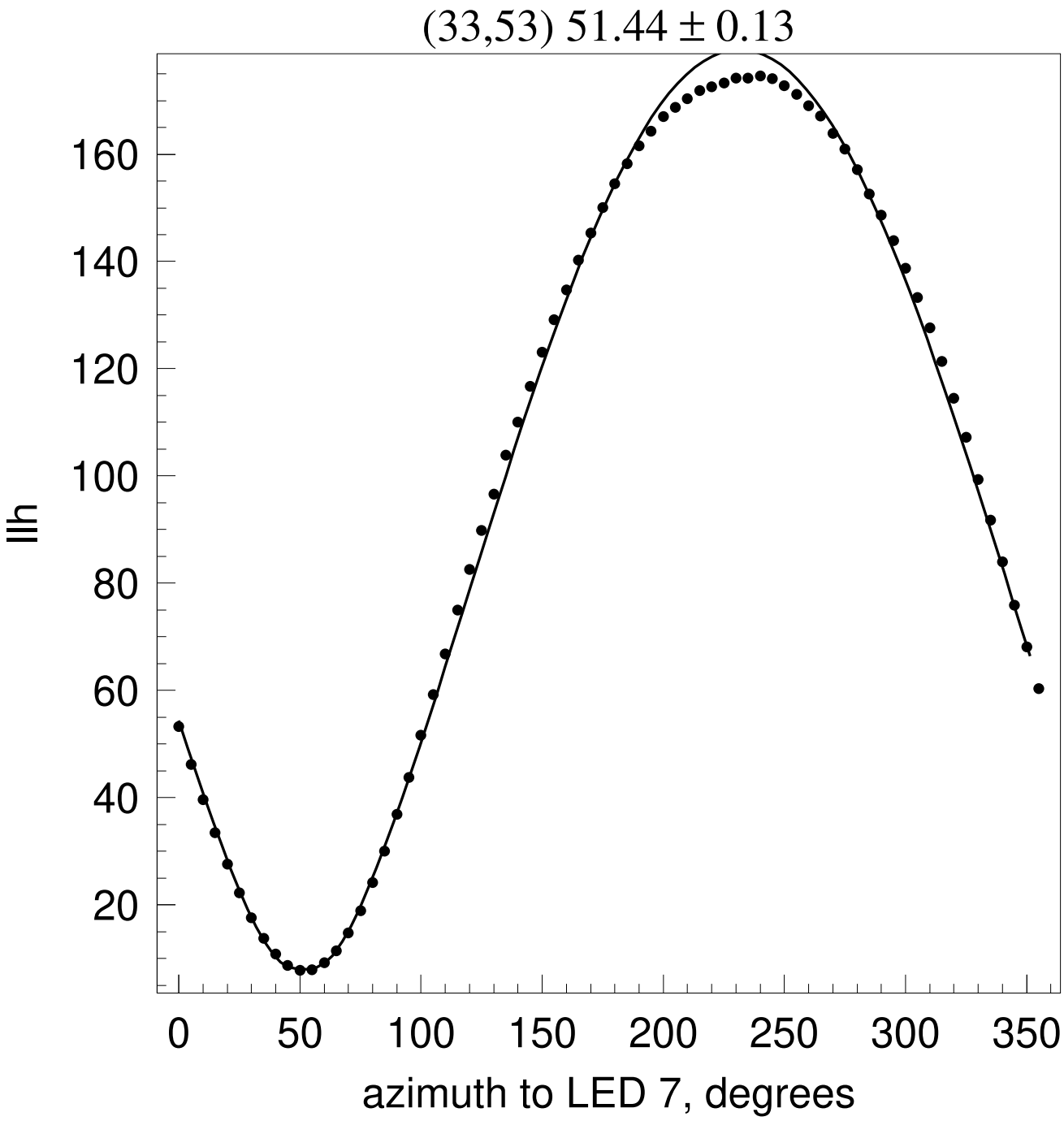

(33,48) 44.08 ± 0.14
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

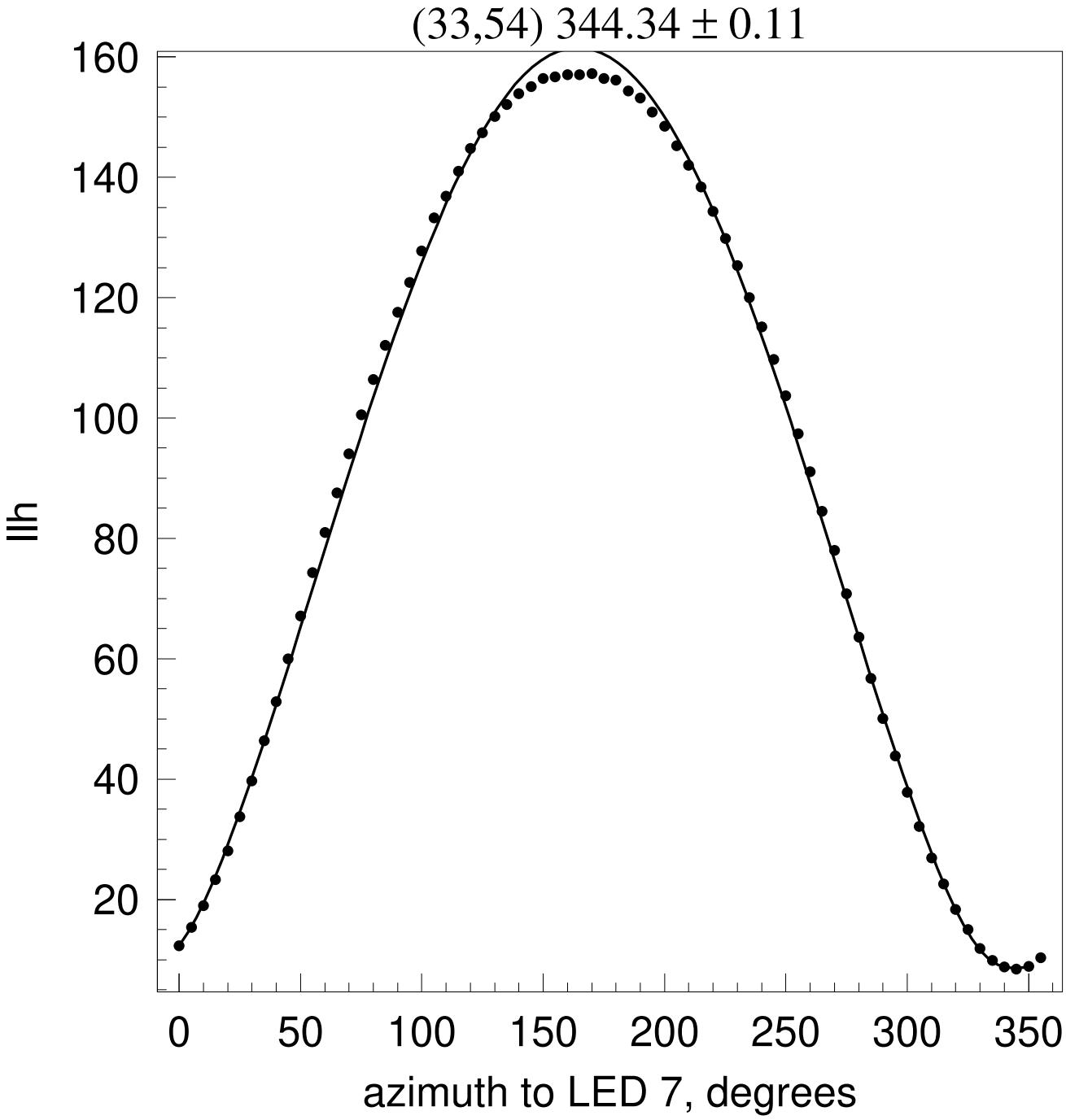

(33,49) 90.28 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

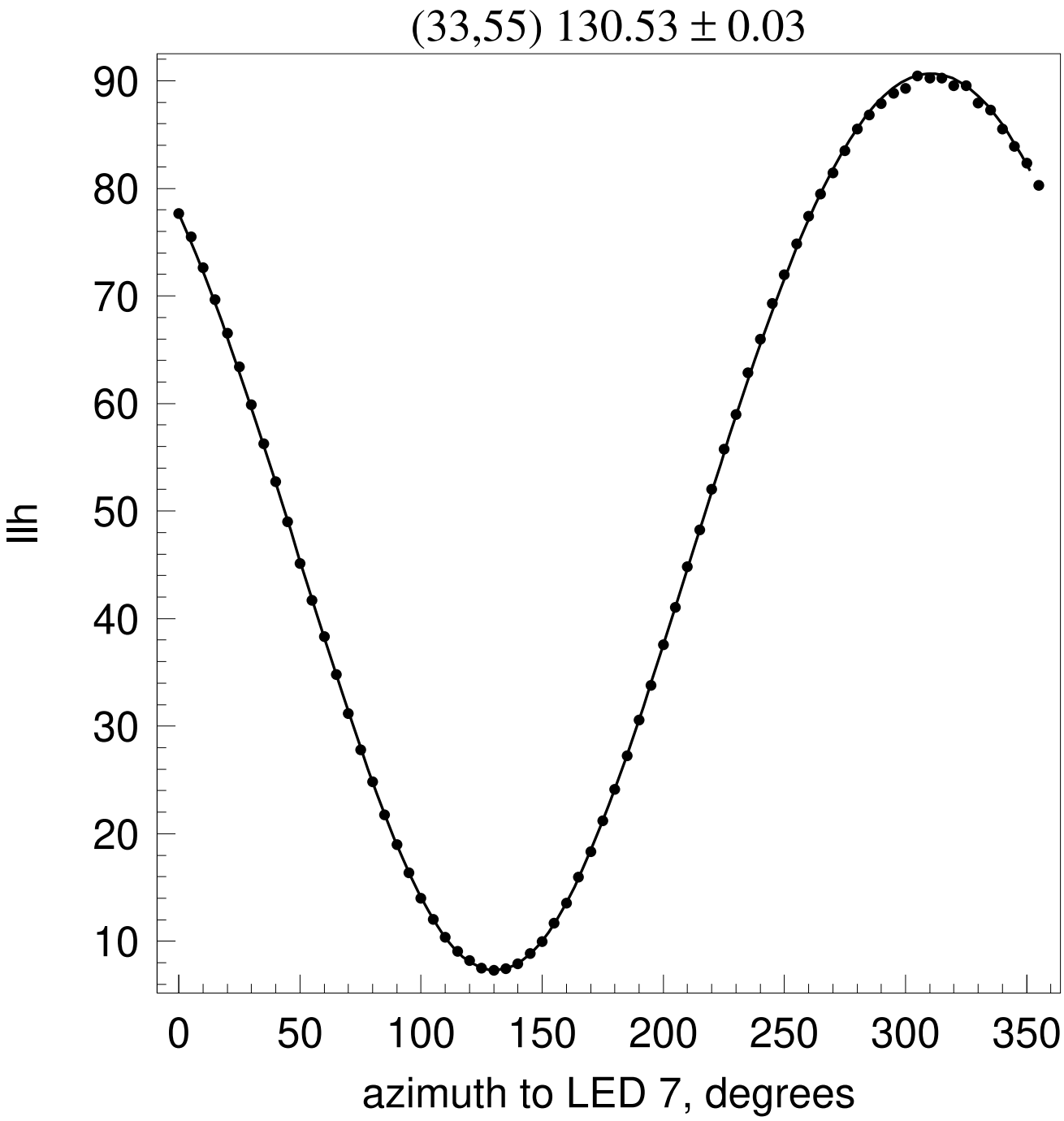

(33,50) 191.48 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

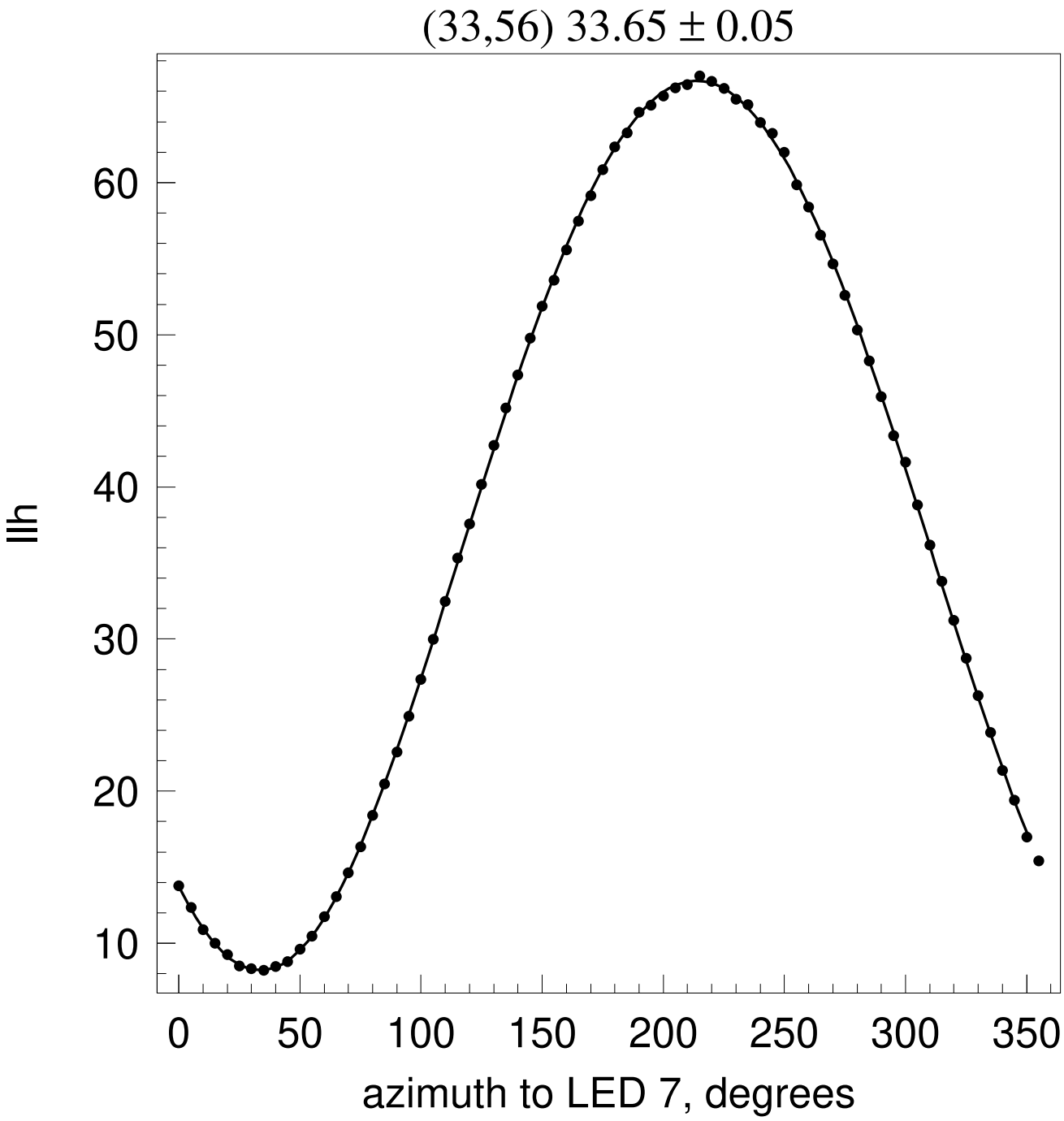

(33,51) 328.73 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

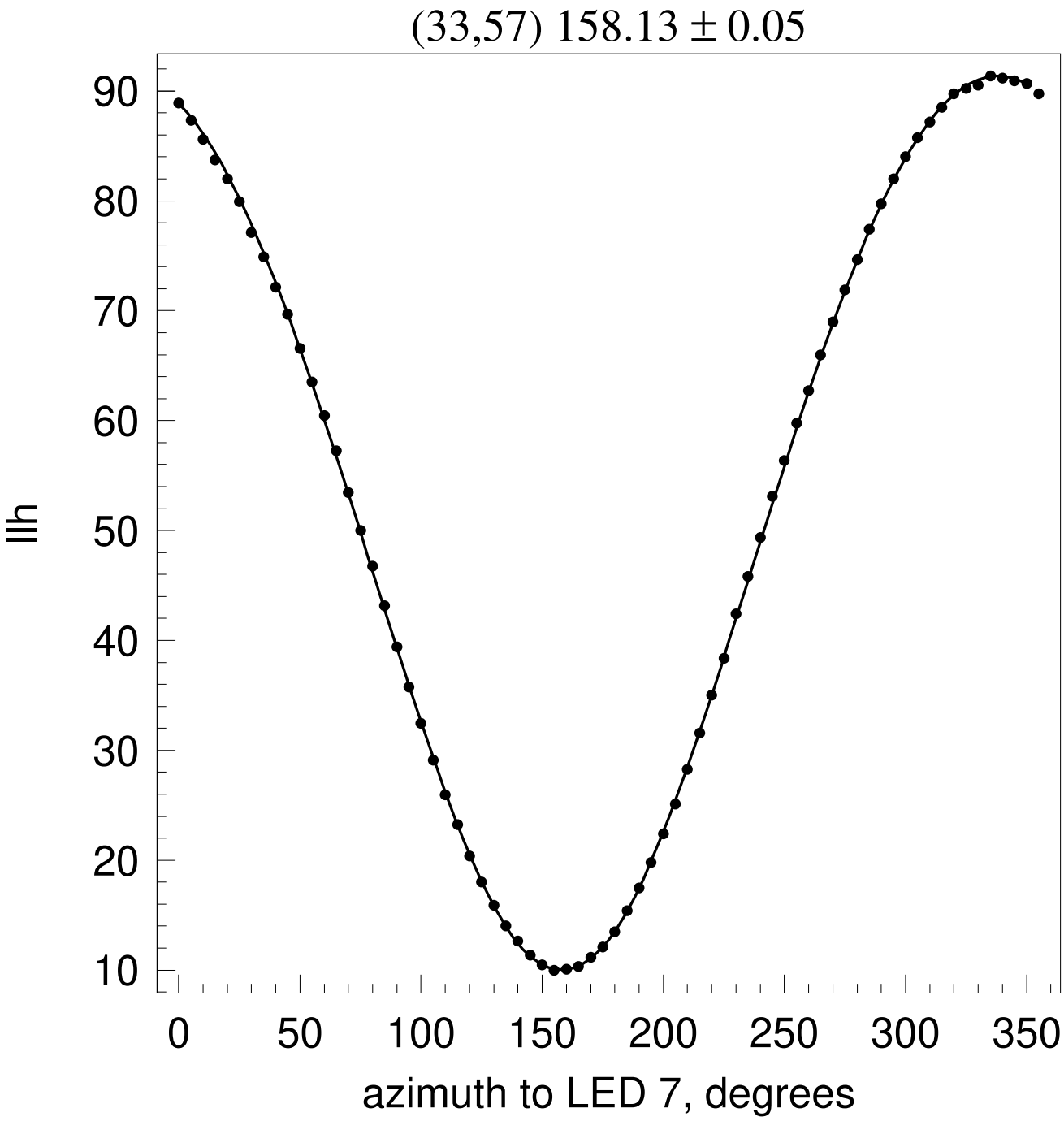

(33,52) 270.21 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

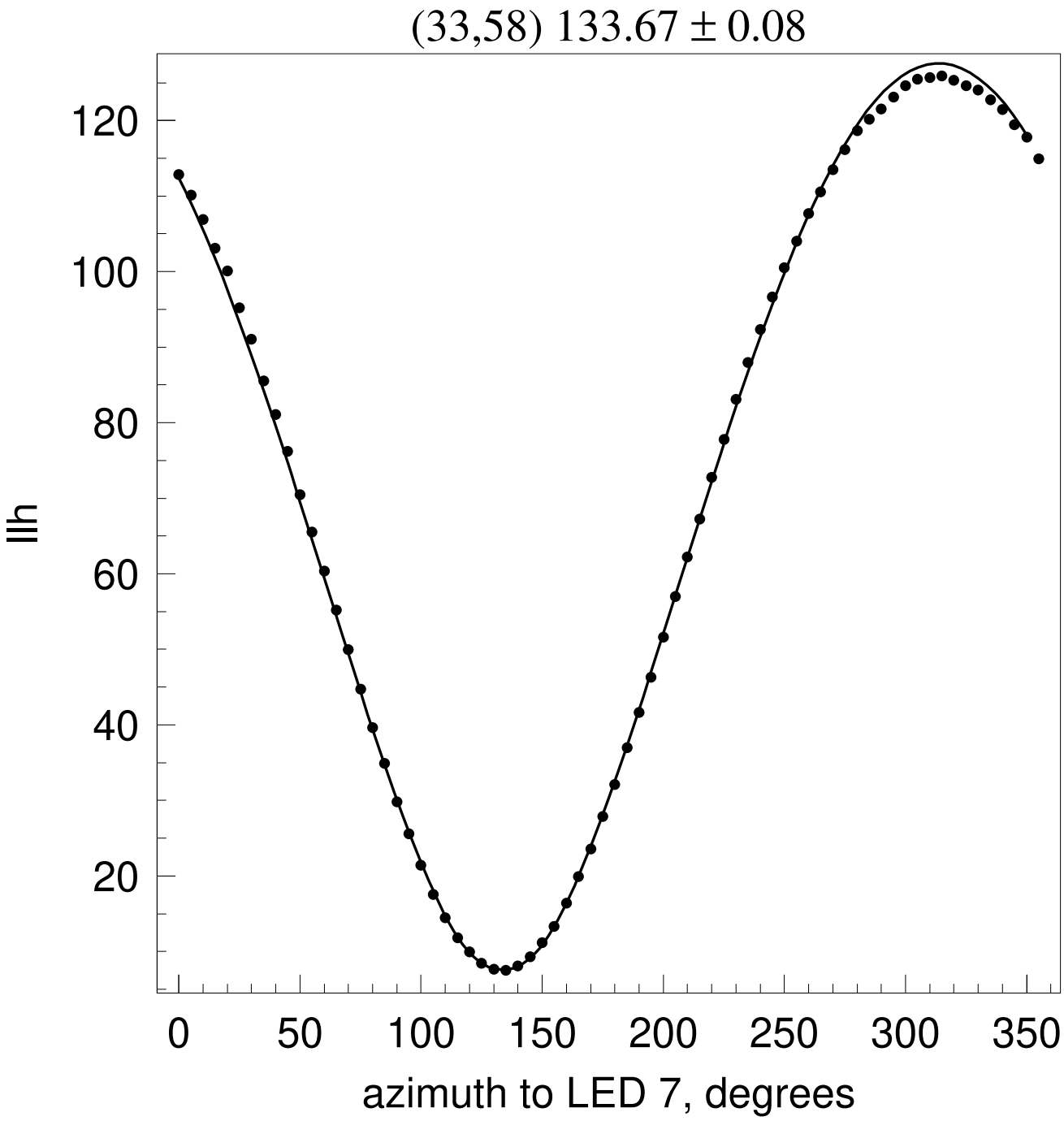

(33,53) 51.44 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

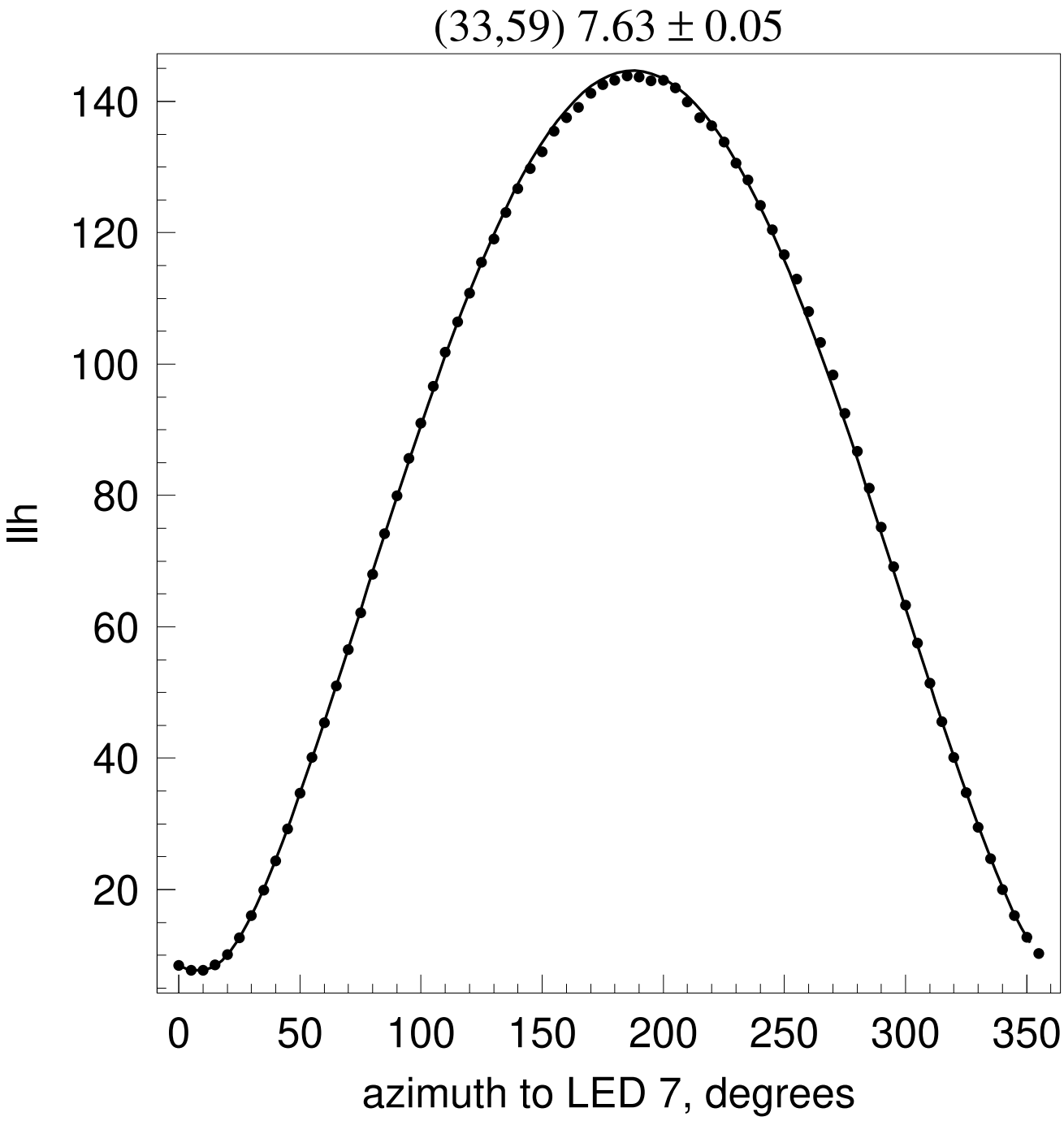

(33,54) 344.34 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

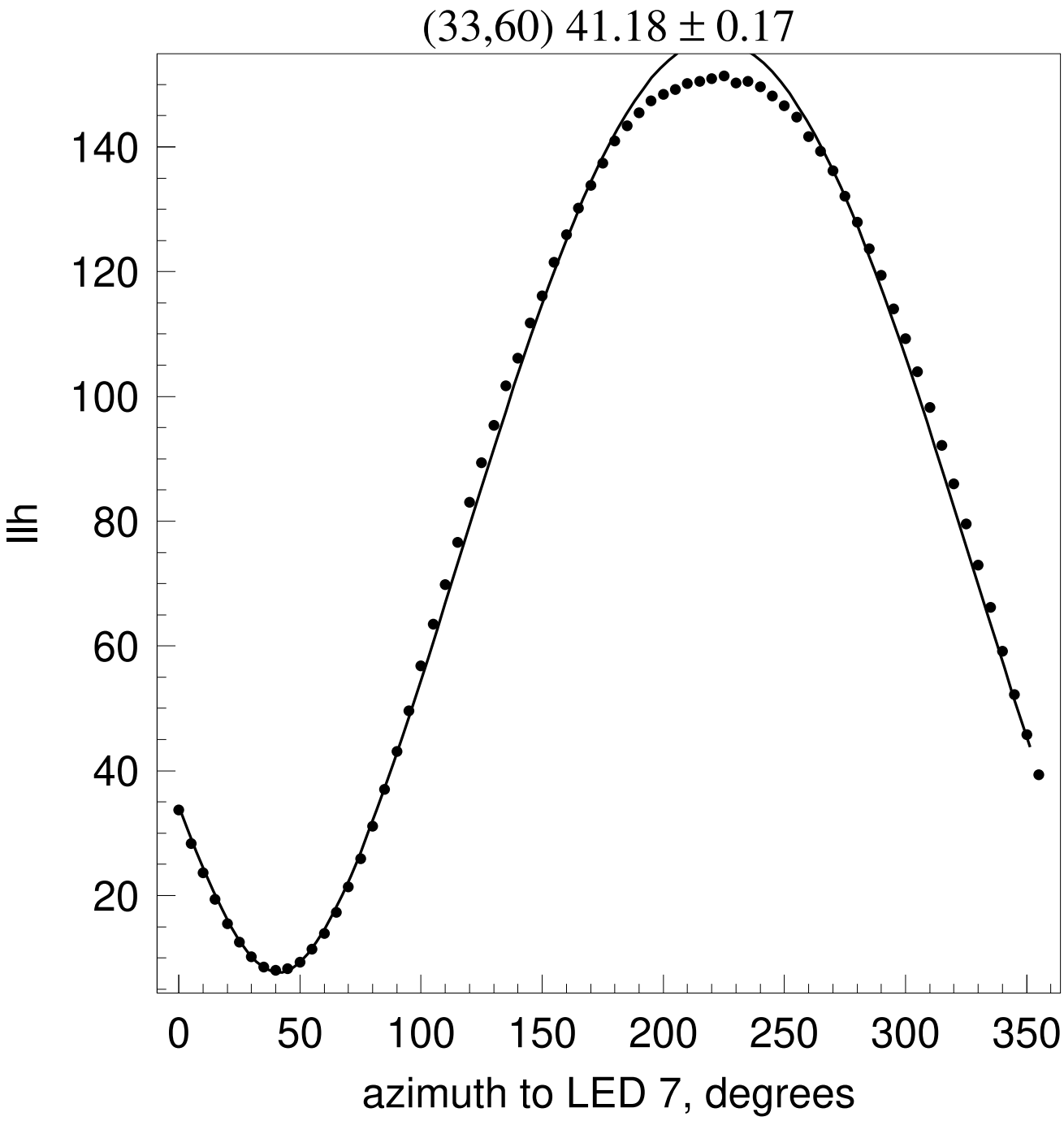

(33,55) 130.53 ± 0.03
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

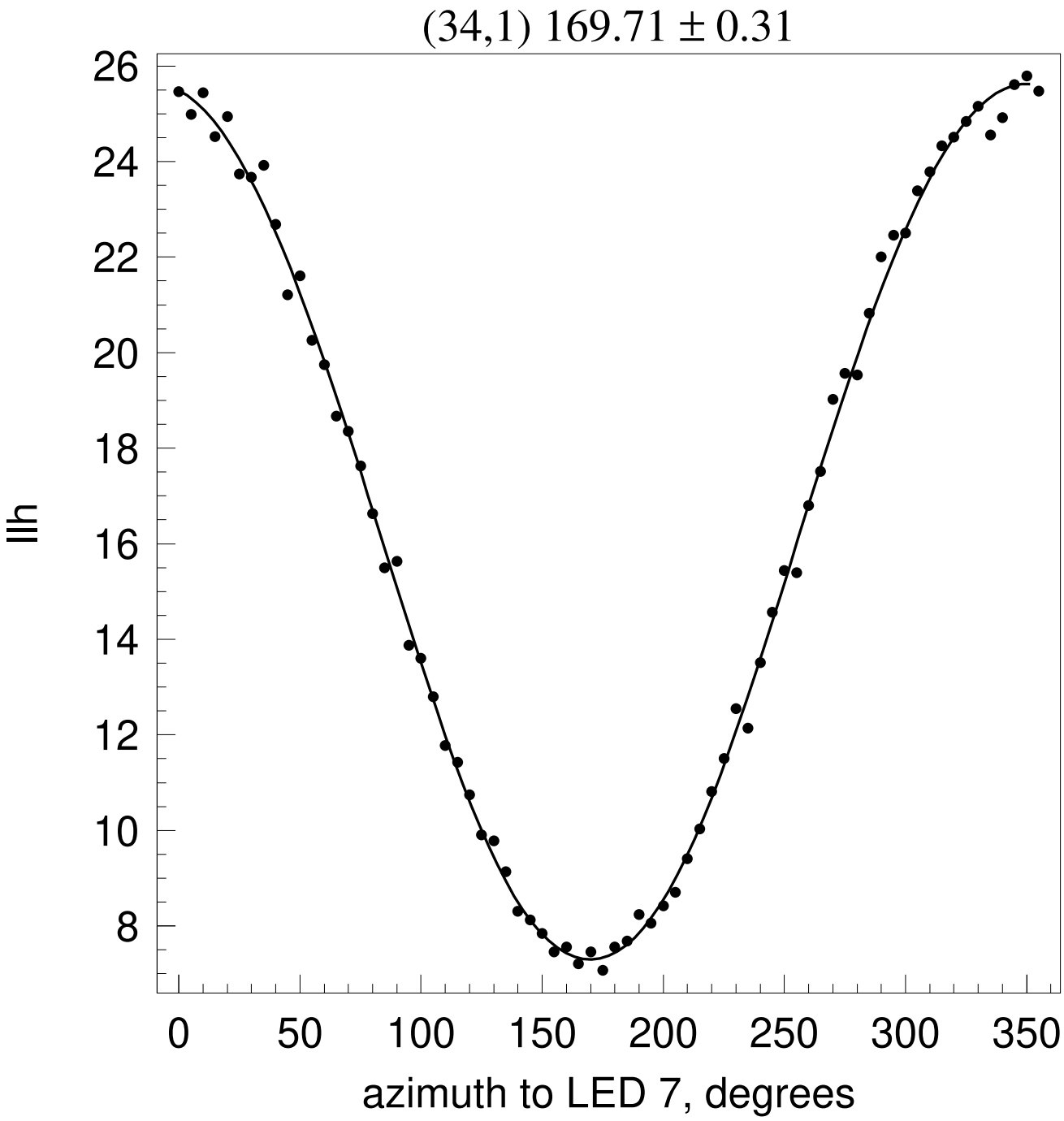

(33,56) 33.65 ± 0.05
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

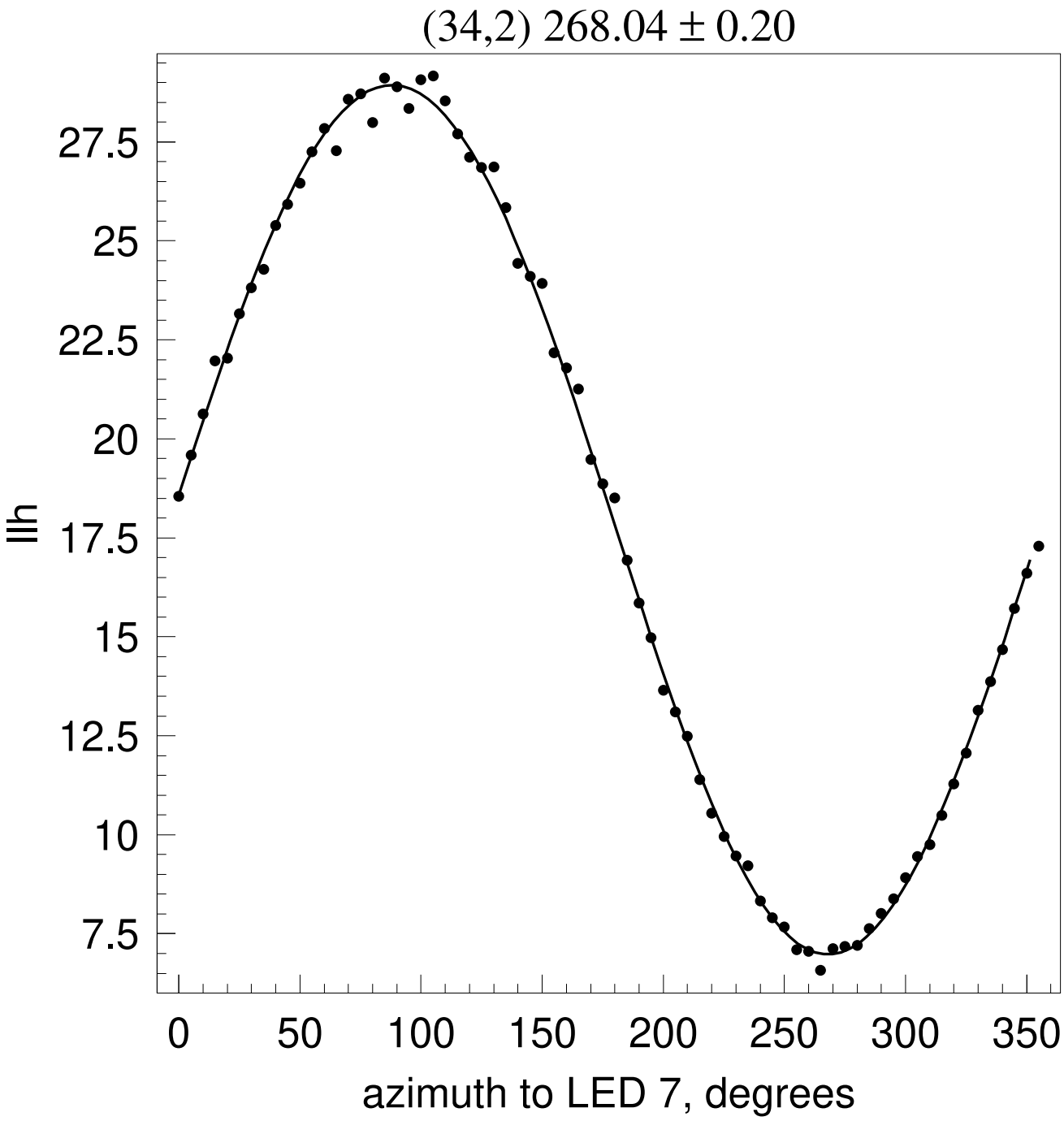

(33,57) 158.13 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

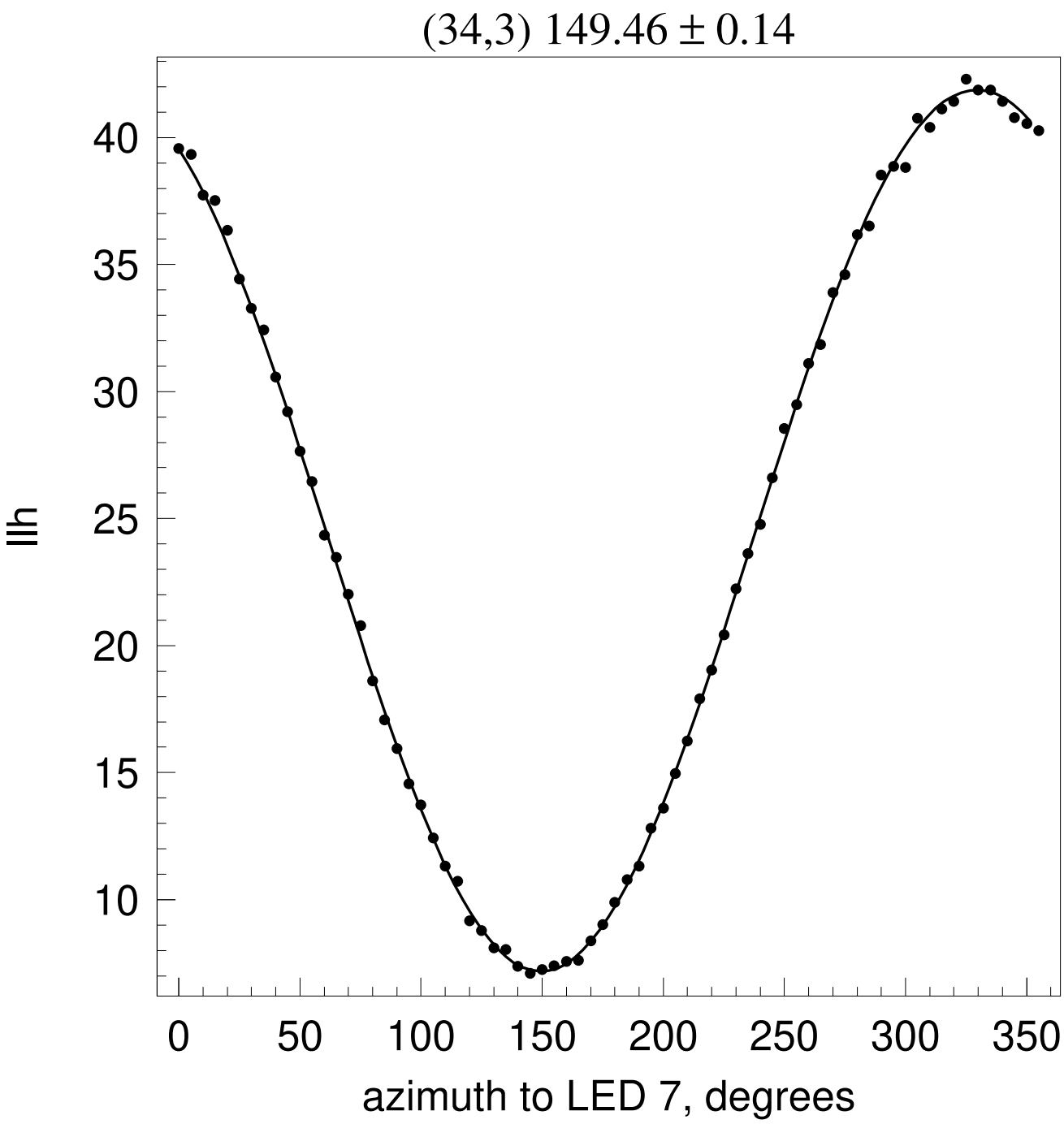

(33,58) 133.67 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

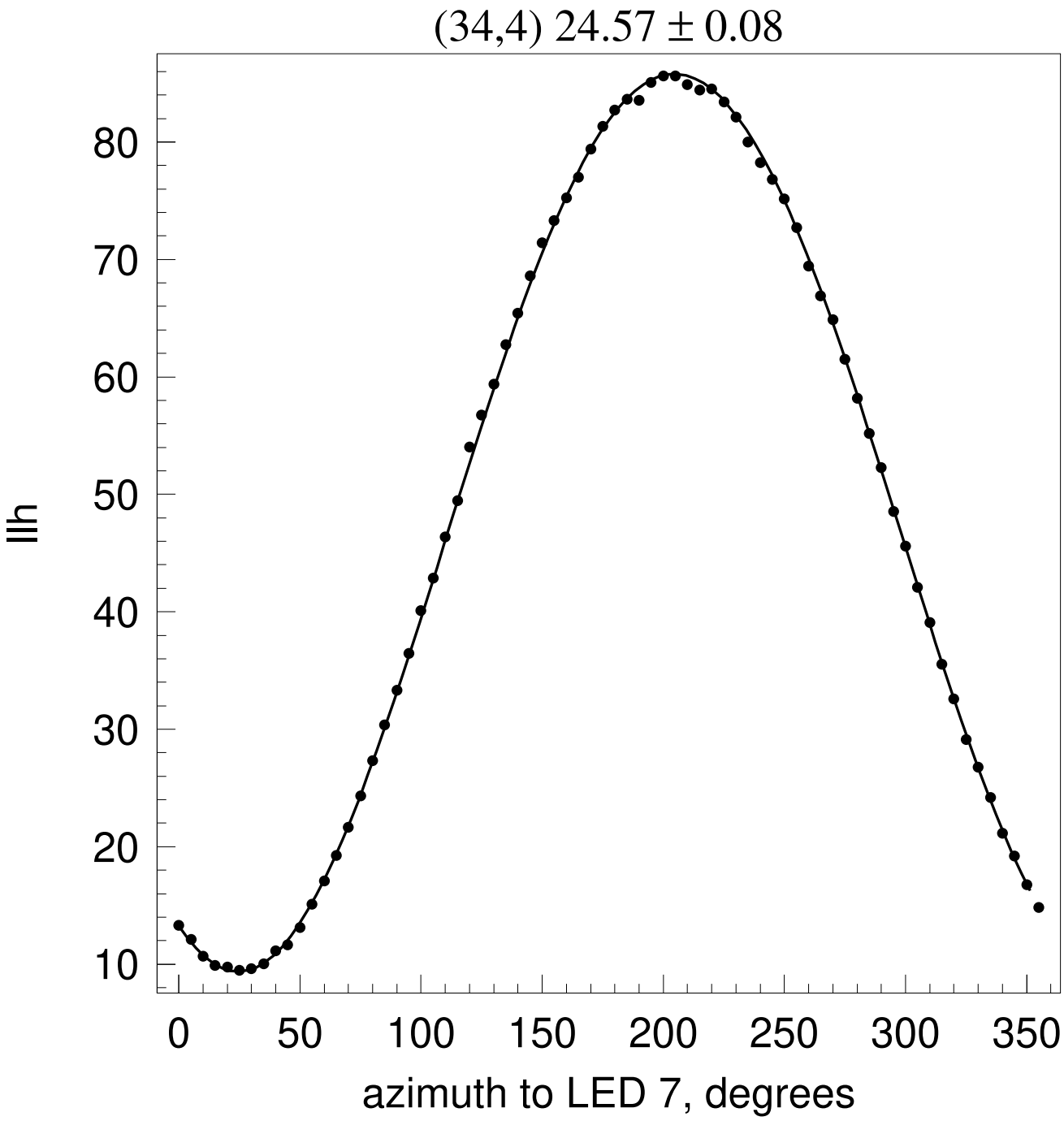

(33,59) 7.63 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

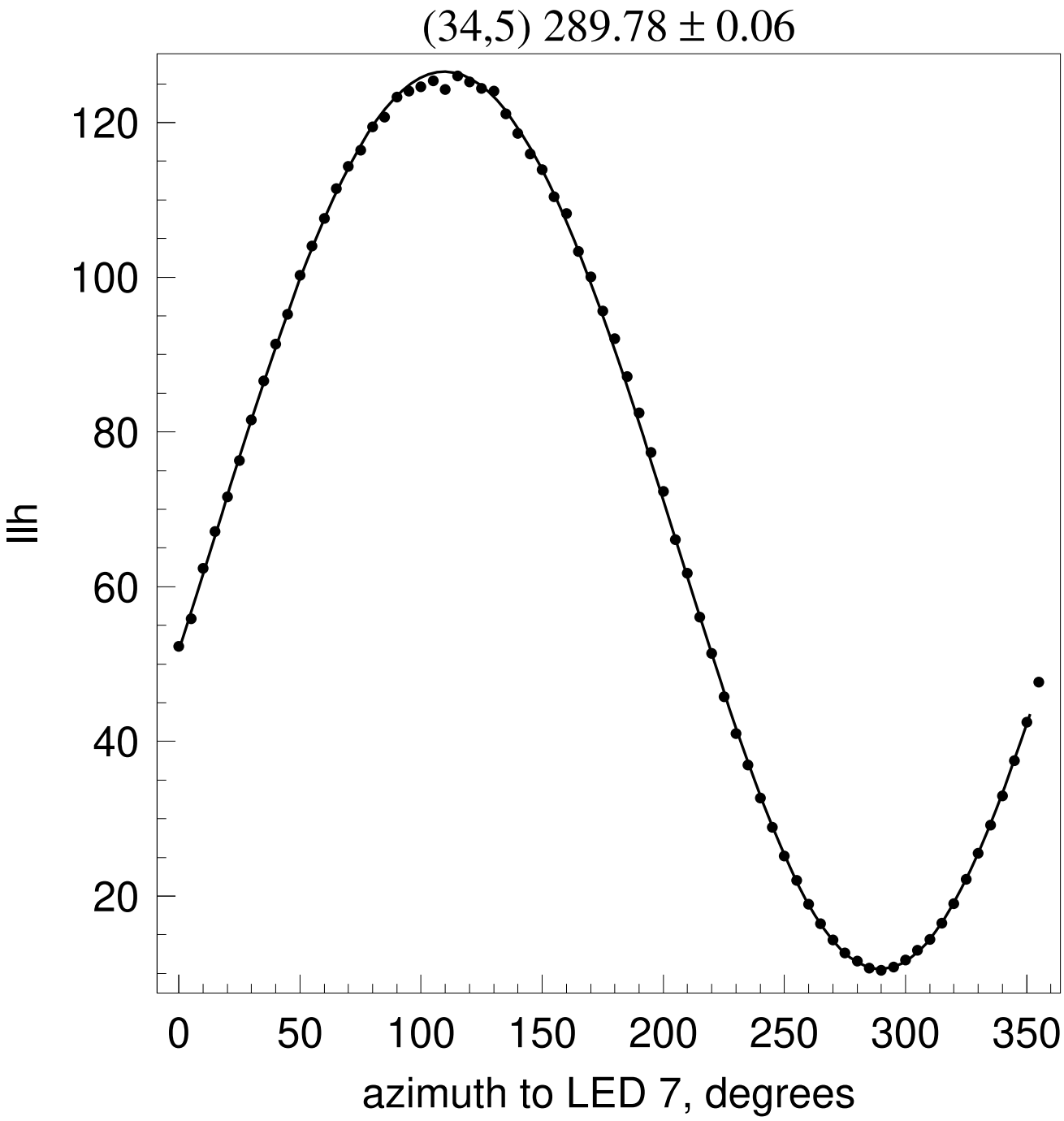

(33,60) 41.18 ± 0.17
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

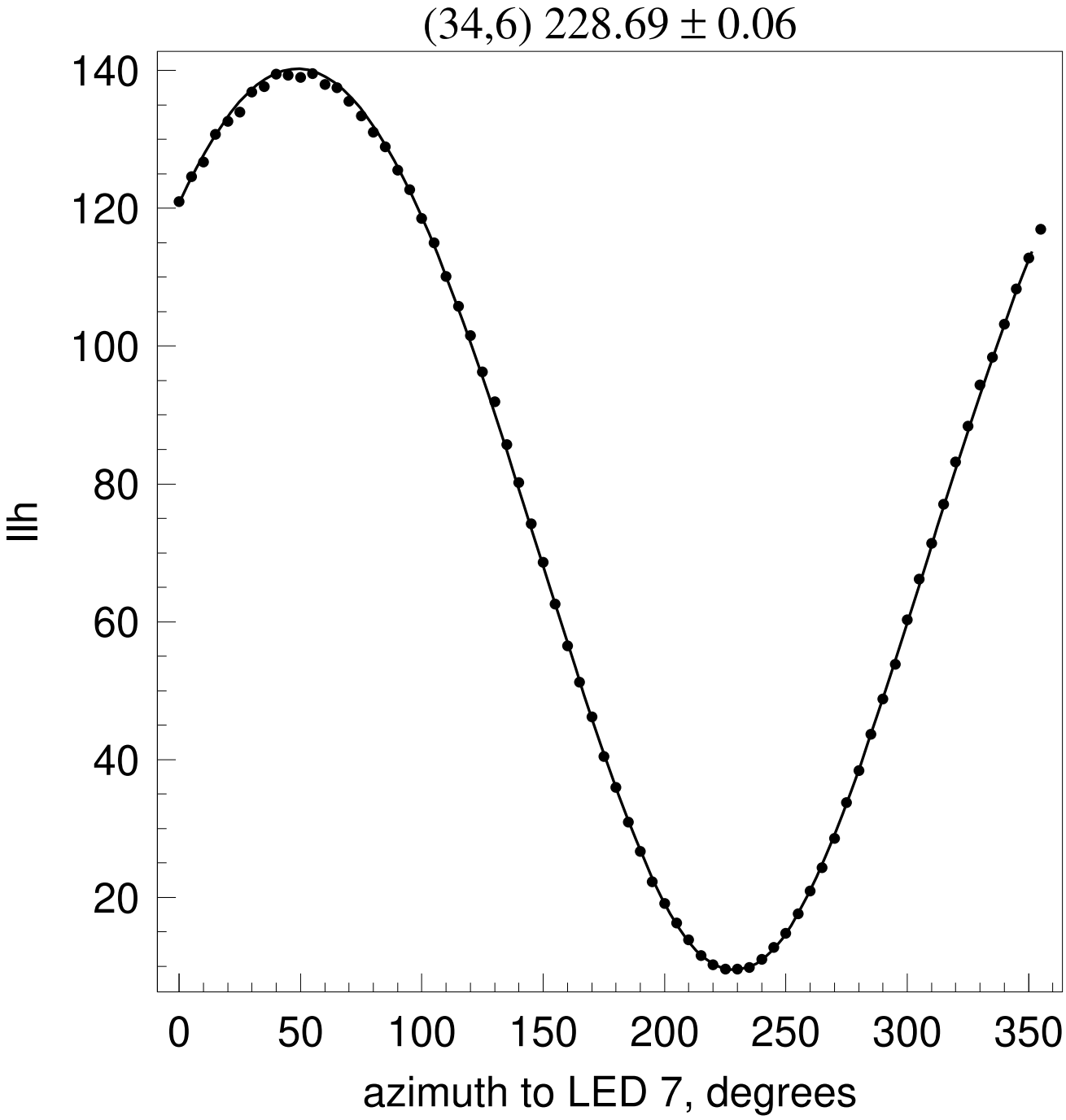

(34,1) 169.71 ± 0.31
26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

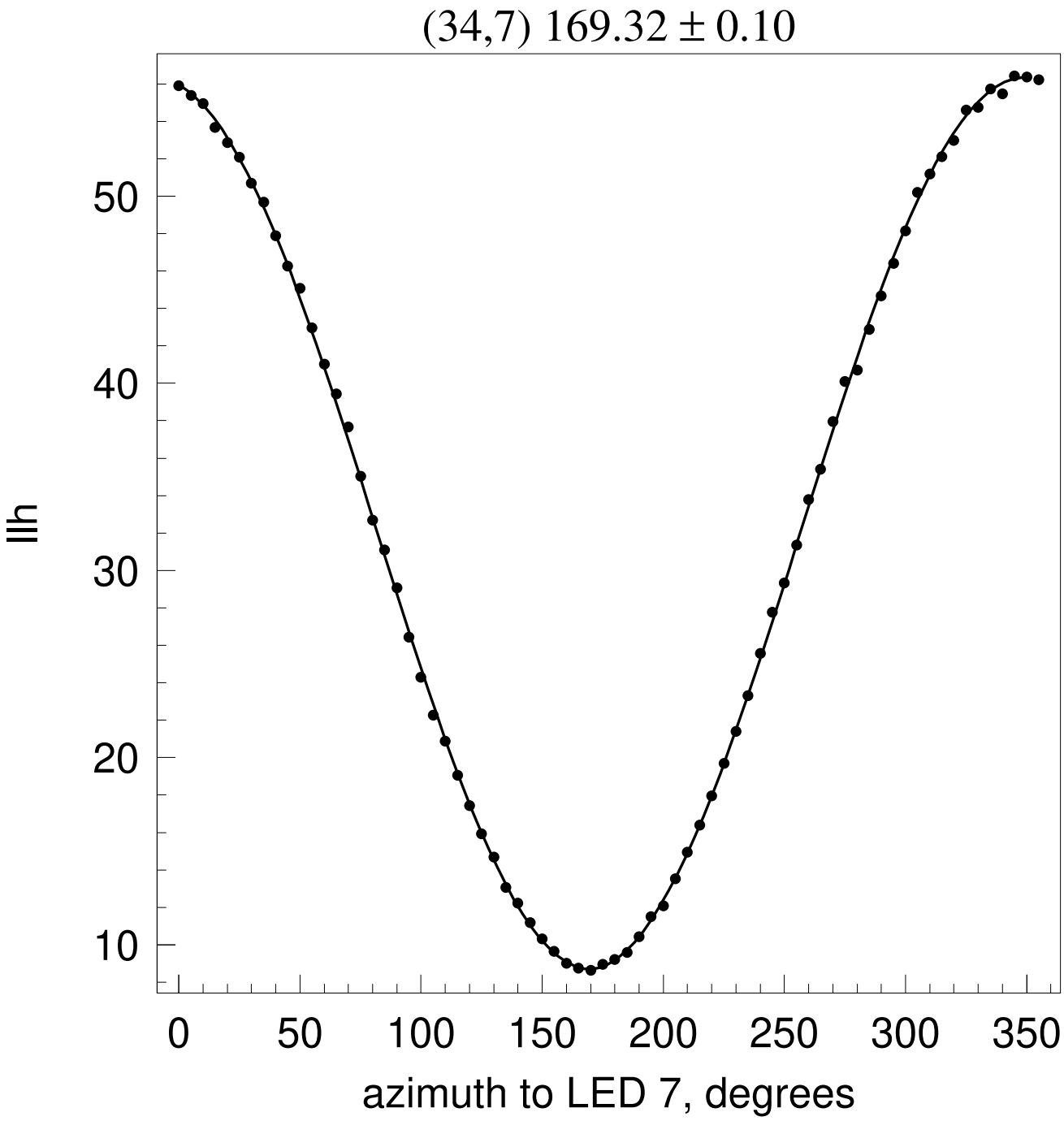

(34,2) 268.04 ± 0.20
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

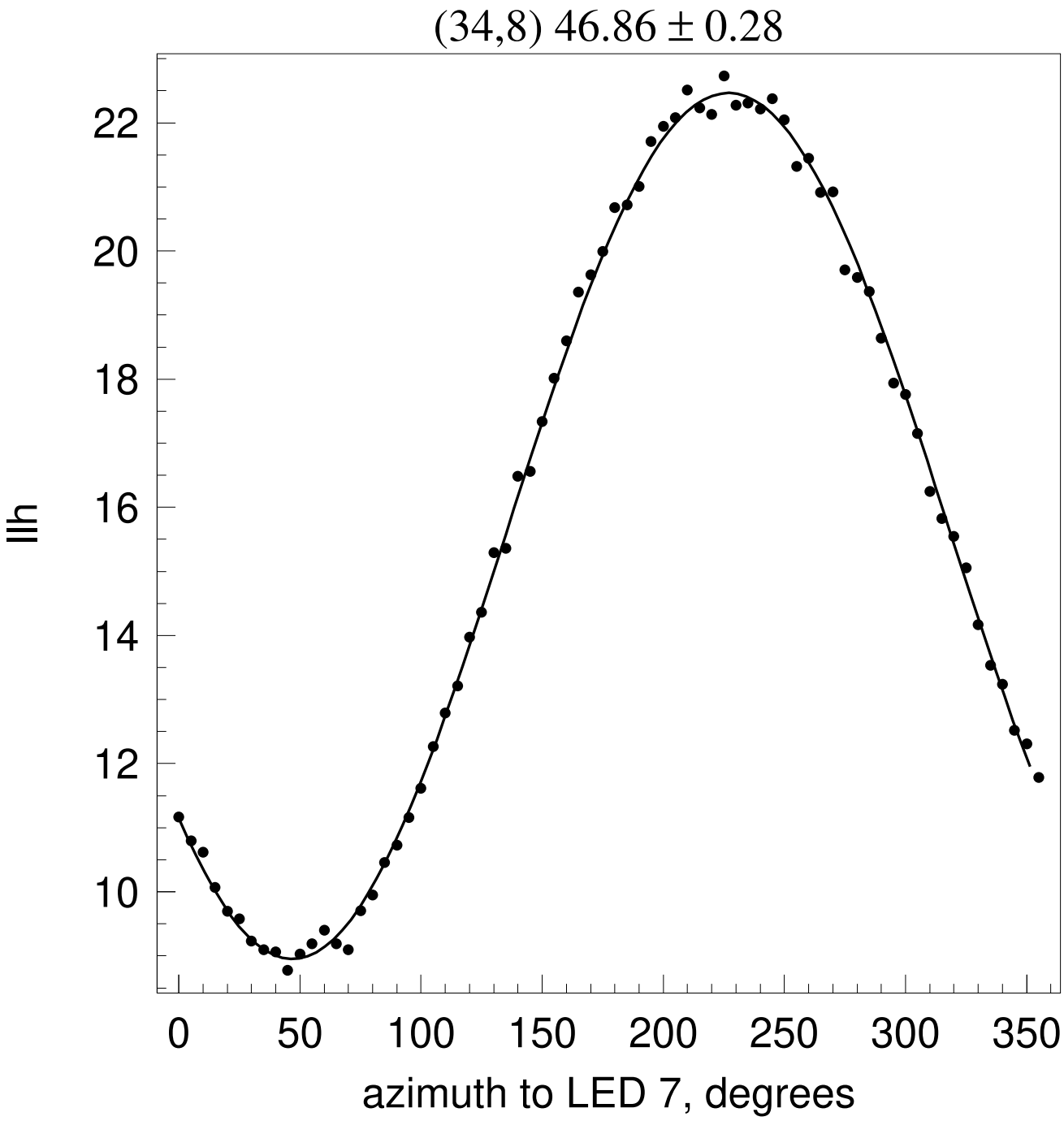

(34,3) 149.46 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

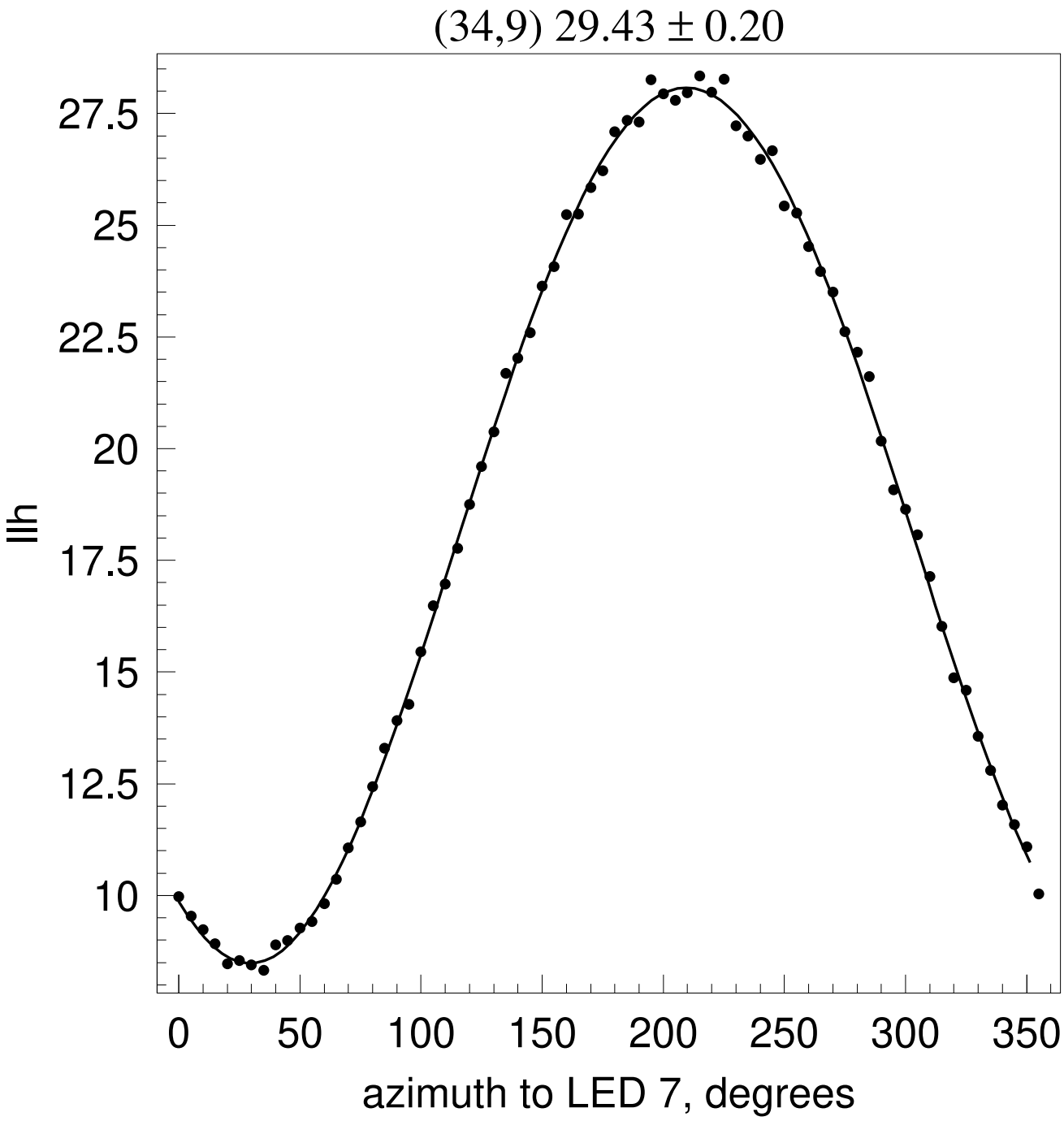

(34,4) 24.57 ± 0.08
llh
10
20
30
40
50
60
70
80
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

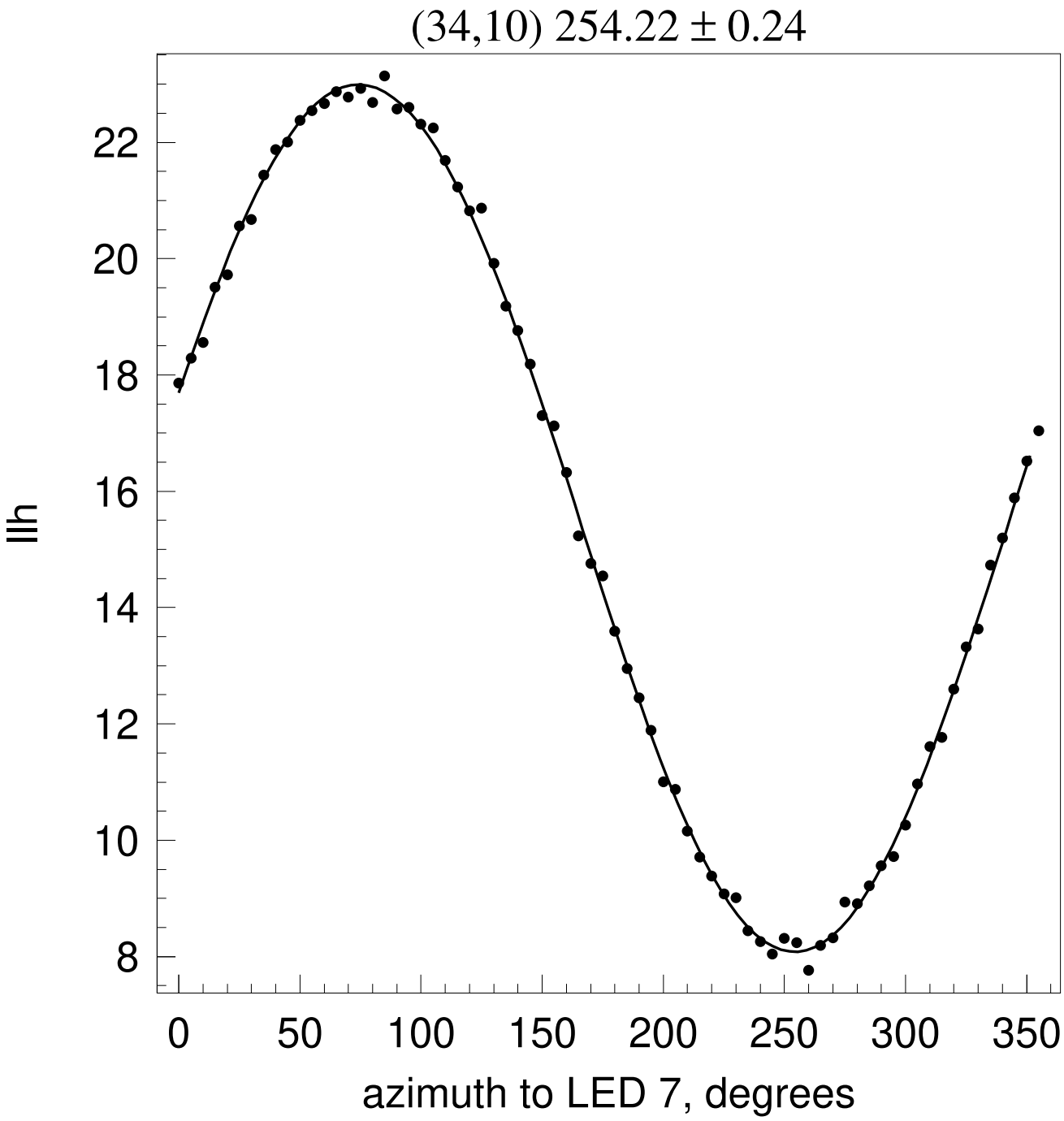

(34,5) 289.78 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

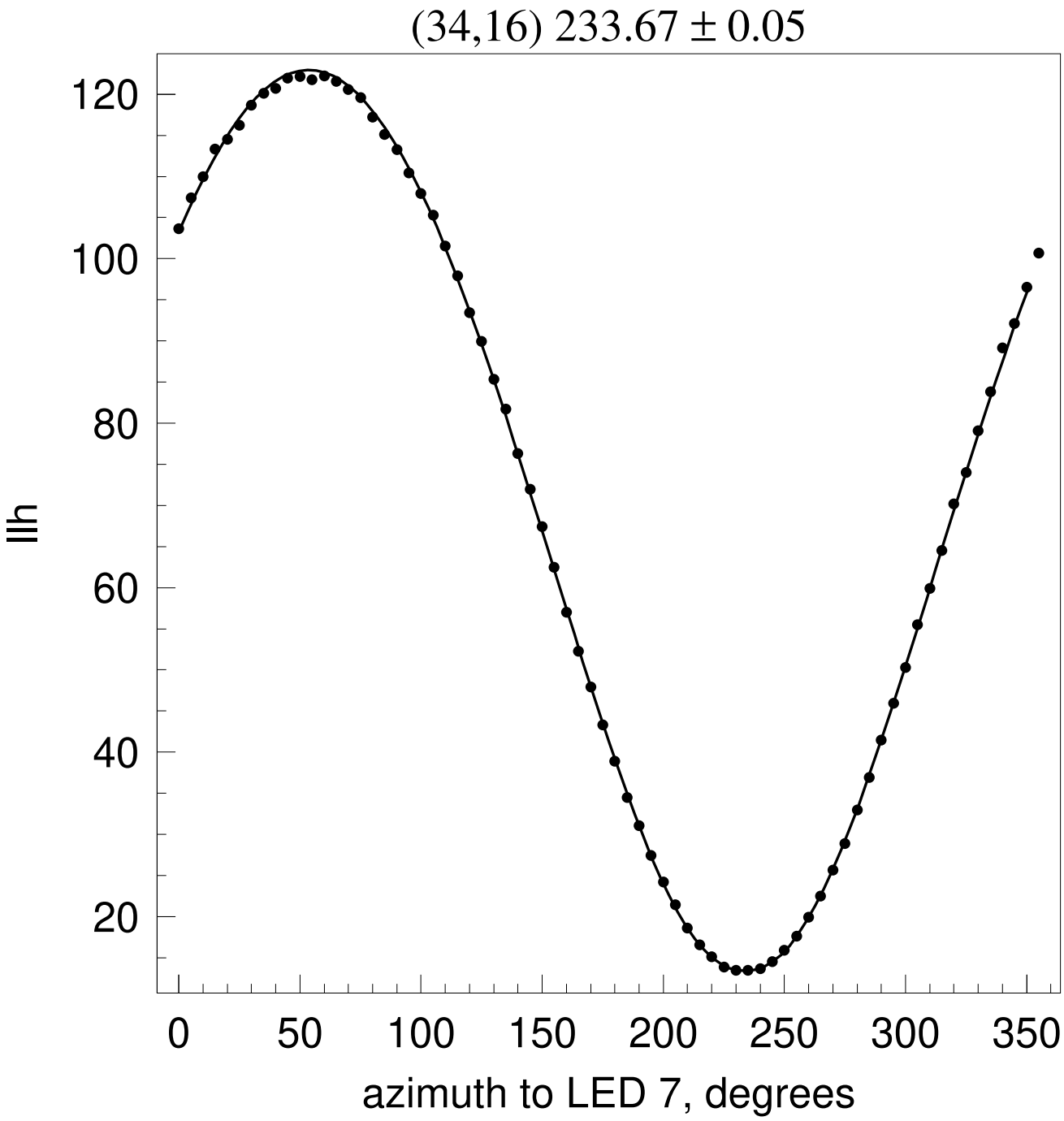

(34,6) 228.69 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

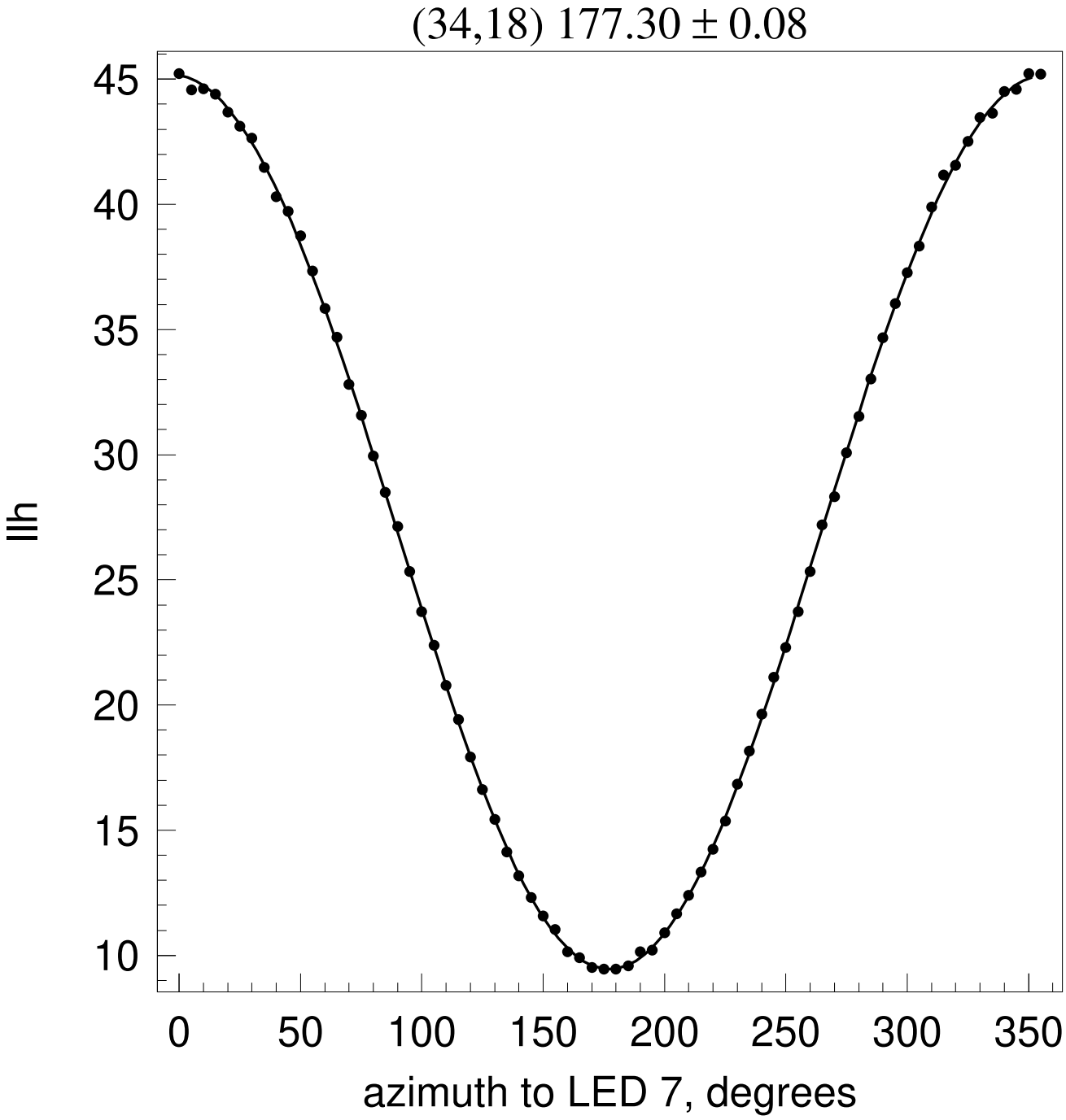

(34,7) 169.32 ± 0.10
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

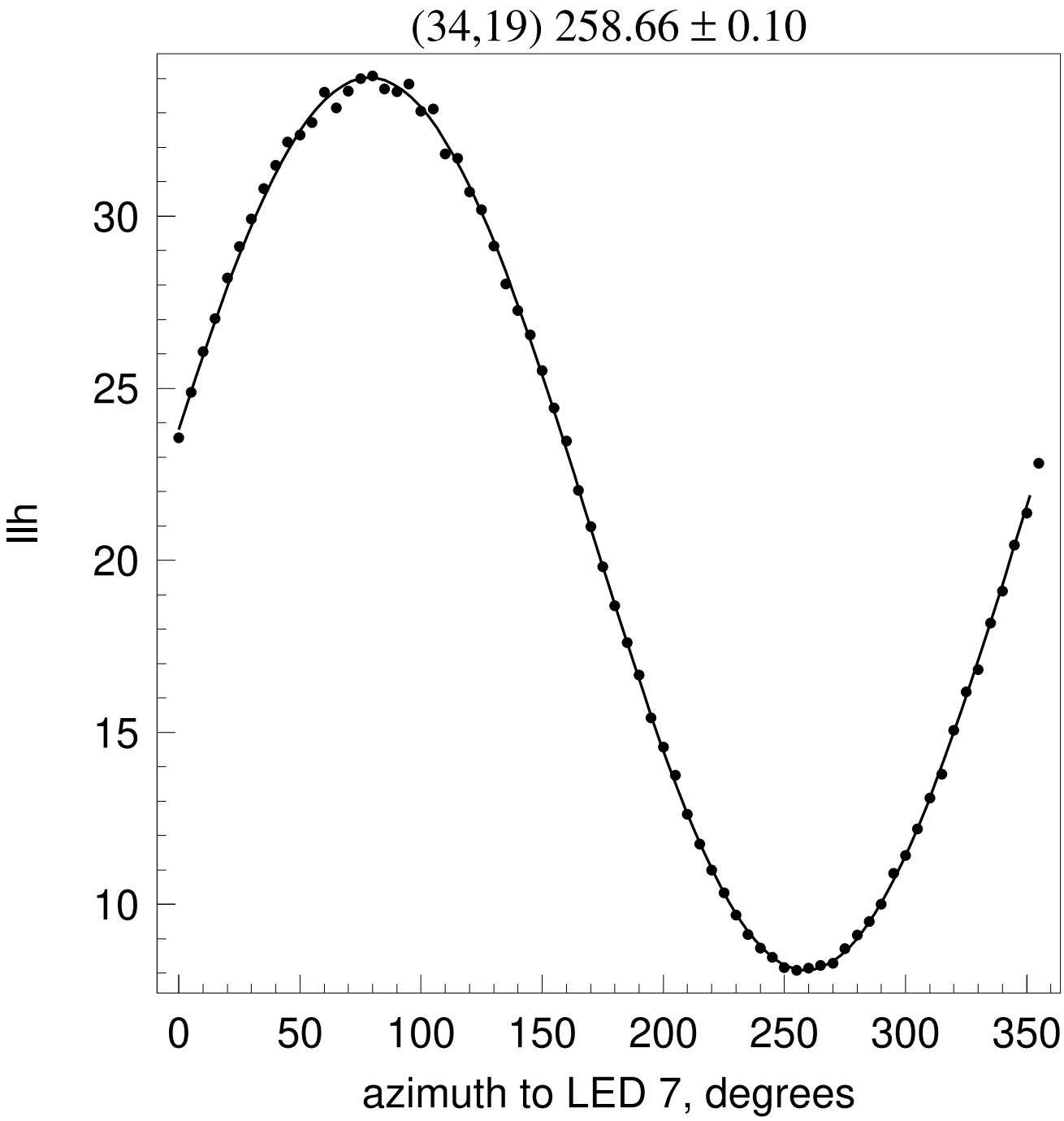

(34,8) 46.86 ± 0.28
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

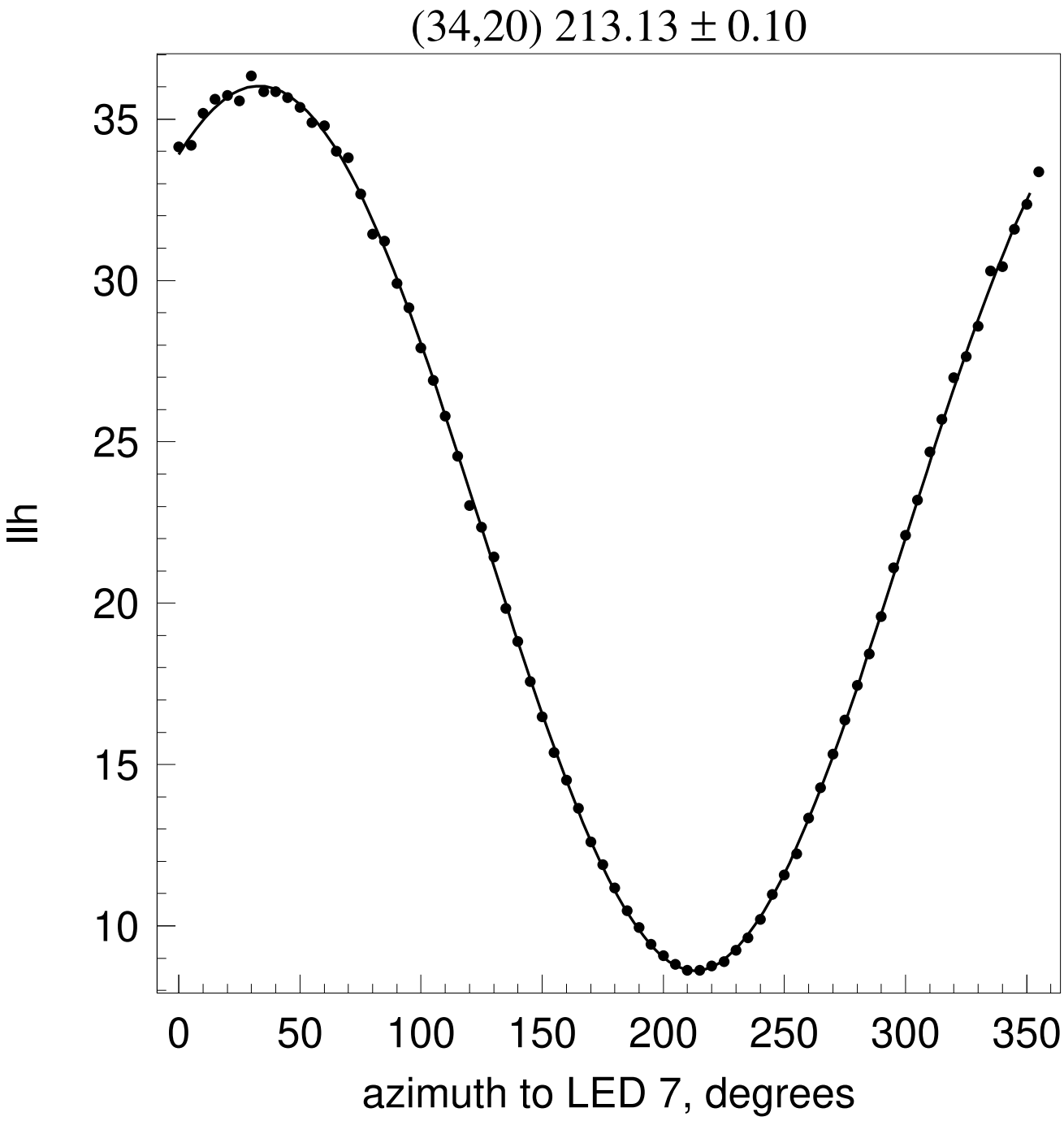

(34,9) 29.43 ± 0.20
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

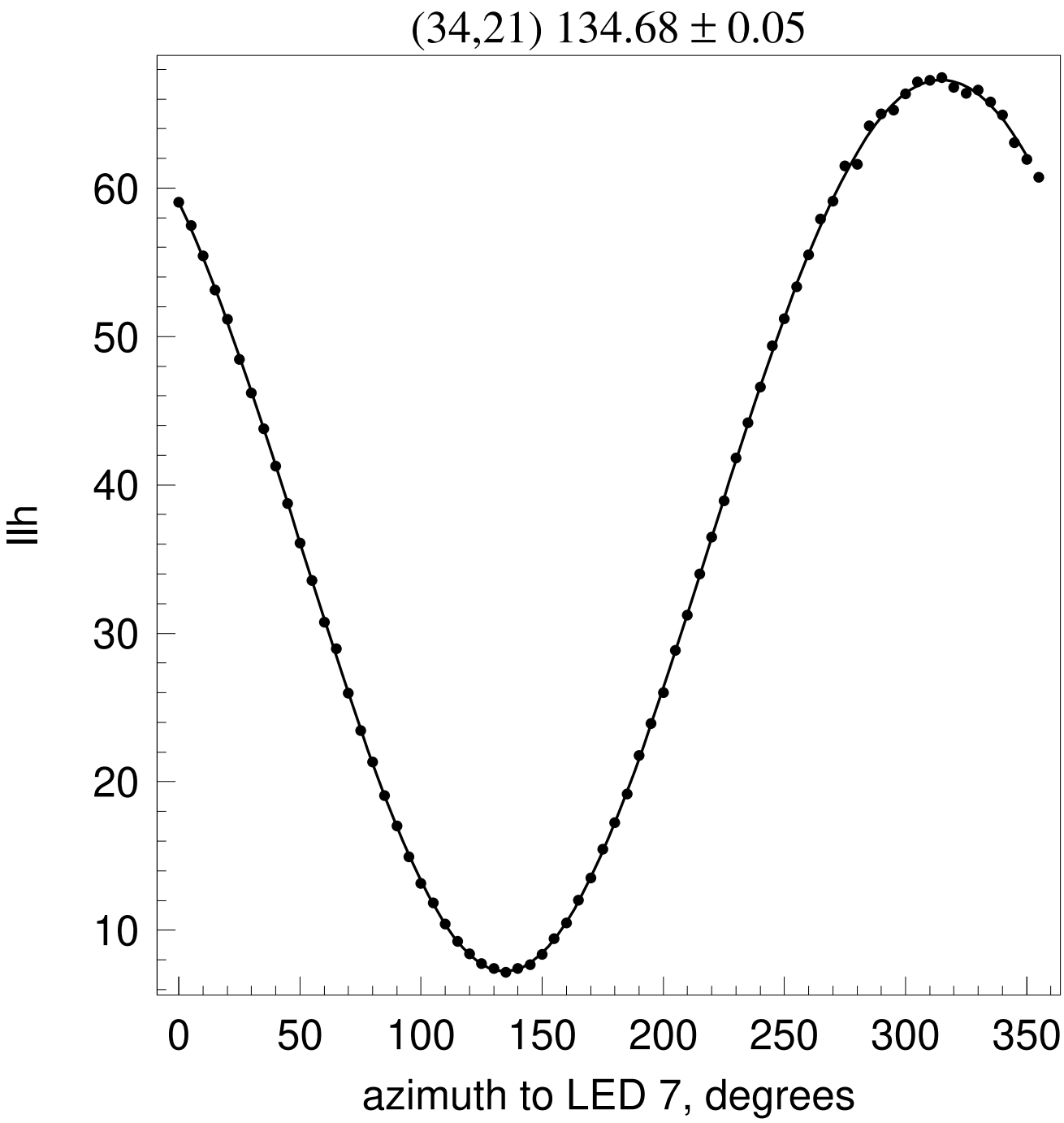

(34,10) 254.22 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

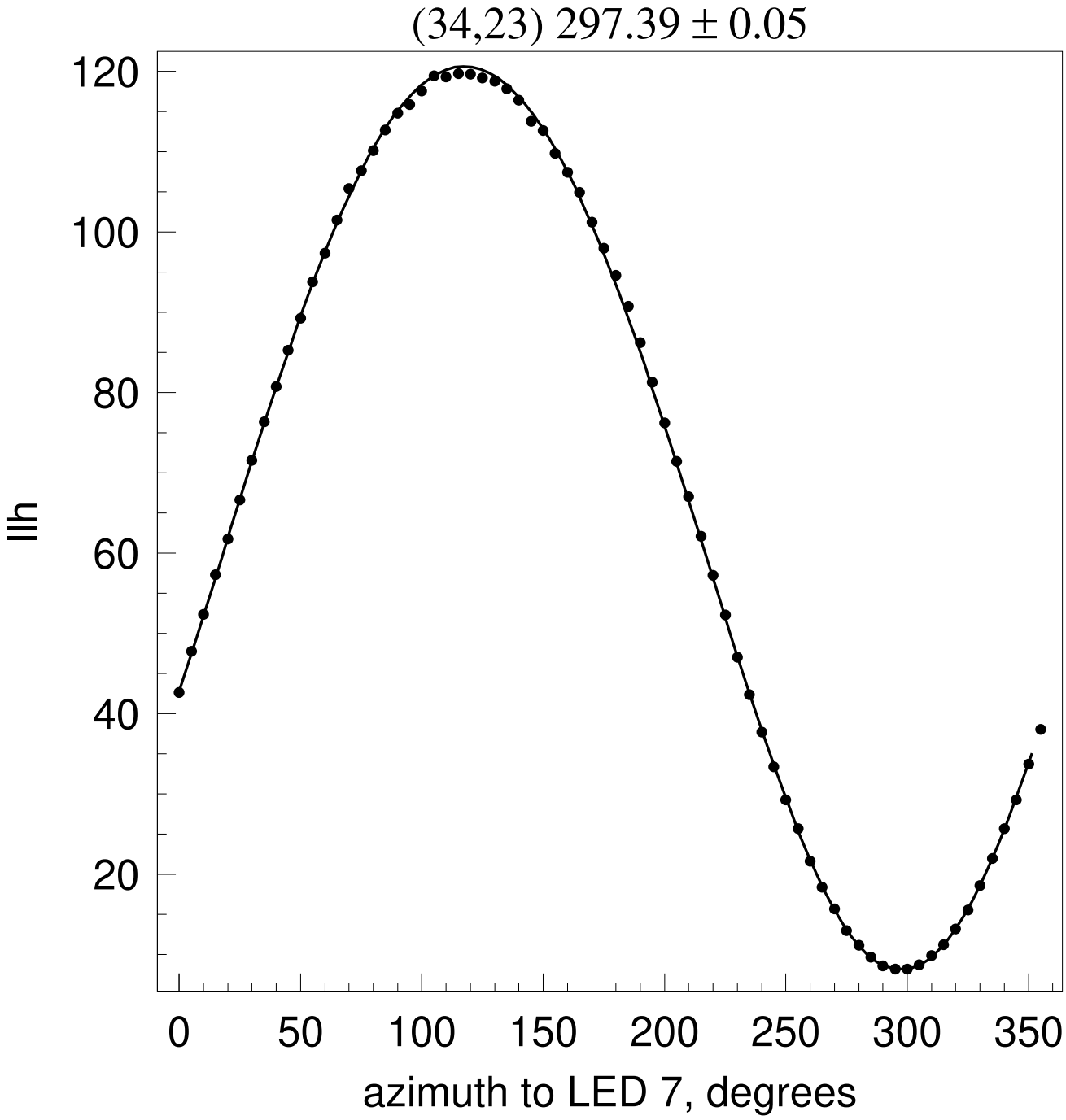

(34,16) 233.67 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

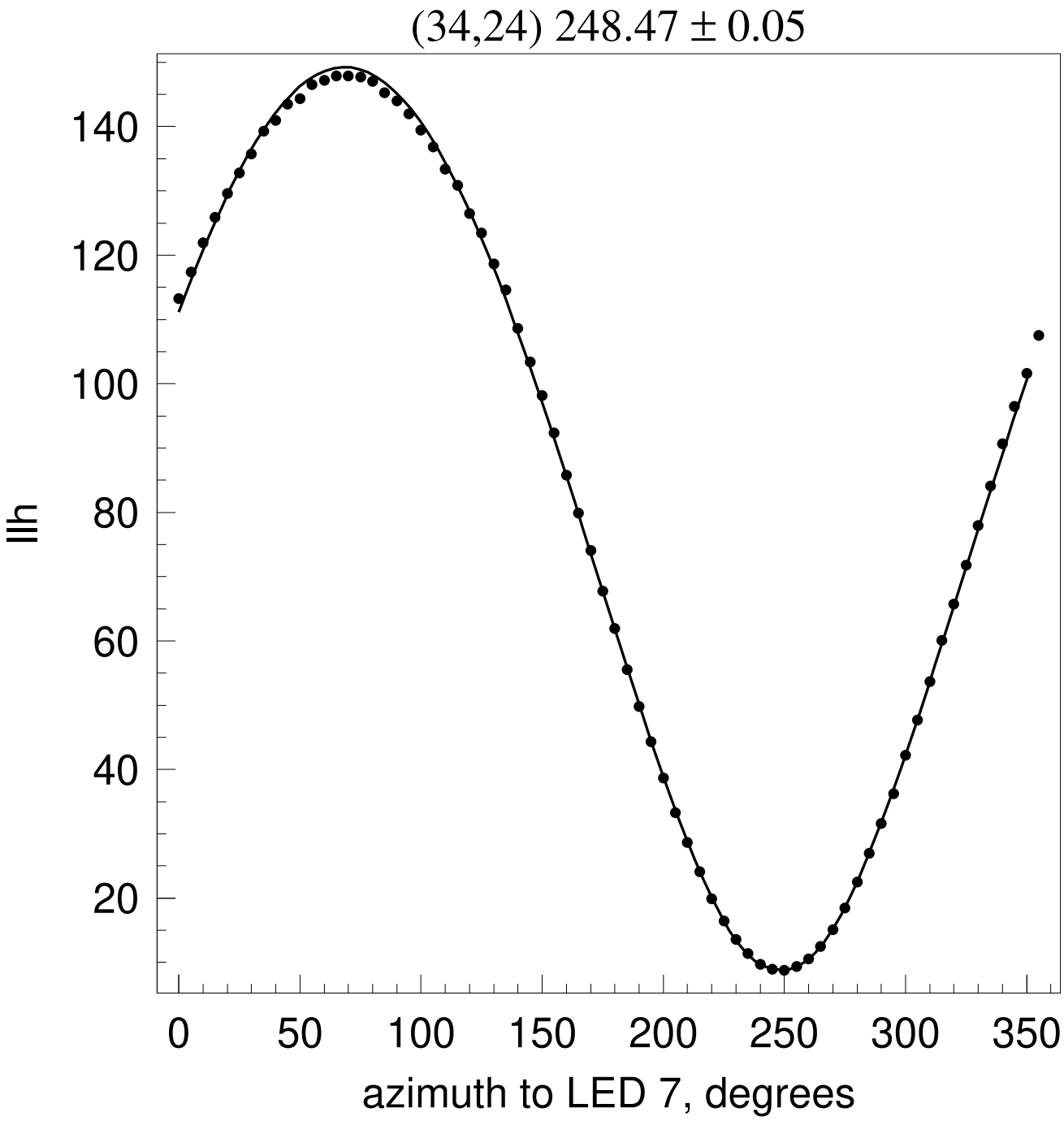

(34,18) 177.30 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

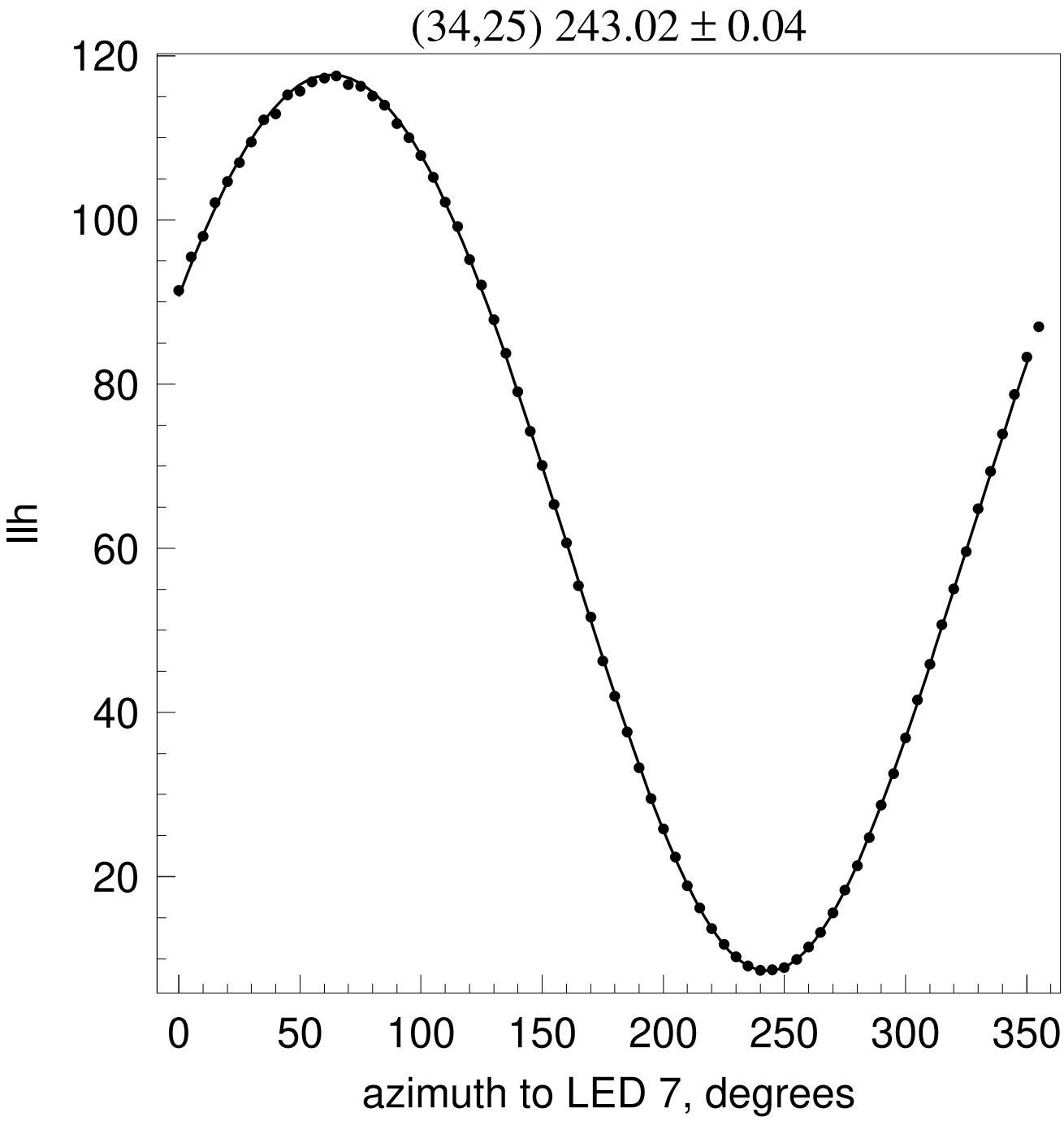

(34,19) 258.66 ± 0.10
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

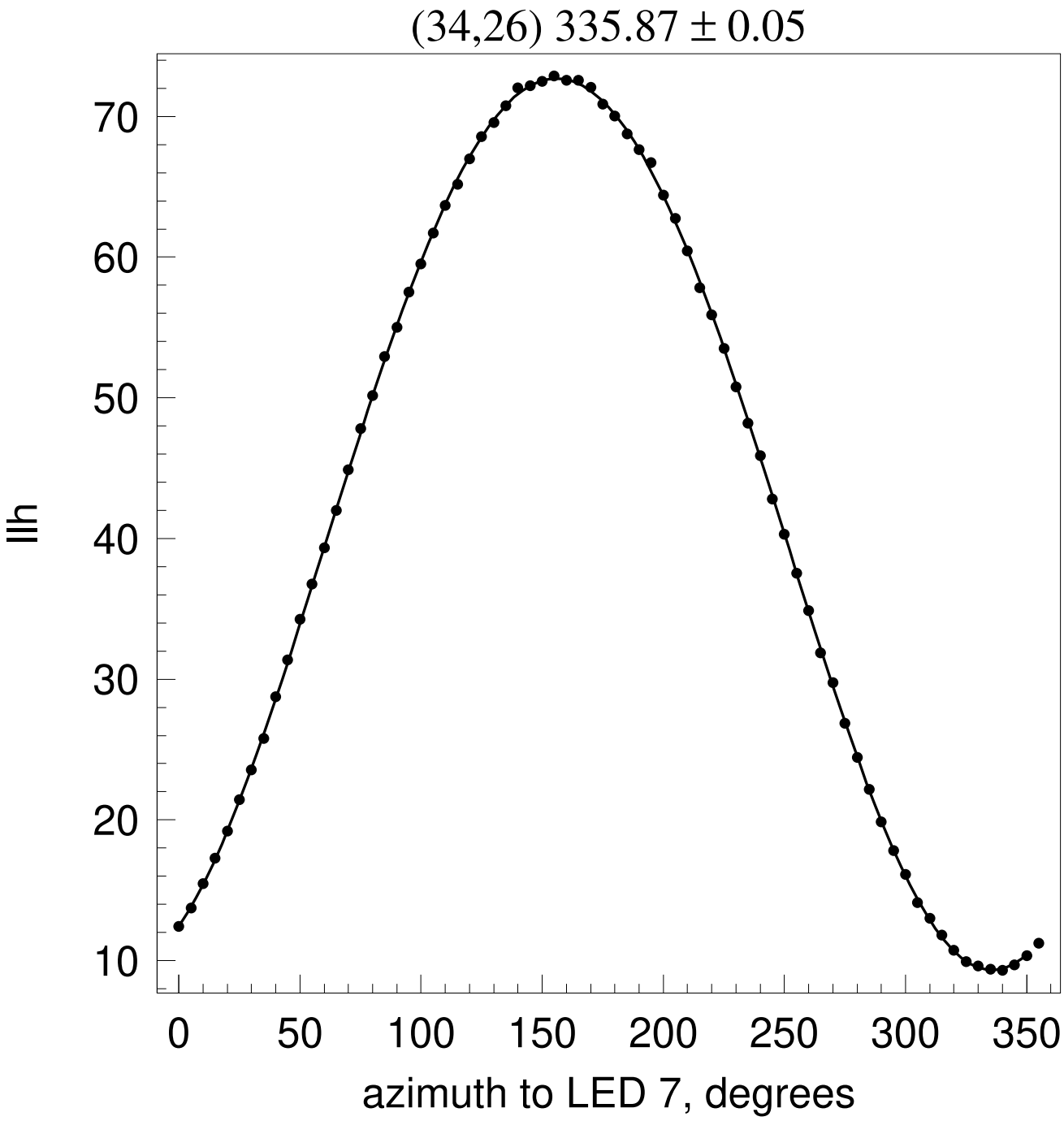

(34,20) 213.13 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

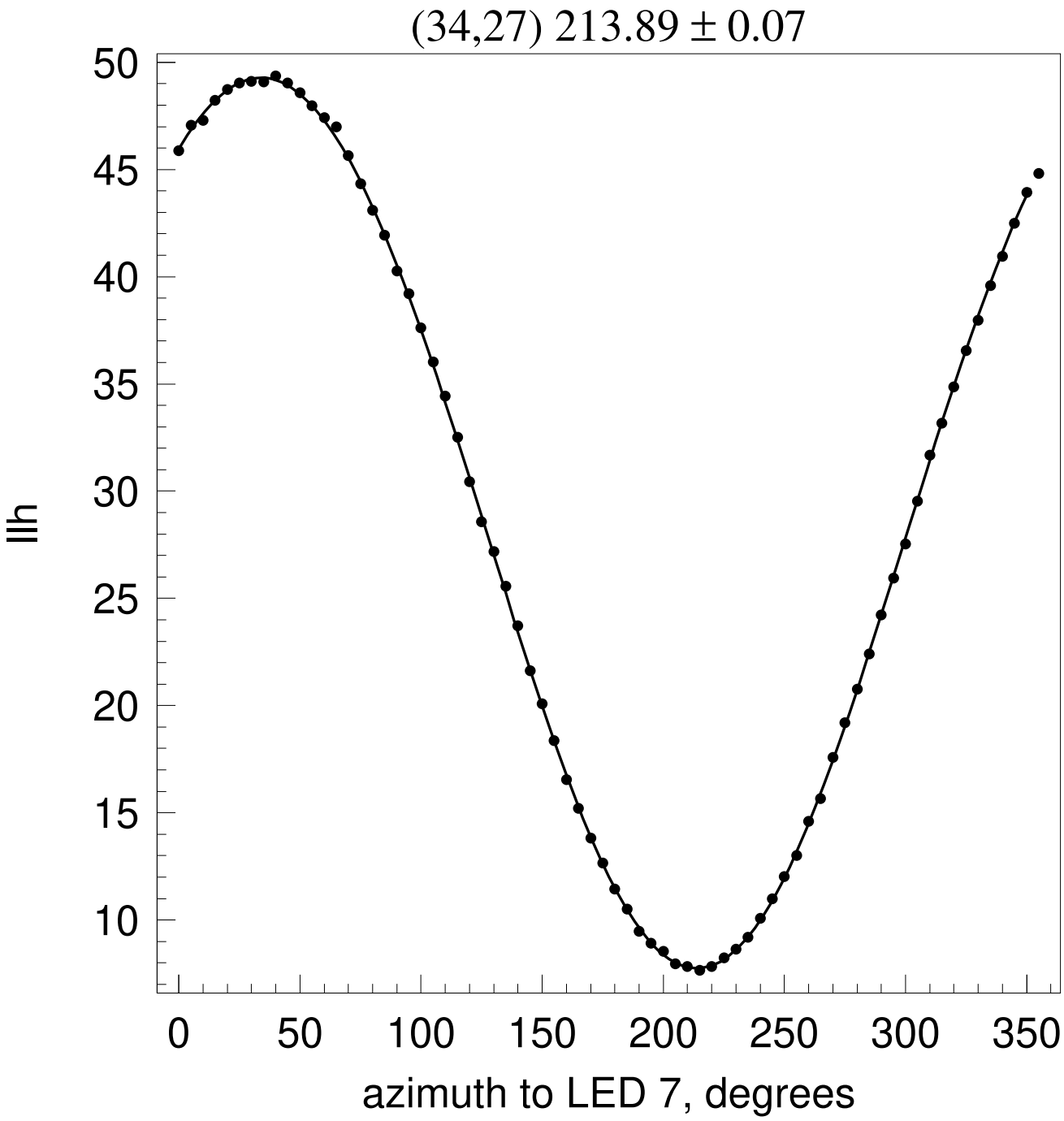

(34,21) 134.68 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

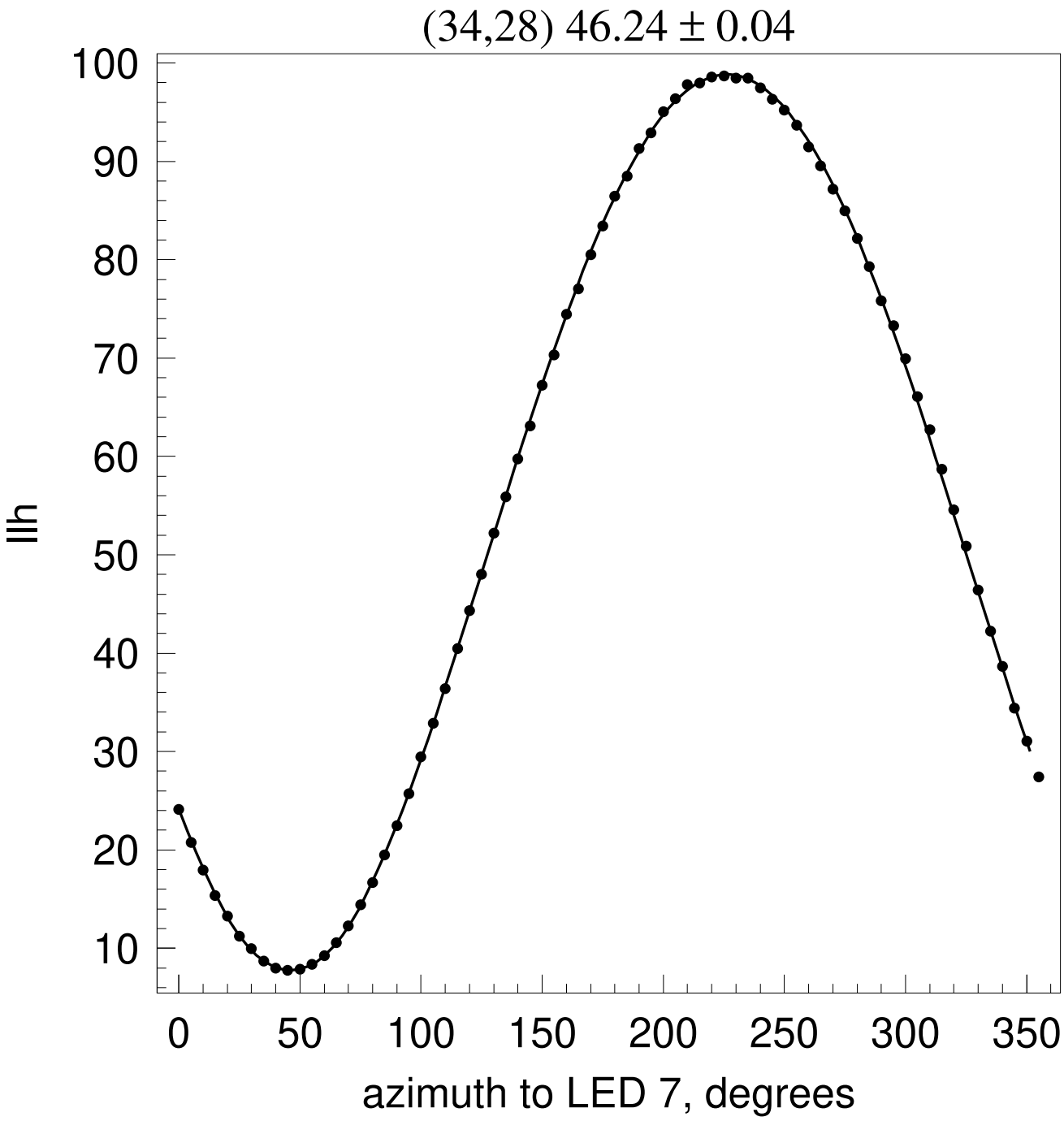

(34,23) 297.39 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

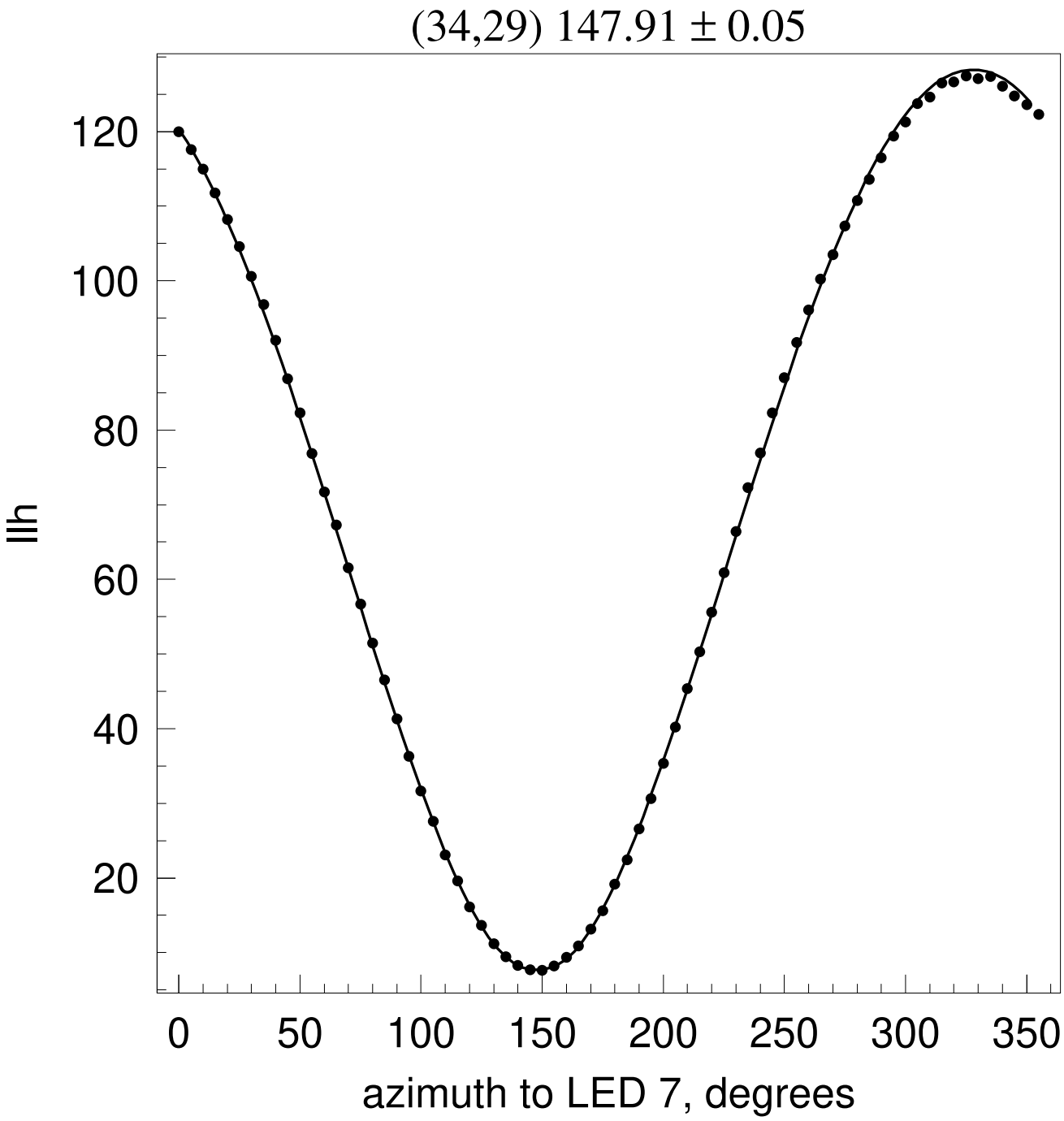

(34,24) 248.47 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

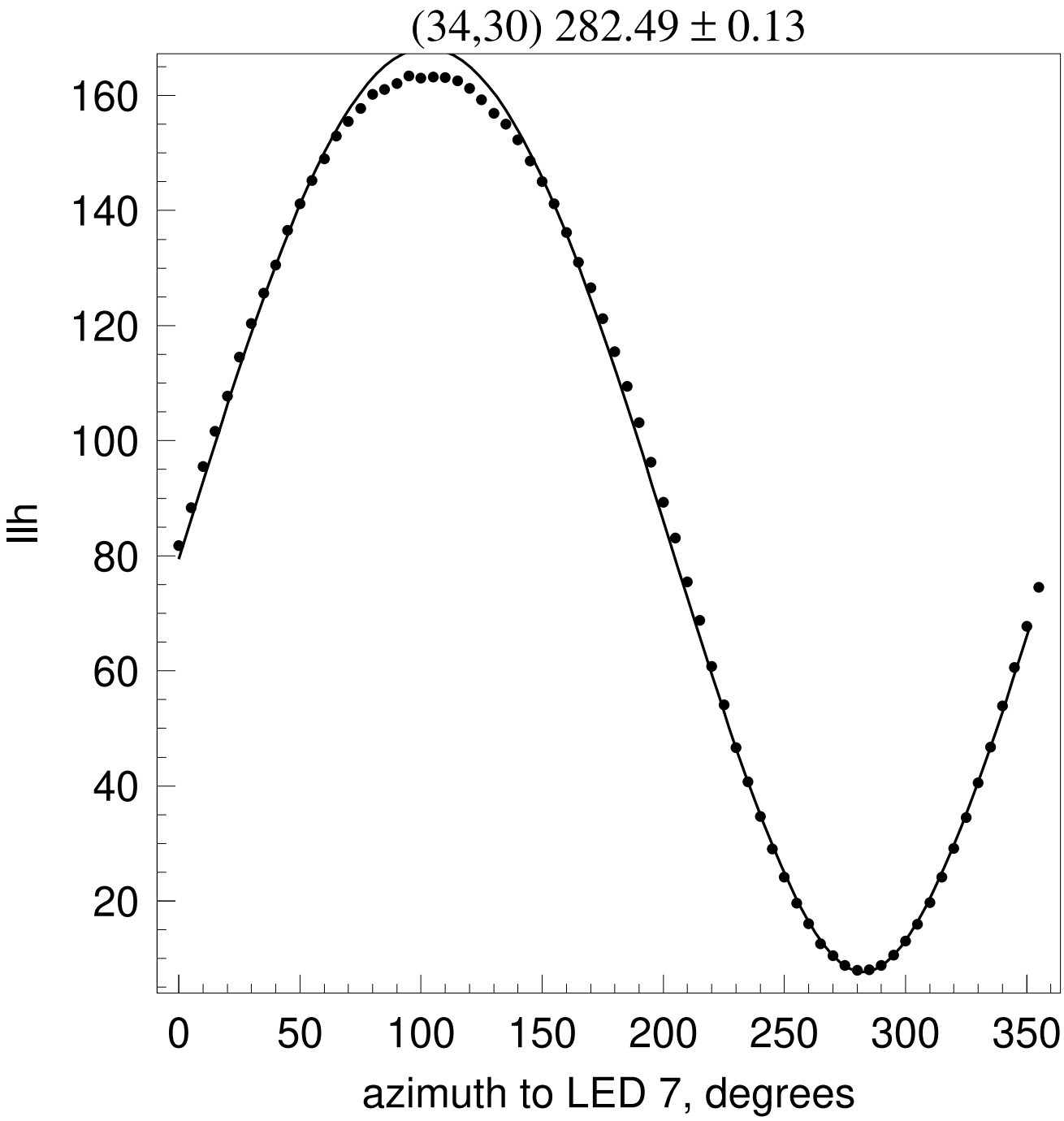

(34,25) 243.02 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

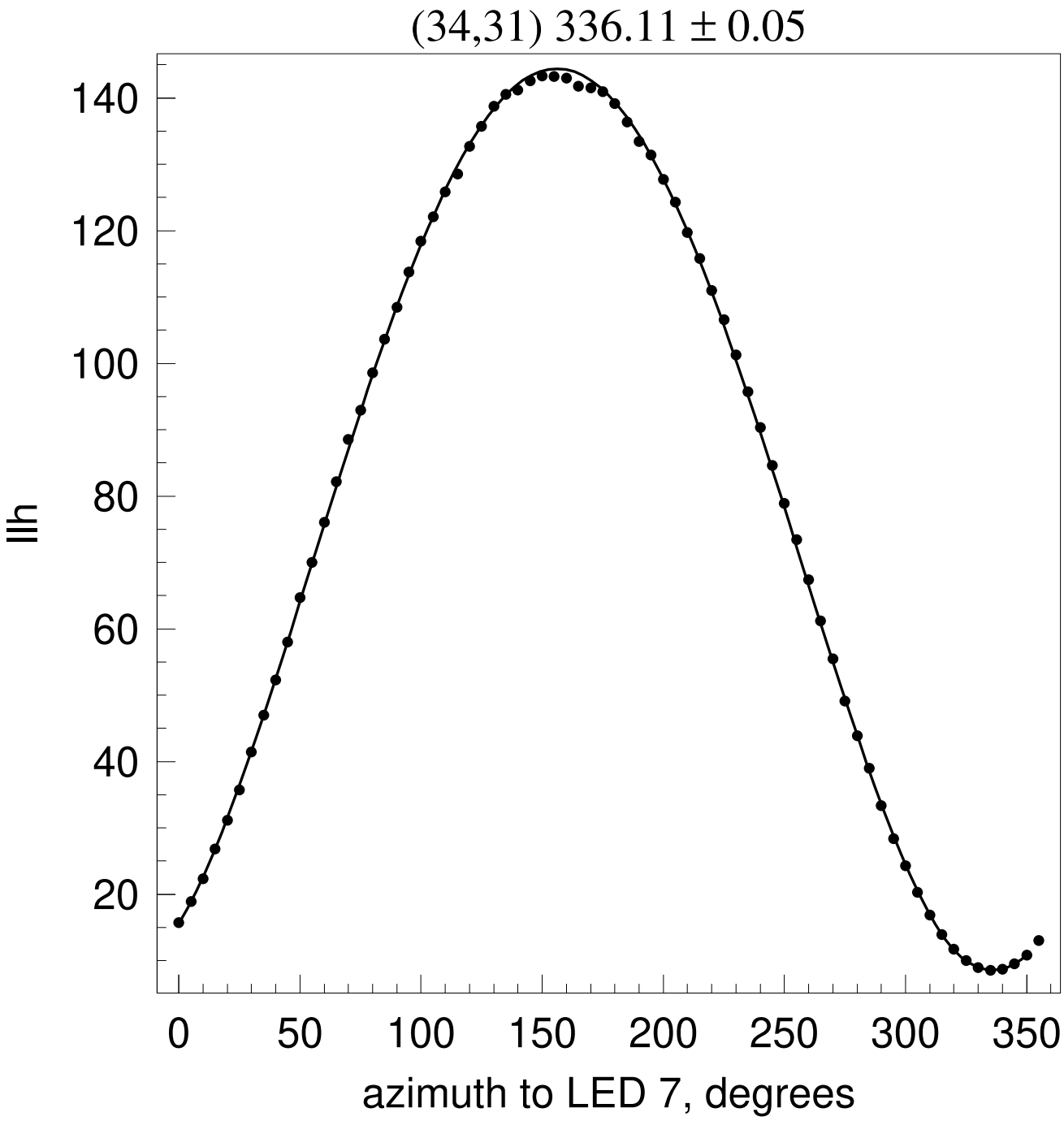

(34,26) 335.87 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

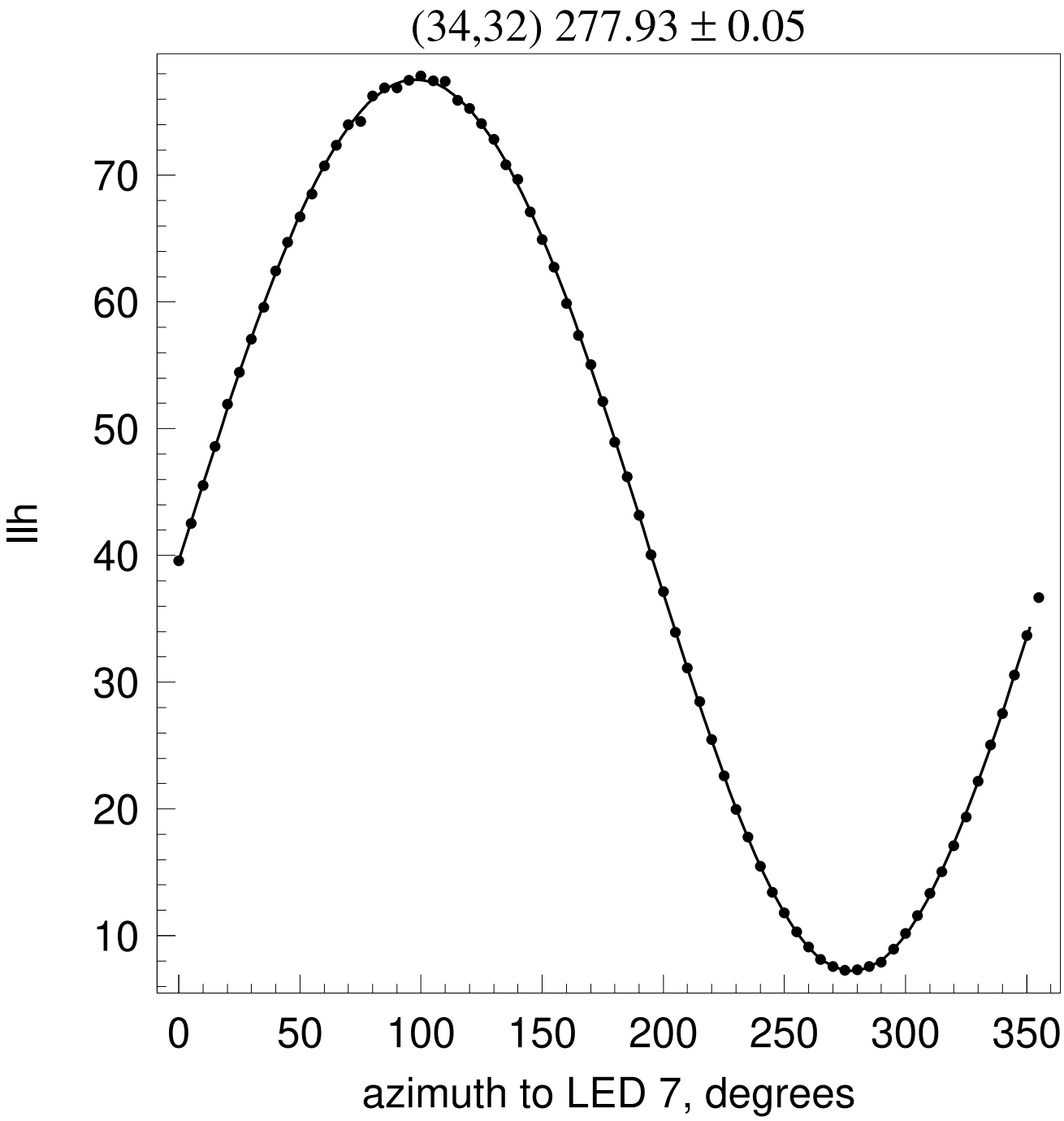

(34,27) 213.89 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

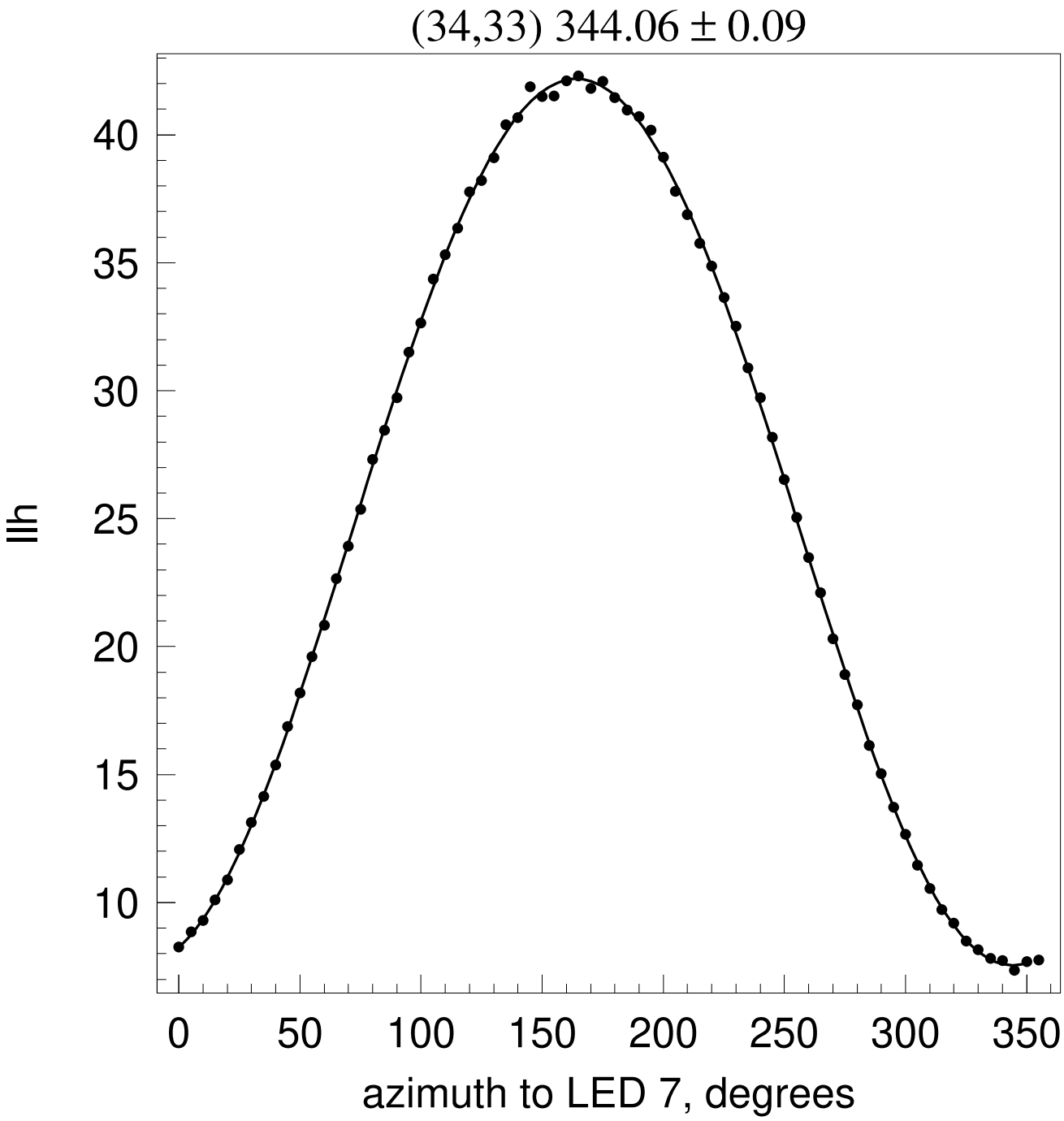

(34,28) 46.24 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

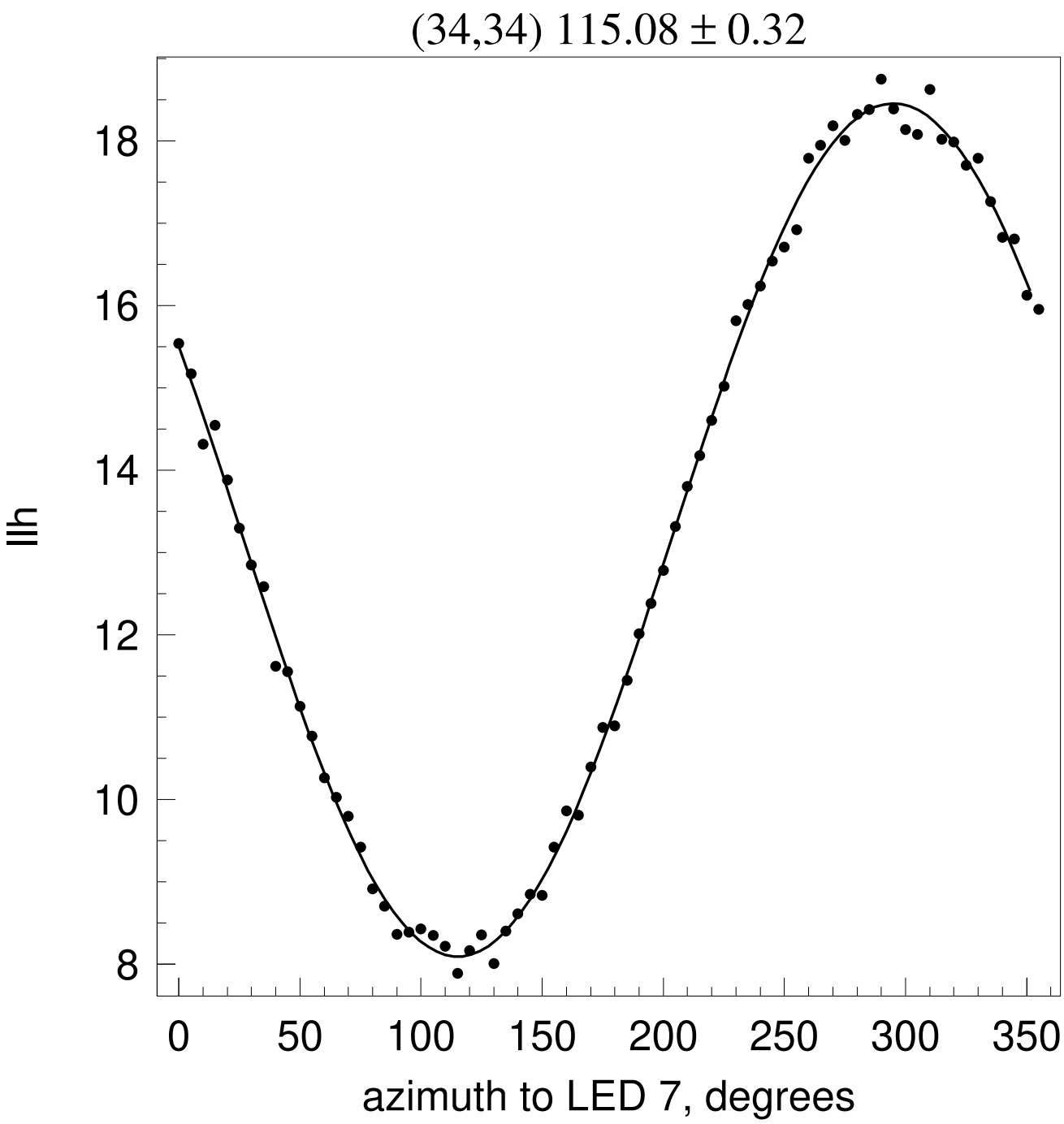

(34,29) 147.91 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

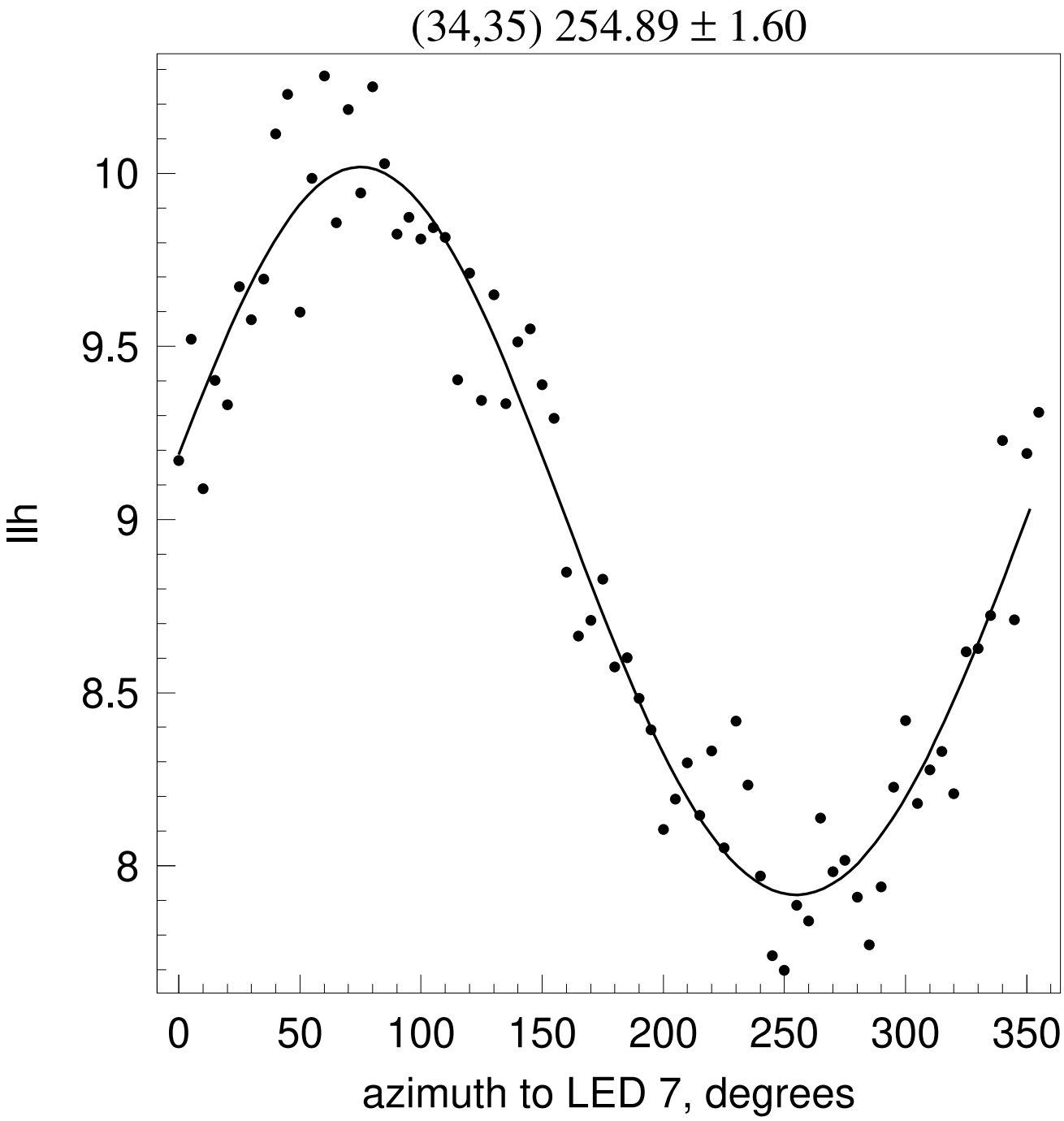

(34,30) 282.49 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

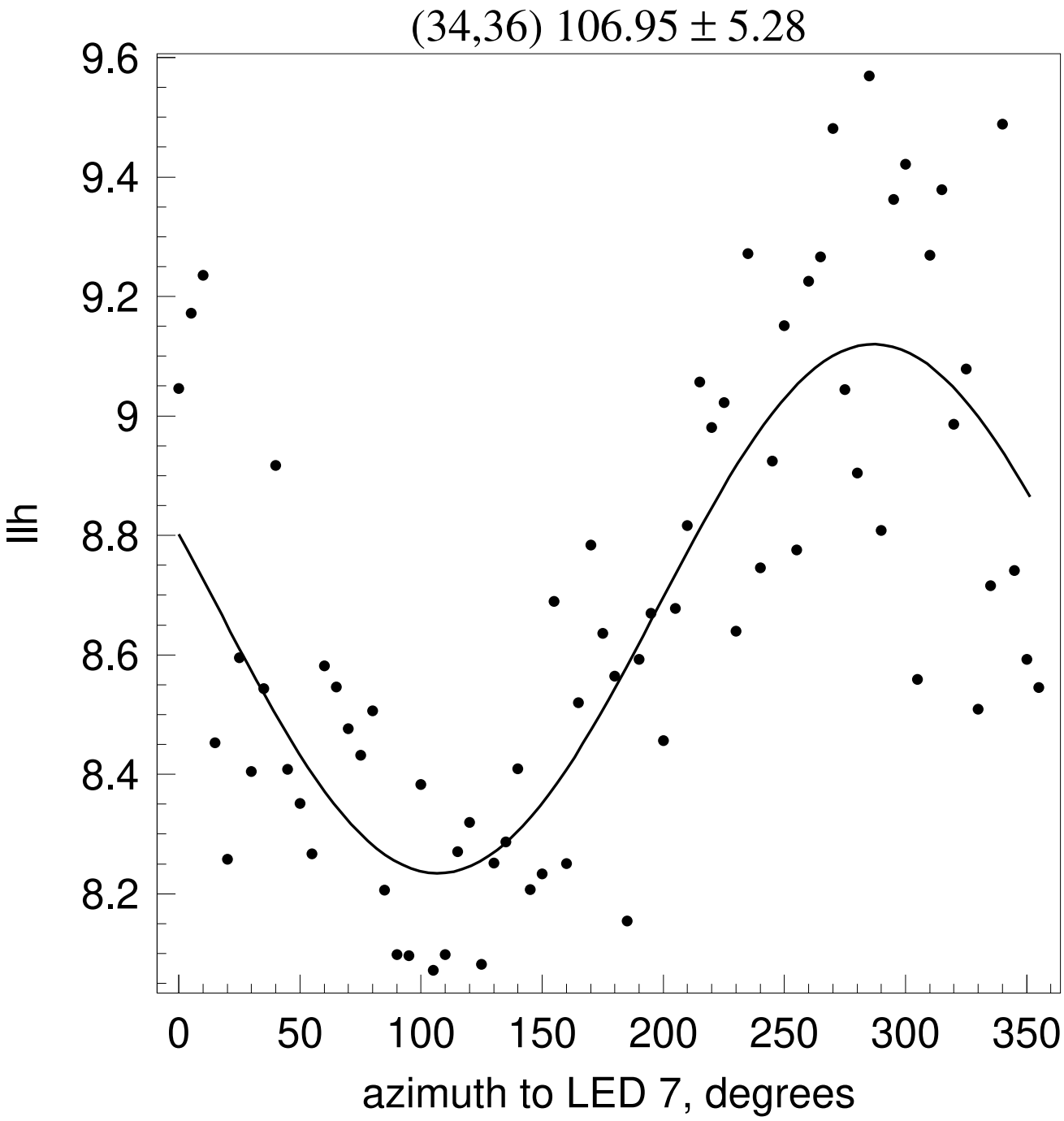

(34,31) 336.11 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

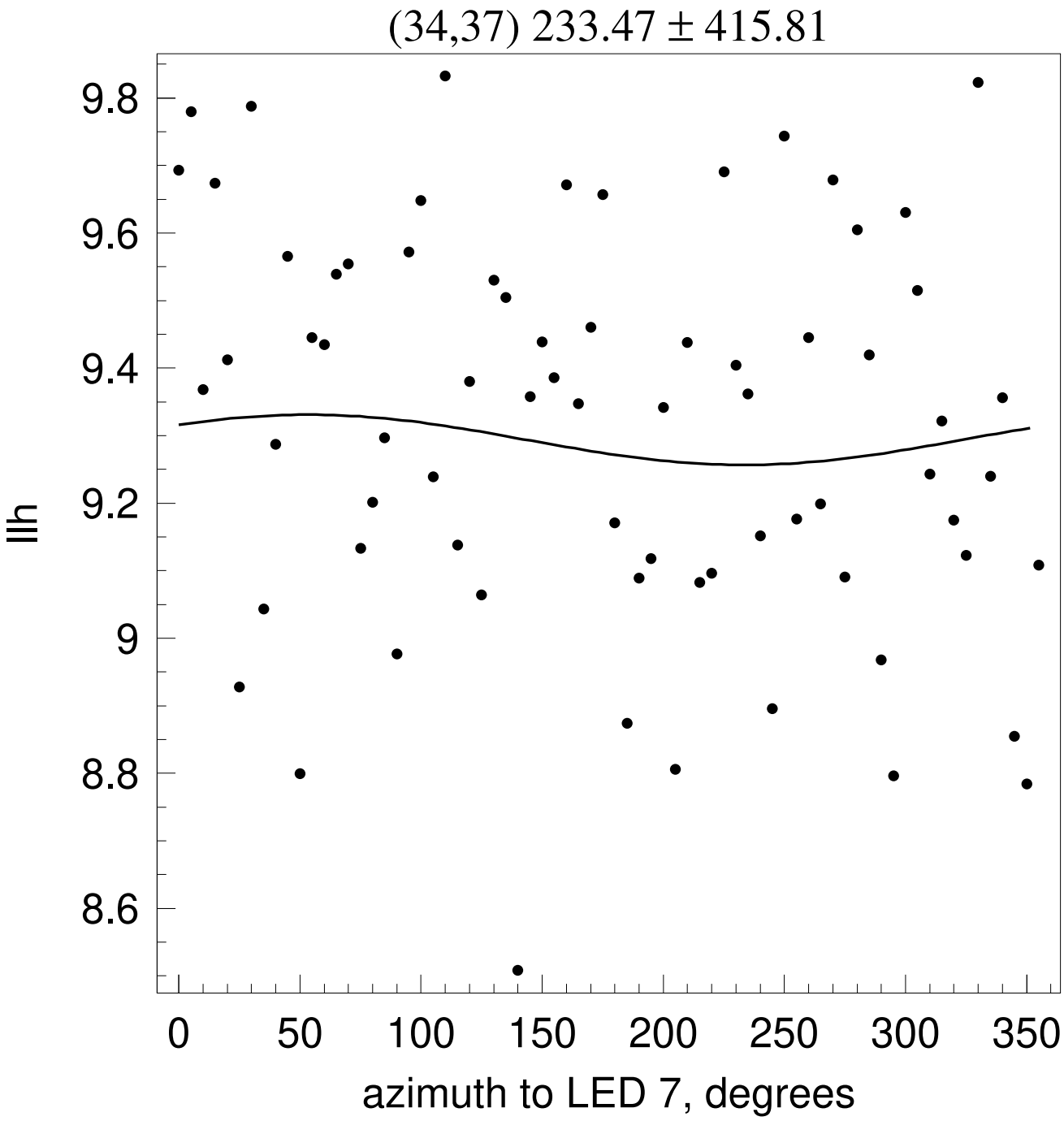

(34,32) 277.93 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

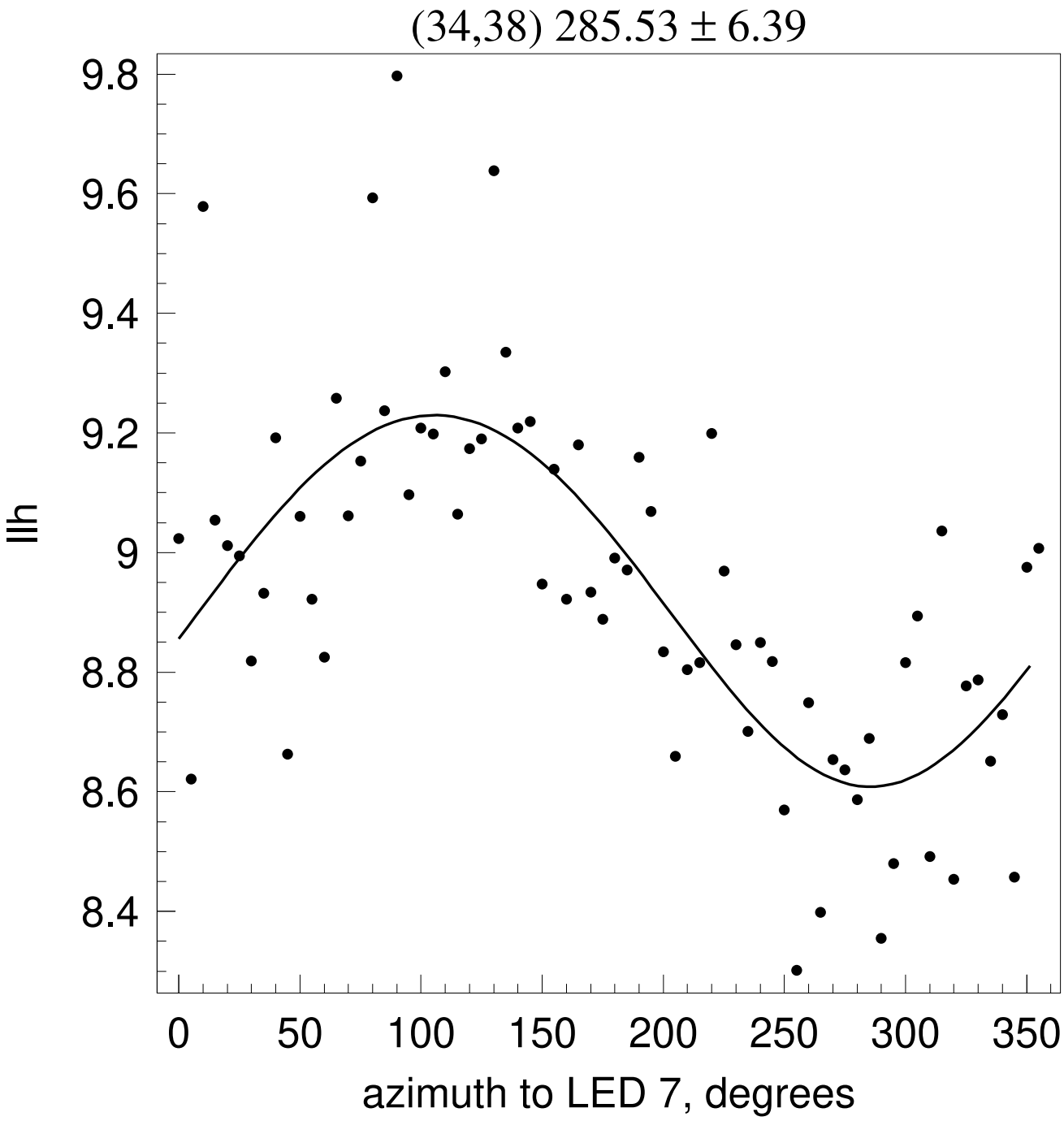

(34,33) 344.06 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

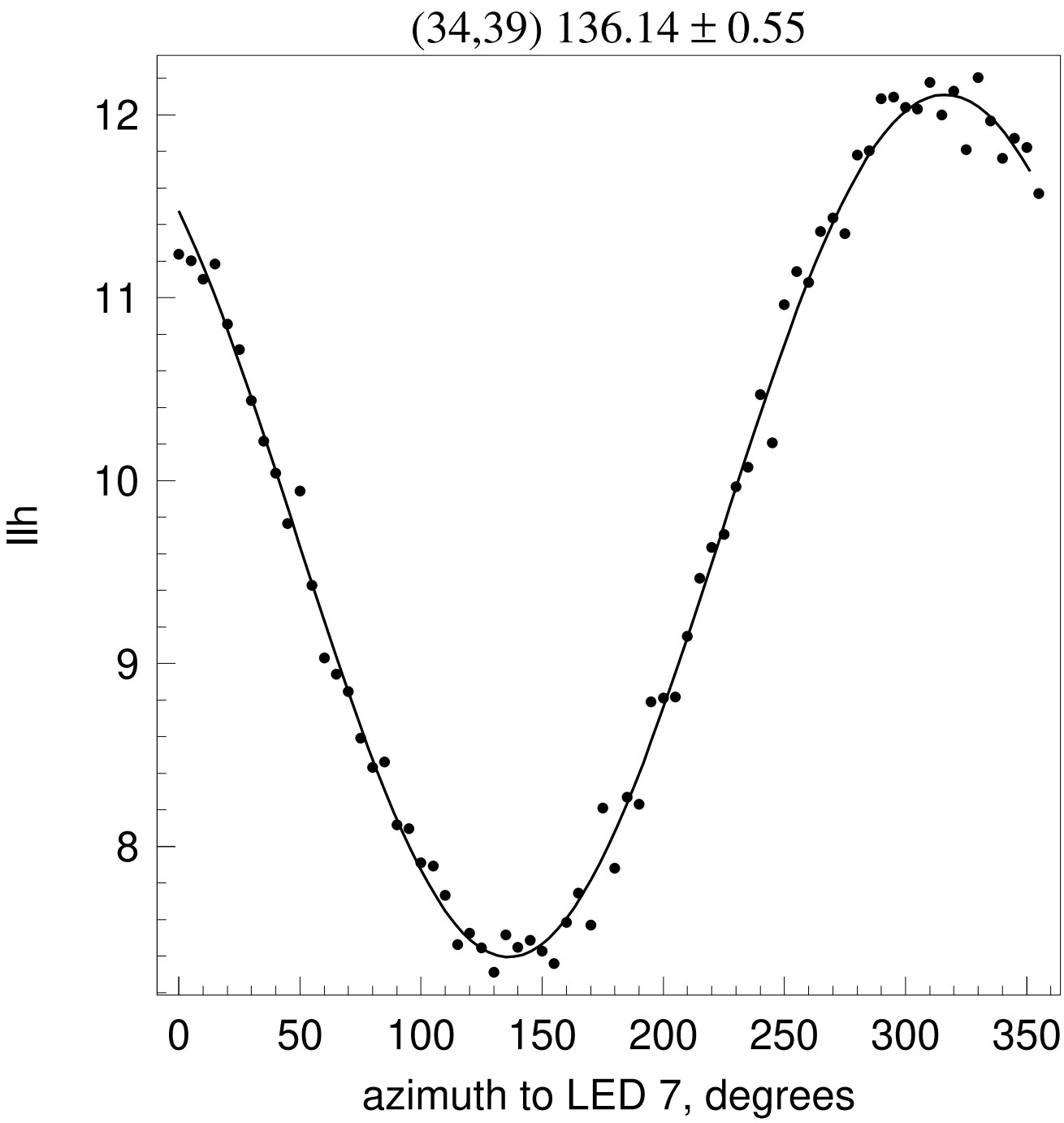

(34,34) 115.08 ± 0.32
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

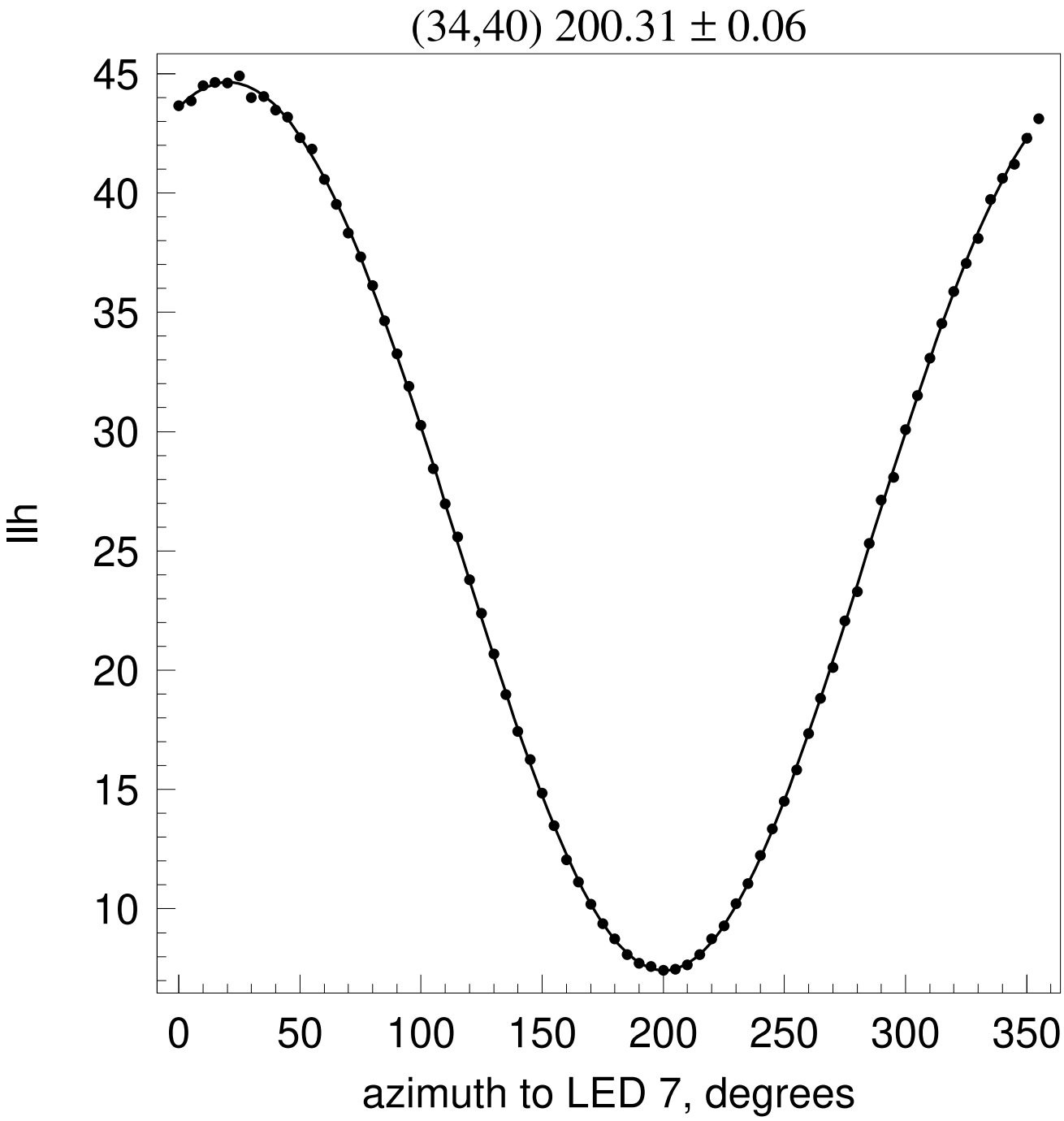

(34,35) 254.89 ± 1.60
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

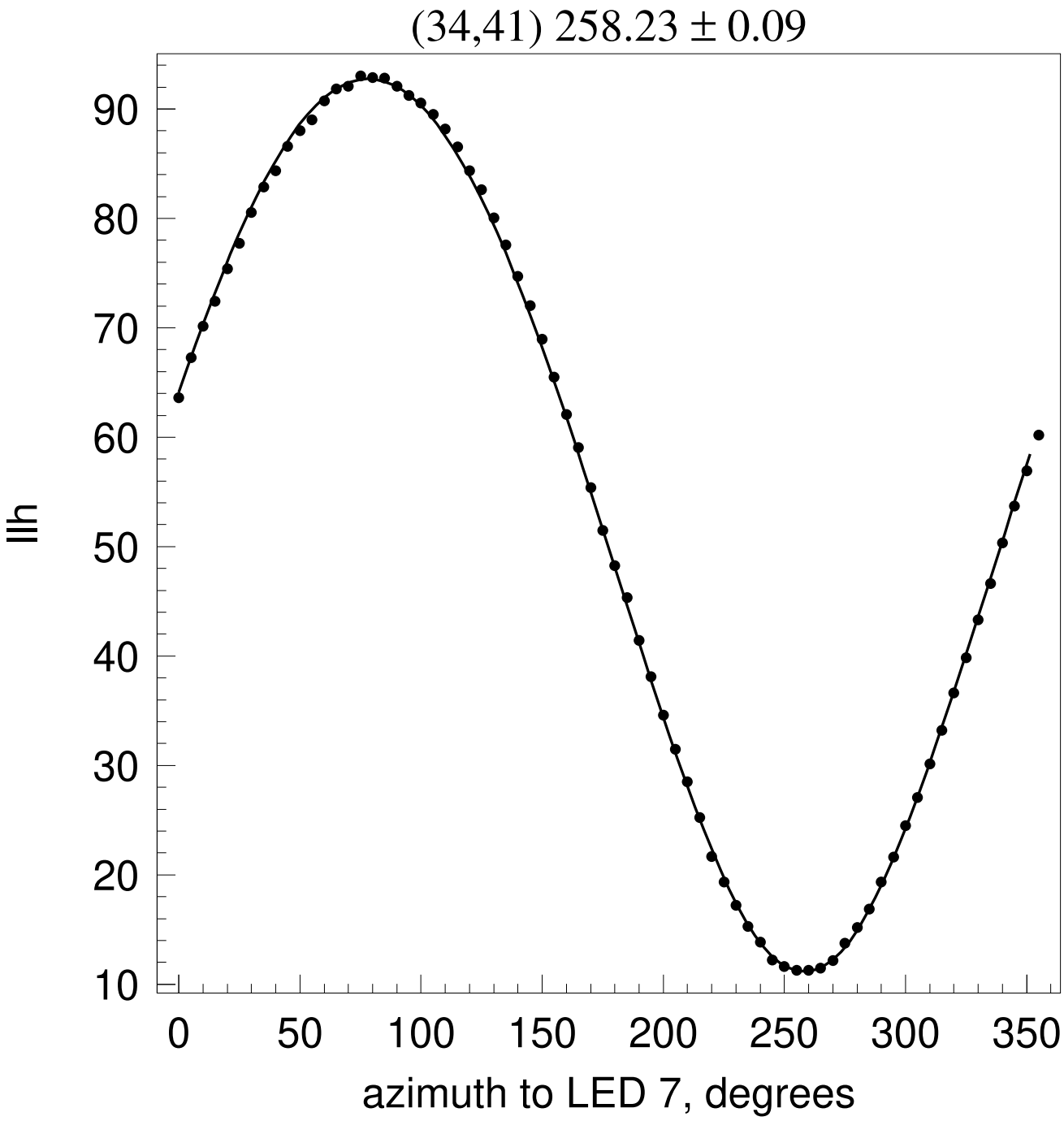

(34,36) 106.95 ± 5.28
9.6
9.4
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

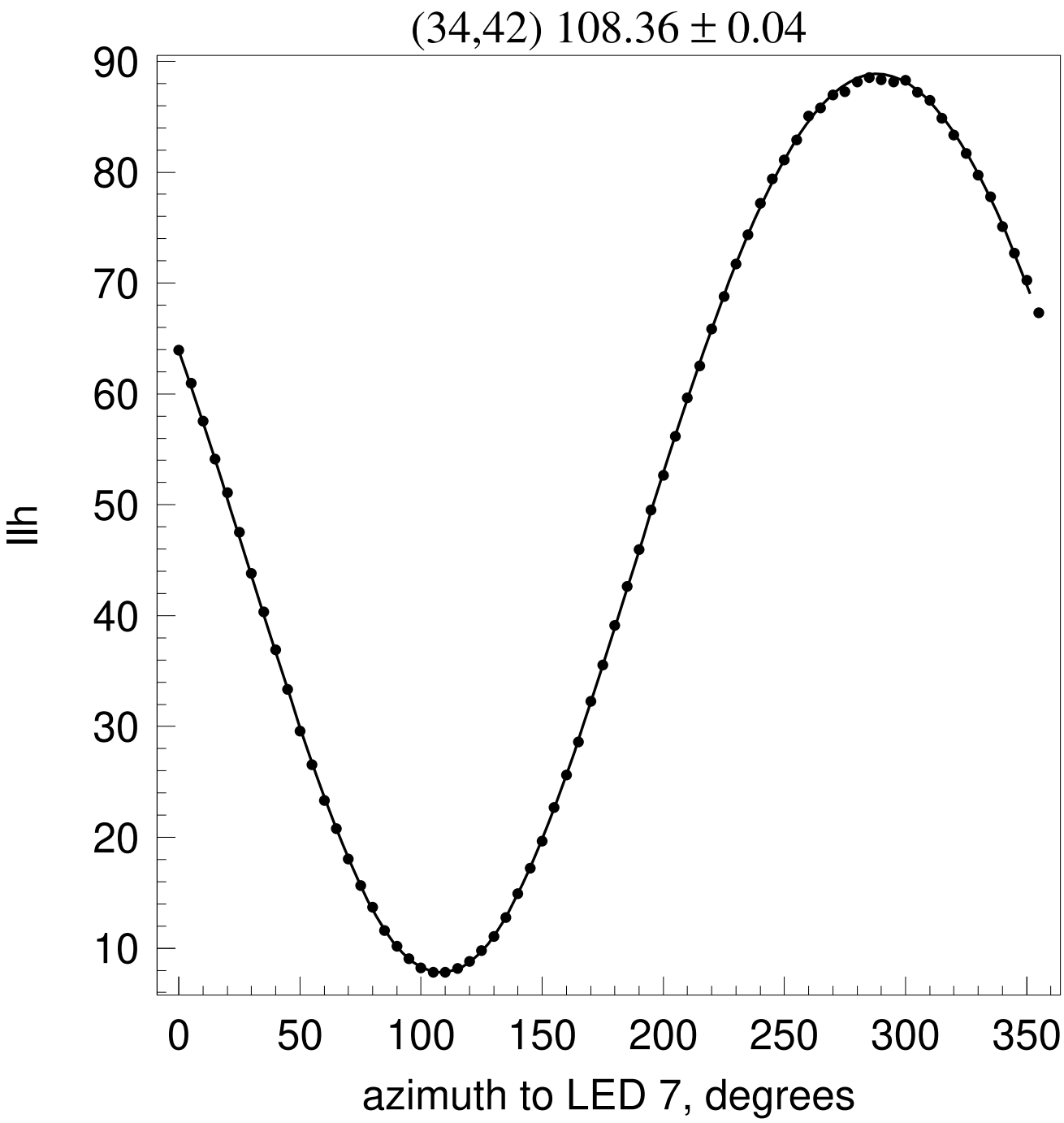

(34,37) 233.47 ± 415.81
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

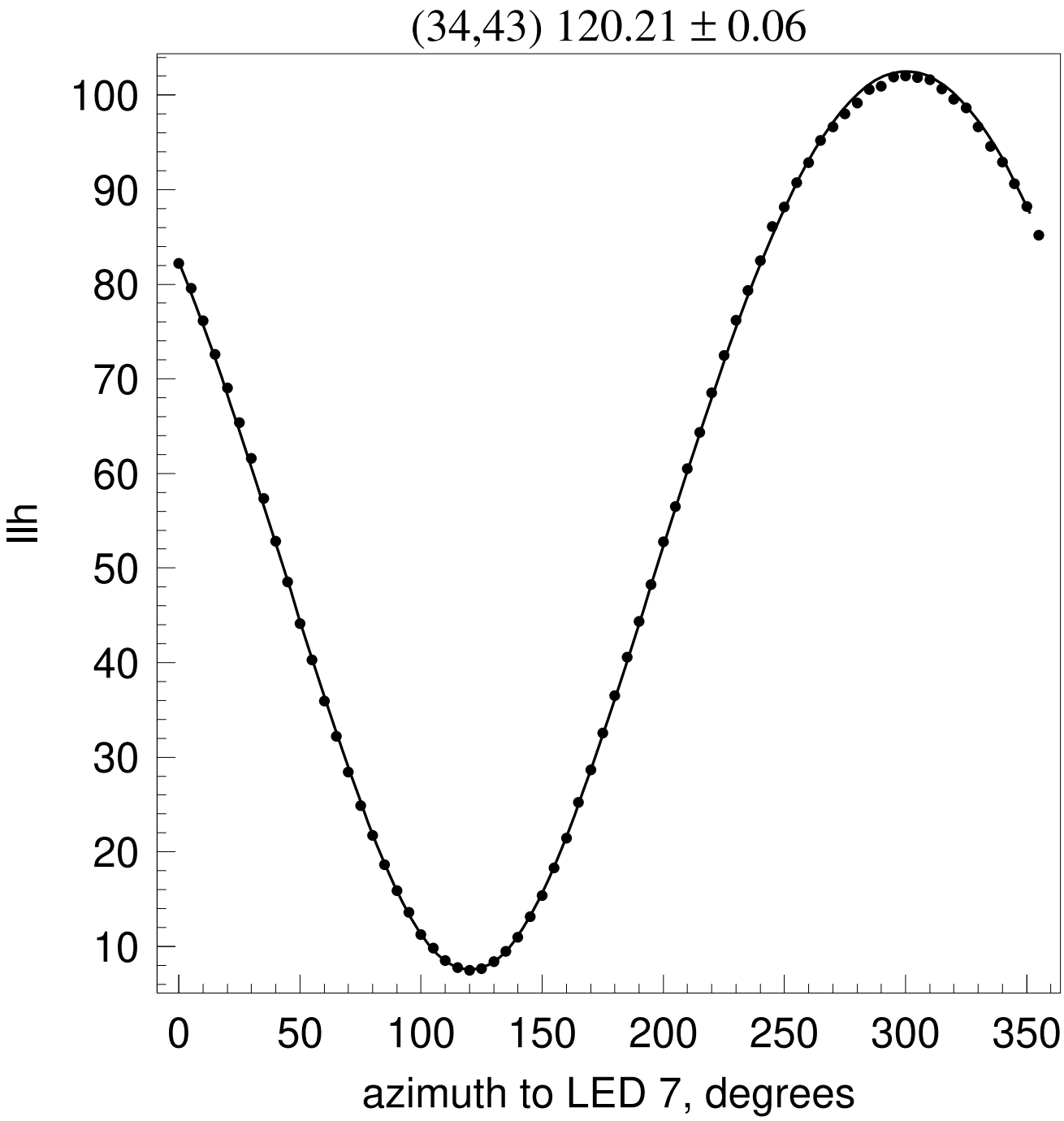

(34,38) 285.53 ± 6.39
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

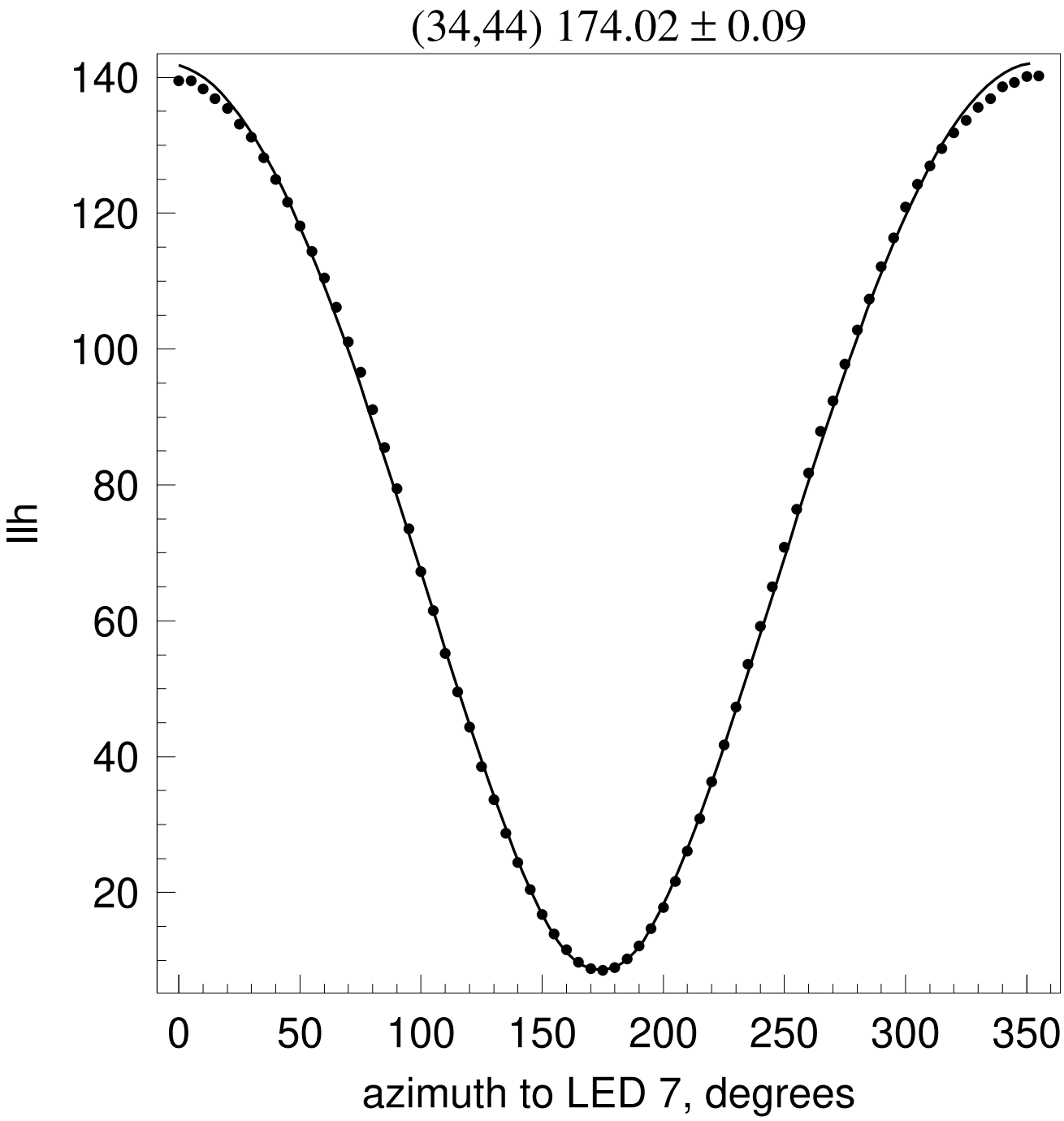

(34,39) 136.14 ± 0.55
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

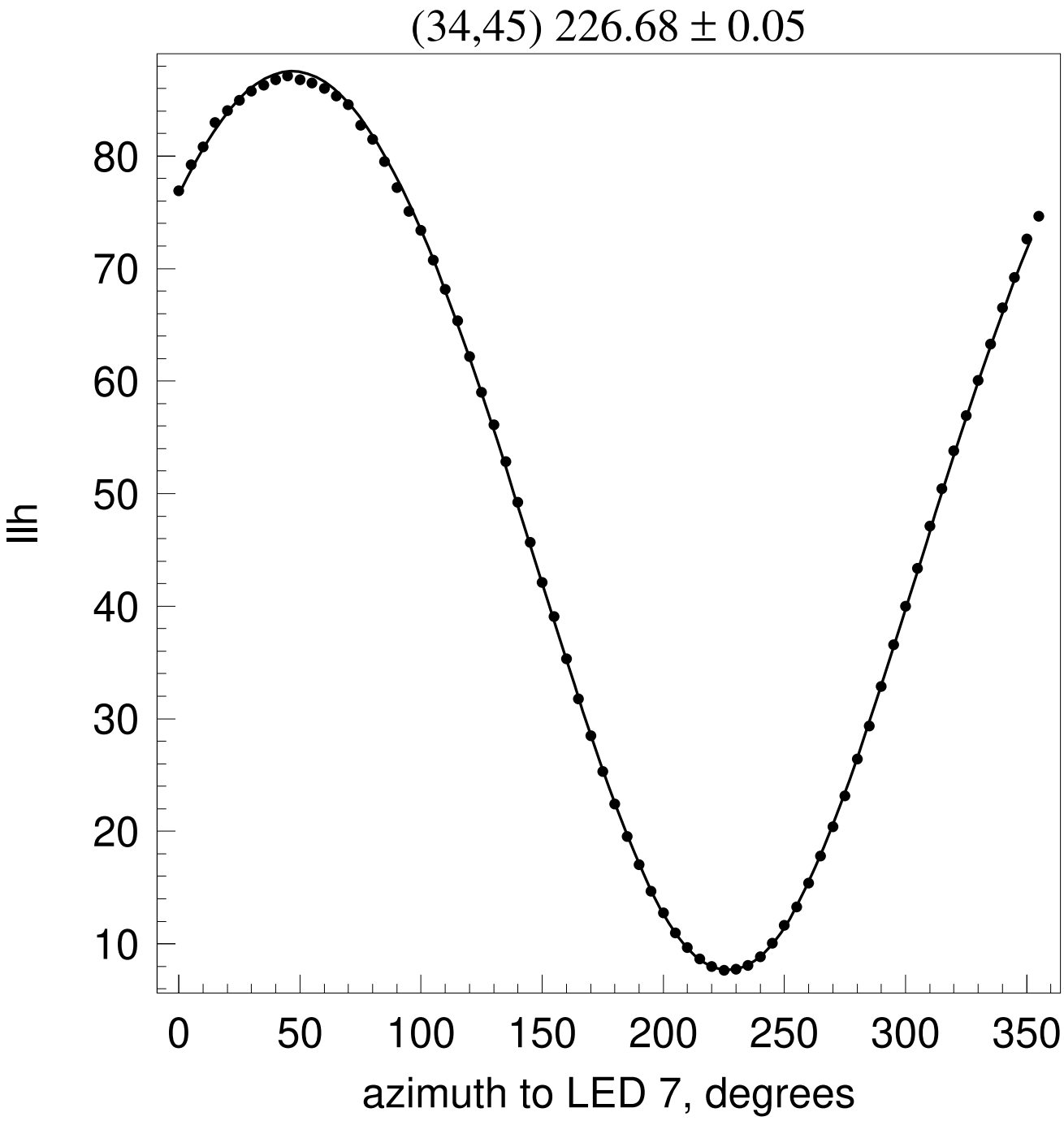

(34,40) 200.31 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

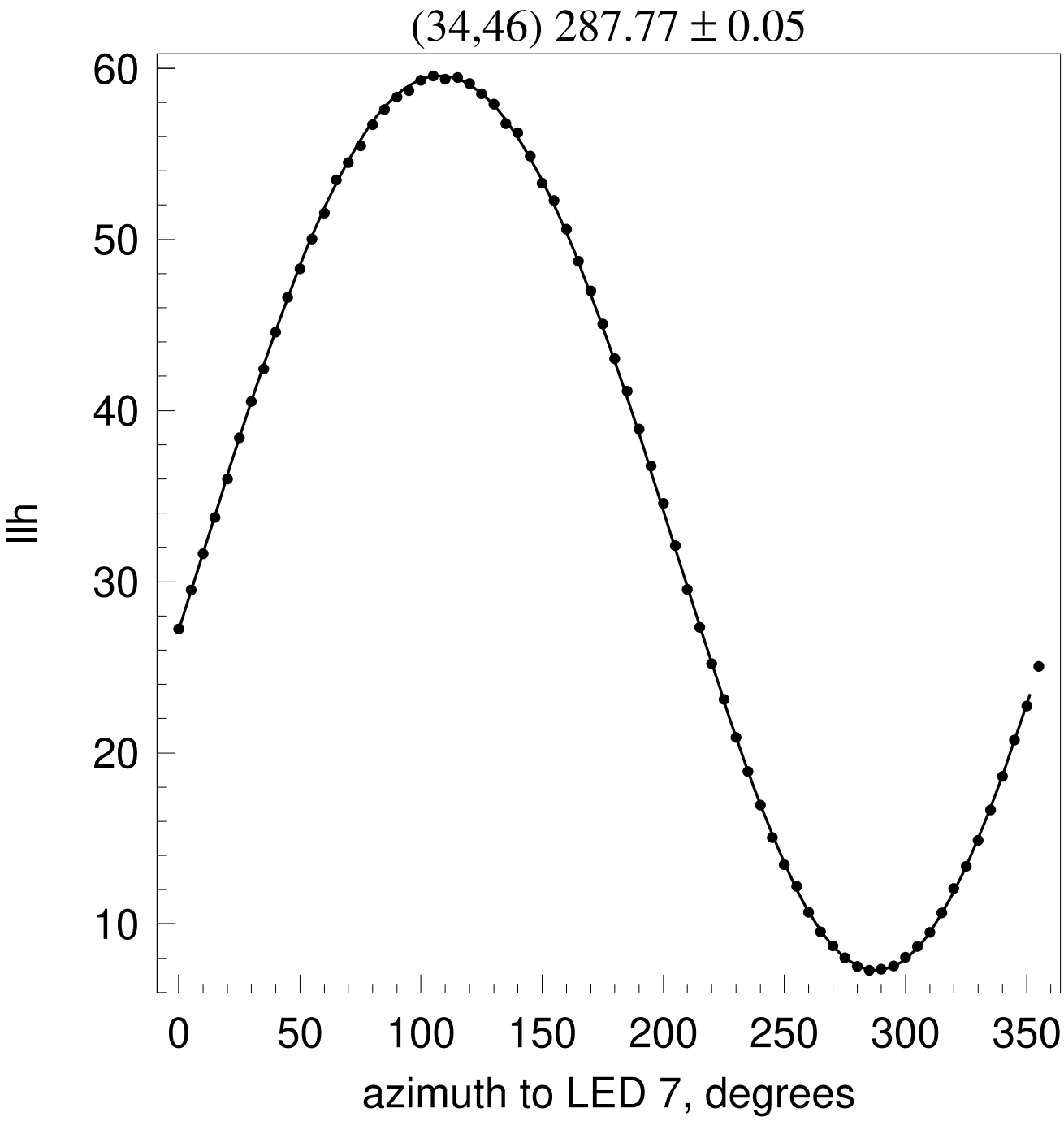

(34,41) 258.23 ± 0.09
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

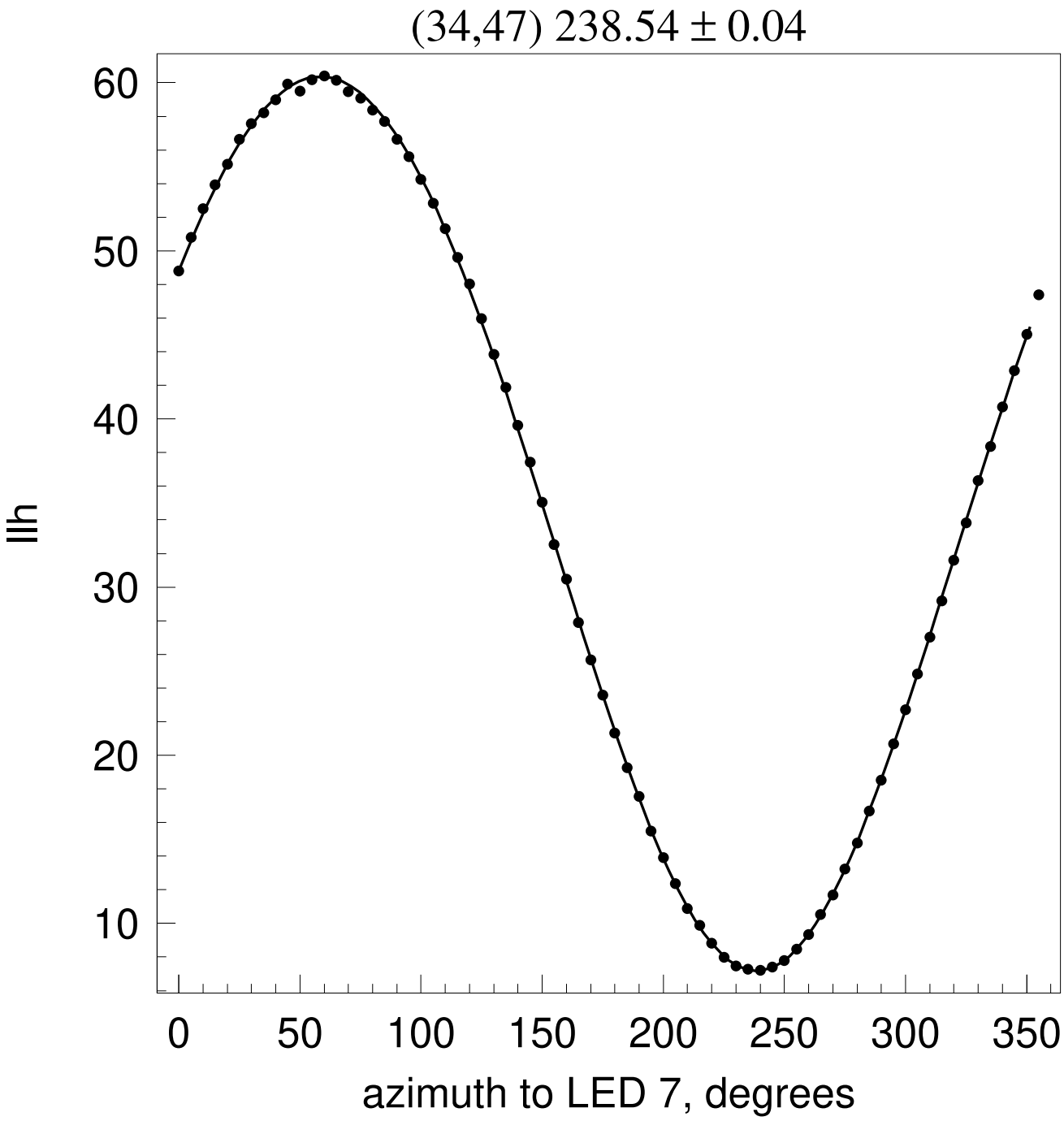

(34,42) 108.36 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

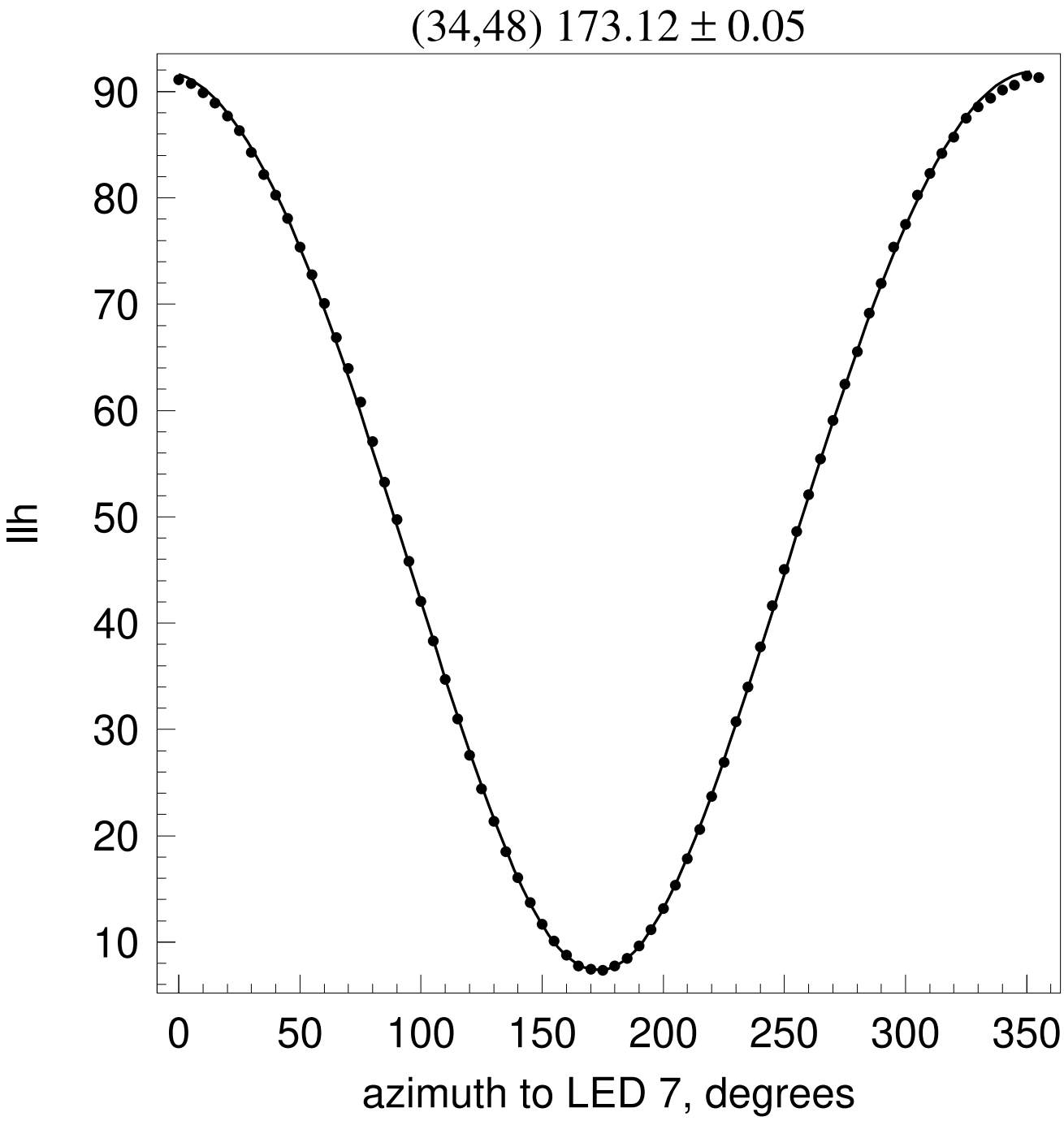

(34,43) 120.21 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

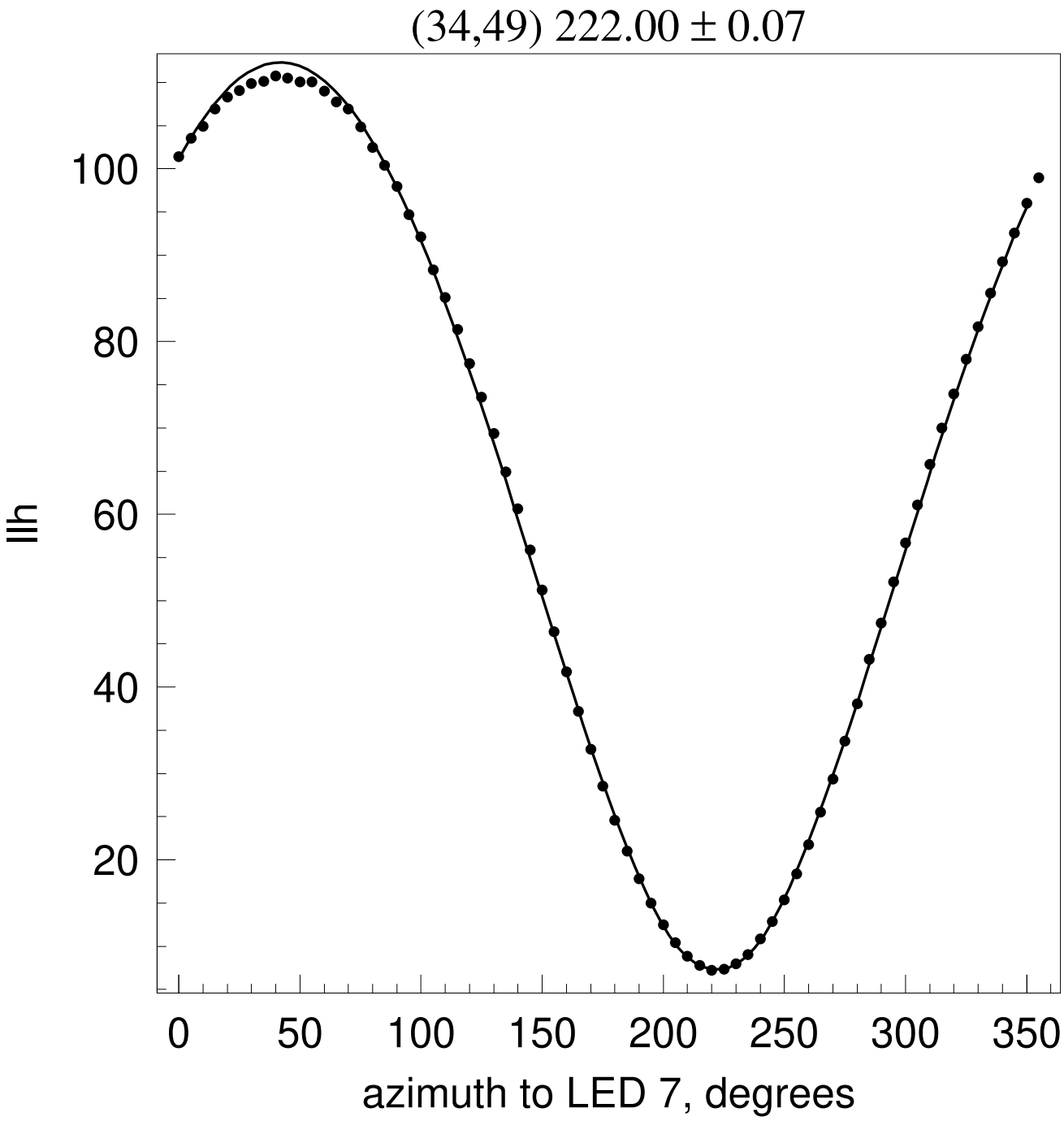

(34,44) 174.02 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

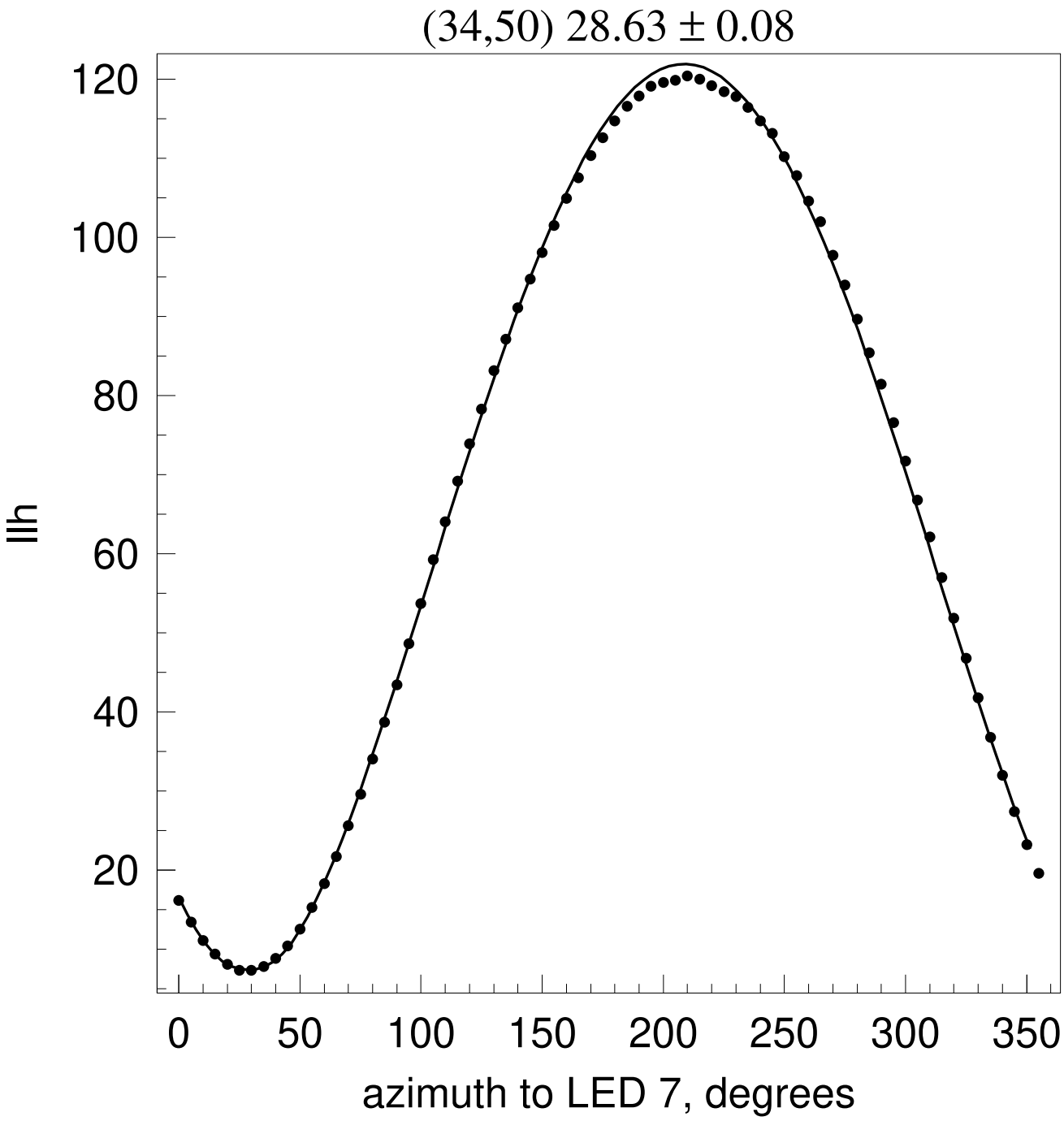

(34,45) 226.68 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

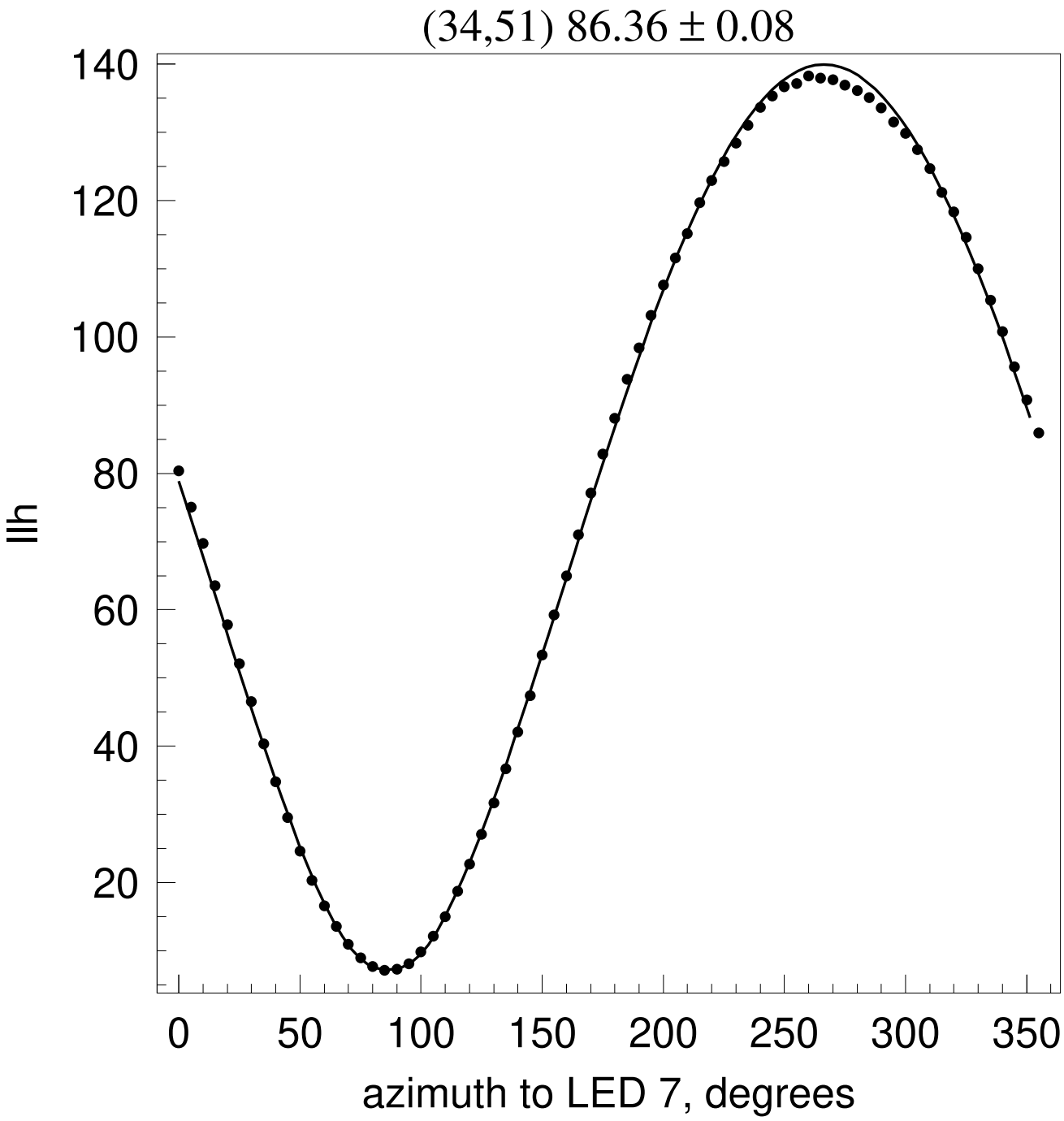

(34,46) 287.77 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

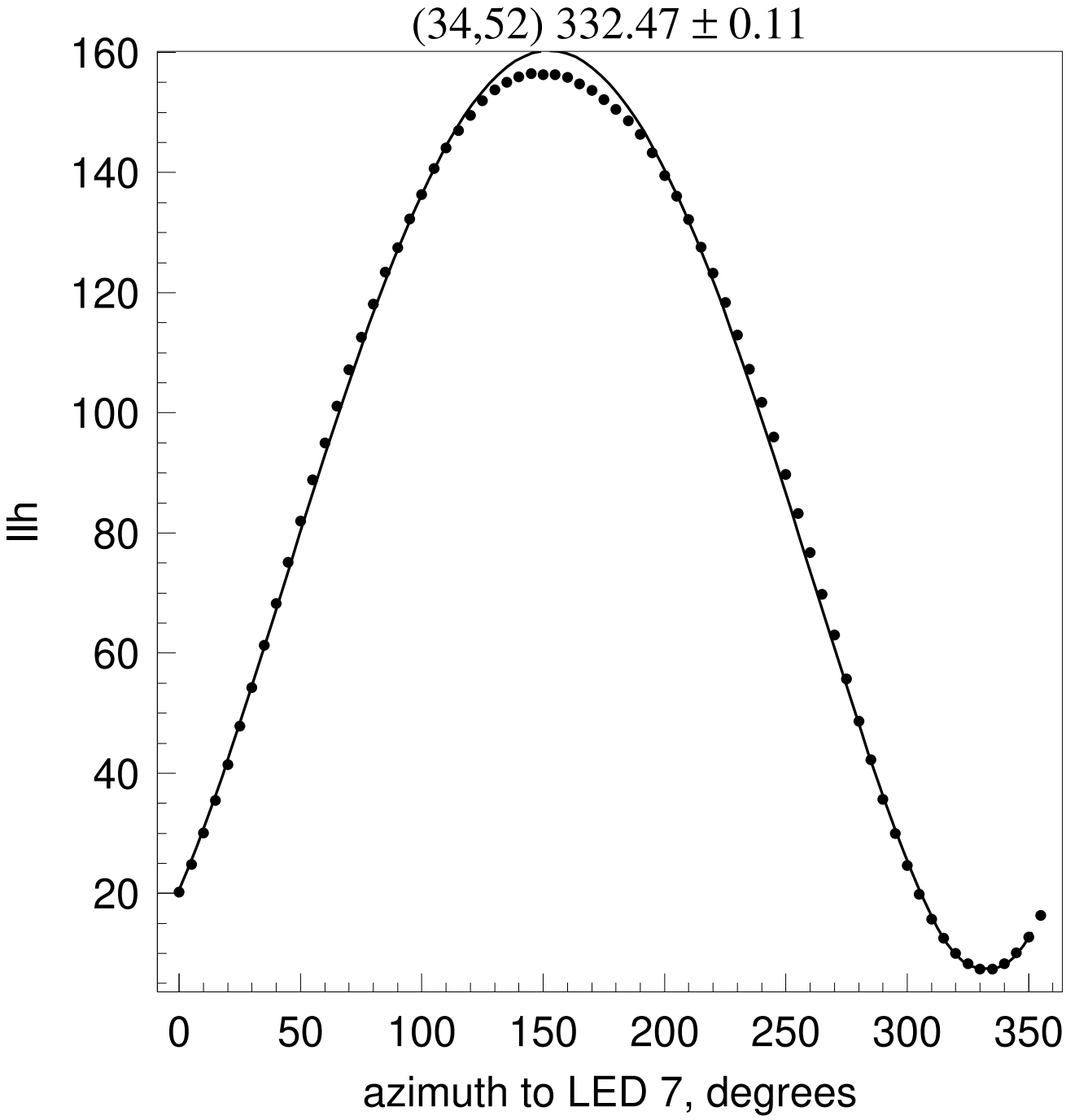

(34,47) 238.54 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

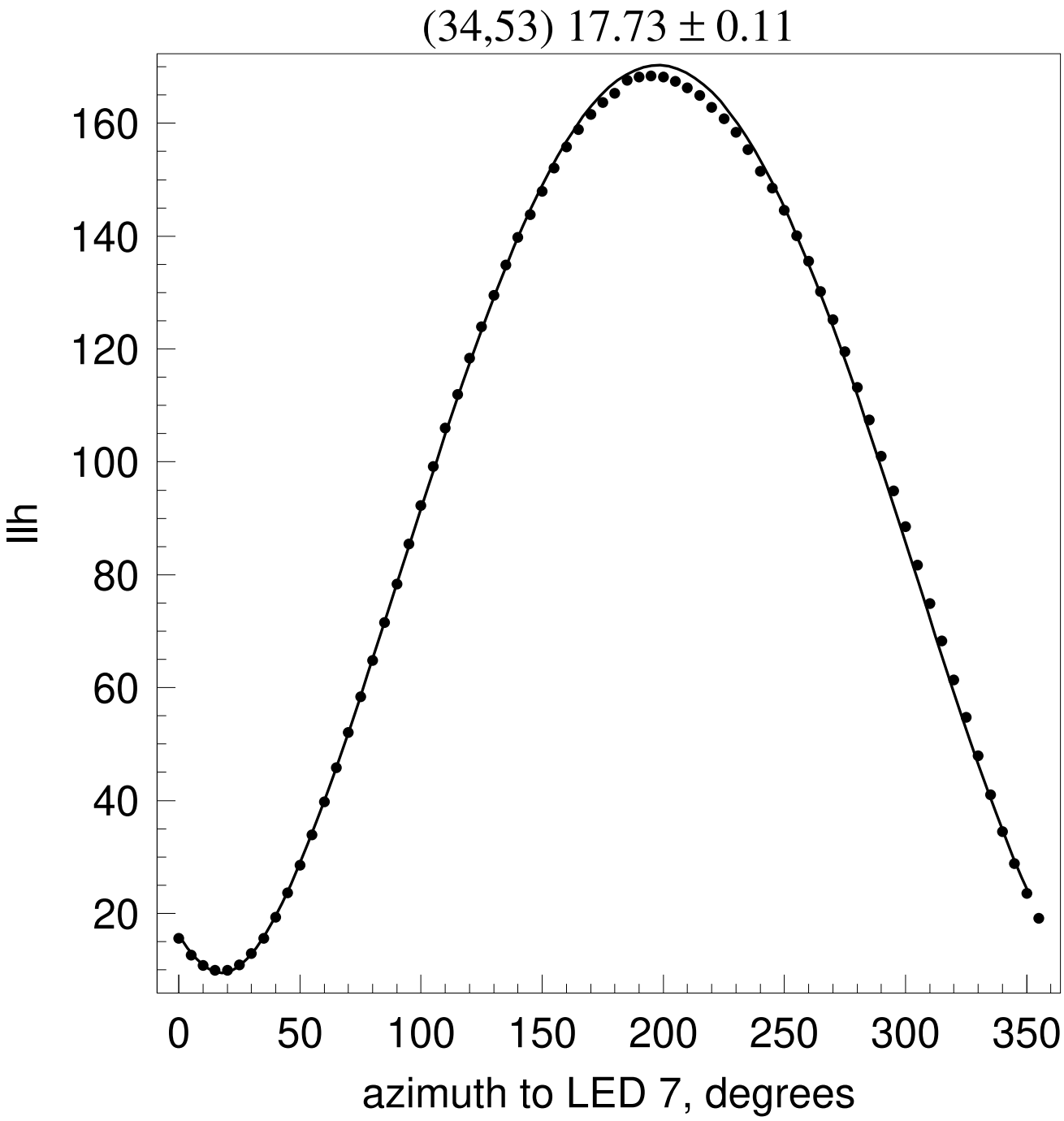

(34,48) 173.12 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

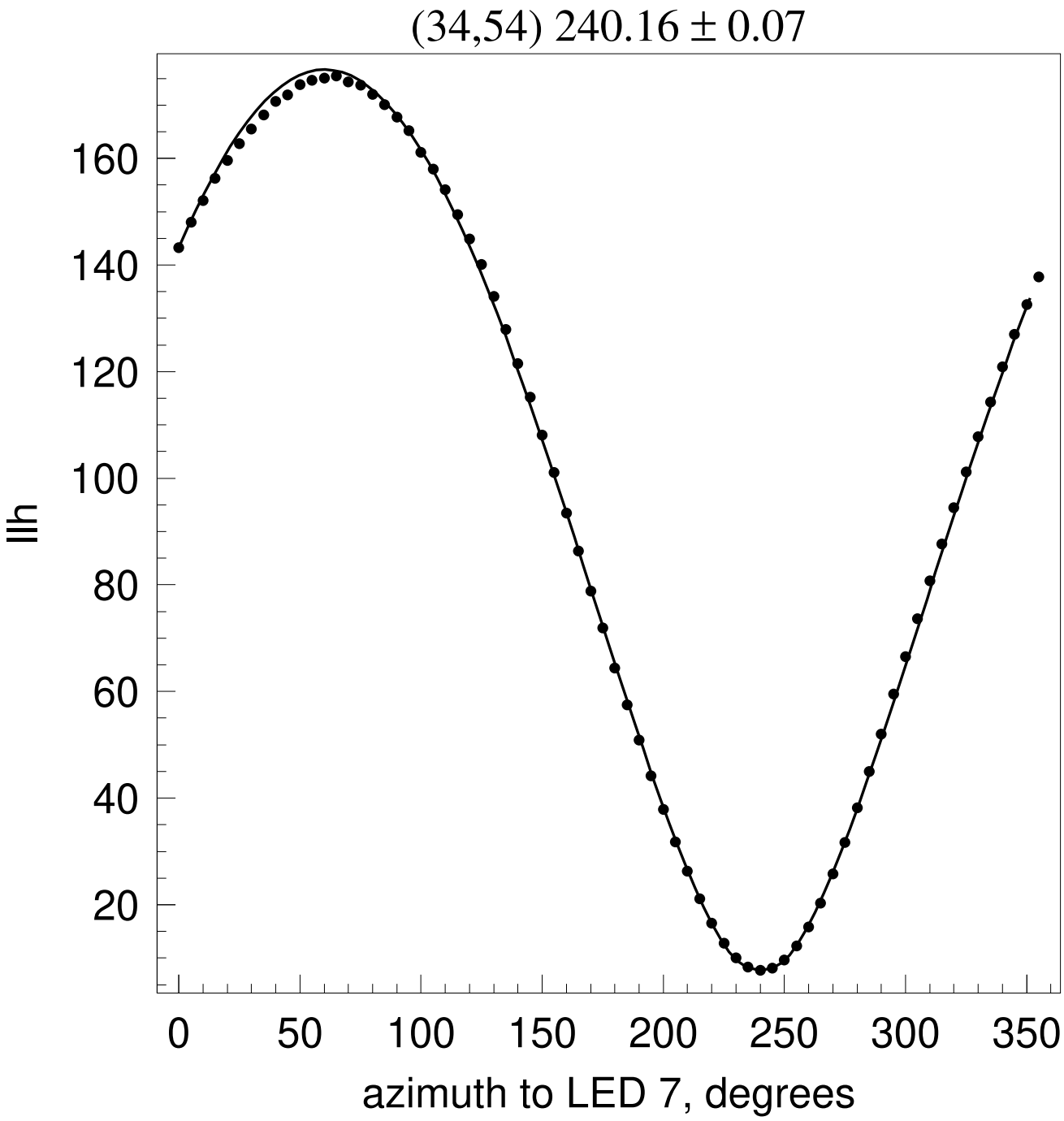

(34,49) 222.00 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

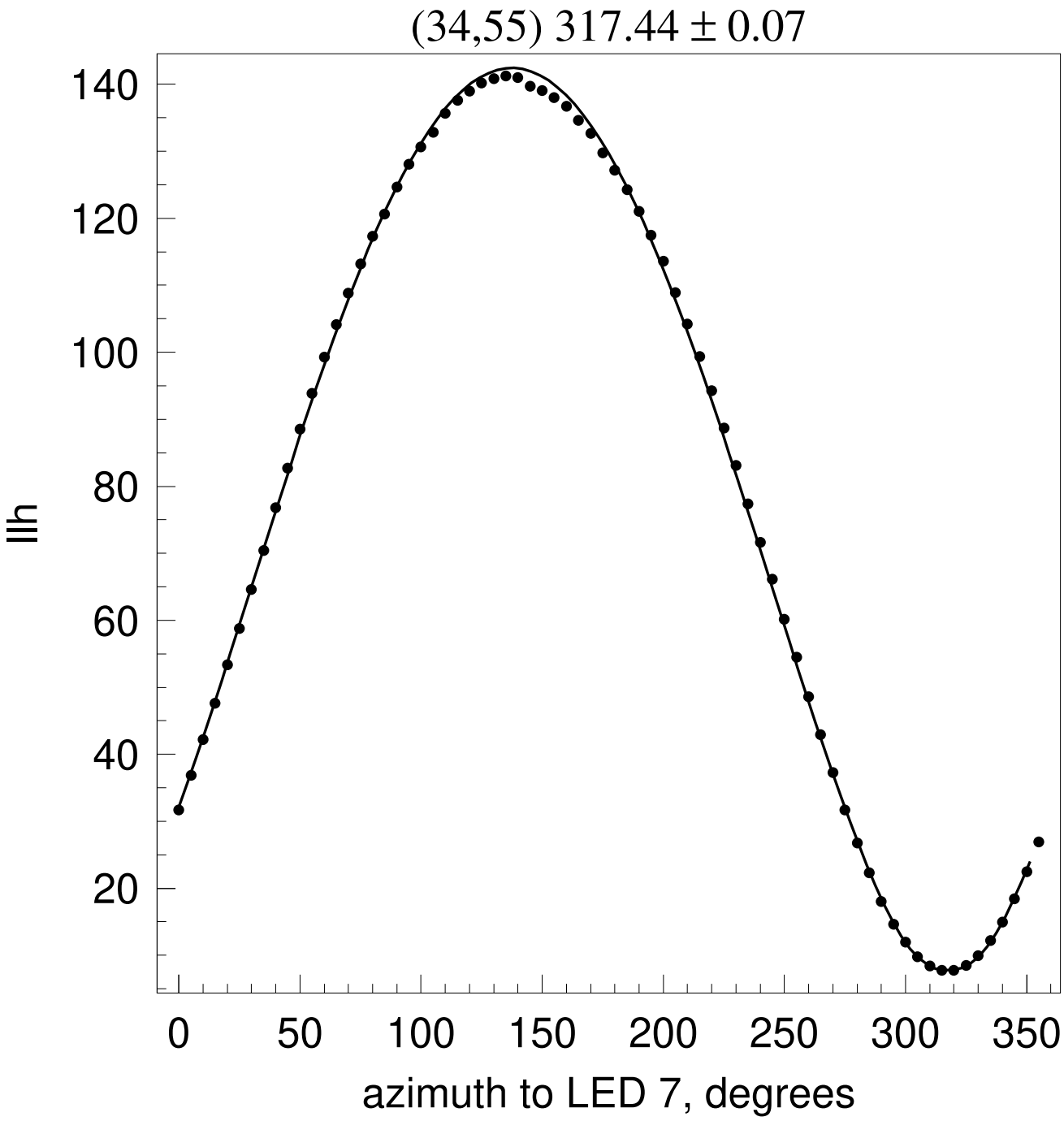

(34,50) 28.63 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

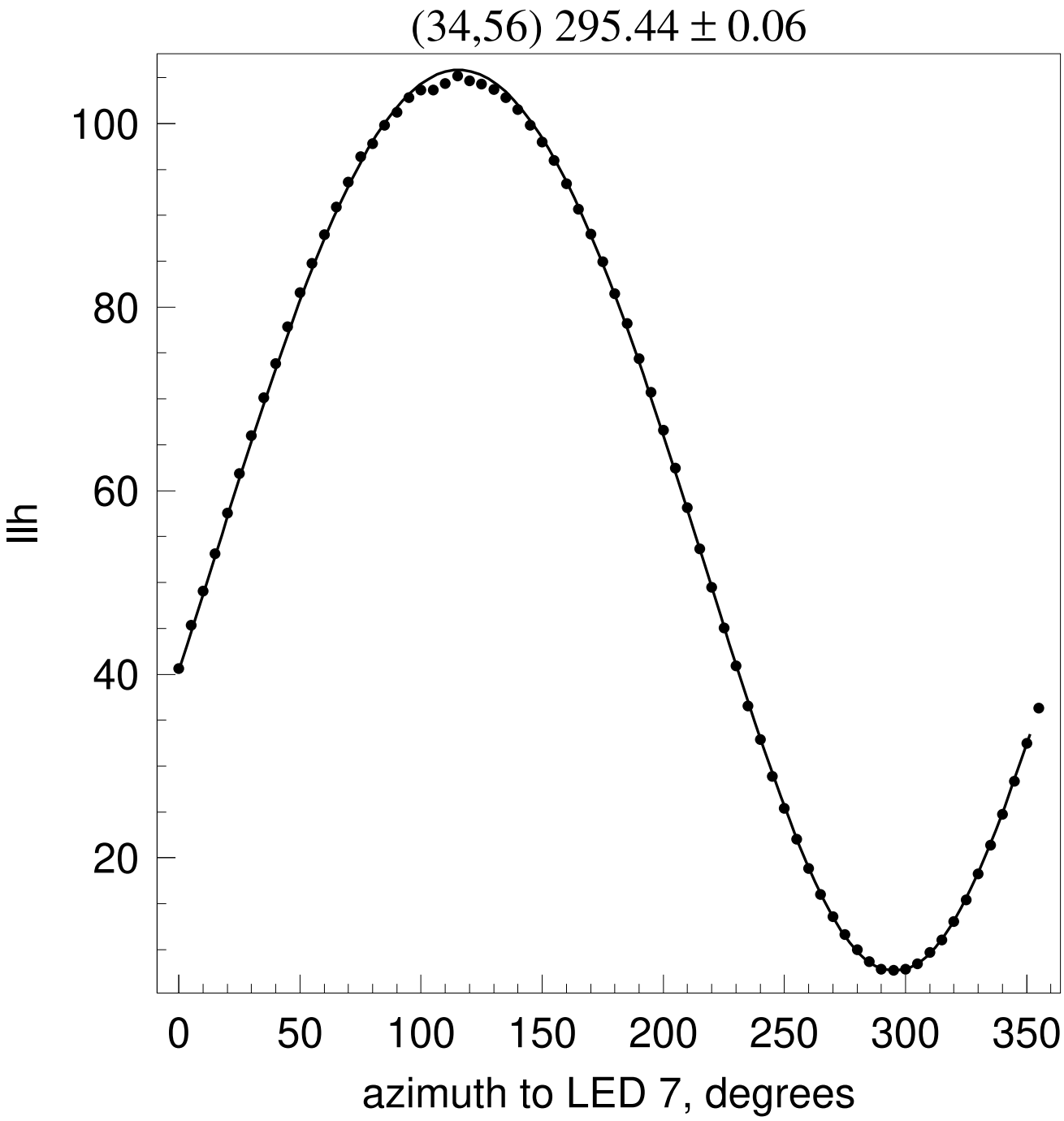

(34,51) 86.36 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

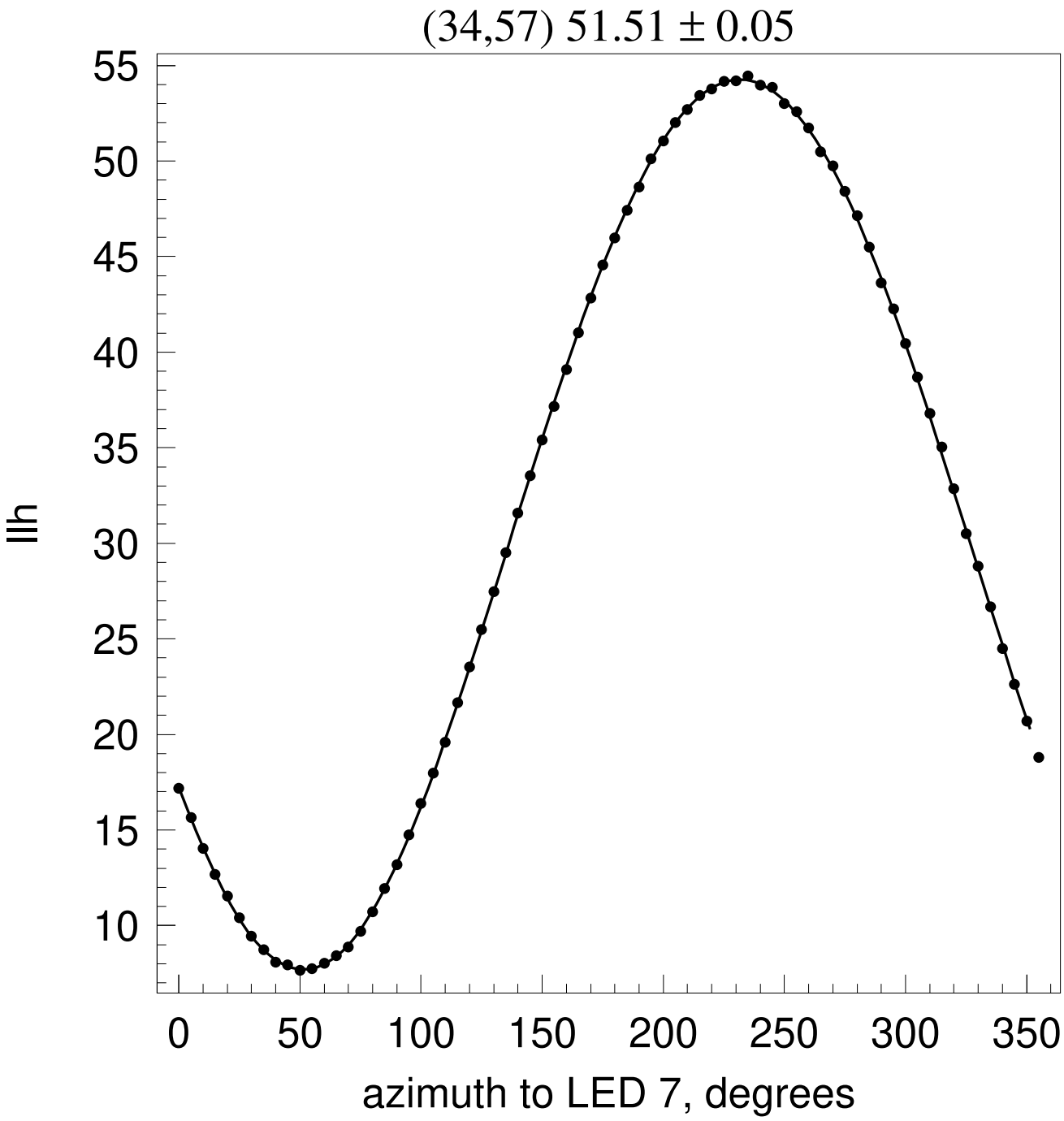

(34,52) 332.47 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

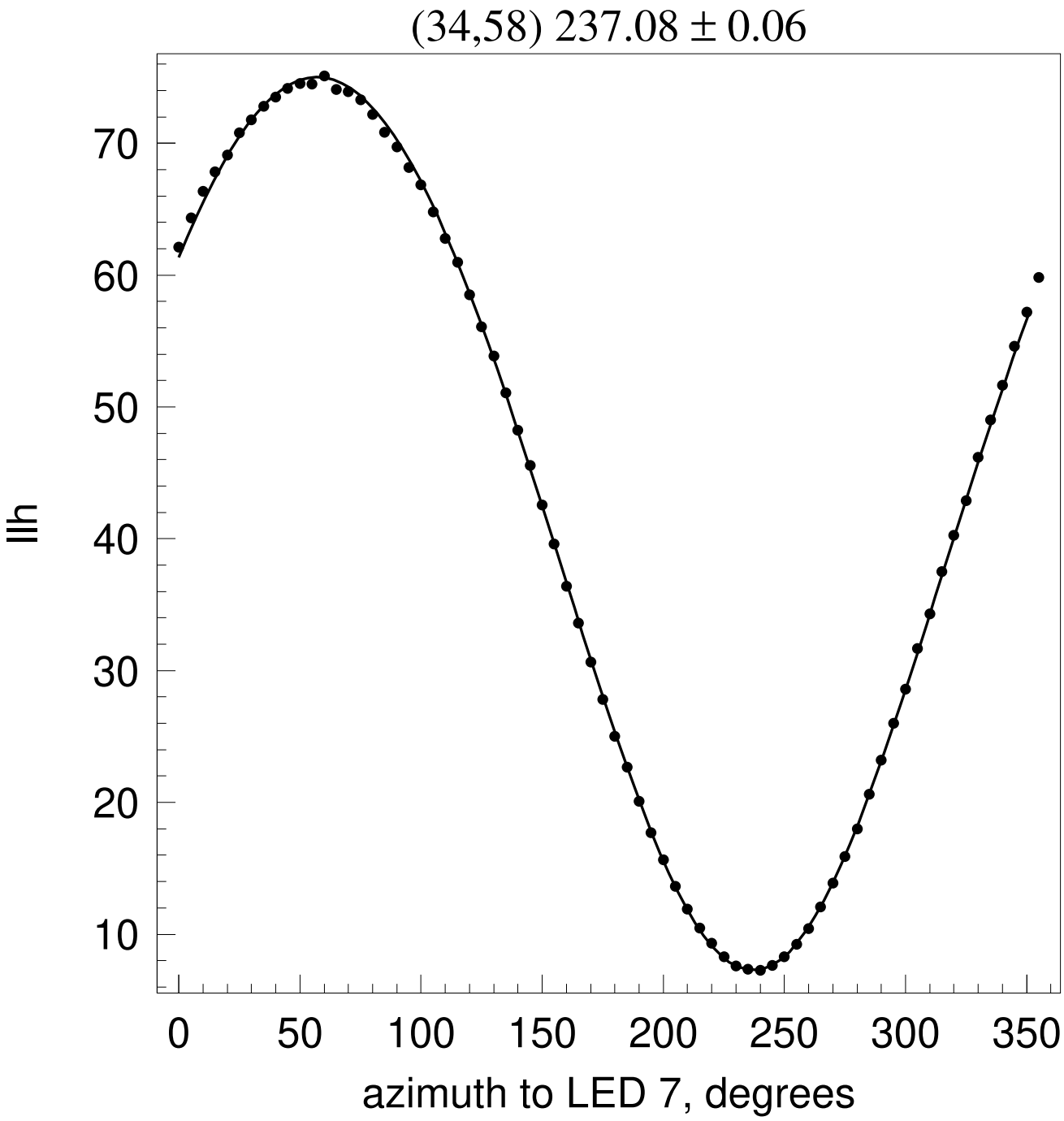

(34,53) 17.73 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

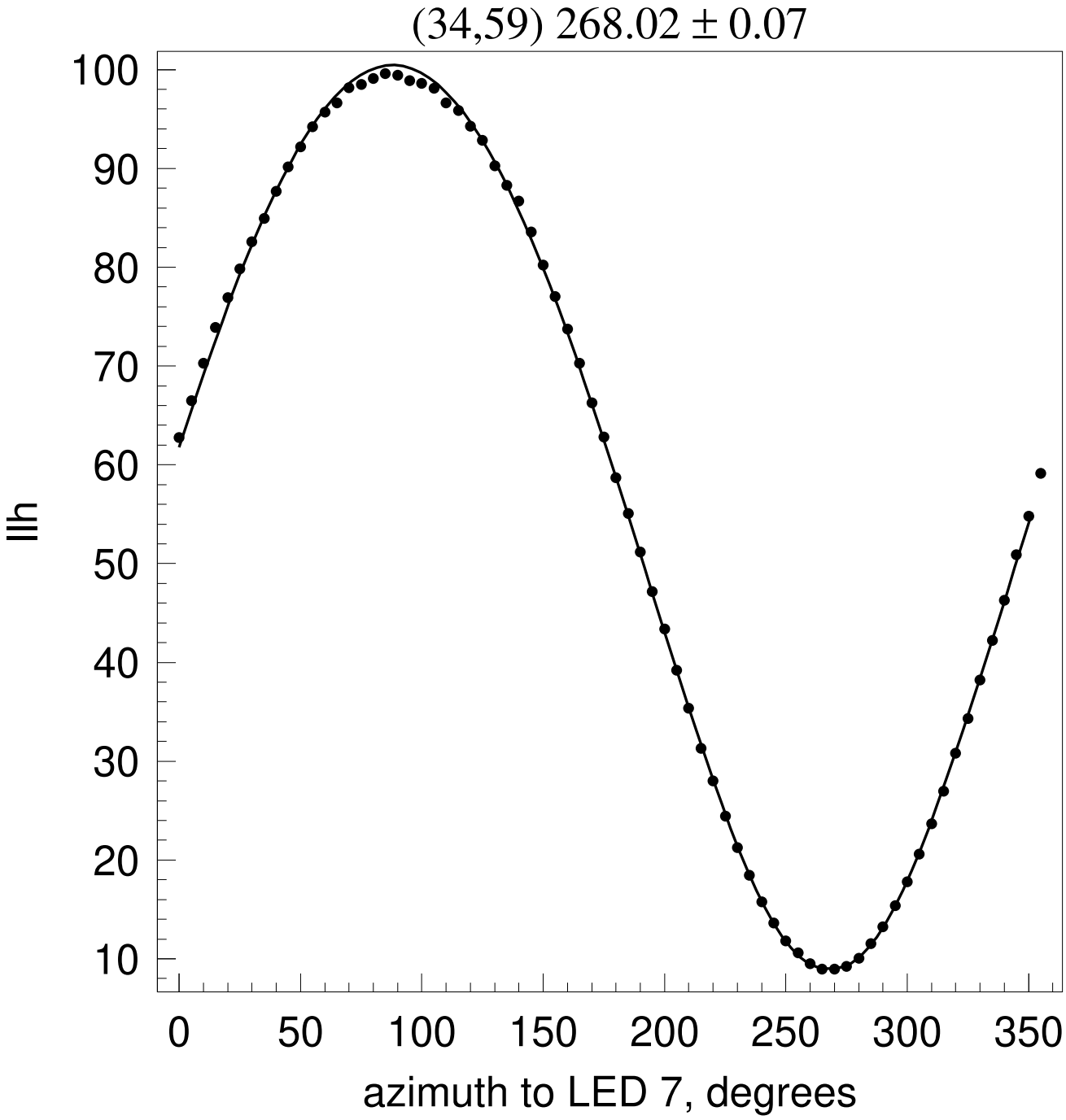

(34,54) 240.16 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

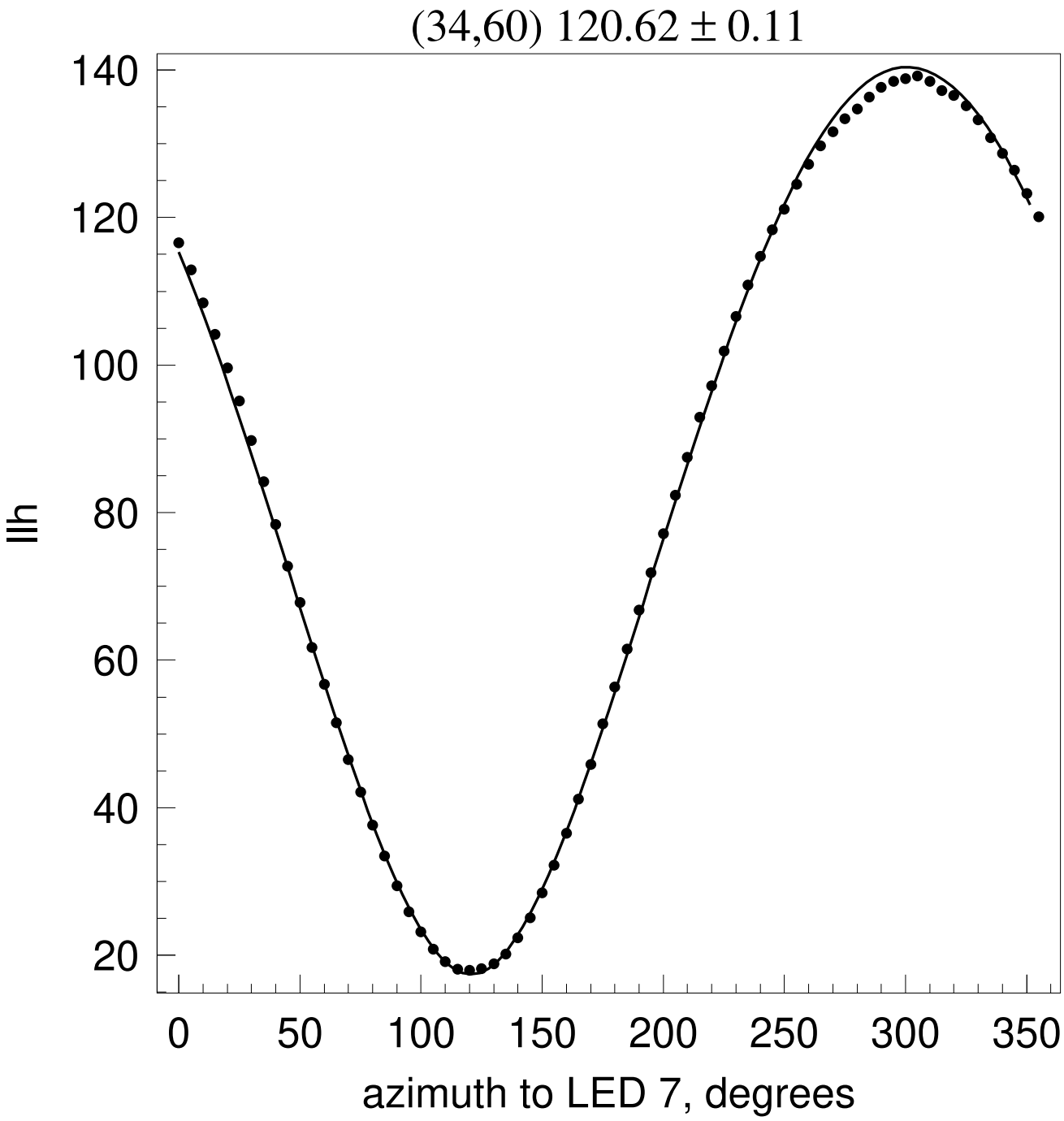

(34,55) 317.44 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

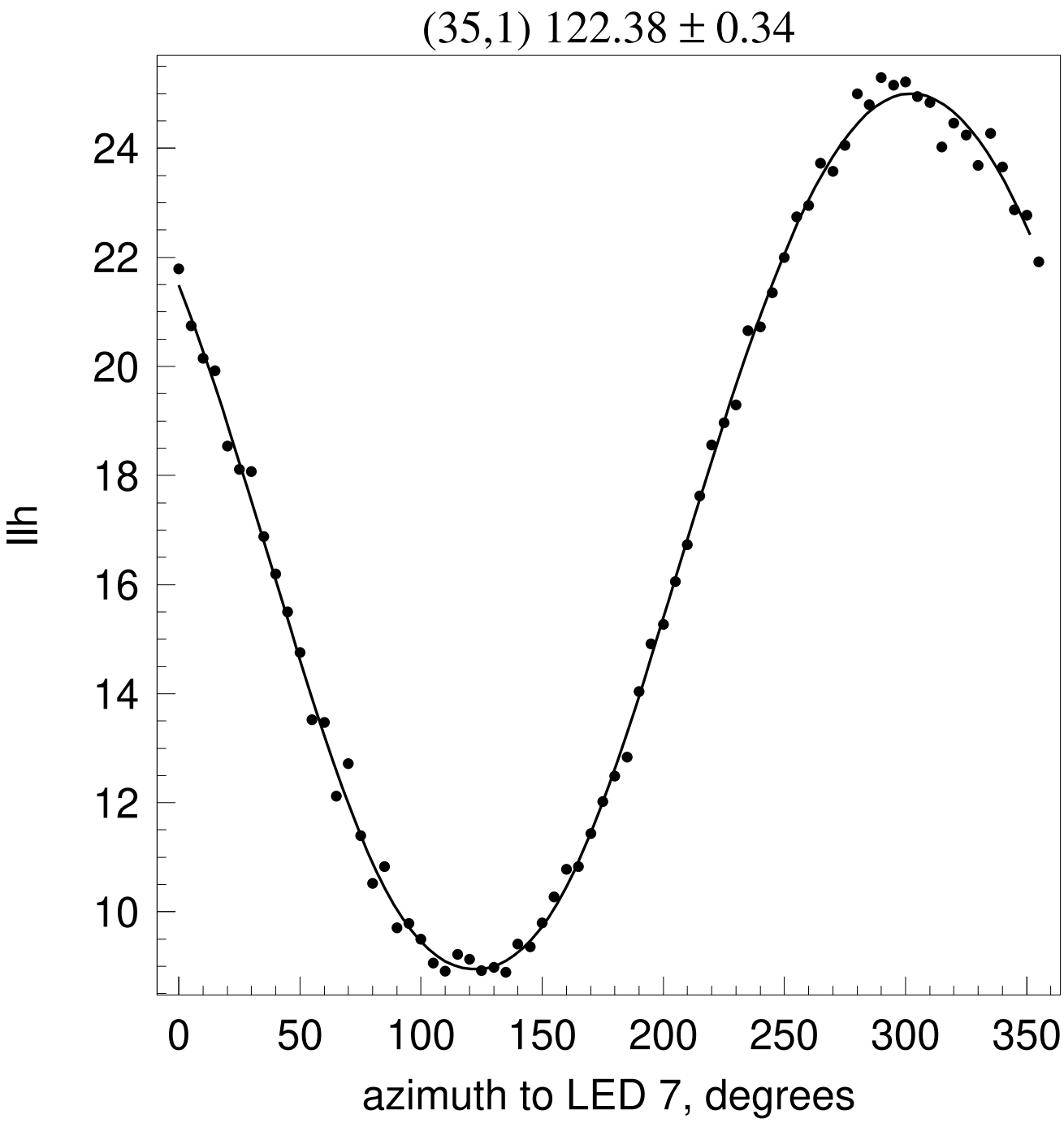

(34,56) 295.44 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

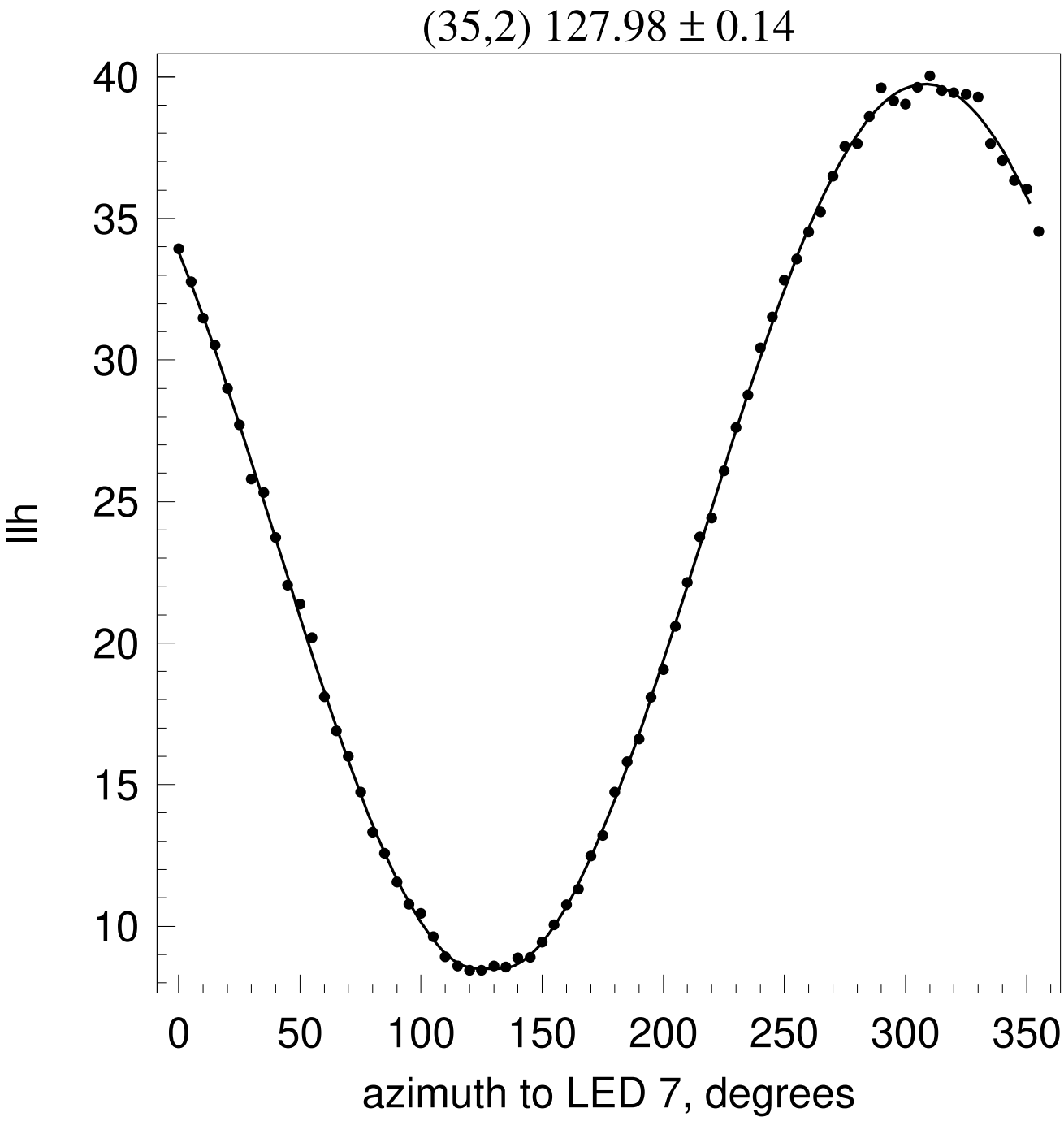

(34,57) 51.51 ± 0.05
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

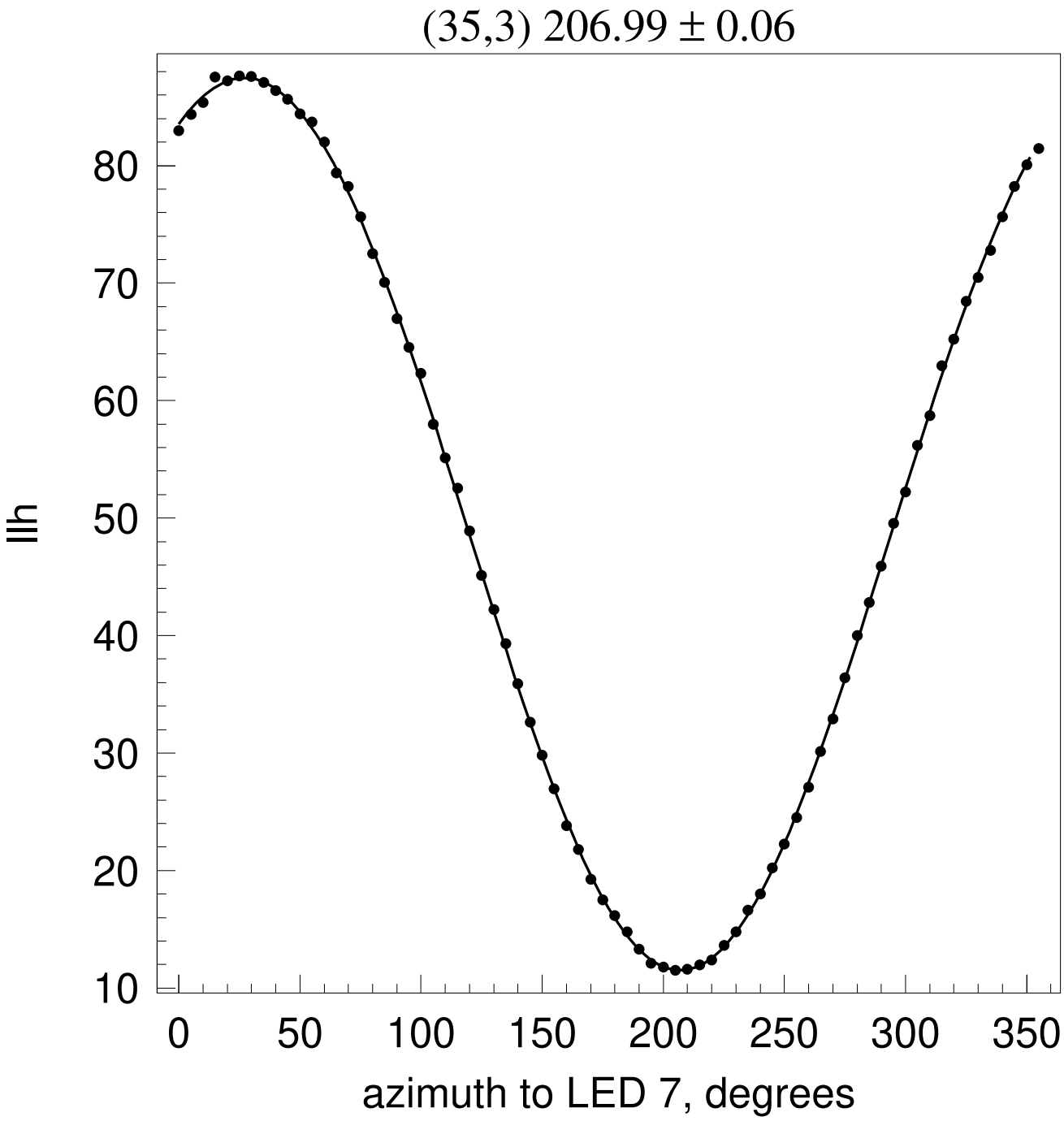

(34,58) 237.08 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

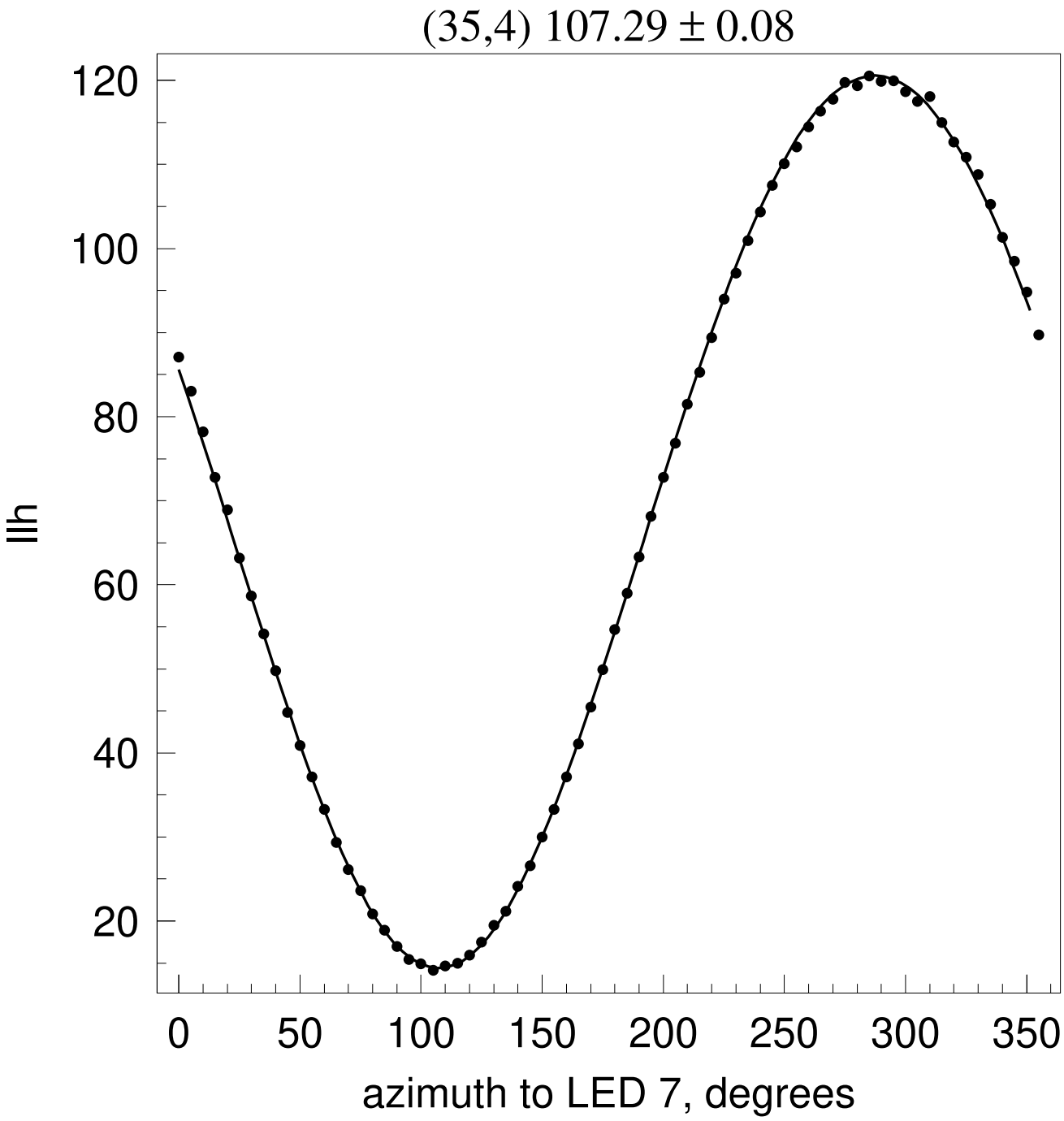

(34,59) 268.02 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

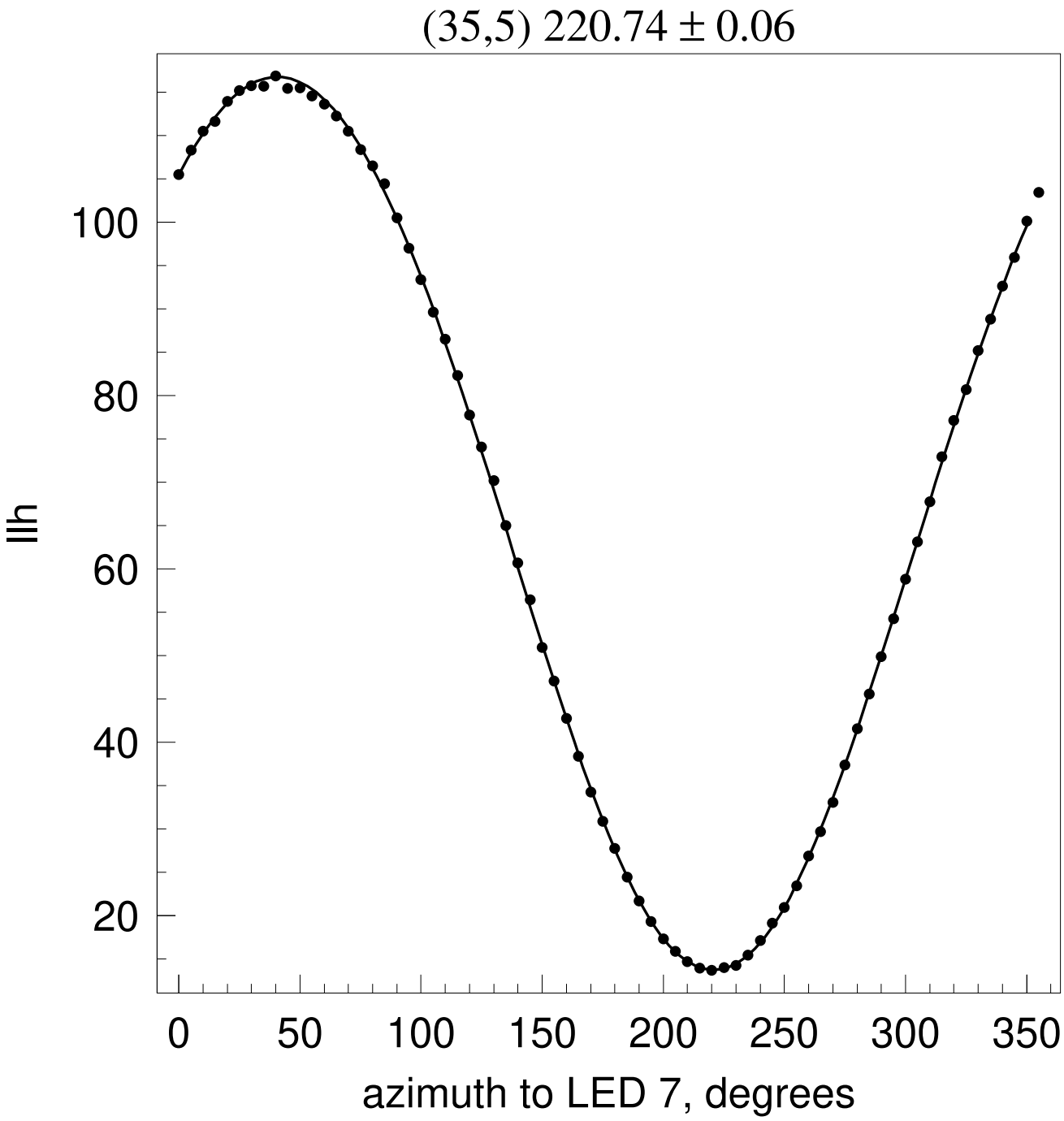

(34,60) 120.62 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

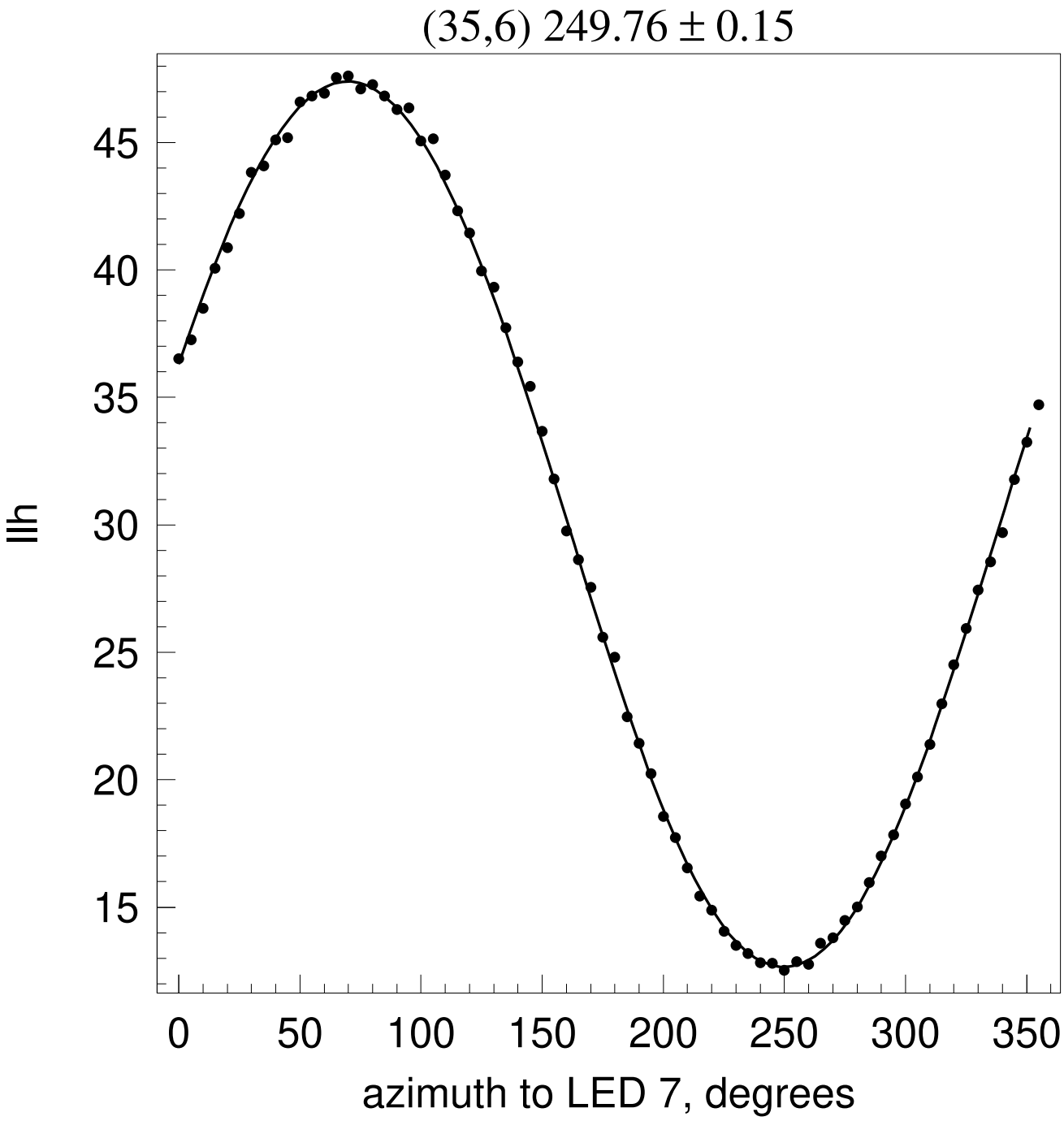

(35,1) 122.38 ± 0.34
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

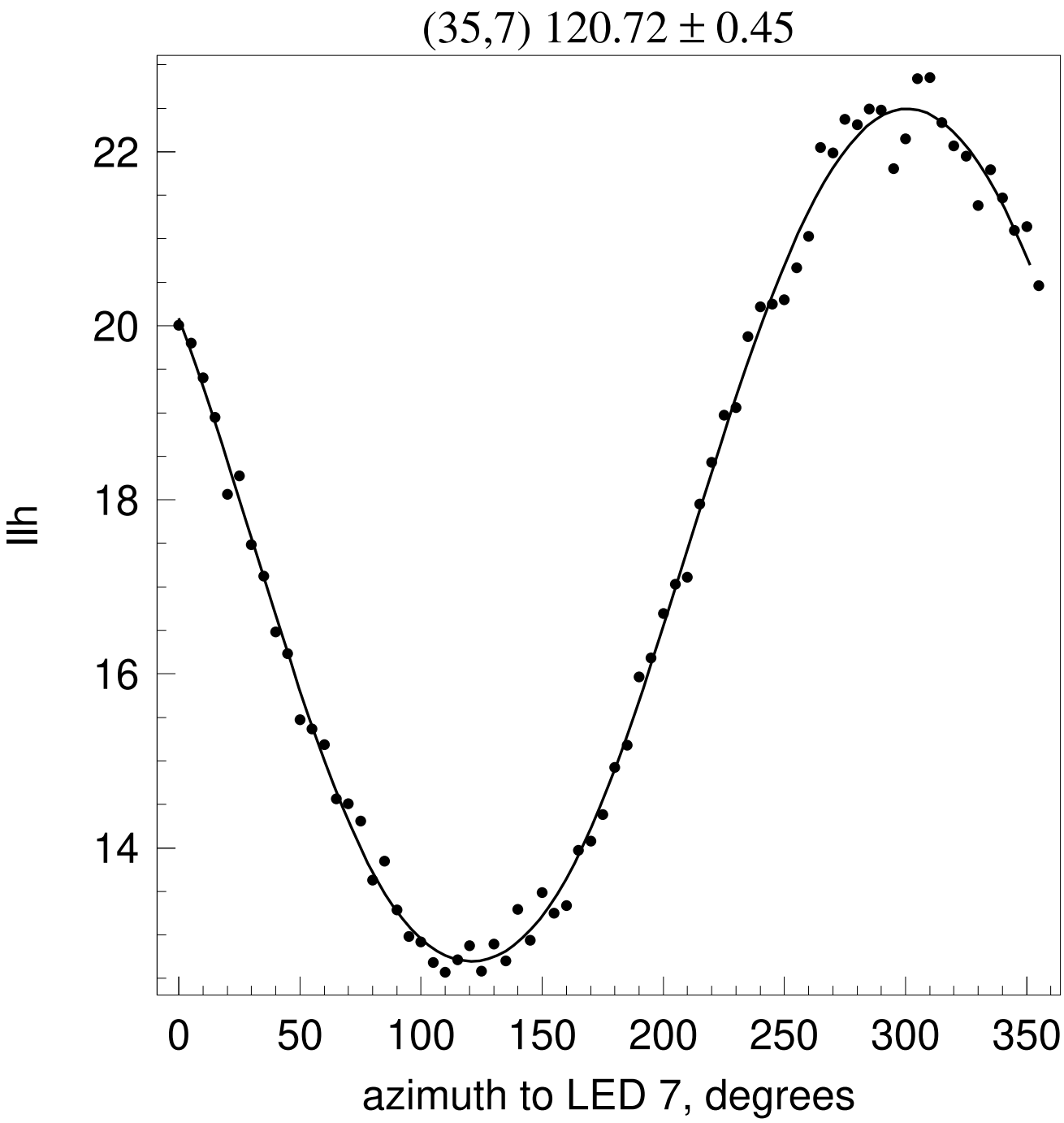

(35,2) 127.98 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

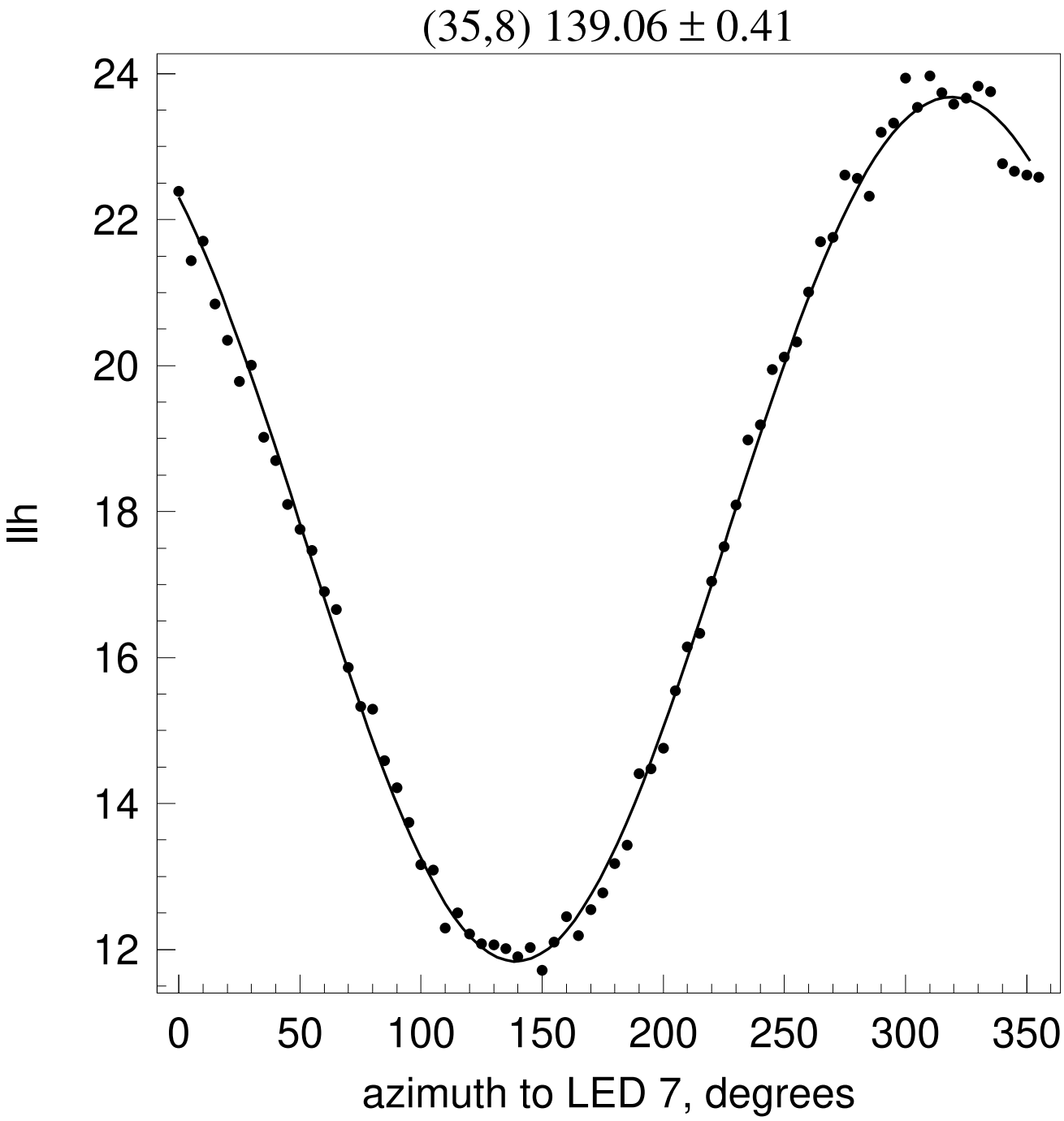

(35,3) 206.99 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

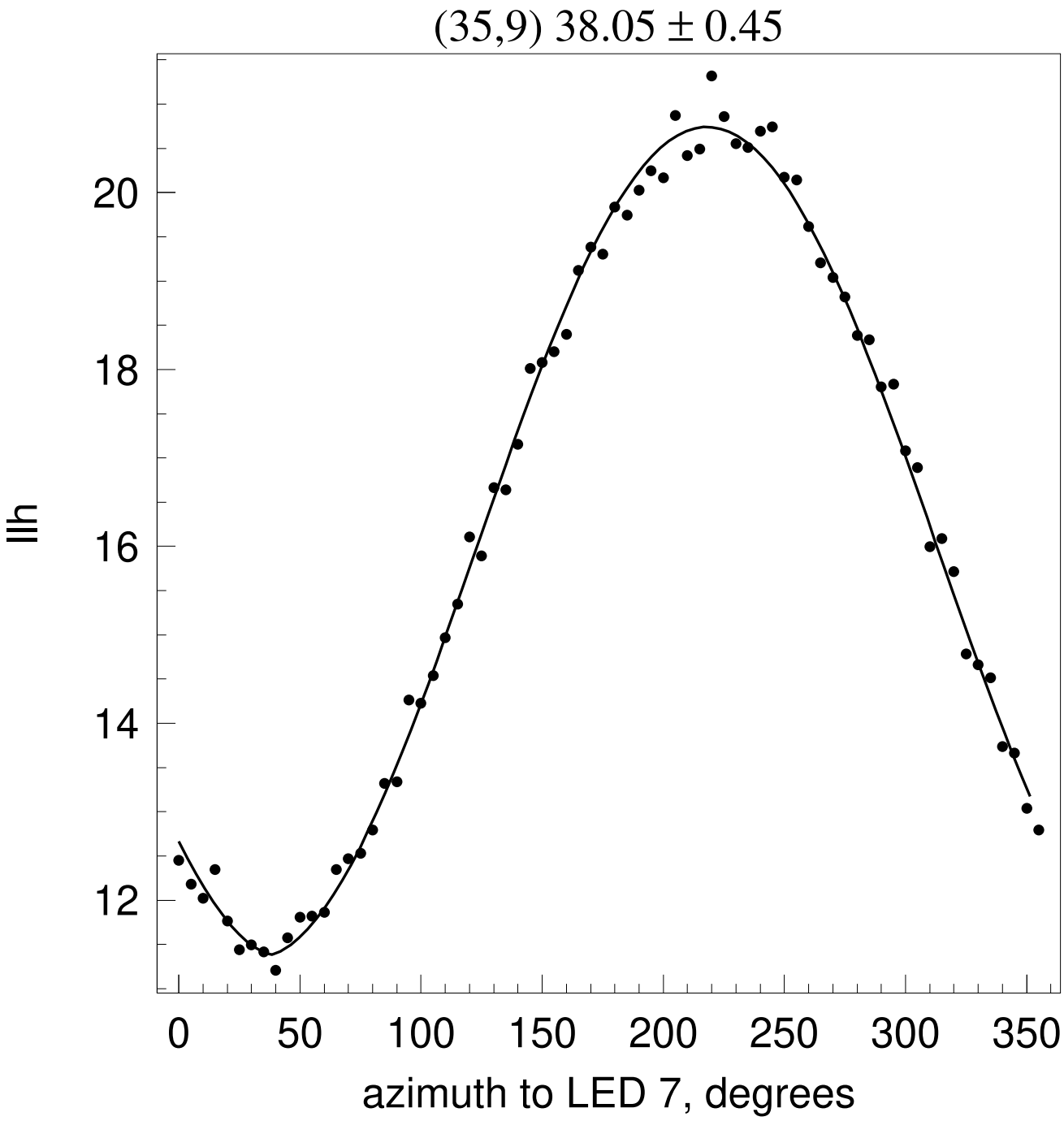

(35,4) 107.29 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

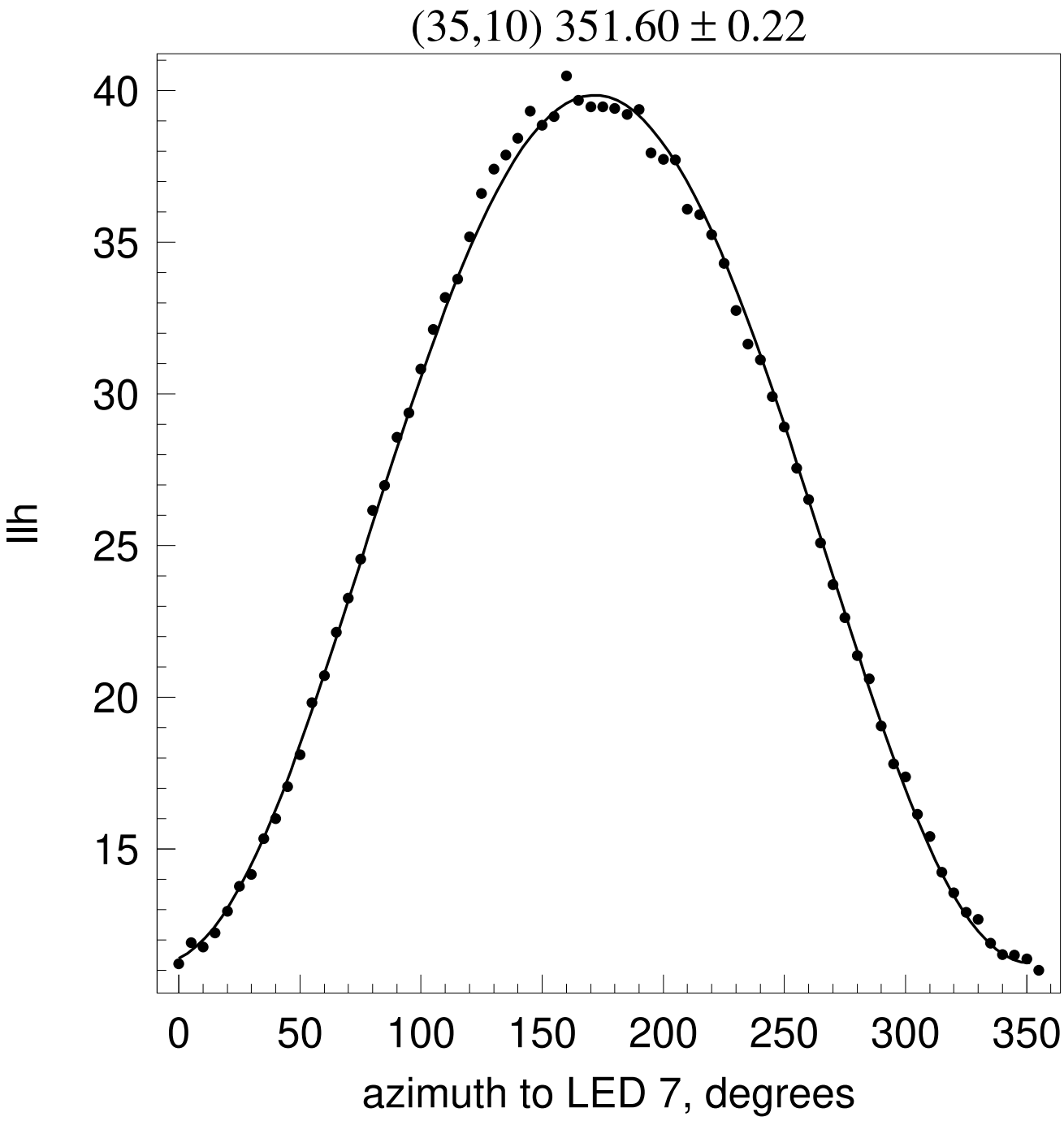

(35,5) 220.74 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

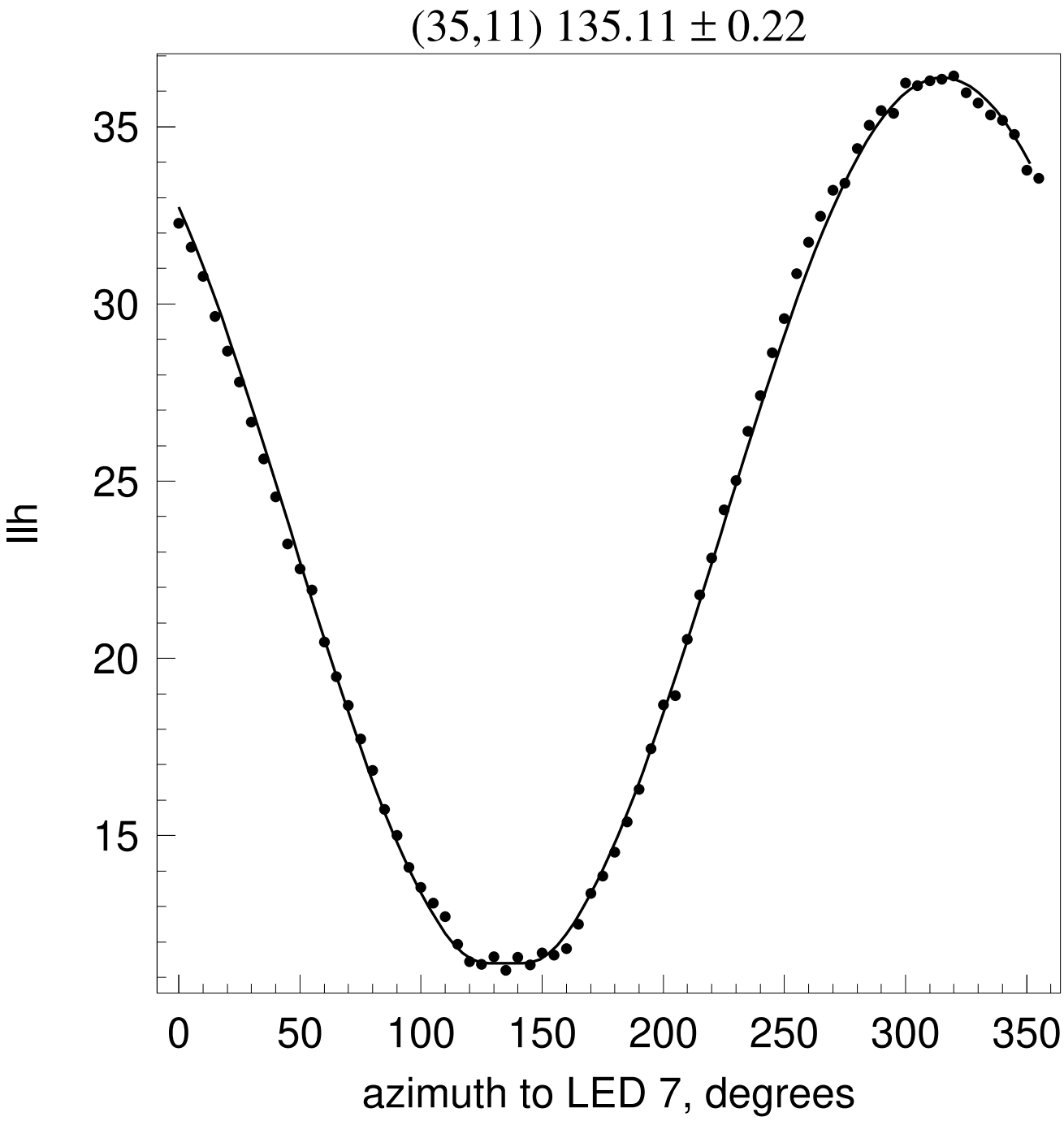

(35,6) 249.76 ± 0.15
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

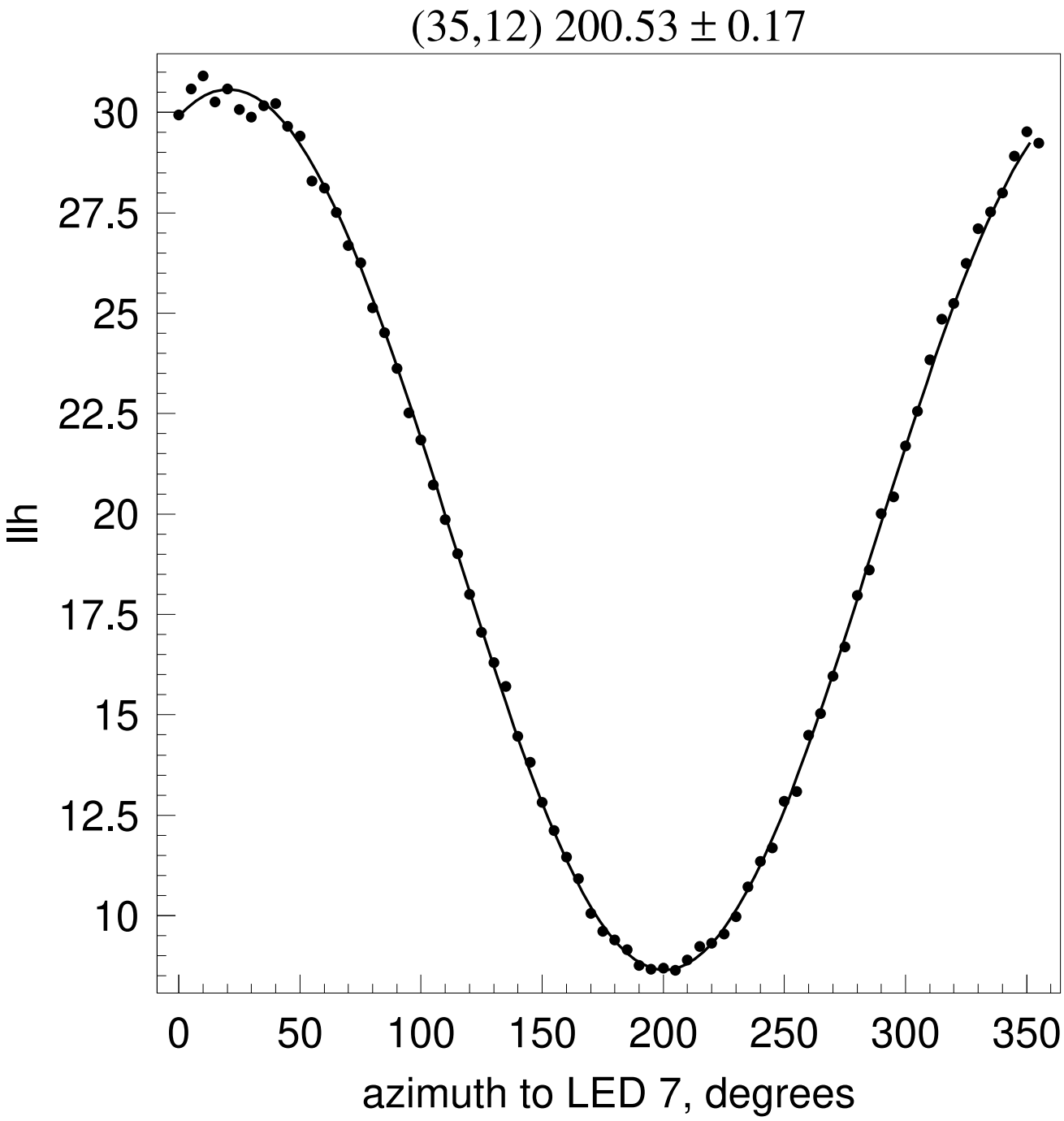

(35,7) 120.72 ± 0.45
22
20
18
16
14
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

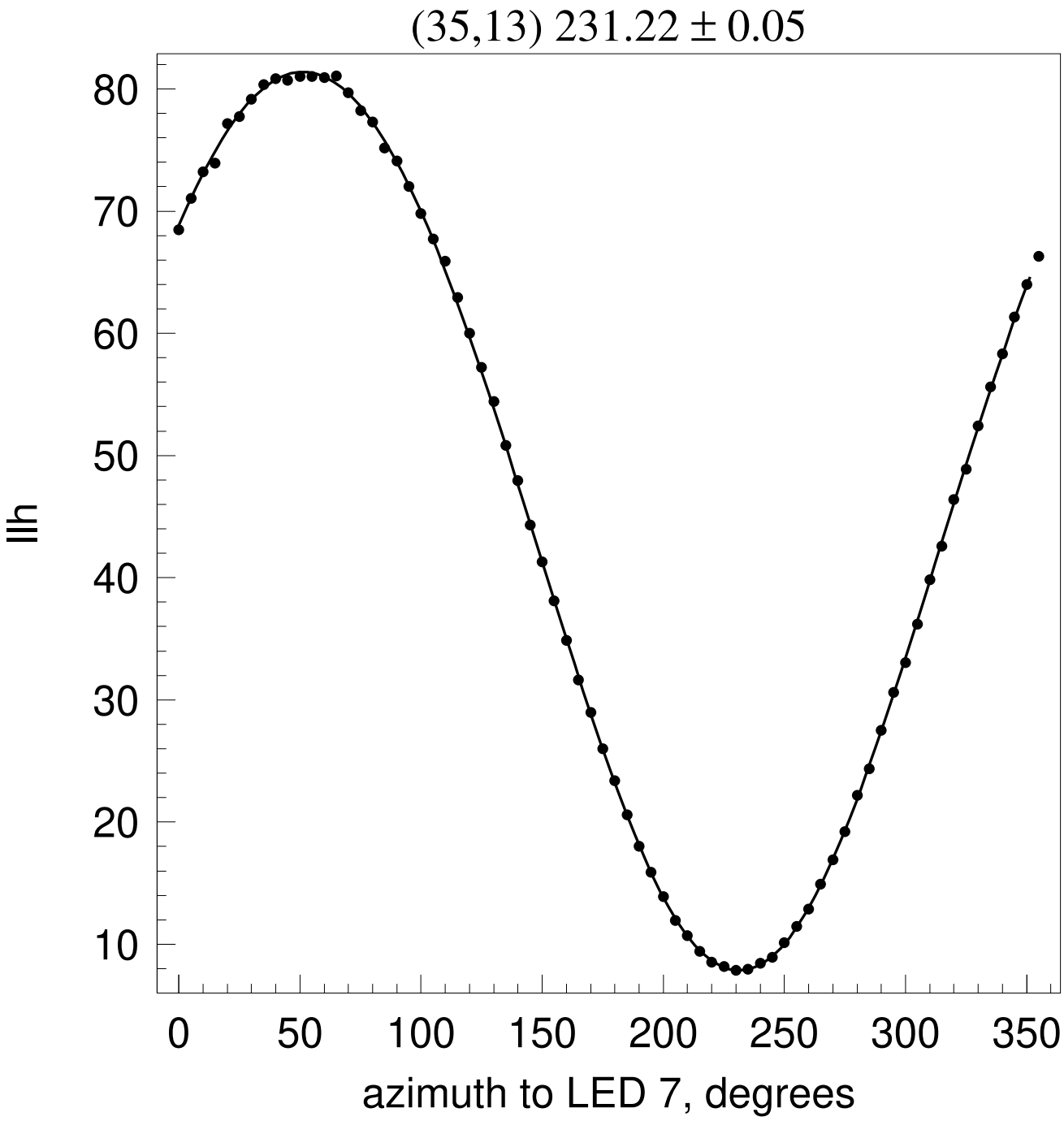

(35,8) 139.06 ± 0.41
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

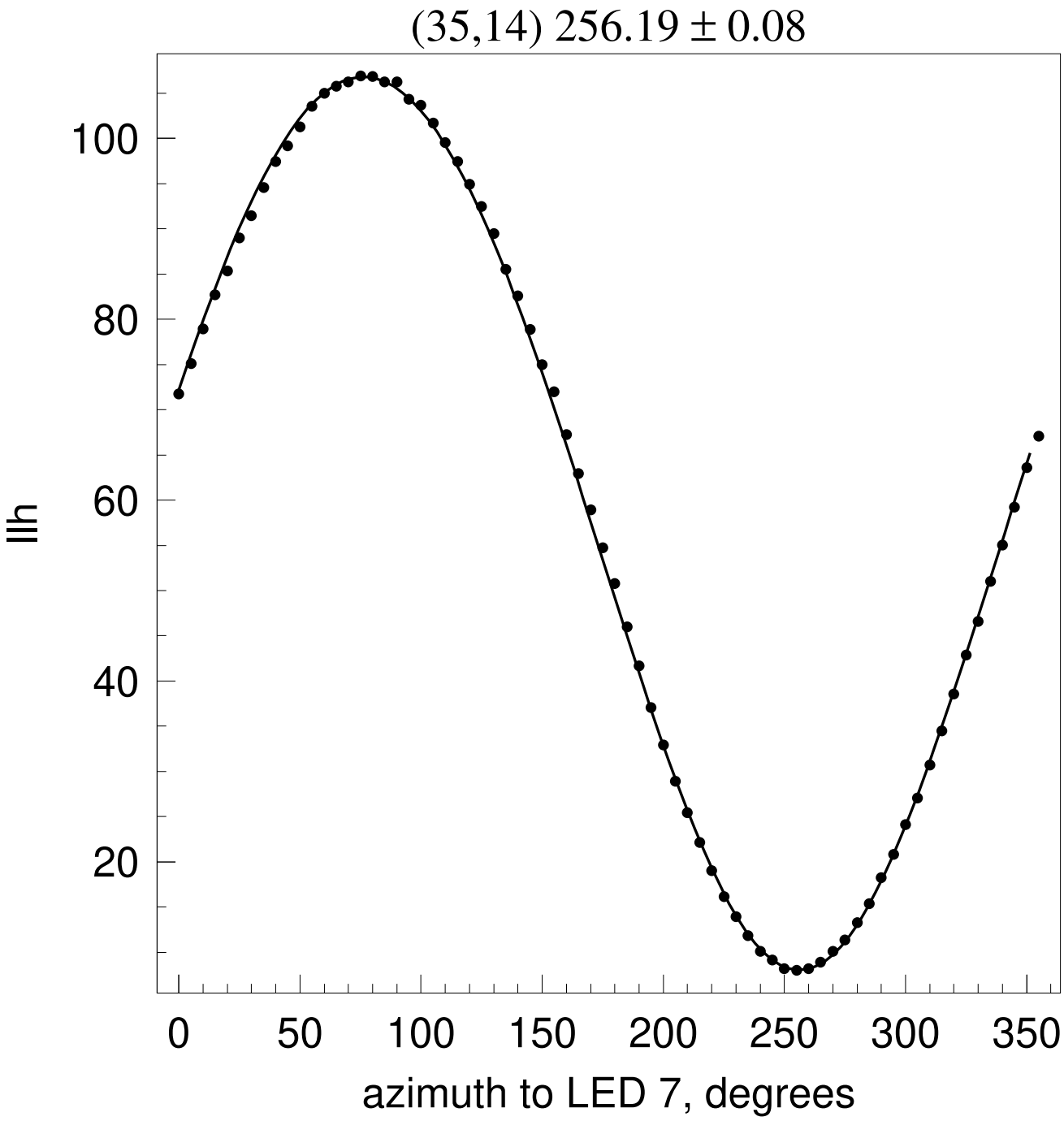

(35,9) 38.05 ± 0.45
llh
20
18
16
14
12
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

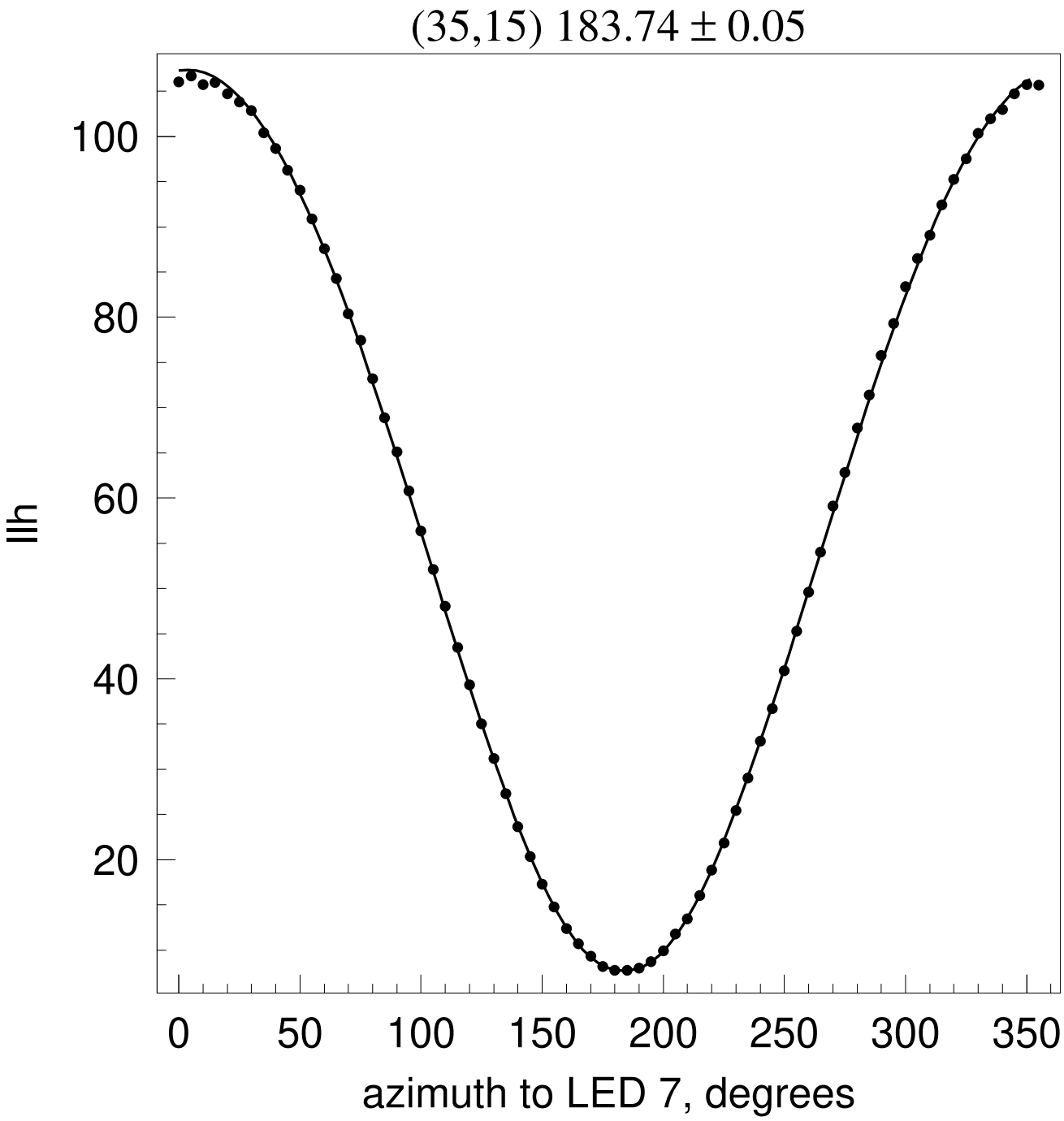

(35,10) 351.60 ± 0.22
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

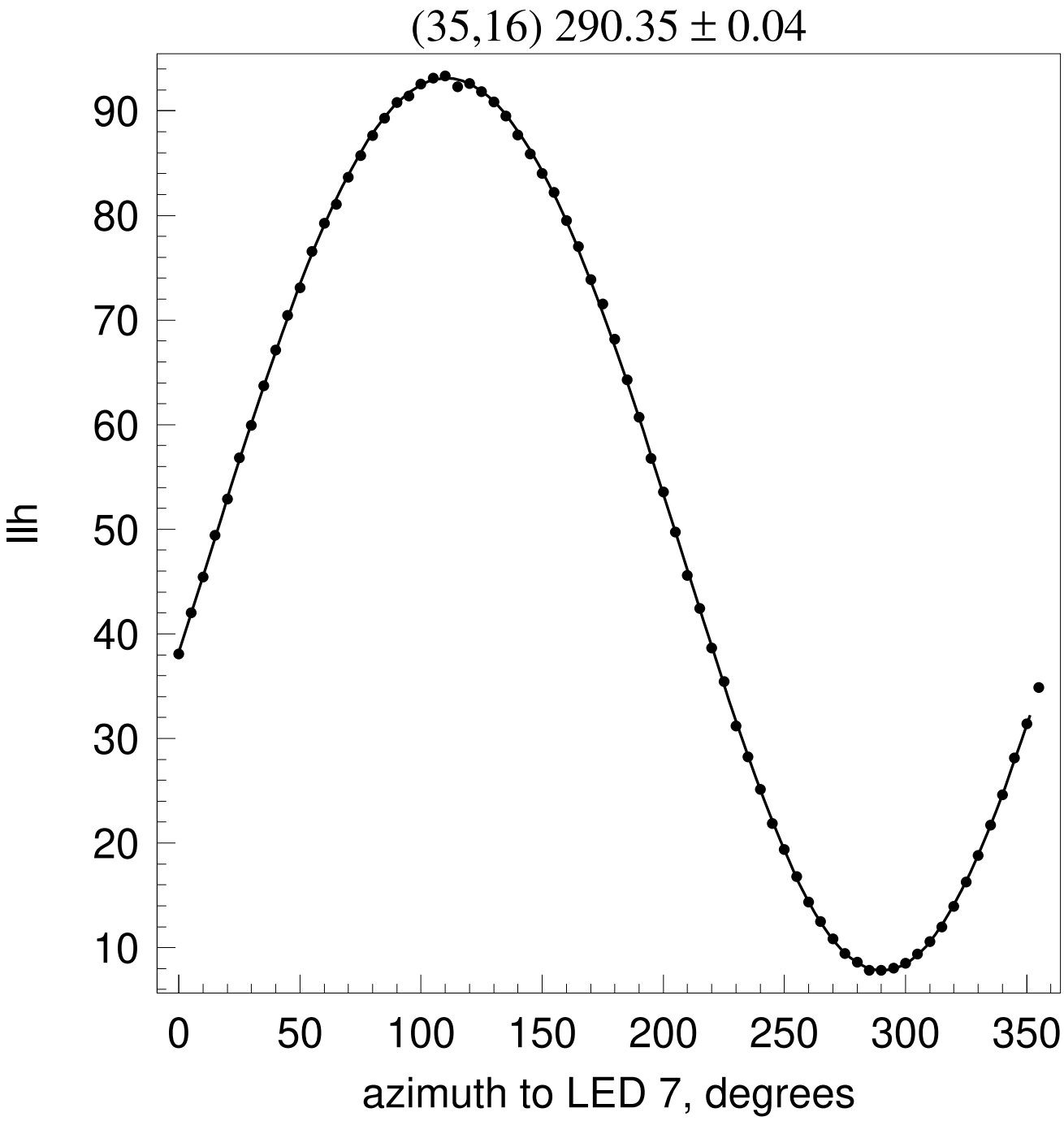

(35,11) 135.11 ± 0.22
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

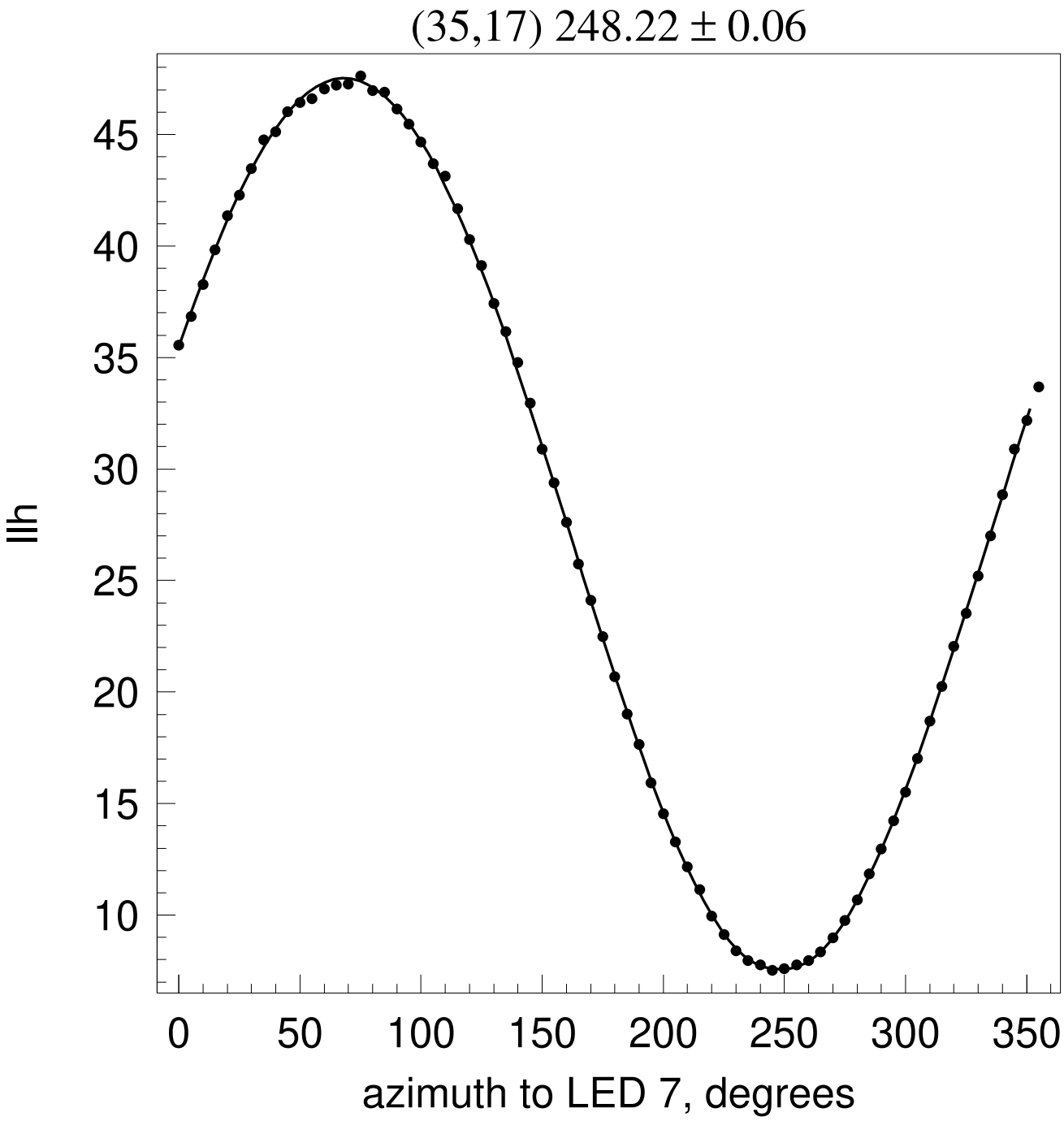

(35,12) 200.53 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

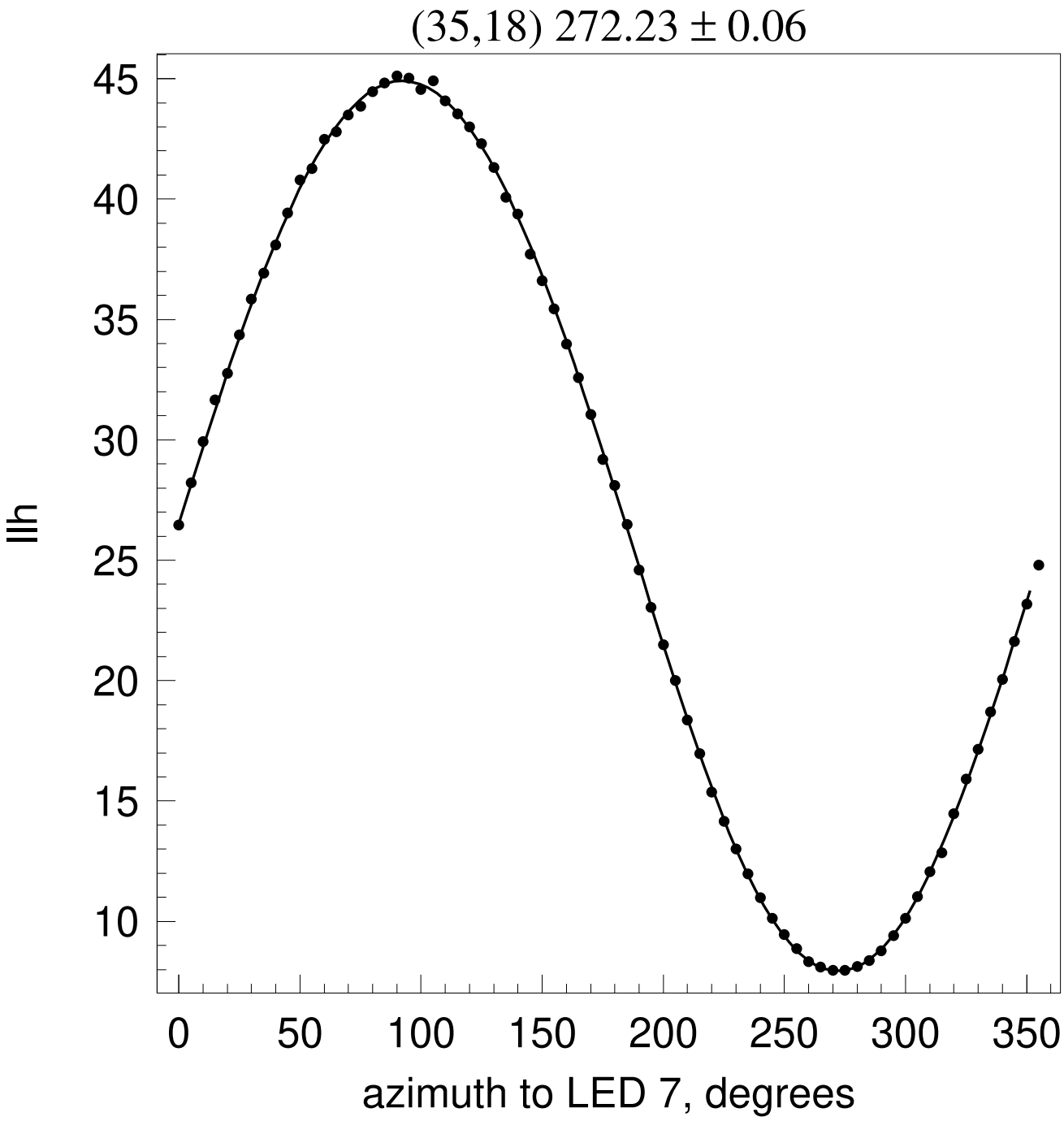

(35,13) 231.22 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

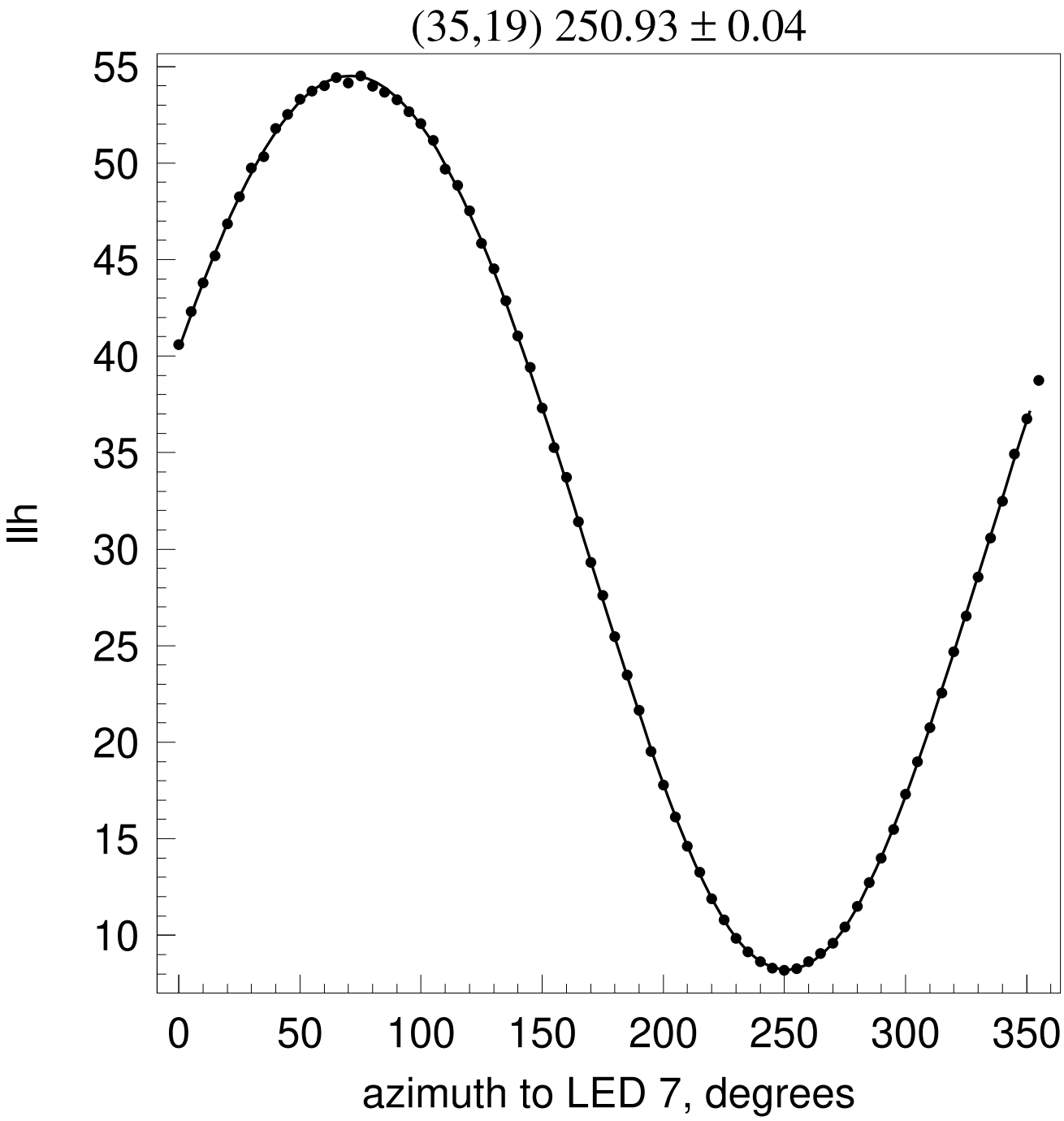

(35,14) 256.19 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

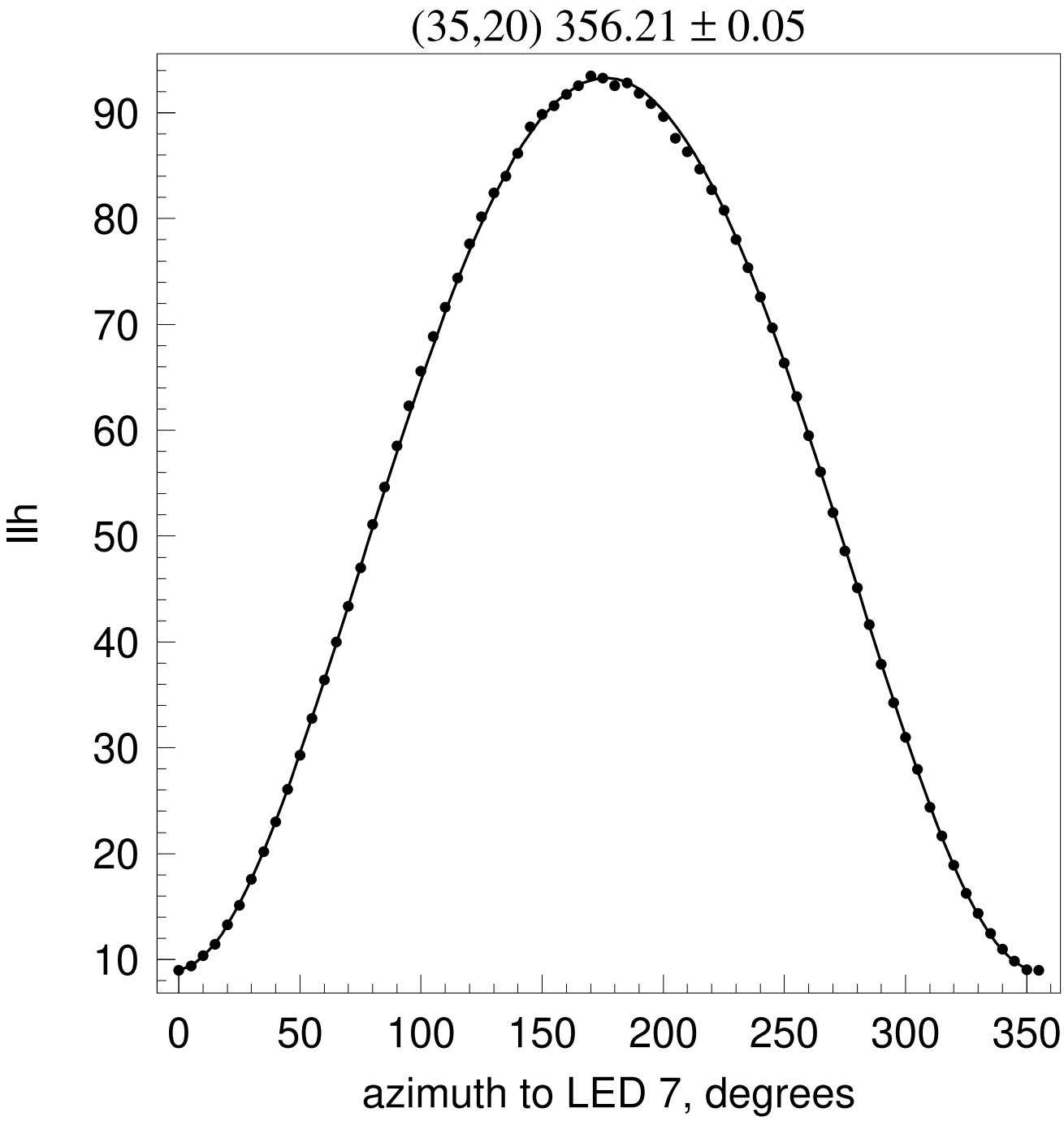

(35,15) 183.74 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

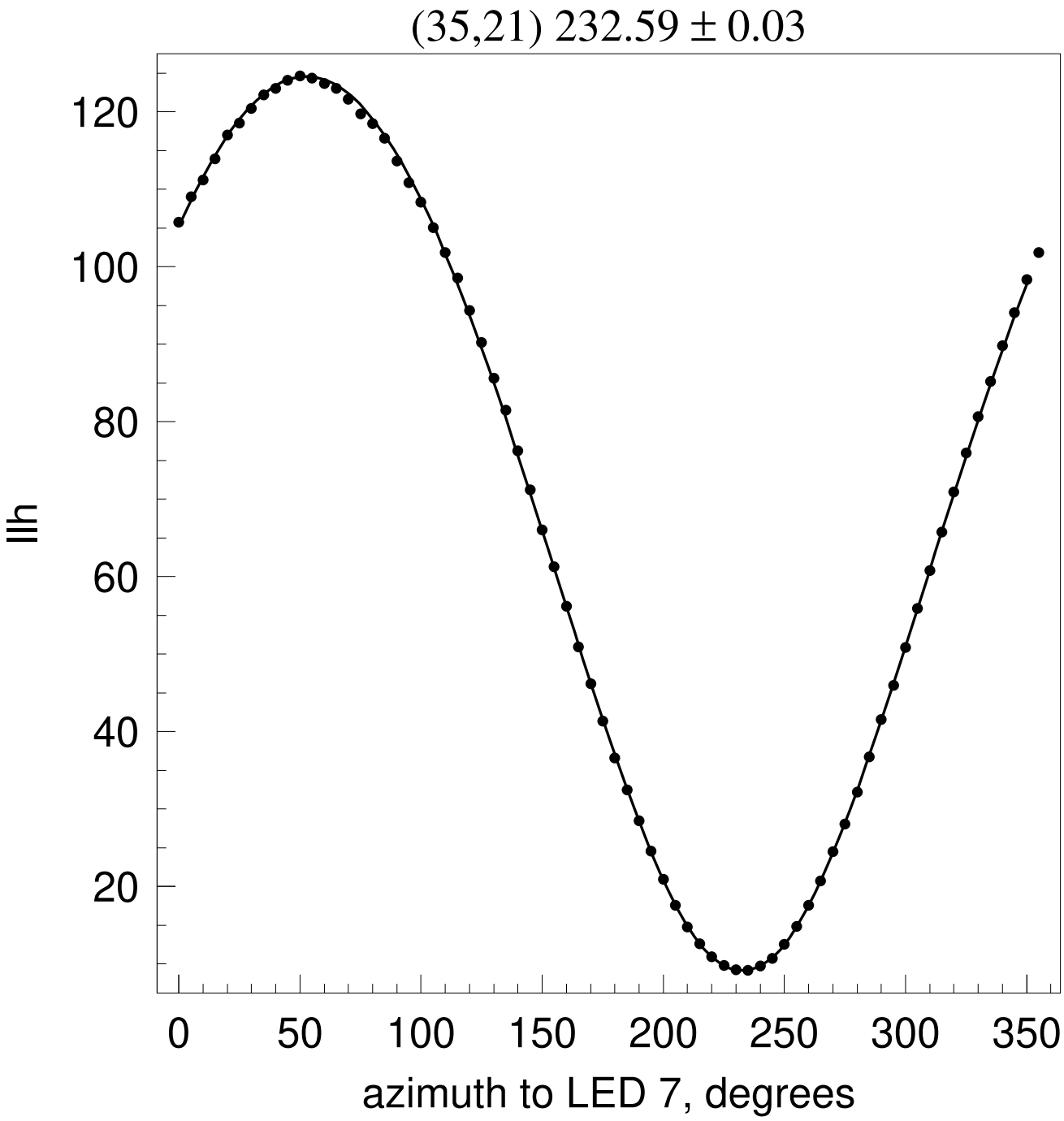

(35,16) 290.35 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

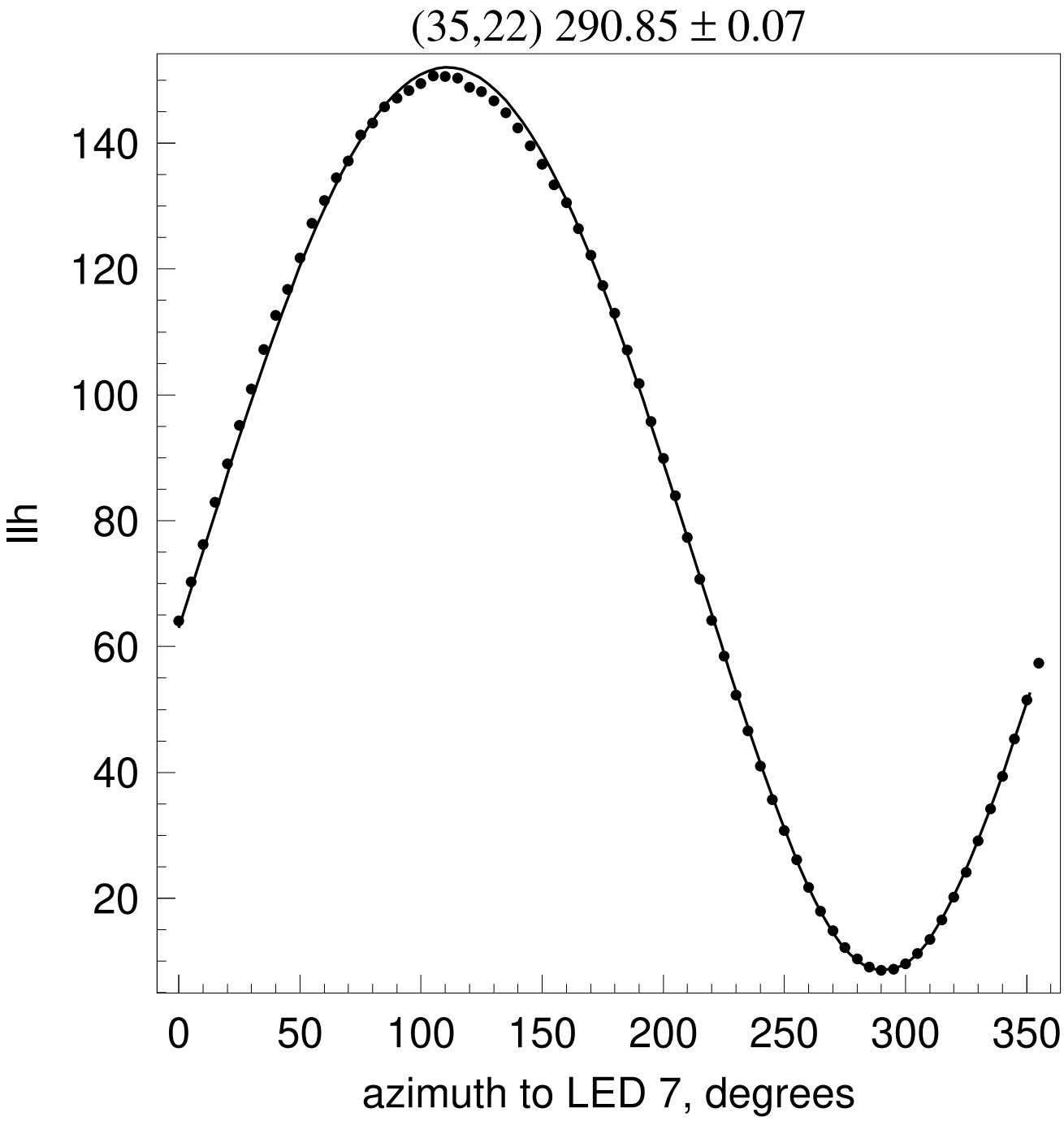

(35,17) 248.22 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

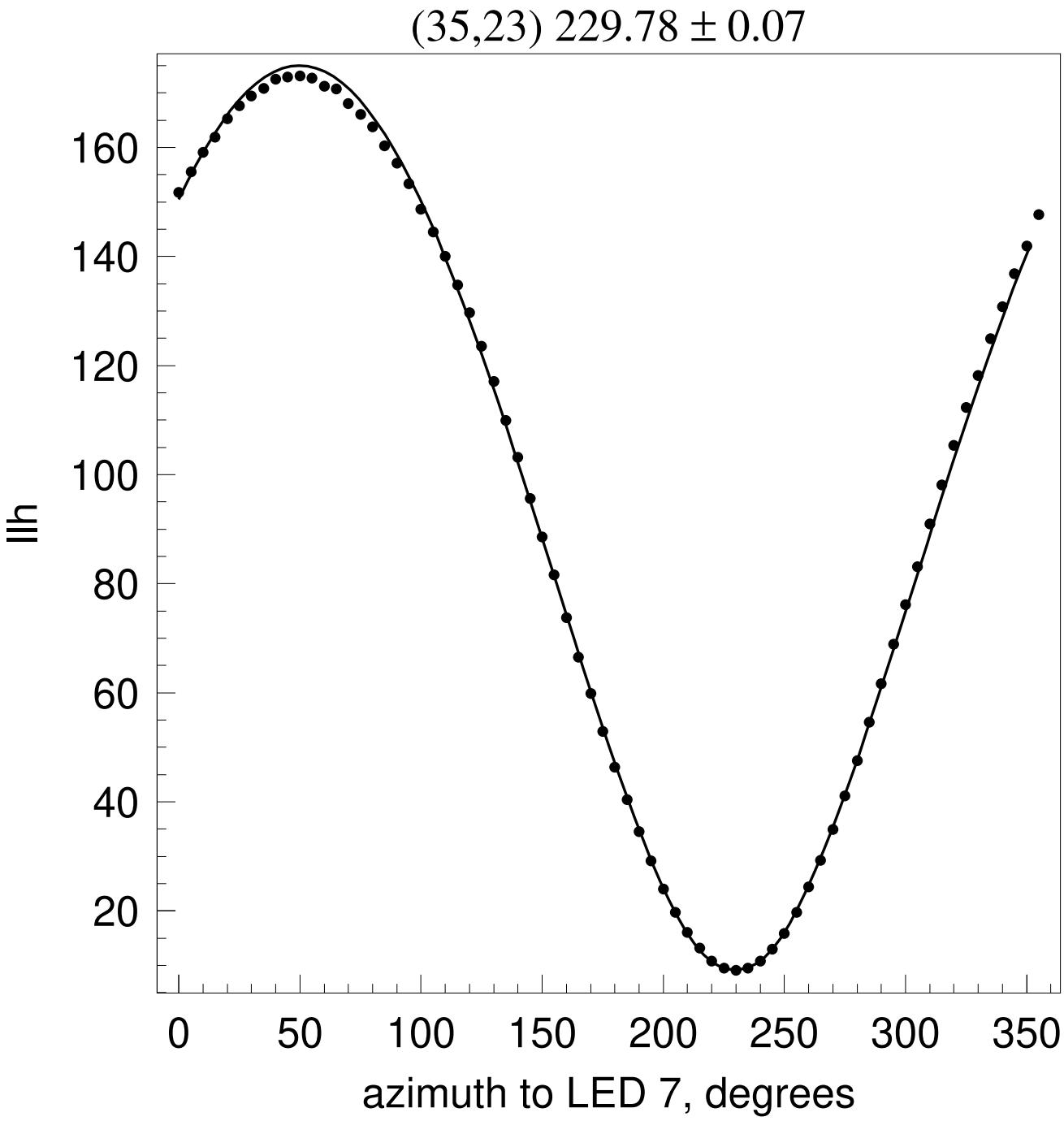

(35,18) 272.23 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

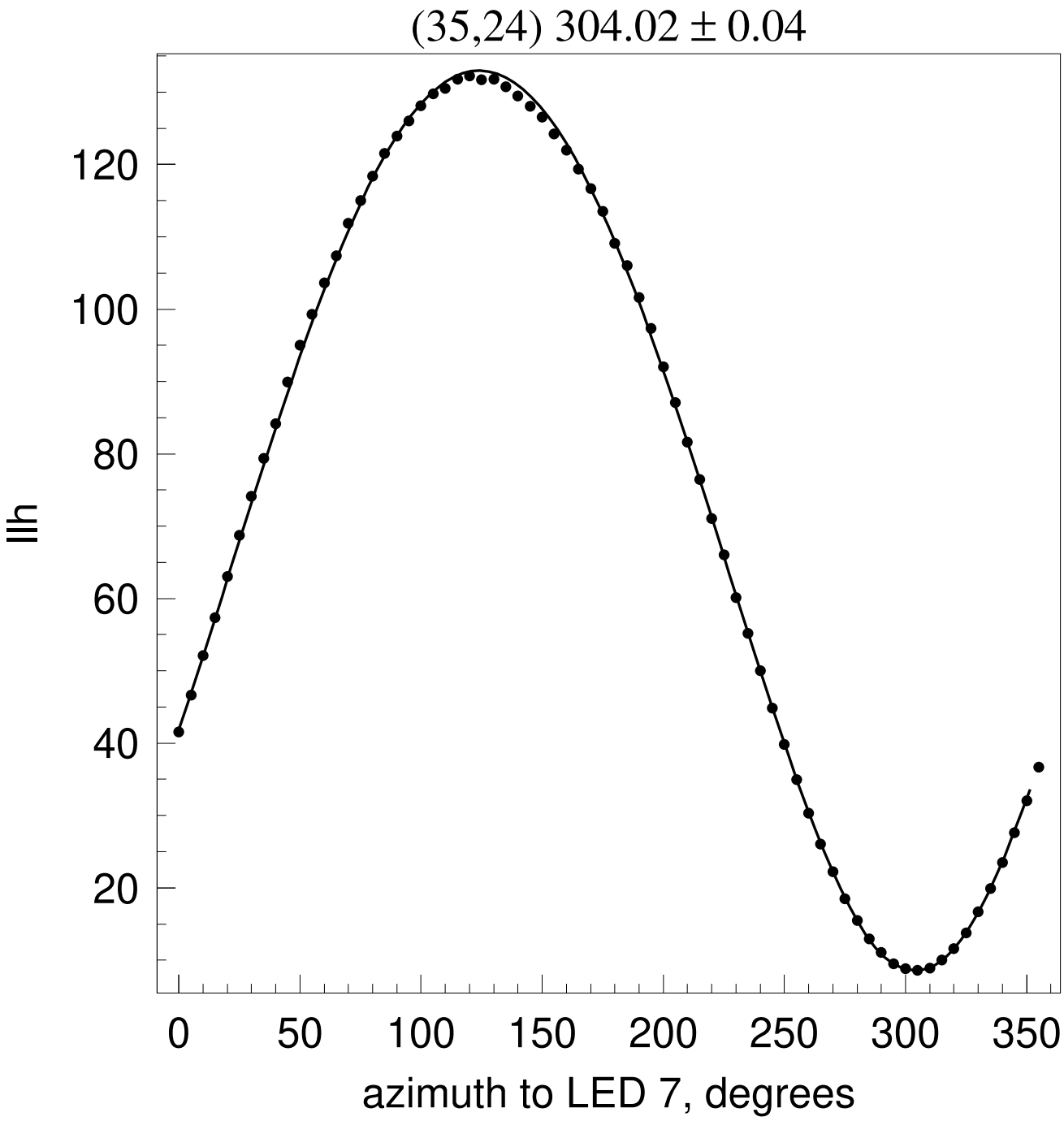

(35,19) 250.93 ± 0.04
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

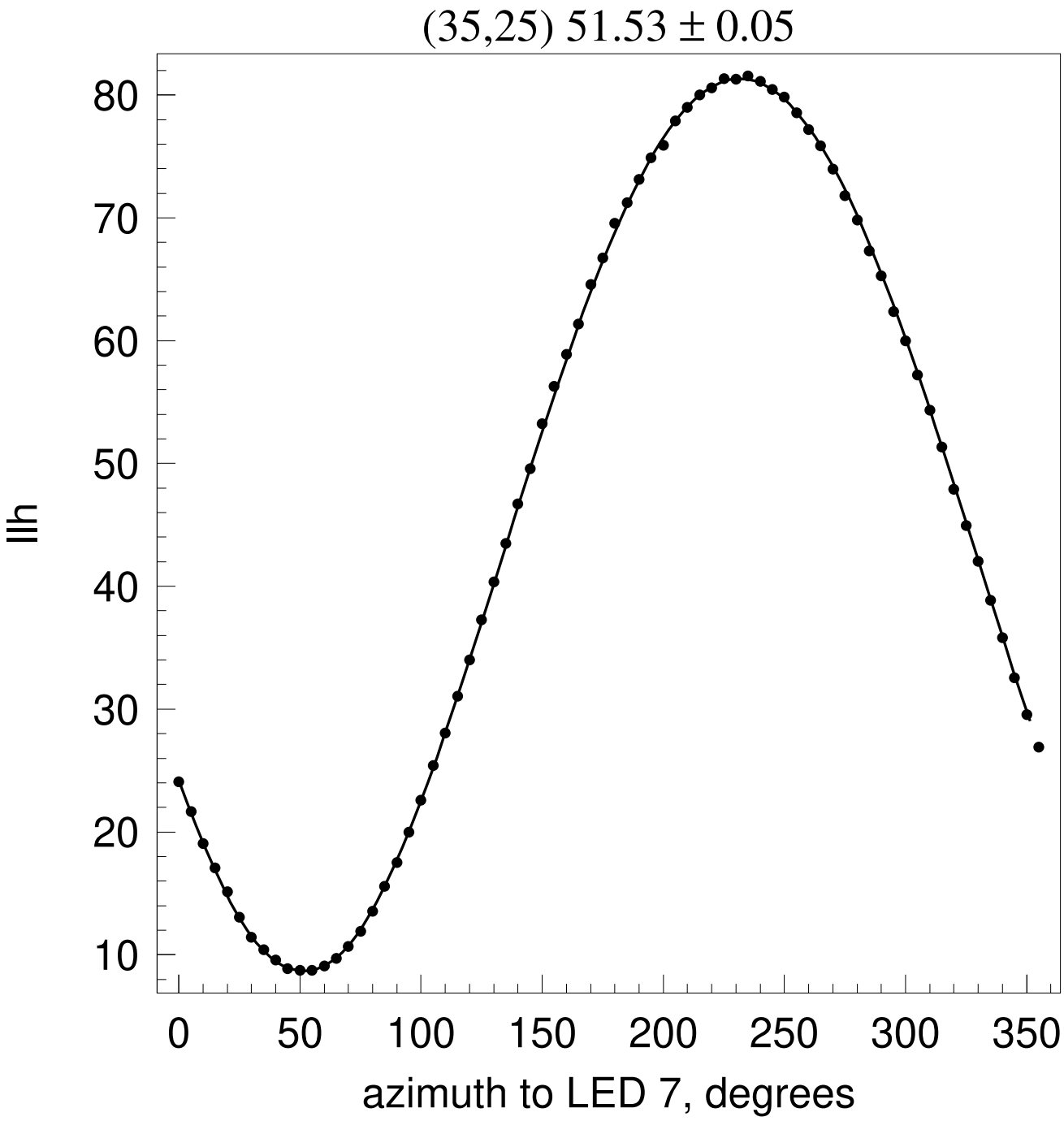

(35,20) 356.21 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

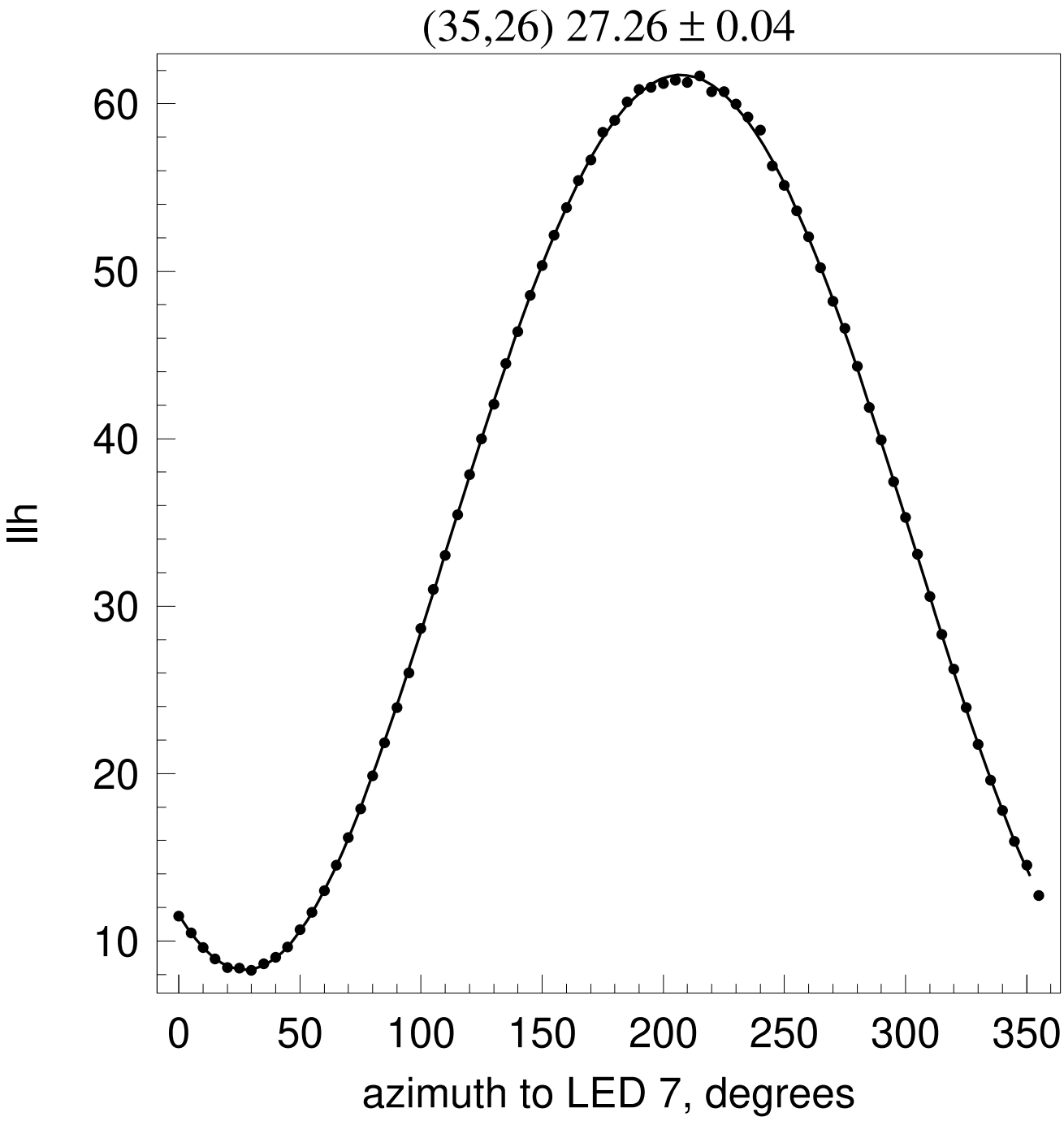

(35,21) 232.59 ± 0.03
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

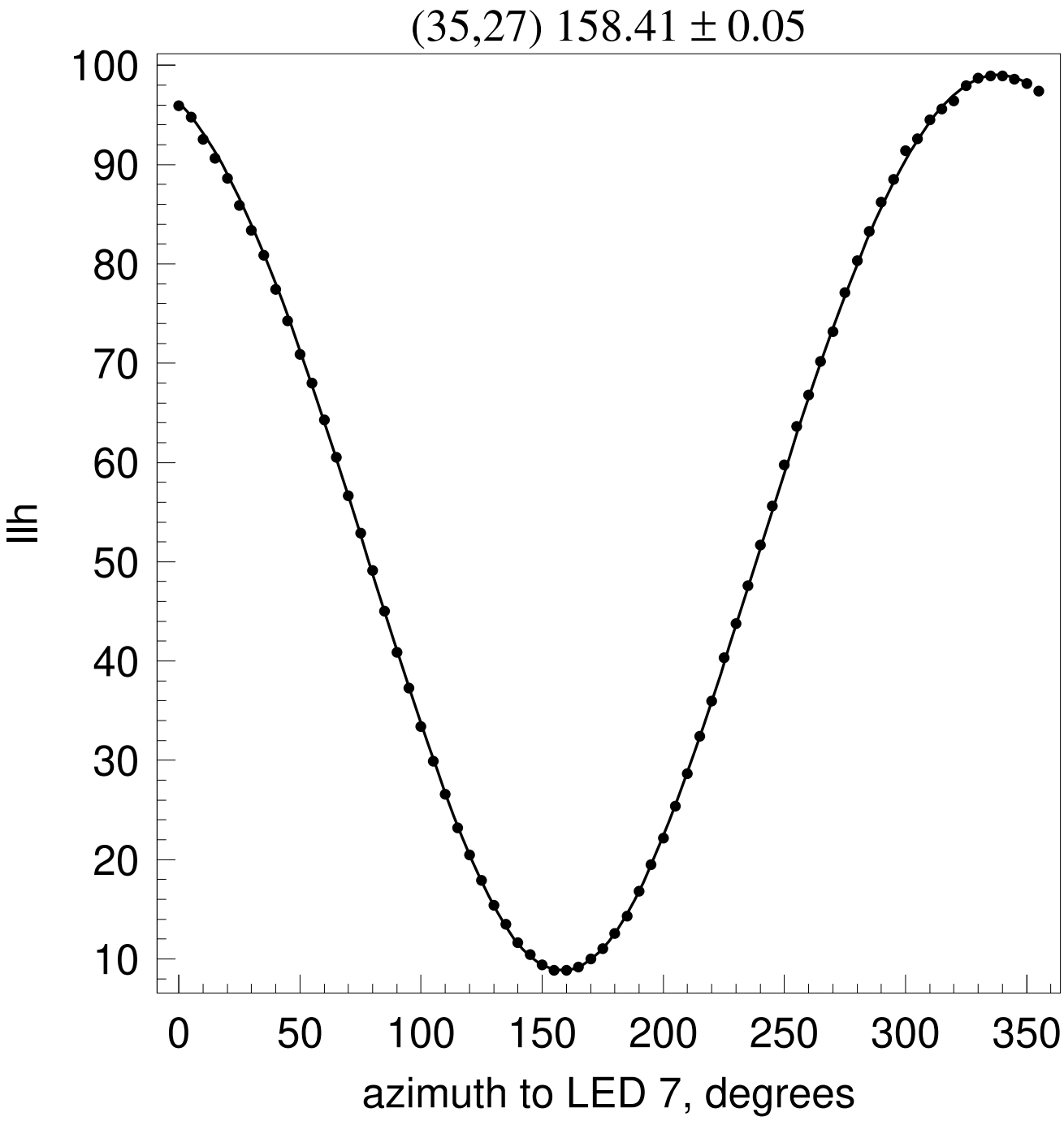

(35,22) 290.85 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

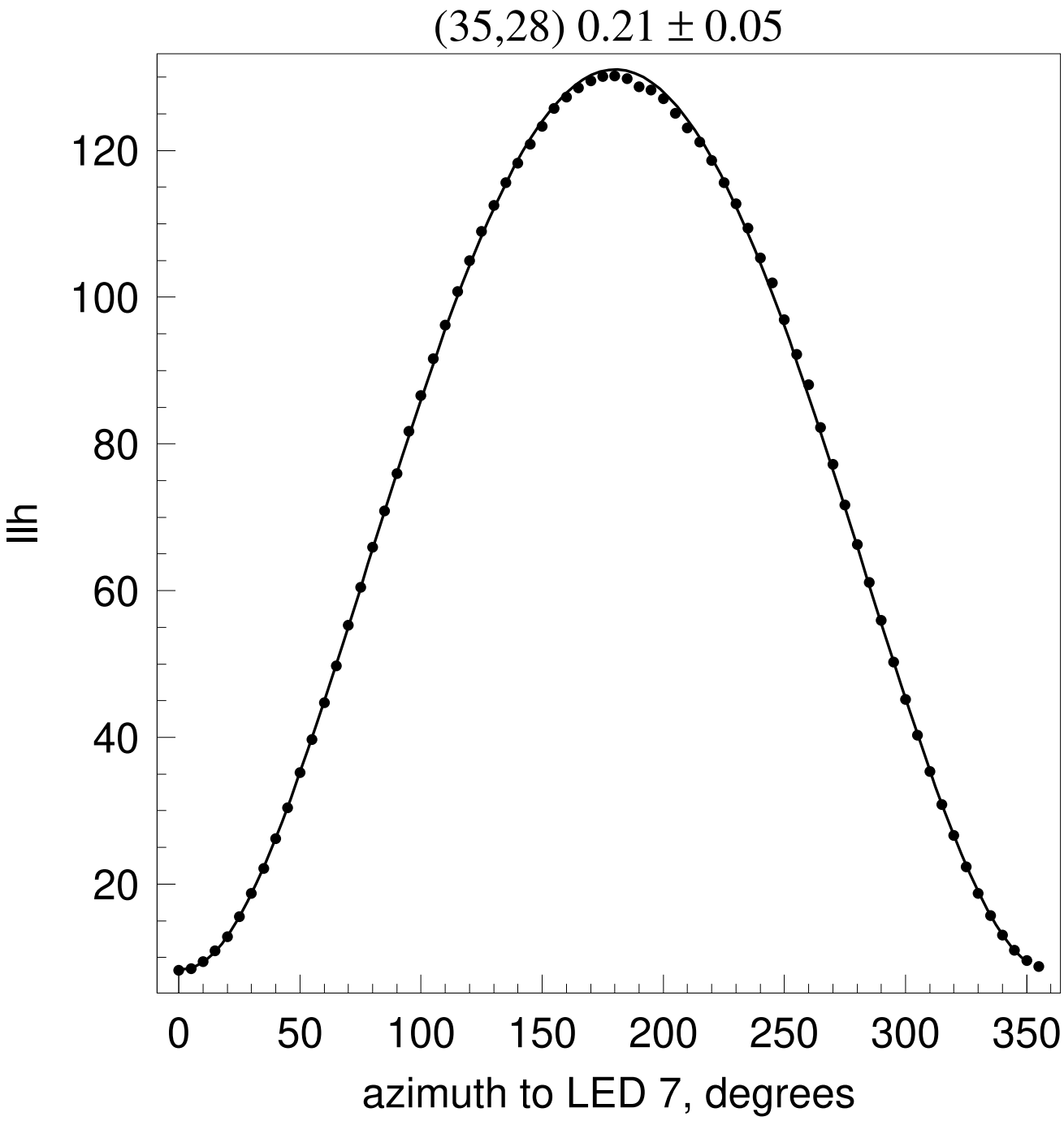

(35,23) 229.78 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

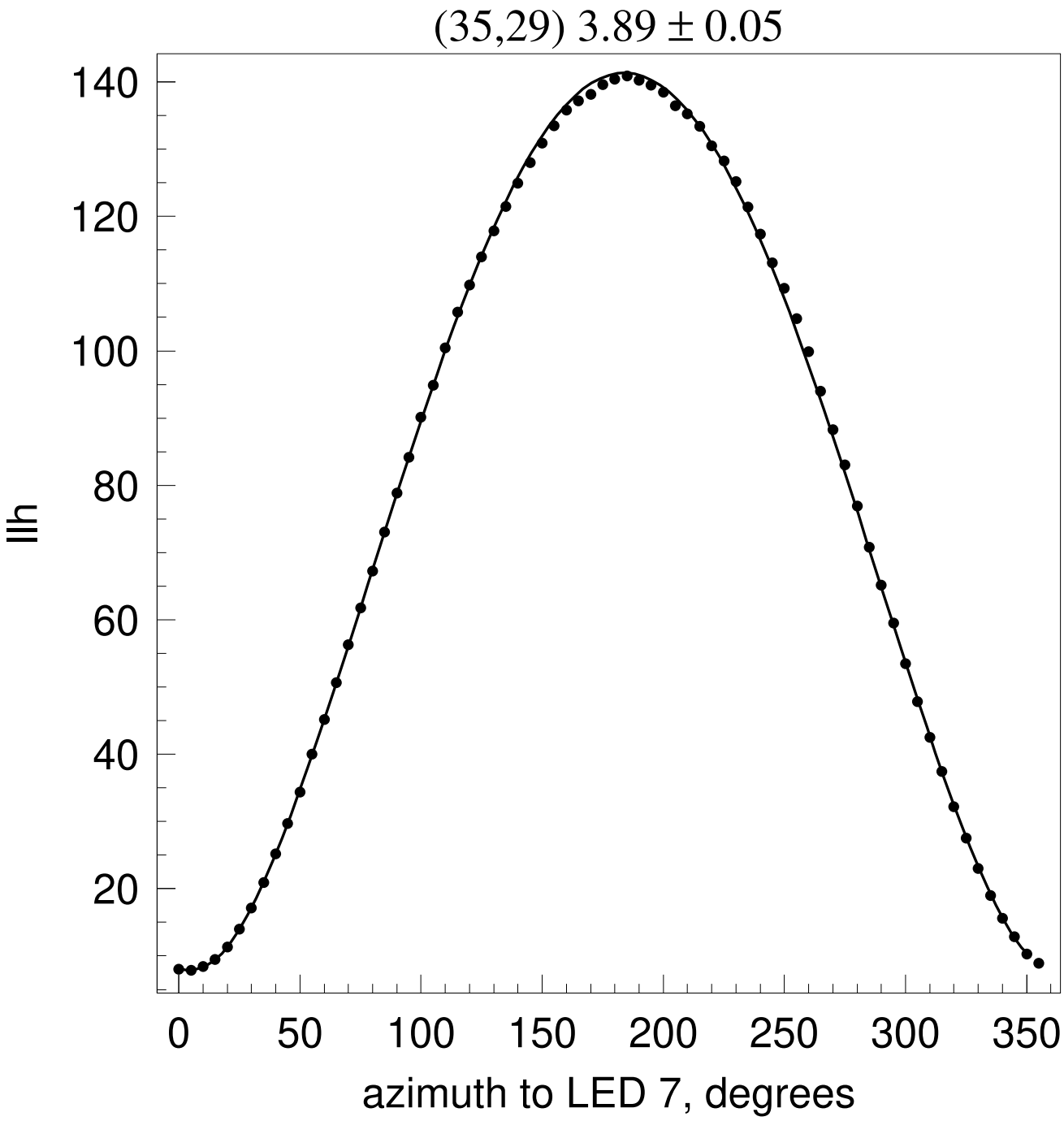

(35,24) 304.02 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

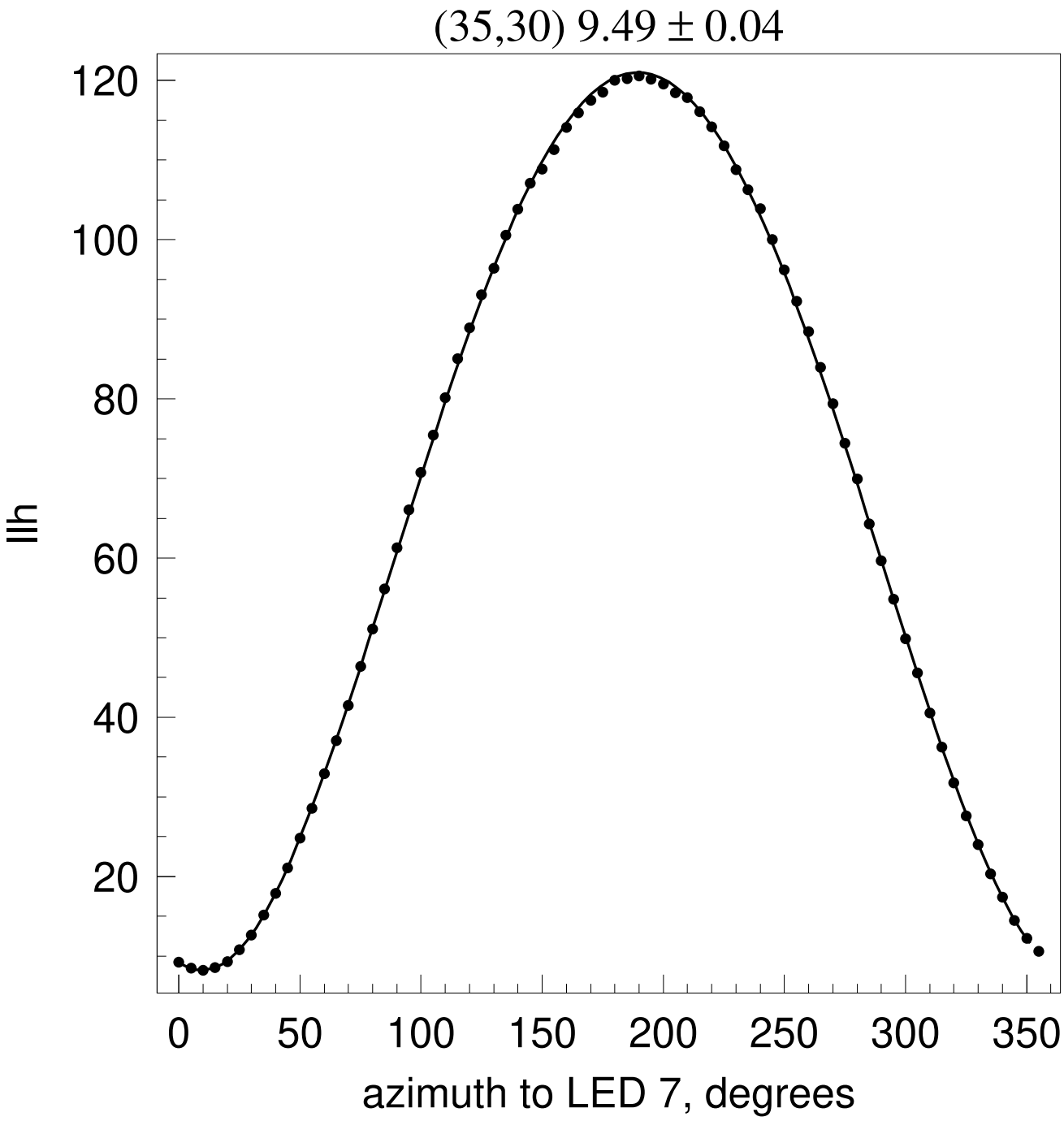

(35,25) 51.53 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

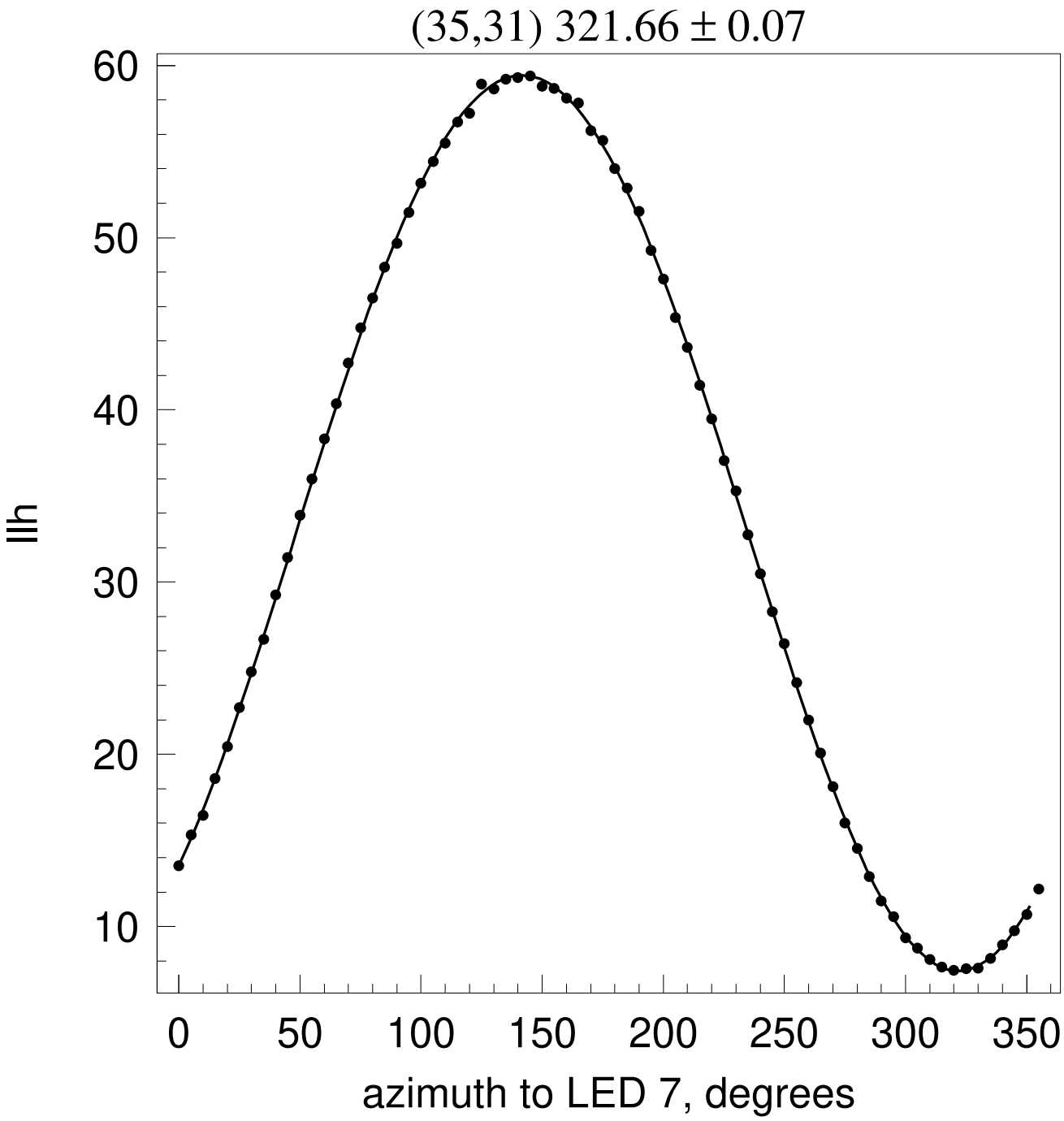

(35,26) 27.26 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

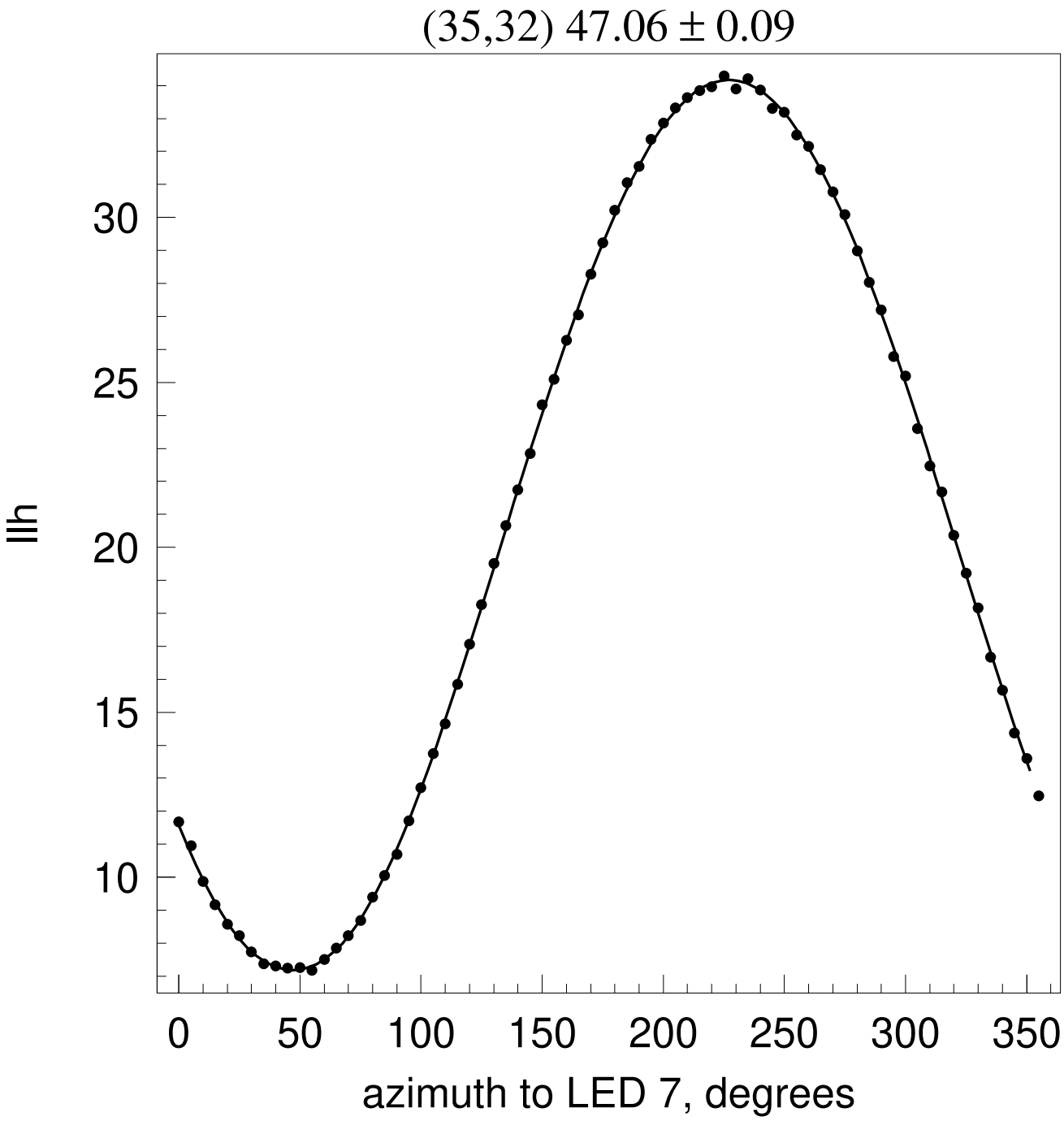

(35,27) 158.41 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

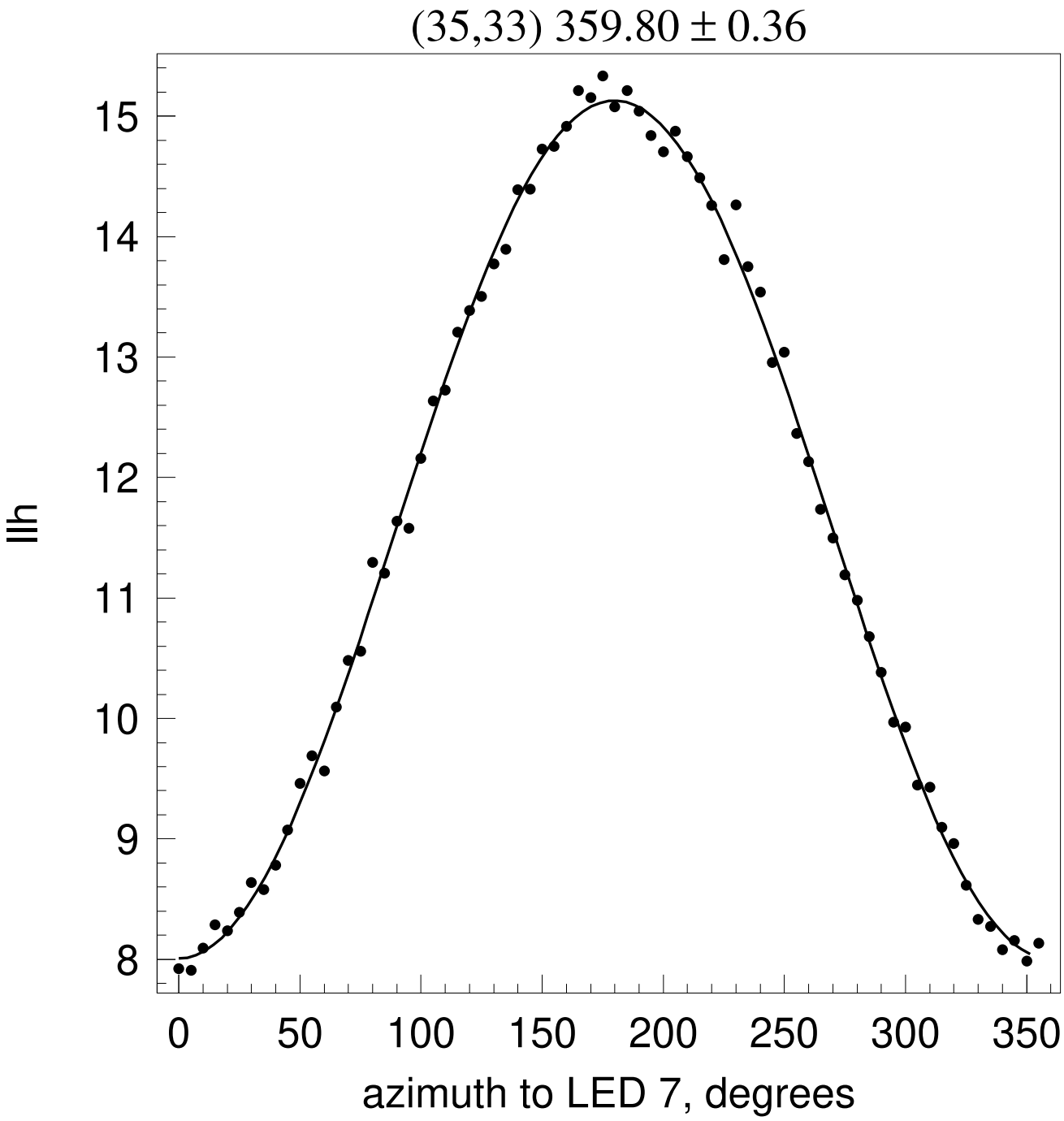

(35,28) 0.21 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

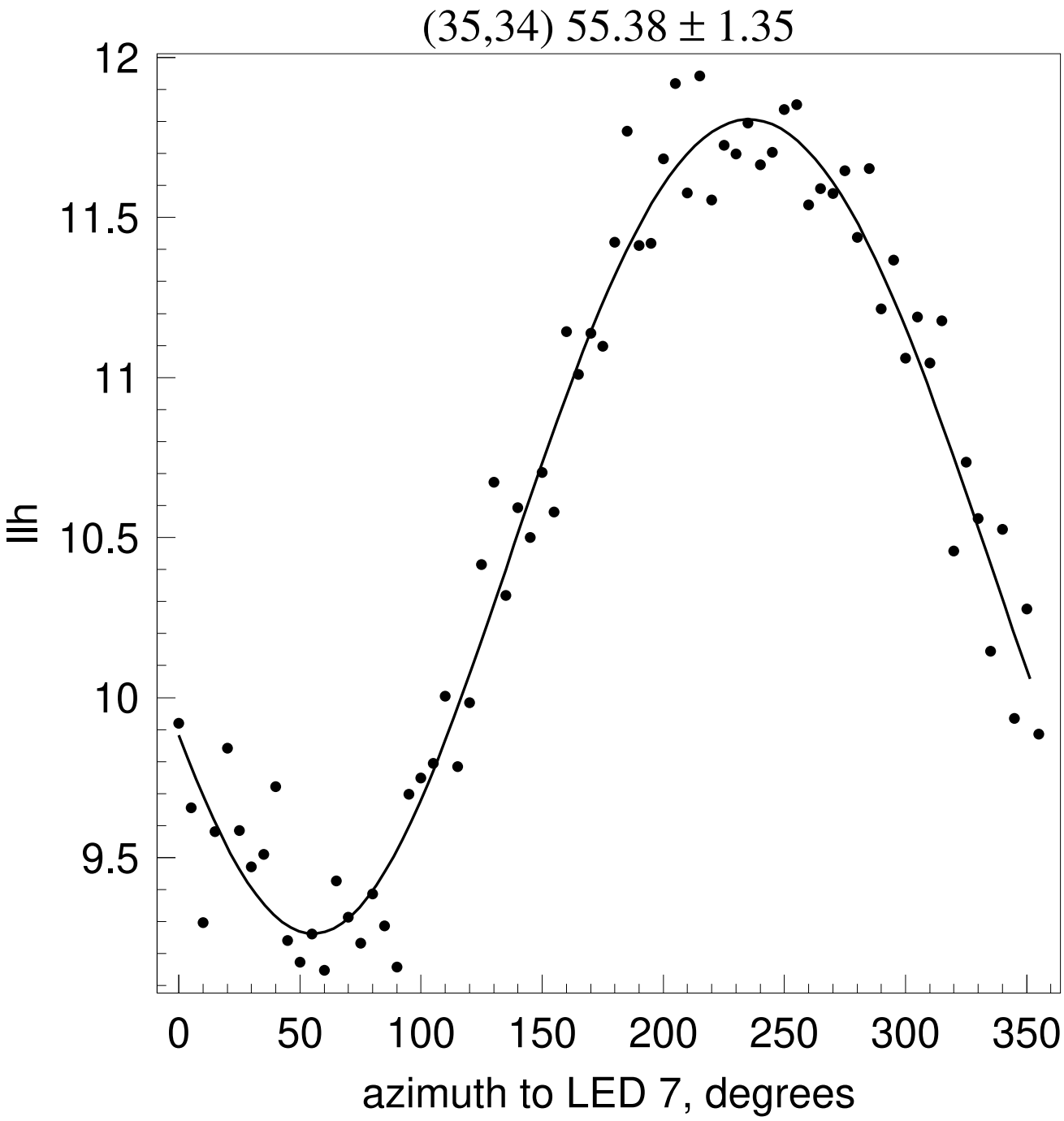

(35,29) 3.89 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

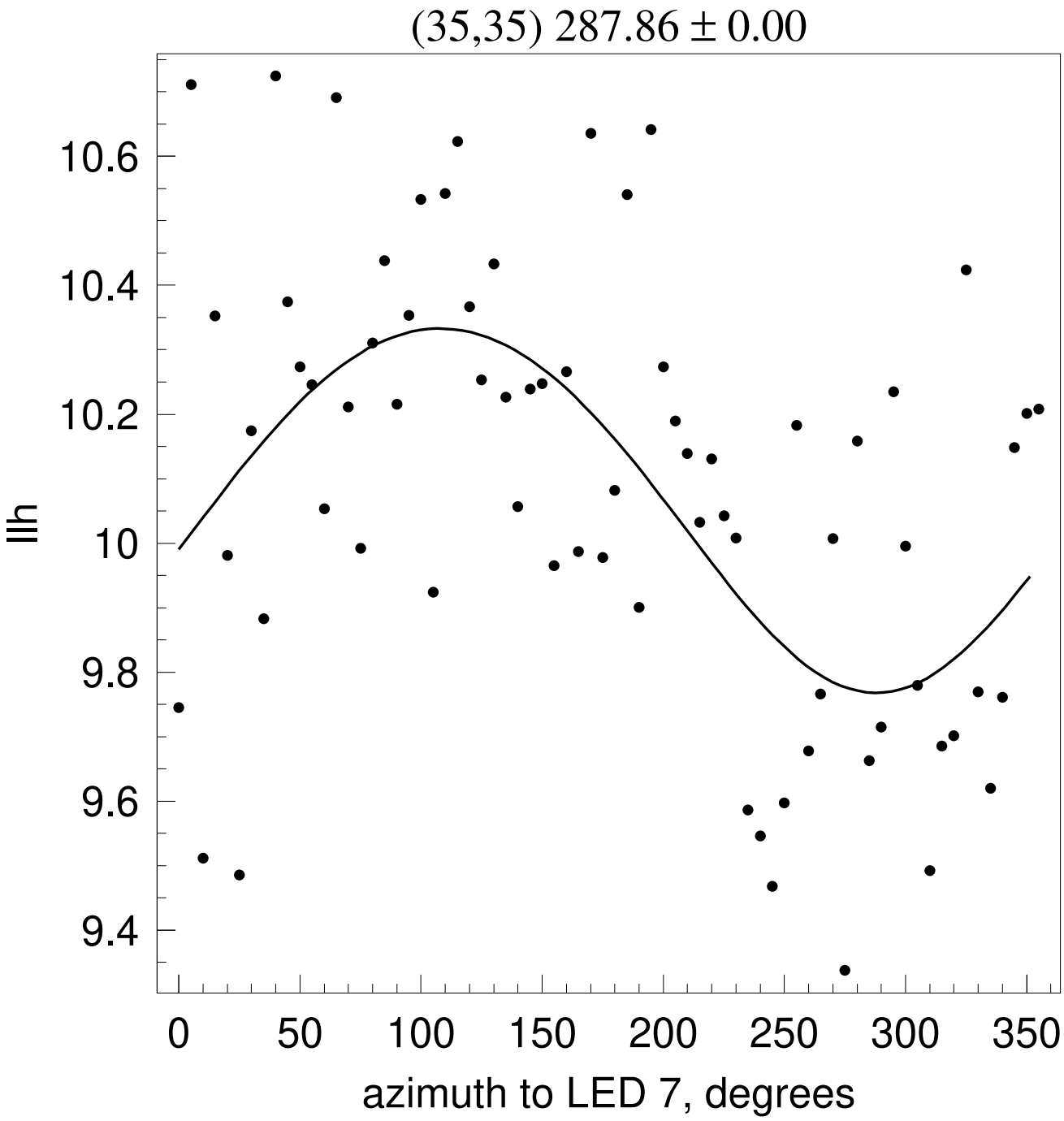

(35,30) 9.49 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

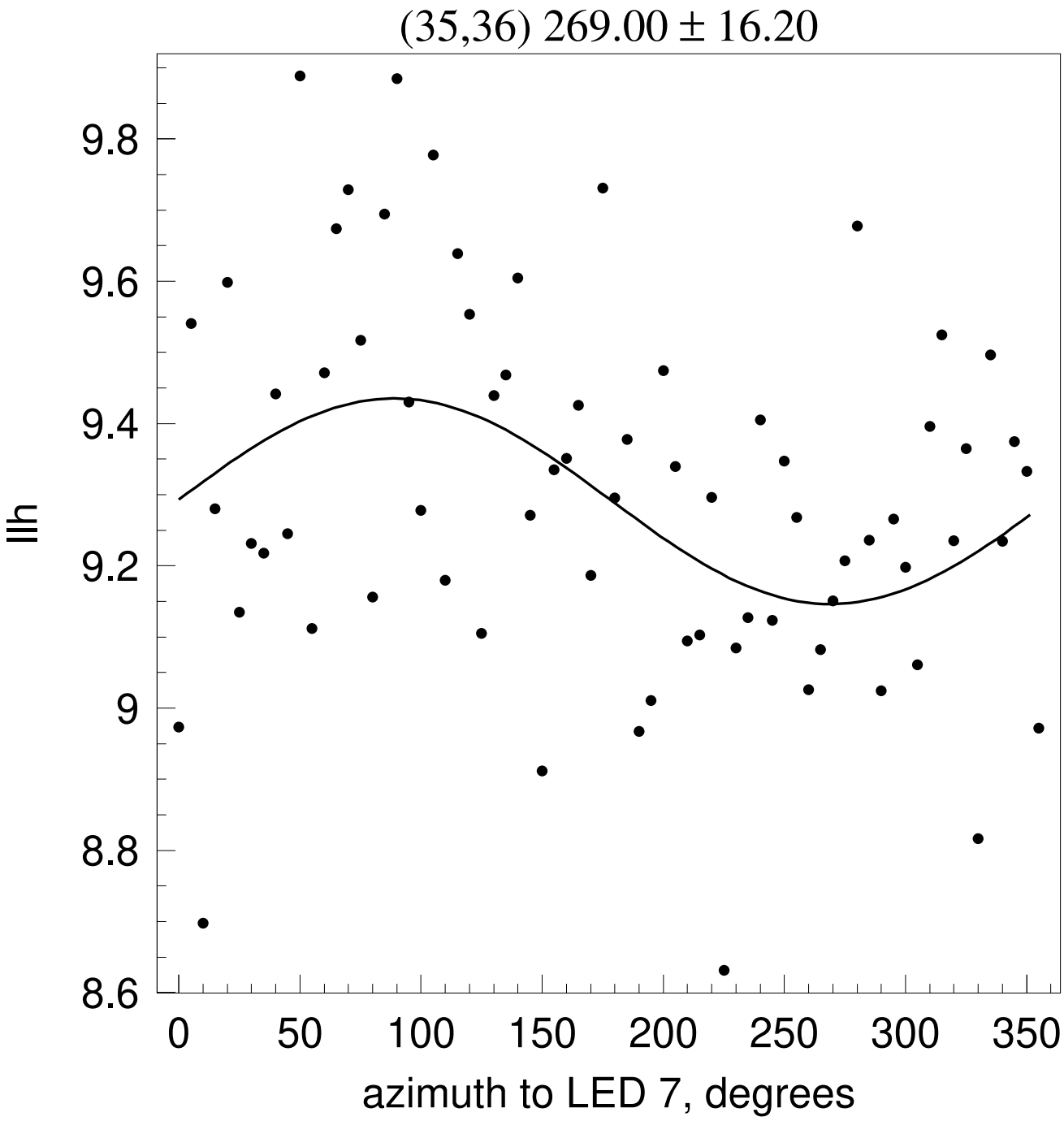

(35,31) 321.66 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

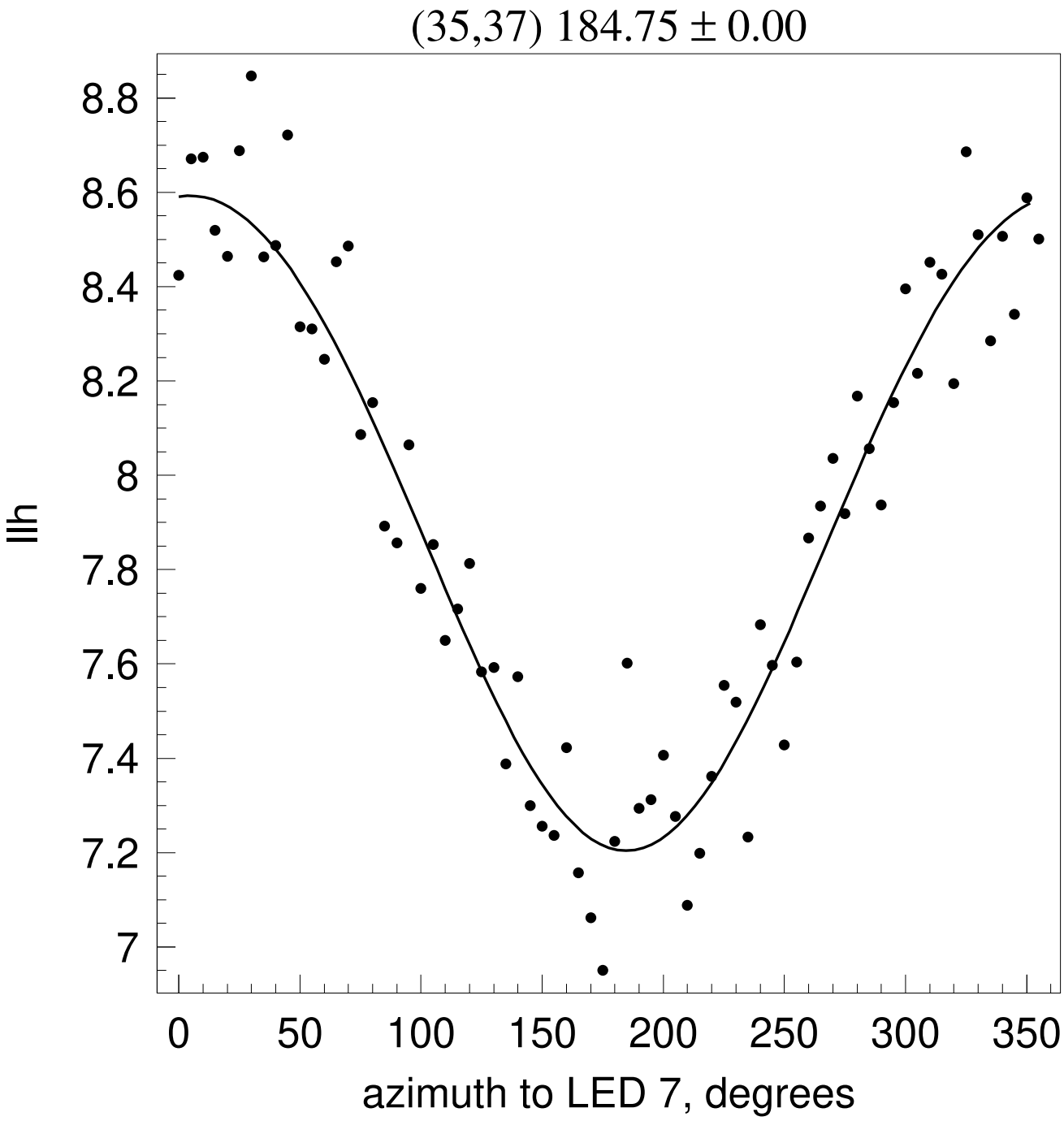

(35,32) 47.06 ± 0.09
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

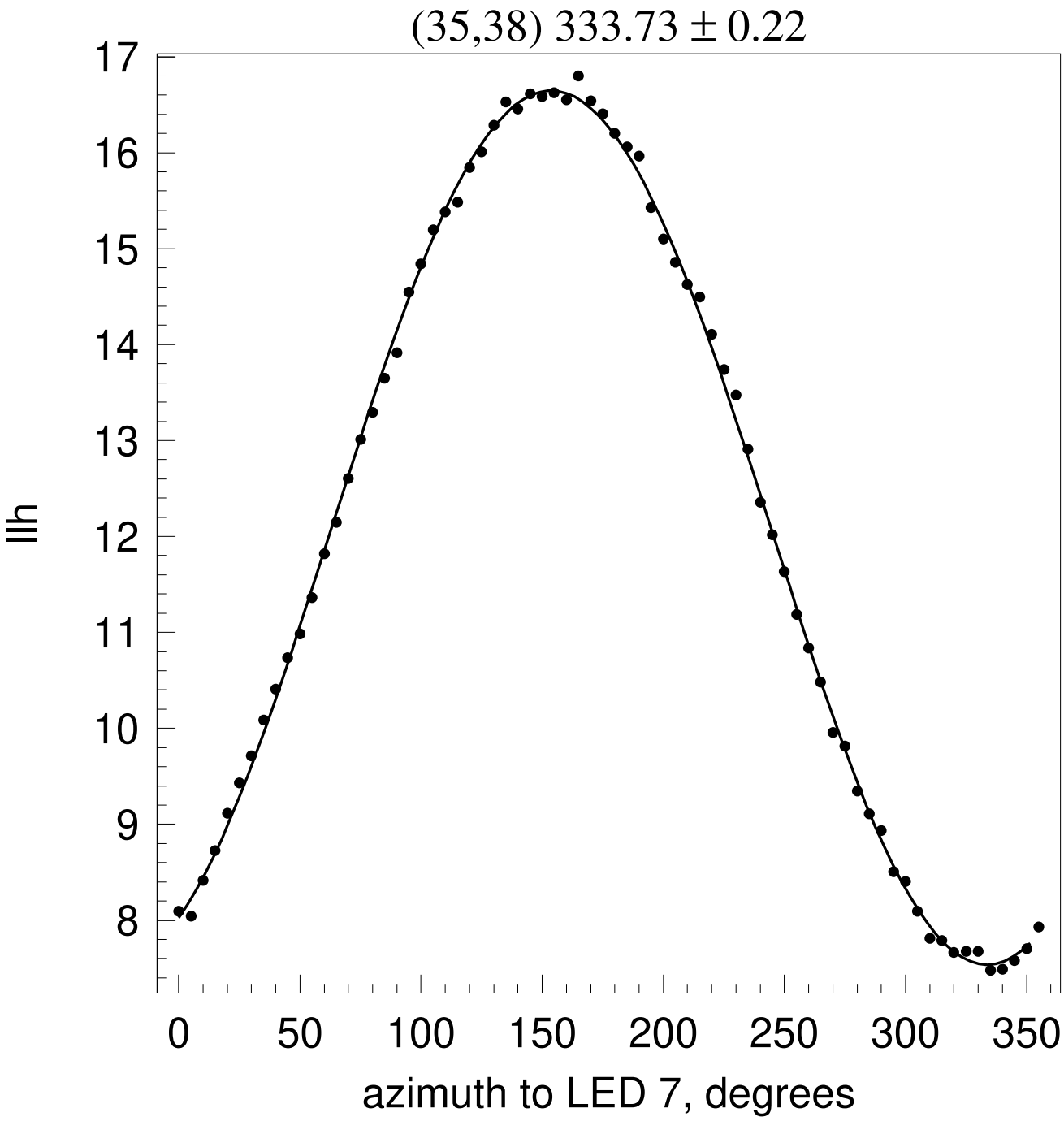

(35,33) 359.80 ± 0.36
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

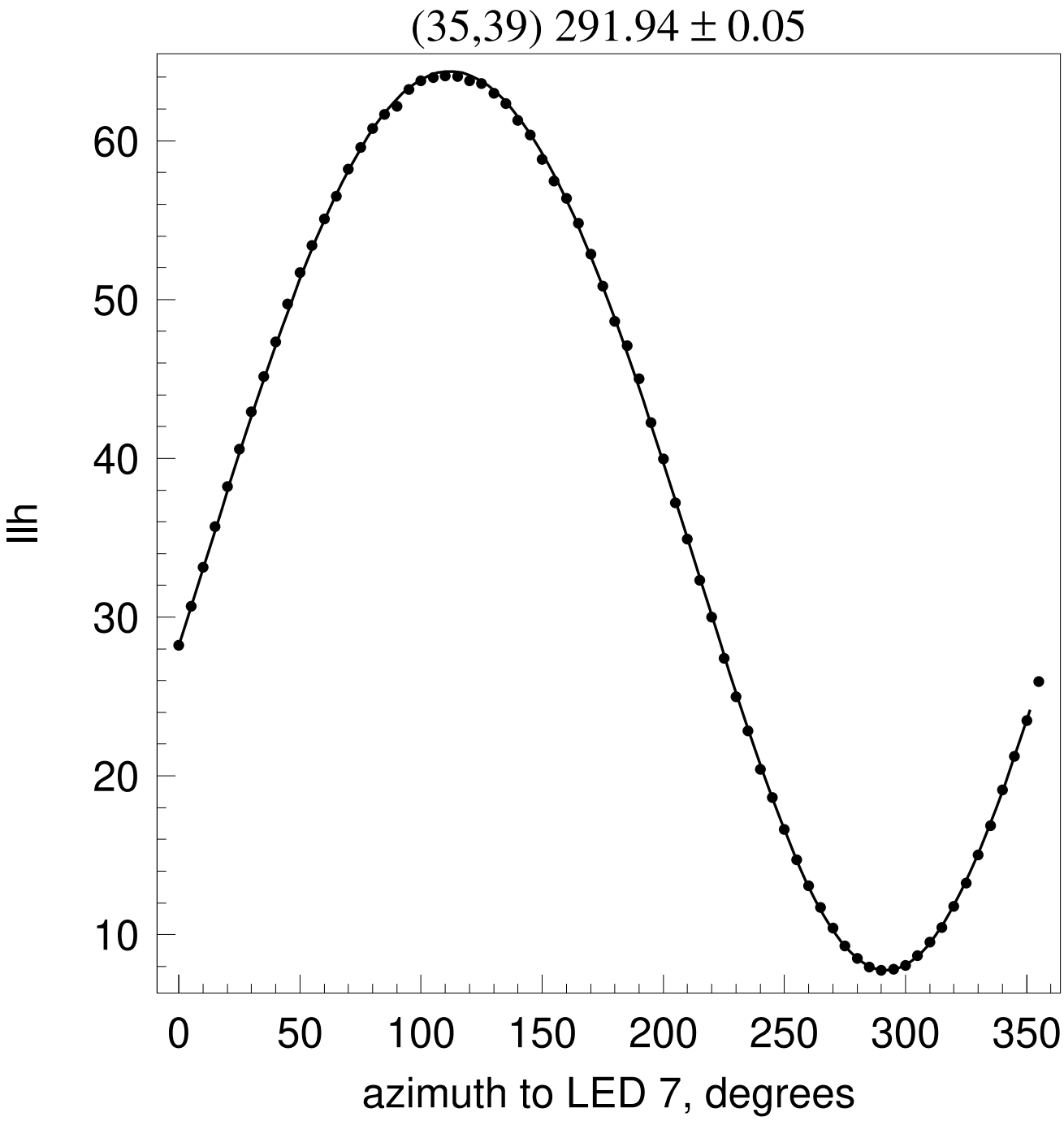

(35,34) 55.38 ± 1.35
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

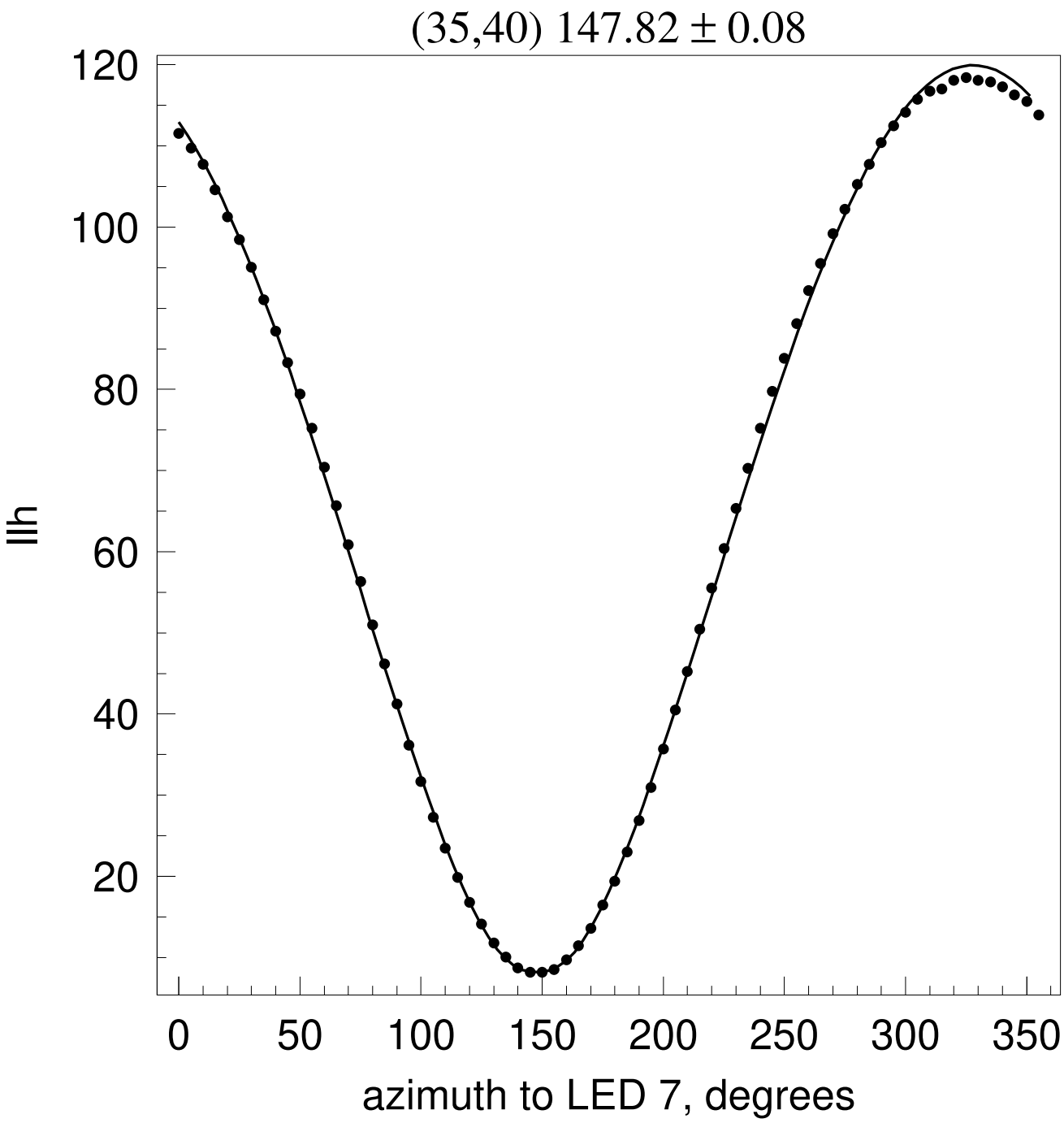

(35,35) 287.86 ± 0.00
10.6
10.4
10.2
10
9.8
9.6
9.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

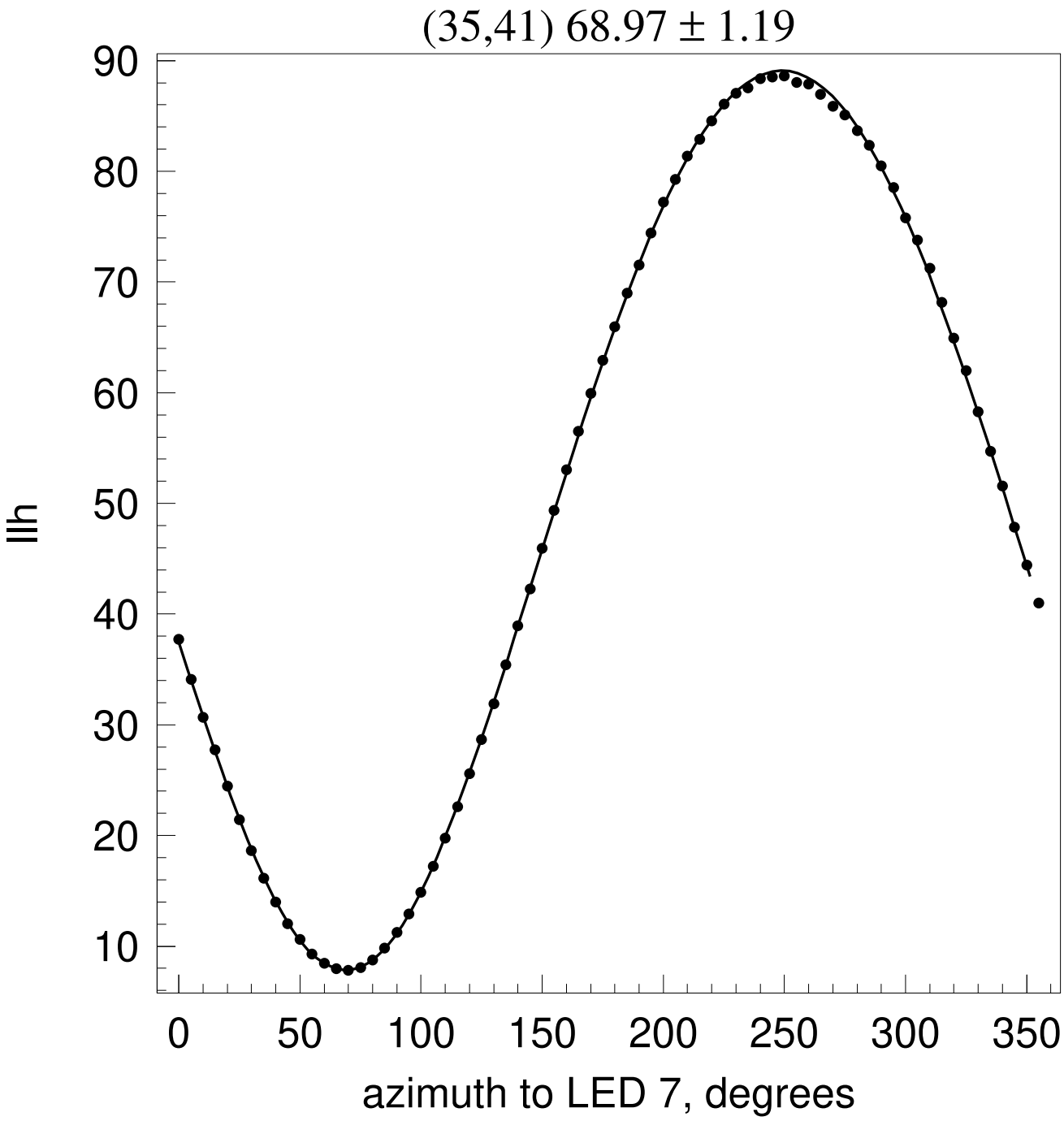

(35,36) 269.00 ± 16.20
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

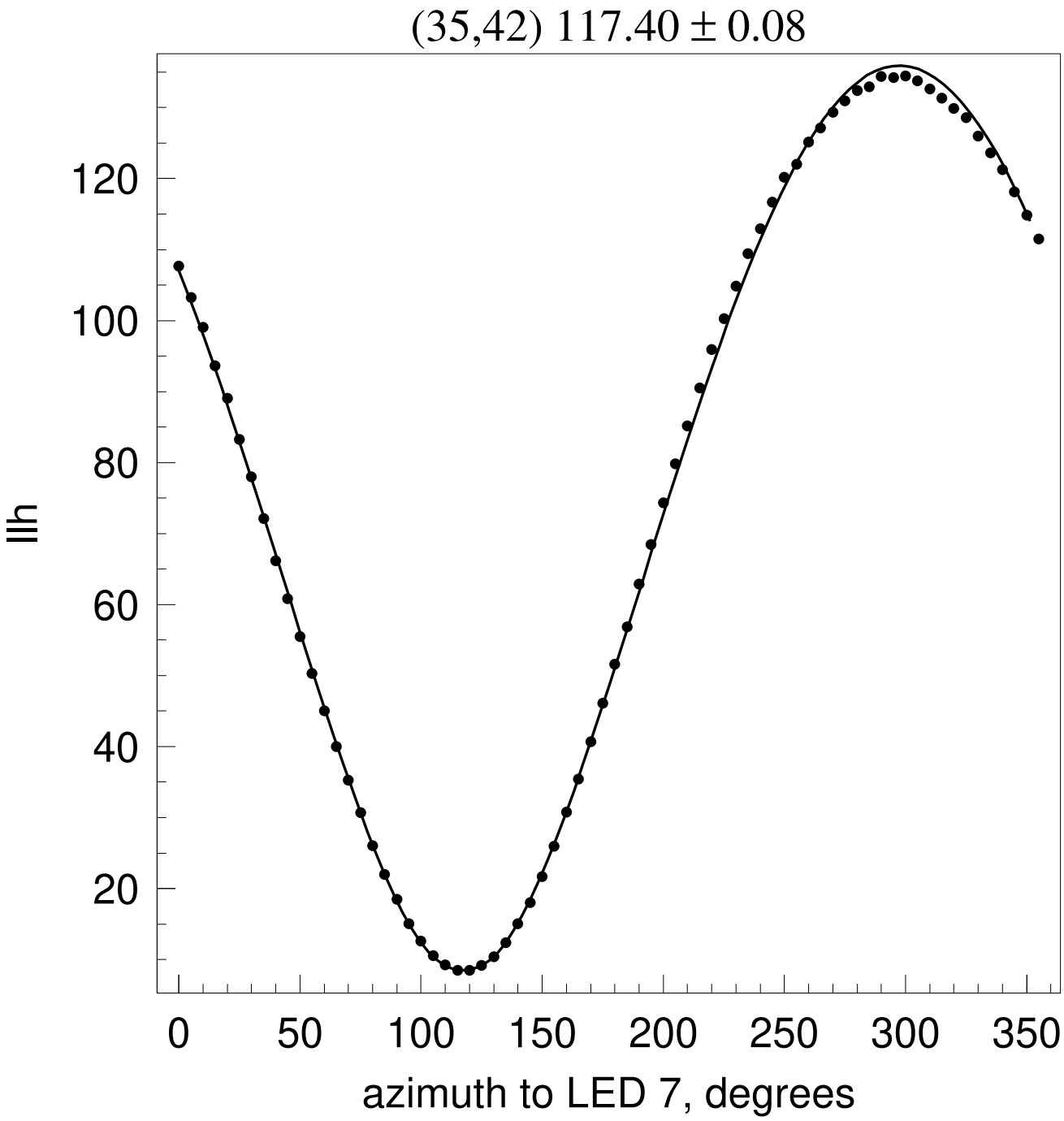

(35,37) 184.75 ± 0.00
8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
7.2
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

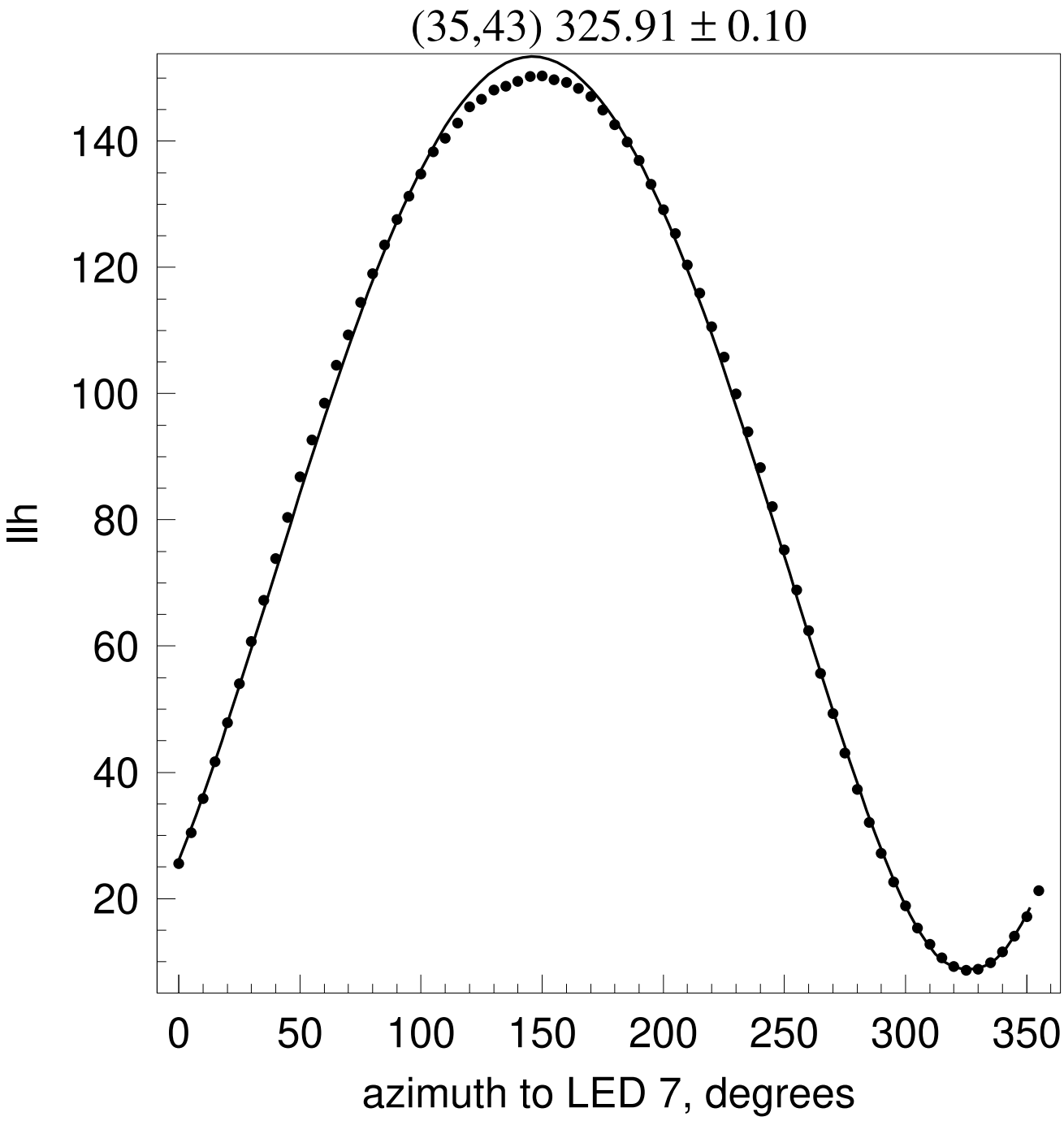

(35,38) 333.73 ± 0.22
17
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

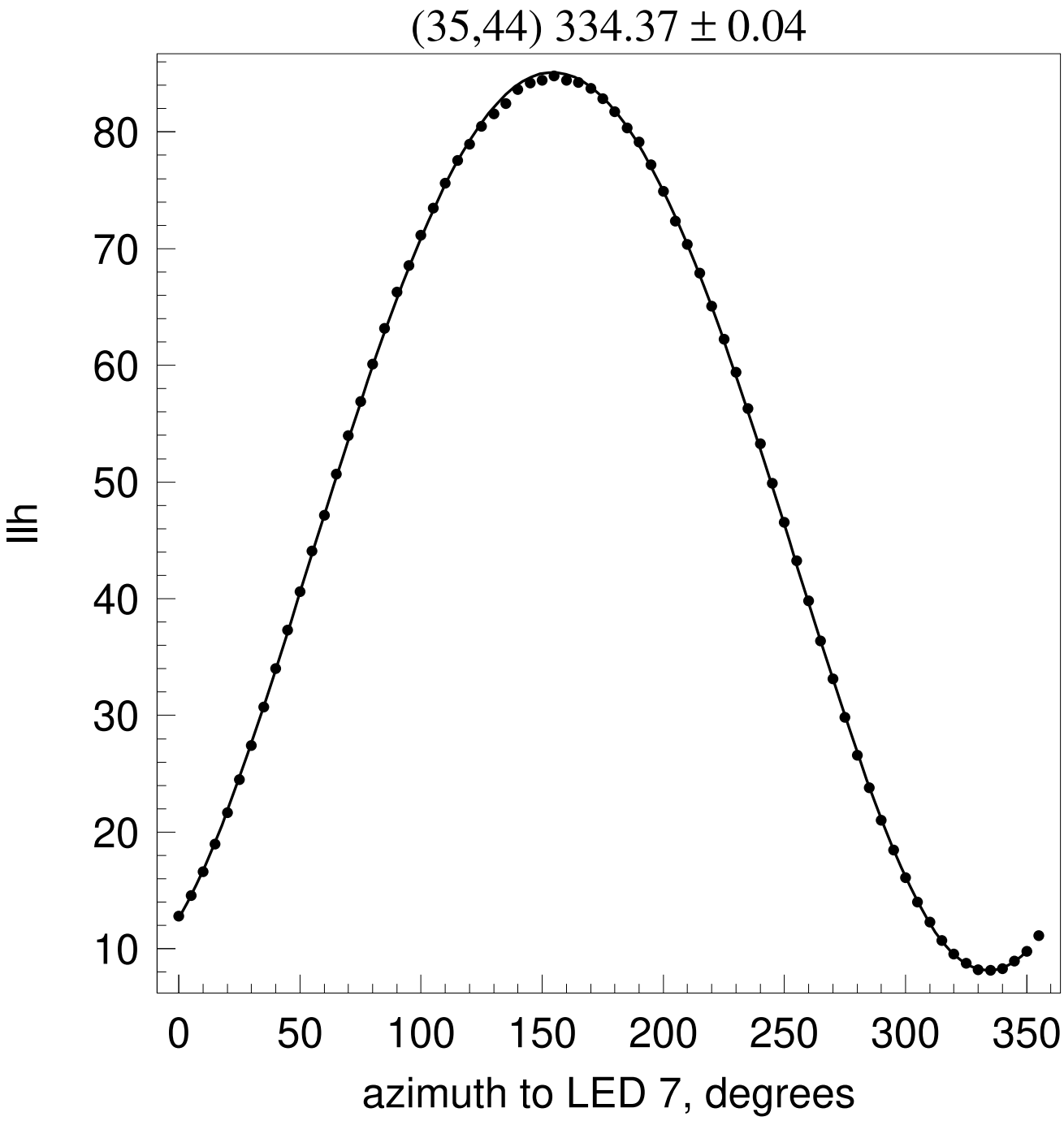

(35,39) 291.94 ± 0.05
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

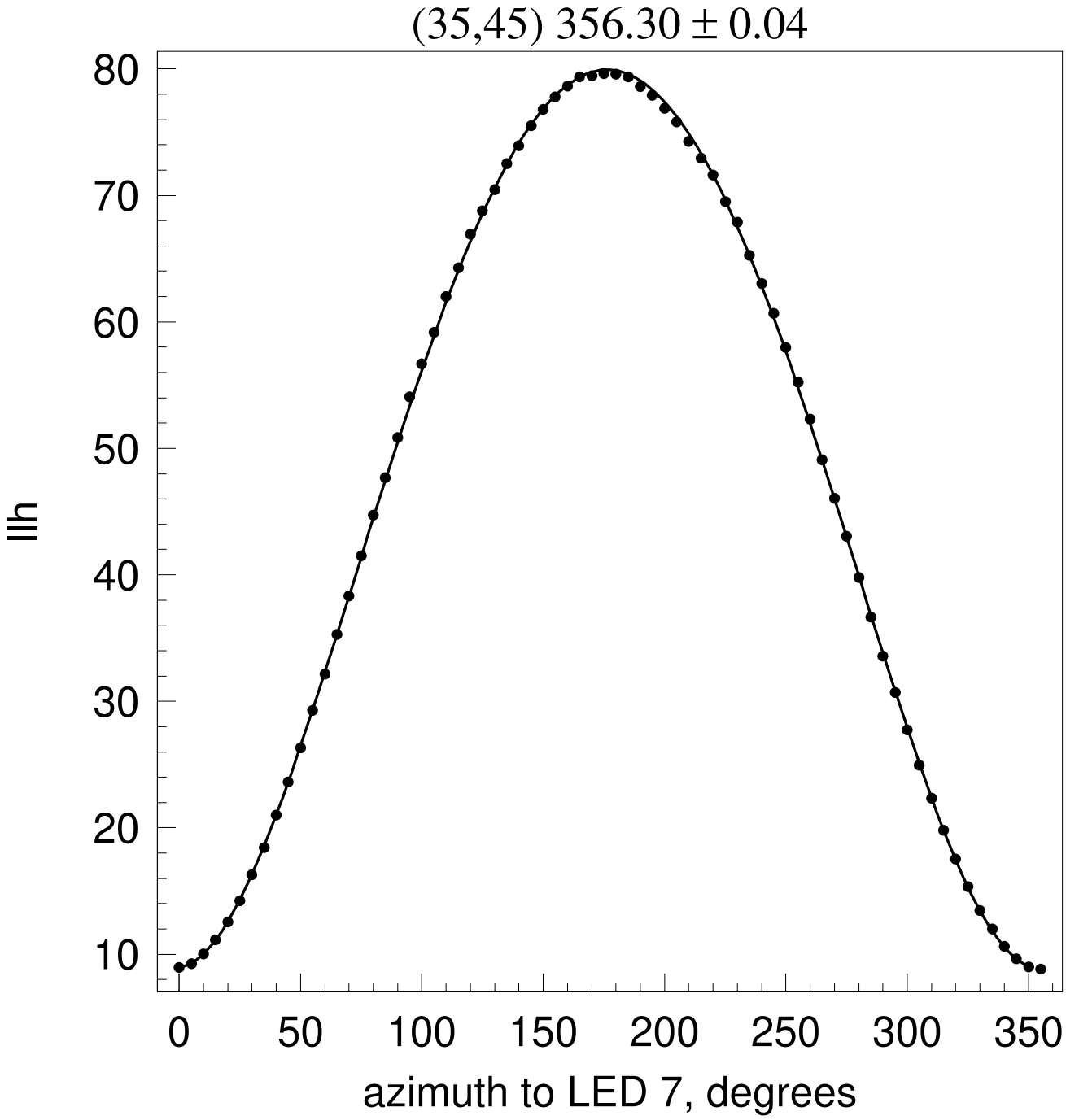

(35,40) 147.82 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

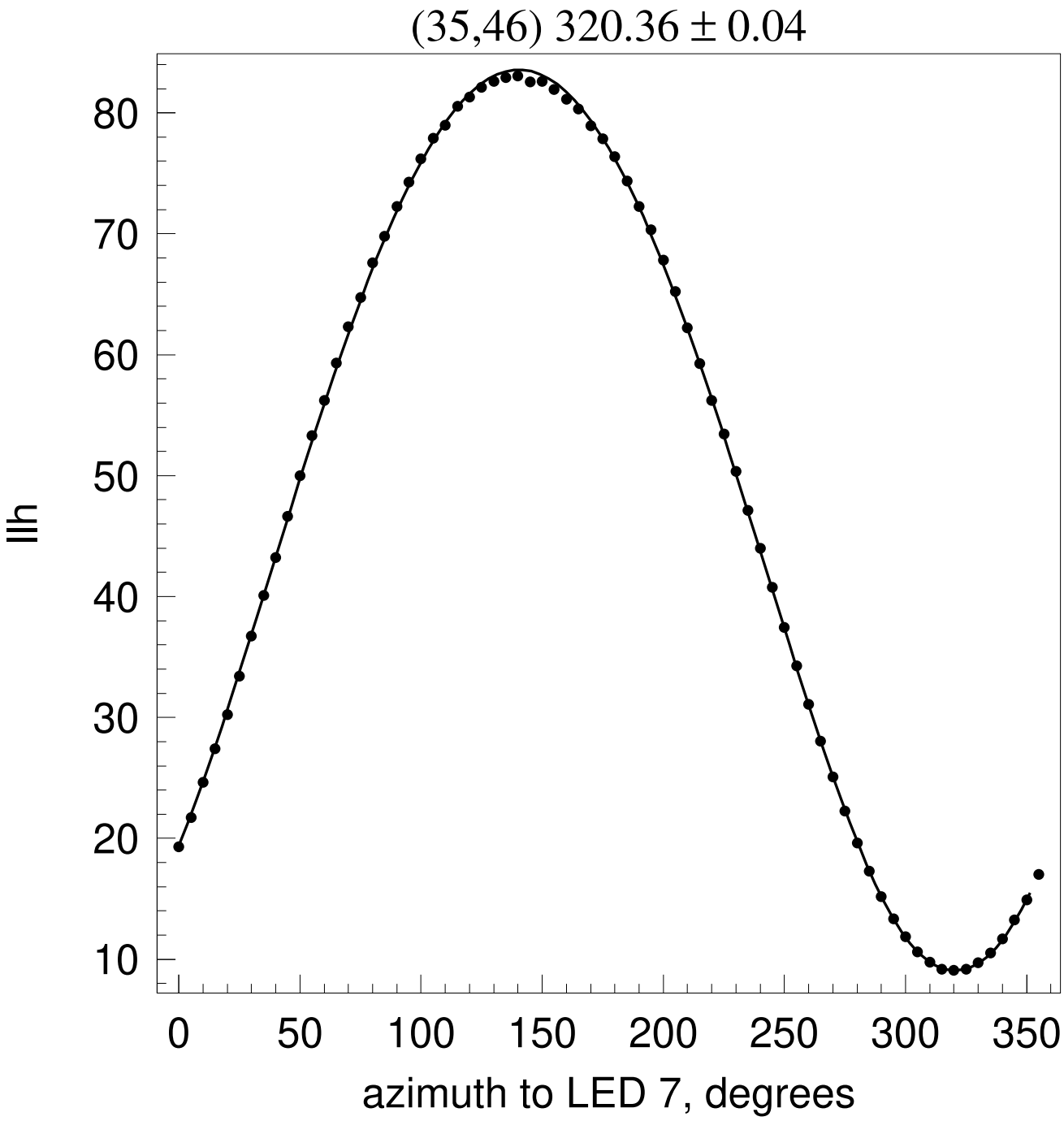

(35,41) 68.97 ± 1.19
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

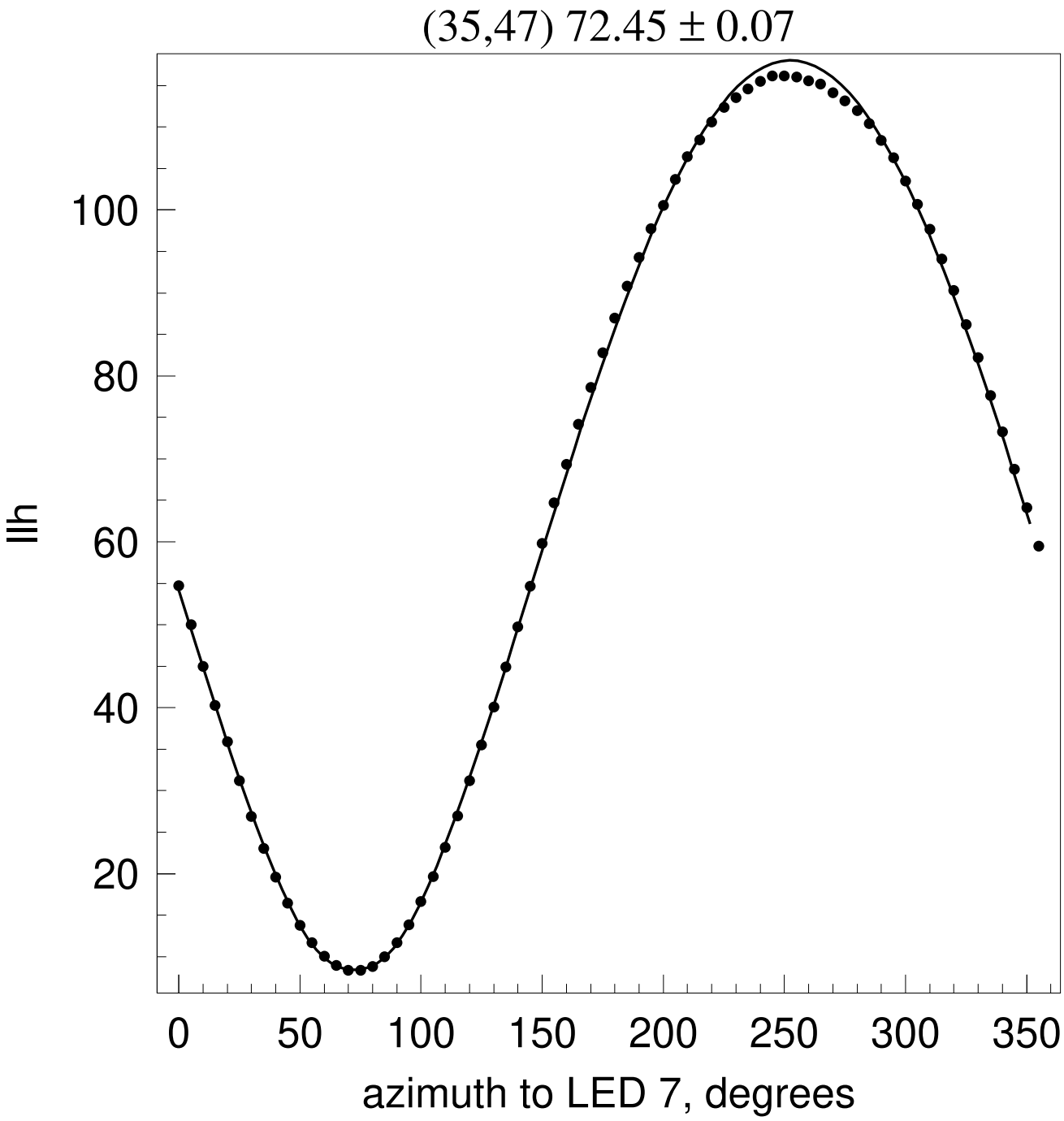

(35,42) 117.40 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

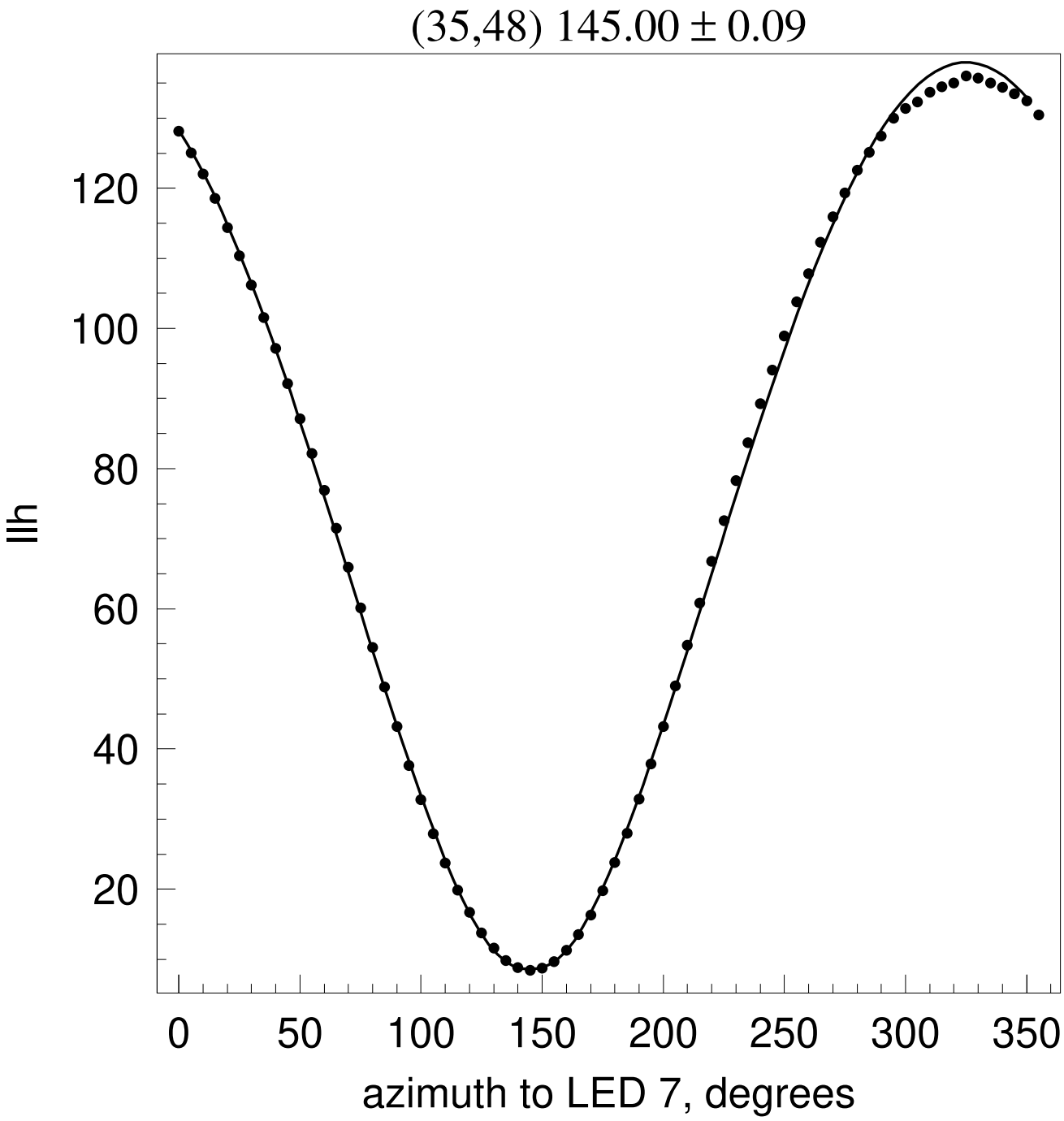

(35,43) 325.91 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

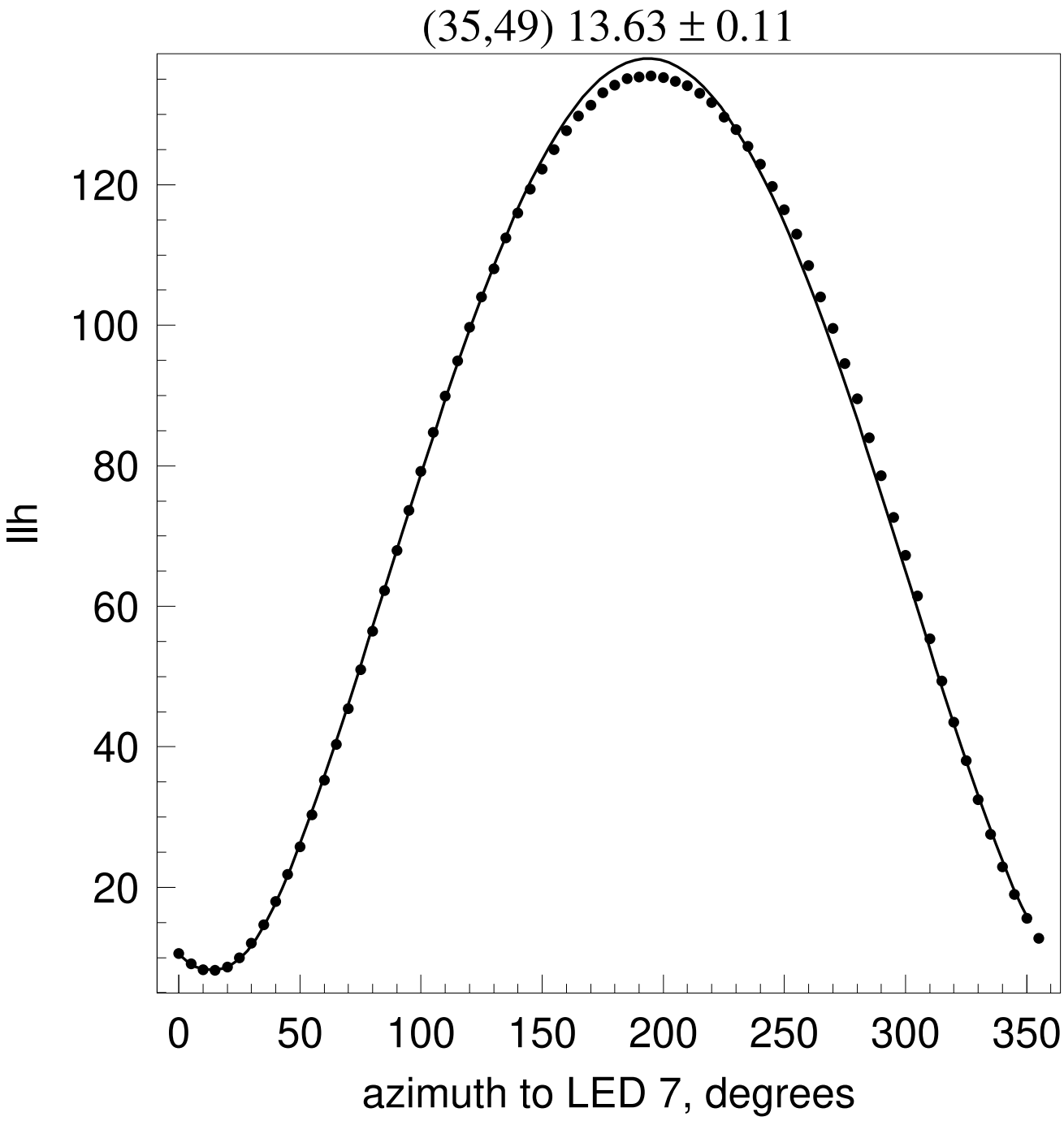

(35,44) 334.37 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

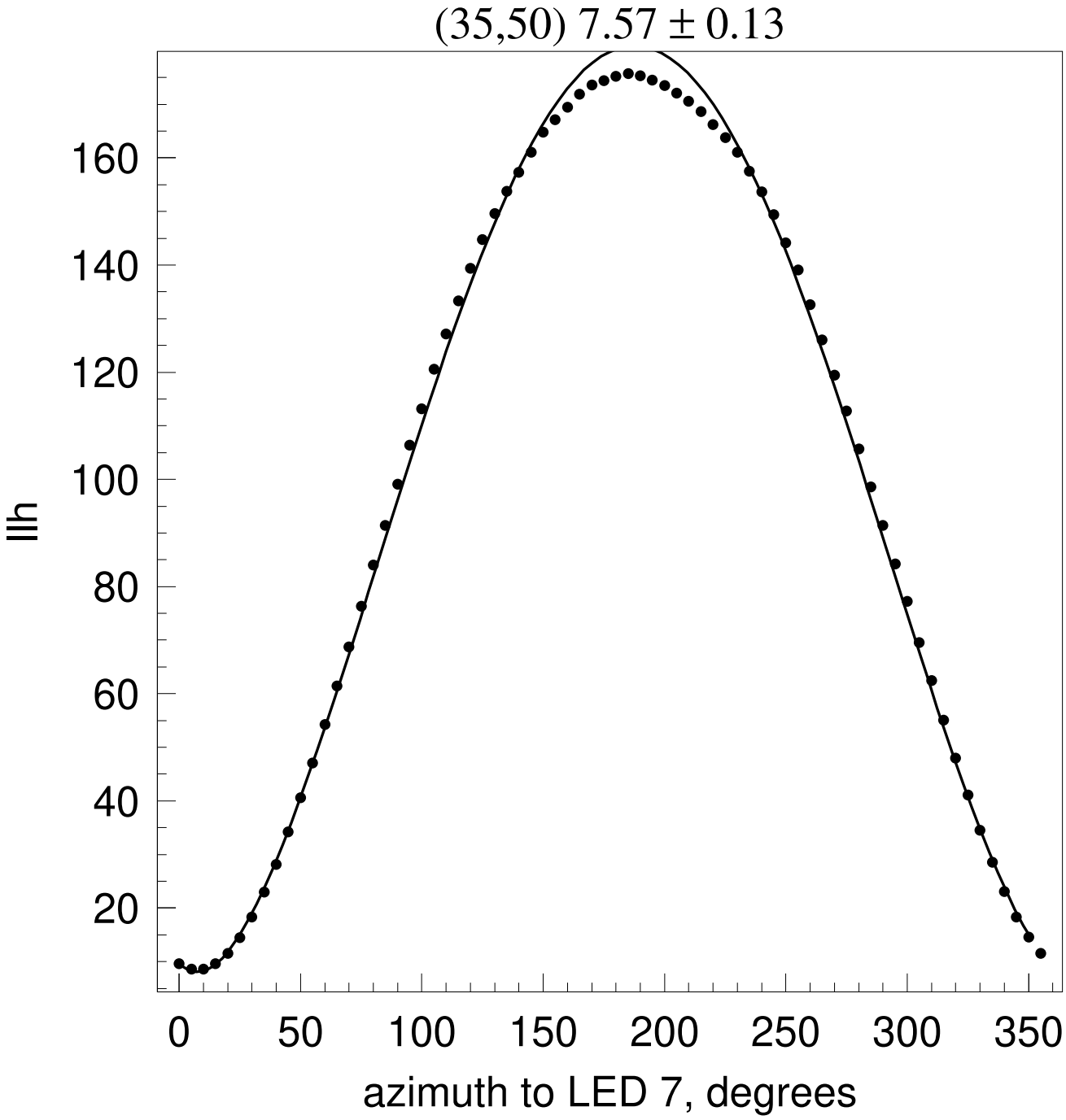

(35,45) 356.30 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

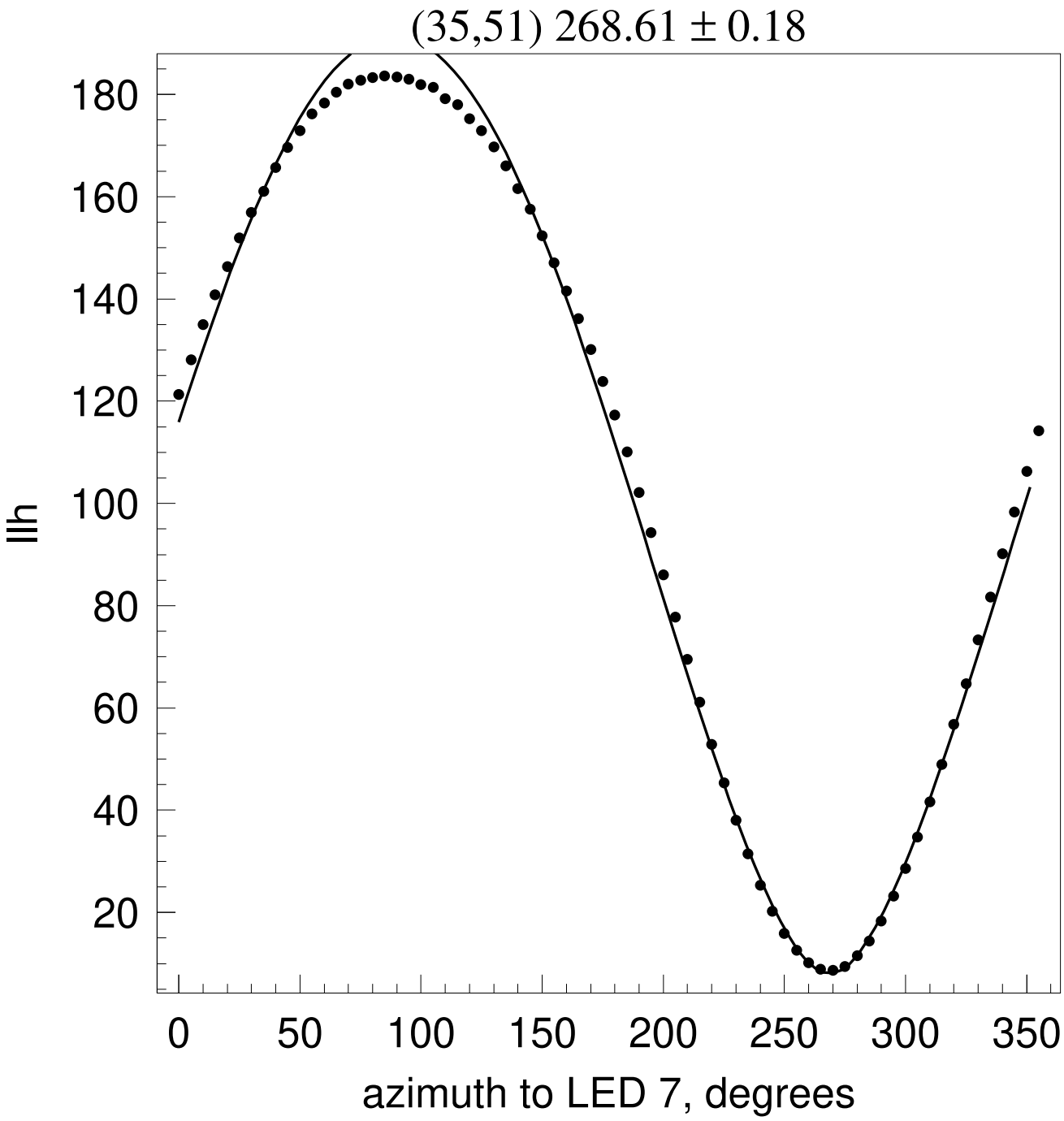

(35,46) 320.36 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

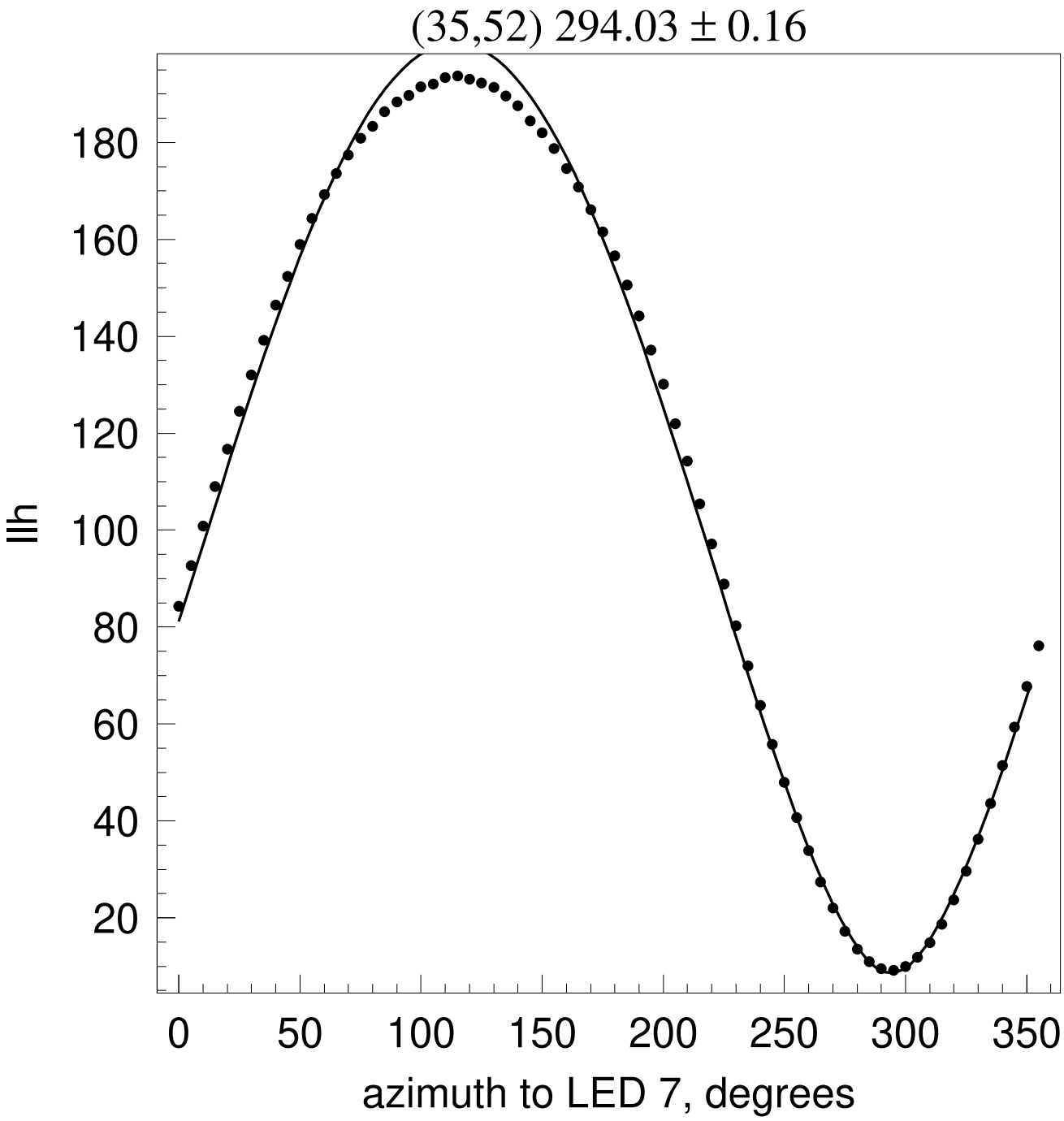

(35,47) 72.45 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

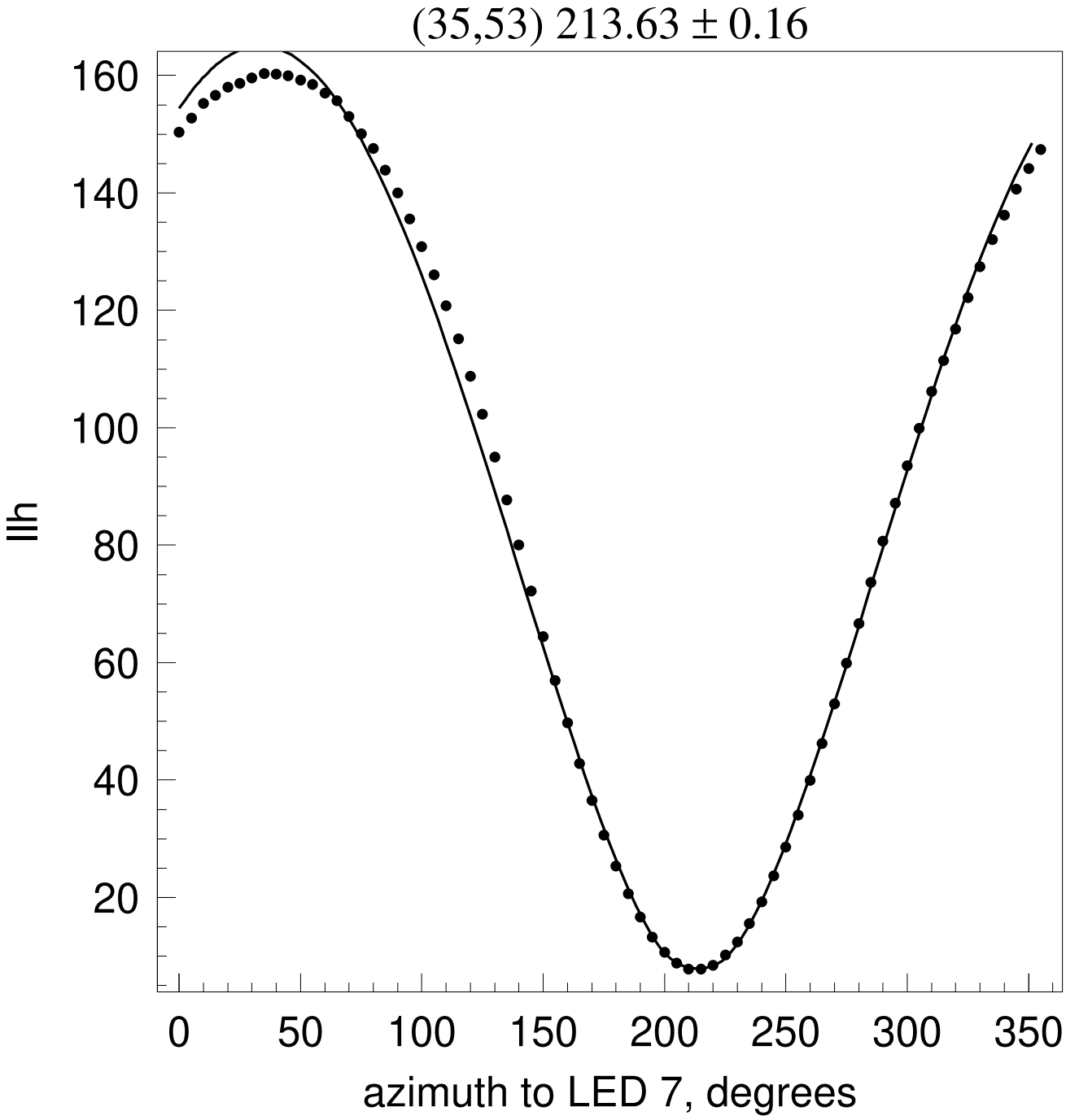

(35,48) 145.00 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

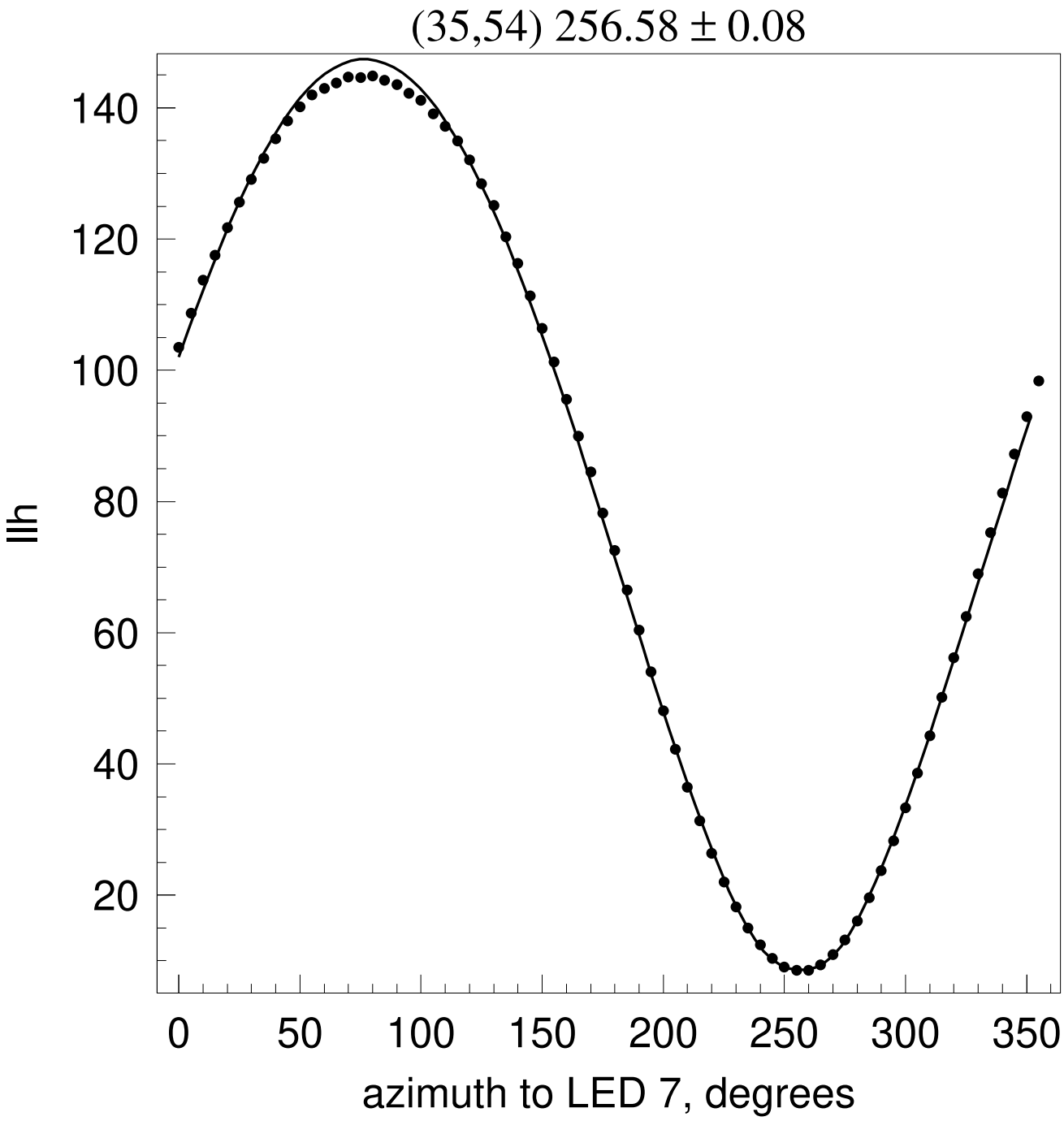

(35,49) 13.63 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

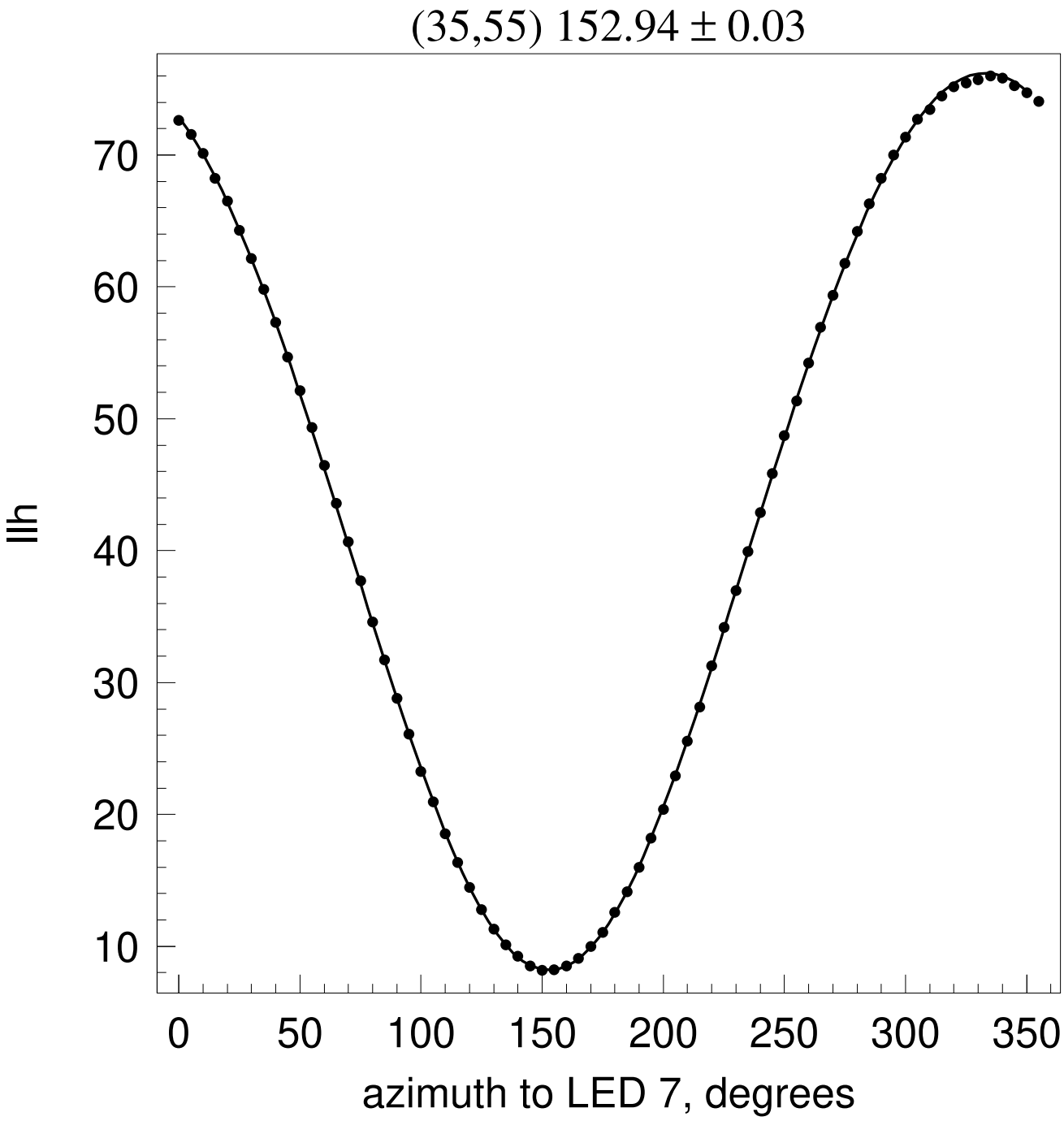

(35,50) 7.57 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

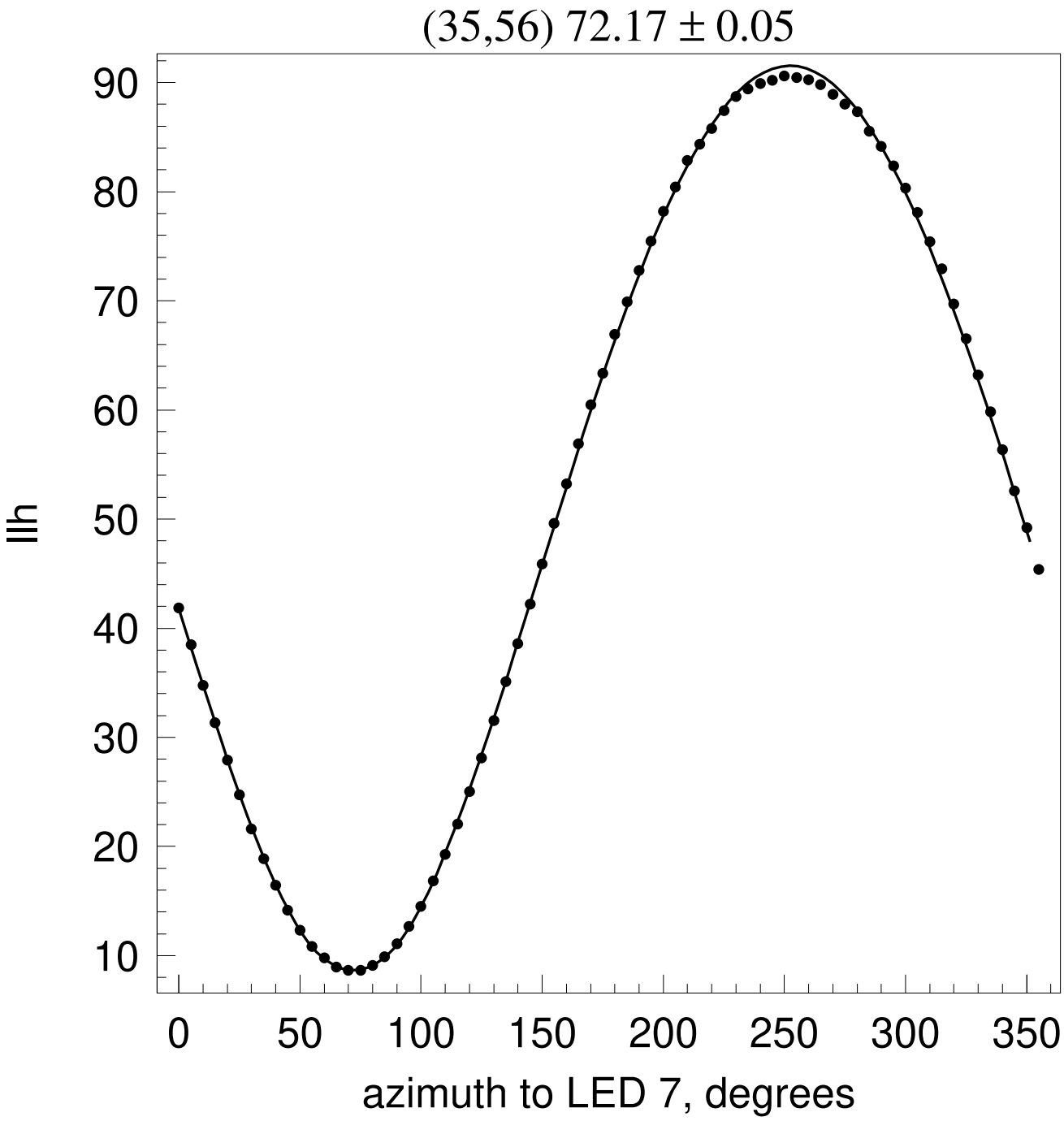

(35,51) 268.61 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

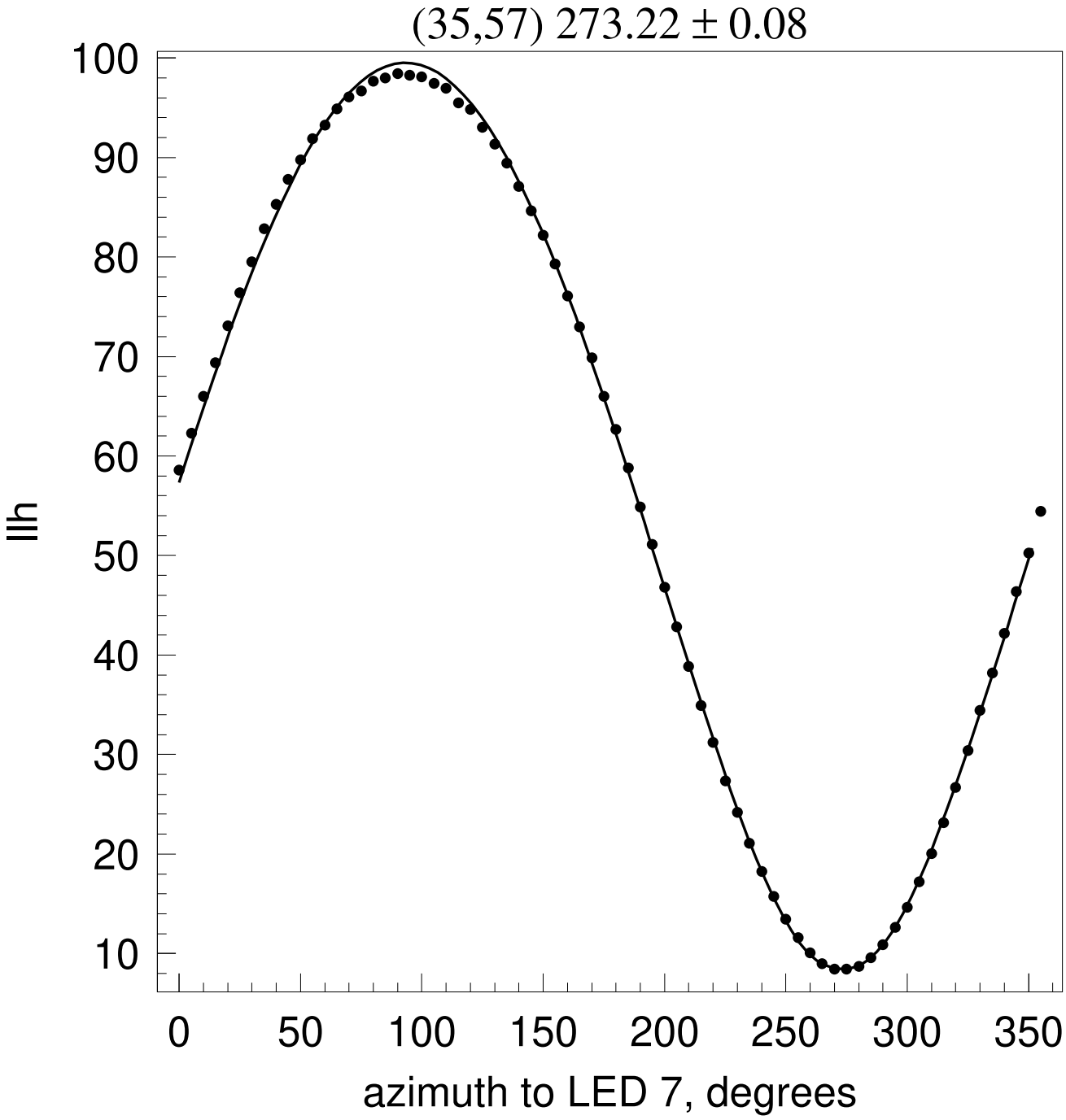

(35,52) 294.03 ± 0.16
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

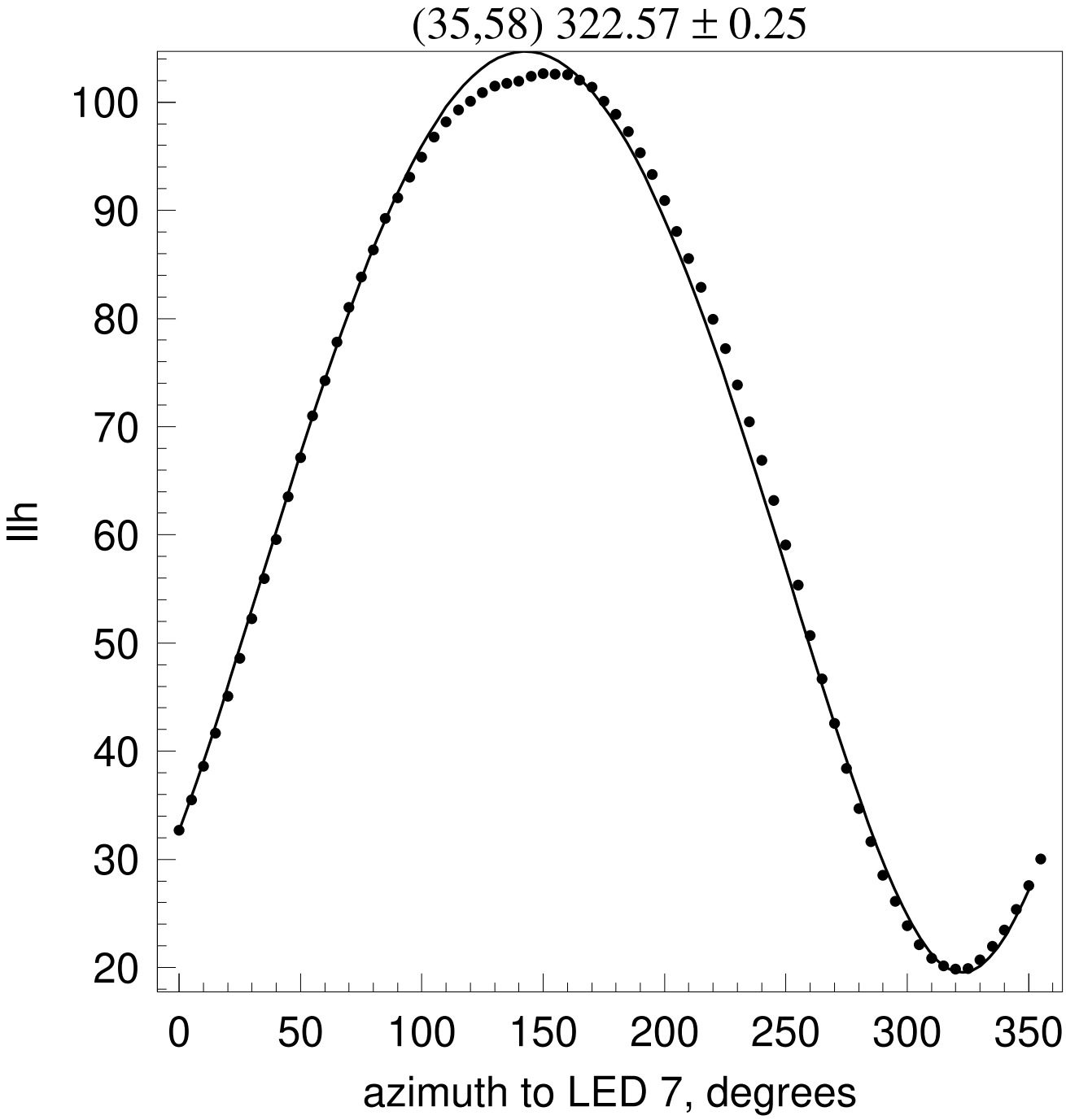

(35,53) 213.63 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

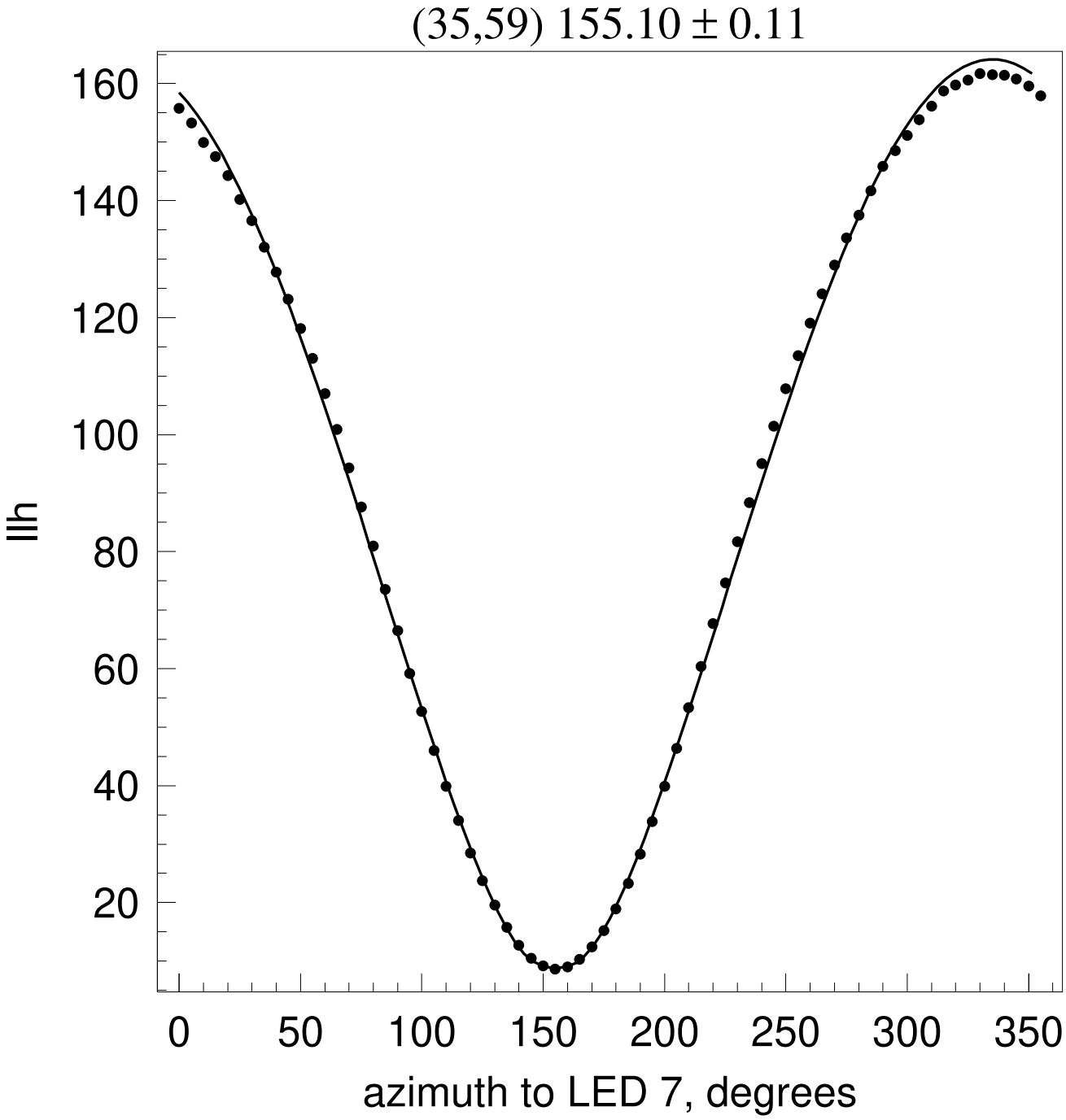

(35,54) 256.58 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

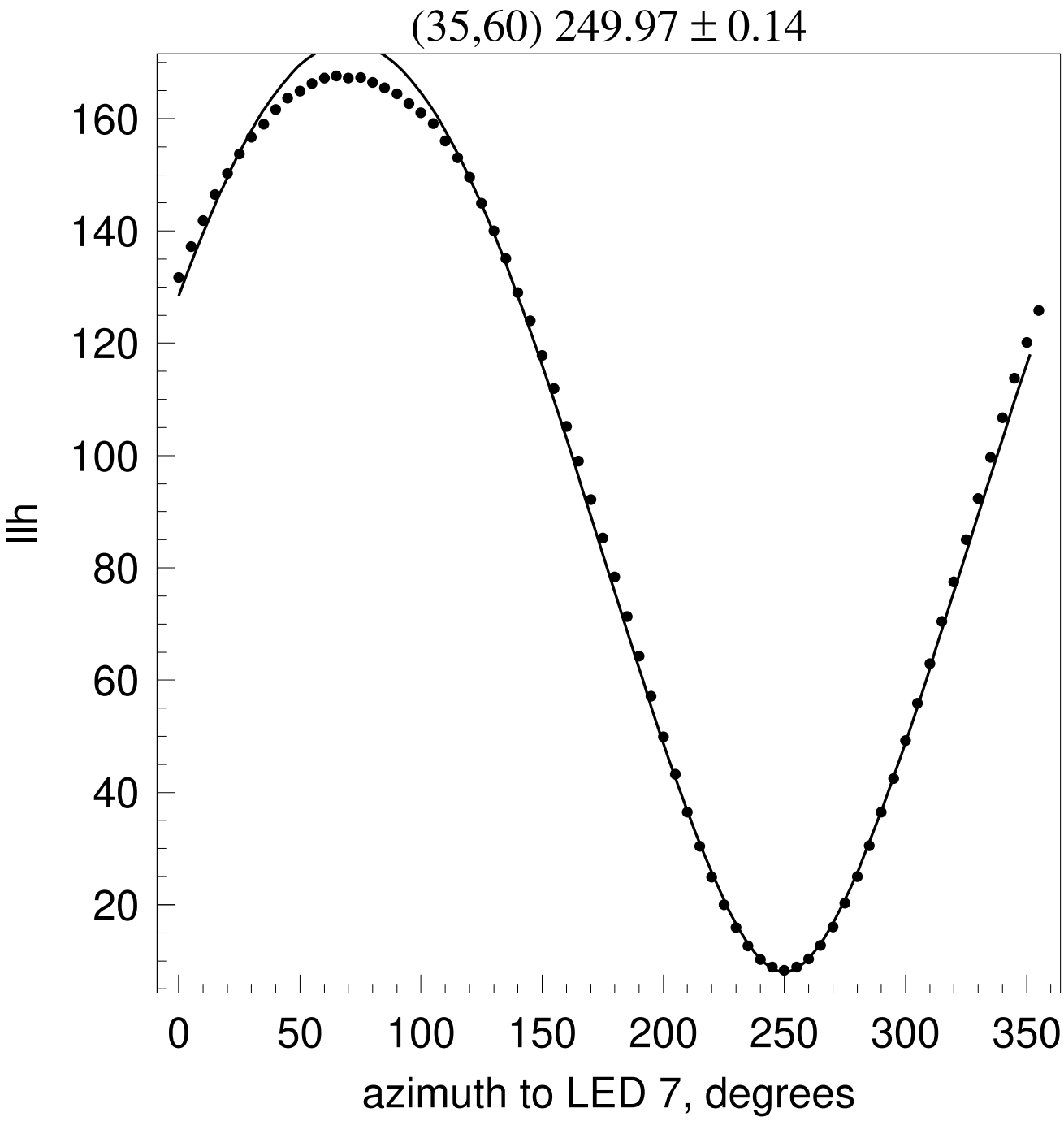

(35,55) 152.94 ± 0.03
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

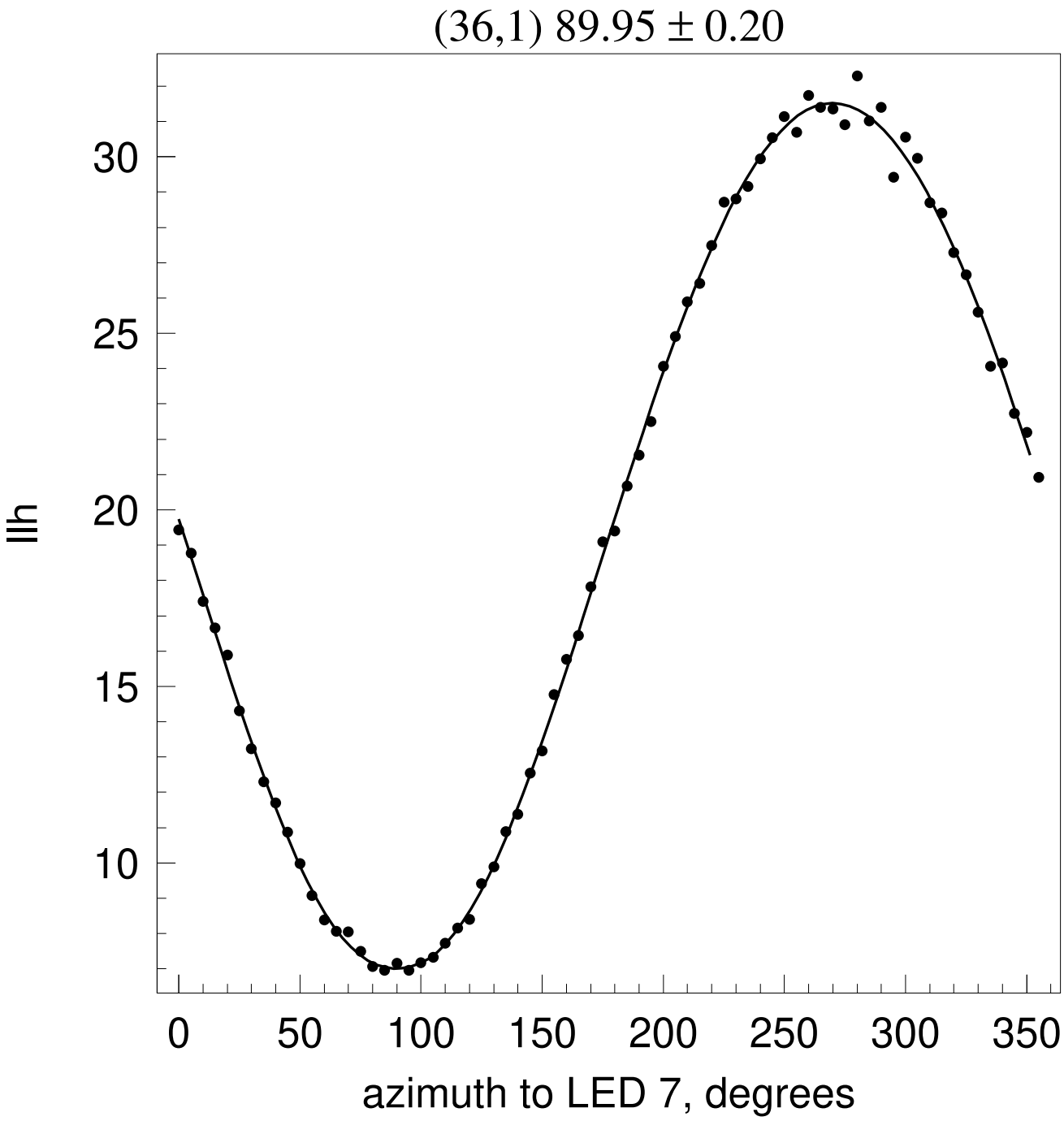

(35,56) 72.17 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

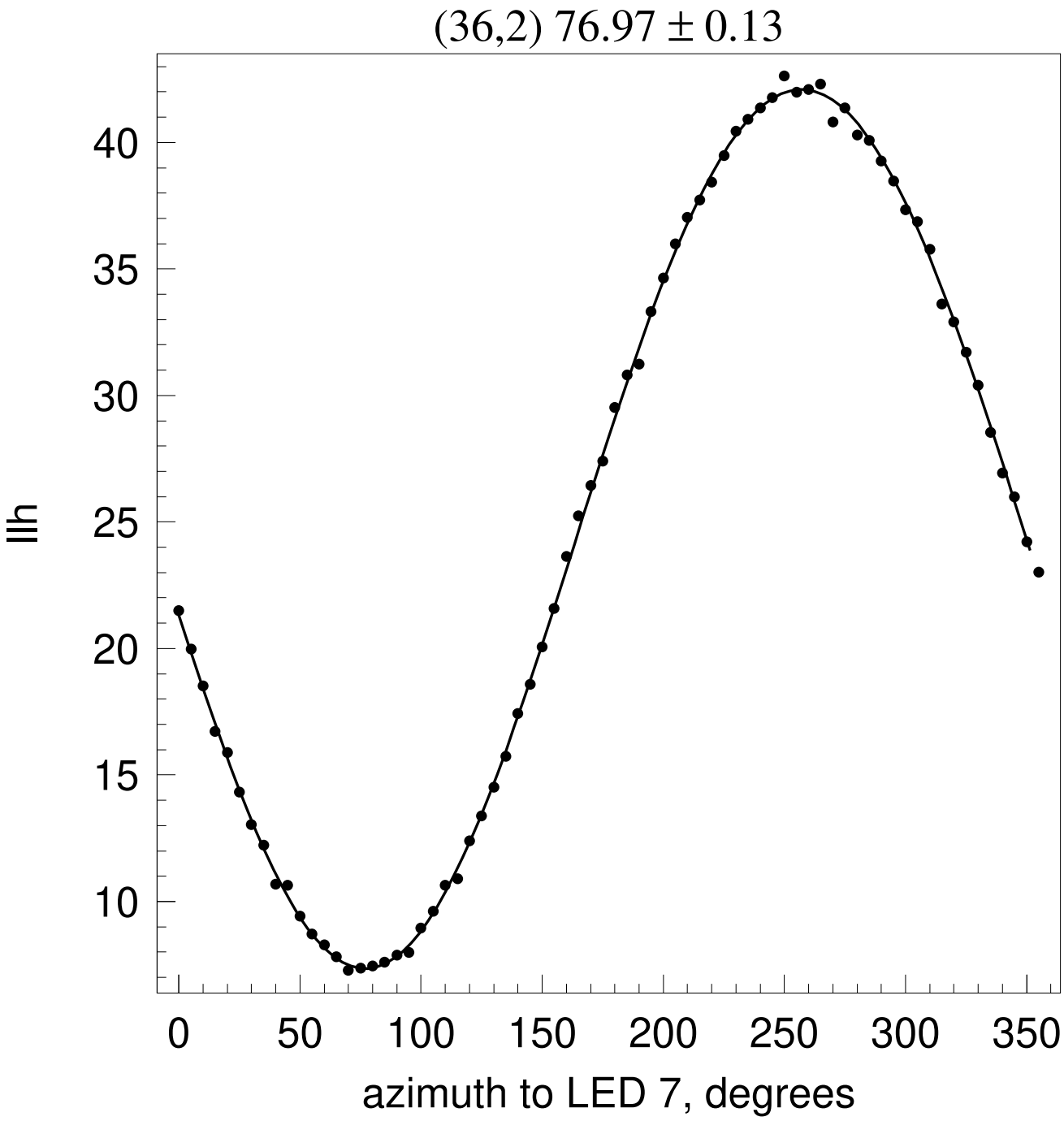

(35,57) 273.22 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

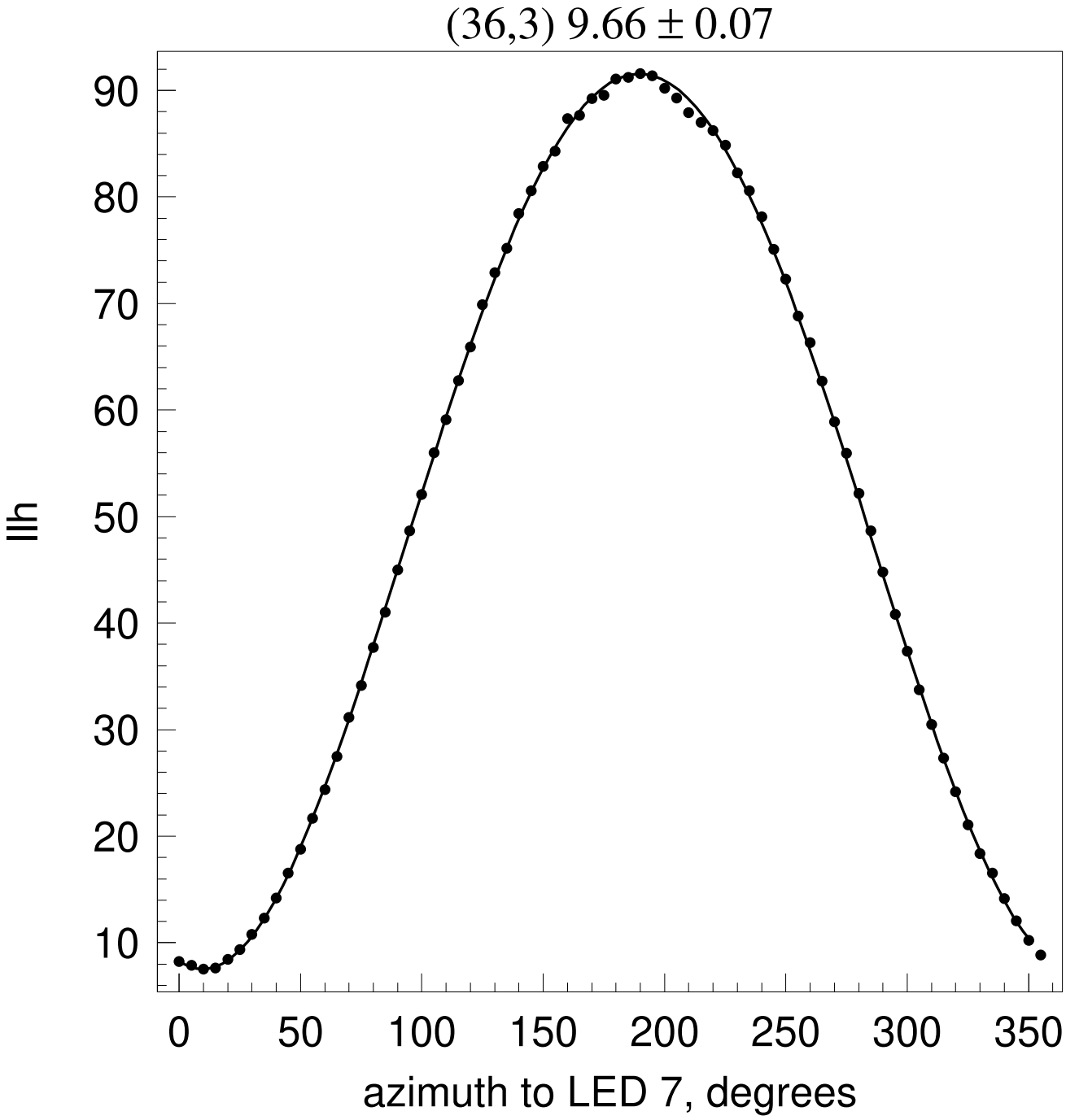

(35,58) 322.57 ± 0.25
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

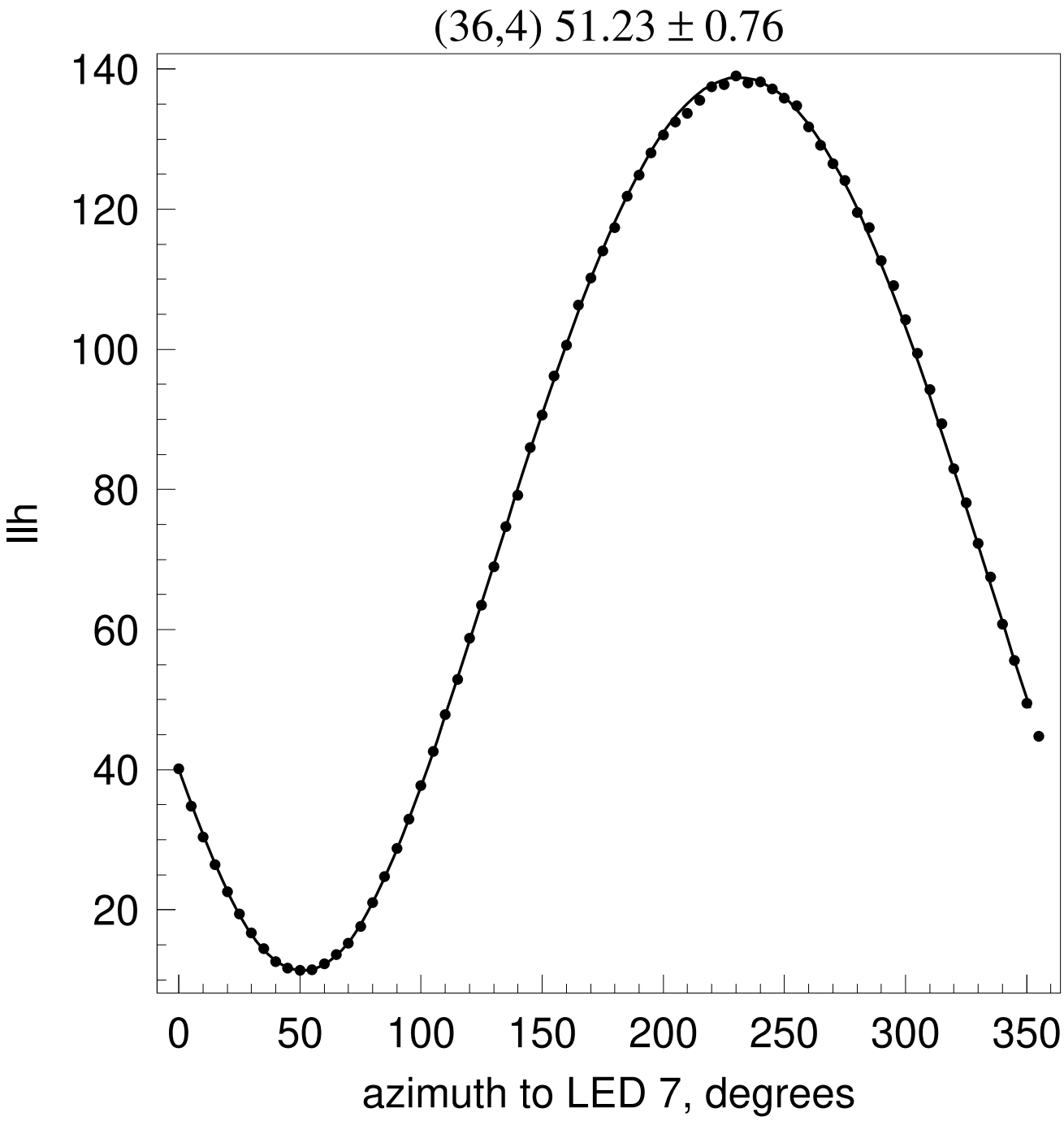

(35,59) 155.10 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

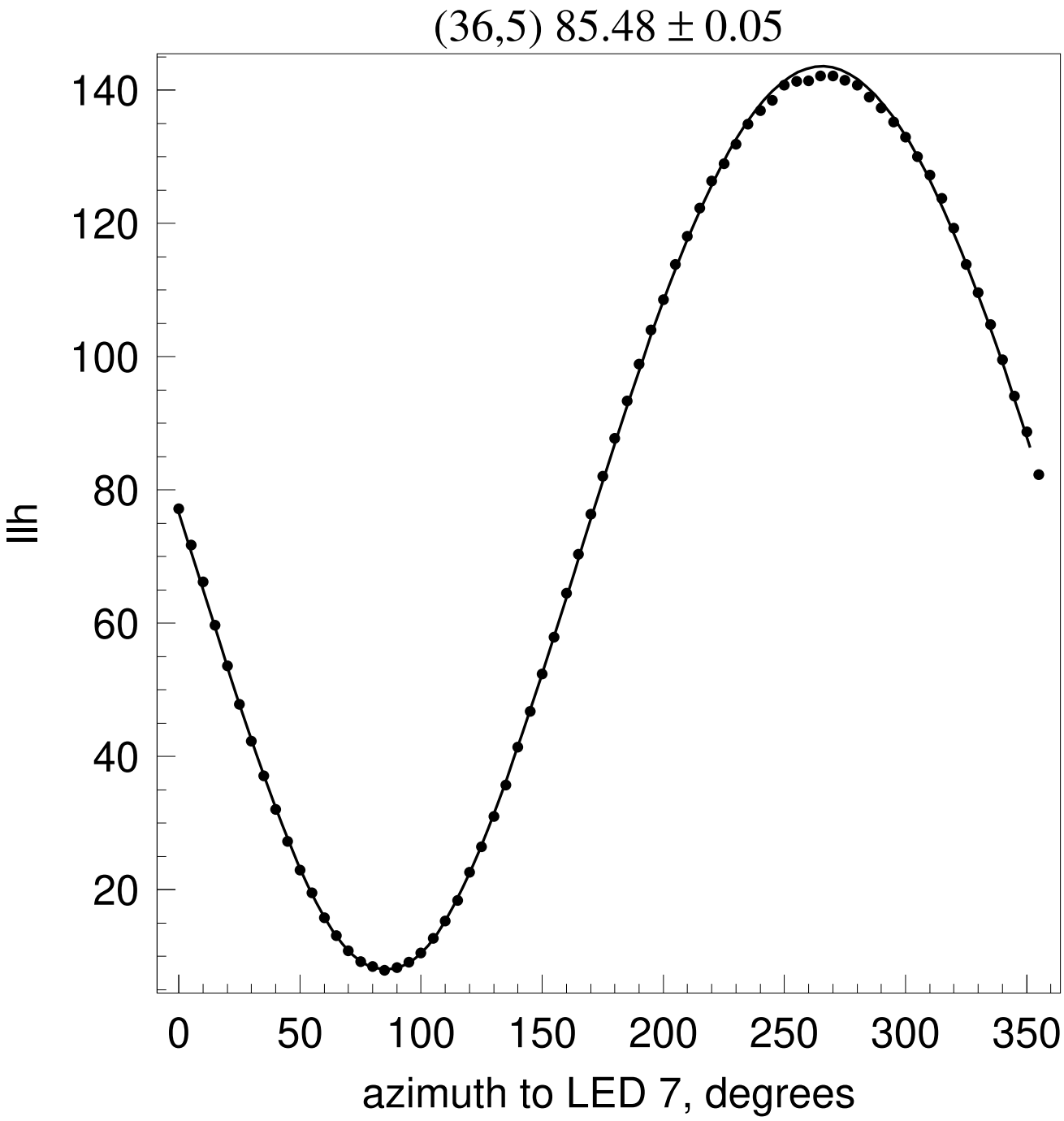

(35,60) 249.97 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

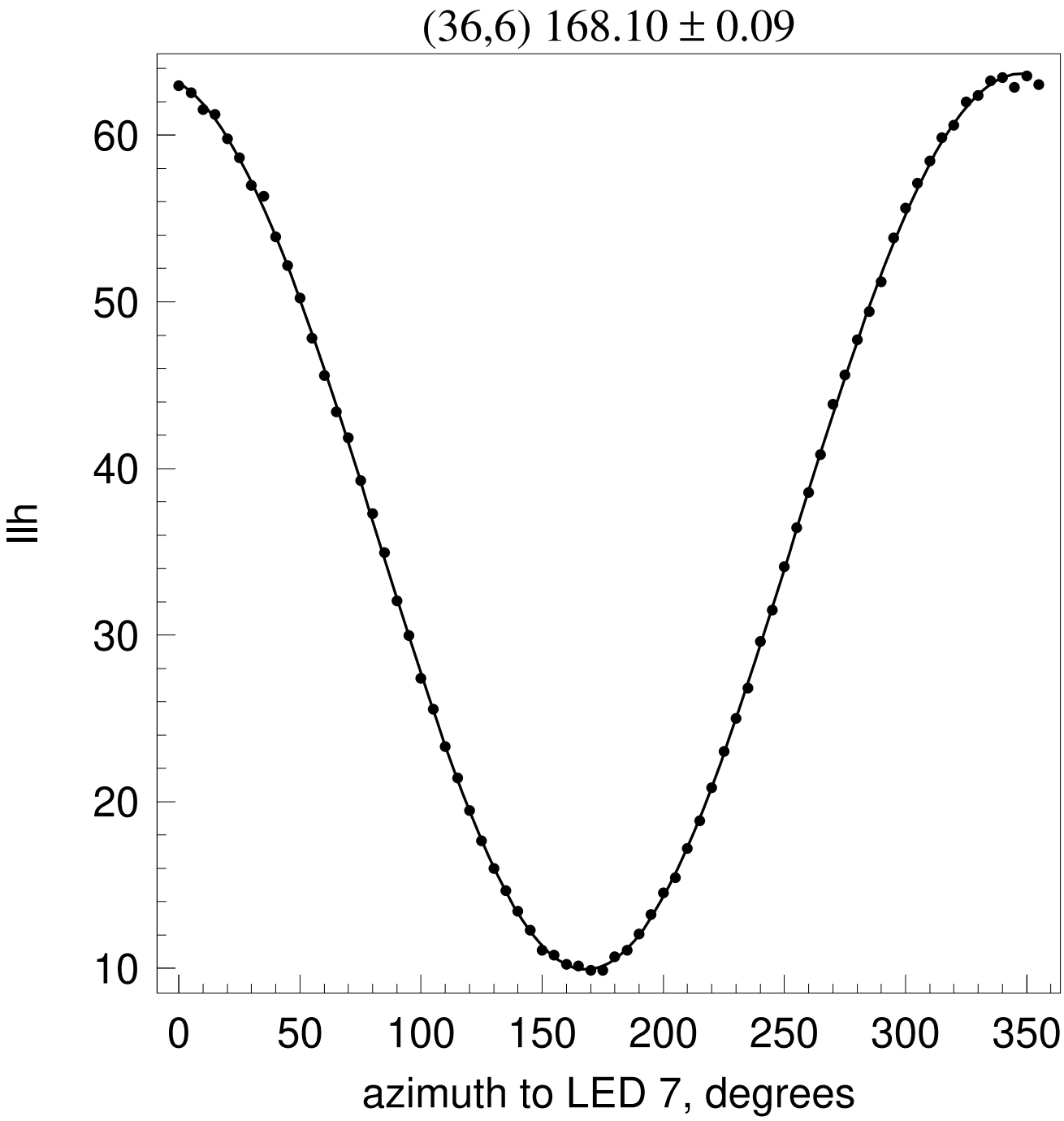

(36,1) 89.95 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

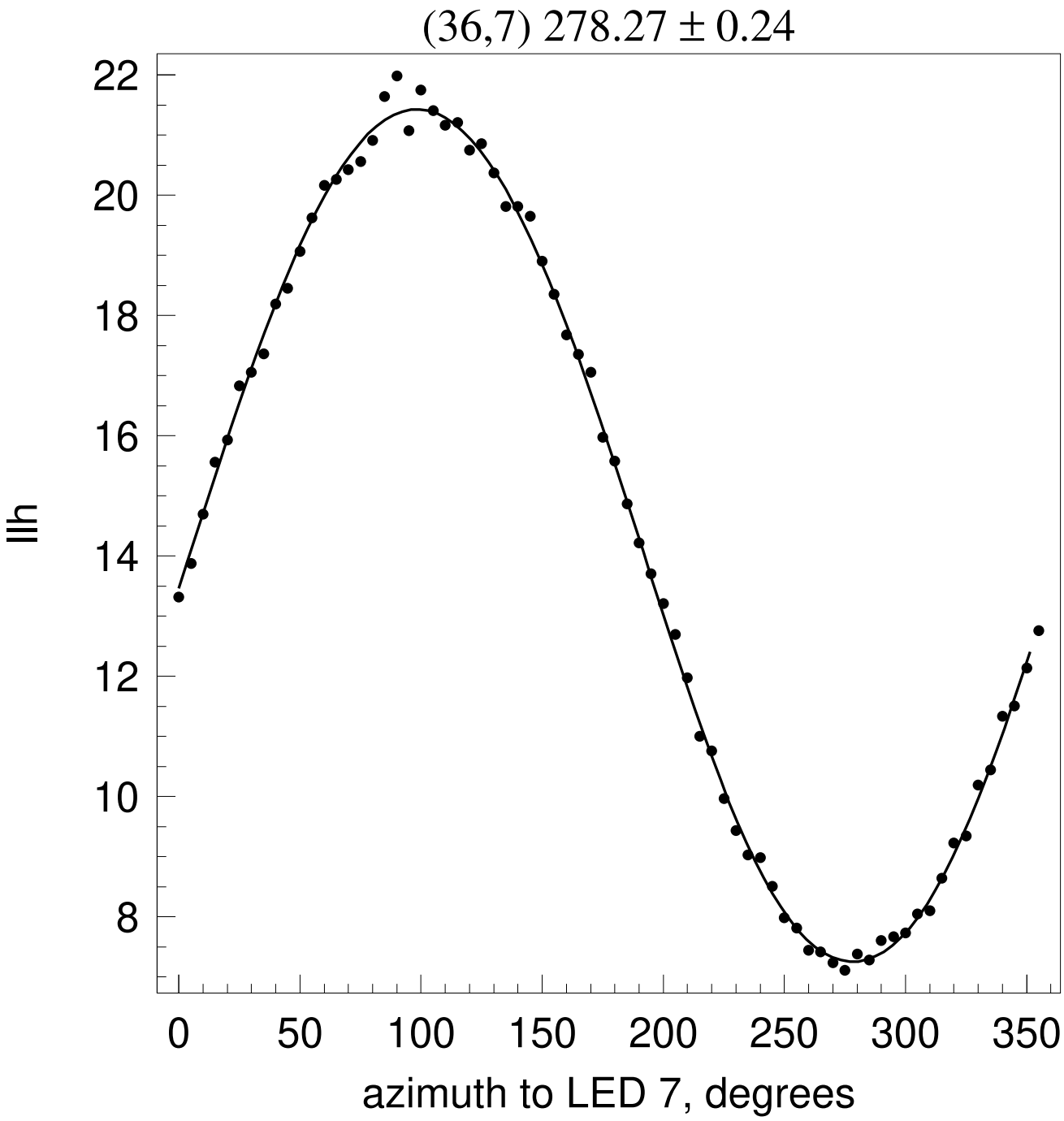

(36,2) 76.97 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

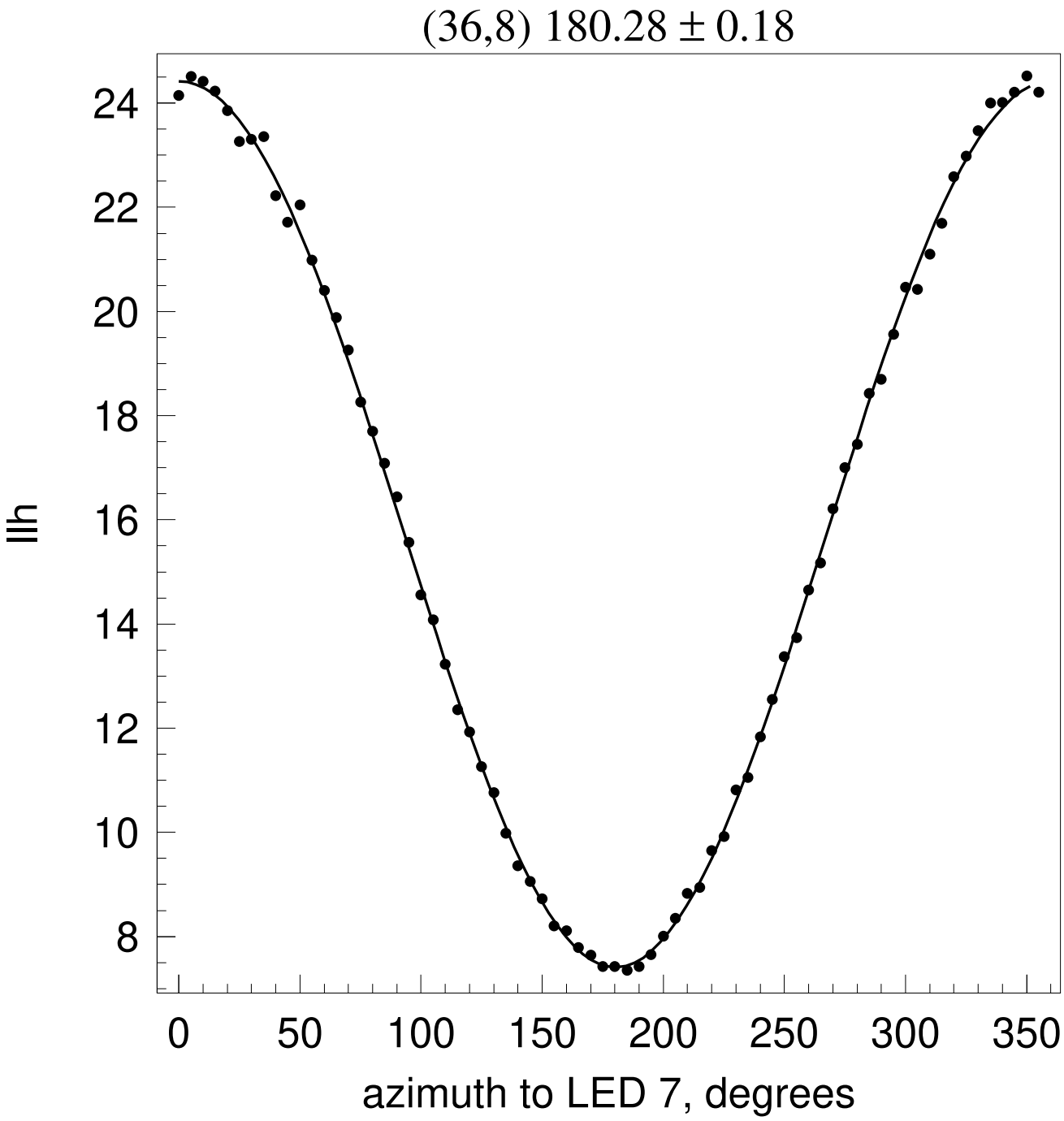

(36,3) 9.66 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

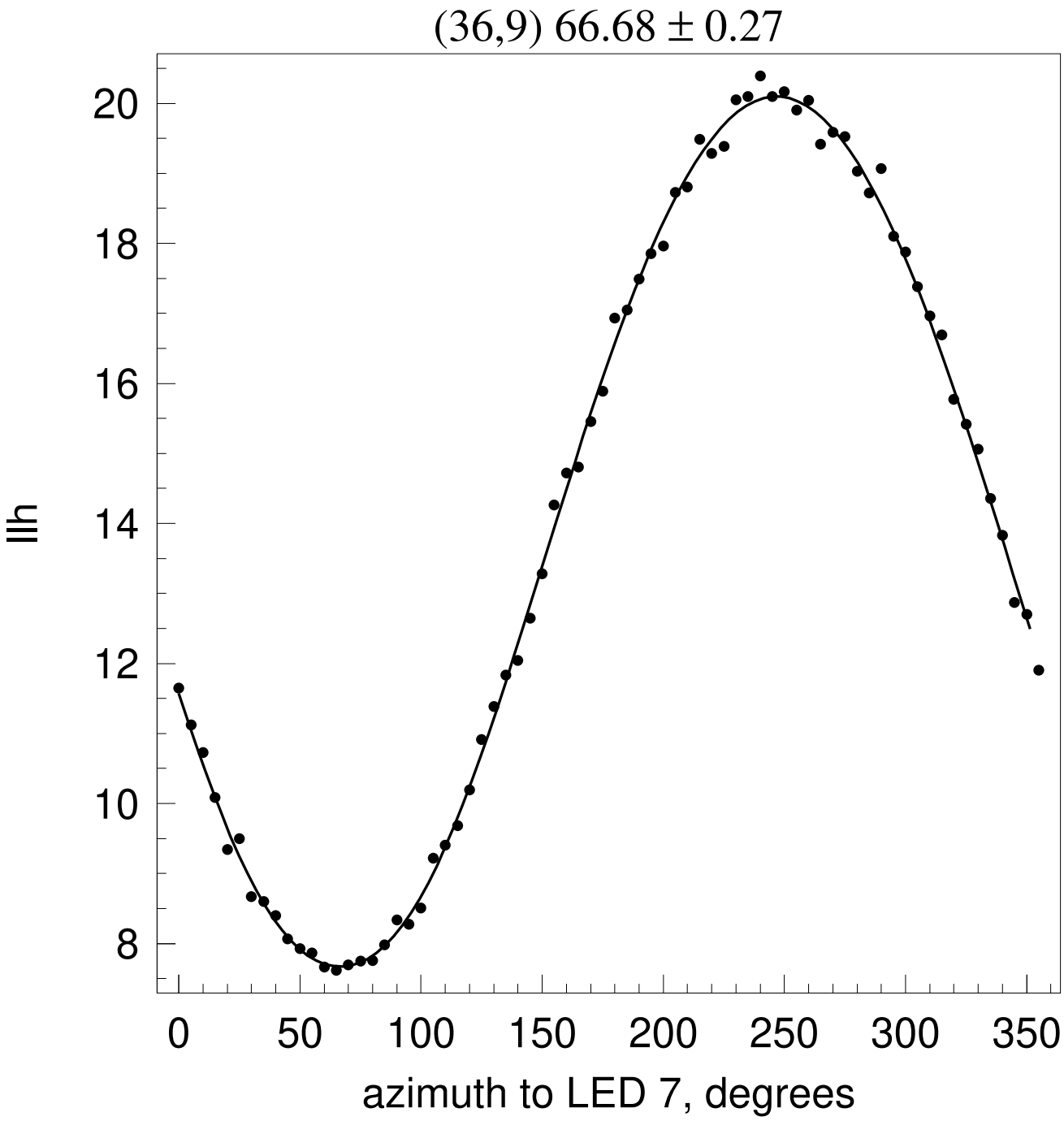

(36,4) 51.23 ± 0.76
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

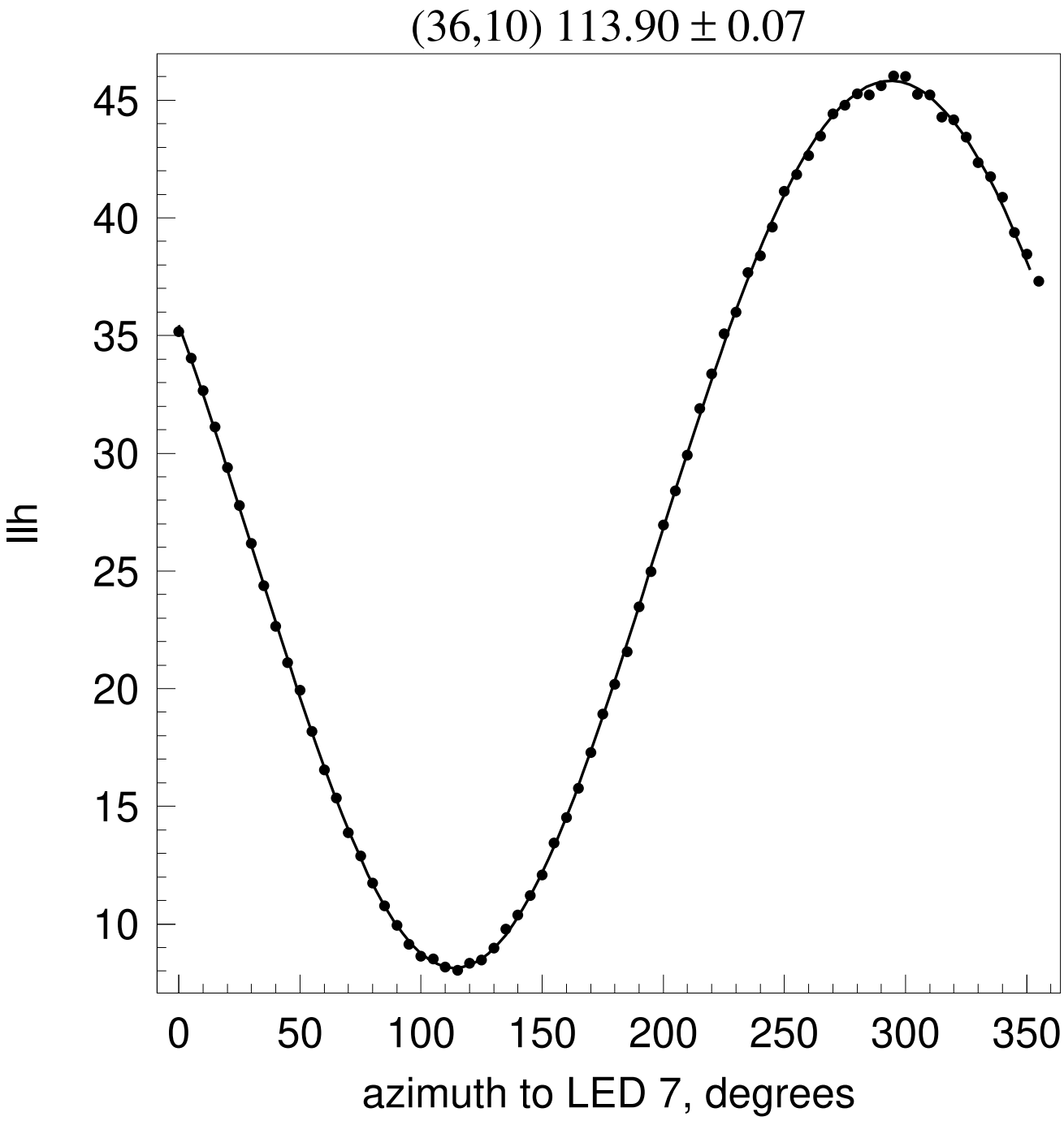

(36,5) 85.48 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

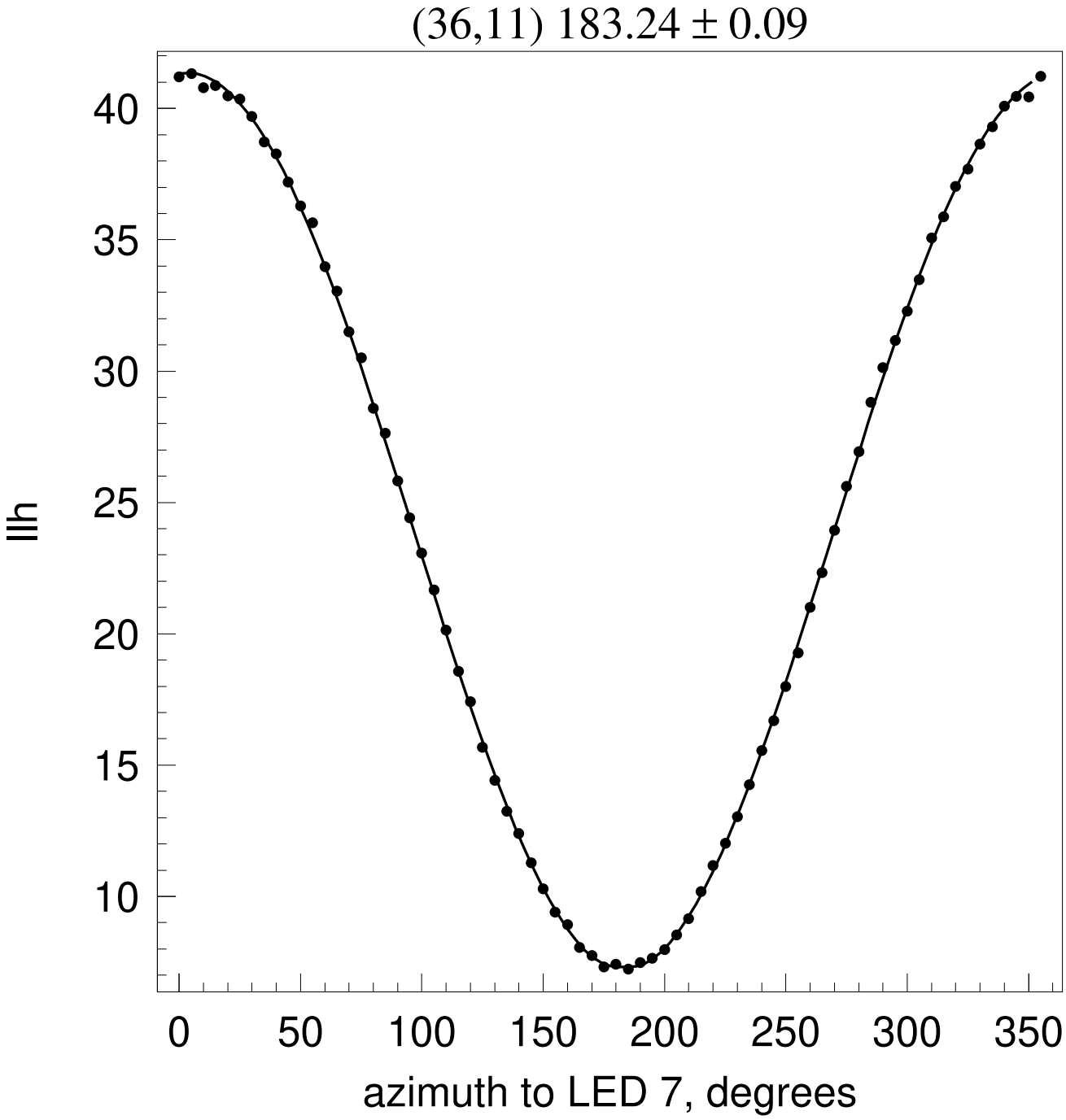

(36,6) 168.10 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

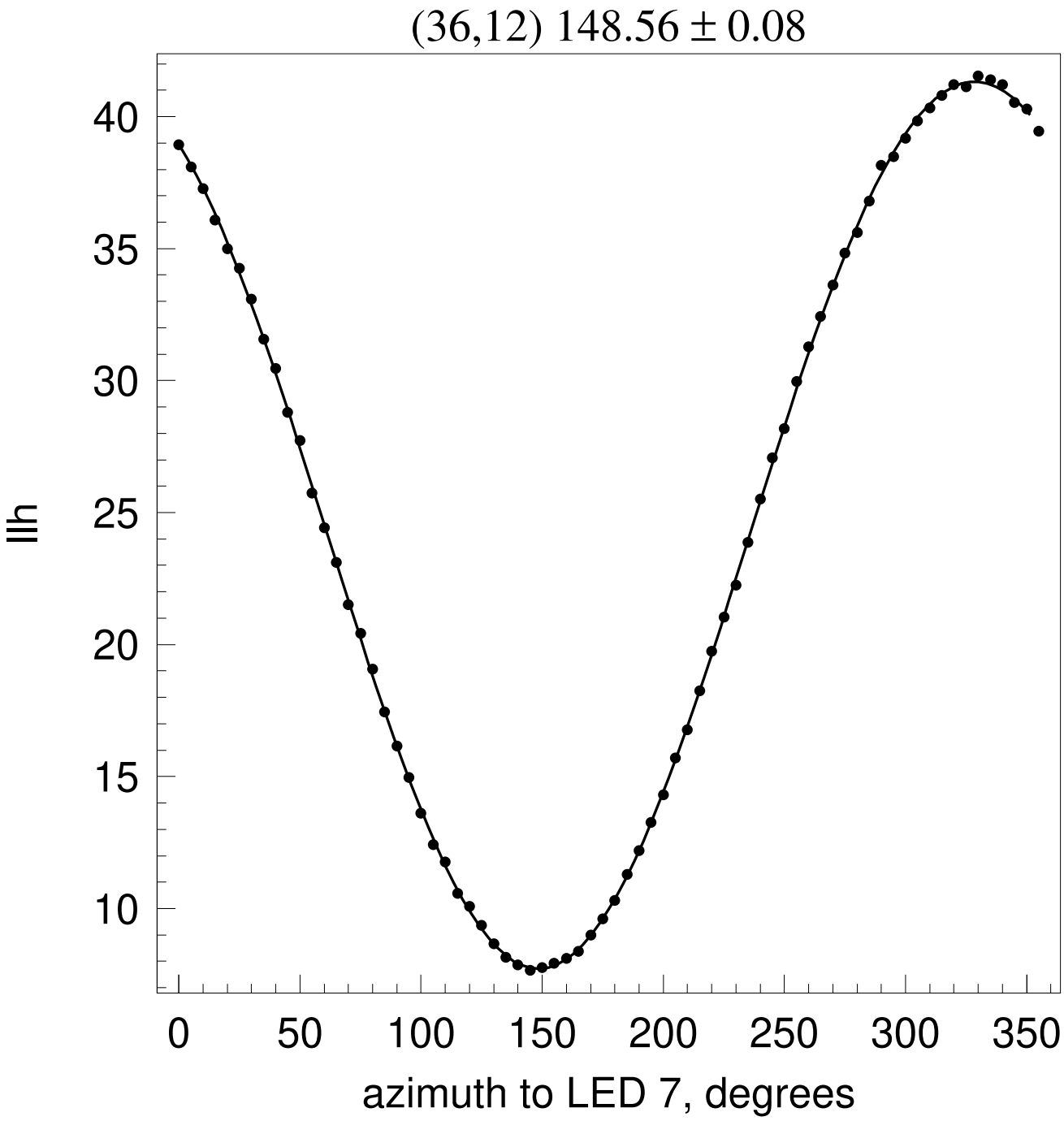

(36,7) 278.27 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

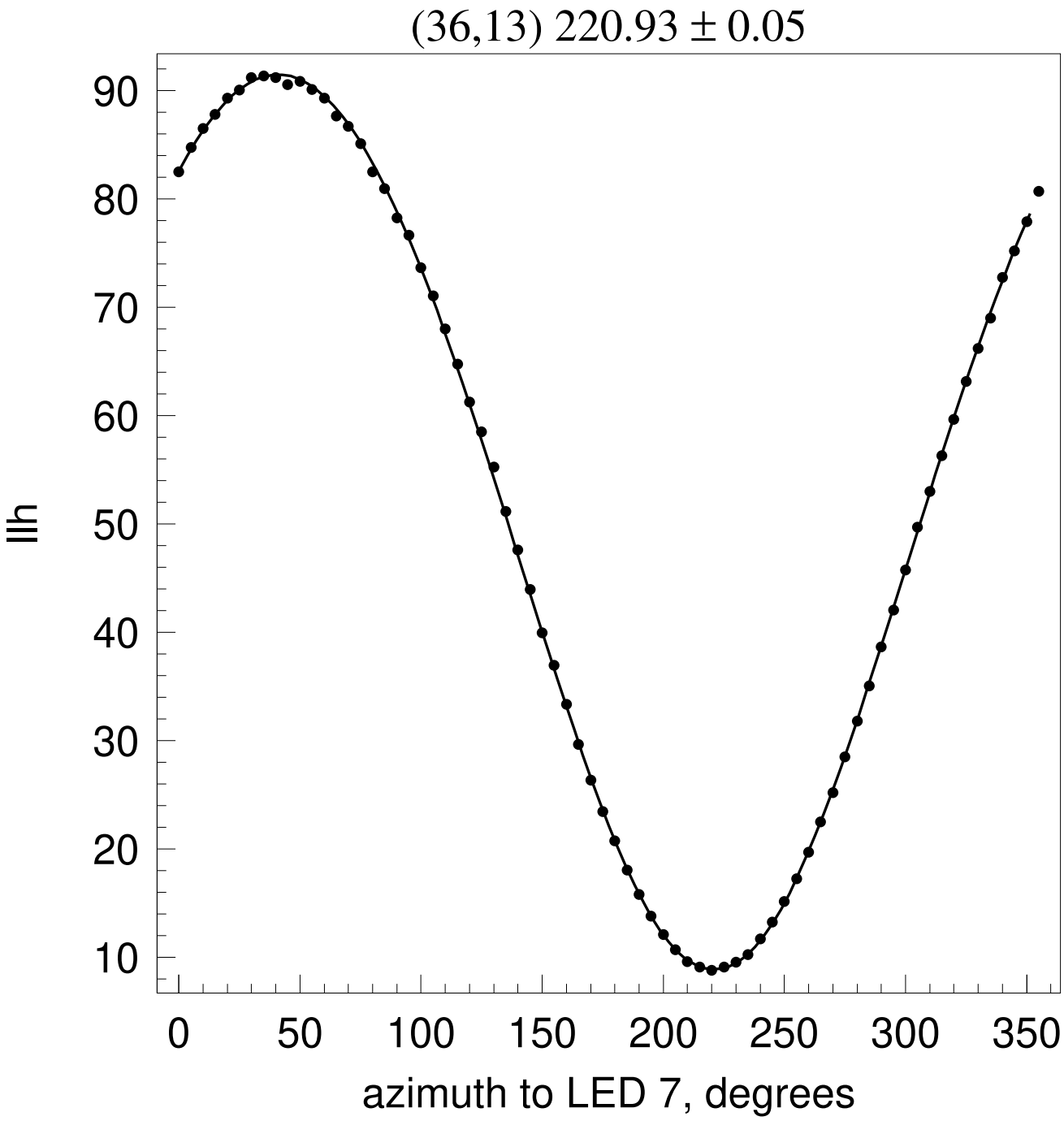

(36,8) 180.28 ± 0.18
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

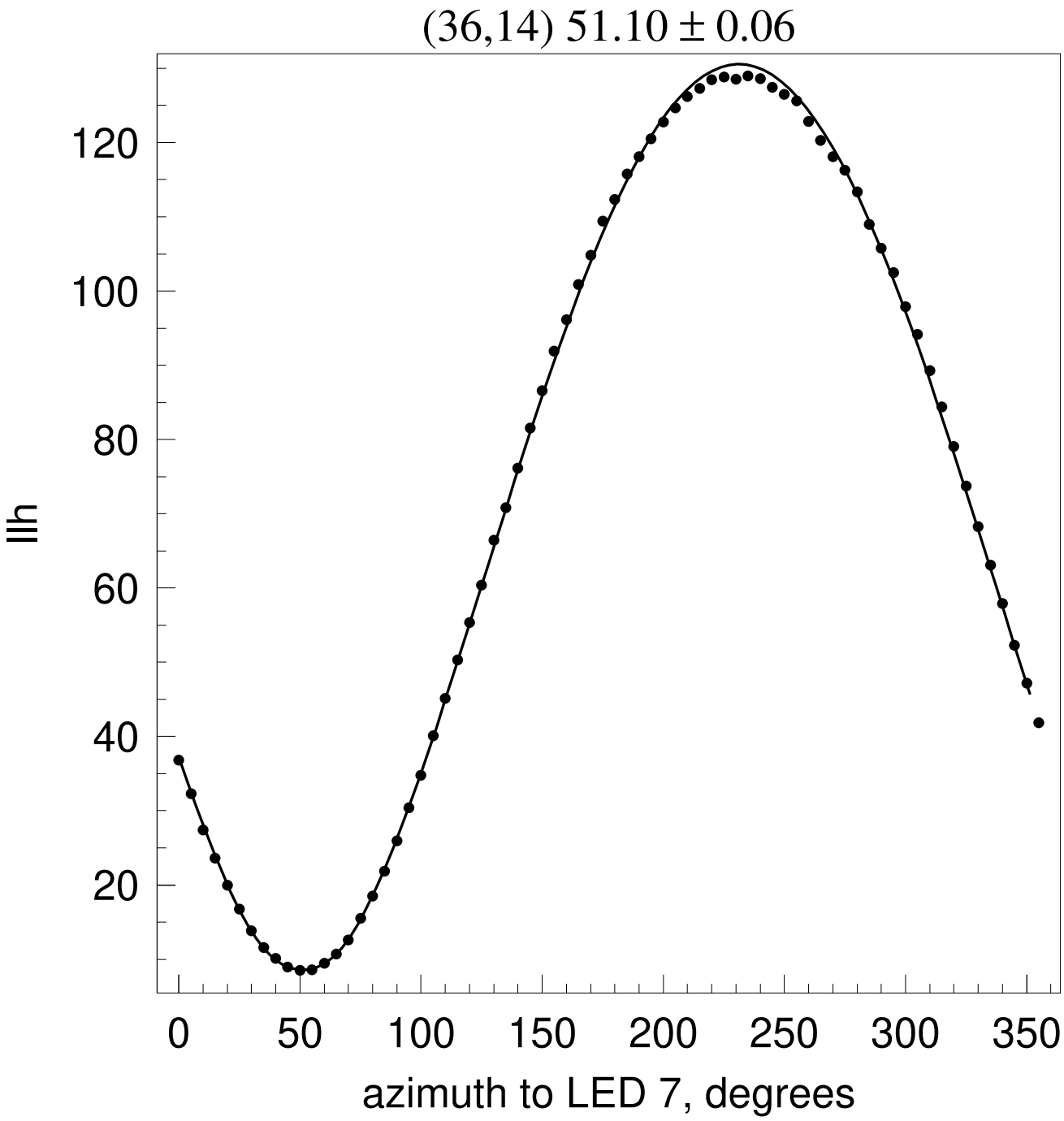

(36,9) 66.68 ± 0.27
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

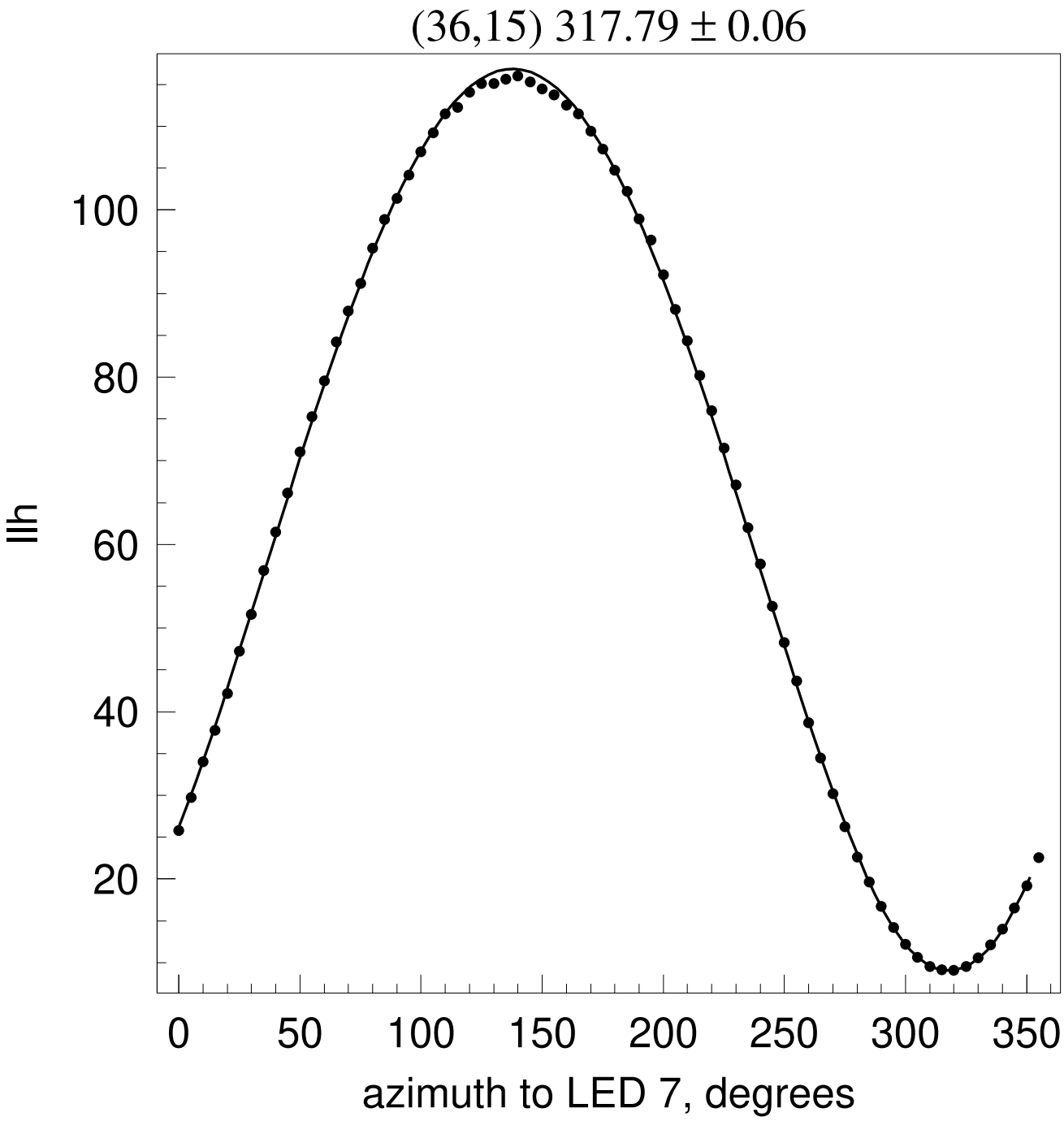

(36,10) 113.90 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

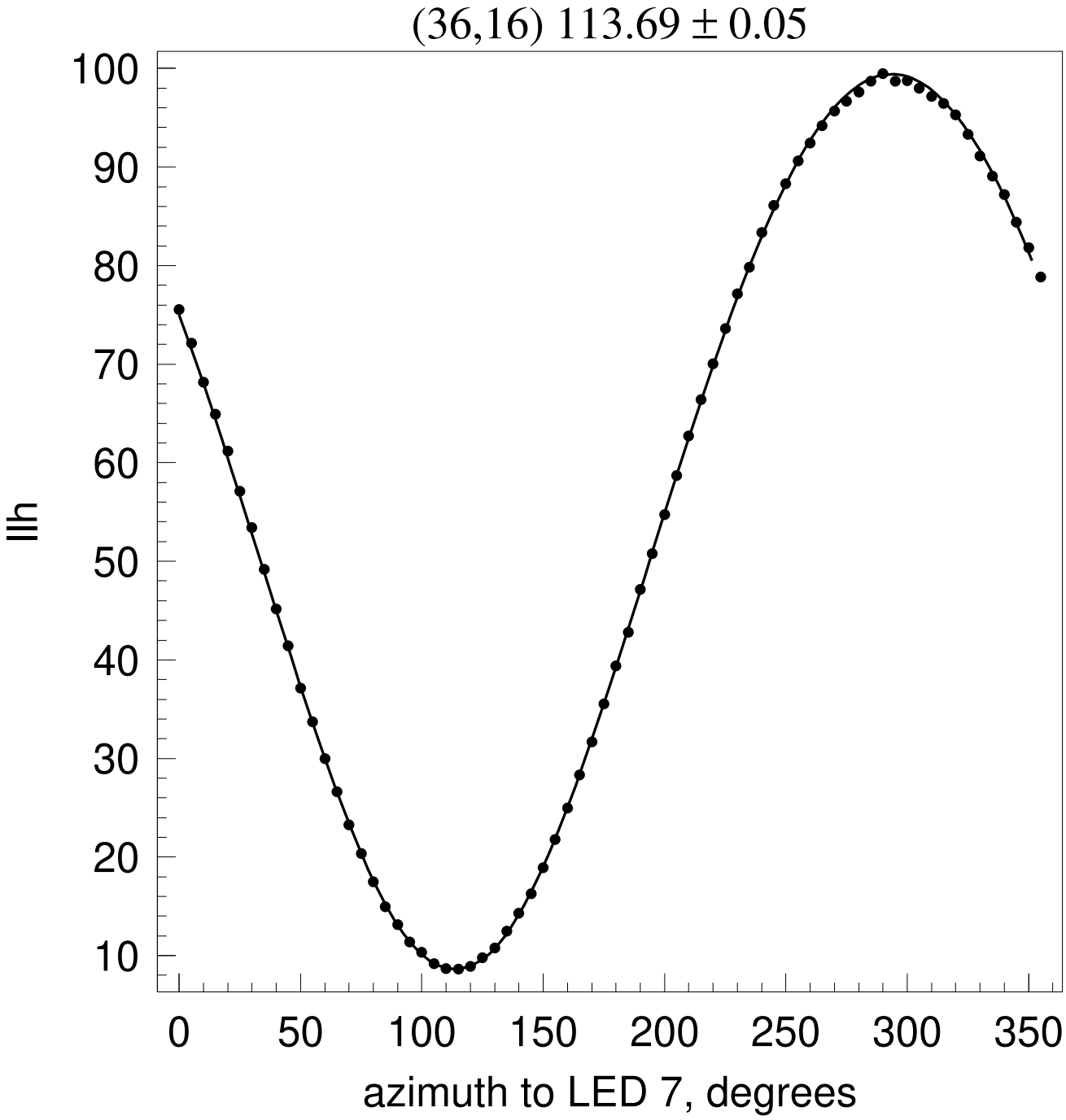

(36,11) 183.24 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

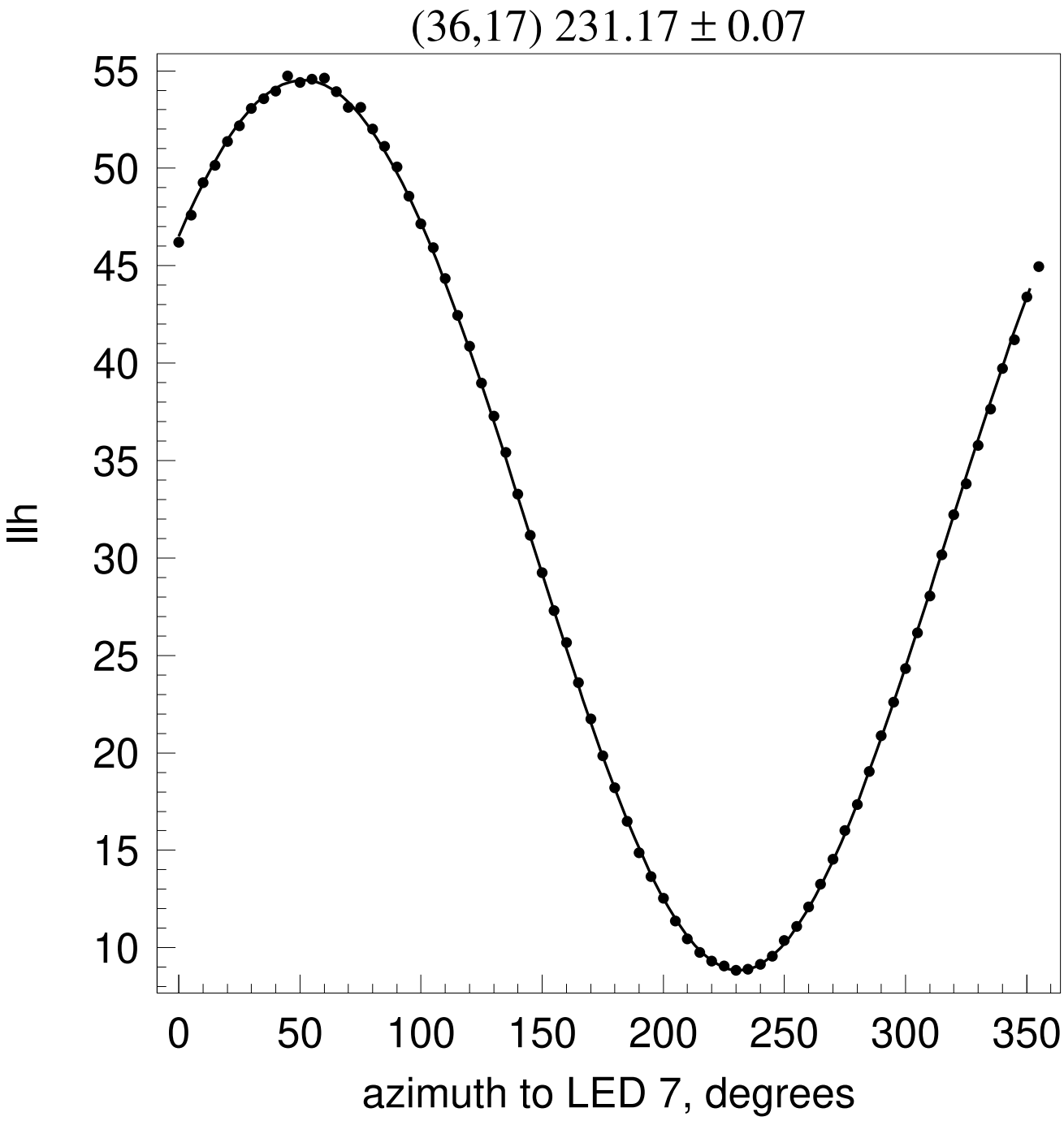

(36,12) 148.56 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

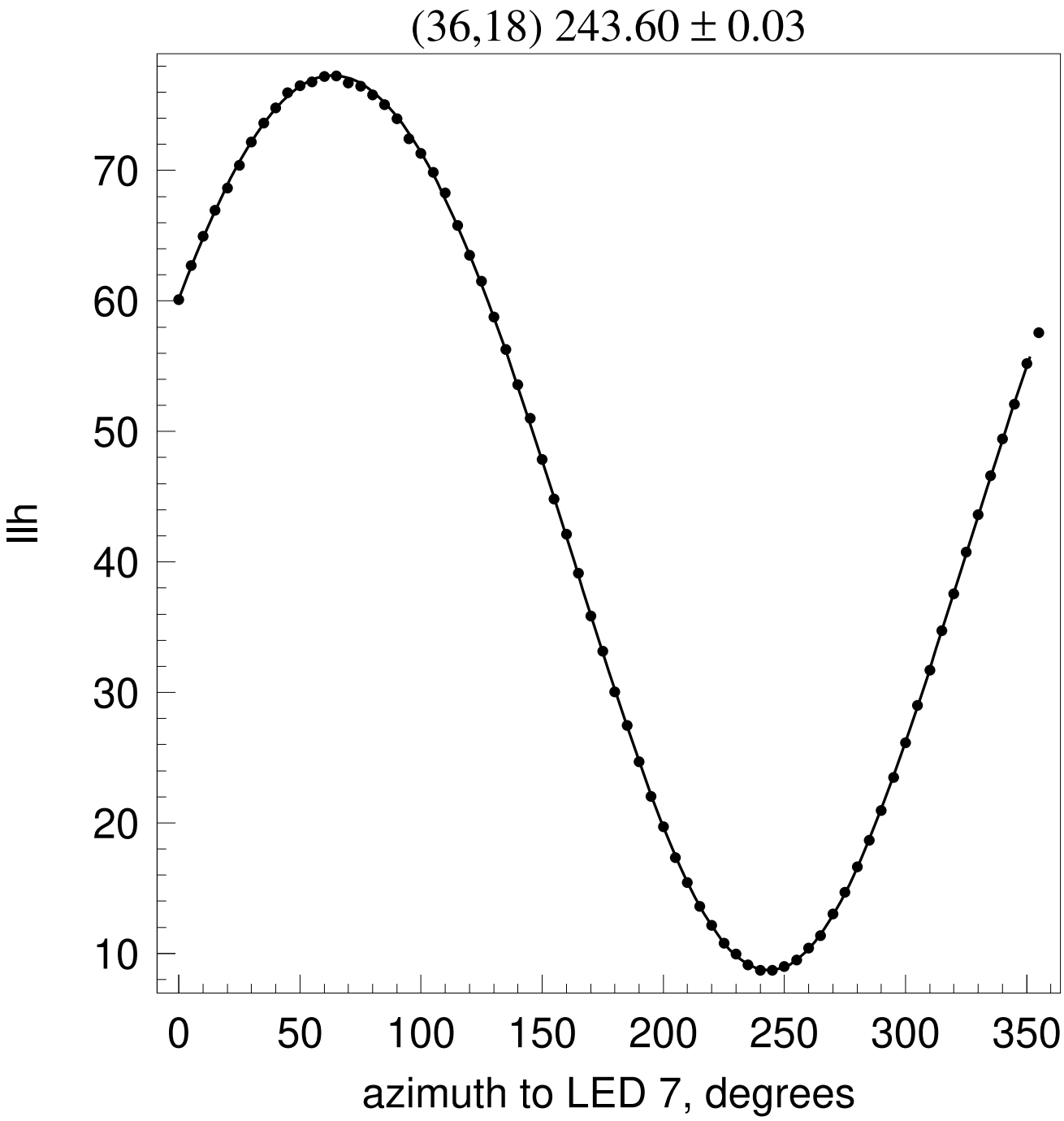

(36,13) 220.93 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

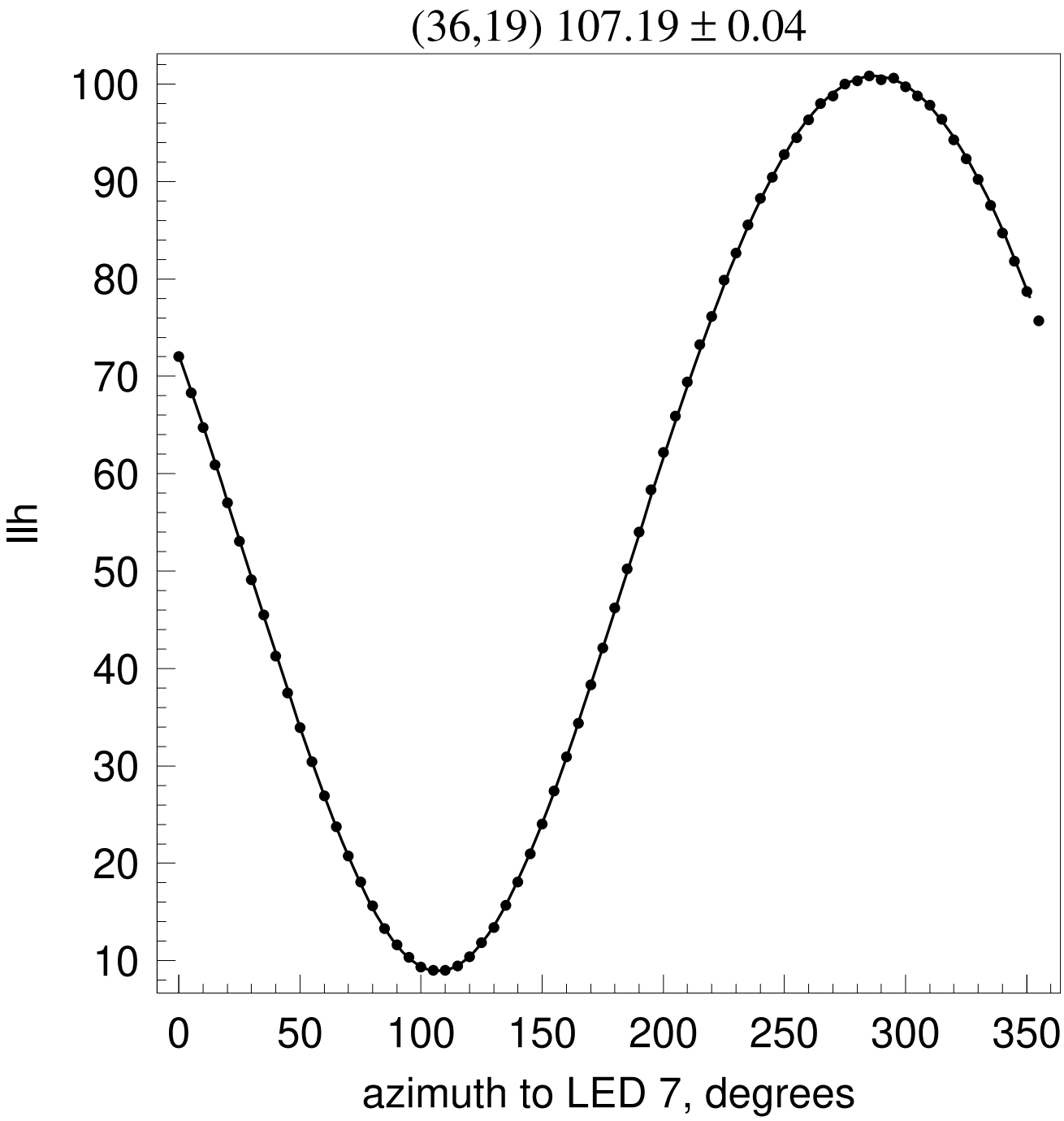

(36,14) 51.10 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

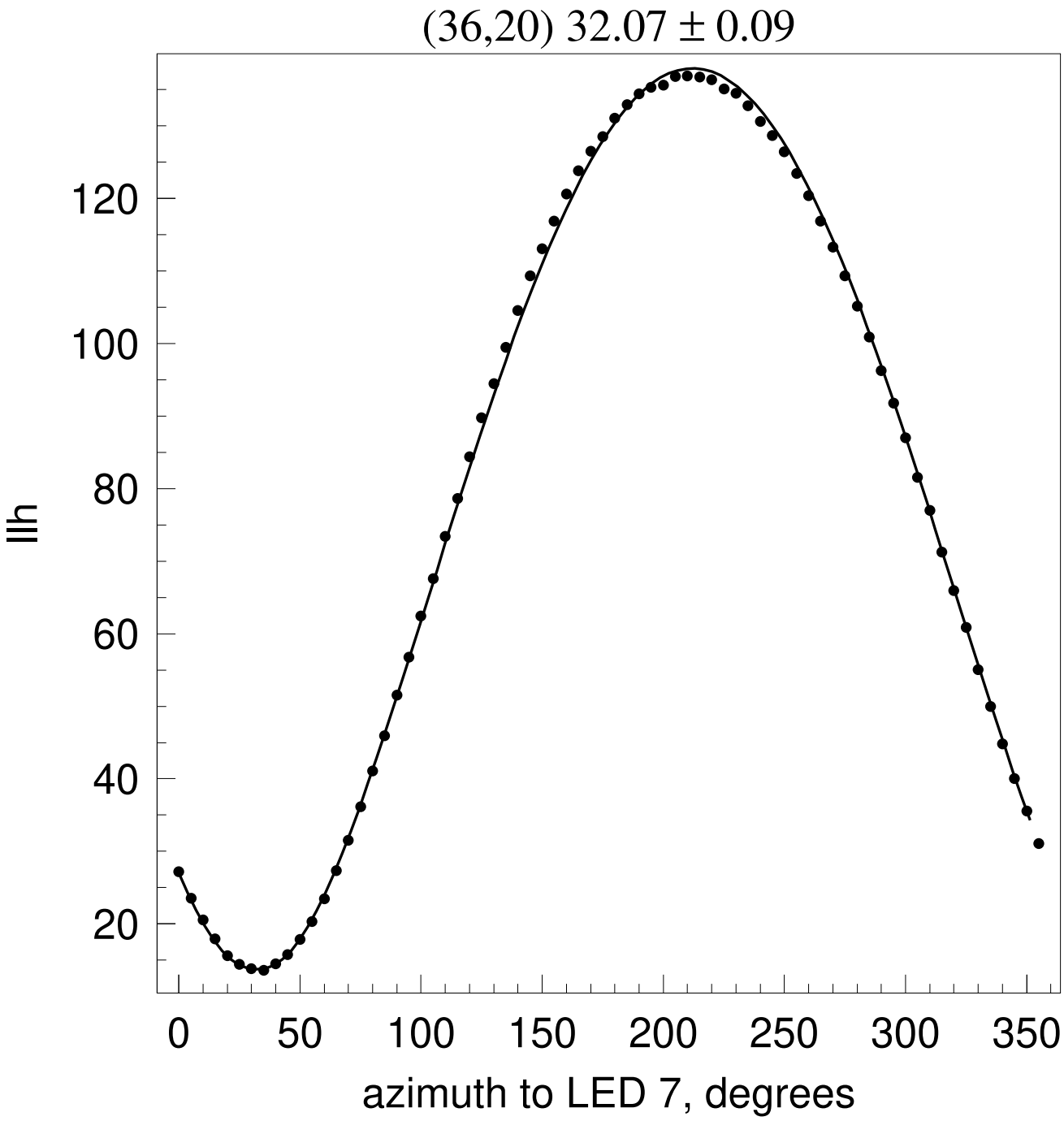

(36,15) 317.79 ± 0.06
llh
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

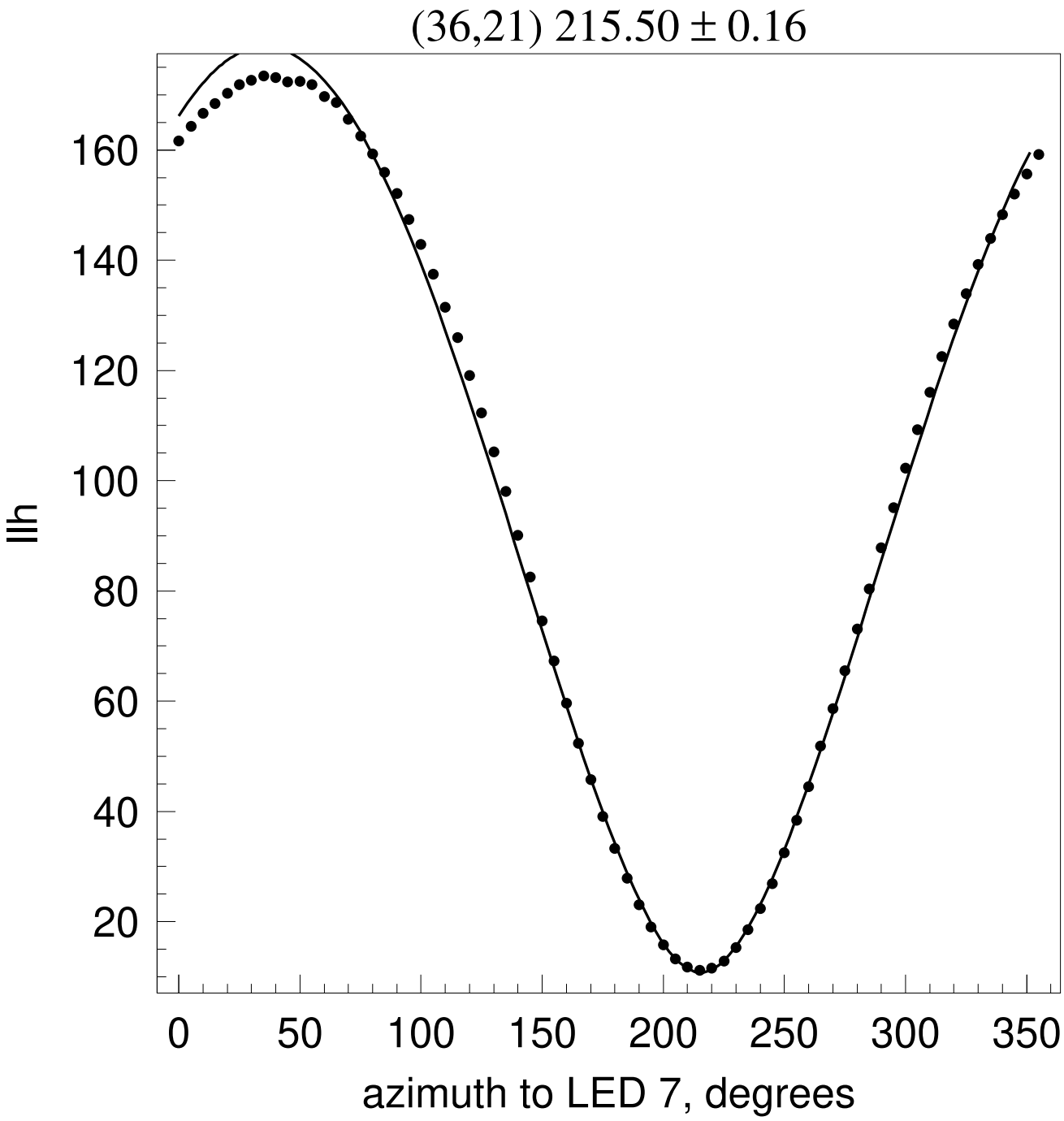

(36,16) 113.69 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

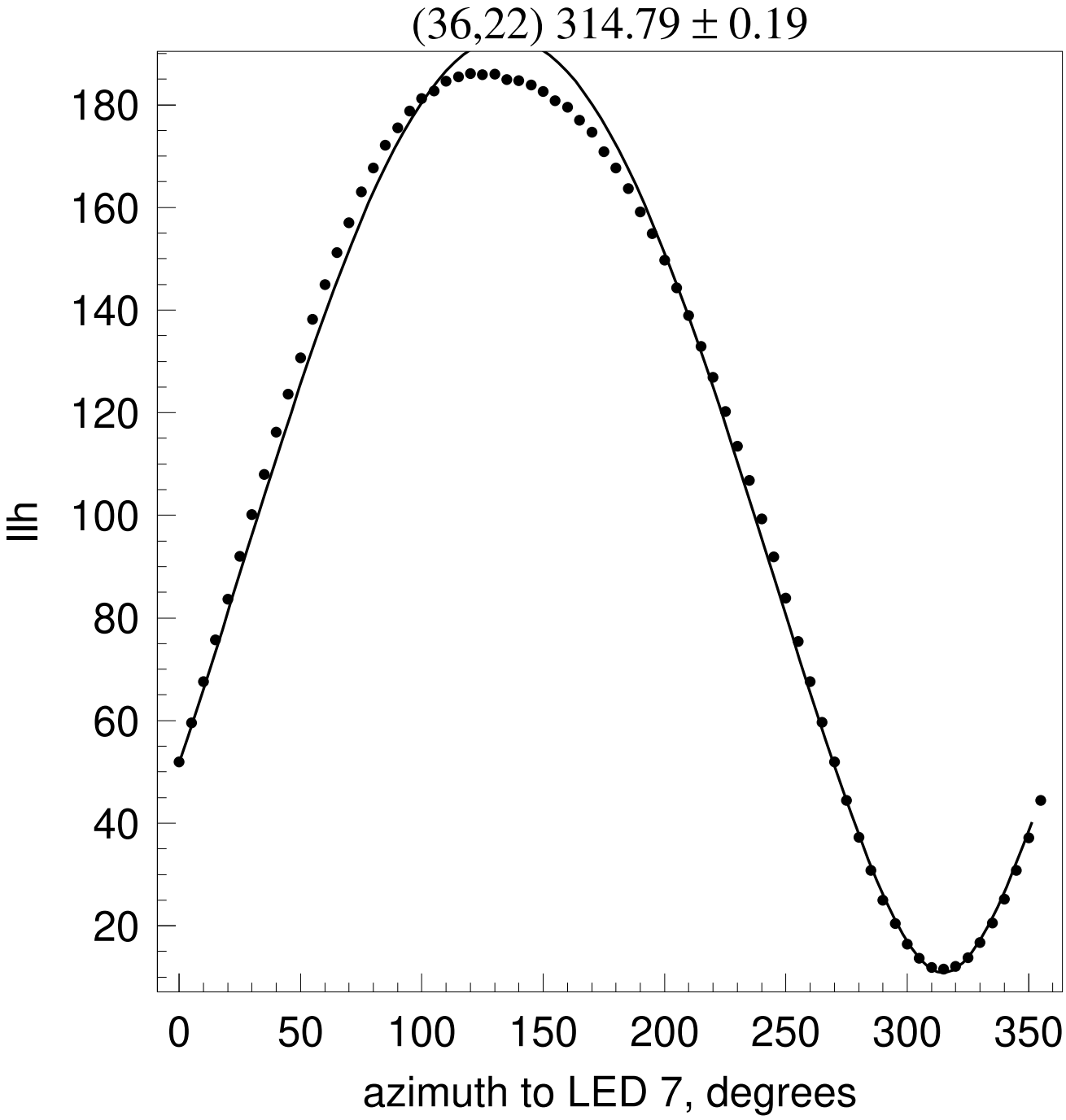

(36,17) 231.17 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

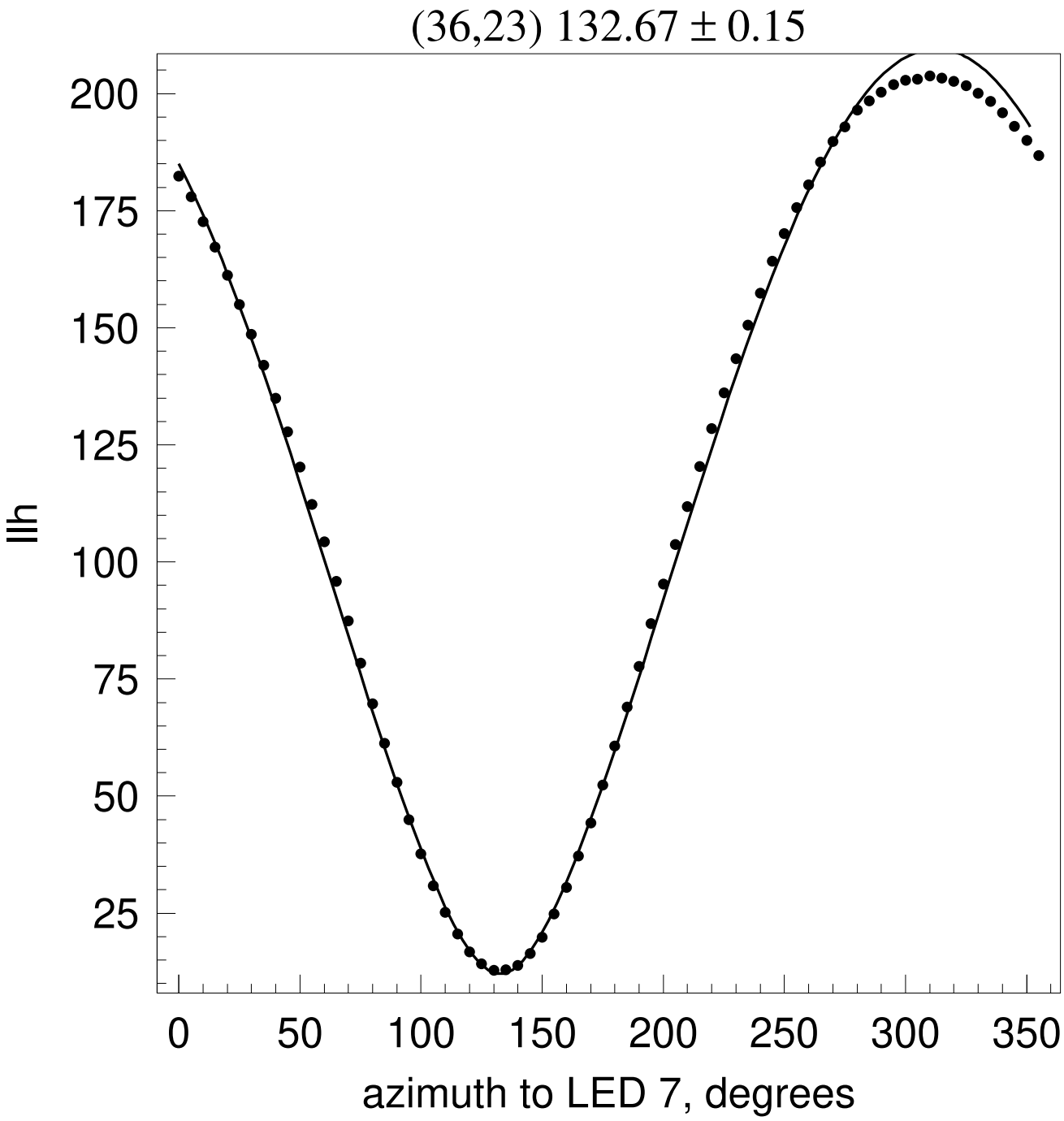

(36,18) 243.60 ± 0.03
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

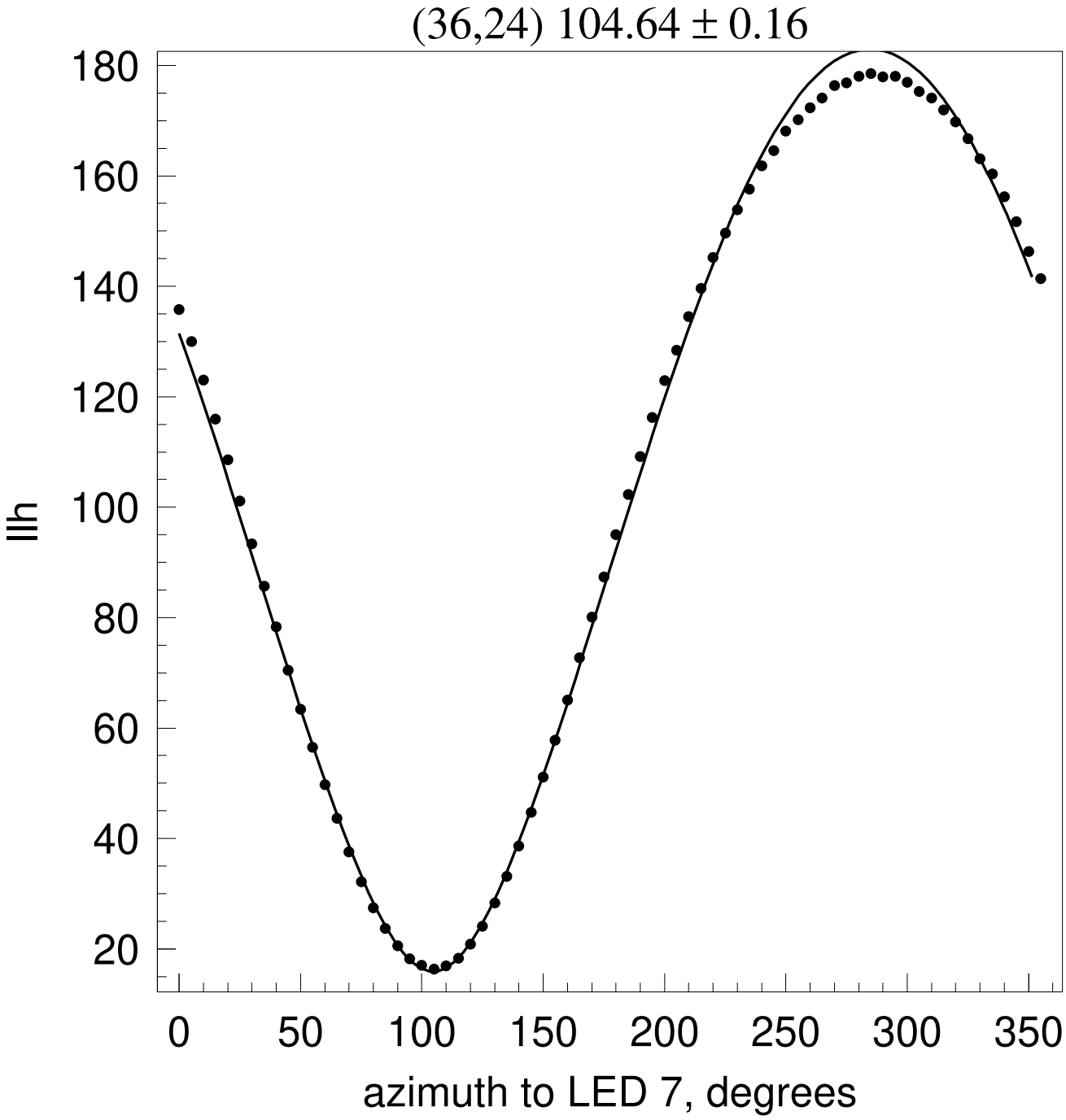

(36,19) 107.19 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

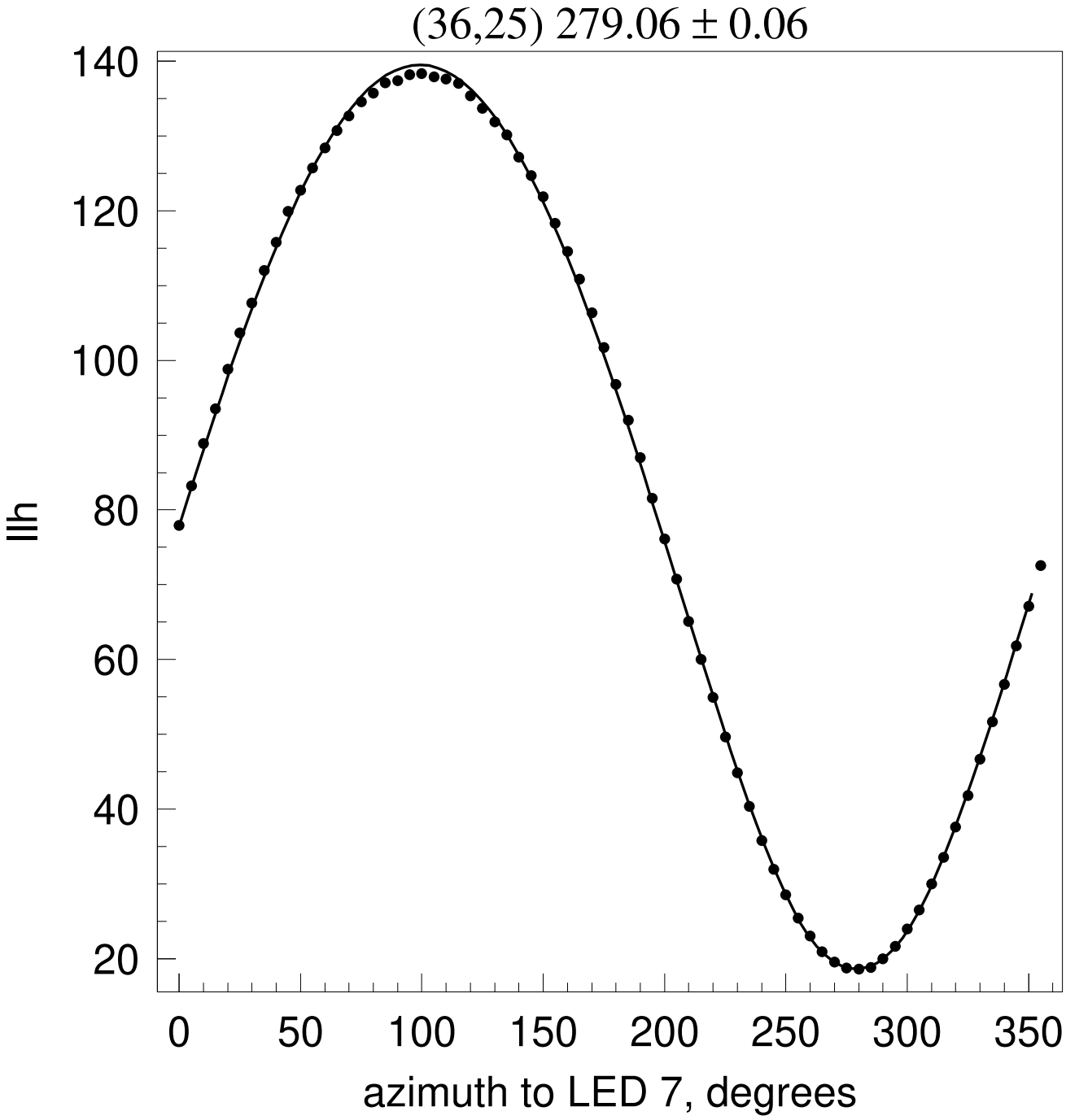

(36,20) 32.07 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

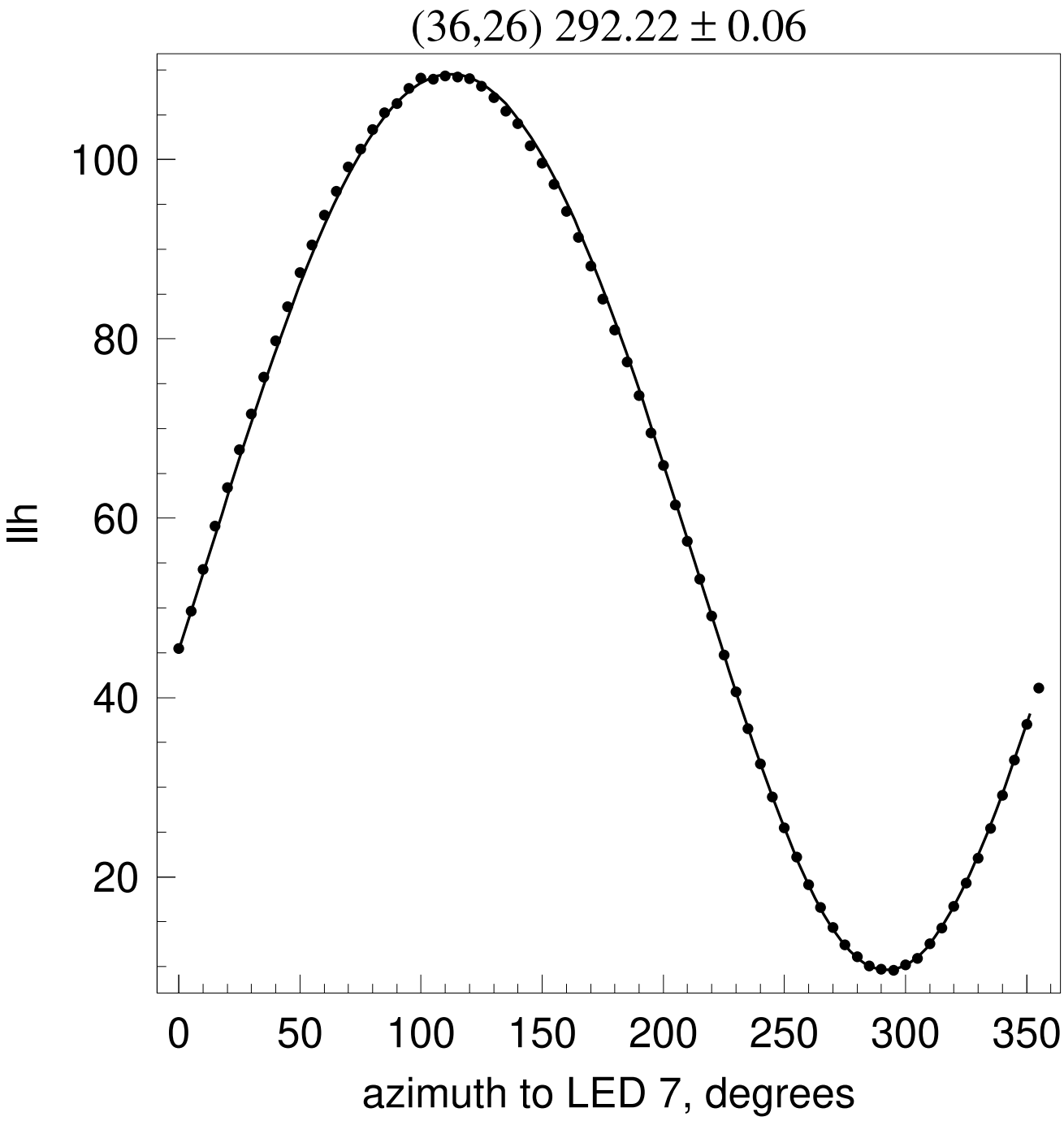

(36,21) 215.50 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

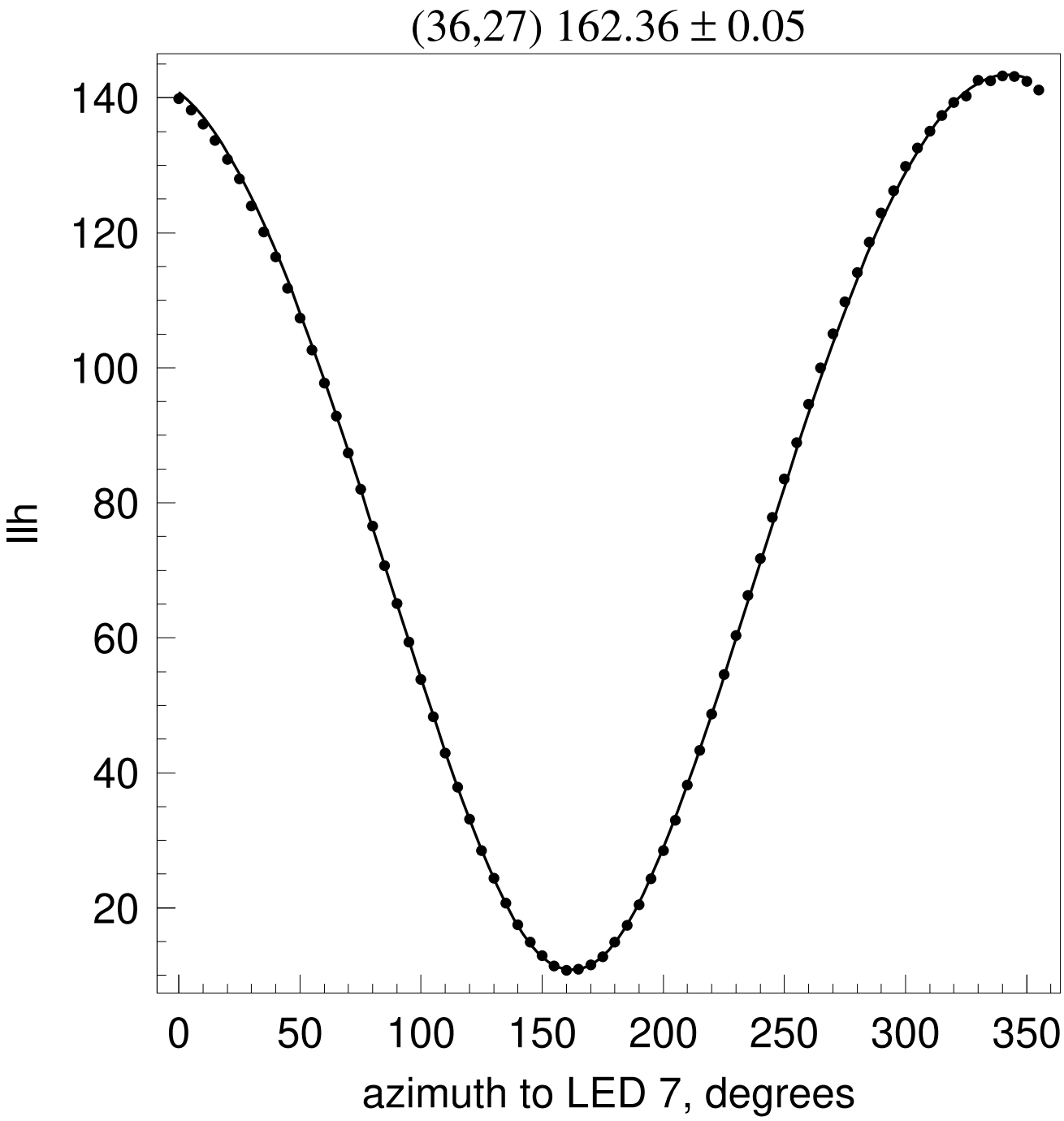

(36,22) 314.79 ± 0.19
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

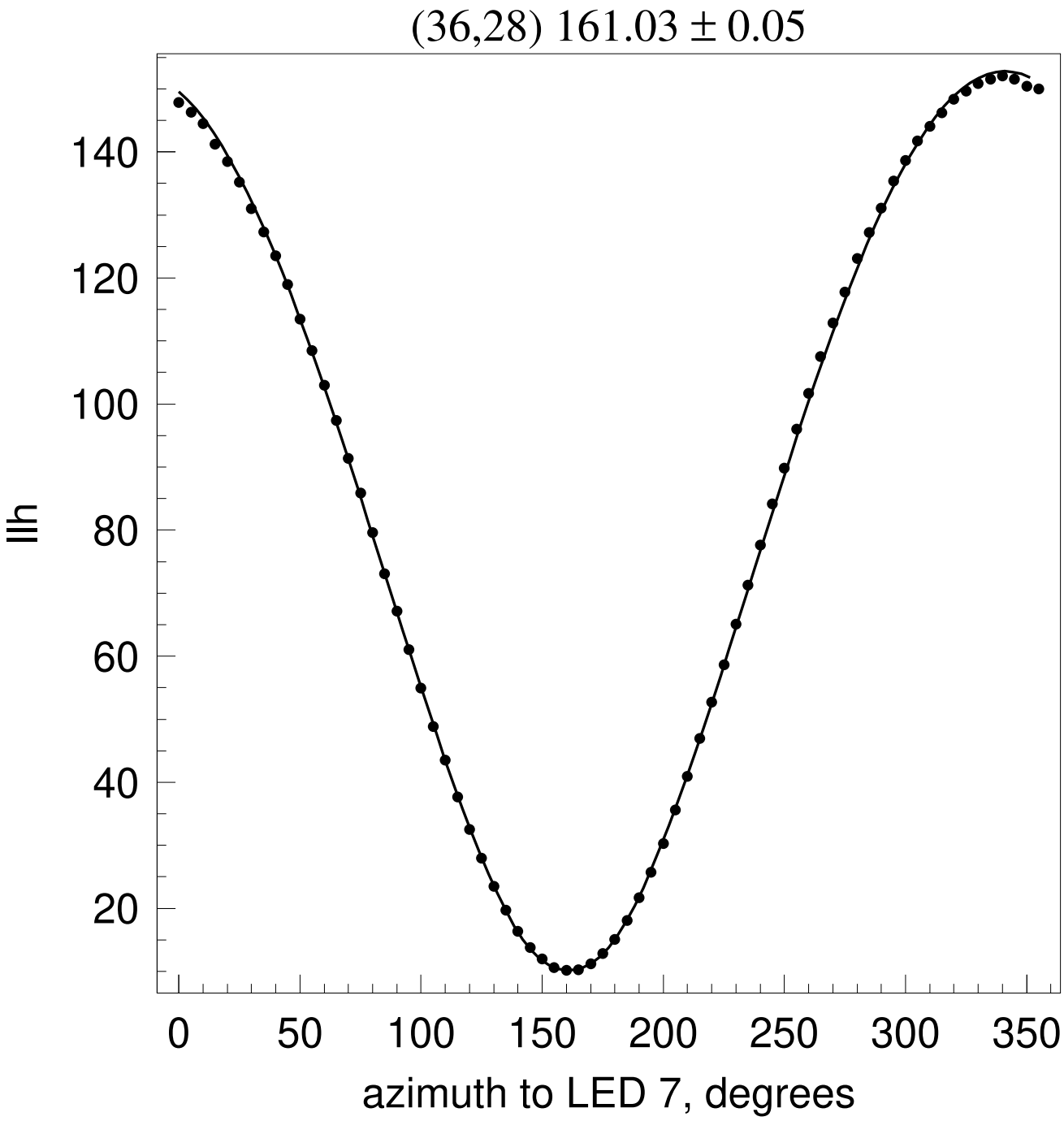

(36,23) 132.67 ± 0.15
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

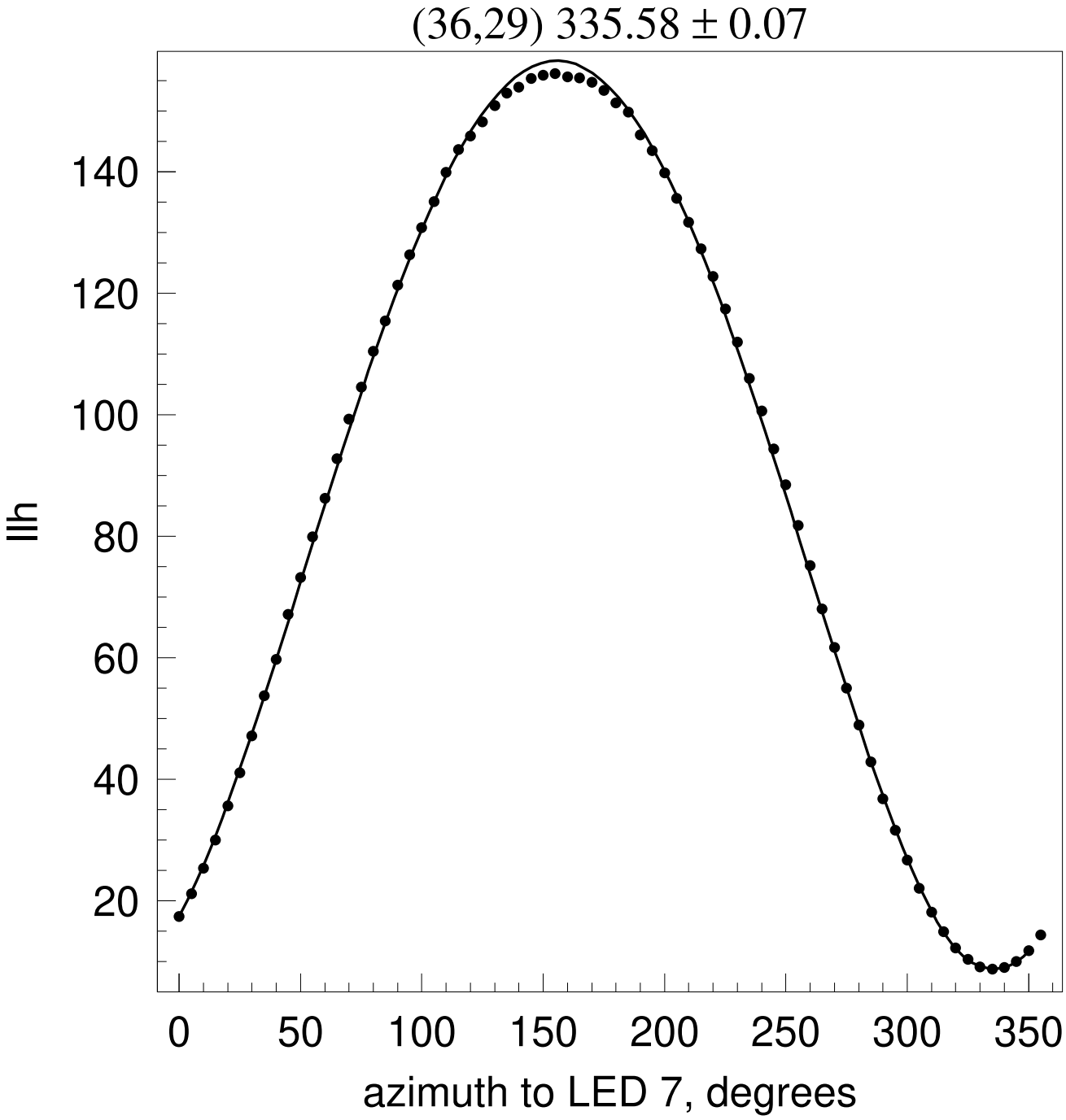

(36,24) 104.64 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

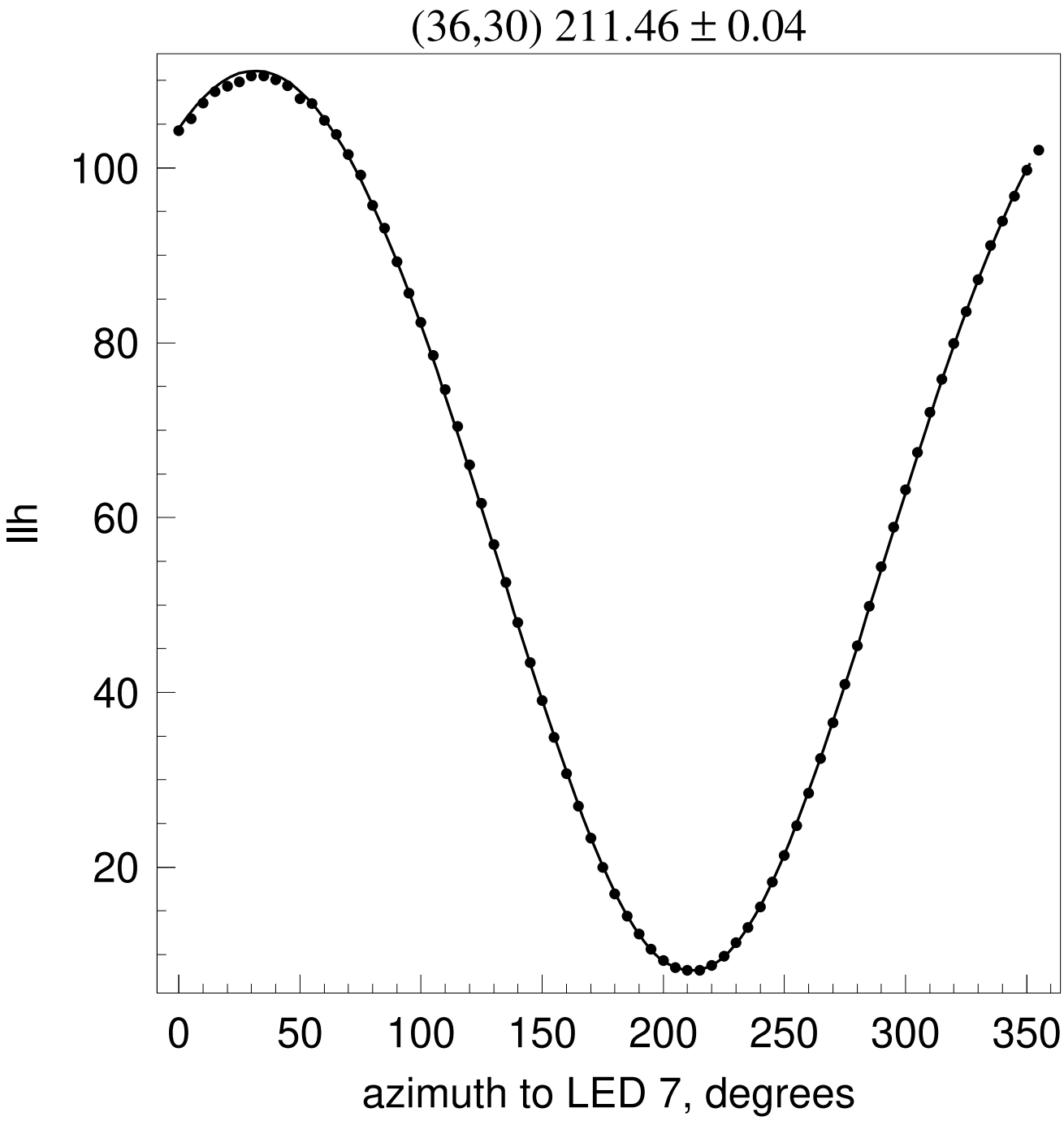

(36,25) 279.06 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

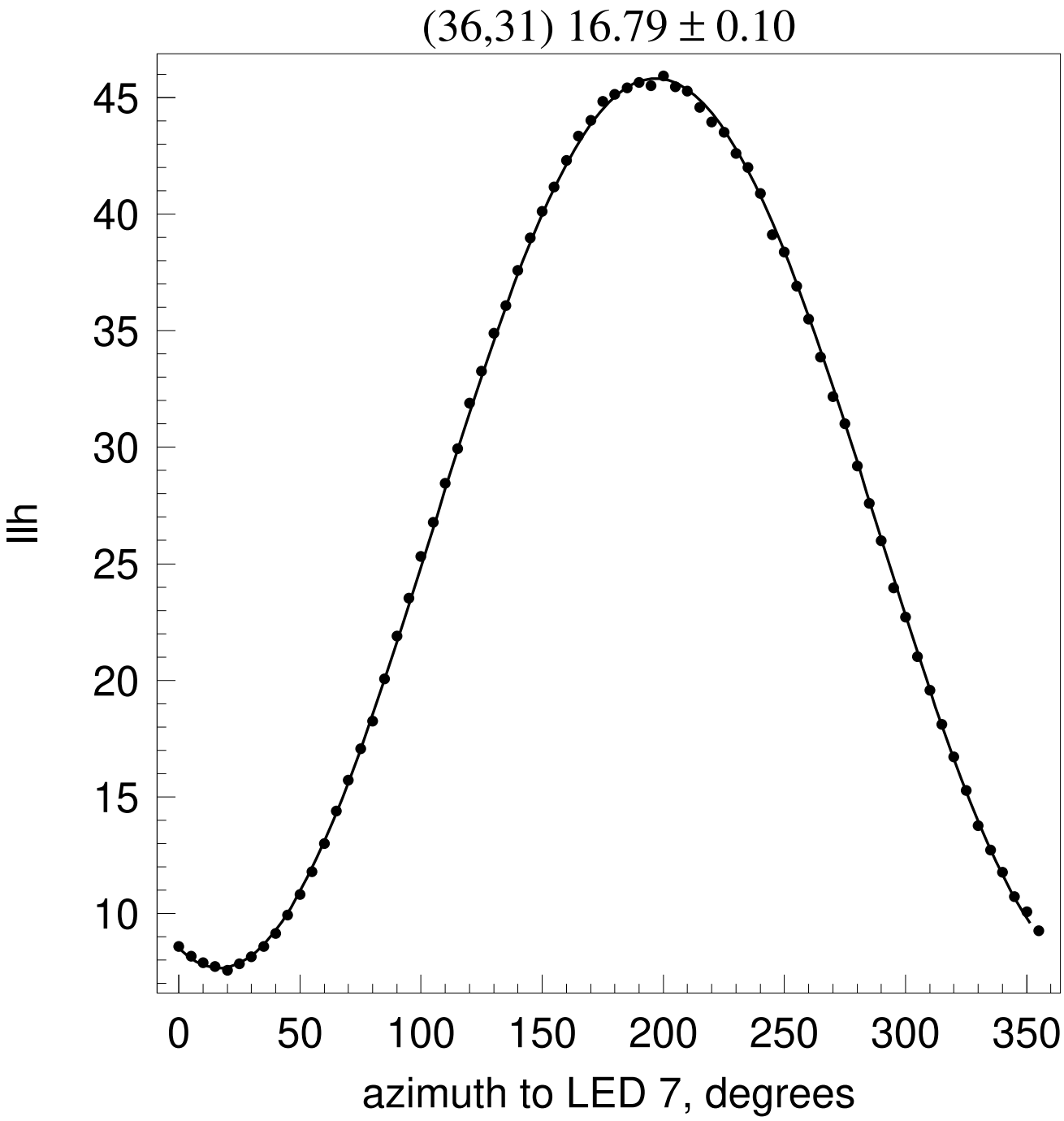

(36,26) 292.22 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

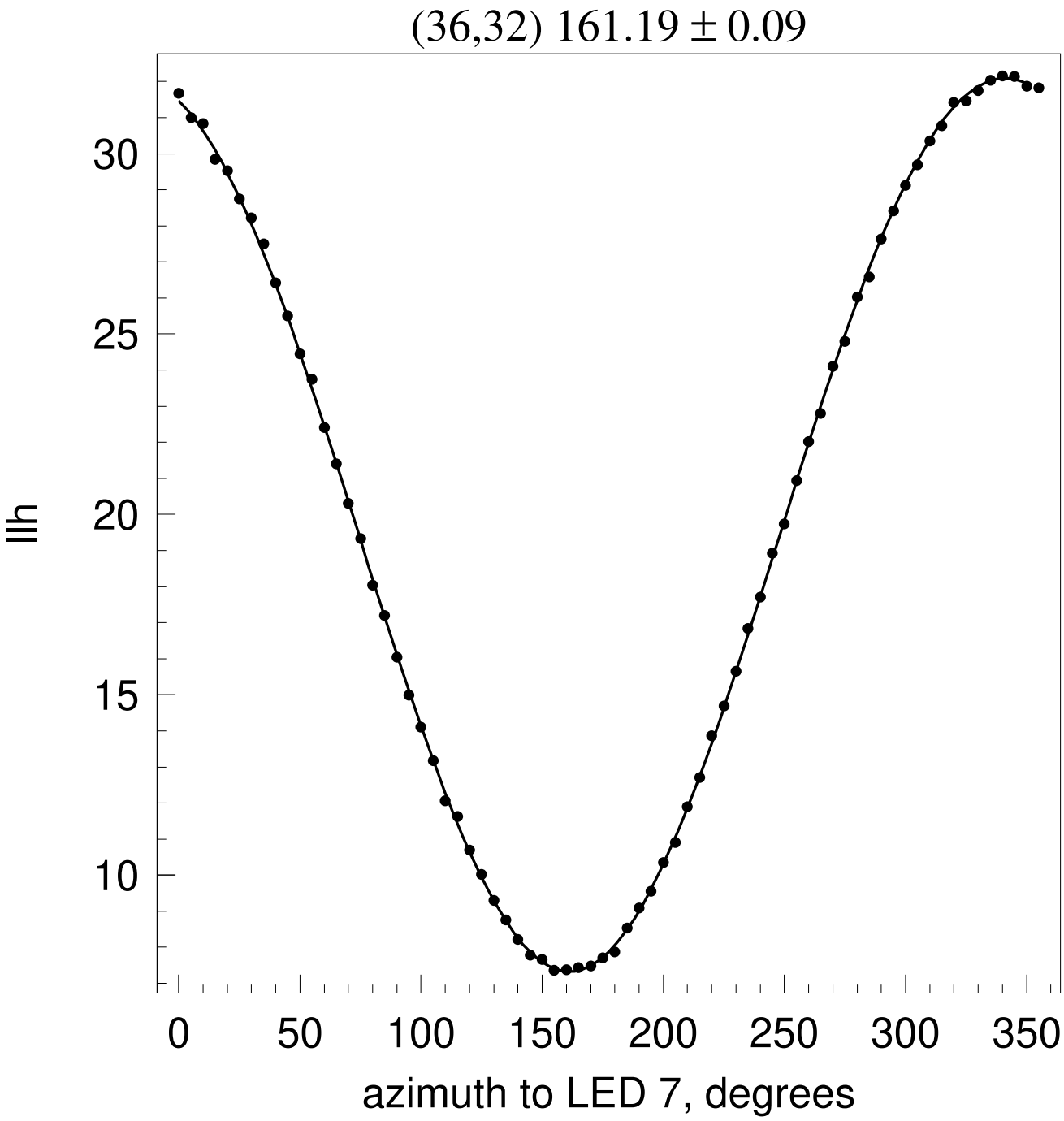

(36,27) 162.36 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

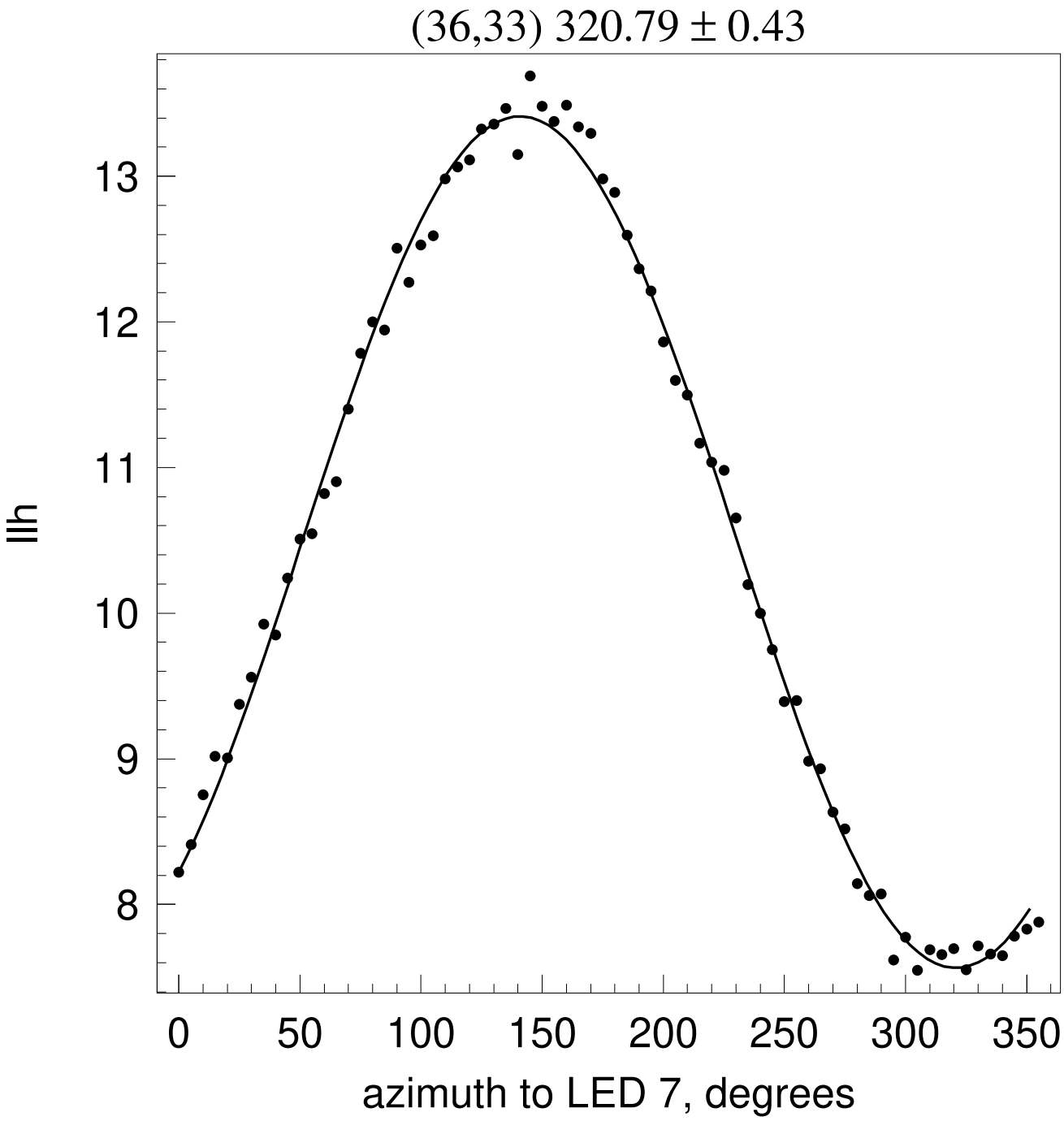

(36,28) 161.03 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

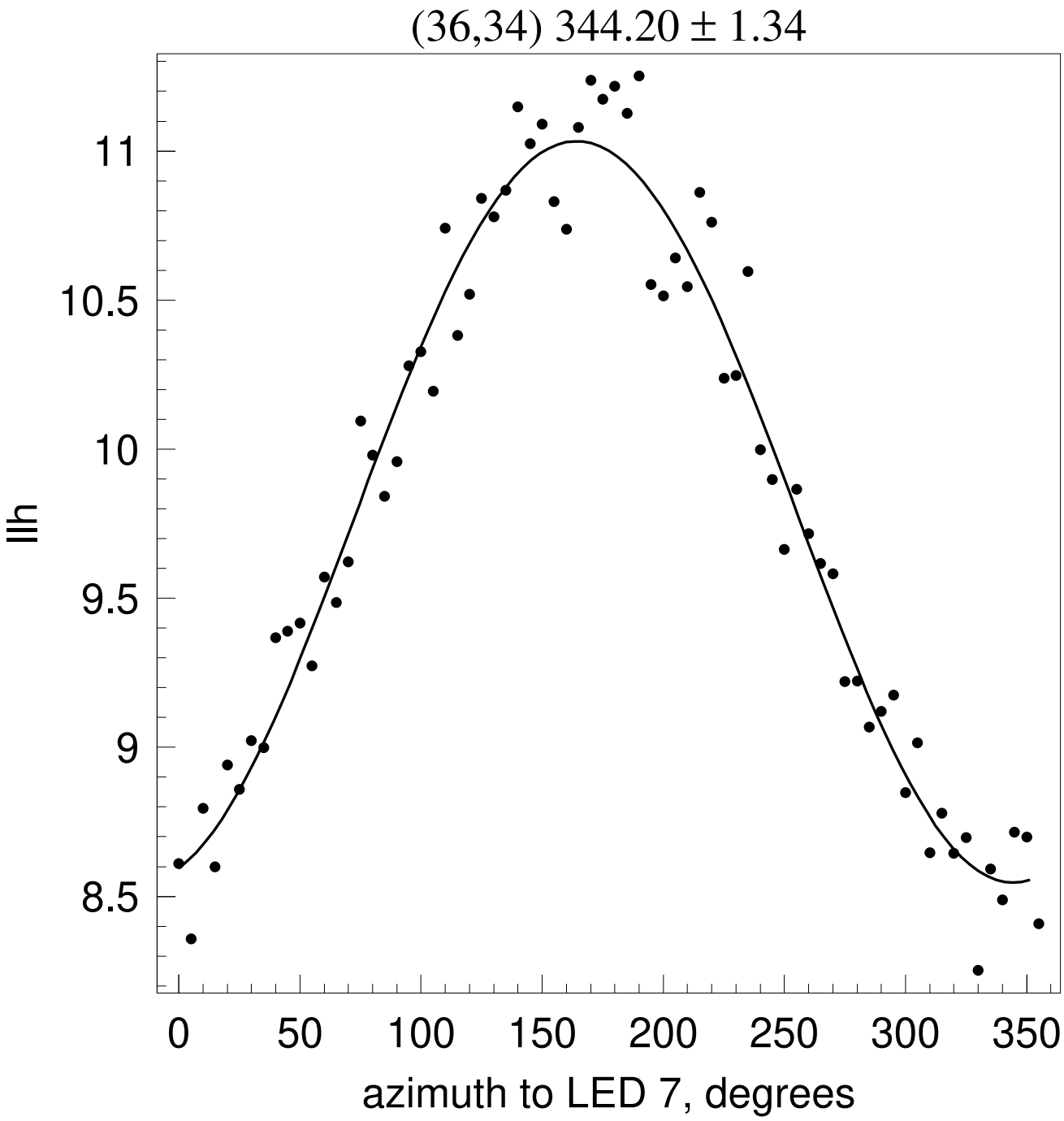

(36,29) 335.58 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

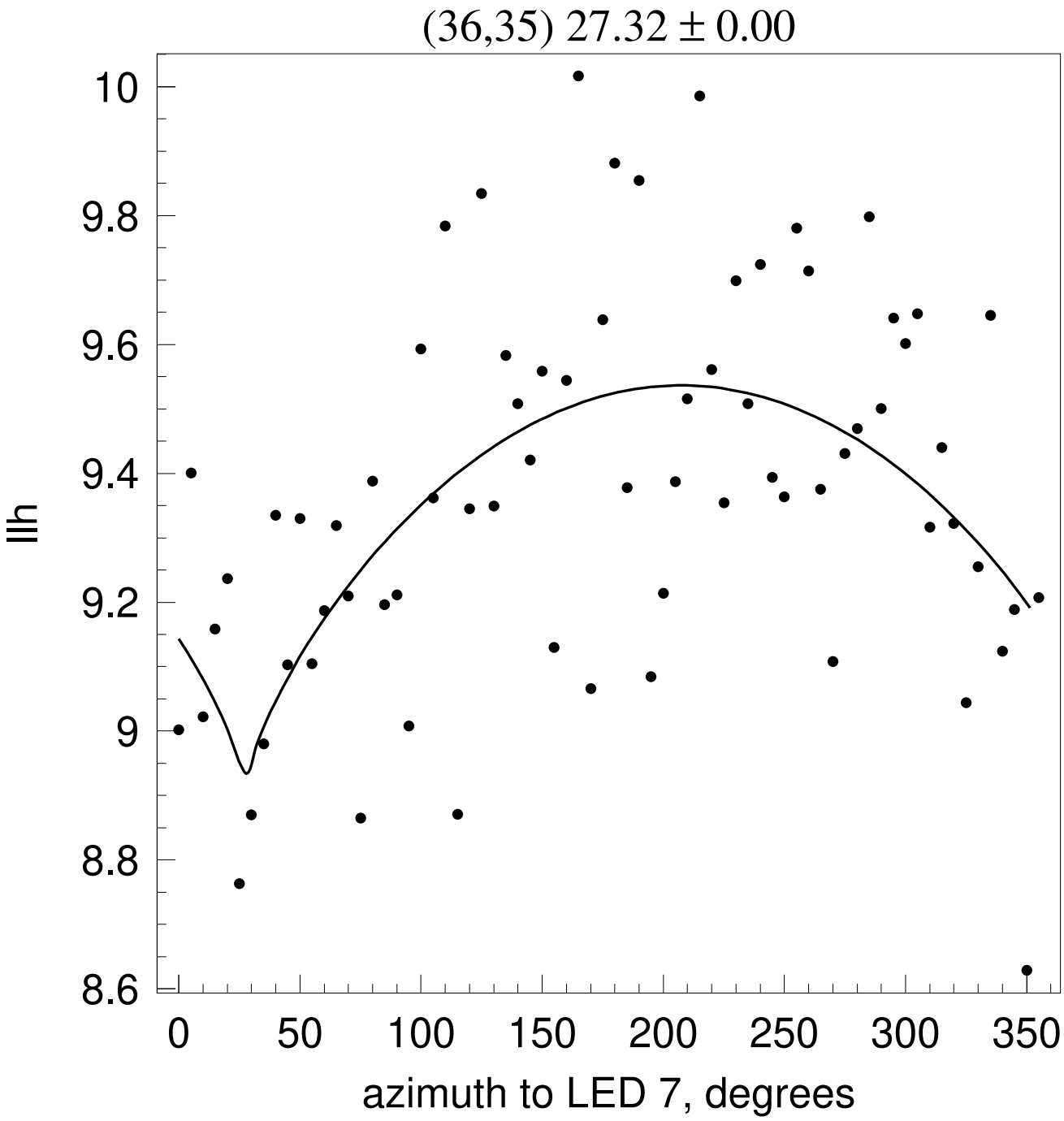

(36,30) 211.46 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

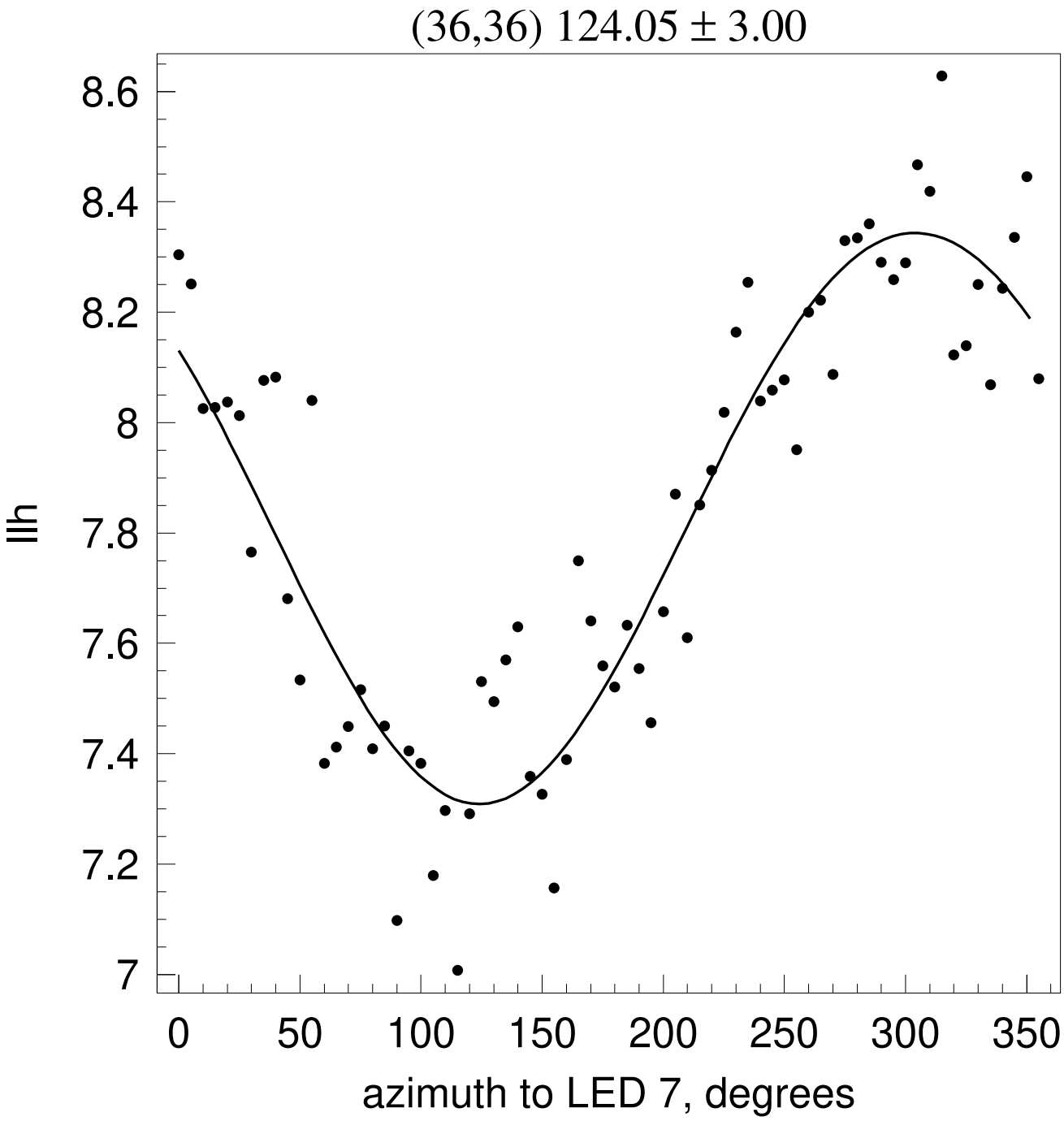

(36,31) 16.79 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

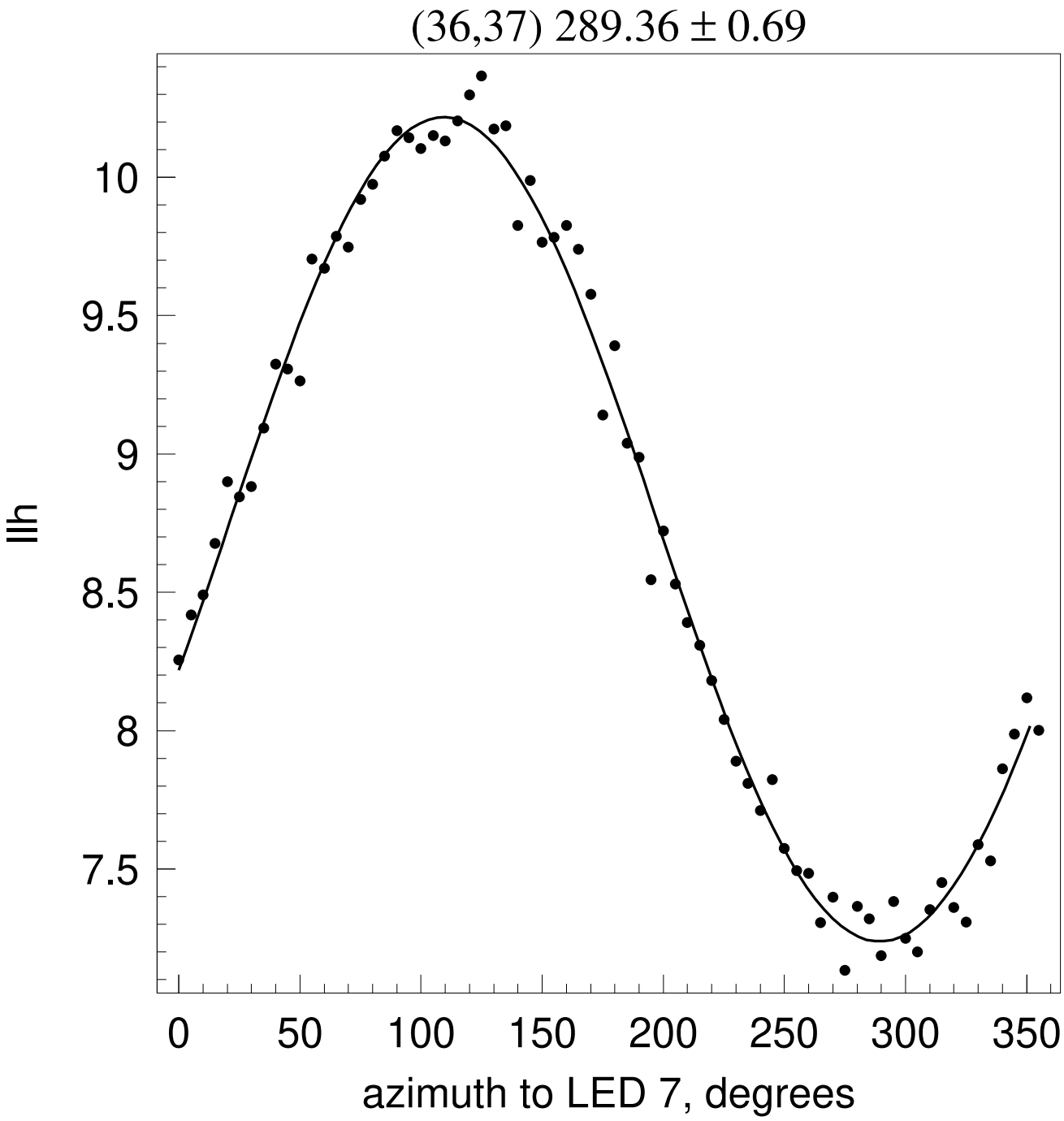

(36,32) 161.19 ± 0.09
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

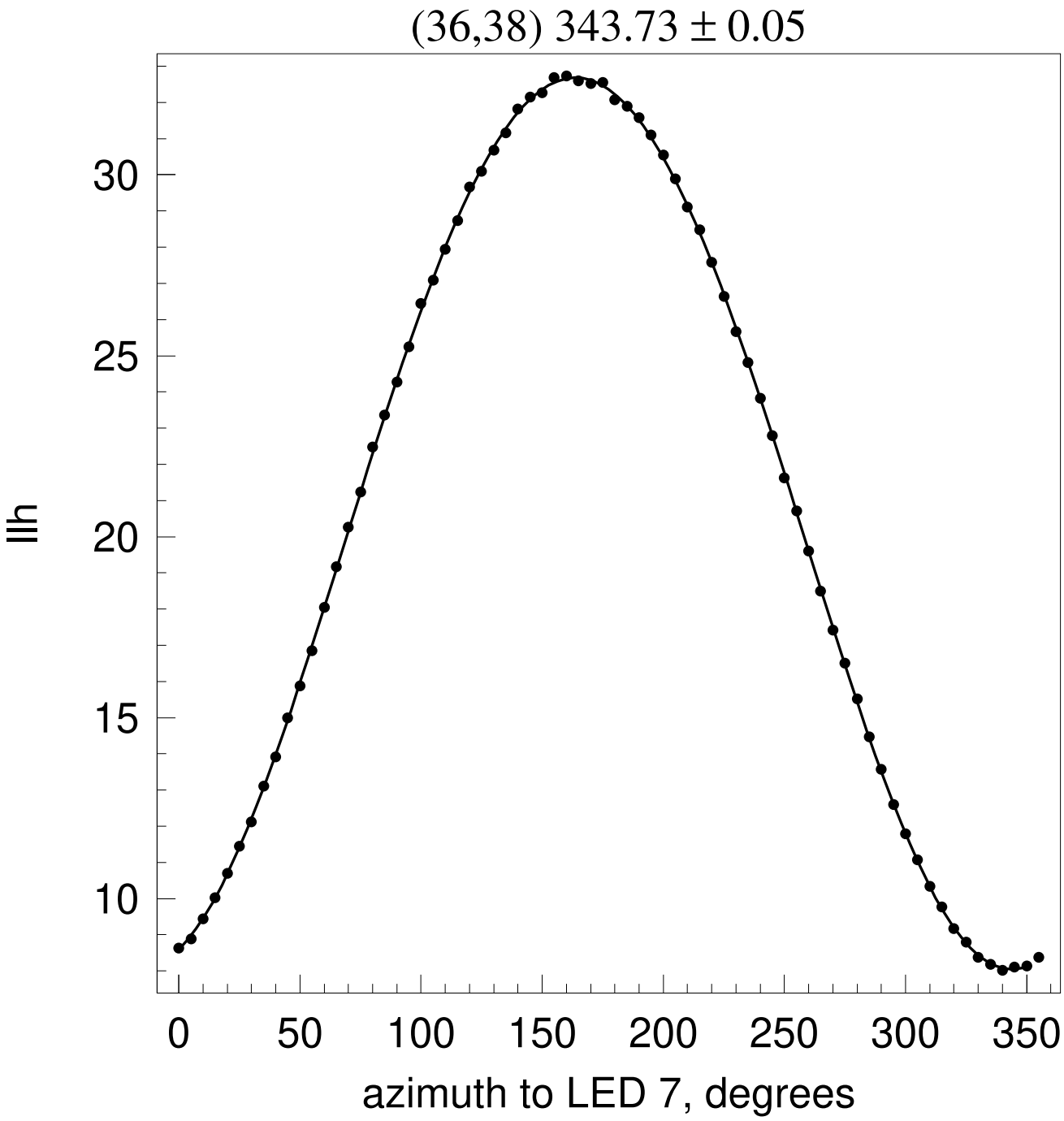

(36,33) 320.79 ± 0.43
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

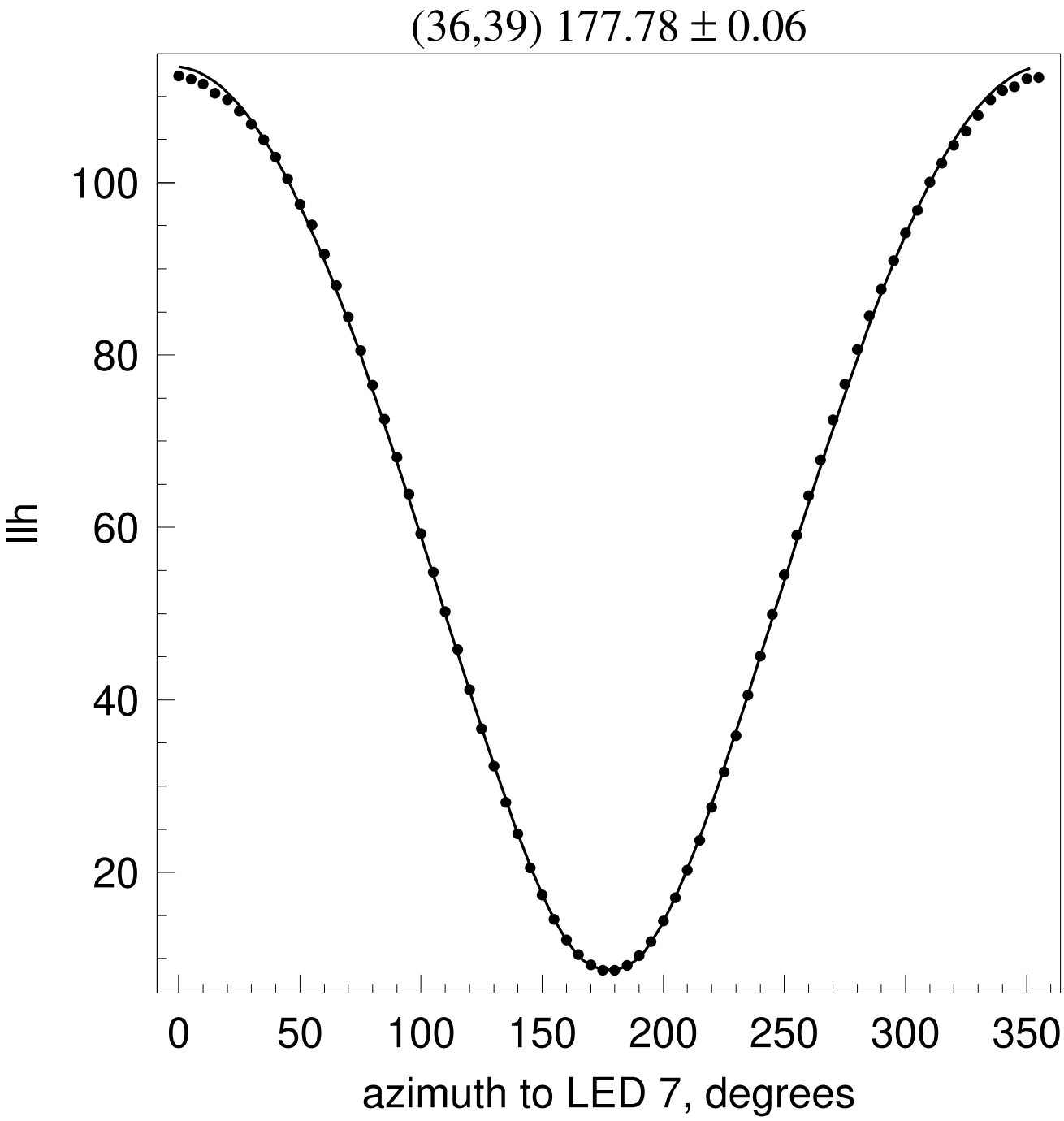

(36,34) 344.20 ± 1.34
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

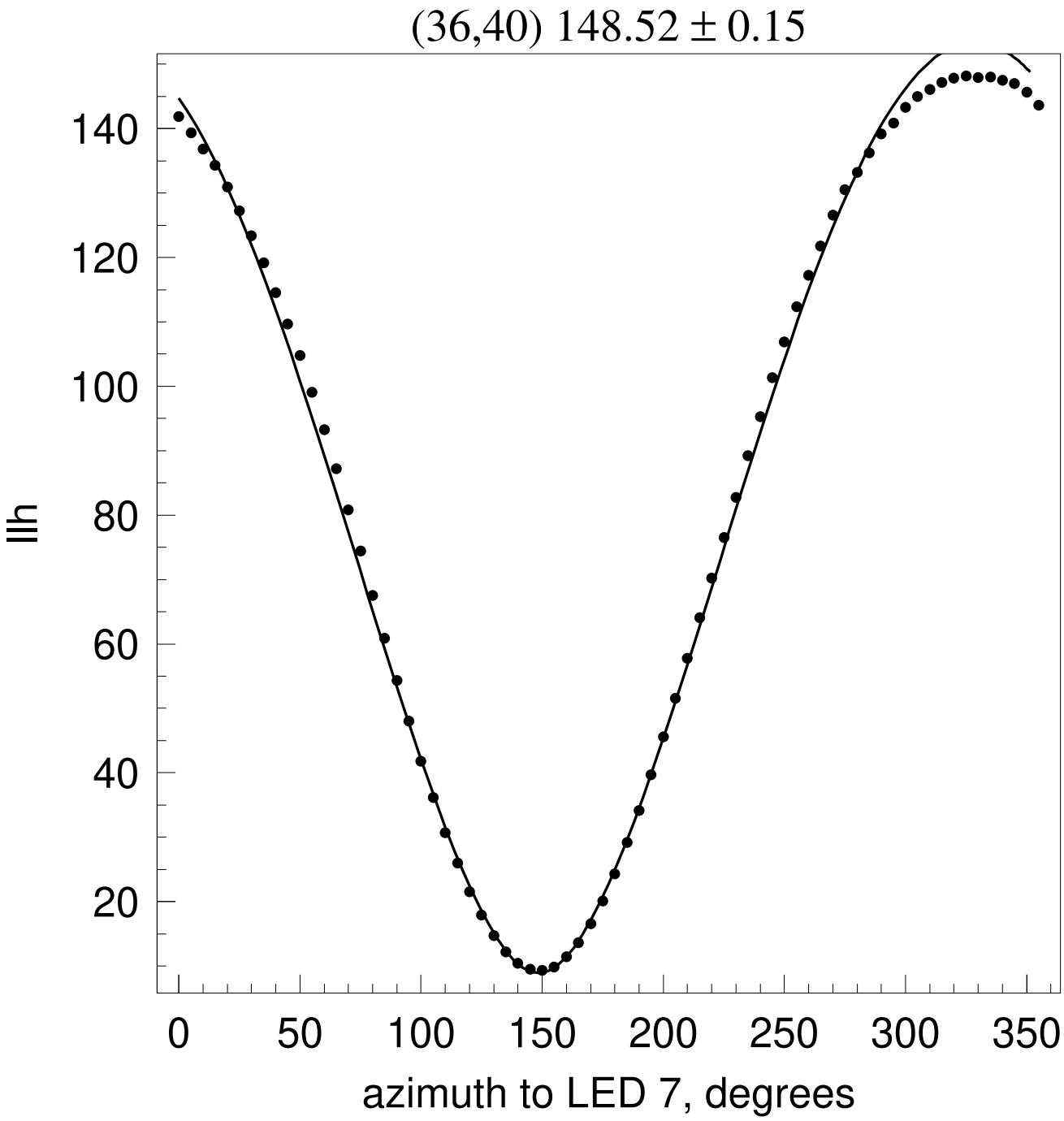

(36,35) 27.32 ± 0.00
10
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

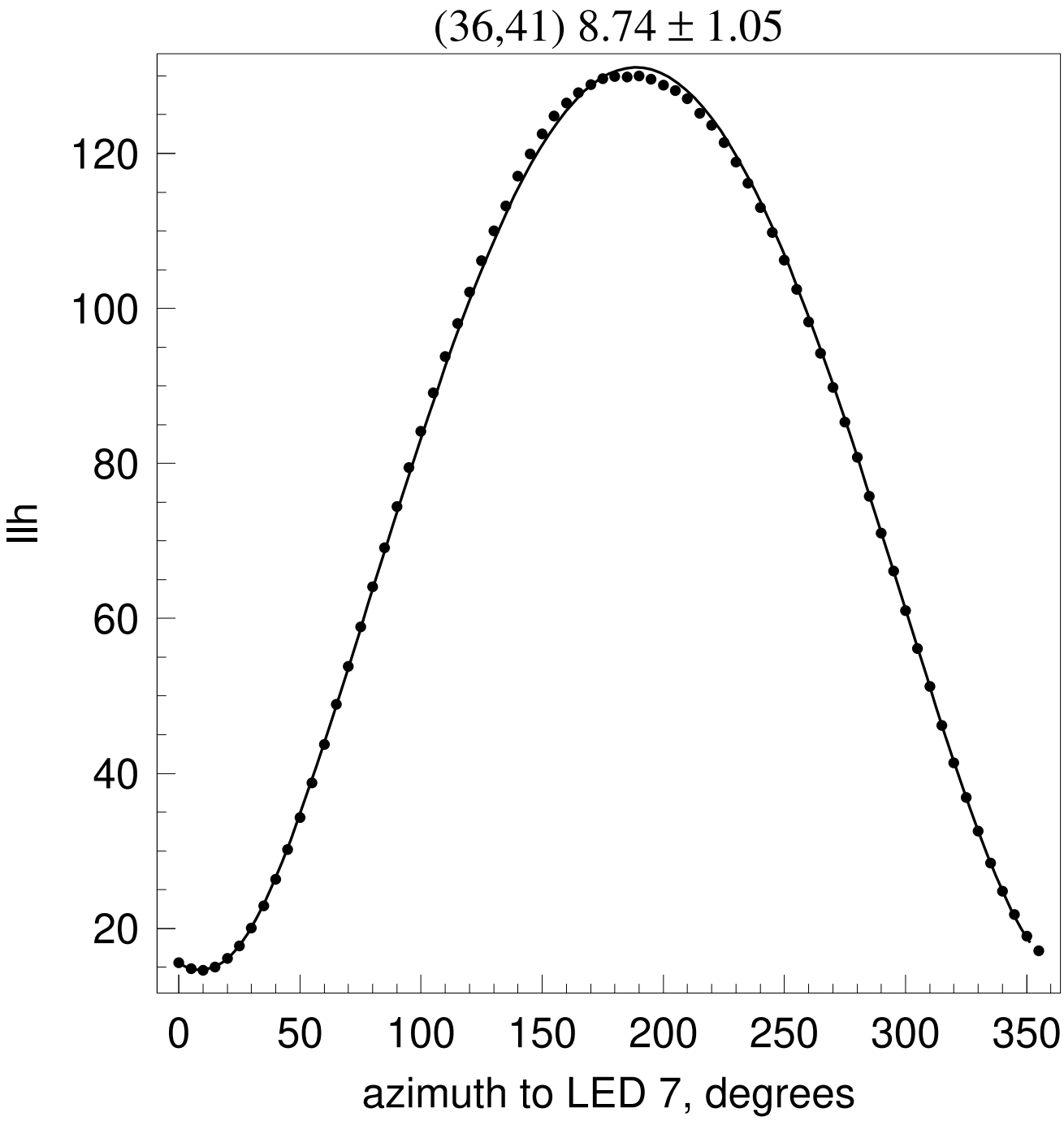

(36,36) 124.05 ± 3.00
8.6
8.4
8.2
8
7.8
7.6
7.4
7.2
7
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

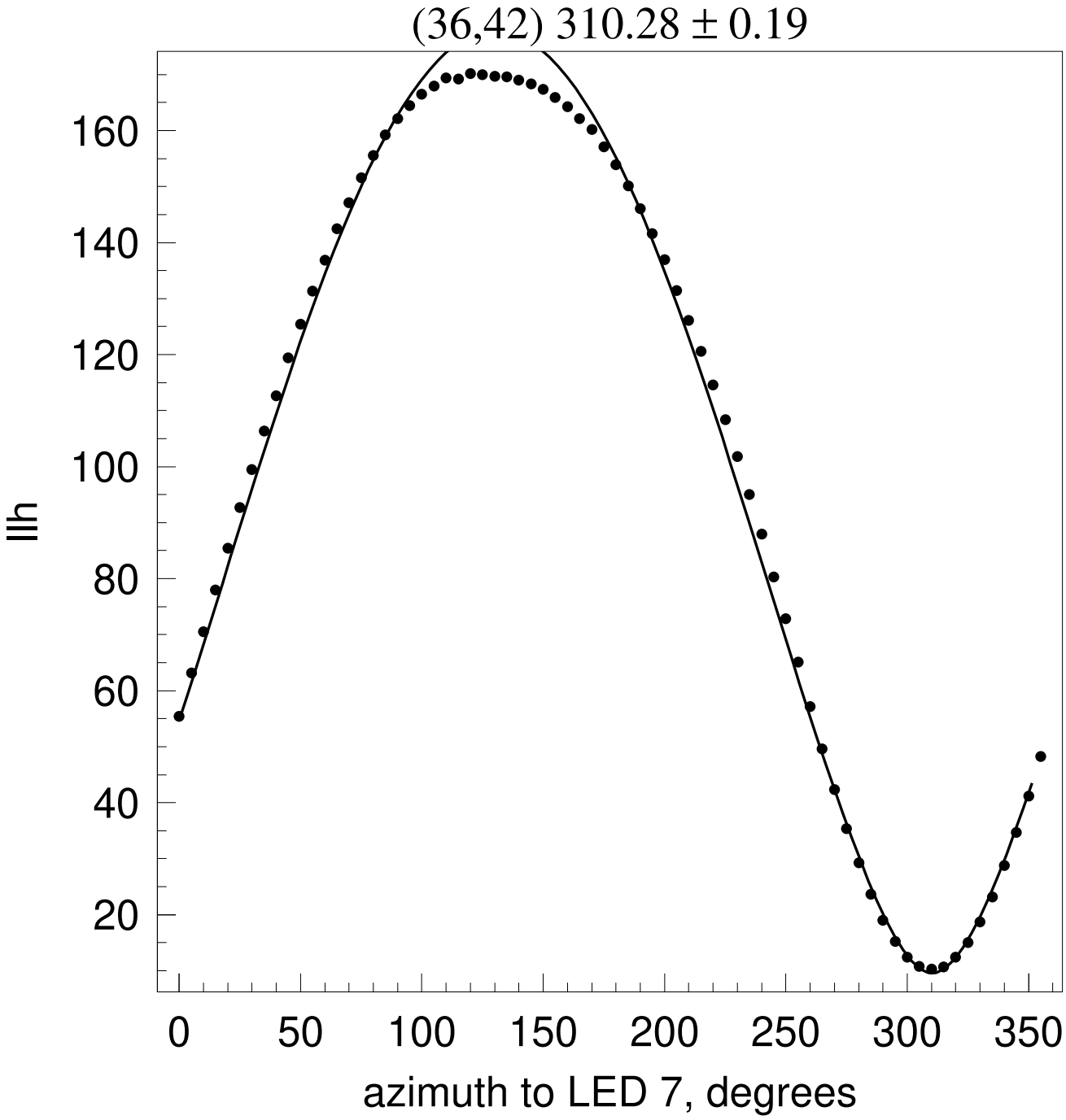

(36,37) 289.36 ± 0.69
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

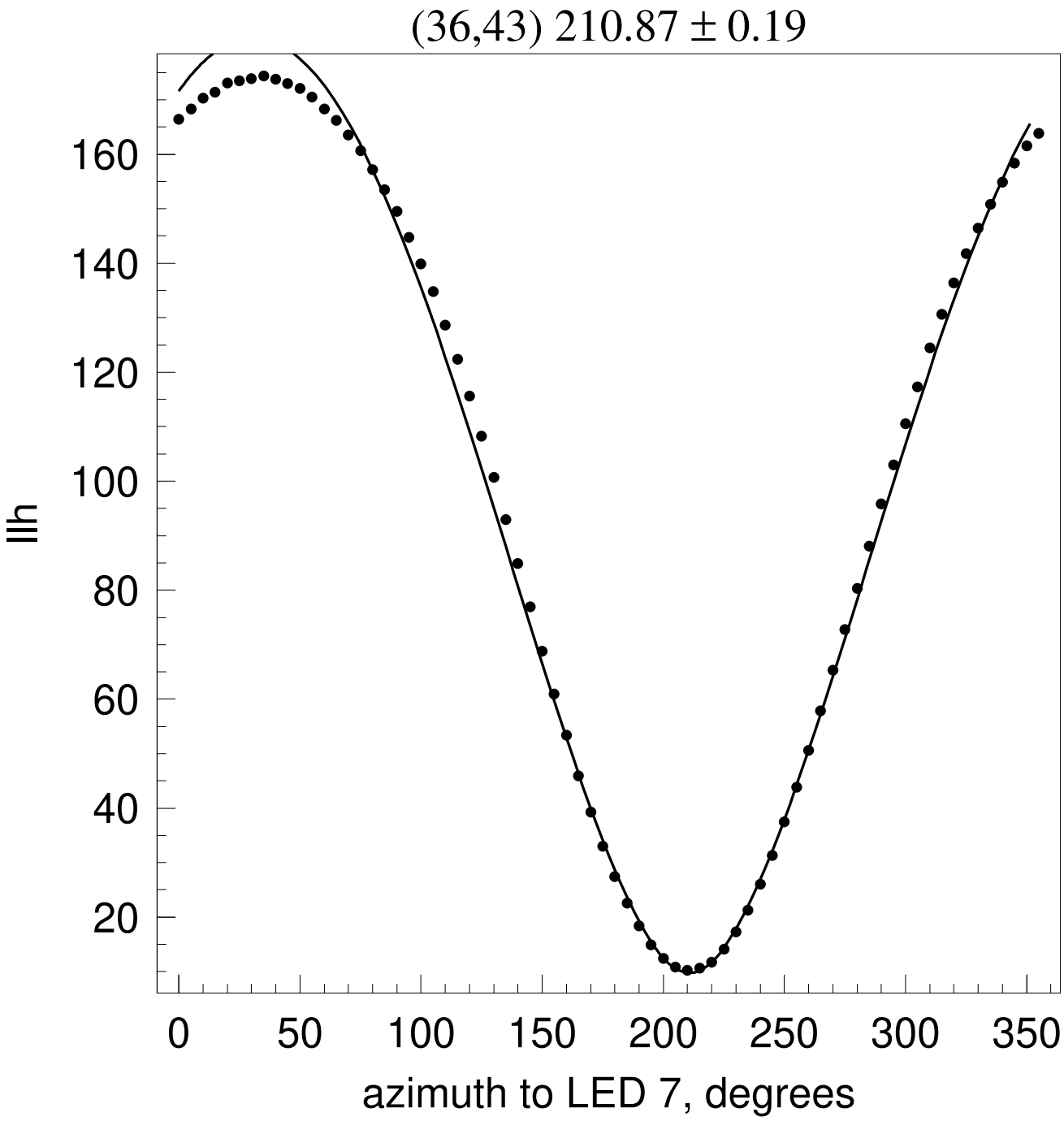

(36,38) 343.73 ± 0.05
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

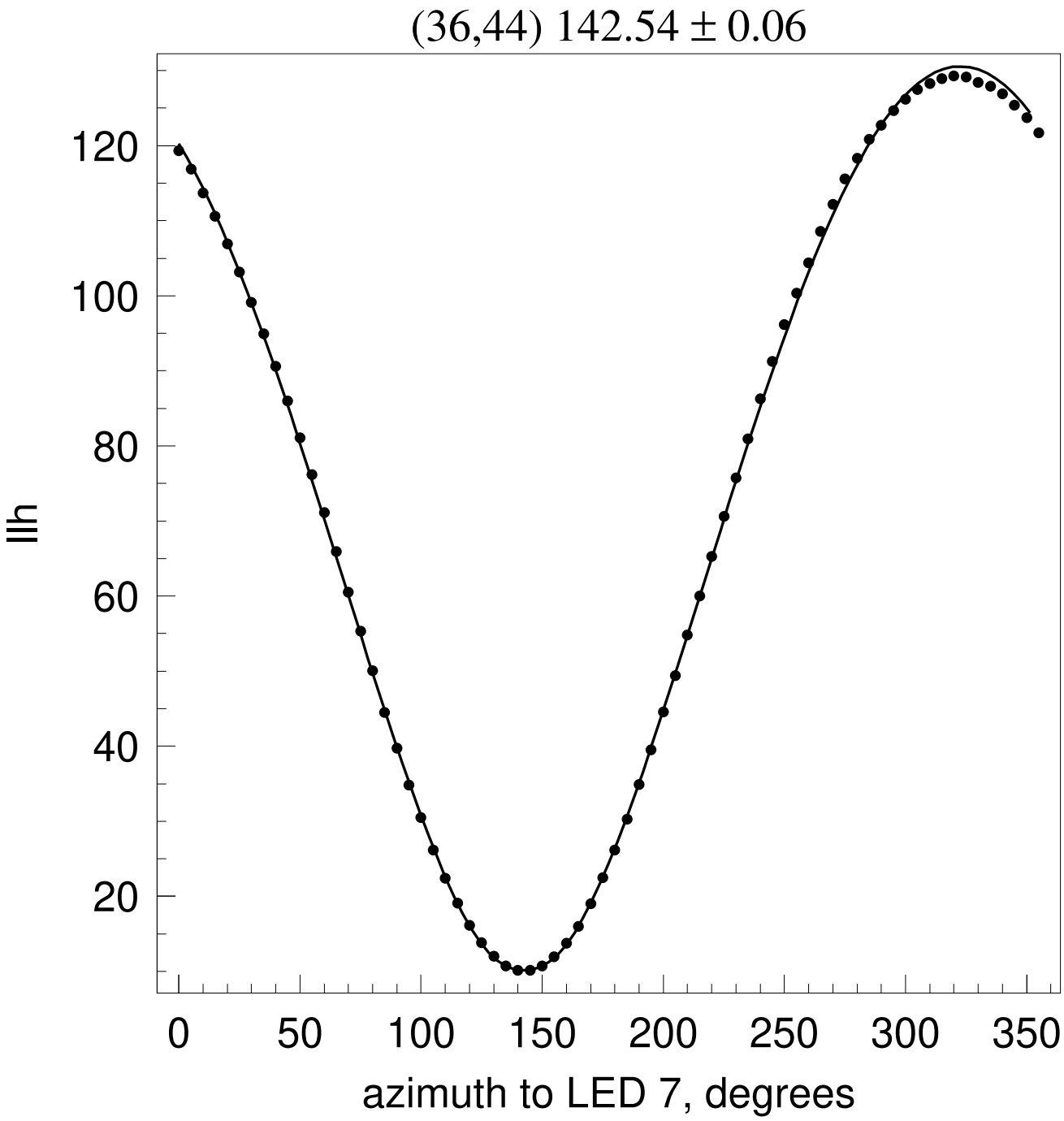

(36,39) 177.78 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

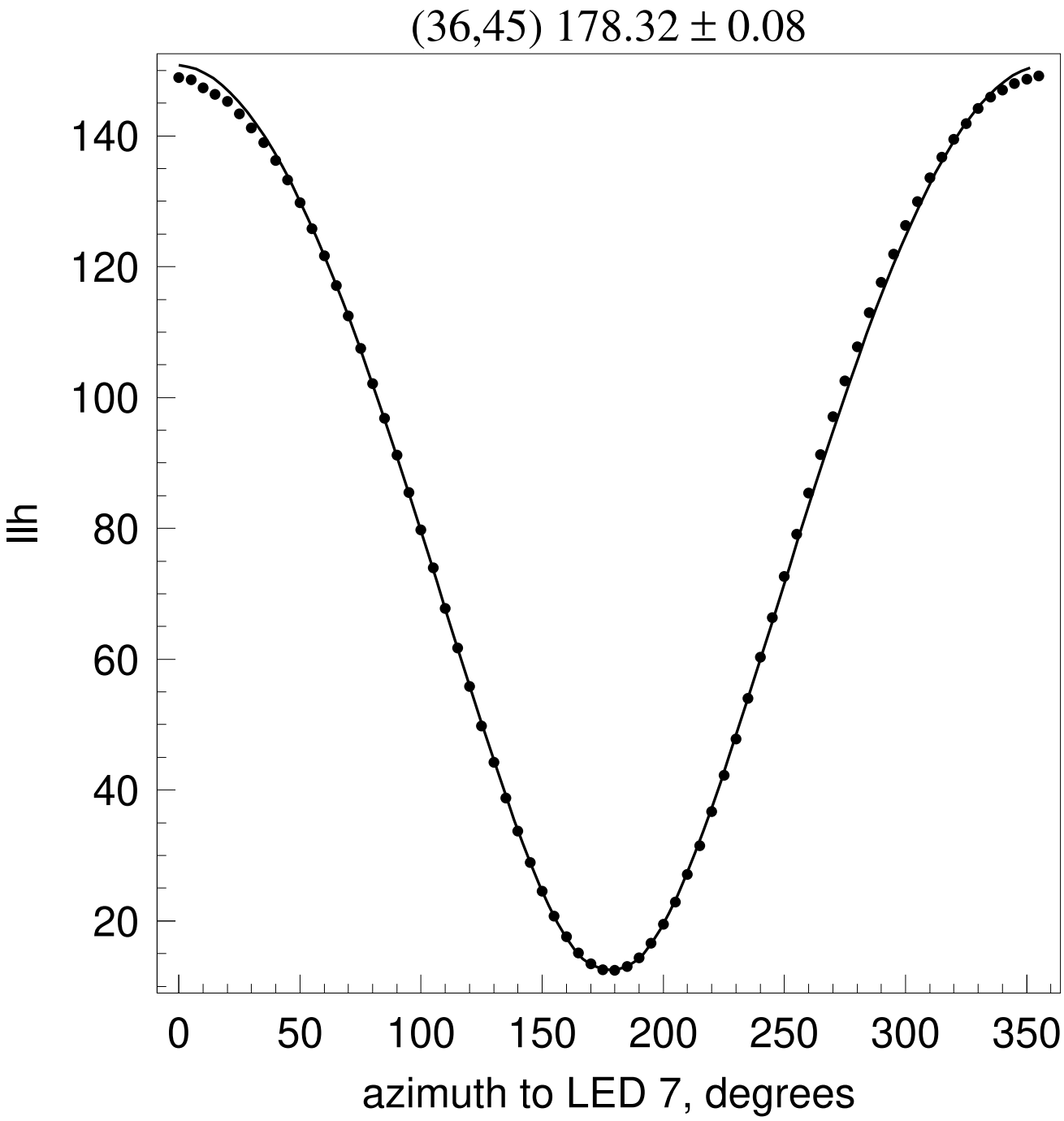

(36,40) 148.52 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

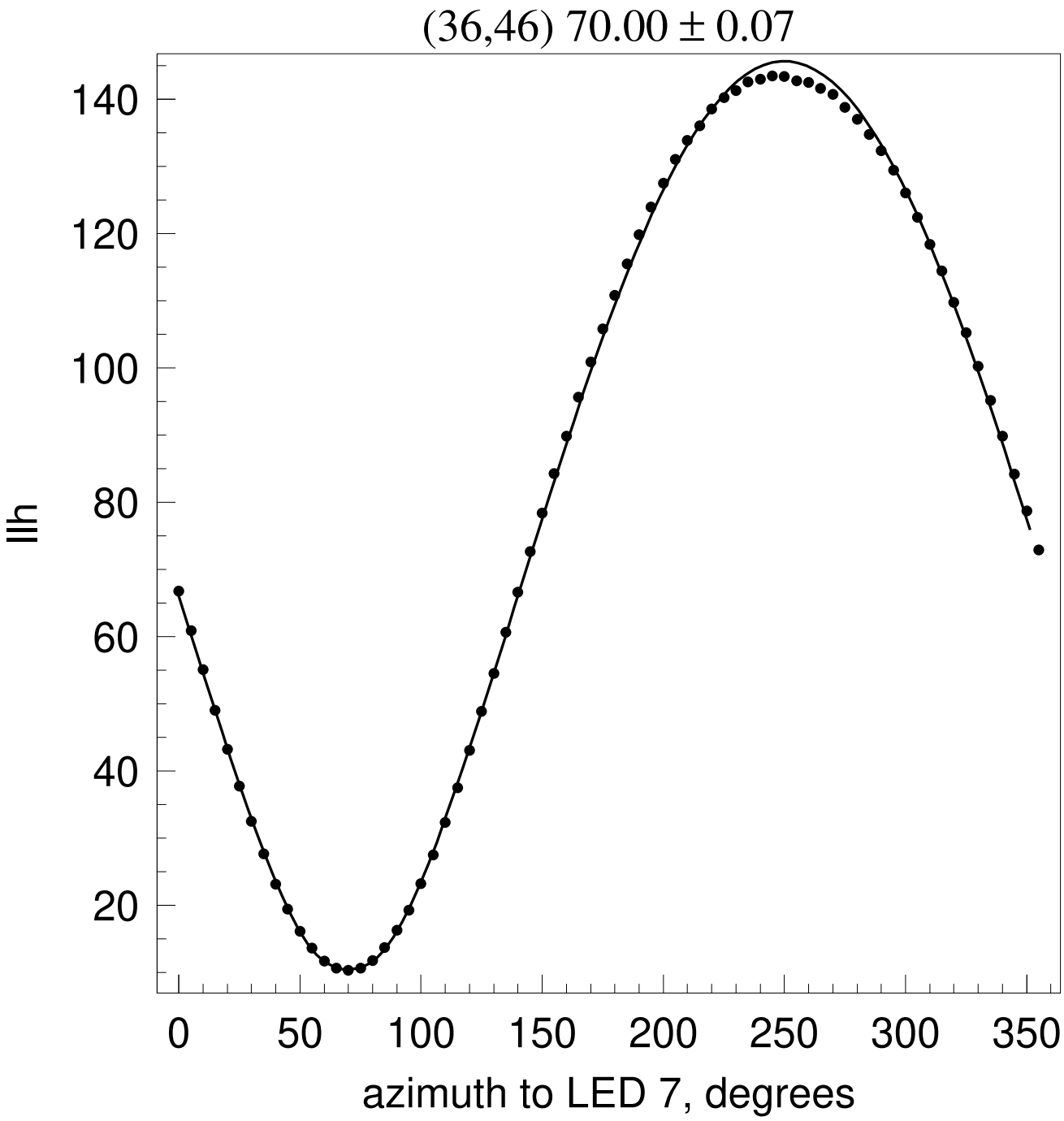

(36,41) 8.74 ± 1.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

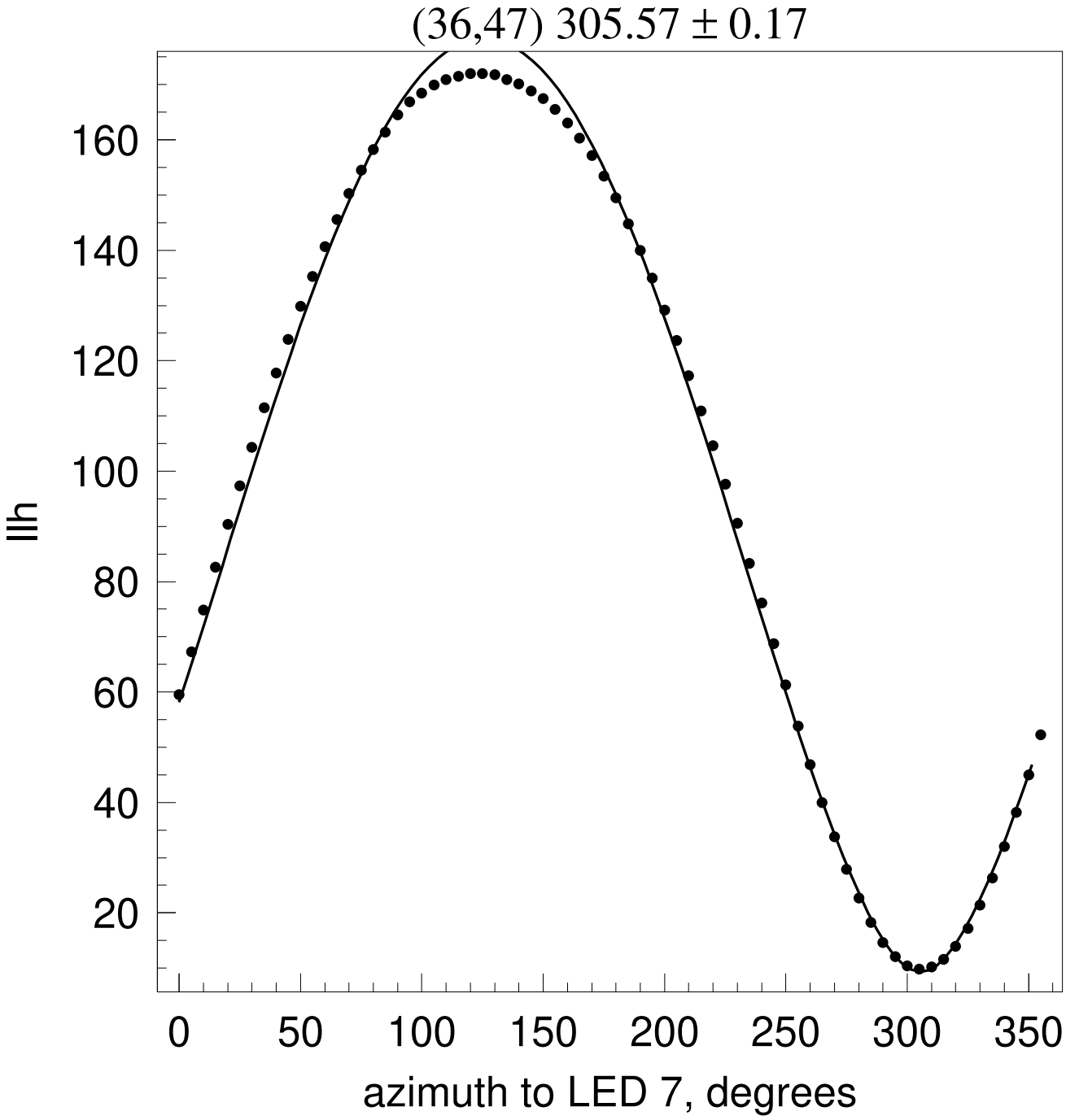

(36,42) 310.28 ± 0.19
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

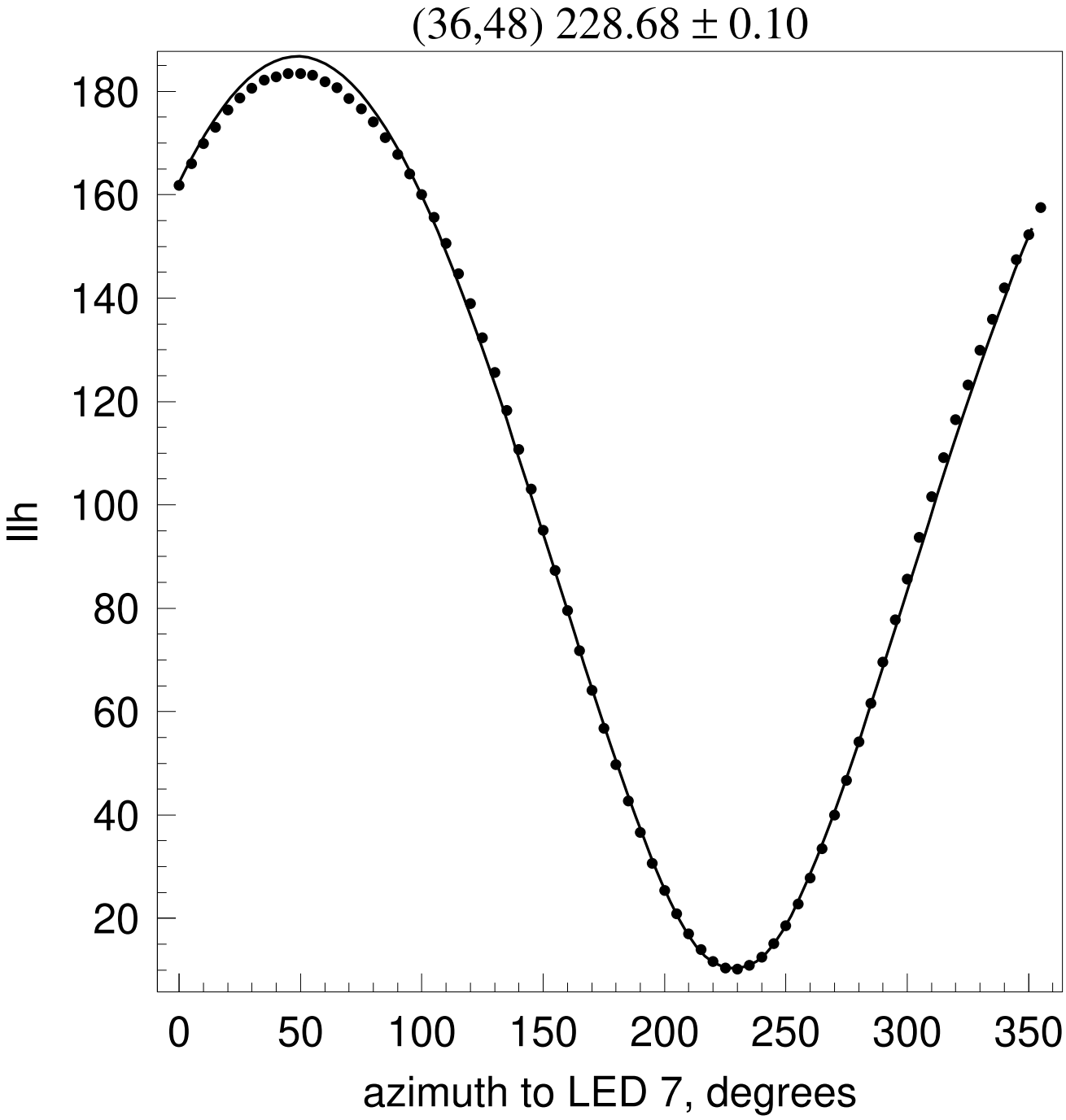

(36,43) 210.87 ± 0.19
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

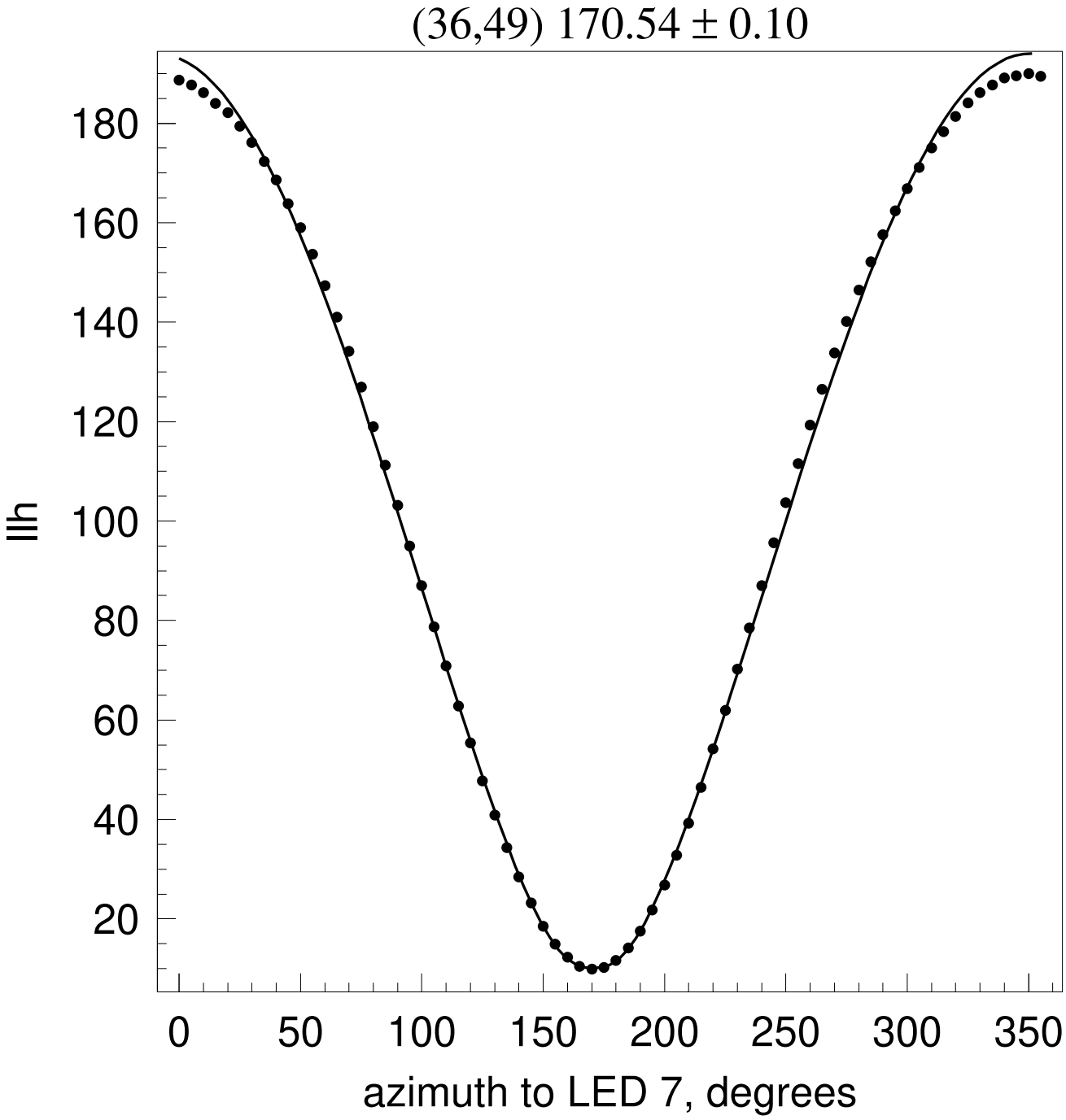

(36,44) 142.54 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

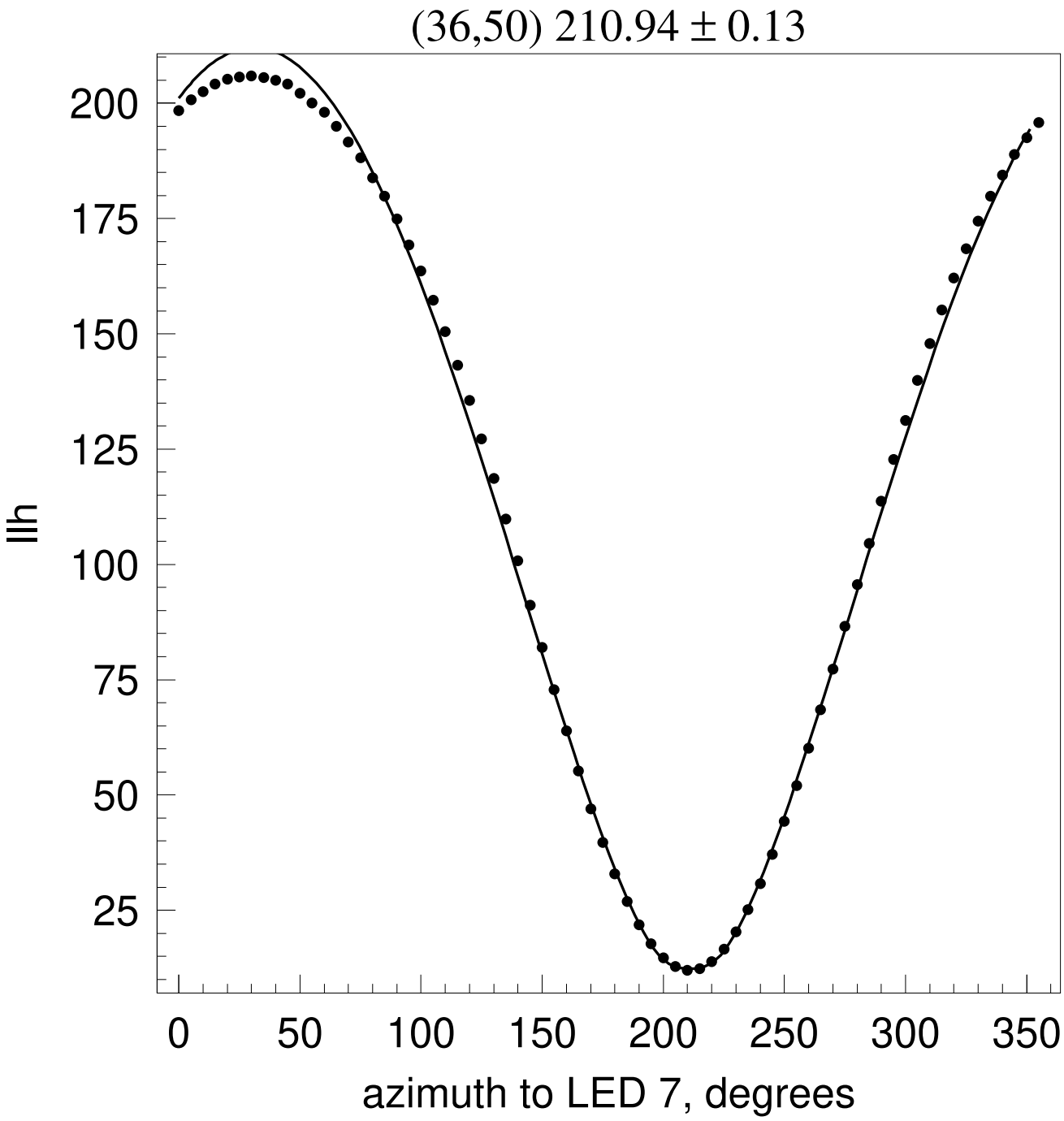

(36,45) 178.32 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

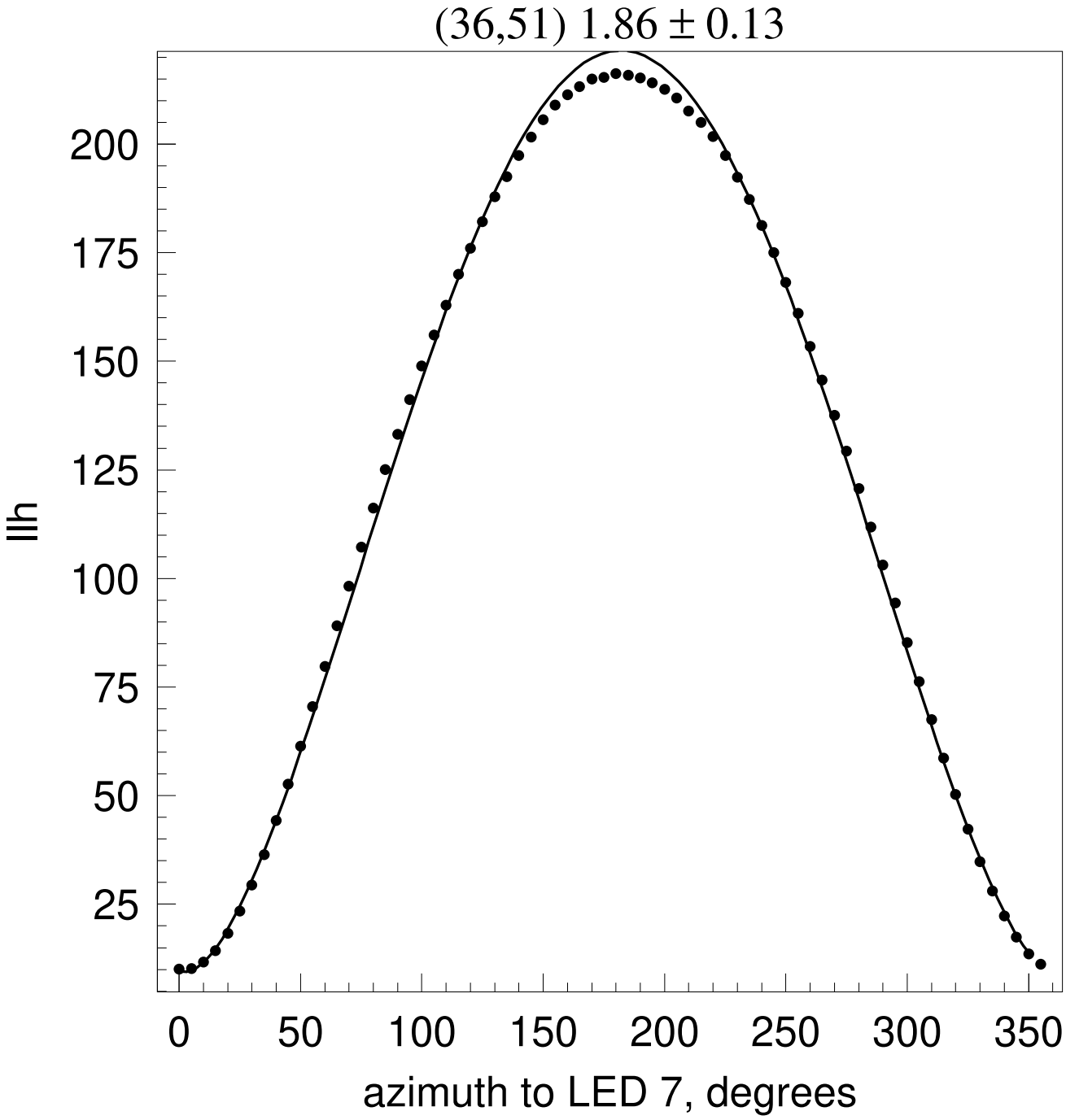

(36,46) 70.00 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

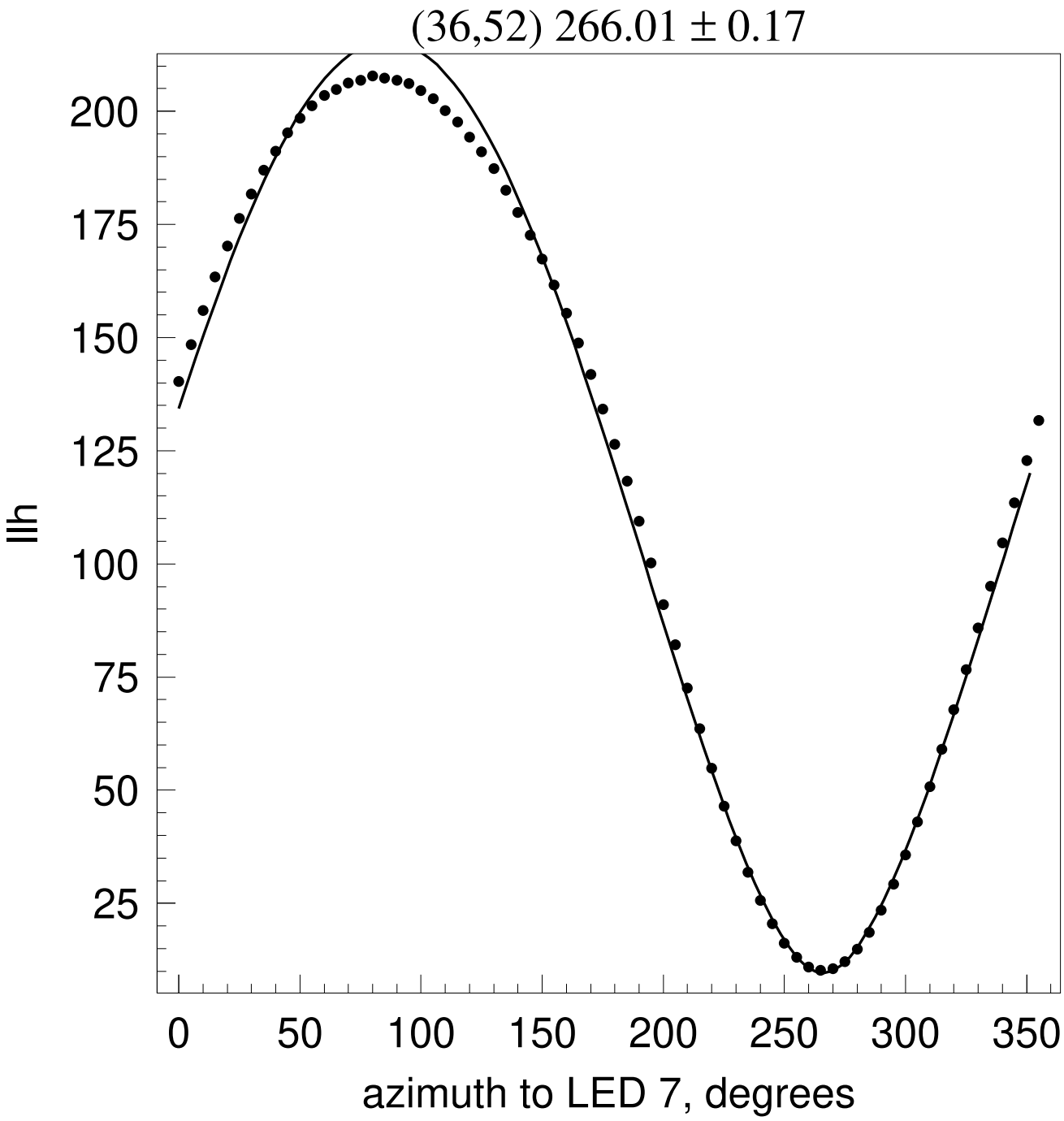

(36,47) 305.57 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

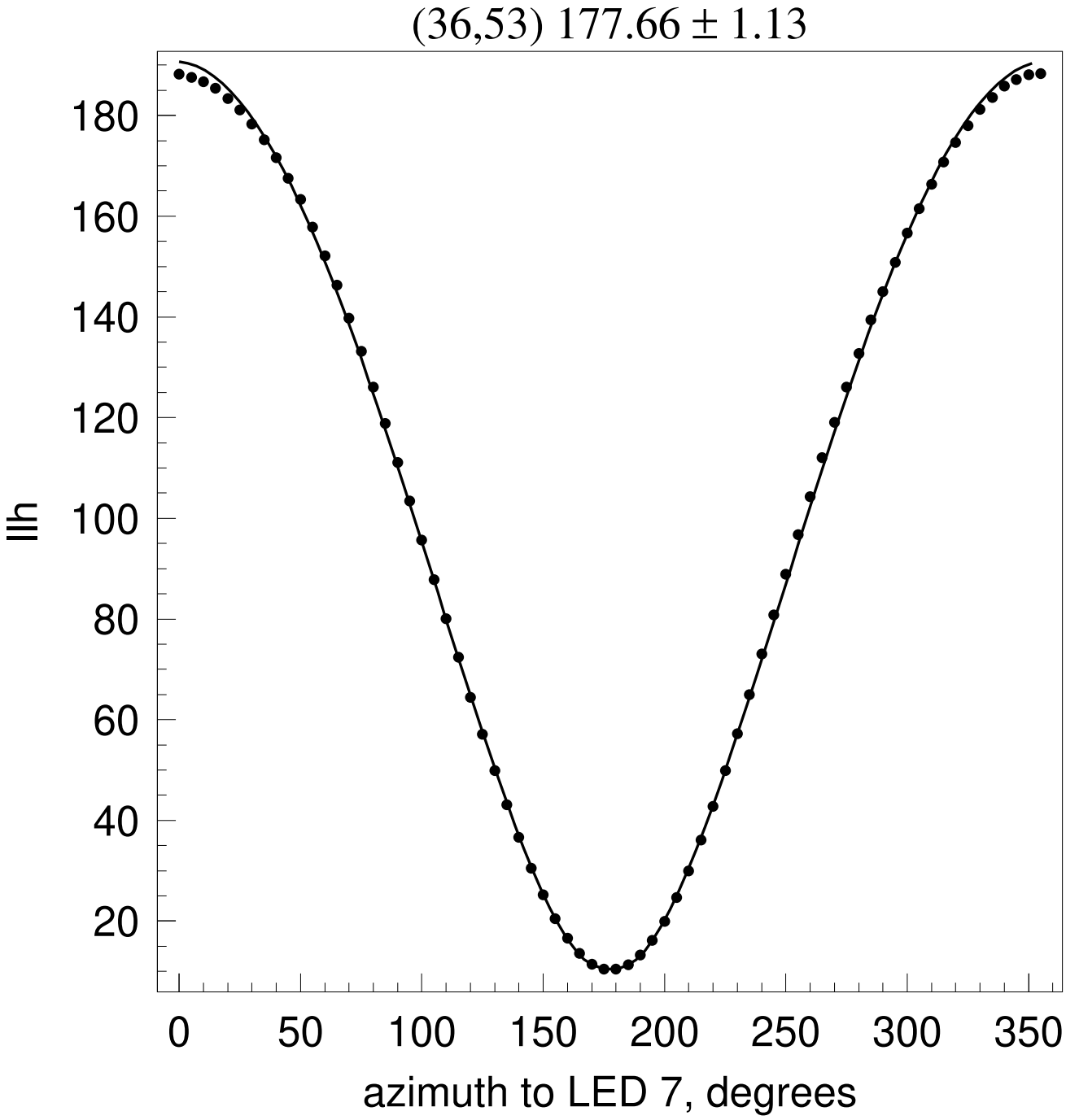

(36,48) 228.68 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

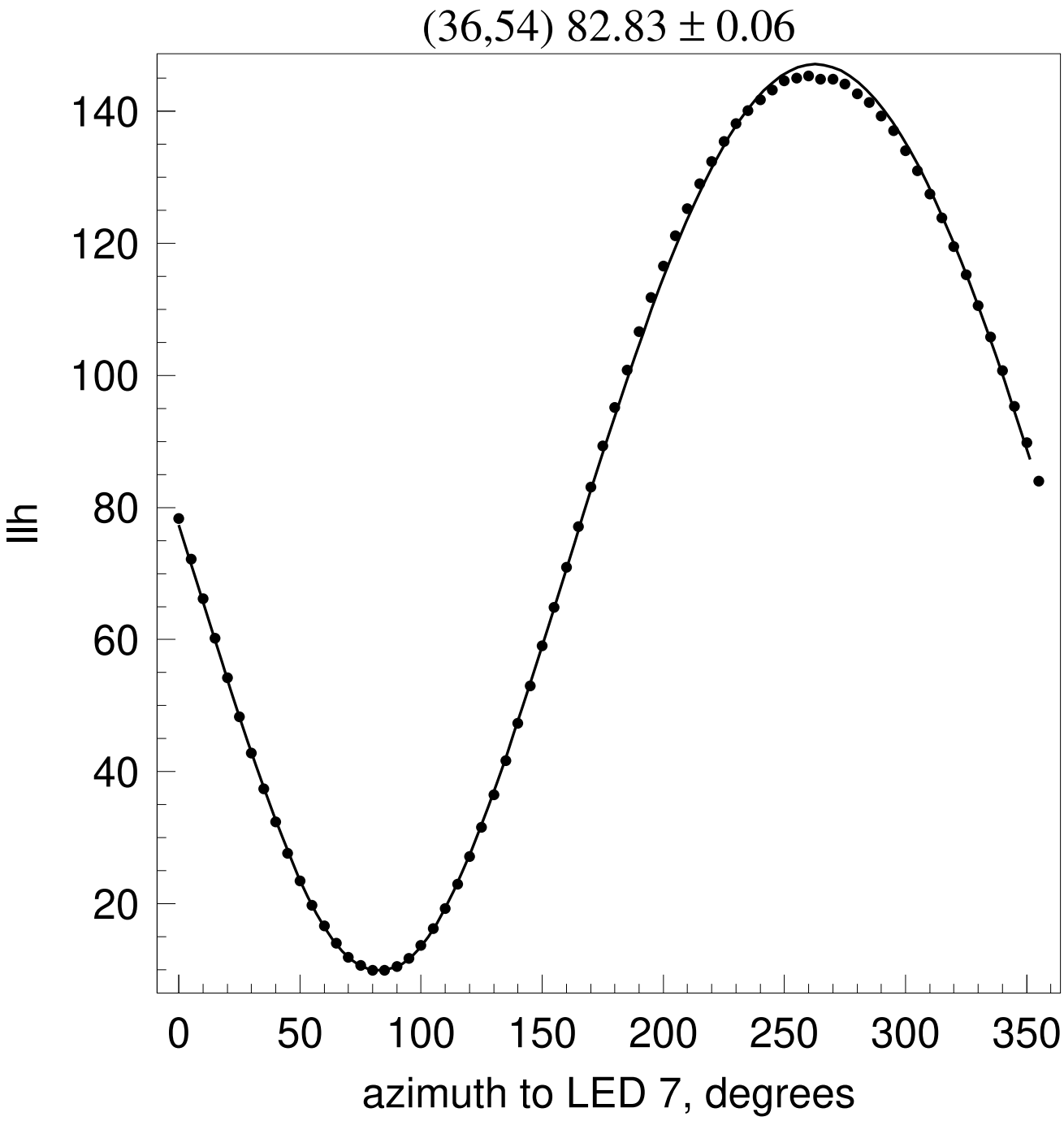

(36,49) 170.54 ± 0.10
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

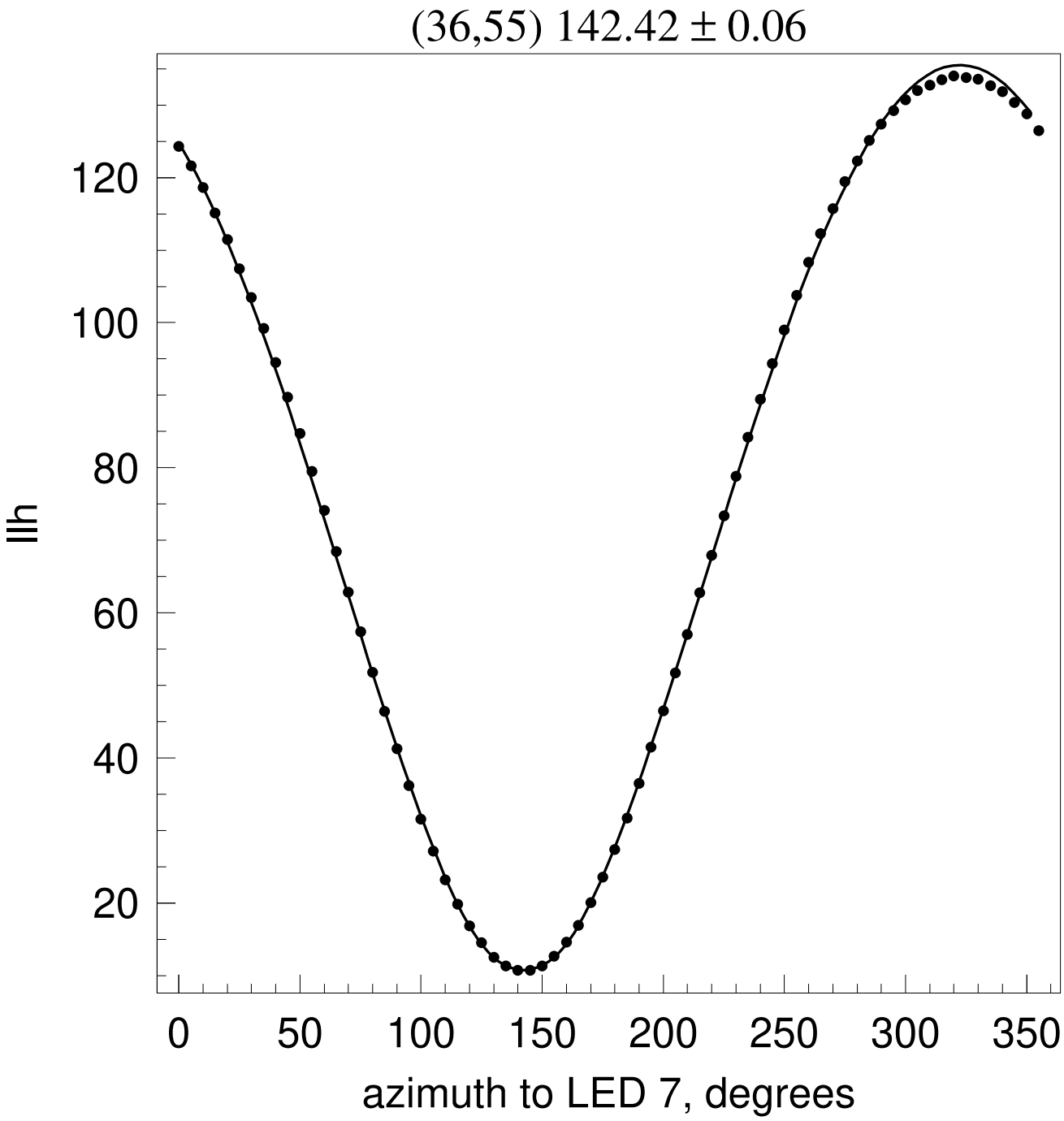

(36,50) 210.94 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

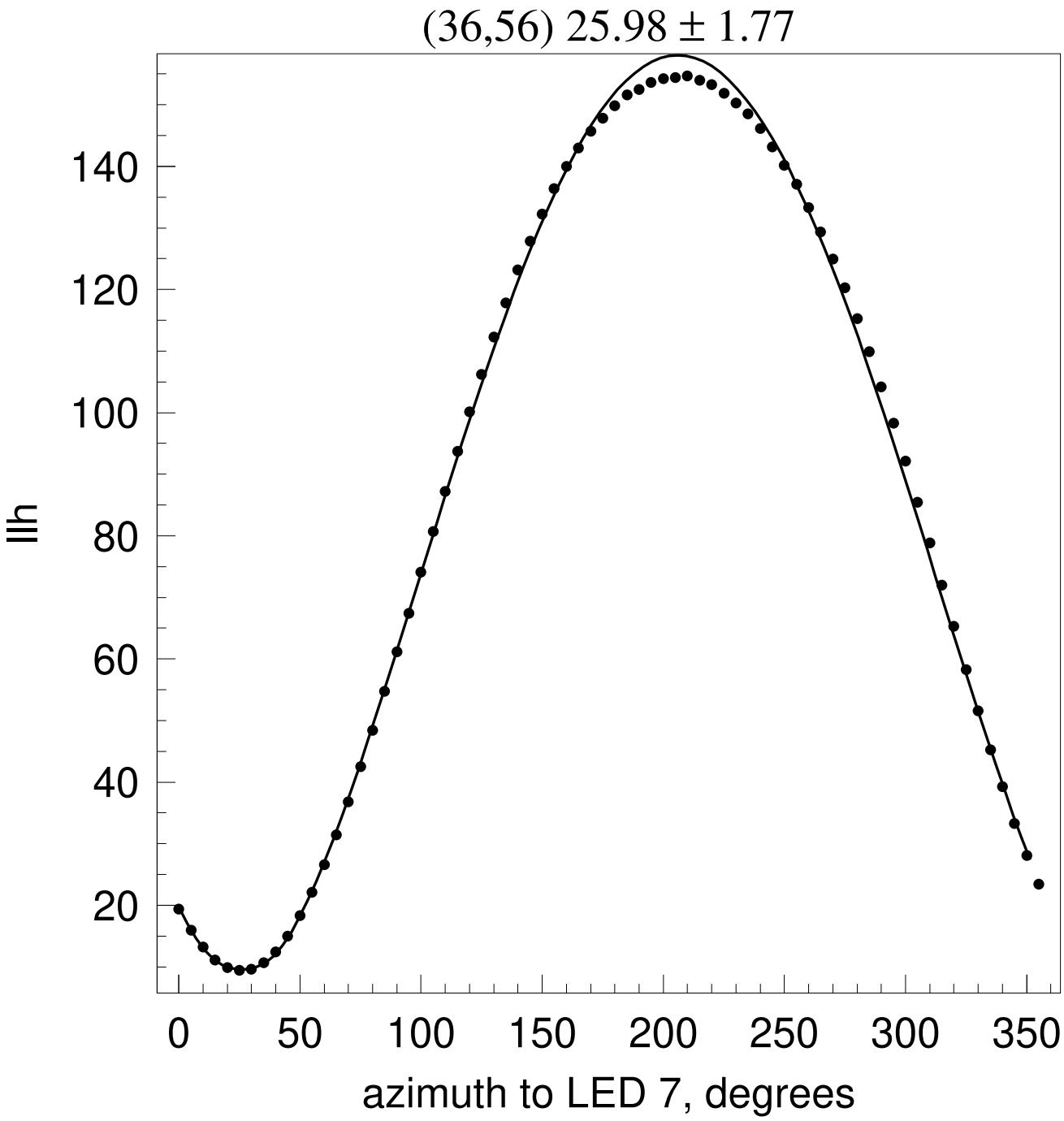

(36,51) 1.86 ± 0.13
llh
200
175
150
125
100
75
50
25
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

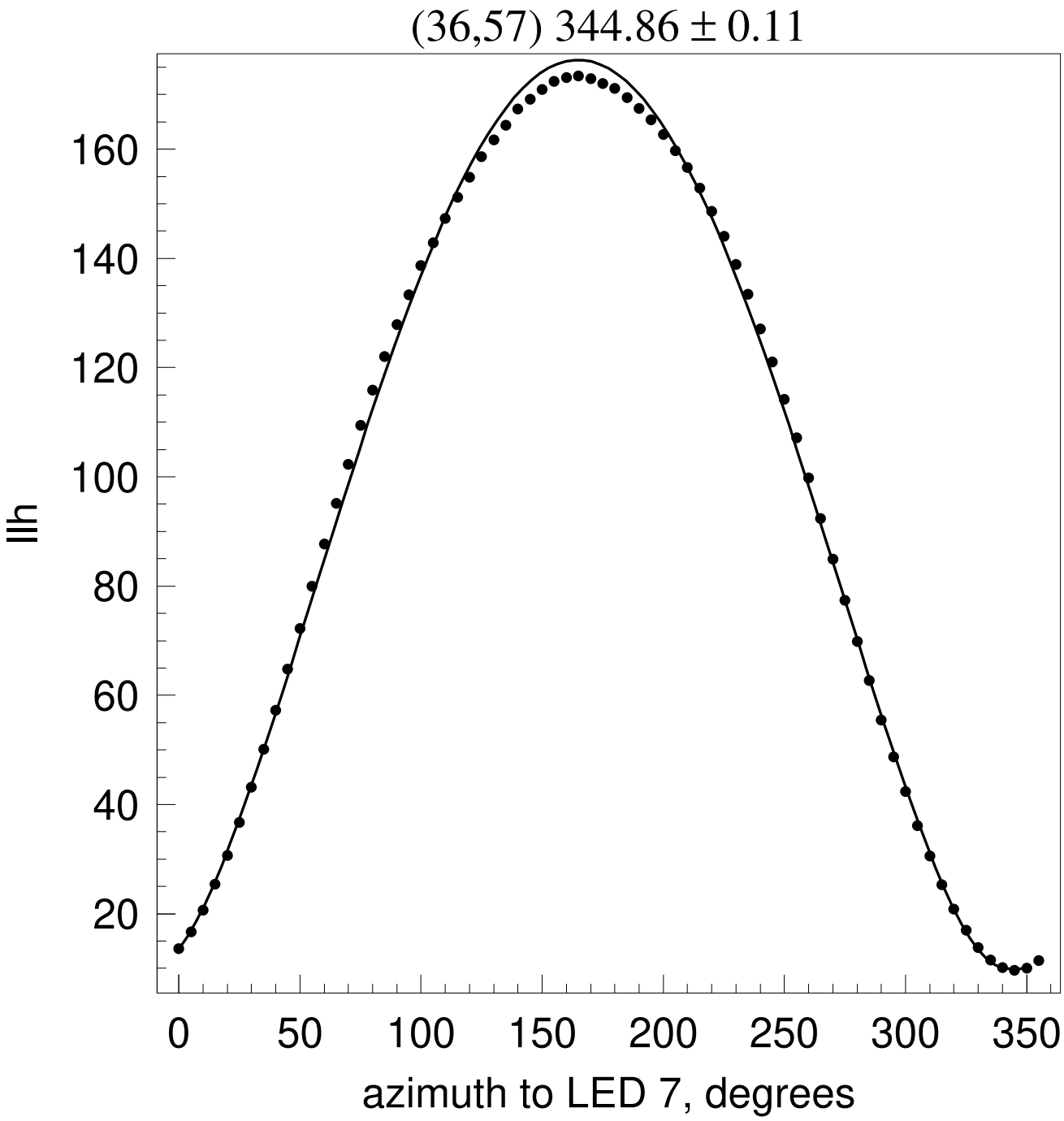

(36,52) 266.01 ± 0.17
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

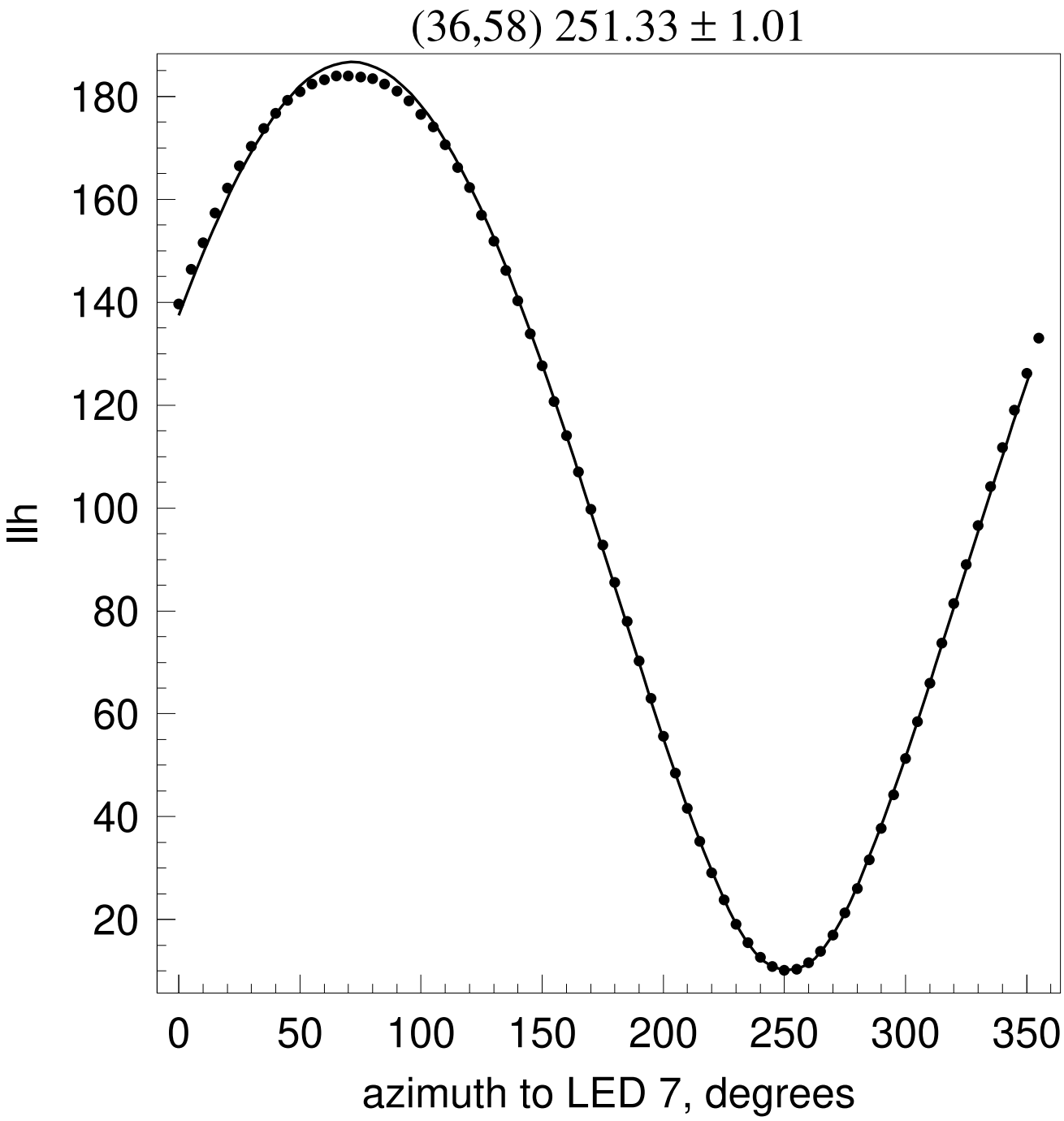

(36,53) 177.66 ± 1.13
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

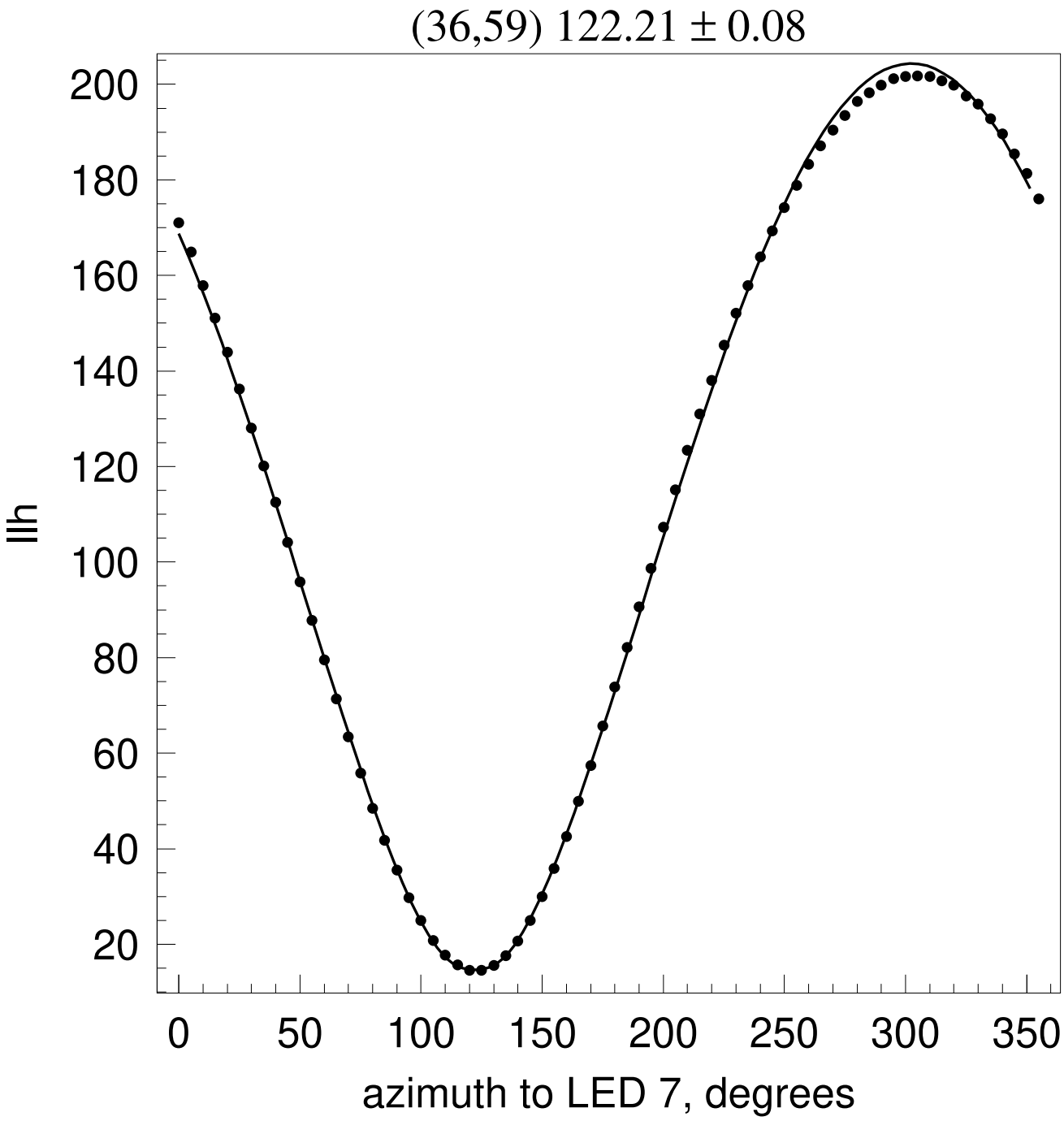

(36,54) 82.83 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

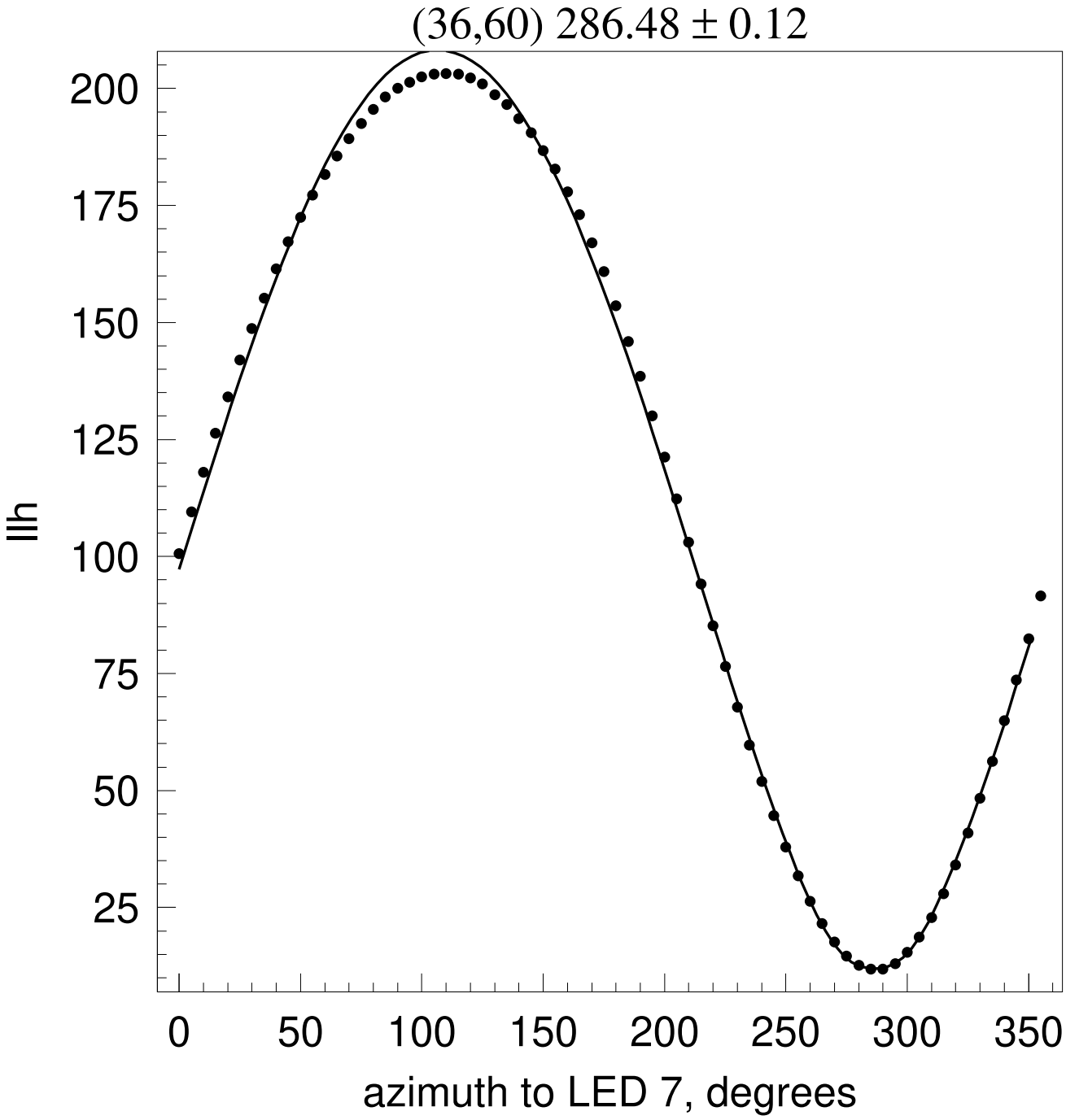

(36,55) 142.42 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

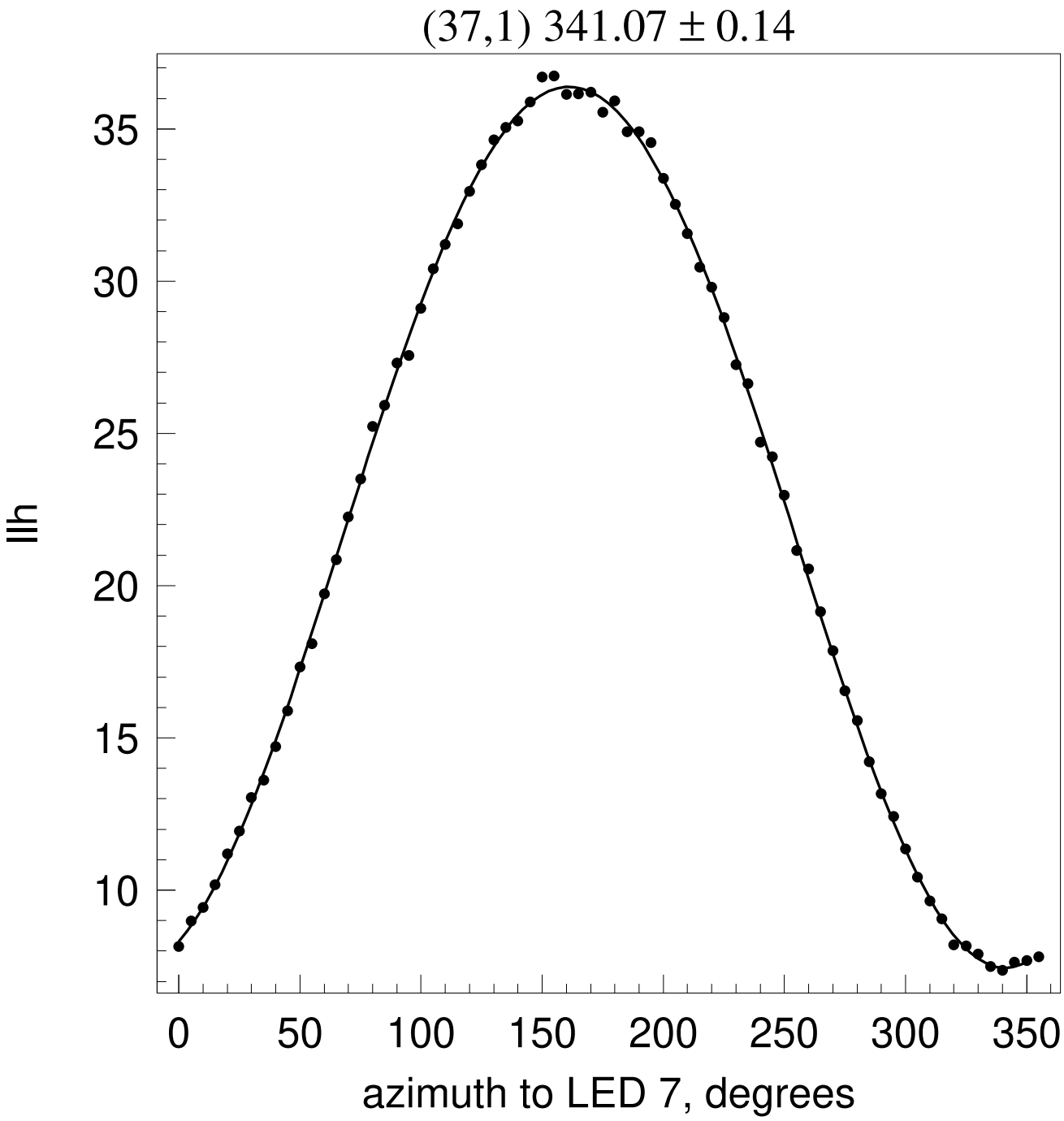

(36,56) 25.98 ± 1.77
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

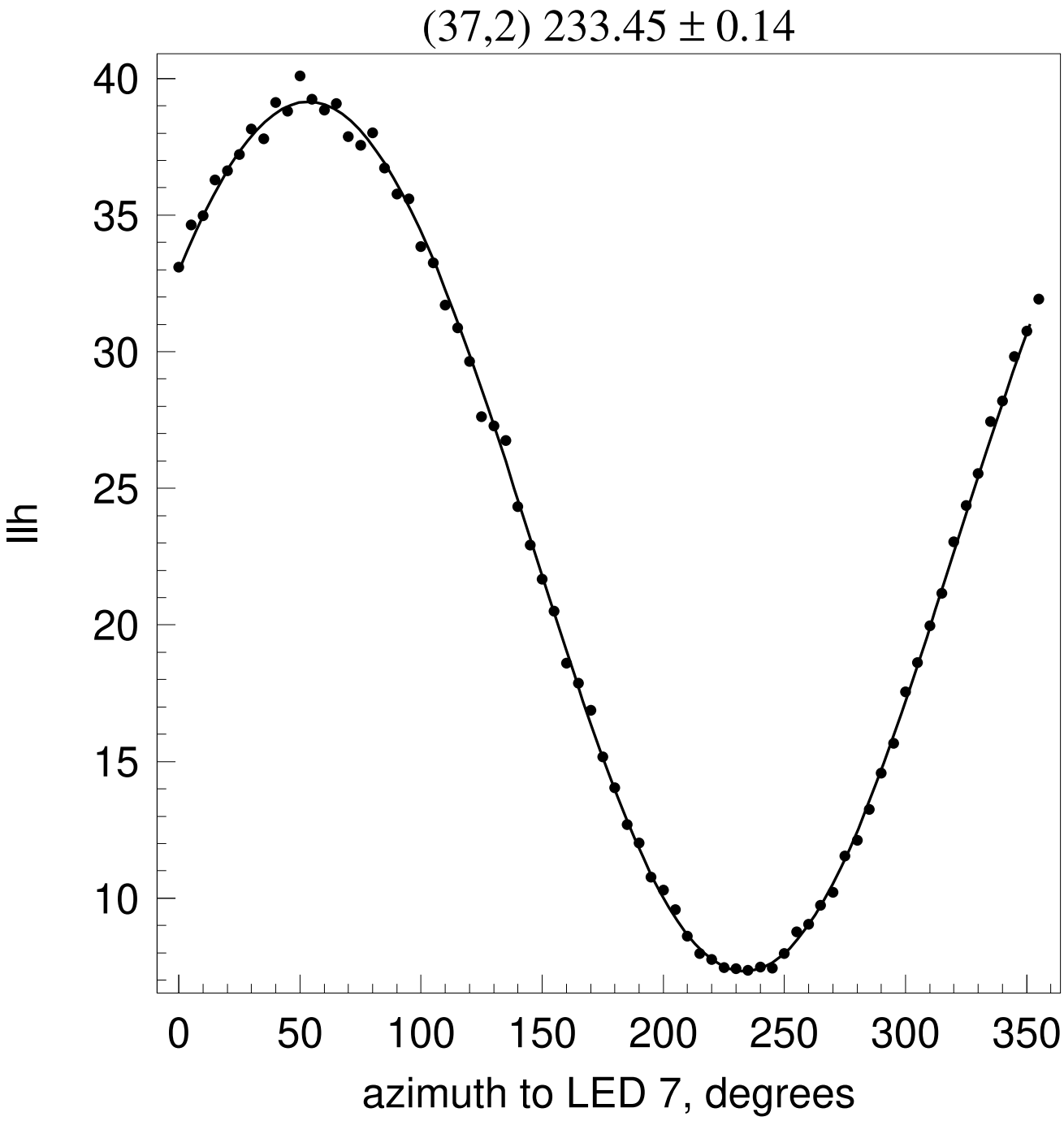

(36,57) 344.86 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

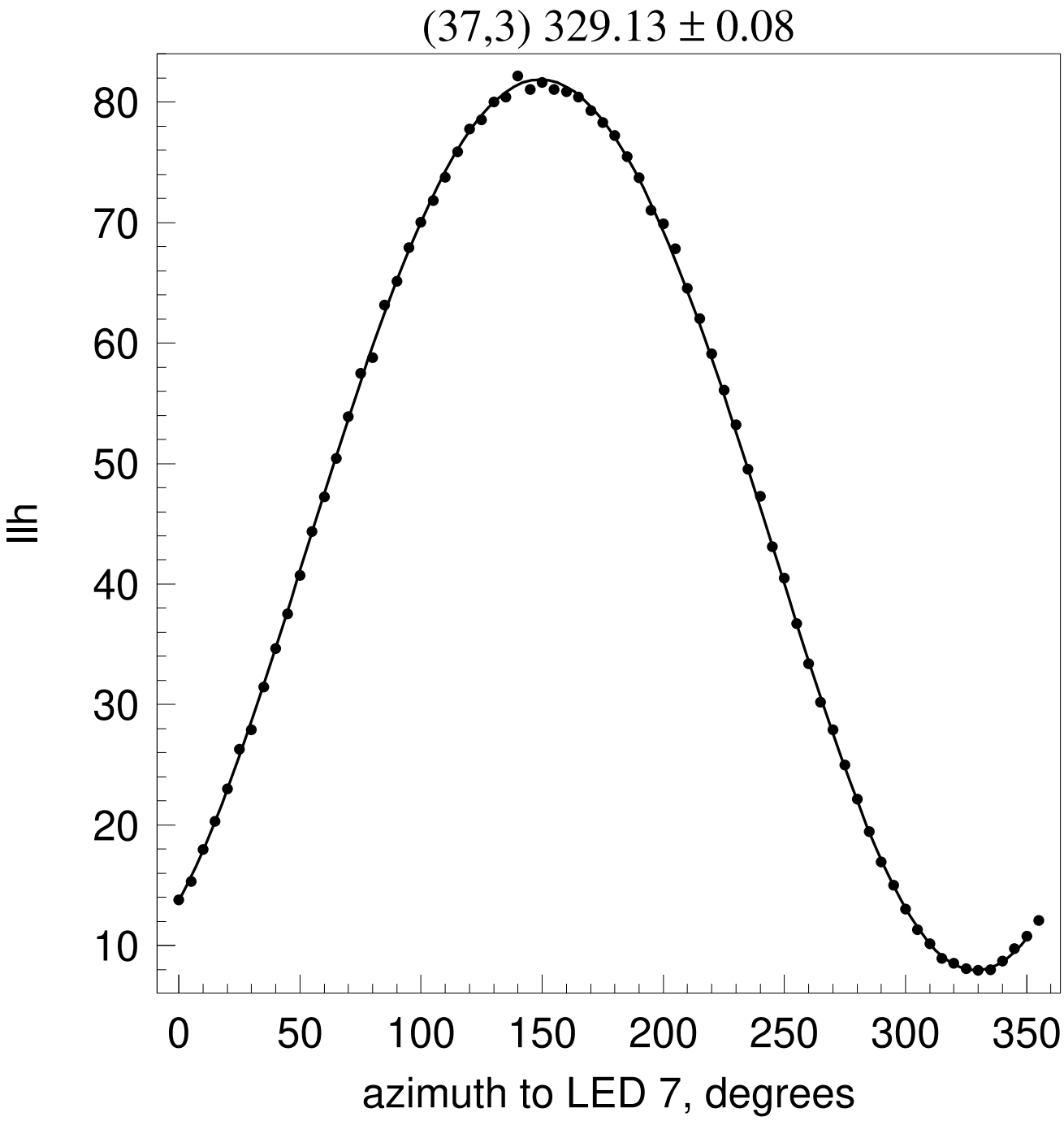

(36,58) 251.33 ± 1.01
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

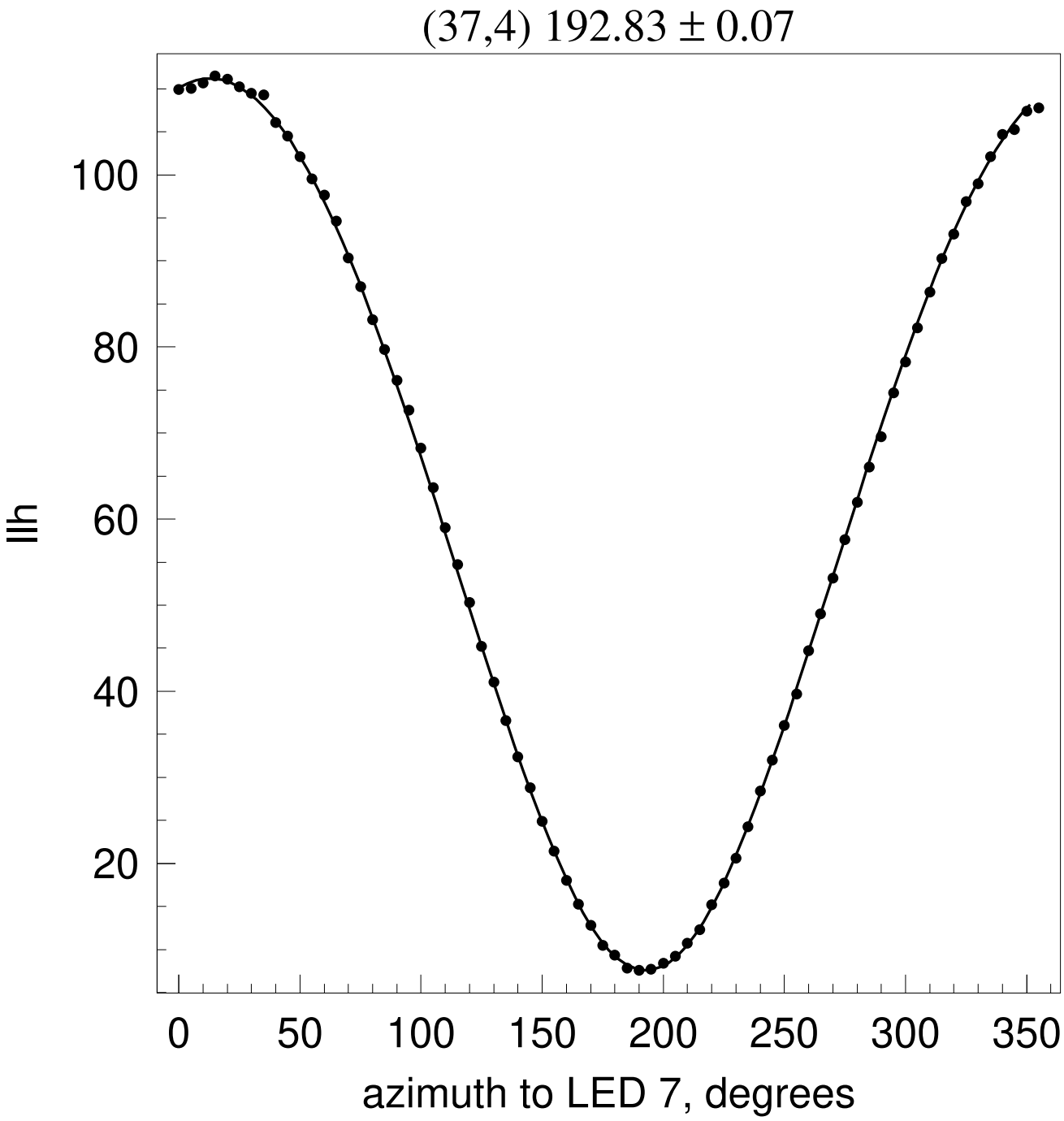

(36,59) 122.21 ± 0.08
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

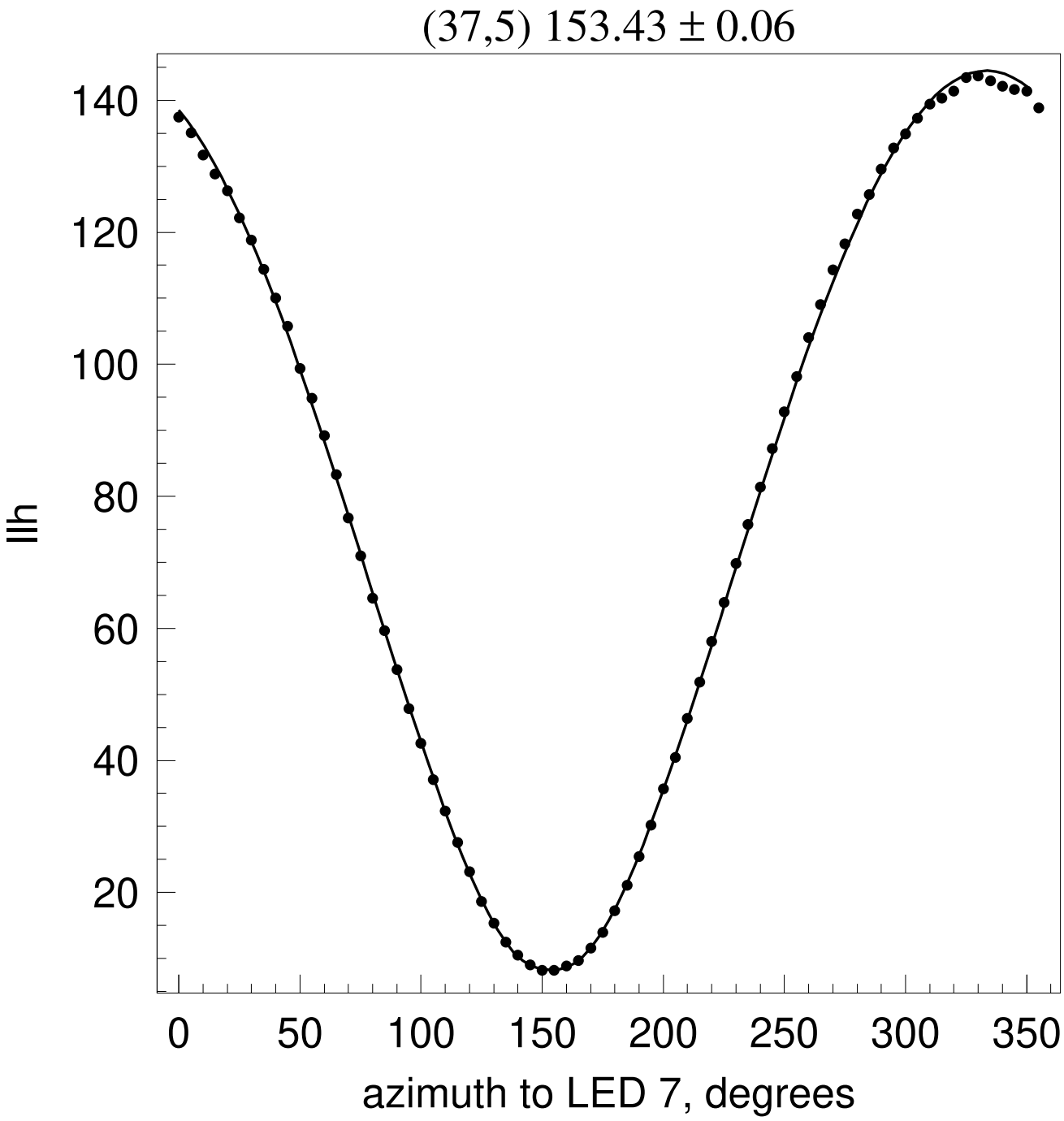

(36,60) 286.48 ± 0.12
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

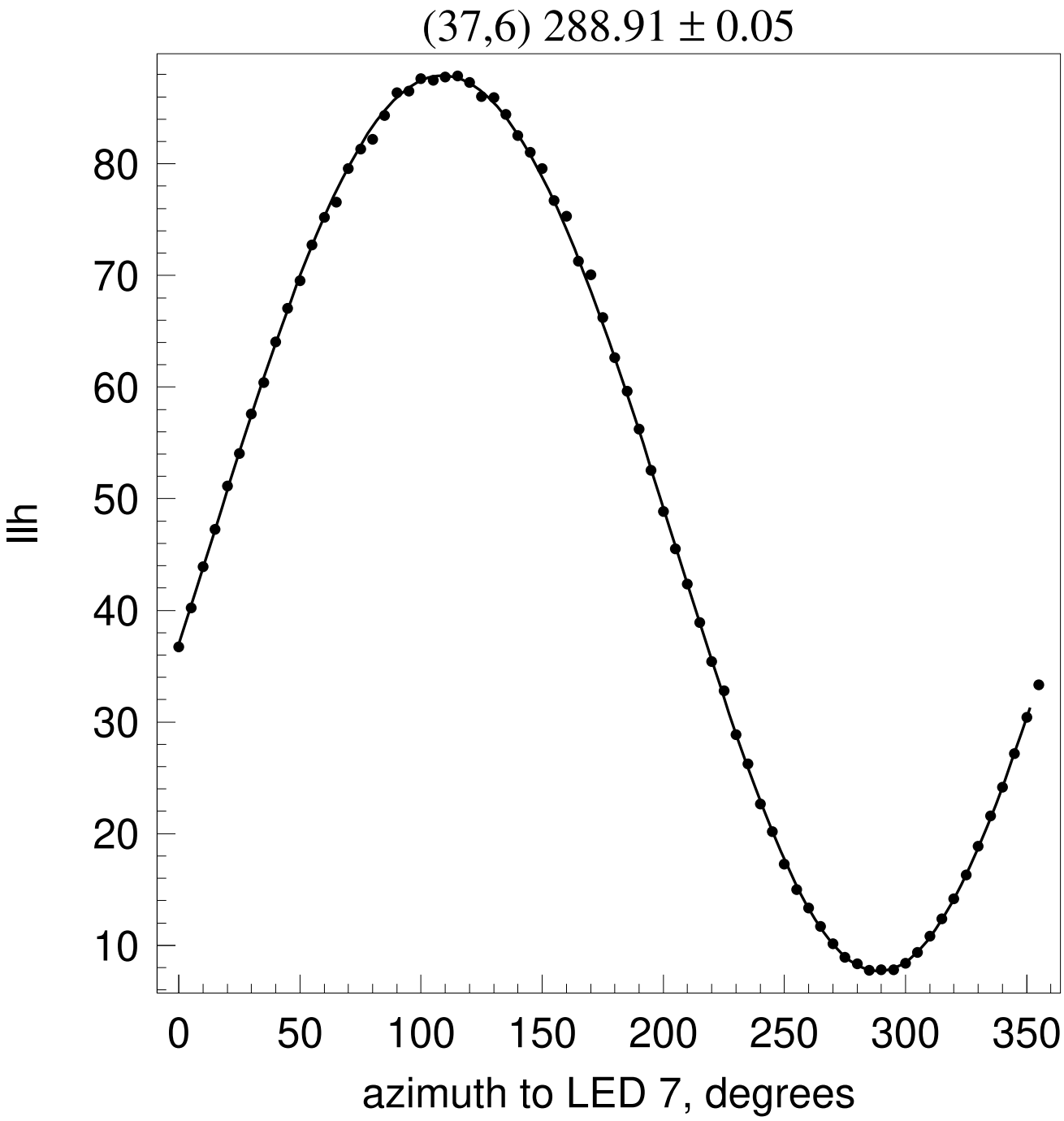

(37,1) 341.07 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

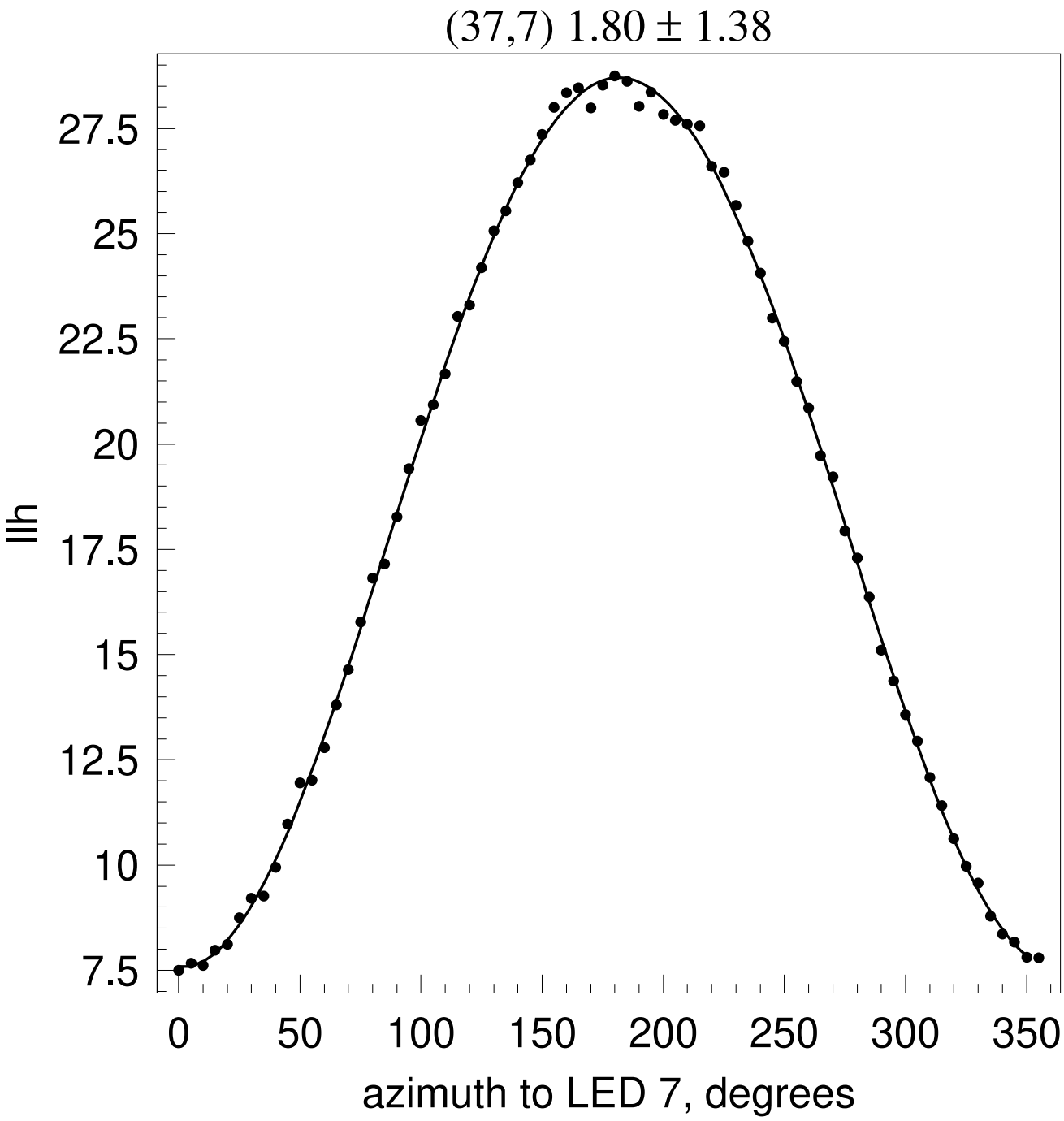

(37,2) 233.45 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

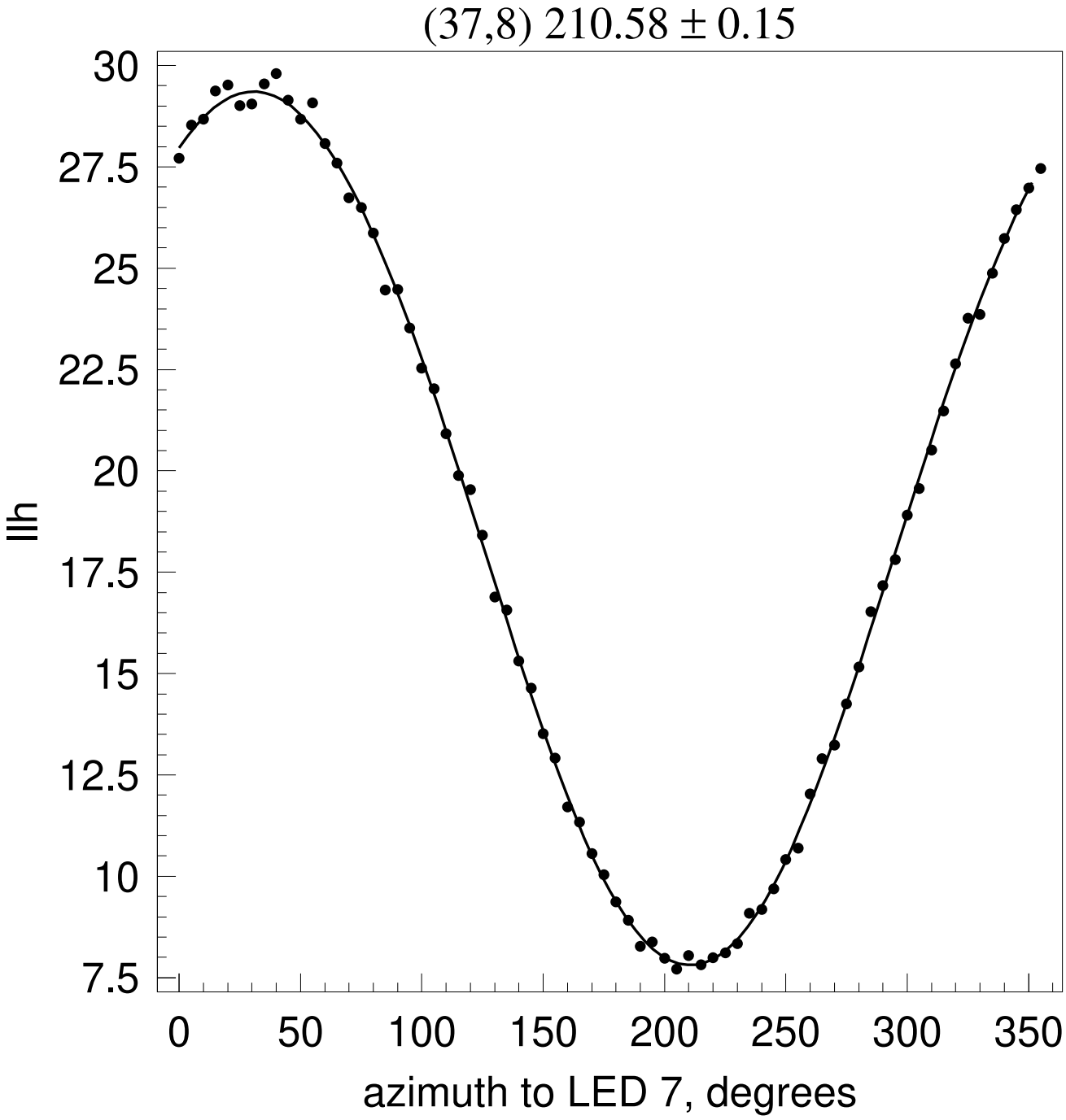

(37,3) 329.13 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

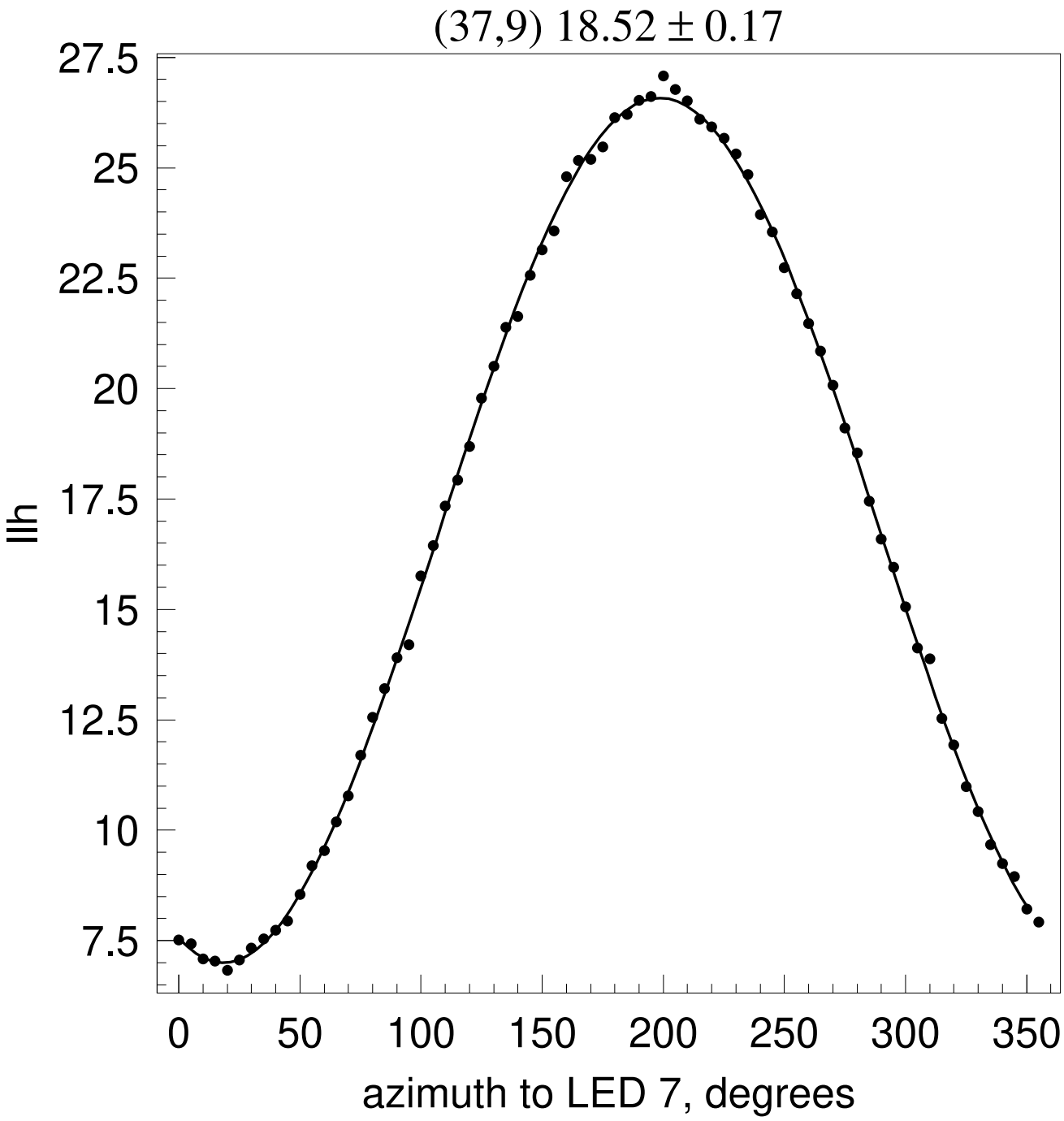

(37,4) 192.83 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

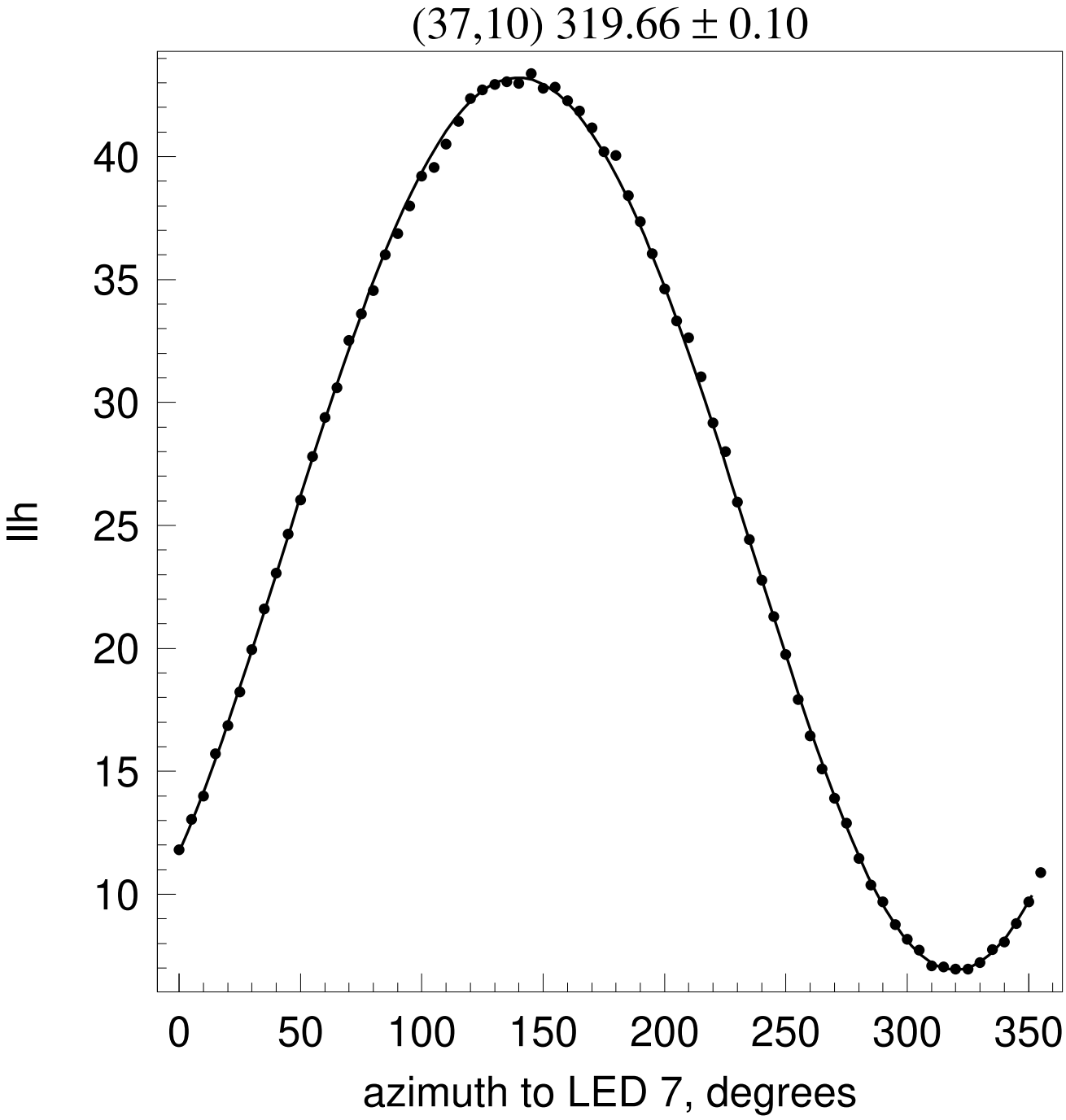

(37,5) 153.43 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

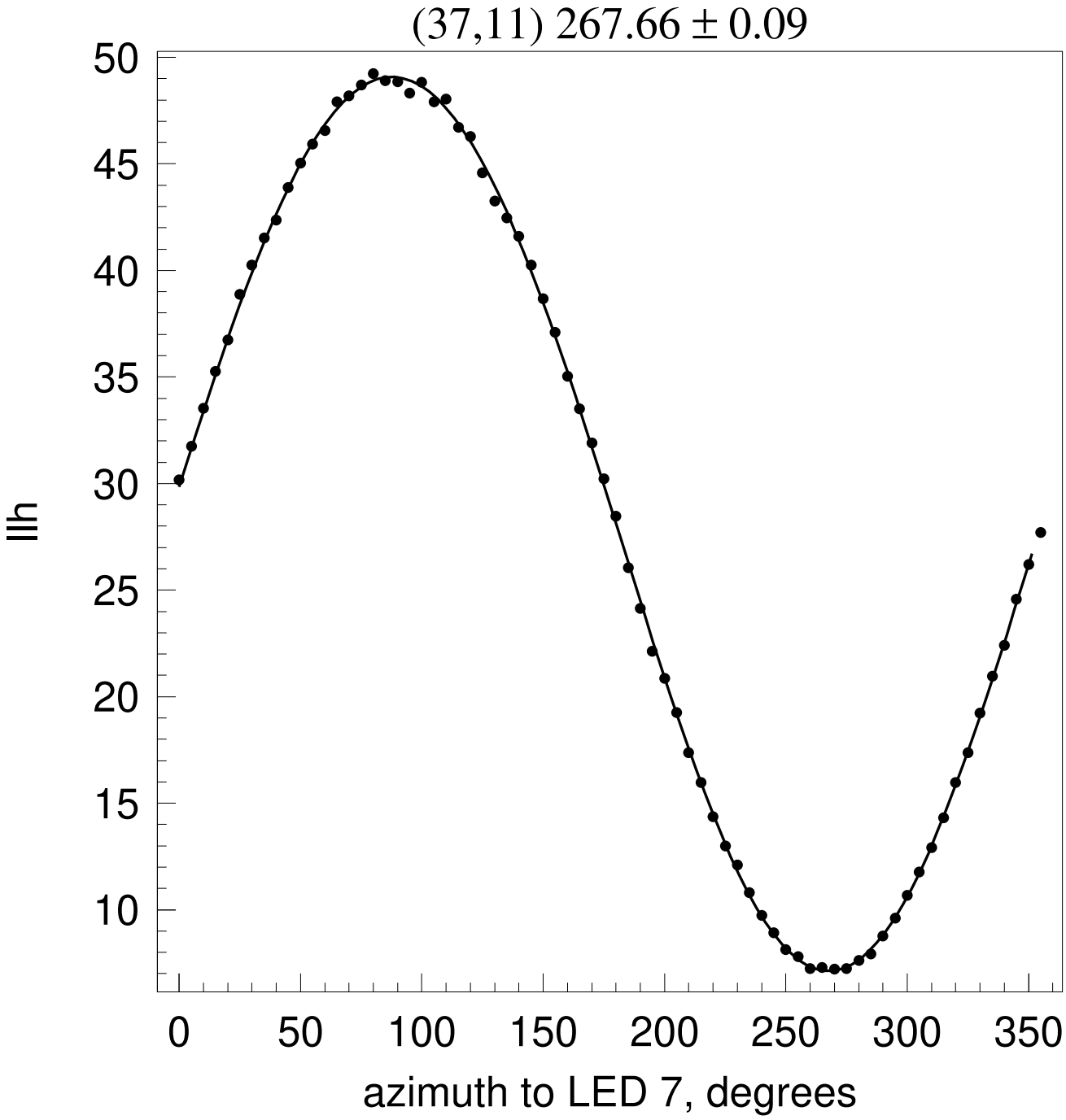

(37,6) 288.91 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

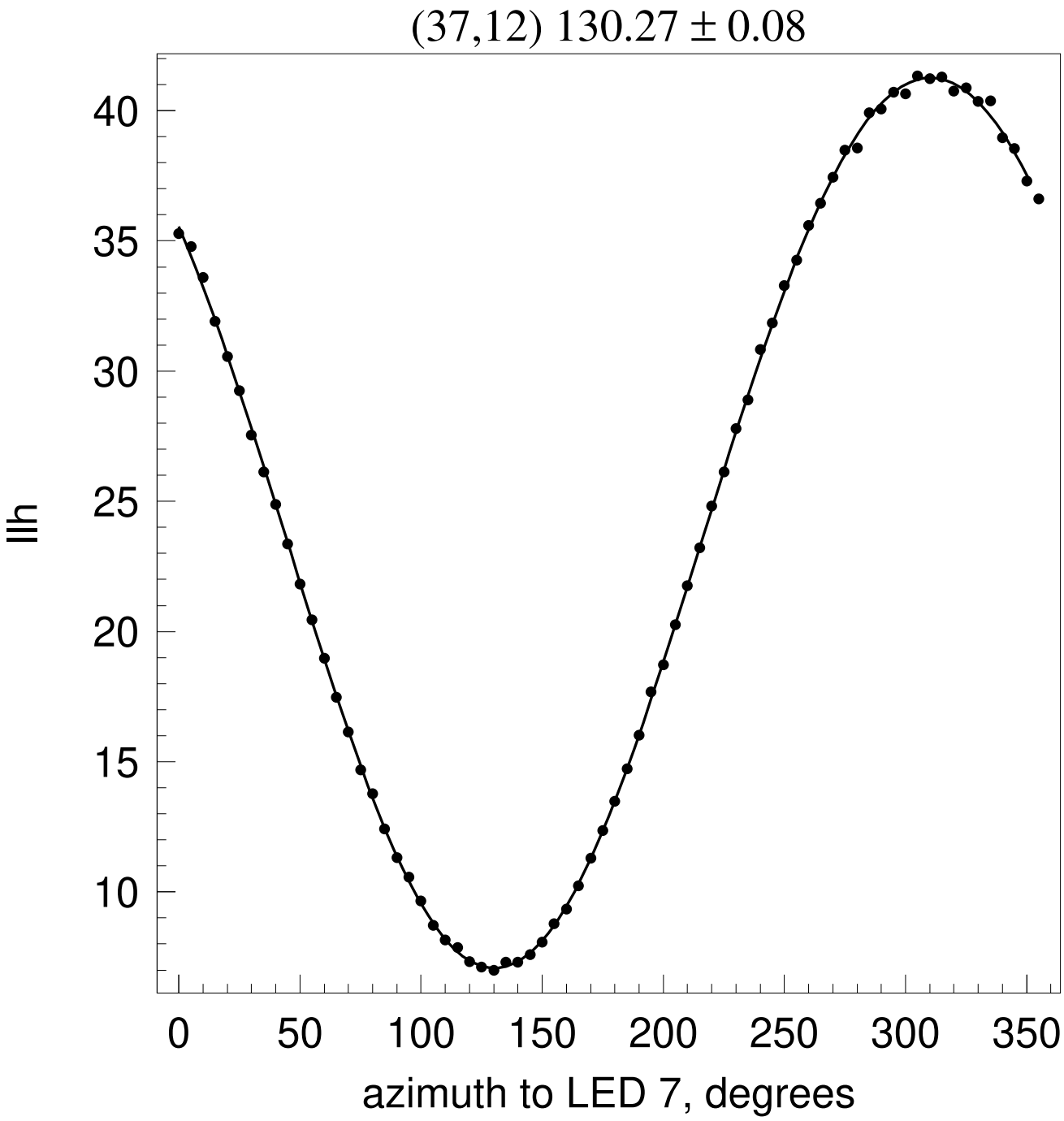

(37,7) 1.80 ± 1.38
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

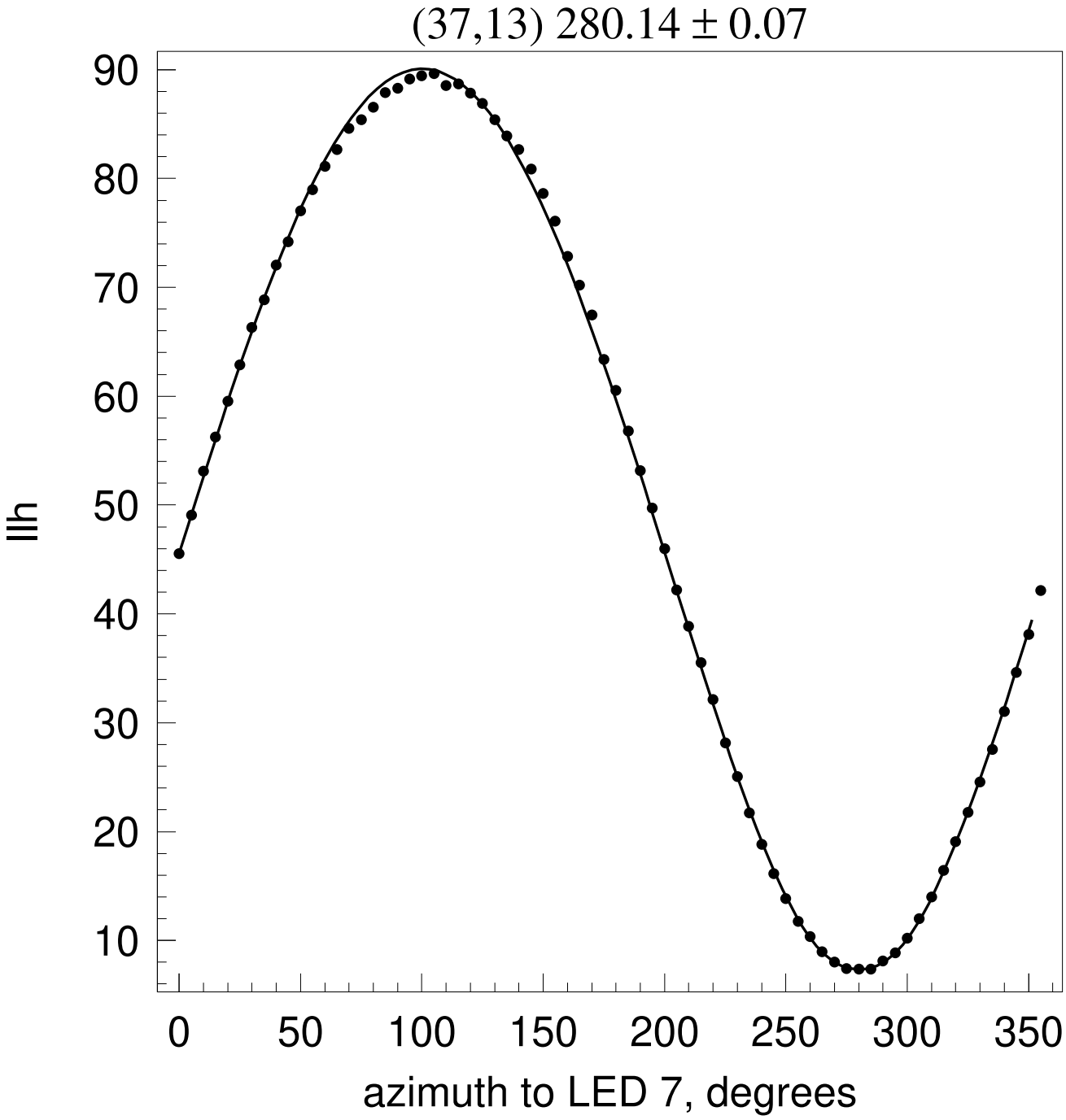

(37,8) 210.58 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

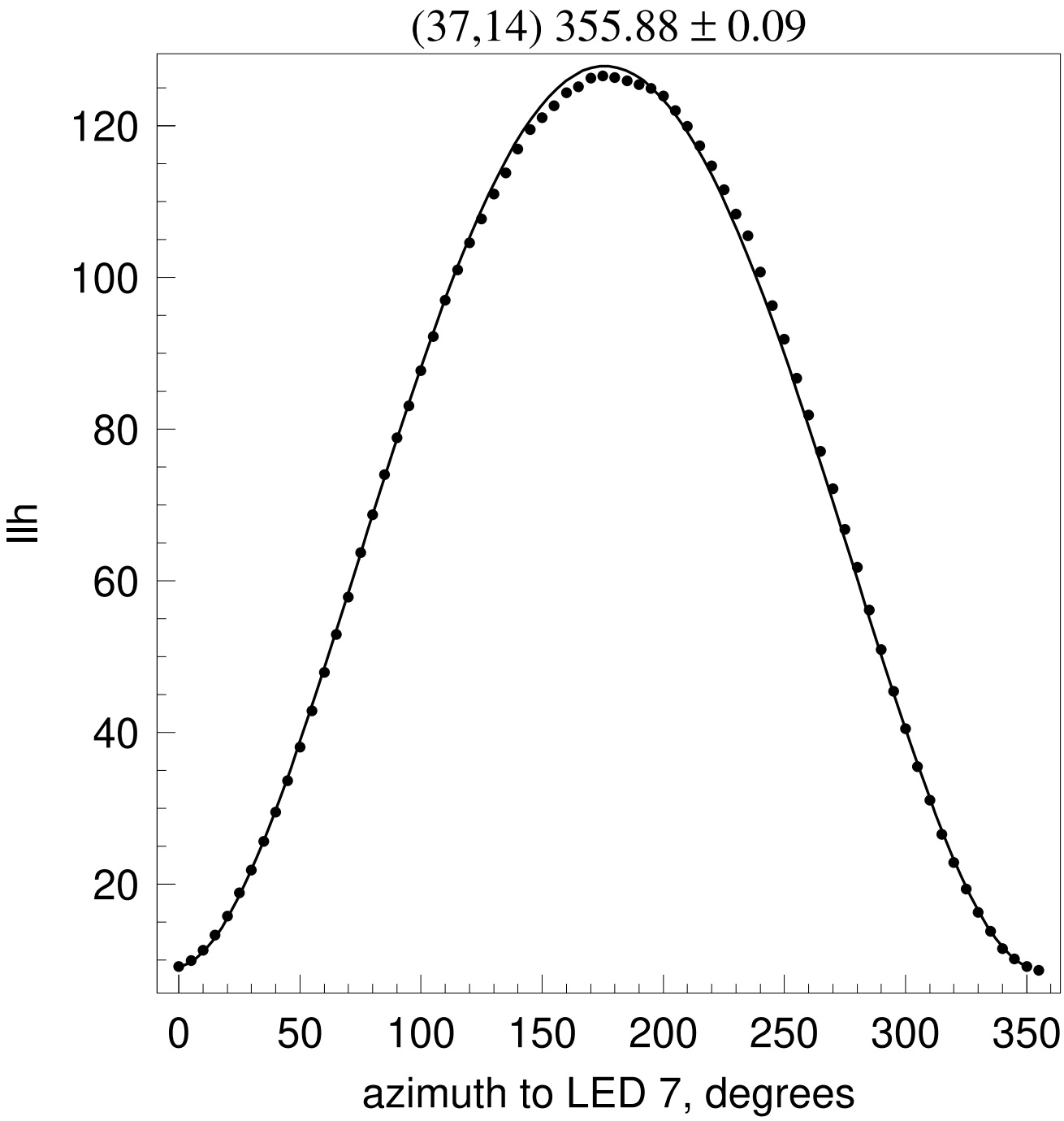

(37,9) 18.52 ± 0.17
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

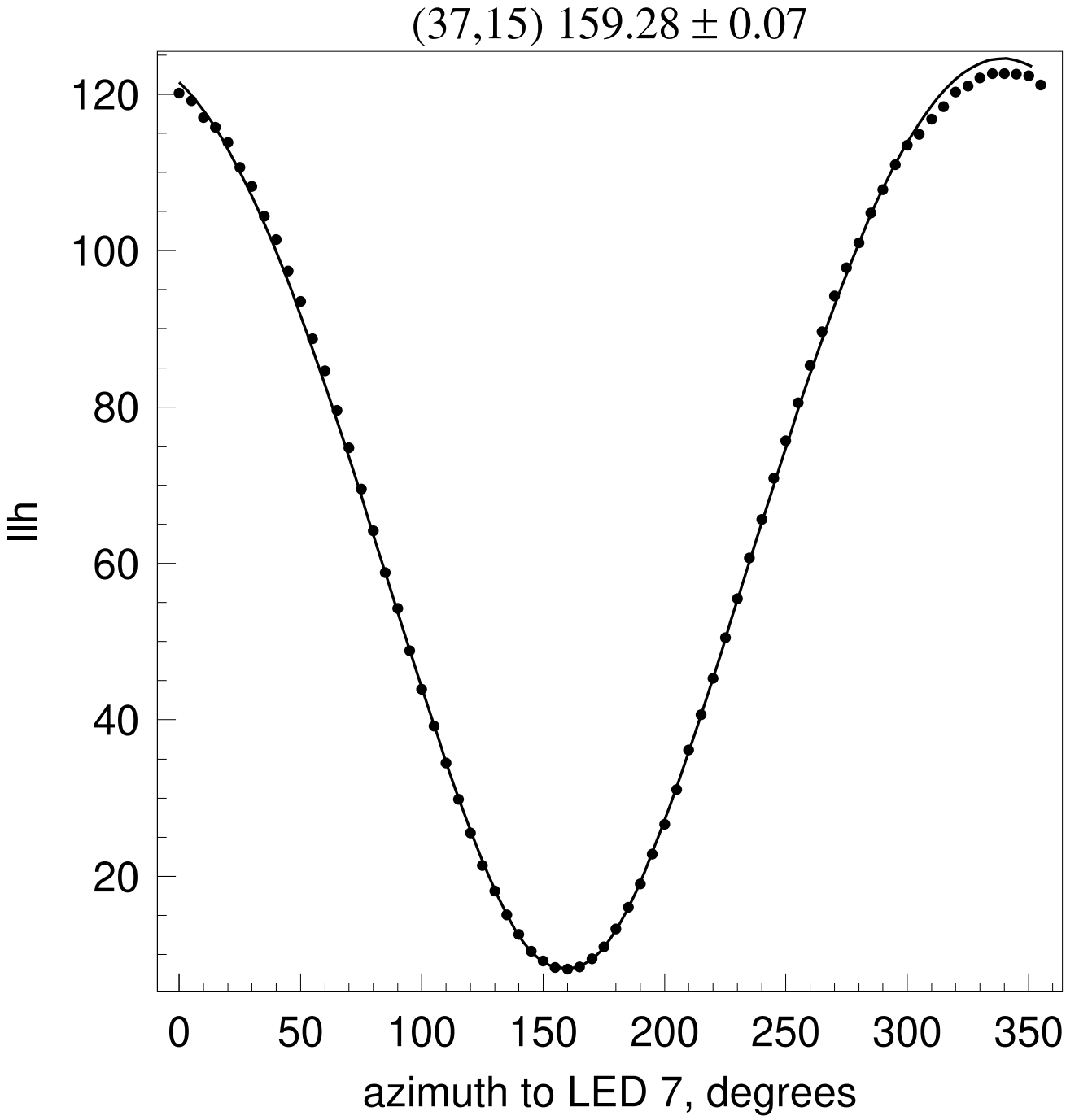

(37,10) 319.66 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

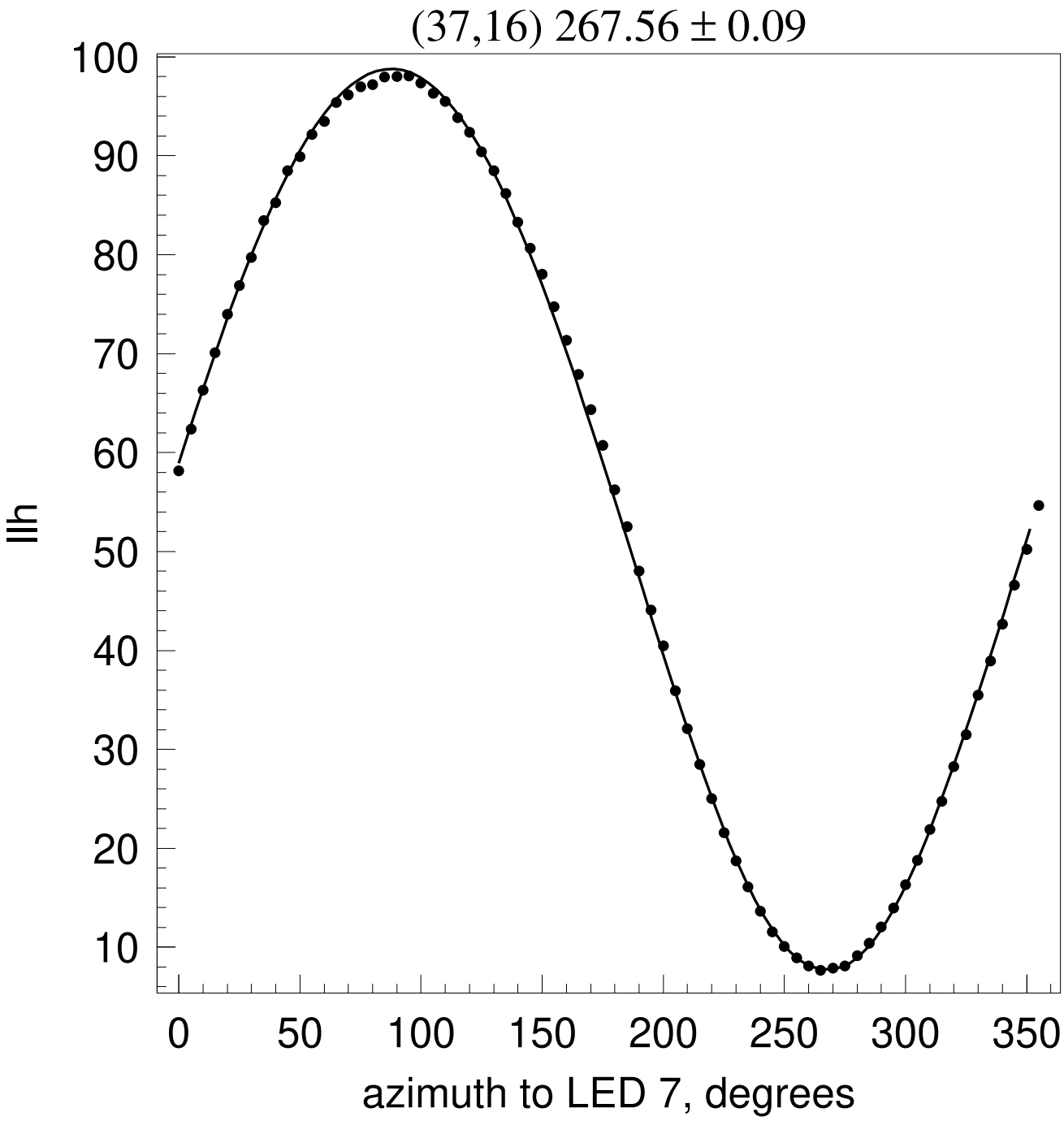

(37,11) 267.66 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

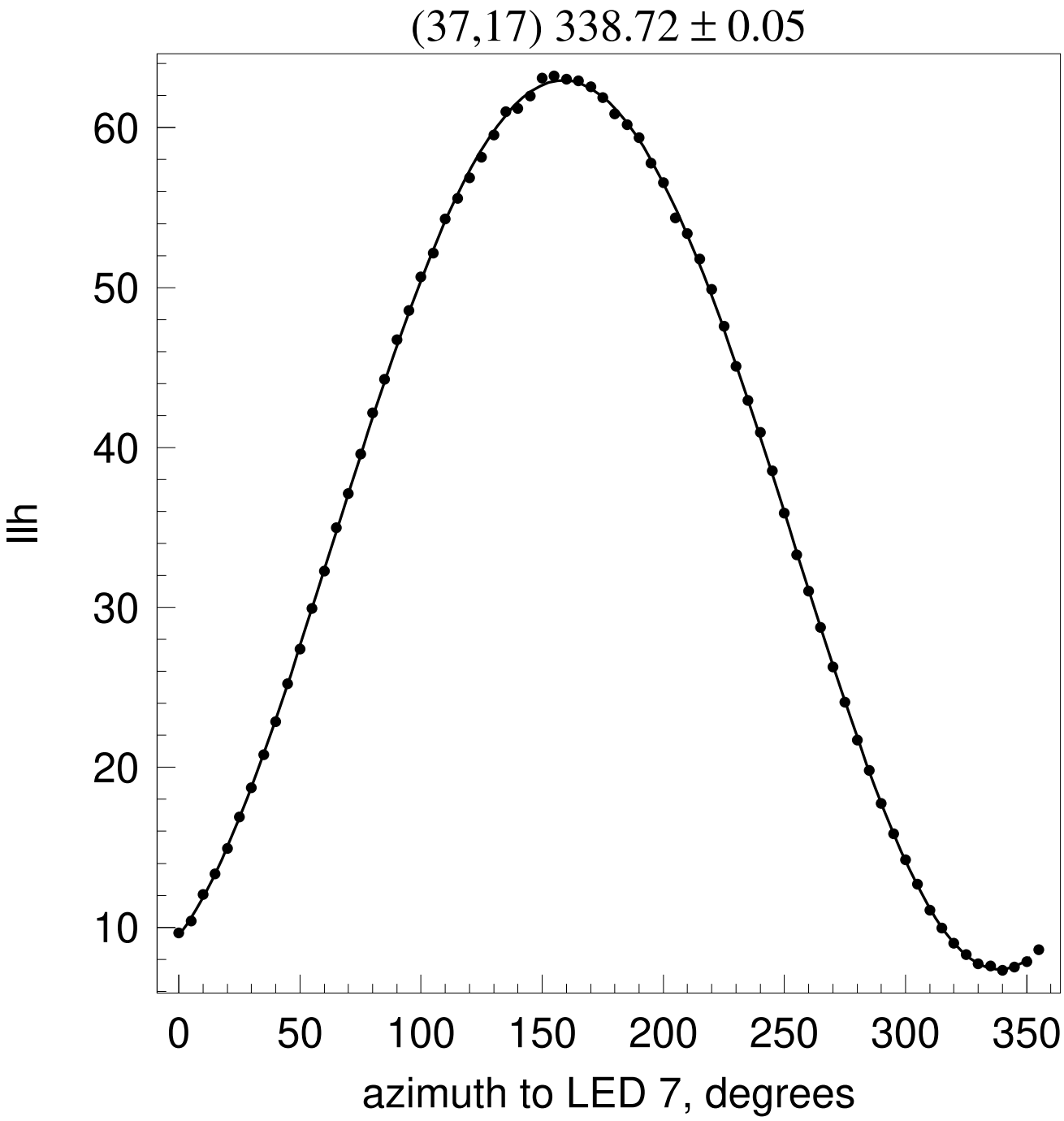

(37,12) 130.27 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

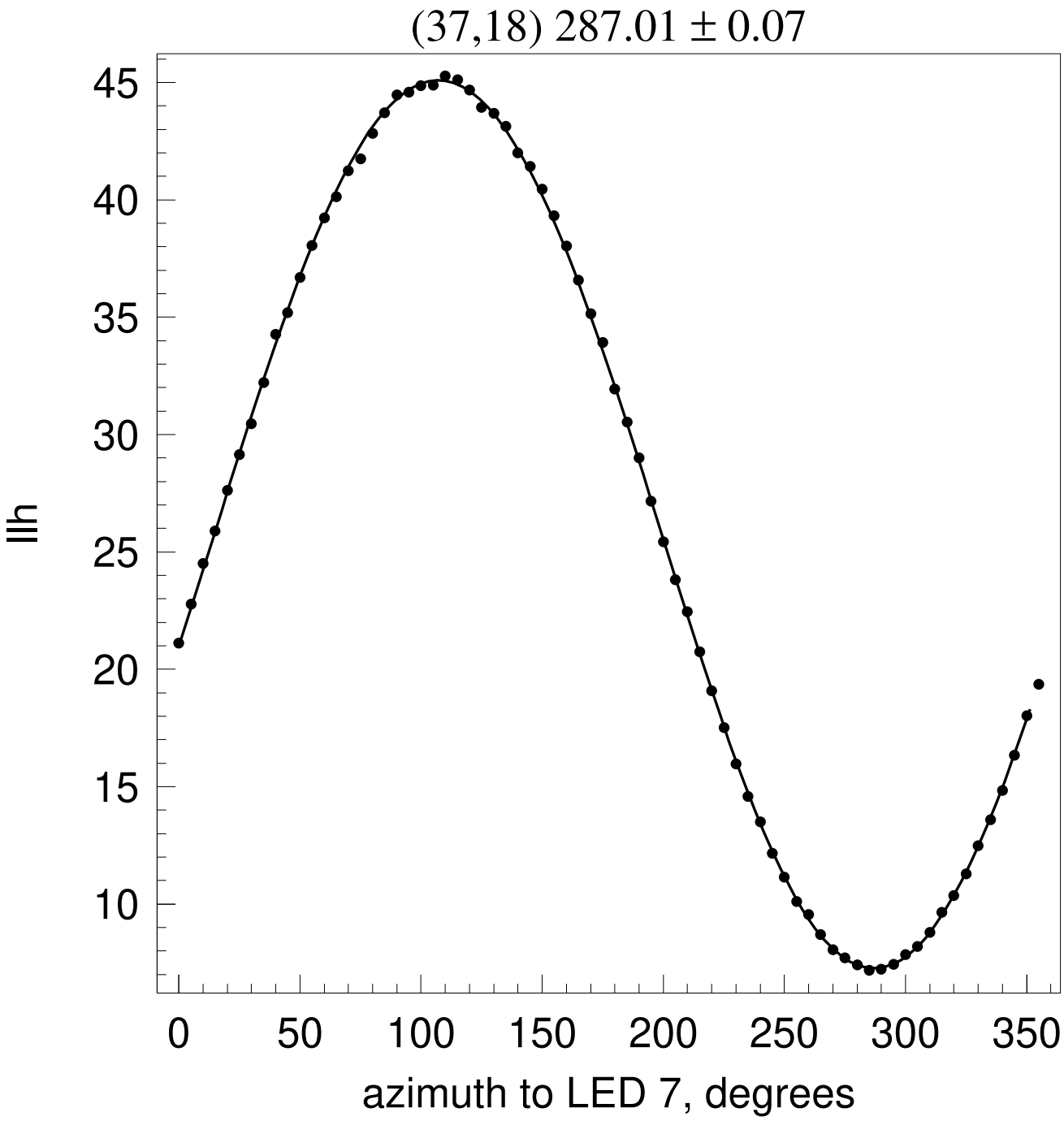

(37,13) 280.14 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

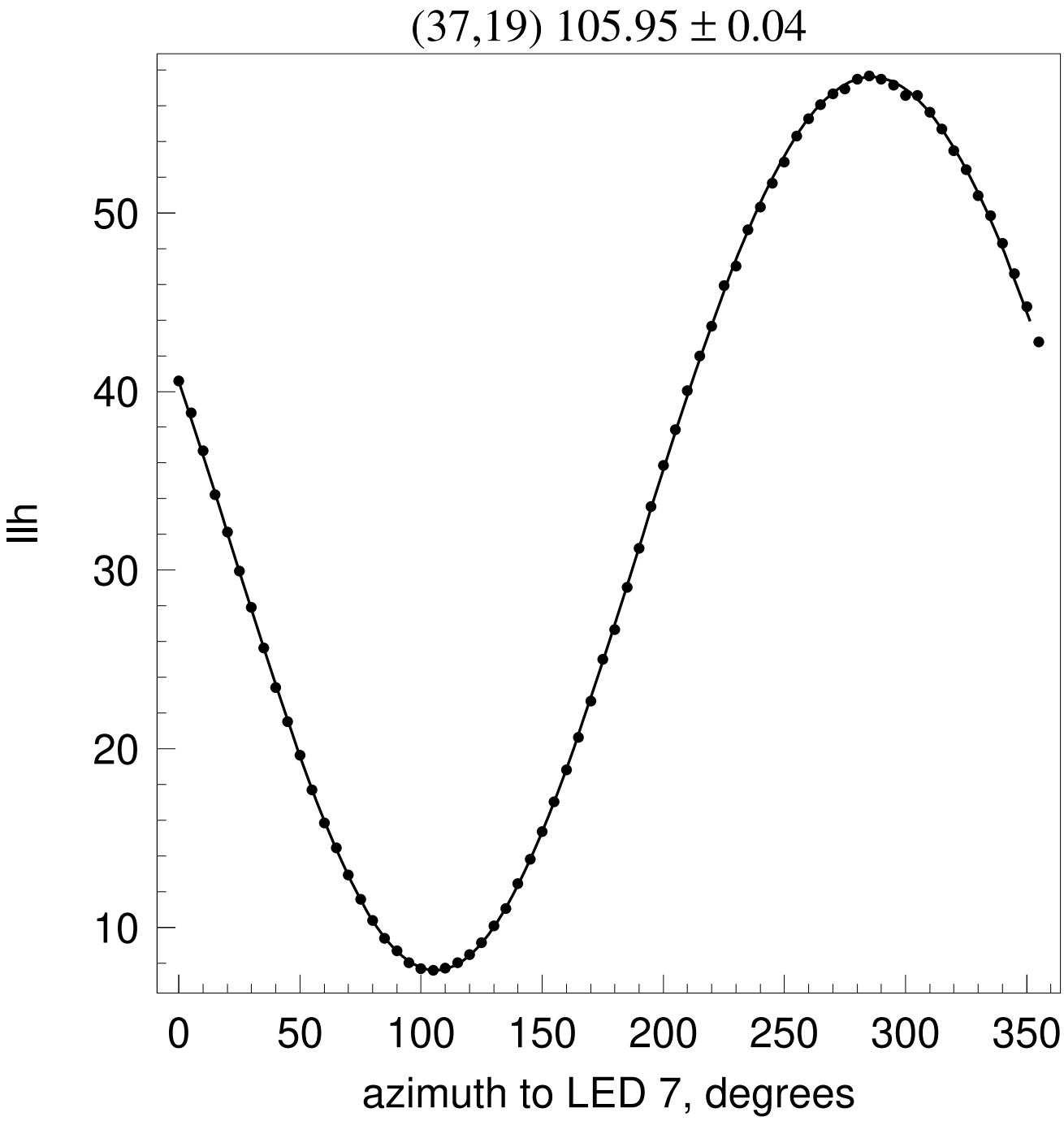

(37,14) 355.88 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

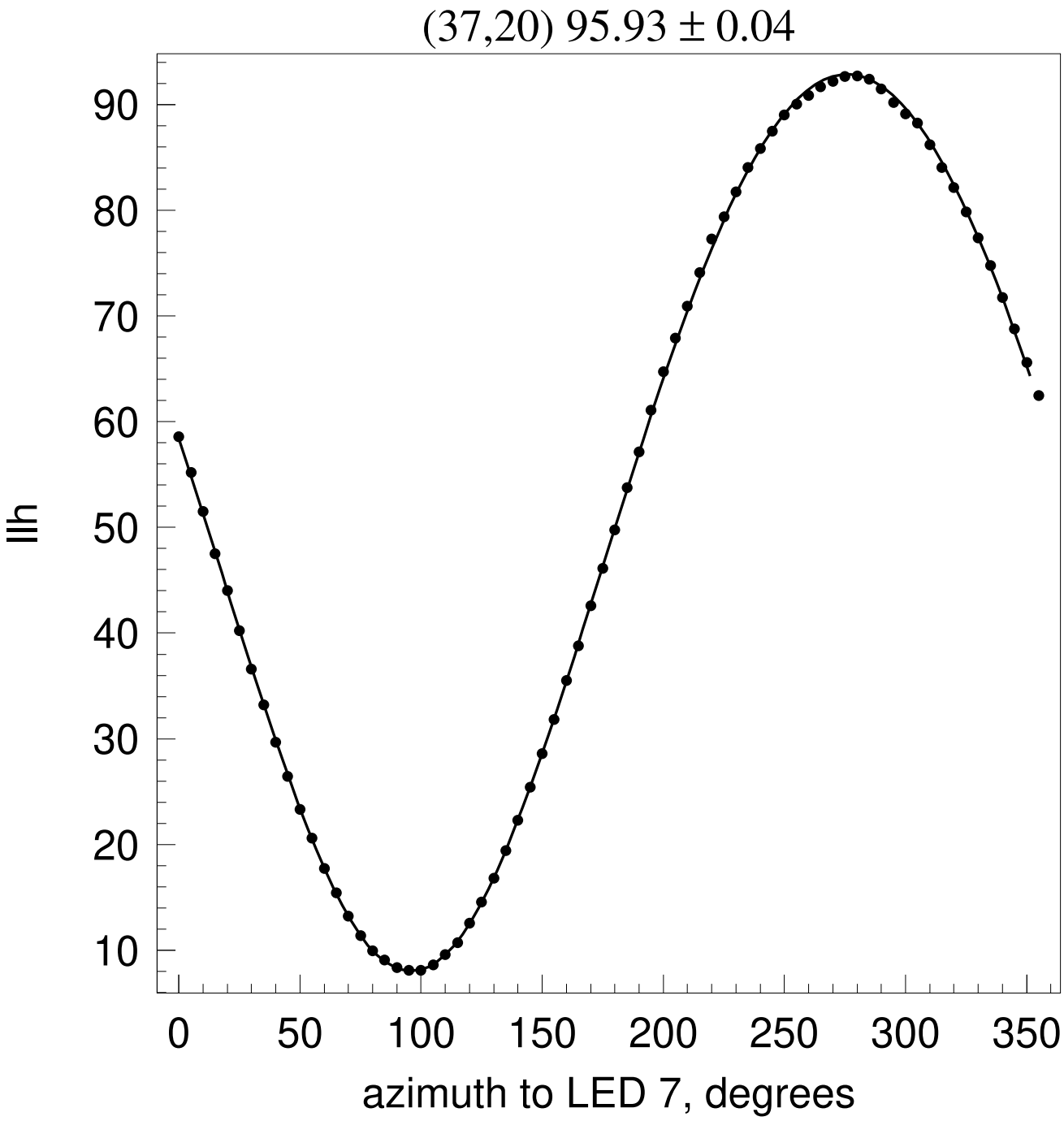

(37,15) 159.28 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

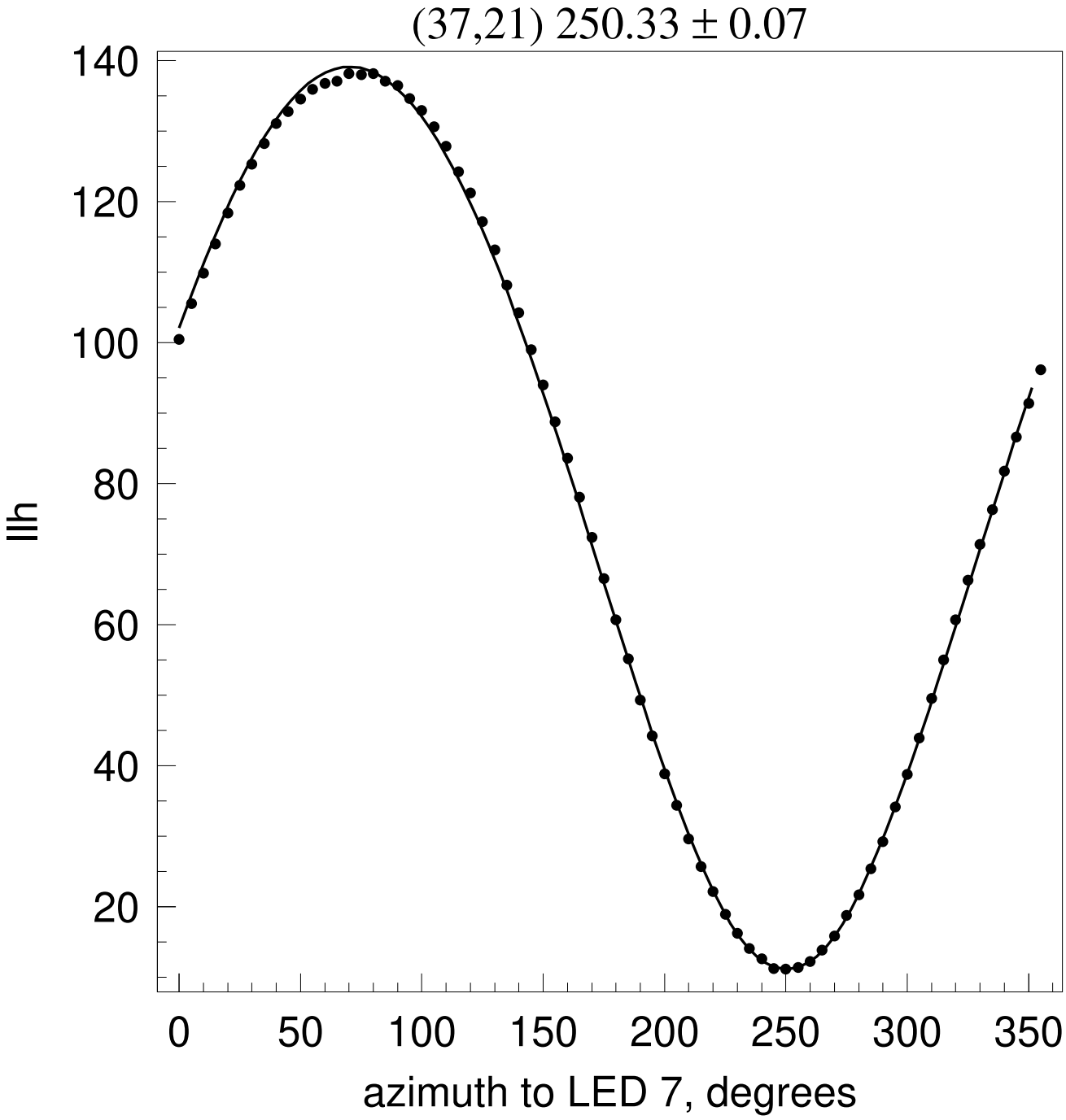

(37,16) 267.56 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

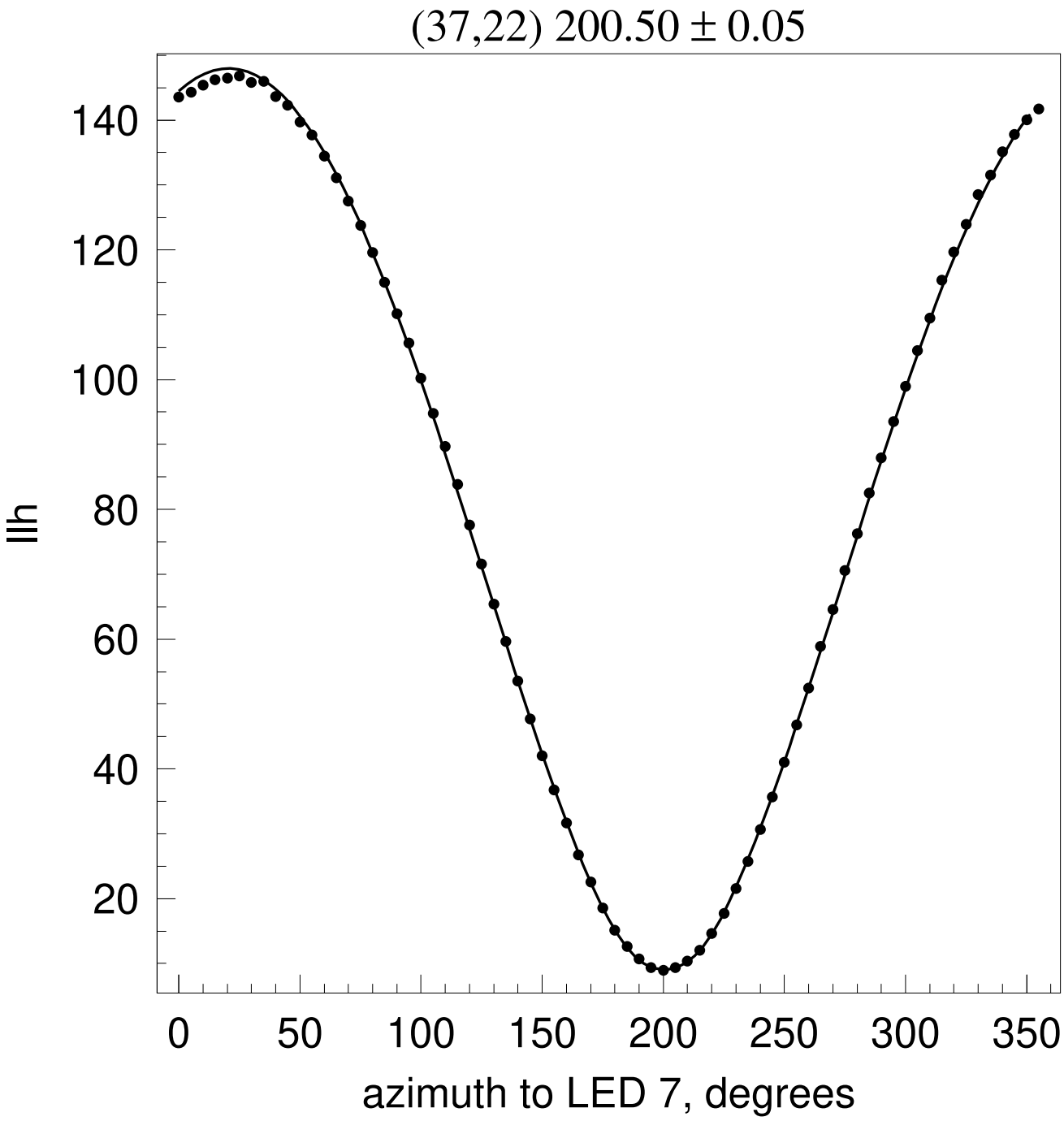

(37,17) 338.72 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

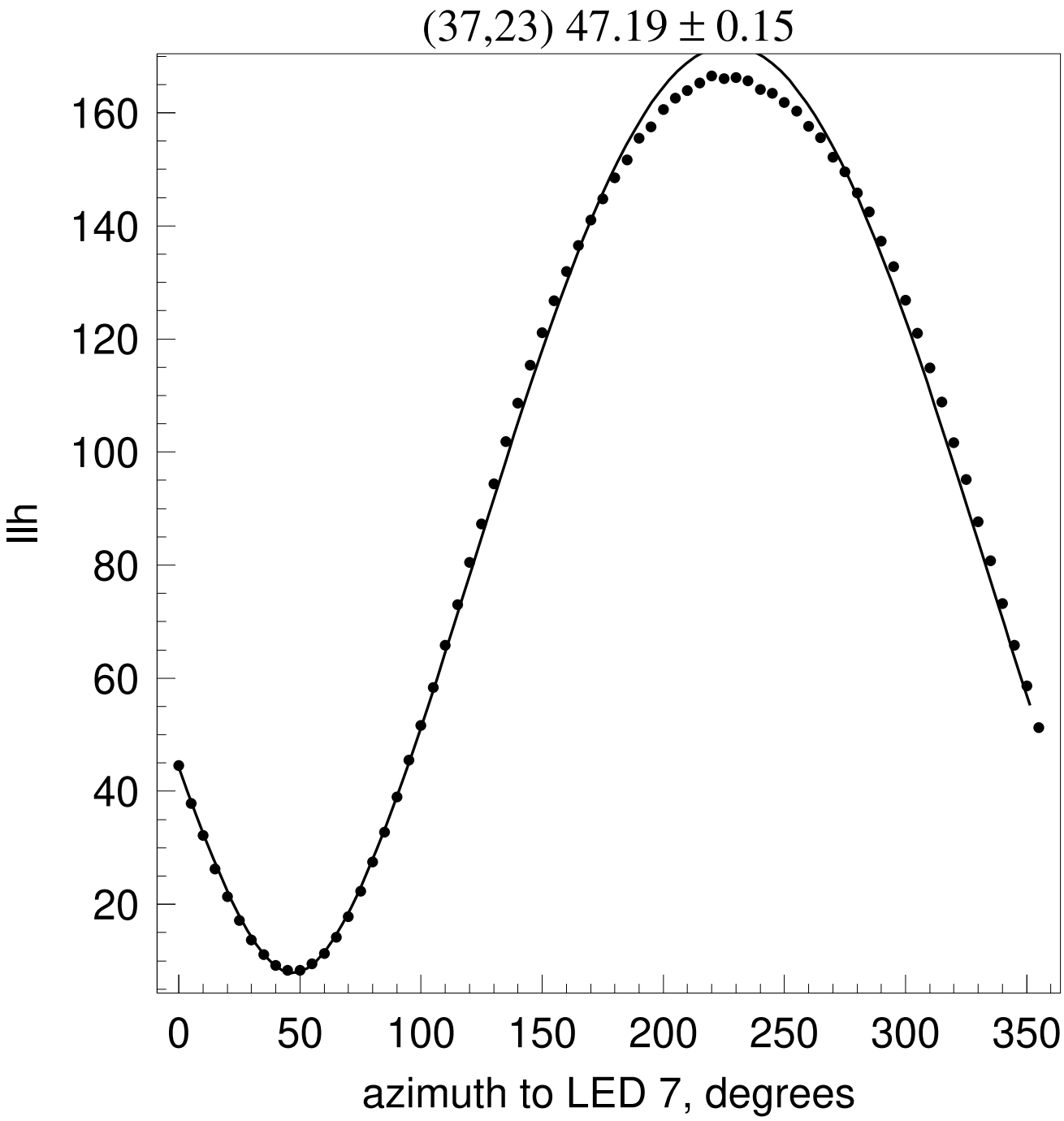

(37,18) 287.01 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

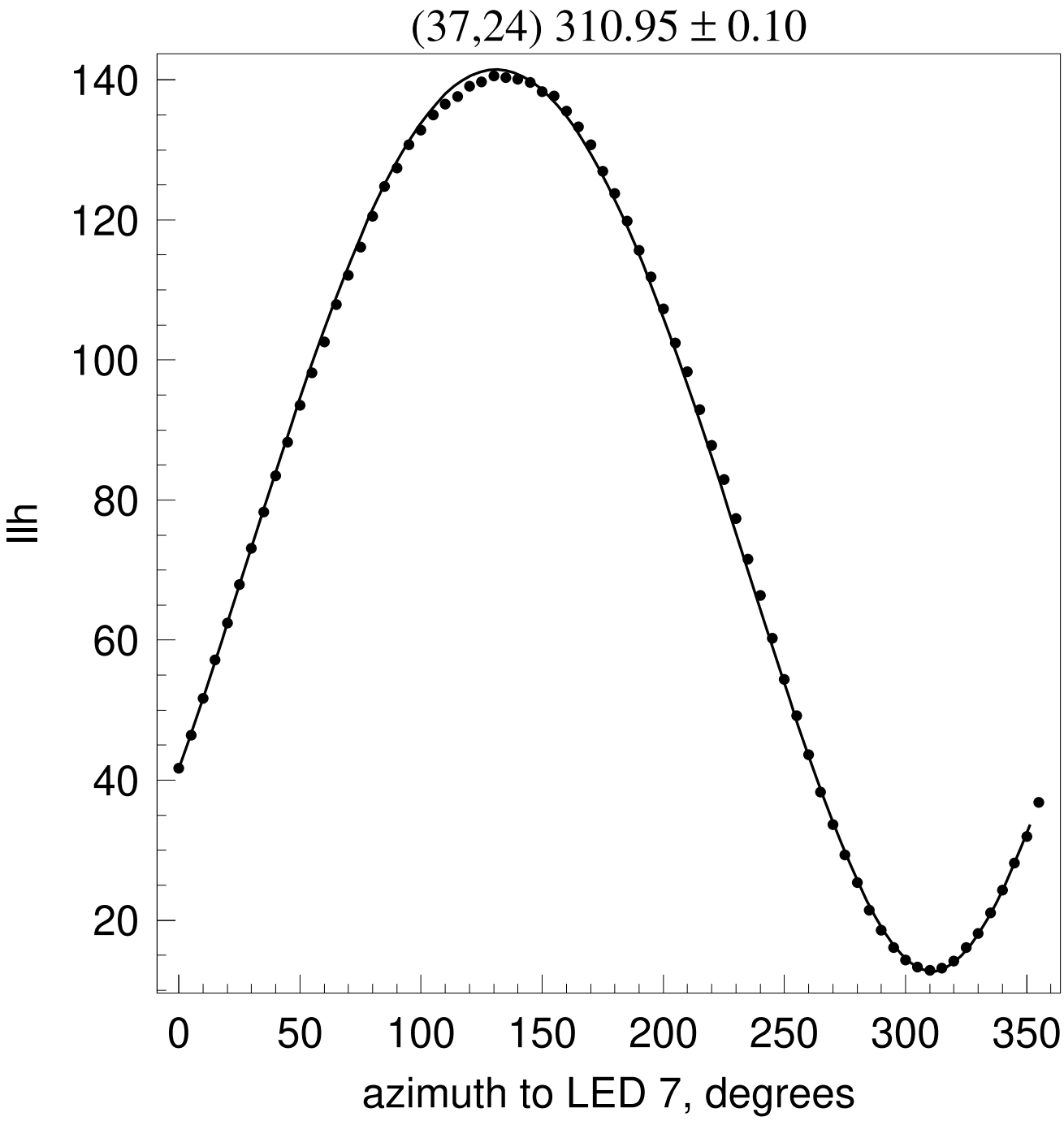

(37,19) 105.95 ± 0.04
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

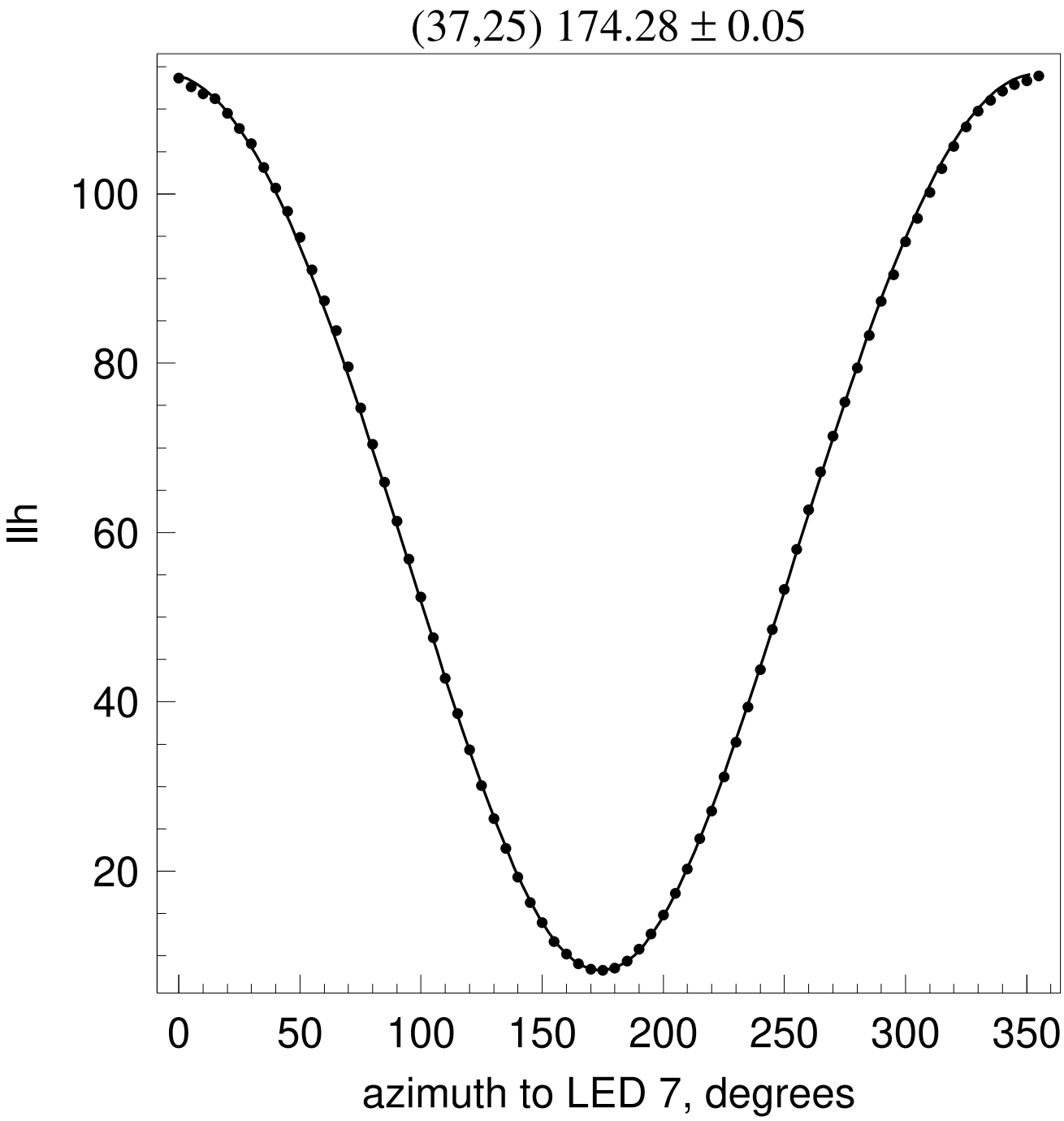

(37,20) 95.93 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

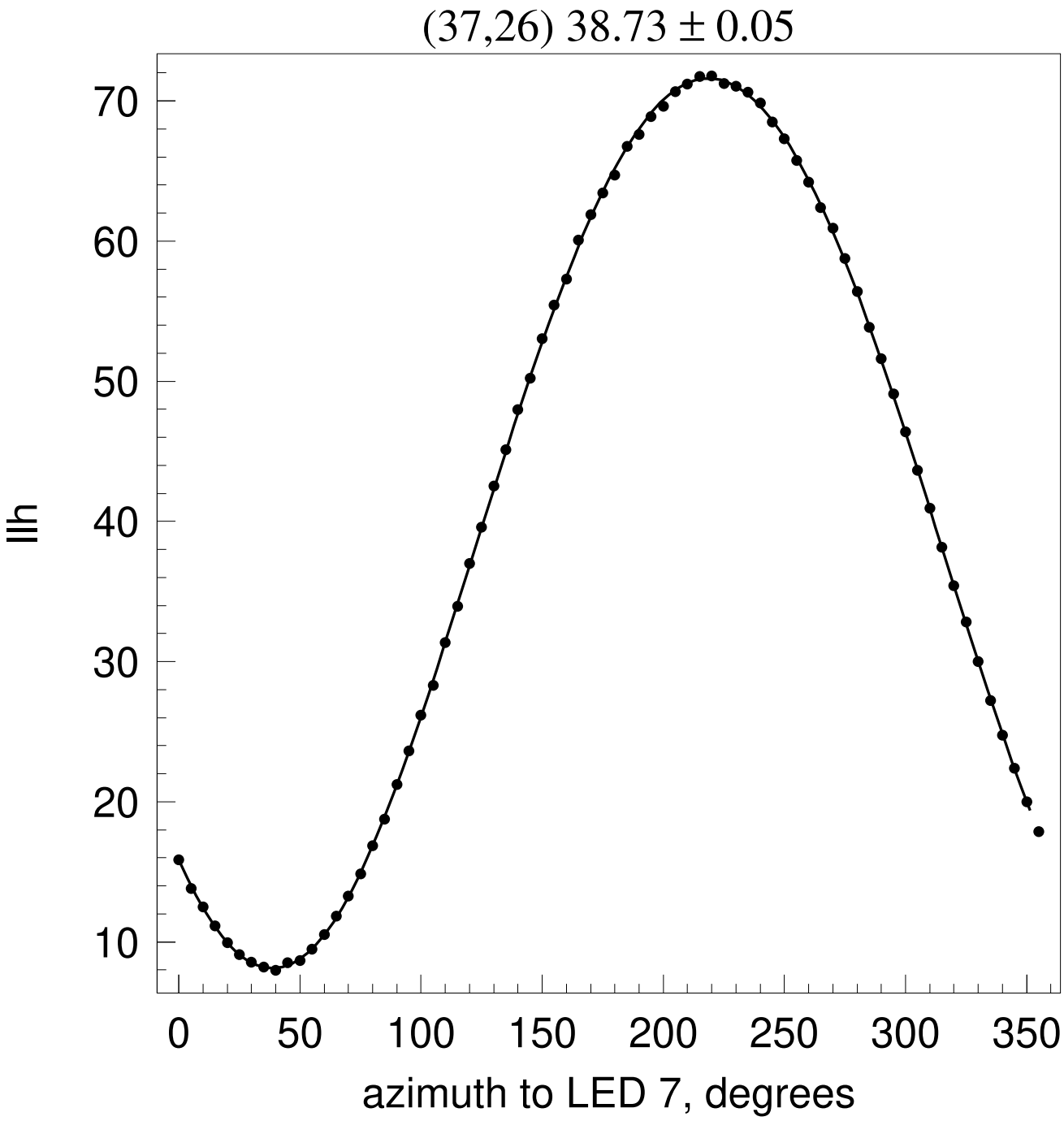

(37,21) 250.33 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

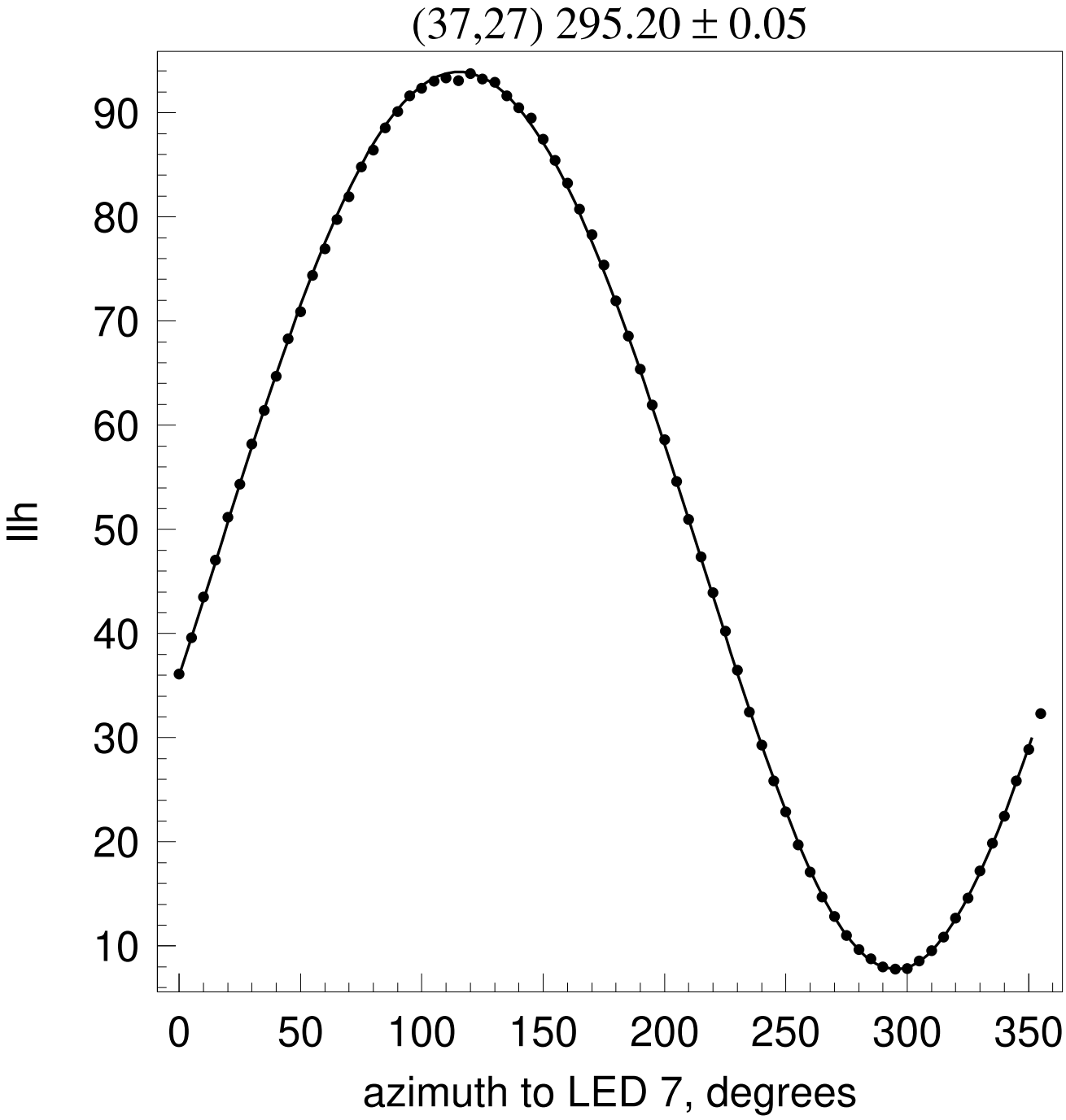

(37,22) 200.50 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

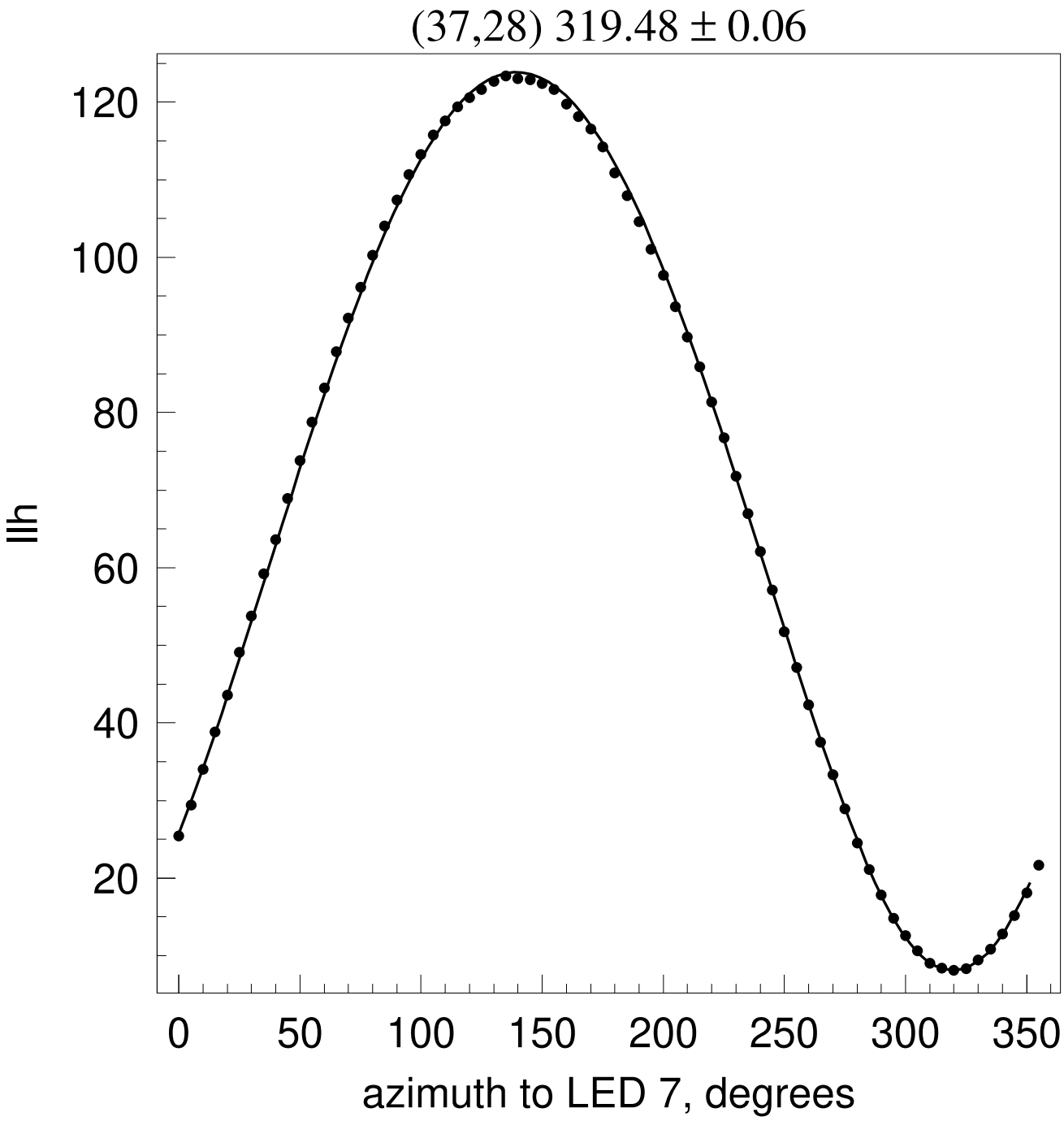

(37,23) 47.19 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

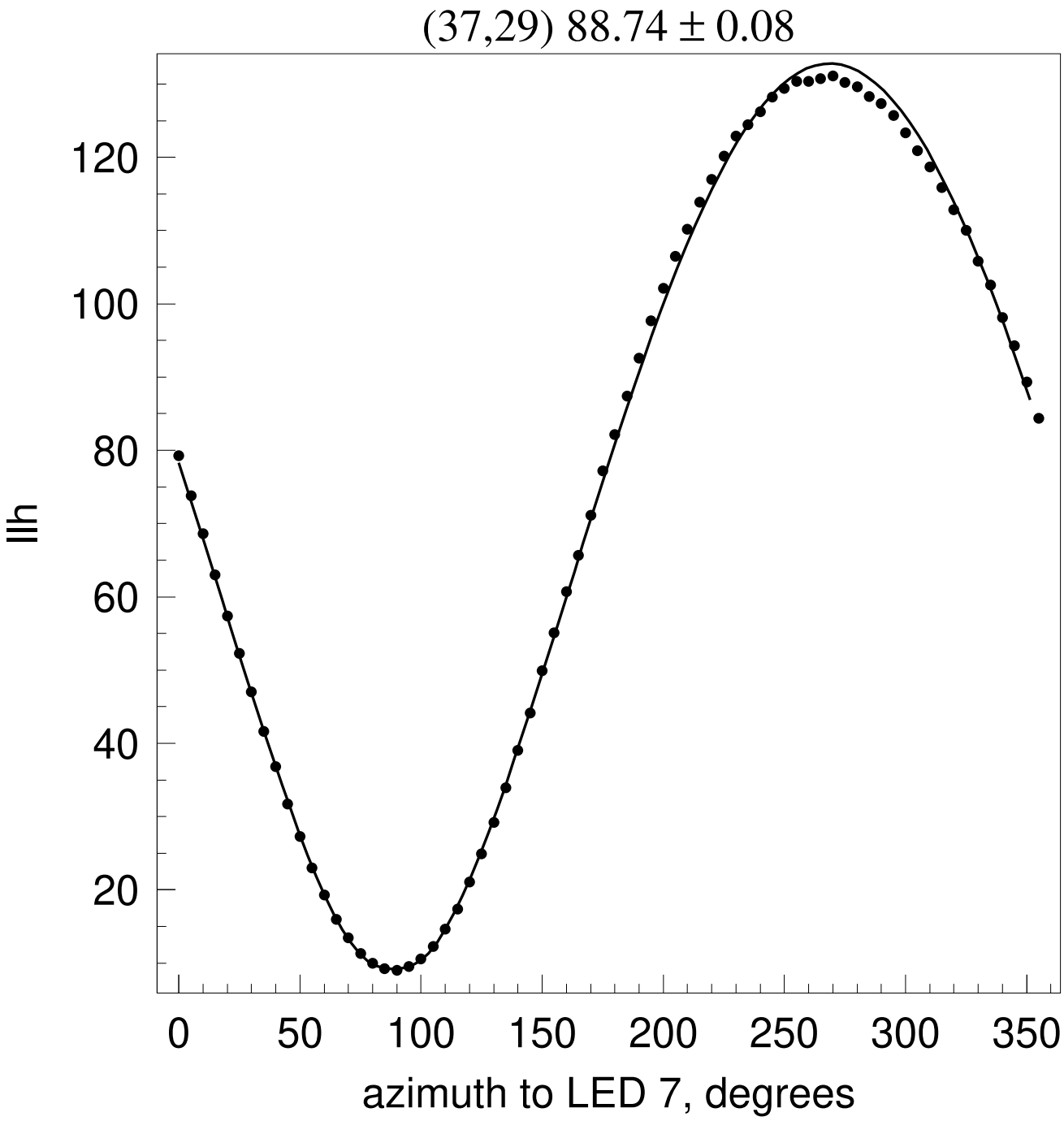

(37,24) 310.95 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

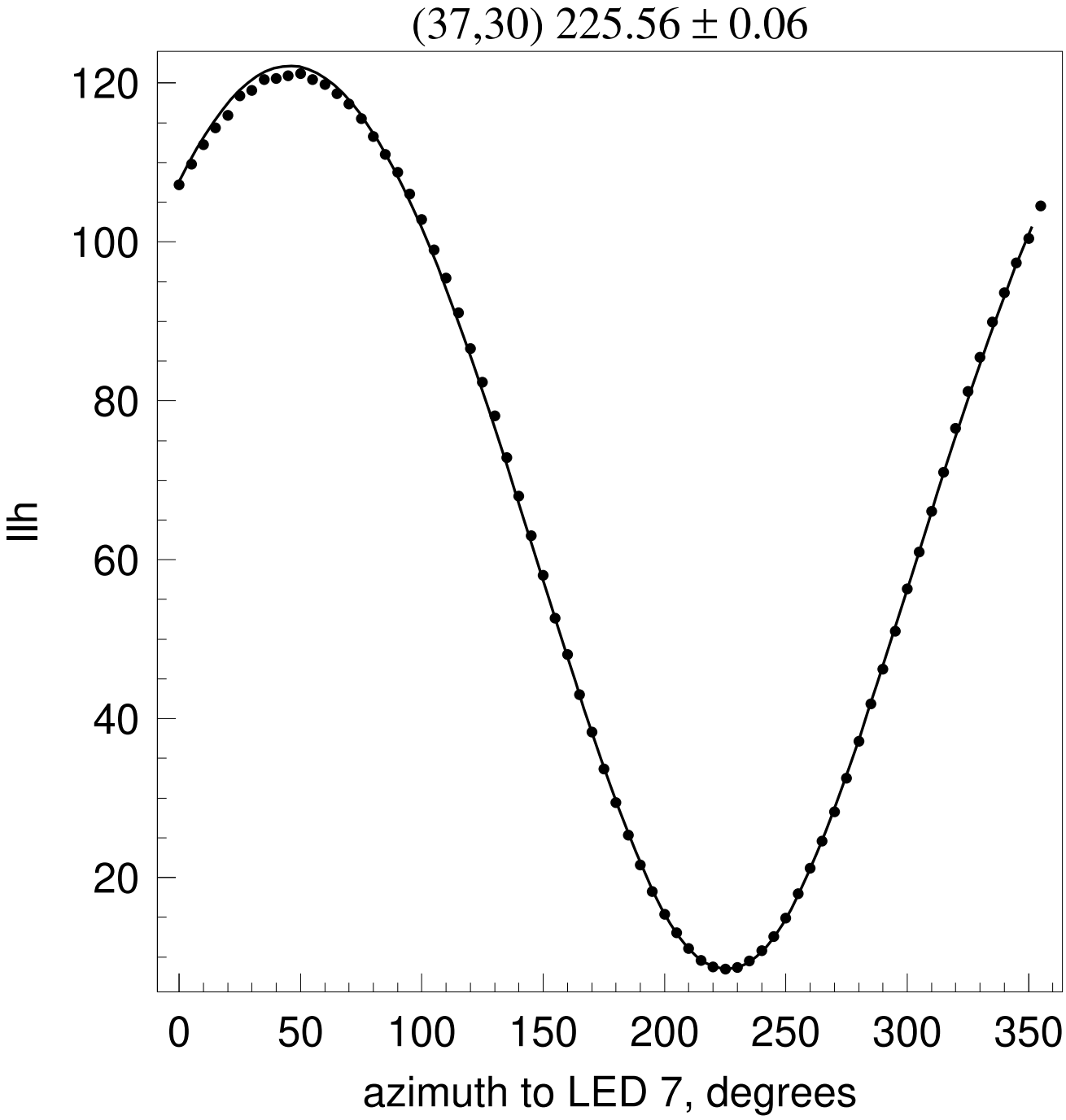

(37,25) 174.28 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

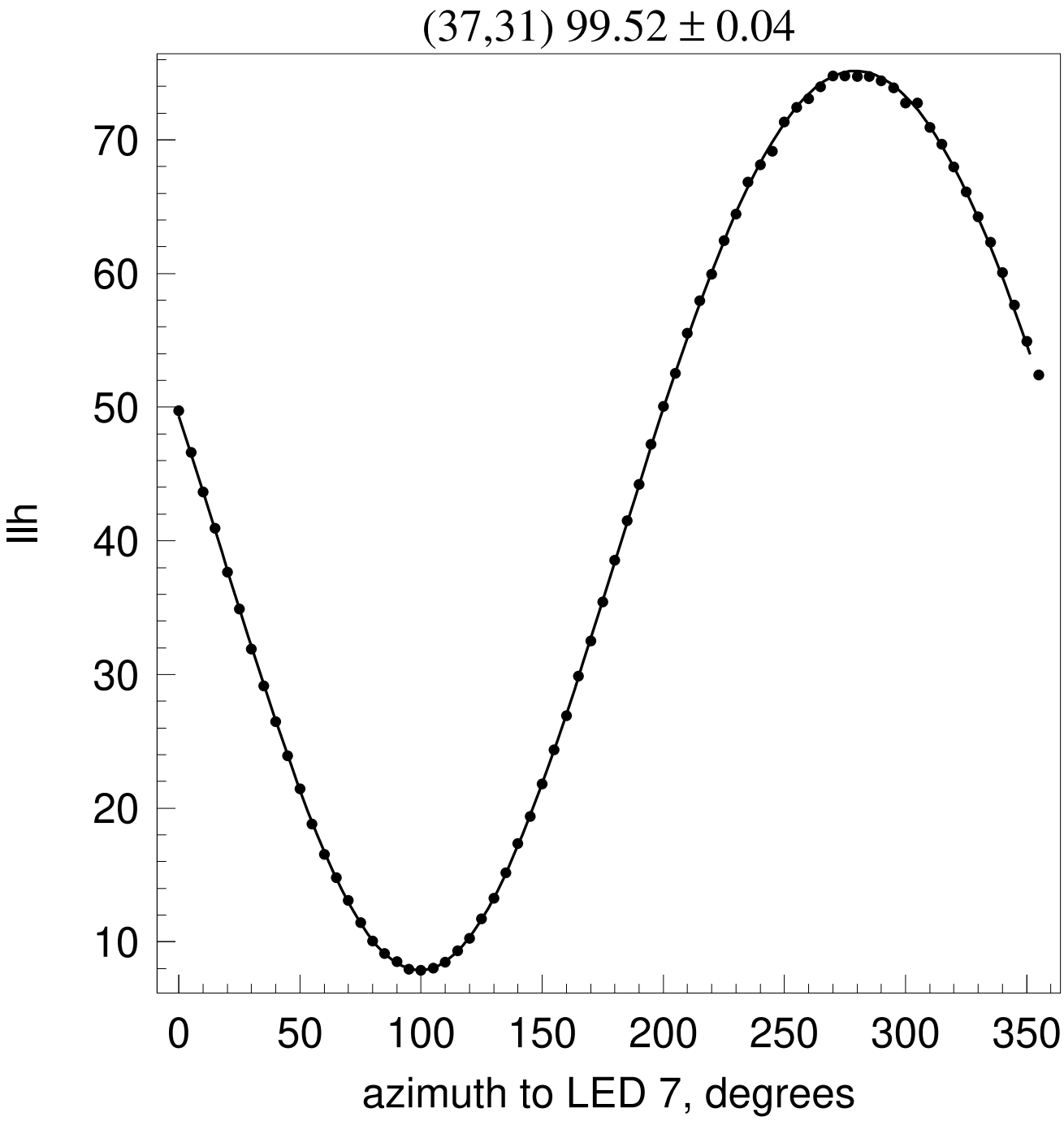

(37,26) 38.73 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

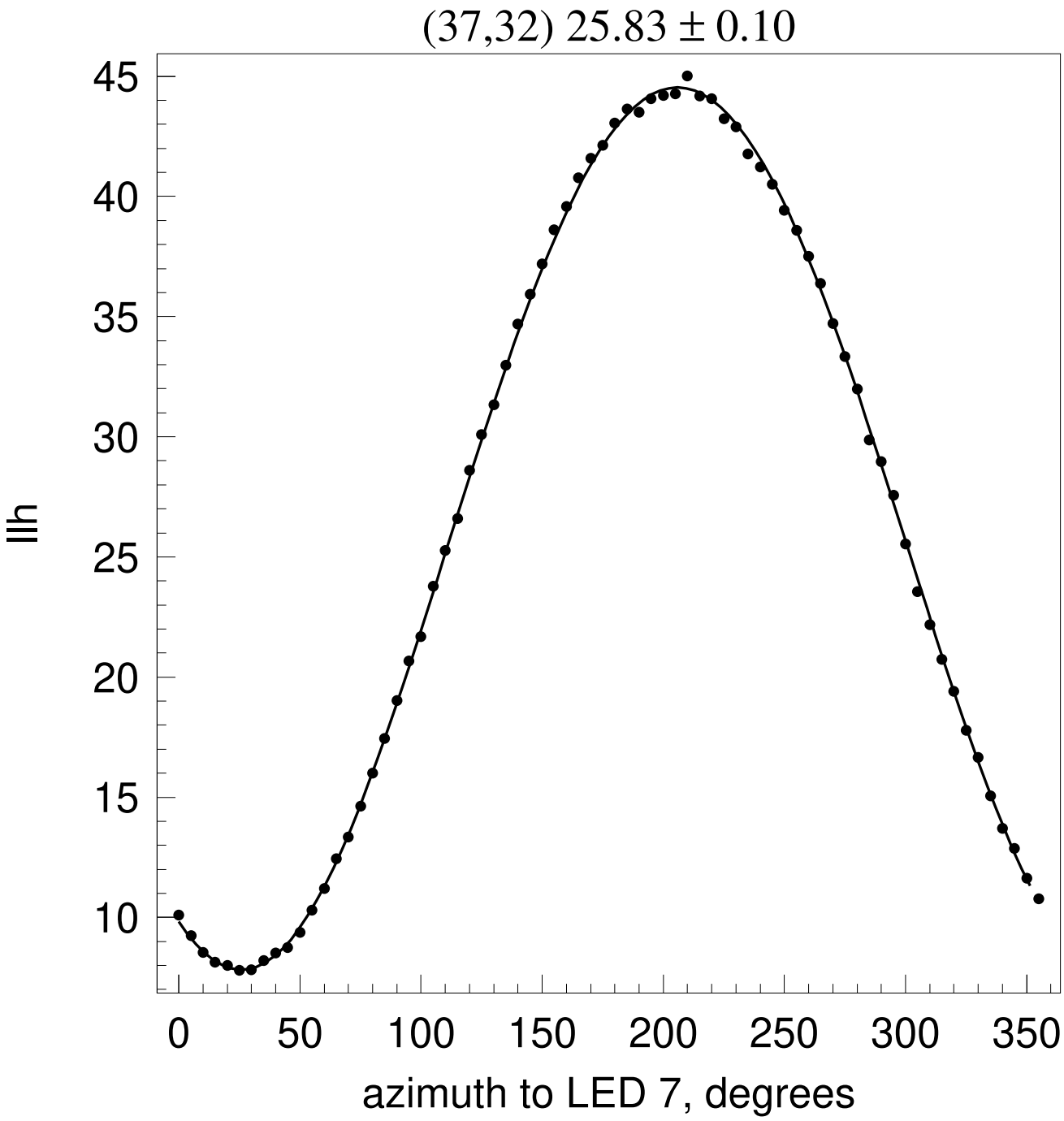

(37,27) 295.20 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

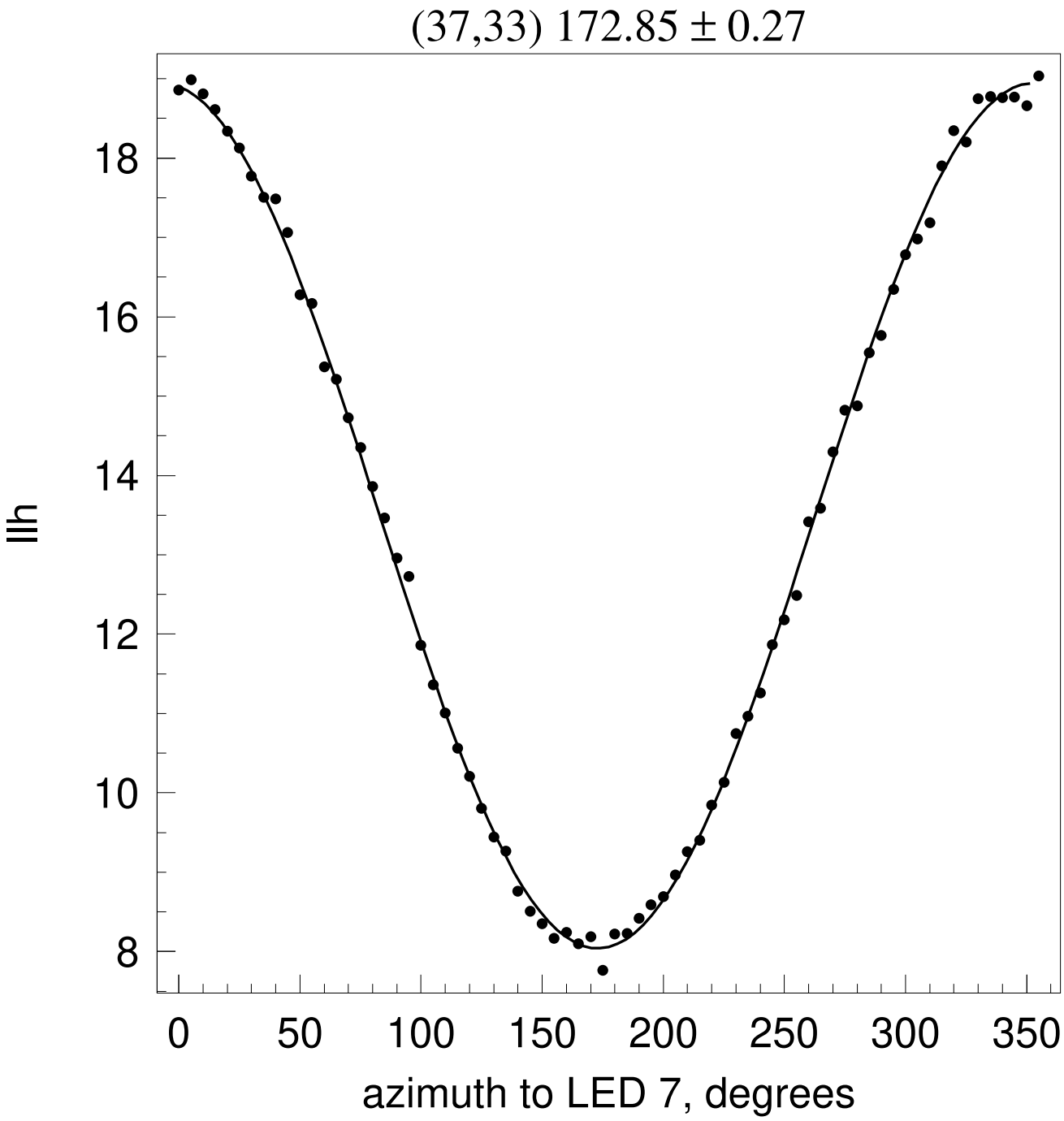

(37,28) 319.48 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

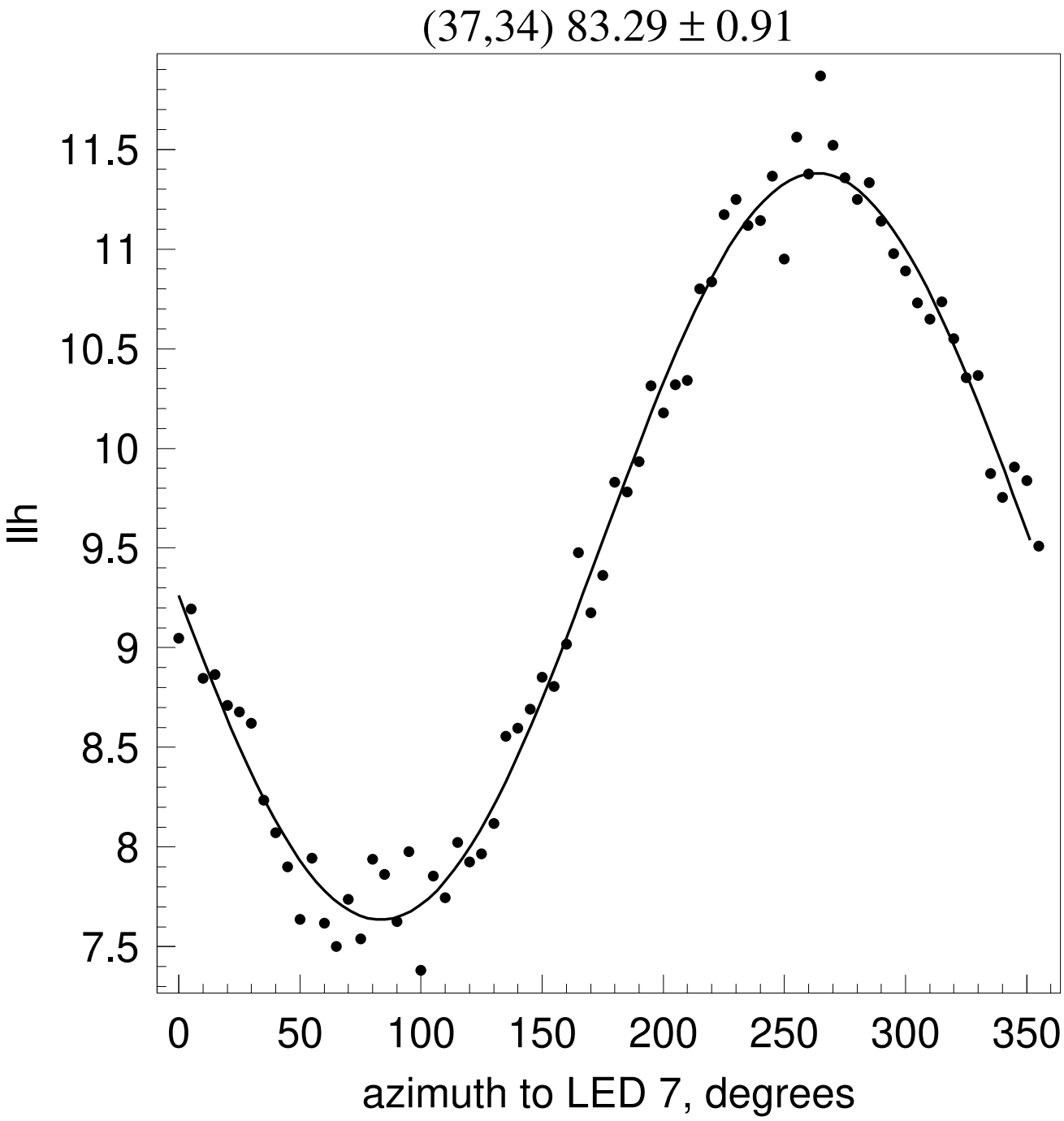

(37,29) 88.74 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

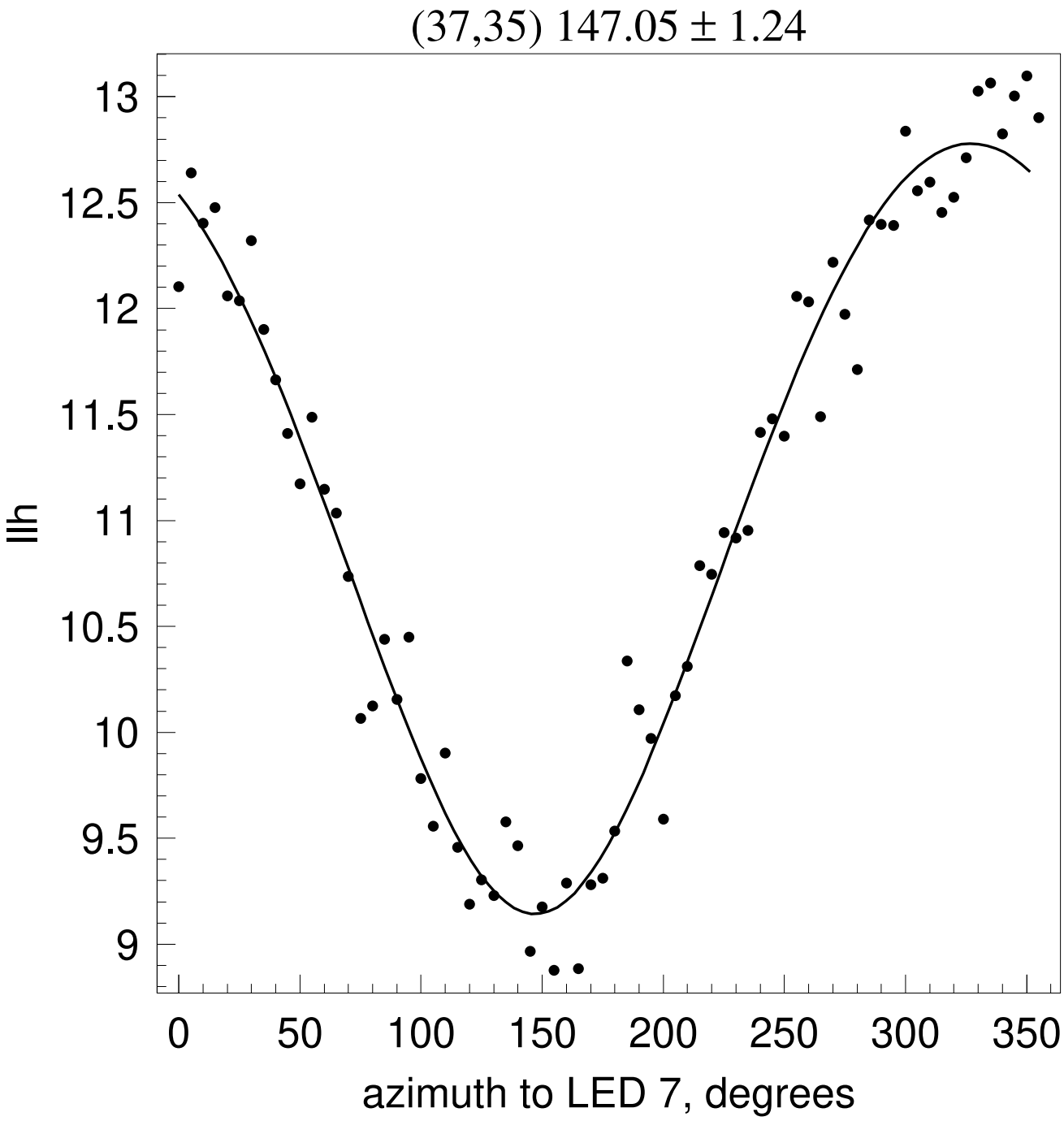

(37,30) 225.56 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

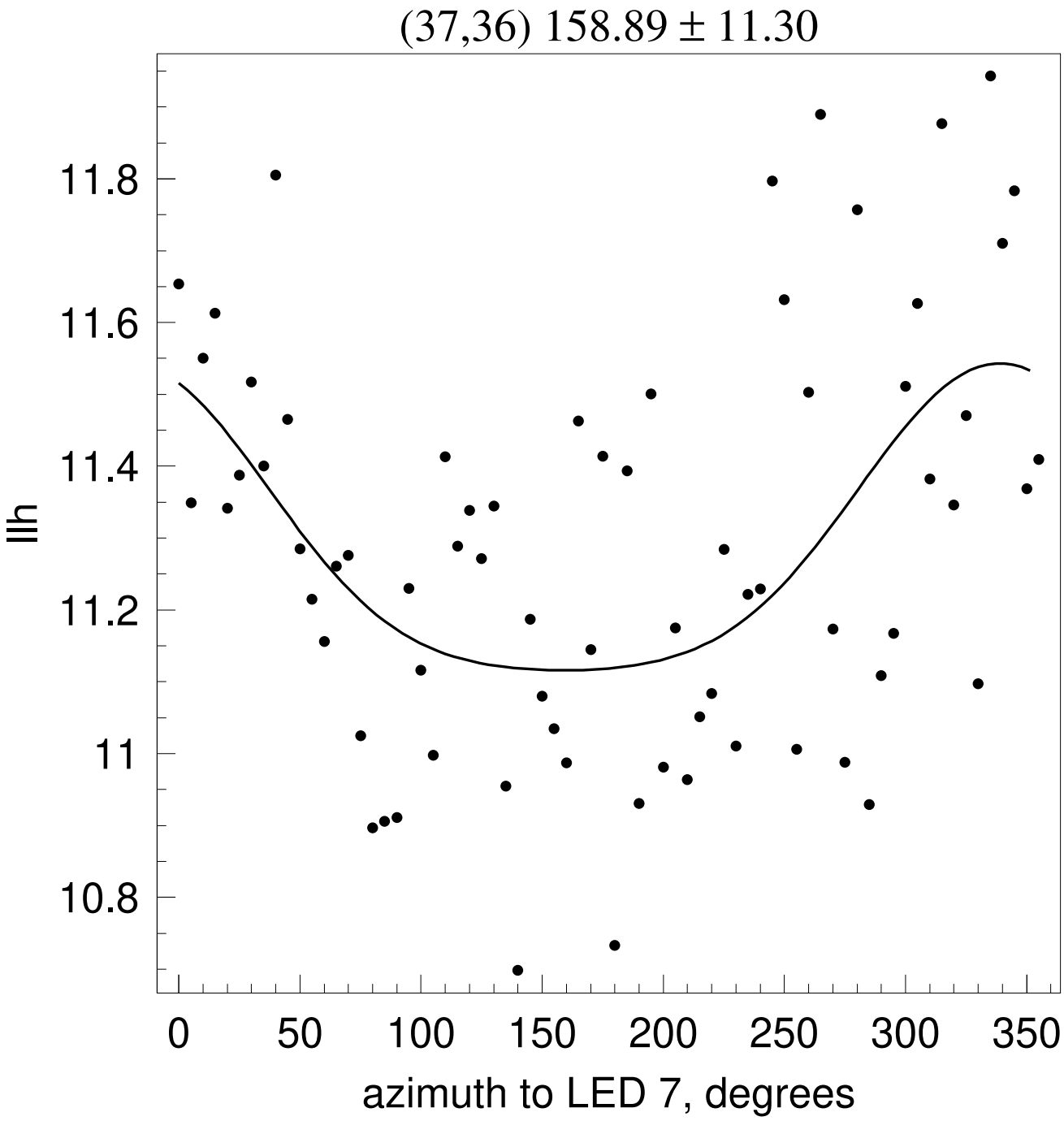

(37,31) 99.52 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

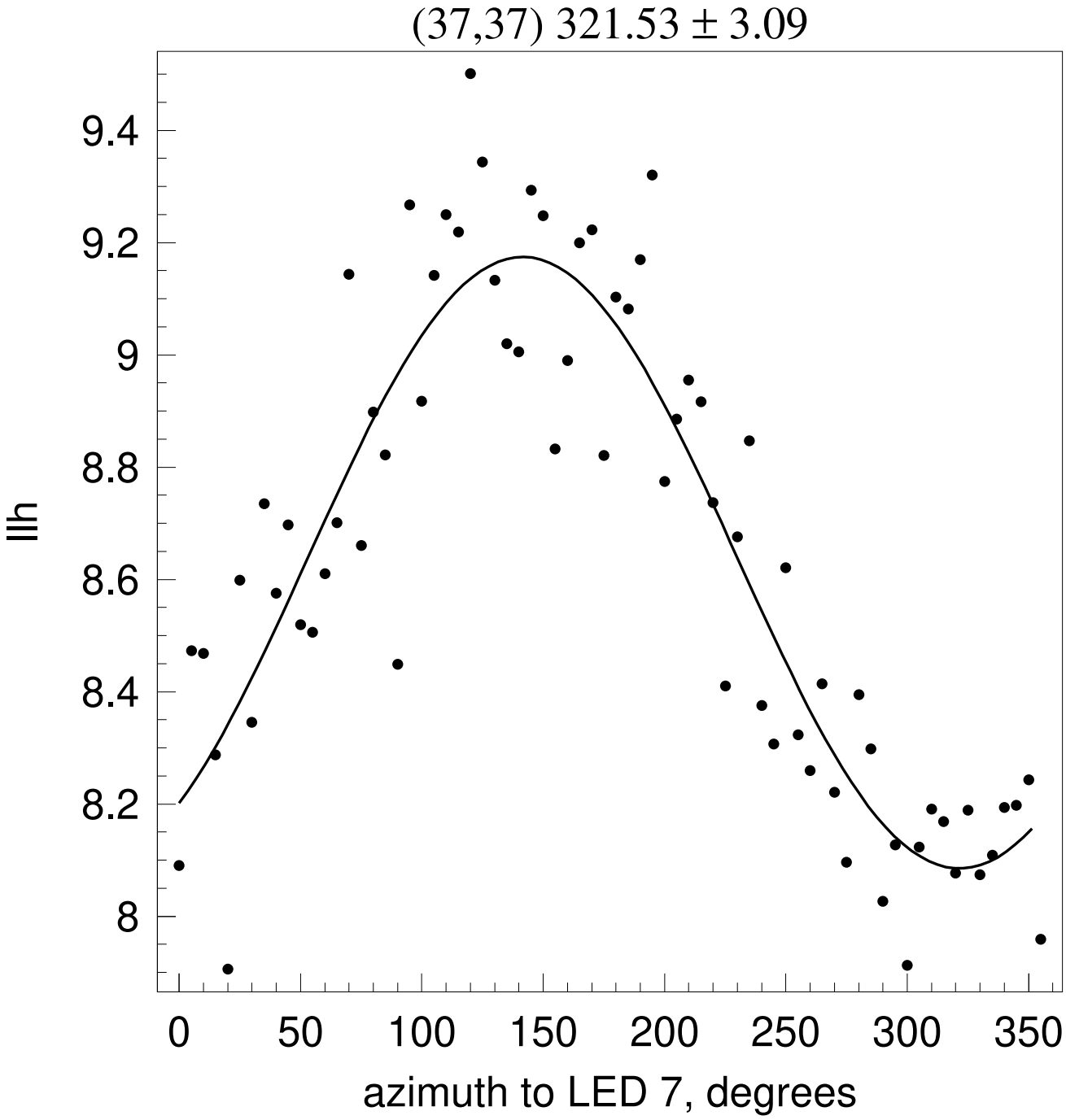

(37,32) 25.83 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

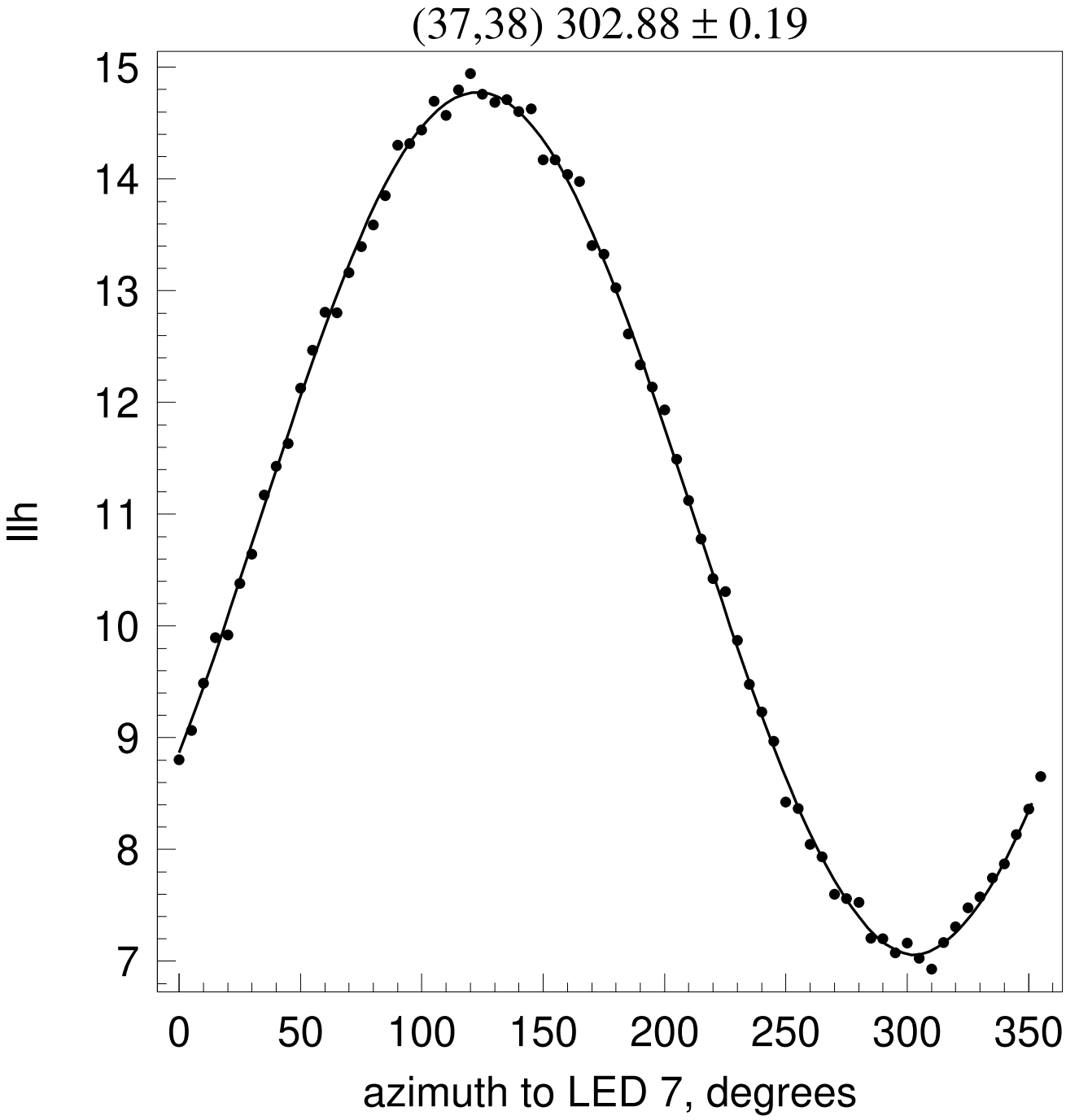

(37,33) 172.85 ± 0.27
18
16
14
12
10
8
I/h
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

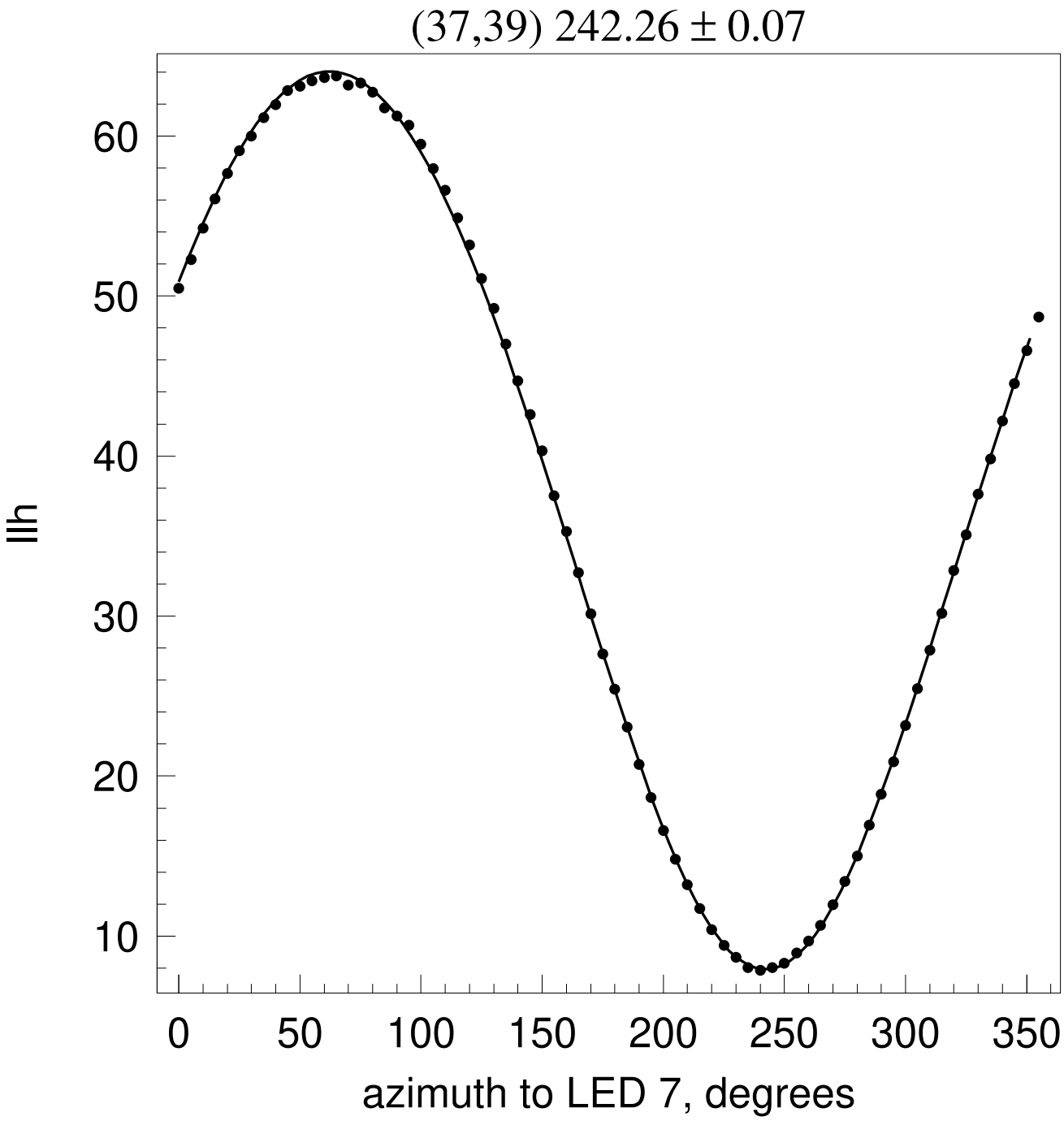

(37,34) 83.29 ± 0.91
11.5
11
10.5
10
9.5
9
8.5
8
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

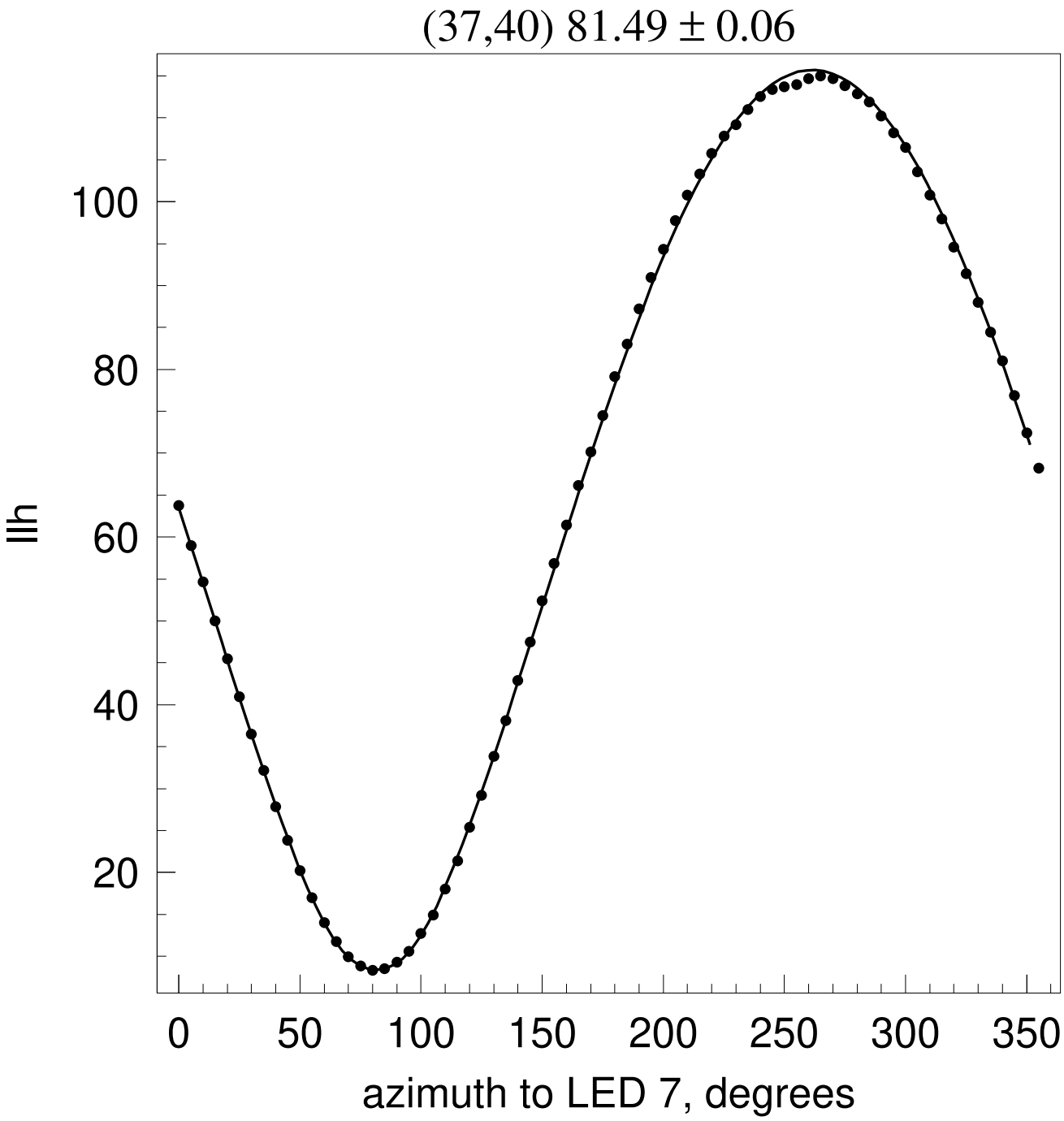

(37,35) 147.05 ± 1.24
13
12.5
12
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

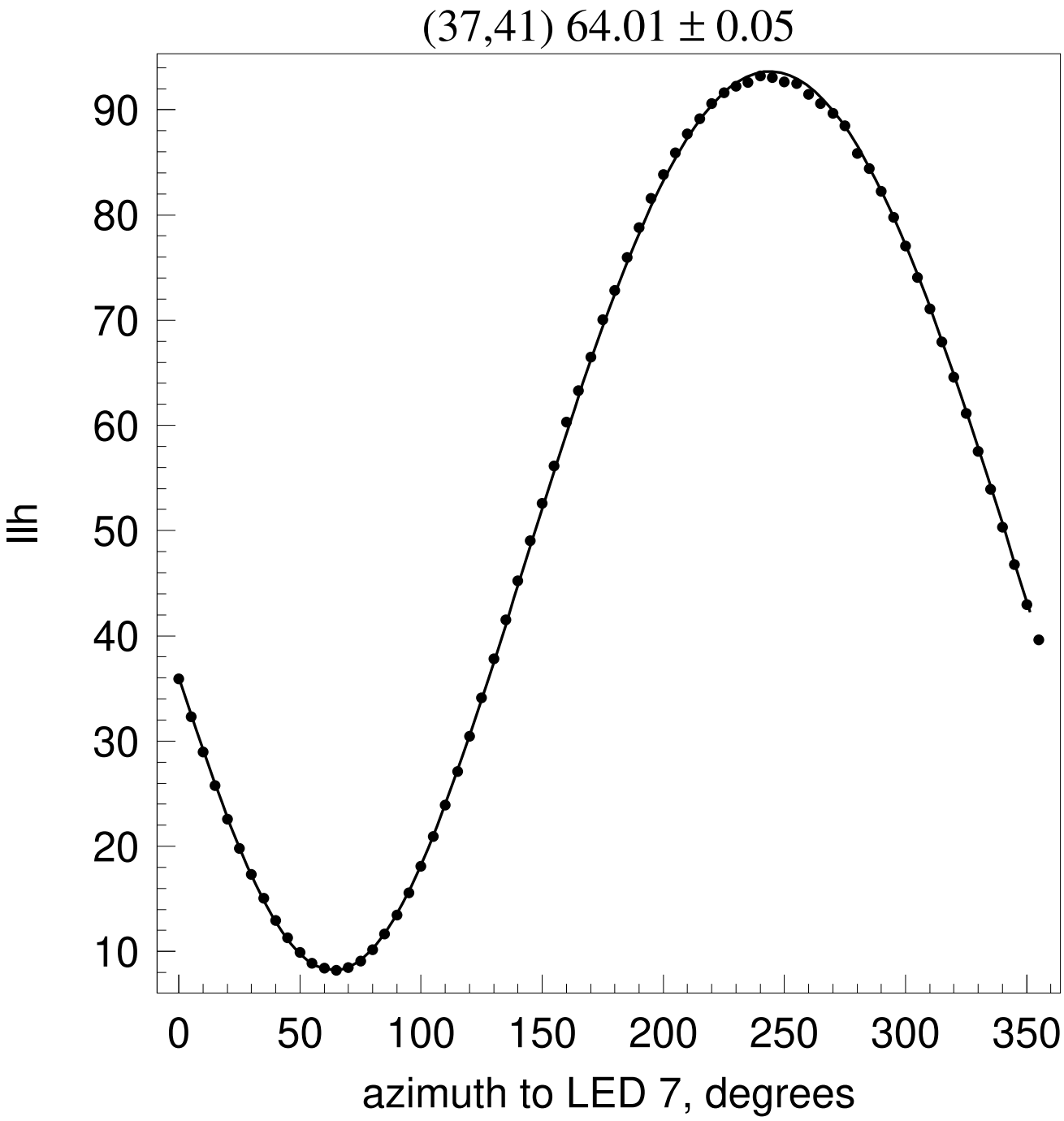

(37,36) 158.89 ± 11.30
11.8
11.6
11.4
11.2
11
10.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

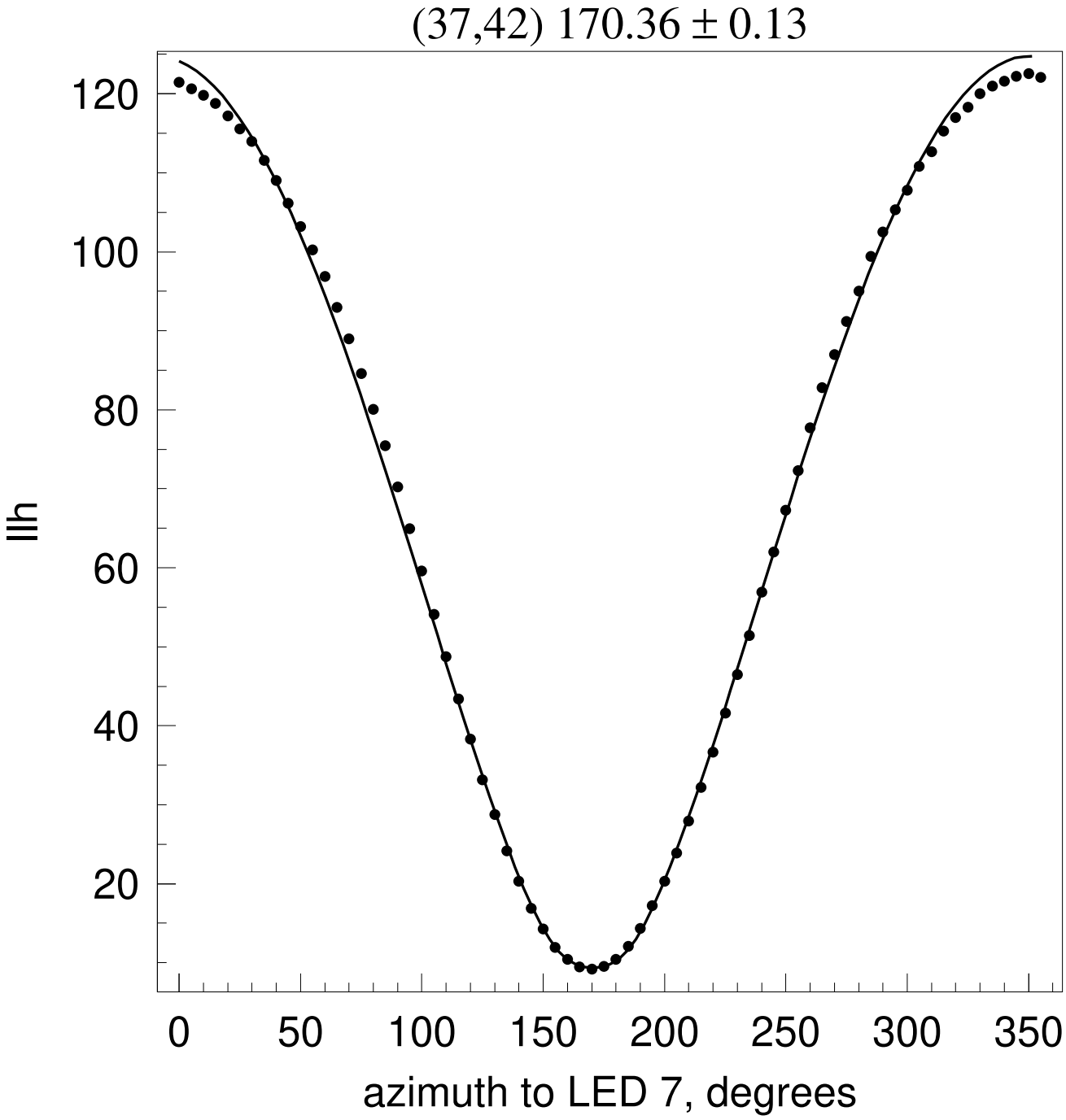

(37,37) 321.53 ± 3.09
llh
9.4
9.2
9
8.8
8.6
8.4
8.2
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

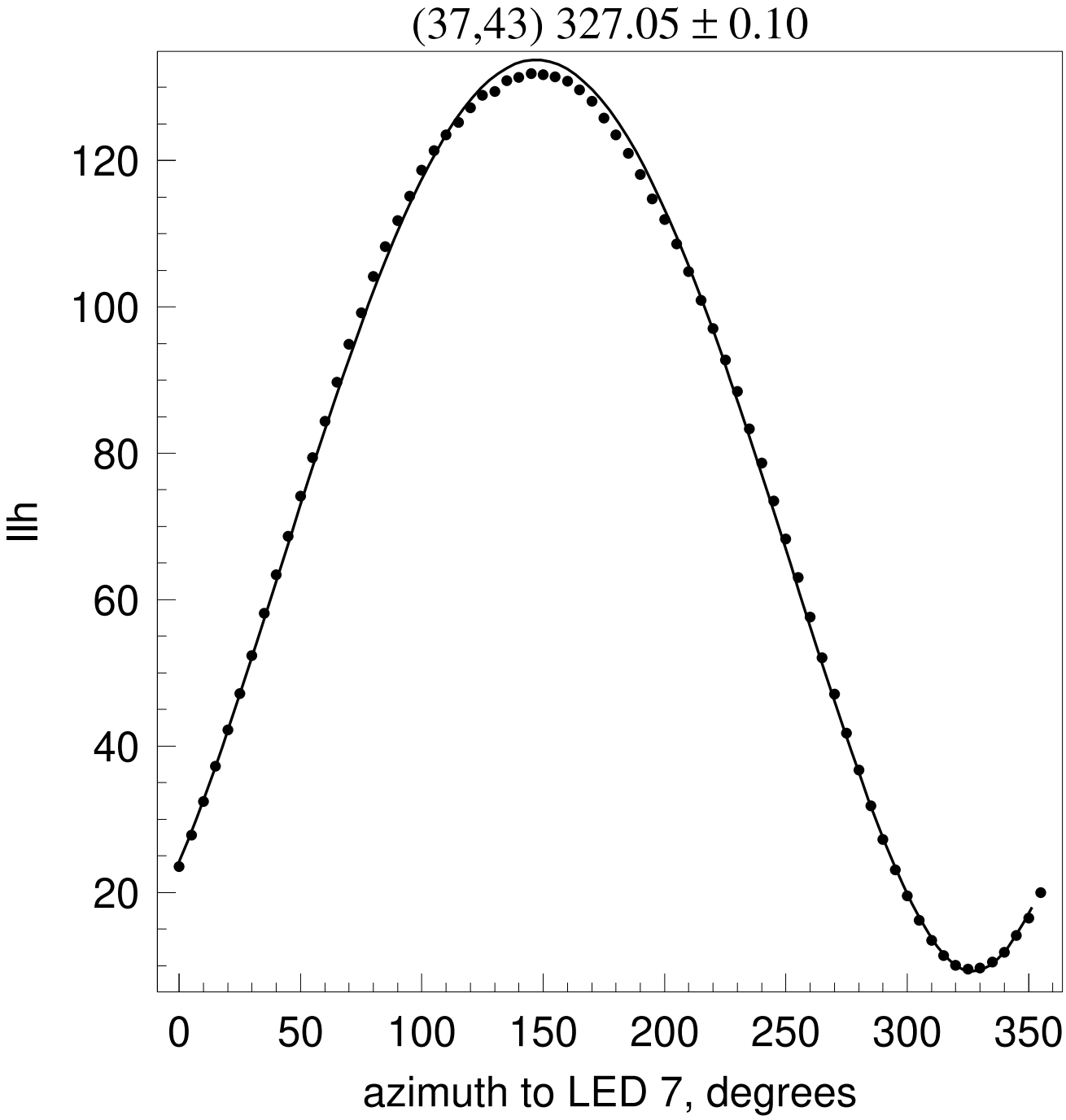

(37,38) 302.88 ± 0.19
15
14
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

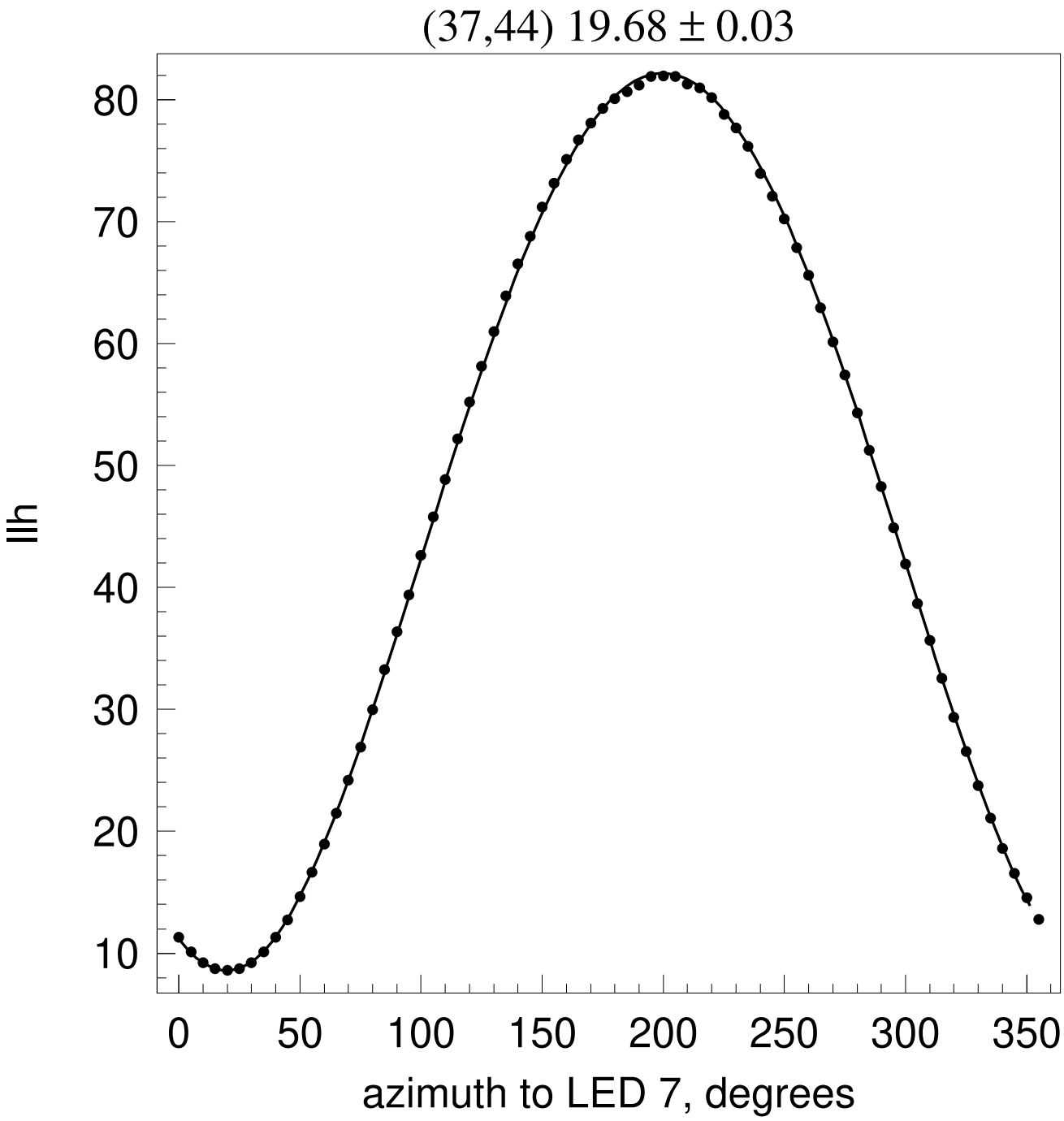

(37,39) 242.26 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

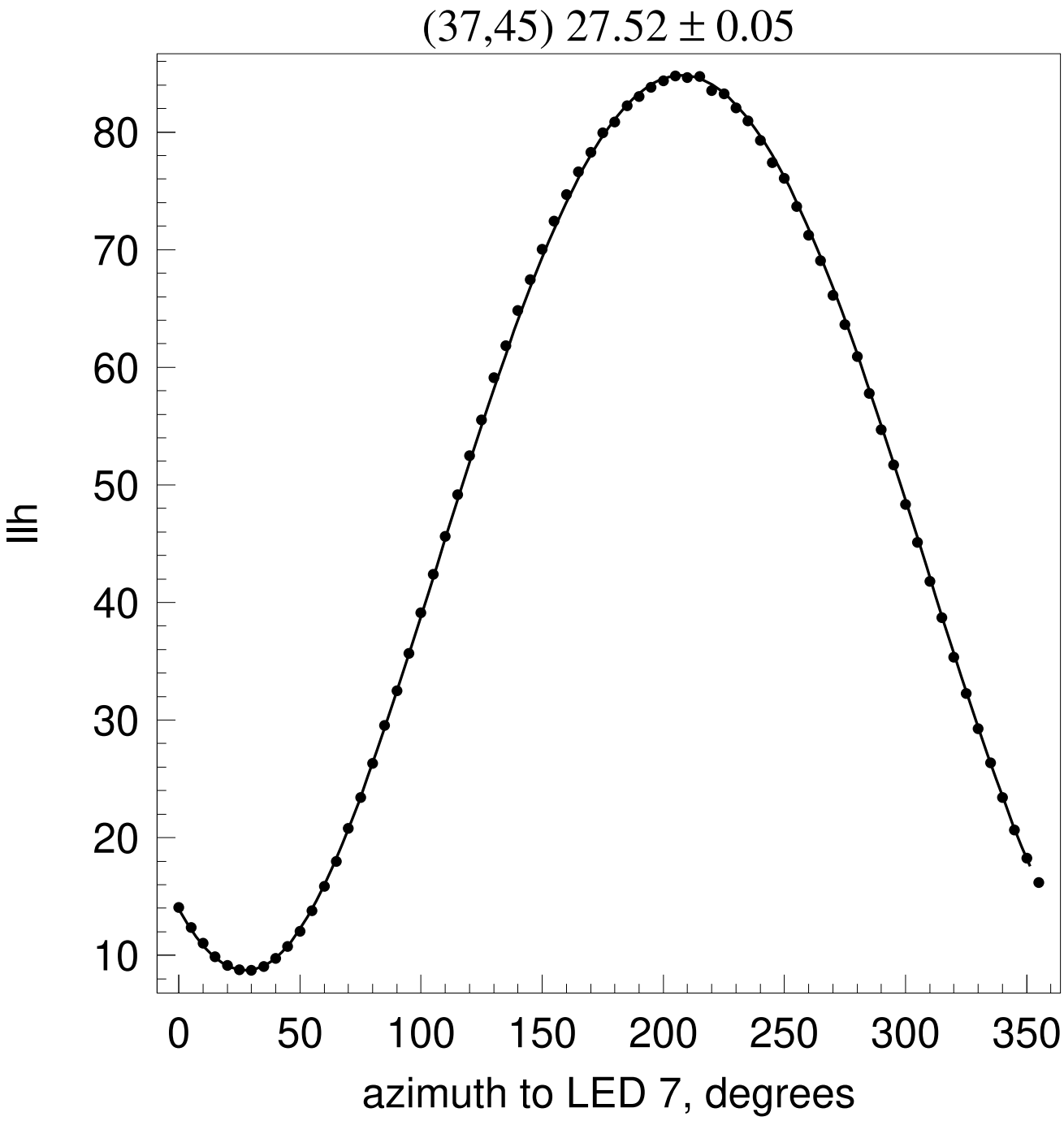

(37,40) 81.49 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

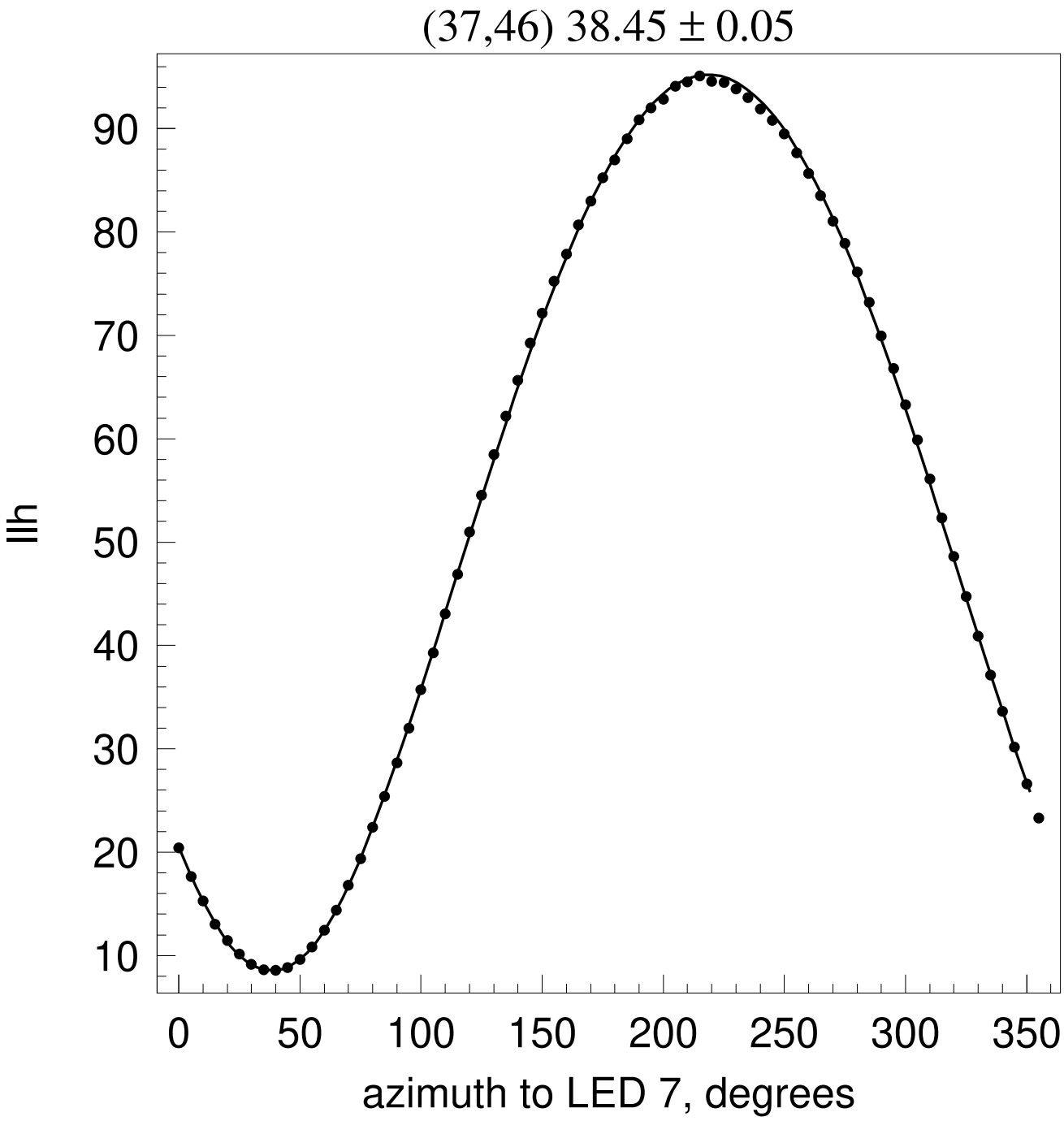

(37,41) 64.01 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

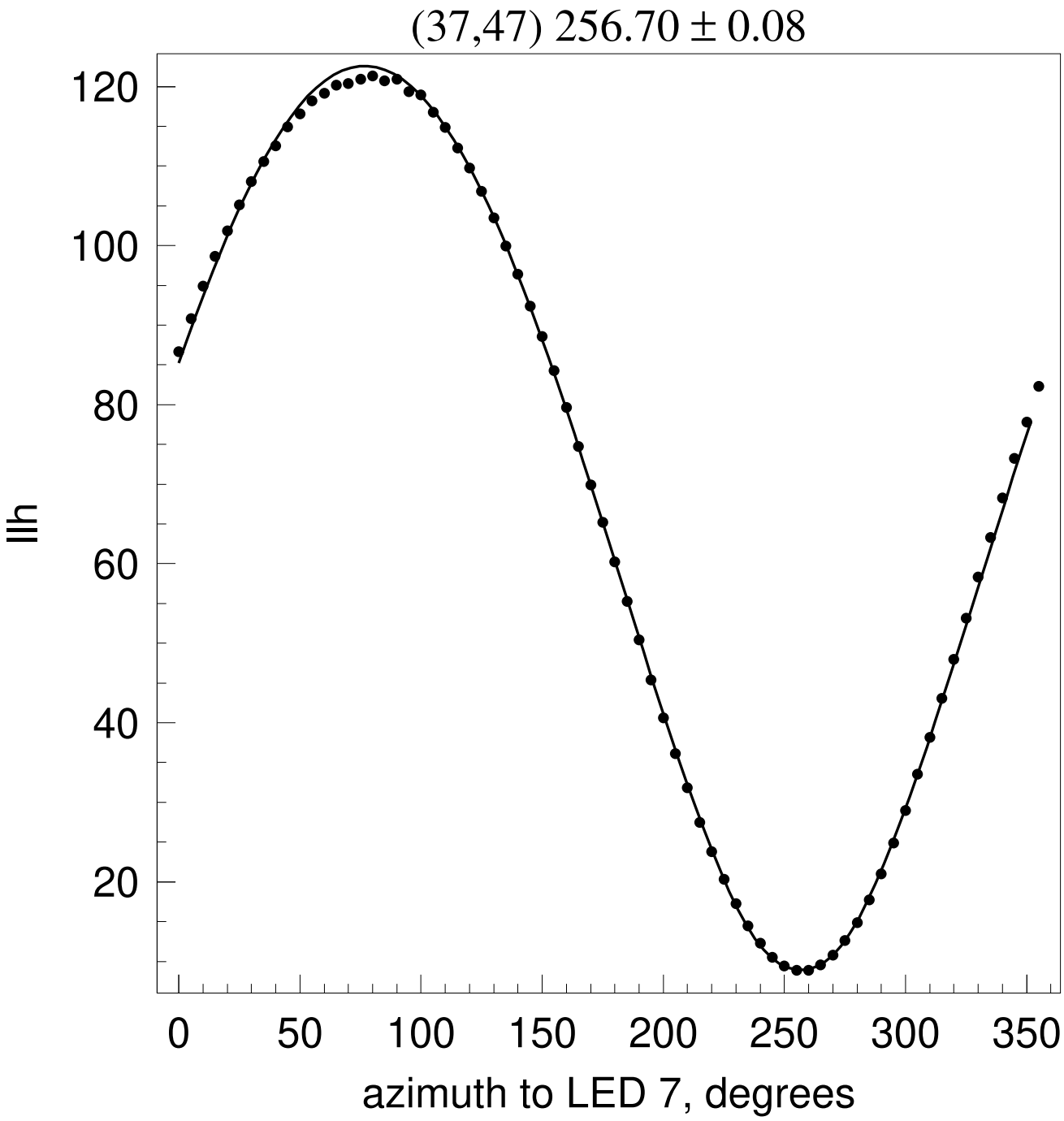

(37,42) 170.36 ± 0.13
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

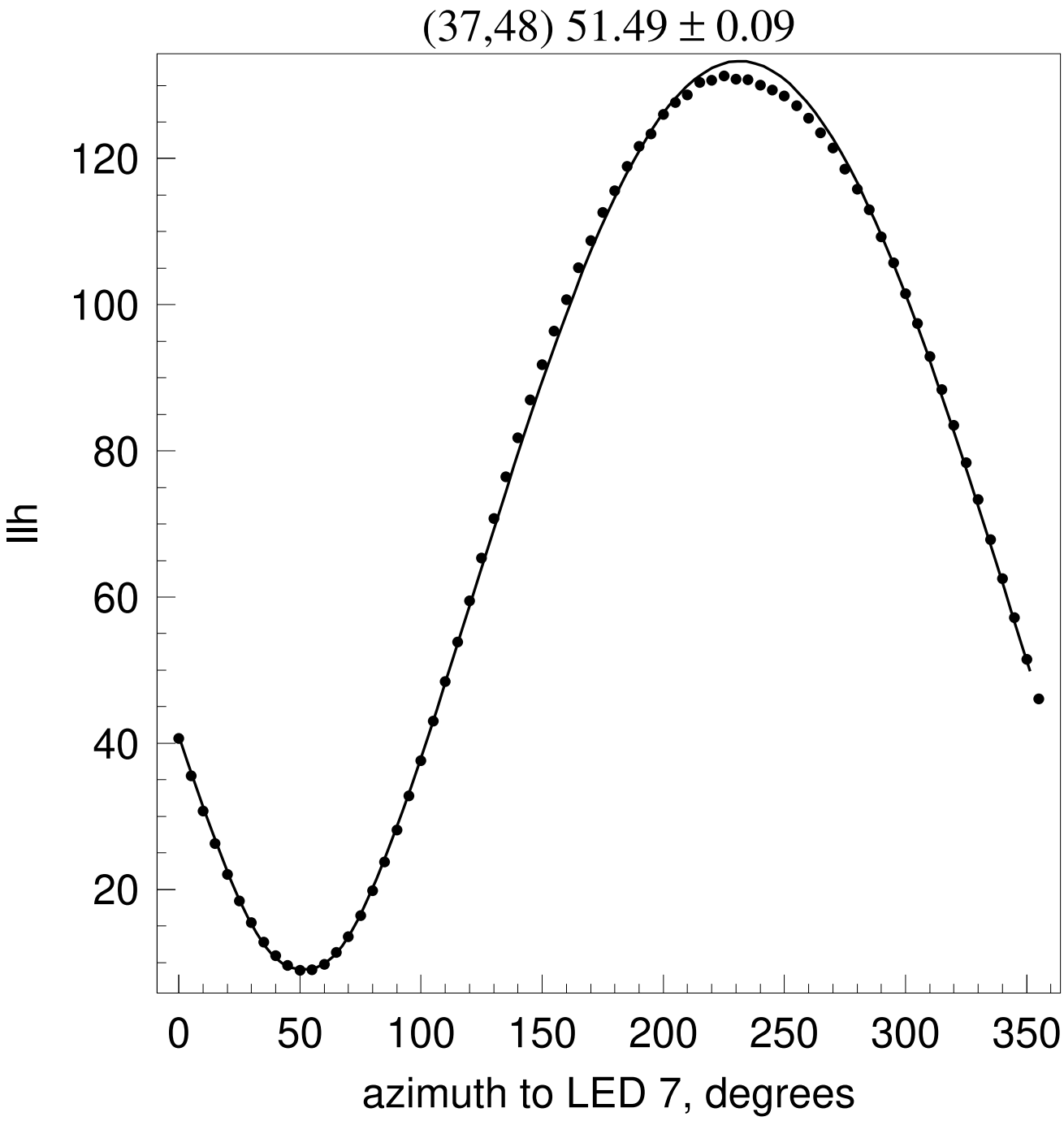

(37,43) 327.05 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

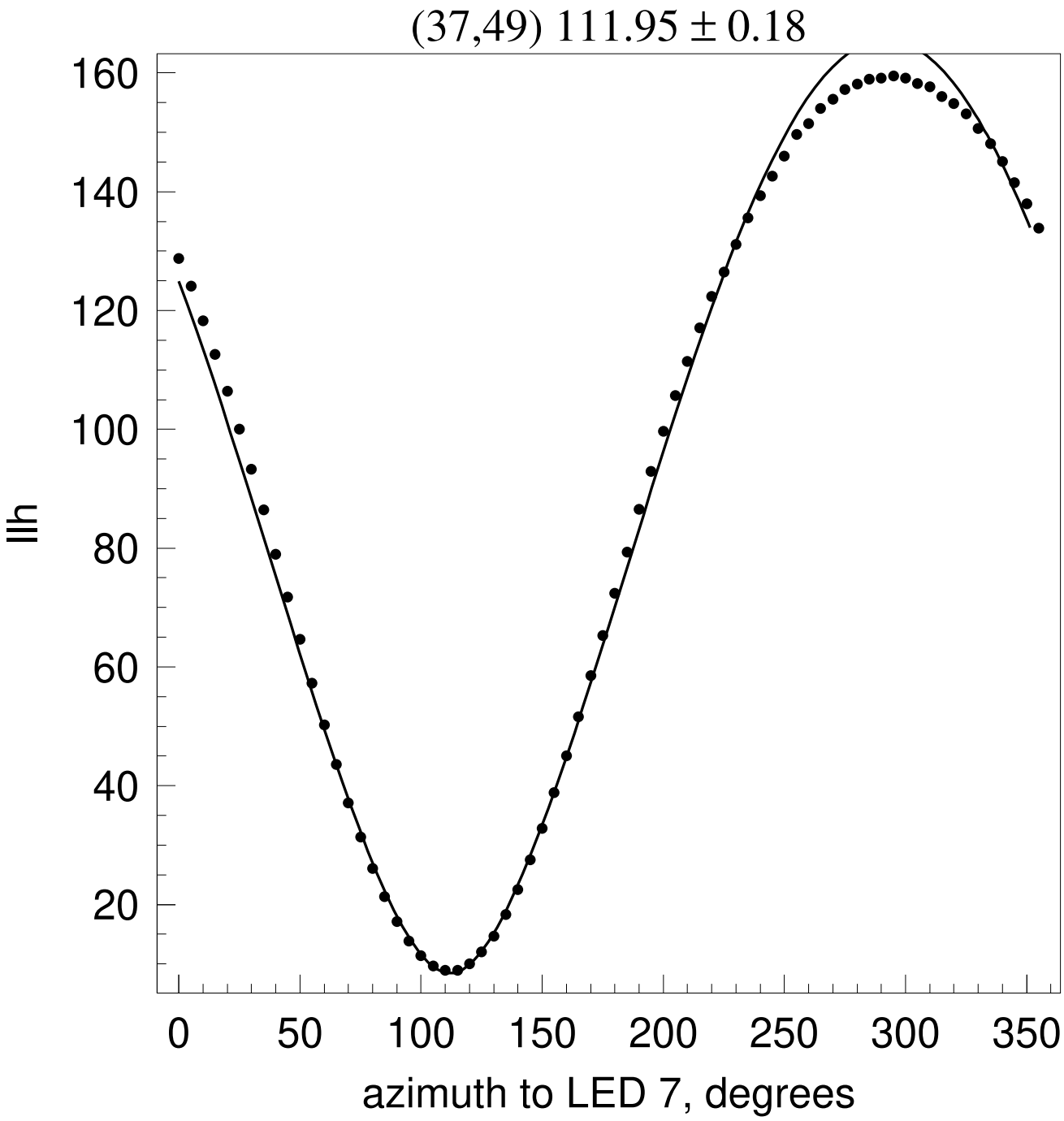

(37,44) 19.68 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

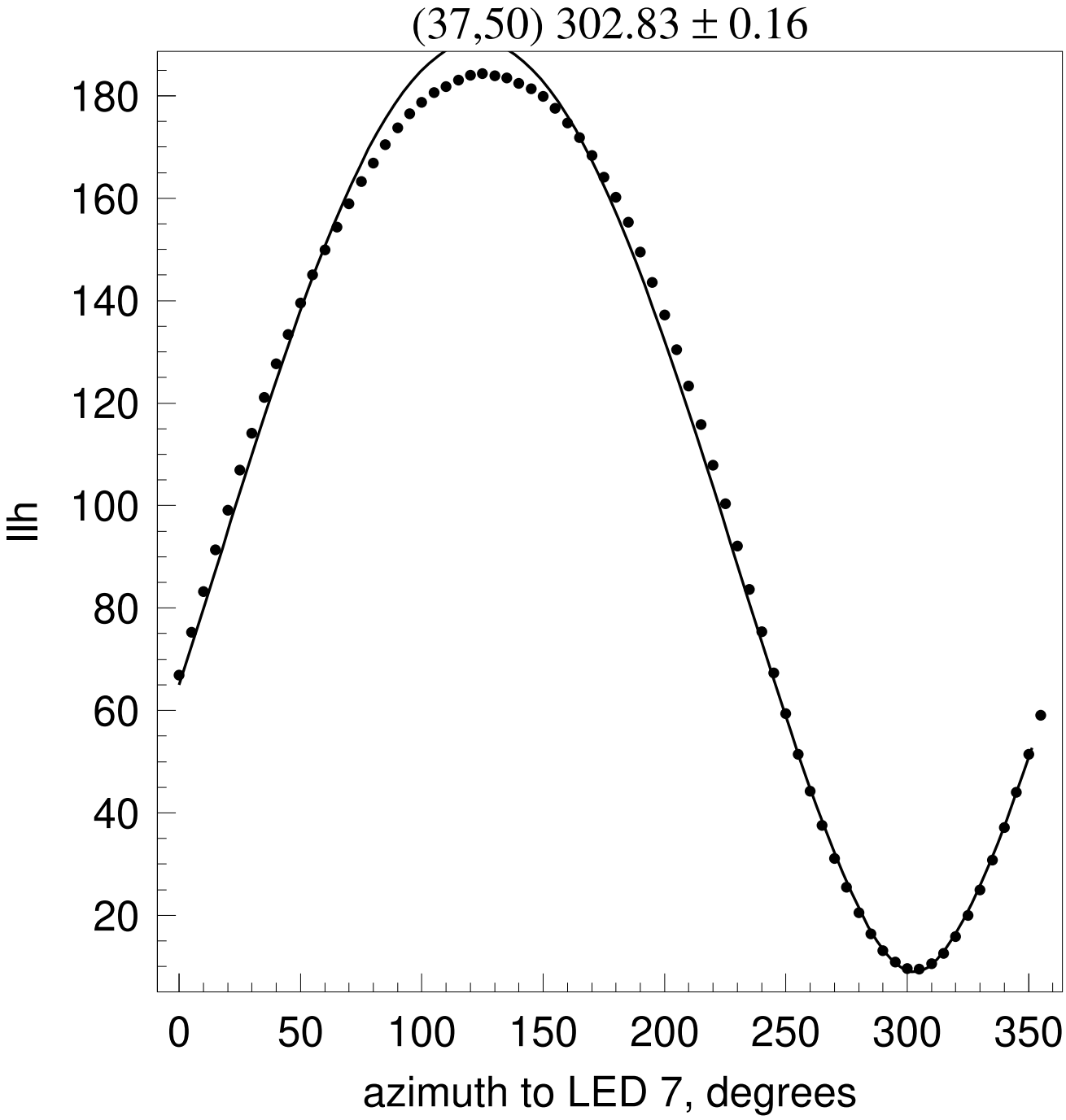

(37,45) 27.52 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

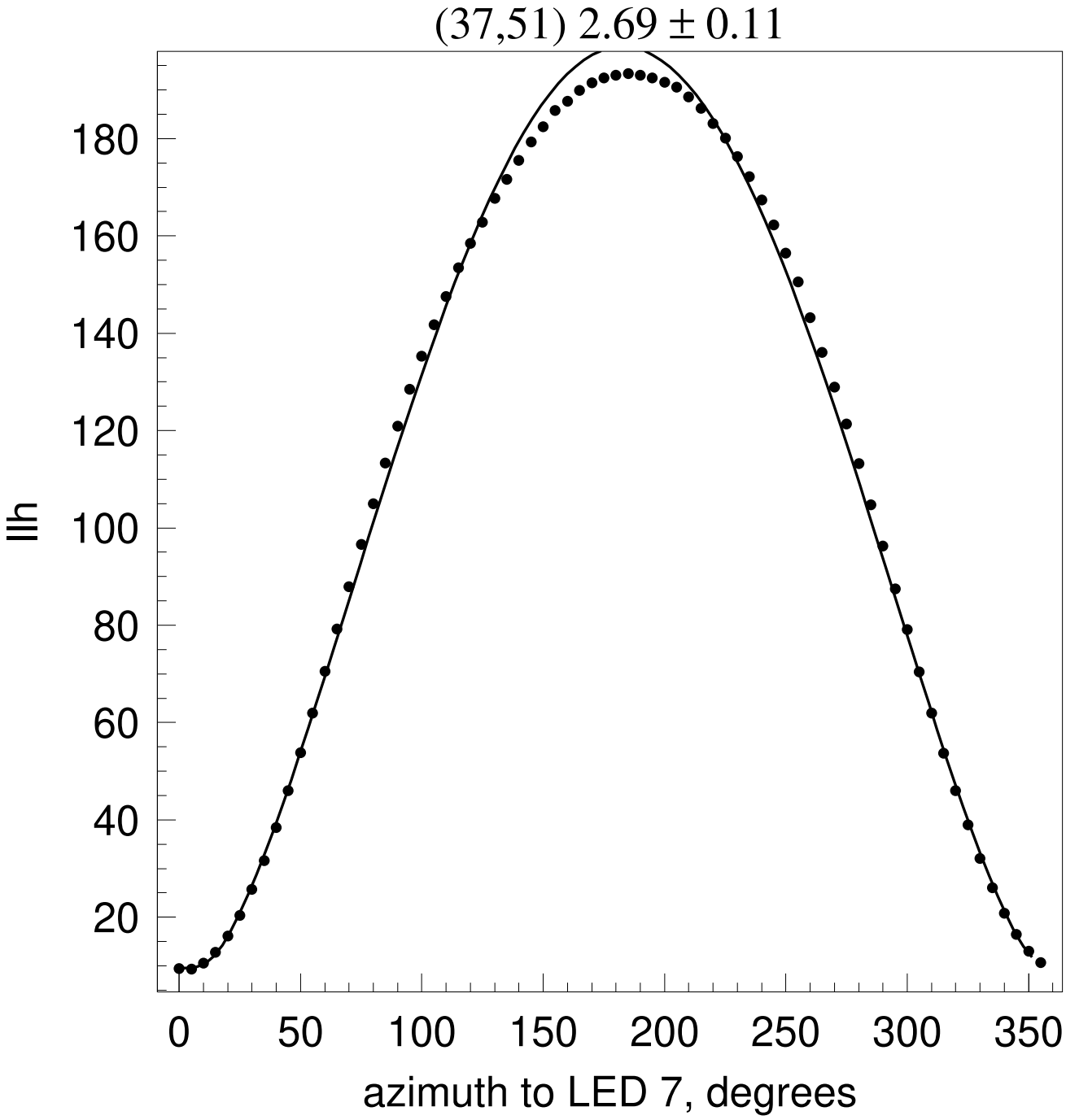

(37,46) 38.45 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

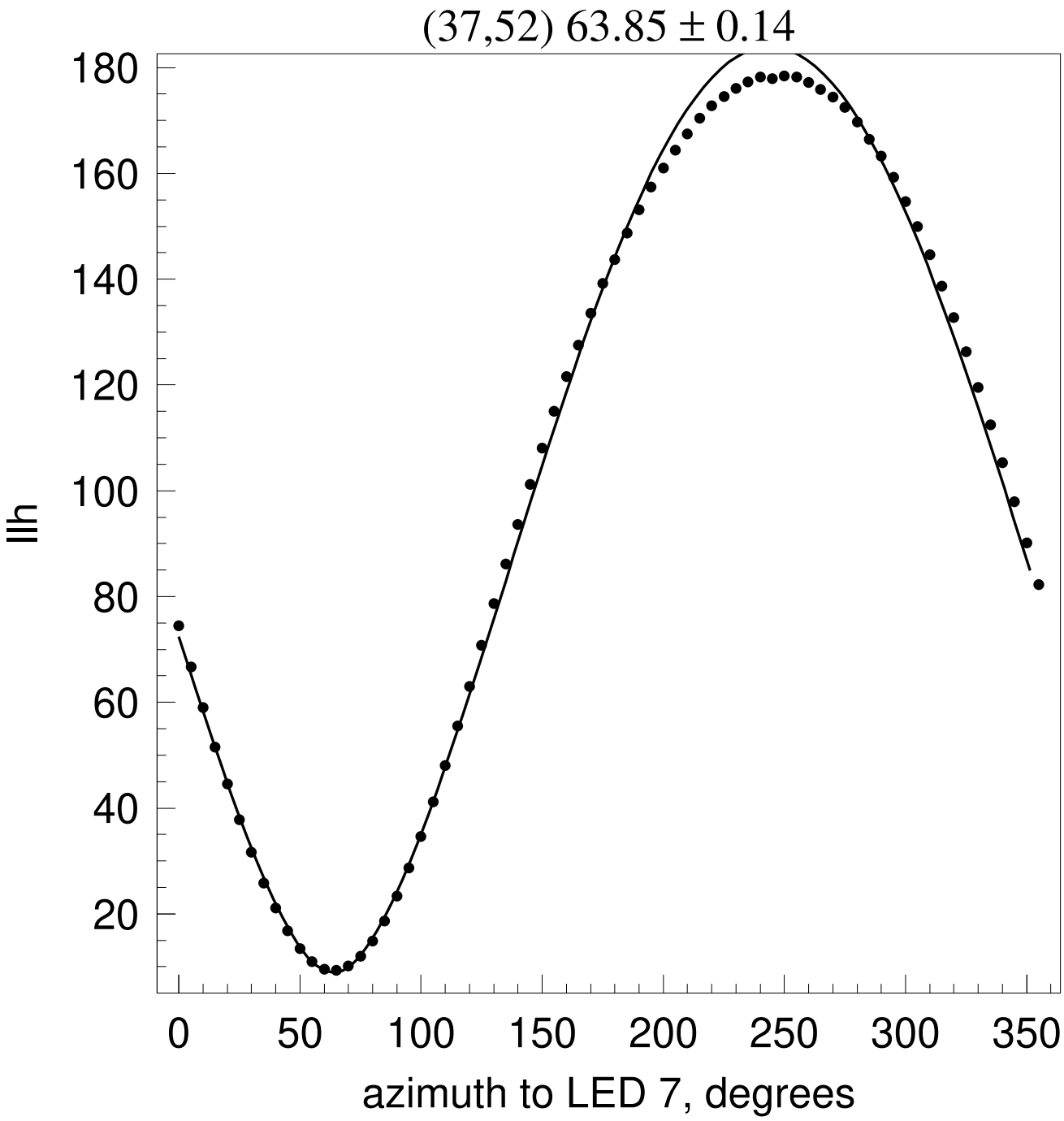

(37,47) 256.70 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

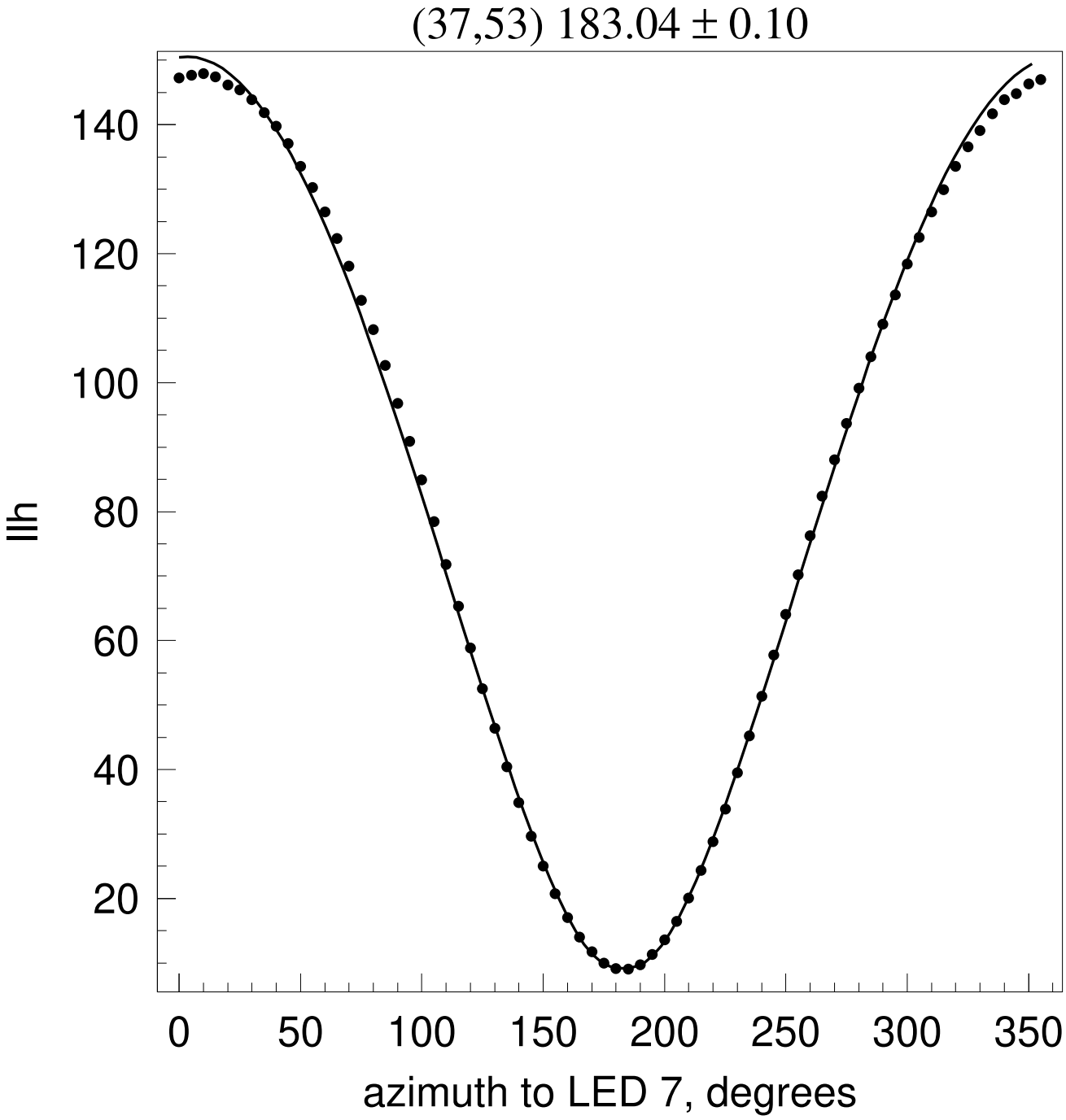

(37,48) 51.49 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

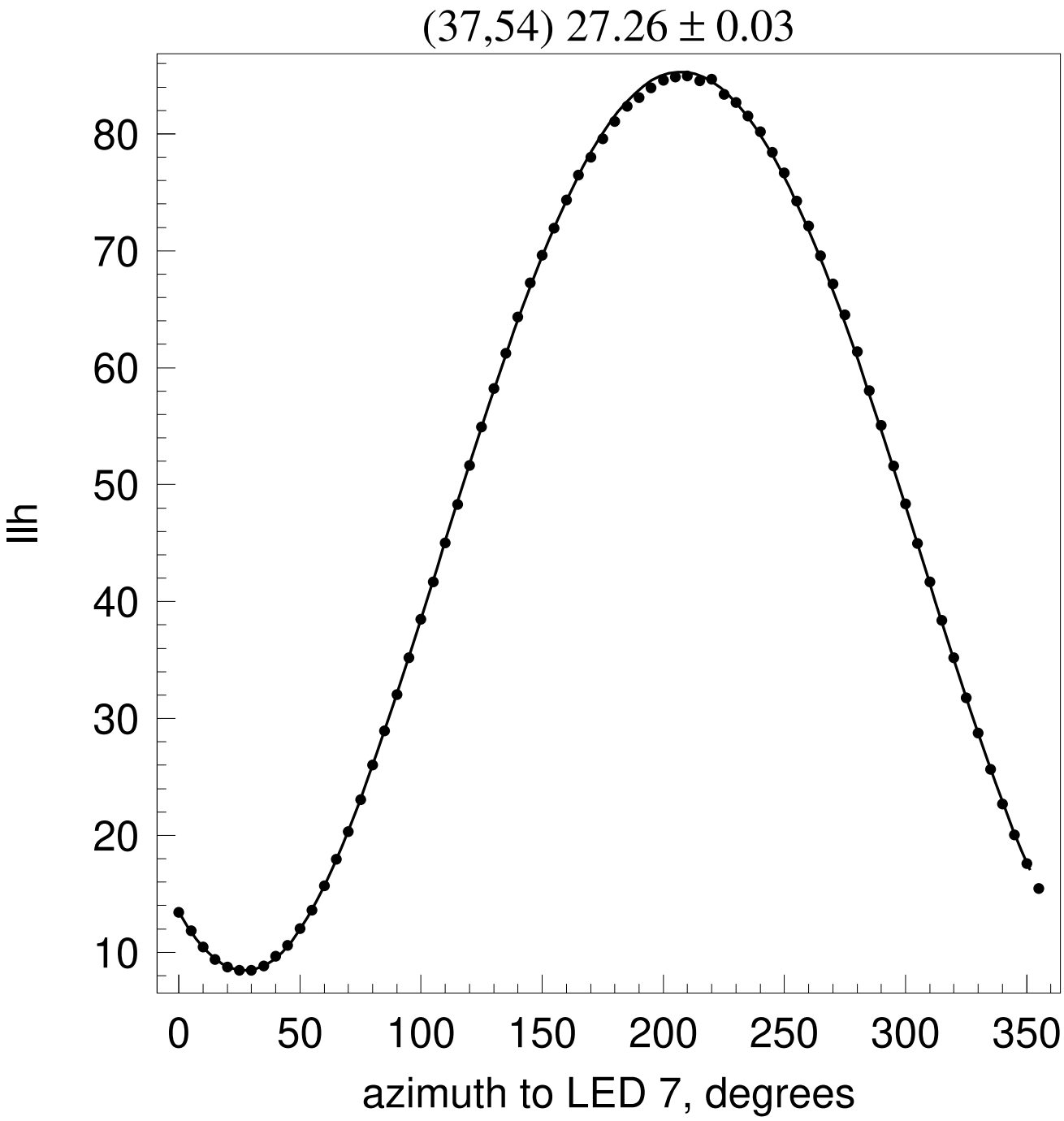

(37,49) 111.95 ± 0.18
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

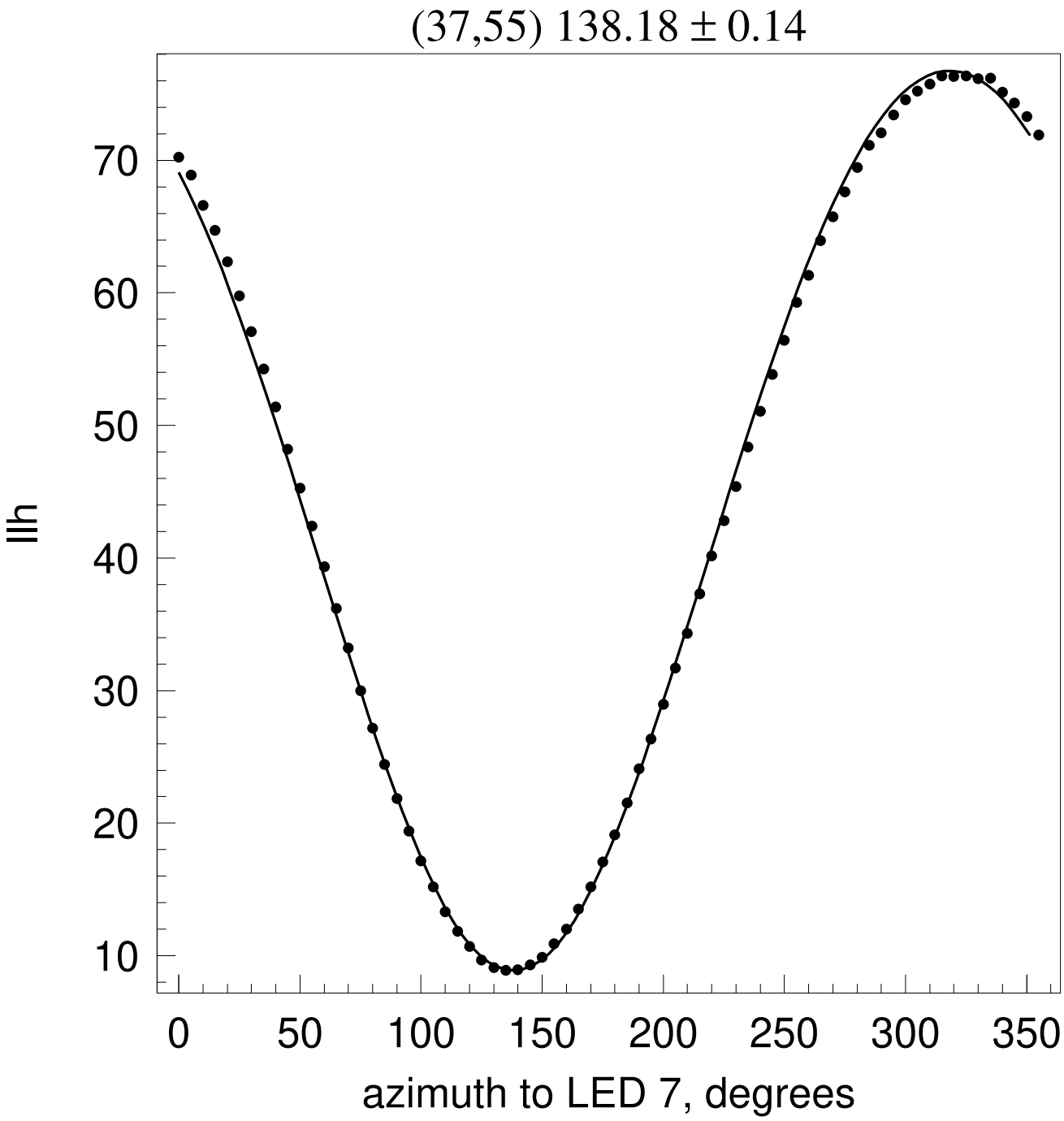

(37,50) 302.83 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

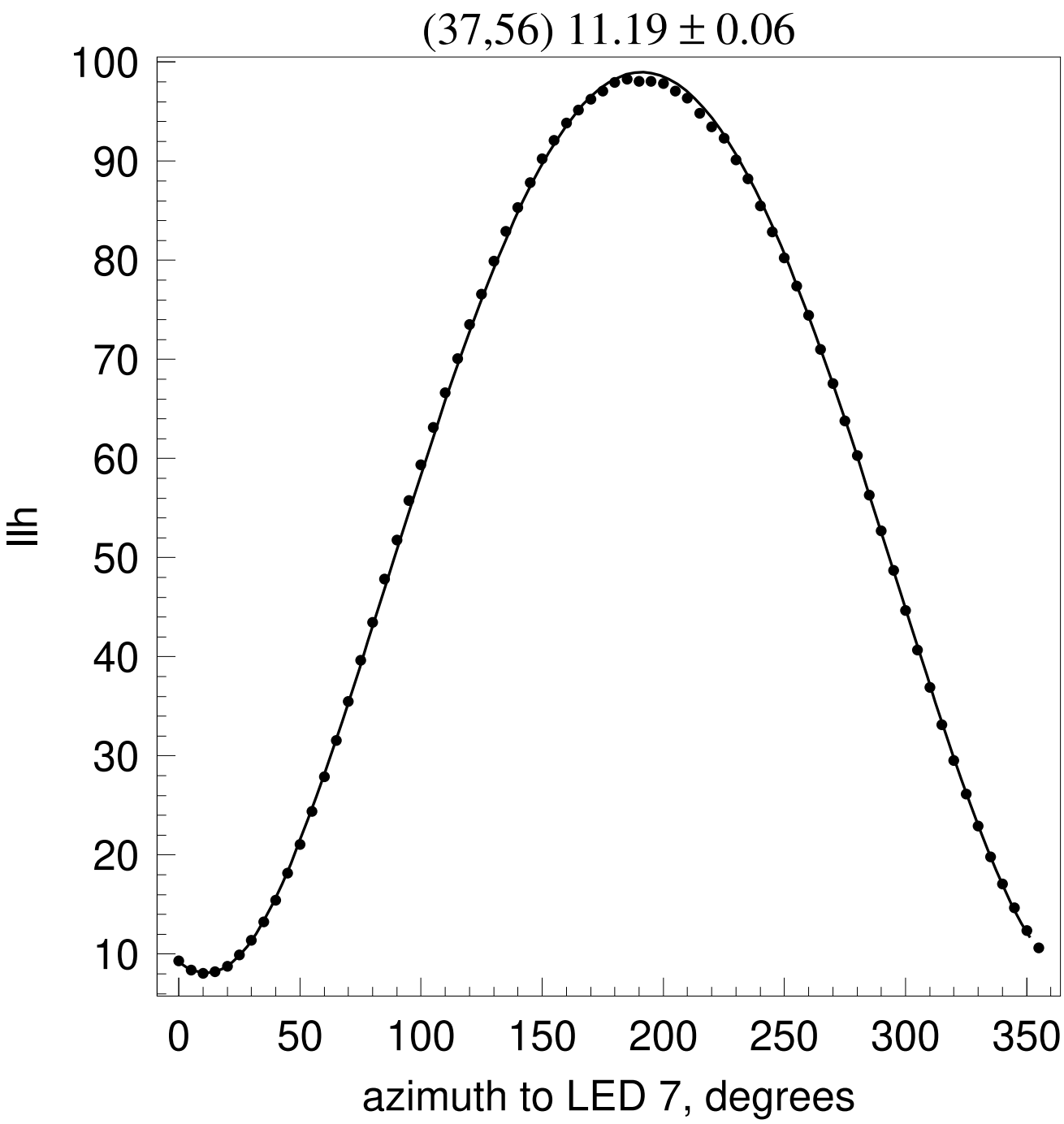

(37,51) 2.69 ± 0.11
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

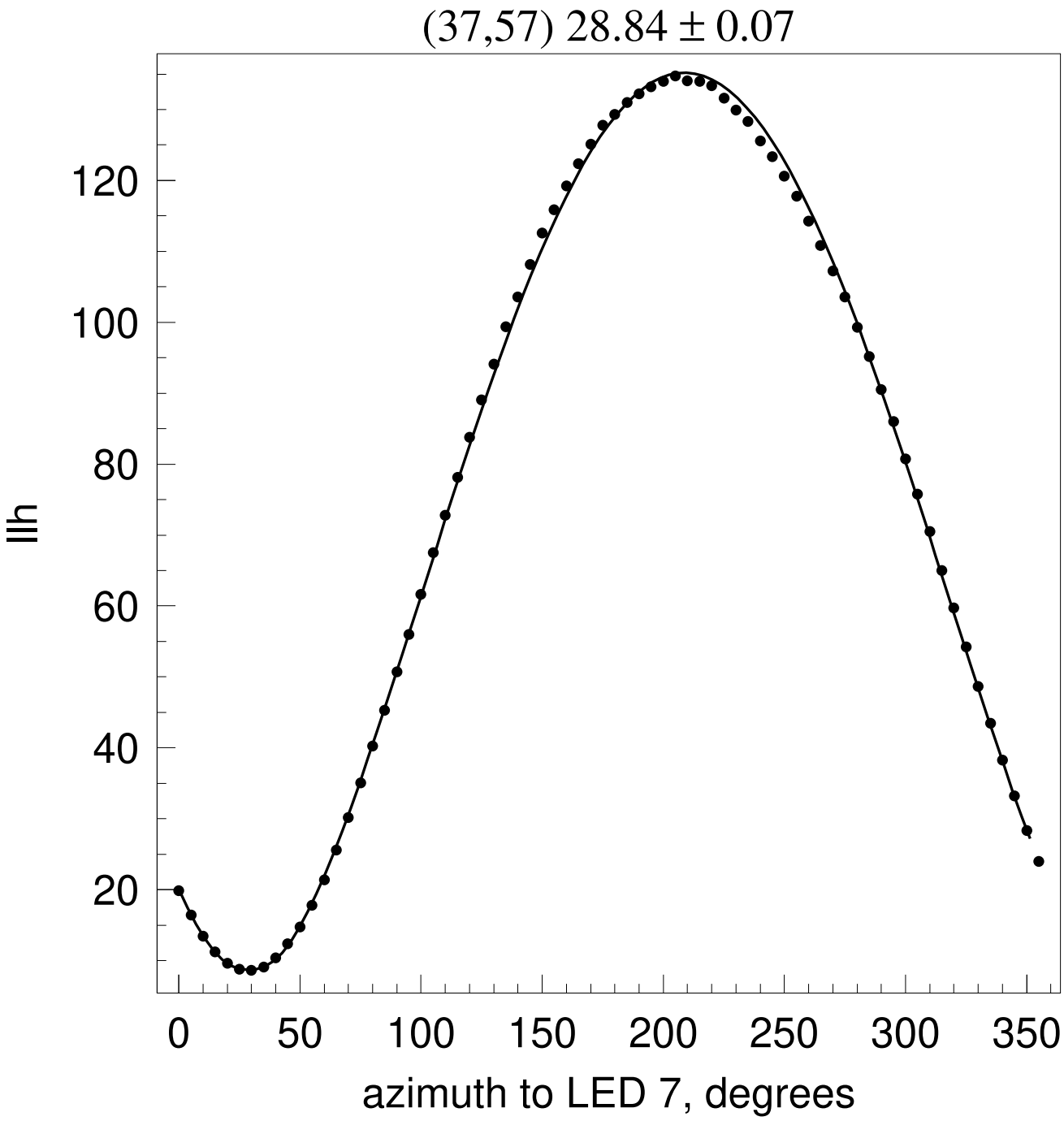

(37,52) 63.85 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

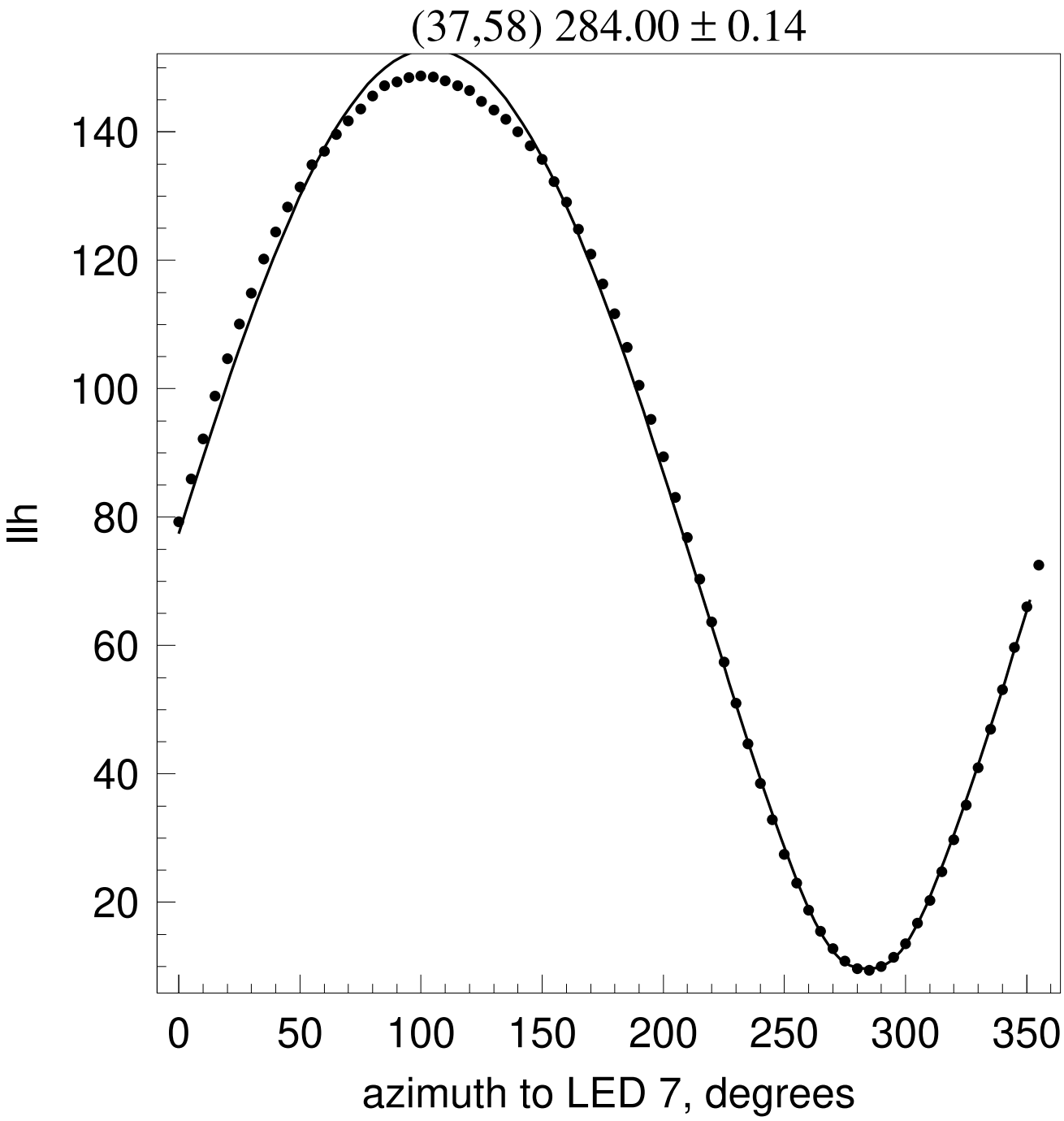

(37,53) 183.04 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

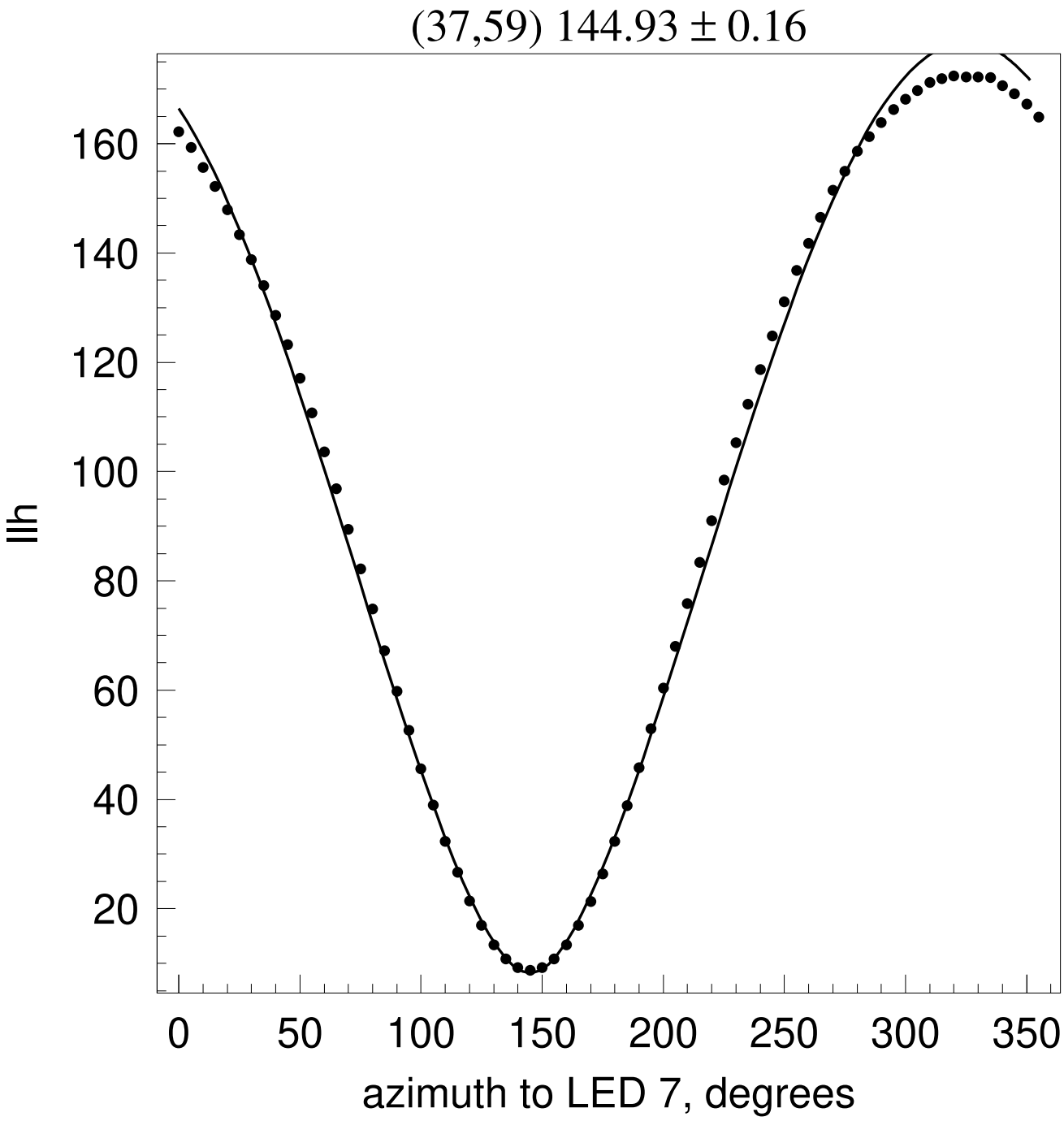

(37,54) 27.26 ± 0.03
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

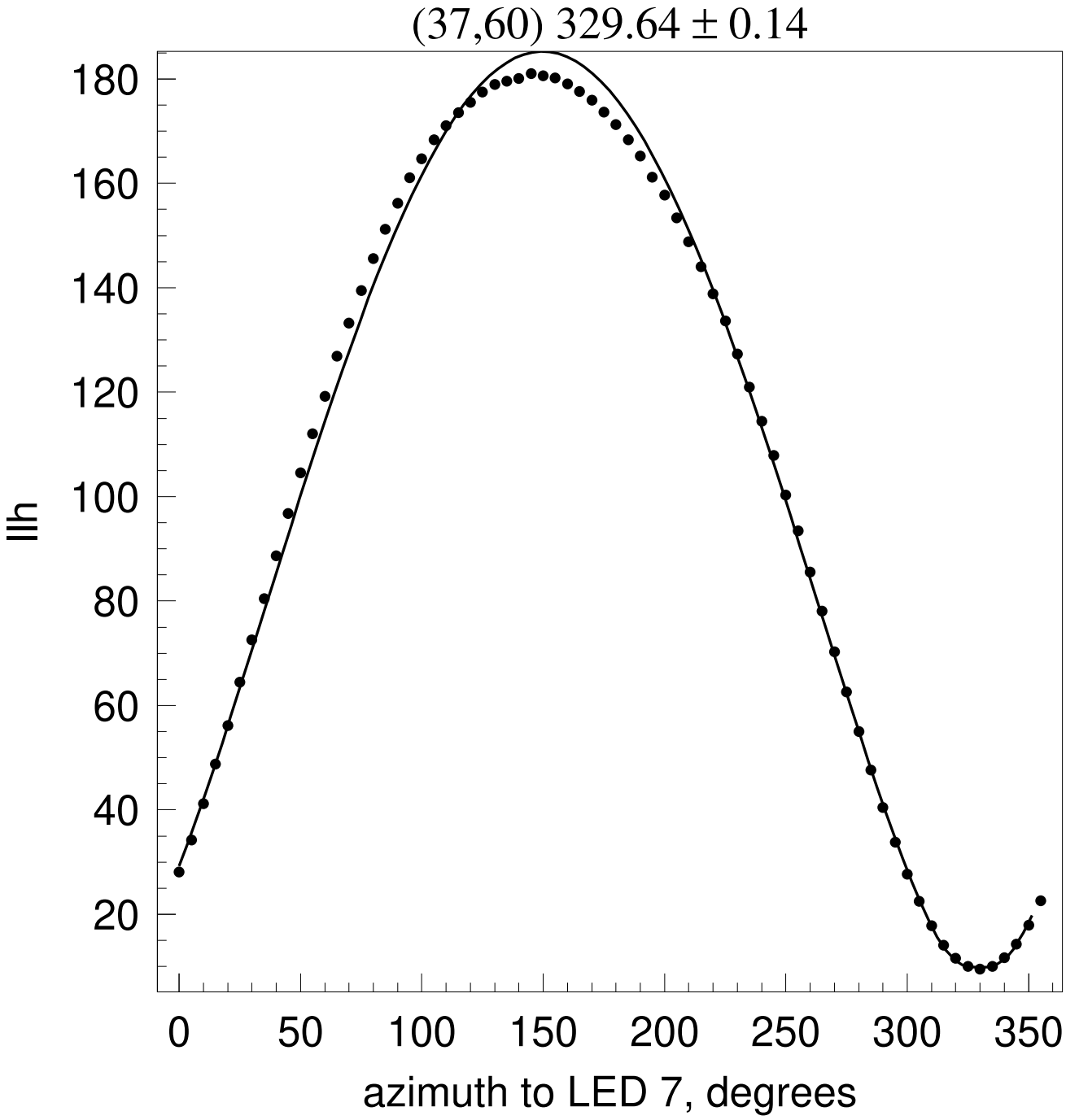

(37,55) 138.18 ± 0.14
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

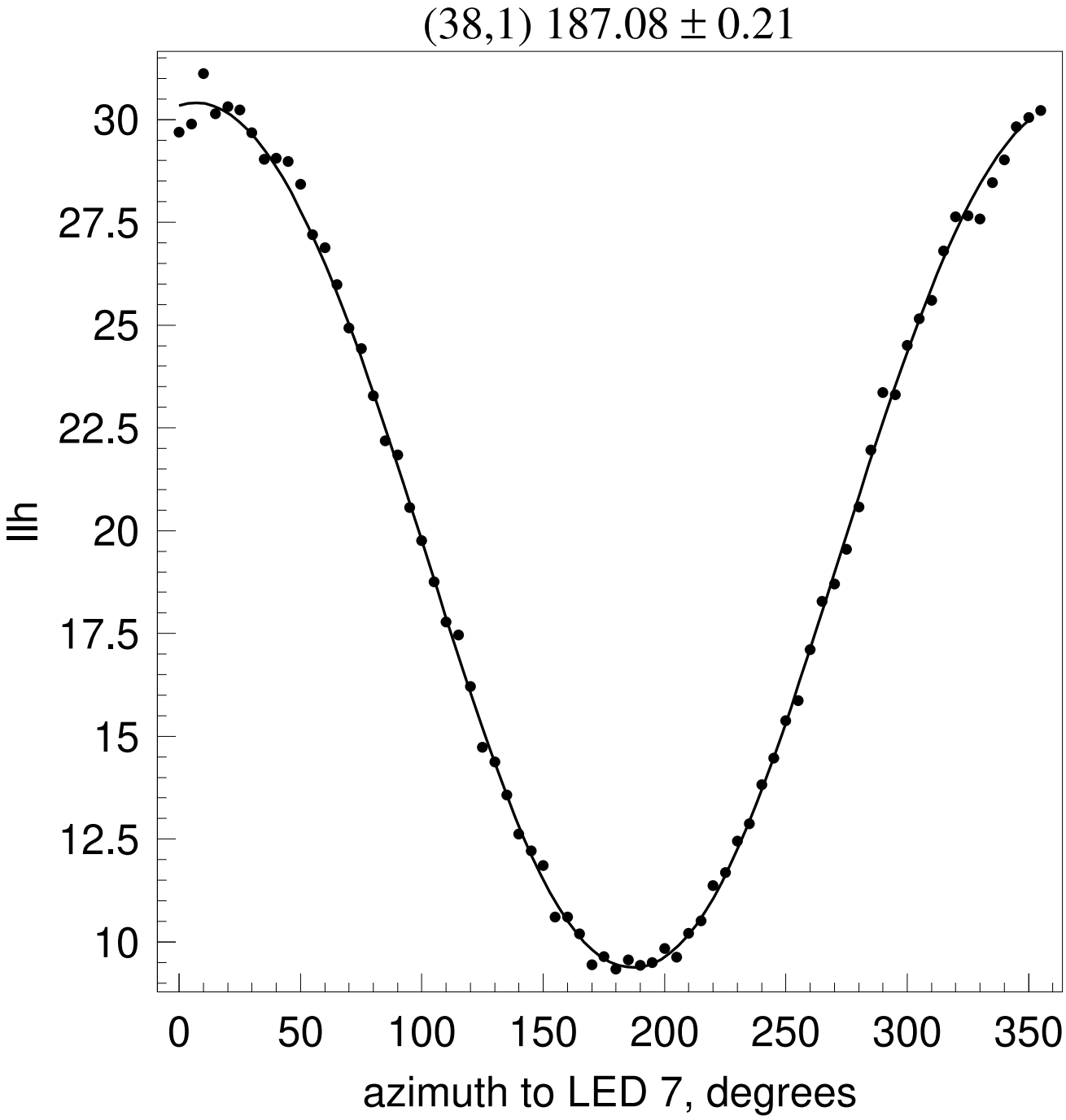

(37,56) 11.19 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

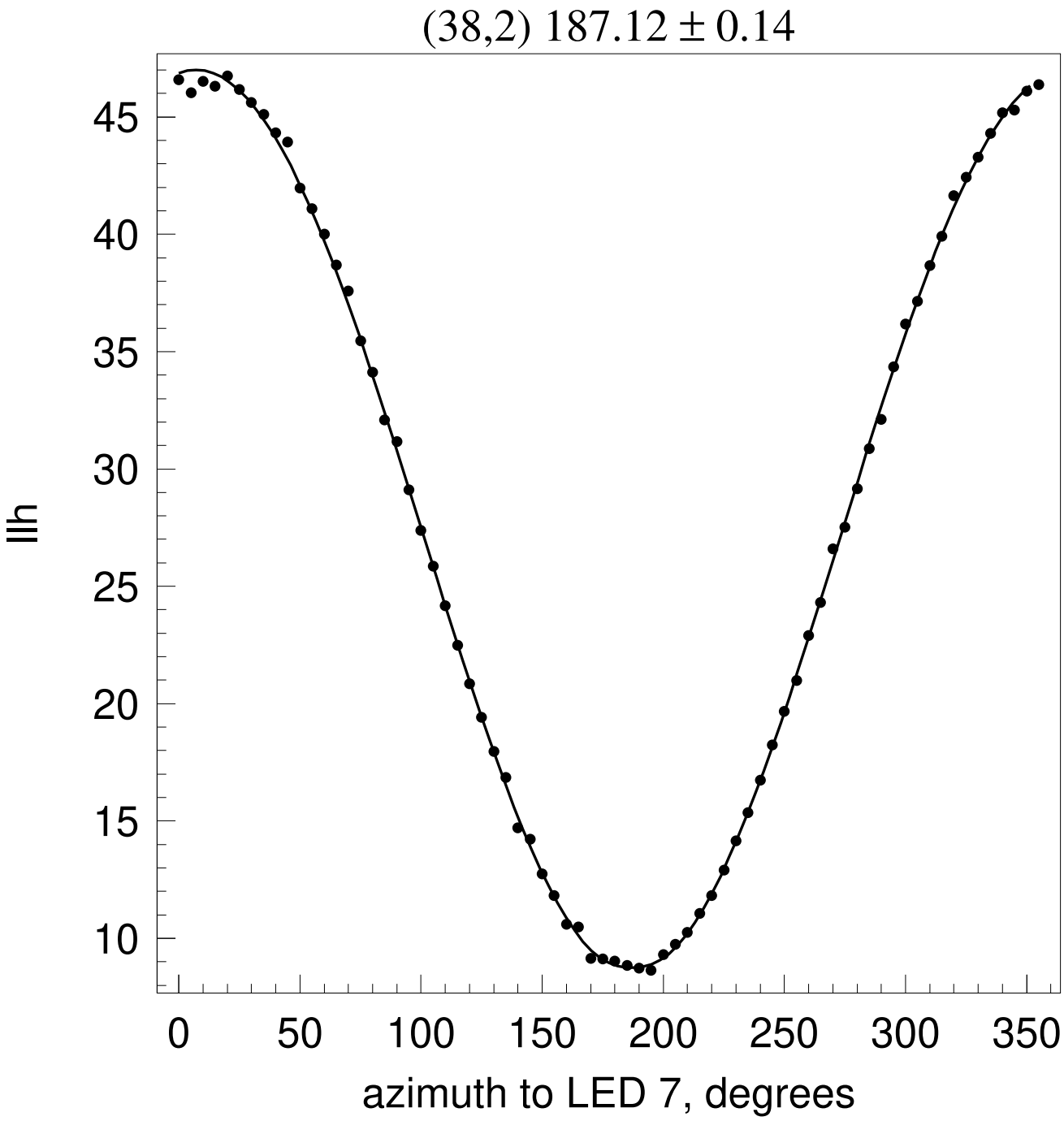

(37,57) 28.84 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

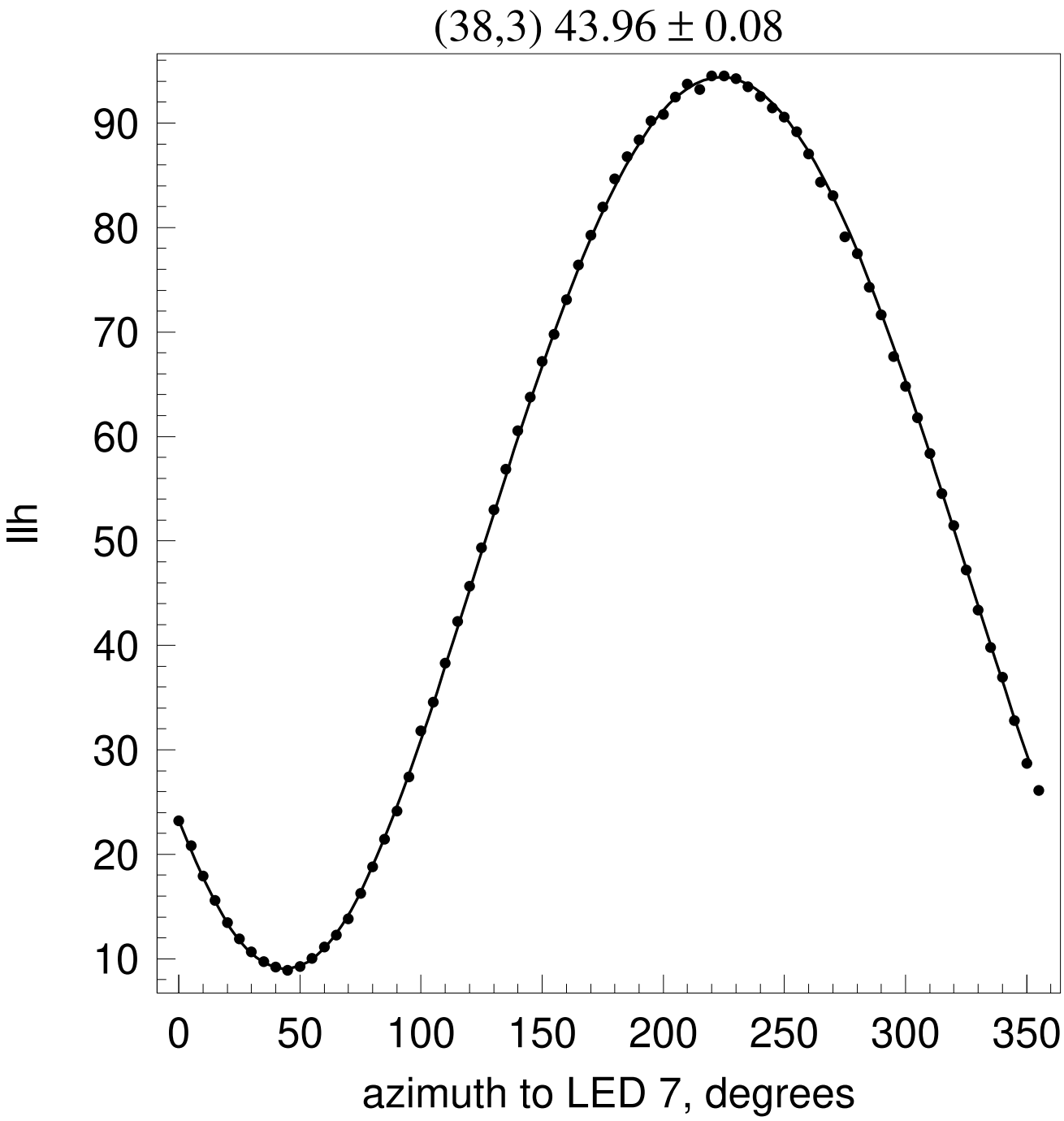

(37,58) 284.00 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

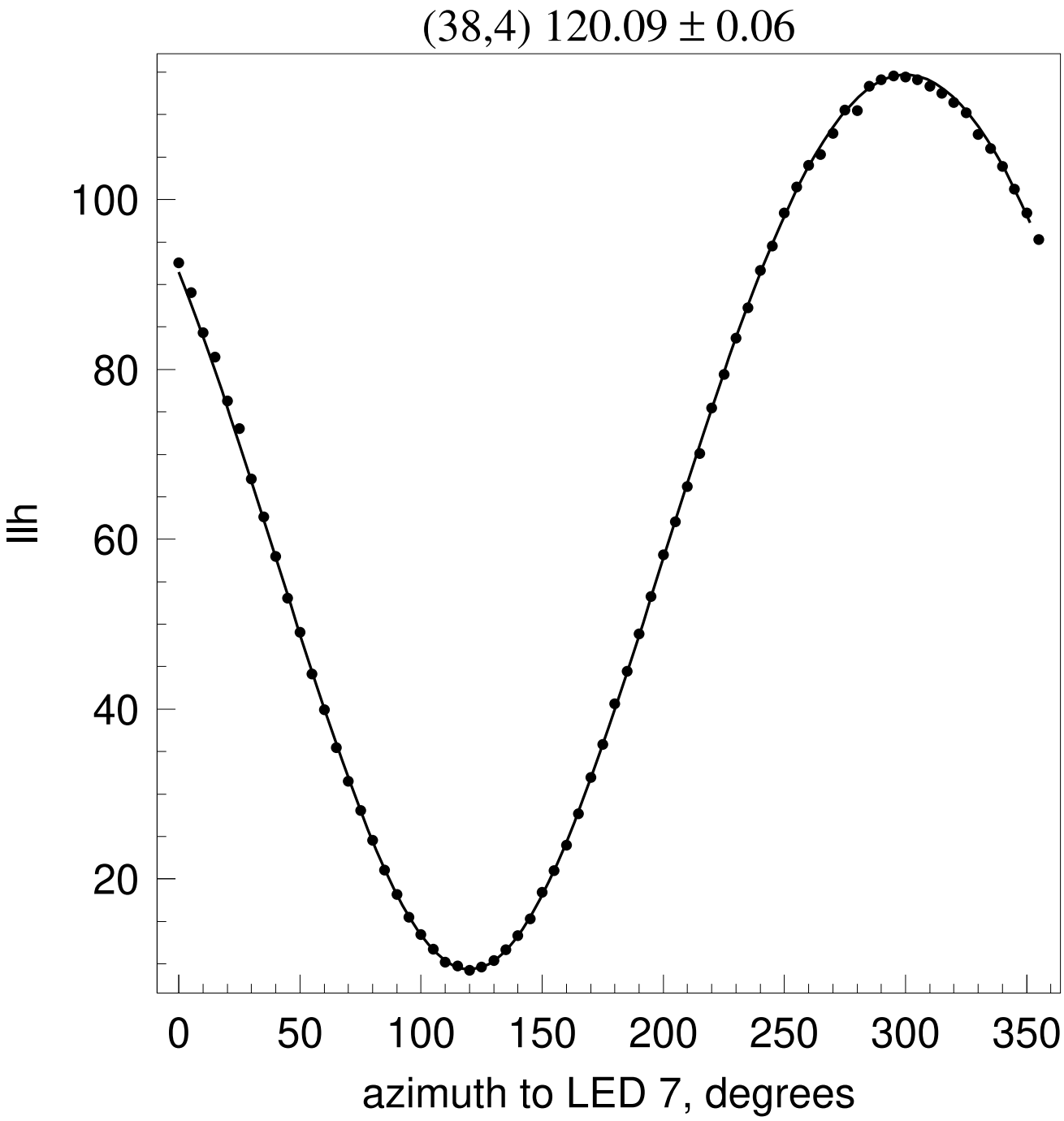

(37,59) 144.93 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

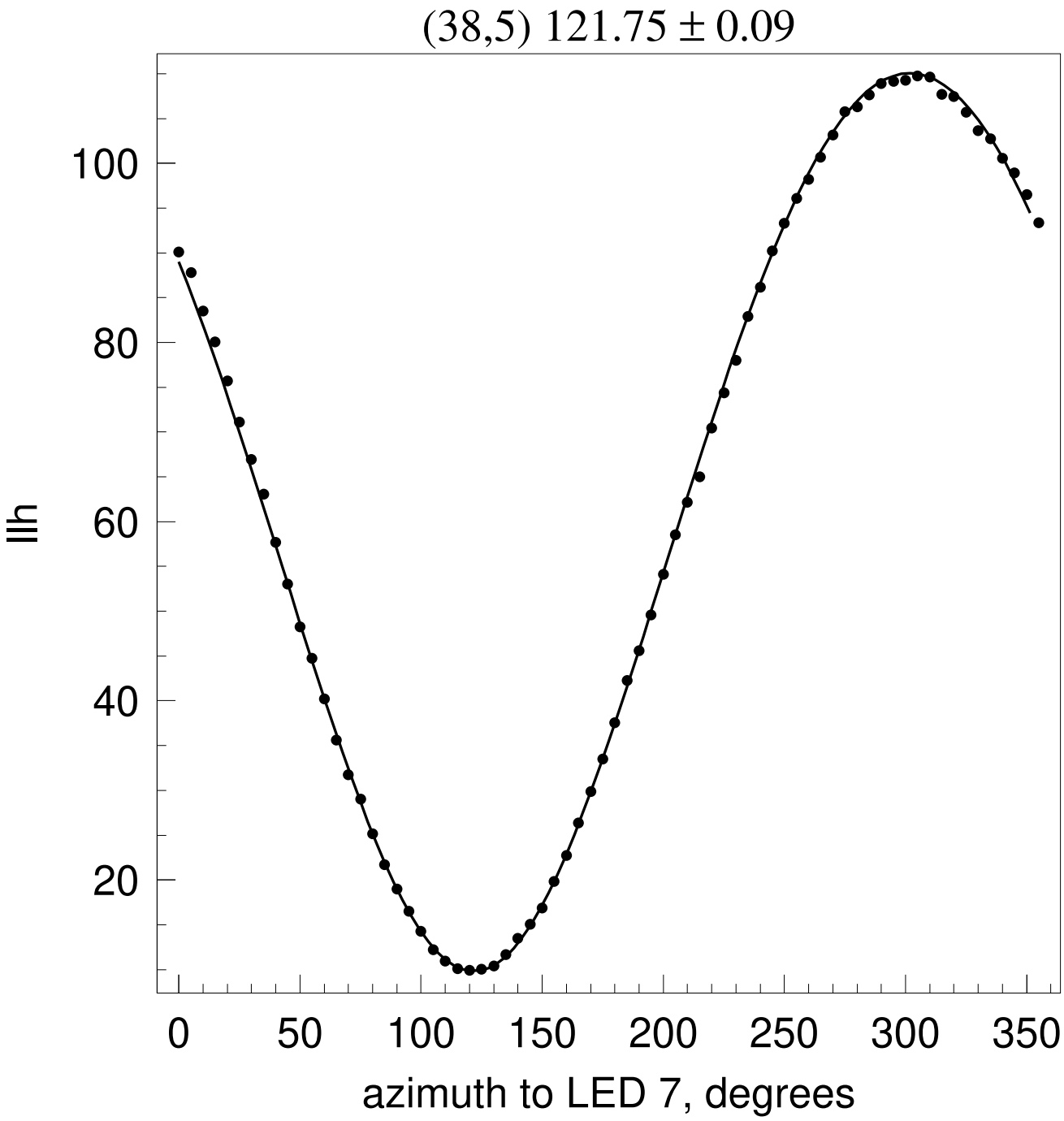

(37,60) 329.64 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

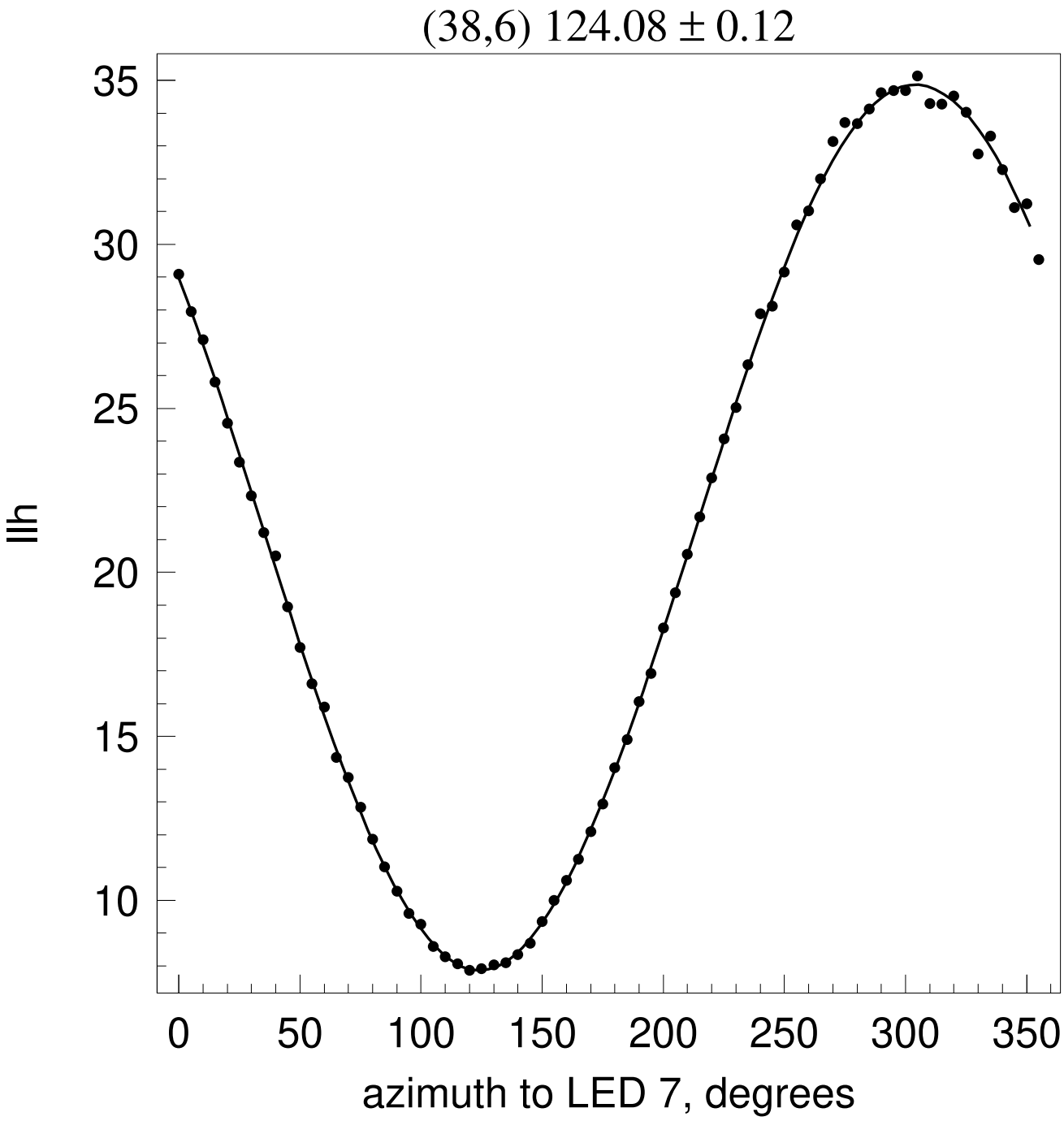

(38,1) 187.08 ± 0.21
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

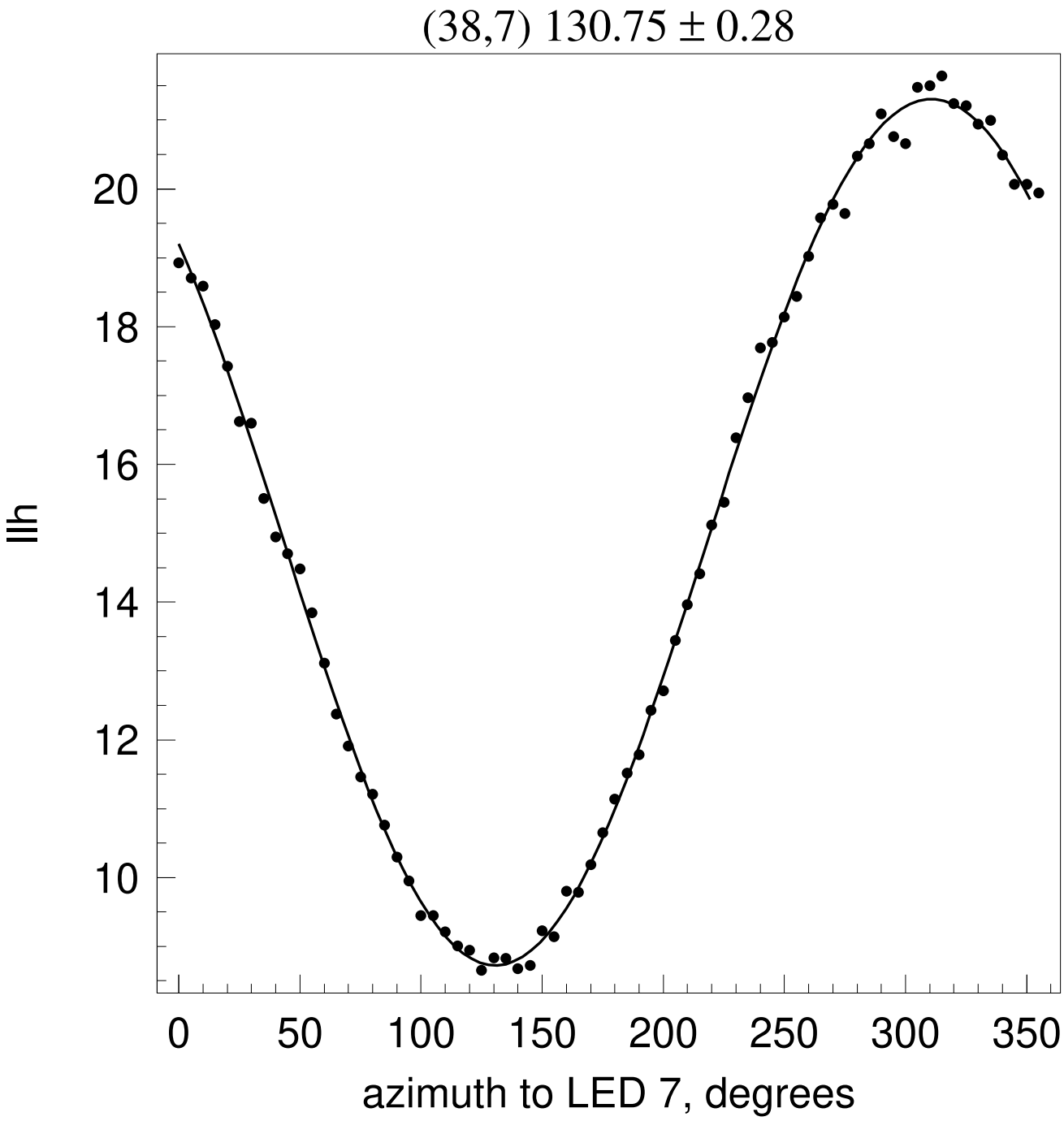

(38,2) 187.12 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

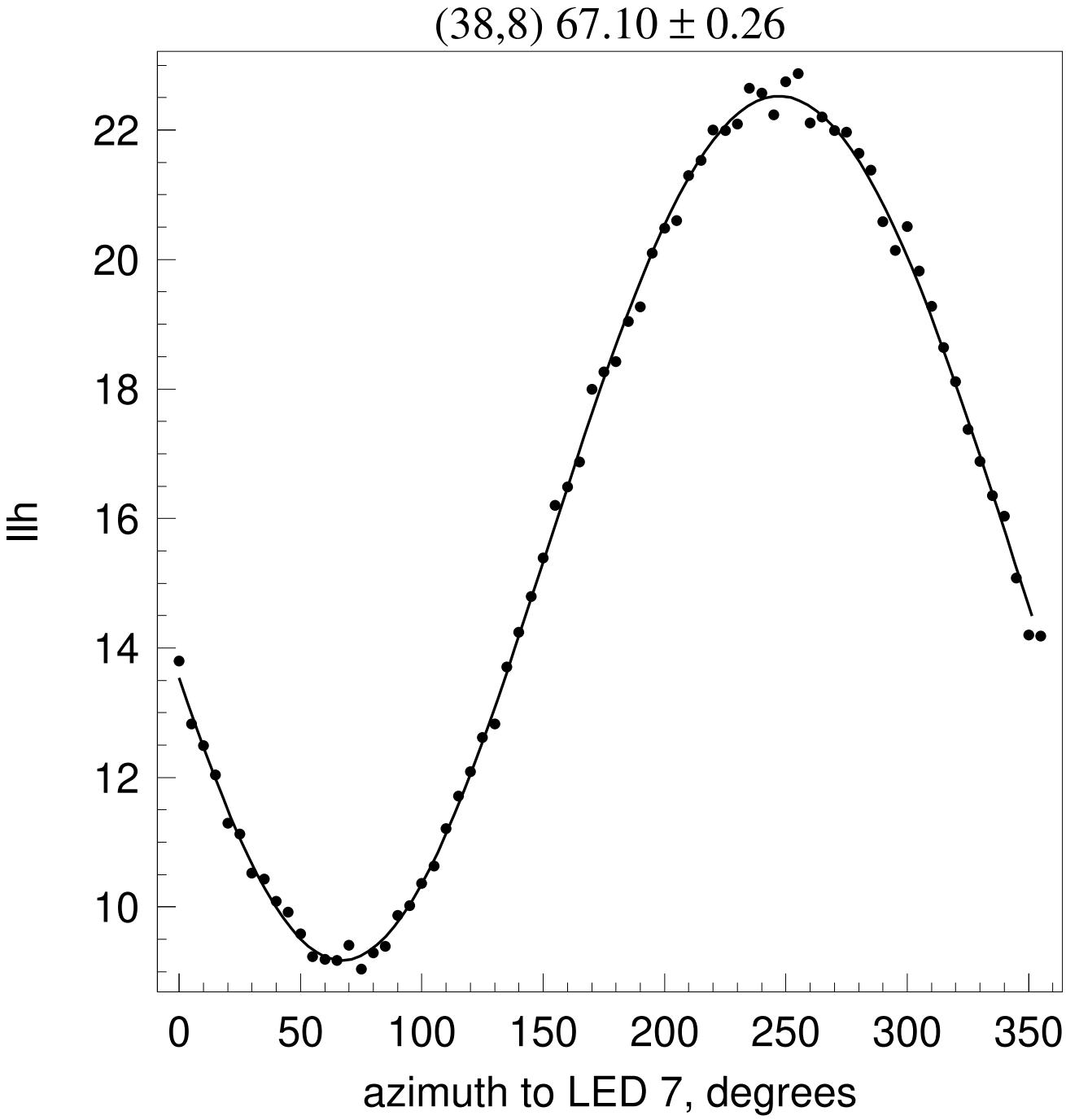

(38,3) 43.96 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

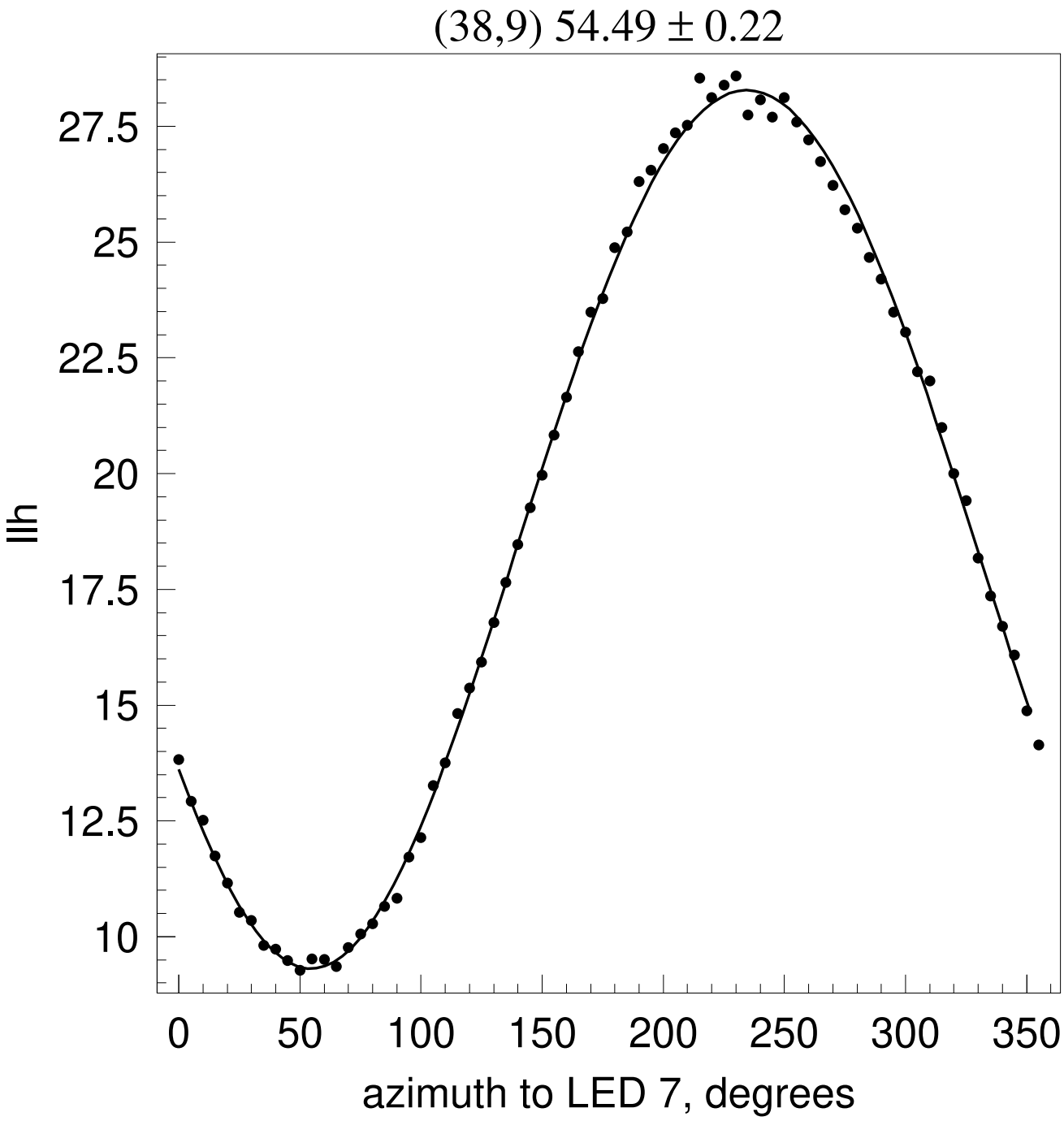

(38,4) 120.09 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

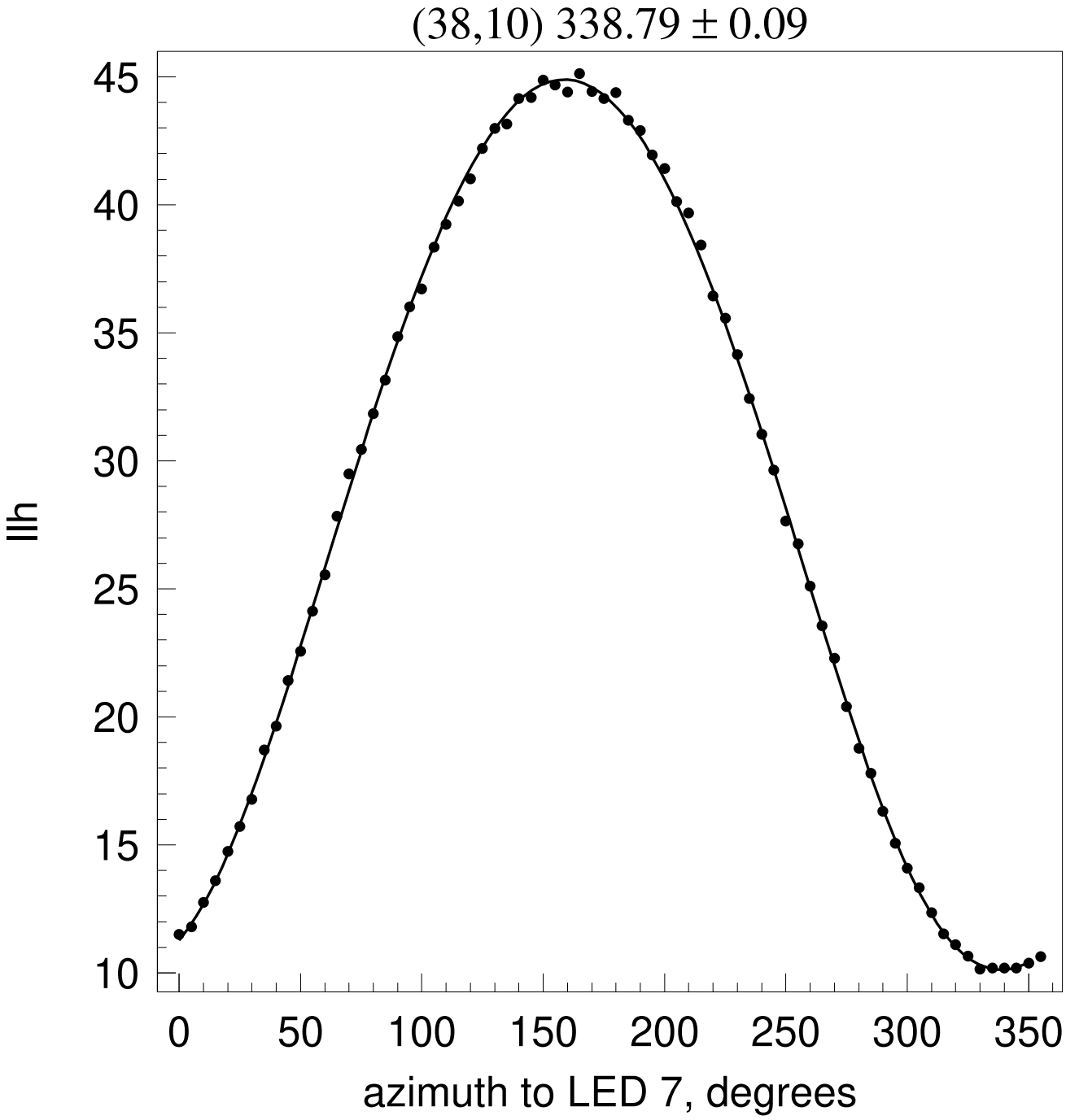

(38,5) 121.75 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

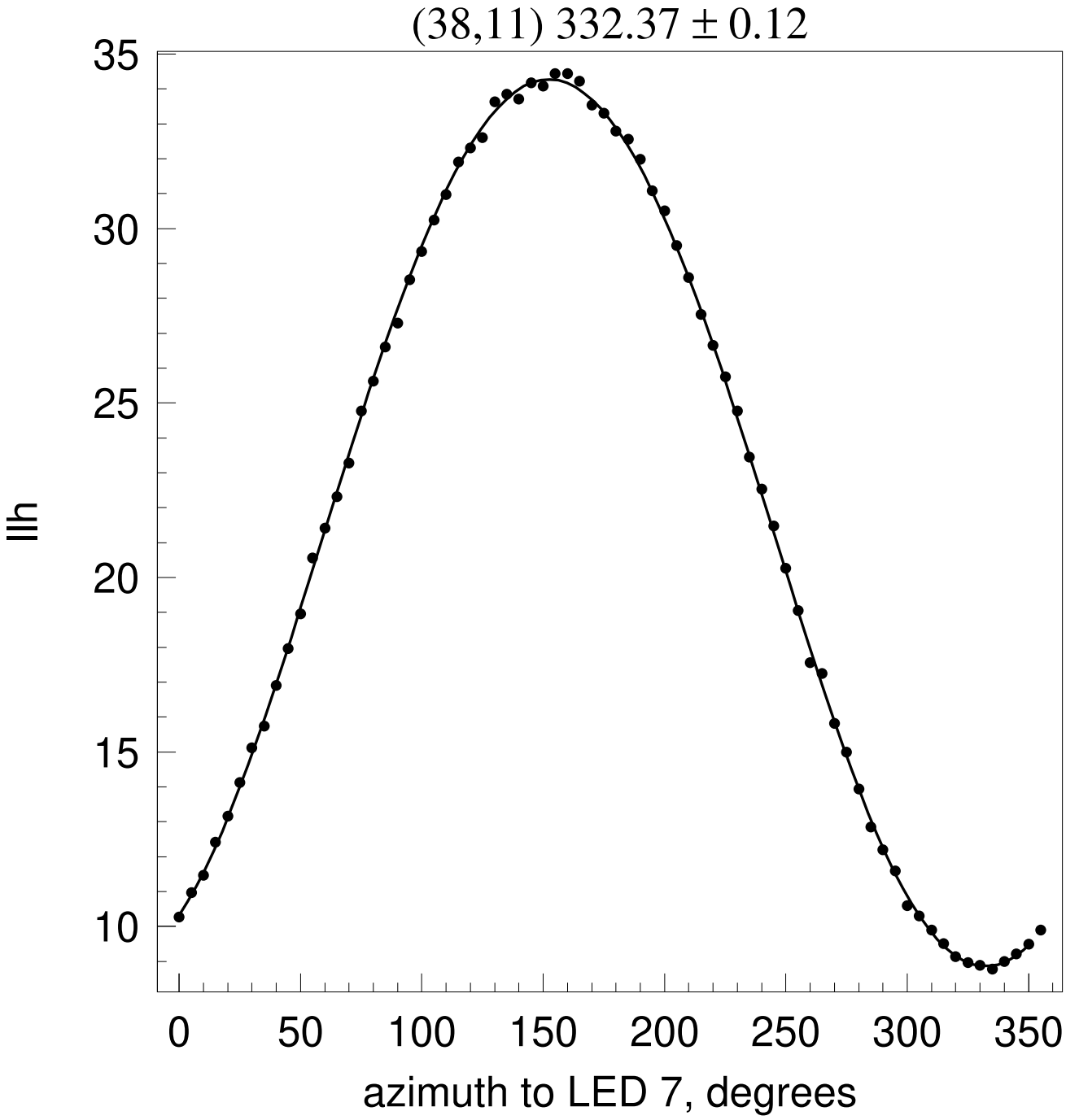

(38,6) 124.08 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

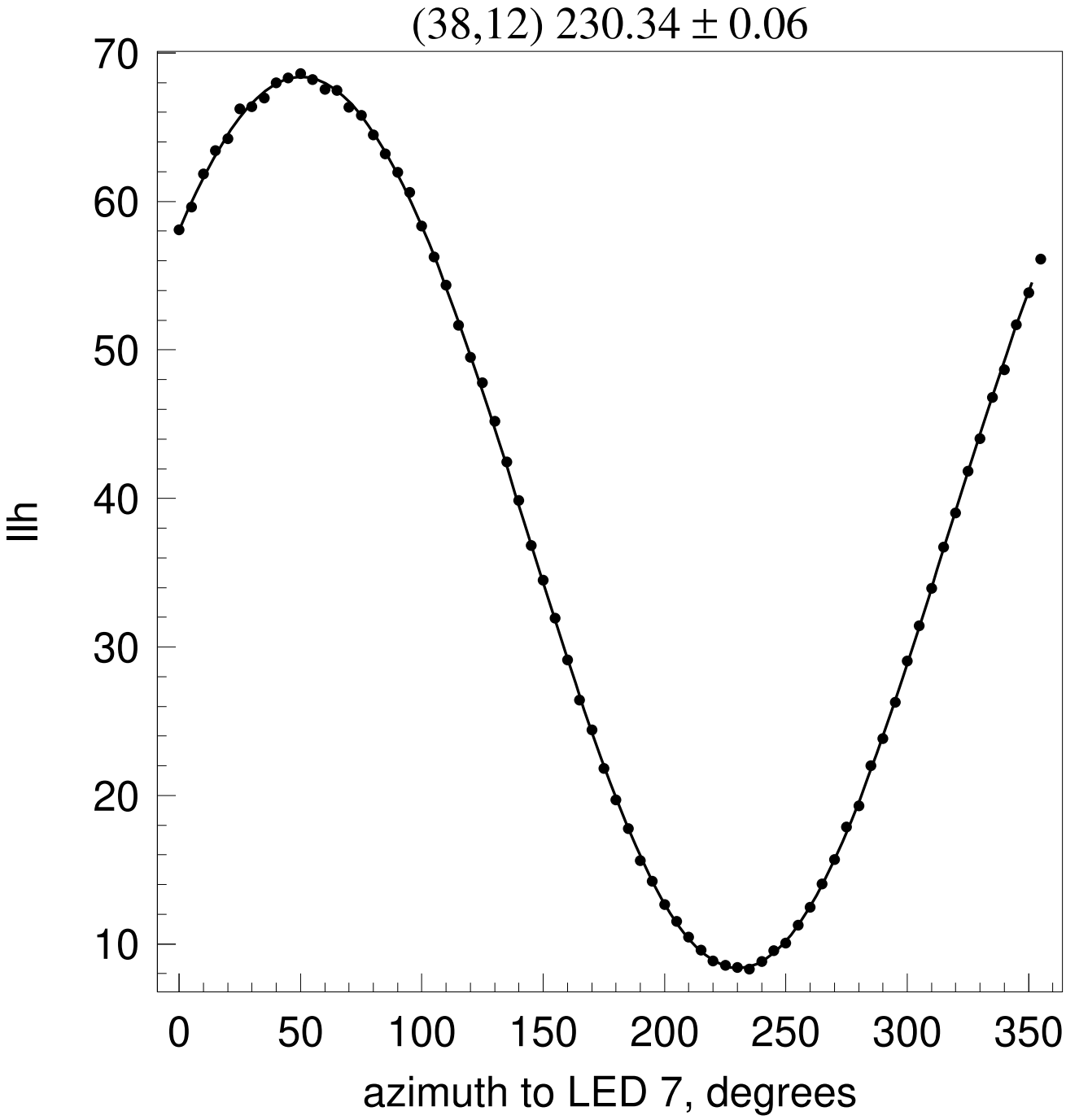

(38,7) 130.75 ± 0.28
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

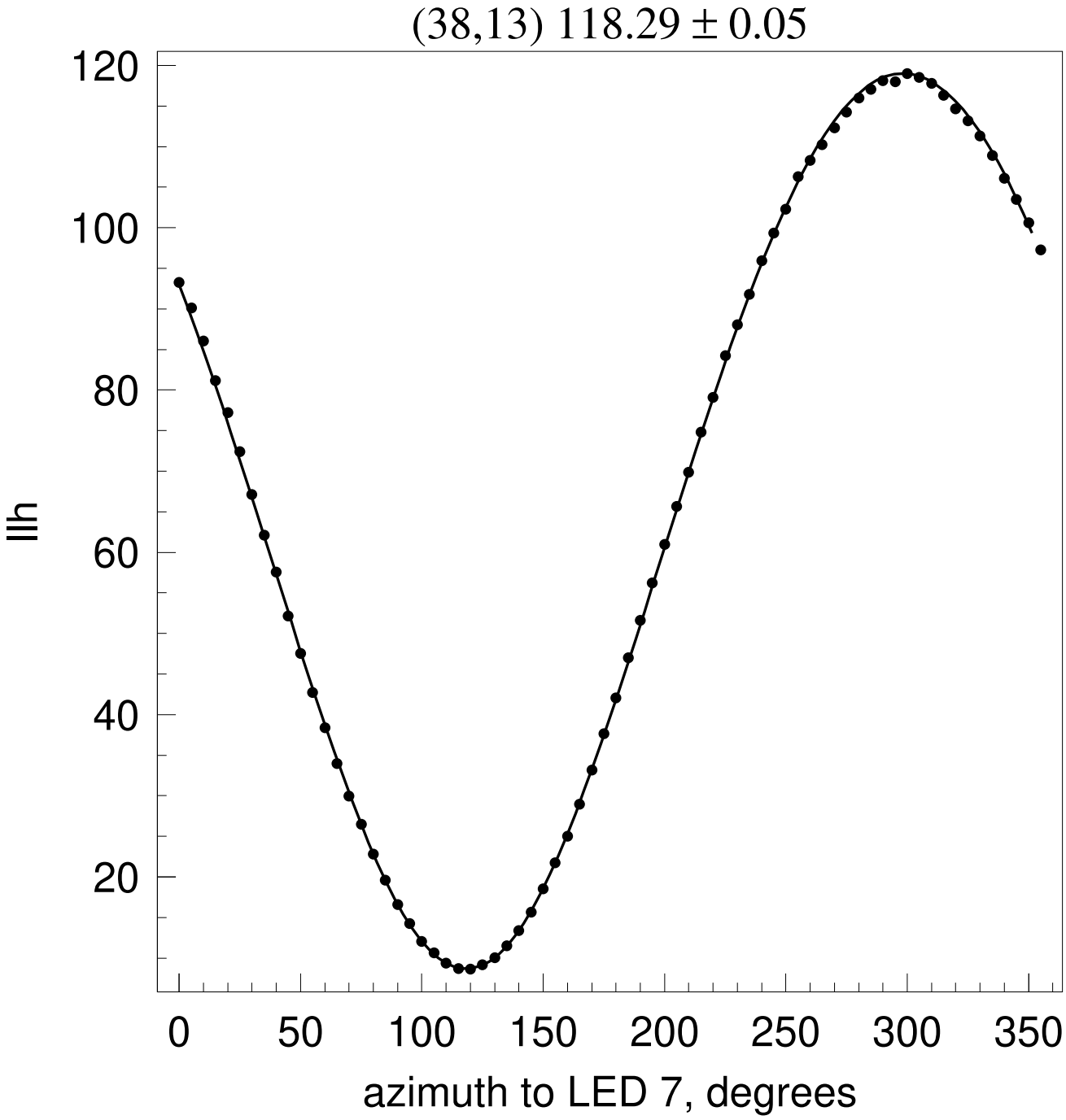

(38,8) 67.10 ± 0.26
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

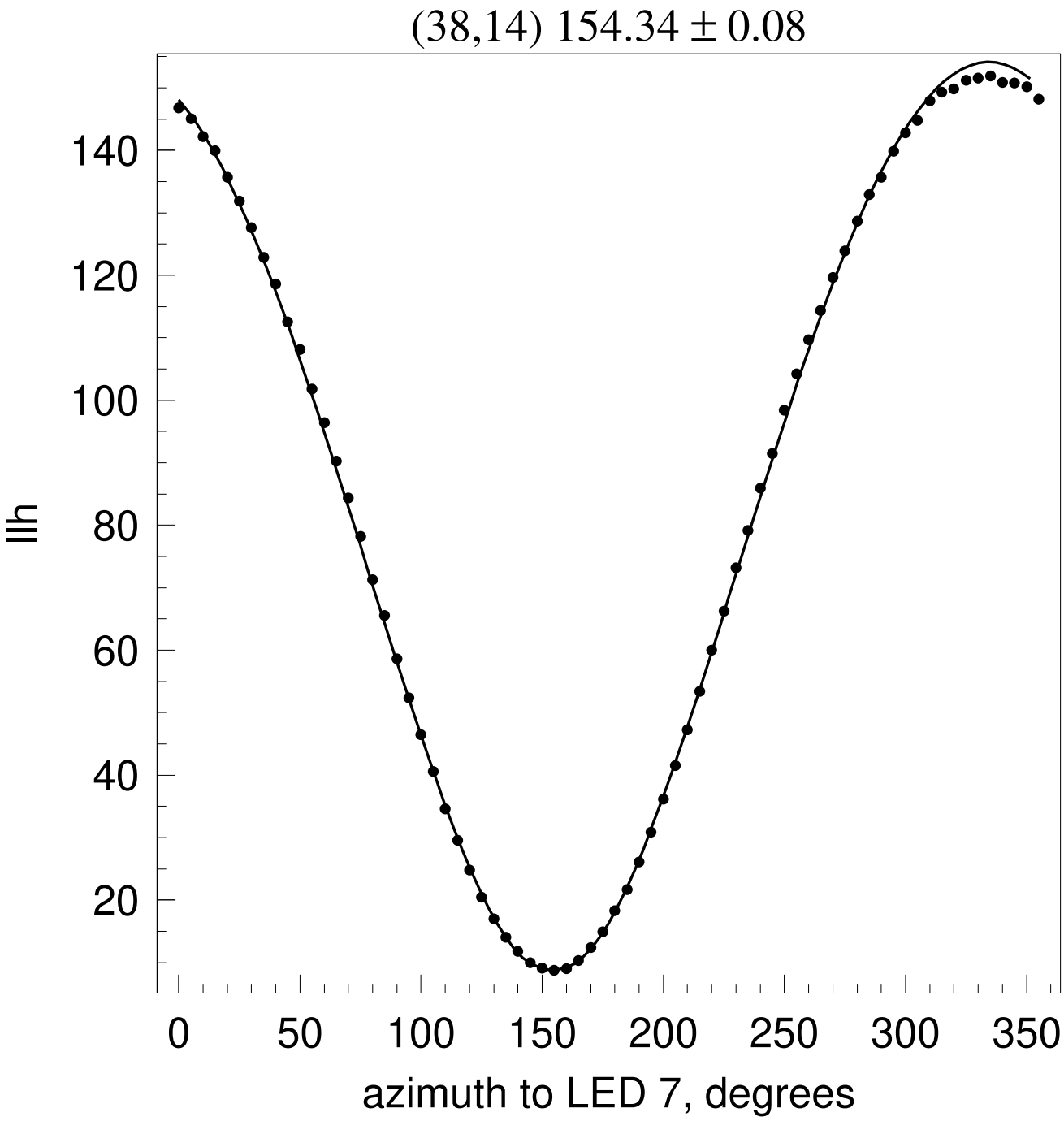

(38,9) 54.49 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

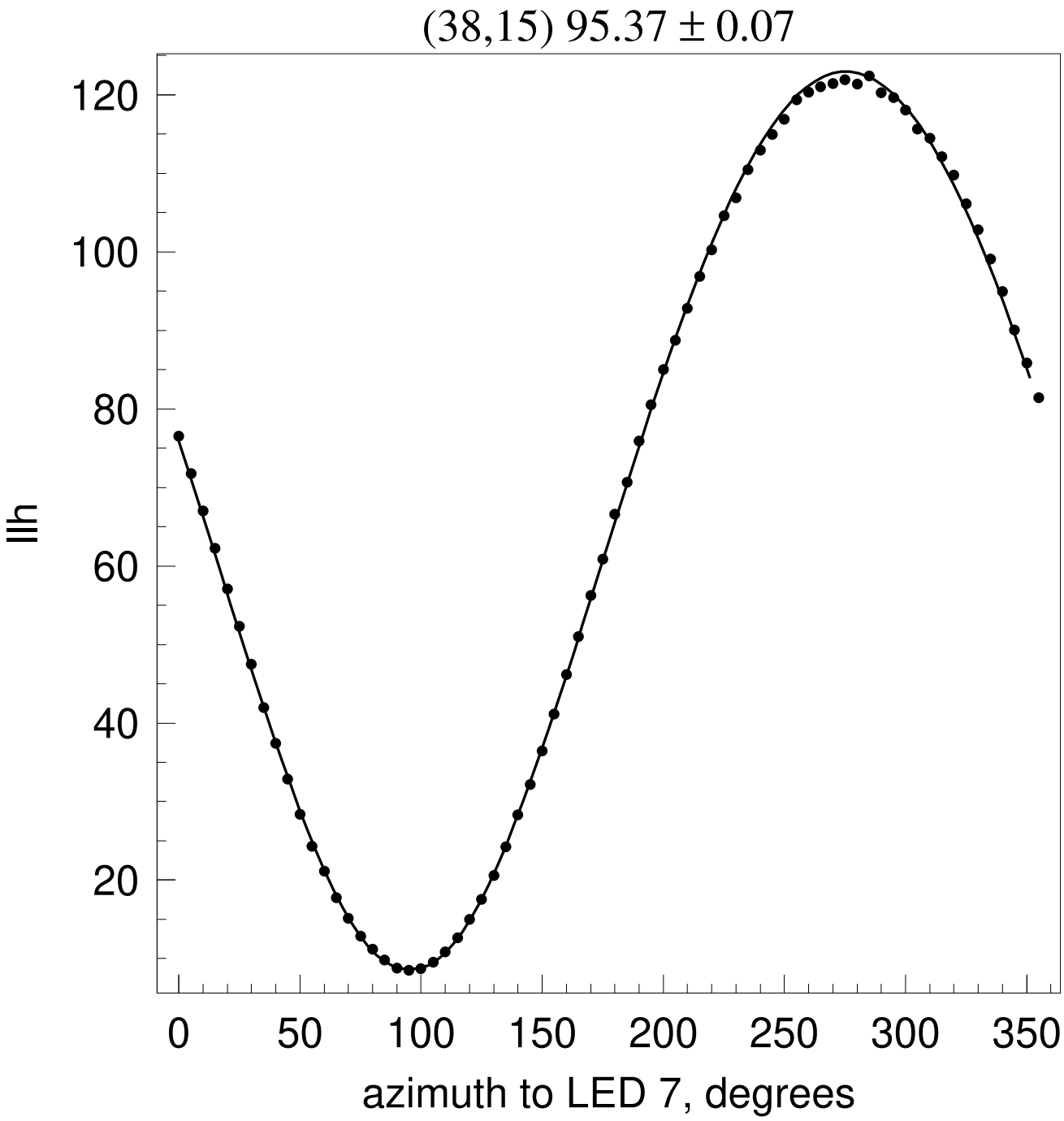

(38,10) 338.79 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

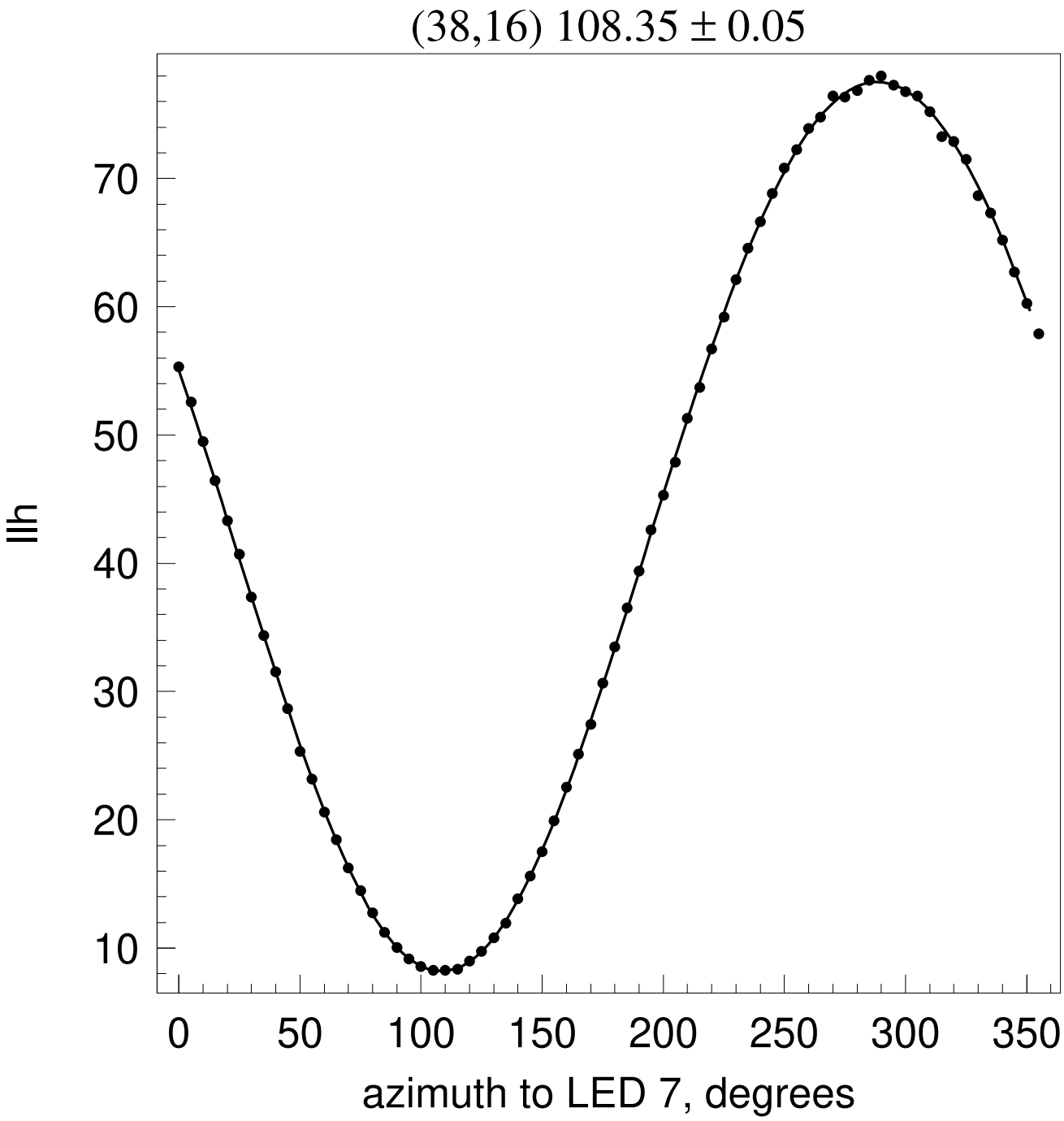

(38,11) 332.37 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

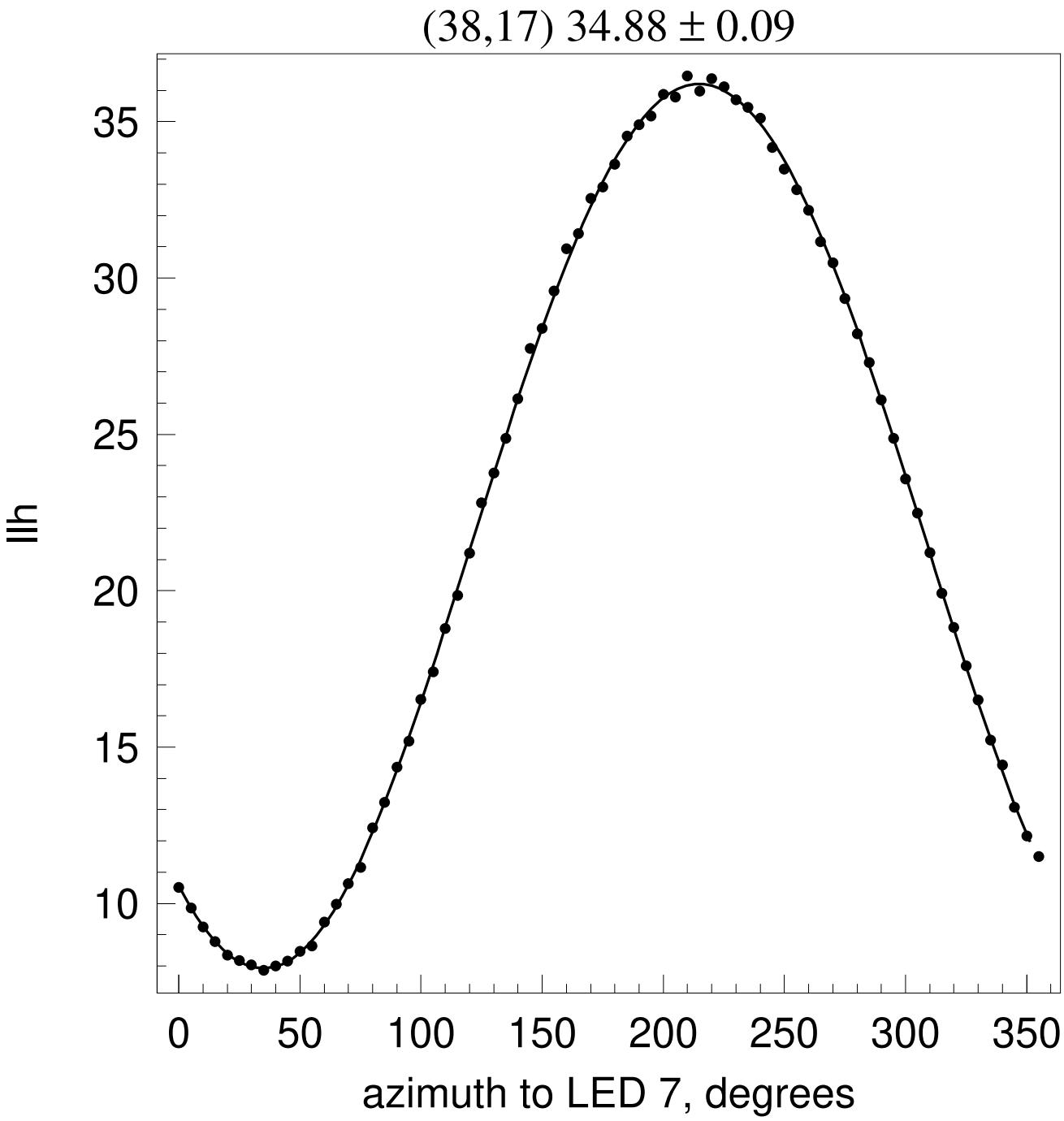

(38,12) 230.34 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

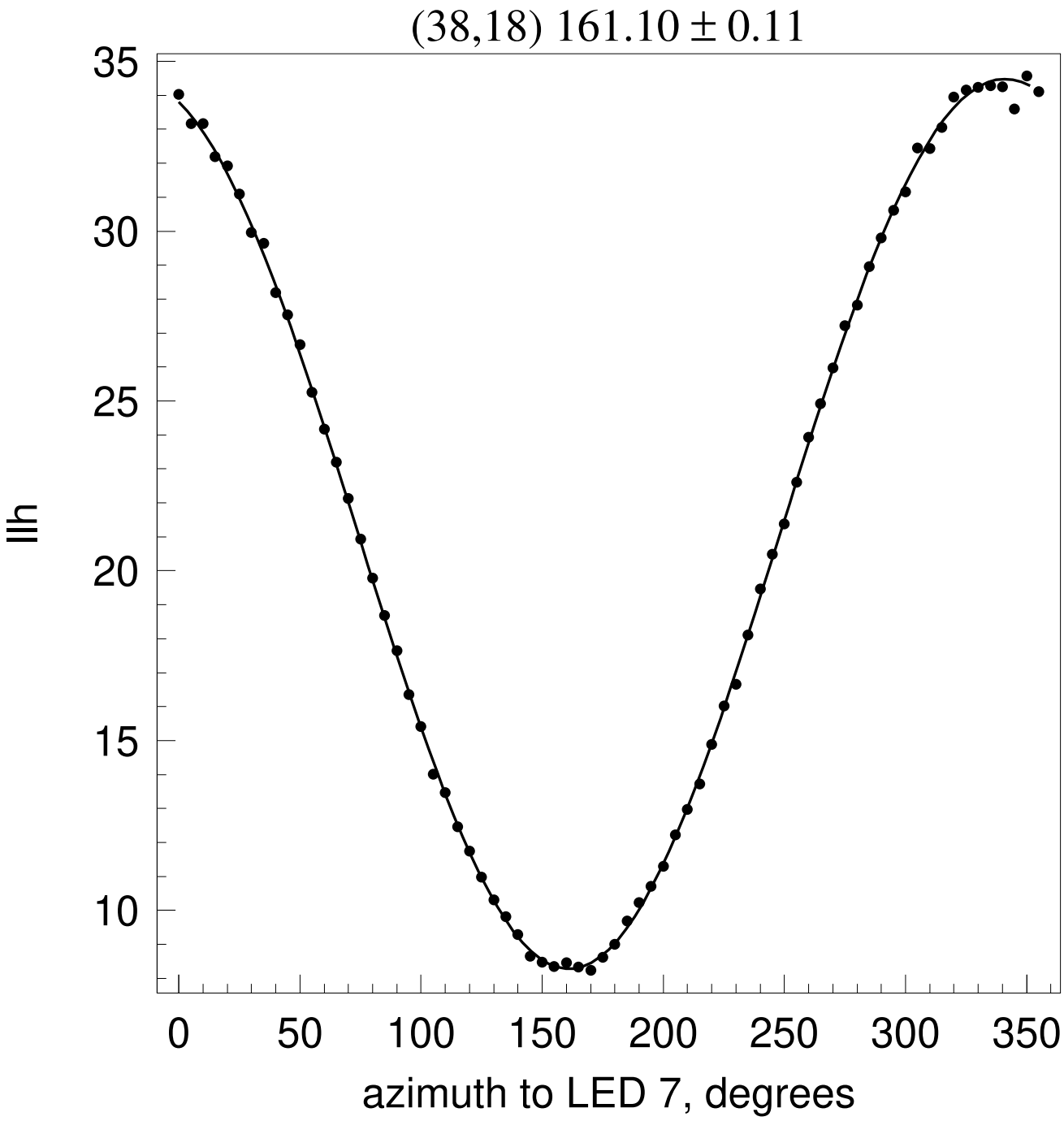

(38,13) 118.29 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

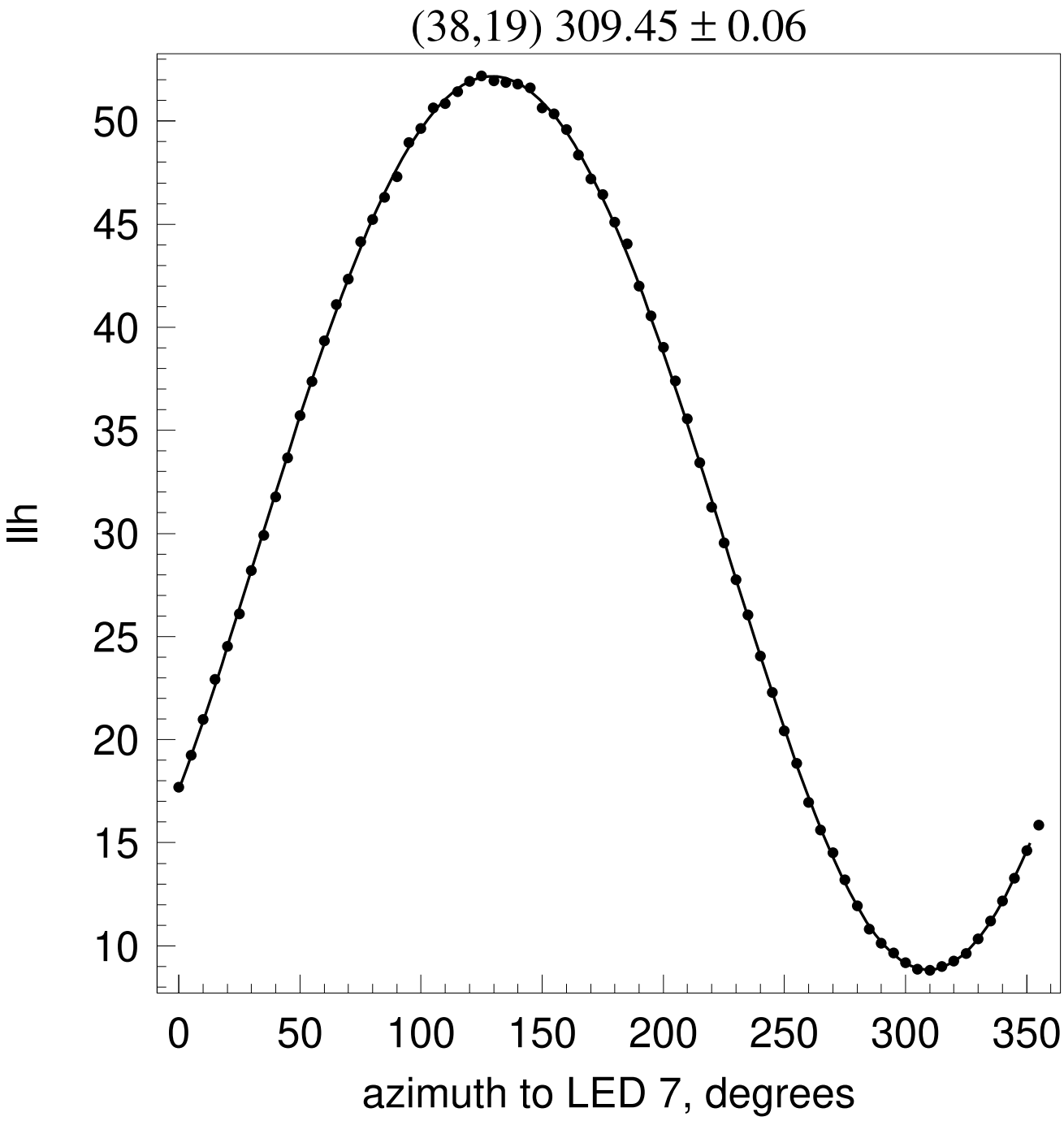

(38,14) 154.34 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

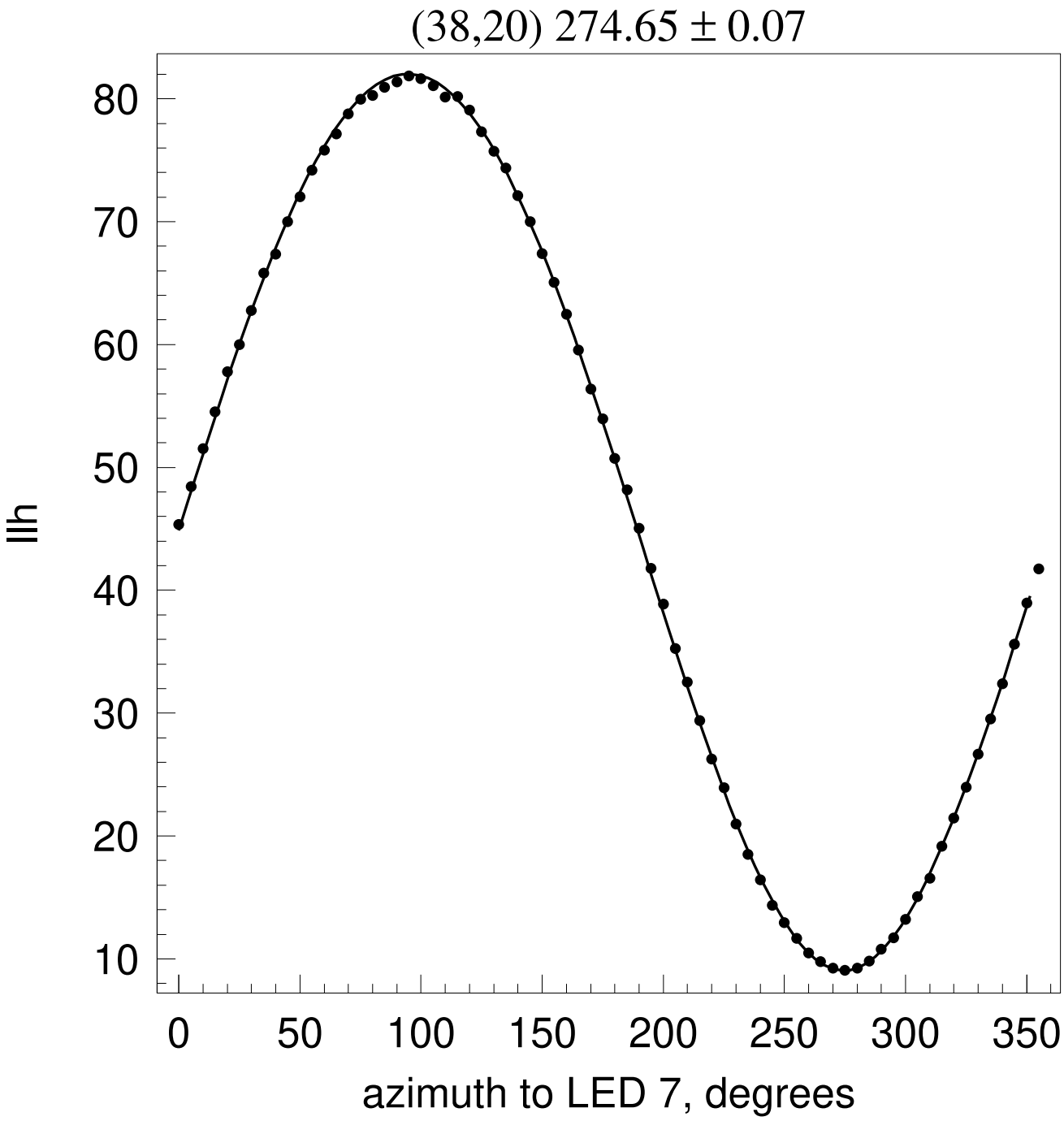

(38,15) 95.37 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

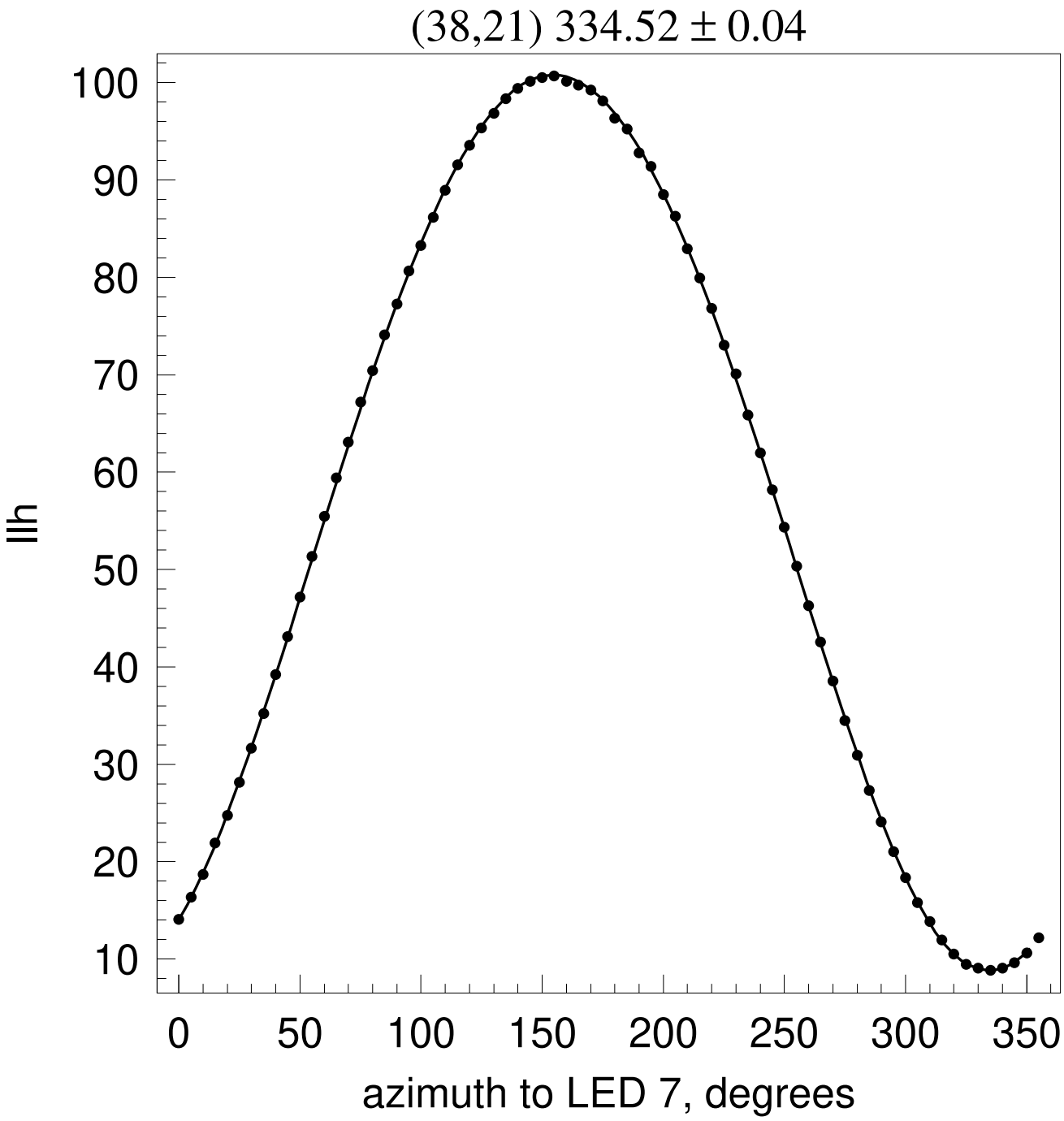

(38,16) 108.35 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

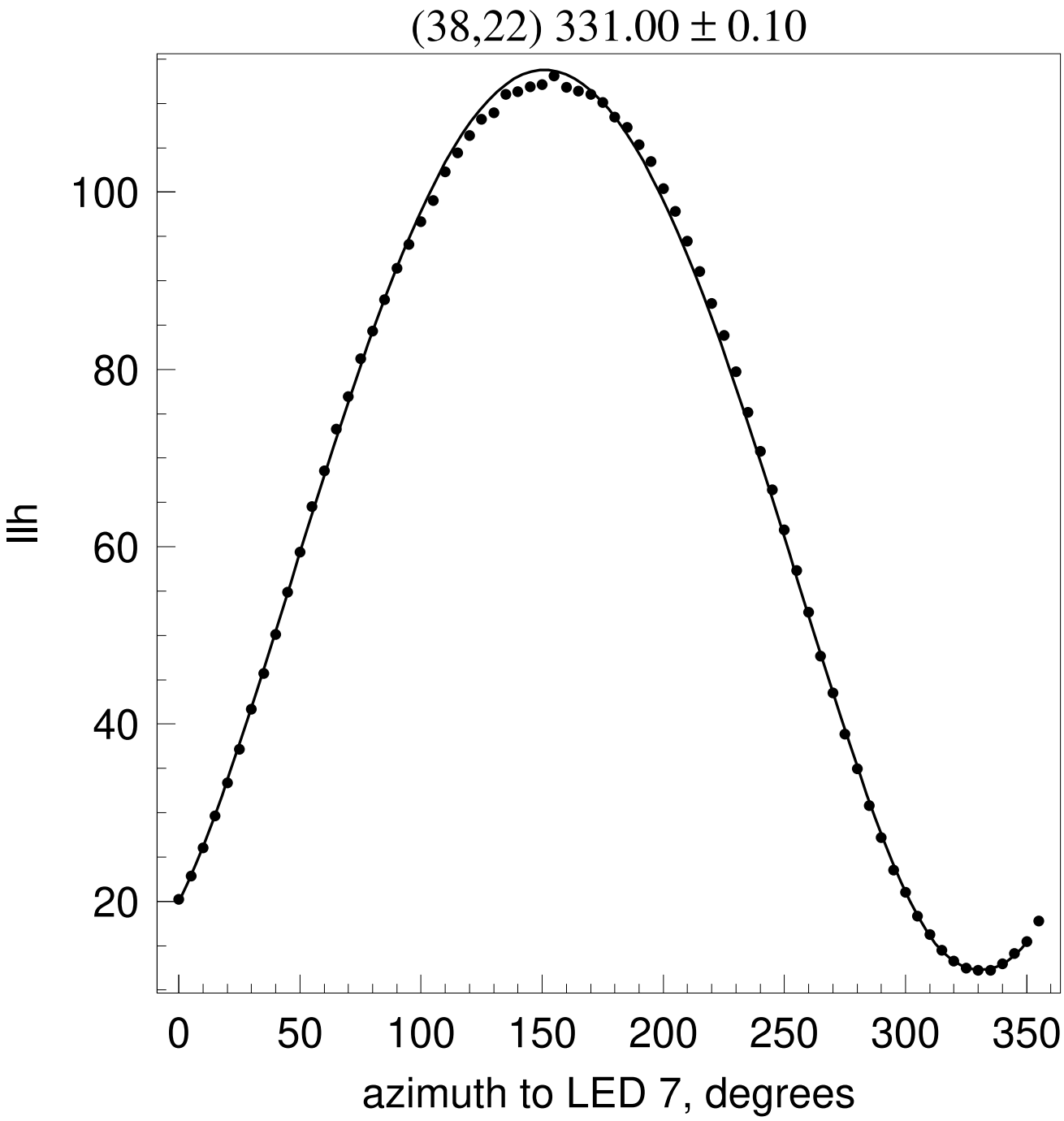

(38,17) 34.88 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

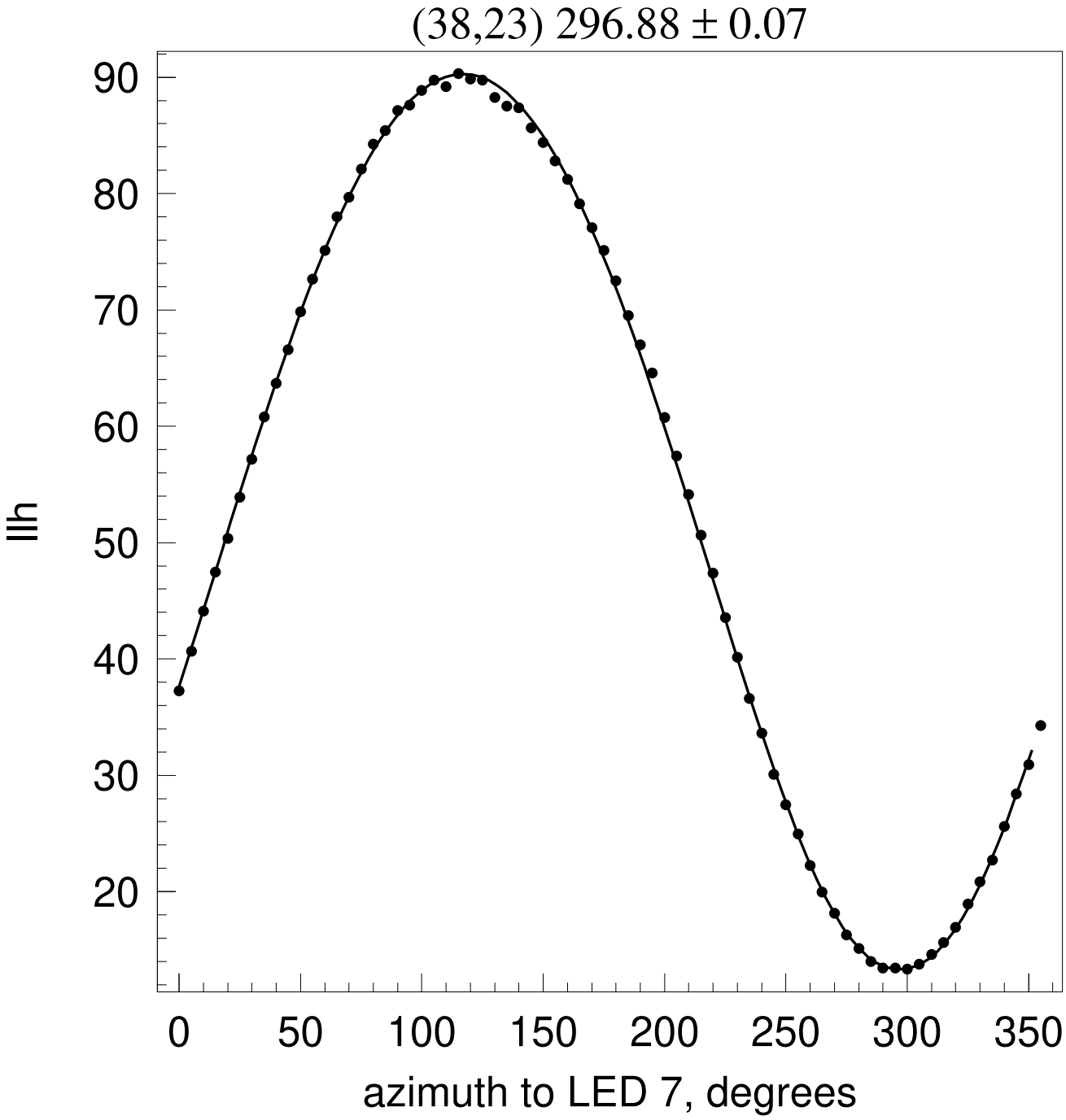

(38,18) 161.10 ± 0.11
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

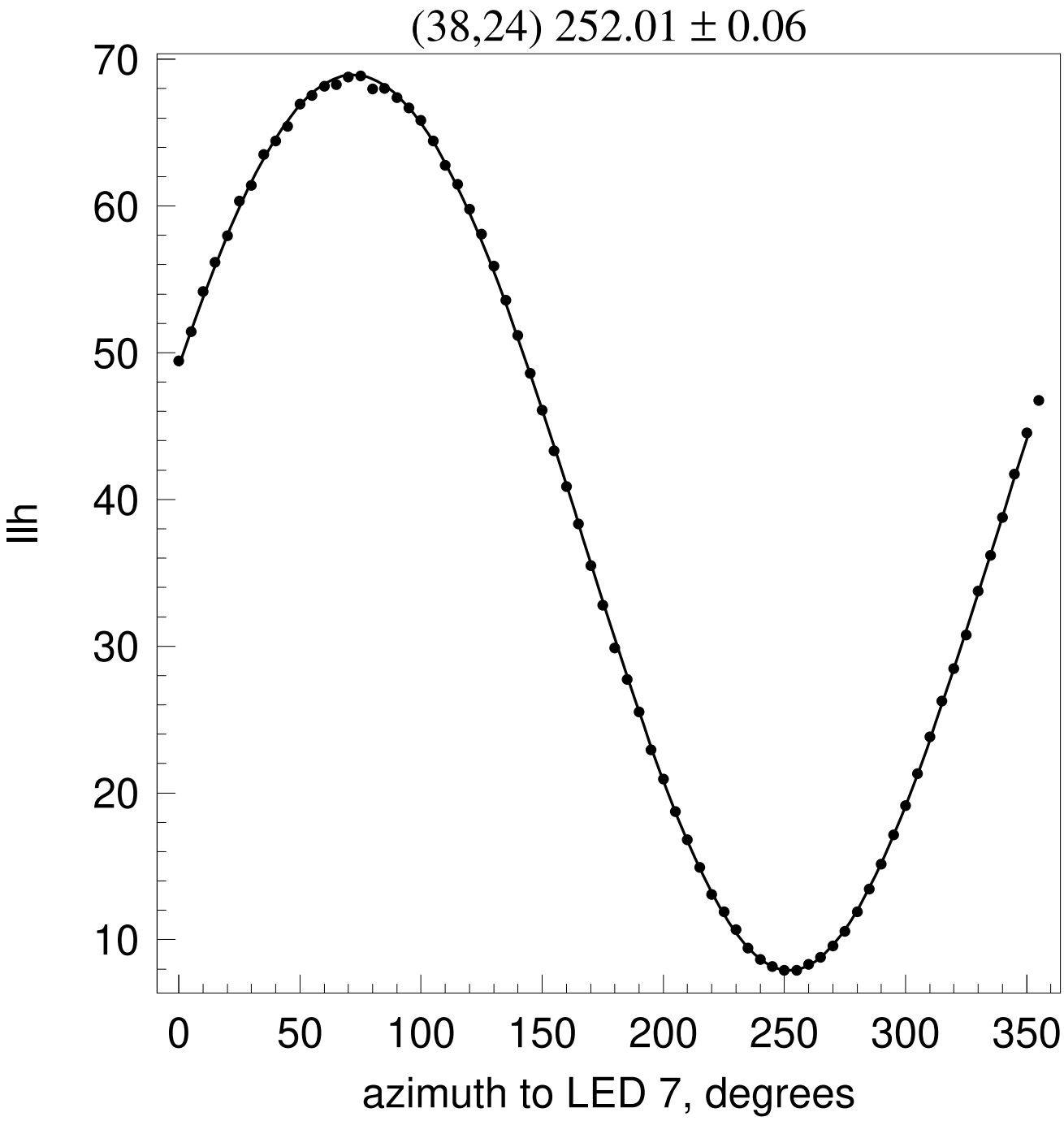

(38,19) 309.45 ± 0.06
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

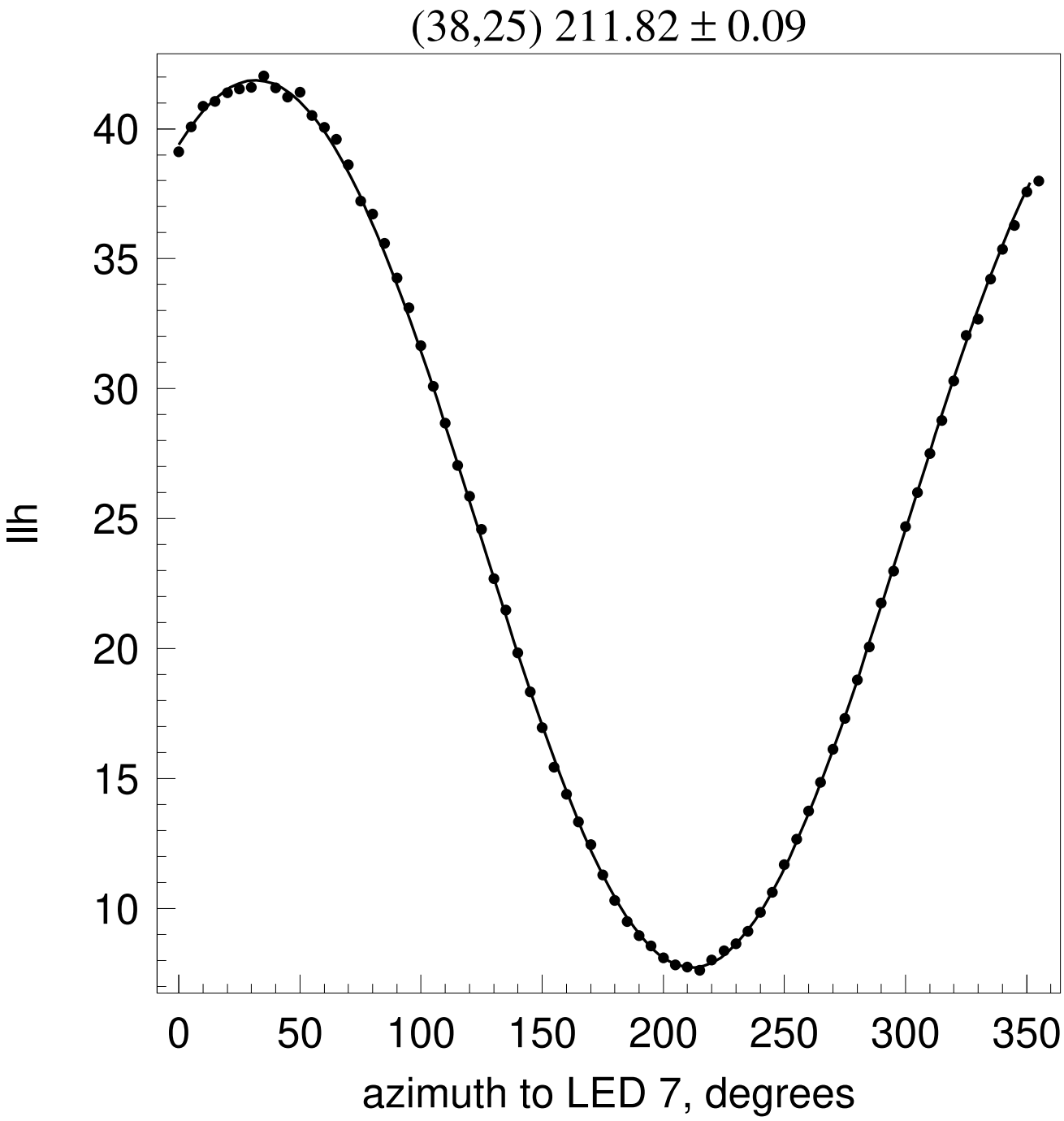

(38,20) 274.65 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

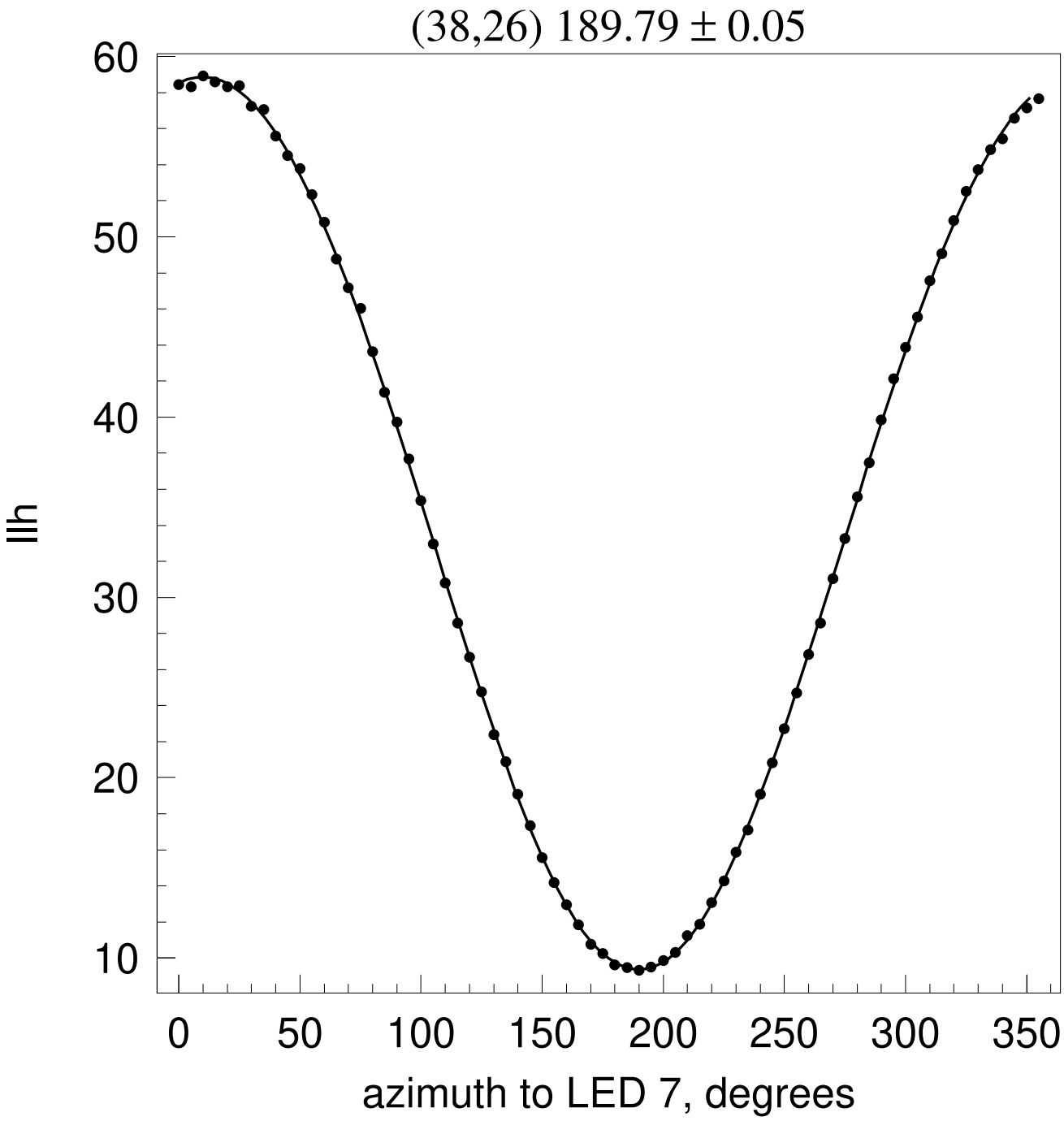

(38,21) 334.52 ± 0.04
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

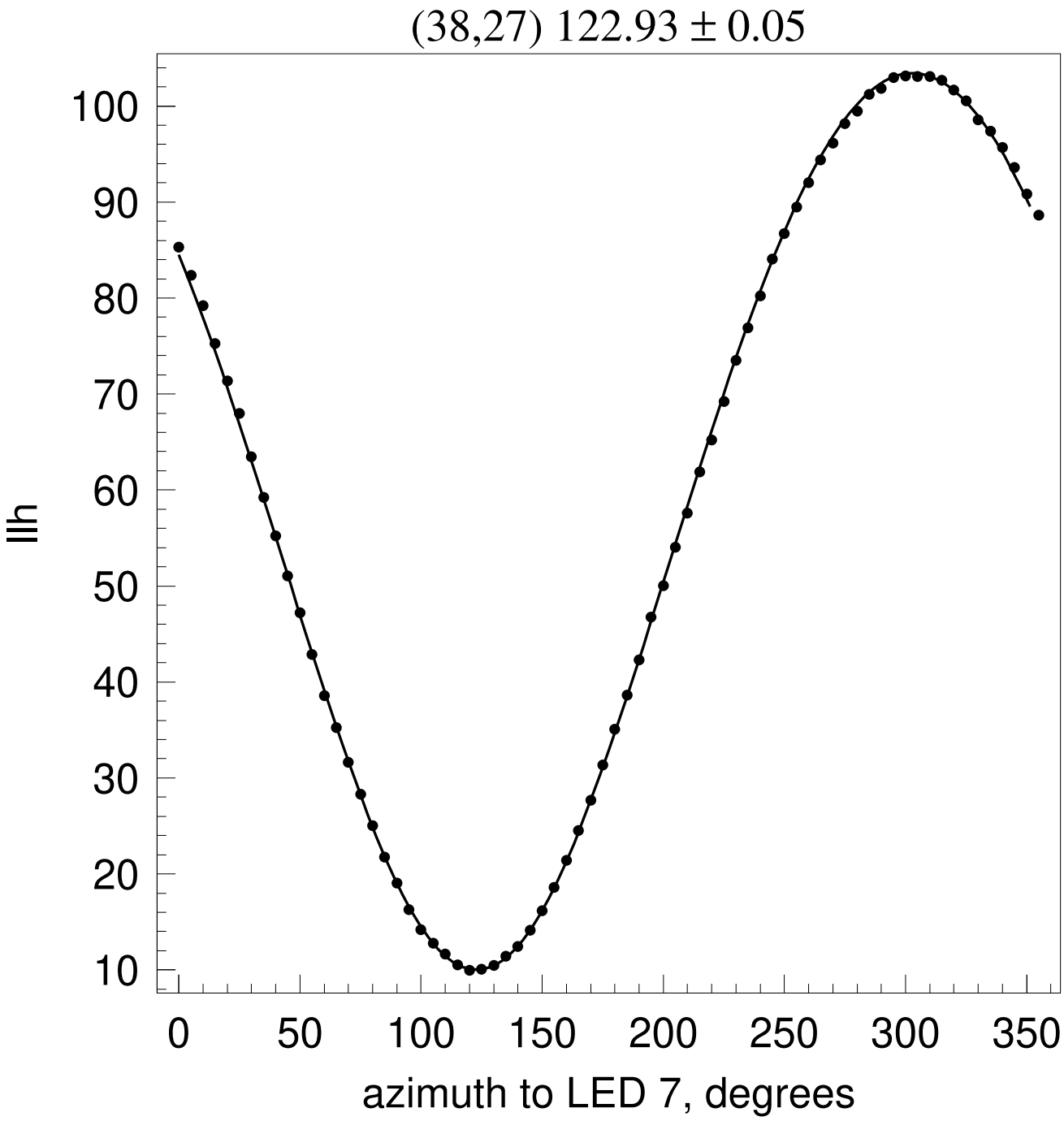

(38,22) 331.00 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

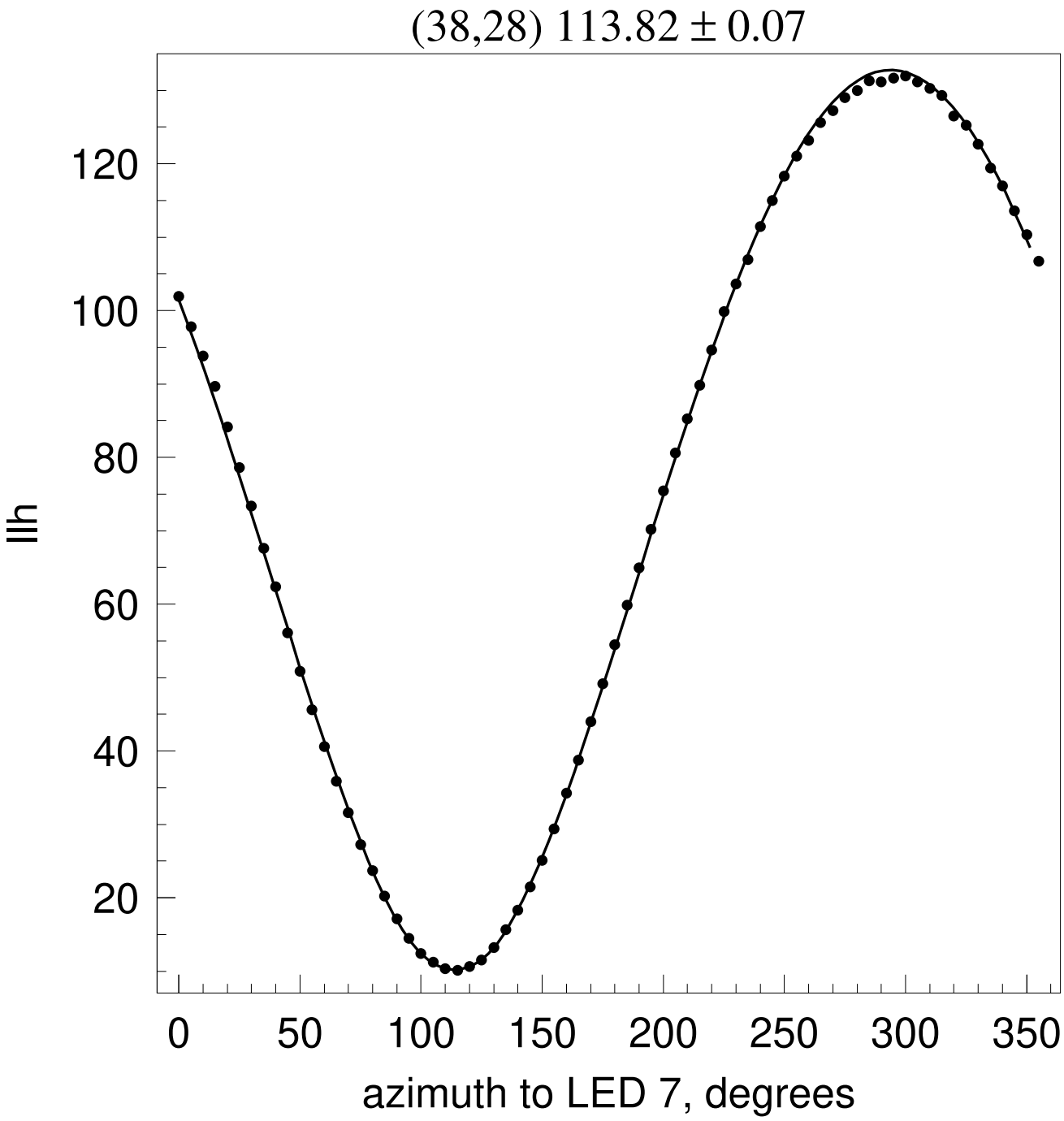

(38,23) 296.88 ± 0.07
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

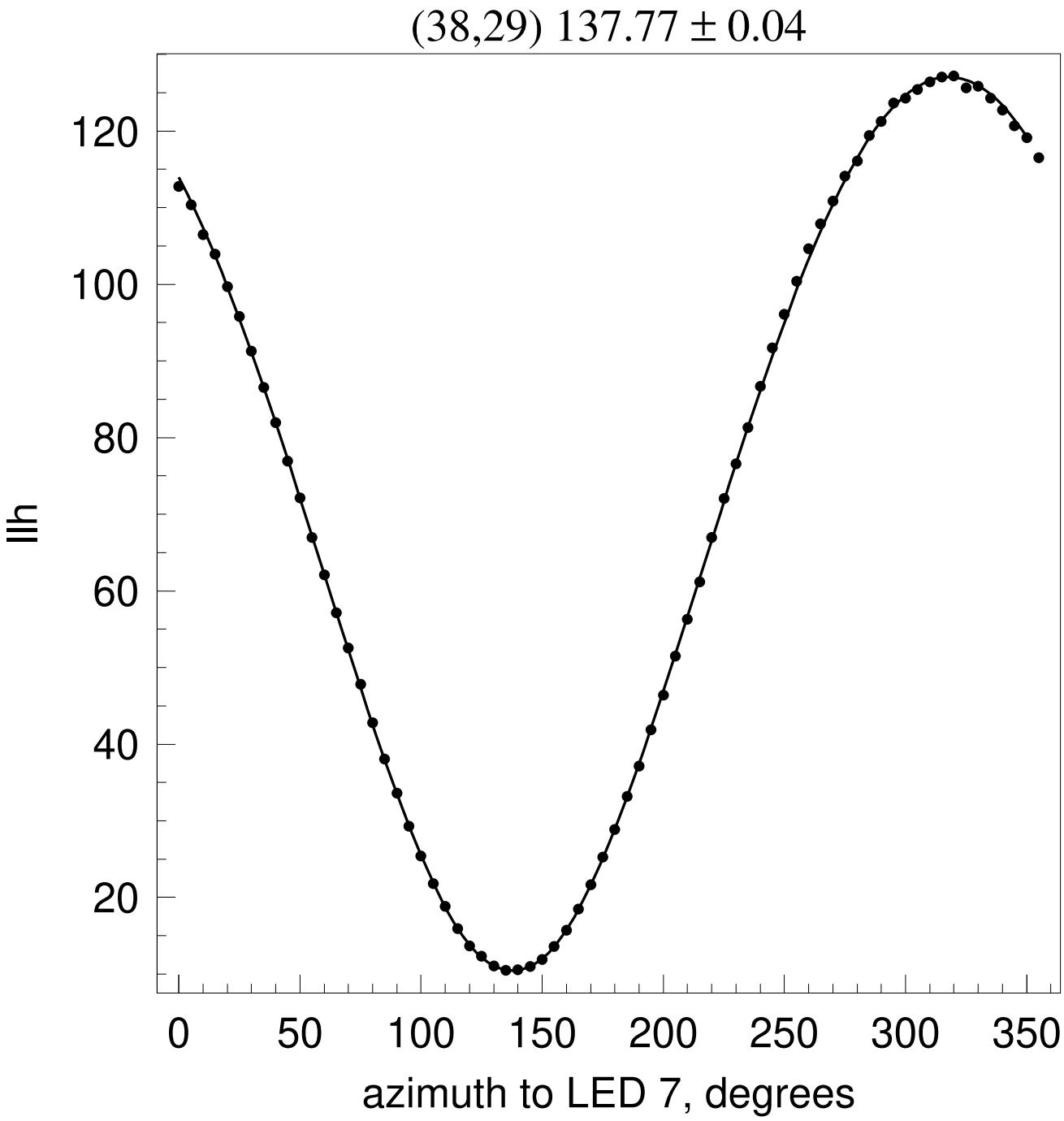

(38,24) 252.01 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

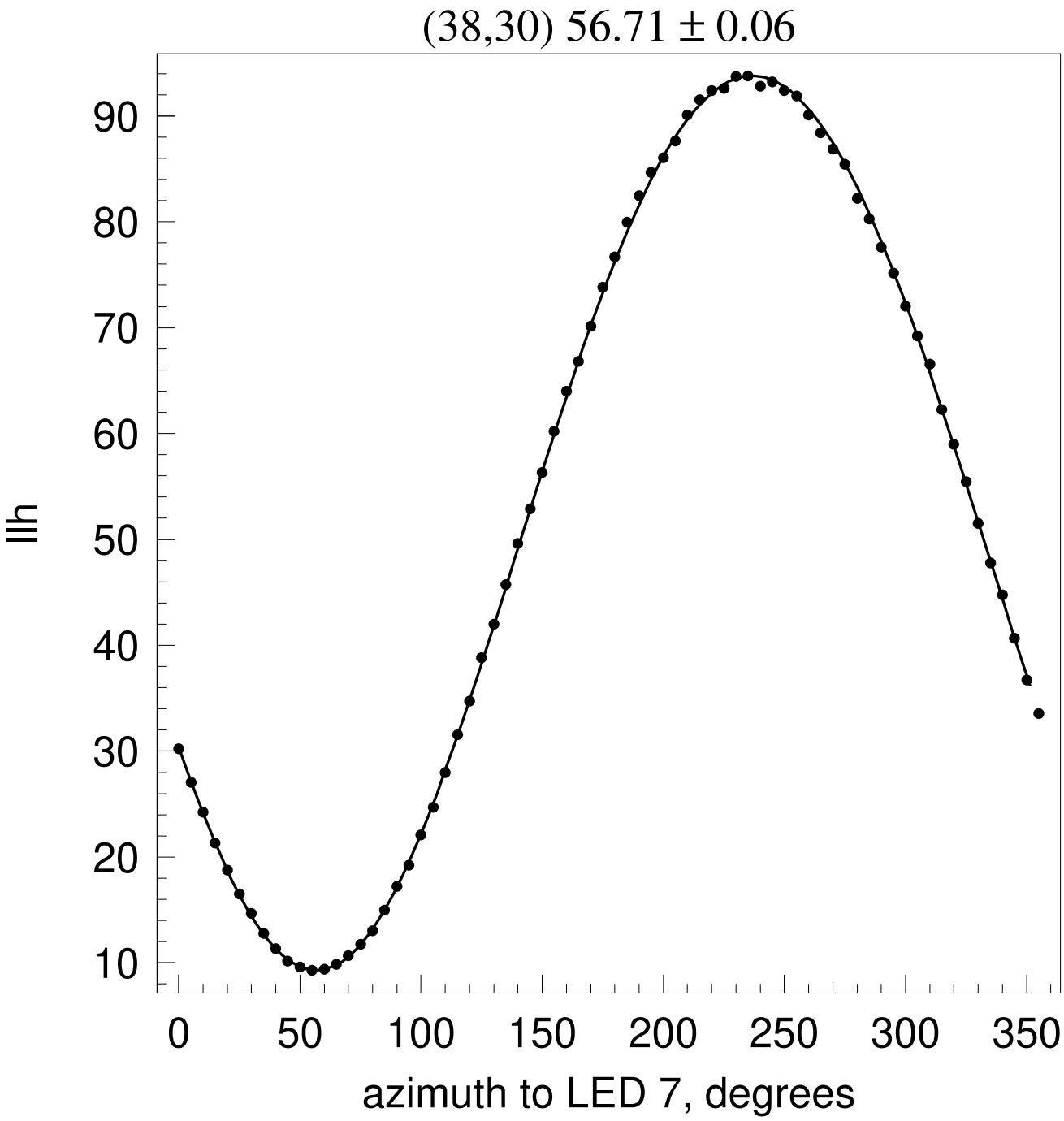

(38,25) 211.82 ± 0.09
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

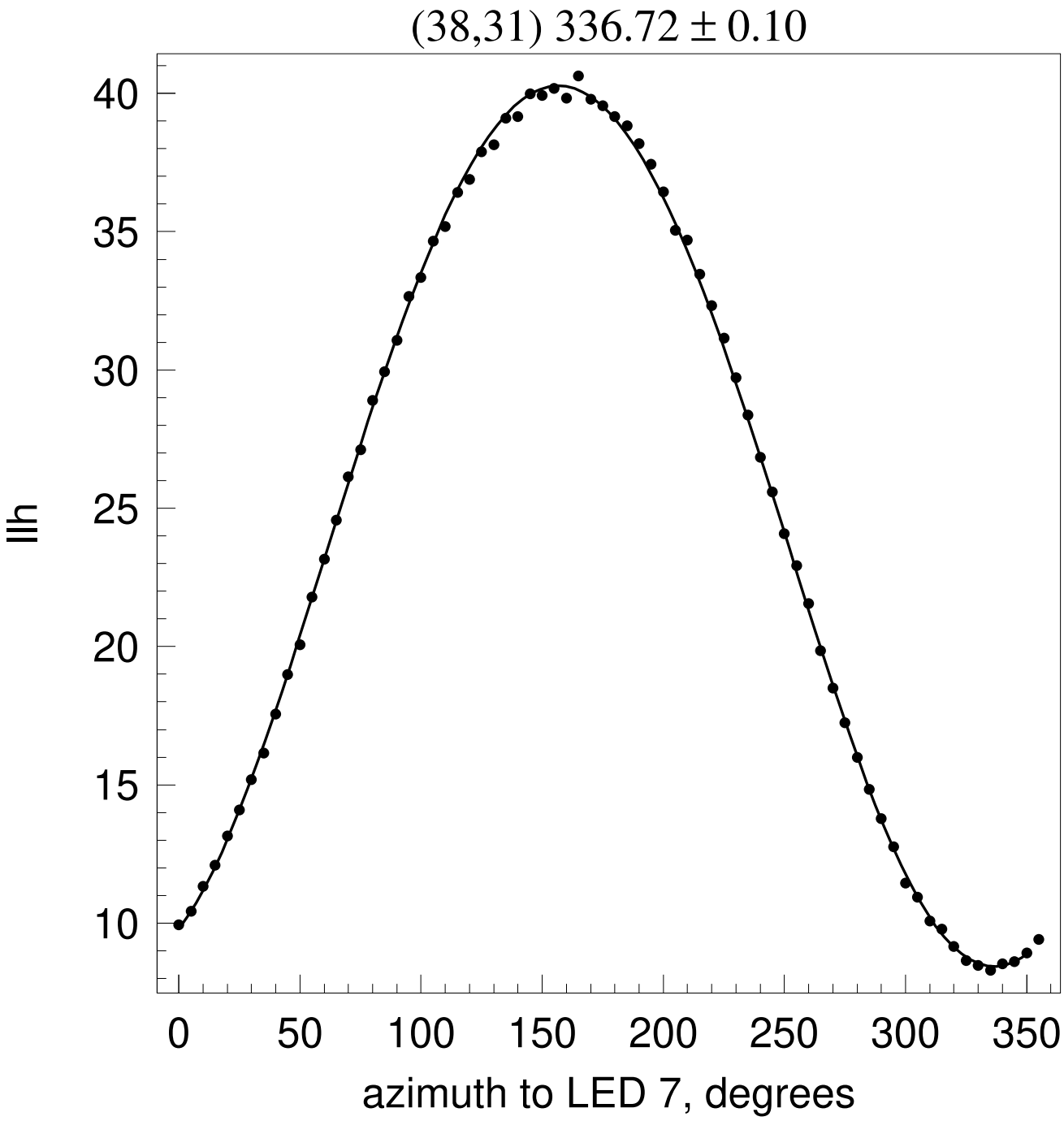

(38,26) 189.79 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

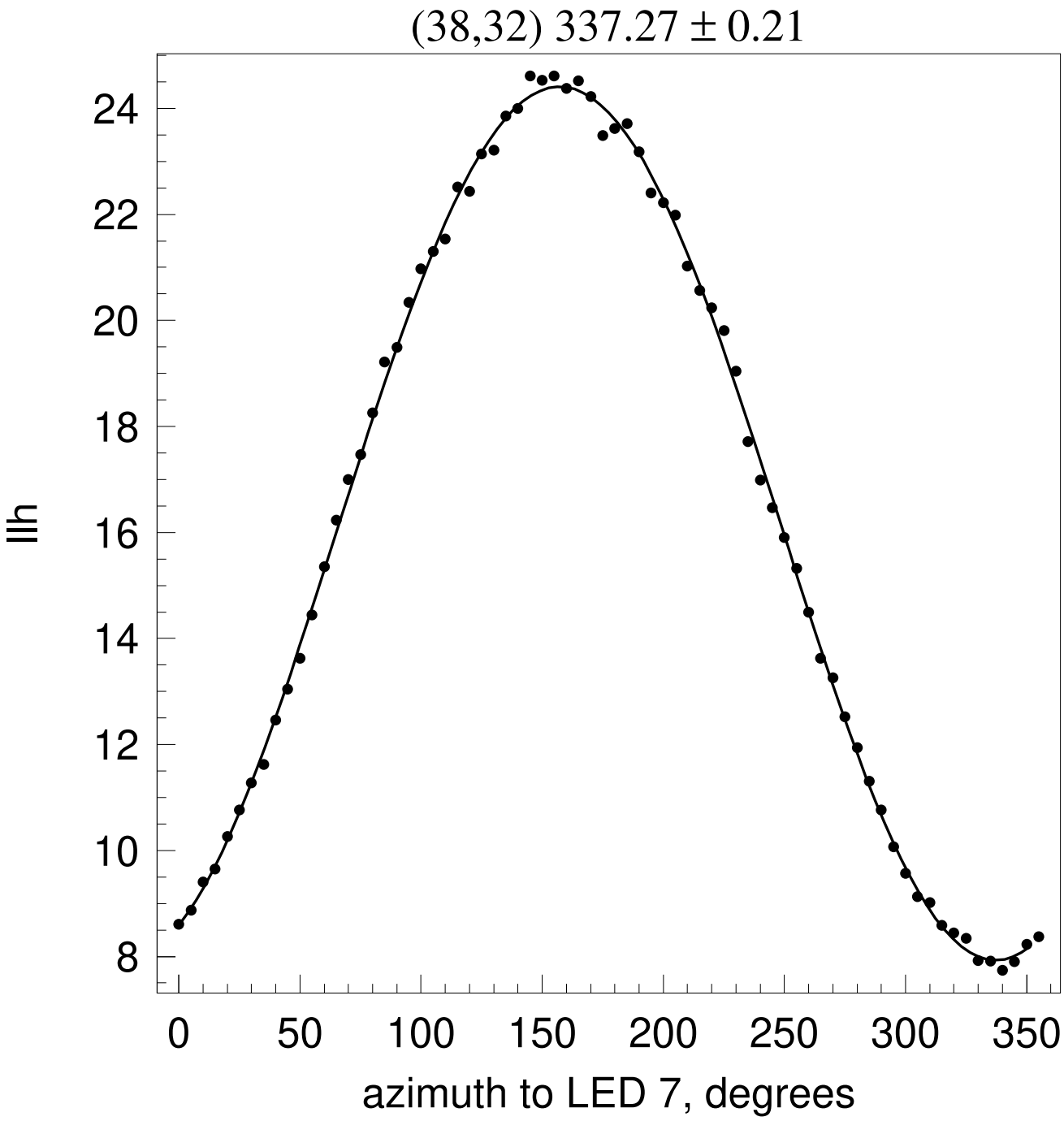

(38,27) 122.93 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

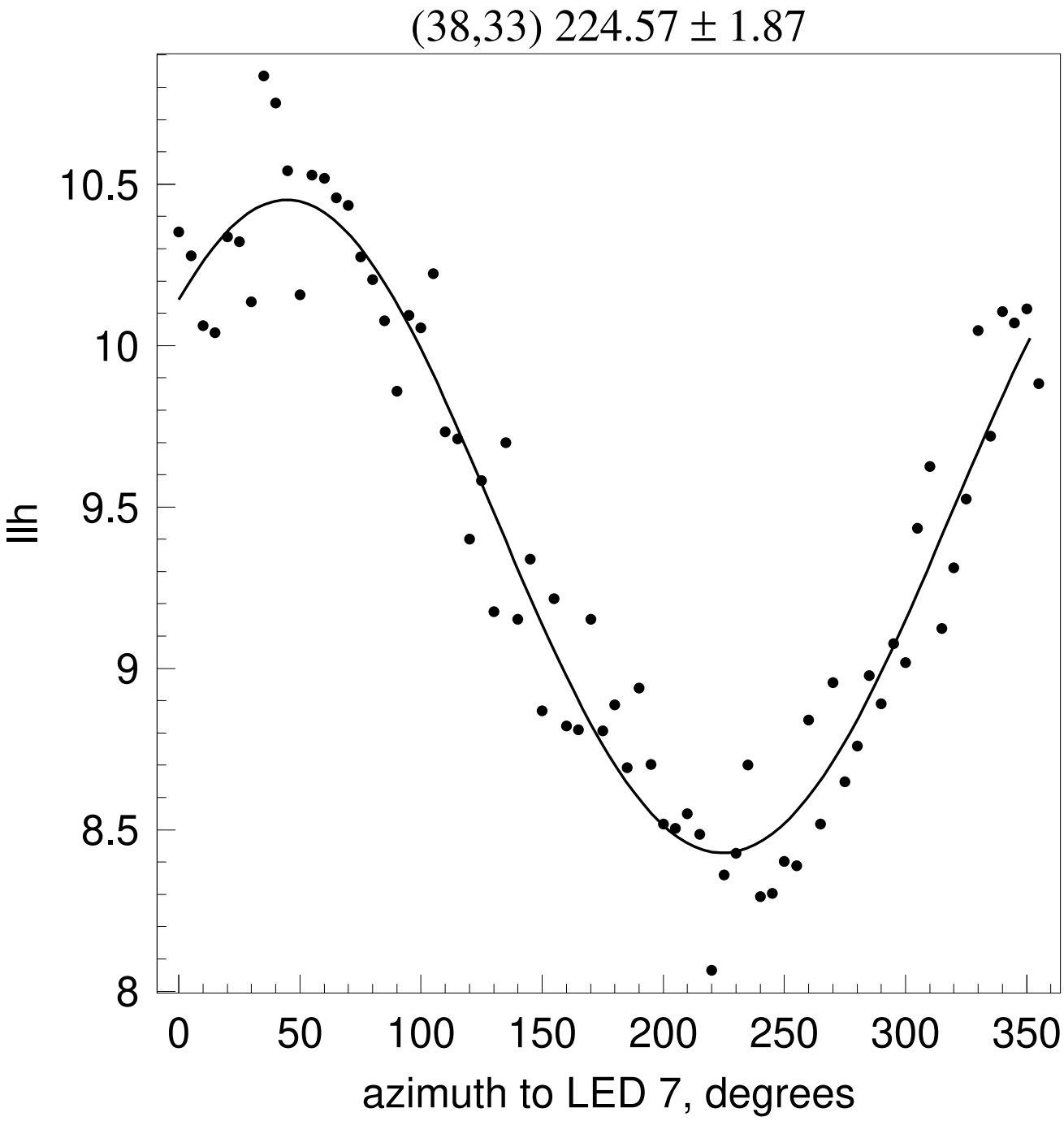

(38,28) 113.82 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

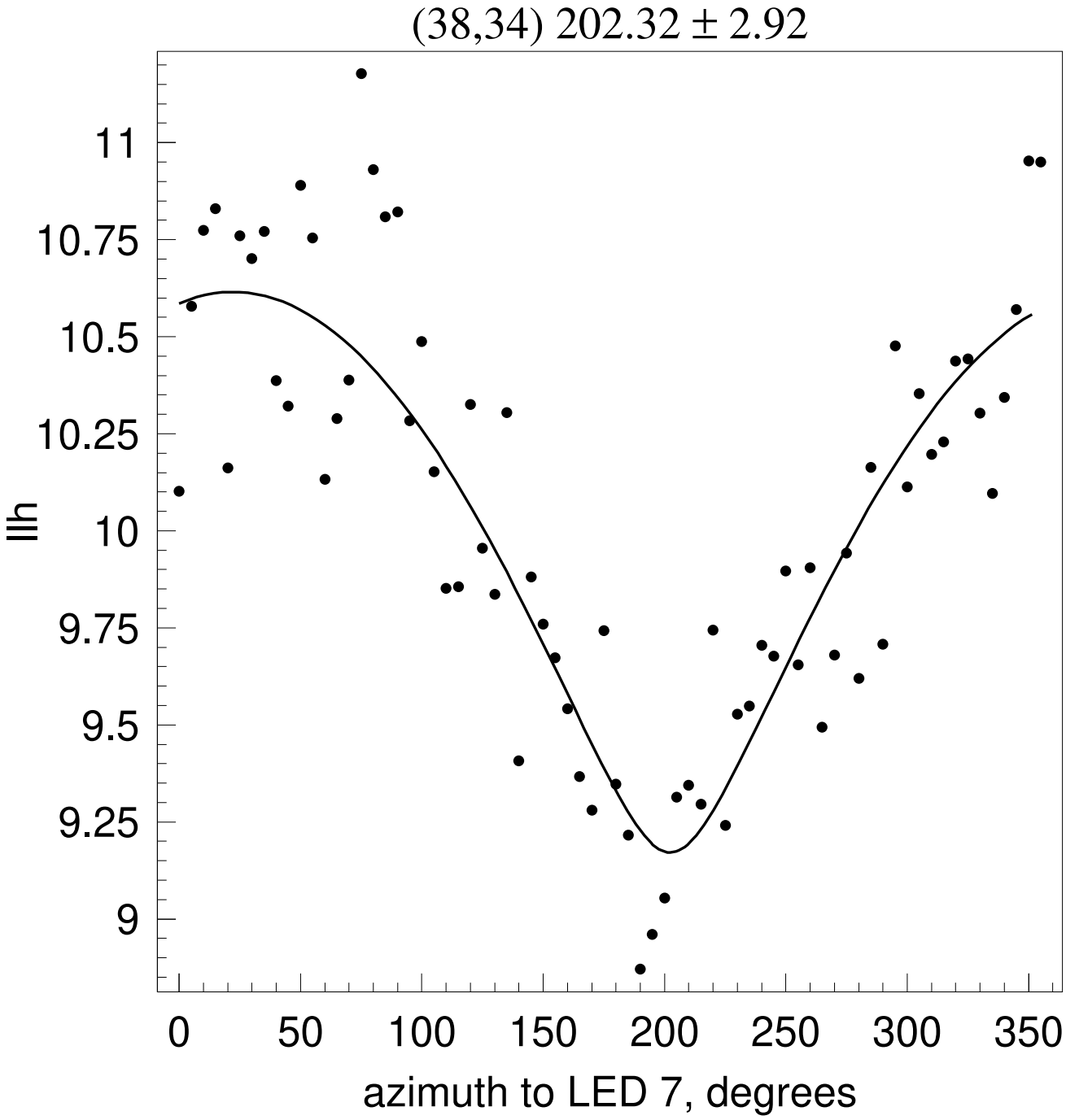

(38,29) 137.77 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

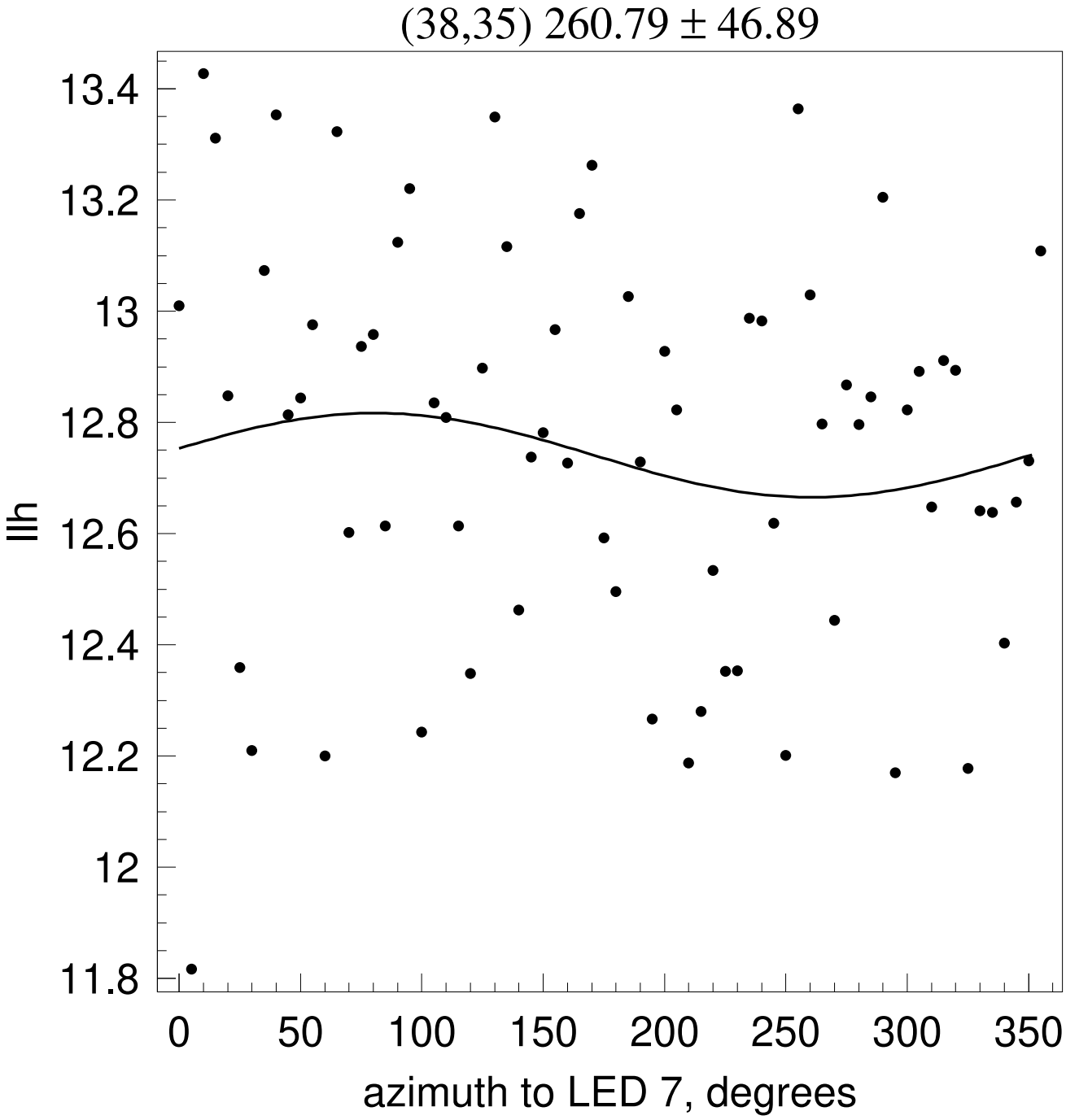

(38,30) 56.71 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

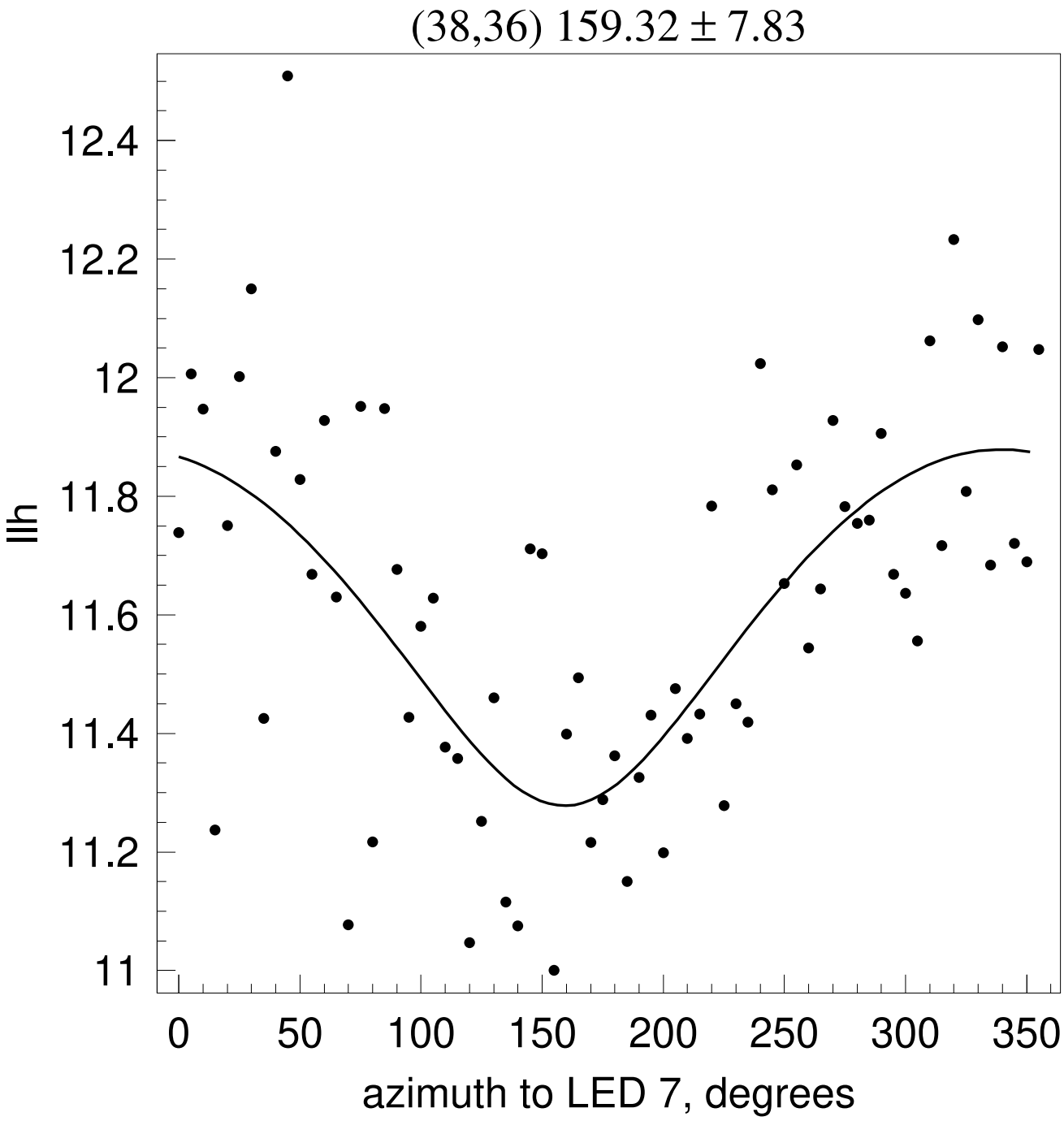

(38,31) 336.72 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

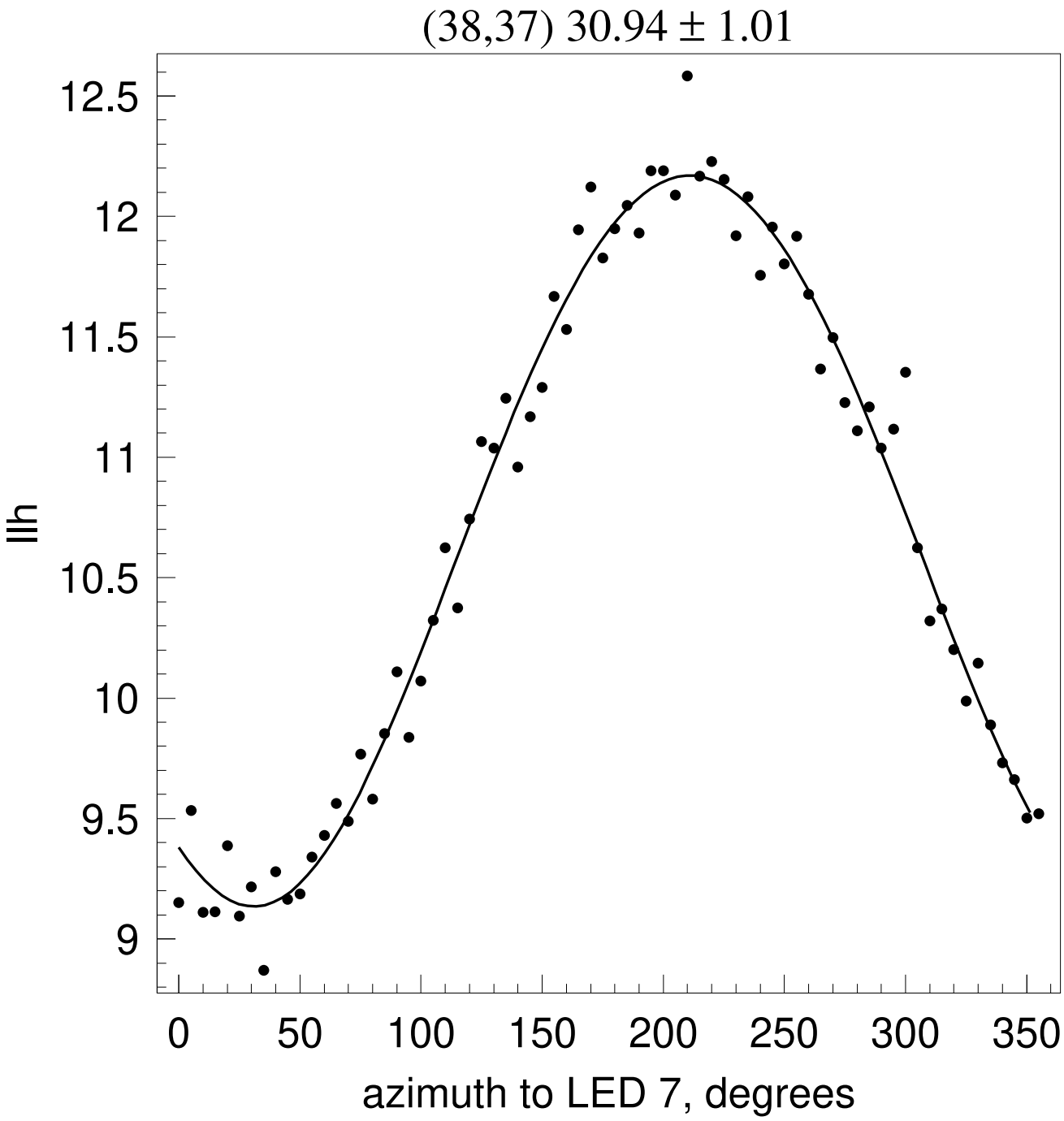

(38,32) 337.27 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

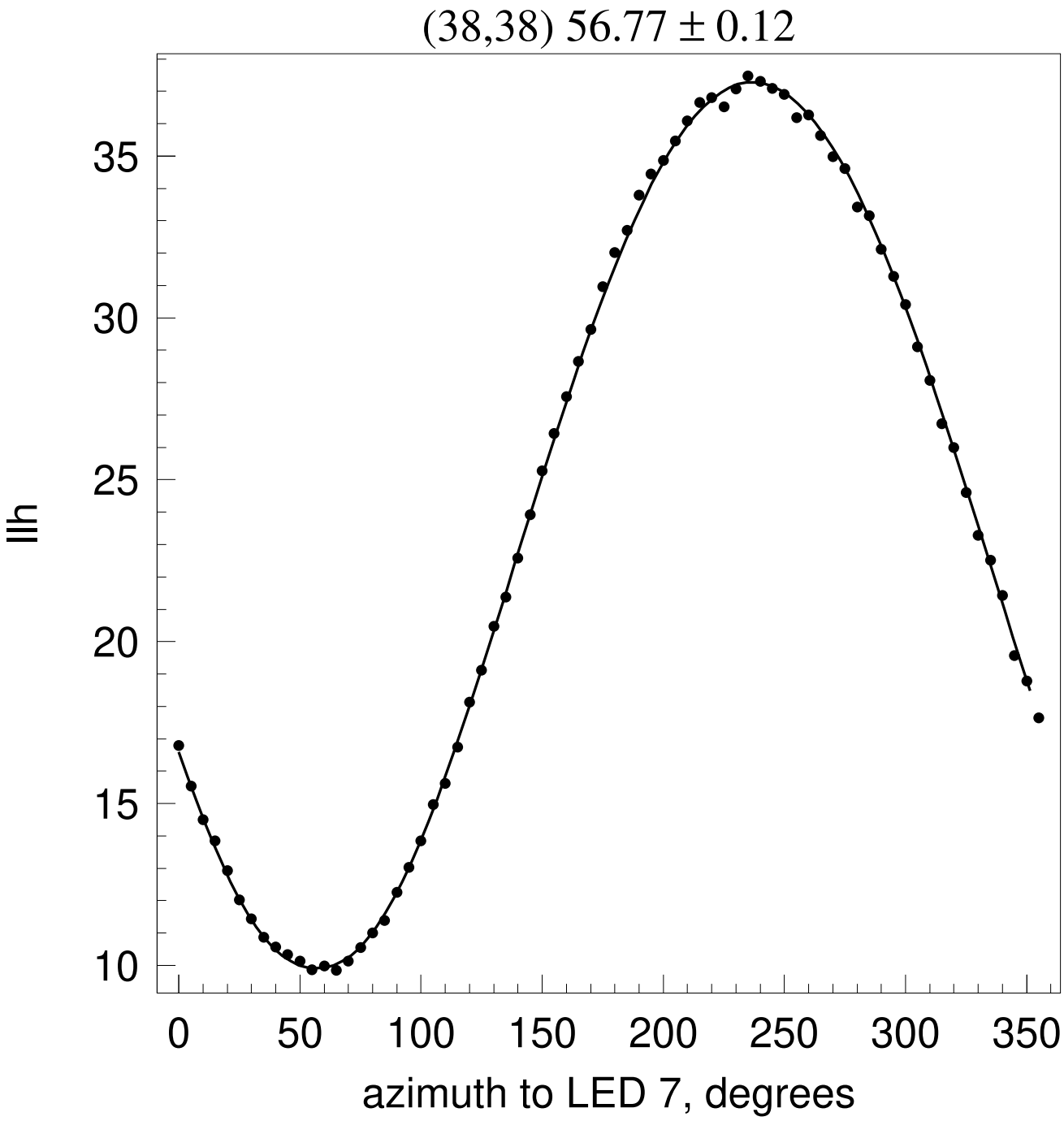

(38,33) 224.57 ± 1.87
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

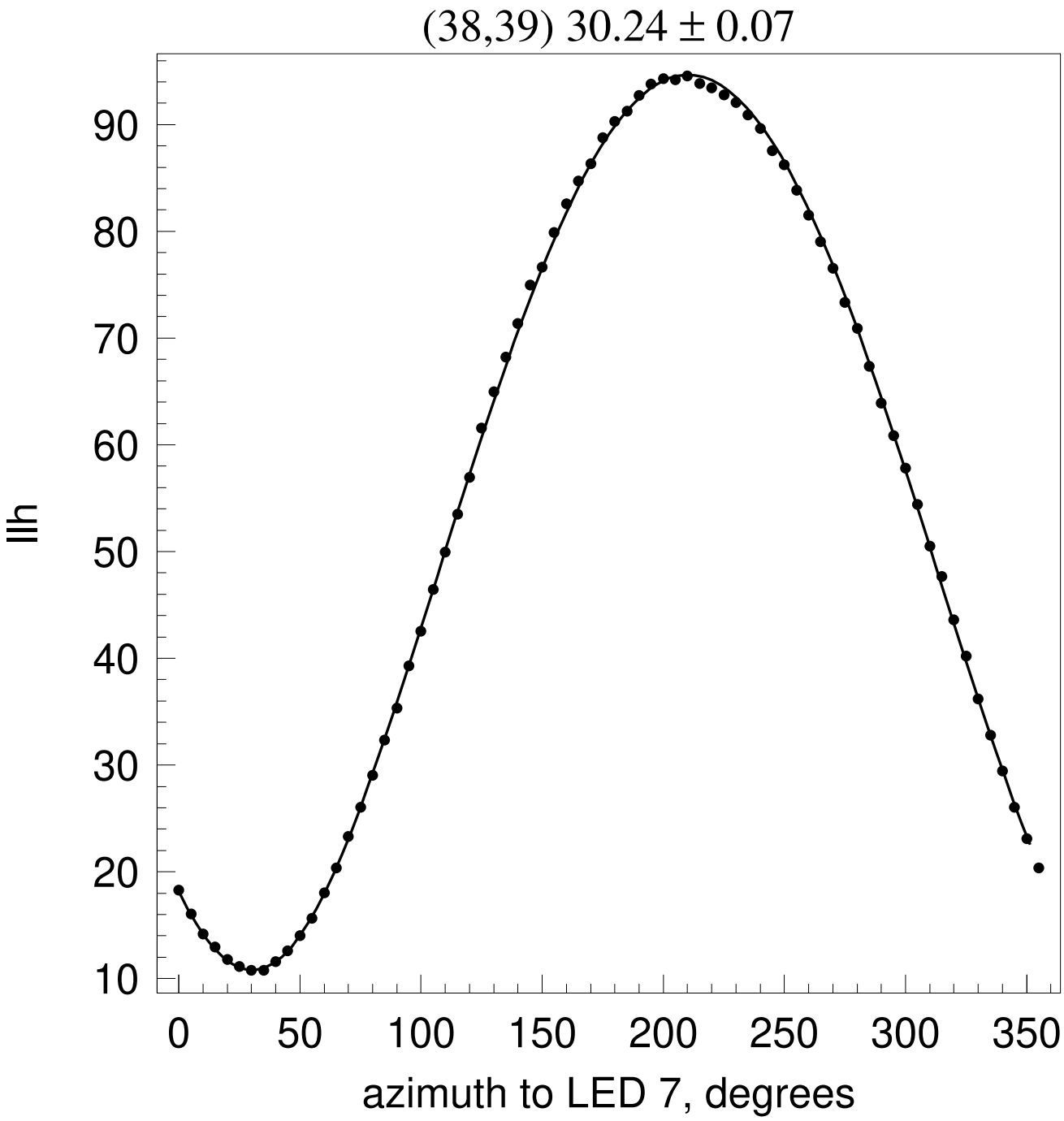

(38,34) 202.32 ± 2.92
11
10.75
10.5
10.25
10
9.75
9.5
9.25
9
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

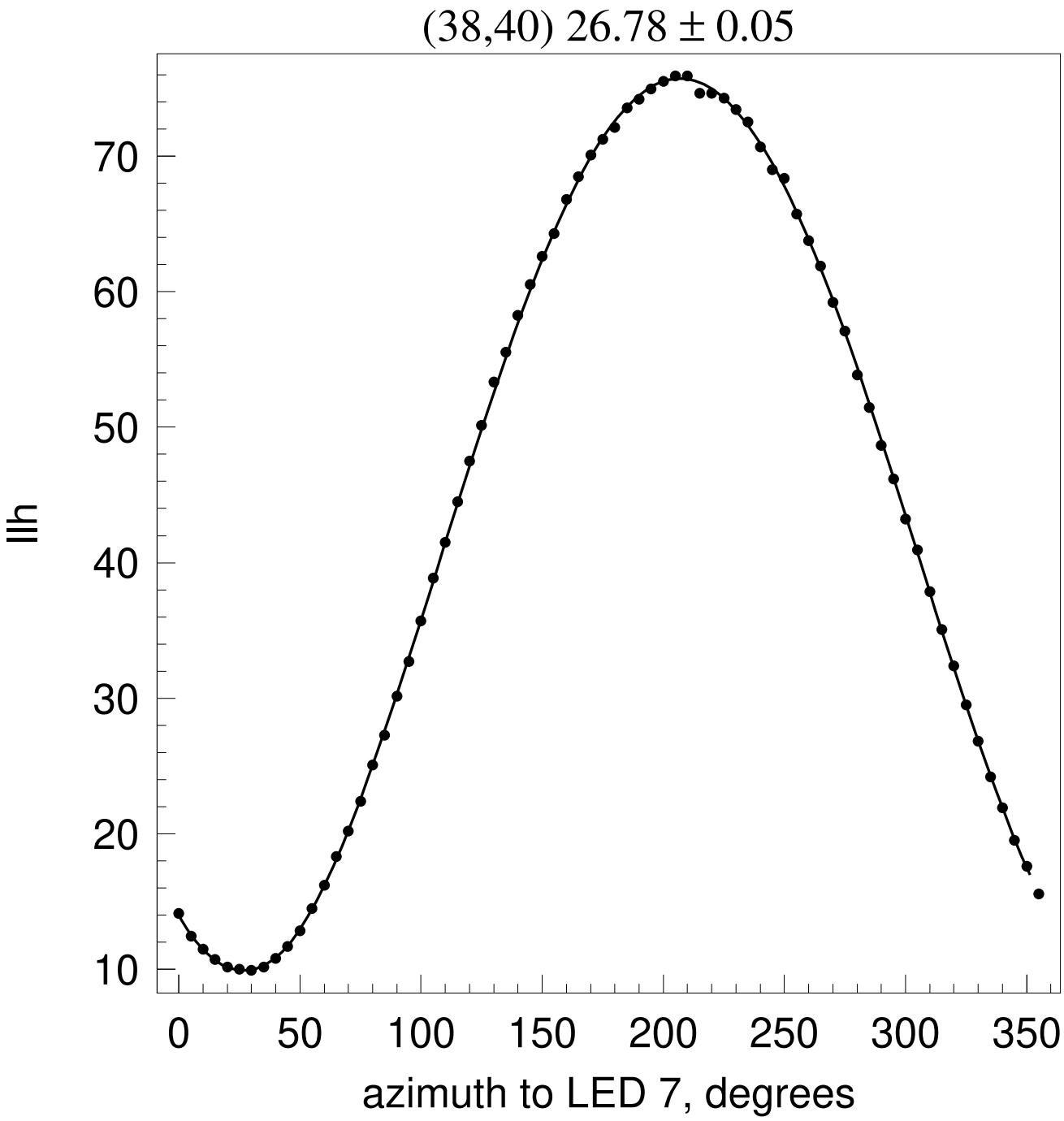

(38,35) 260.79 ± 46.89
13.4
13.2
13
12.8
12.6
12.4
12.2
12
11.8
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

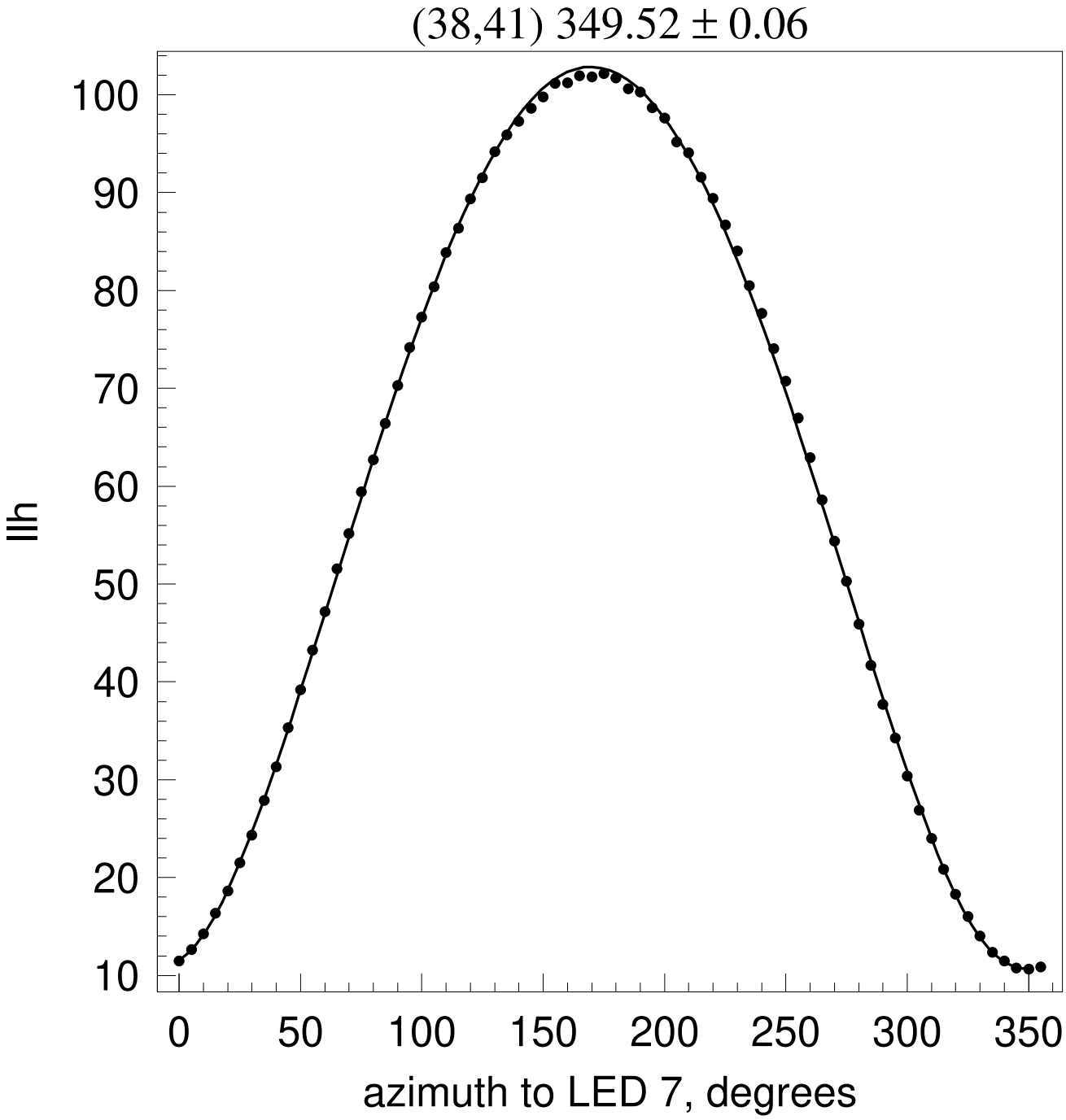

(38,36) 159.32 ± 7.83
12.4
12.2
12
11.8
11.6
11.4
11.2
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

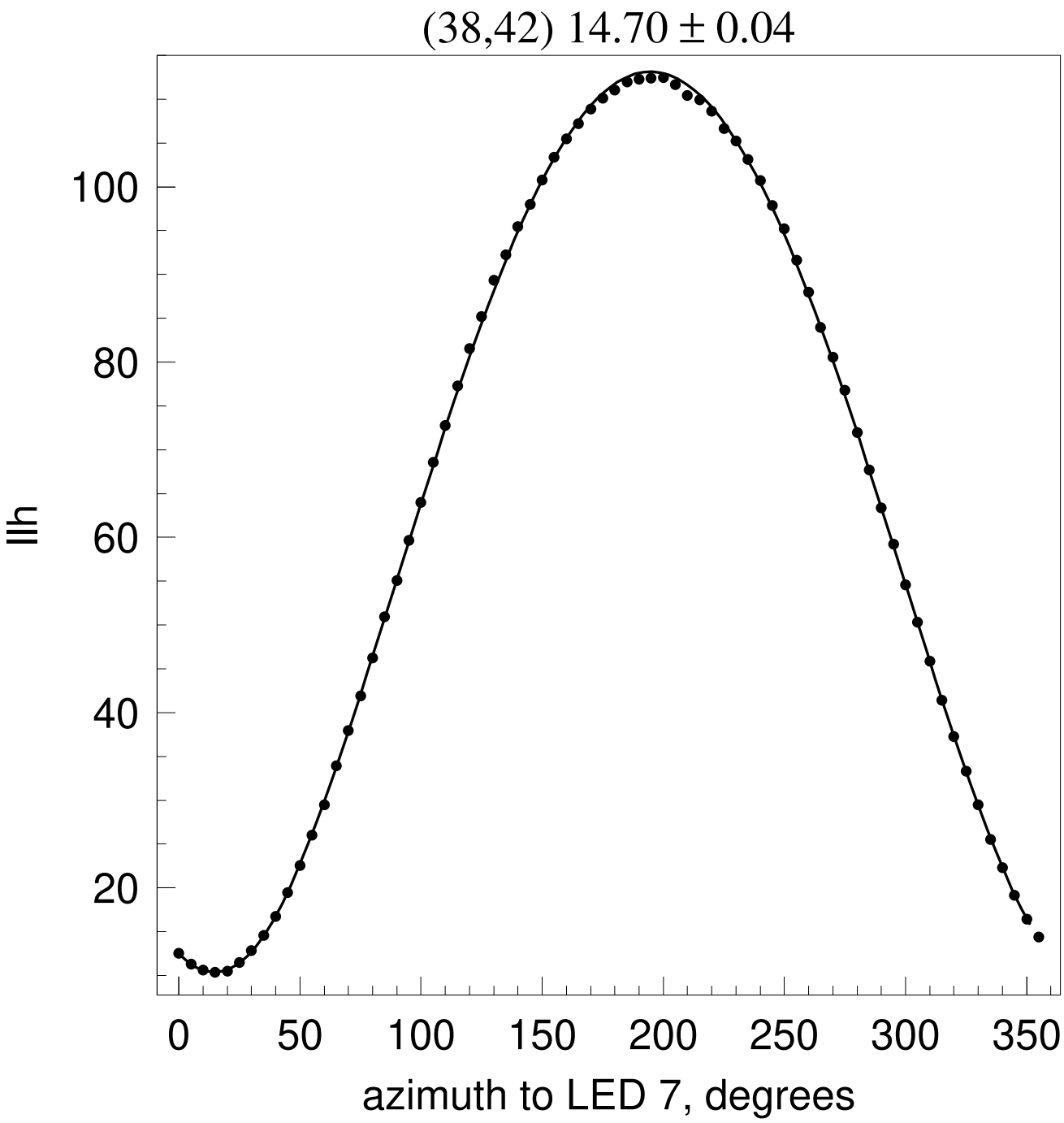

(38,37) 30.94 ± 1.01
12.5
12
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

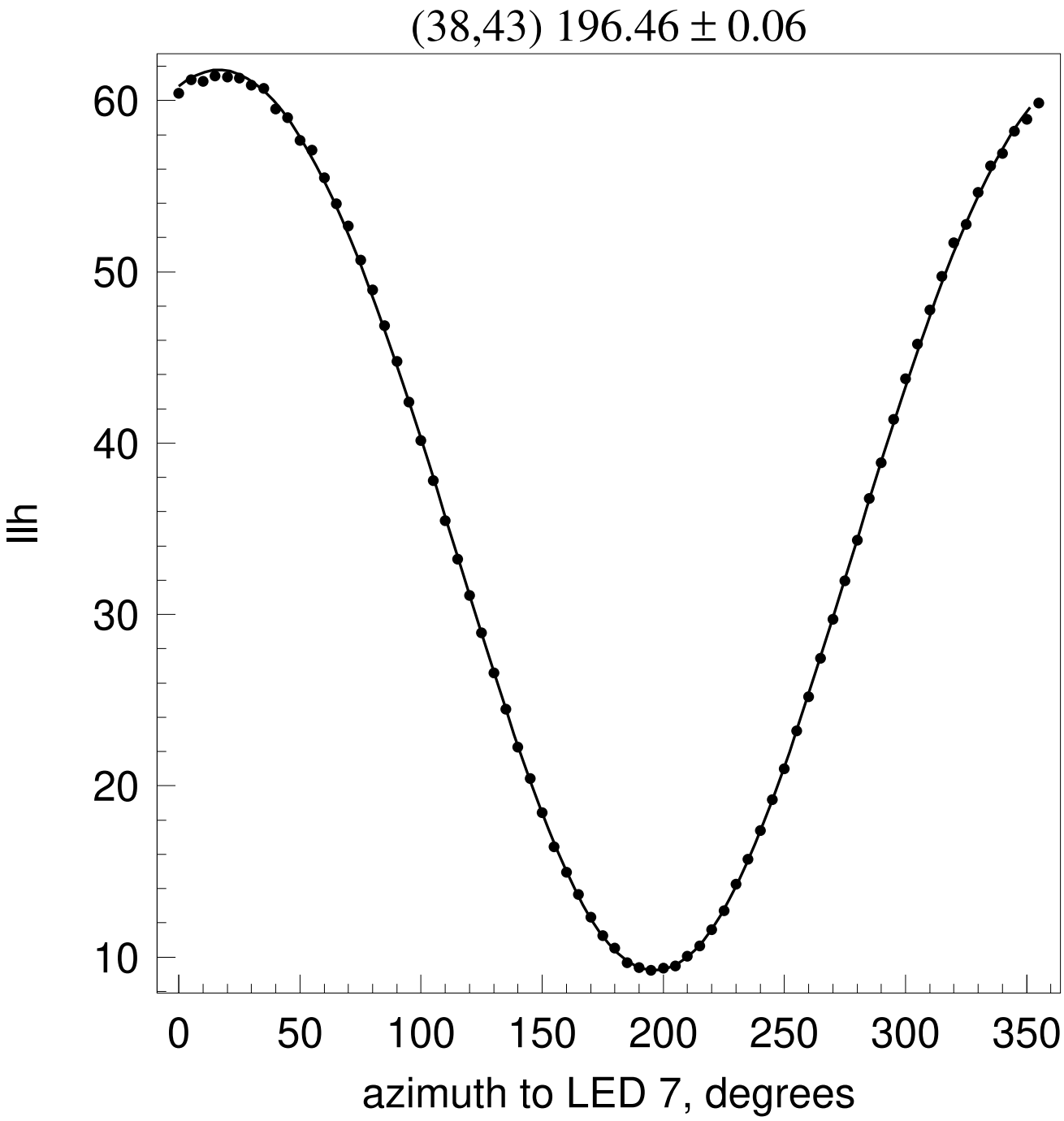

(38,38) 56.77 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

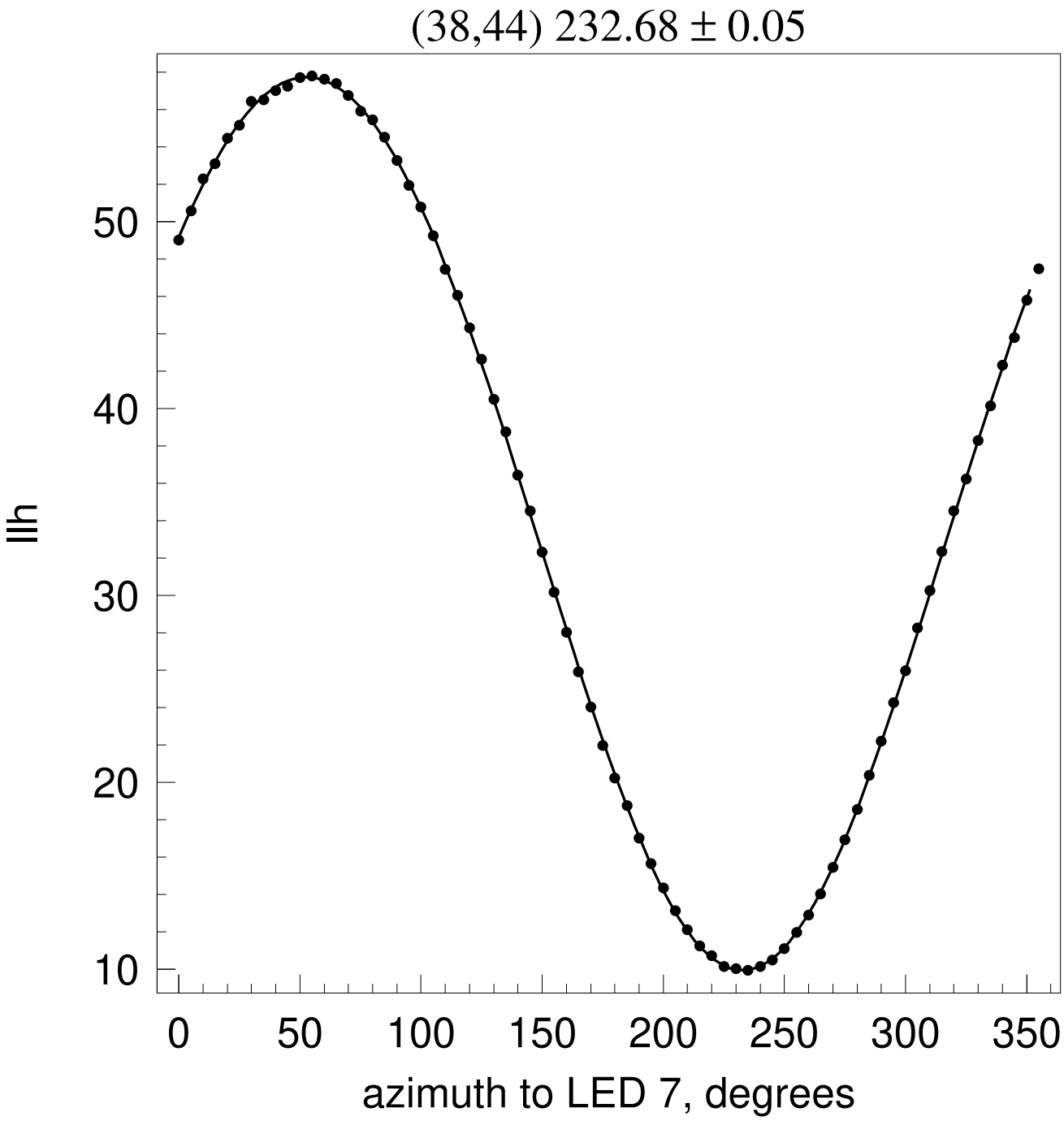

(38,39) 30.24 ± 0.07
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

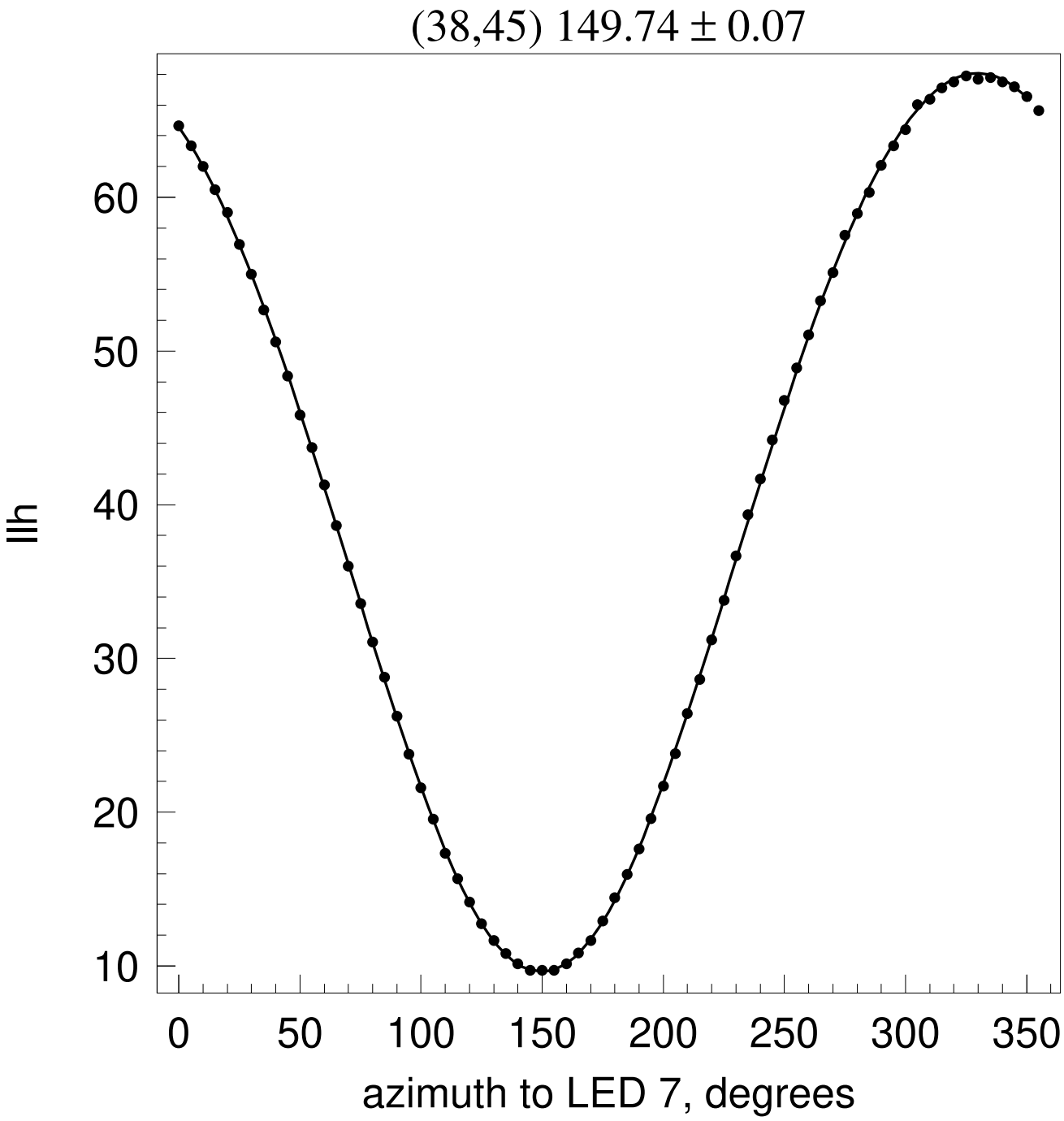

(38,40) 26.78 ± 0.05
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

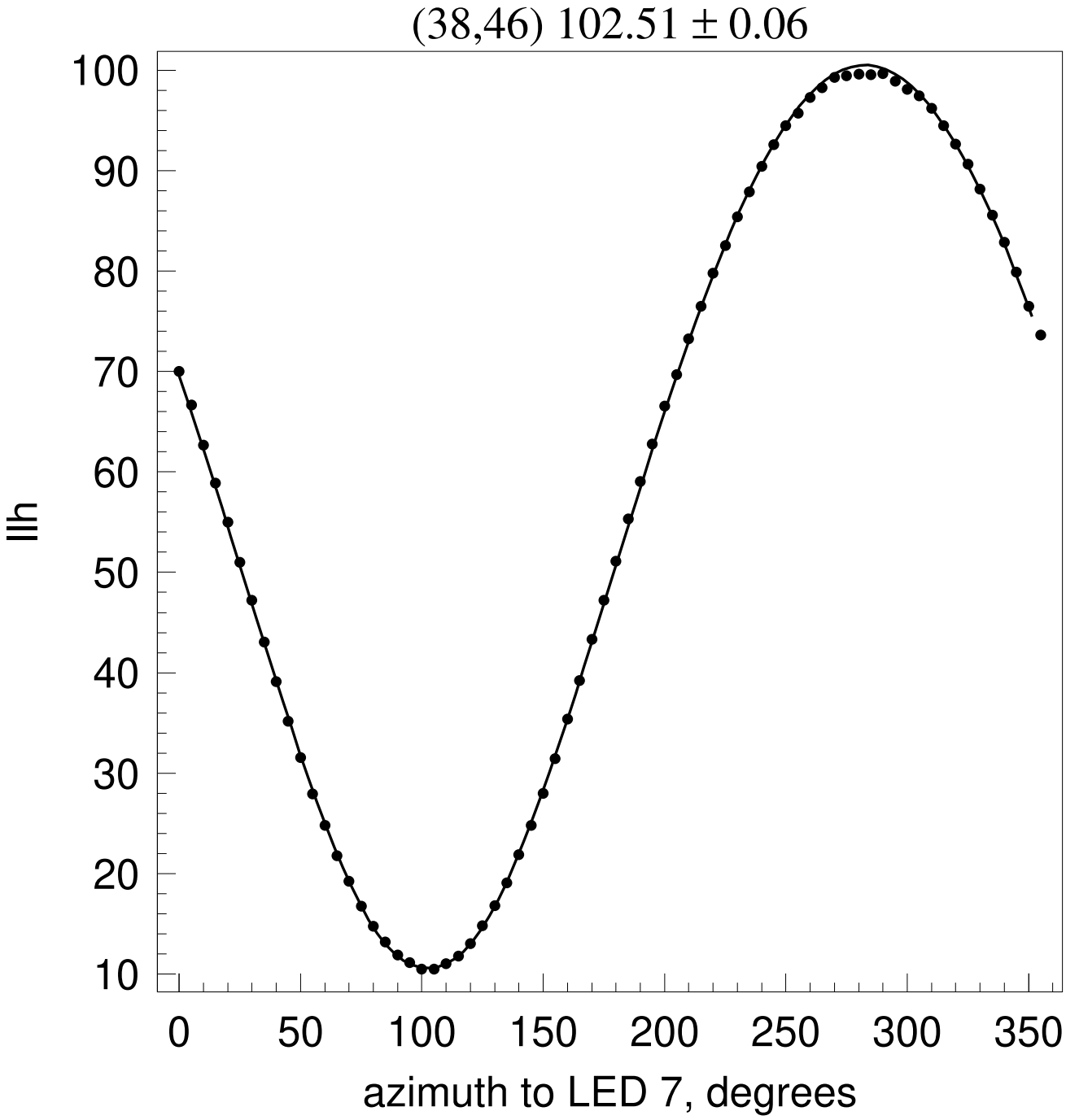

(38,41) 349.52 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

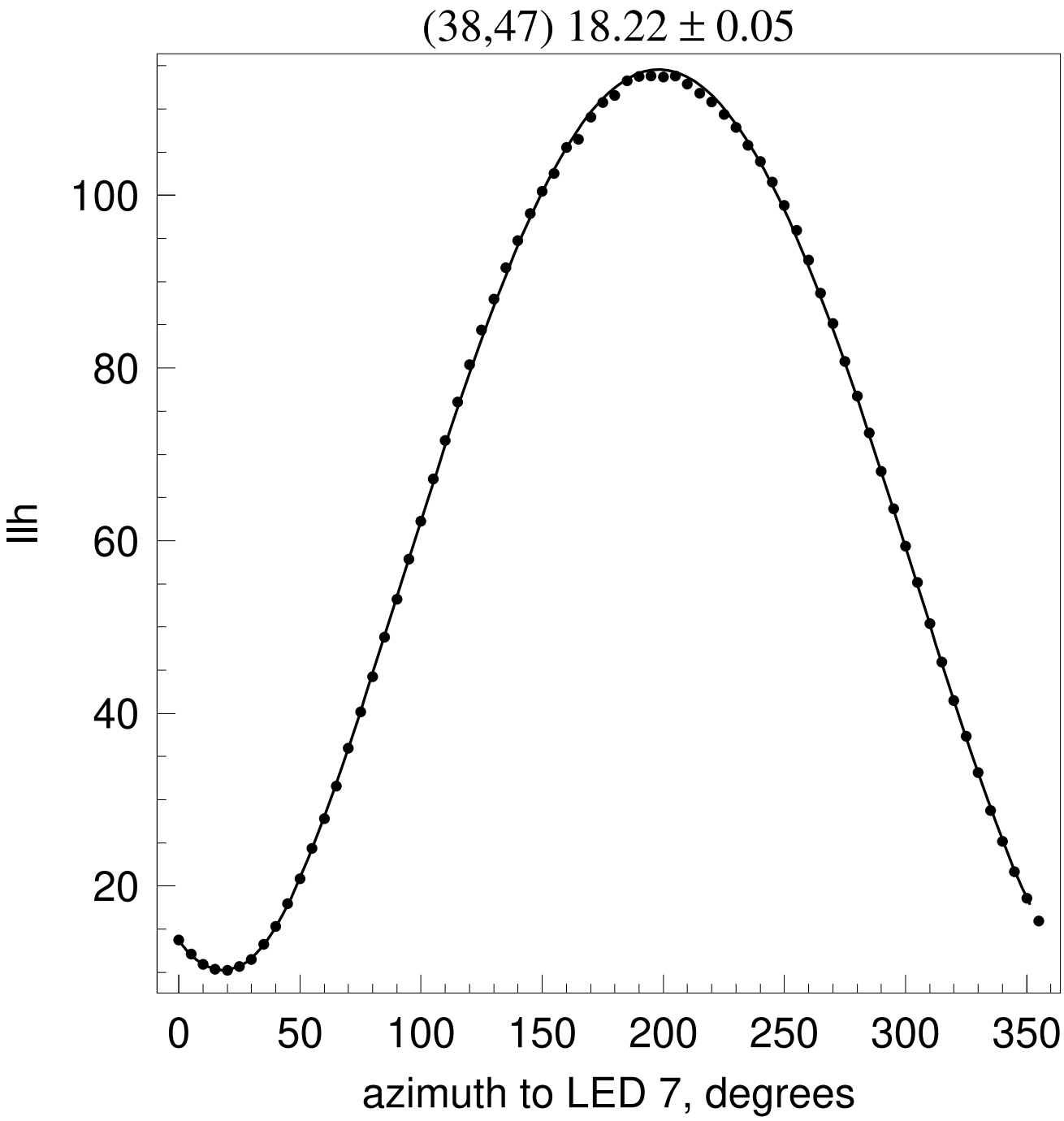

(38,42) 14.70 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

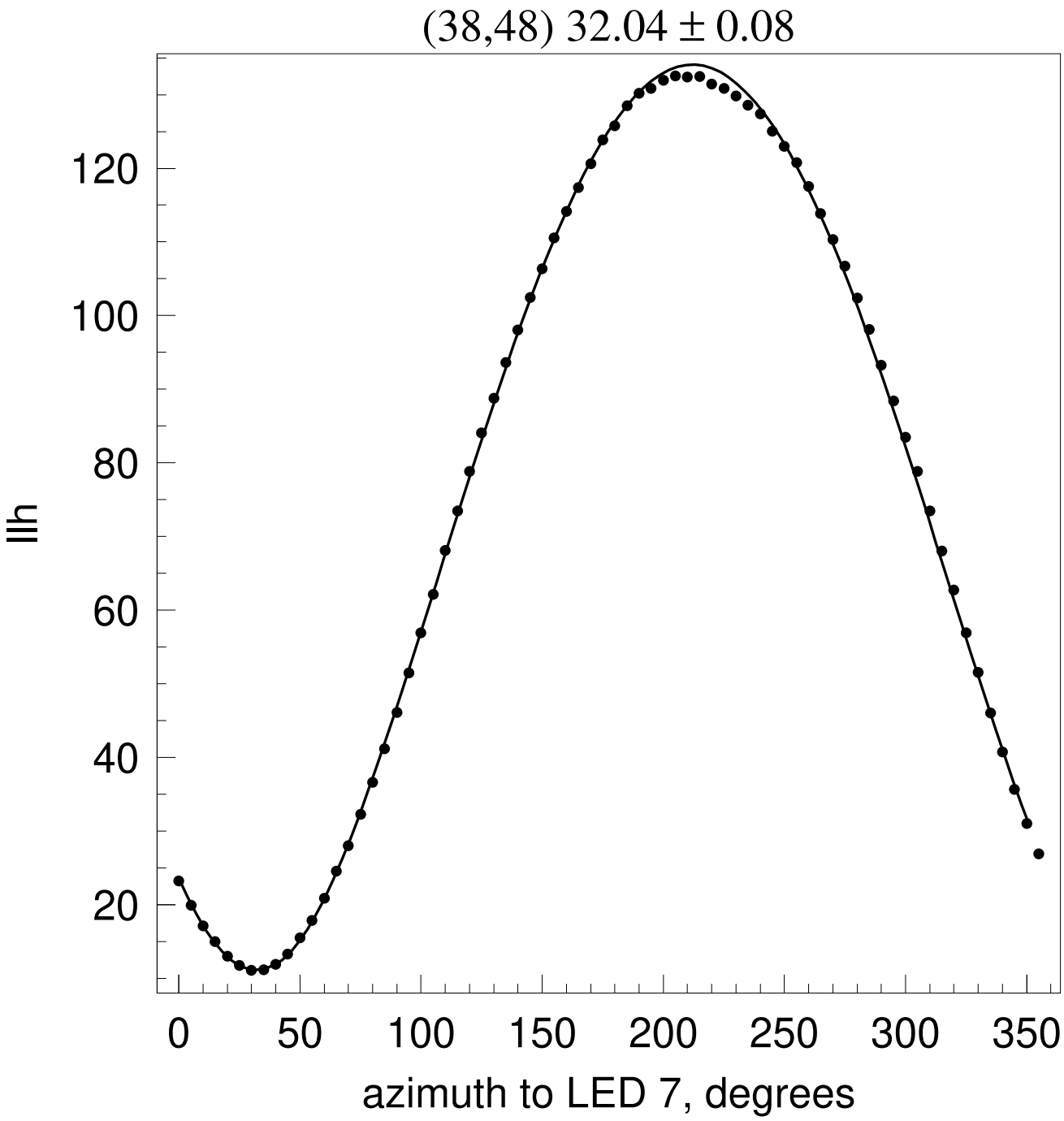

(38,43) 196.46 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

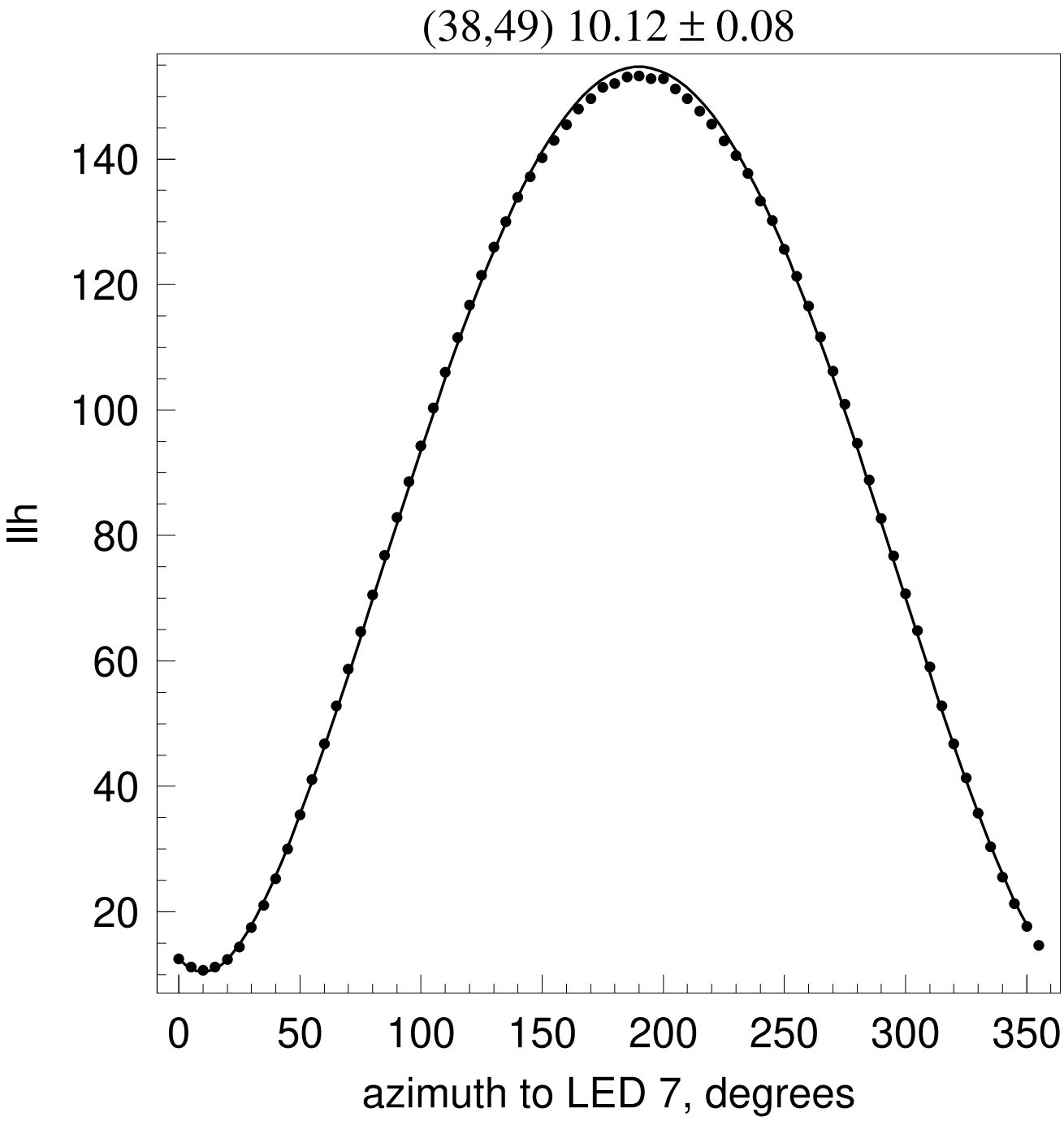

(38,44) 232.68 ± 0.05
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

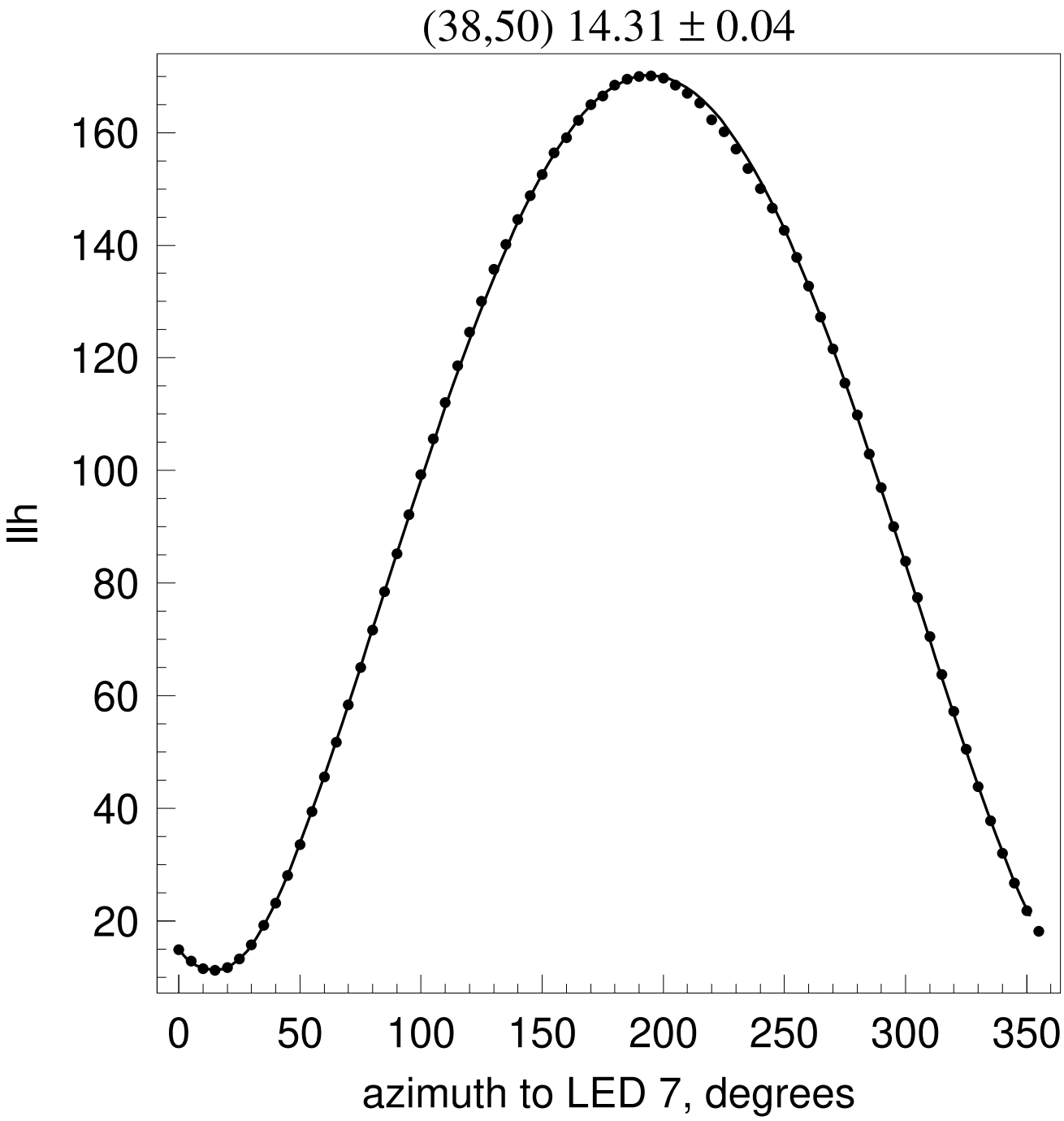

(38,45) 149.74 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

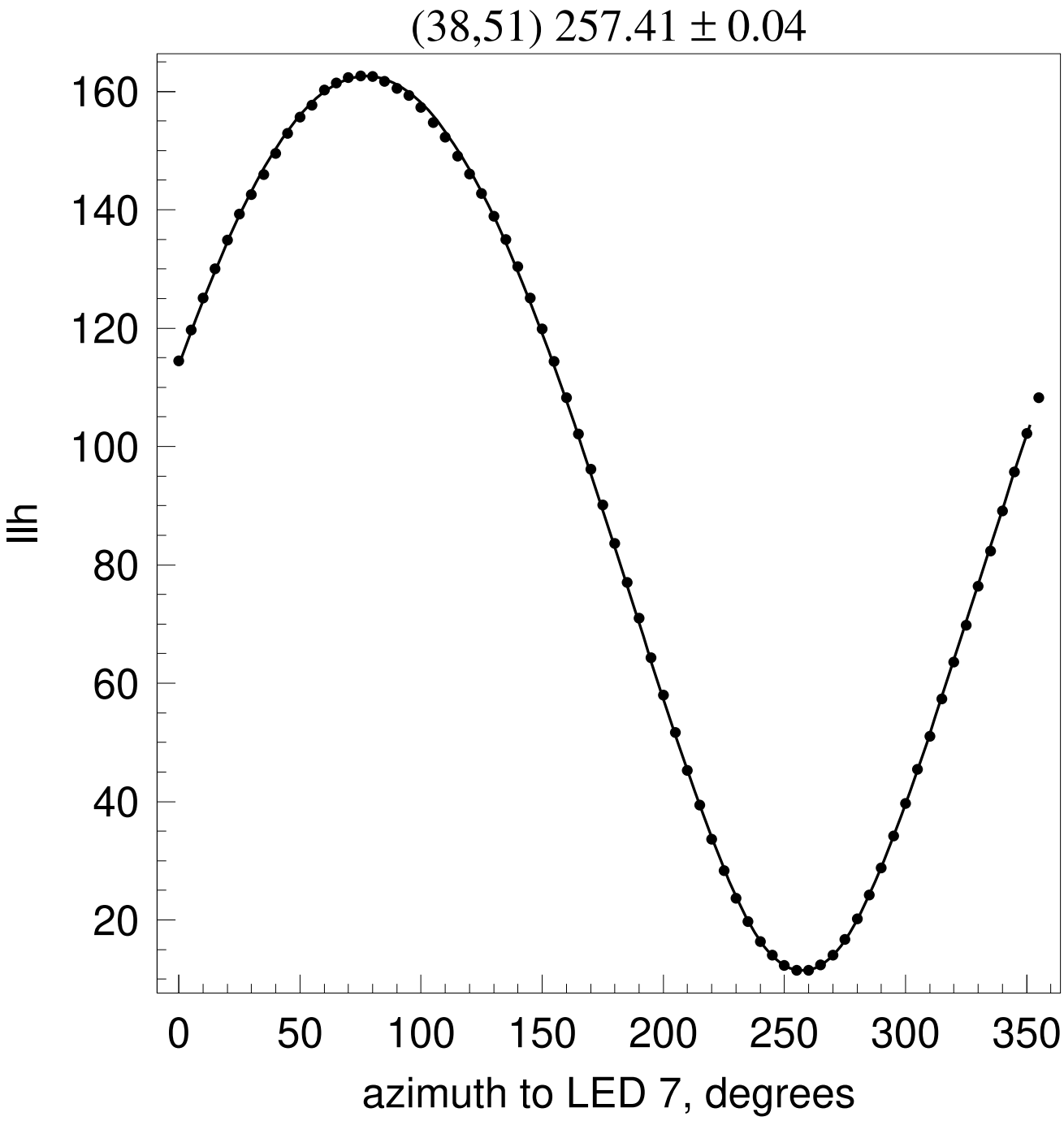

(38,46) 102.51 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

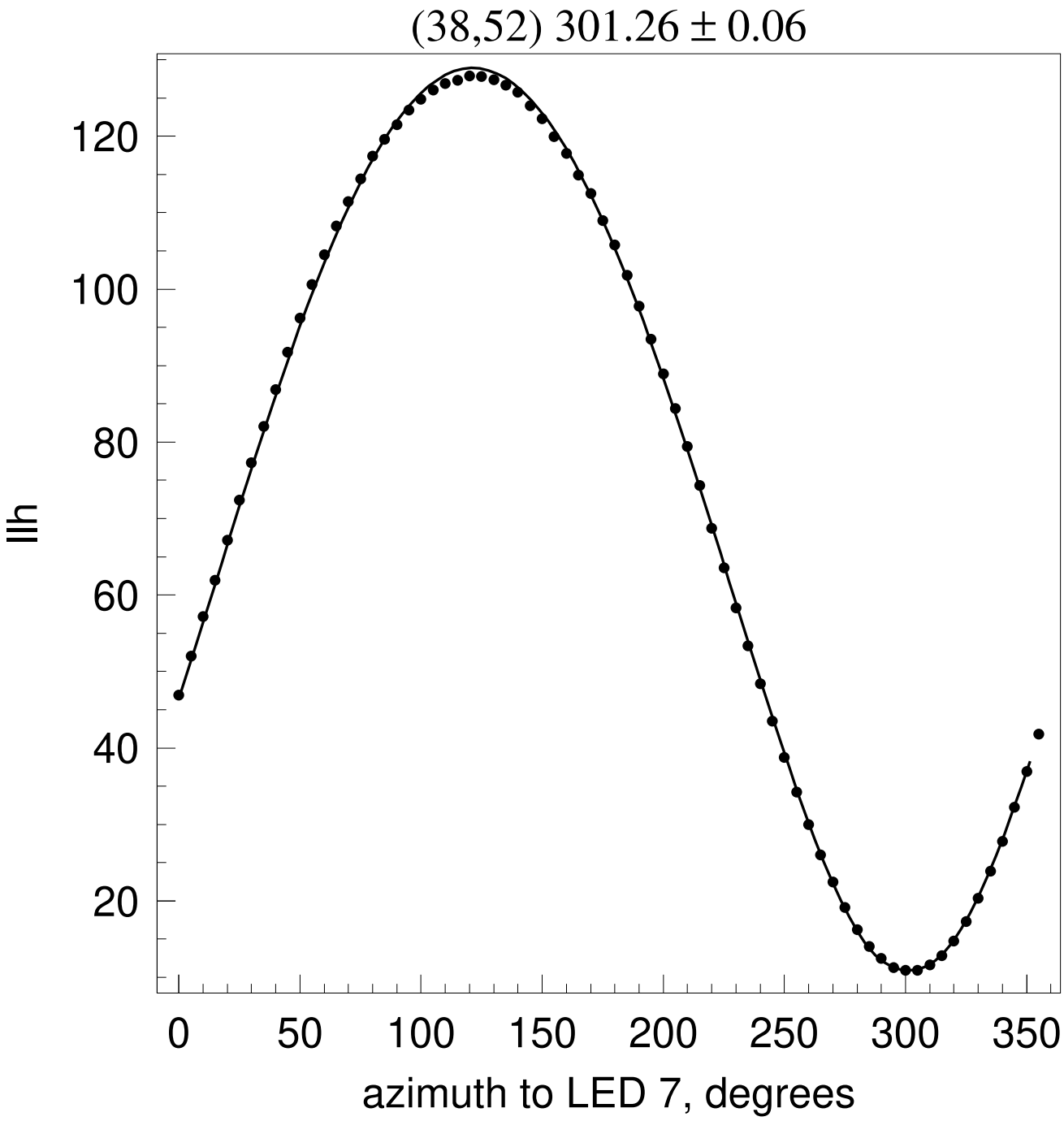

(38,47) 18.22 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

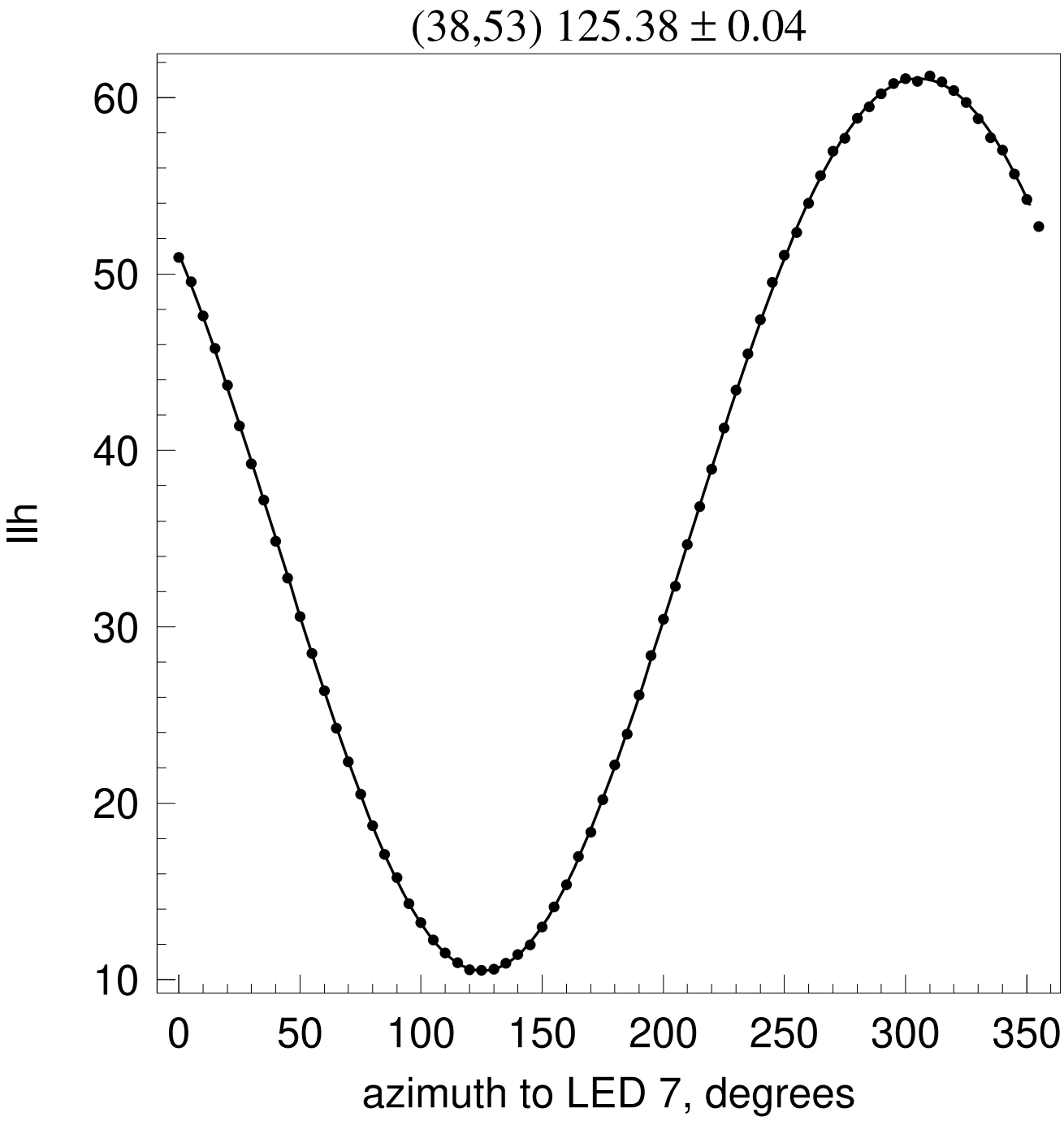

(38,48) 32.04 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

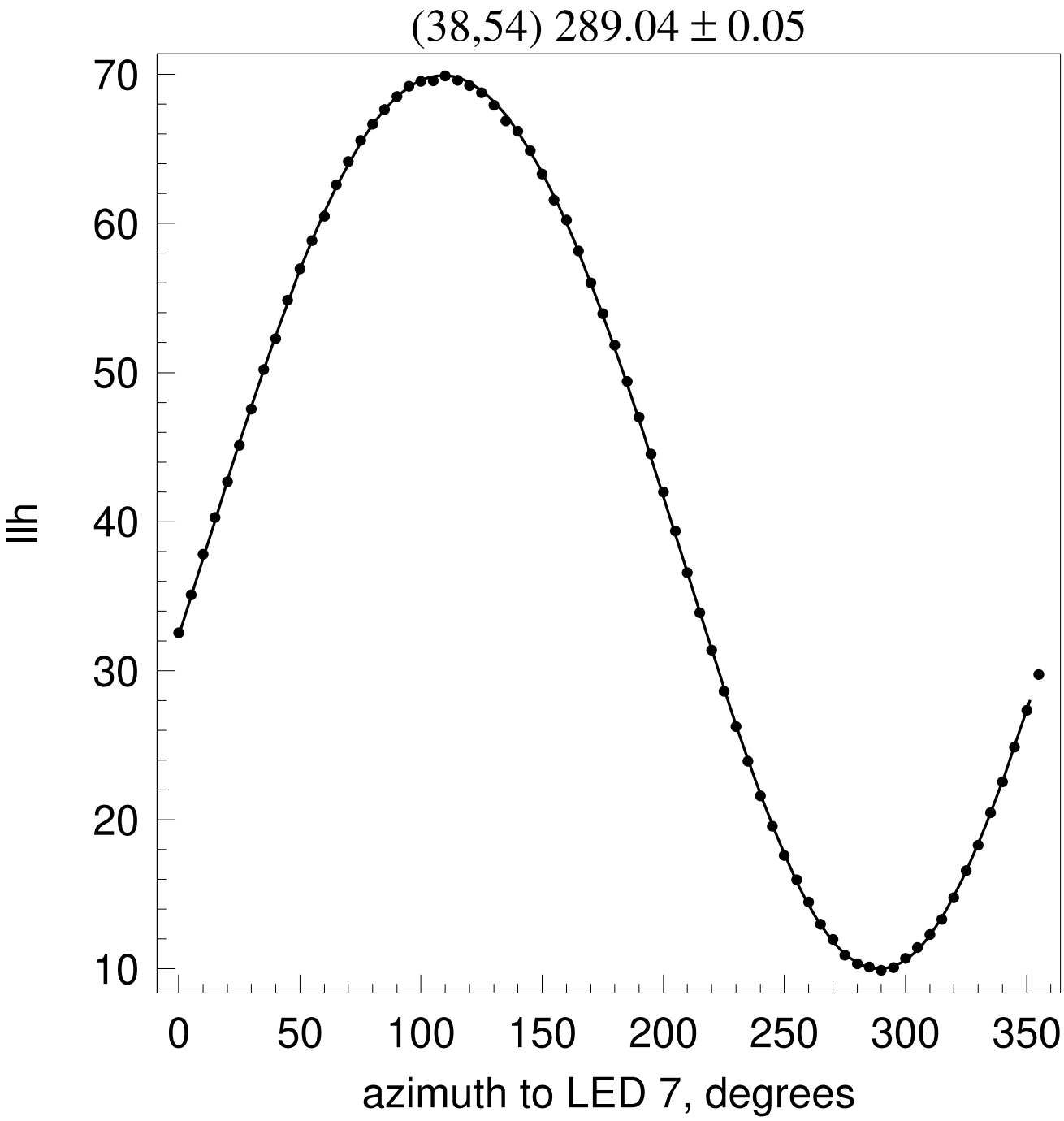

(38,49) 10.12 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

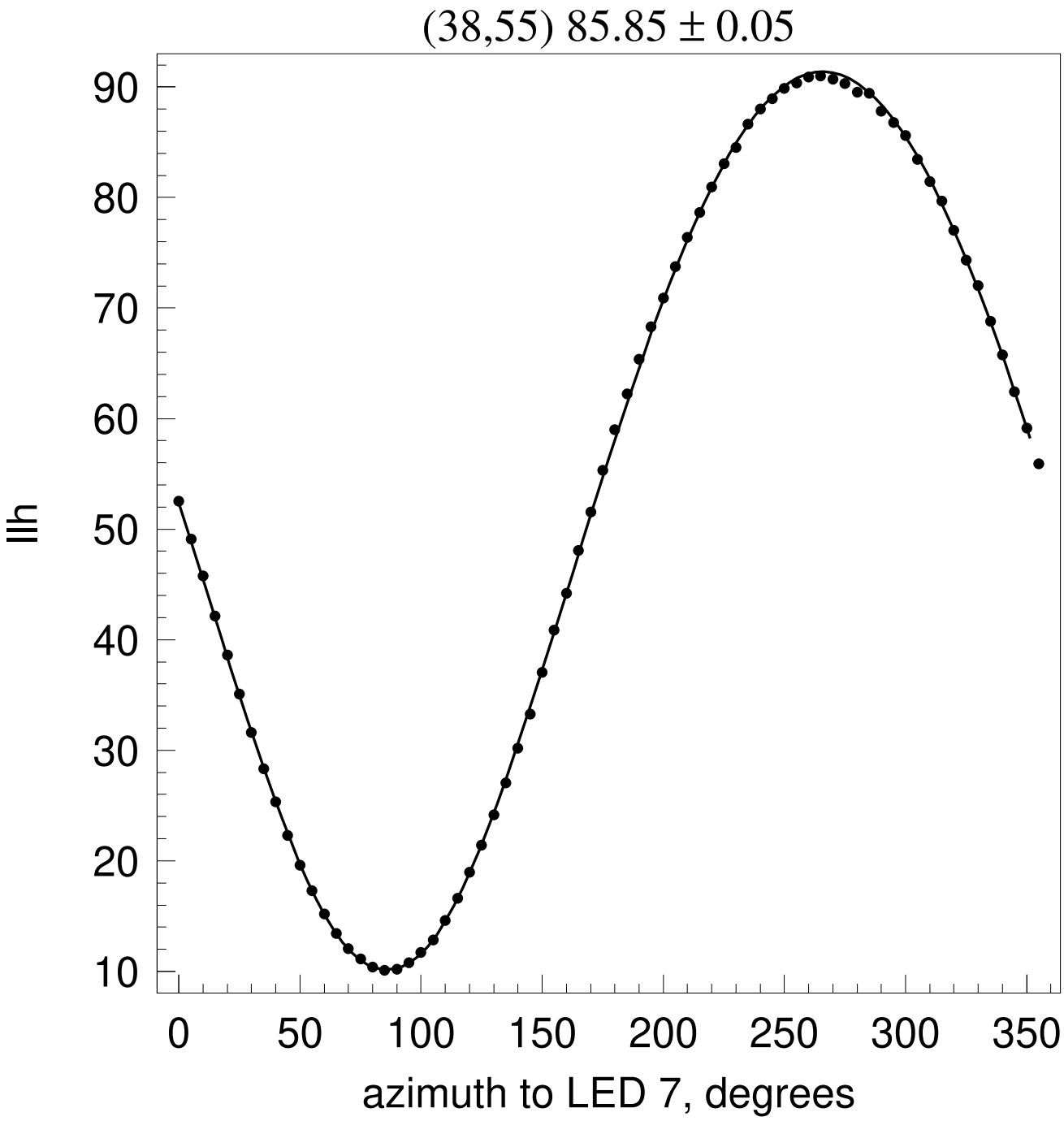

(38,50) 14.31 ± 0.04
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

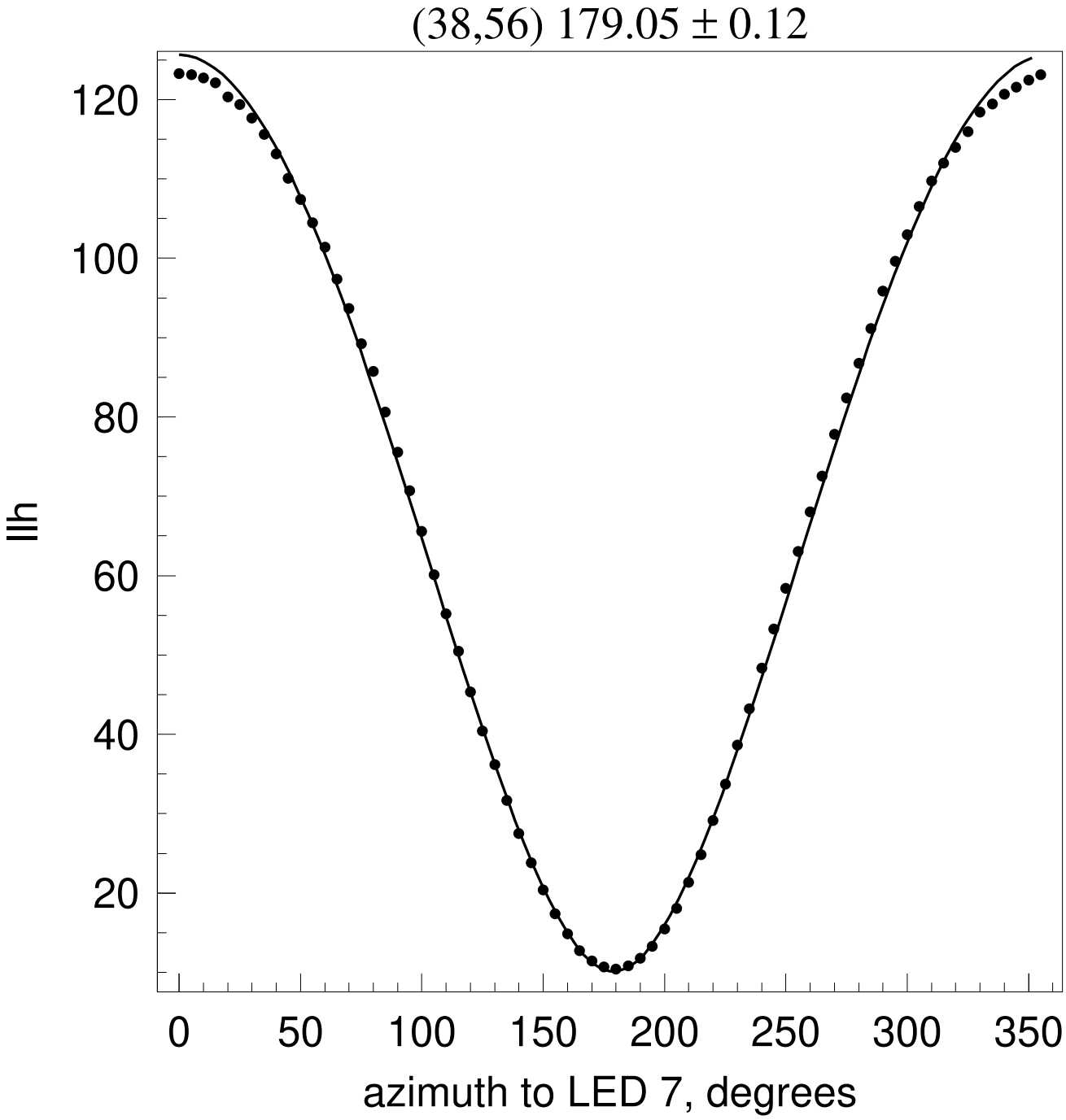

(38,51) 257.41 ± 0.04
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

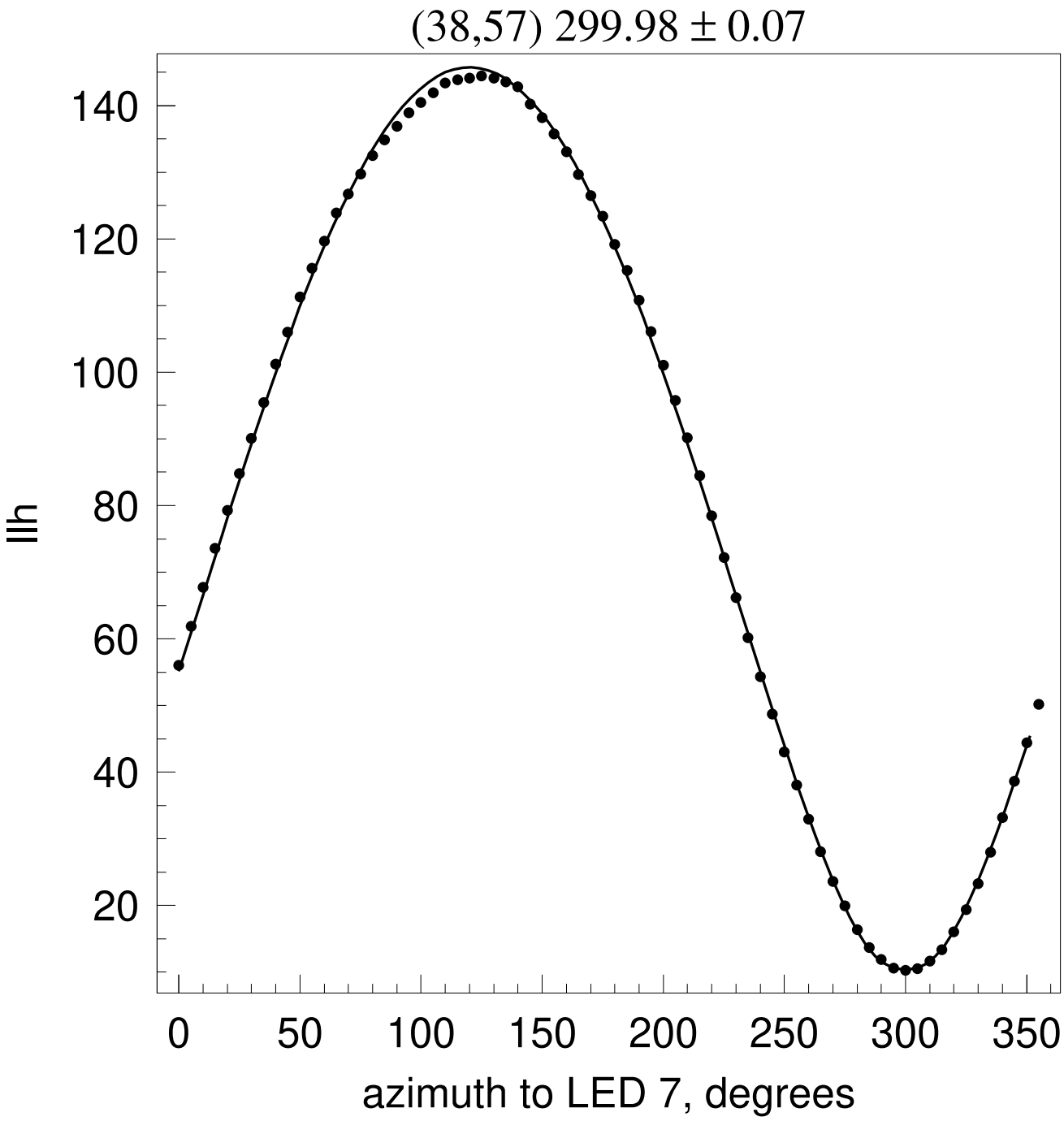

(38,52) 301.26 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

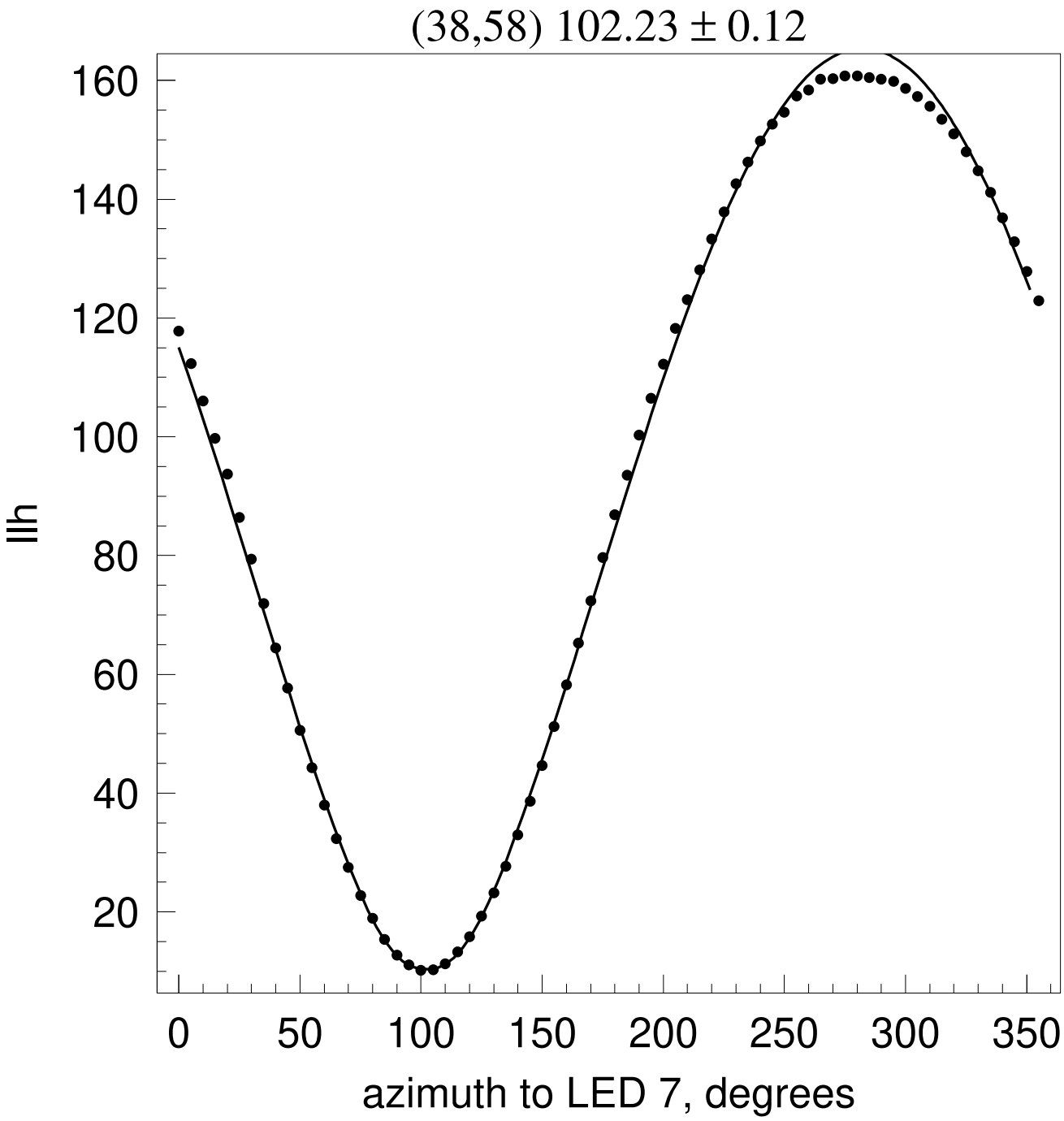

(38,53) 125.38 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

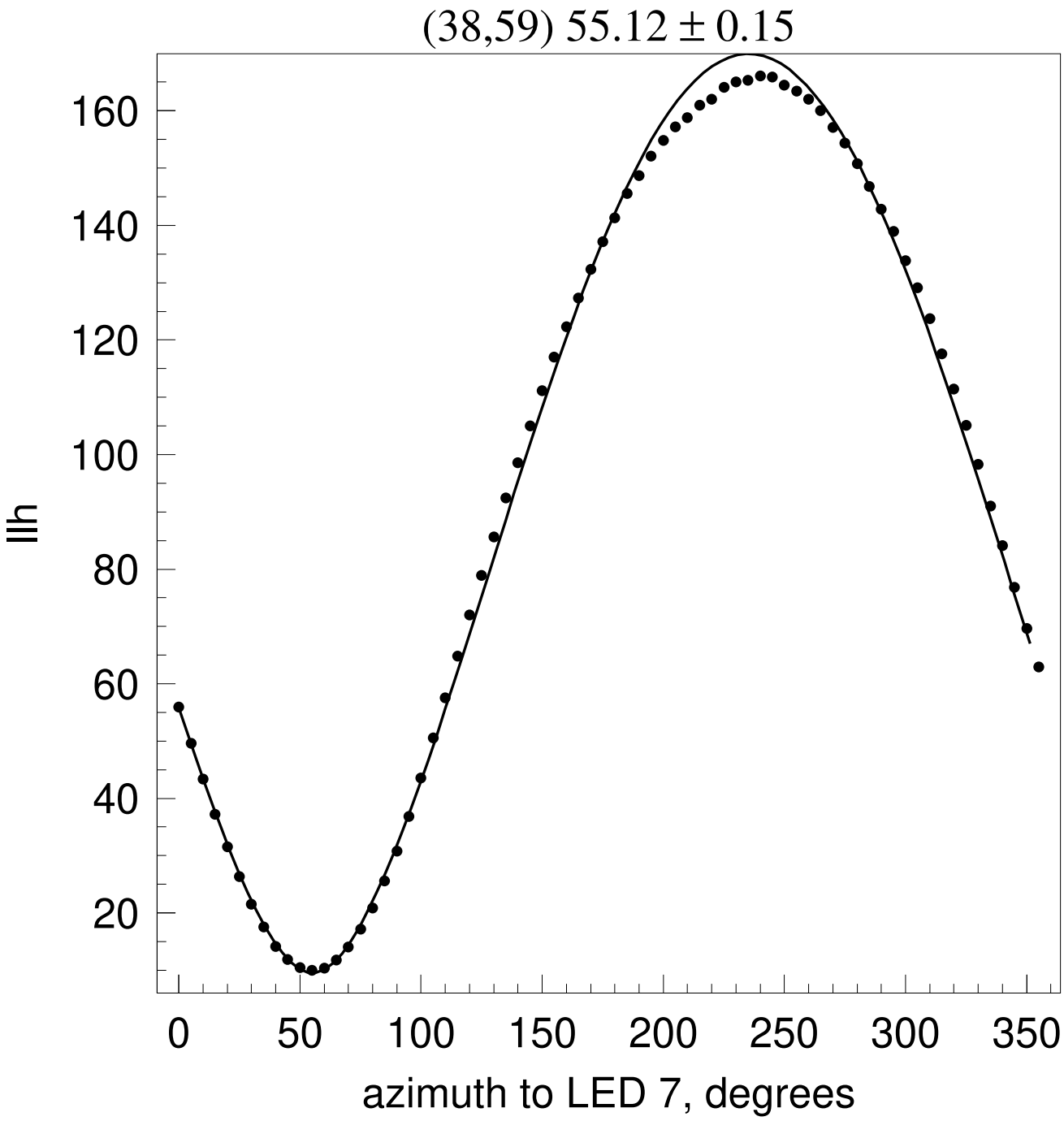

(38,54) 289.04 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

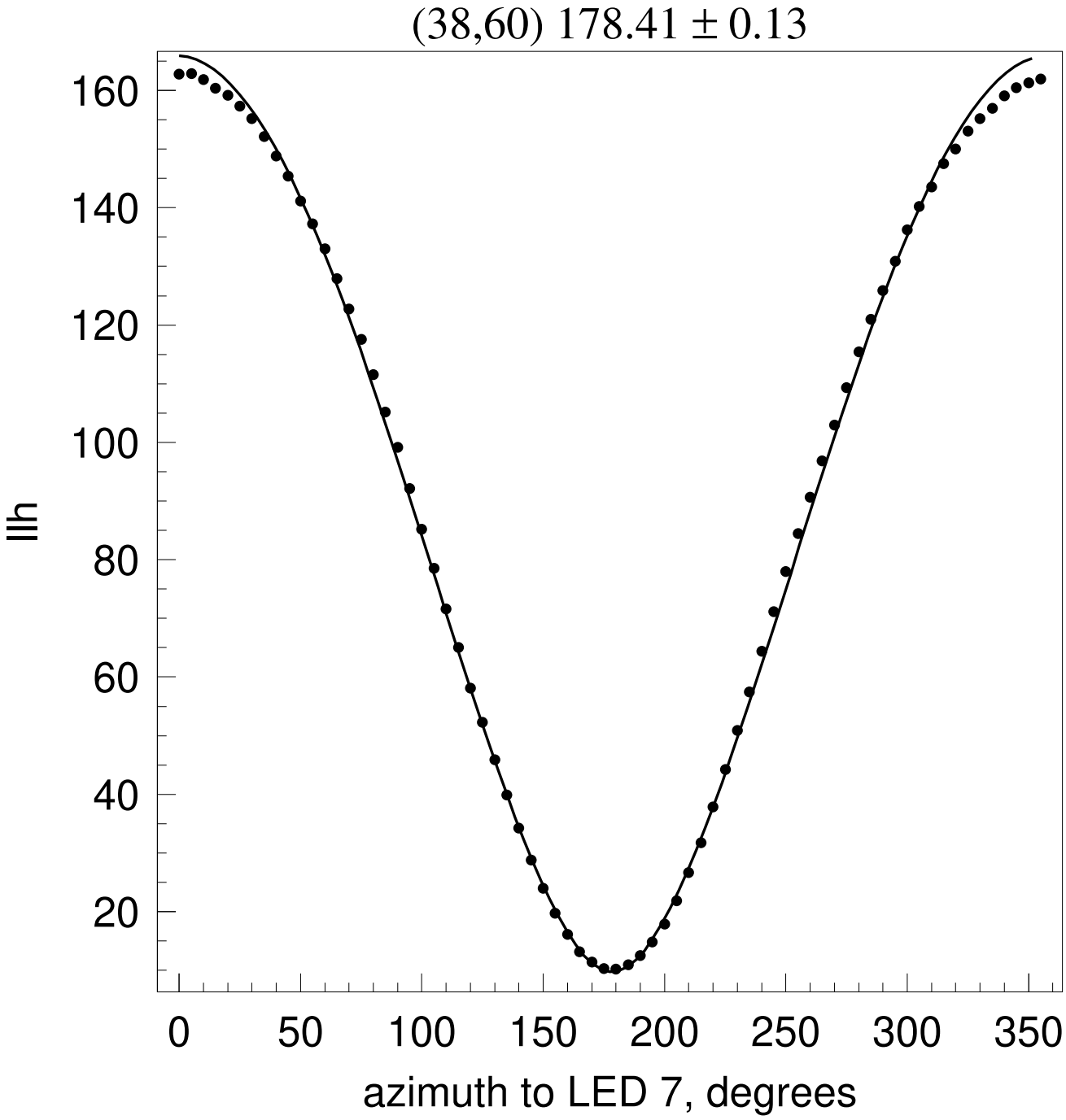

(38,55) 85.85 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

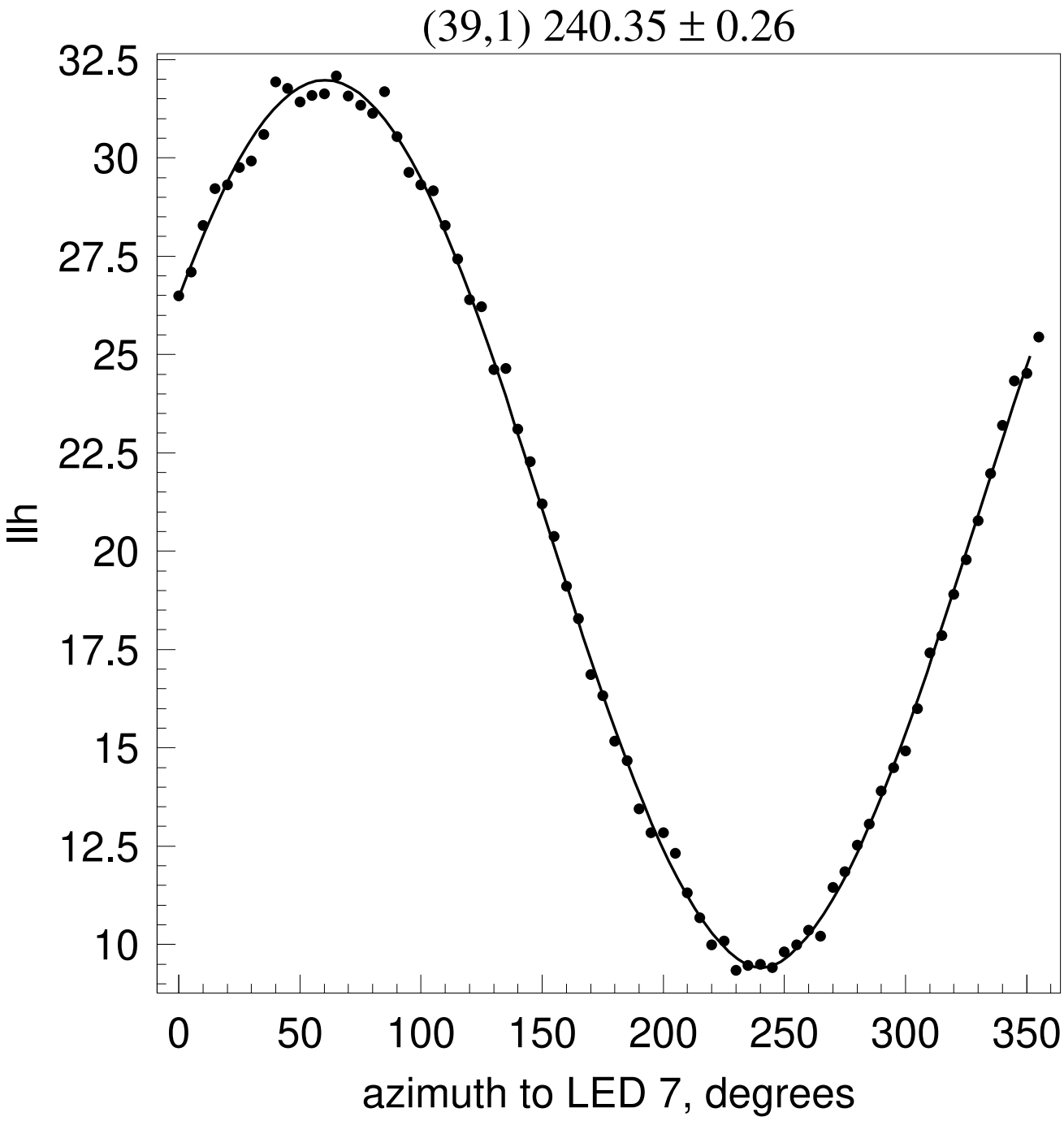

(38,56) 179.05 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

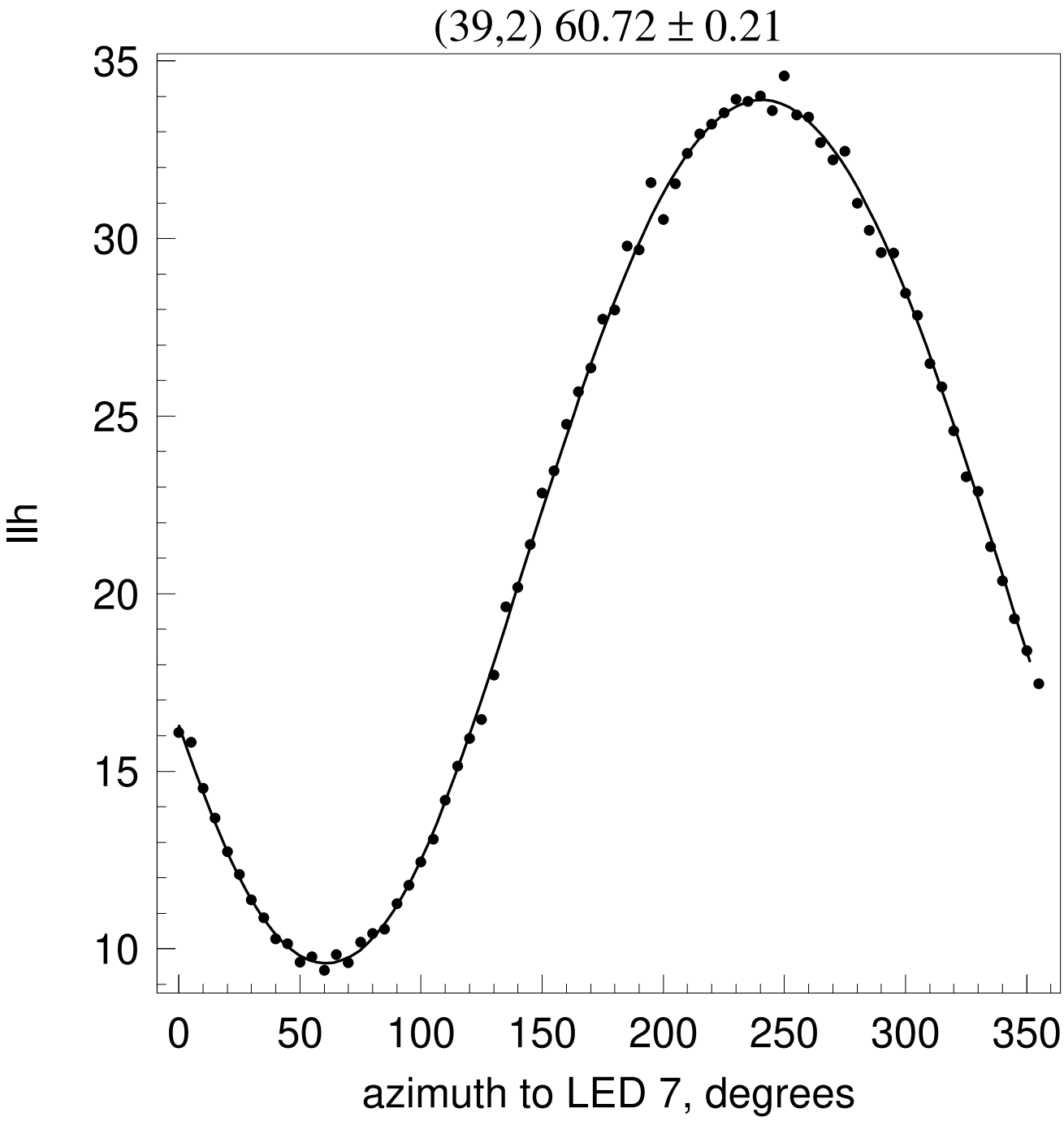

(38,57) 299.98 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

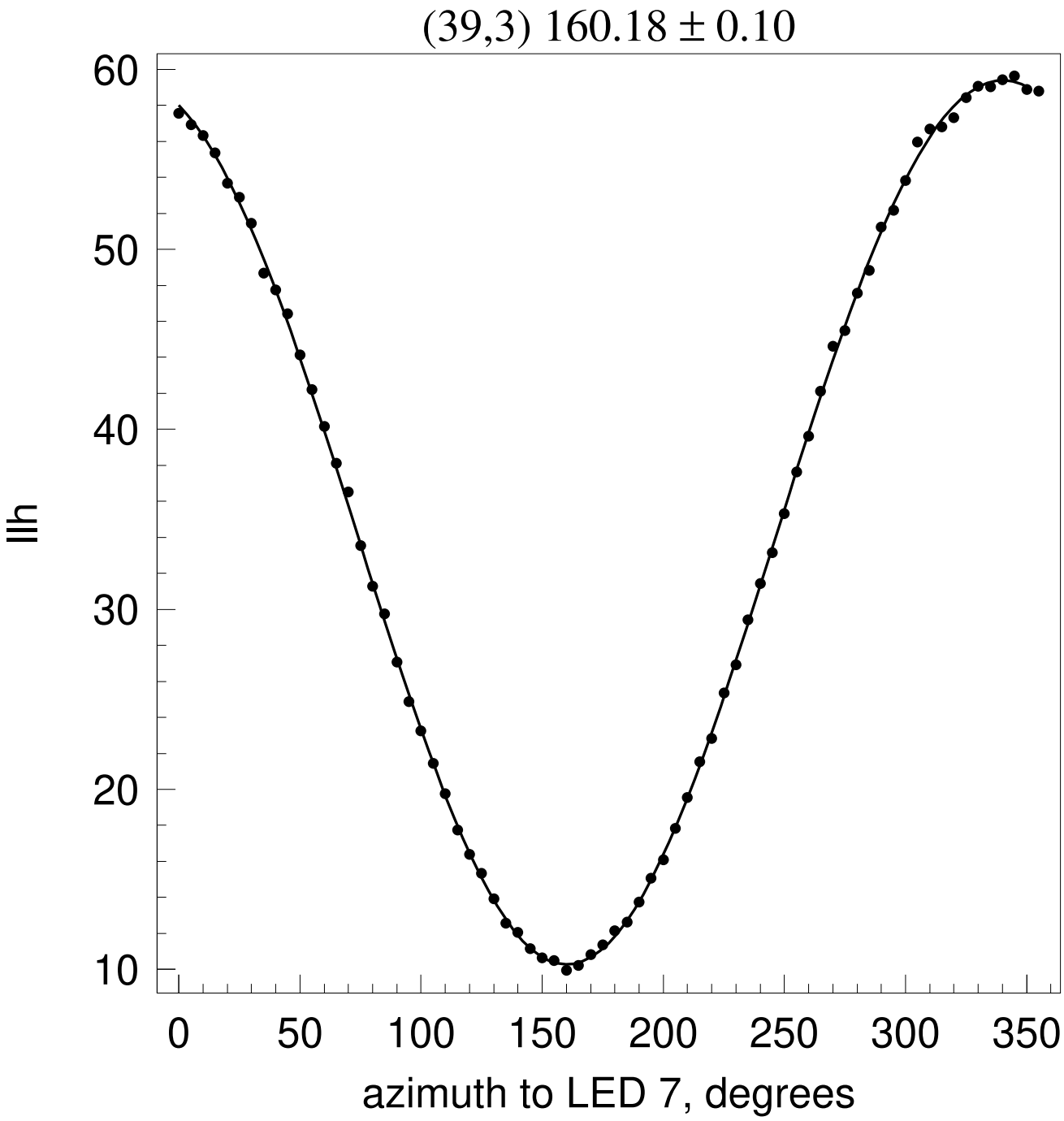

(38,58) 102.23 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

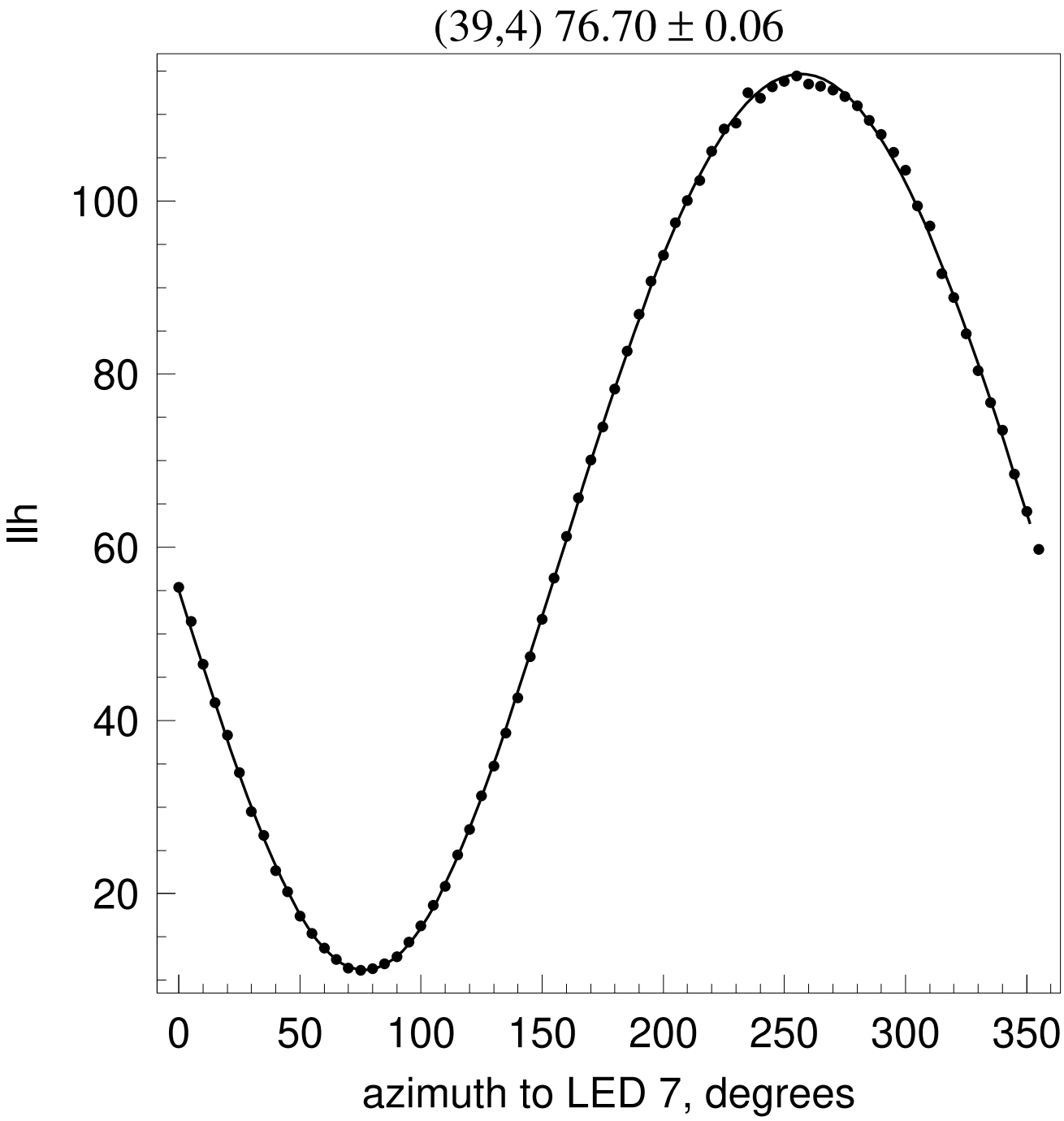

(38,59) 55.12 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

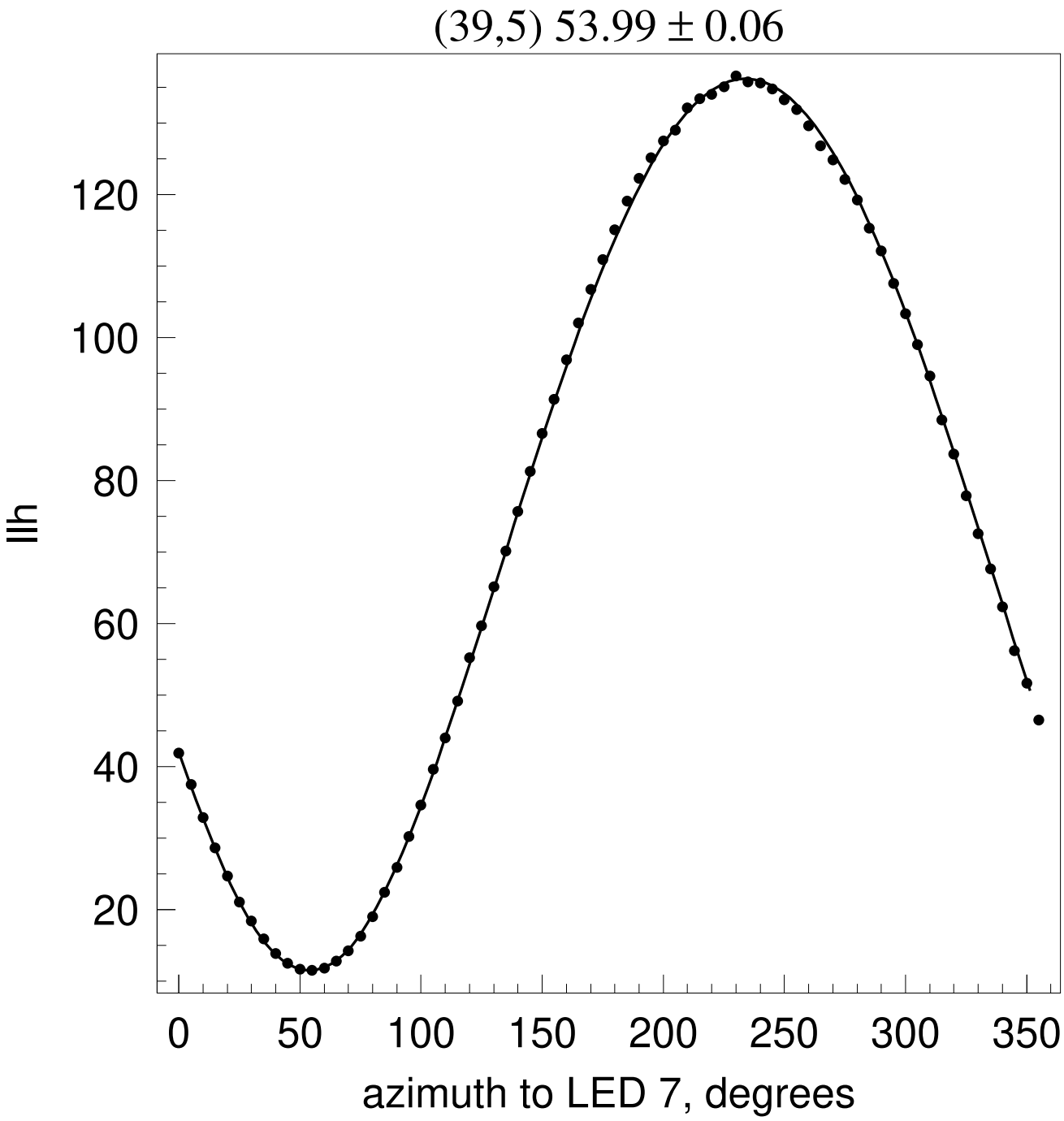

(38,60) 178.41 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

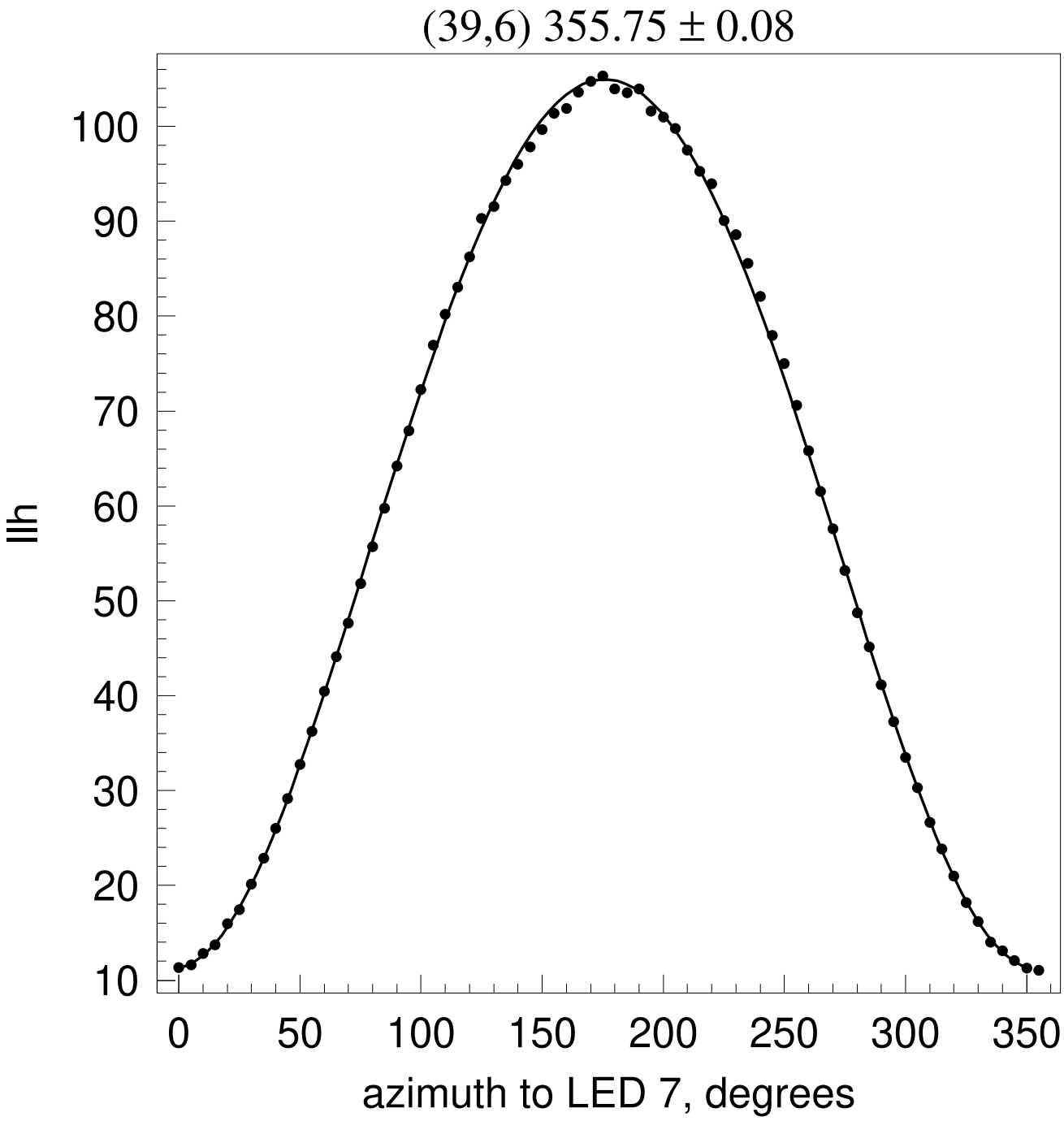

(39,1) 240.35 ± 0.26
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

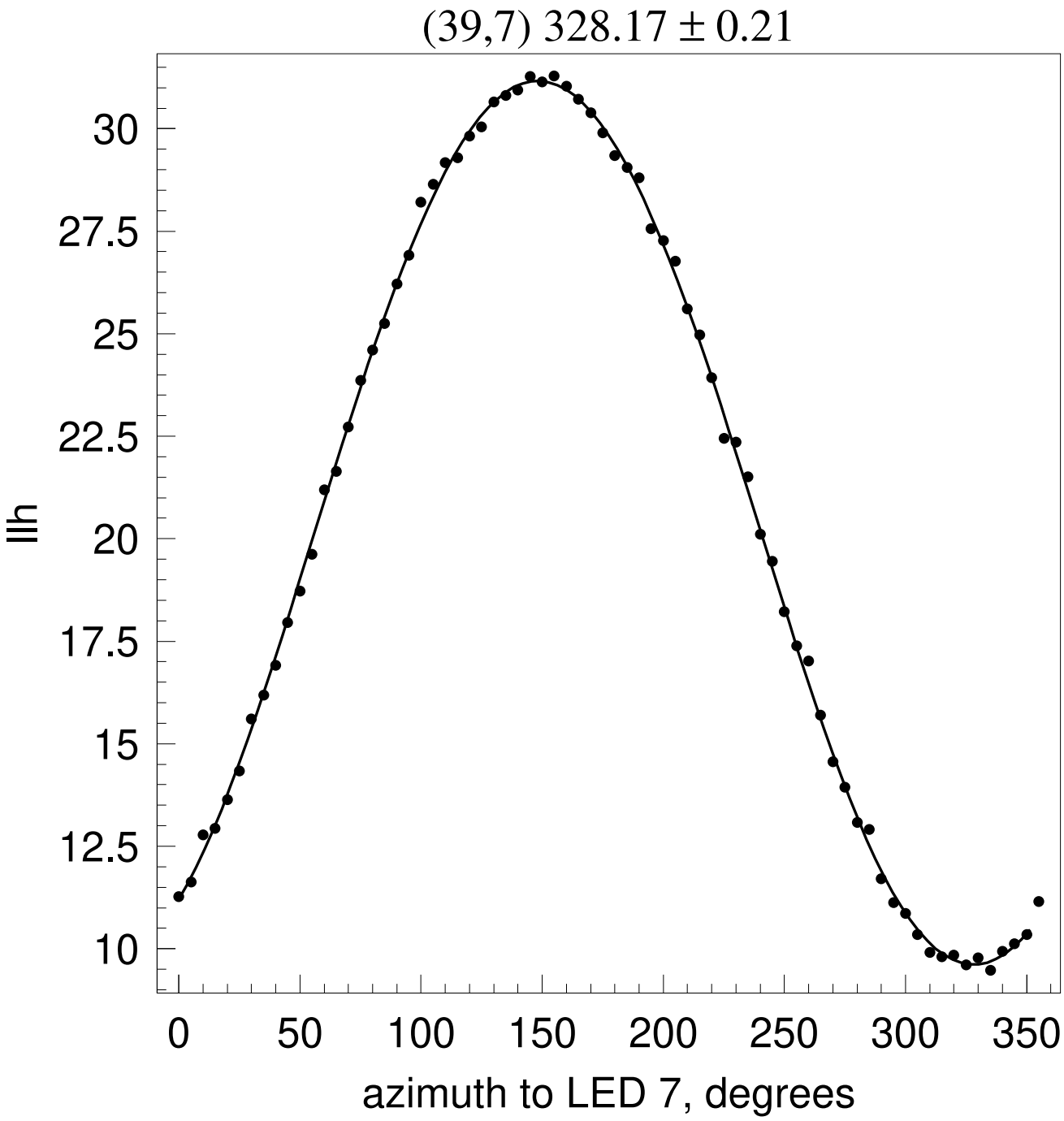

(39,2) 60.72 ± 0.21
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

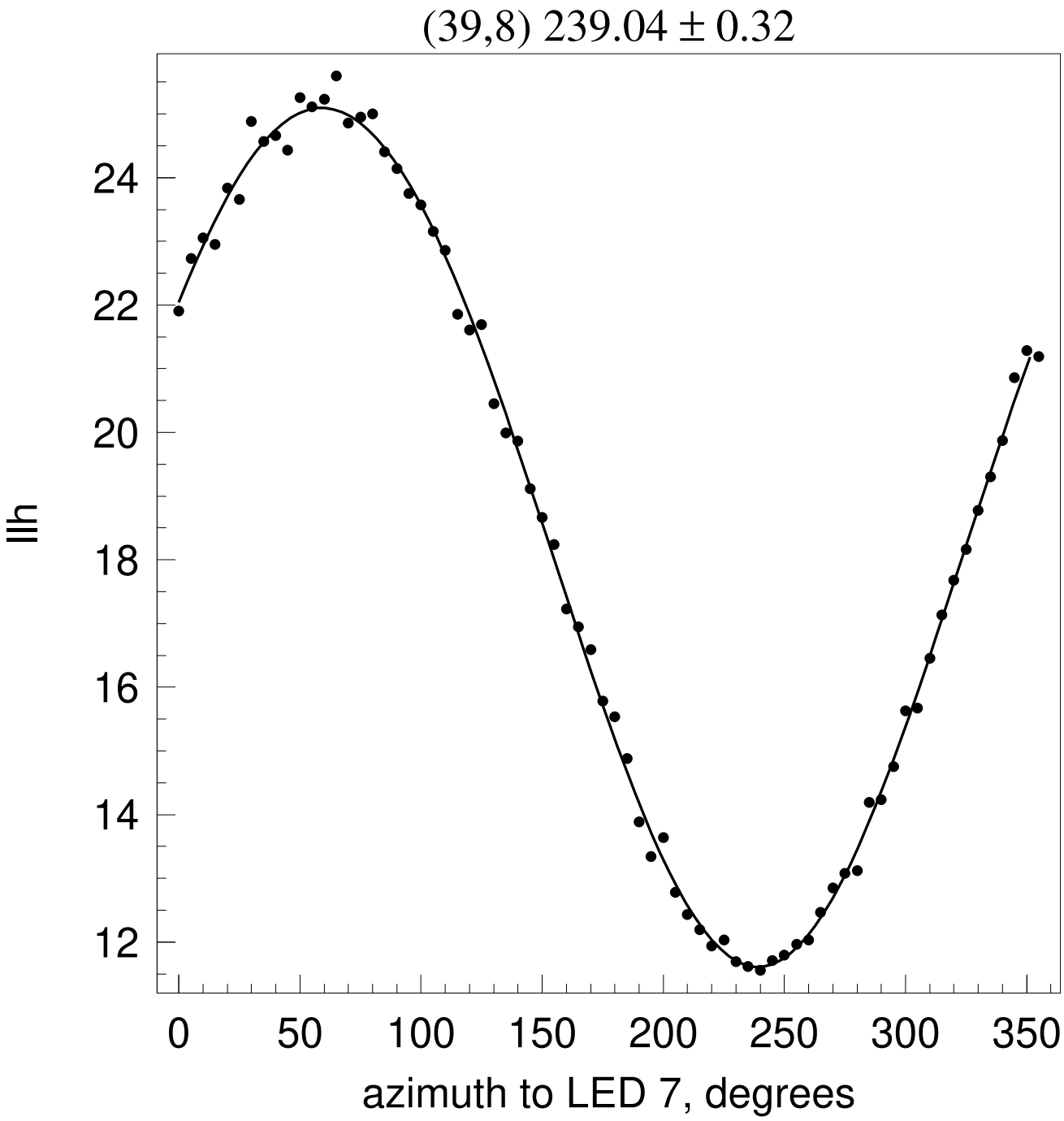

(39,3) 160.18 ± 0.10
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

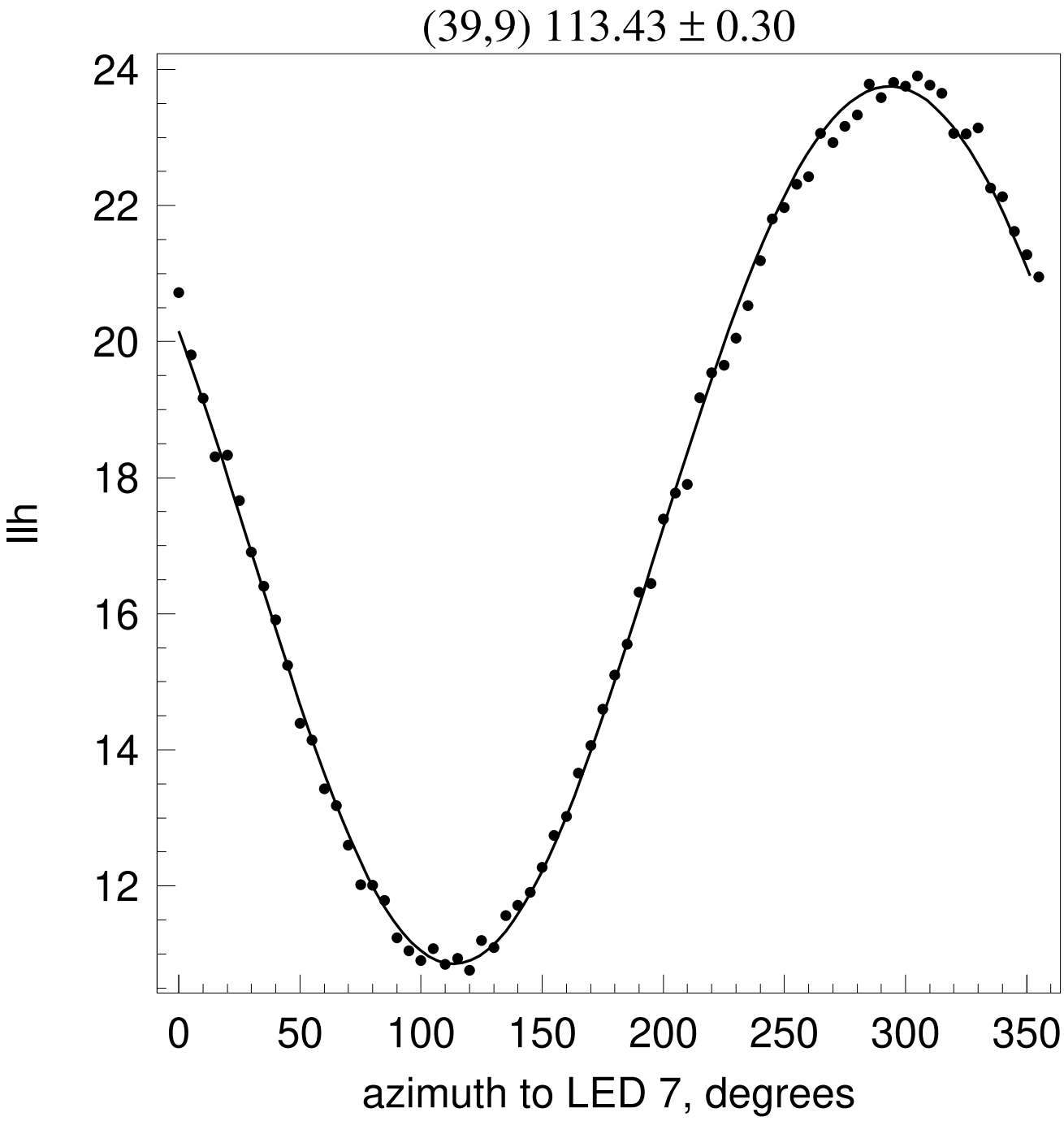

(39,4) 76.70 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

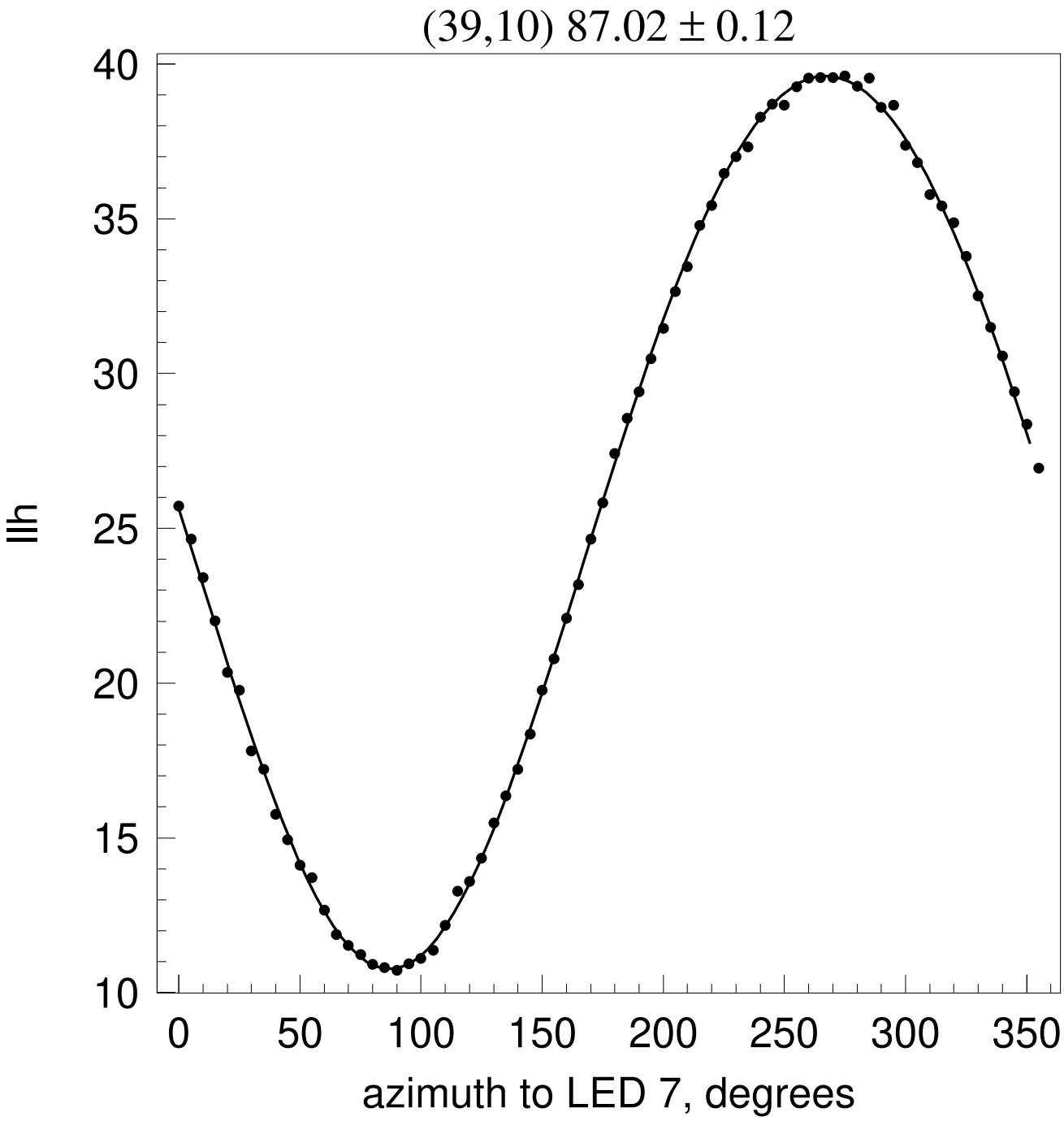

(39,5) 53.99 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

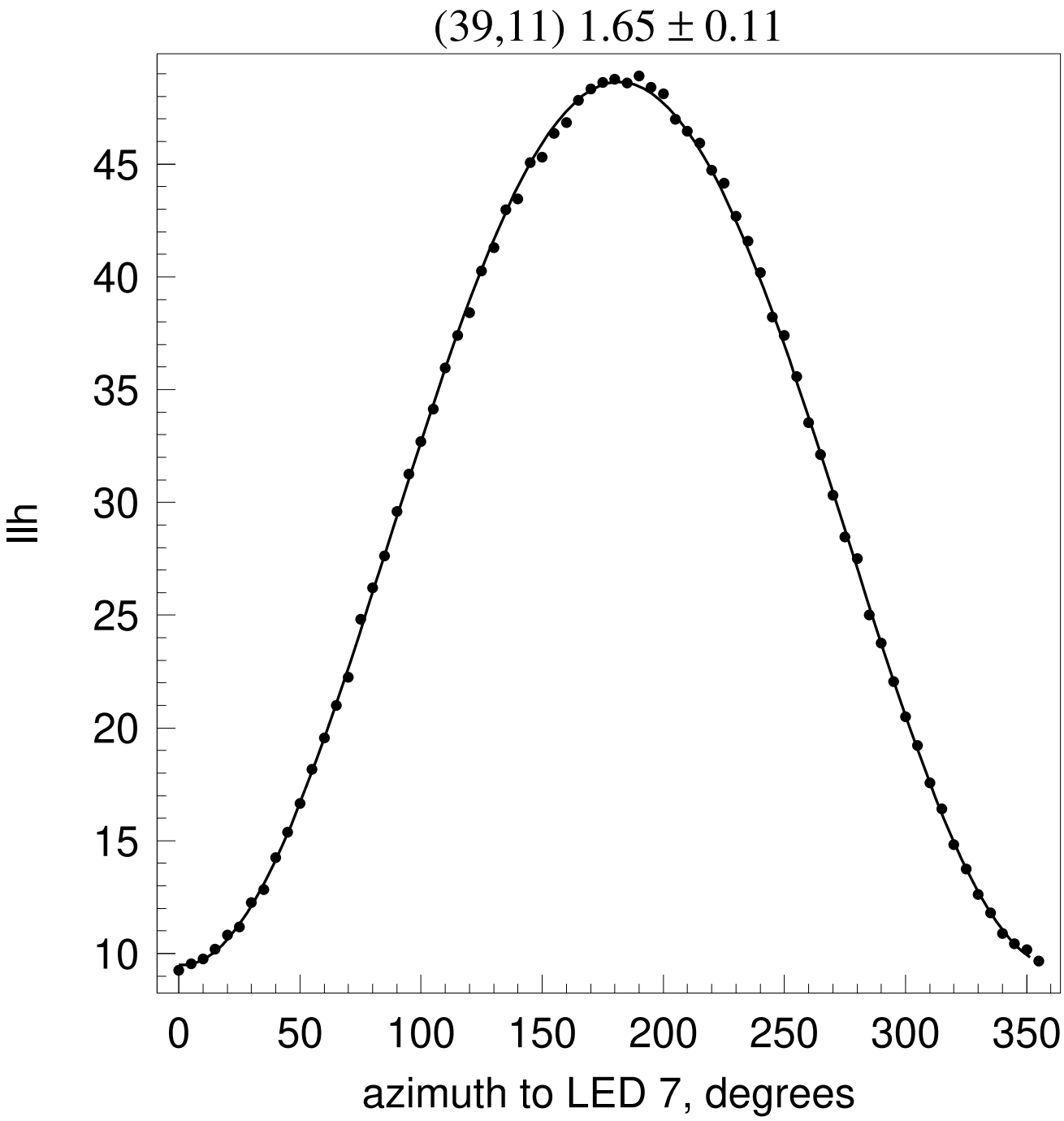

(39,6) 355.75 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

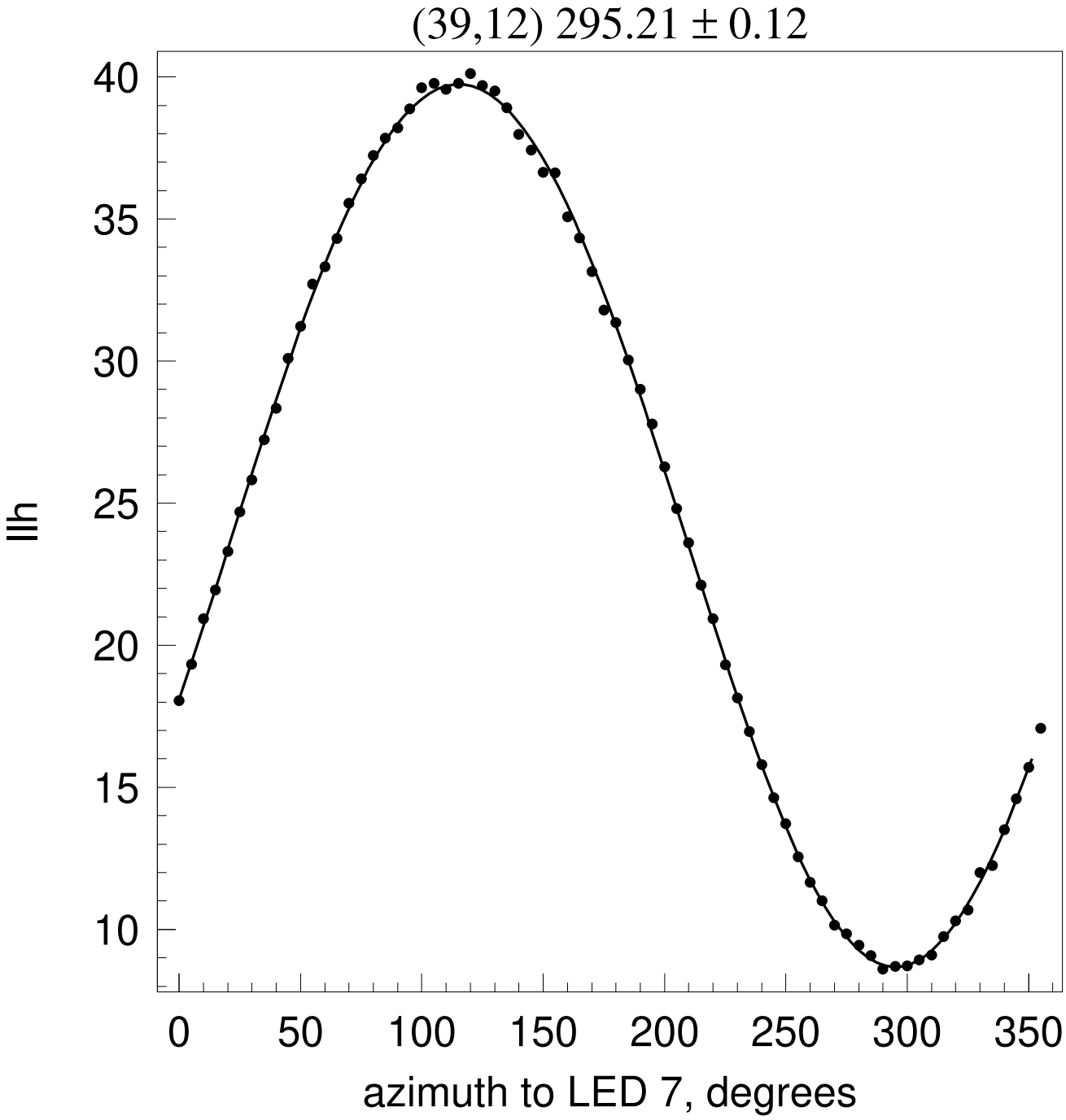

(39,7) 328.17 ± 0.21
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

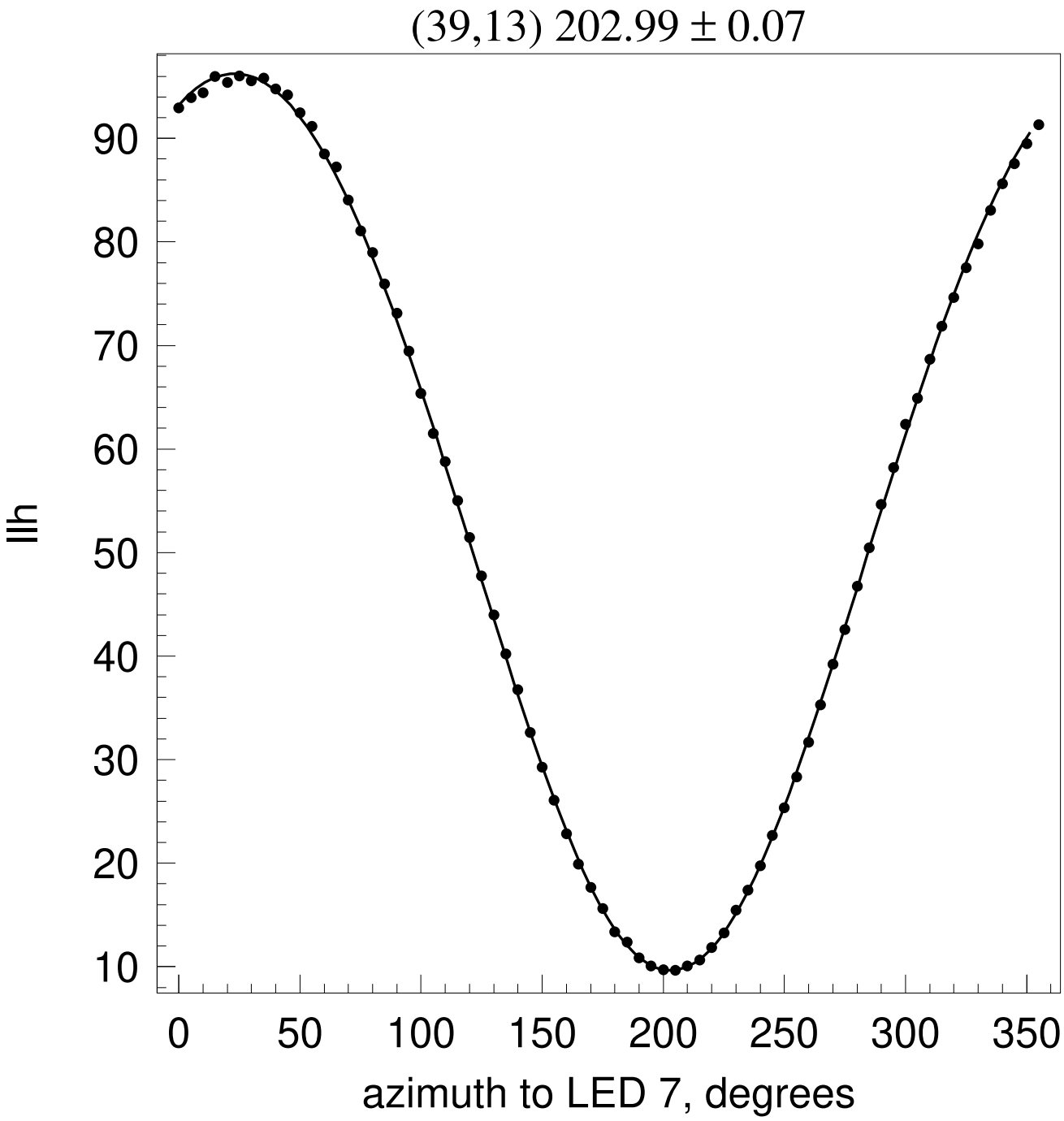

(39,8) 239.04 ± 0.32
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

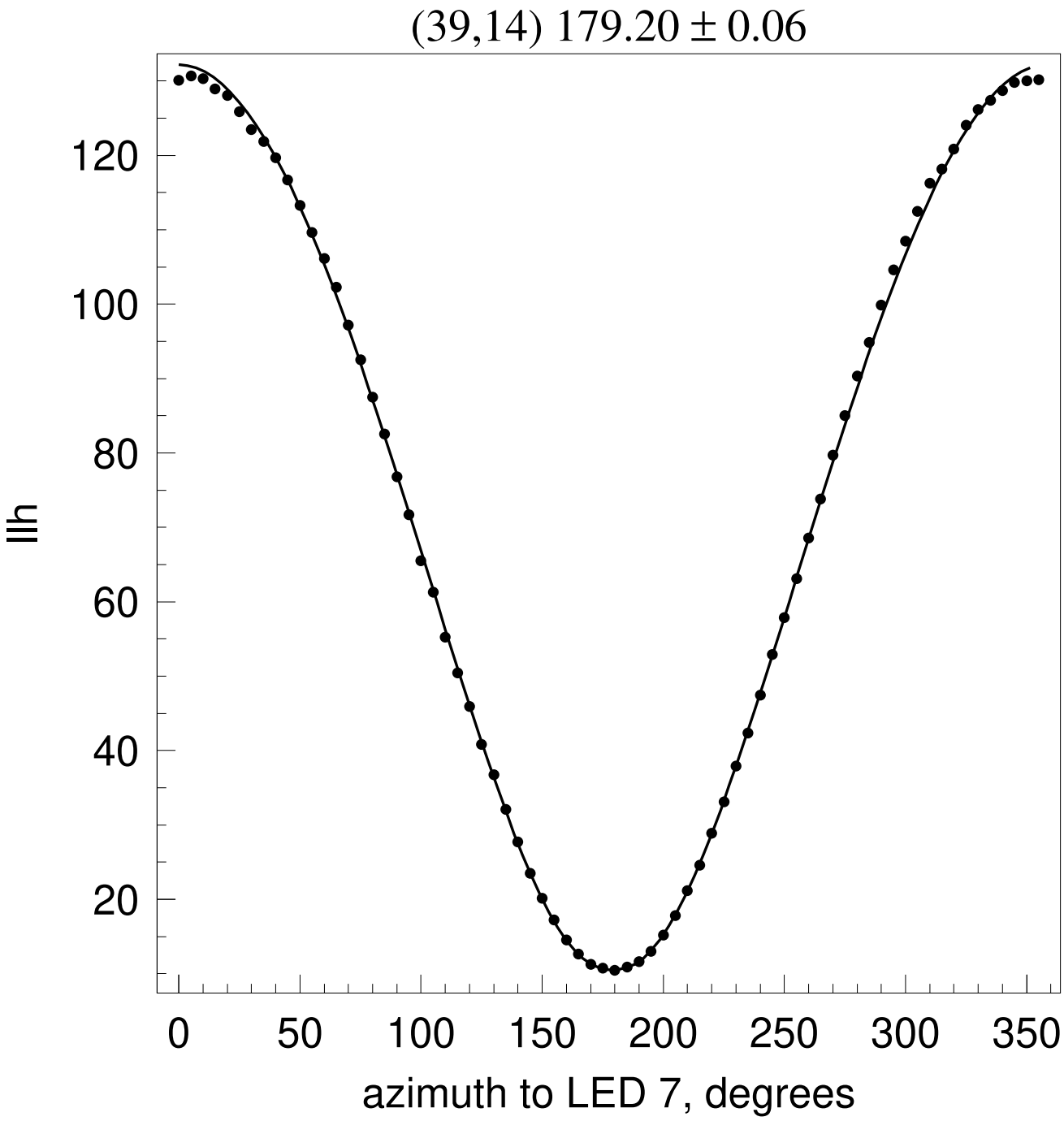

(39,9) 113.43 ± 0.30
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

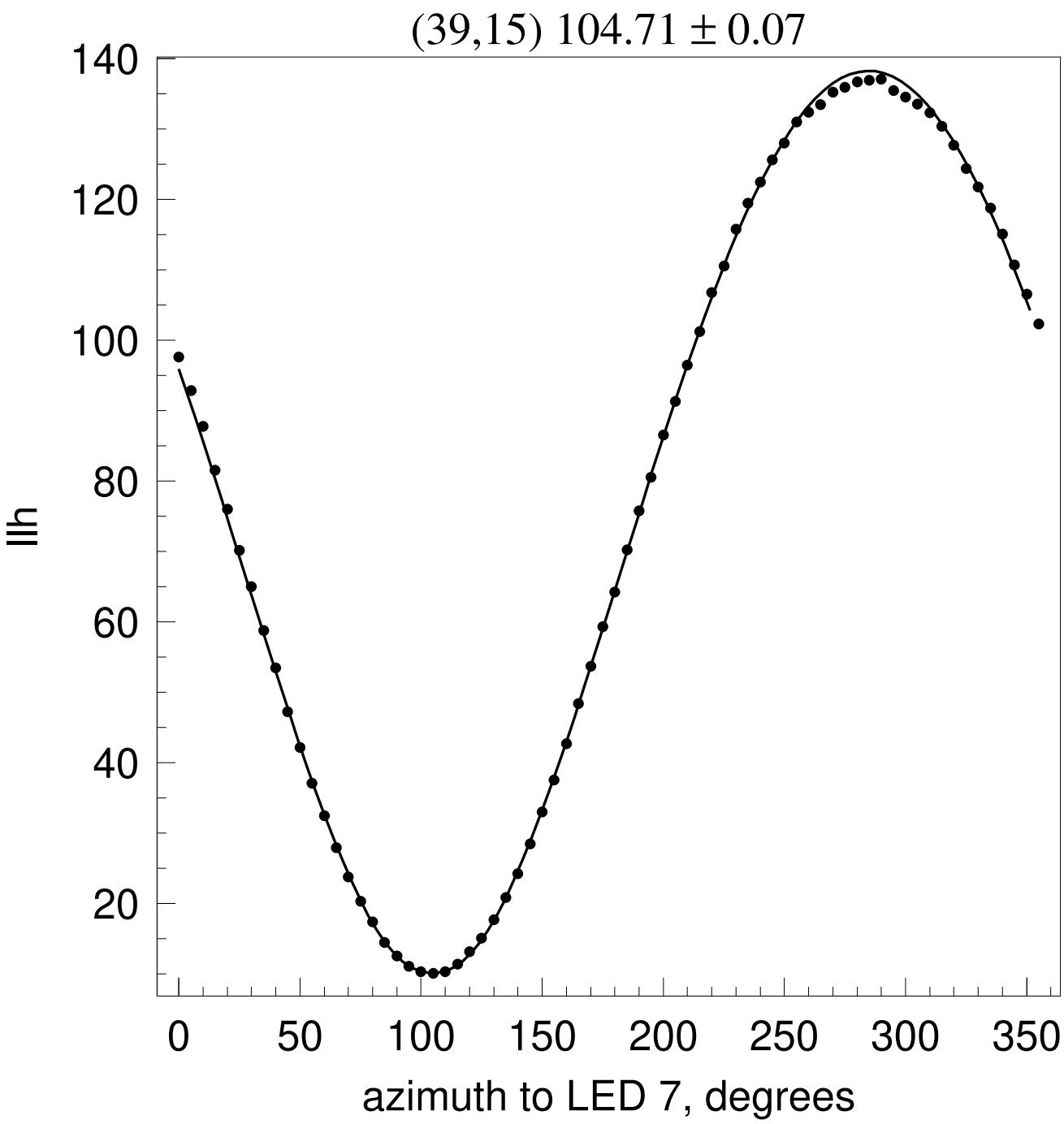

(39,10) 87.02 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

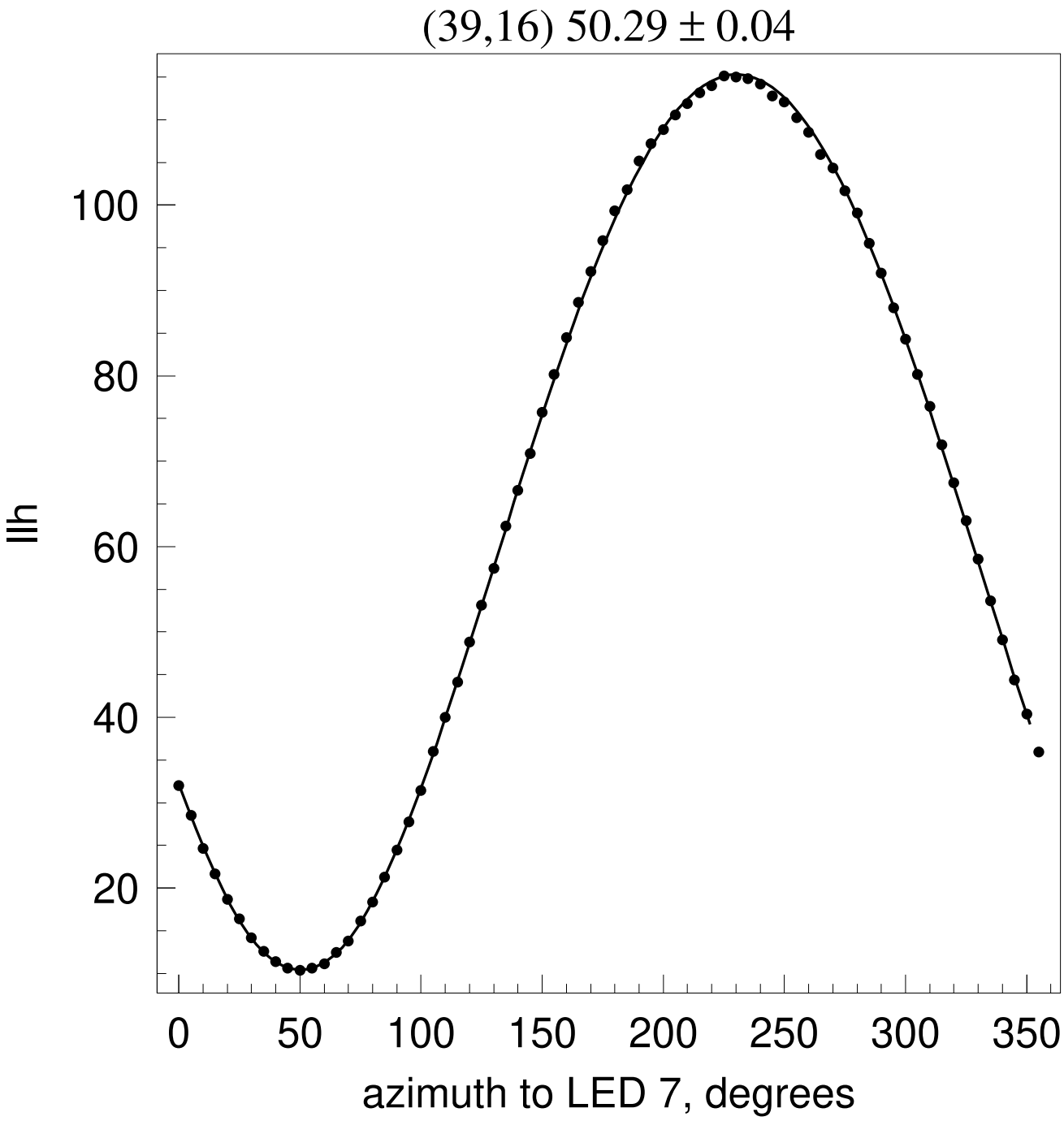

(39,11) 1.65 ± 0.11
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

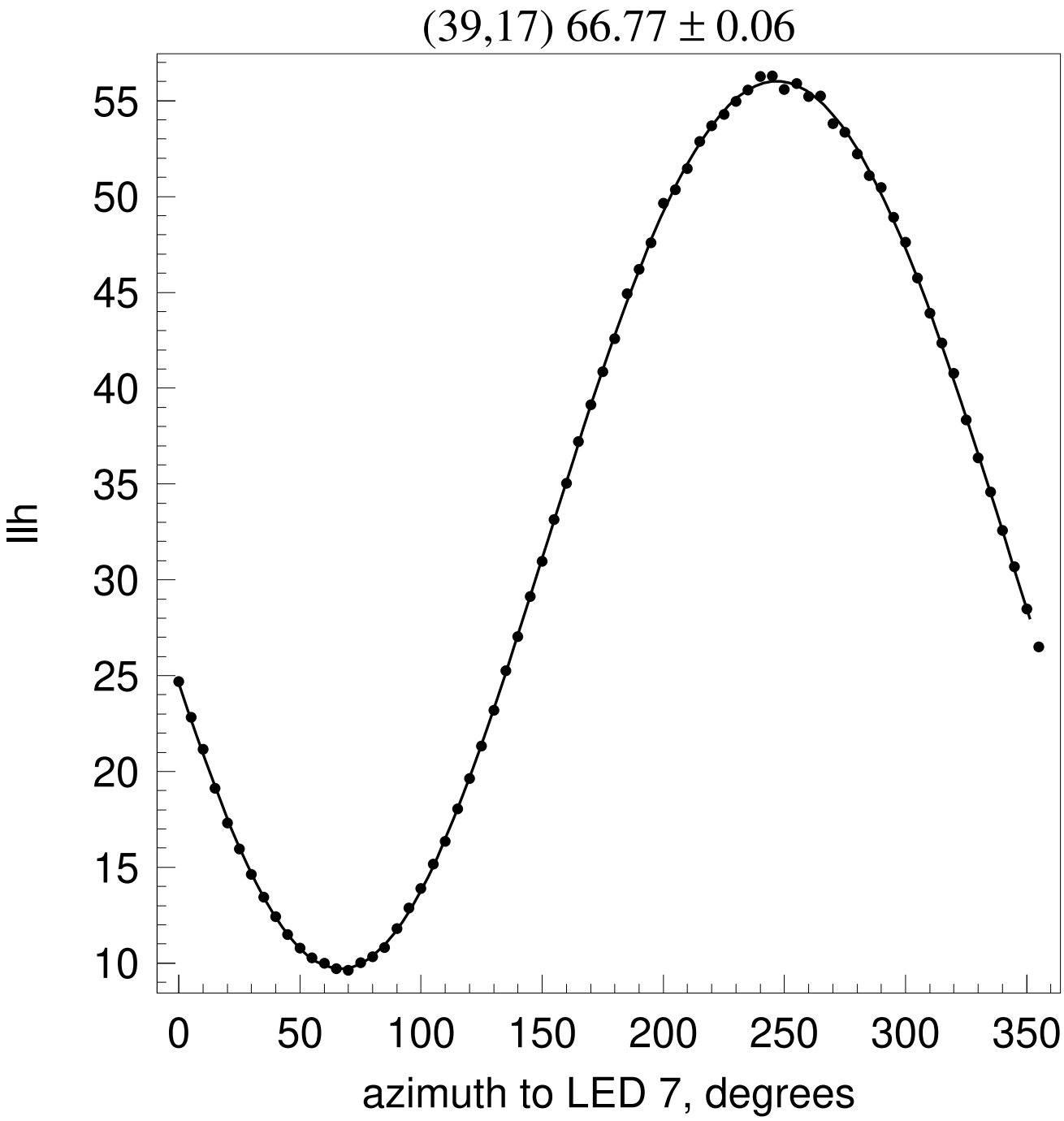

(39,12) 295.21 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

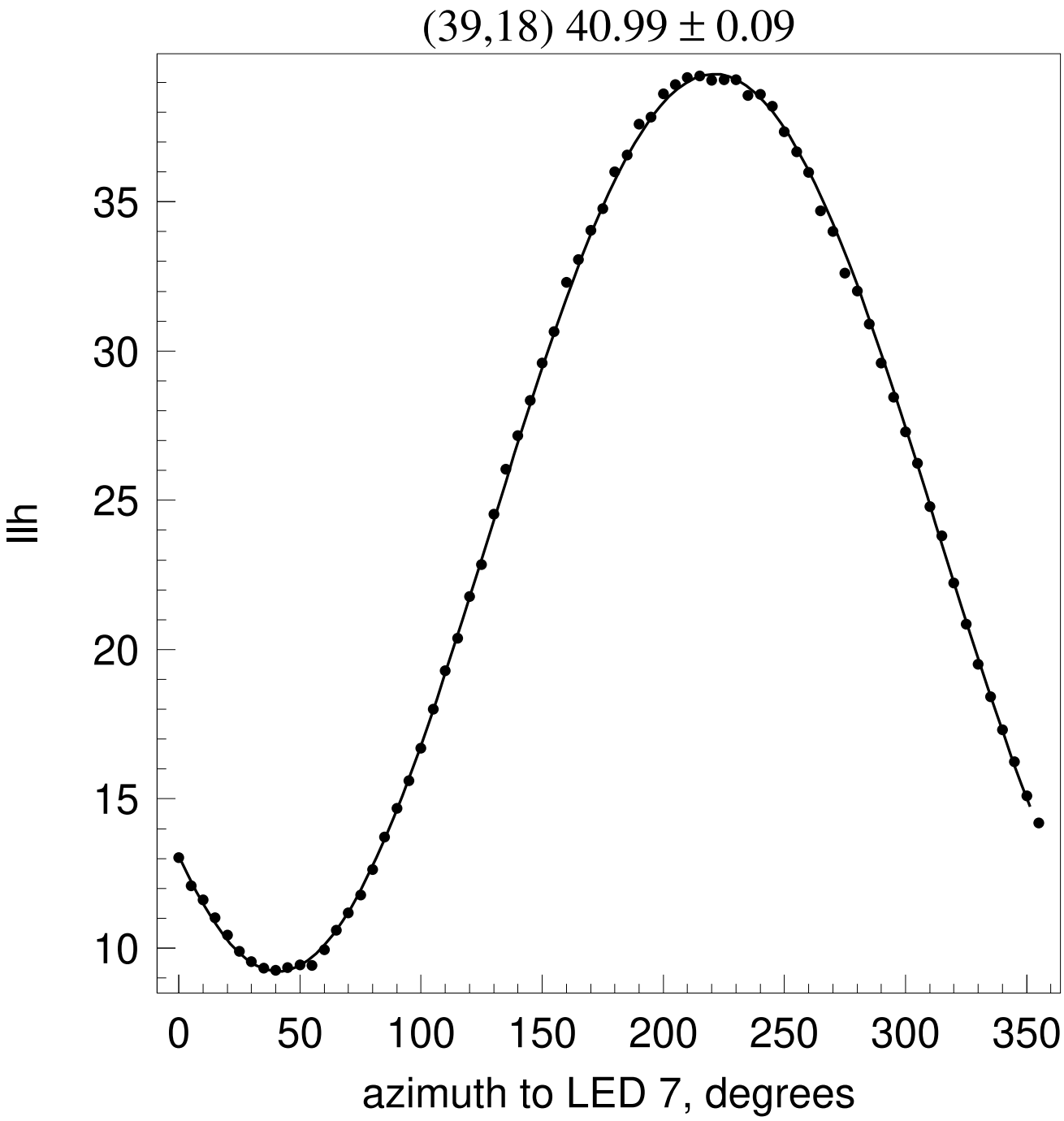

(39,13) 202.99 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

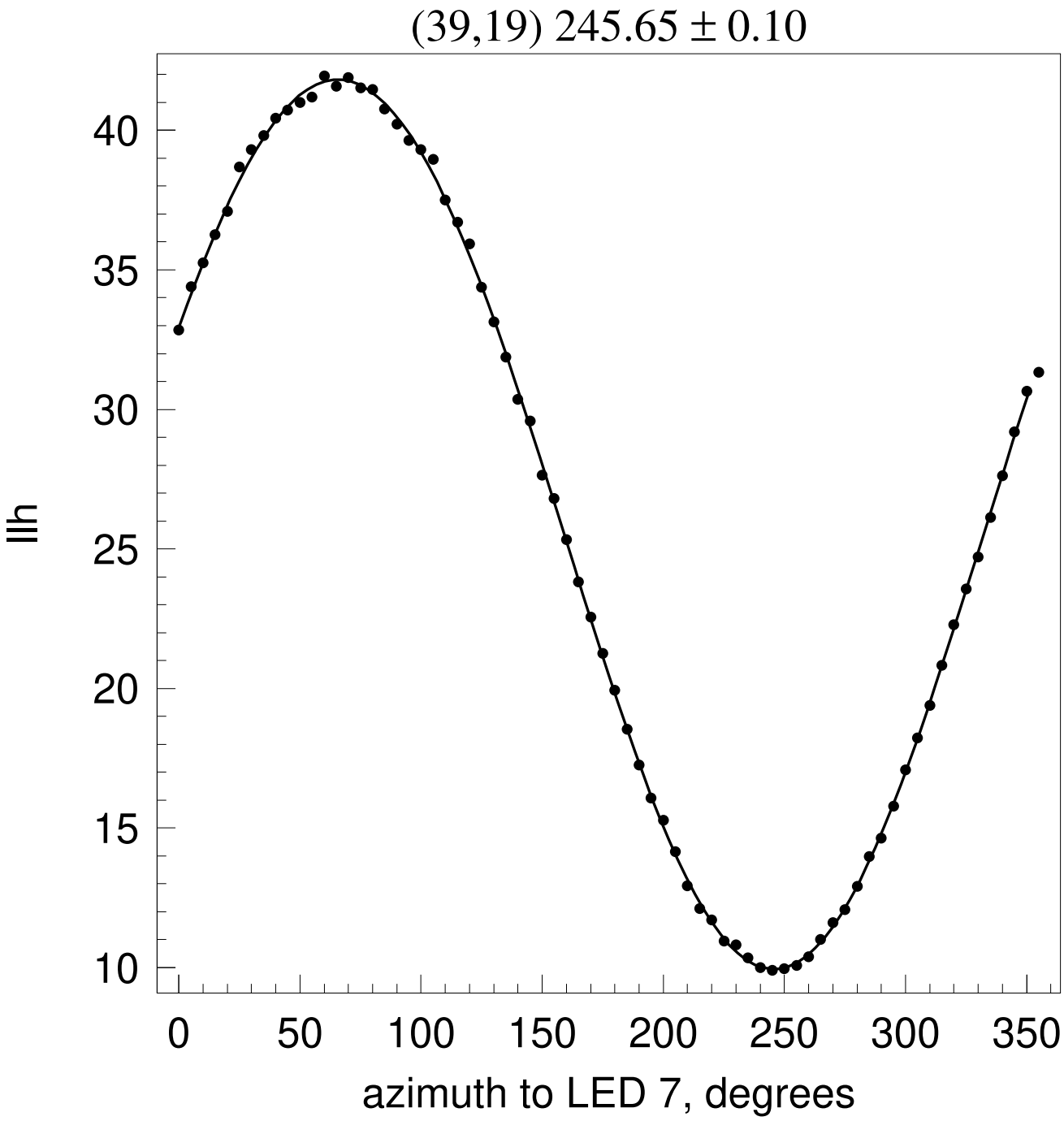

(39,14) 179.20 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

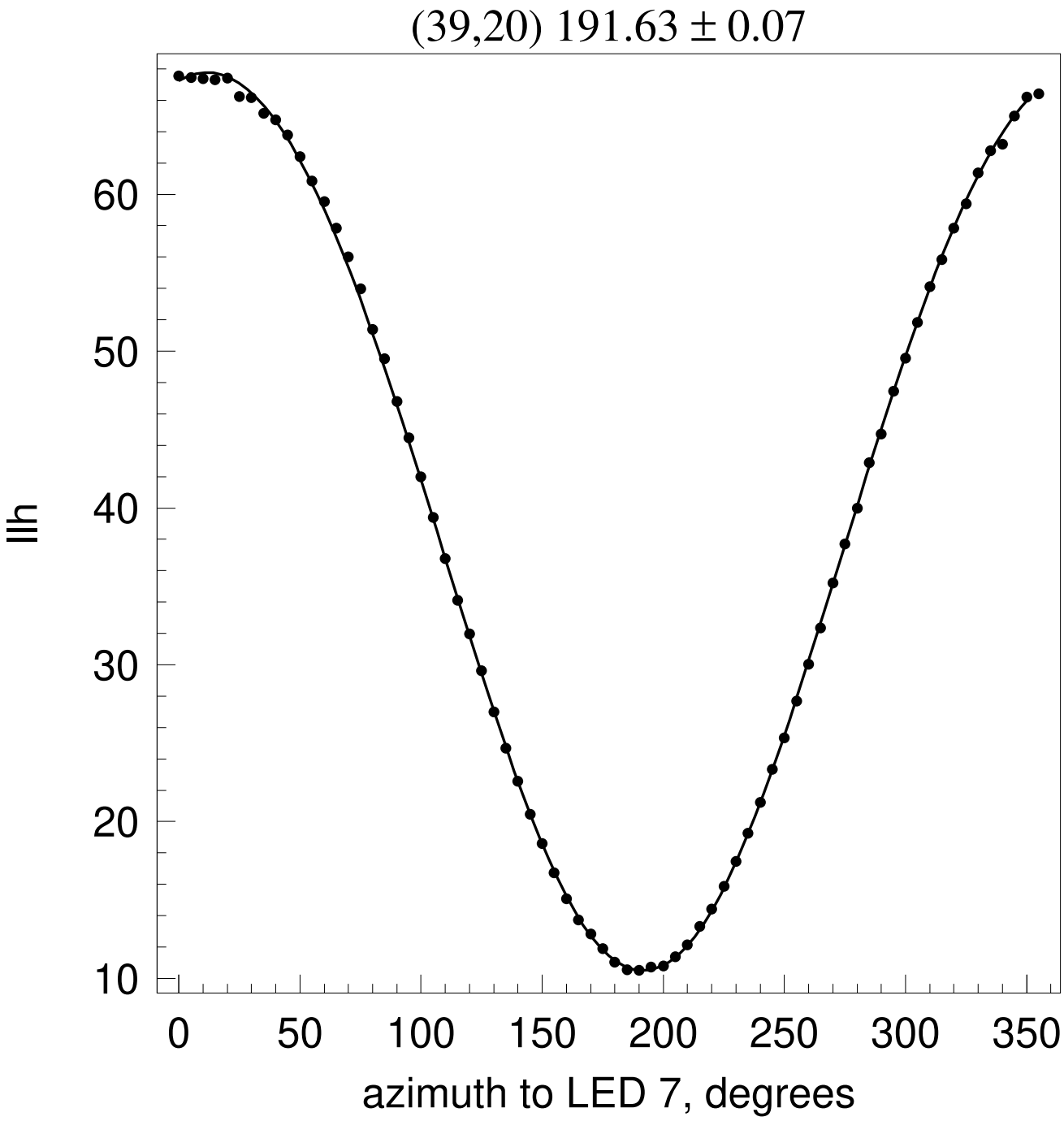

(39,15) 104.71 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

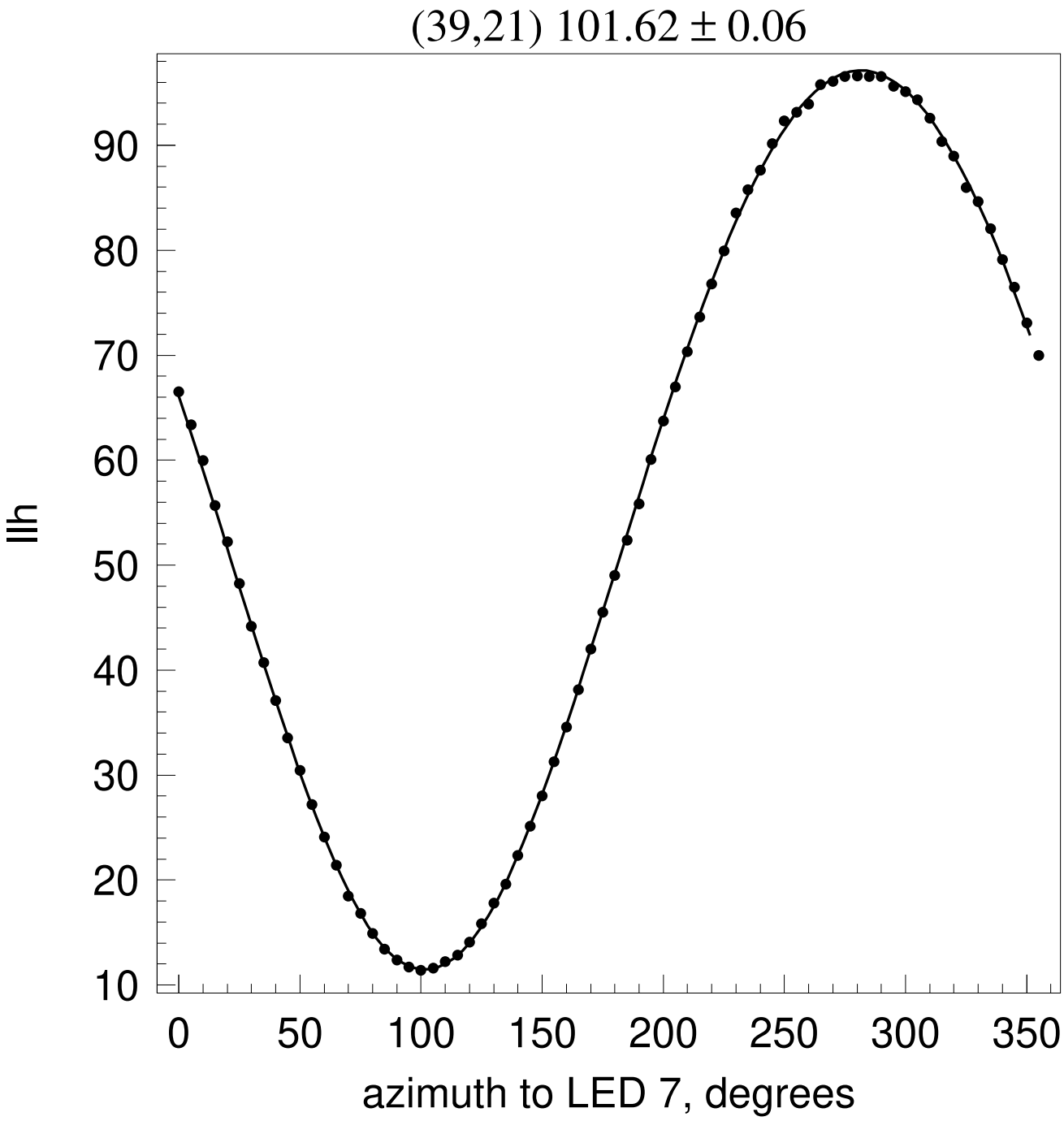

(39,16) 50.29 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

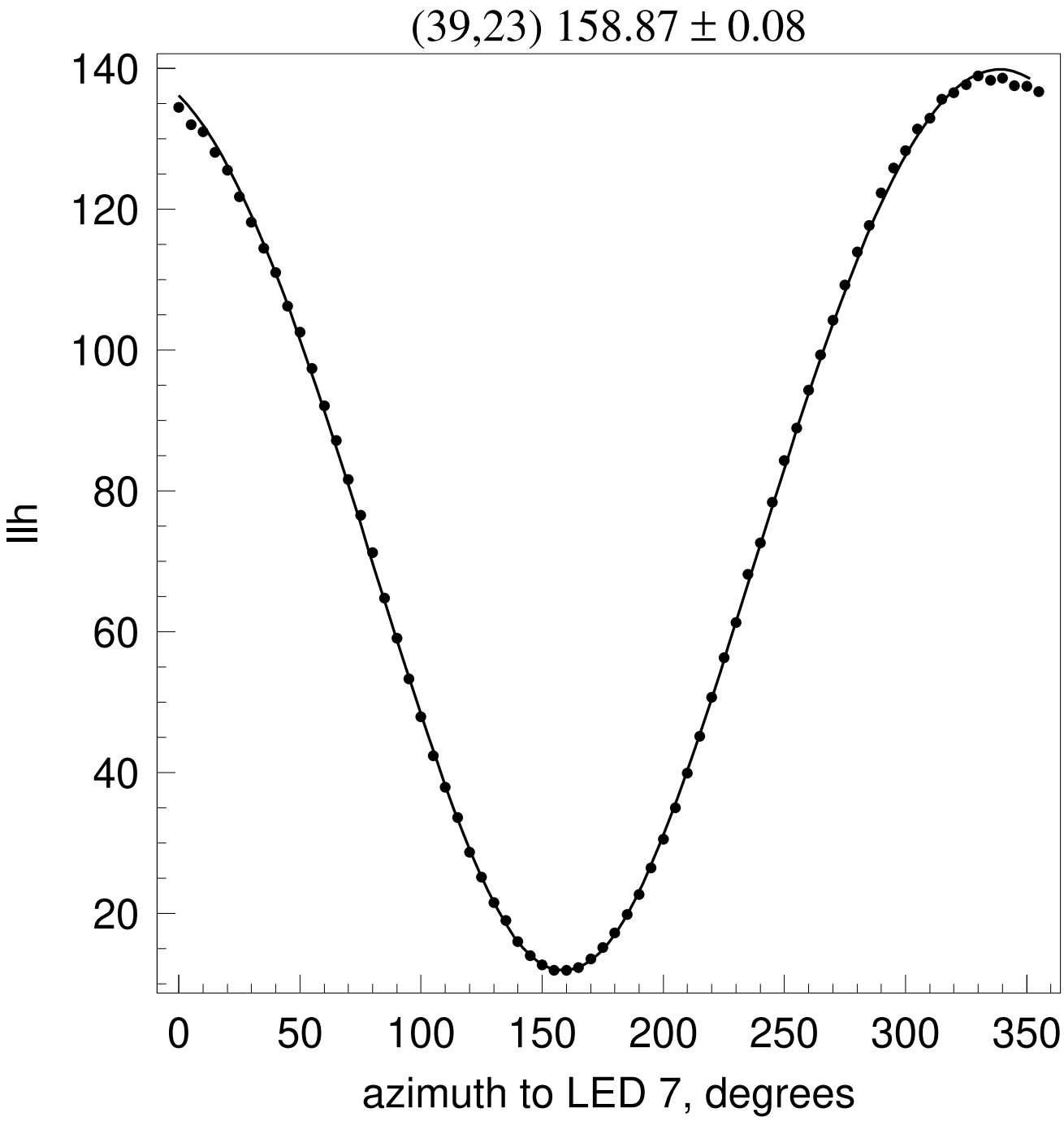

(39,17) 66.77 ± 0.06
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

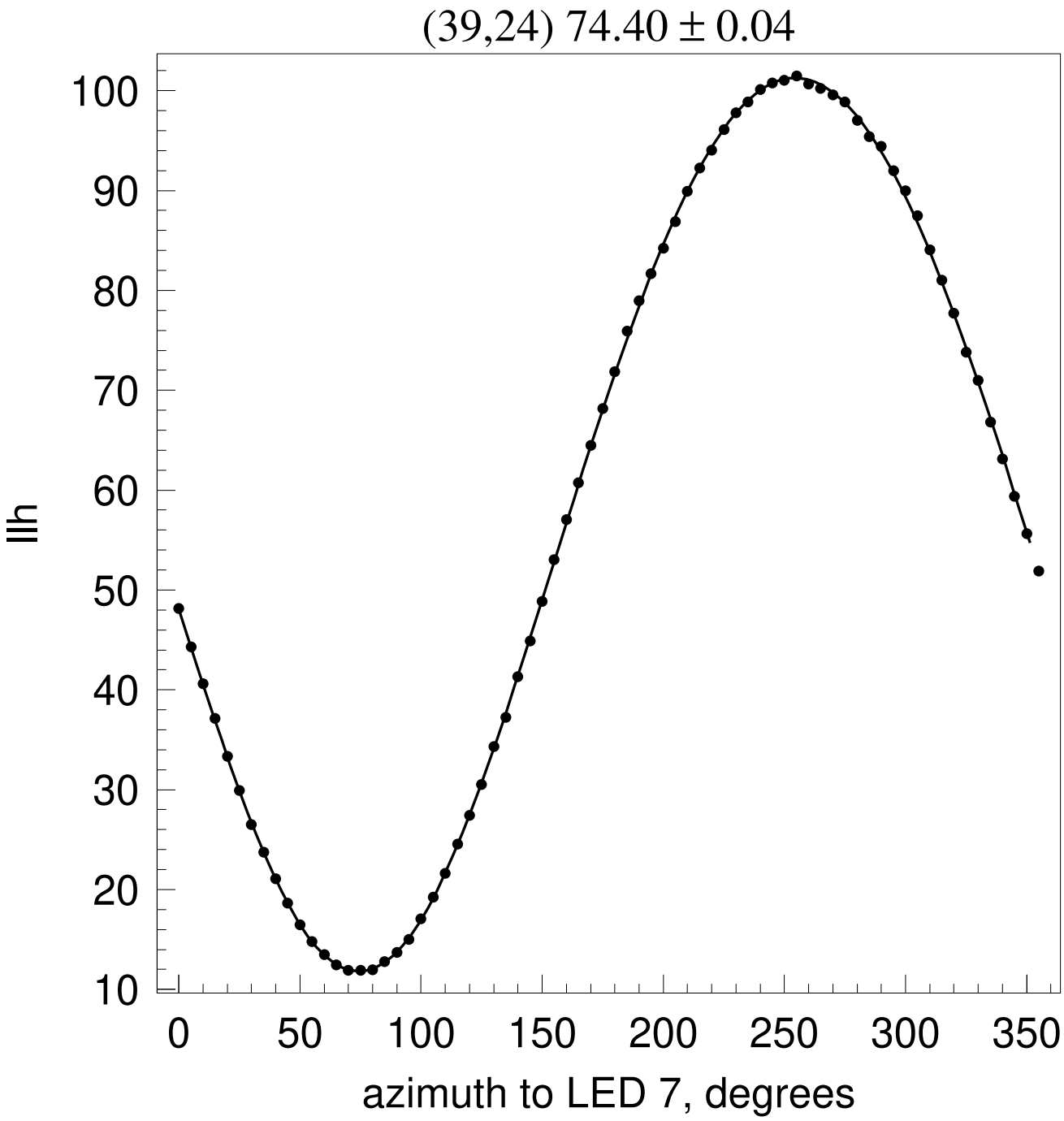

(39,18) 40.99 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

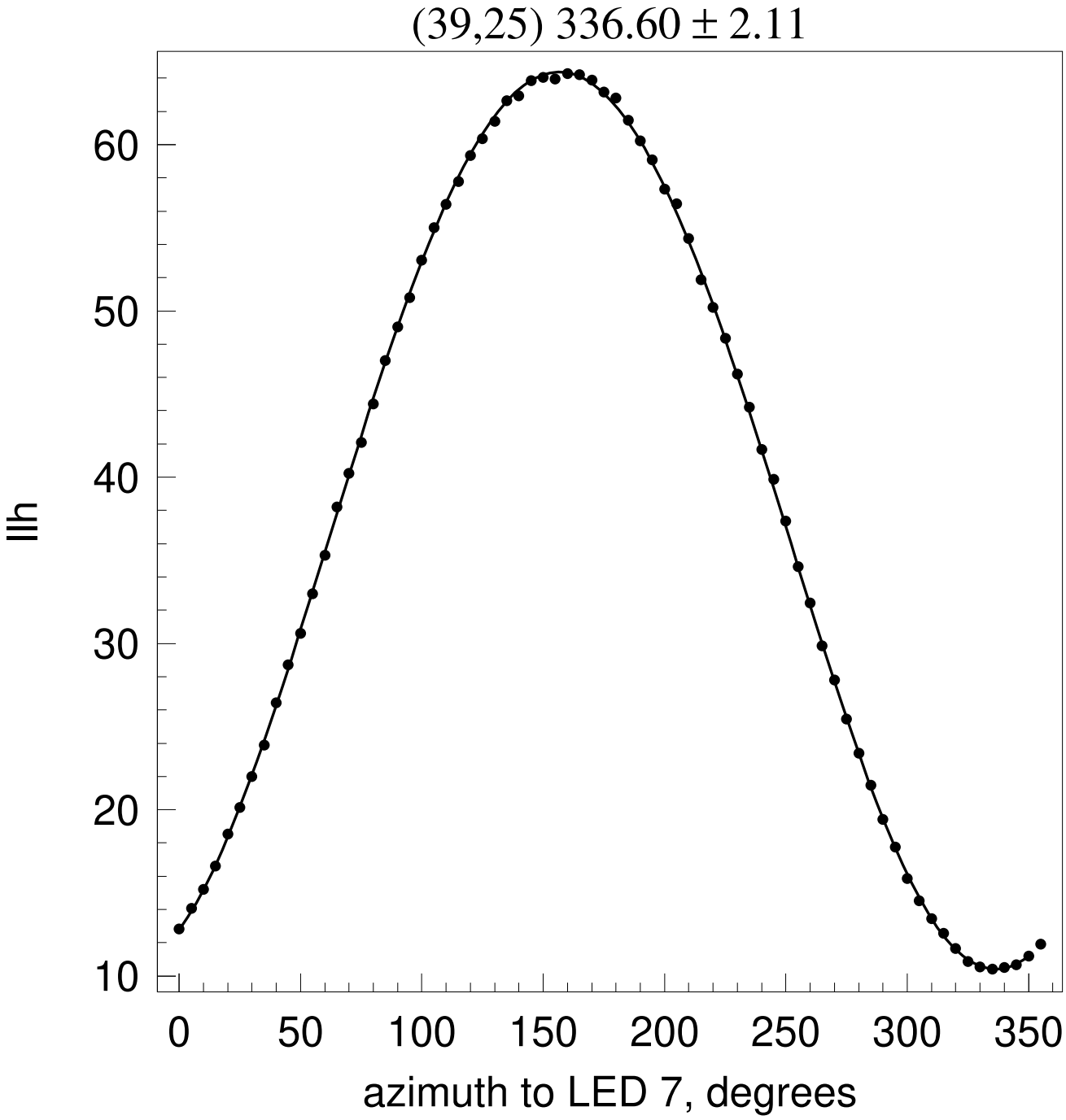

(39,19) 245.65 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

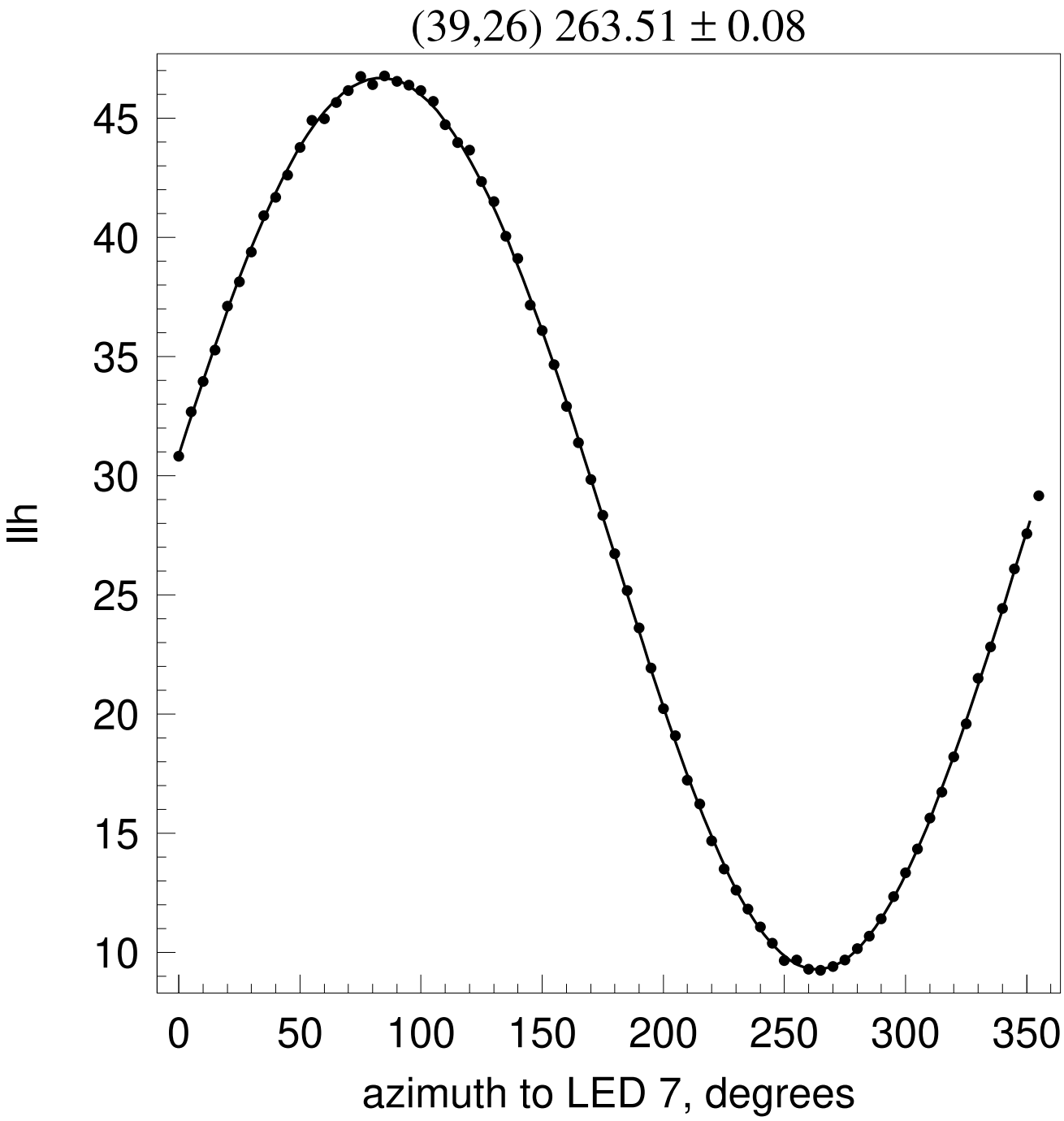

(39,20) 191.63 ± 0.07
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

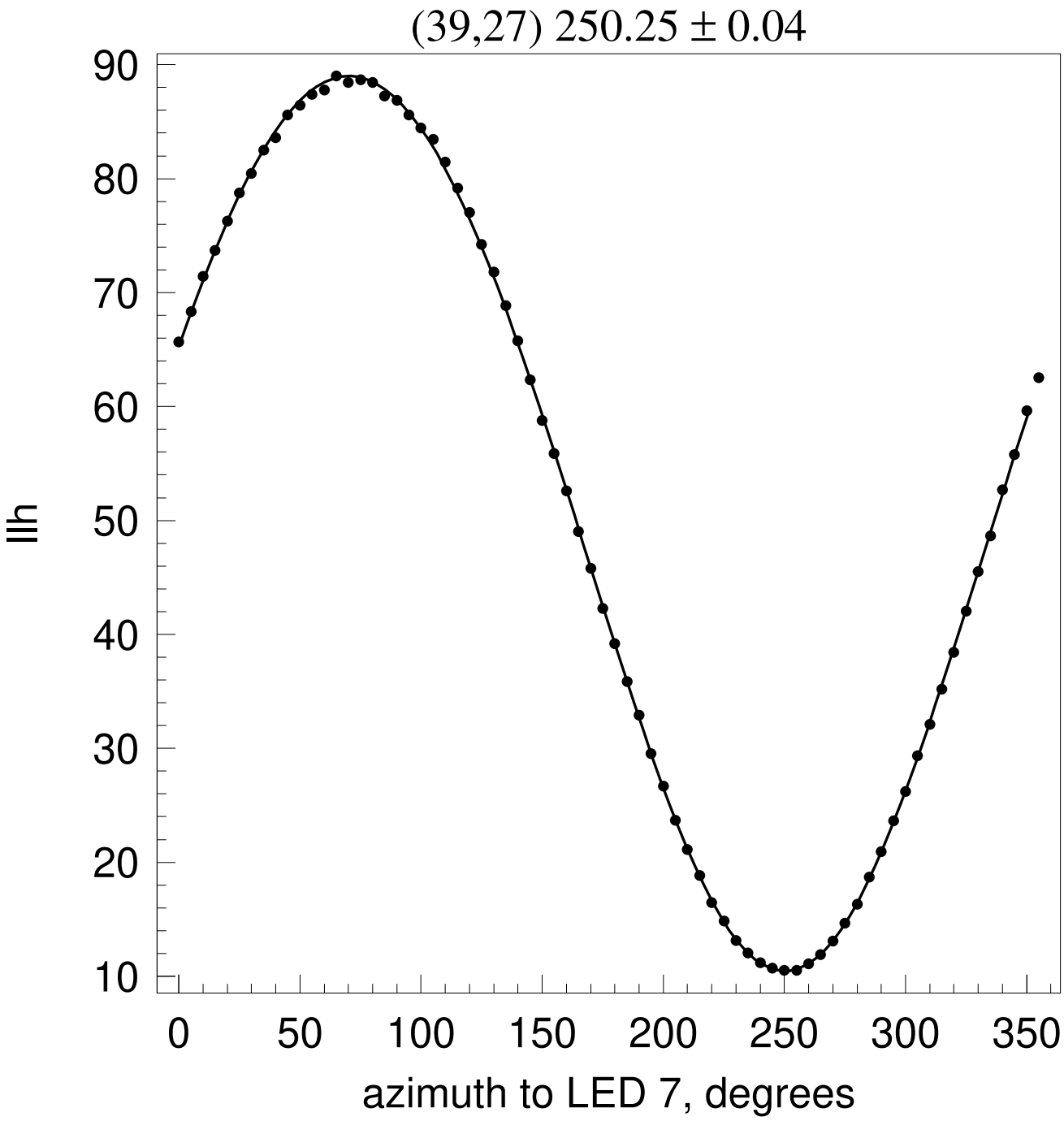

(39,21) 101.62 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

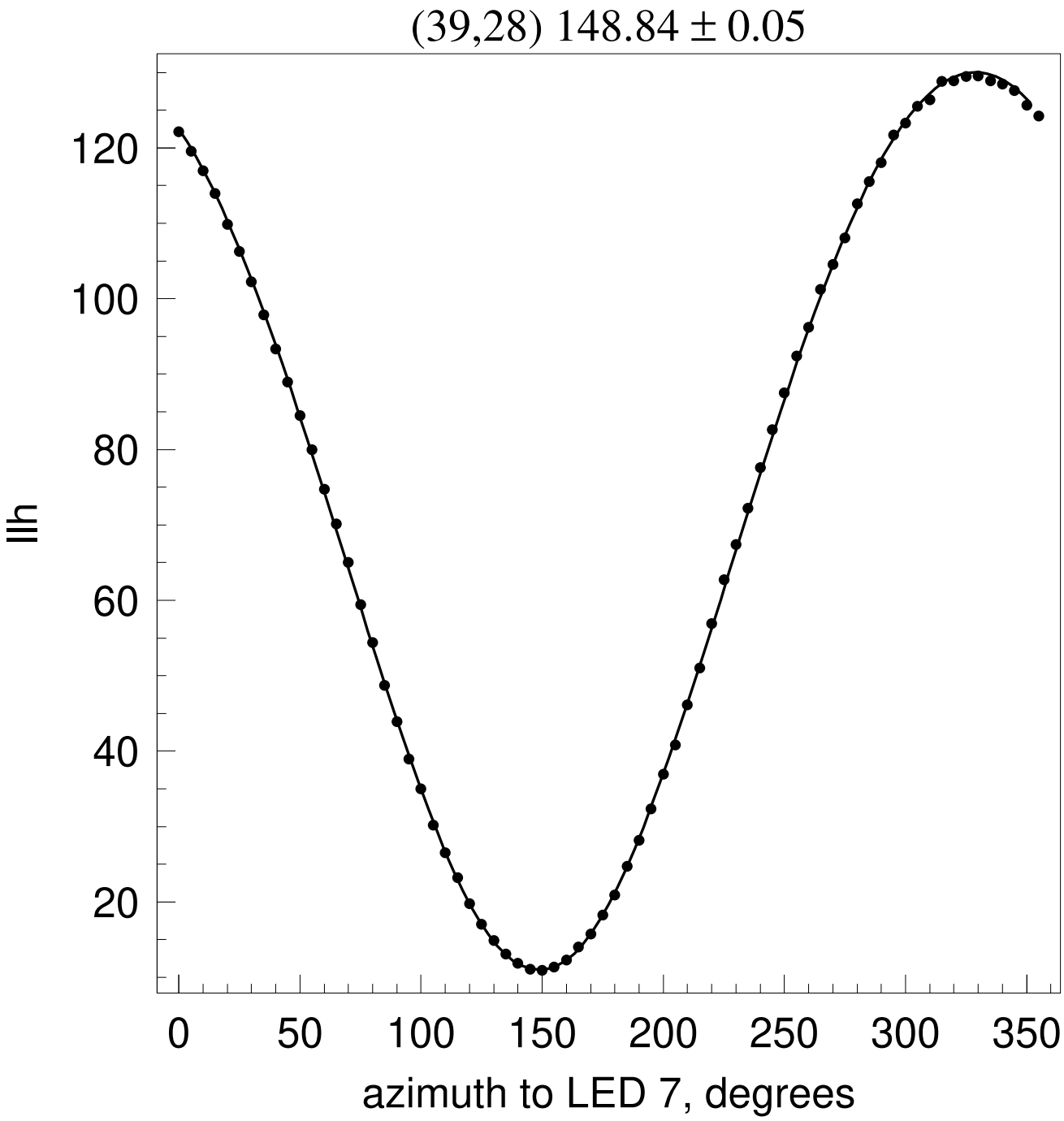

(39,23) 158.87 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

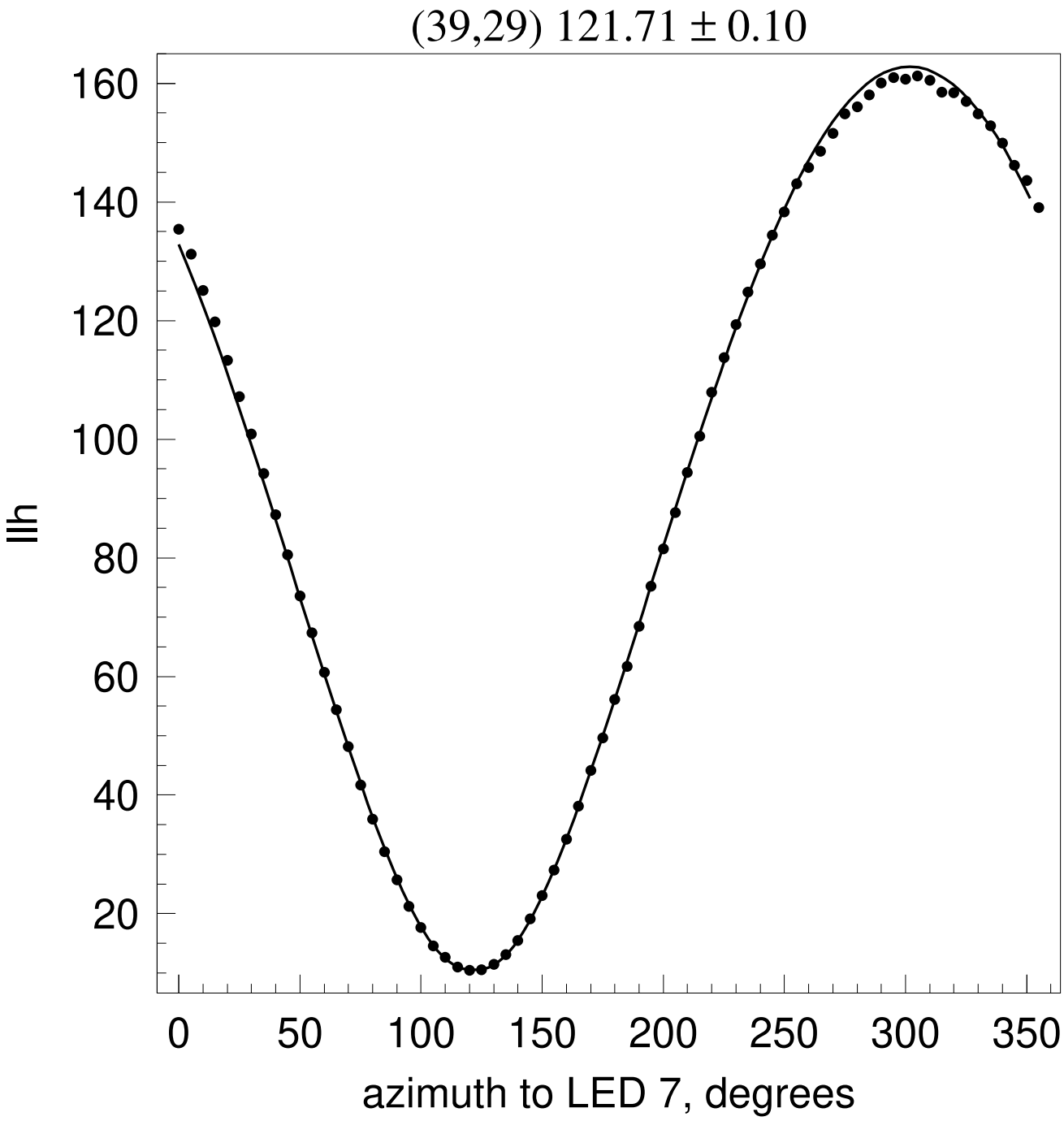

(39,24) 74.40 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

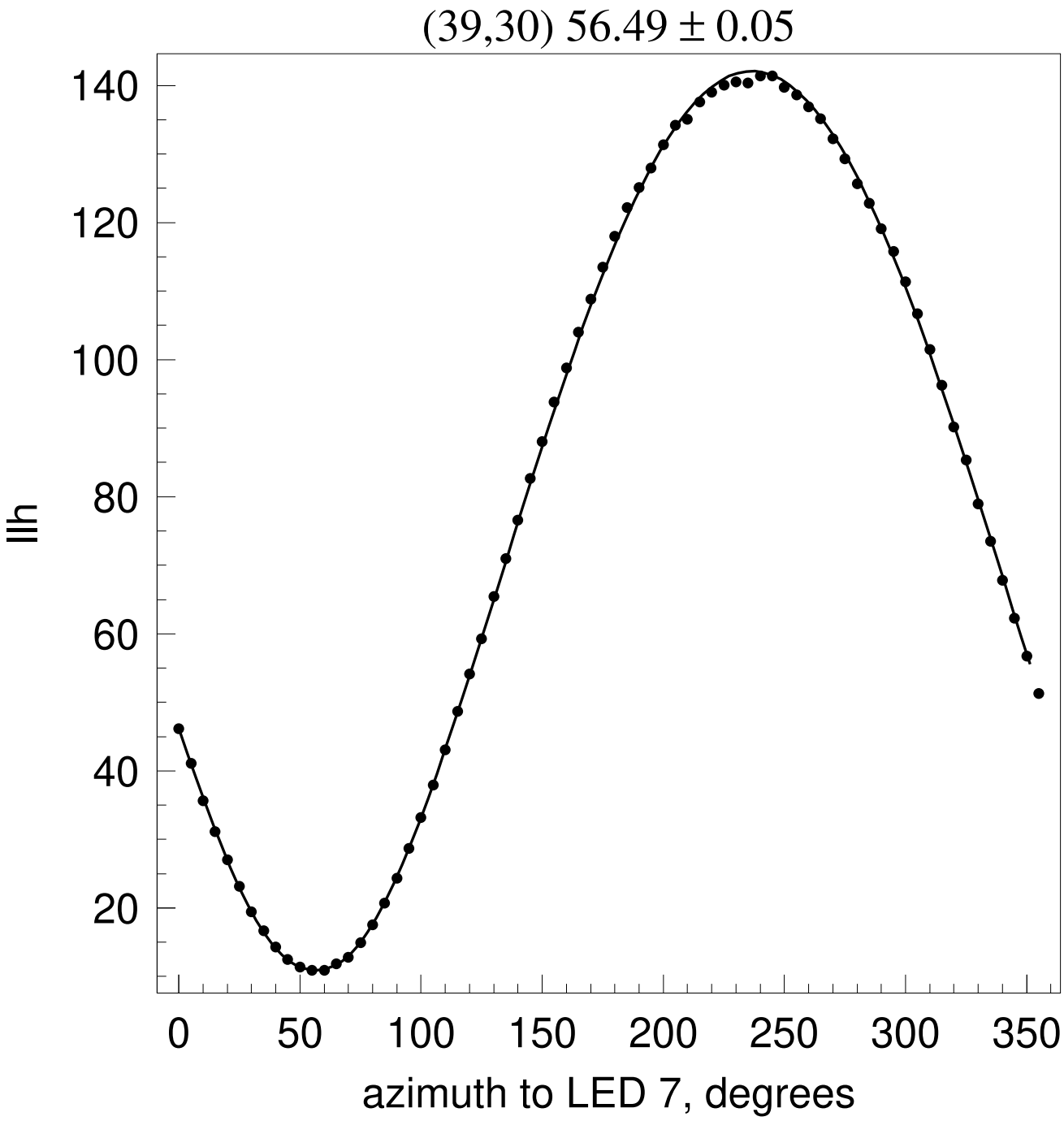

(39,25) 336.60 ± 2.11
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

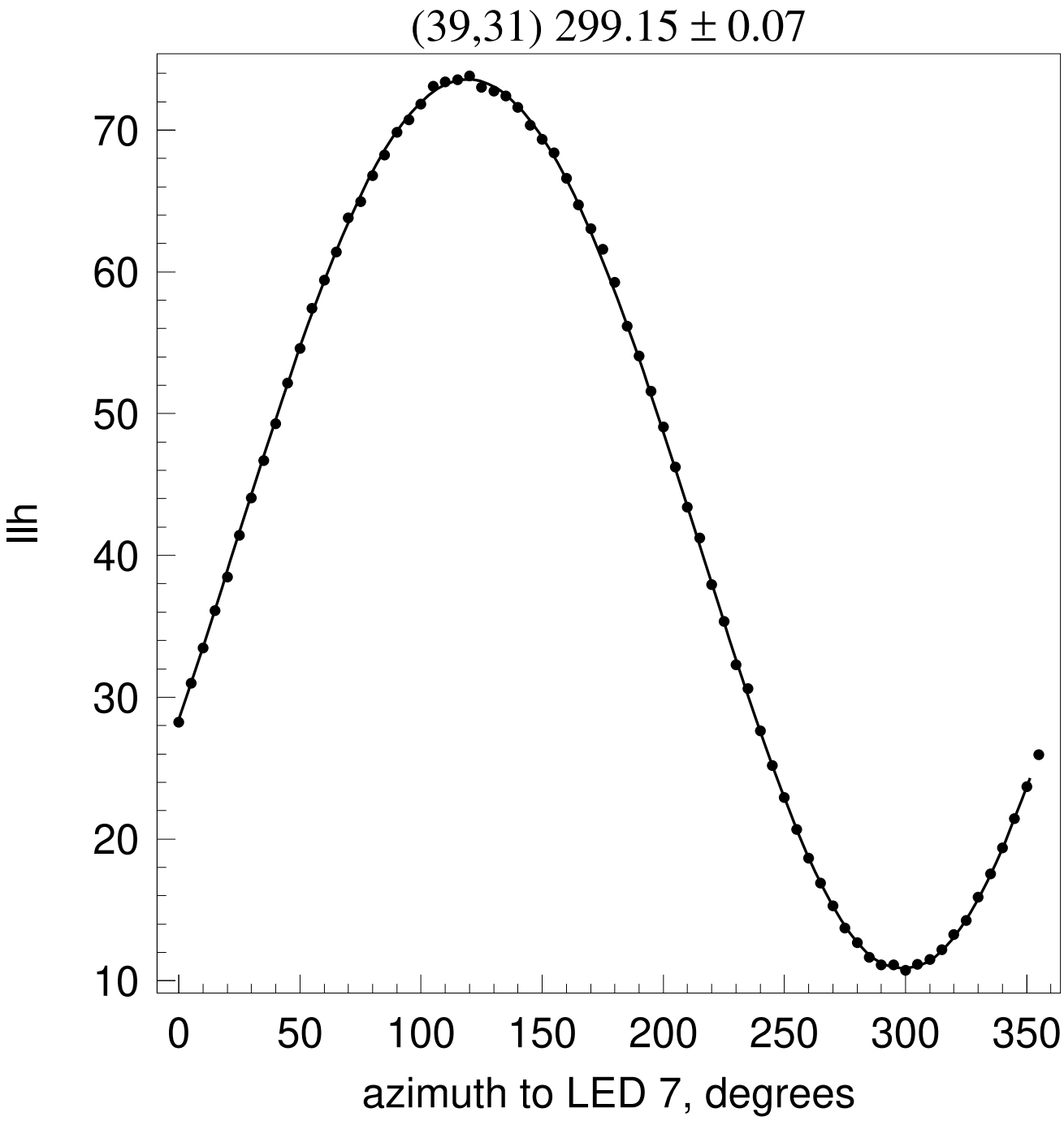

(39,26) 263.51 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

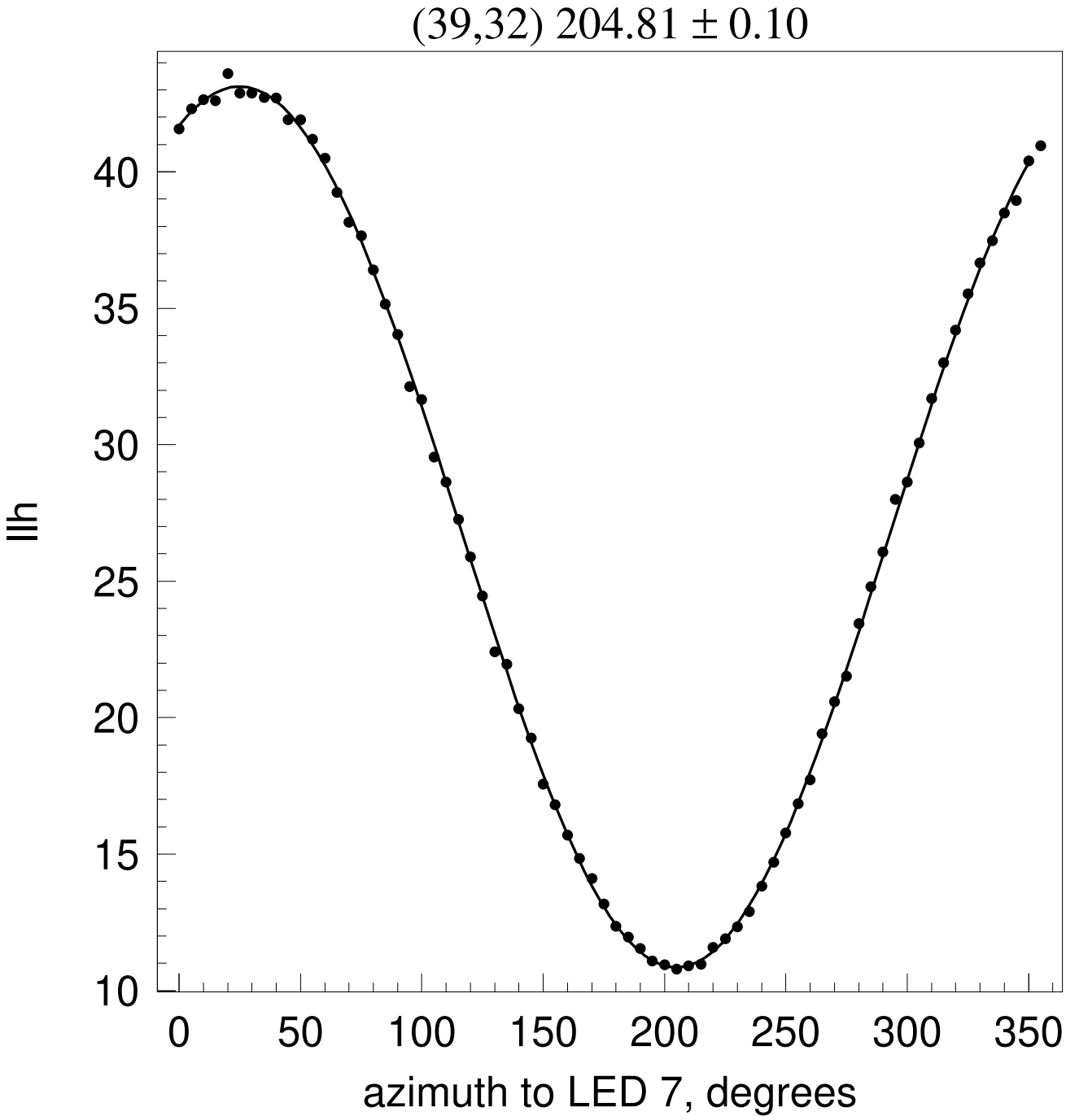

(39,27) 250.25 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

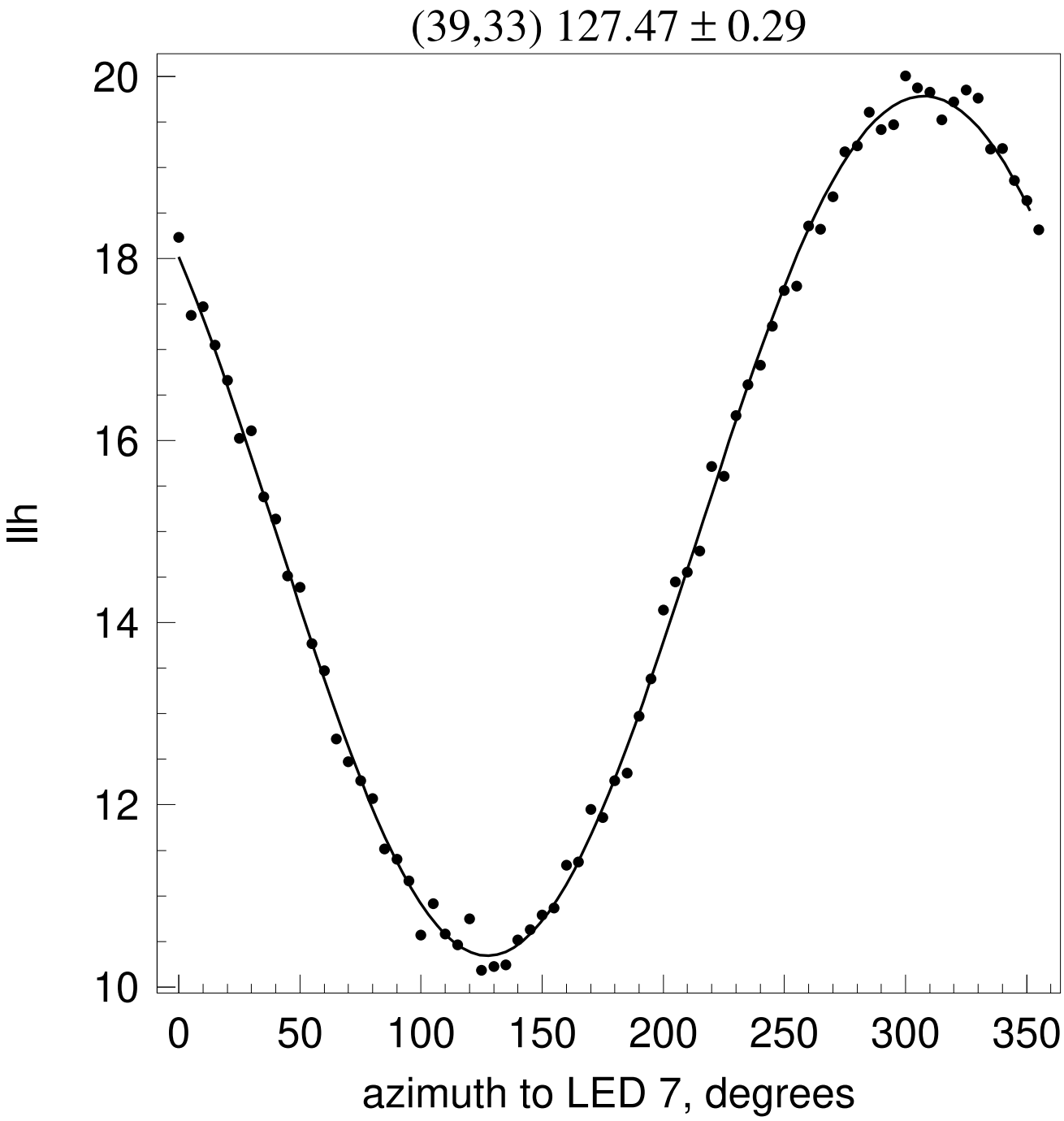

(39,28) 148.84 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

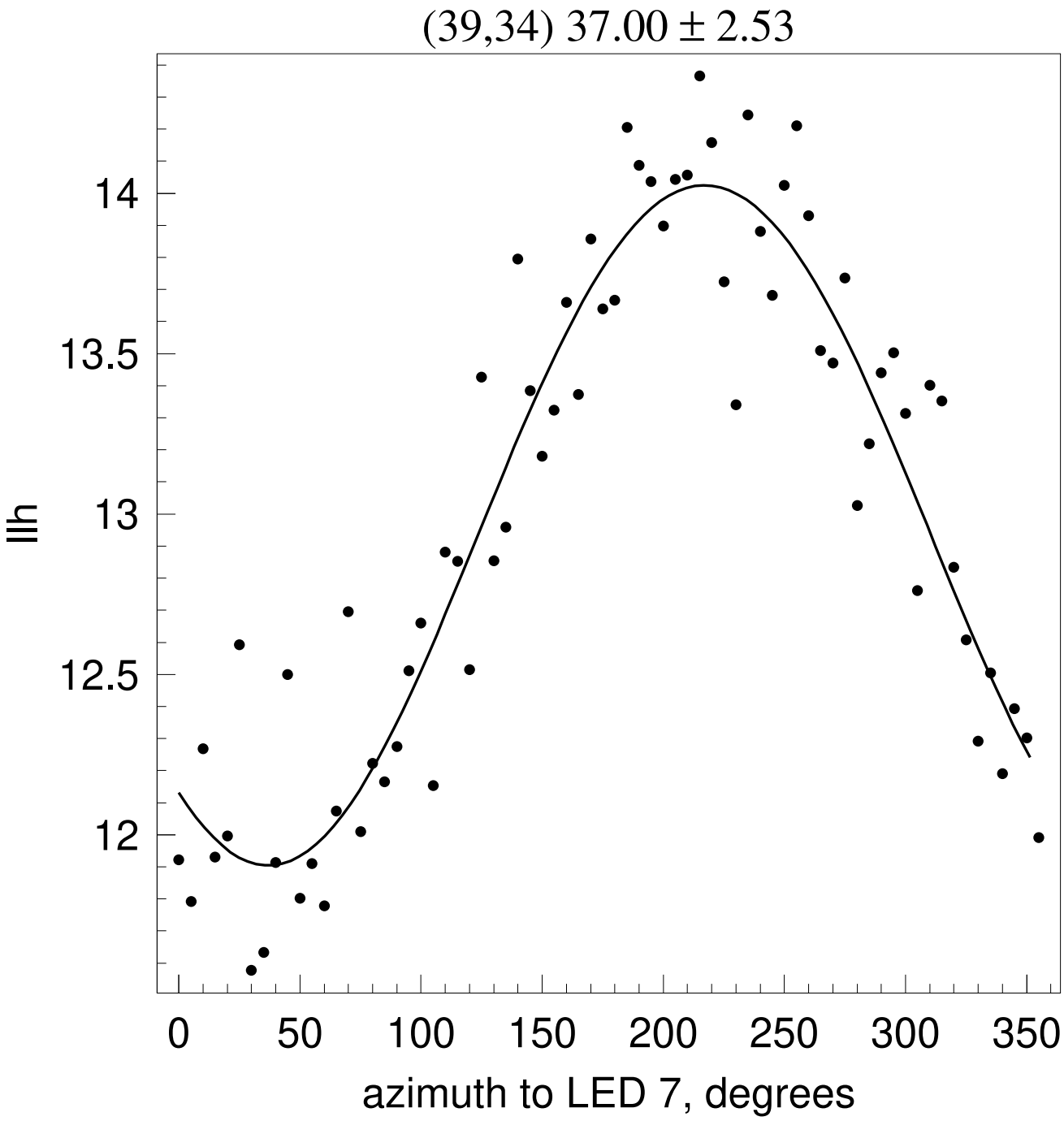

(39,29) 121.71 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

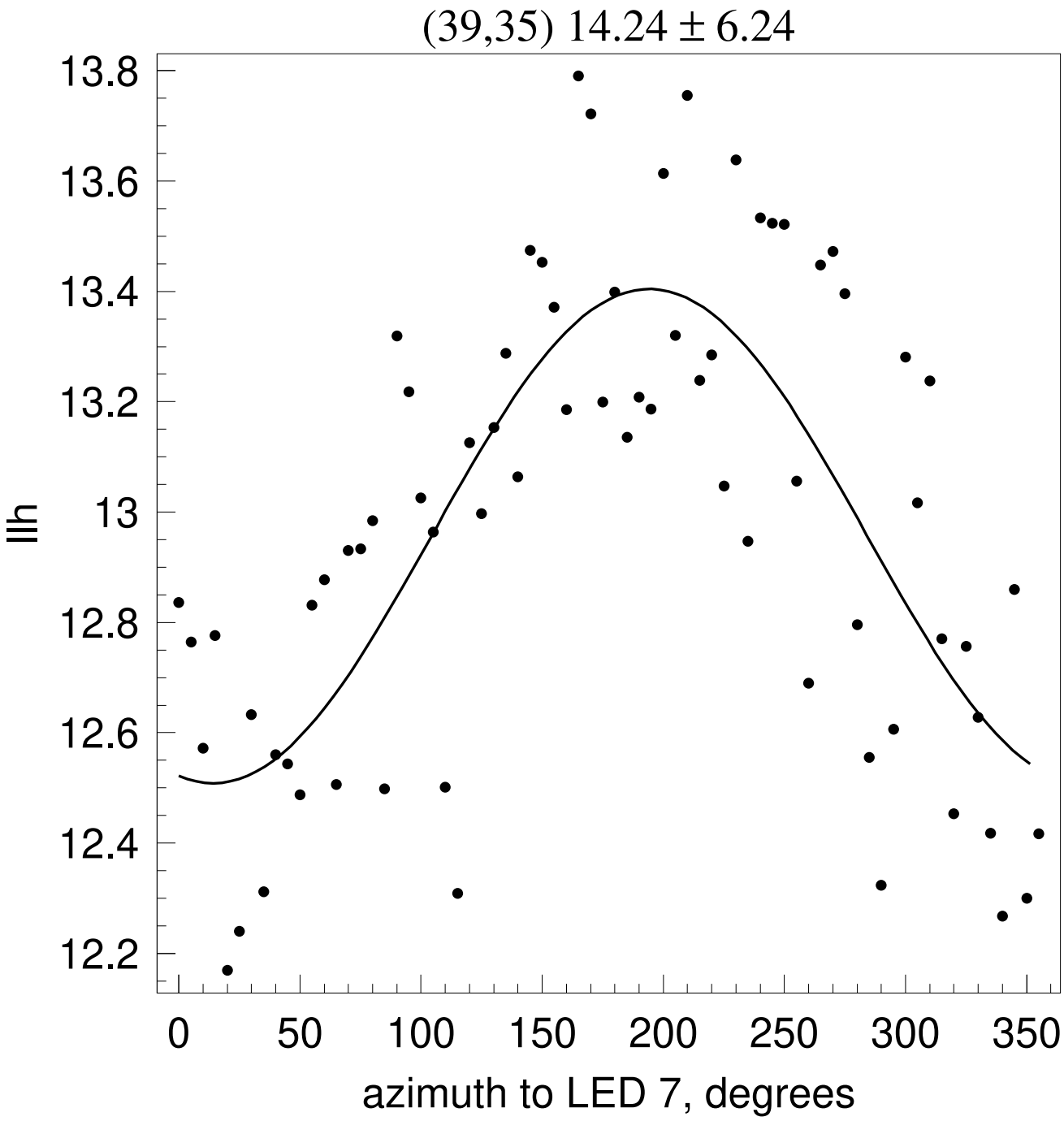

(39,30) 56.49 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

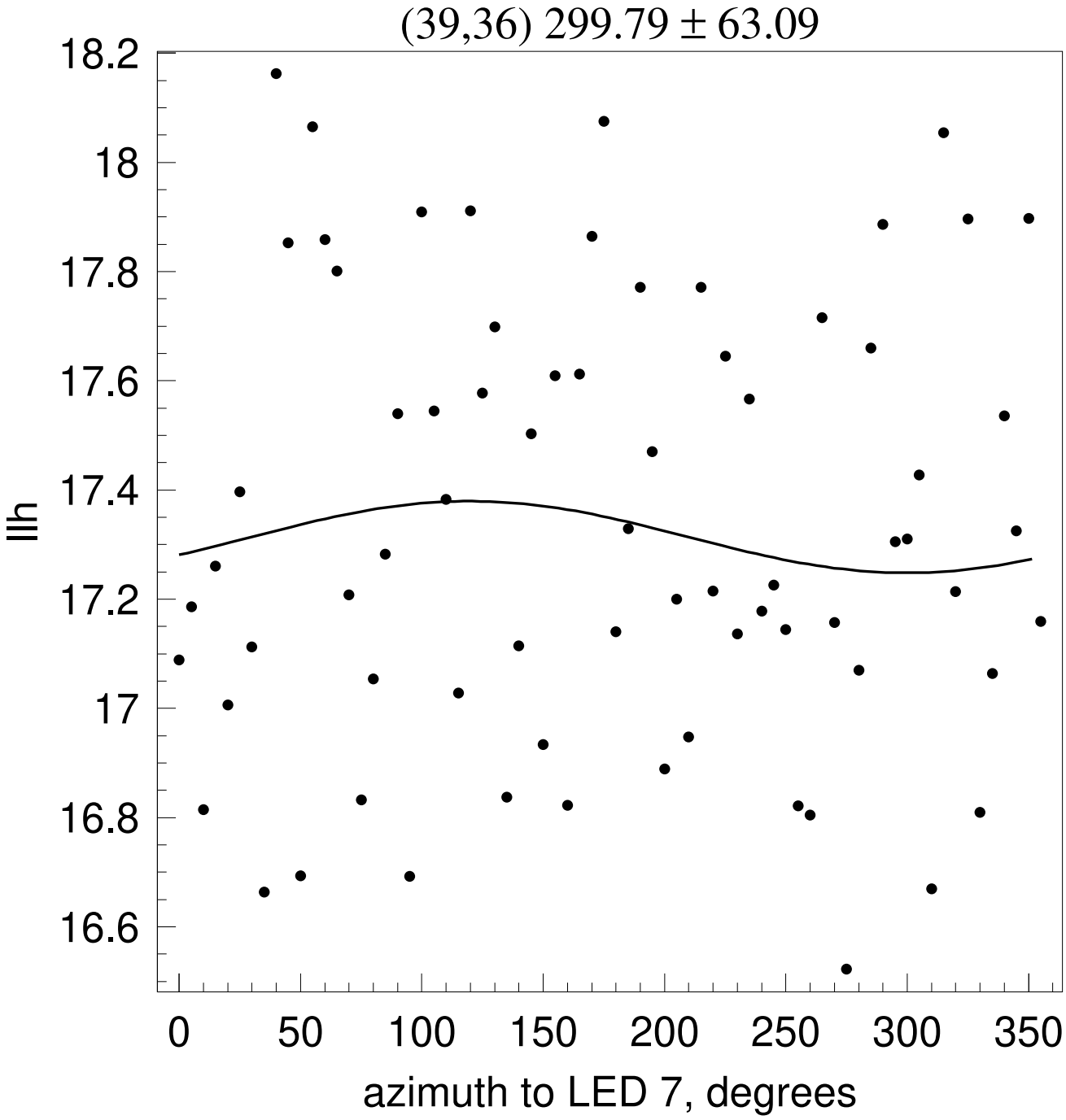

(39,31) 299.15 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

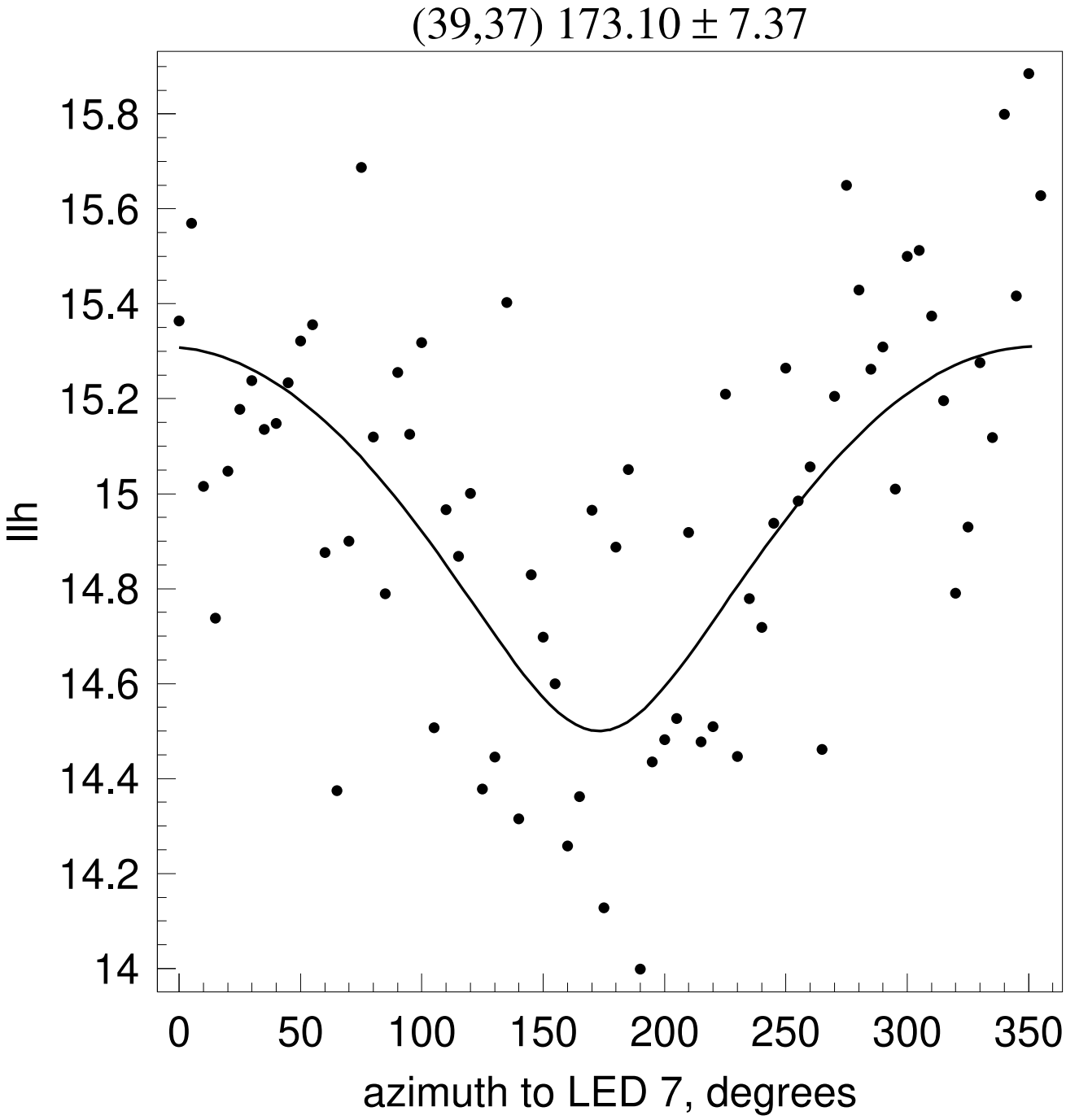

(39,32) 204.81 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

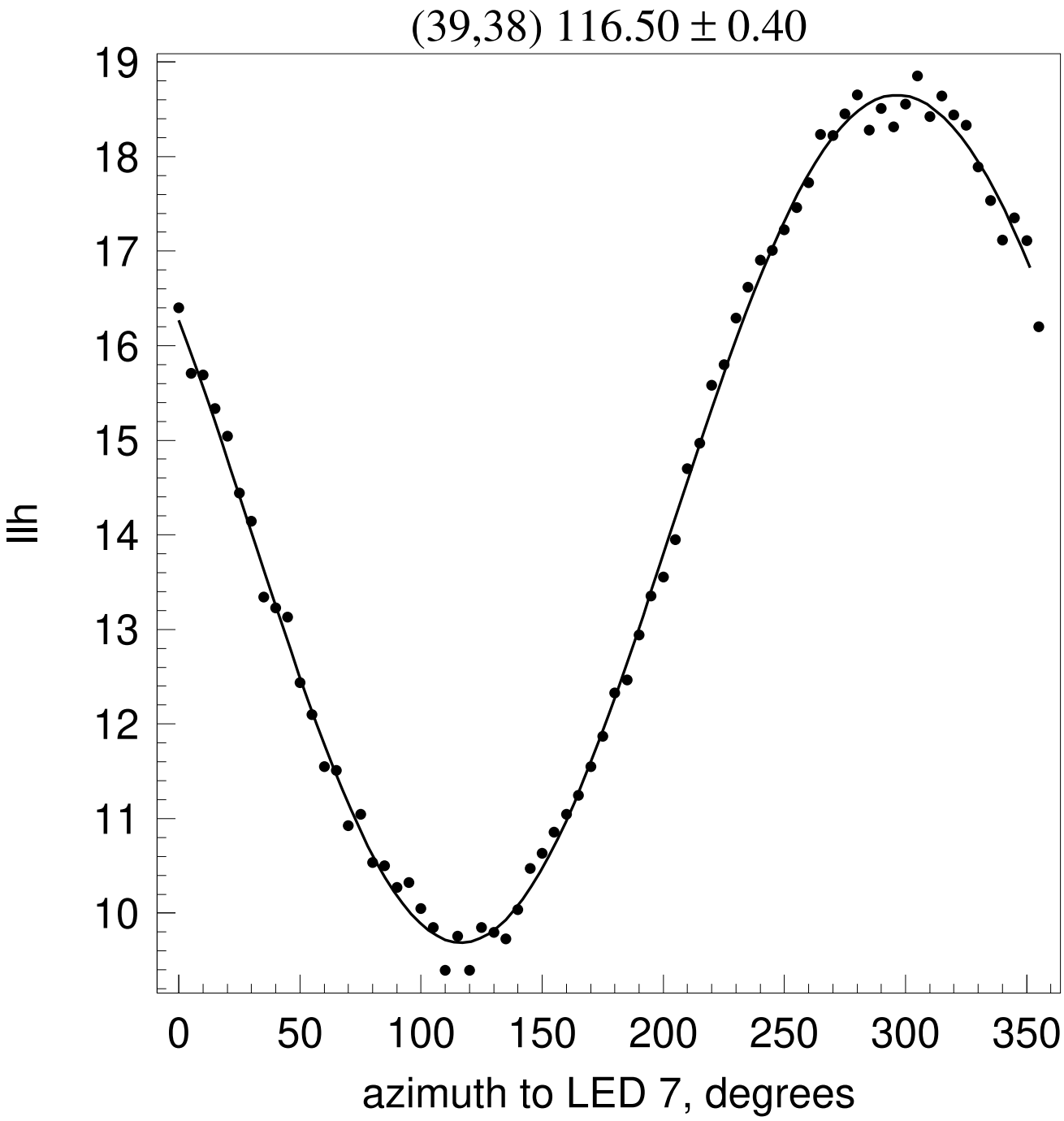

(39,33) 127.47 ± 0.29
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

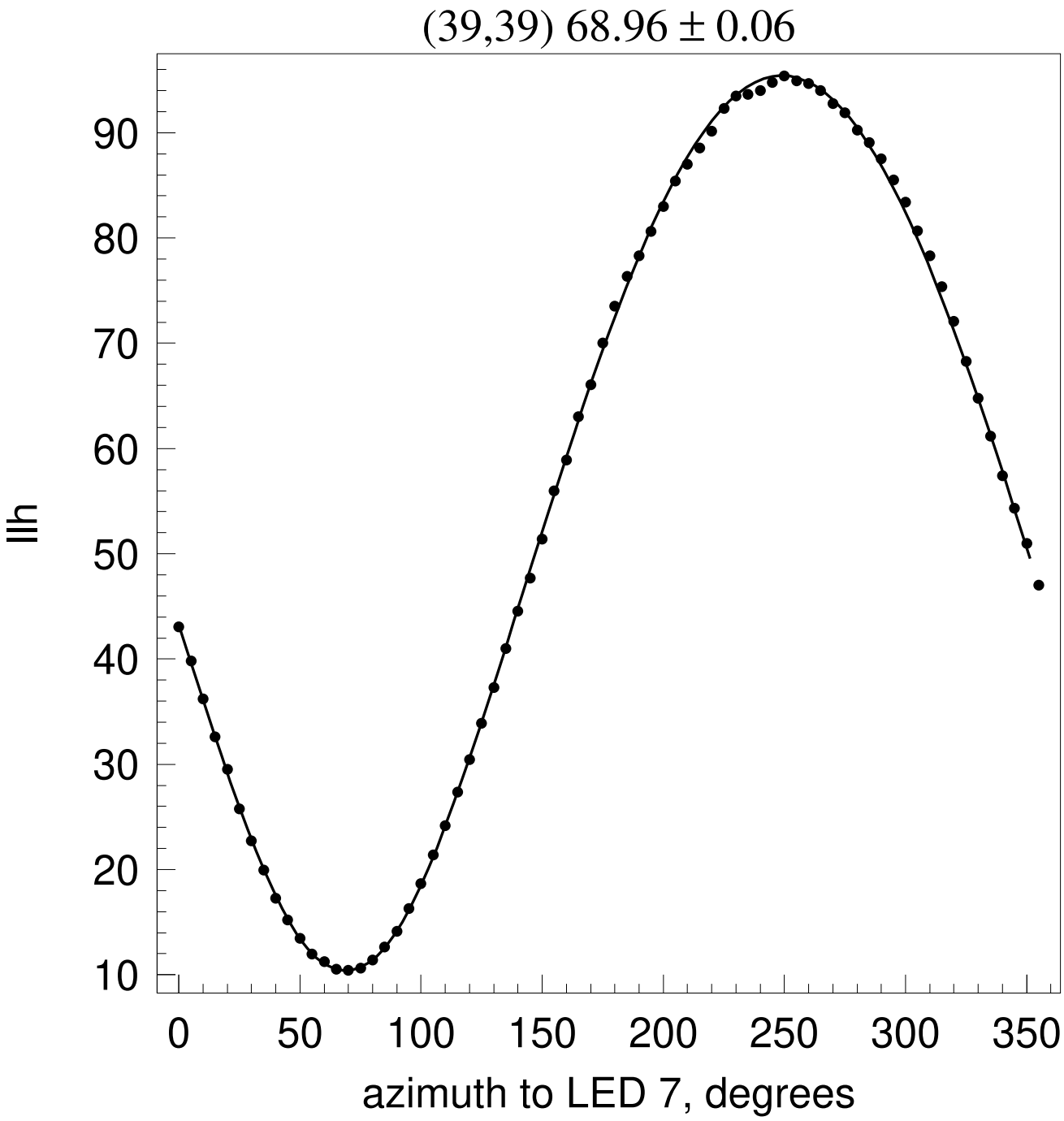

(39,34) 37.00 ± 2.53
14
13.5
13
12.5
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

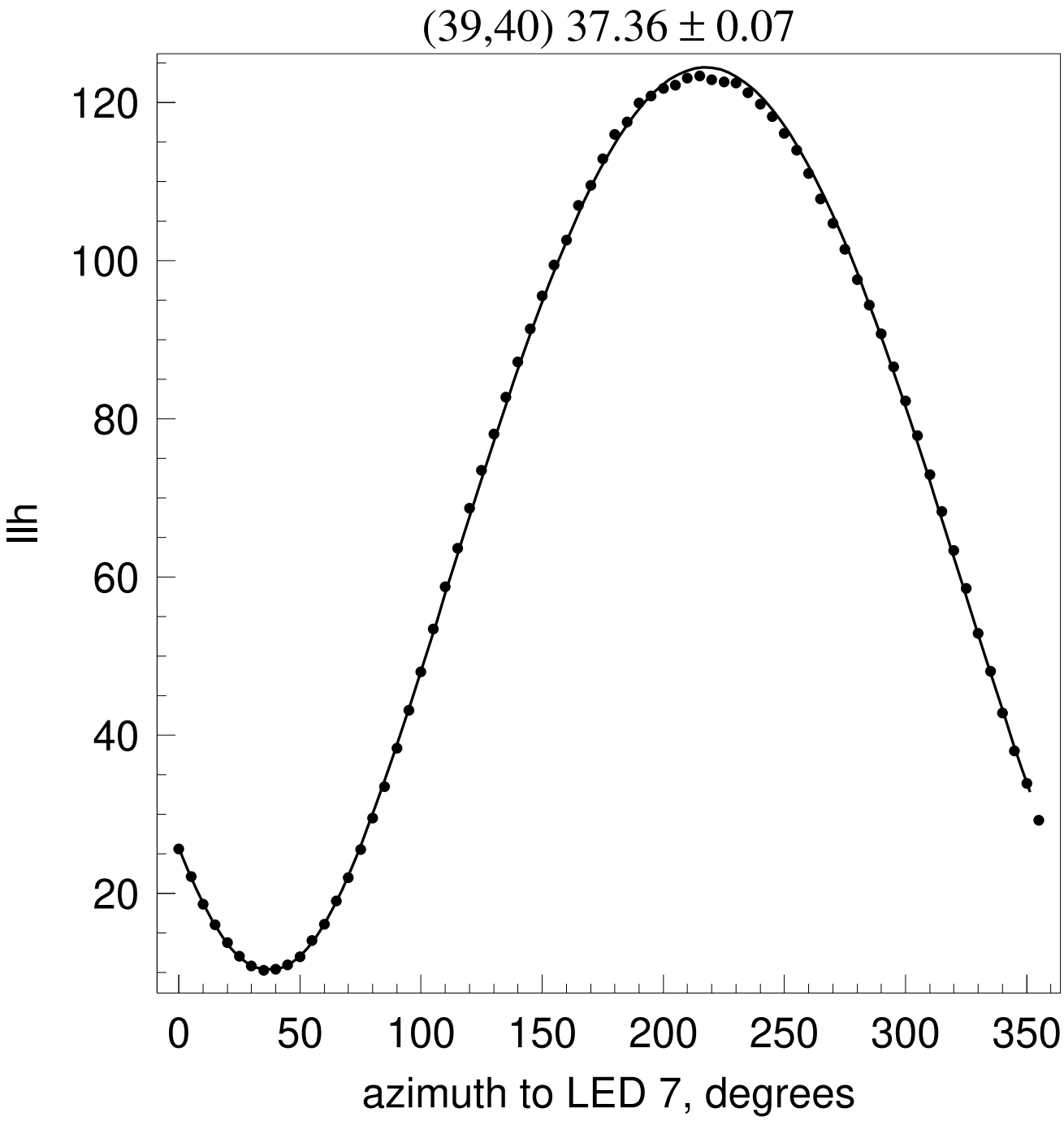

(39,35) 14.24 ± 6.24
13.8
13.6
13.4
13.2
13
12.8
12.6
12.4
12.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

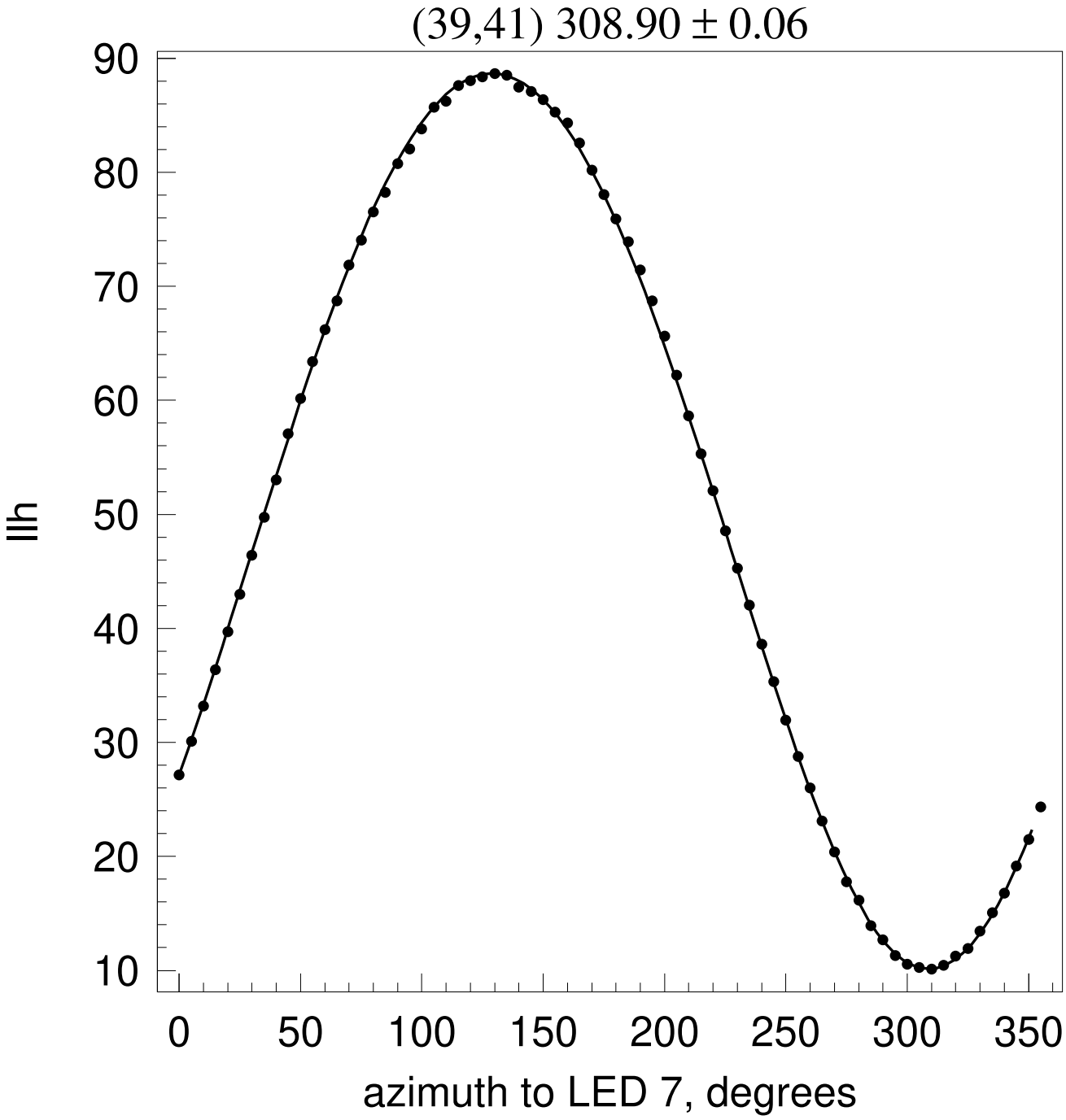

(39,36) 299.79 ± 63.09
18.2
18
17.8
17.6
17.4
17.2
17
16.8
16.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

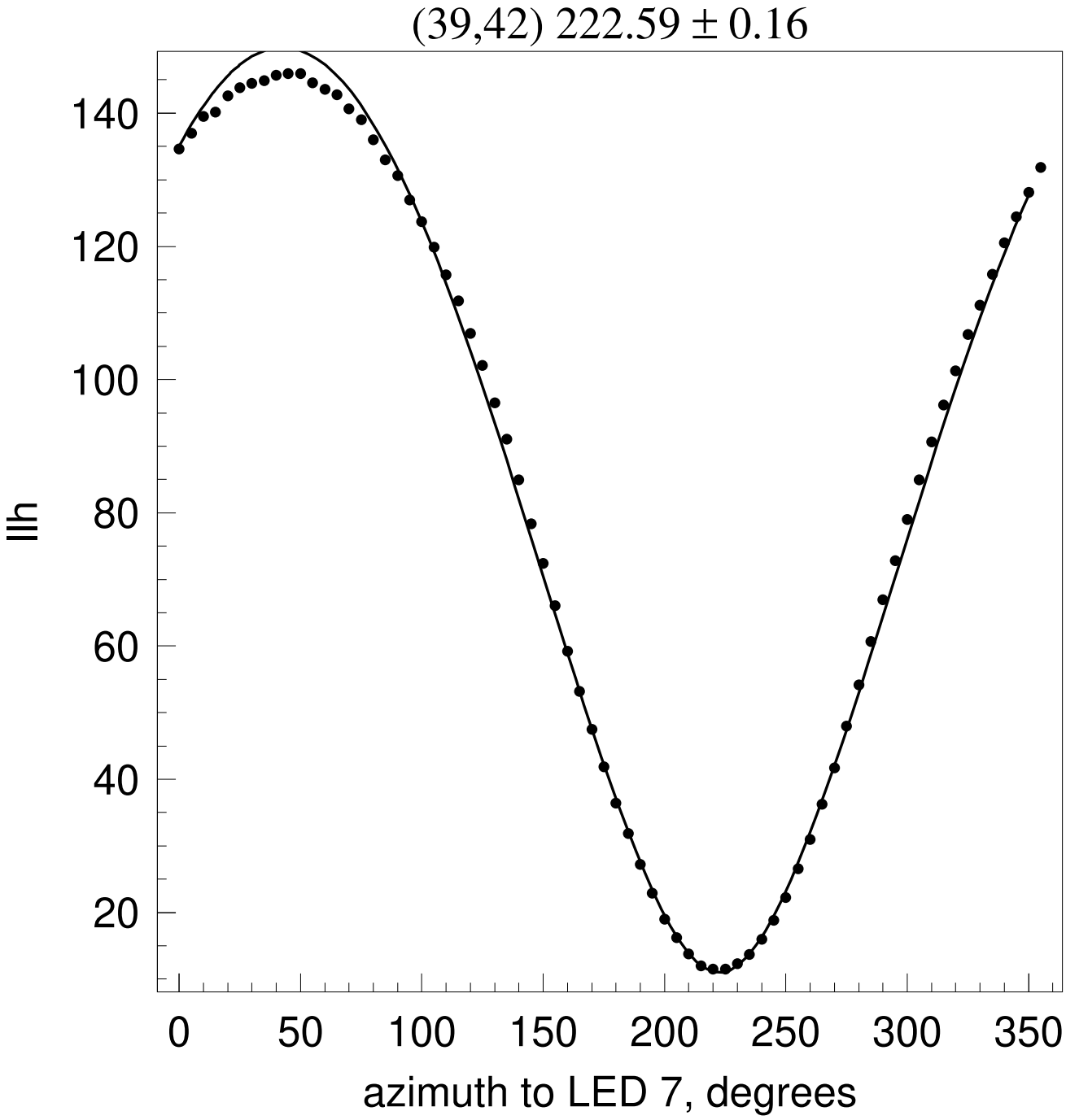

(39,37) 173.10 ± 7.37
15.8
15.6
15.4
15.2
15
14.8
14.6
14.4
14.2
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

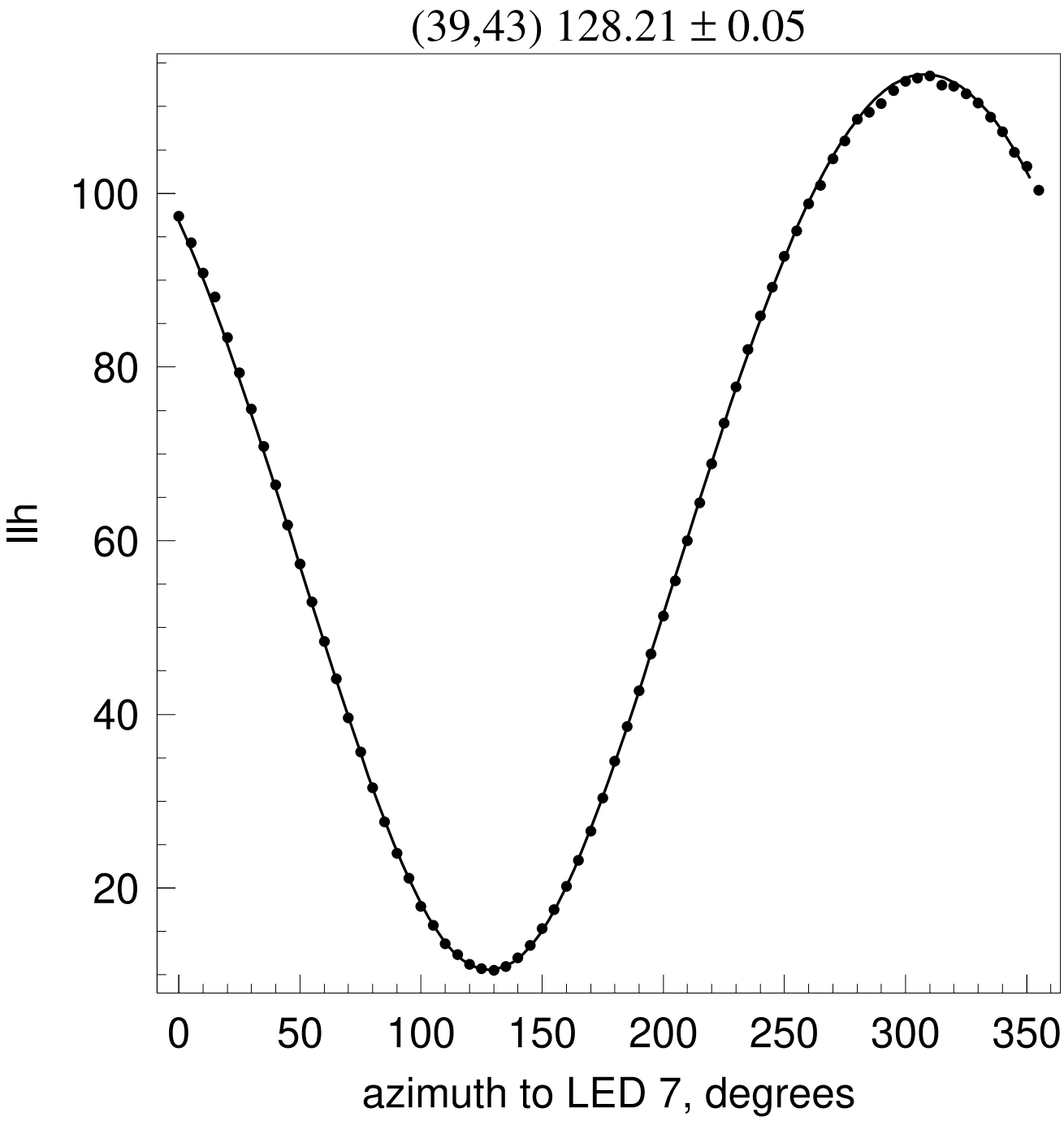

(39,38) 116.50 ± 0.40
19
18
17
16
15
14
13
12
11
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

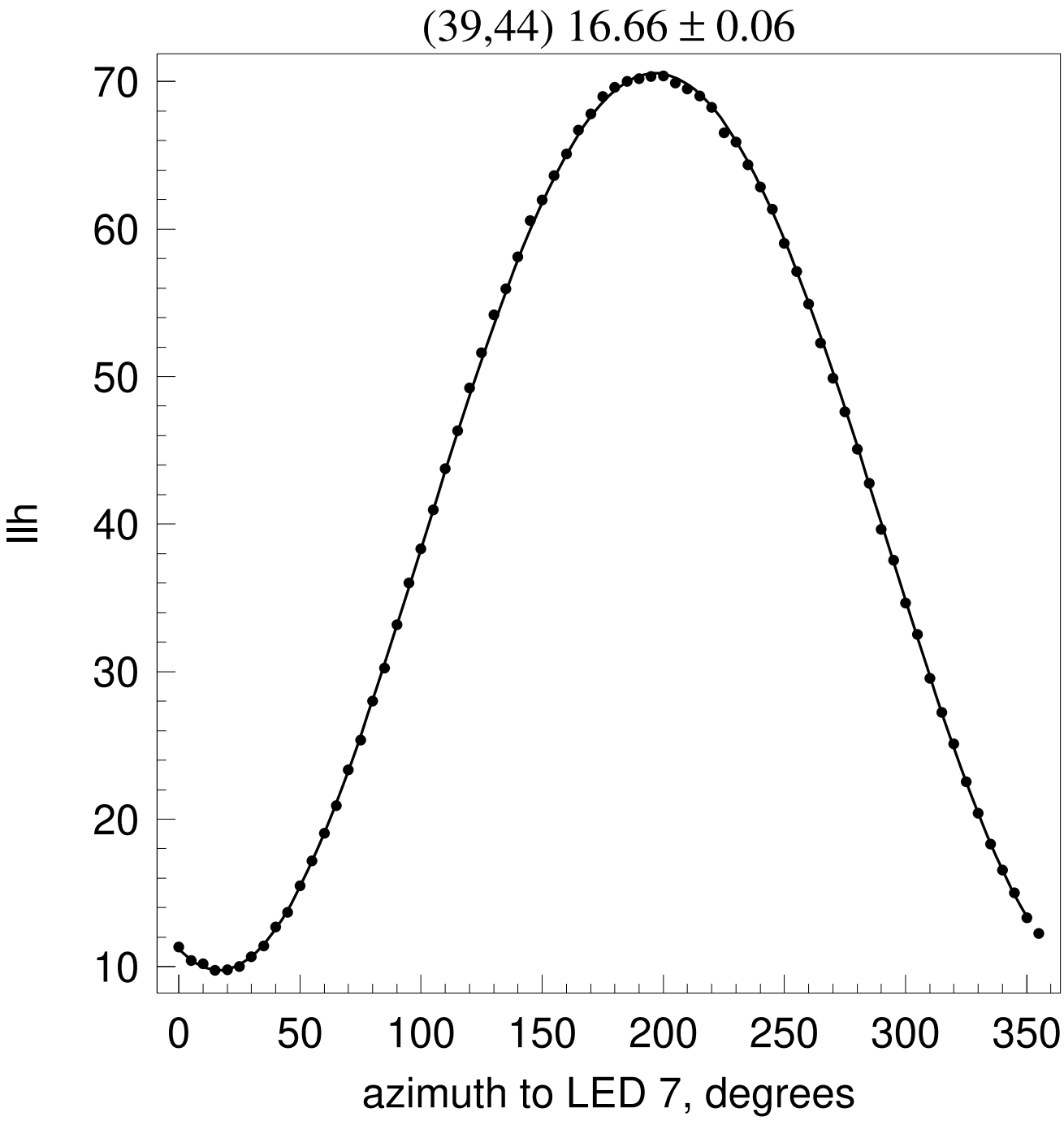

(39,39) 68.96 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

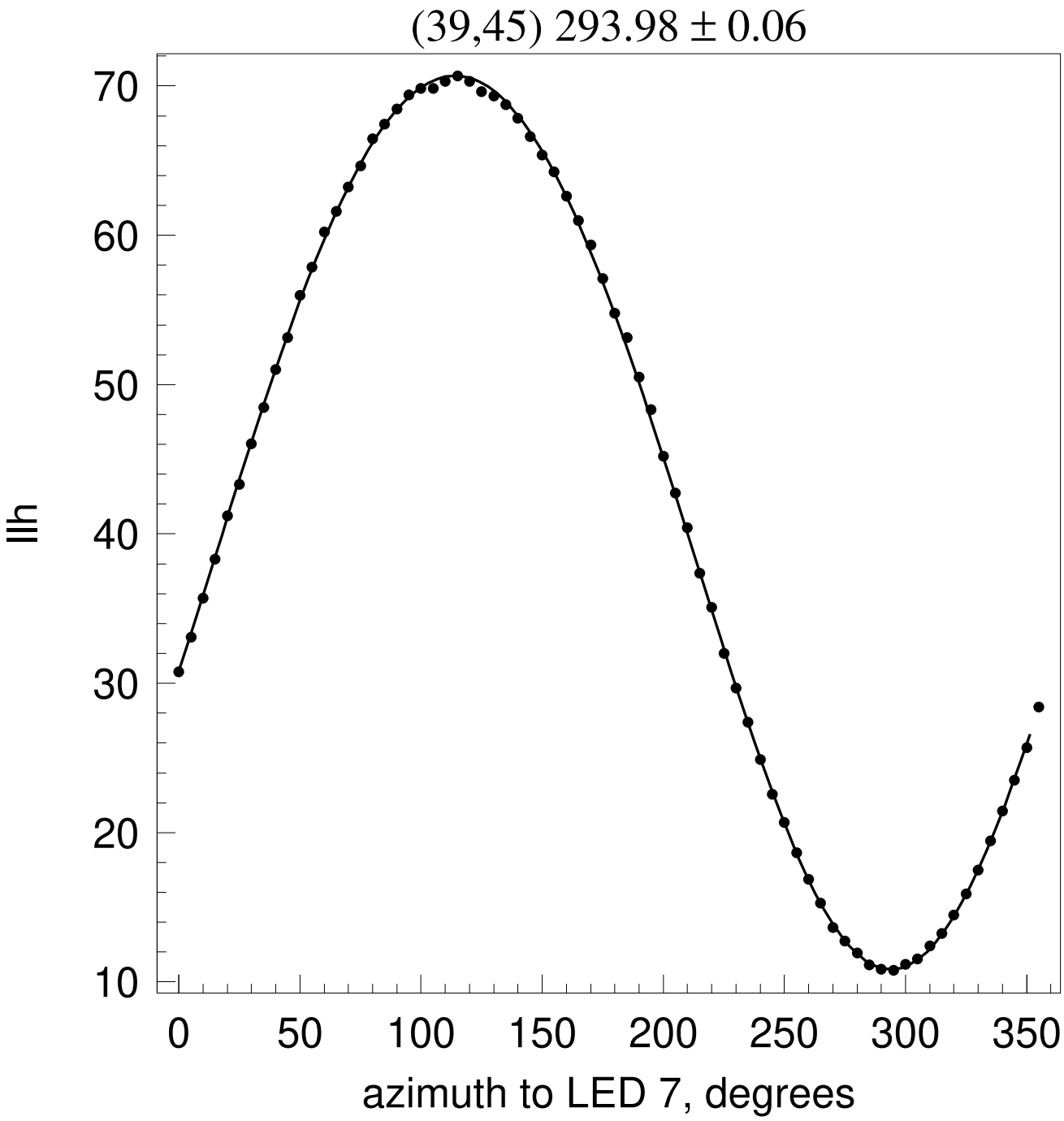

(39,40) 37.36 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

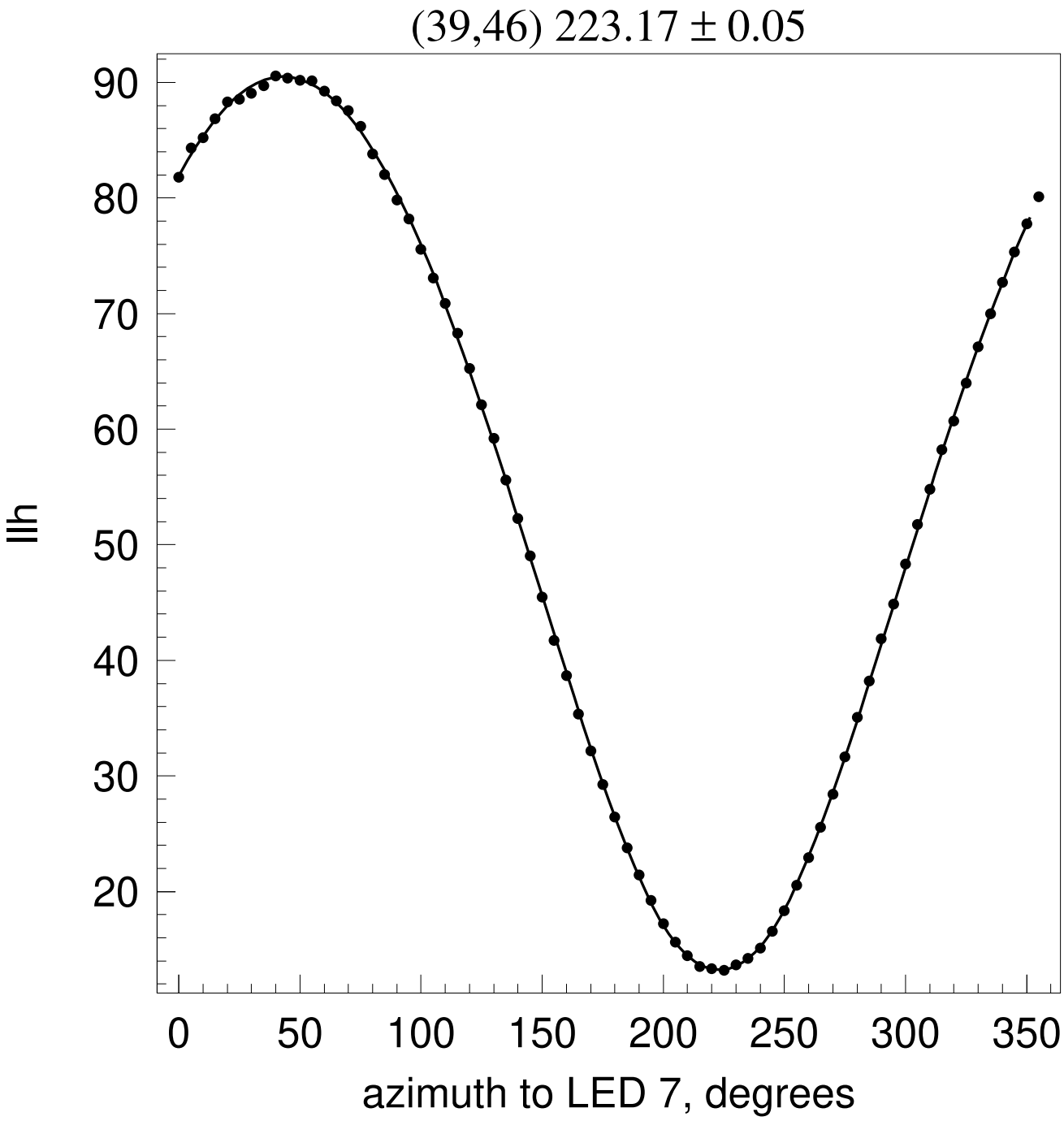

(39,41) 308.90 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

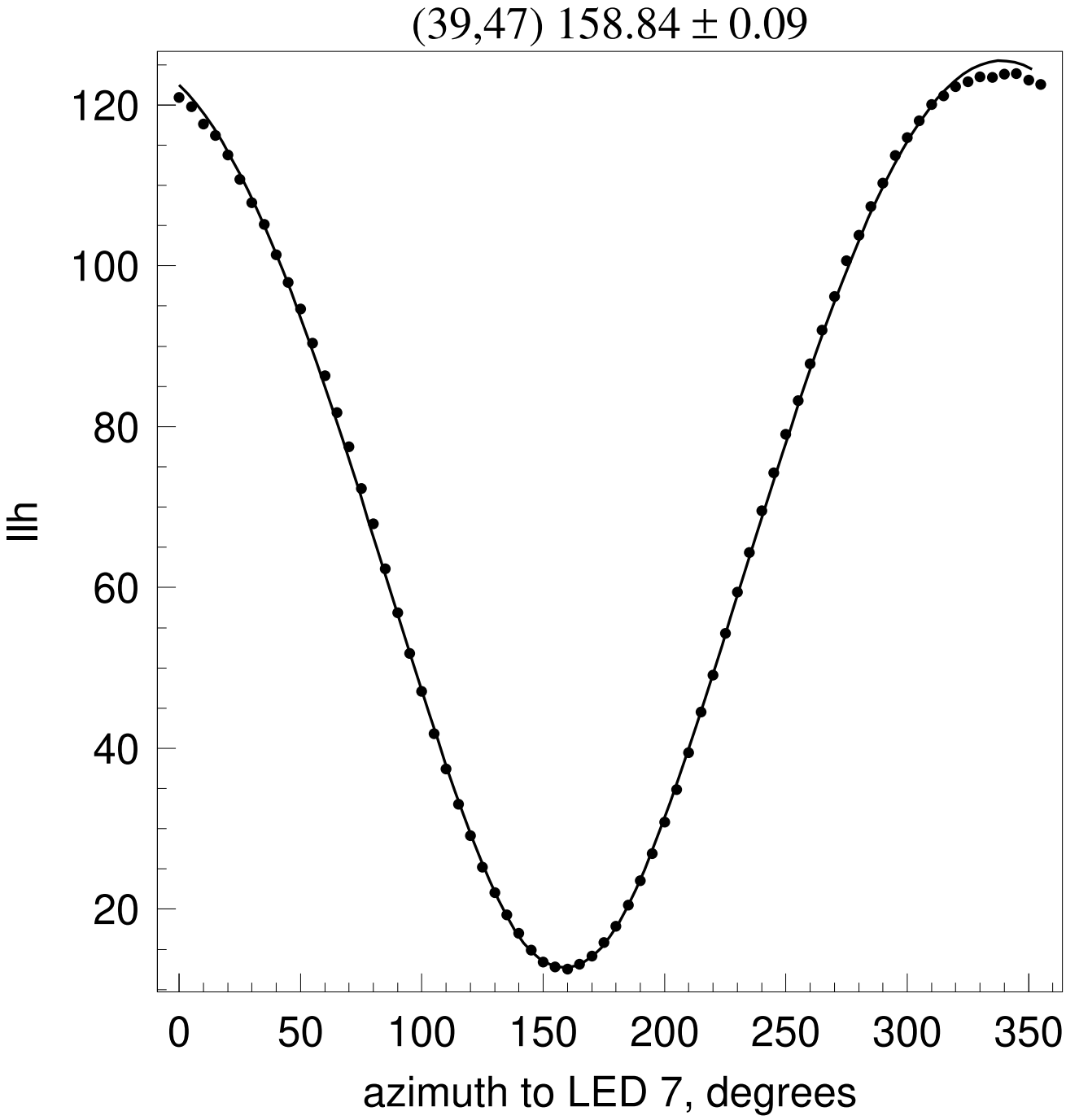

(39,42) 222.59 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

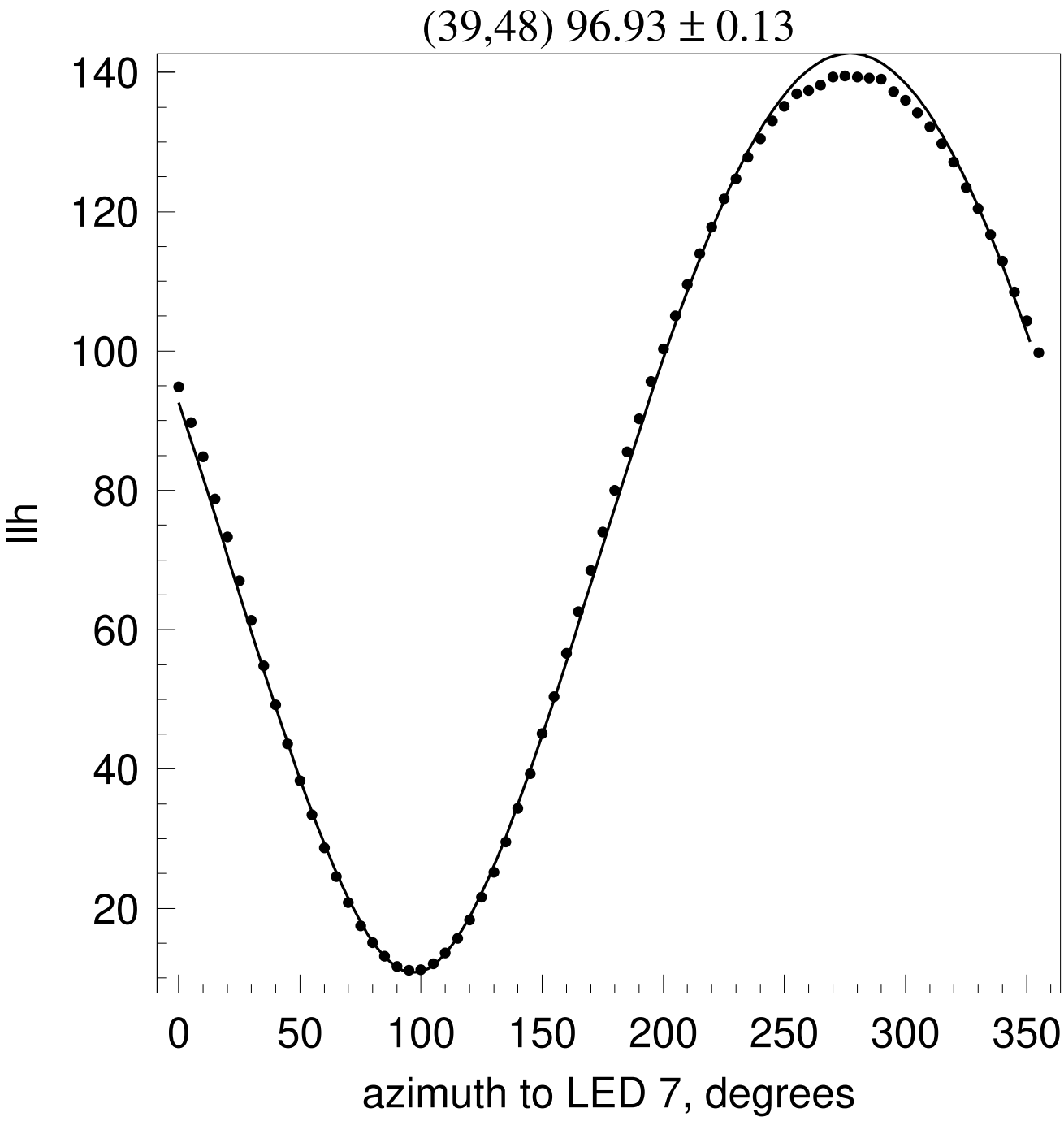

(39,43) 128.21 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

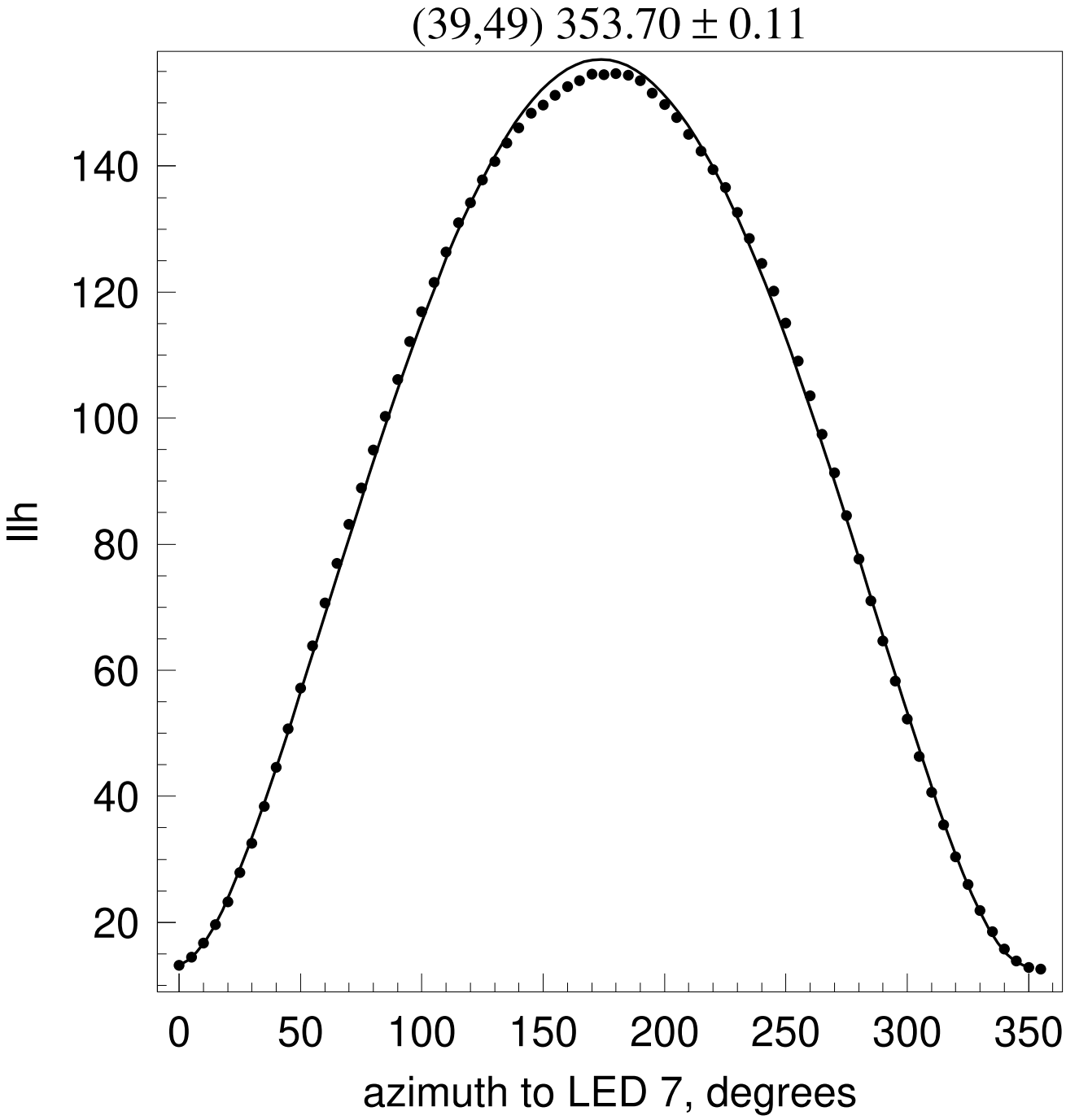

(39,44) 16.66 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

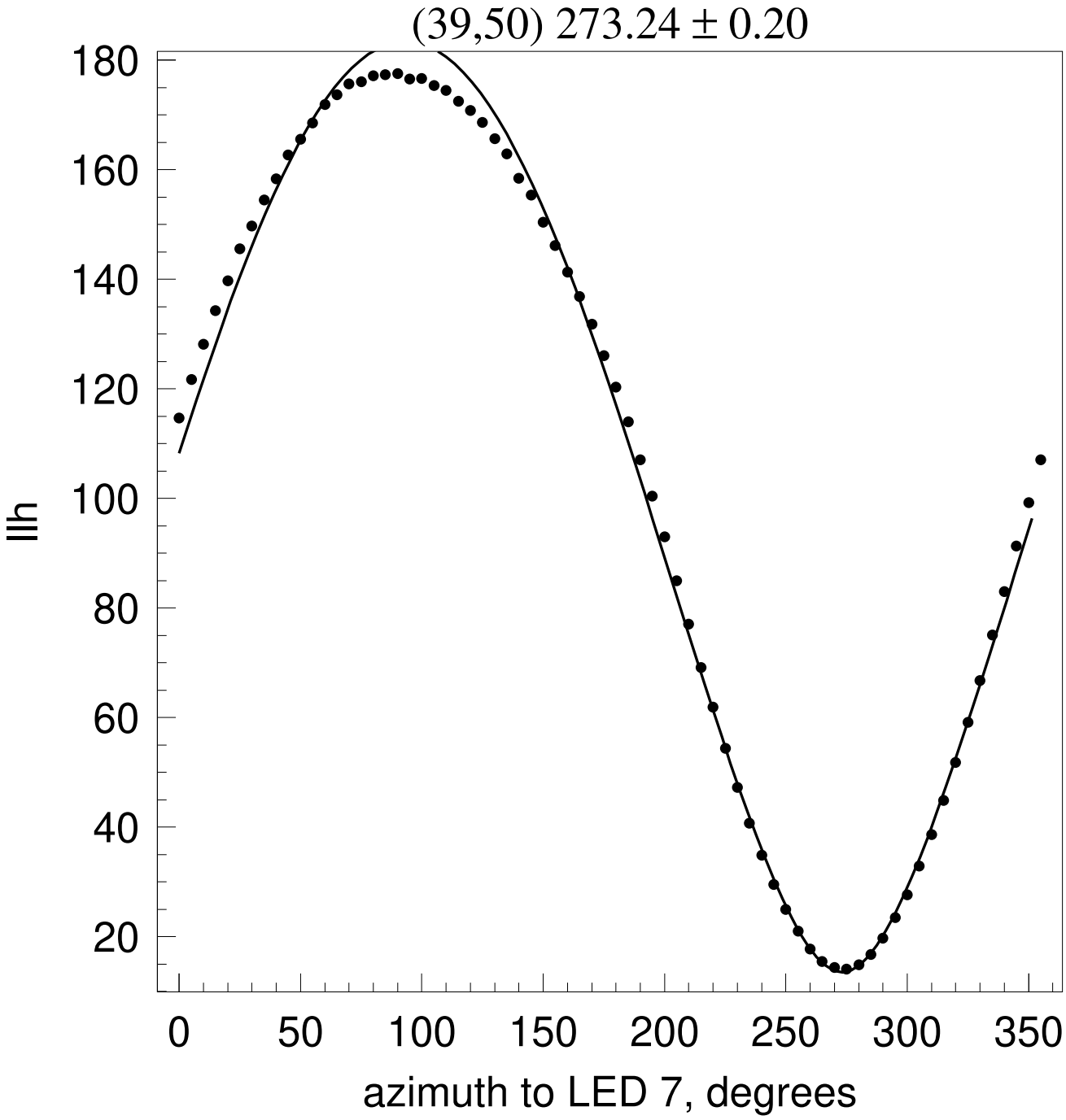

(39,45) 293.98 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

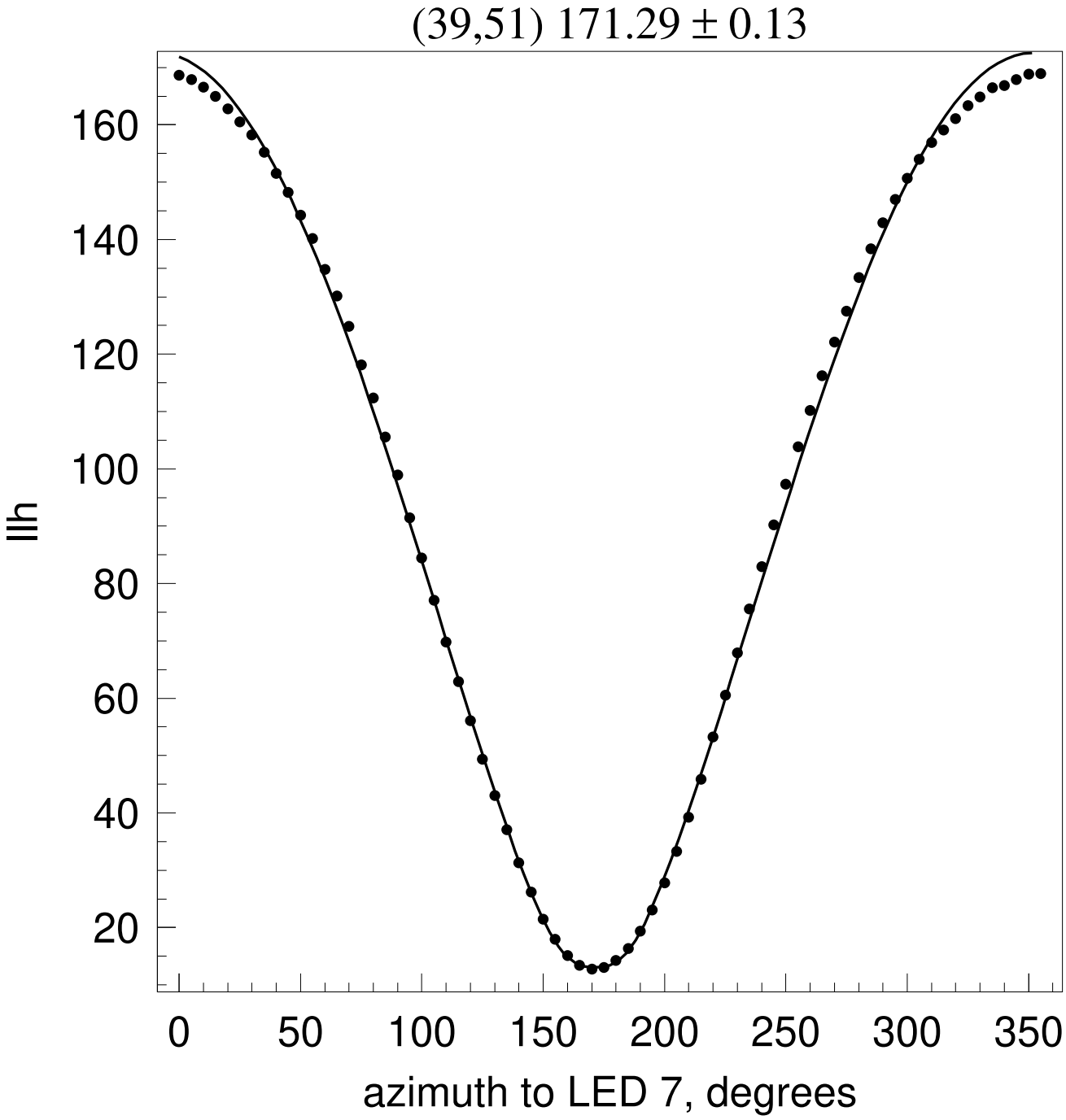

(39,46) 223.17 ± 0.05
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

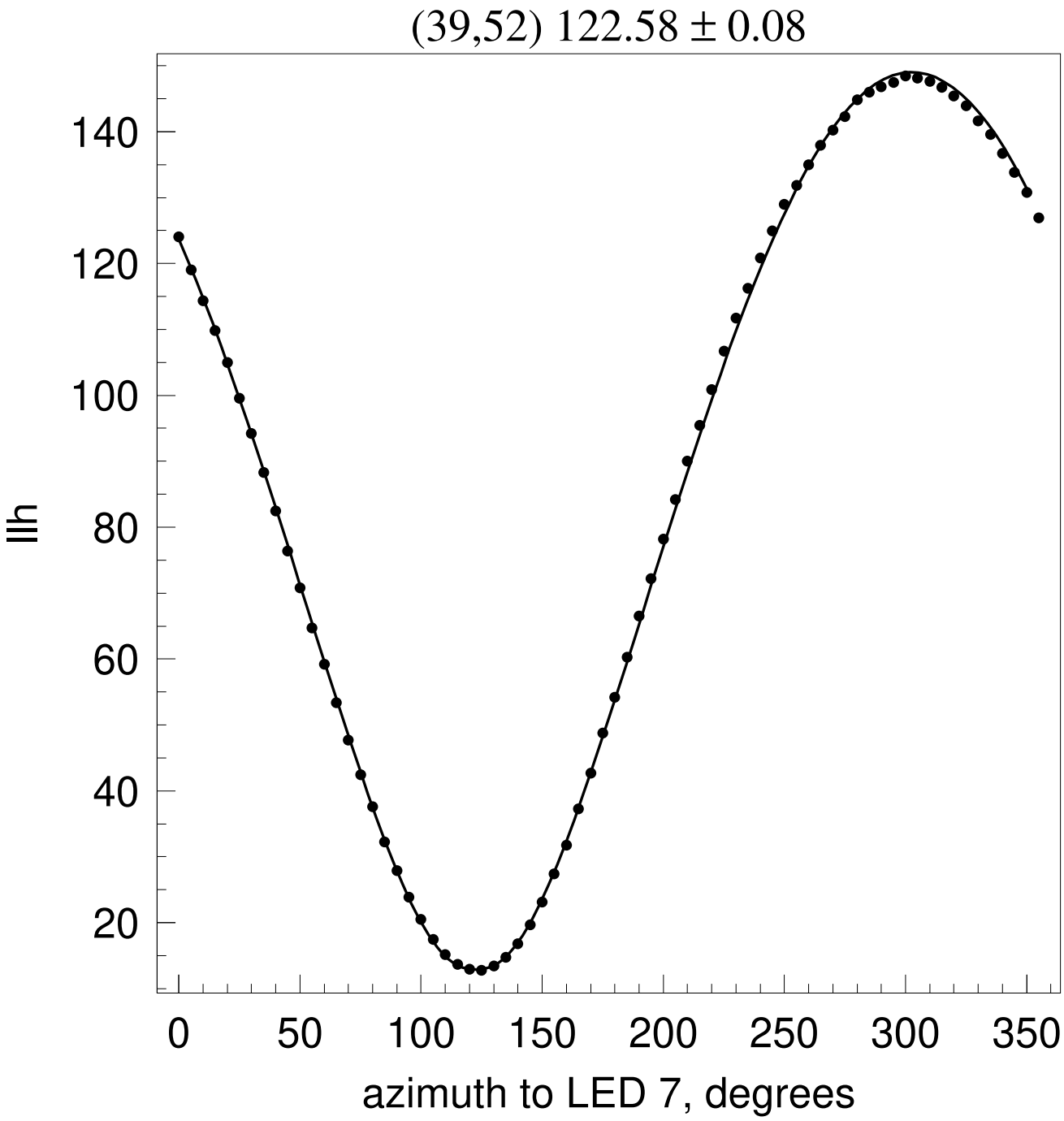

(39,47) 158.84 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

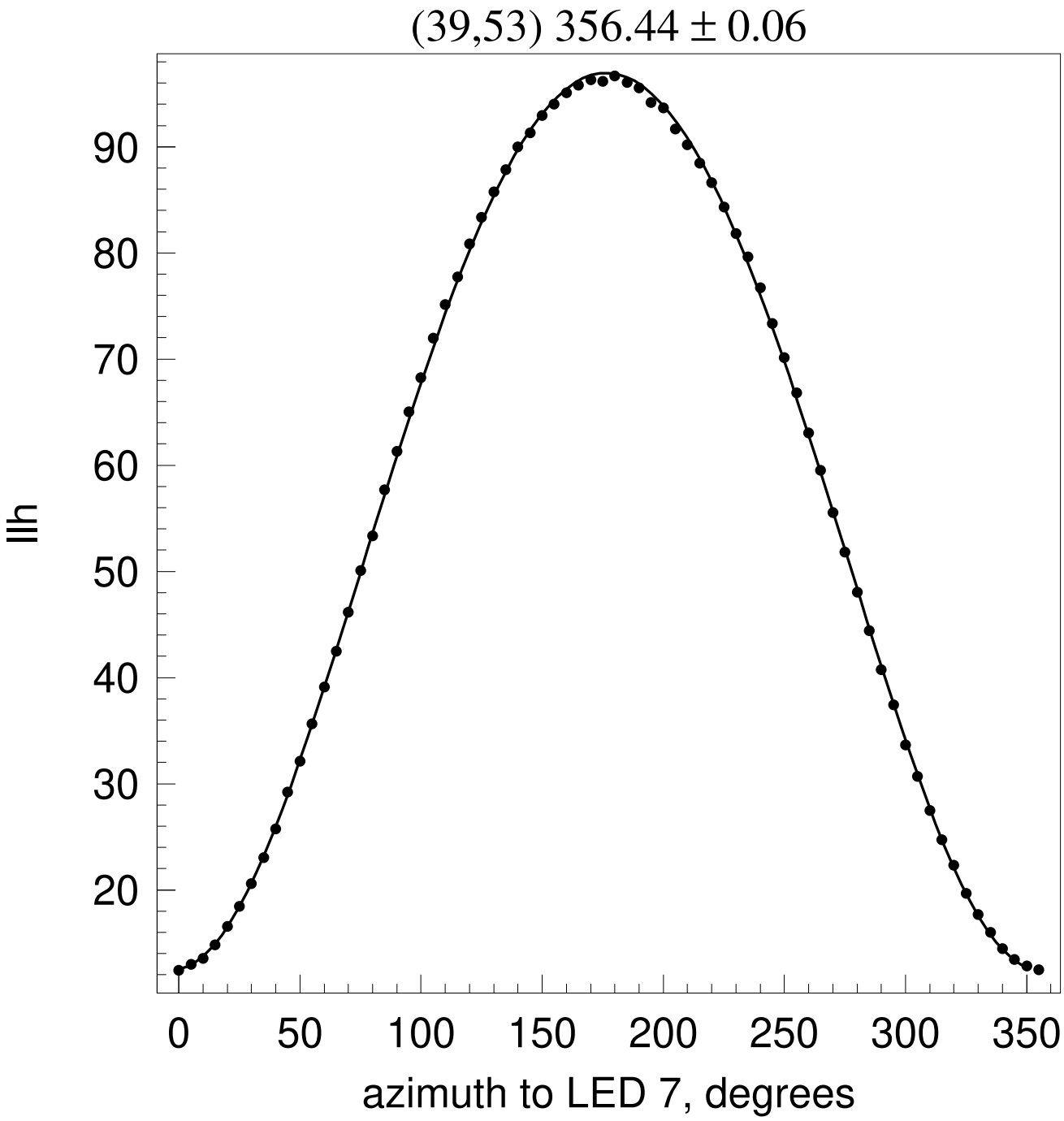

(39,48) 96.93 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

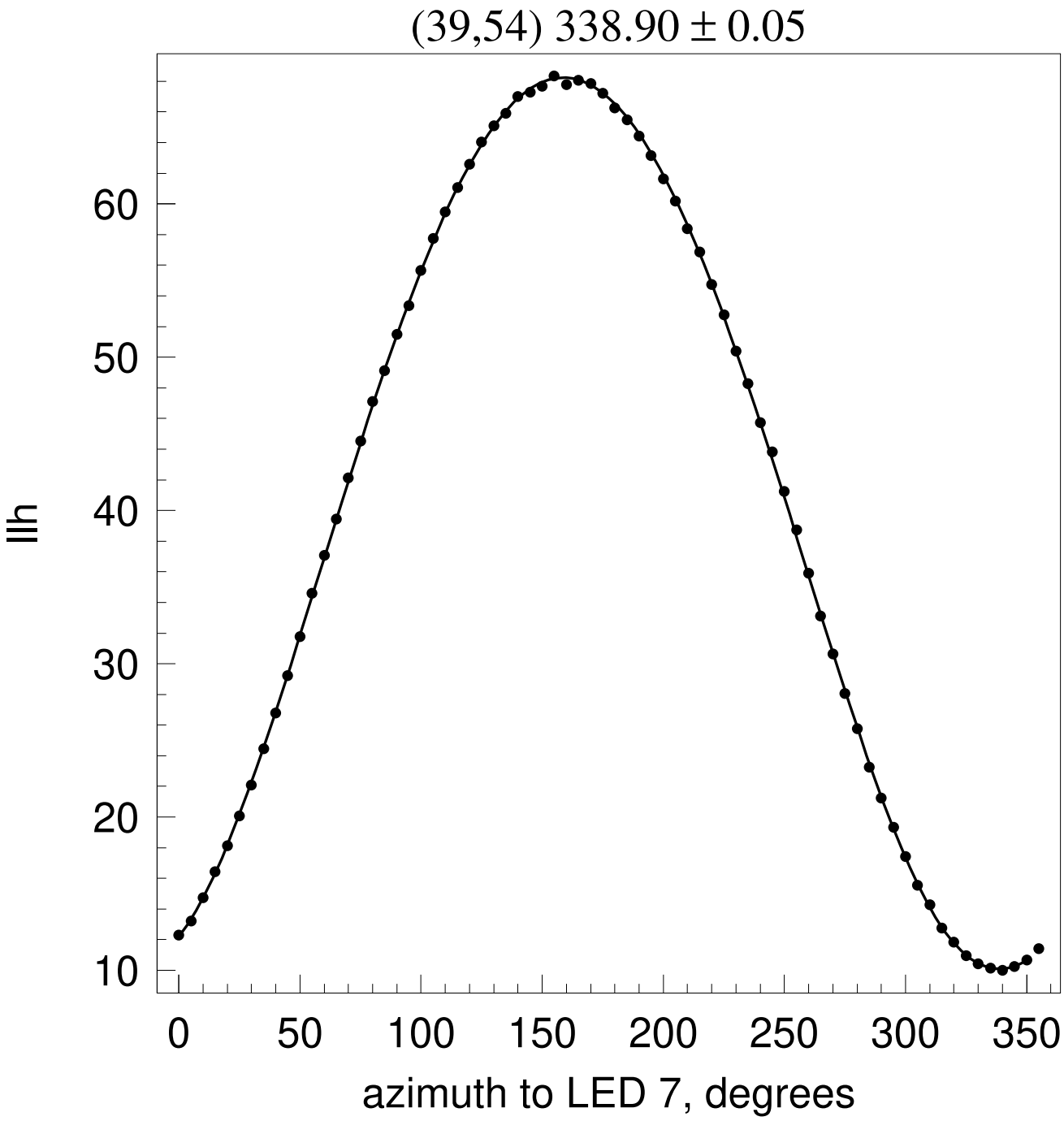

(39,49) 353.70 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

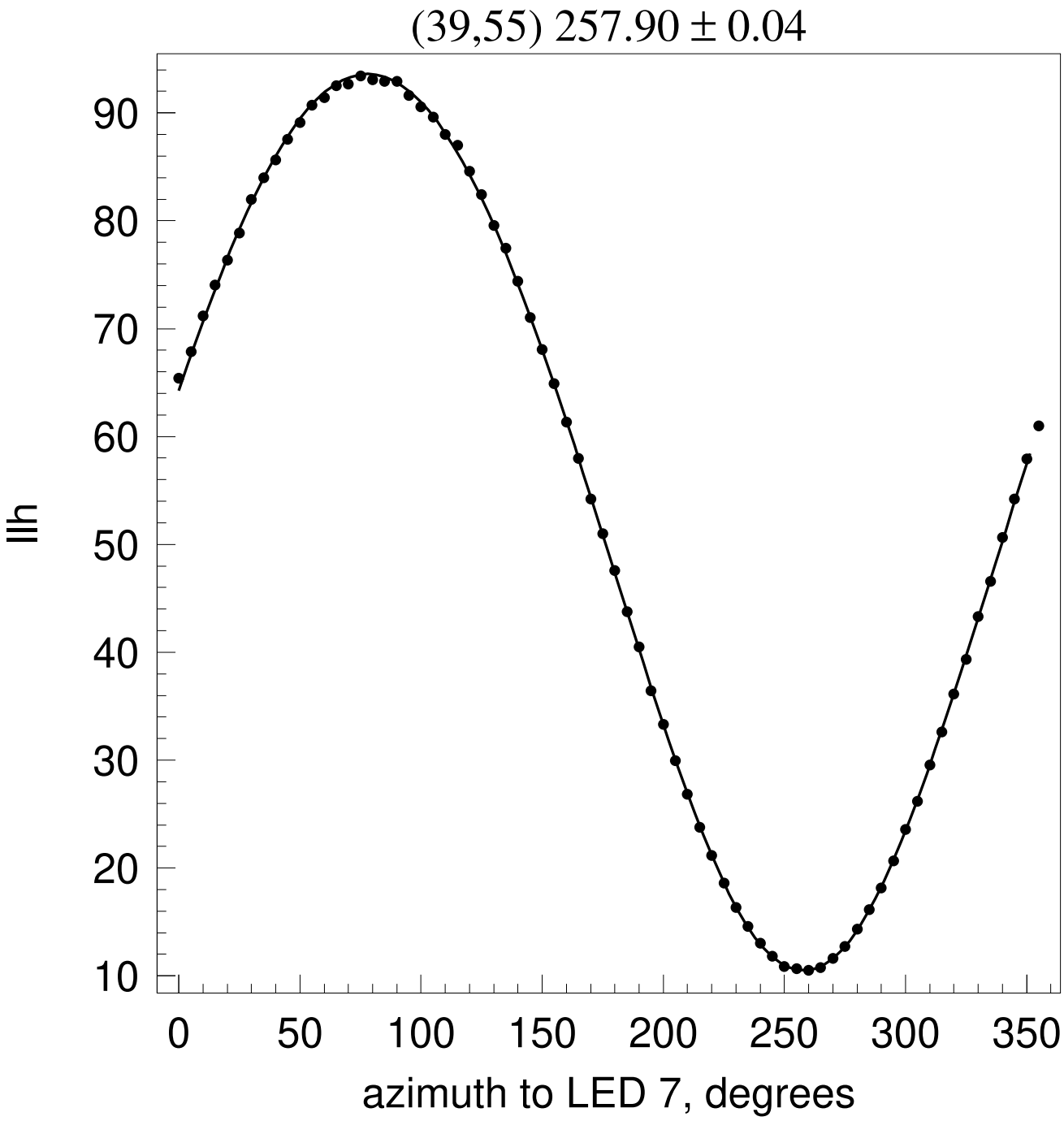

(39,50) 273.24 ± 0.20
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

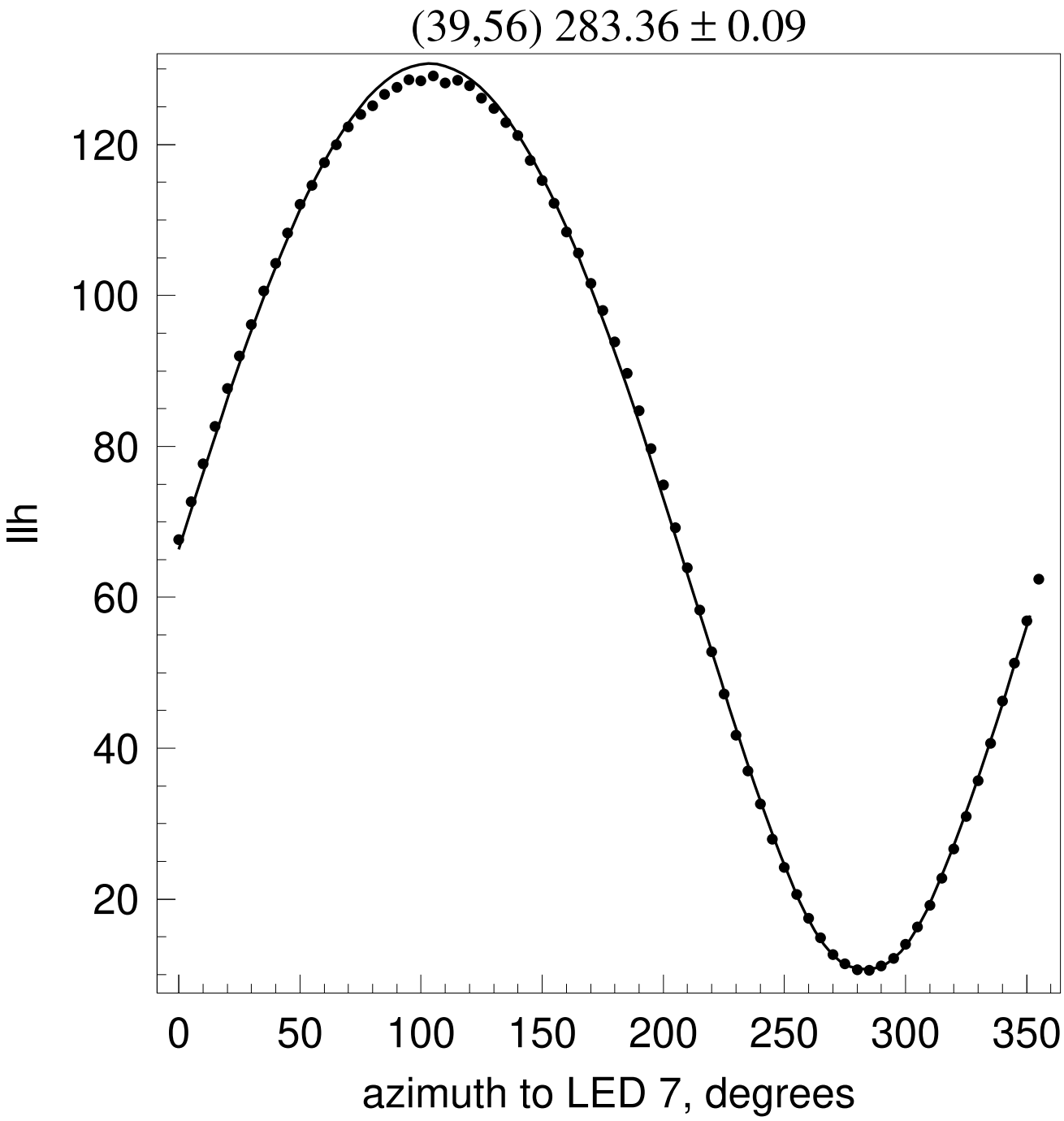

(39,51) 171.29 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

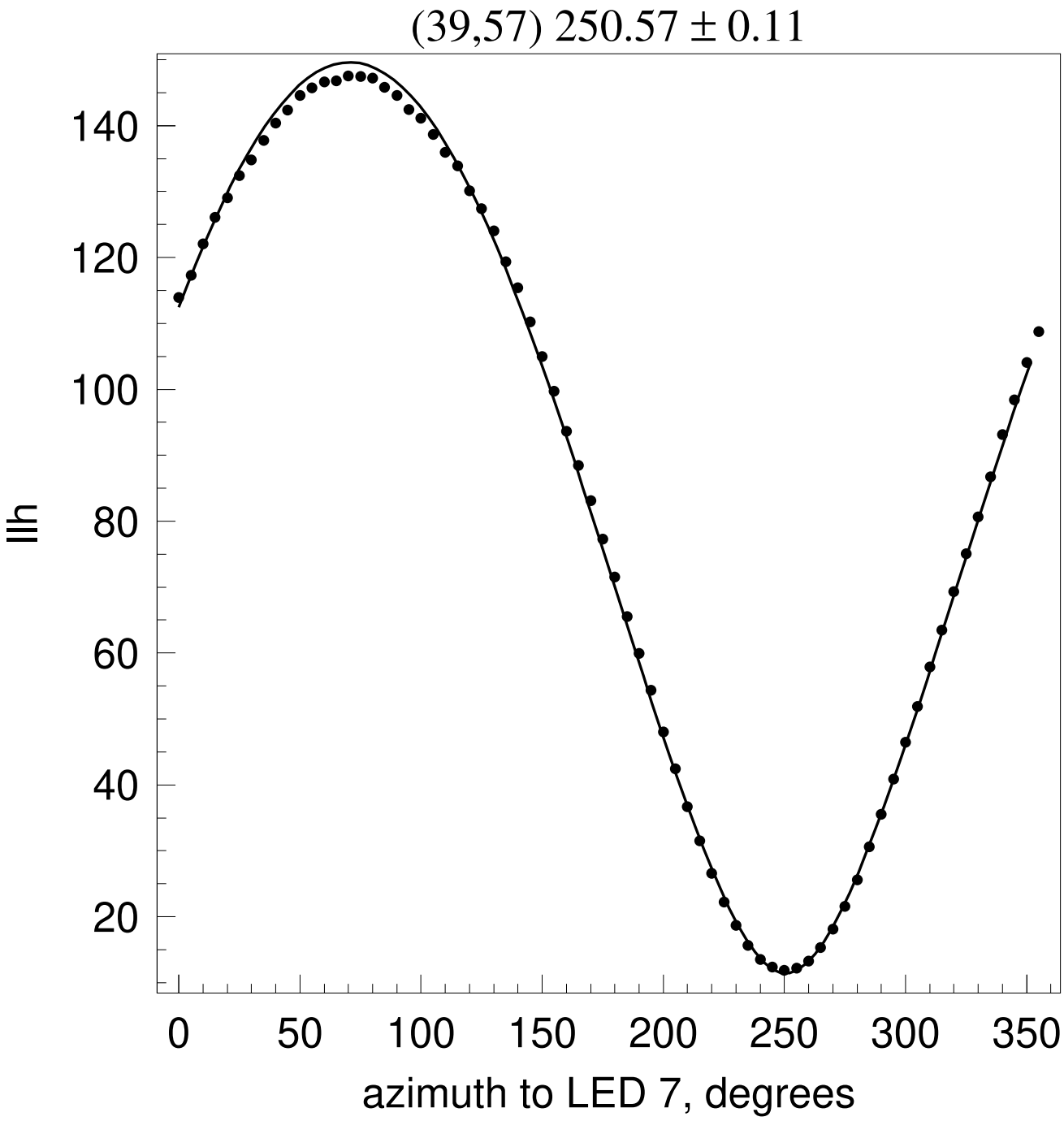

(39,52) 122.58 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

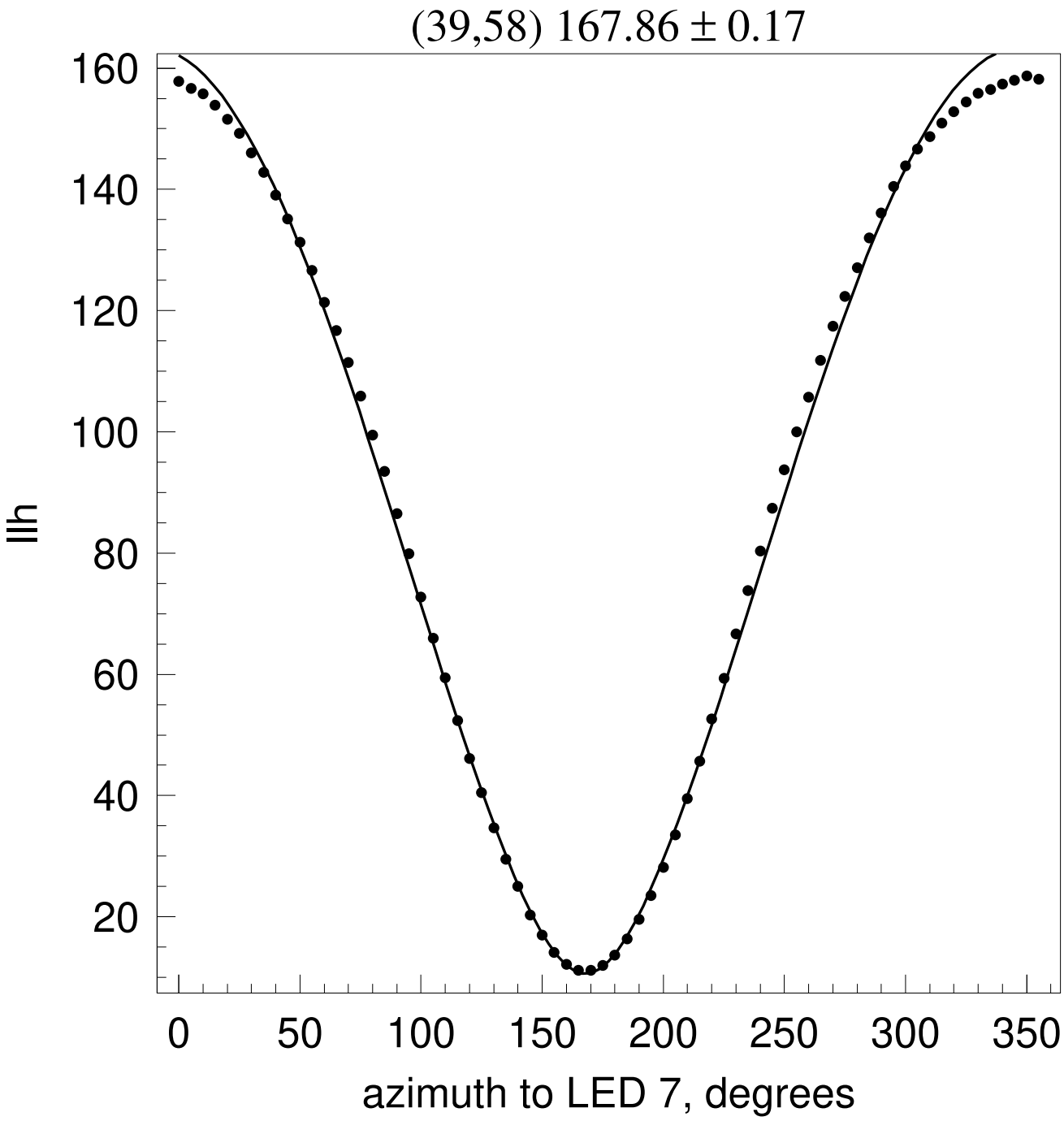

(39,53) 356.44 ± 0.06
llh
90
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

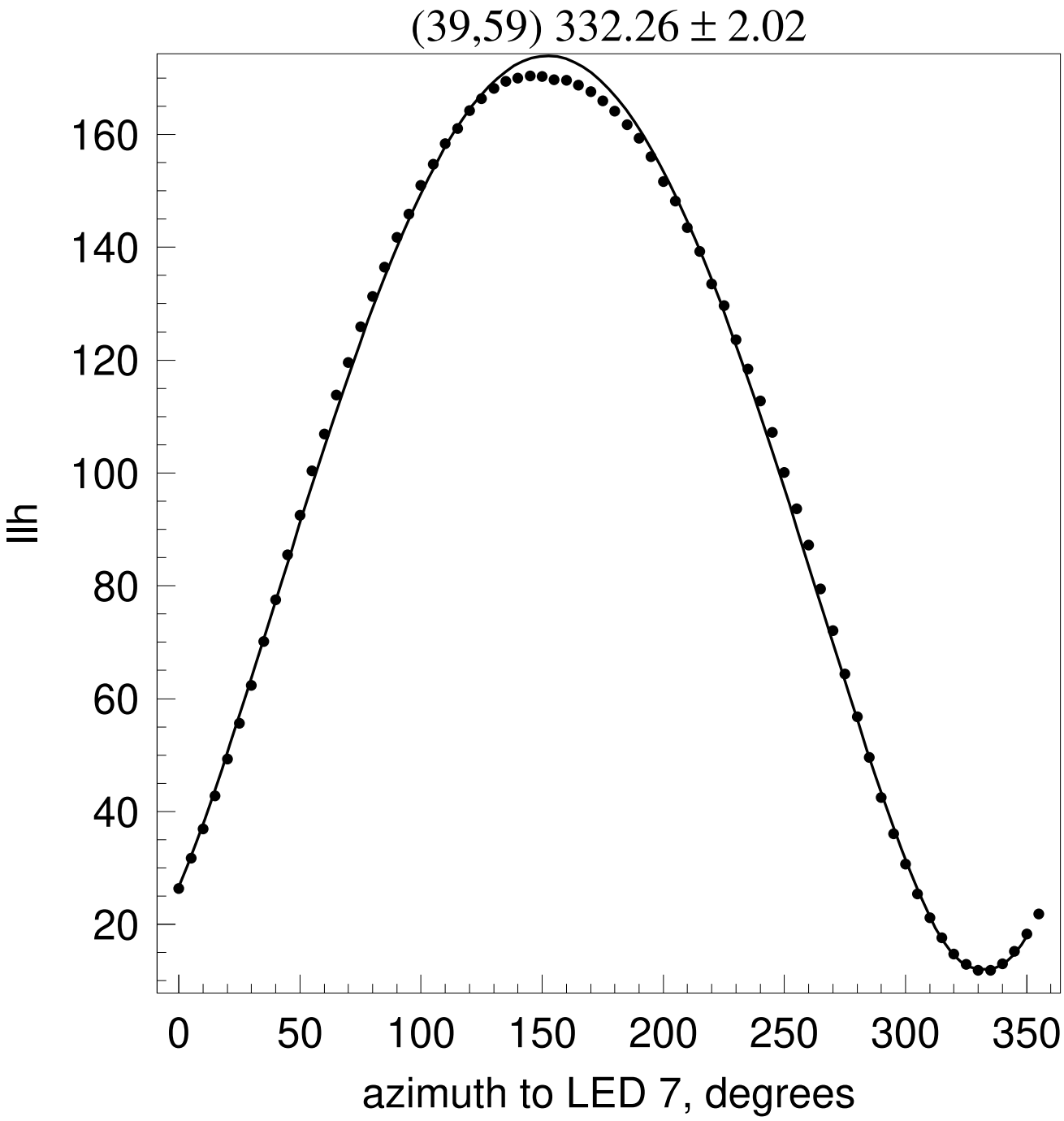

(39,54) 338.90 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

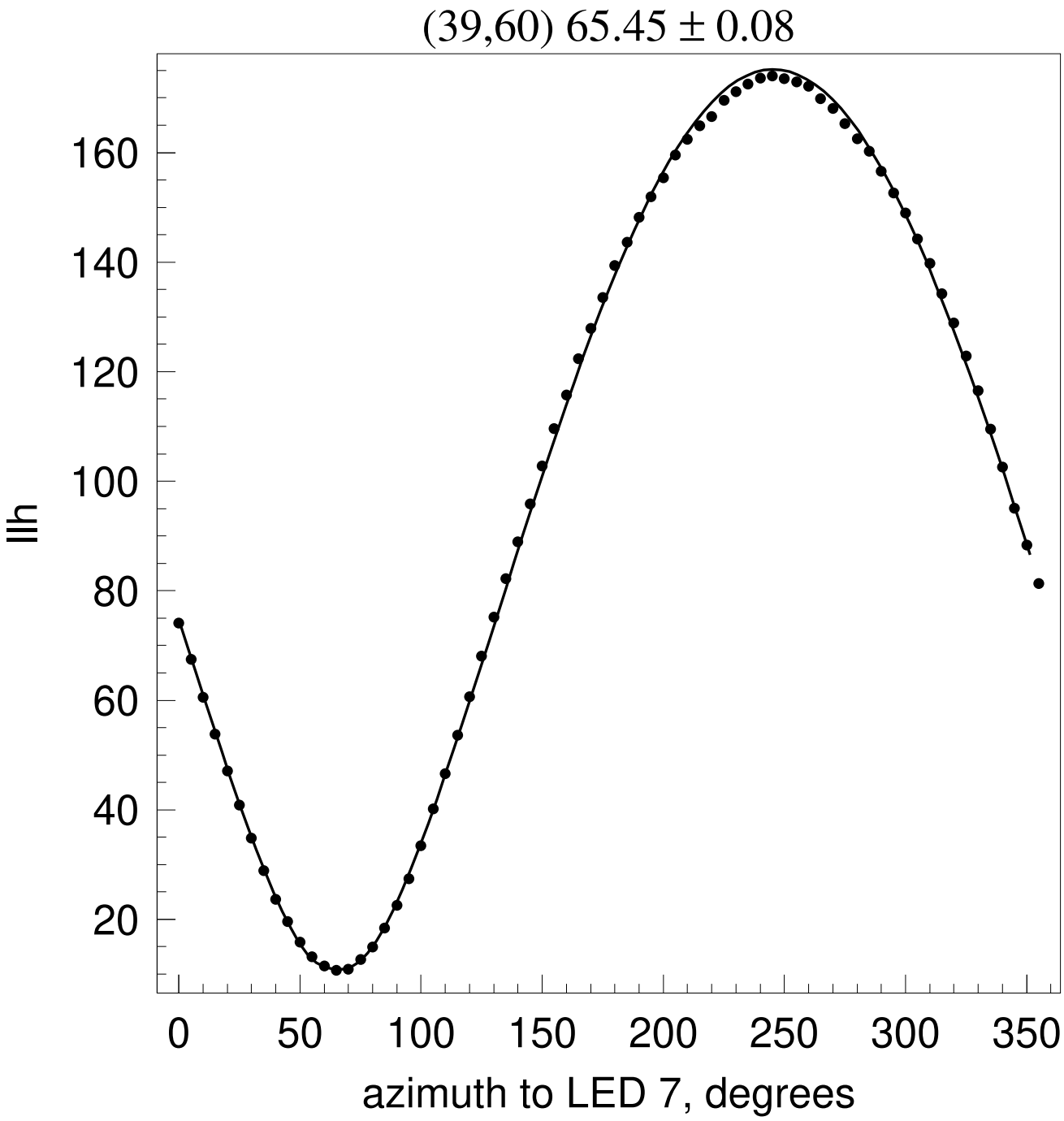

(39,55) 257.90 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

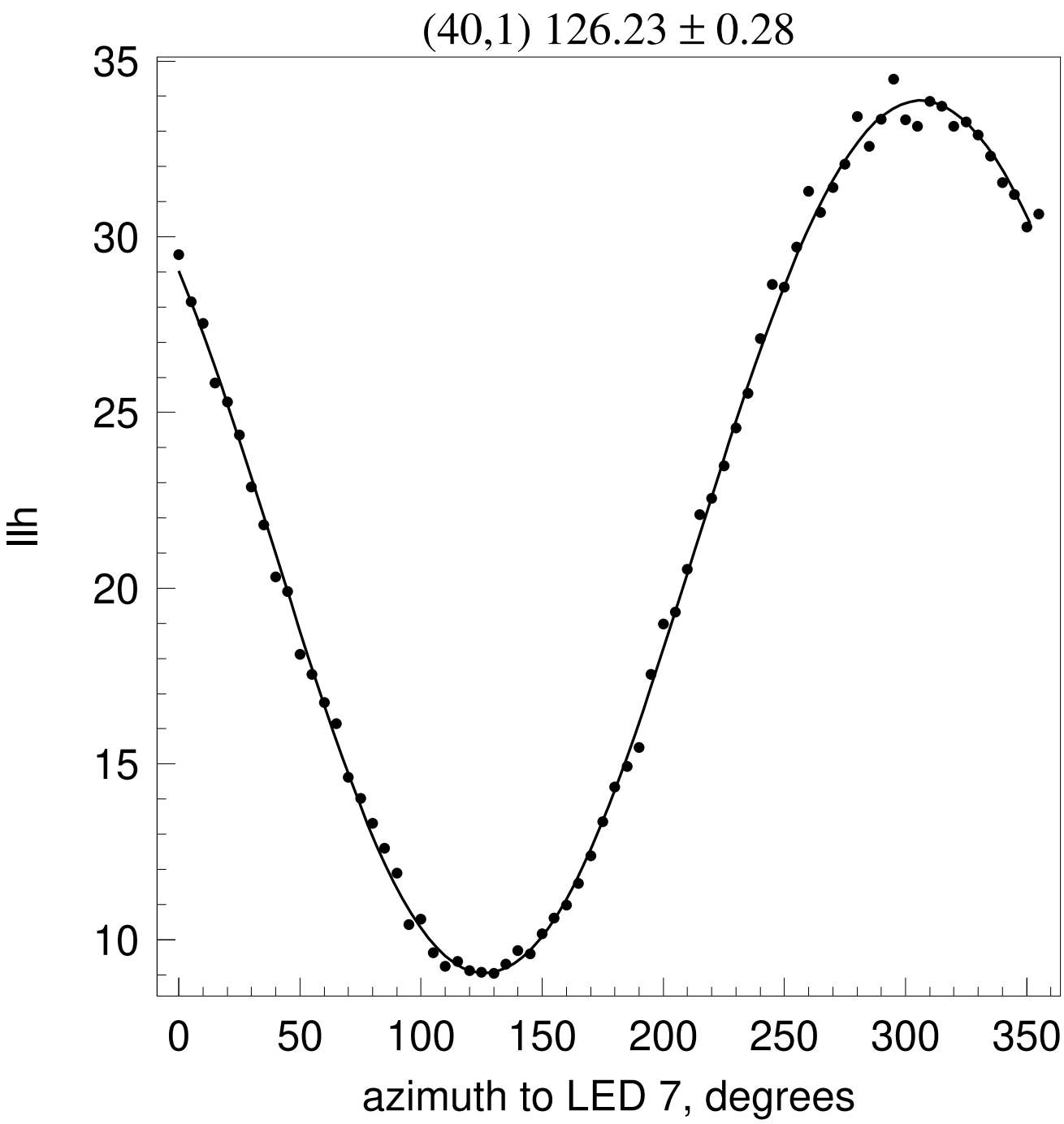

(39,56) 283.36 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

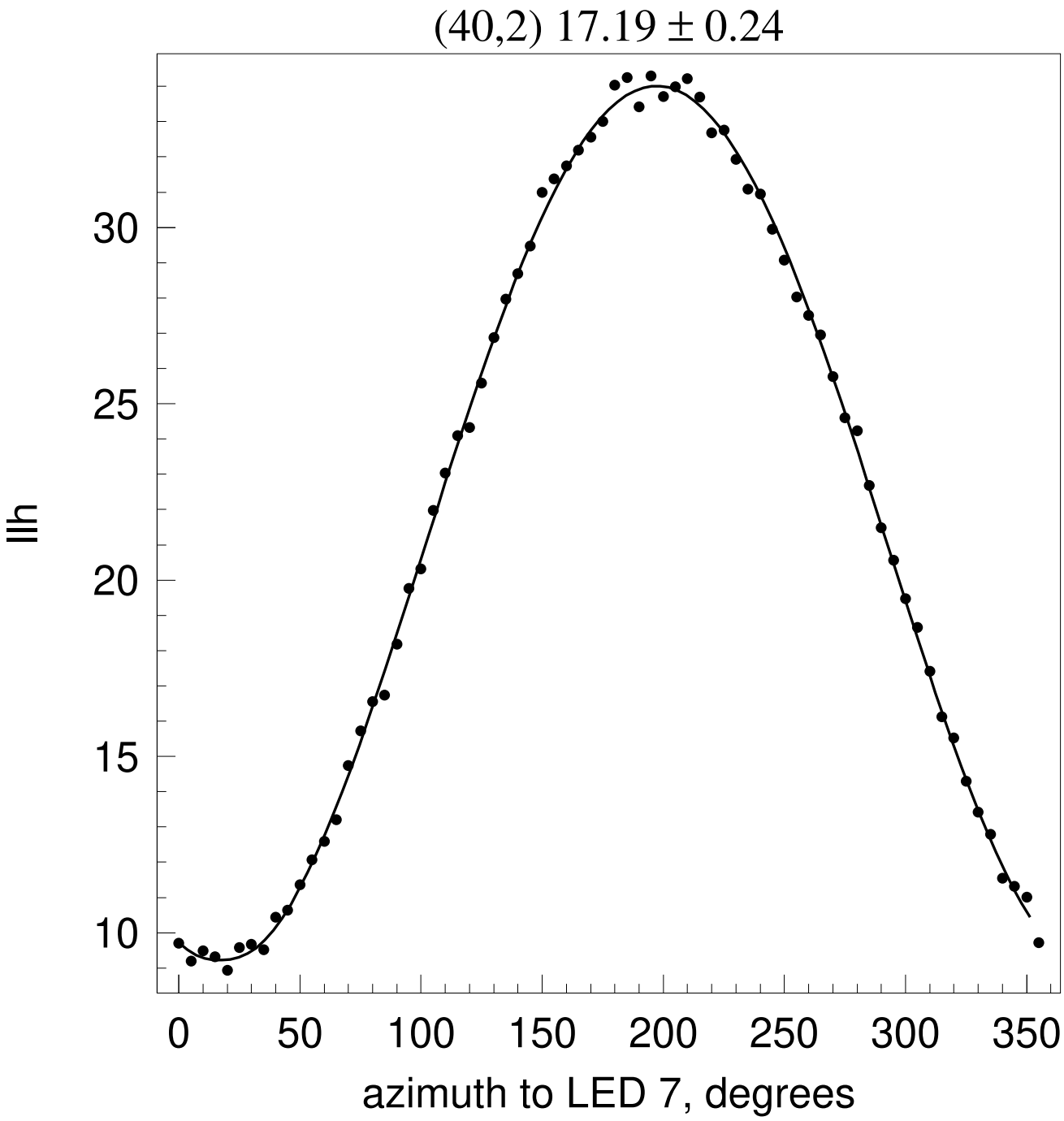

(39,57) 250.57 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

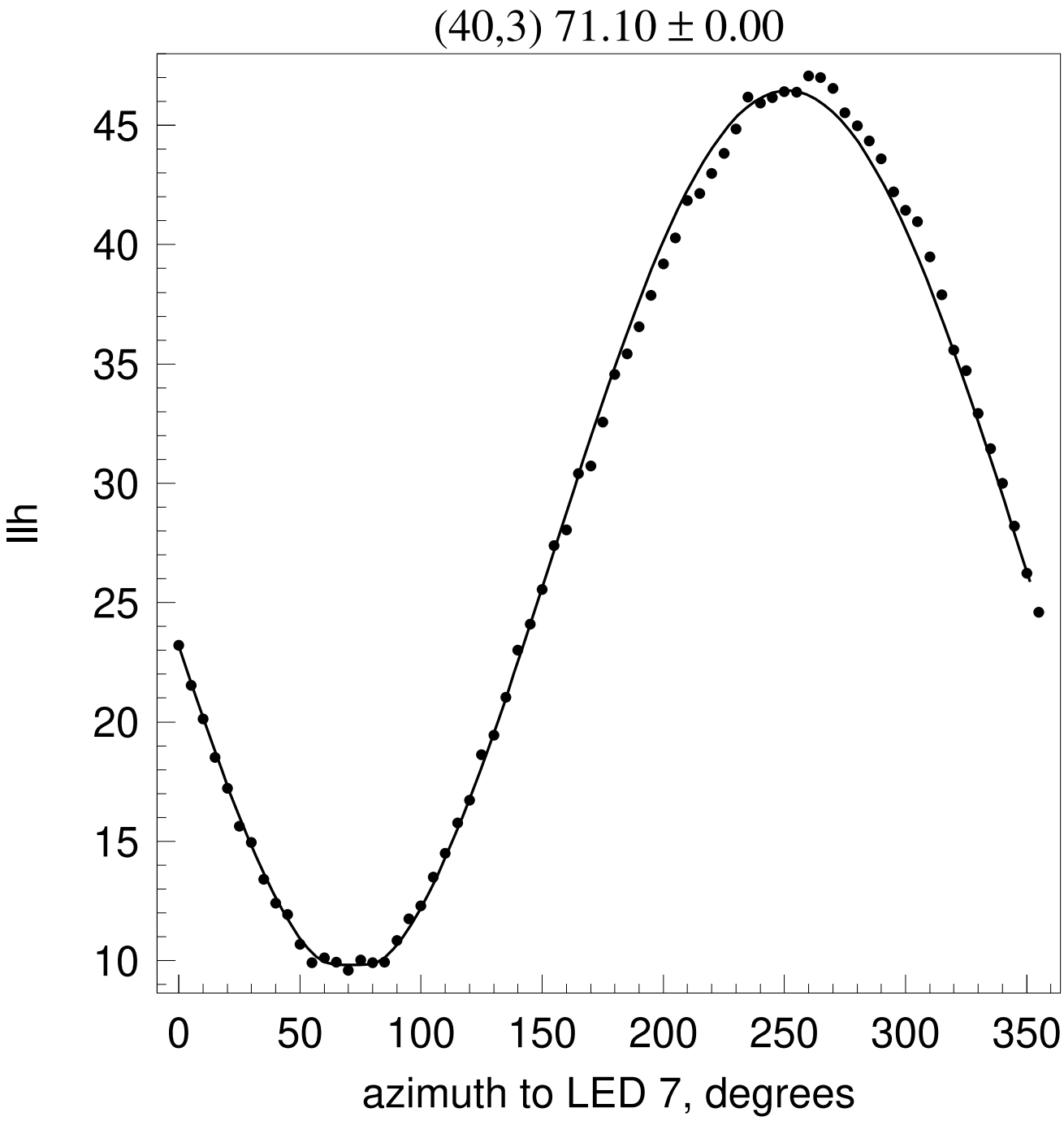

(39,58) 167.86 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

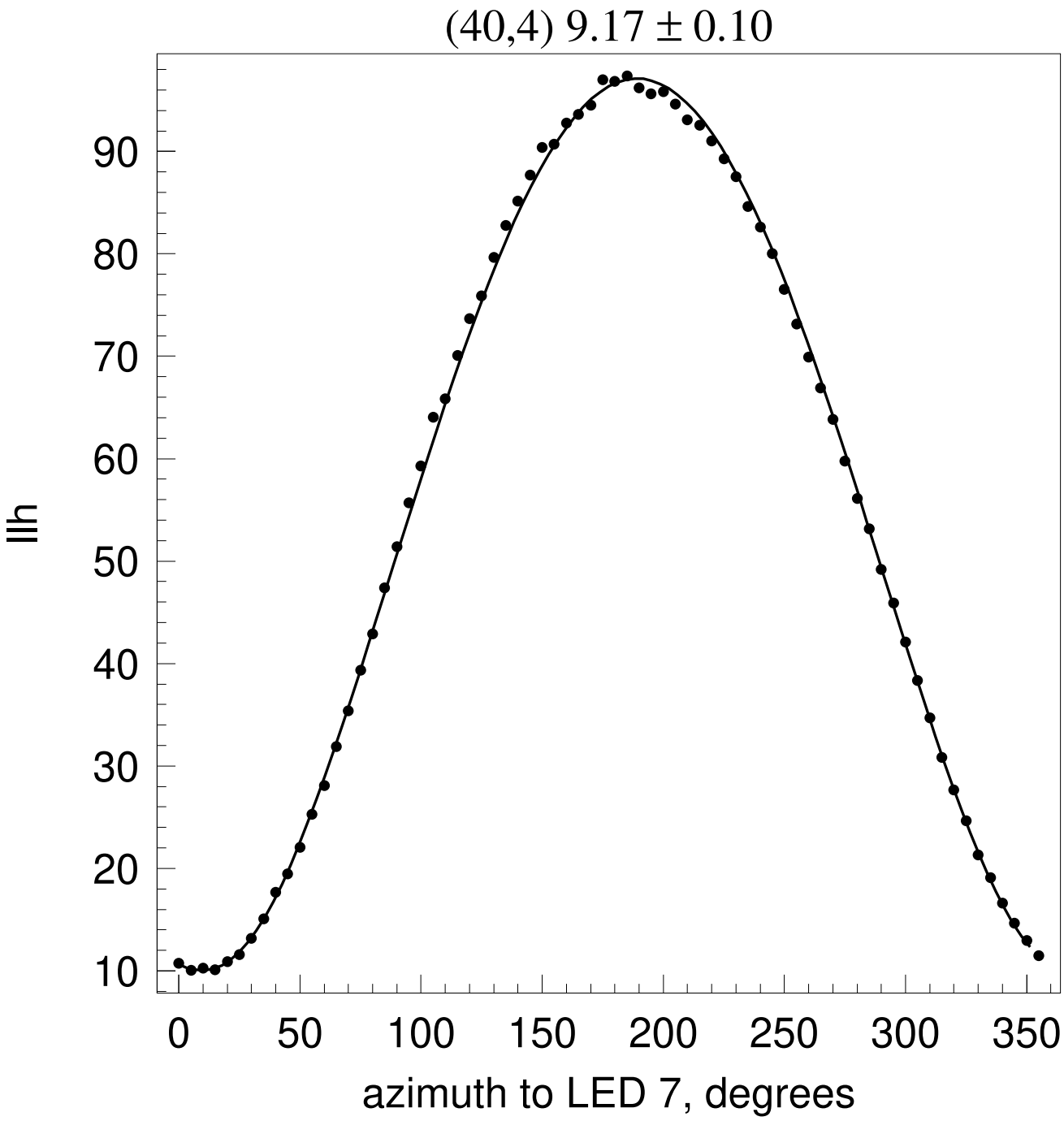

(39,59) 332.26 ± 2.02
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

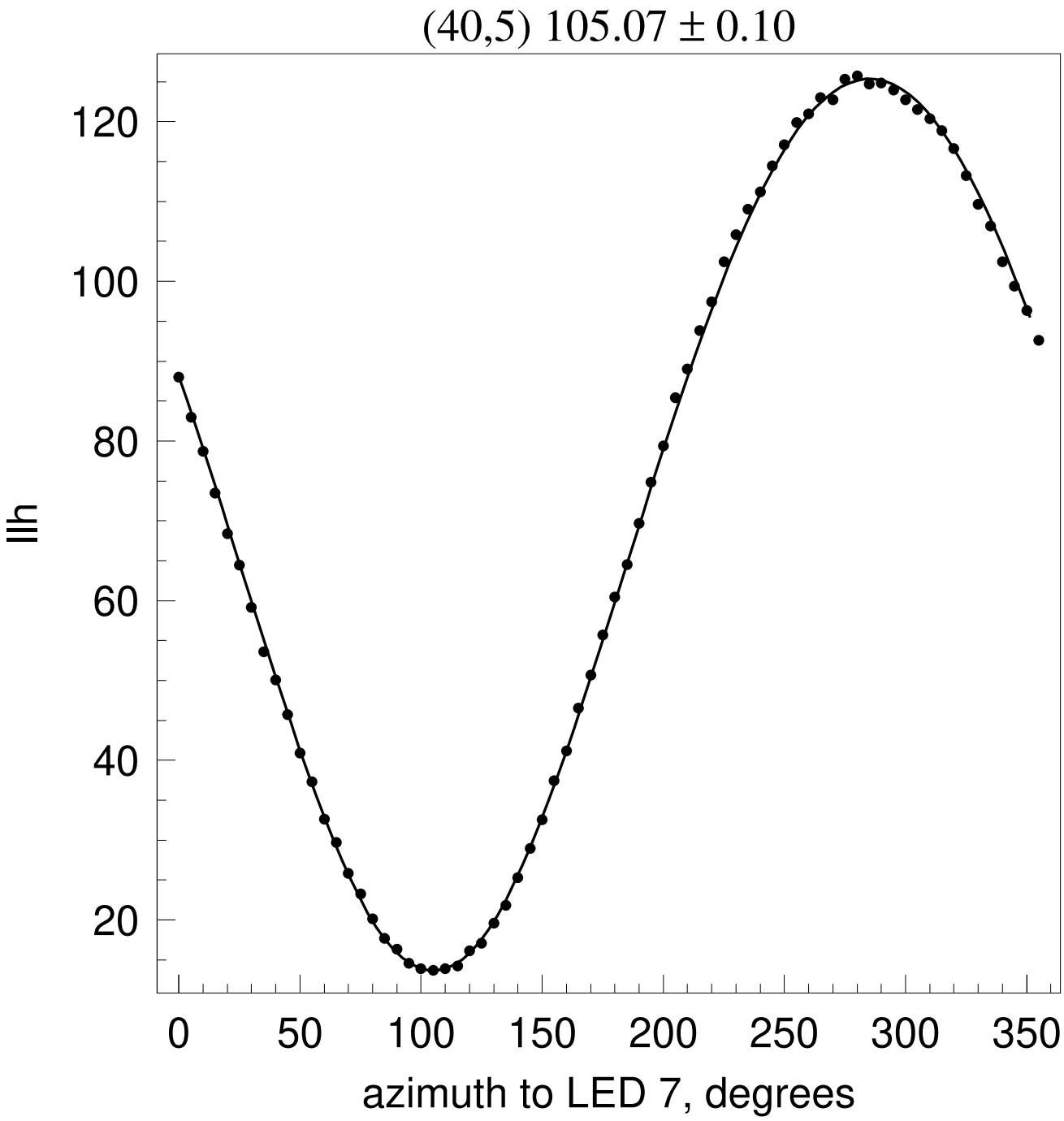

(39,60) 65.45 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

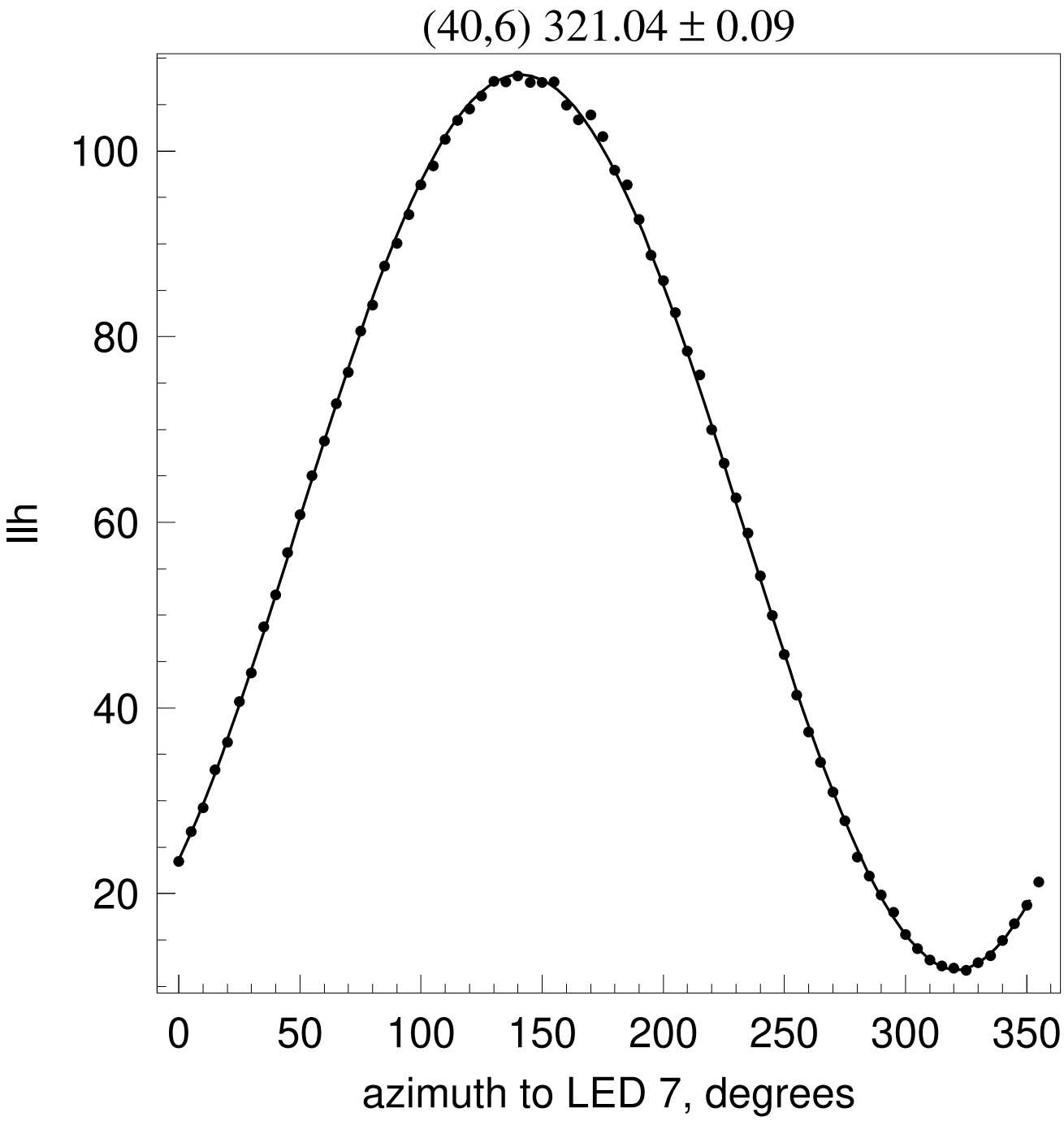

(40,1) 126.23 ± 0.28
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

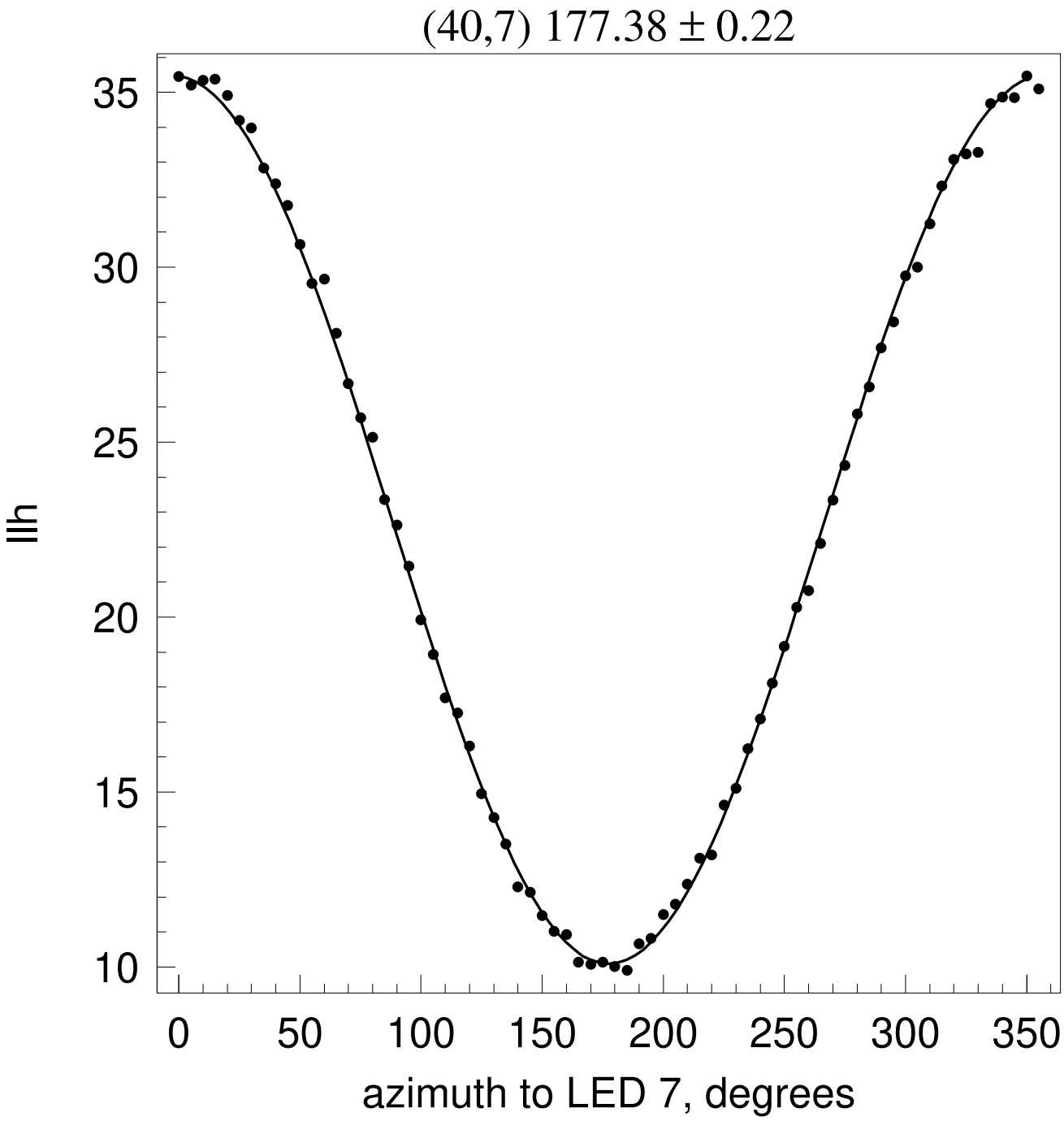

(40,2) 17.19 ± 0.24
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

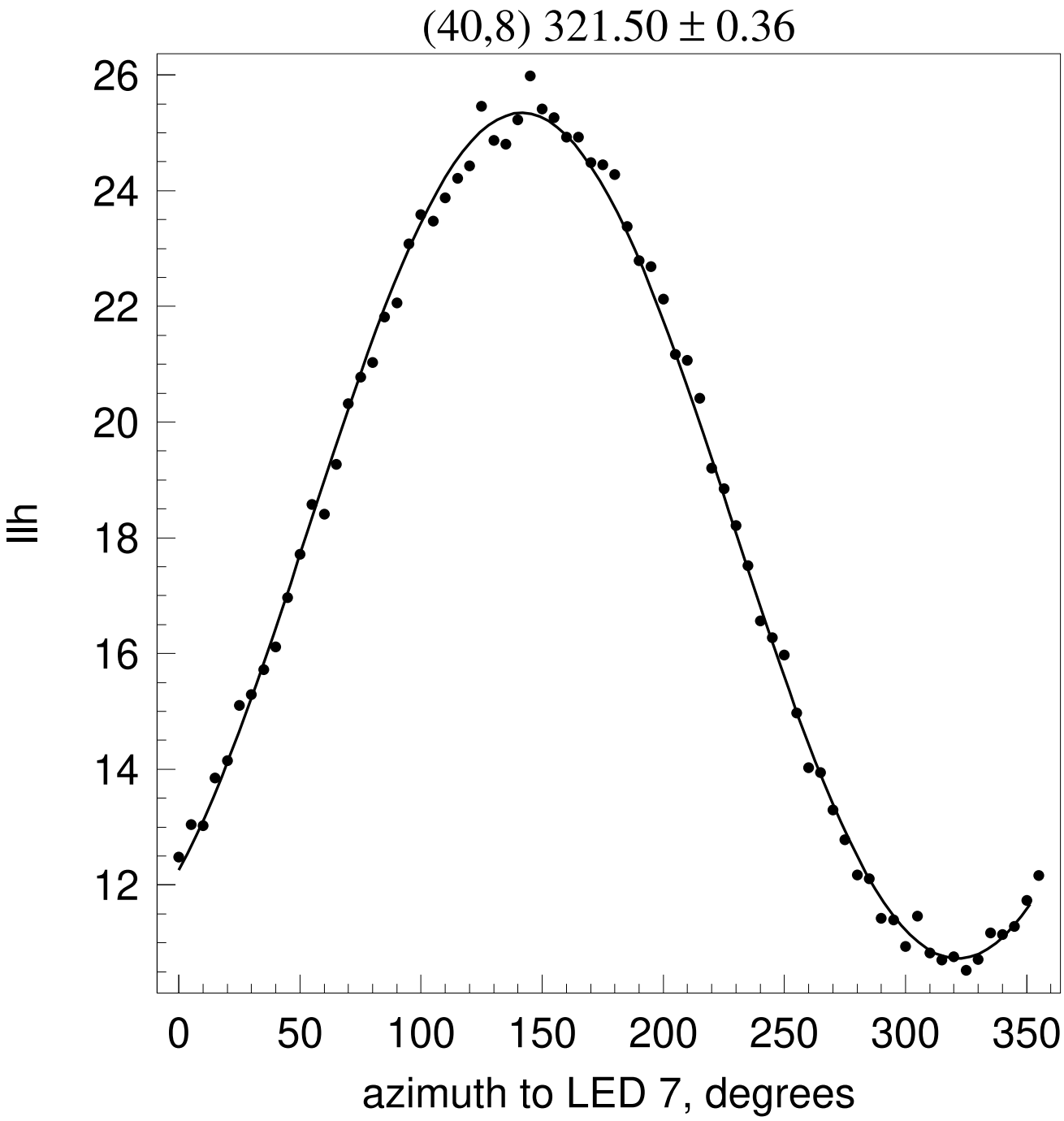

(40,3) 71.10 ± 0.00
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

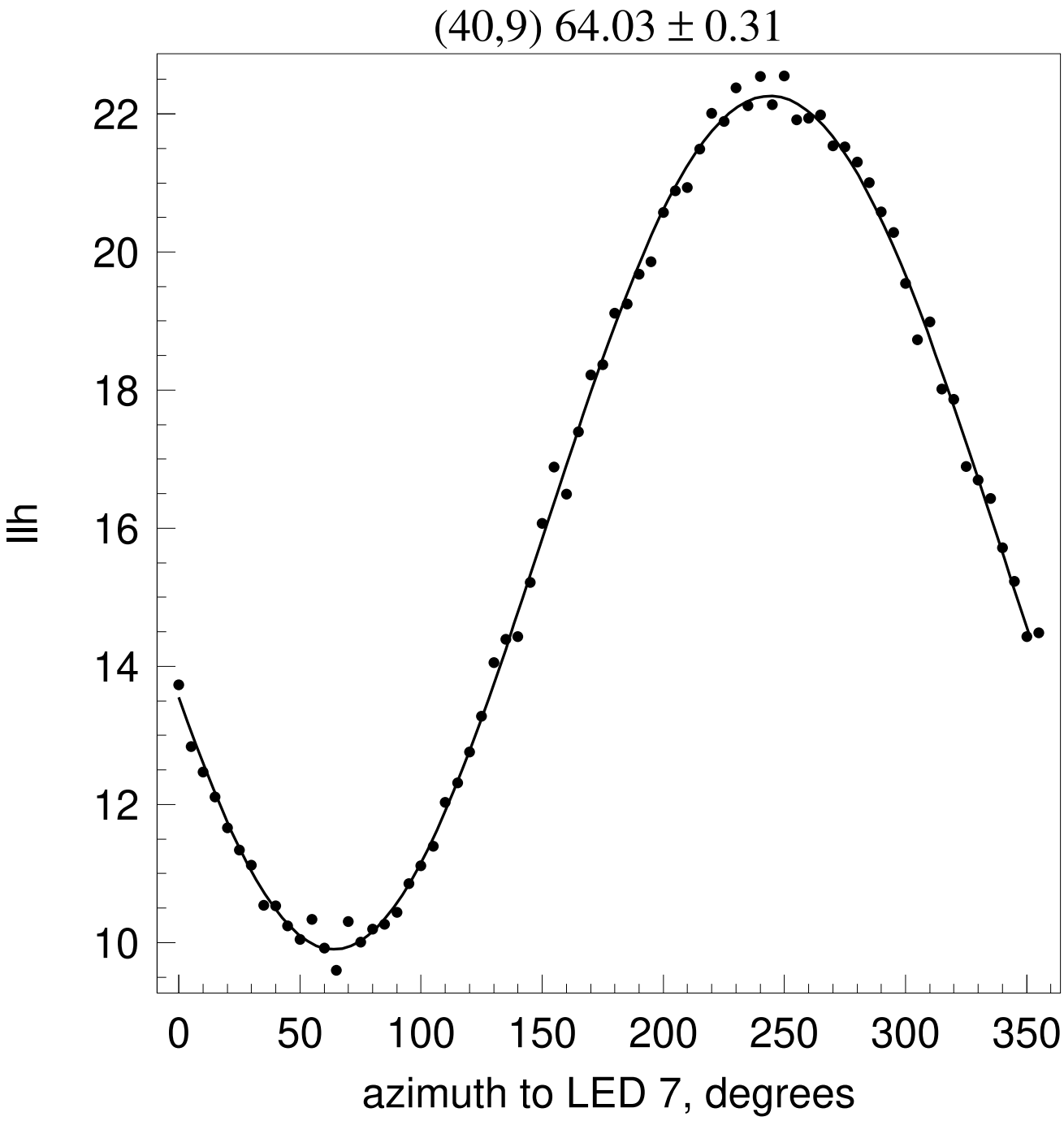

(40,4) 9.17 ± 0.10
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

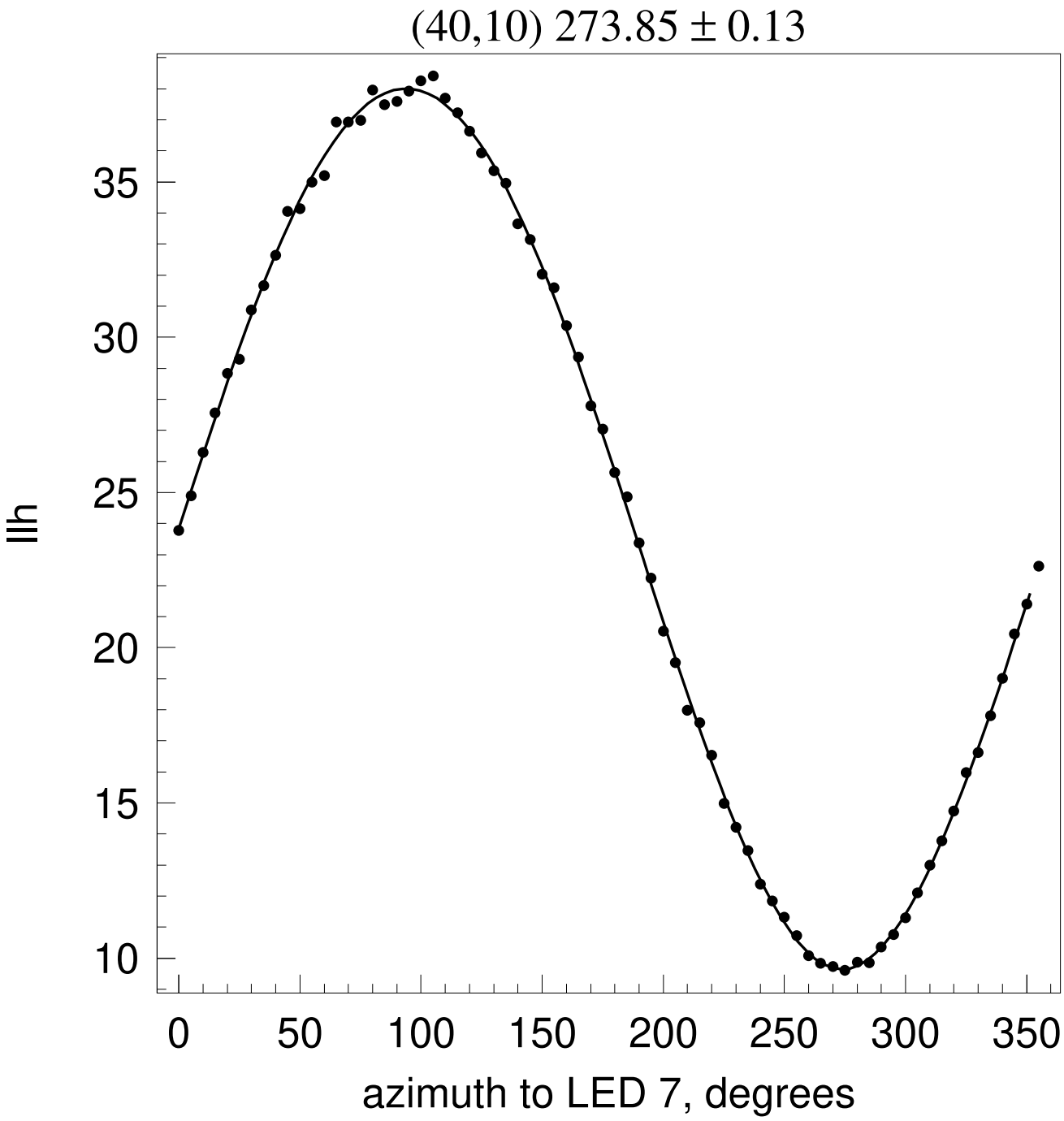

(40,5) 105.07 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

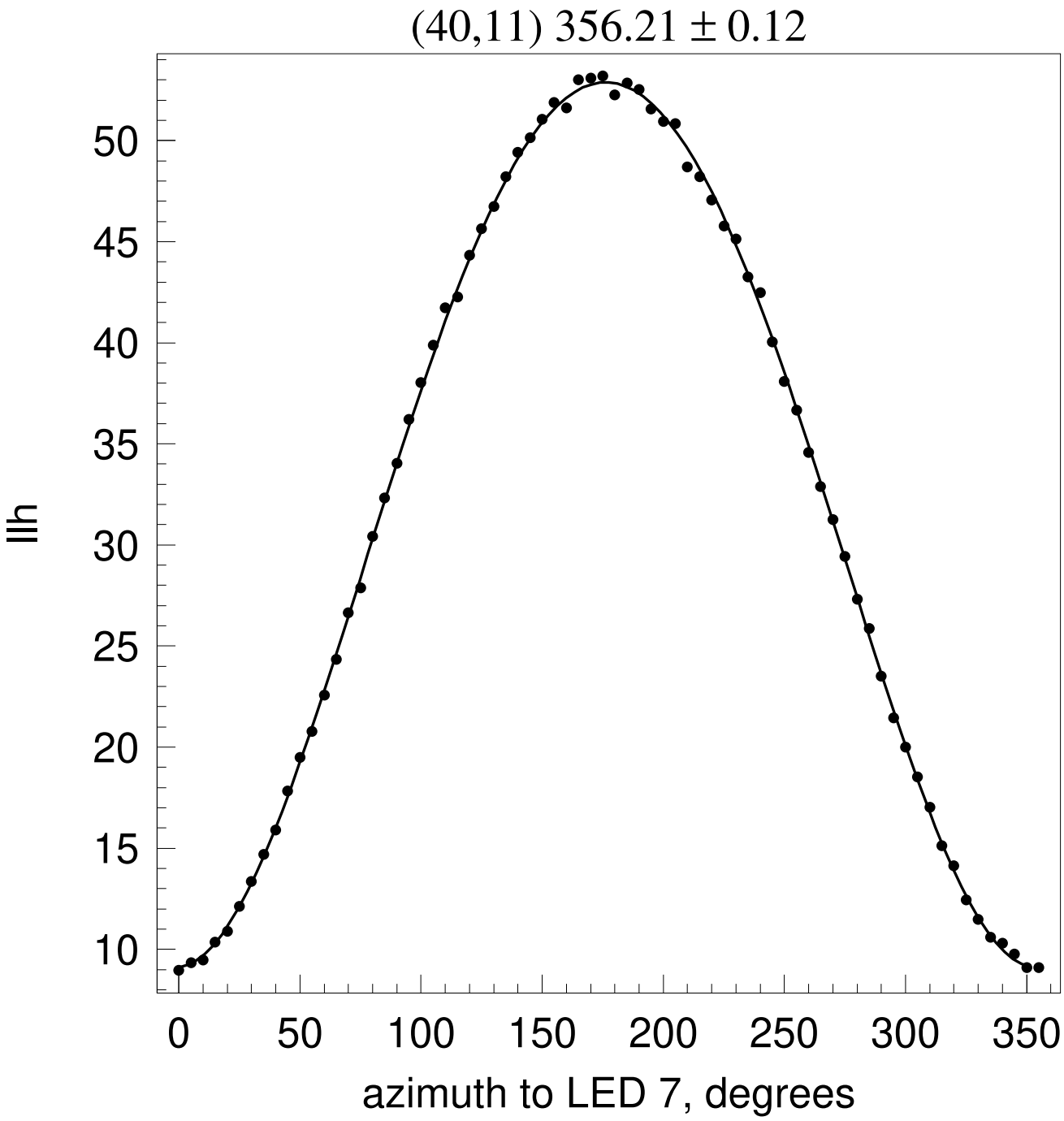

(40,6) 321.04 ± 0.09
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

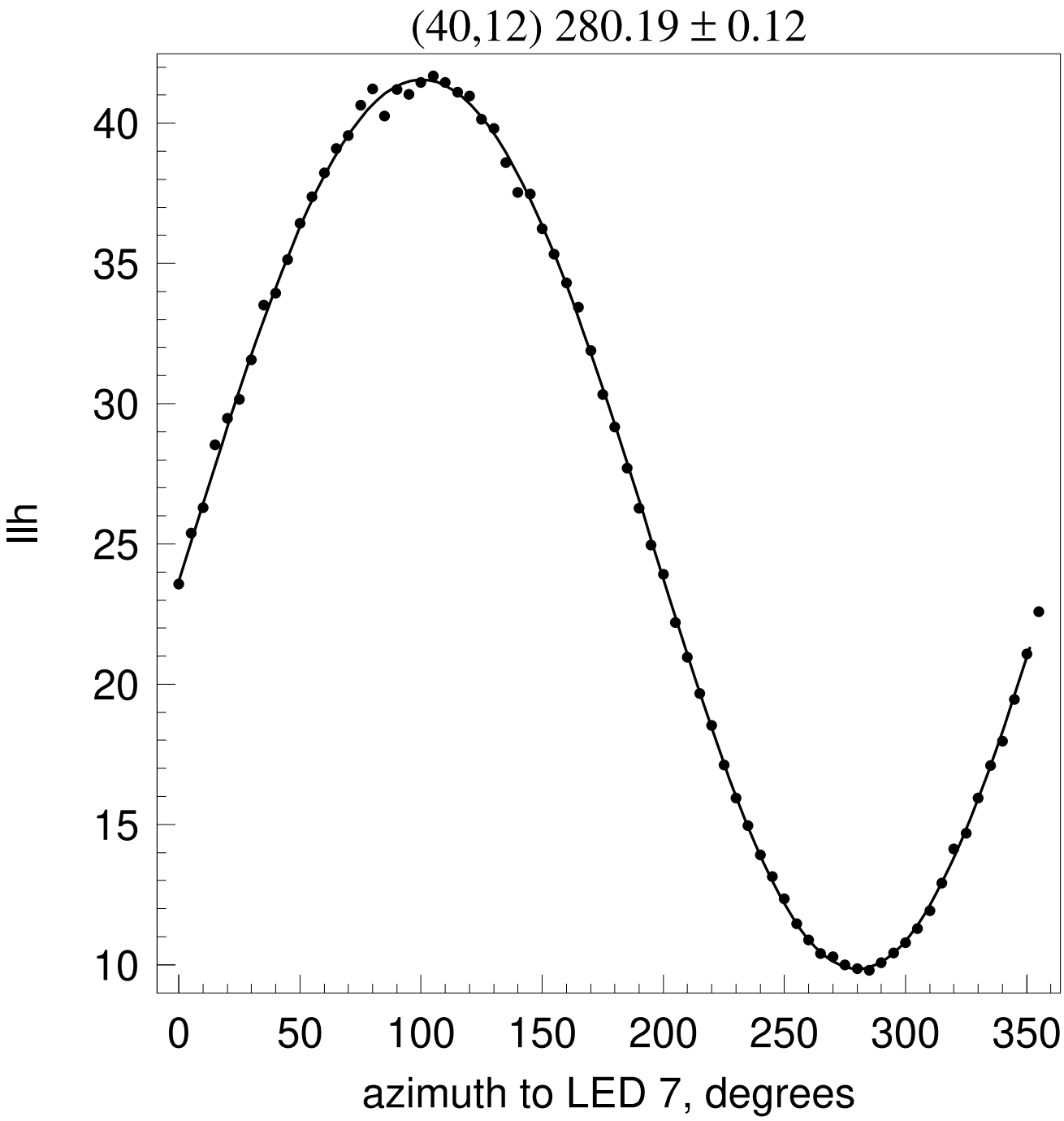

(40,7) 177.38 ± 0.22
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

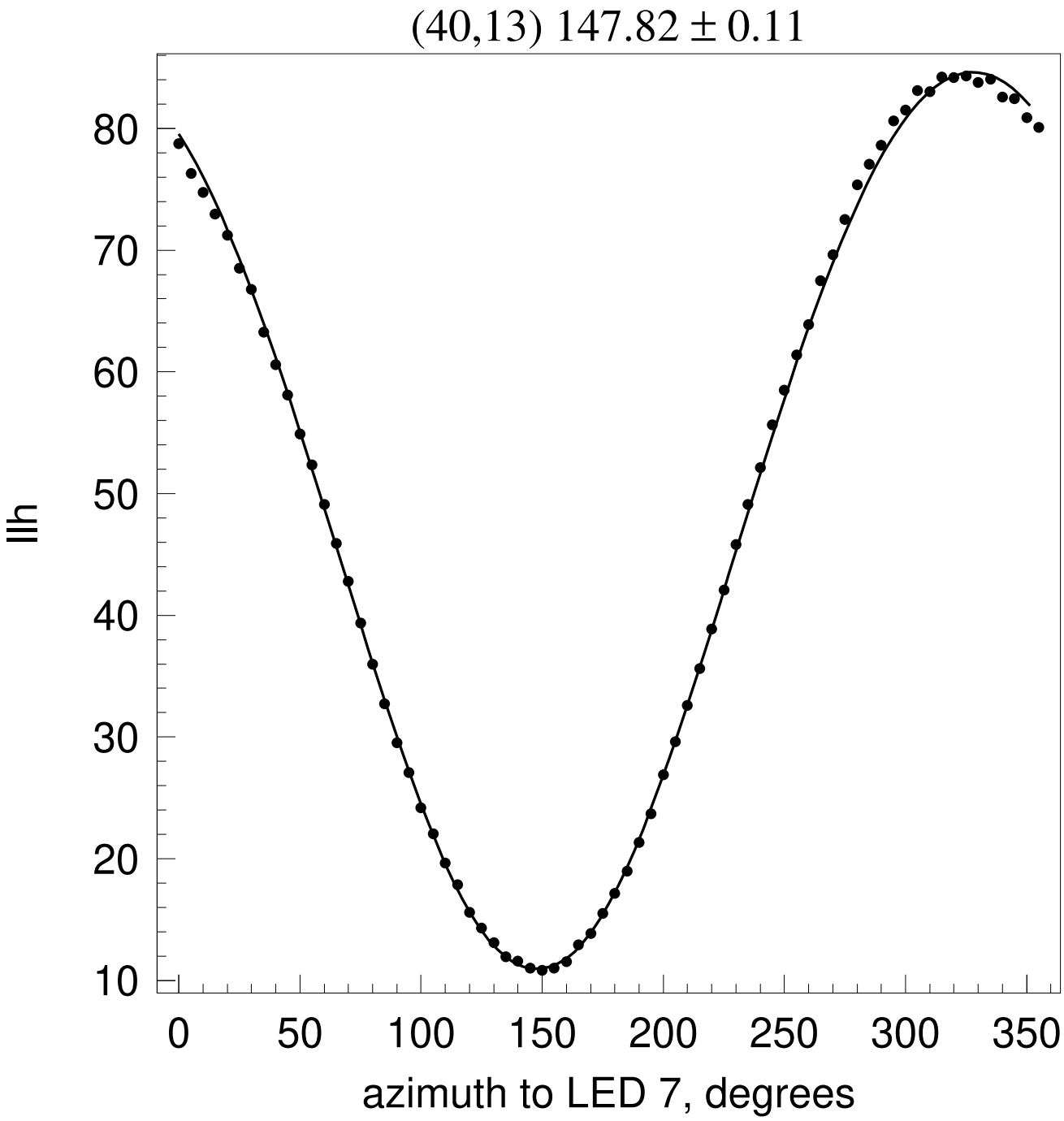

(40,8) 321.50 ± 0.36
26
24
22
20
18
16
14
12
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

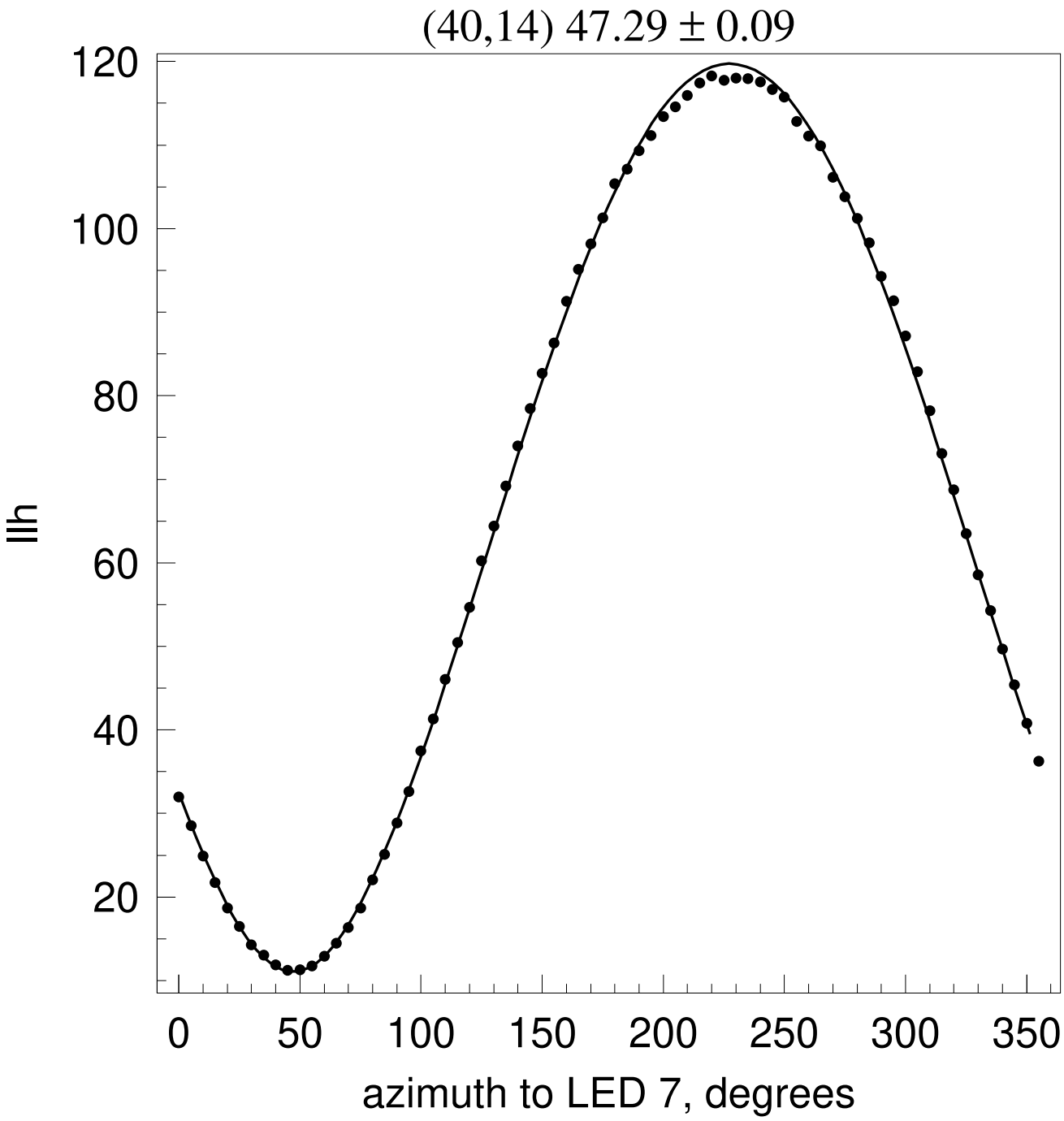

(40,9) 64.03 ± 0.31
22
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

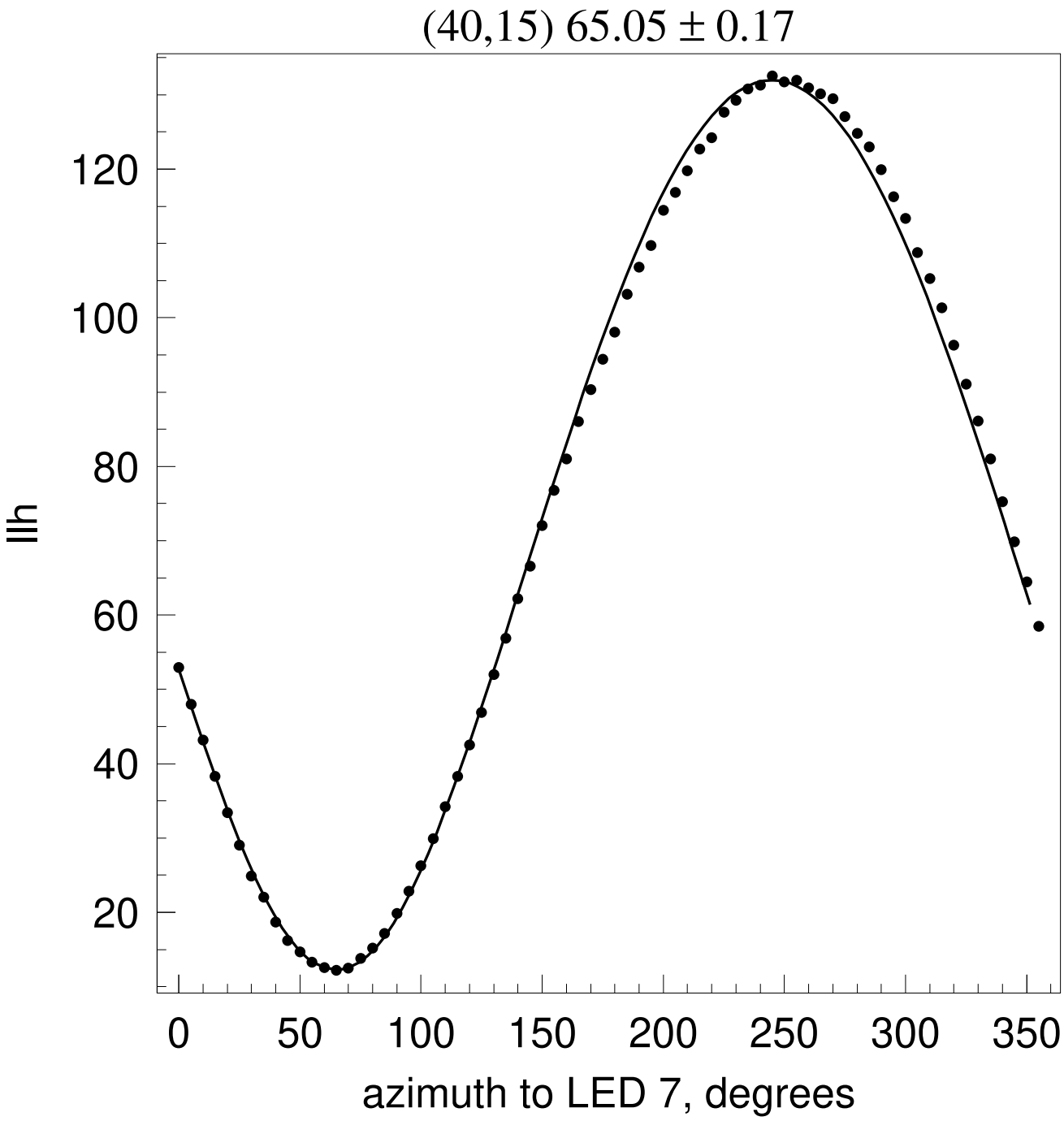

(40,10) 273.85 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

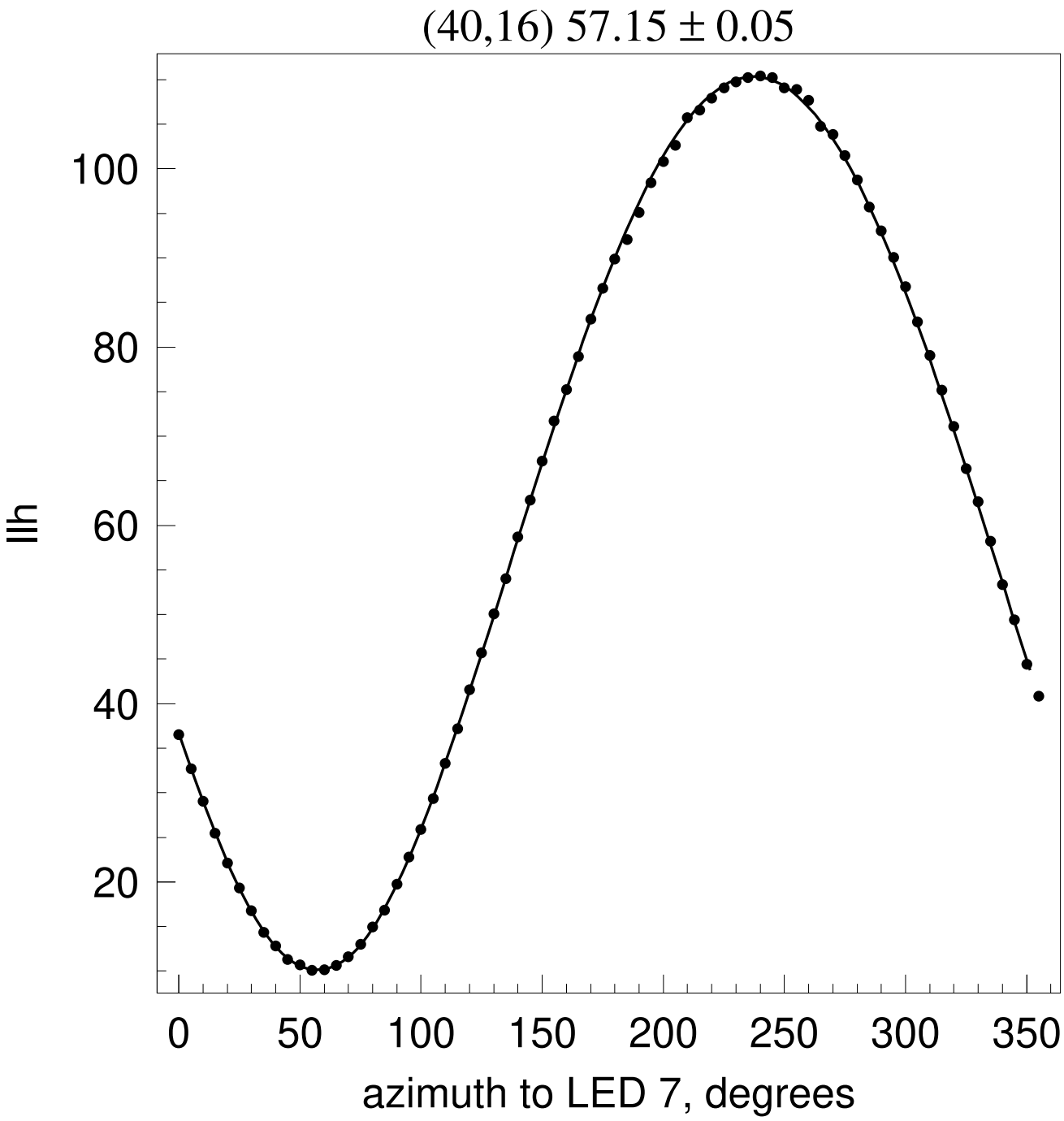

(40,11) 356.21 ± 0.12
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

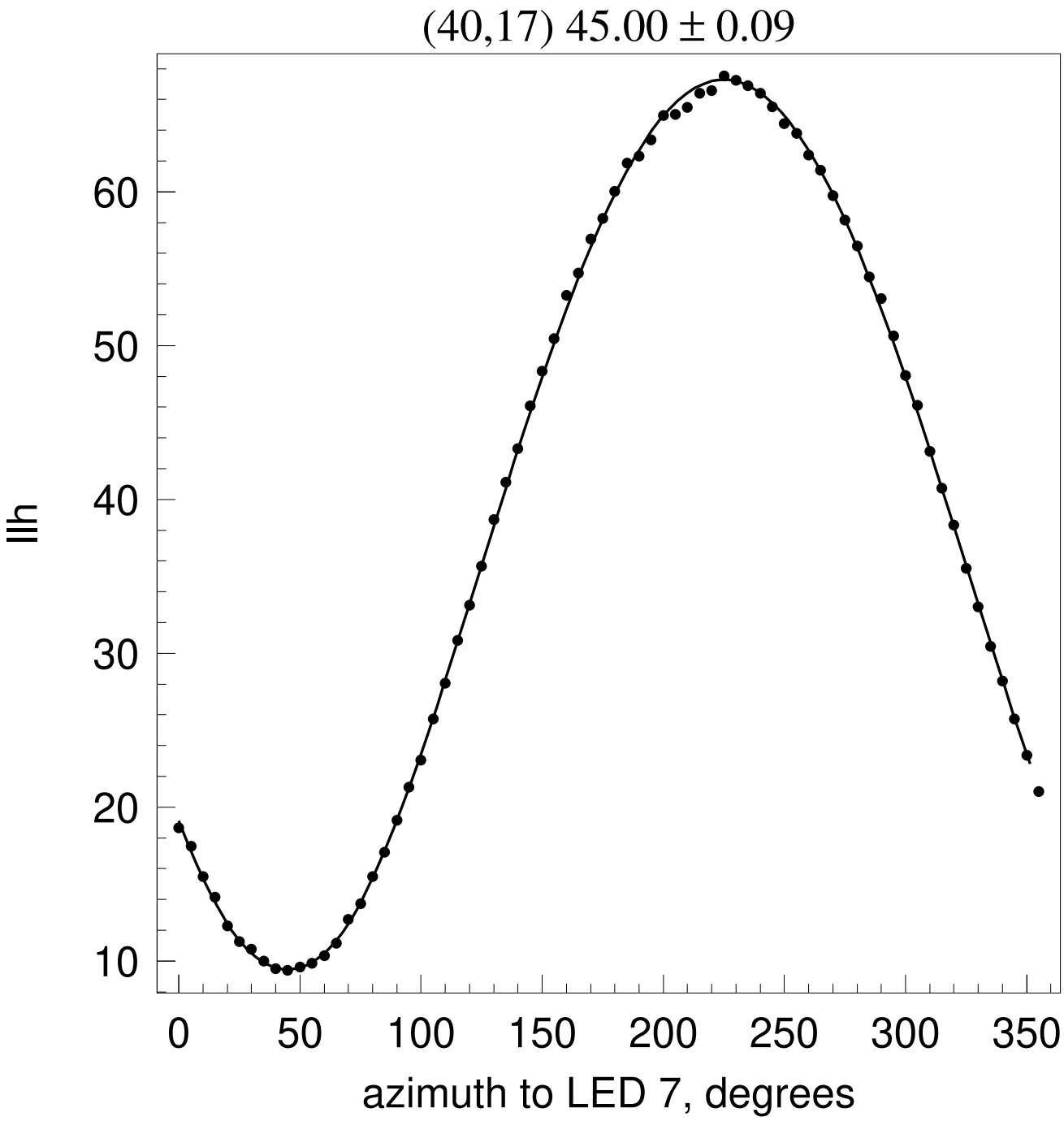

(40,12) 280.19 ± 0.12
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

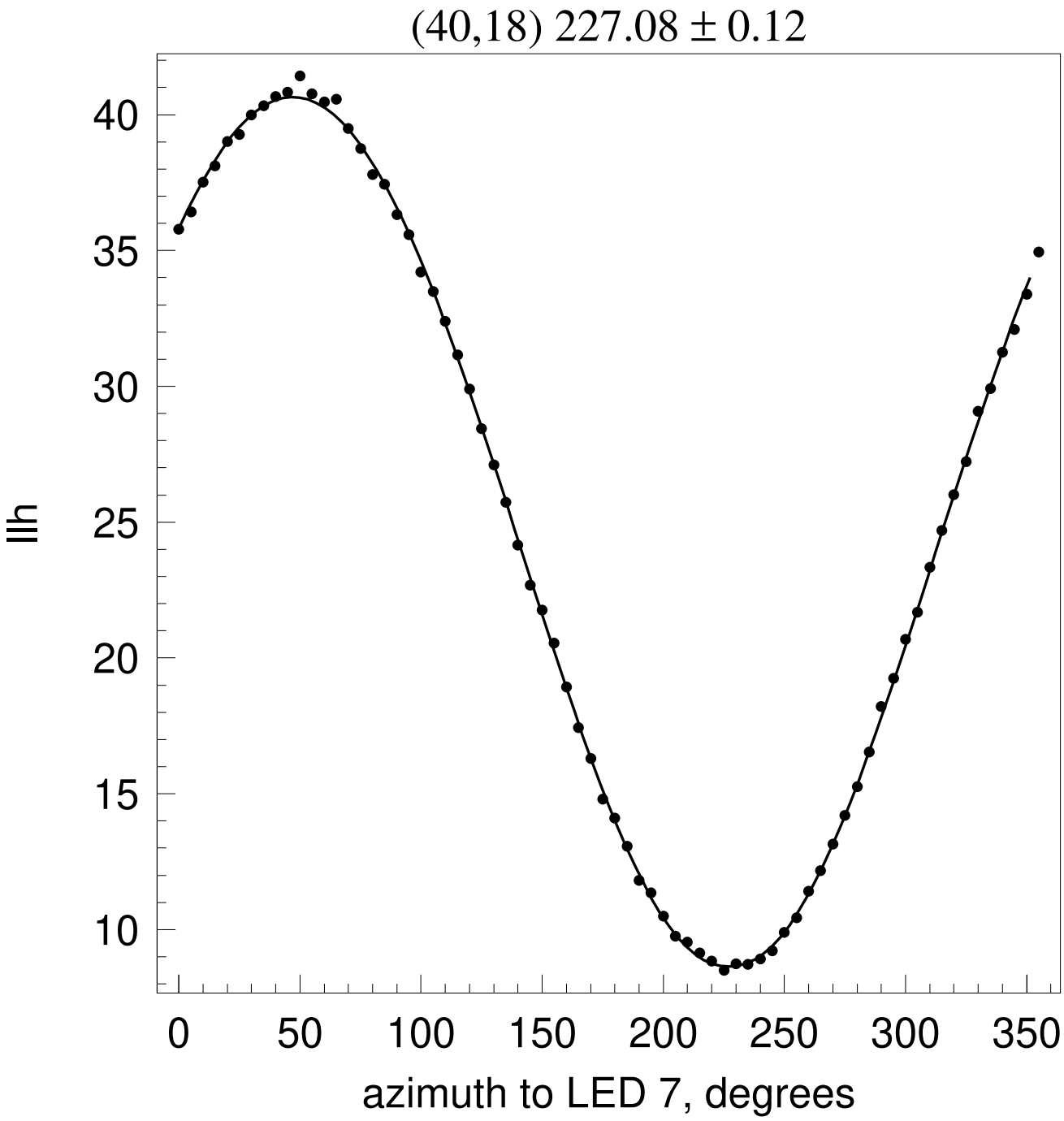

(40,13) 147.82 ± 0.11
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

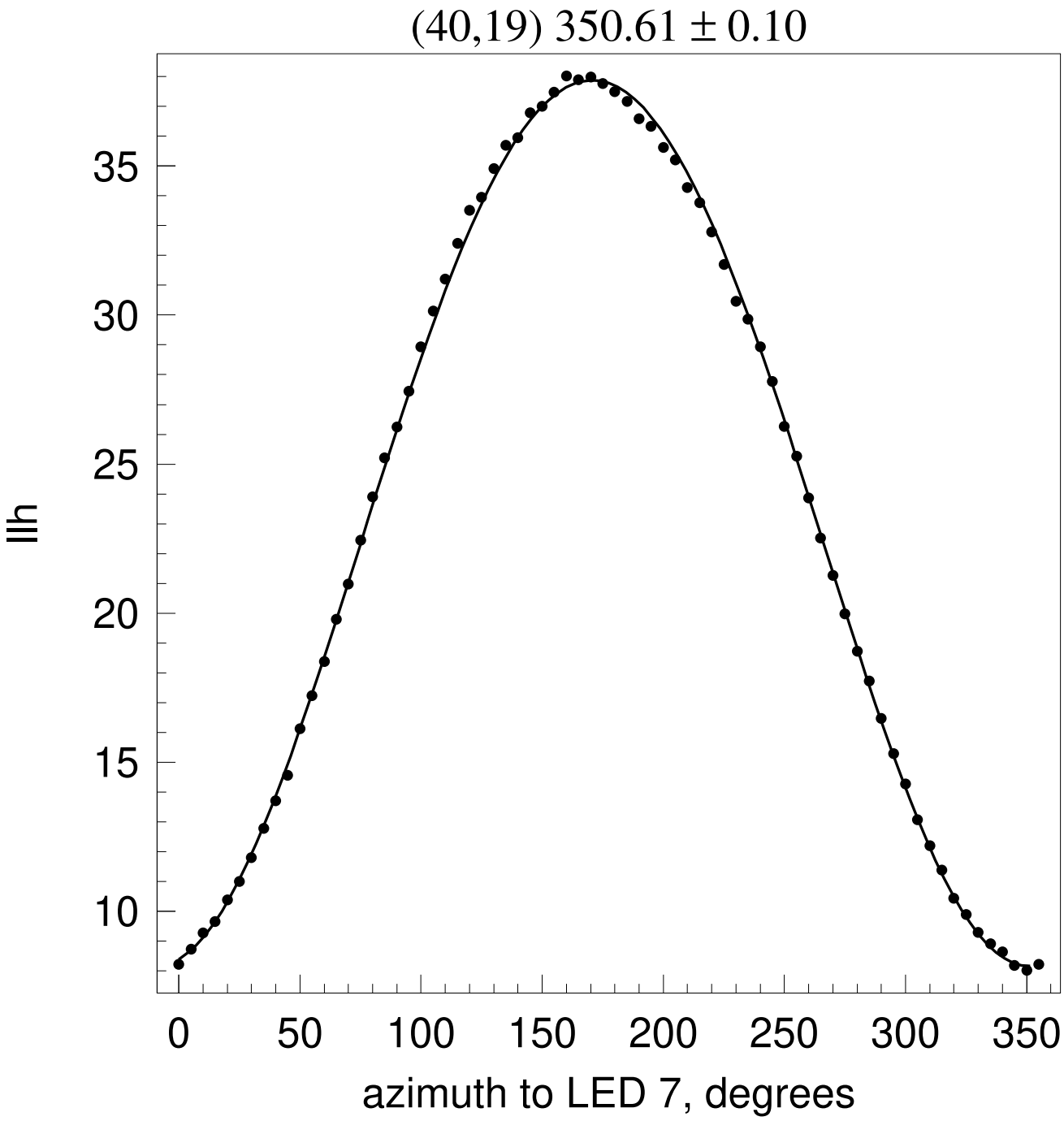

(40,14) 47.29 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

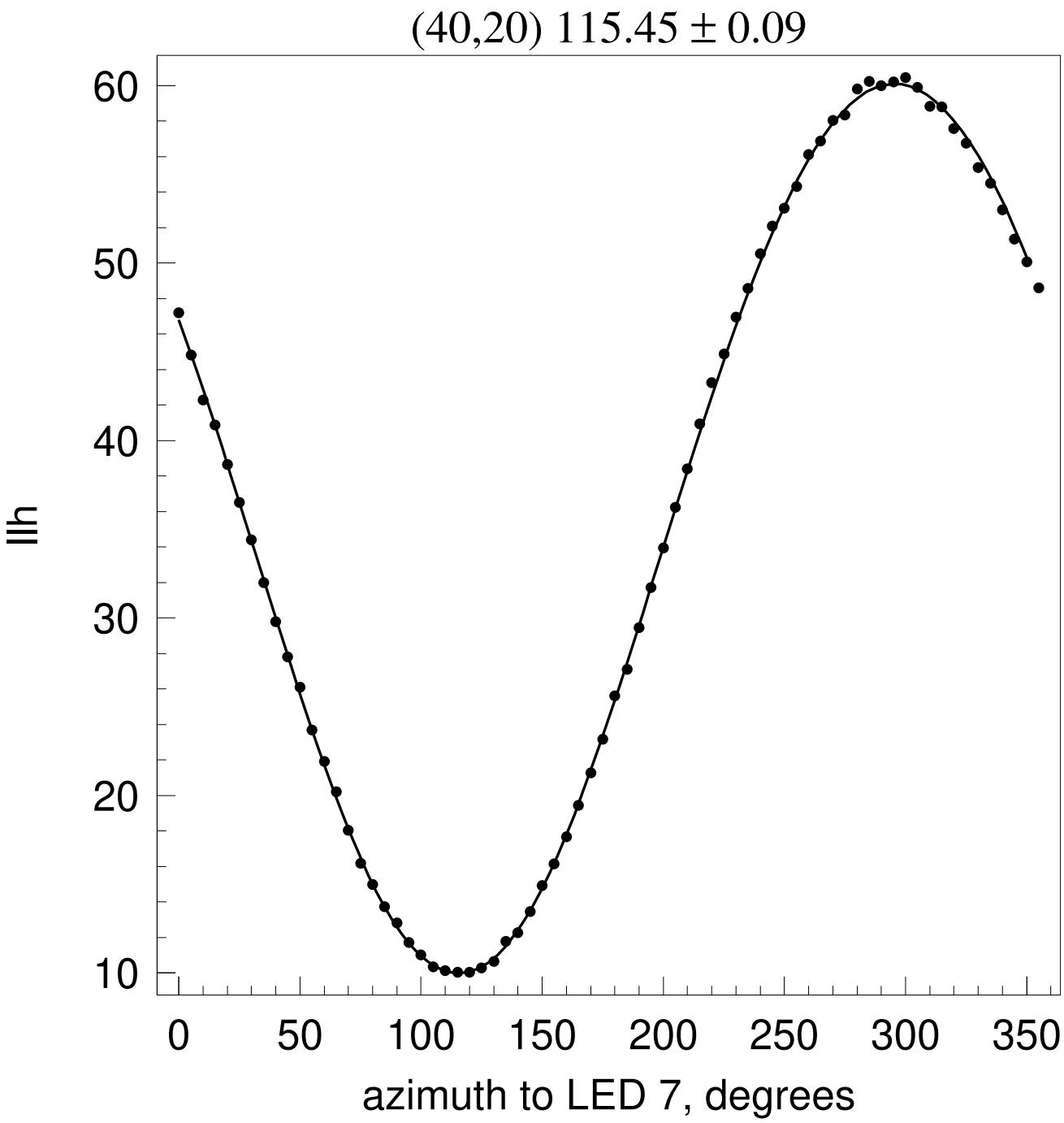

(40,15) 65.05 ± 0.17
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

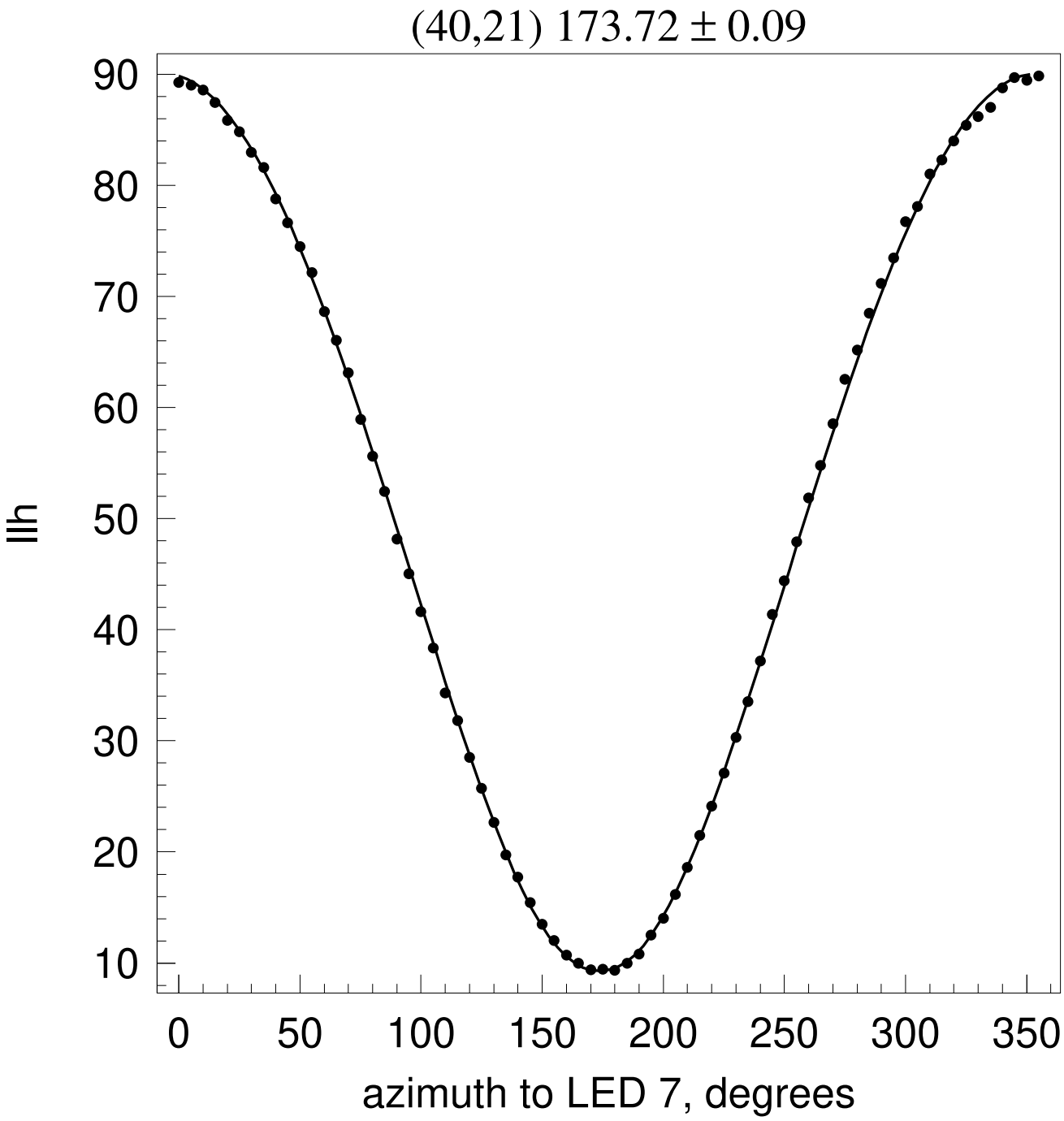

(40,16) 57.15 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

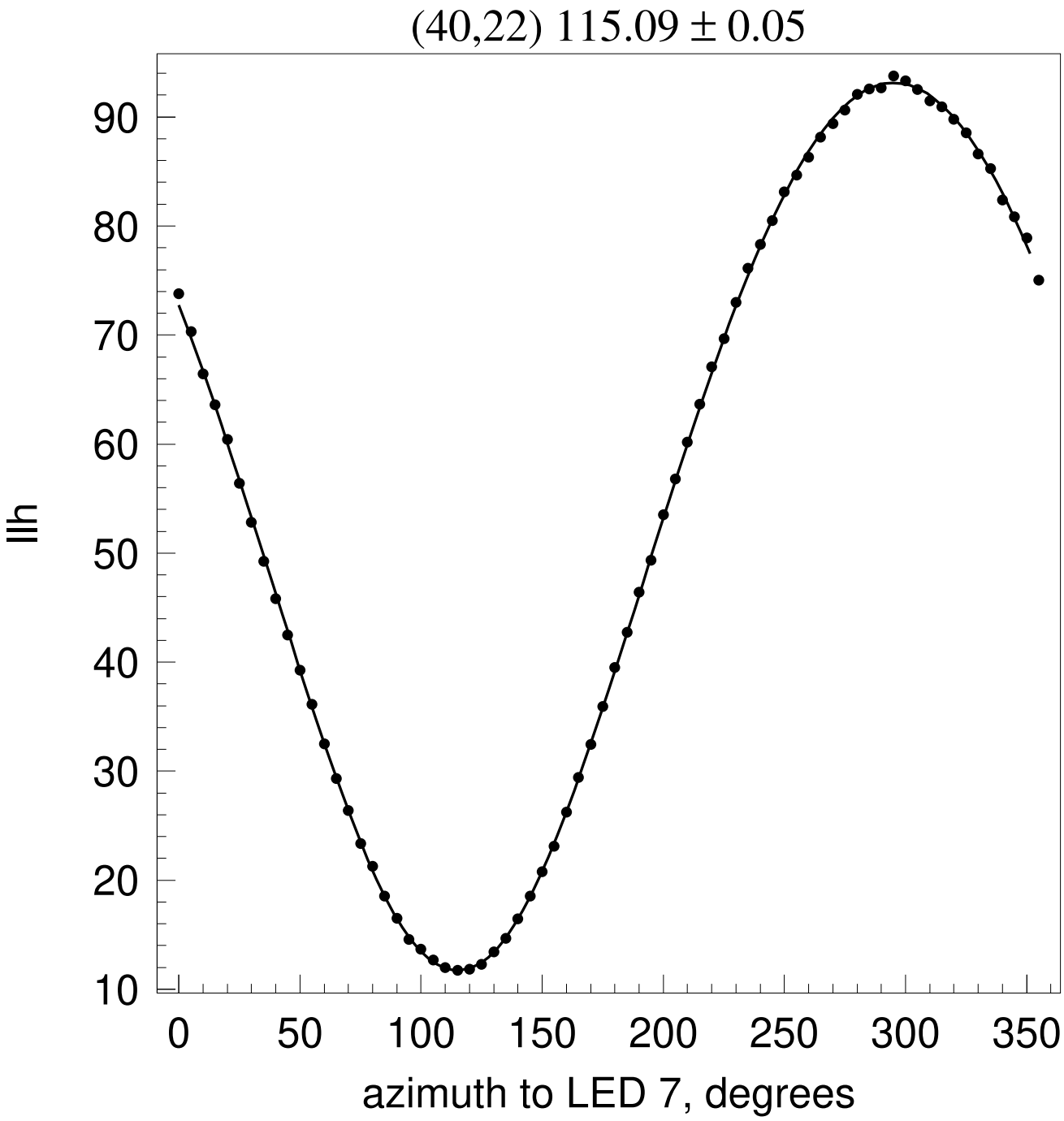

(40,17) 45.00 ± 0.09
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

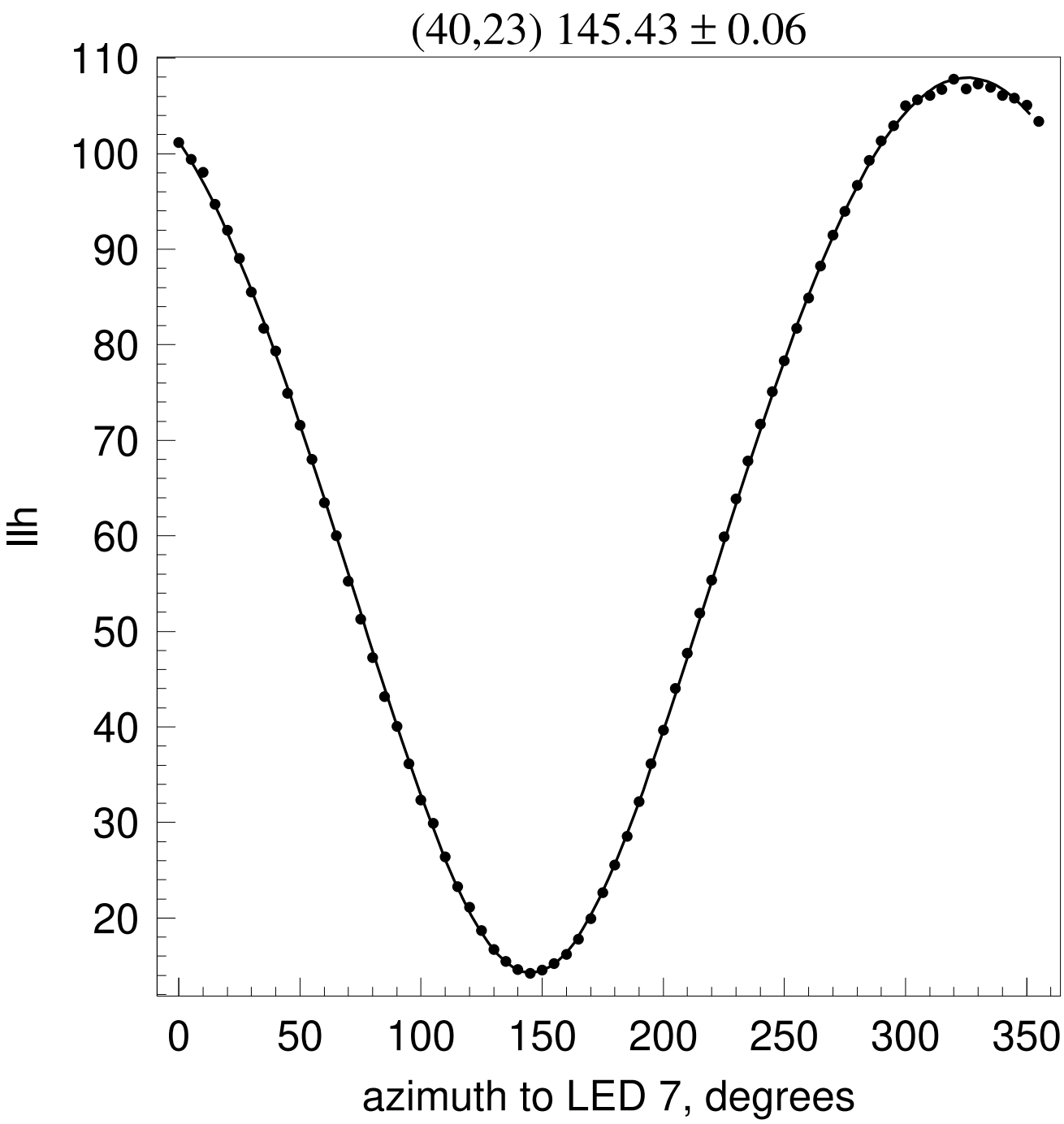

(40,18) 227.08 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

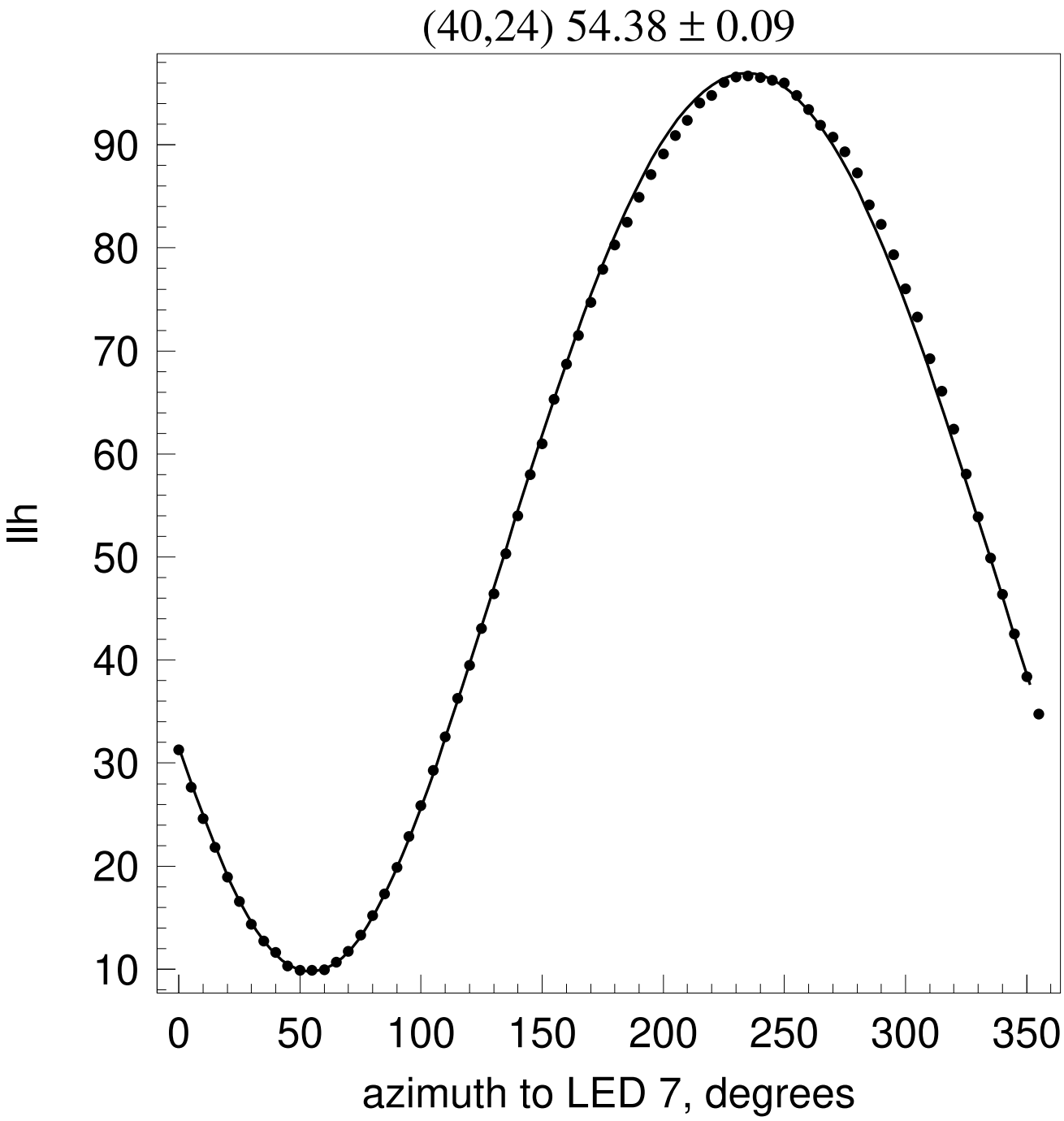

(40,19) 350.61 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

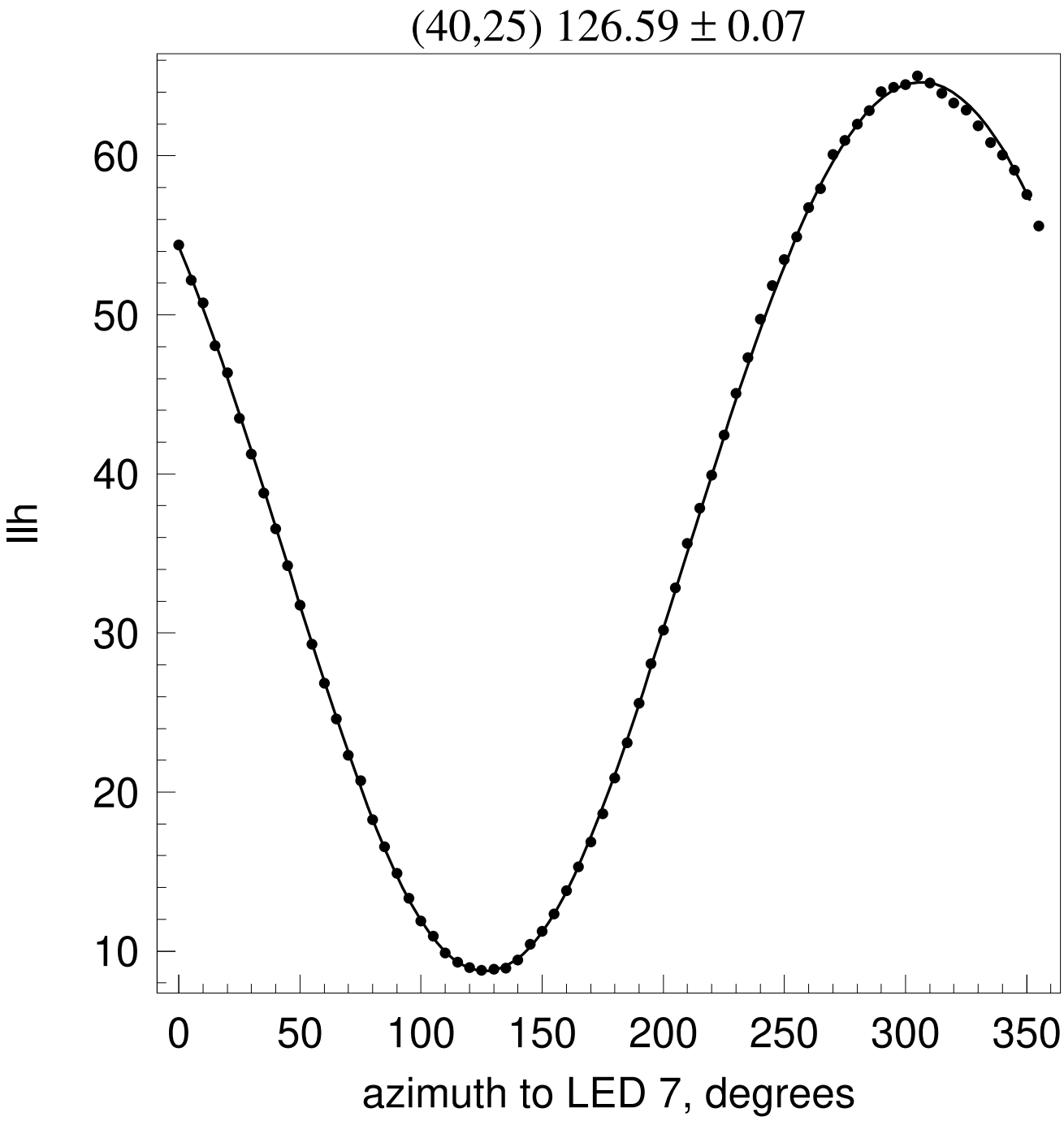

(40,20) 115.45 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

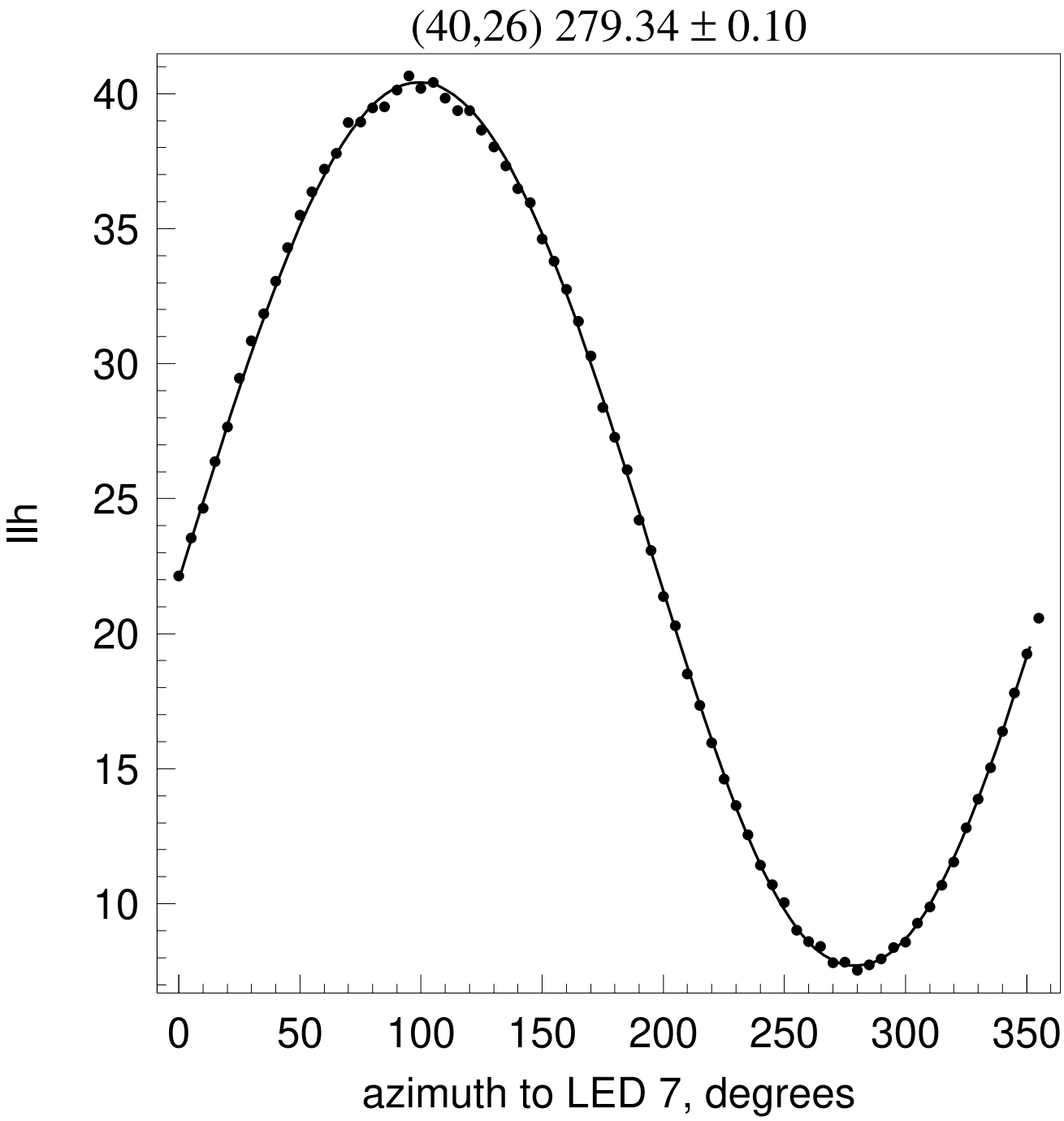

(40,21) 173.72 ± 0.09
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

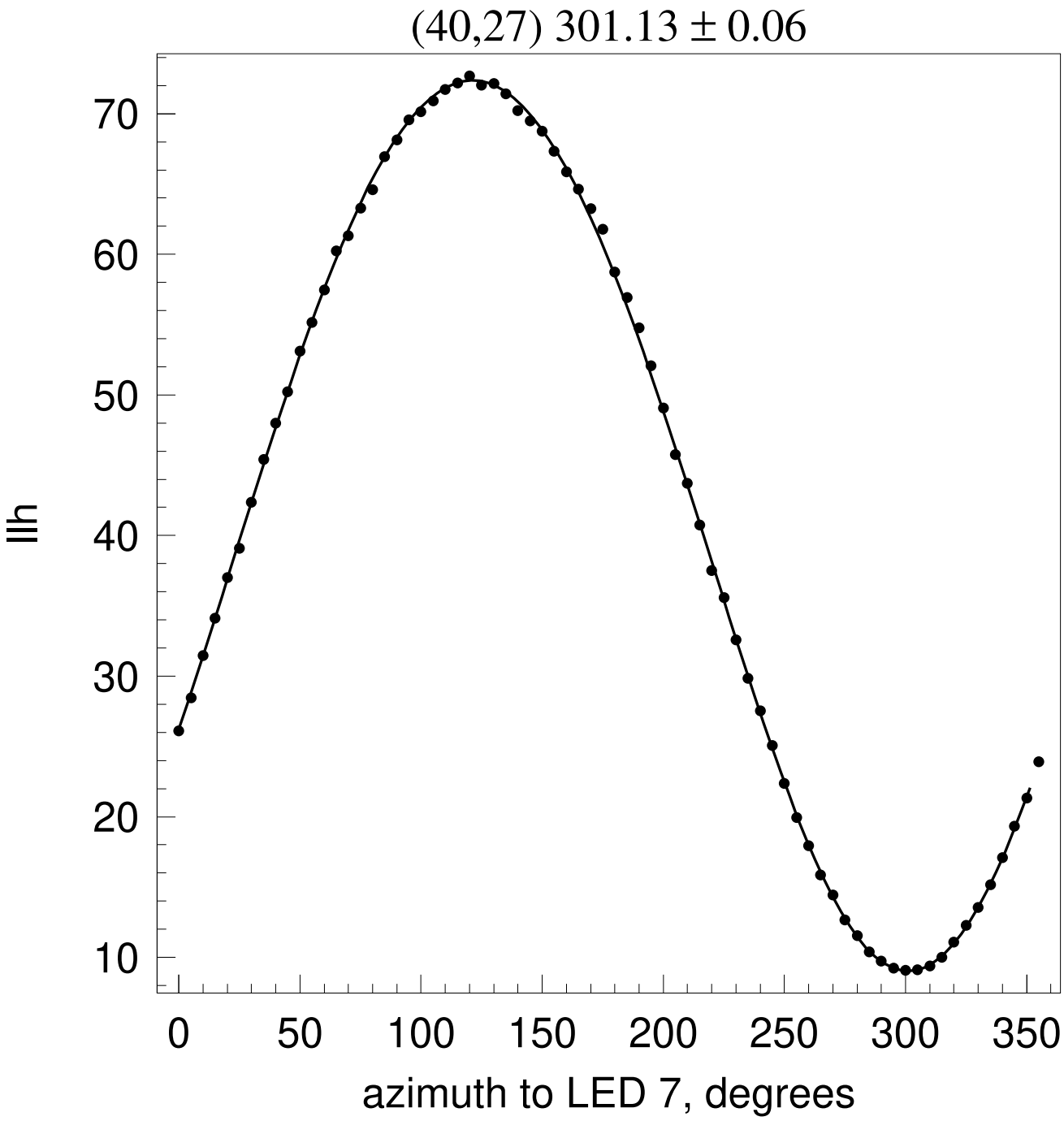

(40,22) 115.09 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

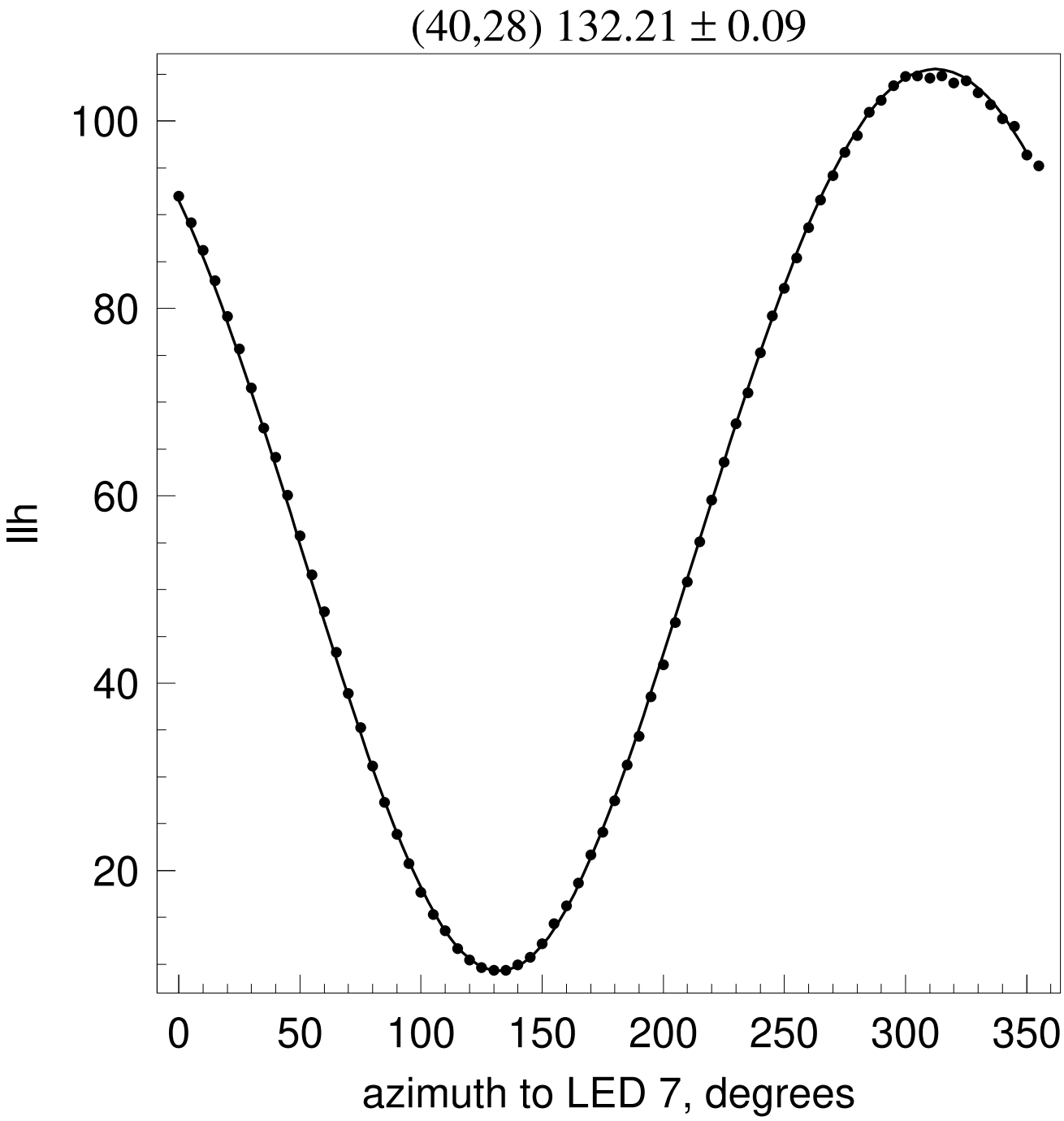

(40,23) 145.43 ± 0.06
110
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

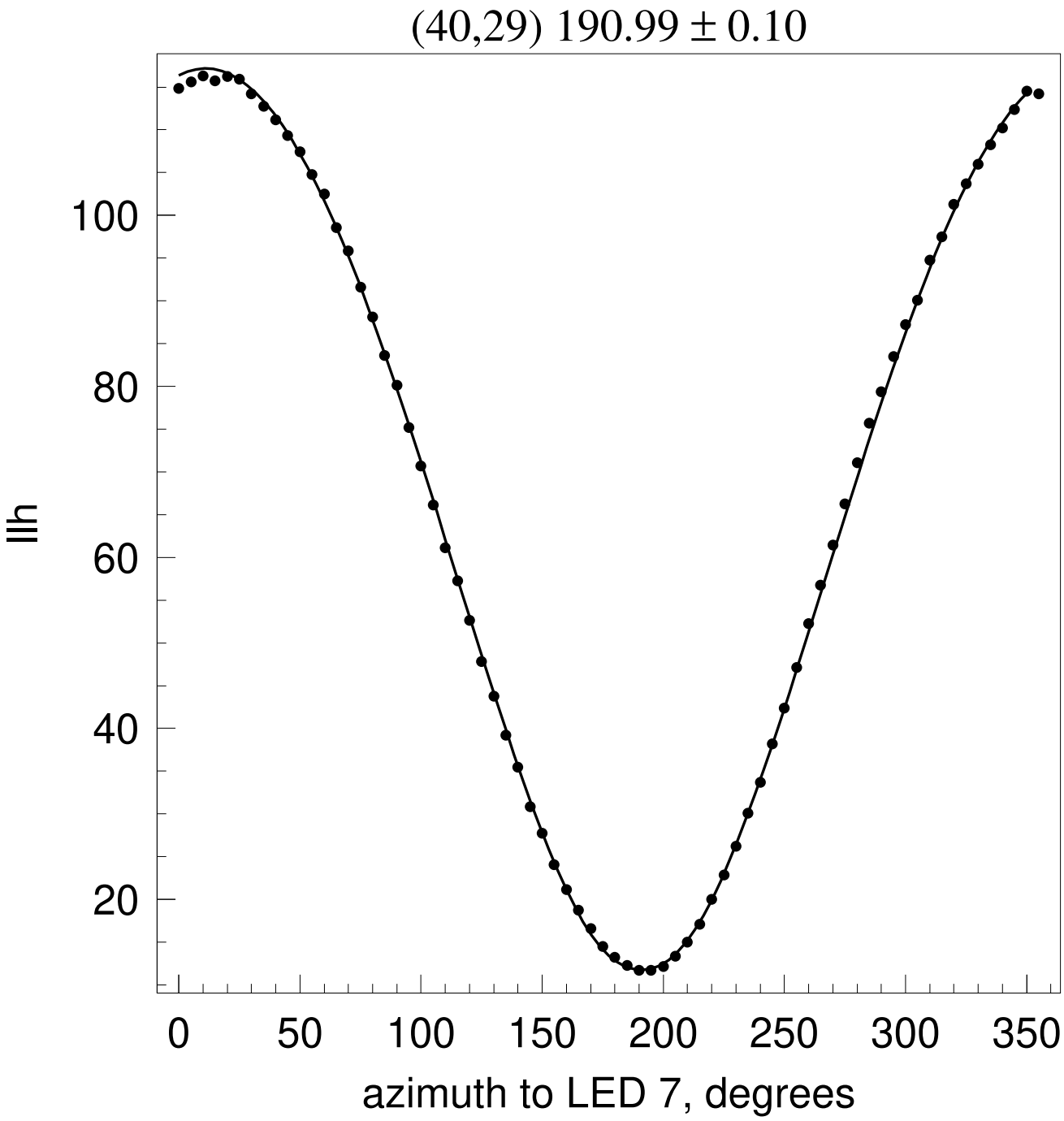

(40,24) 54.38 ± 0.09
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

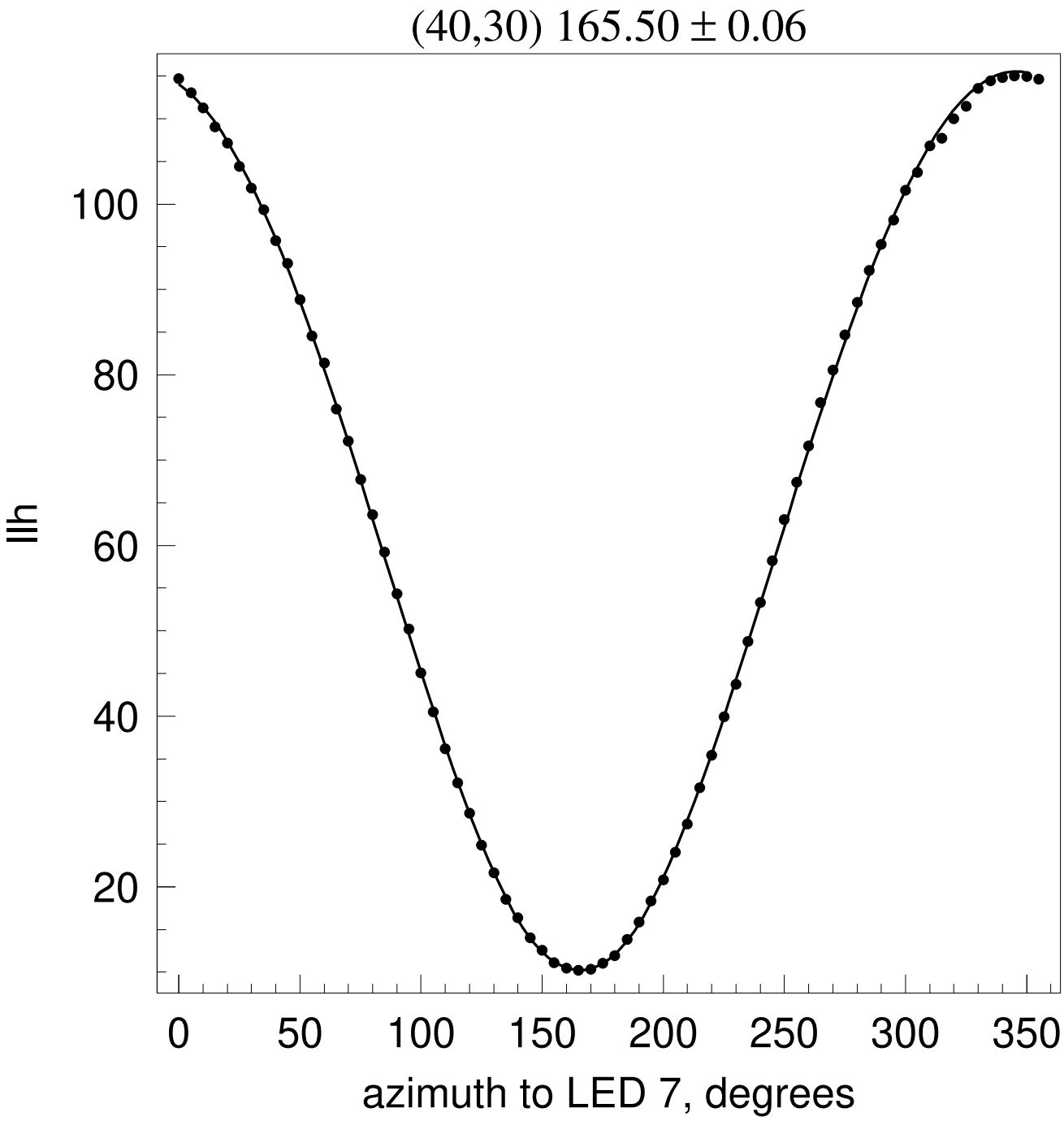

(40,25) 126.59 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

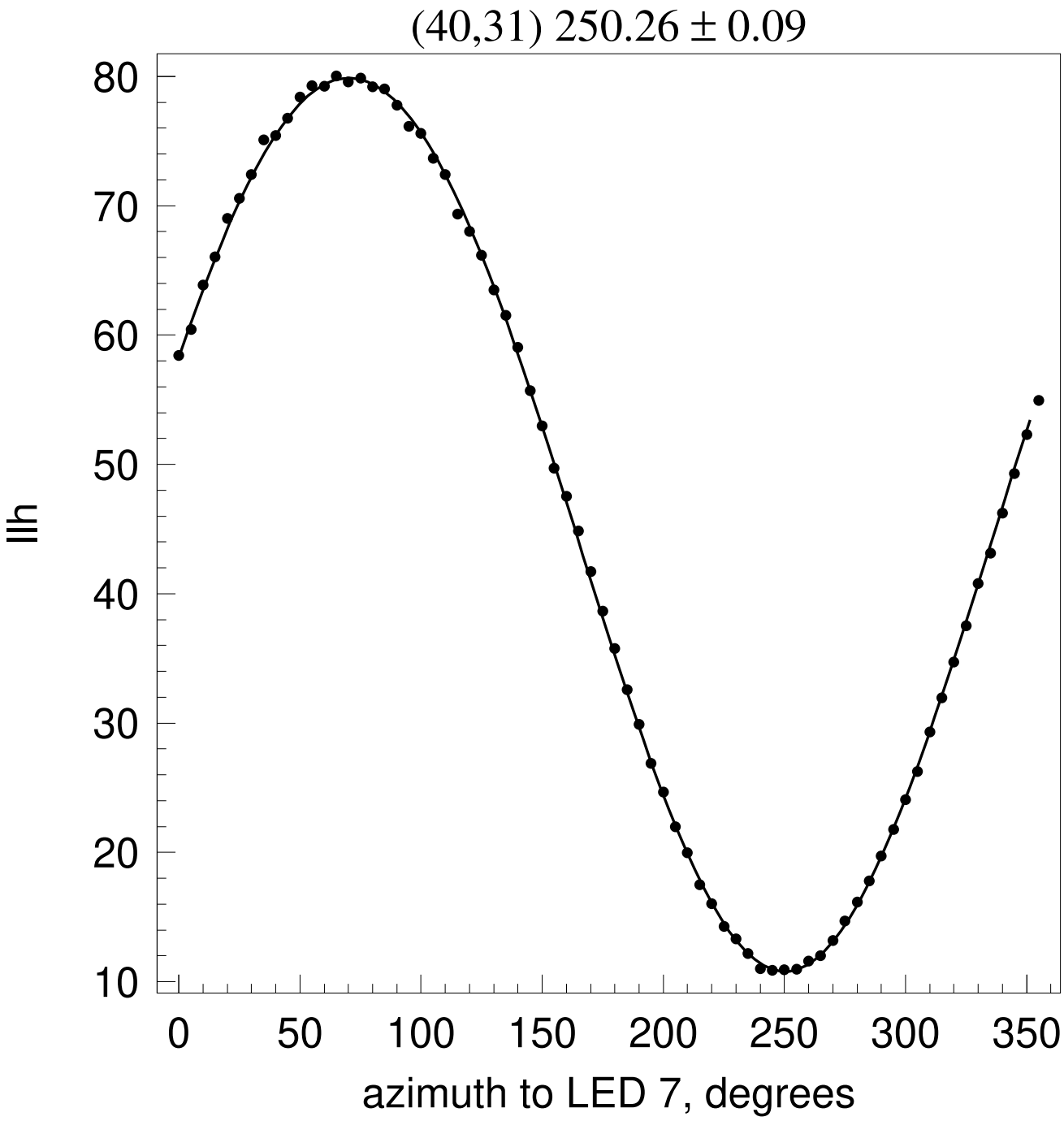

(40,26) 279.34 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

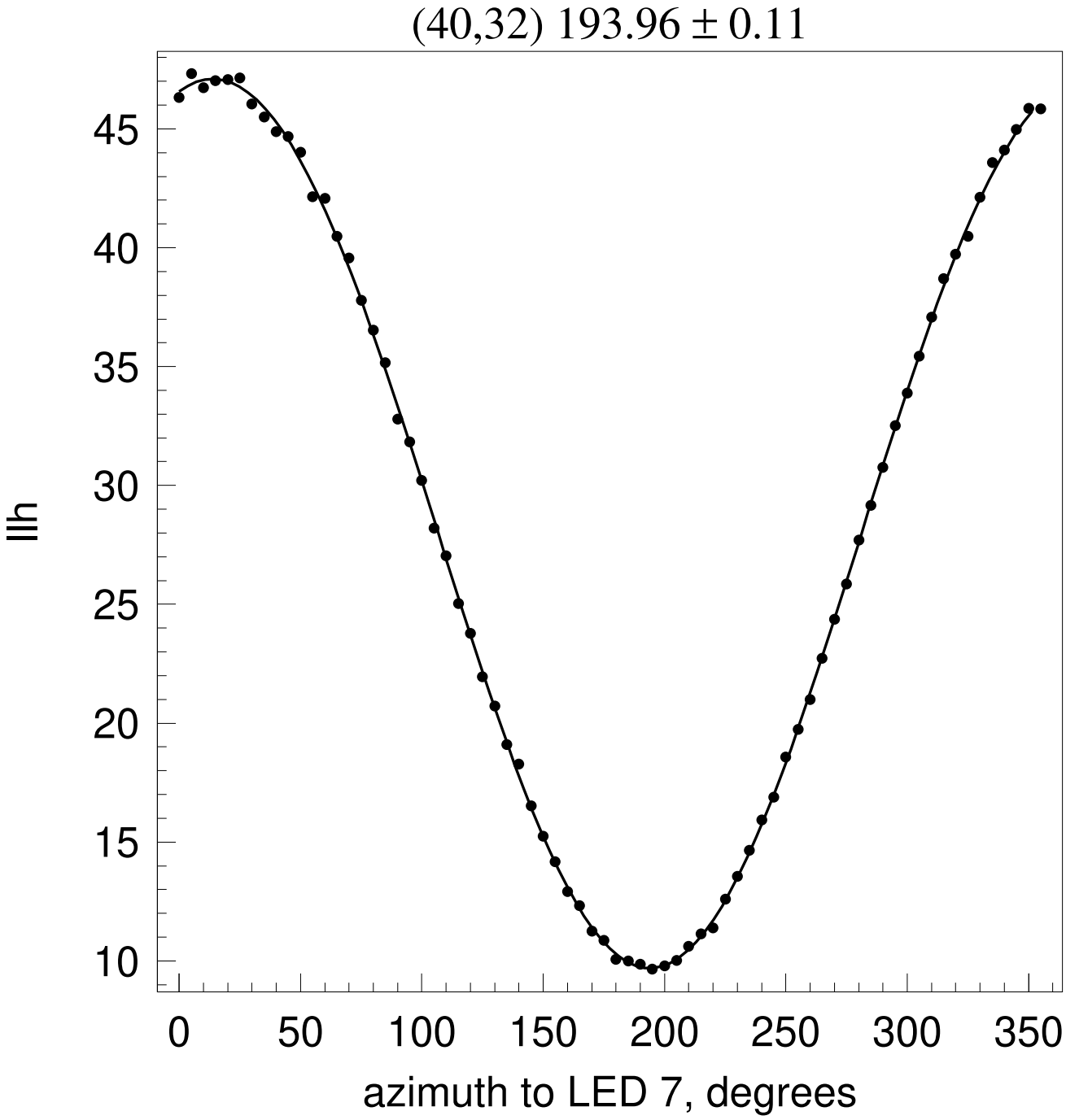

(40,27) 301.13 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

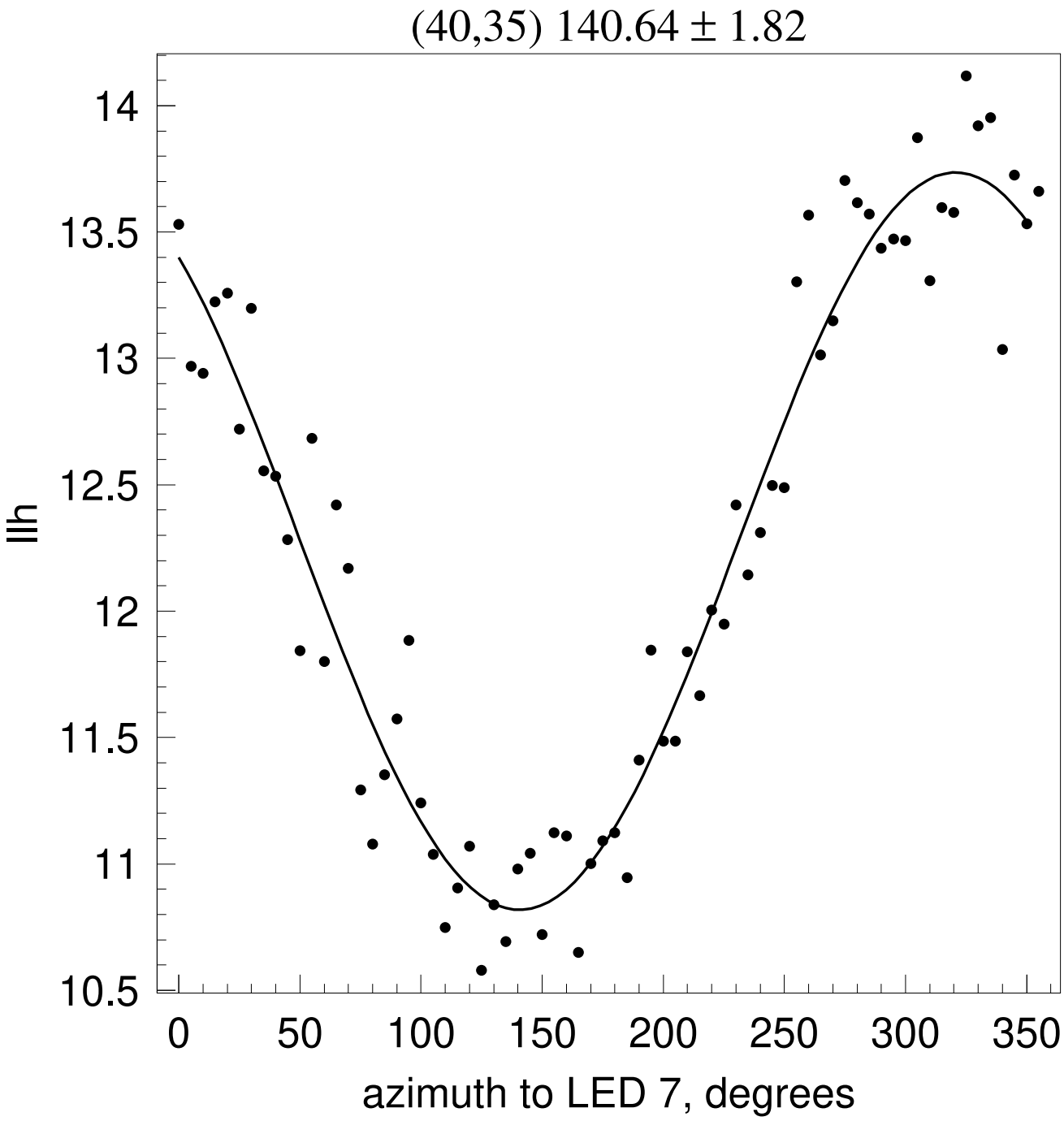

(40,28) 132.21 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

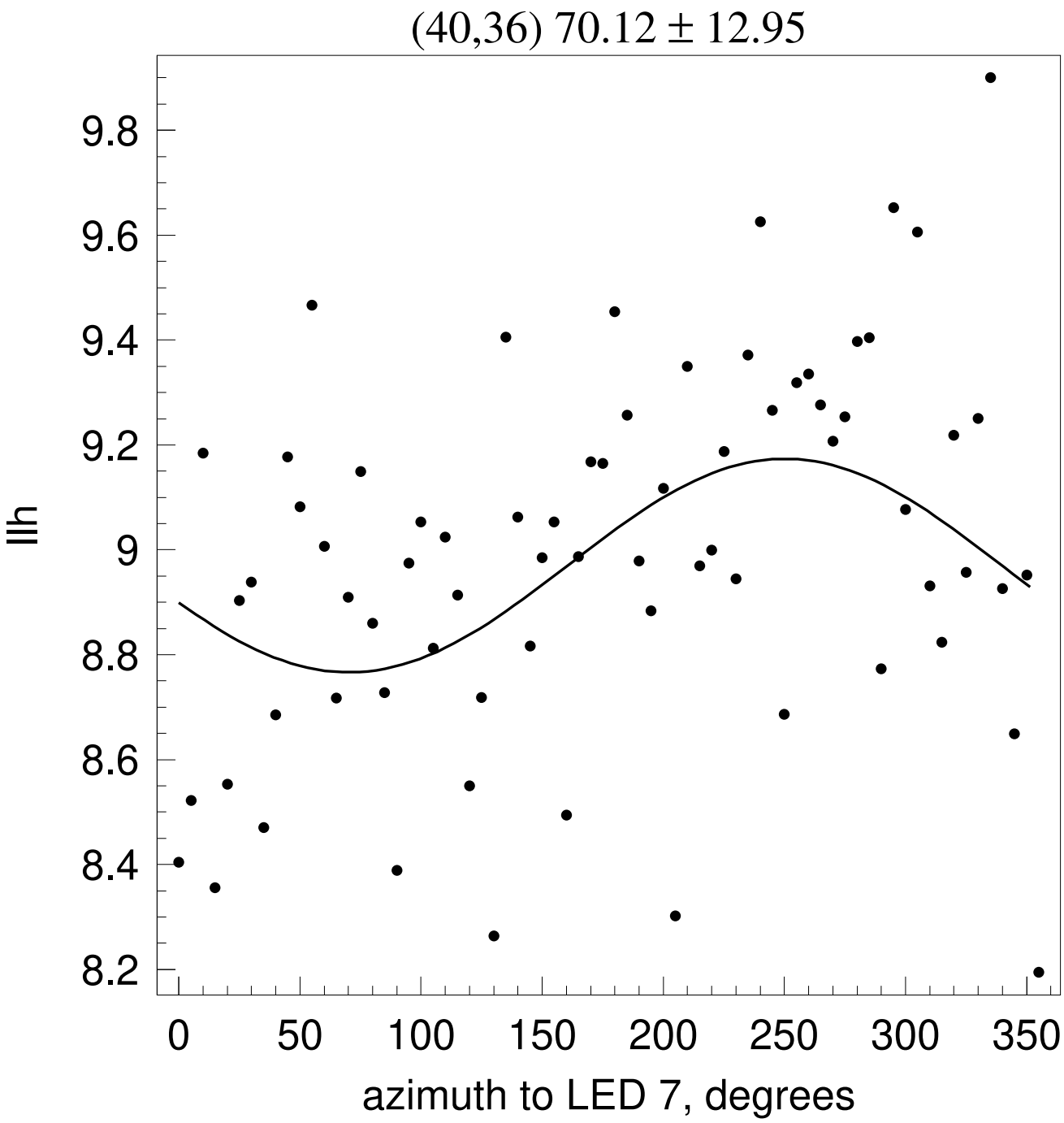

(40,29) 190.99 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

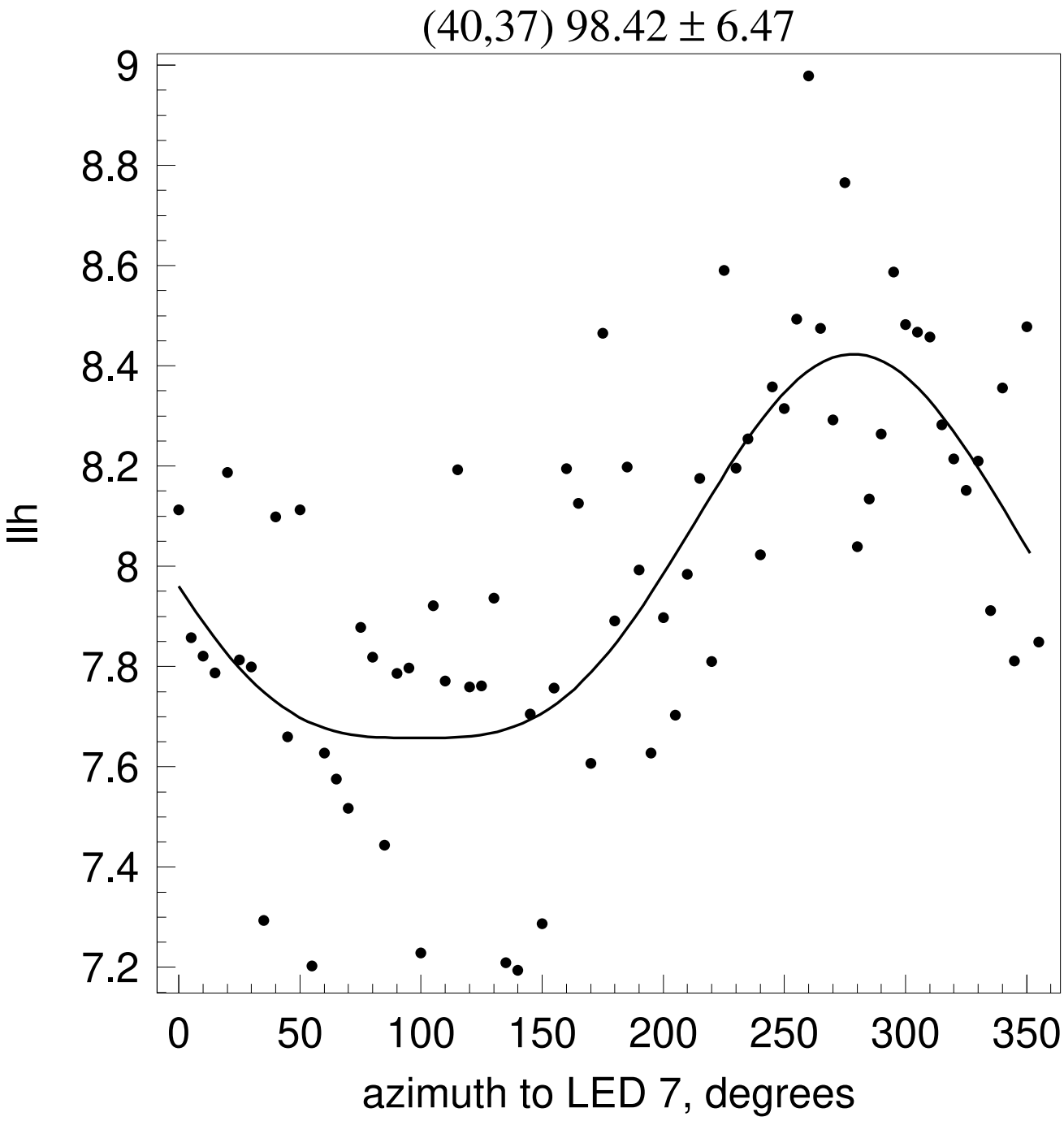

(40,30) 165.50 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

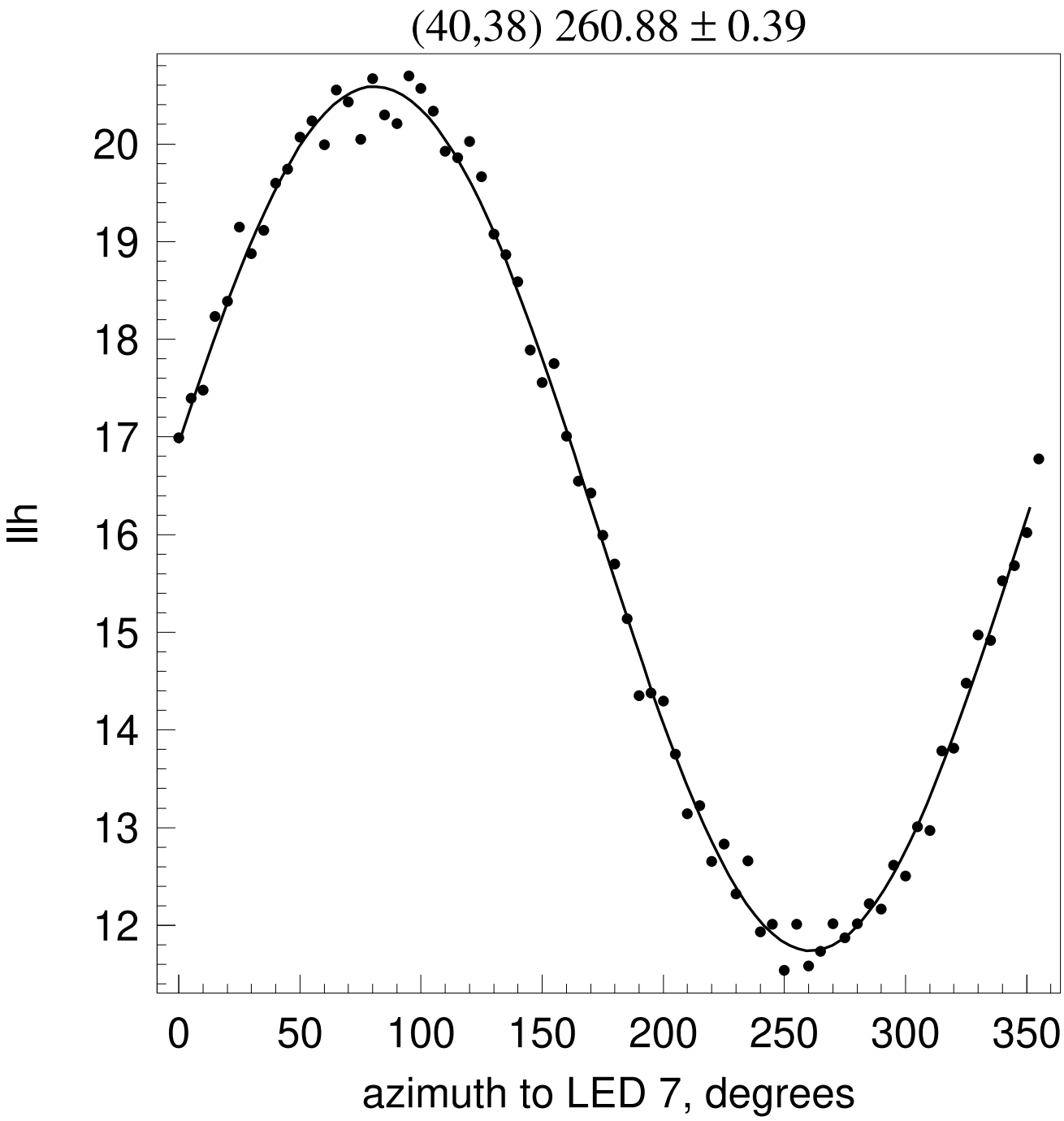

(40,31) 250.26 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

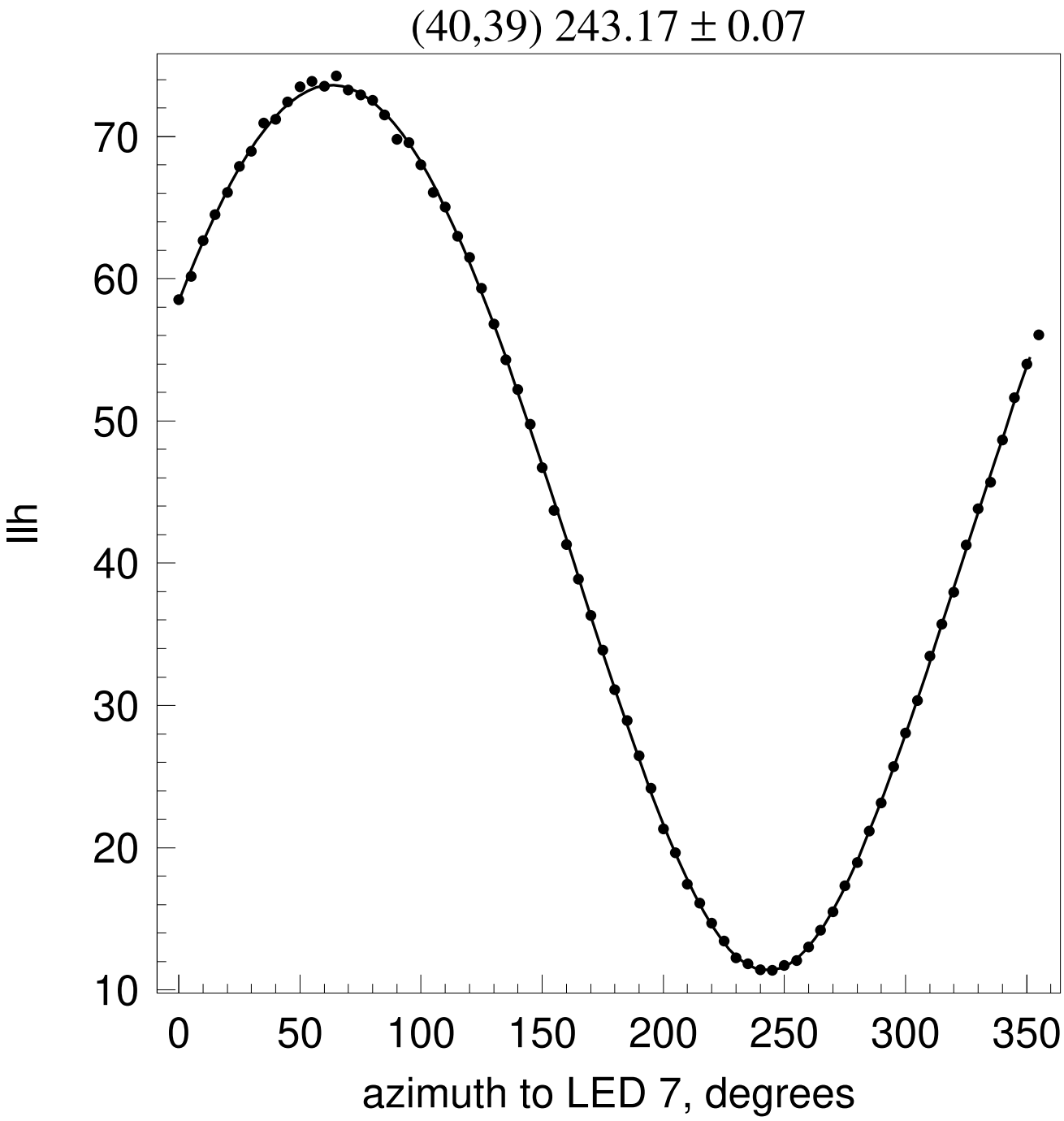

(40,32) 193.96 ± 0.11
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

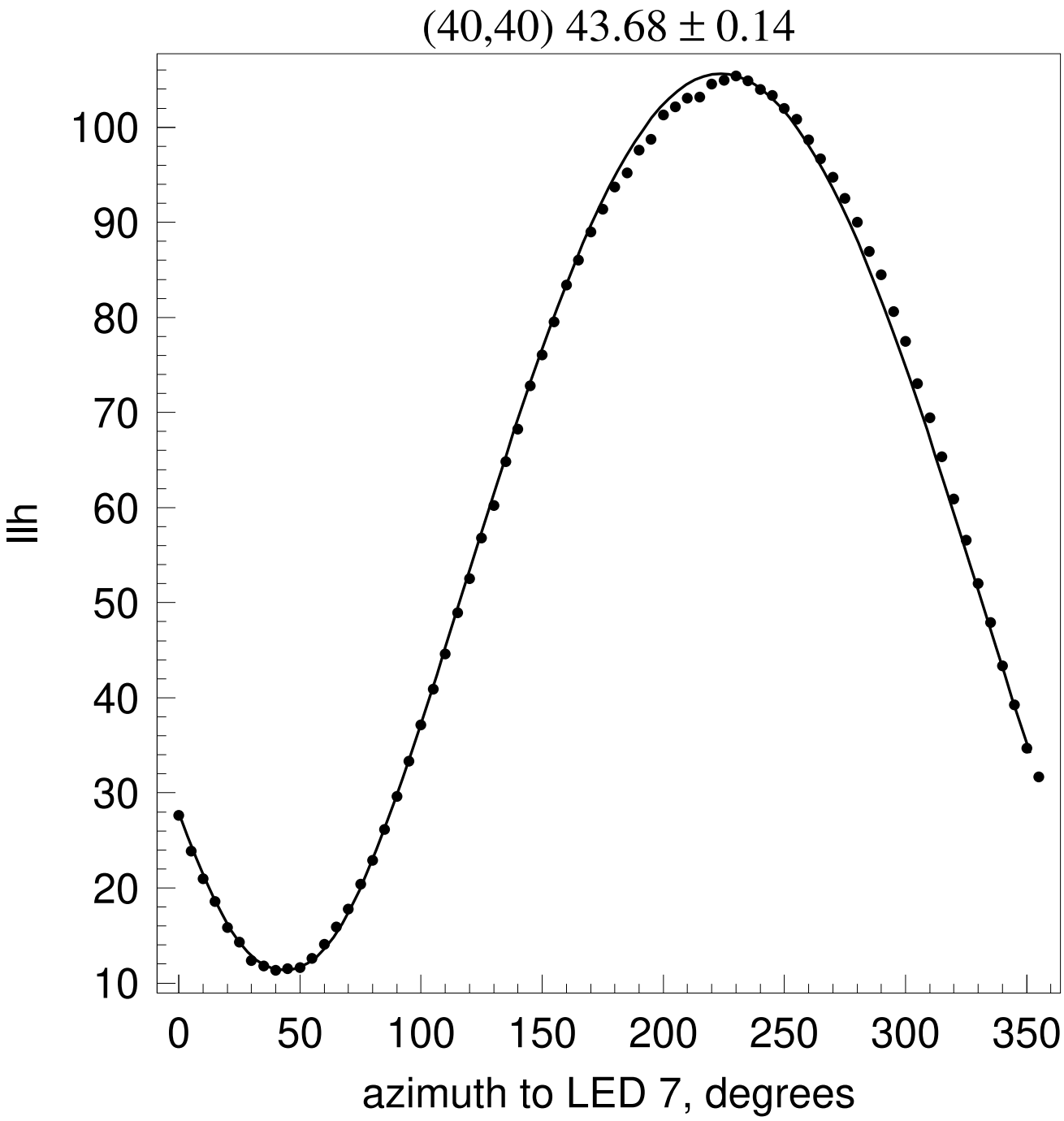

(40,35) 140.64 ± 1.82
14
13.5
13
12.5
12
11.5
11
10.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

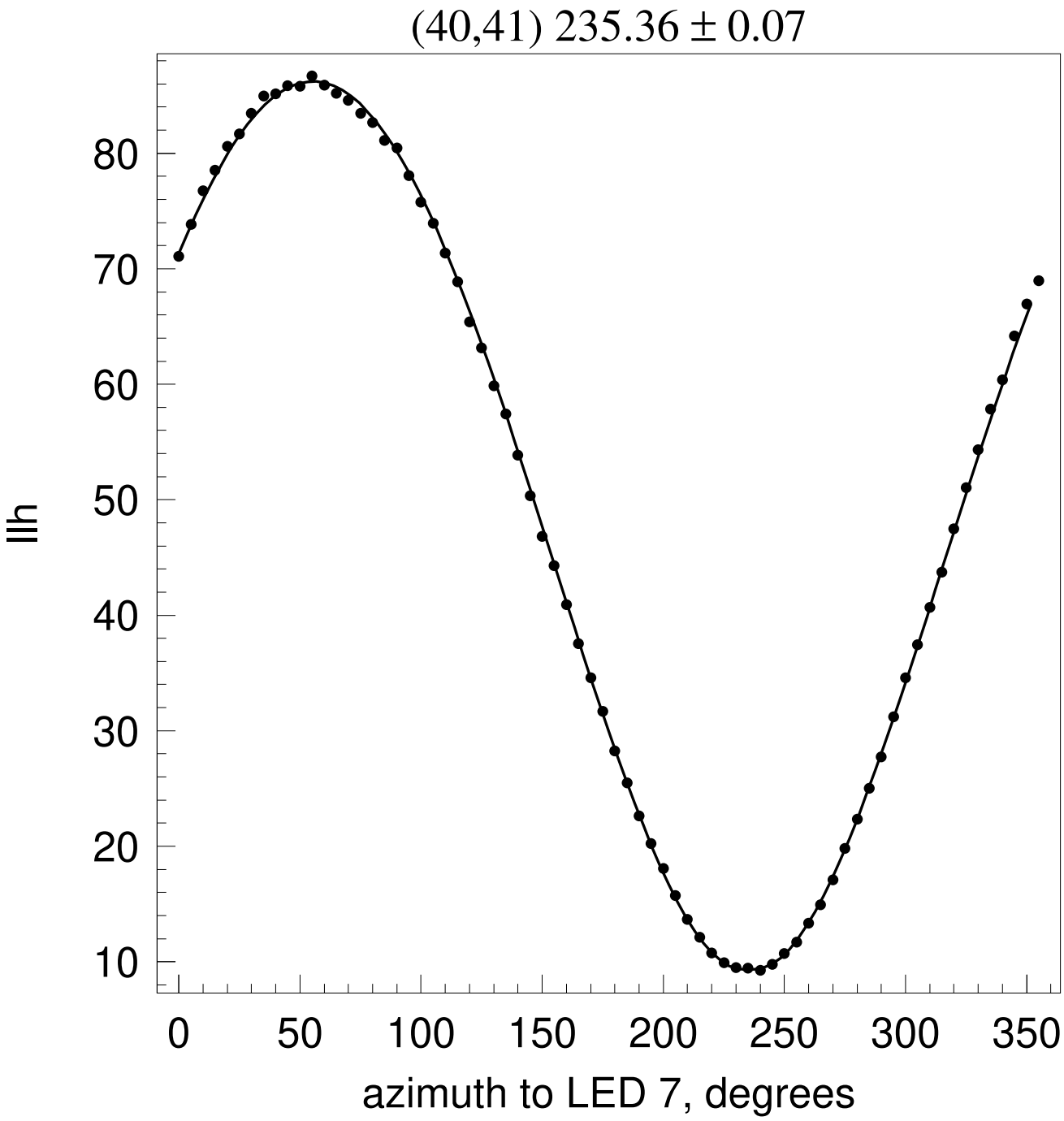

(40,36) 70.12 ± 12.95
llh
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
8.2
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

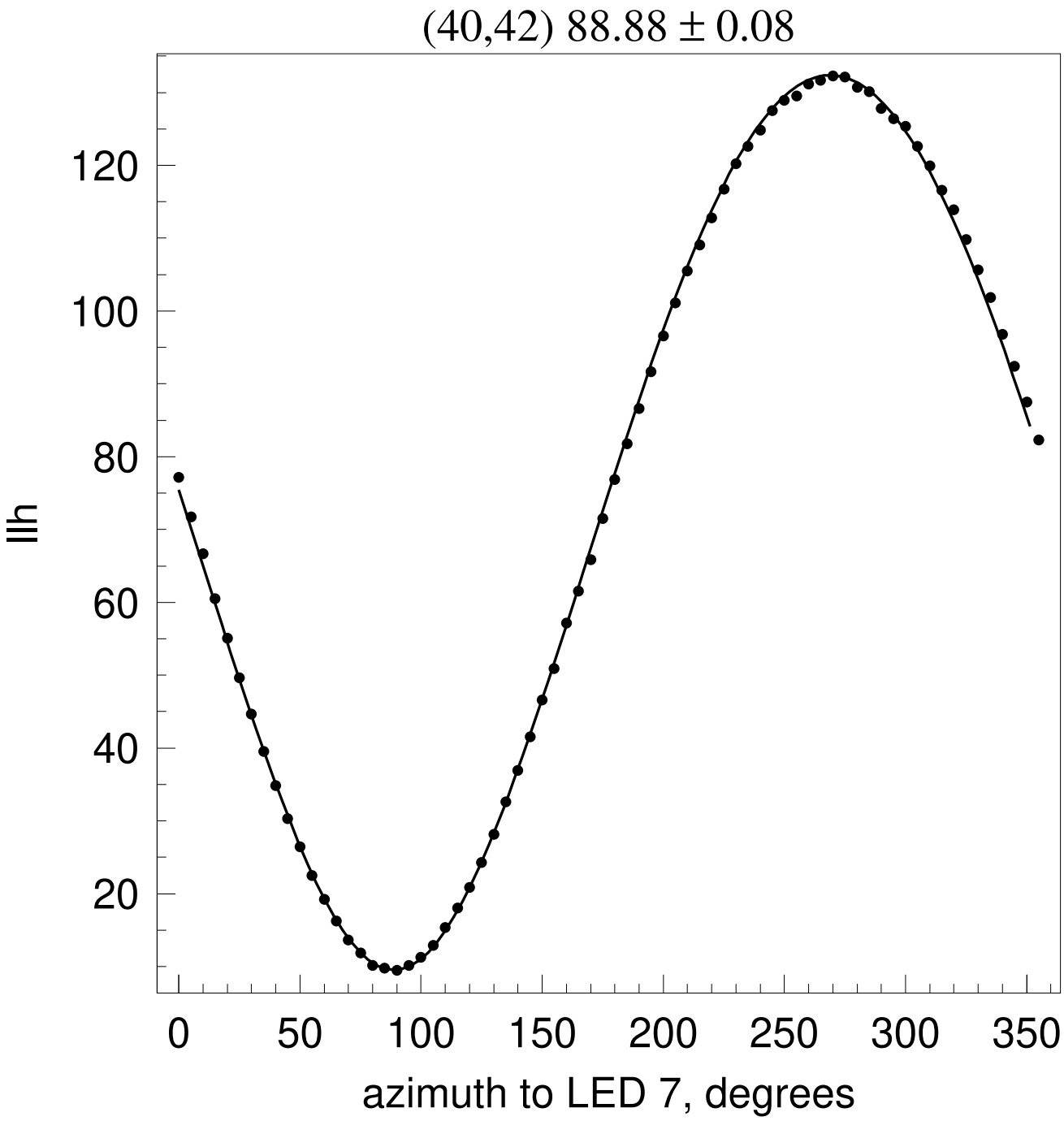

(40,37) 98.42 ± 6.47
9
8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
7.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

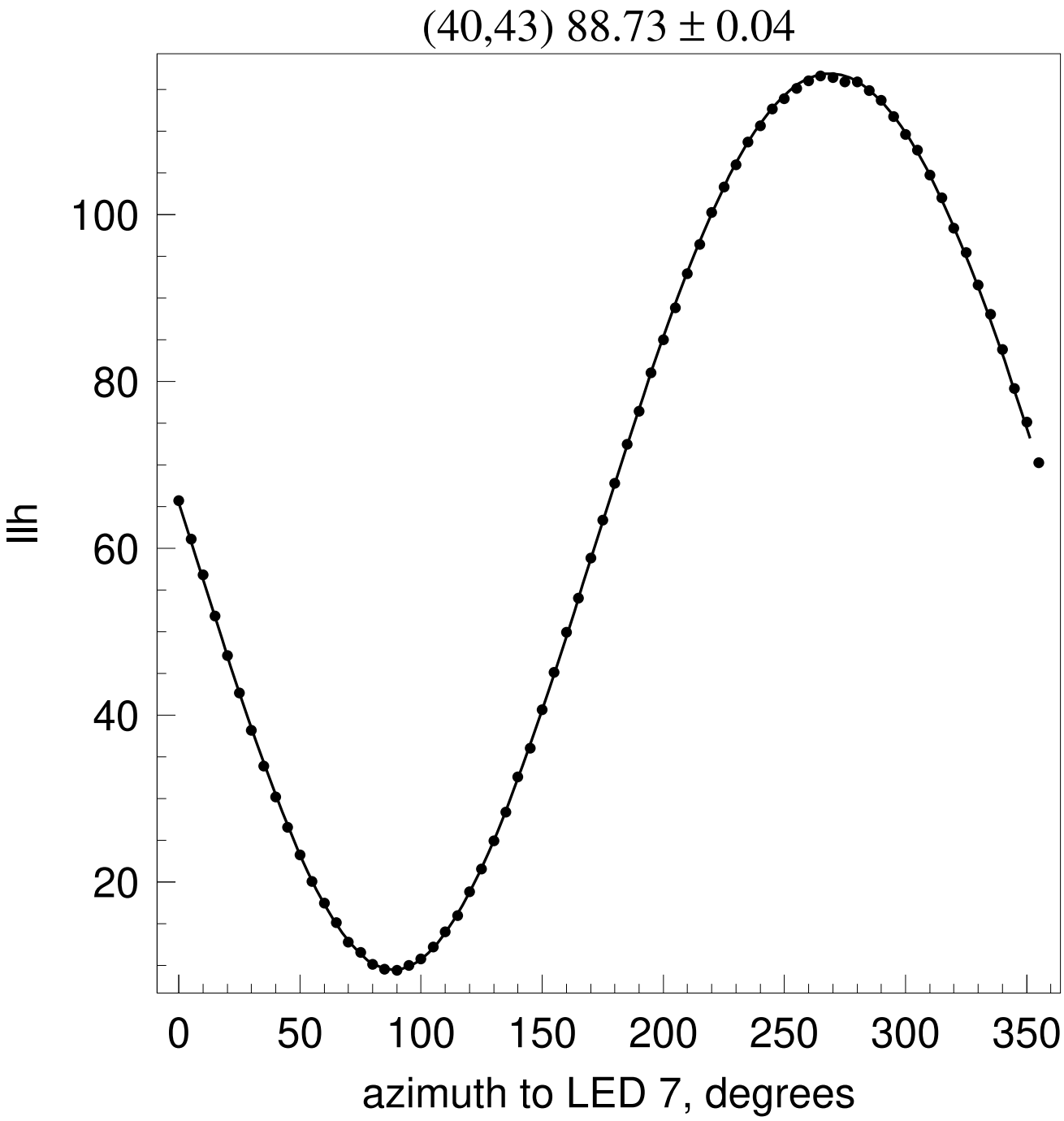

(40,38) 260.88 ± 0.39
20
19
18
17
16
15
14
13
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

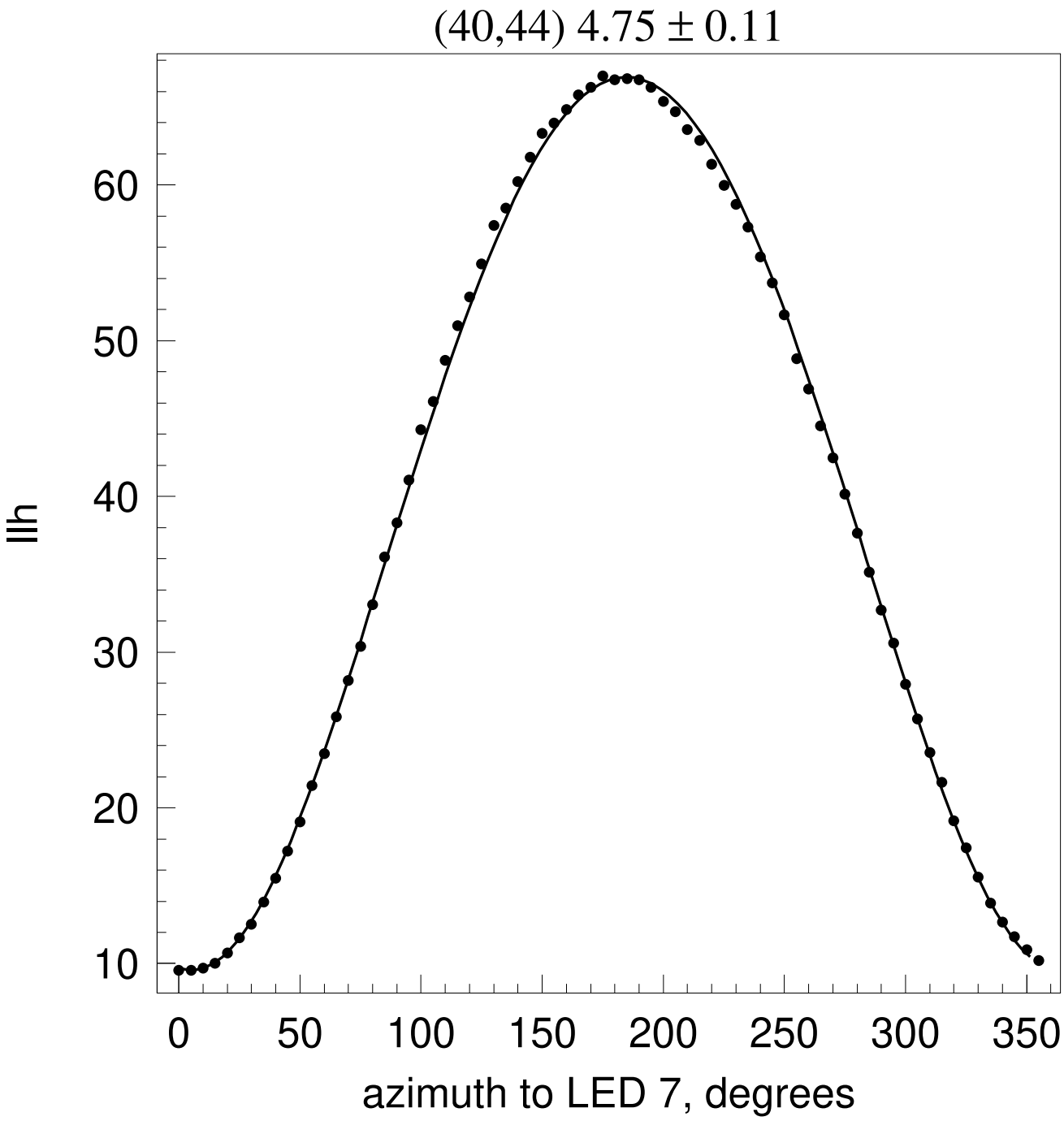

(40,39) 243.17 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

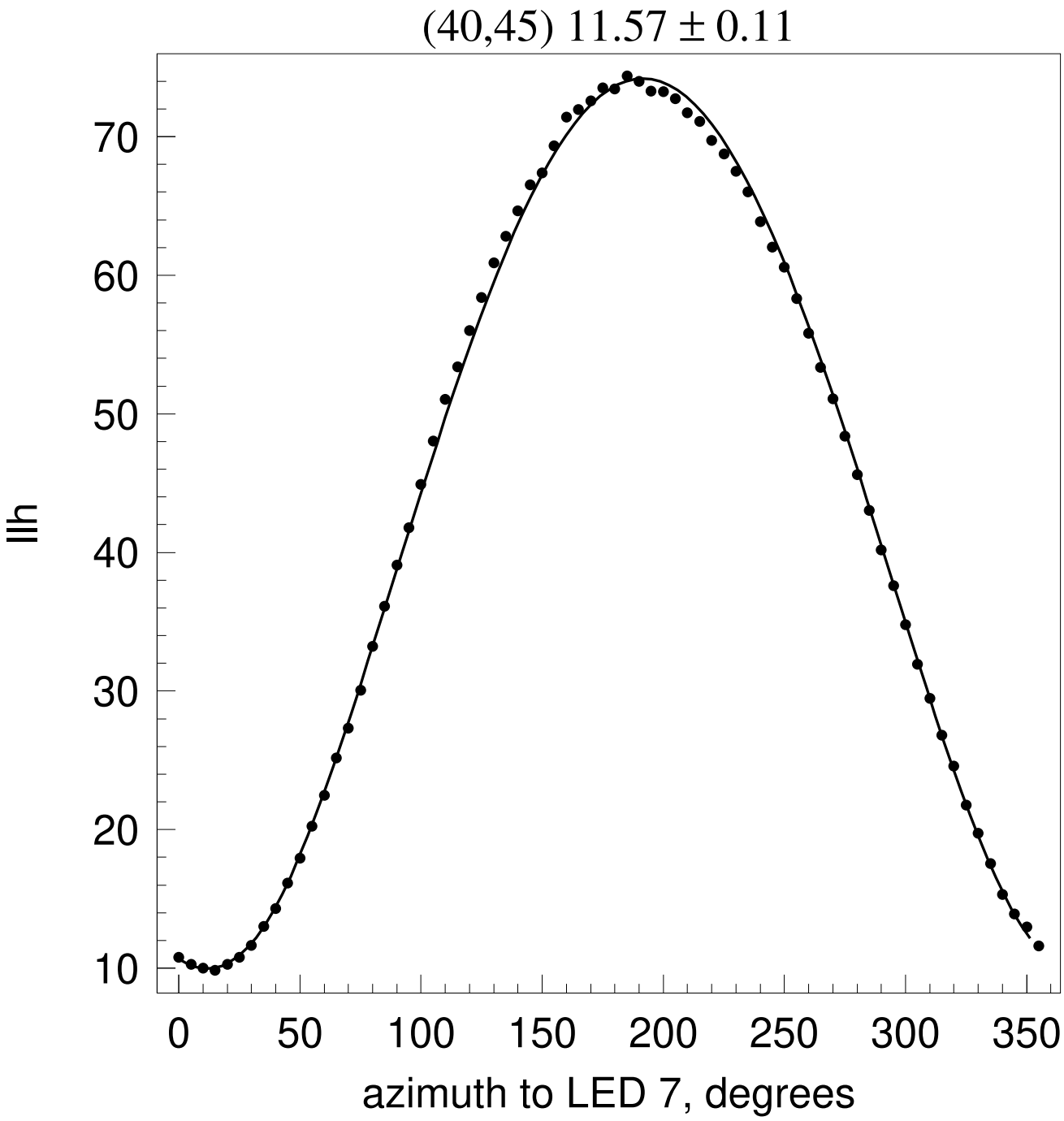

(40,40) 43.68 ± 0.14
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

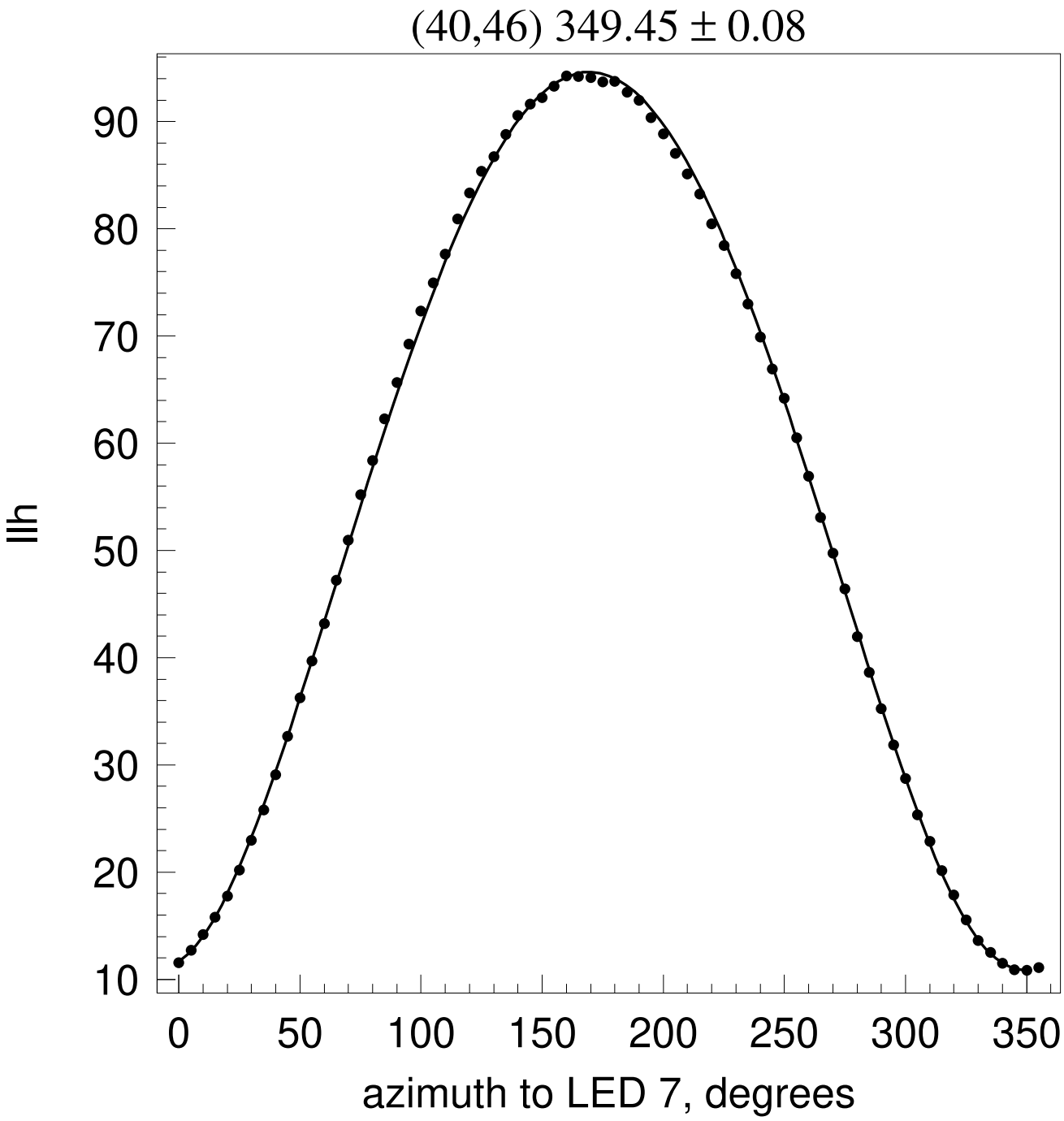

(40,41) 235.36 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

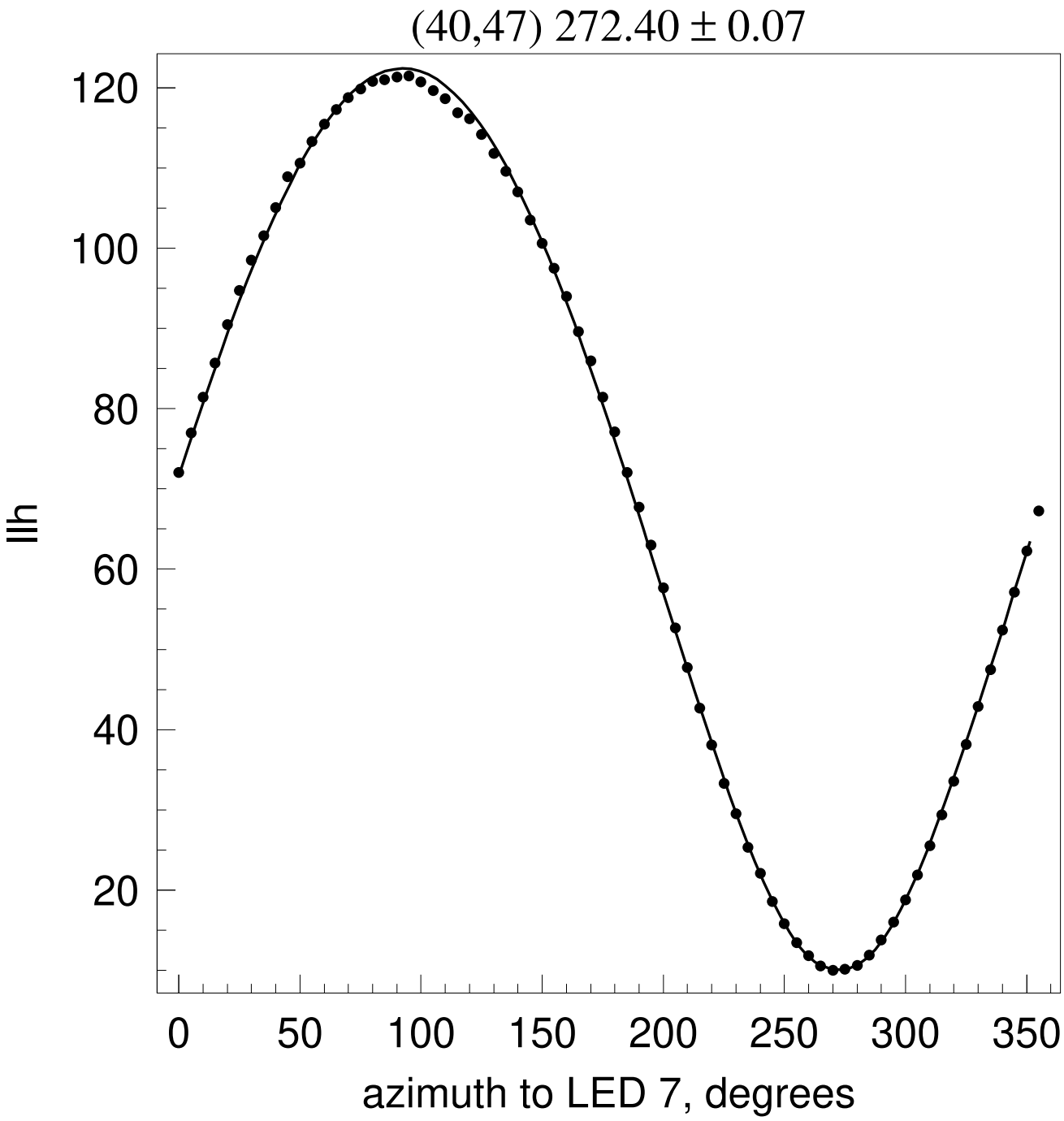

(40,42) 88.88 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

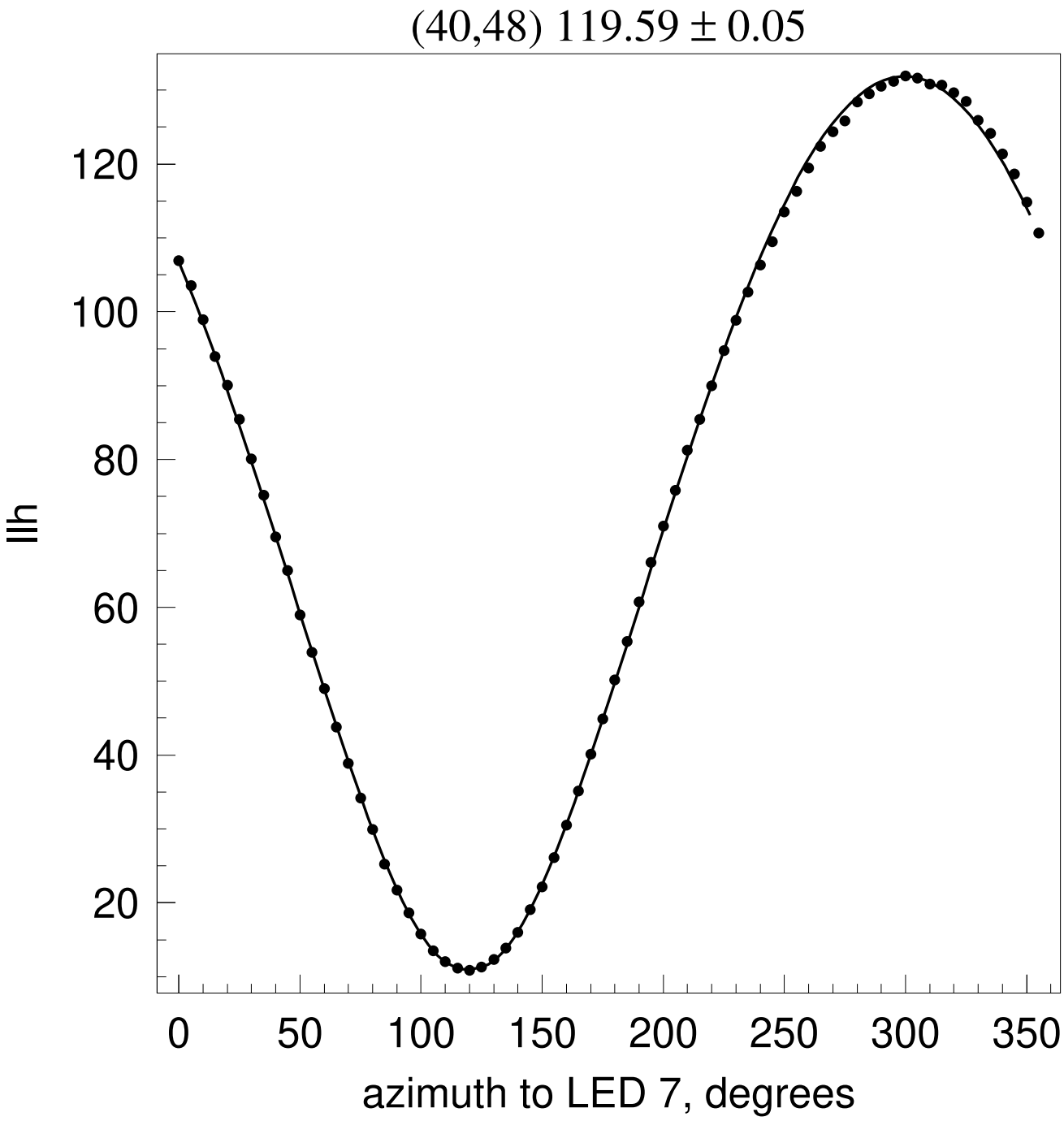

(40,43) 88.73 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

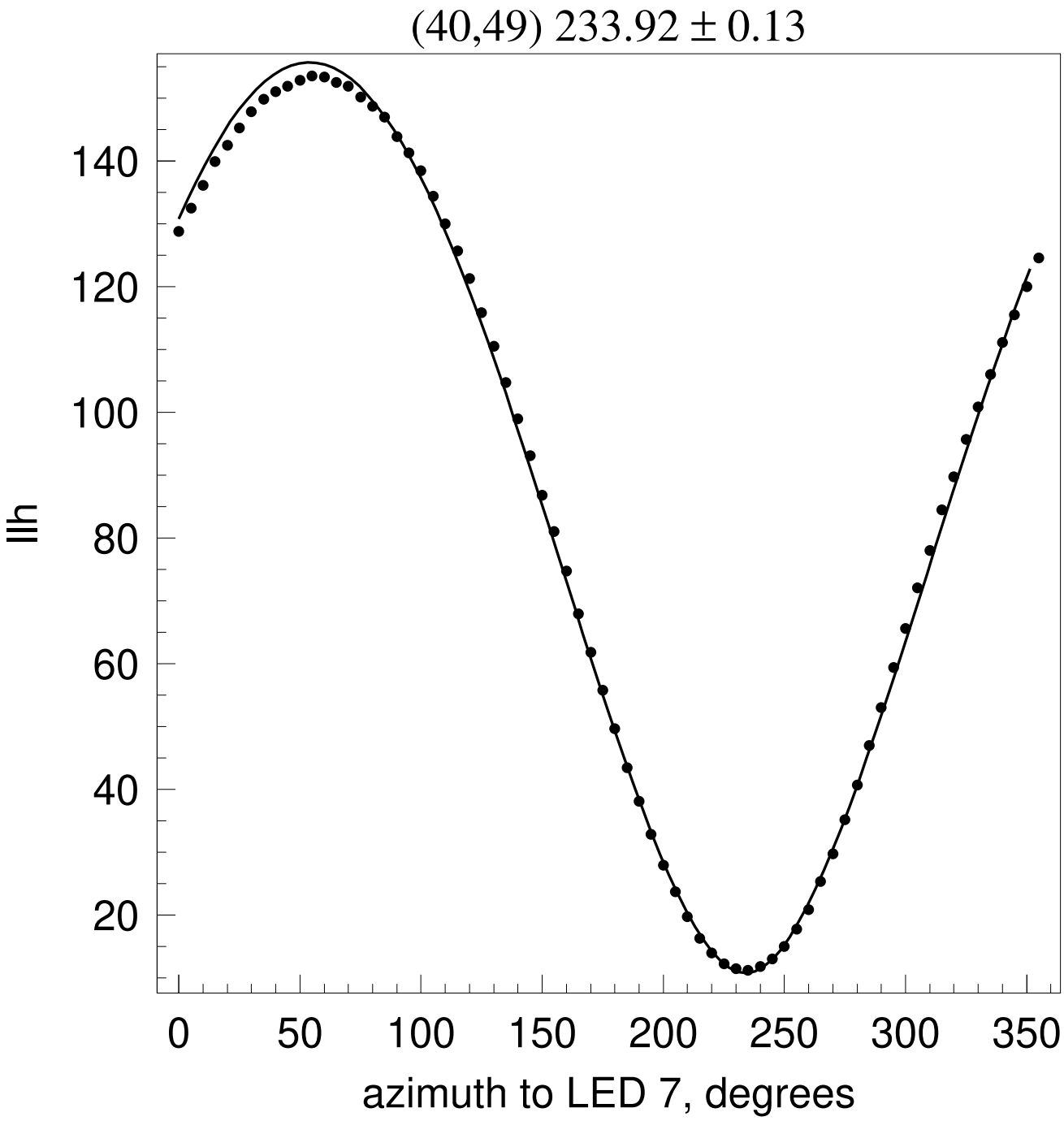

(40,44) 4.75 ± 0.11
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

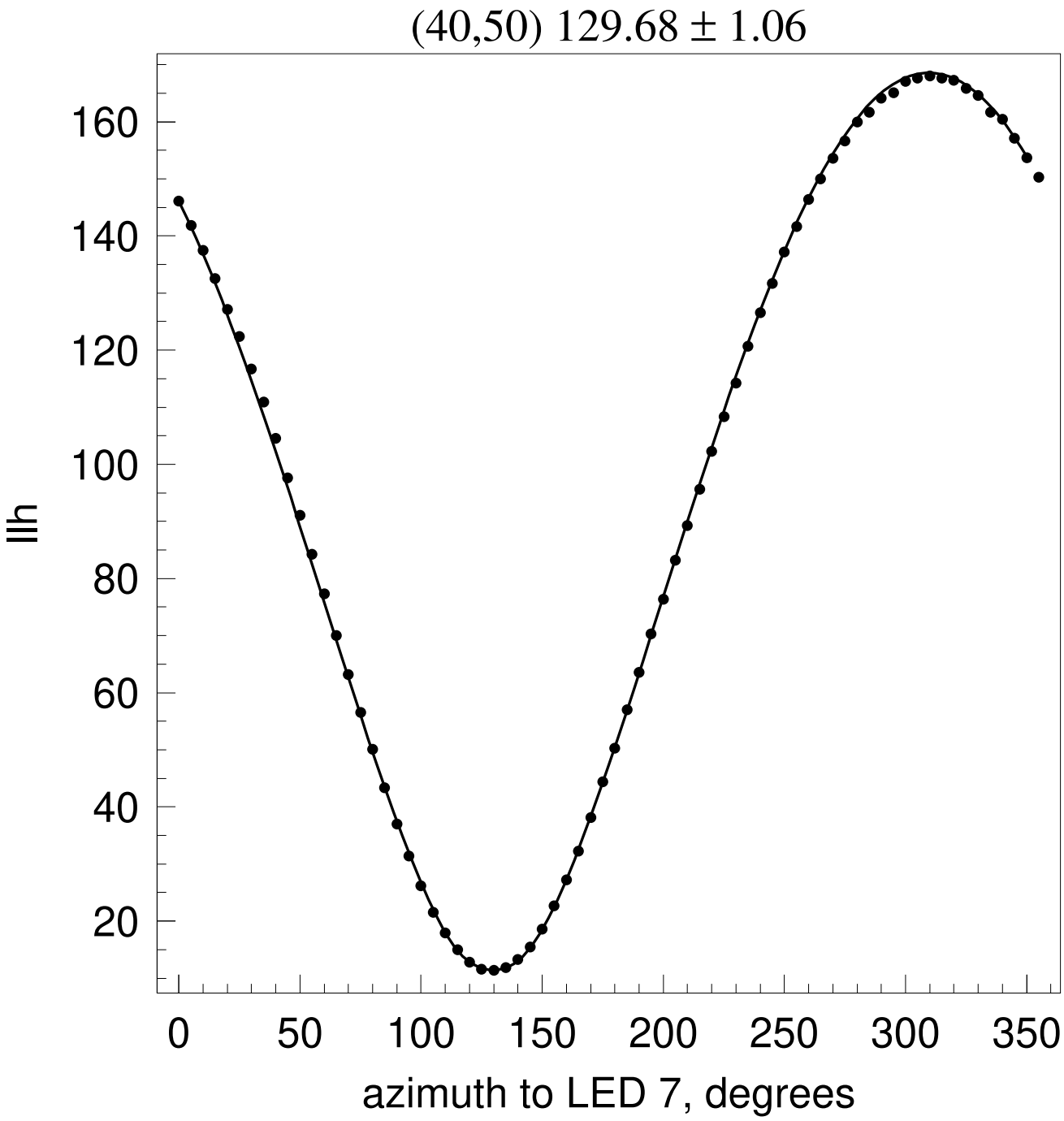

(40,45) 11.57 ± 0.11
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

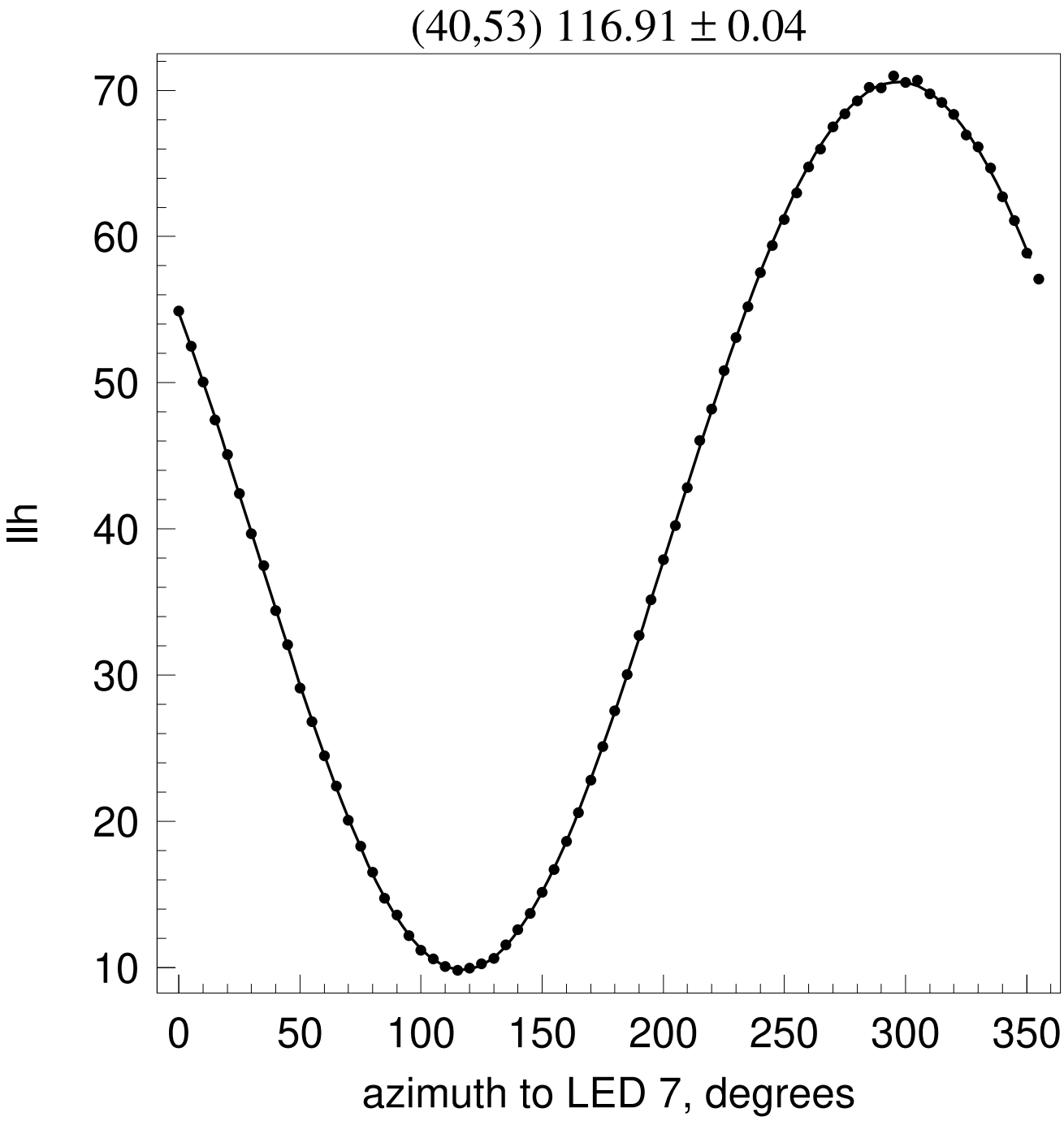

(40,46) 349.45 ± 0.08
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

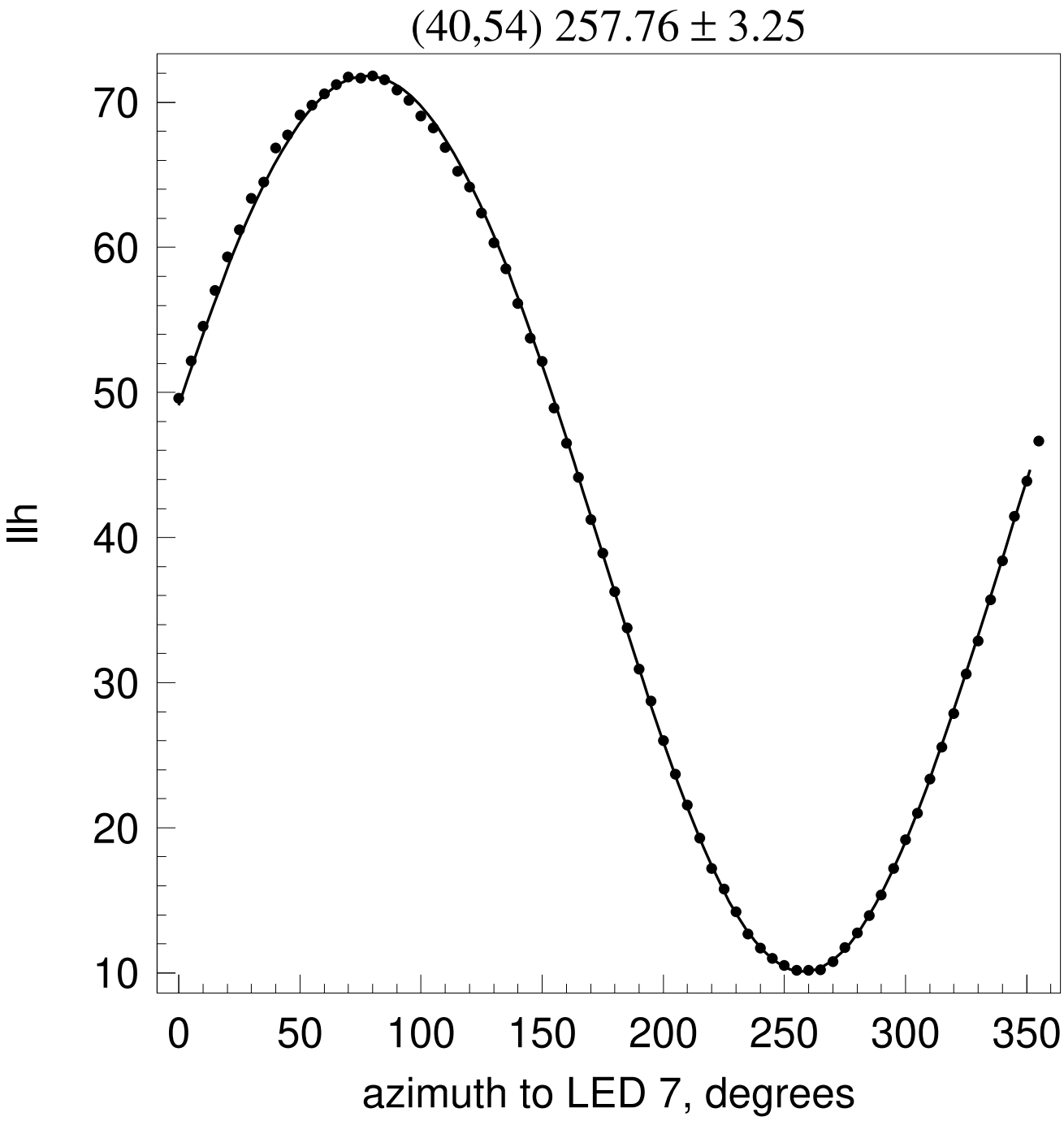

(40,47) 272.40 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

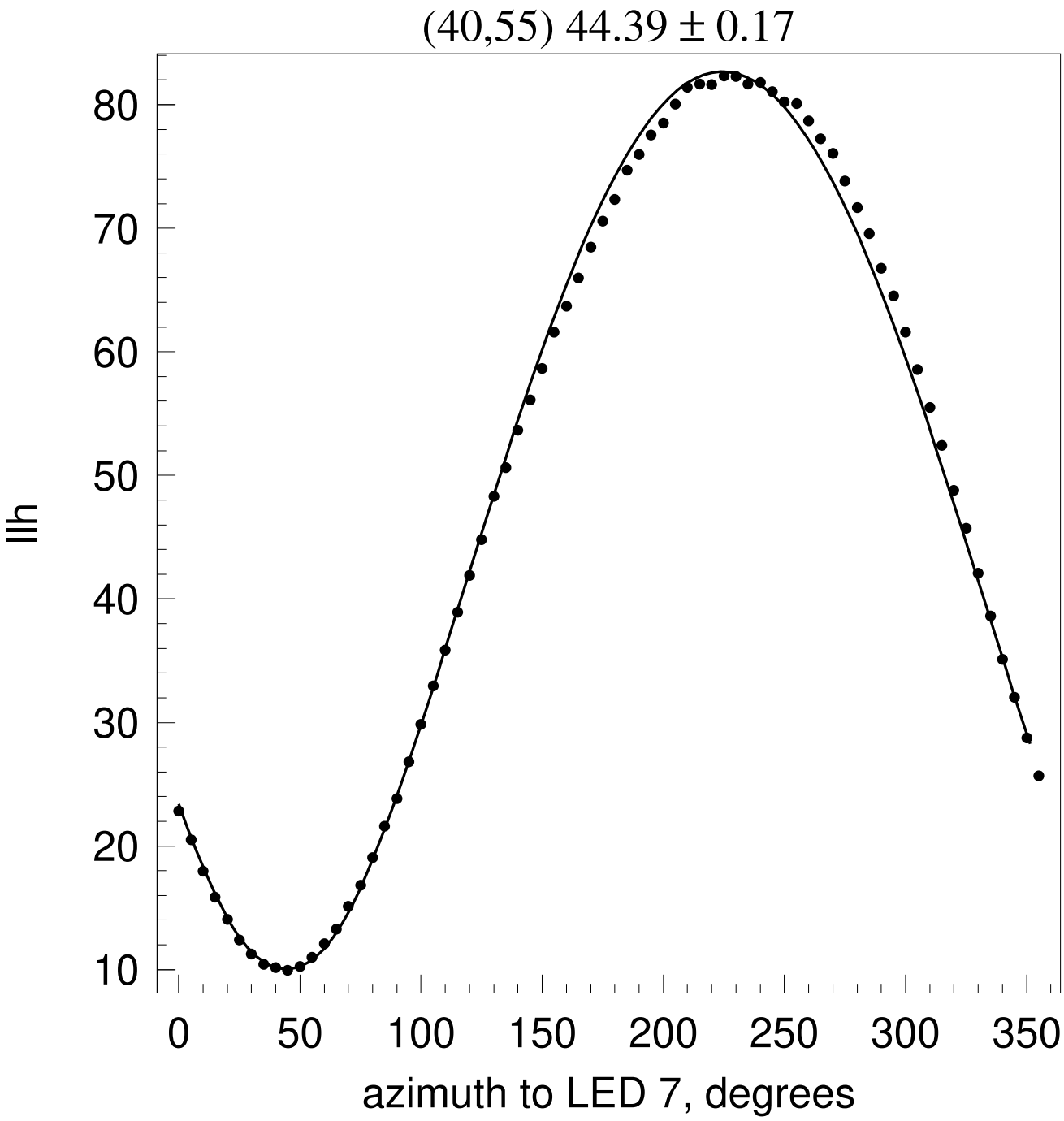

(40,48) 119.59 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

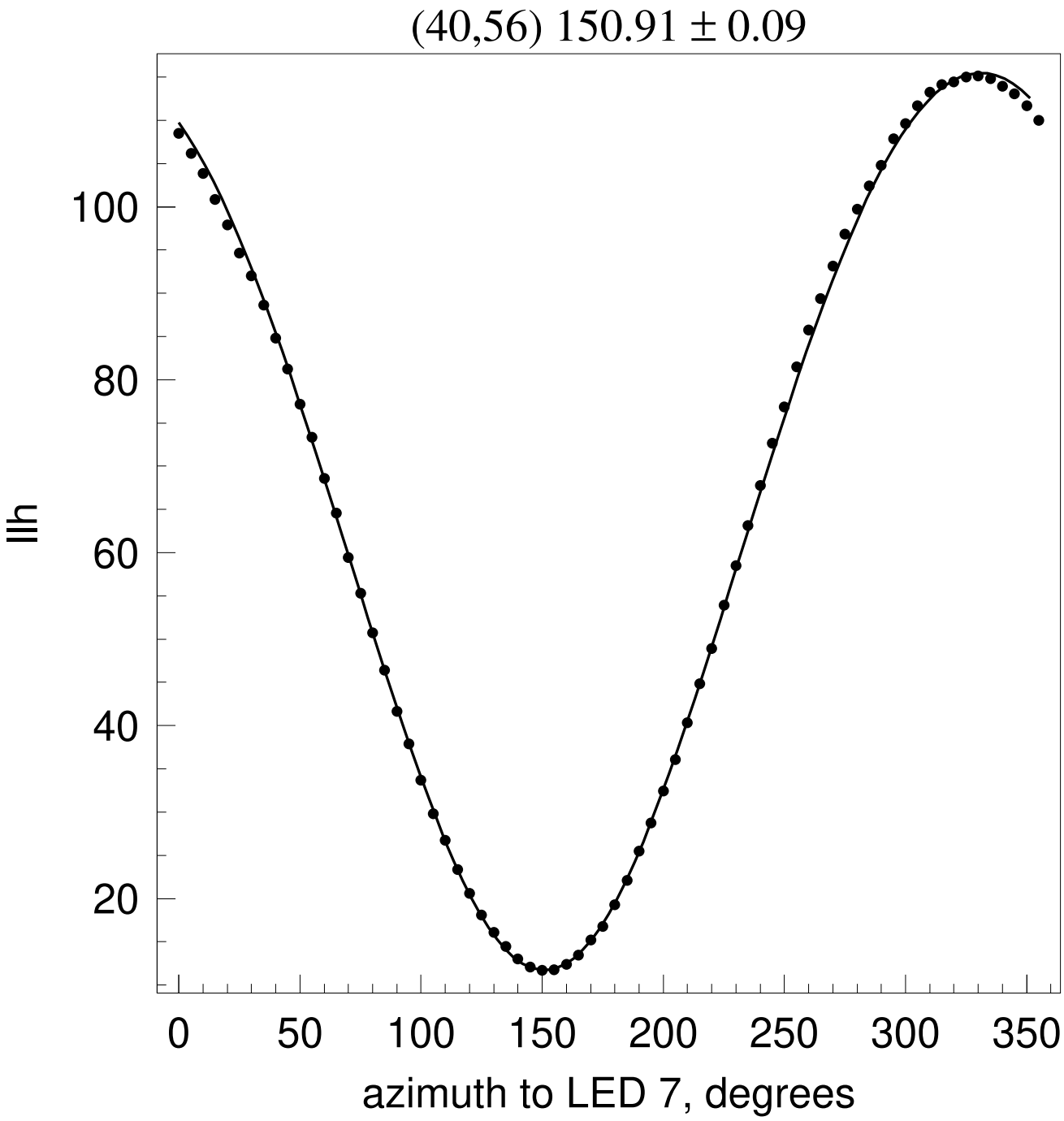

(40,49) 233.92 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

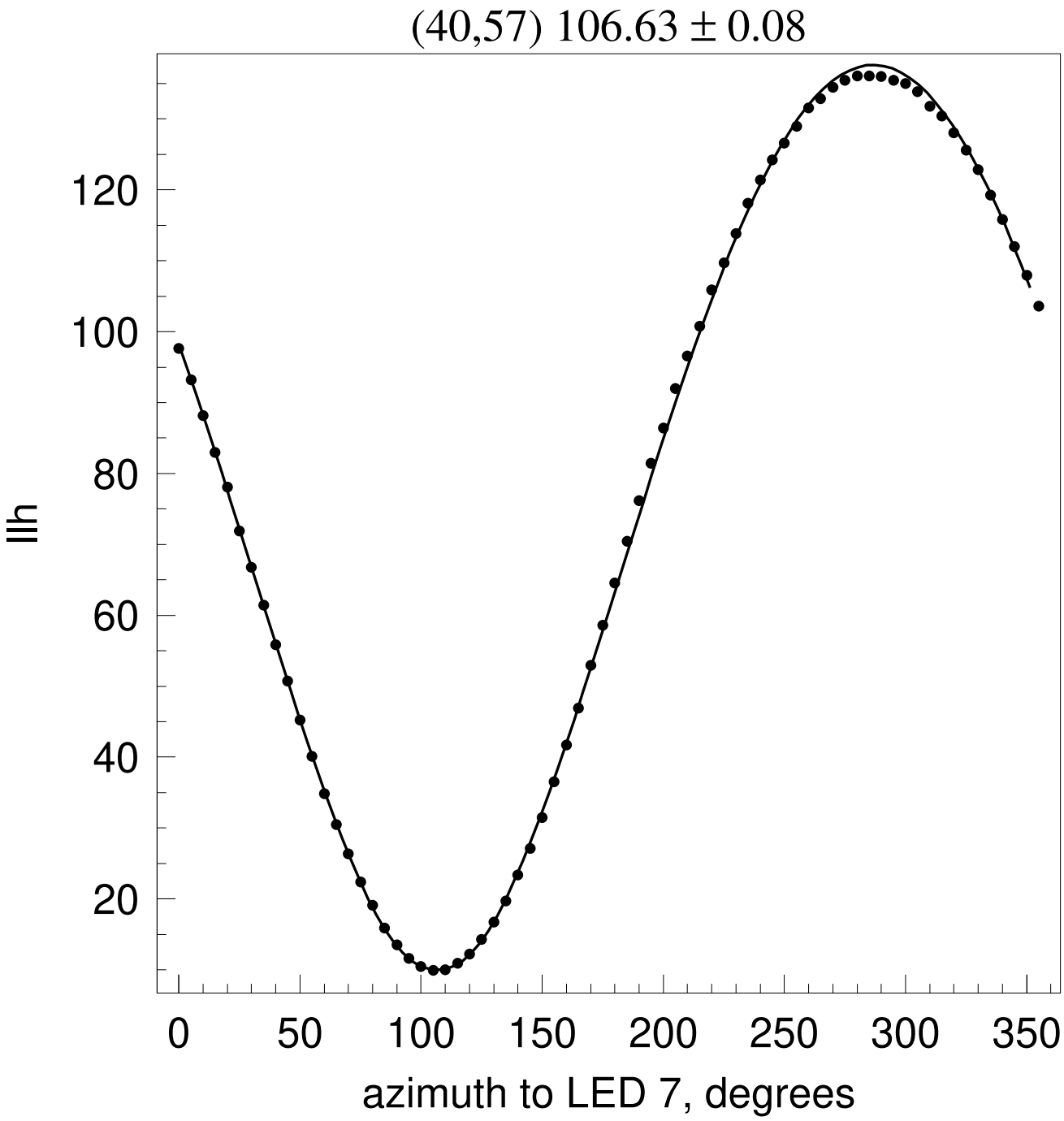

(40,50) 129.68 ± 1.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

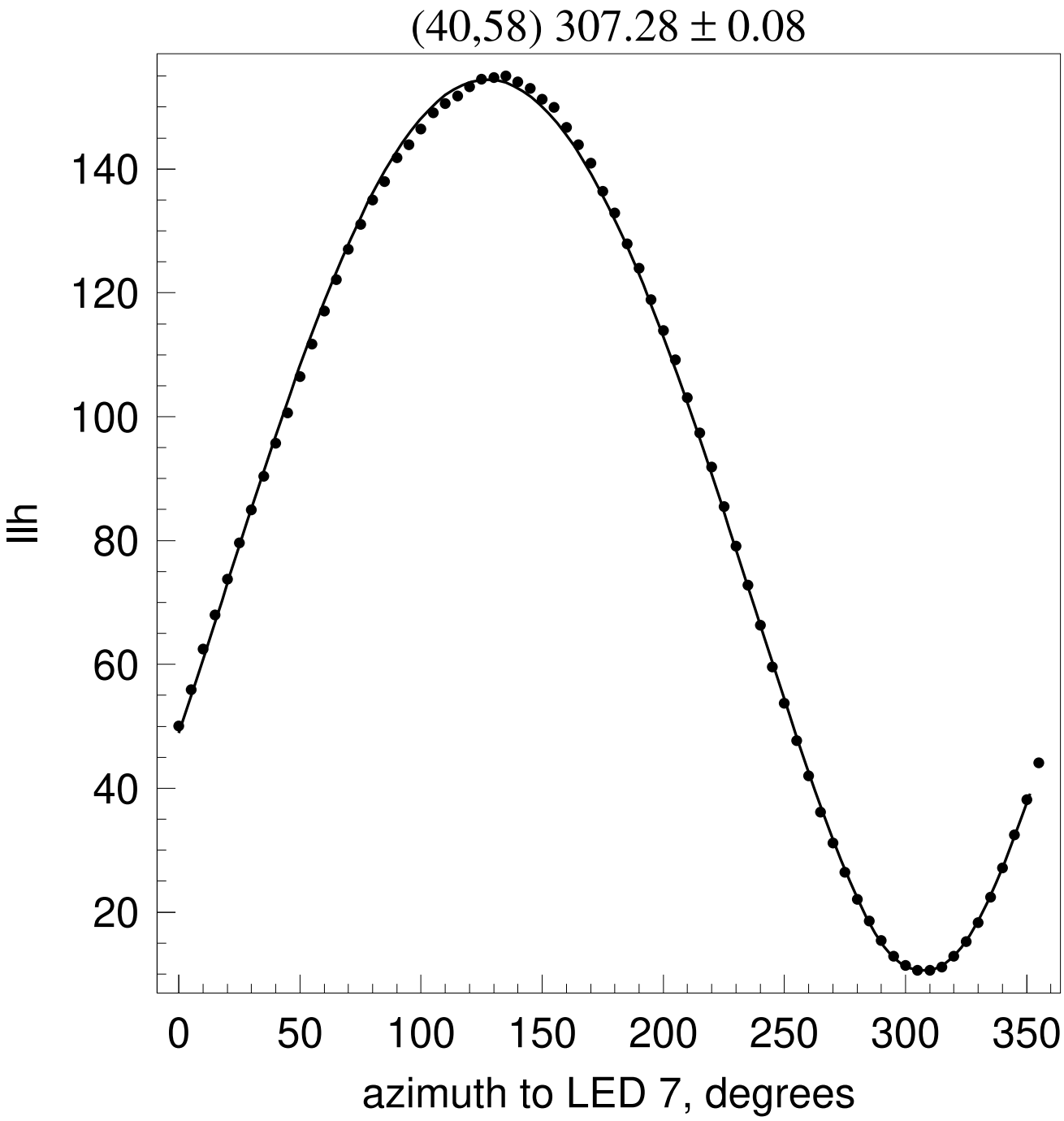

(40,53) 116.91 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

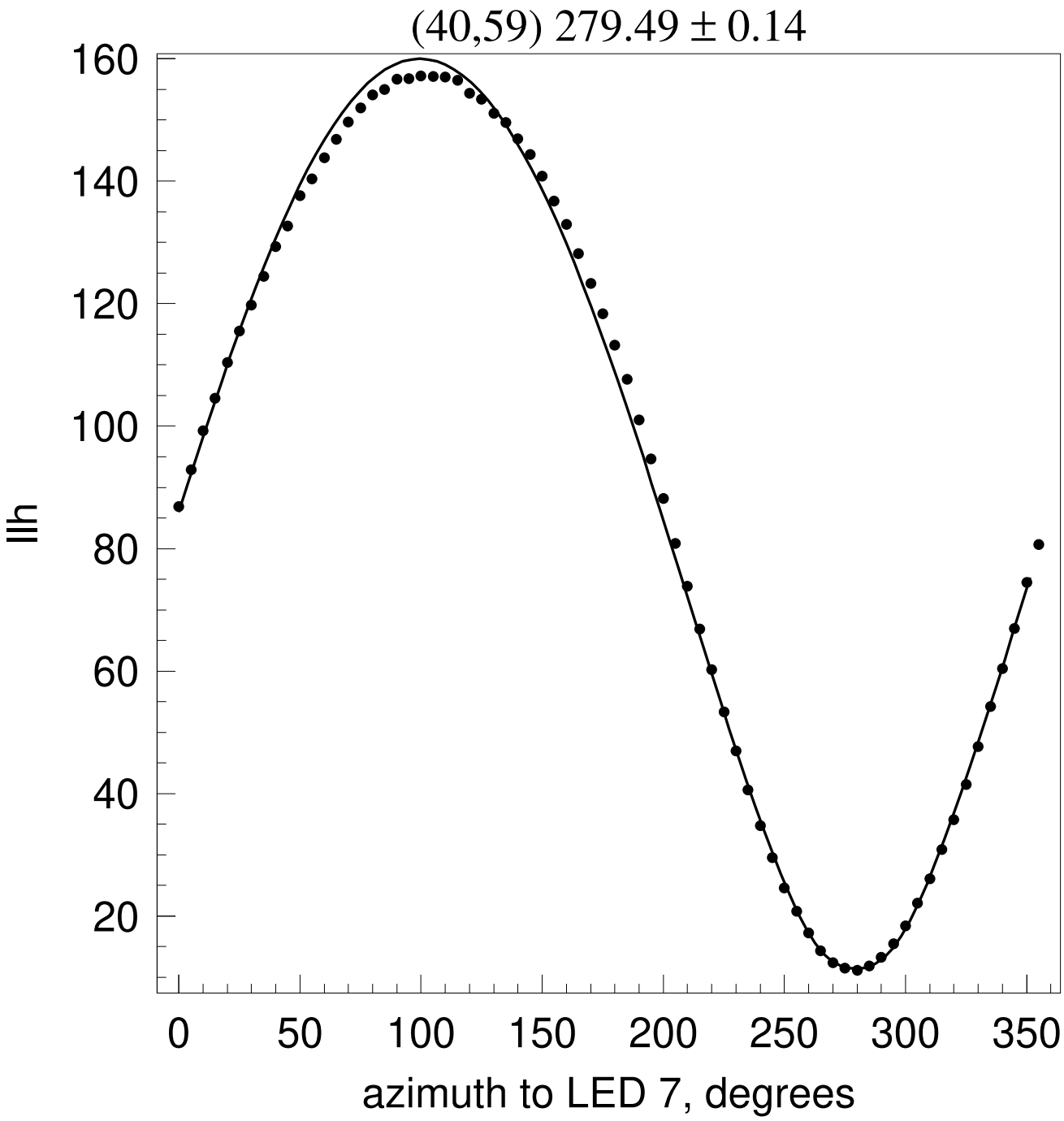

(40,54) 257.76 ± 3.25
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

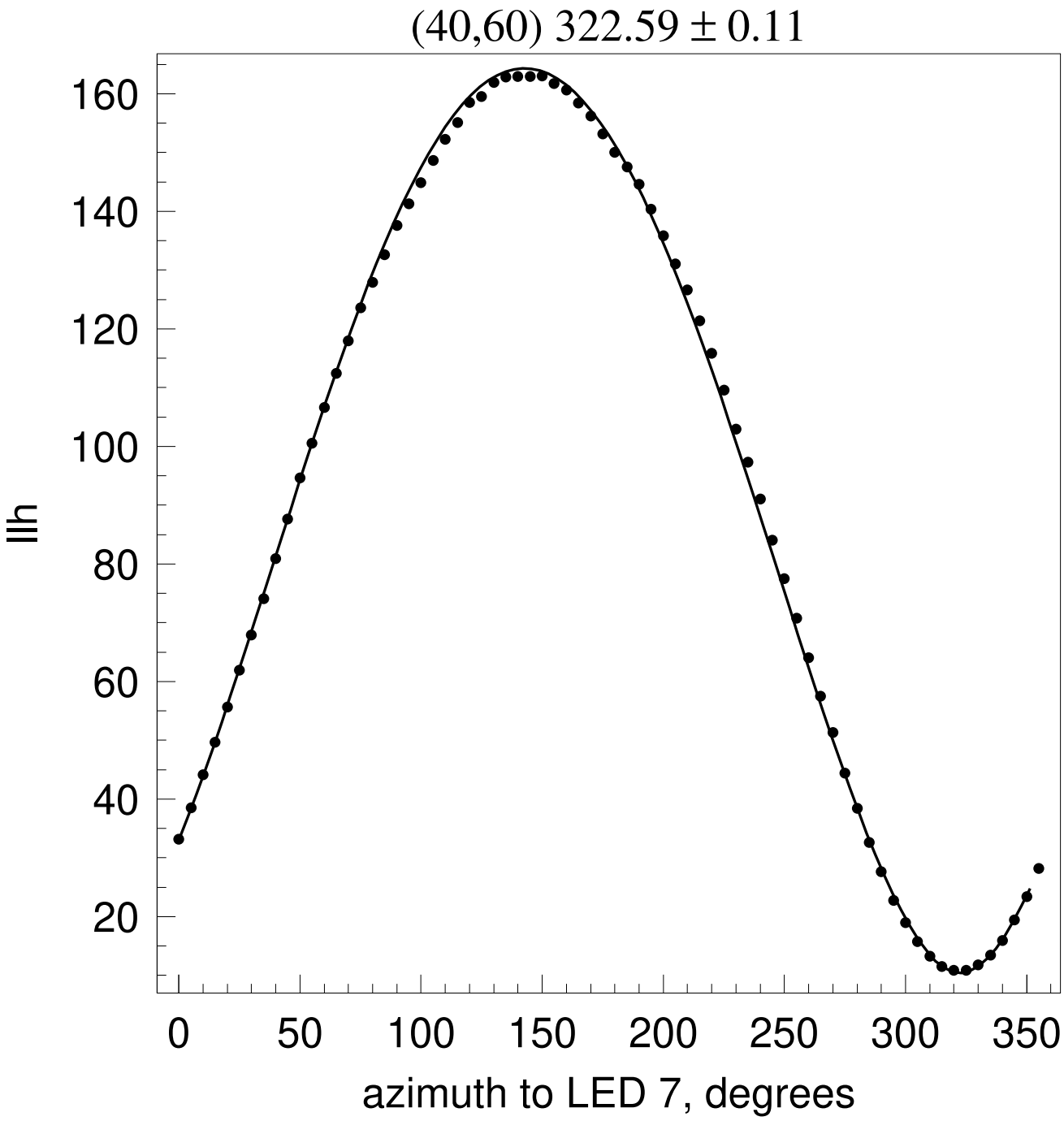

(40,55) 44.39 ± 0.17
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

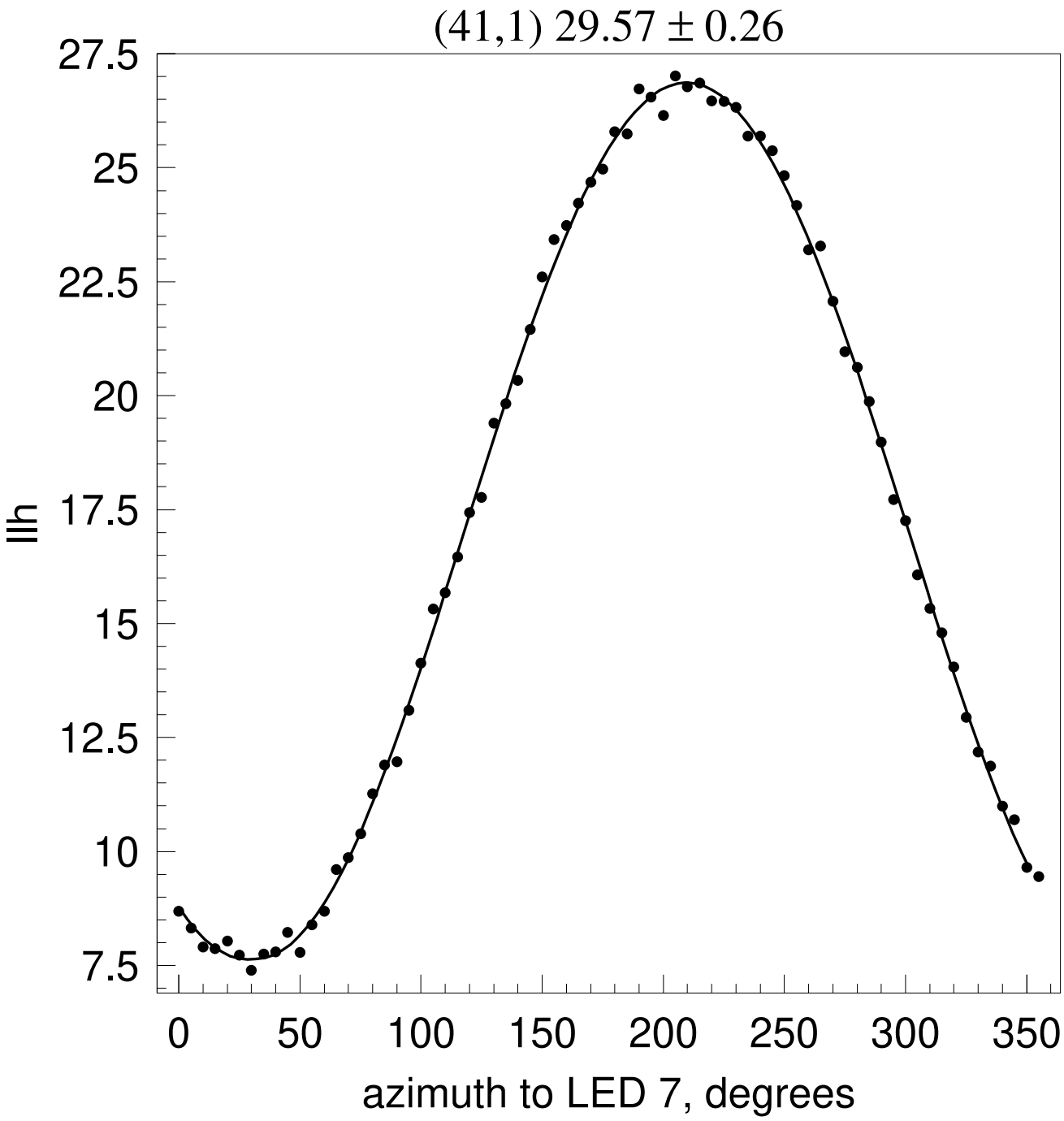

(40,56) 150.91 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

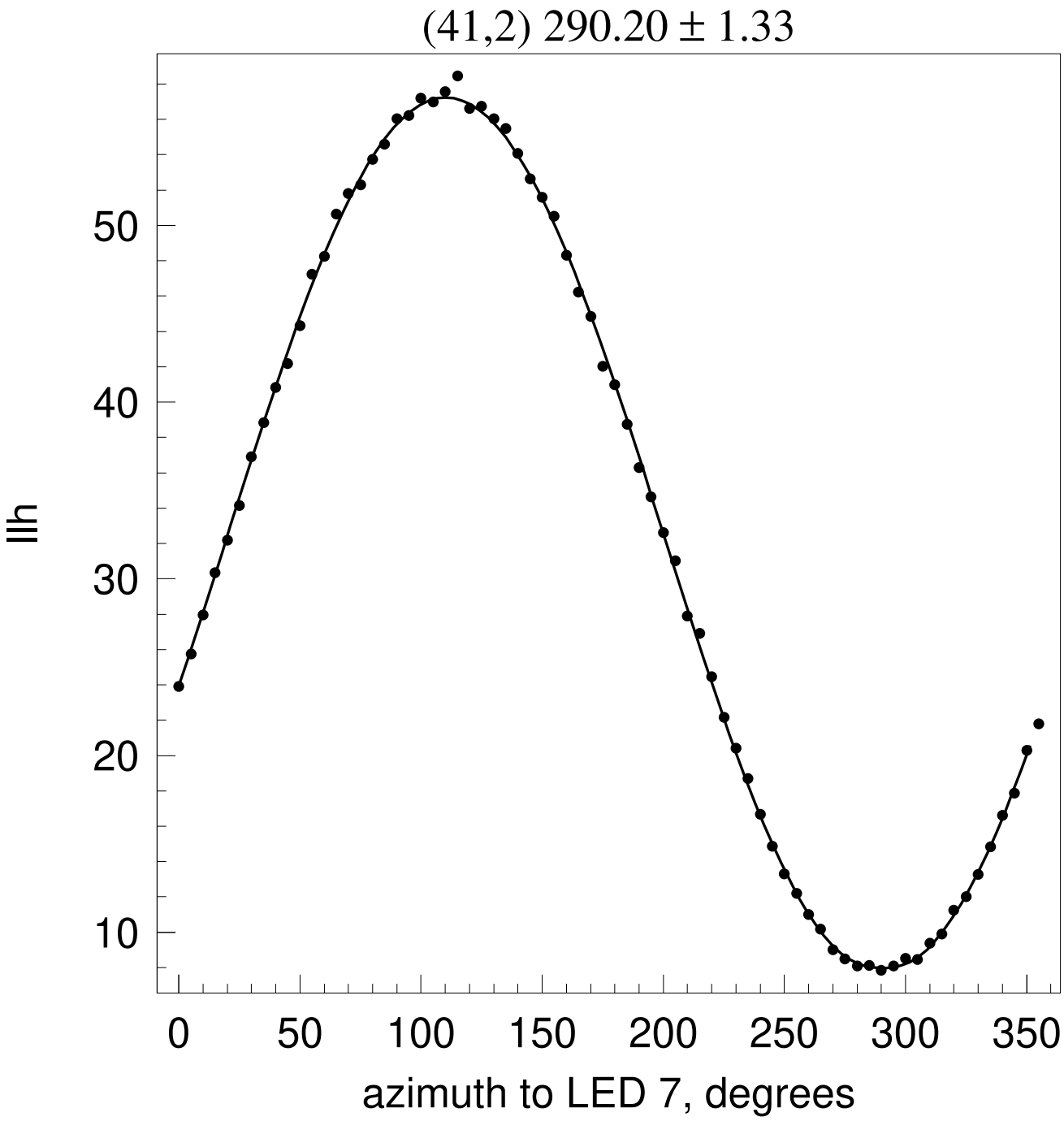

(40,57) 106.63 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

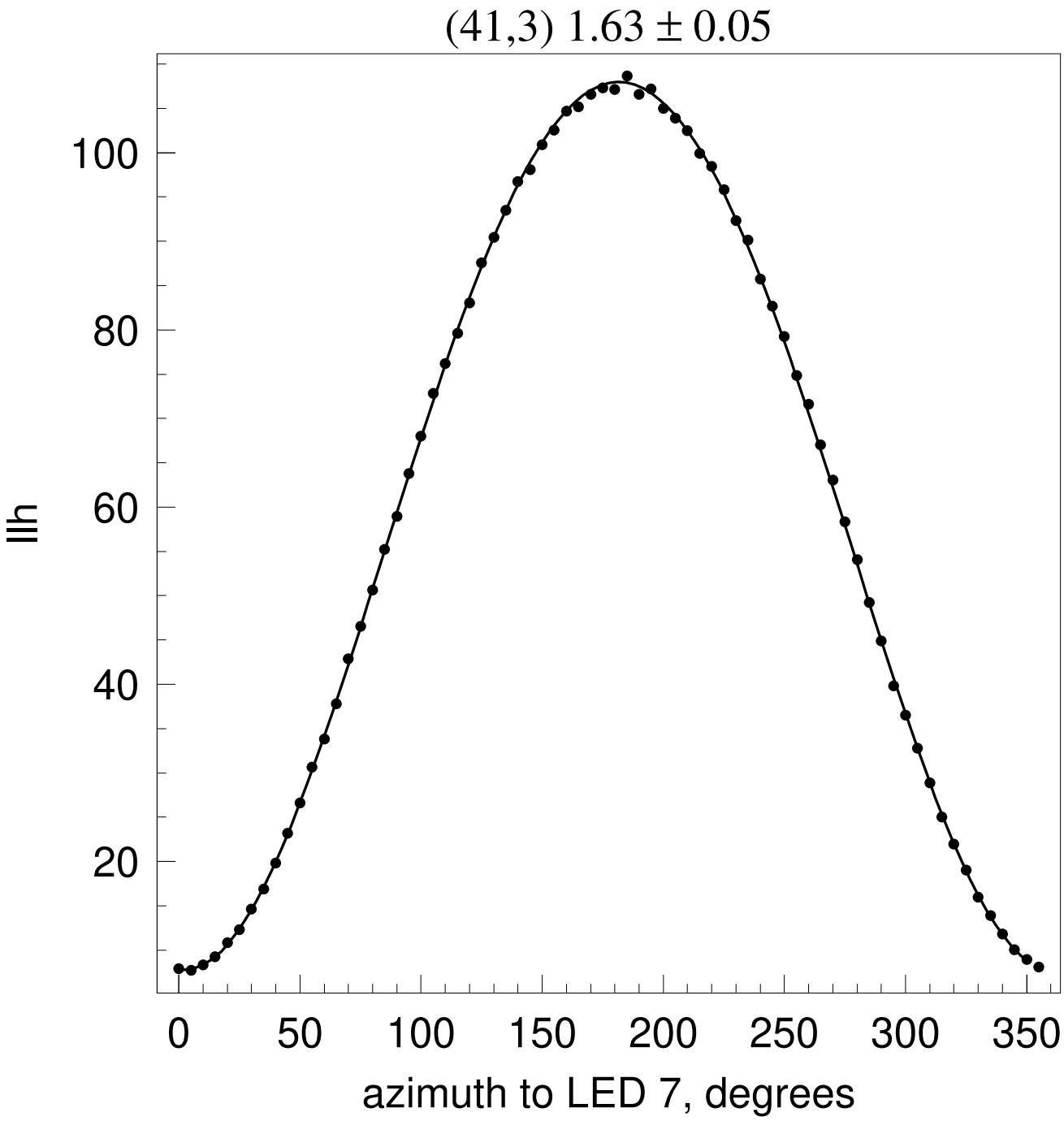

(40,58) 307.28 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

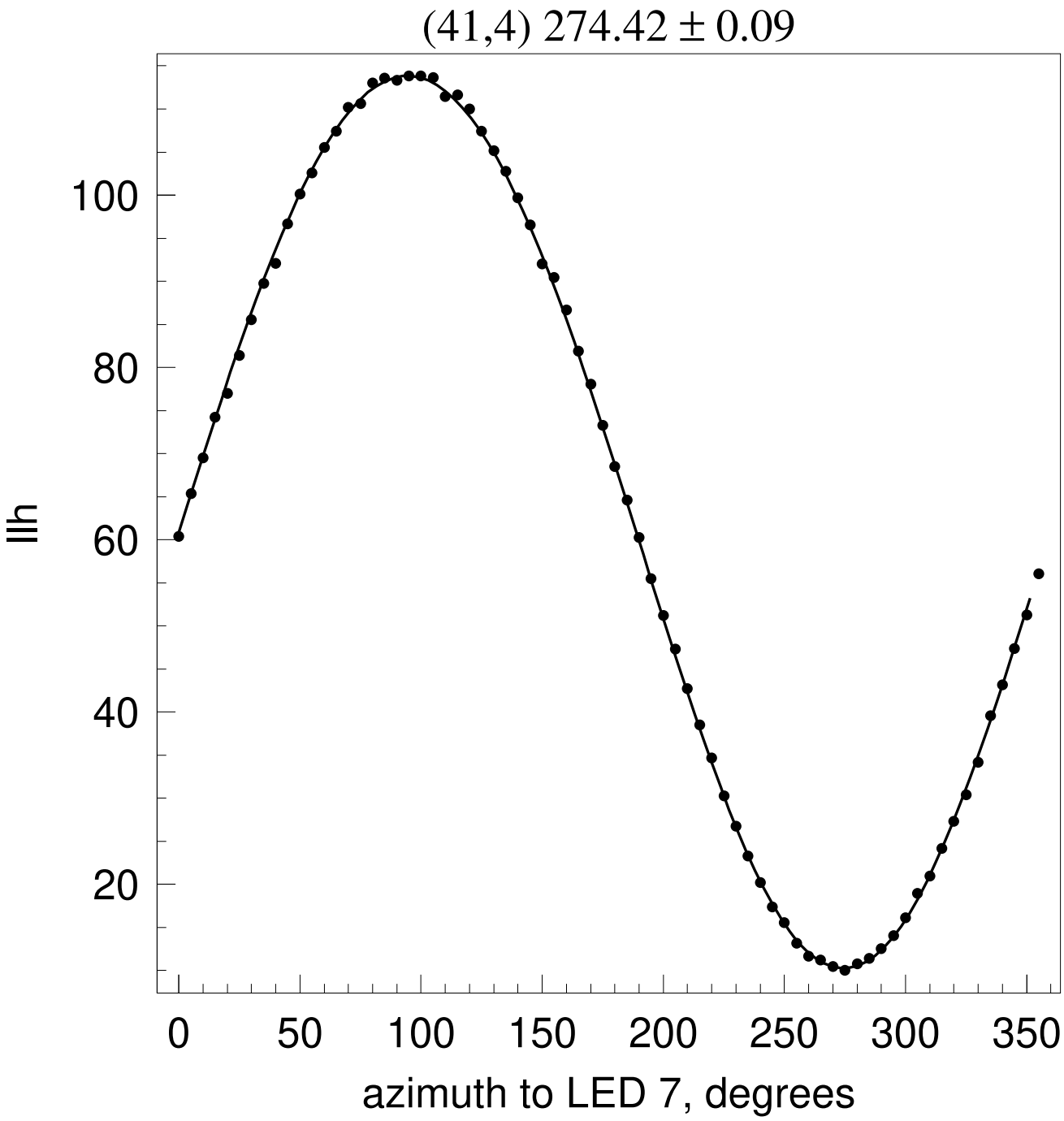

(40,59) 279.49 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

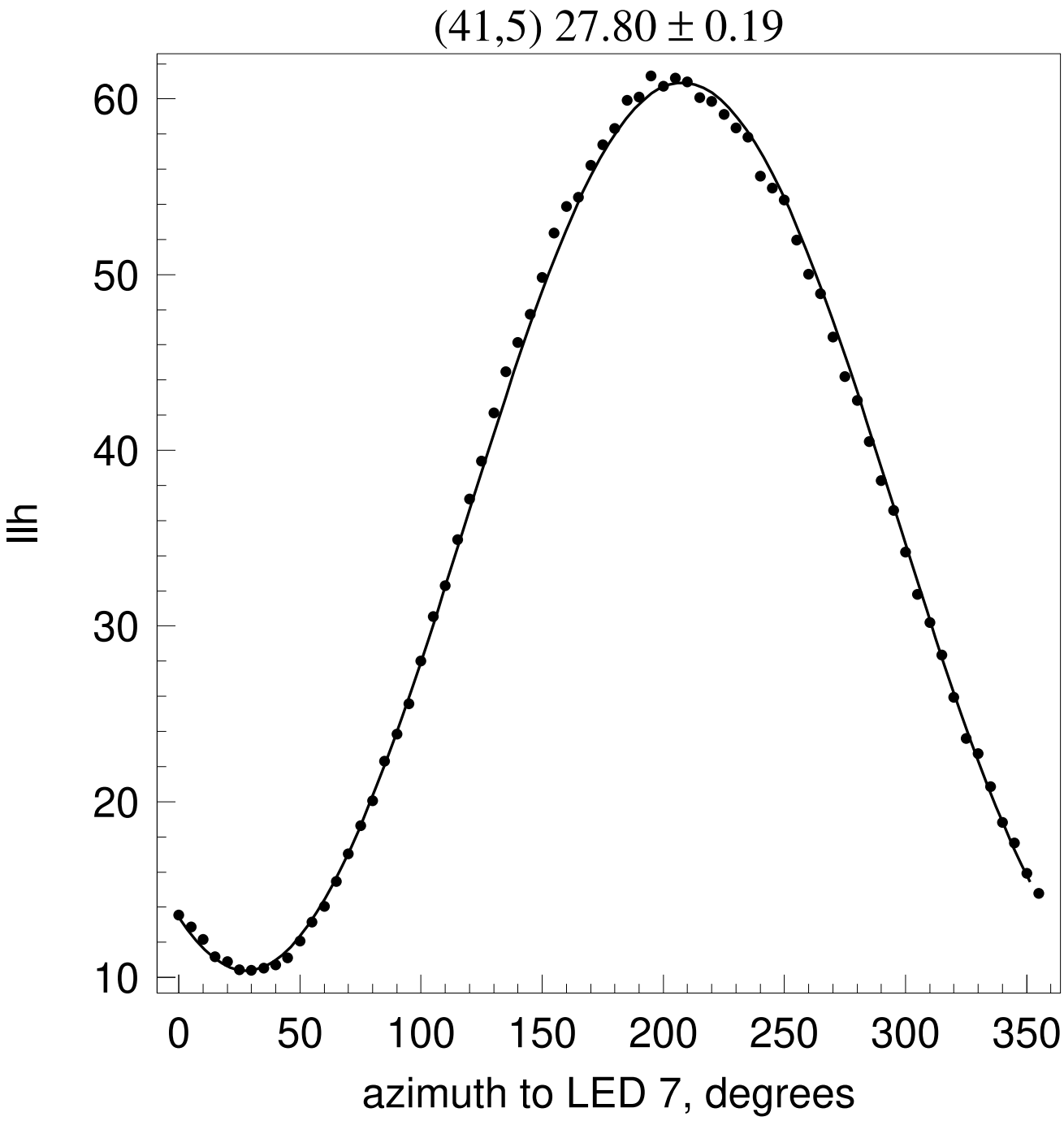

(40,60) 322.59 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

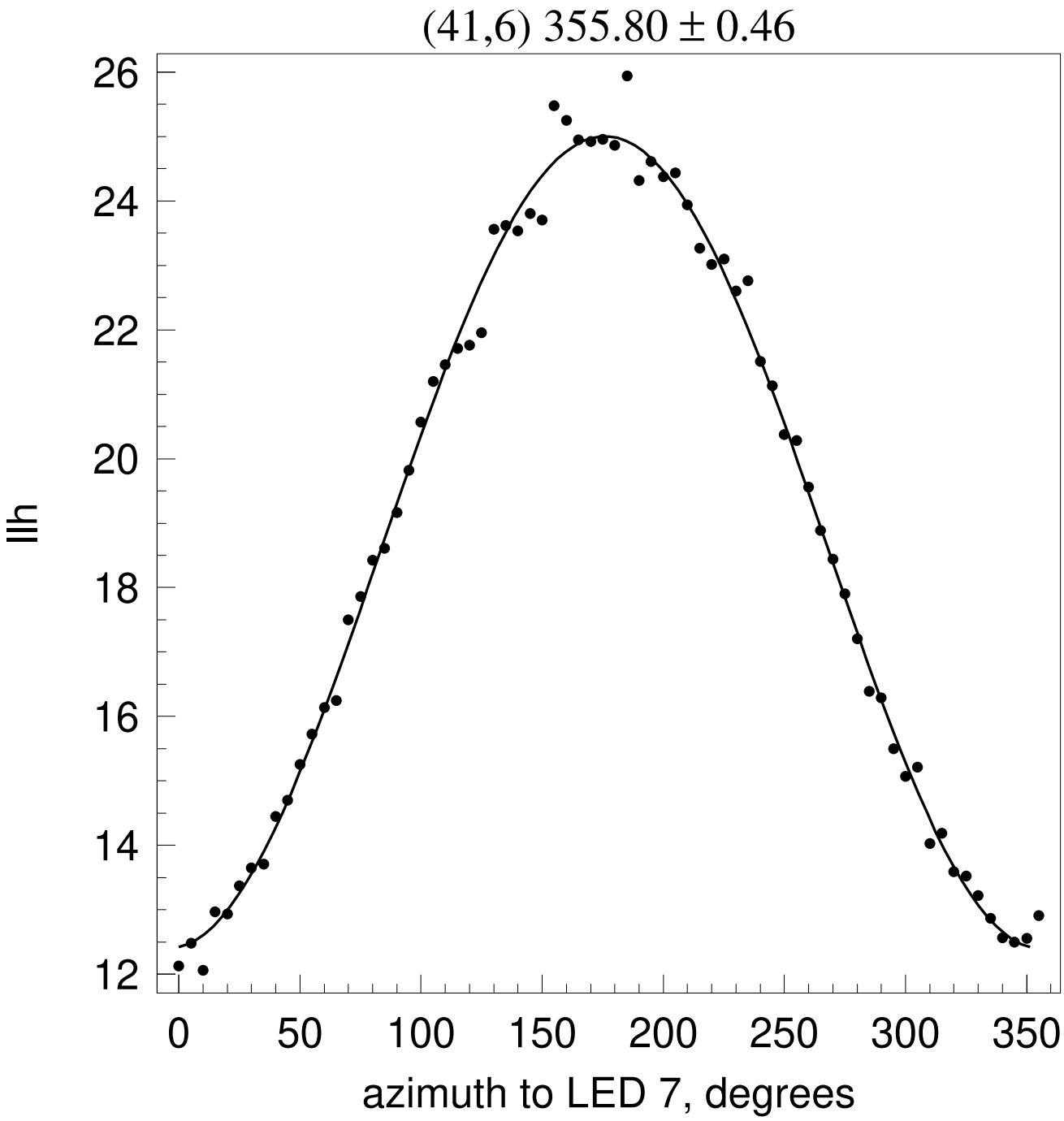

(41,1) 29.57 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

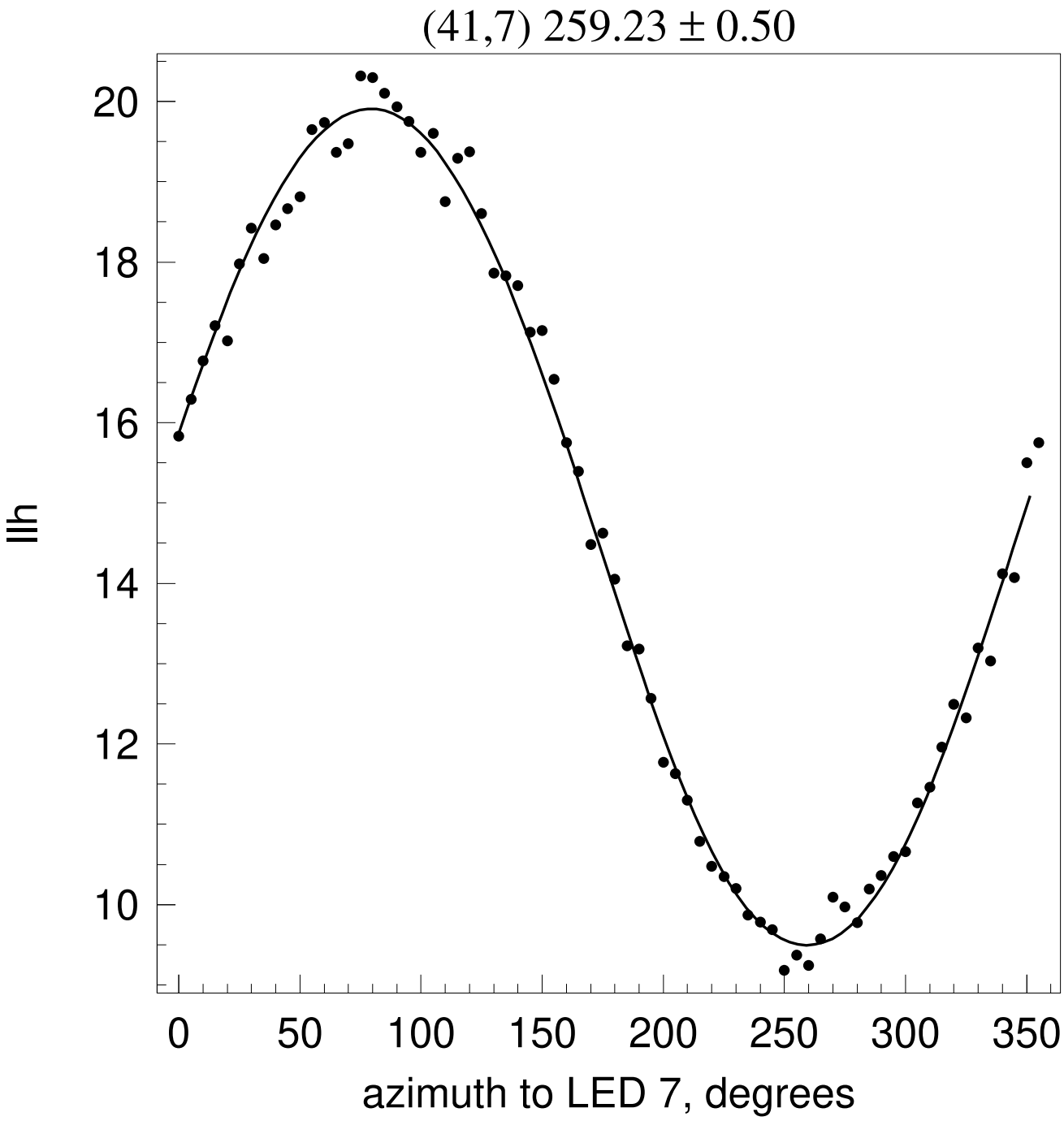

(41,2) 290.20 ± 1.33
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

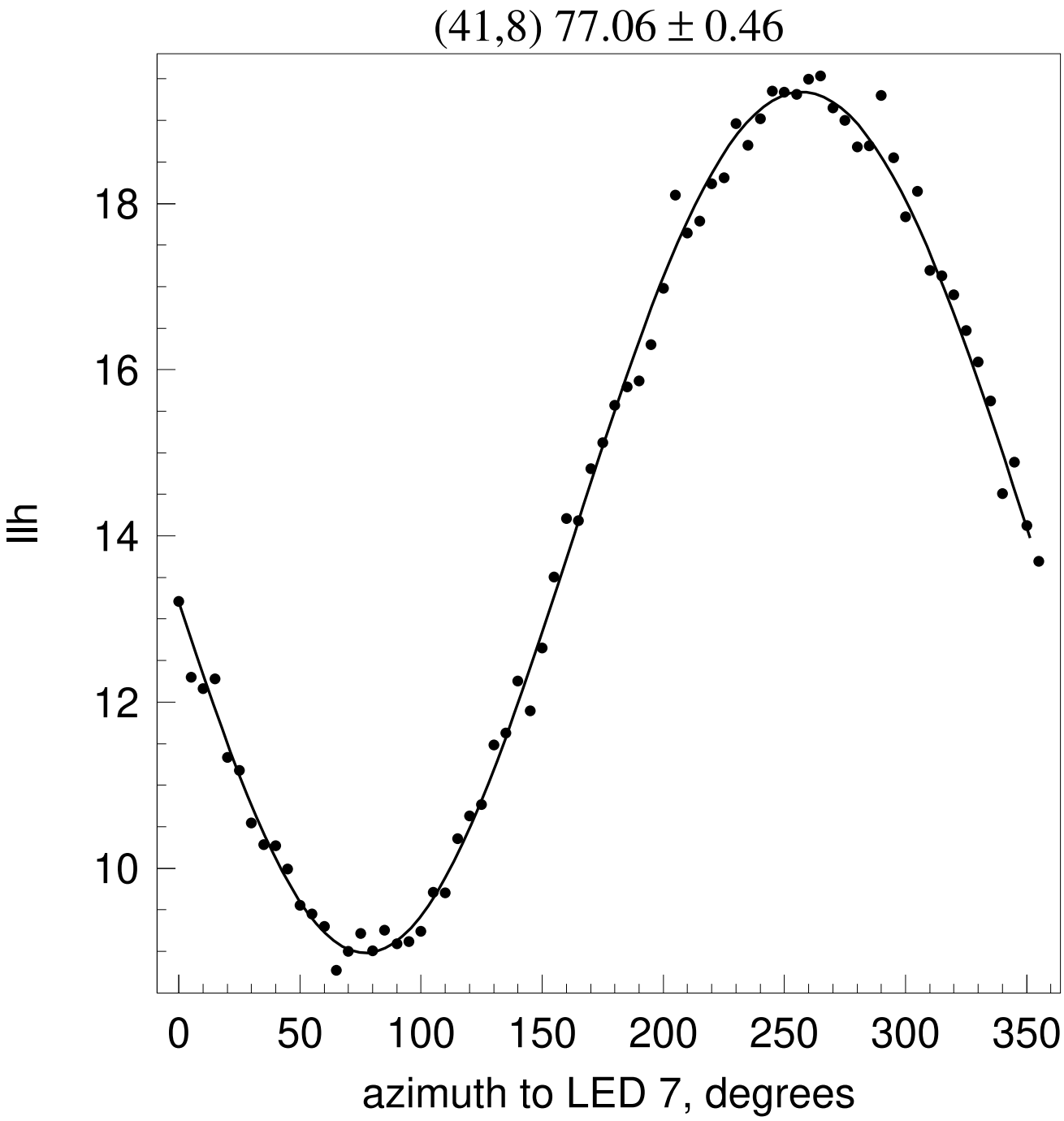

(41,3) 1.63 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

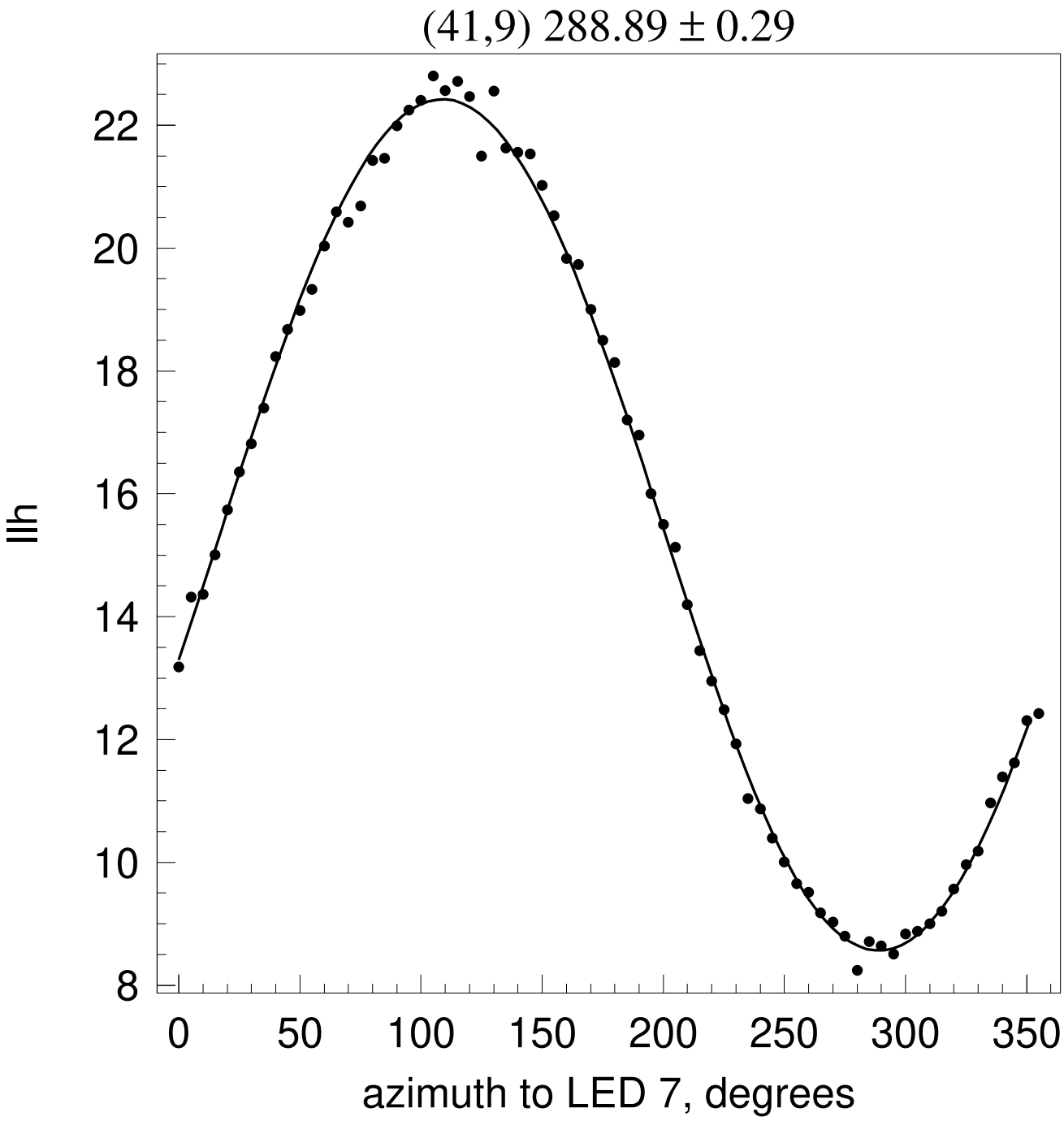

(41,4) 274.42 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

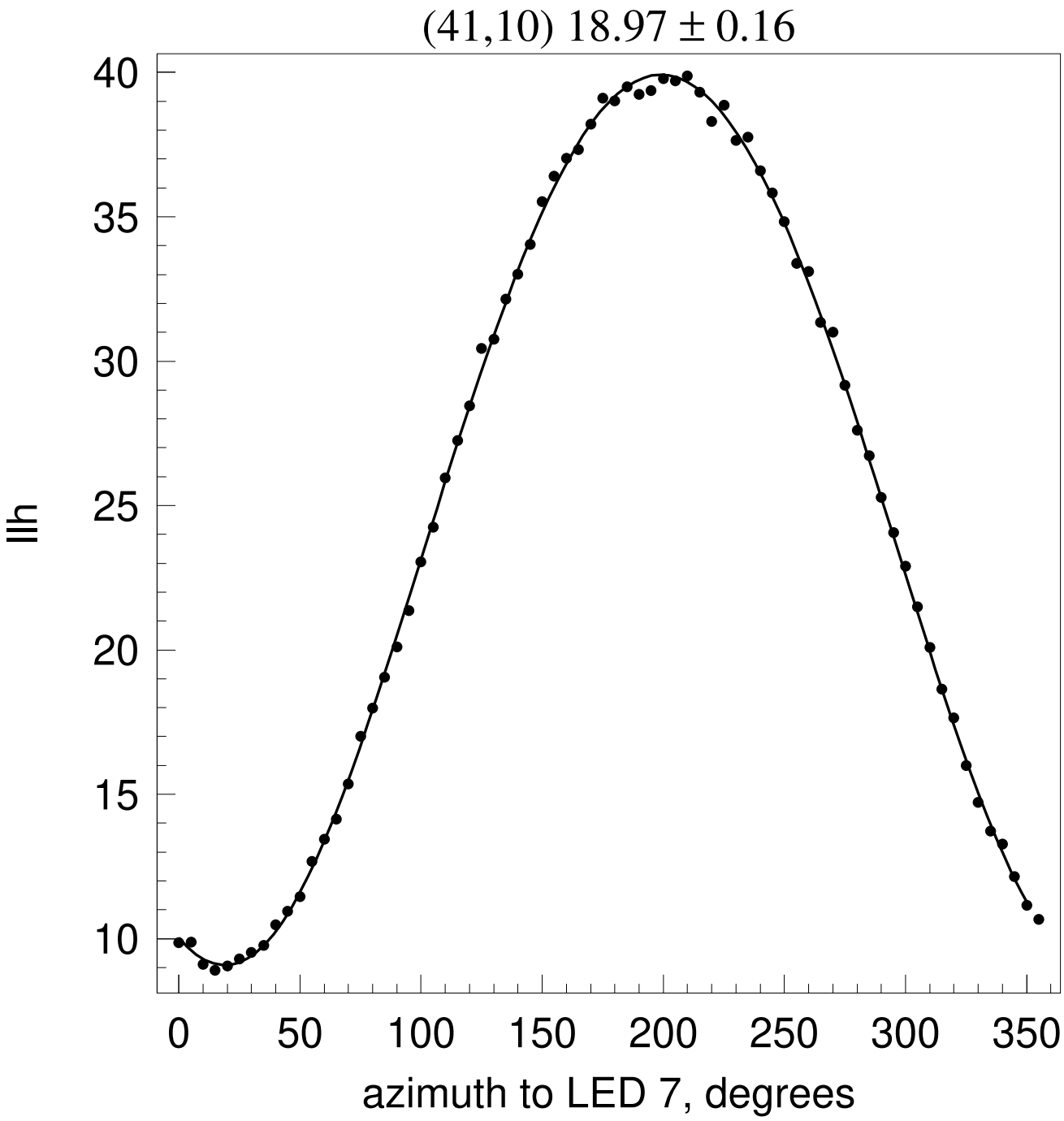

(41,5) 27.80 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

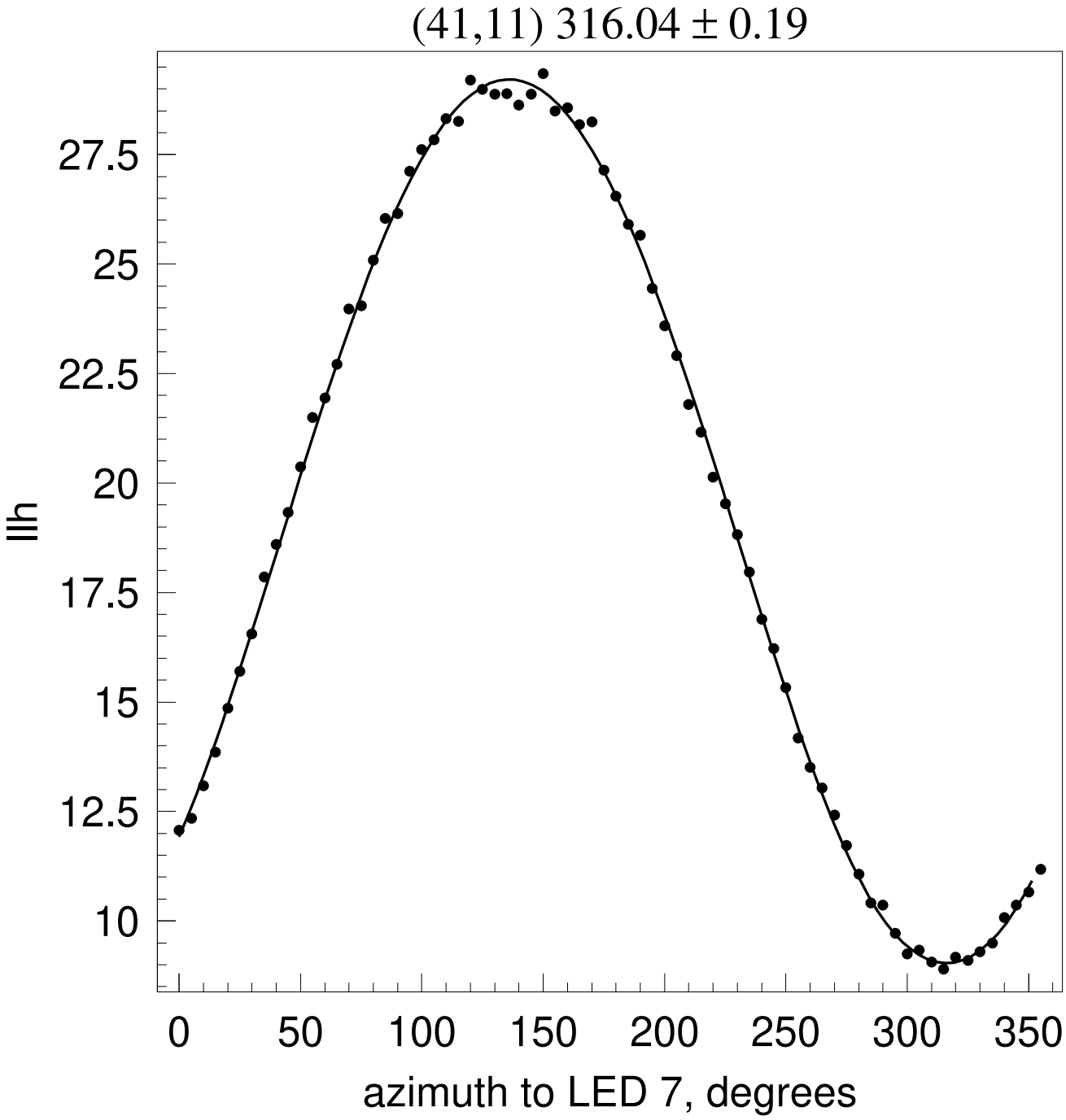

(41,6) 355.80 ± 0.46
26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

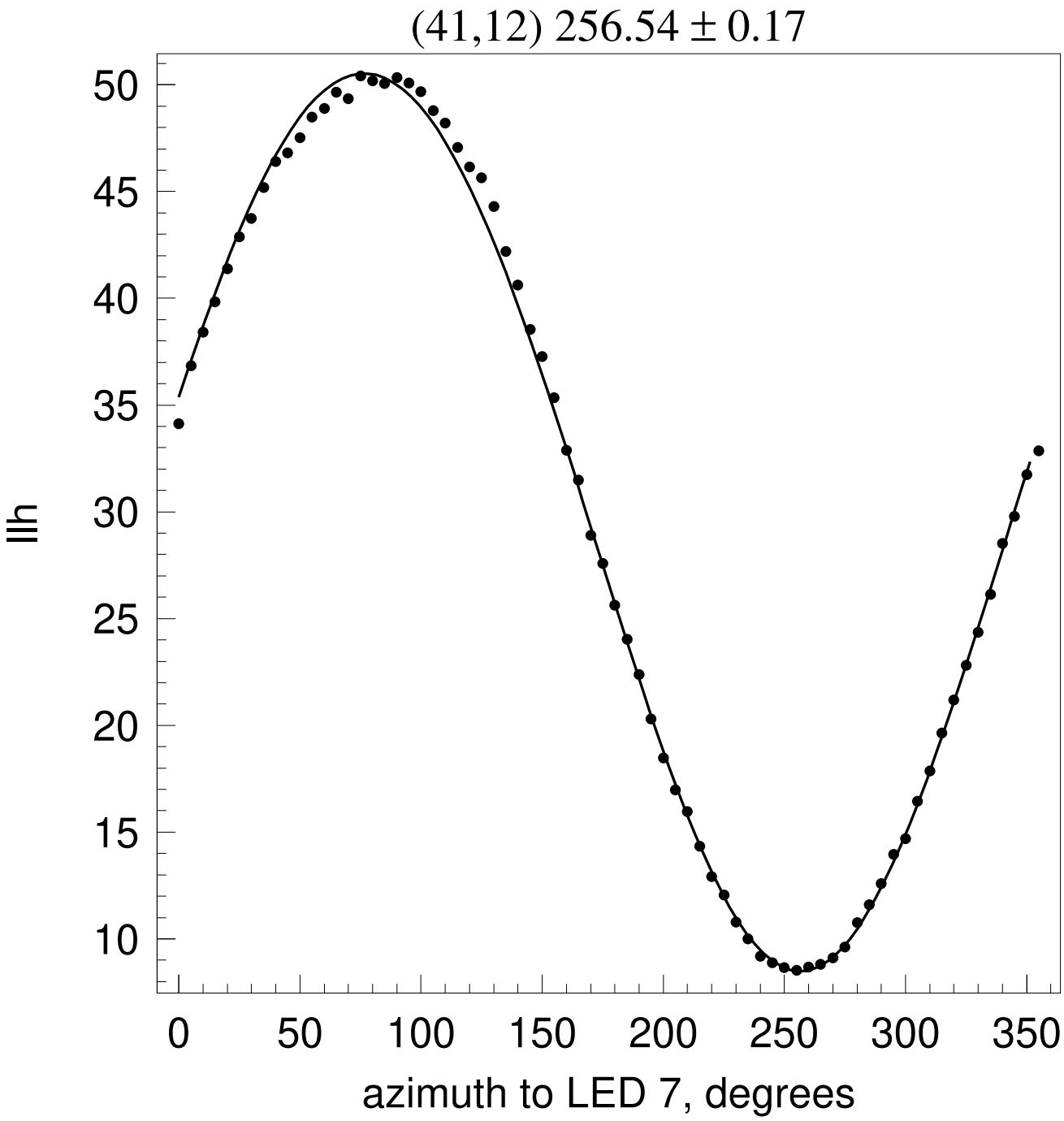

(41,7) 259.23 ± 0.50
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

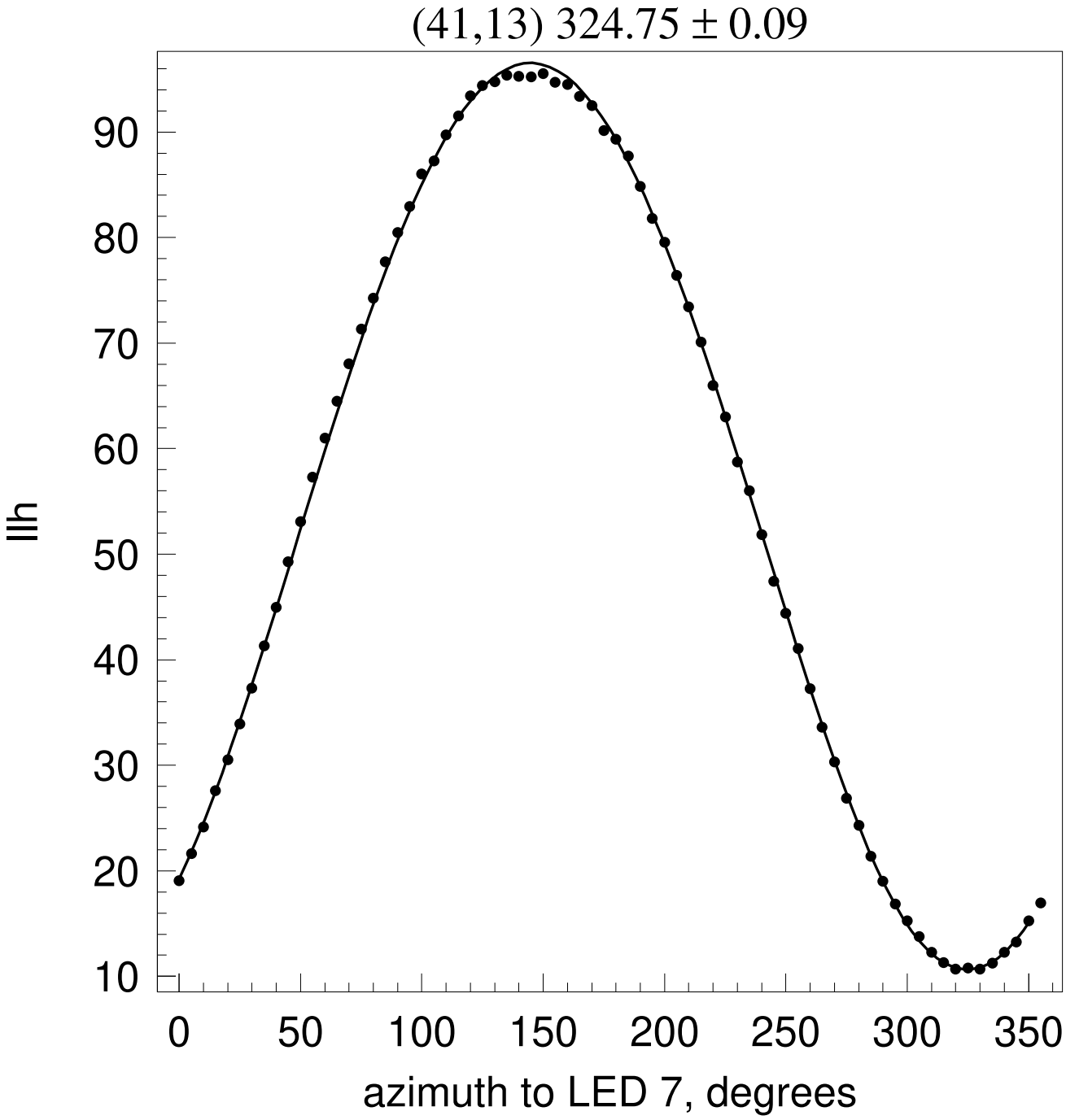

(41,8) 77.06 ± 0.46
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

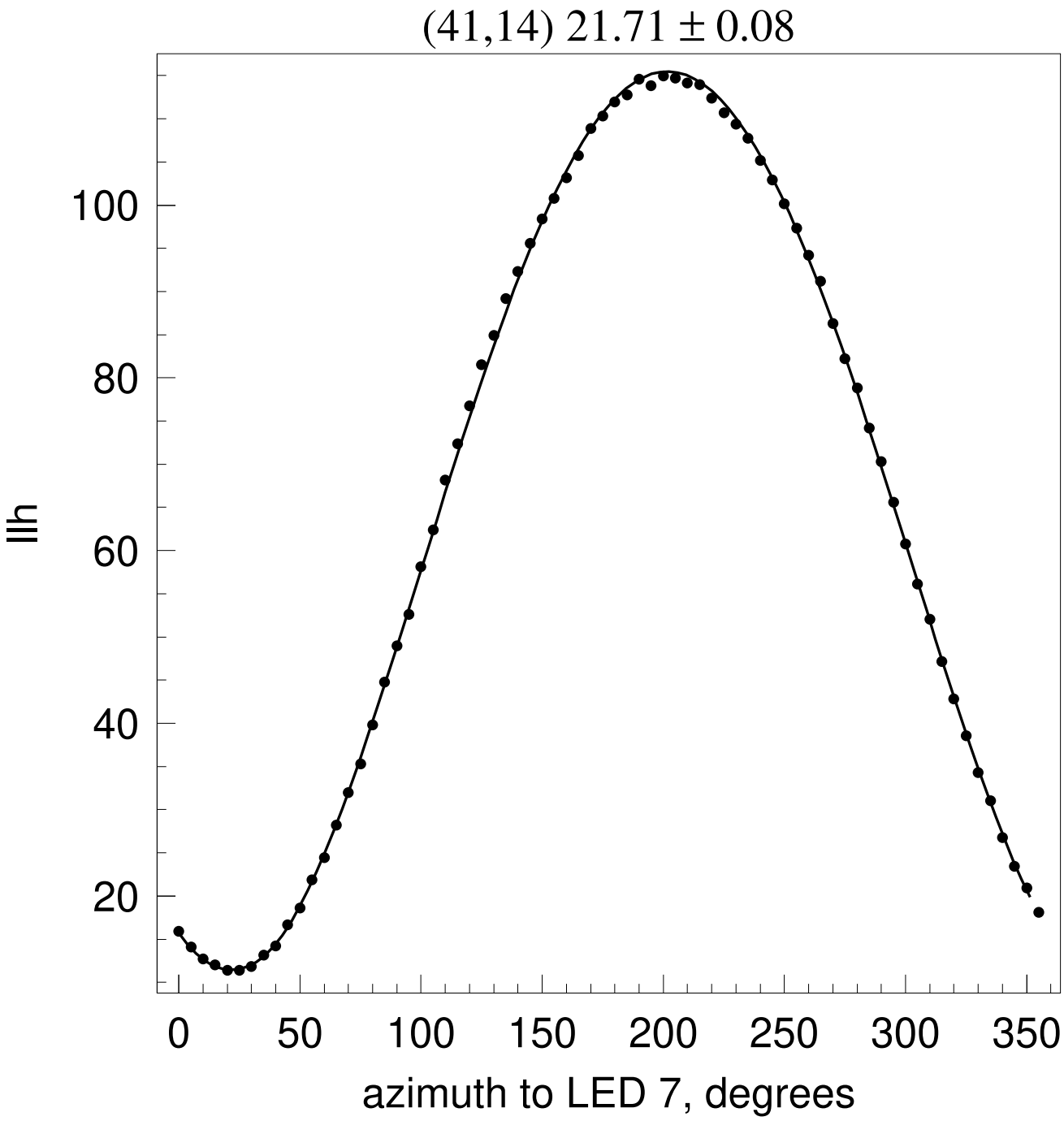

(41,9) 288.89 ± 0.29
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

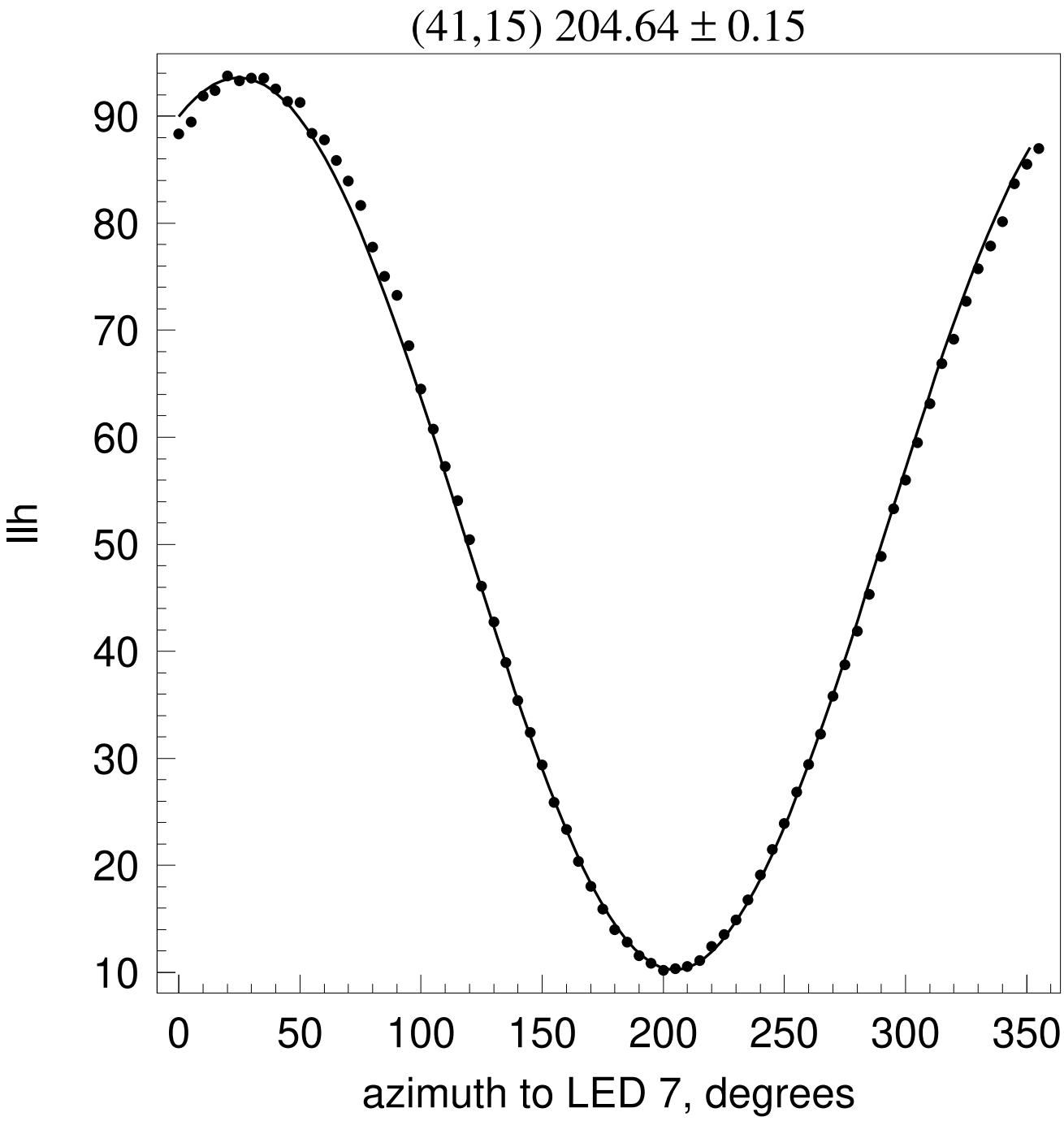

(41,10) 18.97 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

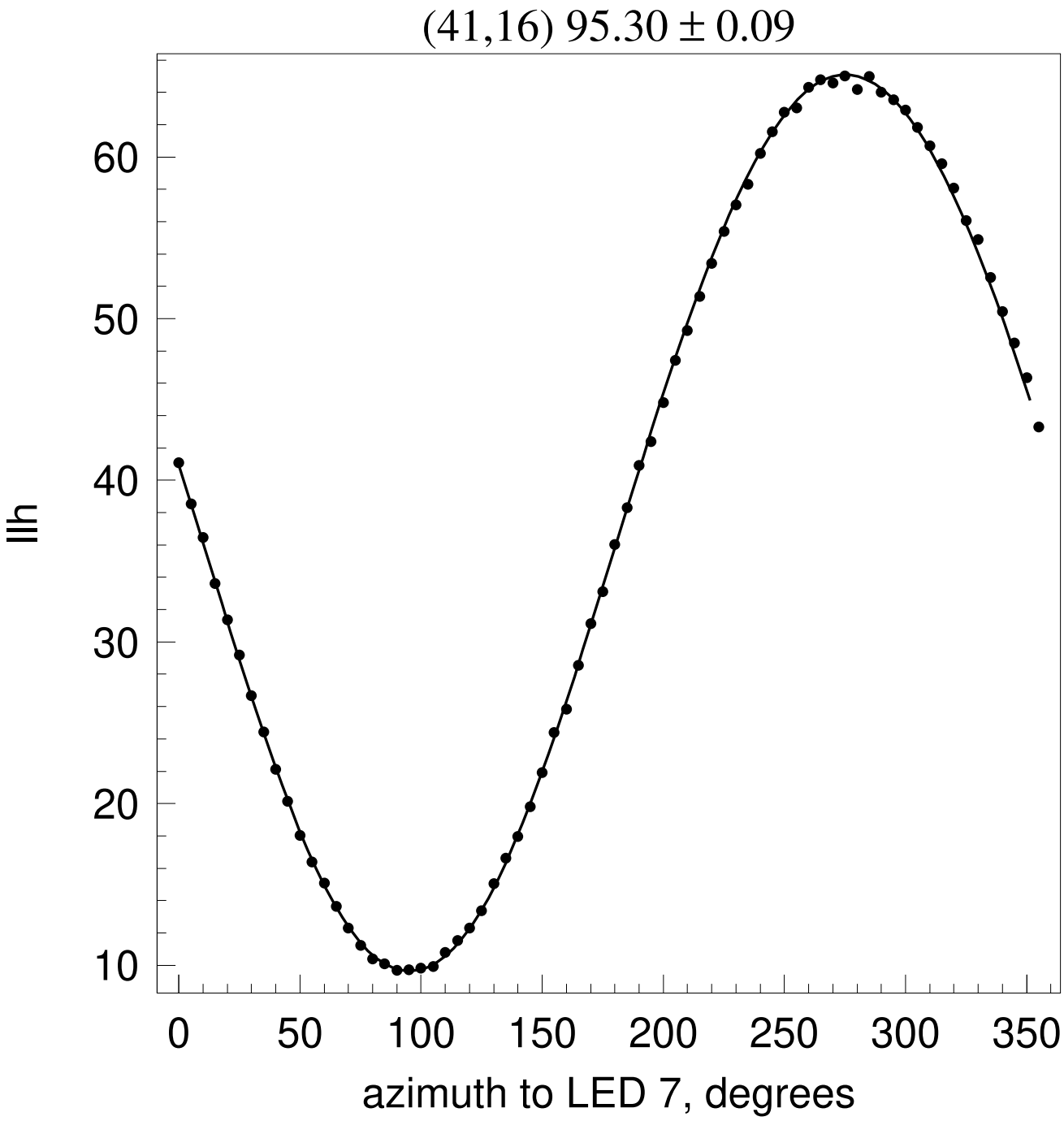

(41,11) 316.04 ± 0.19
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

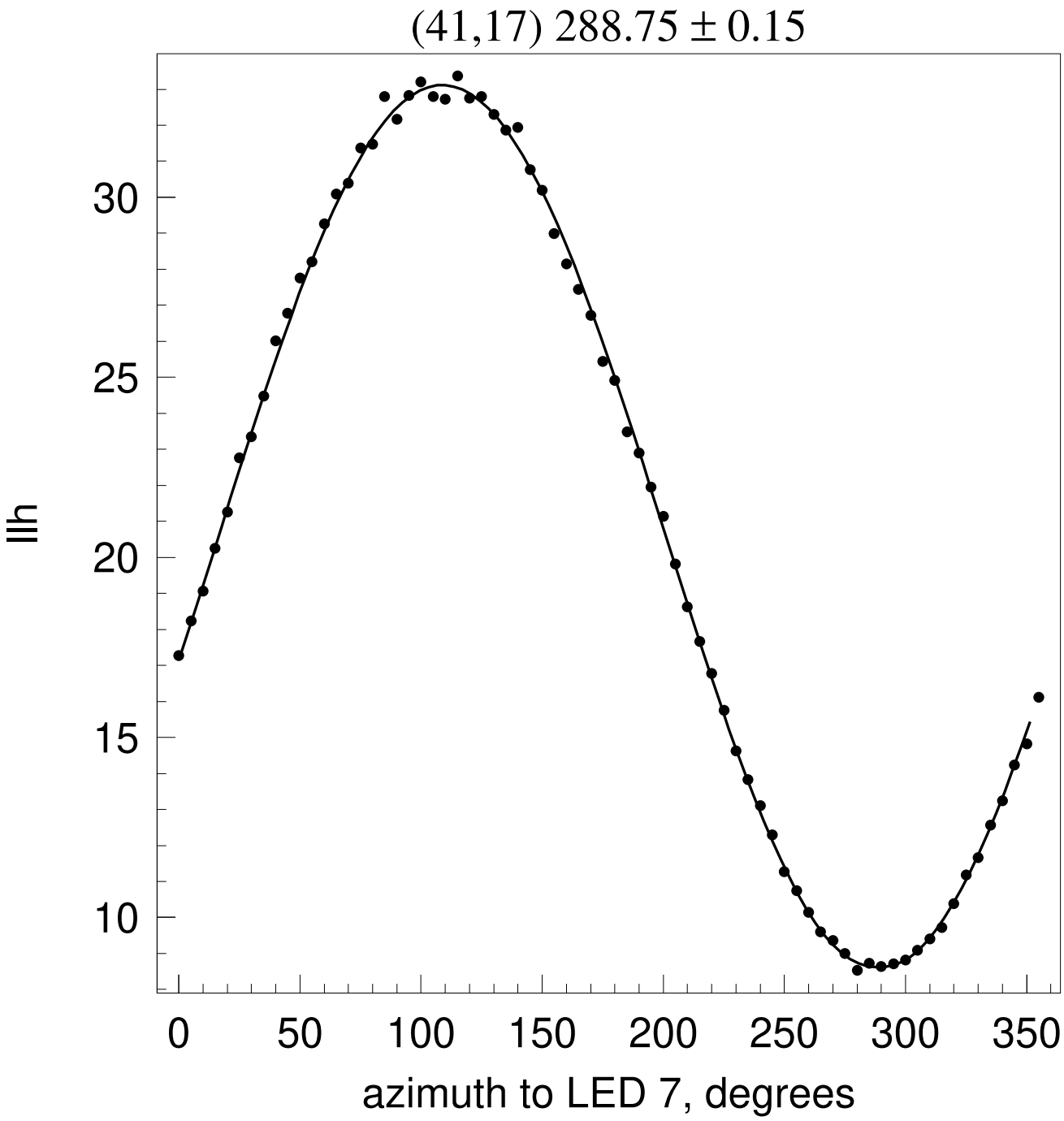

(41,12) 256.54 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

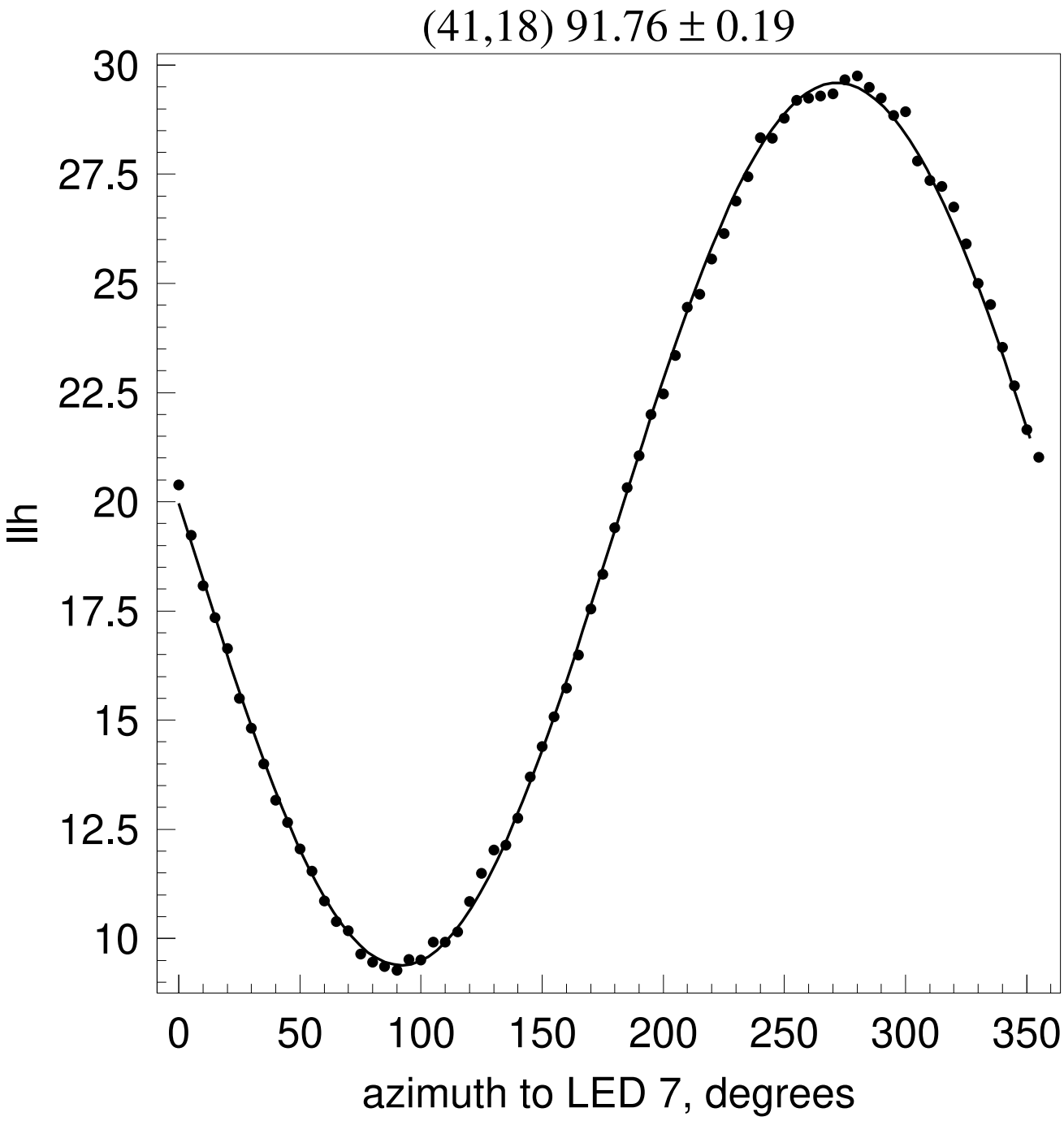

(41,13) 324.75 ± 0.09
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

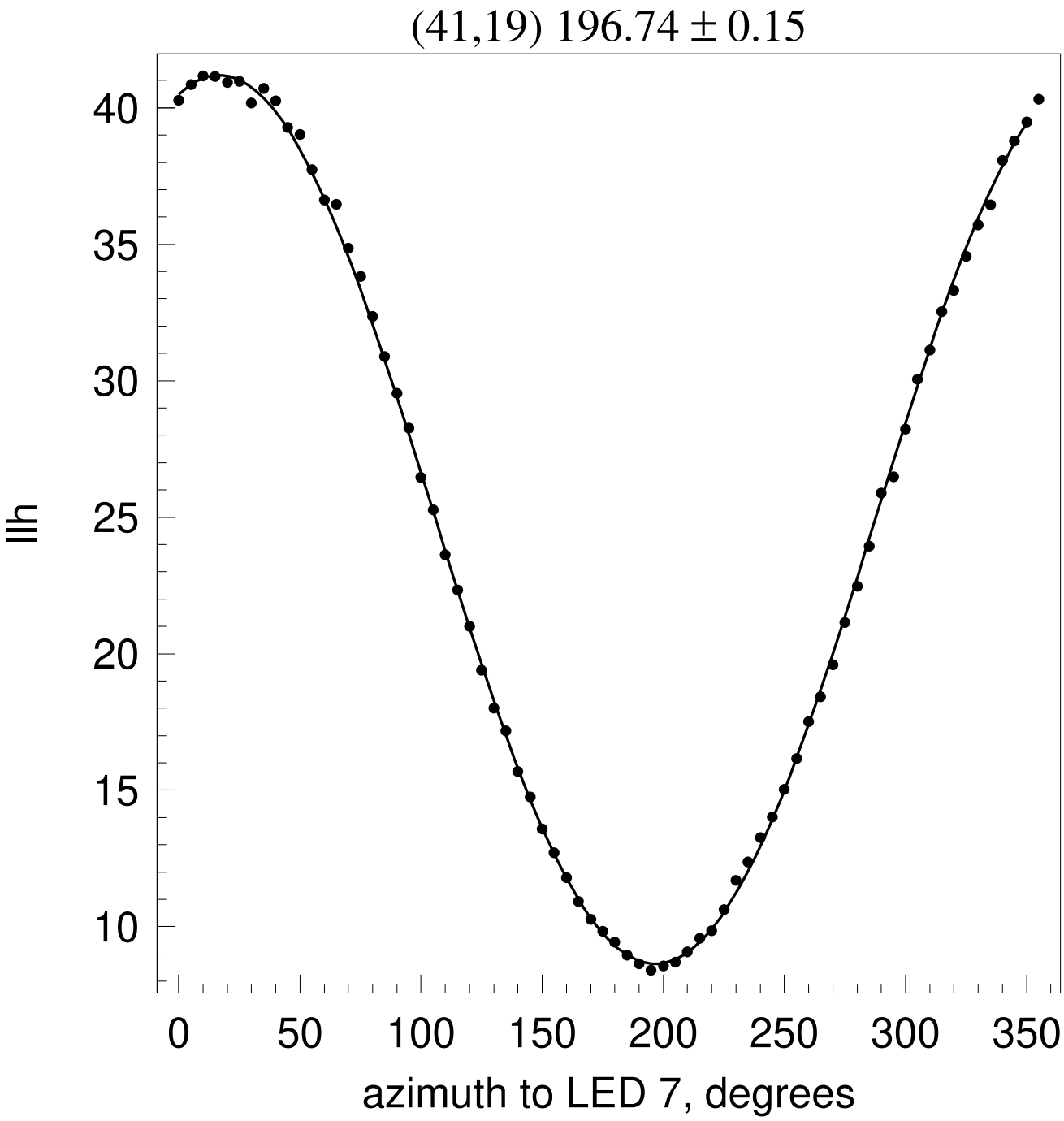

(41,14) 21.71 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

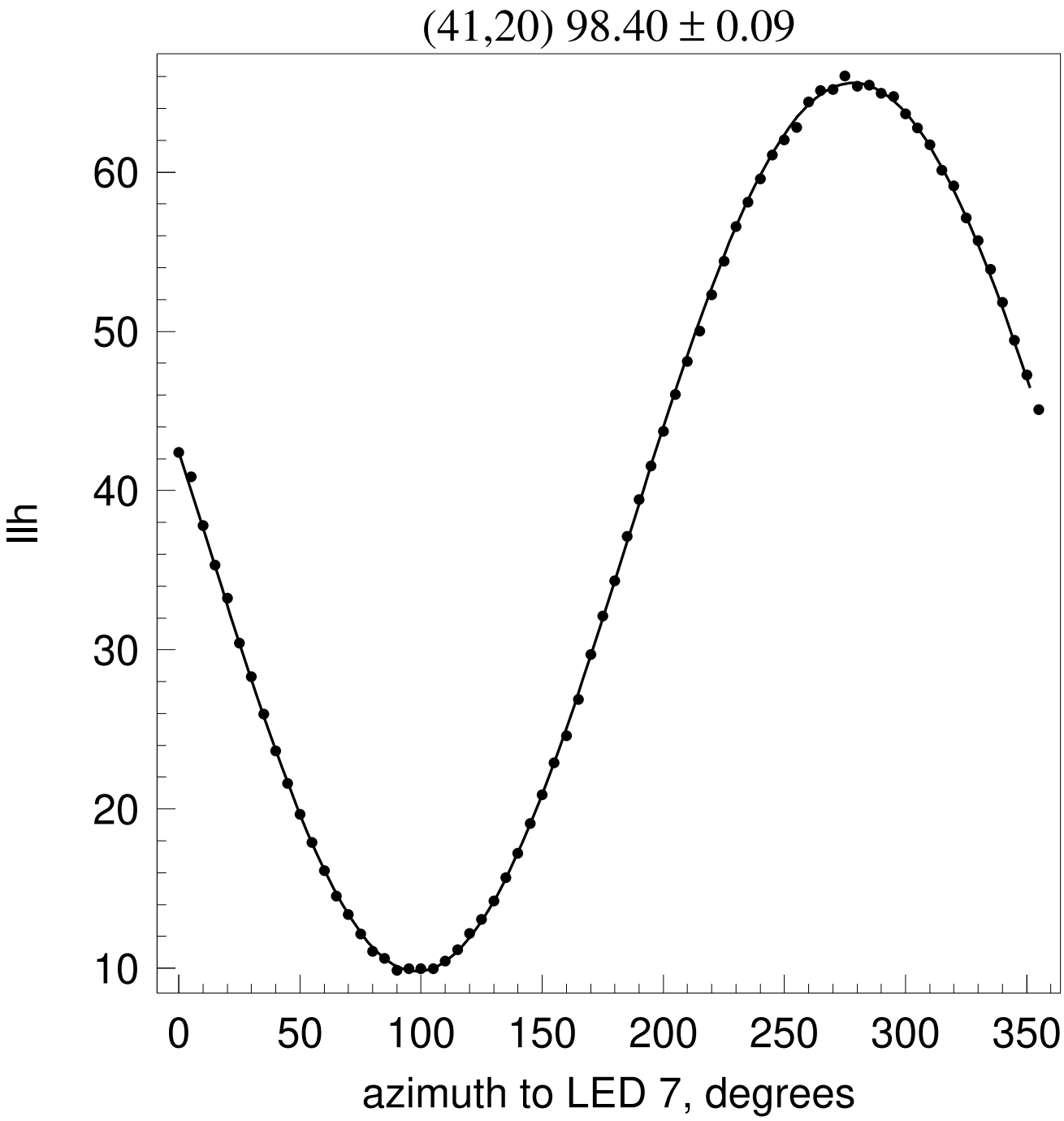

(41,15) 204.64 ± 0.15
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

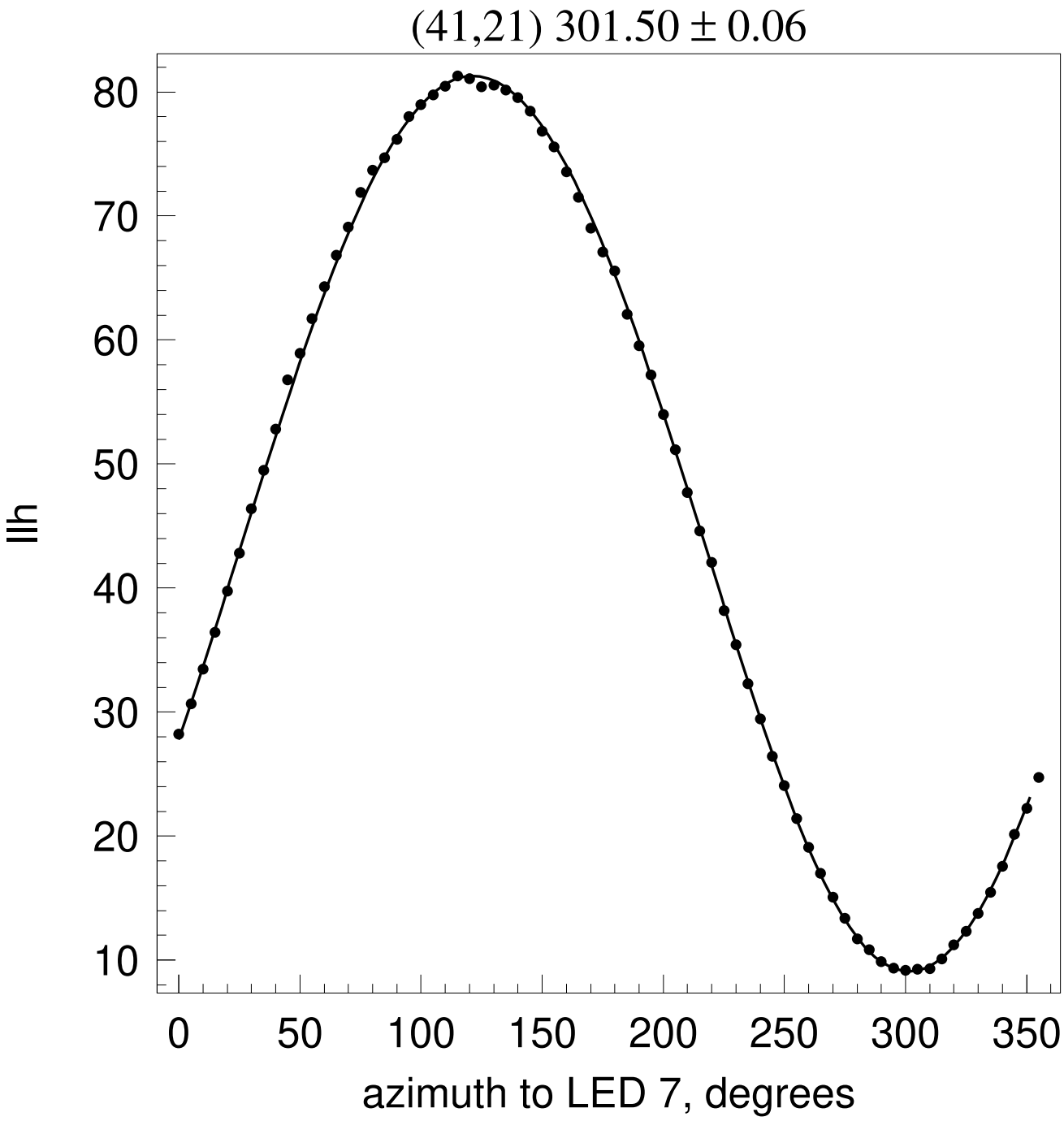

(41,16) 95.30 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

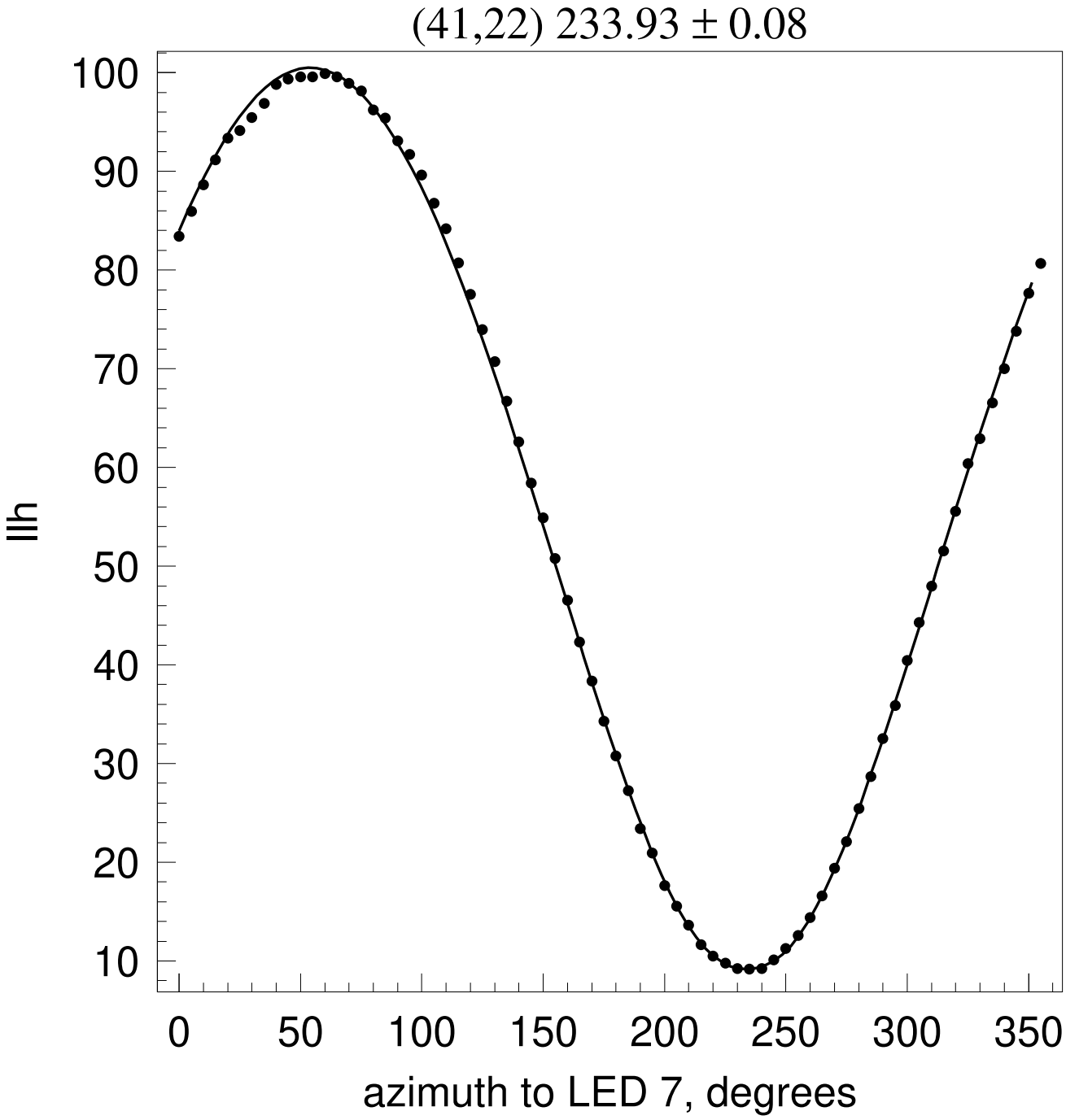

(41,17) 288.75 ± 0.15
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

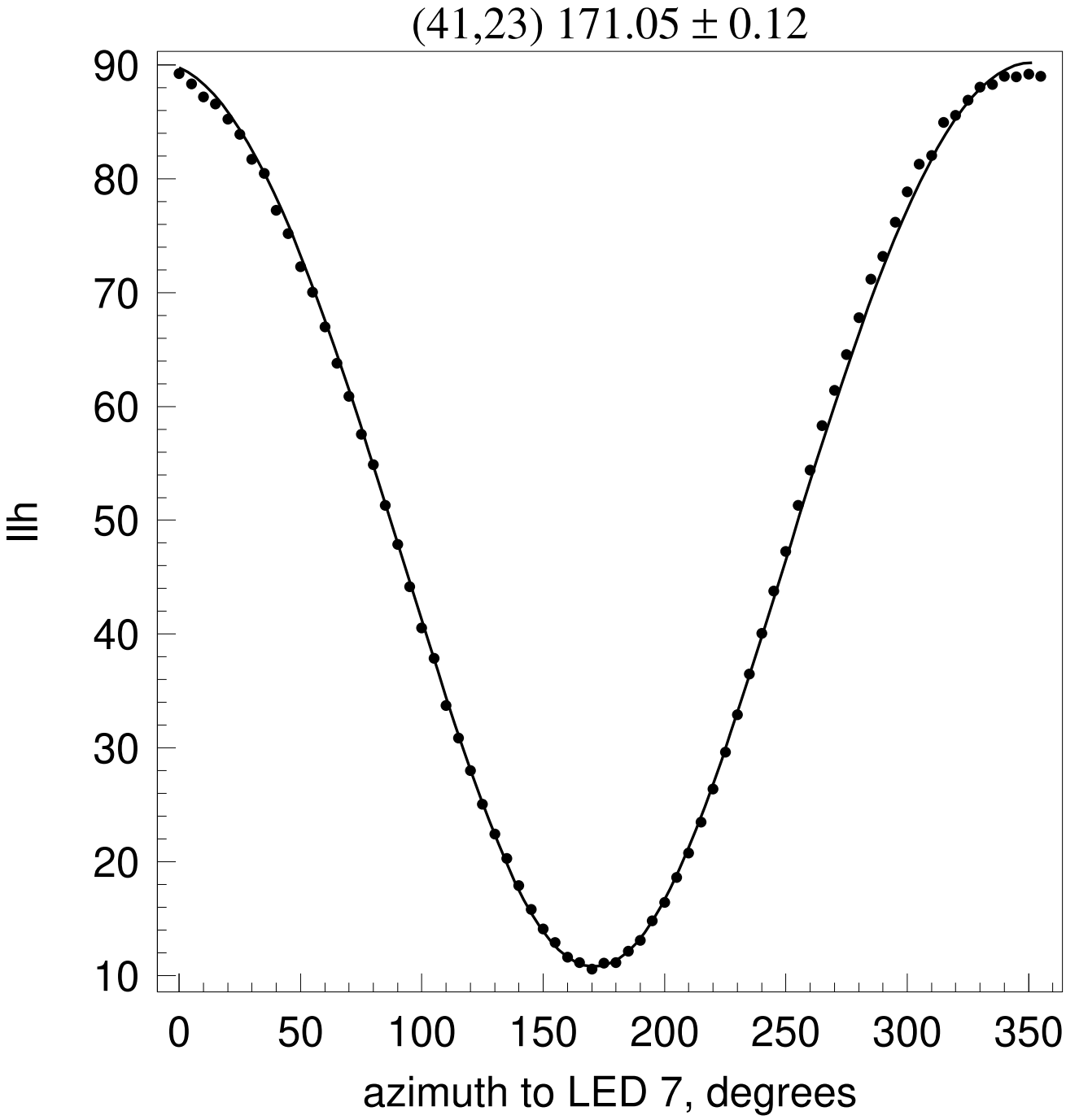

(41,18) 91.76 ± 0.19
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

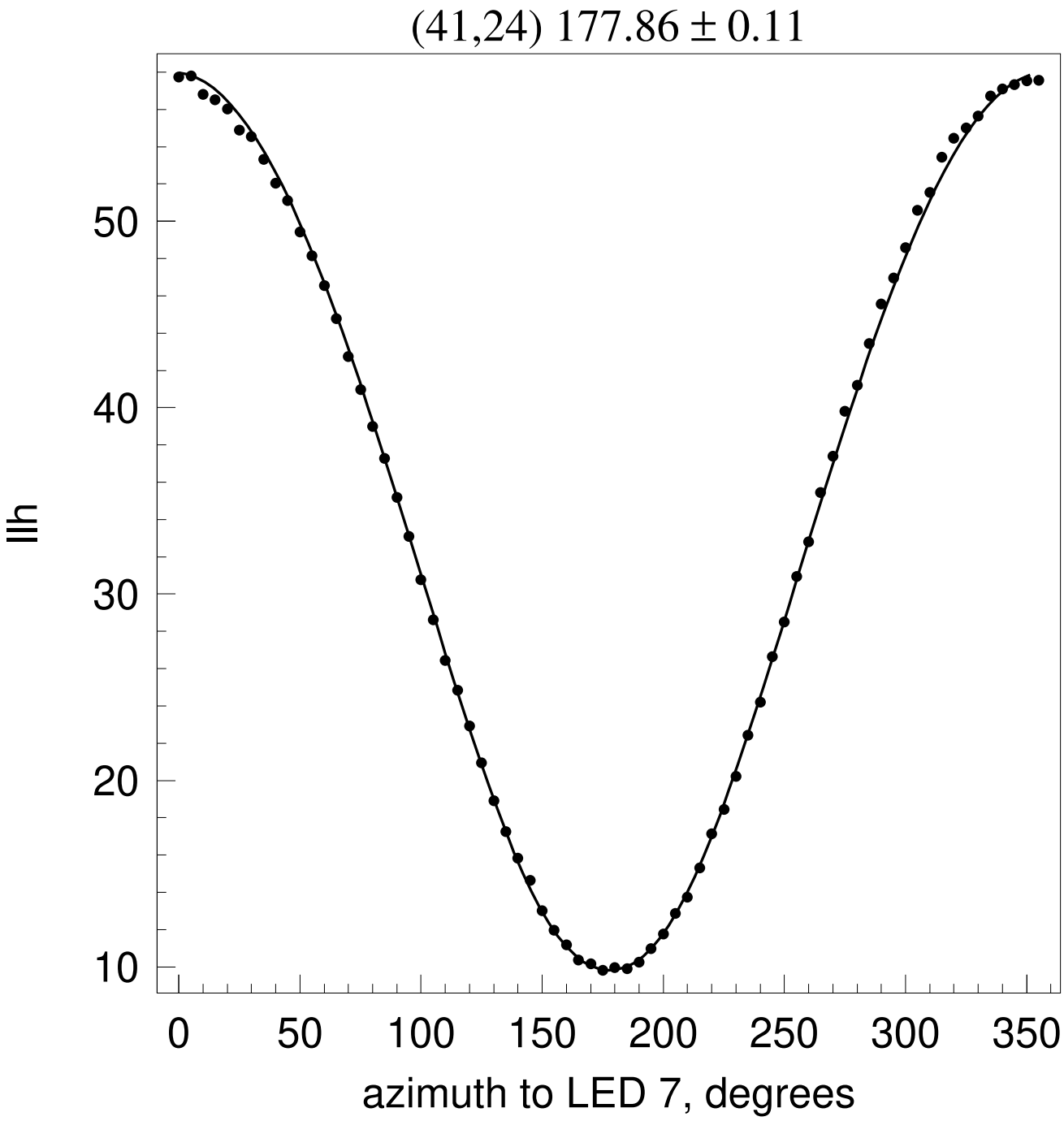

(41,19) 196.74 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

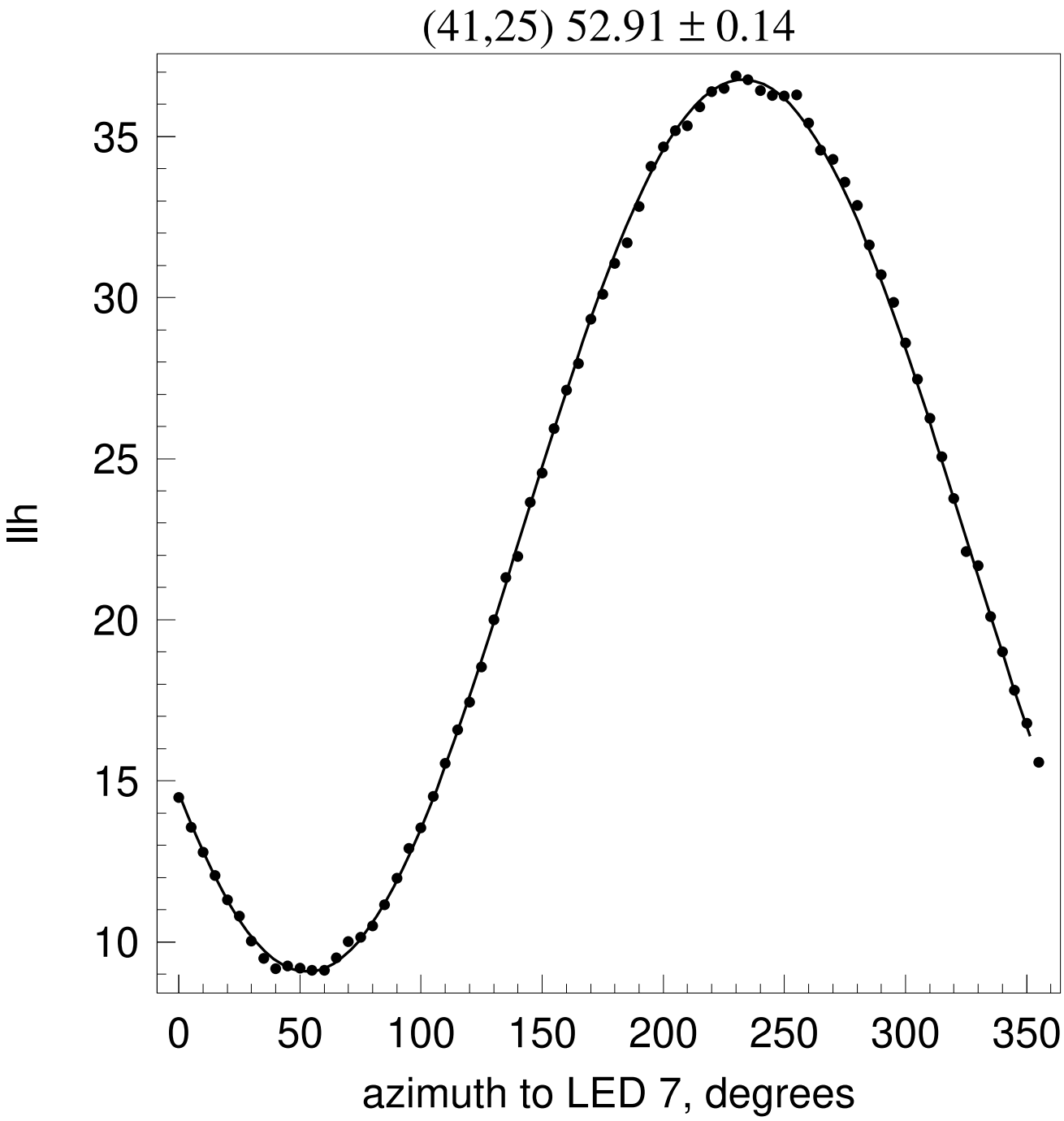

(41,20) 98.40 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

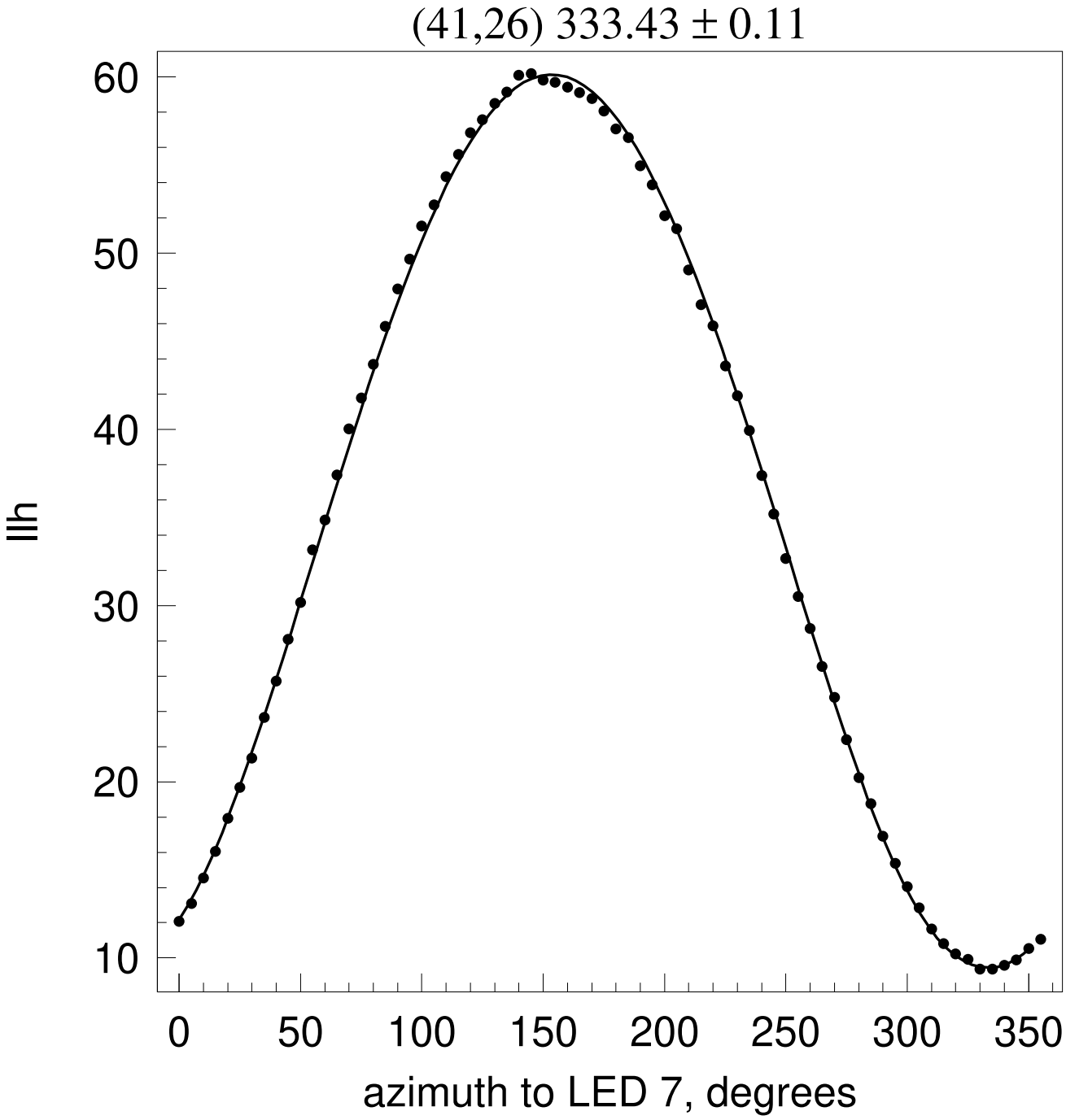

(41,21) 301.50 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

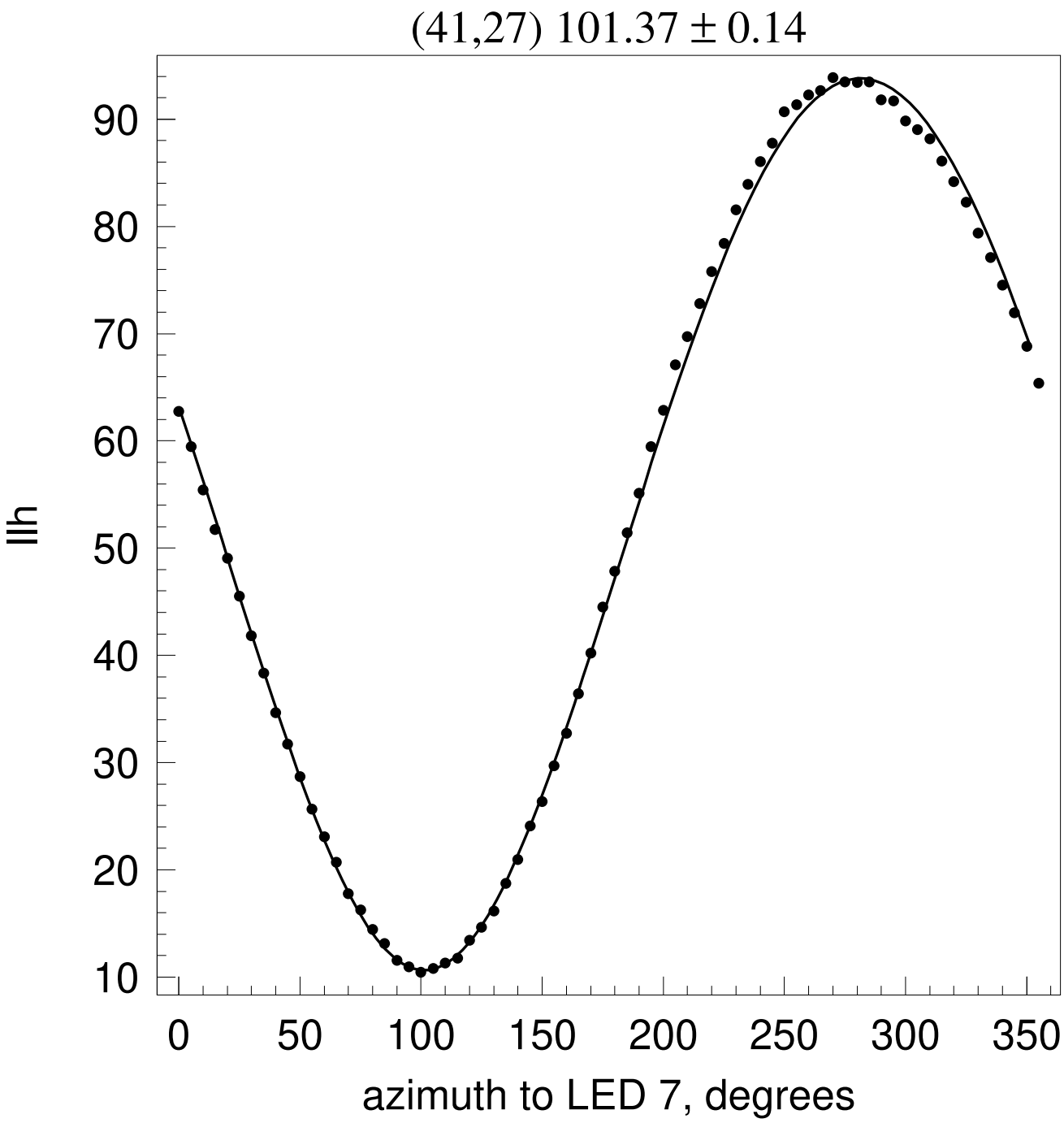

(41,22) 233.93 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

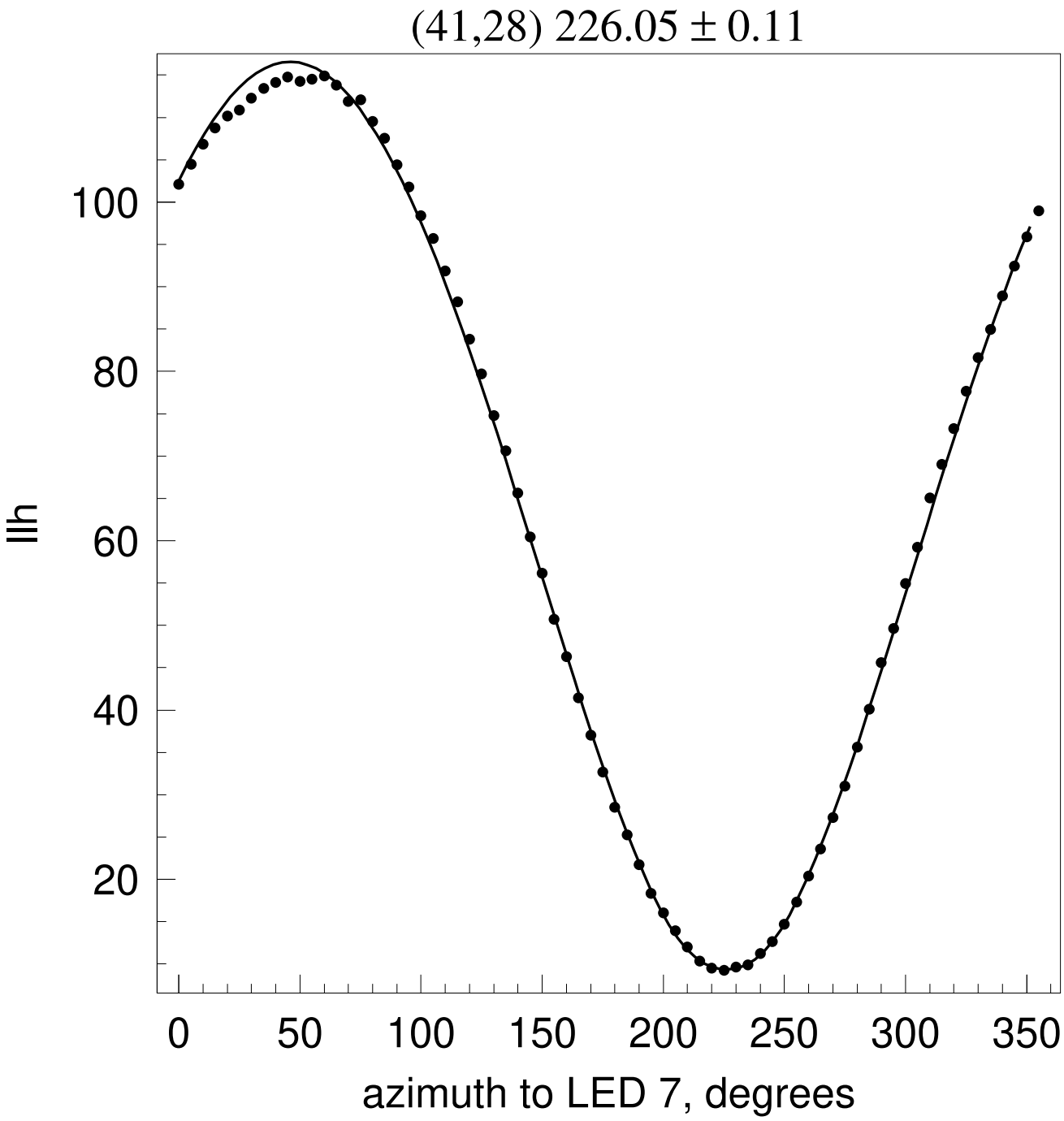

(41,23) 171.05 ± 0.12
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

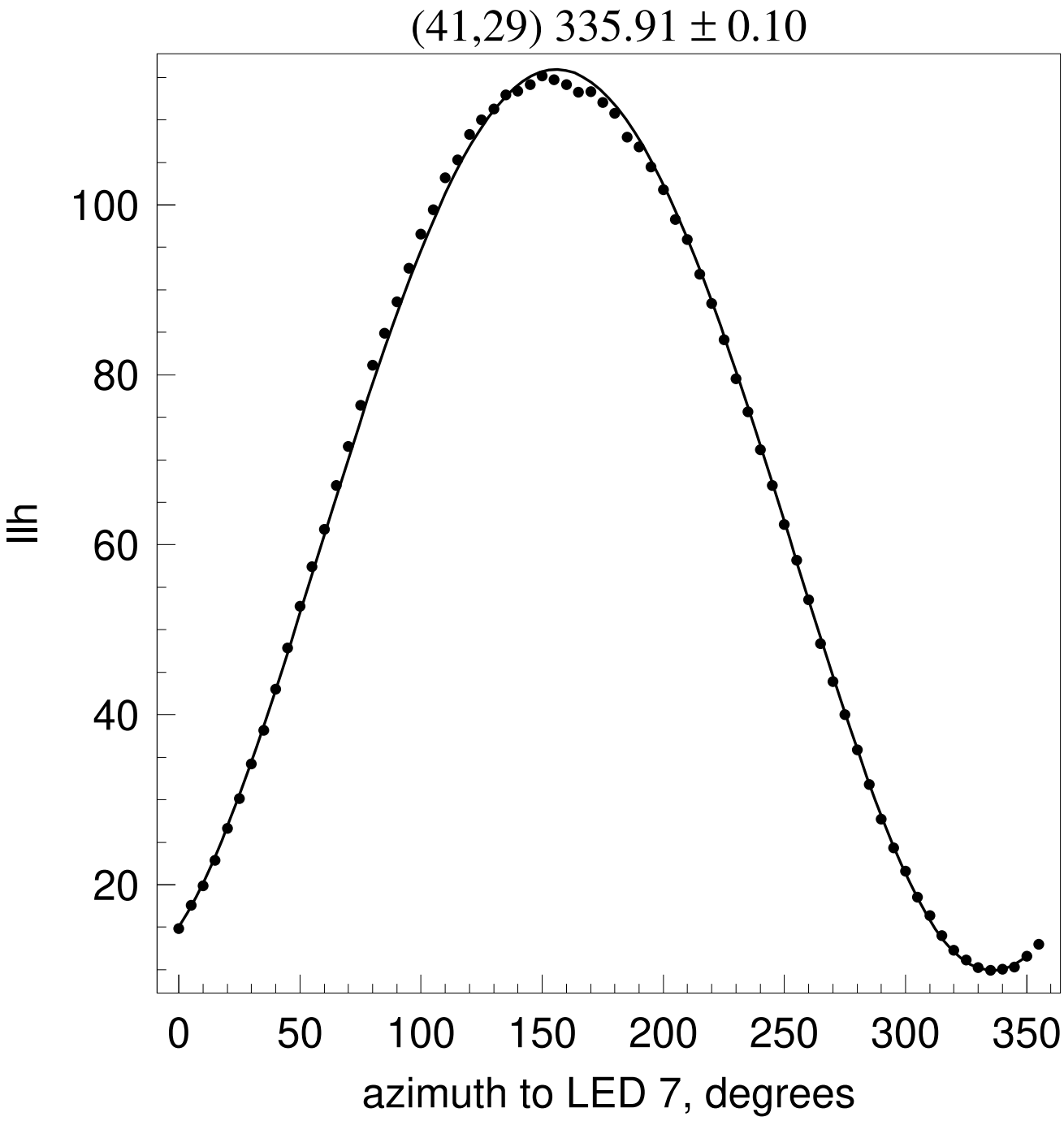

(41,24) 177.86 ± 0.11
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

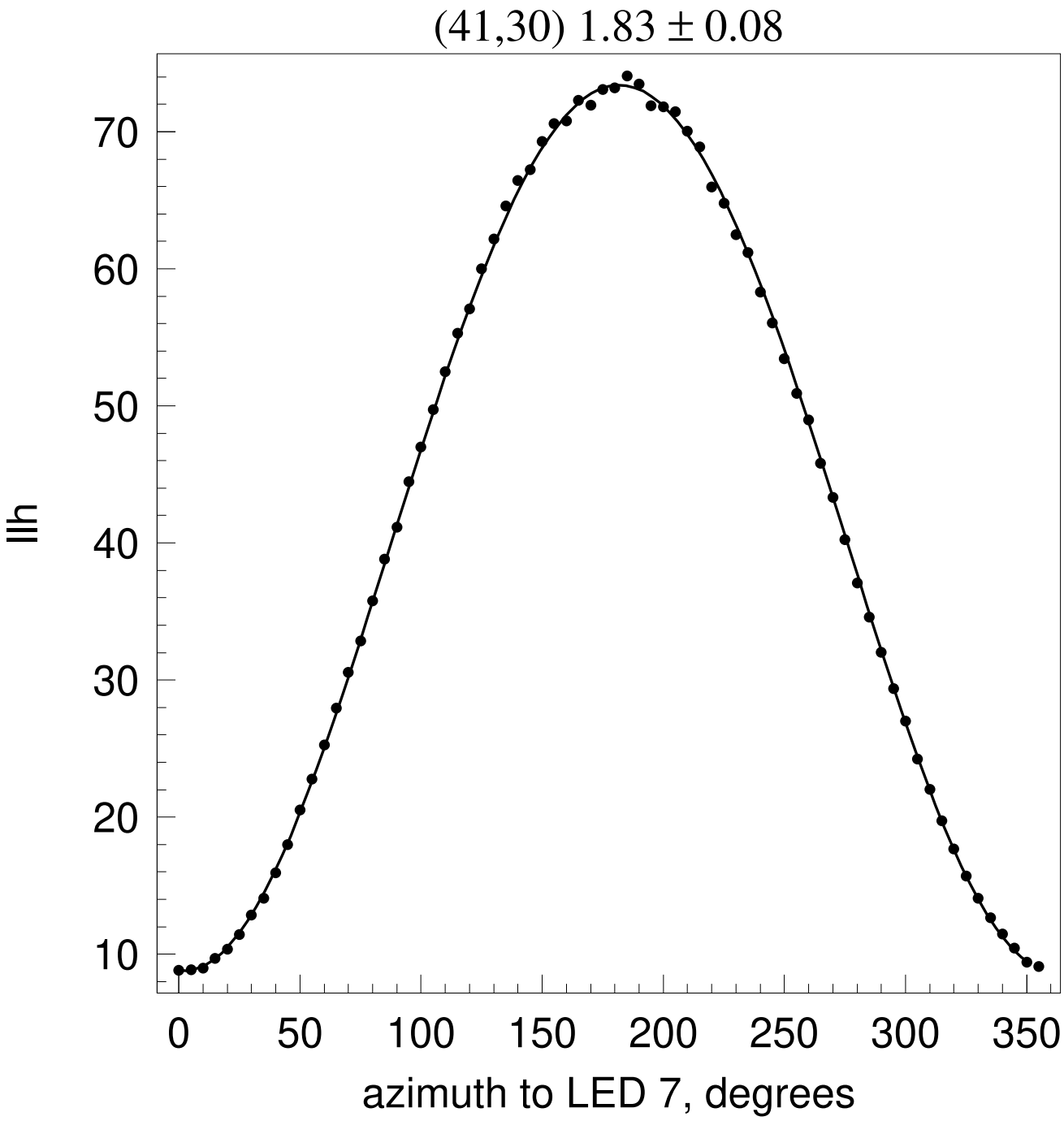

(41,25) 52.91 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

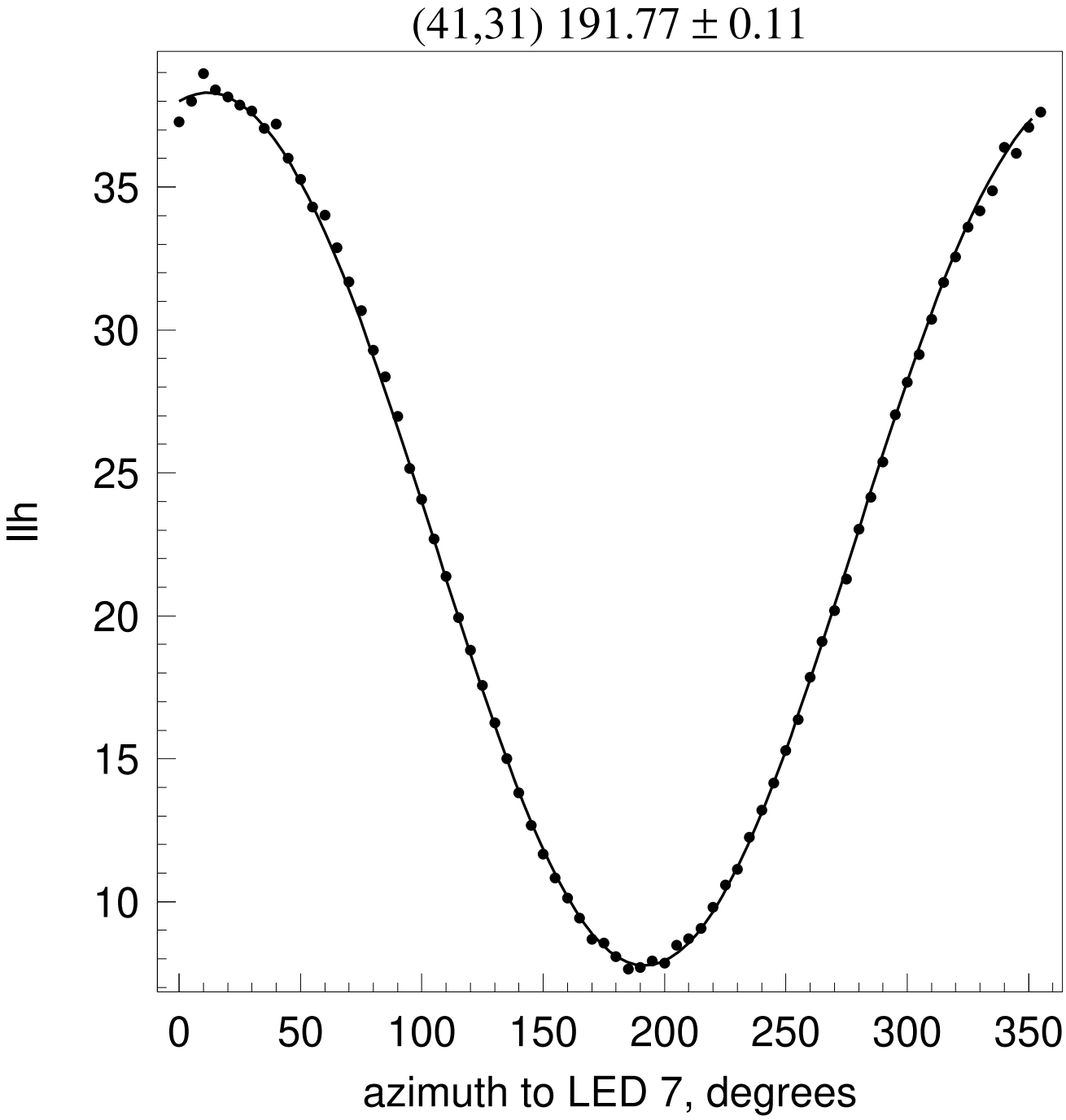

(41,26) 333.43 ± 0.11
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

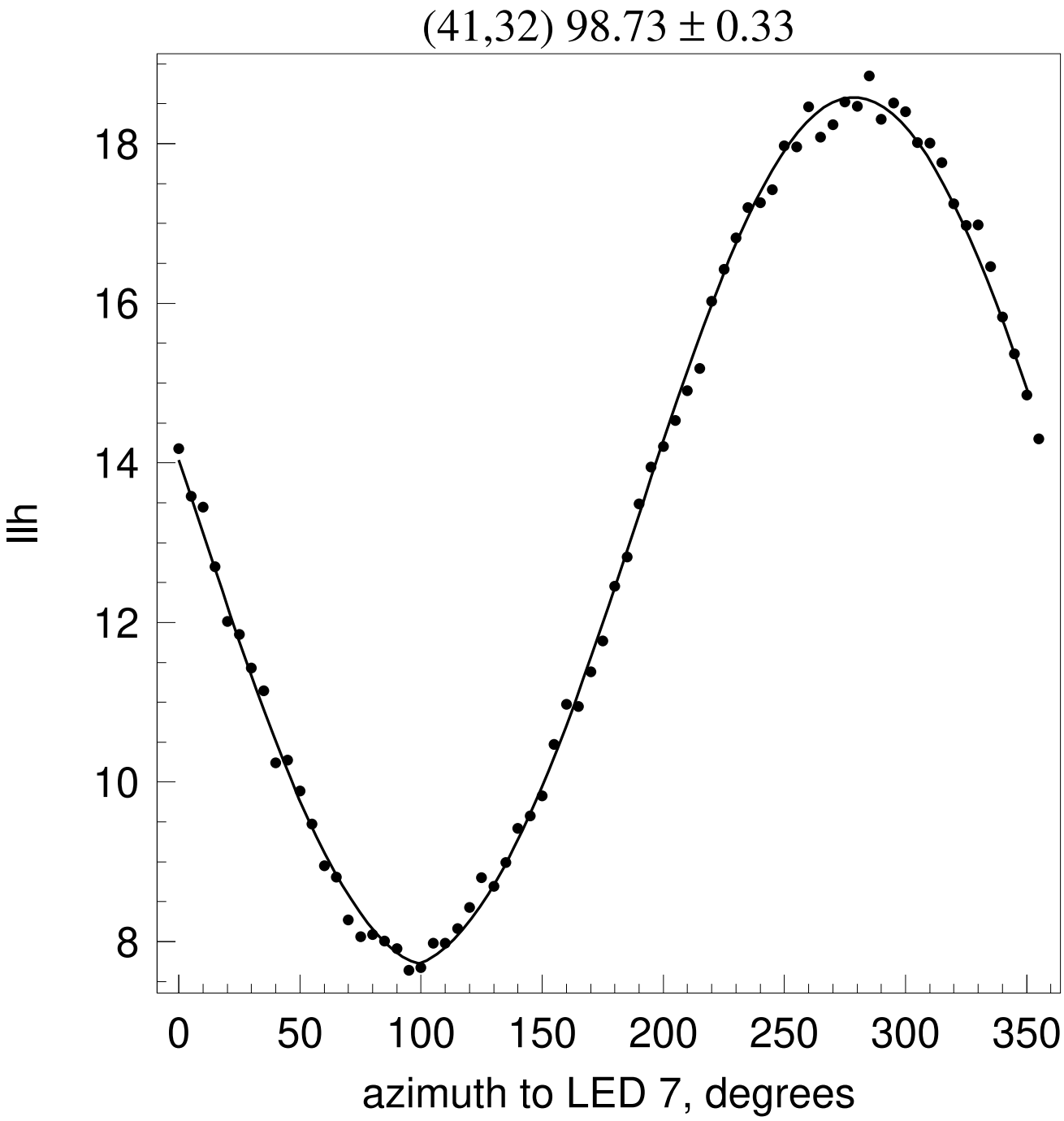

(41,27) 101.37 ± 0.14
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

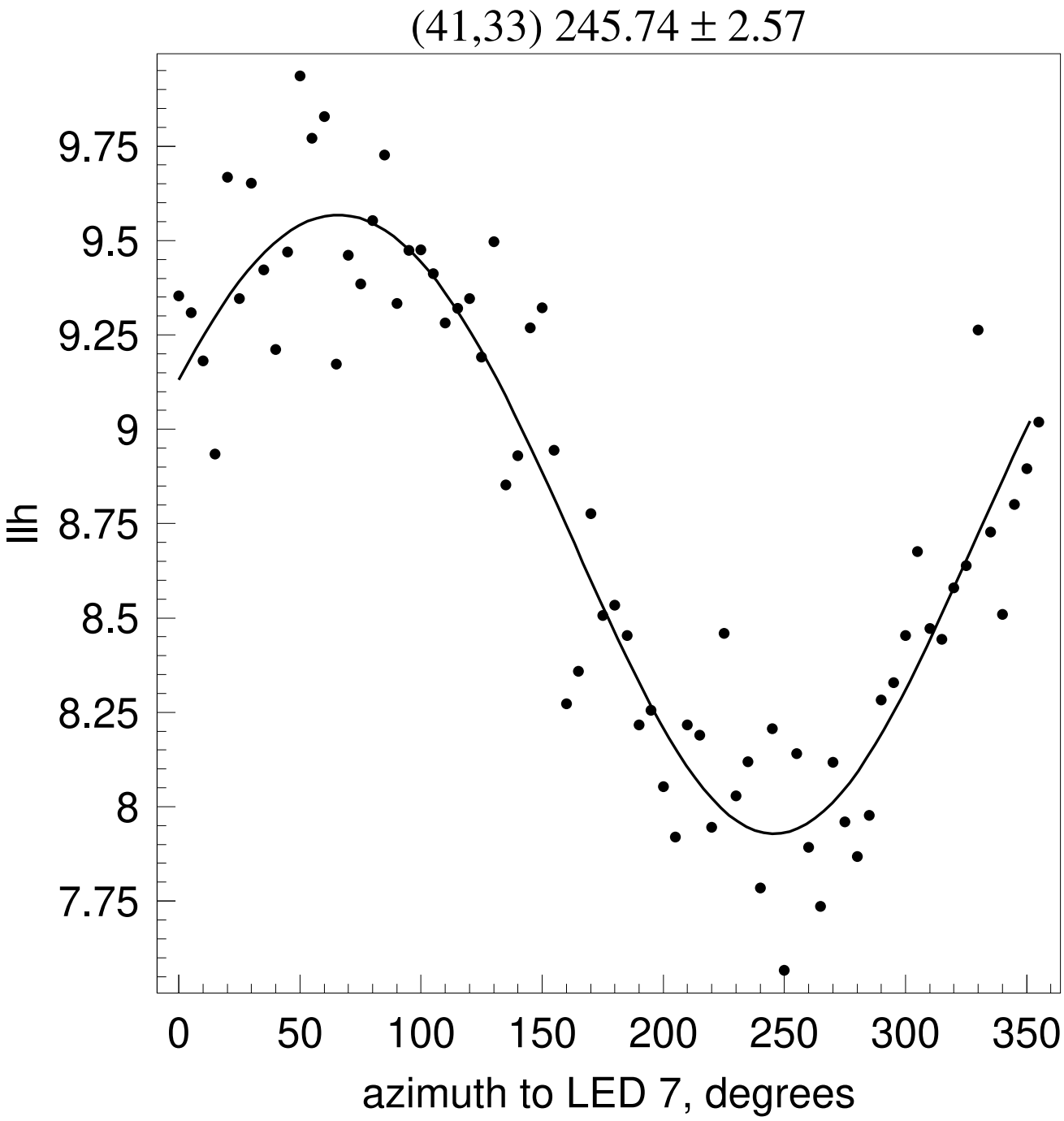

(41,28) 226.05 ± 0.11
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

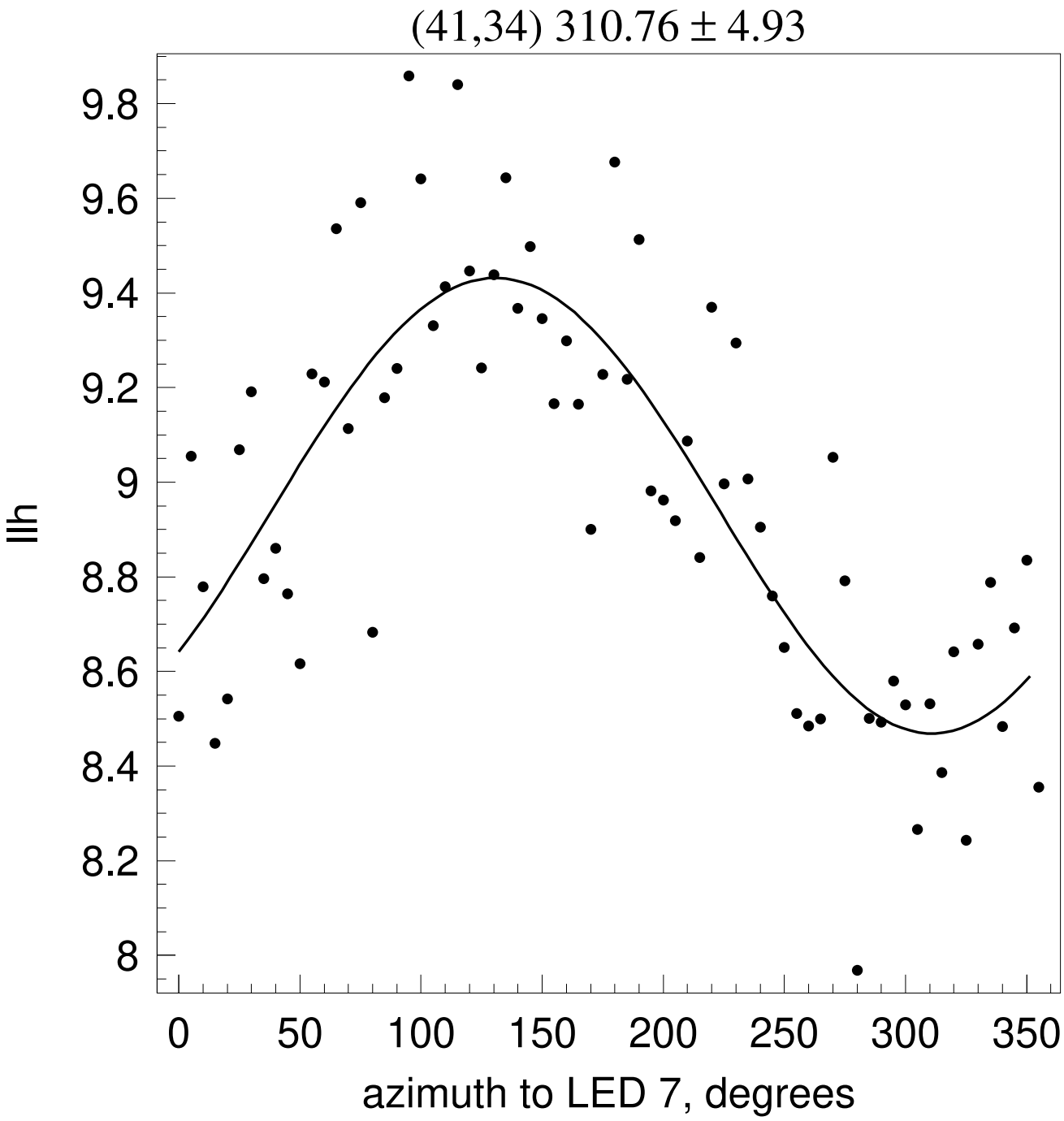

(41,29) 335.91 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

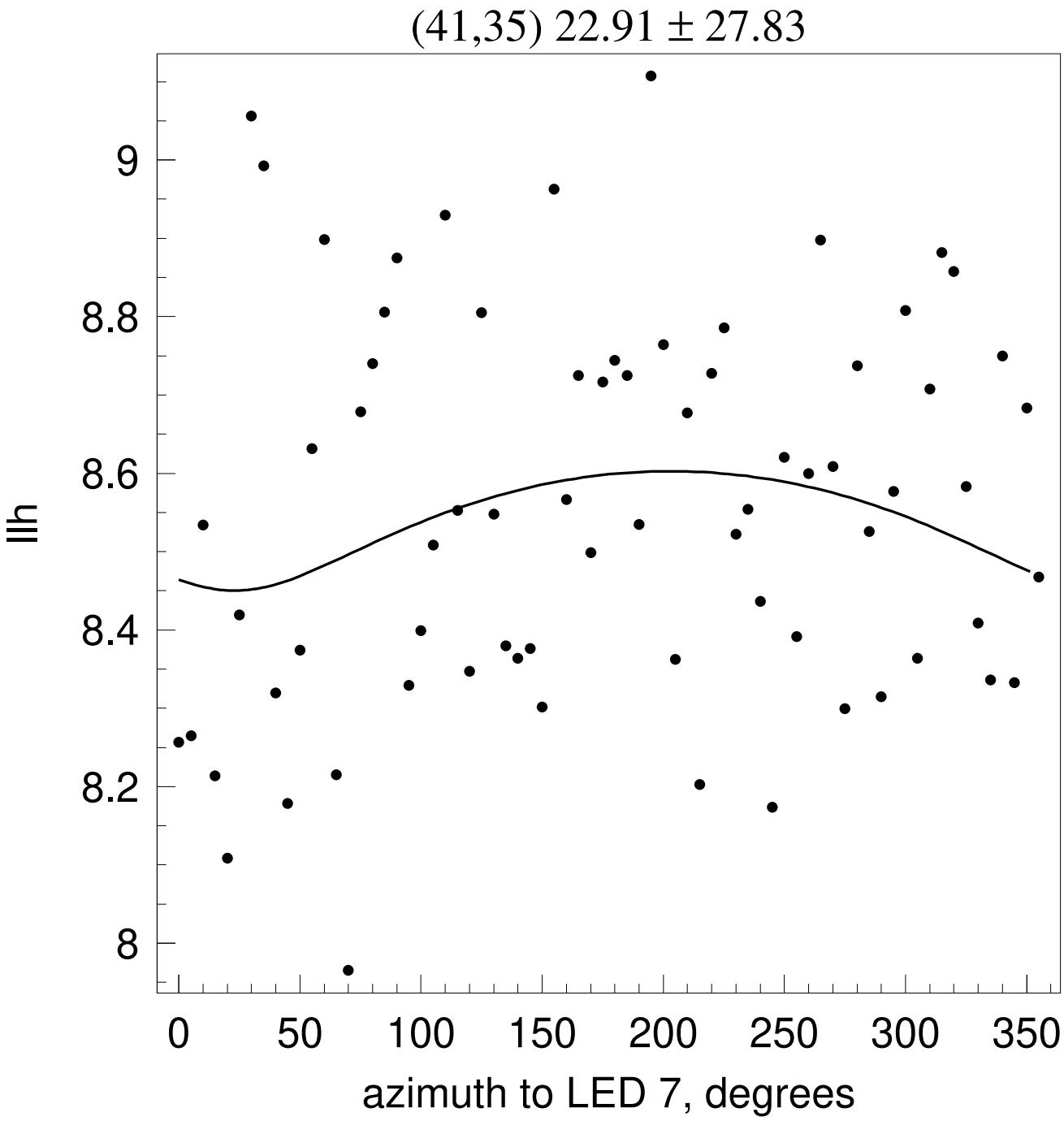

(41,30) 1.83 ± 0.08
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

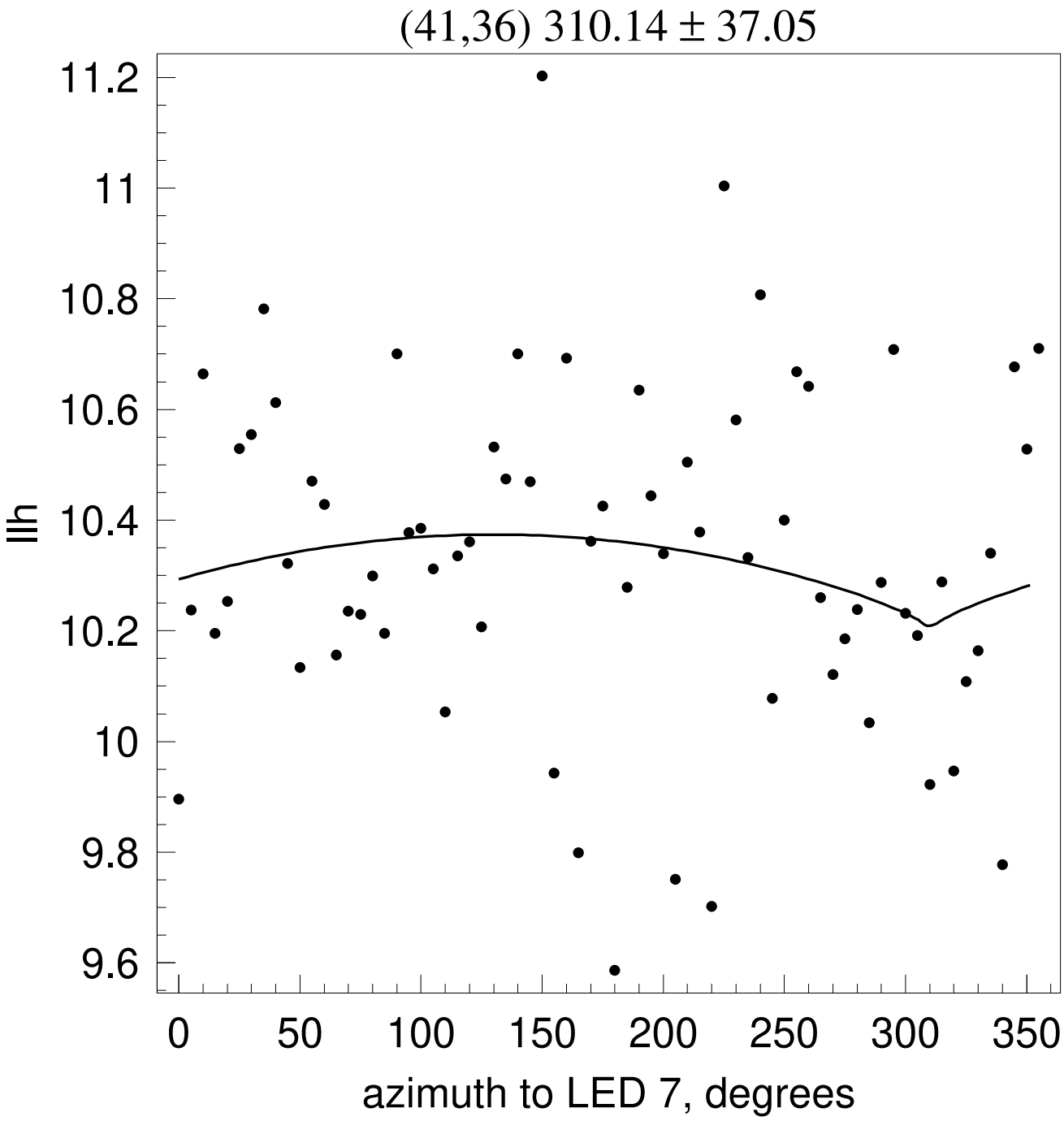

(41,31) 191.77 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

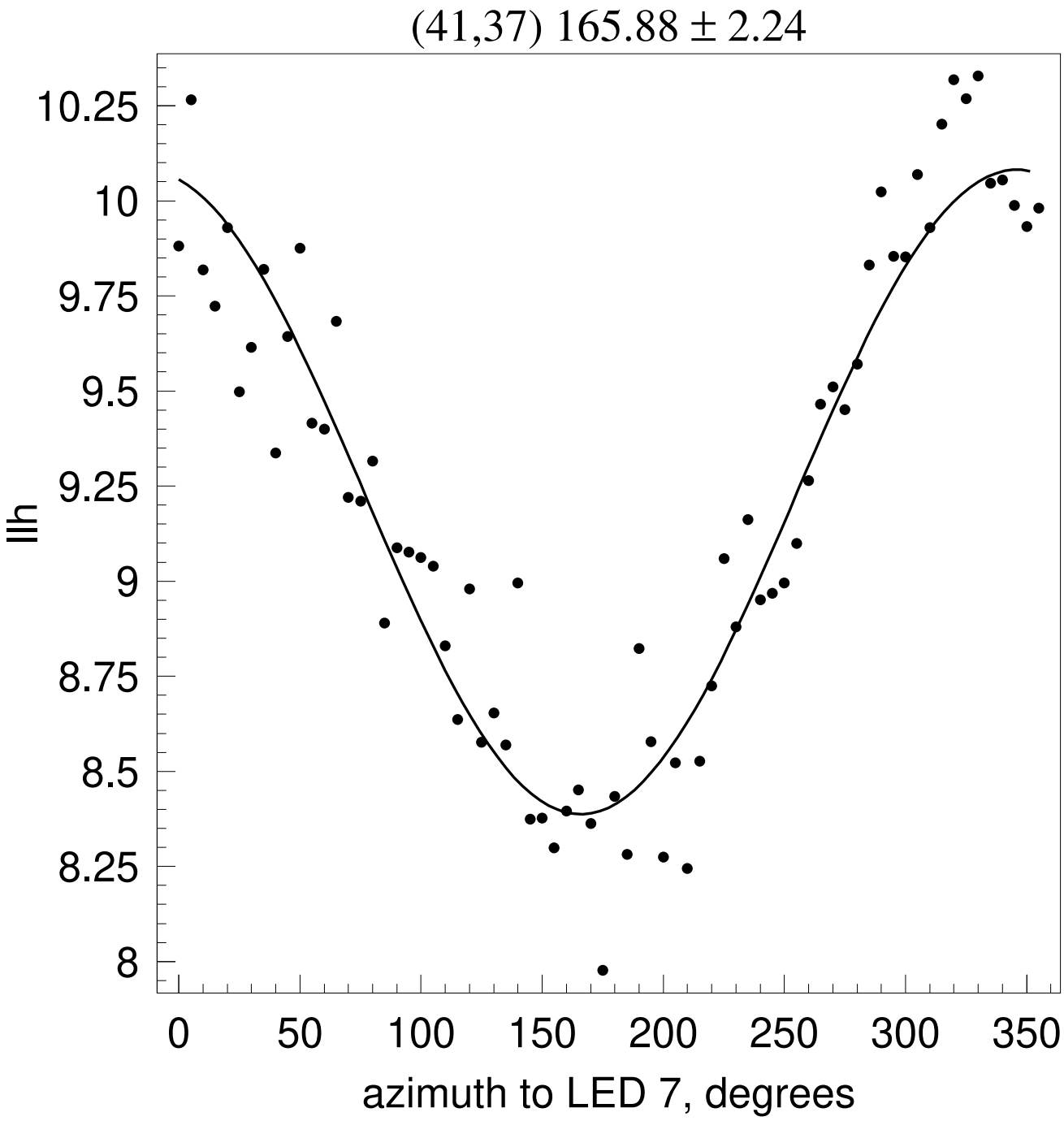

(41,32) 98.73 ± 0.33
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

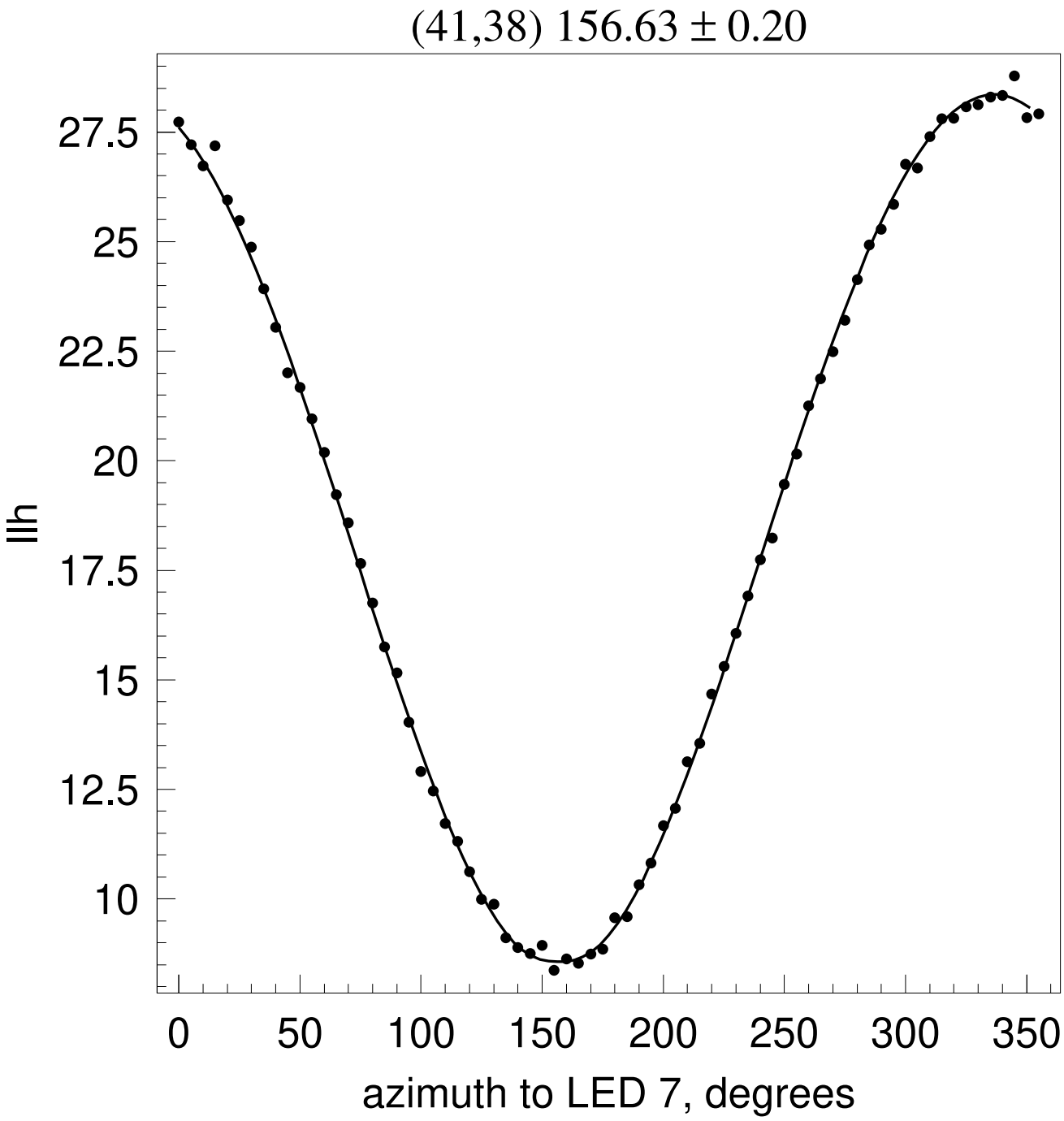

(41,33) 245.74 ± 2.57
9.75
9.5
9.25
9
8.75
8.5
8.25
8
7.75
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

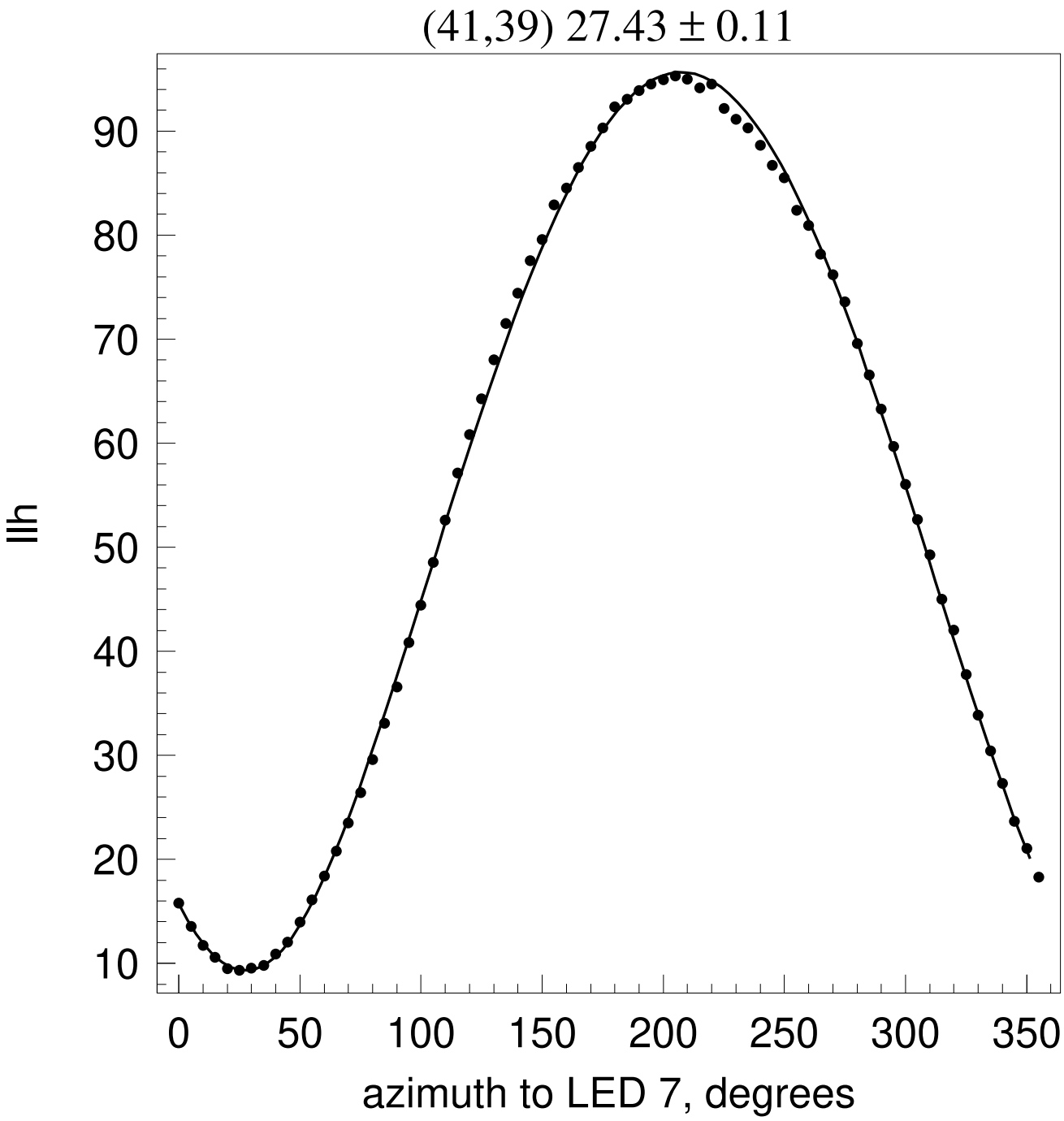

(41,34) 310.76 ± 4.93
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

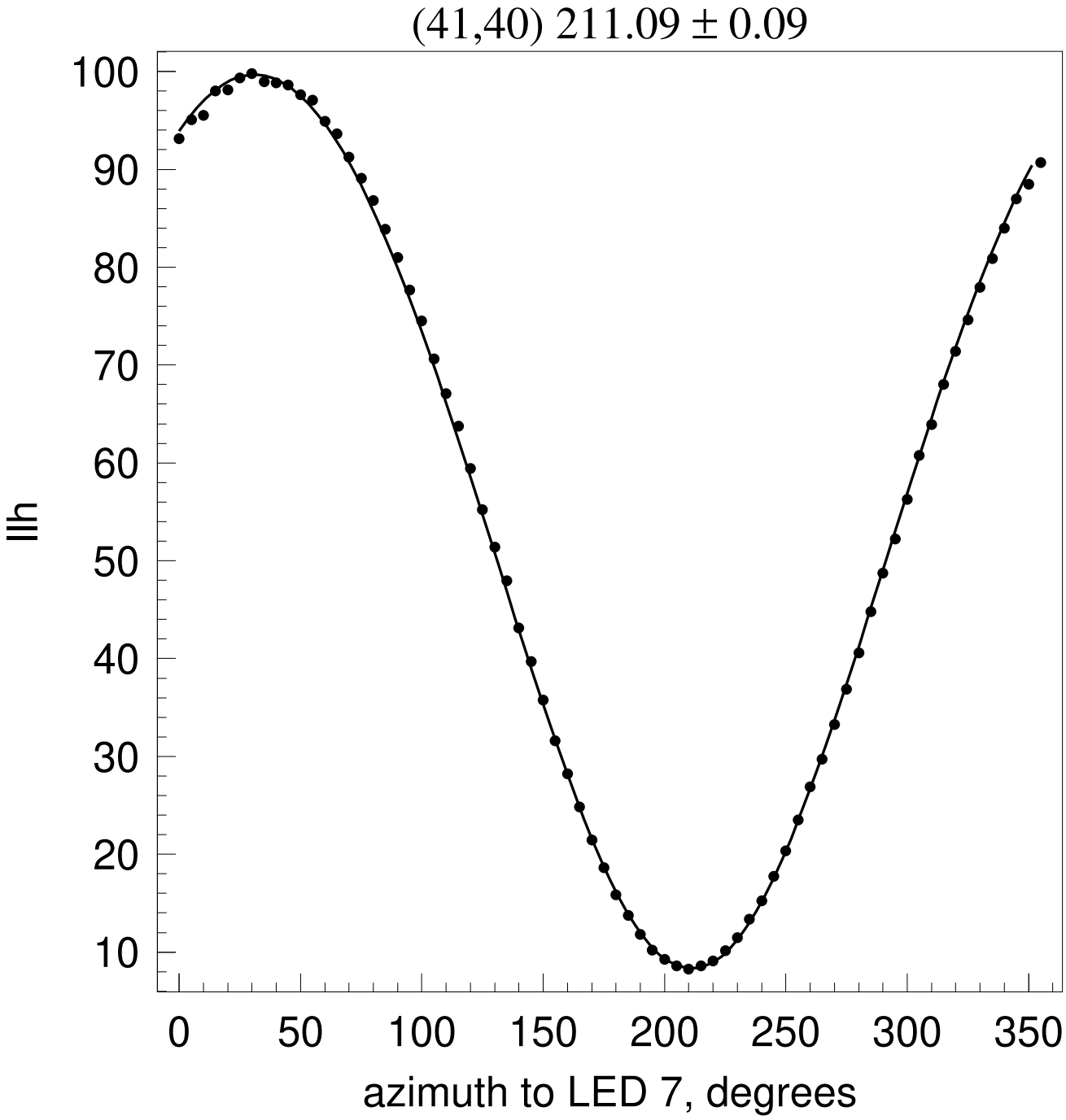

(41,35) 22.91 ± 27.83
llh
9
8.8
8.6
8.4
8.2
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

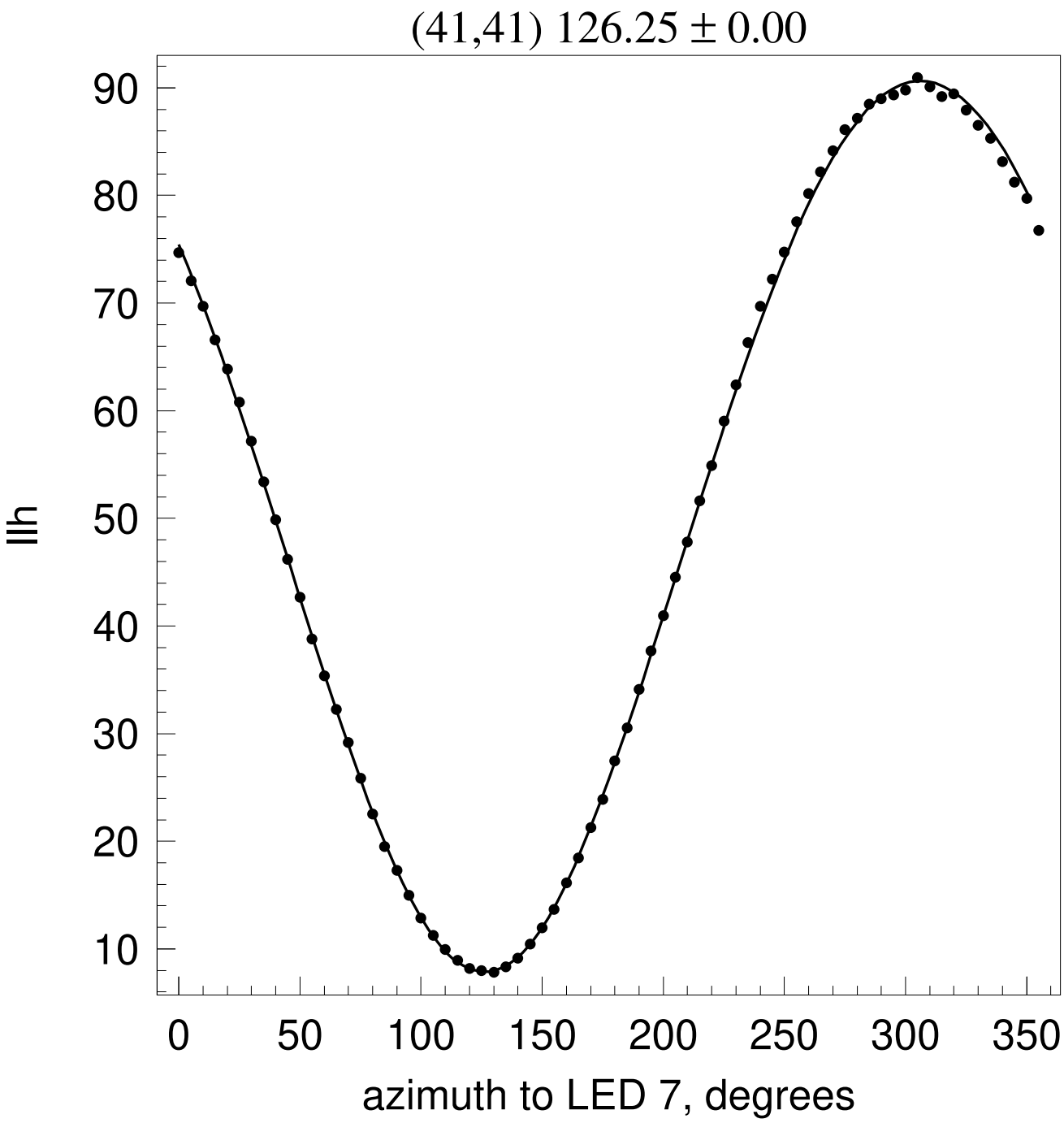

(41,36) 310.14 ± 37.05
11.2
11
10.8
10.6
10.4
10.2
10
9.8
9.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

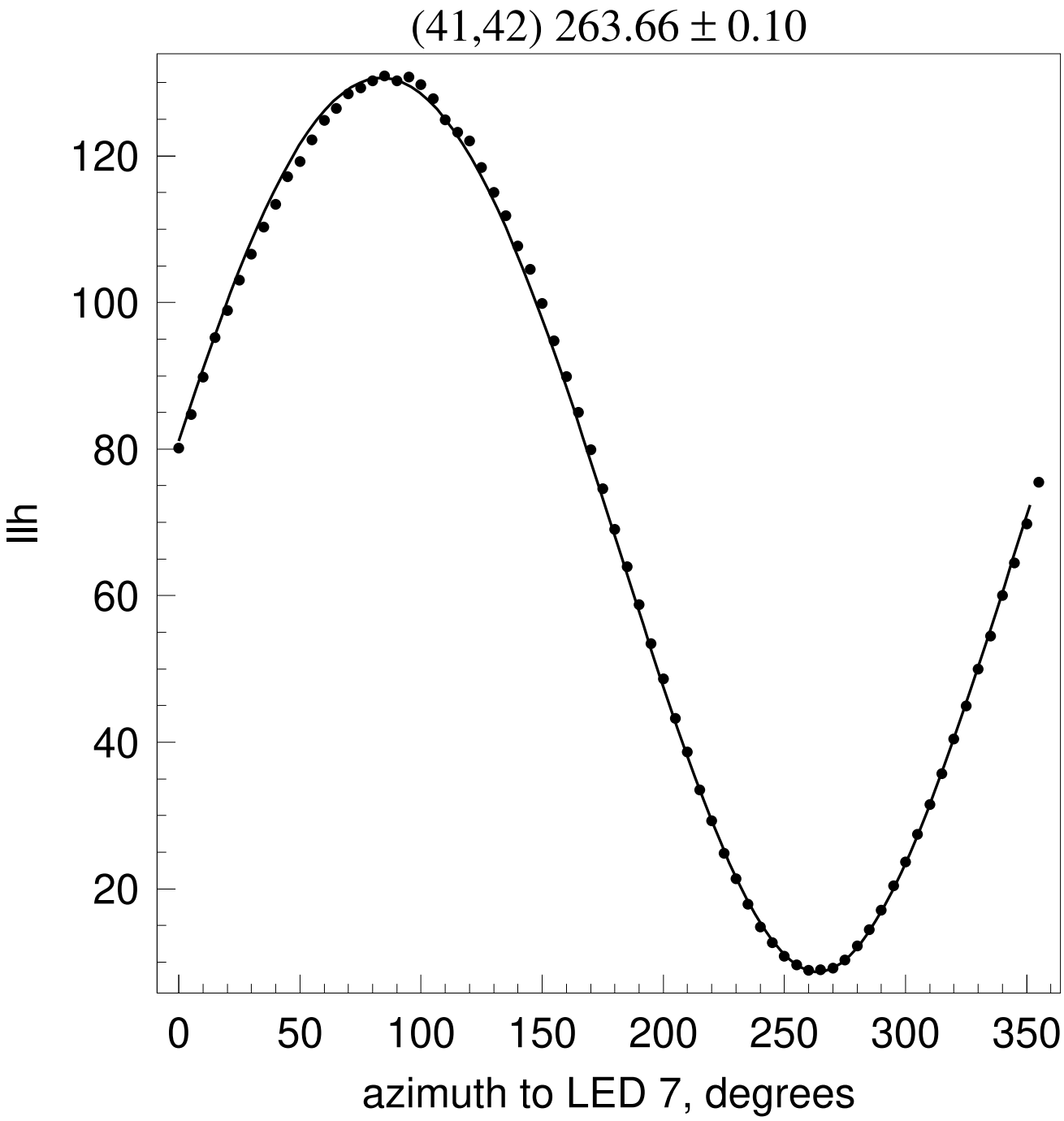

(41,37) 165.88 ± 2.24
10.25
10
9.75
9.5
9.25
9
8.75
8.5
8.25
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

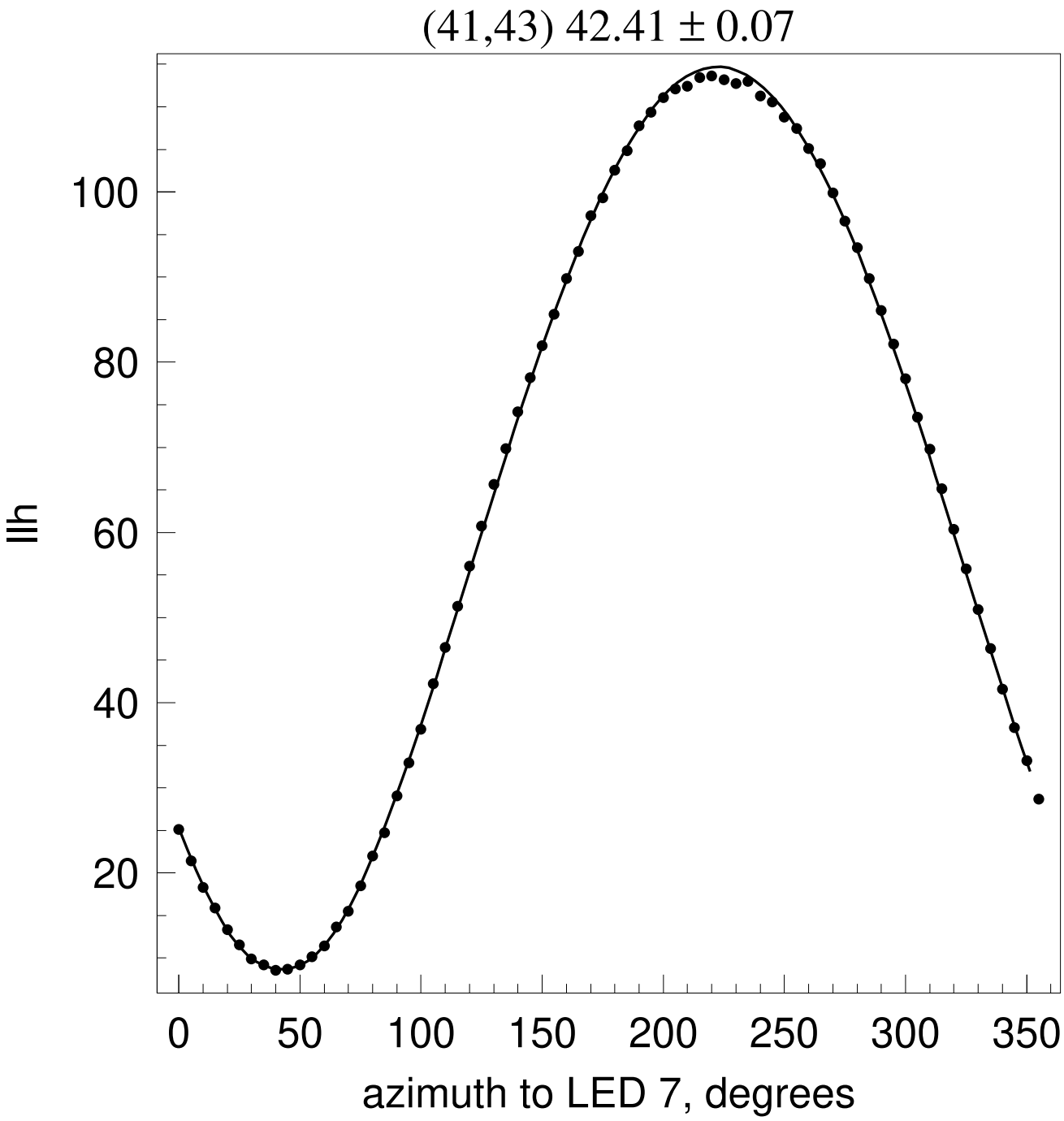

(41,38) 156.63 ± 0.20
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

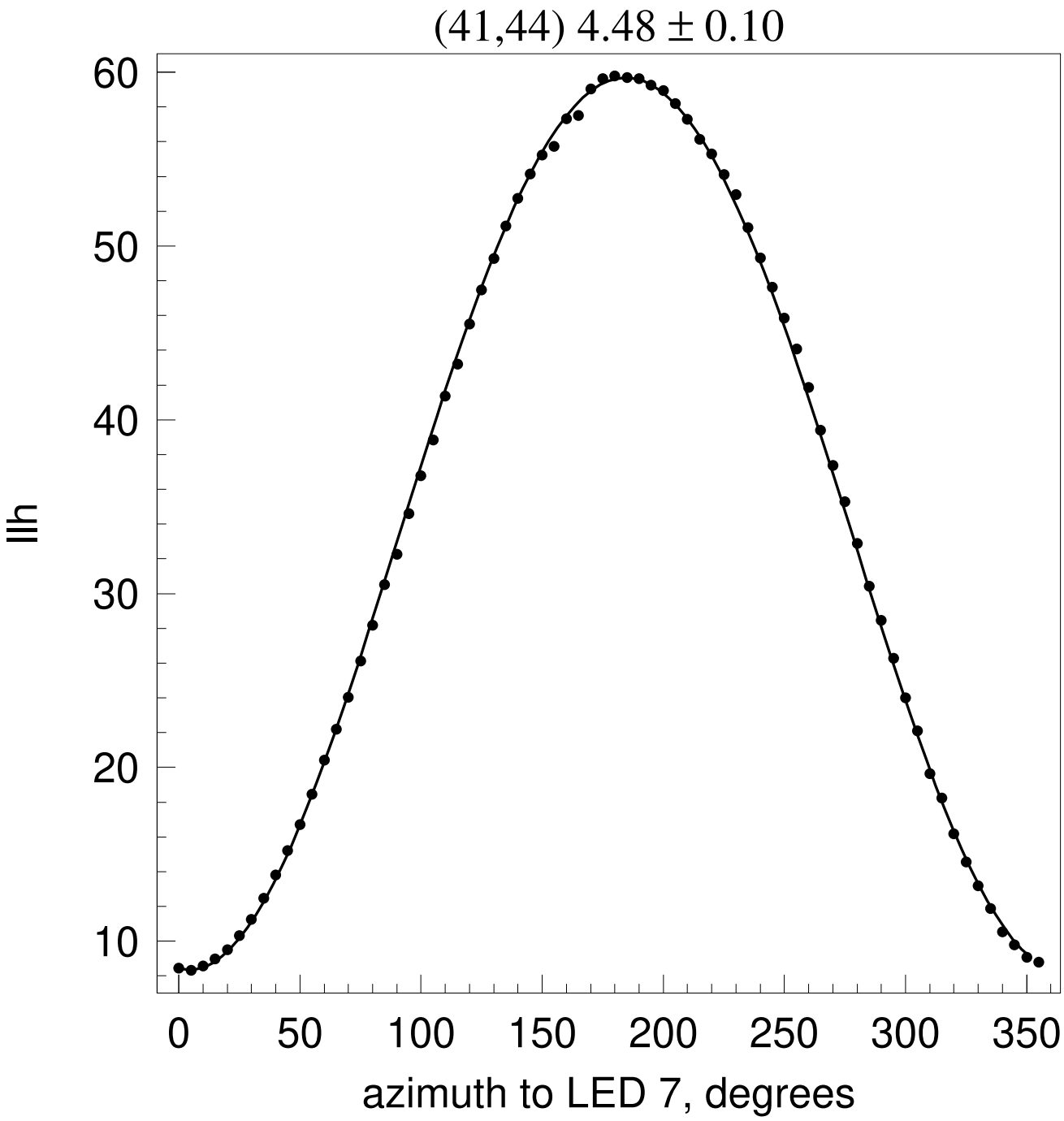

(41,39) 27.43 ± 0.11
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

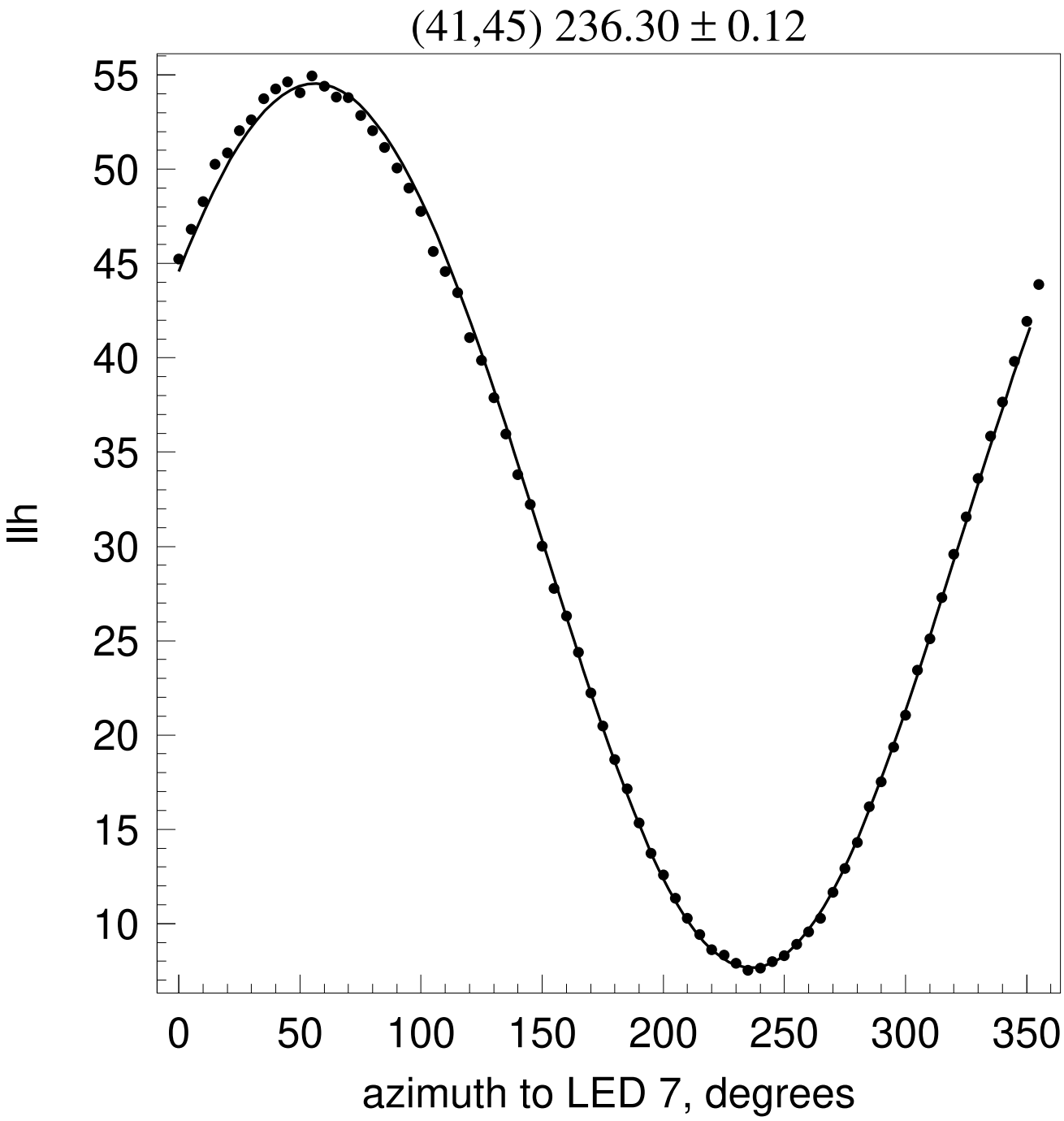

(41,40) 211.09 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

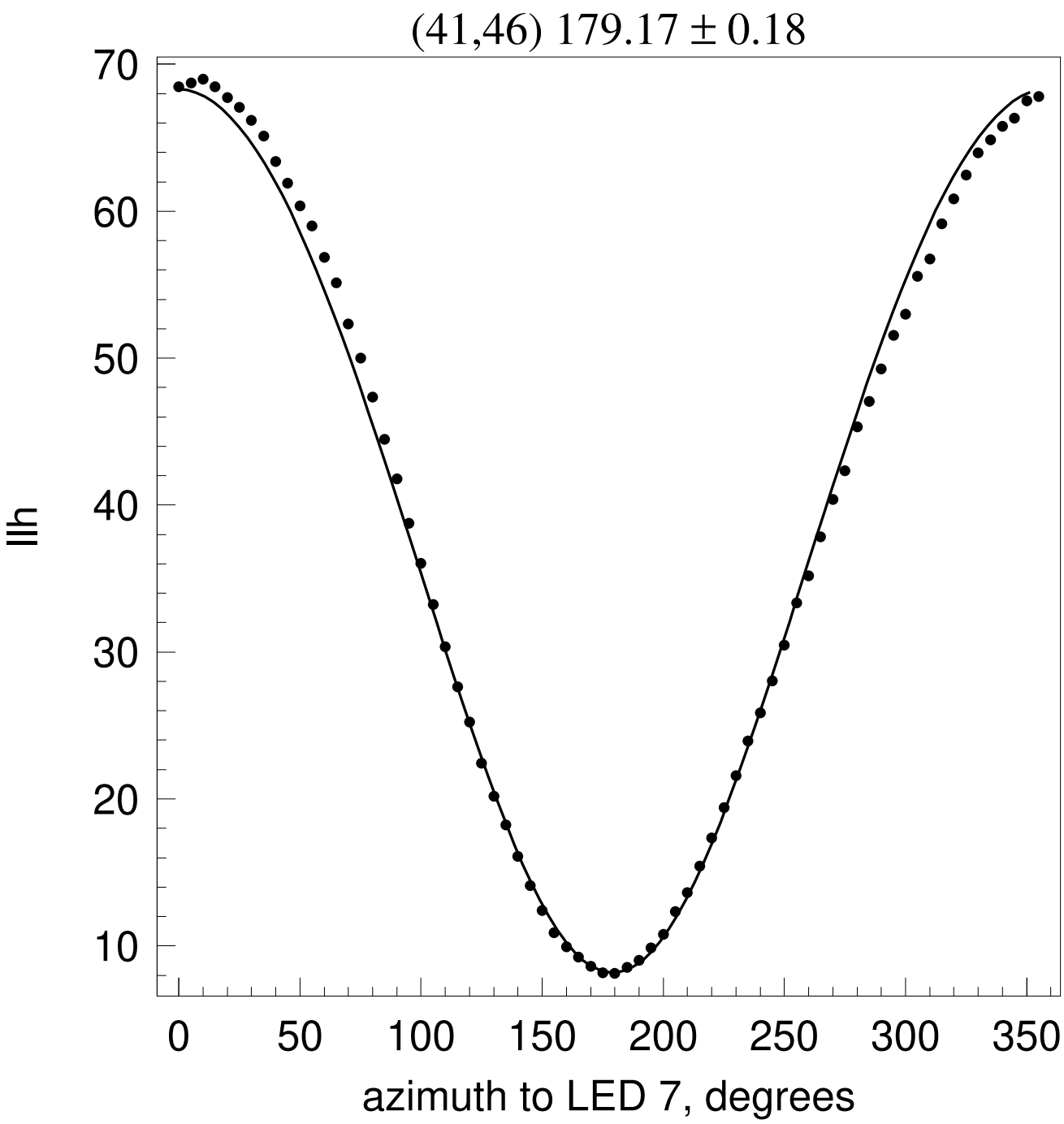

(41,41) 126.25 ± 0.00
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

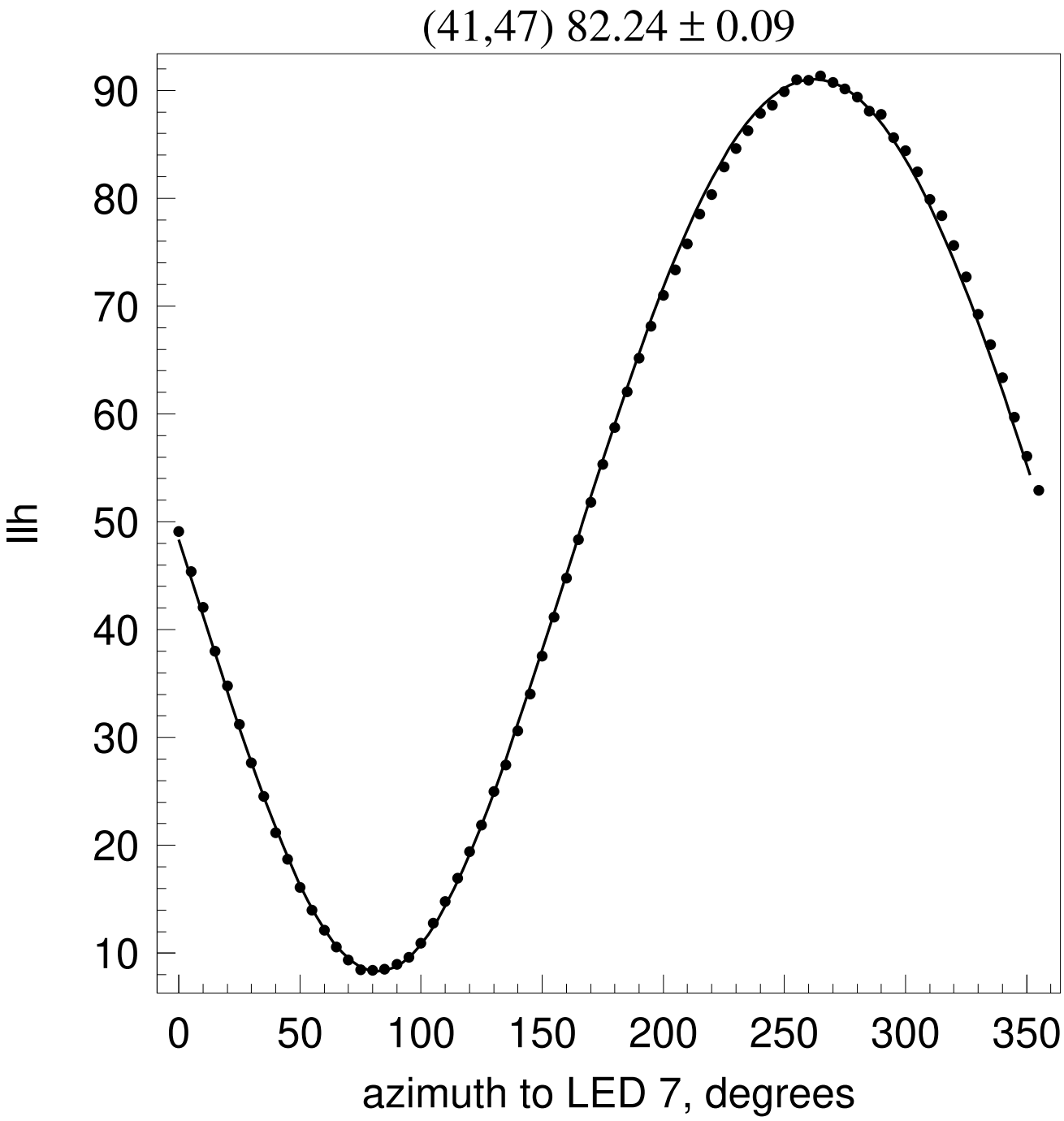

(41,42) 263.66 ± 0.10
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

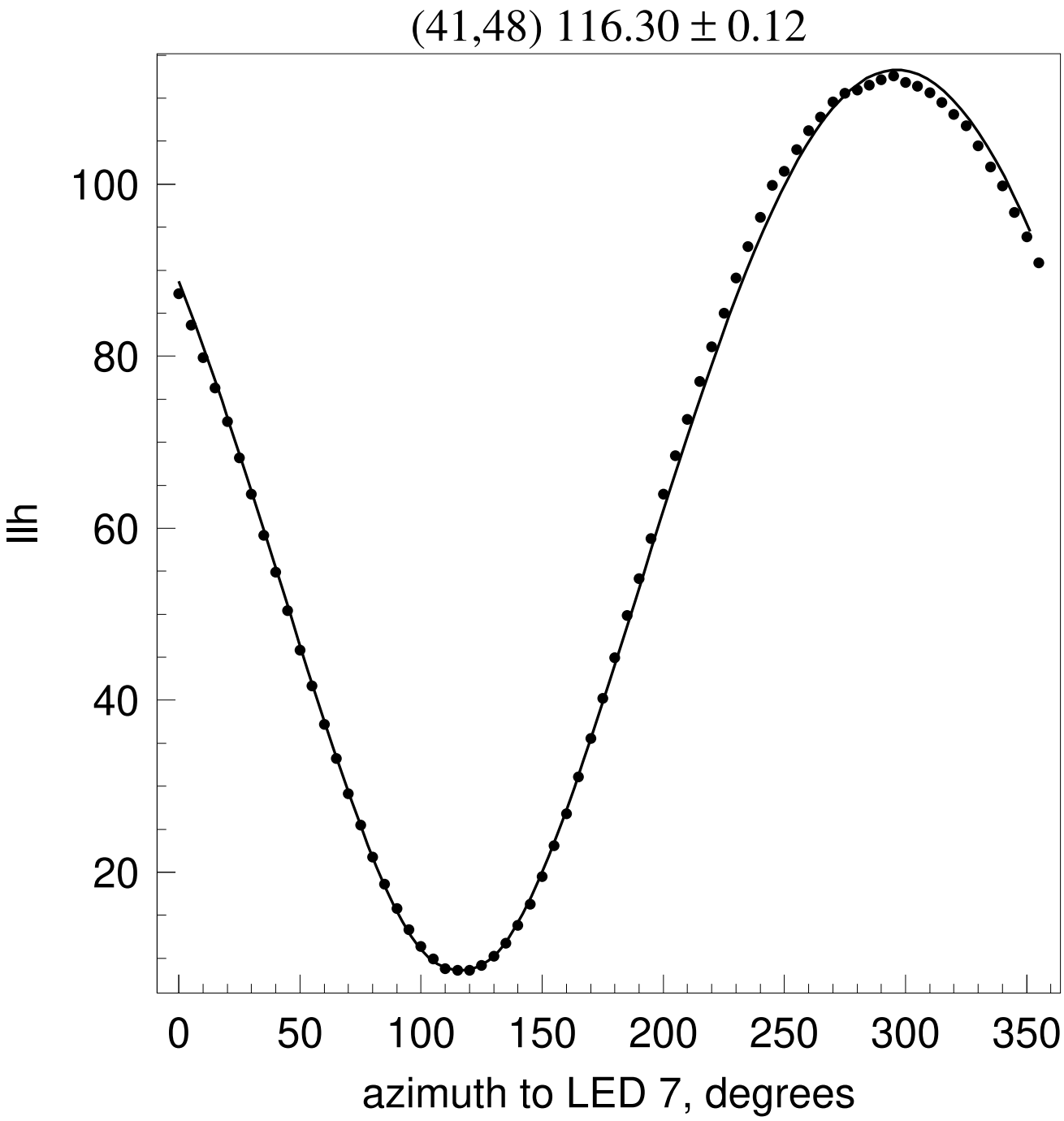

(41,43) 42.41 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

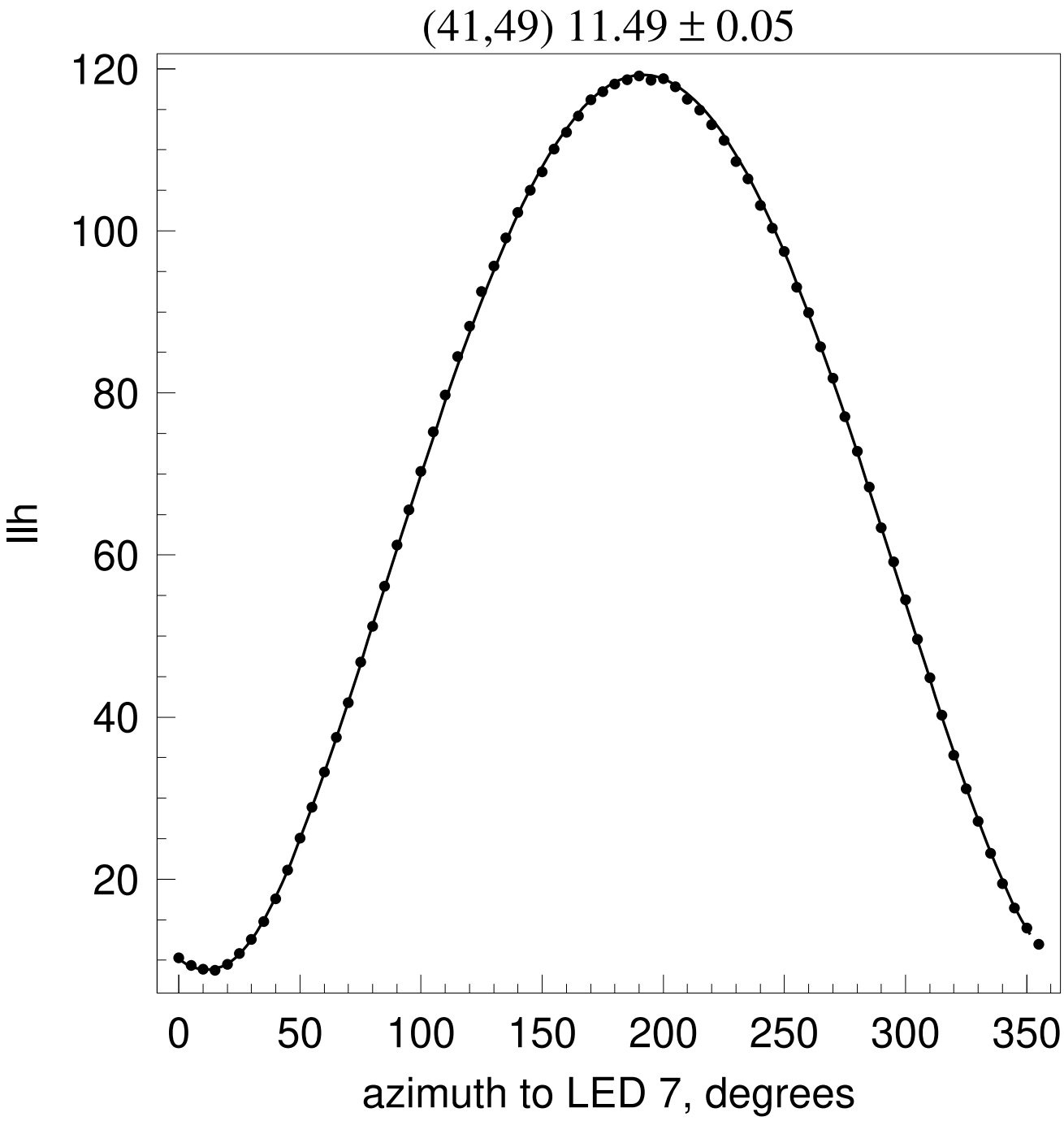

(41,44) 4.48 ± 0.10
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

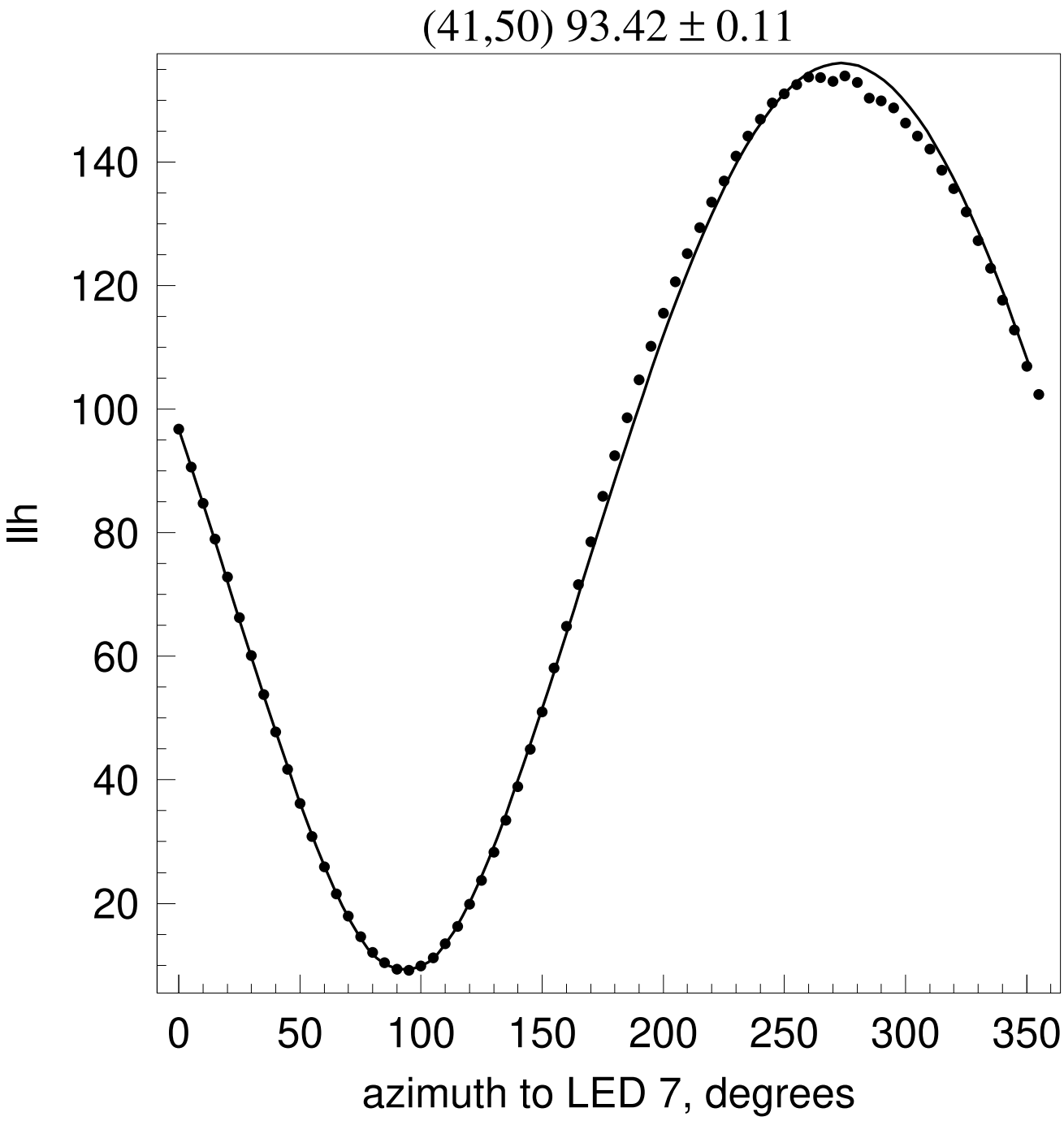

(41,45) 236.30 ± 0.12
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

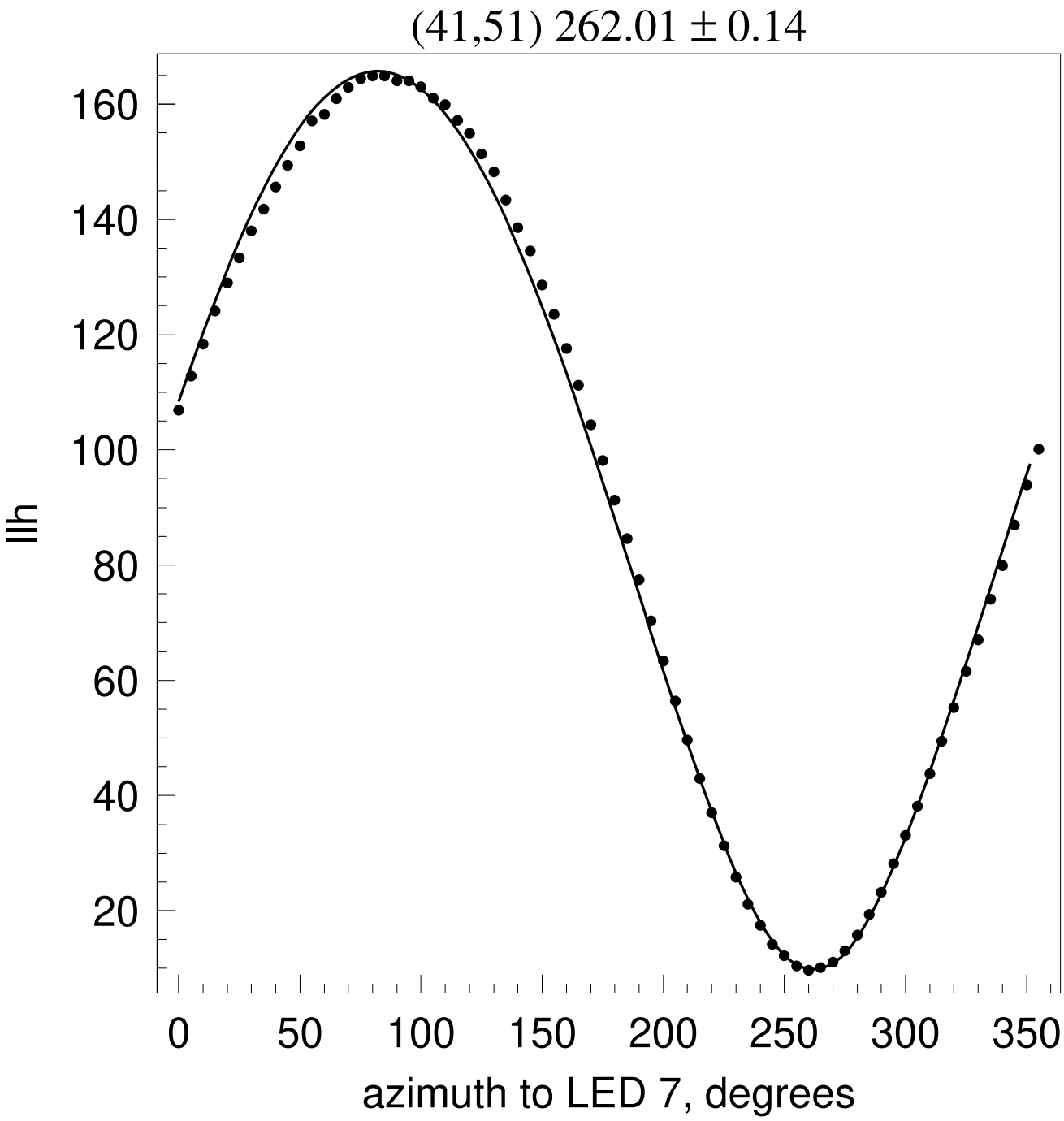

(41,46) 179.17 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

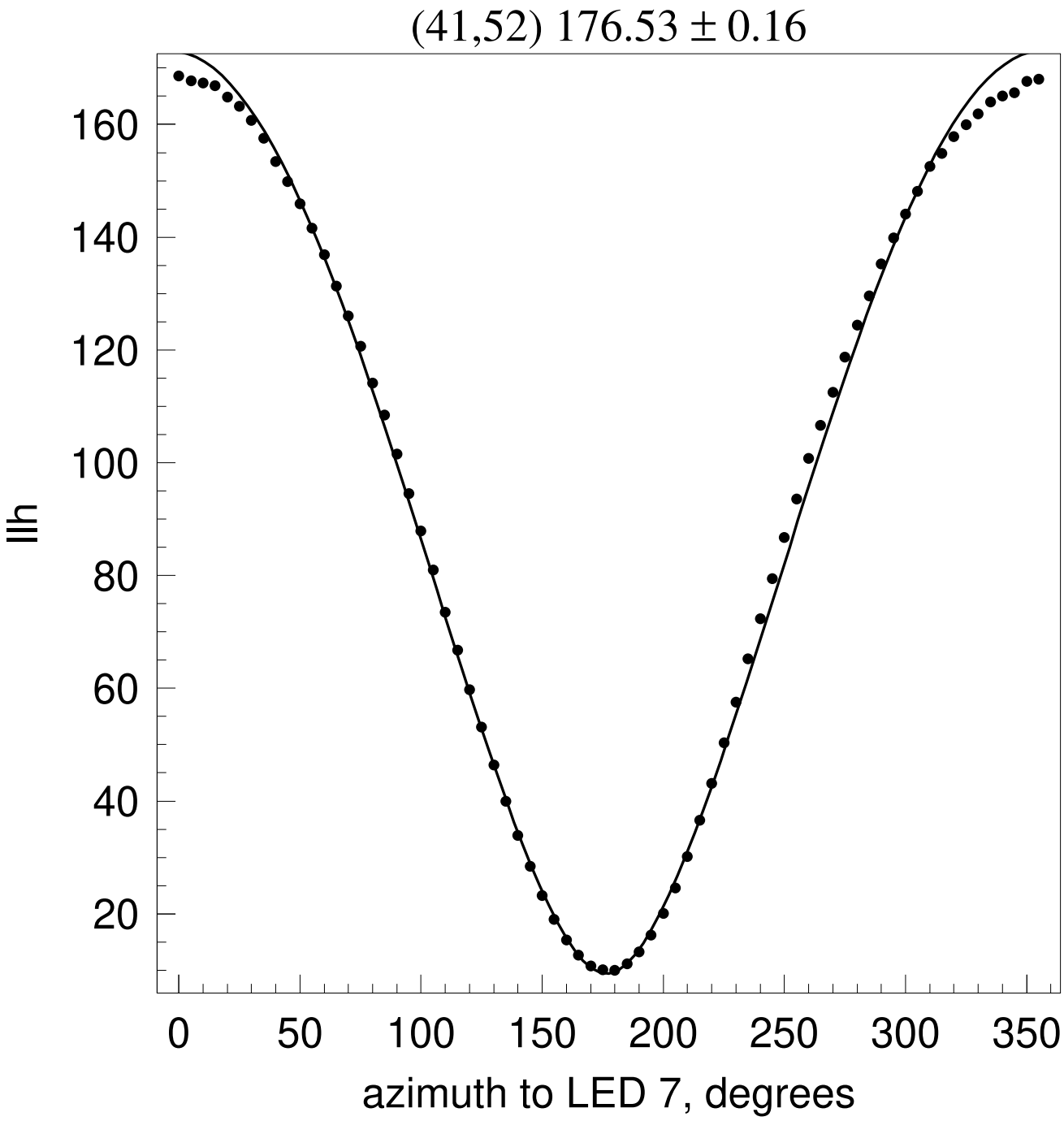

(41,47) 82.24 ± 0.09
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

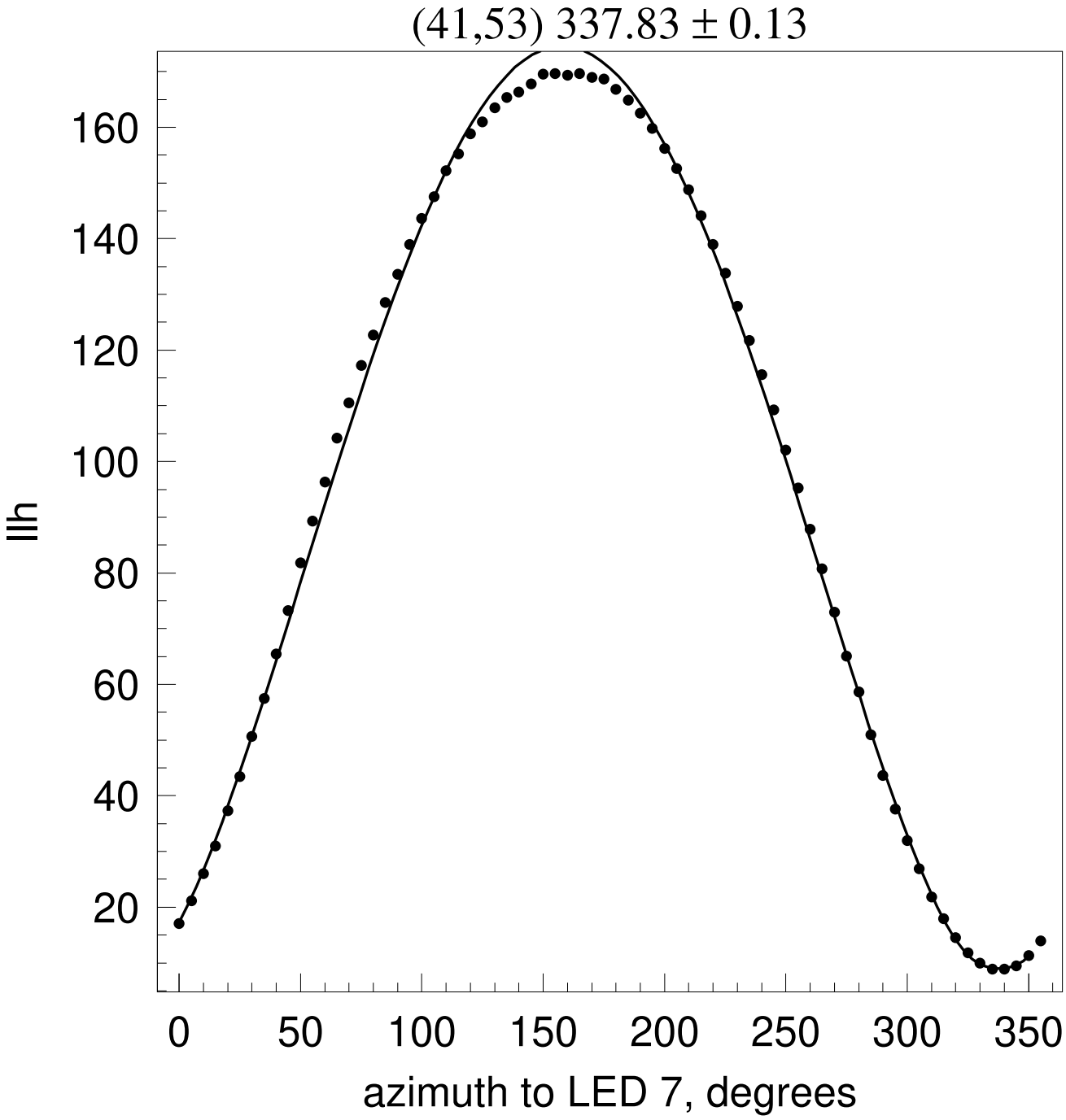

(41,48) 116.30 ± 0.12
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

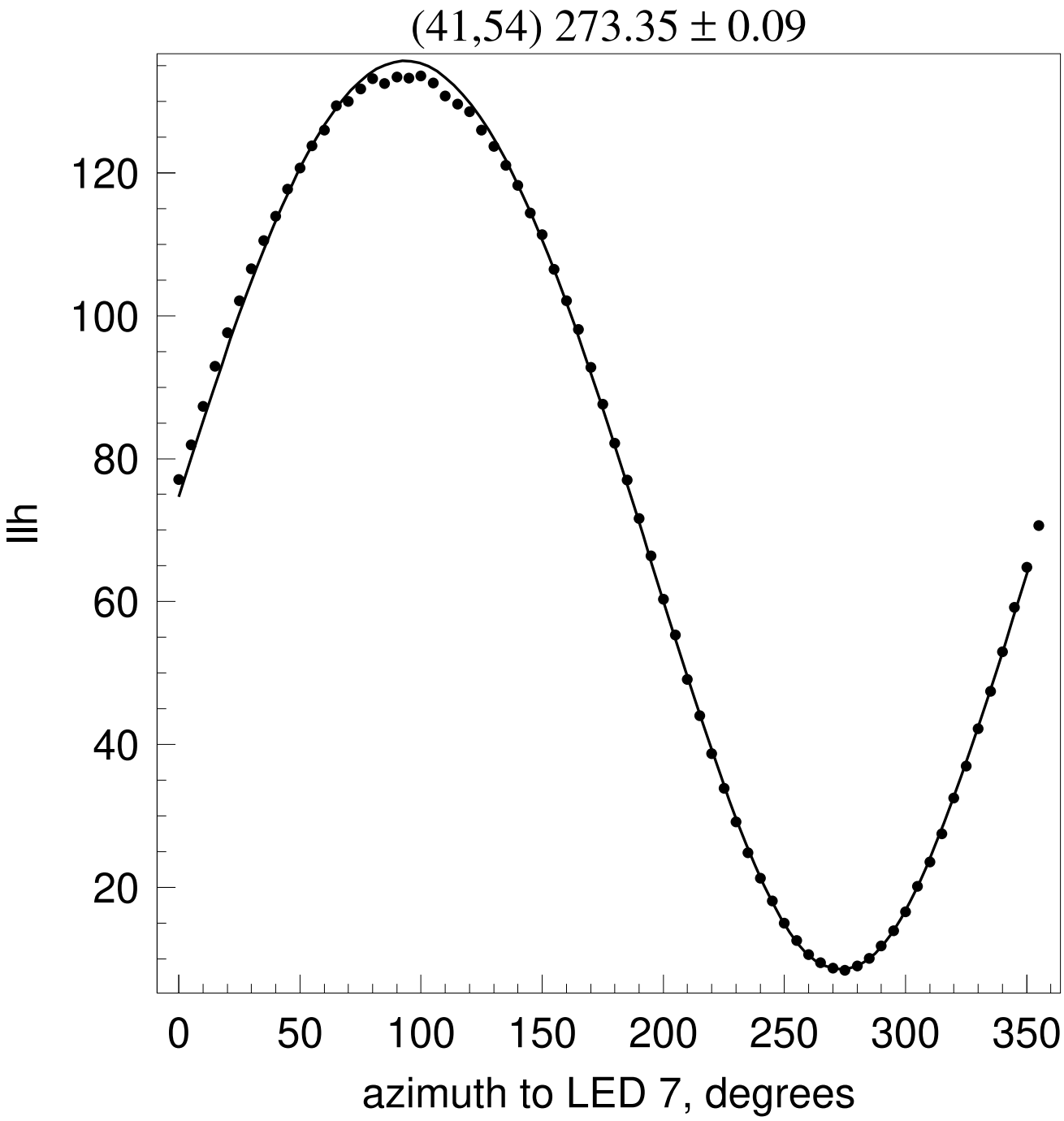

(41,49) 11.49 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

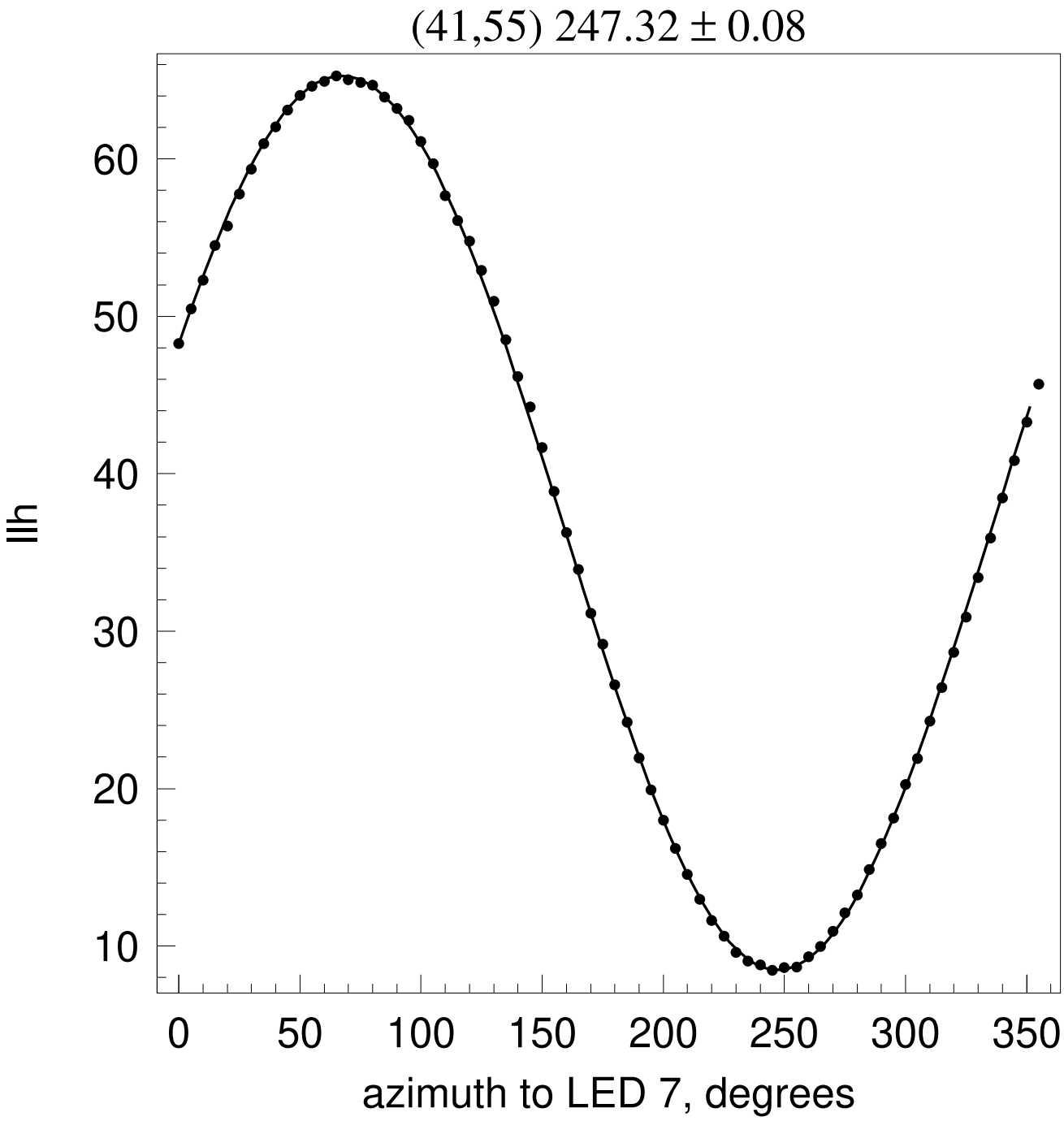

(41,50) 93.42 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

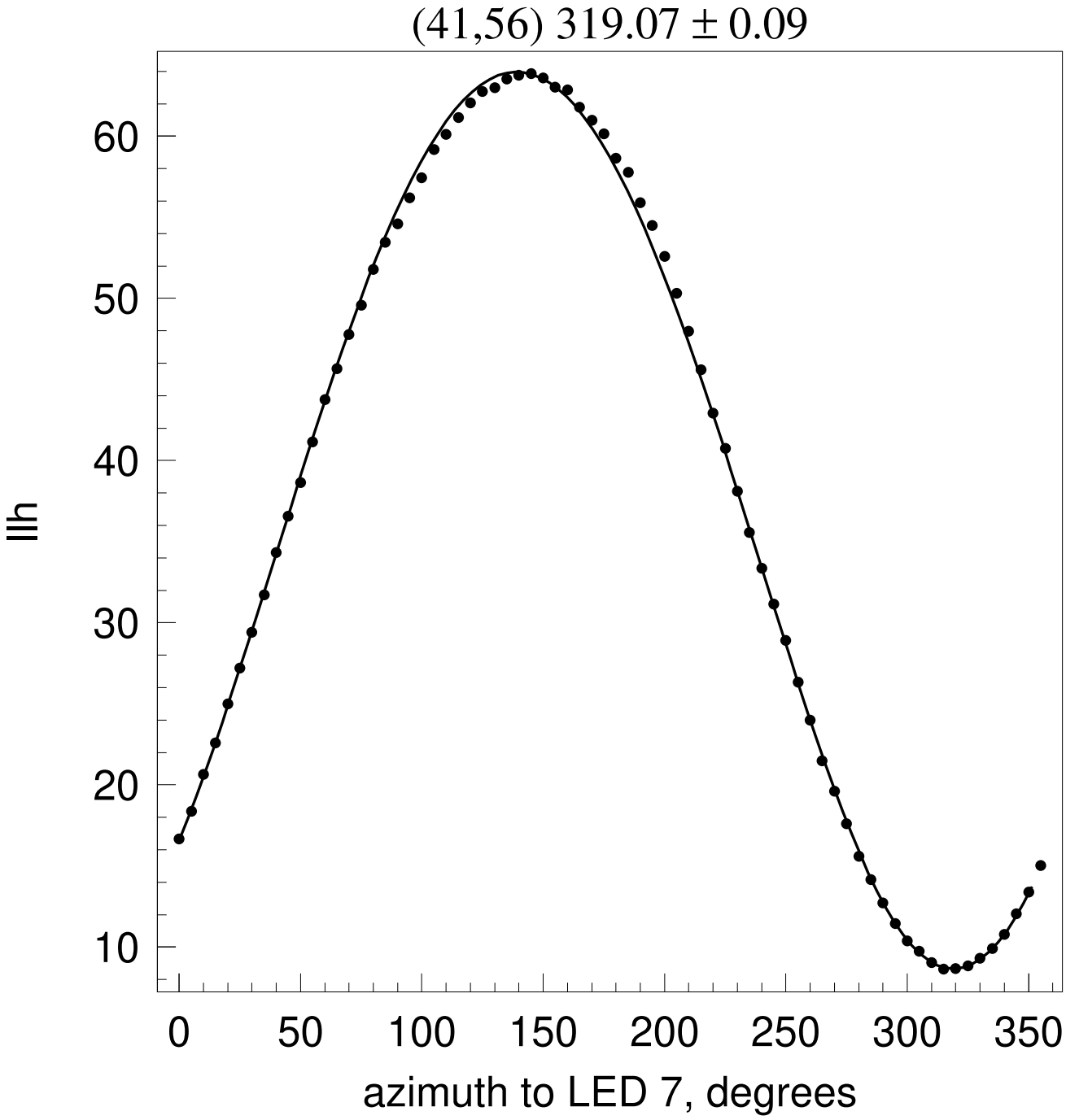

(41,51) 262.01 ± 0.14
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

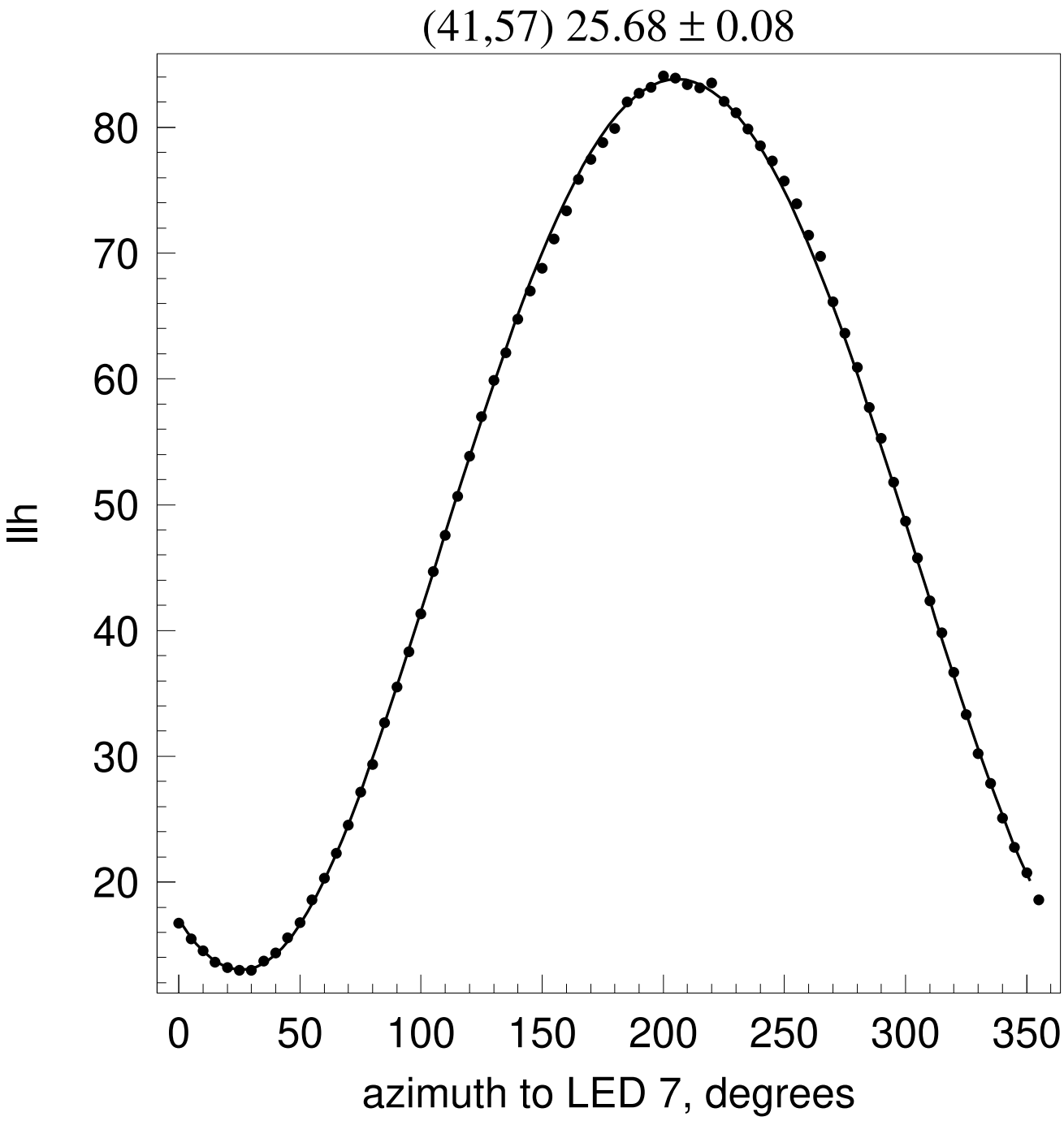

(41,52) 176.53 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

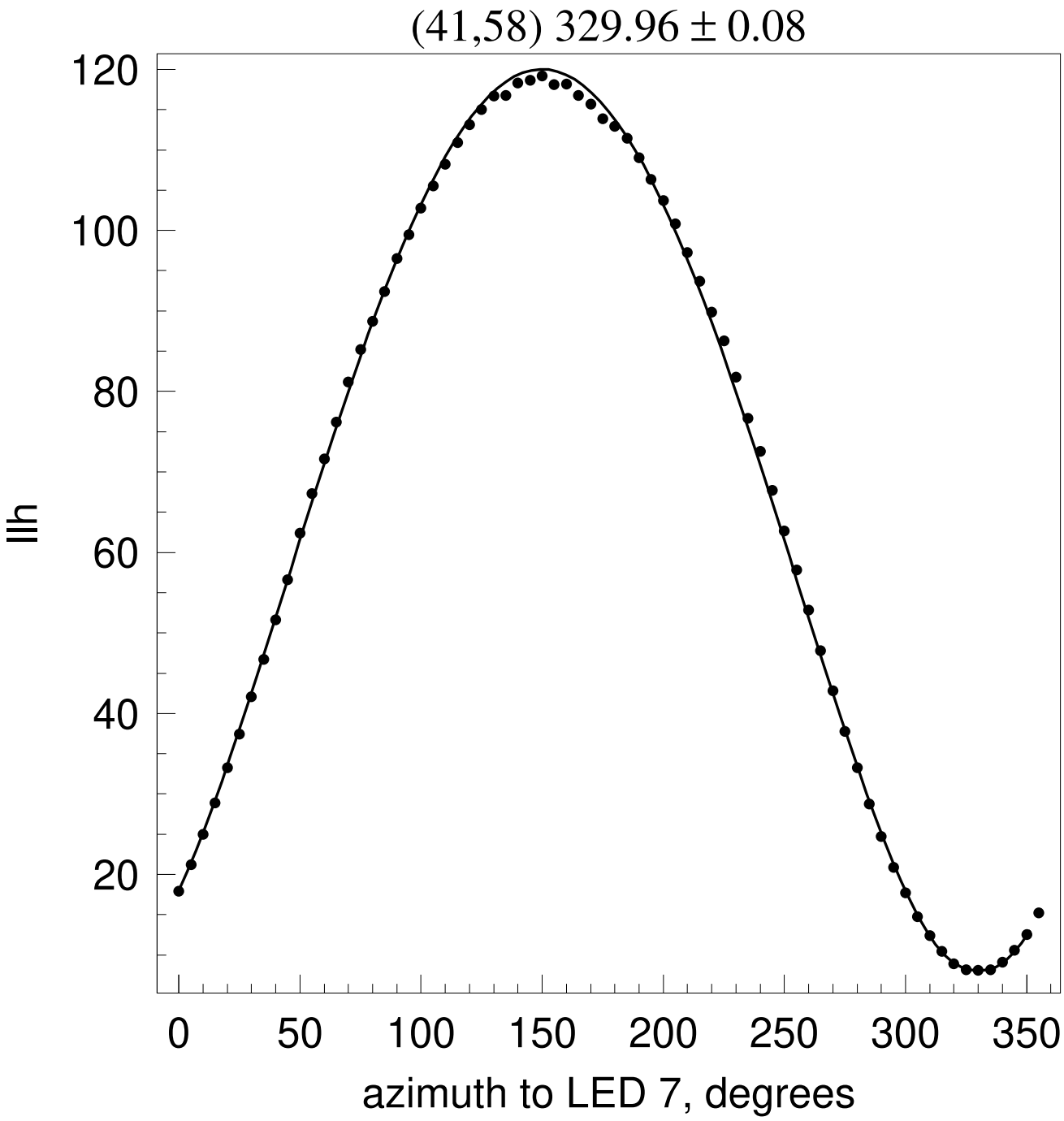

(41,53) 337.83 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

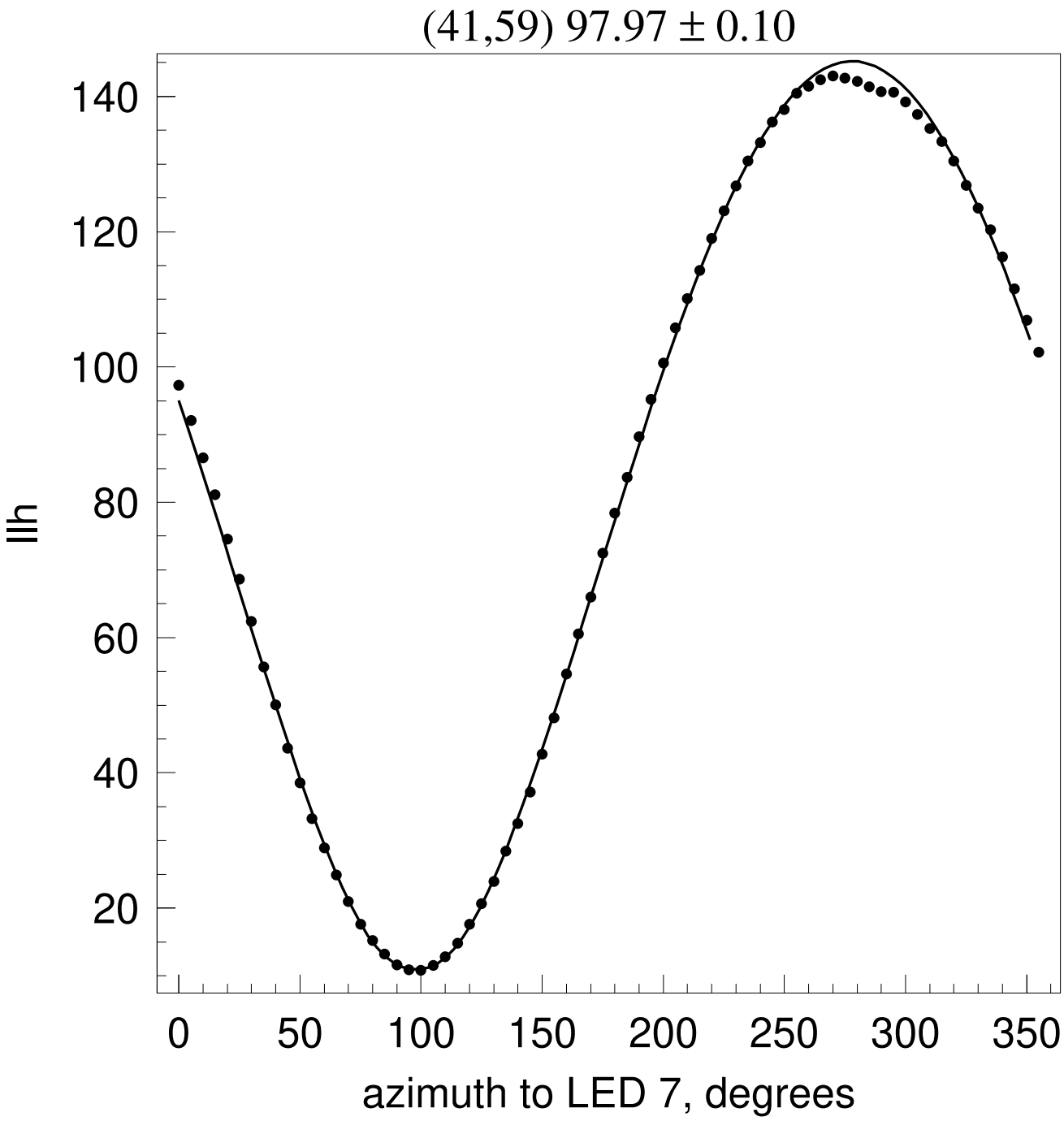

(41,54) 273.35 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

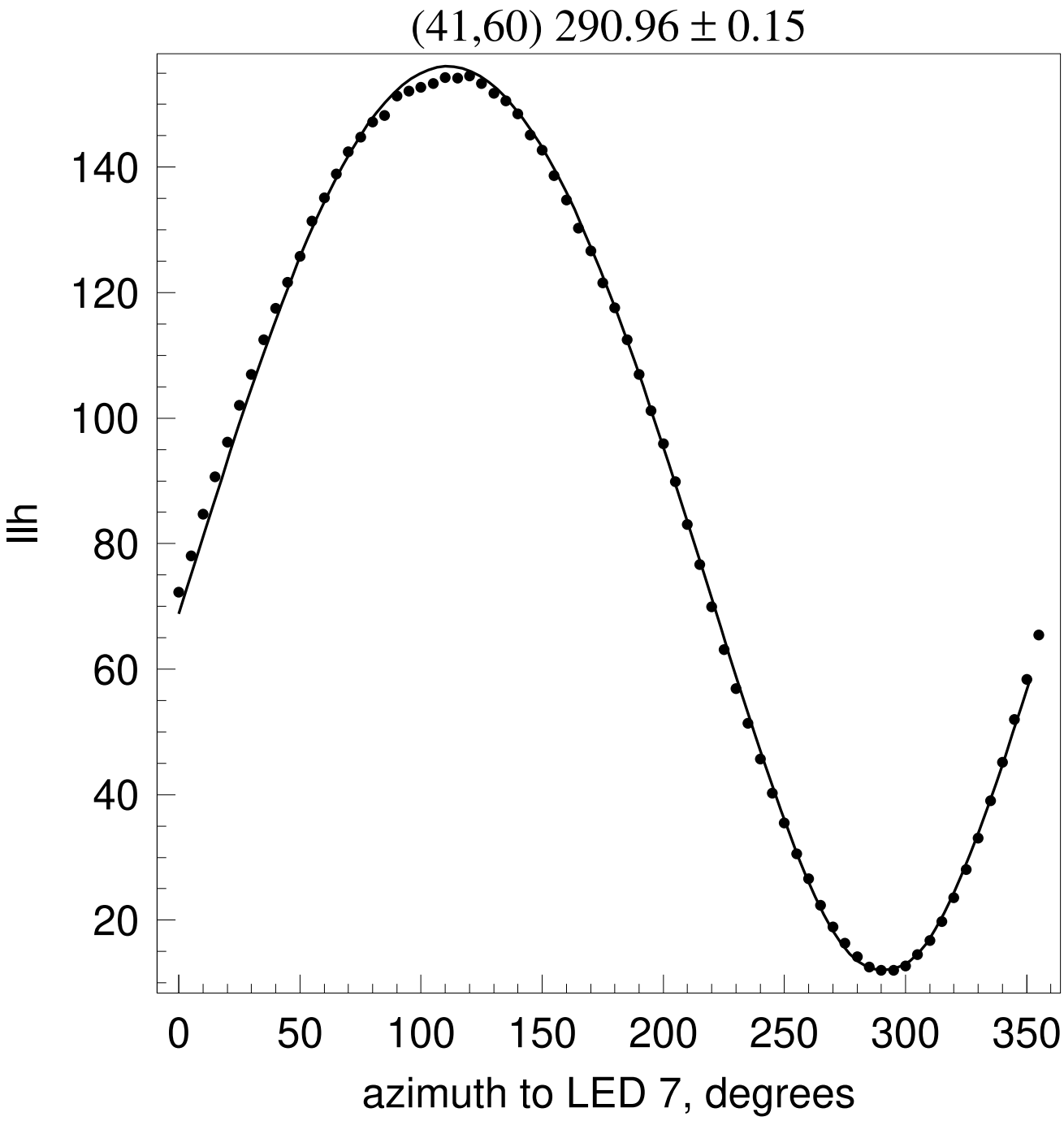

(41,55) 247.32 ± 0.08
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

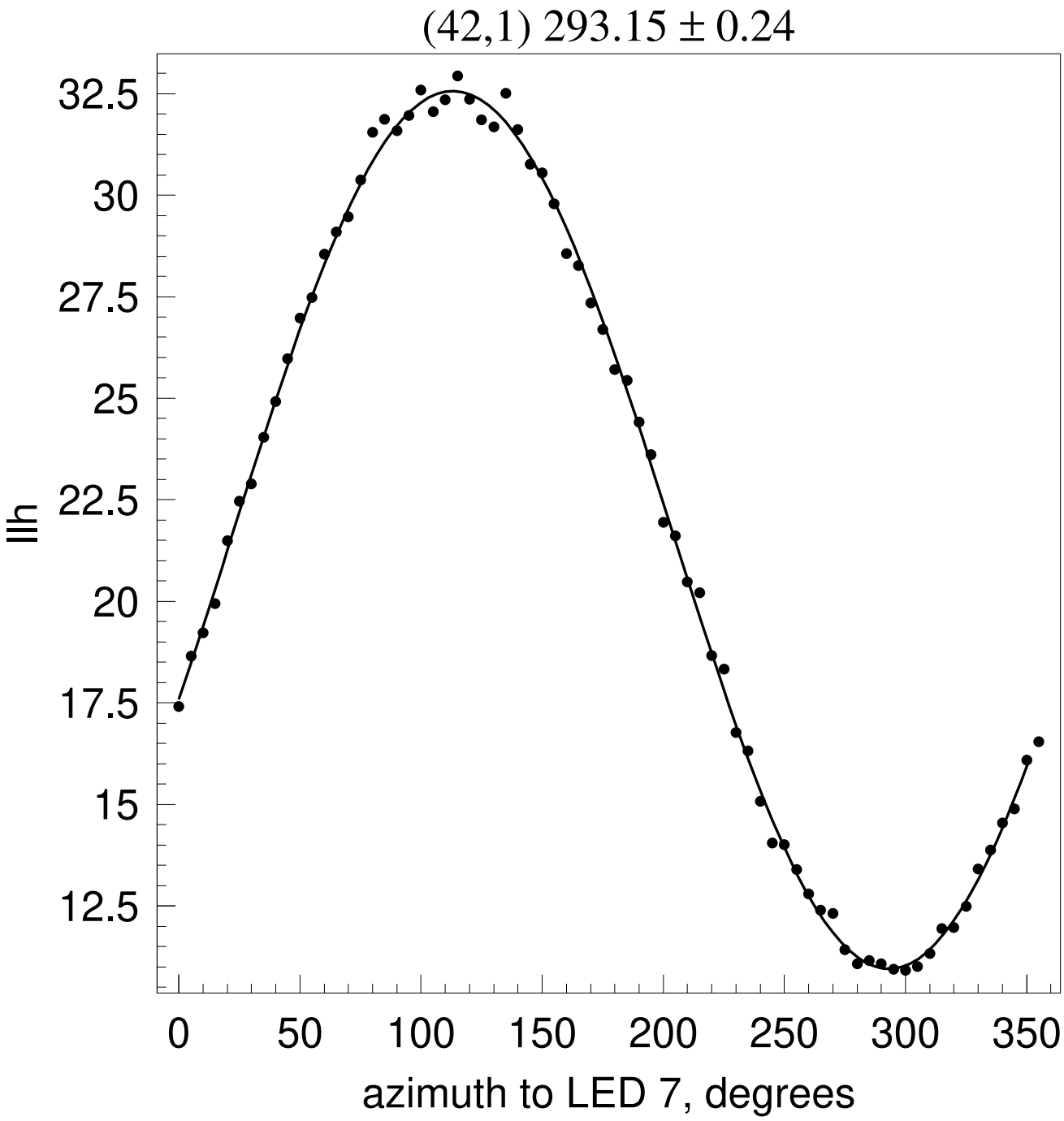

(41,56) 319.07 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

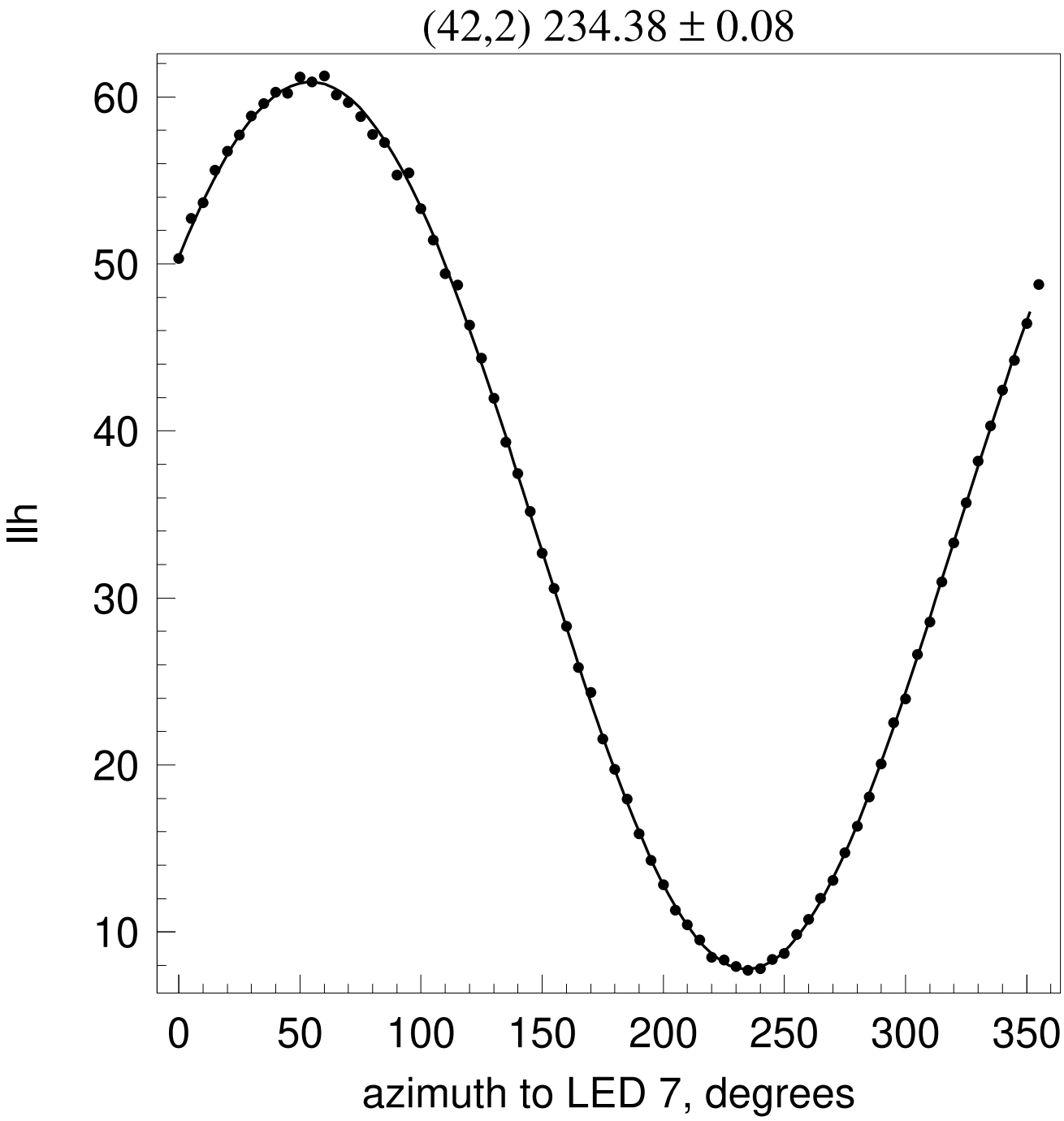

(41,57) 25.68 ± 0.08
llh
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

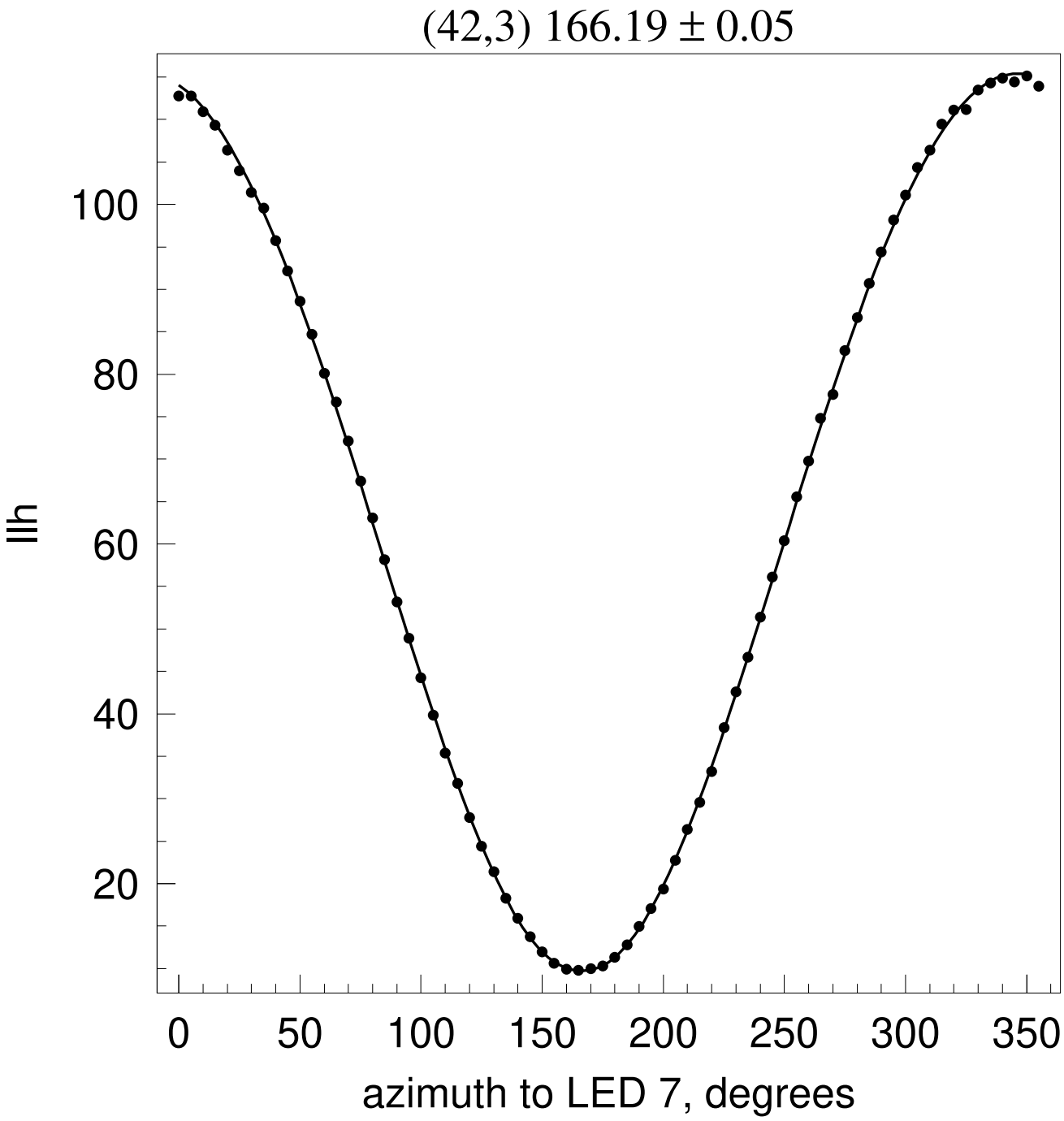

(41,58) 329.96 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

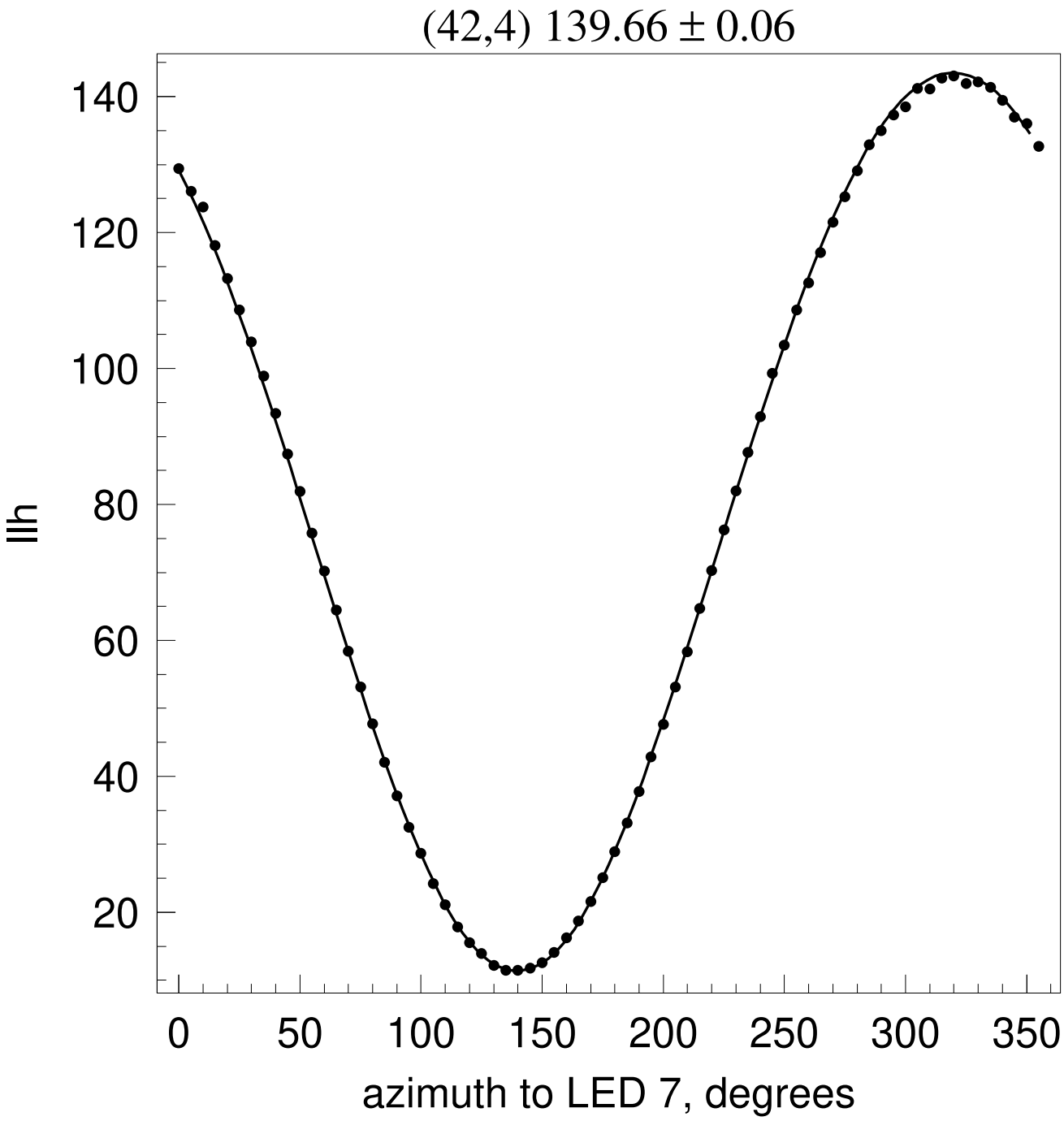

(41,59) 97.97 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

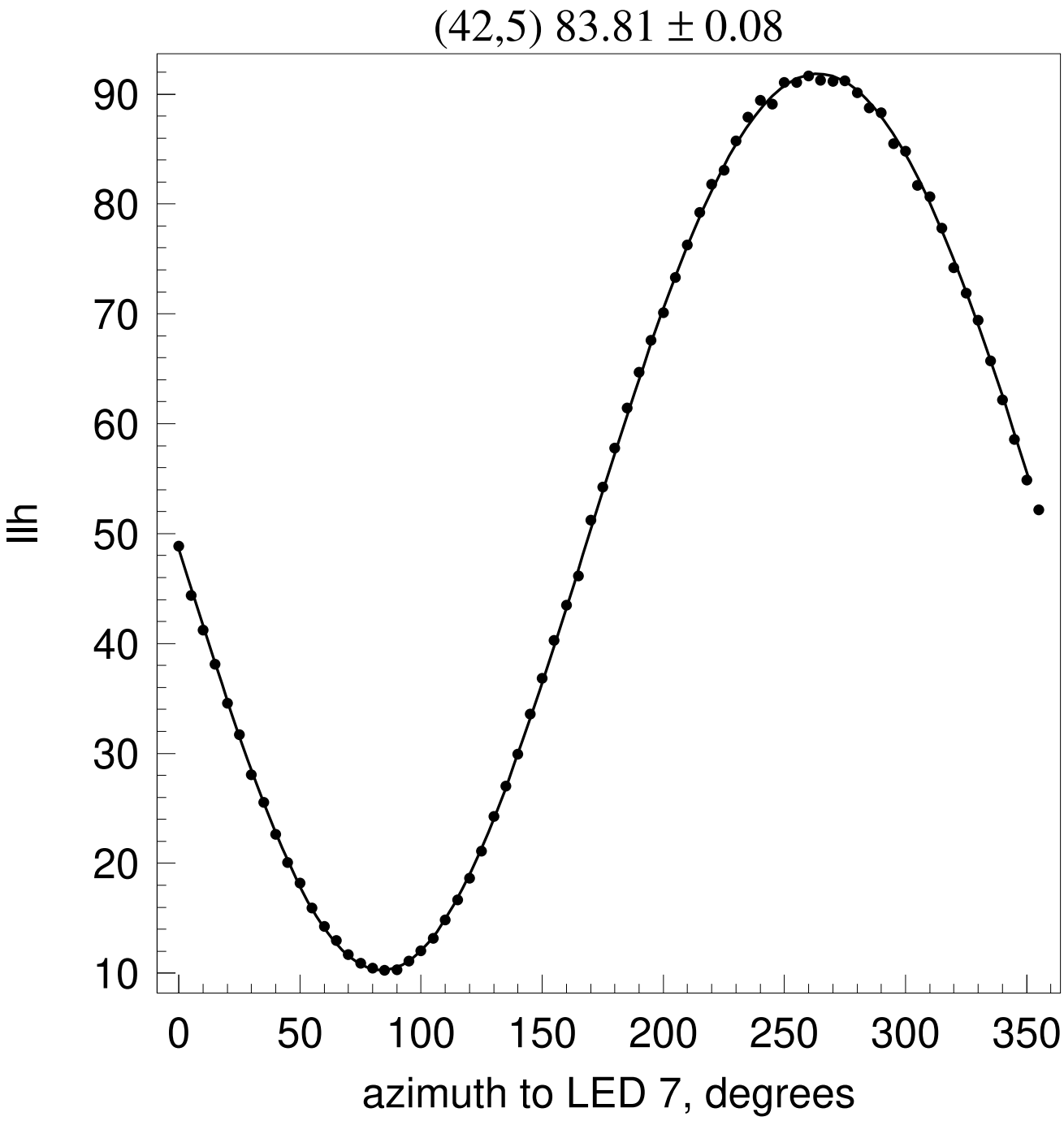

(41,60) 290.96 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

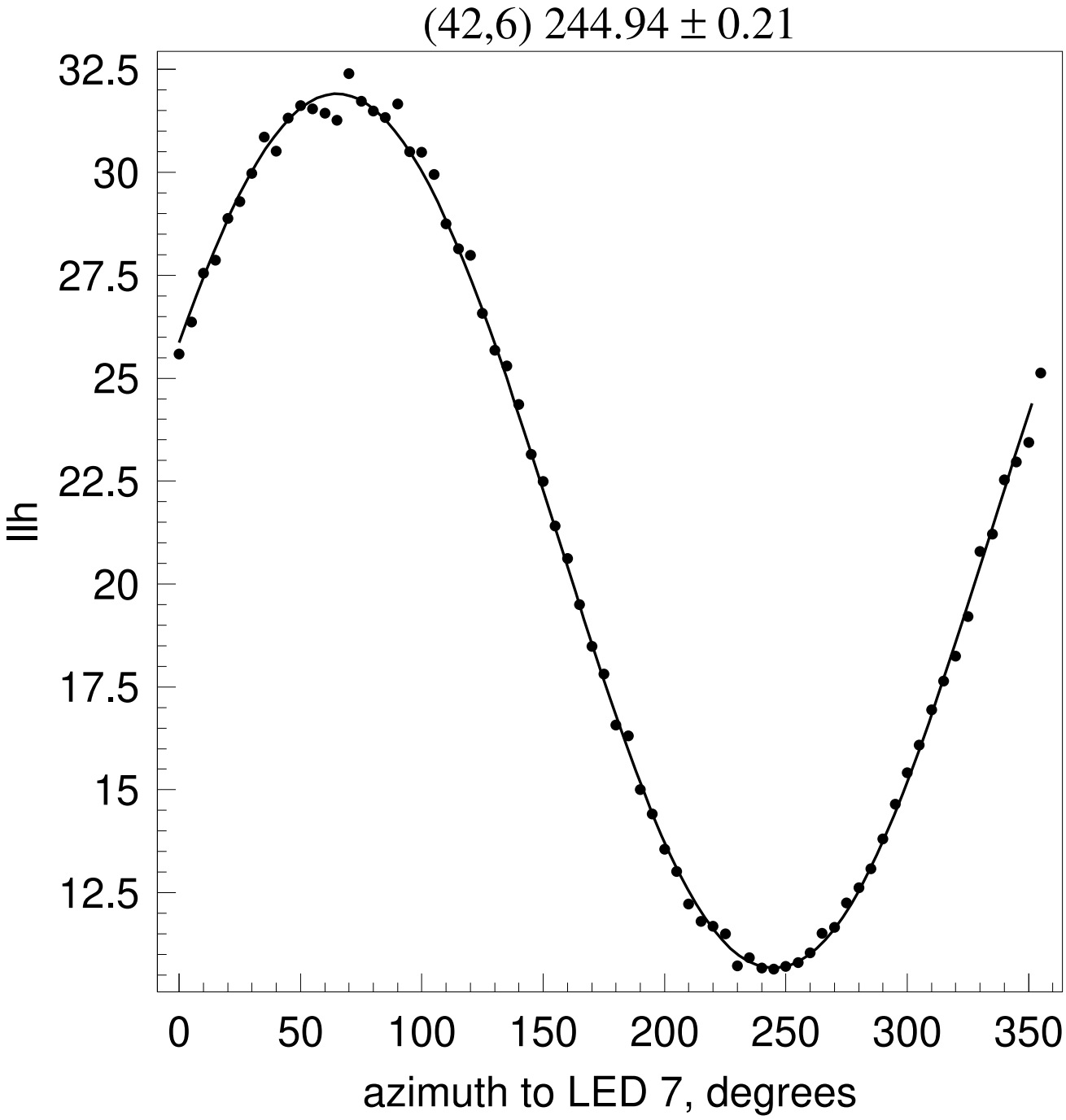

(42,1) 293.15 ± 0.24
32.5
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

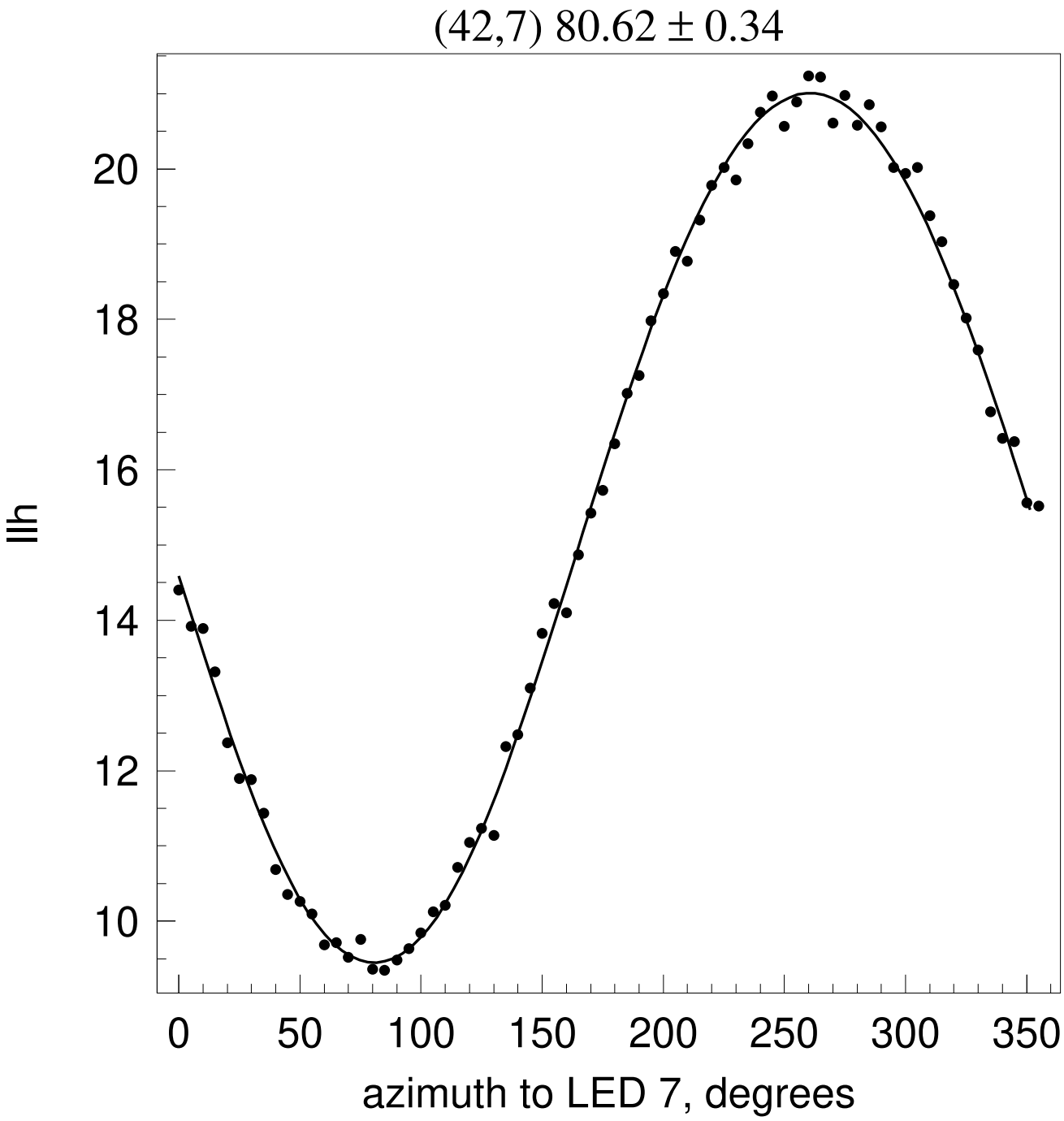

(42,2) 234.38 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

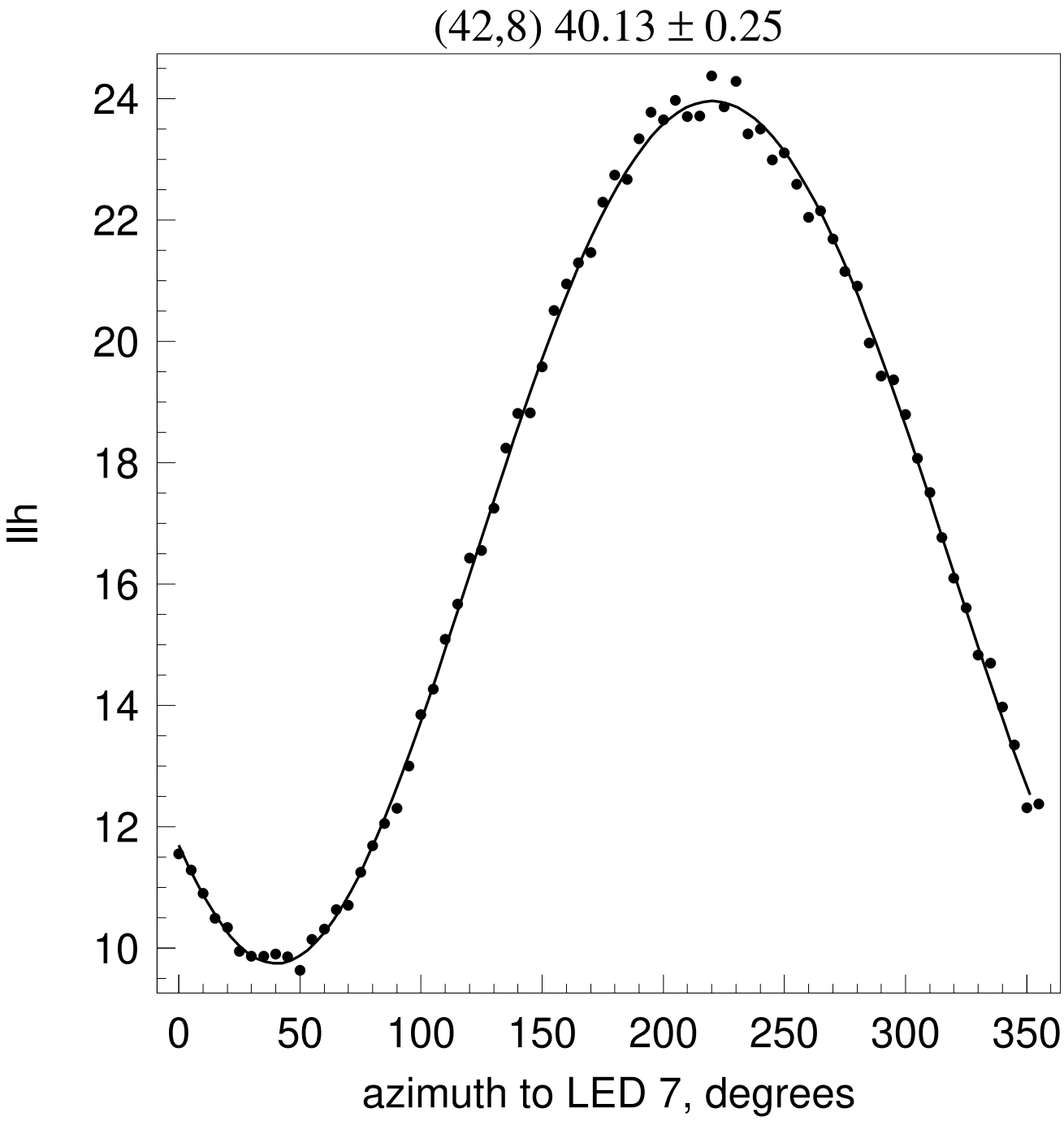

(42,3) 166.19 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

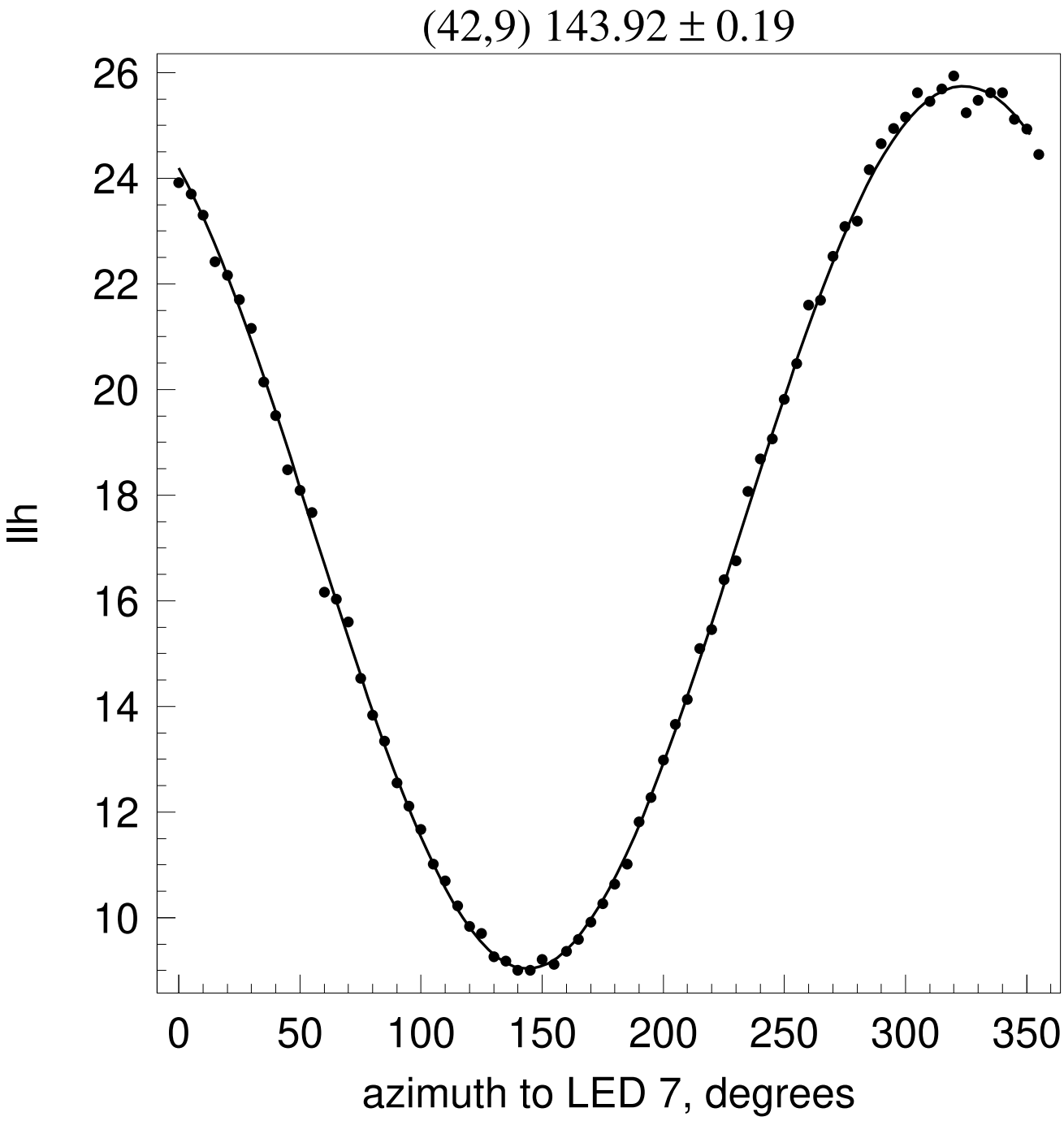

(42,4) 139.66 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

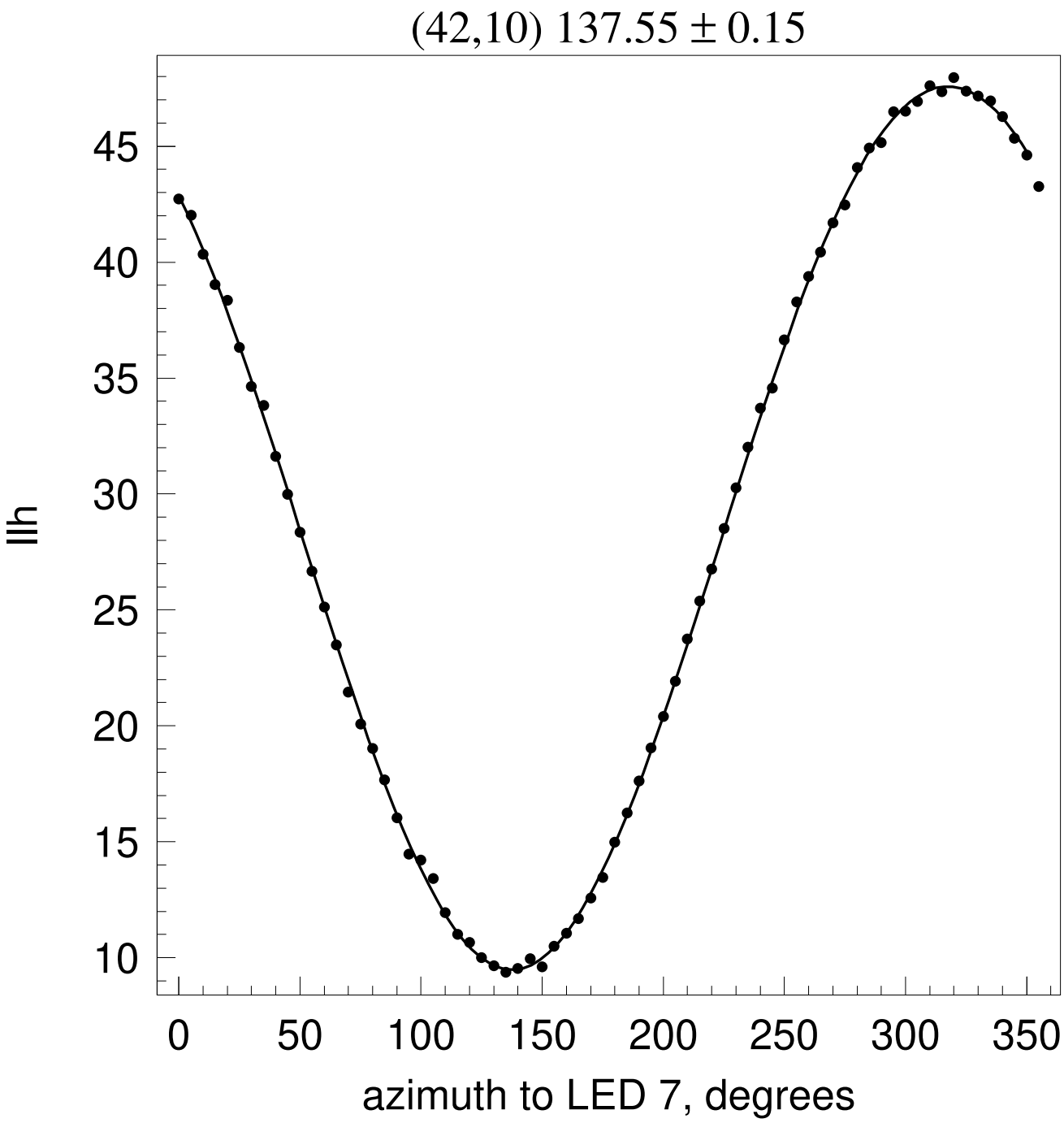

(42,5) 83.81 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

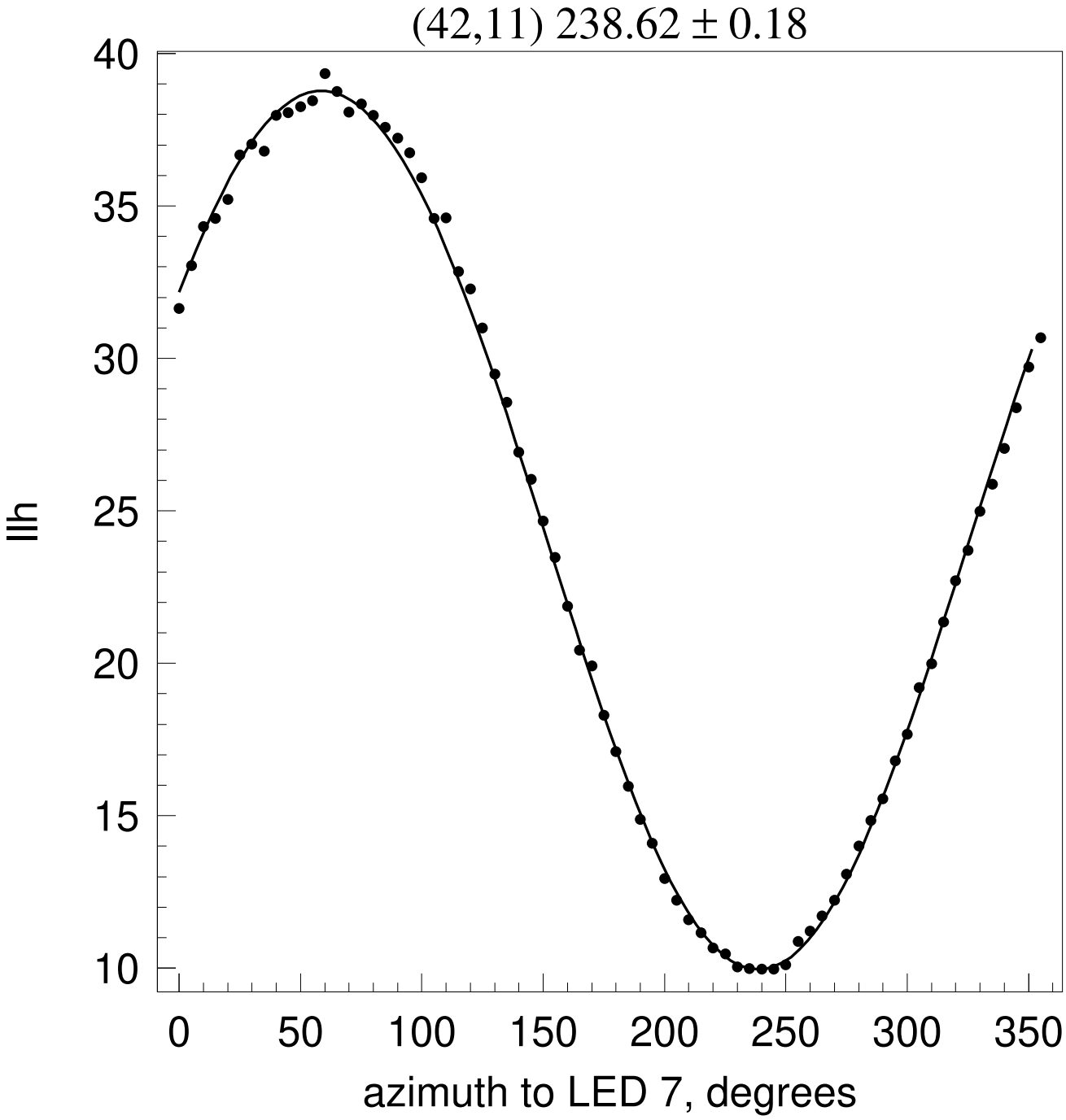

(42,6) 244.94 ± 0.21
32.5
30
27.5
25
22.5
20
17.5
15
12.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

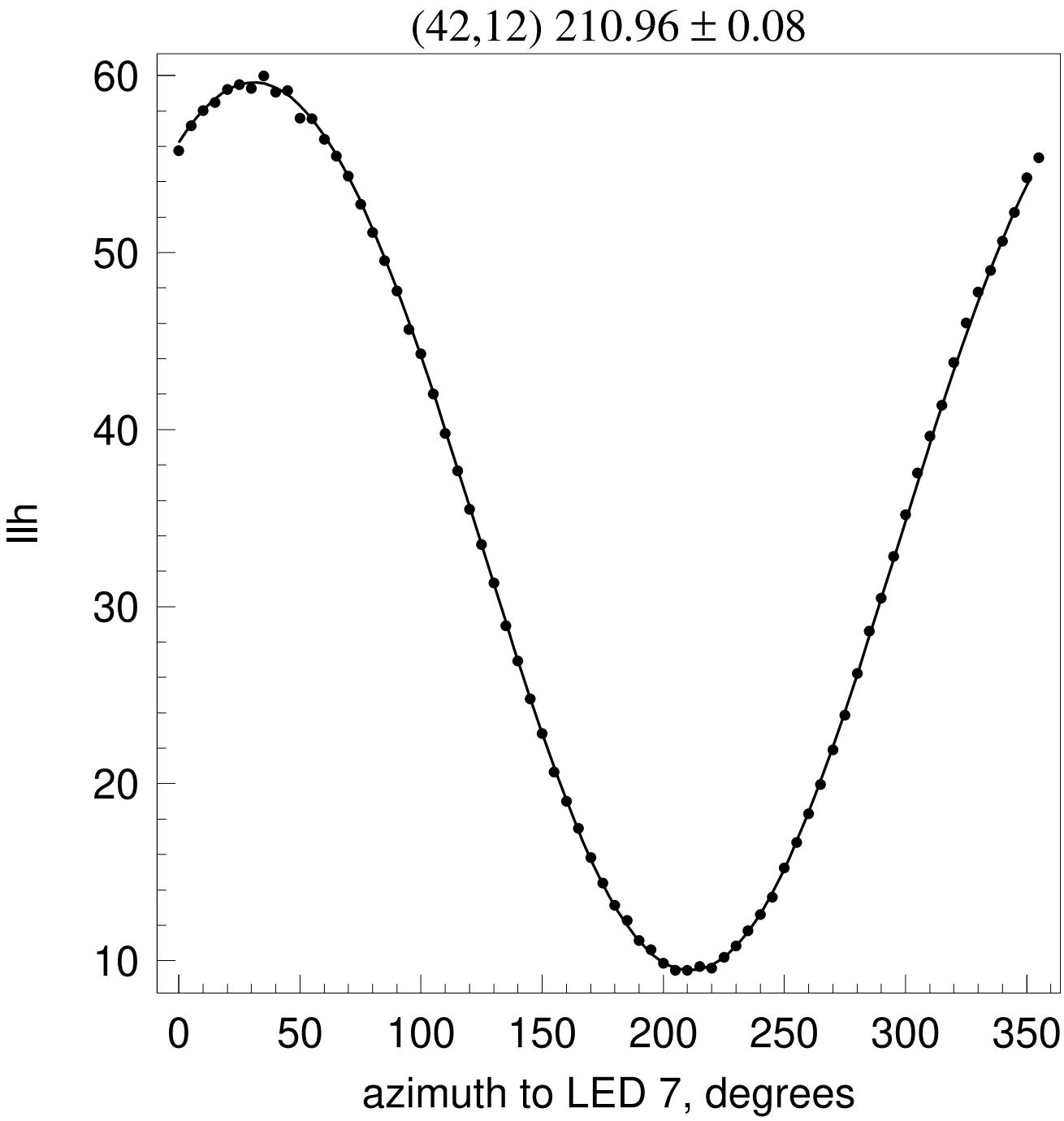

(42,7) 80.62 ± 0.34
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

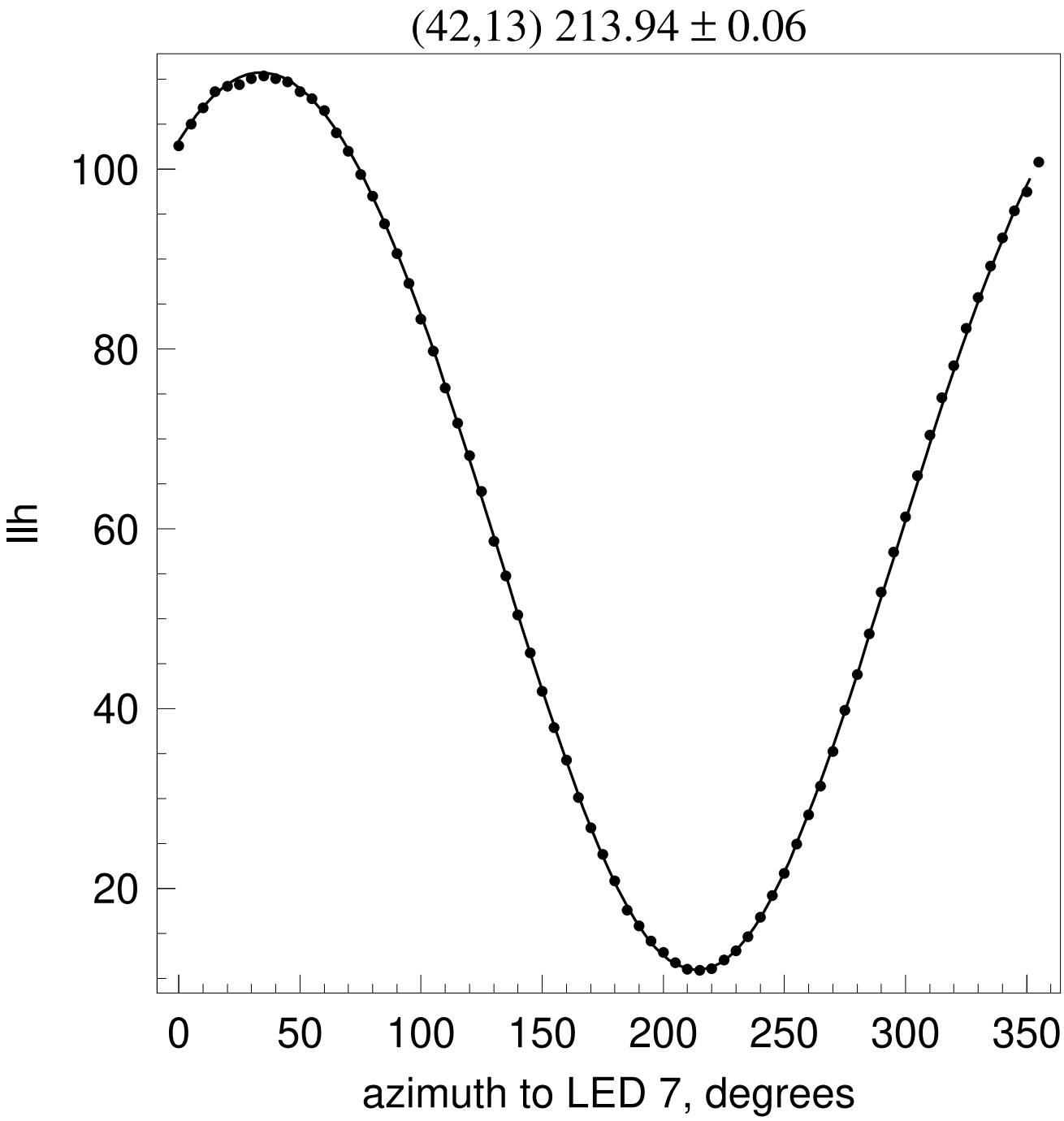

(42,8) 40.13 ± 0.25
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

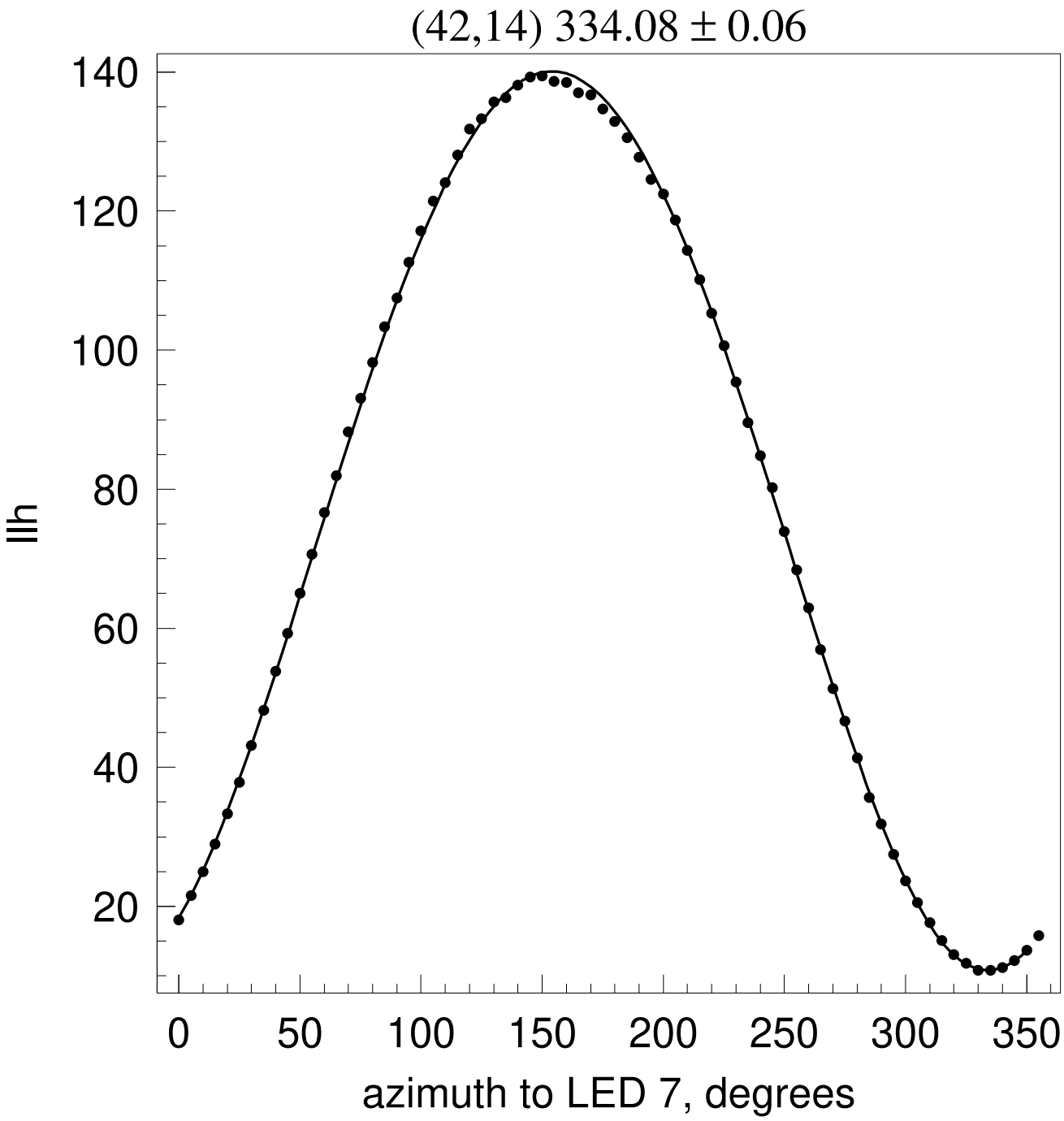

(42,9) 143.92 ± 0.19
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

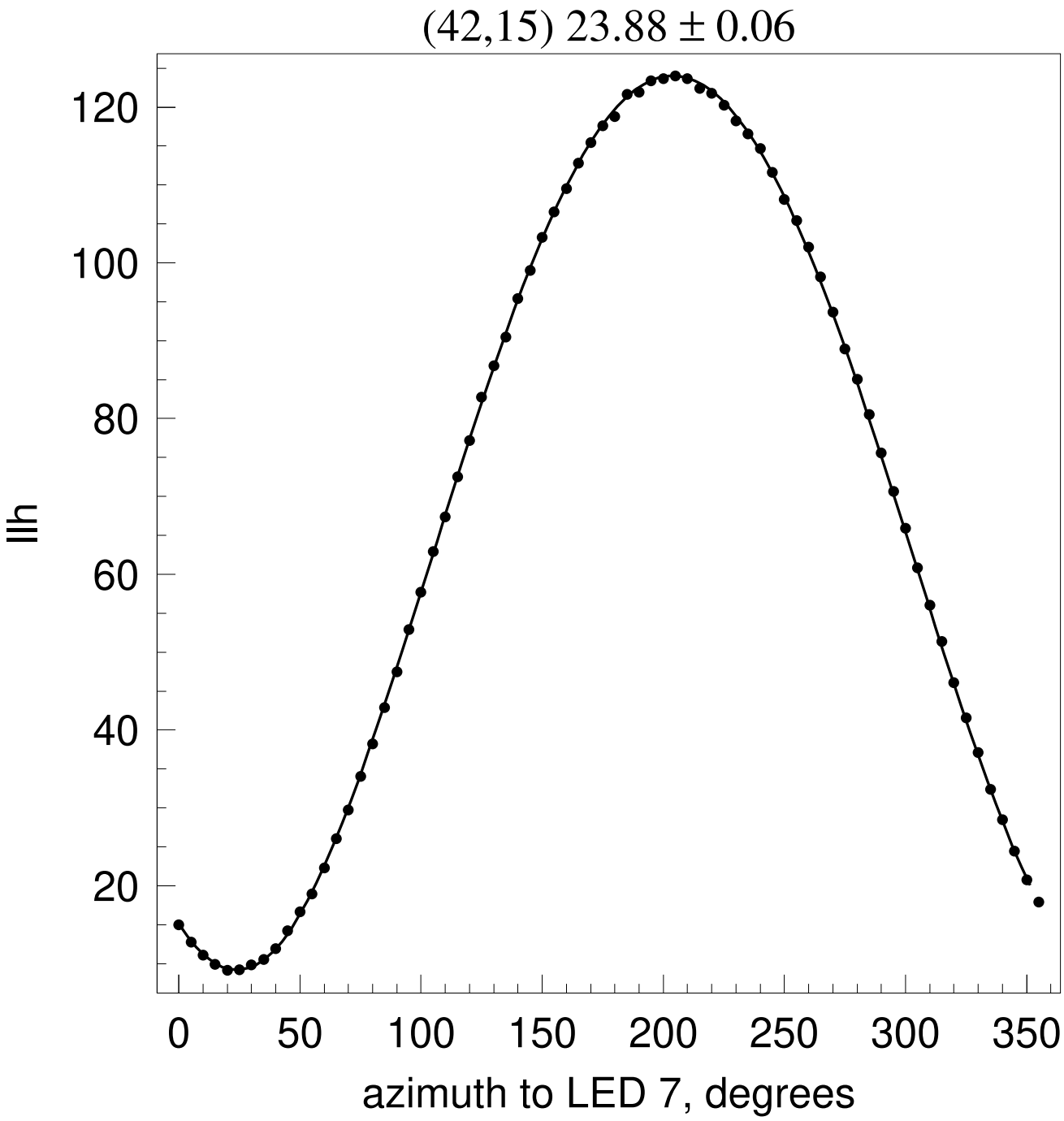

(42,10) 137.55 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

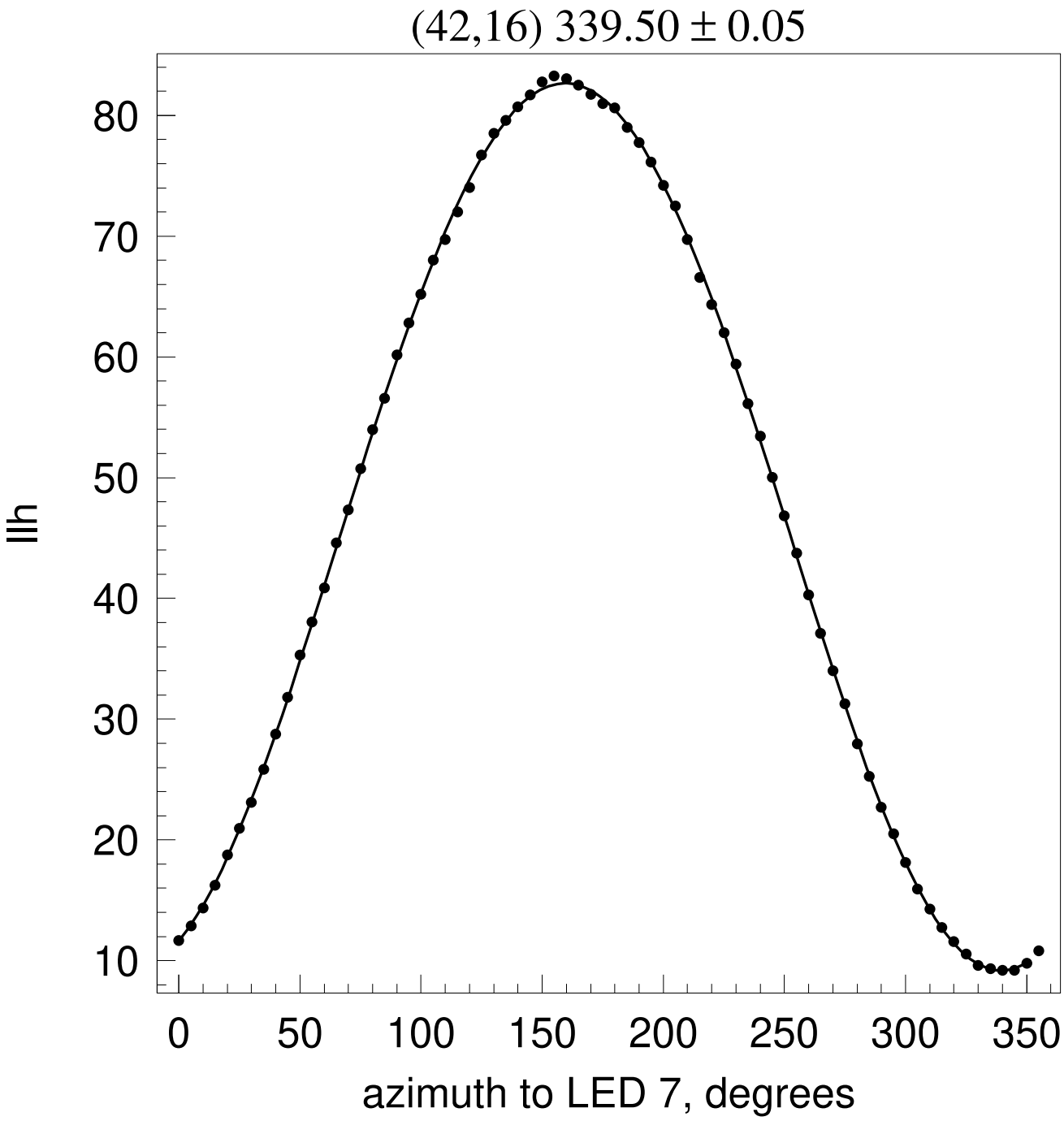

(42,11) 238.62 ± 0.18
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

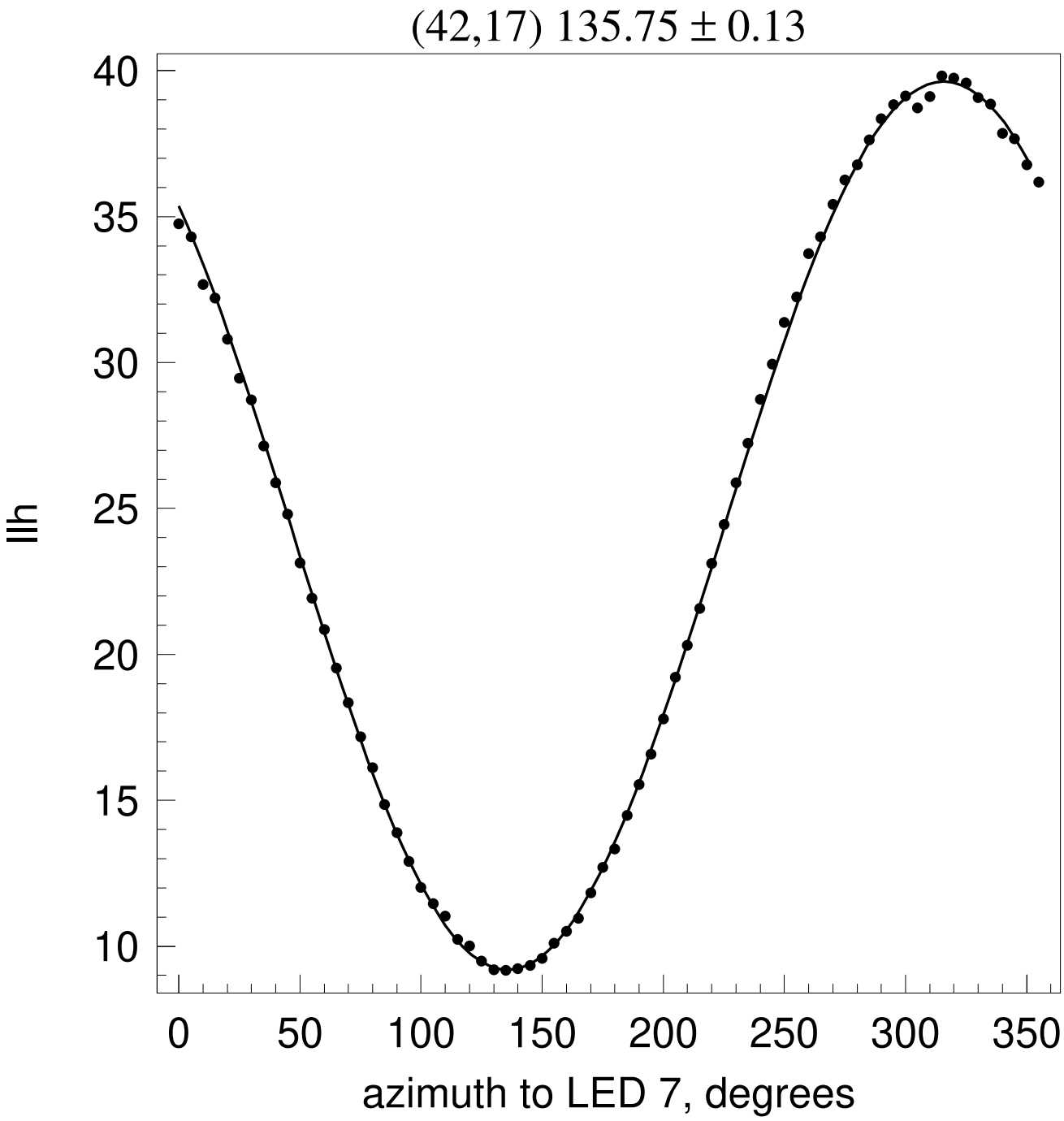

(42,12) 210.96 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

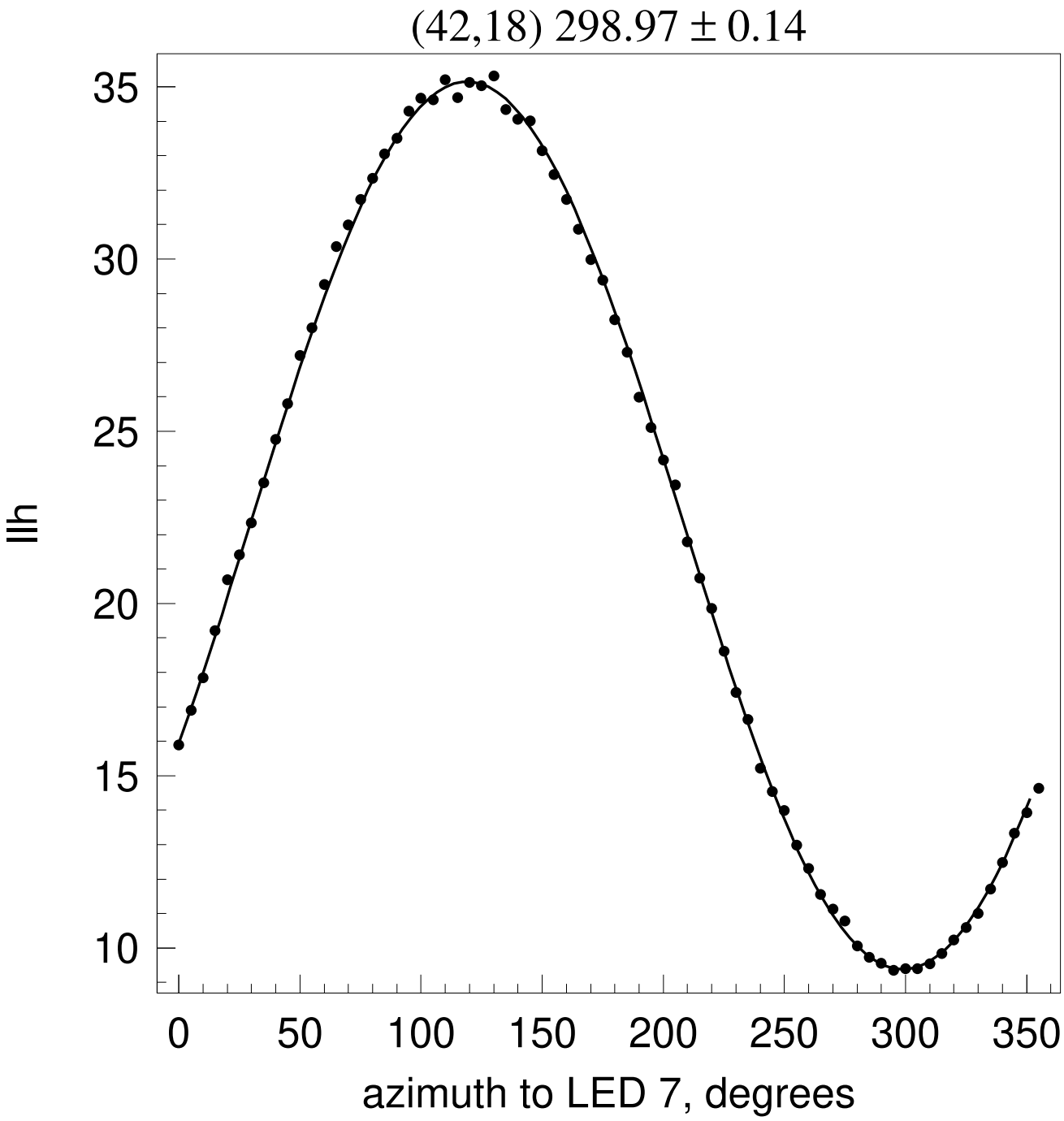

(42,13) 213.94 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

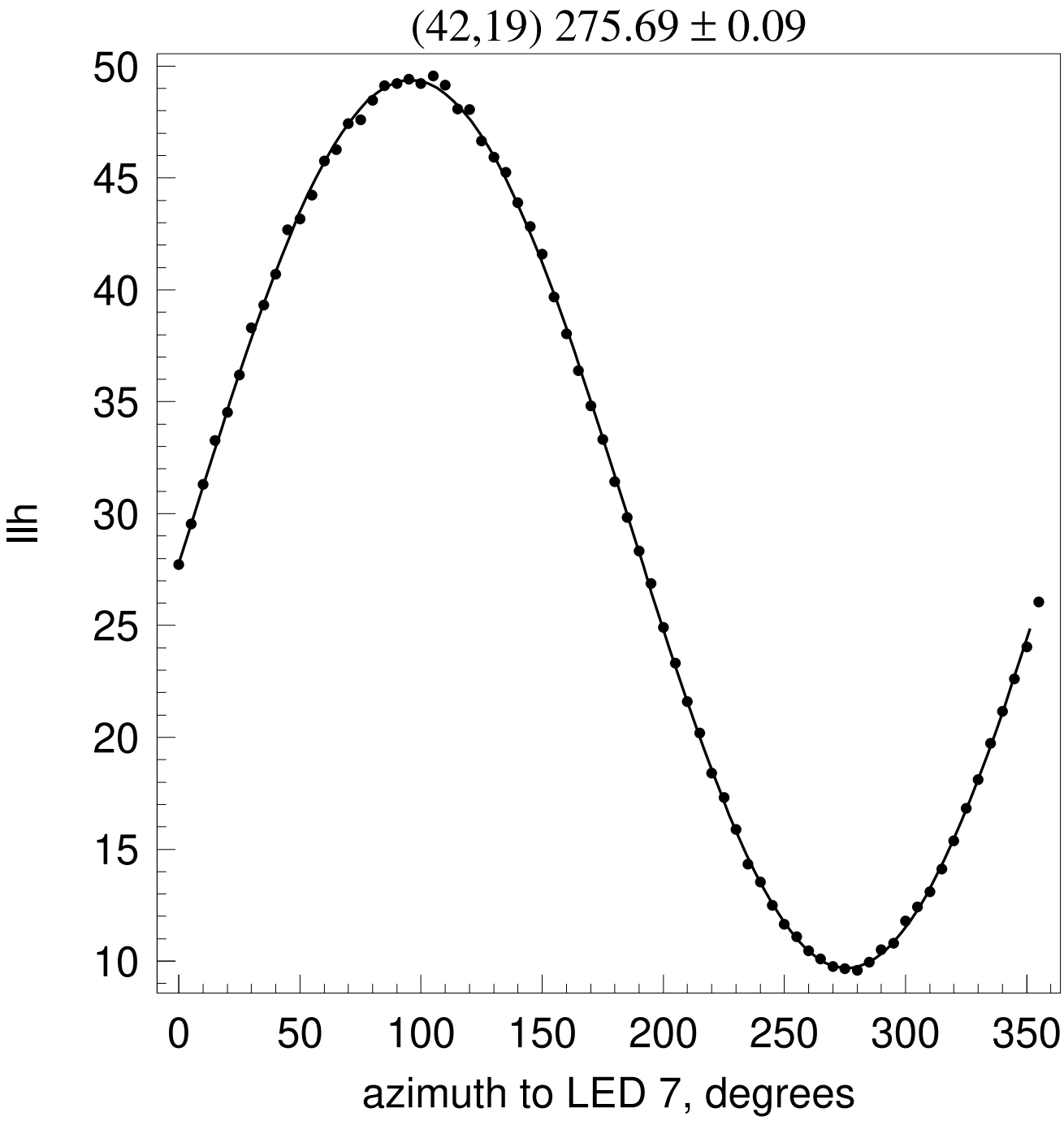

(42,14) 334.08 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

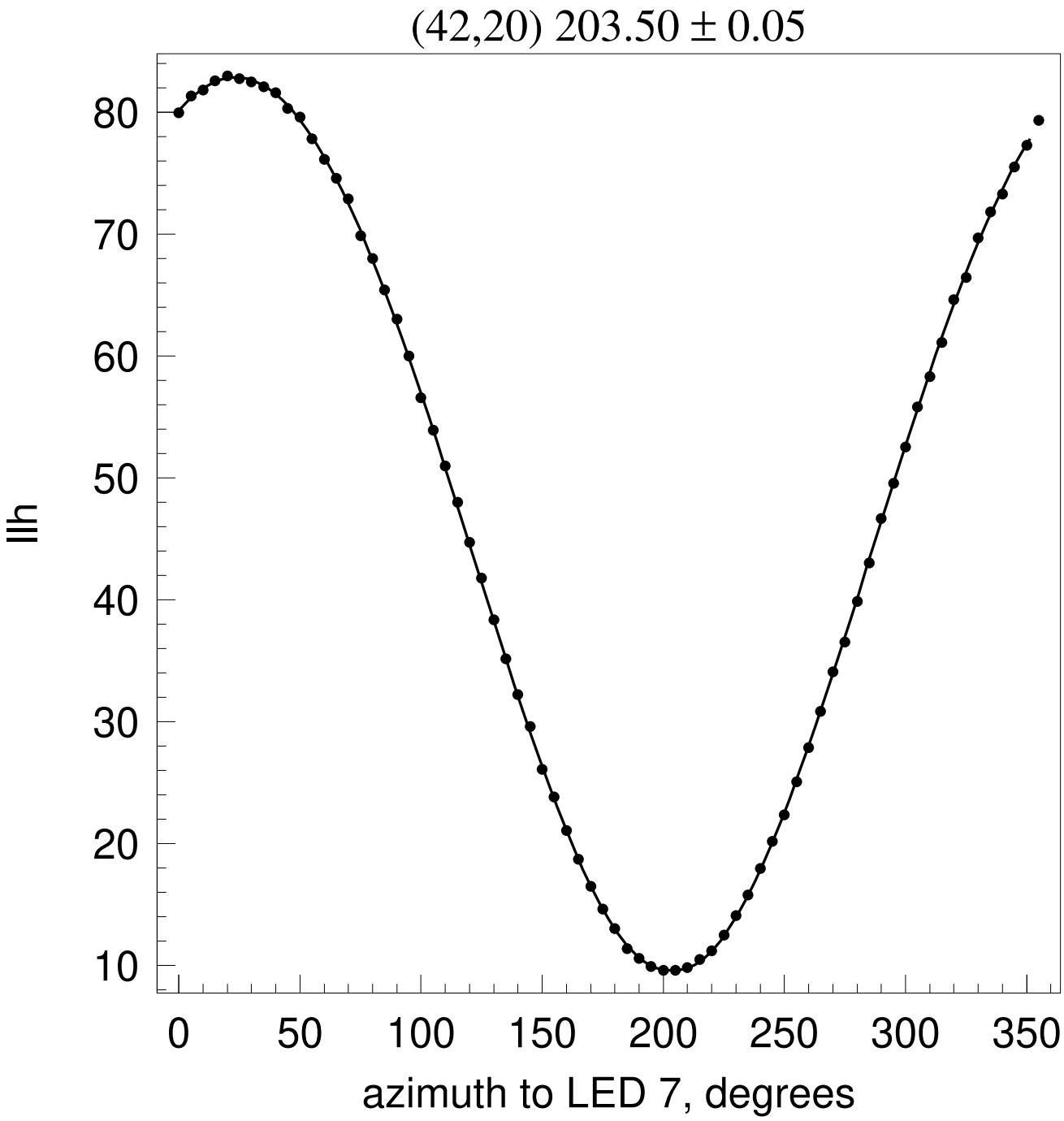

(42,15) 23.88 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

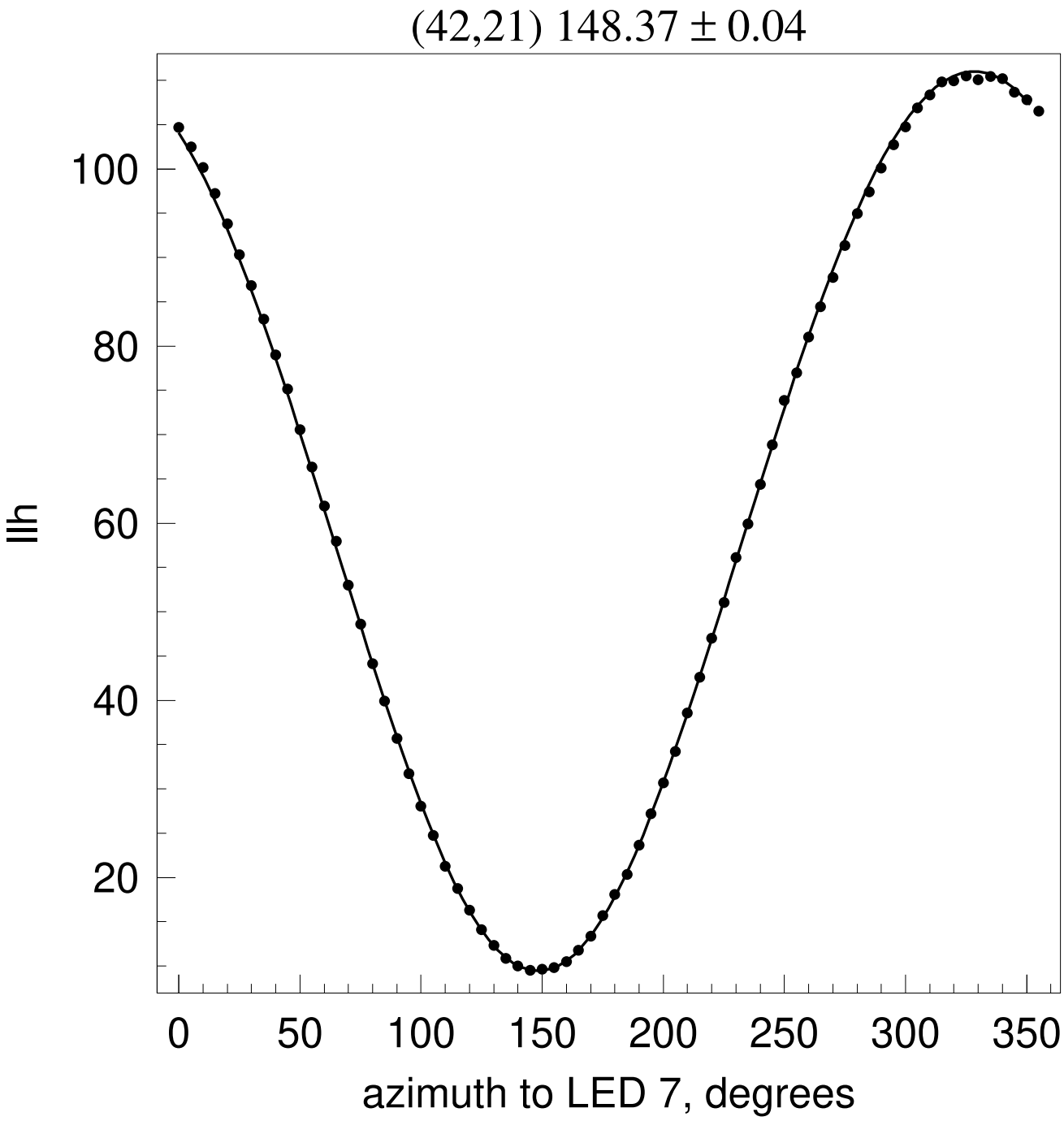

(42,16) 339.50 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

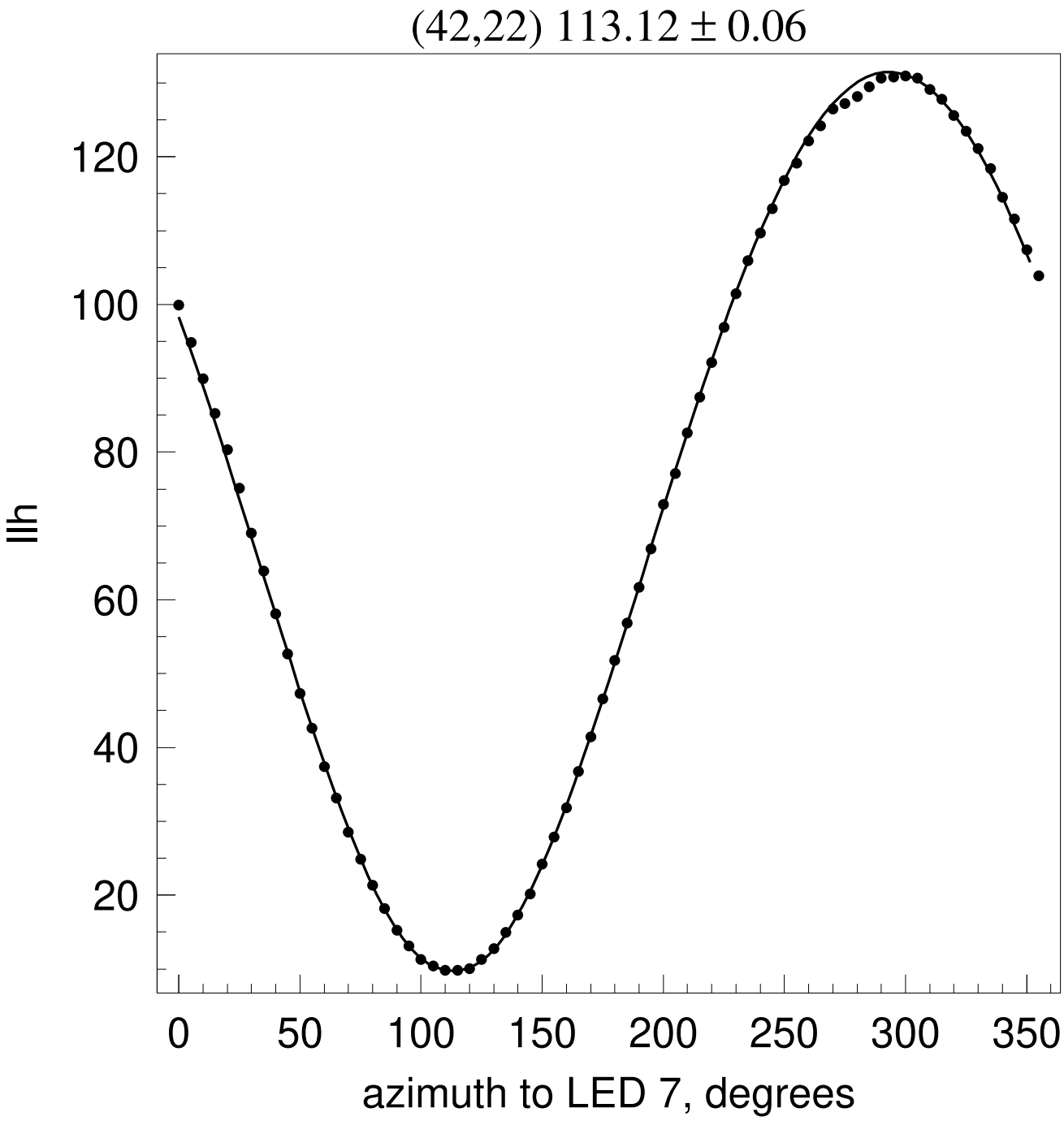

(42,17) 135.75 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

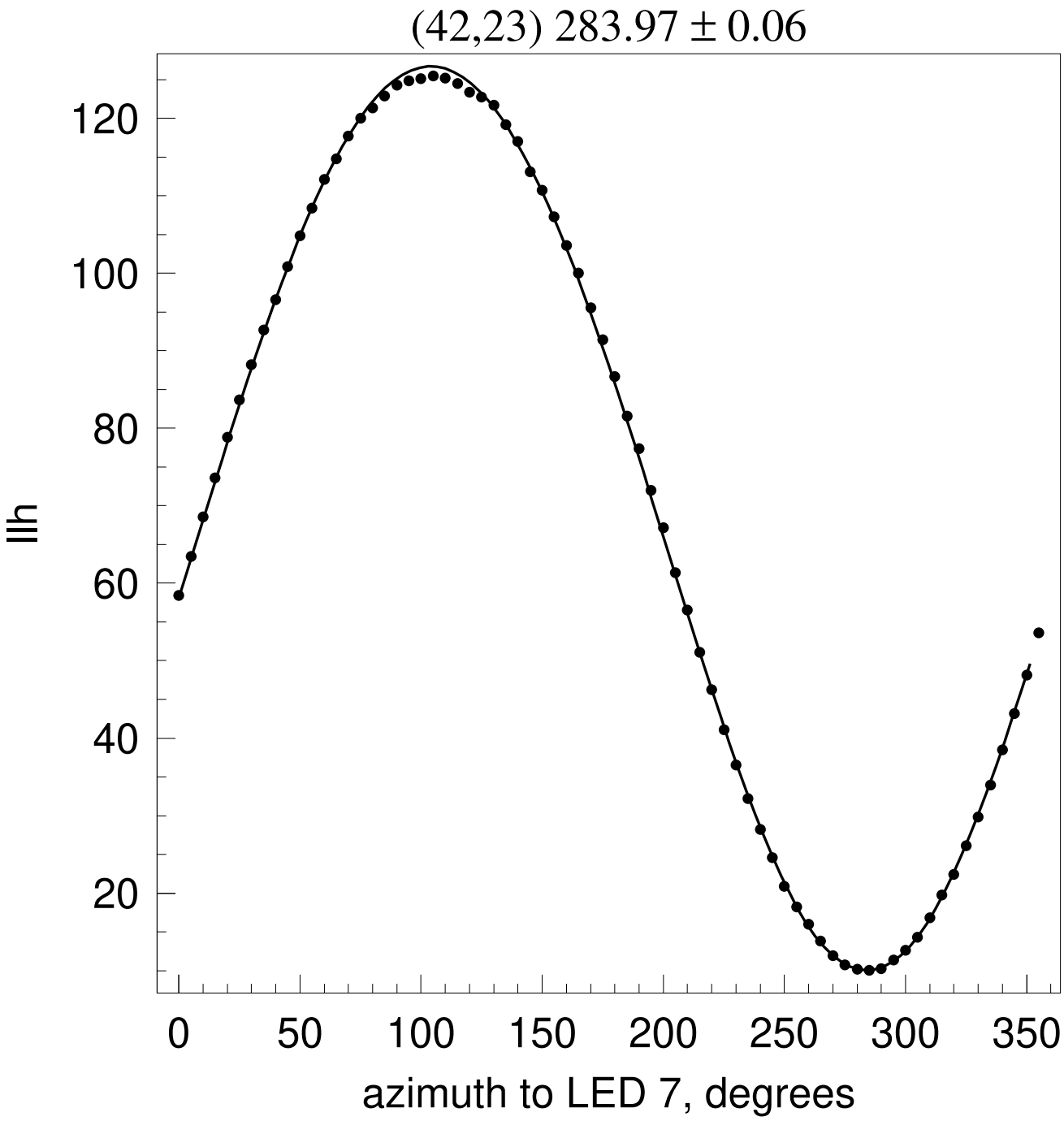

(42,18) 298.97 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

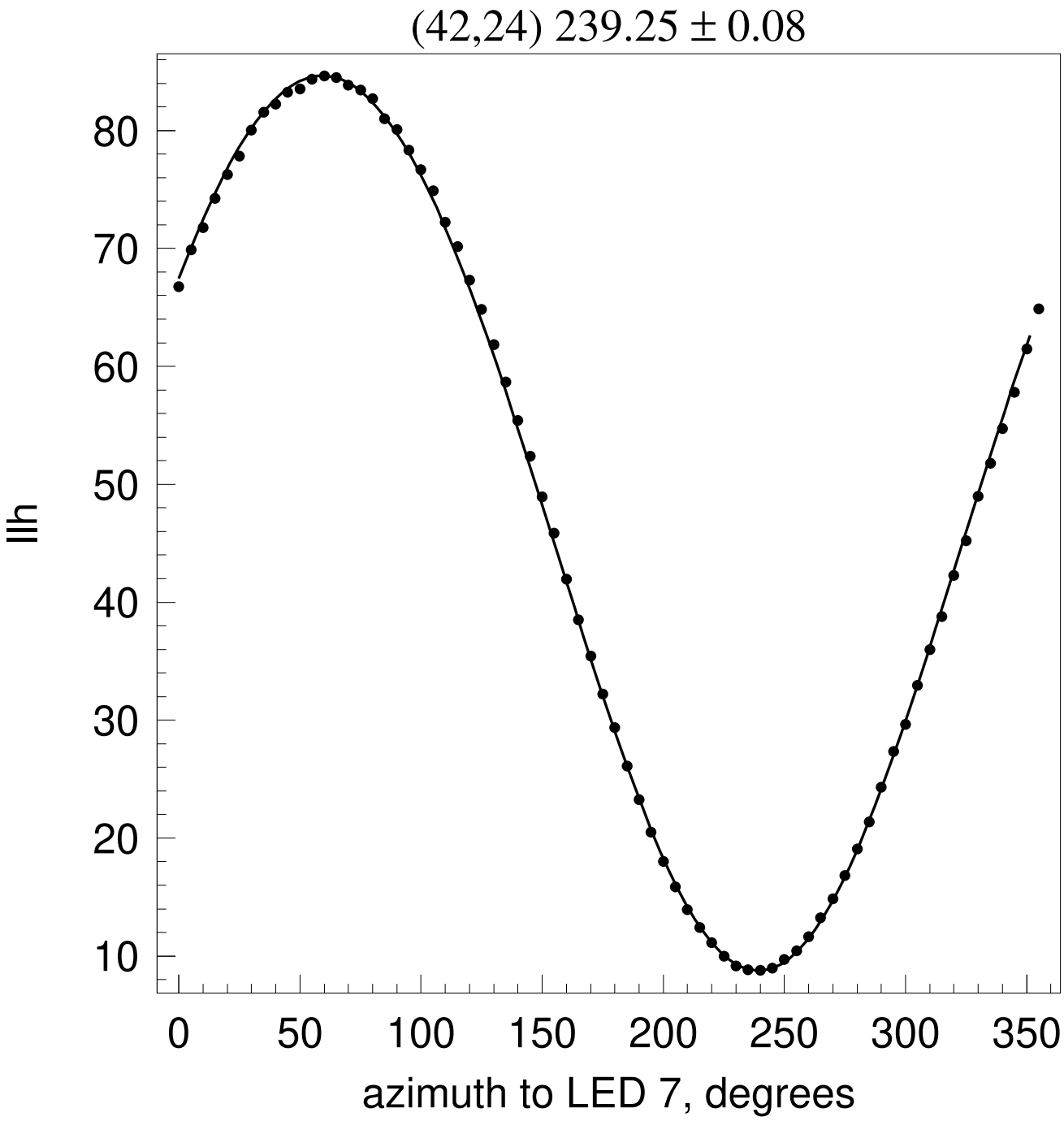

(42,19) 275.69 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

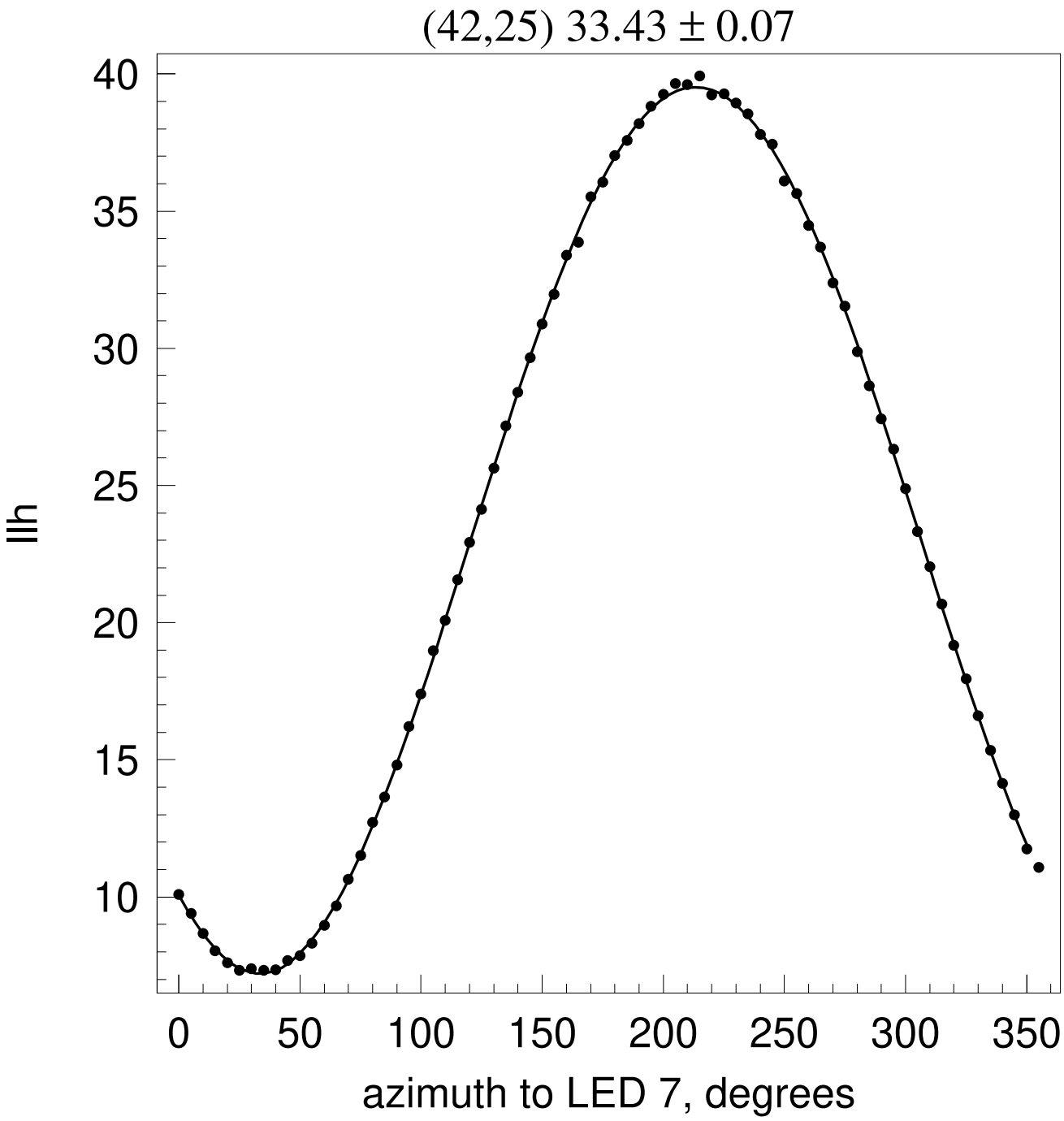

(42,20) 203.50 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

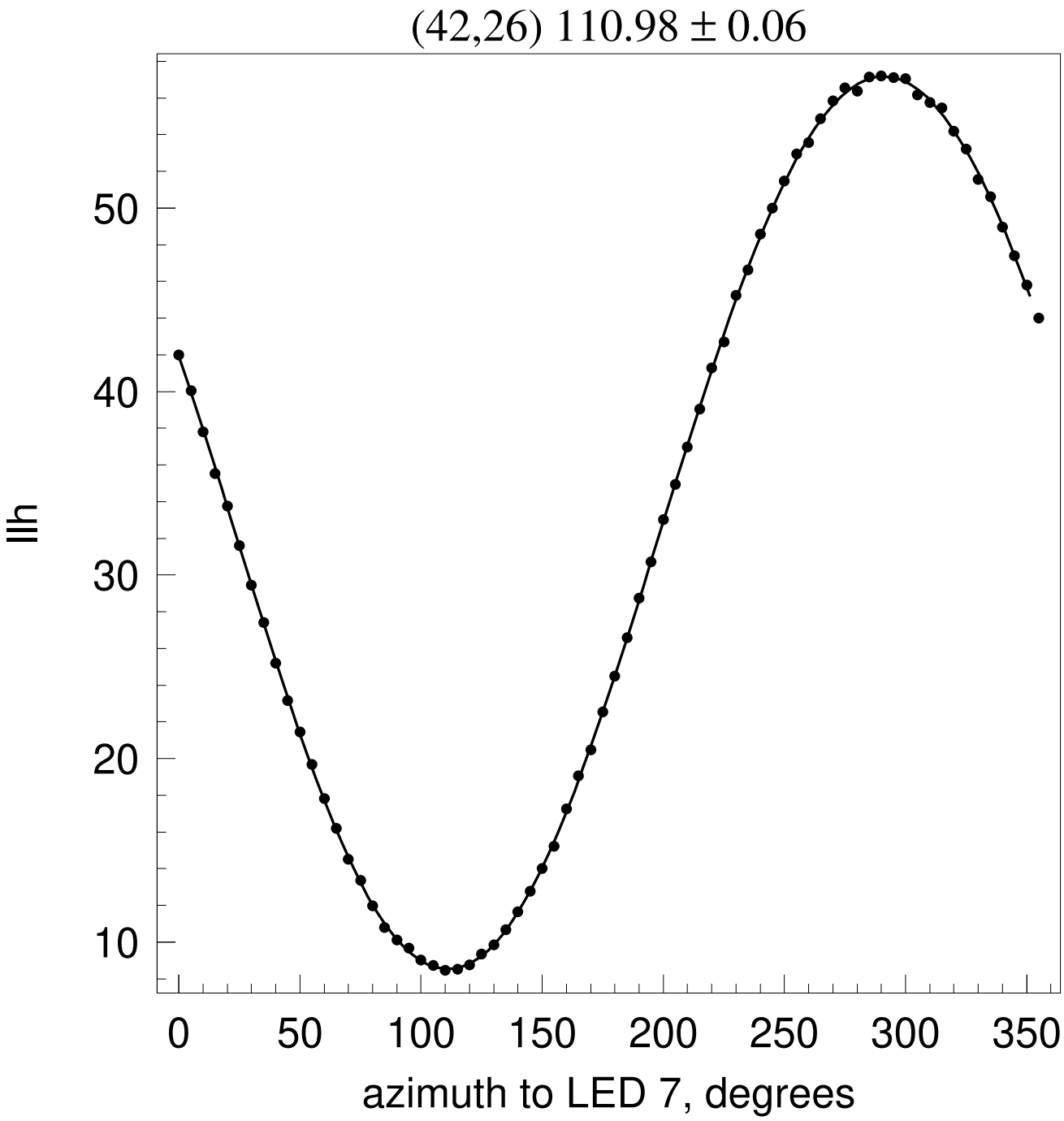

(42,21) 148.37 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

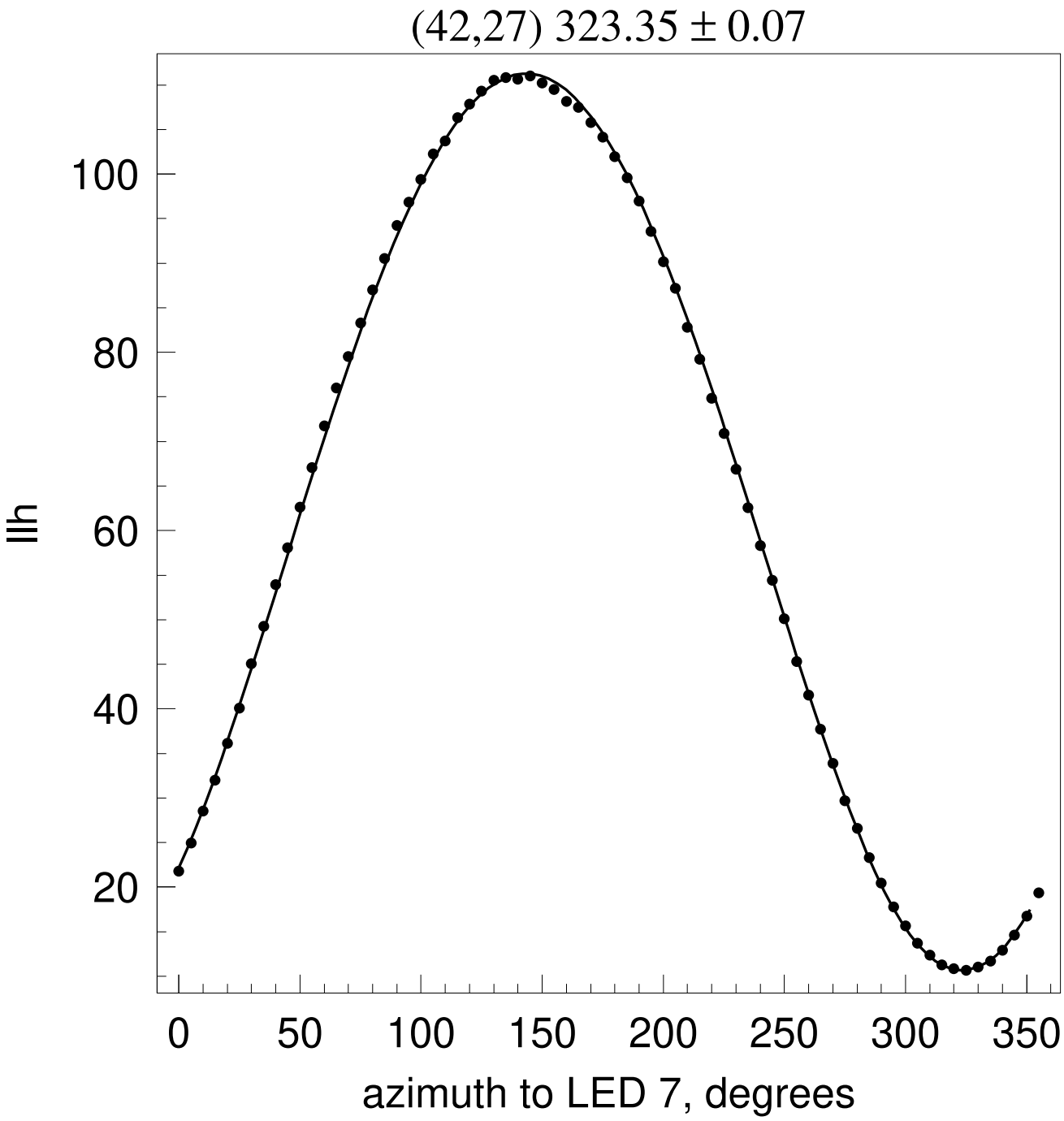

(42,22) 113.12 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

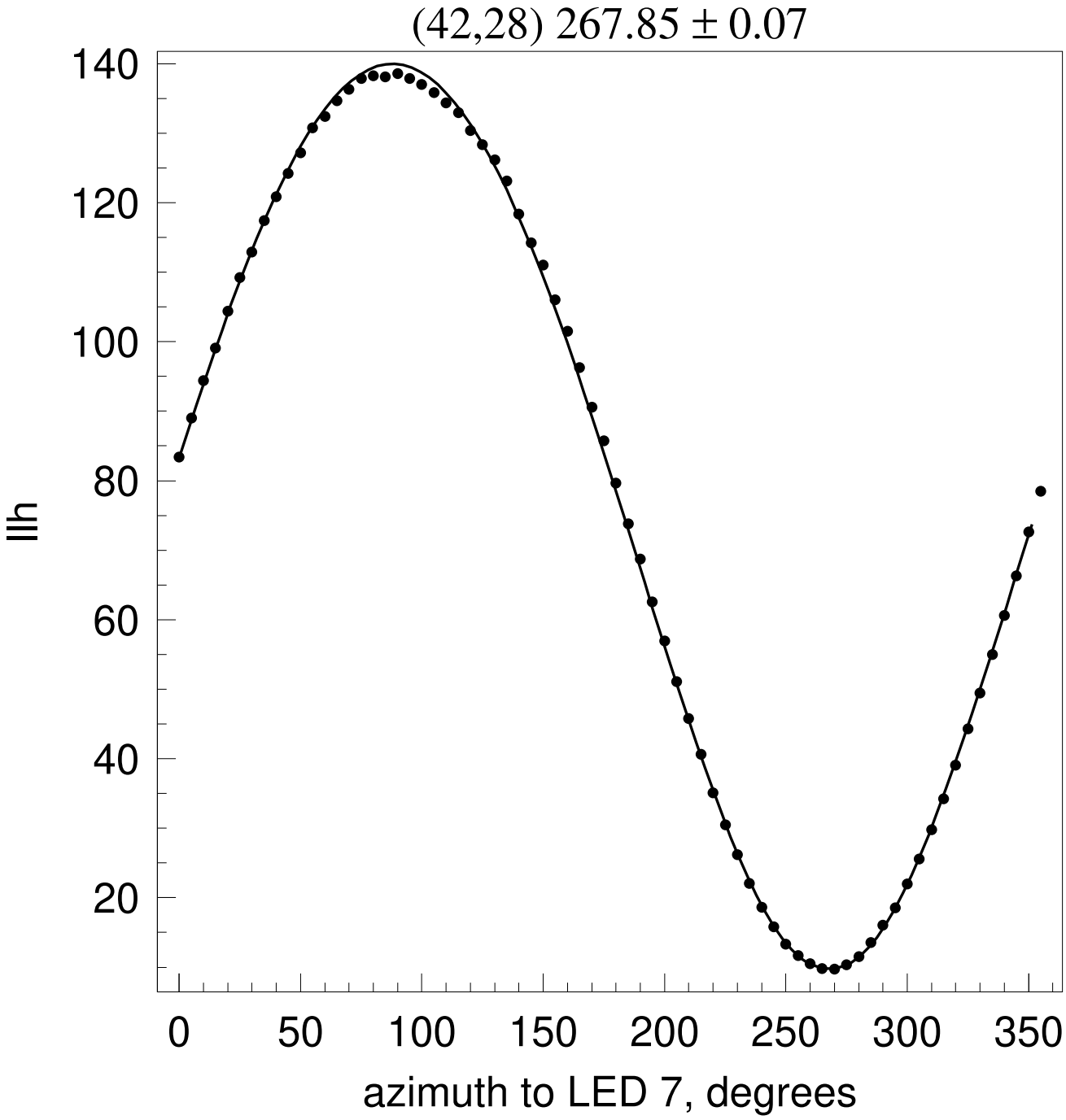

(42,23) 283.97 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

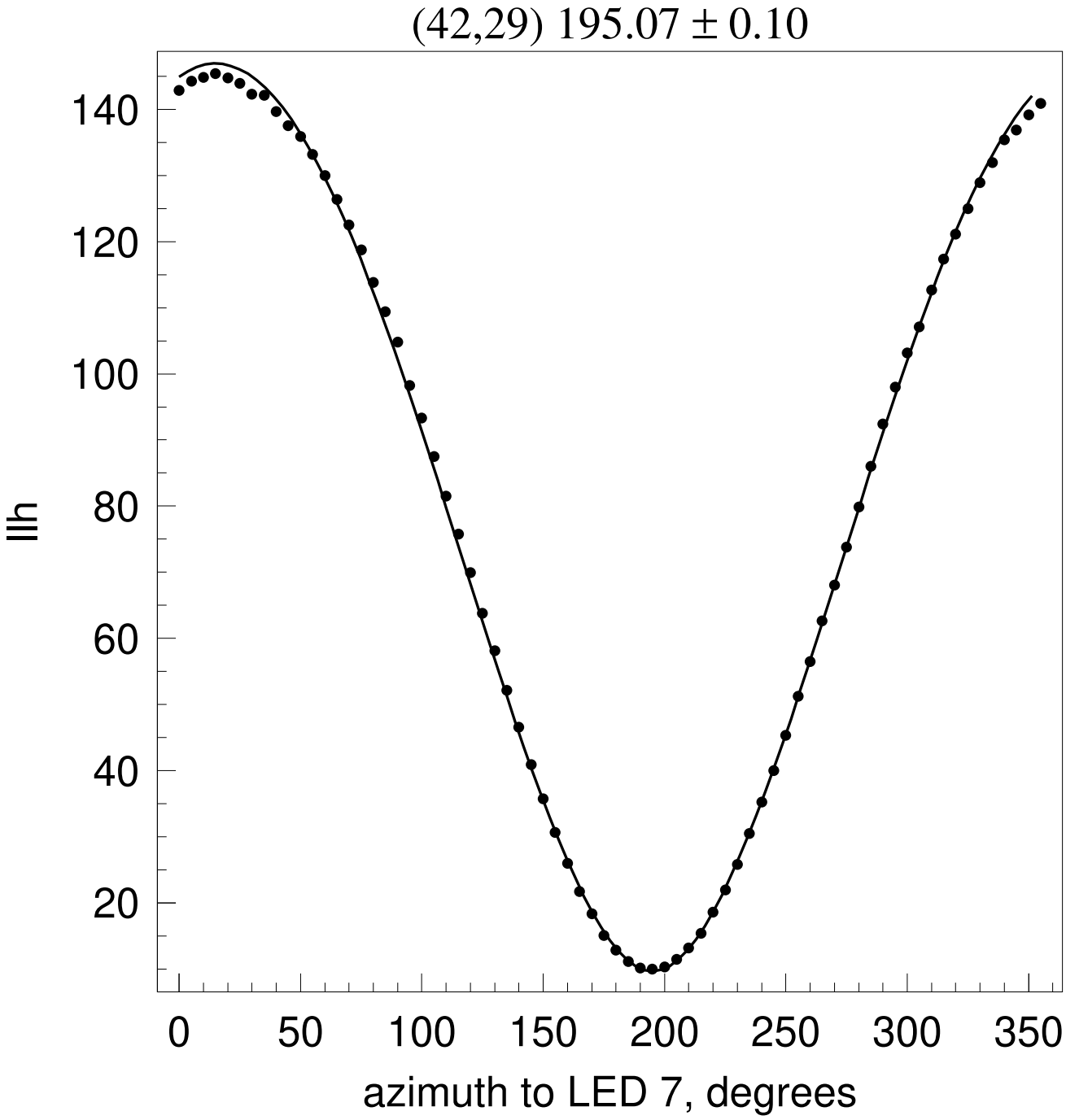

(42,24) 239.25 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

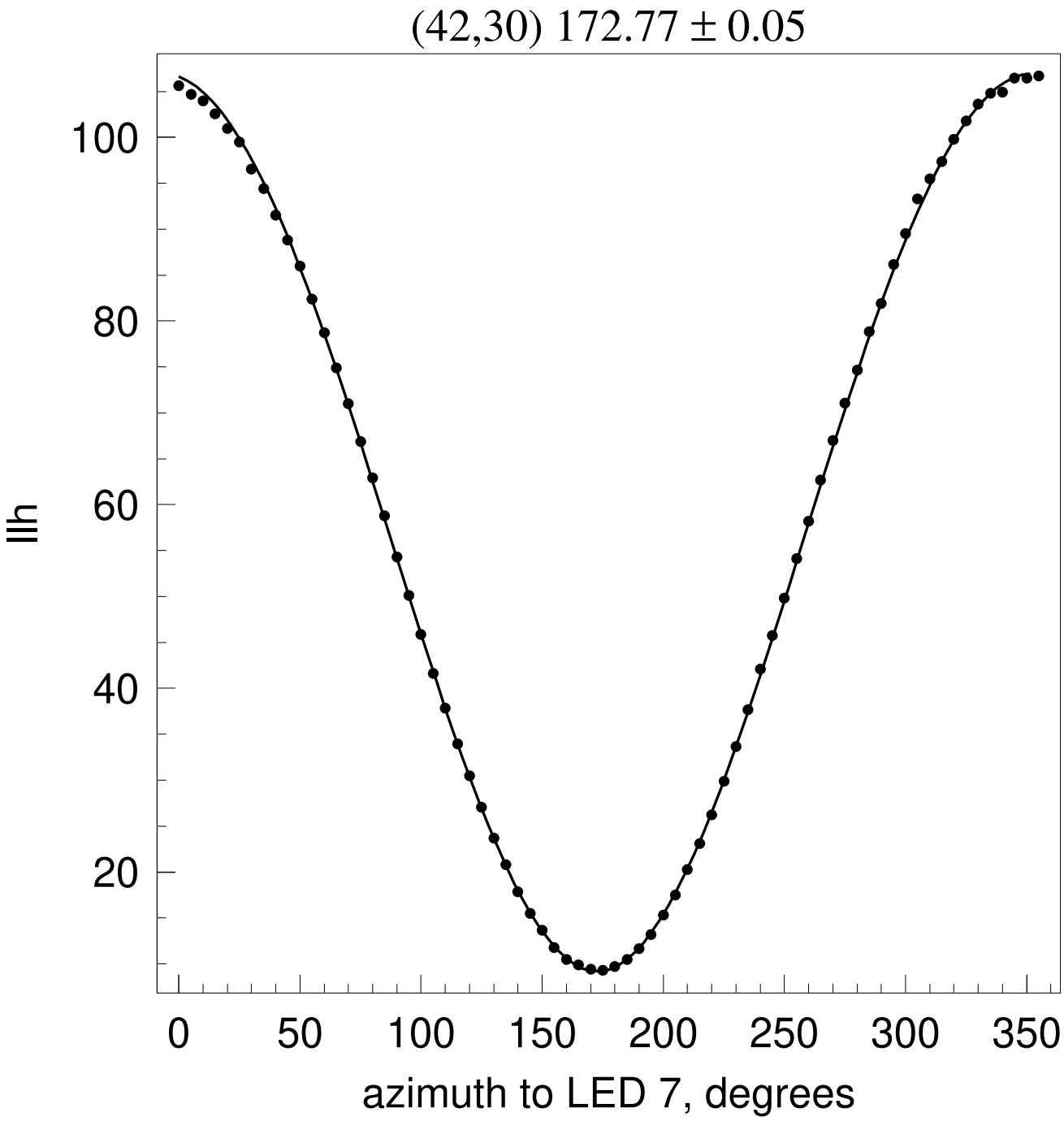

(42,25) 33.43 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

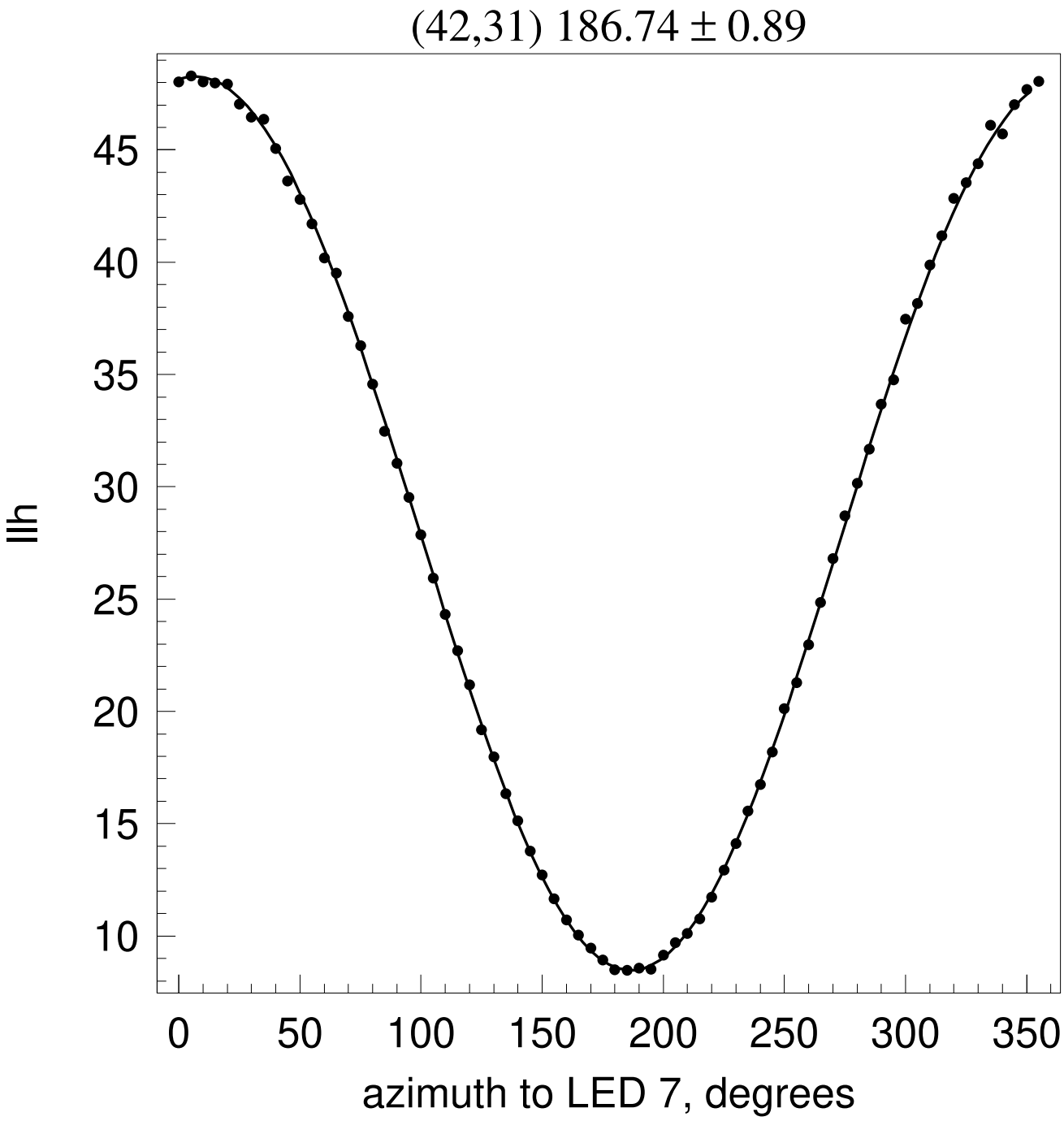

(42,26) 110.98 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

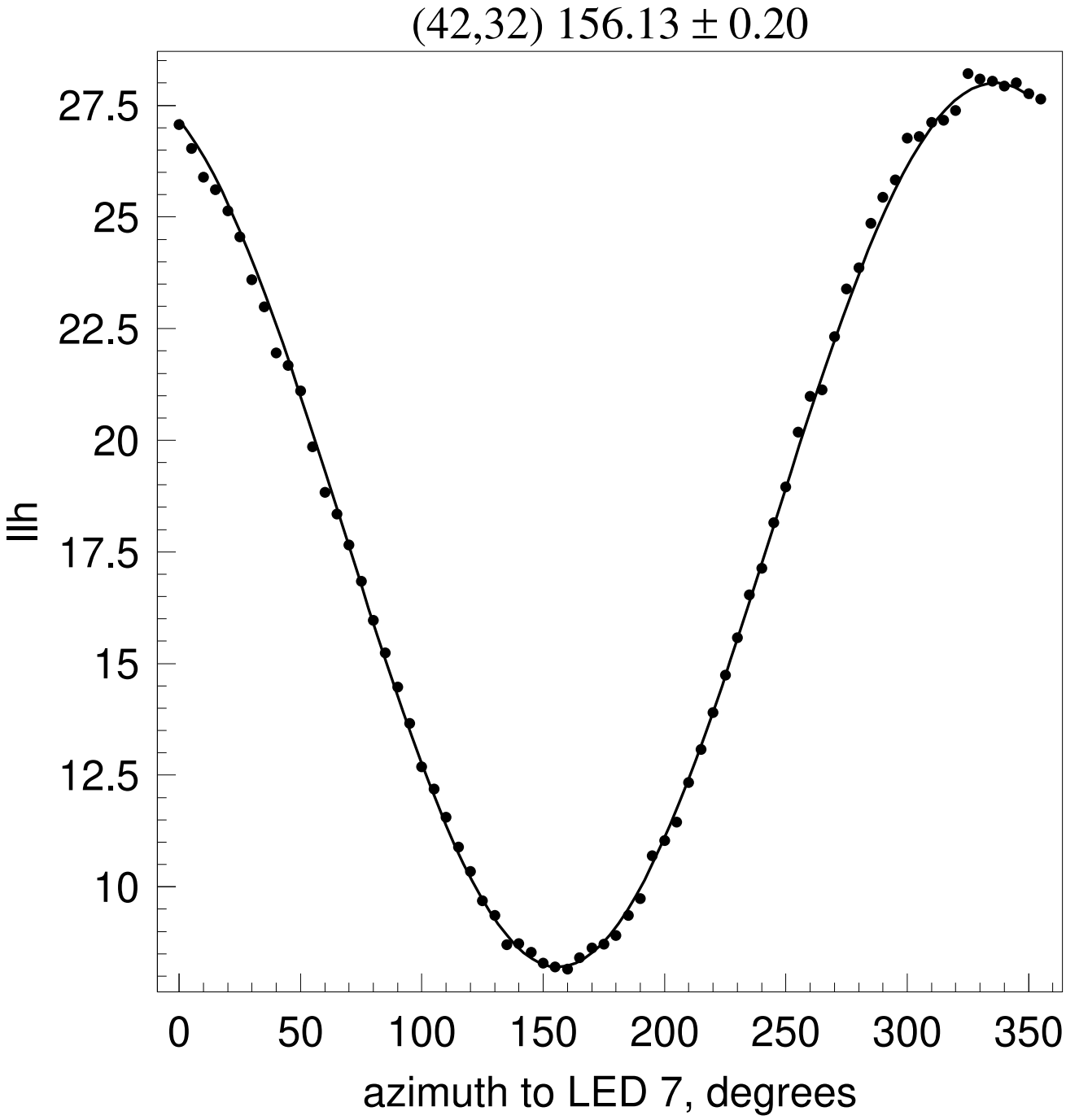

(42,27) 323.35 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

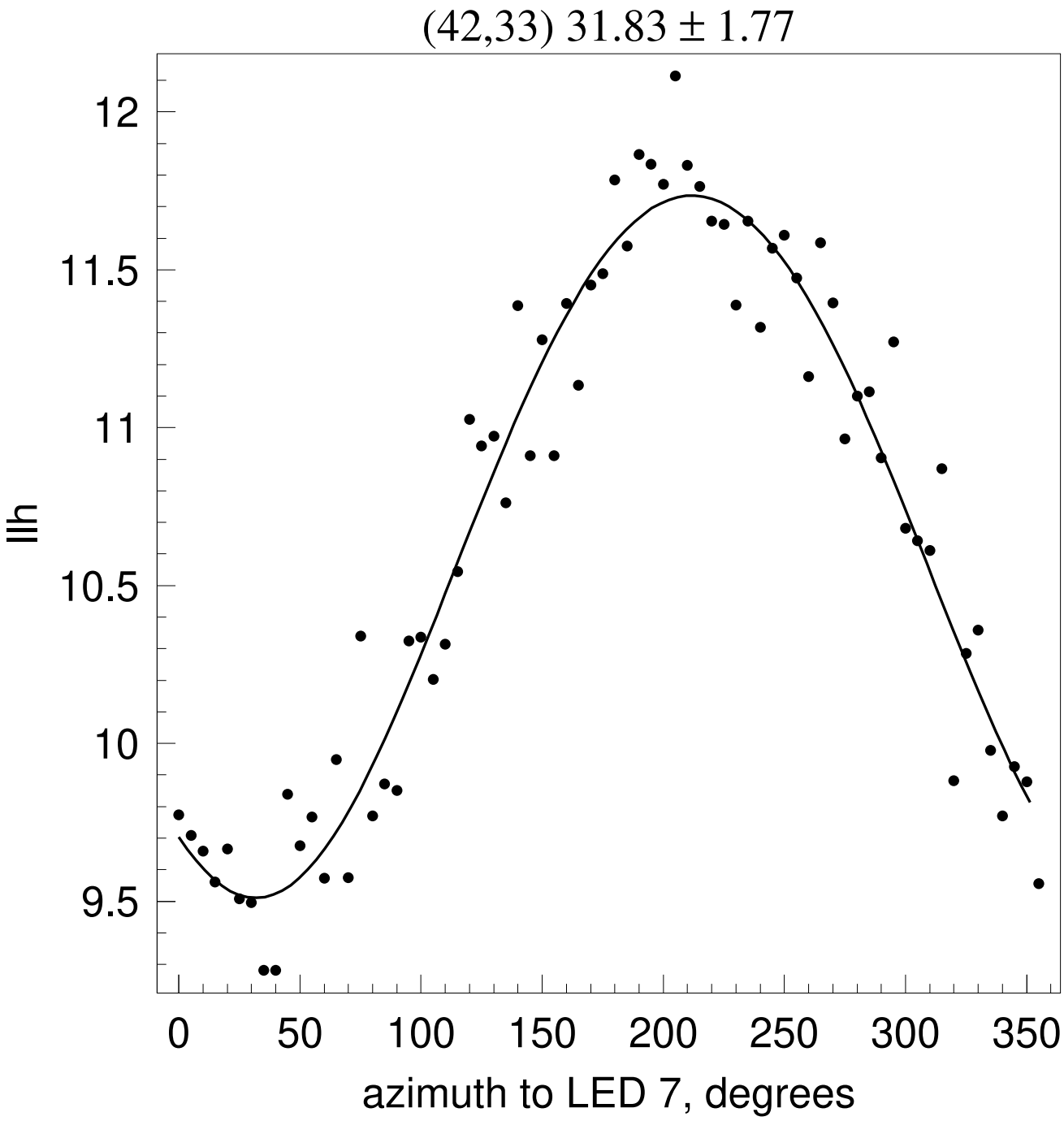

(42,28) 267.85 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

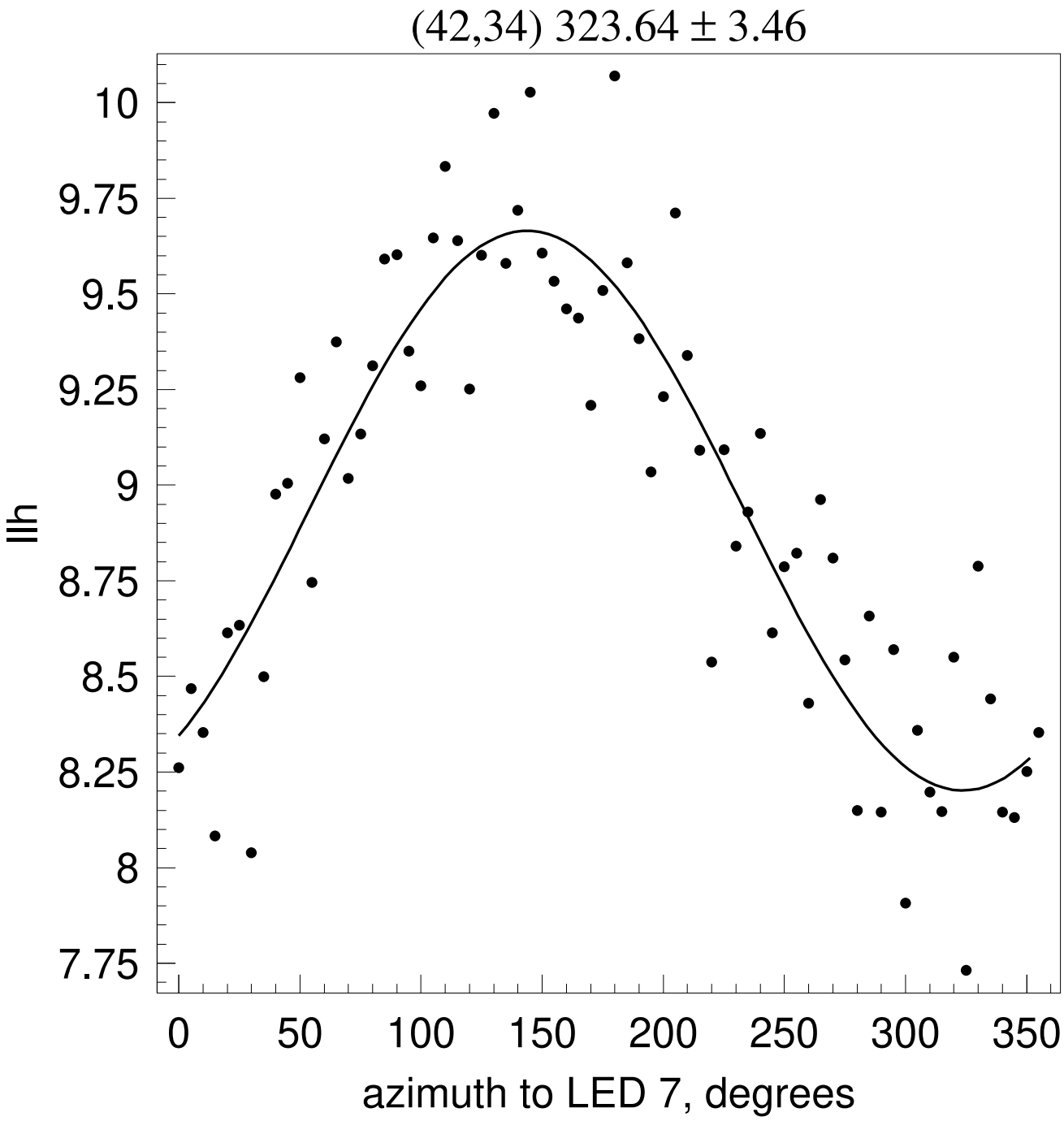

(42,29) 195.07 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

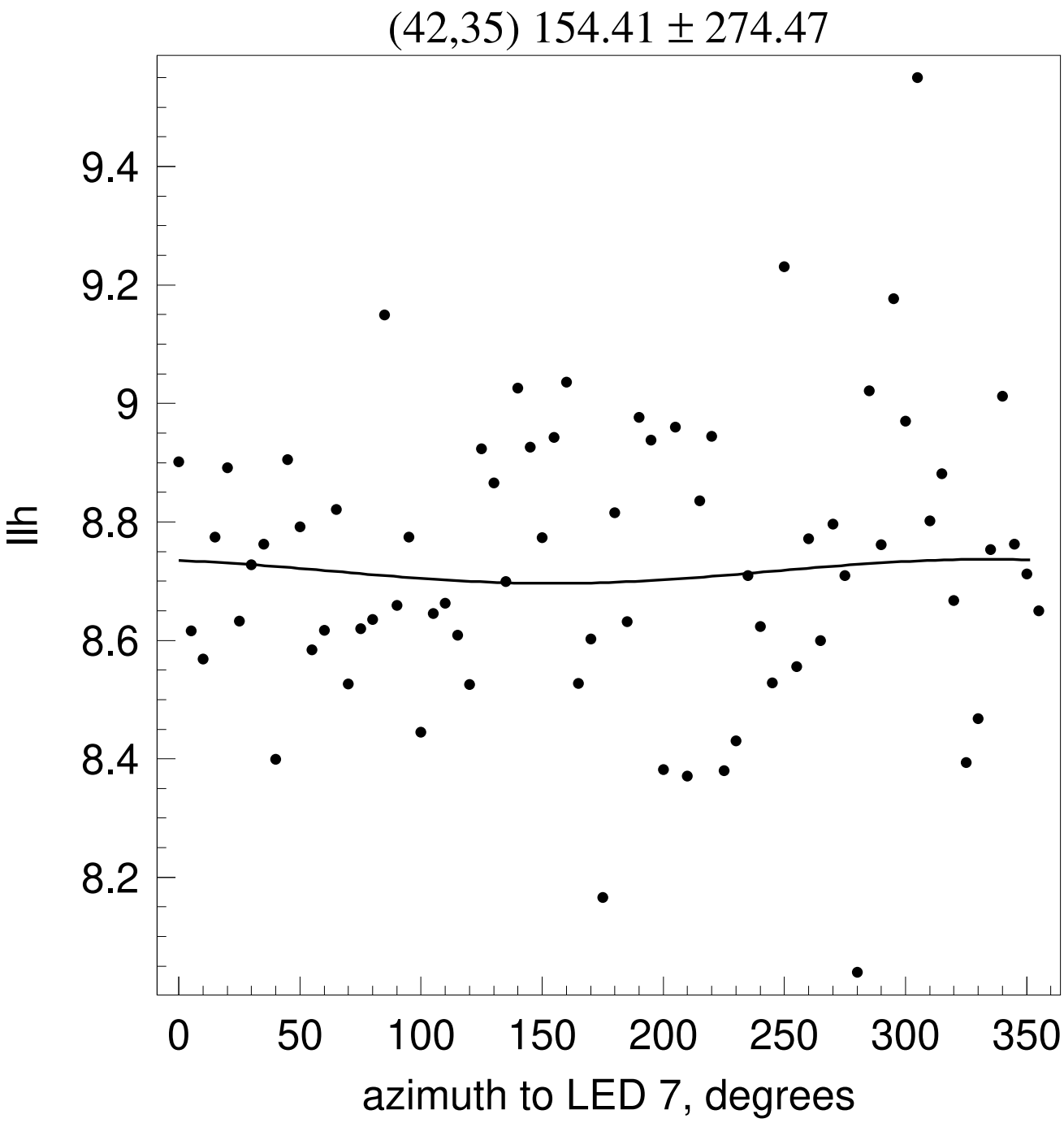

(42,30) 172.77 ± 0.05
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

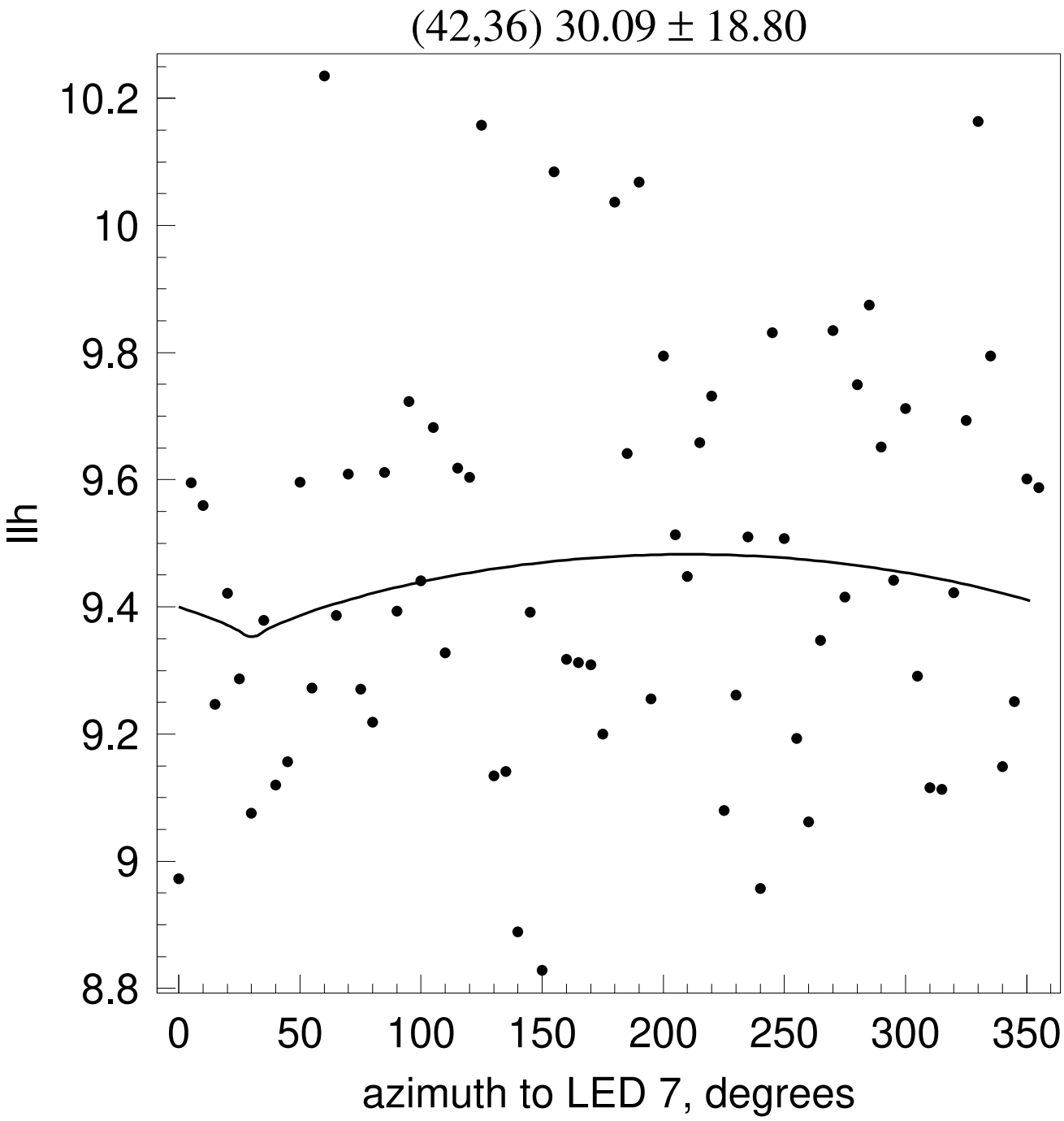

(42,31) 186.74 ± 0.89
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

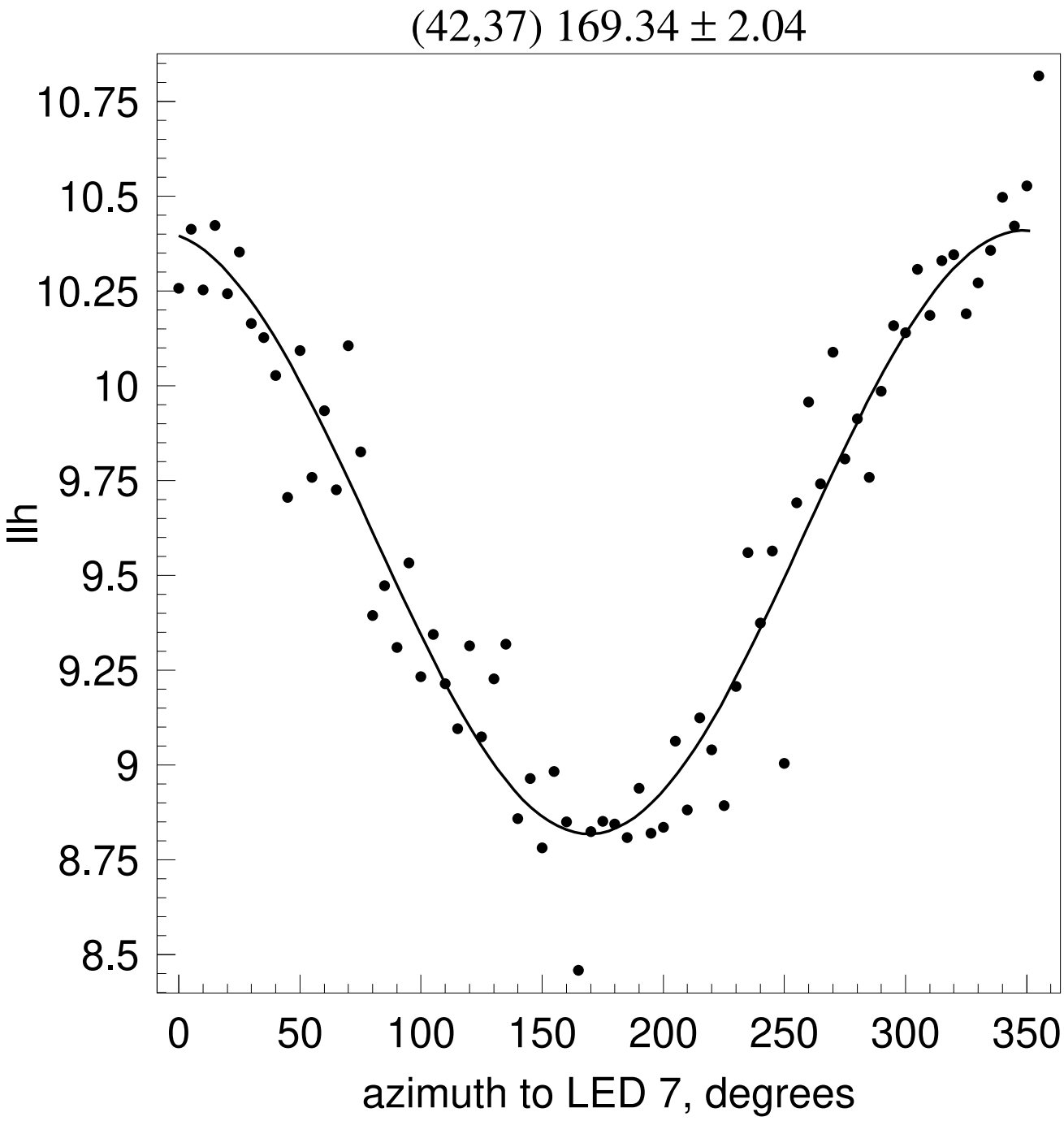

(42,32) 156.13 ± 0.20
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

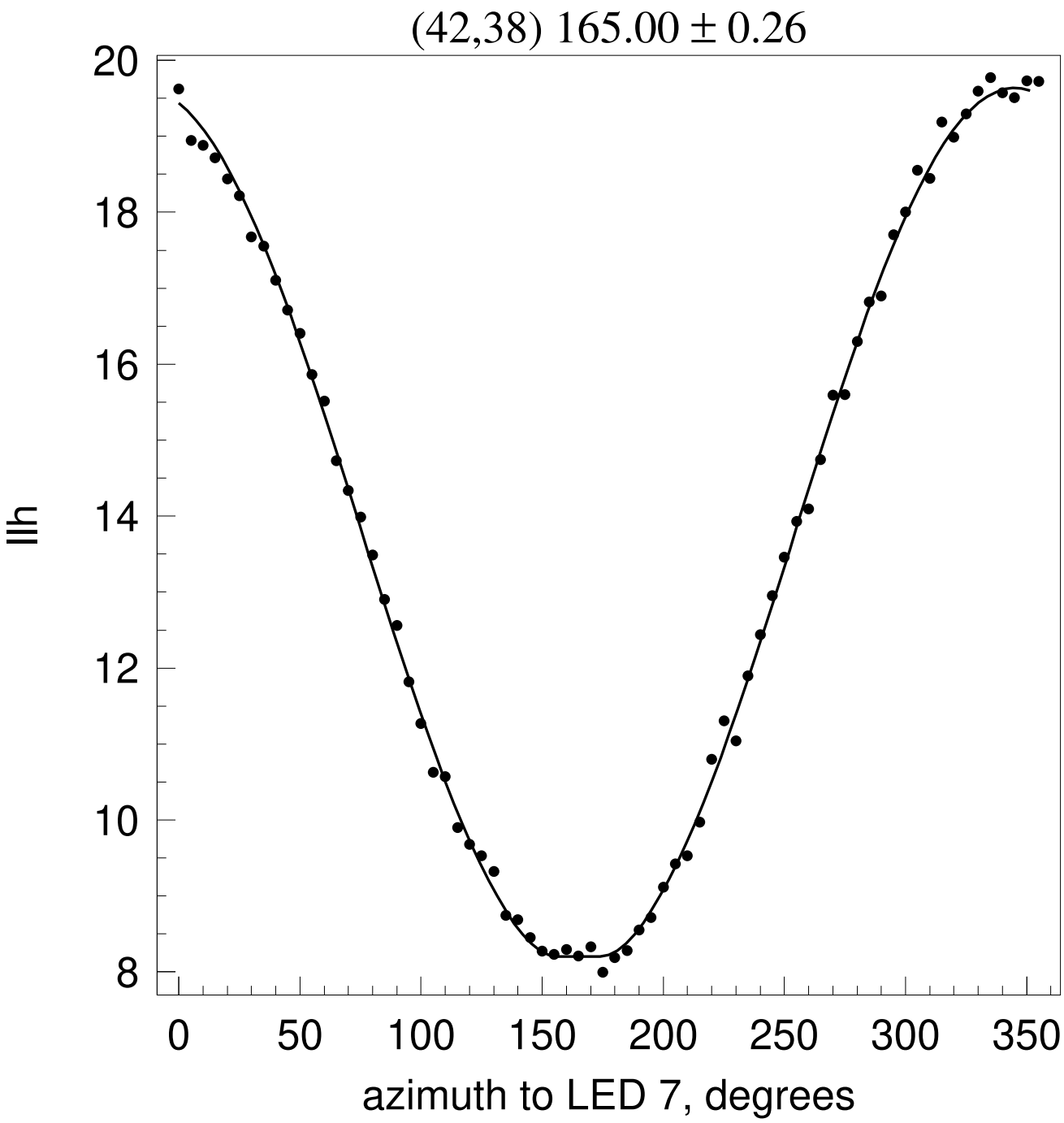

(42,33) 31.83 ± 1.77
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

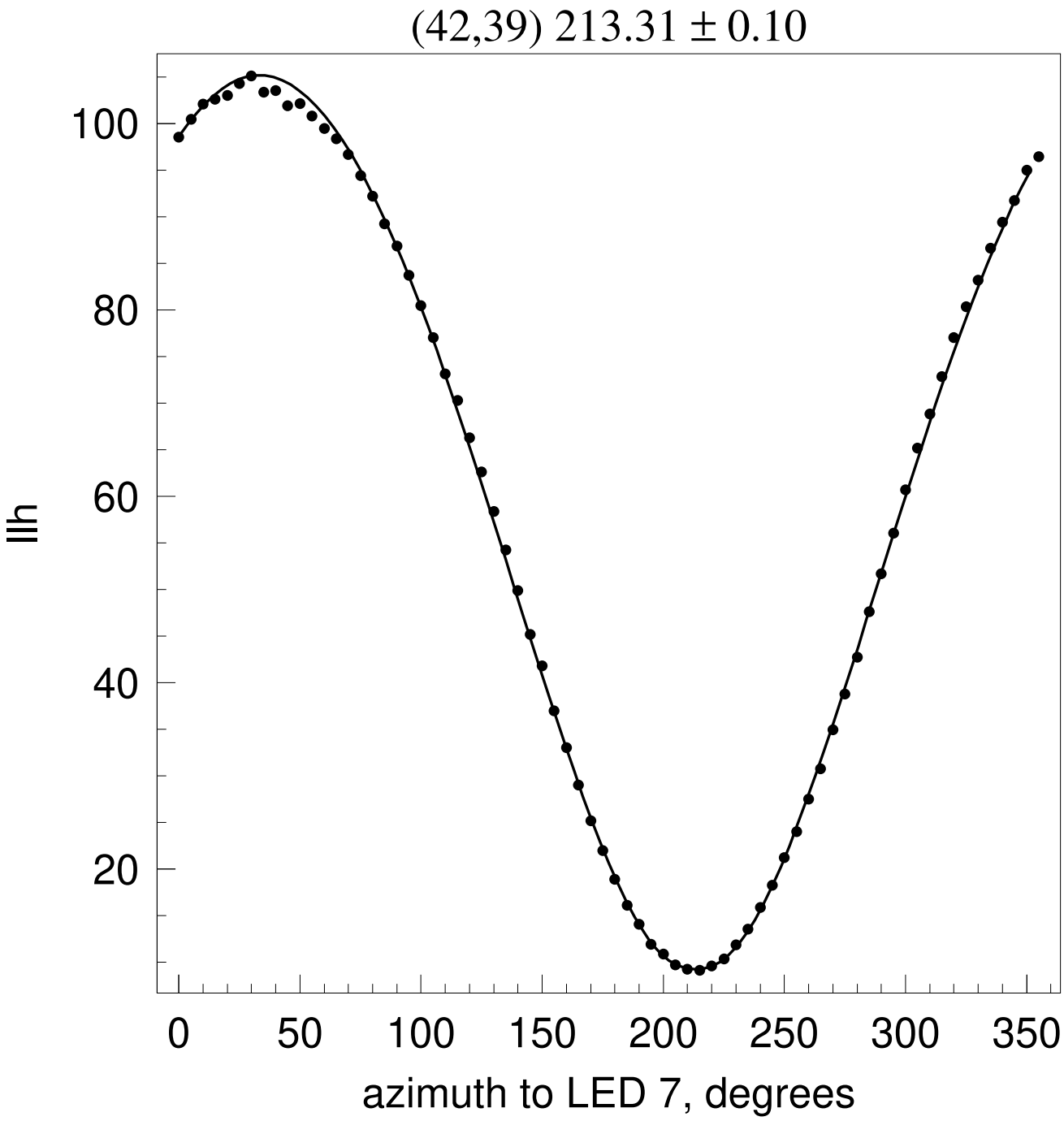

(42,34) 323.64 ± 3.46
10
9.75
9.5
9.25
9
8.75
8.5
8.25
8
7.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

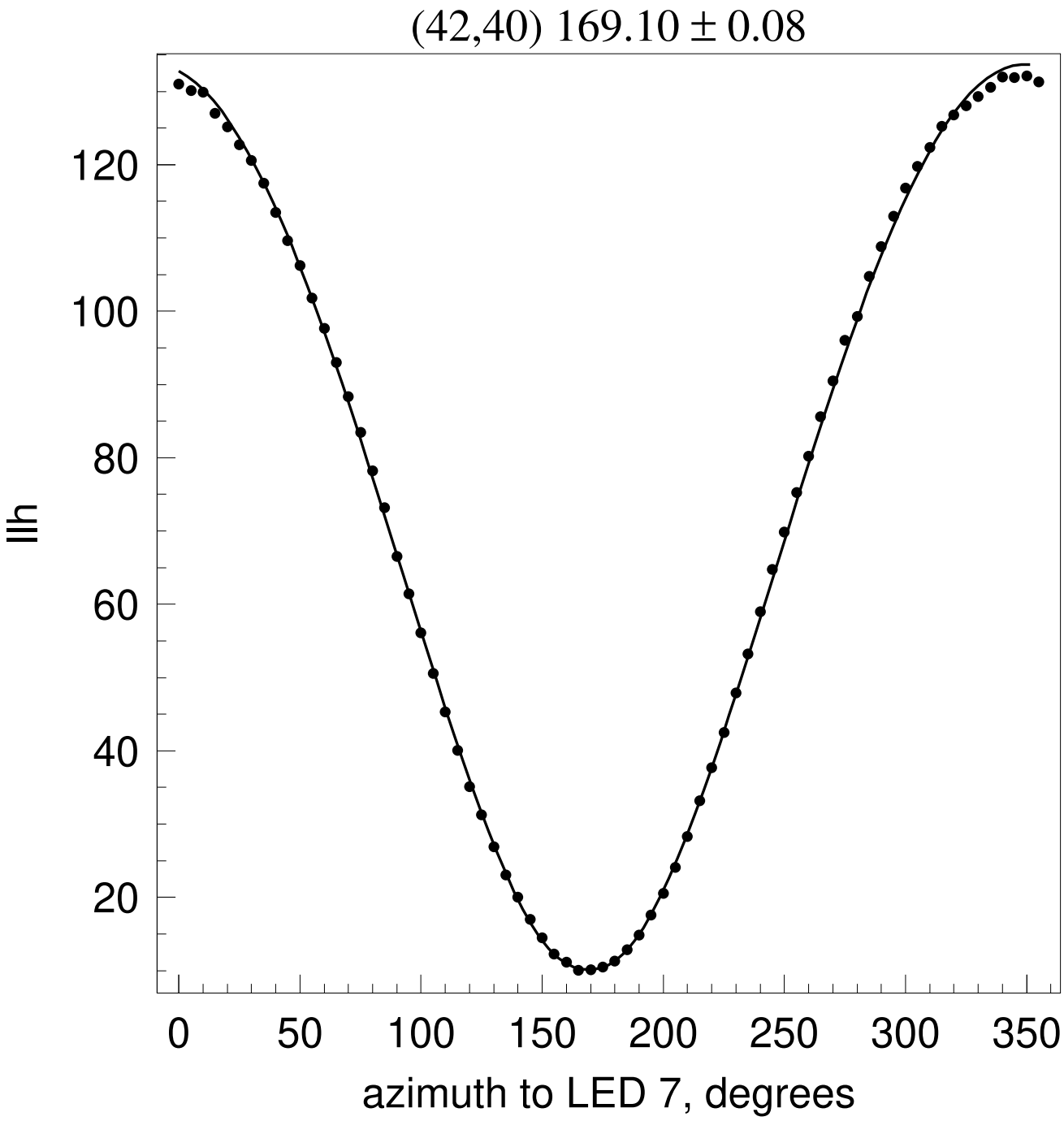

(42,35) 154.41 ± 274.47
9.4
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

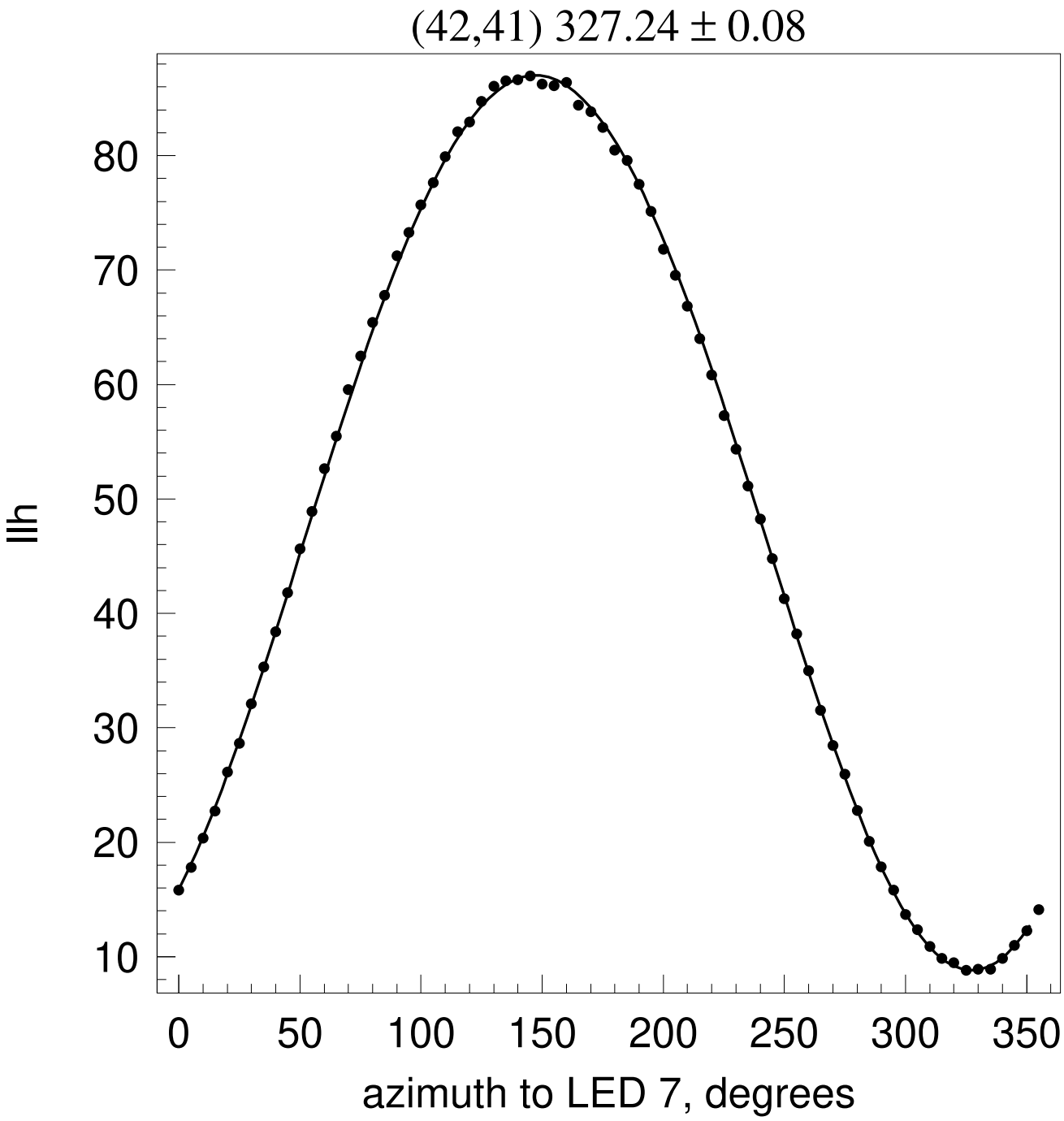

(42,36) 30.09 ± 18.80
10.2
10
9.8
9.6
9.4
9.2
9
8.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

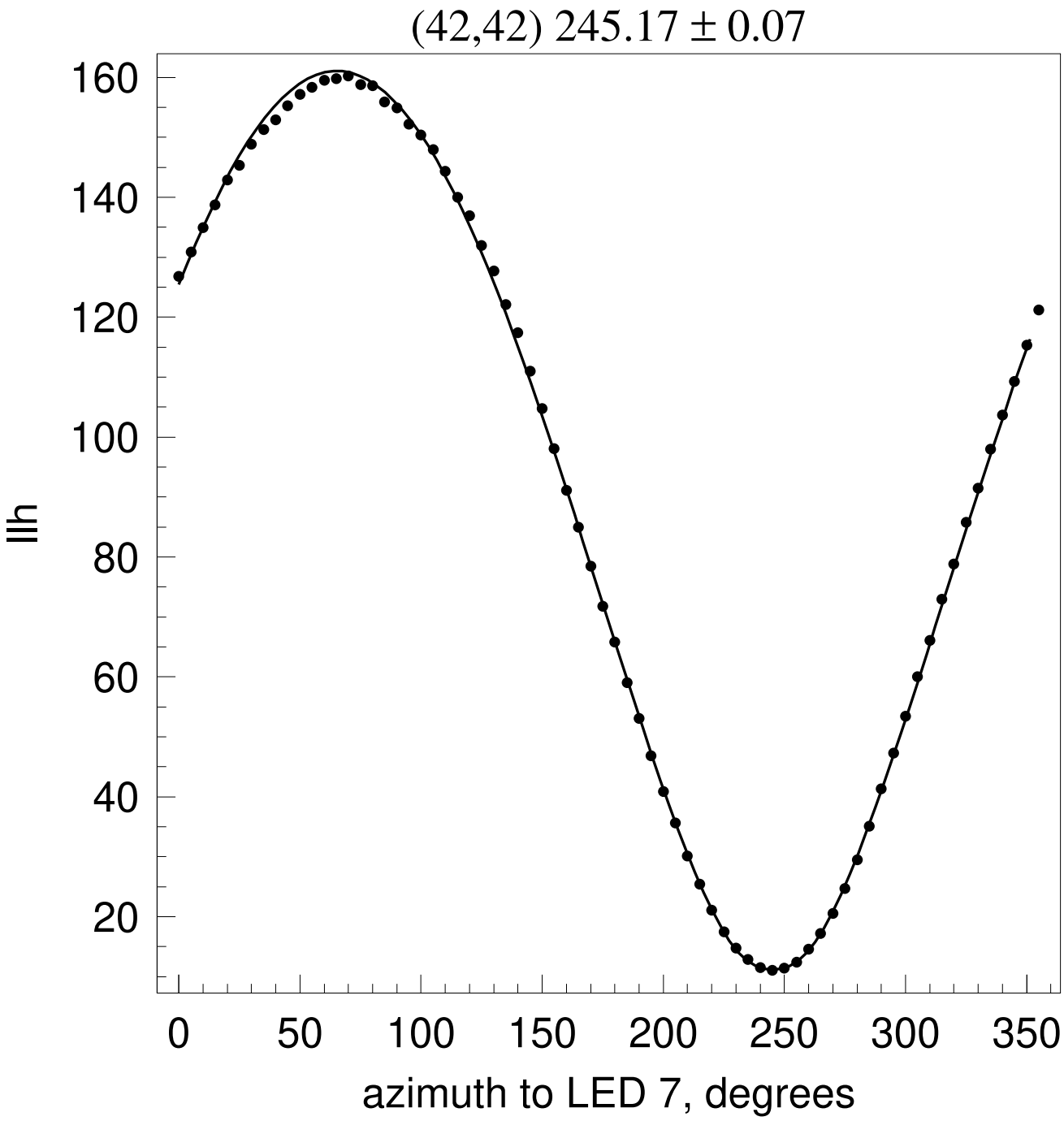

(42,37) 169.34 ± 2.04
10.75
10.5
10.25
10
9.75
9.5
9.25
9
8.75
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

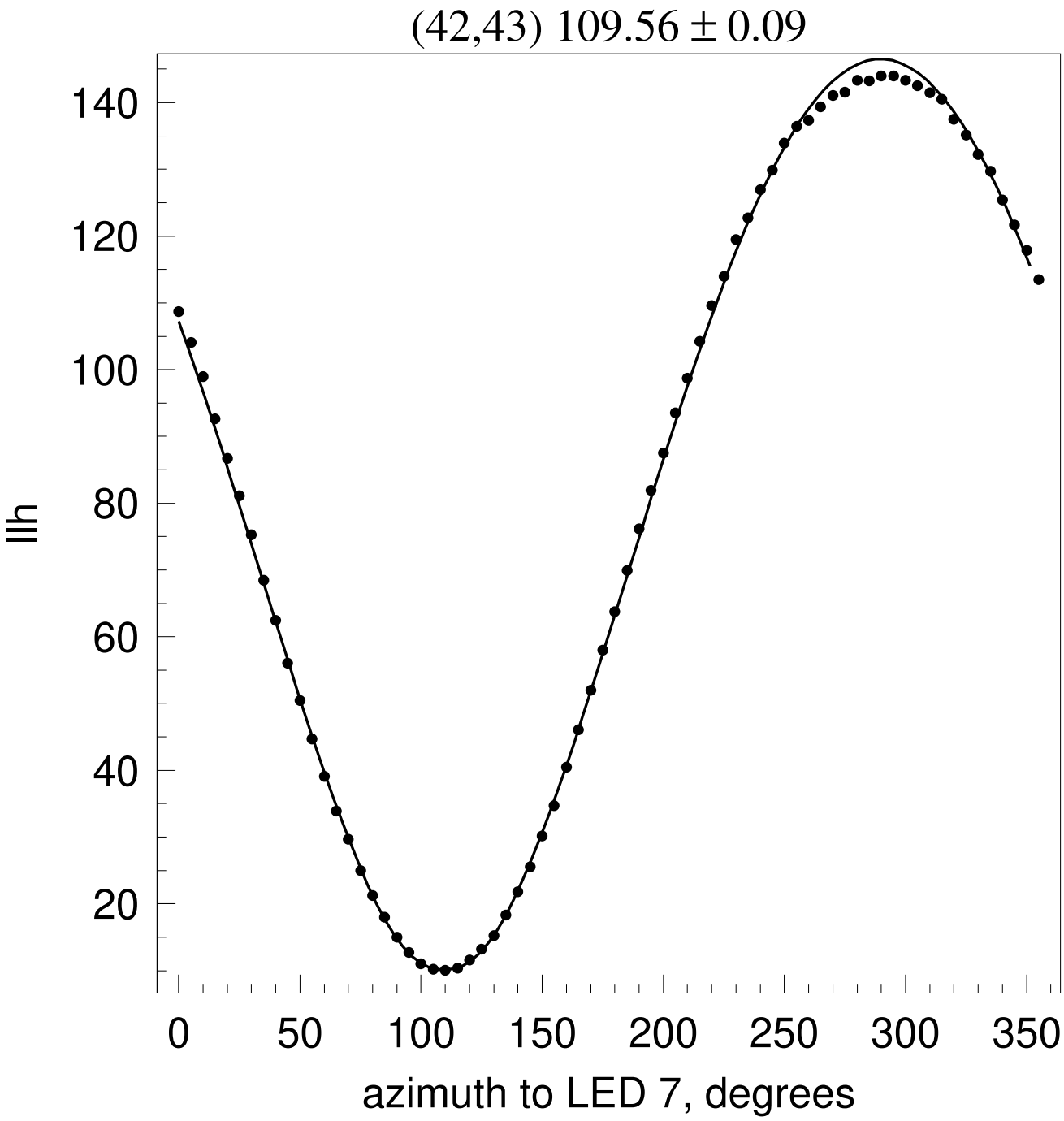

(42,38) 165.00 ± 0.26
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

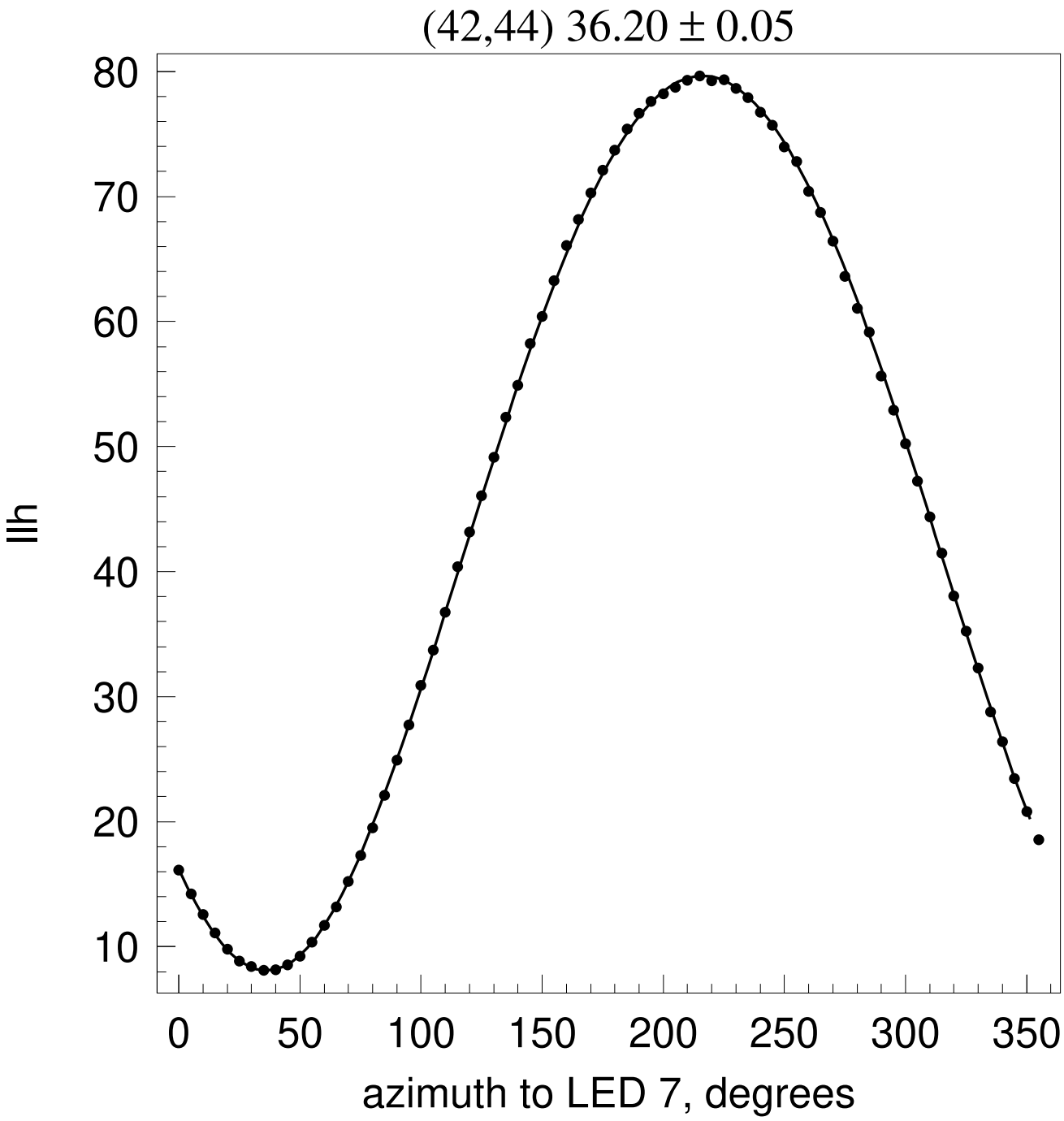

(42,39) 213.31 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

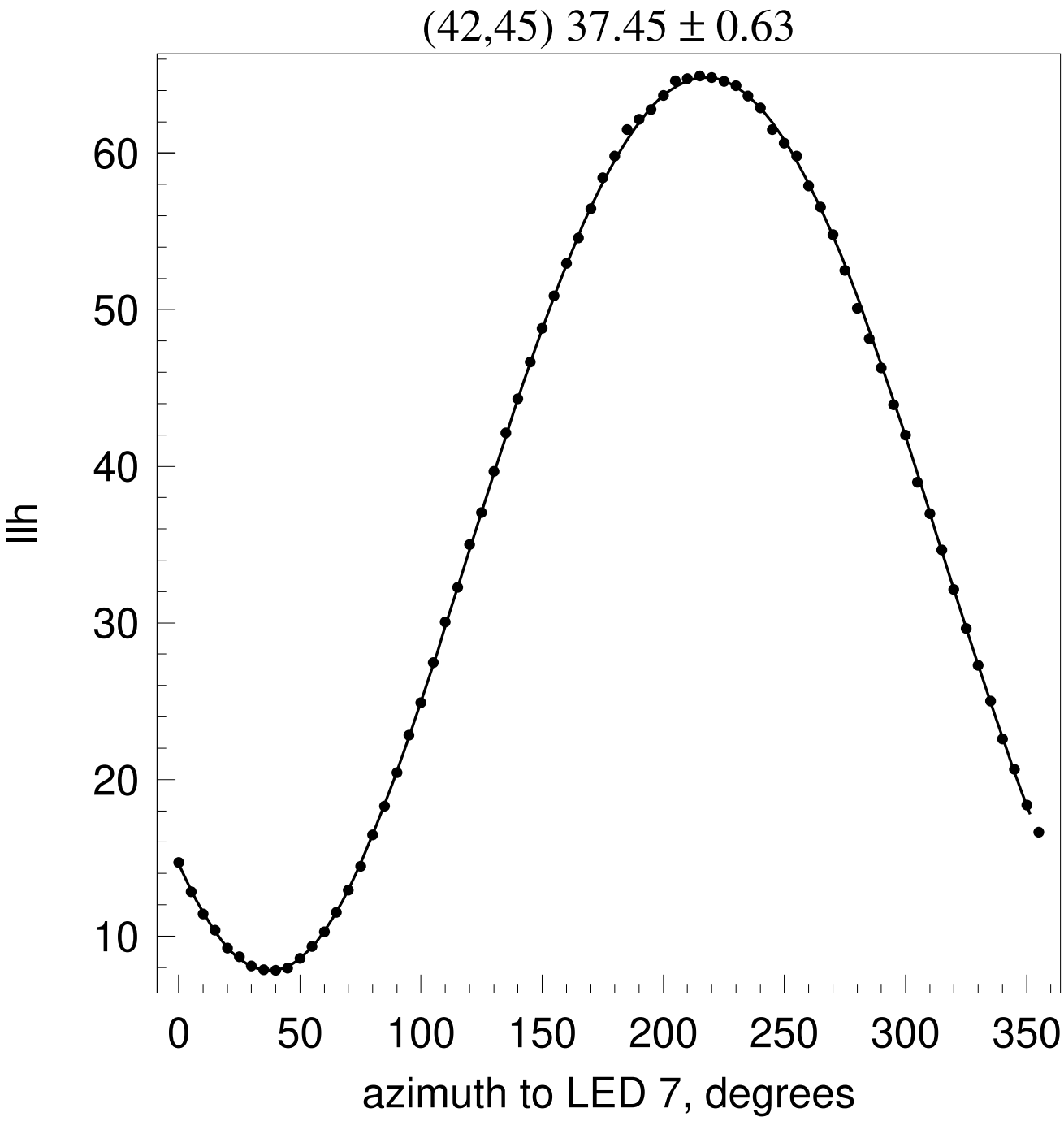

(42,40) 169.10 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

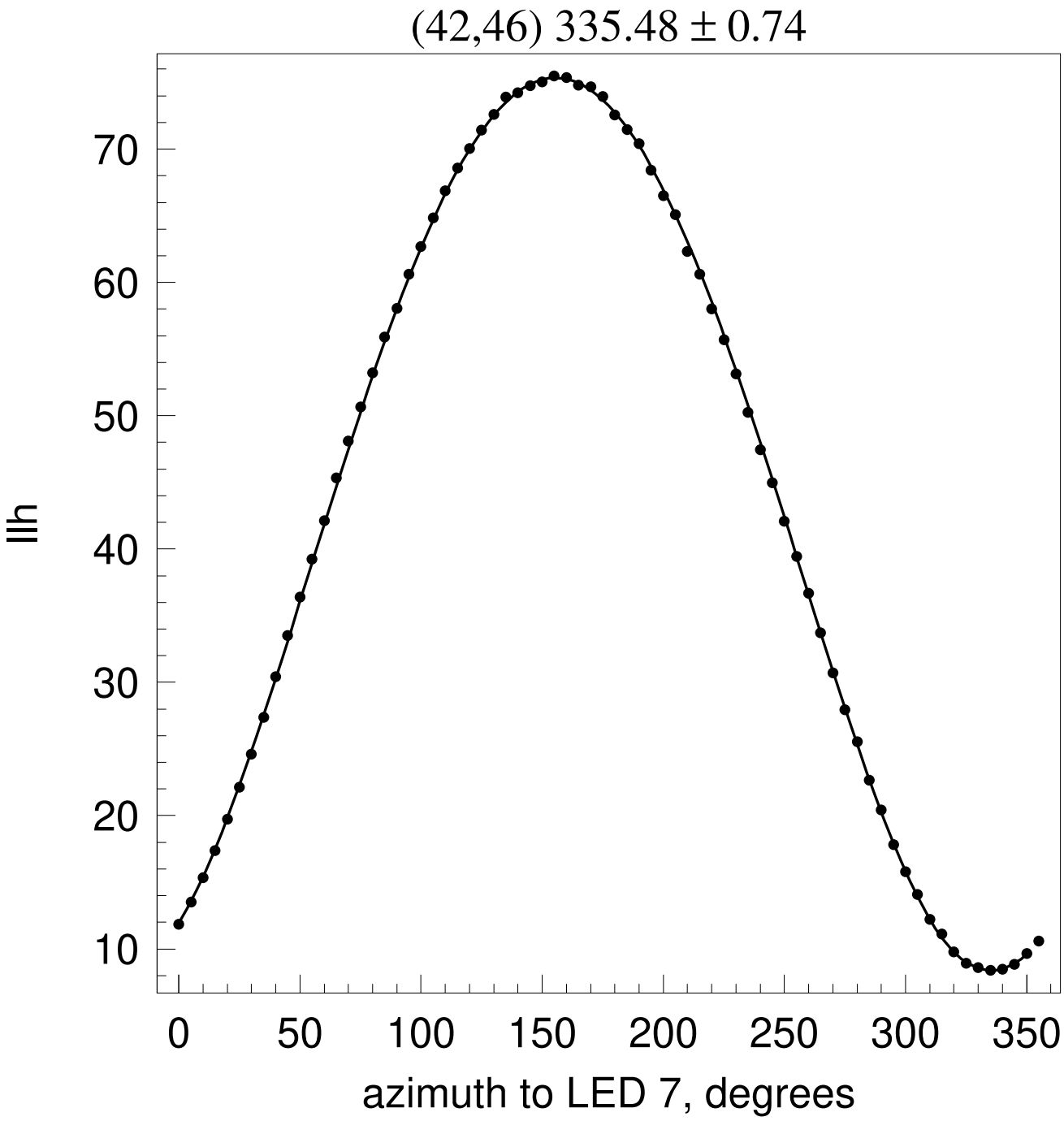

(42,41) 327.24 ± 0.08
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

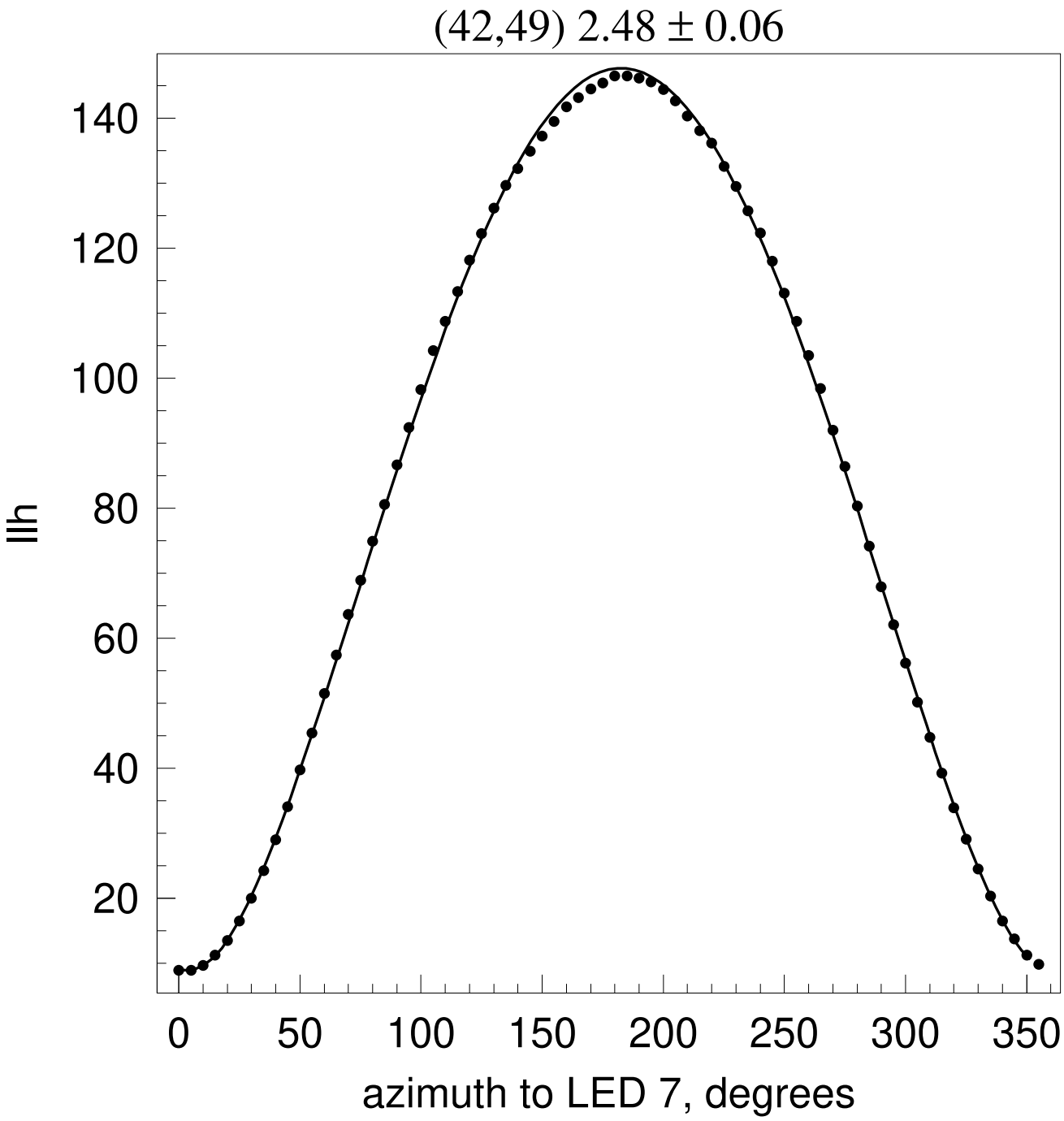

(42,42) 245.17 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

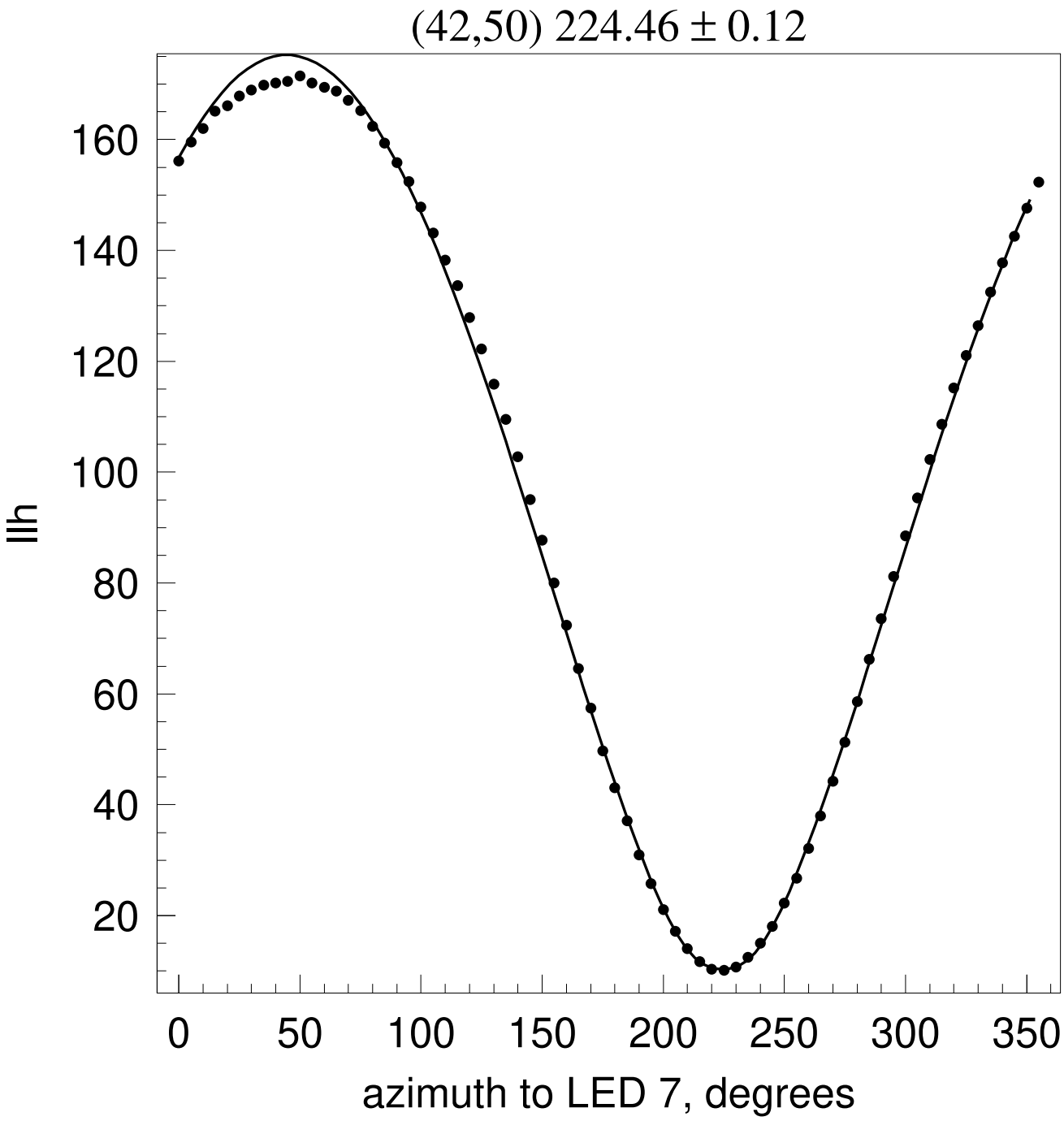

(42,43) 109.56 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

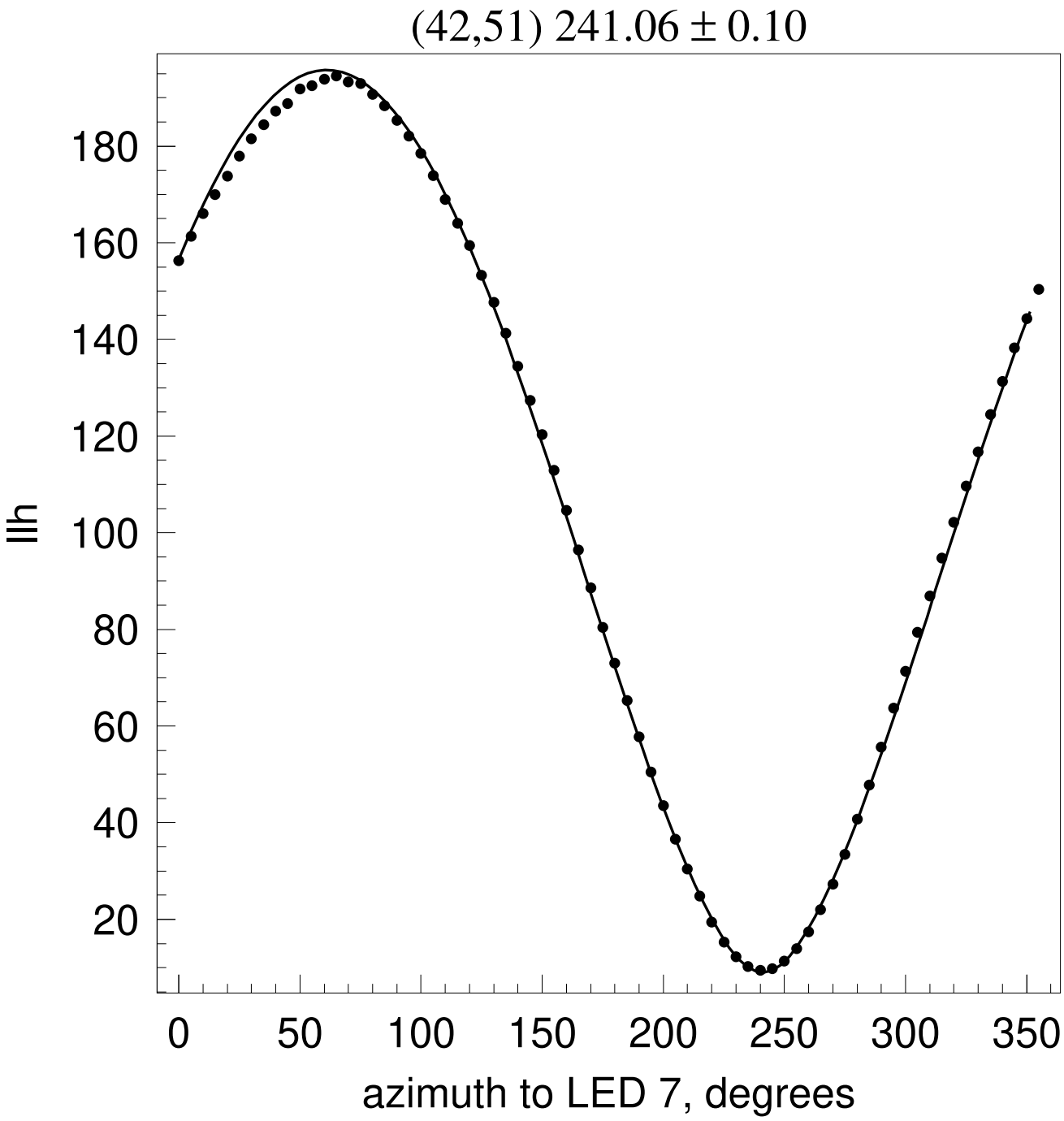

(42,44) 36.20 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

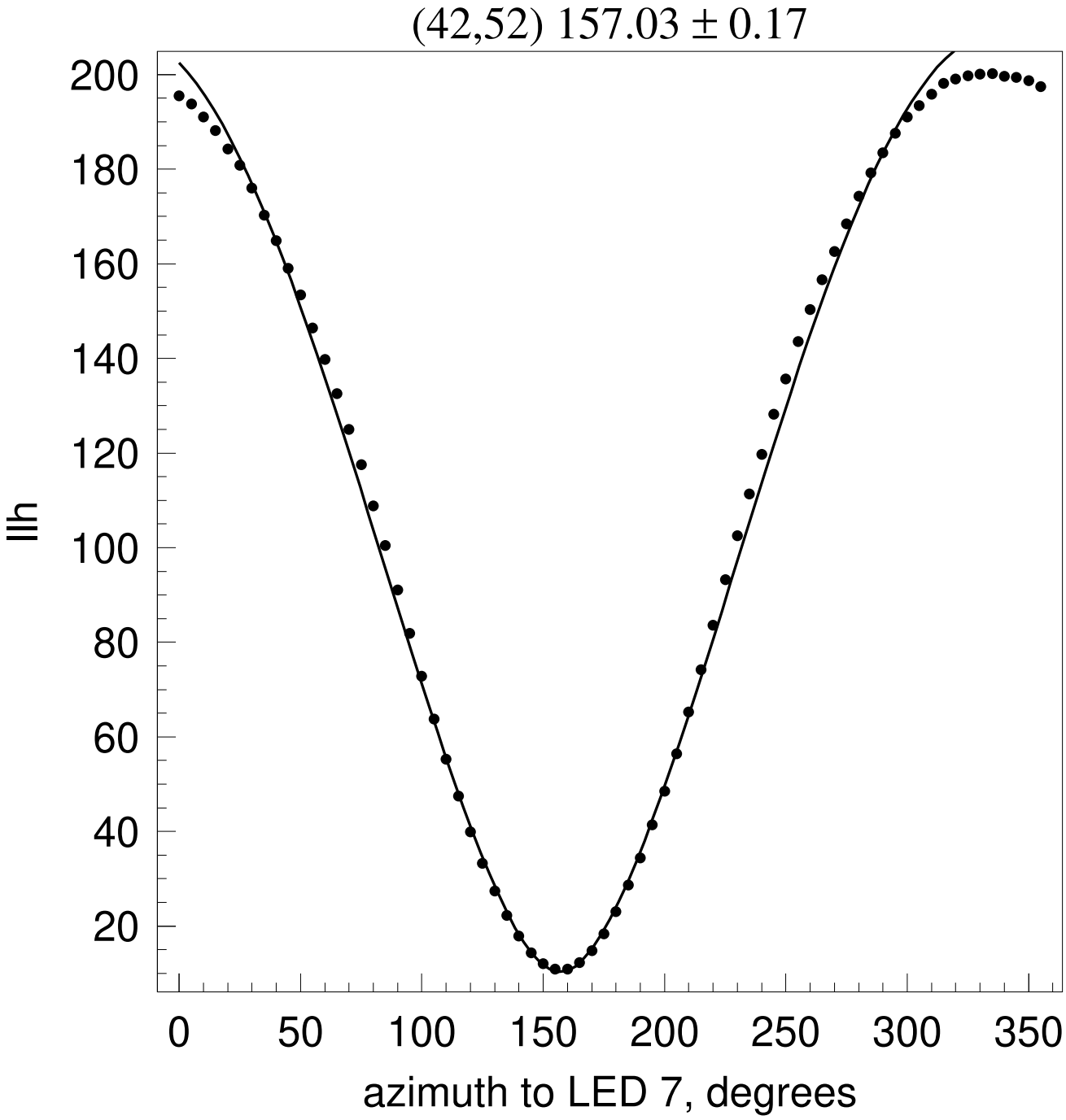

(42,45) 37.45 ± 0.63
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

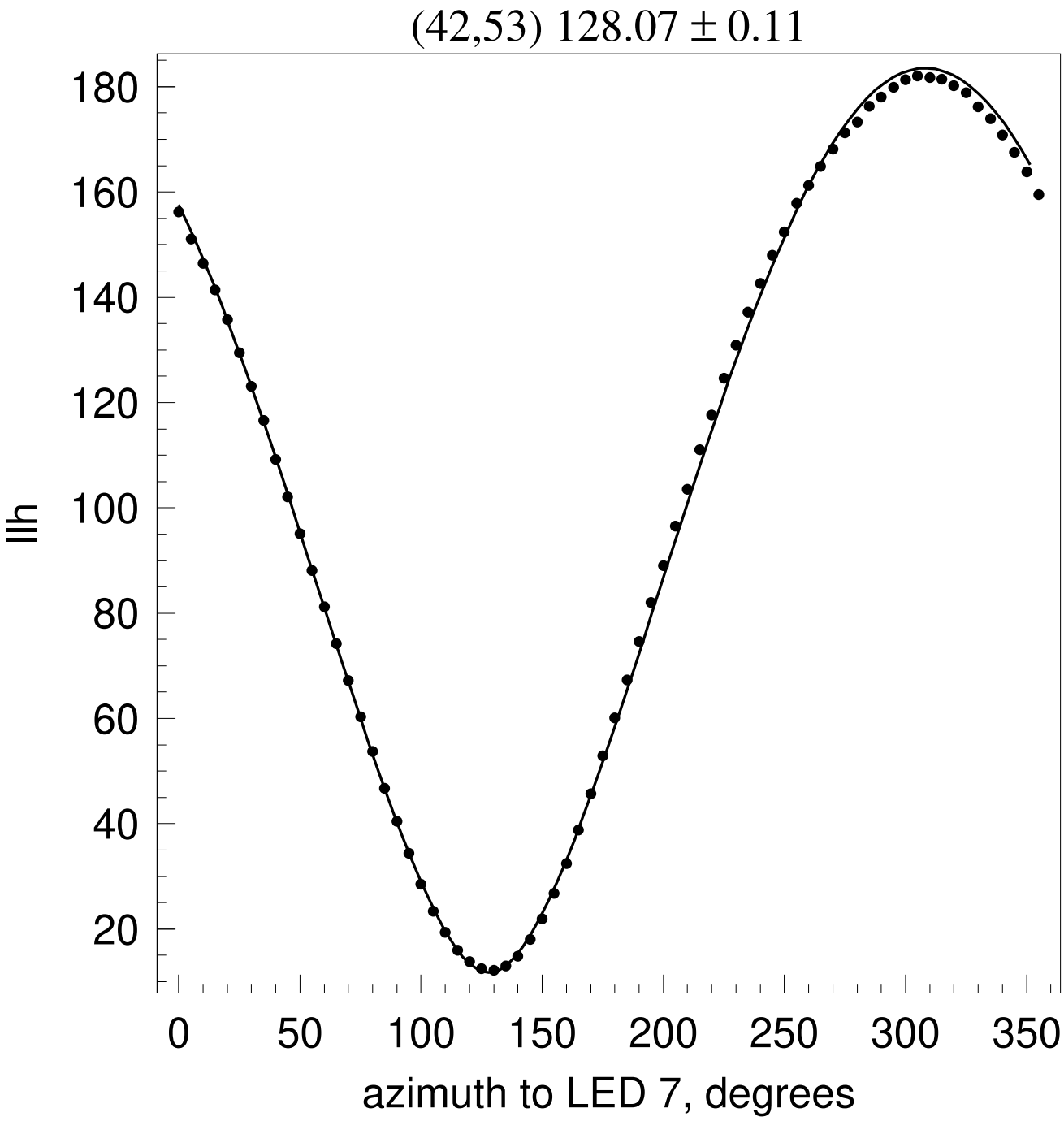

(42,46) 335.48 ± 0.74
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

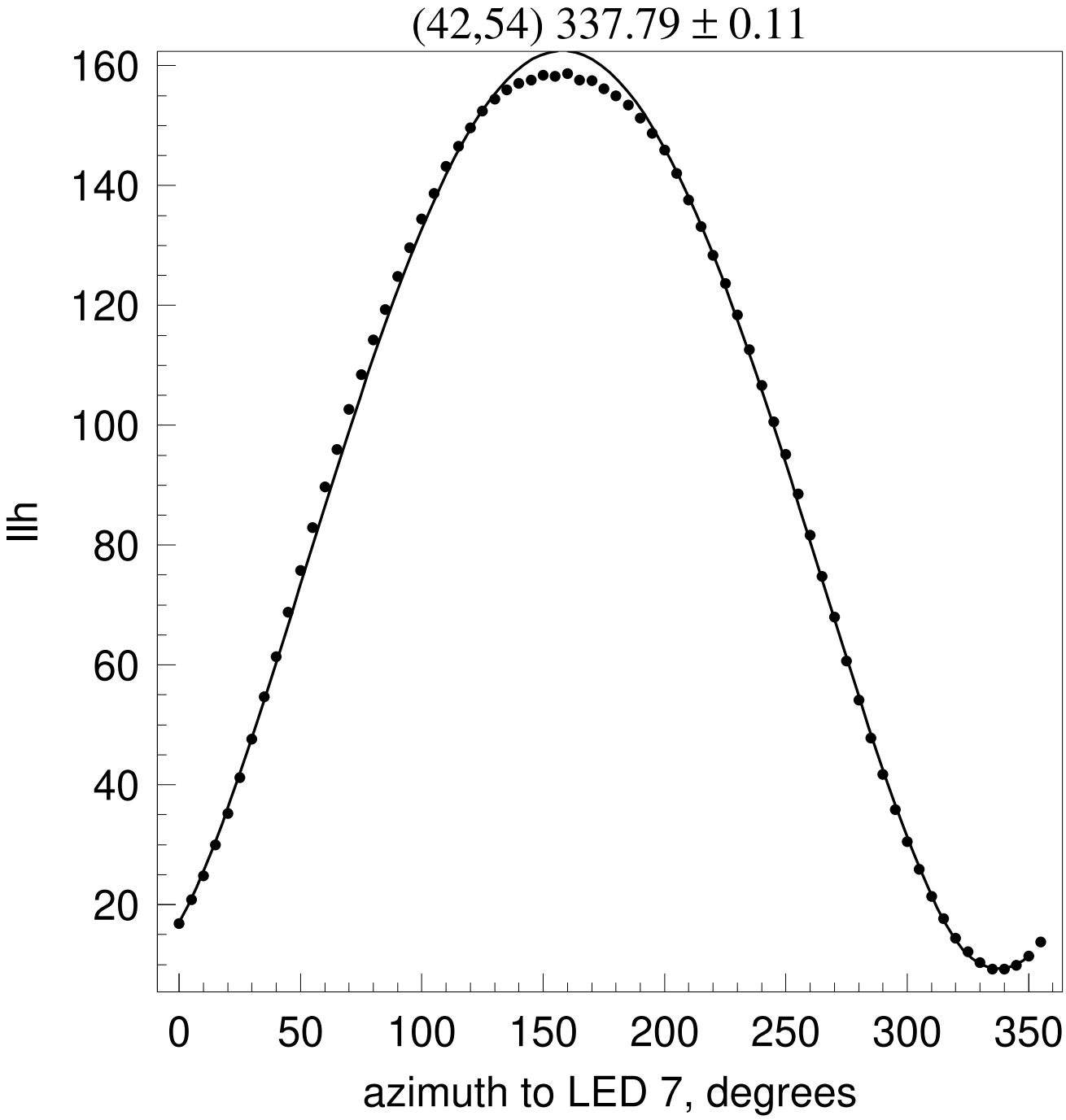

(42,49) 2.48 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

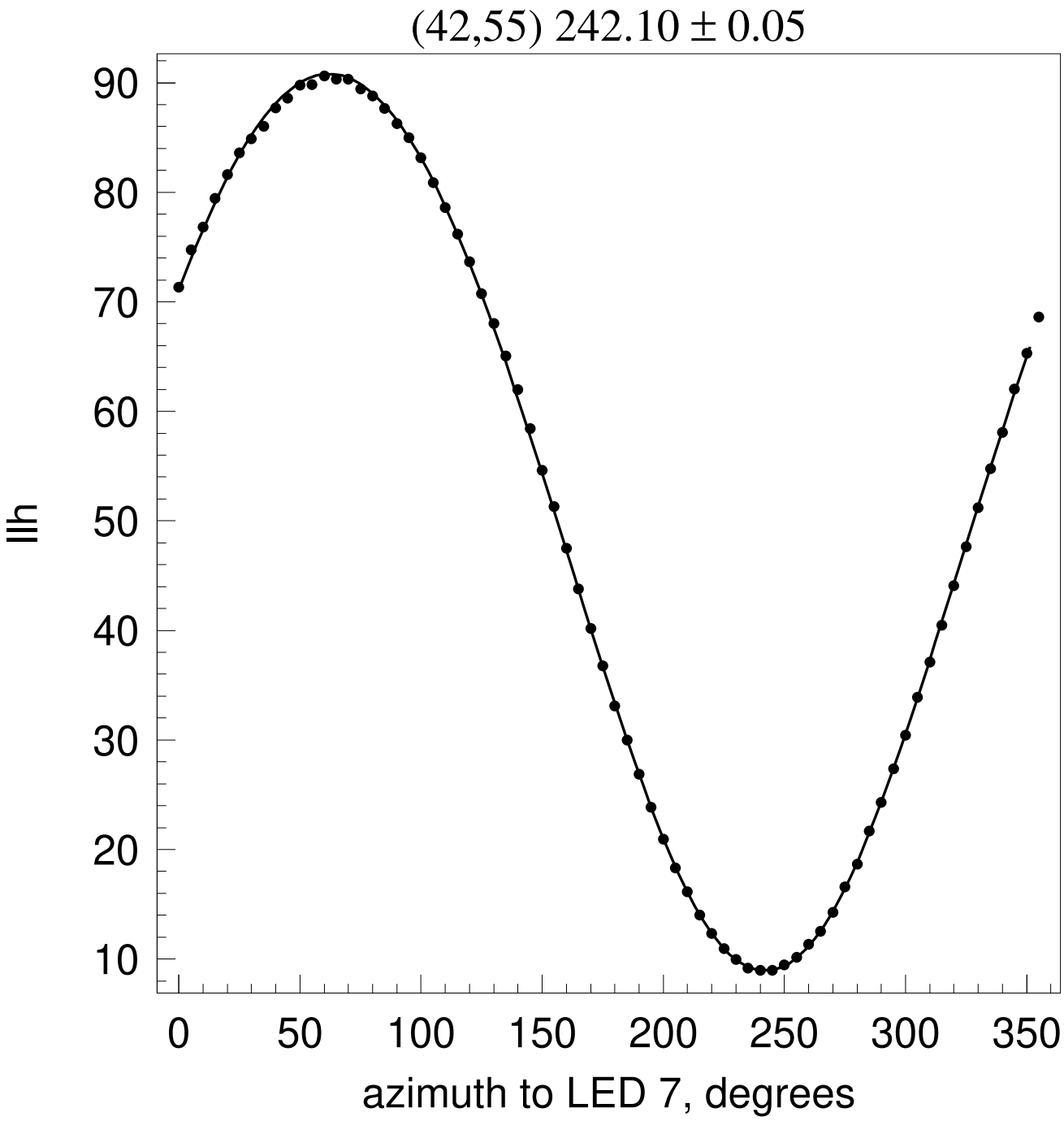

(42,50) 224.46 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

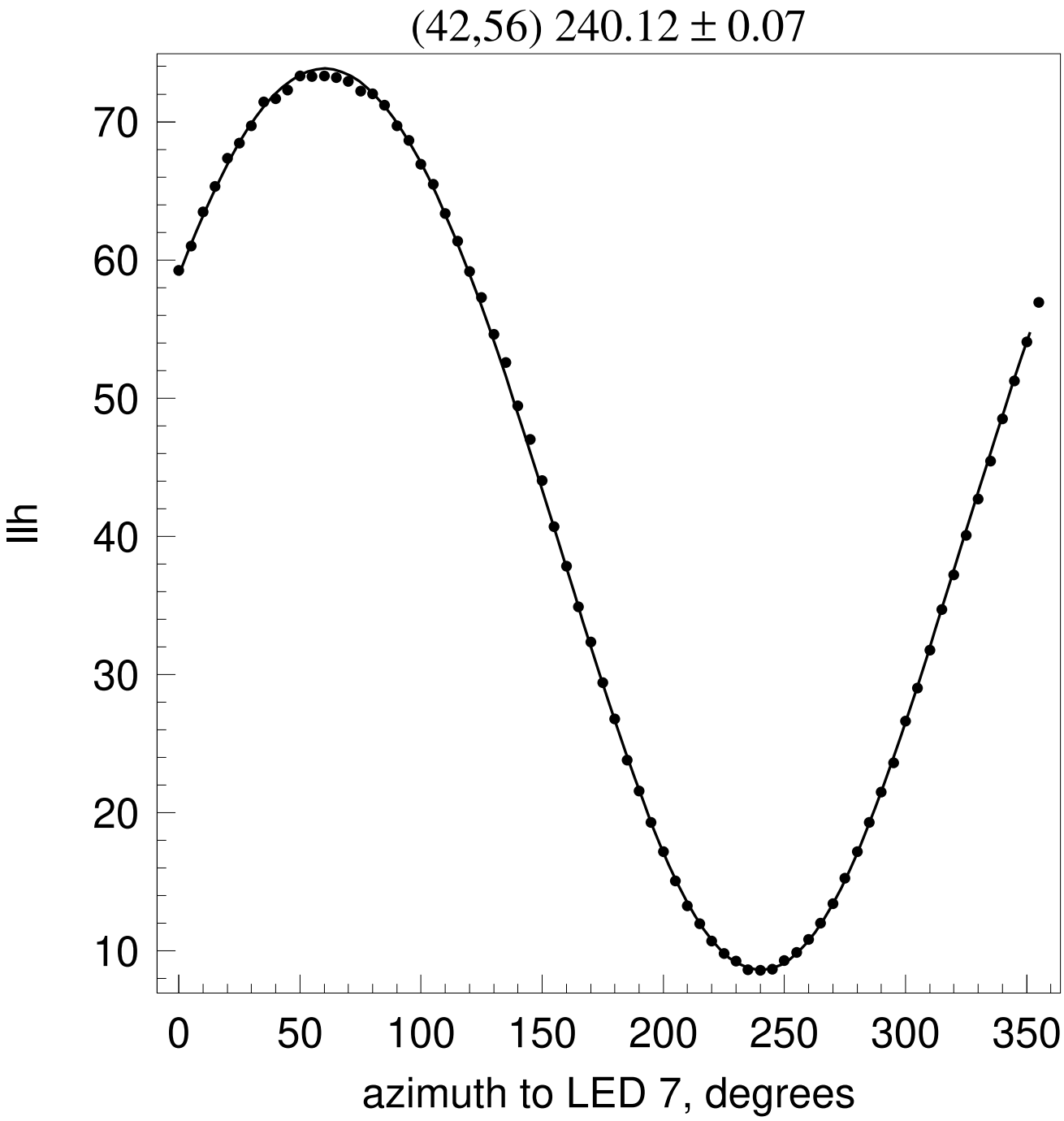

(42,51) 241.06 ± 0.10
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

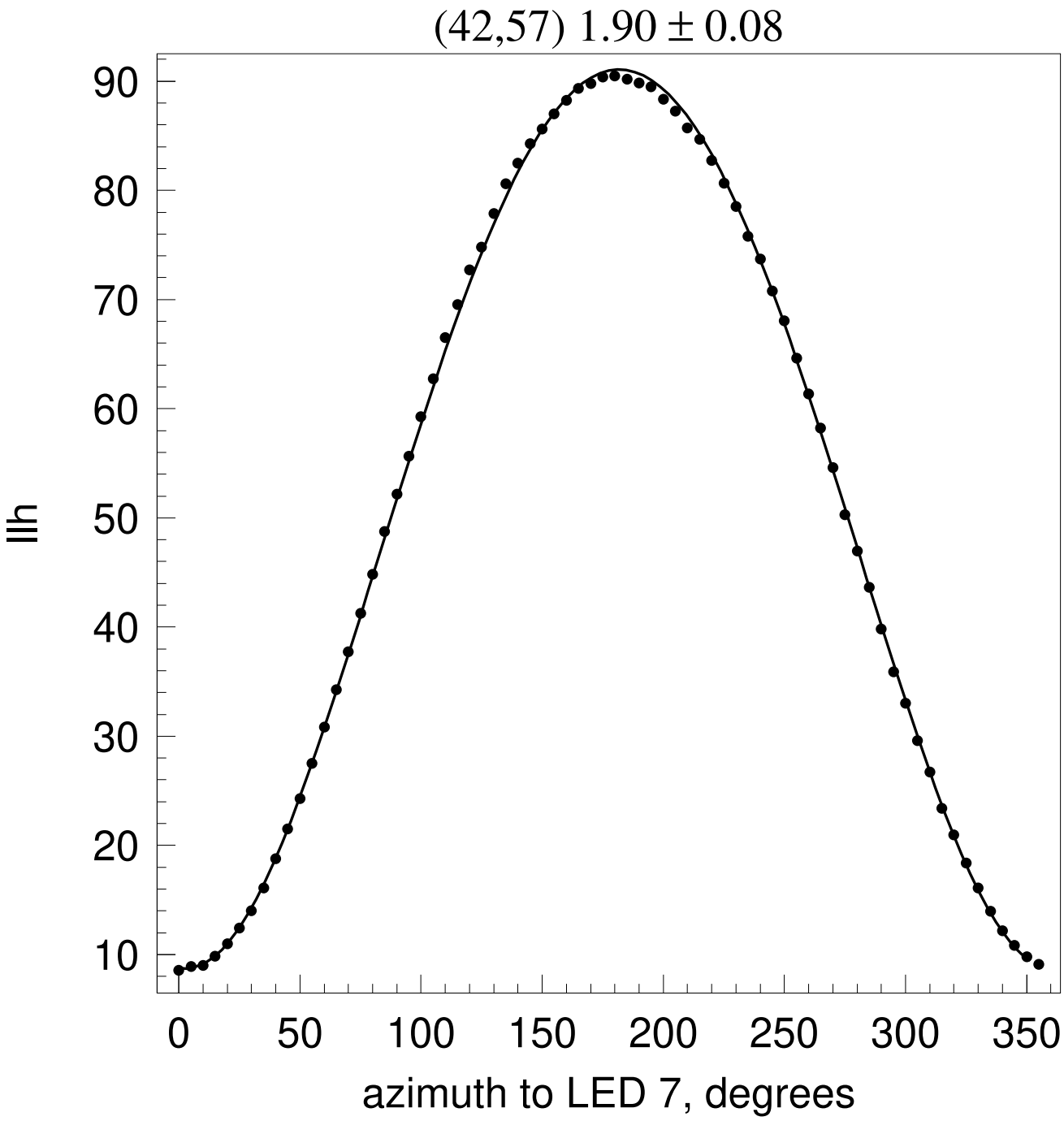

(42,52) 157.03 ± 0.17
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

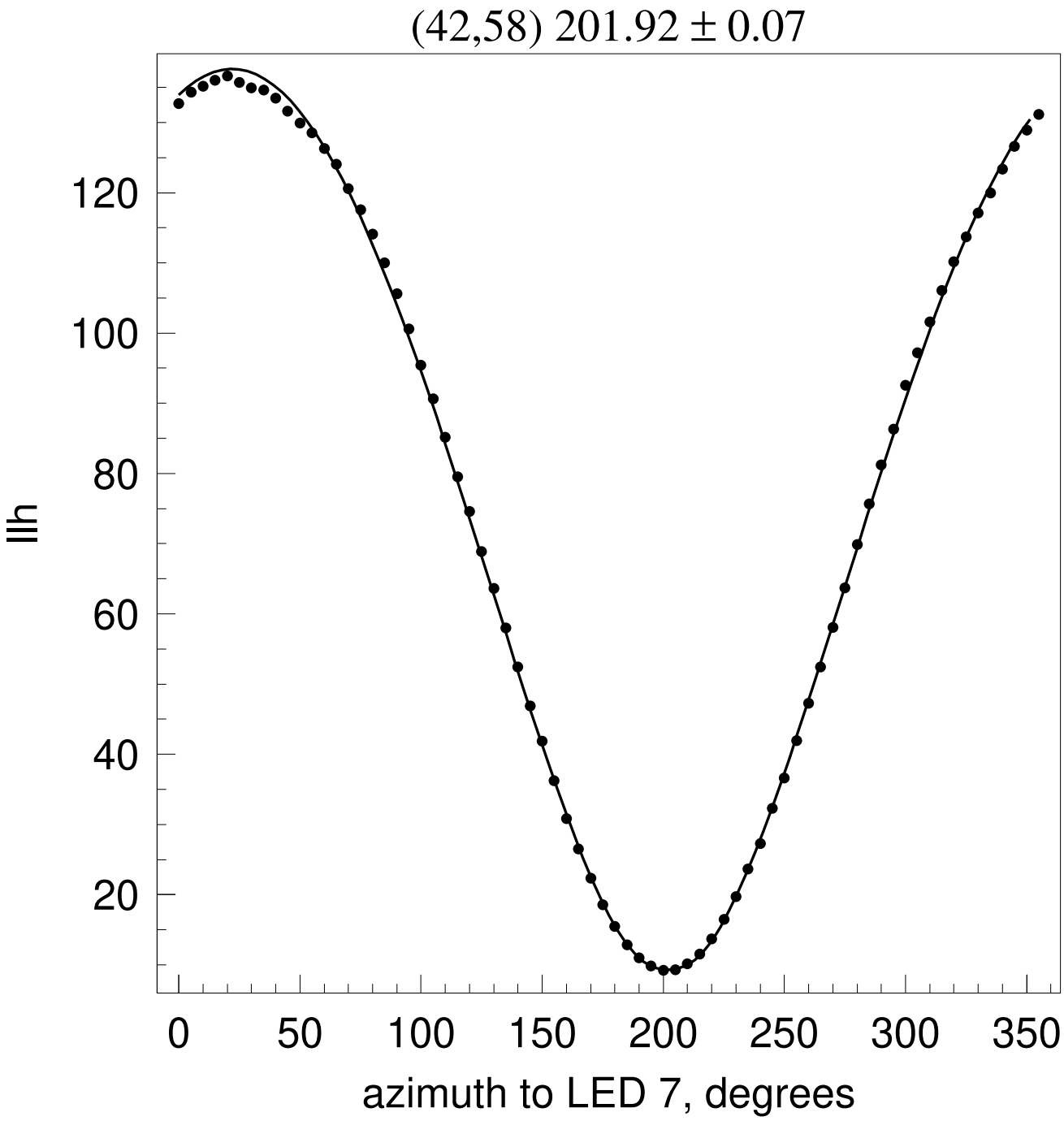

(42,53) 128.07 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

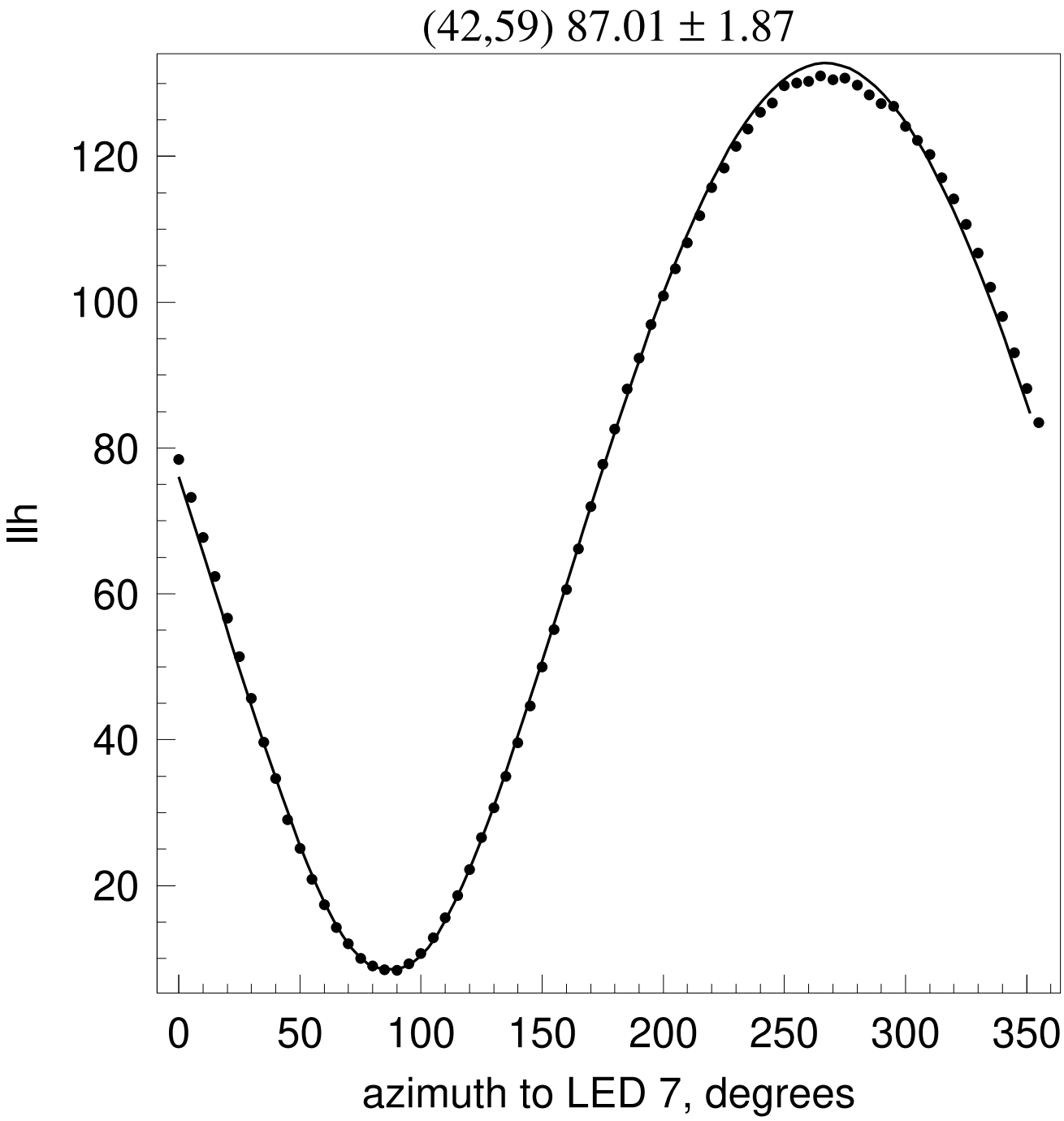

(42,54) 337.79 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

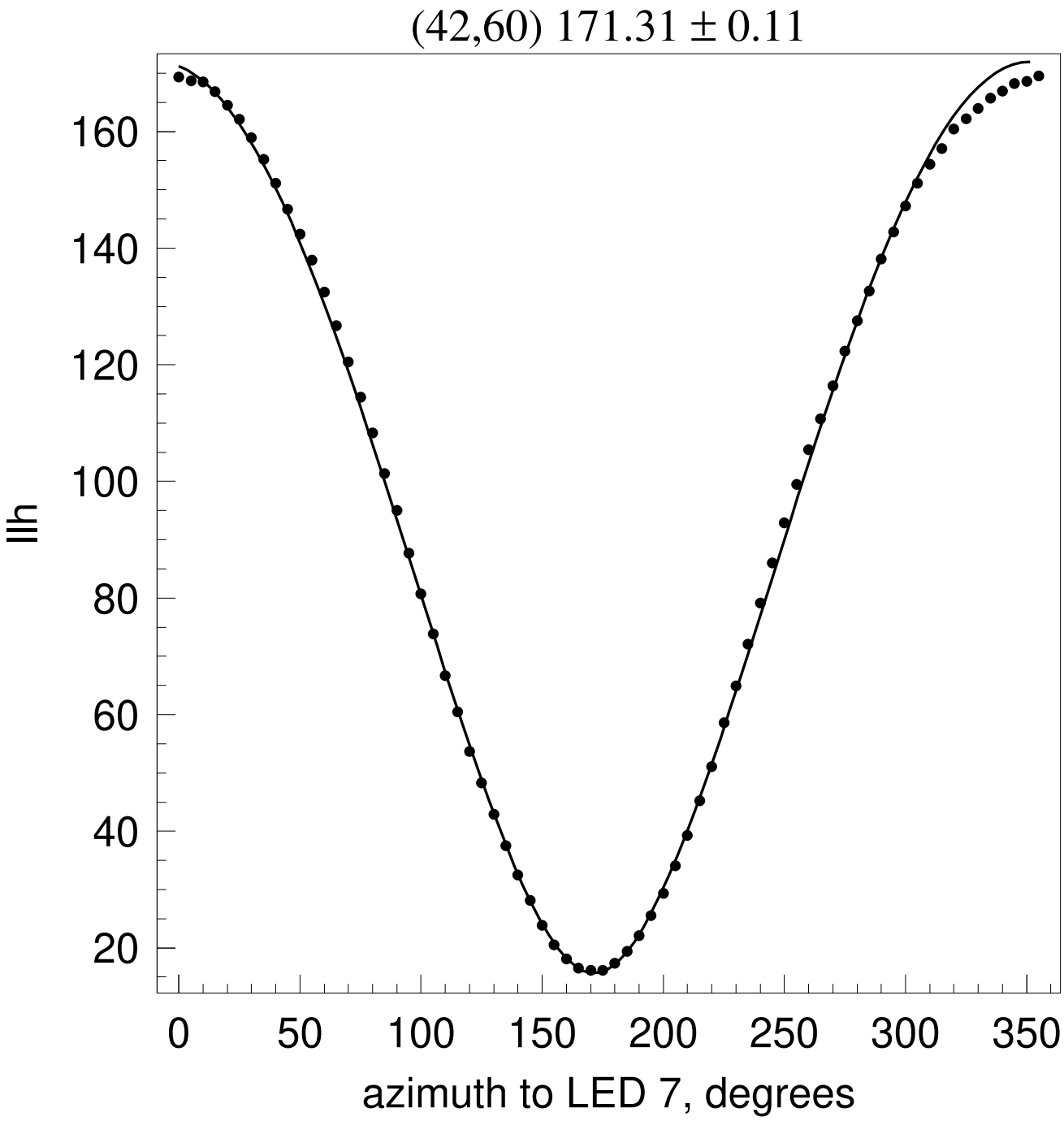

(42,55) 242.10 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

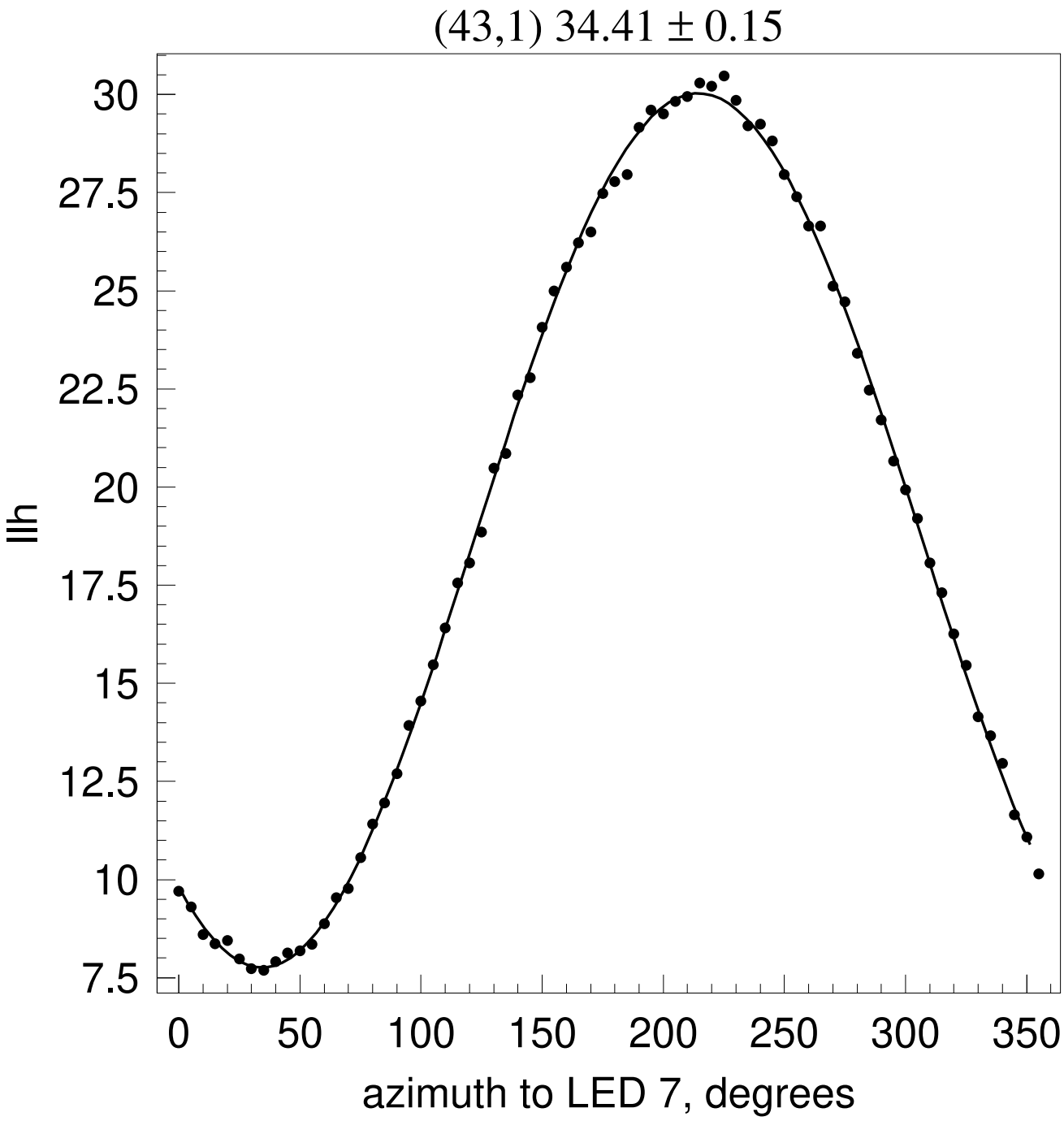

(42,56) 240.12 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

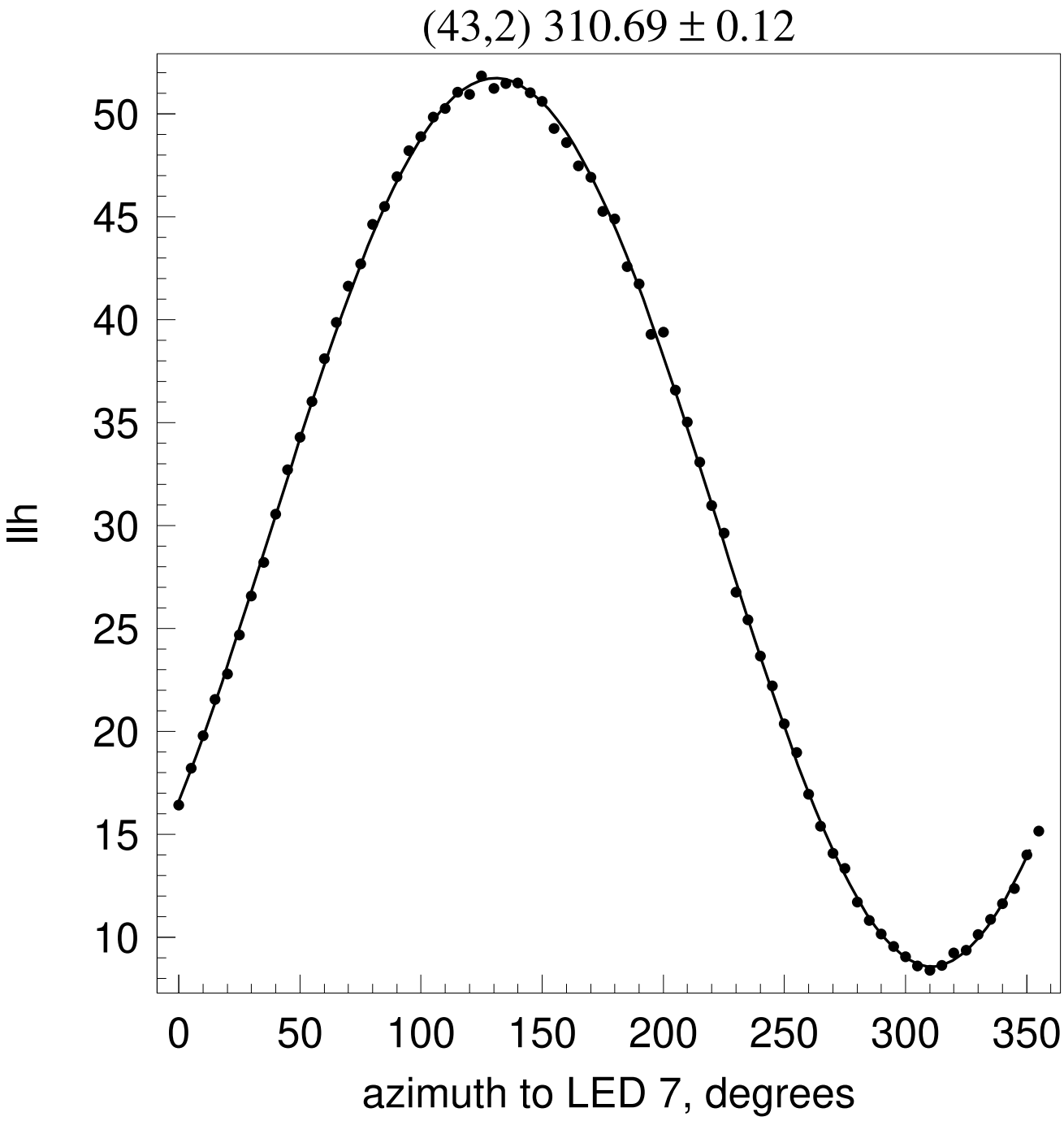

(42,57) 1.90 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

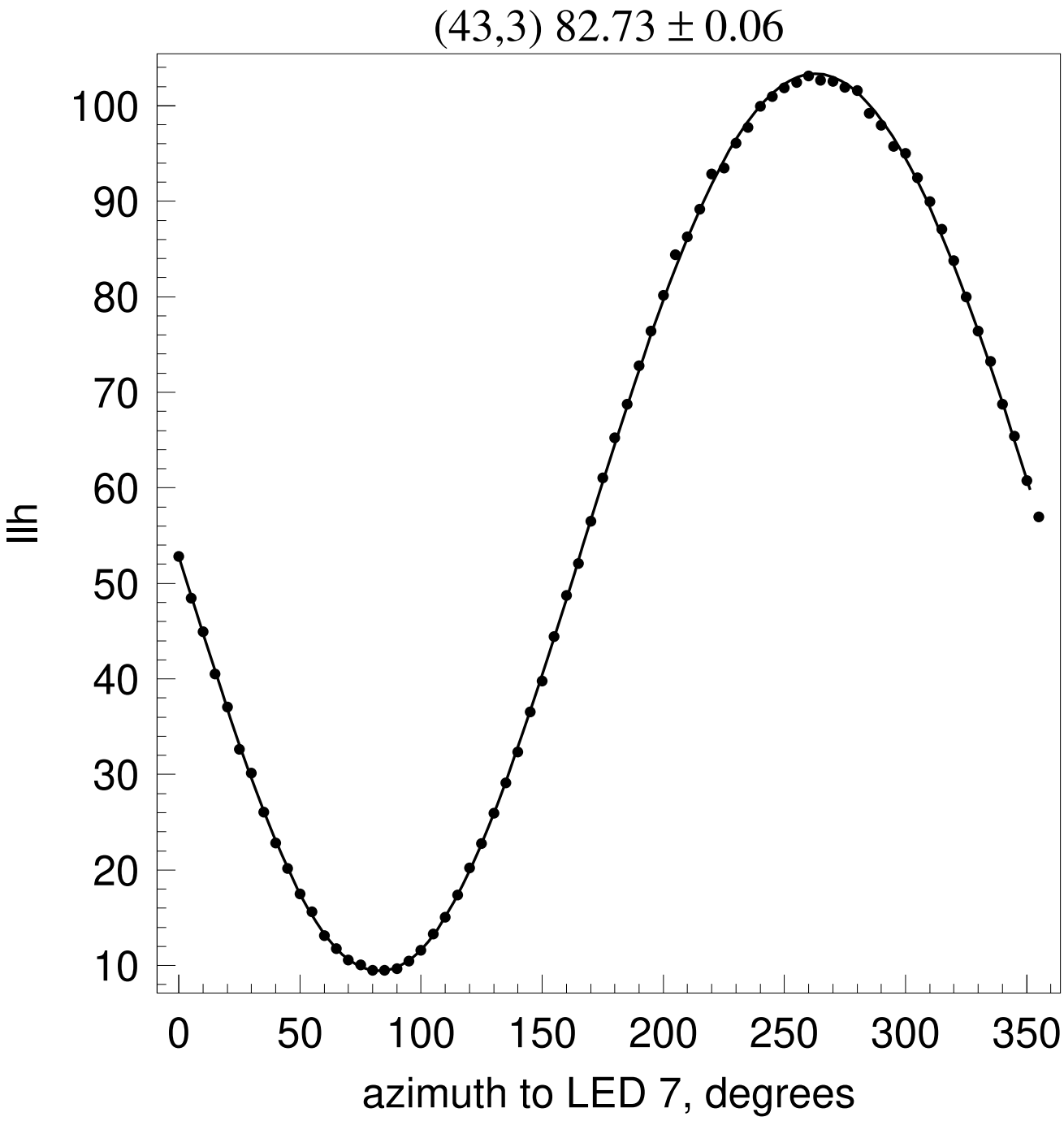

(42,58) 201.92 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

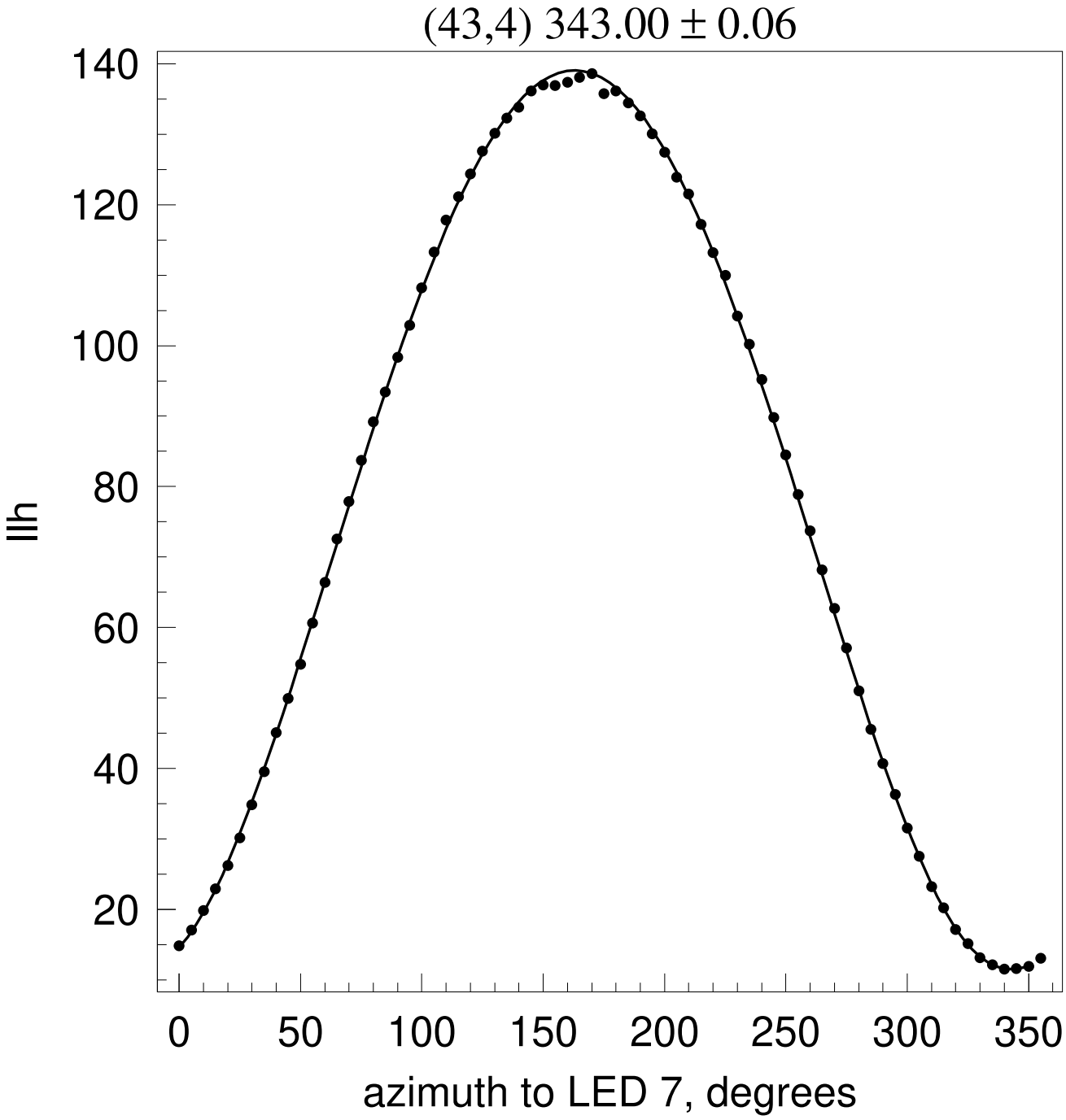

(42,59) 87.01 ± 1.87
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

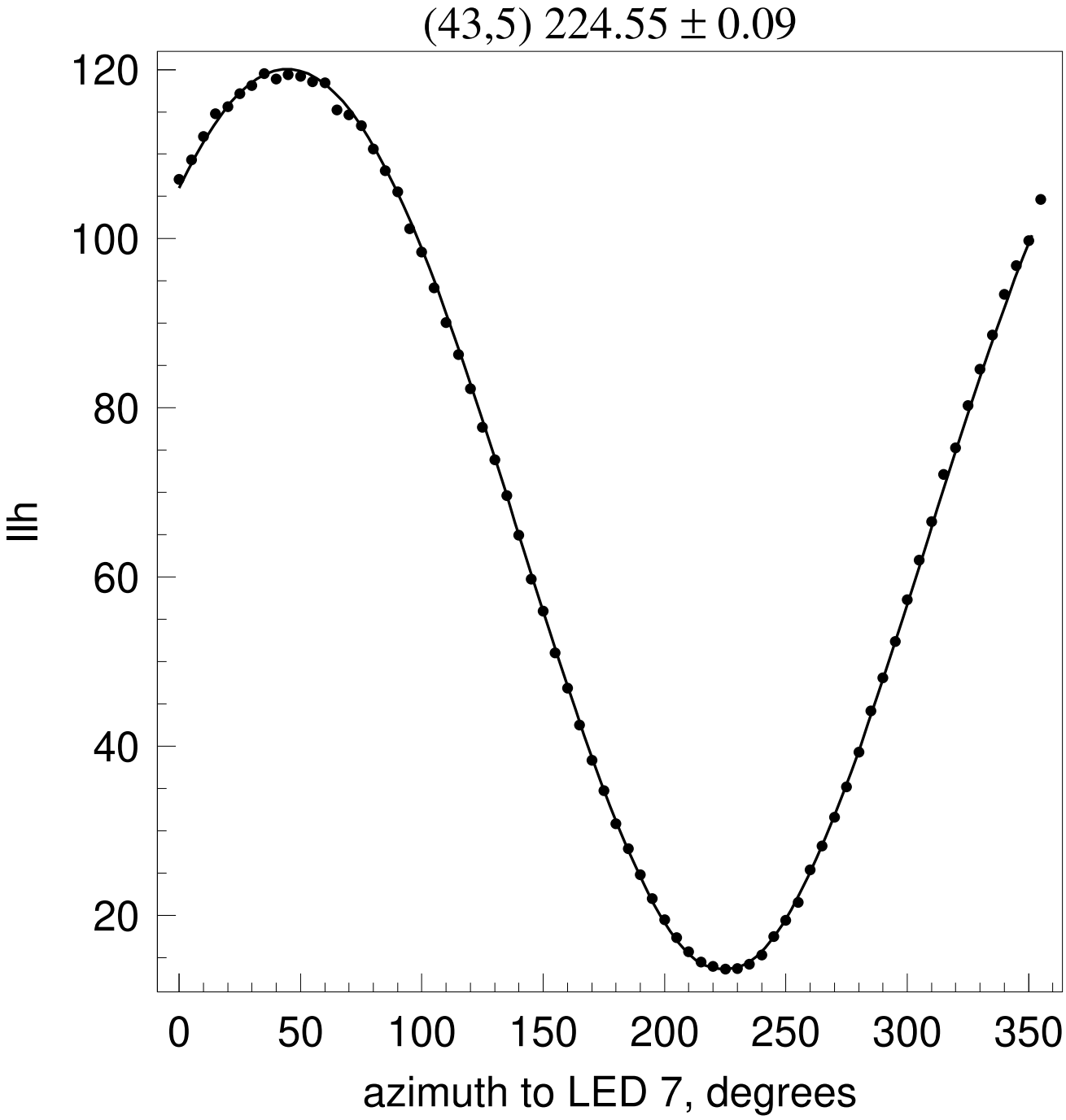

(42,60) 171.31 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

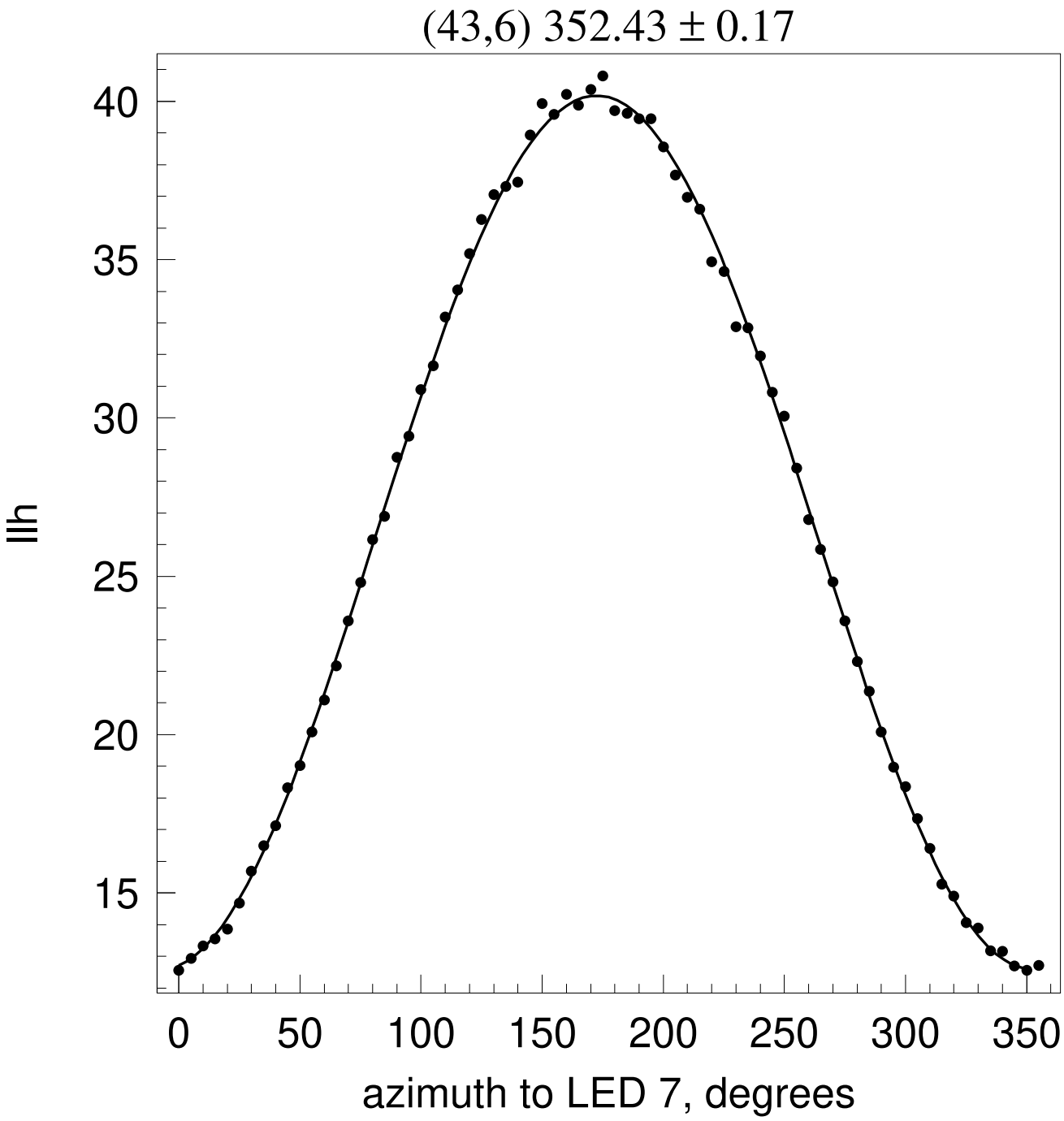

(43,1) 34.41 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

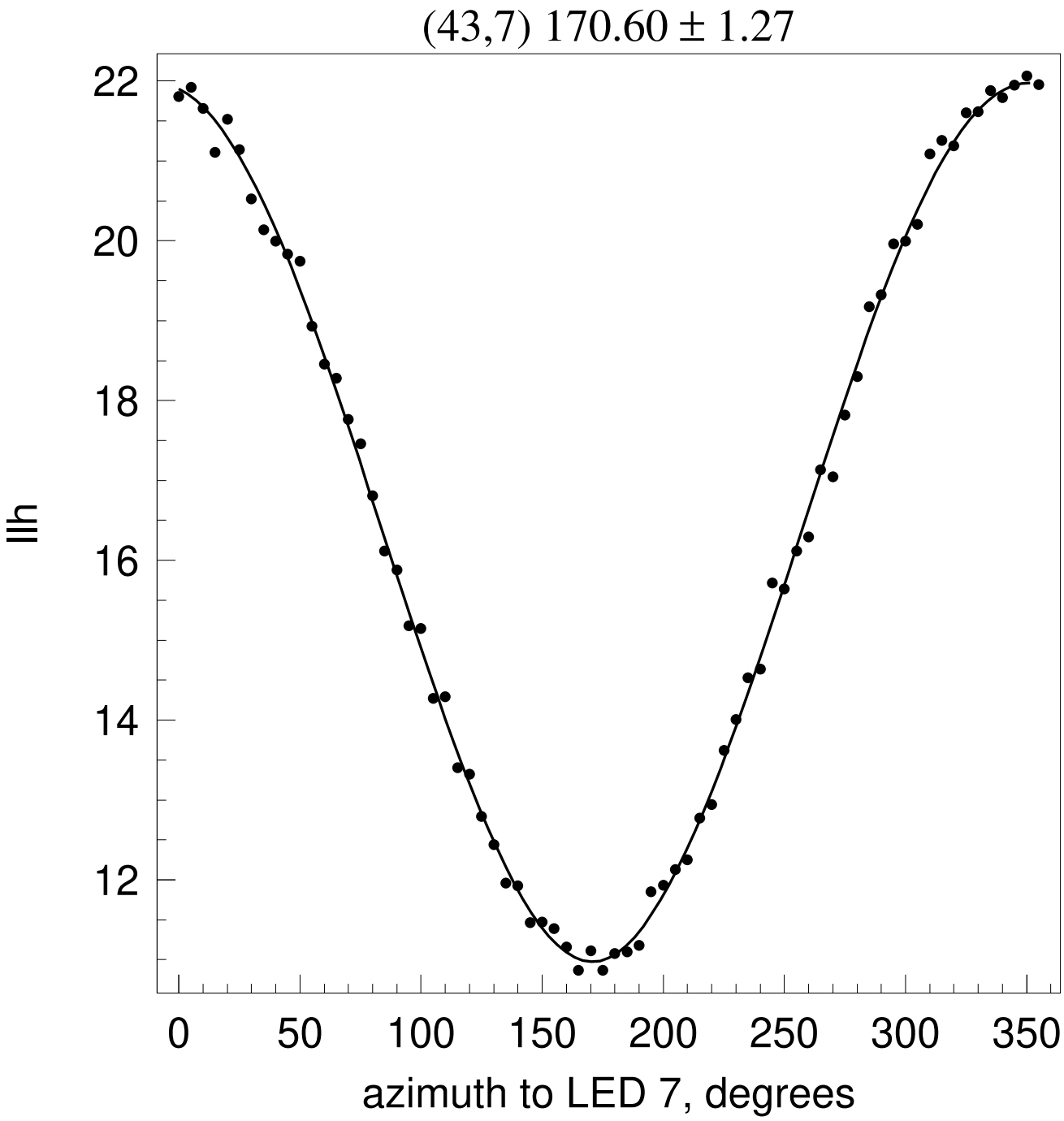

(43,2) 310.69 ± 0.12
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

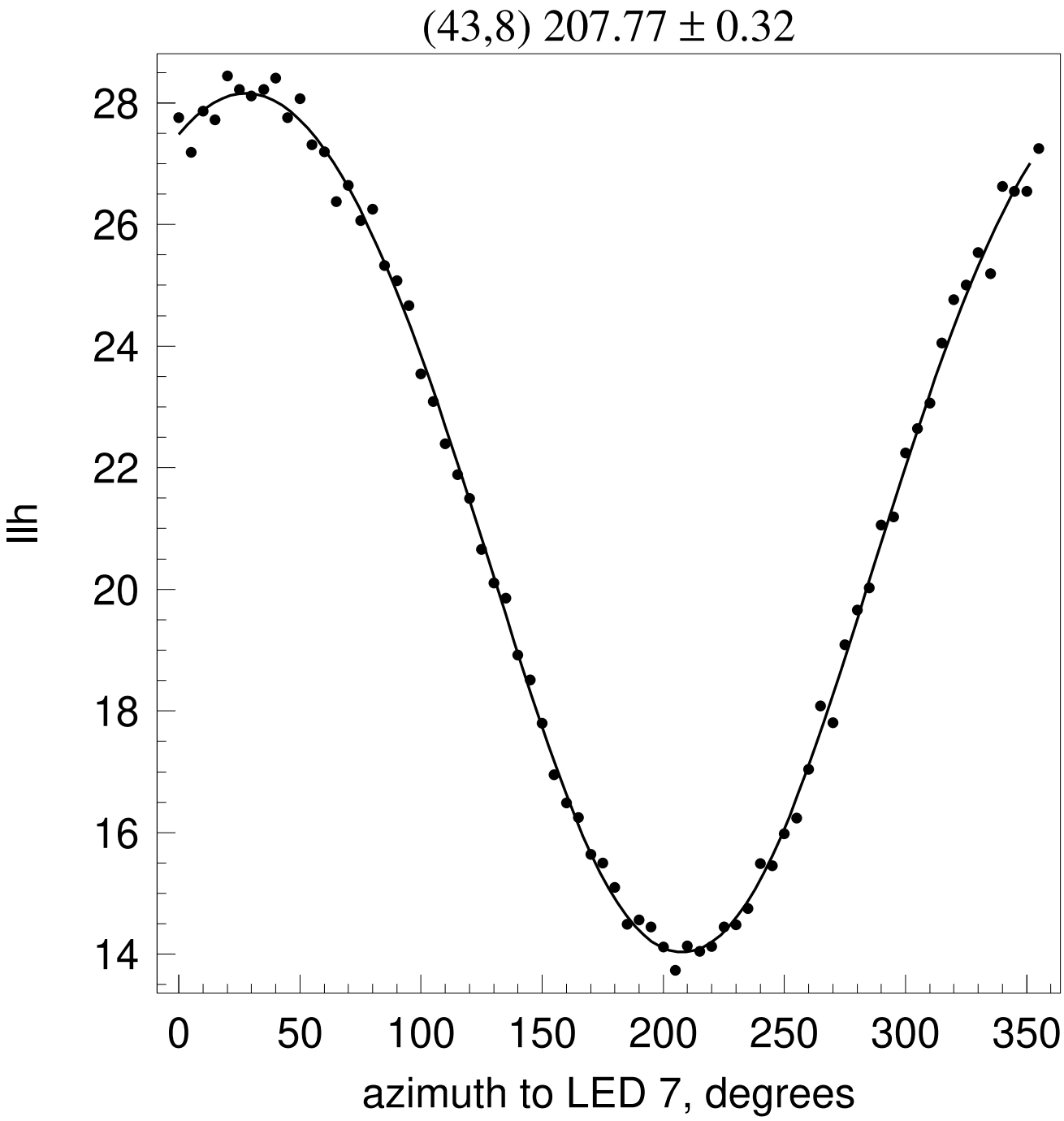

(43,3) 82.73 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

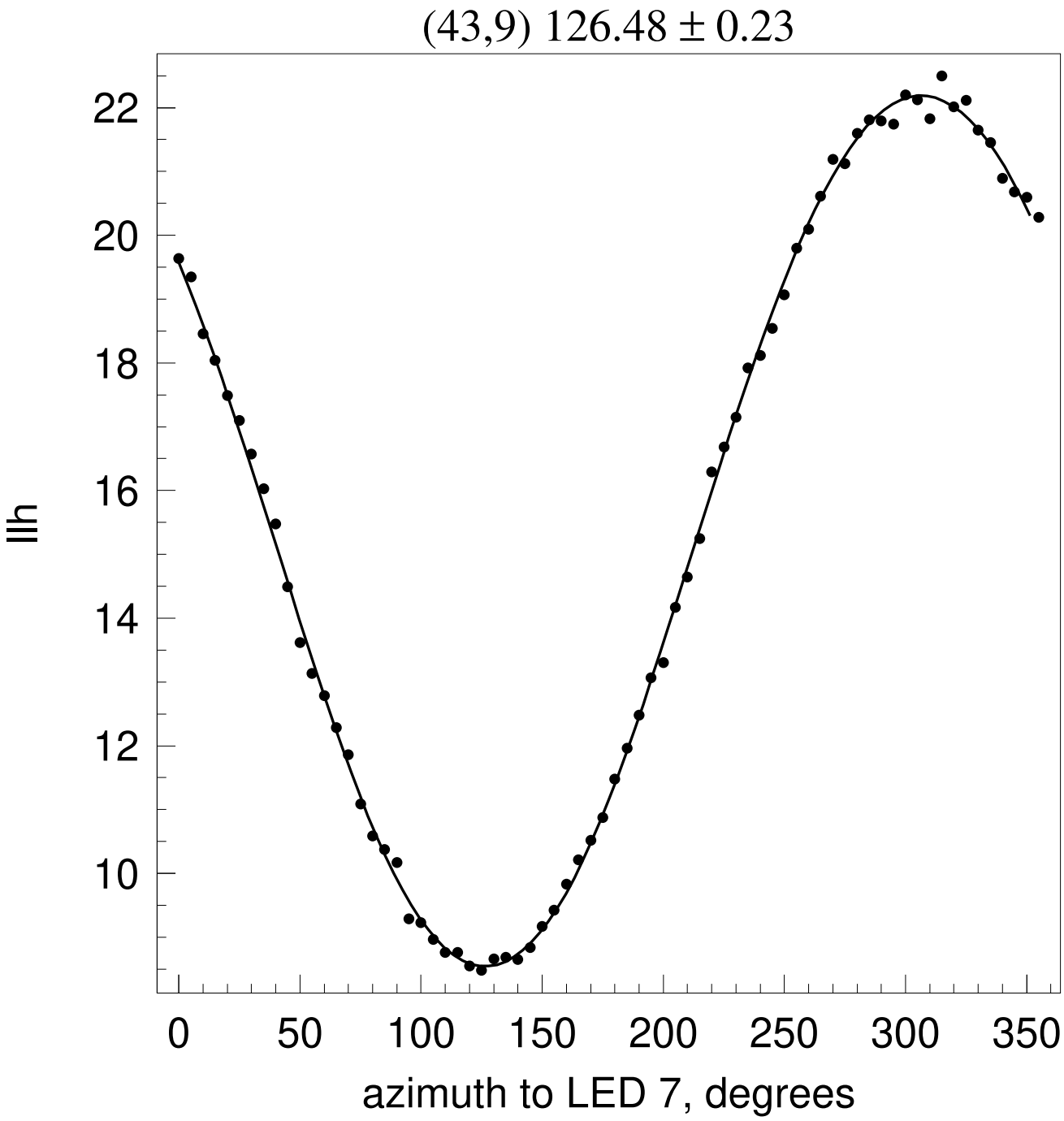

(43,4) 343.00 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

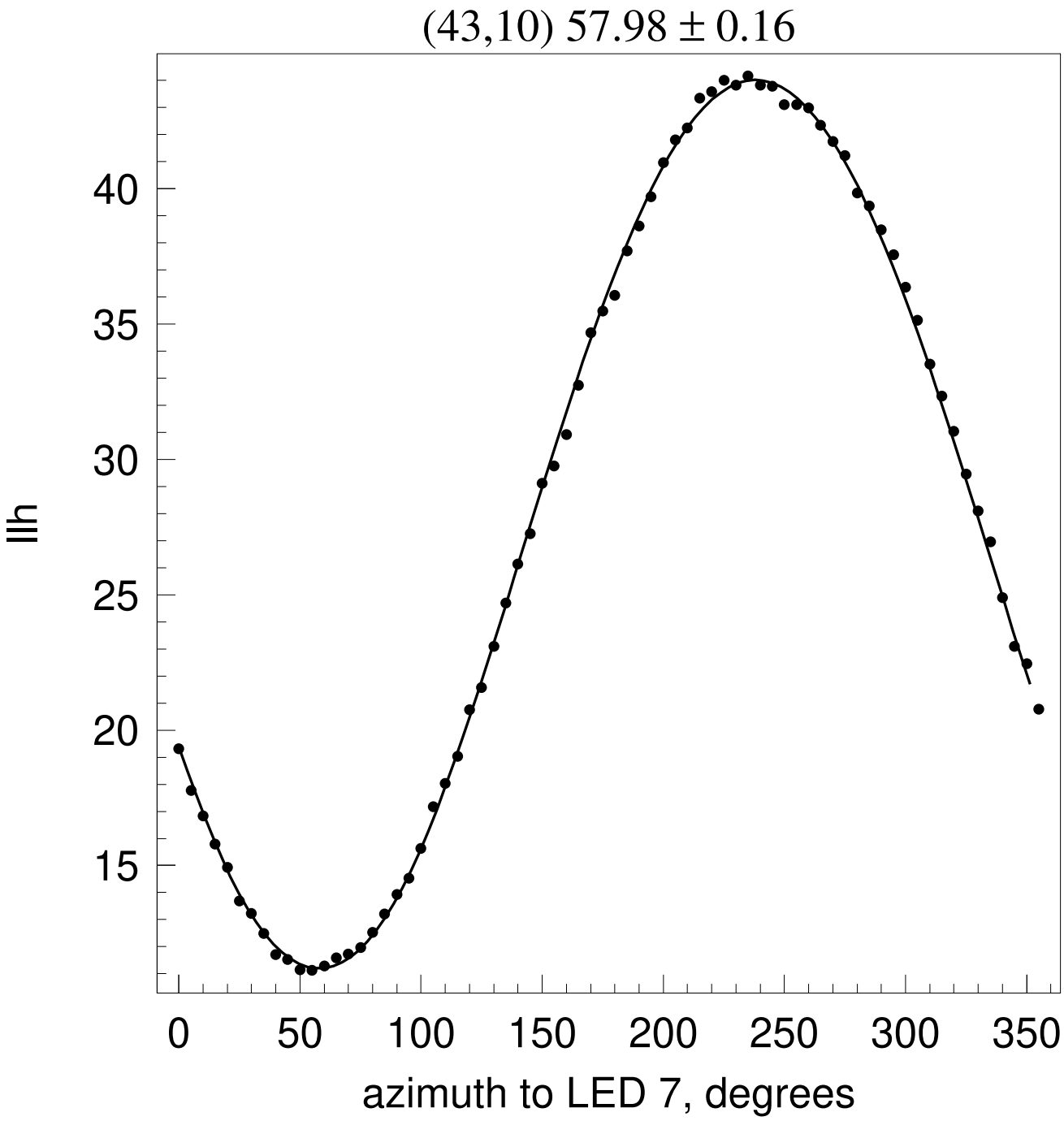

(43,5) 224.55 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

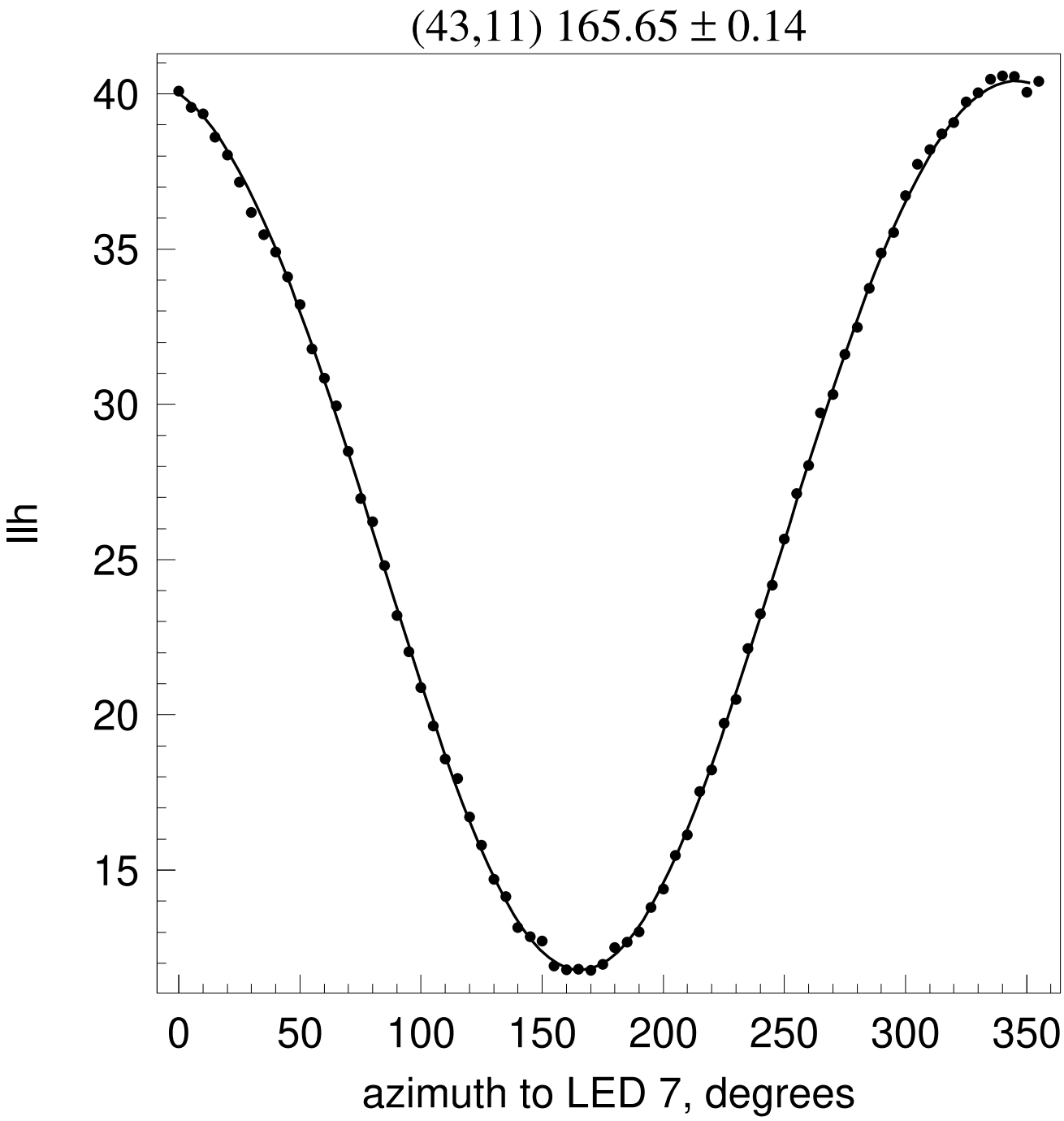

(43,6) 352.43 ± 0.17
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

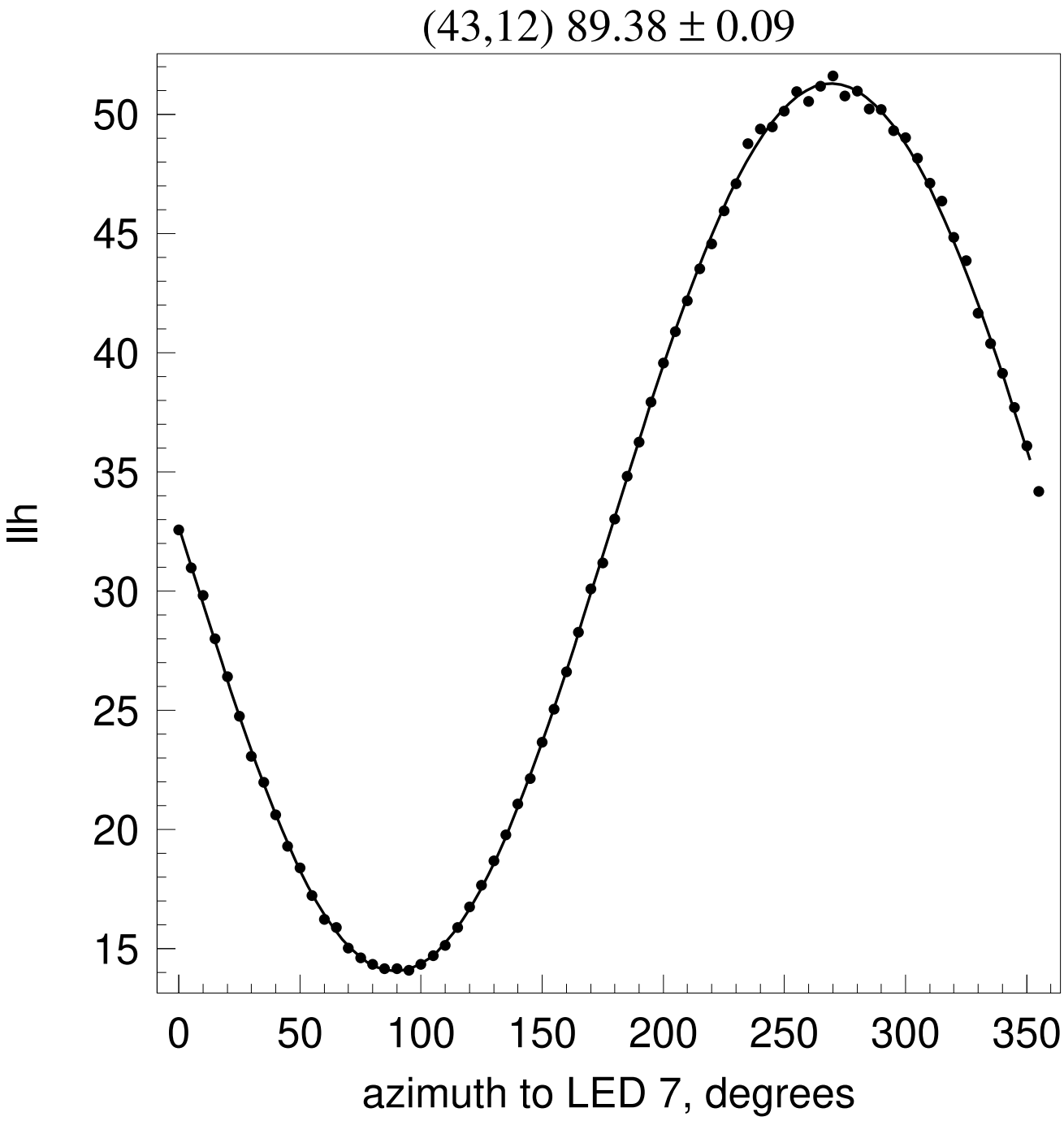

(43,7) 170.60 ± 1.27
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

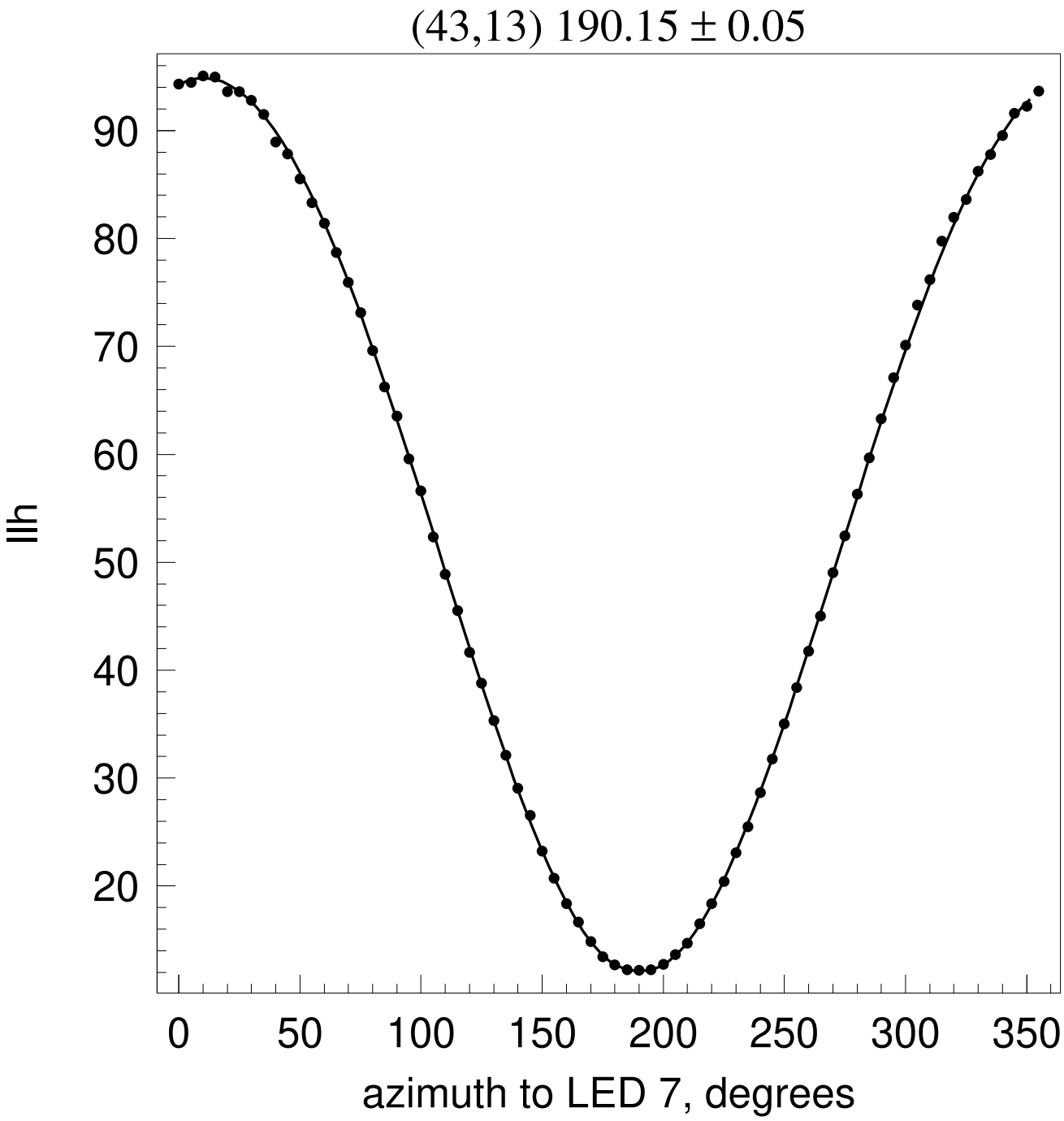

(43,8) 207.77 ± 0.32
28
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

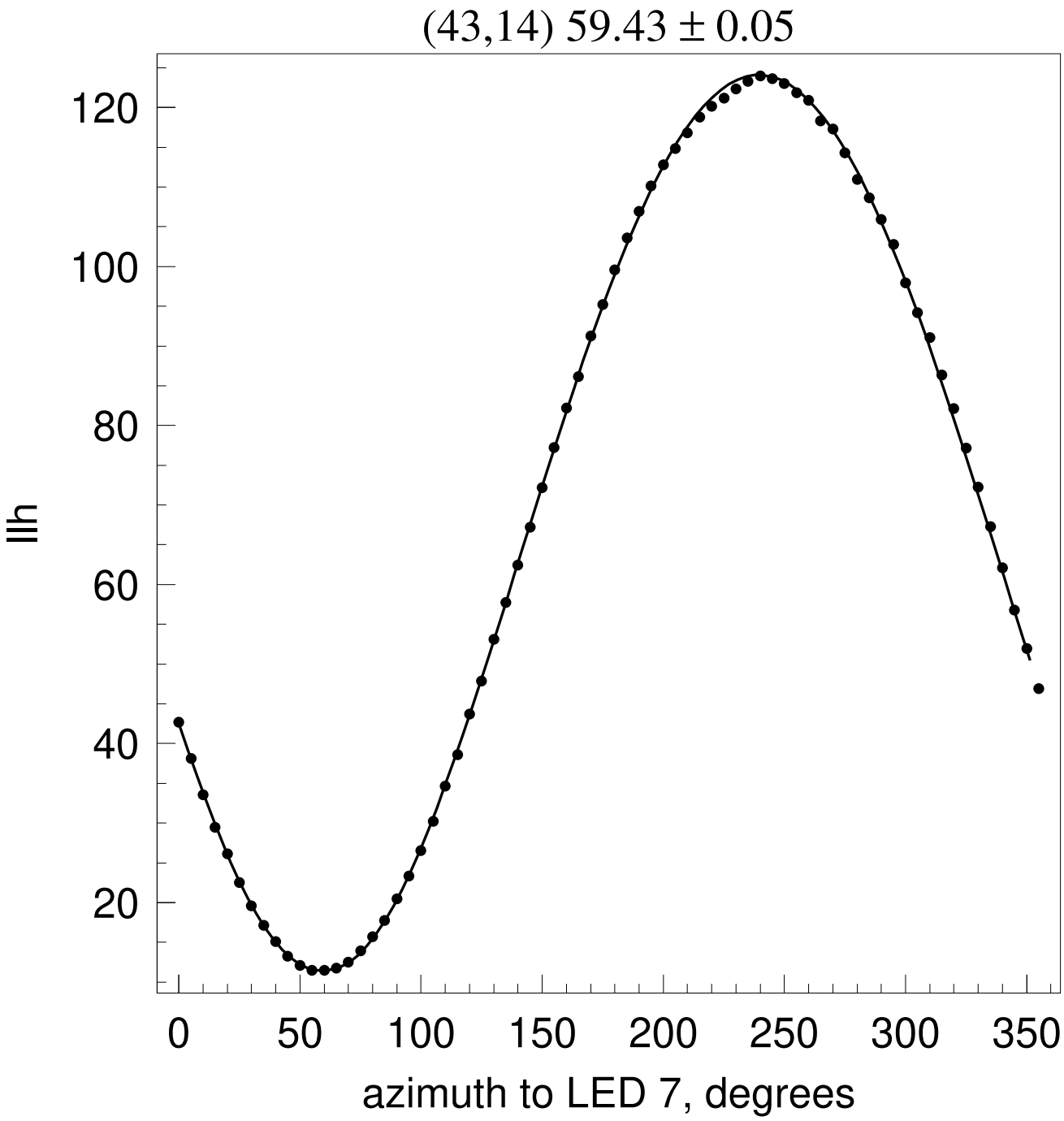

(43,9) 126.48 ± 0.23
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

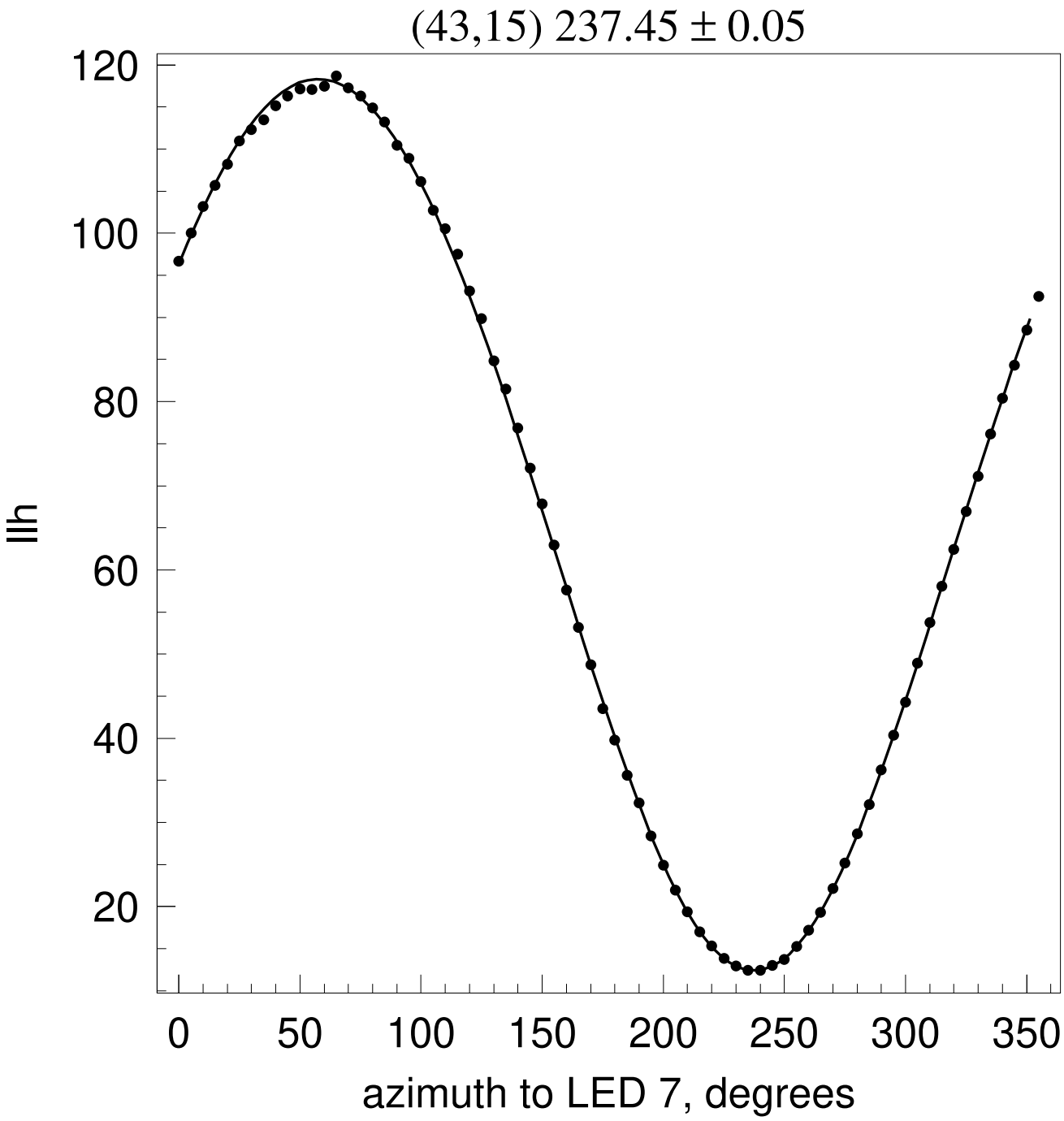

(43,10) 57.98 ± 0.16
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

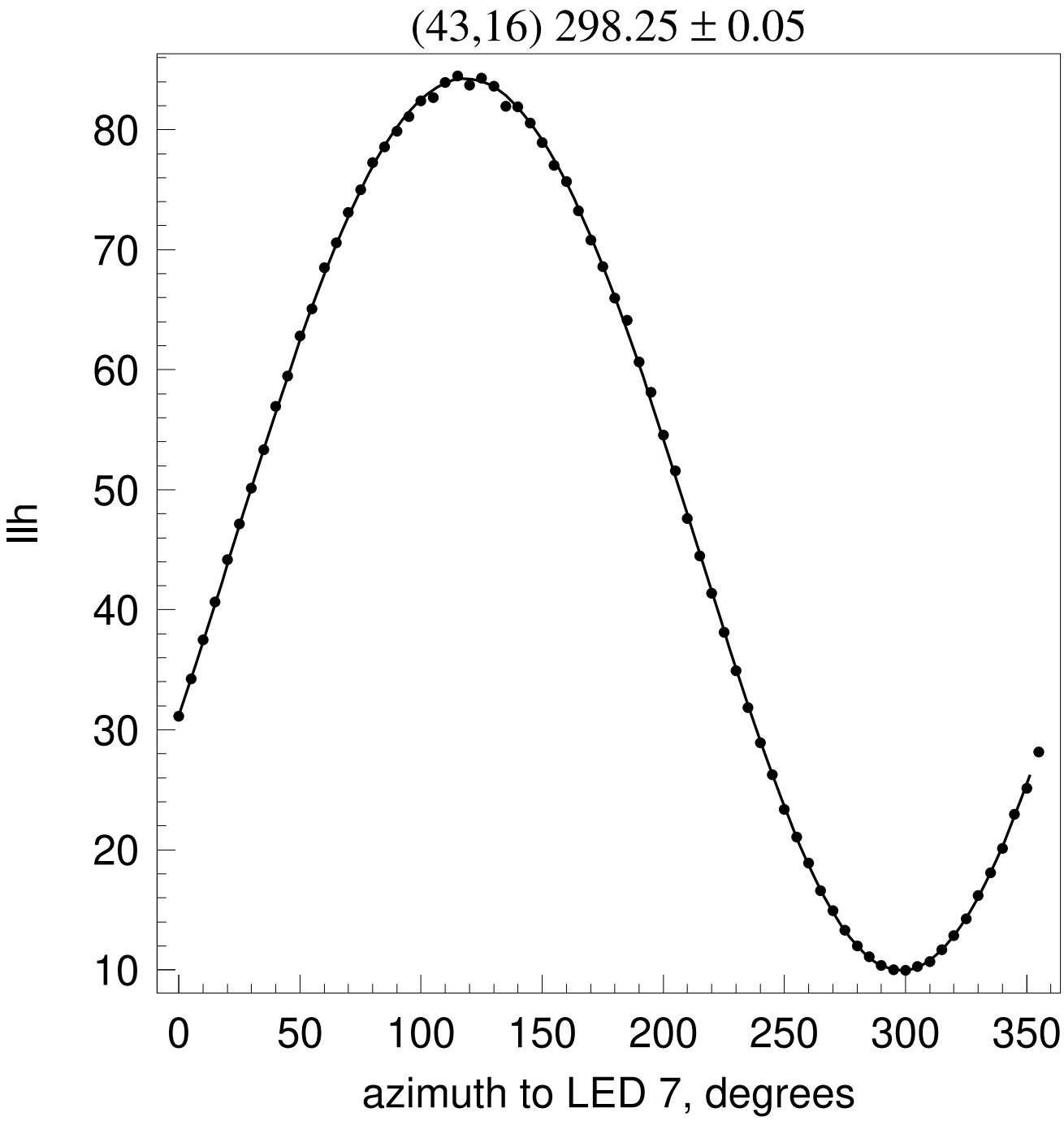

(43,11) 165.65 ± 0.14
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

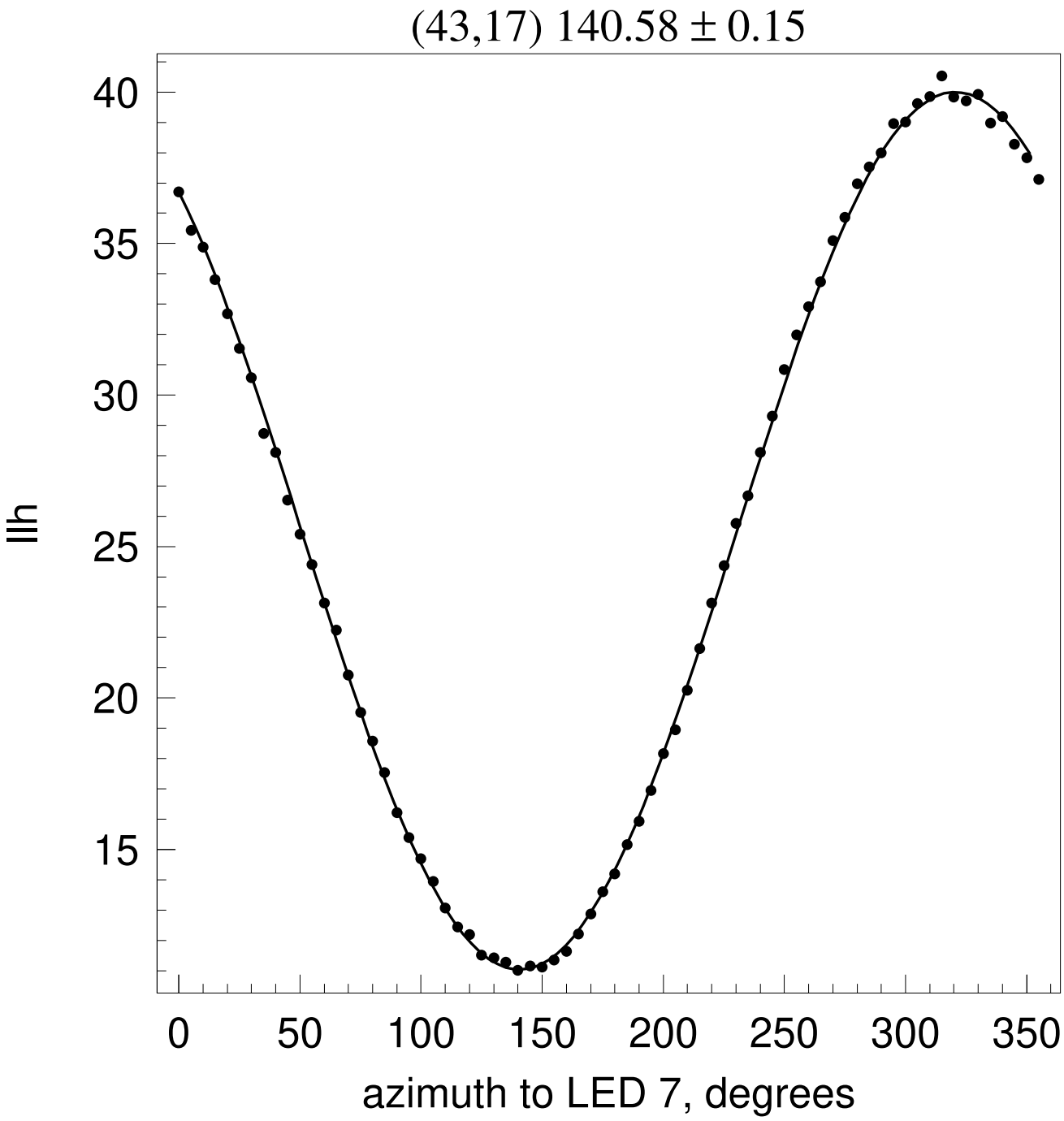

(43,12) 89.38 ± 0.09
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

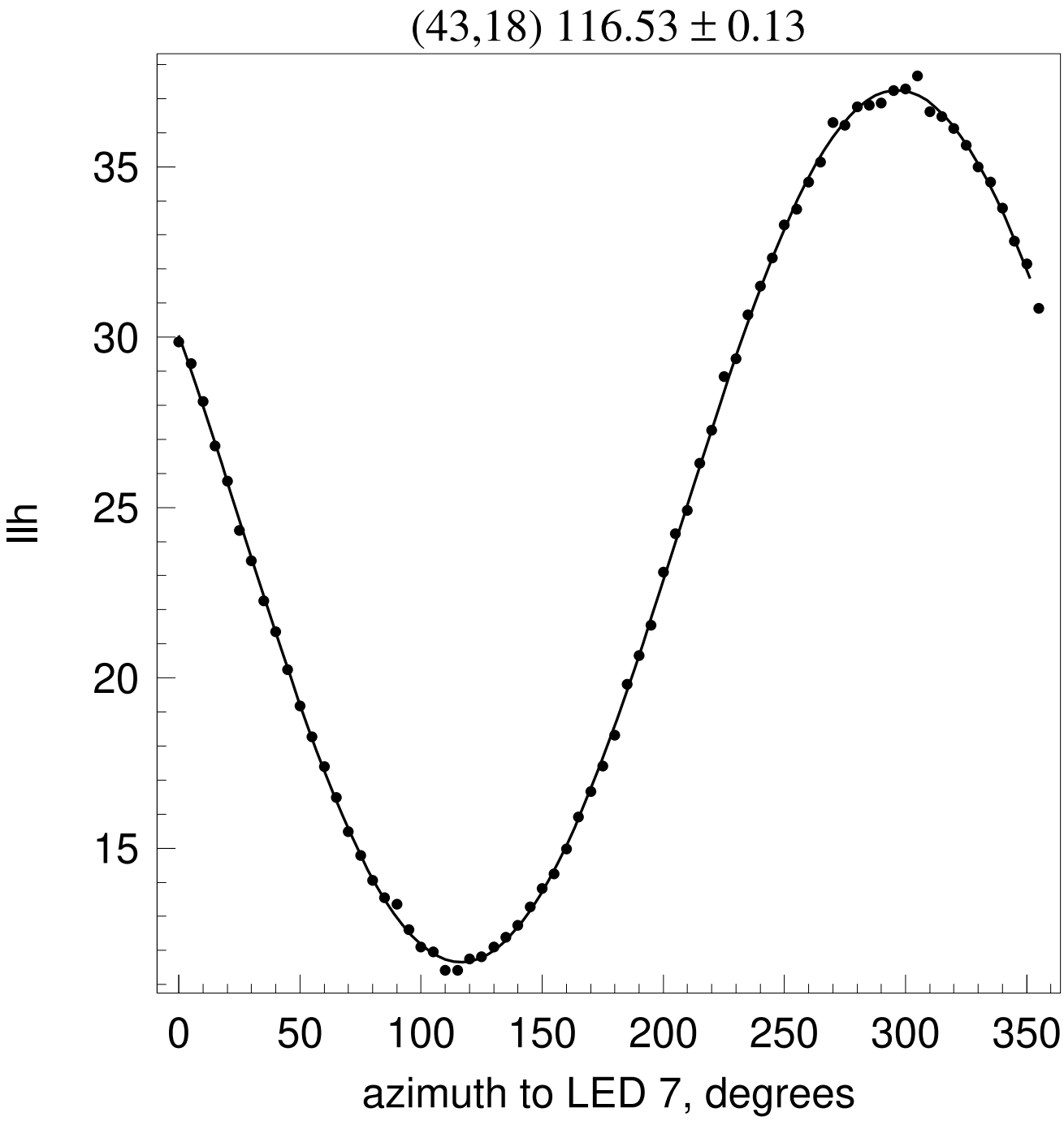

(43,13) 190.15 ± 0.05
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

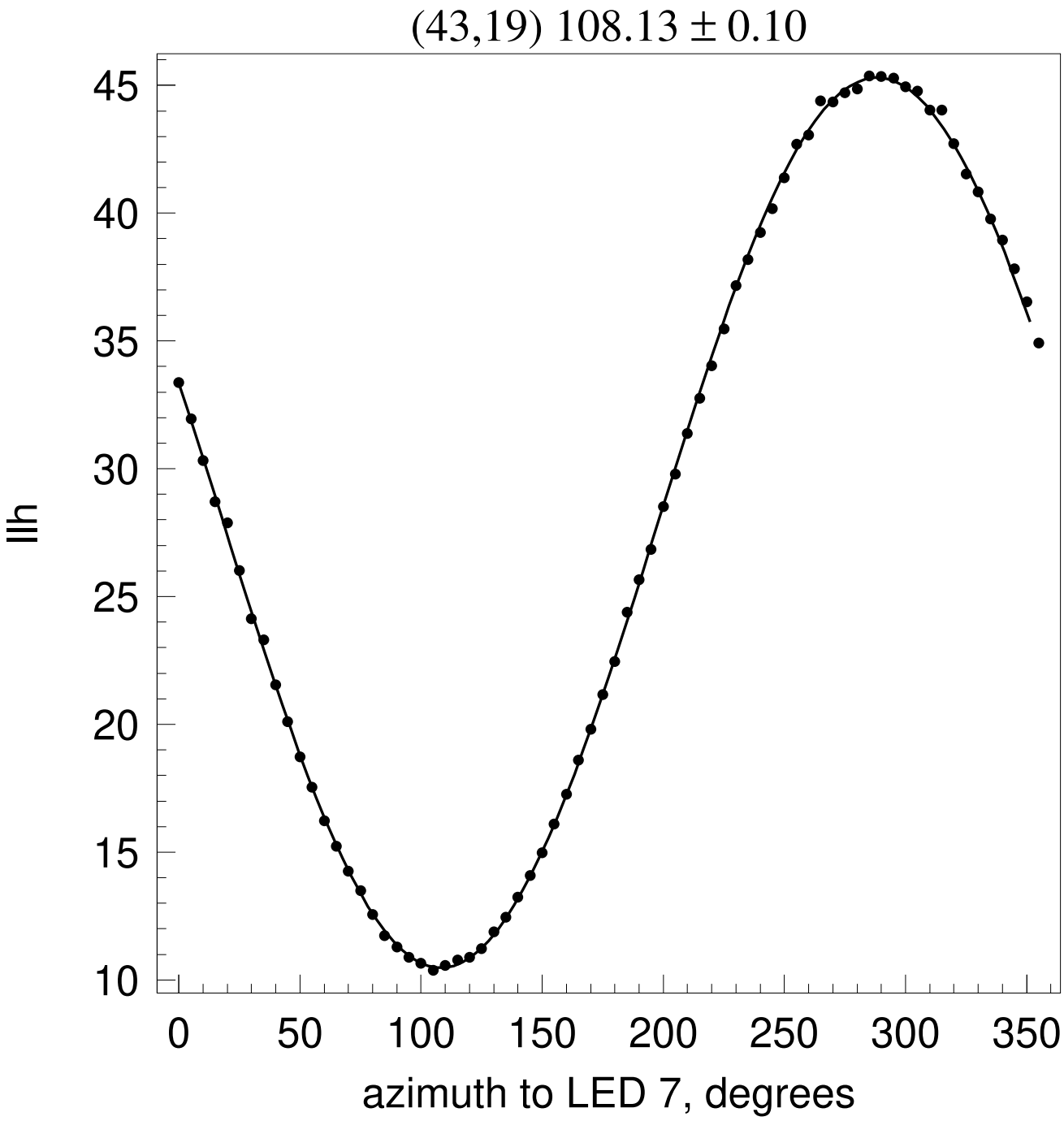

(43,14) 59.43 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

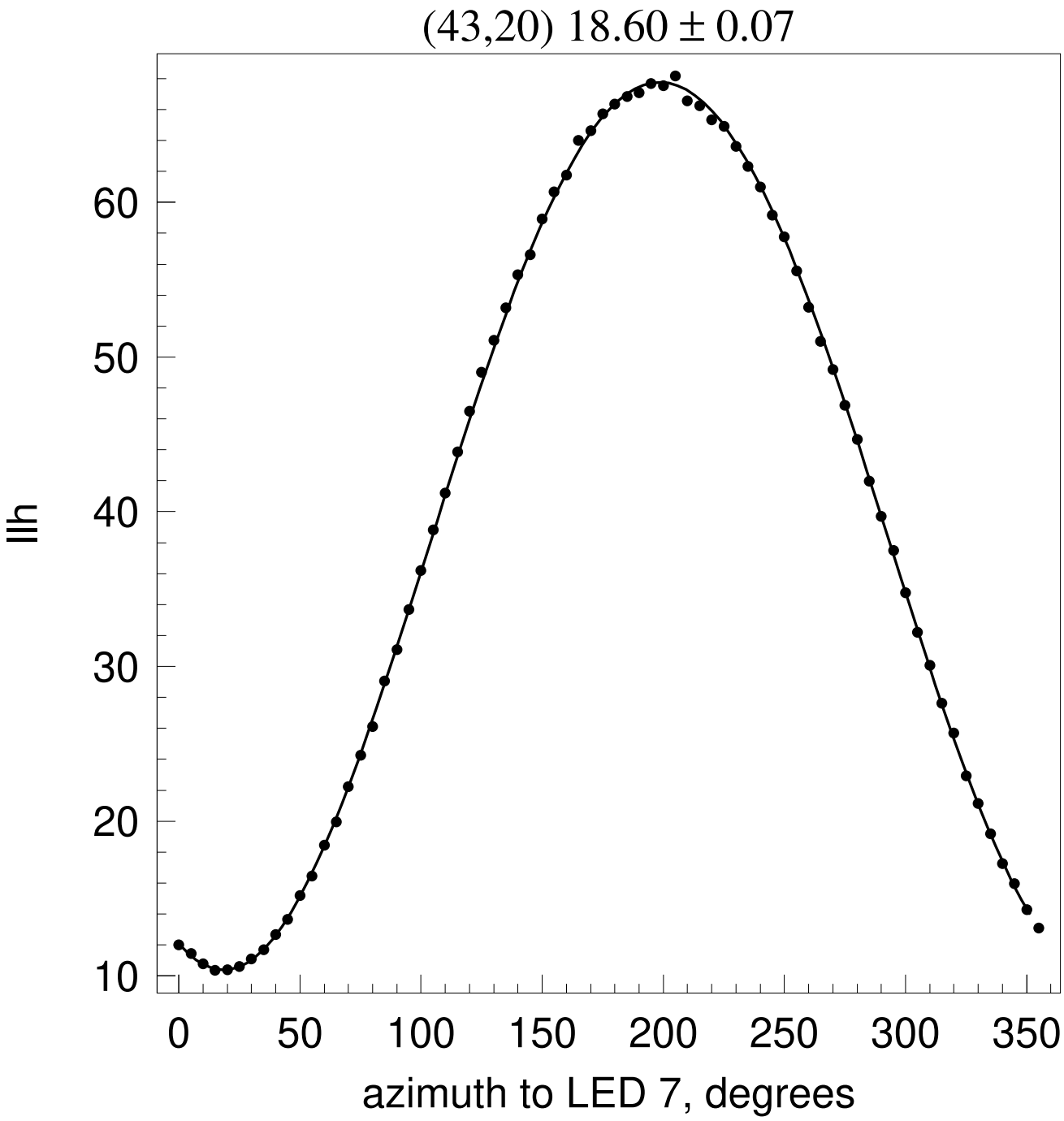

(43,15) 237.45 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

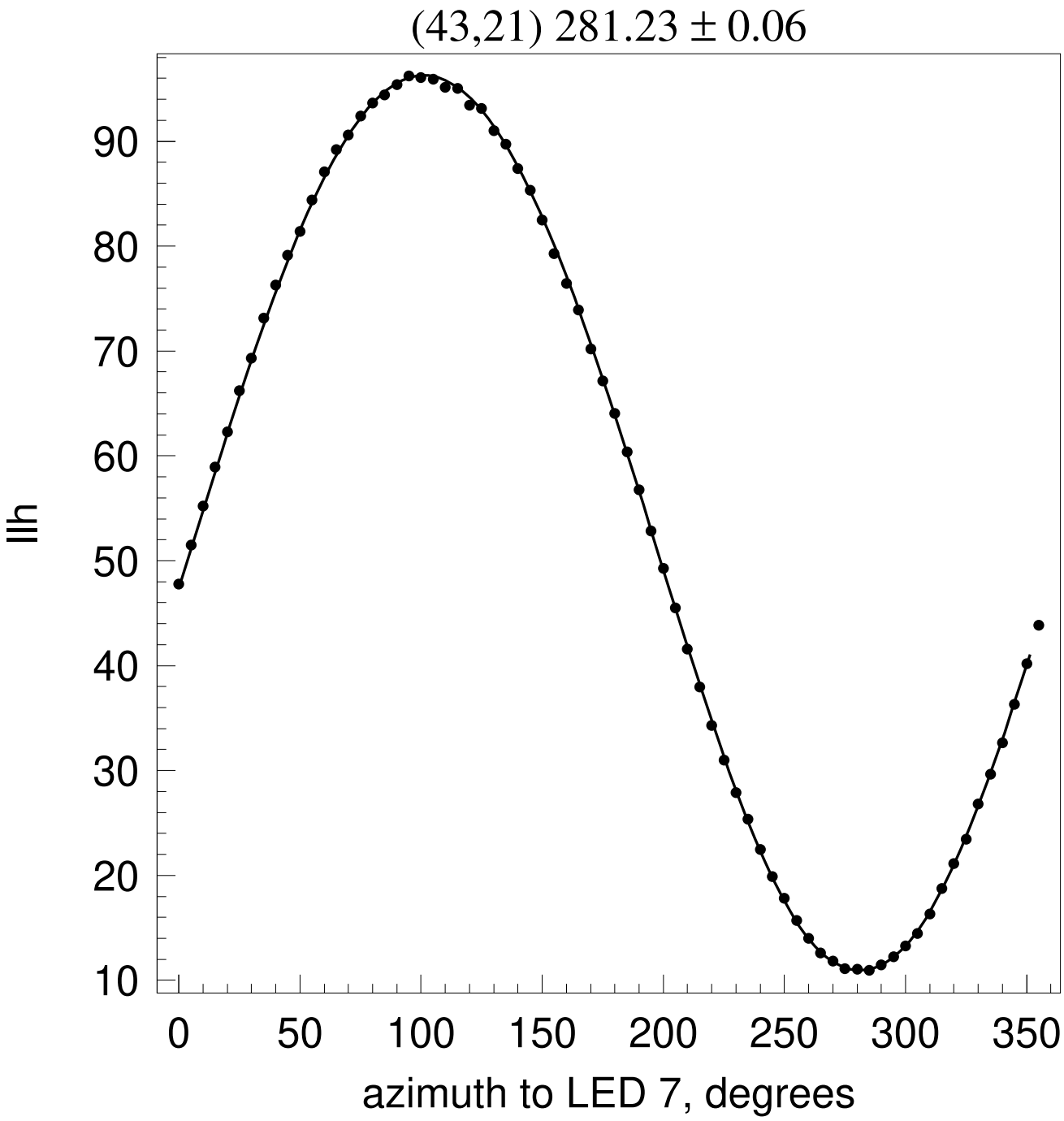

(43,16) 298.25 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

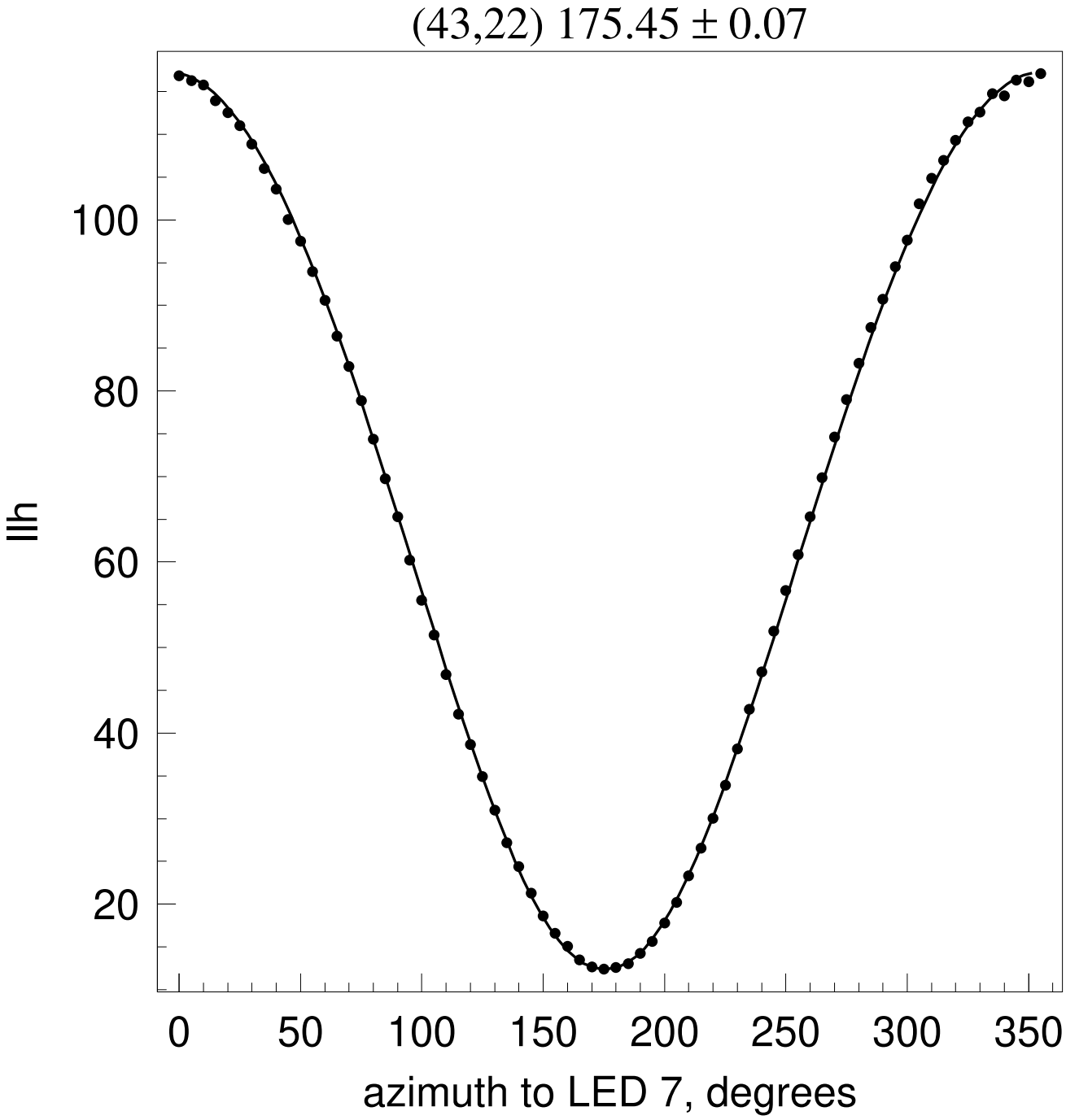

(43,17) 140.58 ± 0.15
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

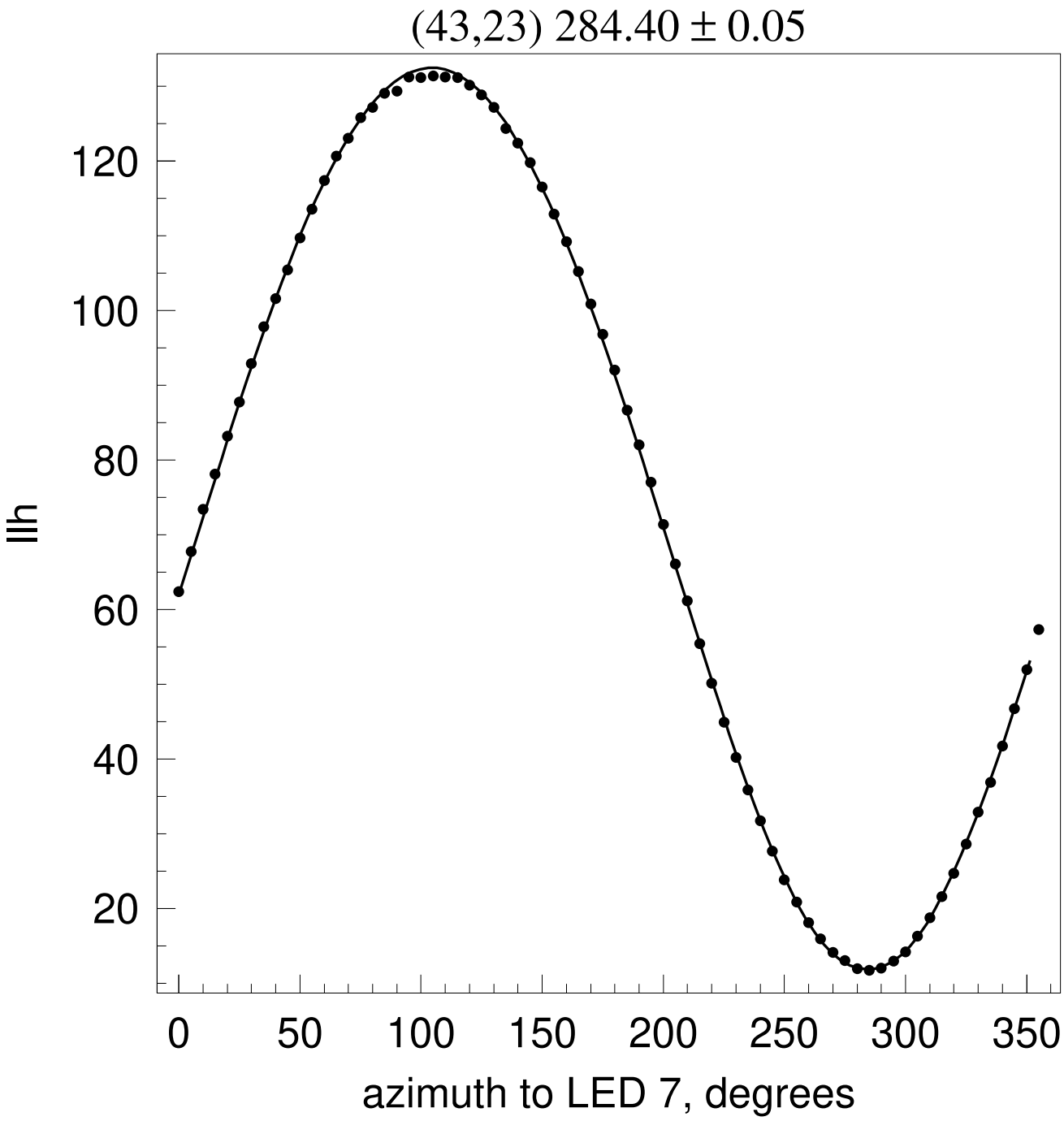

(43,18) 116.53 ± 0.13
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

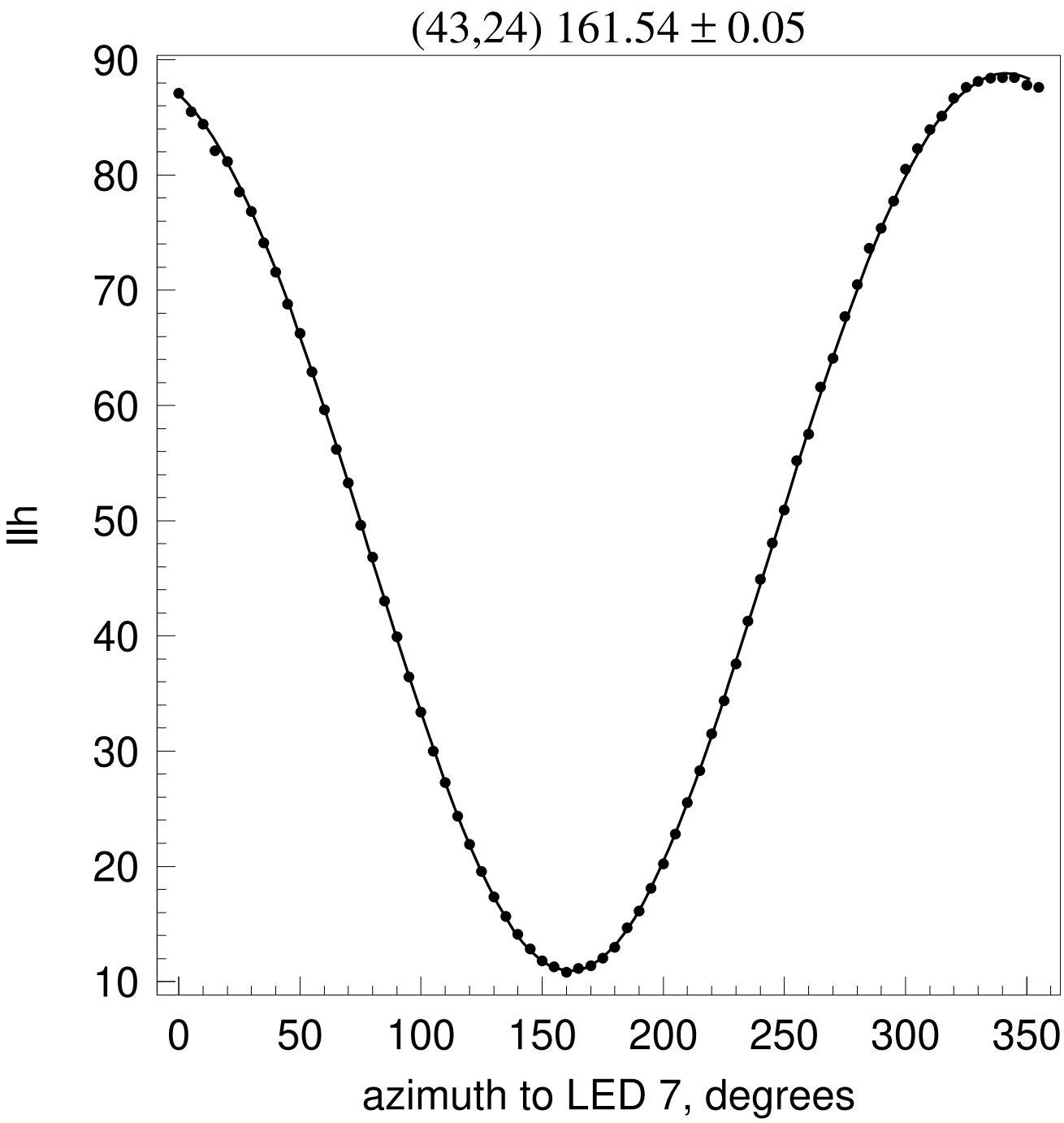

(43,19) 108.13 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

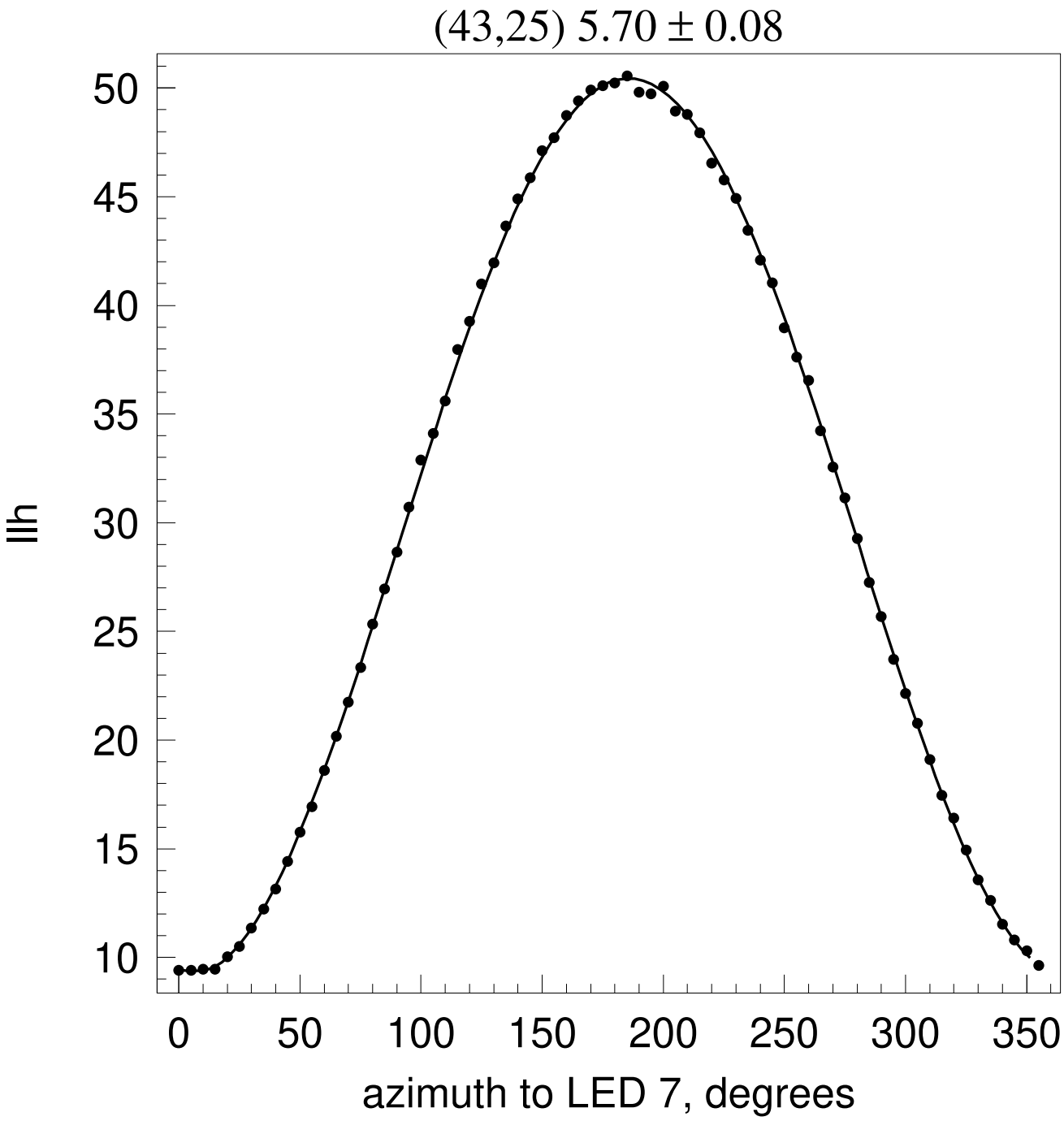

(43,20) 18.60 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

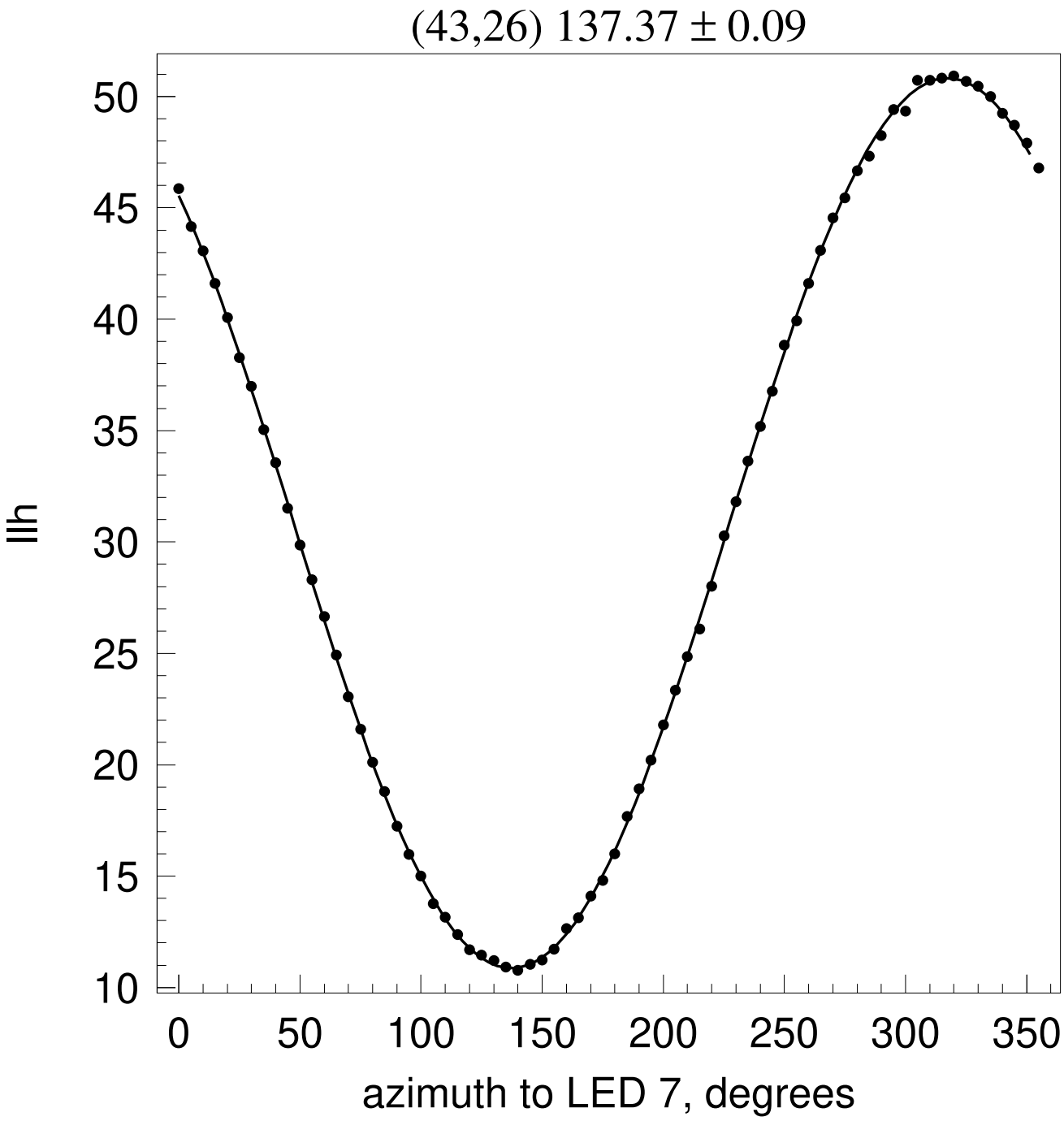

(43,21) 281.23 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

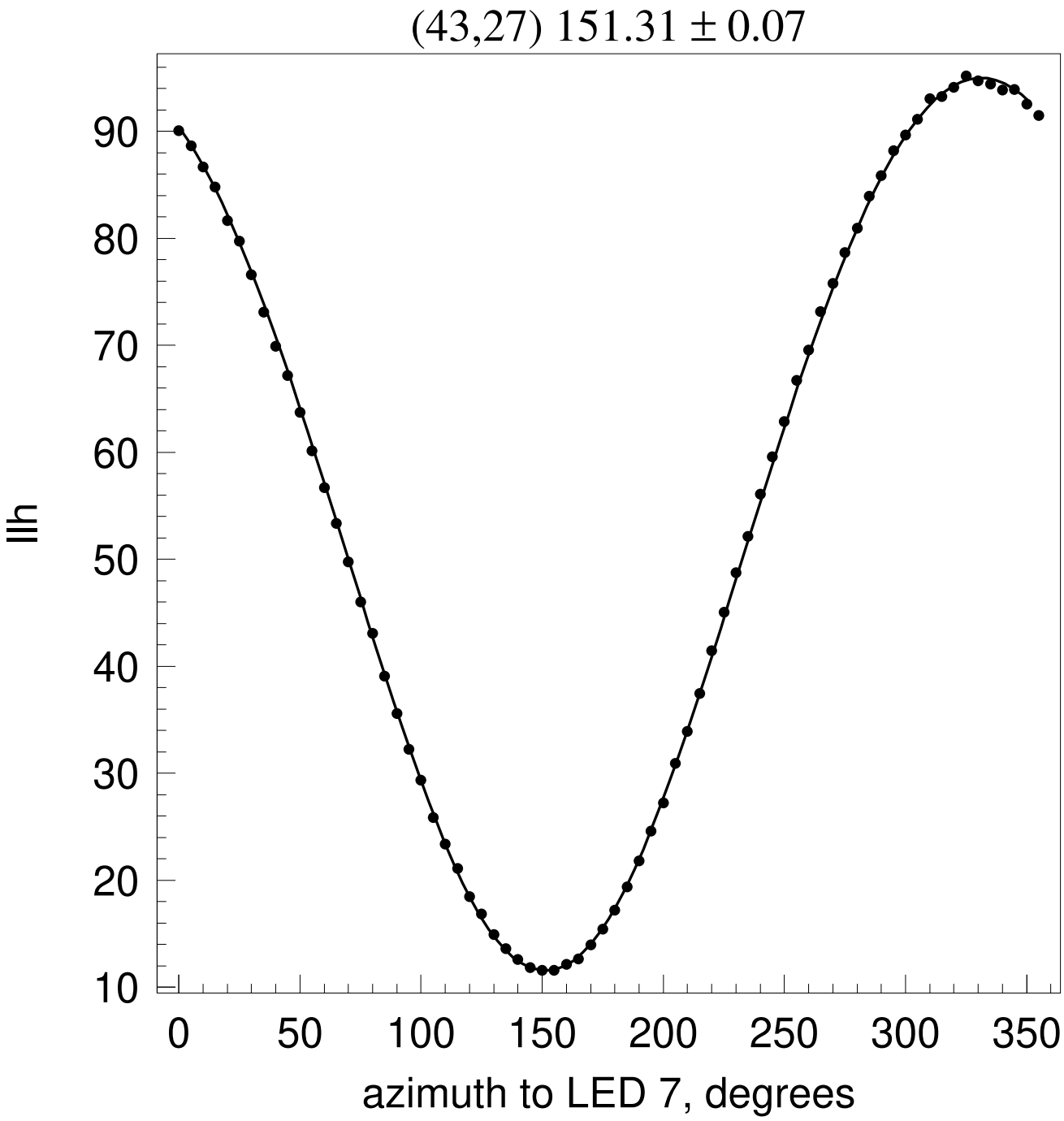

(43,22) 175.45 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

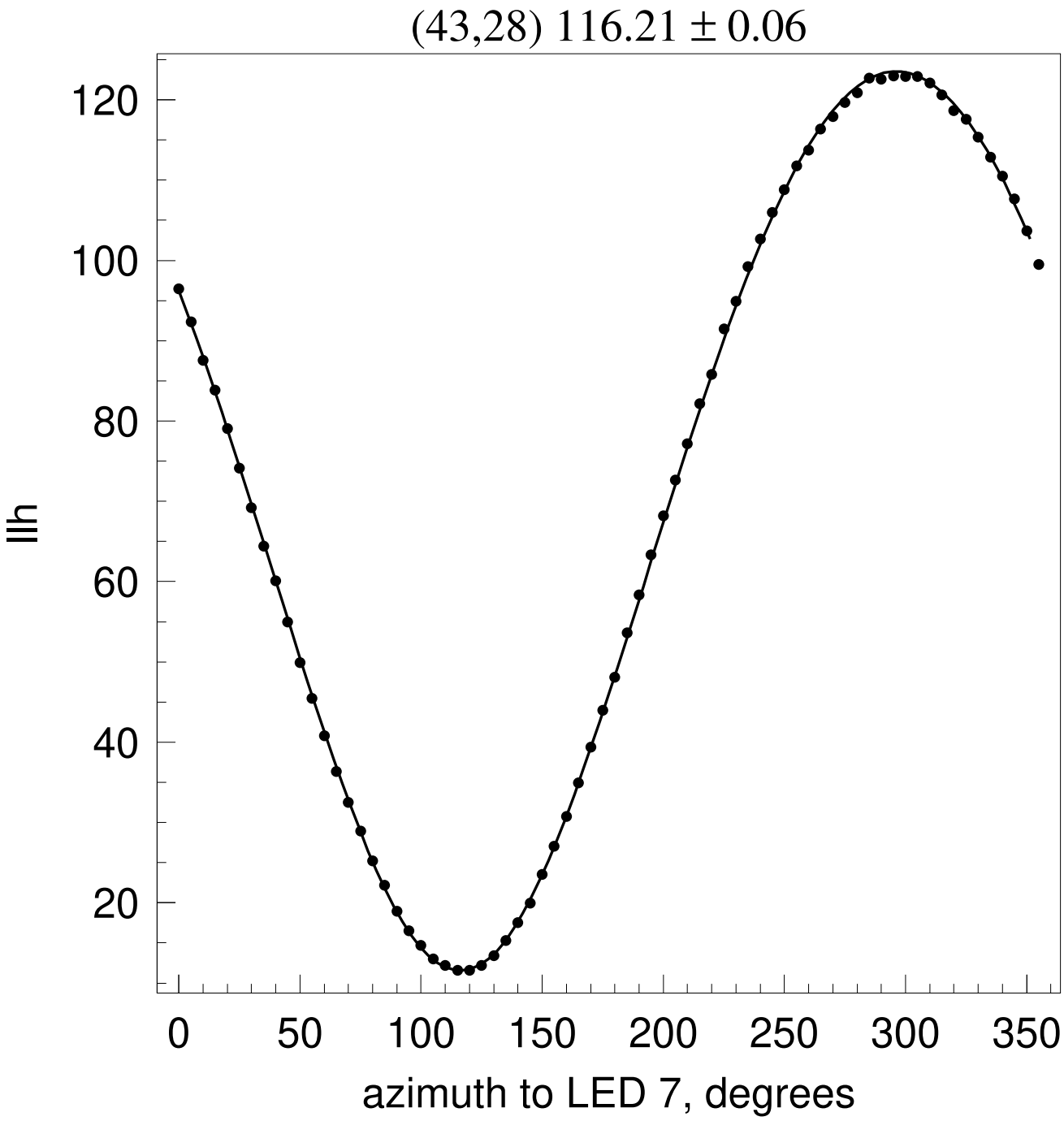

(43,23) 284.40 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

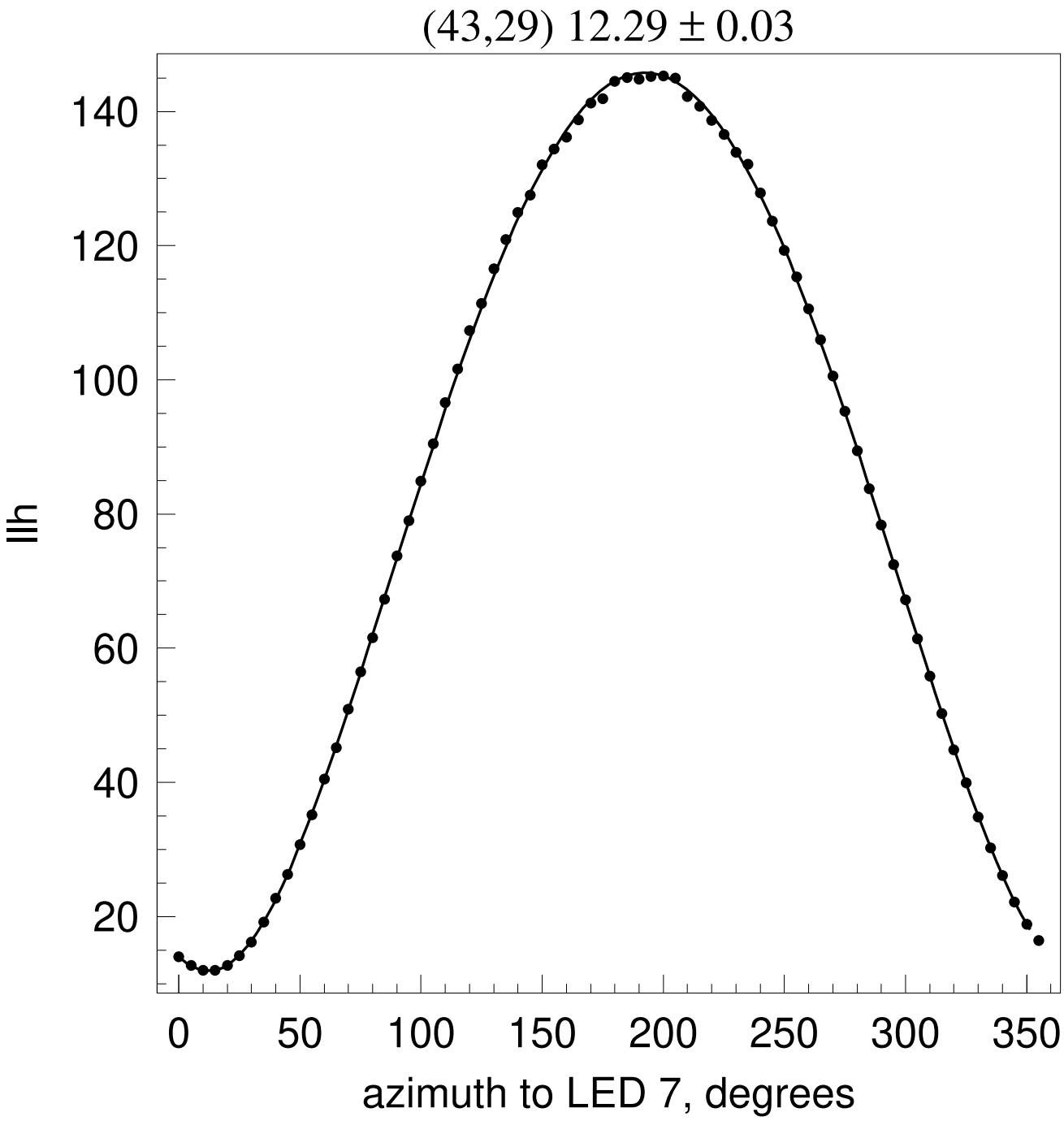

(43,24) 161.54 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

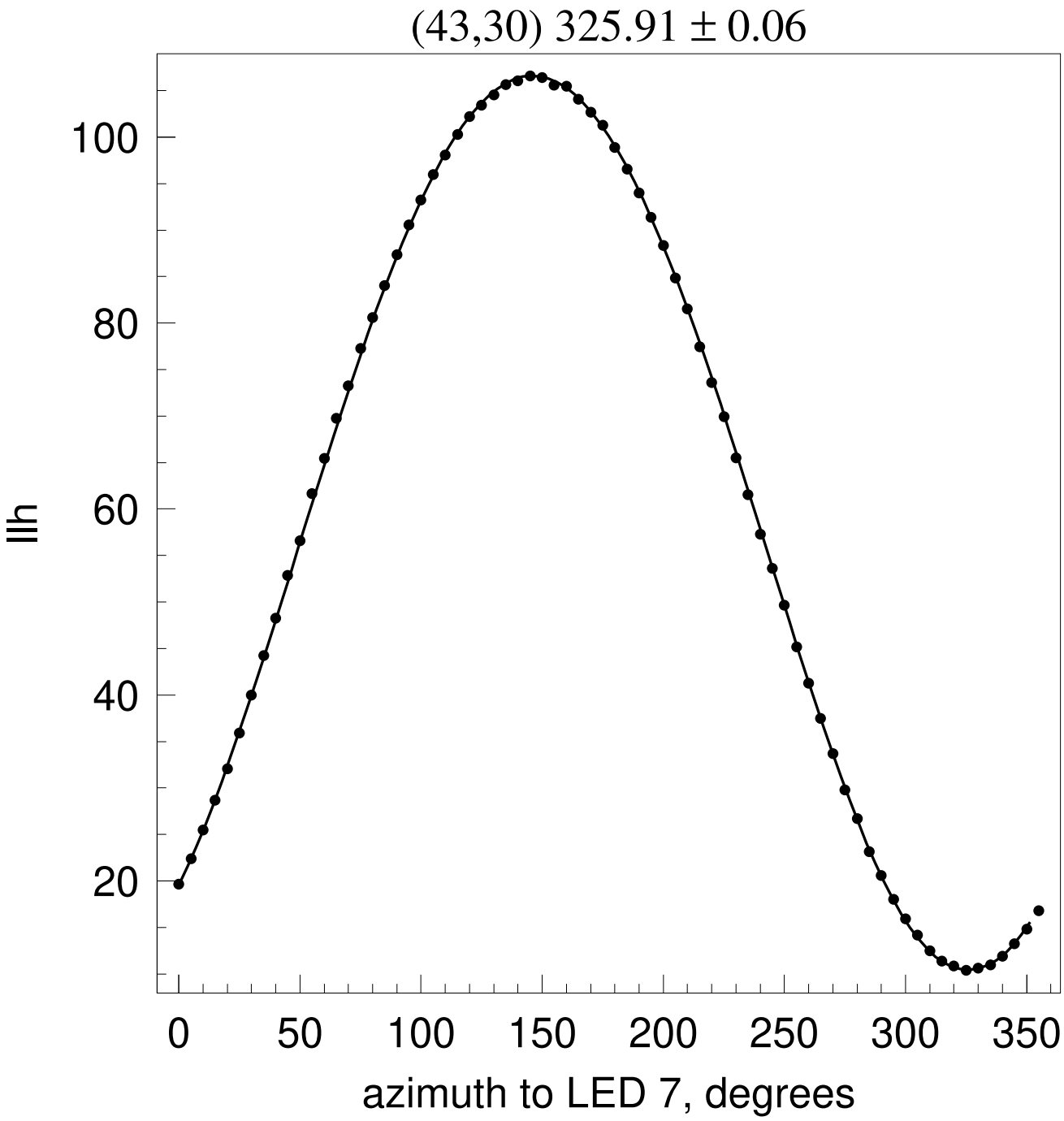

(43,25) 5.70 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

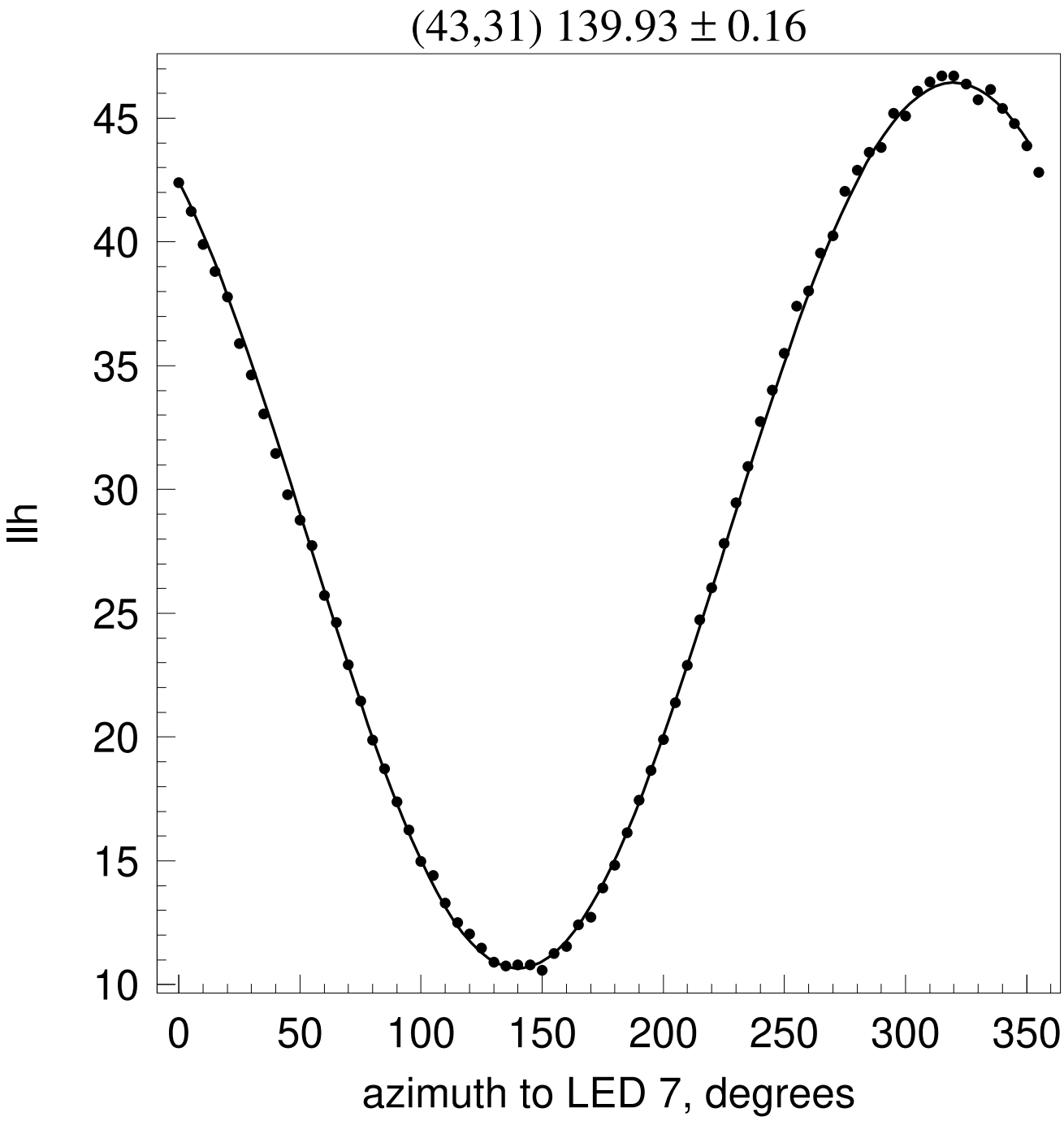

(43,26) 137.37 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

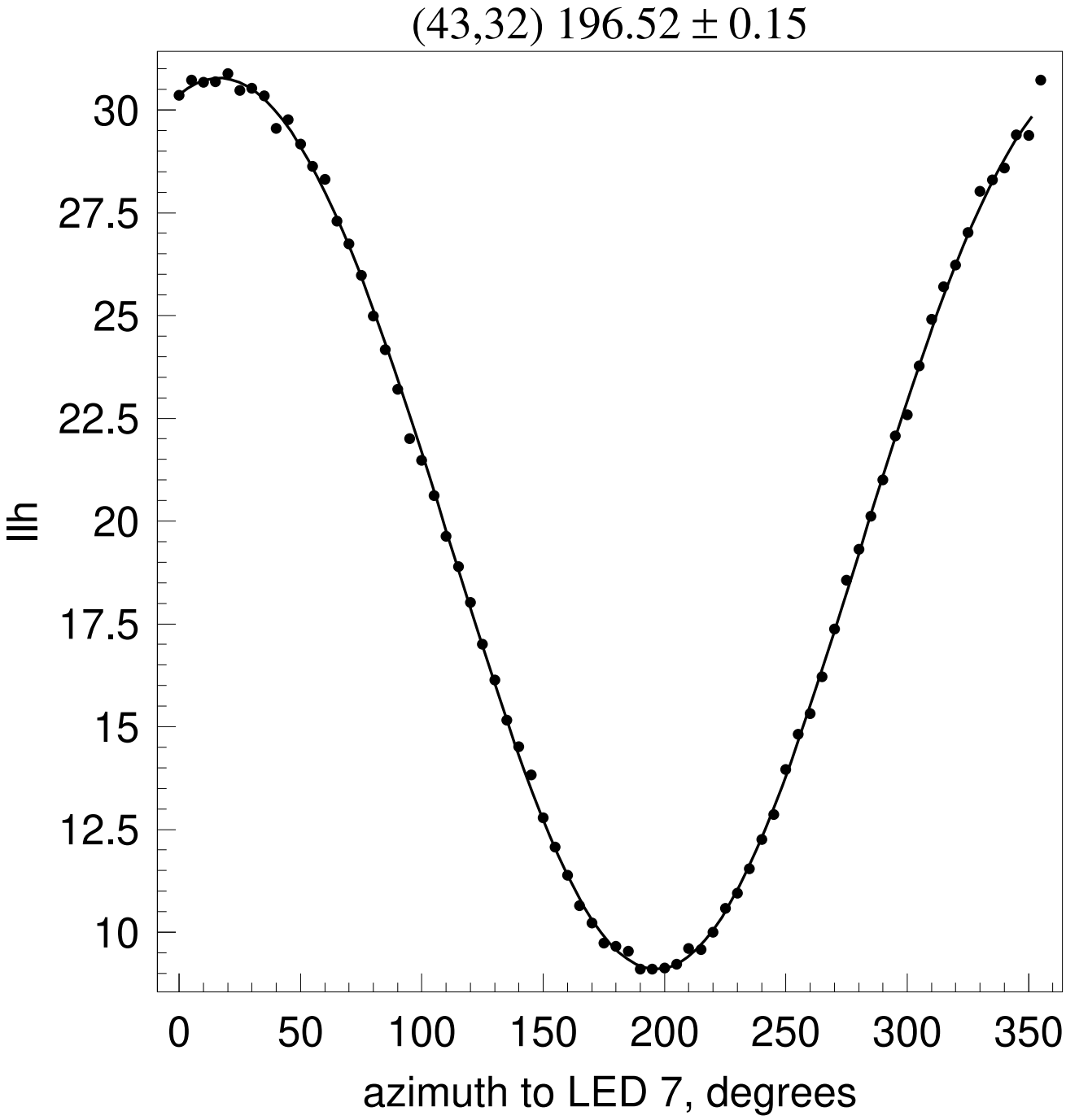

(43,27) 151.31 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

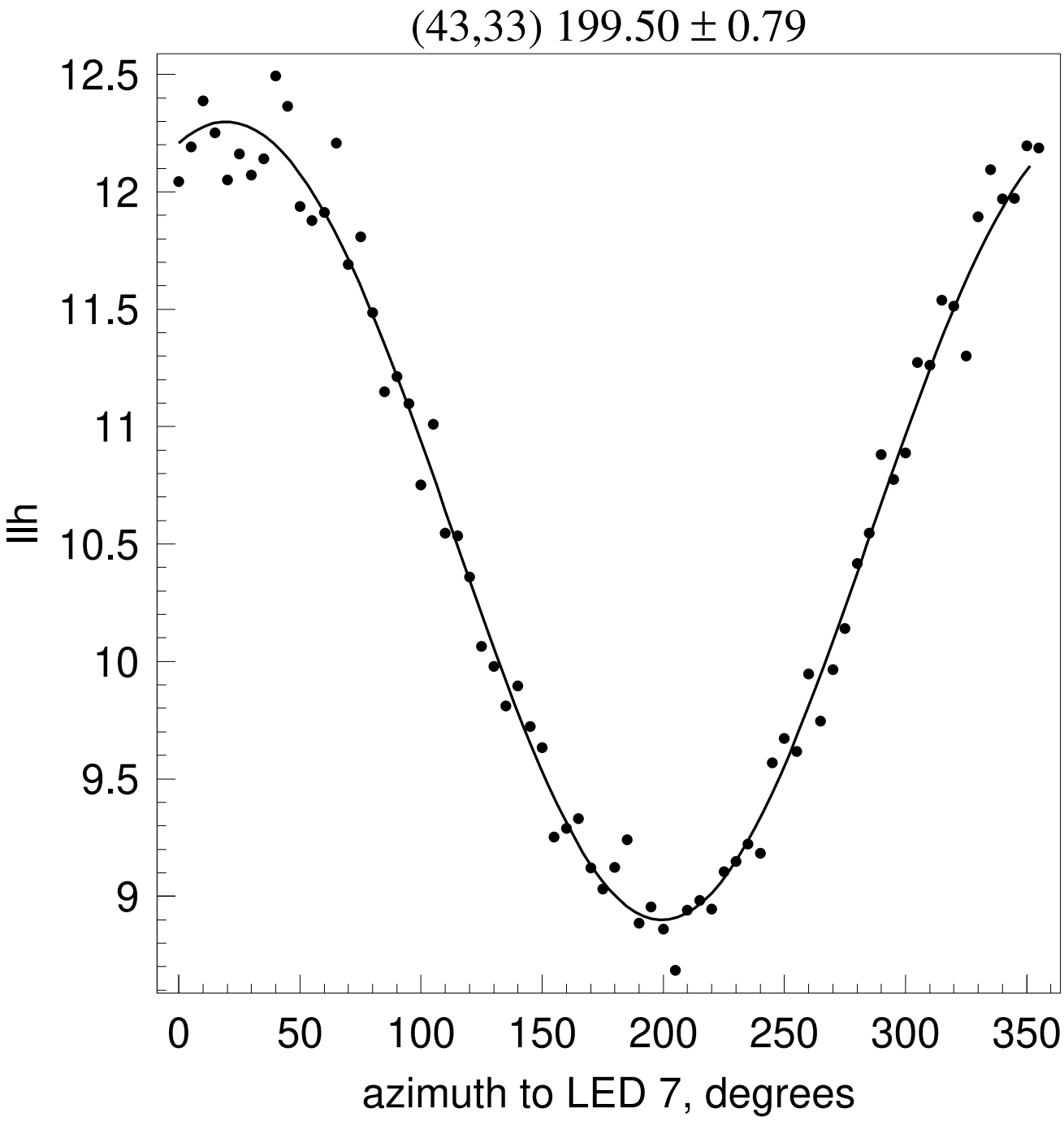

(43,28) 116.21 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

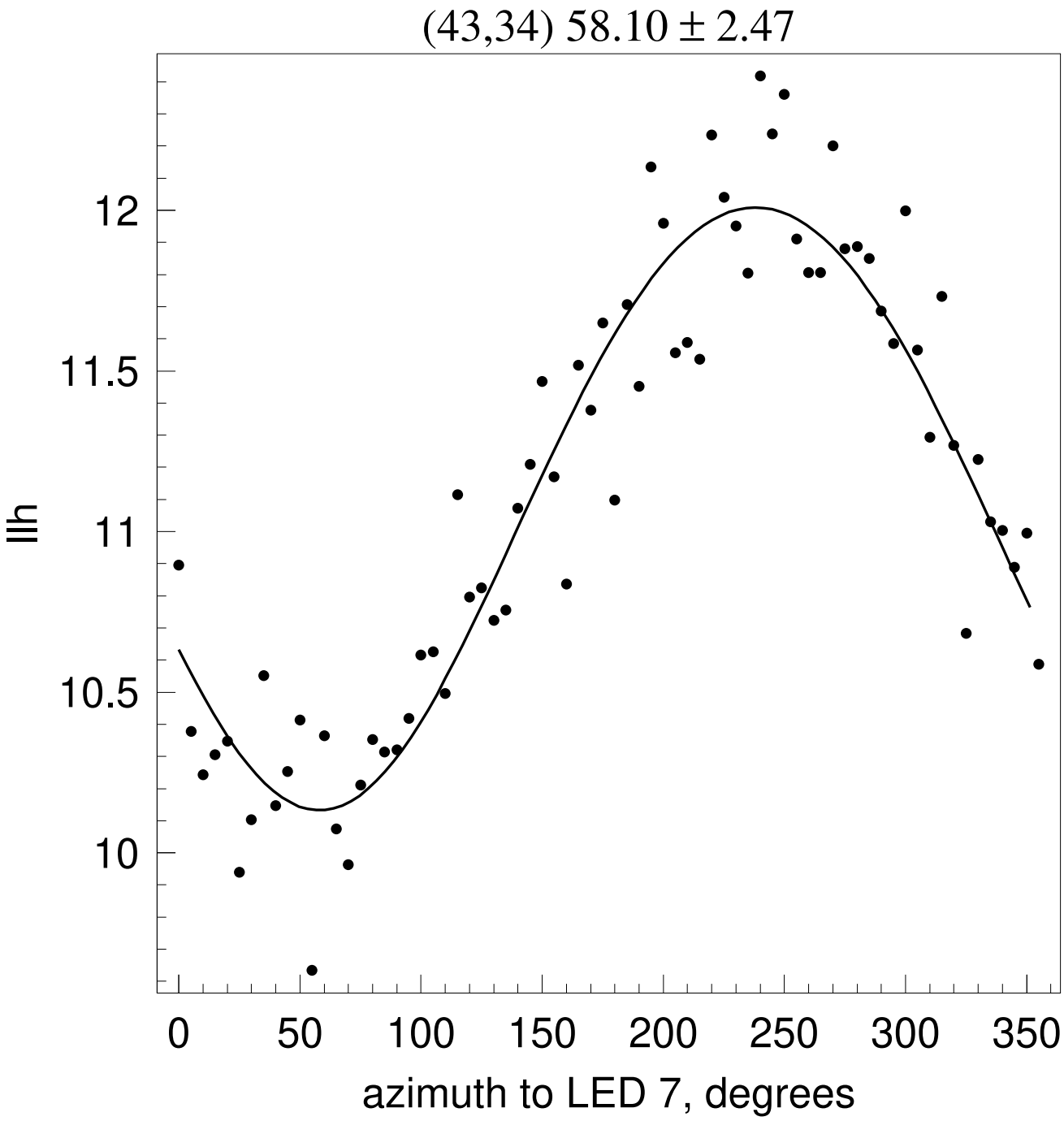

(43,29) 12.29 ± 0.03
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

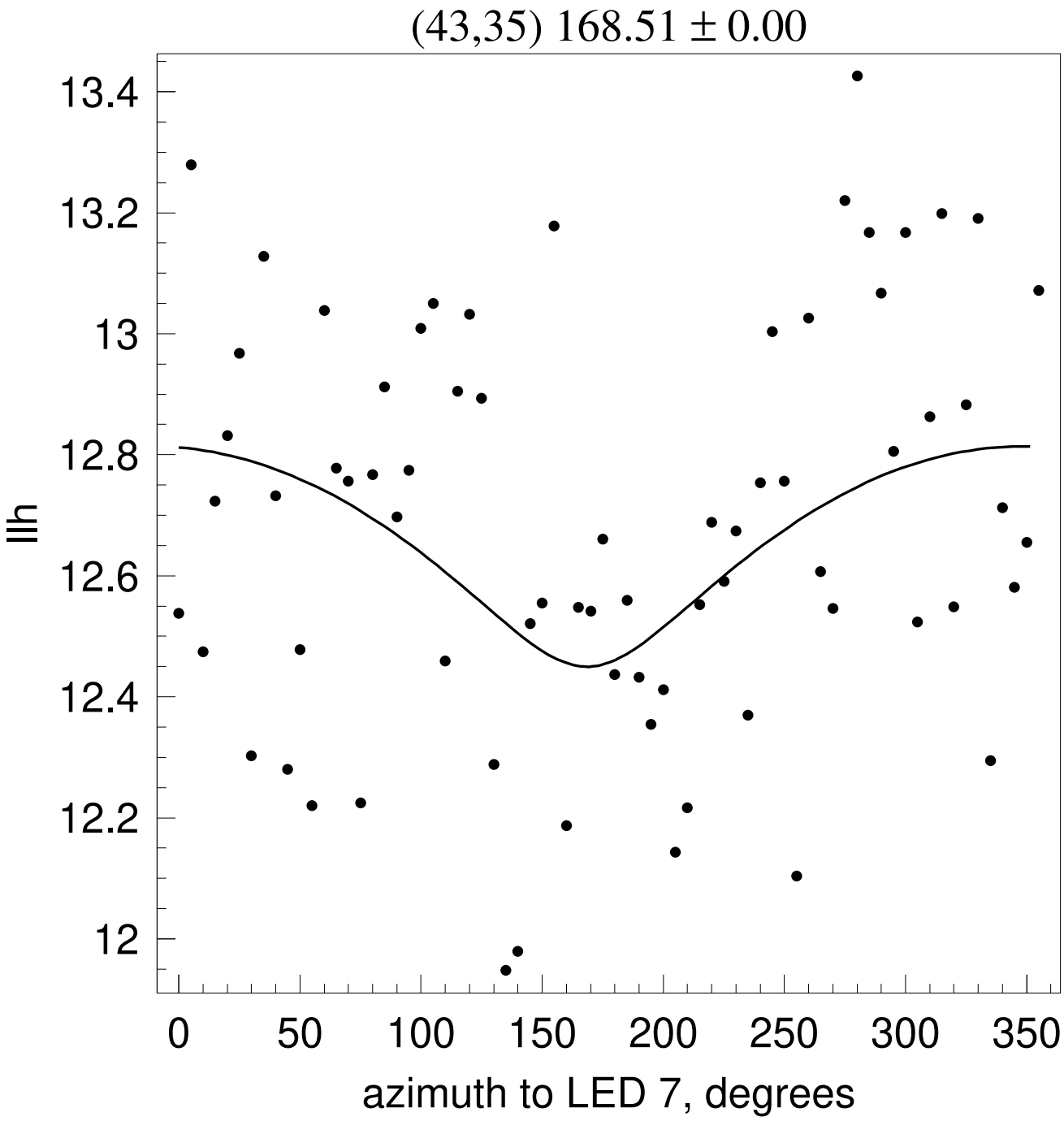

(43,30) 325.91 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

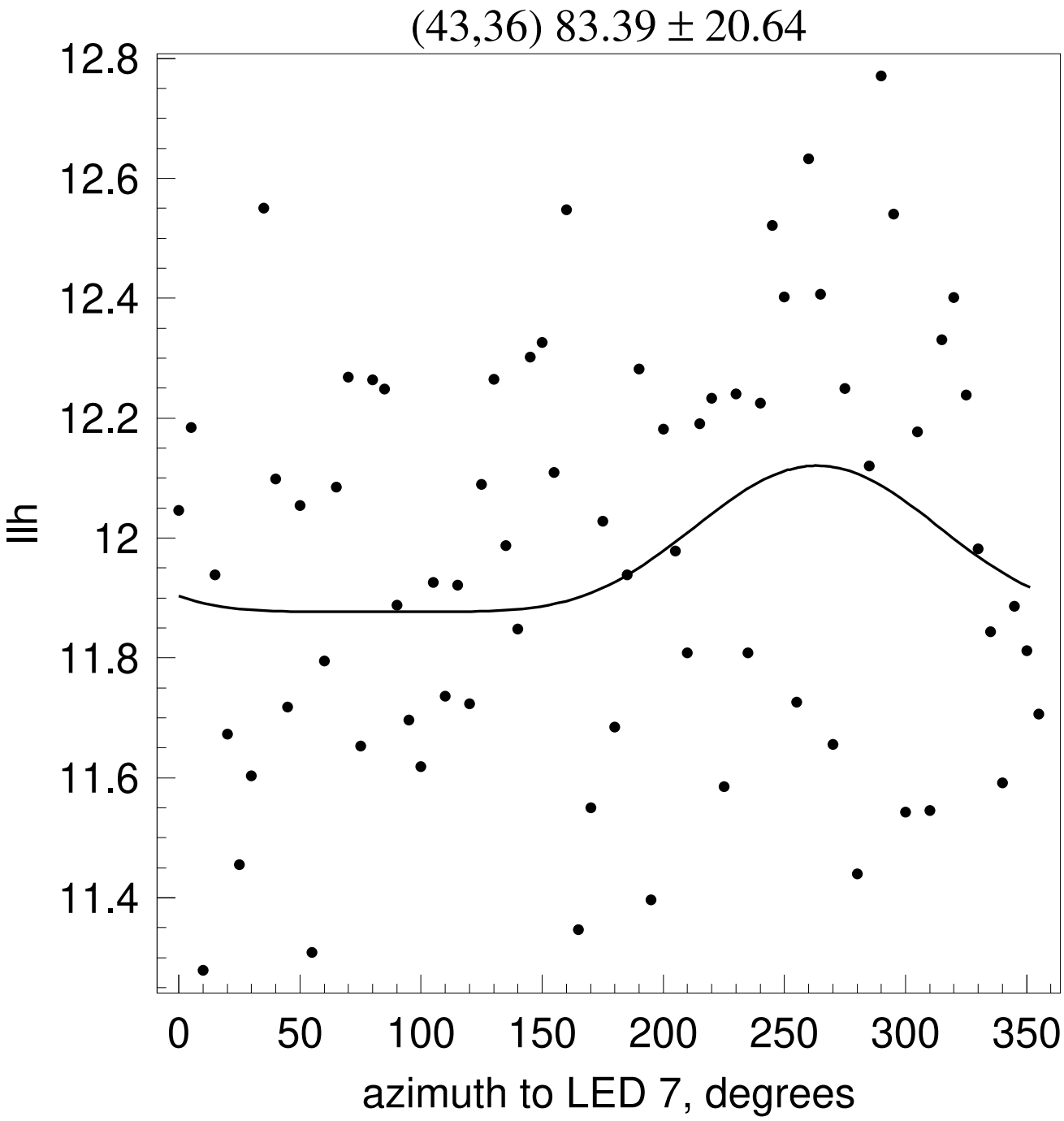

(43,31) 139.93 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

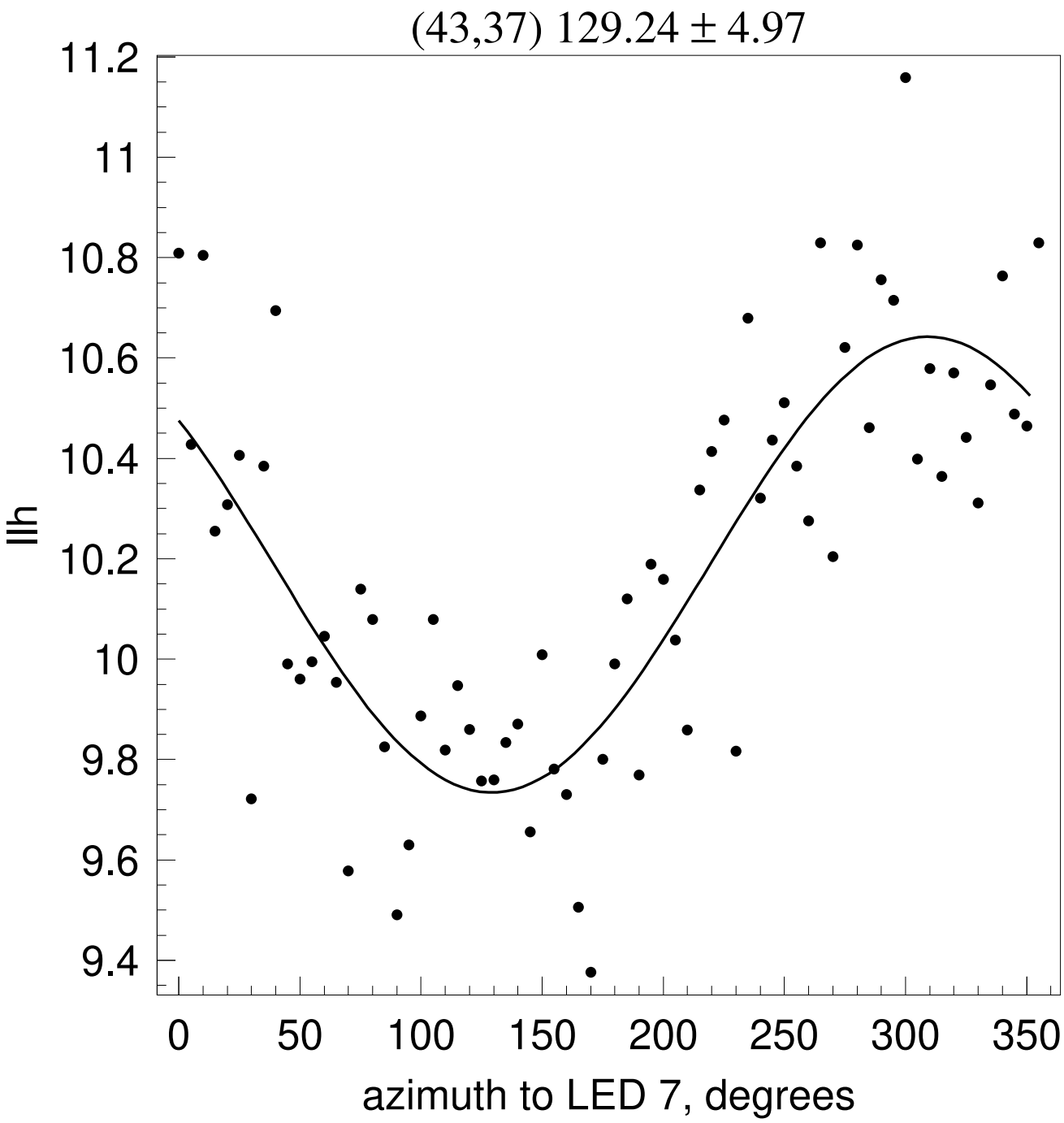

(43,32) 196.52 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

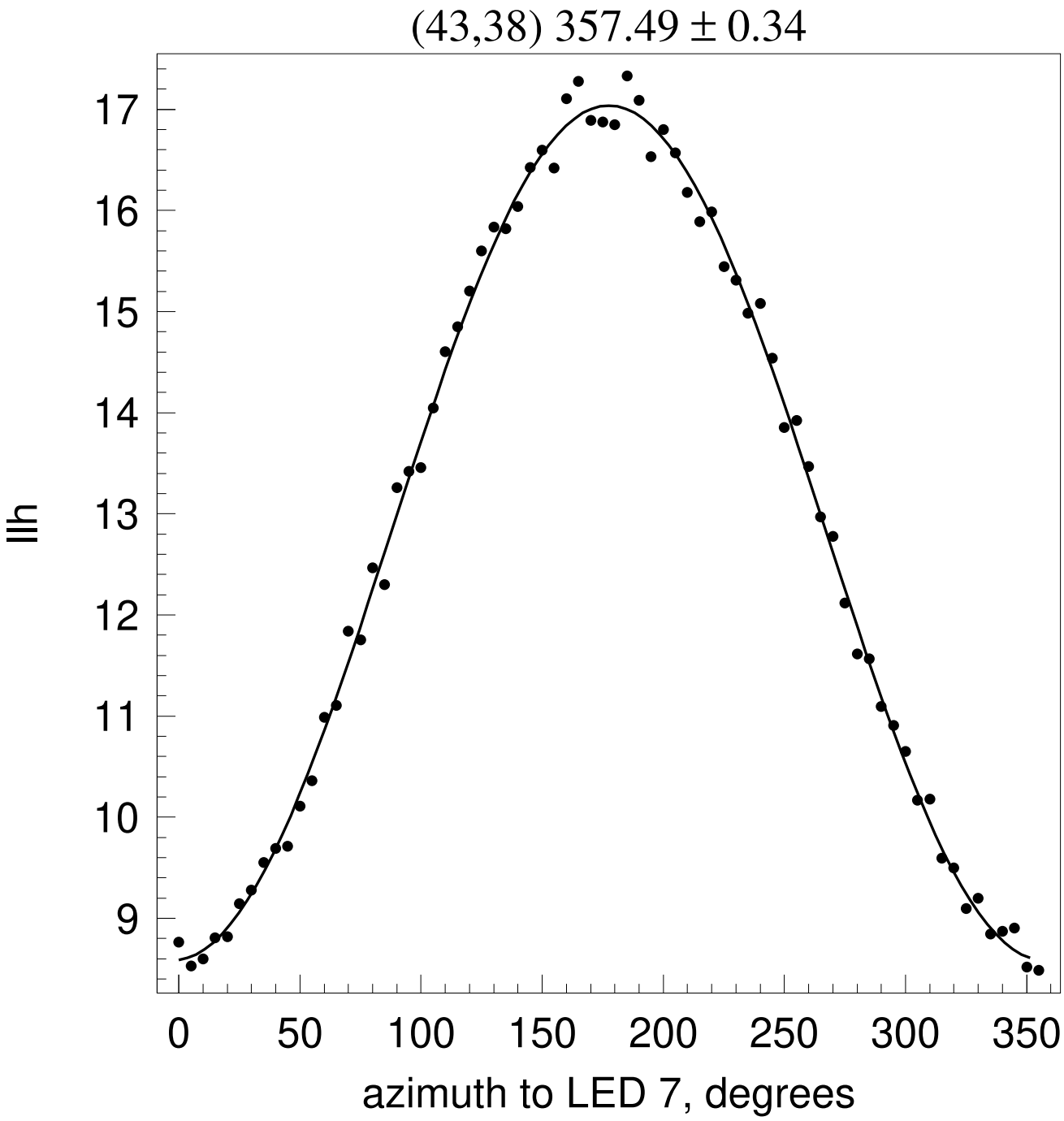

(43,33) 199.50 ± 0.79
12.5
12
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

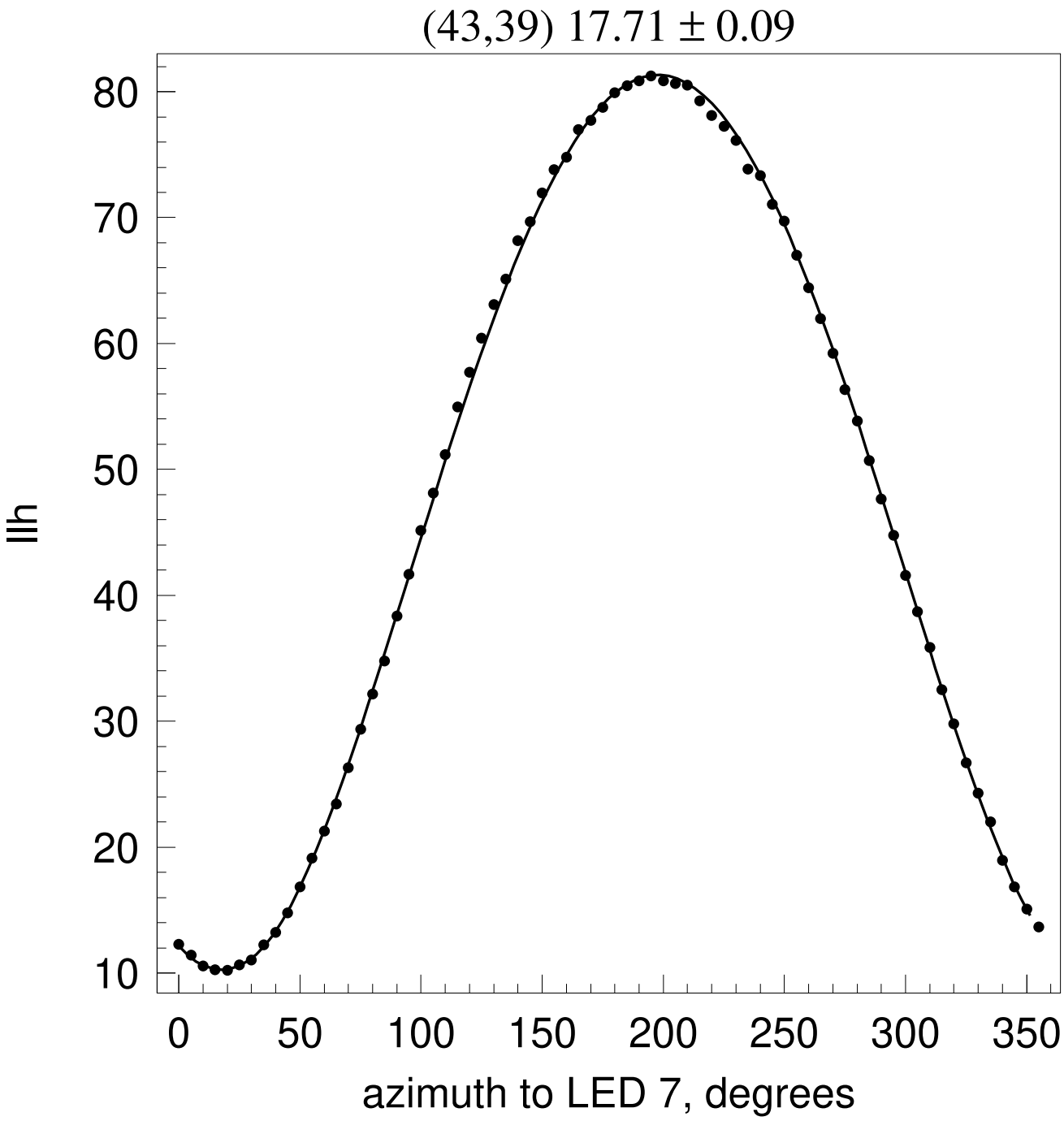

(43,34) 58.10 ± 2.47
12
11.5
11
10.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

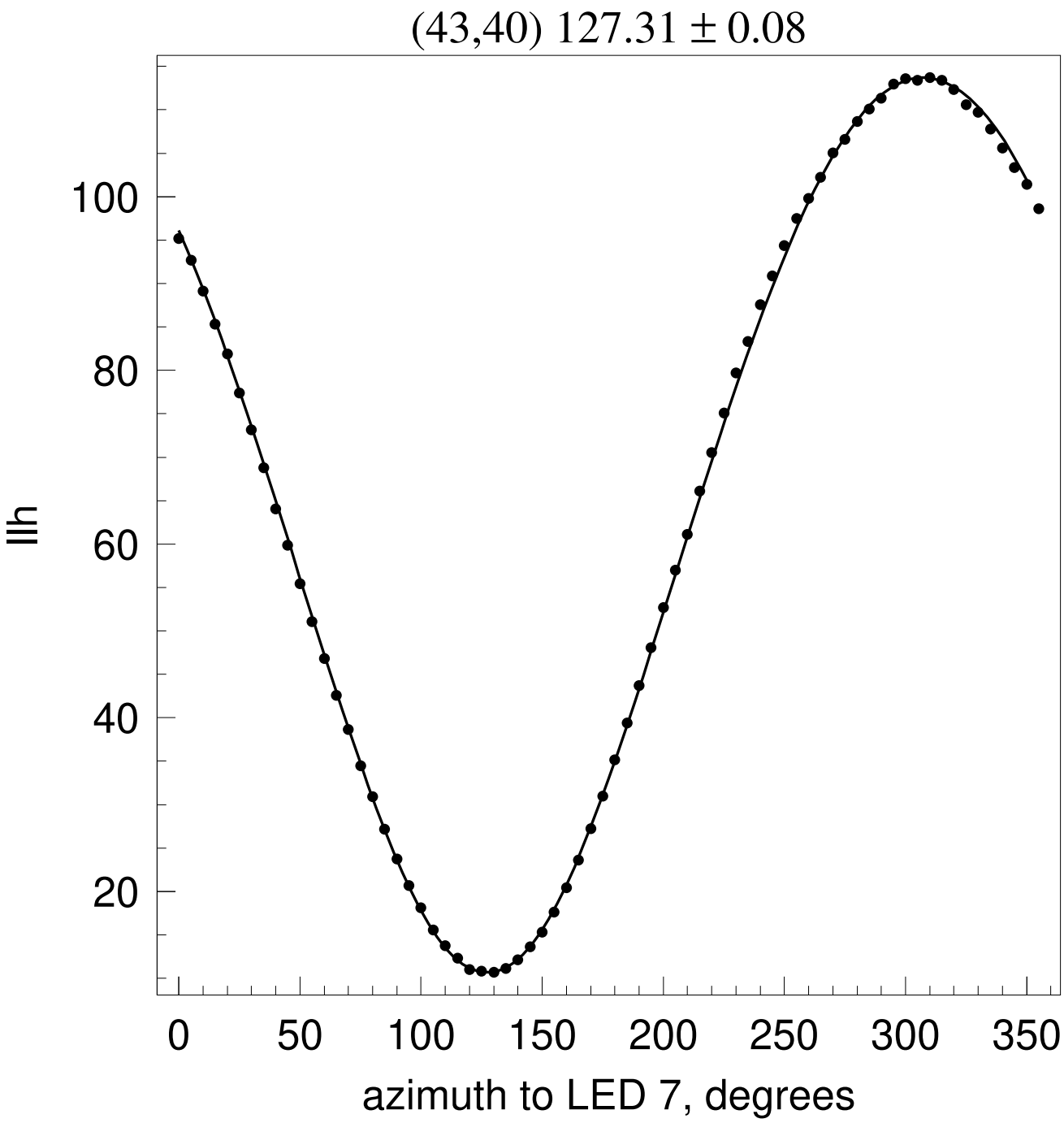

(43,35) 168.51 ± 0.00
13.4
13.2
13
12.8
12.6
12.4
12.2
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

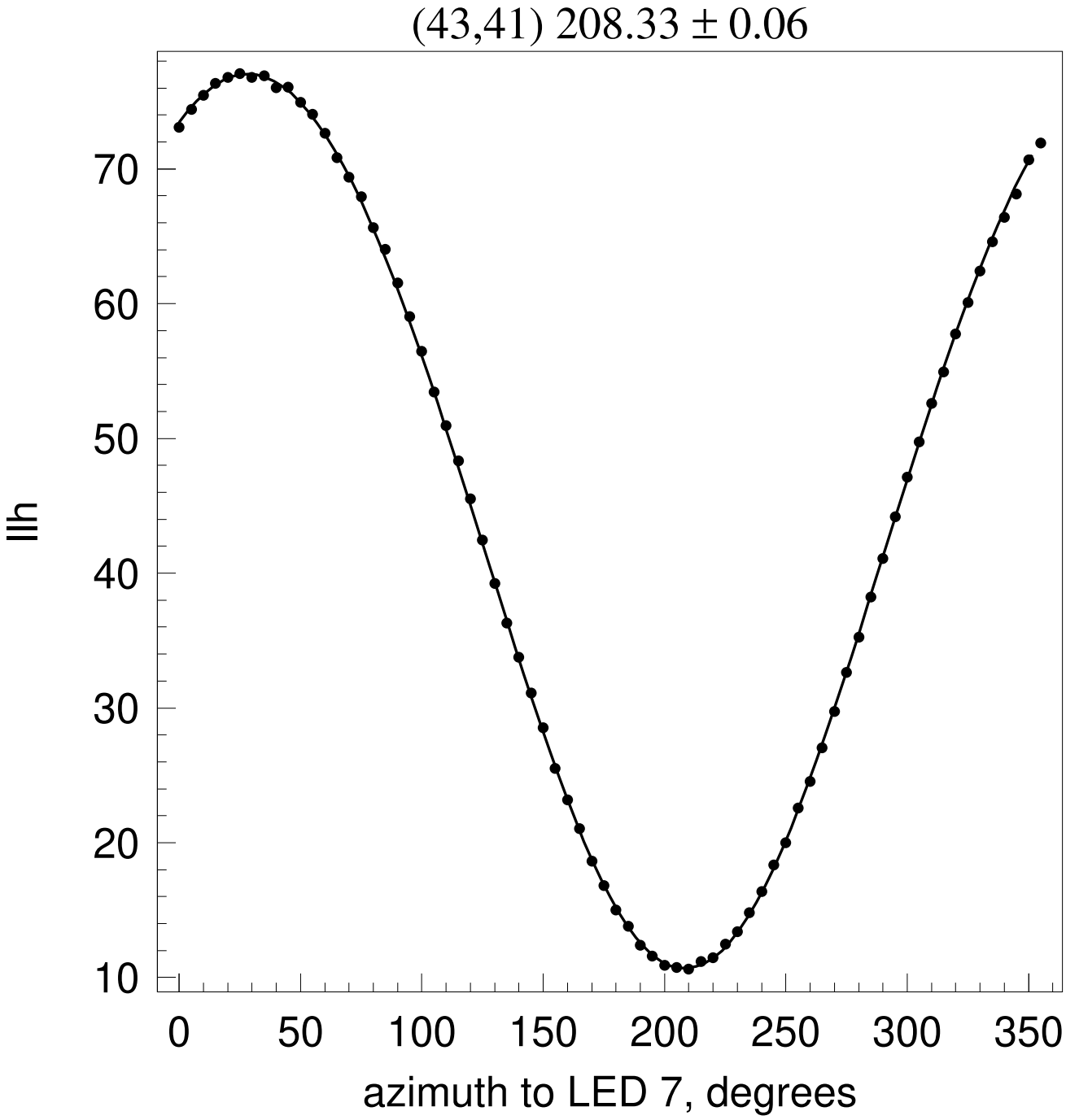

(43,36) 83.39 ± 20.64
12.8
12.6
12.4
12.2
12
11.8
11.6
11.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

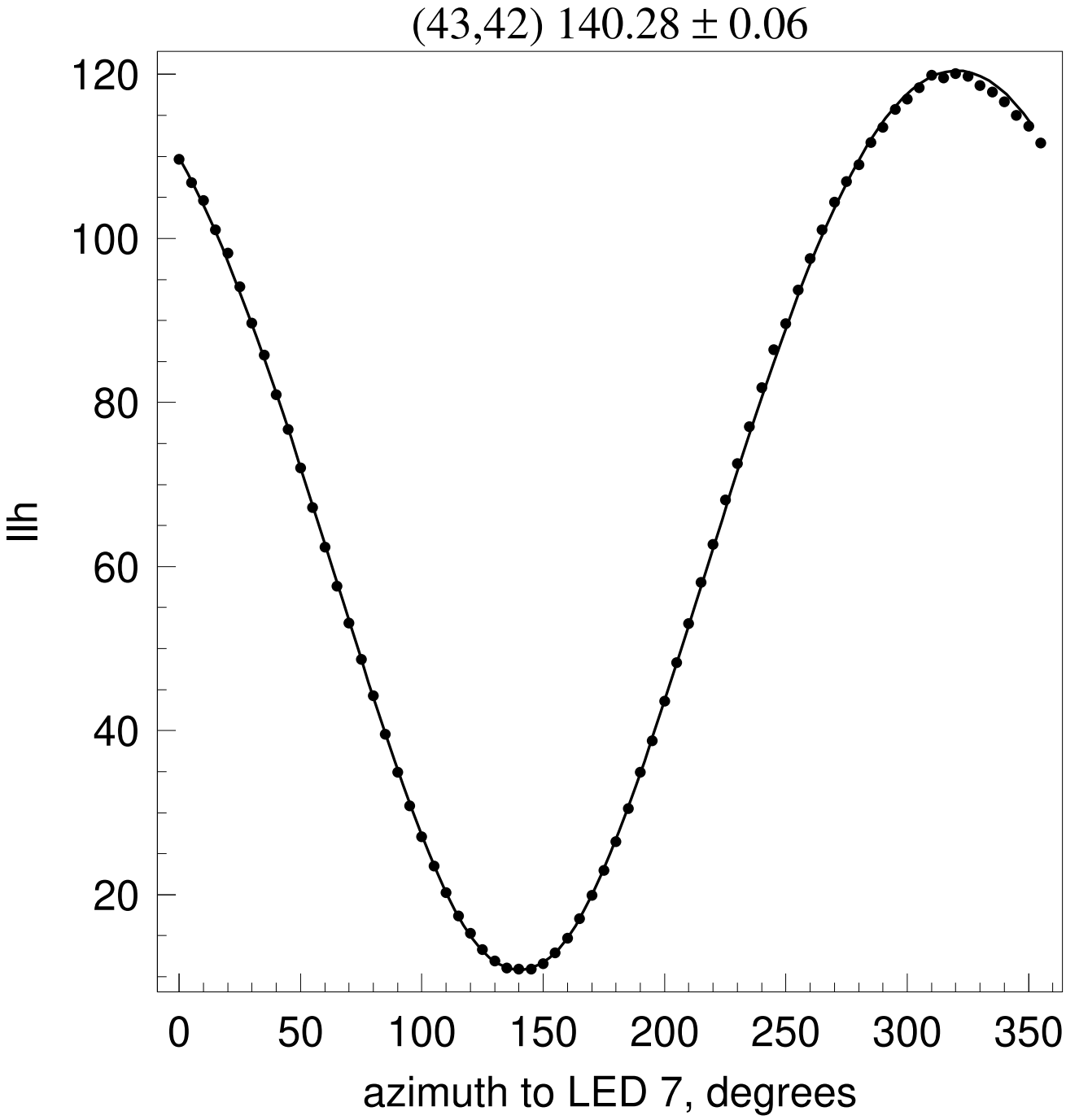

(43,37) 129.24 ± 4.97
11.2
11
10.8
10.6
10.4
10.2
10
9.8
9.6
9.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

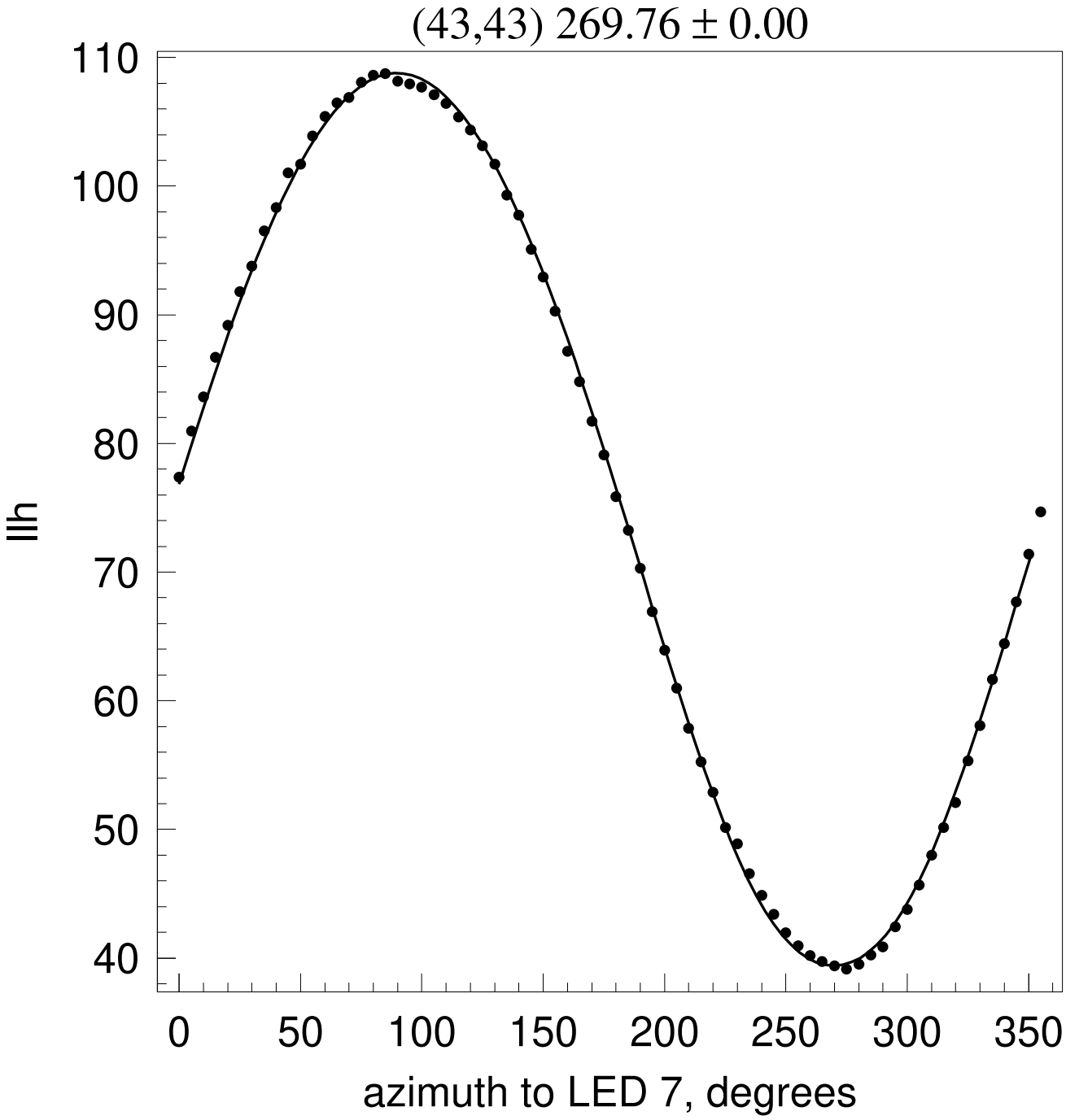

(43,38) 357.49 ± 0.34
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

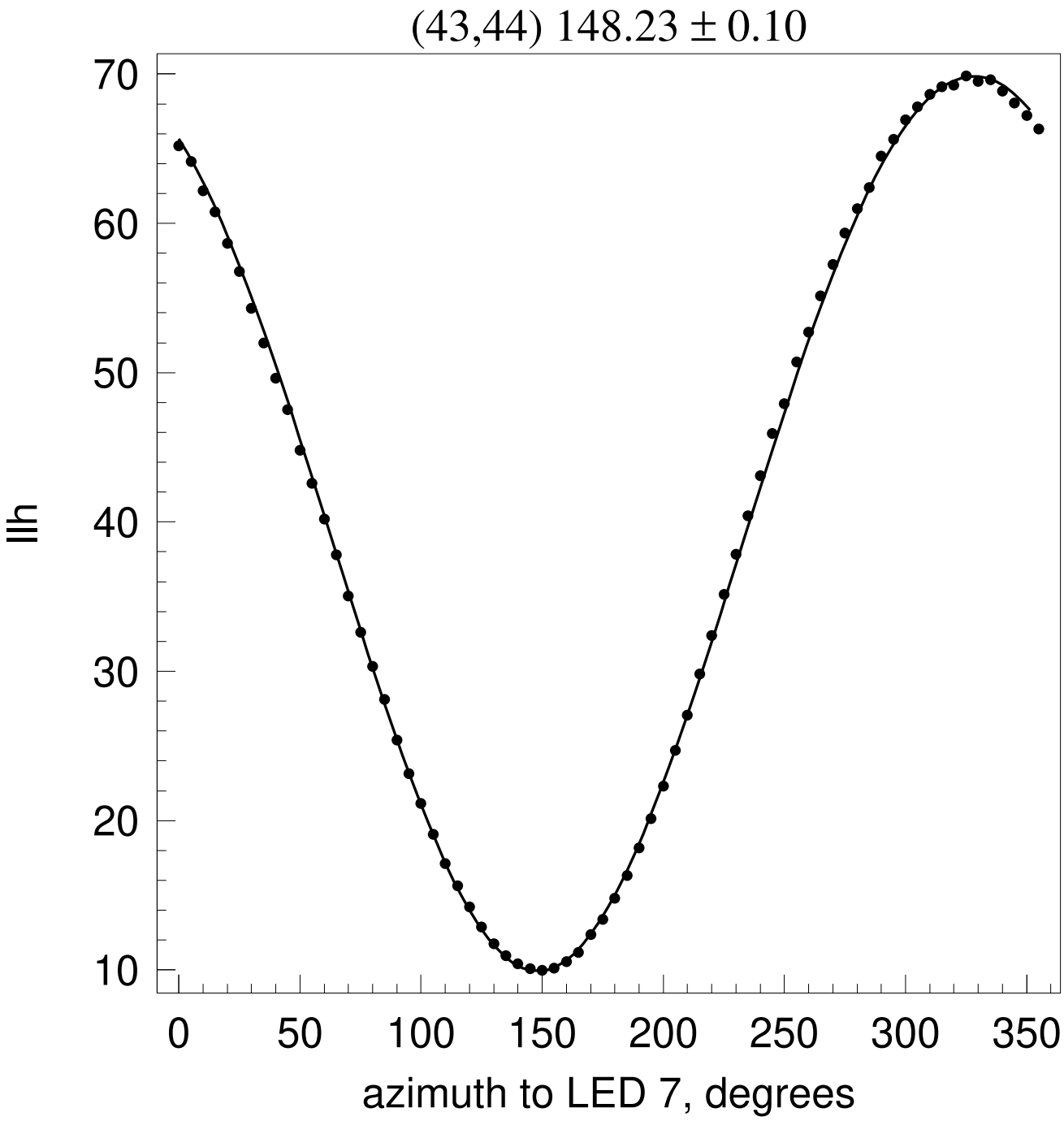

(43,39) 17.71 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

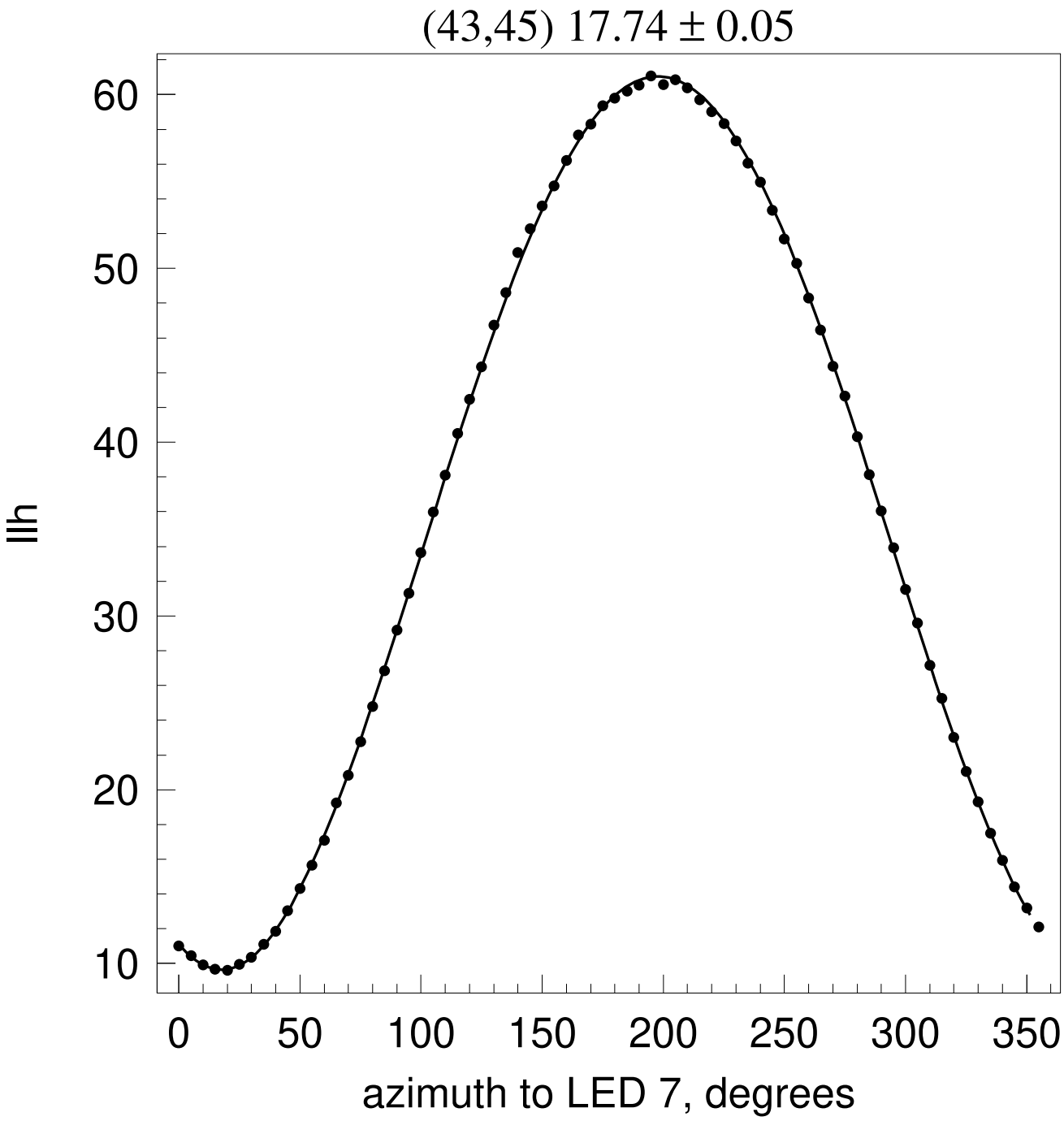

(43,40) 127.31 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

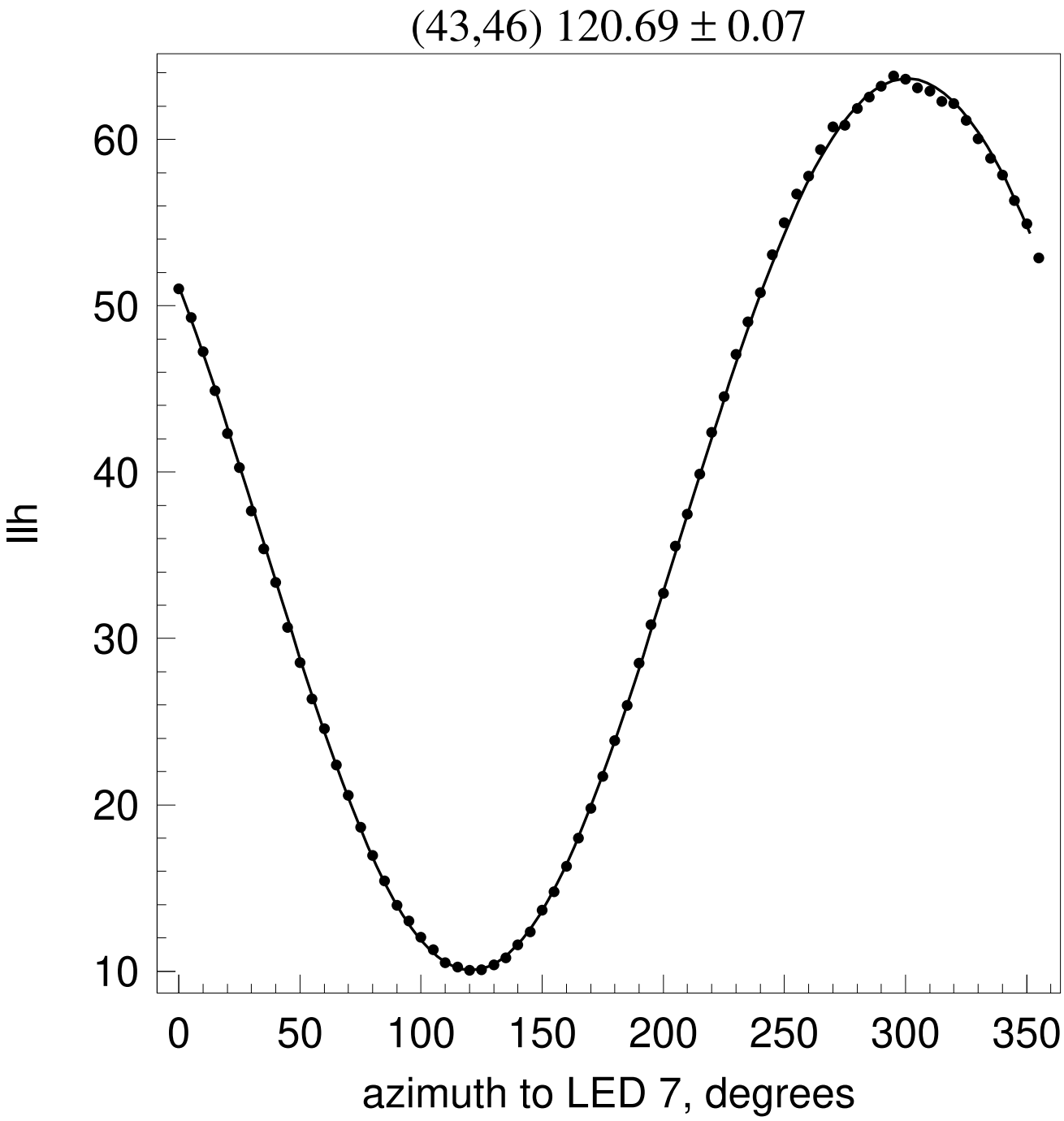

(43,41) 208.33 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

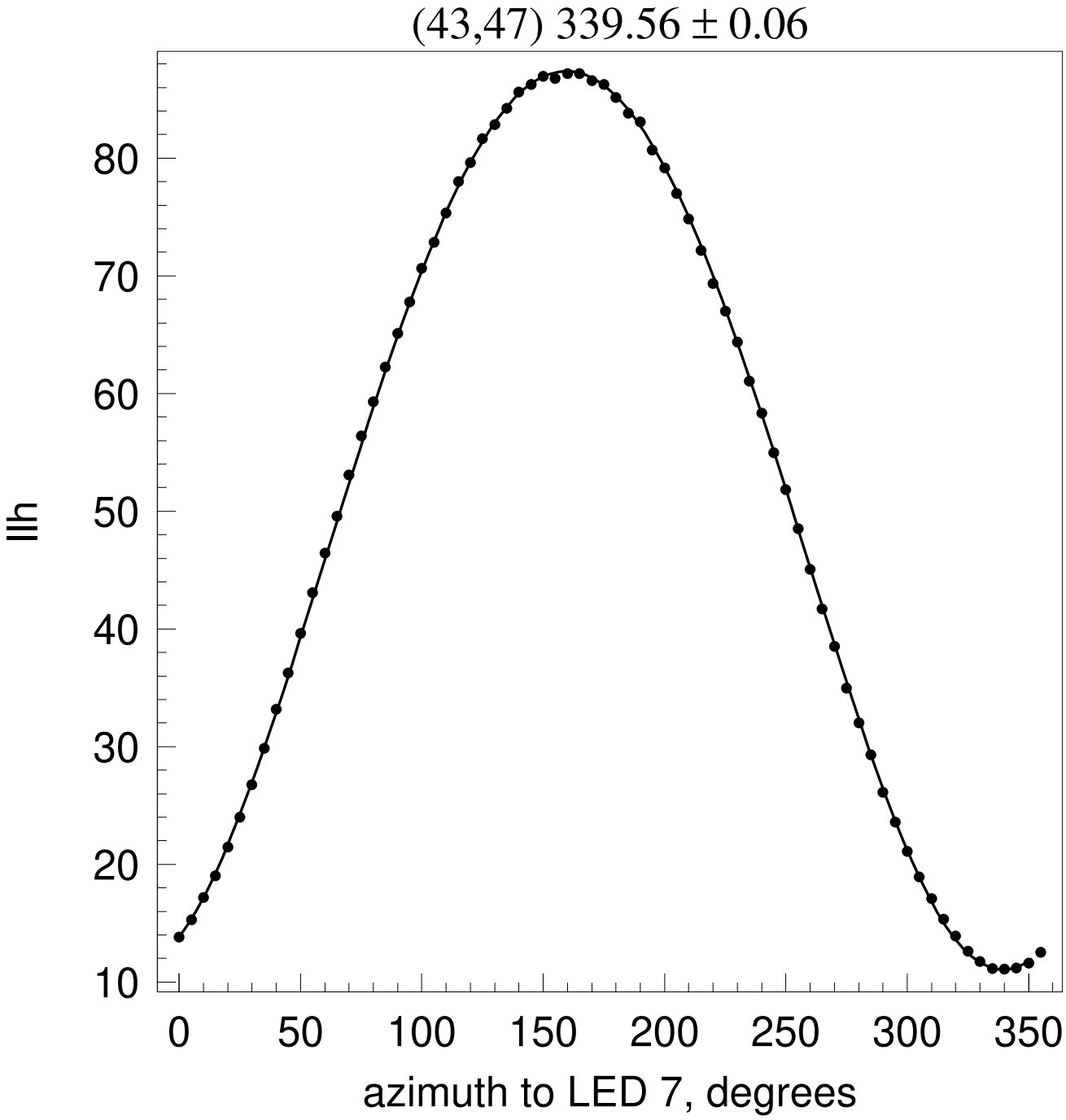

(43,42) 140.28 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

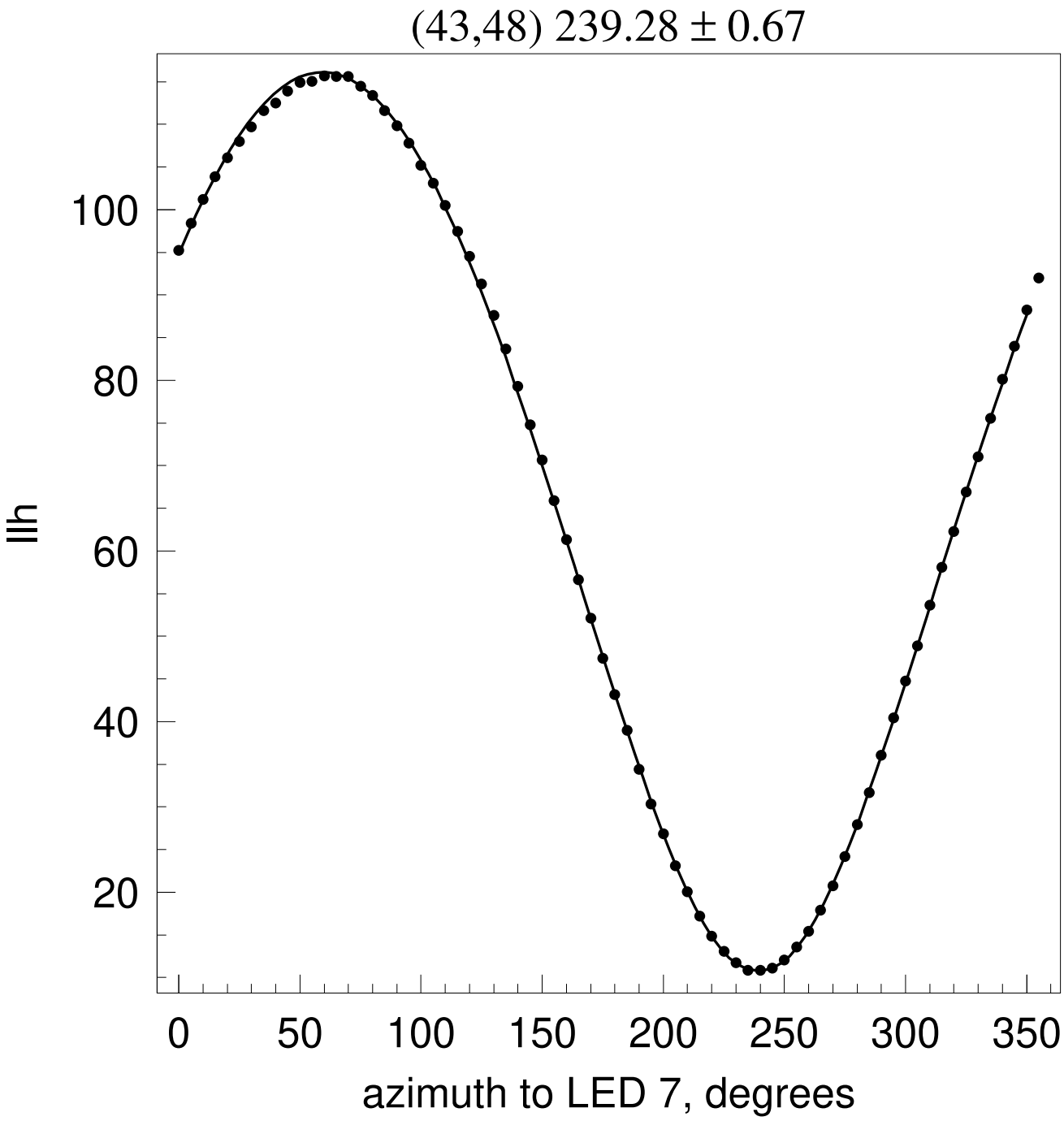

(43,43) 269.76 ± 0.00
110
100
90
80
70
60
50
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

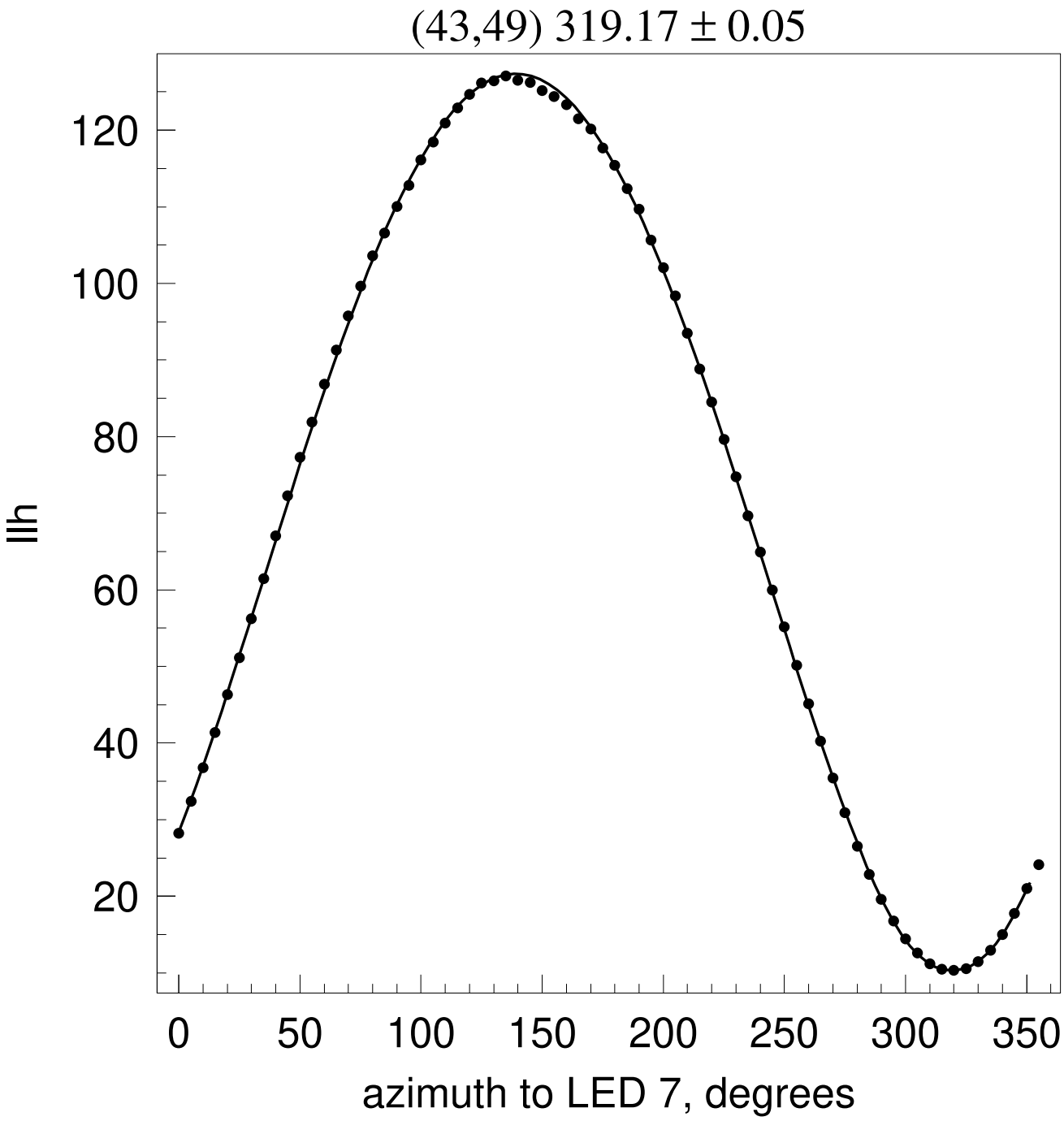

(43,44) 148.23 ± 0.10
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

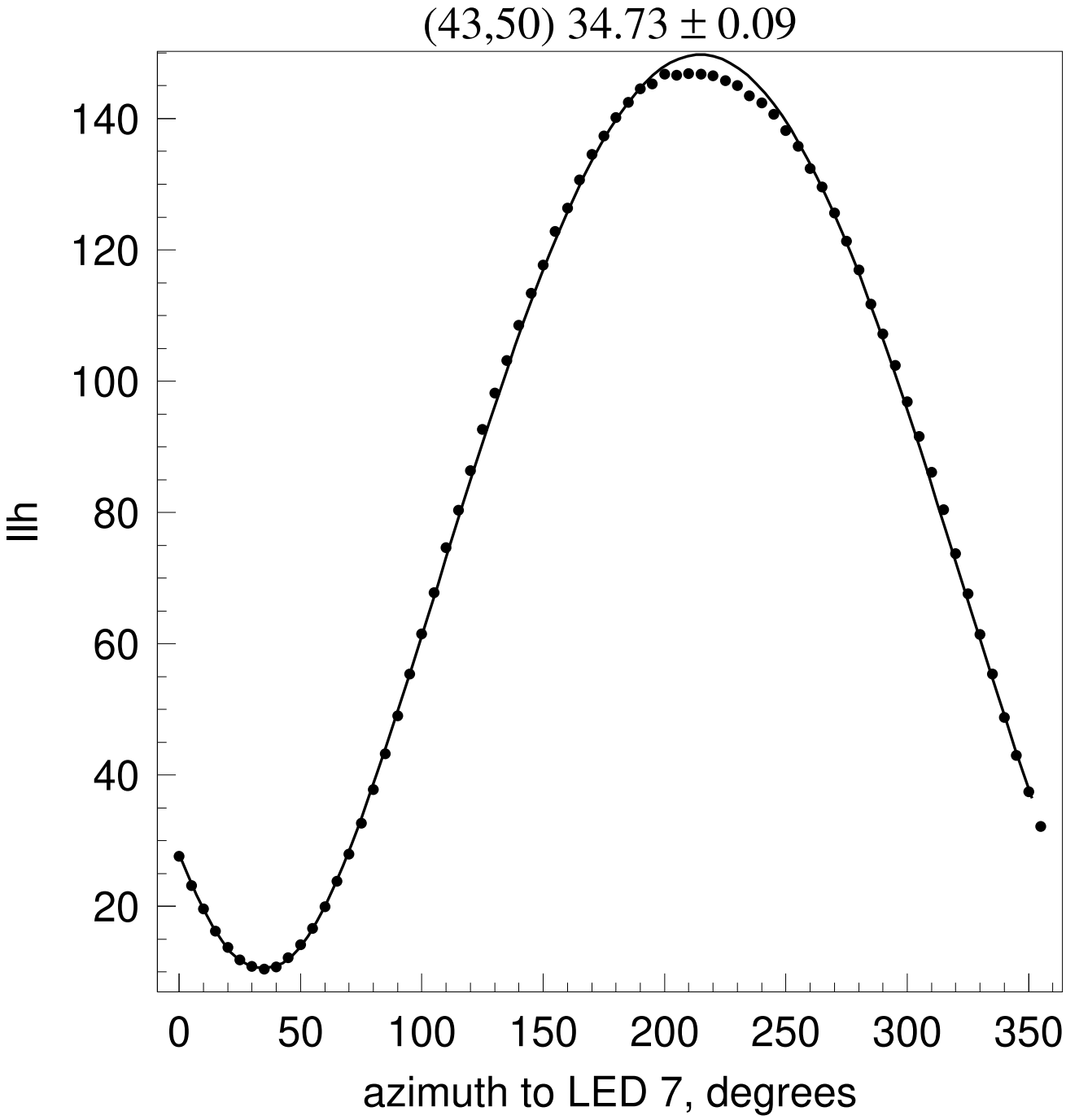

(43,45) 17.74 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

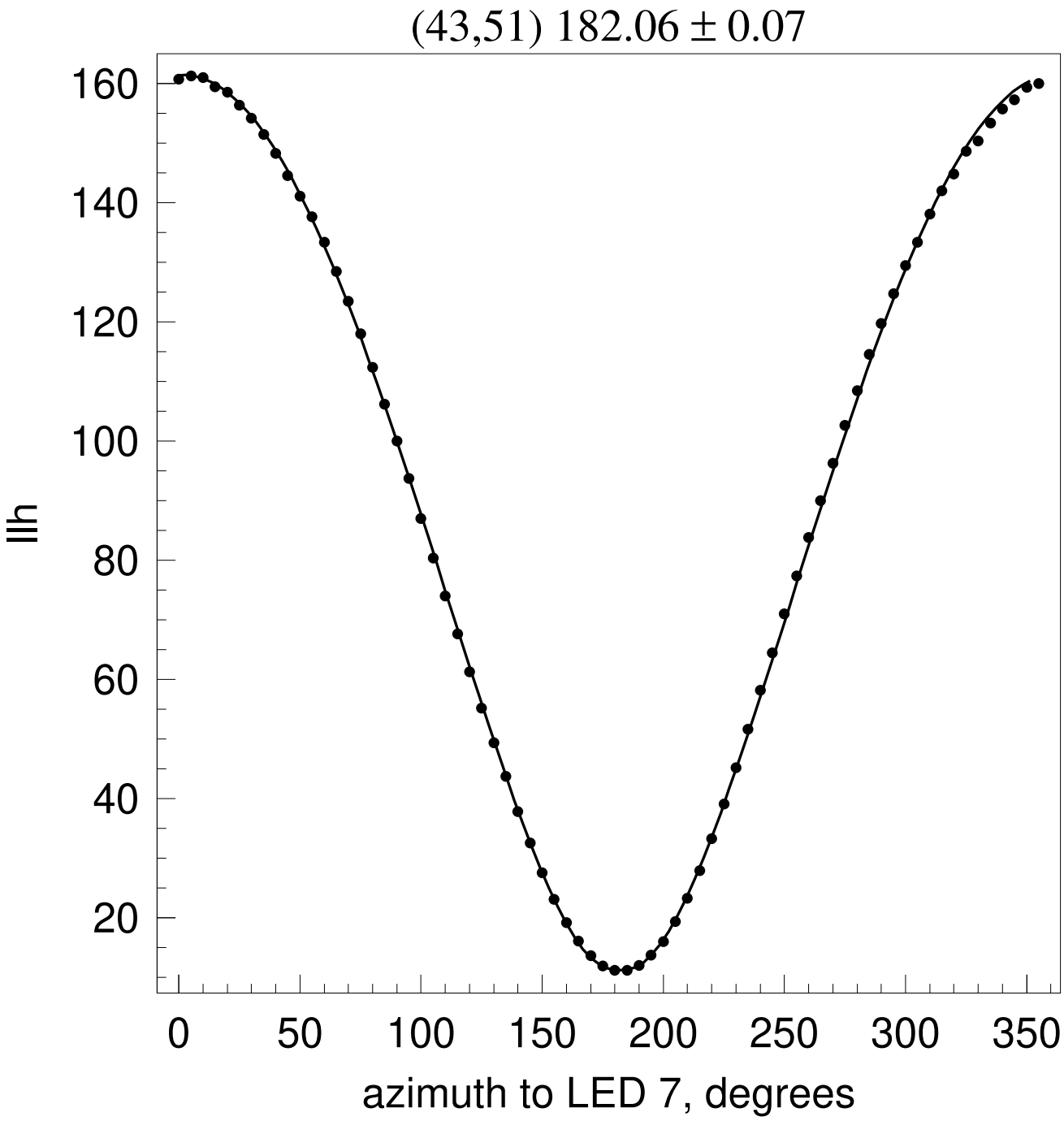

(43,46) 120.69 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

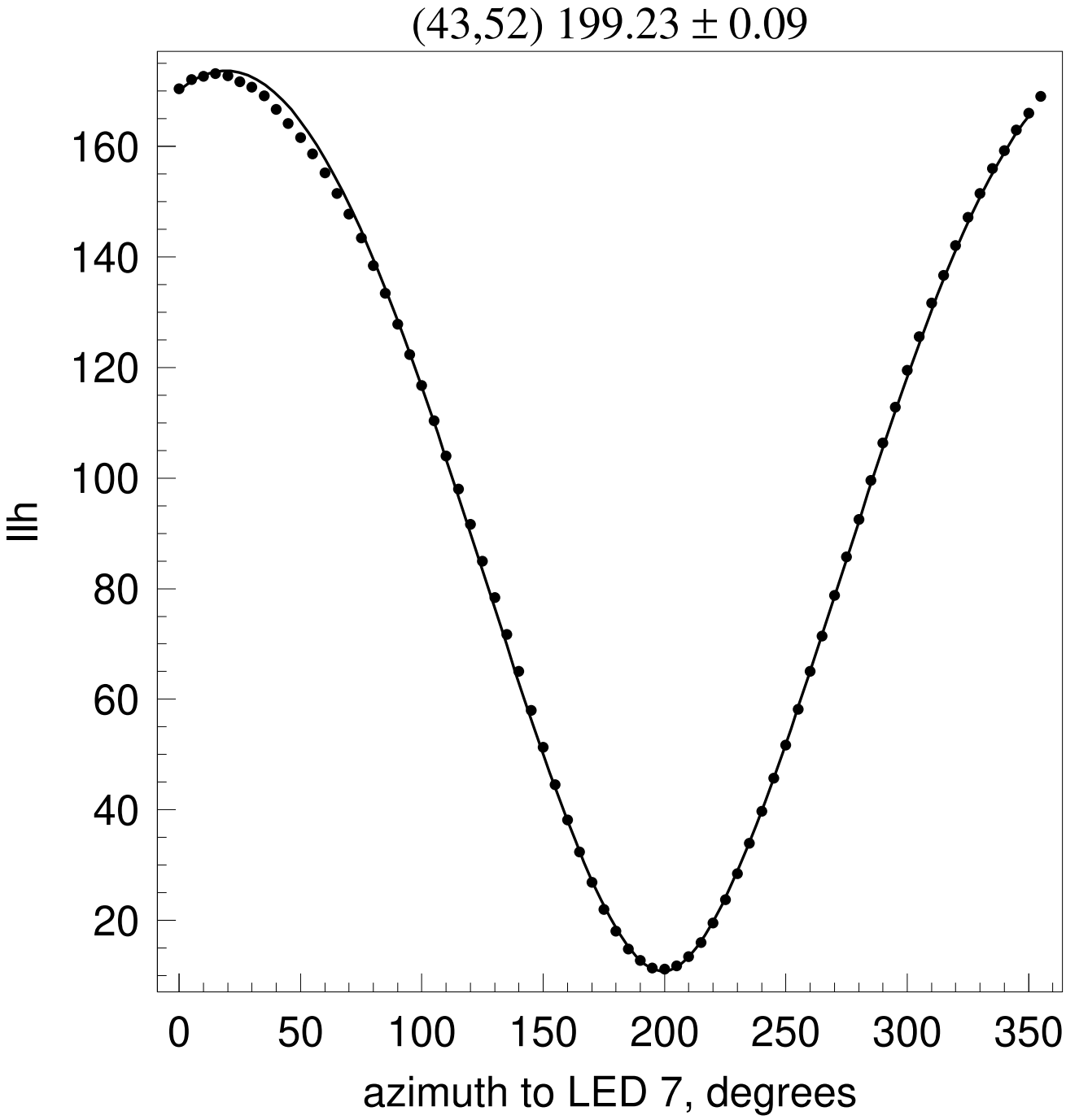

(43,47) 339.56 ± 0.06
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

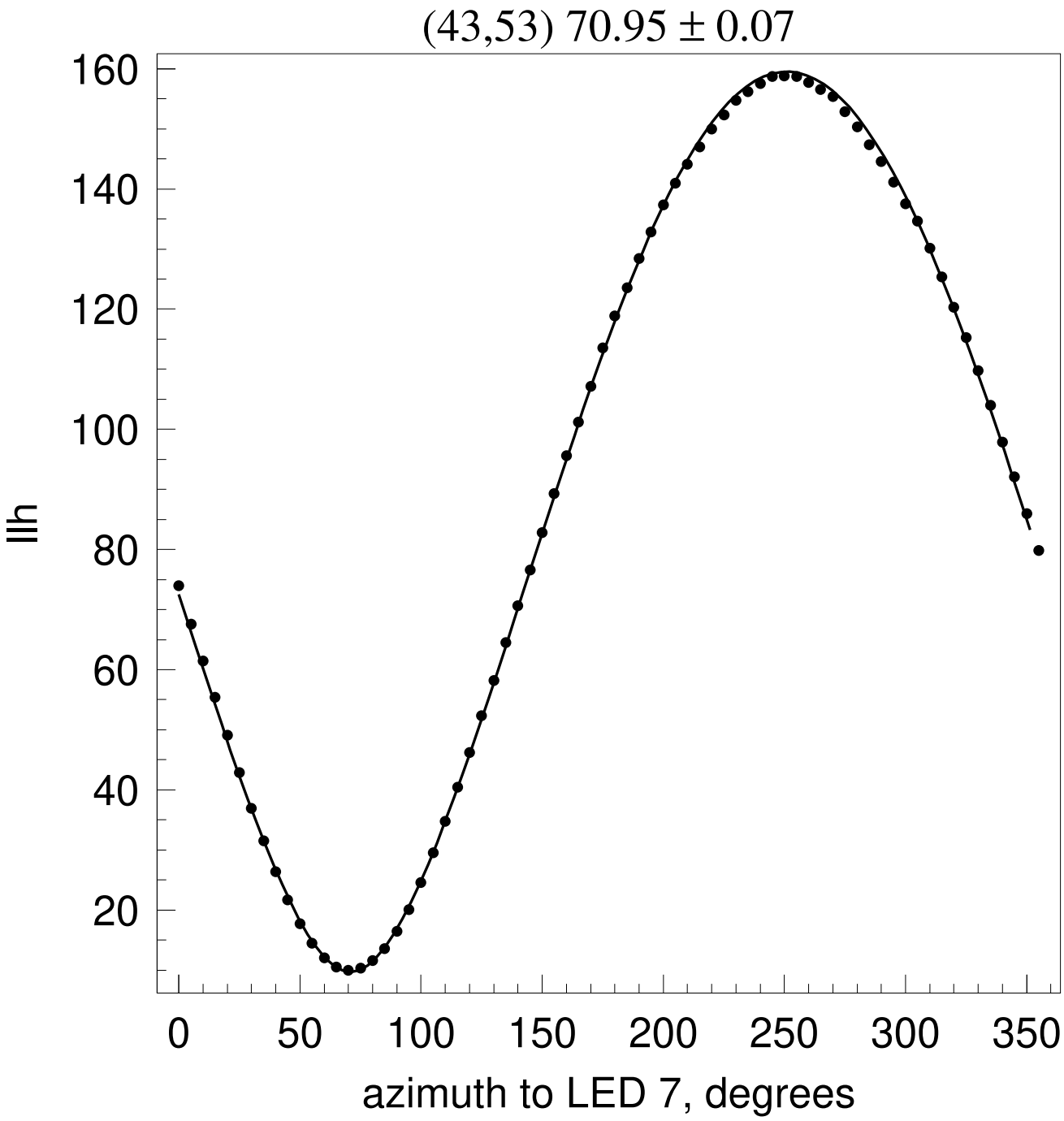

(43,48) 239.28 ± 0.67
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

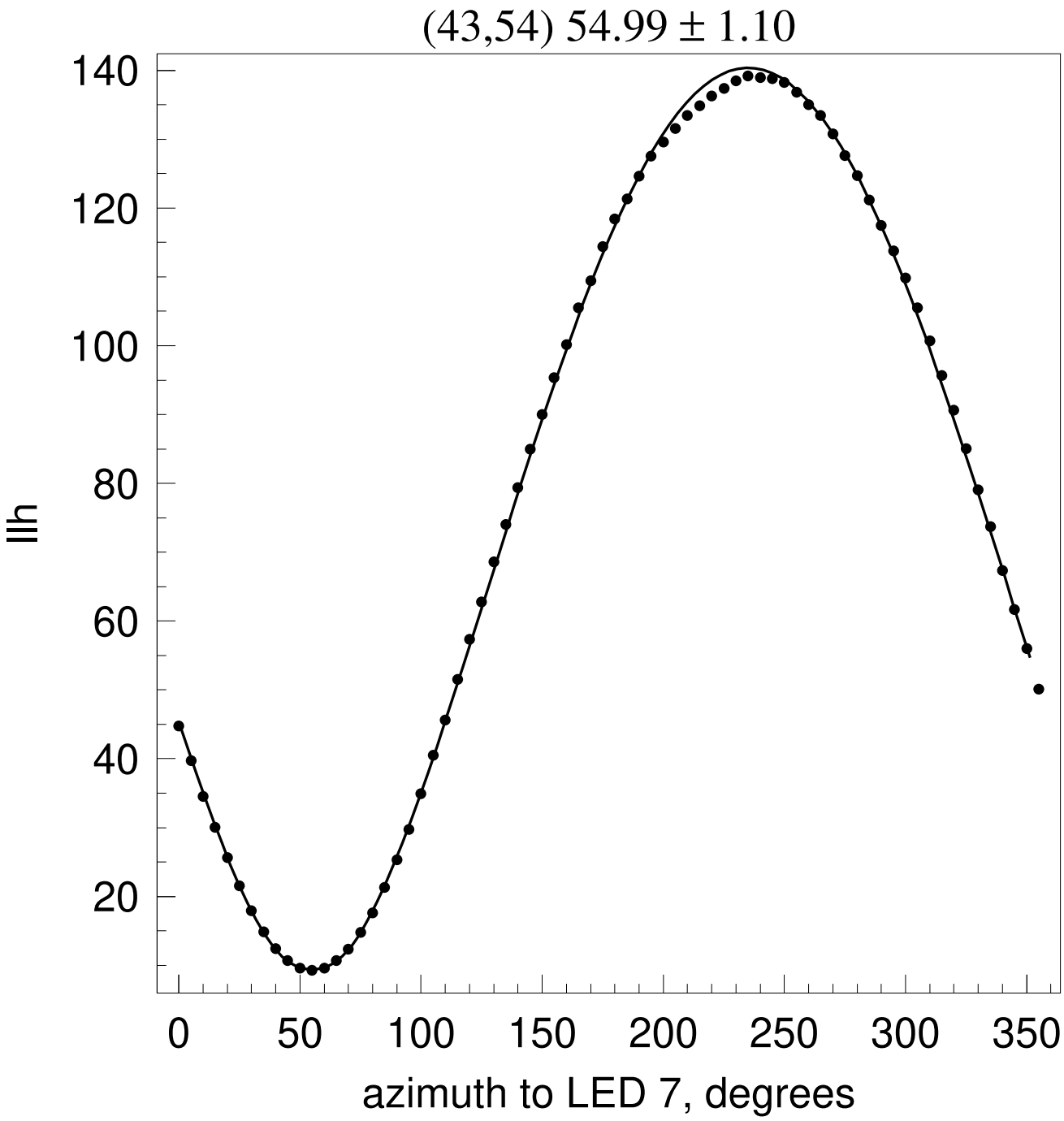

(43,49) 319.17 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

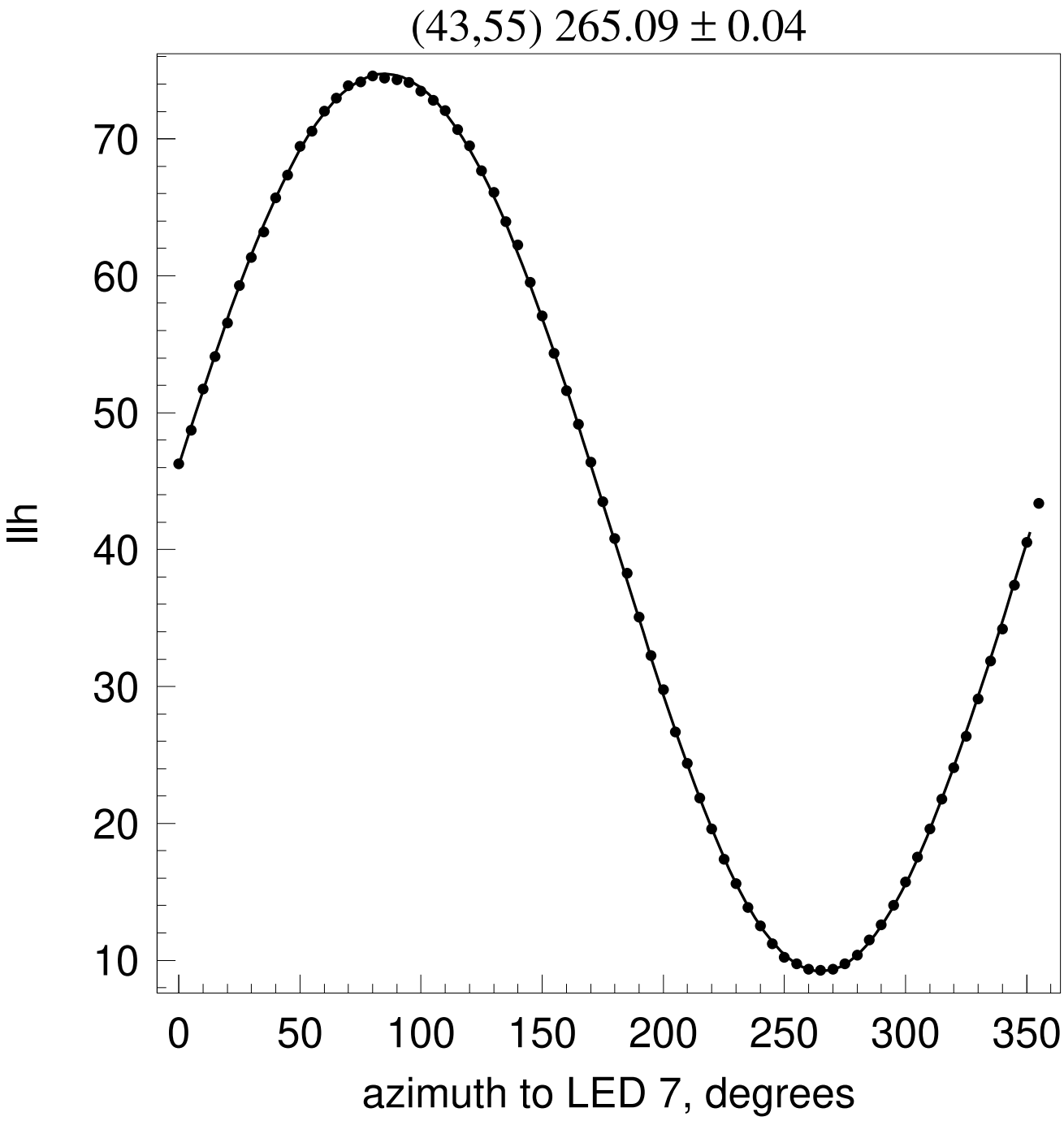

(43,50) 34.73 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

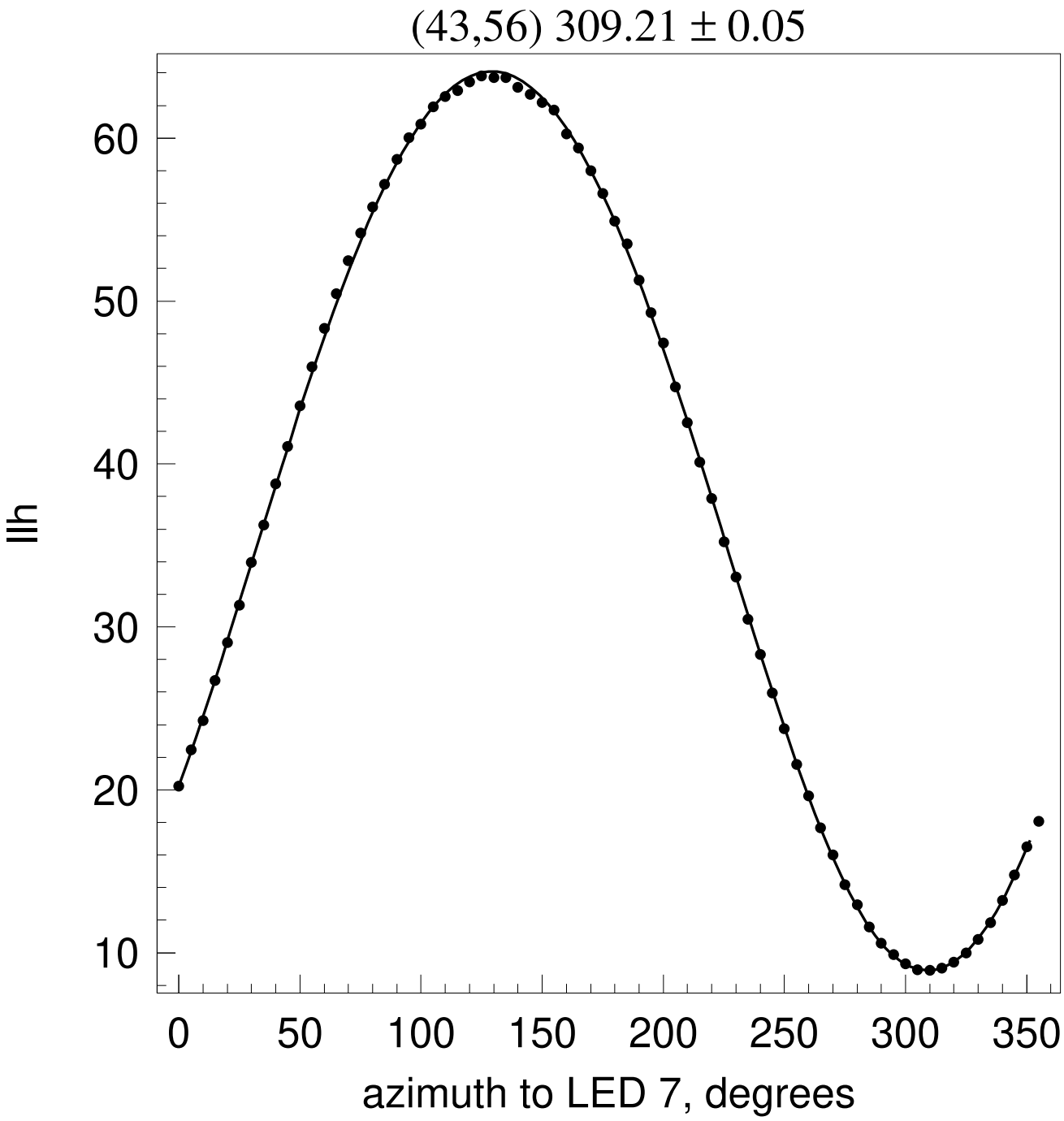

(43,51) 182.06 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

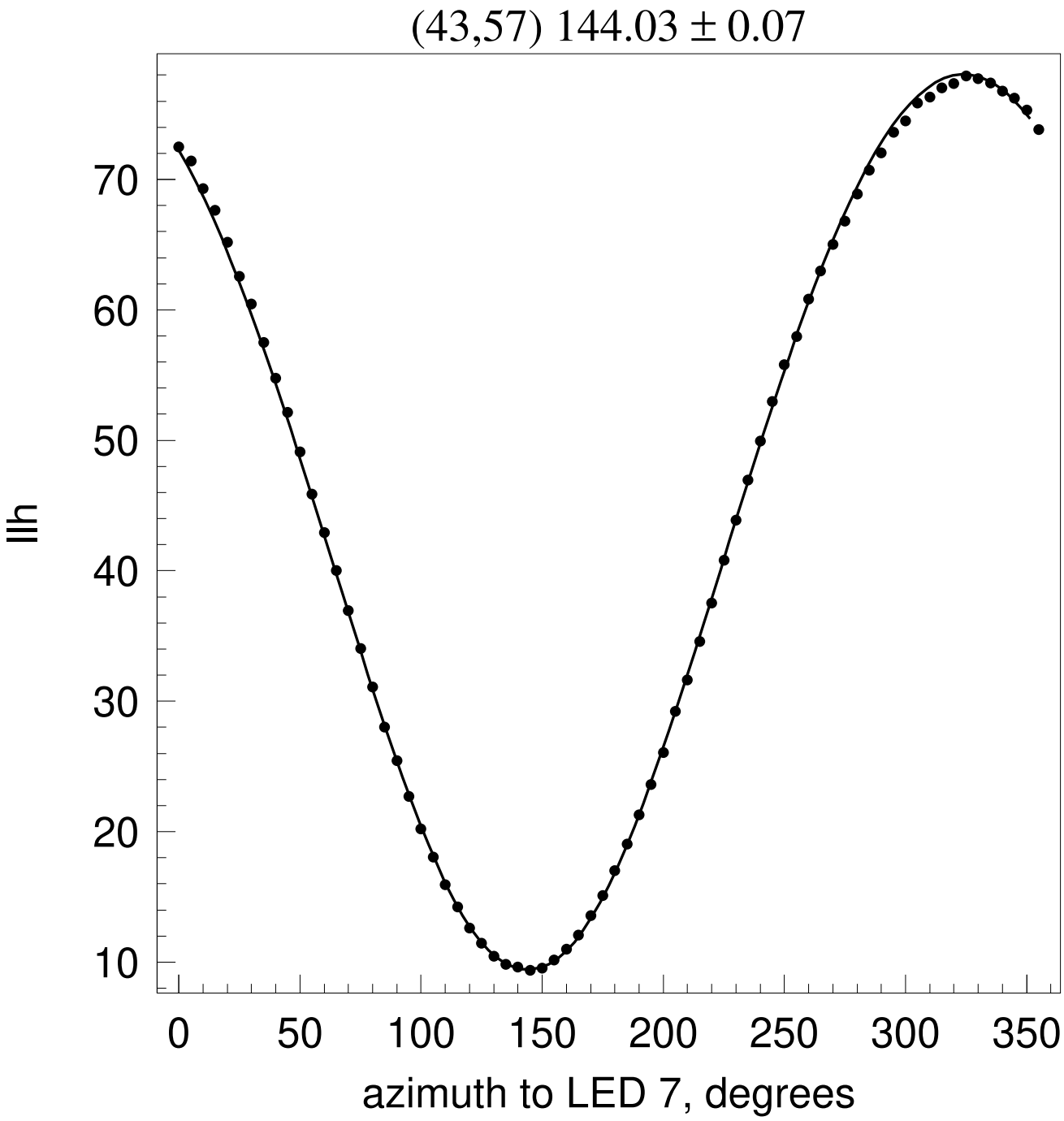

(43,52) 199.23 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

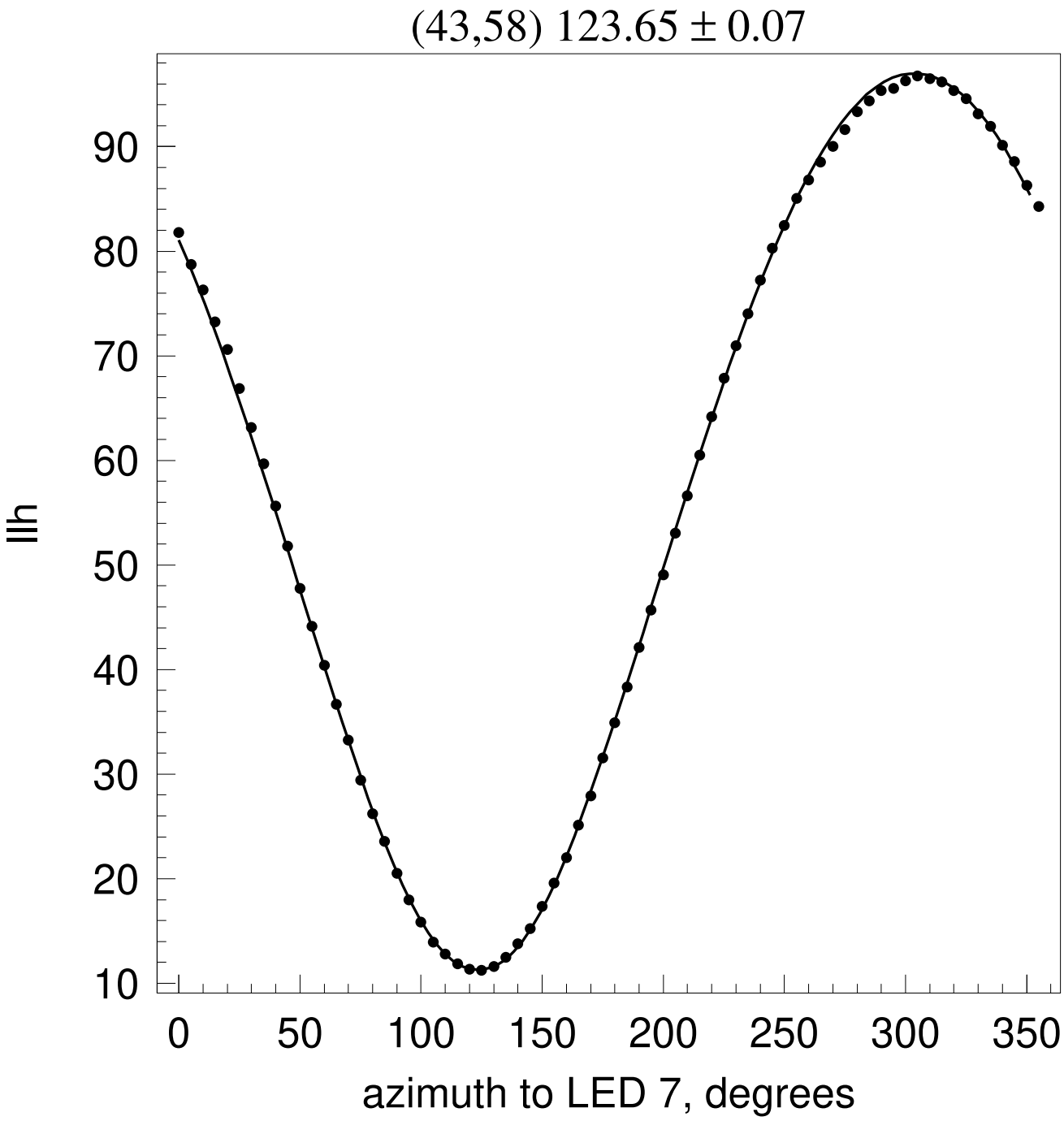

(43,53) 70.95 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

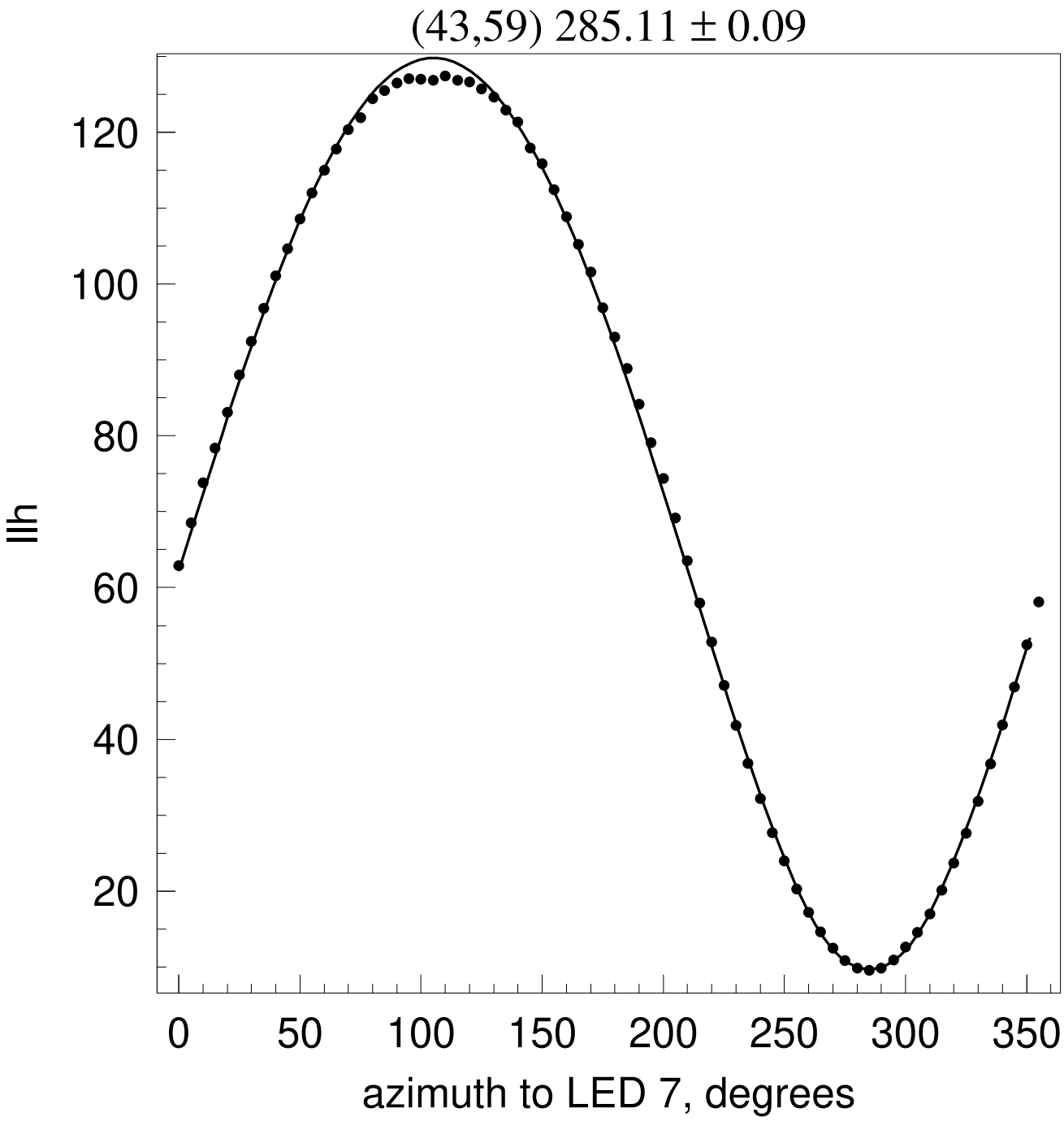

(43,54) 54.99 ± 1.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

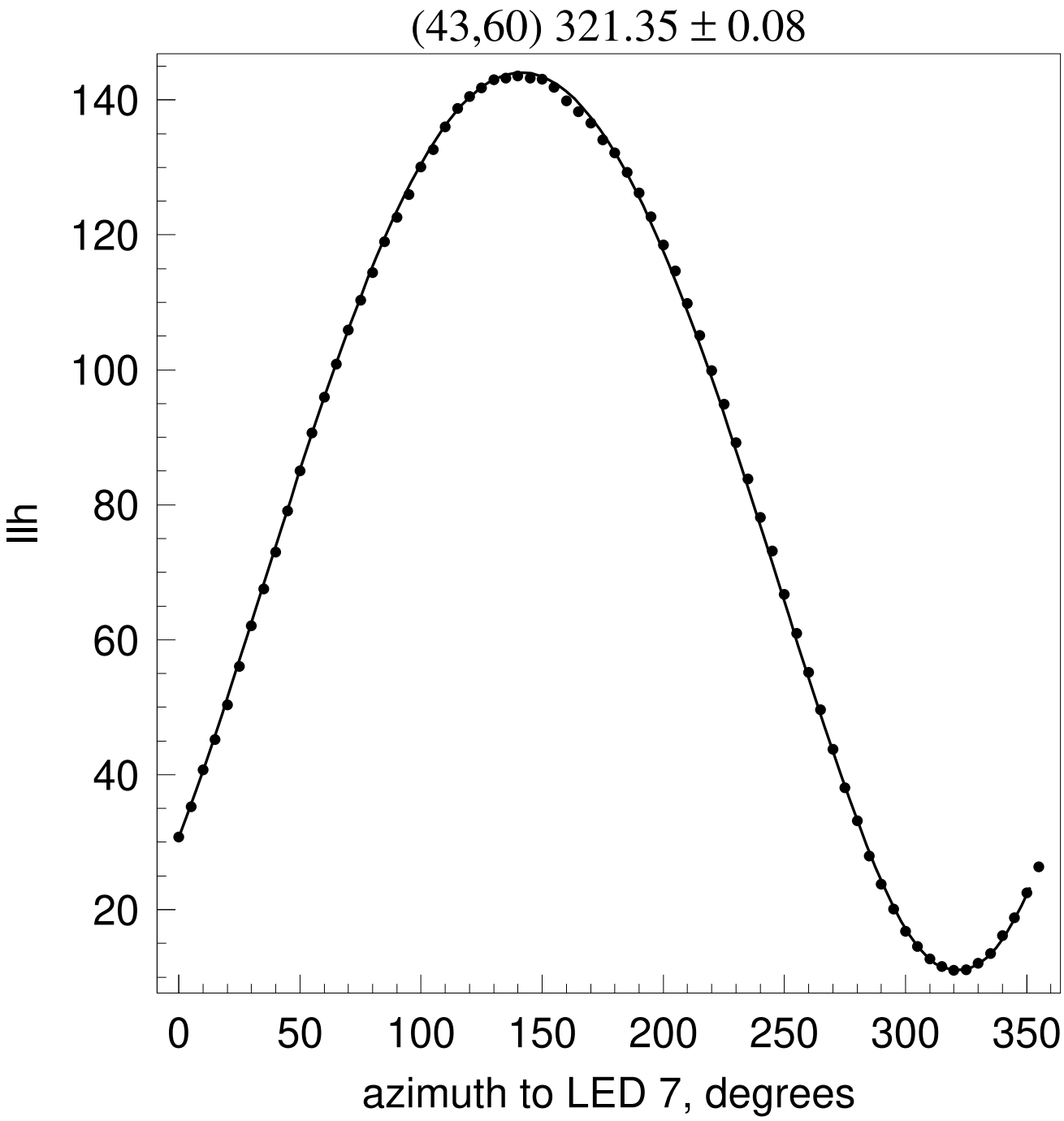

(43,55) 265.09 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

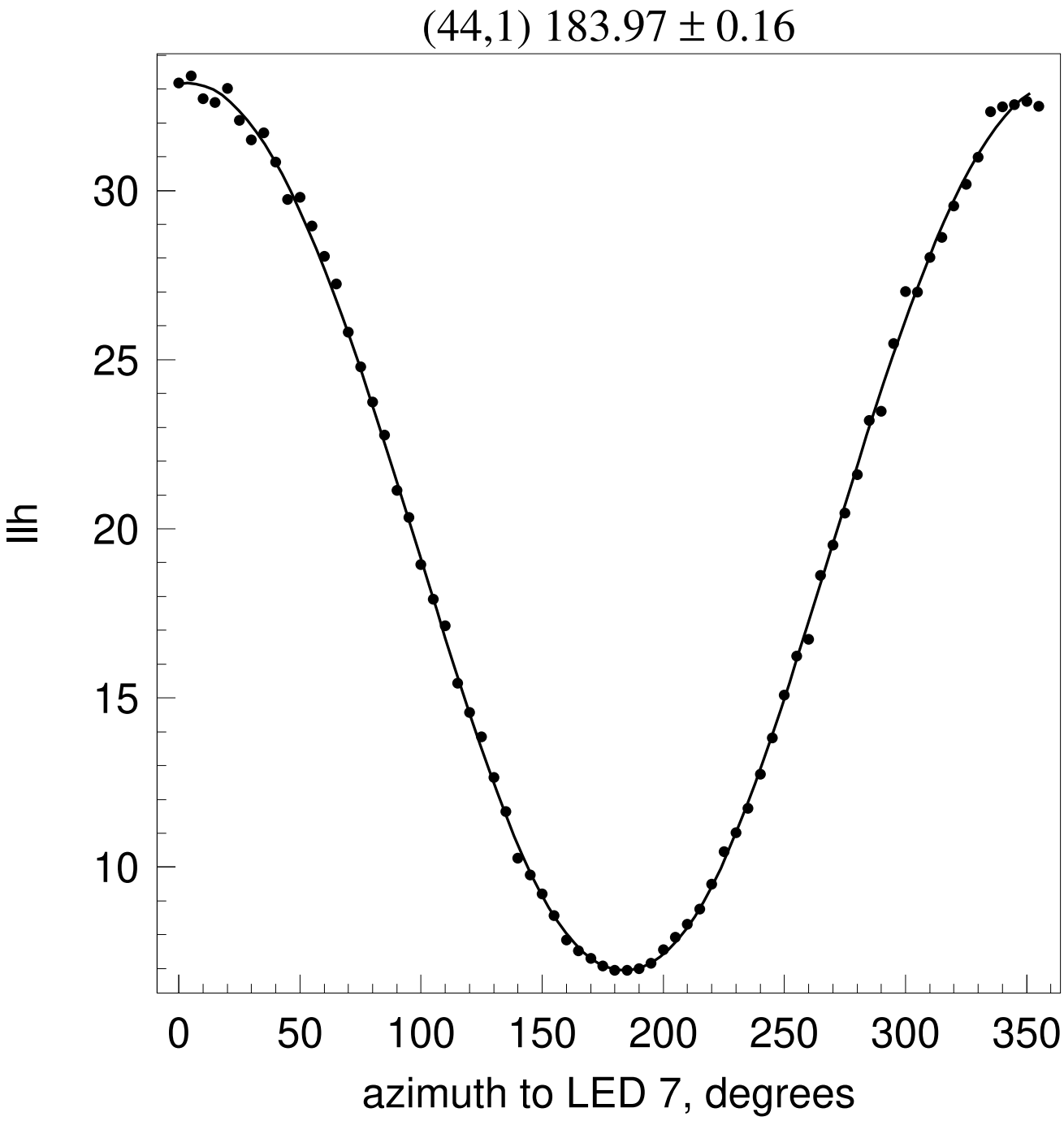

(43,56) 309.21 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

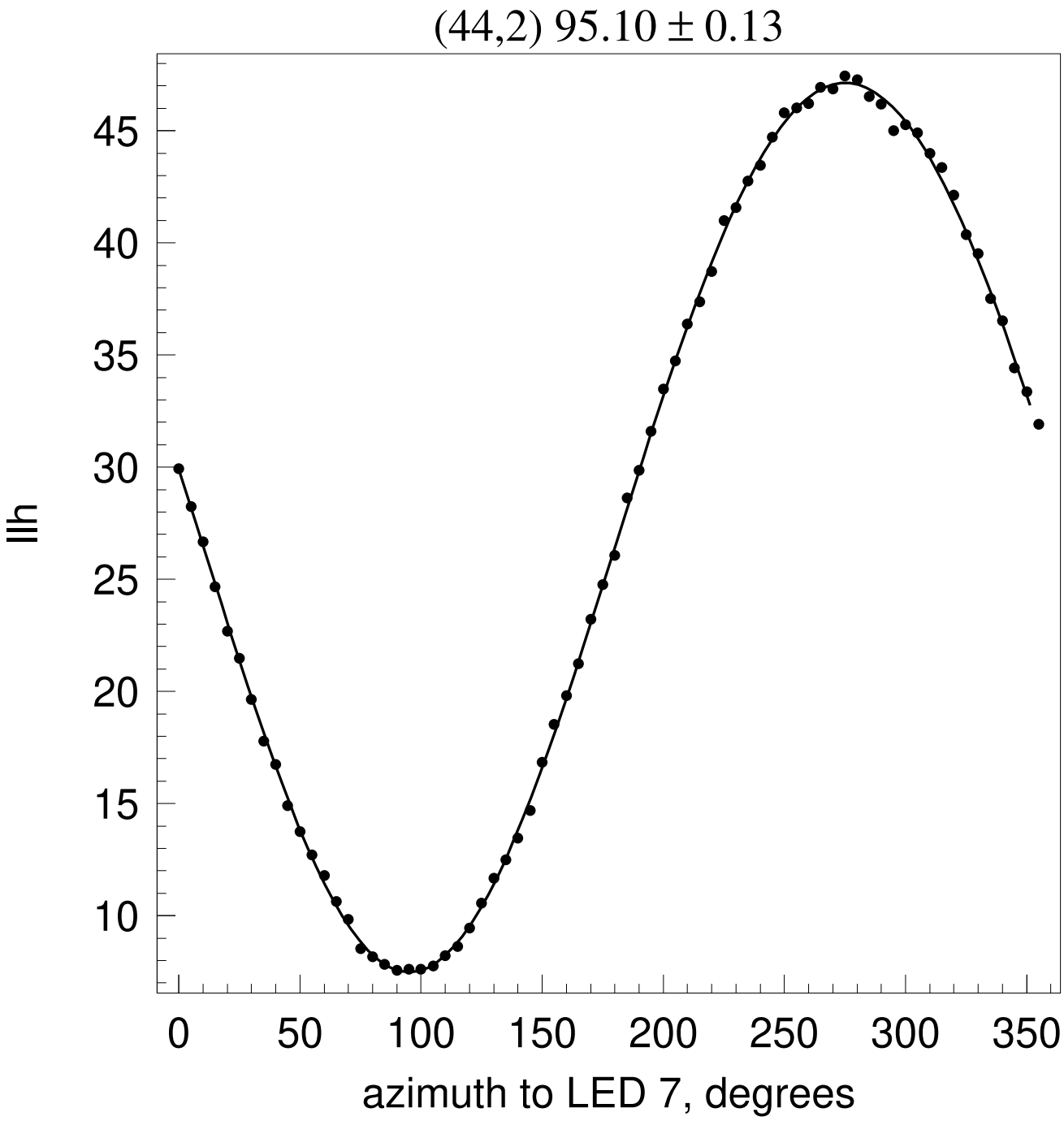

(43,57) 144.03 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

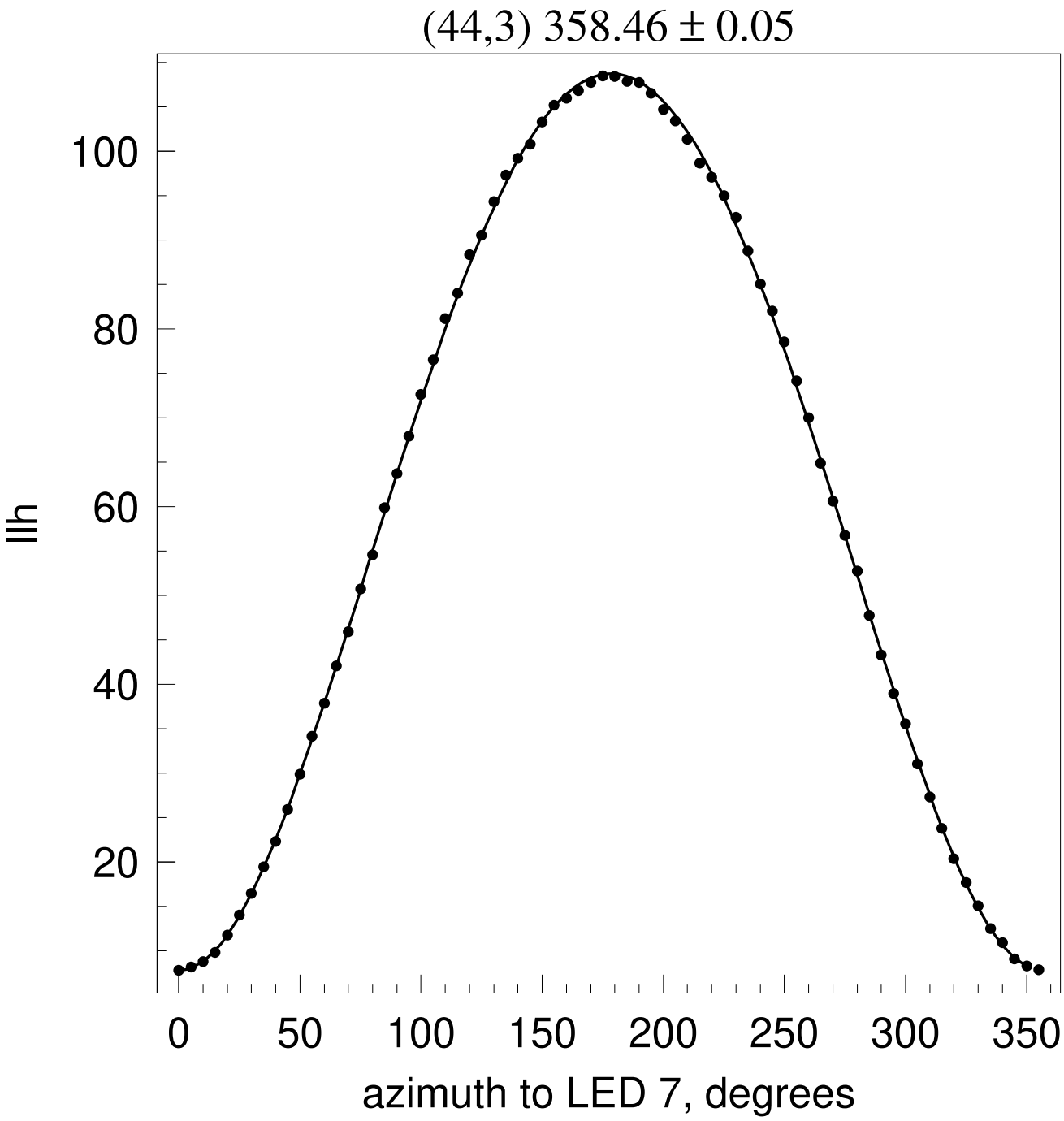

(43,58) 123.65 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

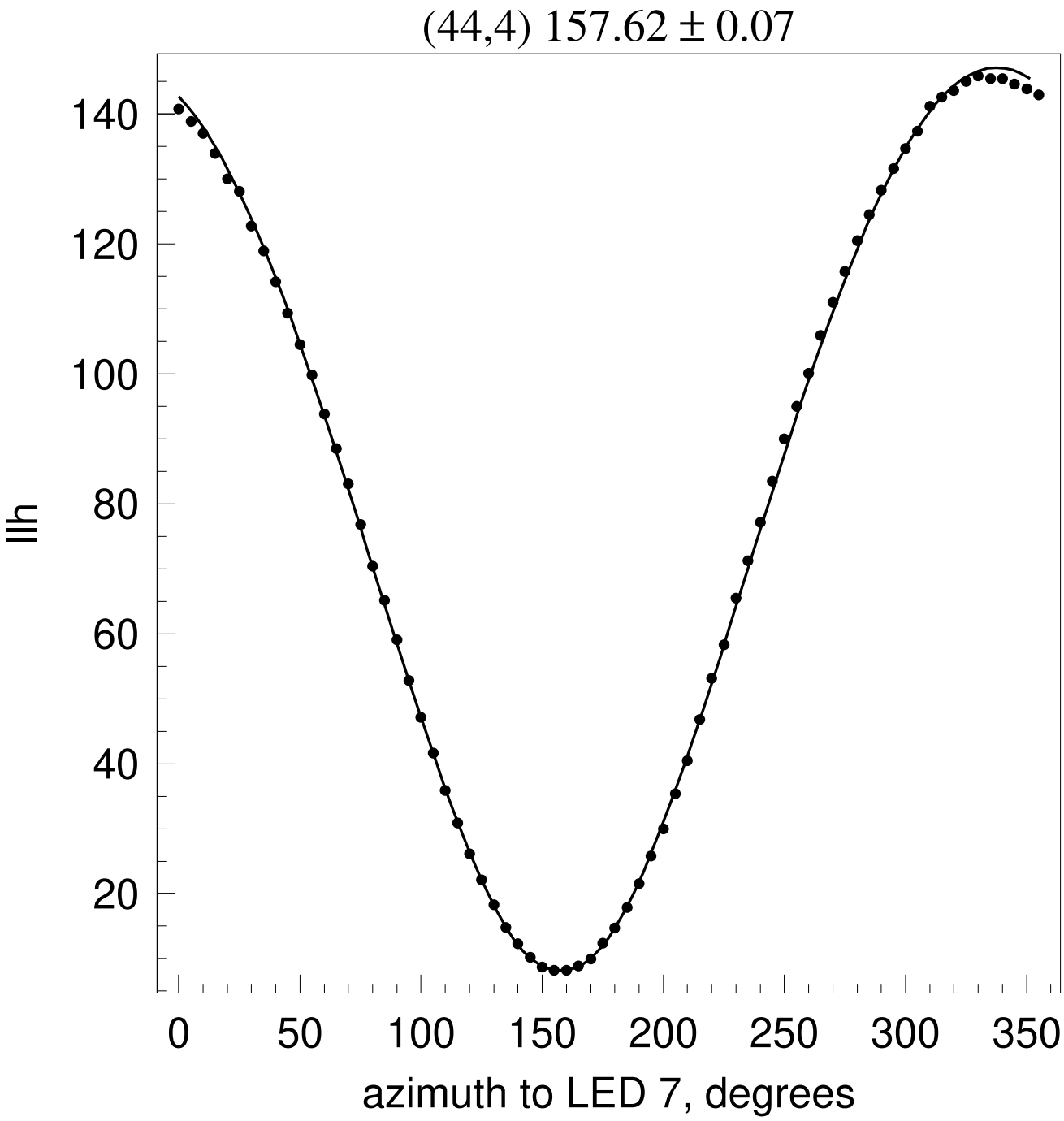

(43,59) 285.11 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

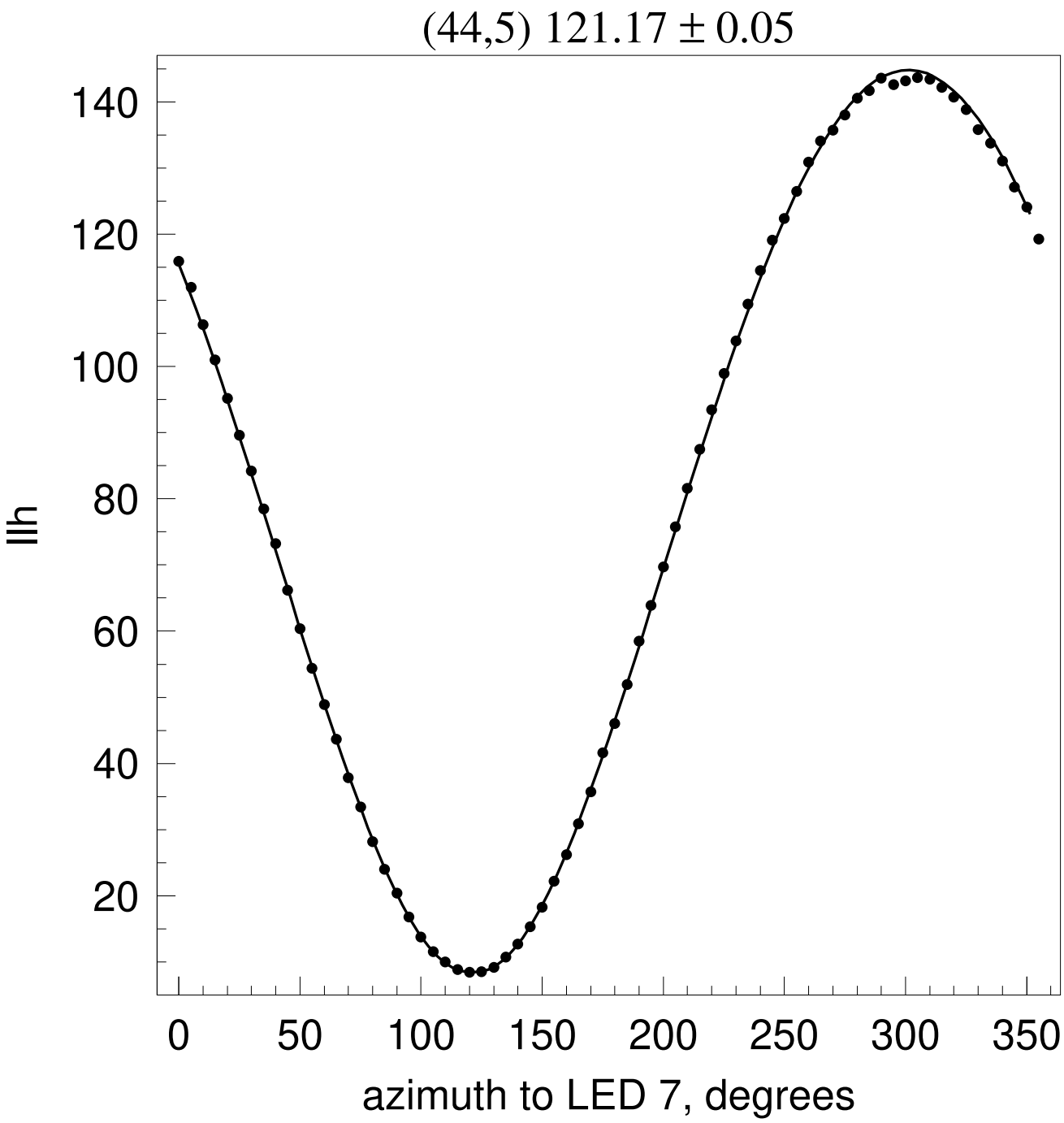

(43,60) 321.35 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

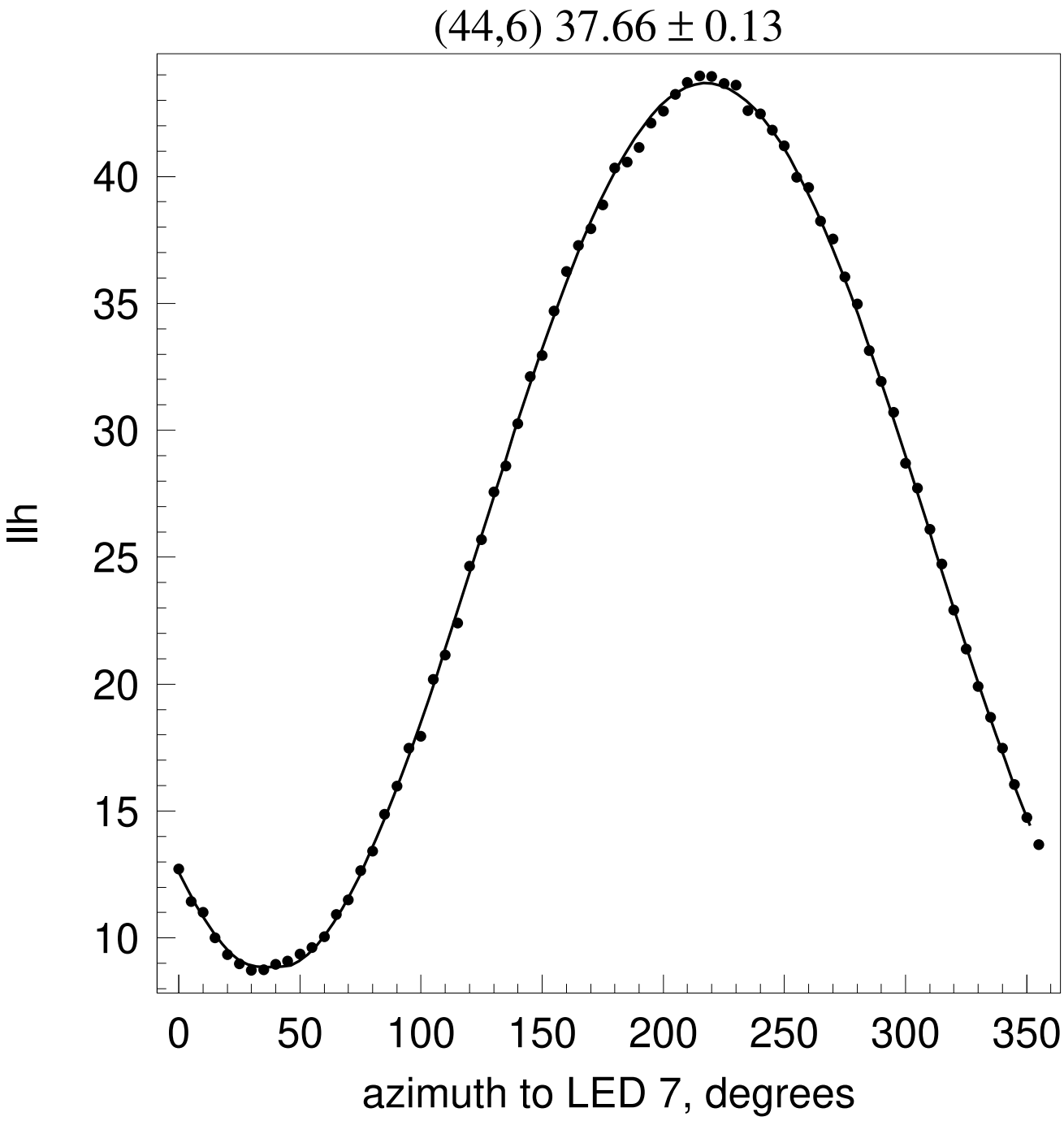

(44,1) 183.97 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

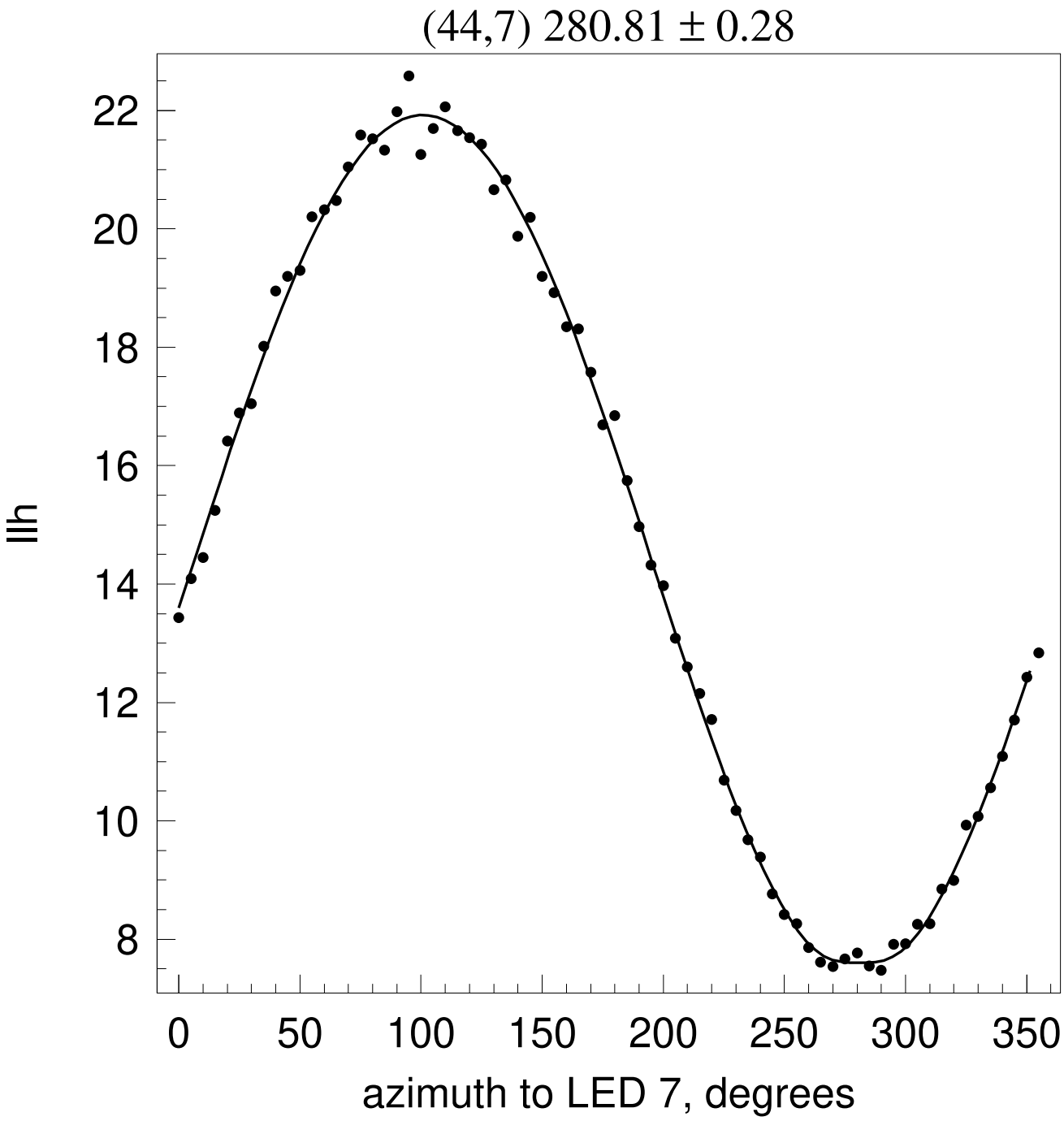

(44,2) 95.10 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

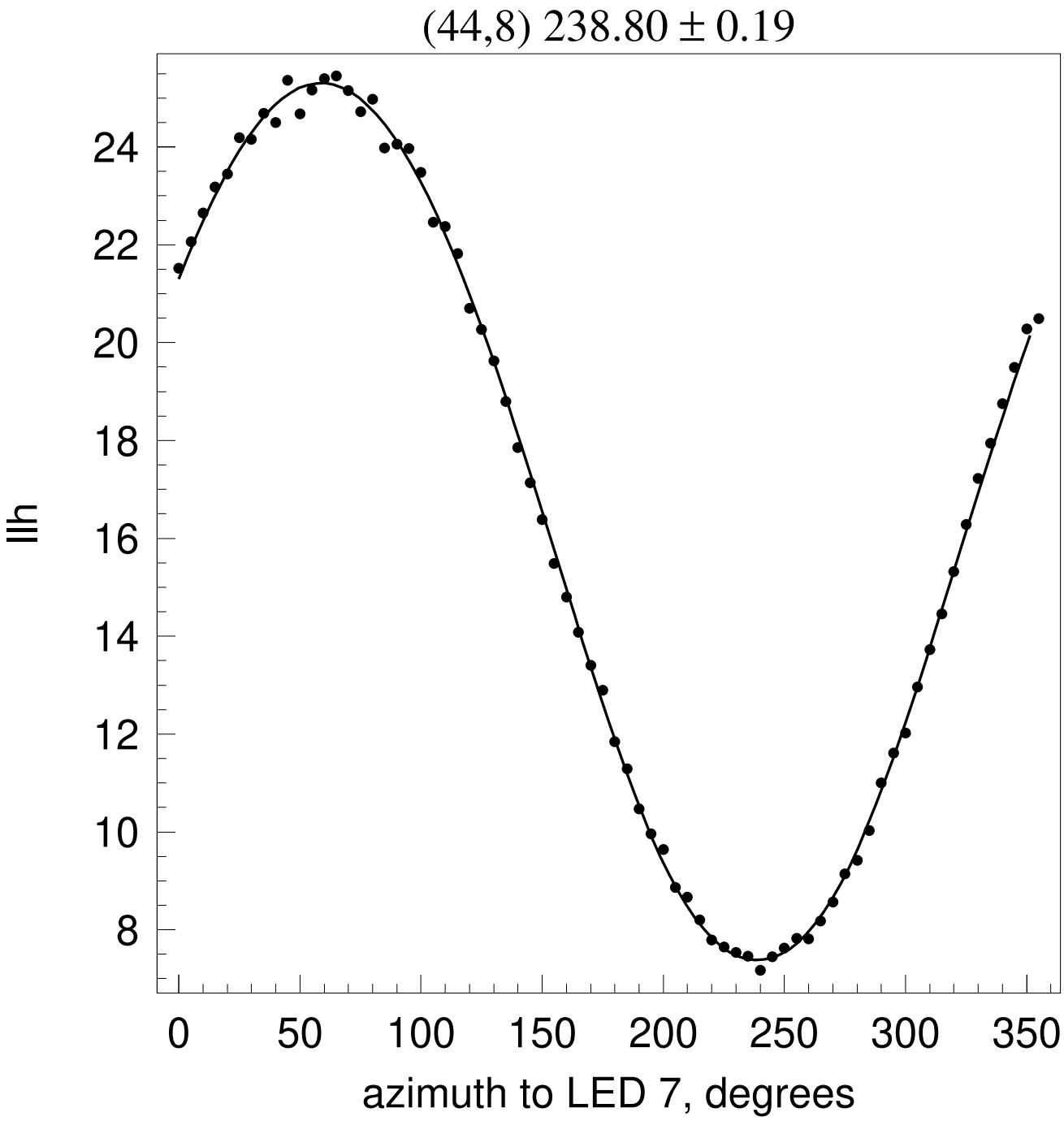

(44,3) 358.46 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

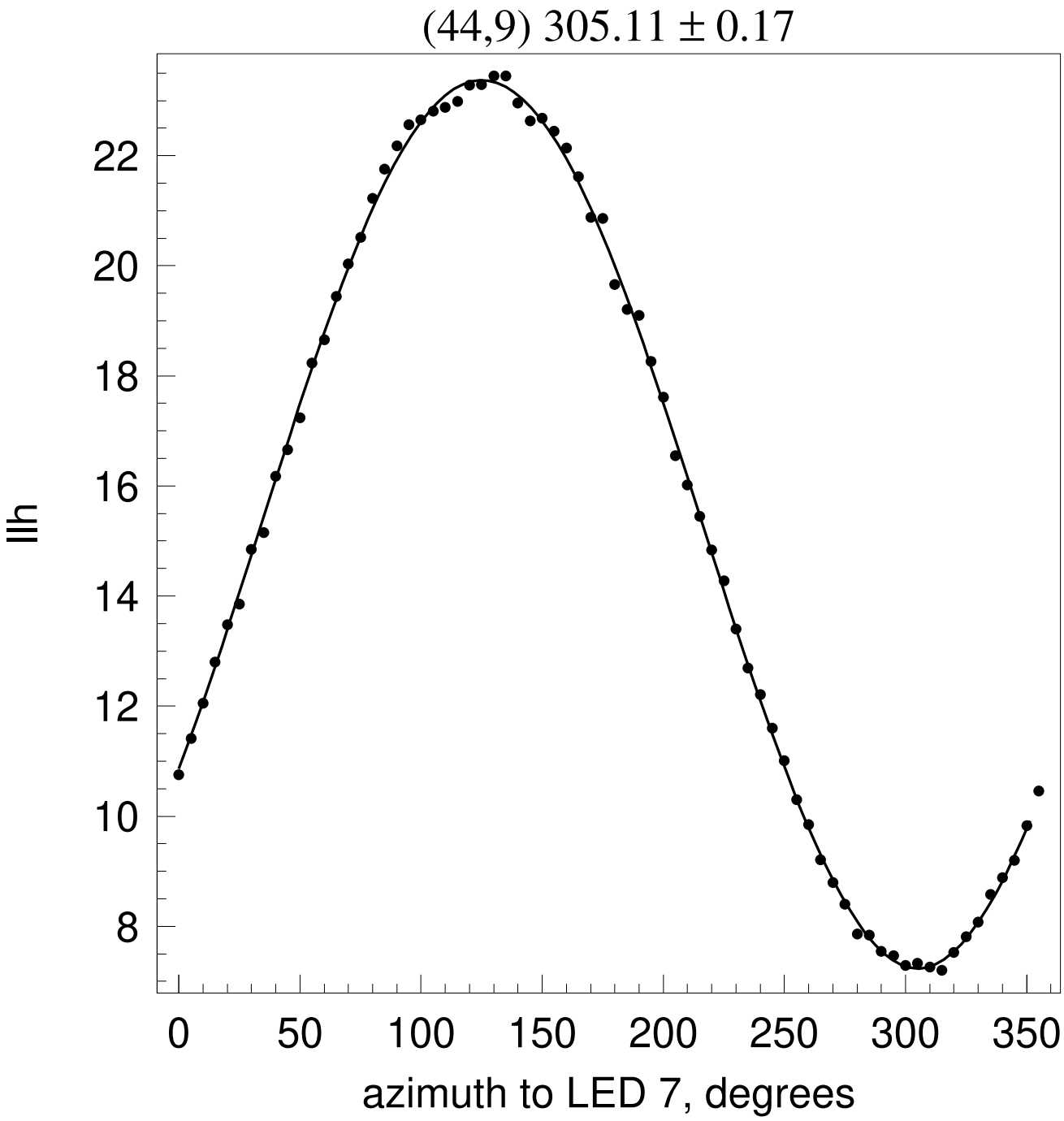

(44,4) 157.62 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

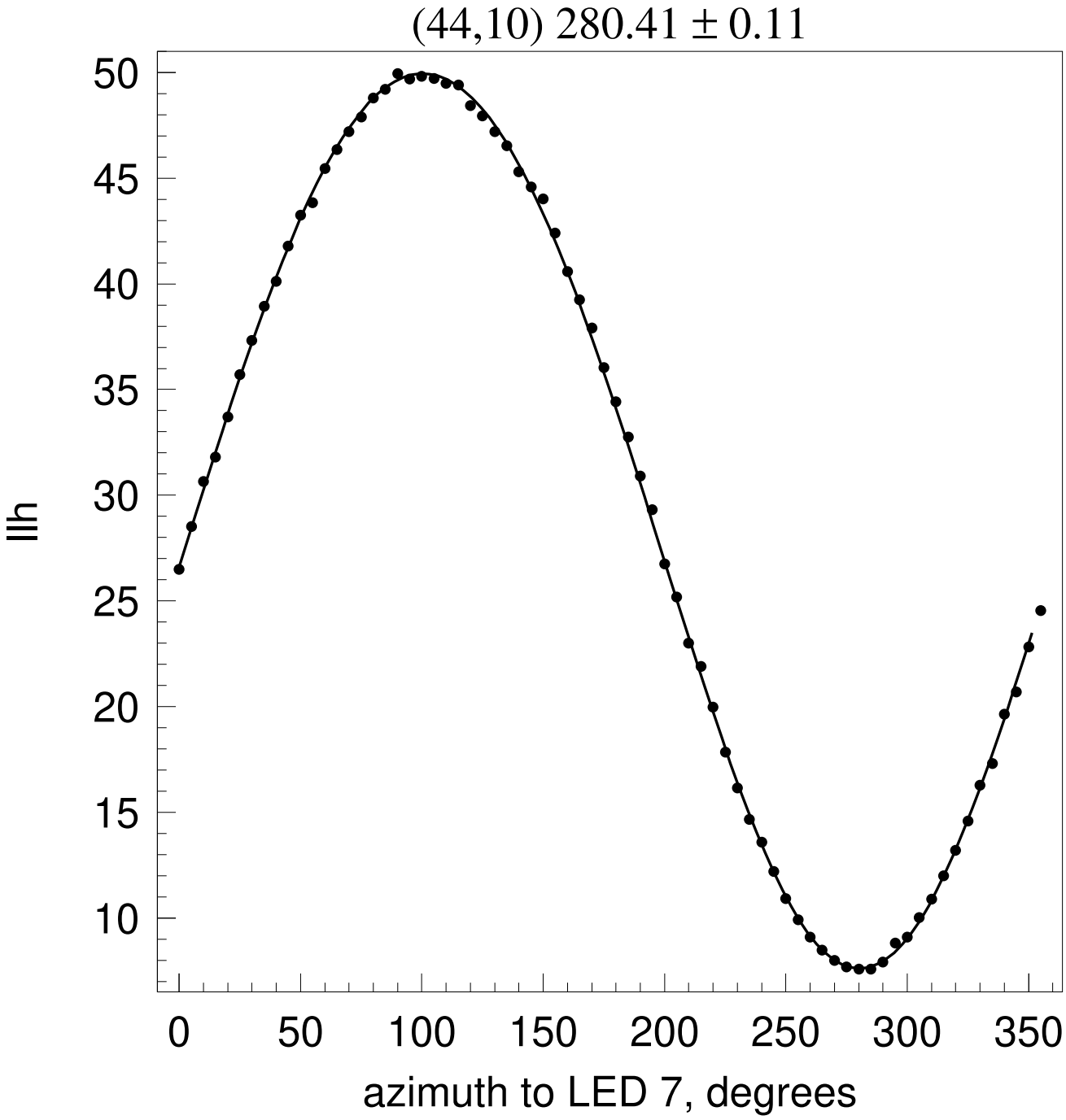

(44,5) 121.17 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

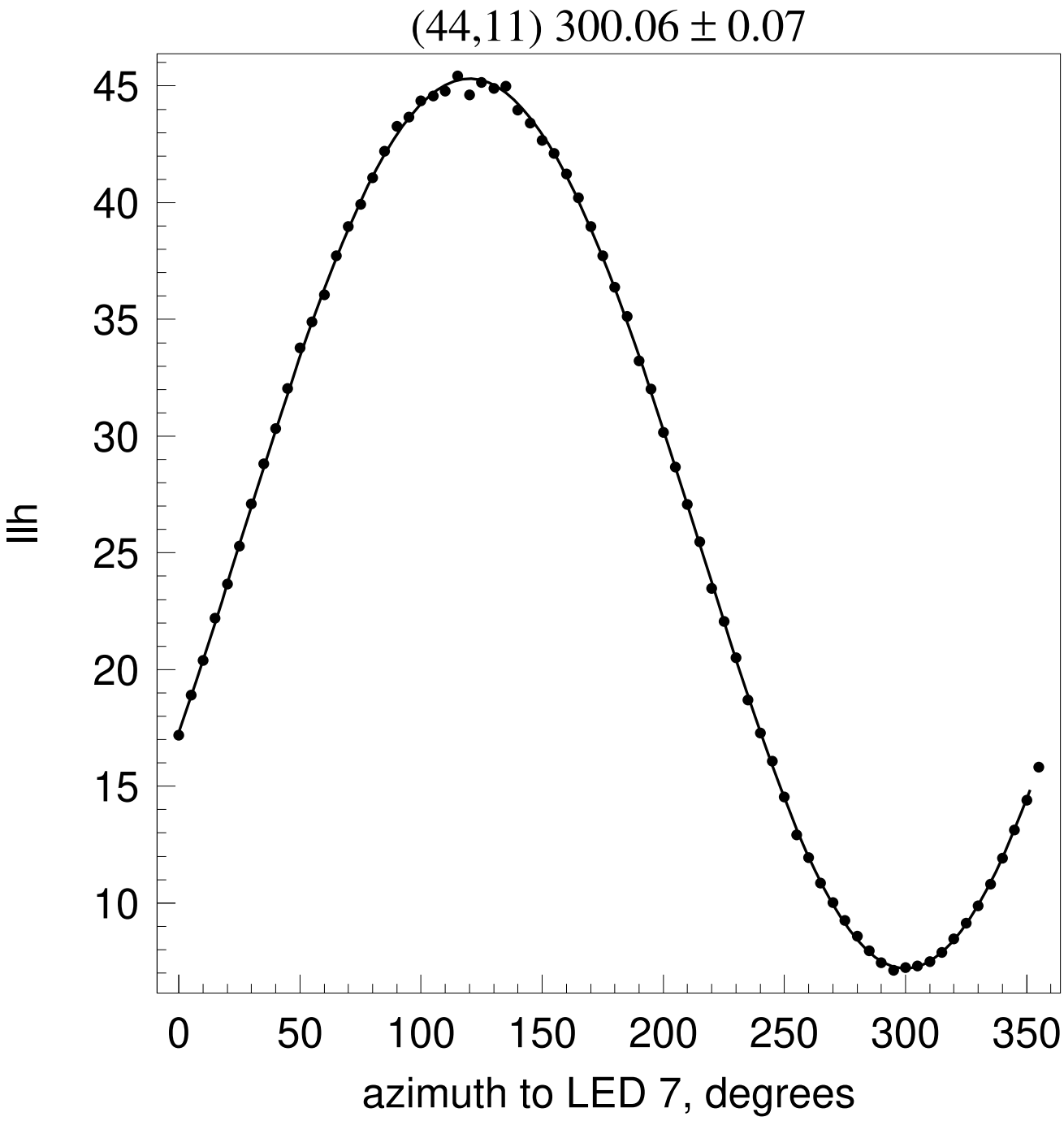

(44,6) 37.66 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

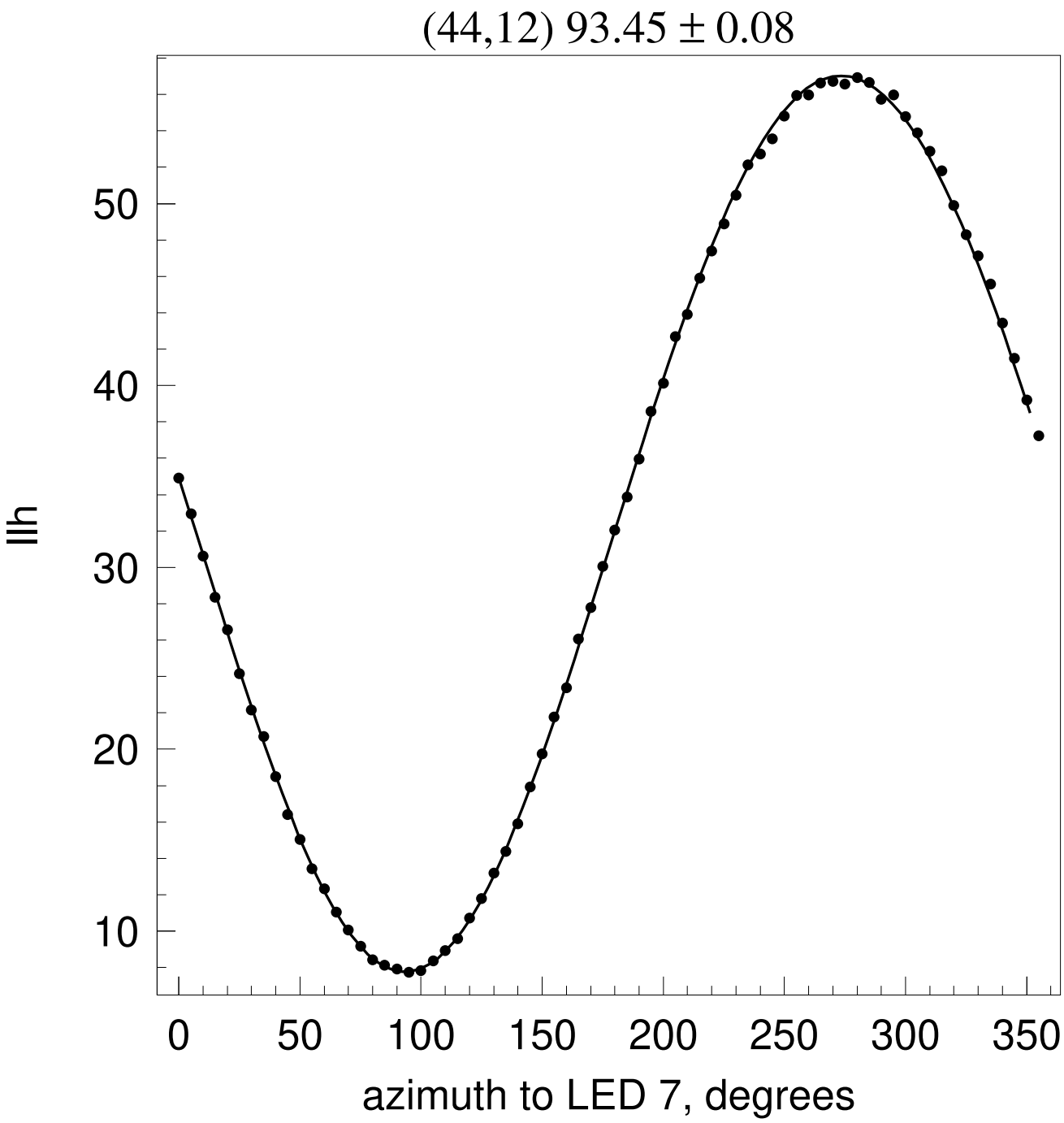

(44,7) 280.81 ± 0.28
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

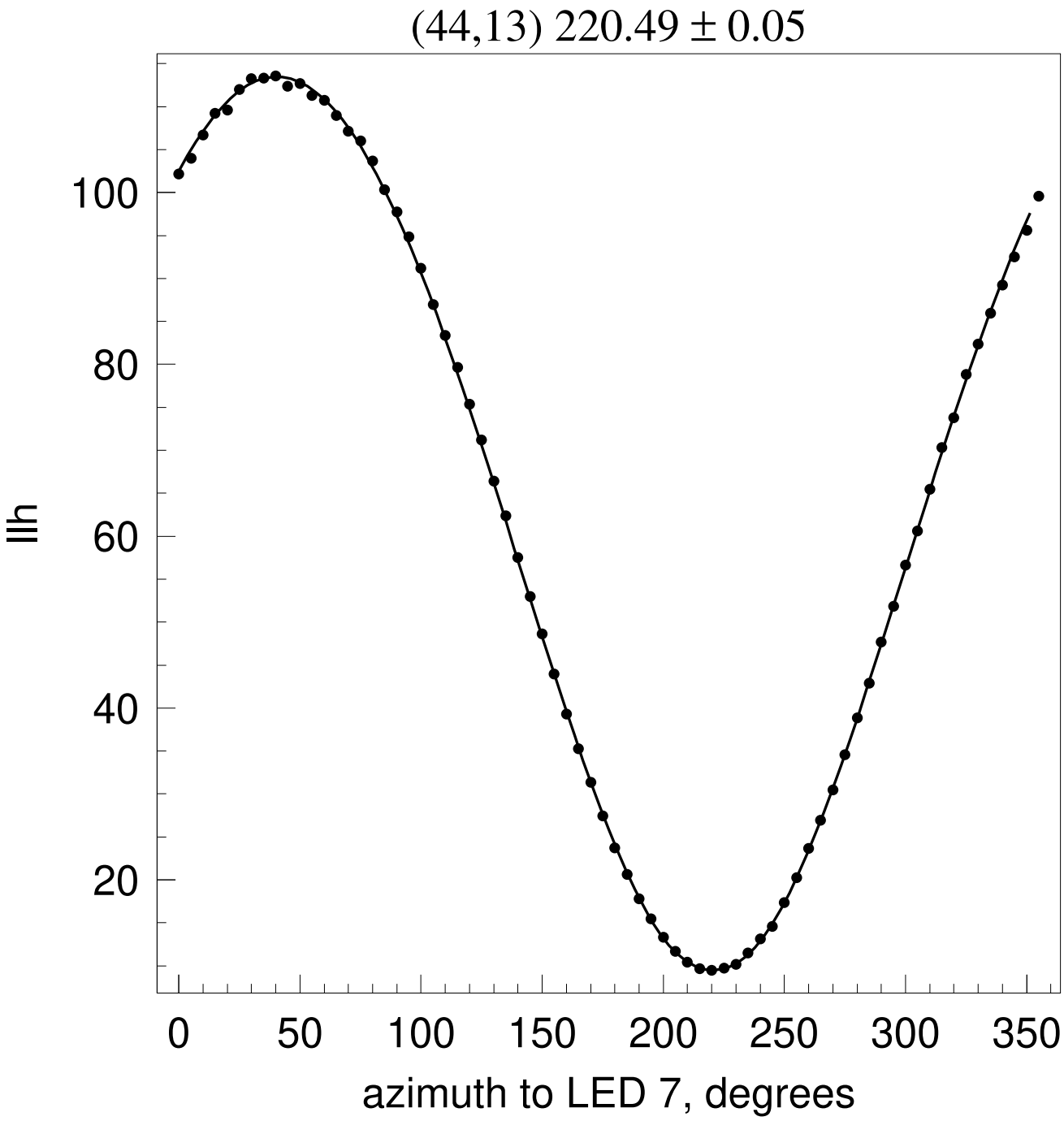

(44,8) 238.80 ± 0.19
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

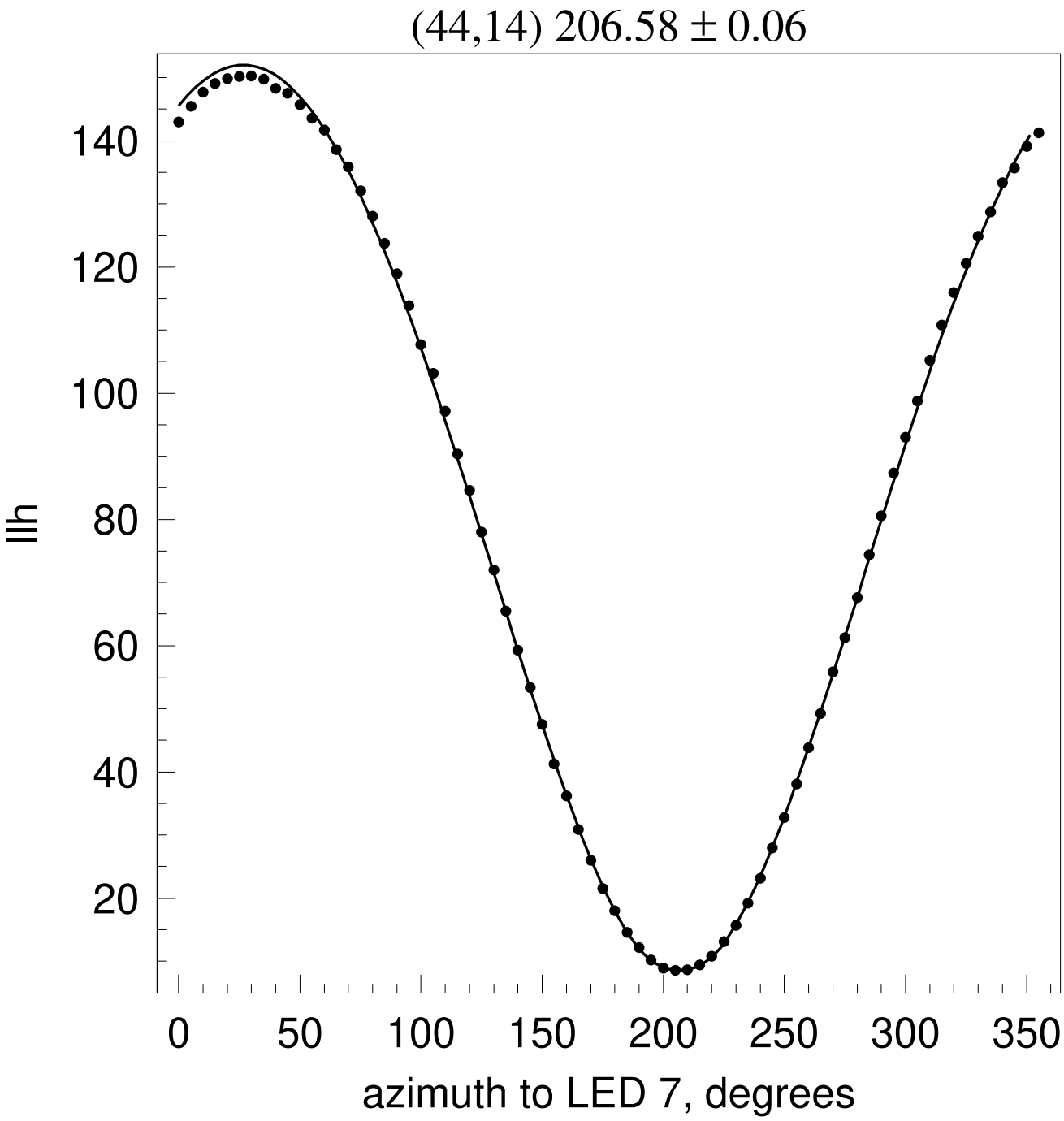

(44,9) 305.11 ± 0.17
IIh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

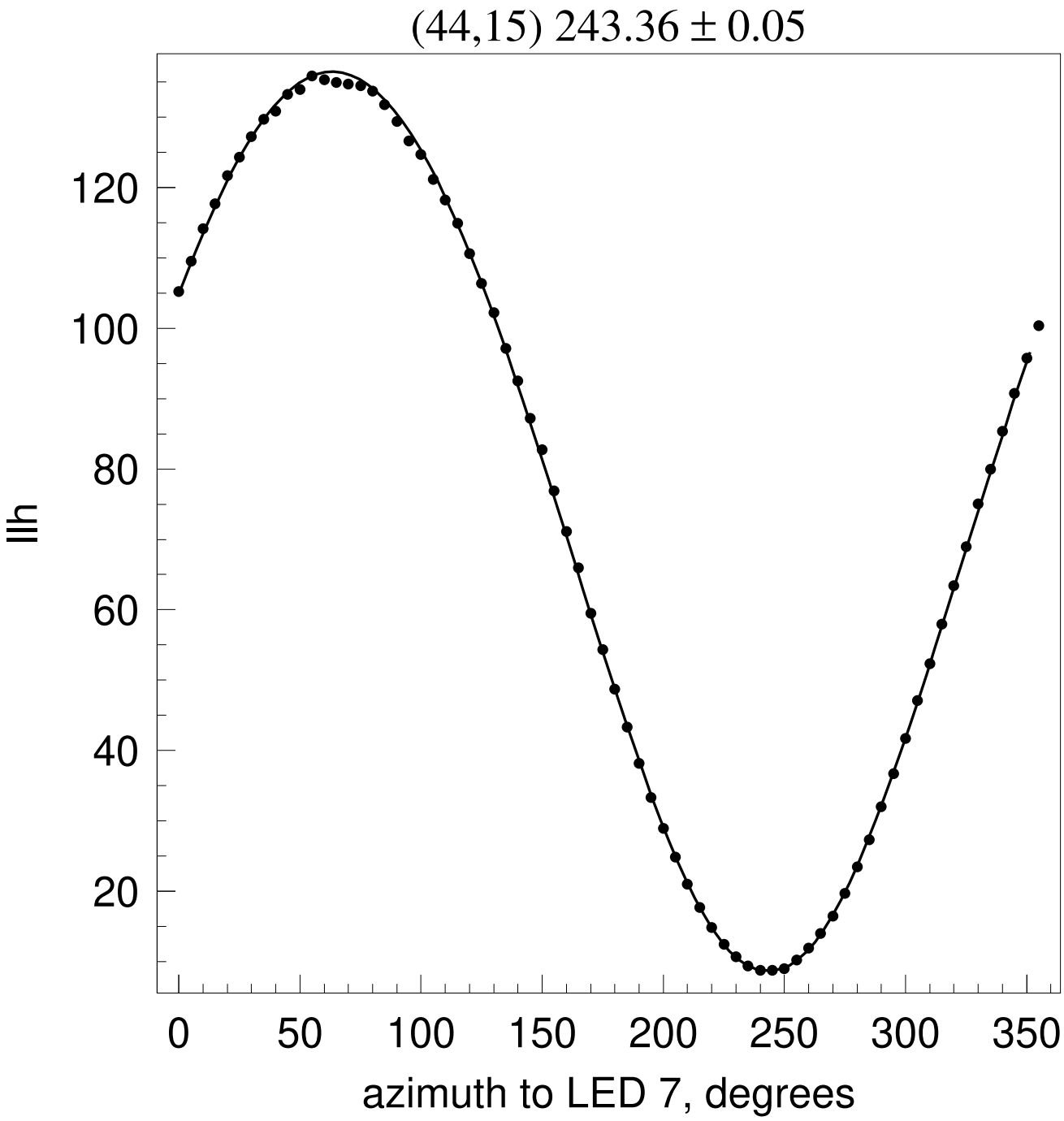

(44,10) 280.41 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

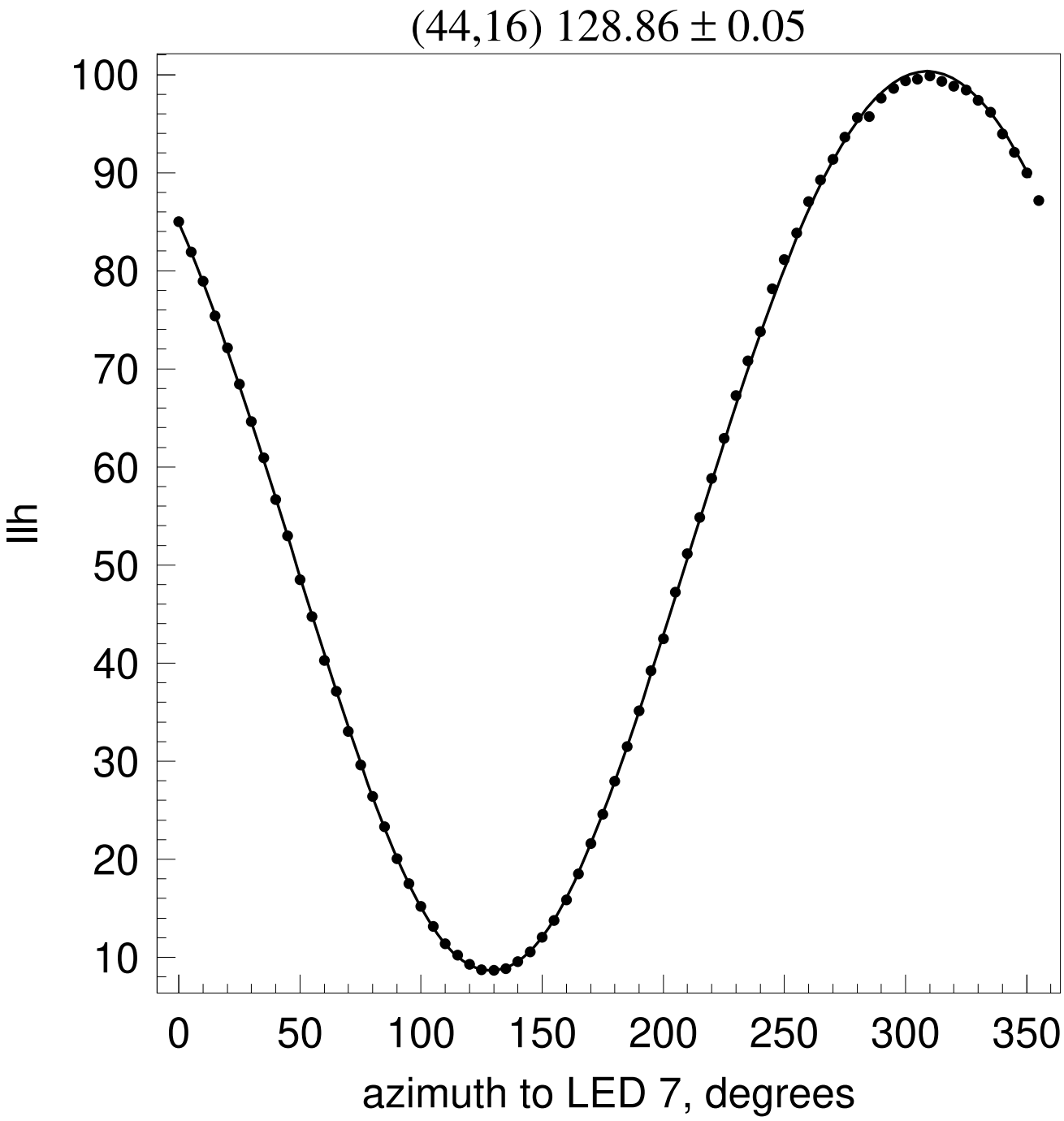

(44,11) 300.06 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

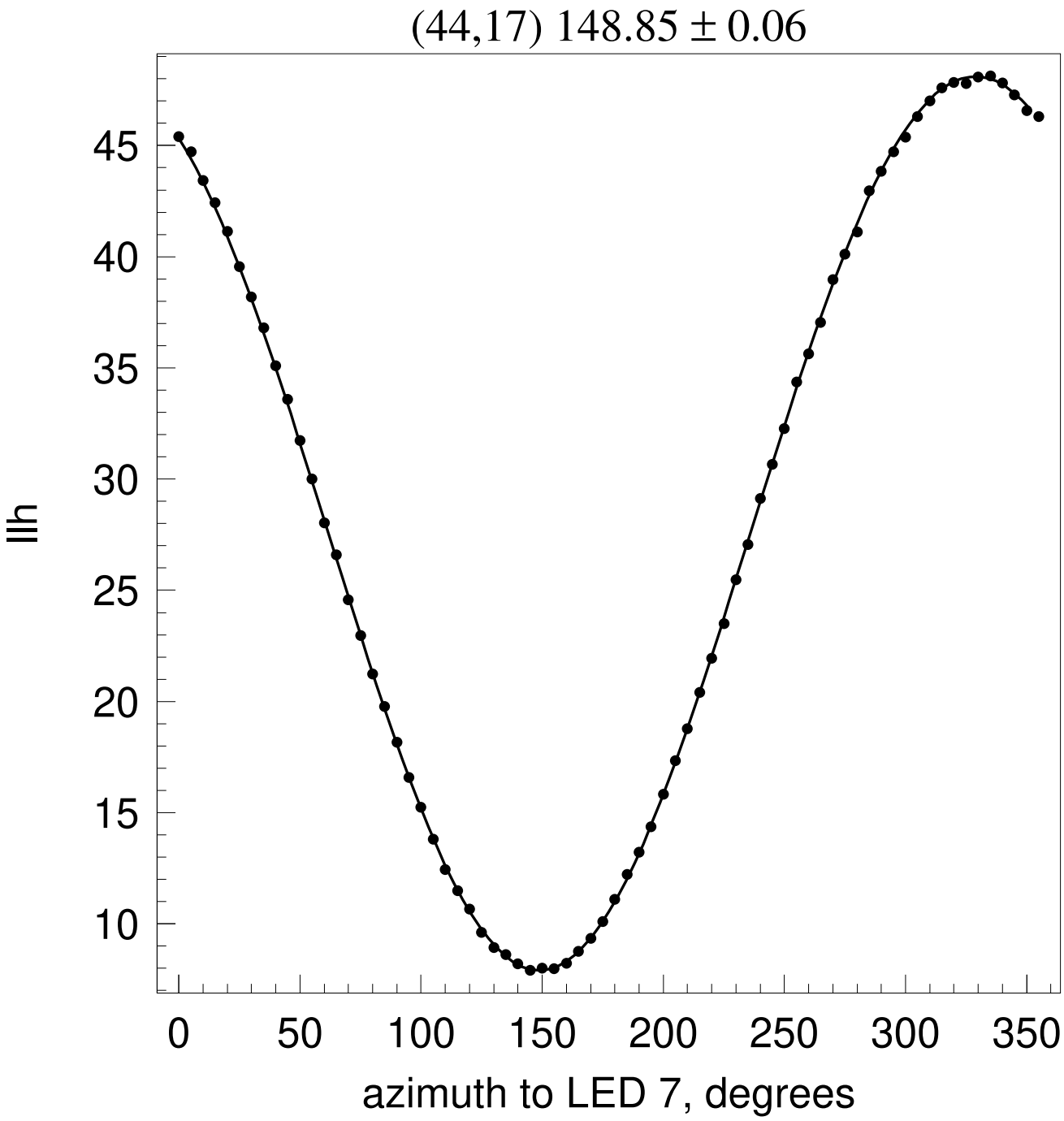

(44,12) 93.45 ± 0.08
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

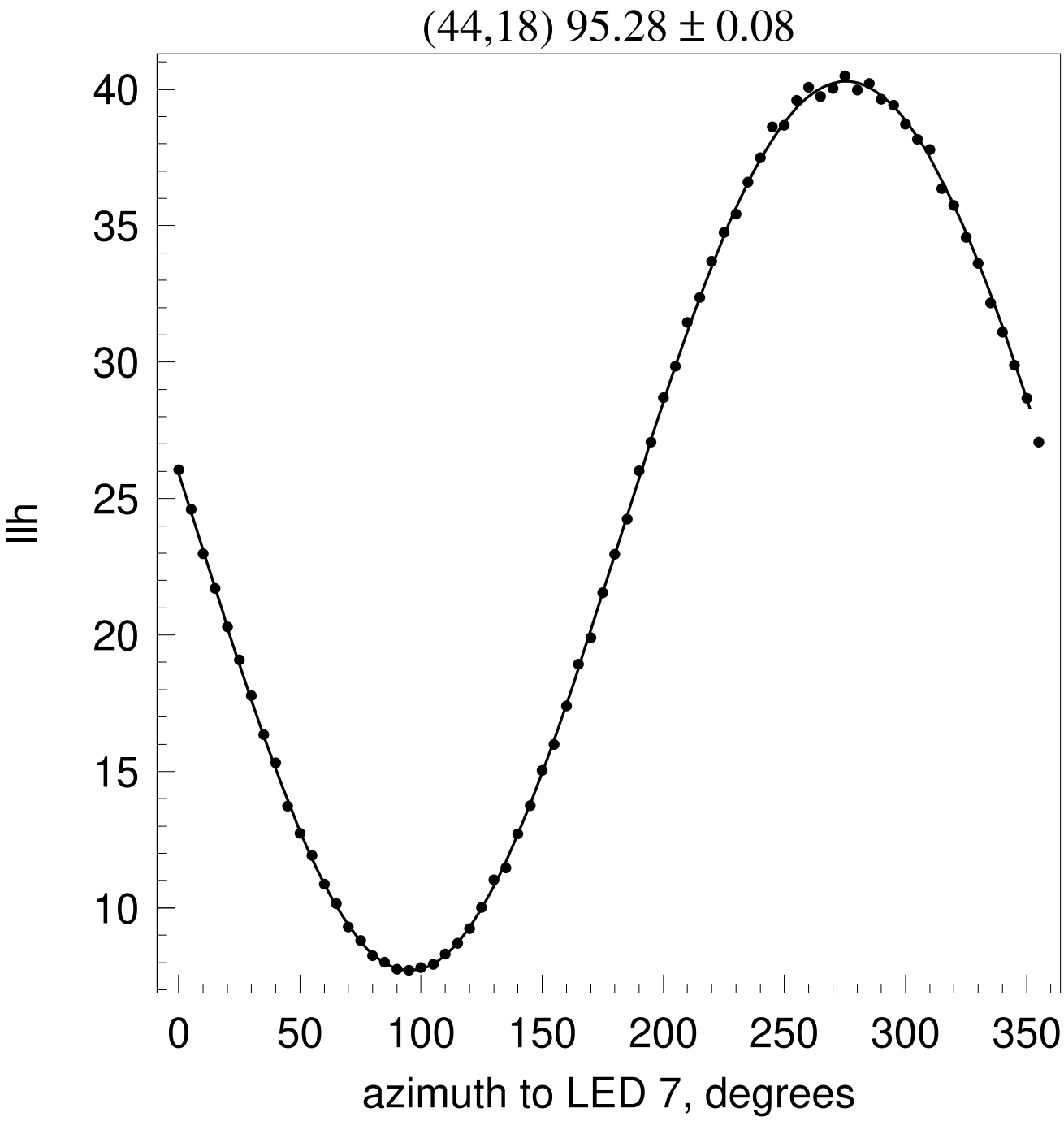

(44,13) 220.49 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

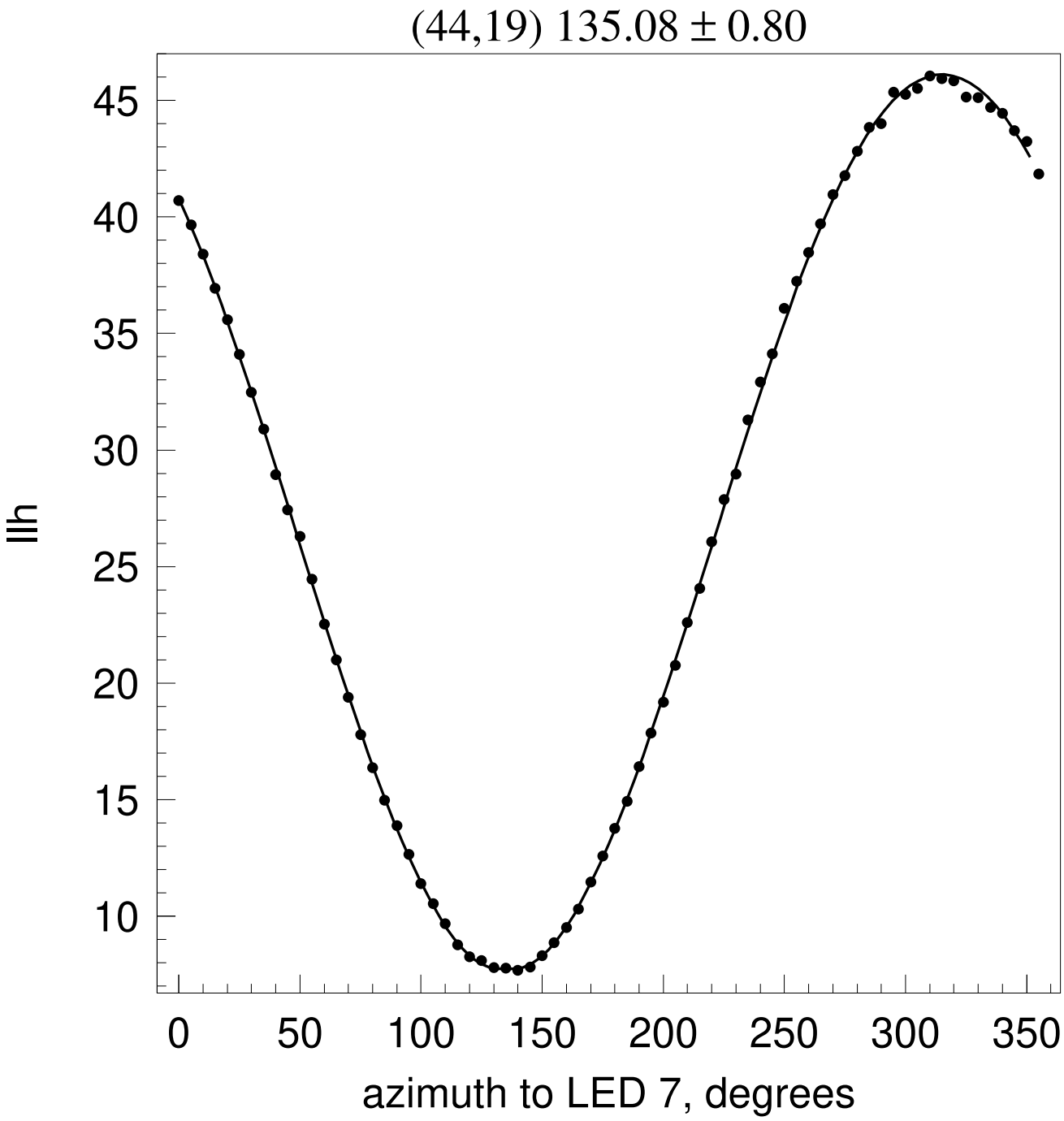

(44,14) 206.58 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

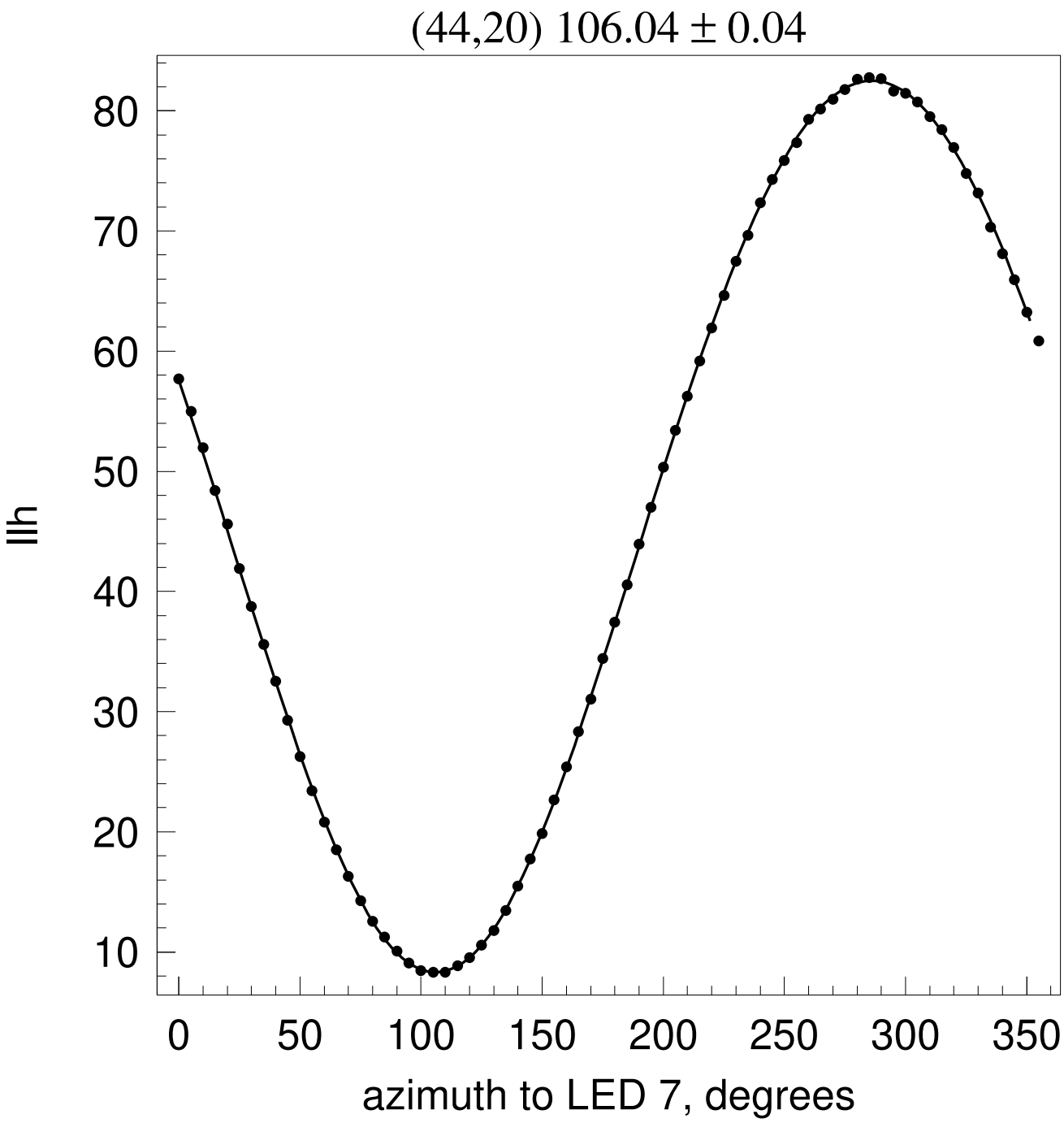

(44,15) 243.36 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

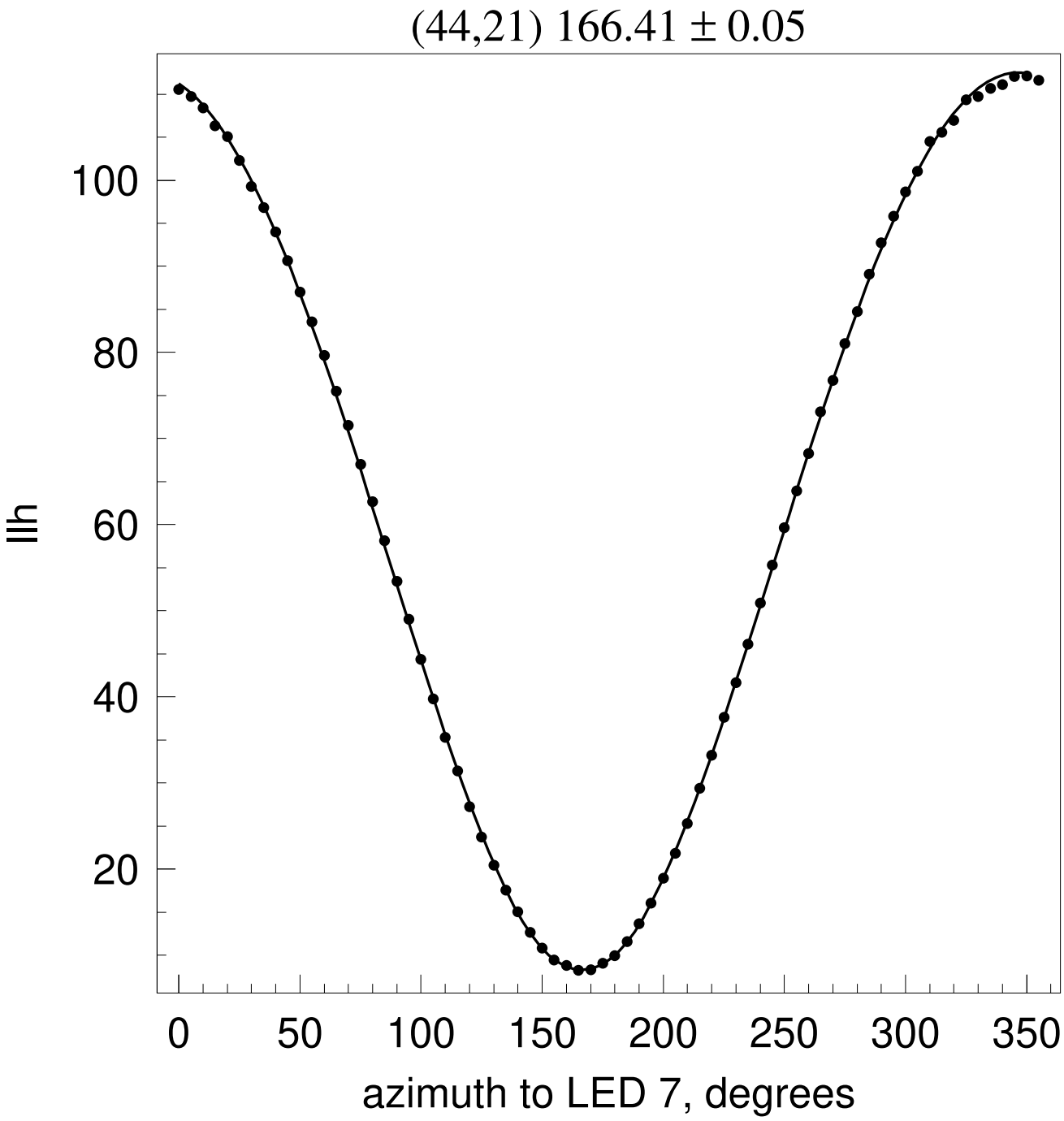

(44,16) 128.86 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

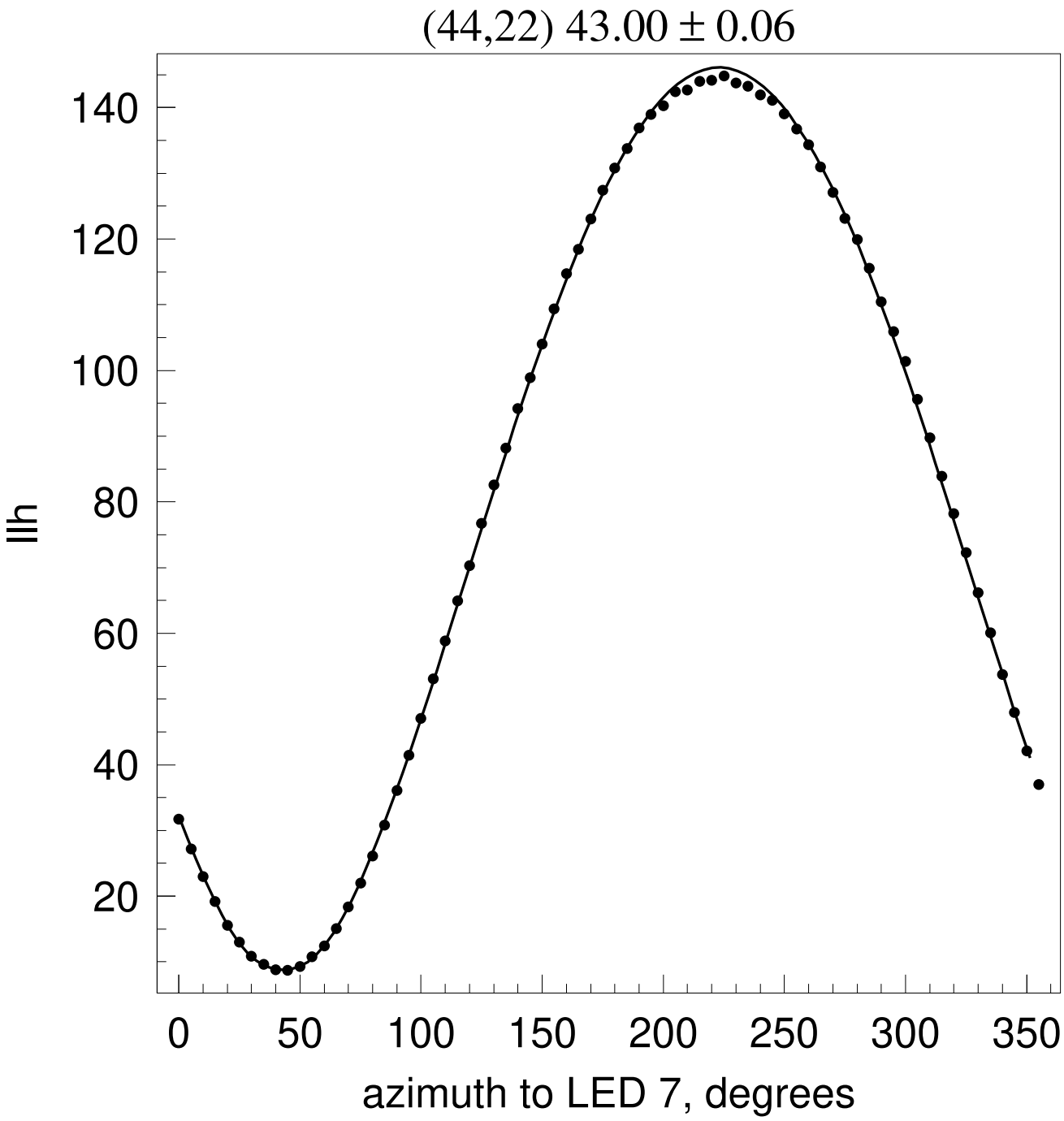

(44,17) 148.85 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

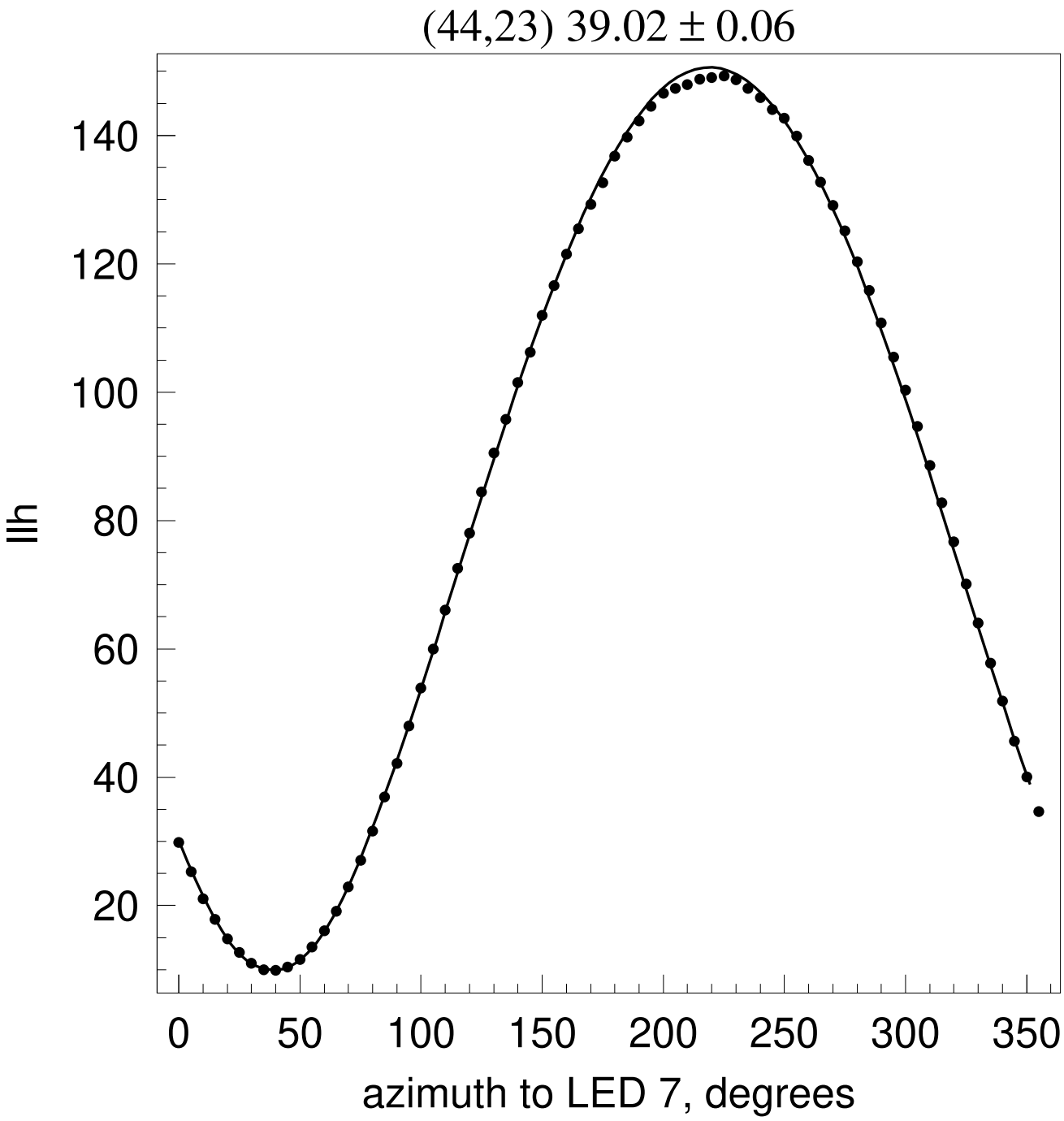

(44,18) 95.28 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

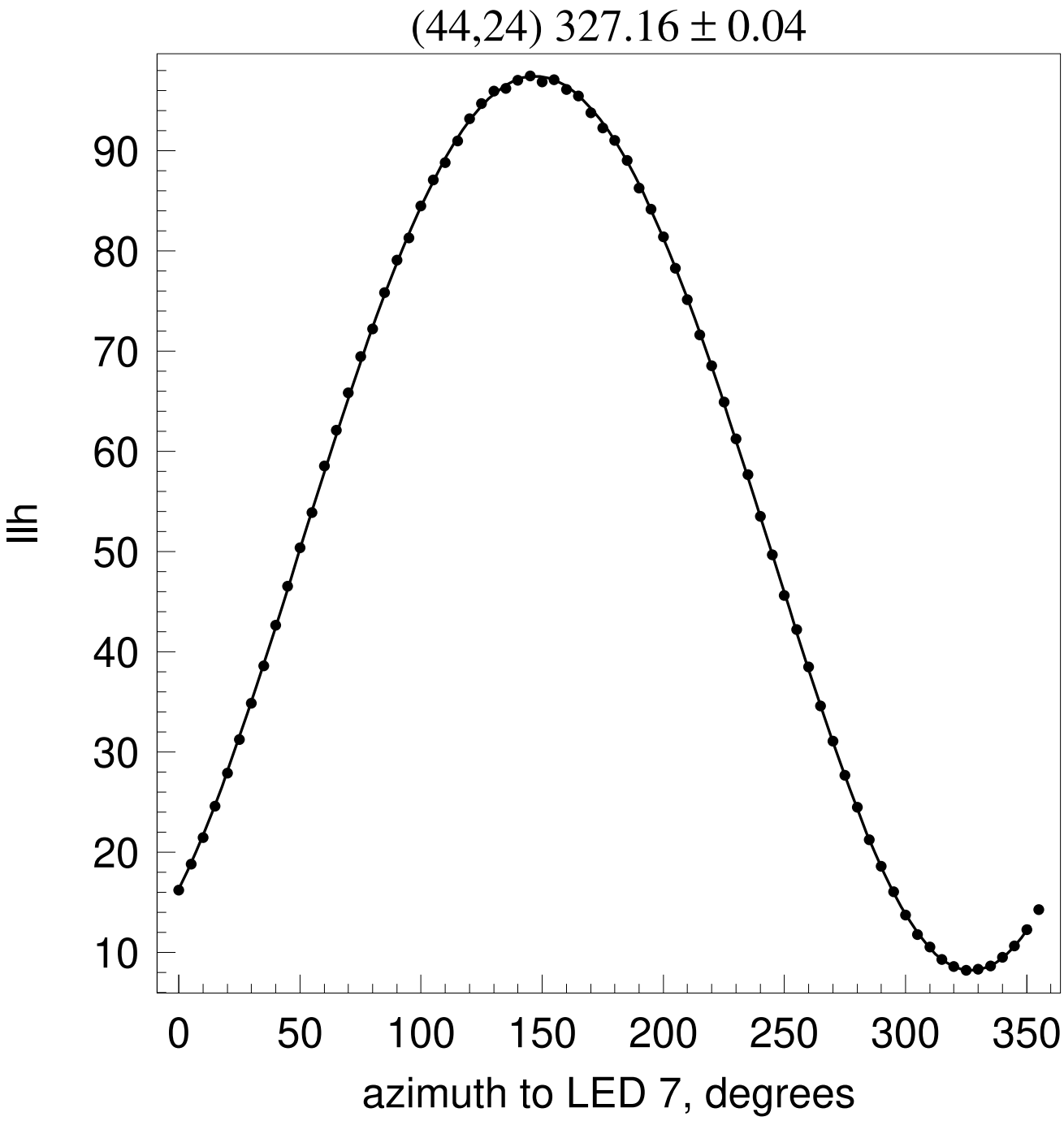

(44,19) 135.08 ± 0.80
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

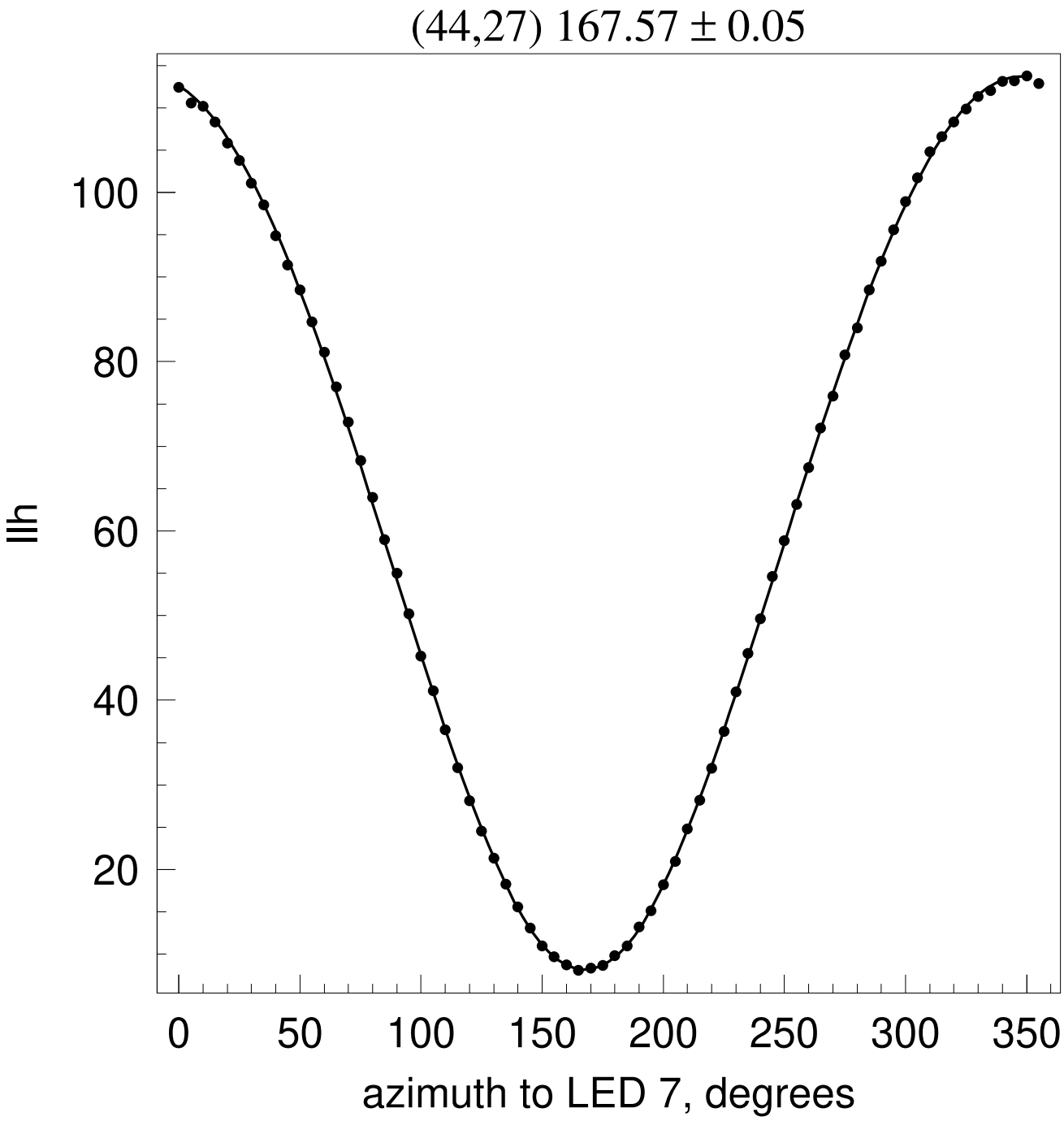

(44,20) 106.04 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

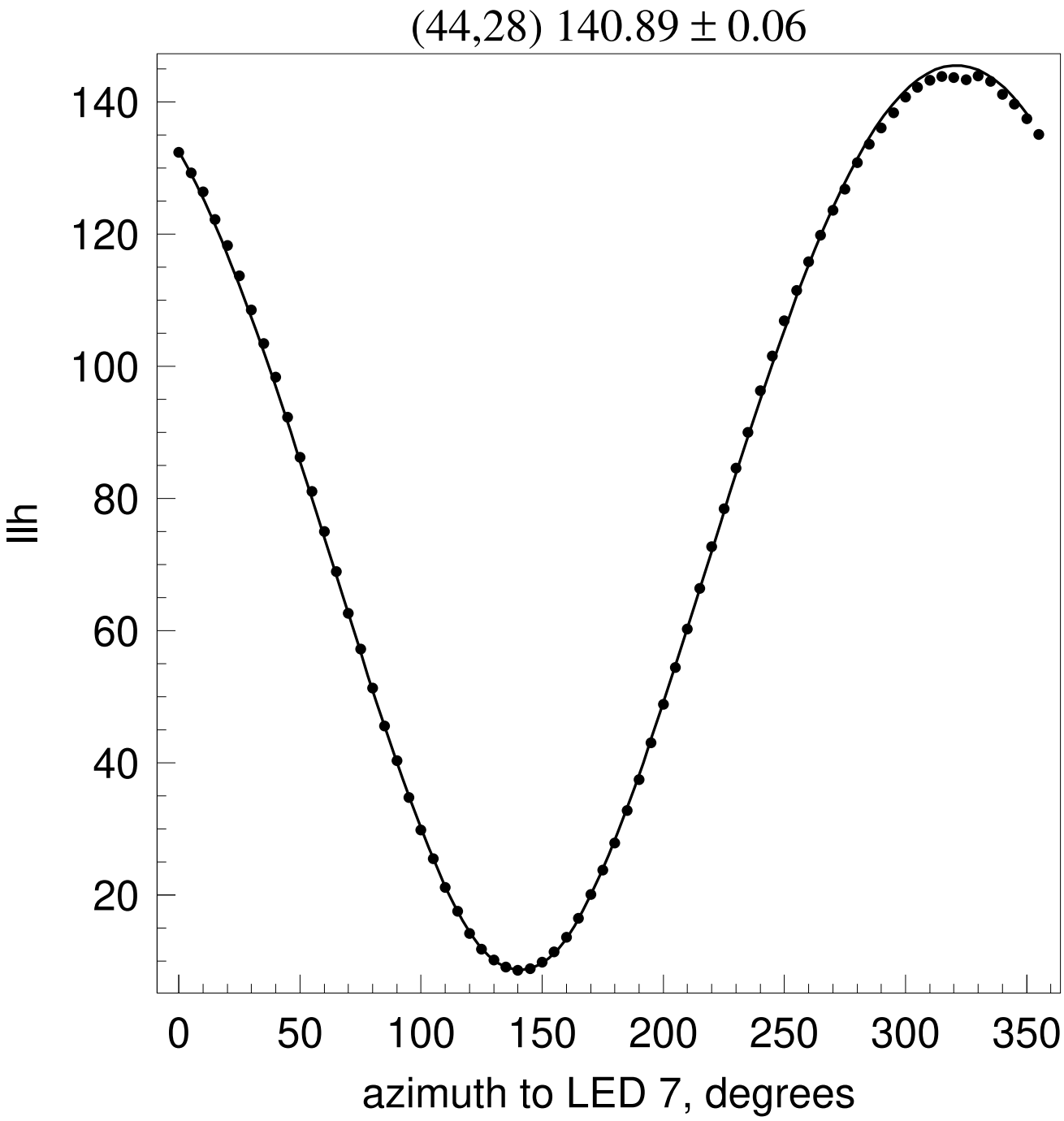

(44,21) 166.41 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

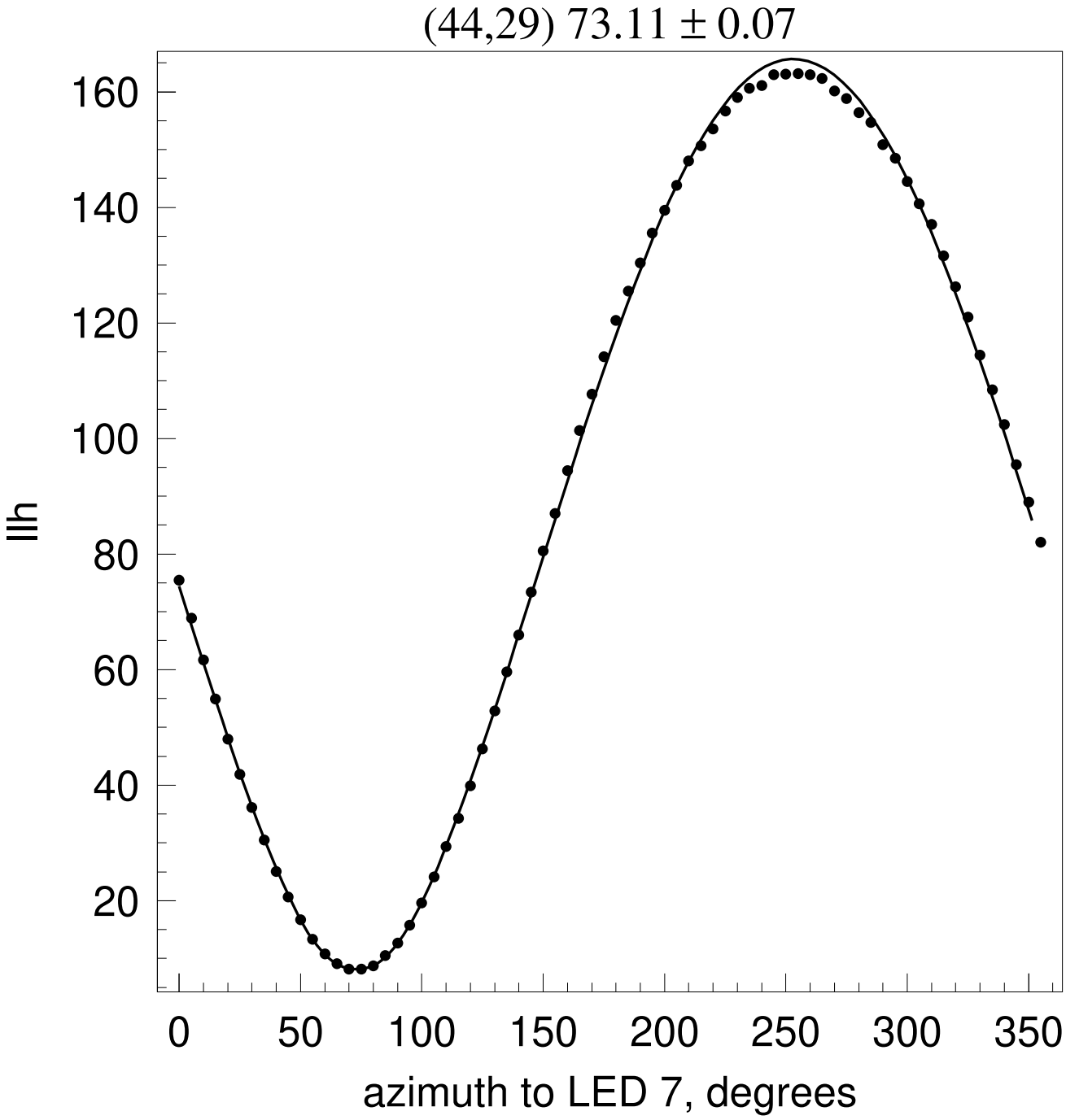

(44,22) 43.00 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

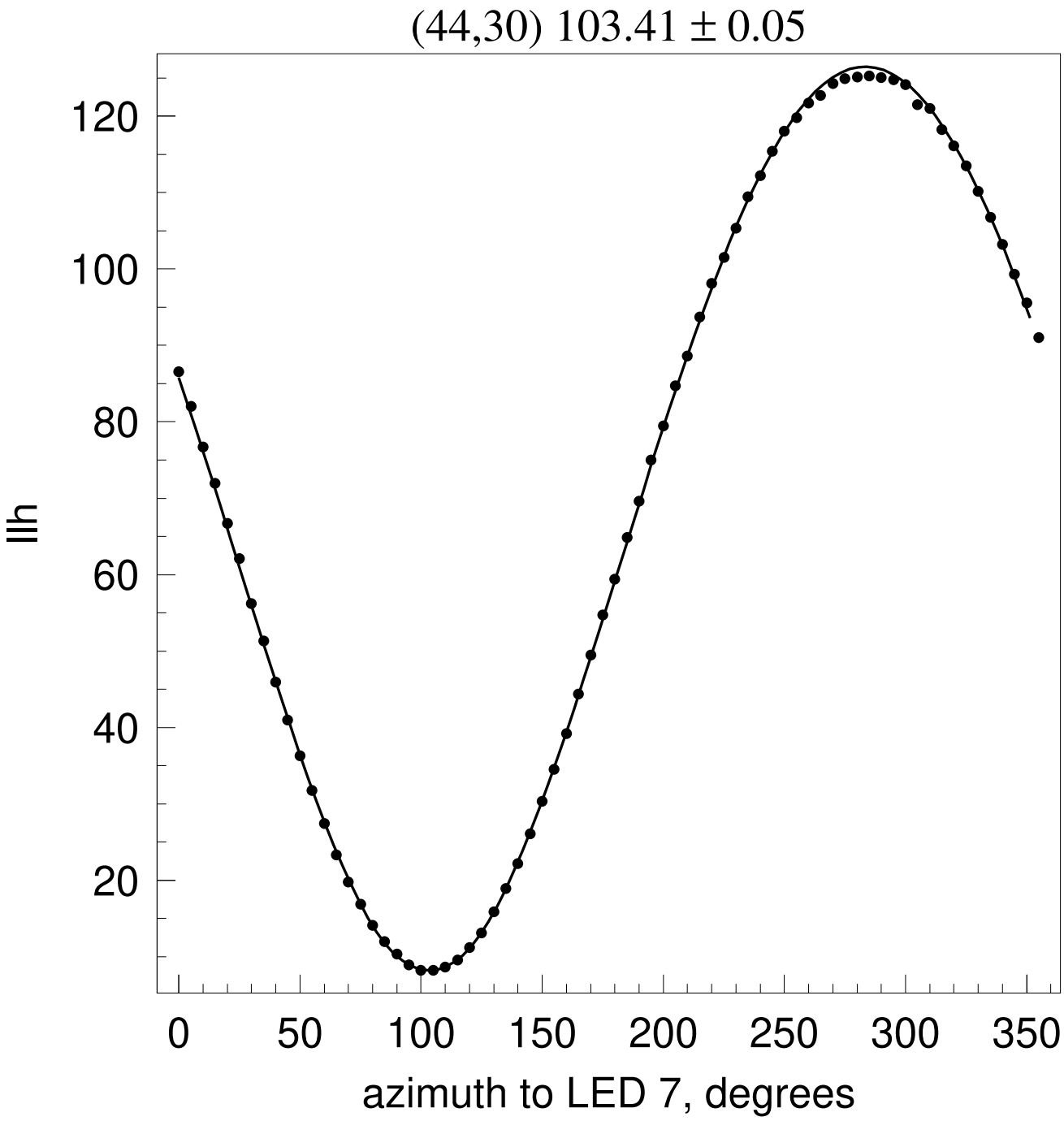

(44,23) 39.02 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

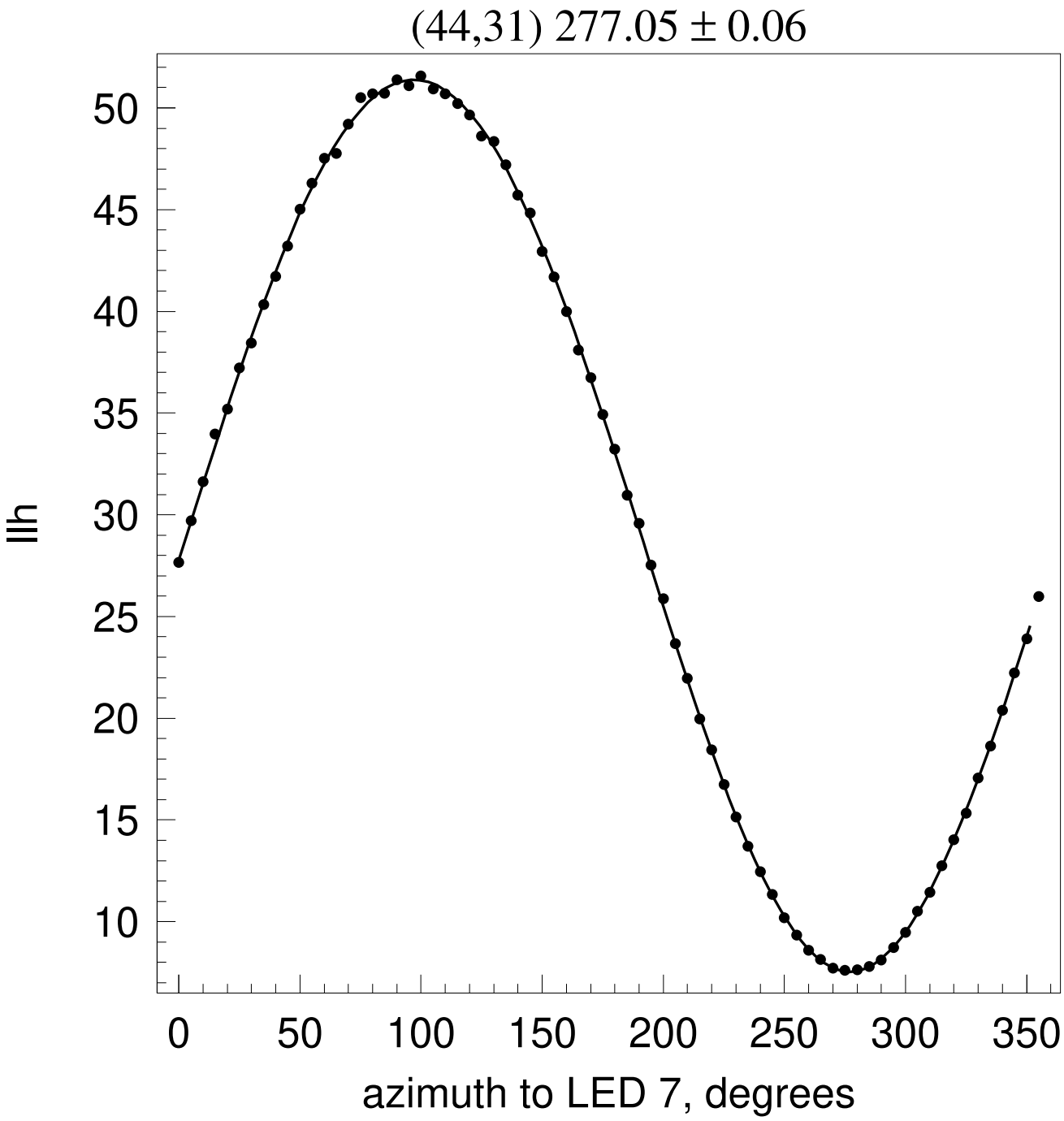

(44,24) 327.16 ± 0.04
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

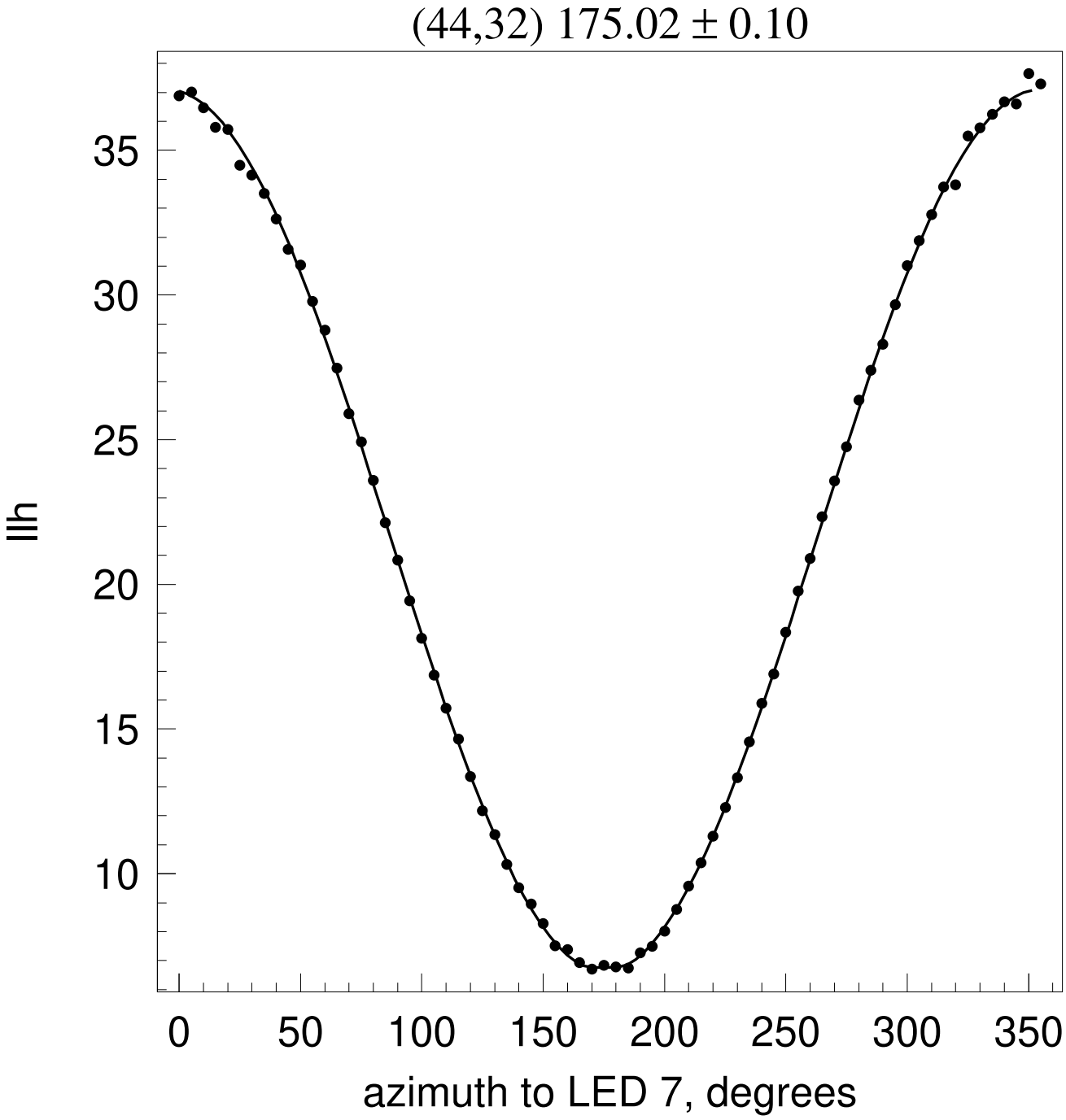

(44,27) 167.57 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

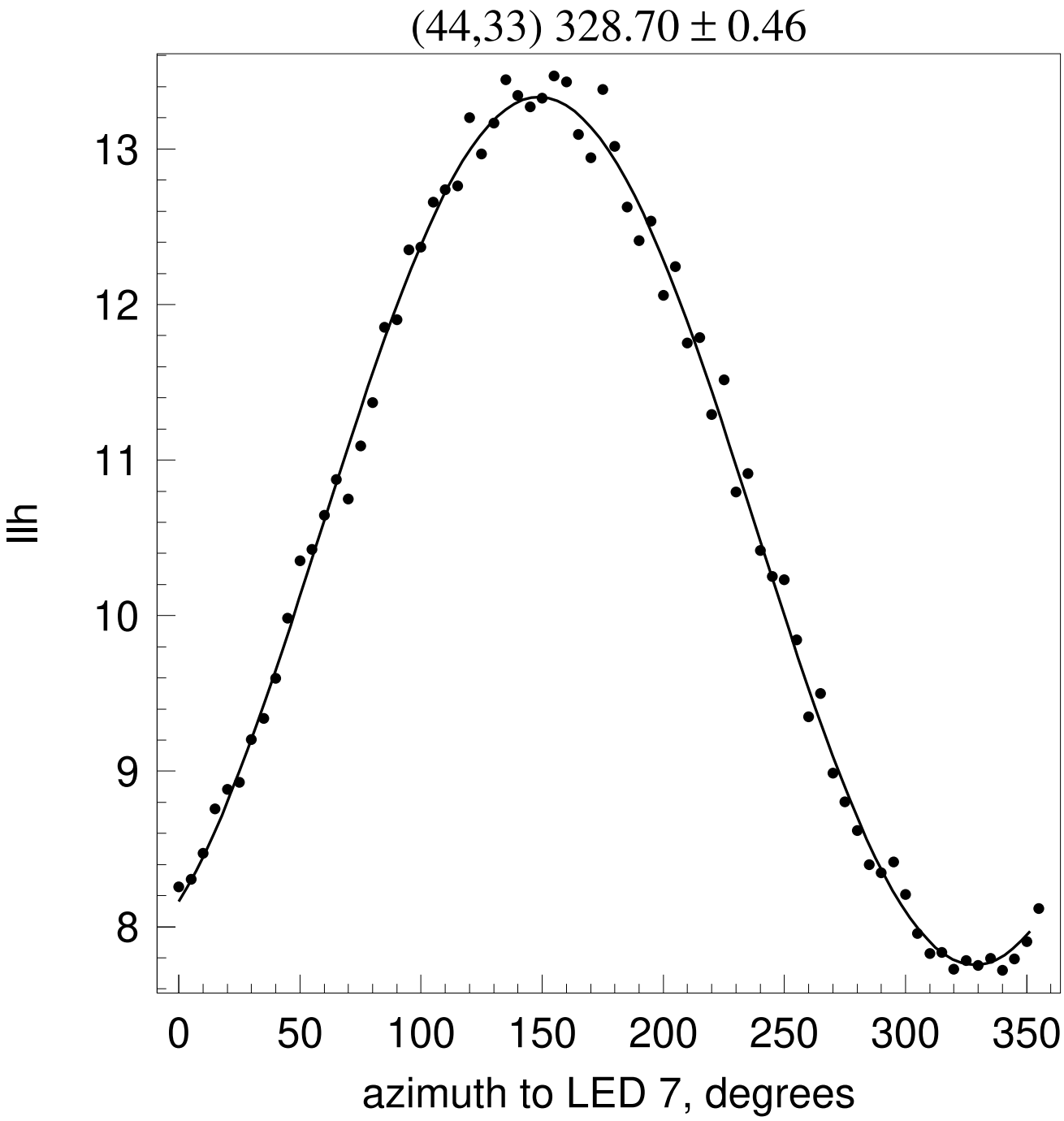

(44,28) 140.89 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

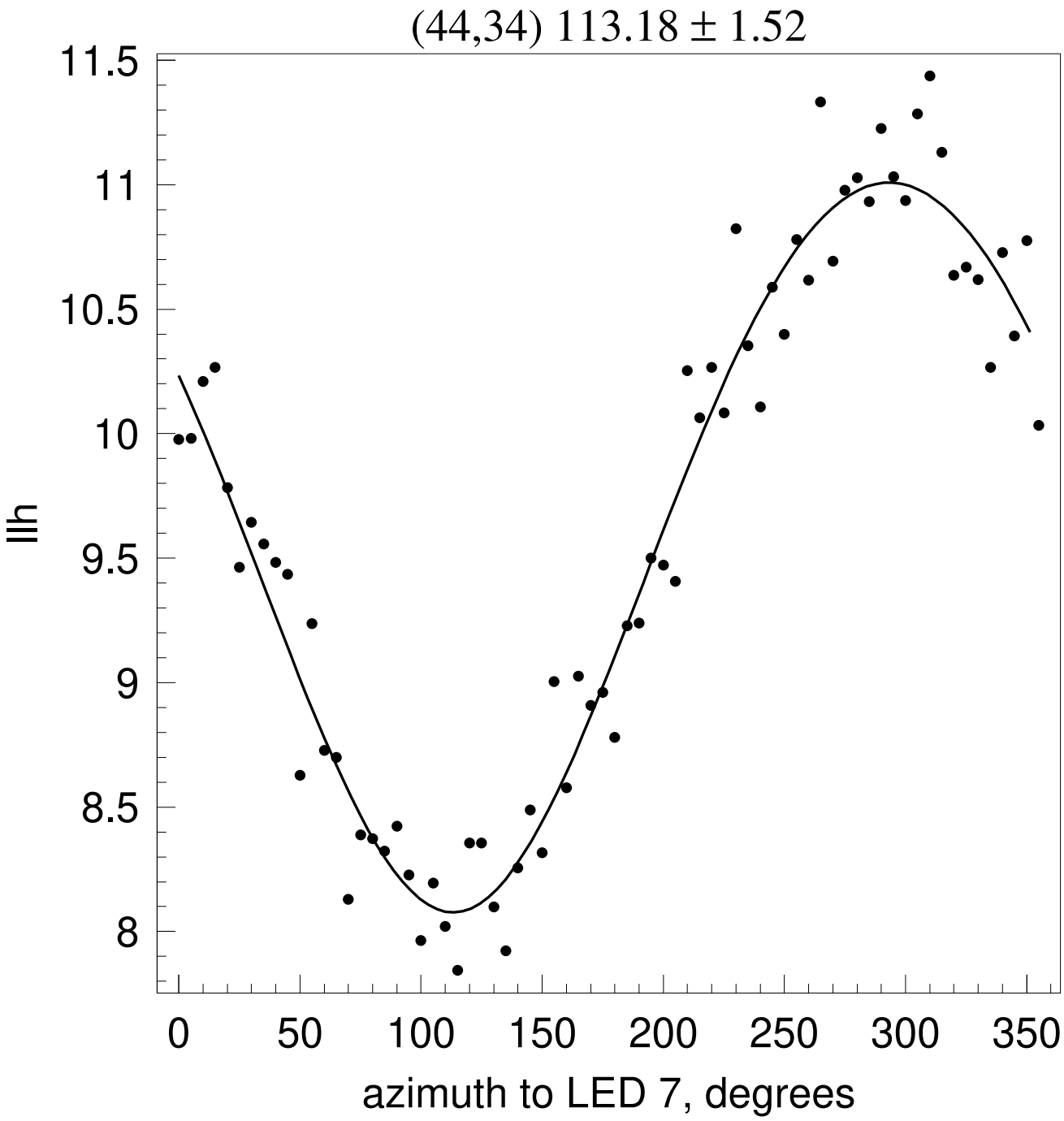

(44,29) 73.11 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

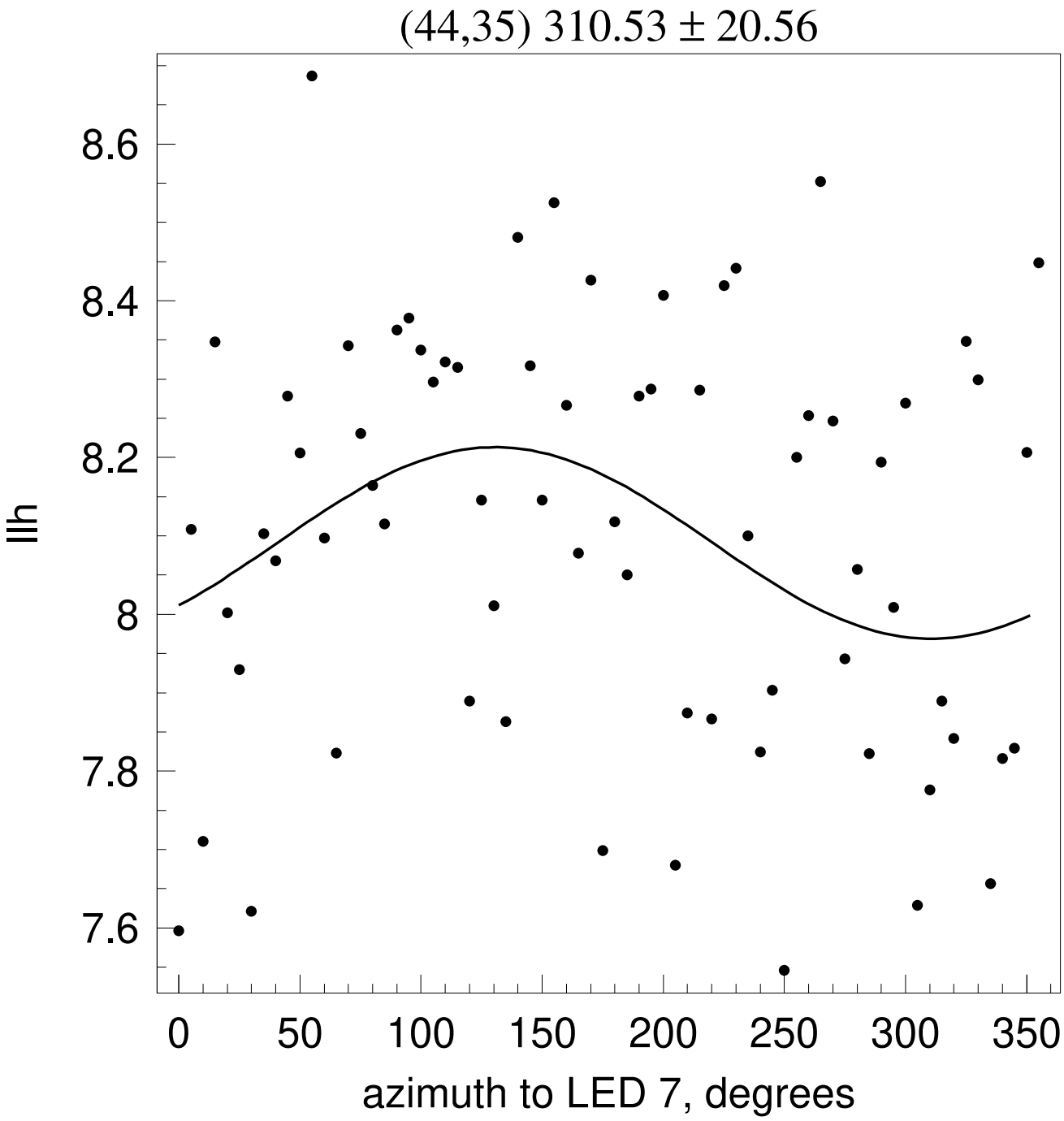

(44,30) 103.41 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

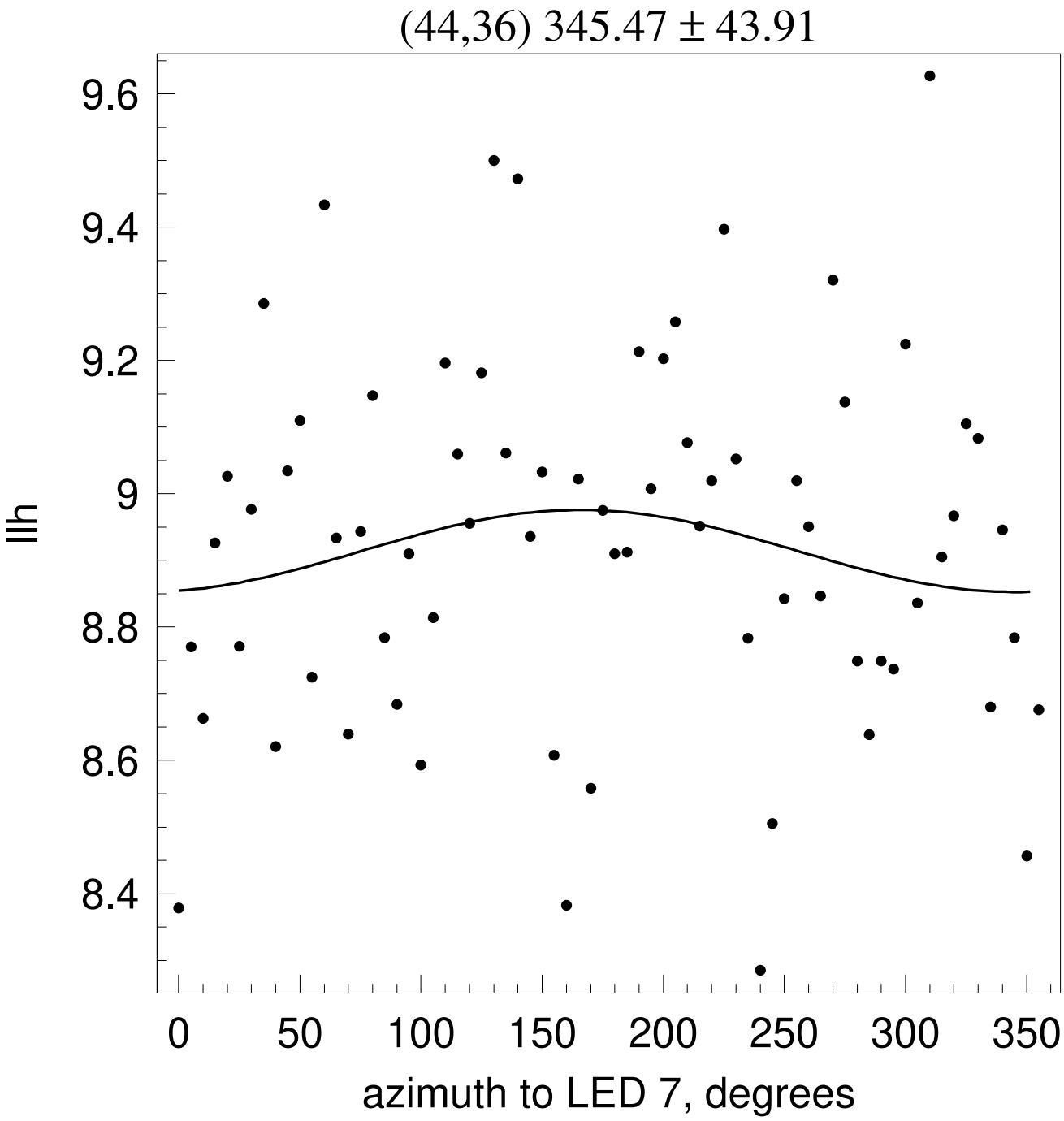

(44,31) 277.05 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

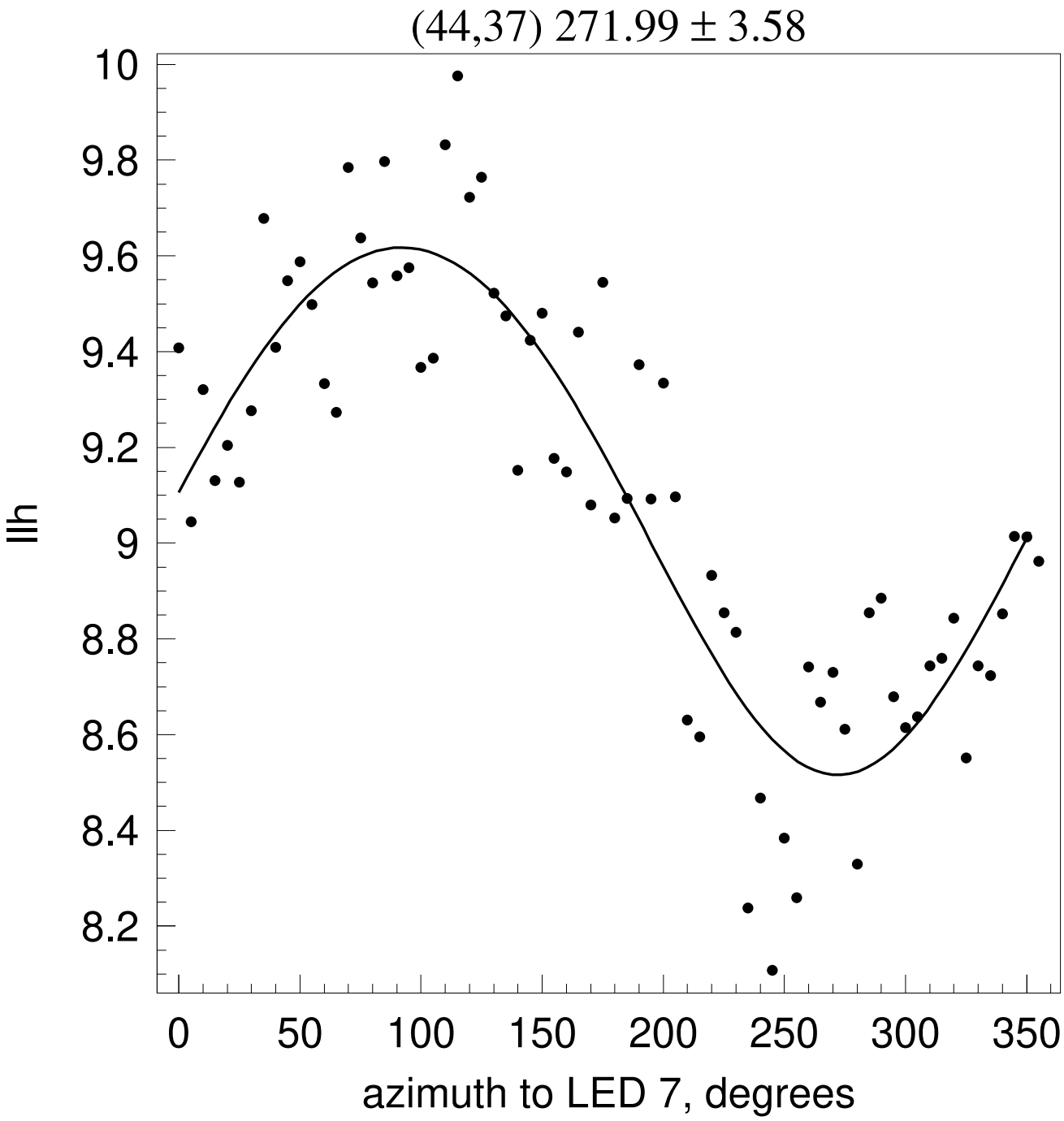

(44,32) 175.02 ± 0.10
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

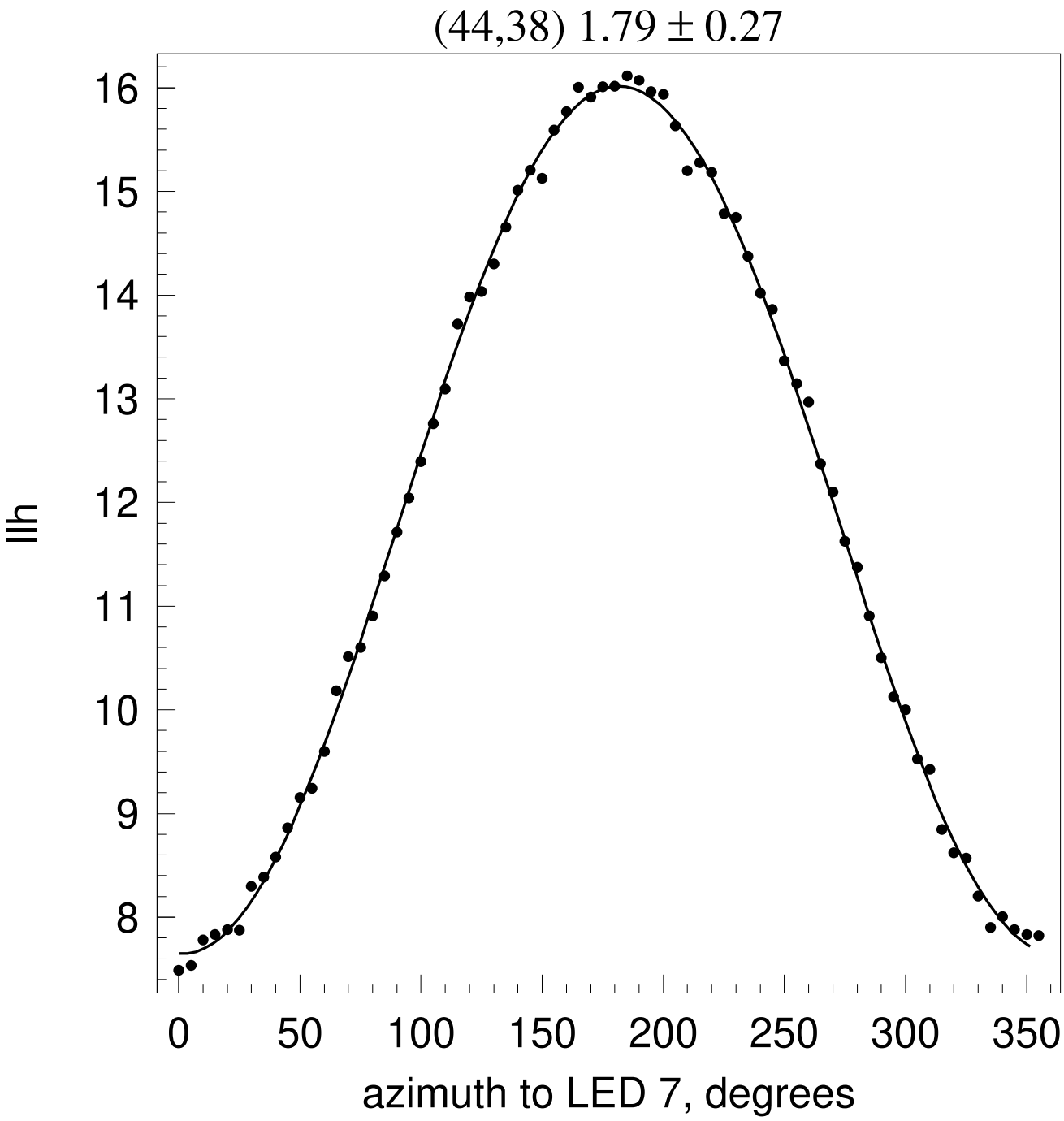

(44,33) 328.70 ± 0.46
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

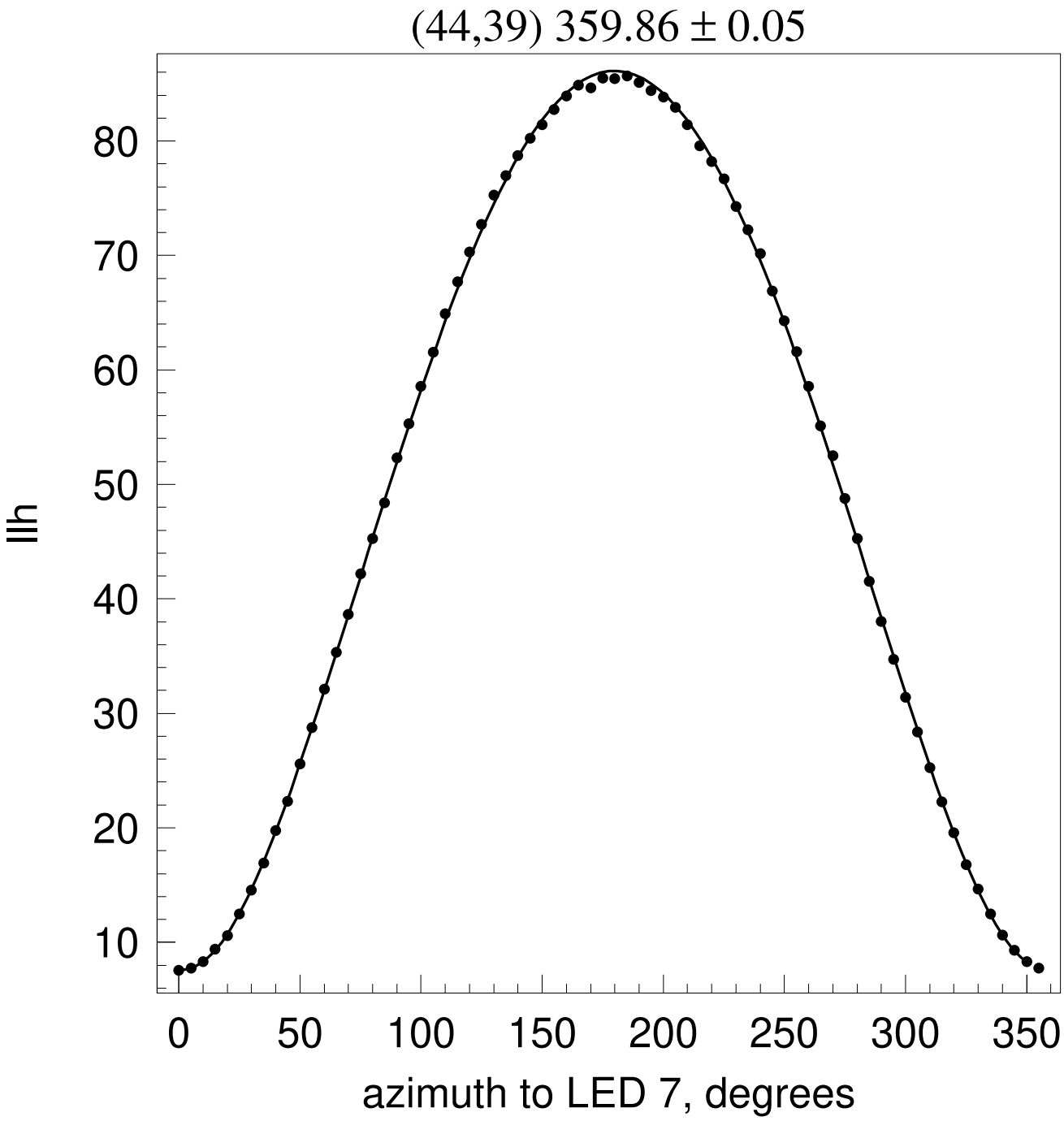

(44,34) 113.18 ± 1.52
11.5
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

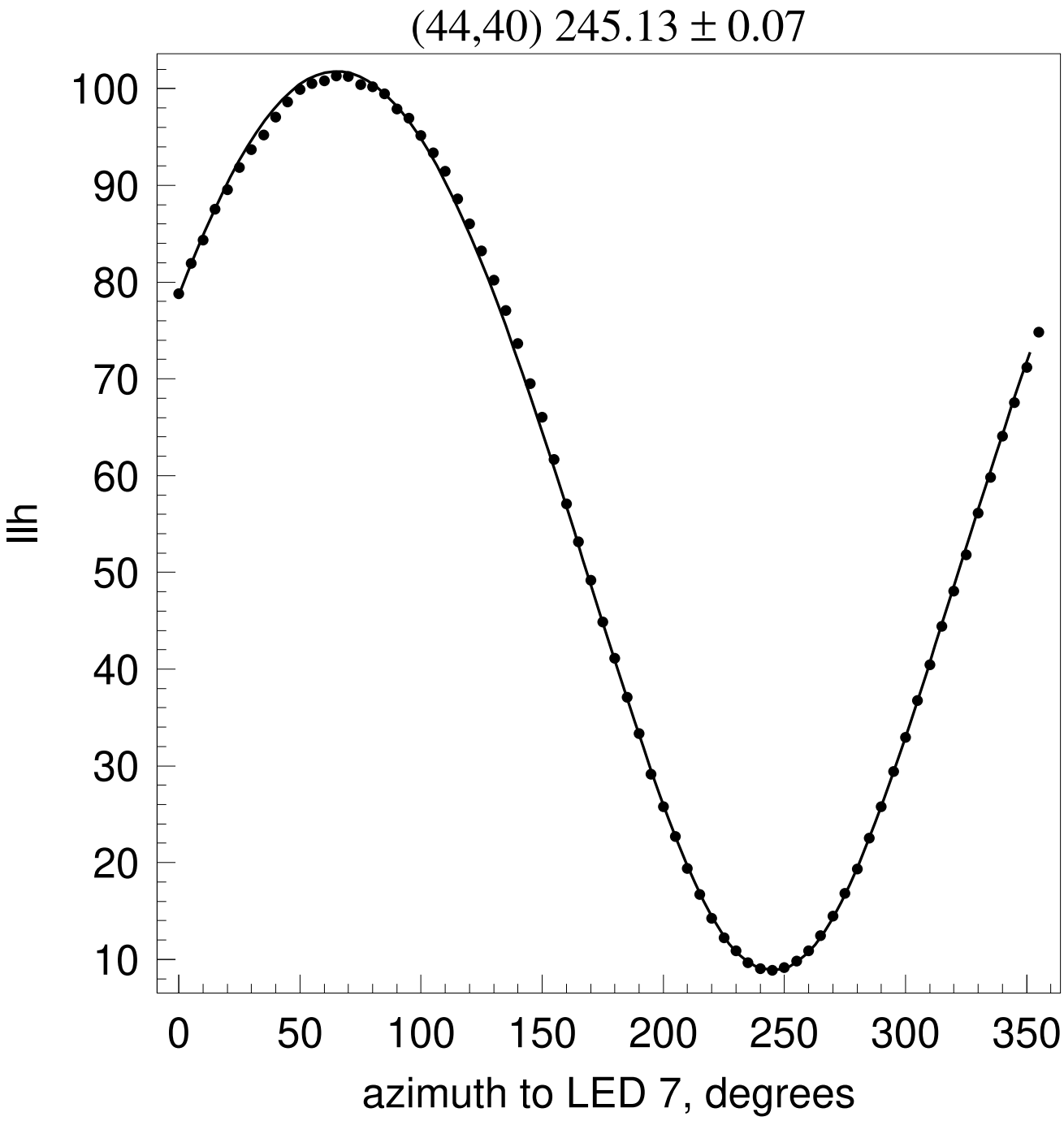

(44,35) 310.53 ± 20.56
8.6
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

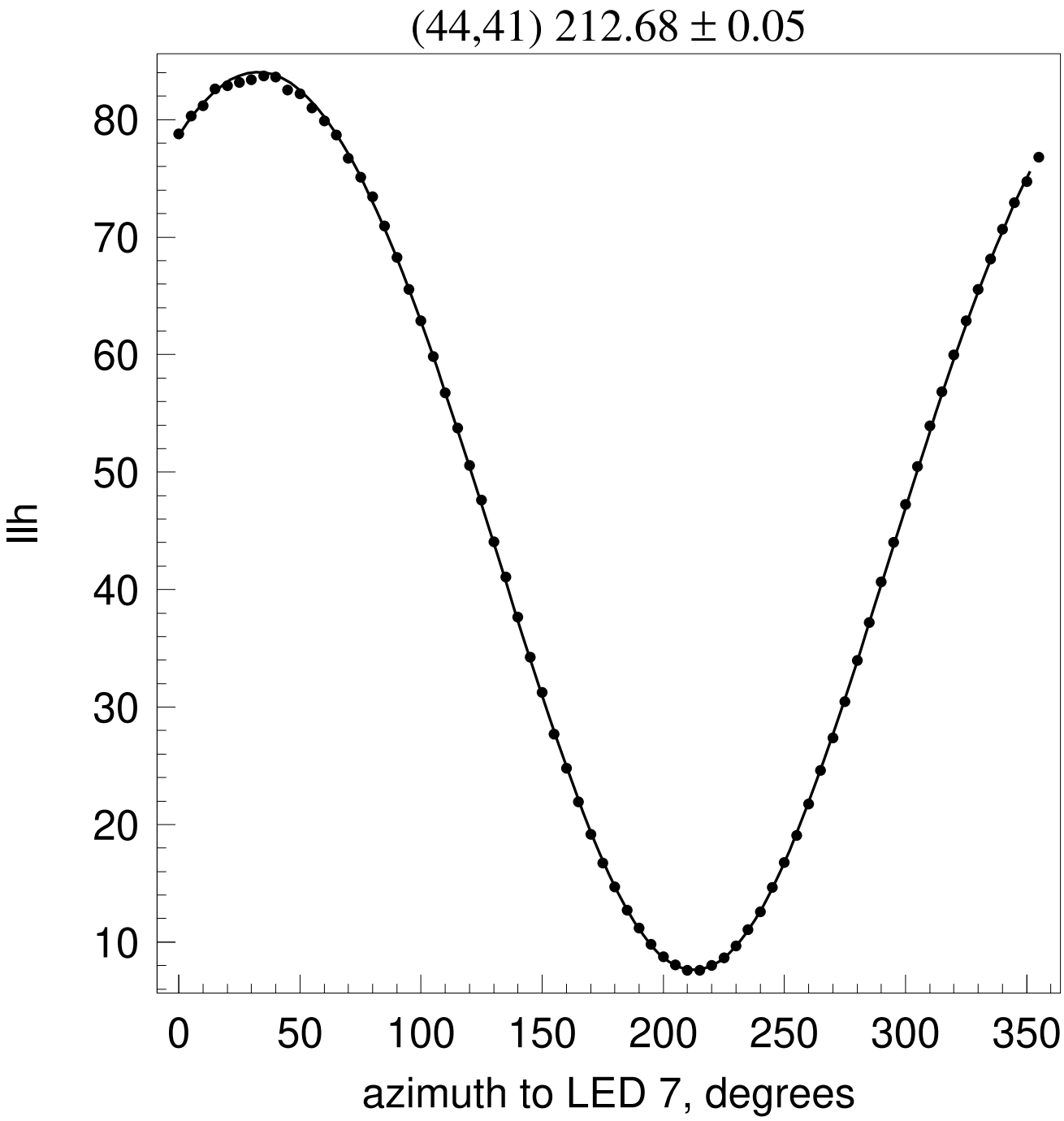

(44,36) 345.47 ± 43.91
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

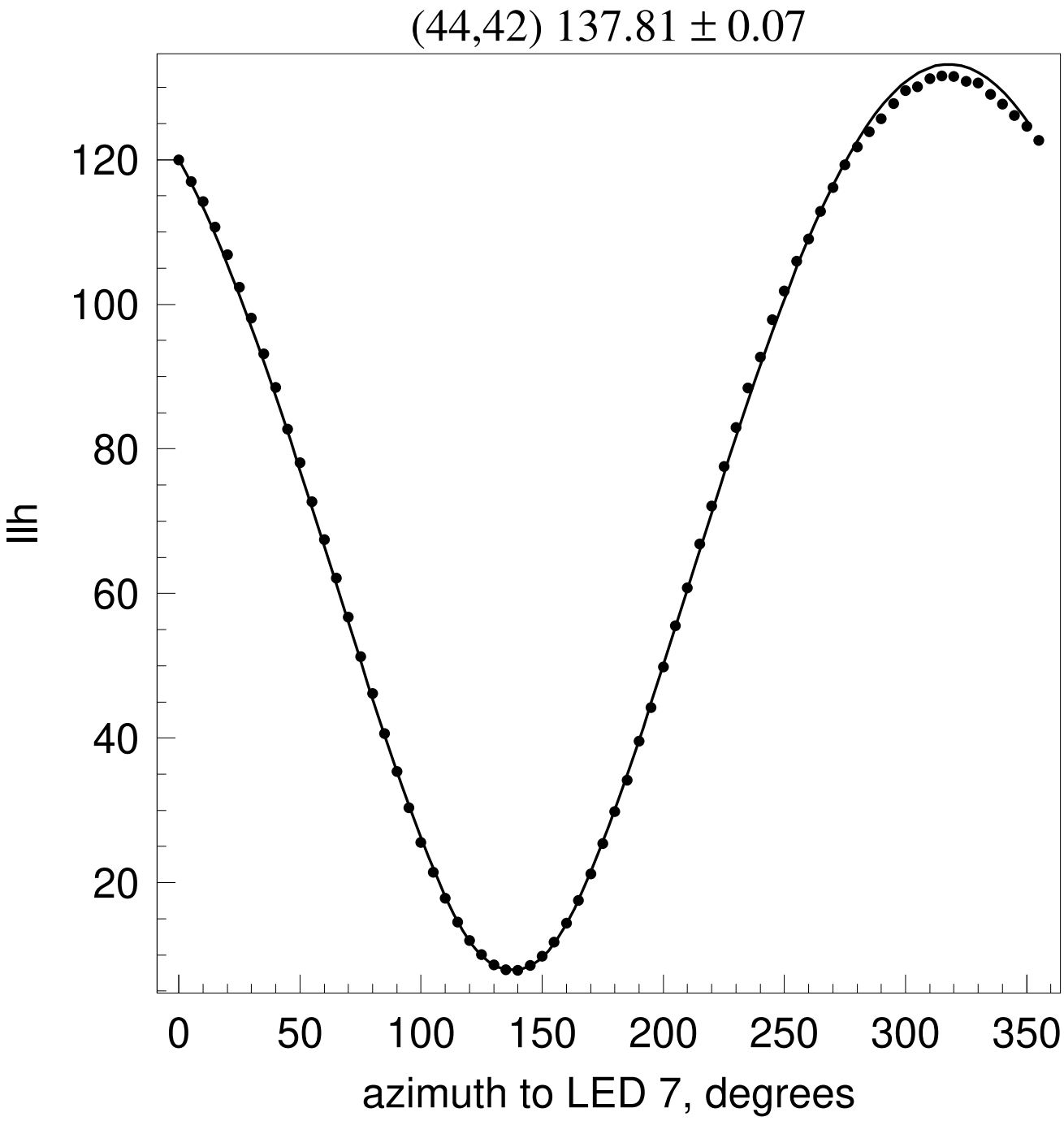

(44,37) 271.99 ± 3.58
10
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

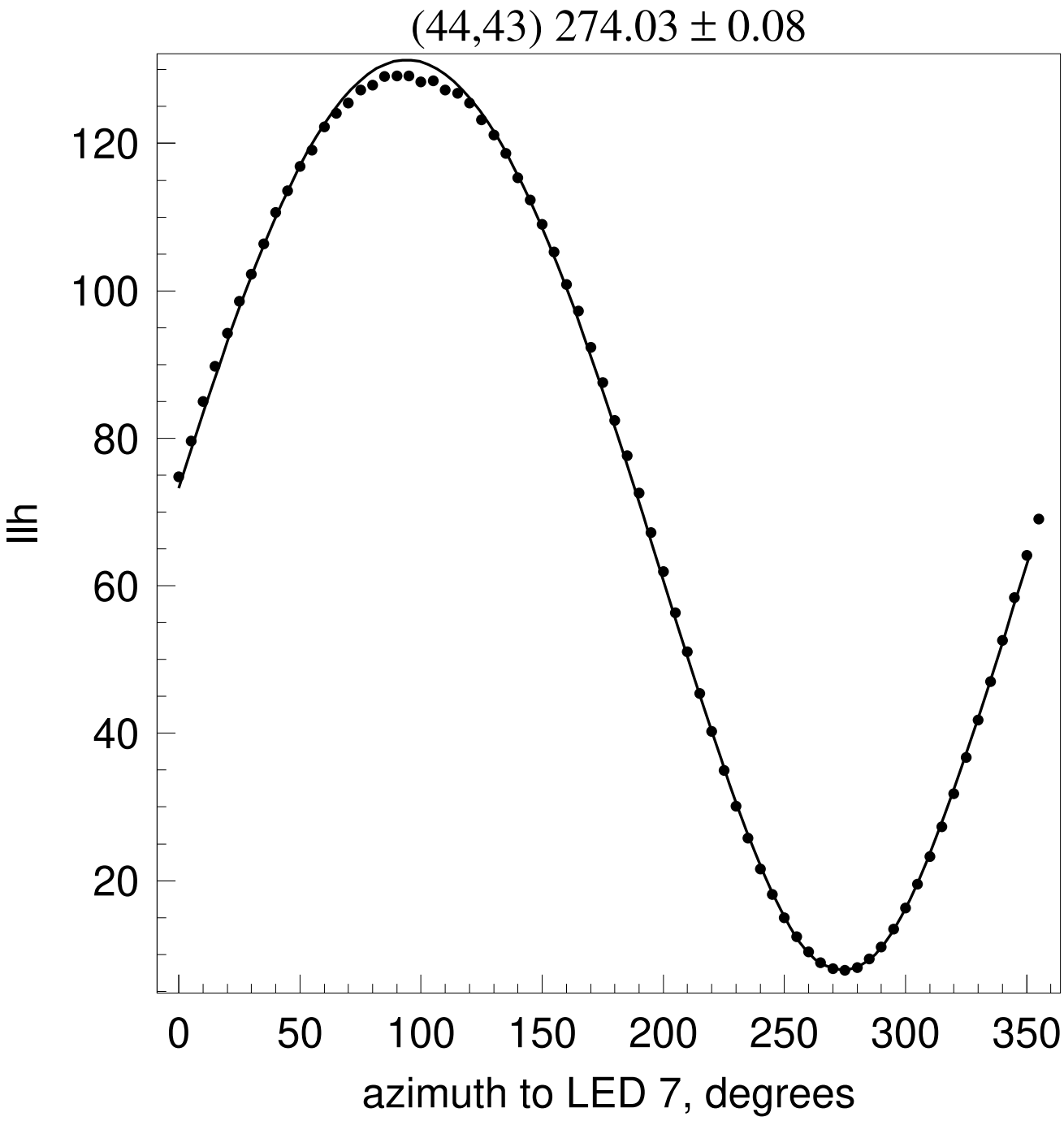

(44,38) 1.79 ± 0.27
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

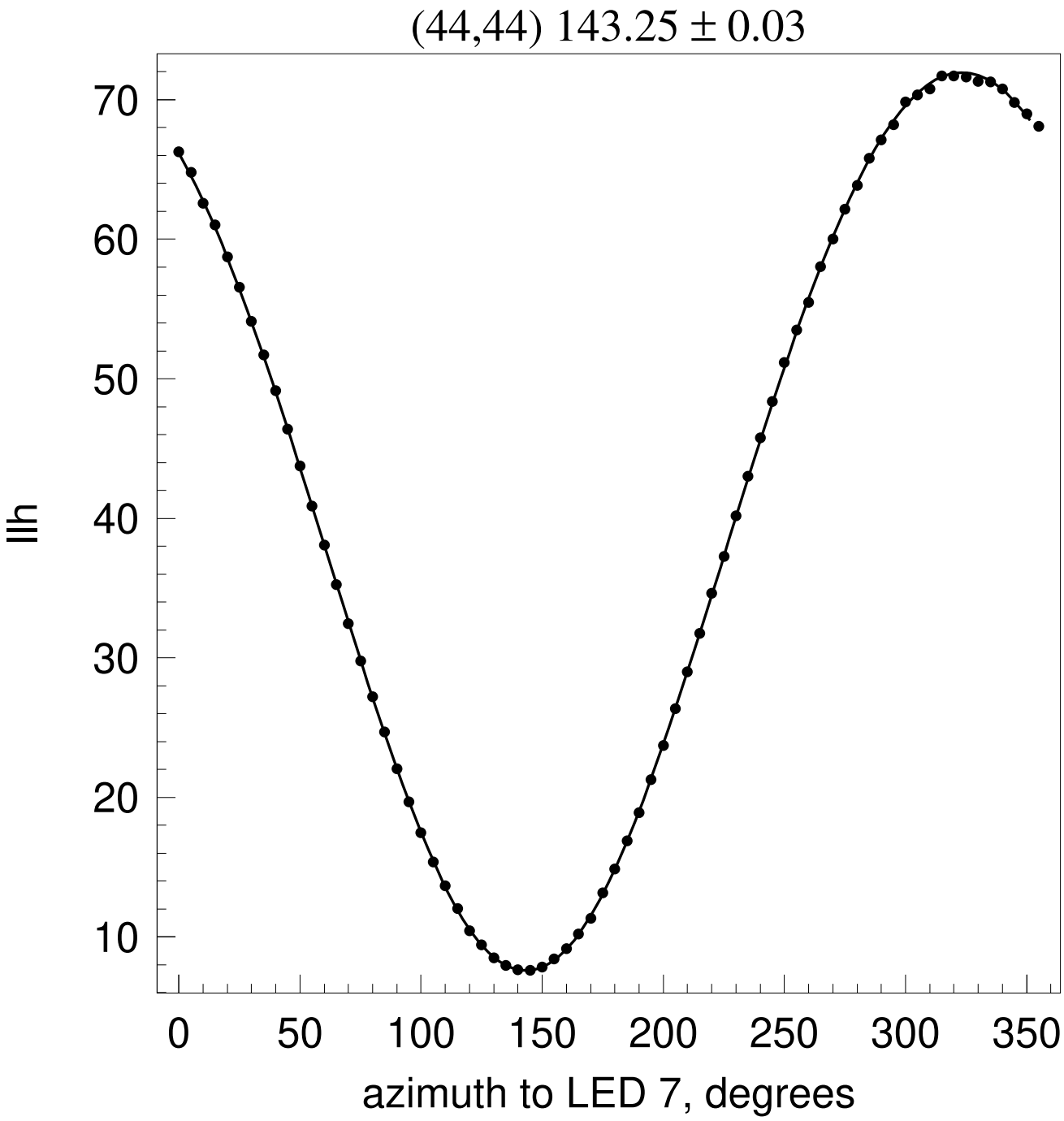

(44,39) 359.86 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

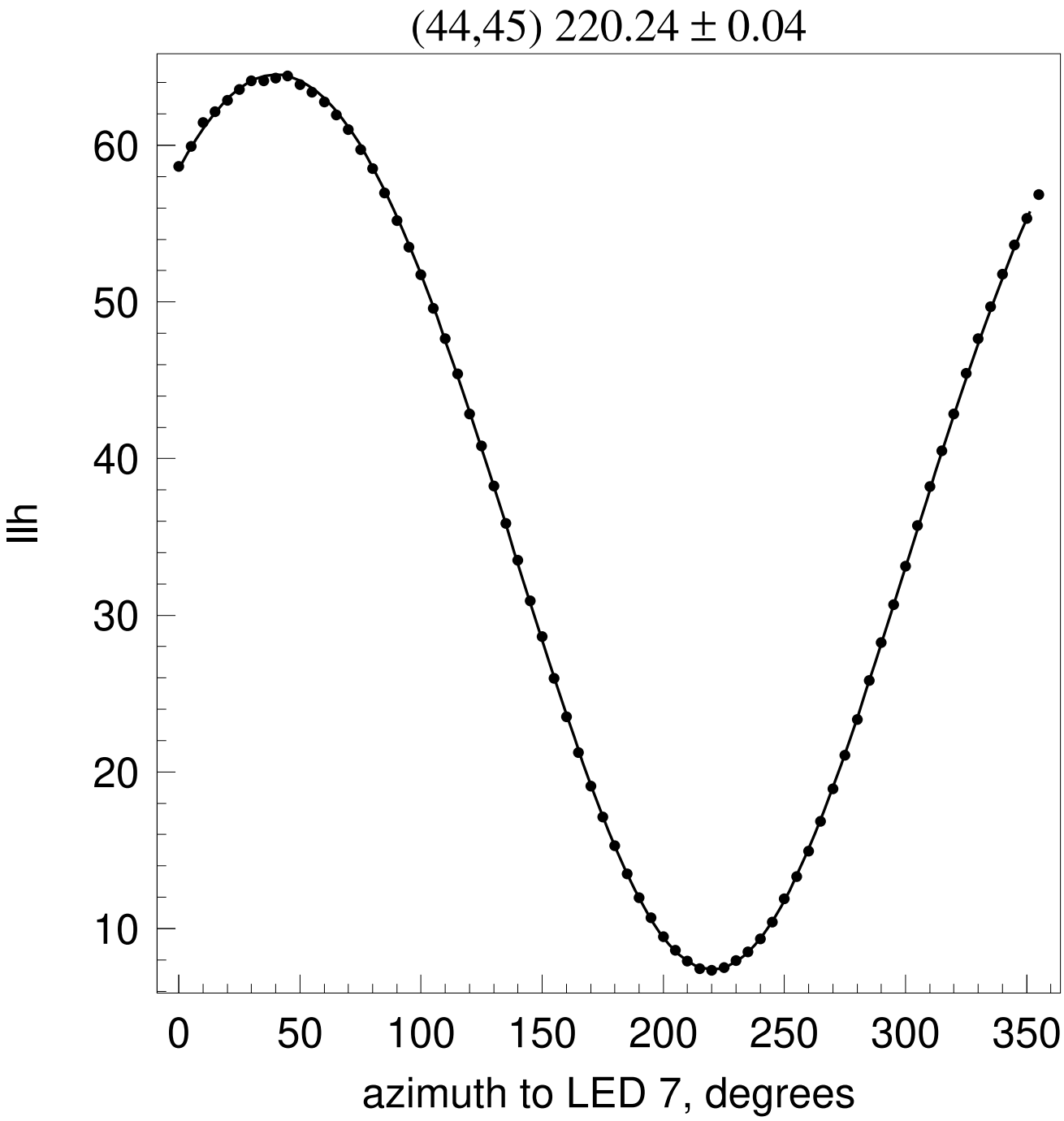

(44,40) 245.13 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

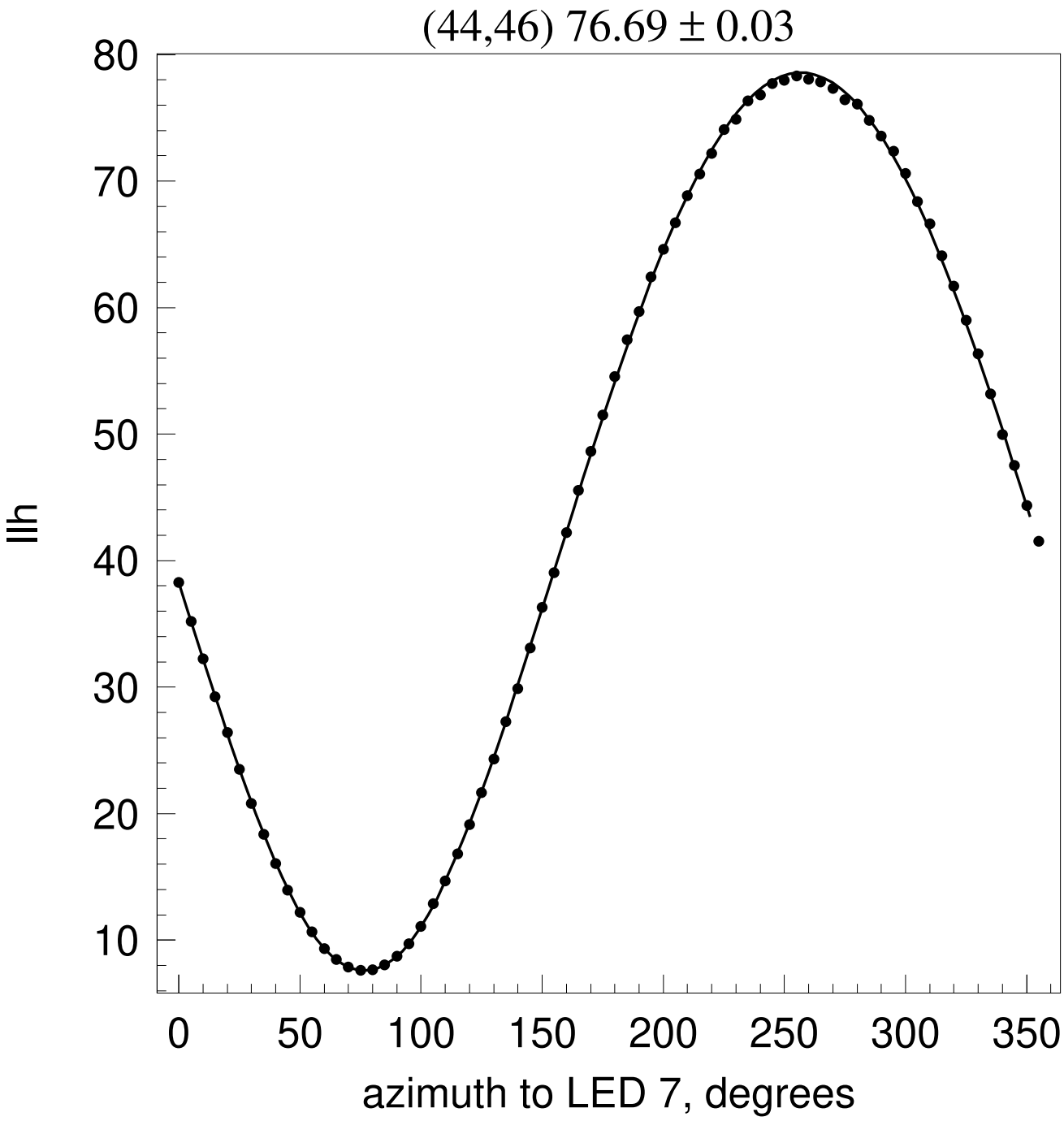

(44,41) 212.68 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

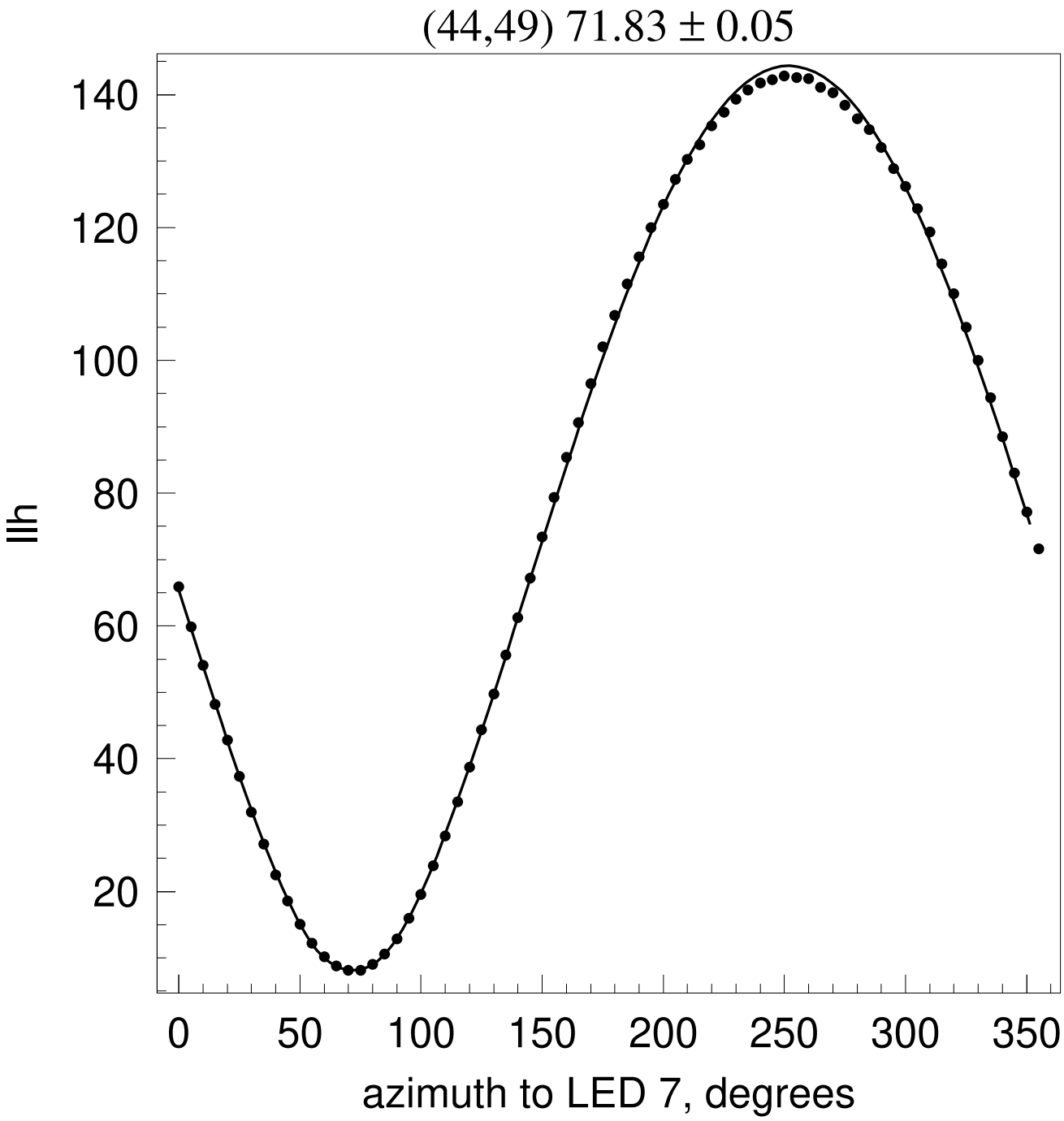

(44,42) 137.81 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

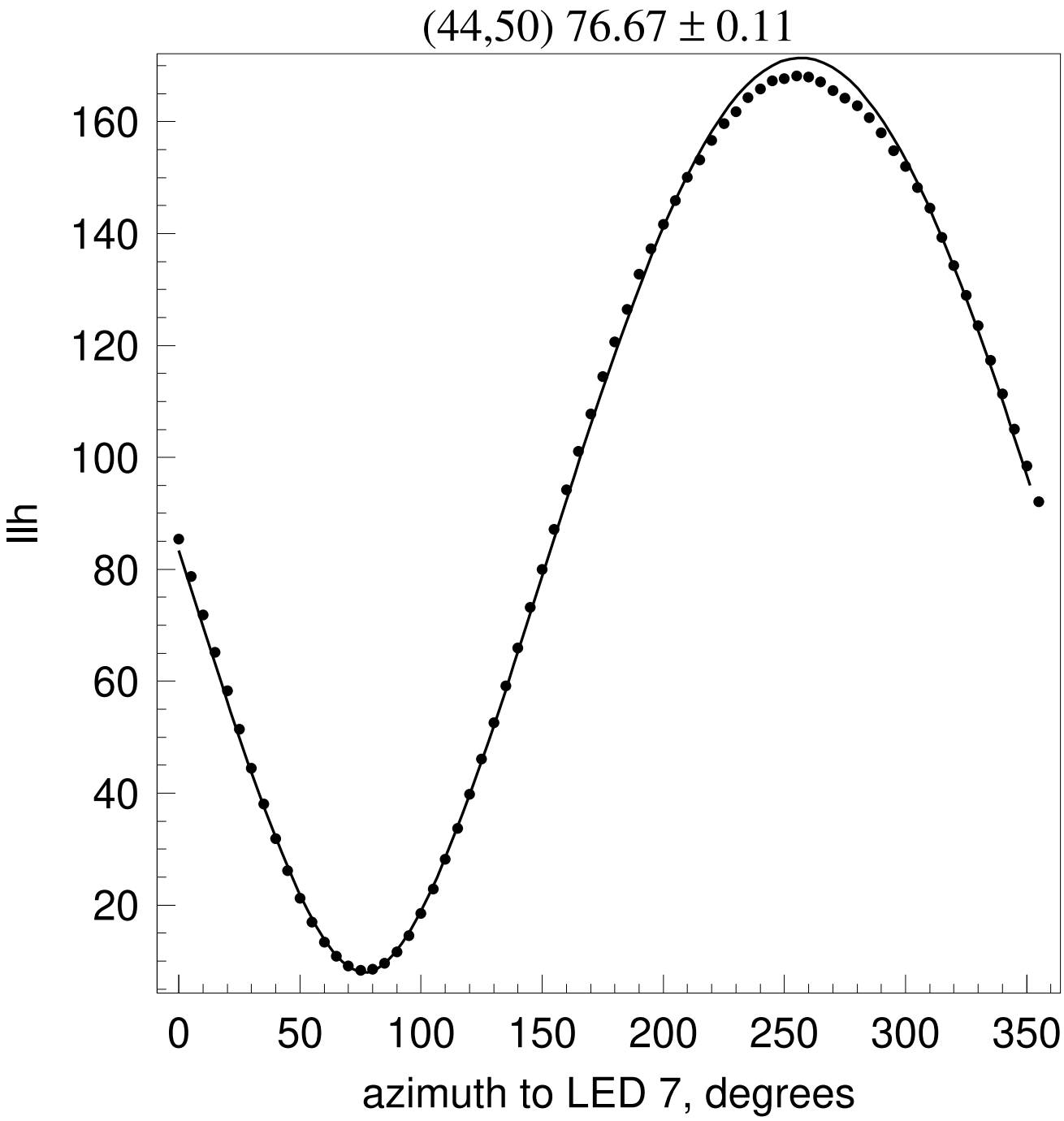

(44,43) 274.03 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

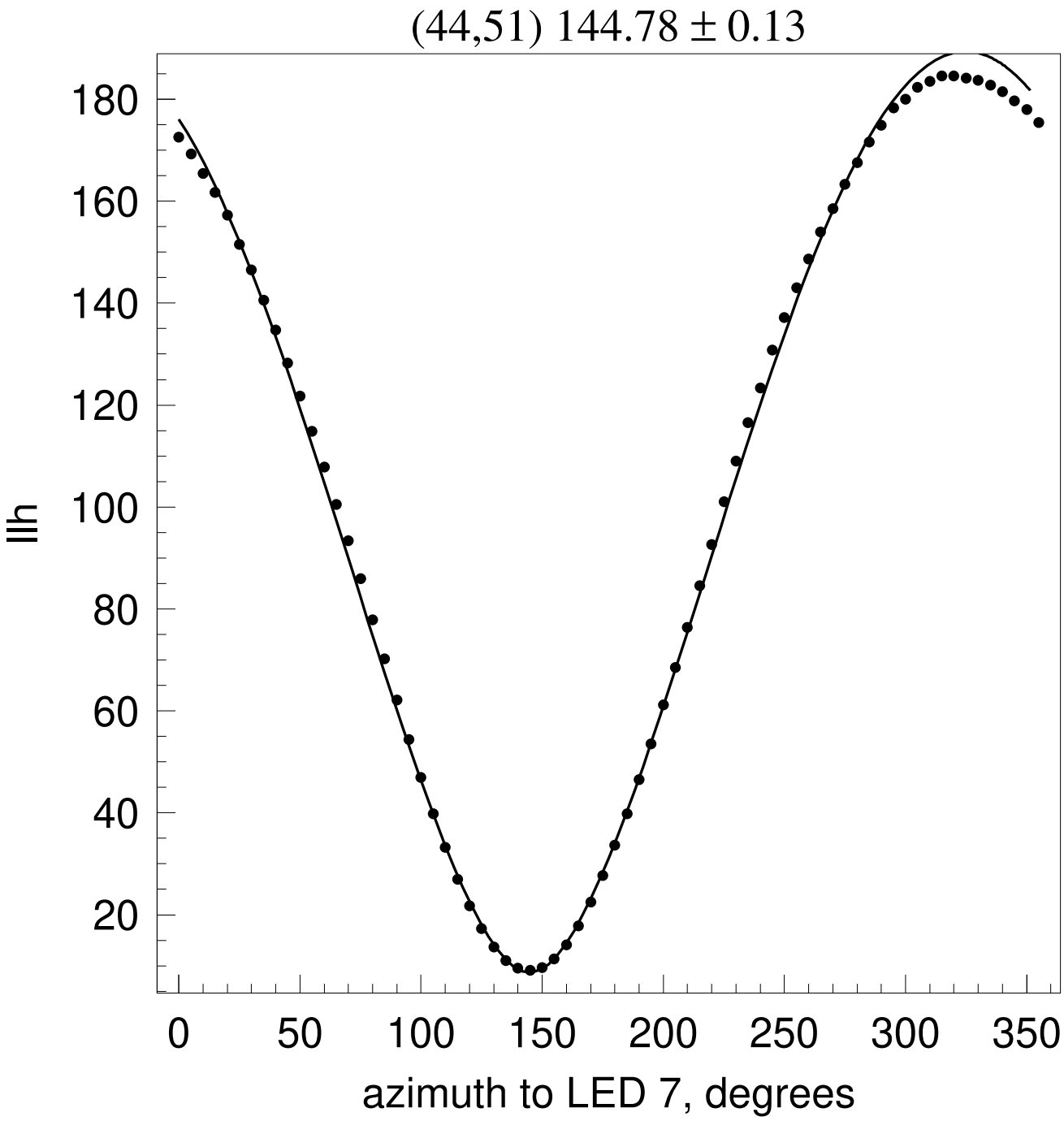

(44,44) 143.25 ± 0.03
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

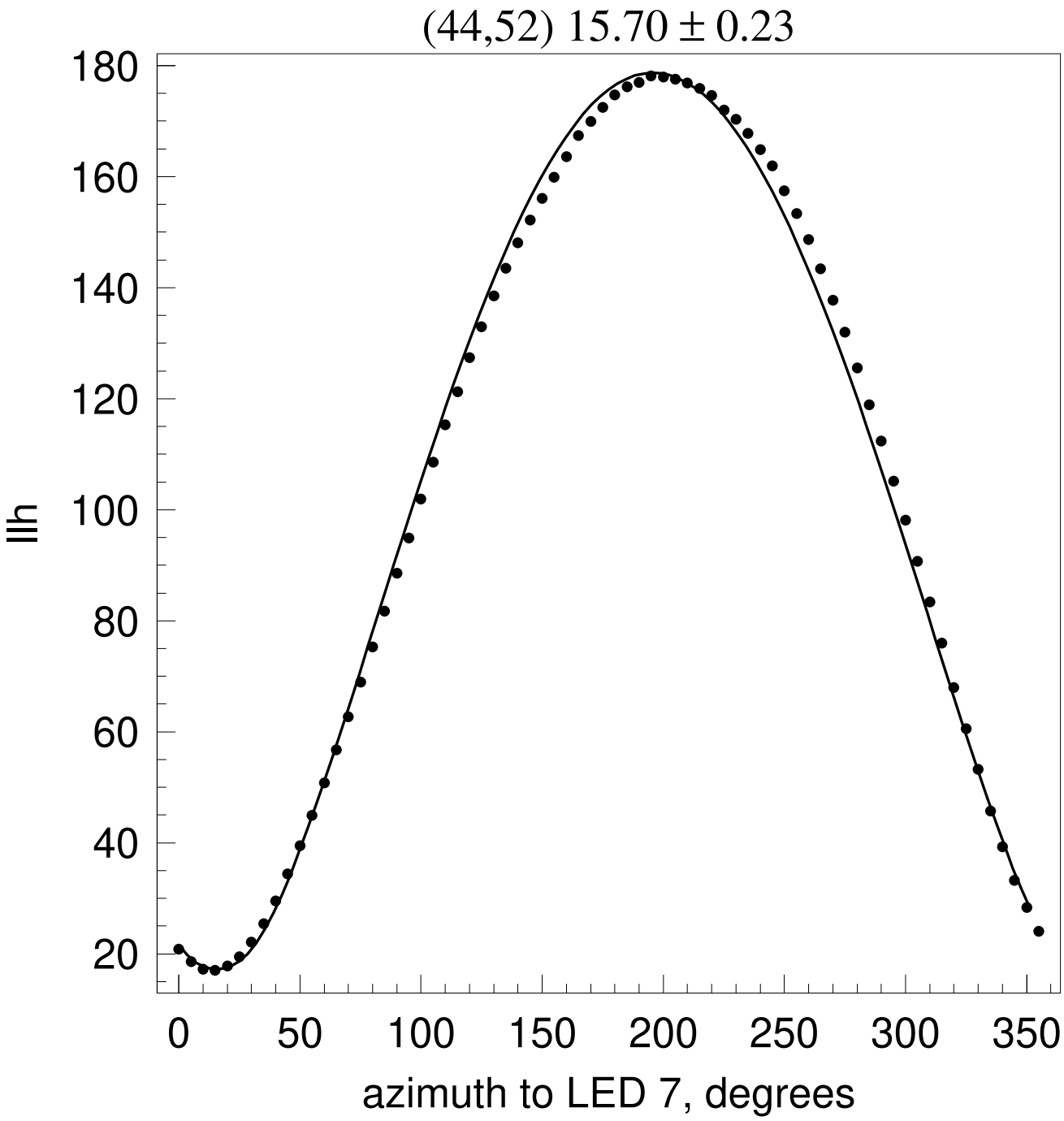

(44,45) 220.24 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

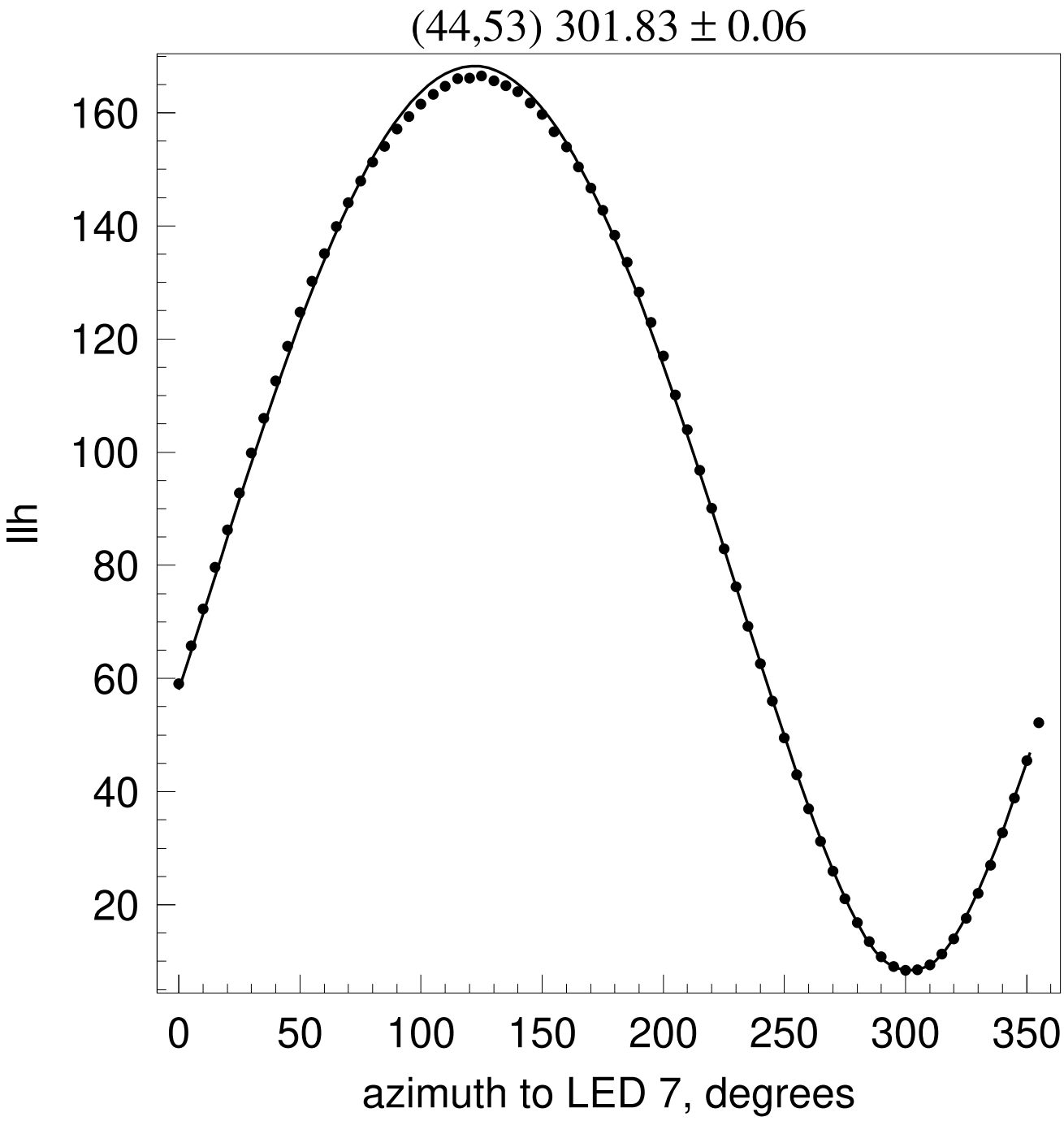

(44,46) 76.69 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

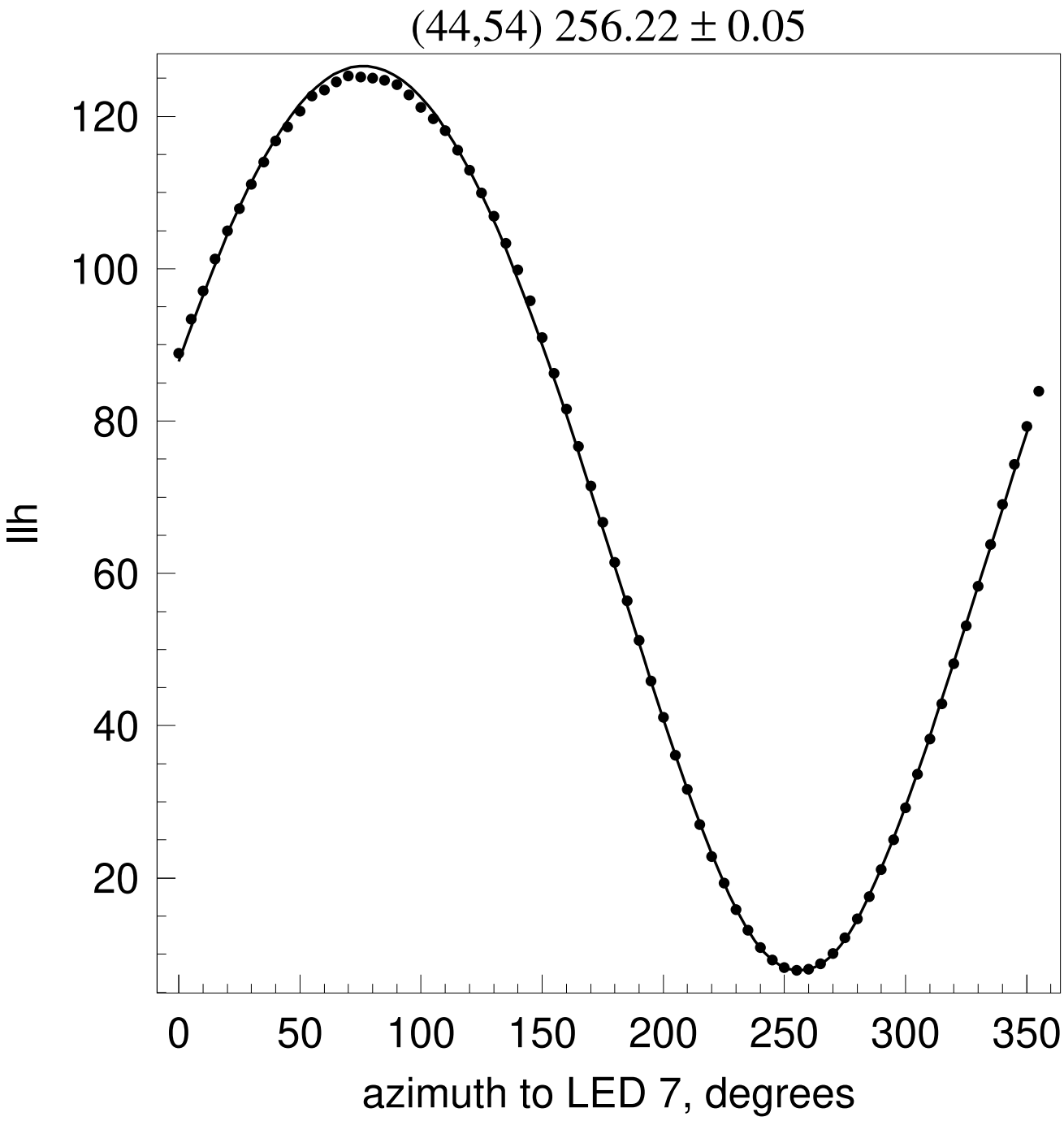

(44,49) 71.83 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

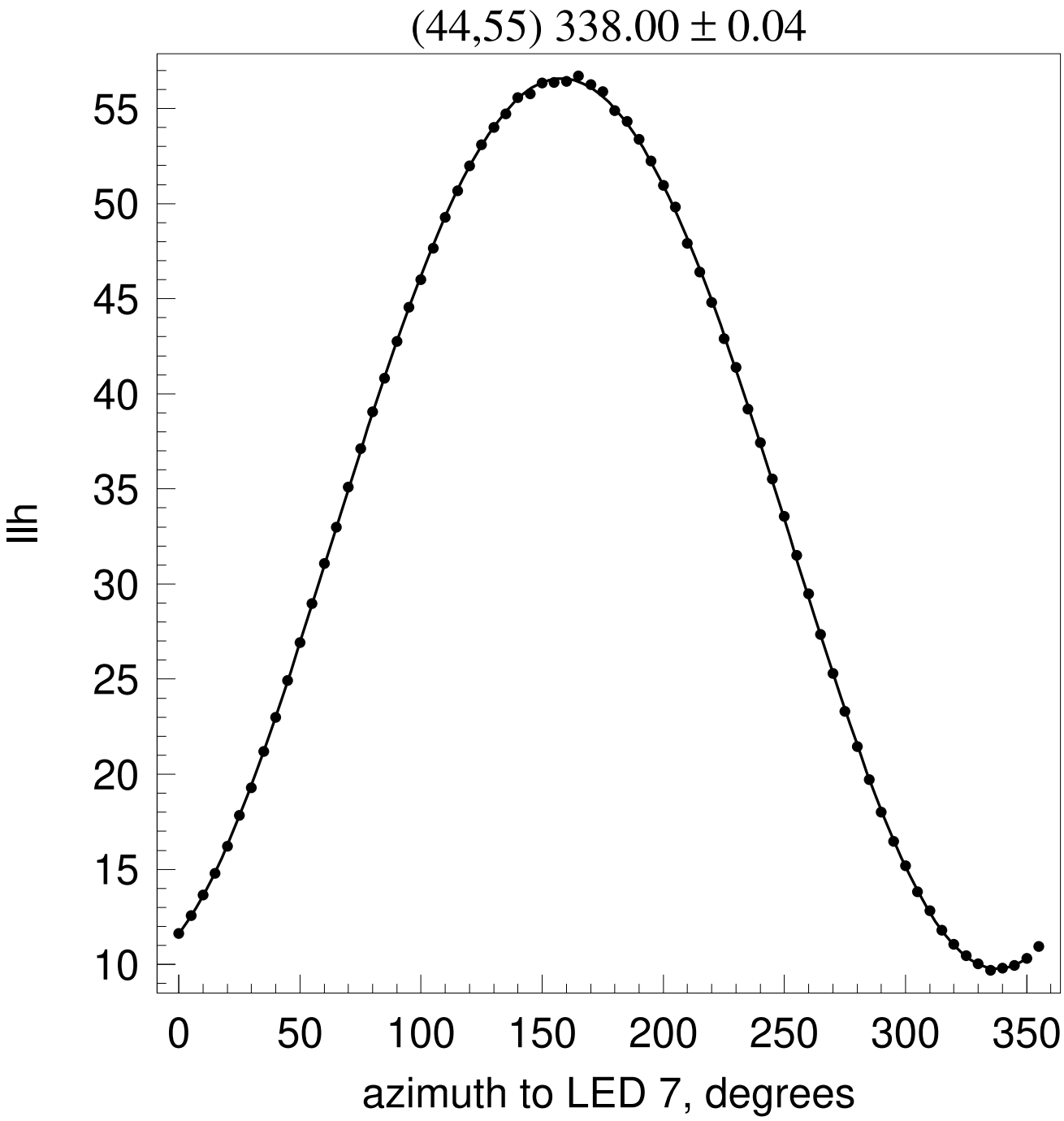

(44,50) 76.67 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

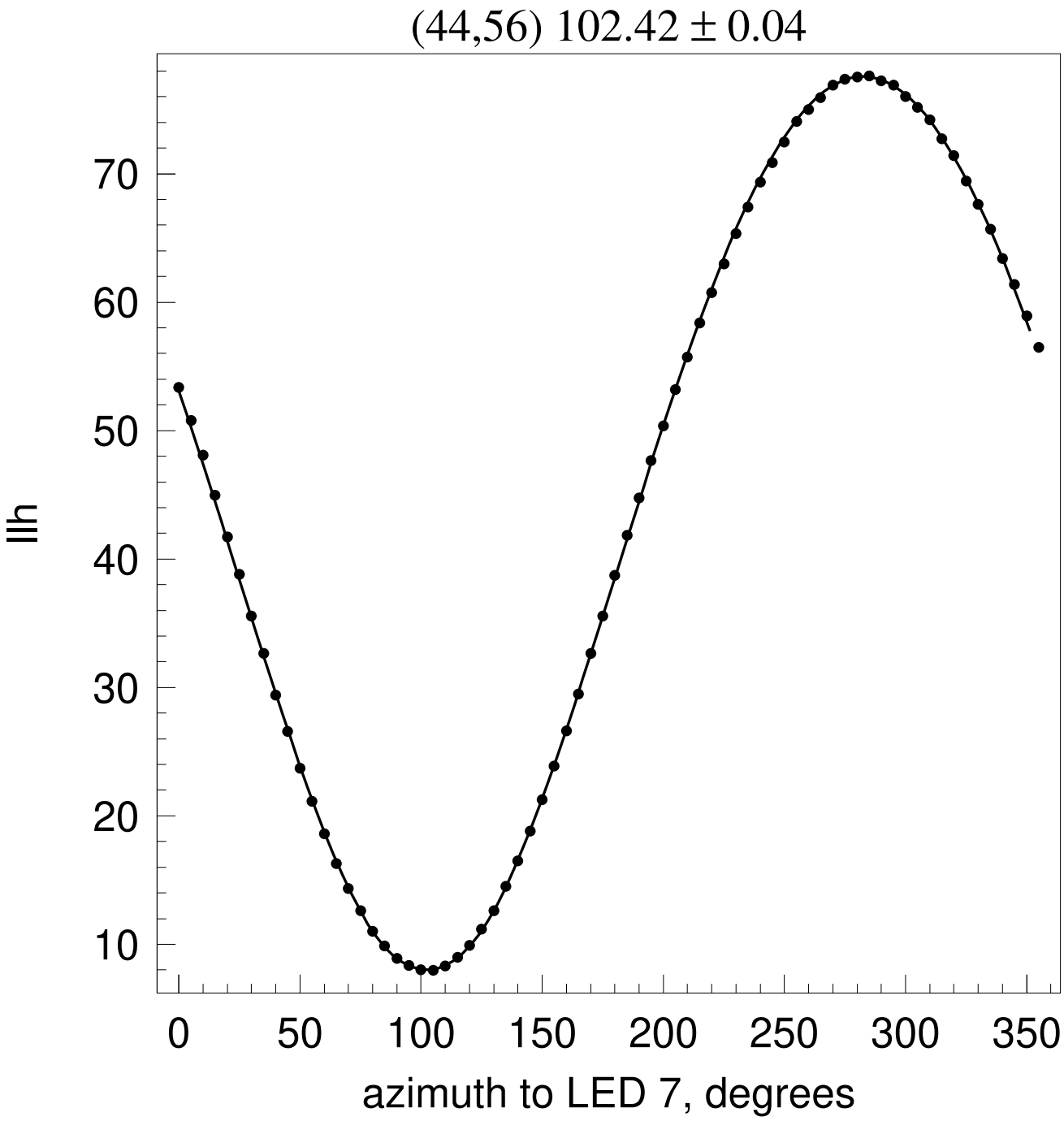

(44,51) 144.78 ± 0.13
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

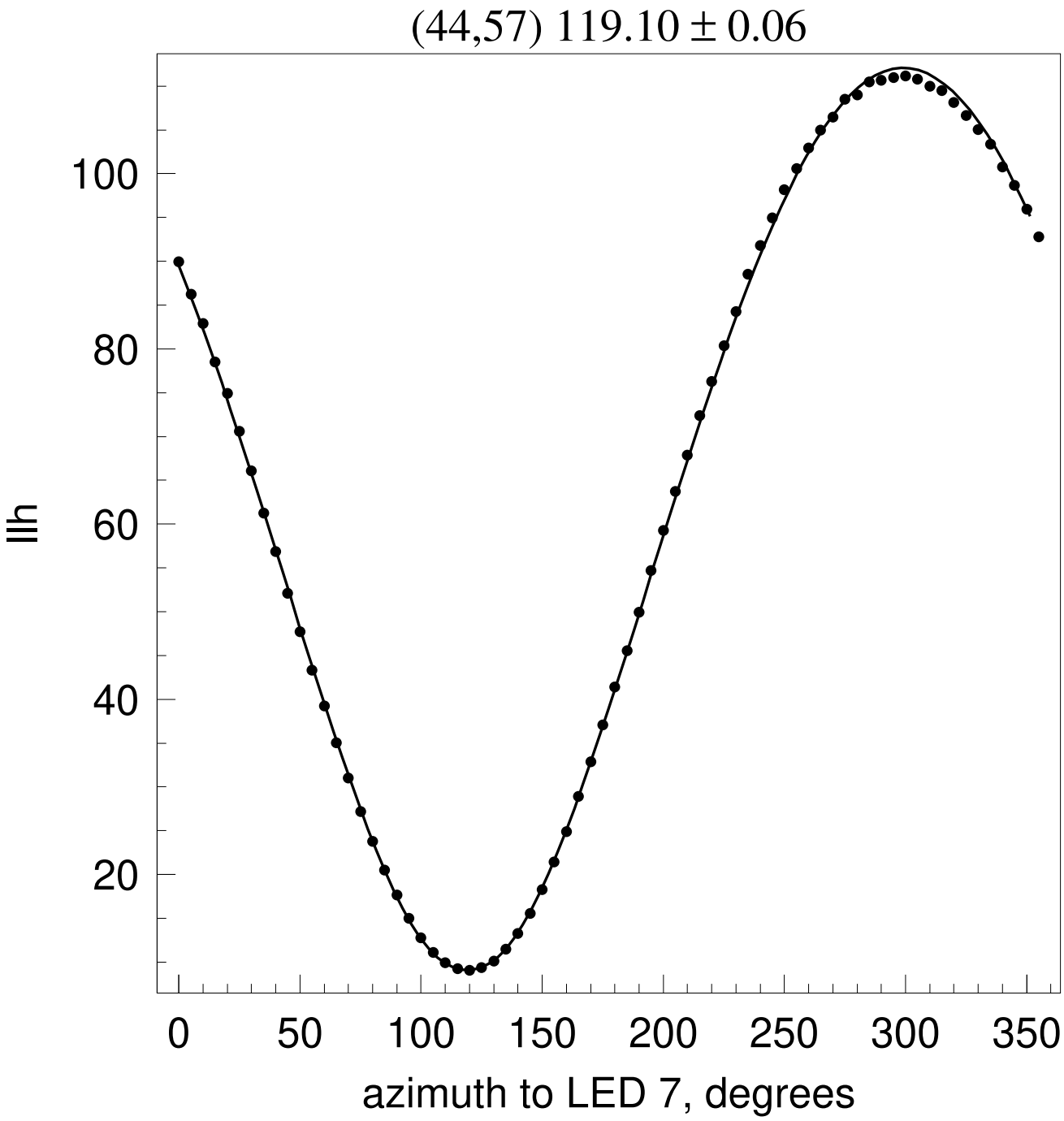

(44,52) 15.70 ± 0.23
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

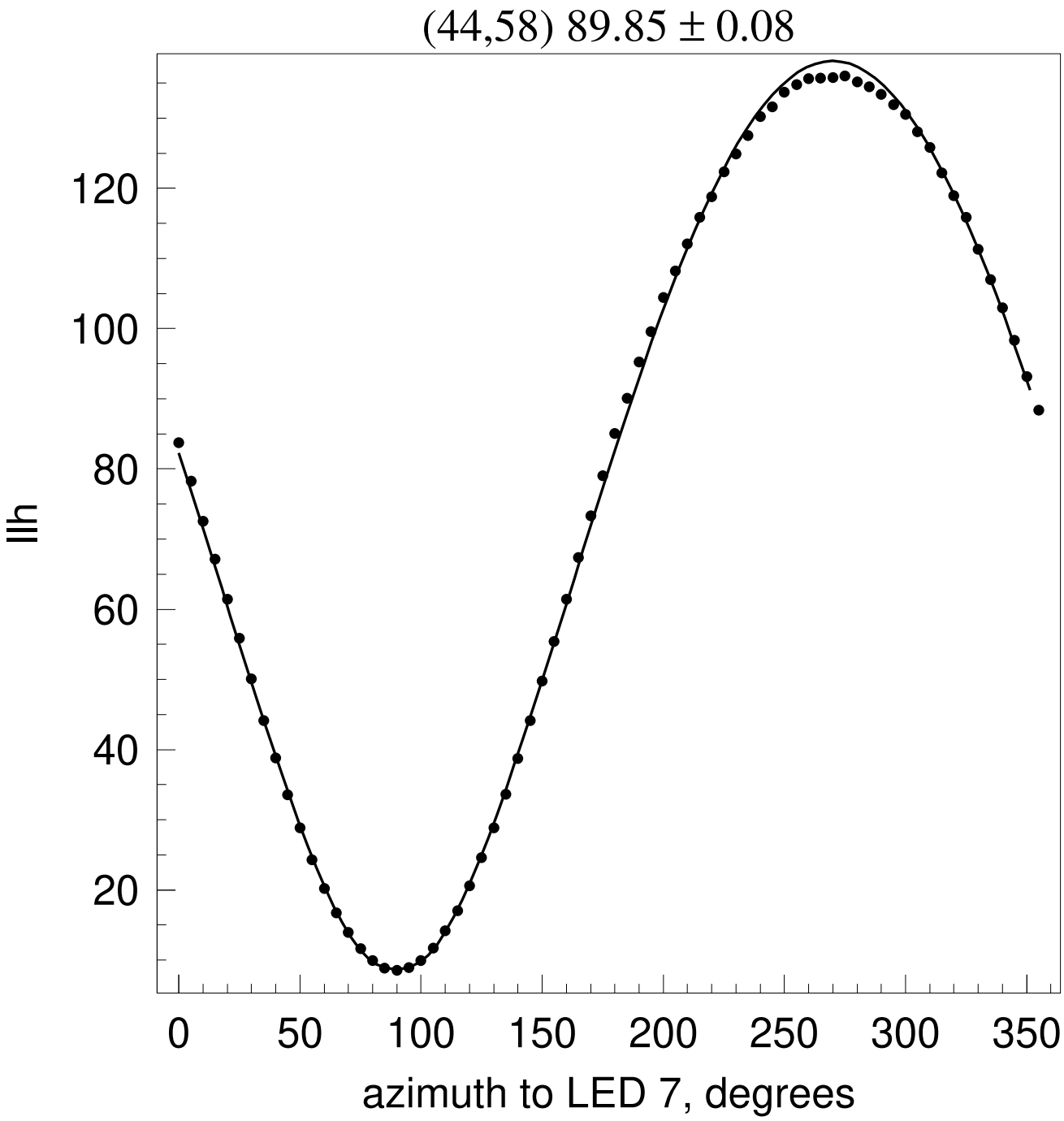

(44,53) 301.83 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

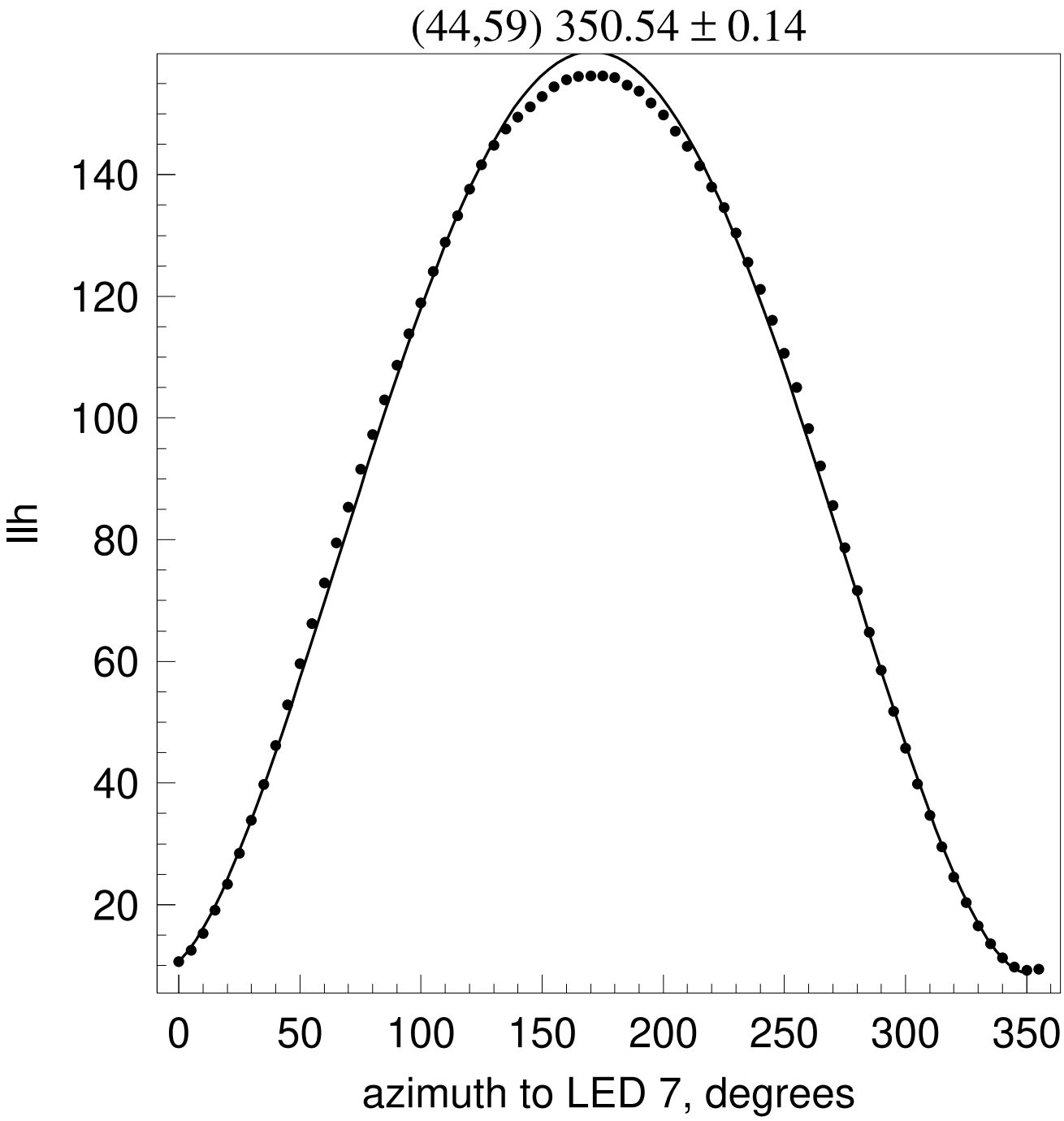

(44,54) 256.22 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

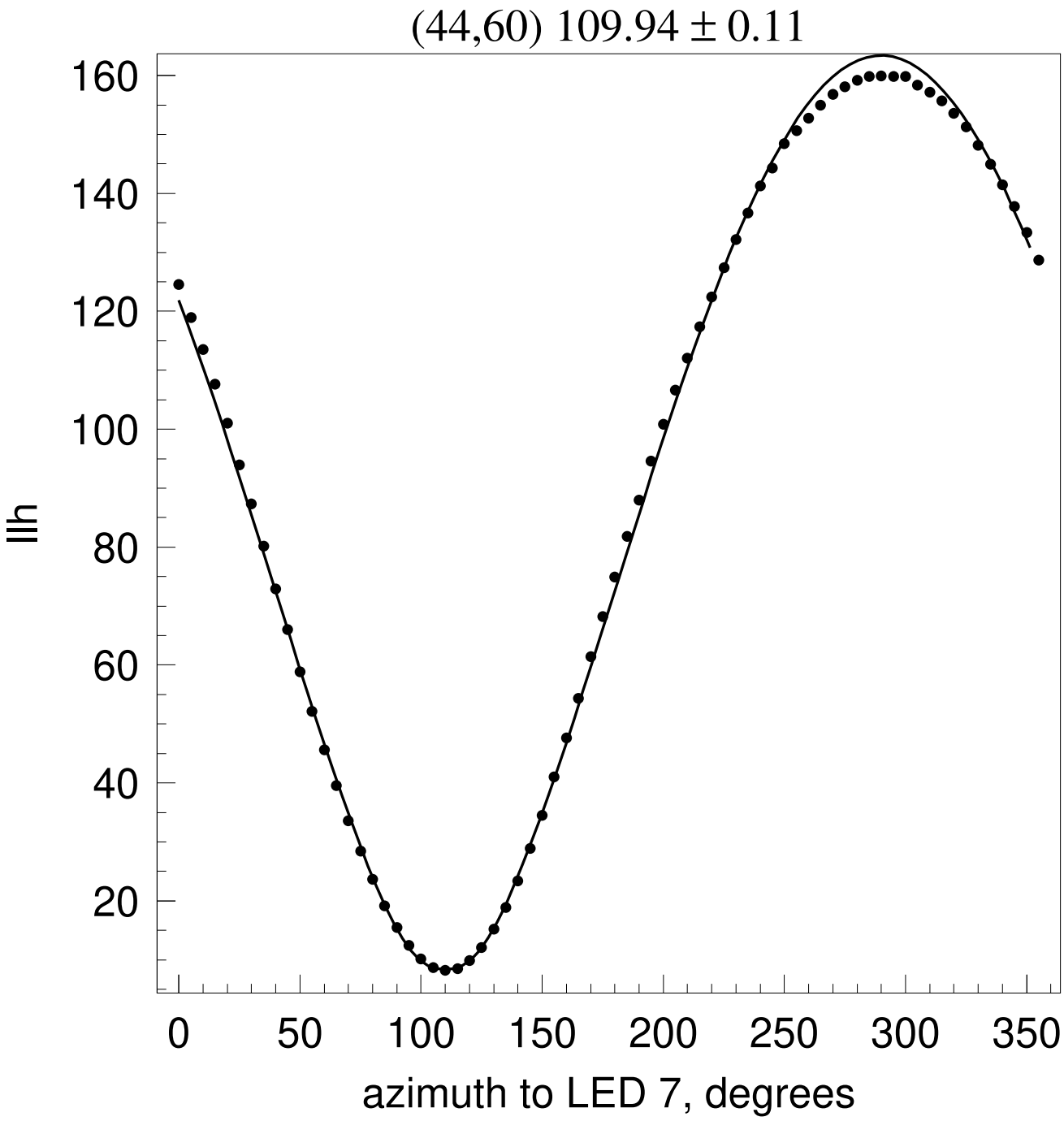

(44,55) 338.00 ± 0.04
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

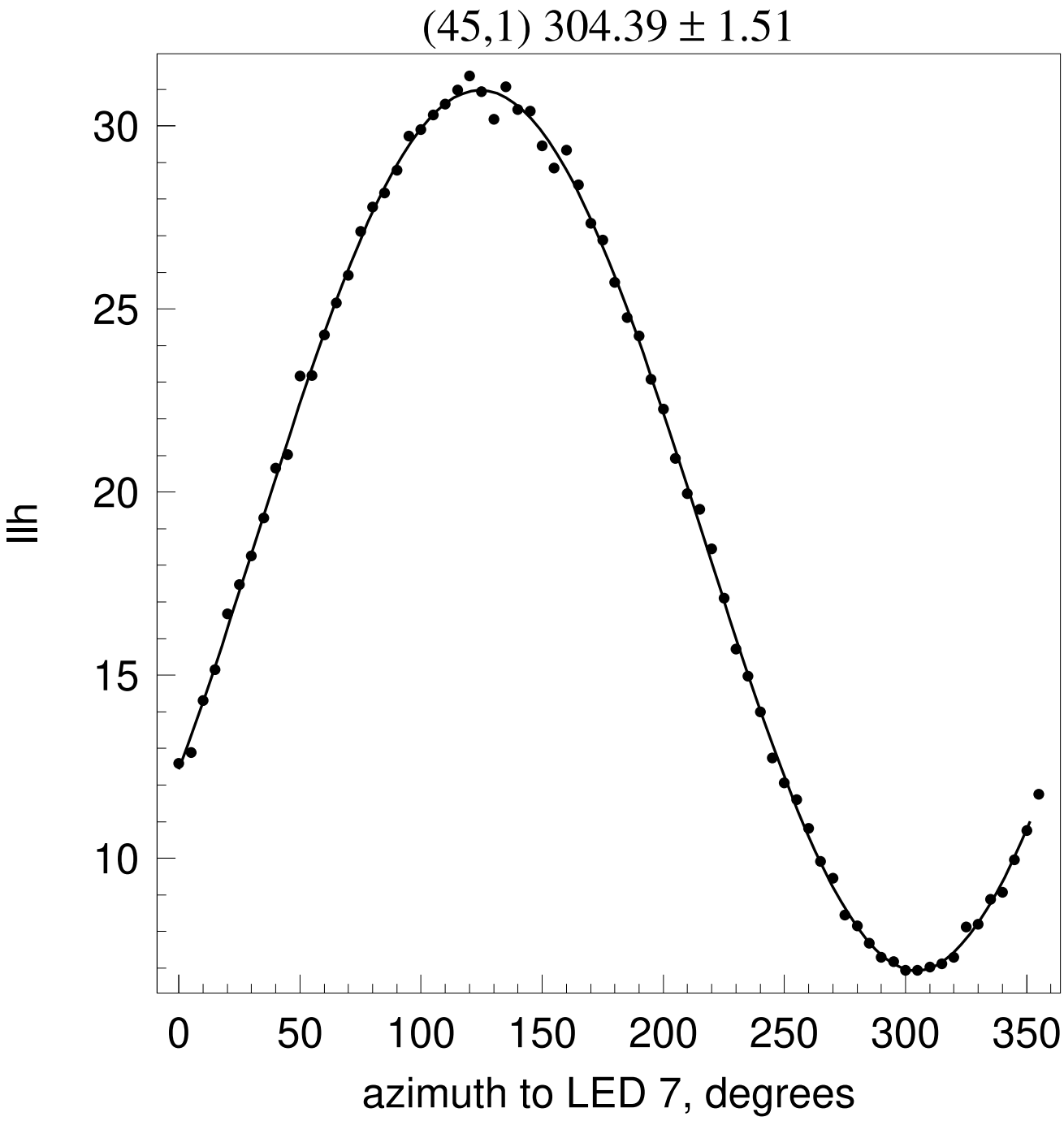

(44,56) 102.42 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

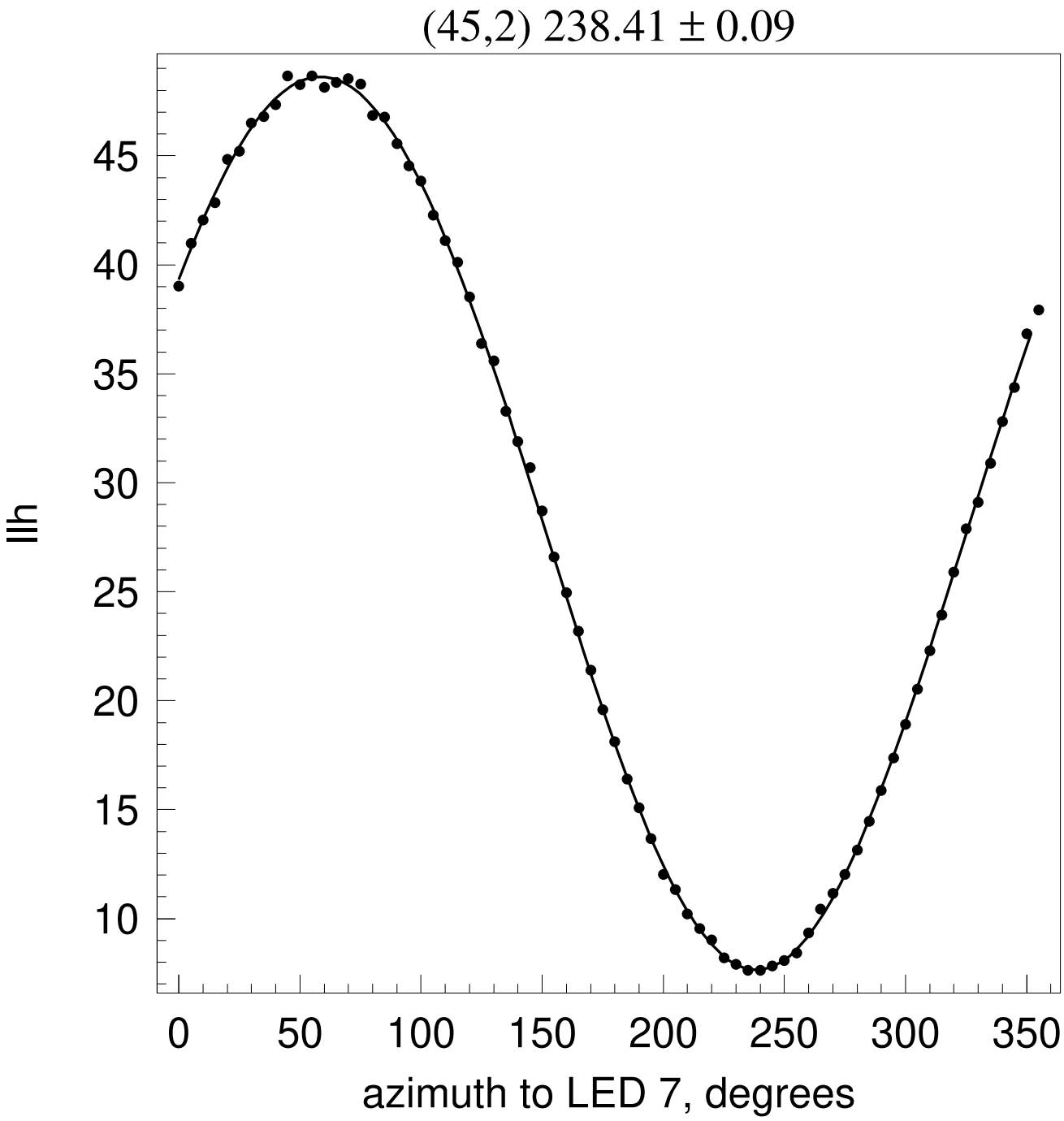

(44,57) 119.10 ± 0.06
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

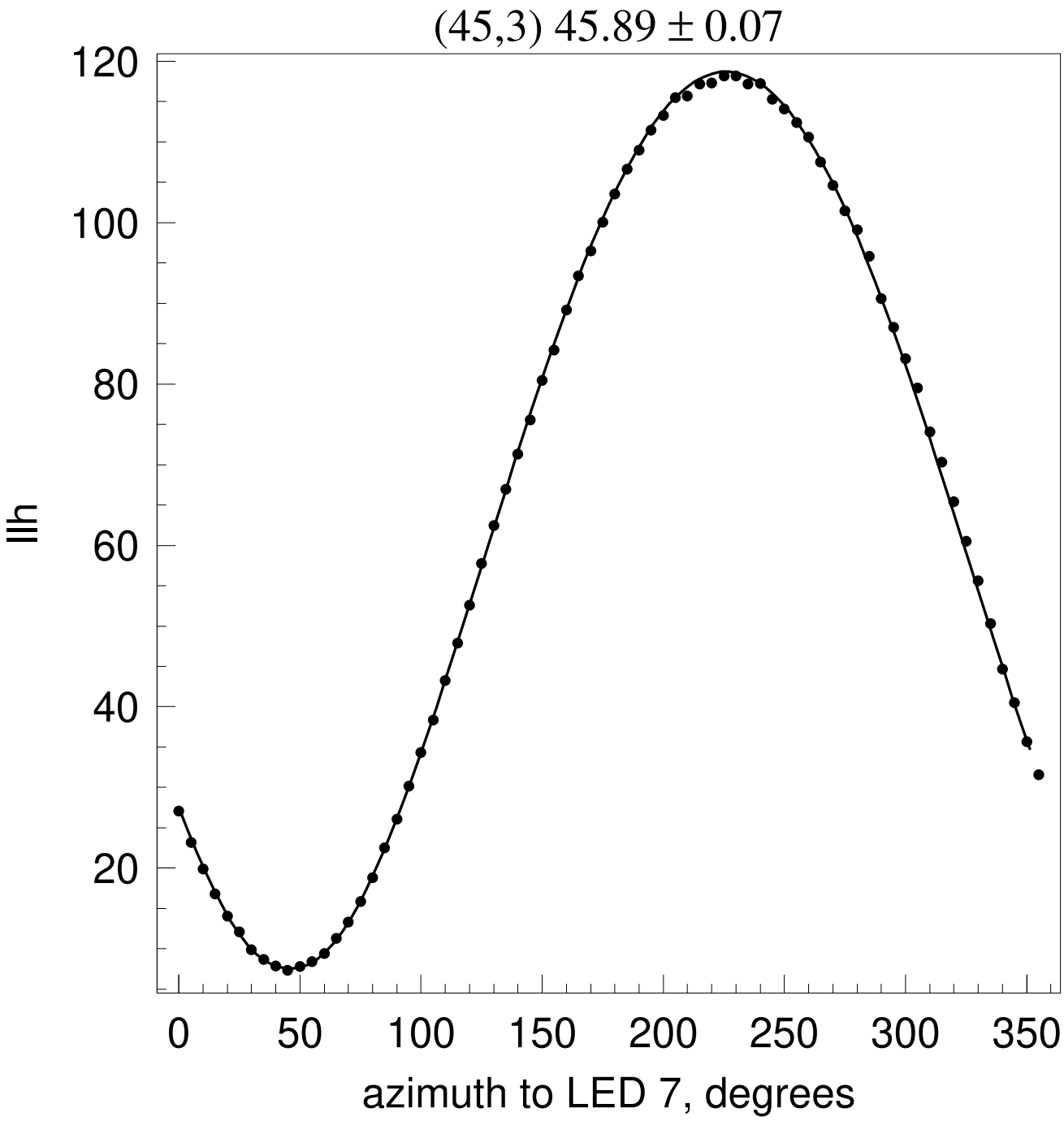

(44,58) 89.85 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

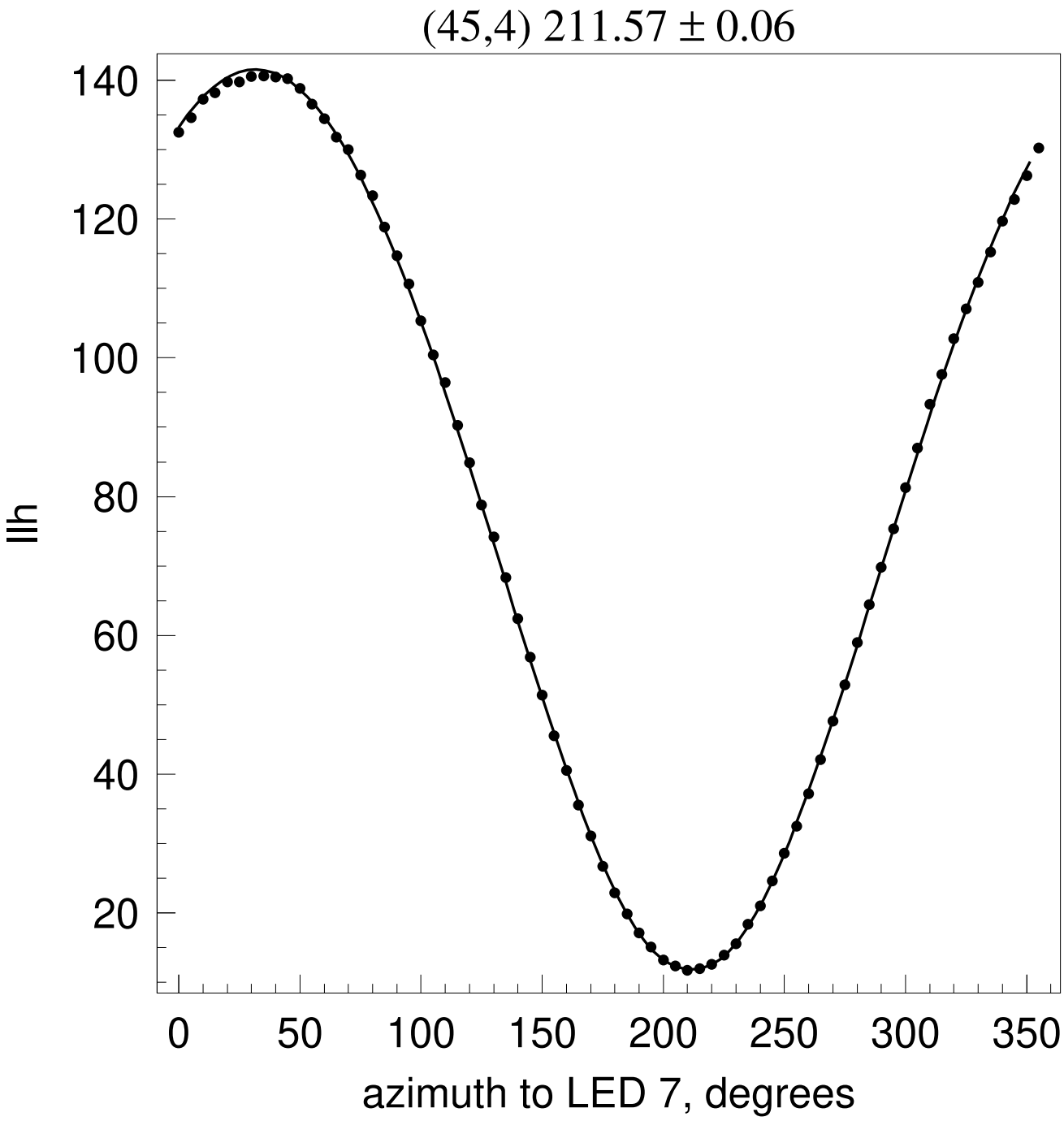

(44,59) 350.54 ± 0.14
llh
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

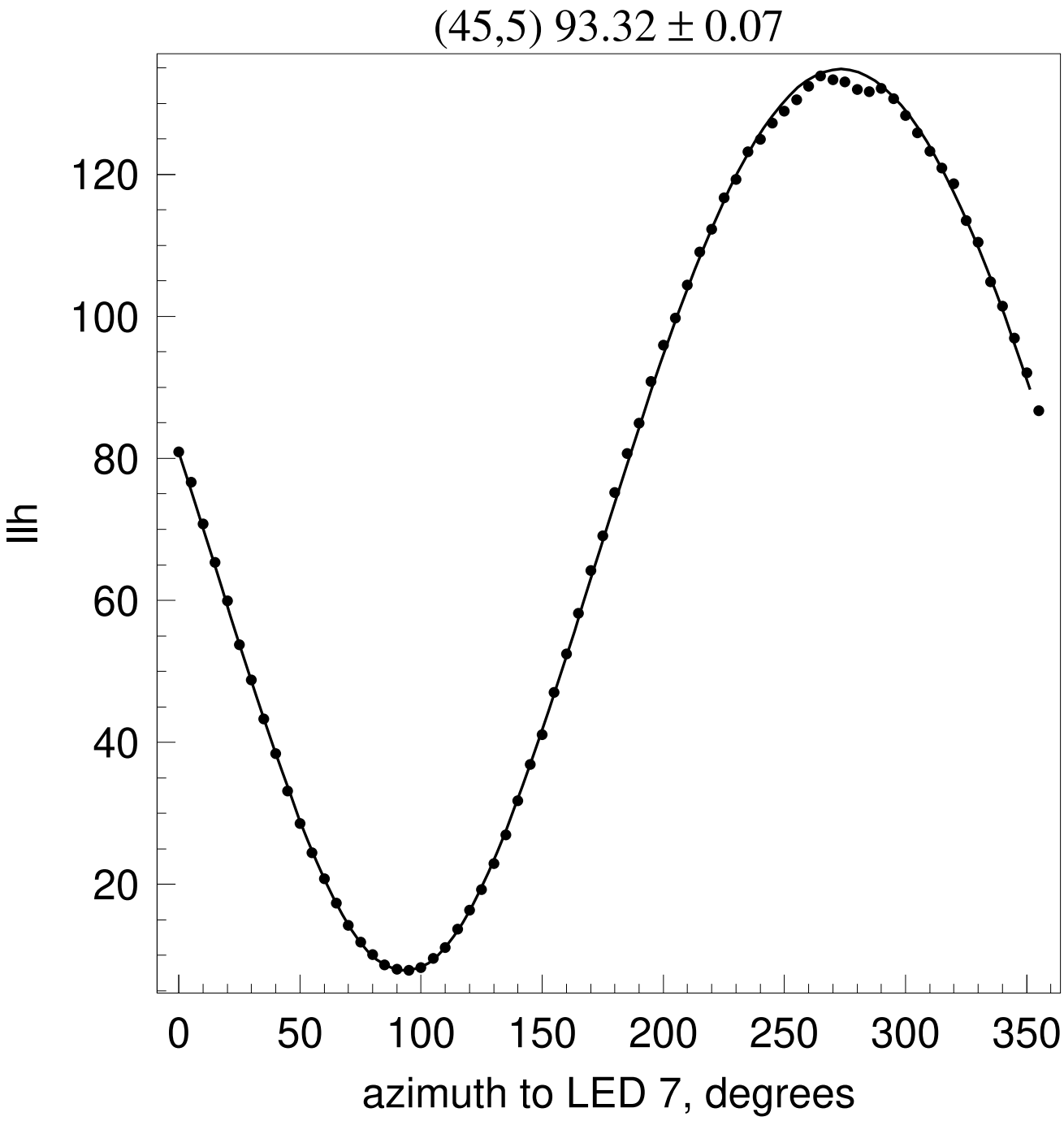

(44,60) 109.94 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

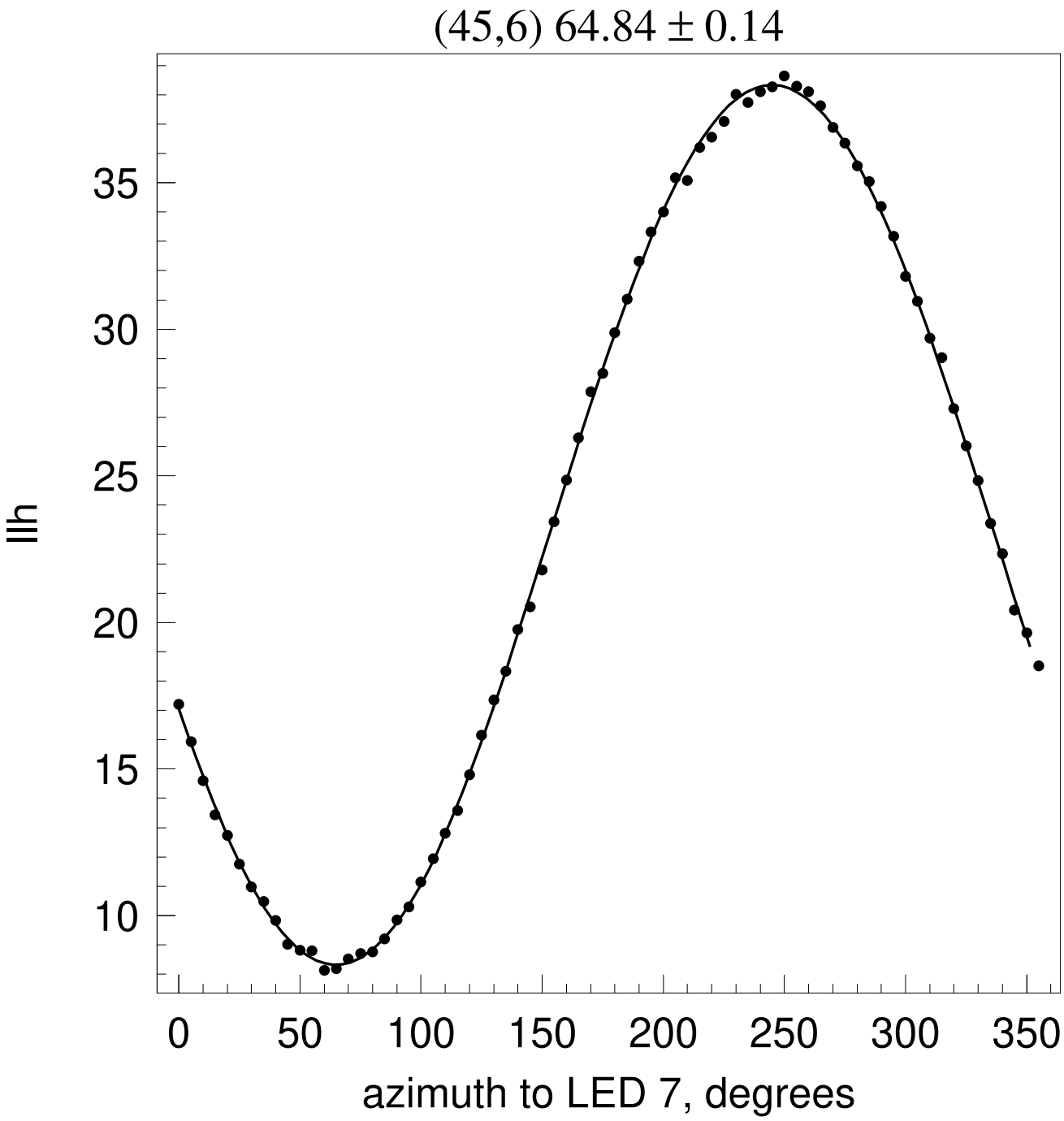

(45,1) 304.39 ± 1.51
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

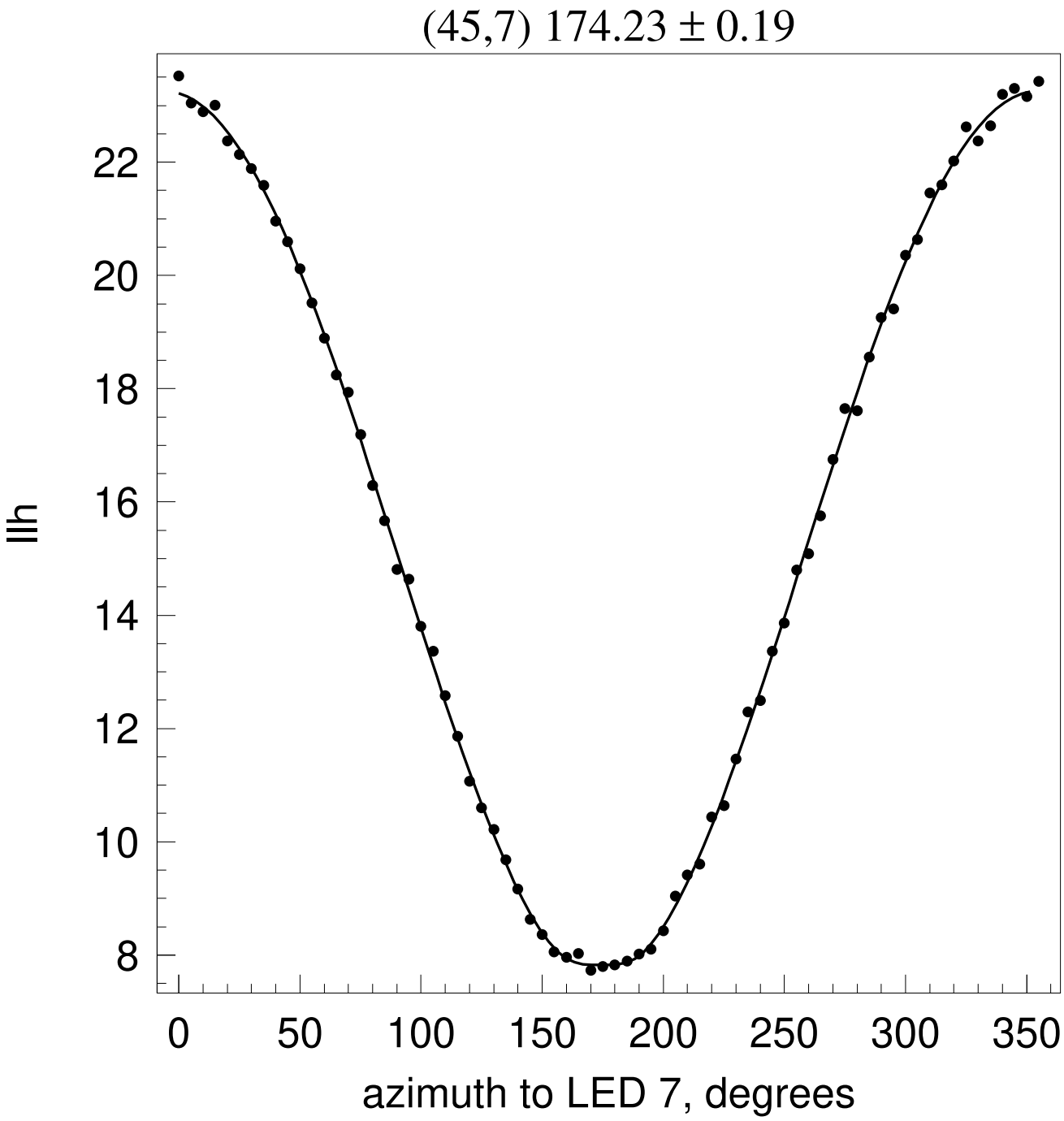

(45,2) 238.41 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

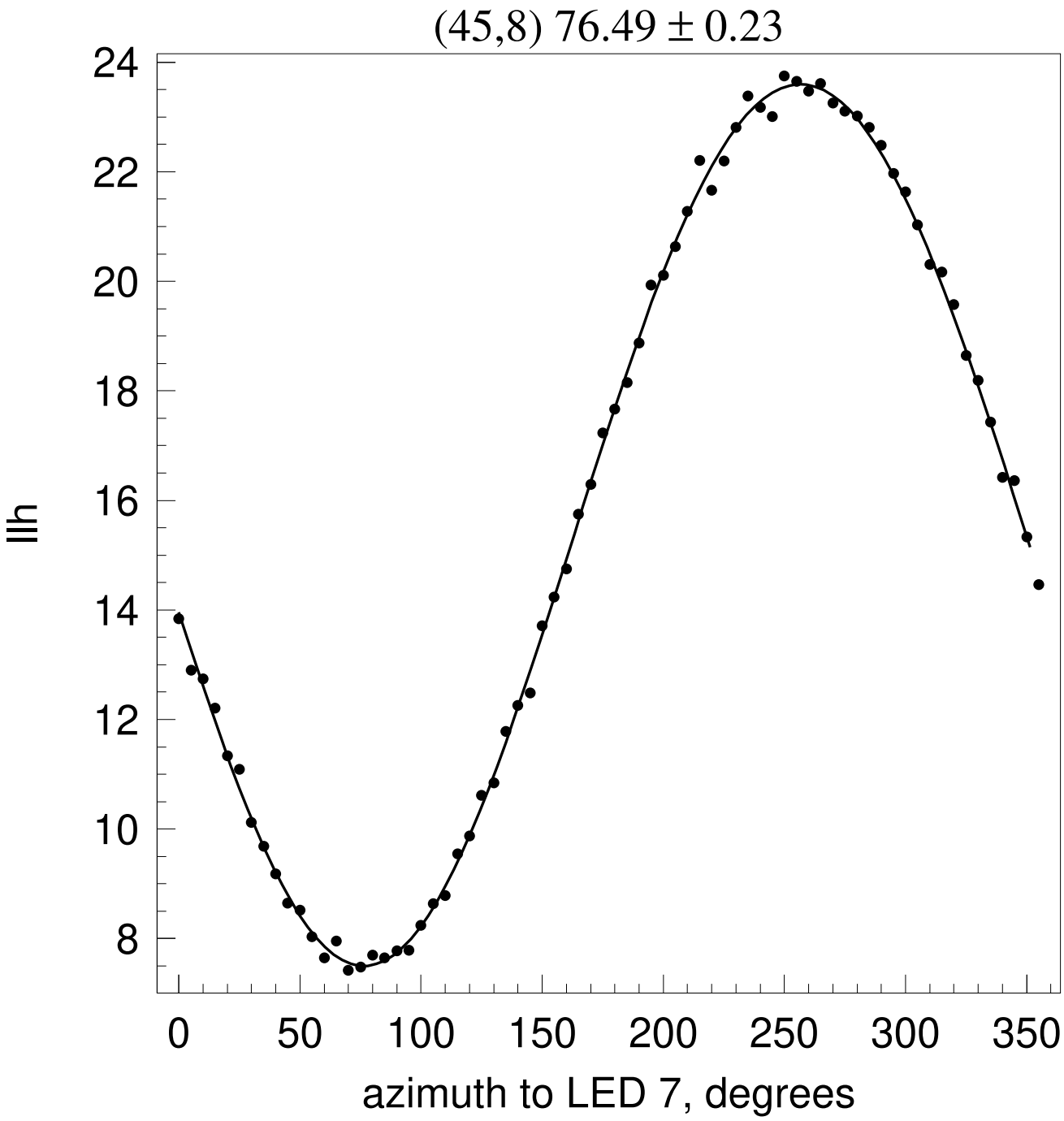

(45,3) 45.89 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

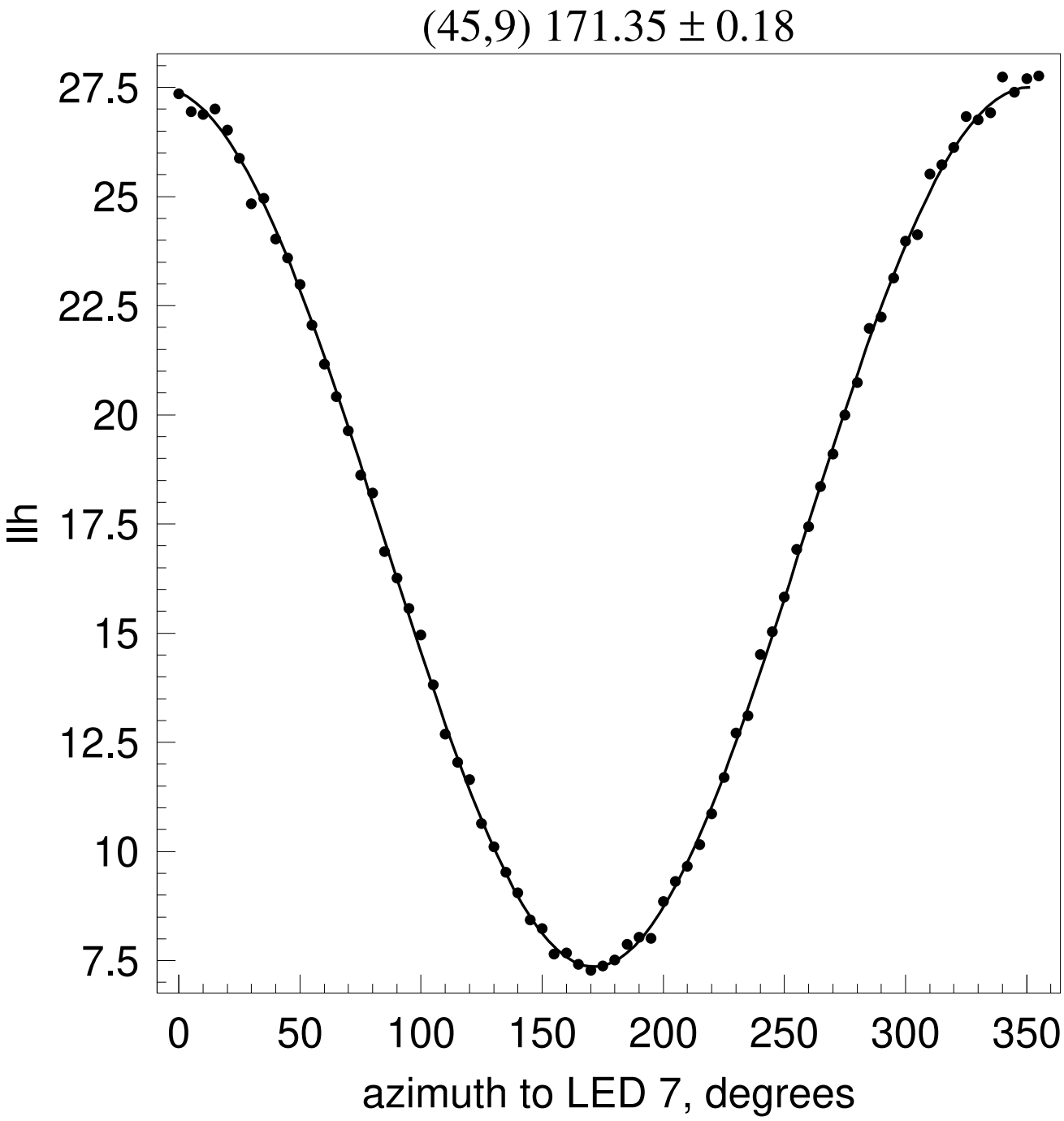

(45,4) 211.57 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

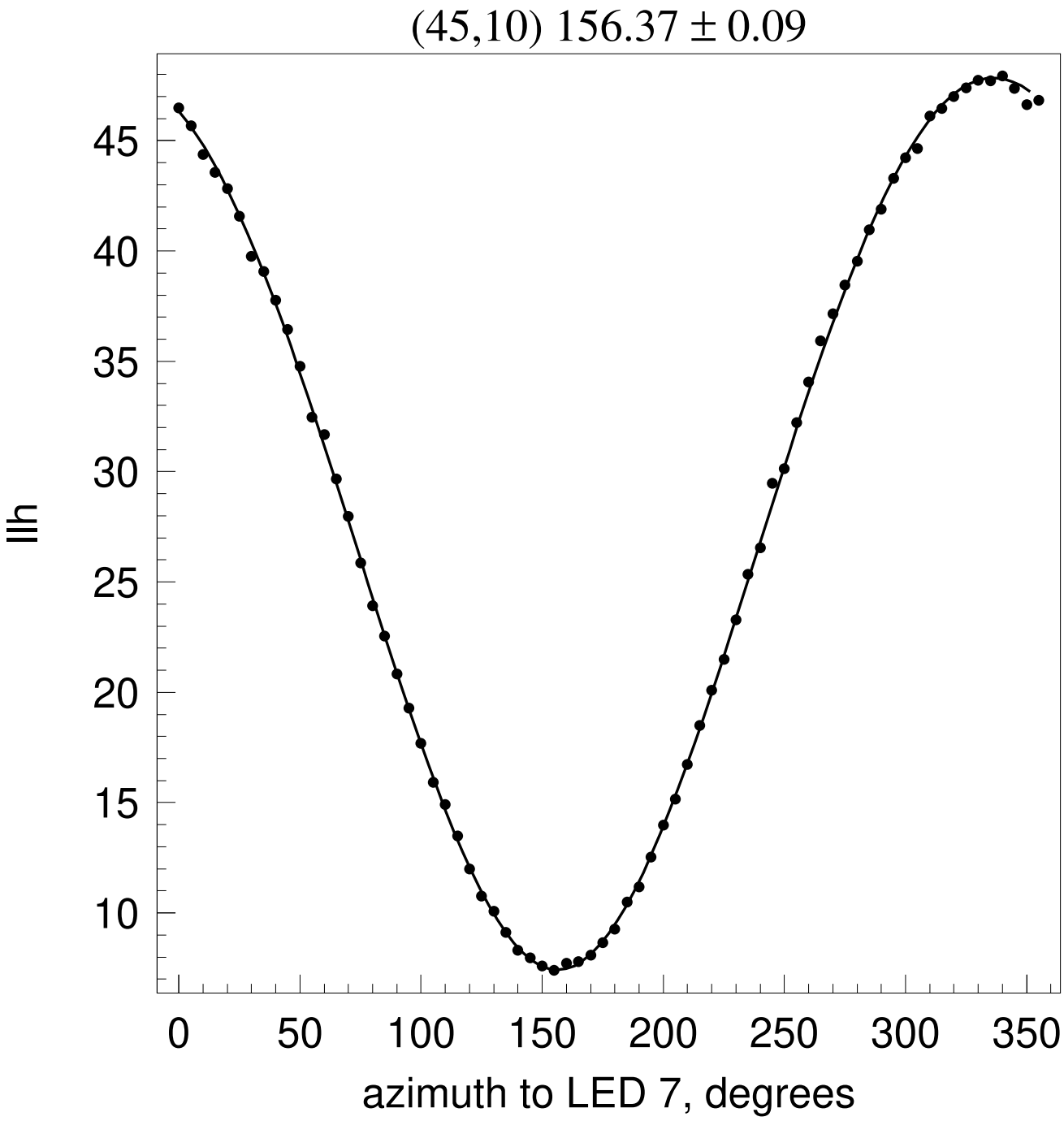

(45,5) 93.32 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

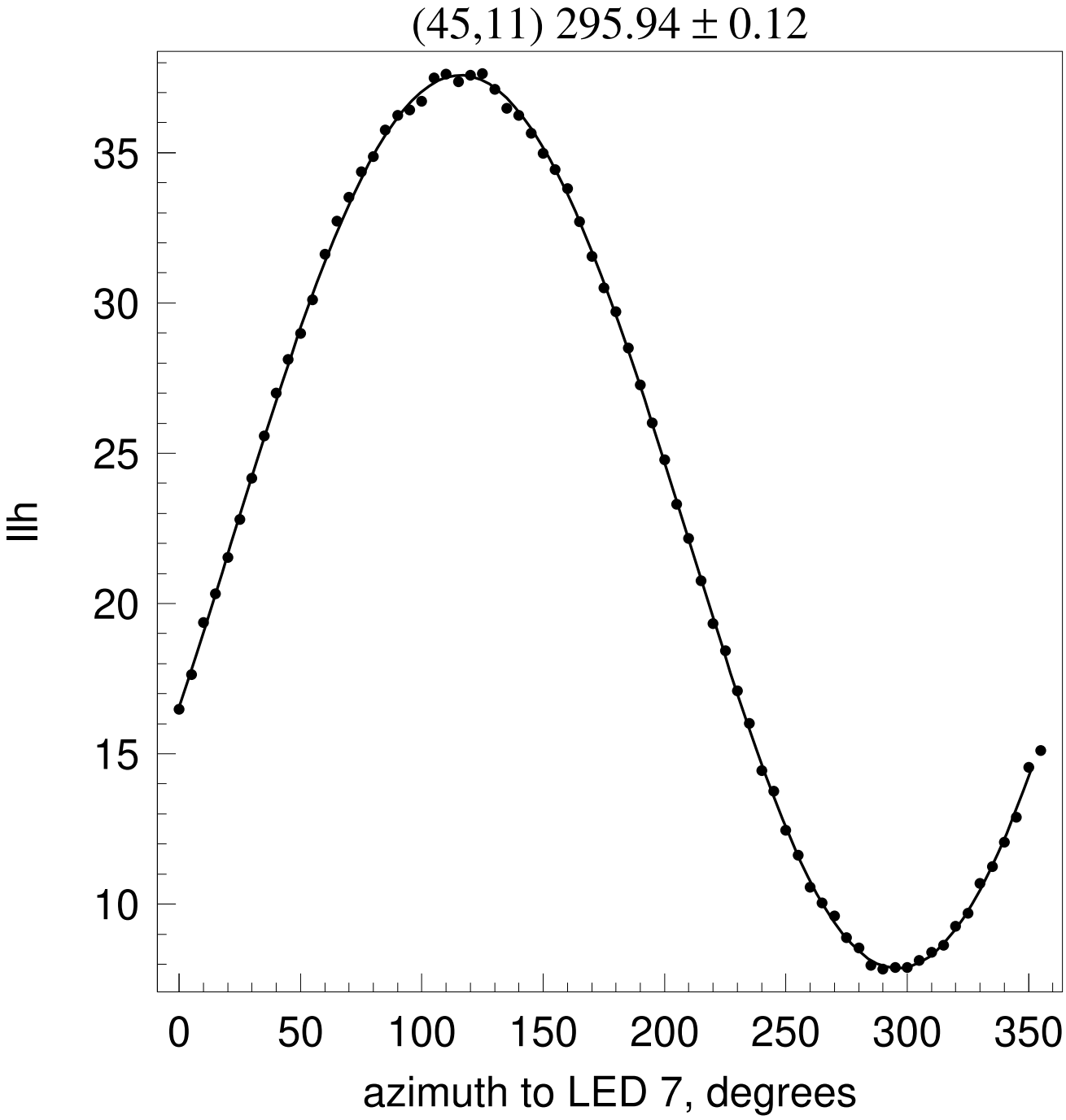

(45,6) 64.84 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

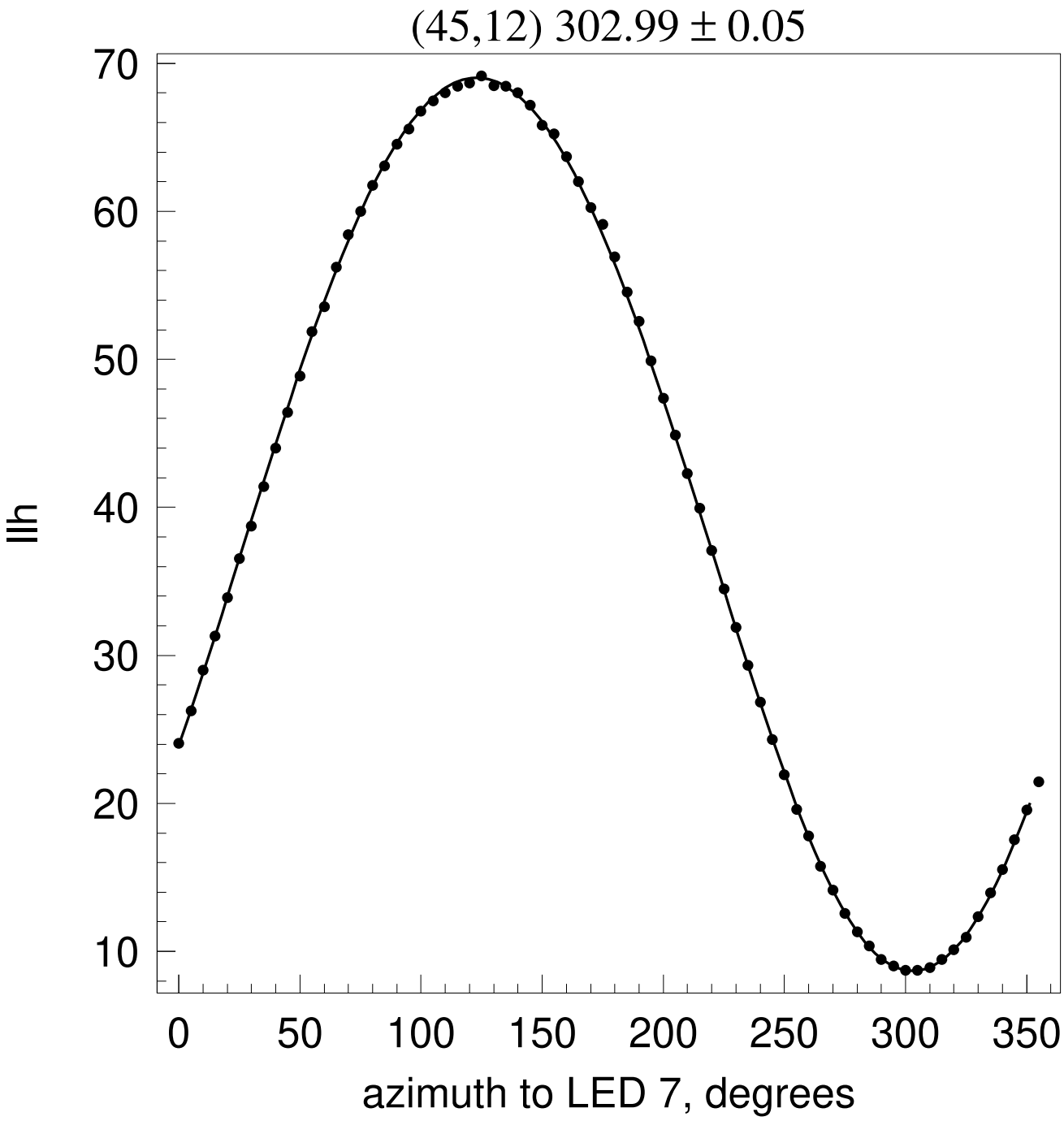

(45,7) 174.23 ± 0.19
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

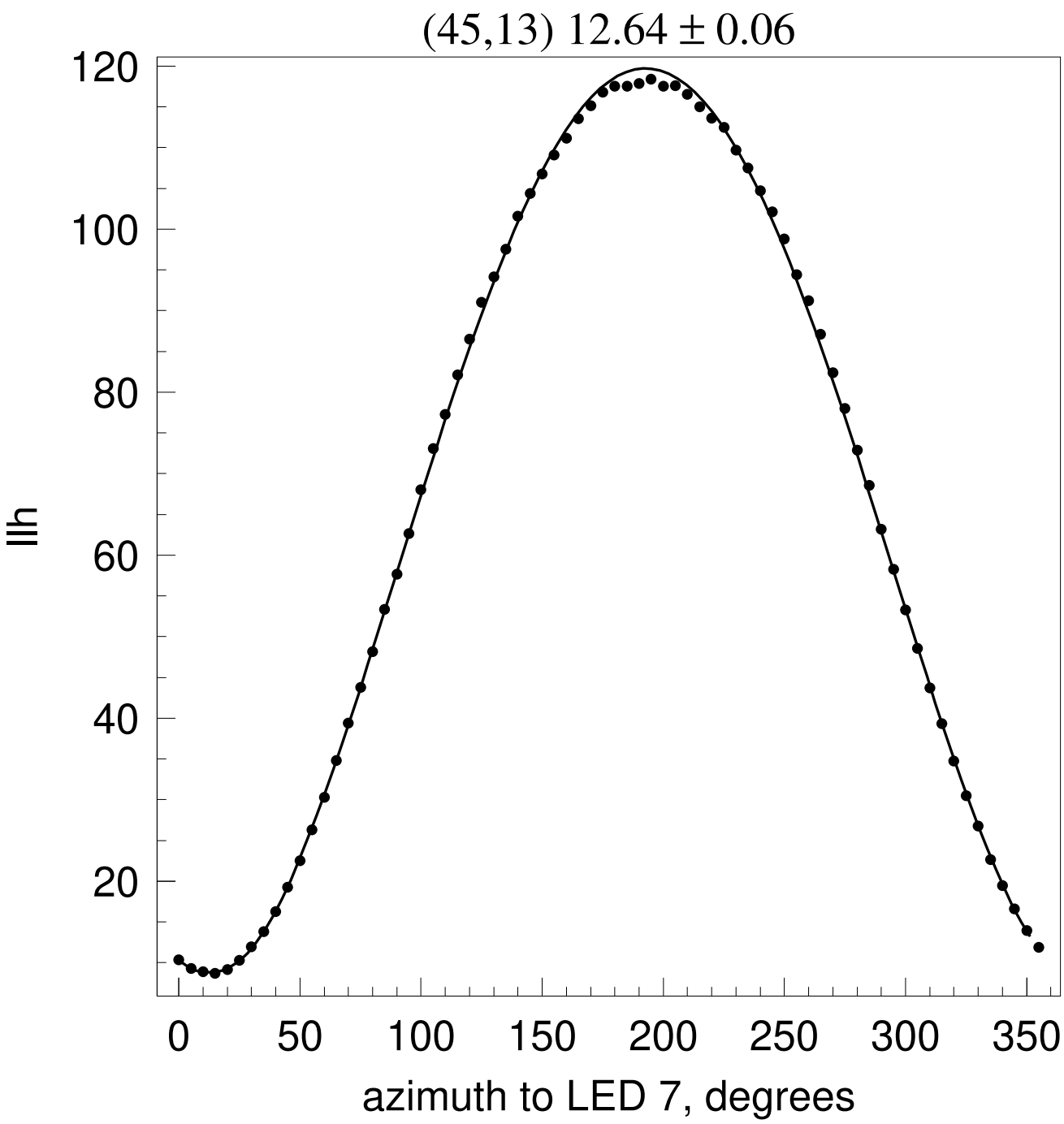

(45,8) 76.49 ± 0.23
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

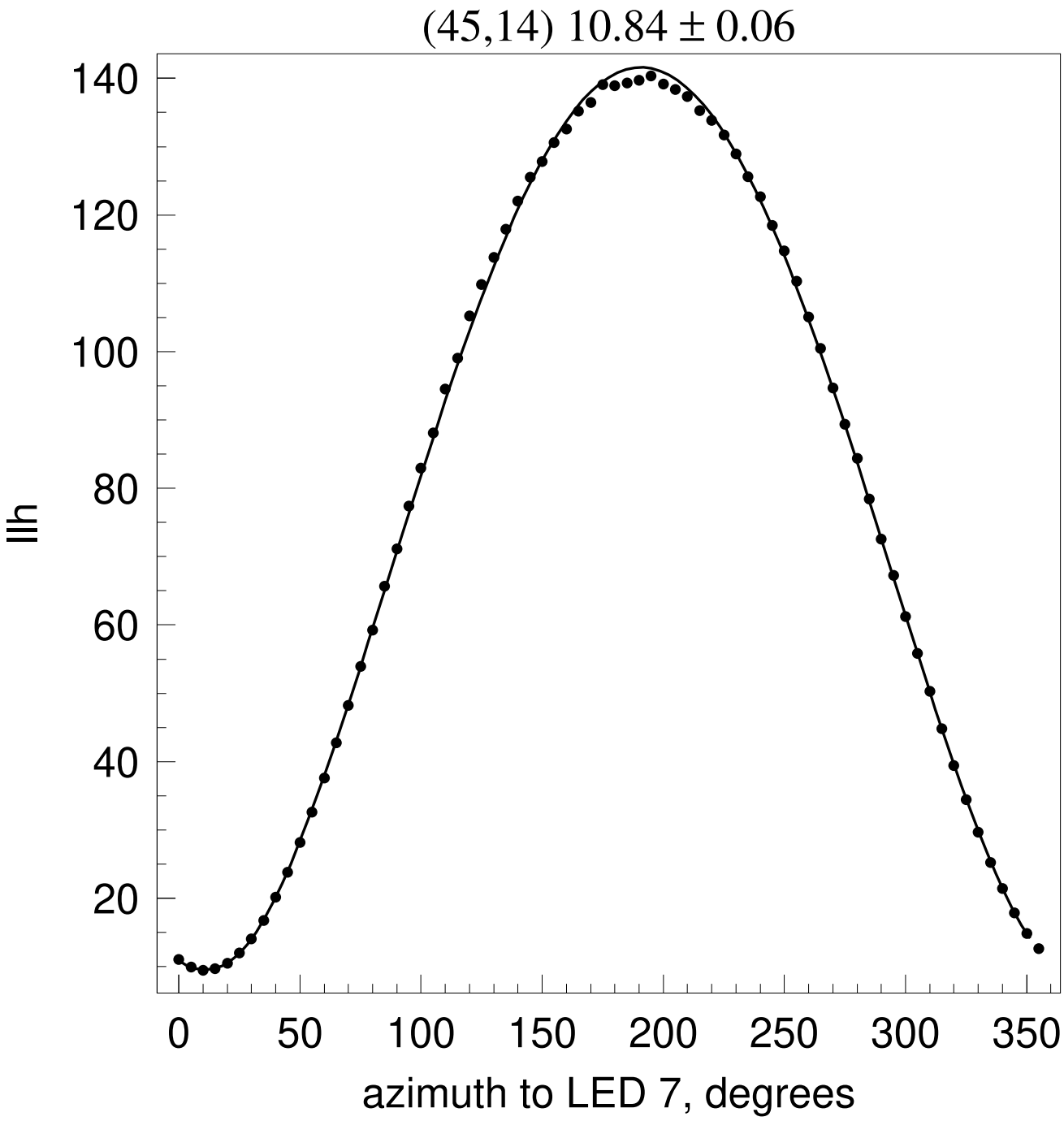

(45,9) 171.35 ± 0.18
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

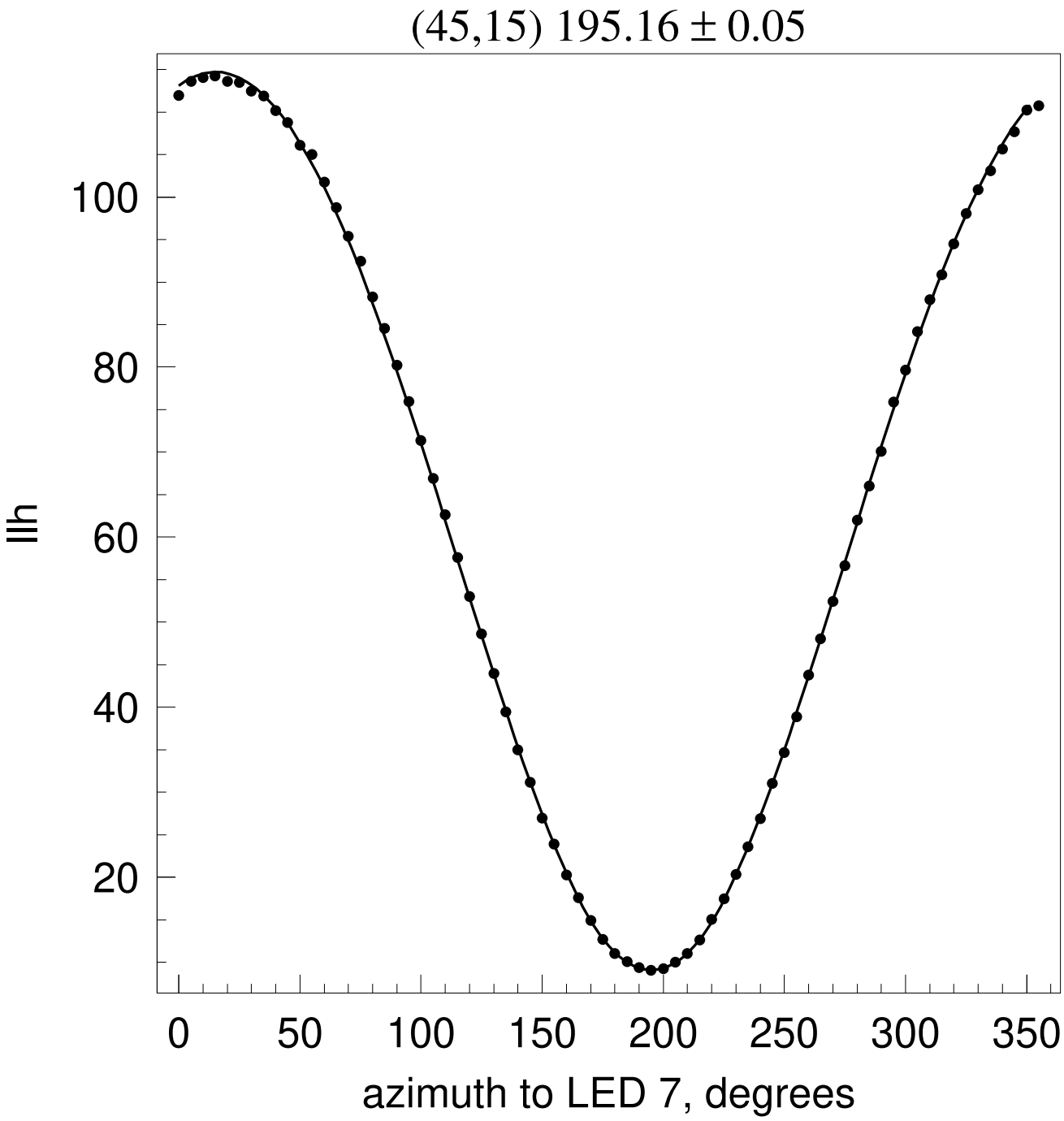

(45,10) 156.37 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

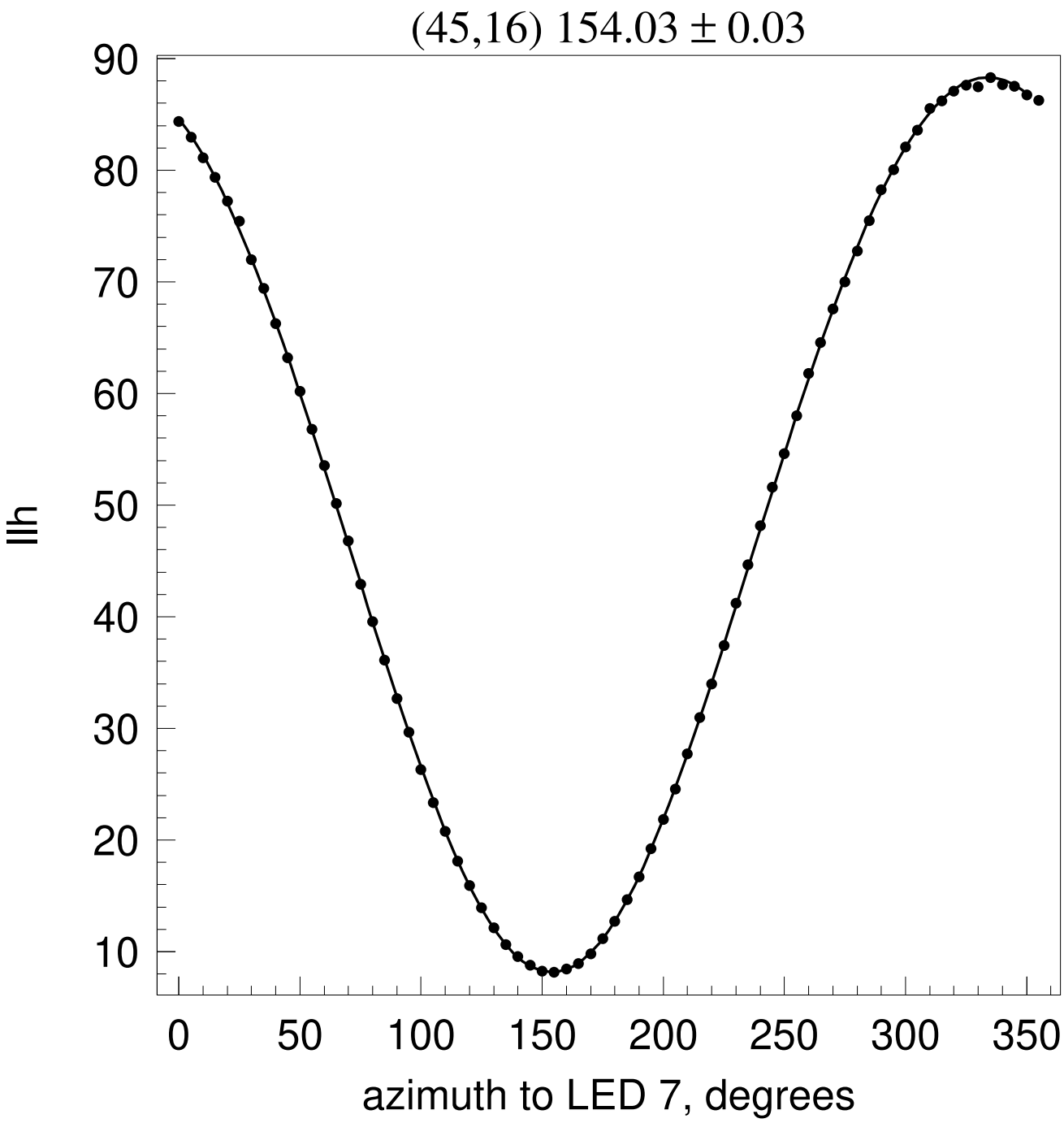

(45,11) 295.94 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

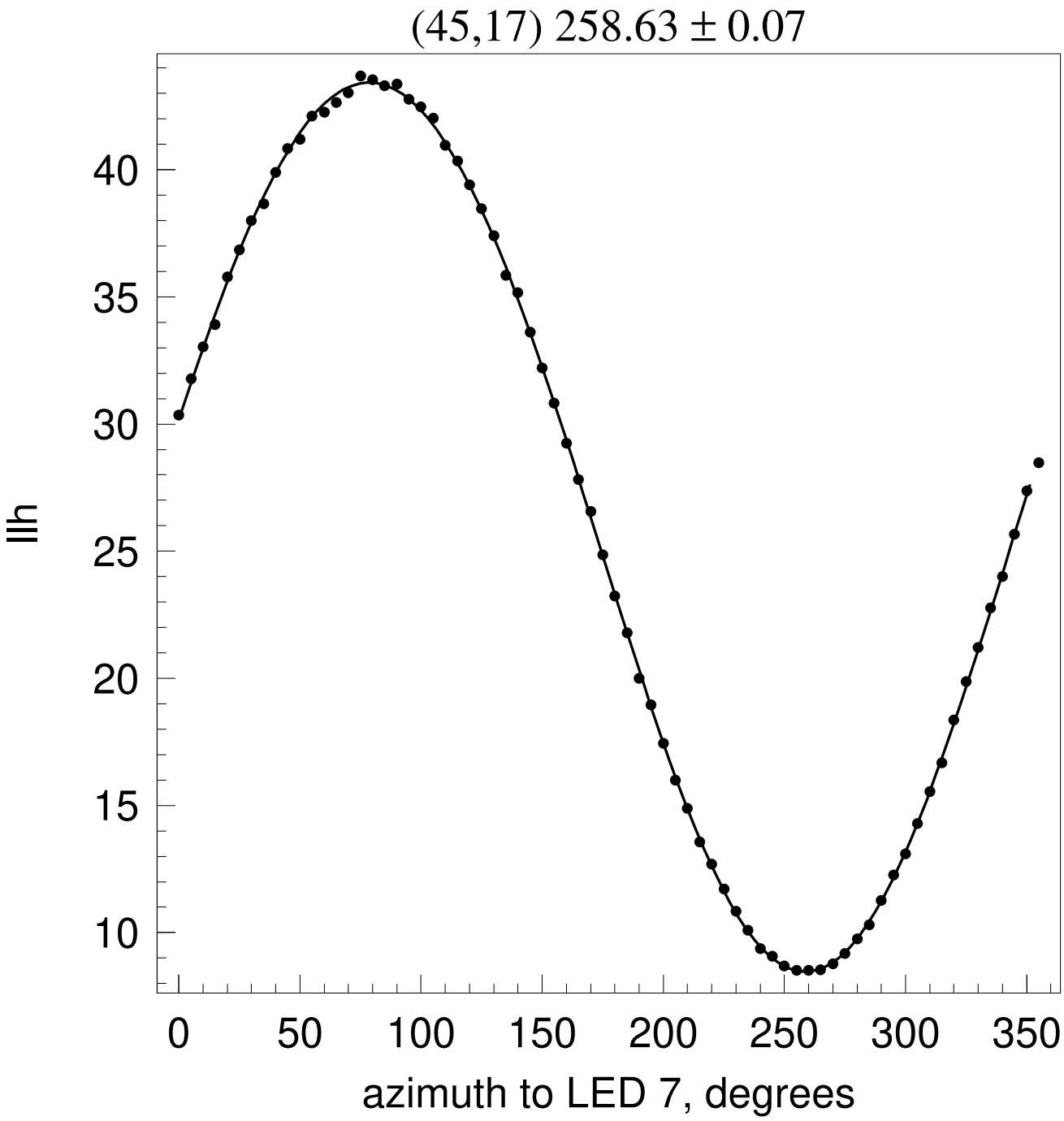

(45,12) 302.99 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

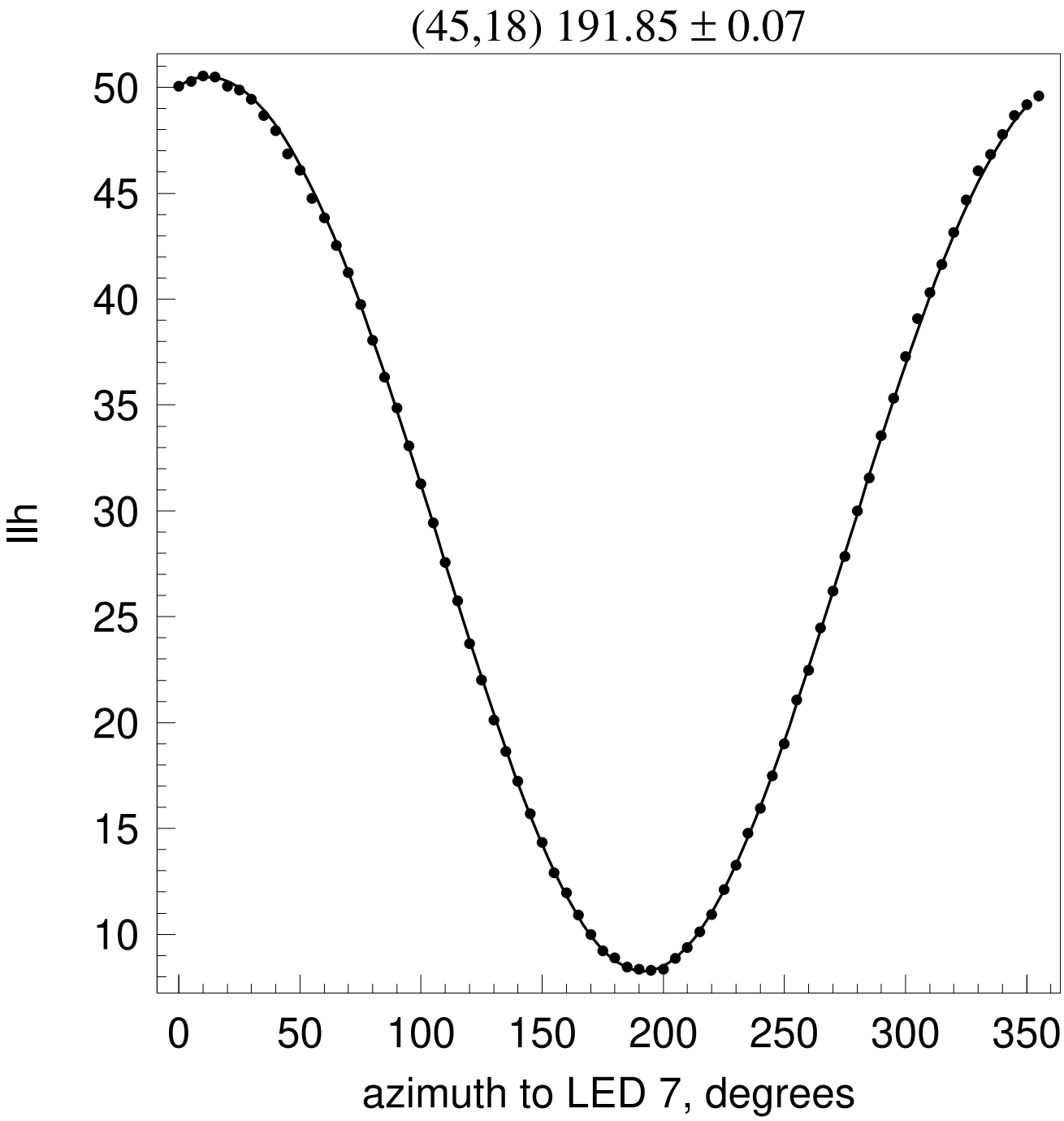

(45,13) 12.64 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

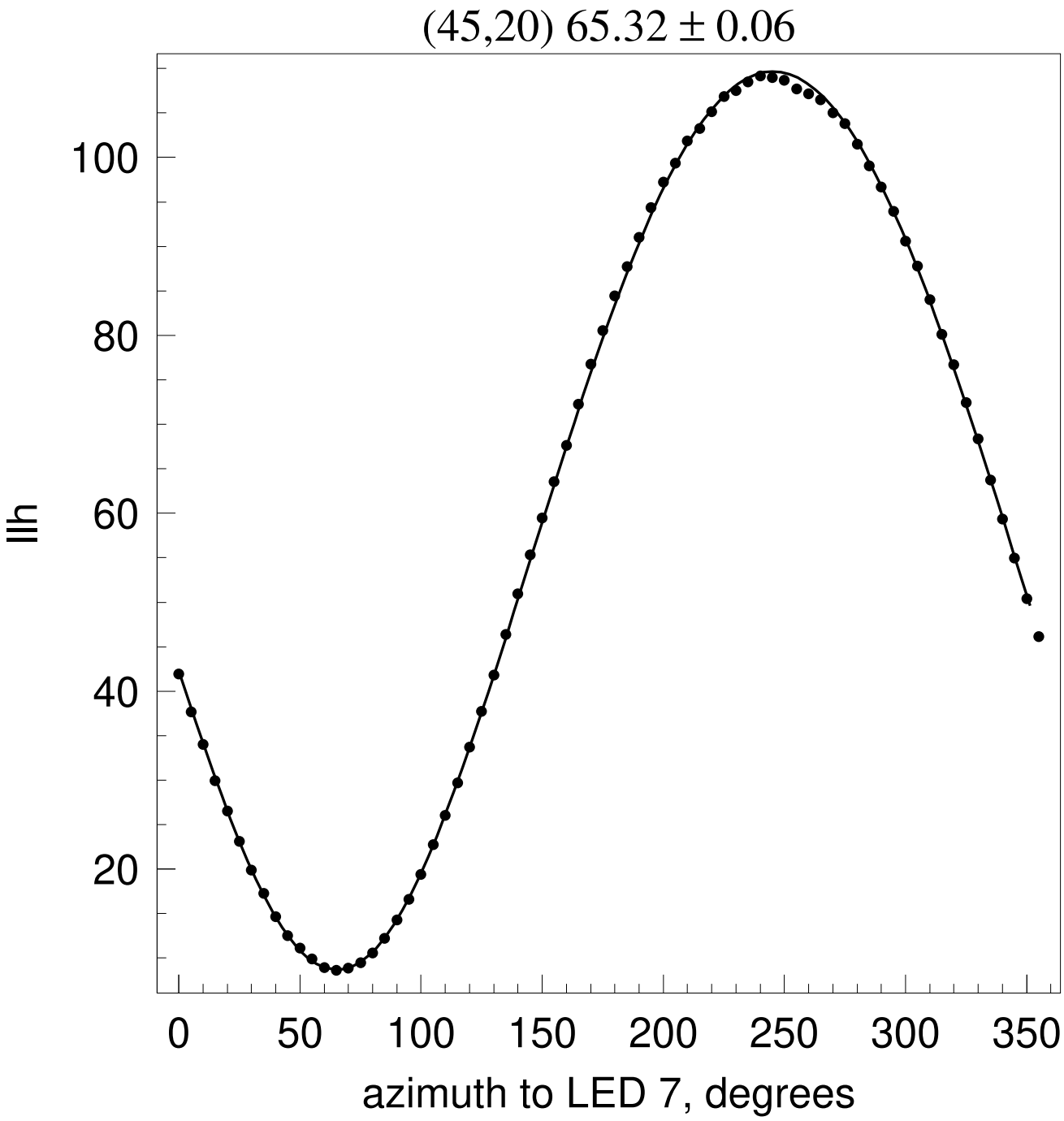

(45,14) 10.84 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

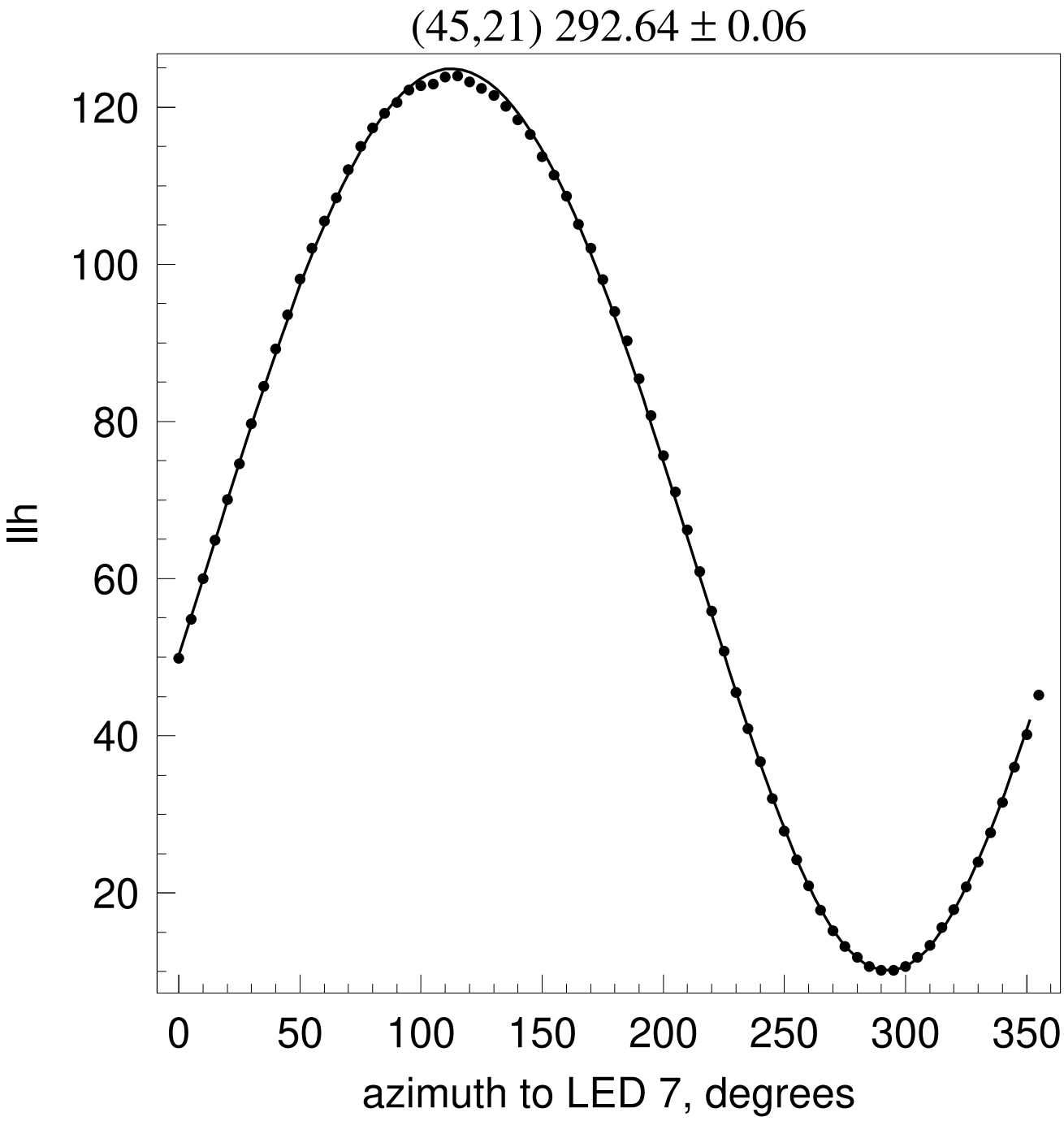

(45,15) 195.16 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

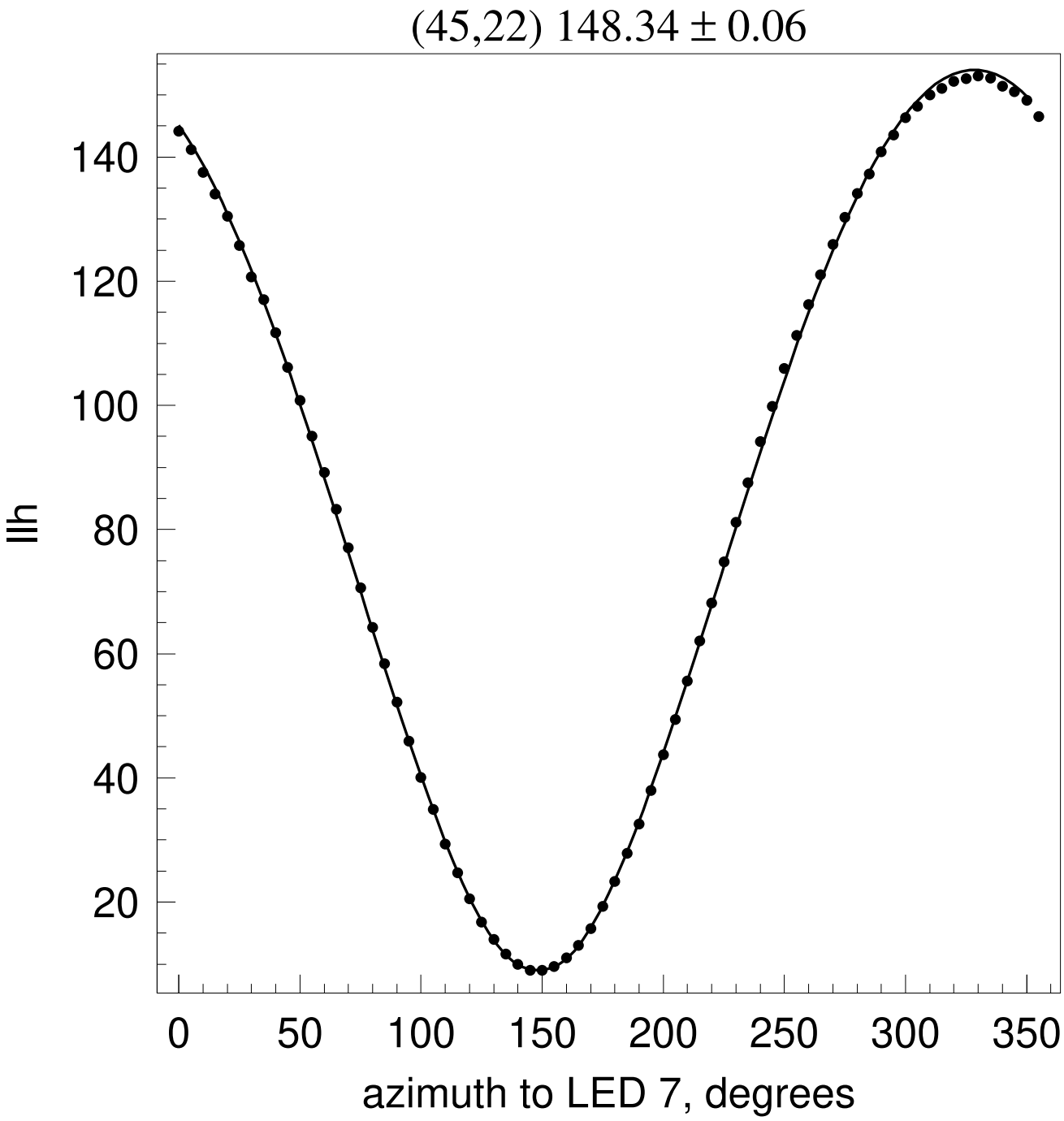

(45,16) 154.03 ± 0.03
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

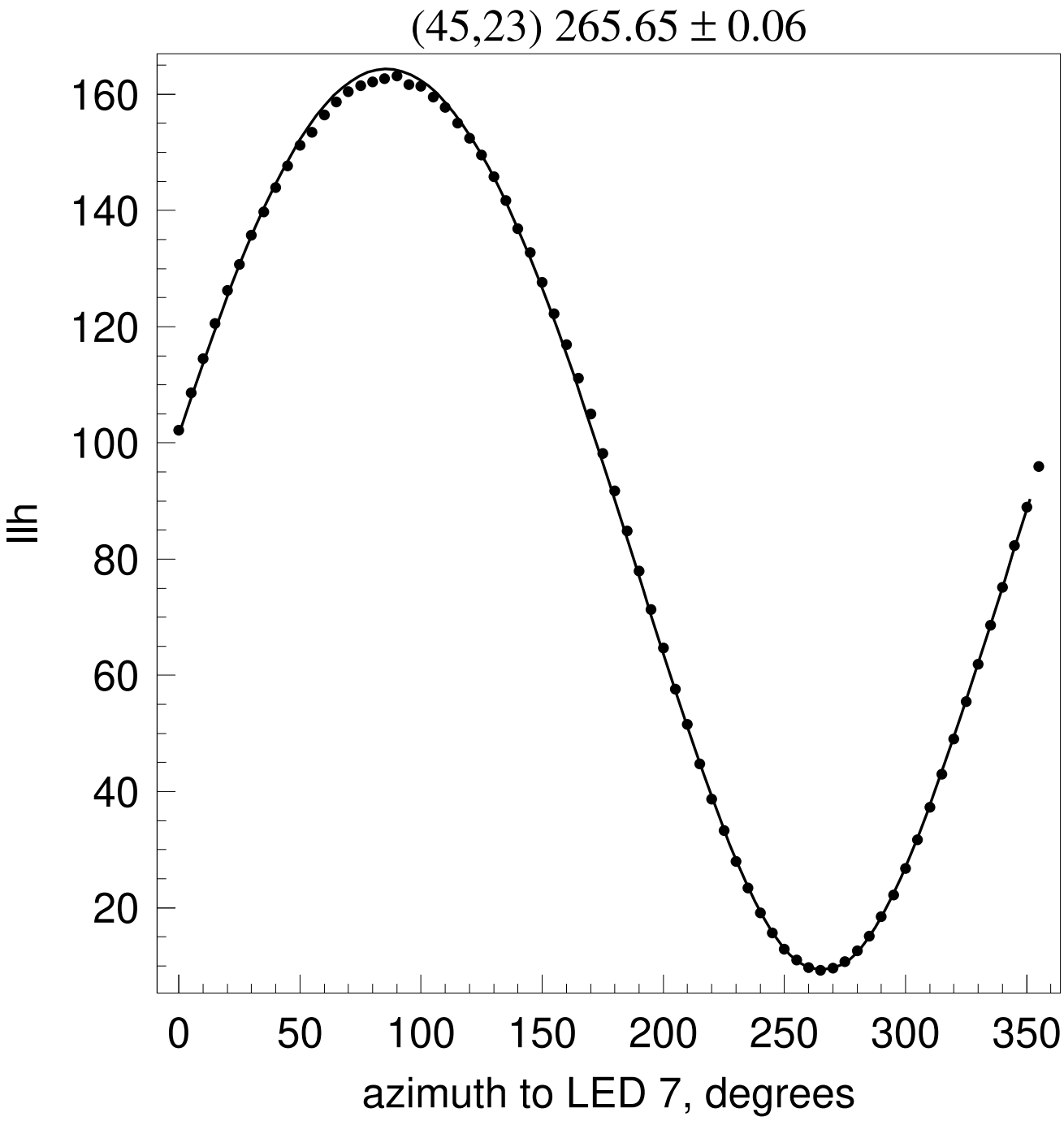

(45,17) 258.63 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

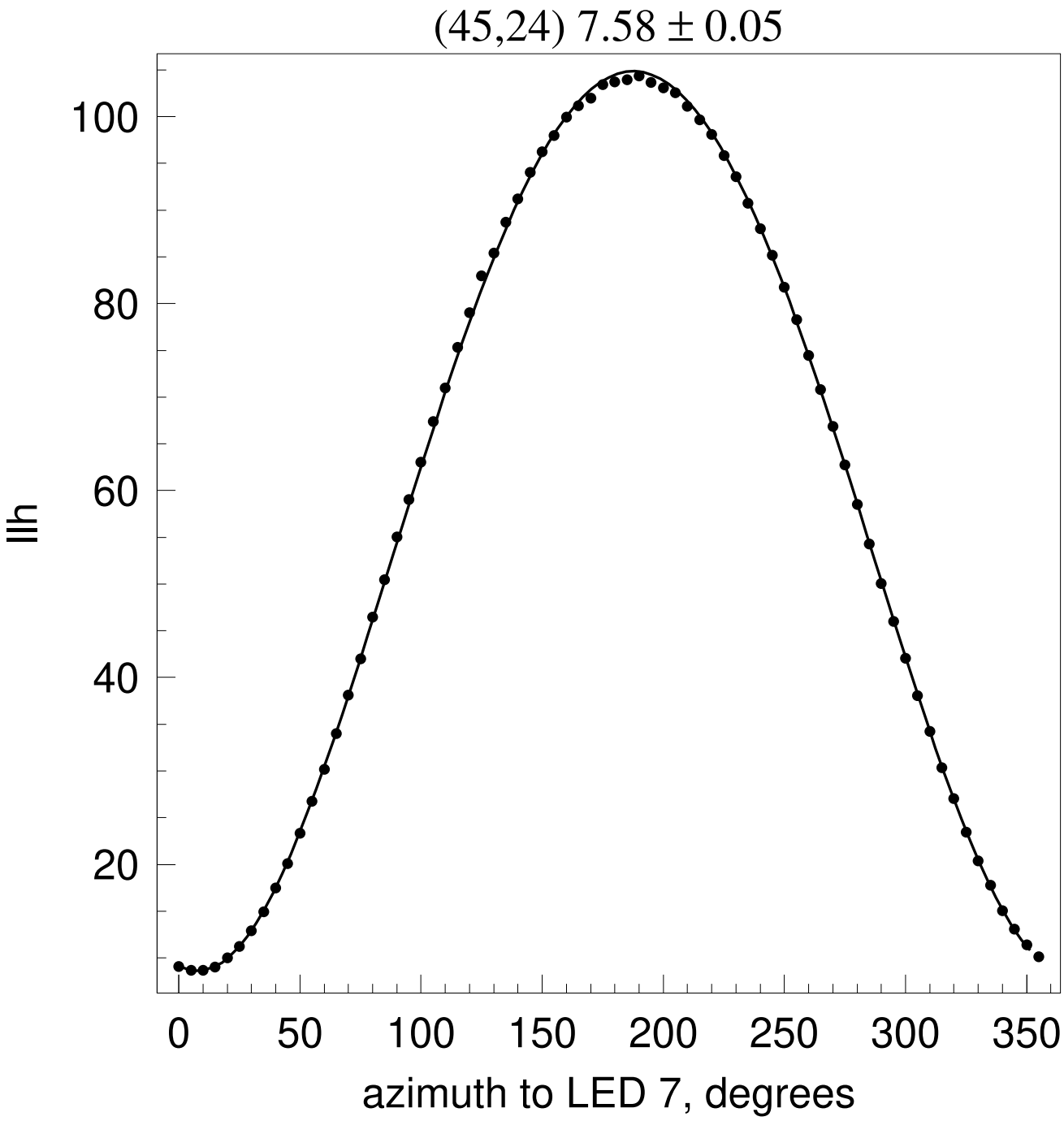

(45,18) 191.85 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

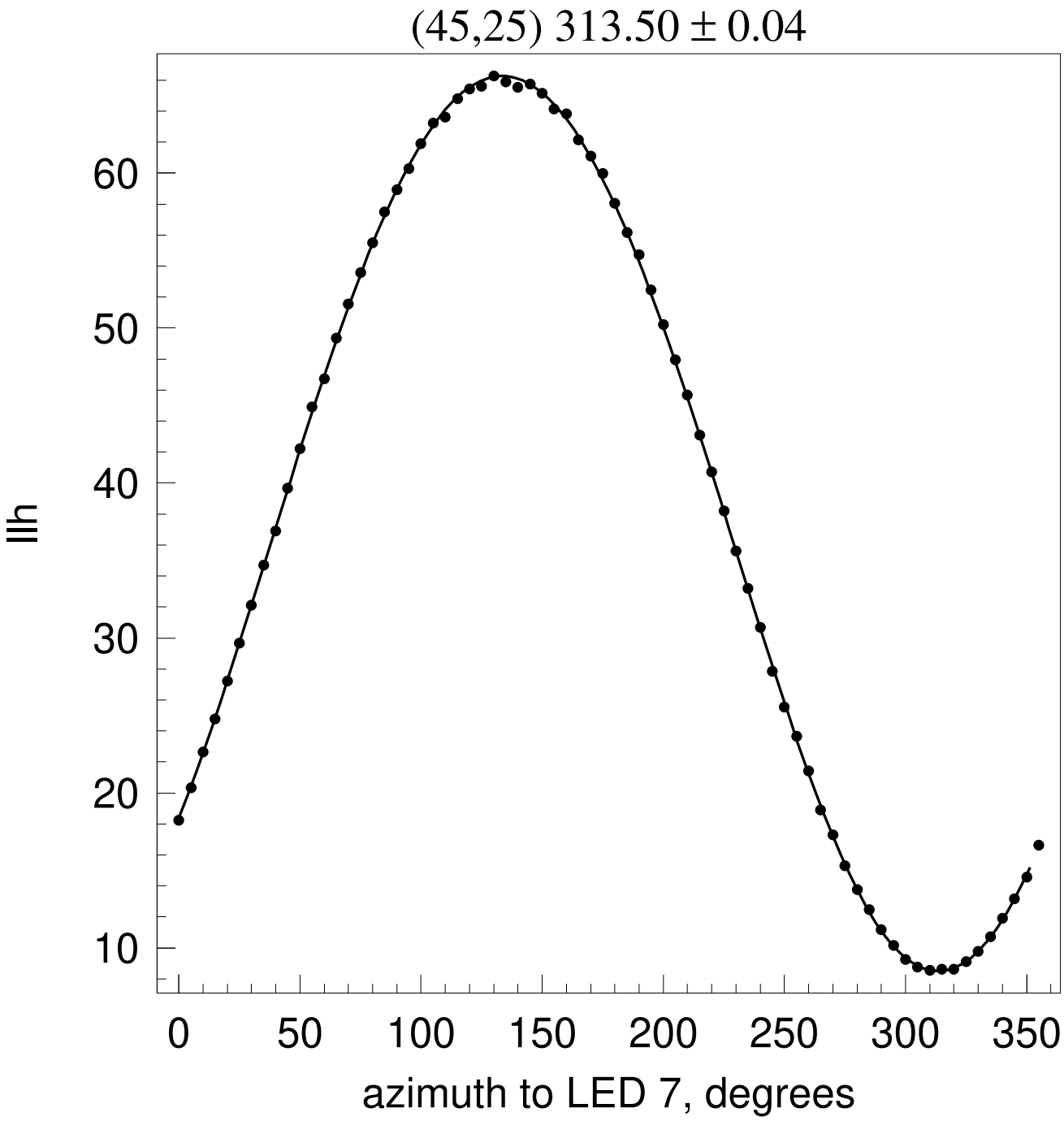

(45,20) 65.32 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

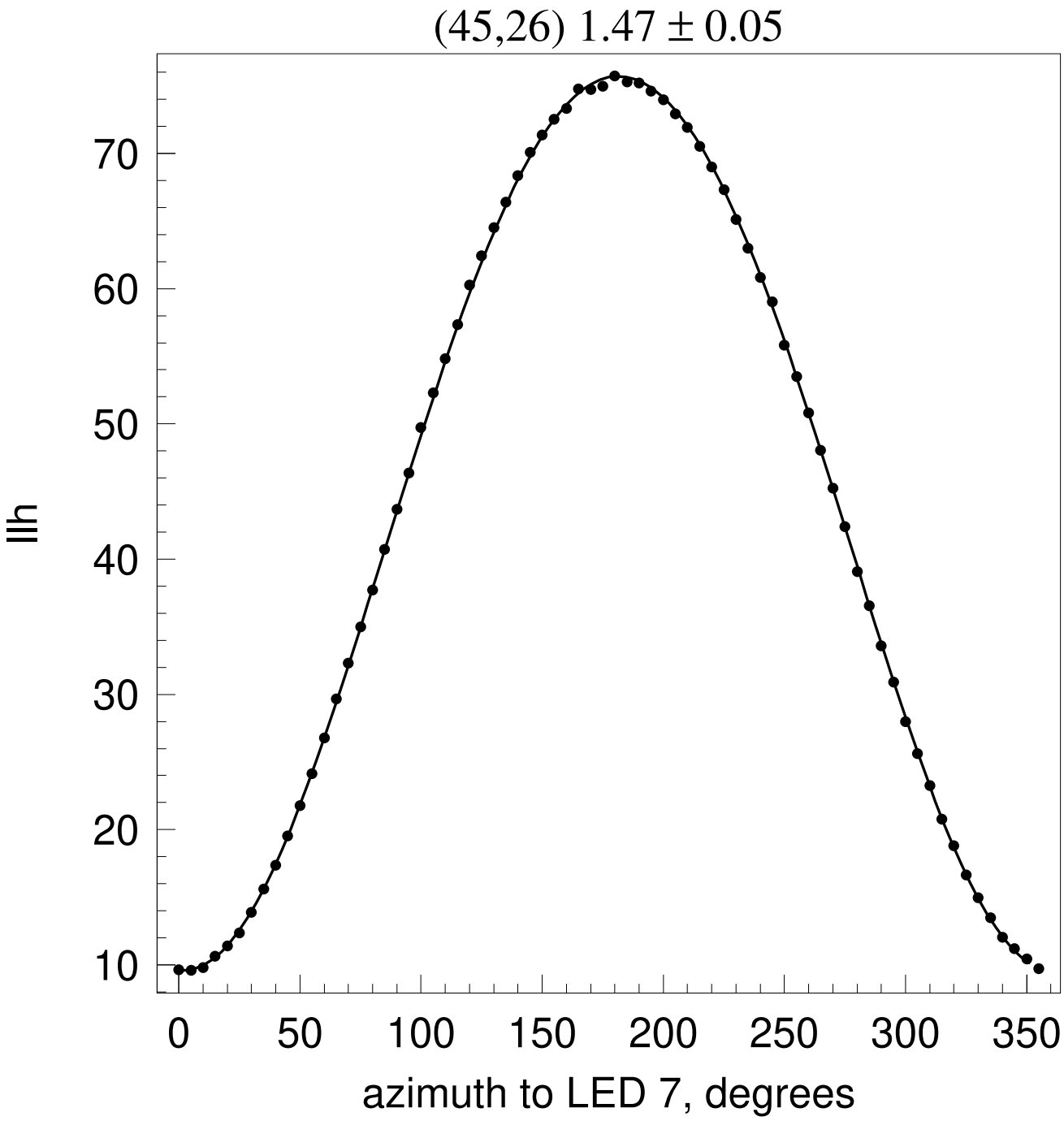

(45,21) 292.64 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

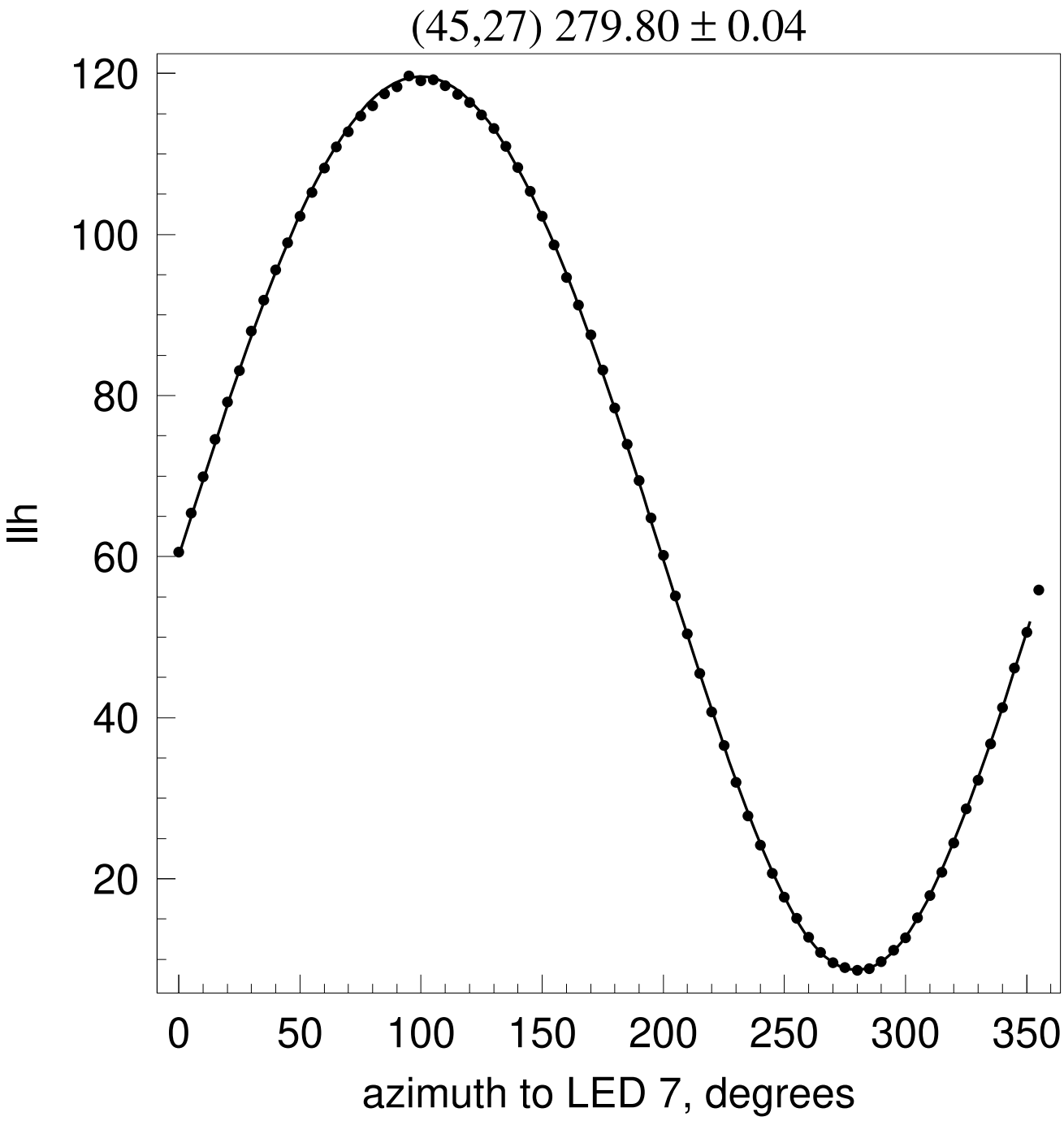

(45,22) 148.34 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

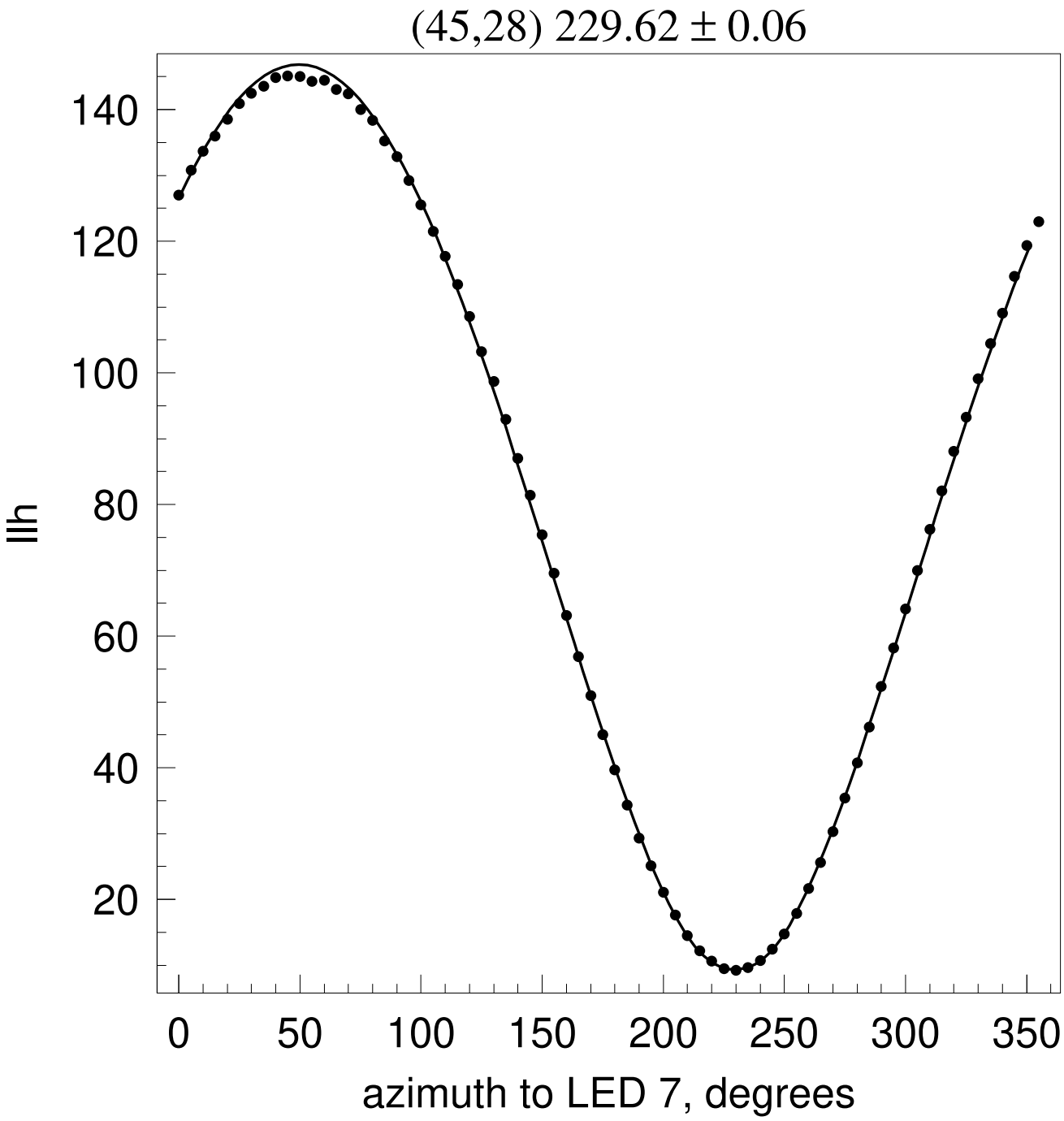

(45,23) 265.65 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

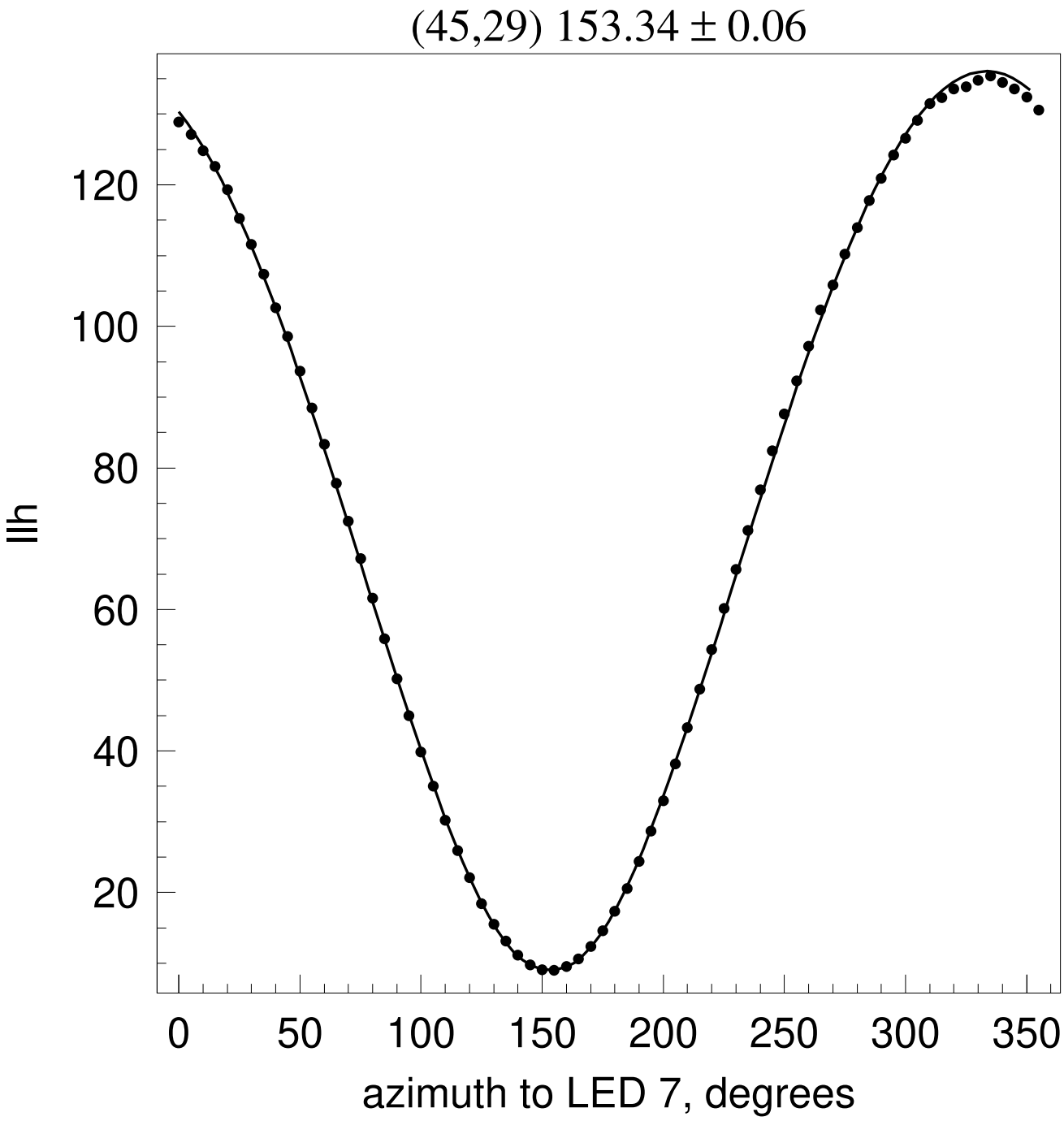

(45,24) 7.58 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

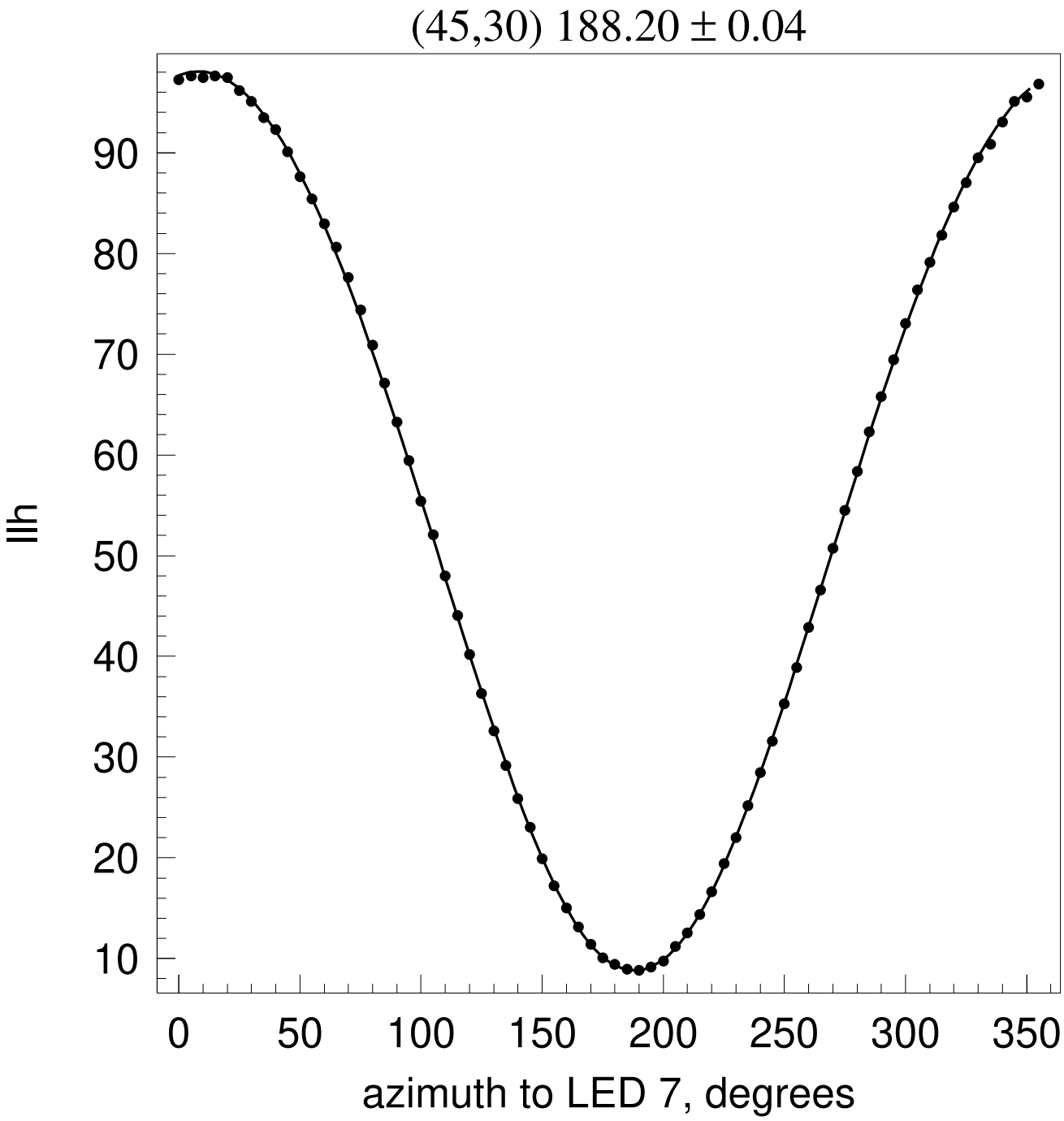

(45,25) 313.50 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

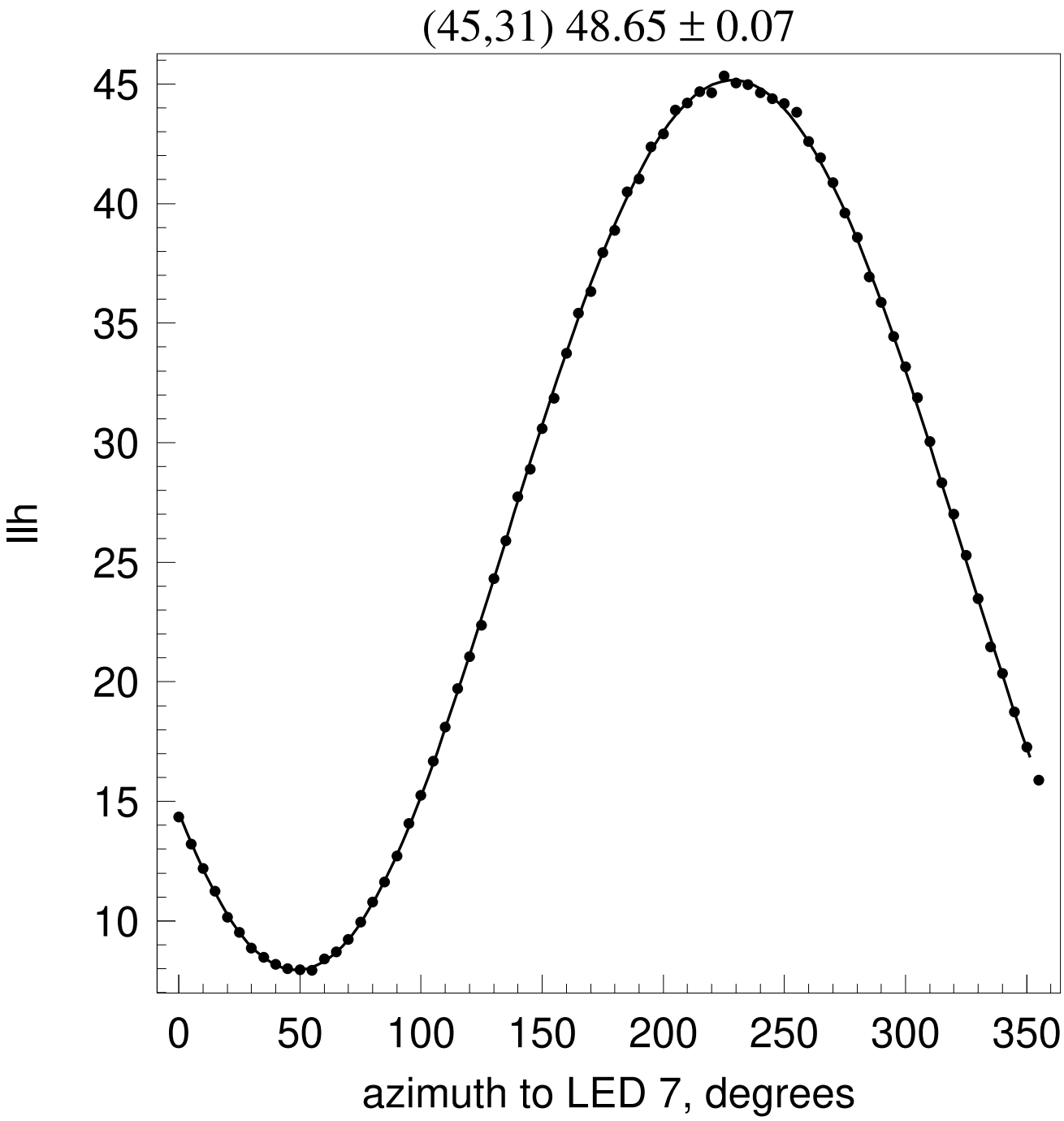

(45,26) 1.47 ± 0.05
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

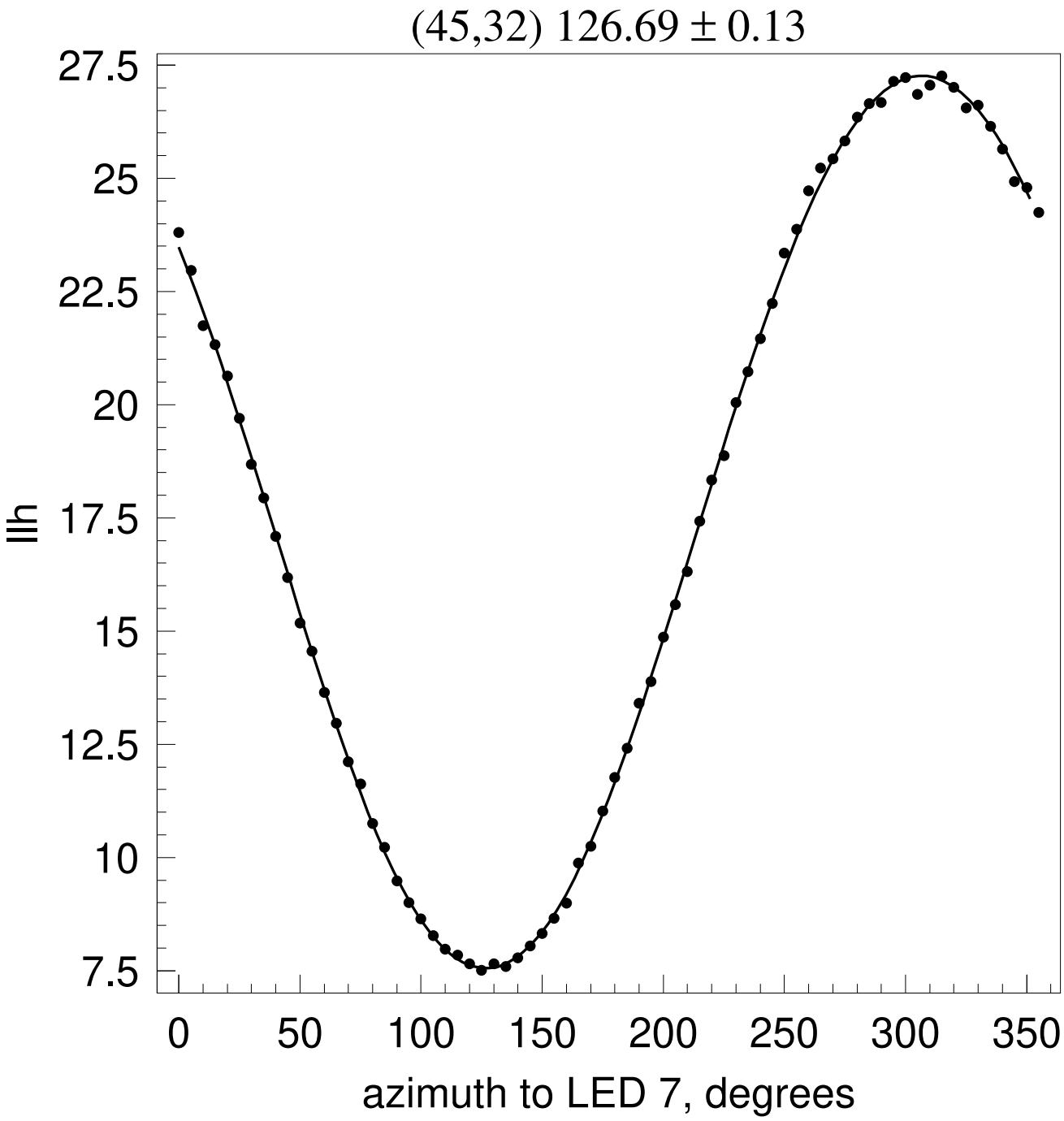

(45,27) 279.80 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

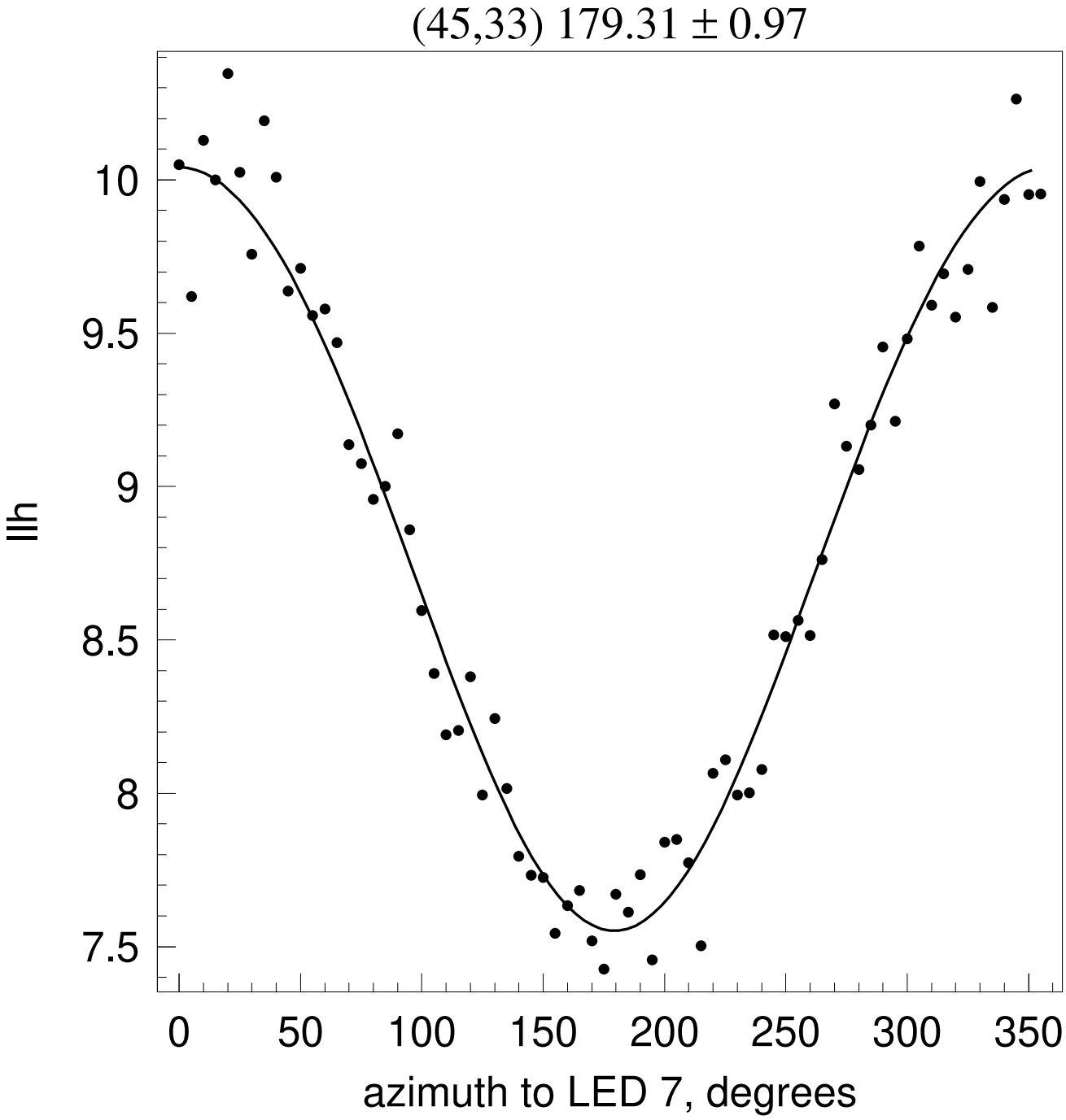

(45,28) 229.62 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

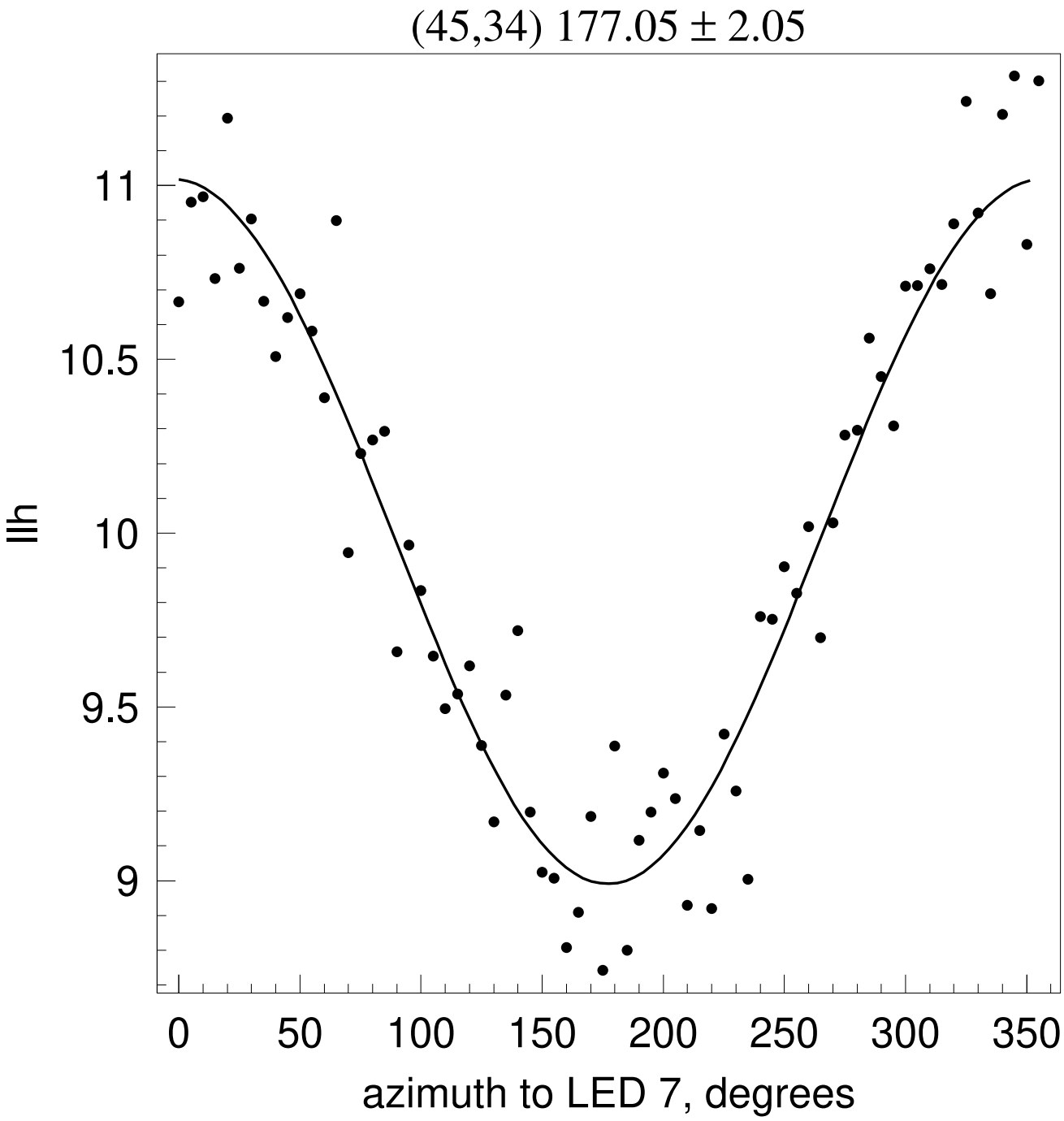

(45,29) 153.34 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

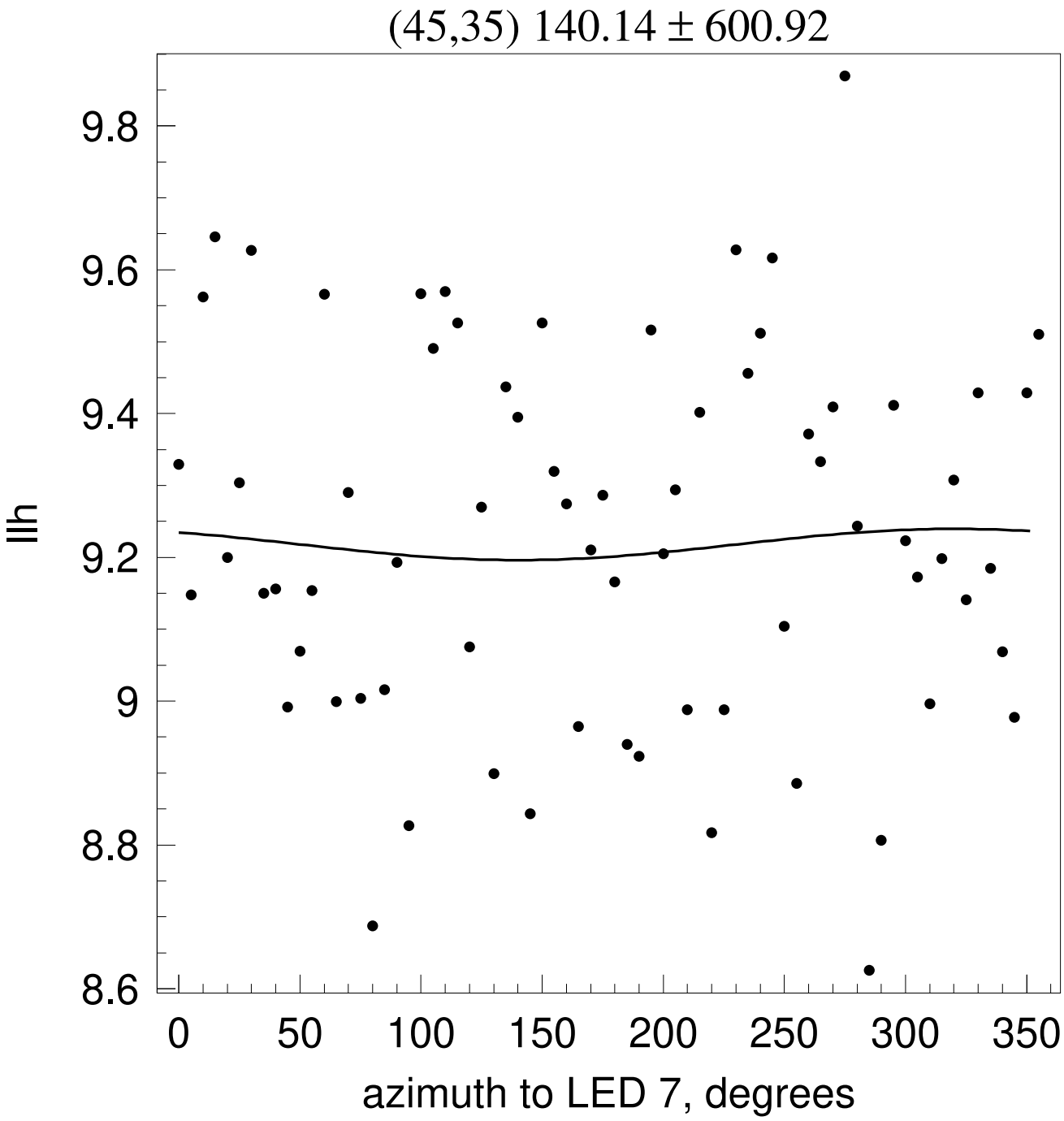

(45,30) 188.20 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

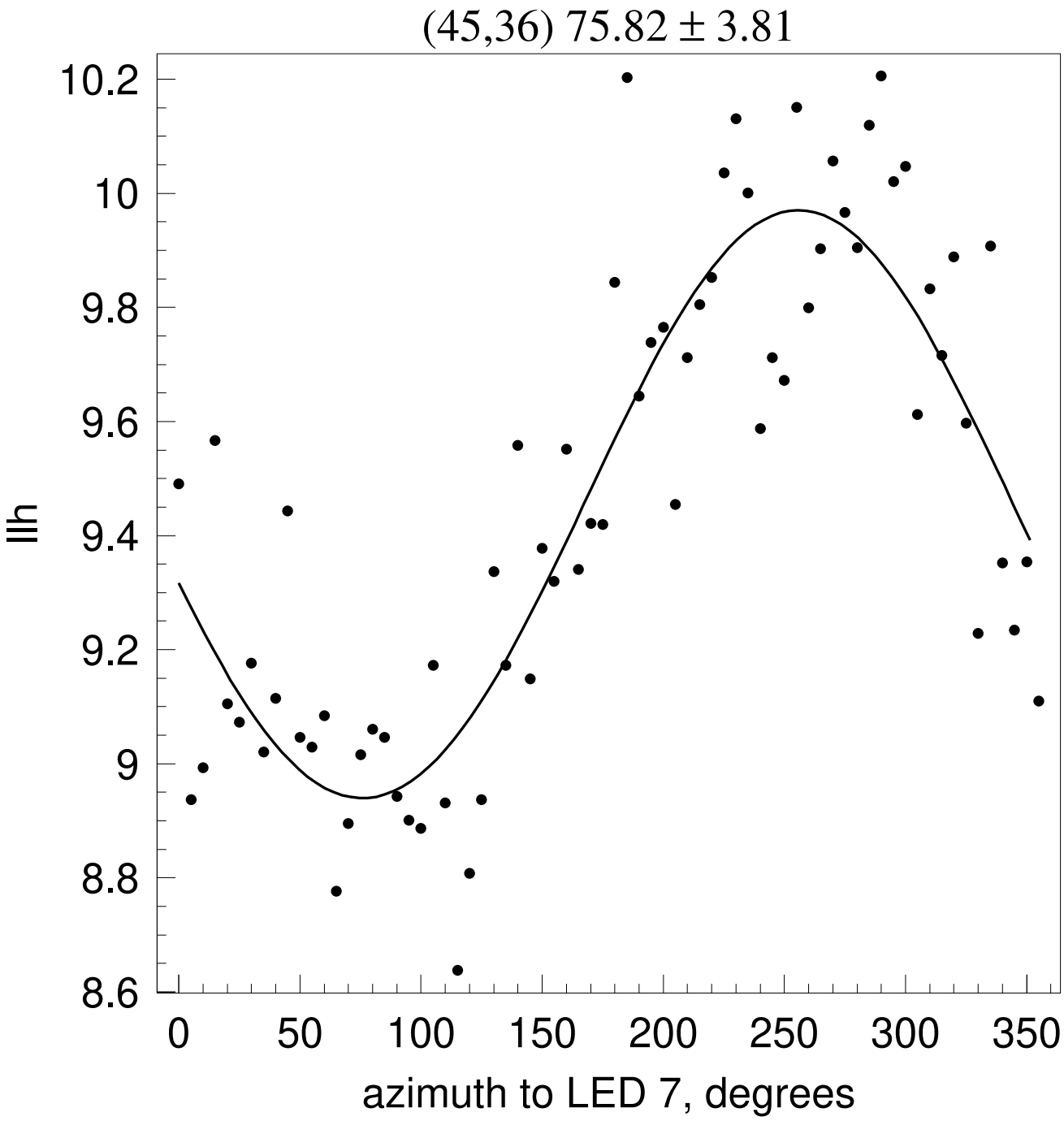

(45,31) 48.65 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

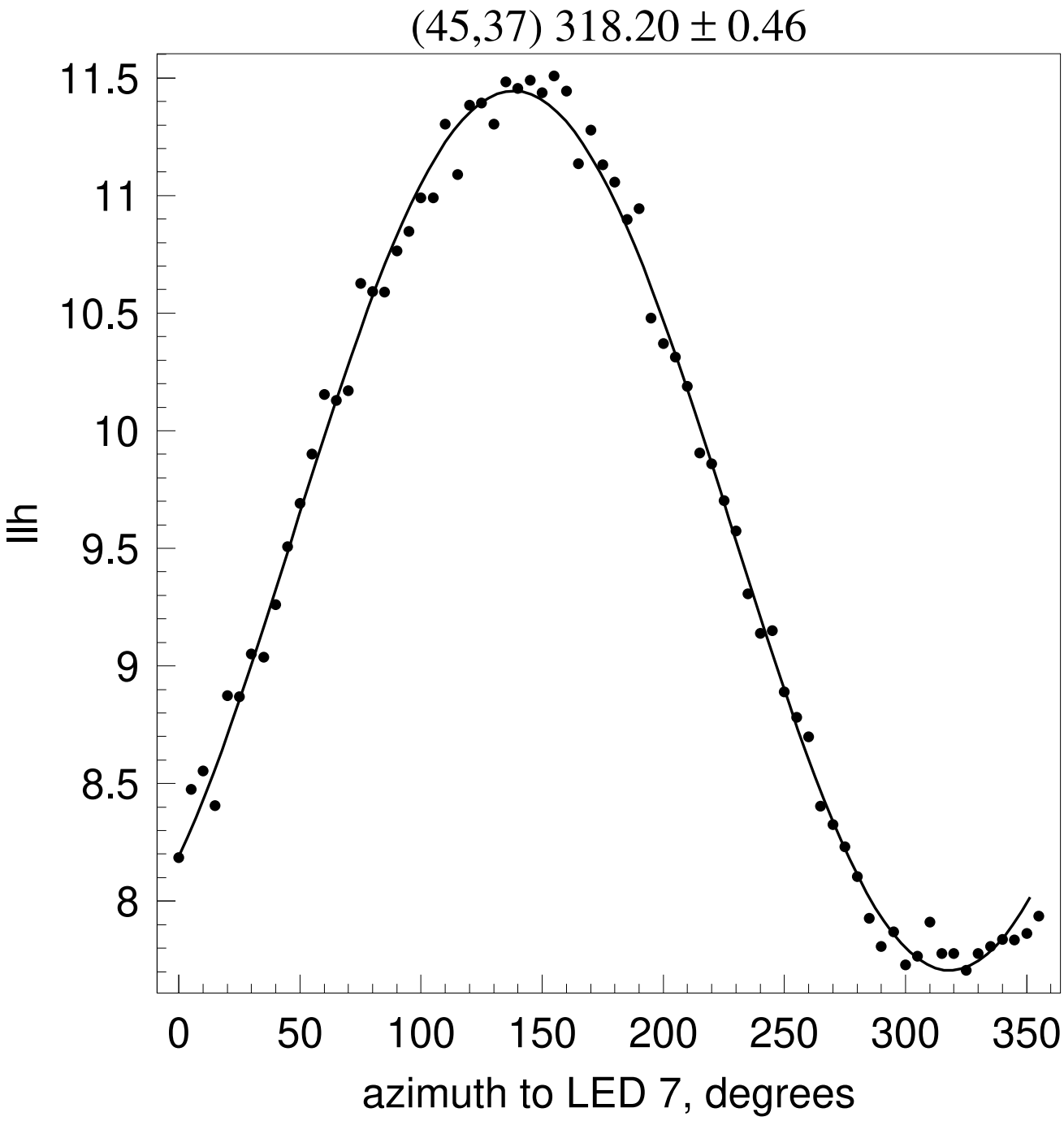

(45,32) 126.69 ± 0.13
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

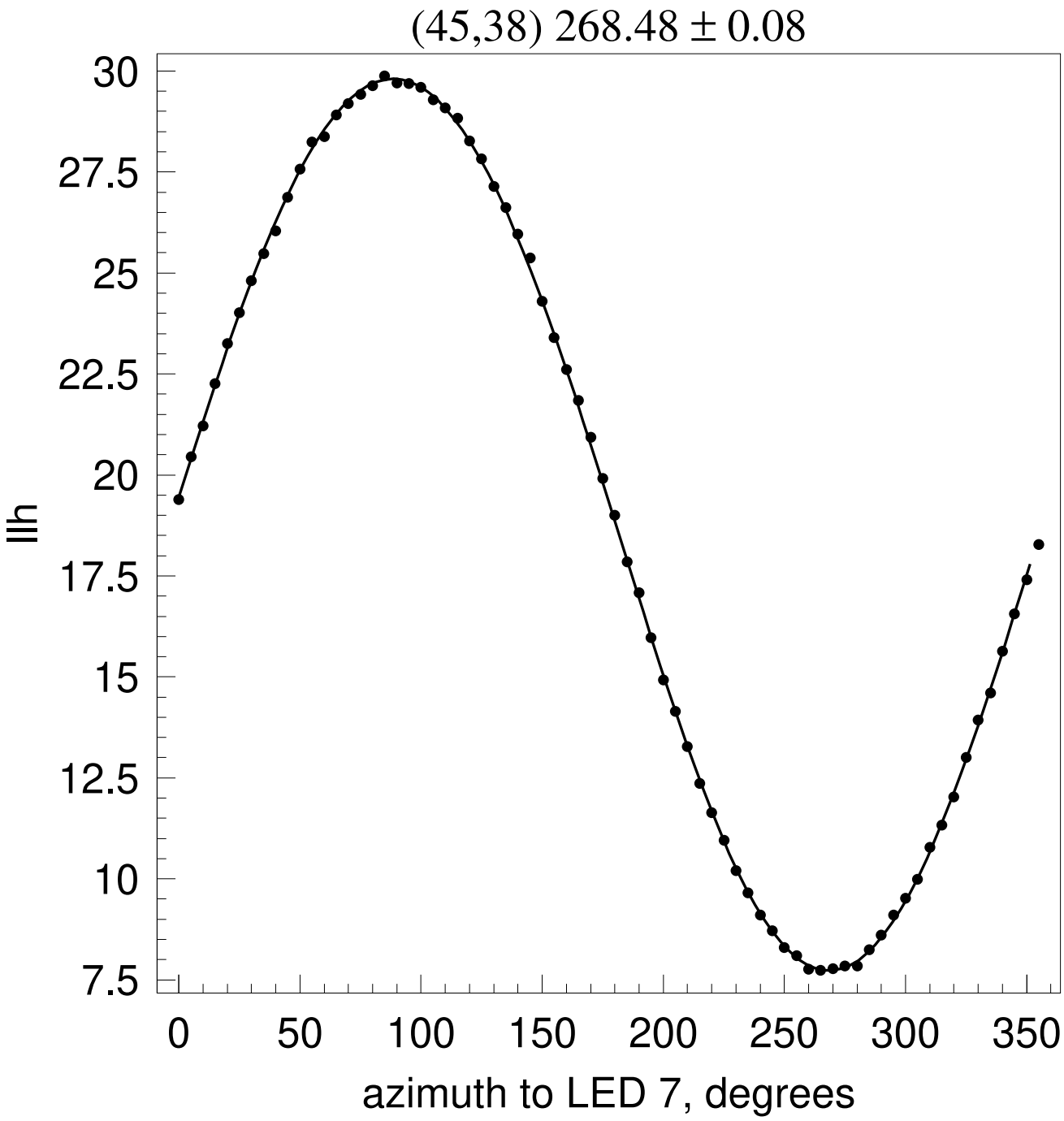

(45,33) 179.31 ± 0.97
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

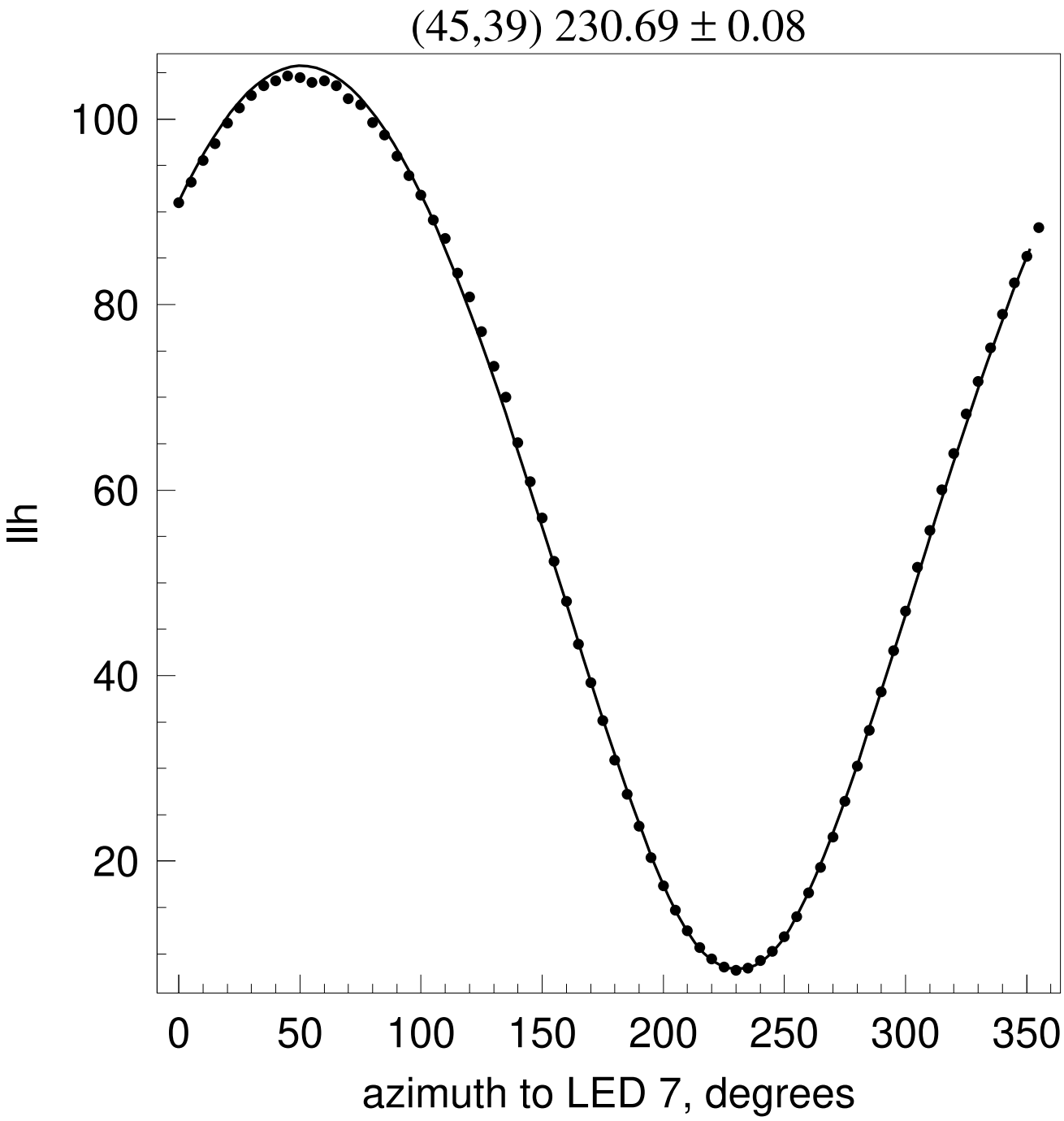

(45,34) 177.05 ± 2.05
11
10.5
10
9.5
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

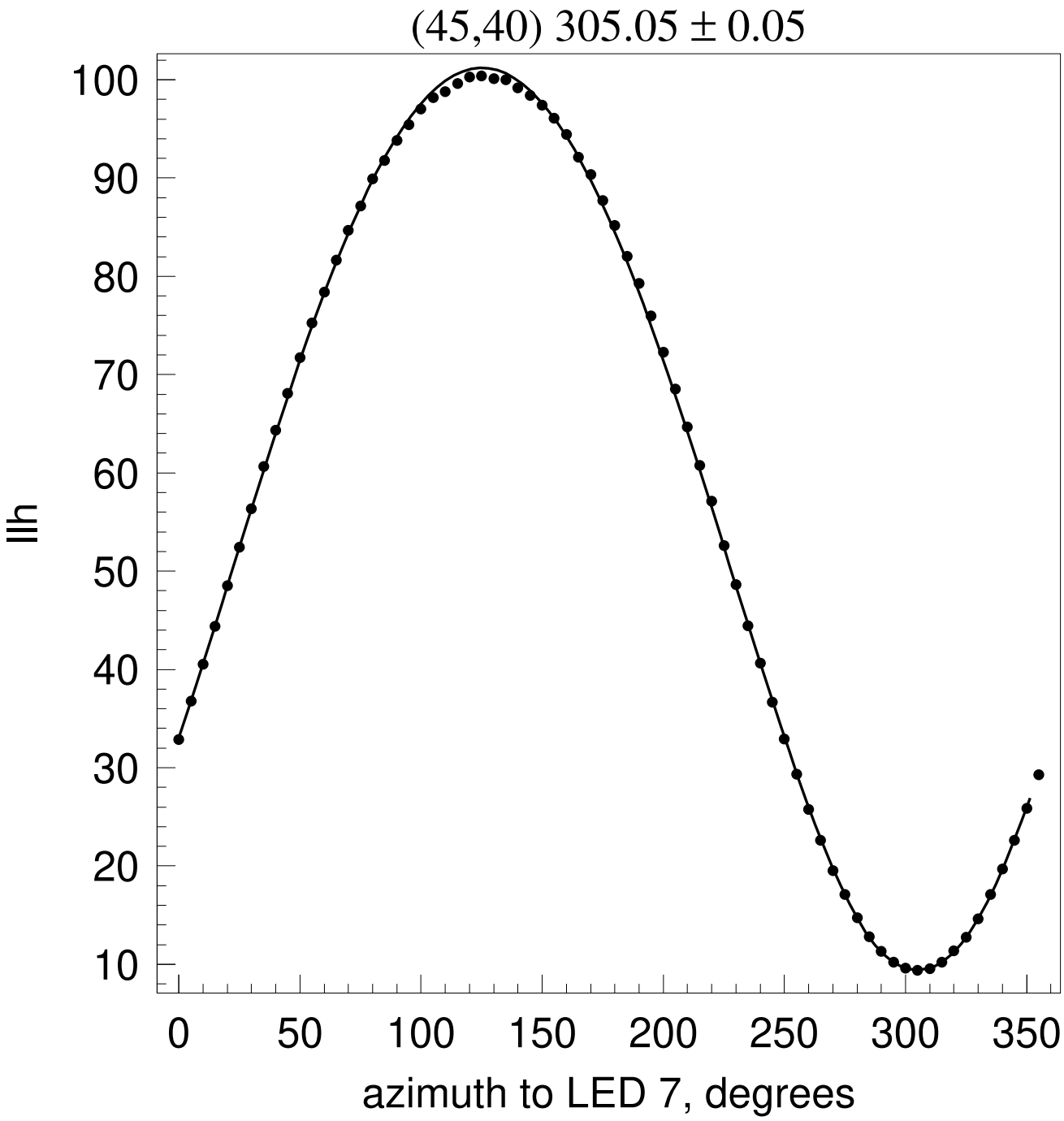

(45,35) 140.14 ± 600.92
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

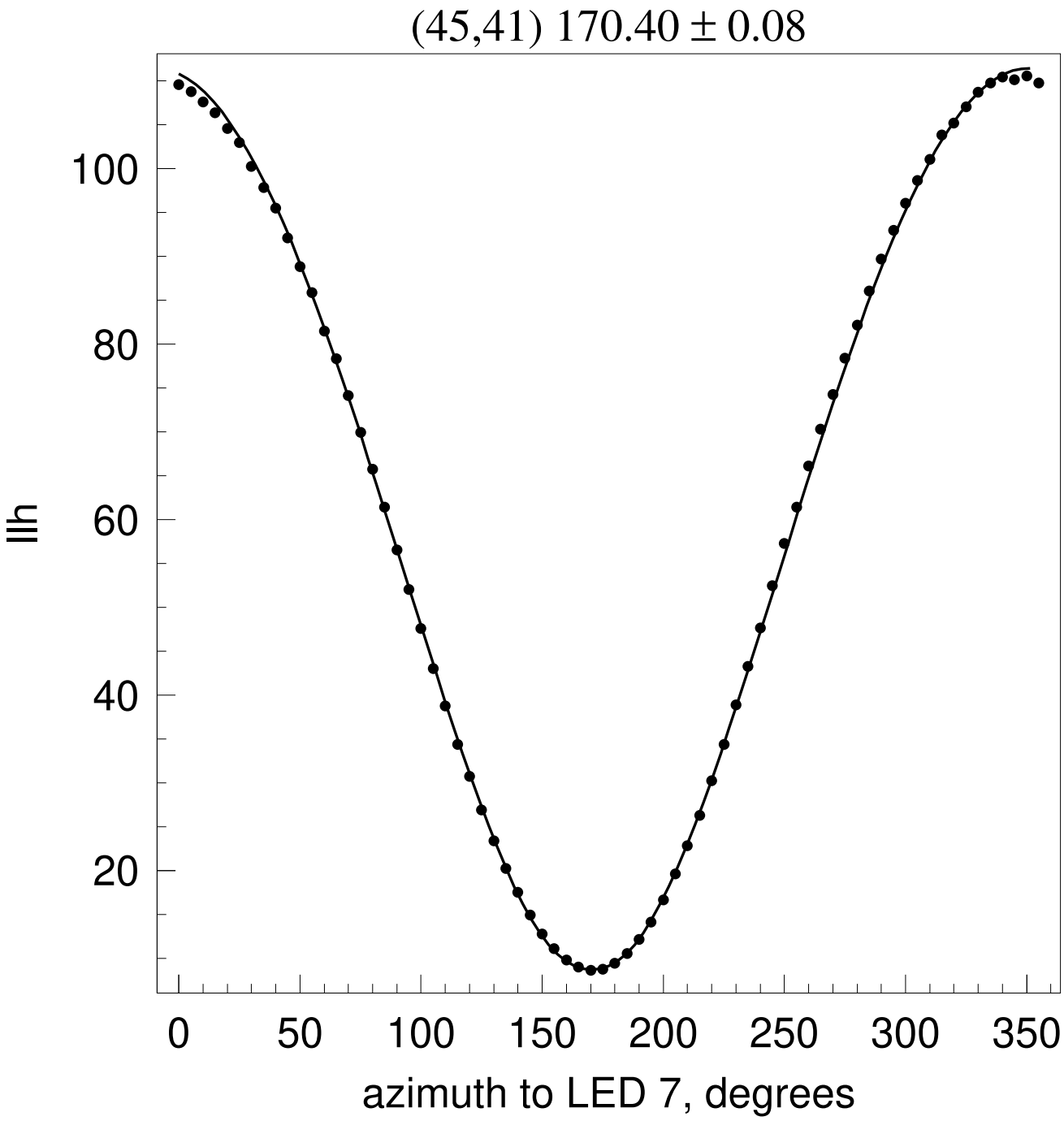

(45,36) 75.82 ± 3.81
10.2
10
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

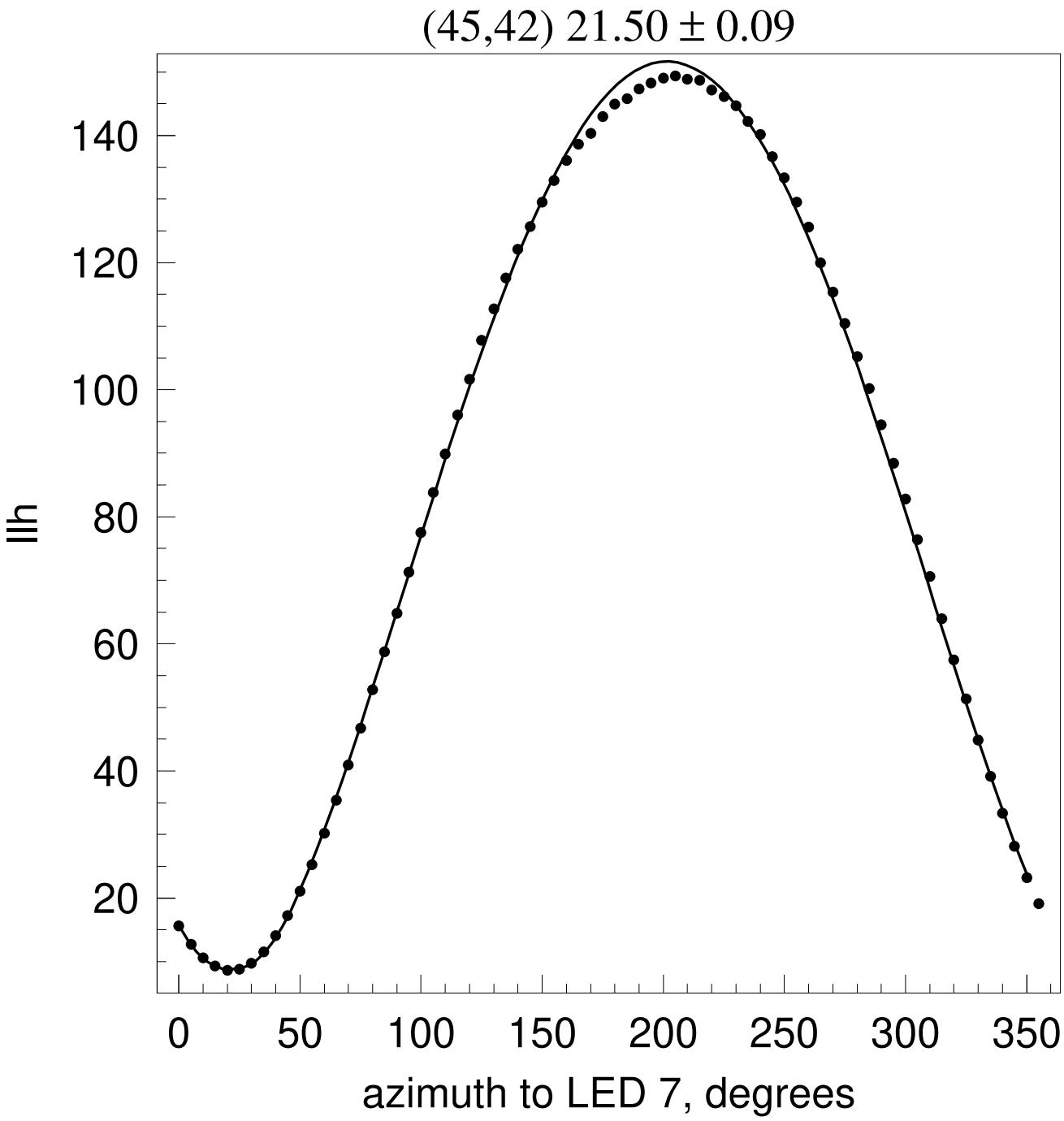

(45,37) 318.20 ± 0.46
11.5
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

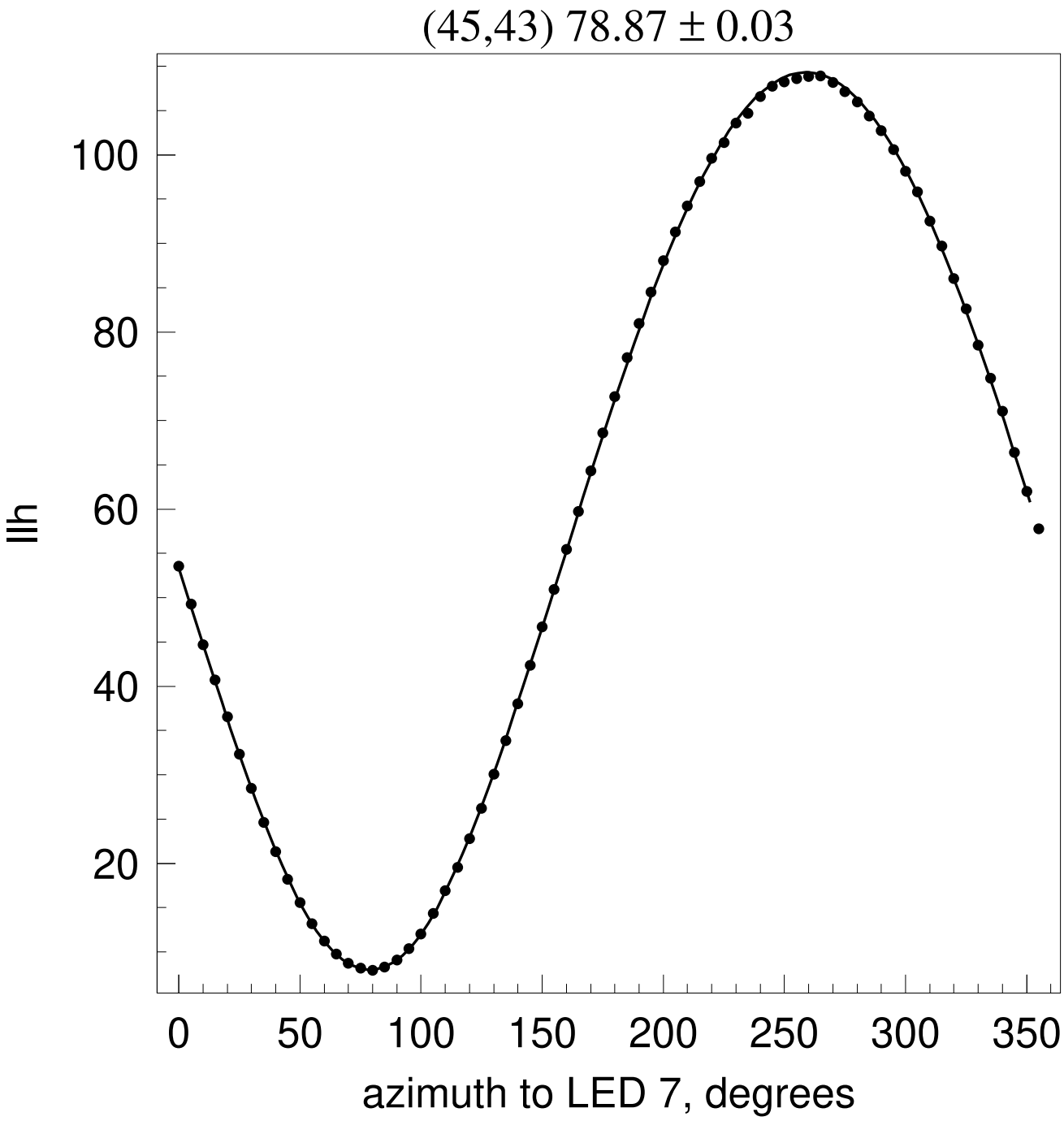

(45,38) 268.48 ± 0.08
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

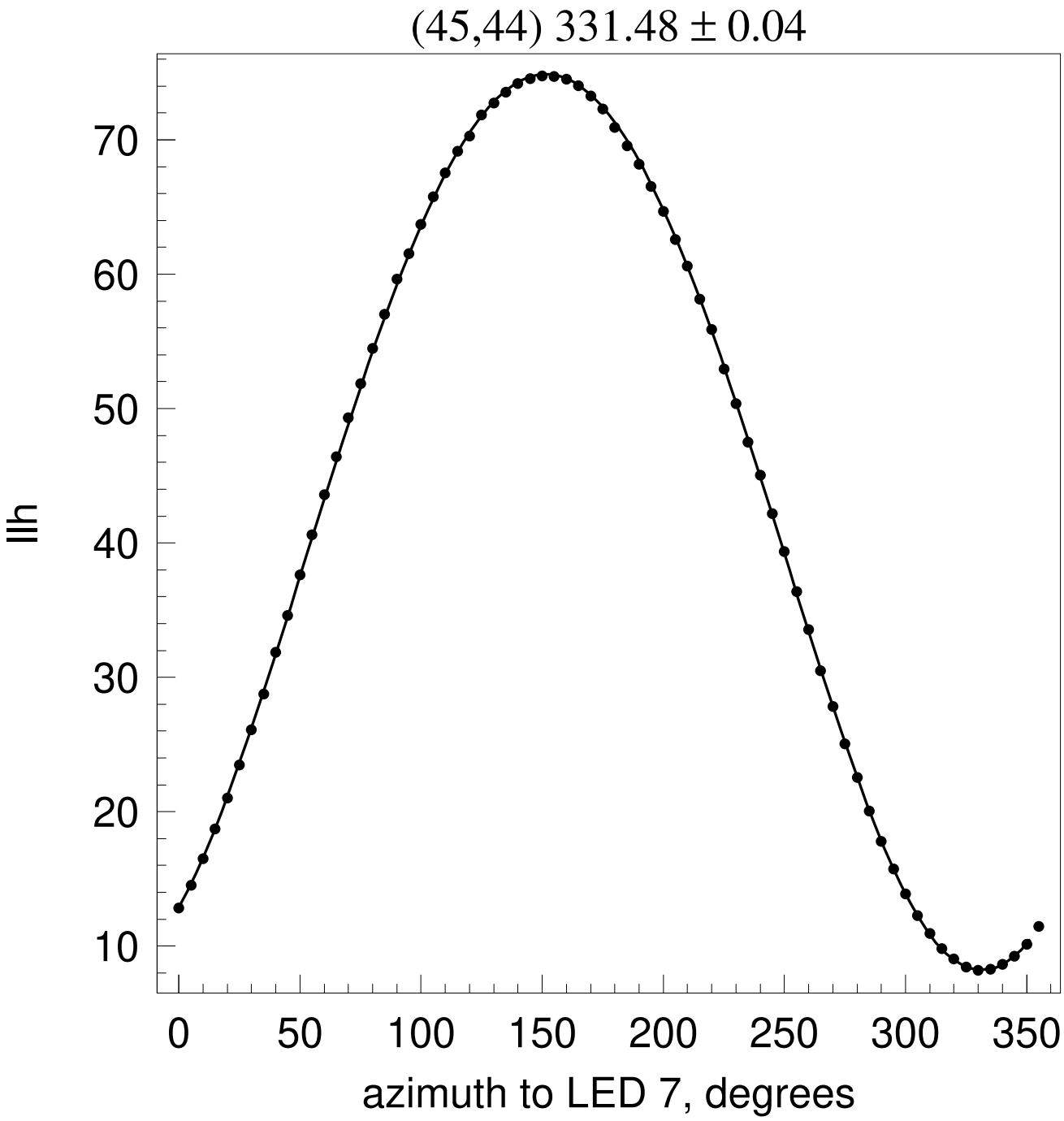

(45,39) 230.69 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

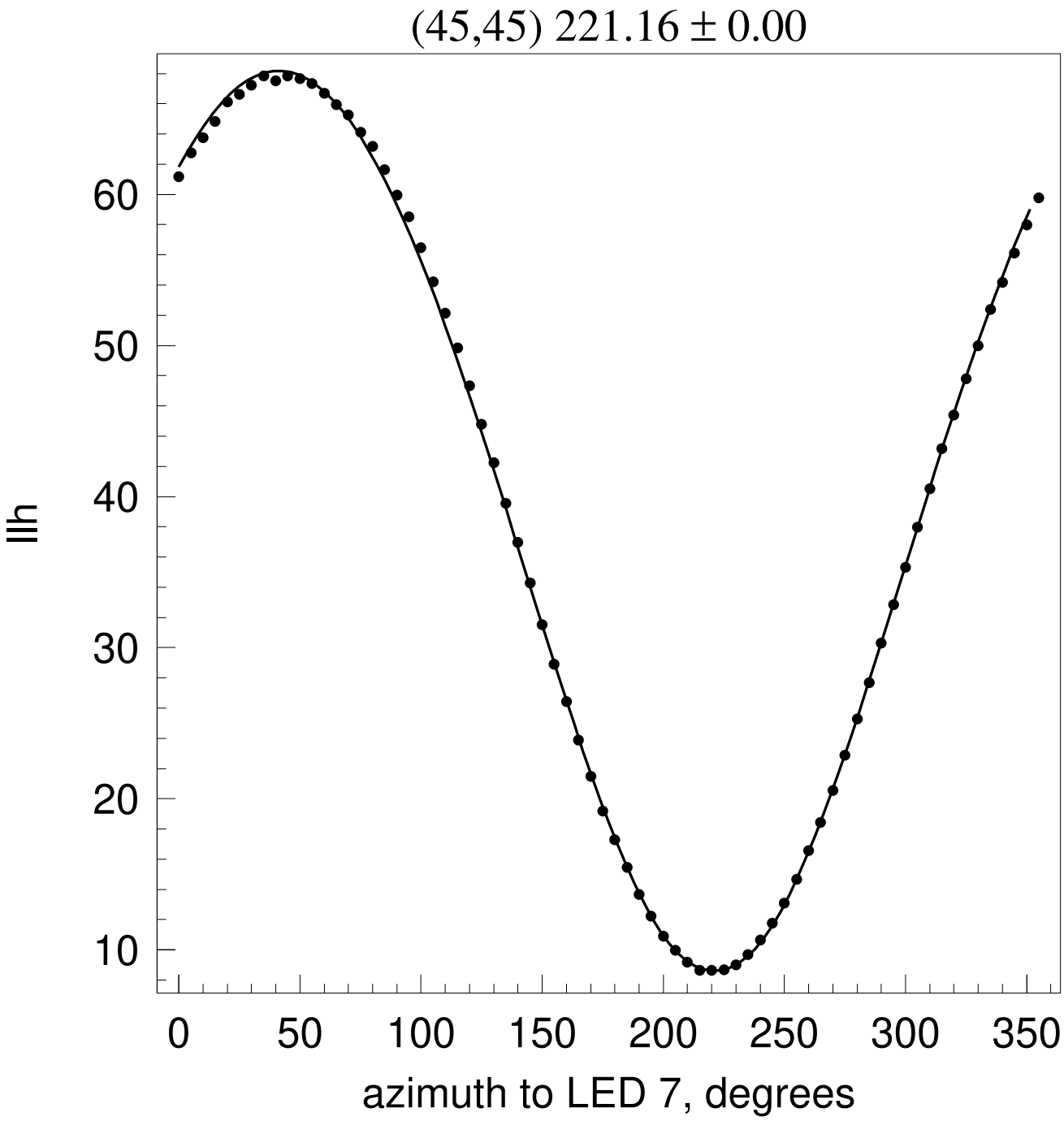

(45,40) 305.05 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

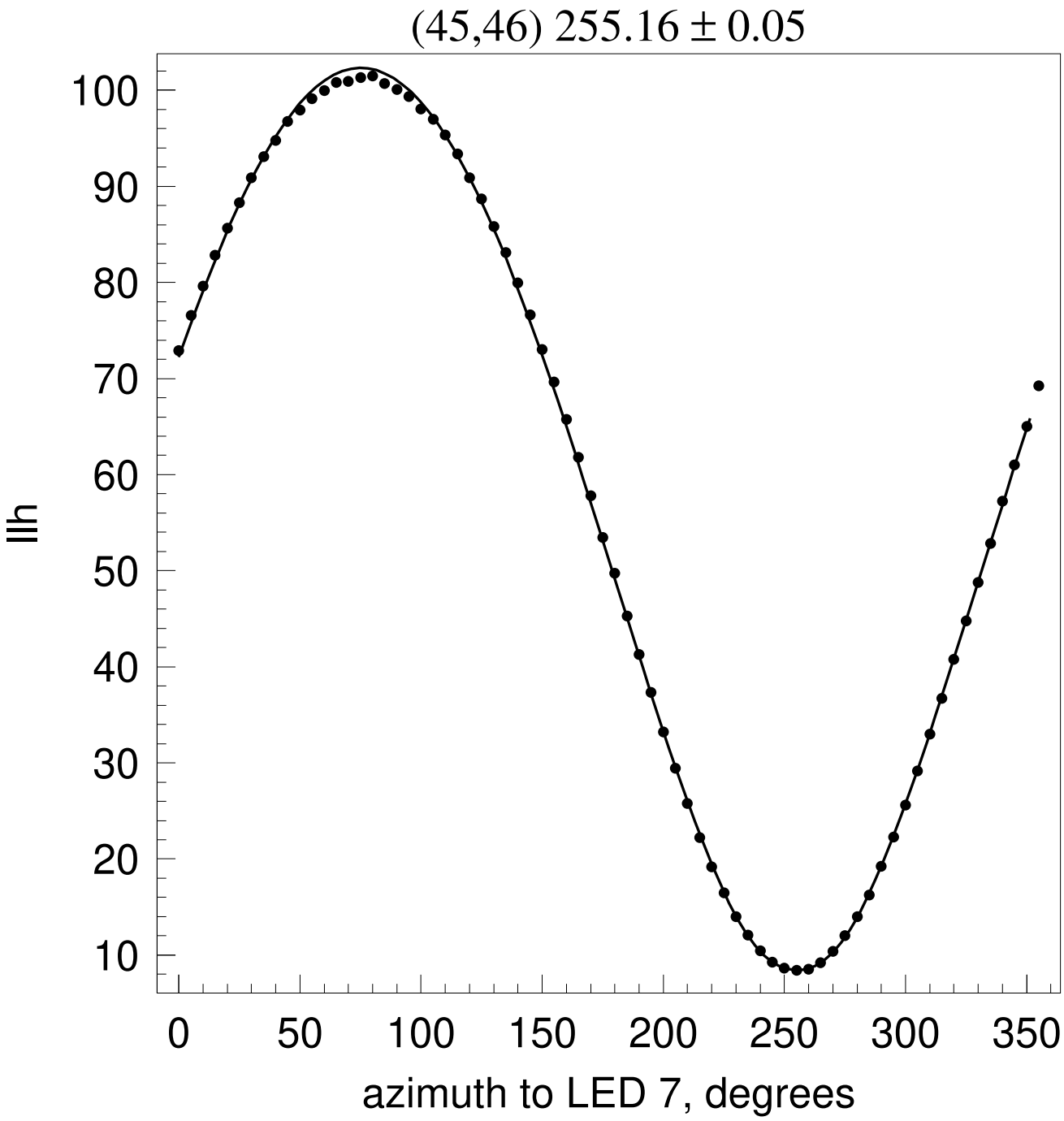

(45,41) 170.40 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

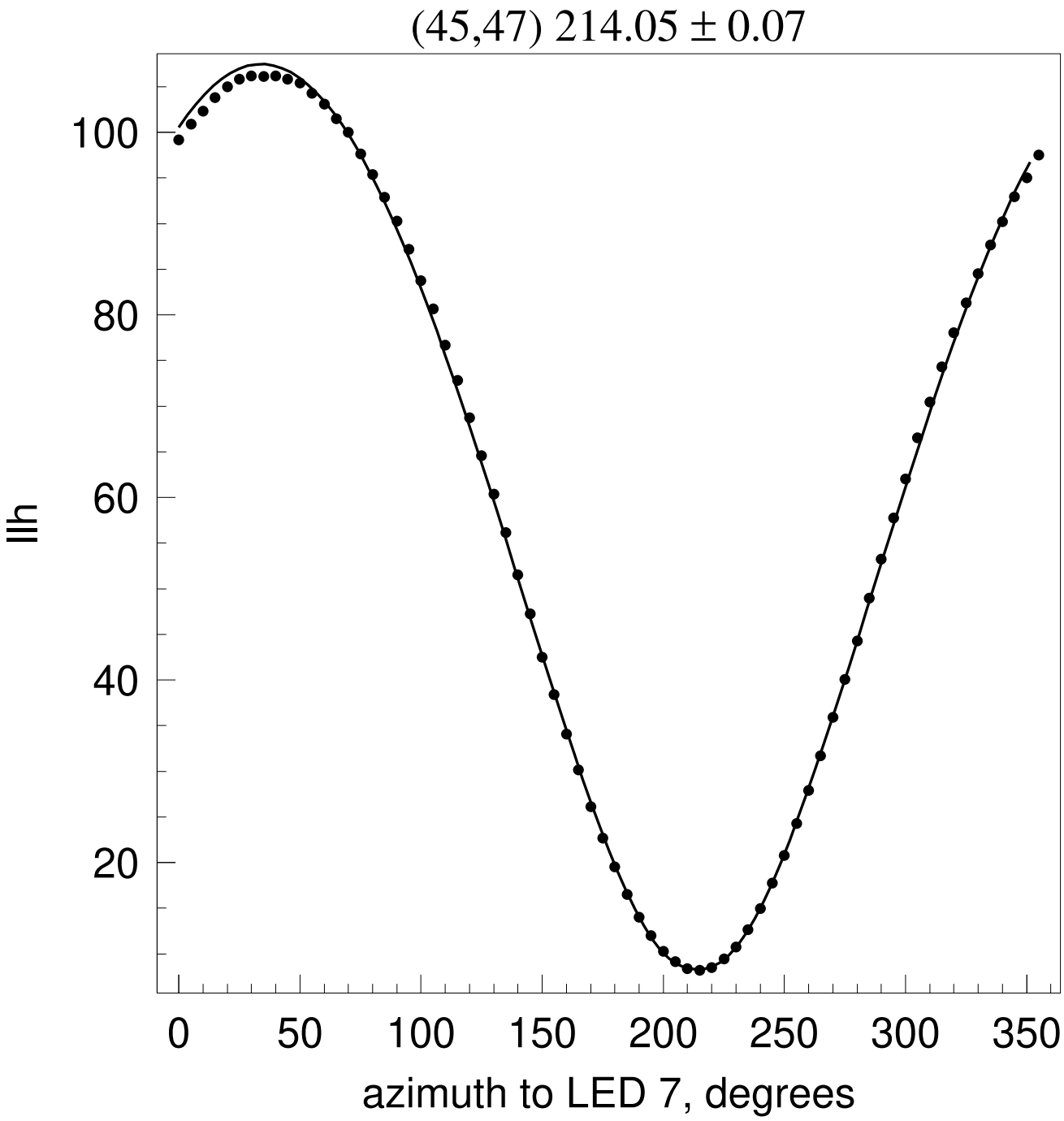

(45,42) 21.50 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

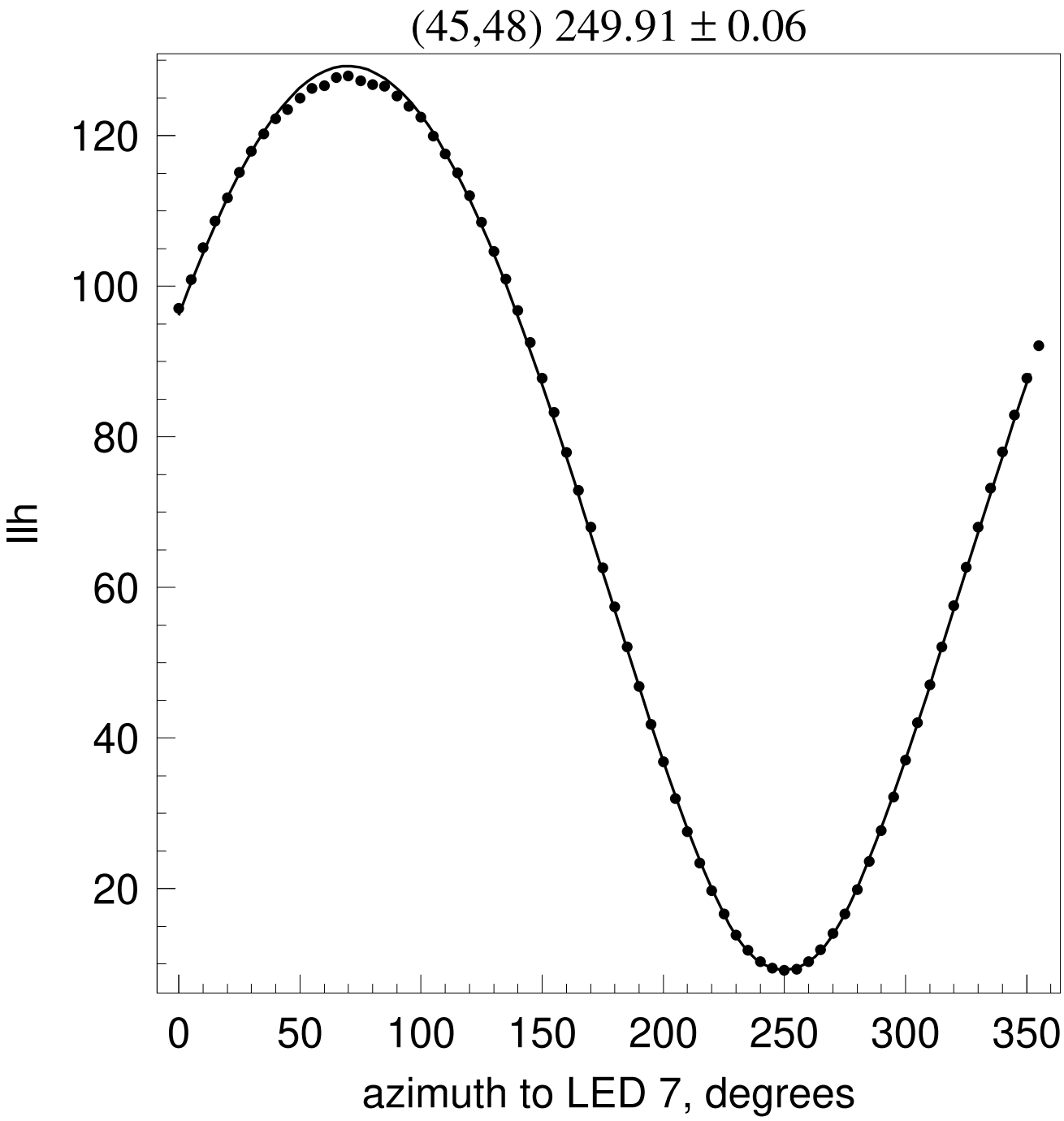

(45,43) 78.87 ± 0.03
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

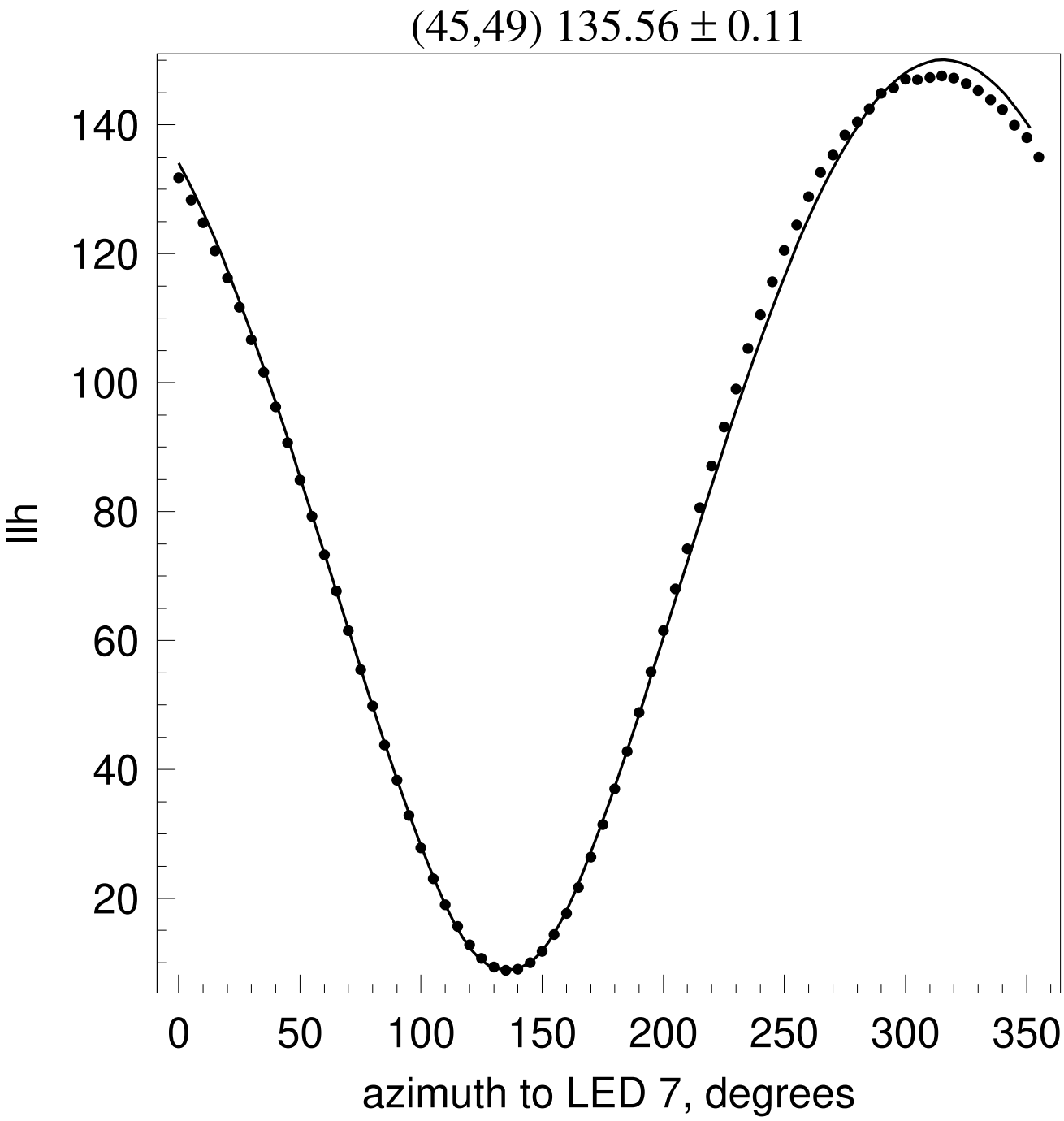

(45,44) 331.48 ± 0.04
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

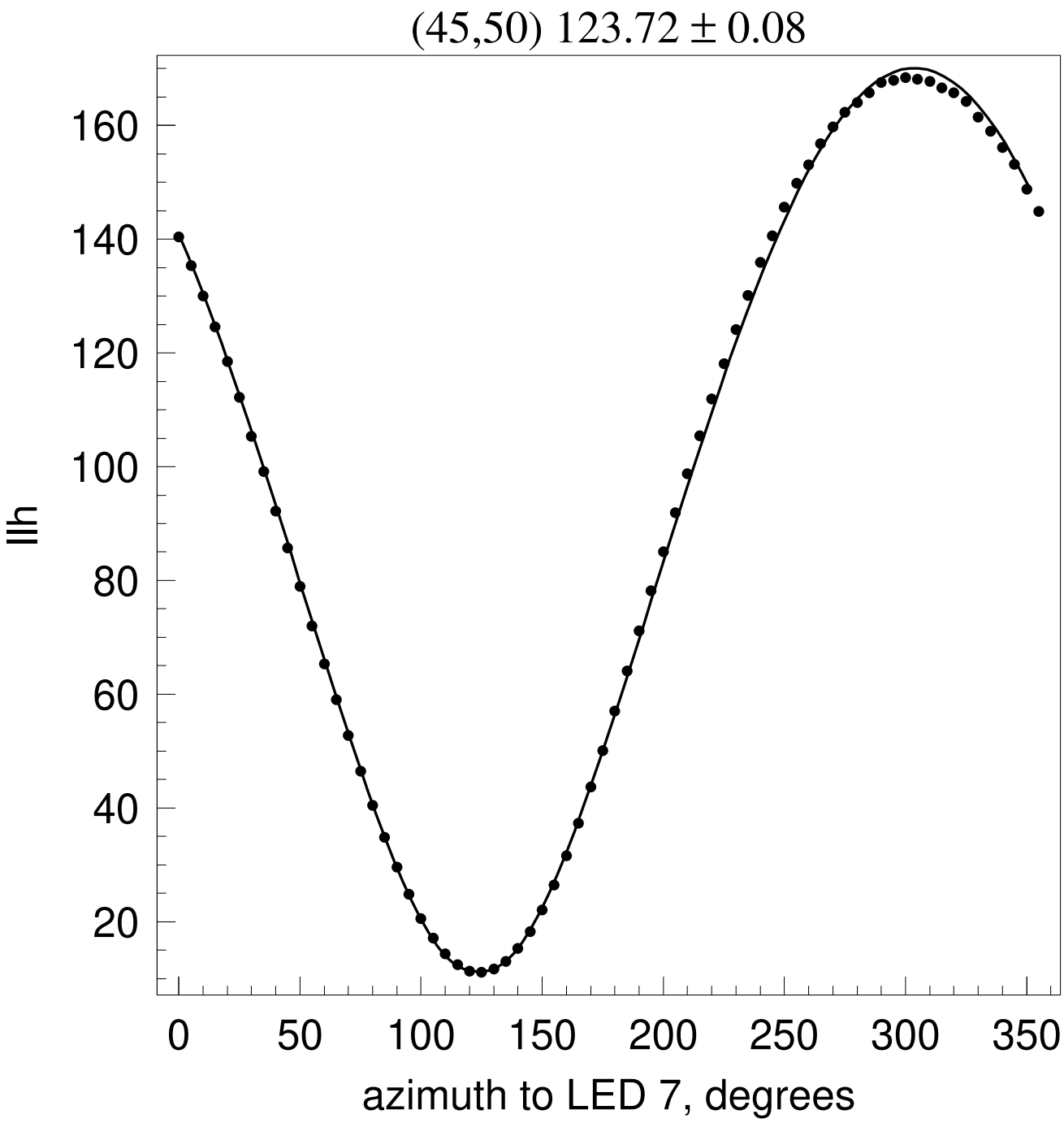

(45,45) 221.16 ± 0.00
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

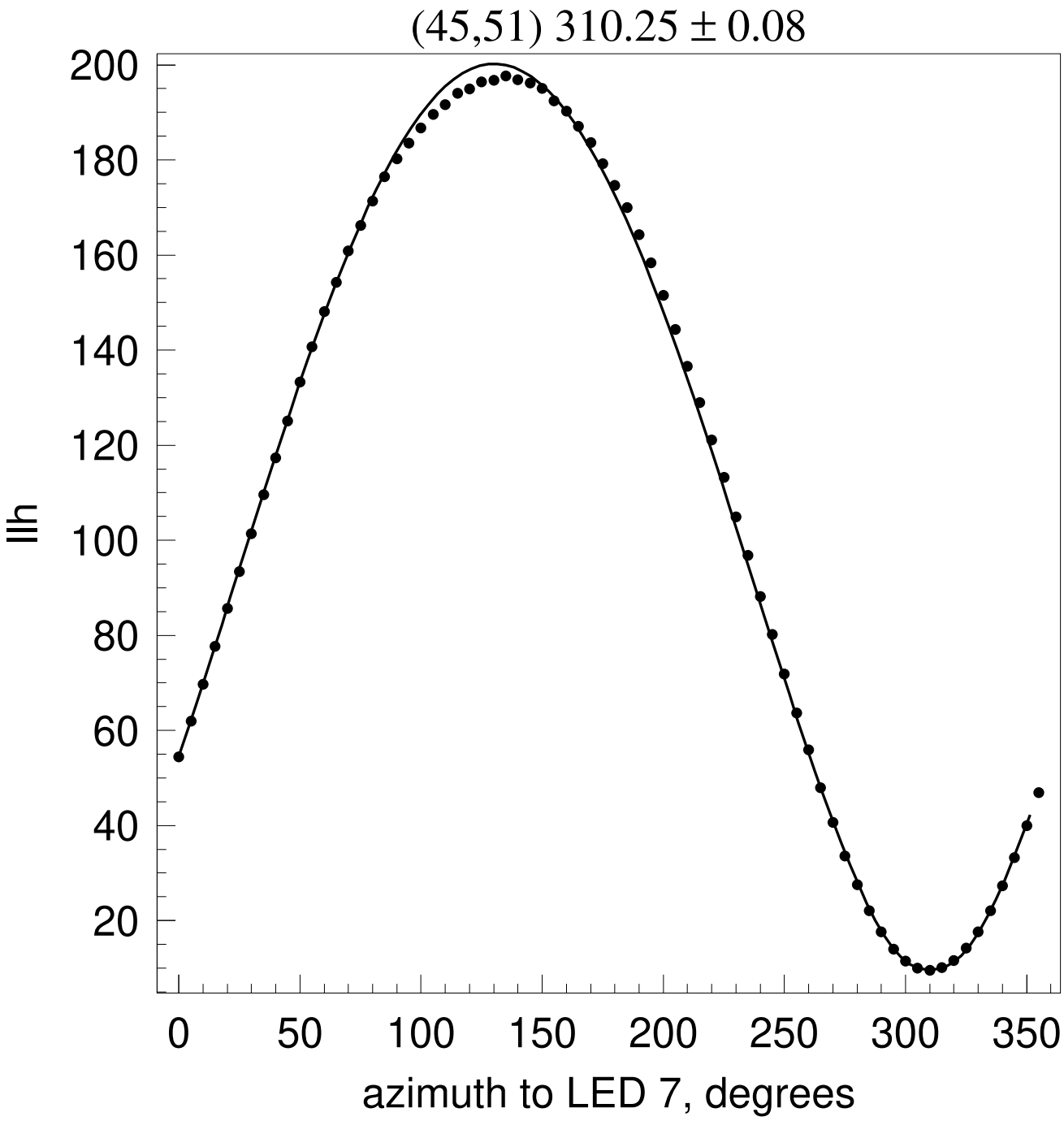

(45,46) 255.16 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

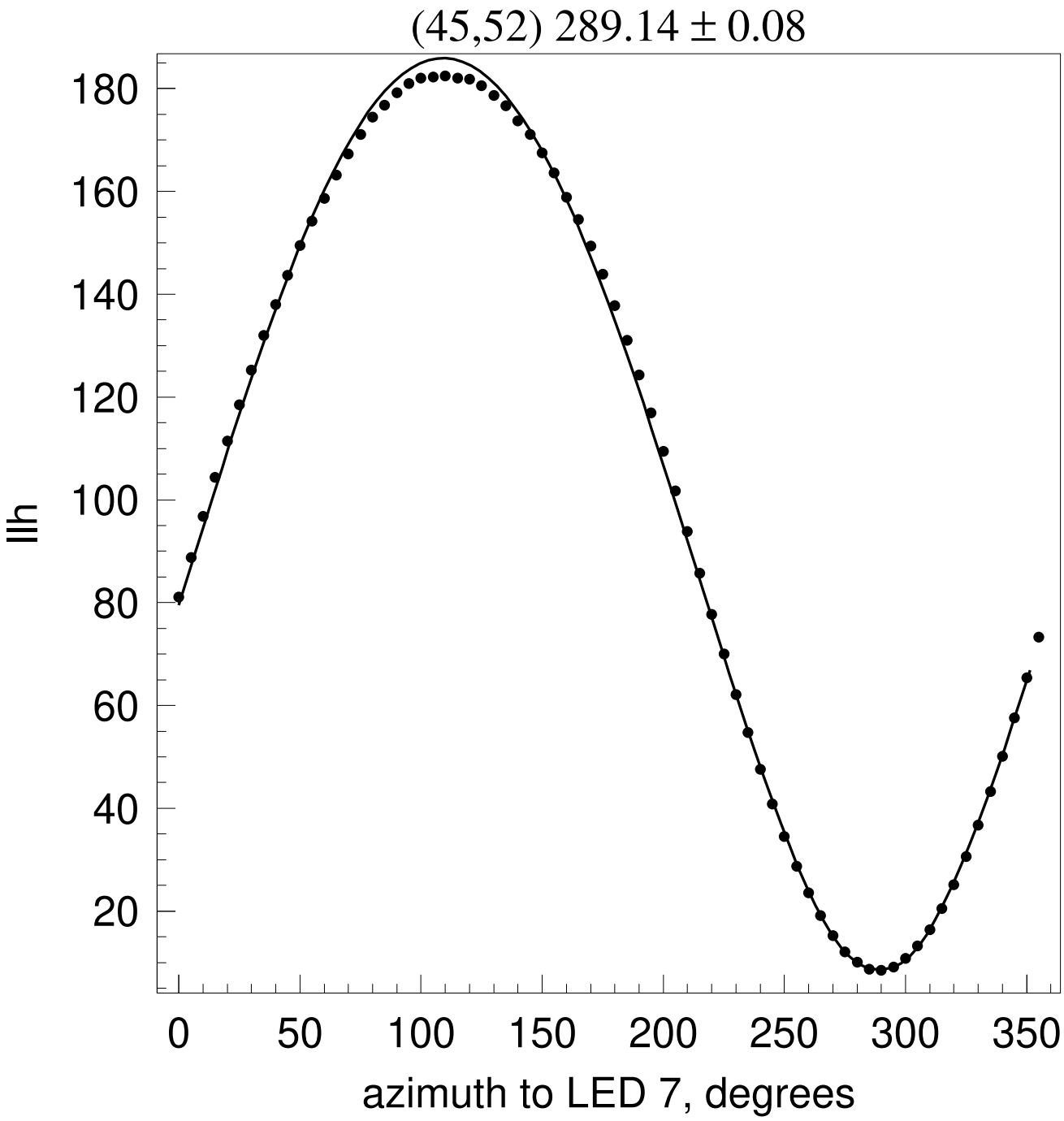

(45,47) 214.05 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

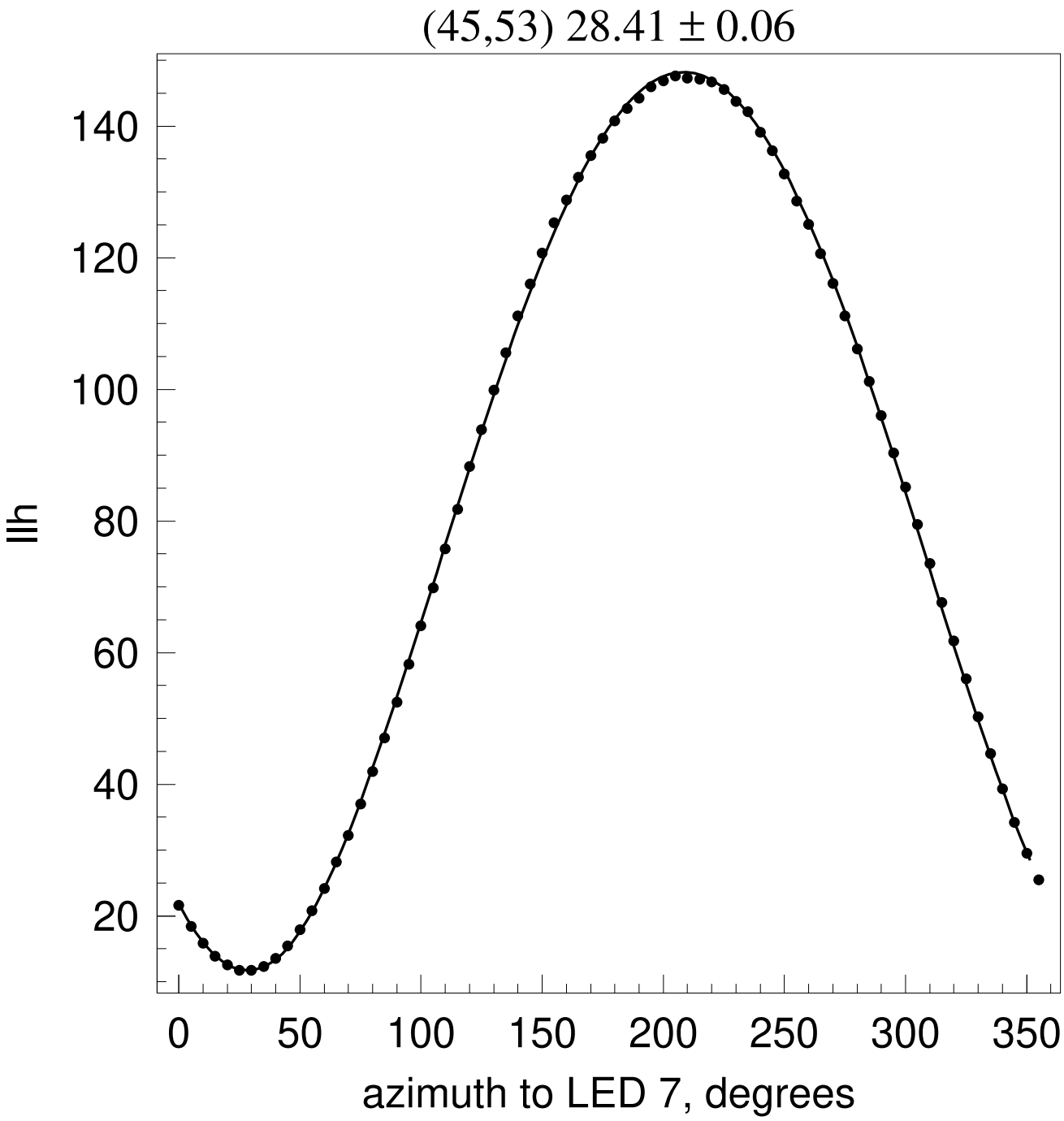

(45,48) 249.91 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

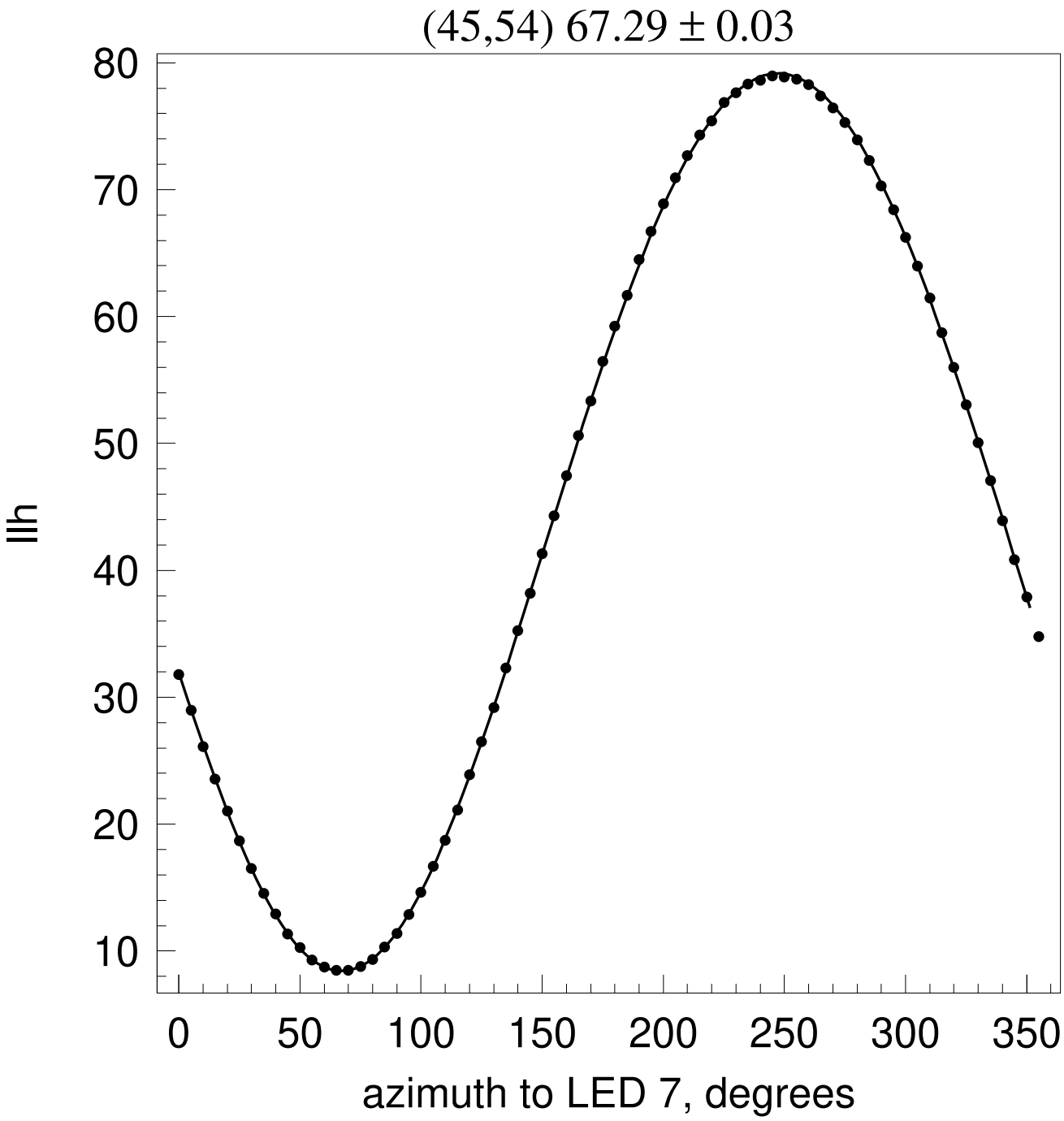

(45,49) 135.56 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

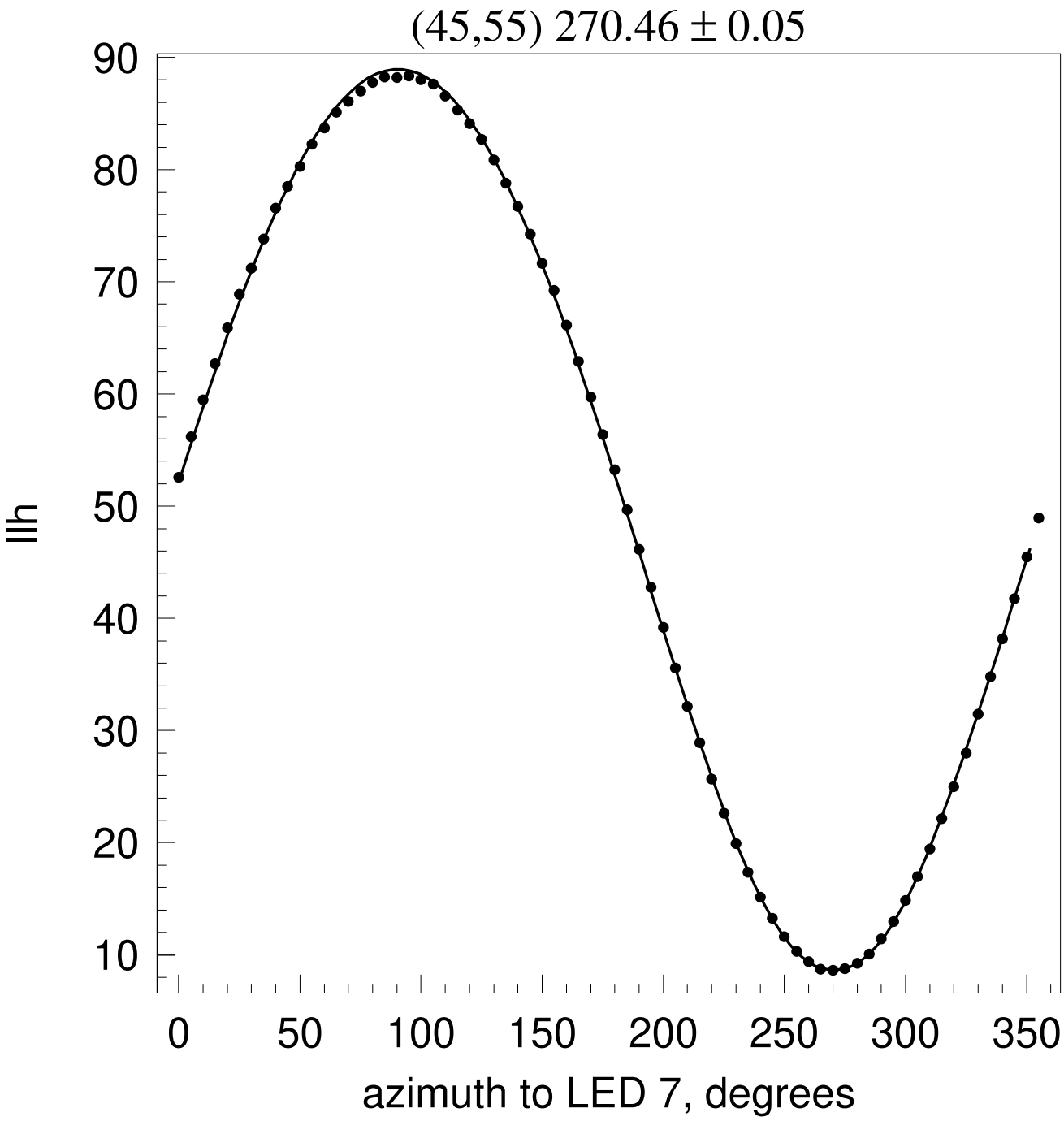

(45,50) 123.72 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

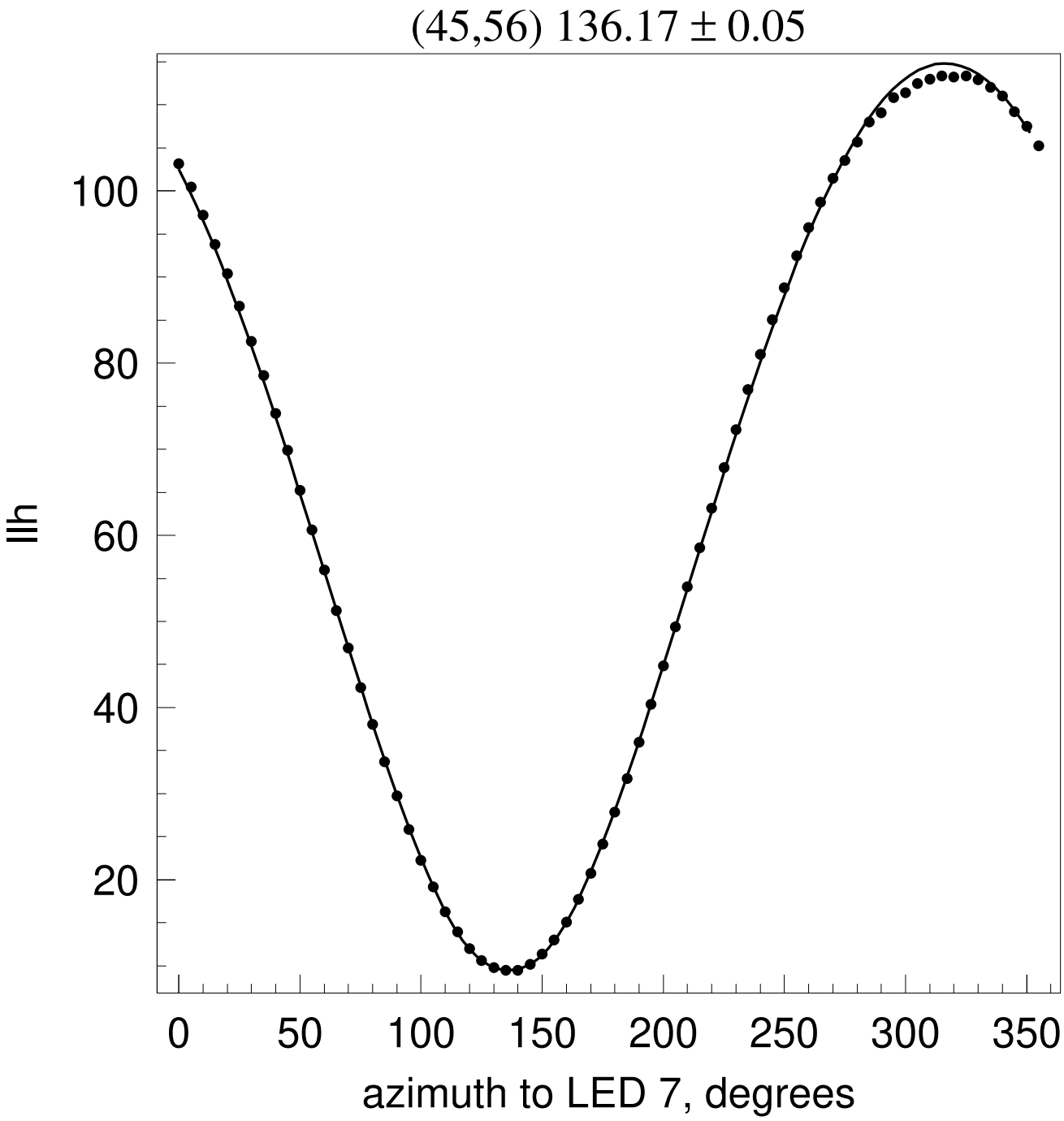

(45,51) 310.25 ± 0.08
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

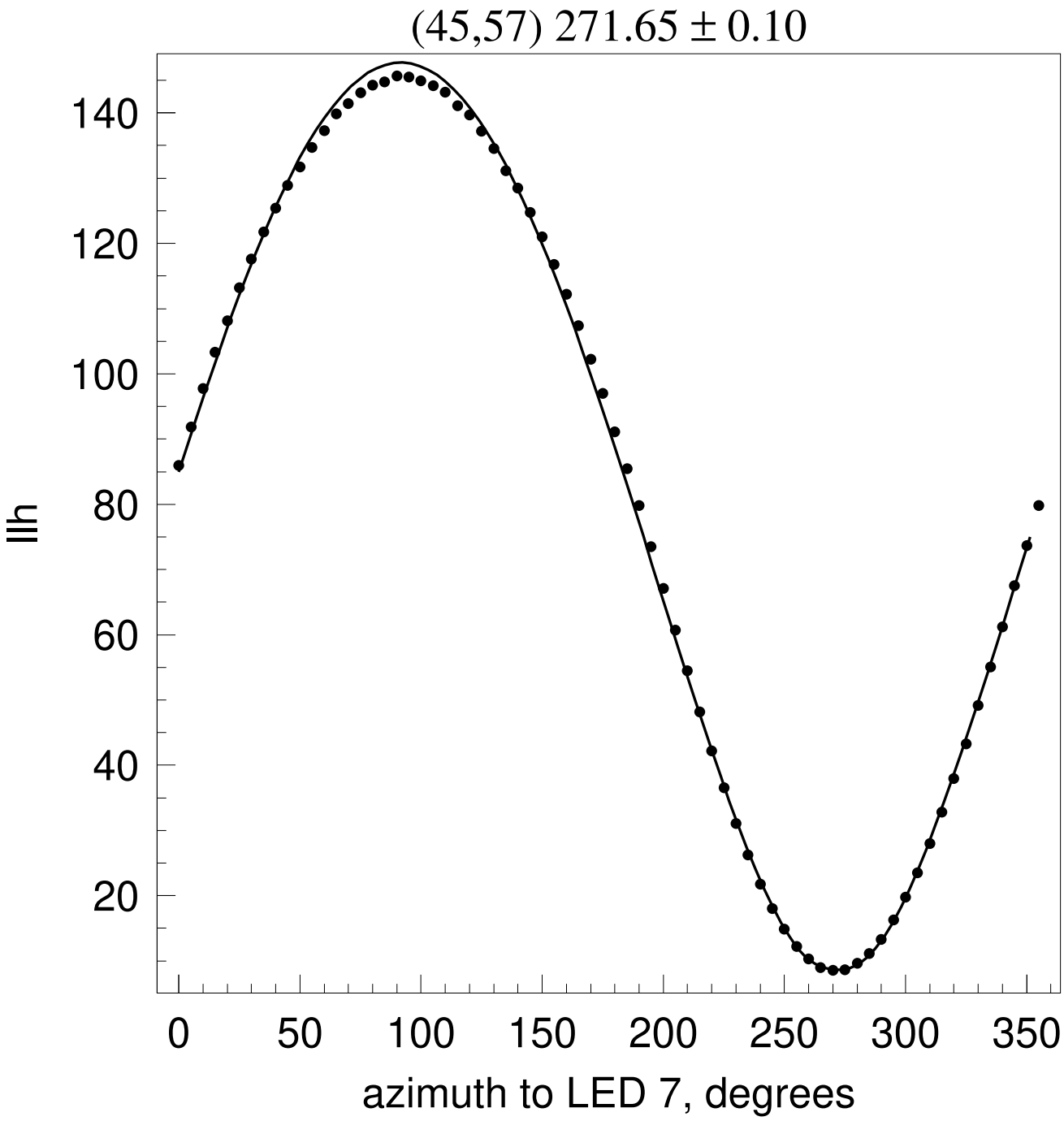

(45,52) 289.14 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

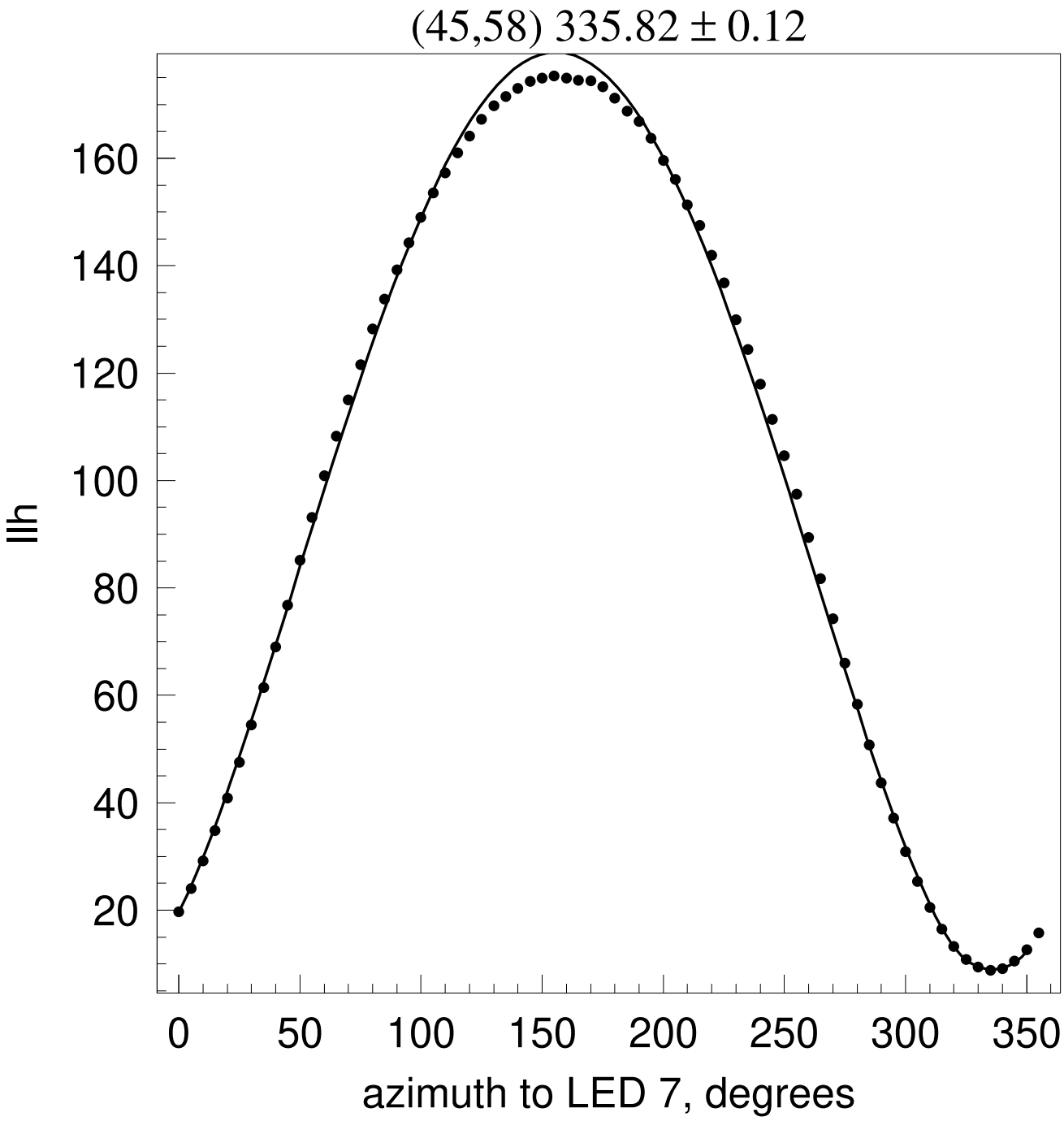

(45,53) 28.41 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

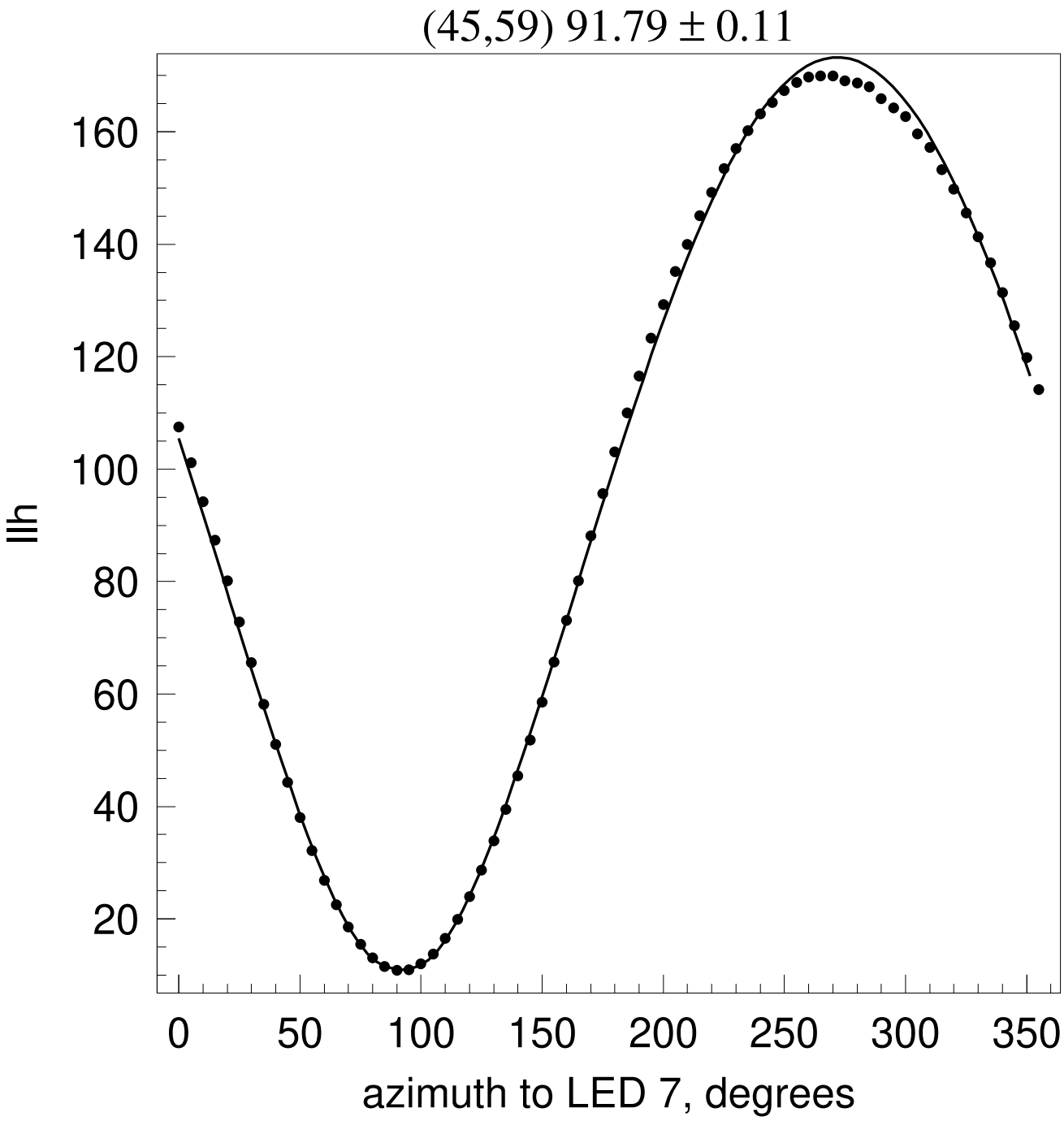

(45,54) 67.29 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

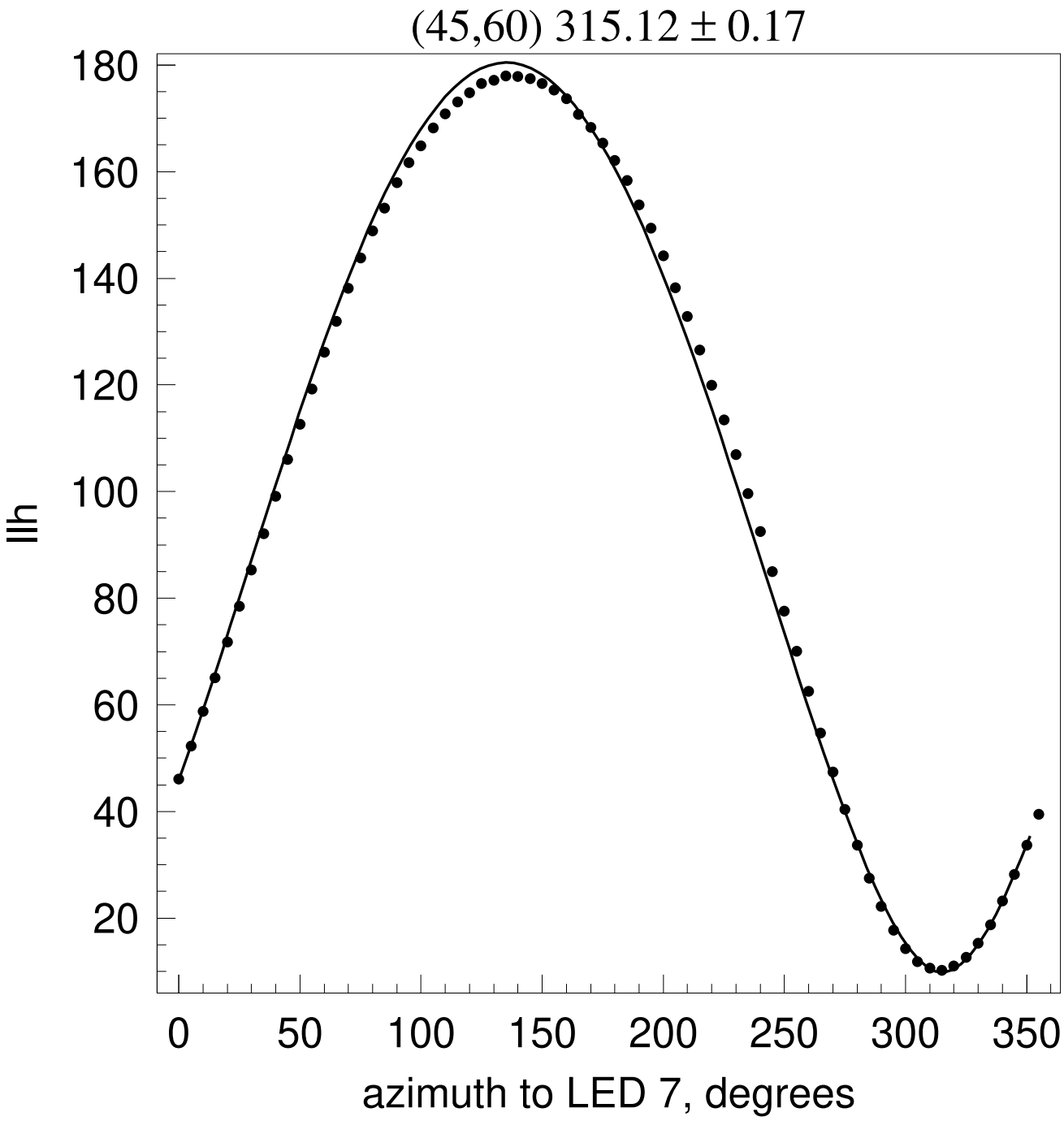

(45,55) 270.46 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

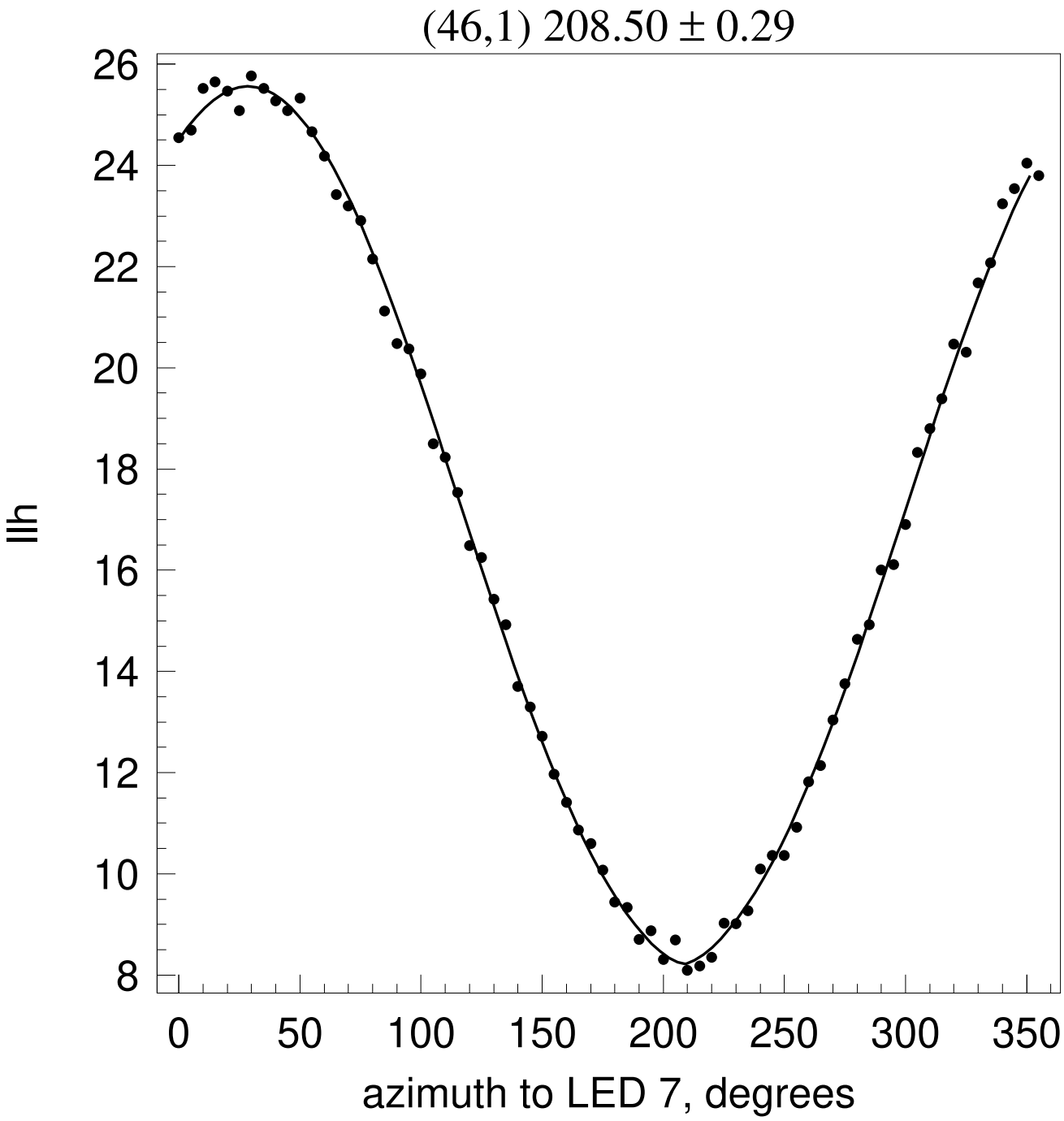

(45,56) 136.17 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

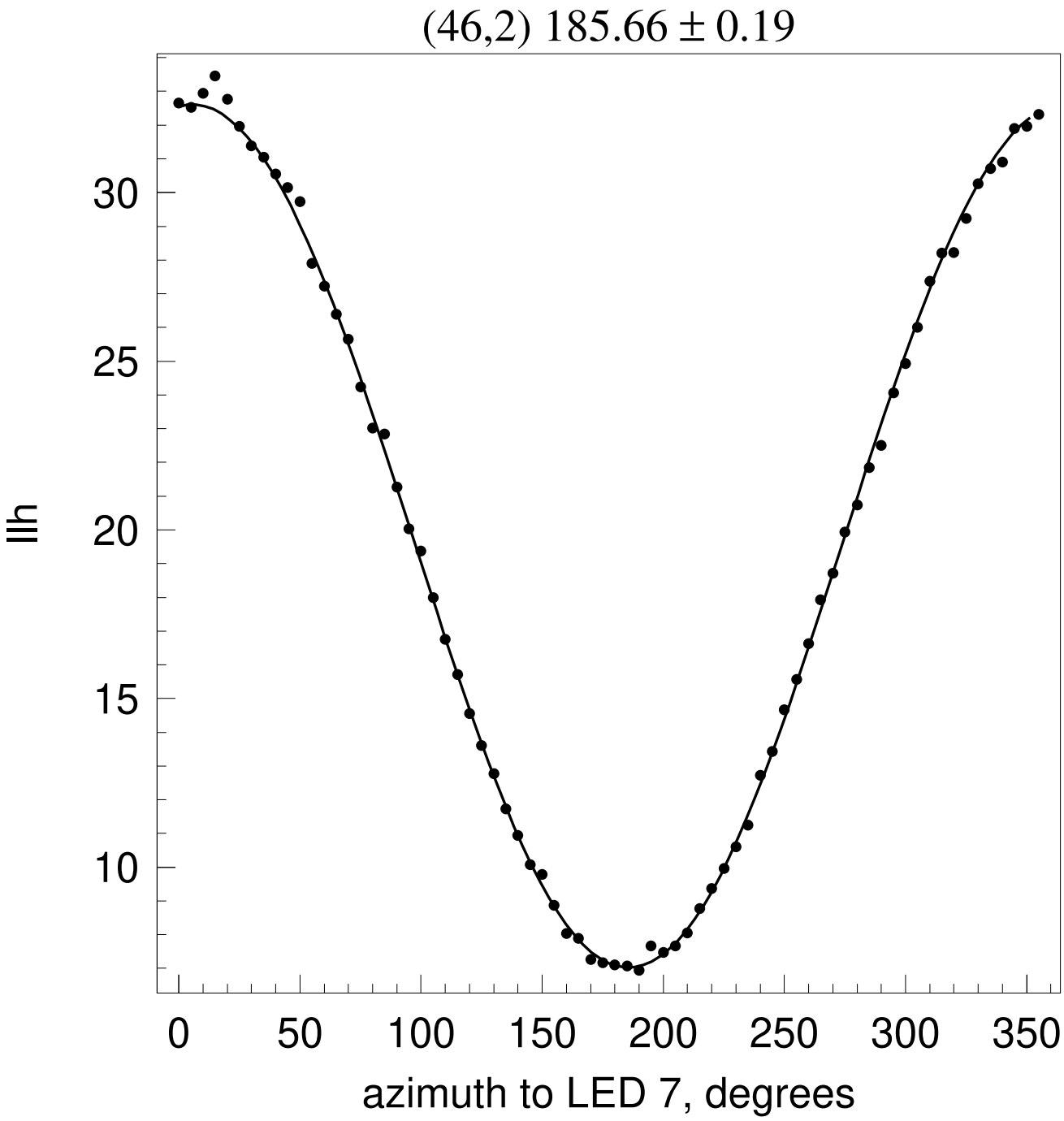

(45,57) 271.65 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

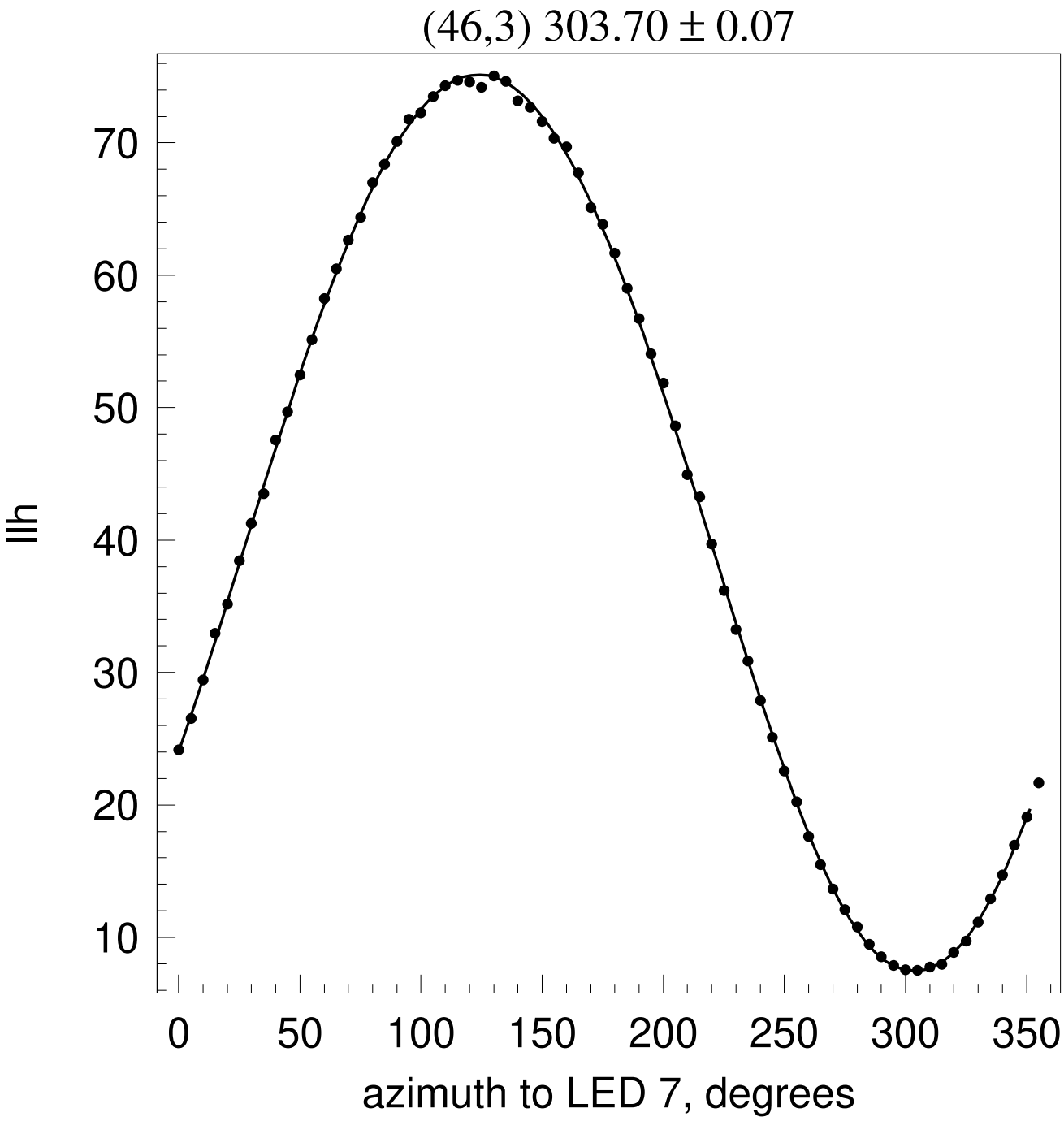

(45,58) 335.82 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

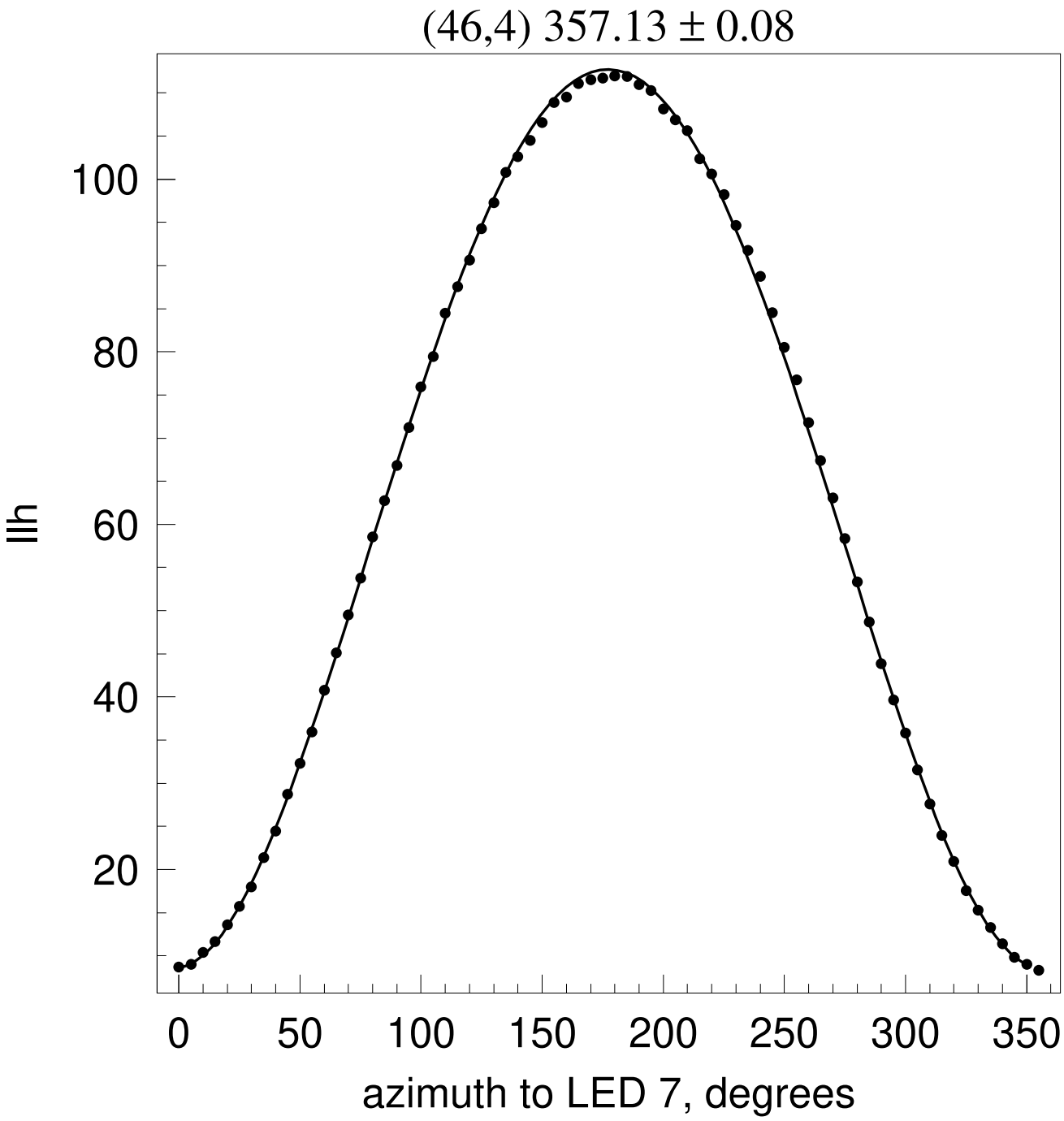

(45,59) 91.79 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

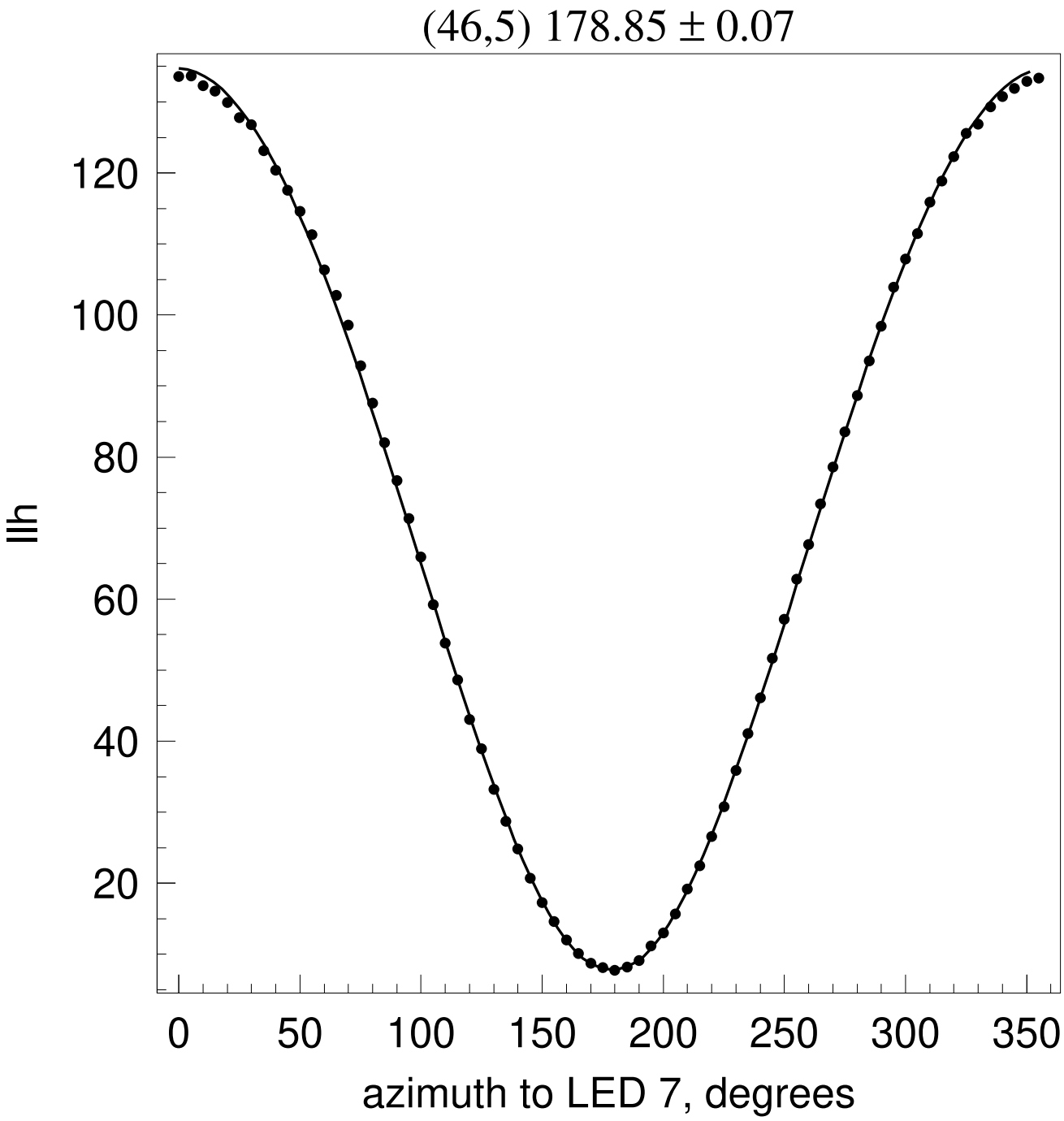

(45,60) 315.12 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

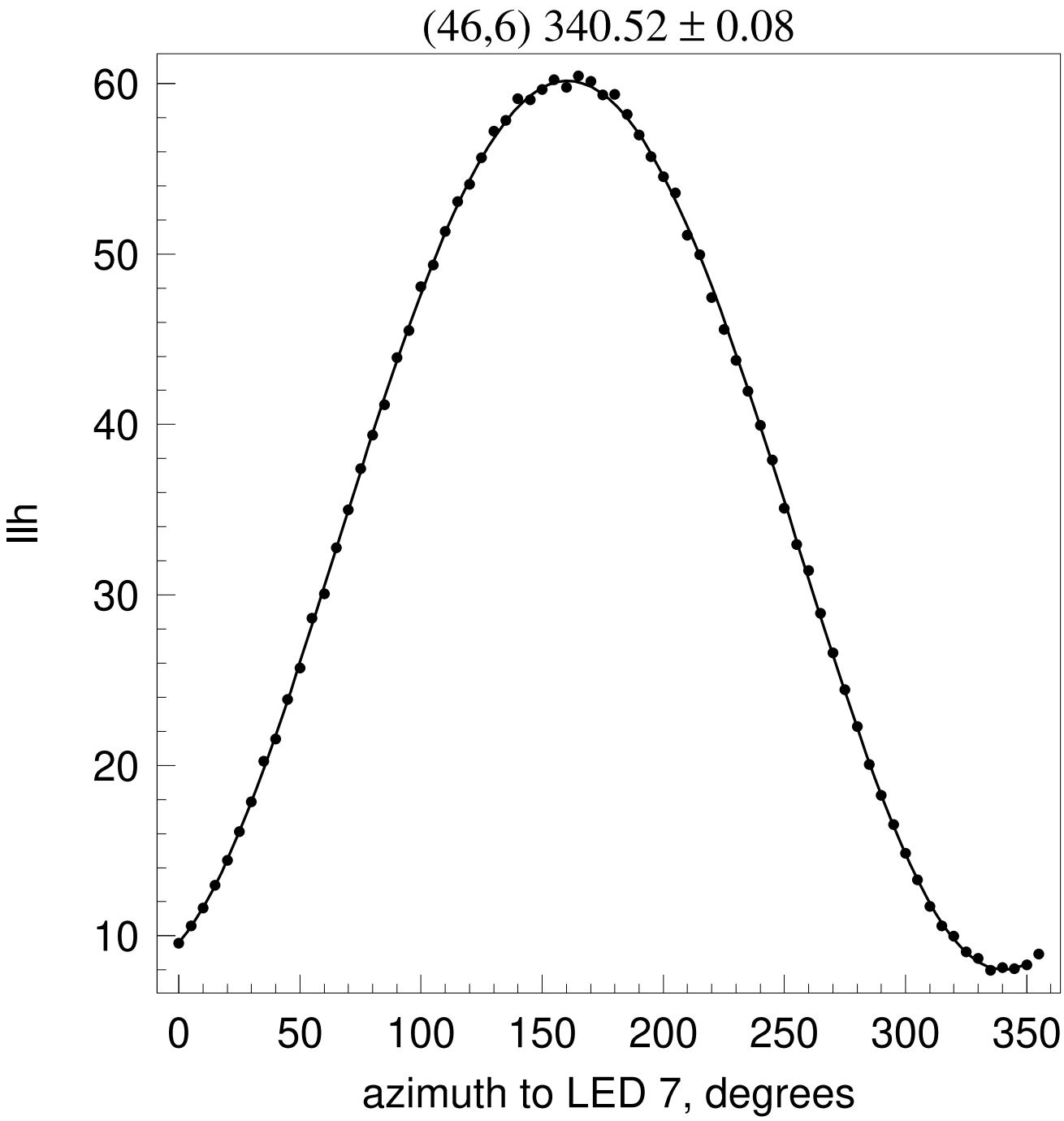

(46,1) 208.50 ± 0.29
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

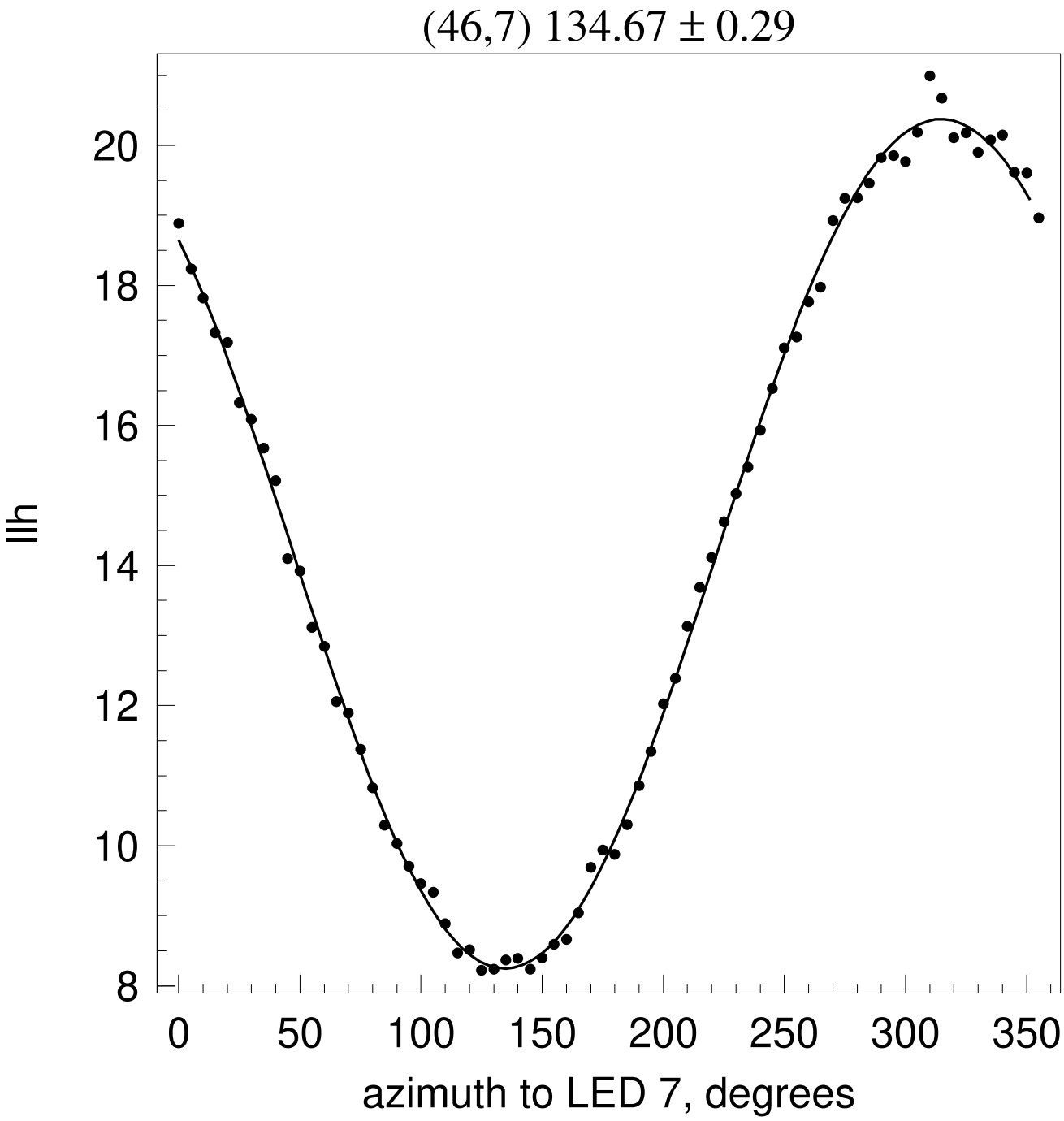

(46,2) 185.66 ± 0.19
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

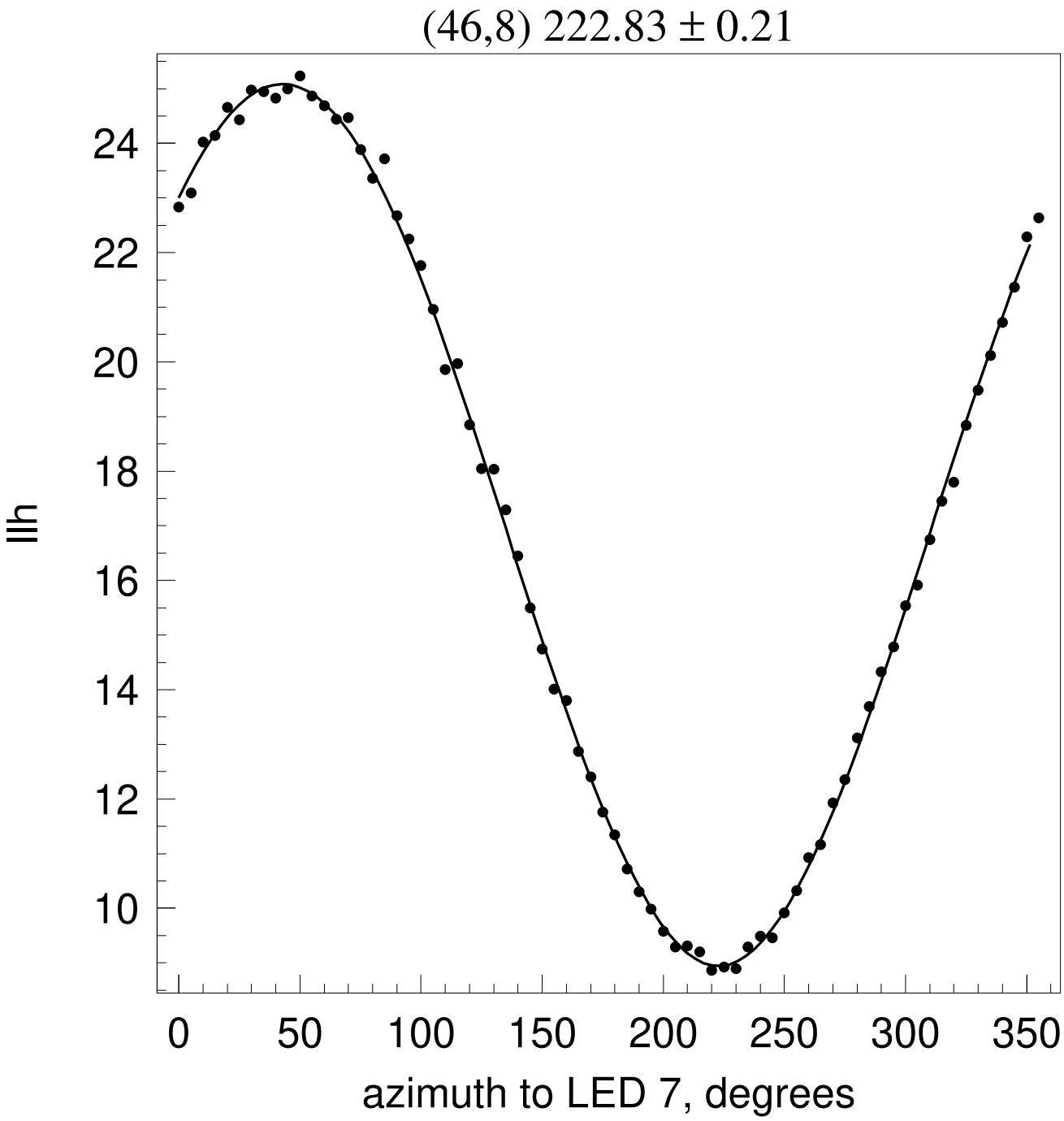

(46,3) 303.70 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

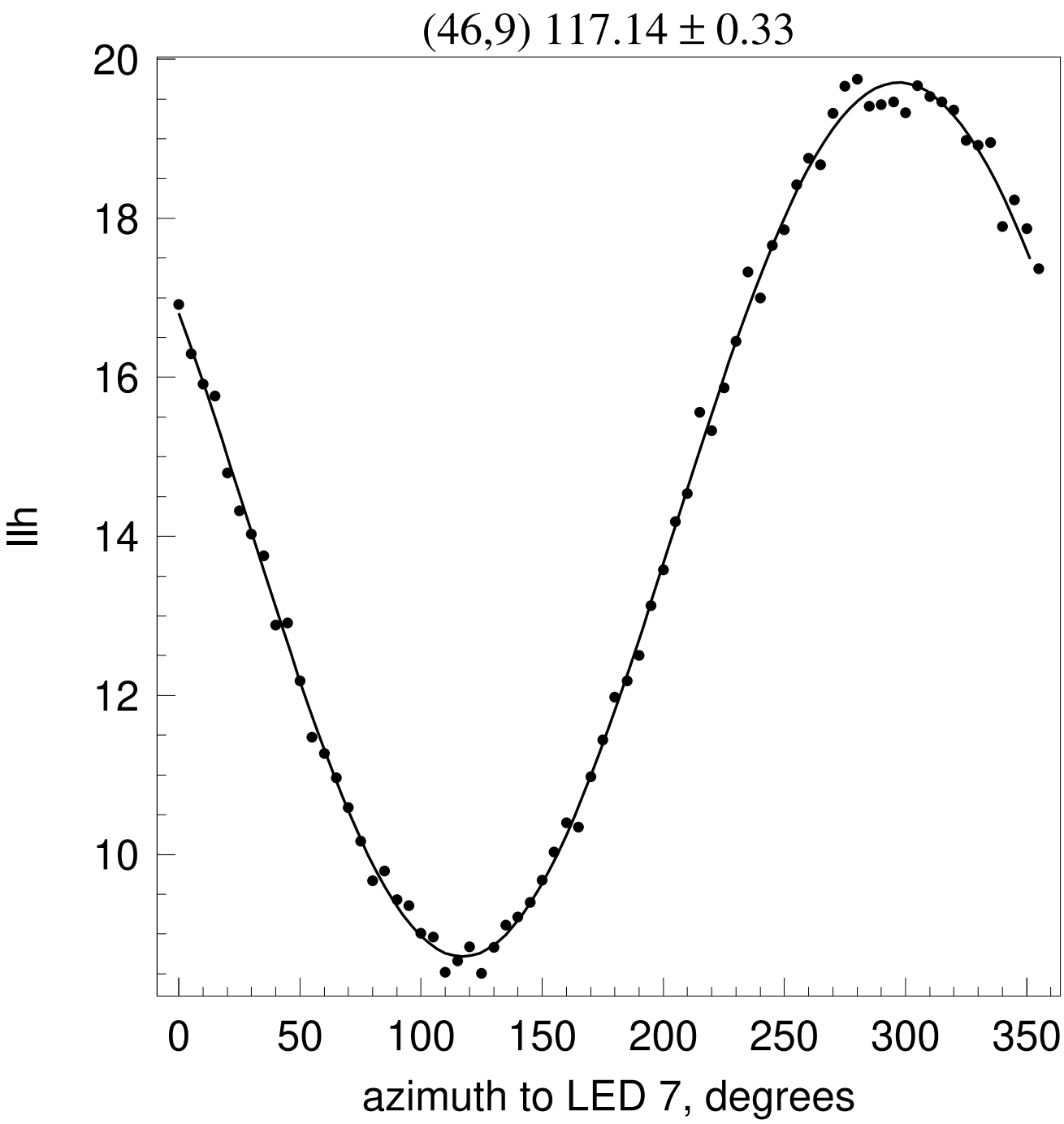

(46,4) 357.13 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

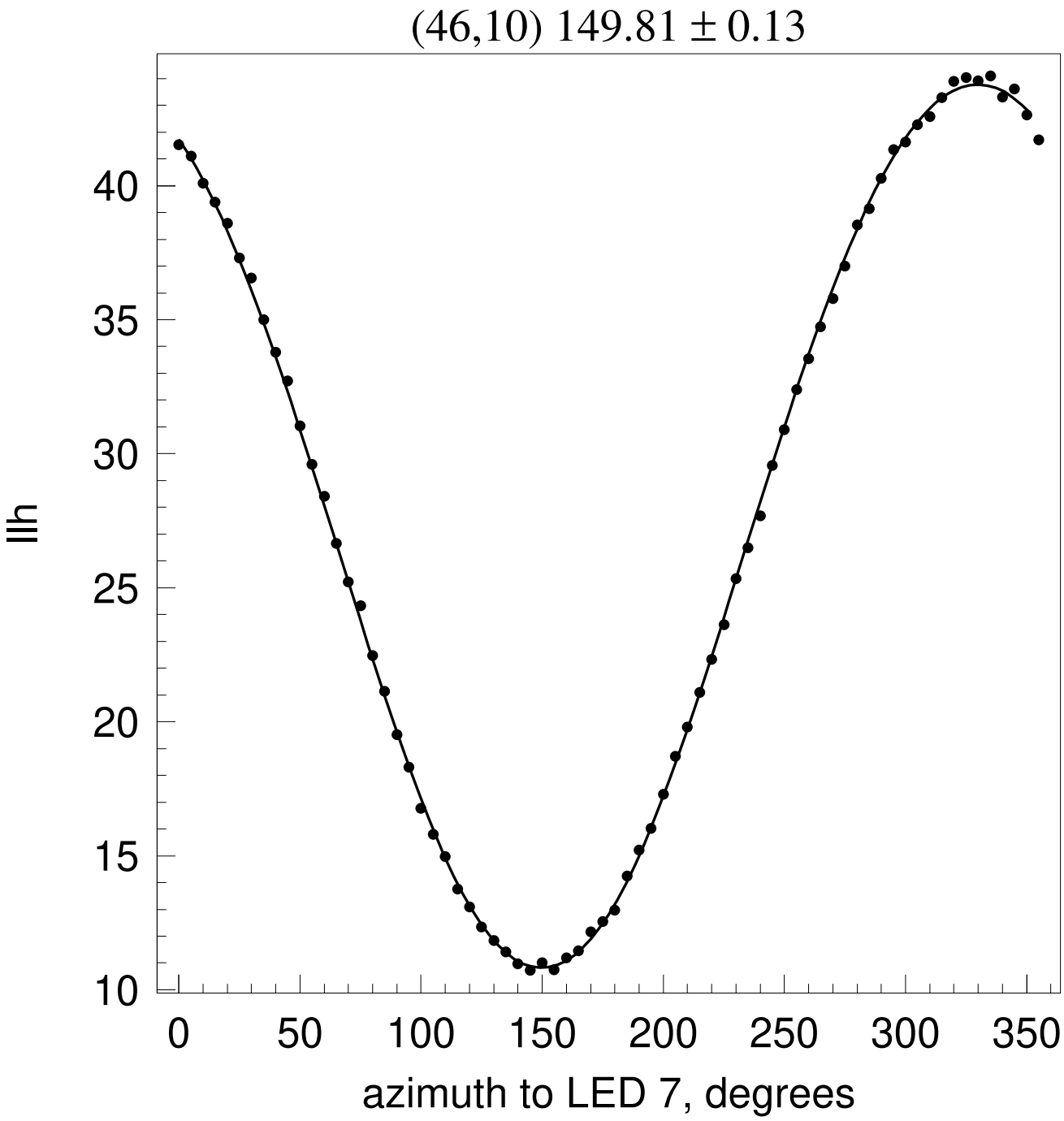

(46,5) 178.85 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

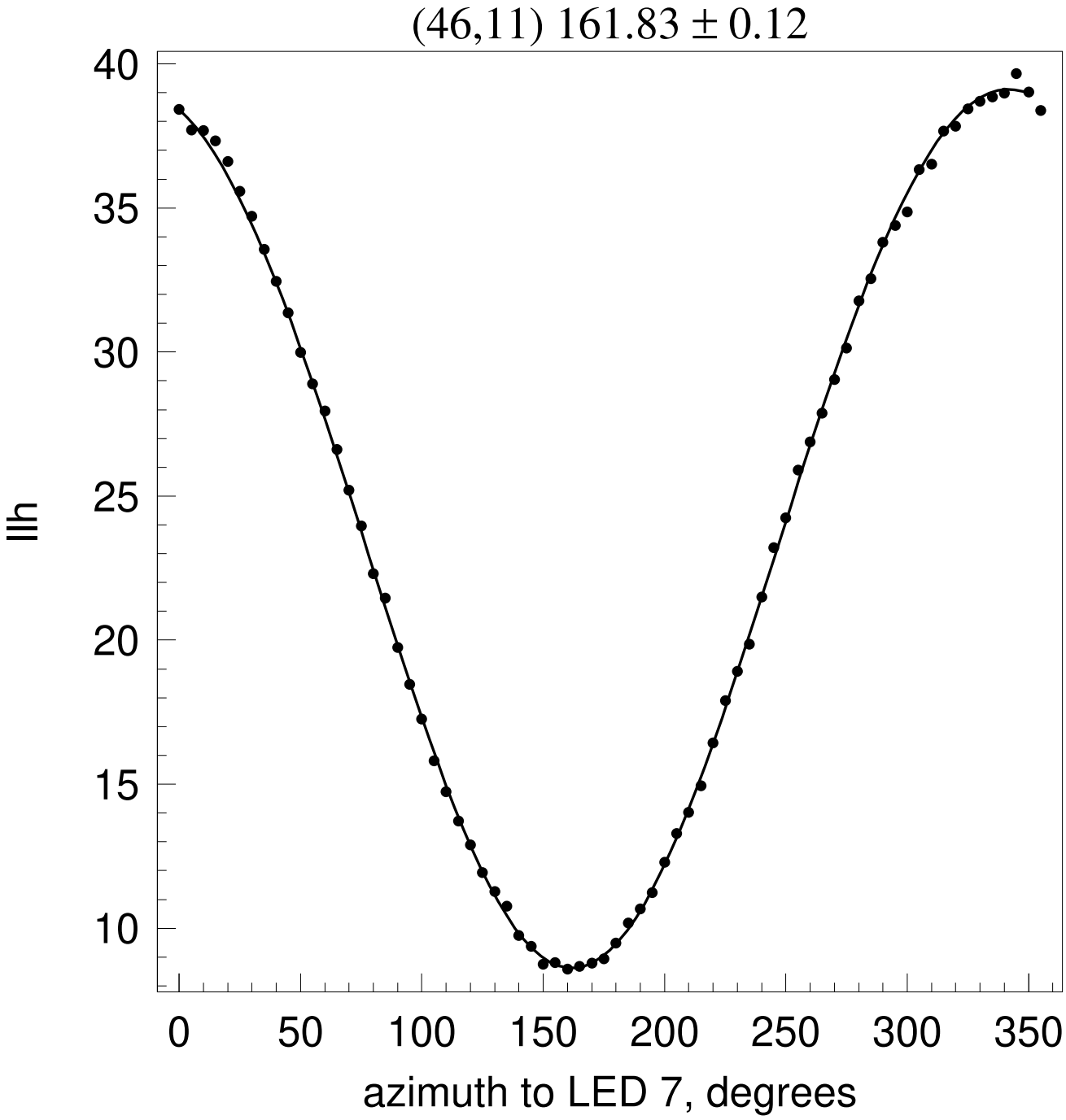

(46,6) 340.52 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

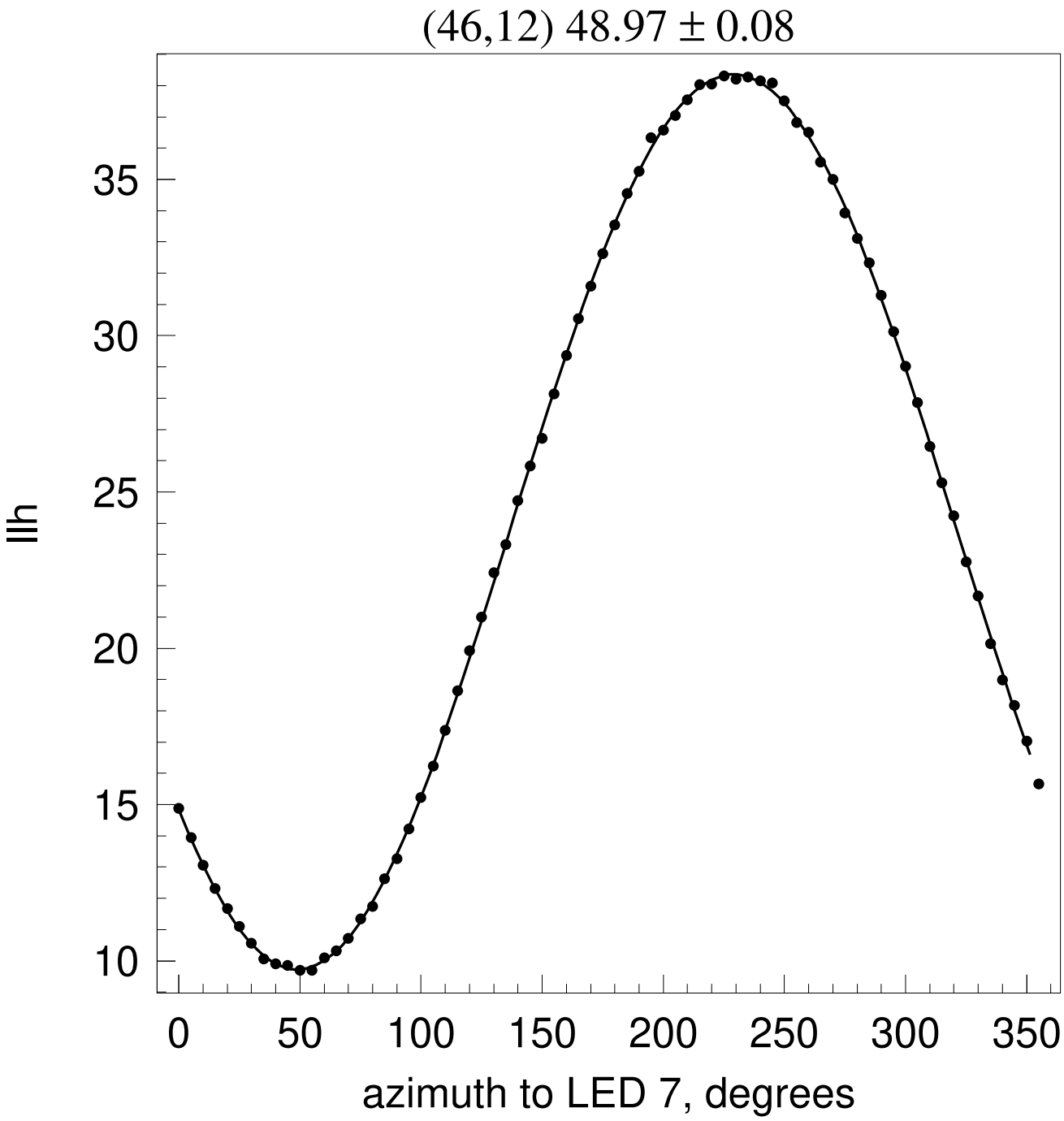

(46,7) 134.67 ± 0.29
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

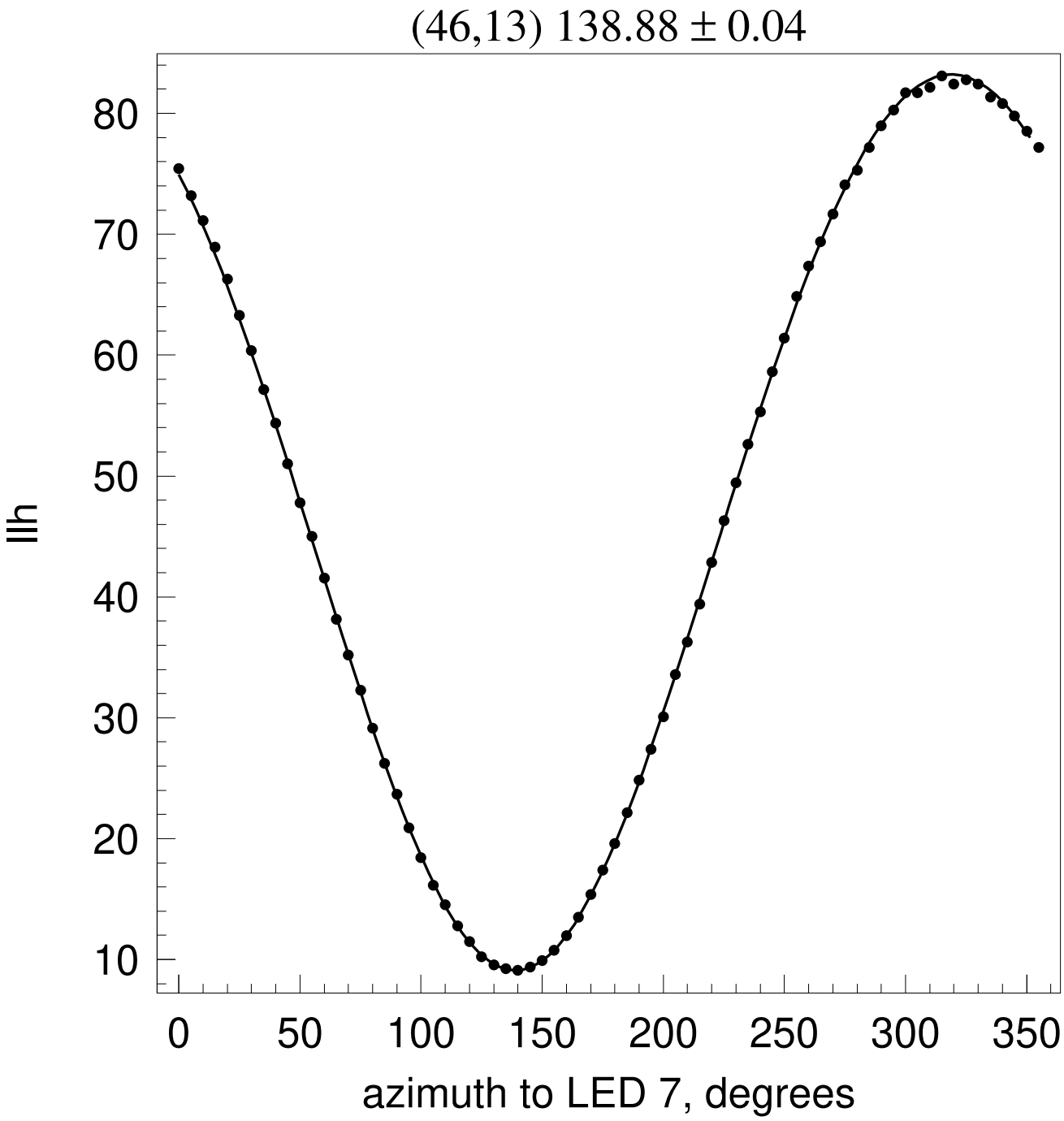

(46,8) 222.83 ± 0.21
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

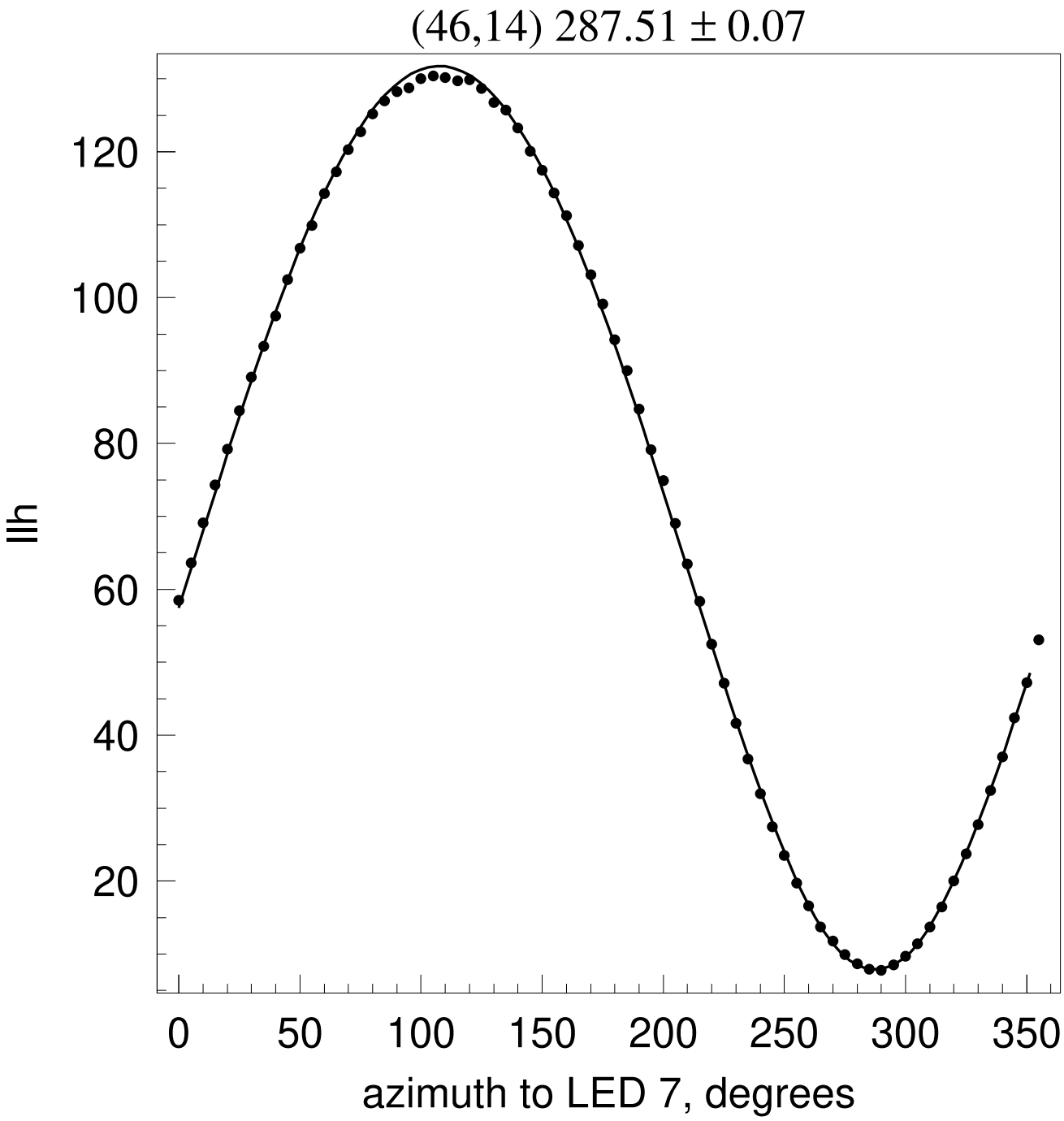

(46,9) 117.14 ± 0.33
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

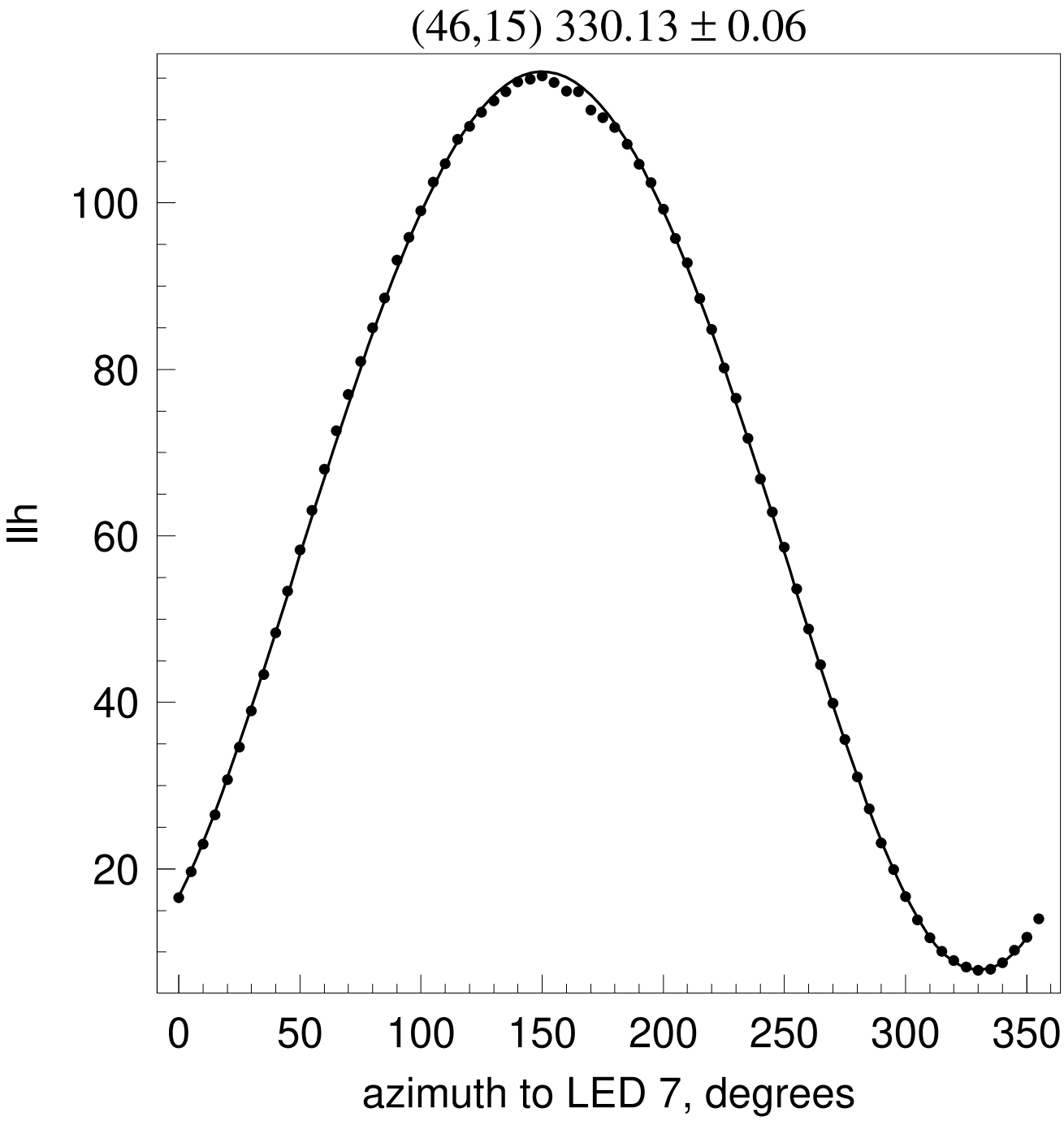

(46,10) 149.81 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

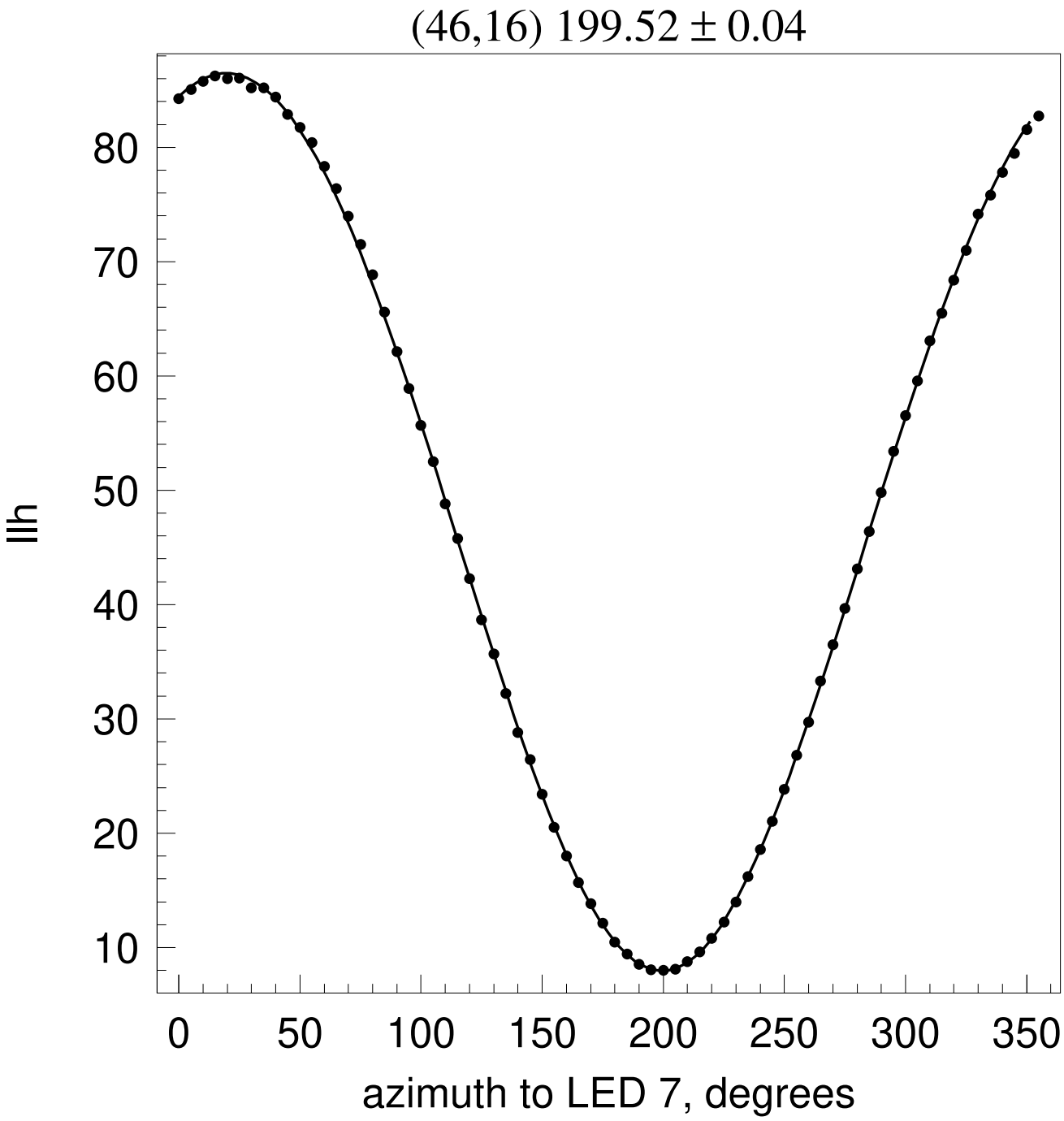

(46,11) 161.83 ± 0.12
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

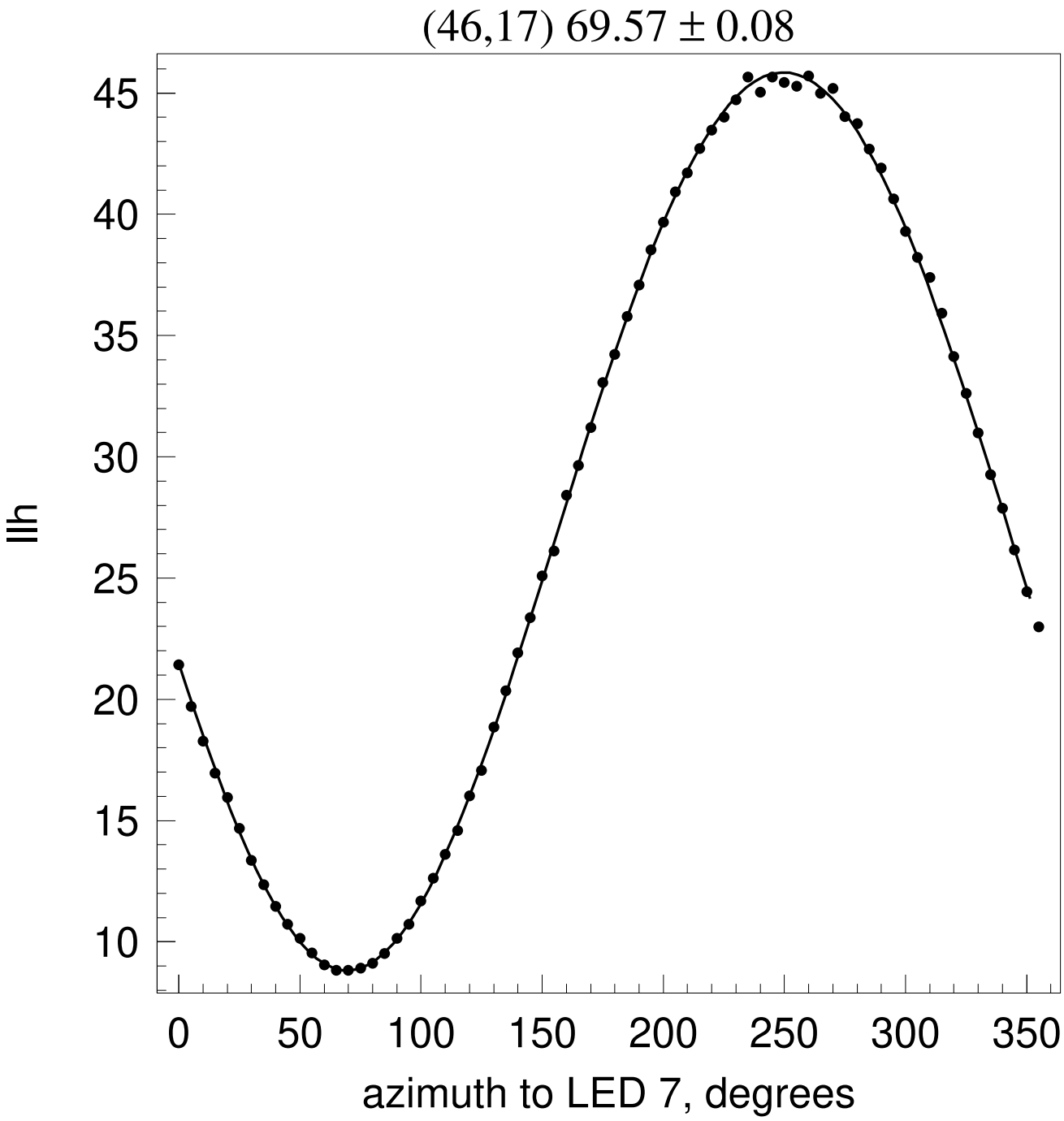

(46,12) 48.97 ± 0.08
llh
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

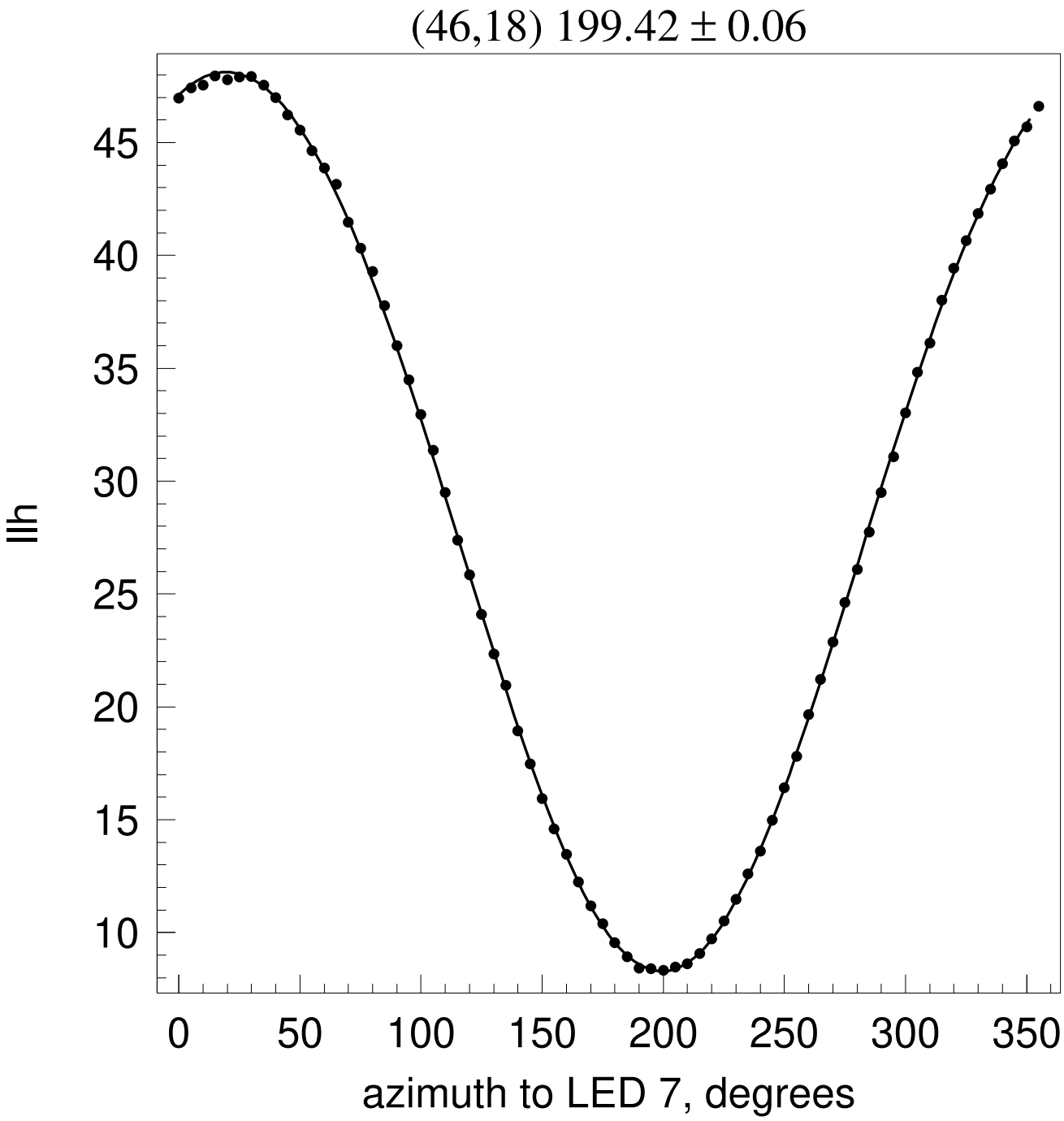

(46,13) 138.88 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

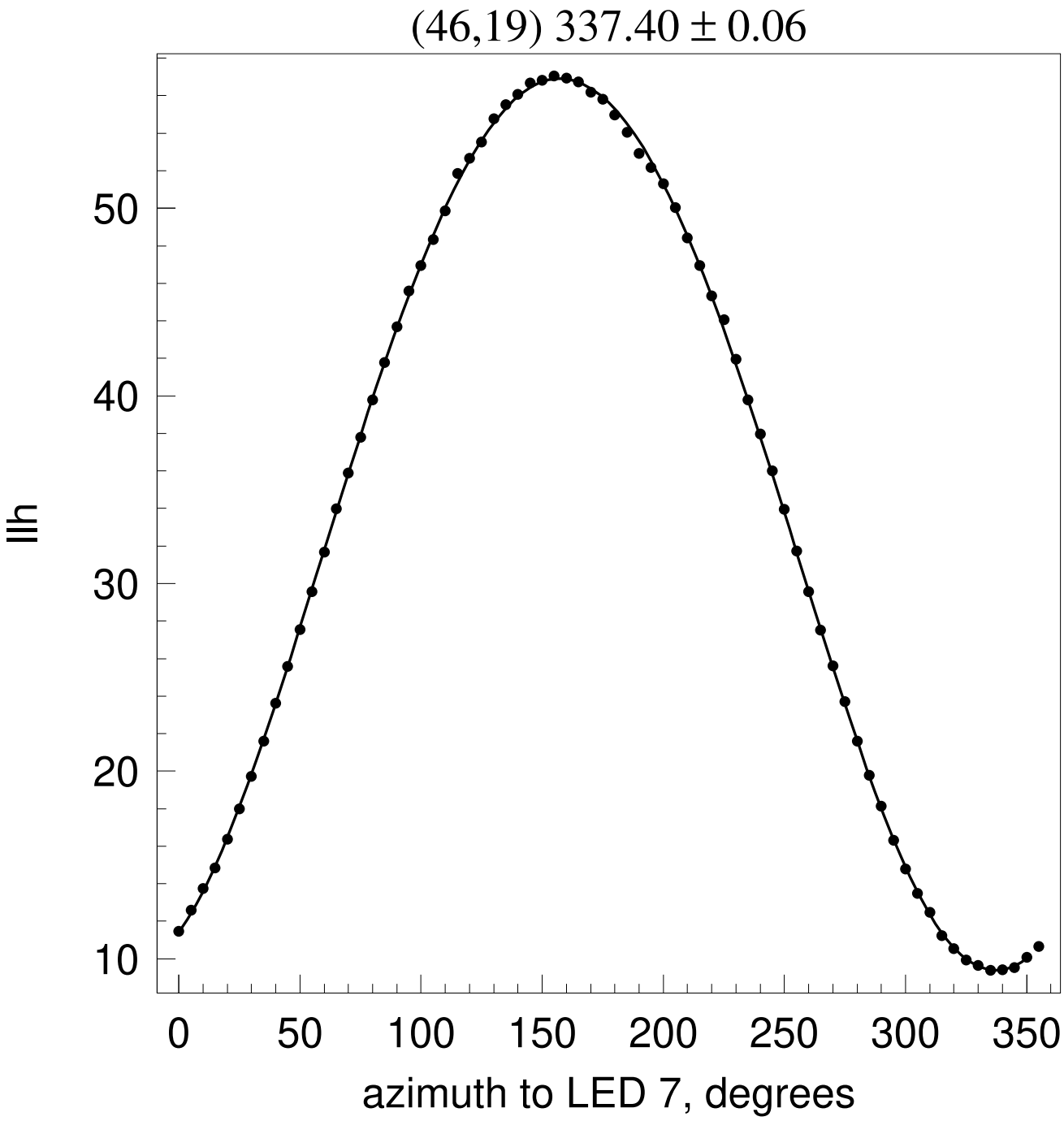

(46,14) 287.51 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

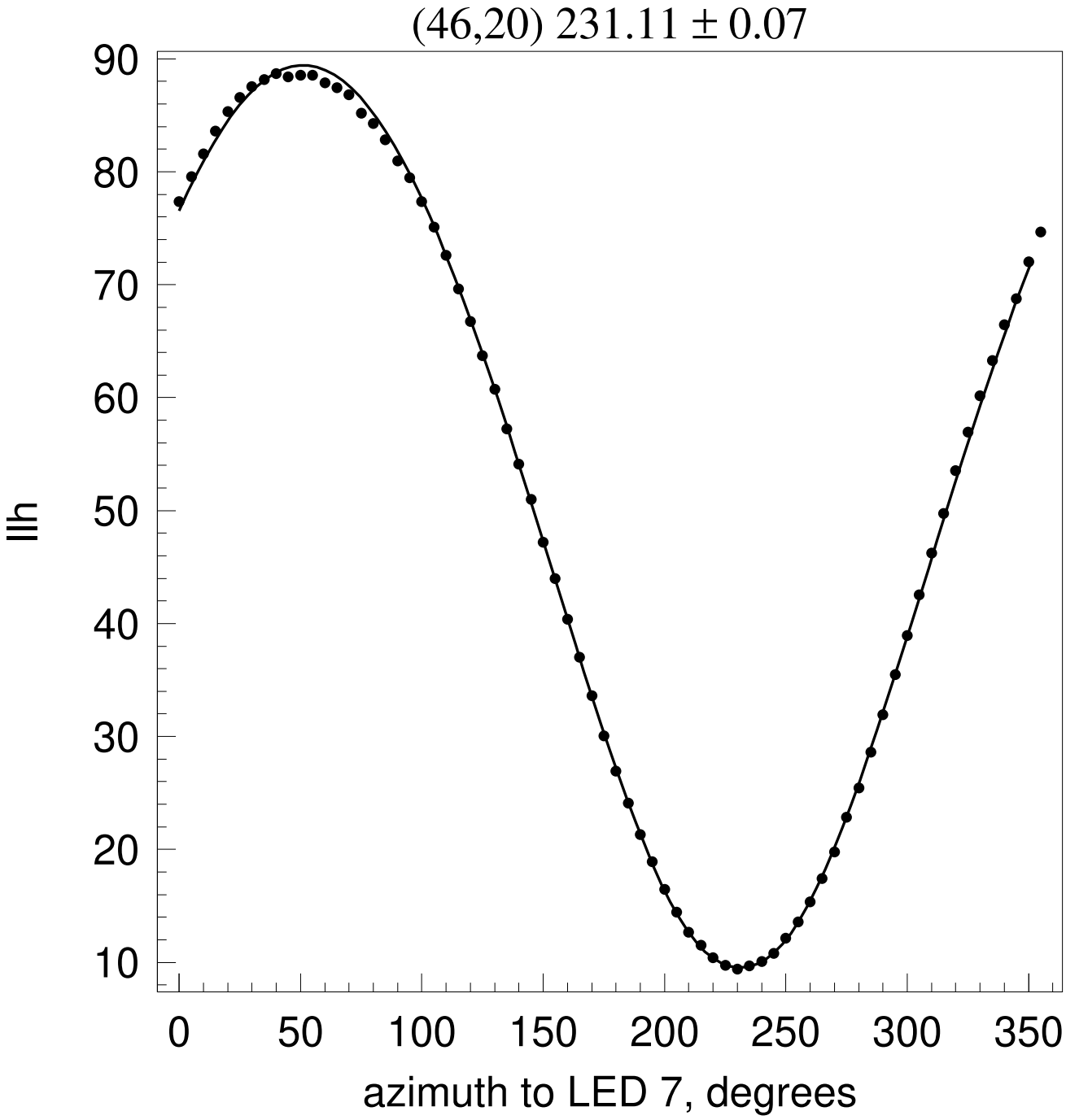

(46,15) 330.13 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

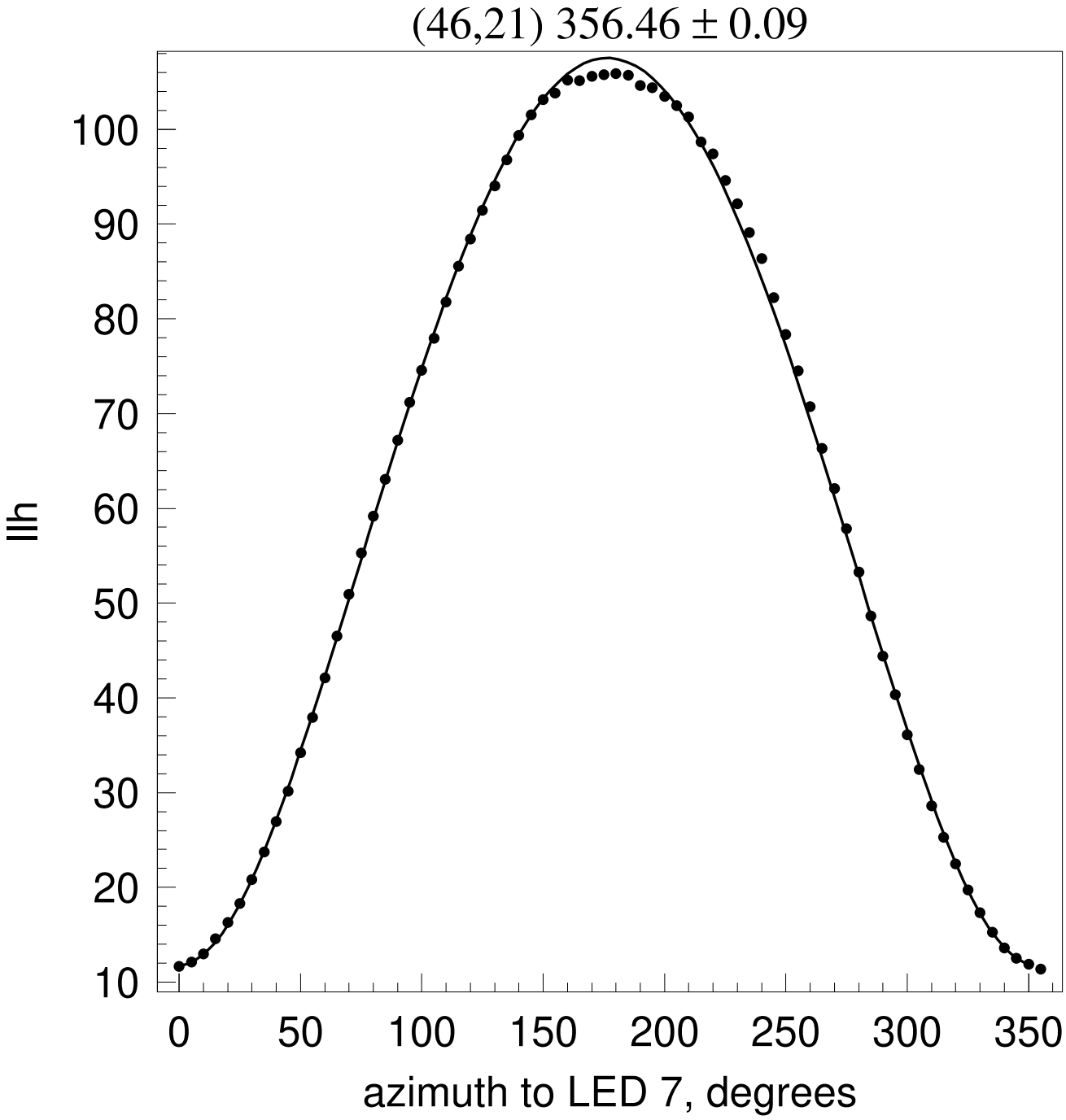

(46,16) 199.52 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

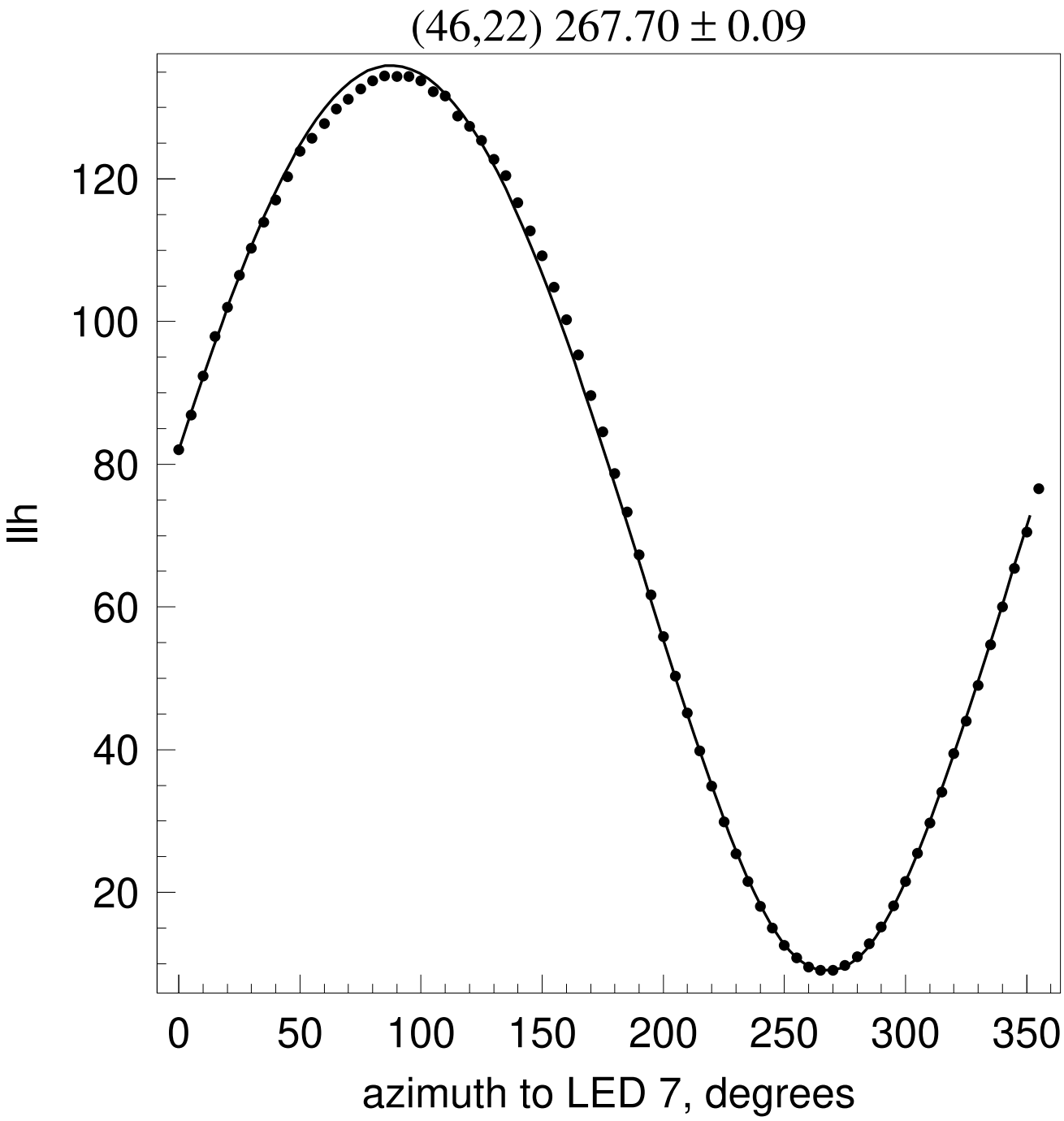

(46,17) 69.57 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

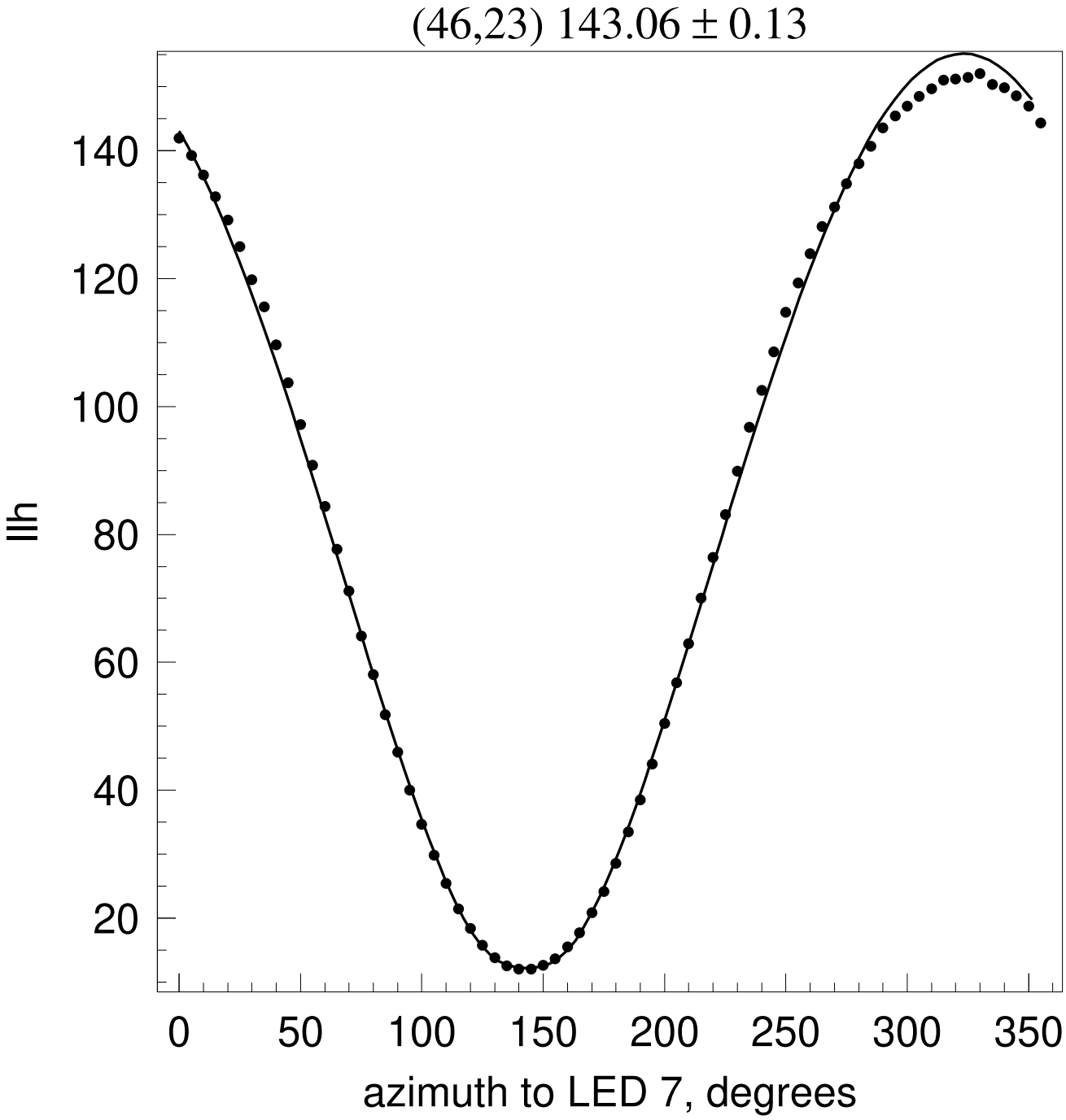

(46,18) 199.42 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

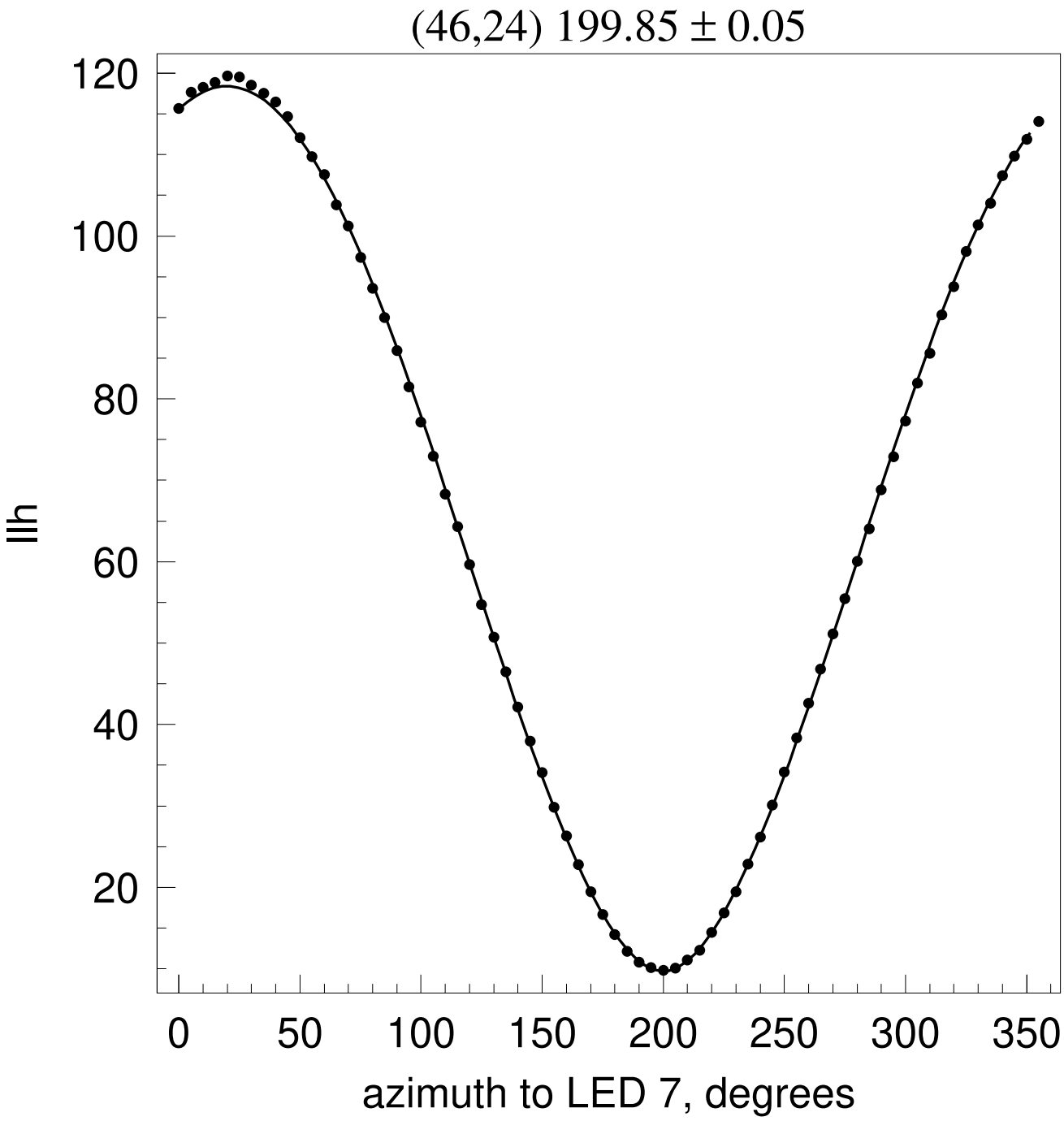

(46,19) 337.40 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

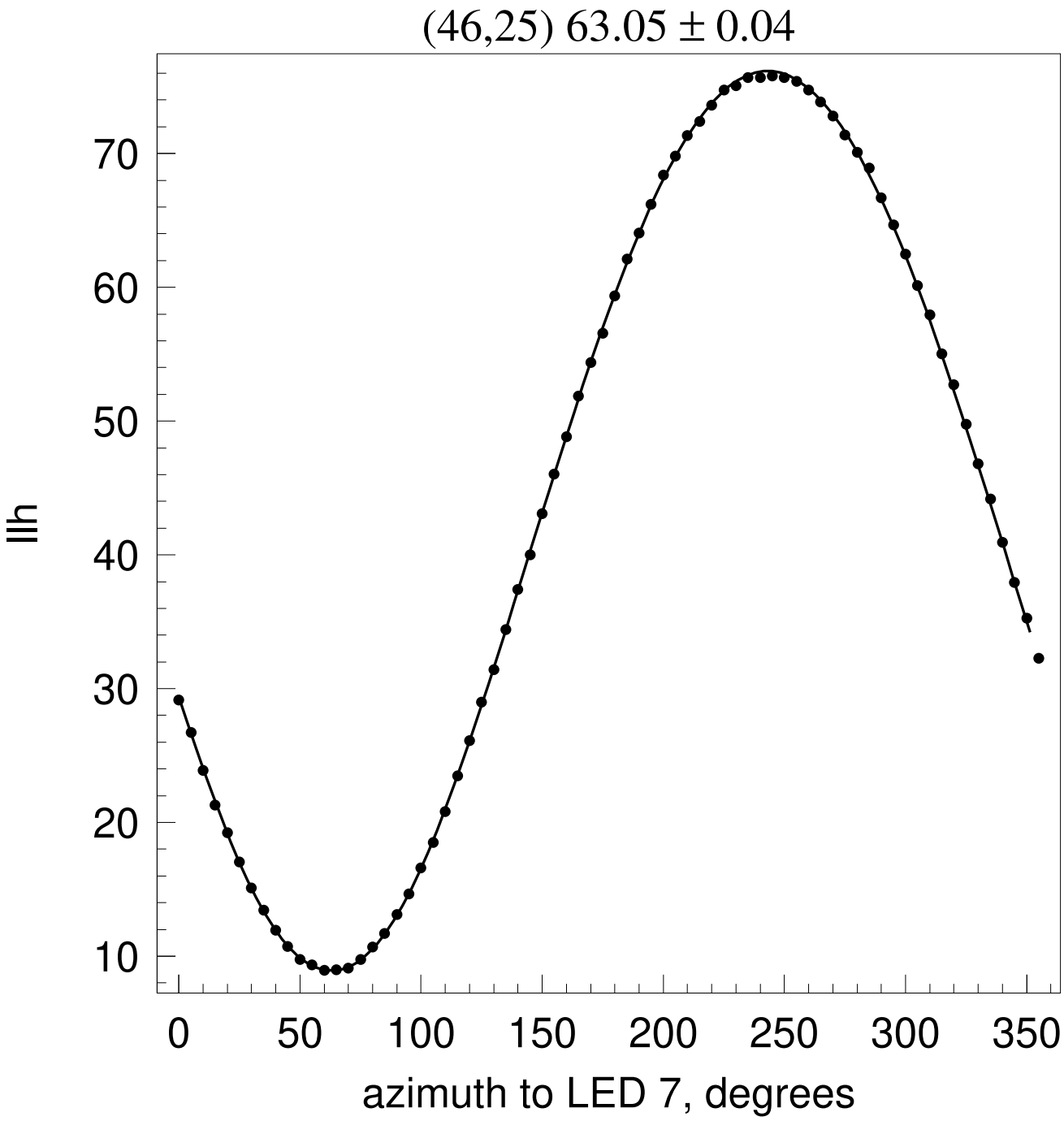

(46,20) 231.11 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

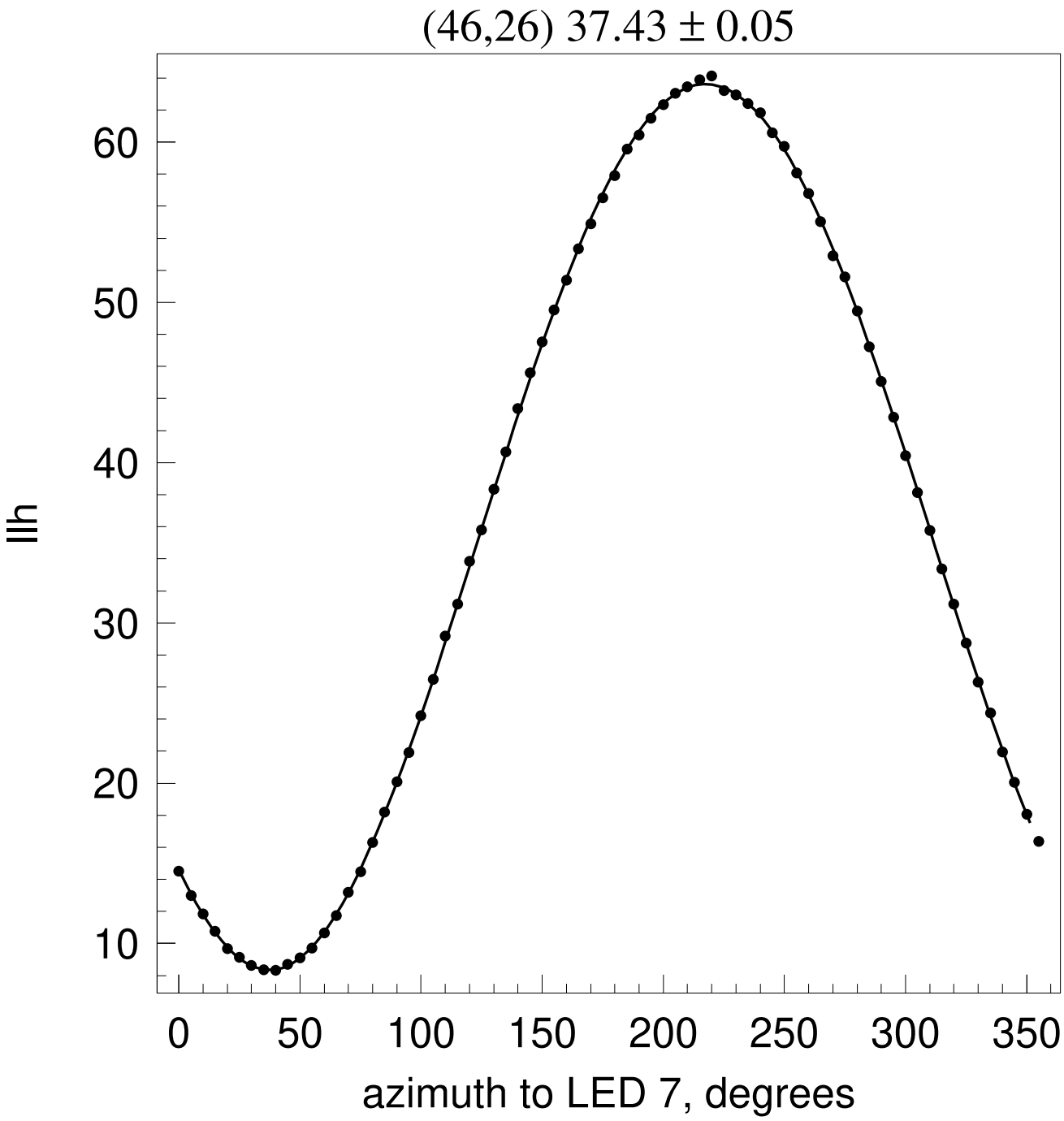

(46,21) 356.46 ± 0.09
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

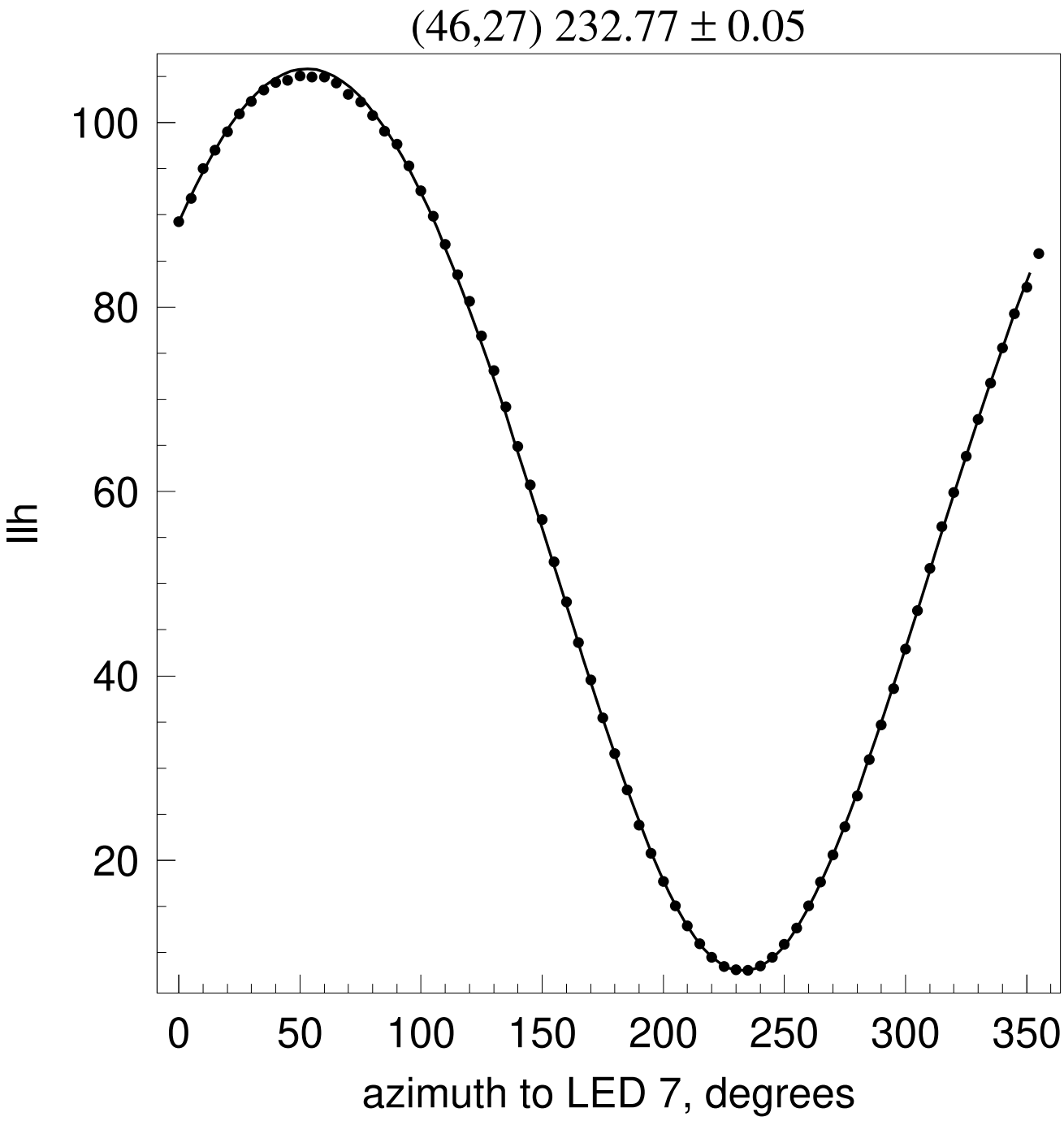

(46,22) 267.70 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

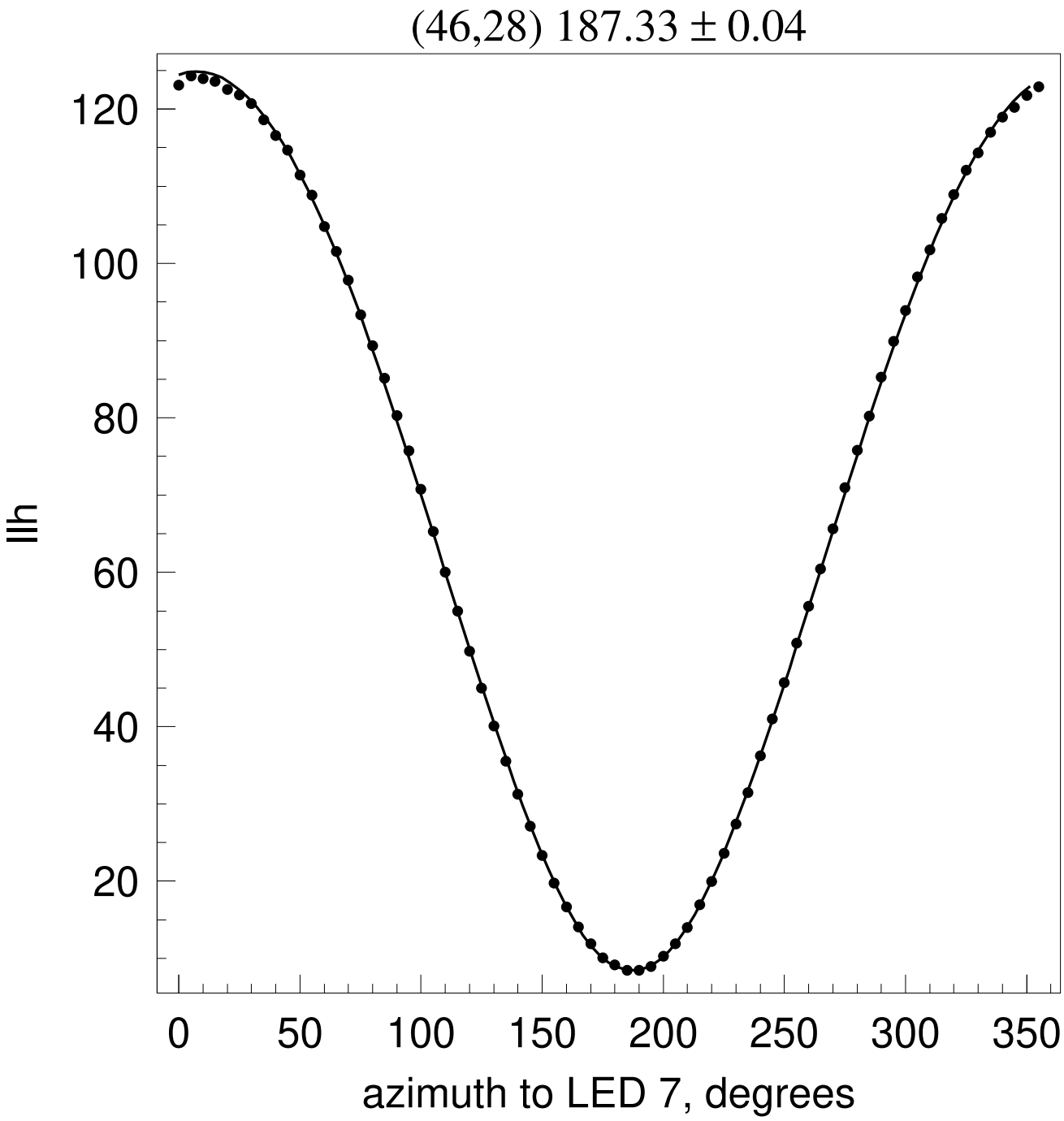

(46,23) 143.06 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

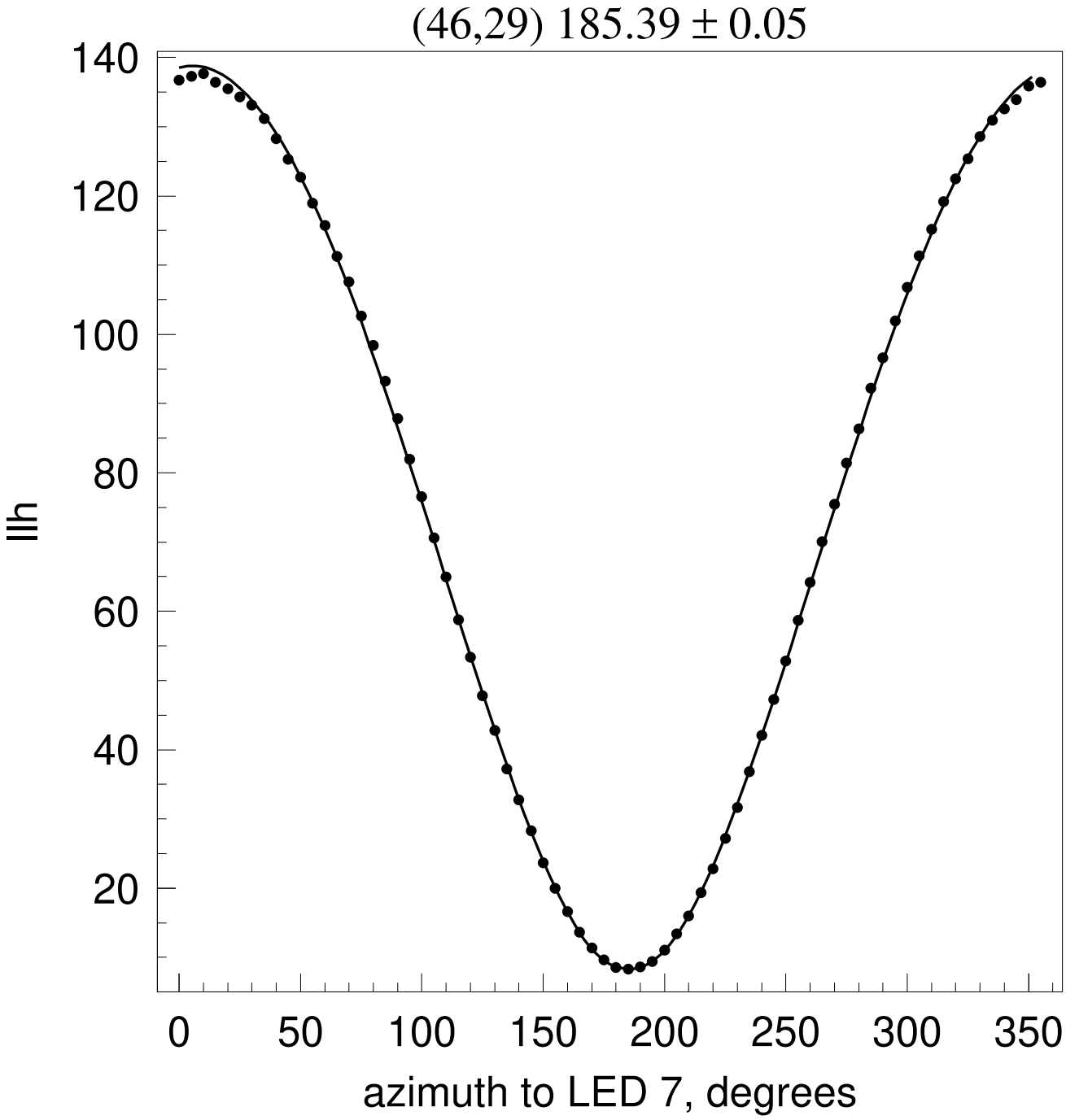

(46,24) 199.85 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

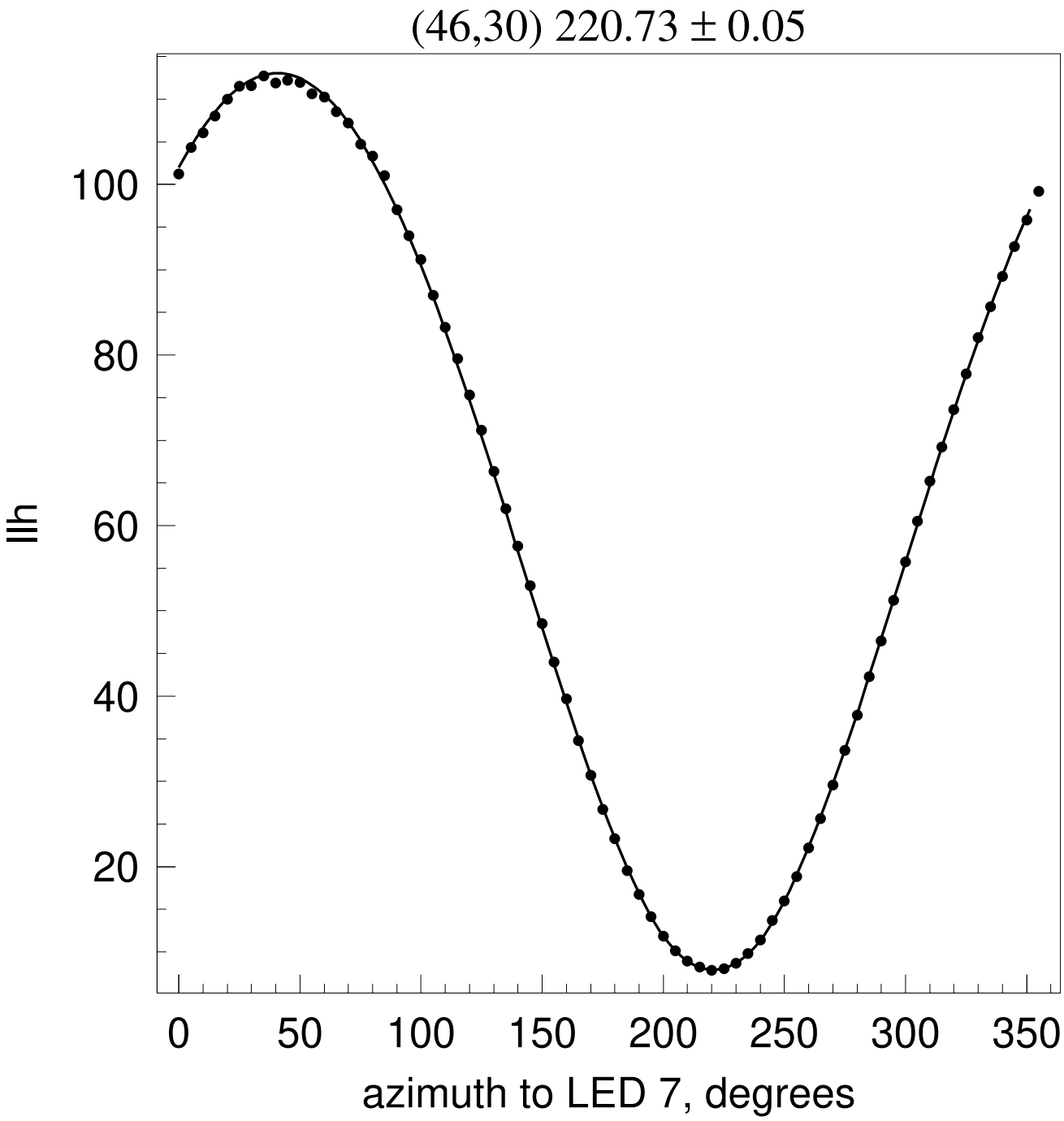

(46,25) 63.05 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

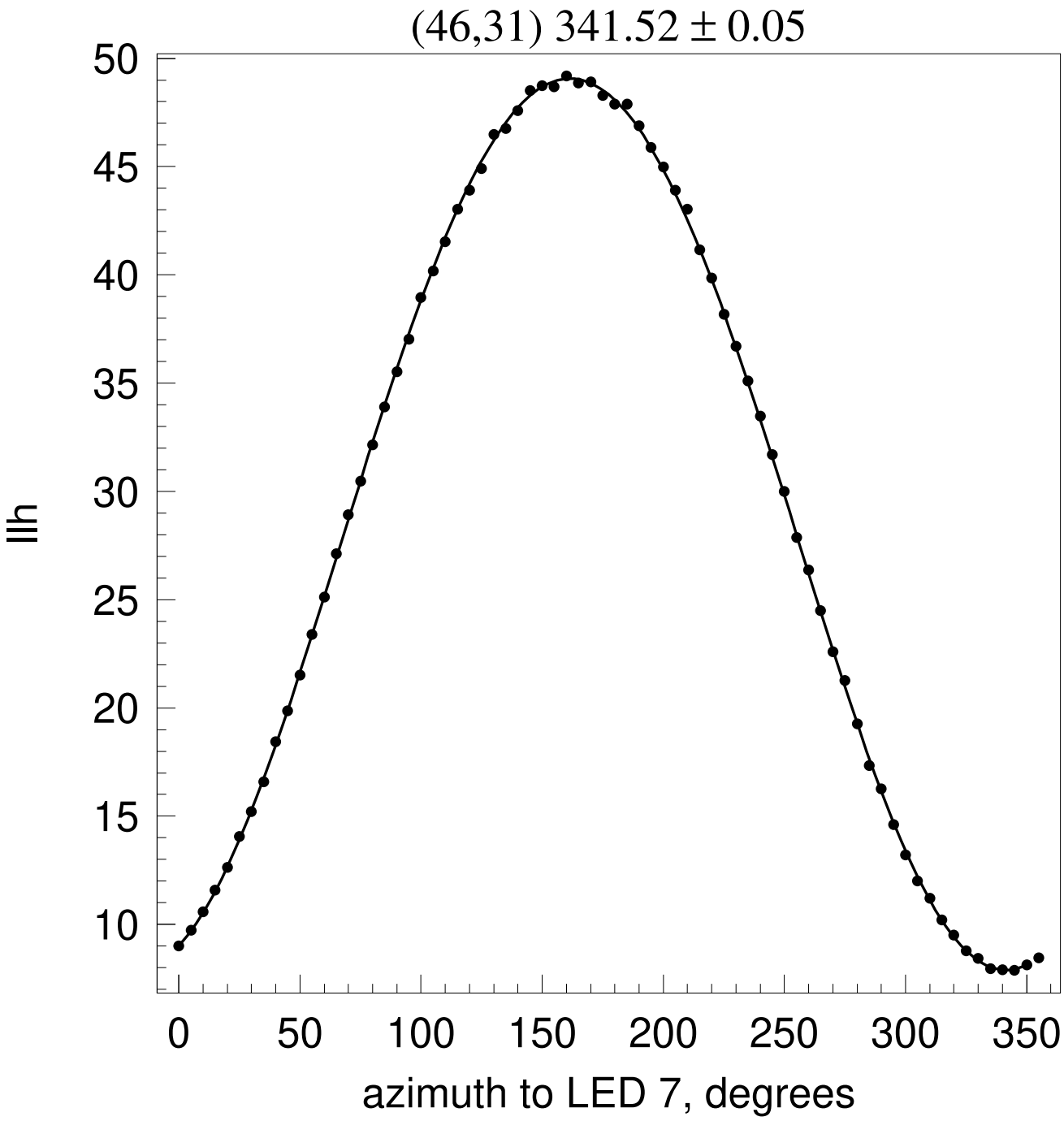

(46,26) 37.43 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

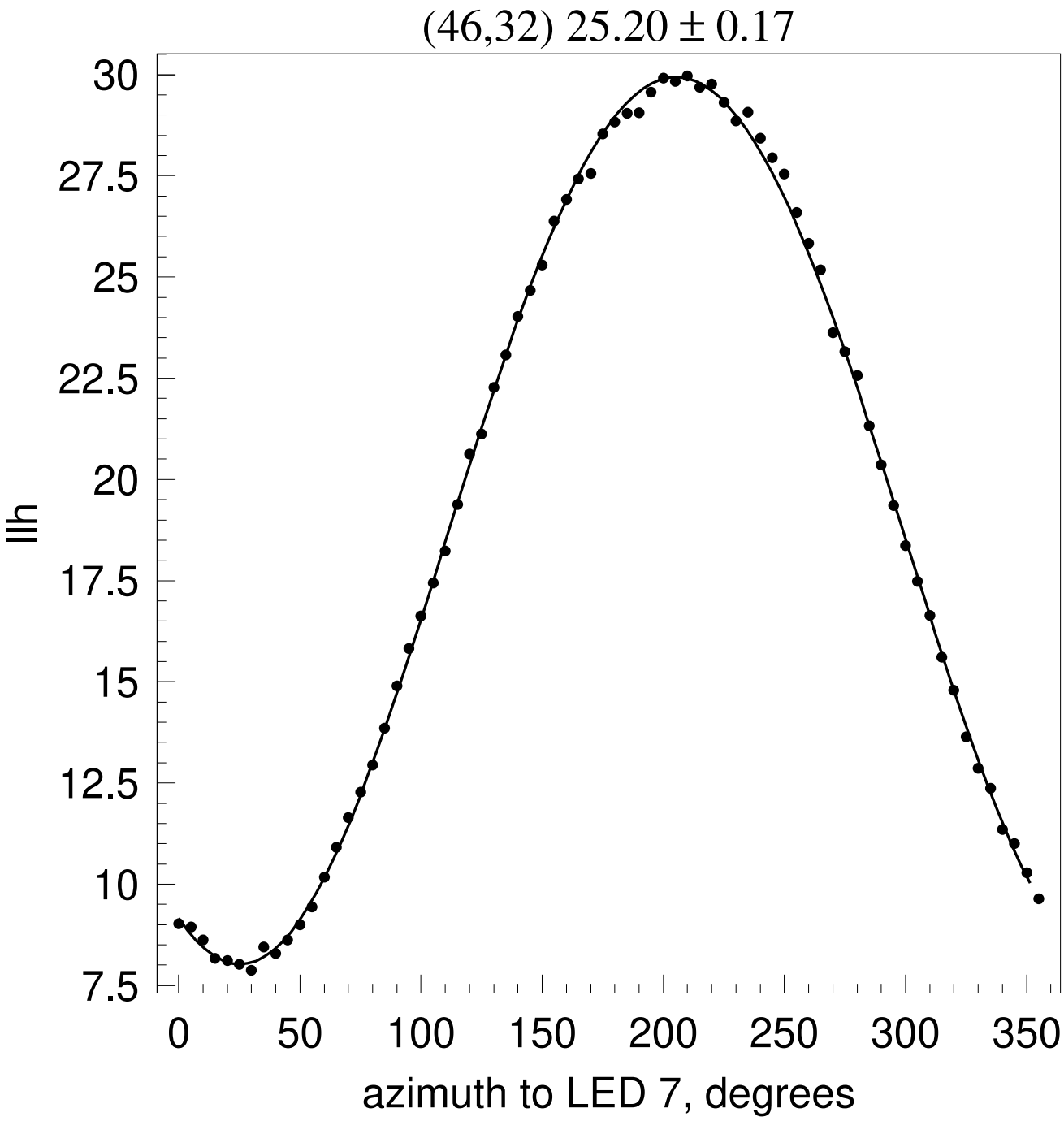

(46,27) 232.77 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

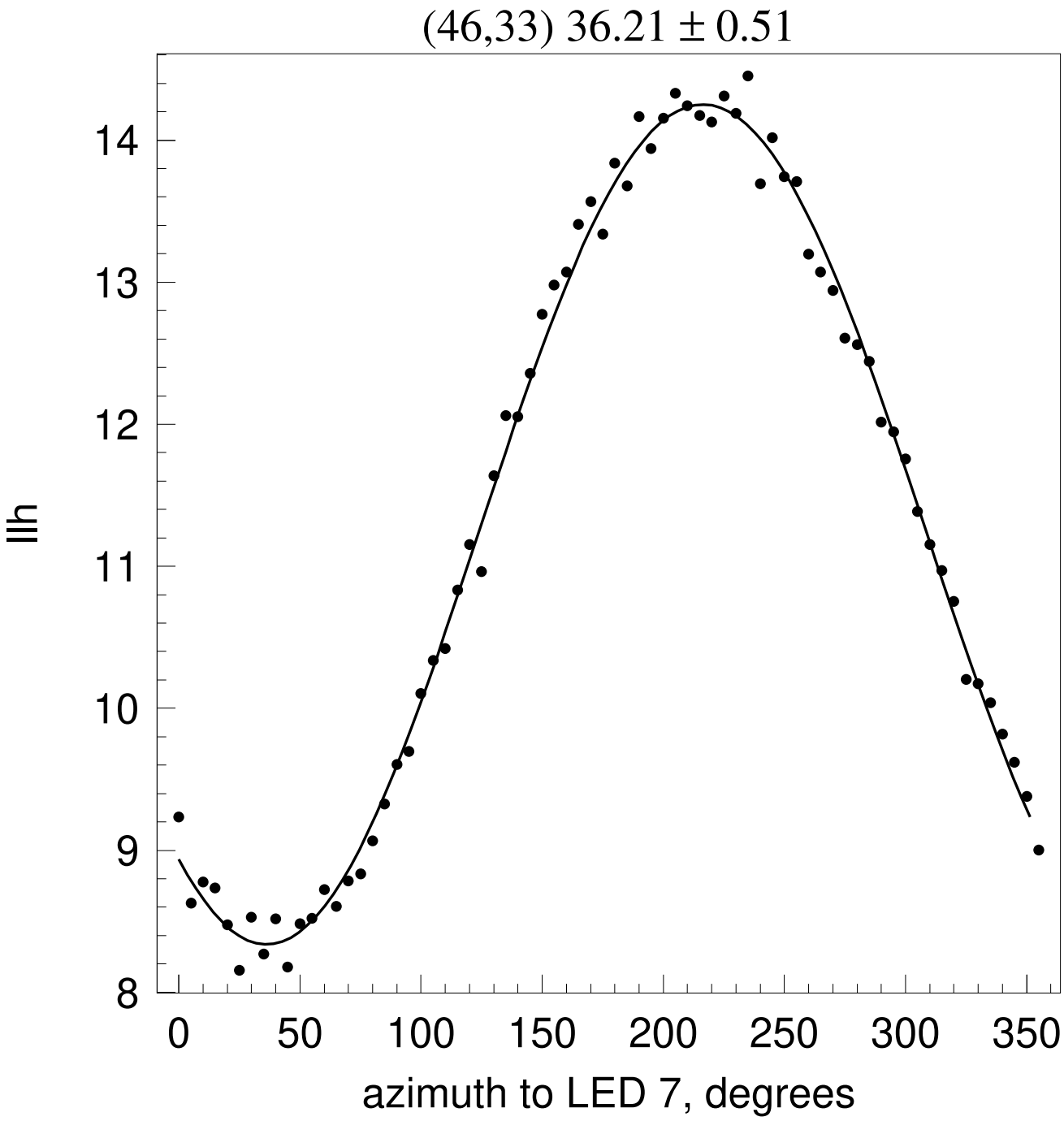

(46,28) 187.33 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

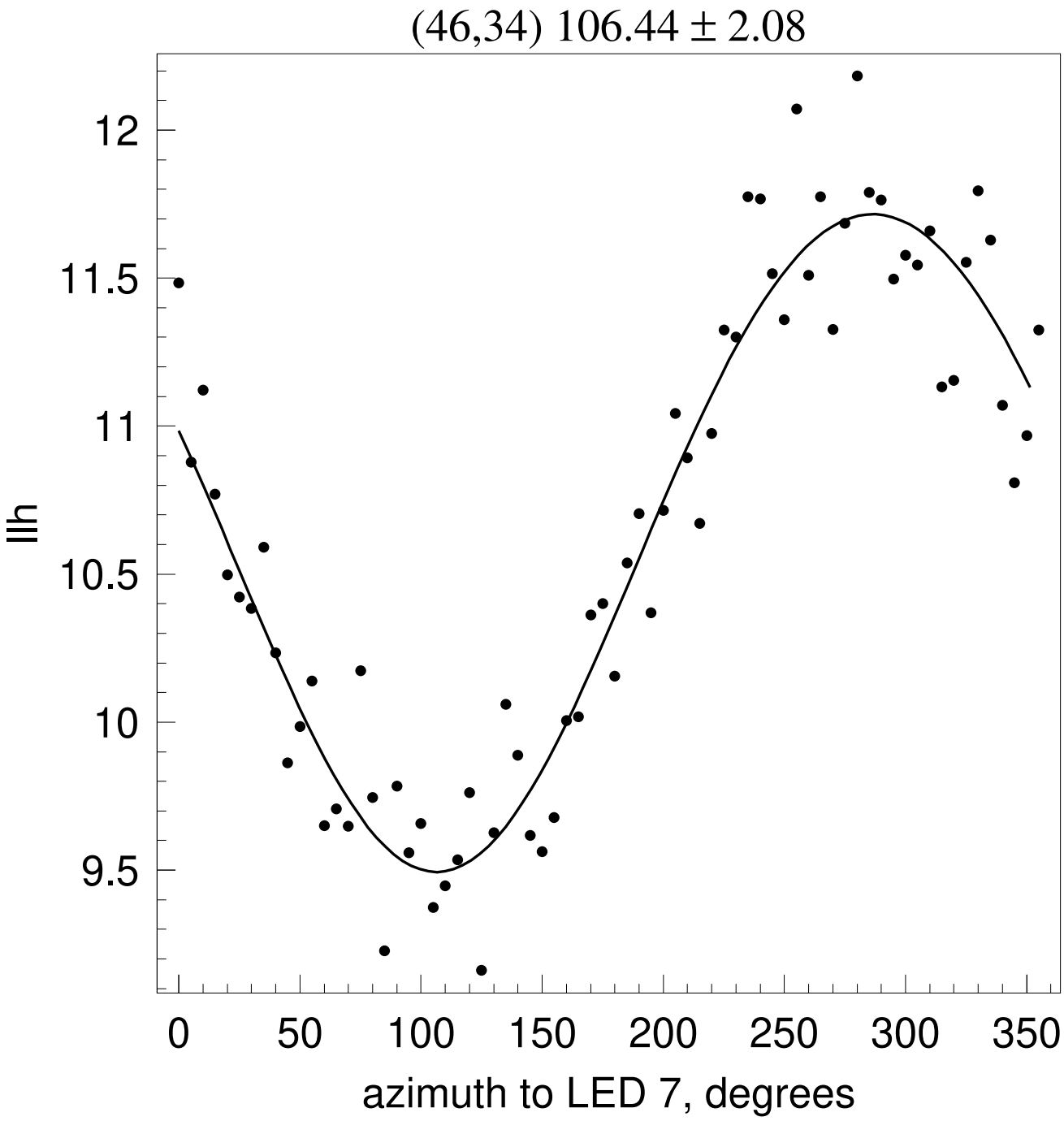

(46,29) 185.39 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

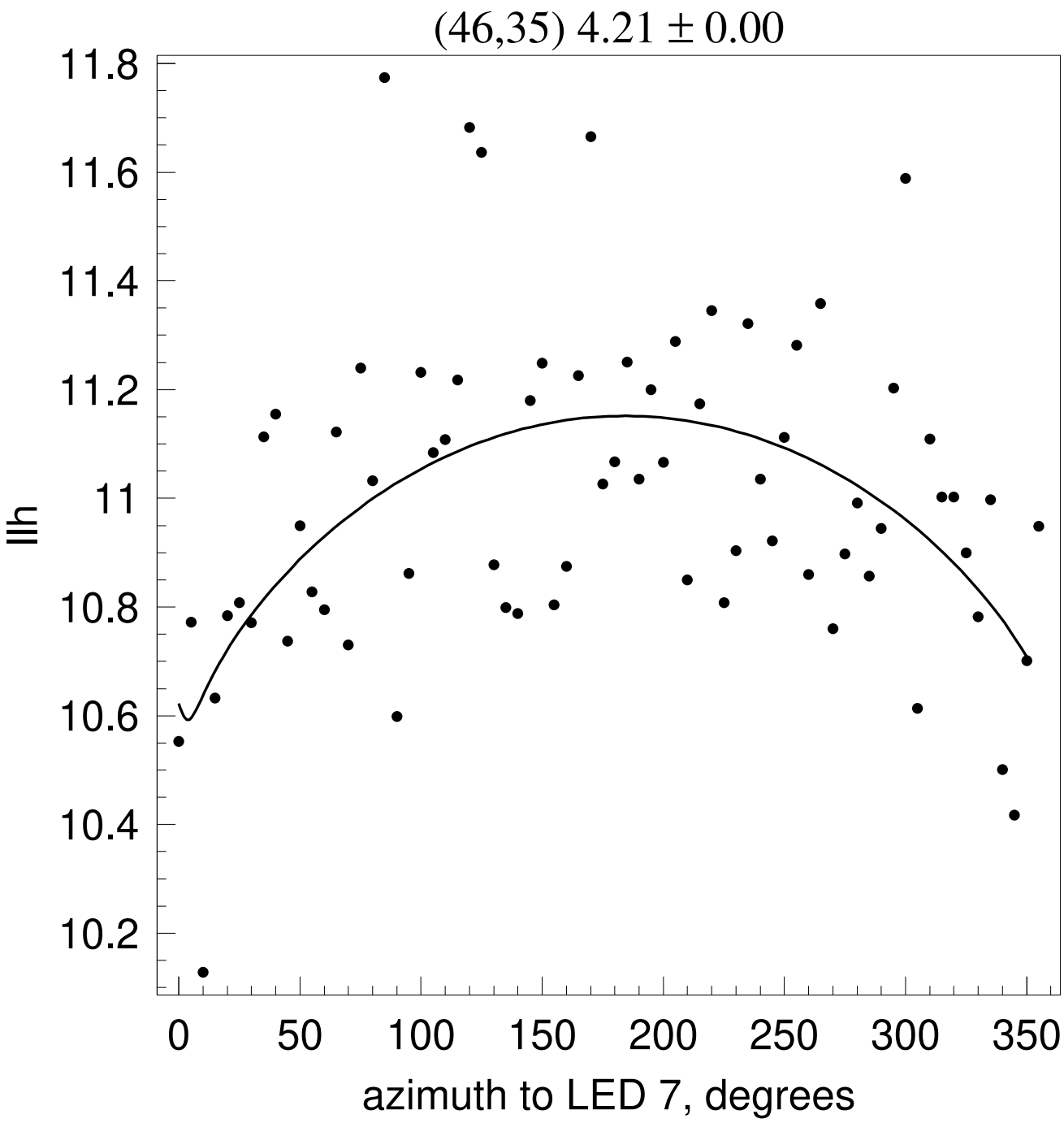

(46,30) 220.73 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

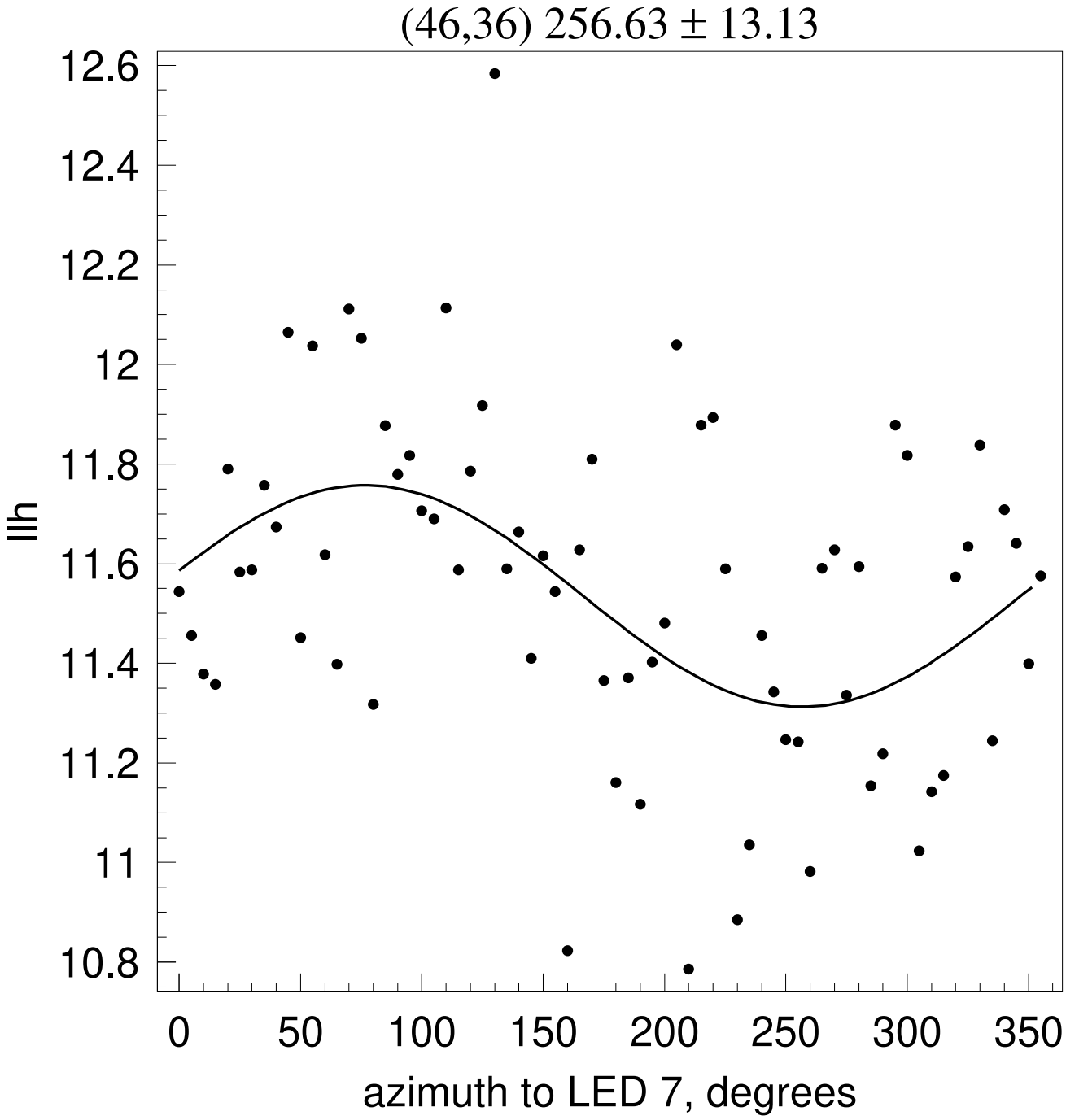

(46,31) 341.52 ± 0.05
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

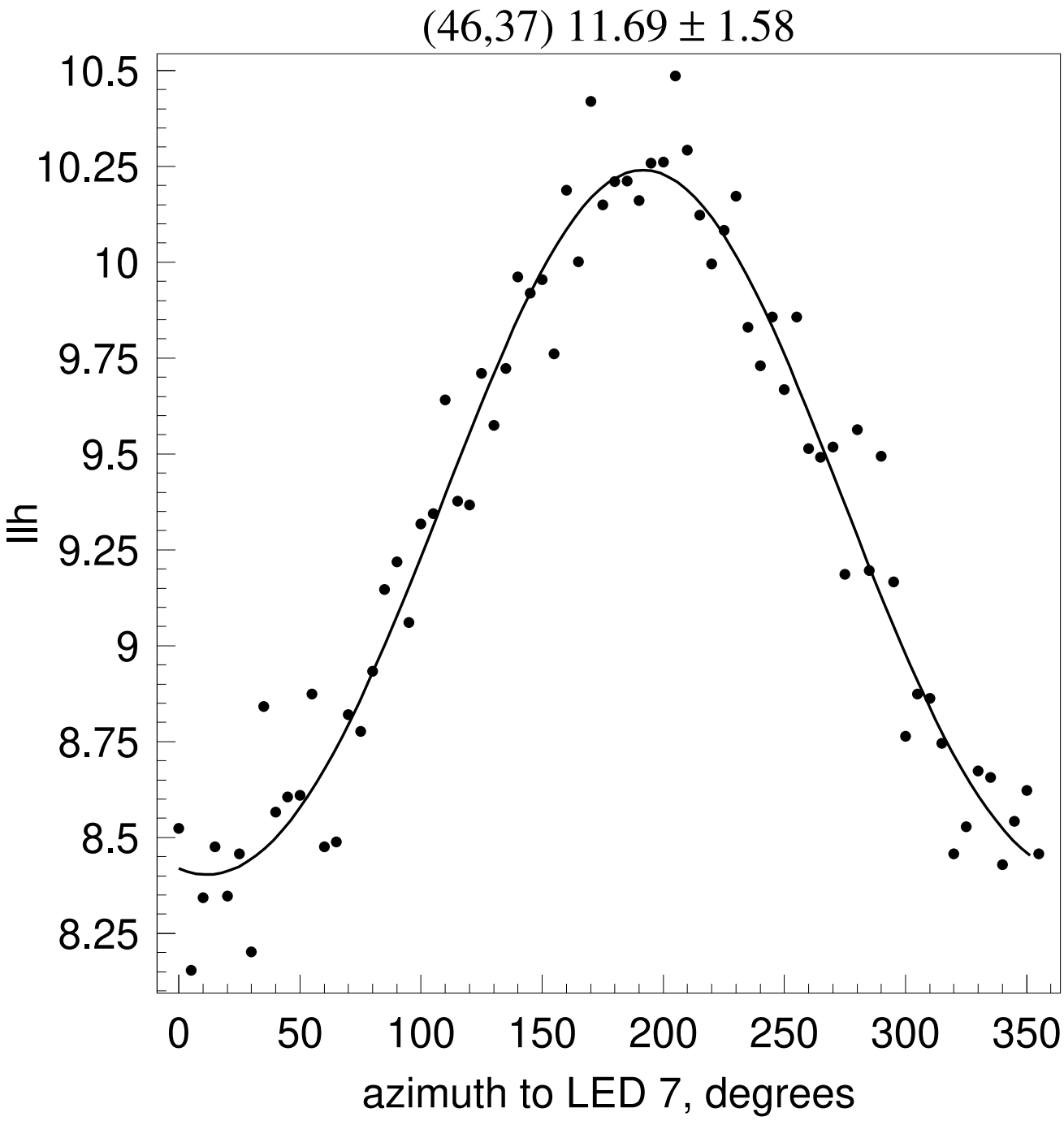

(46,32) 25.20 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

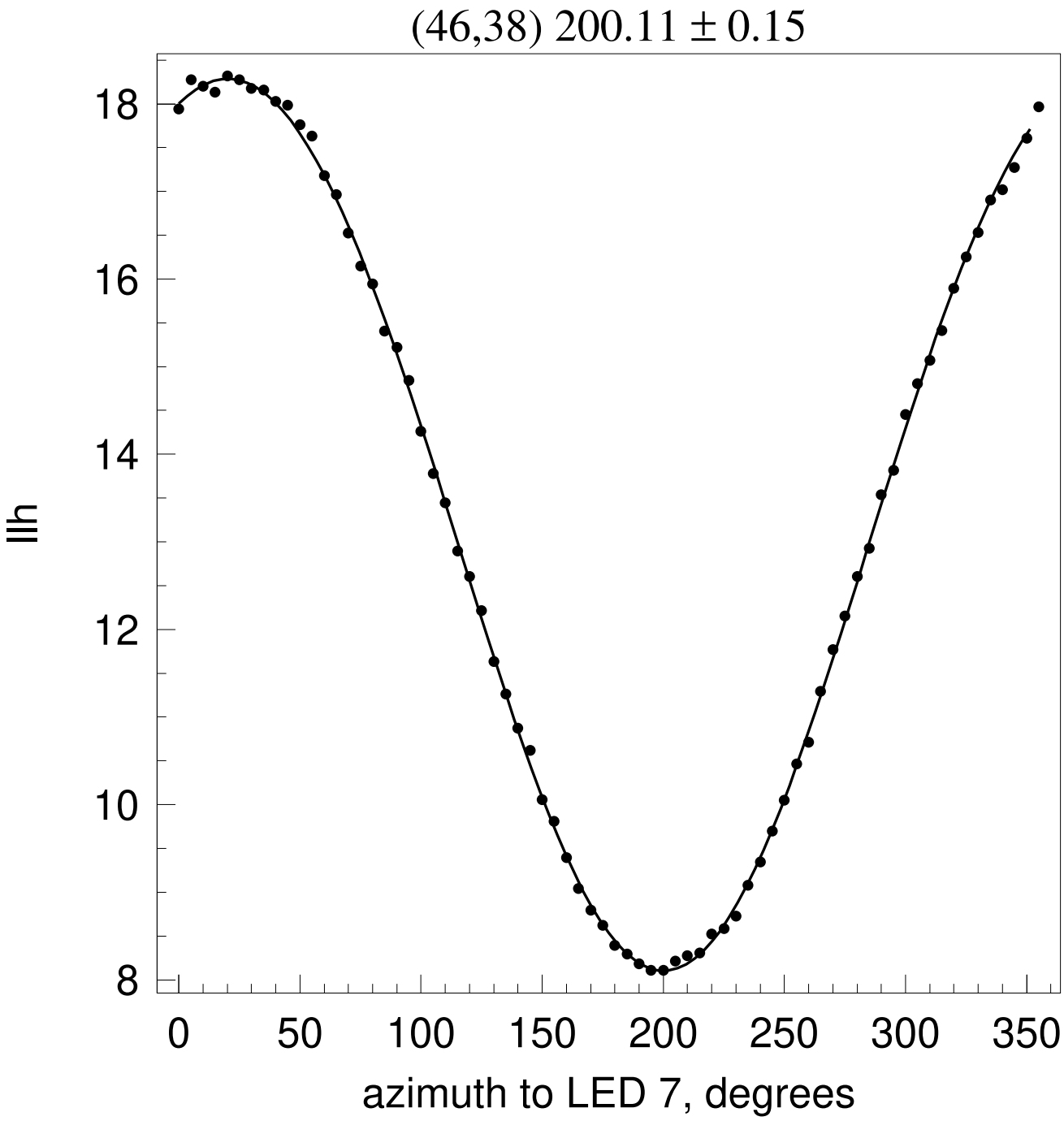

(46,33) 36.21 ± 0.51
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

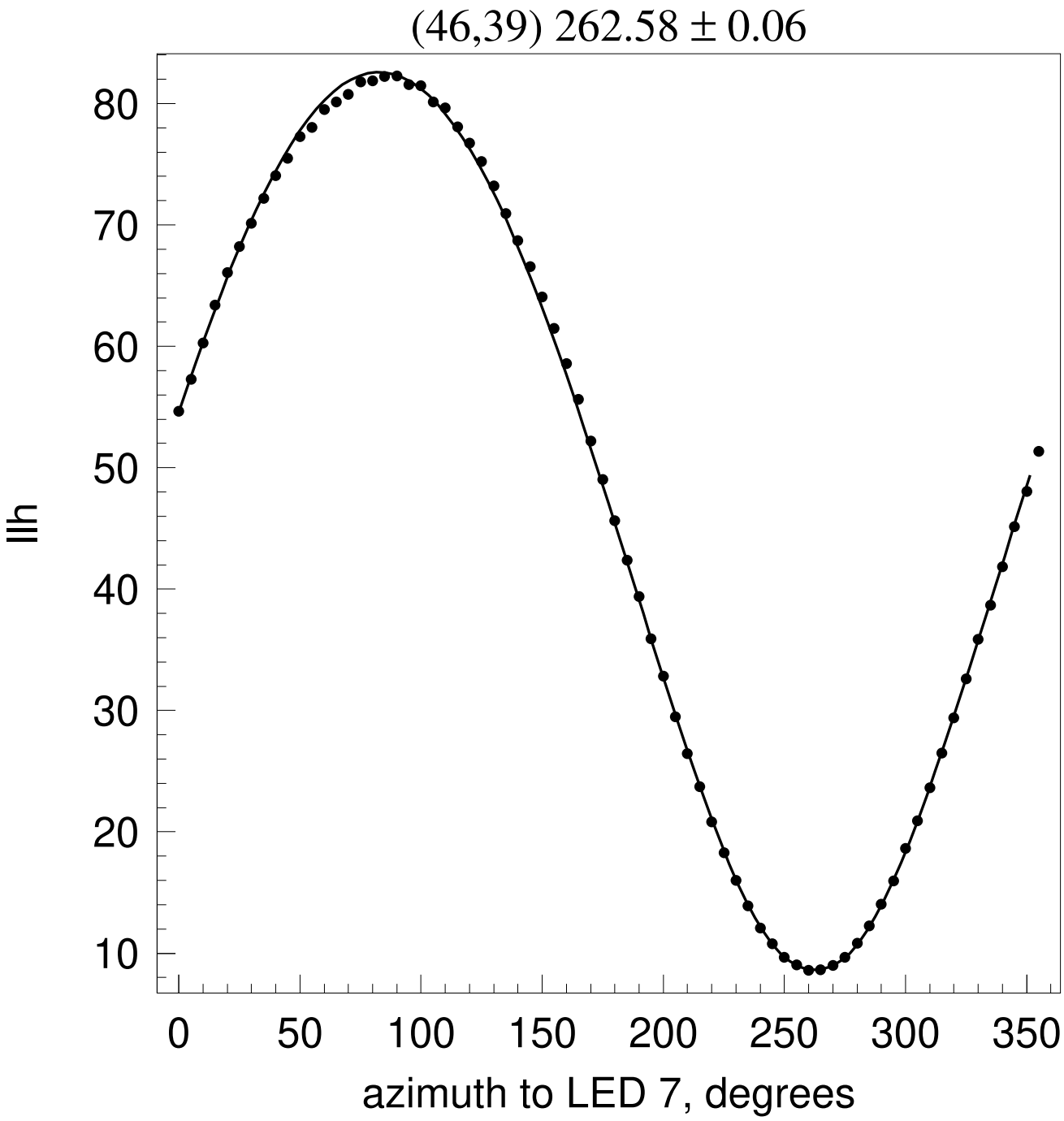

(46,34) 106.44 ± 2.08
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

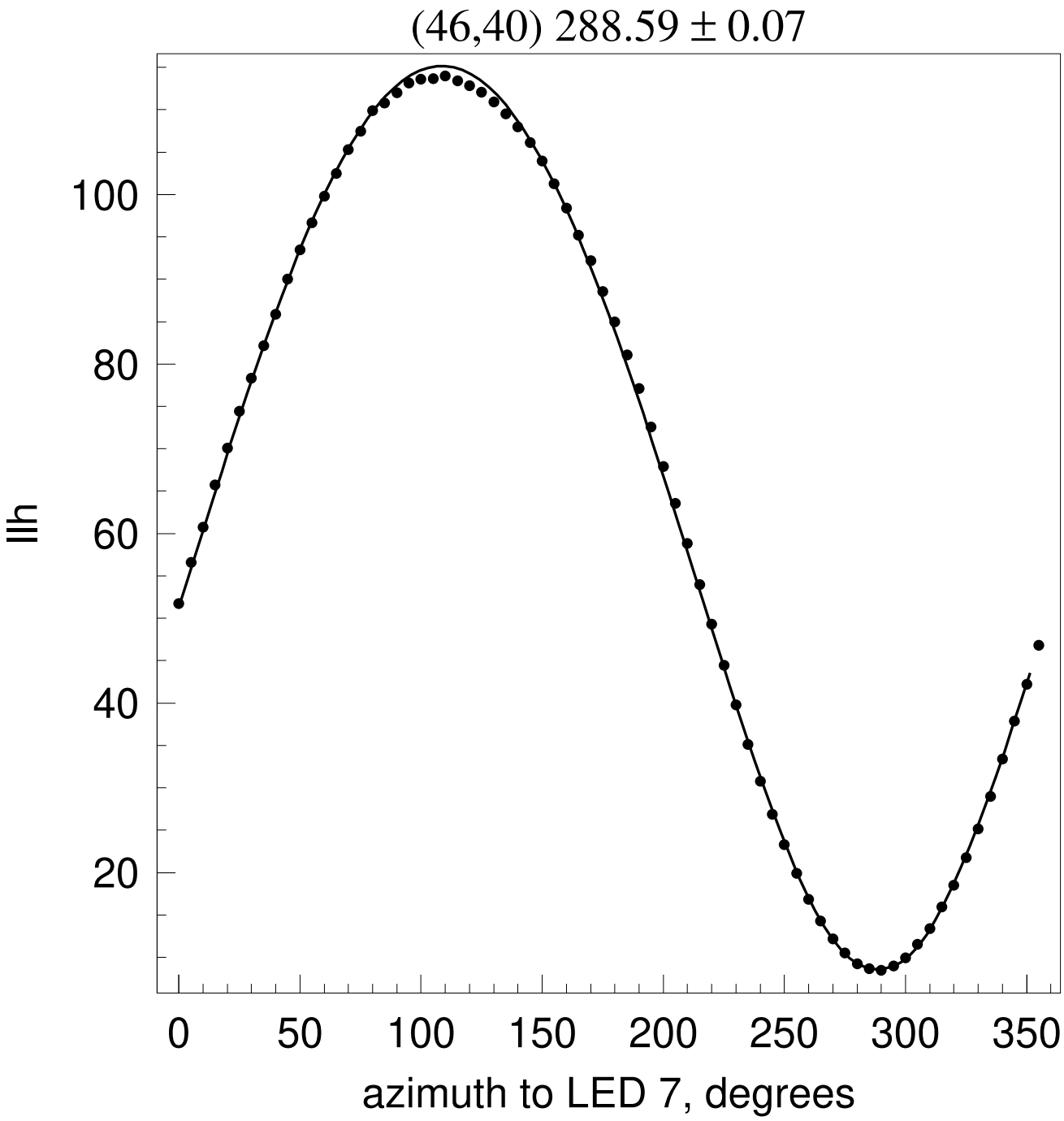

(46,35) 4.21 ± 0.00
11.8
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

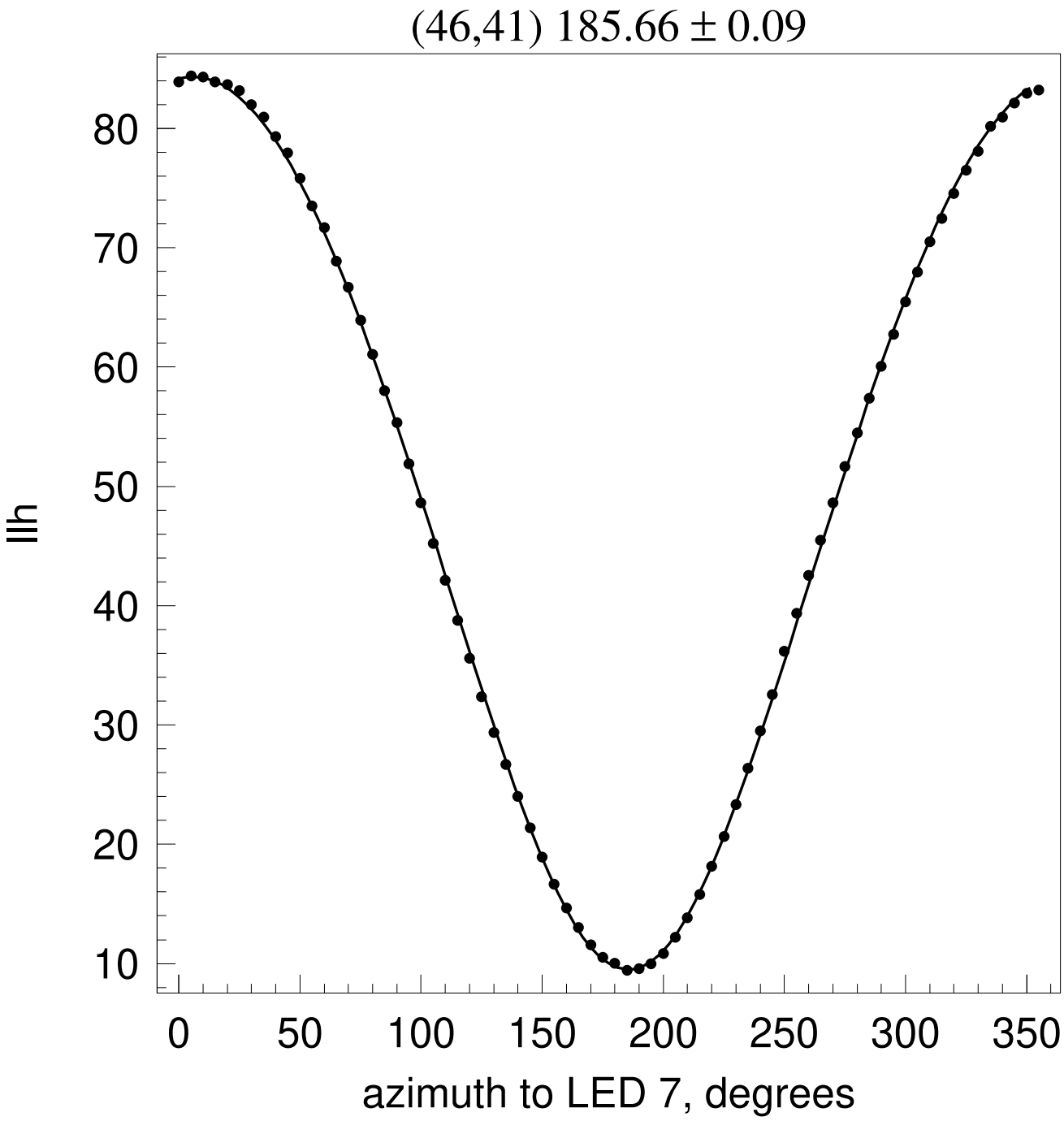

(46,36) 256.63 ± 13.13
12.6
12.4
12.2
12
11.8
11.6
11.4
11.2
11
10.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

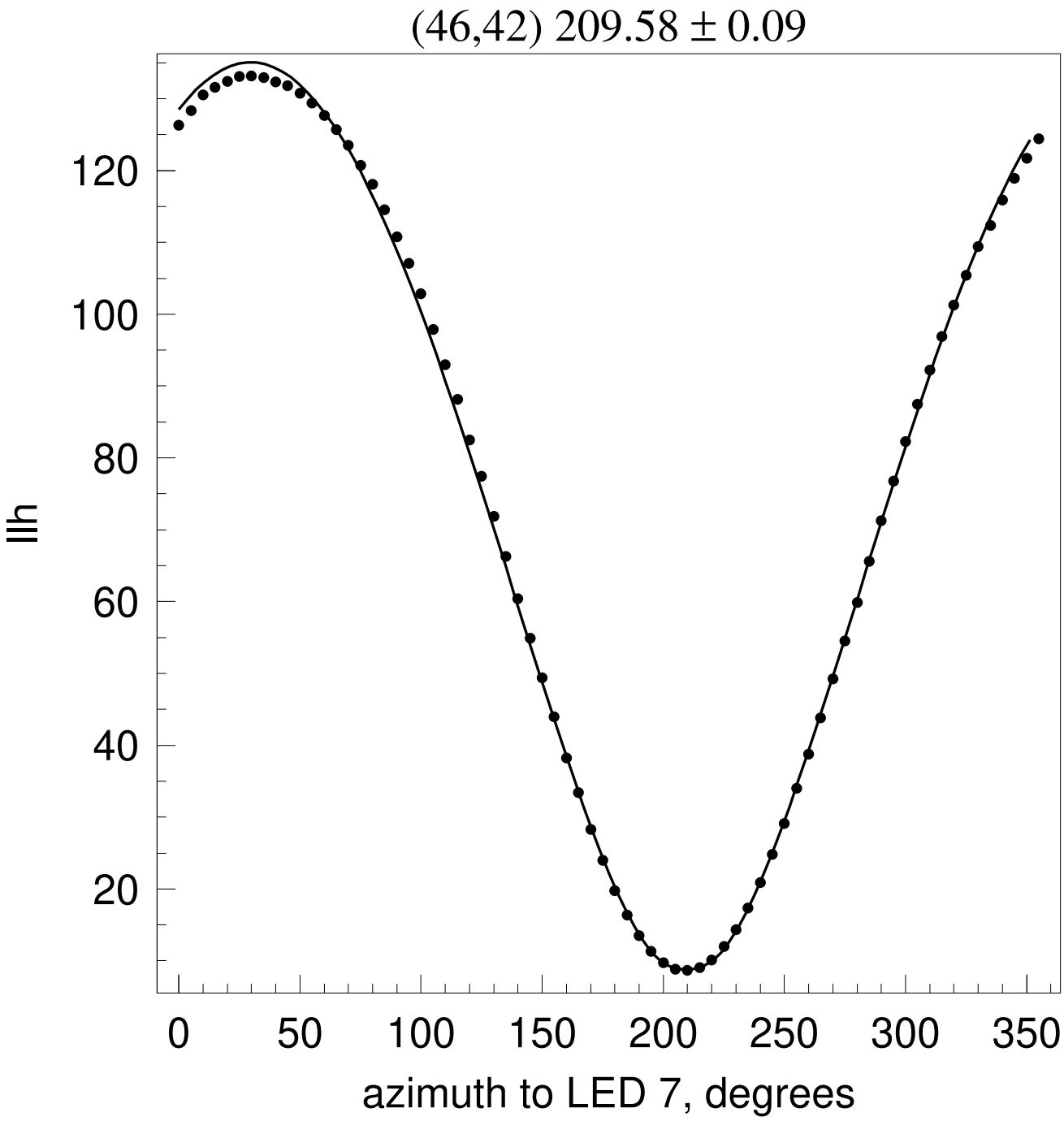

(46,37) 11.69 ± 1.58
10.5
10.25
10
9.75
9.5
9.25
9
8.75
8.5
8.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

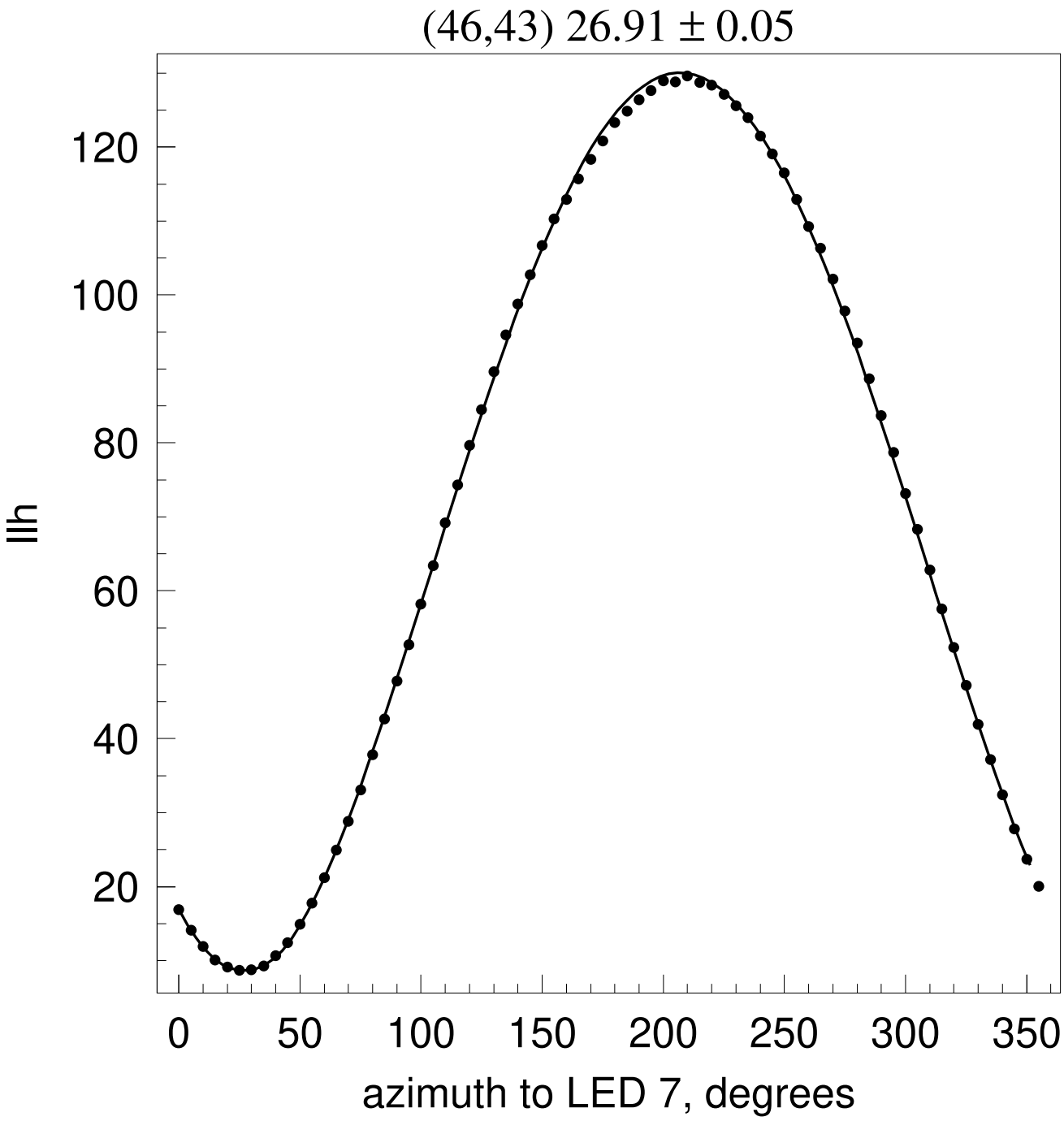

(46,38) 200.11 ± 0.15
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

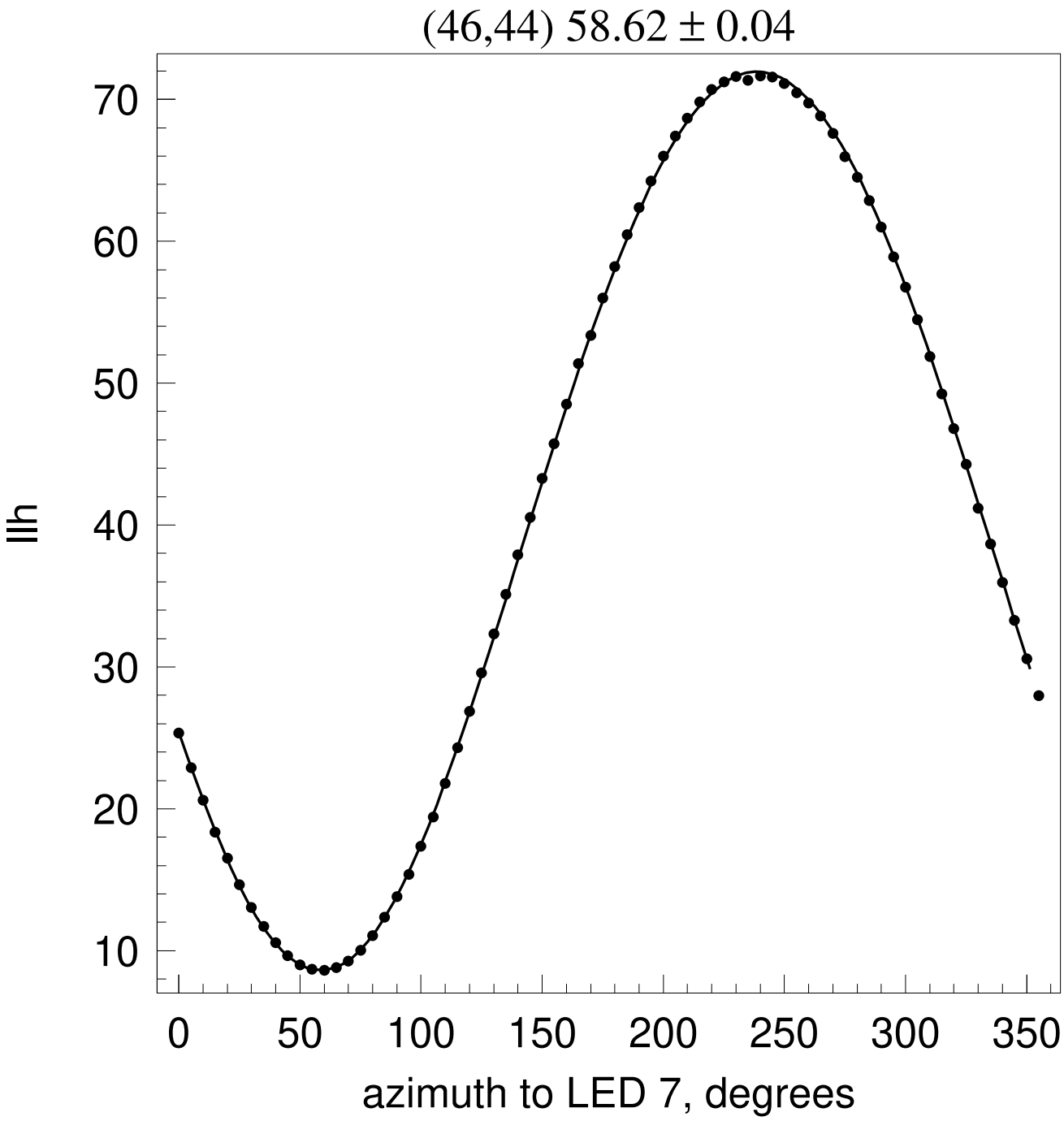

(46,39) 262.58 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

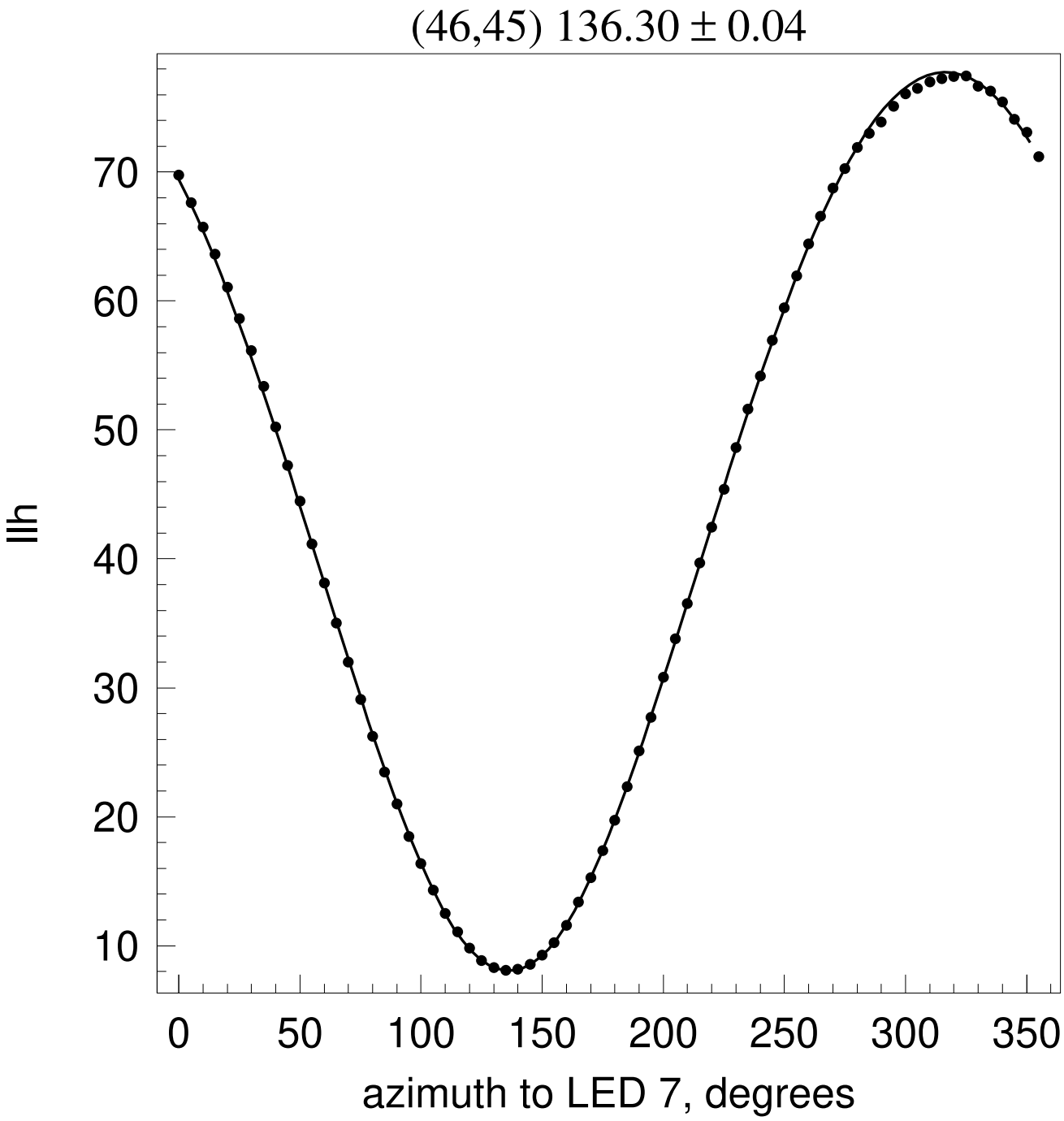

(46,40) 288.59 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

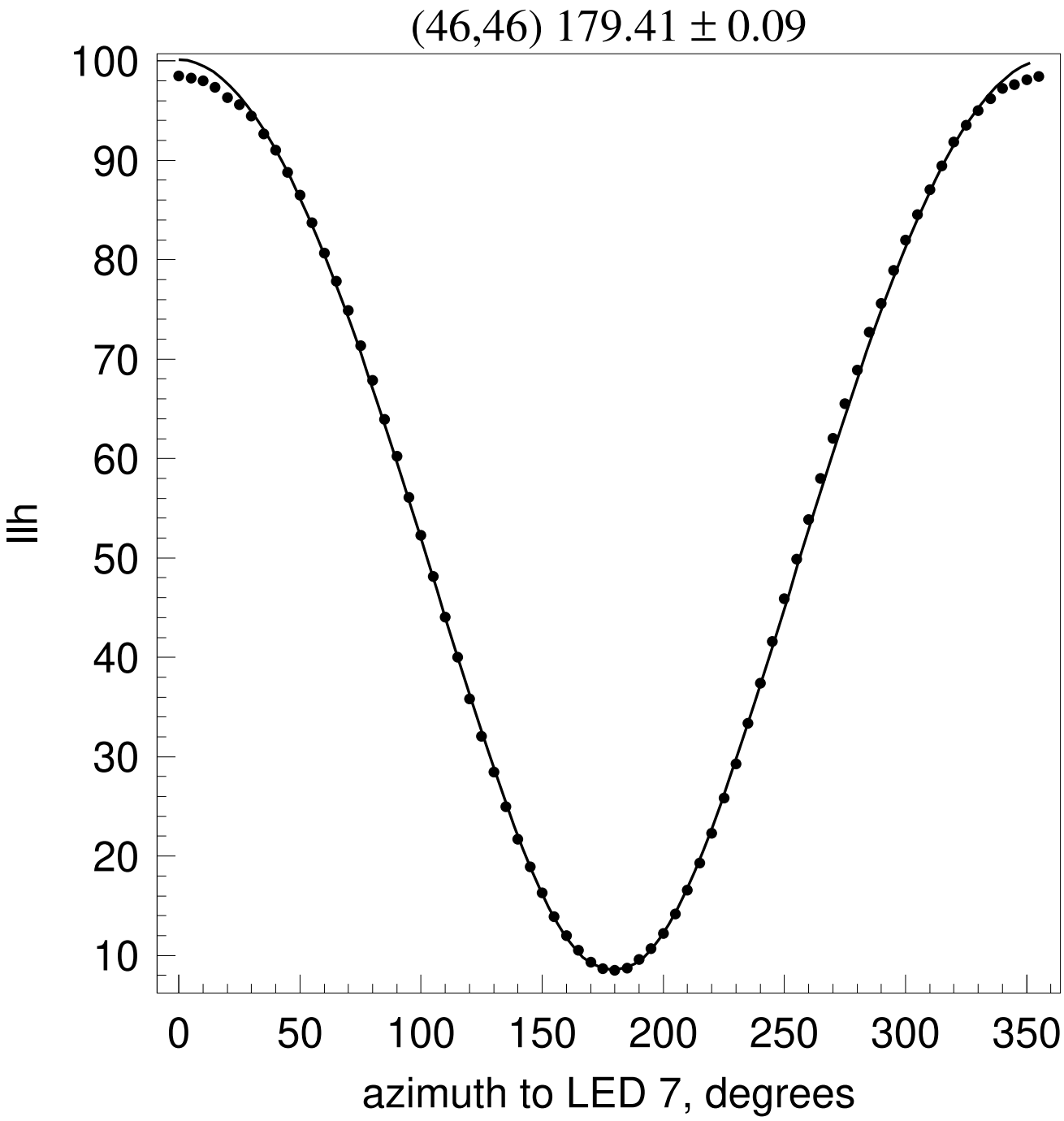

(46,41) 185.66 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

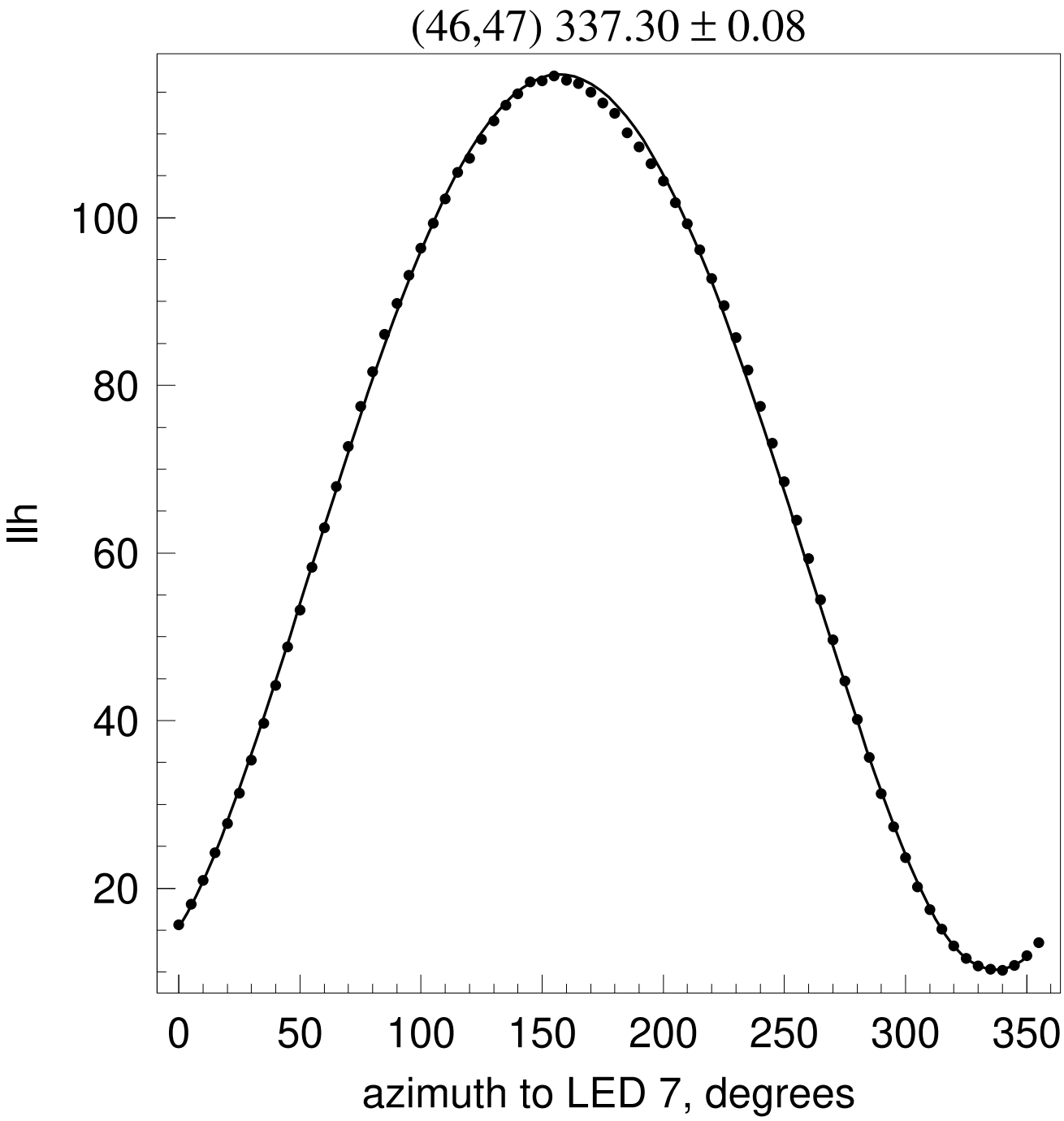

(46,42) 209.58 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

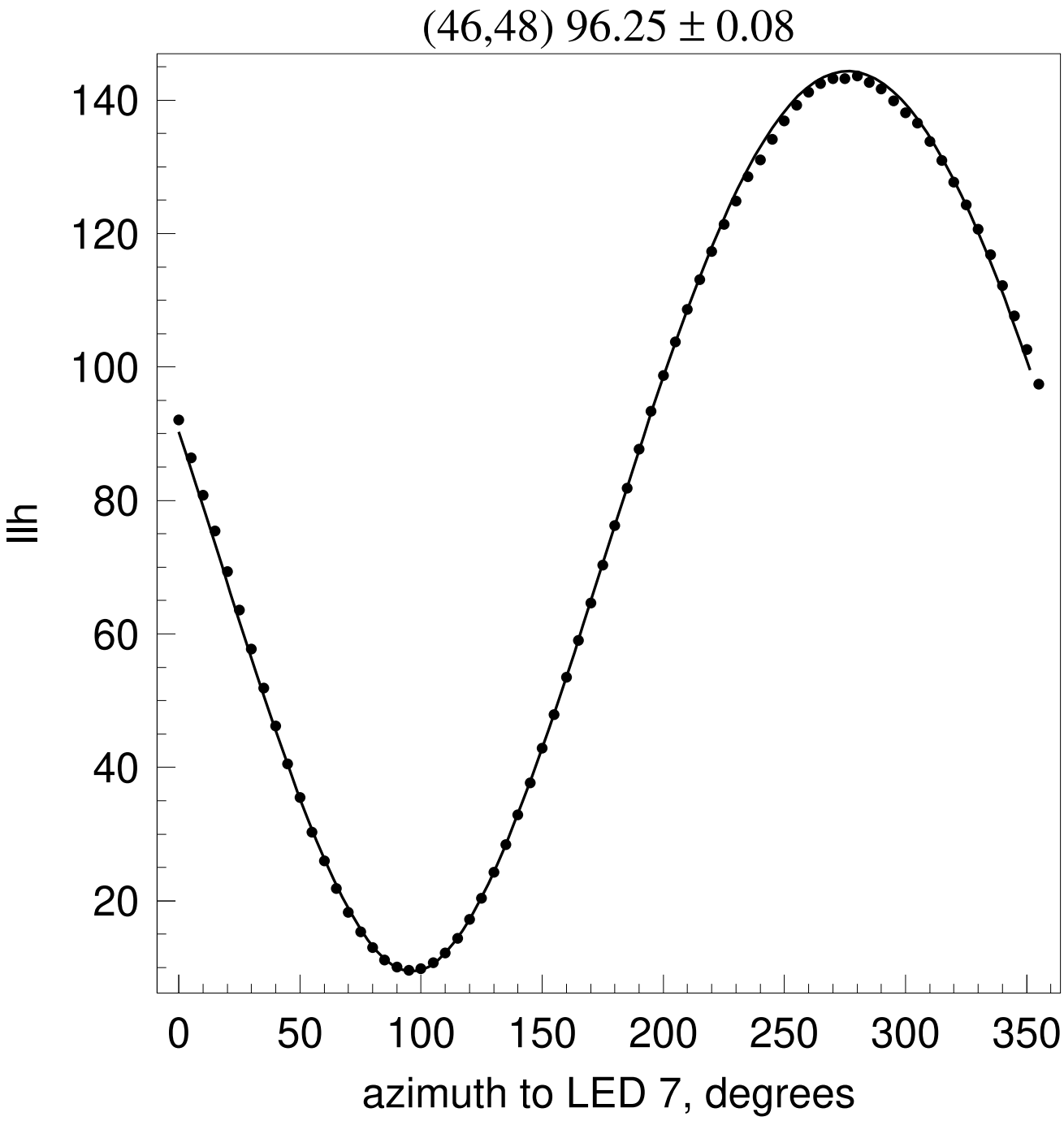

(46,43) 26.91 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

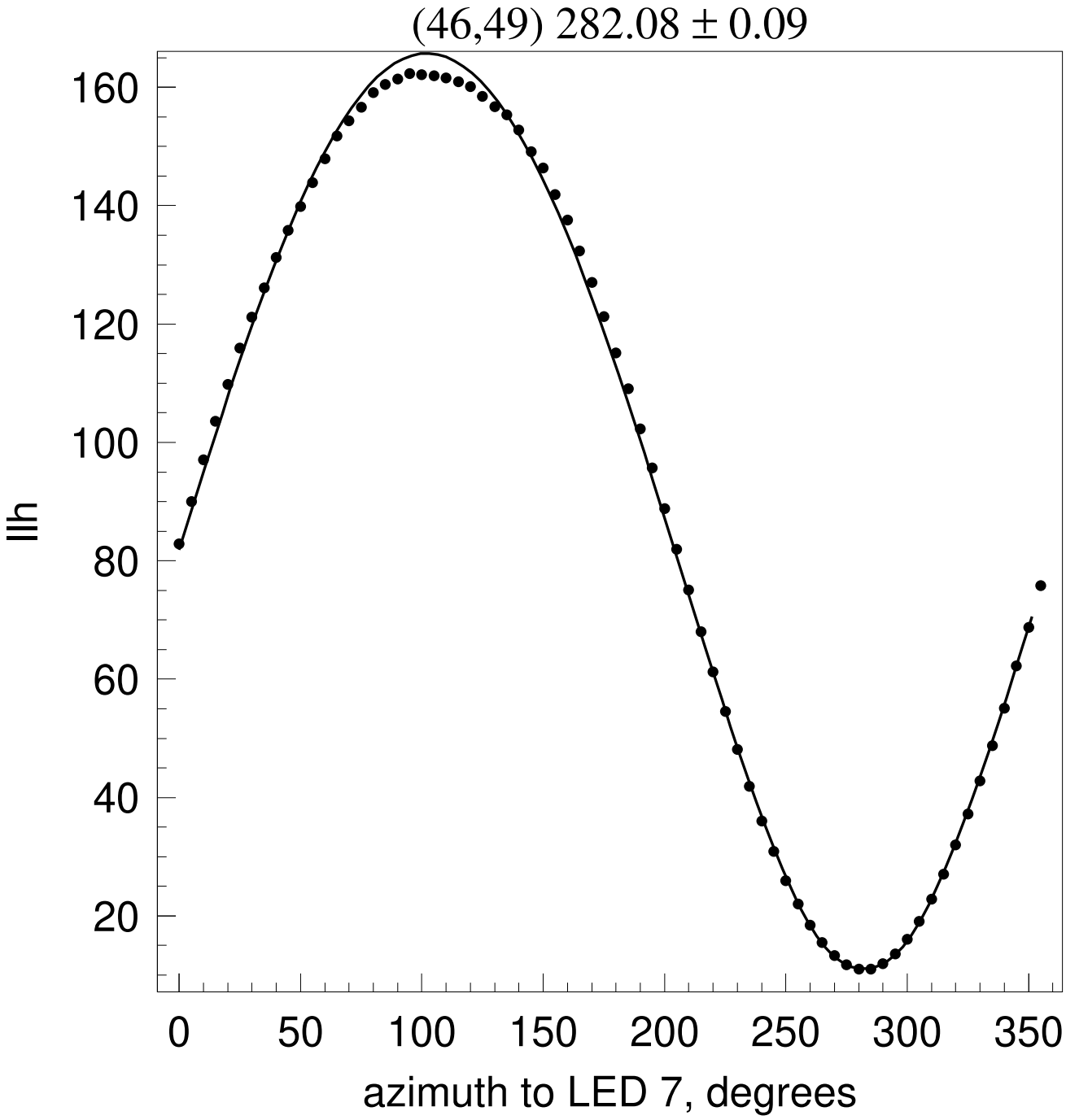

(46,44) 58.62 ± 0.04
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

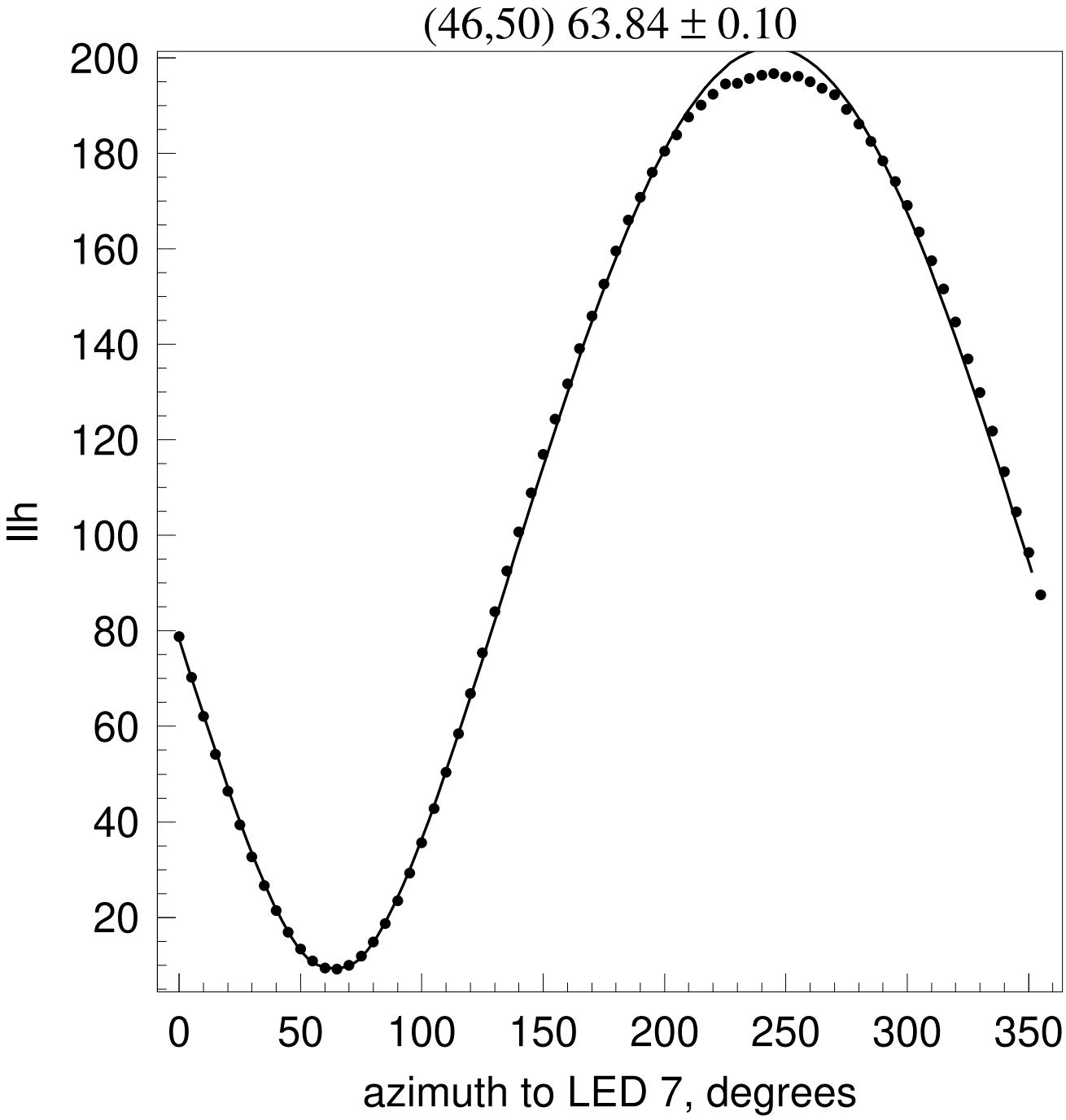

(46,45) 136.30 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

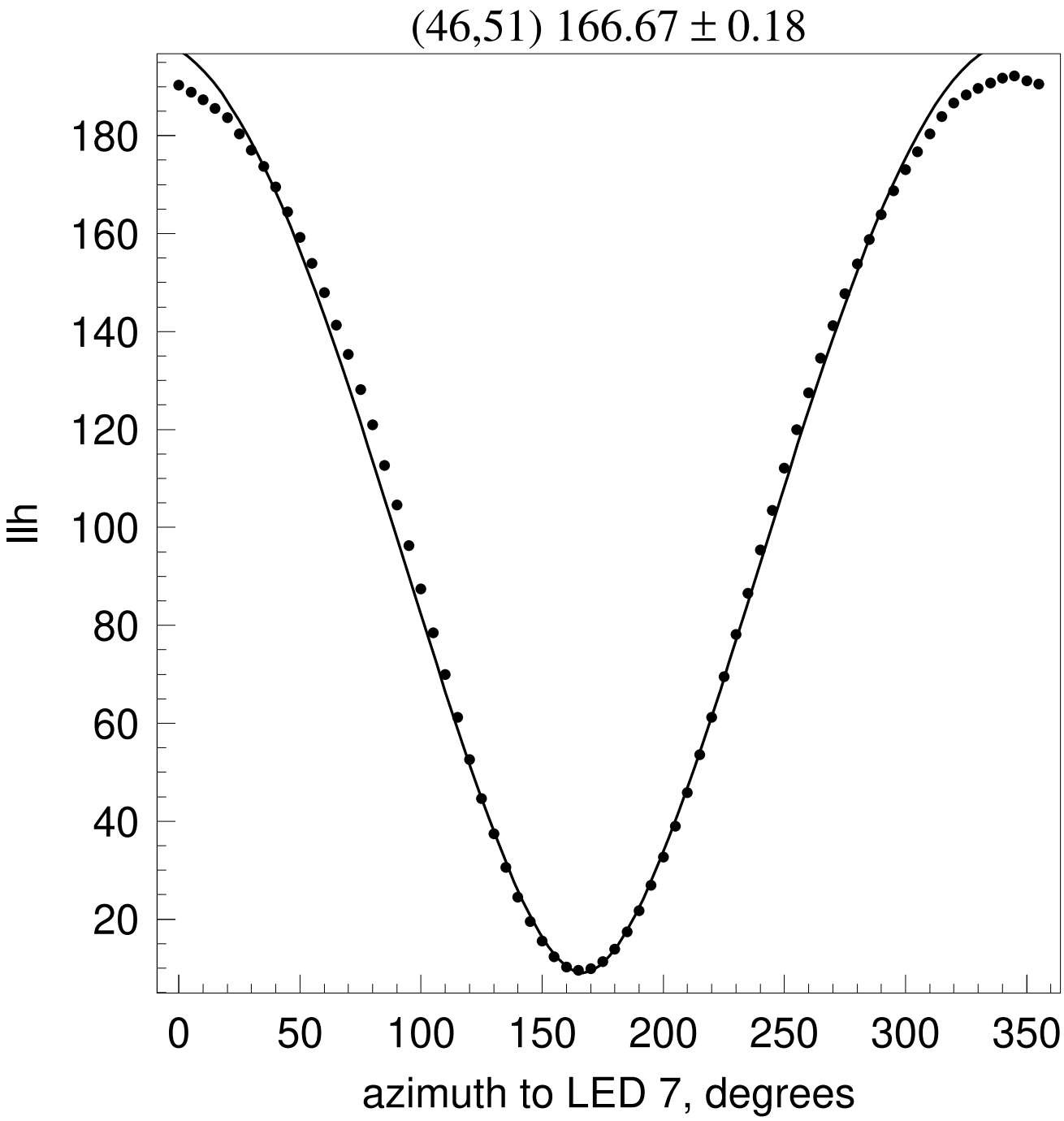

(46,46) 179.41 ± 0.09
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

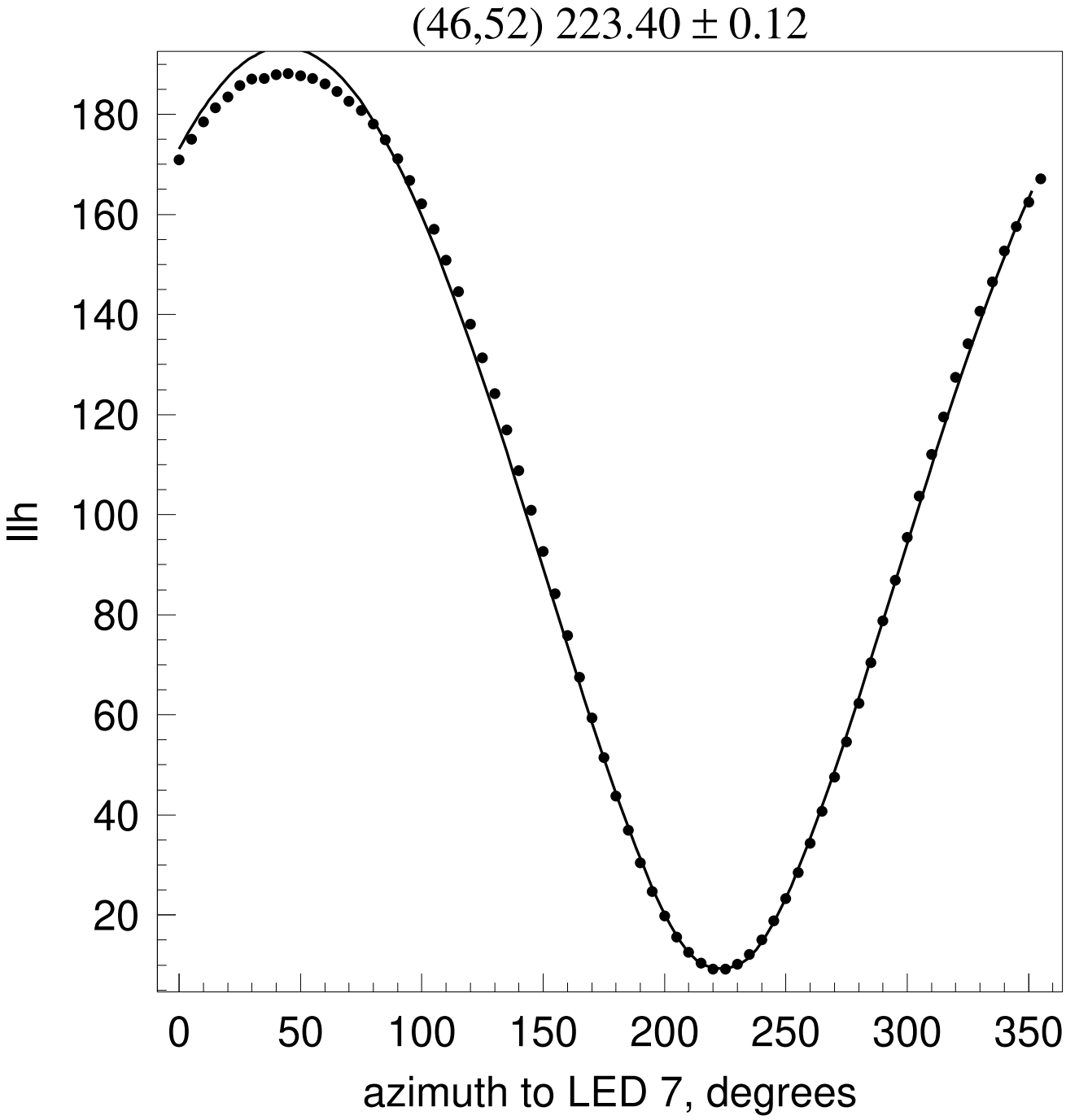

(46,47) 337.30 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

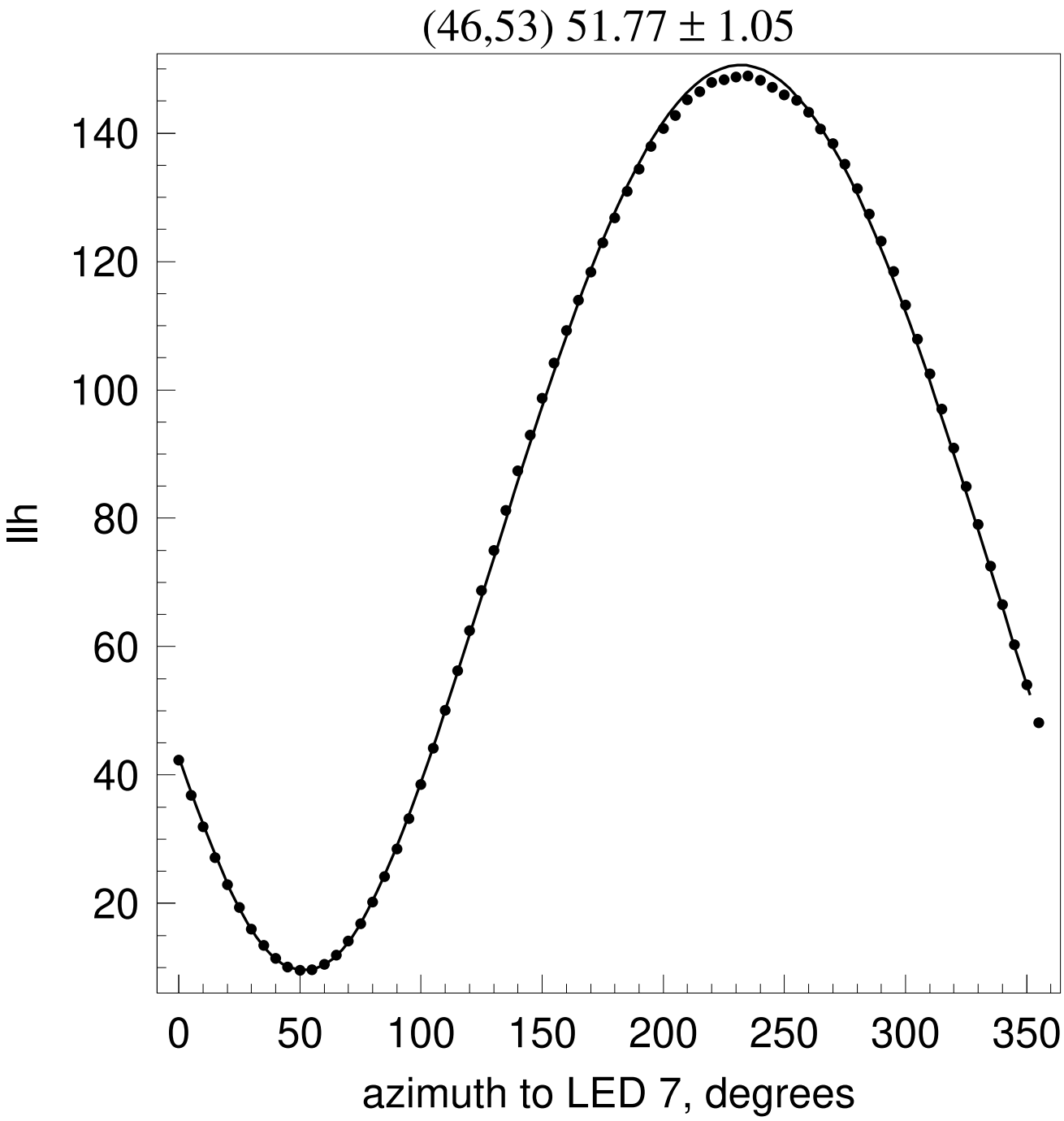

(46,48) 96.25 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

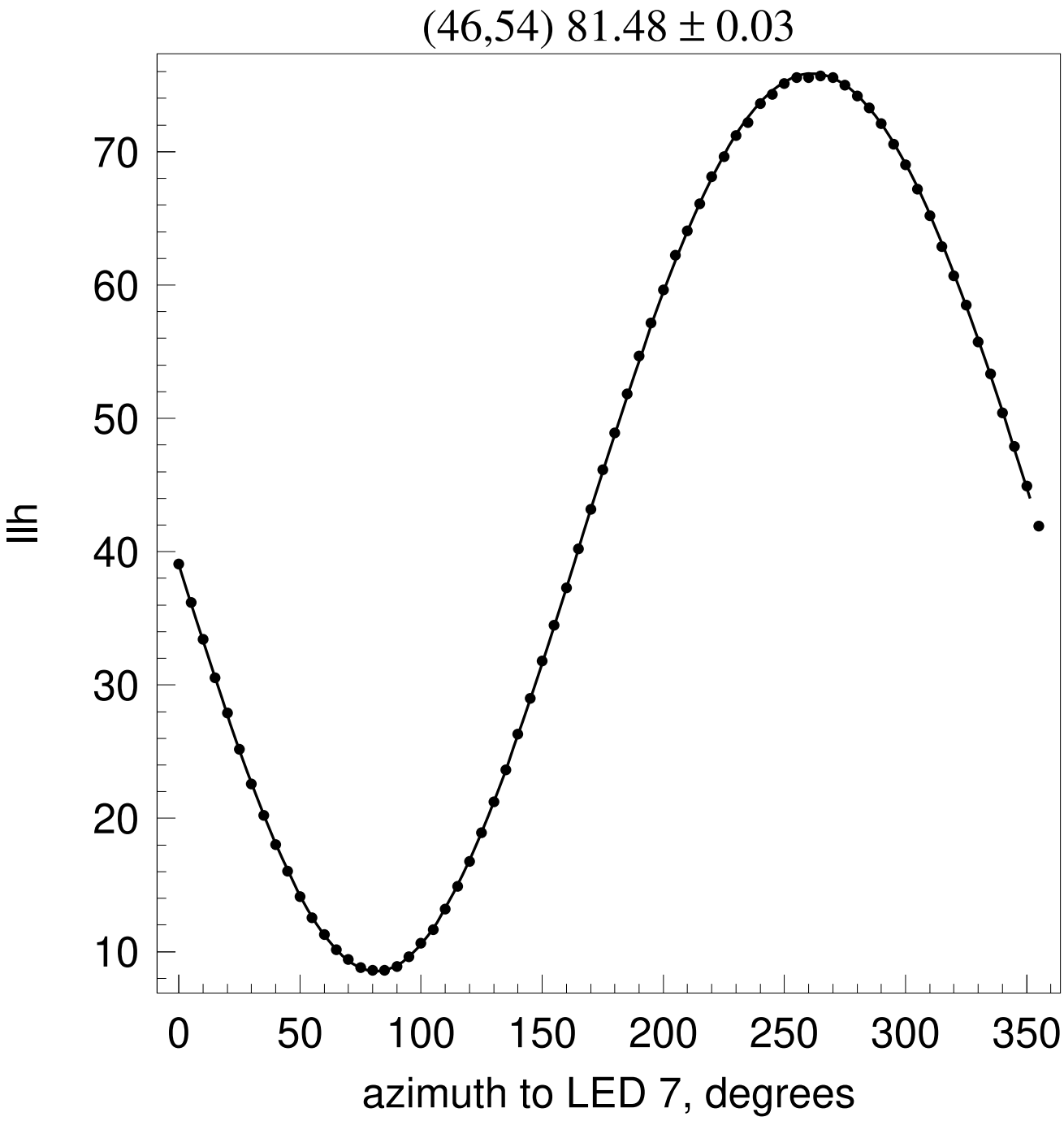

(46,49) 282.08 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

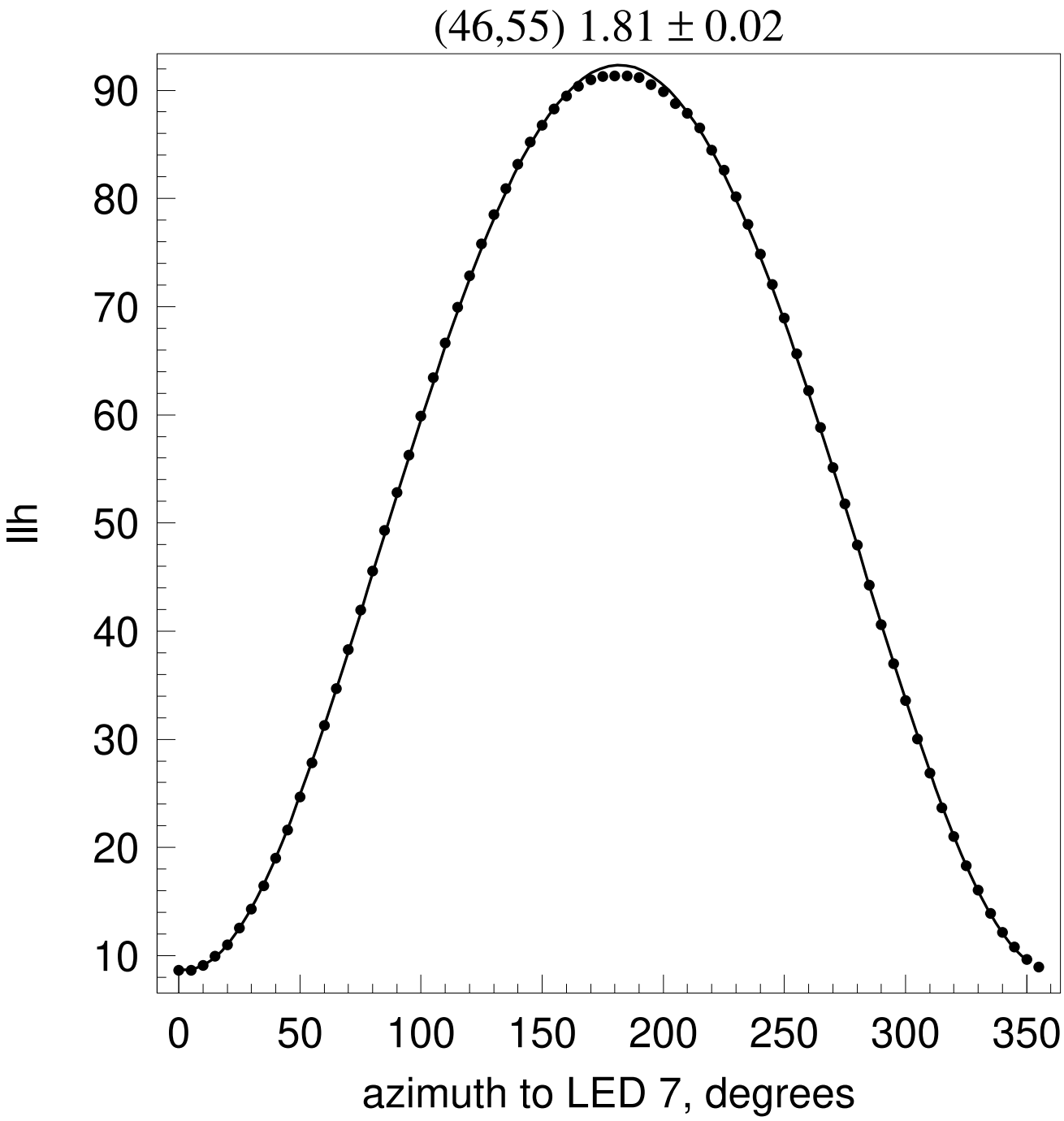

(46,50) 63.84 ± 0.10
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

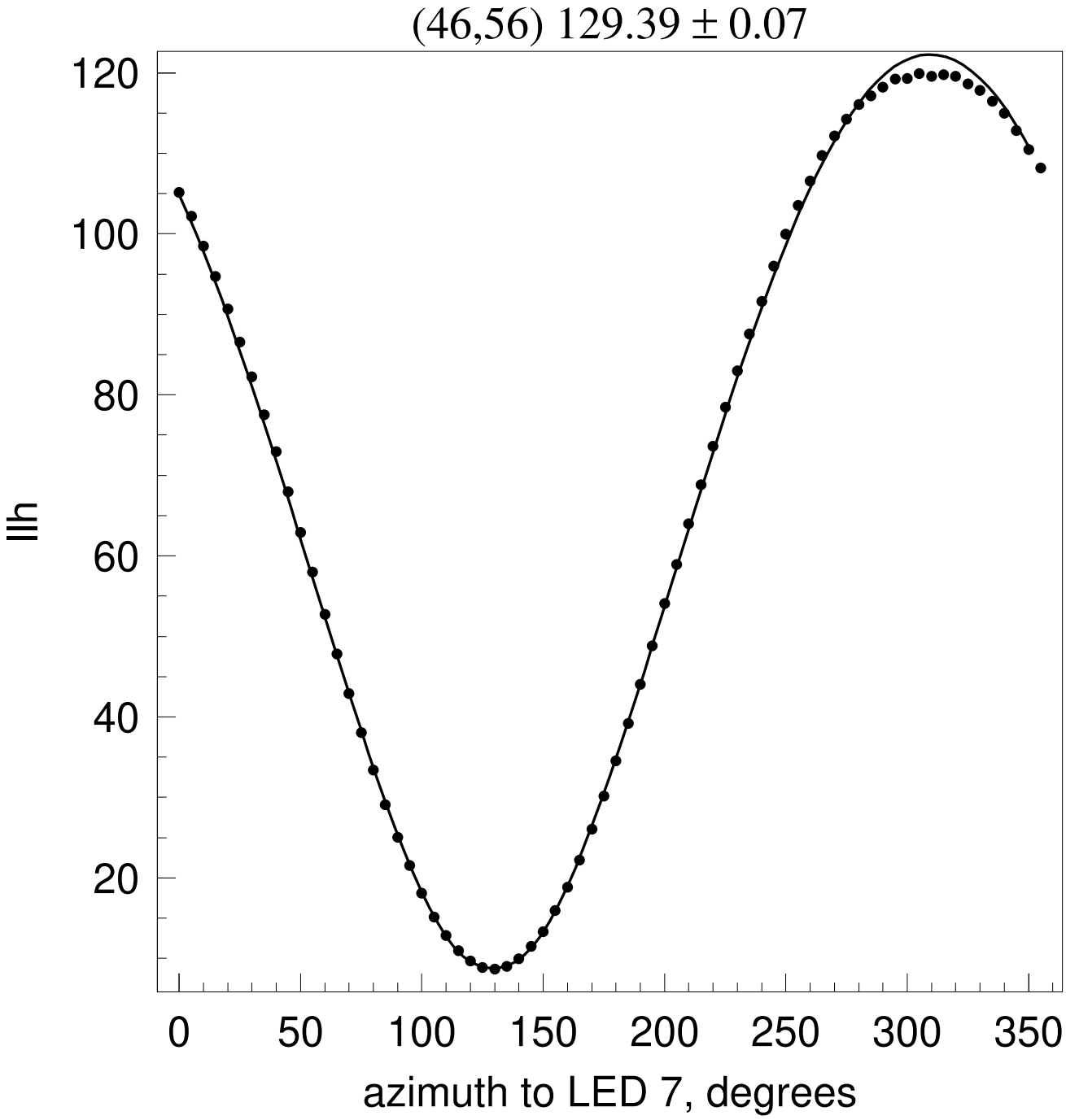

(46,51) 166.67 ± 0.18
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

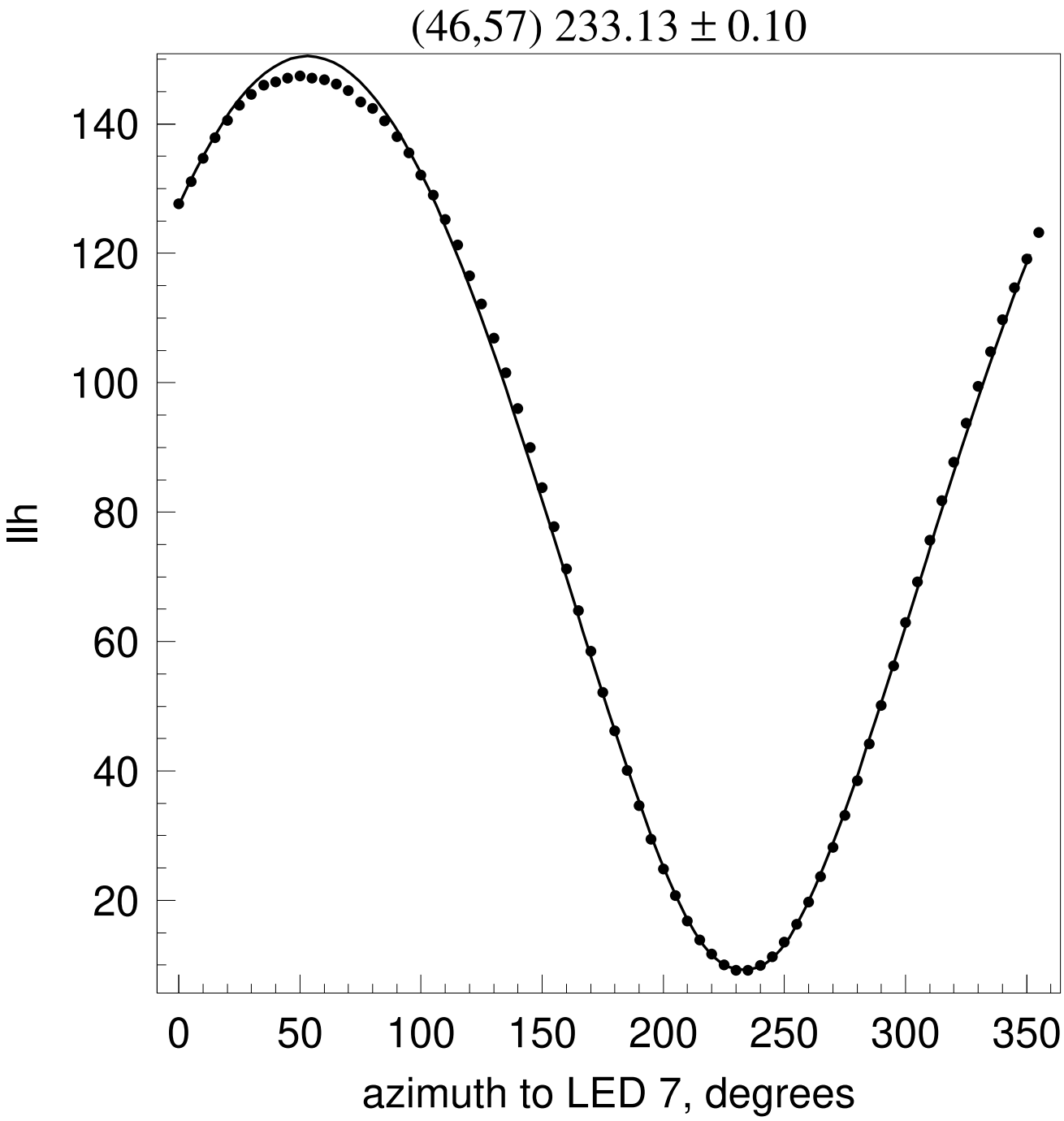

(46,52) 223.40 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

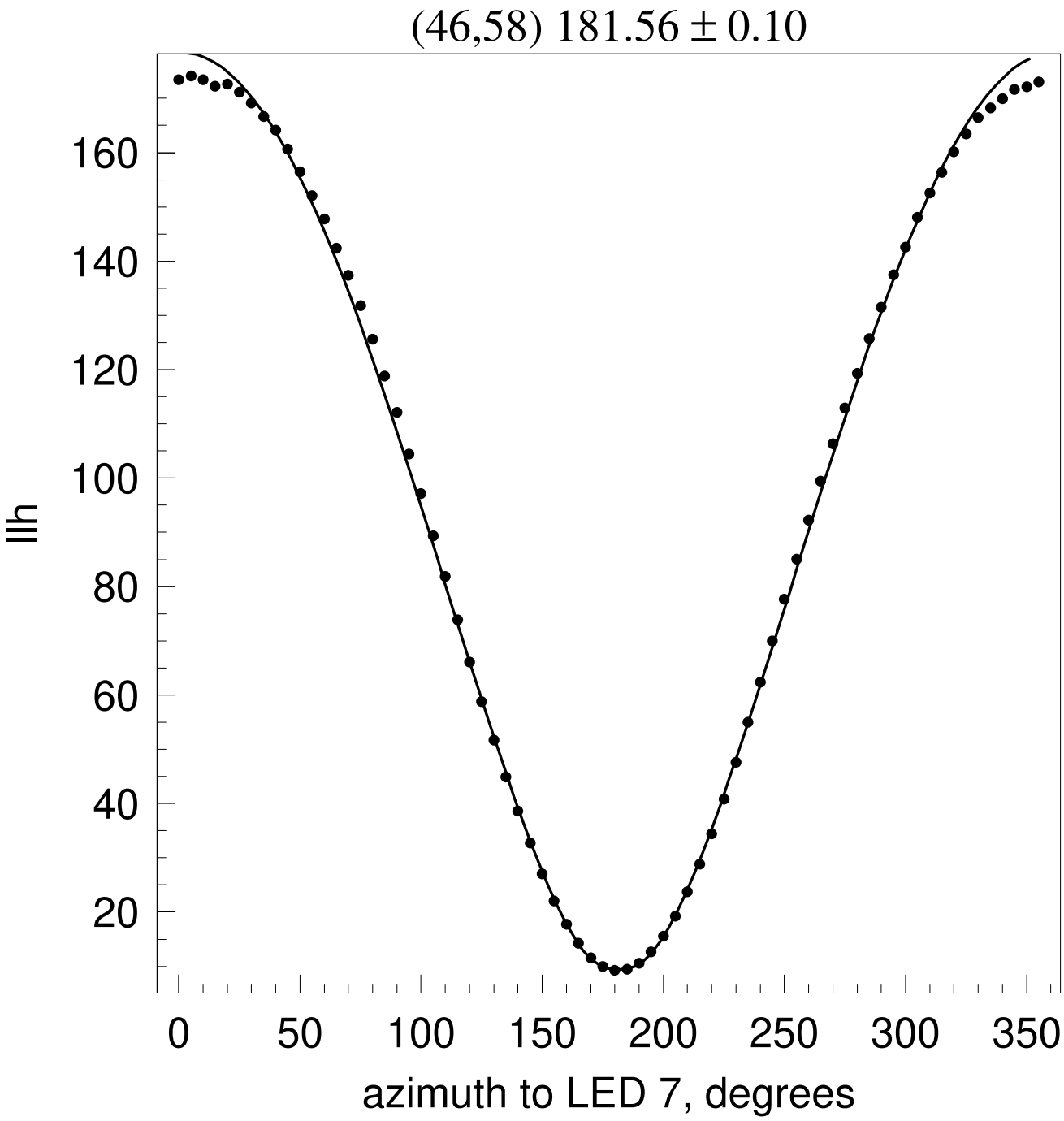

(46,53) 51.77 ± 1.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

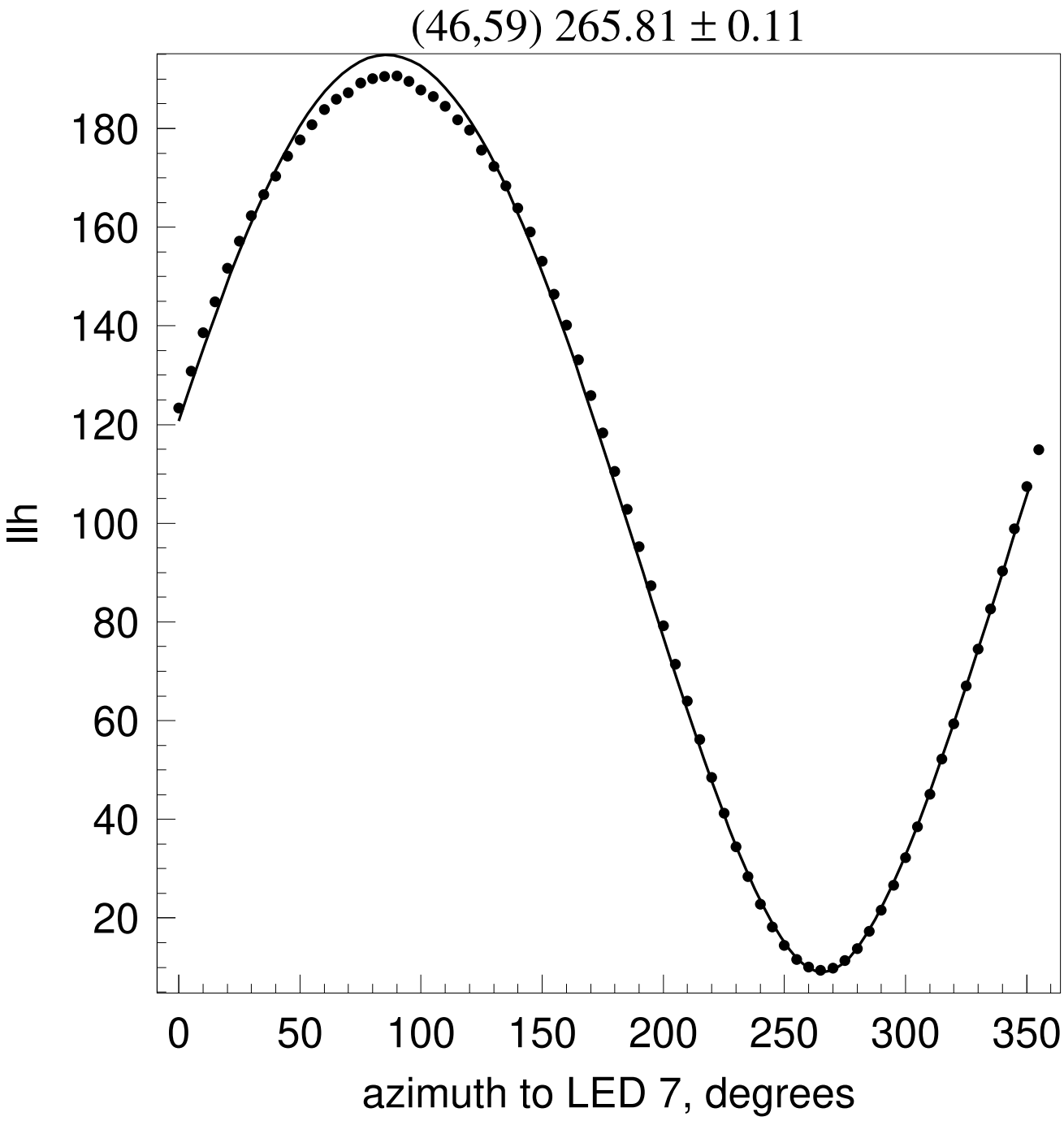

(46,54) 81.48 ± 0.03
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

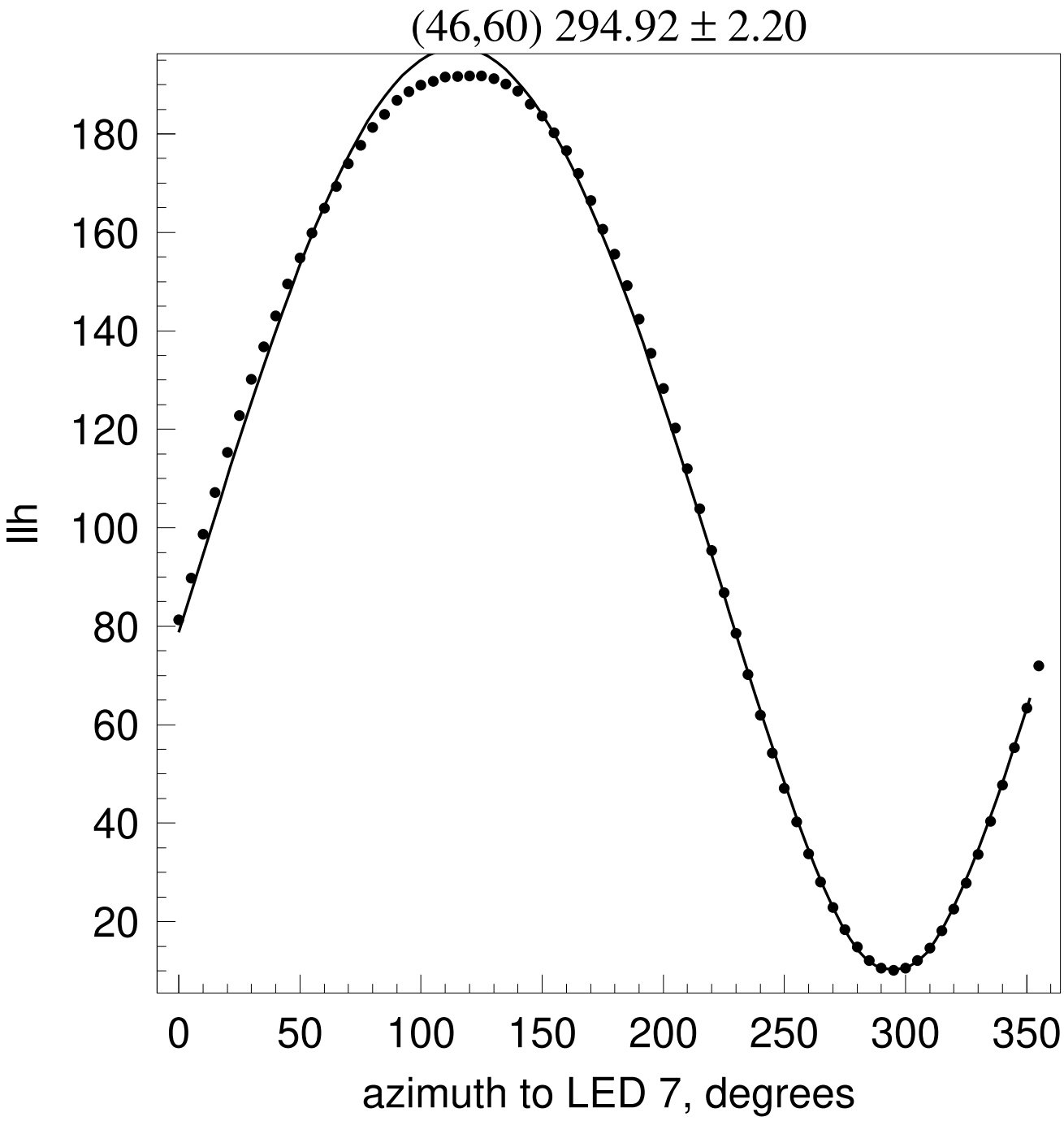

(46,55) 1.81 ± 0.02
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

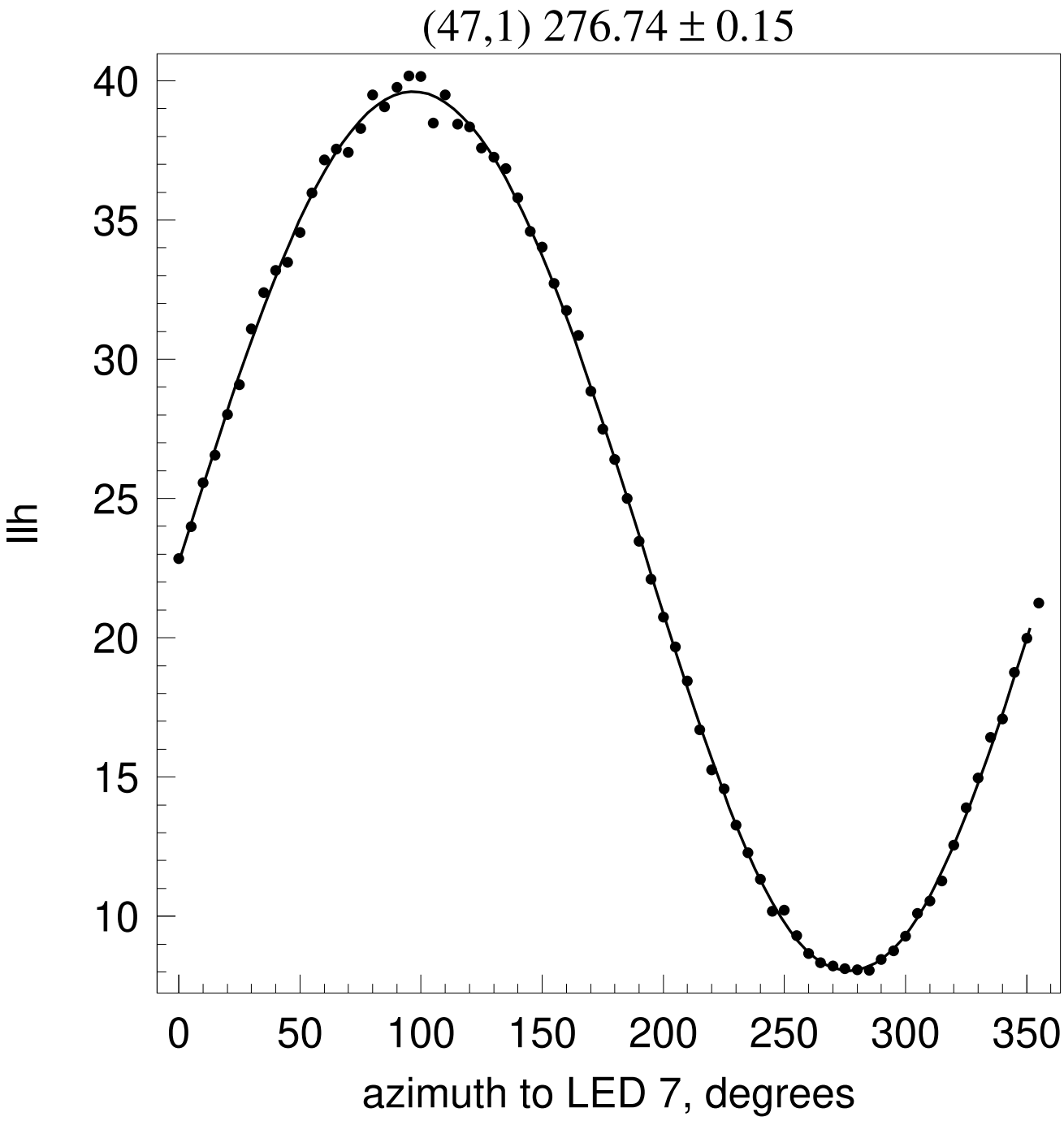

(46,56) 129.39 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

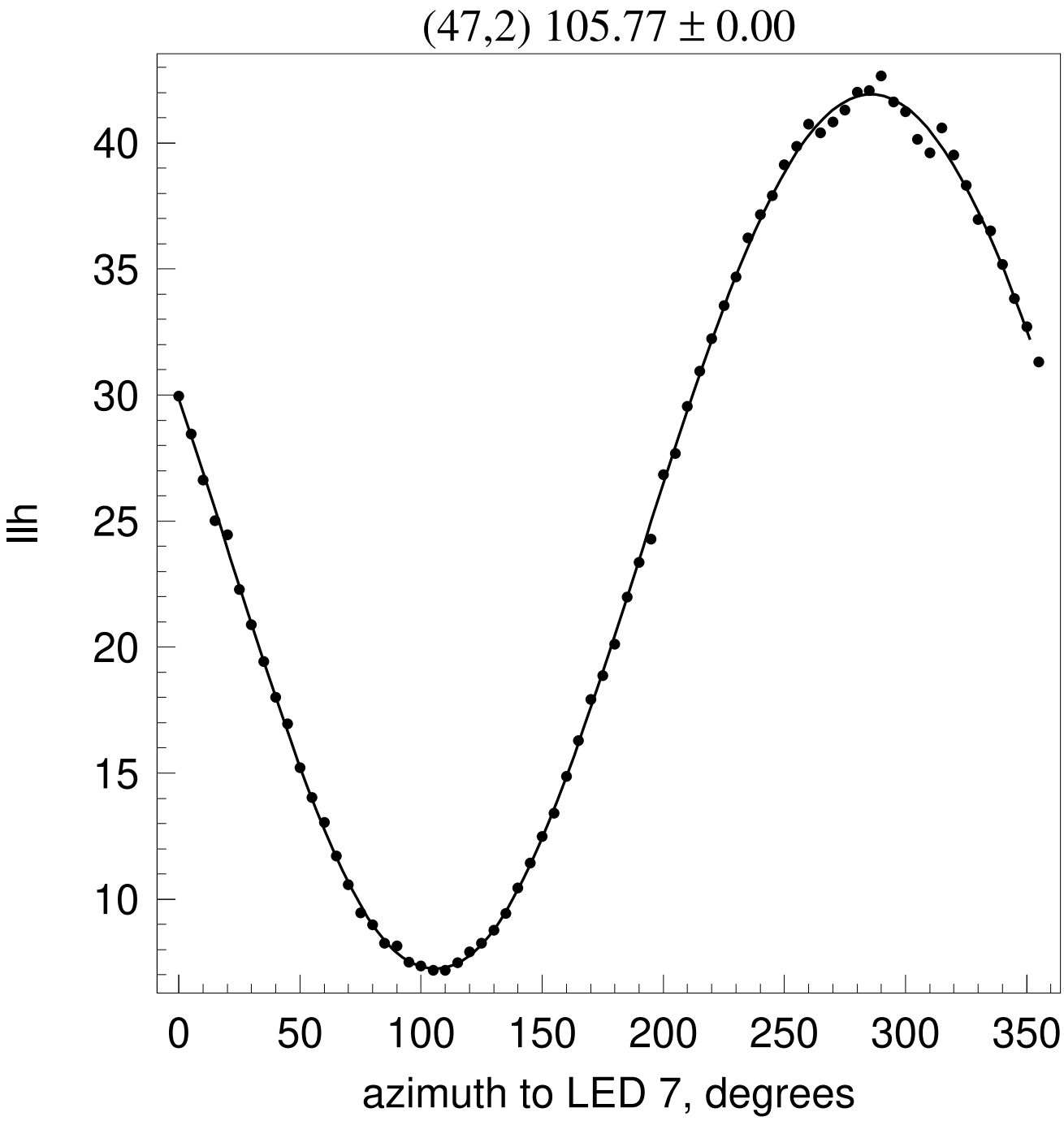

(46,57) 233.13 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

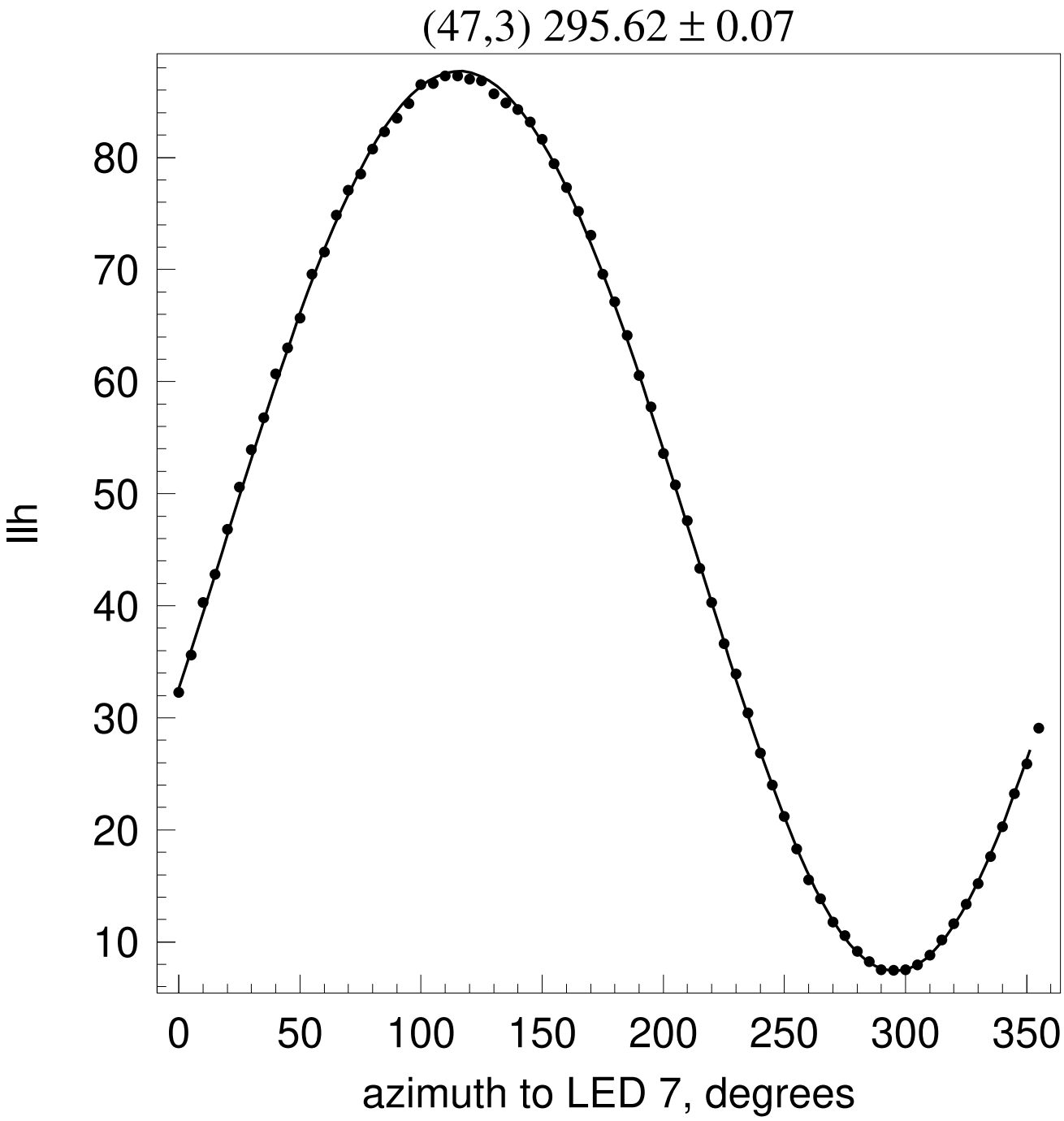

(46,58) 181.56 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

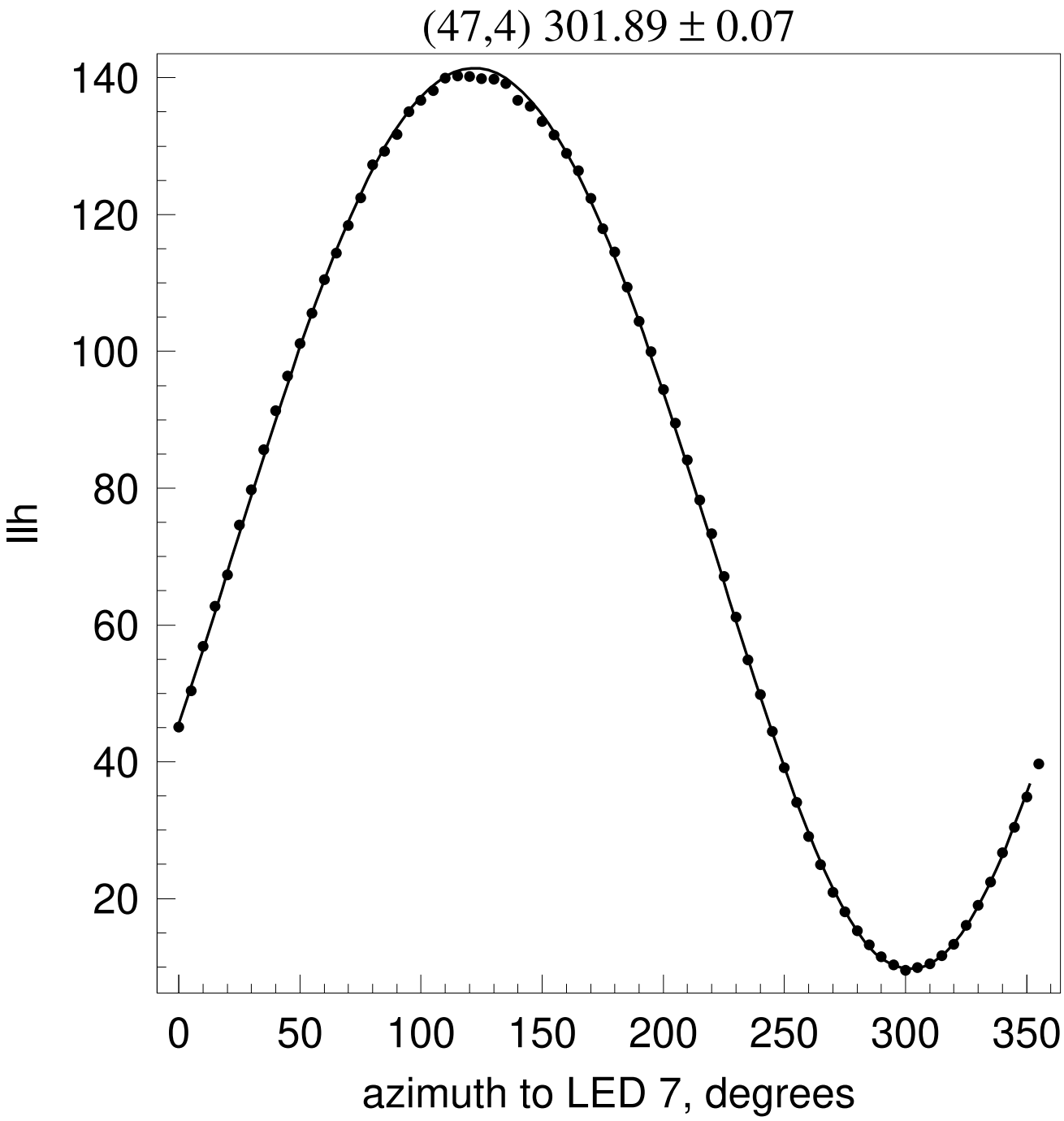

(46,59) 265.81 ± 0.11
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

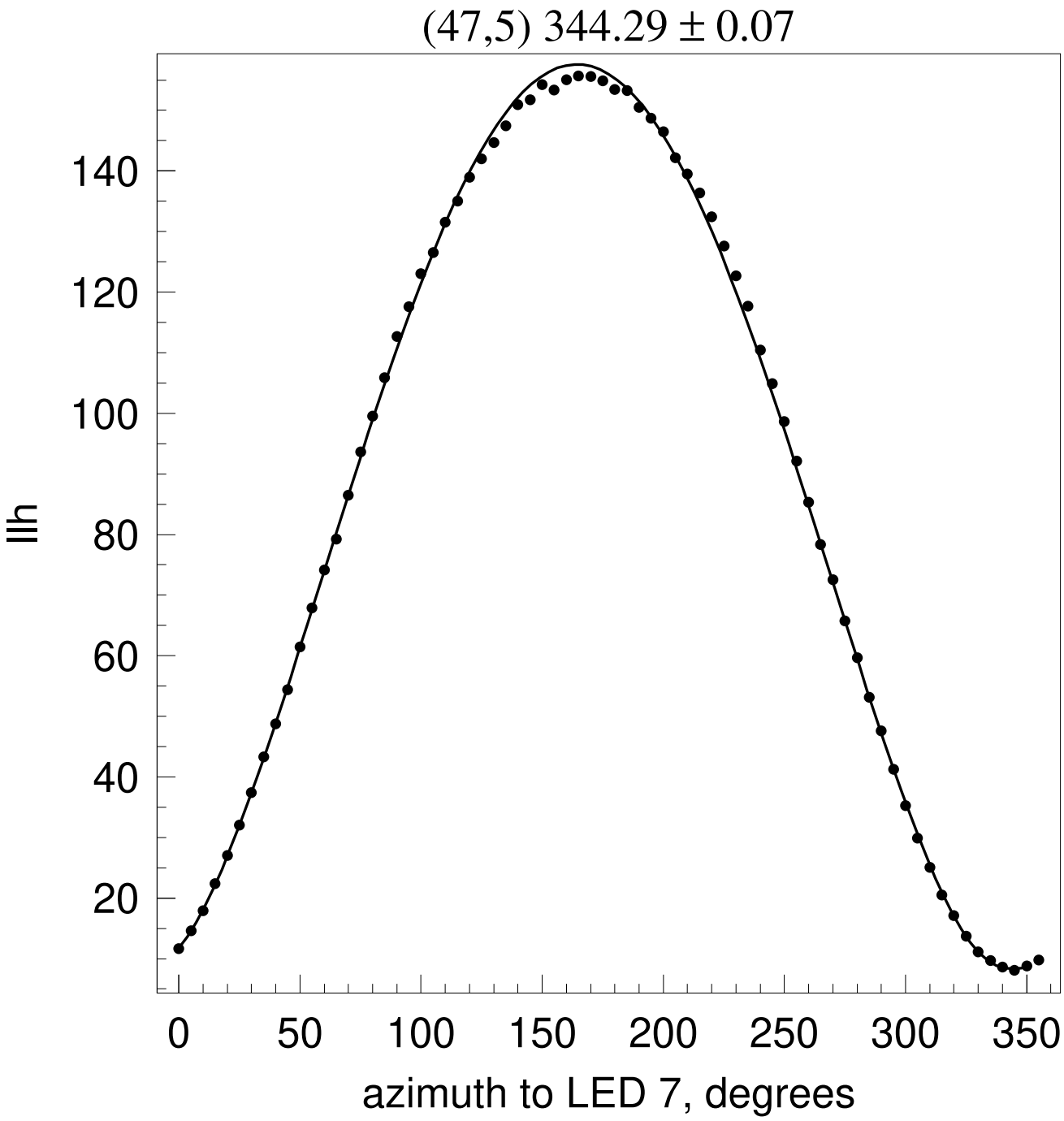

(46,60) 294.92 ± 2.20
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

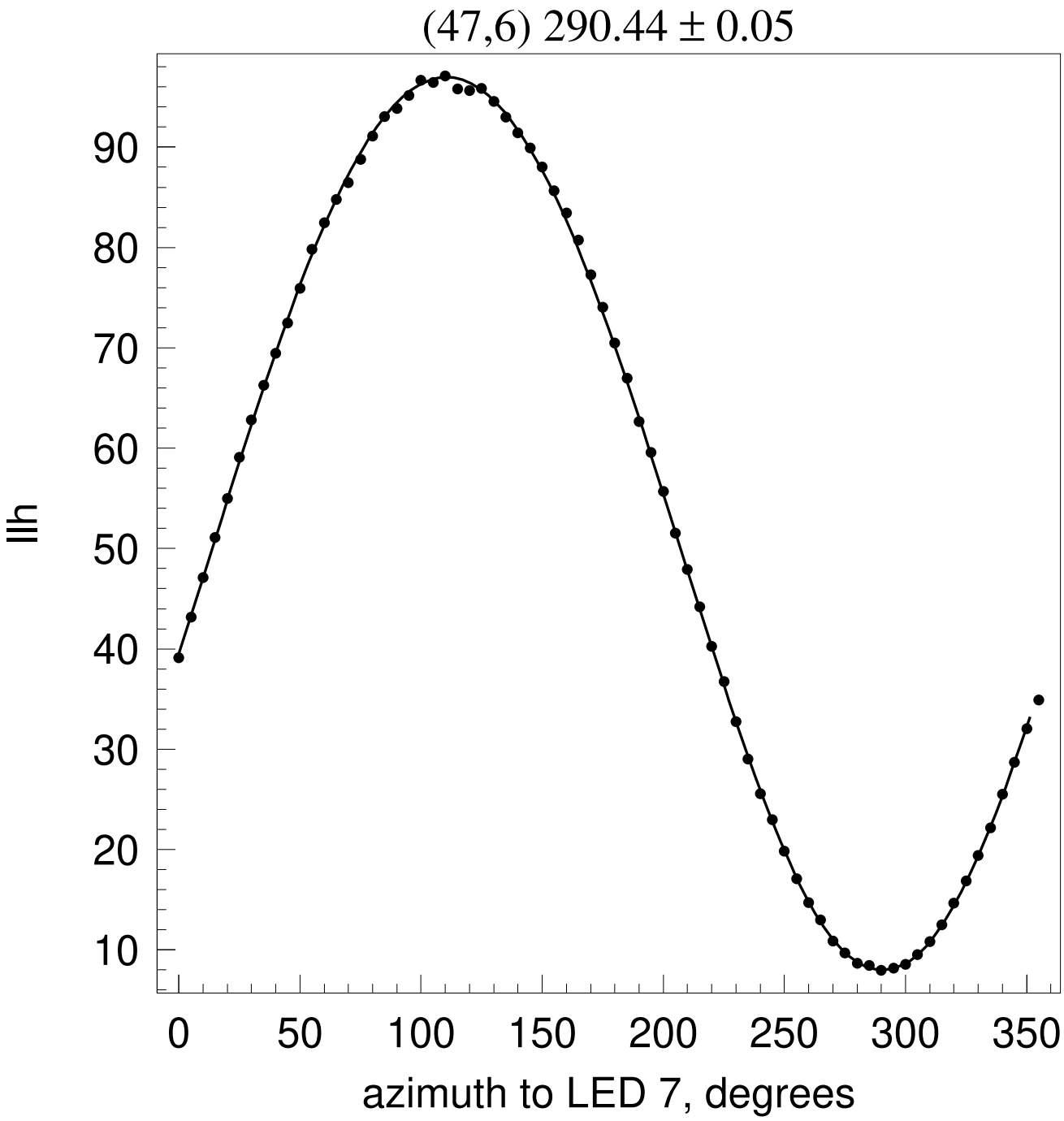

(47,1) 276.74 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

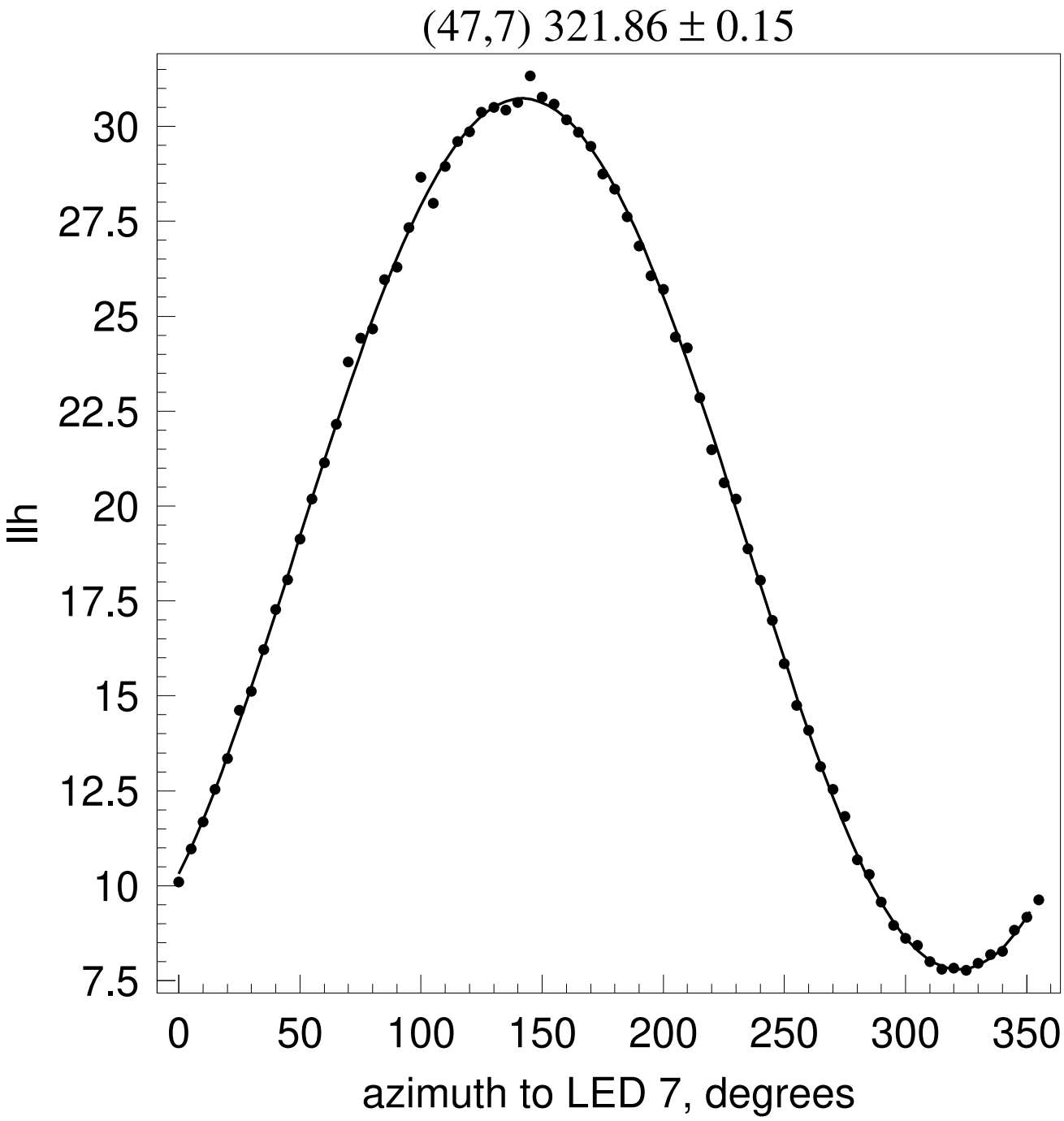

(47,2) 105.77 ± 0.00
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

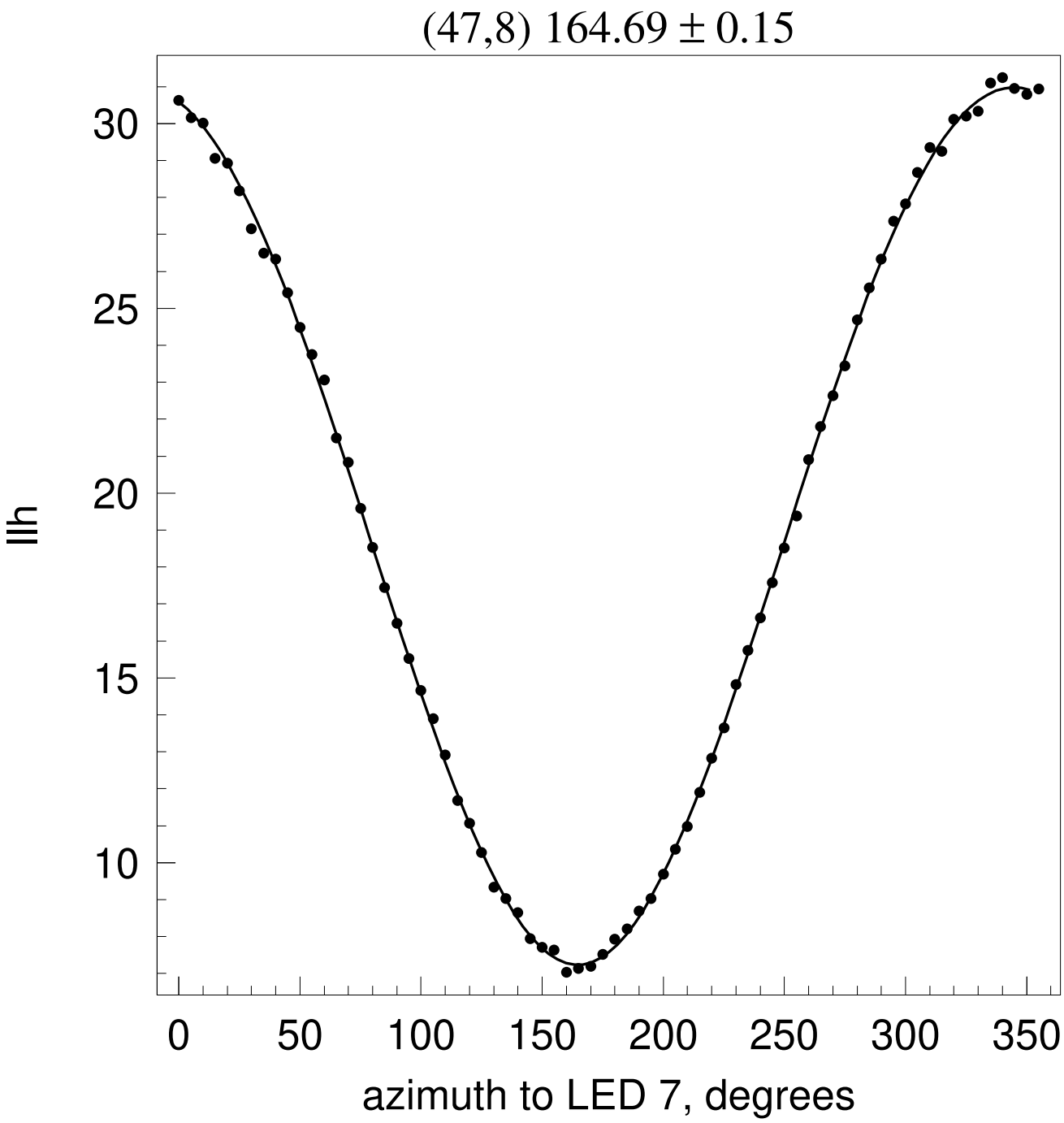

(47,3) 295.62 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

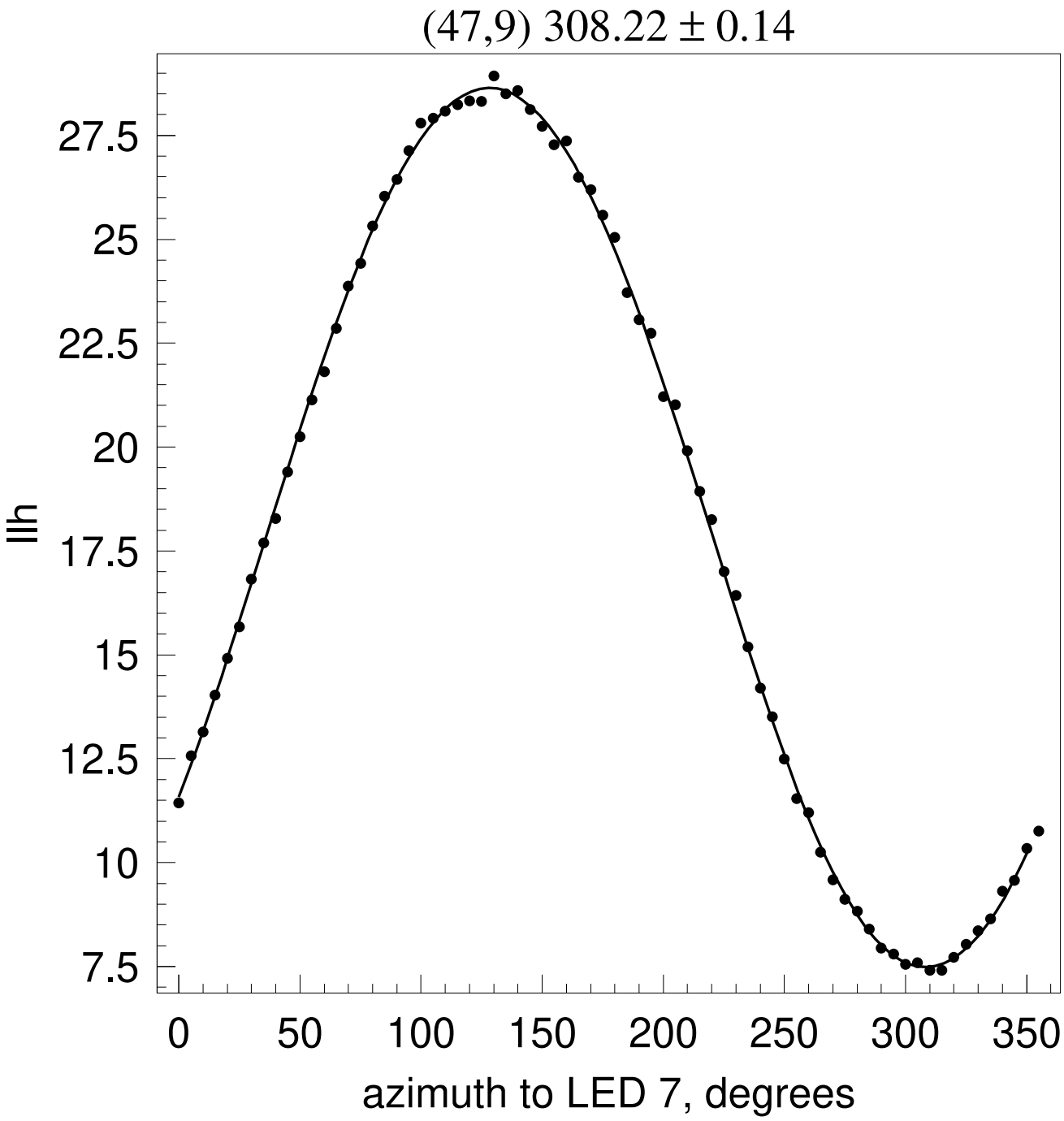

(47,4) 301.89 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

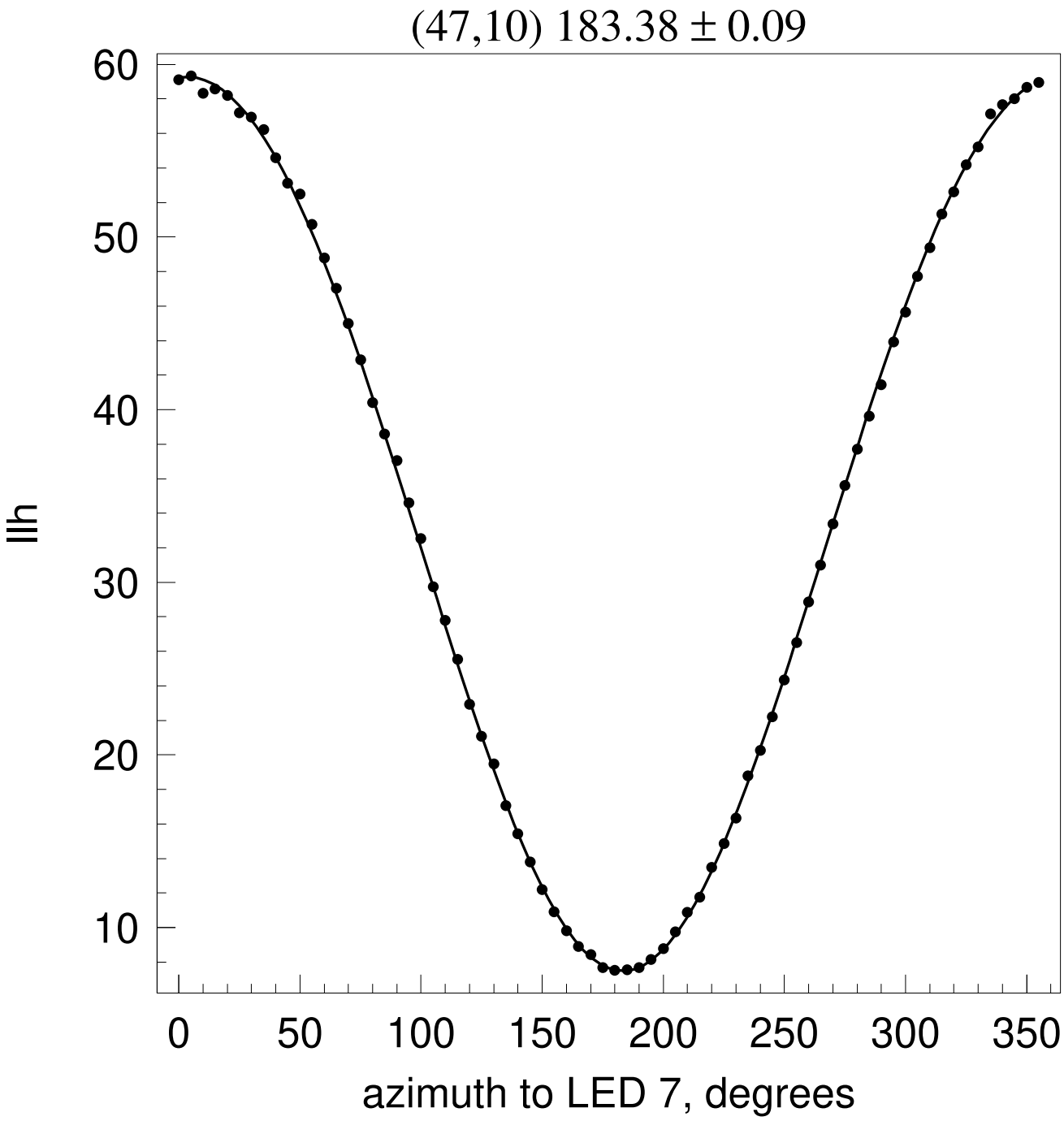

(47,5) 344.29 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

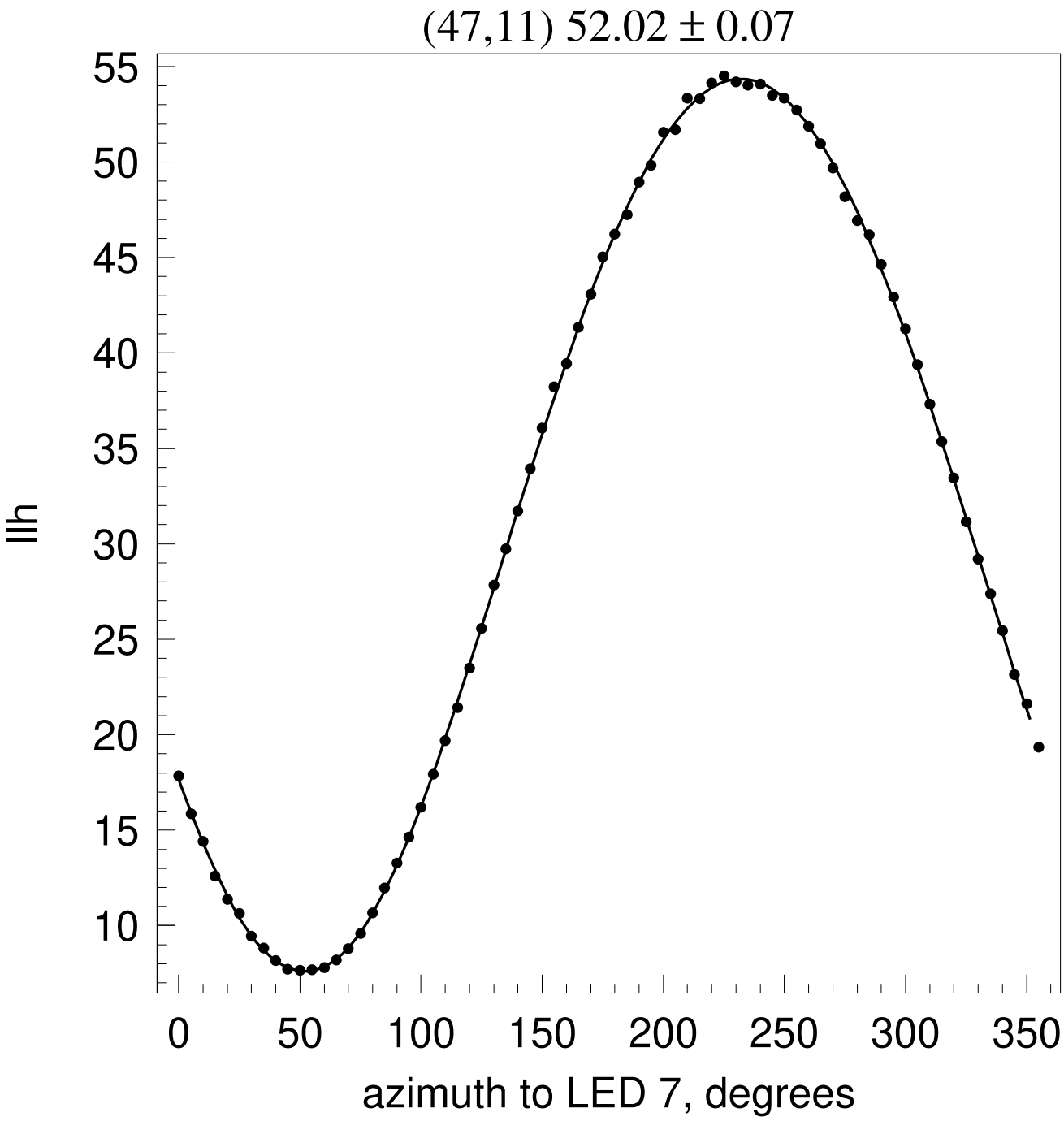

(47,6) 290.44 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

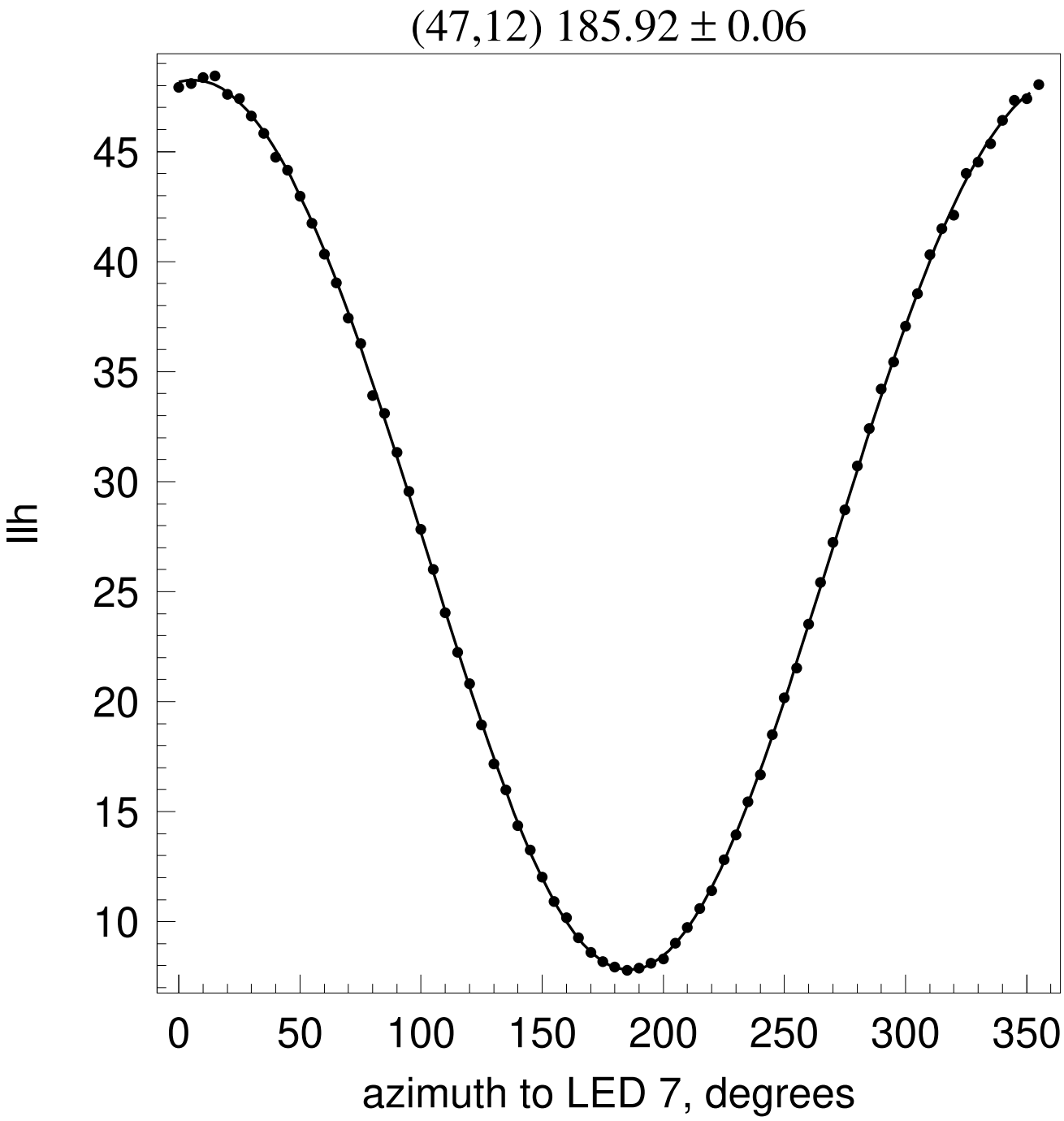

(47,7) 321.86 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

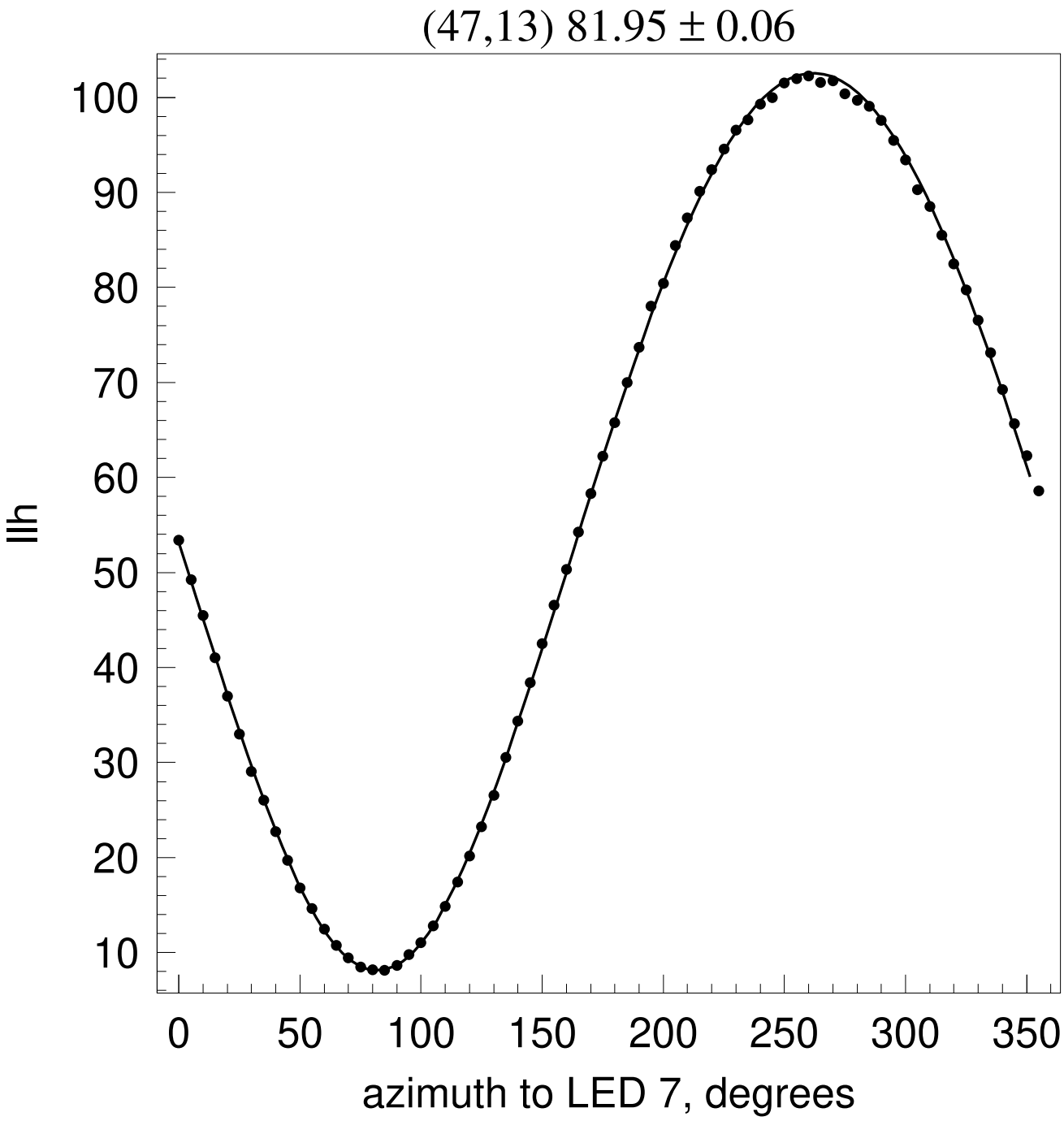

(47,8) 164.69 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

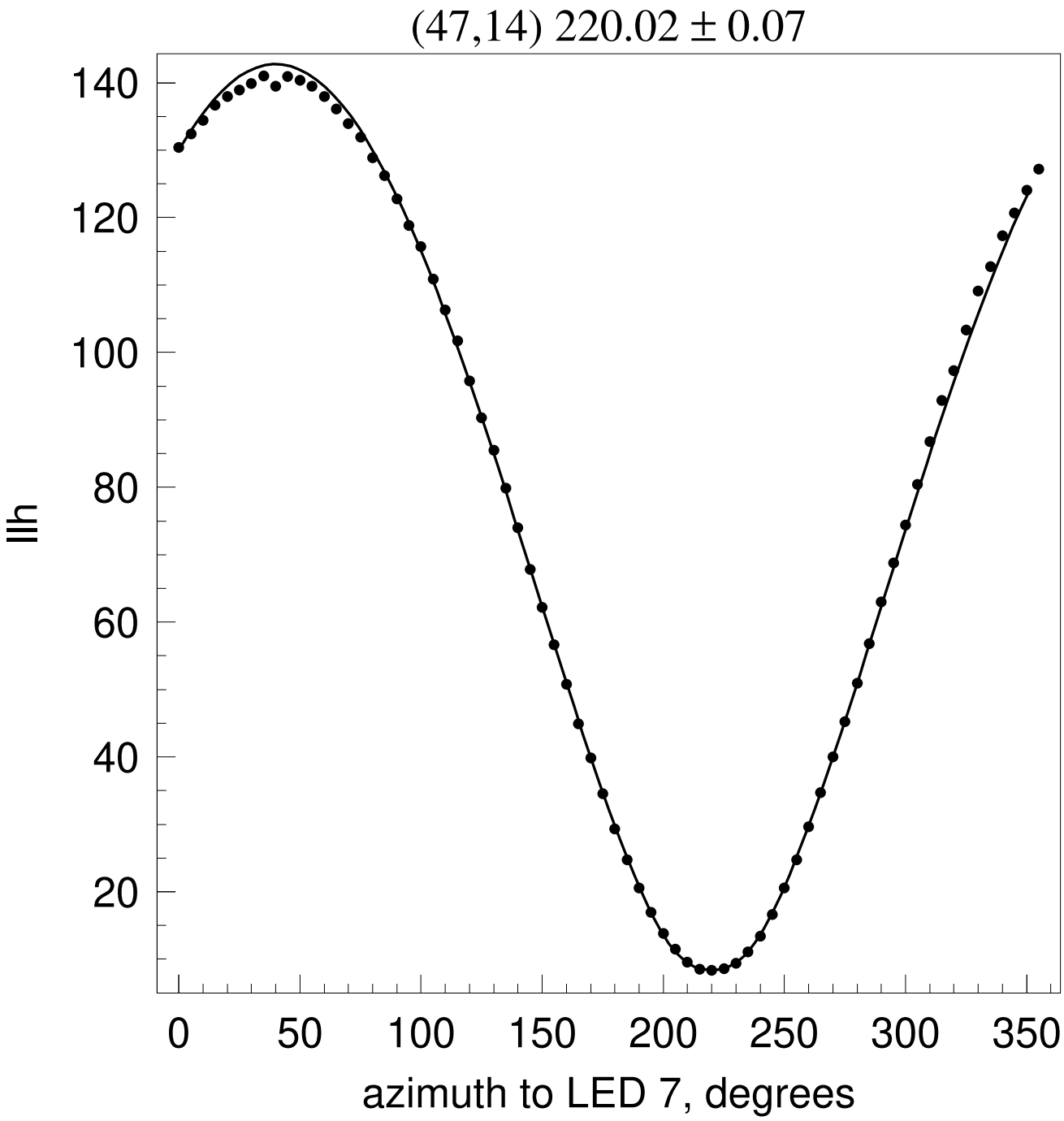

(47,9) 308.22 ± 0.14
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

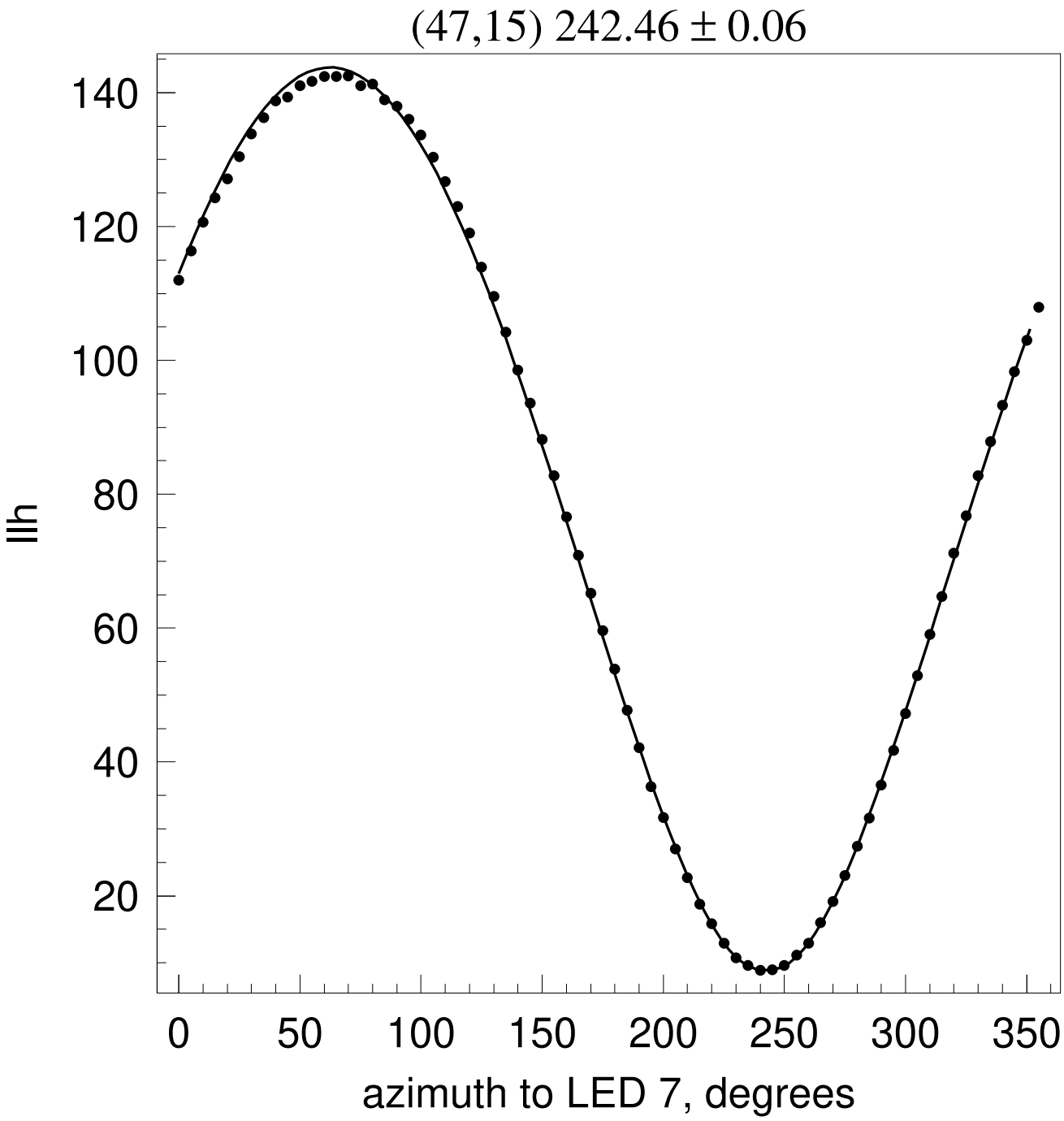

(47,10) 183.38 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

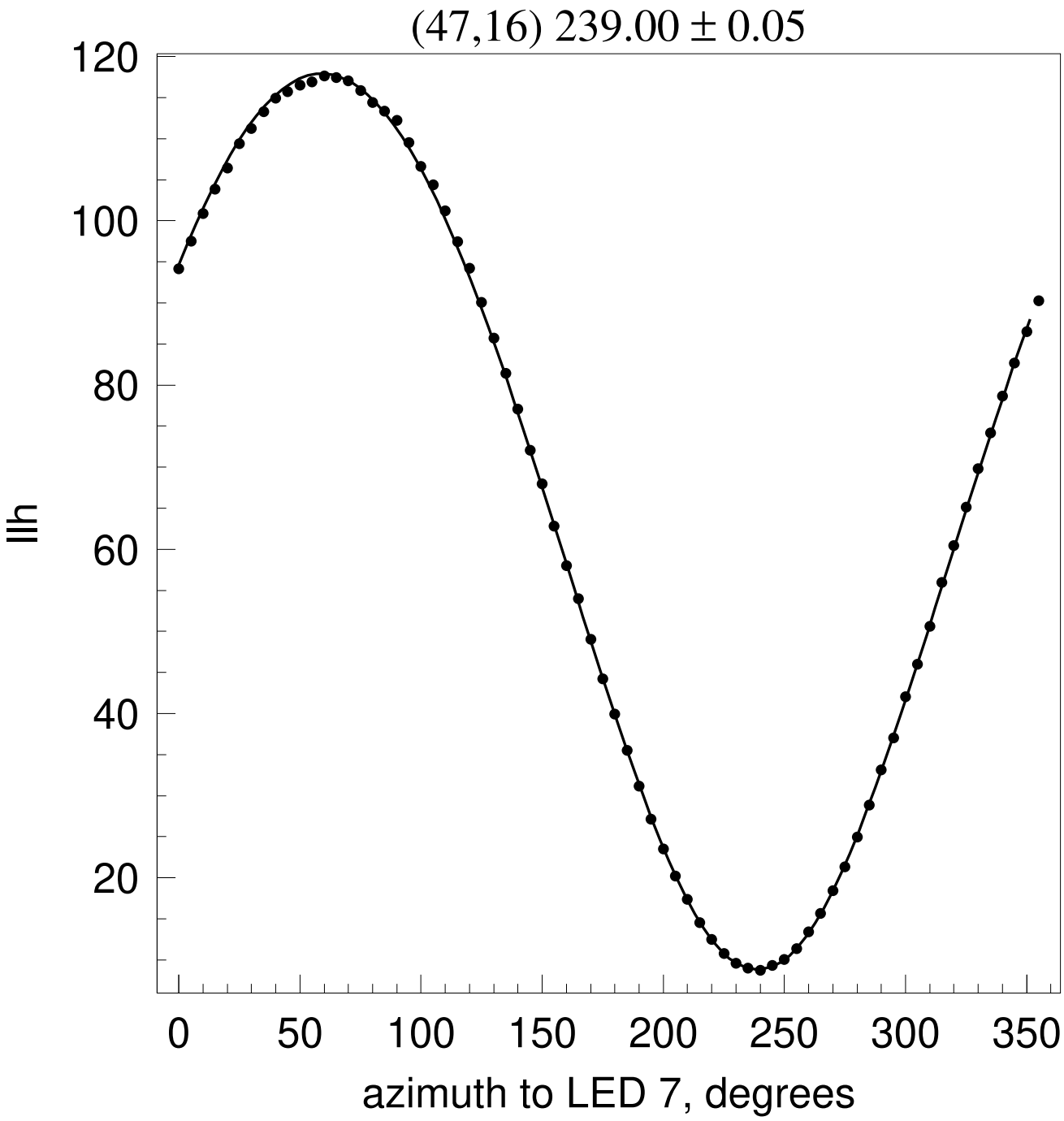

(47,11) 52.02 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

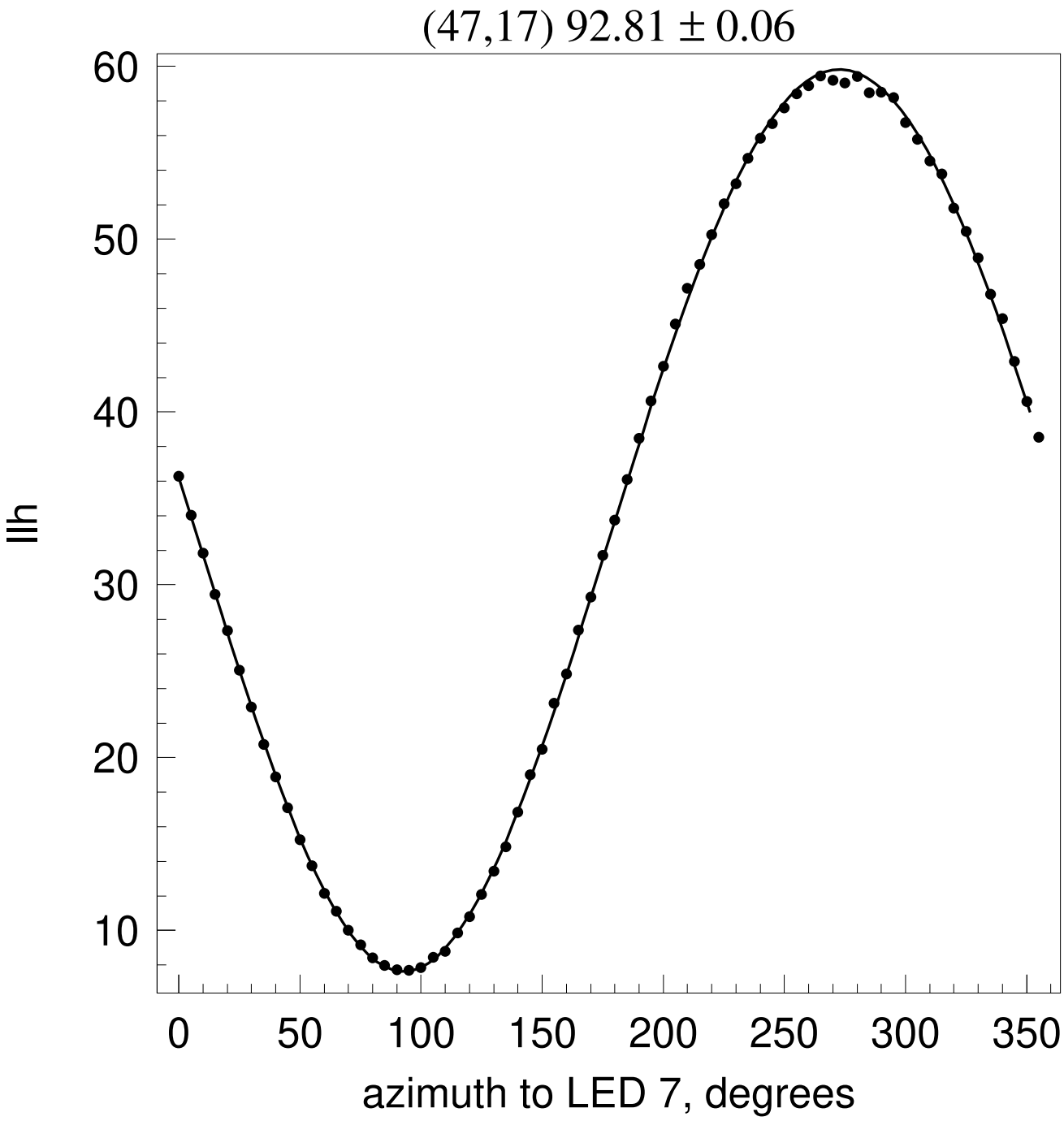

(47,12) 185.92 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

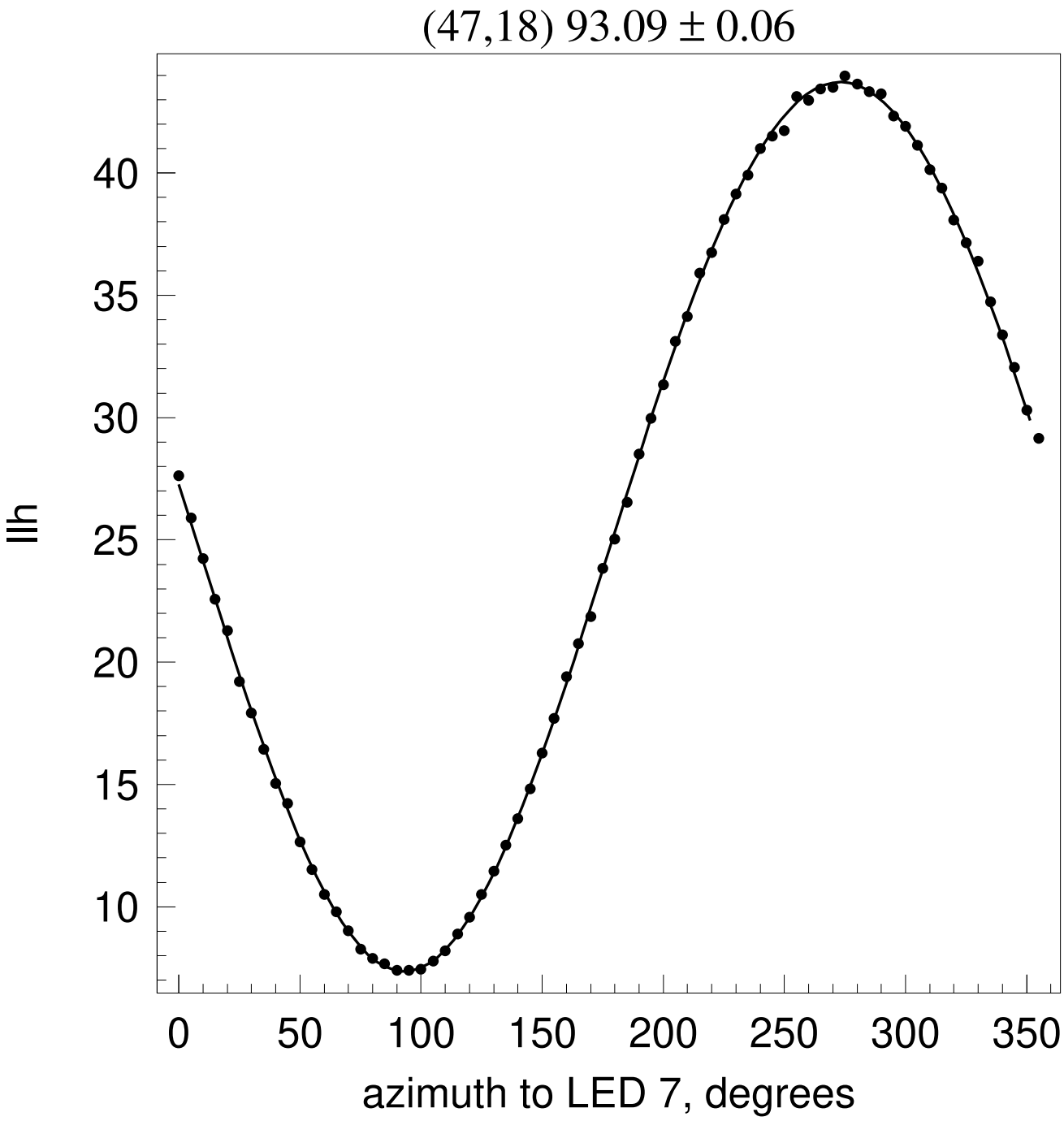

(47,13) 81.95 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

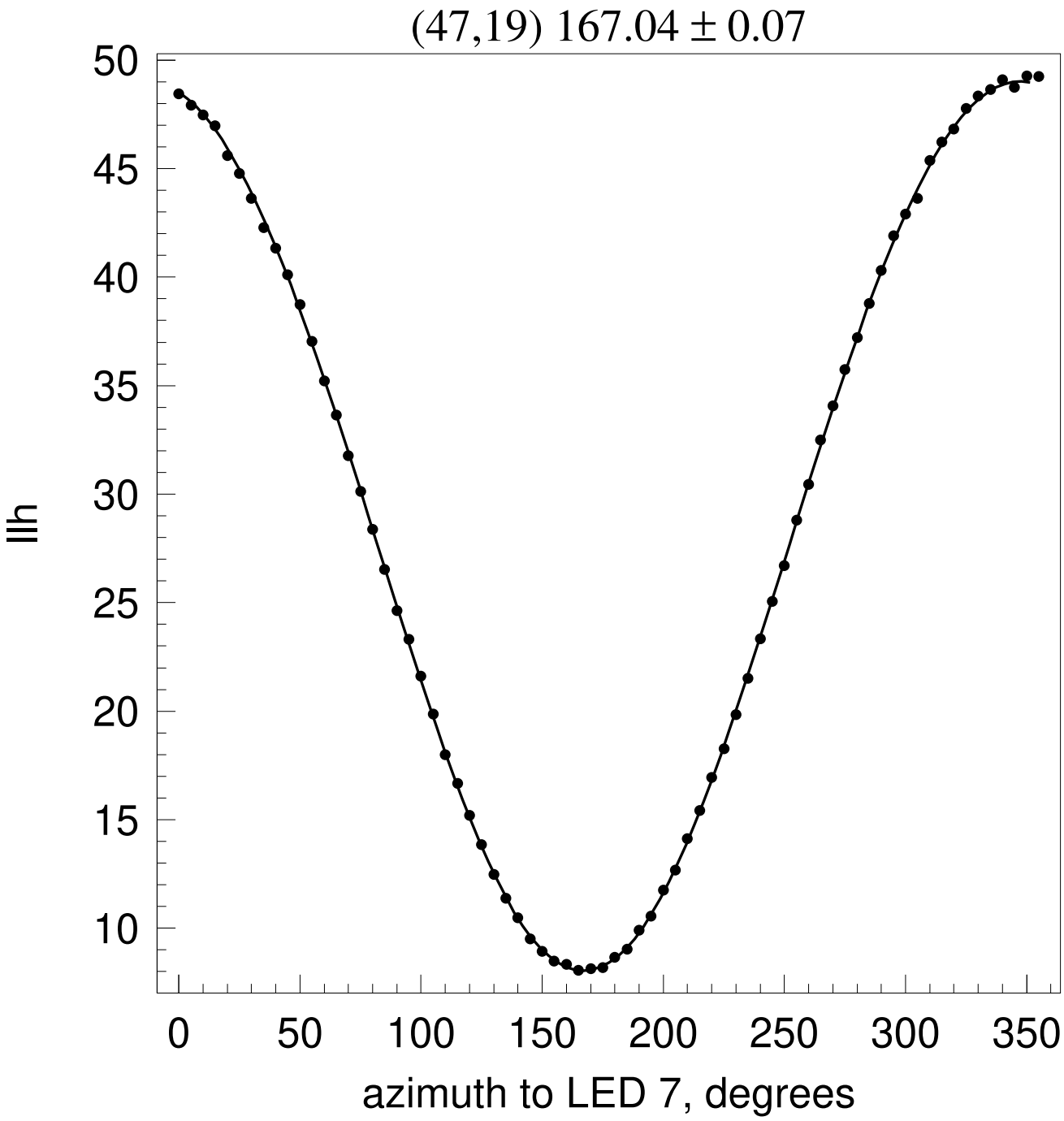

(47,14) 220.02 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

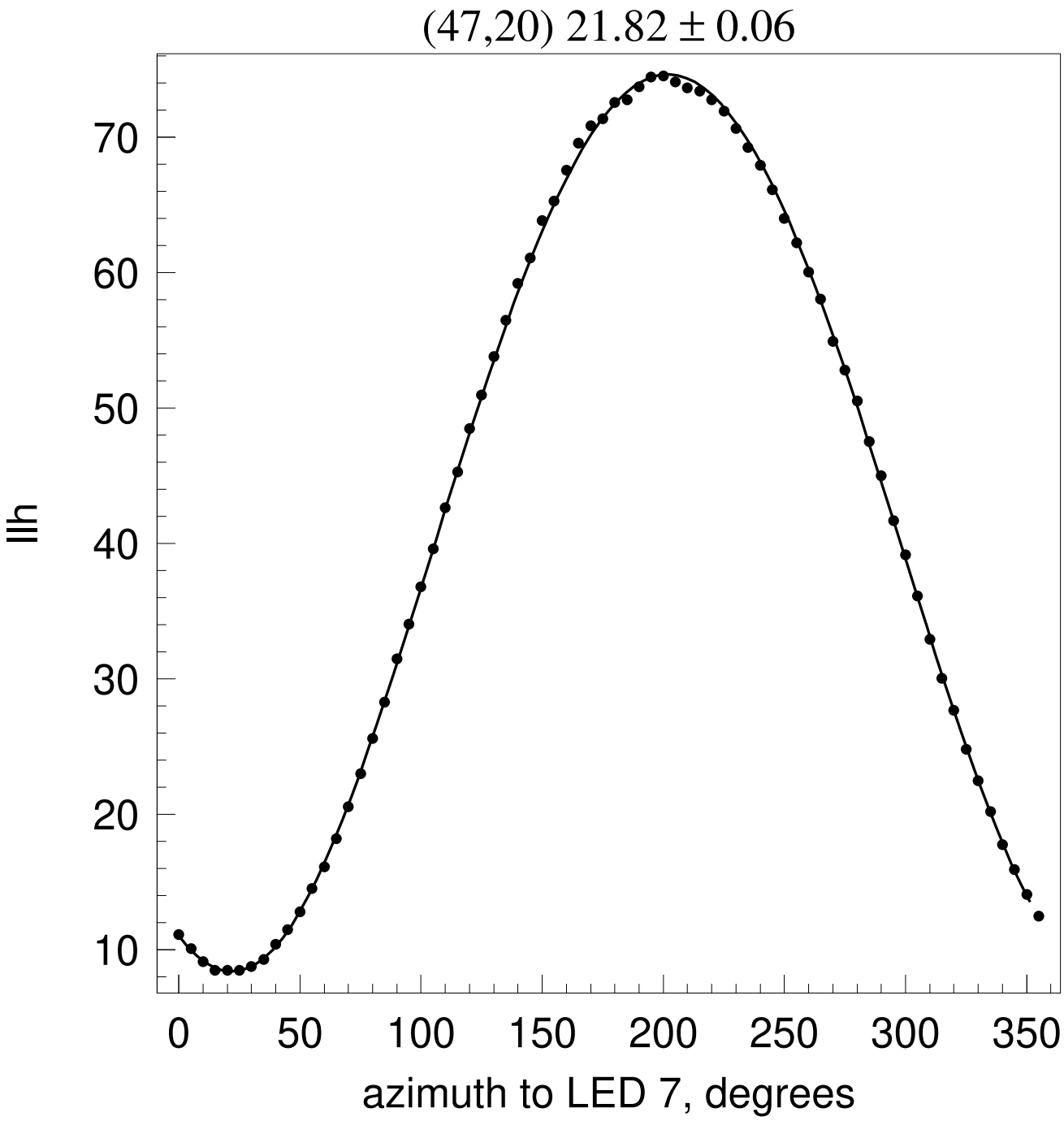

(47,15) 242.46 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

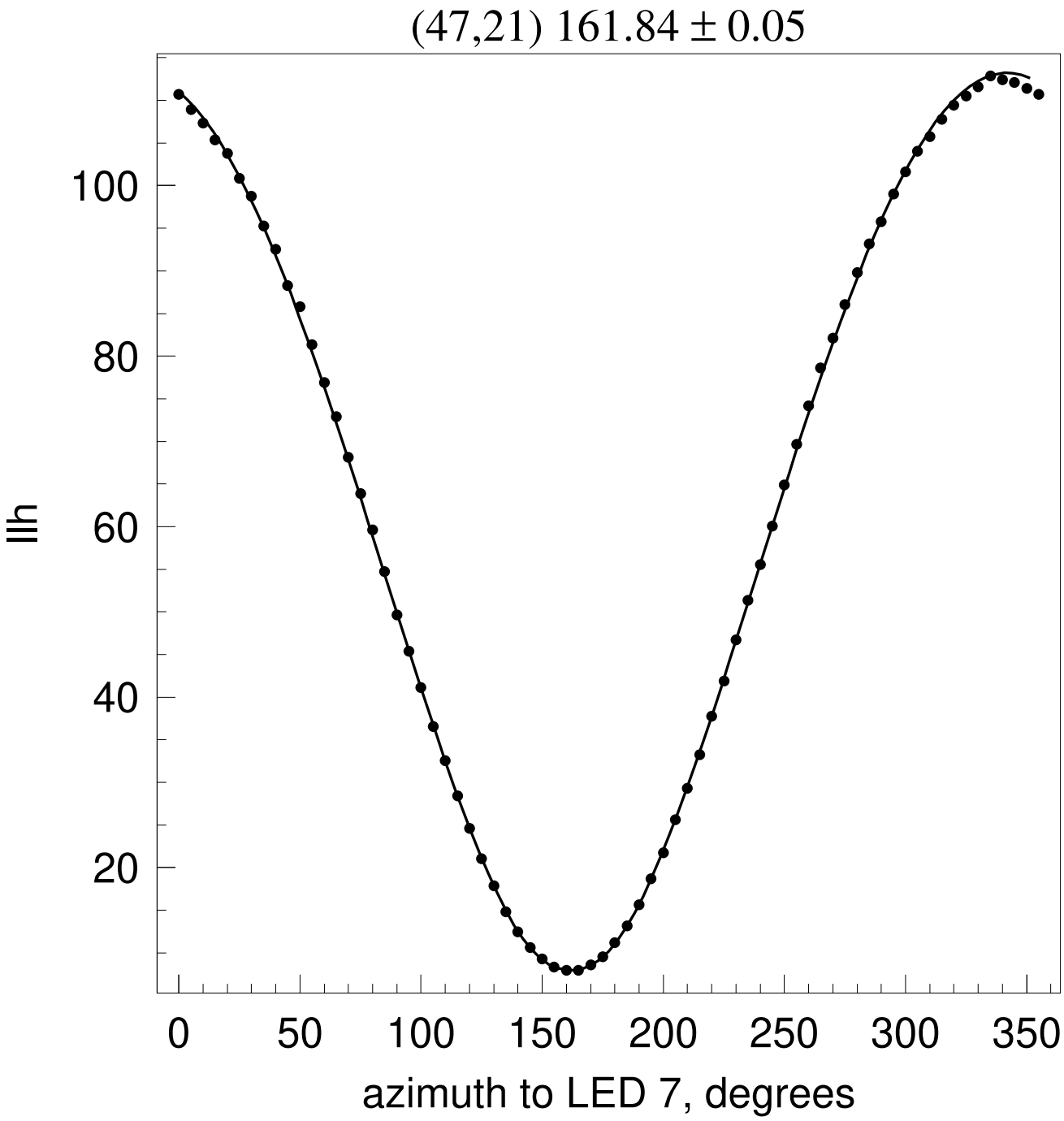

(47,16) 239.00 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

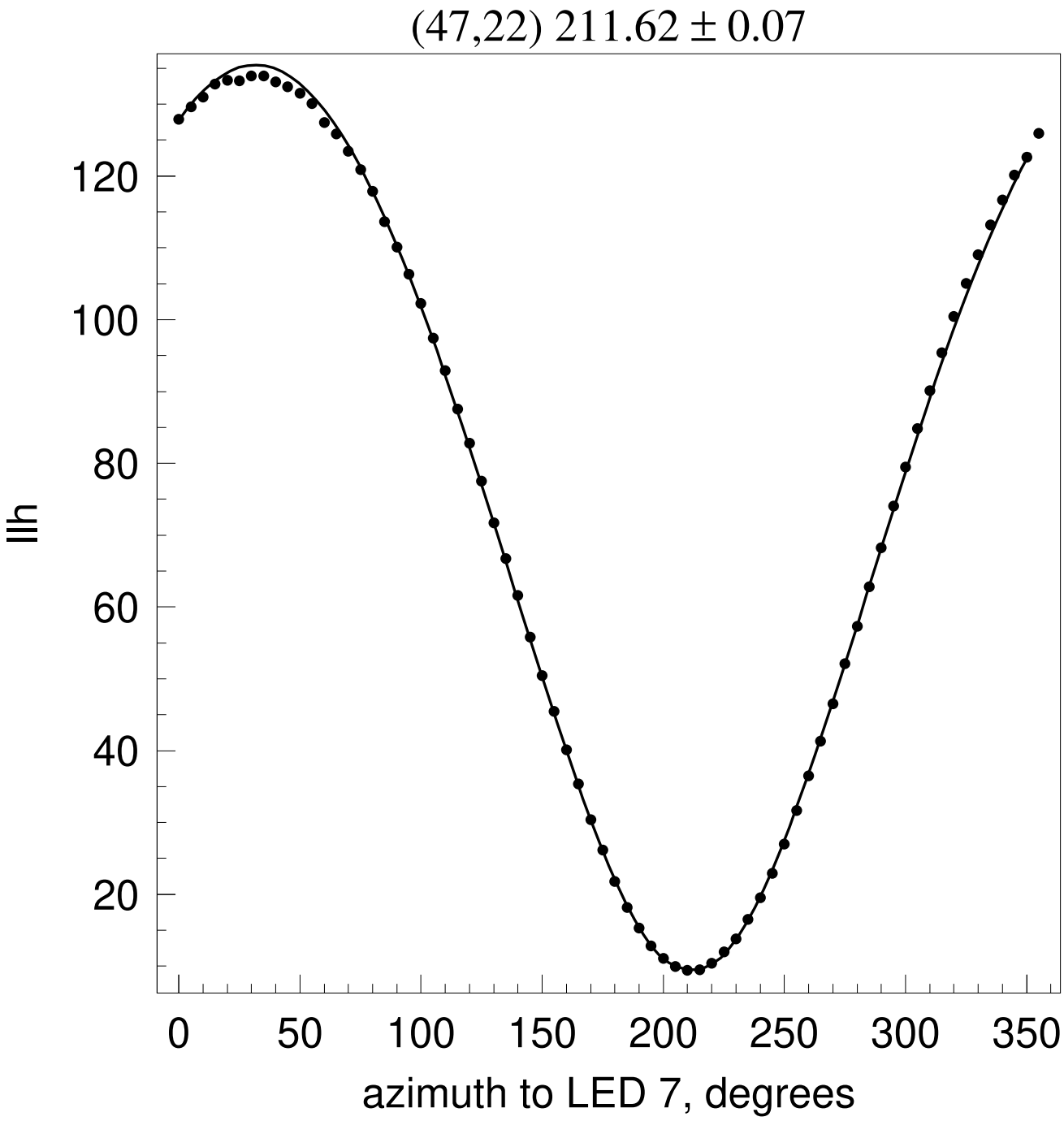

(47,17) 92.81 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

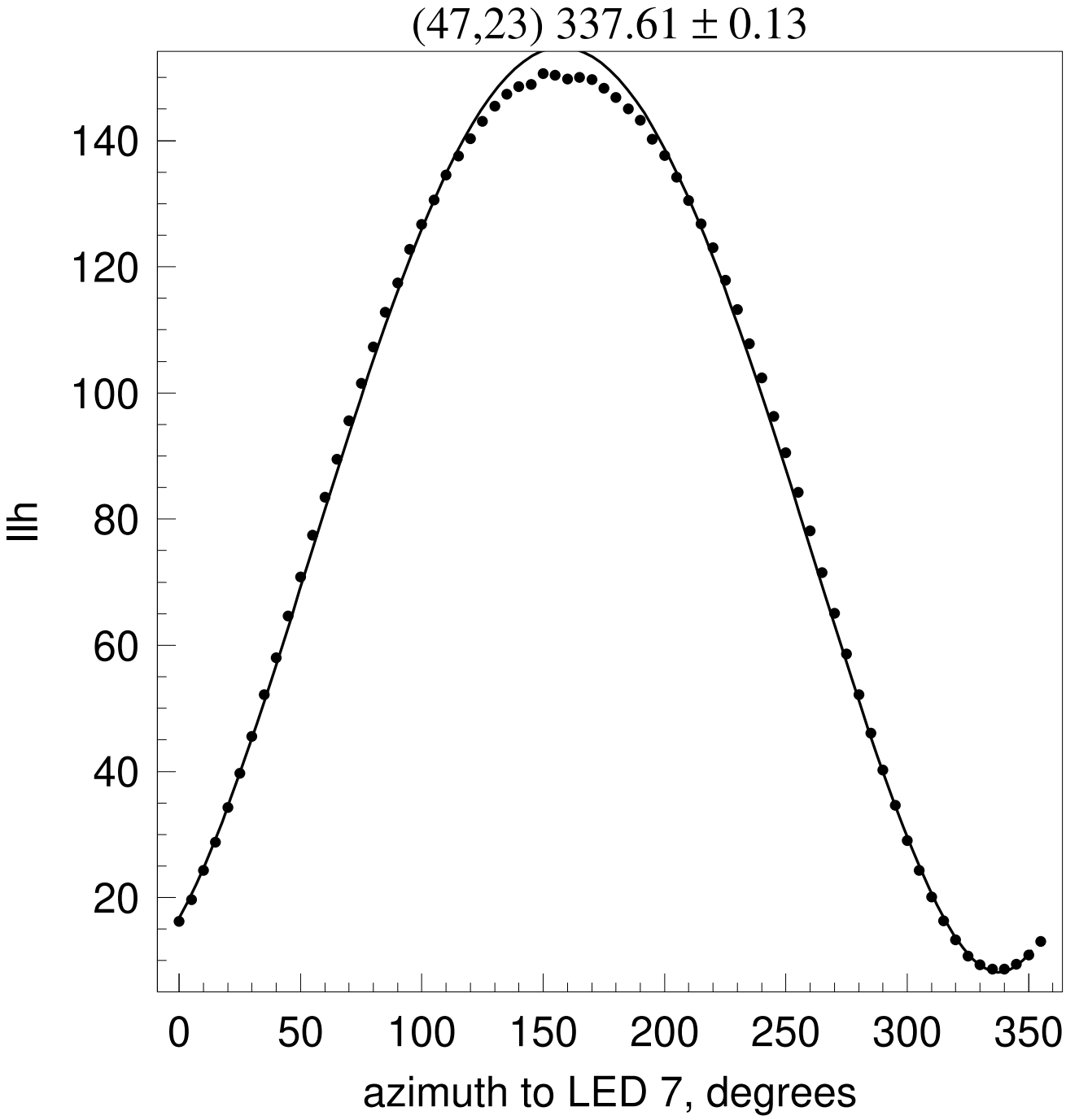

(47,18) 93.09 ± 0.06
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

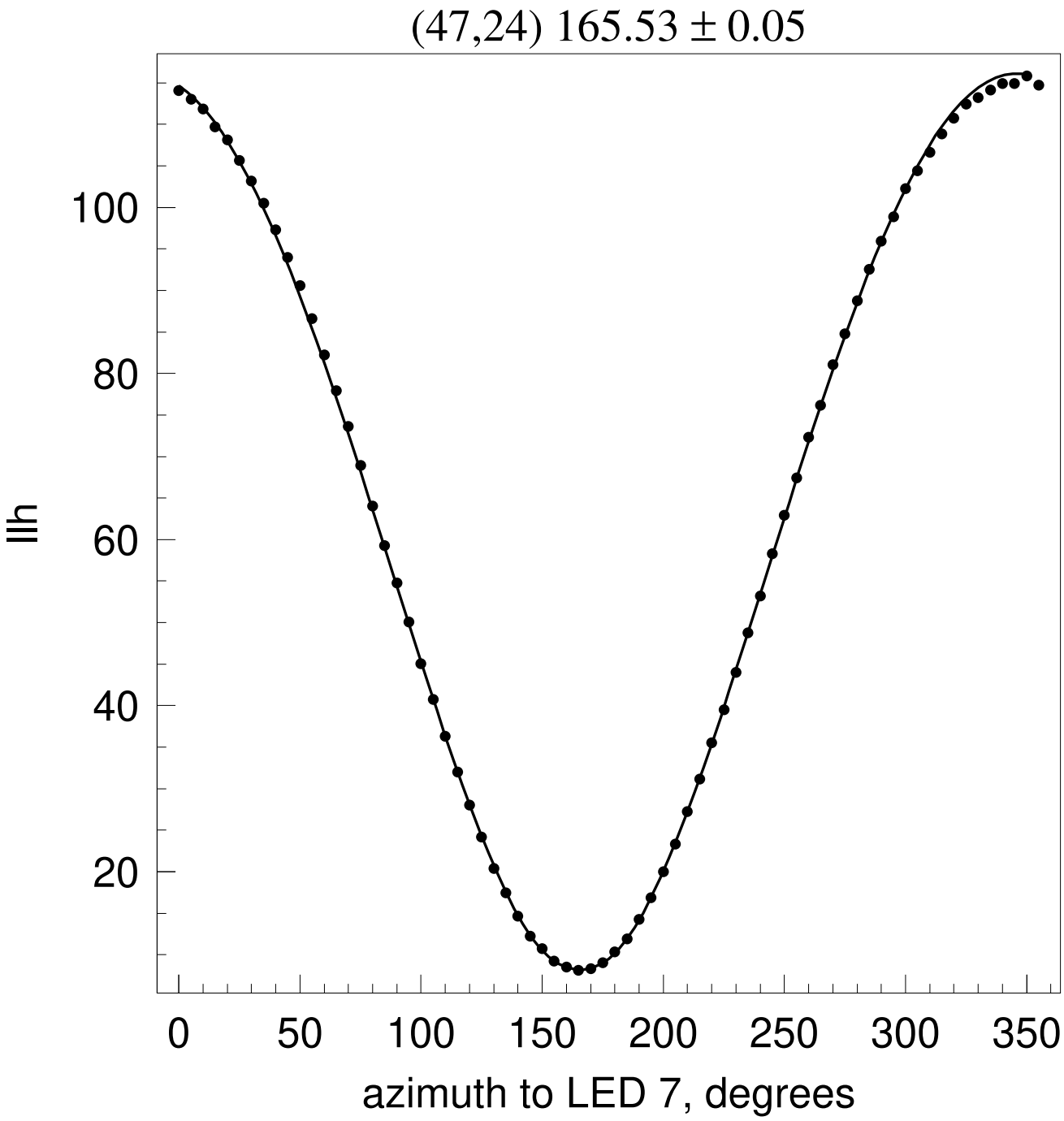

(47,19) 167.04 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

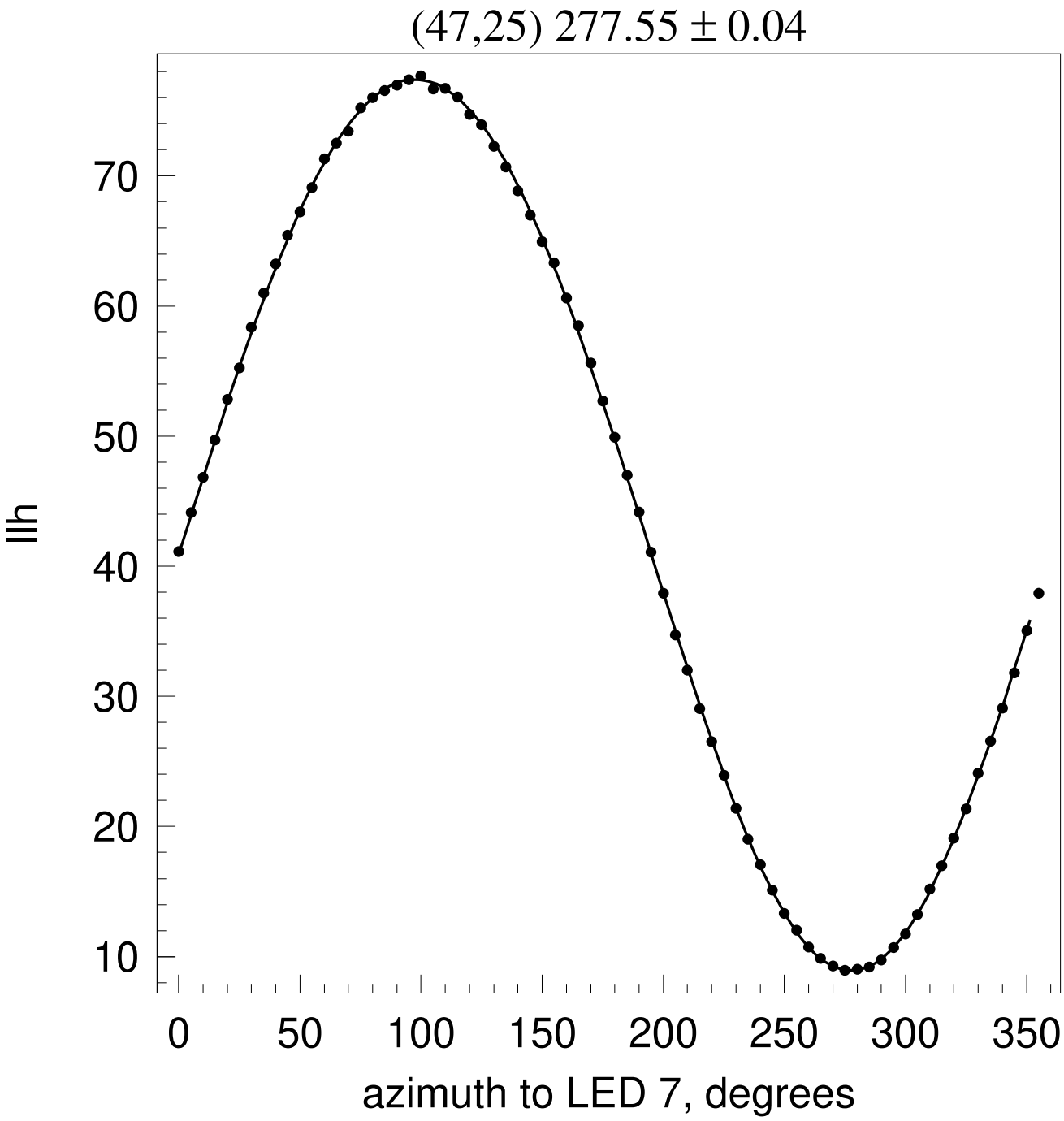

(47,20) 21.82 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

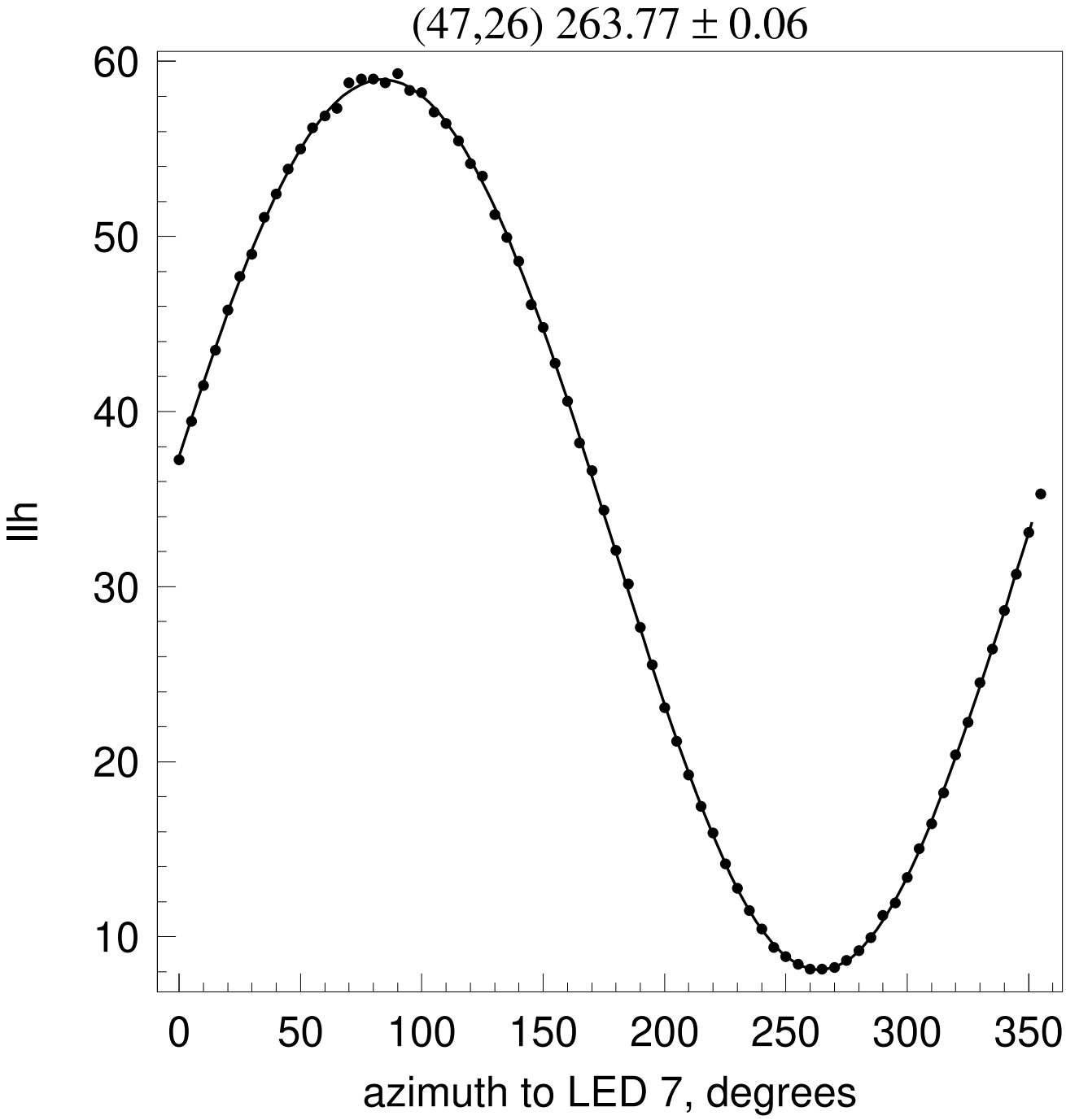

(47,21) 161.84 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

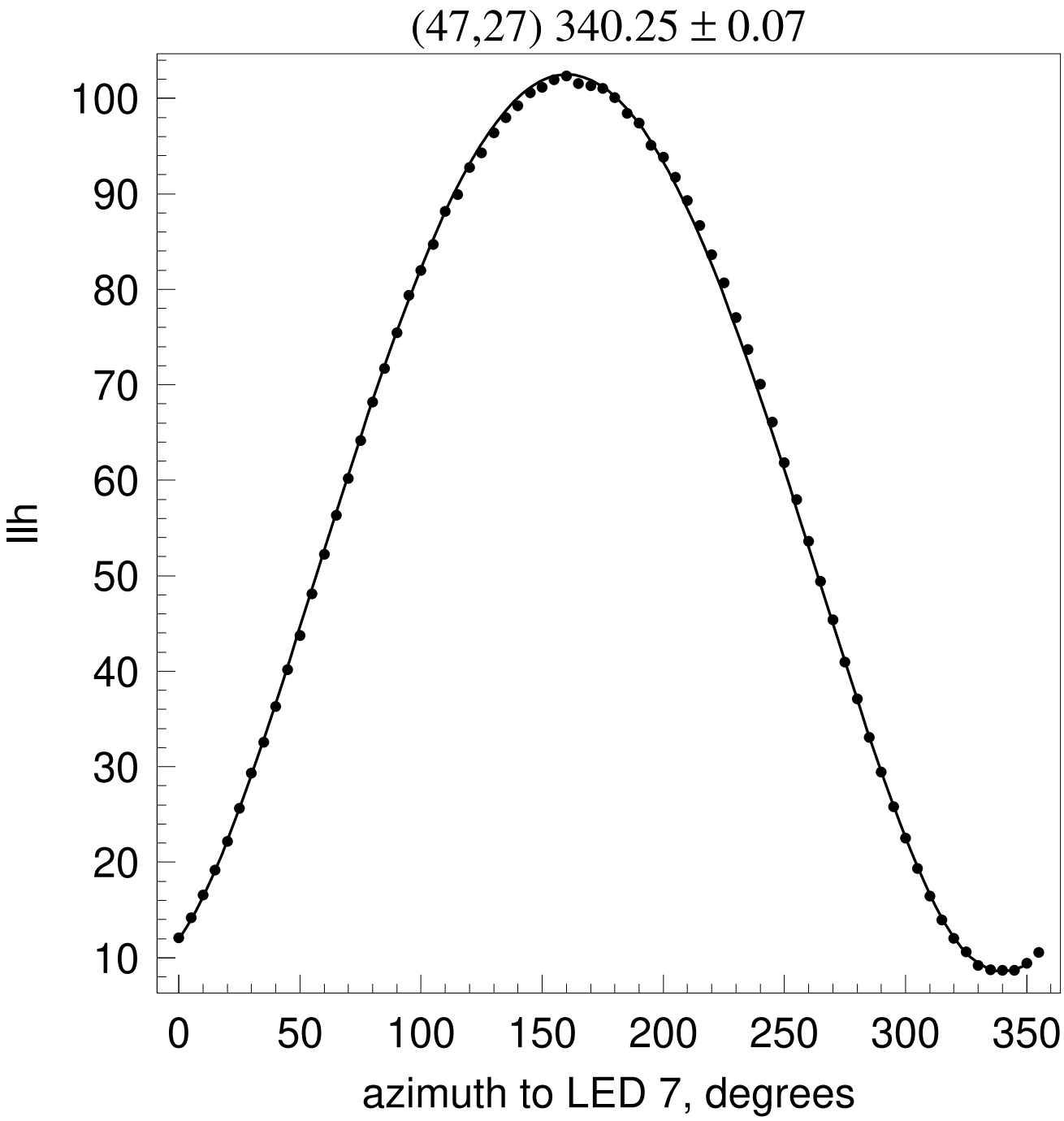

(47,22) 211.62 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

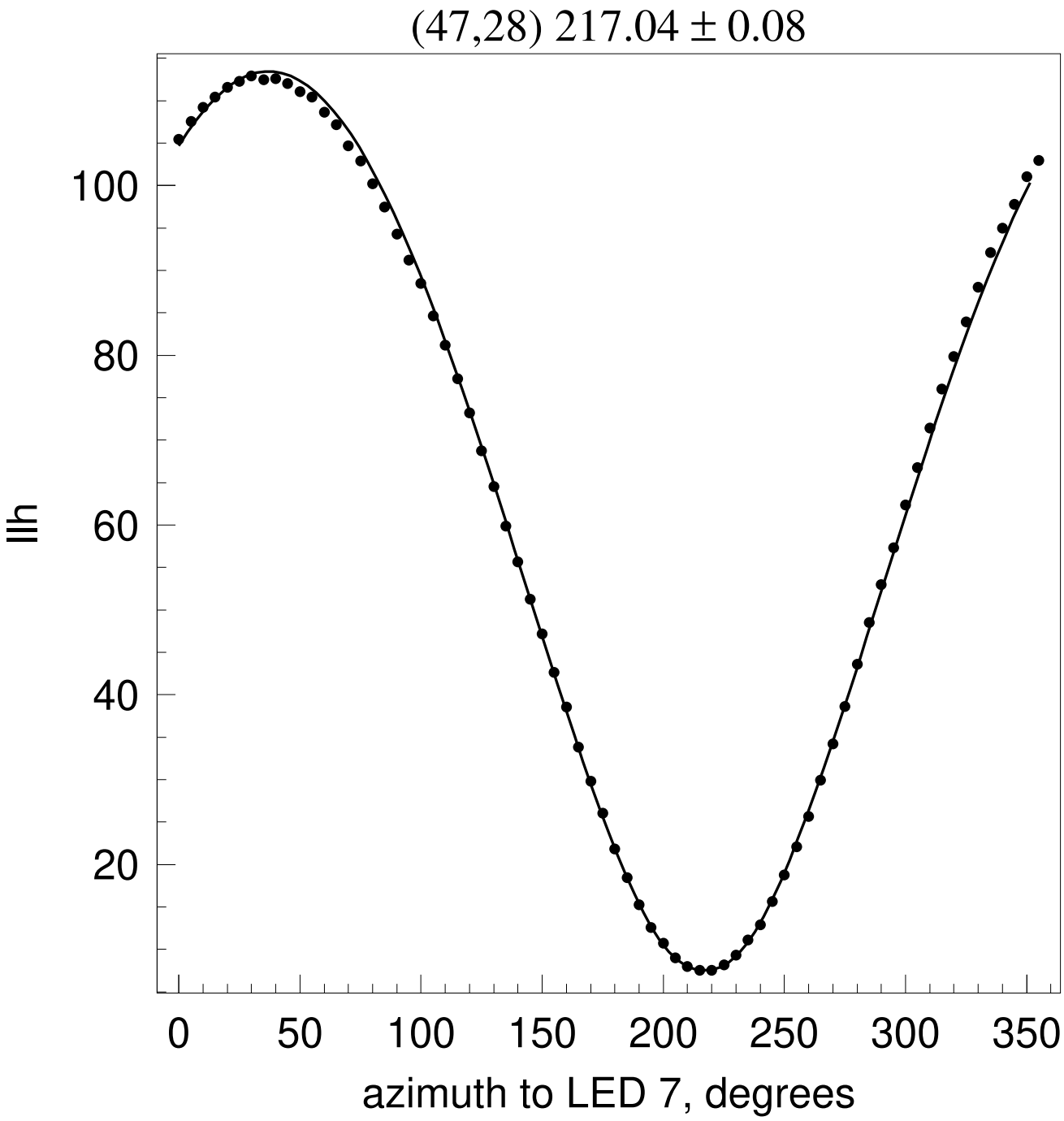

(47,23) 337.61 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

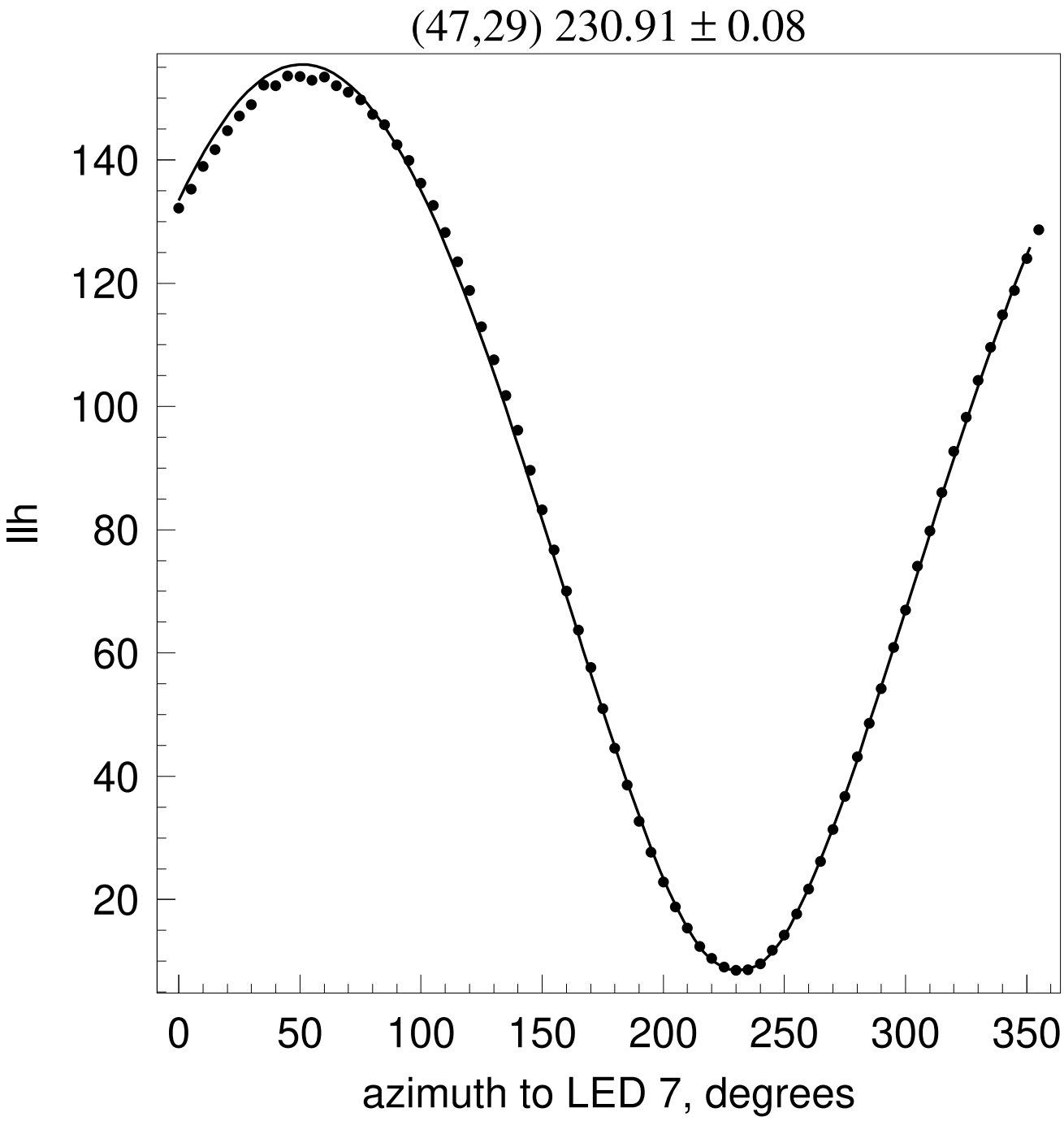

(47,24) 165.53 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

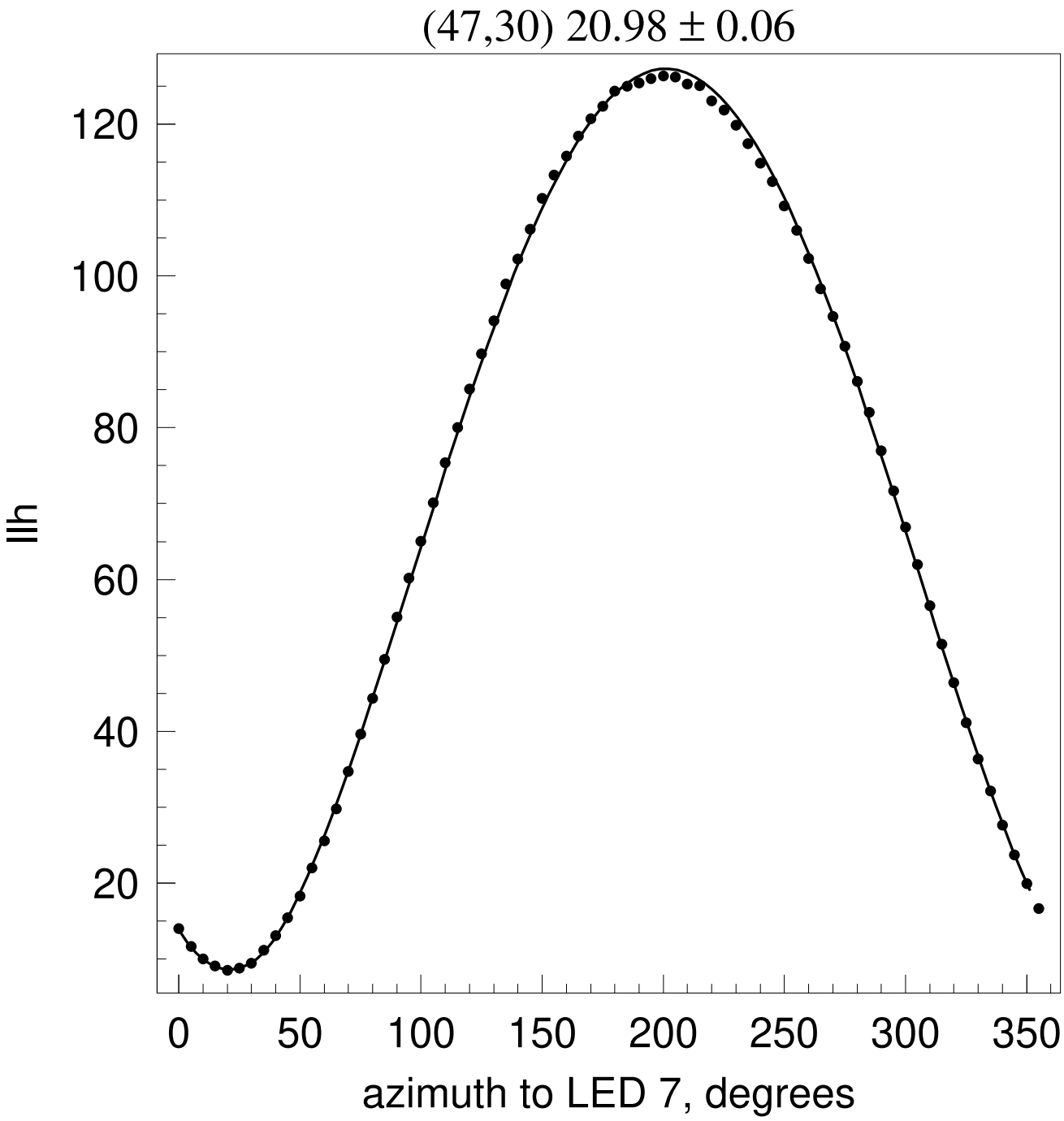

(47,25) 277.55 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

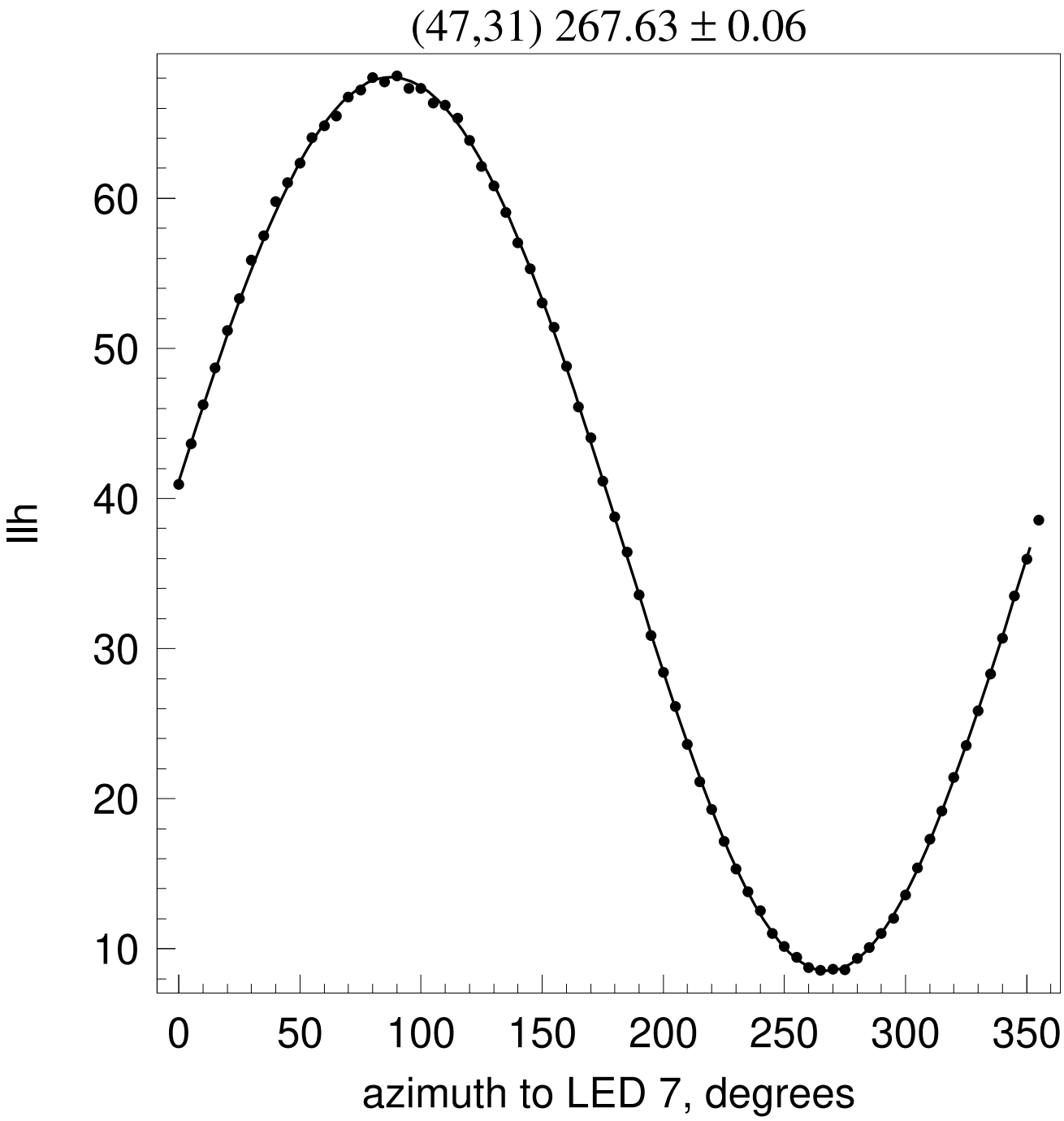

(47,26) 263.77 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

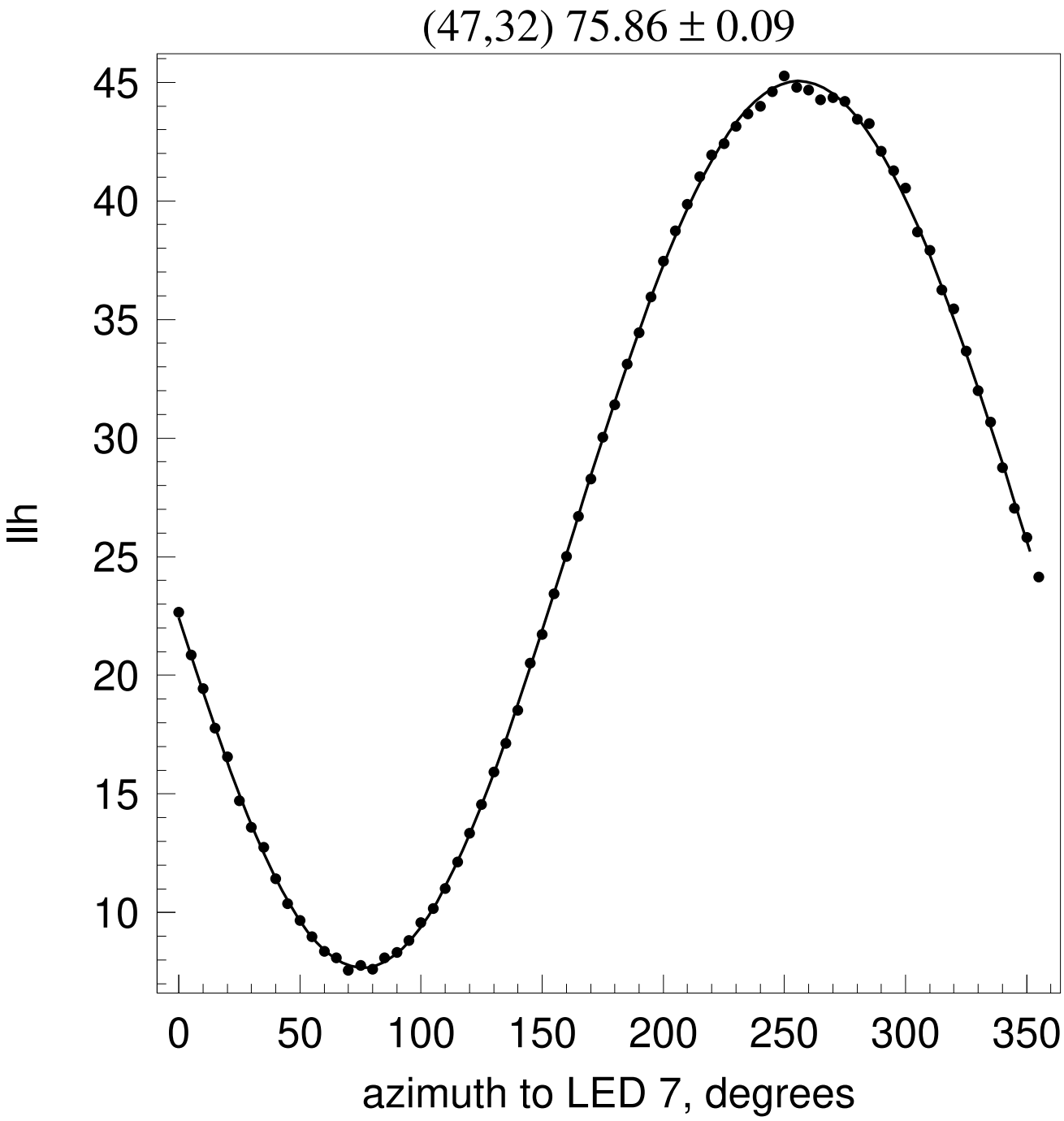

(47,27) 340.25 ± 0.07
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

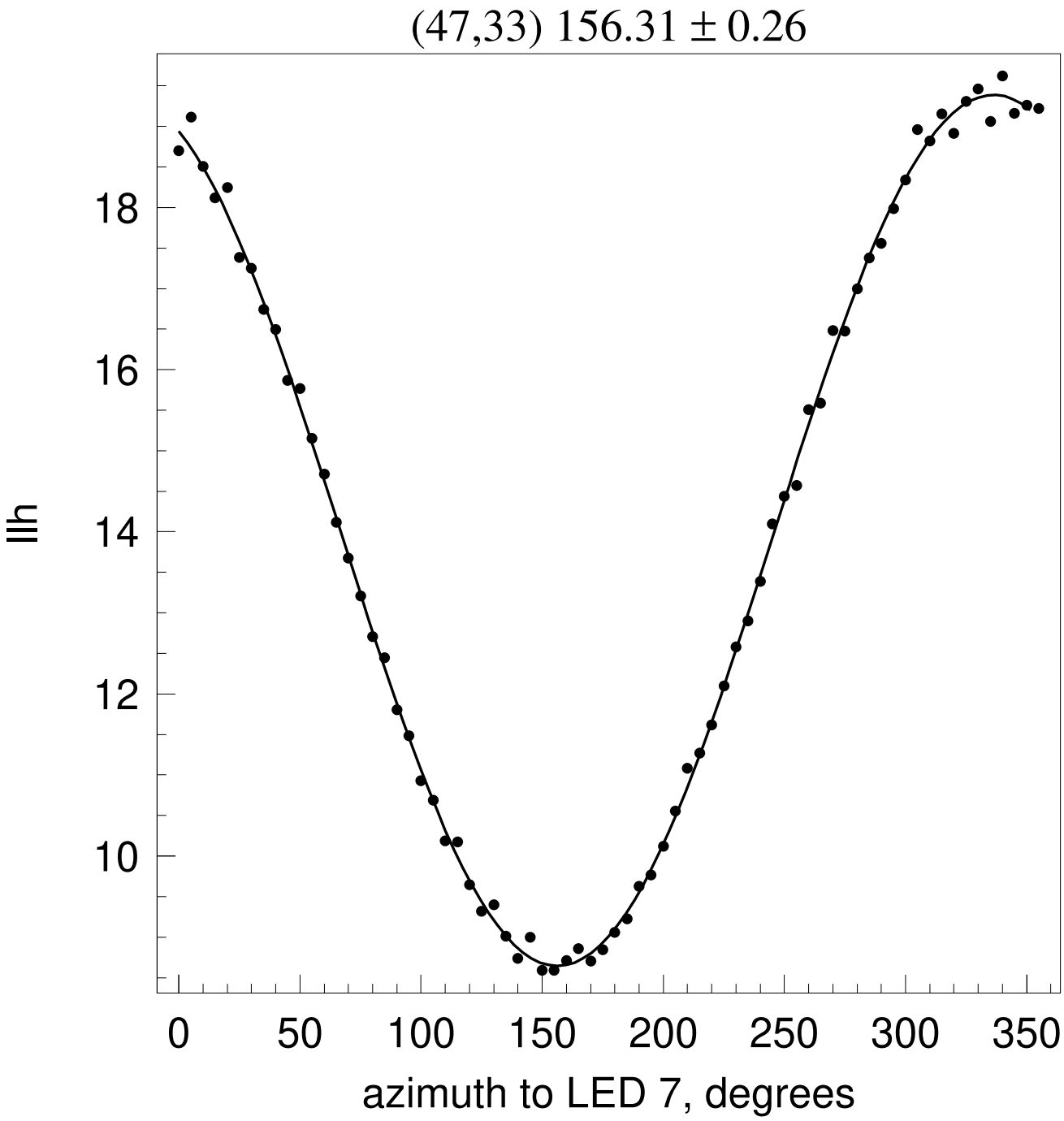

(47,28) 217.04 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

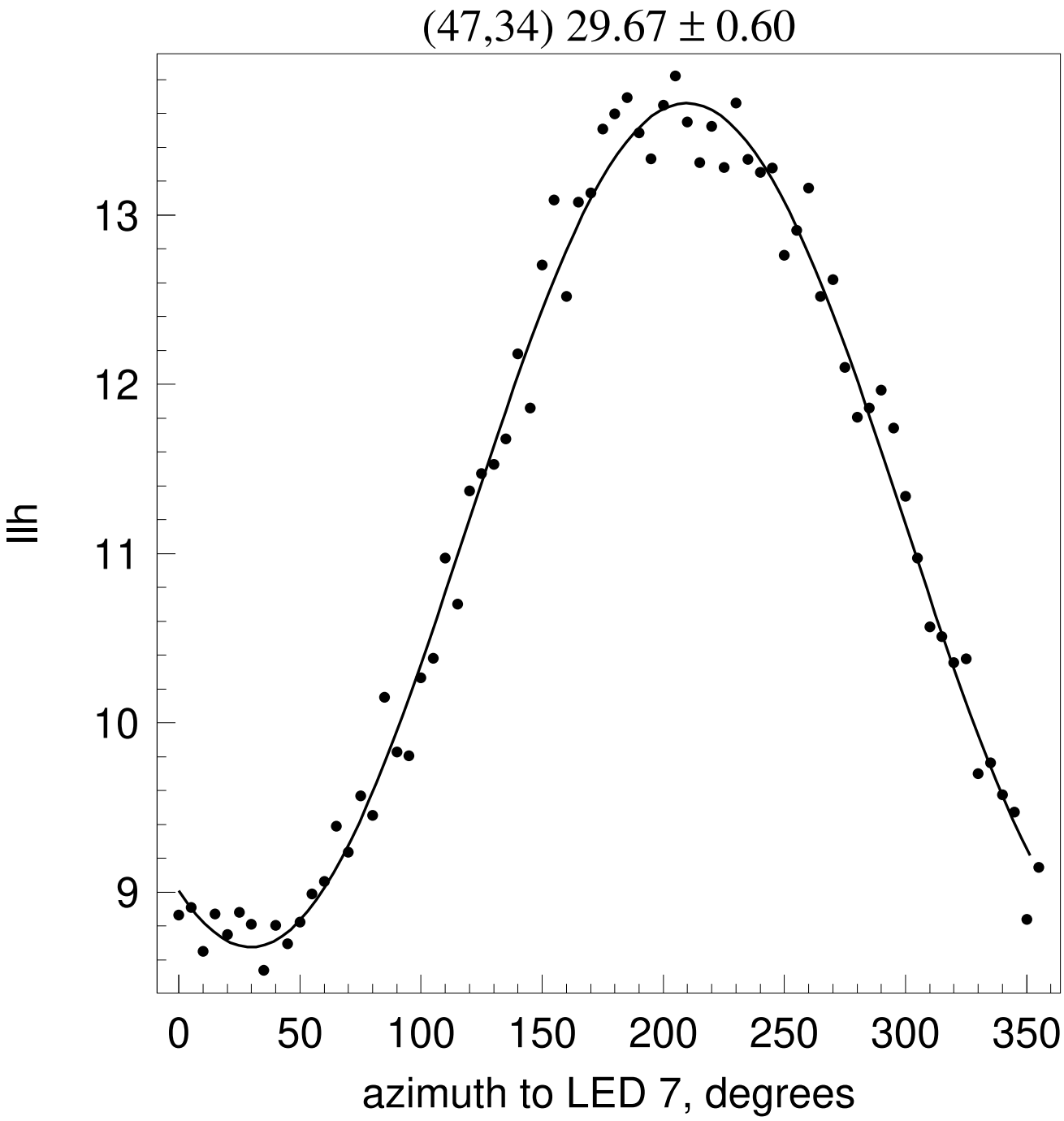

(47,29) 230.91 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

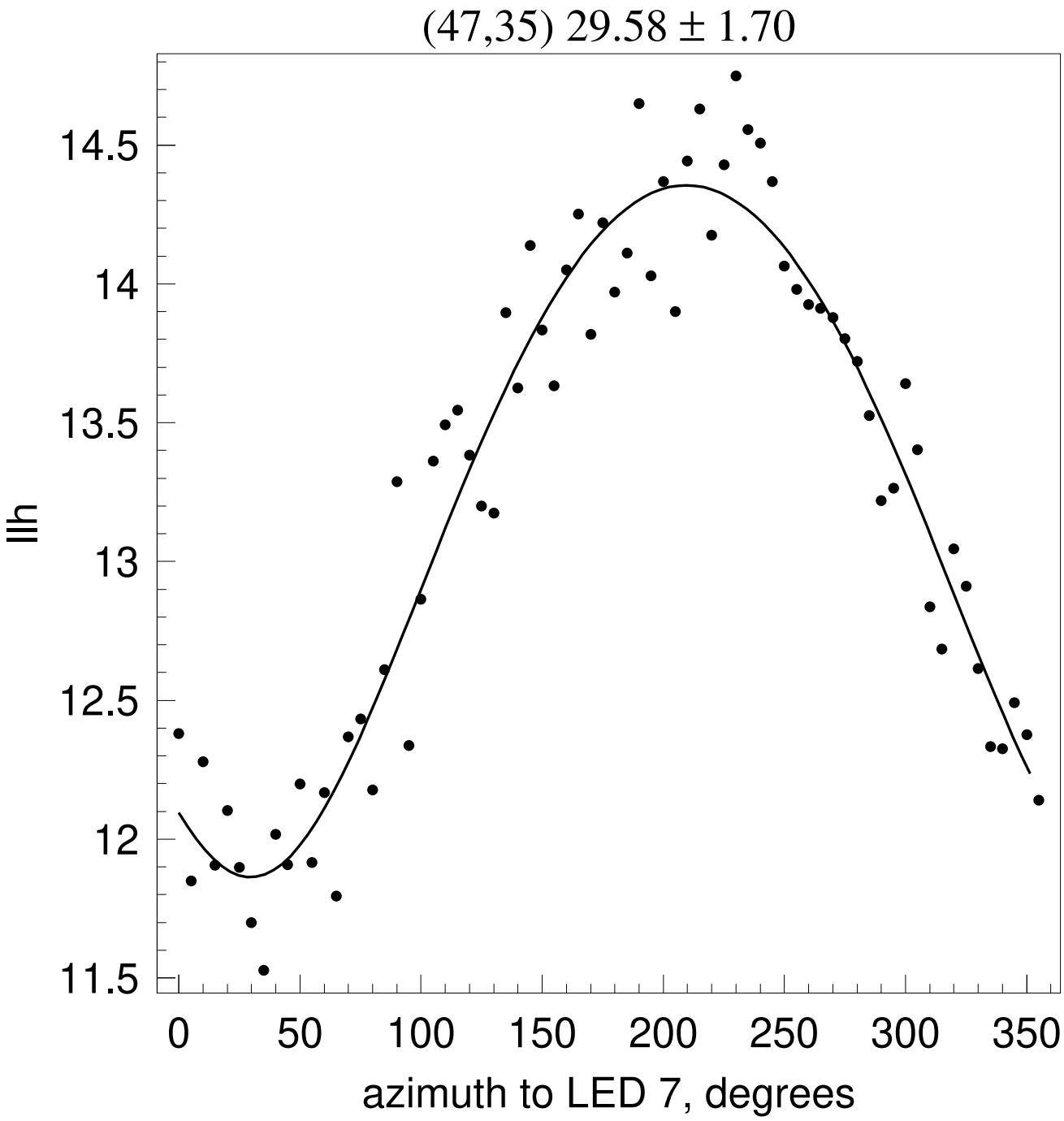

(47,30) 20.98 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

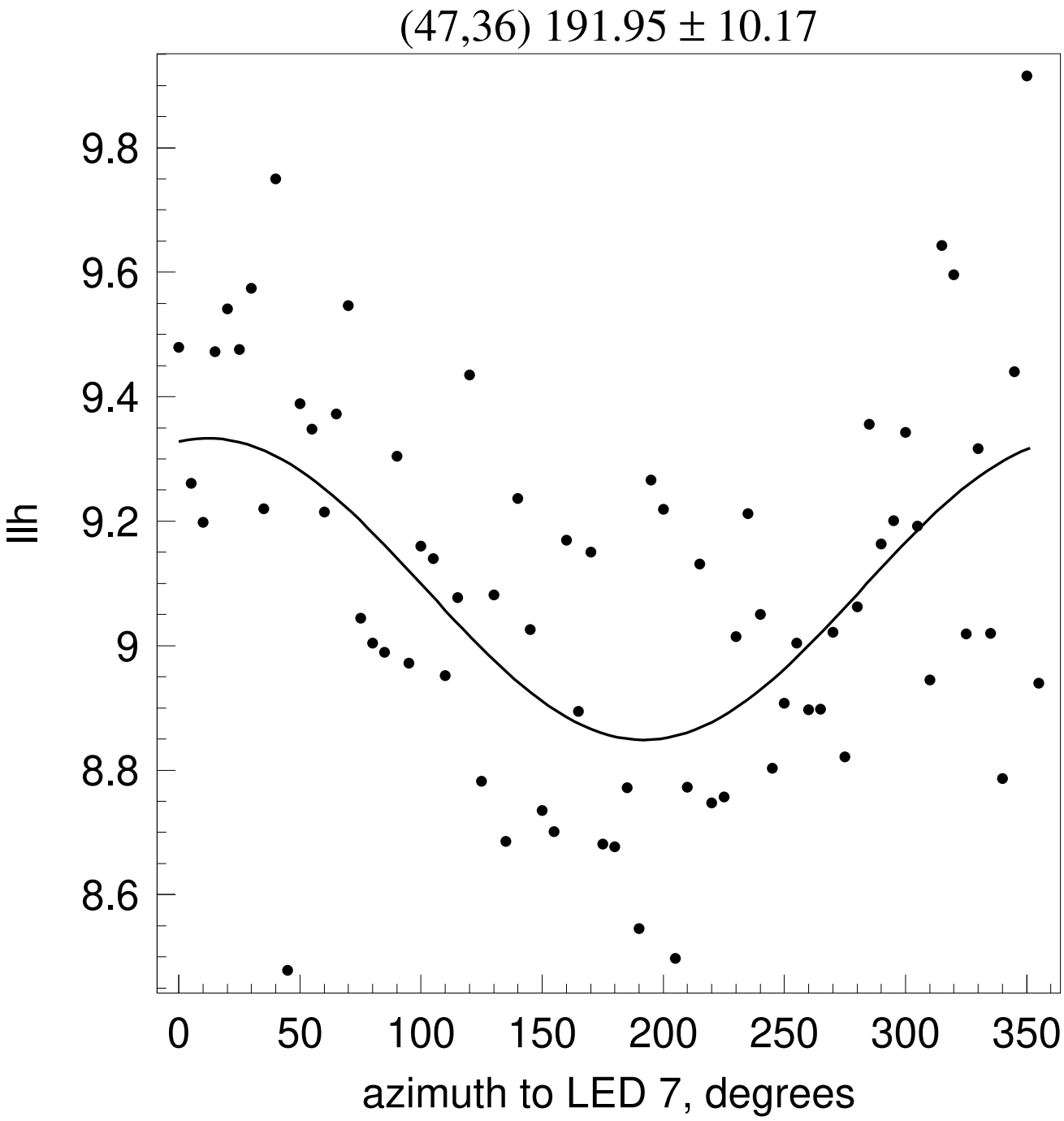

(47,31) 267.63 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

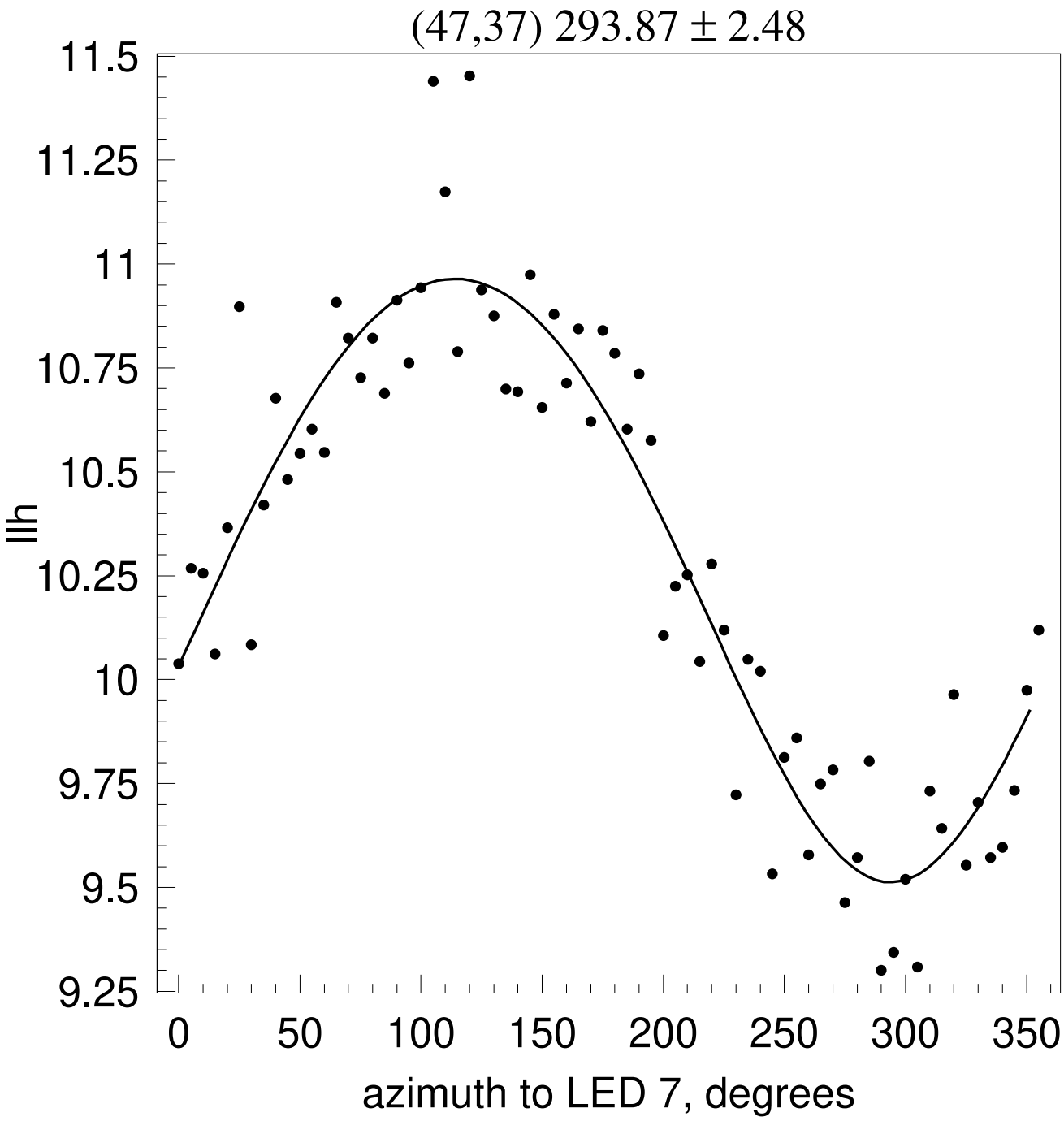

(47,32) 75.86 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

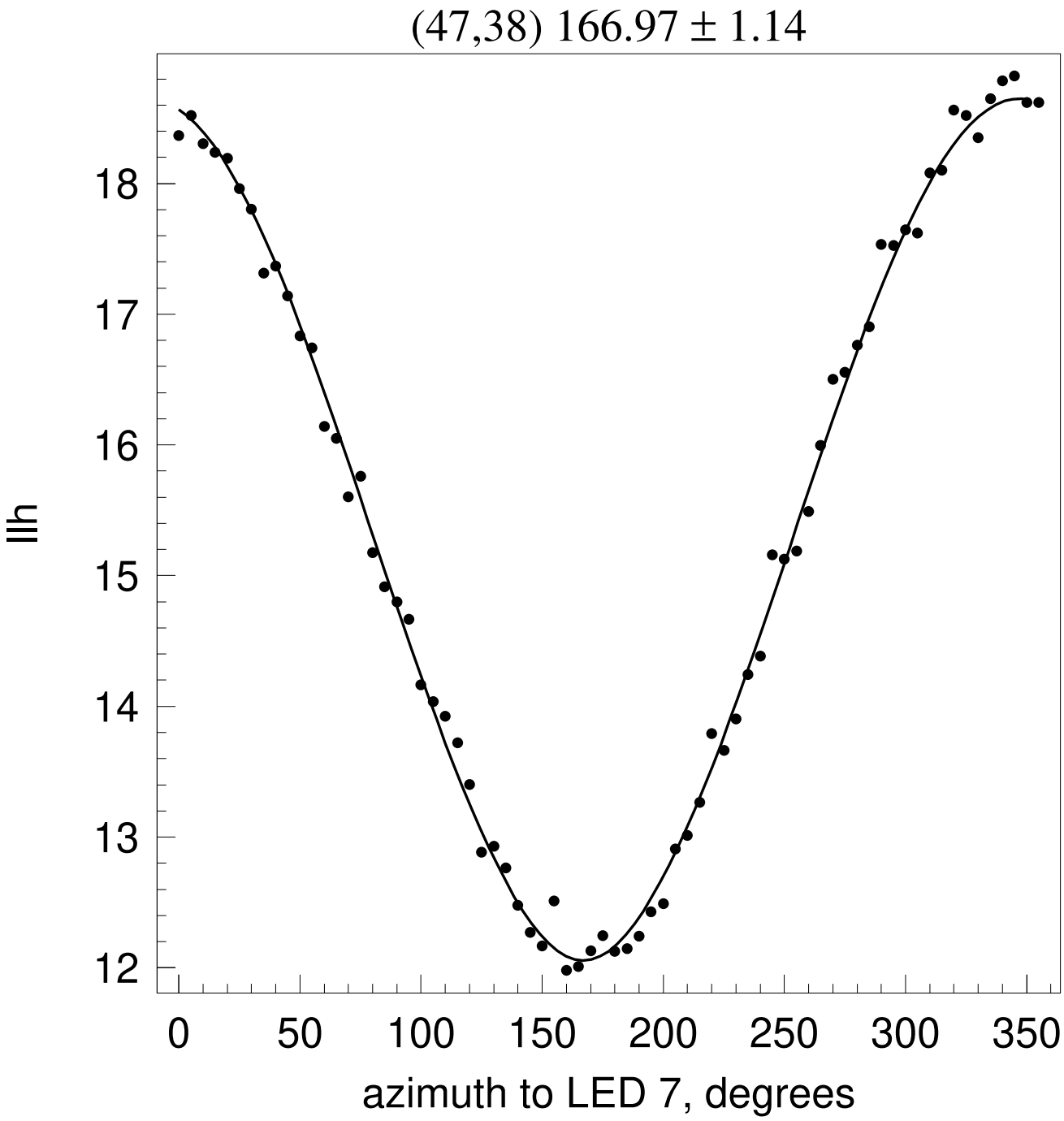

(47,33) 156.31 ± 0.26
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

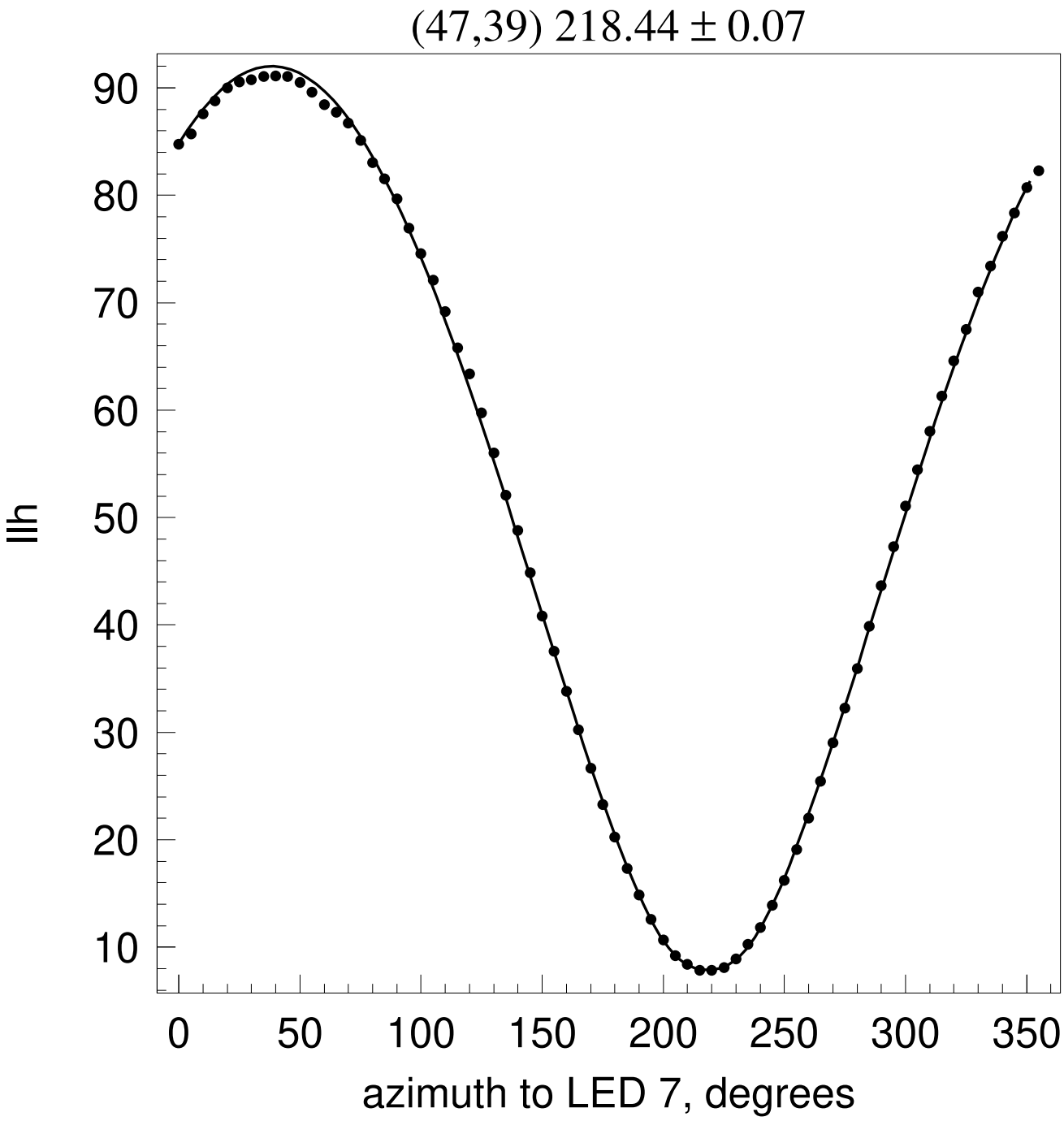

(47,34) 29.67 ± 0.60
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

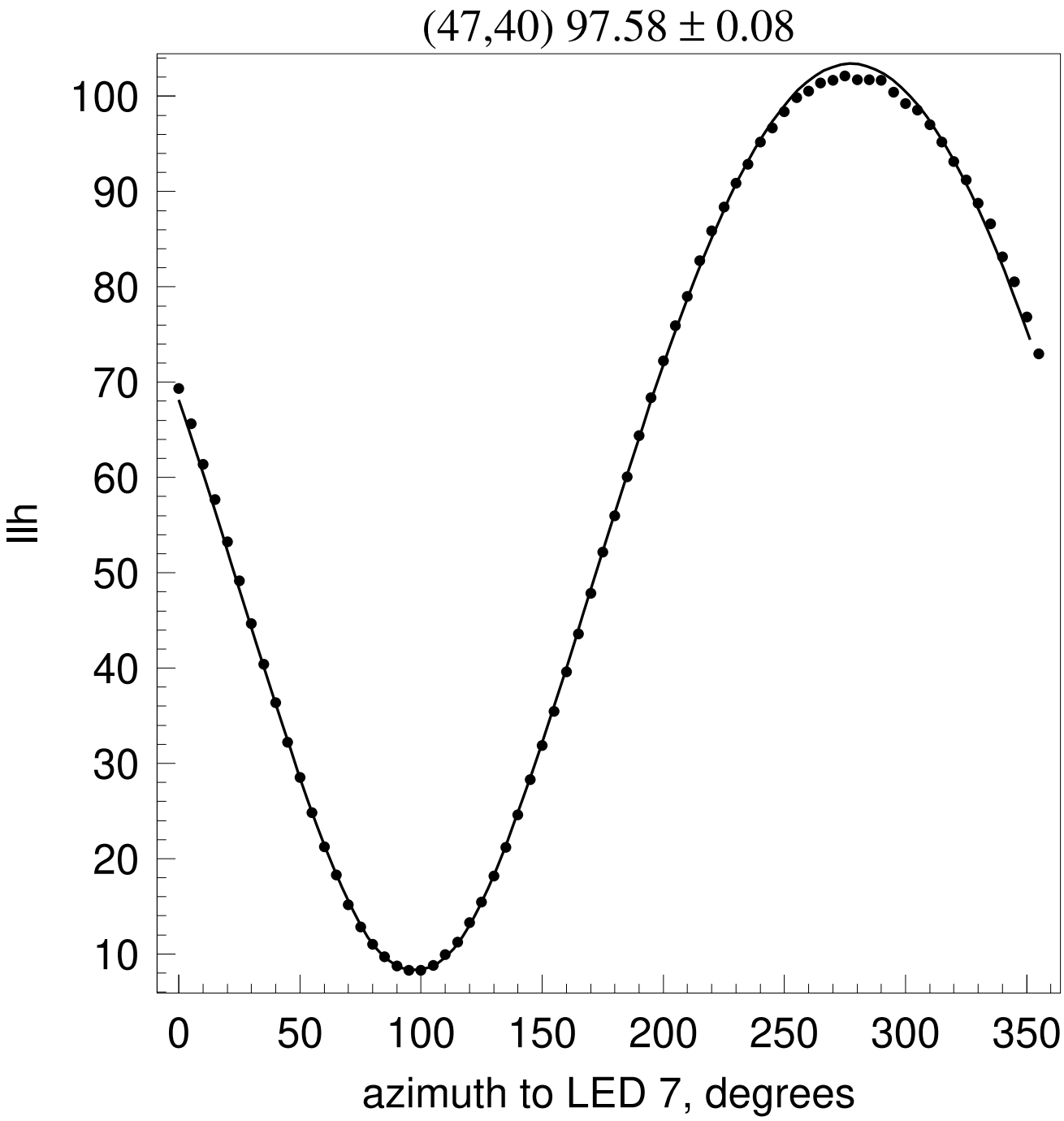

(47,35) 29.58 ± 1.70
14.5
14
13.5
13
12.5
12
11.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

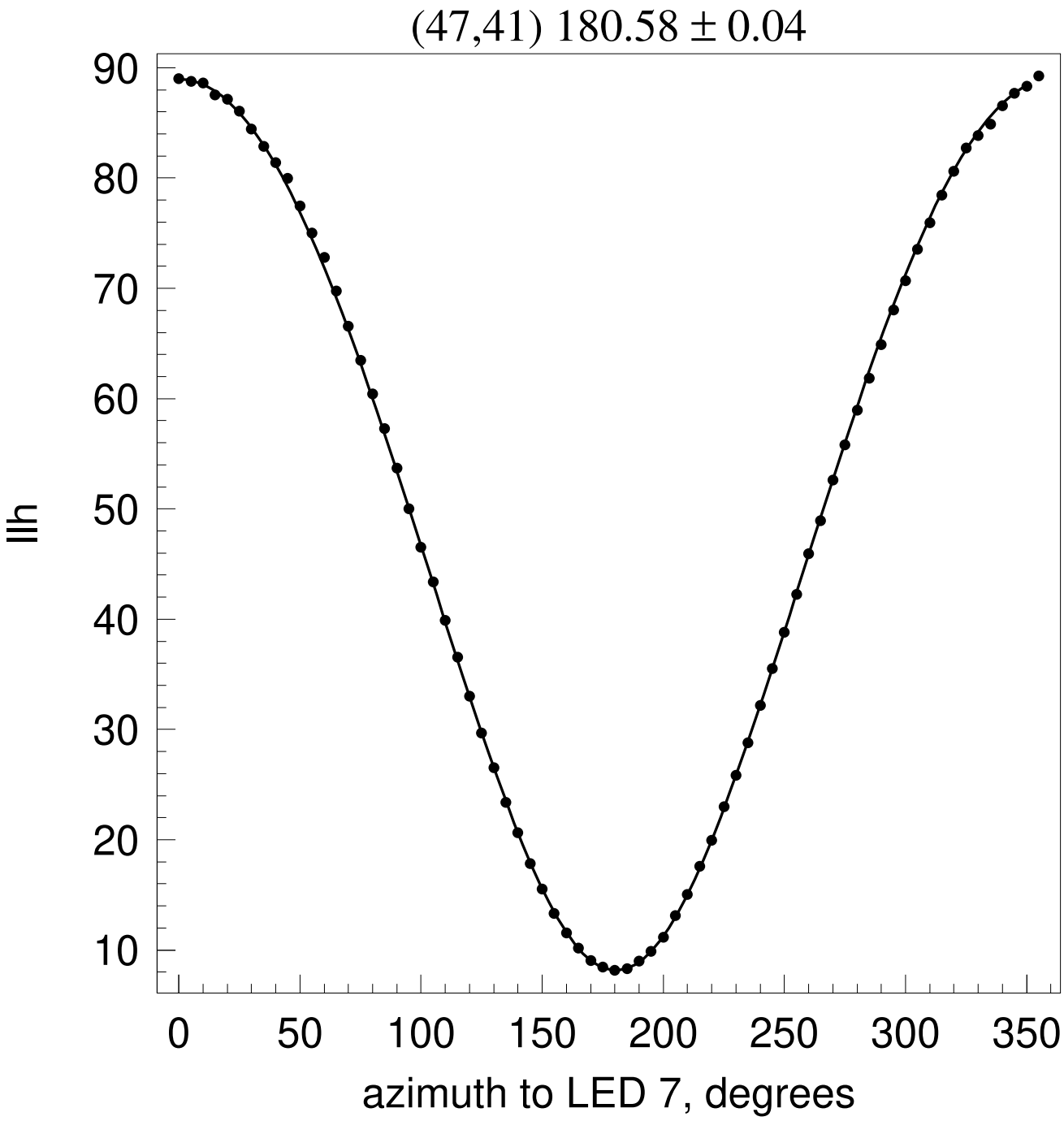

(47,36) 191.95 ± 10.17
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

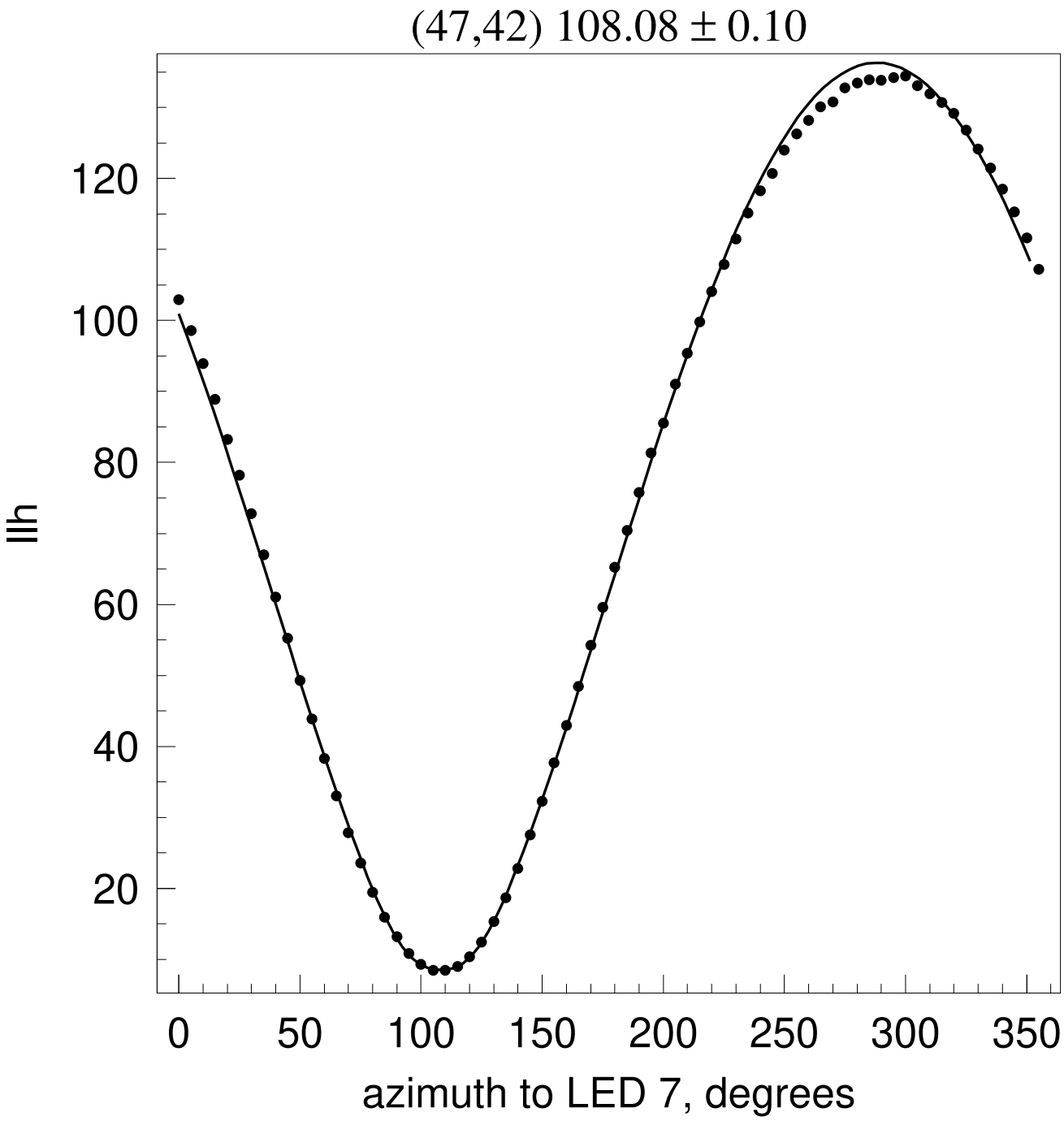

(47,37) 293.87 ± 2.48
11.5
11.25
11
10.75
10.5
10.25
10
9.75
9.5
9.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

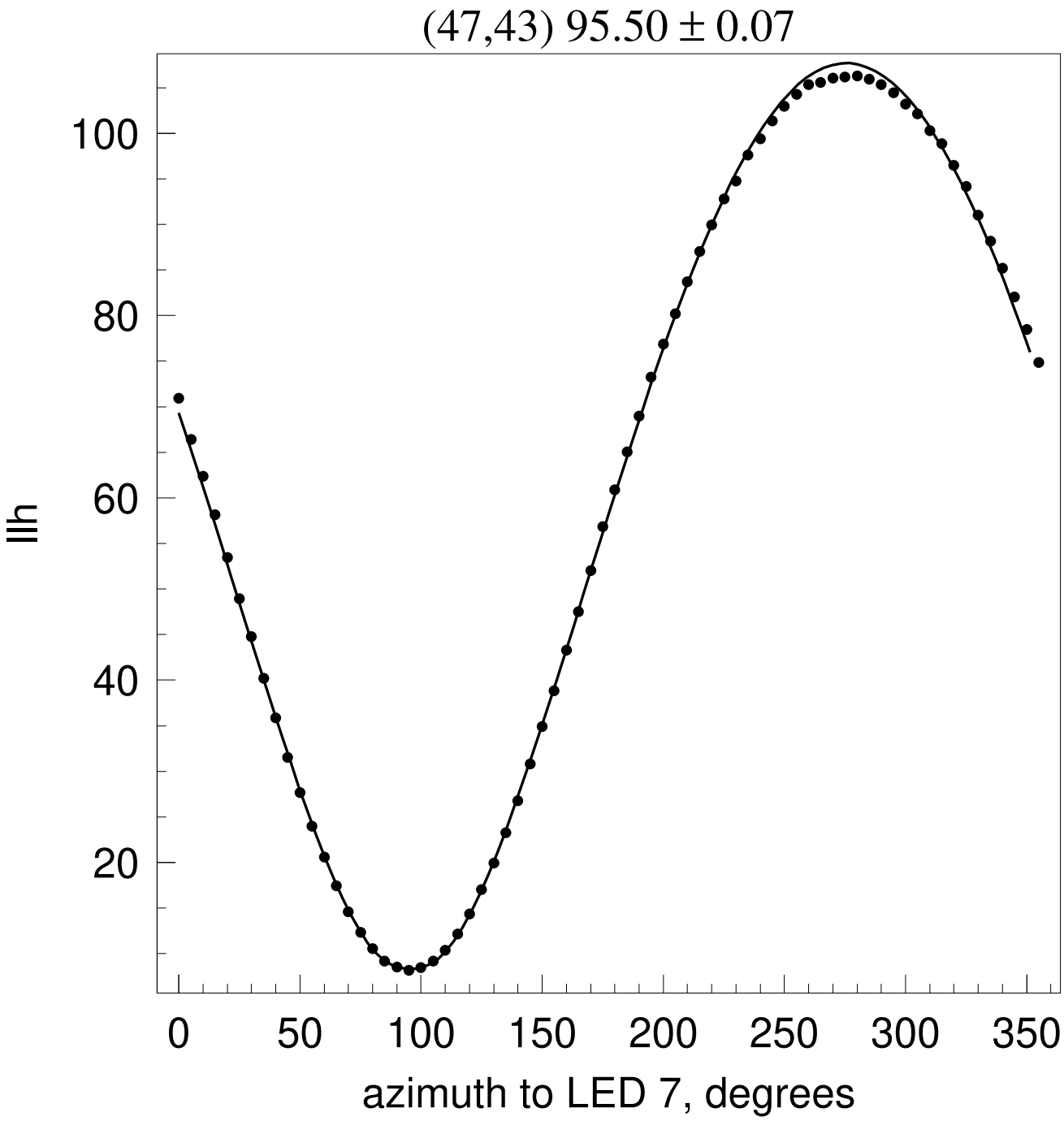

(47,38) 166.97 ± 1.14
18
17
16
15
14
13
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

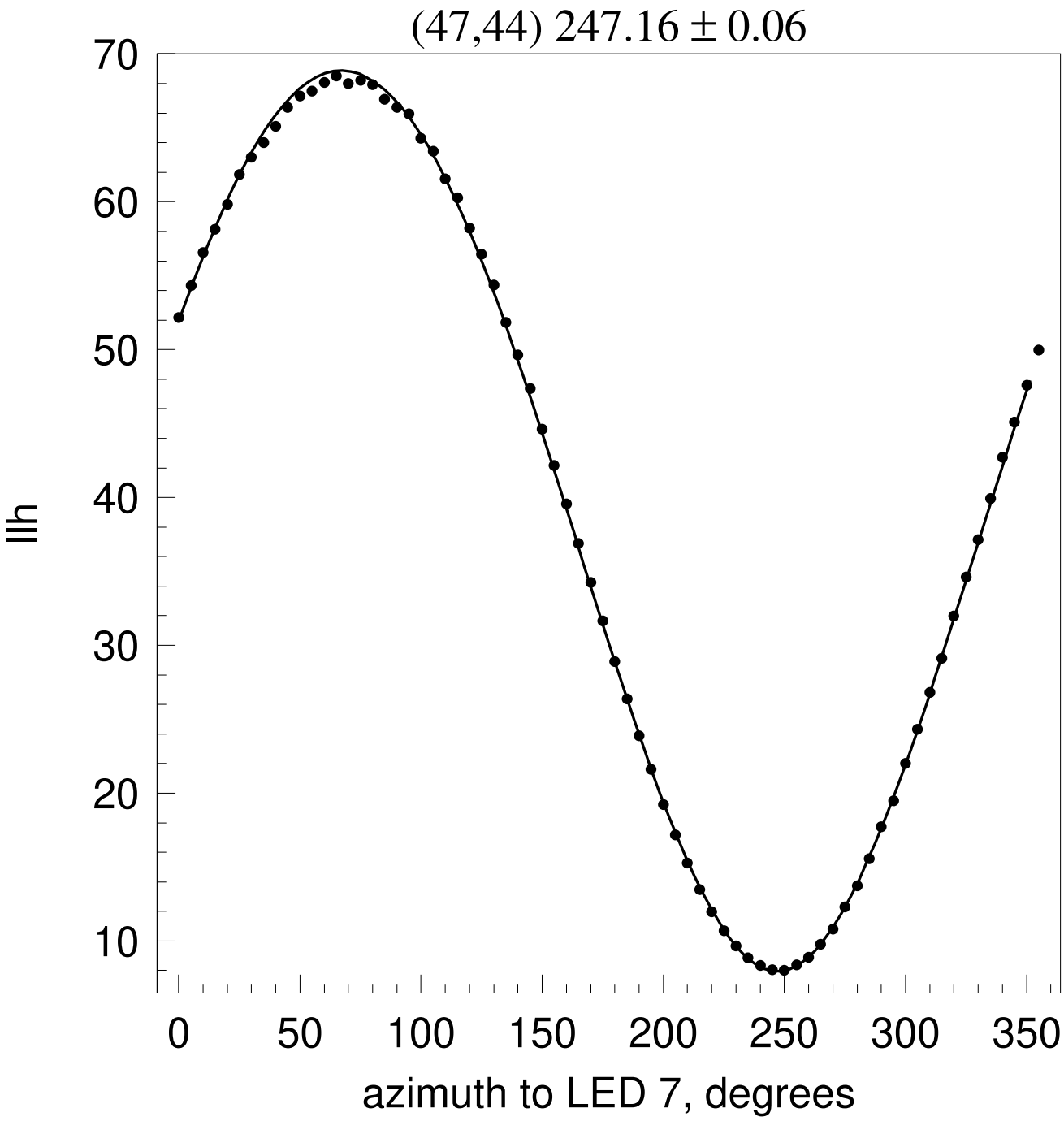

(47,39) 218.44 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

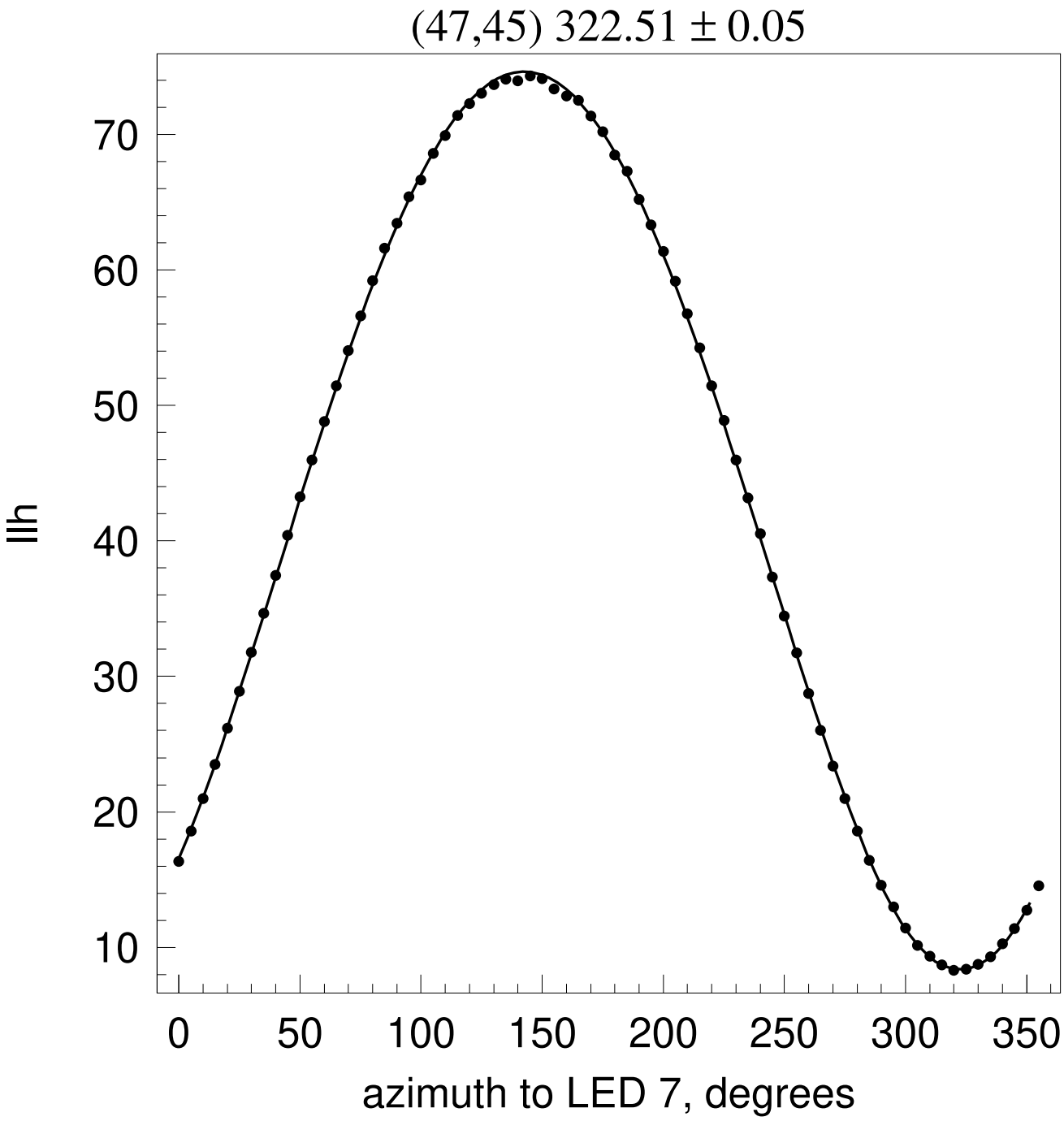

(47,40) 97.58 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

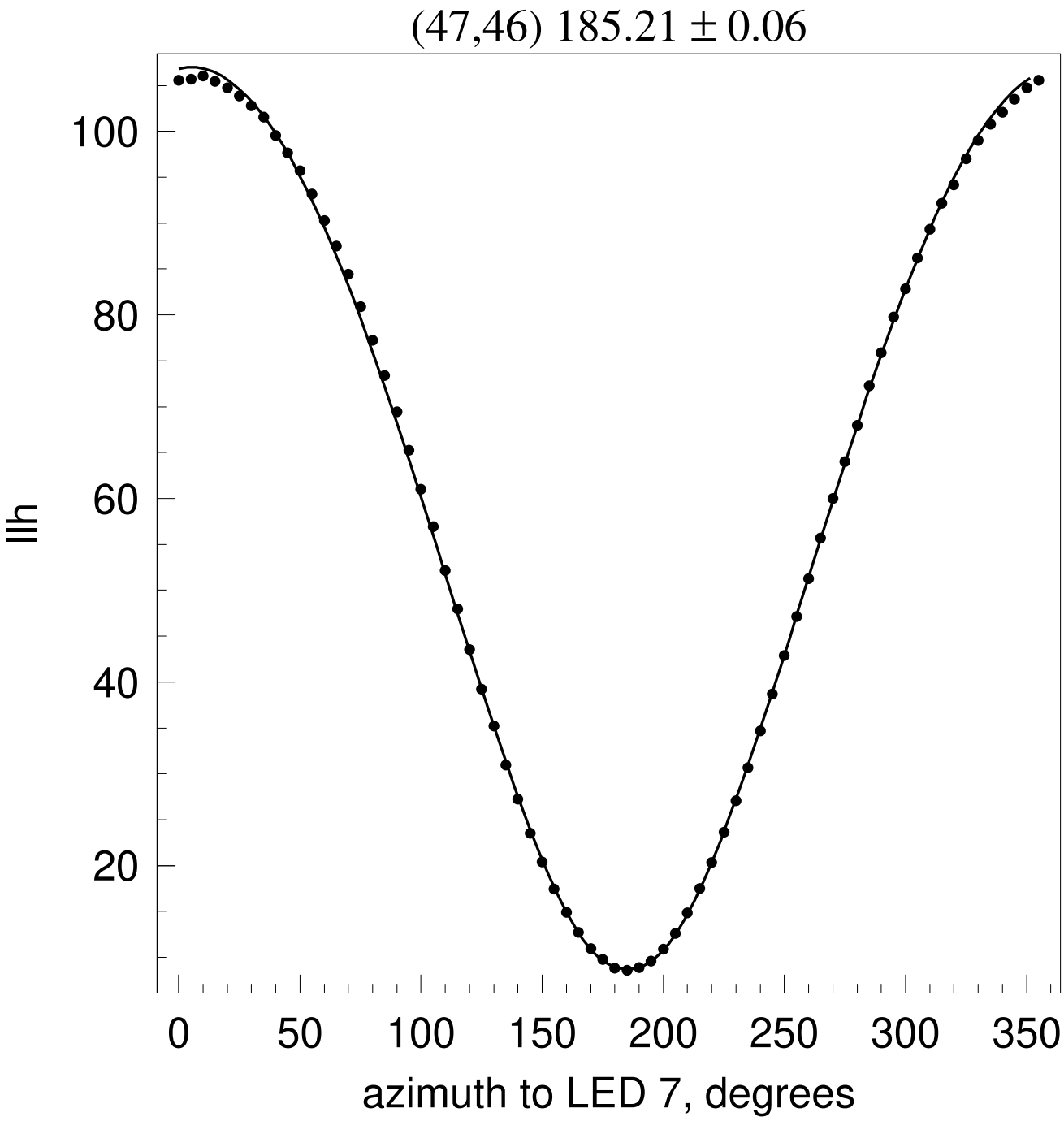

(47,41) 180.58 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

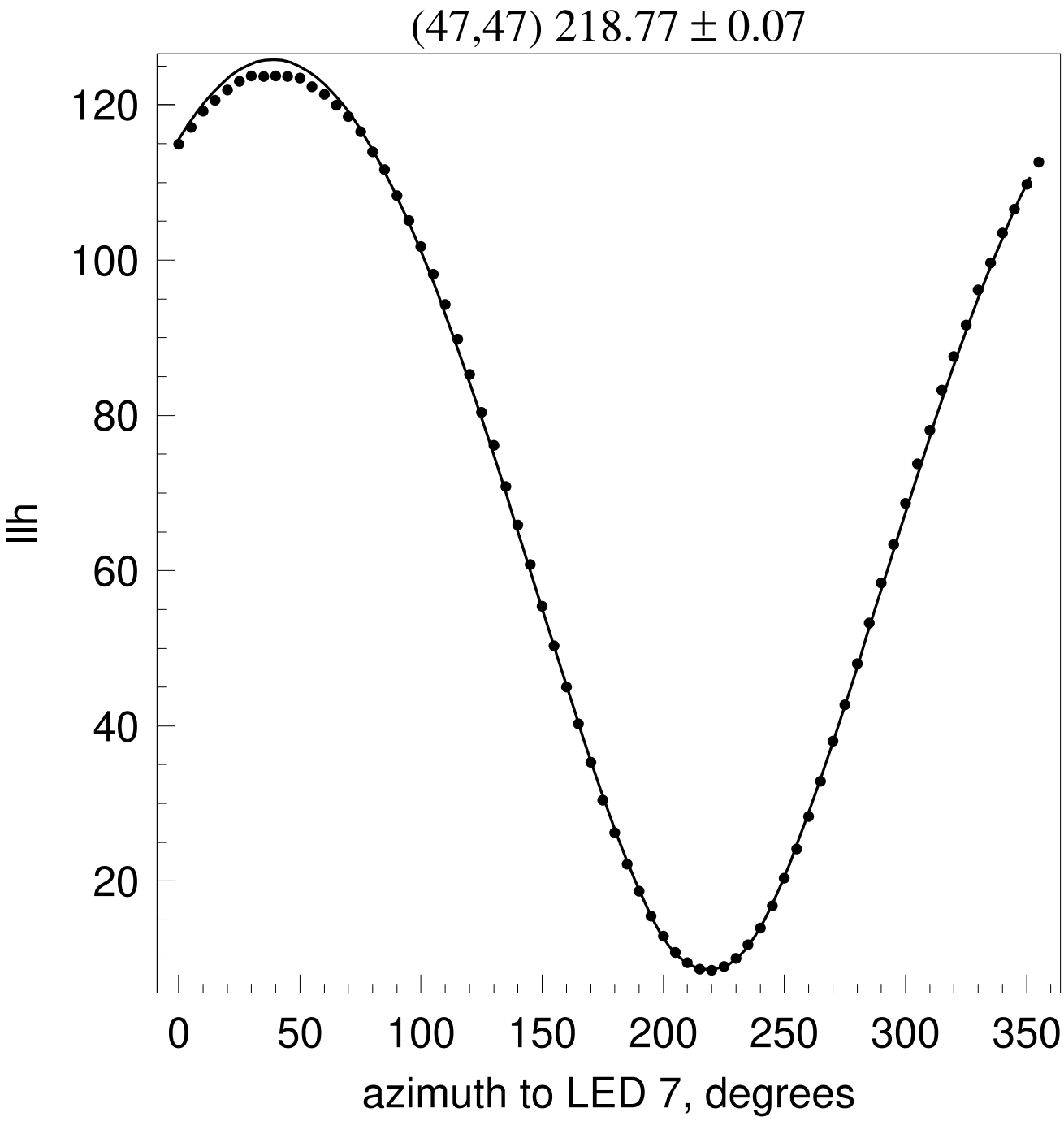

(47,42) 108.08 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

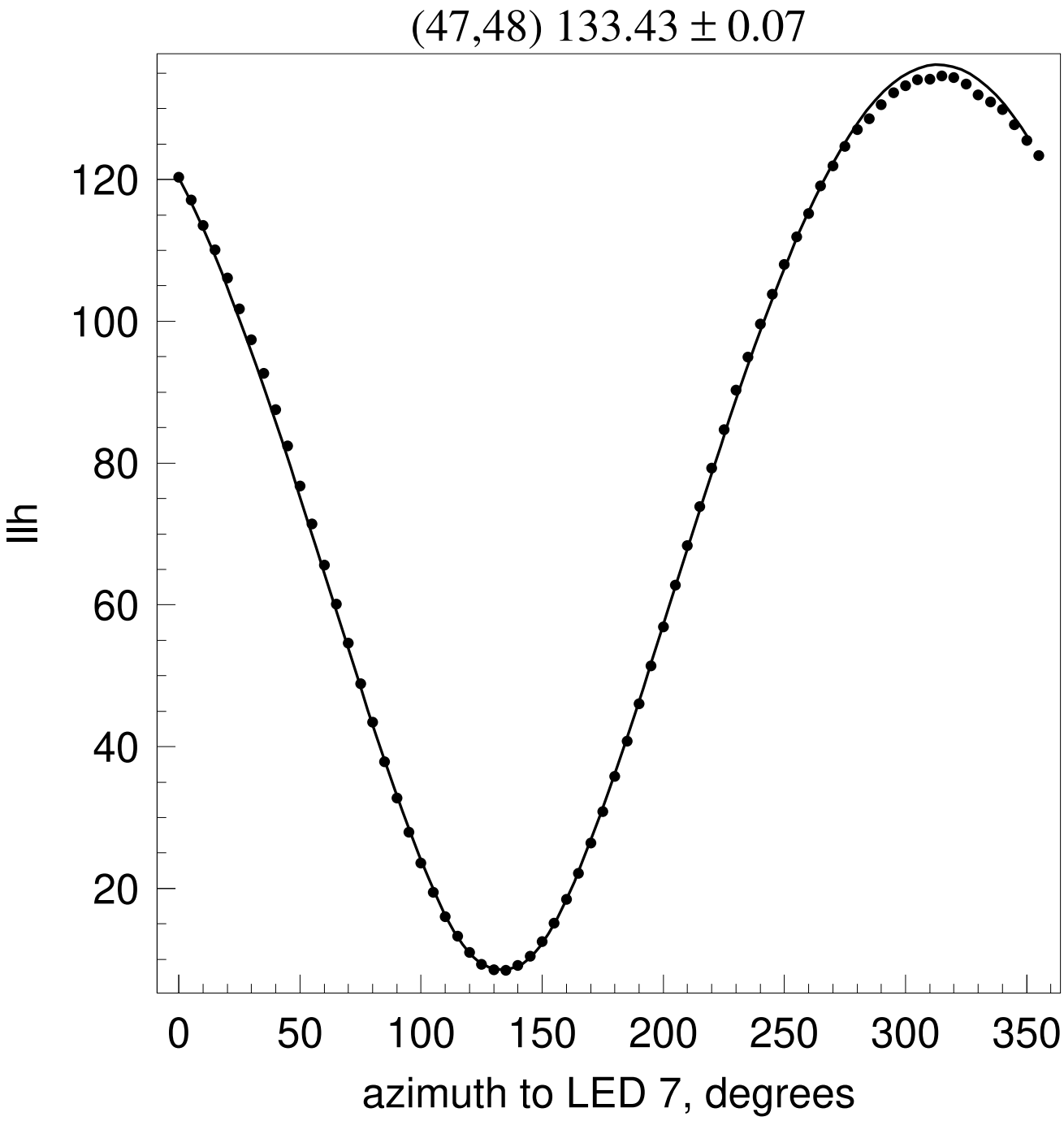

(47,43) 95.50 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

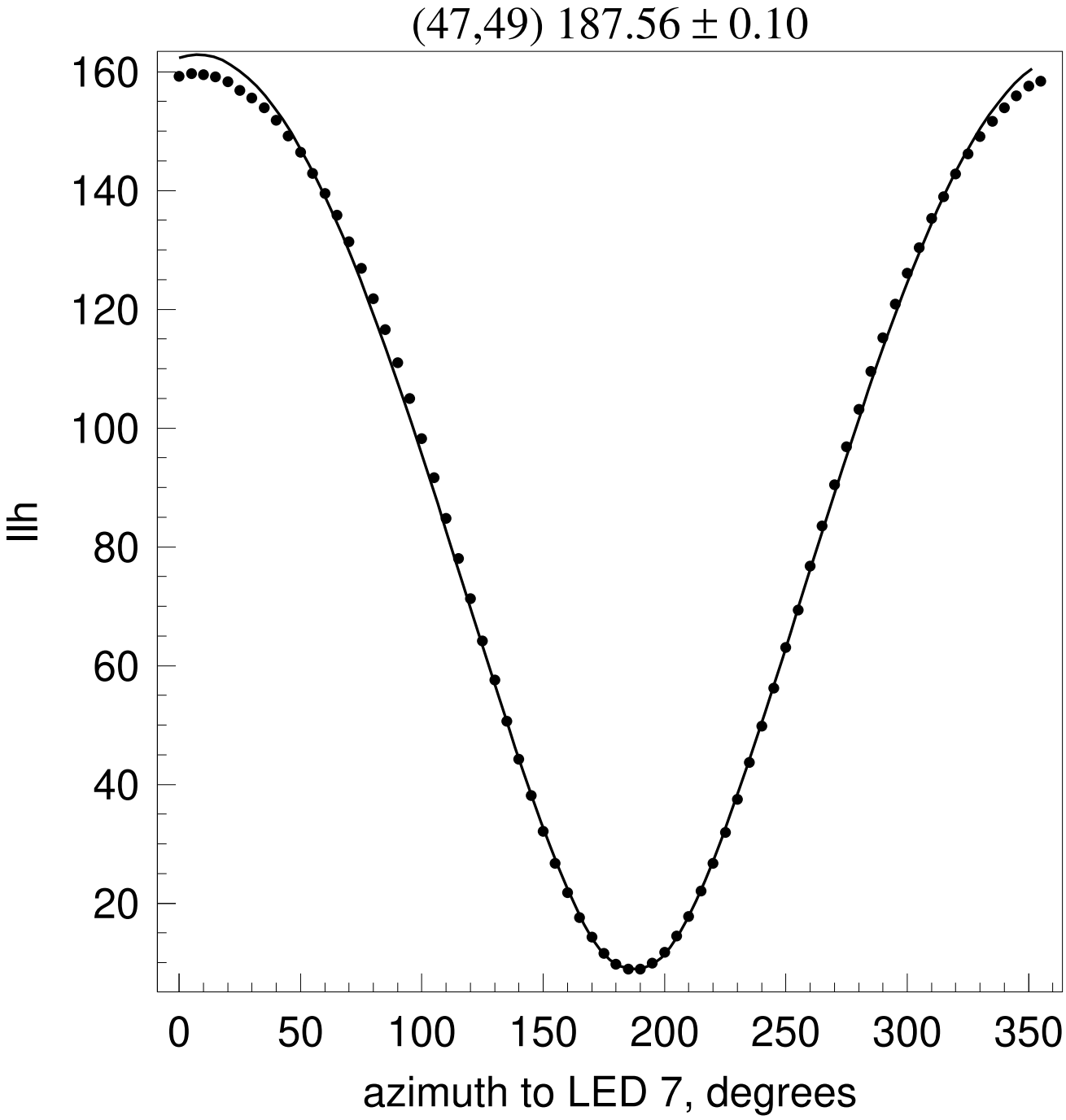

(47,44) 247.16 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

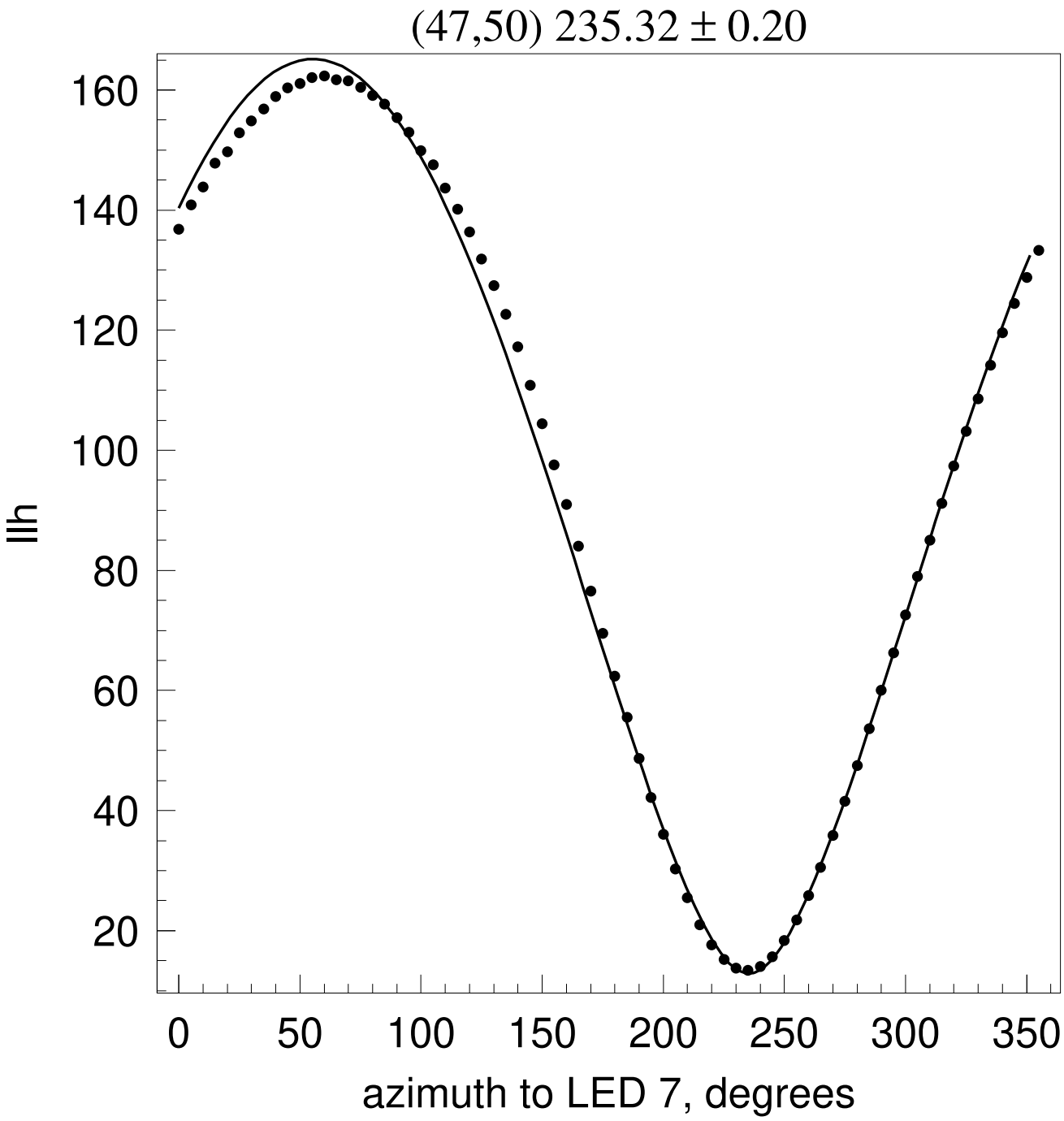

(47,45) 322.51 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

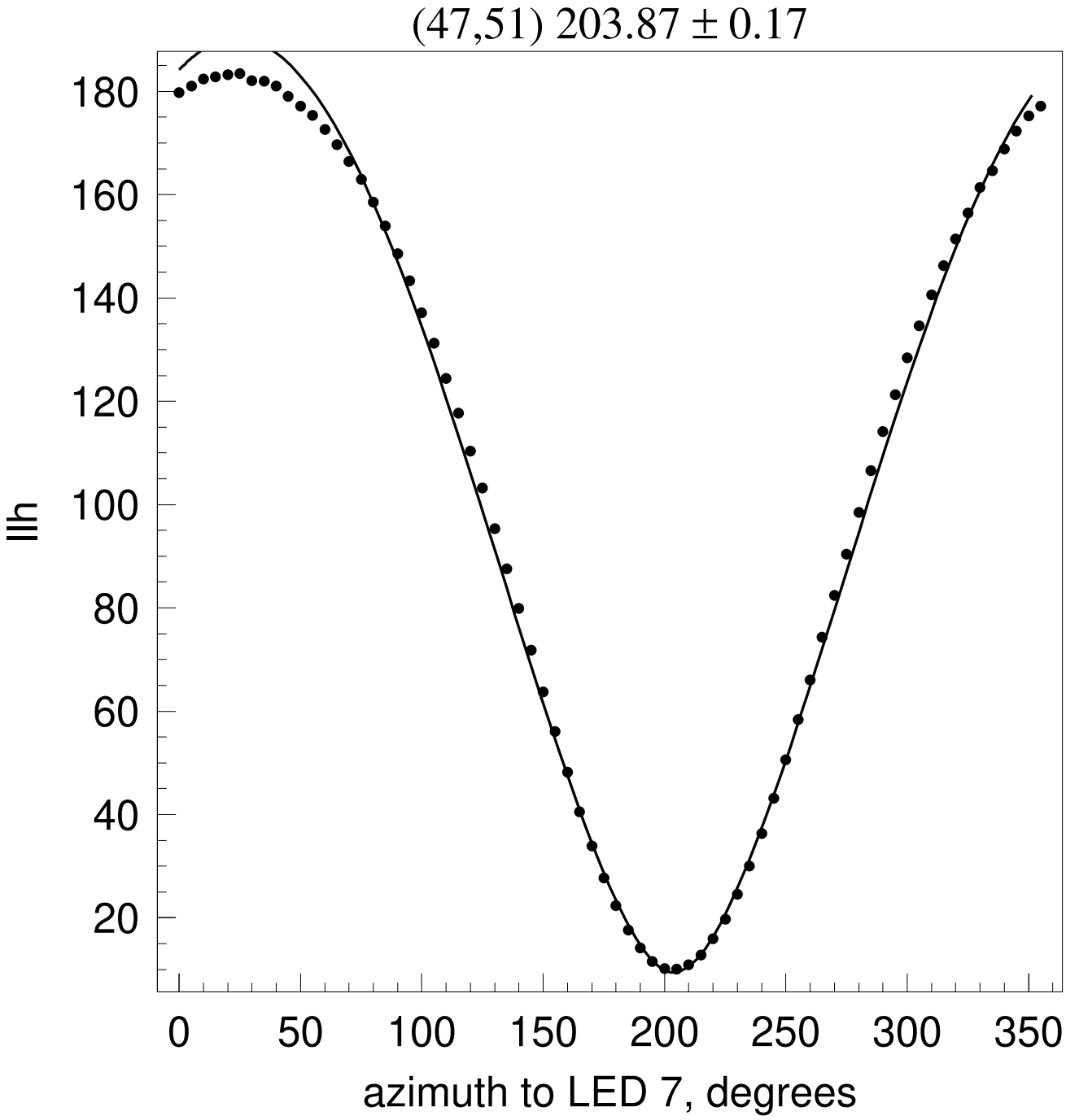

(47,46) 185.21 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

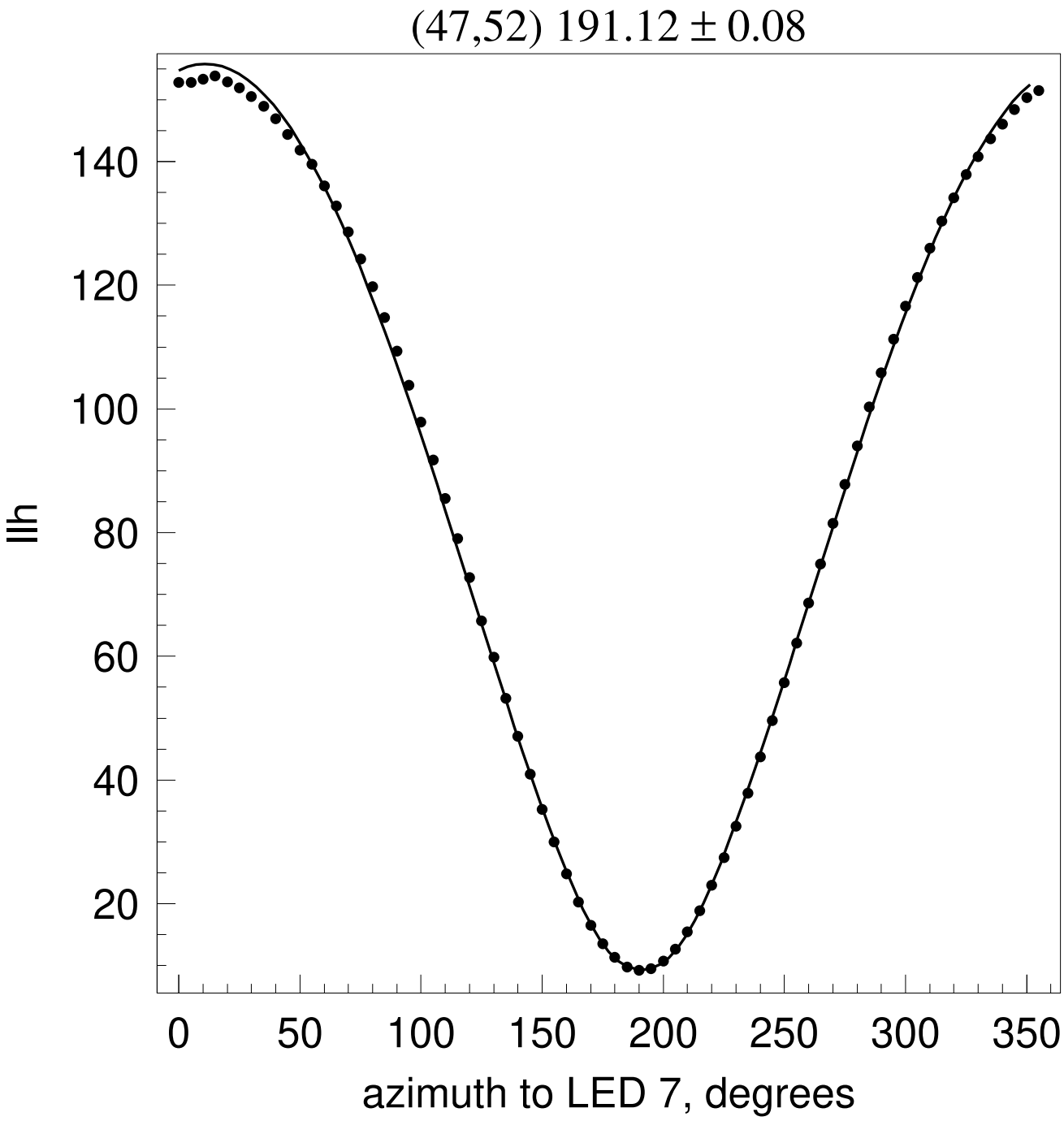

(47,47) 218.77 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

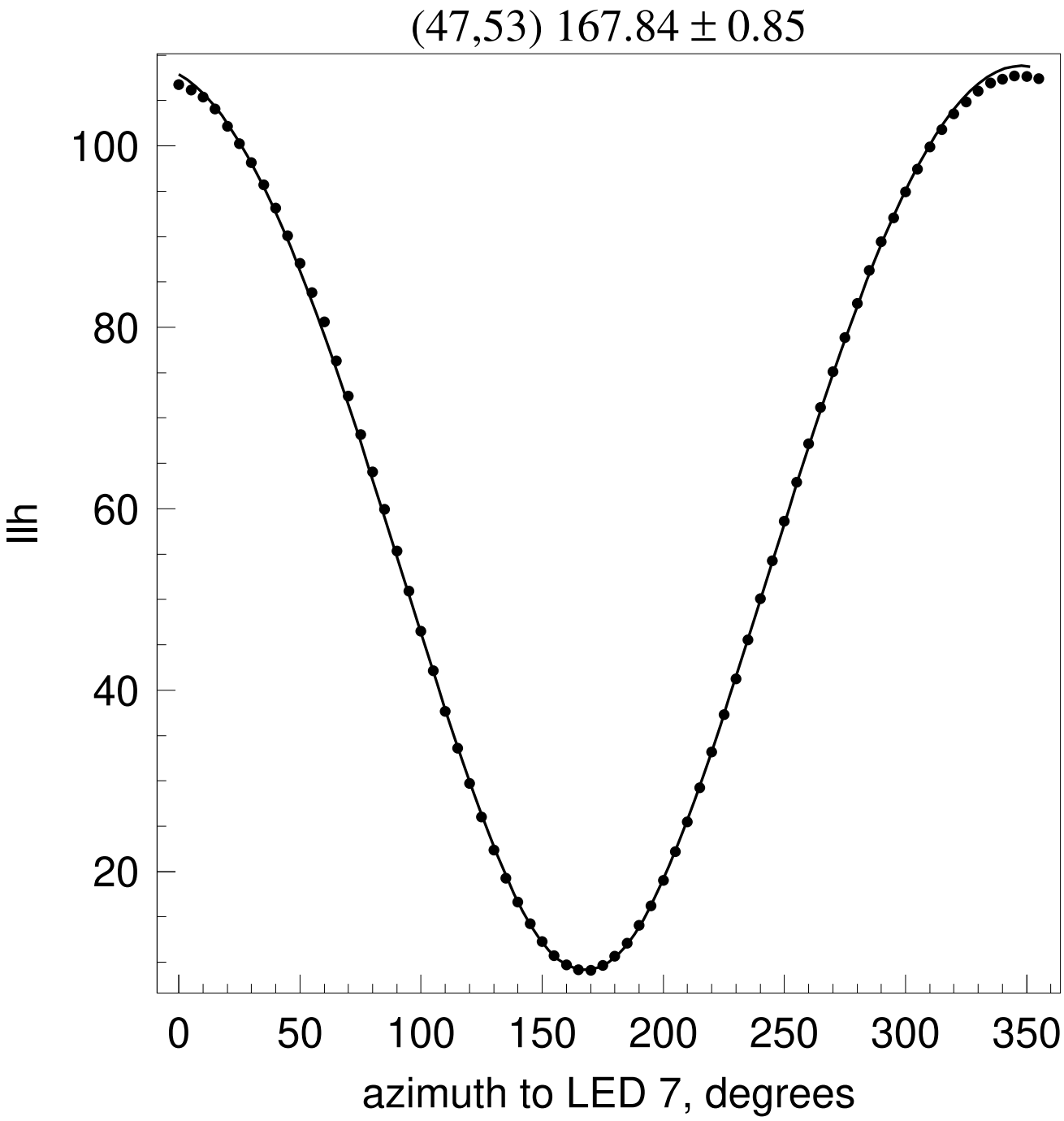

(47,48) 133.43 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

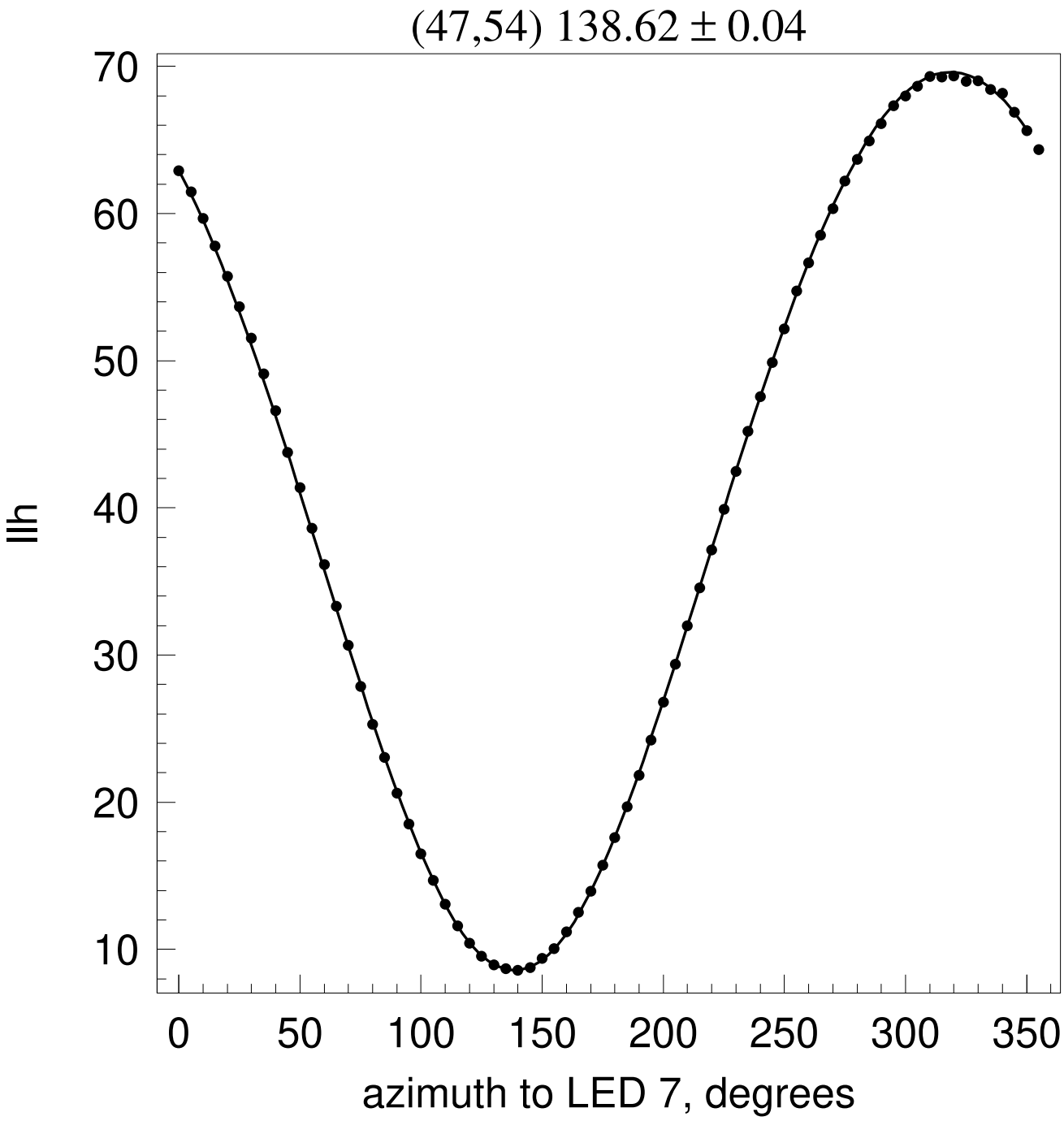

(47,49) 187.56 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

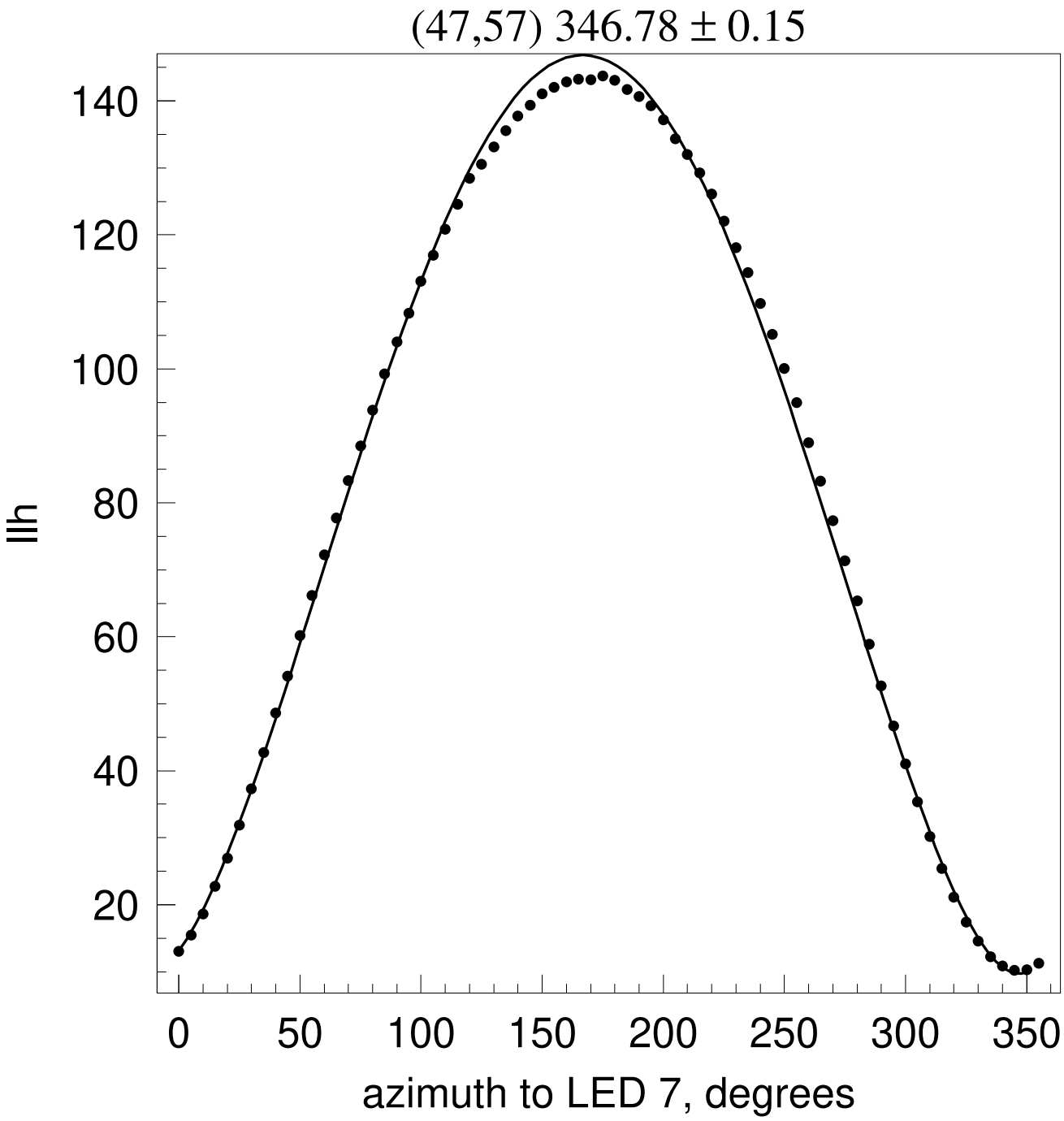

(47,50) 235.32 ± 0.20
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

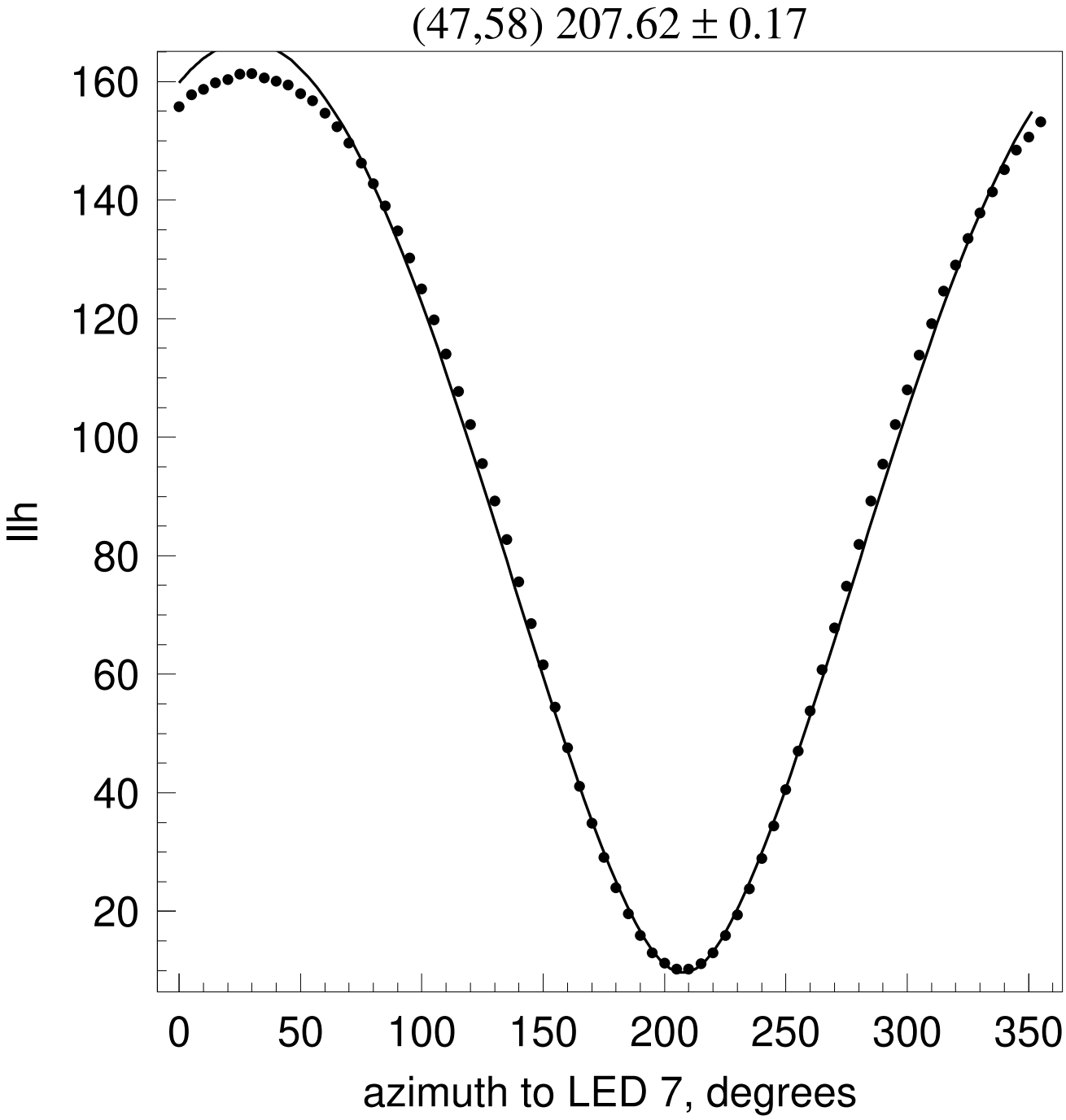

(47,51) 203.87 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

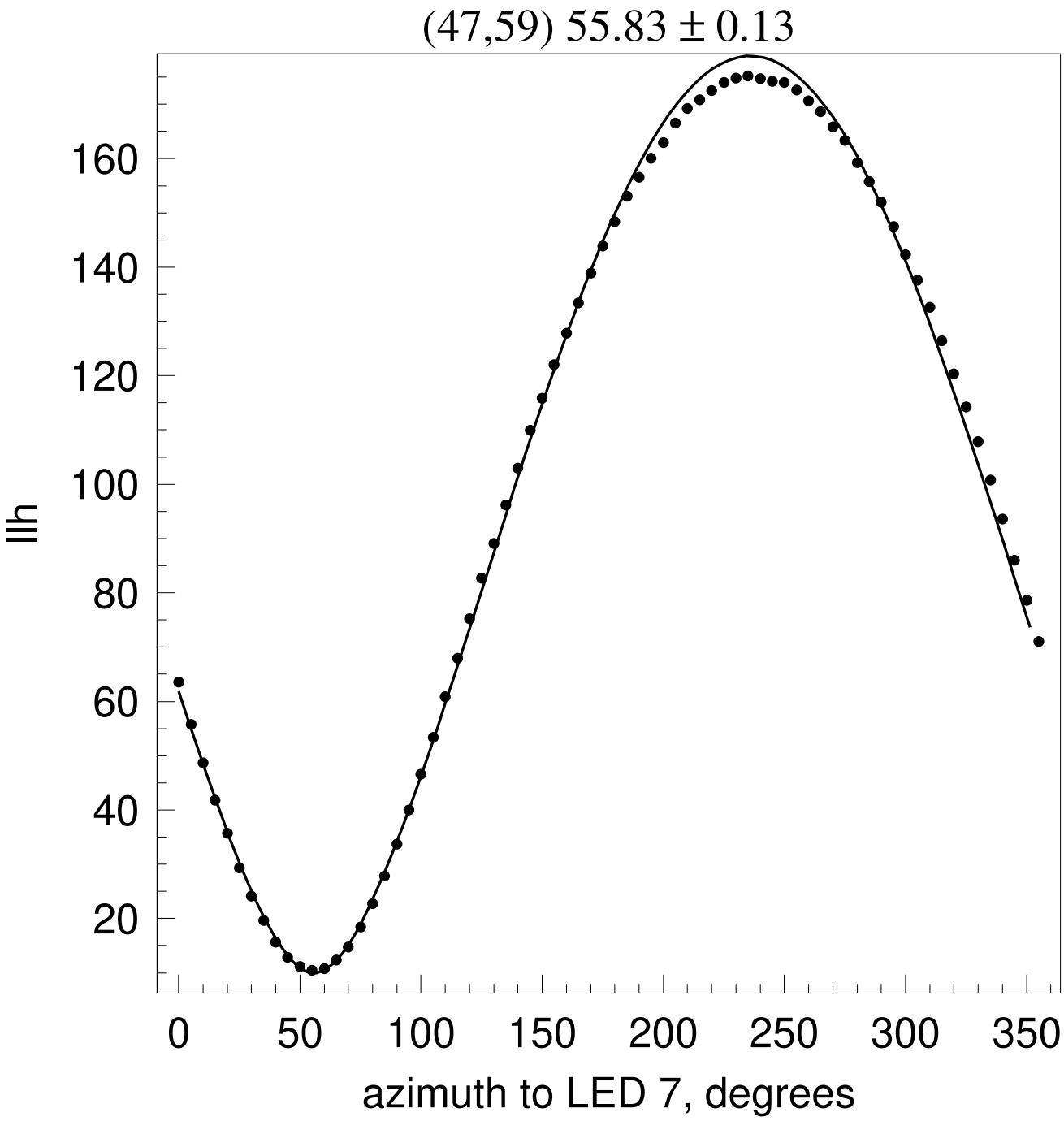

(47,52) 191.12 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

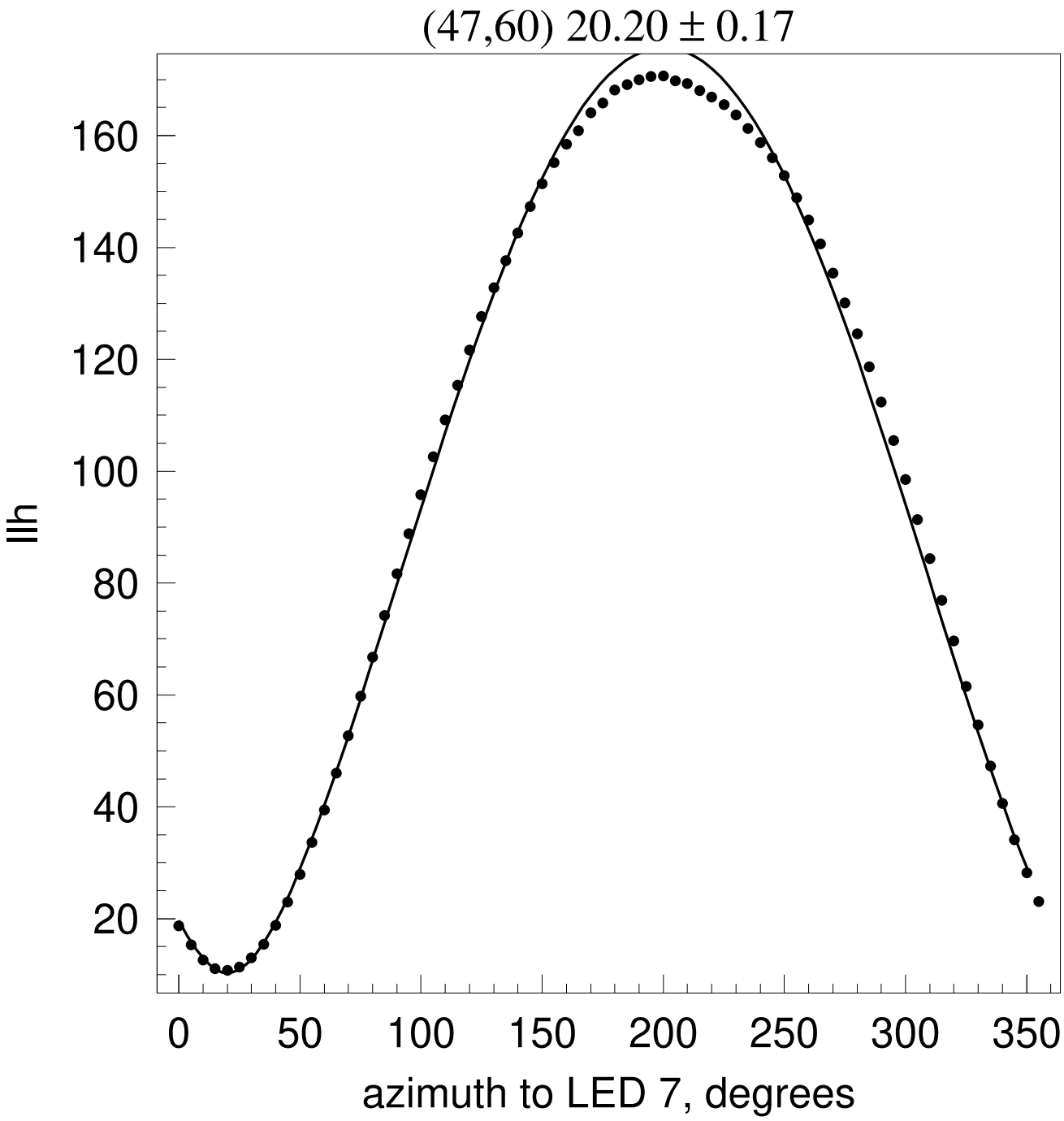

(47,53) 167.84 ± 0.85
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

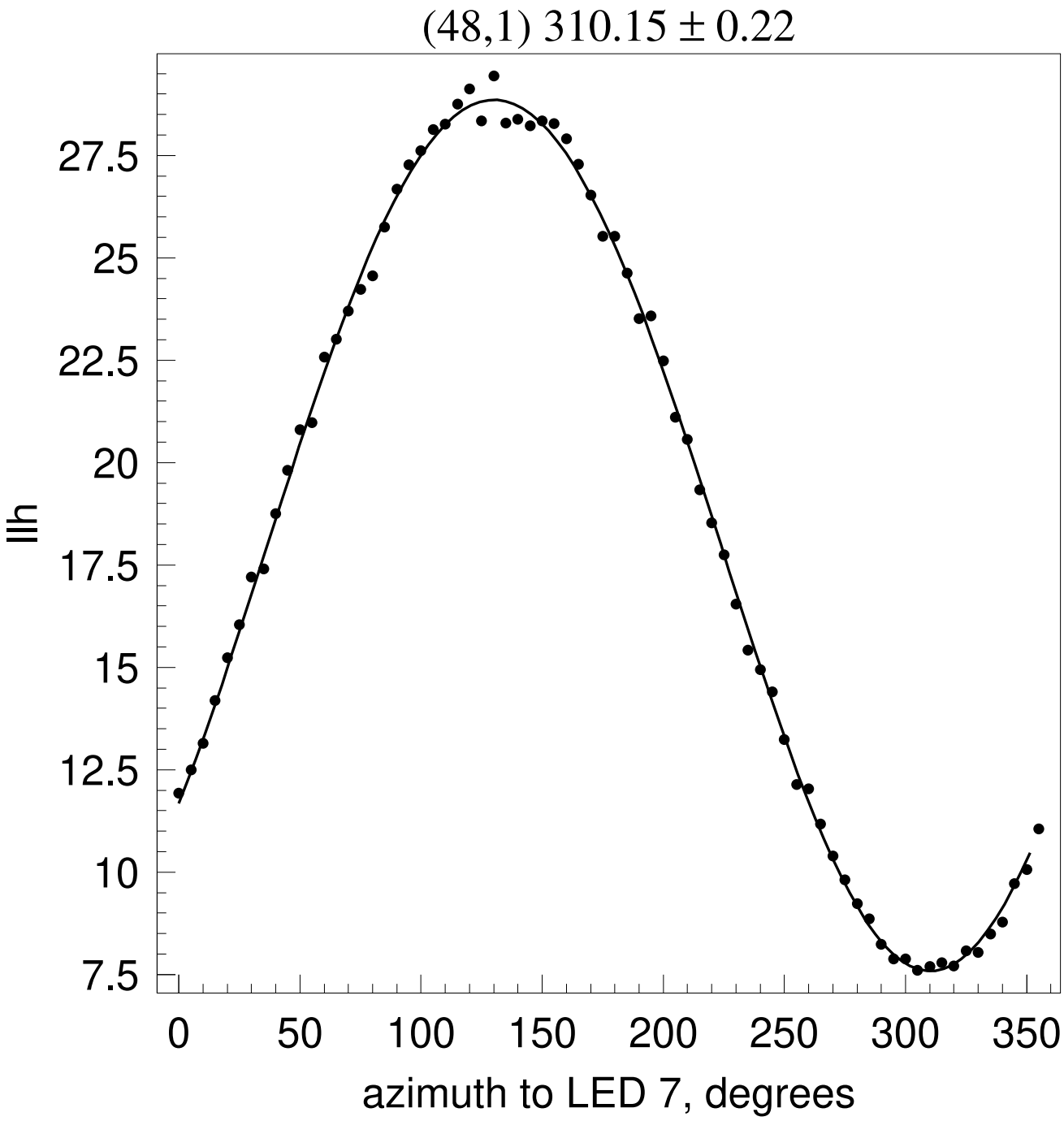

(47,54) 138.62 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

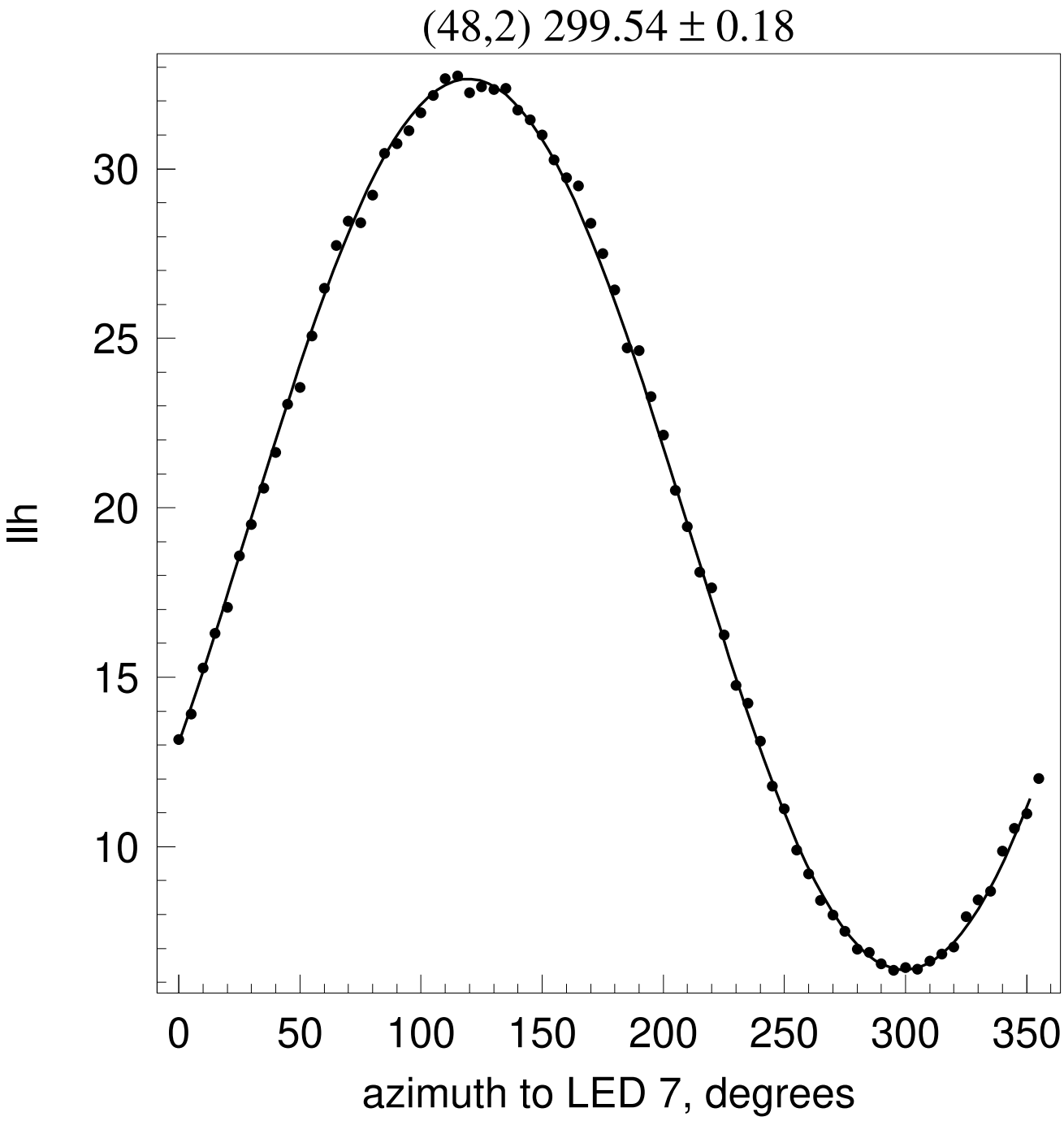

(47,57) 346.78 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

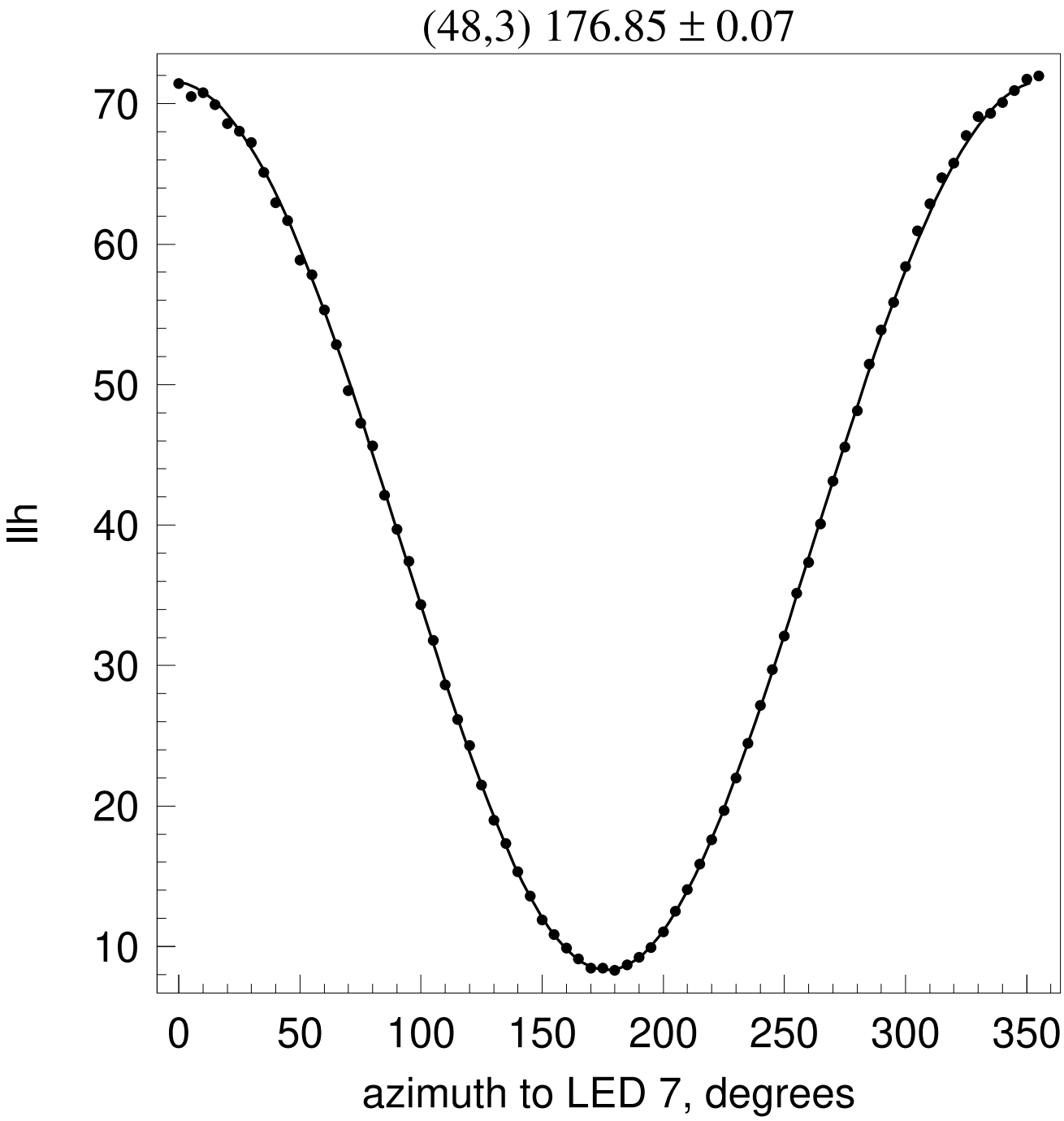

(47,58) 207.62 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

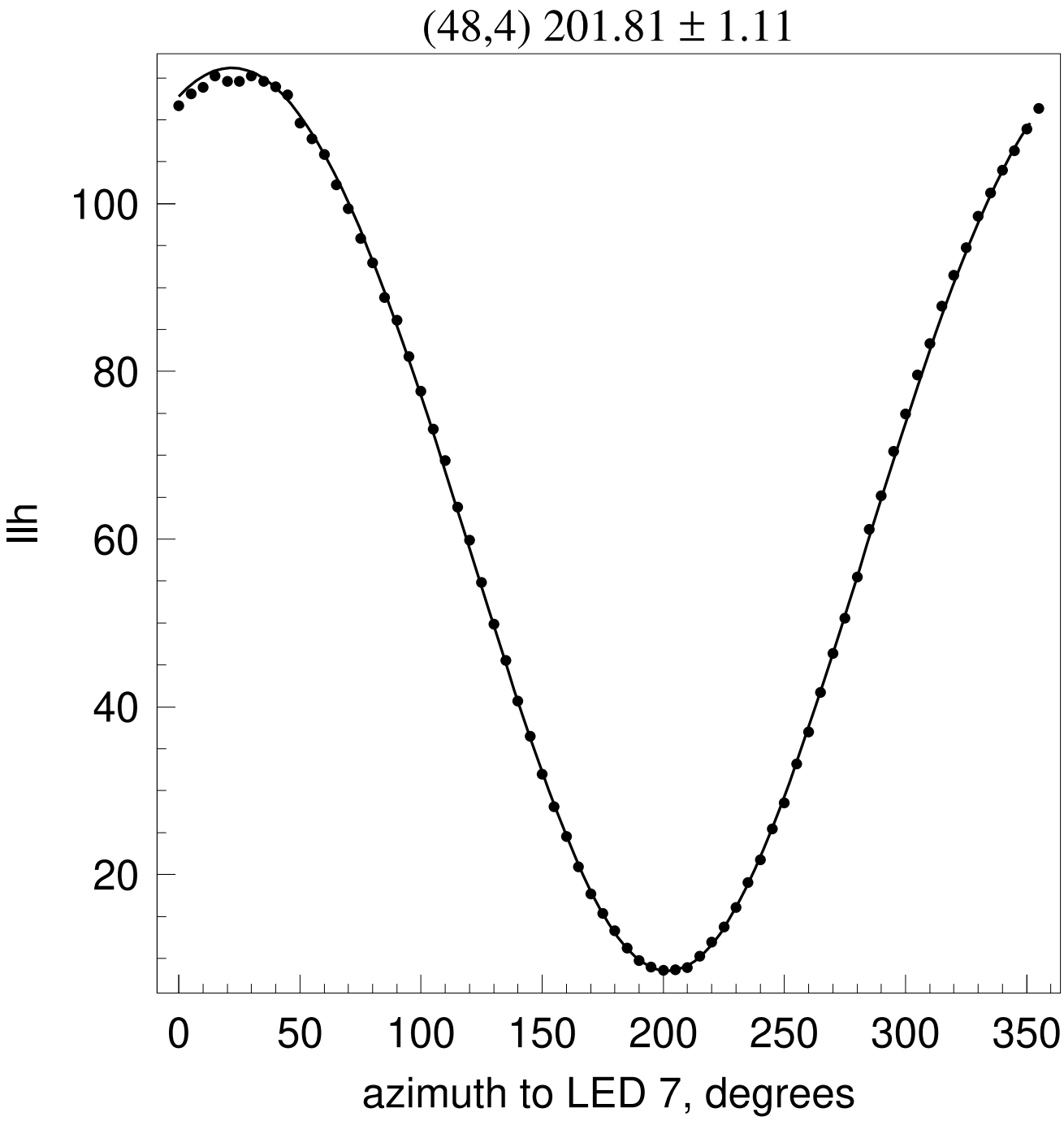

(47,59) 55.83 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

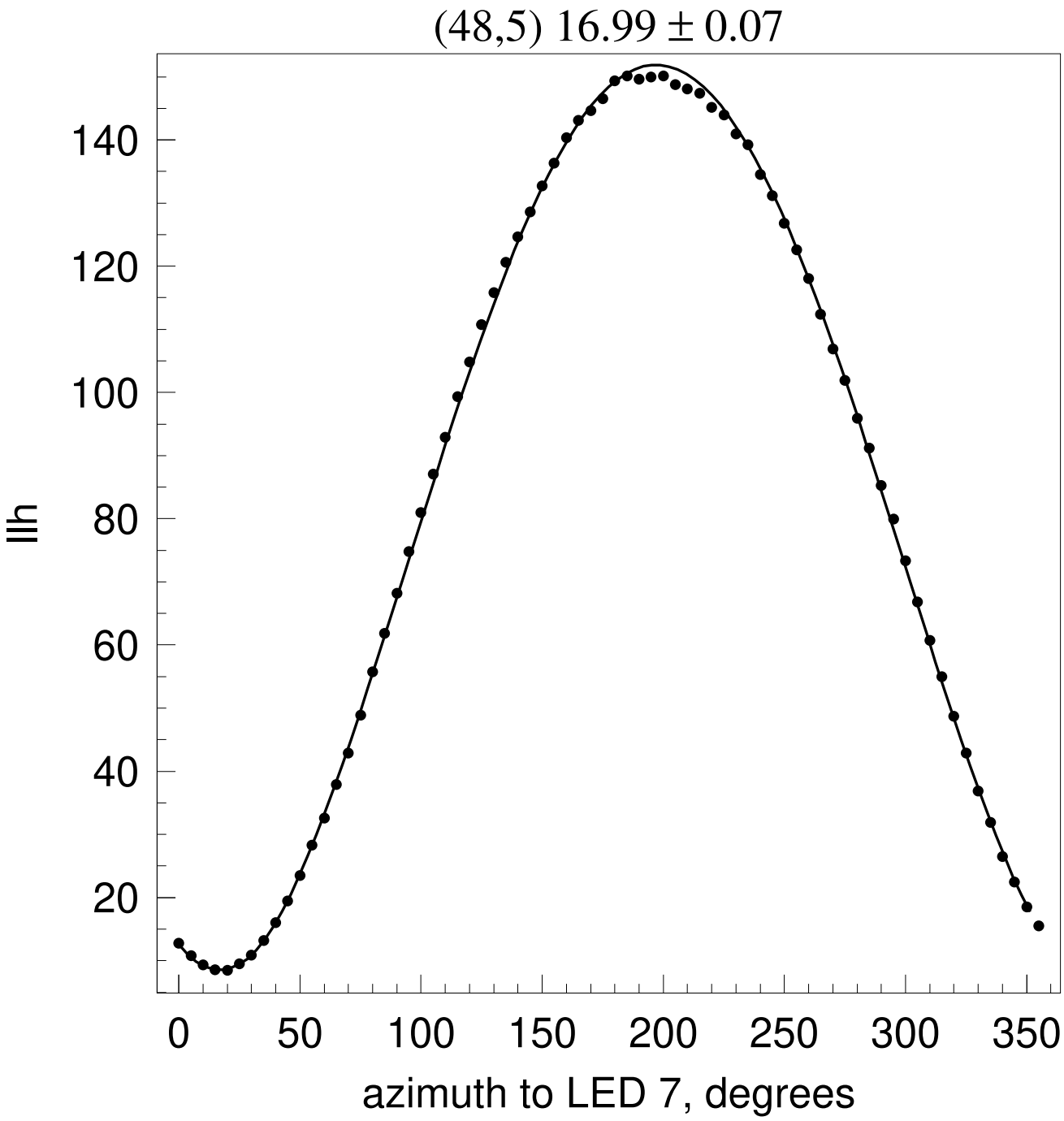

(47,60) 20.20 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

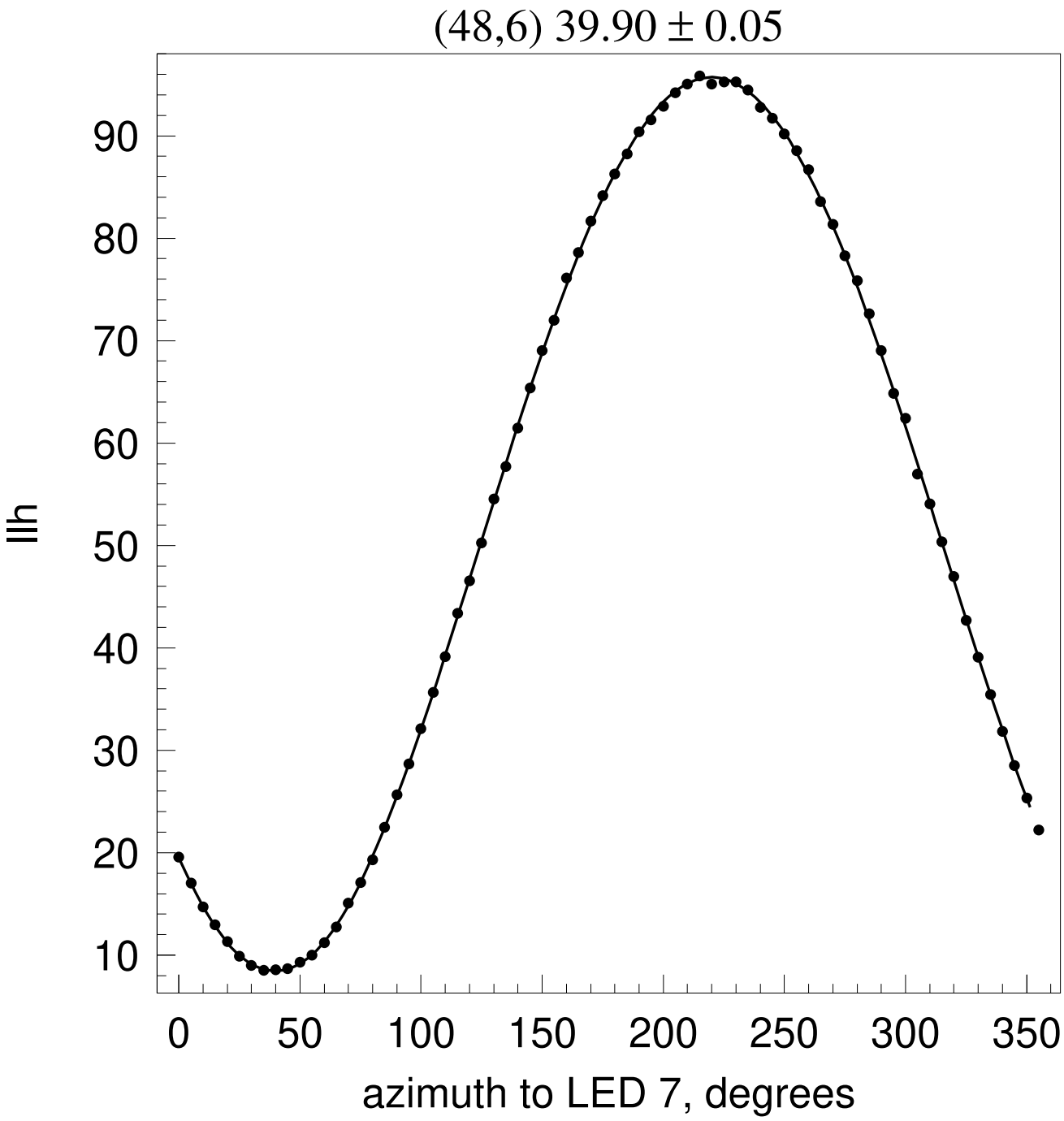

(48,1) 310.15 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

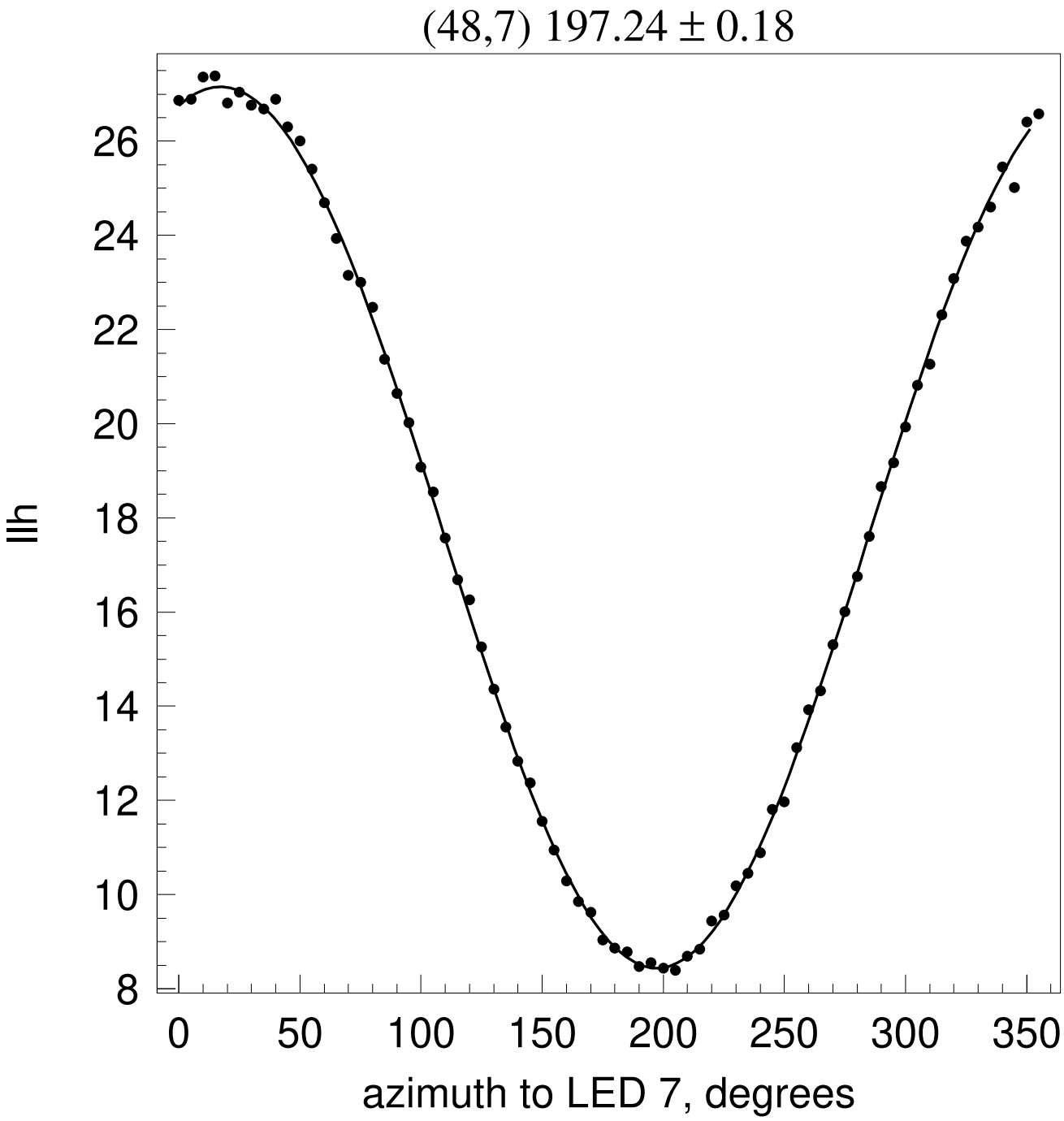

(48,2) 299.54 ± 0.18
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

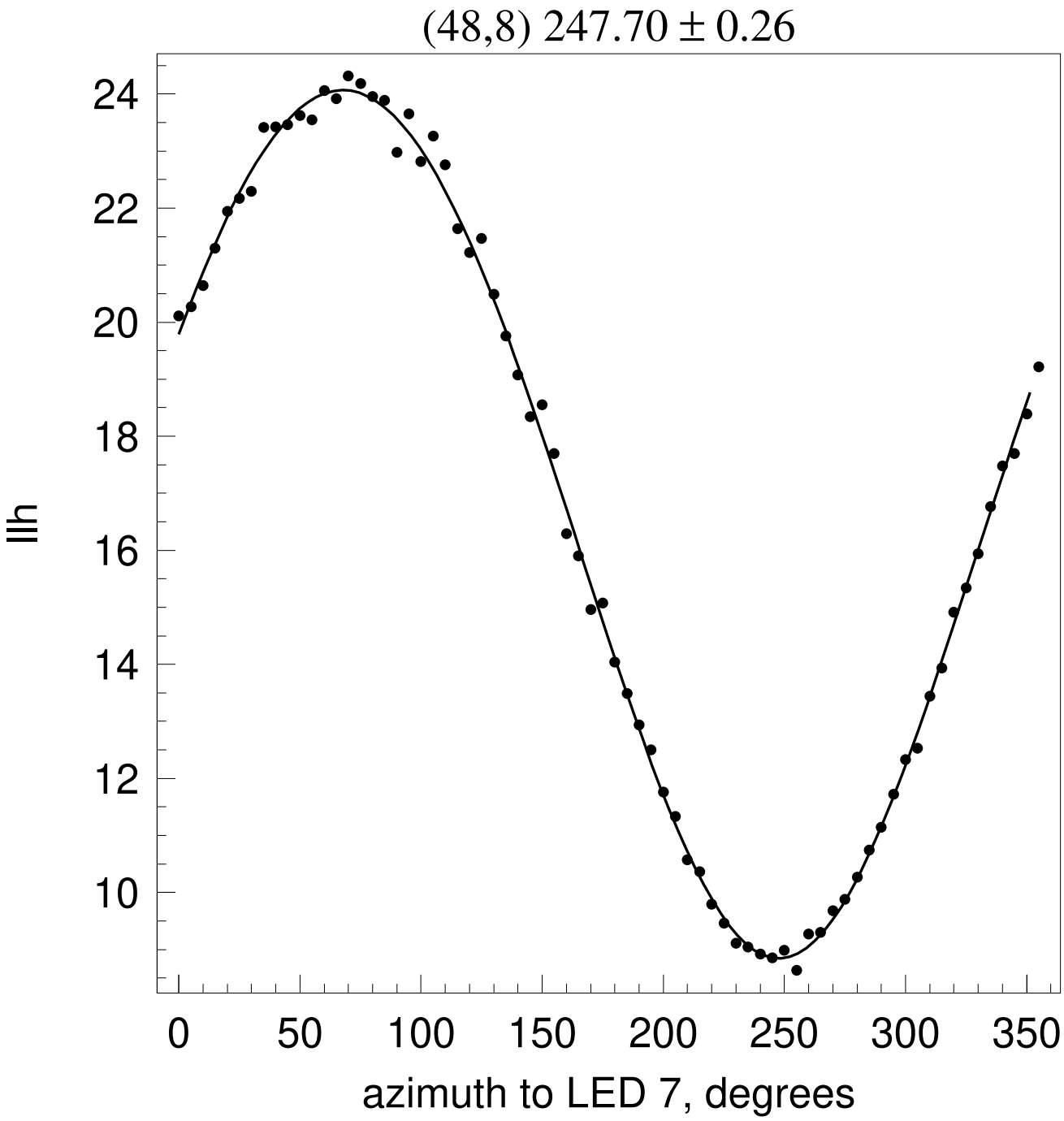

(48,3) 176.85 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

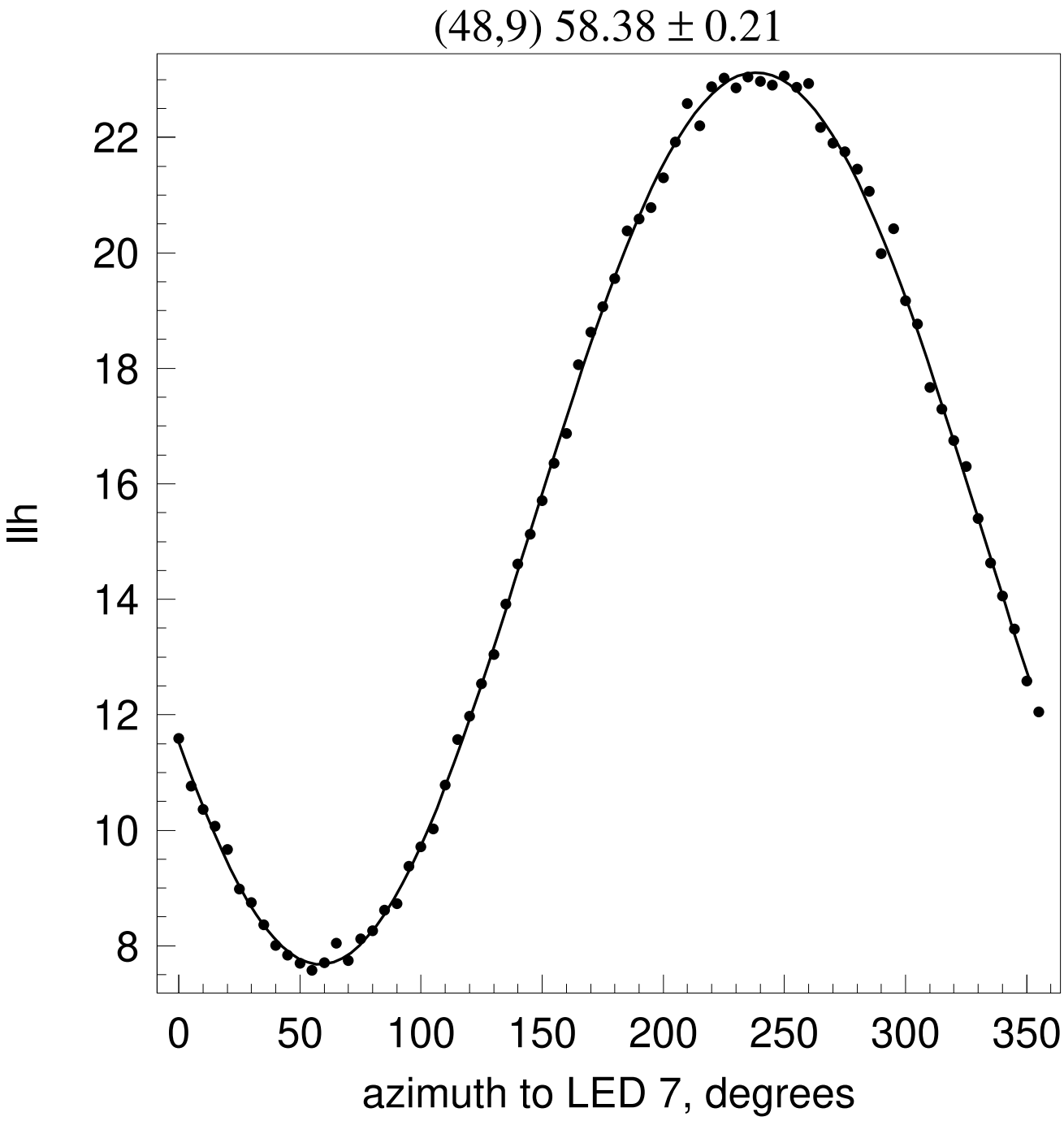

(48,4) 201.81 ± 1.11
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

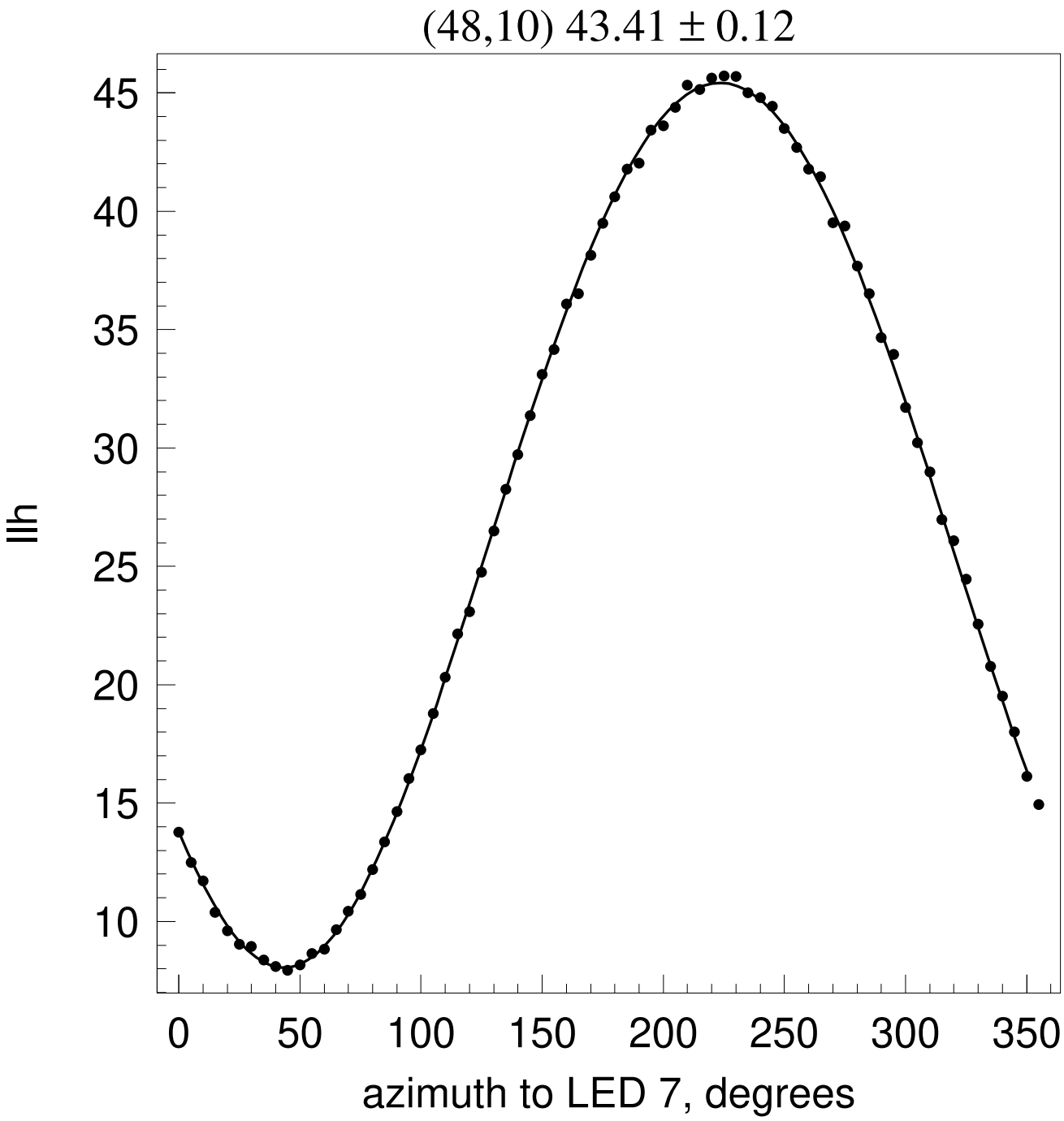

(48,5) 16.99 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

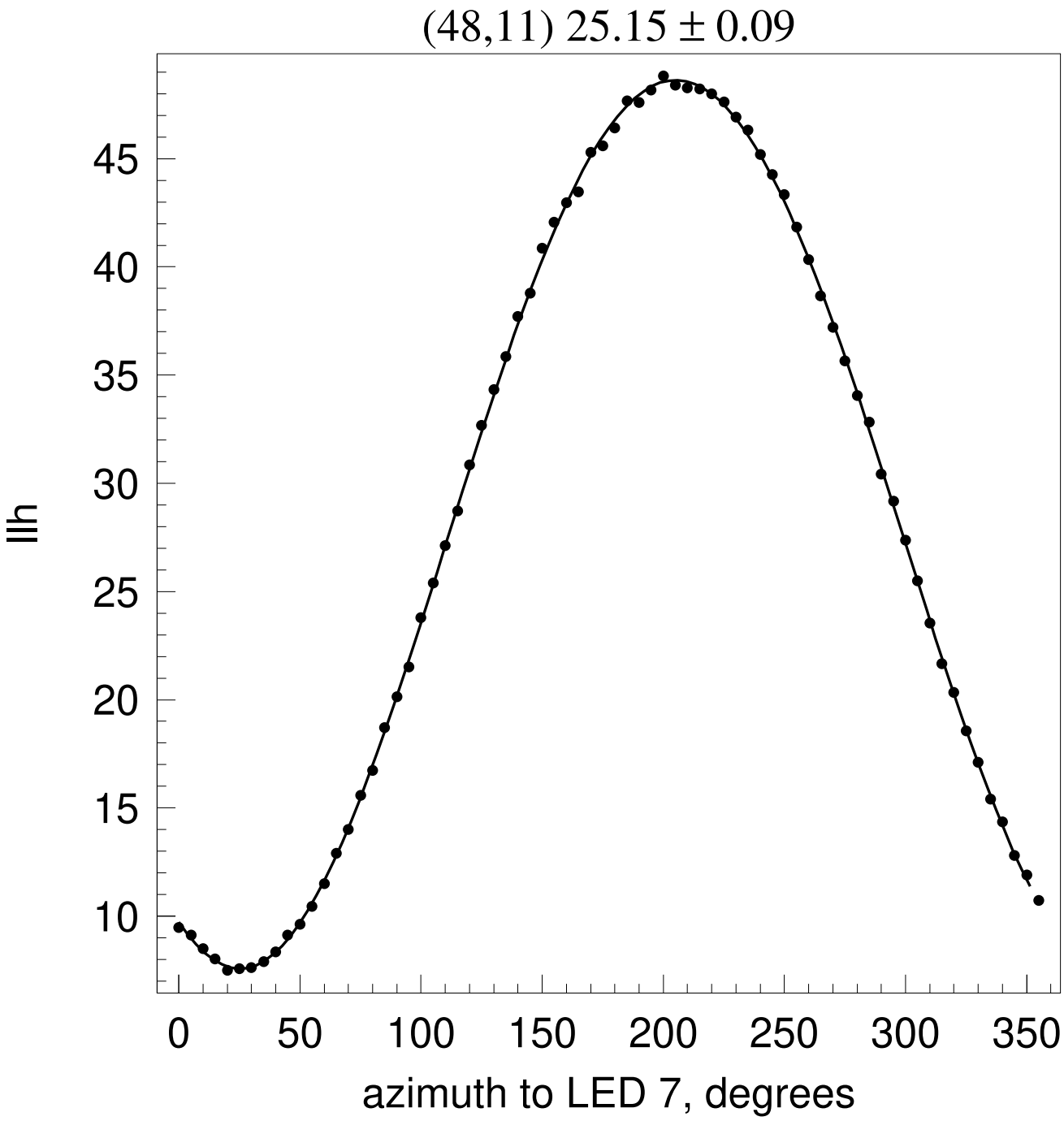

(48,6) 39.90 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

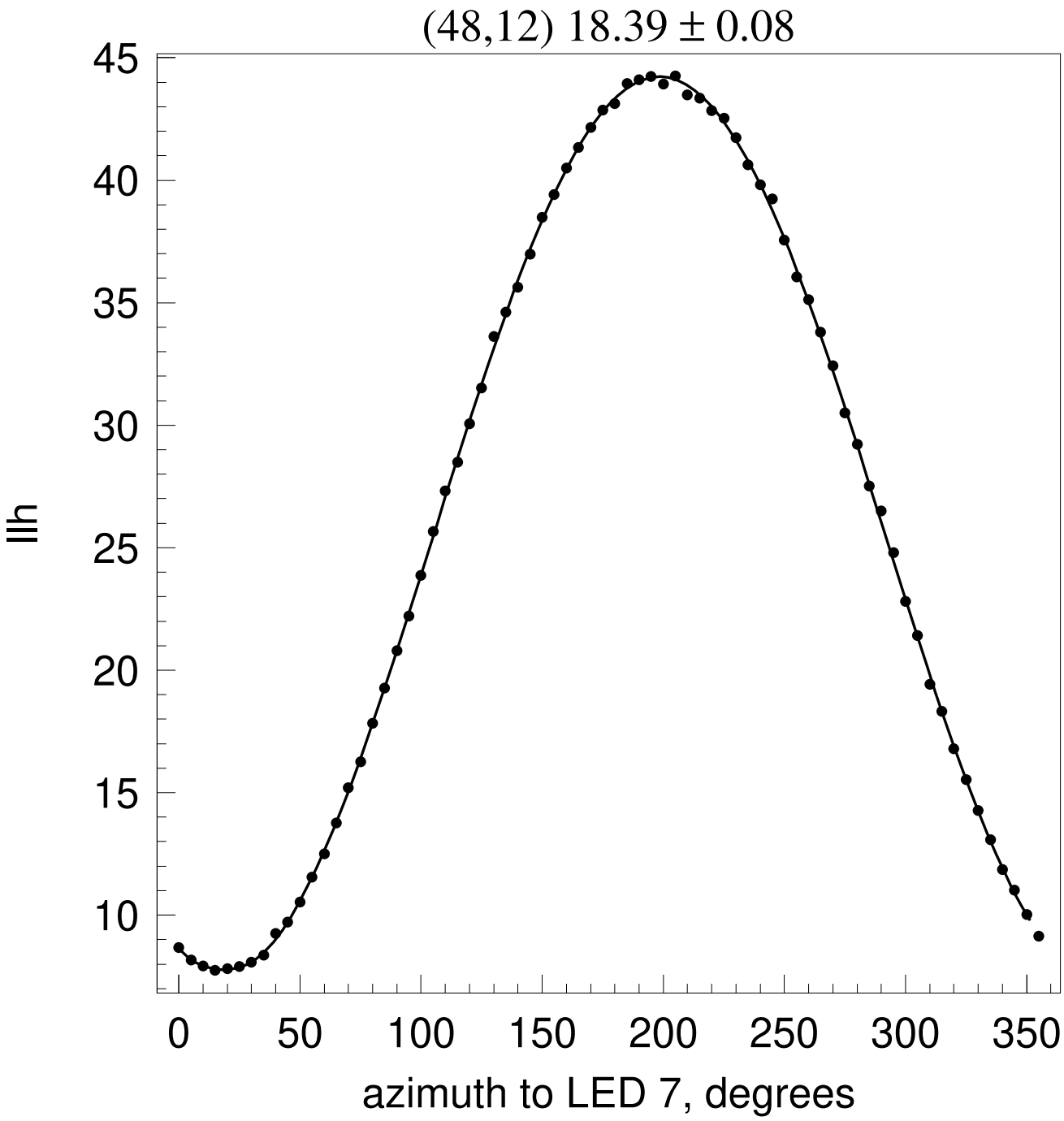

(48,7) 197.24 ± 0.18
26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

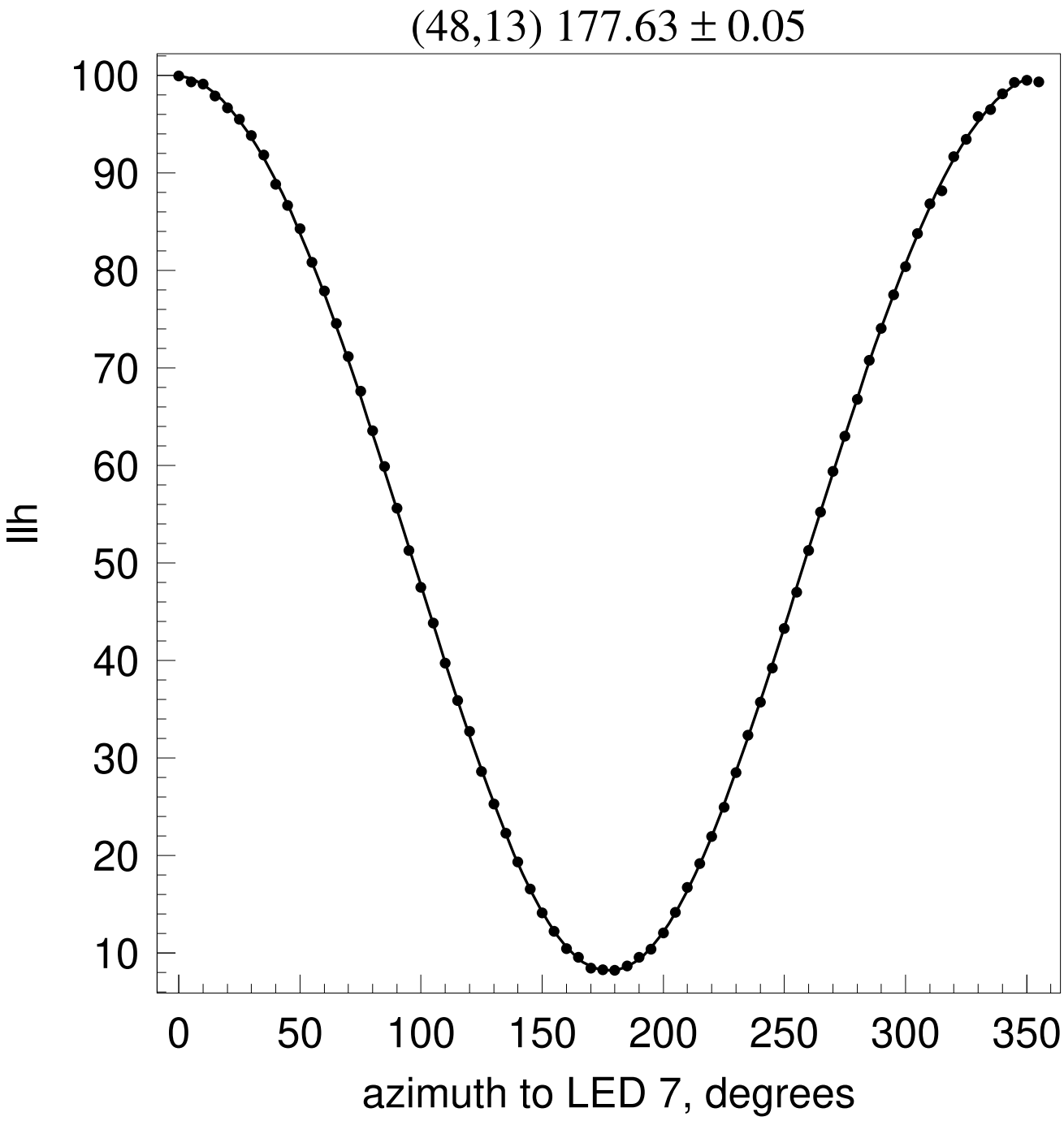

(48,8) 247.70 ± 0.26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

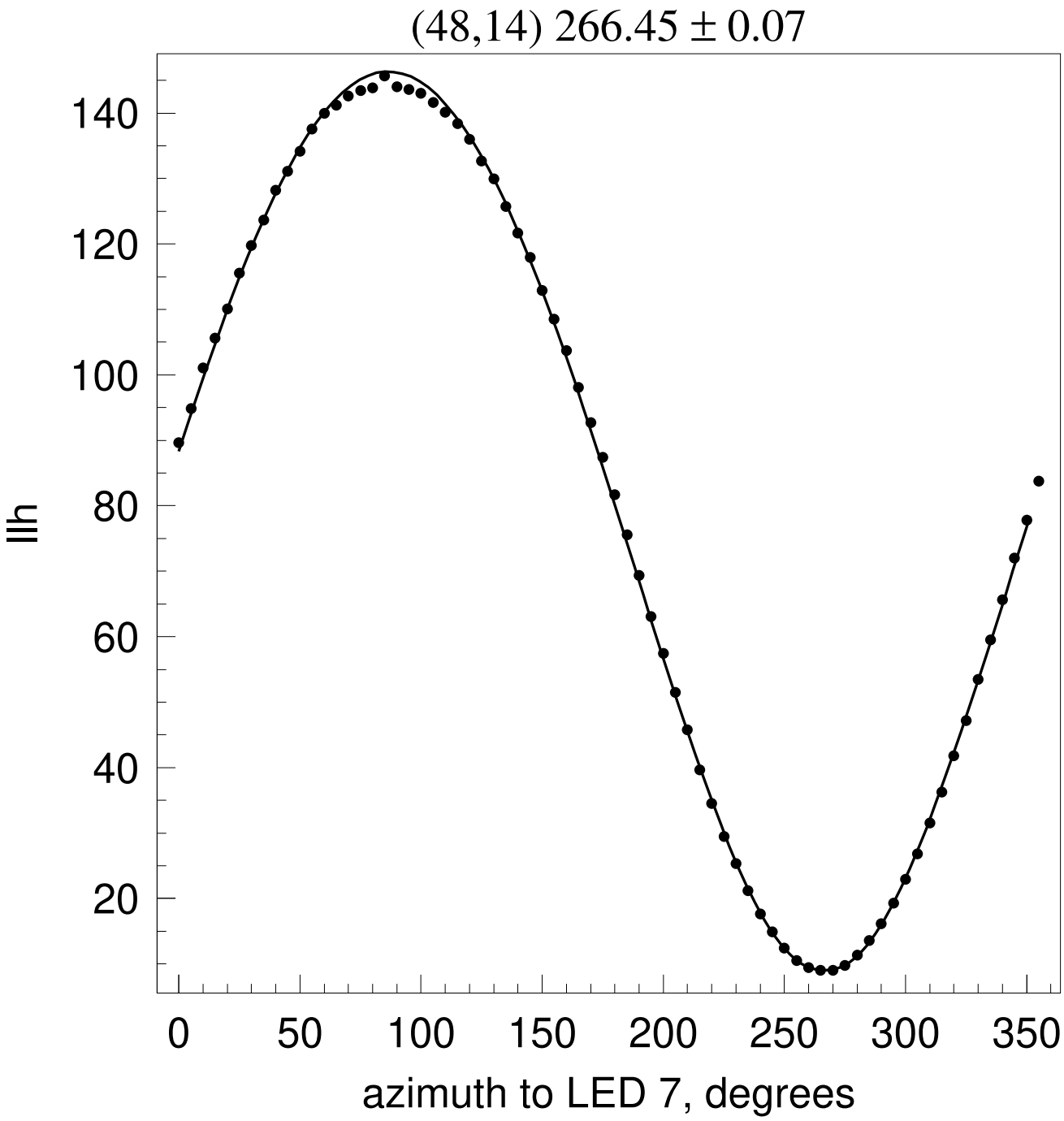

(48,9) 58.38 ± 0.21
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

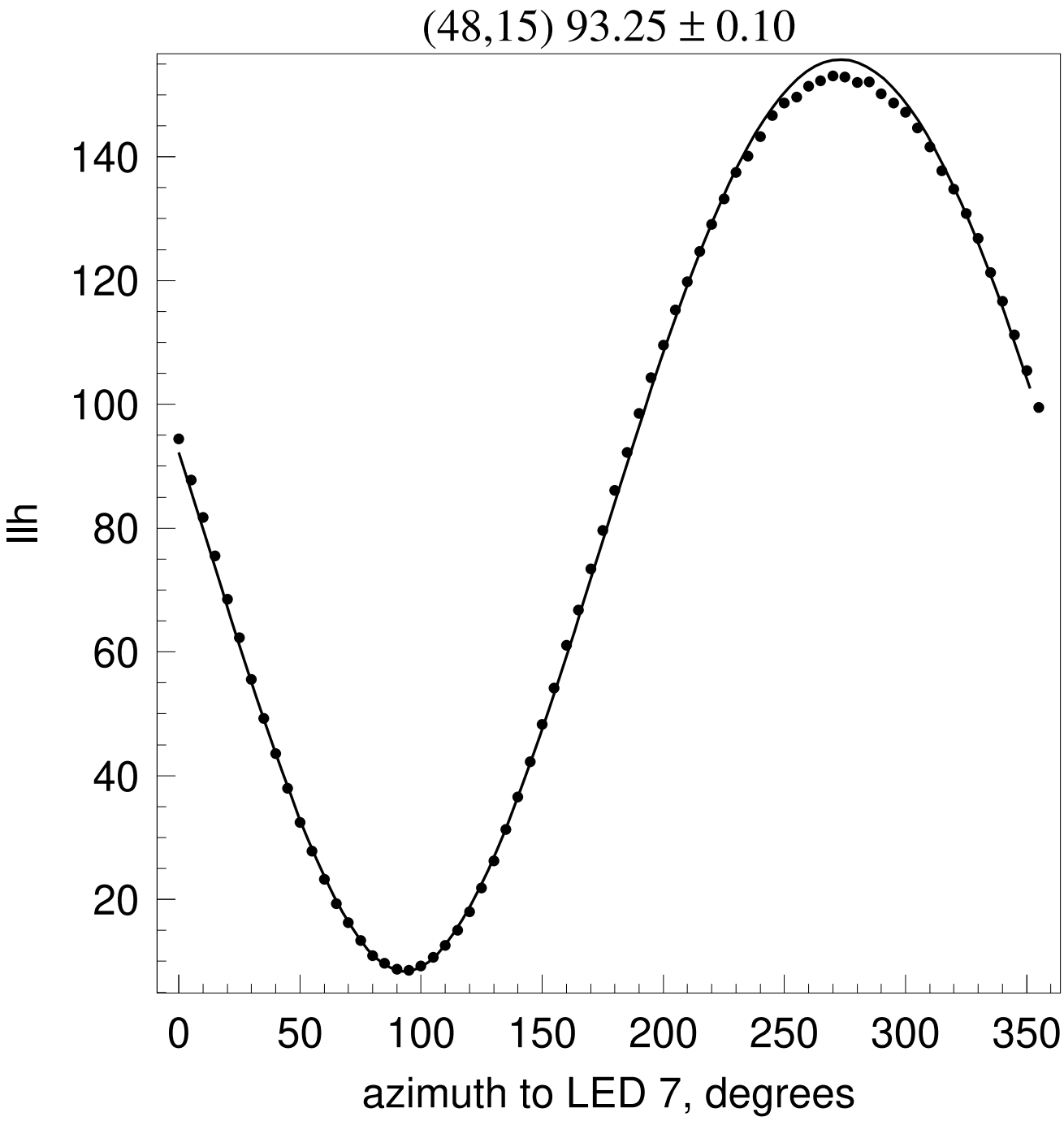

(48,10) 43.41 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

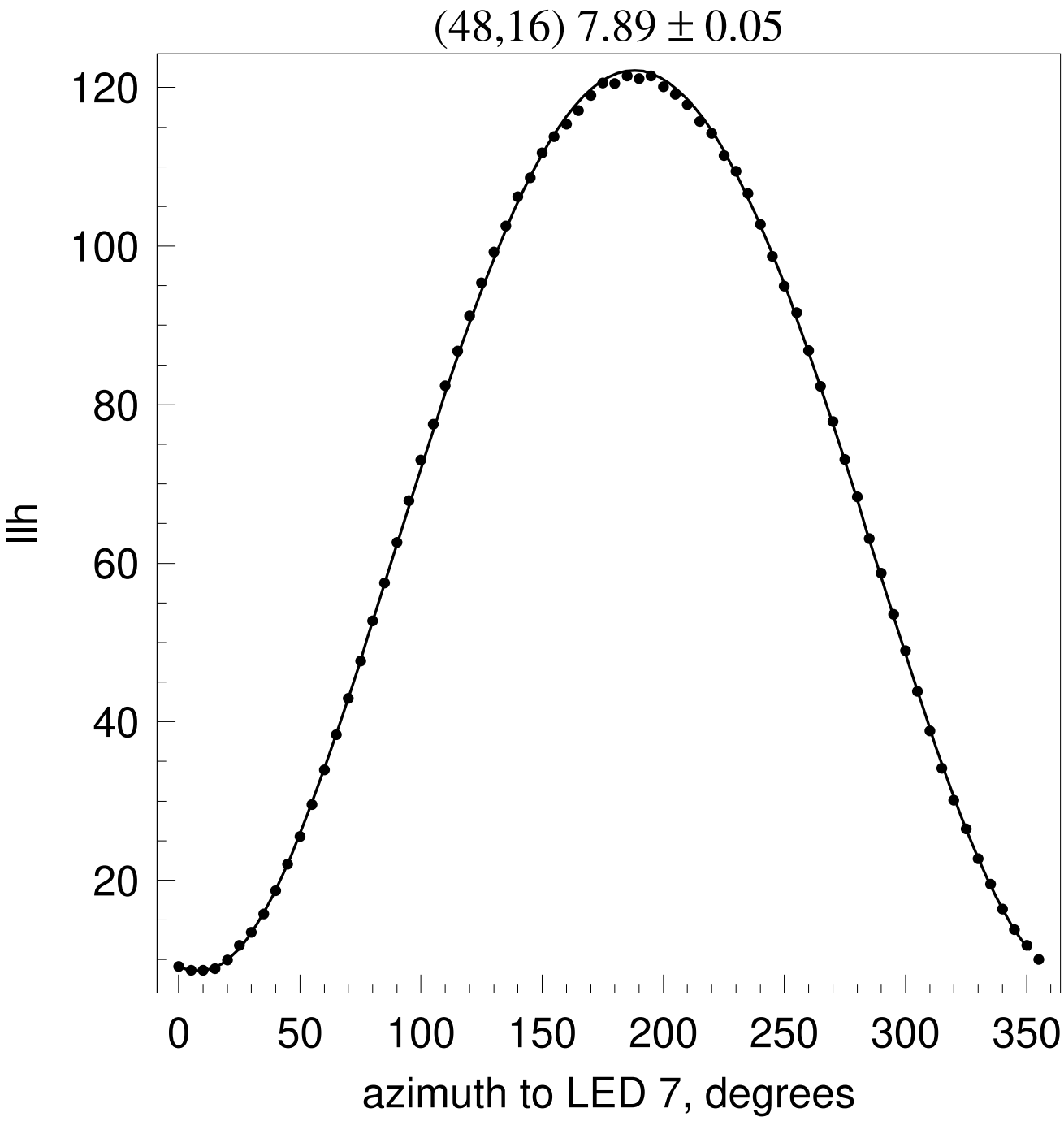

(48,11) 25.15 ± 0.09
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

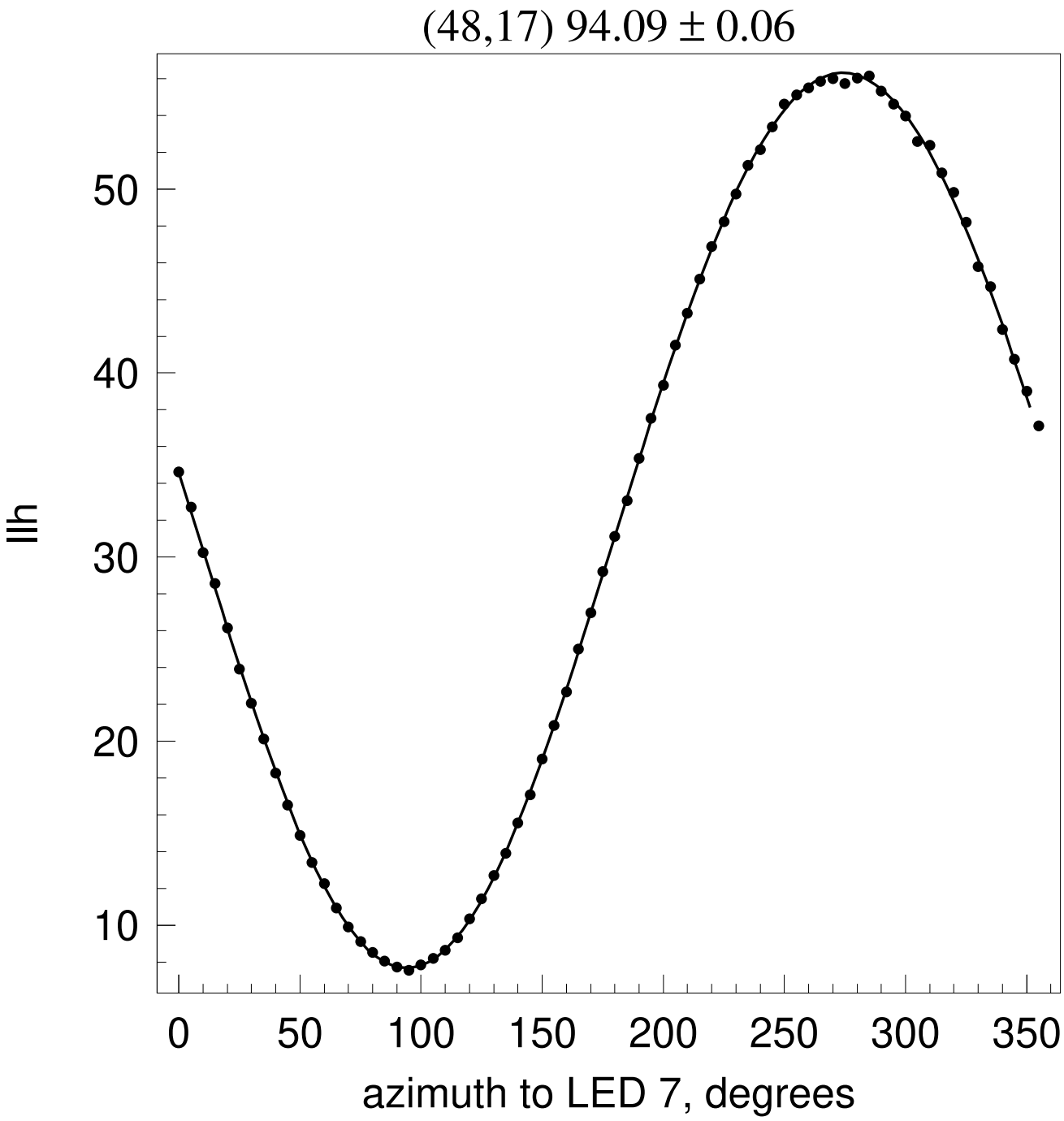

(48,12) 18.39 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

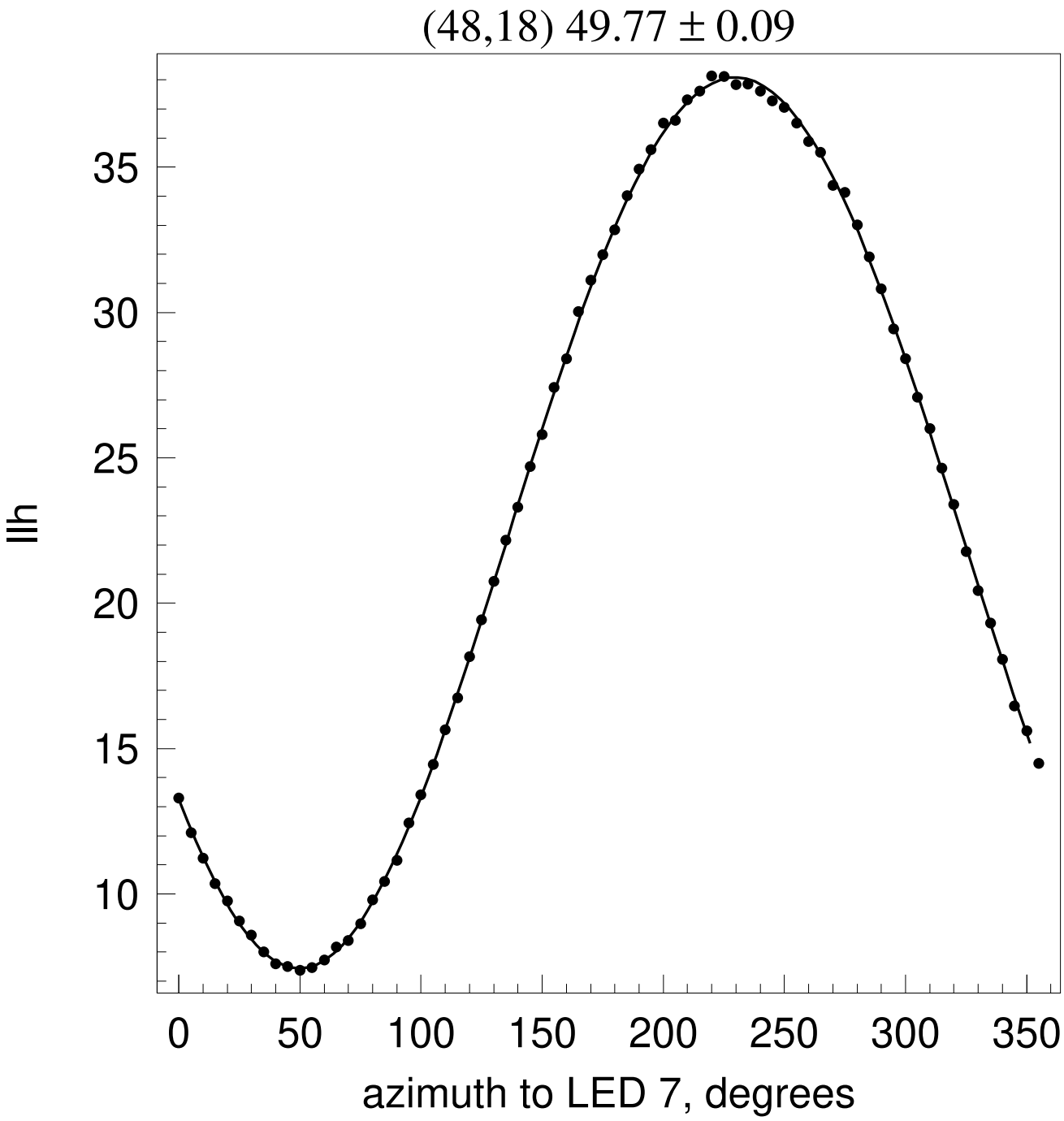

(48,13) 177.63 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

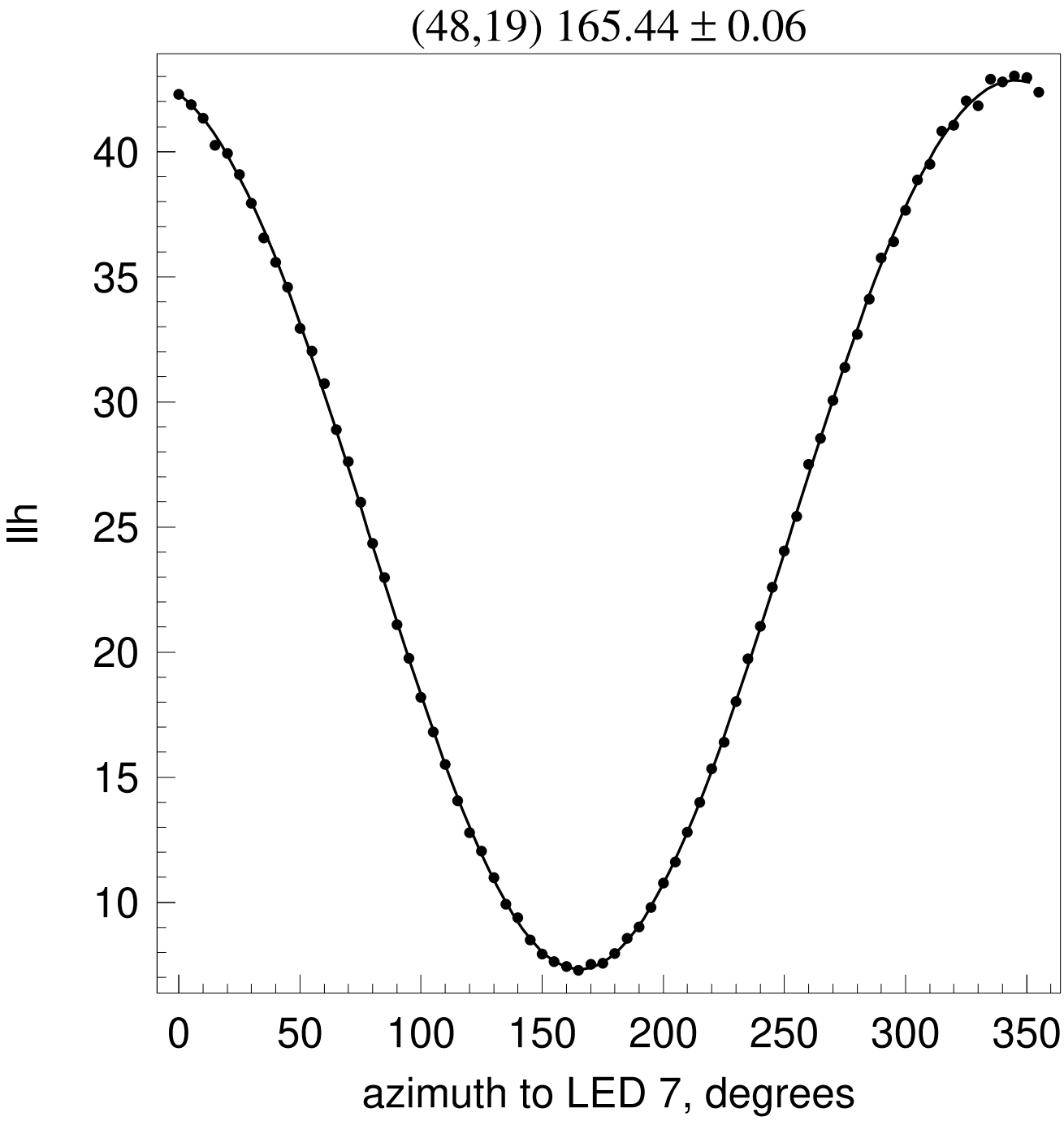

(48,14) 266.45 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

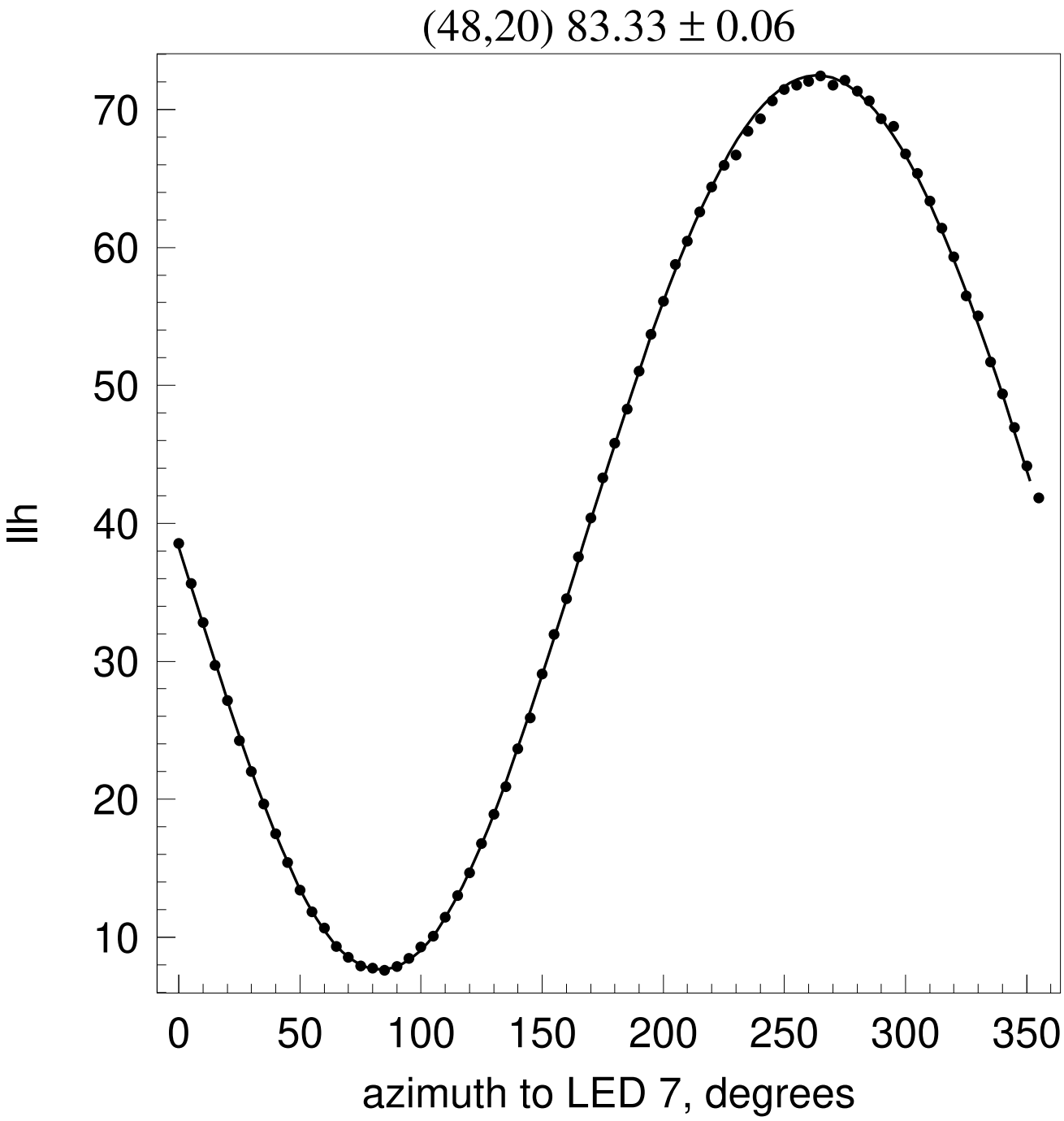

(48,15) 93.25 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

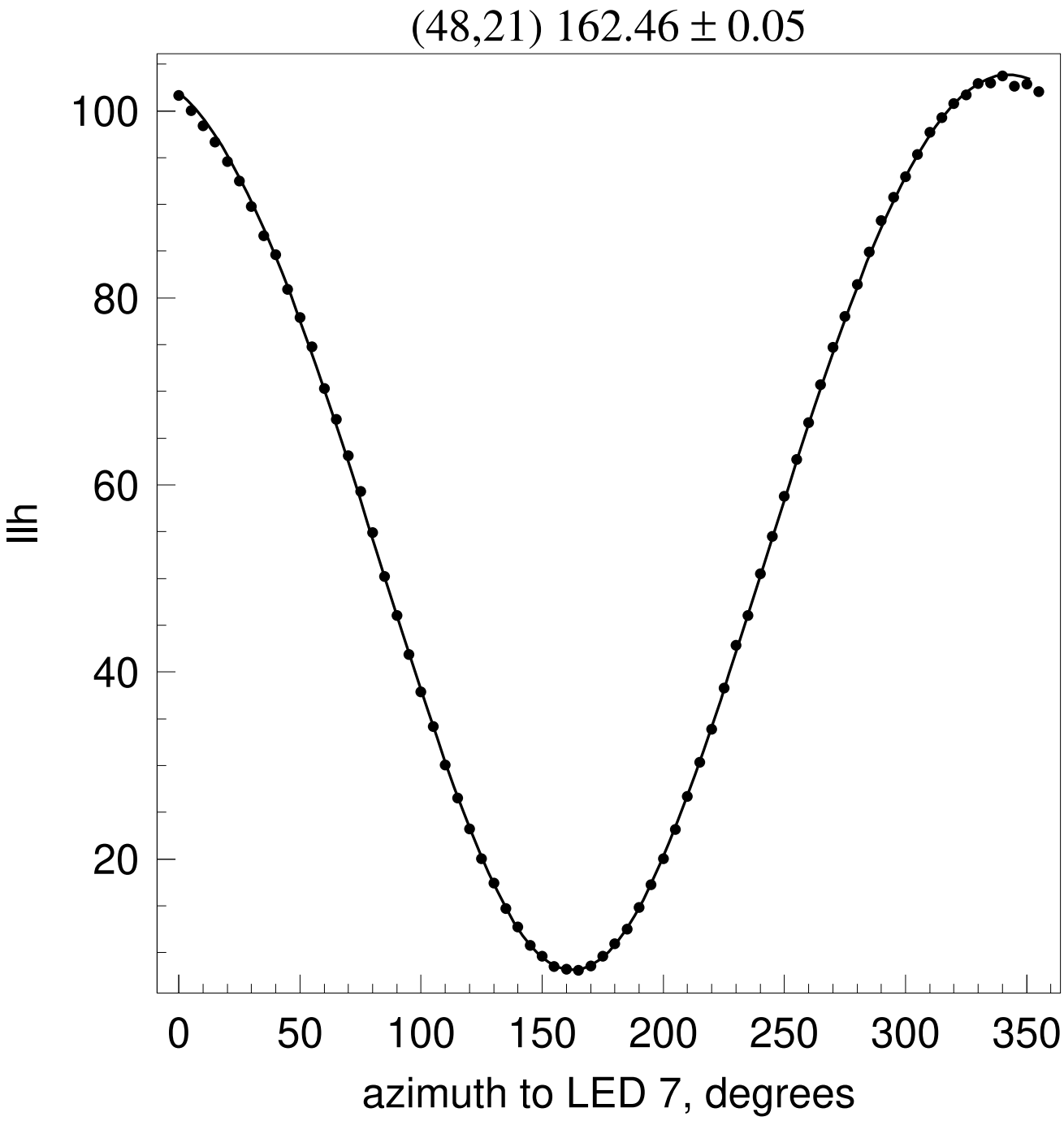

(48,16) 7.89 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

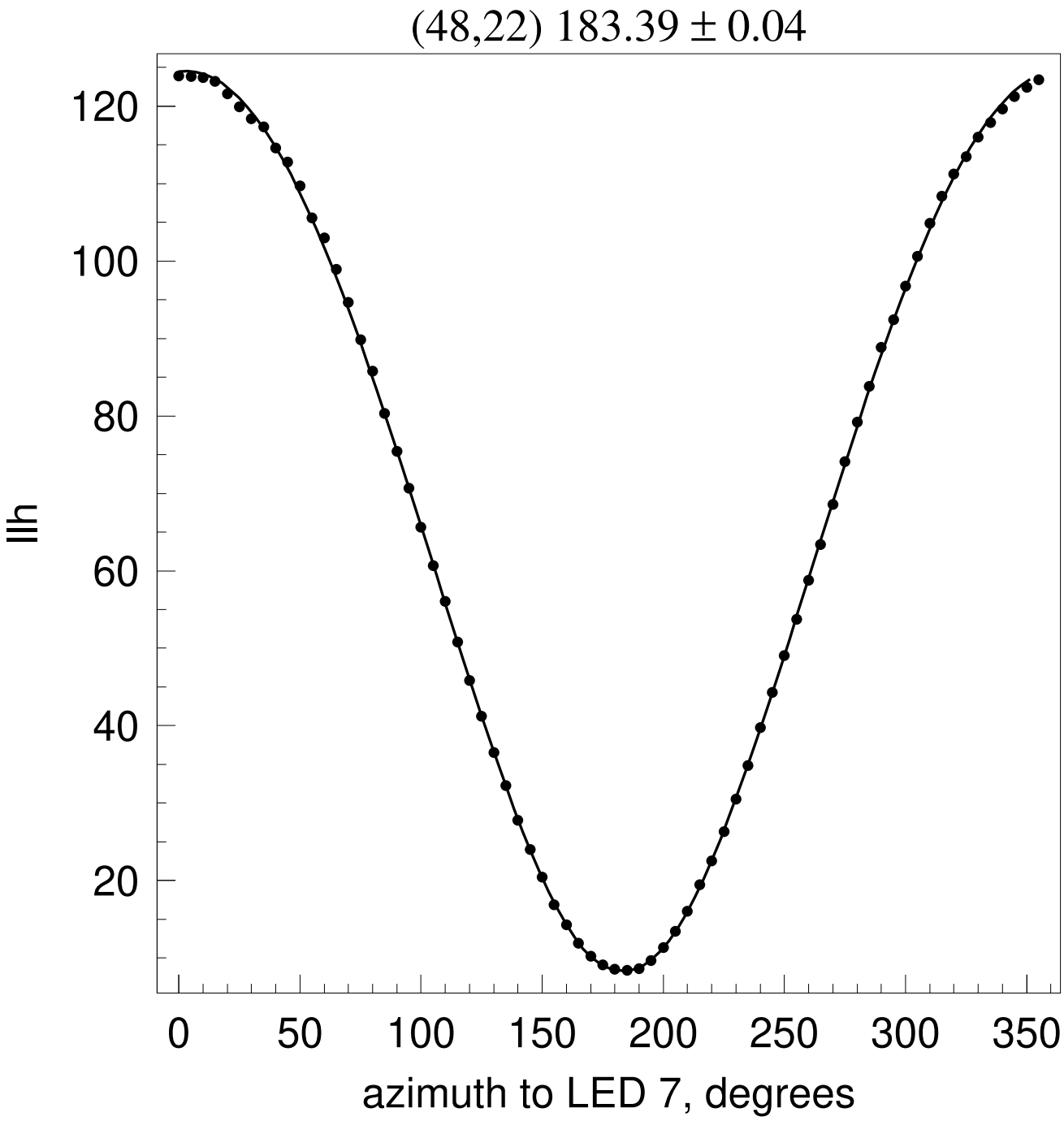

(48,17) 94.09 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

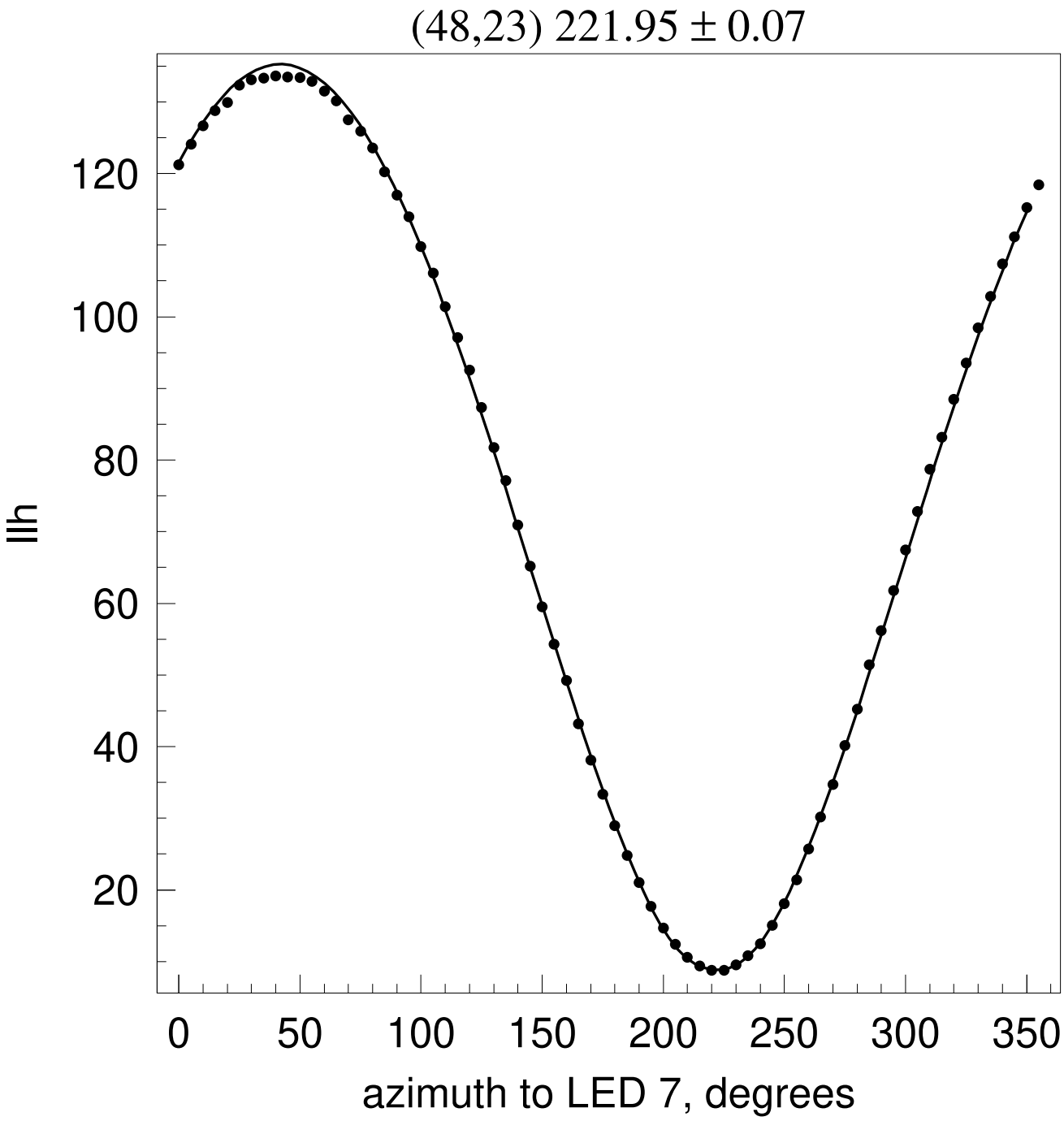

(48,18) 49.77 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

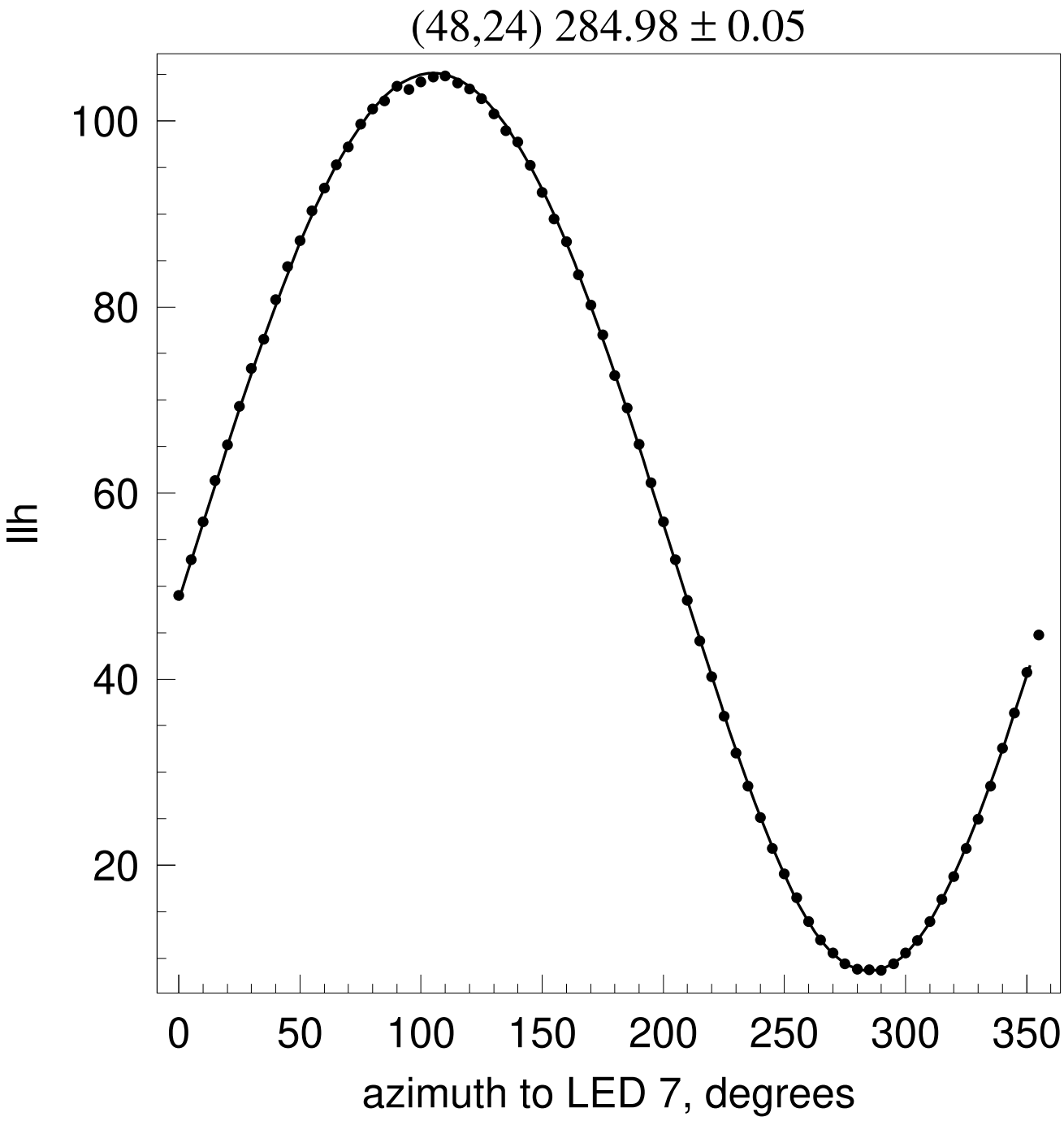

(48,19) 165.44 ± 0.06
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

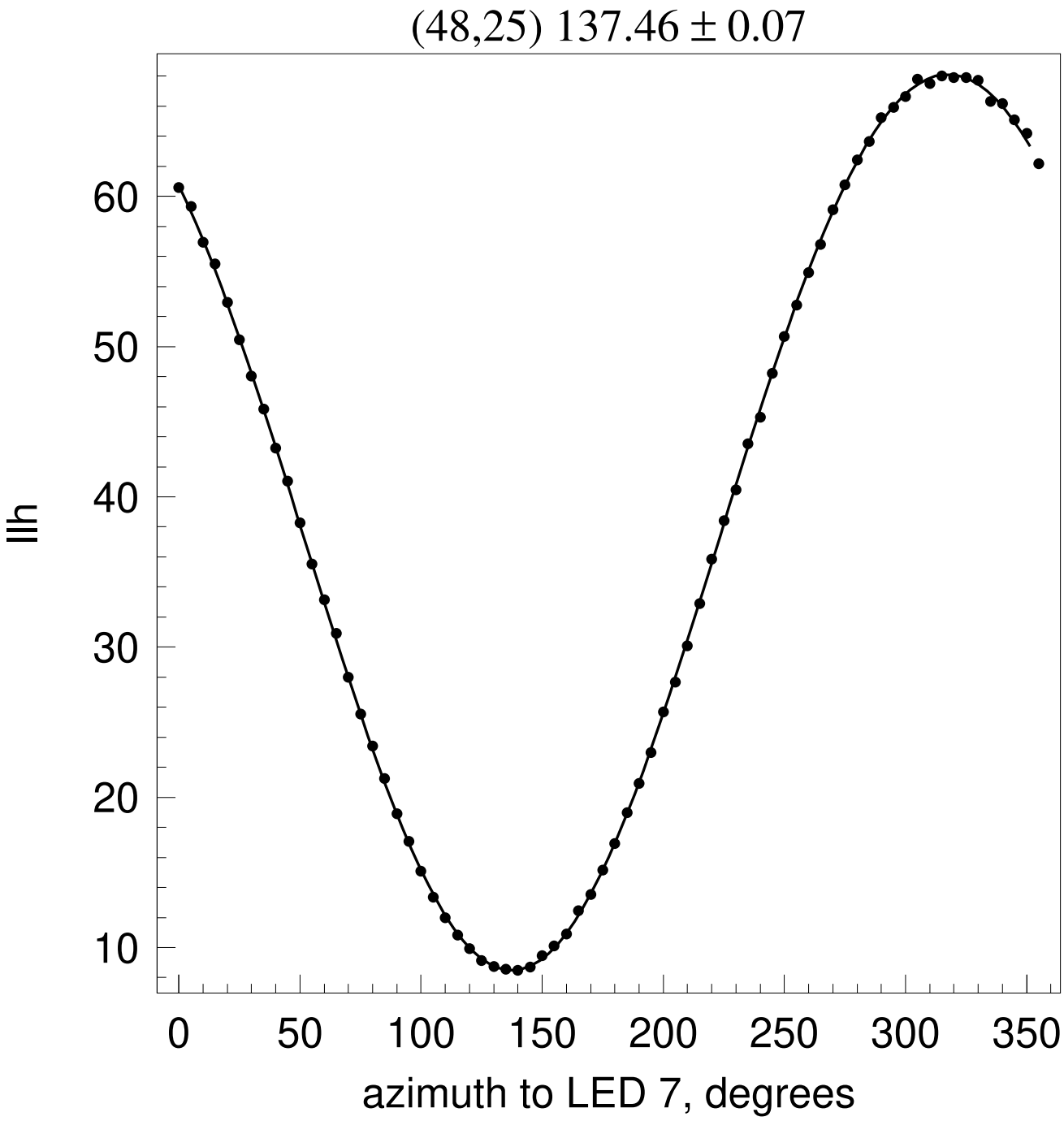

(48,20) 83.33 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

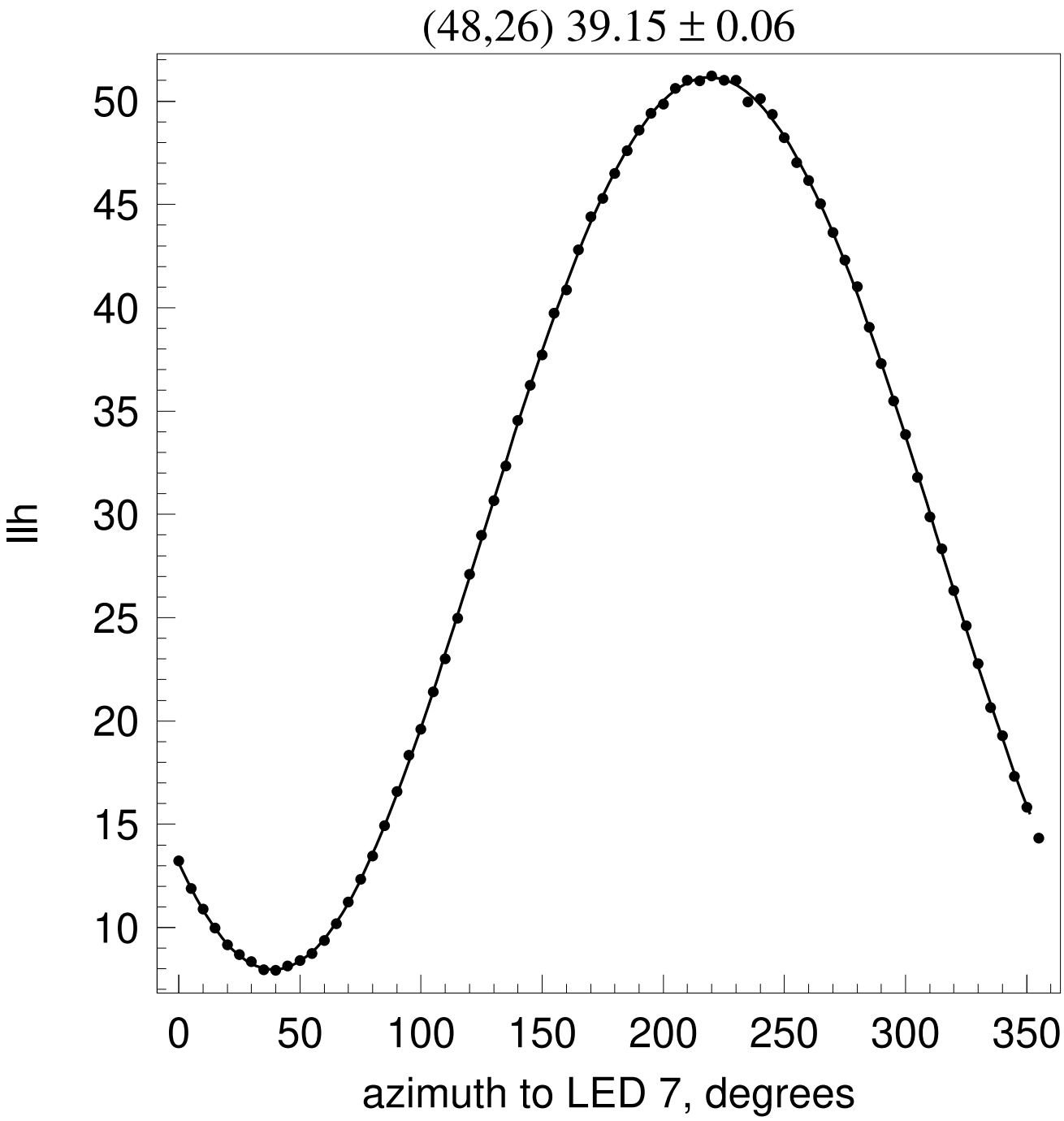

(48,21) 162.46 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

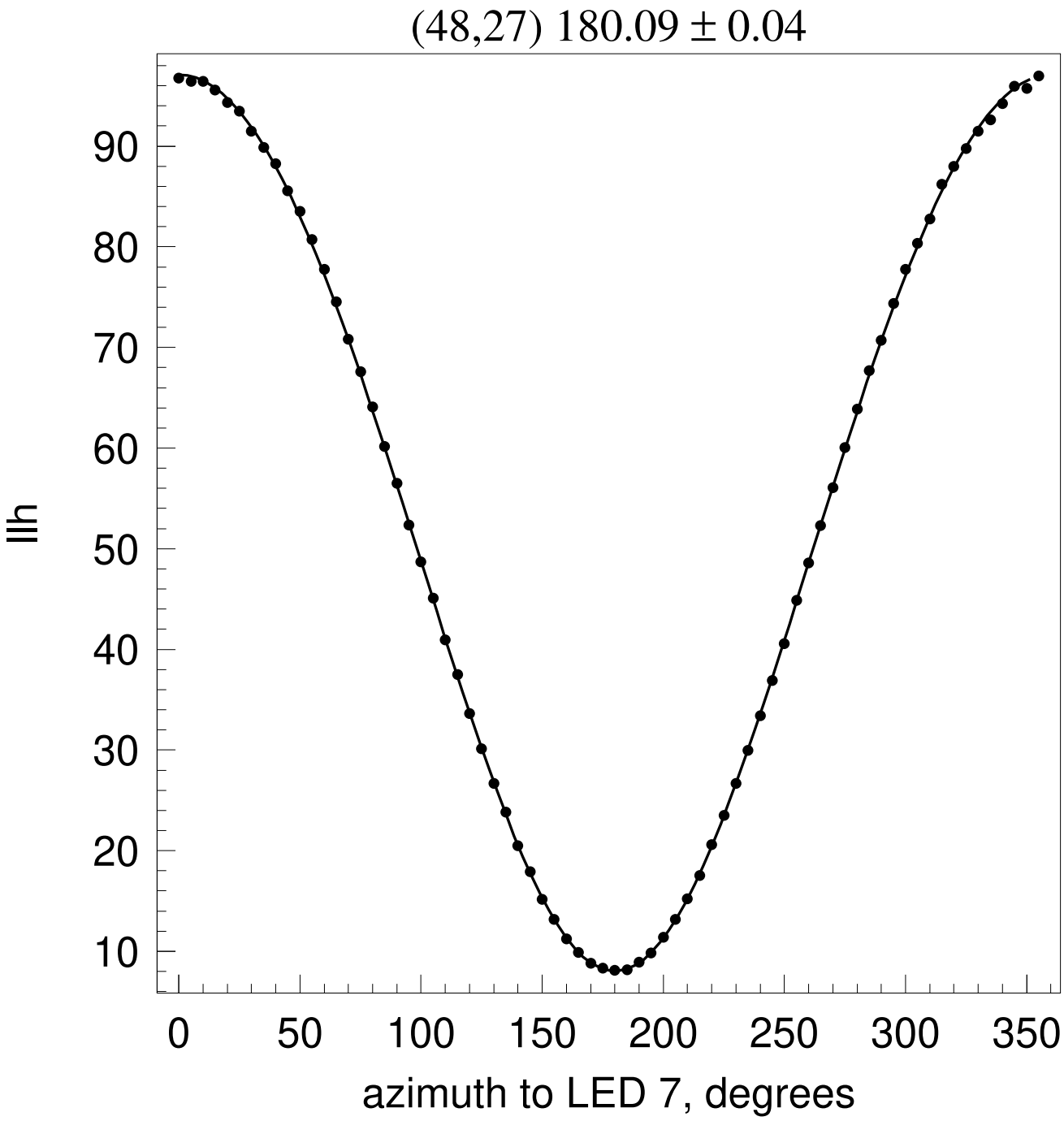

(48,22) 183.39 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

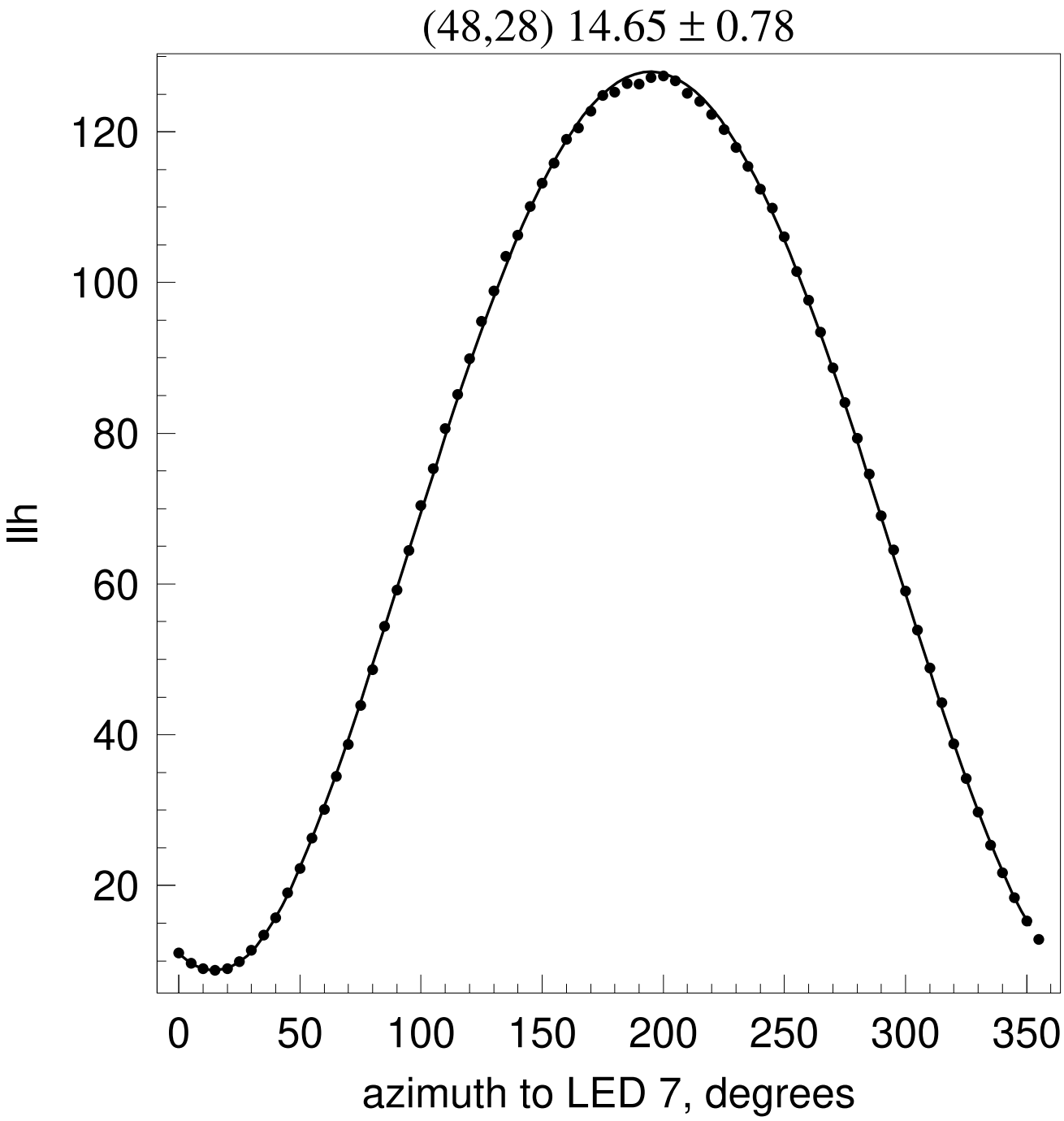

(48,23) 221.95 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

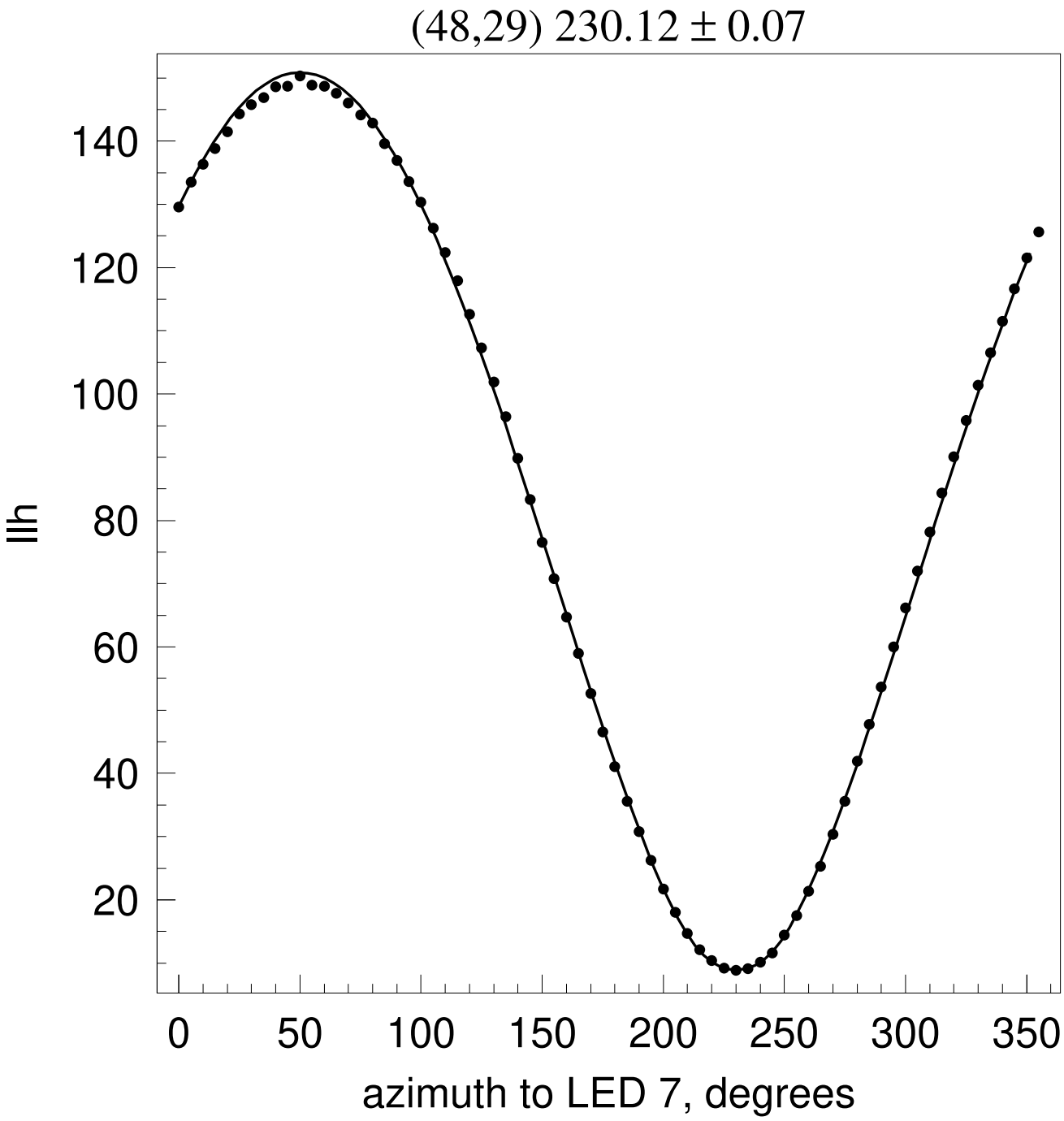

(48,24) 284.98 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

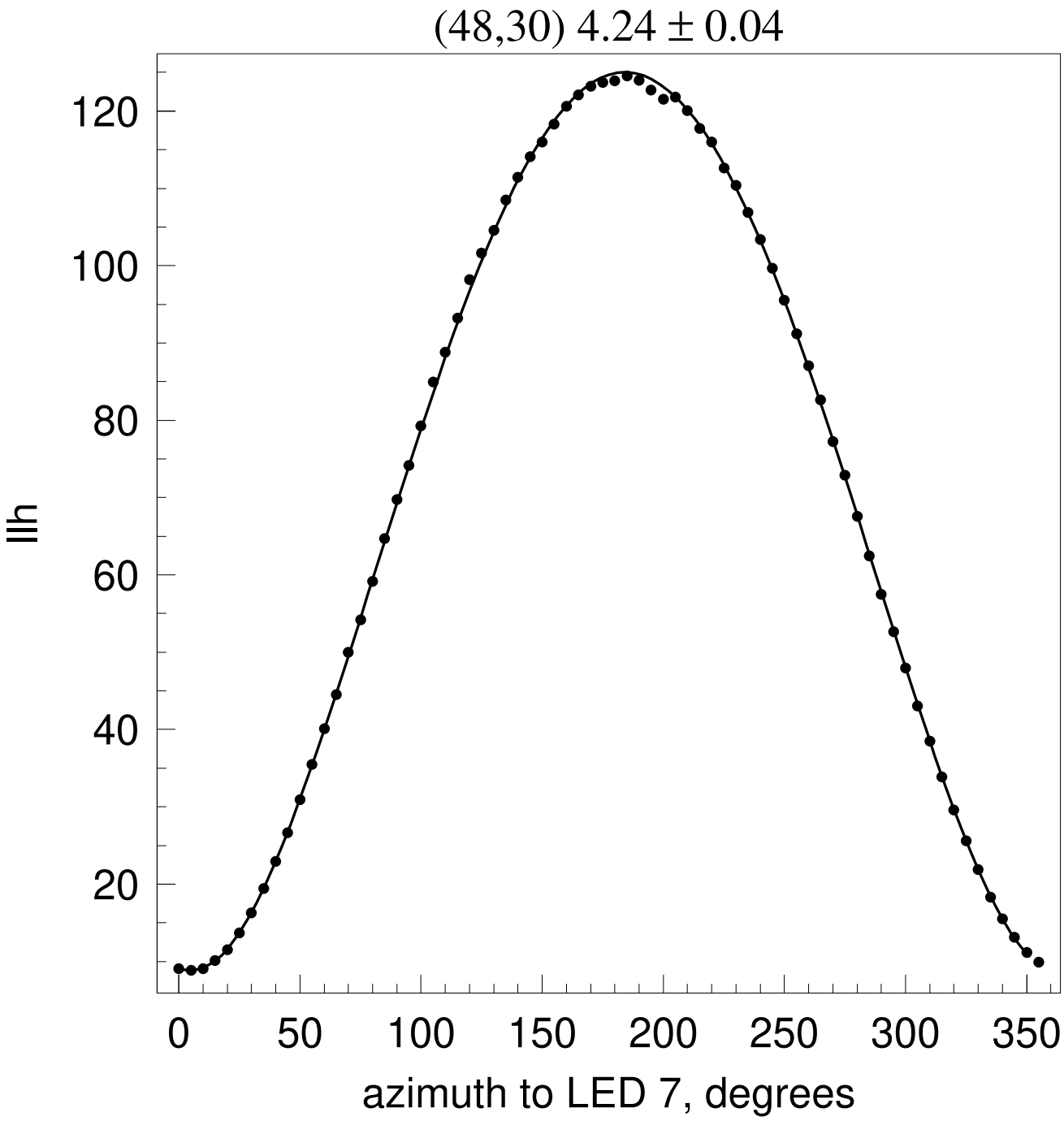

(48,25) 137.46 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

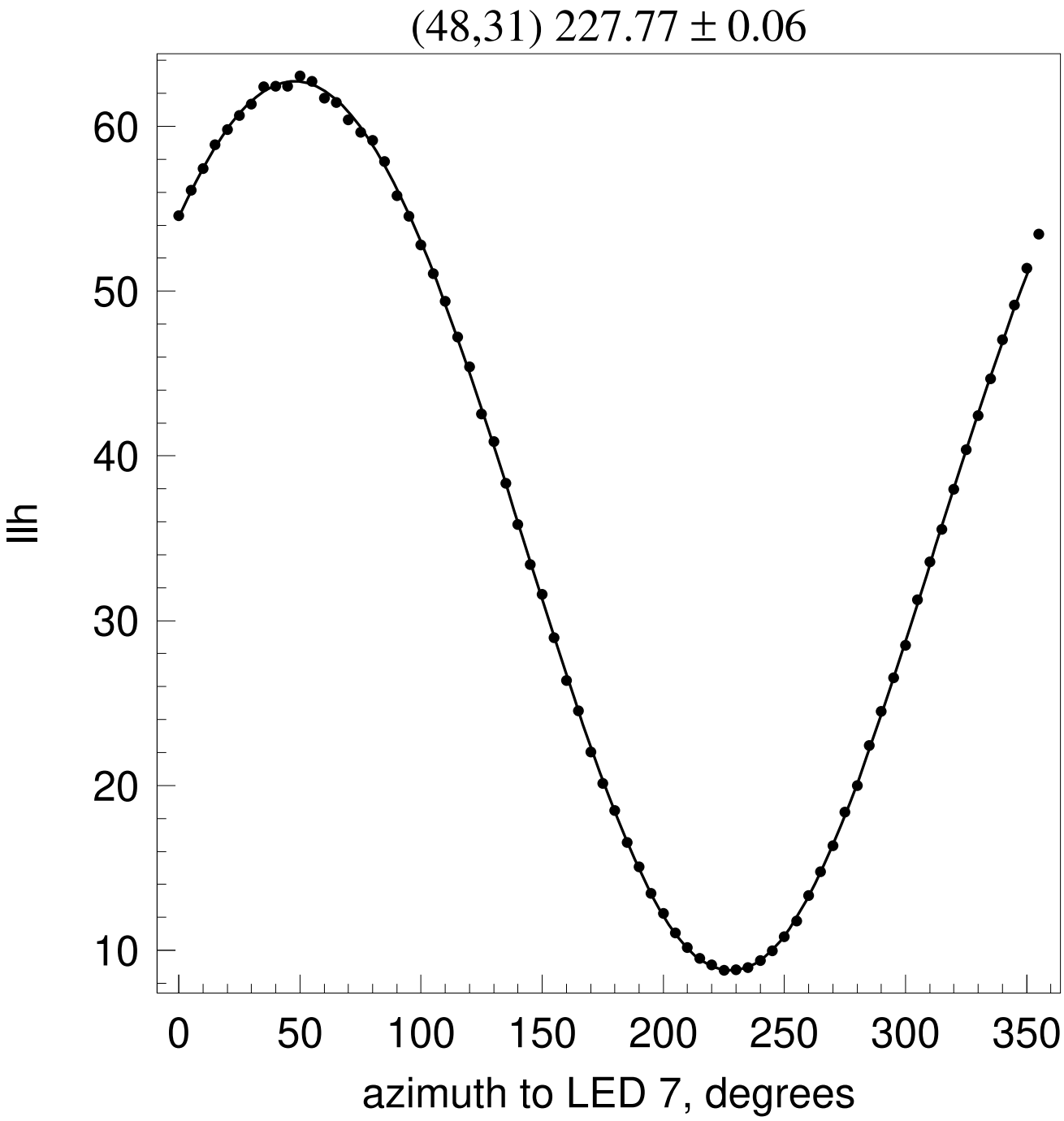

(48,26) 39.15 ± 0.06
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

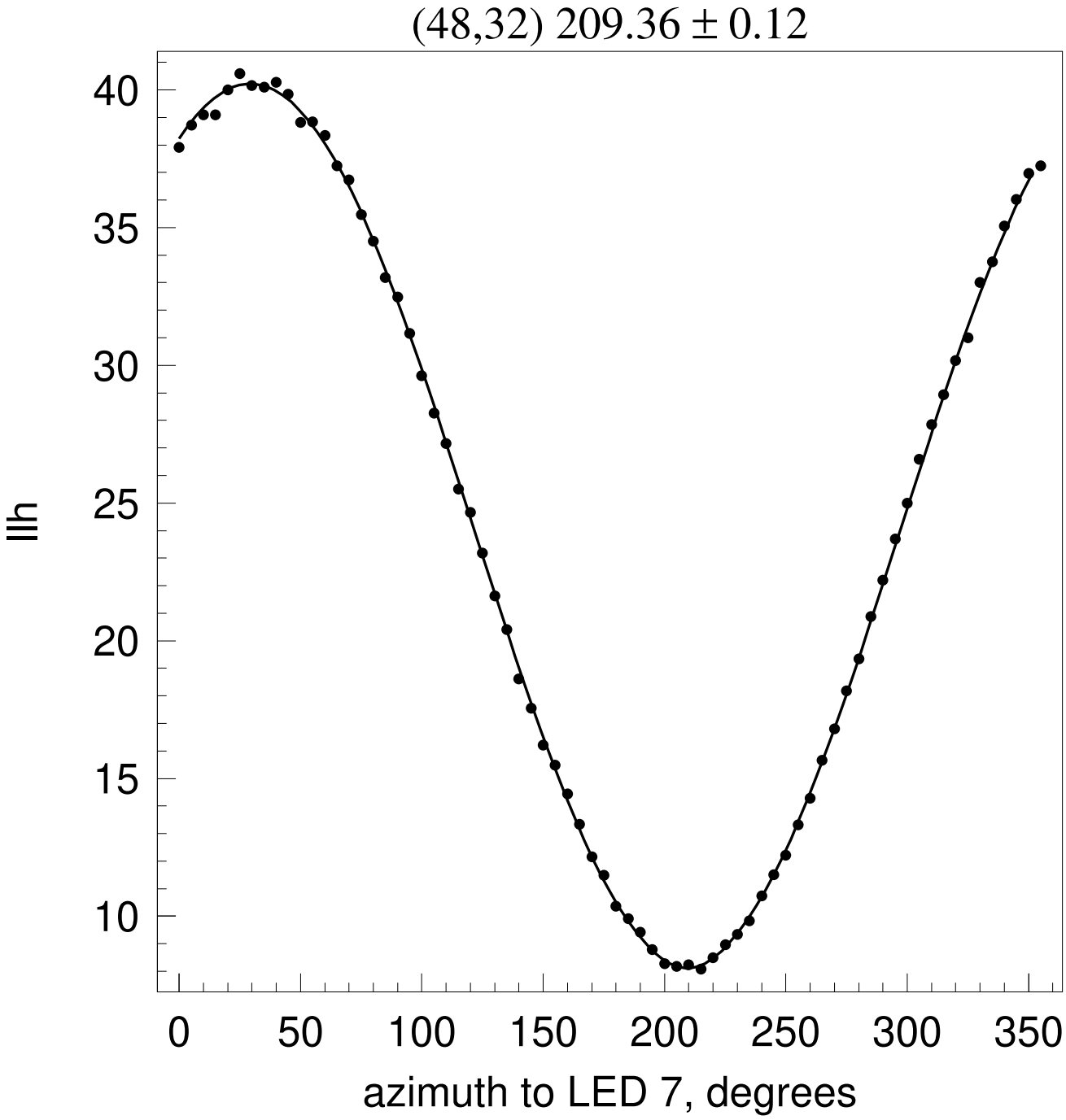

(48,27) 180.09 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

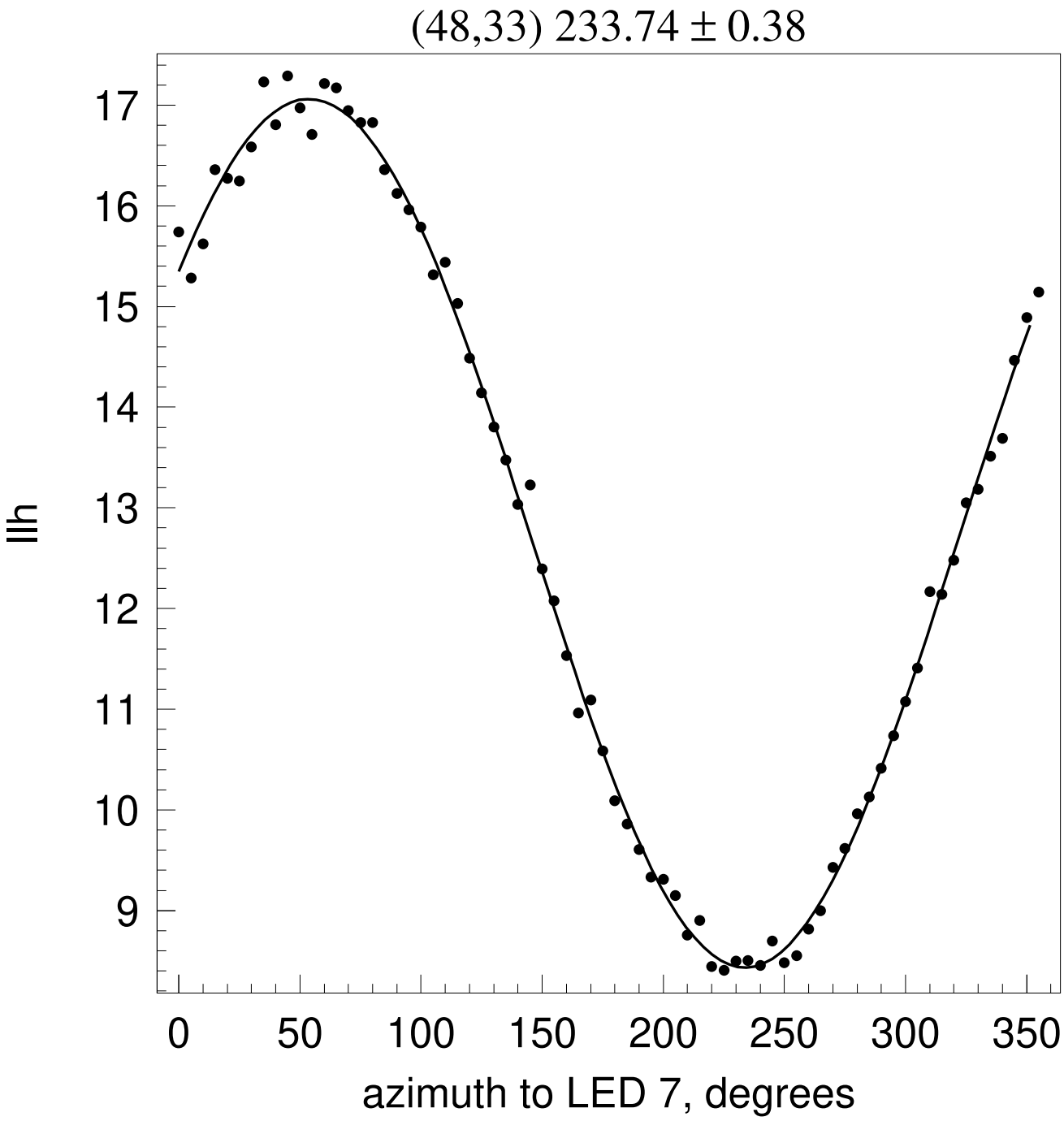

(48,28) 14.65 ± 0.78
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

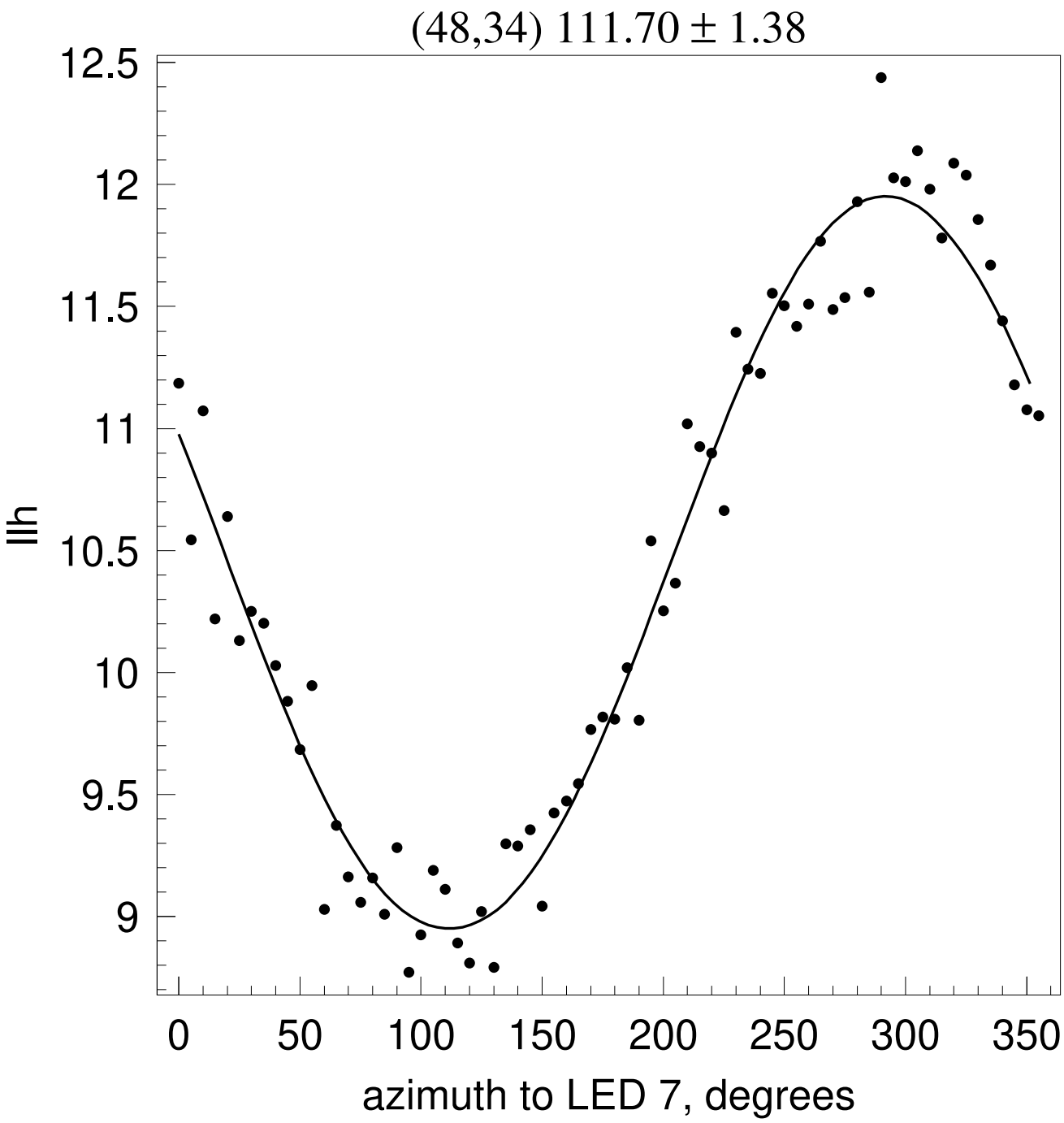

(48,29) 230.12 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

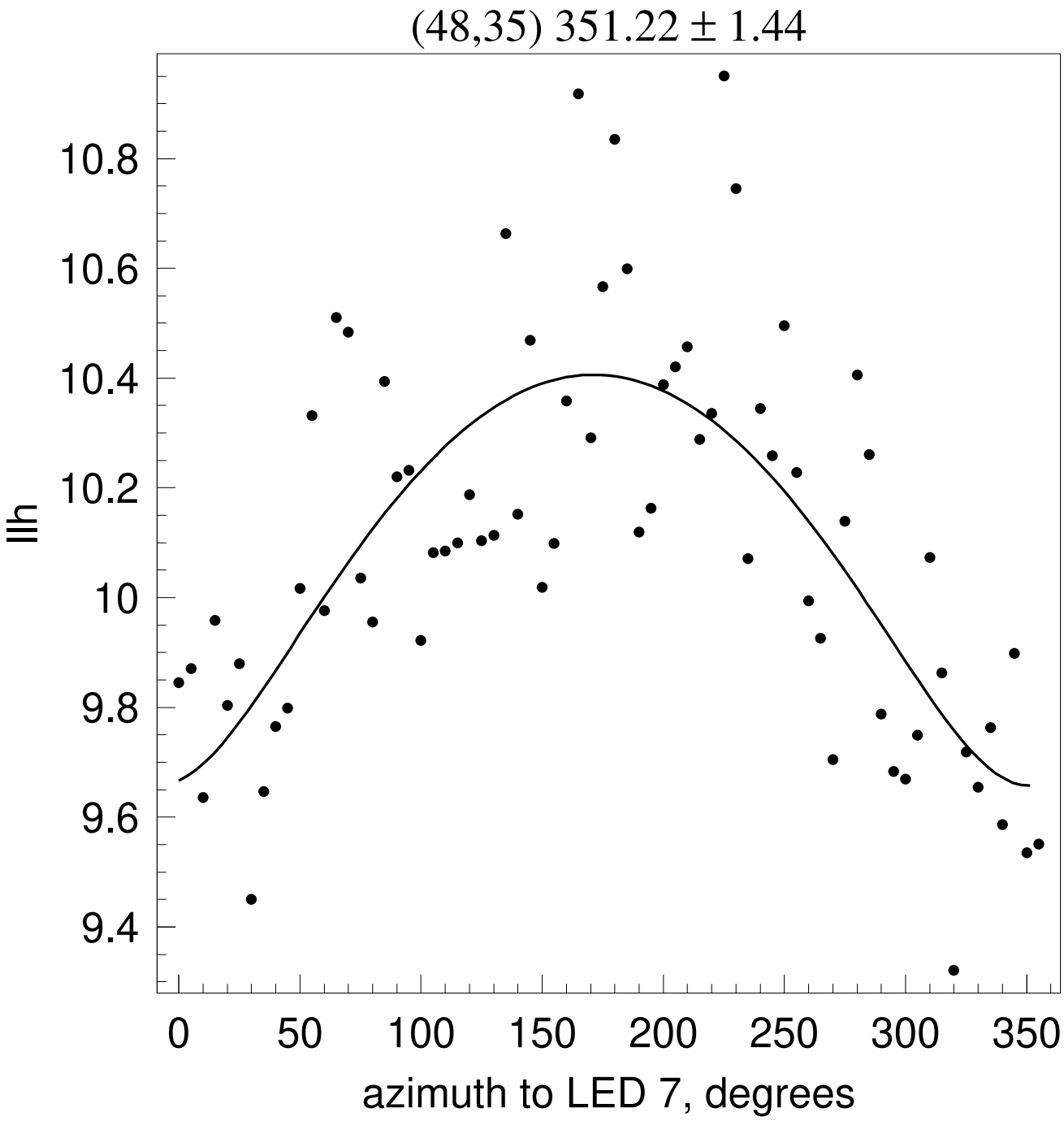

(48,30) 4.24 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

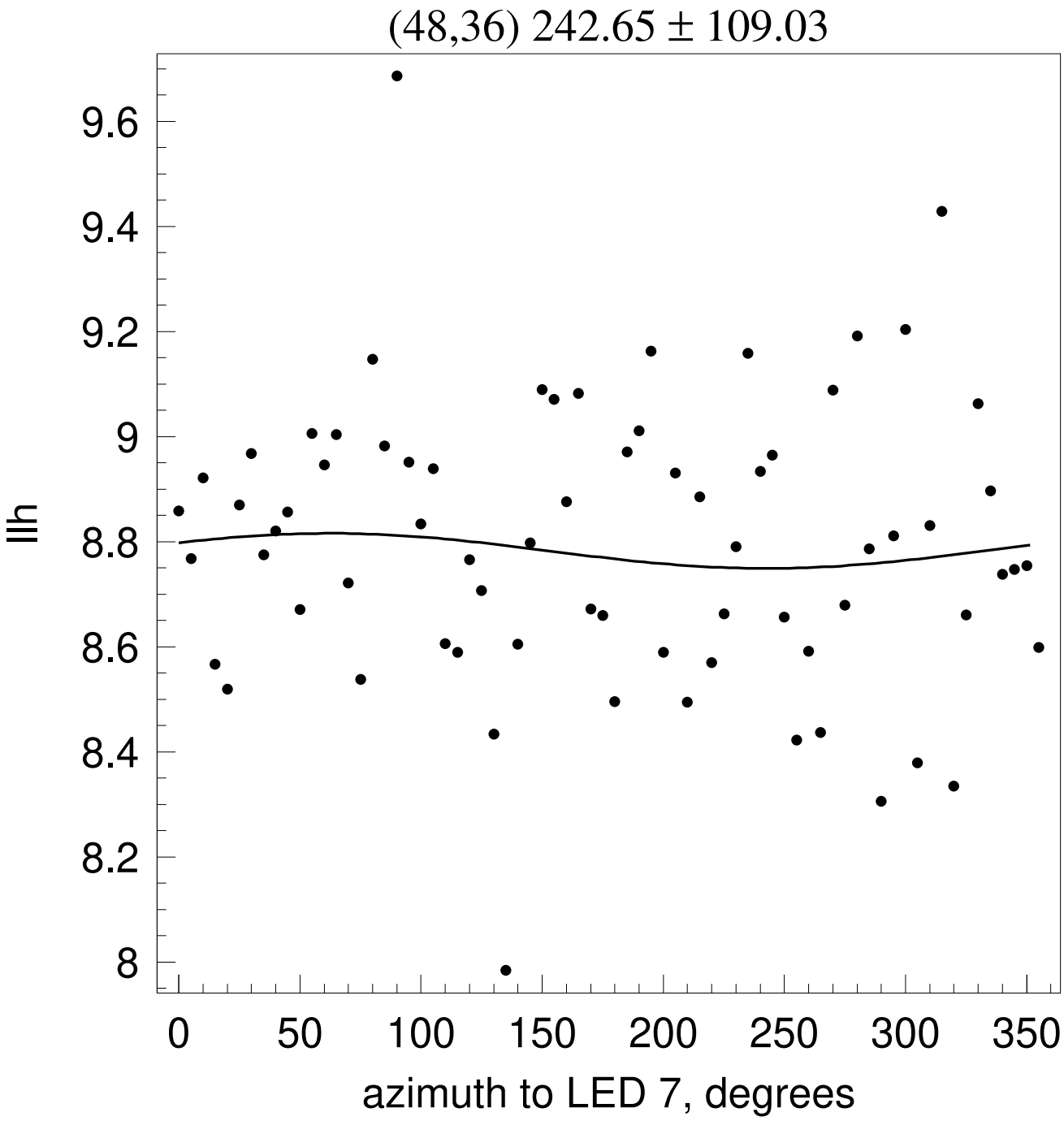

(48,31) 227.77 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

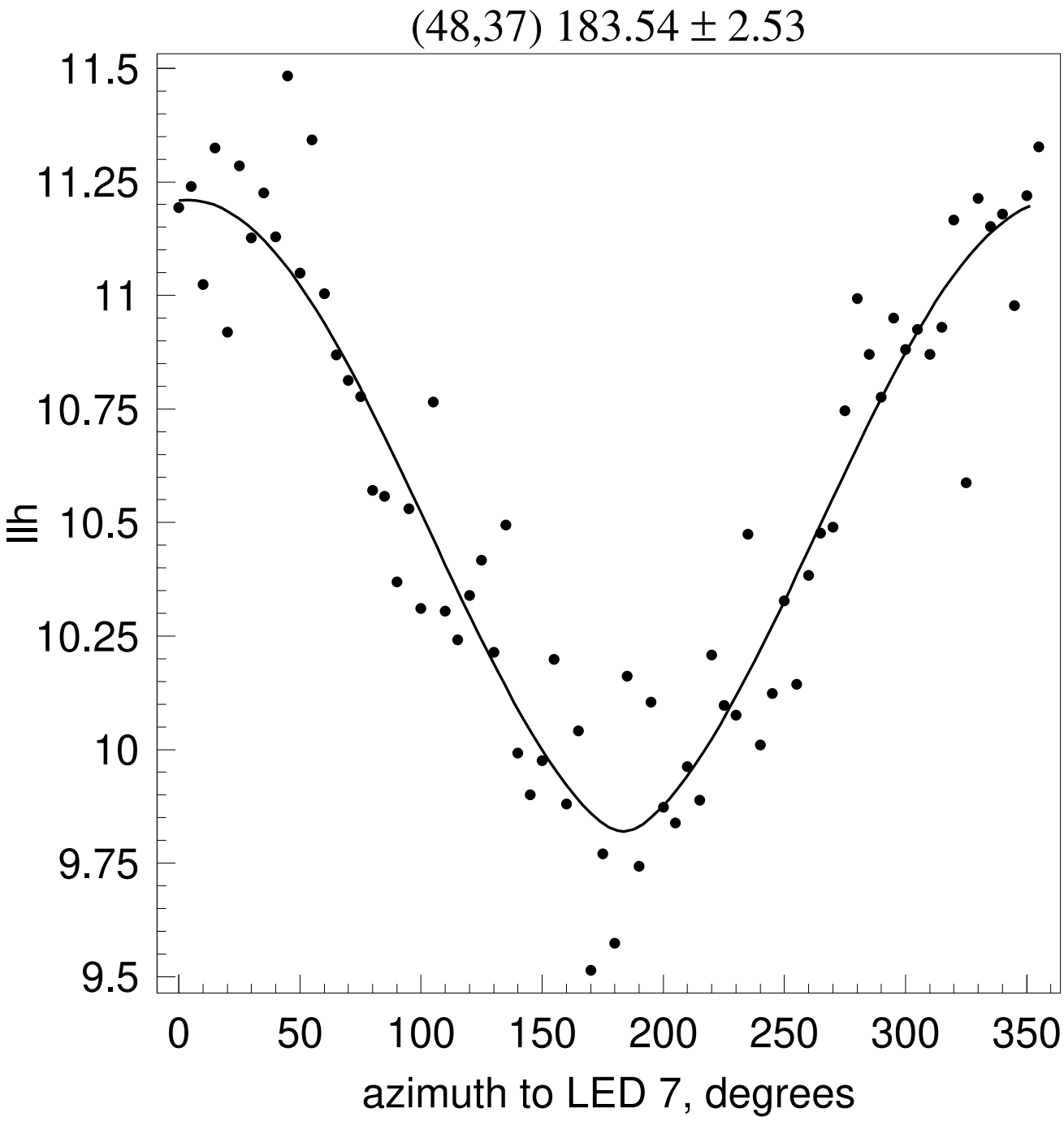

(48,32) 209.36 ± 0.12
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

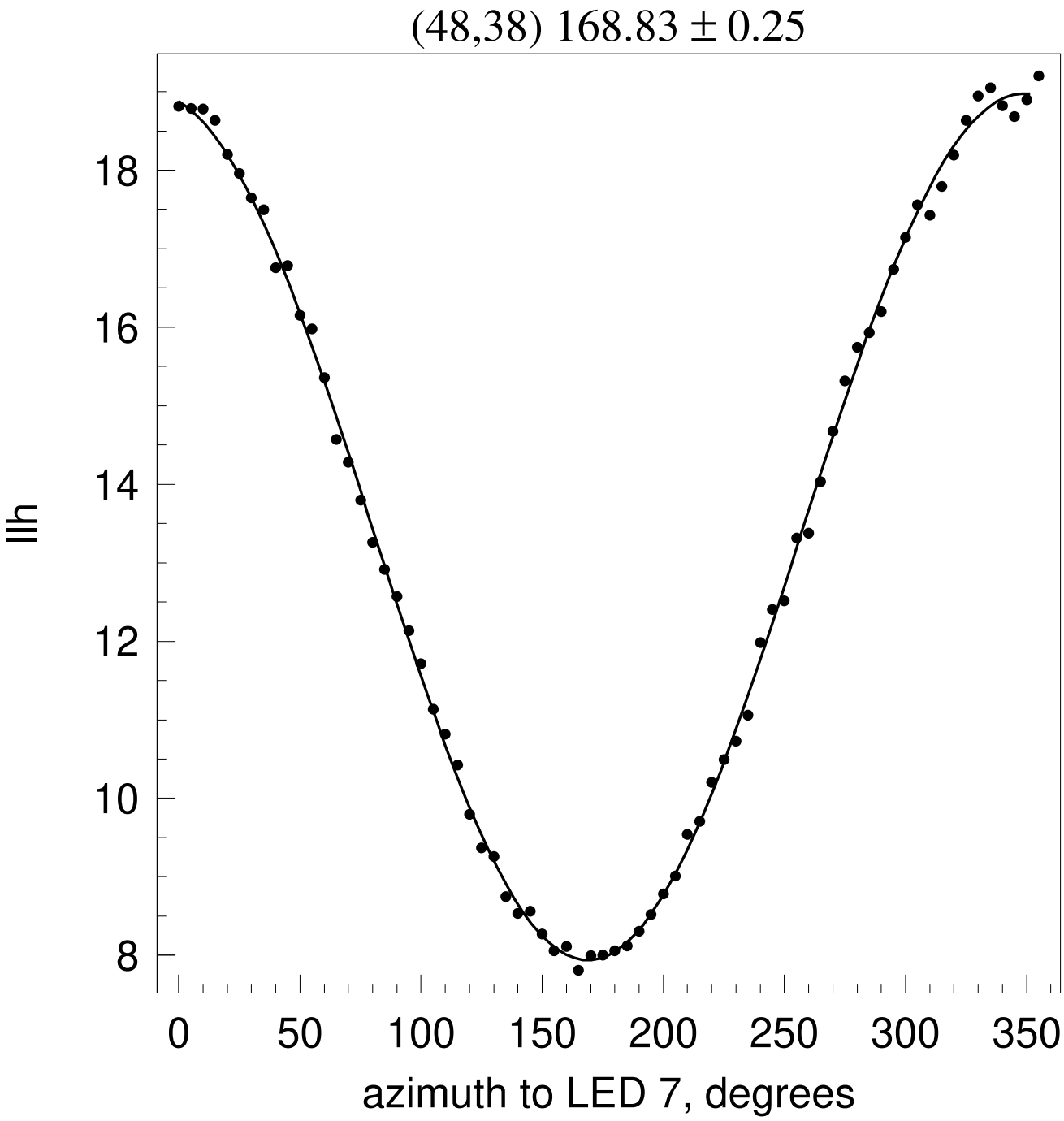

(48,33) 233.74 ± 0.38
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

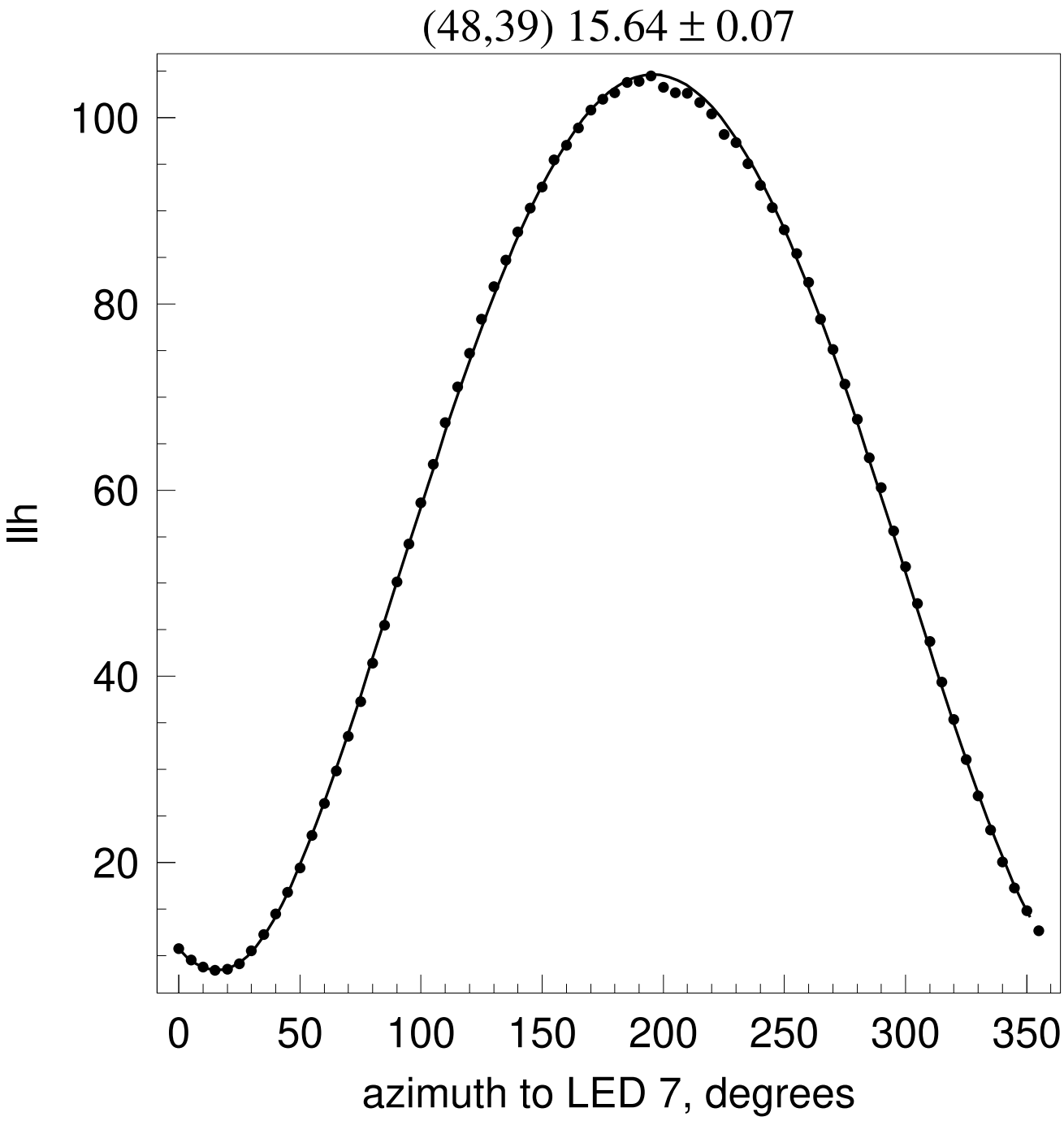

(48,34) 111.70 ± 1.38
12.5
12
11.5
11
10.5
10
9.5
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

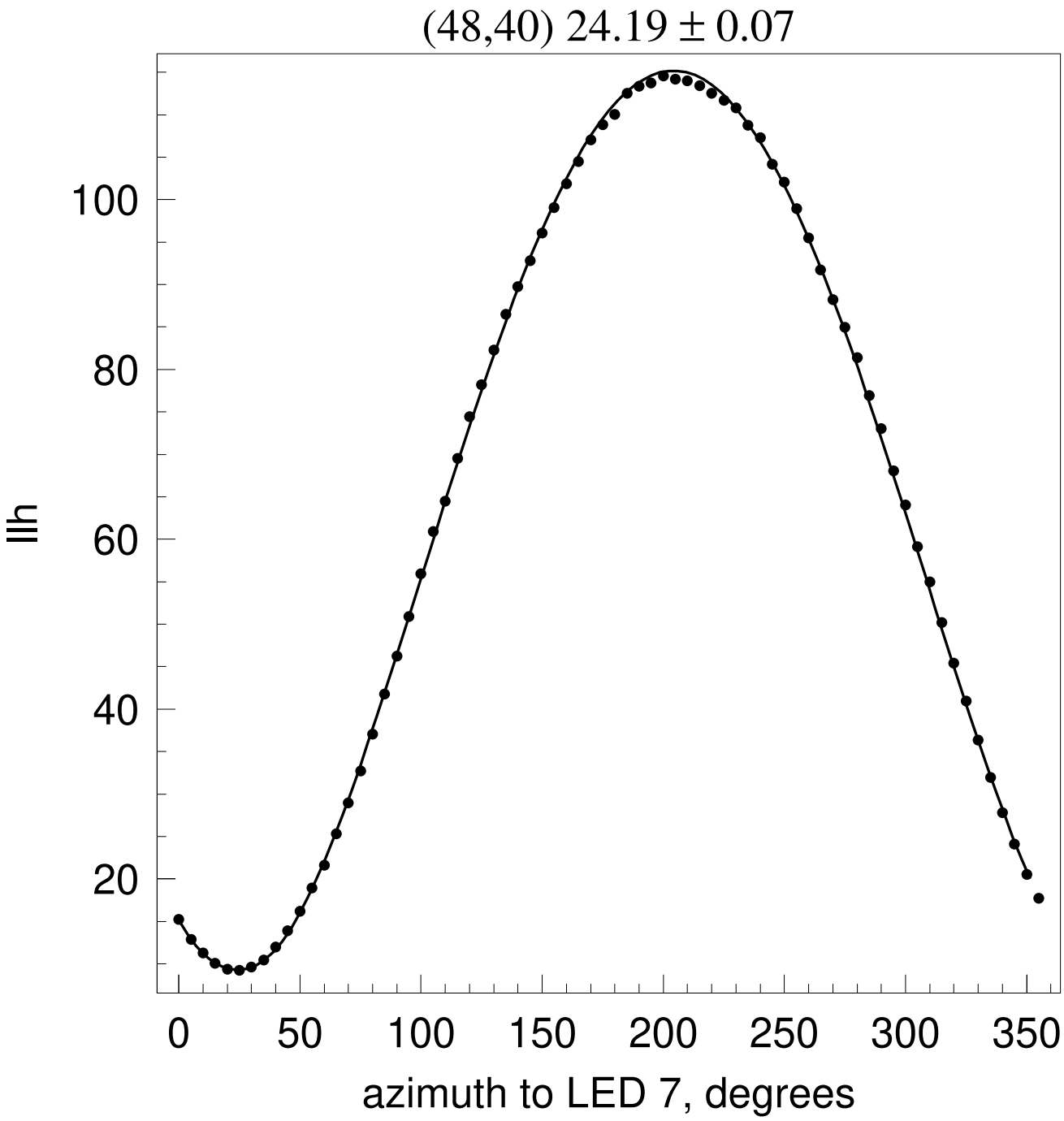

(48,35) 351.22 ± 1.44
10.8
10.6
10.4
10.2
10
9.8
9.6
9.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

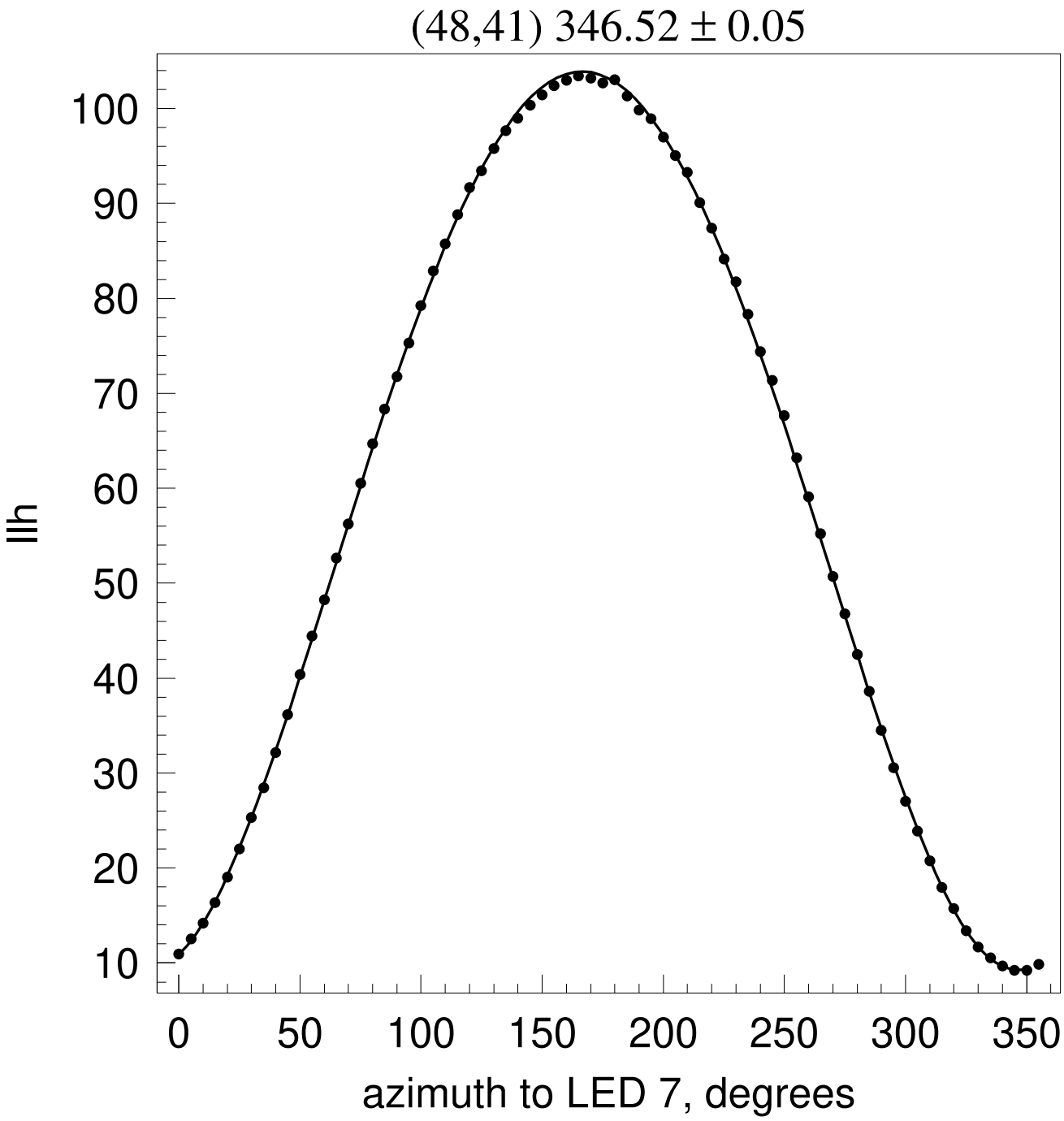

(48,36) 242.65 ± 109.03
9.6
9.4
9.2
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

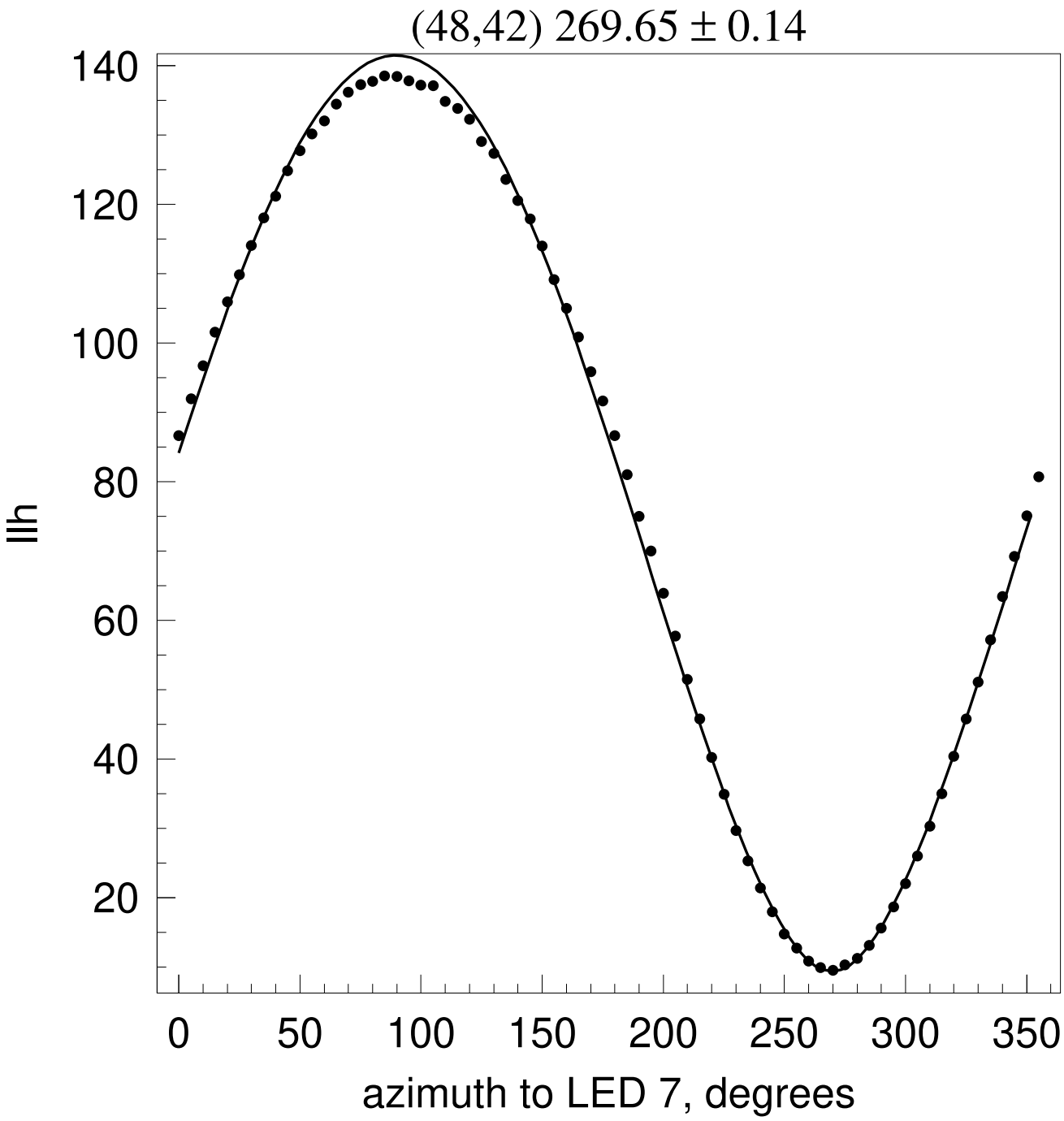

(48,37) 183.54 ± 2.53
11.5
11.25
11
10.75
10.5
10.25
10
9.75
9.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

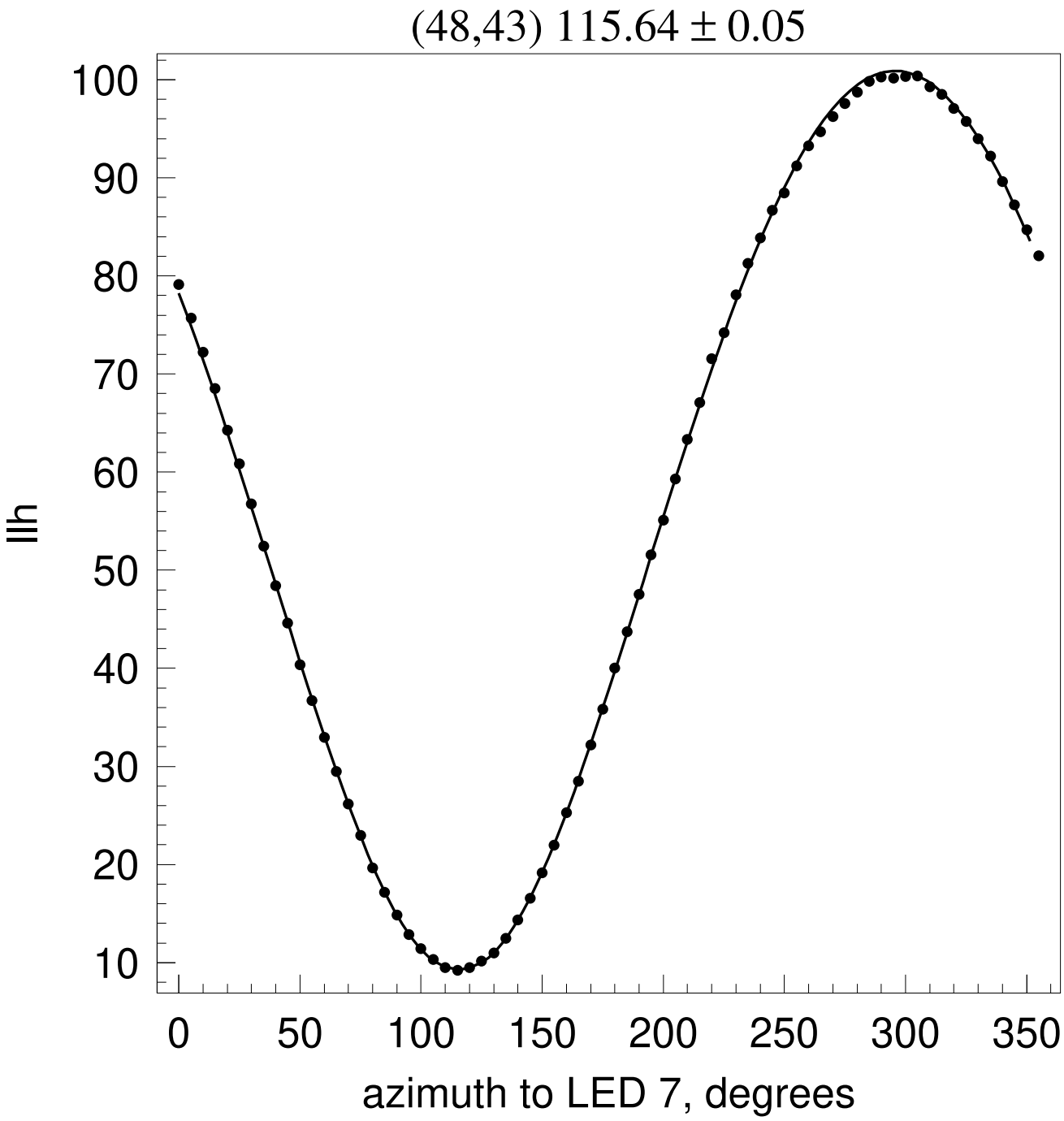

(48,38) 168.83 ± 0.25
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

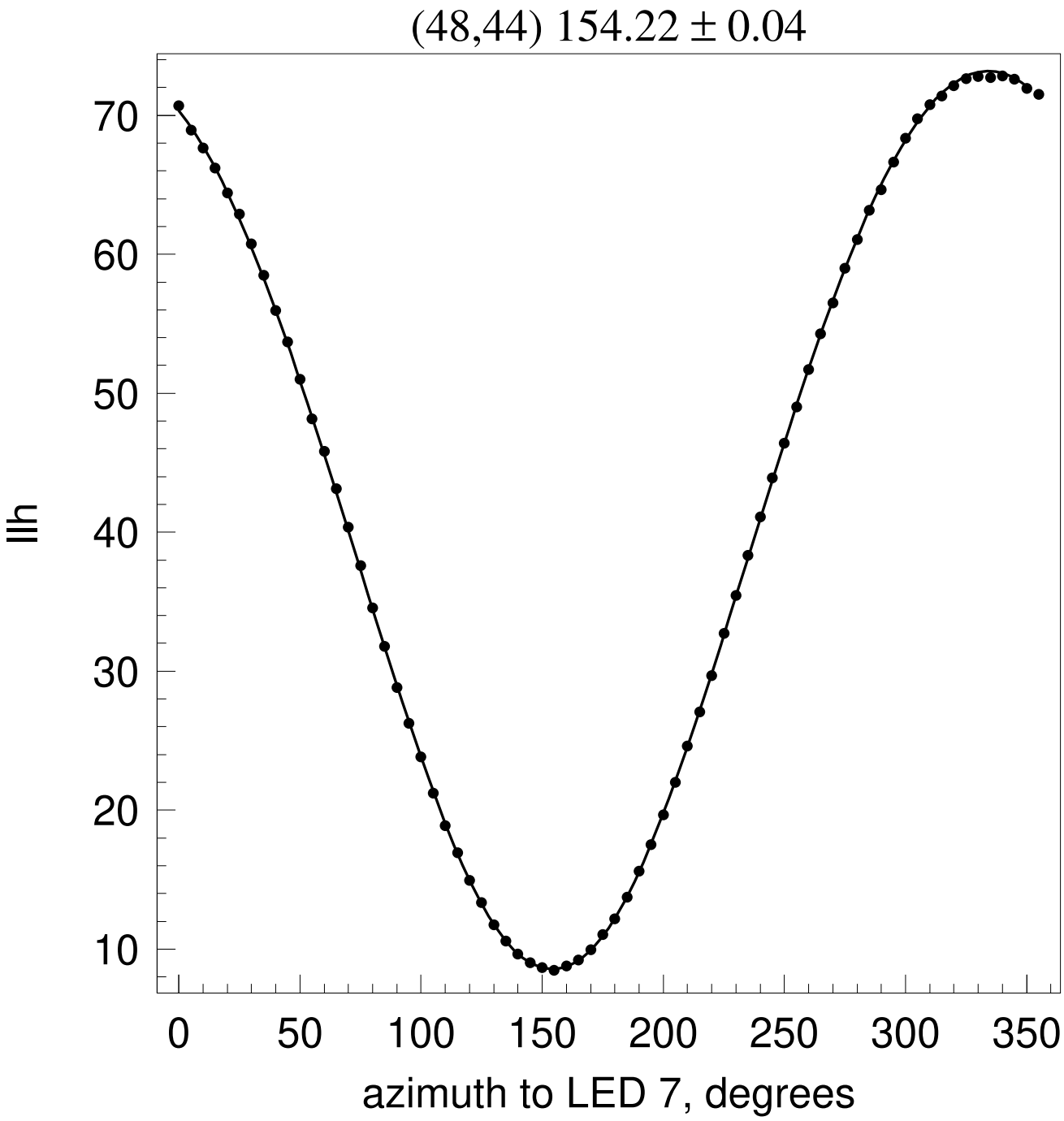

(48,39) 15.64 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

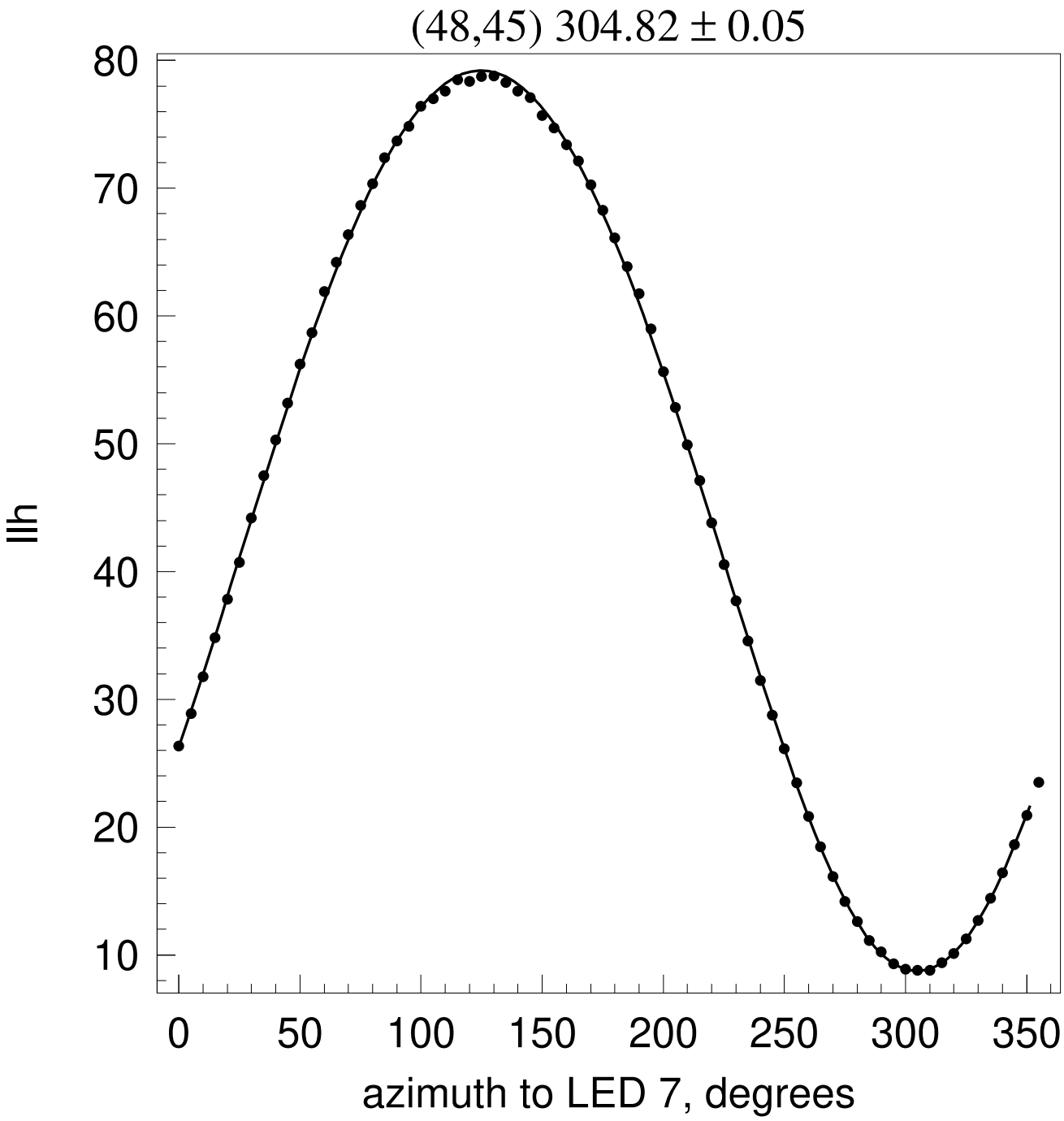

(48,40) 24.19 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

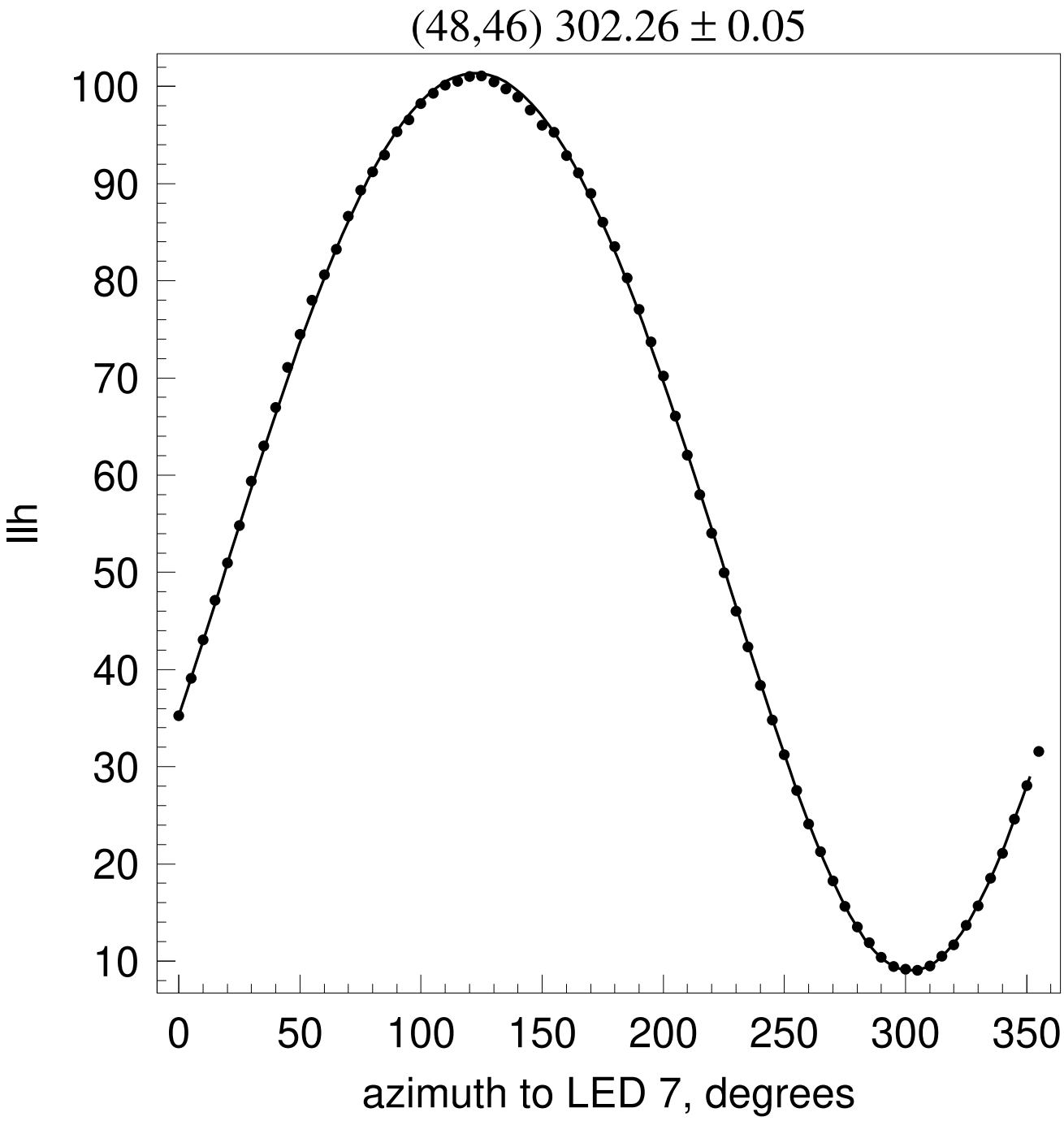

(48,41) 346.52 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

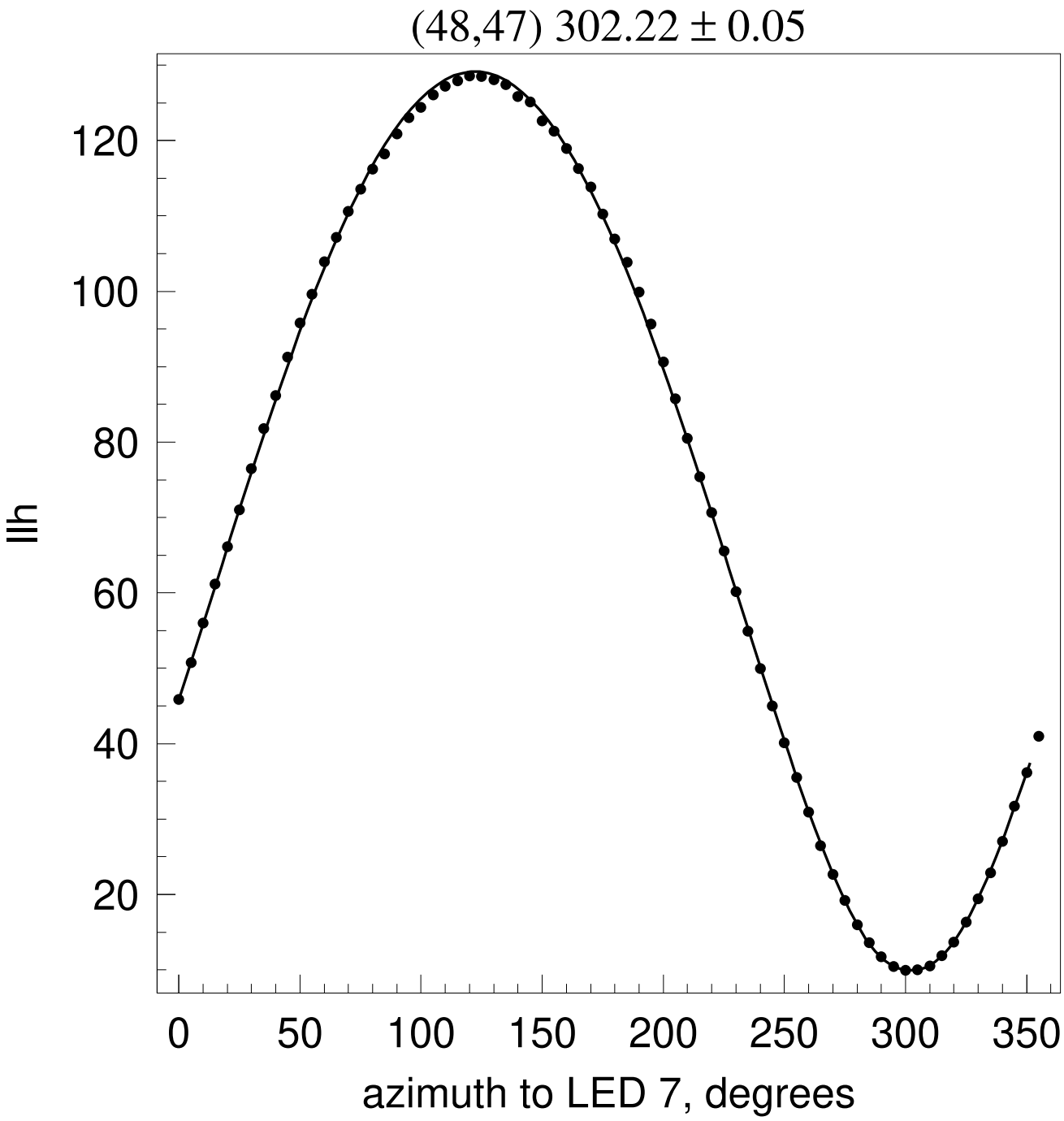

(48,42) 269.65 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

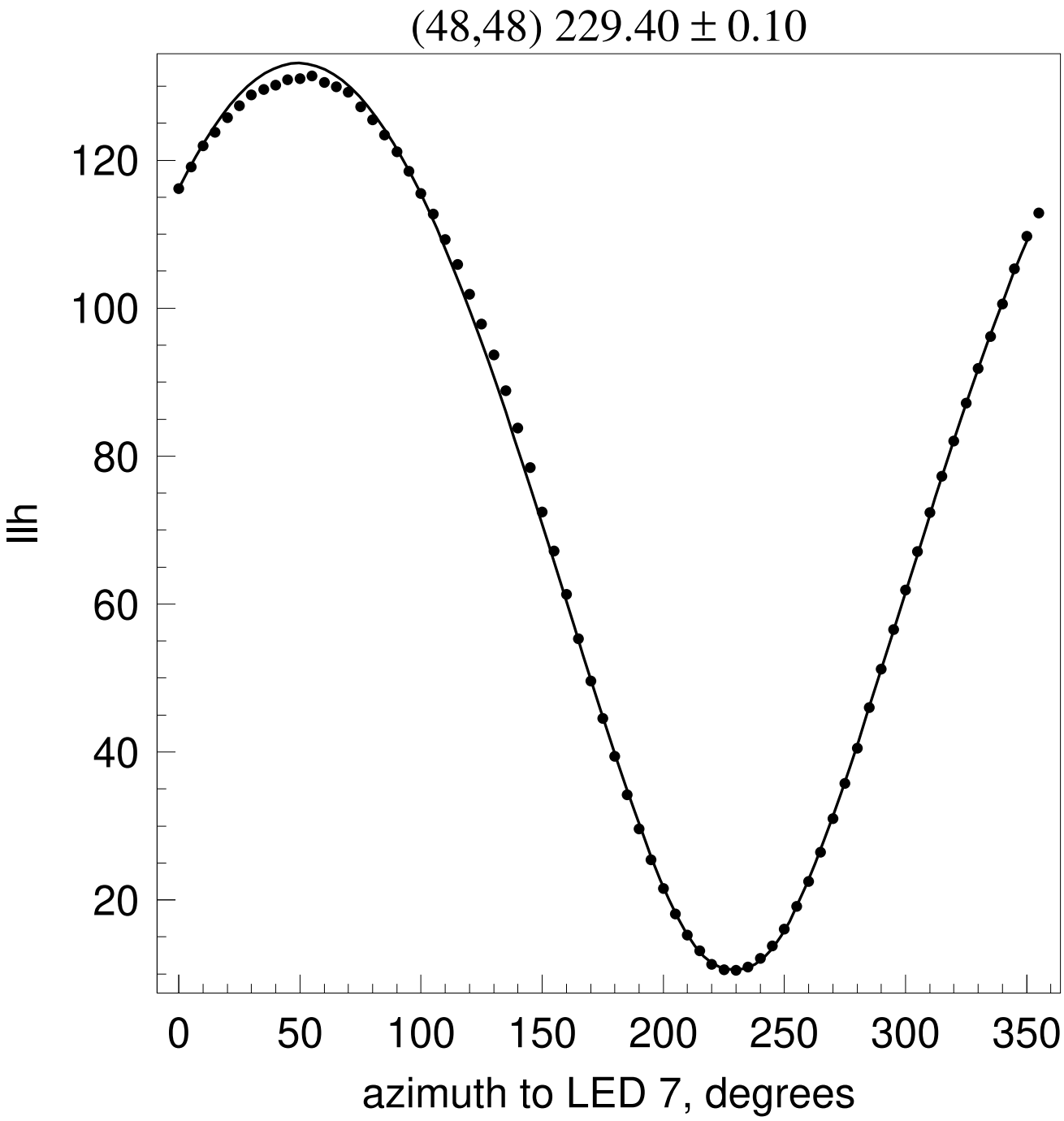

(48,43) 115.64 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

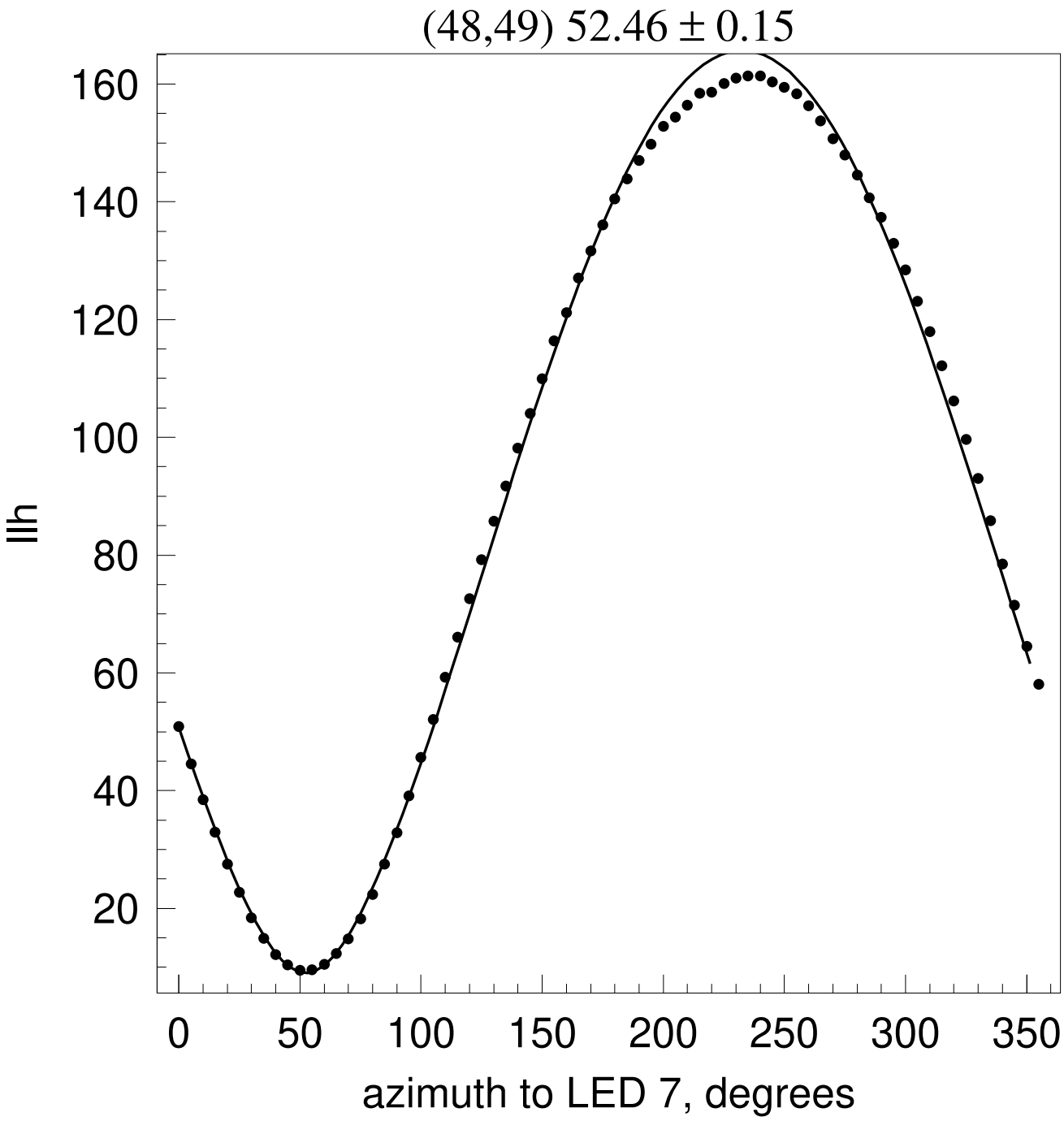

(48,44) 154.22 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

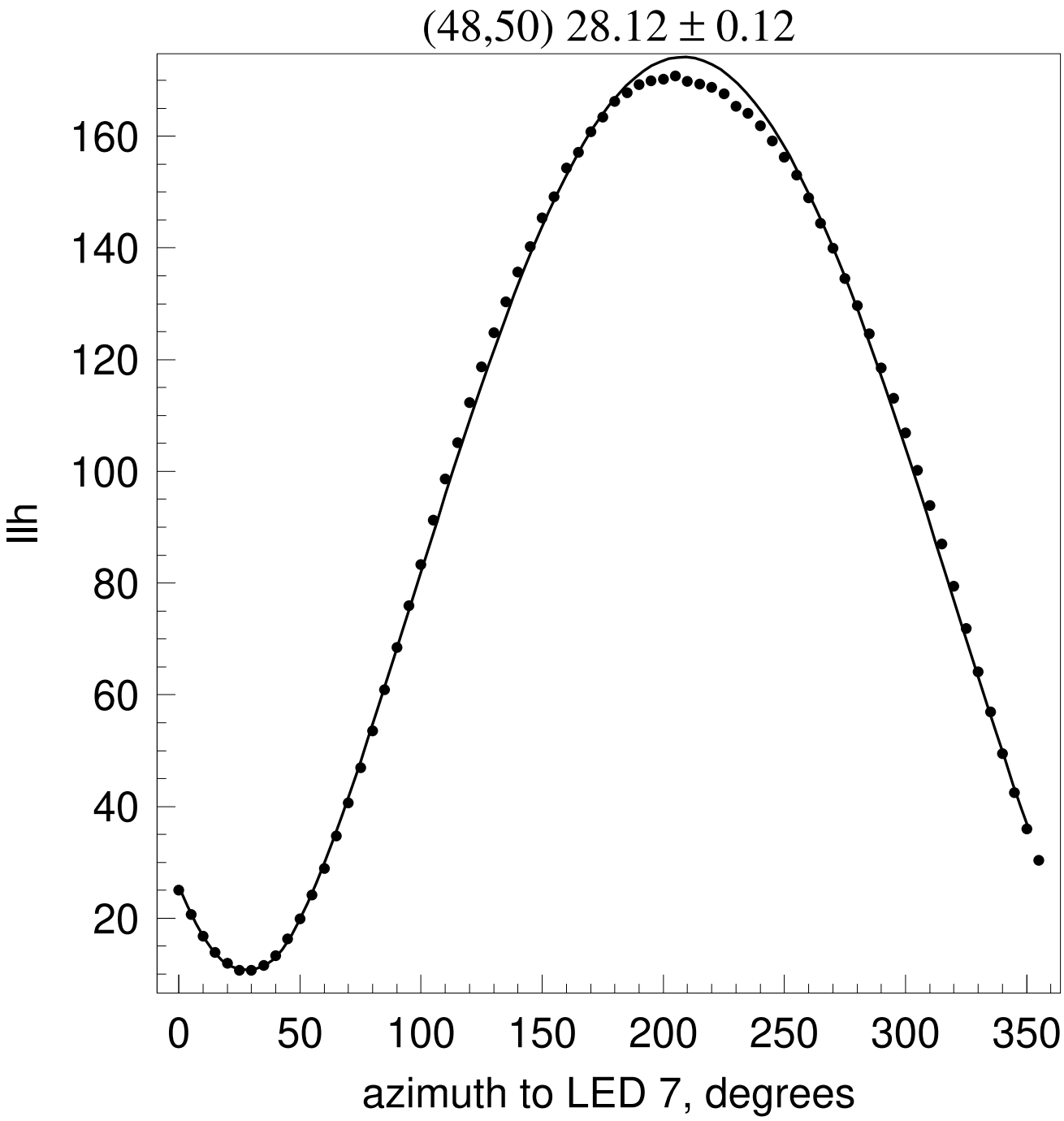

(48,45) 304.82 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

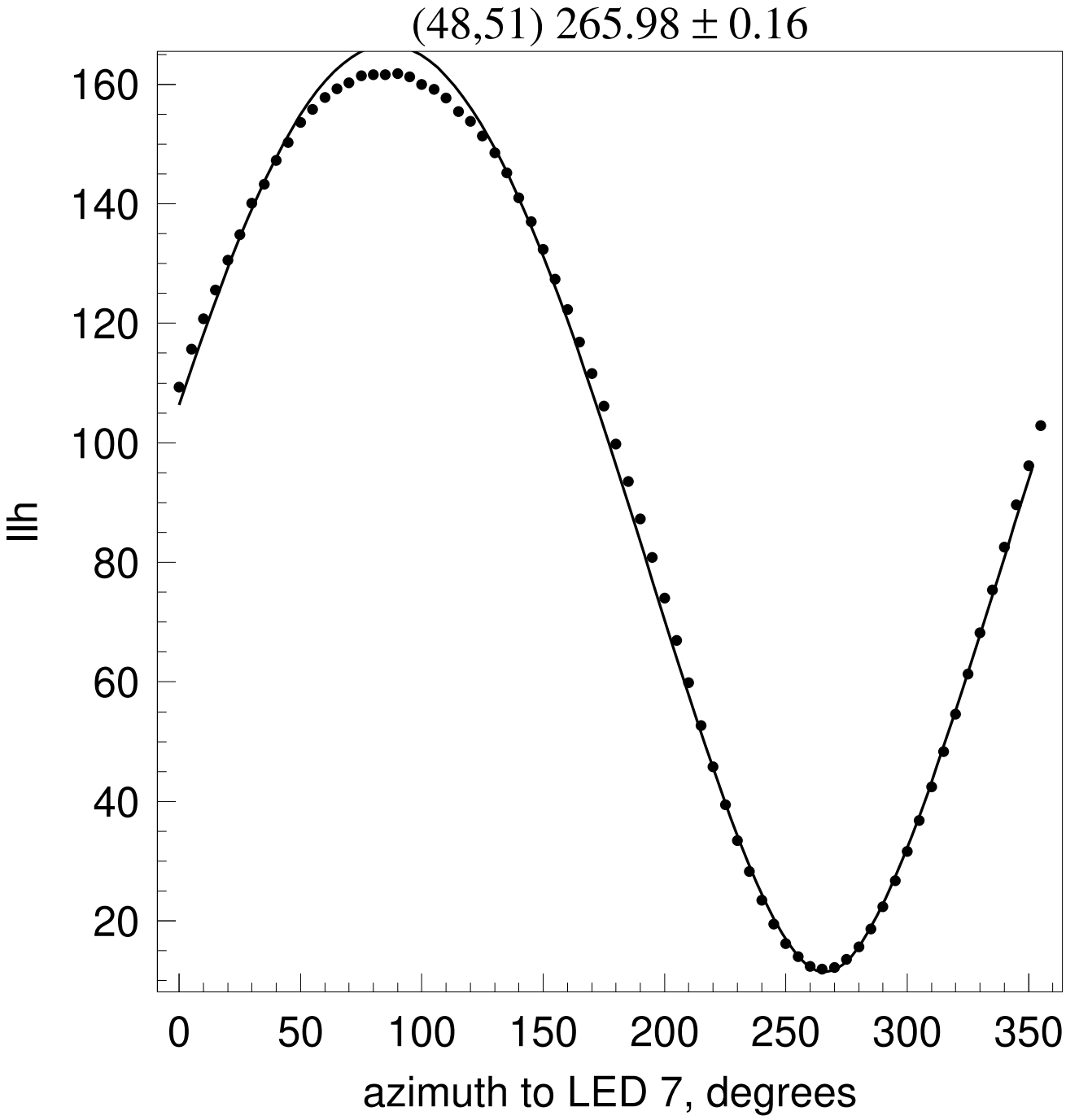

(48,46) 302.26 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

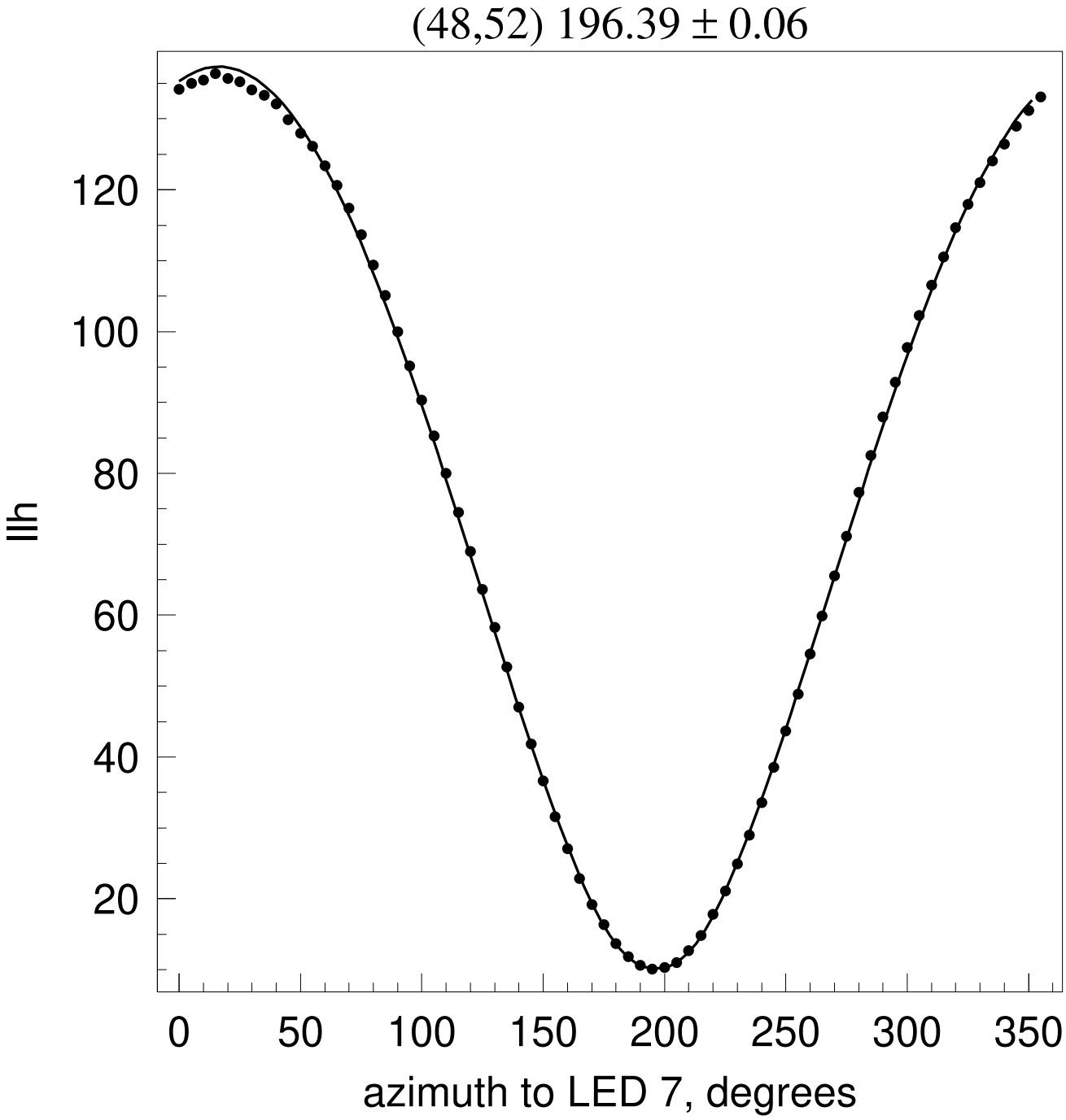

(48,47) 302.22 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

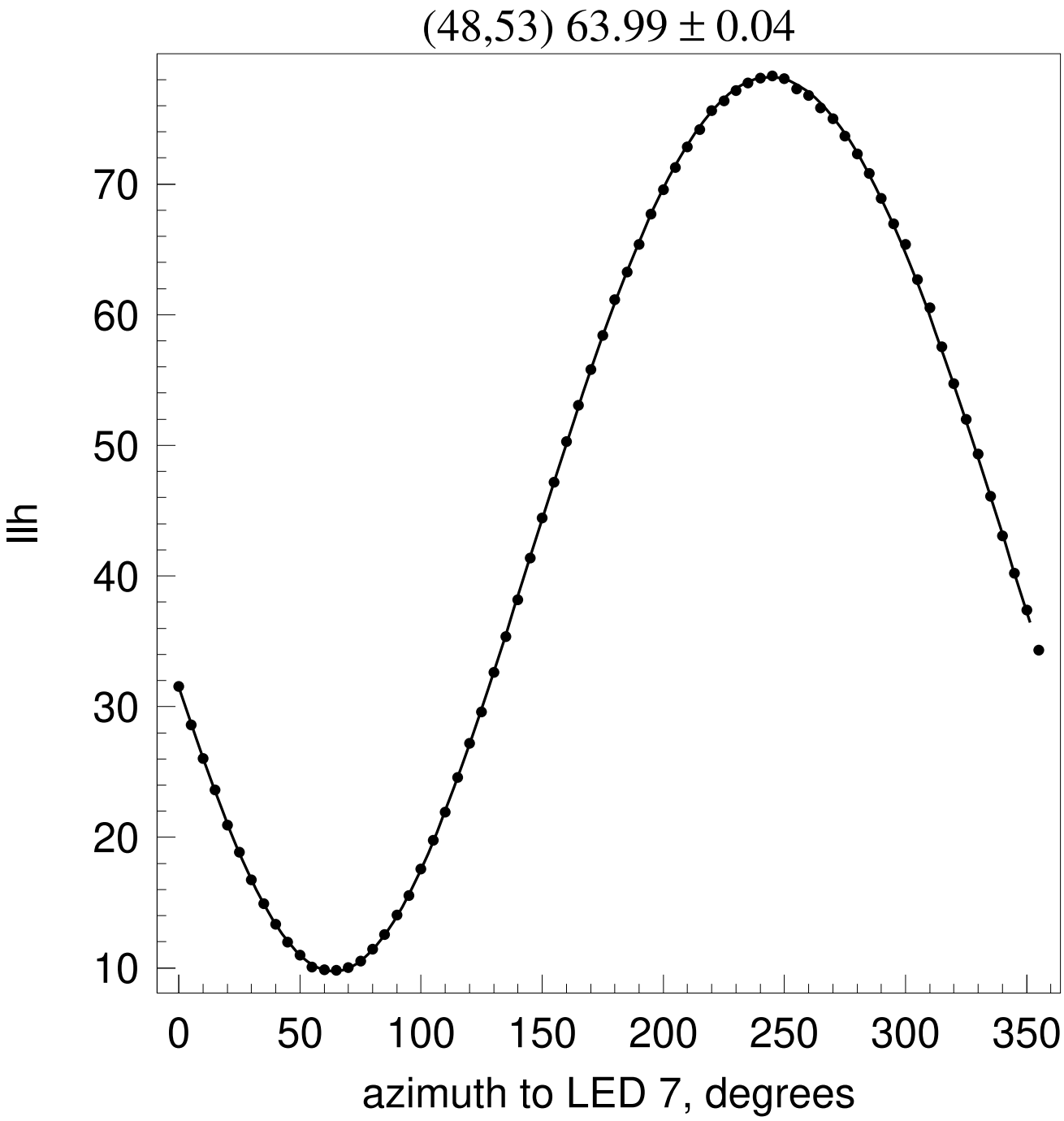

(48,48) 229.40 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

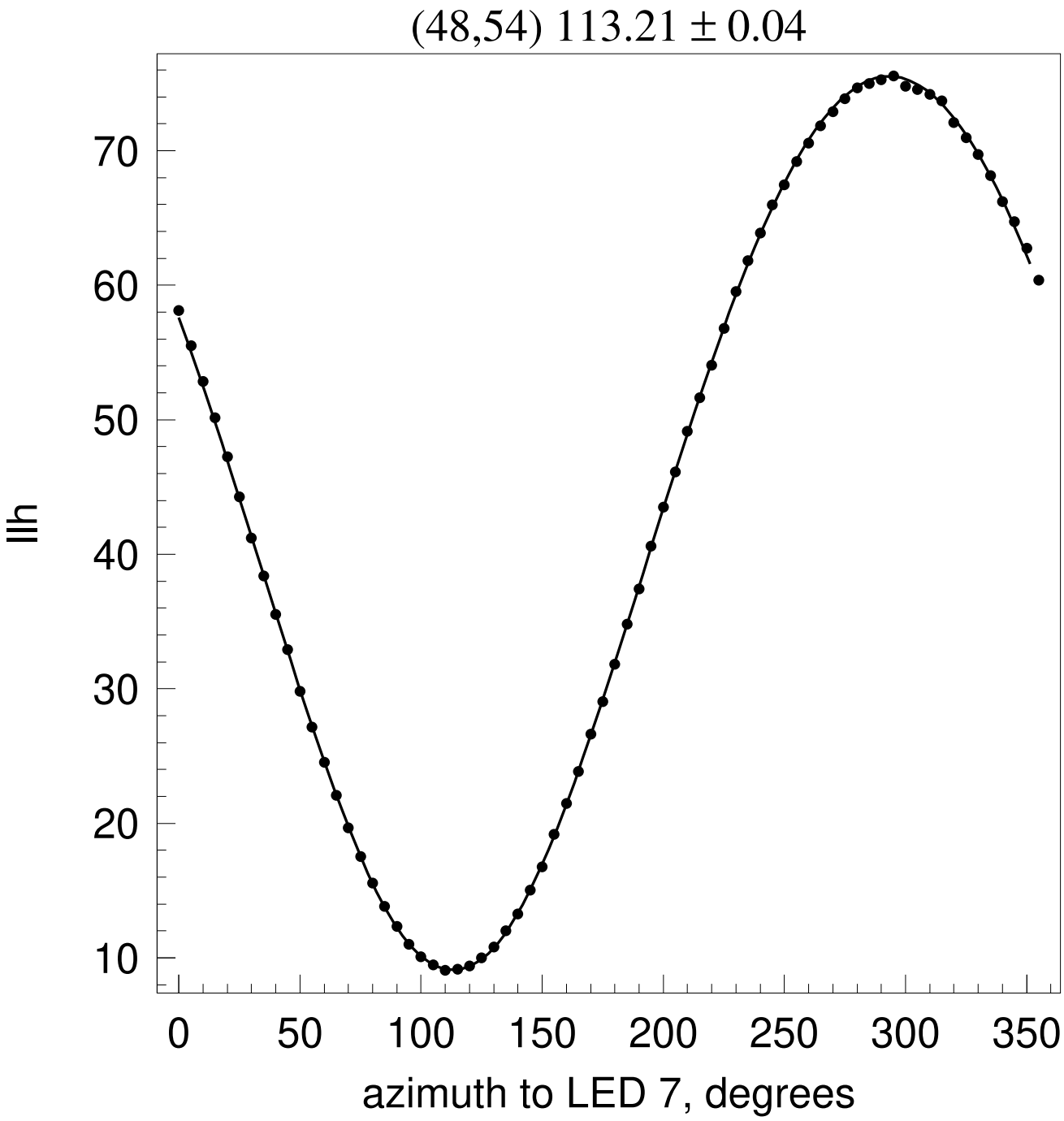

(48,49) 52.46 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

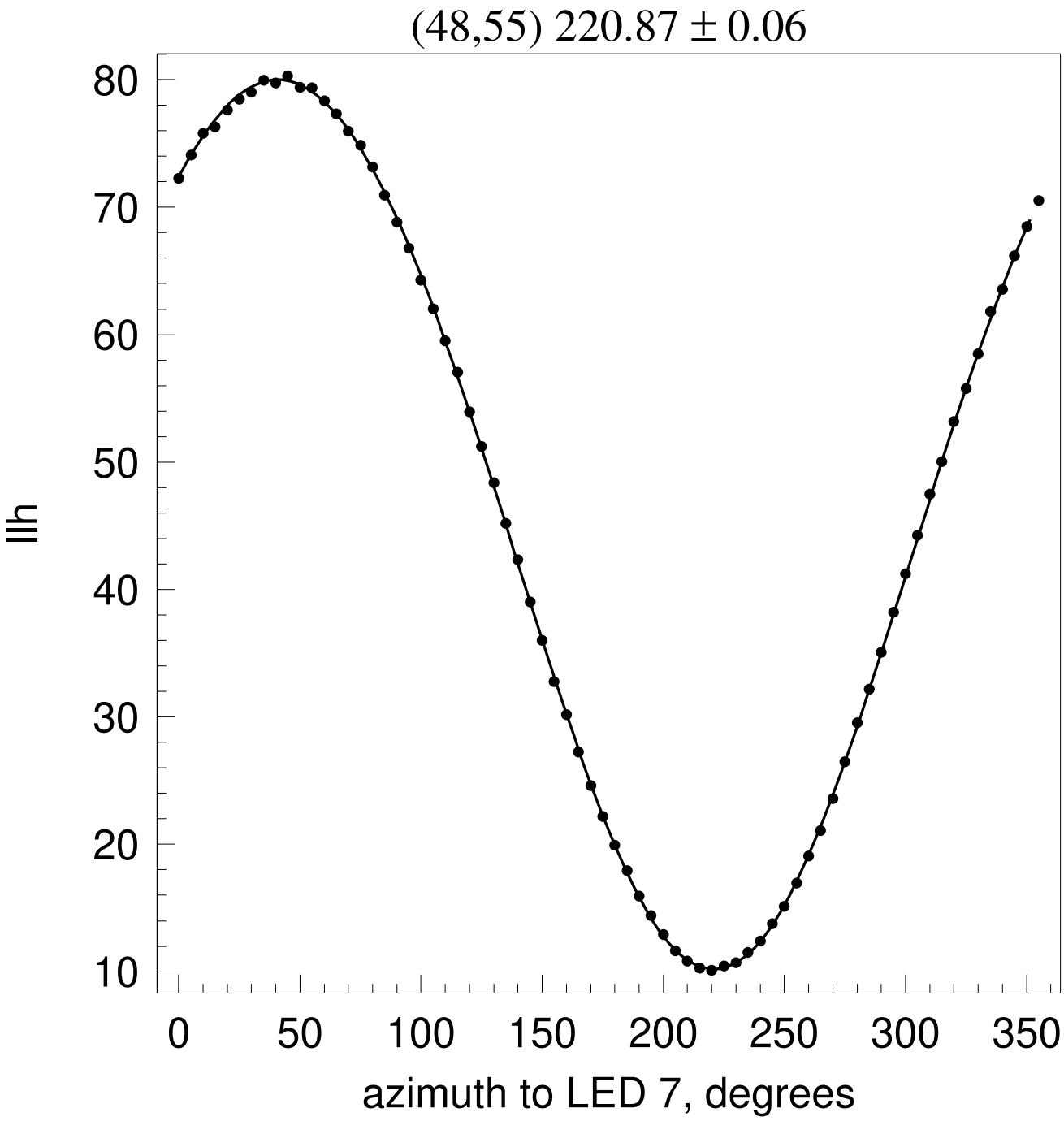

(48,50) 28.12 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

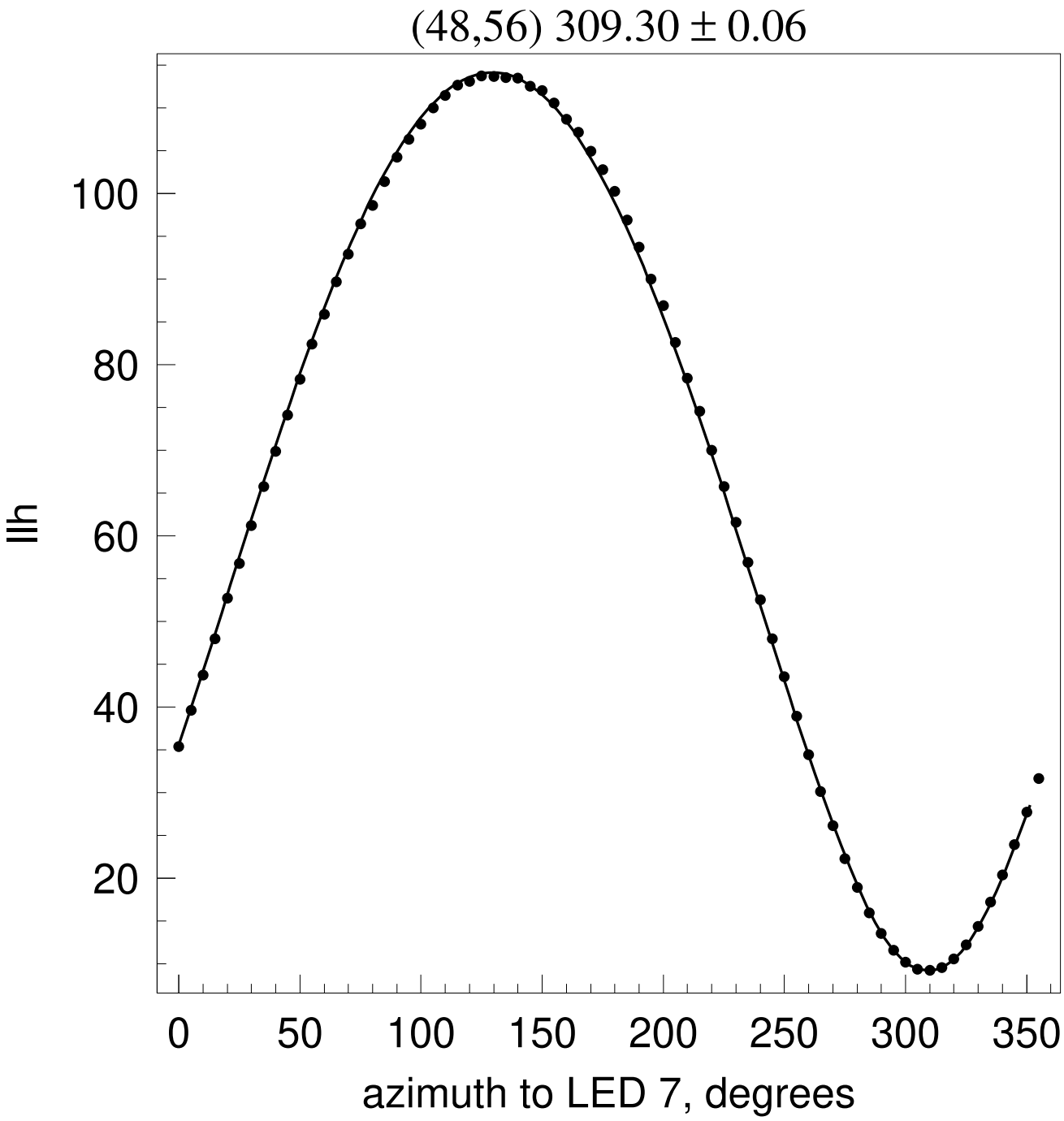

(48,51) 265.98 ± 0.16
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

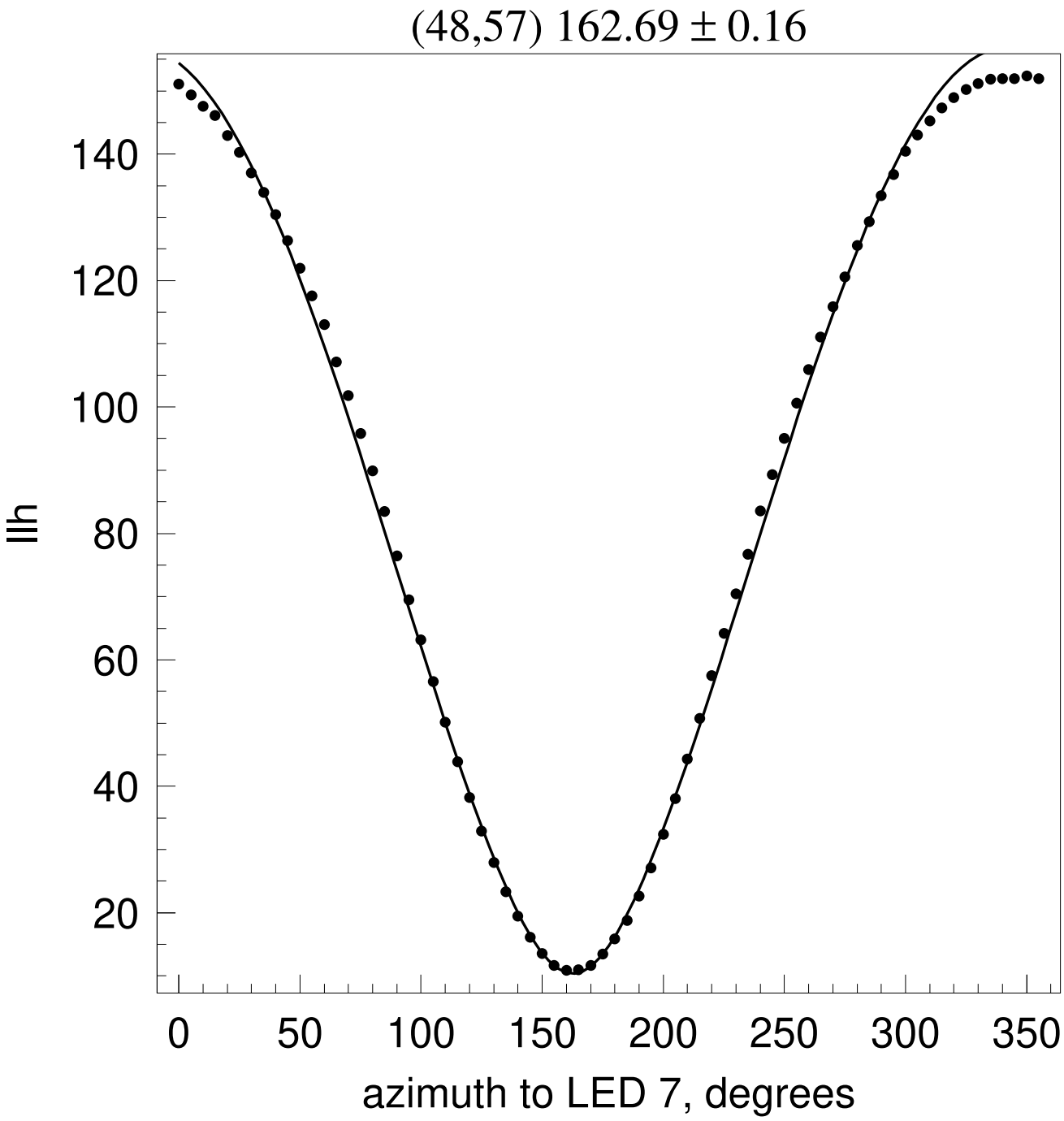

(48,52) 196.39 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

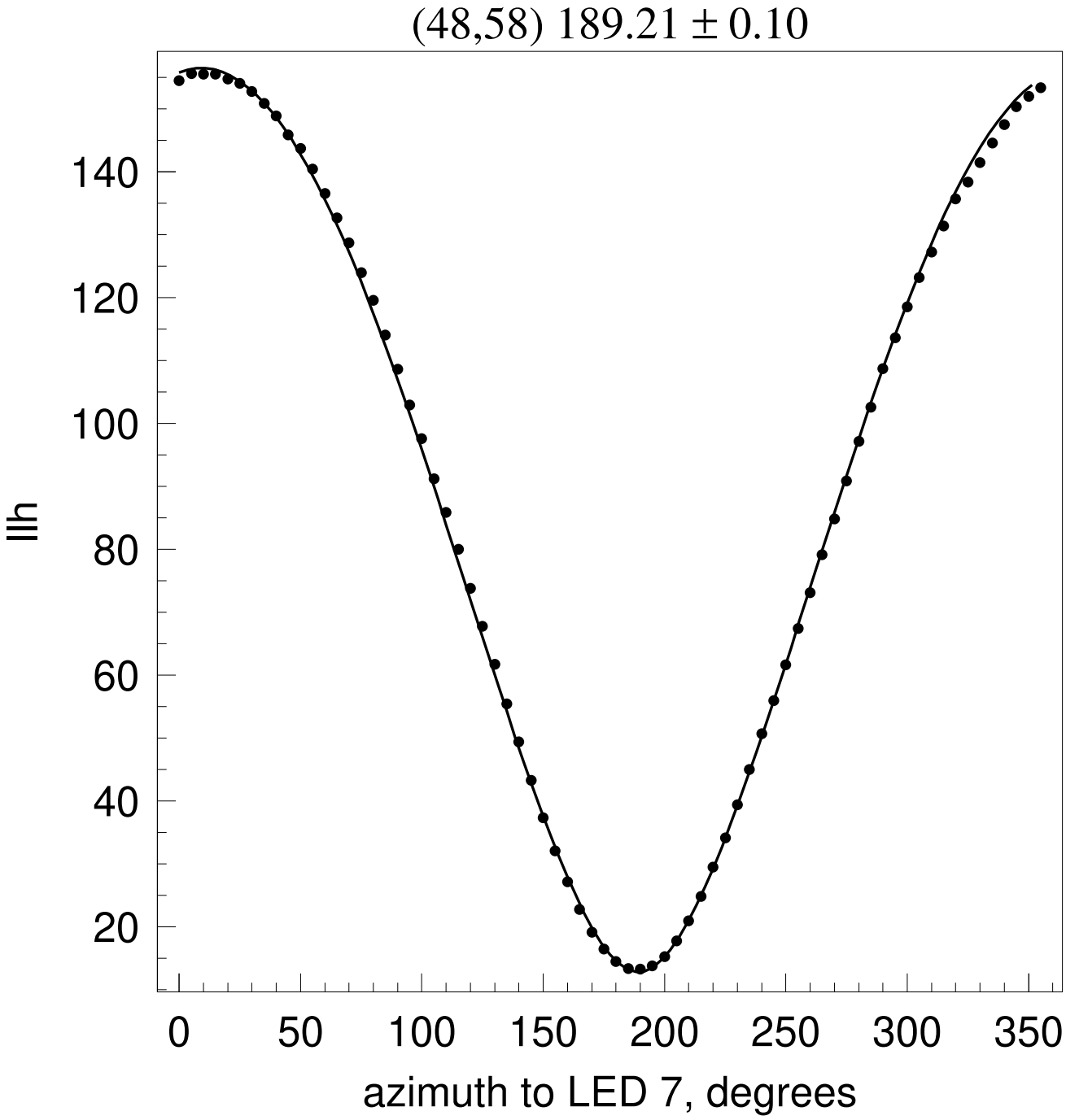

(48,53) 63.99 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

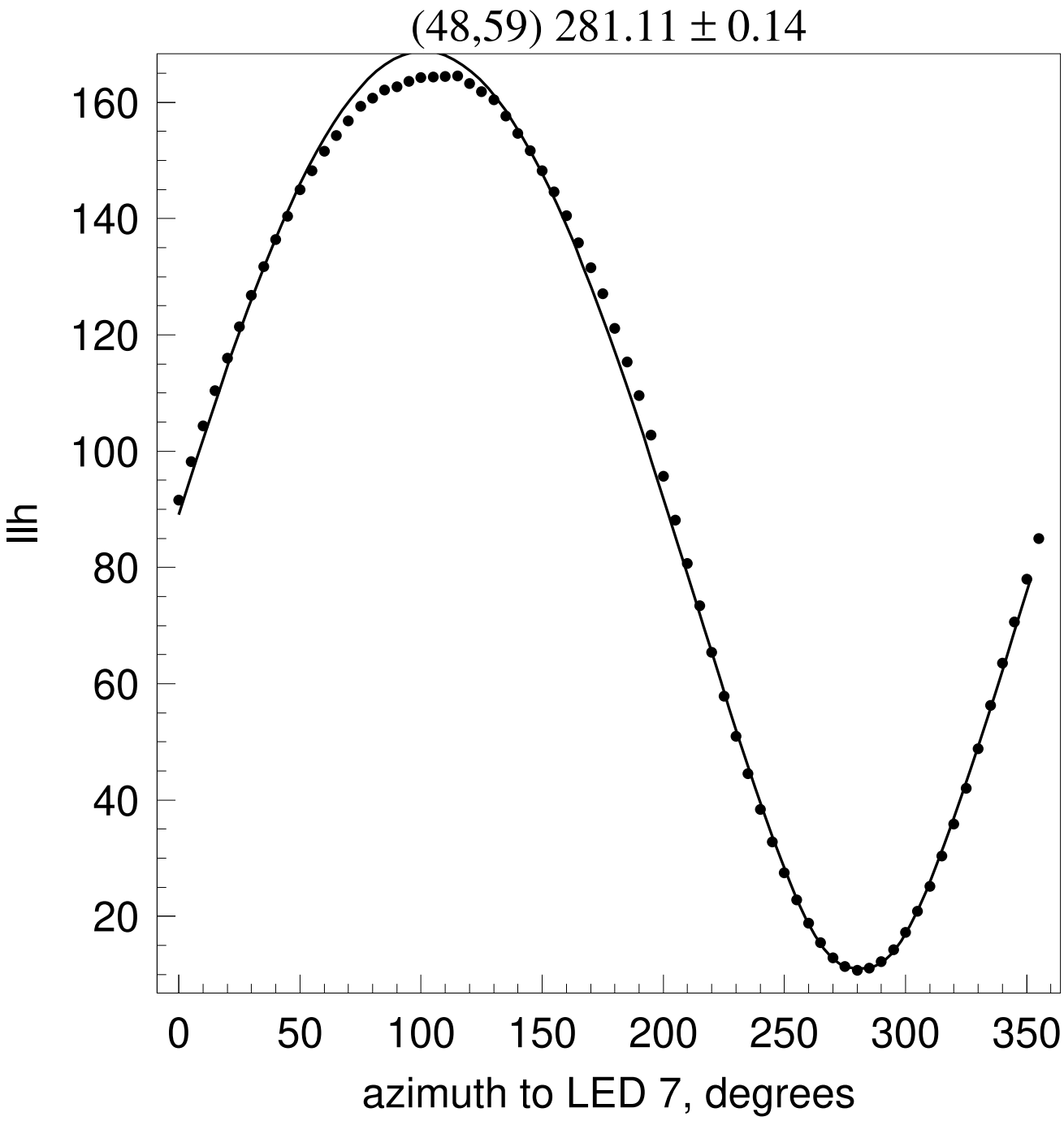

(48,54) 113.21 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

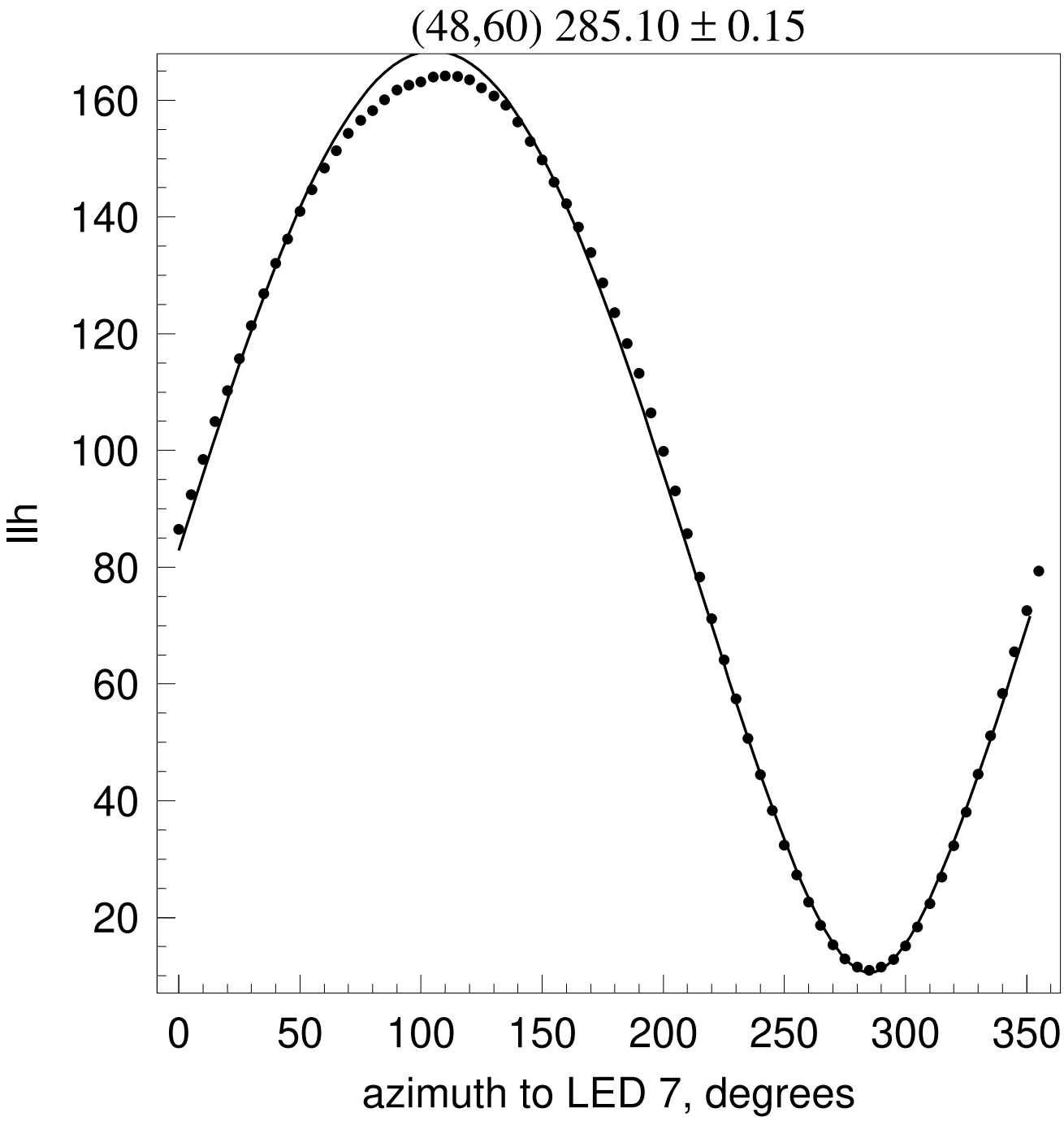

(48,55) 220.87 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

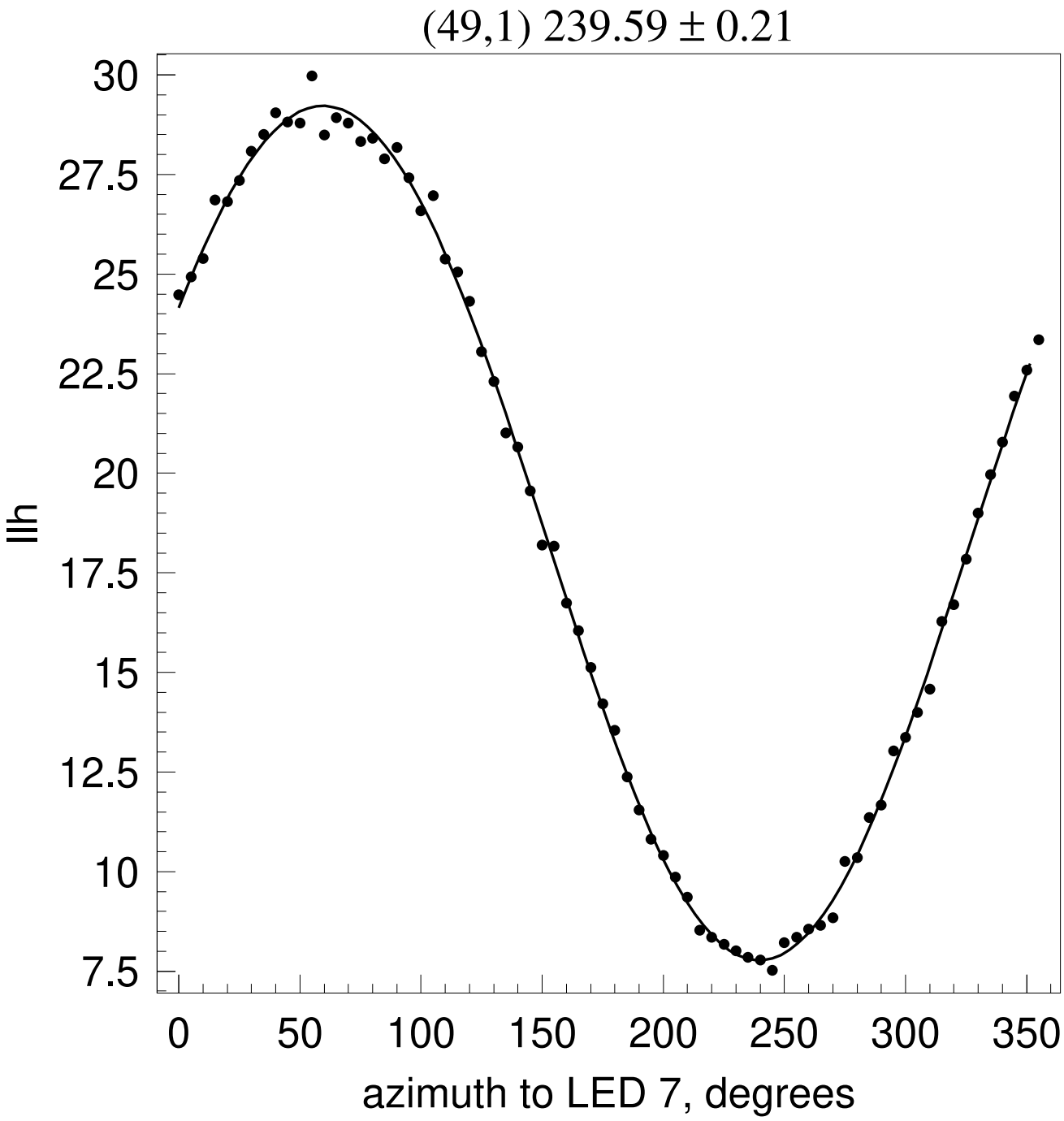

(48,56) 309.30 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

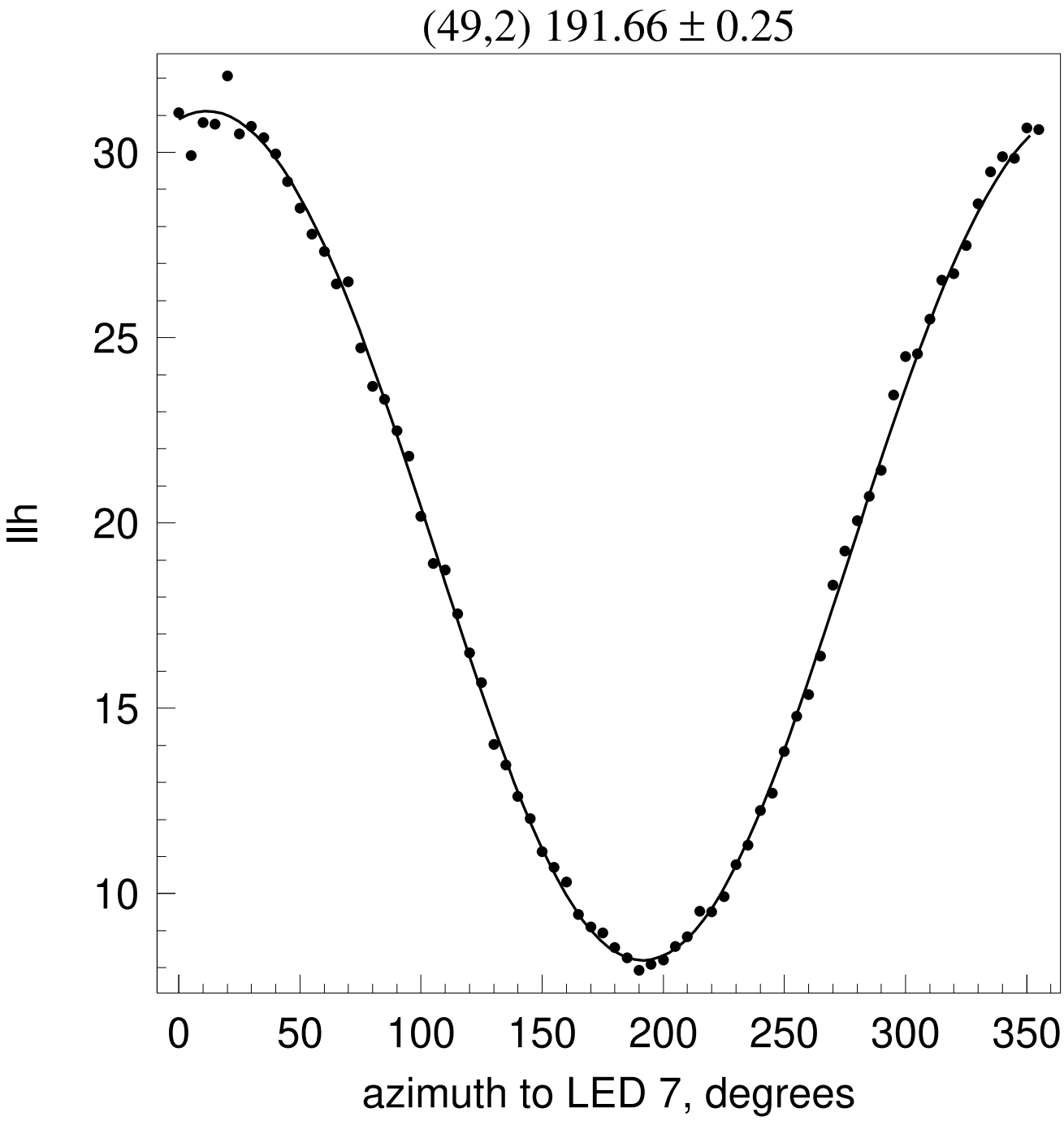

(48,57) 162.69 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

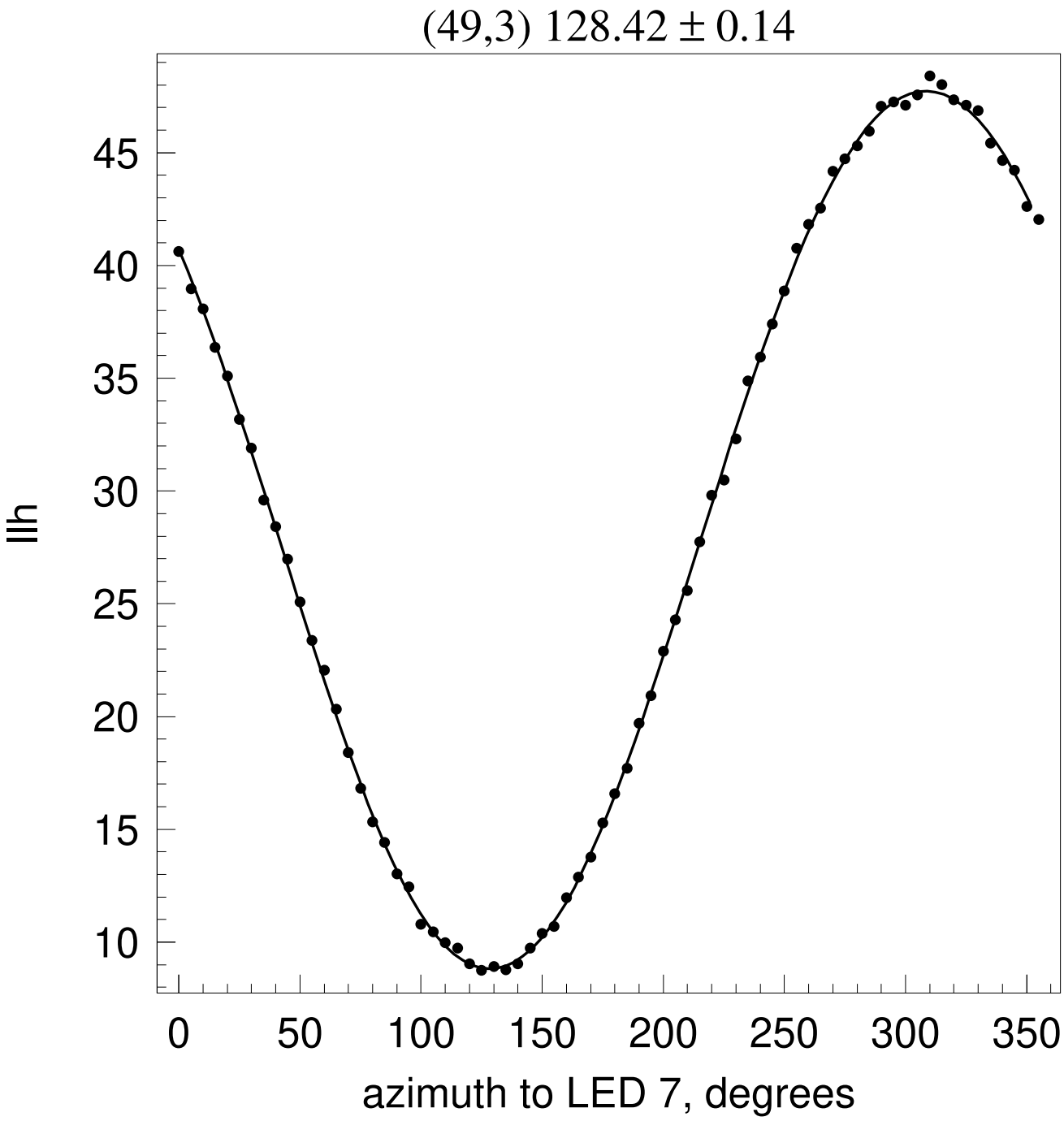

(48,58) 189.21 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

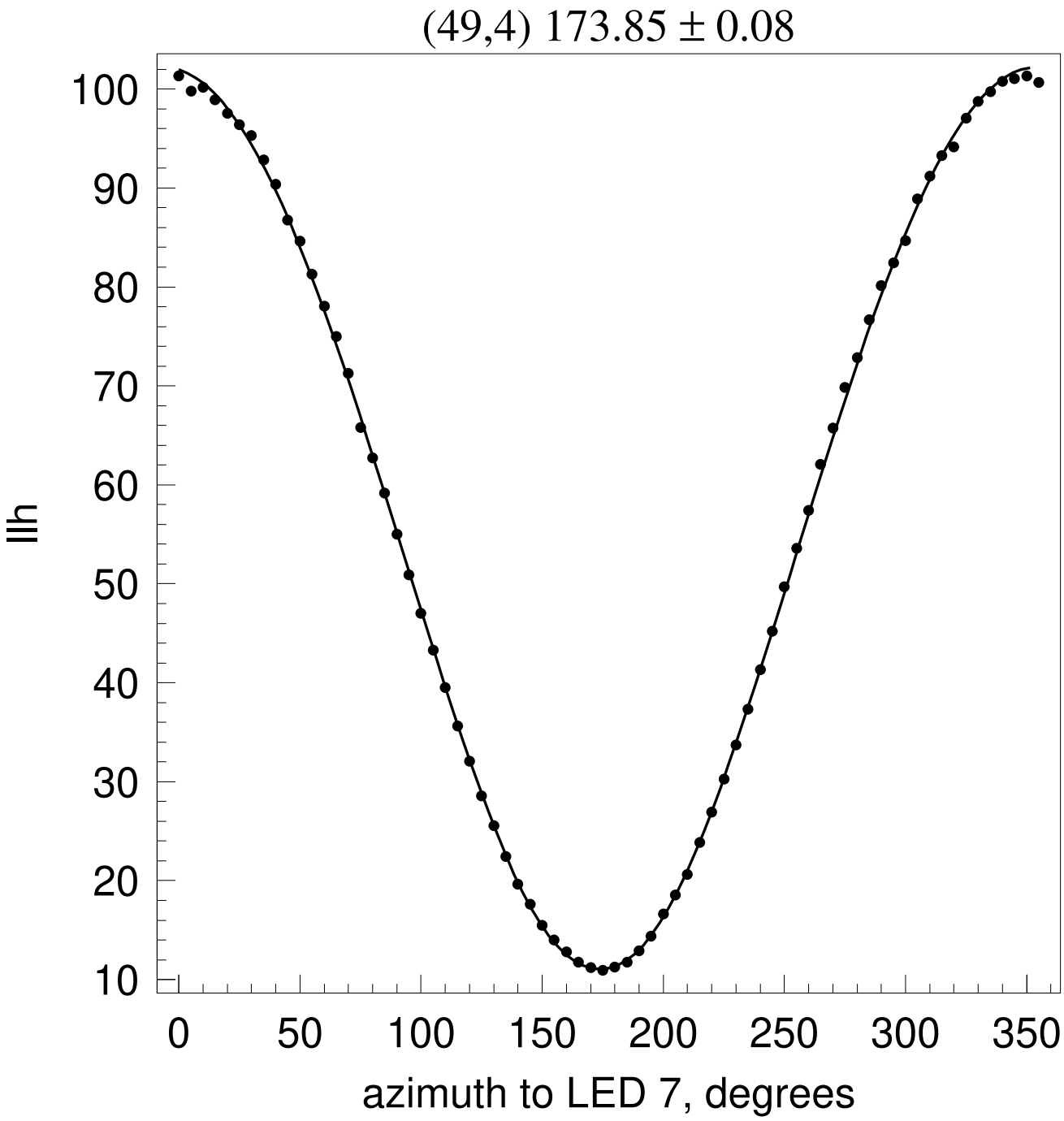

(48,59) 281.11 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

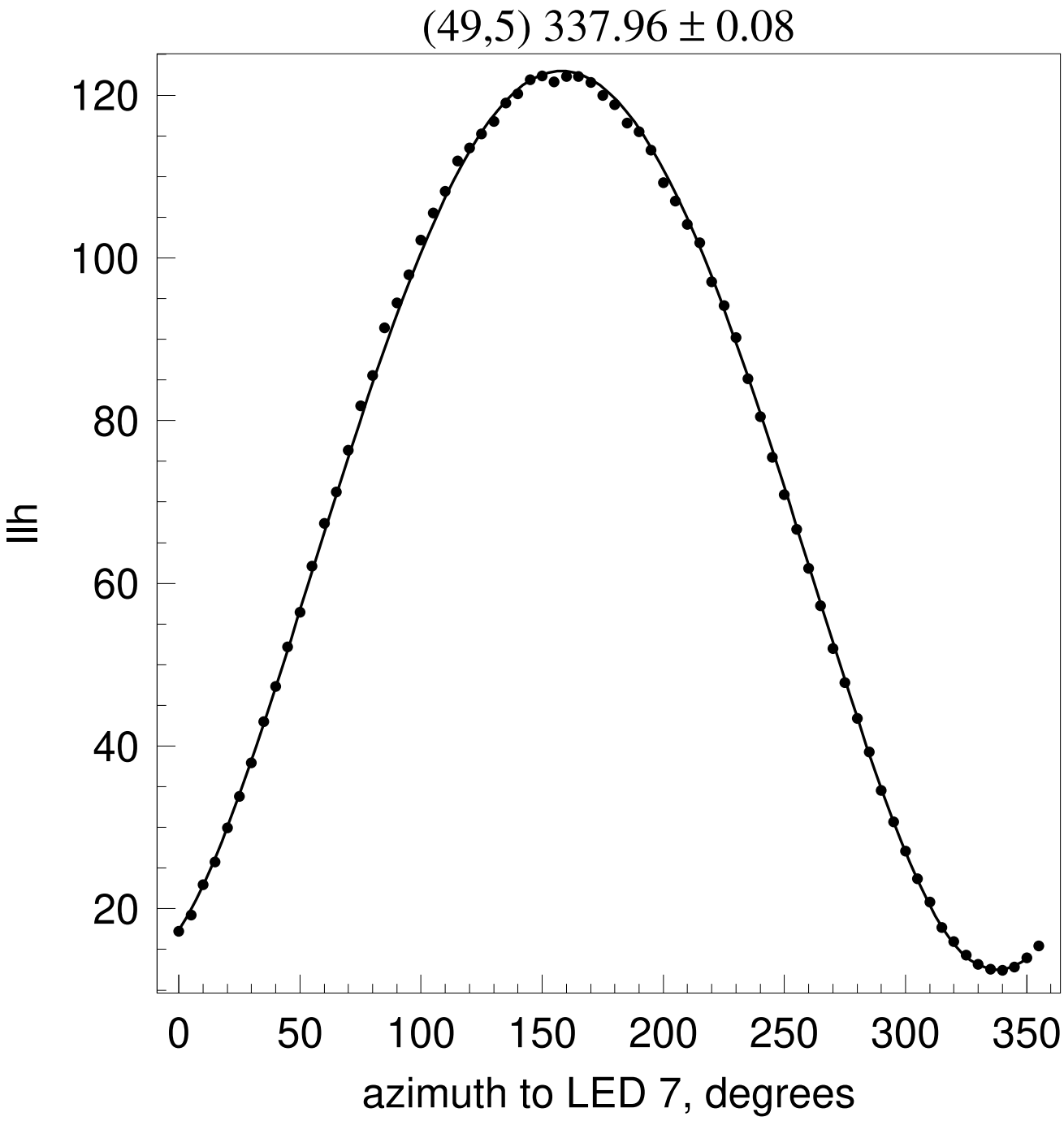

(48,60) 285.10 ± 0.15
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

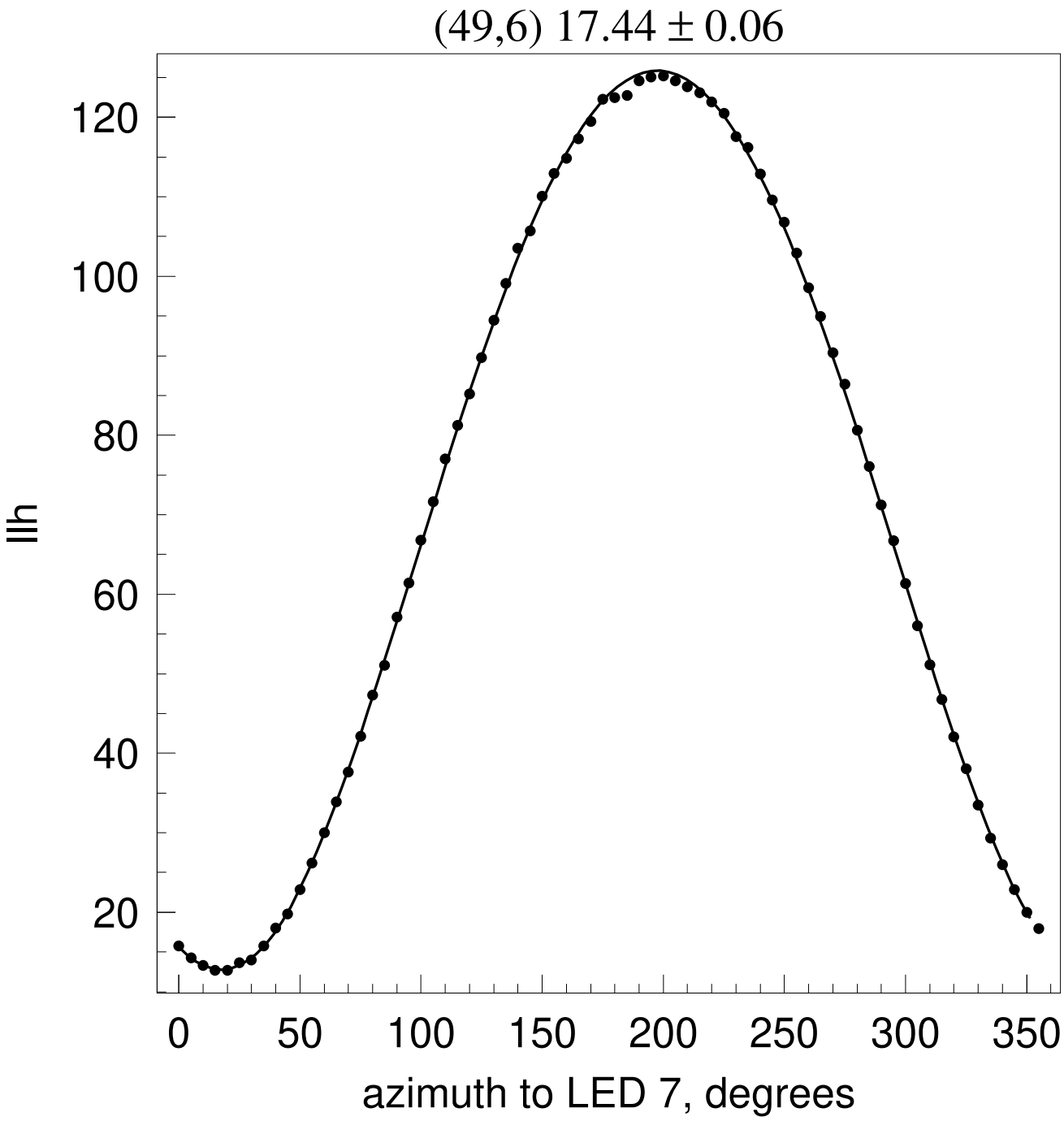

(49,1) 239.59 ± 0.21
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

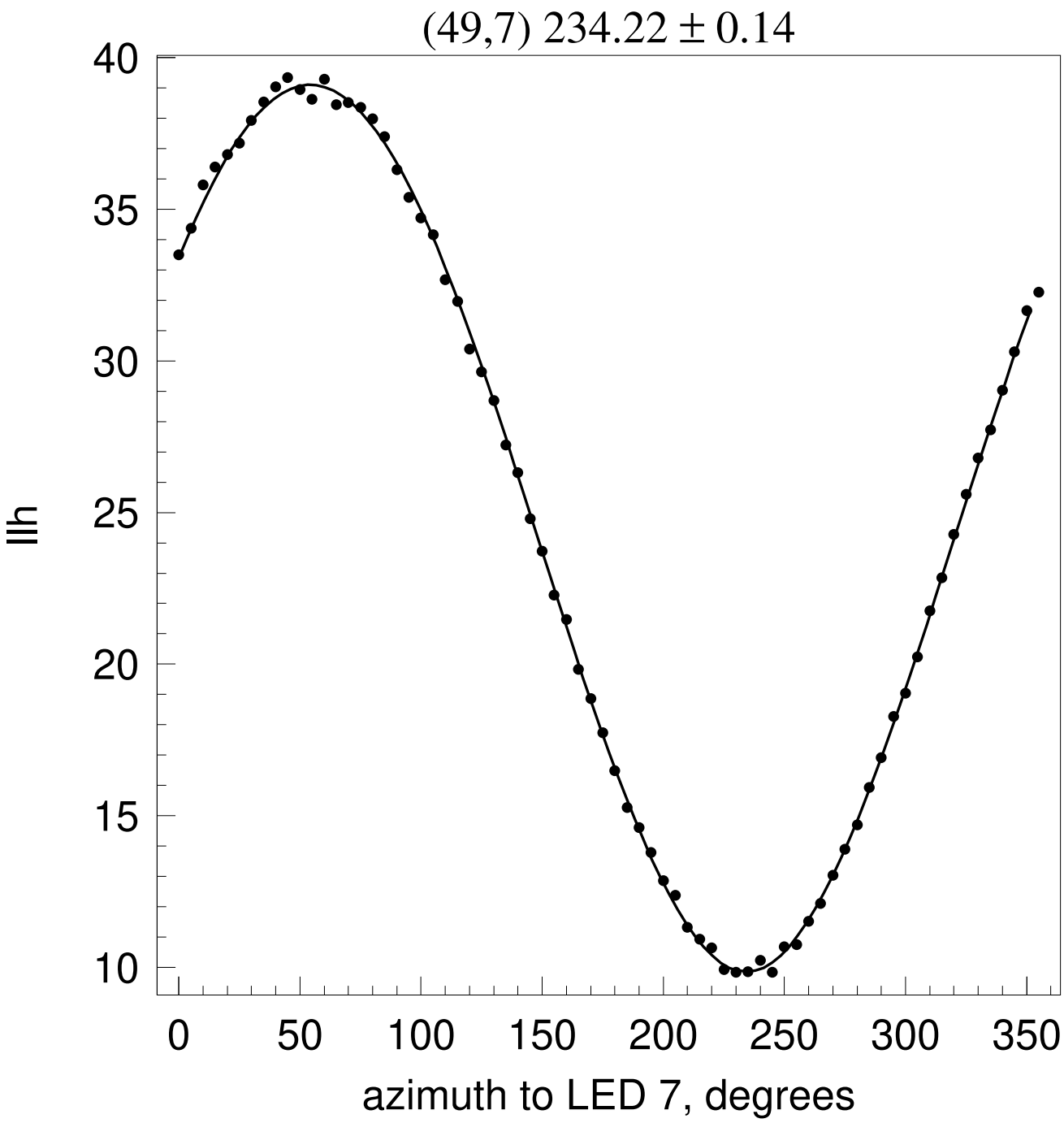

(49,2) 191.66 ± 0.25
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

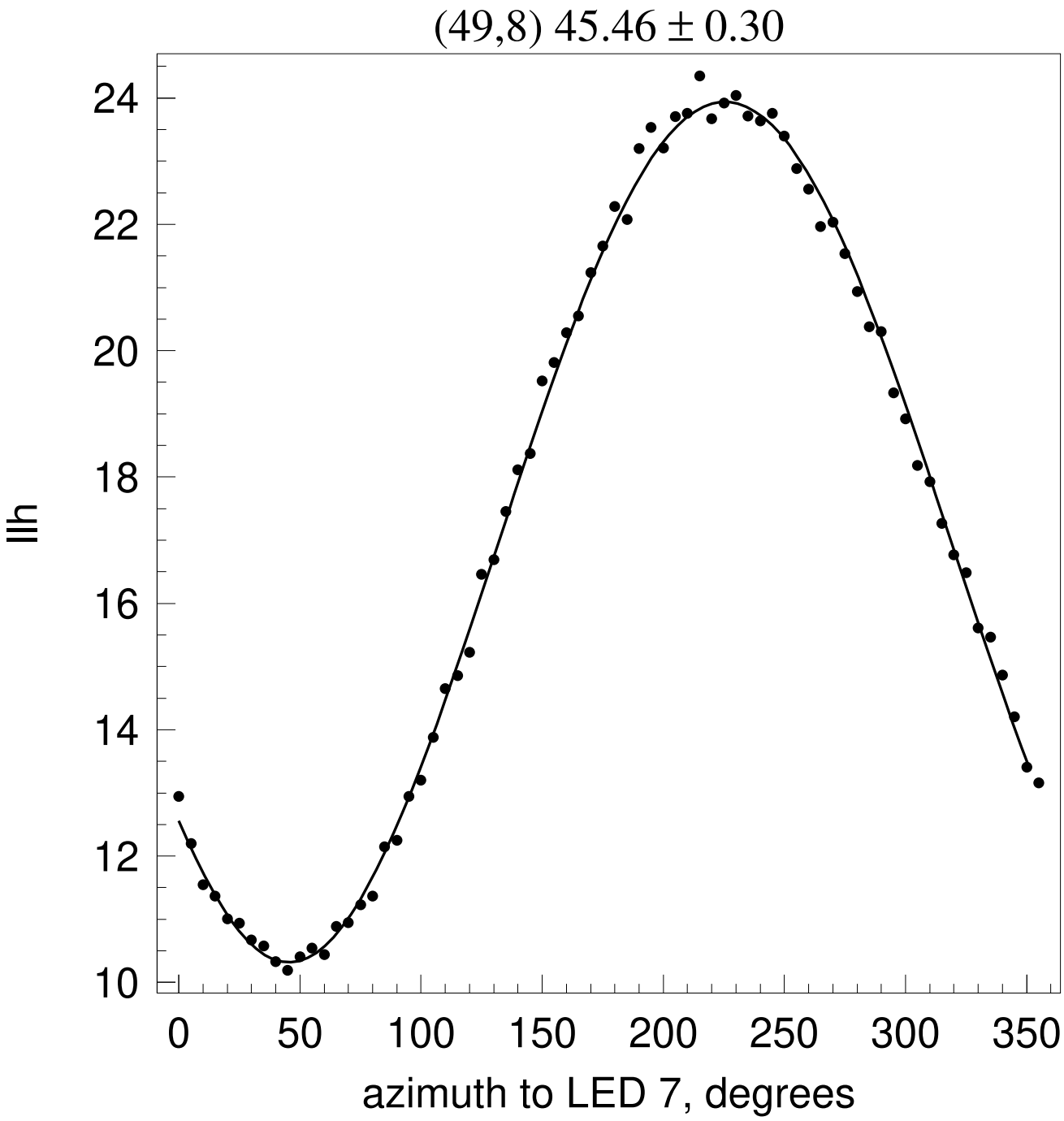

(49,3) 128.42 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

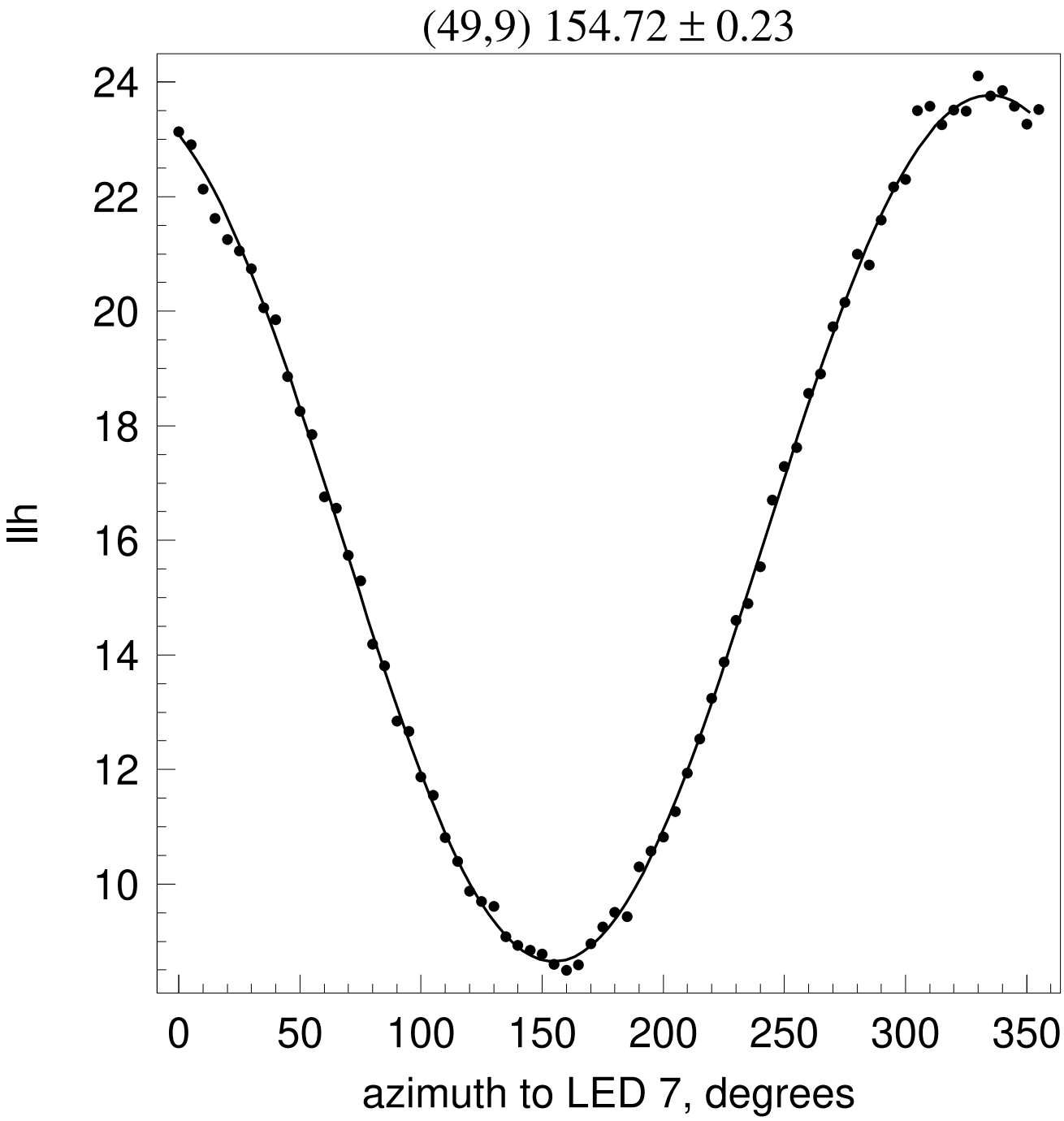

(49,4) 173.85 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

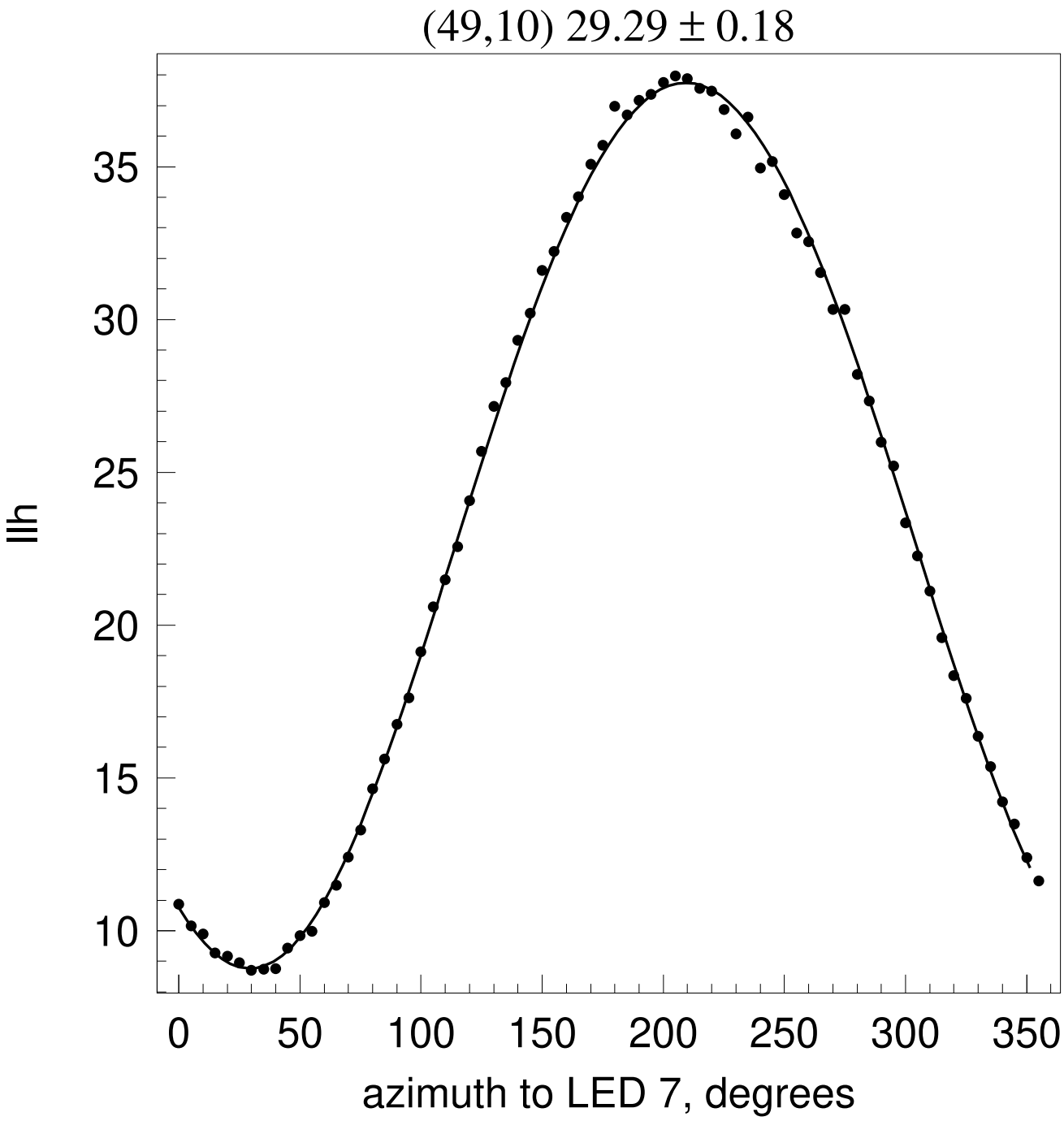

(49,5) 337.96 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

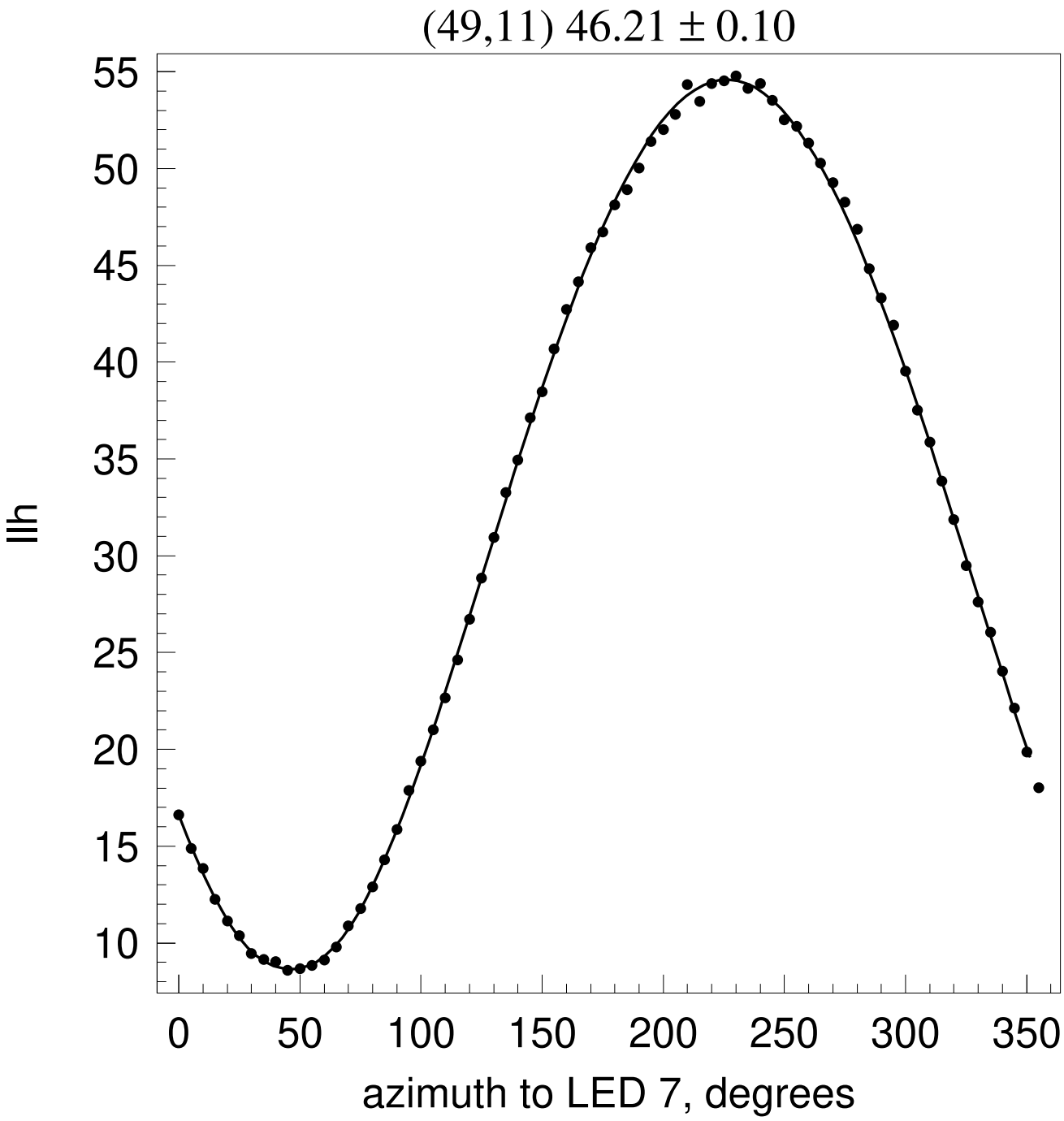

(49,6) 17.44 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

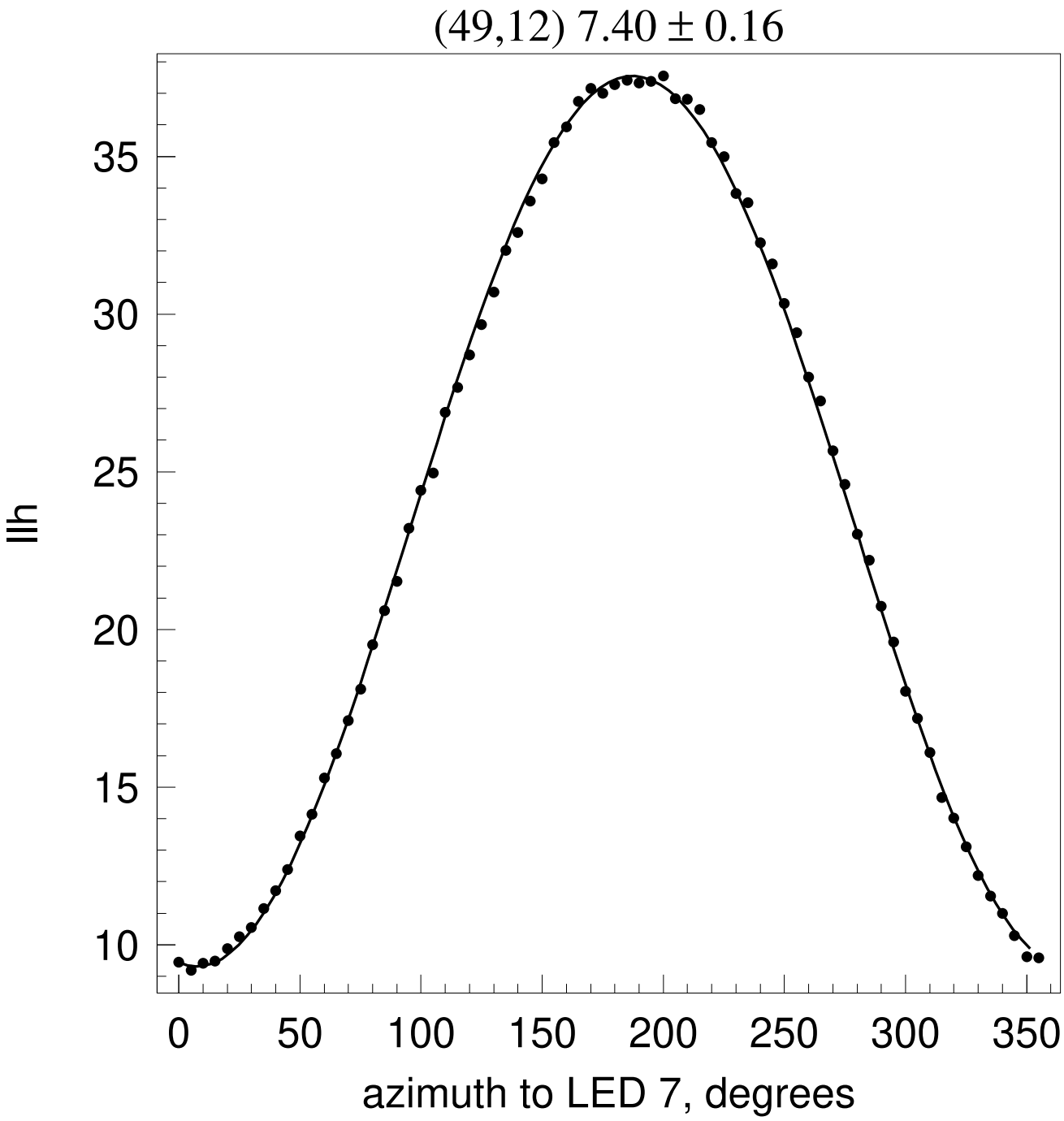

(49,7) 234.22 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

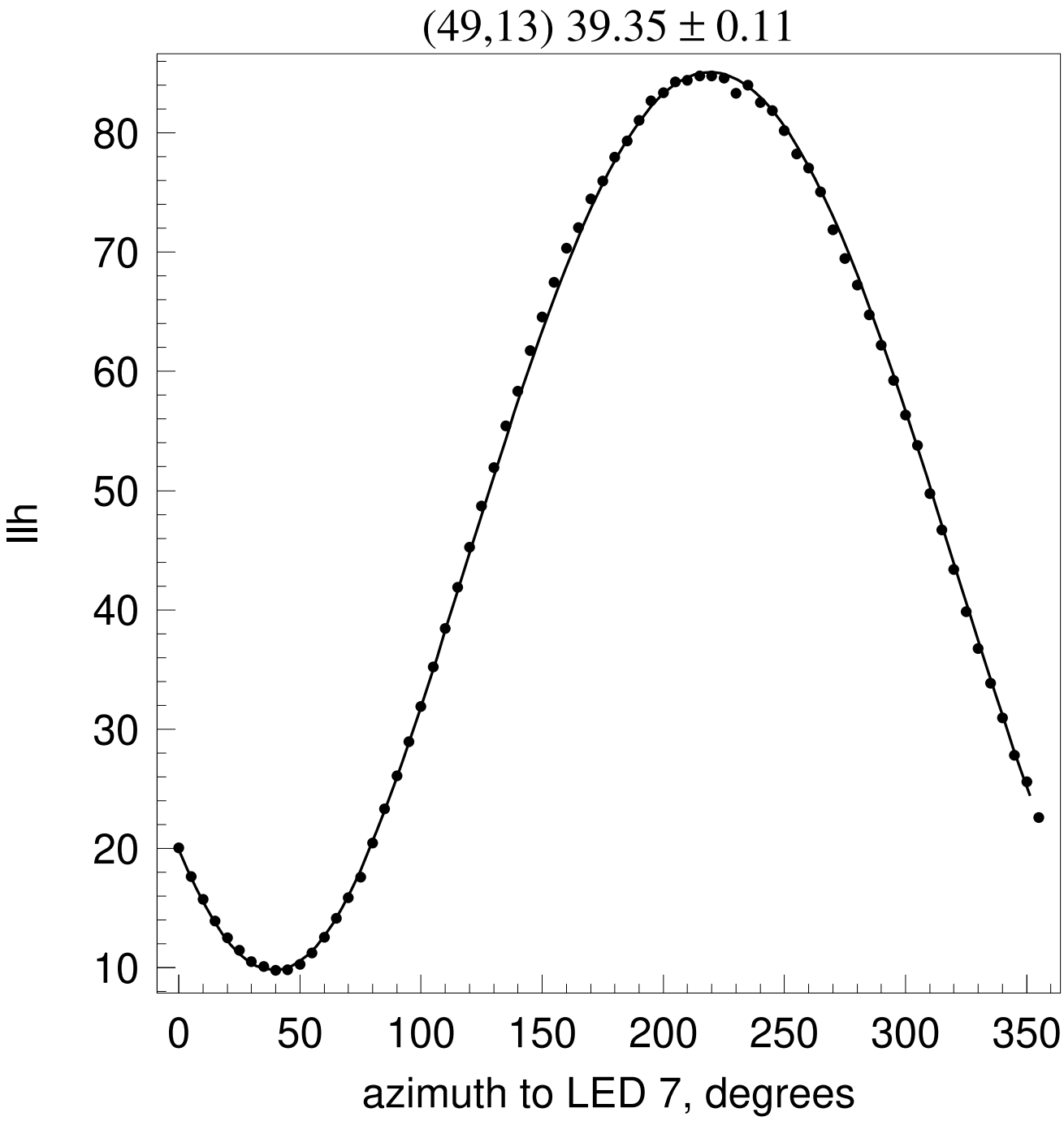

(49,8) 45.46 ± 0.30
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

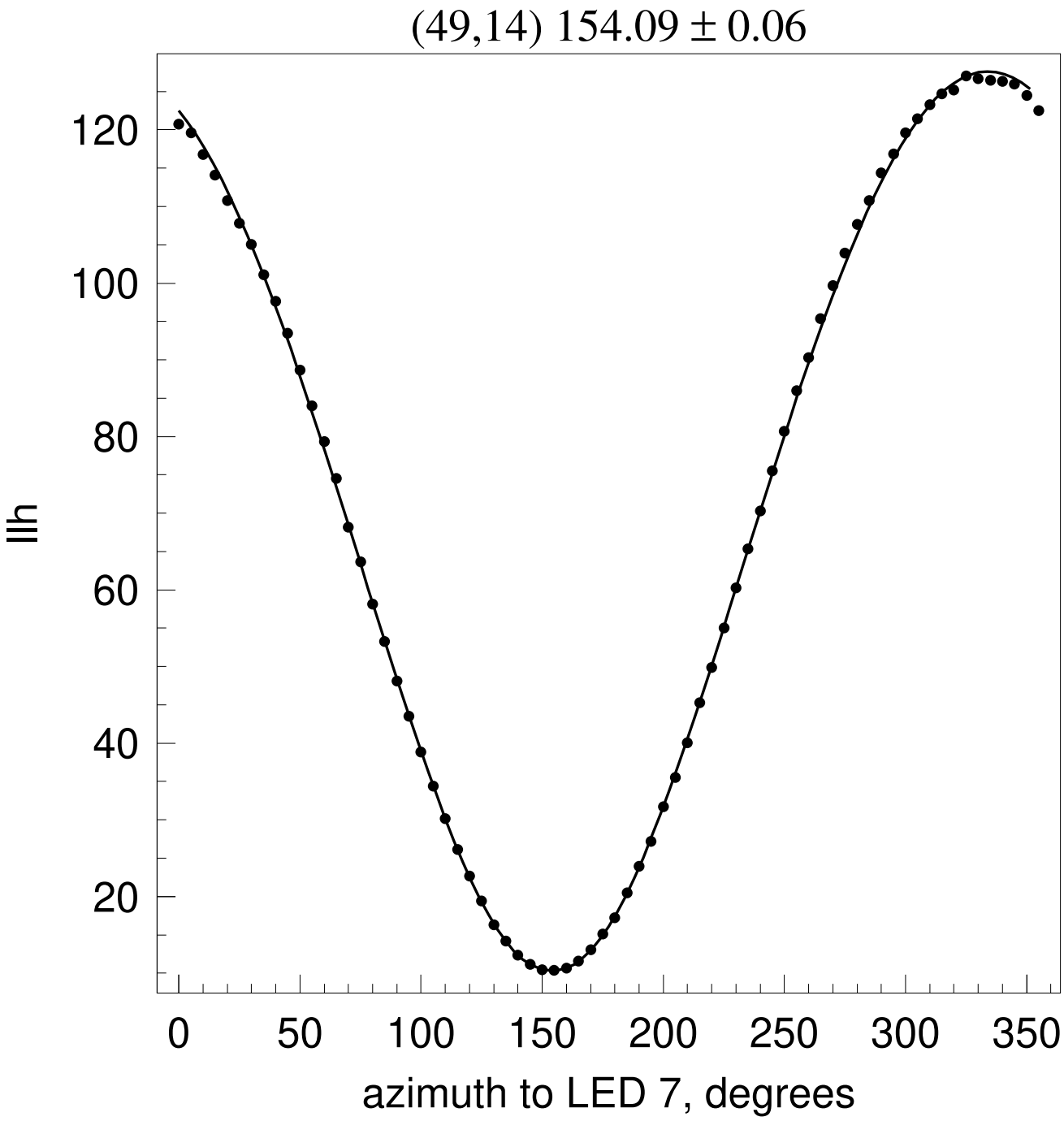

(49,9) 154.72 ± 0.23
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

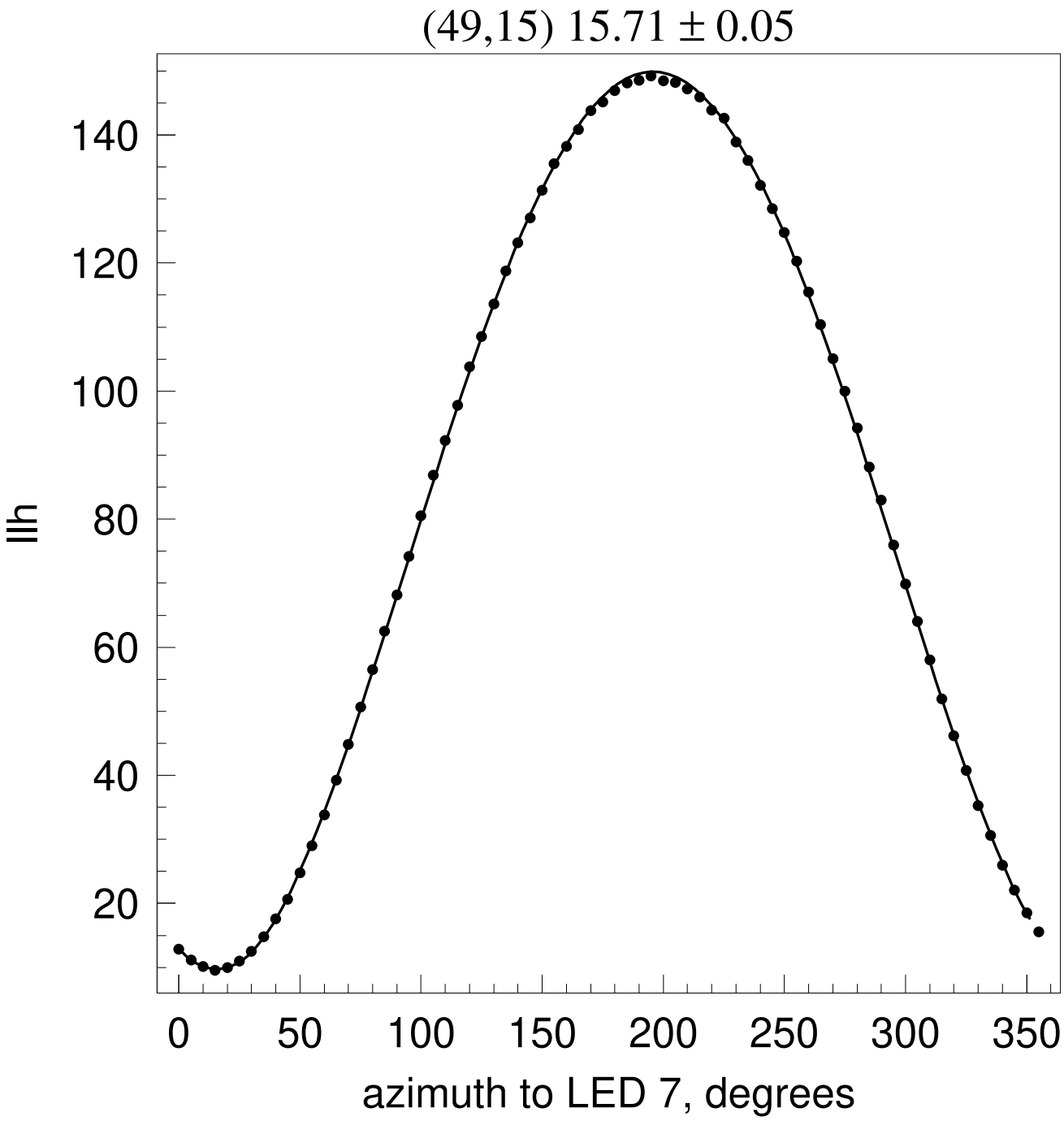

(49,10) 29.29 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

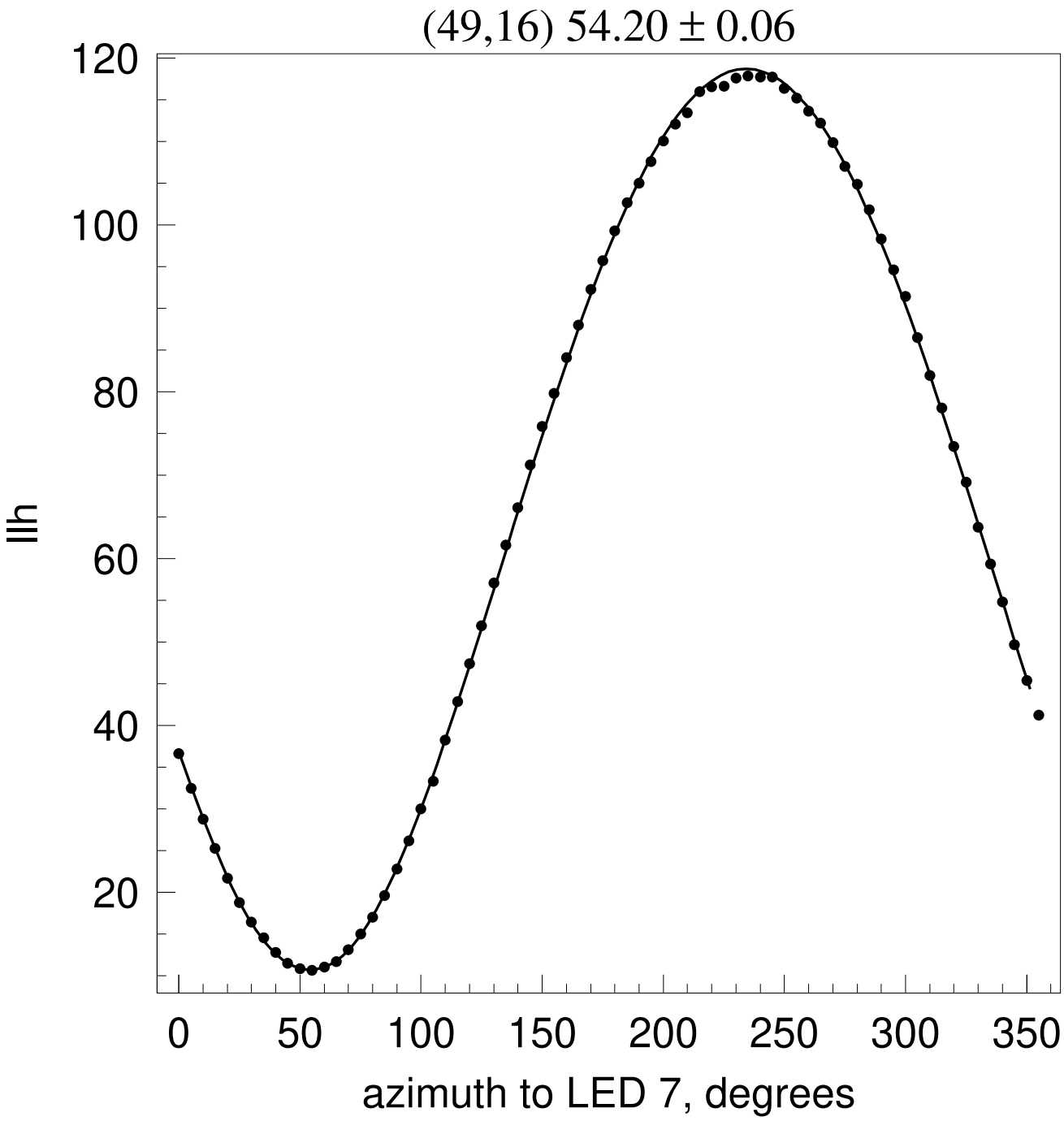

(49,11) 46.21 ± 0.10
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

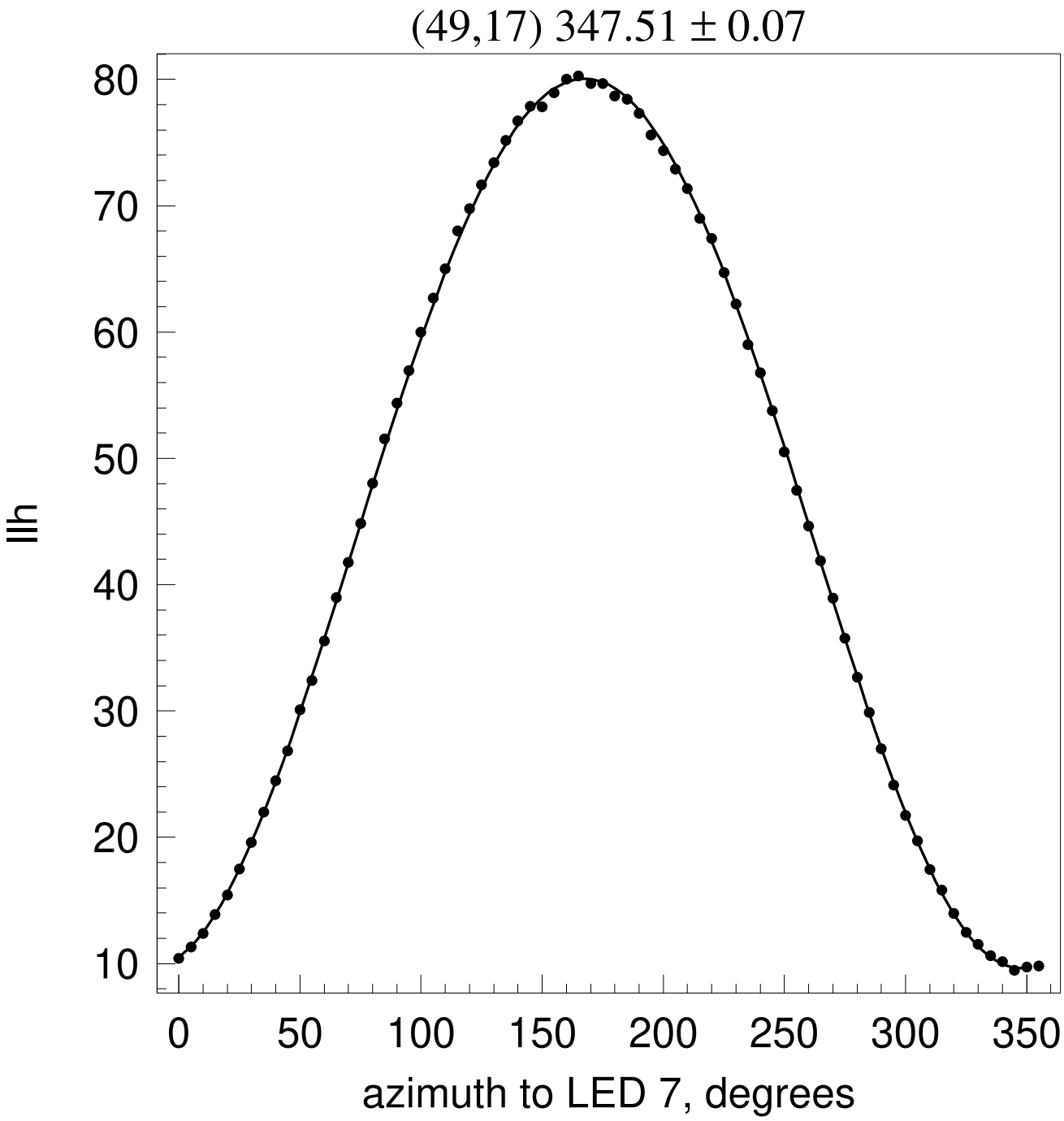

(49,12) 7.40 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

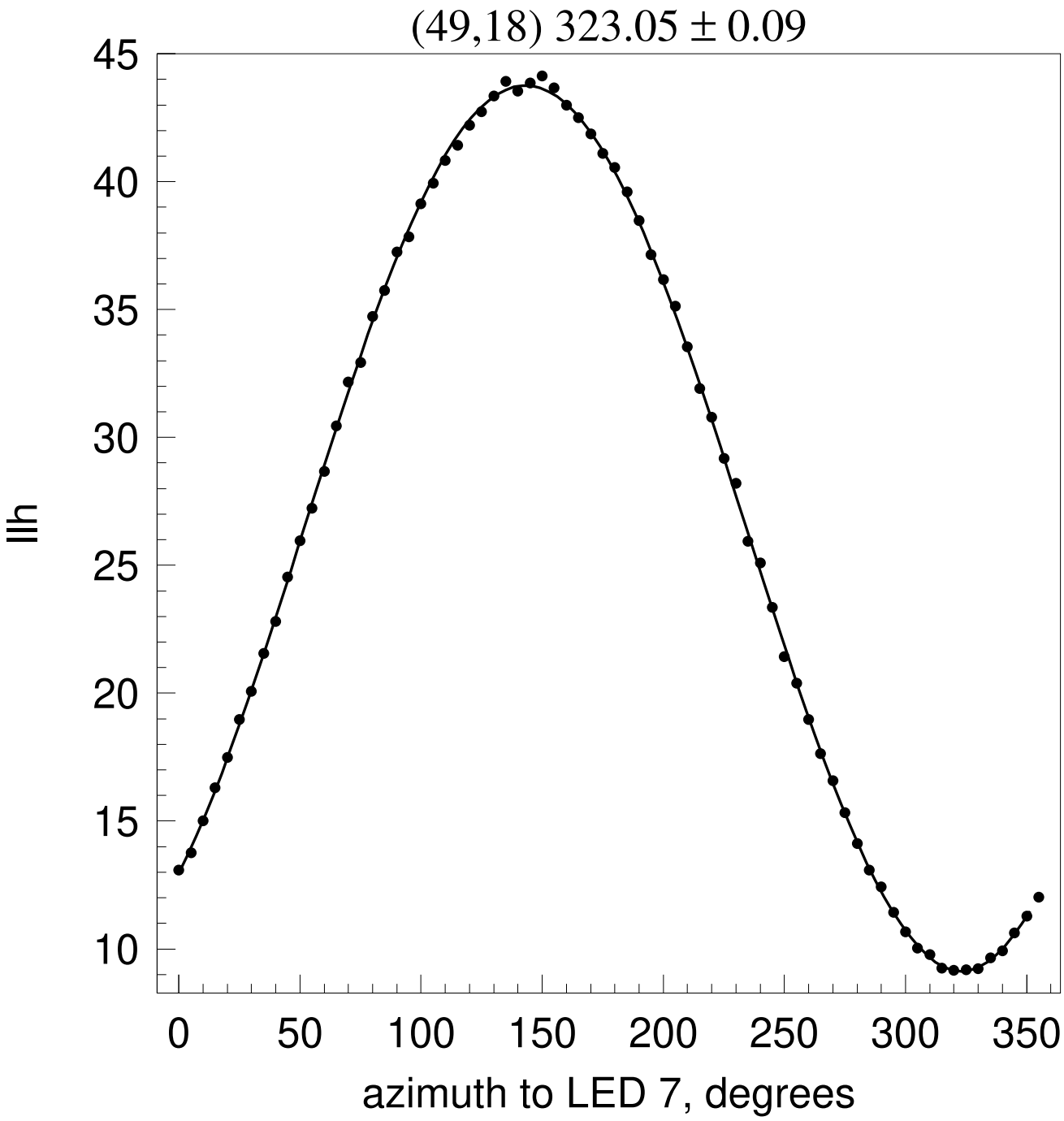

(49,13) 39.35 ± 0.11
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

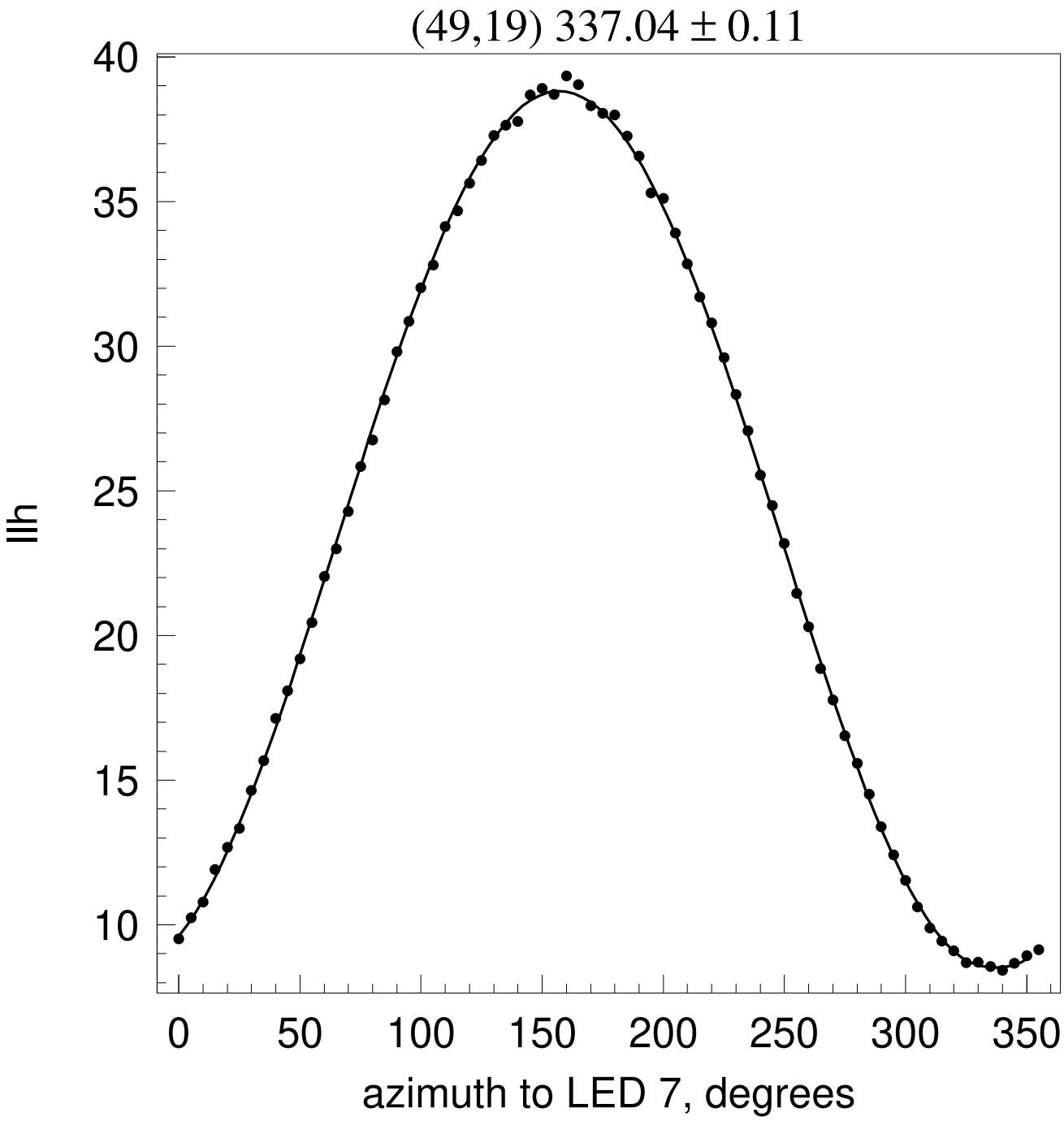

(49,14) 154.09 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

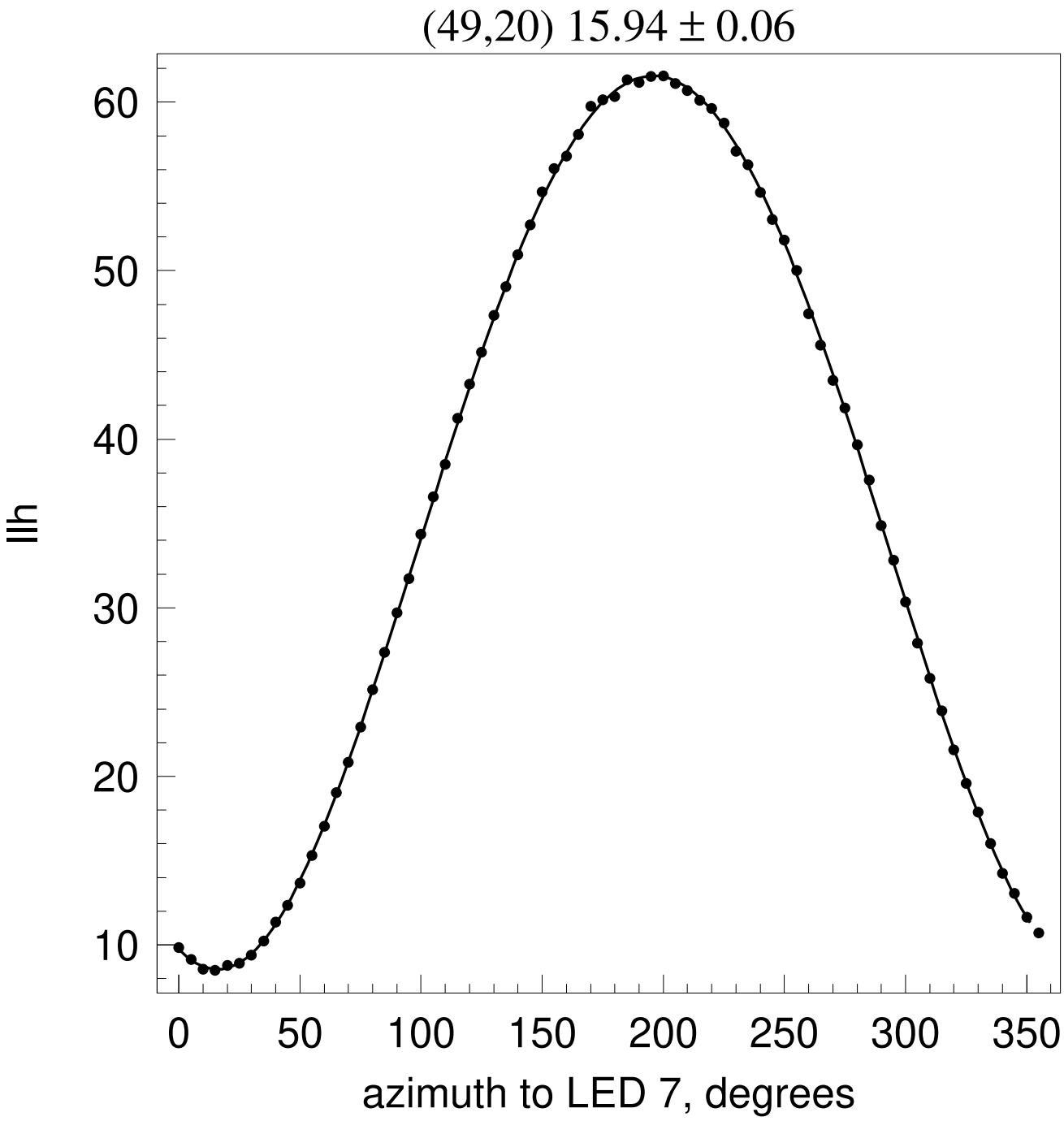

(49,15) 15.71 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

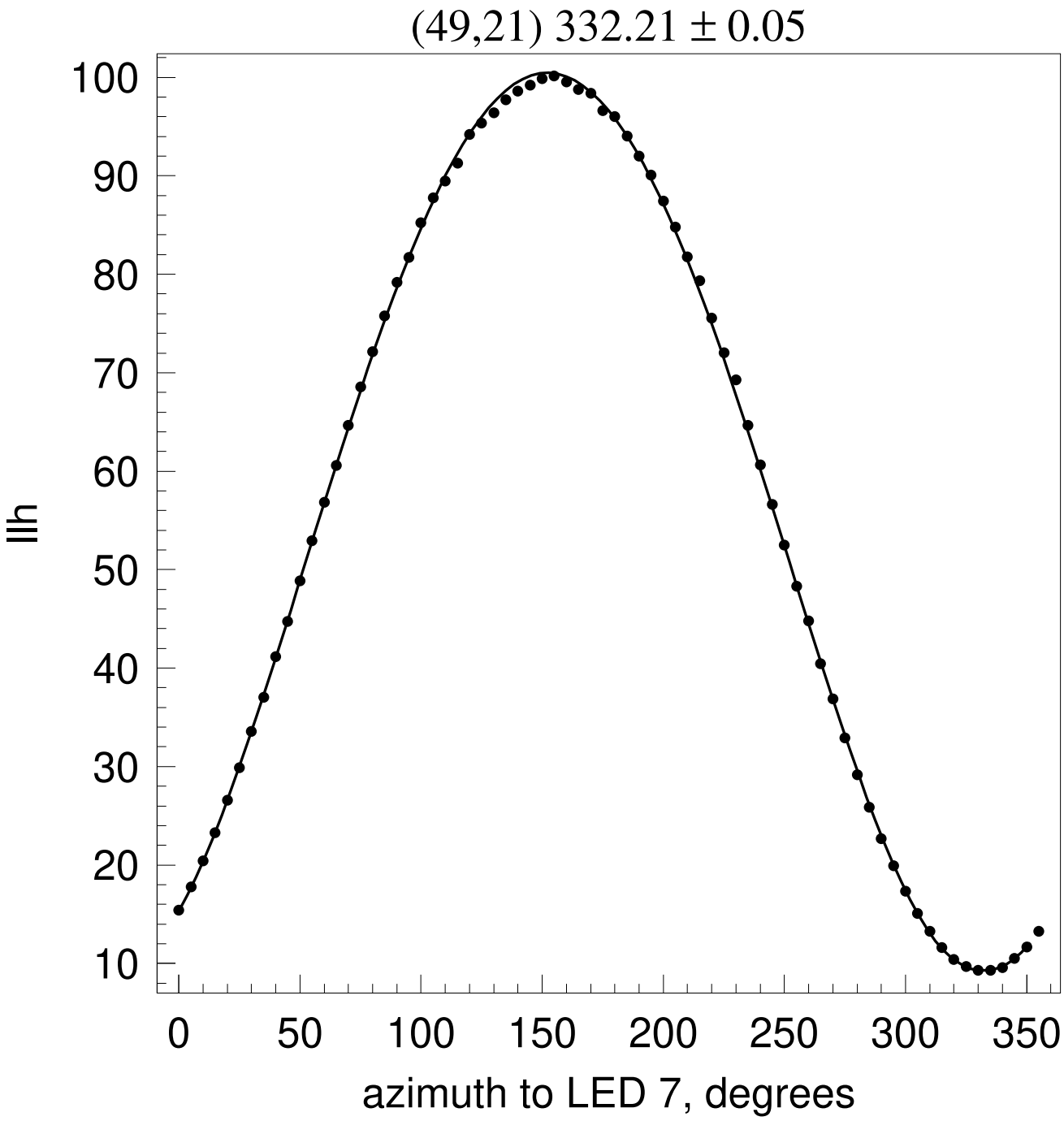

(49,16) 54.20 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

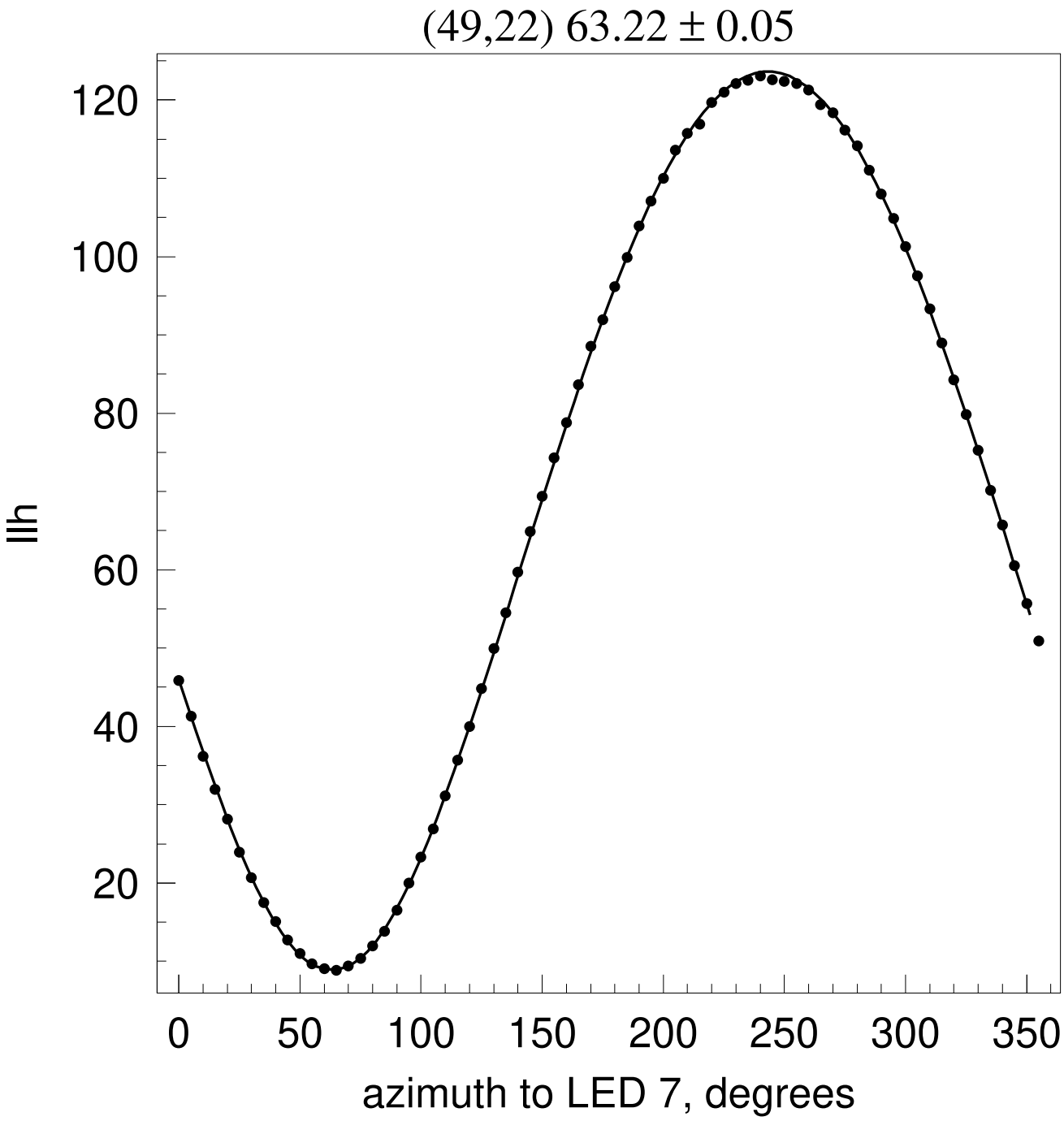

(49,17) 347.51 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

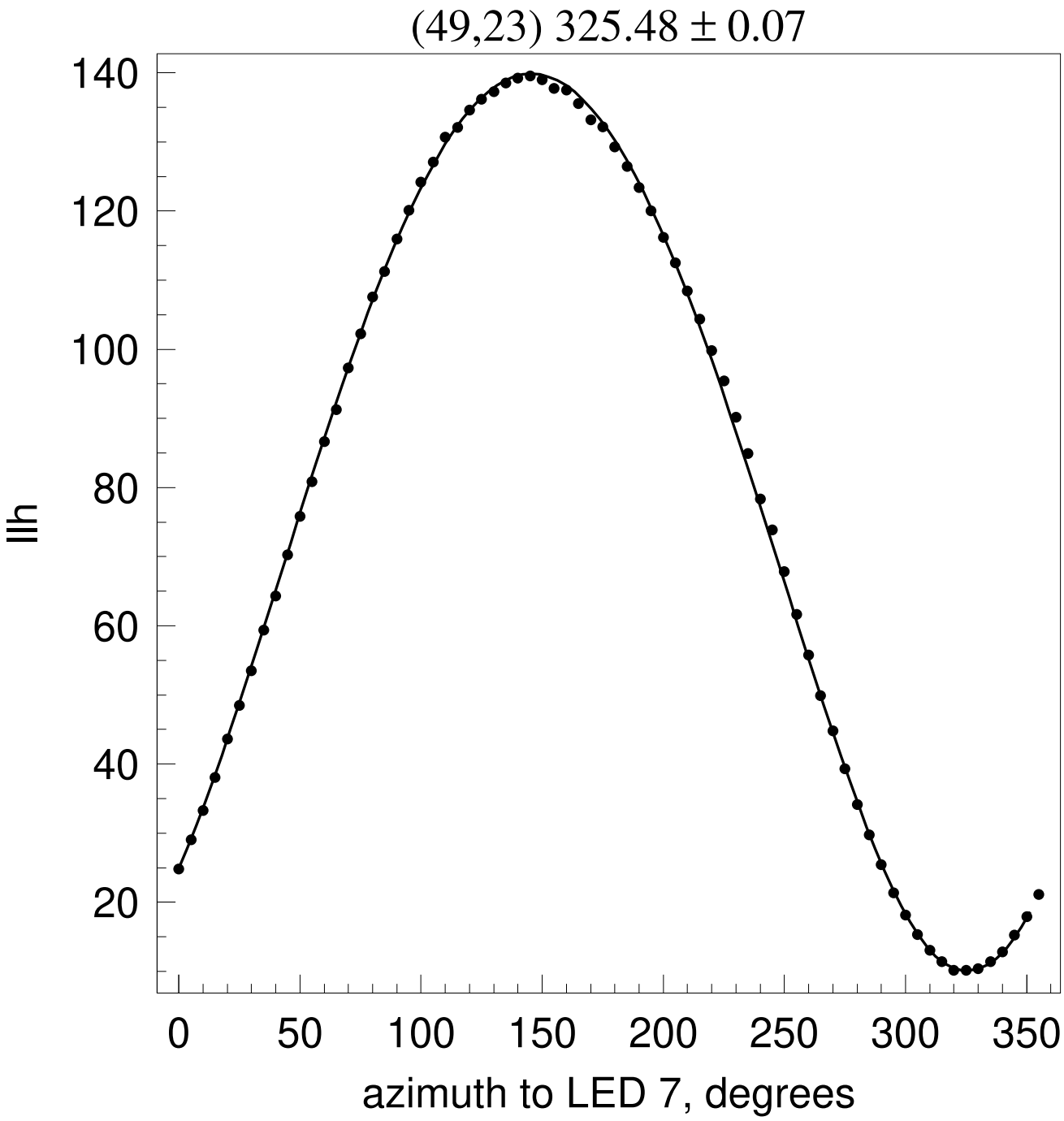

(49,18) 323.05 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

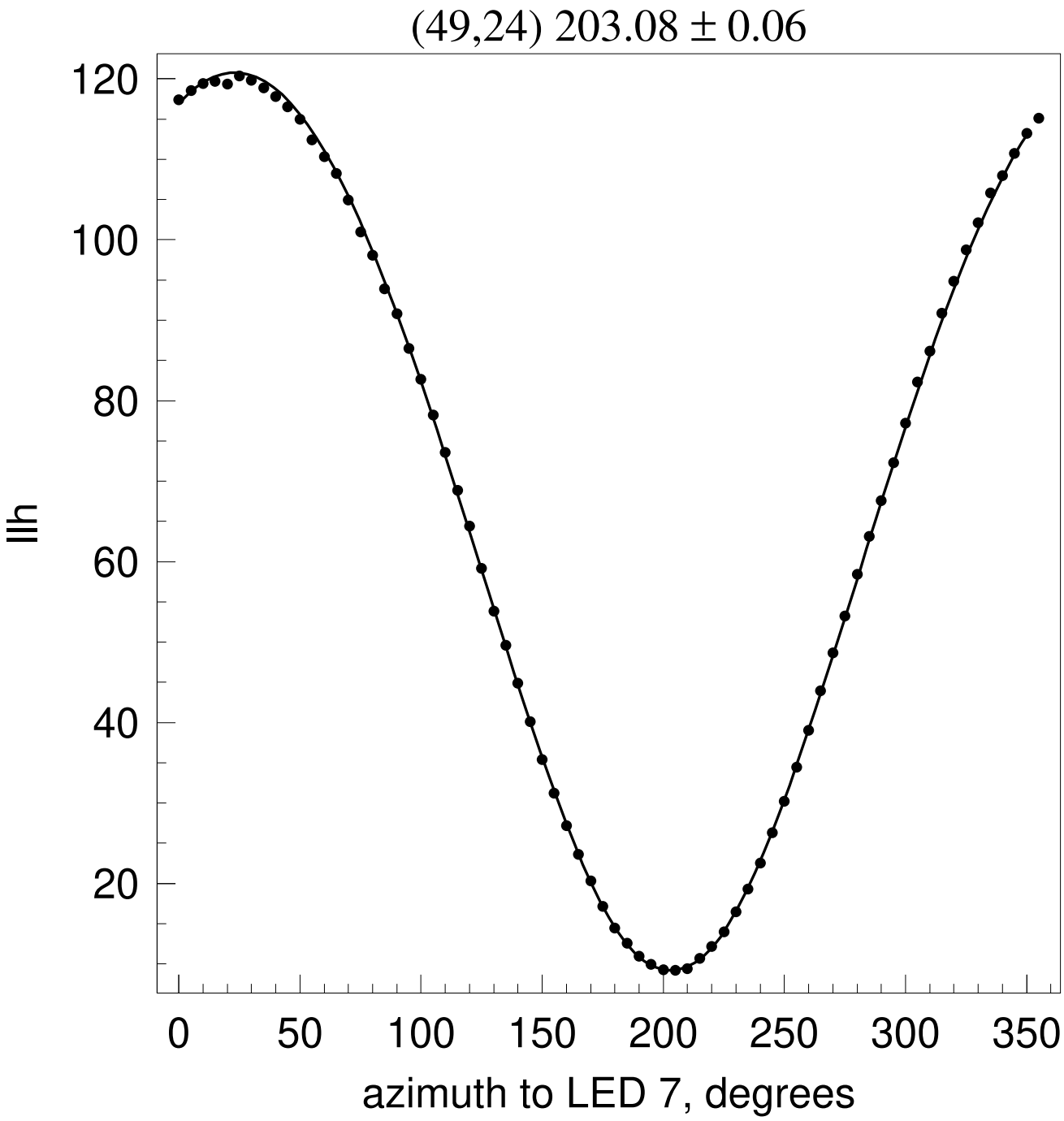

(49,19) 337.04 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

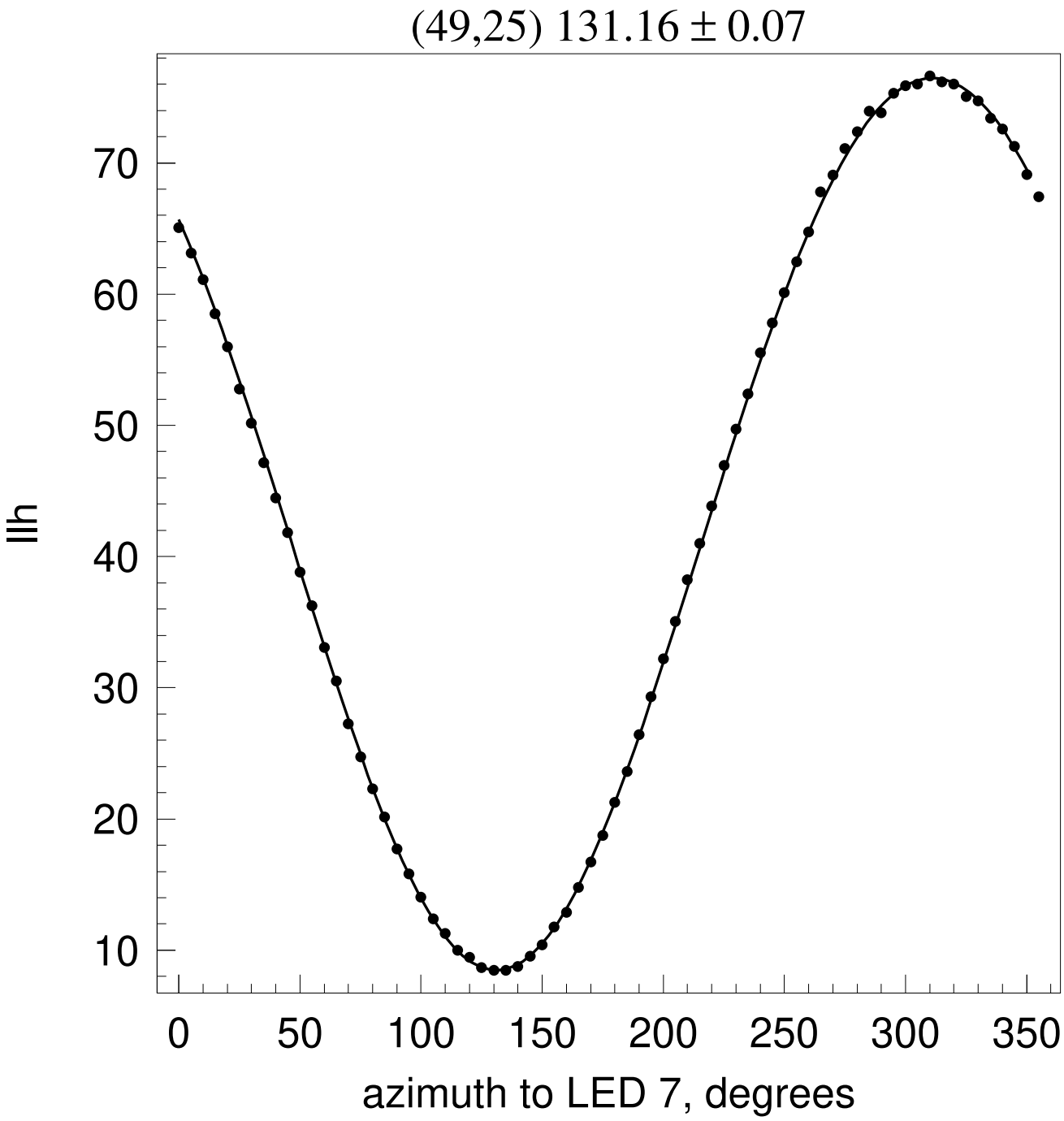

(49,20) 15.94 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

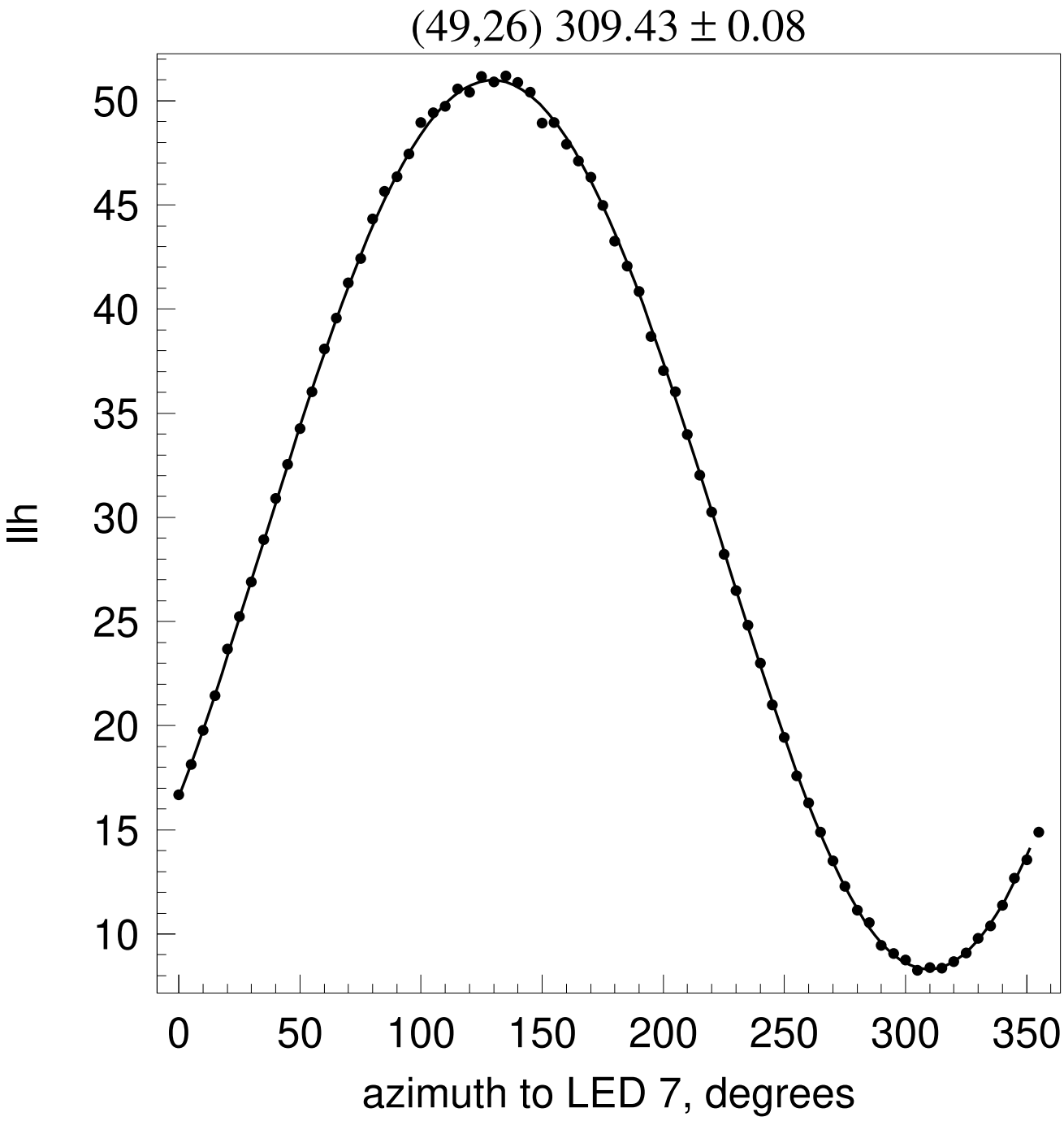

(49,21) 332.21 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

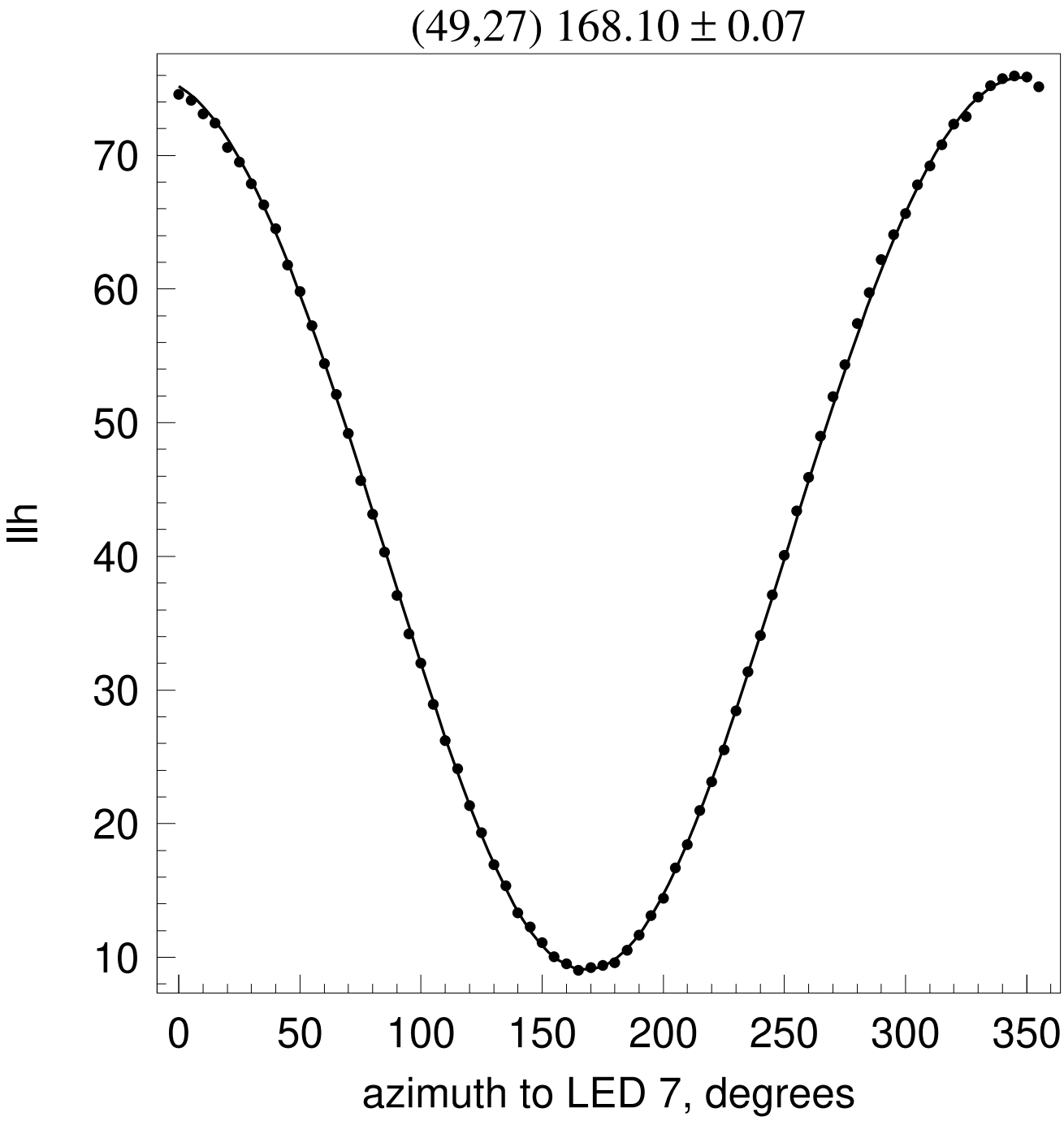

(49,22) 63.22 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

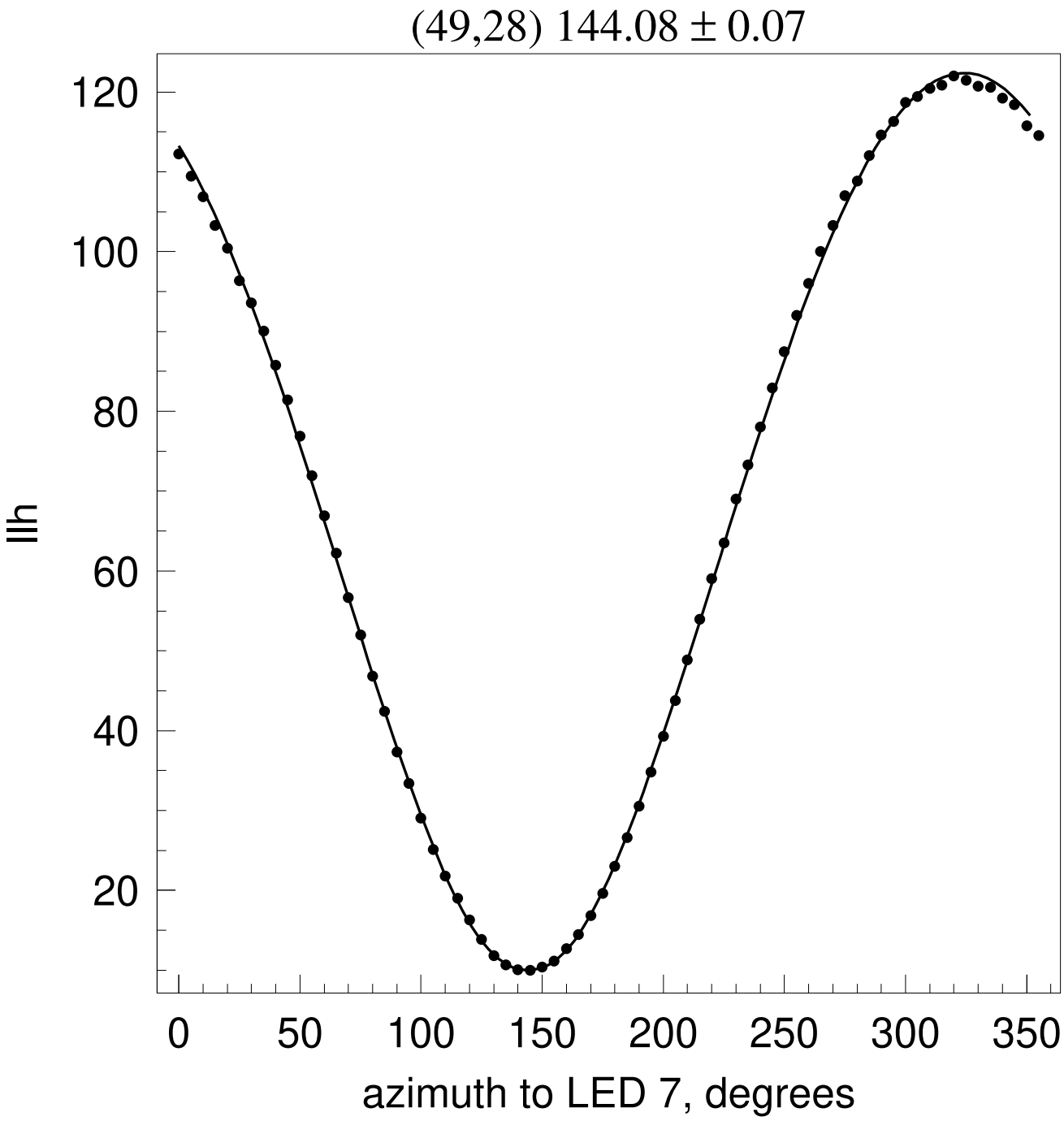

(49,23) 325.48 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

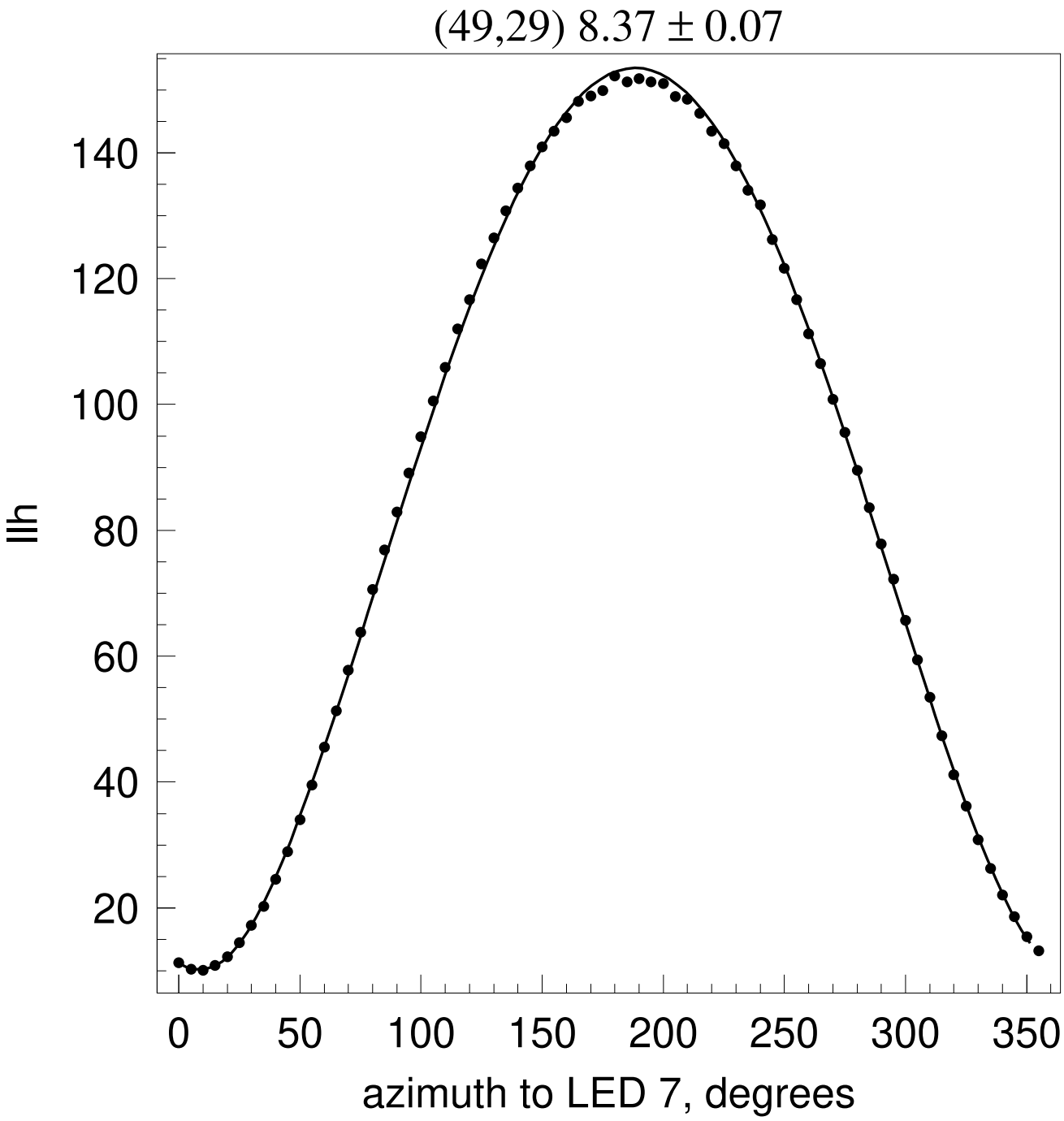

(49,24) 203.08 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

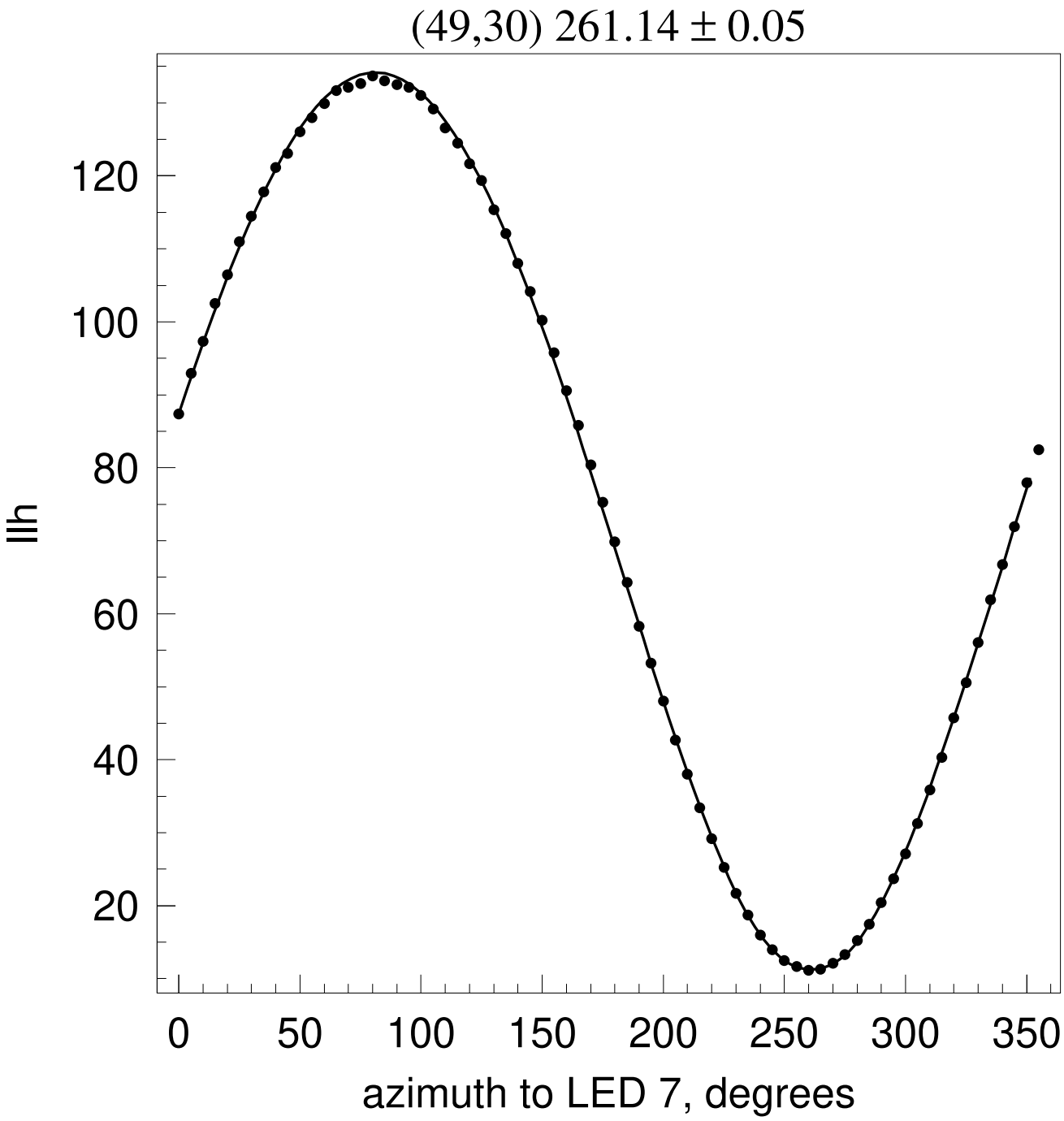

(49,25) 131.16 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

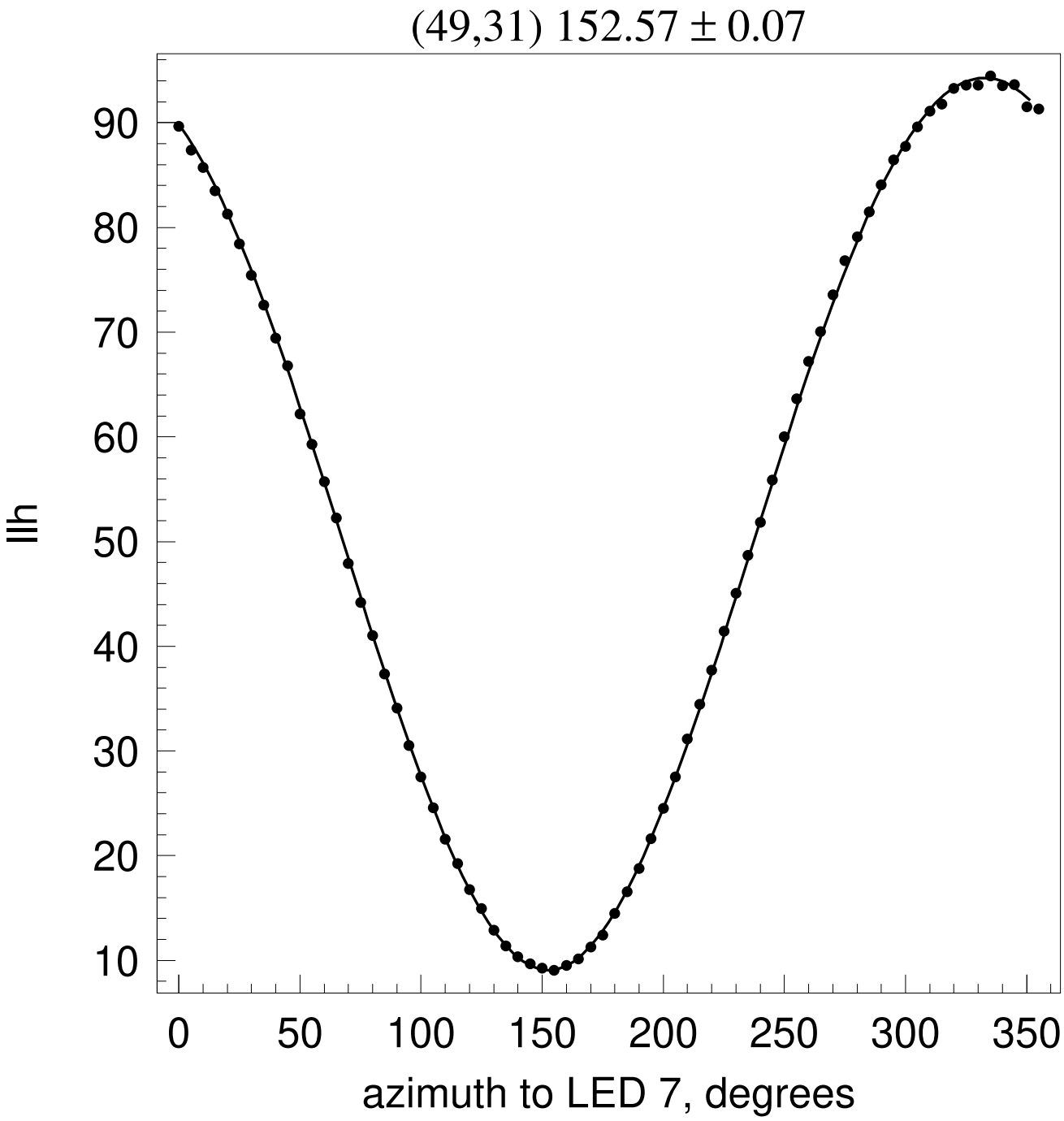

(49,26) 309.43 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

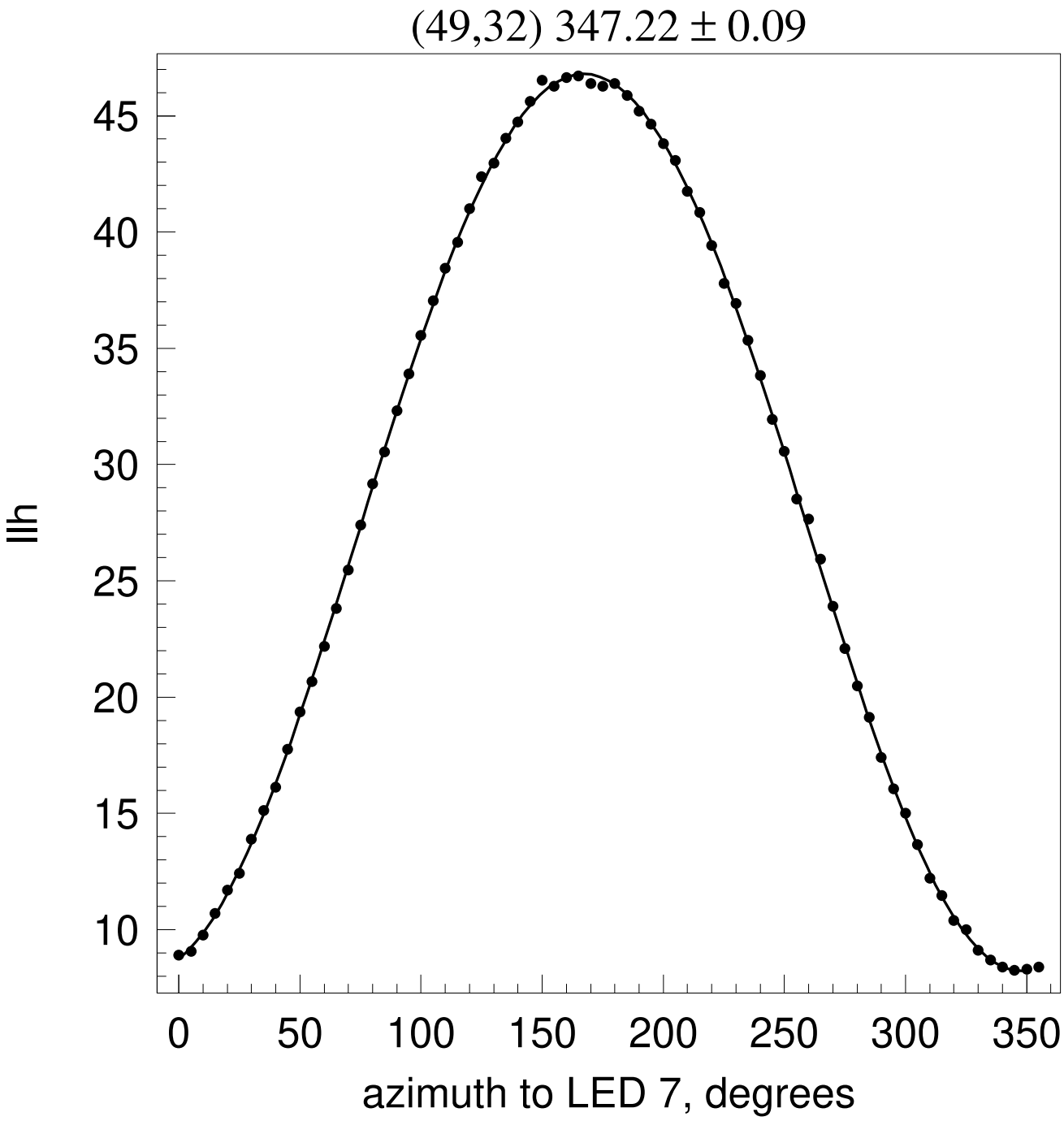

(49,27) 168.10 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

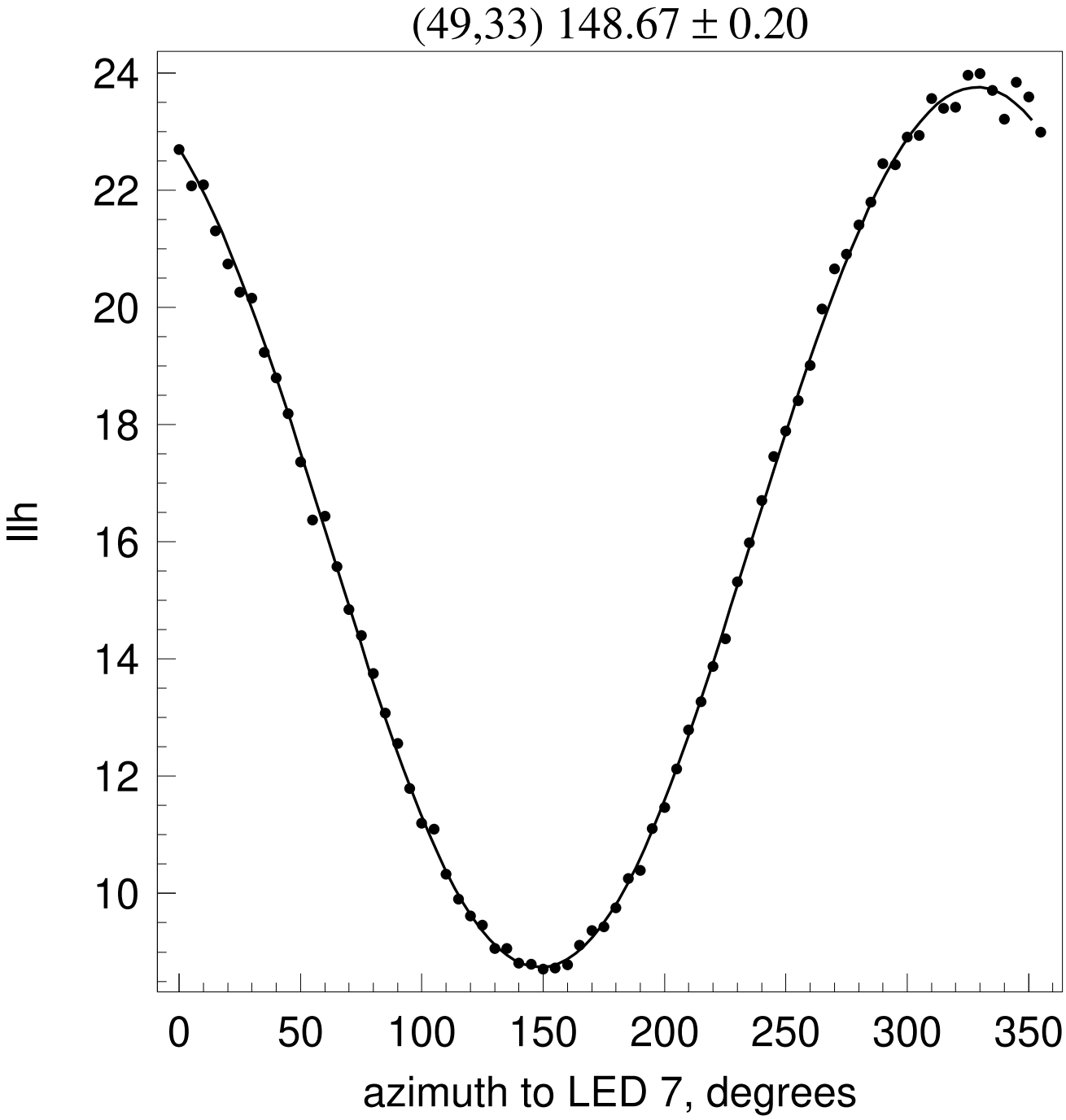

(49,28) 144.08 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

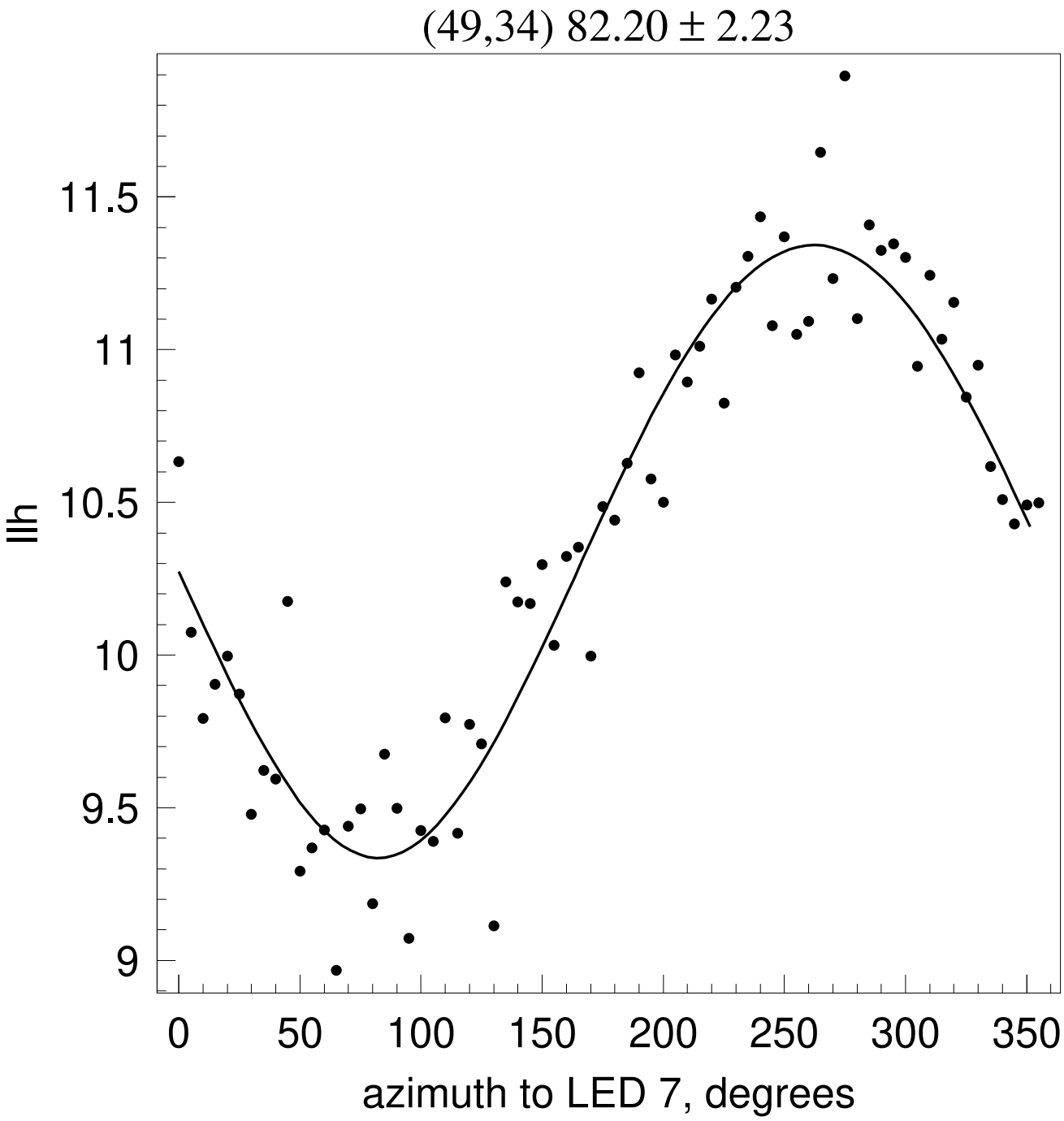

(49,29) 8.37 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

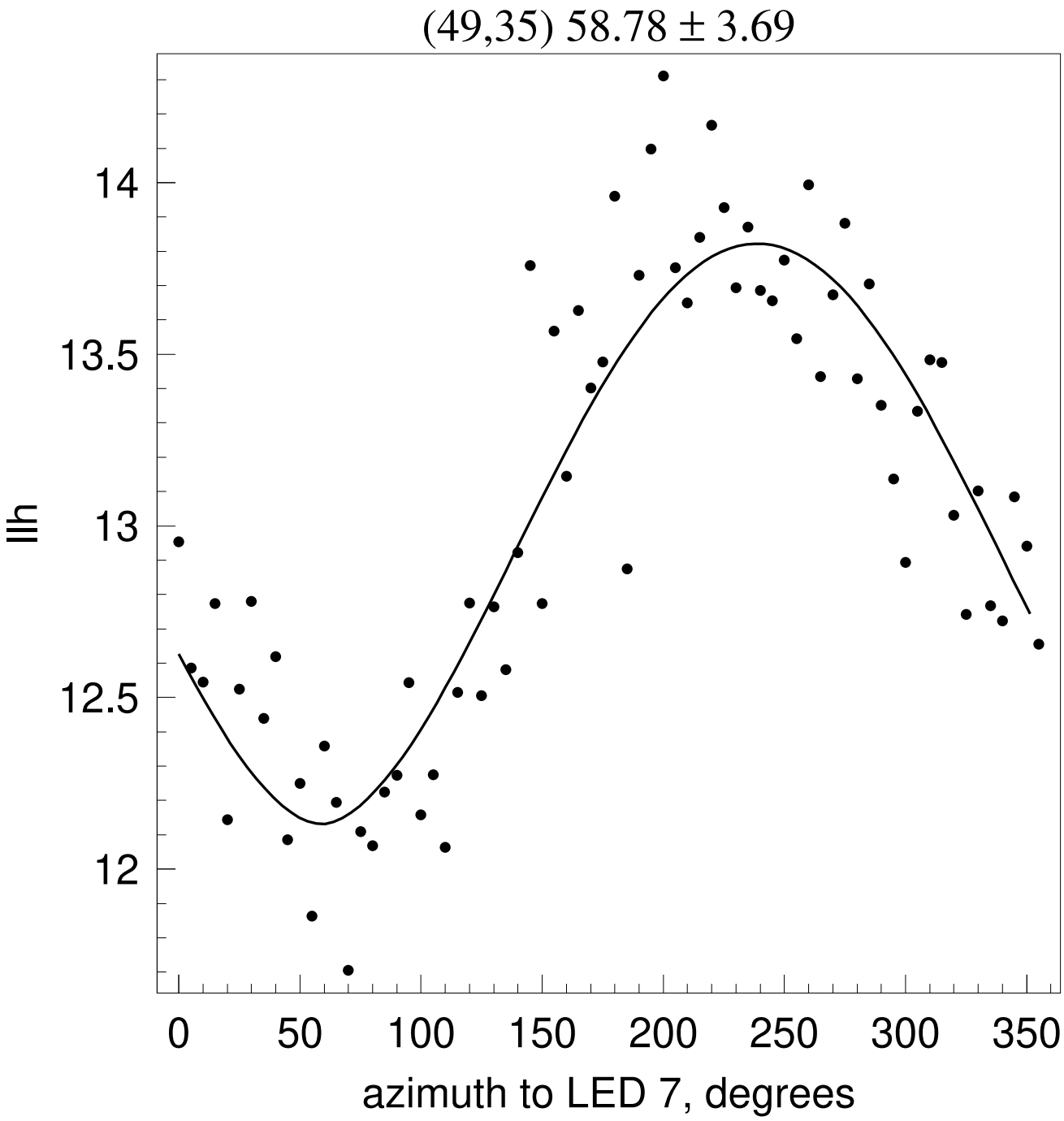

(49,30) 261.14 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

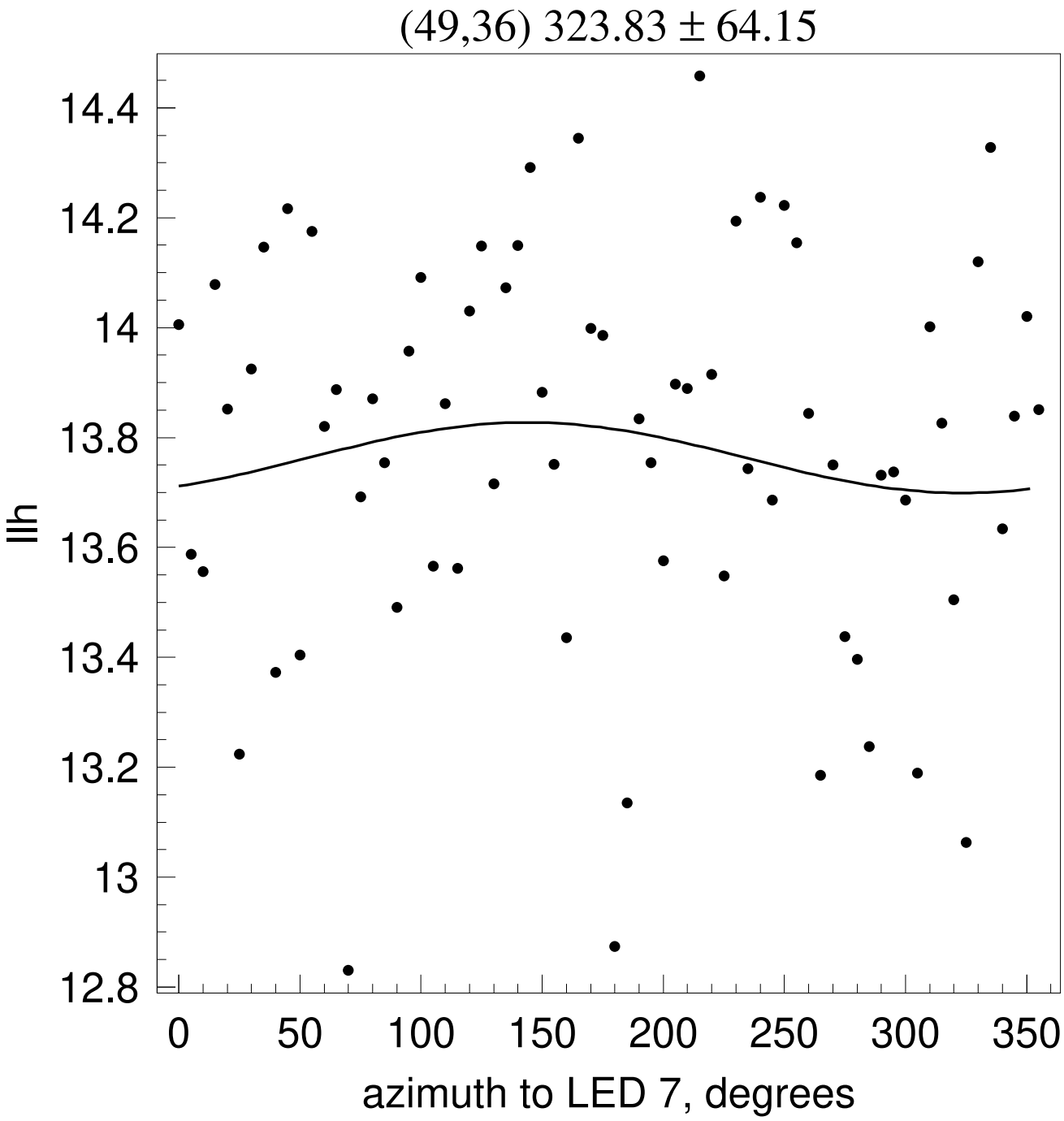

(49,31) 152.57 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

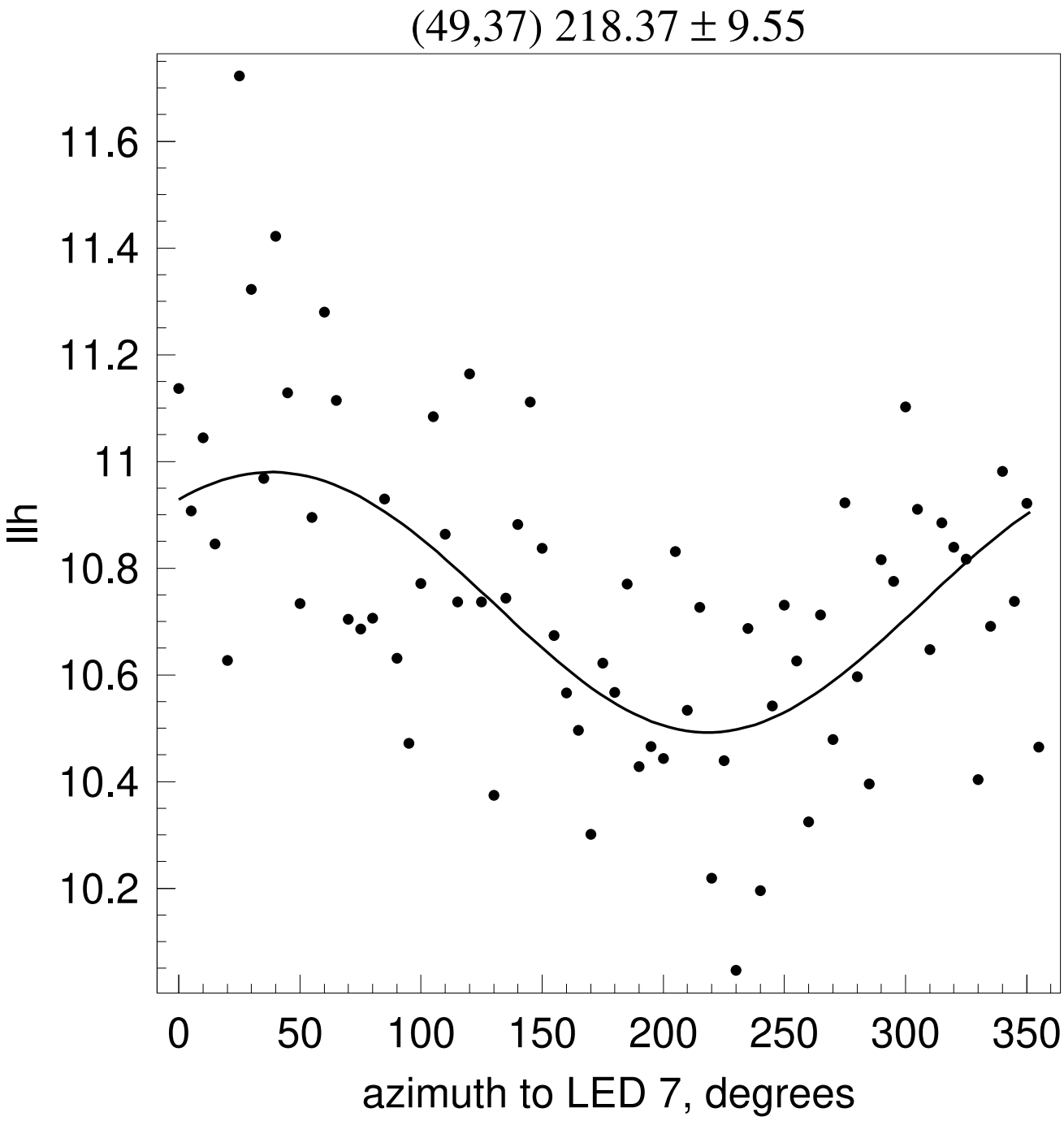

(49,32) 347.22 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

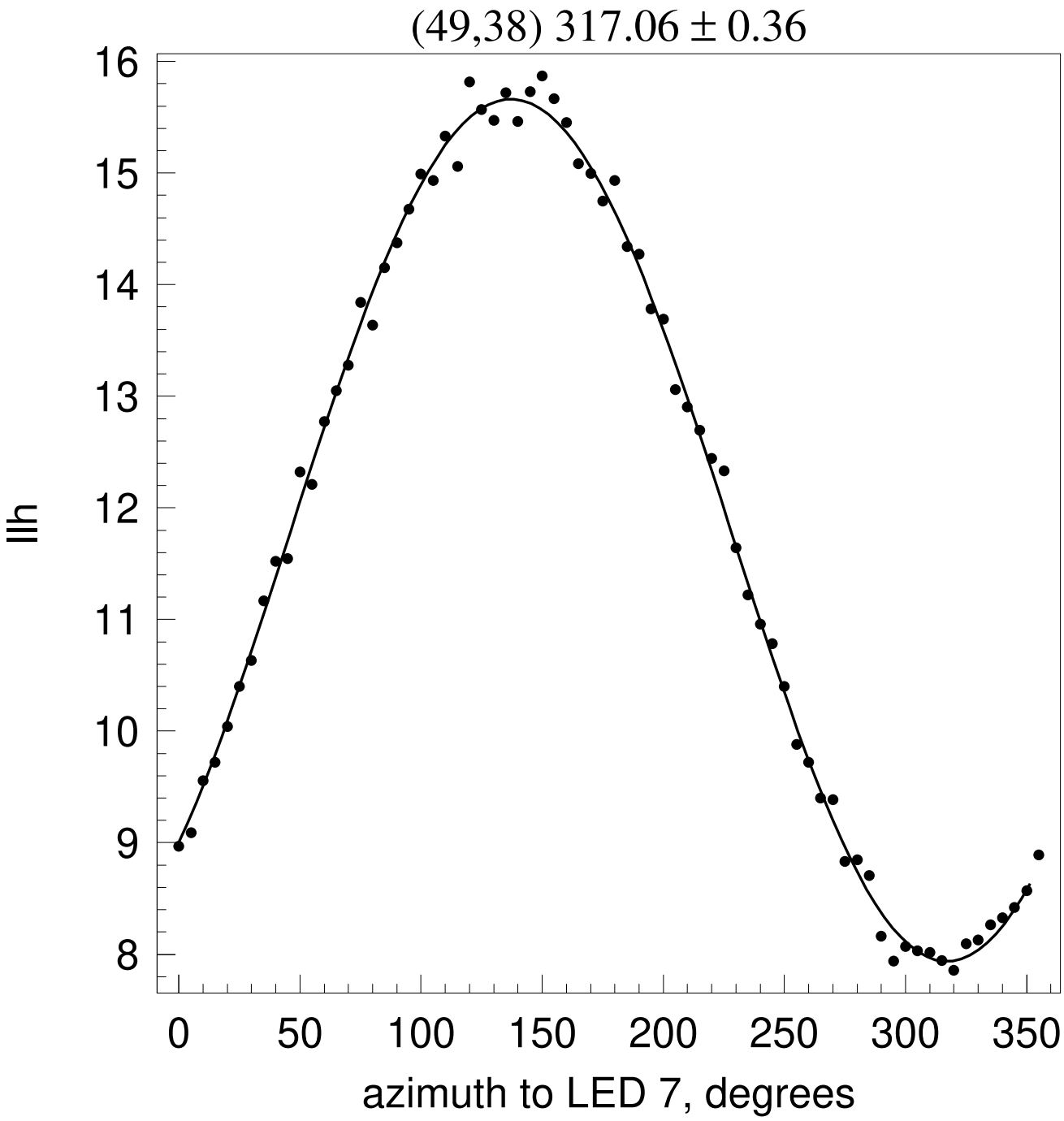

(49,33) 148.67 ± 0.20
24
22
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

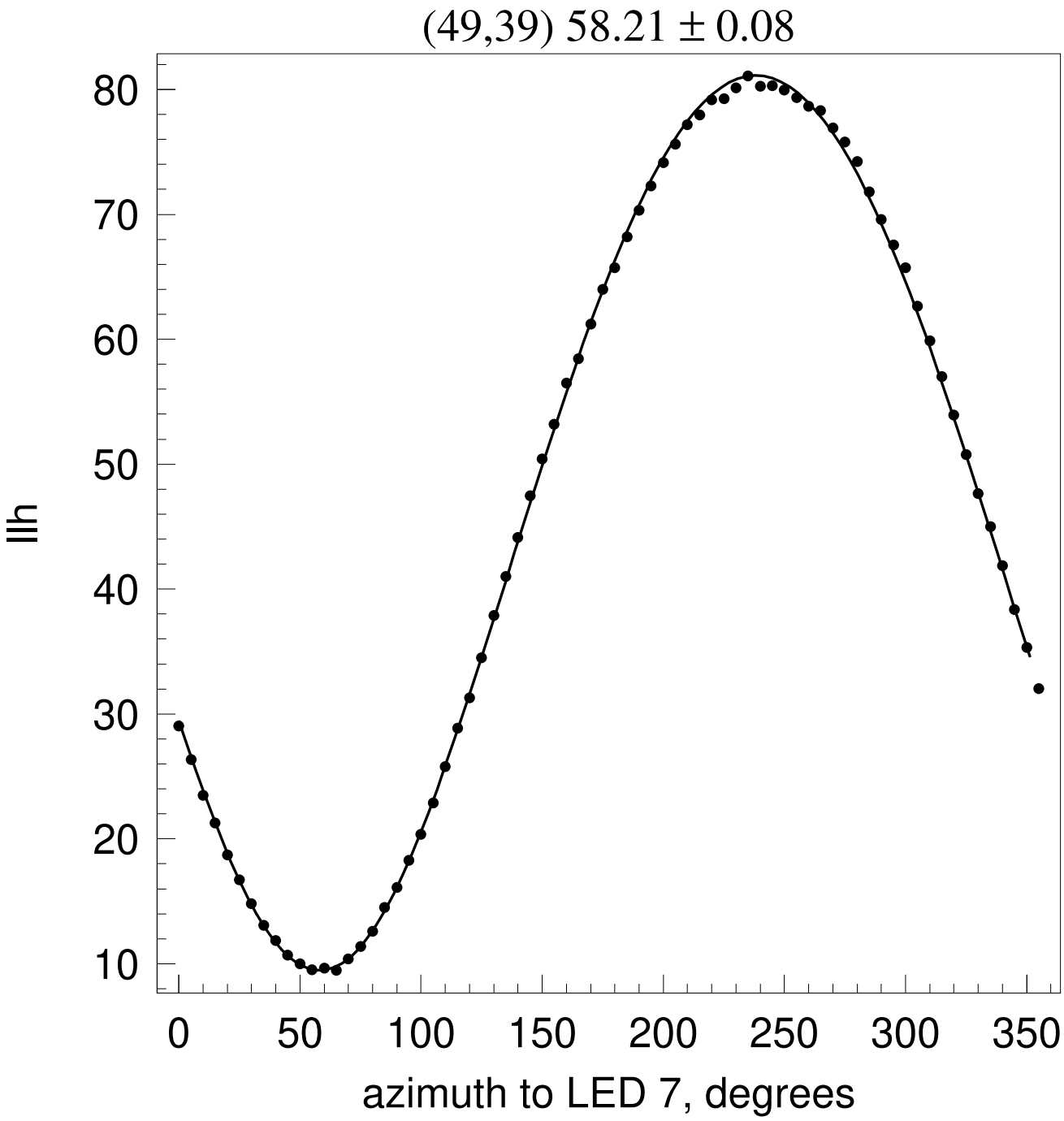

(49,34) 82.20 ± 2.23
11.5
11
10.5
10
9.5
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

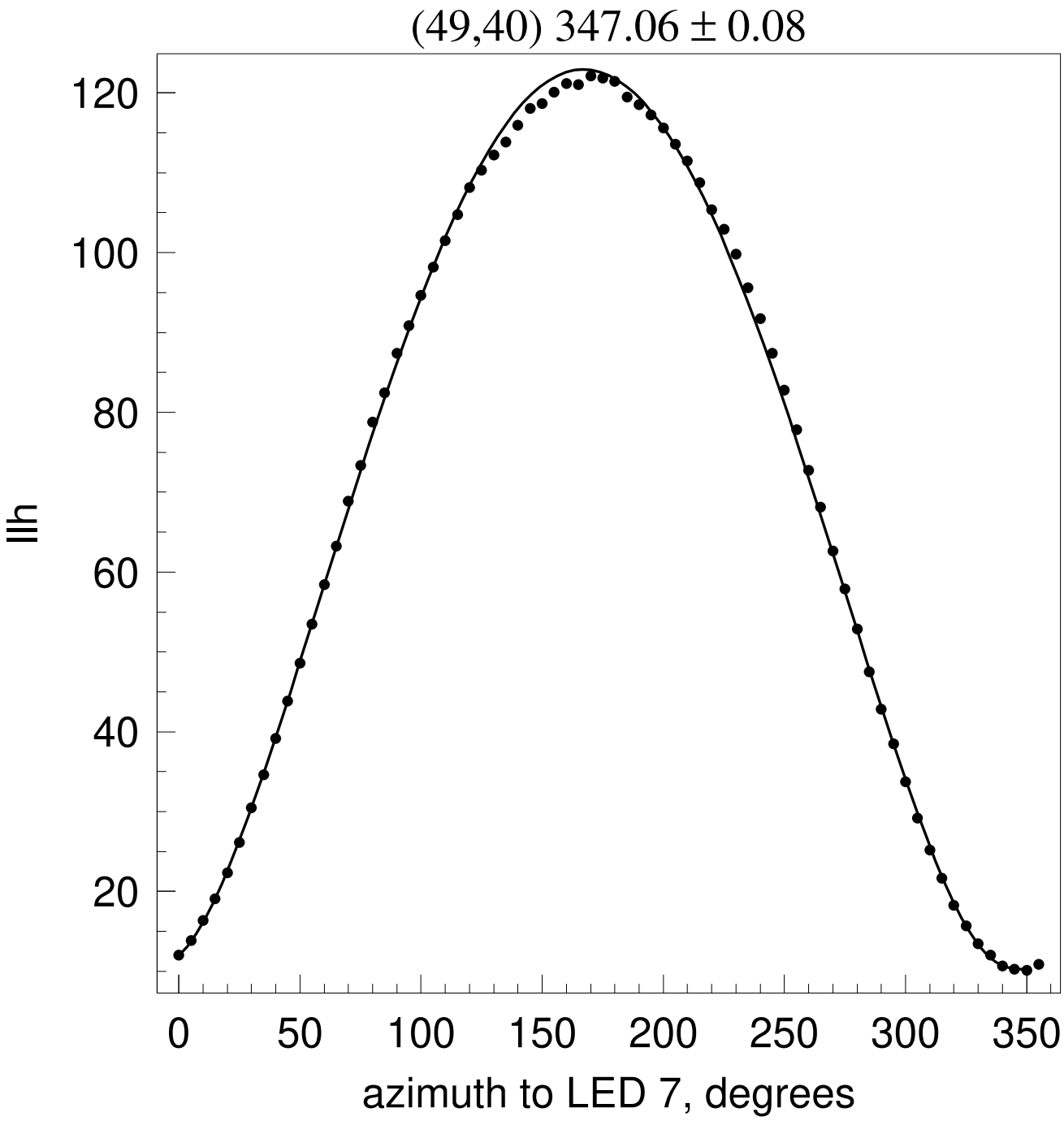

(49,35) 58.78 ± 3.69
14
13.5
13
12.5
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

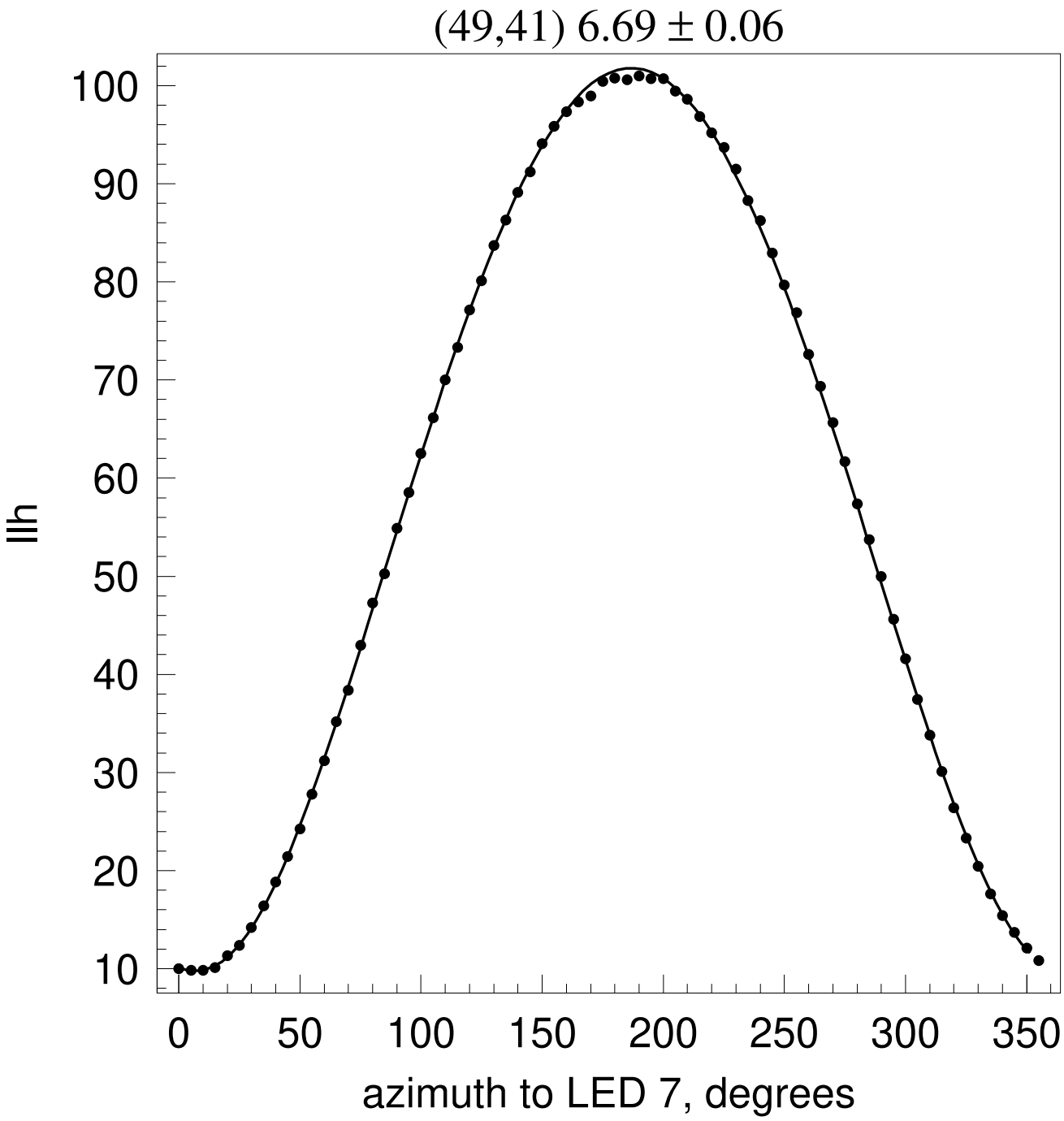

(49,36) 323.83 ± 64.15
14.4
14.2
14
13.8
13.6
13.4
13.2
13
12.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

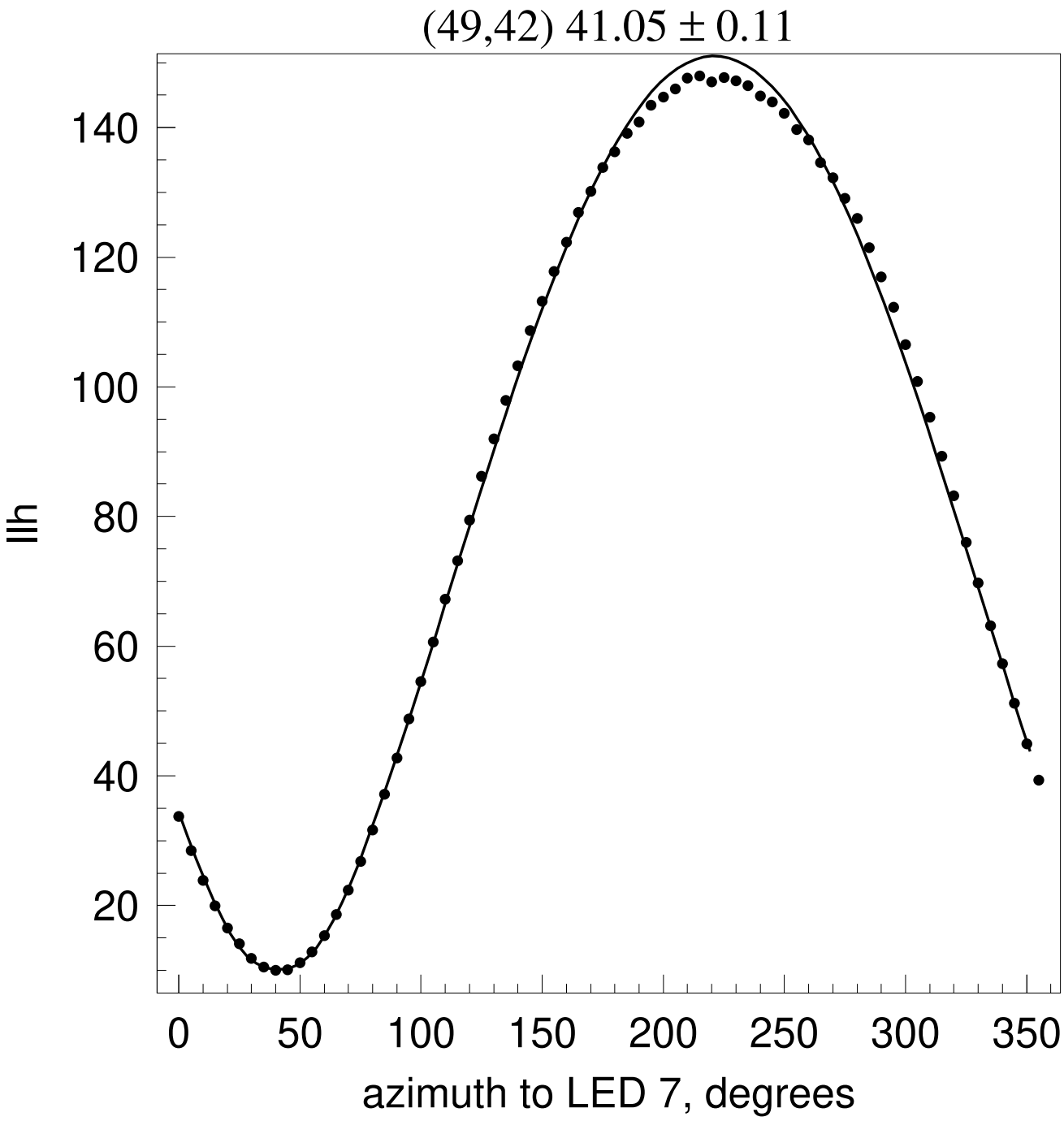

(49,37) 218.37 ± 9.55
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

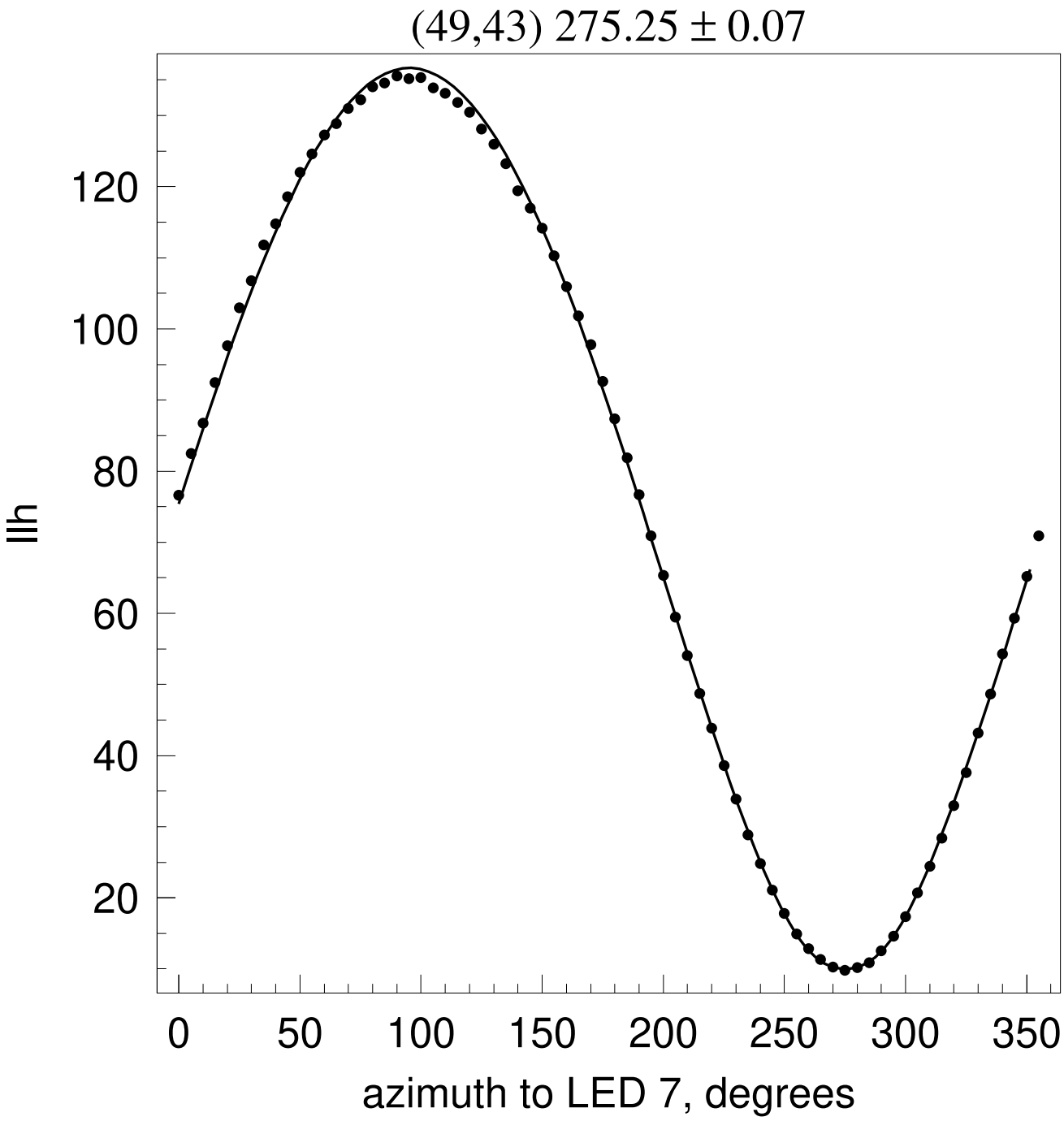

(49,38) 317.06 ± 0.36
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

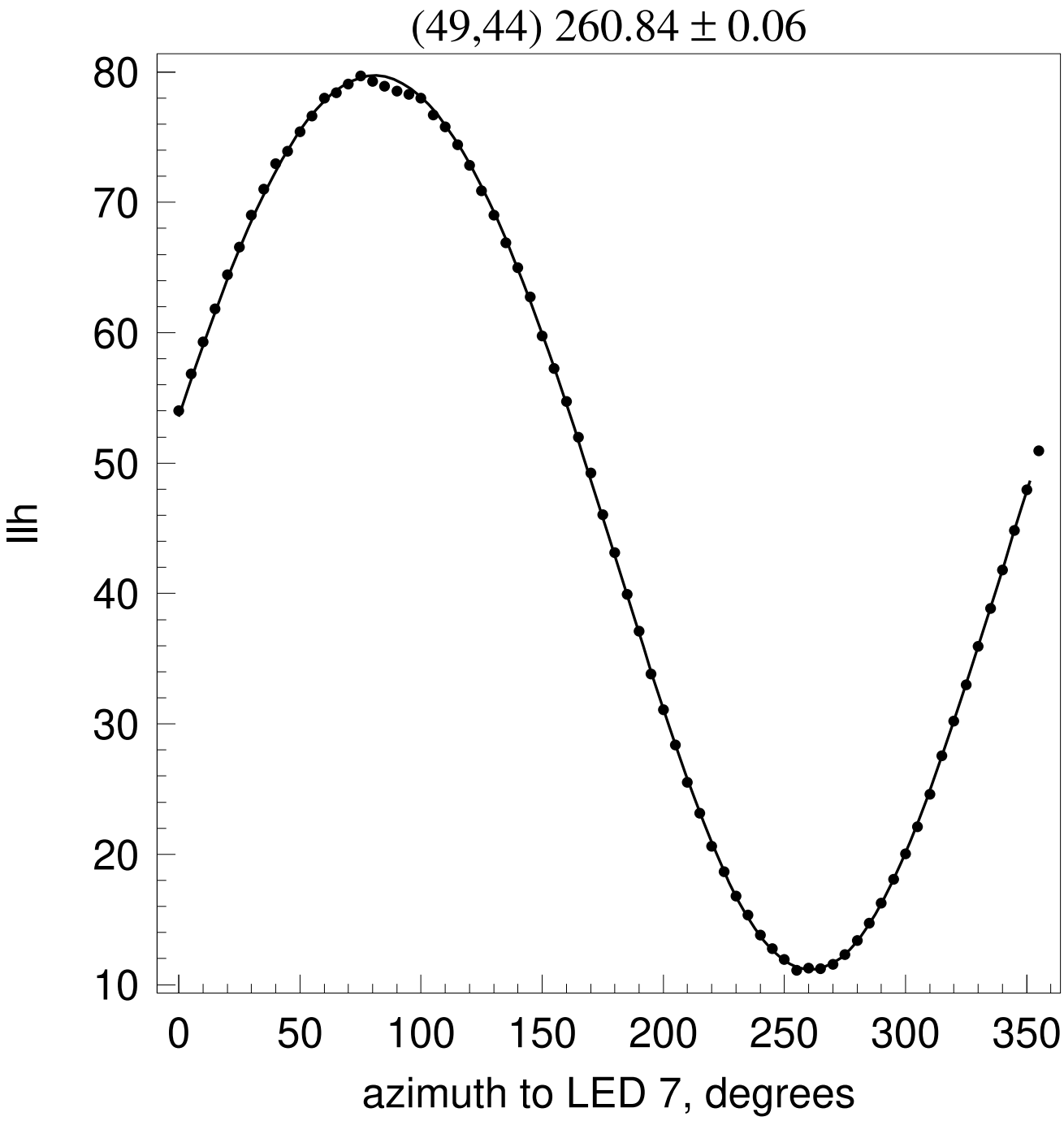

(49,39) 58.21 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

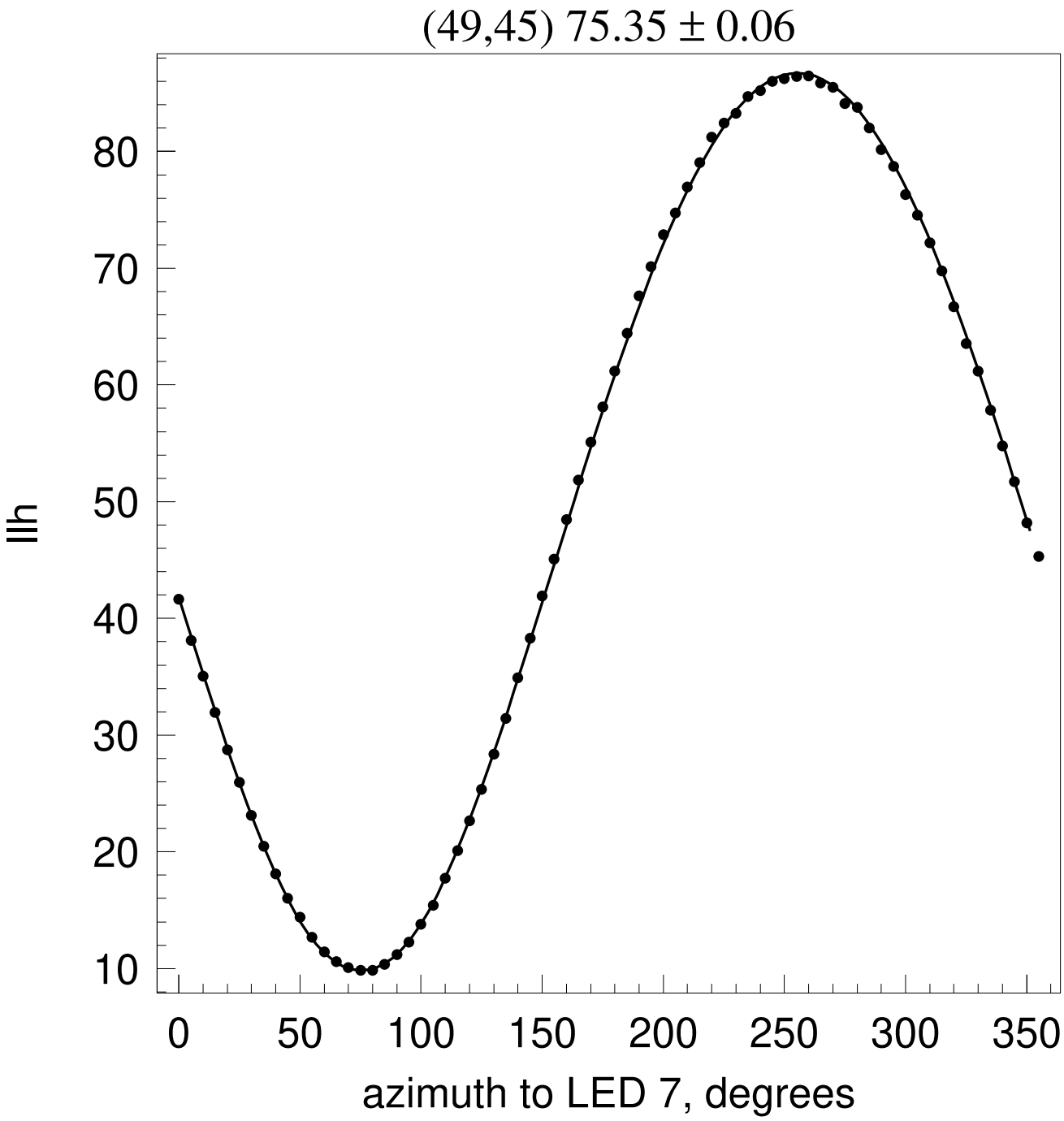

(49,40) 347.06 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

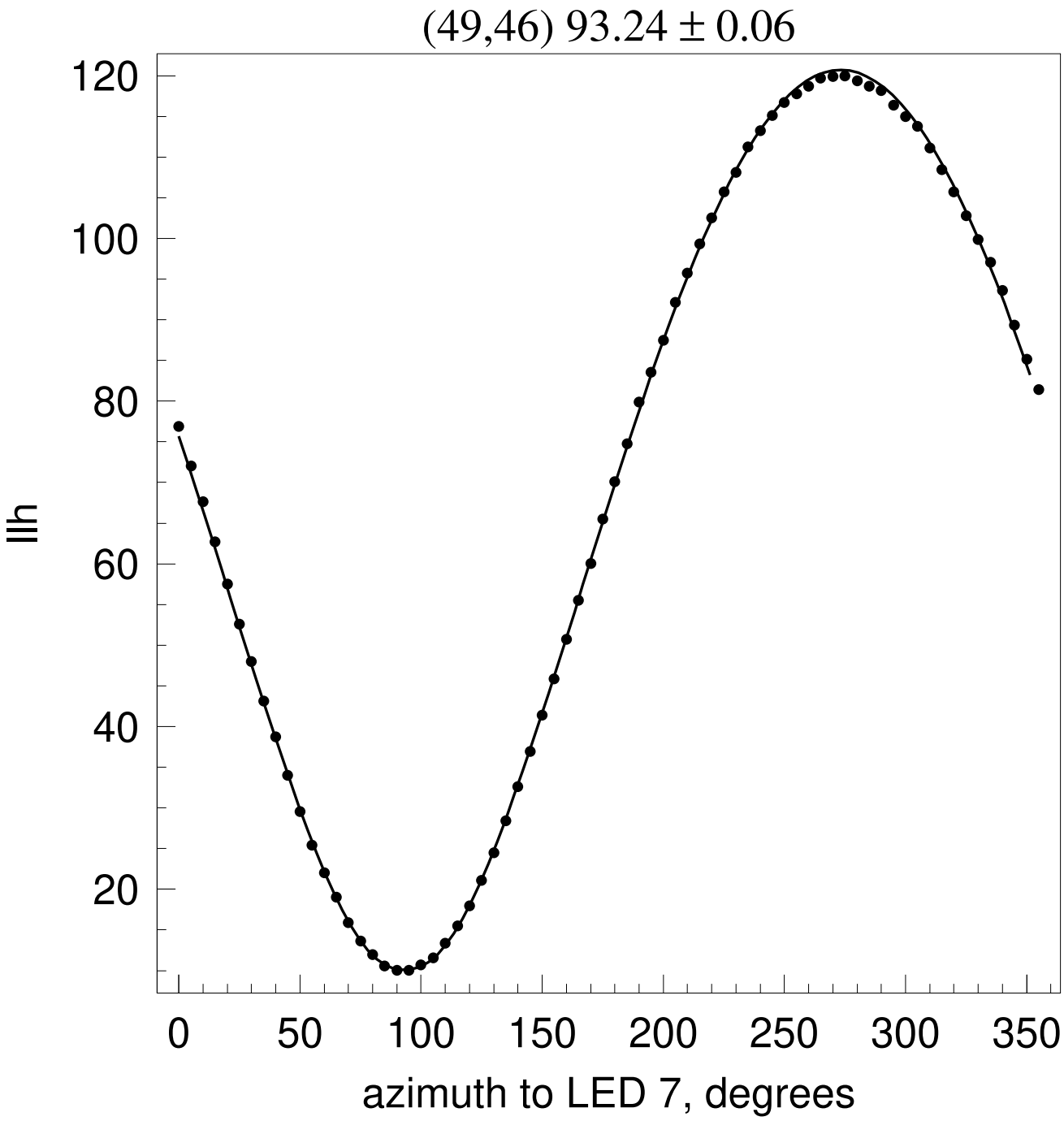

(49,41) 6.69 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

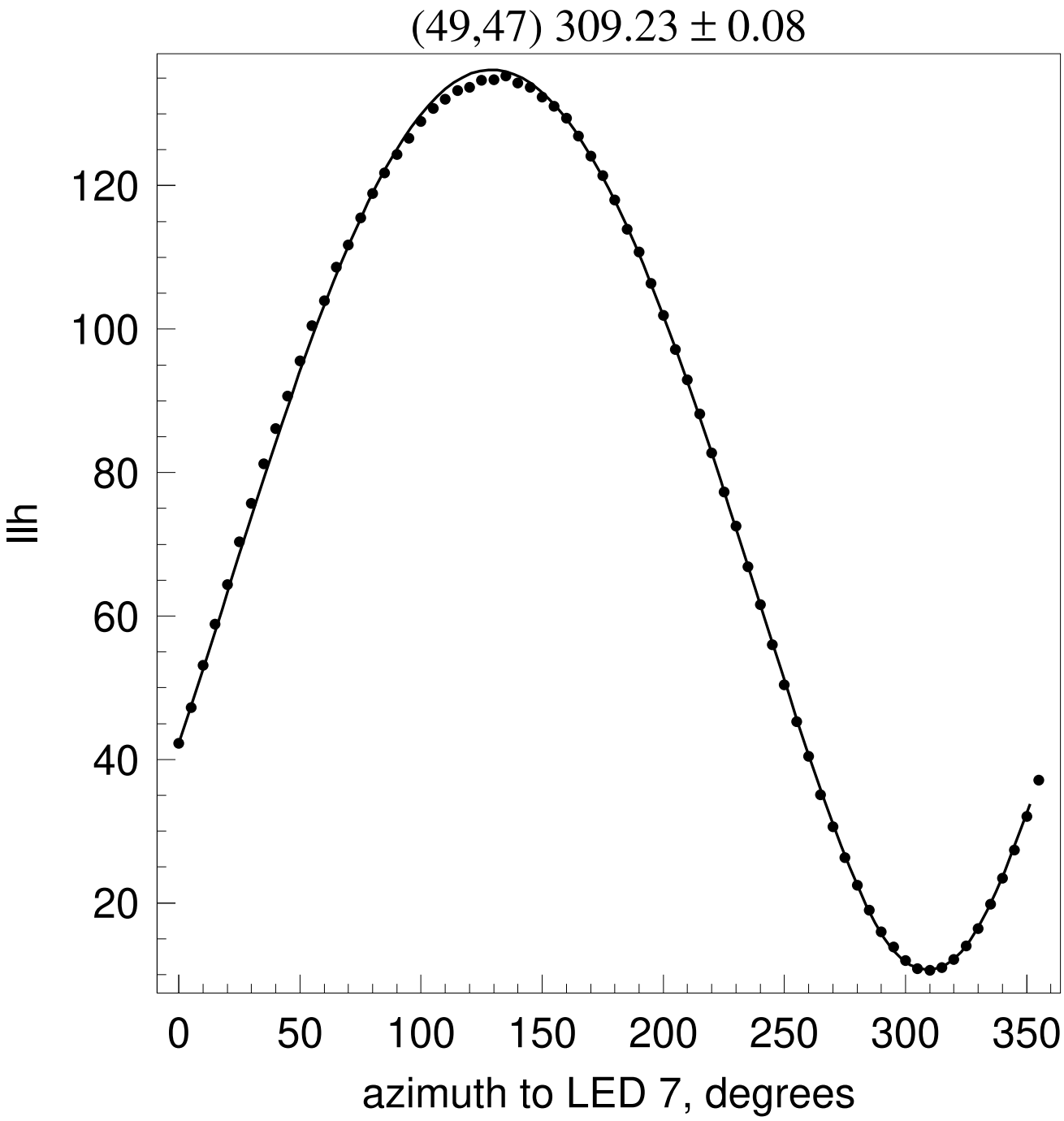

(49,42) 41.05 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

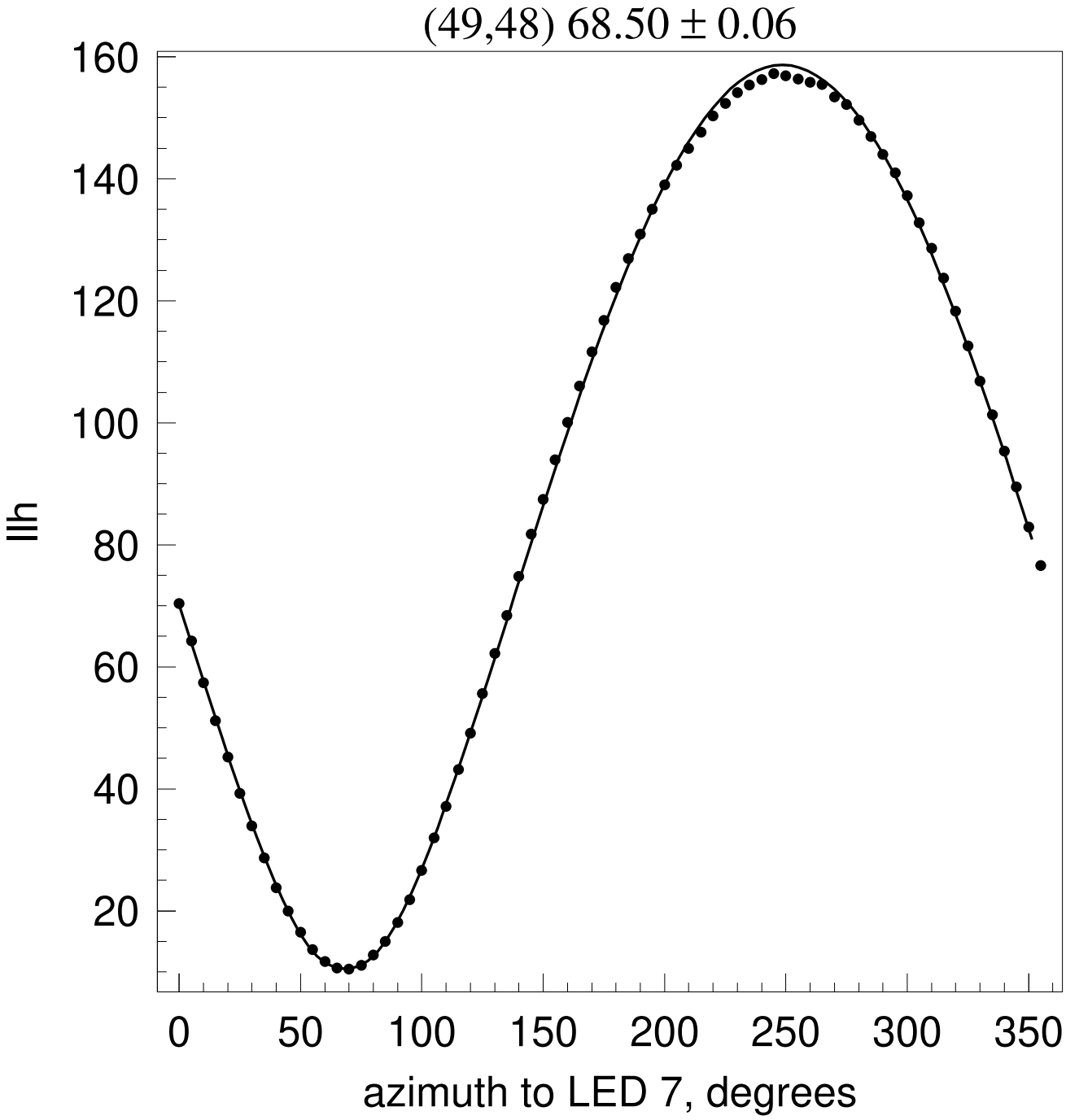

(49,43) 275.25 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

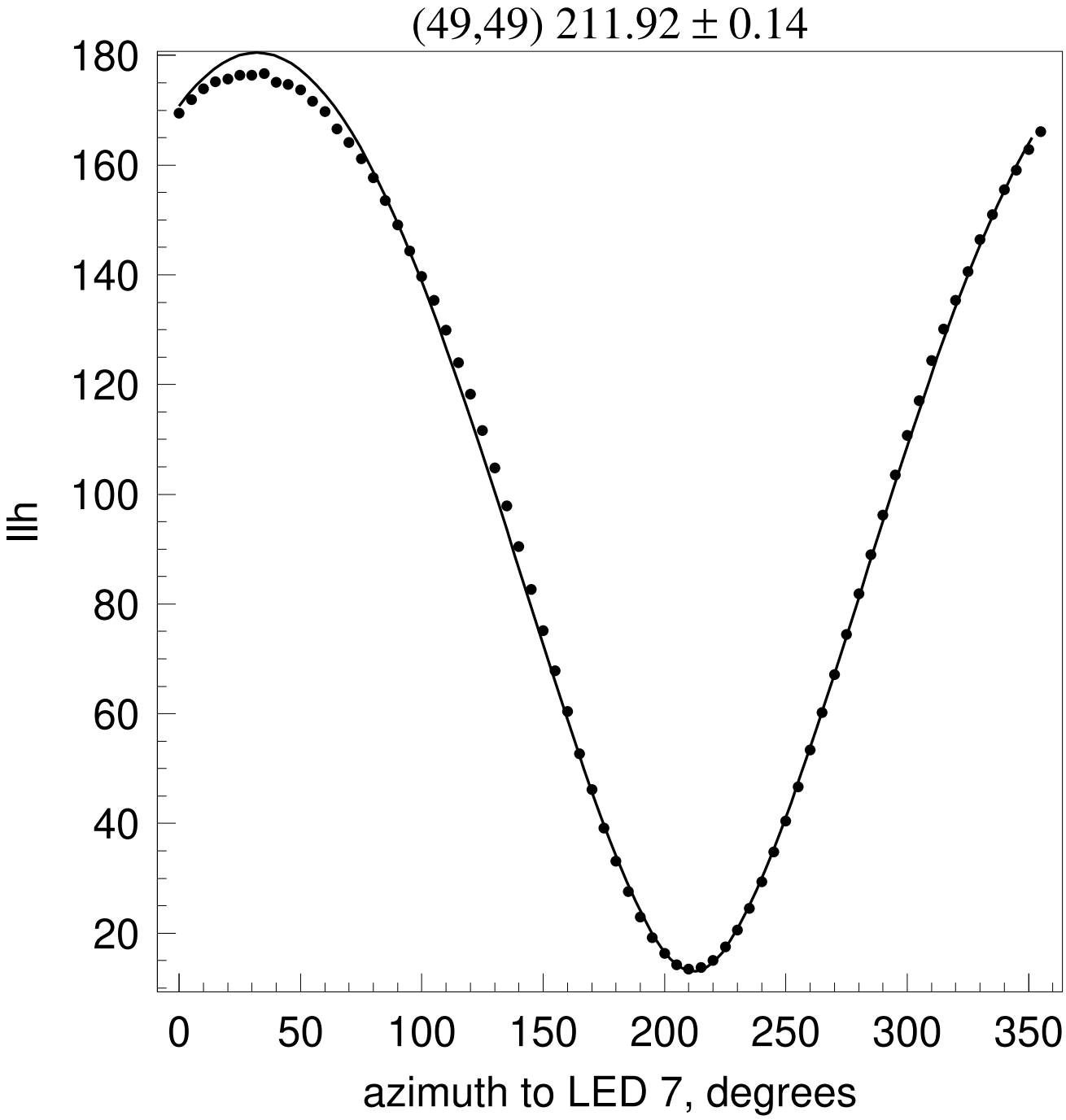

(49,44) 260.84 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

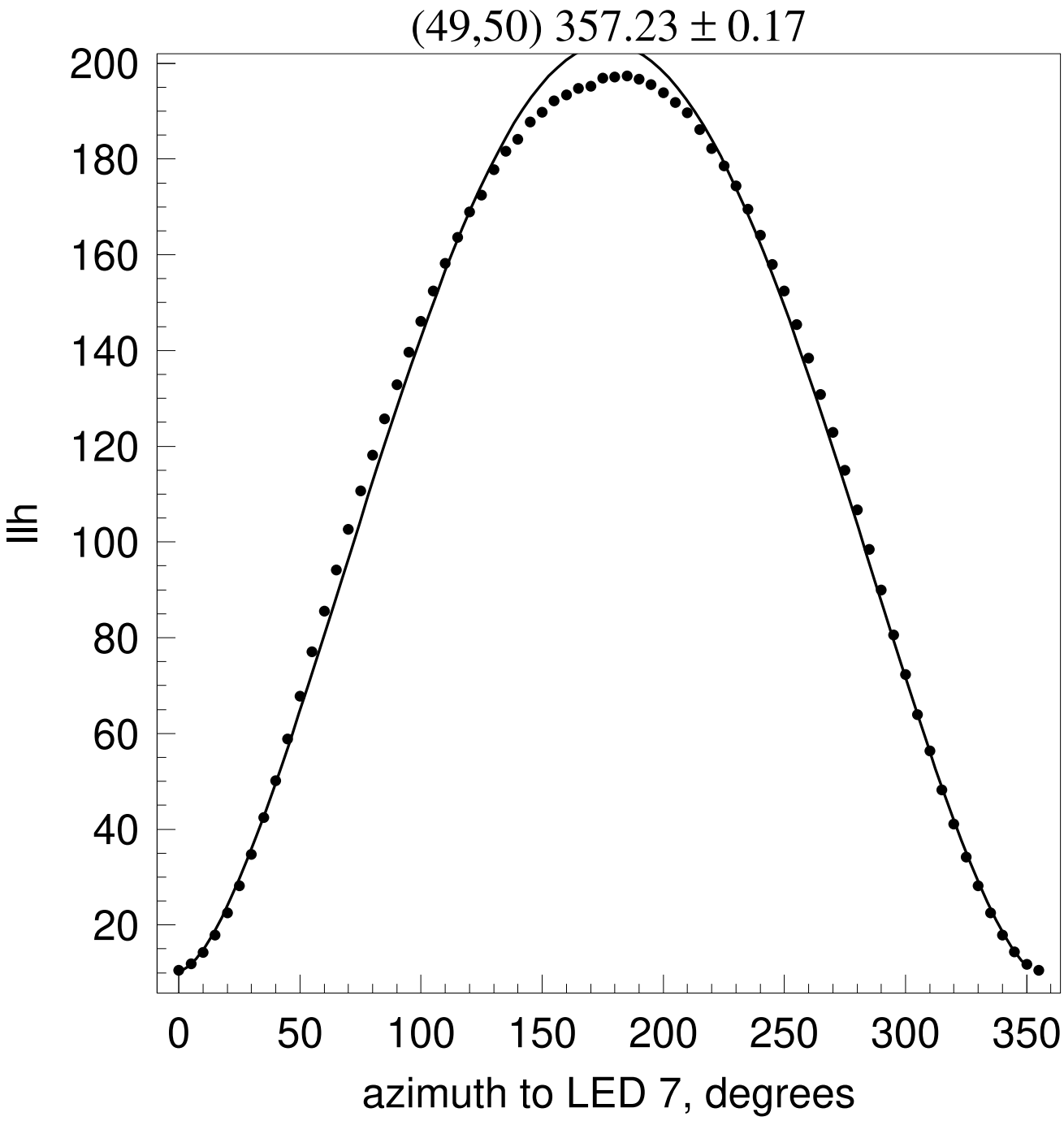

(49,45) 75.35 ± 0.06
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

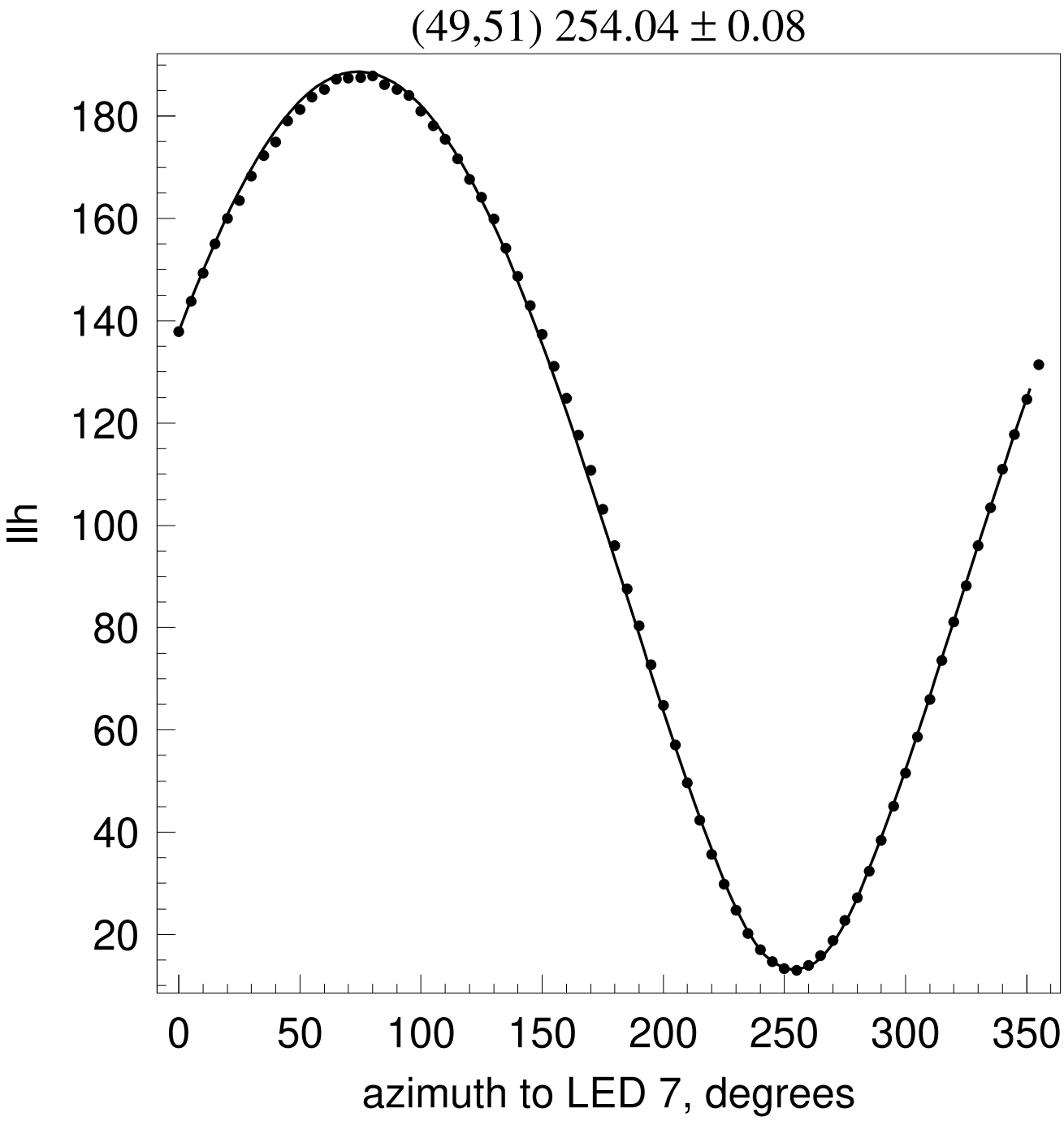

(49,46) 93.24 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

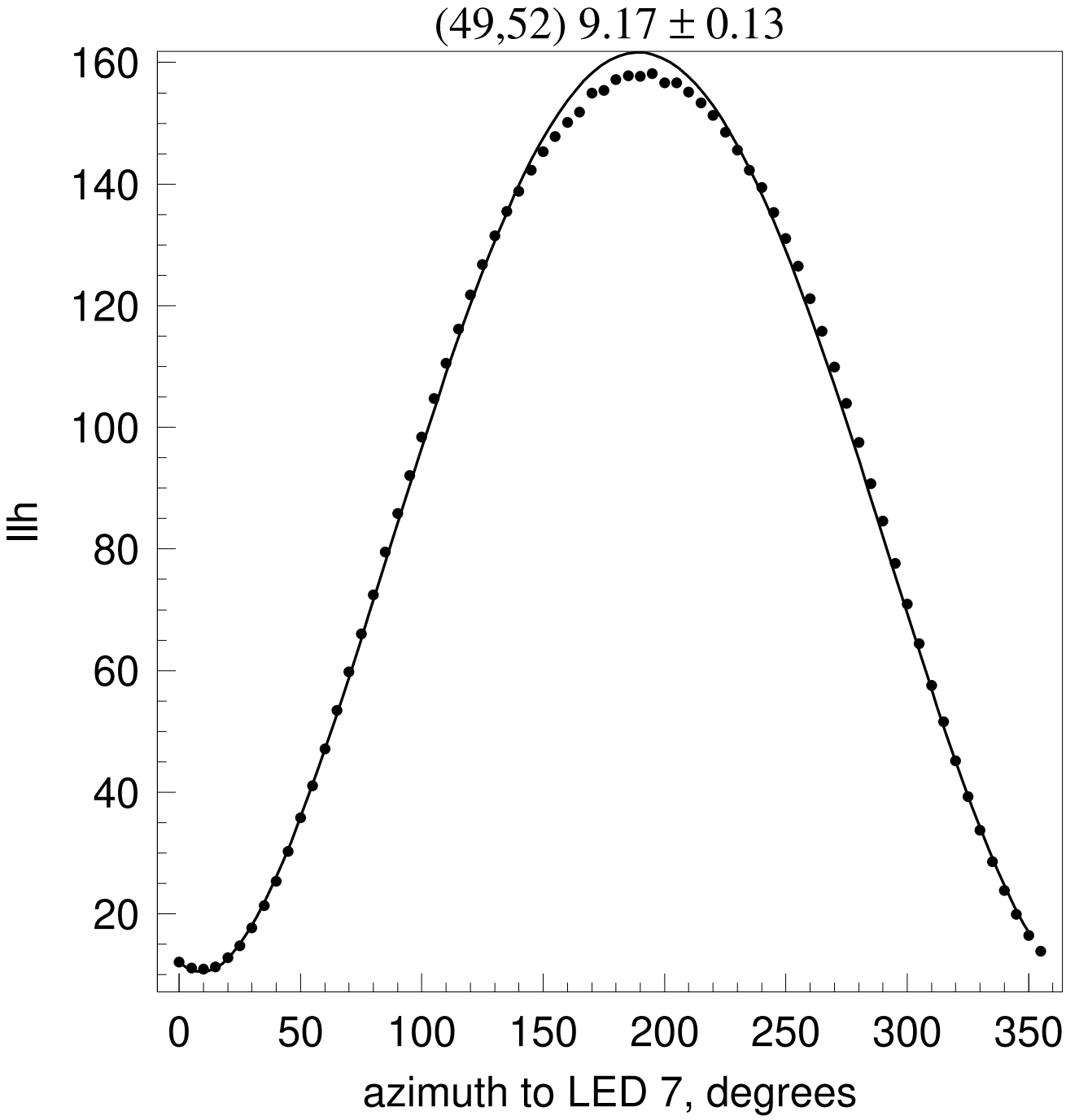

(49,47) 309.23 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

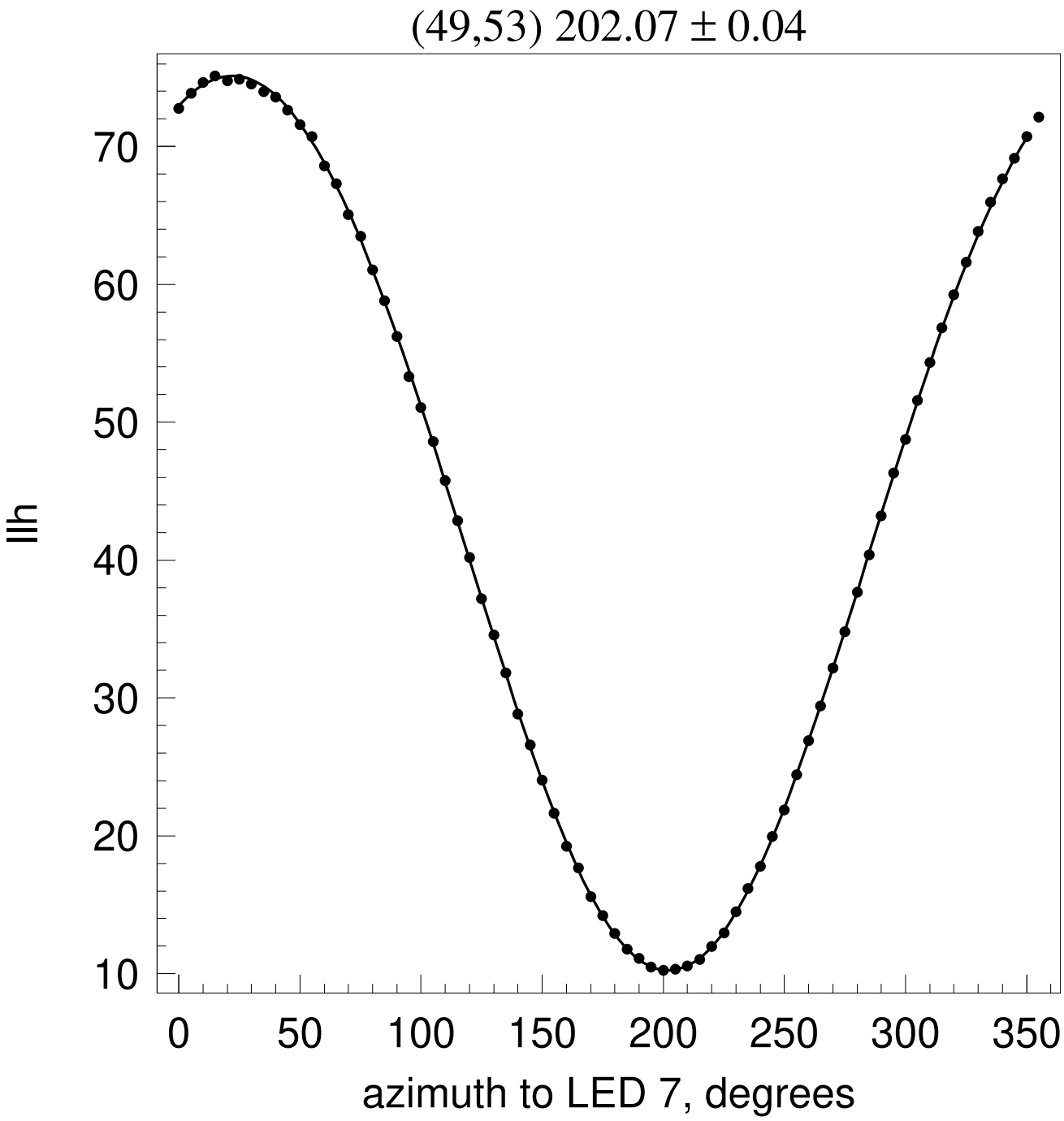

(49,48) 68.50 ± 0.06
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

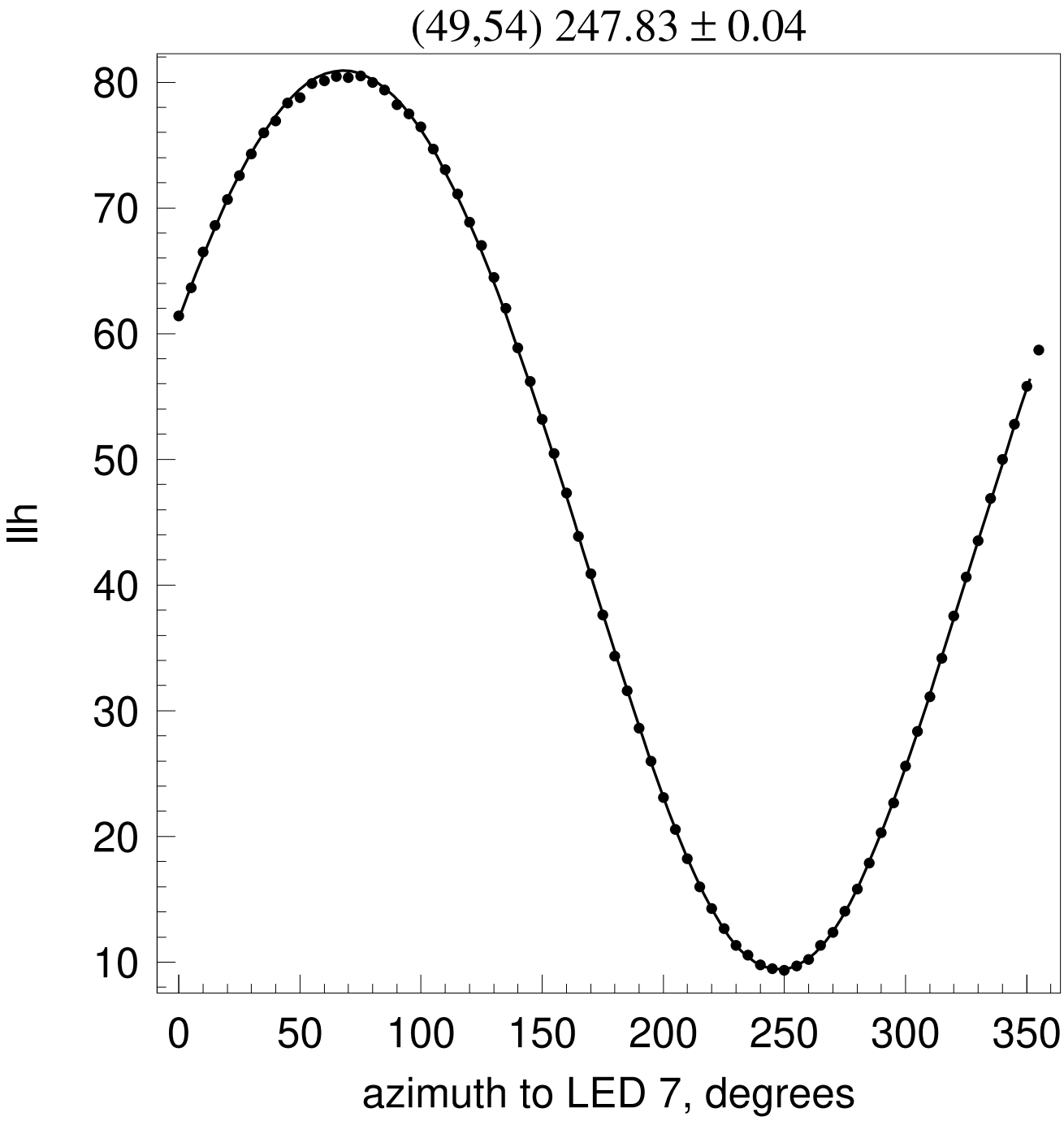

(49,49) 211.92 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

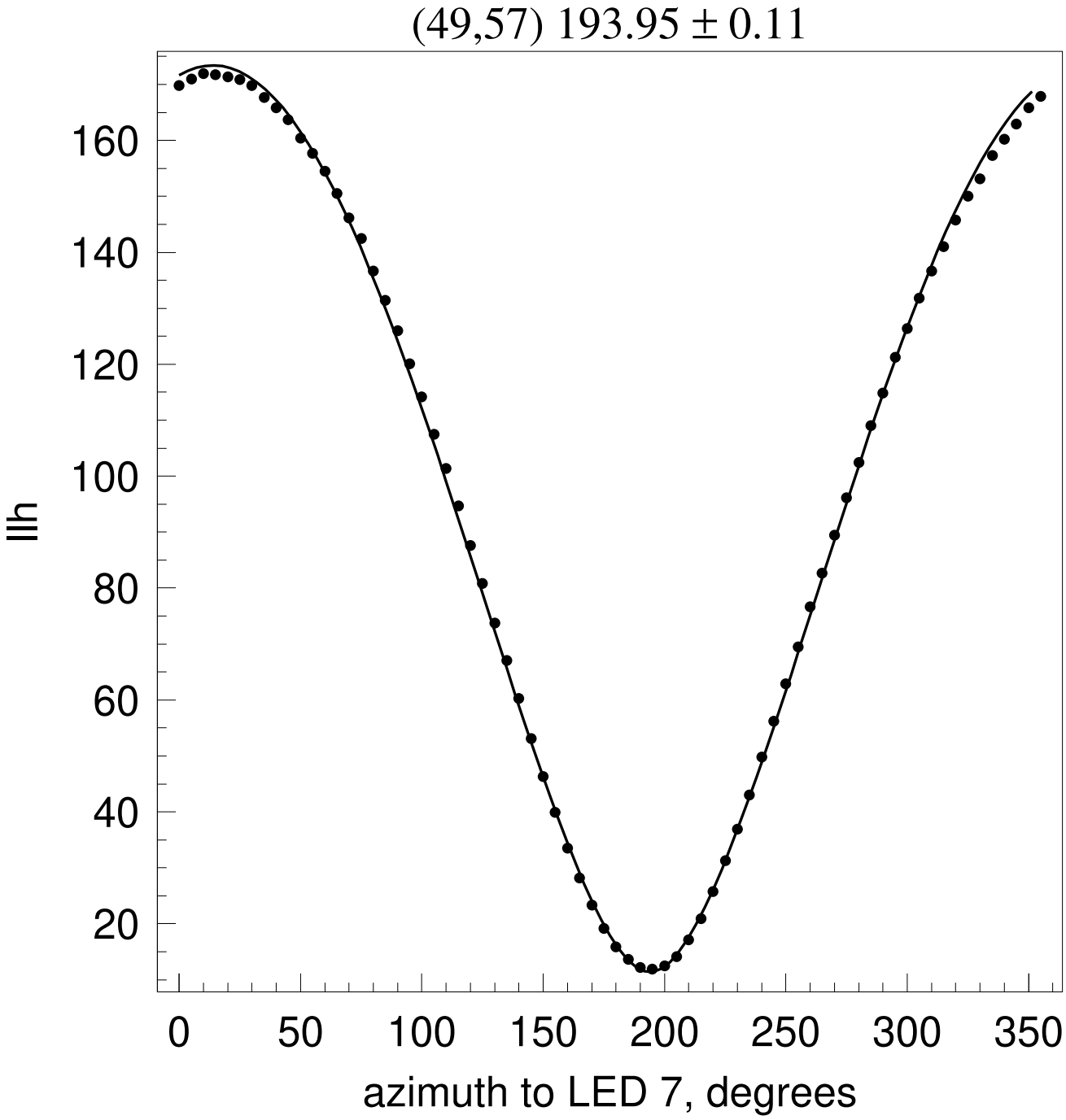

(49,50) 357.23 ± 0.17
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

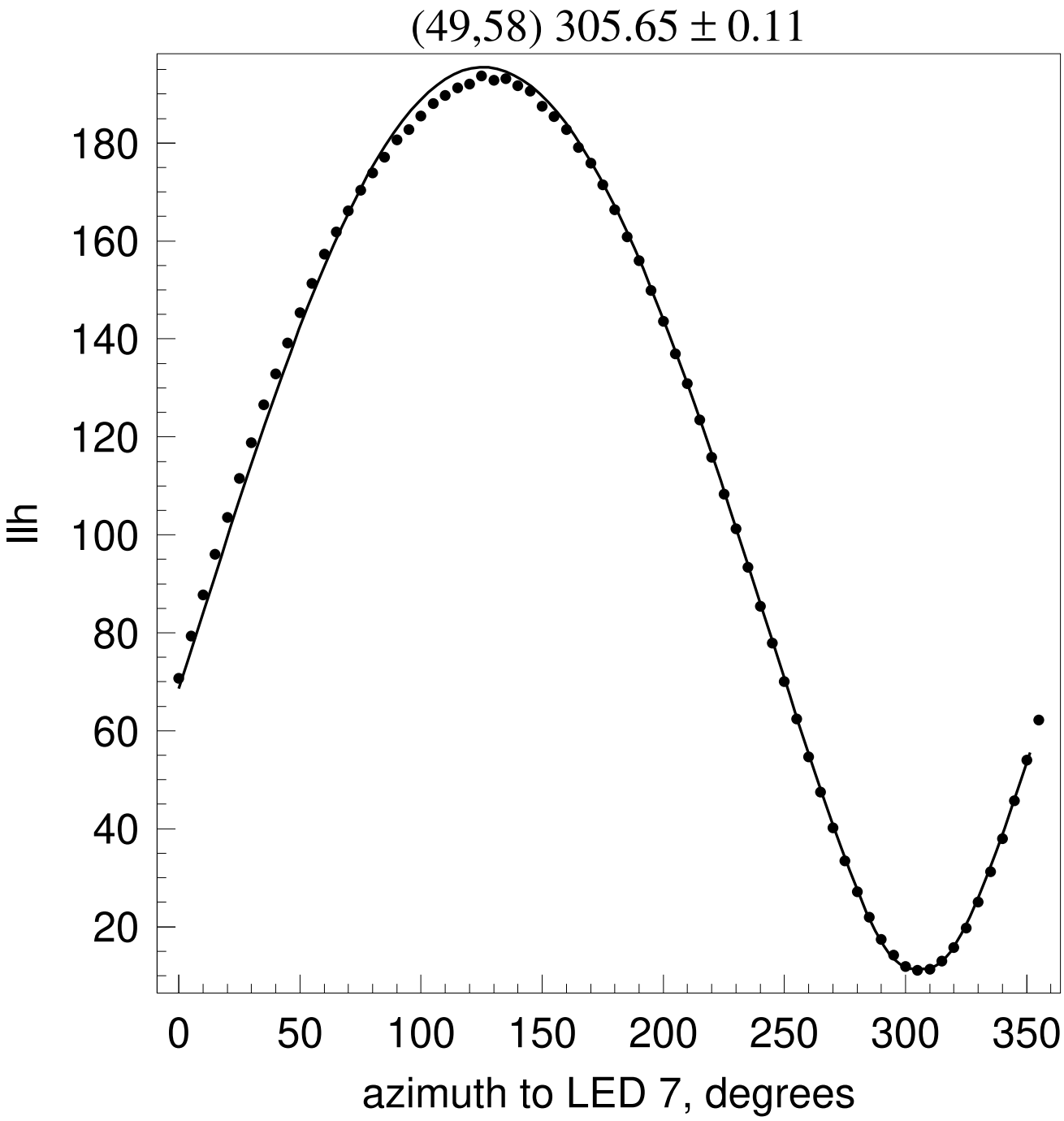

(49,51) 254.04 ± 0.08
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

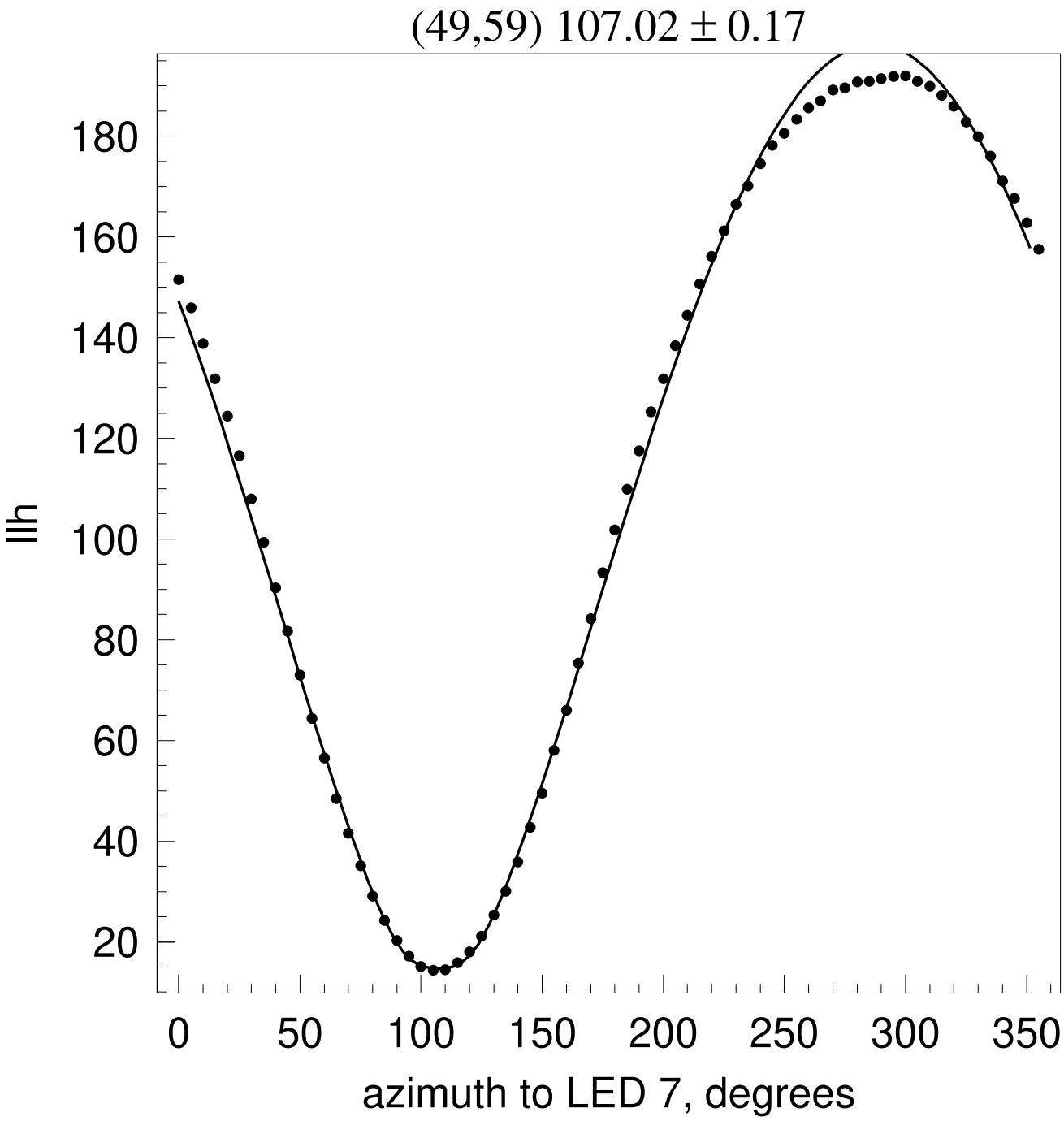

(49,52) 9.17 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

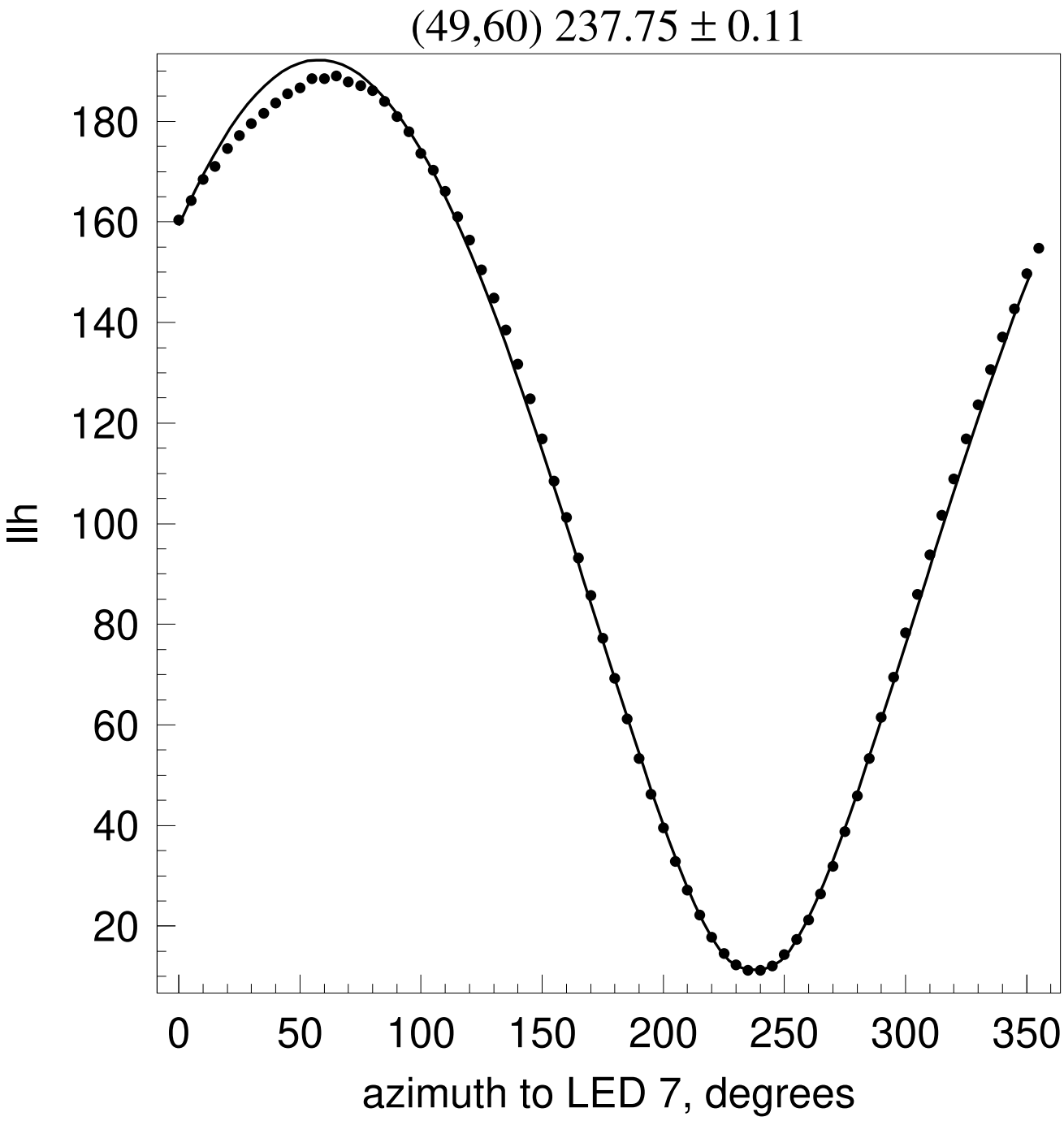

(49,53) 202.07 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

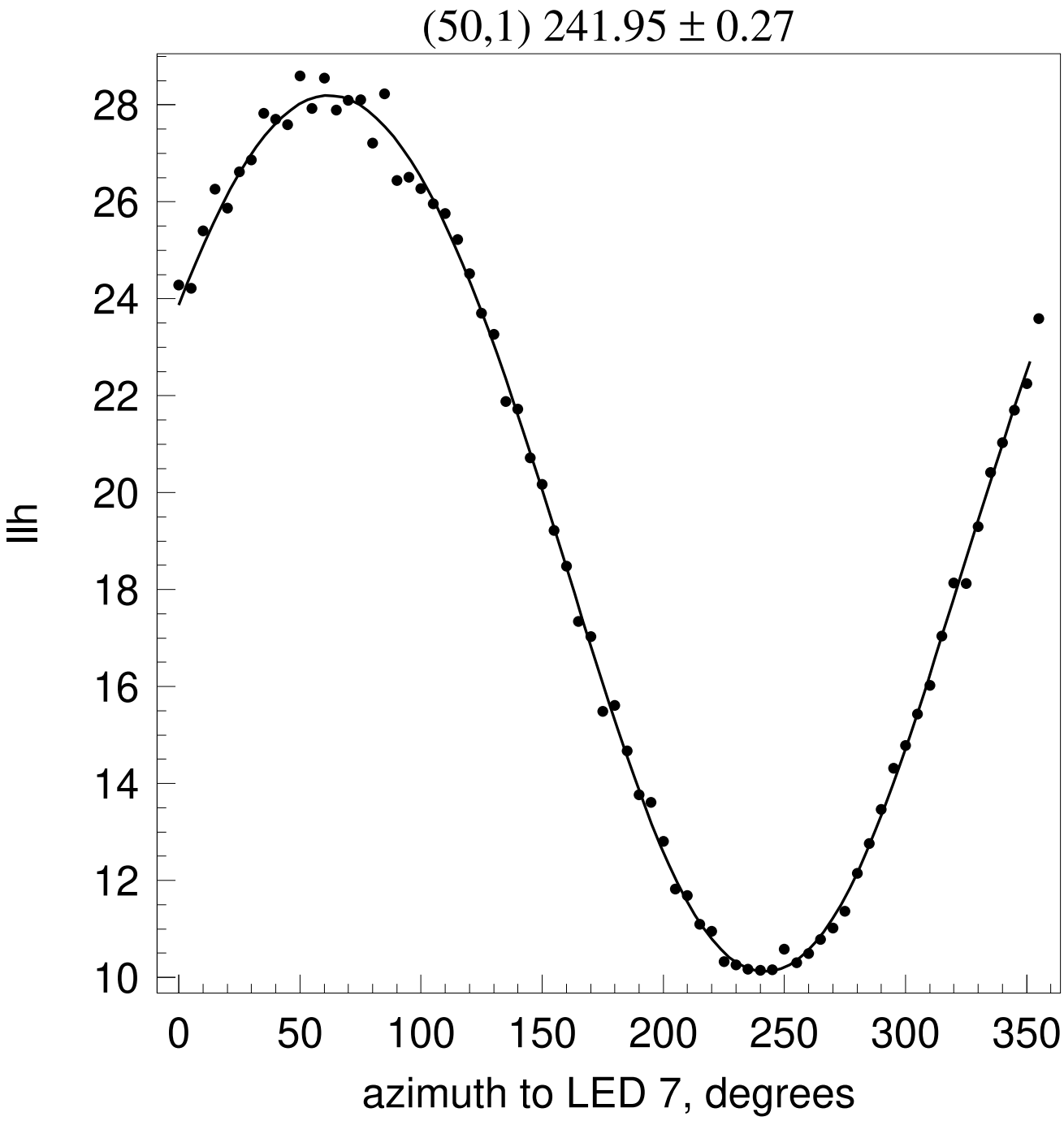

(49,54) 247.83 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

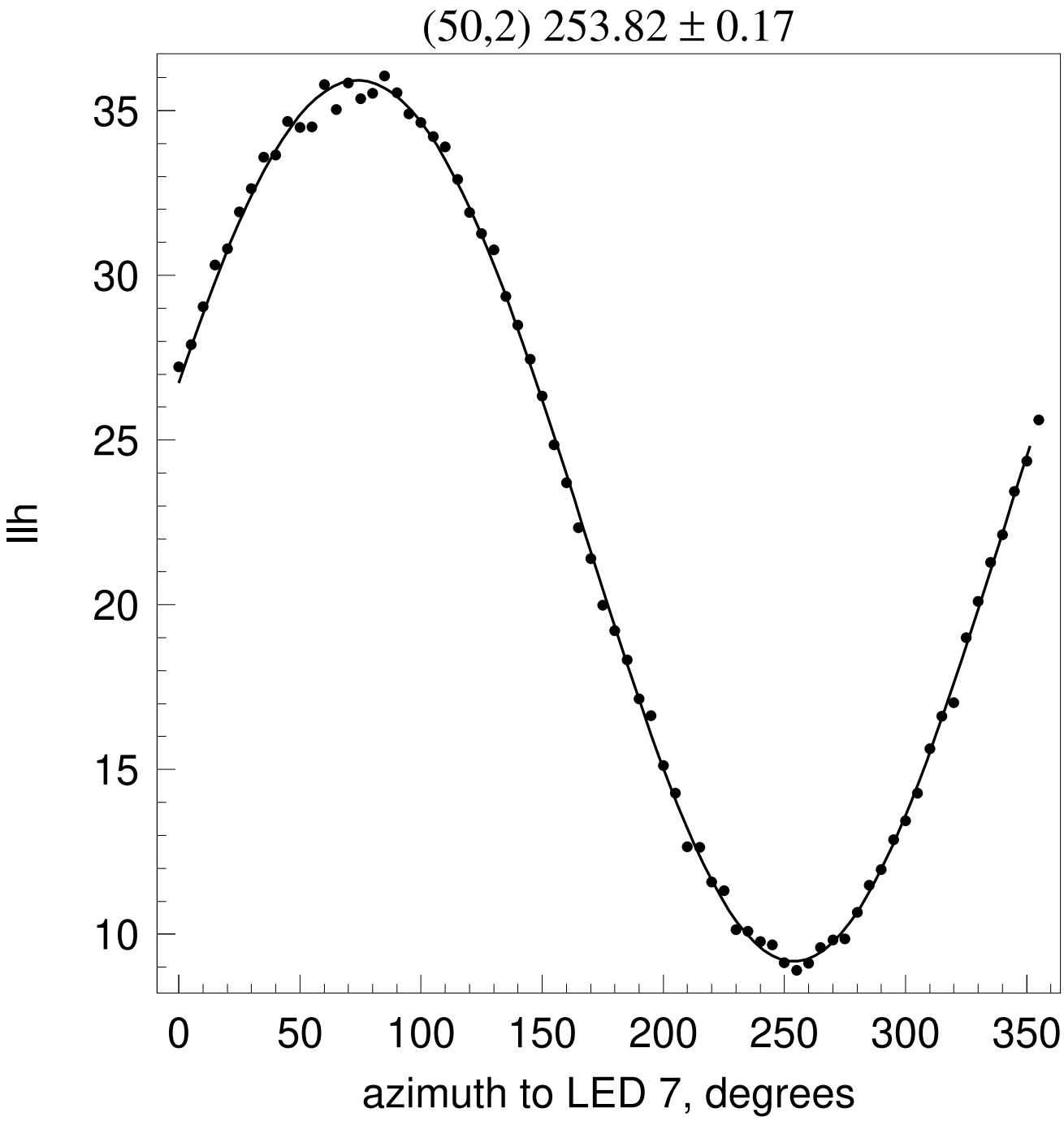

(49,57) 193.95 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

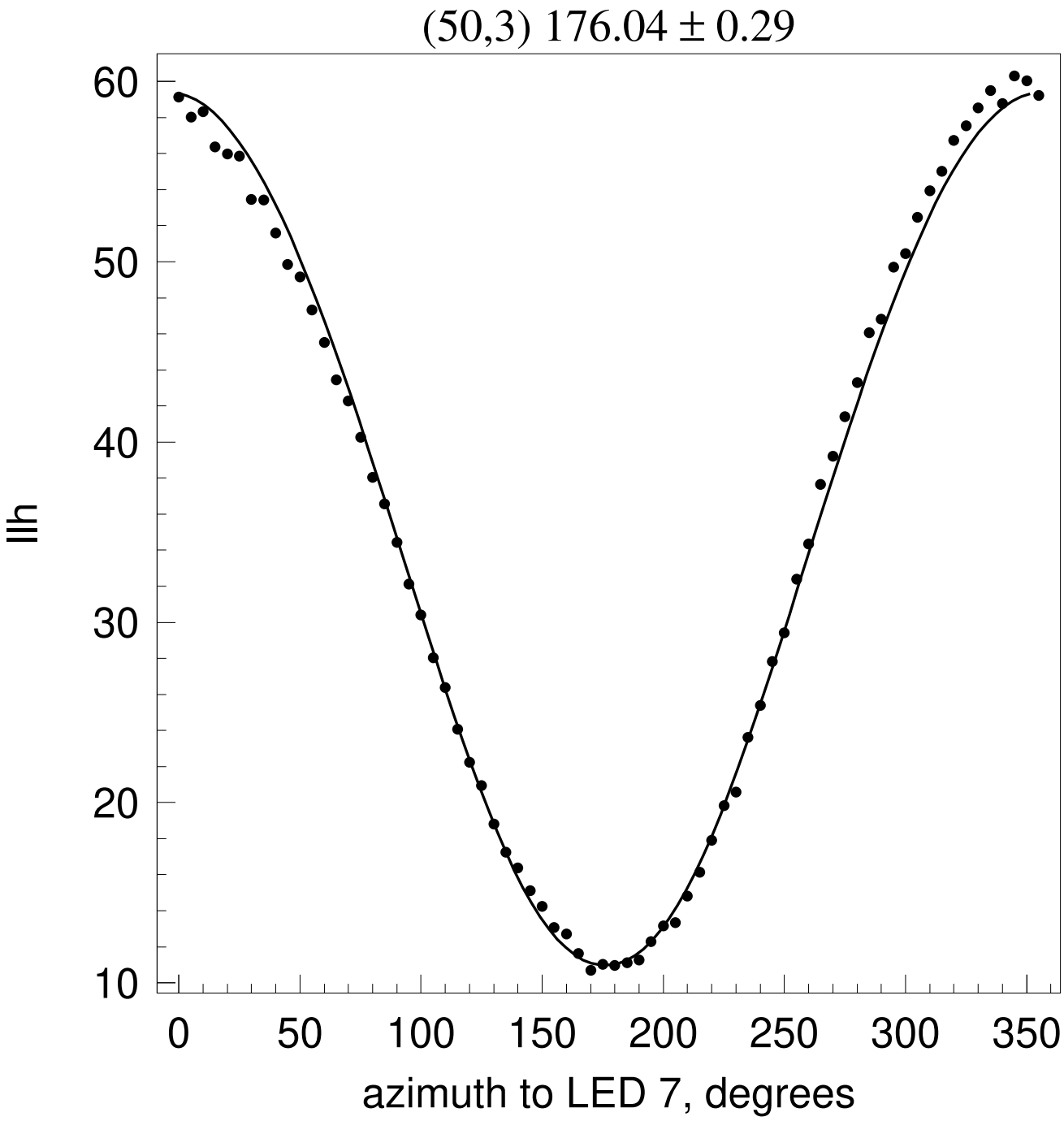

(49,58) 305.65 ± 0.11
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

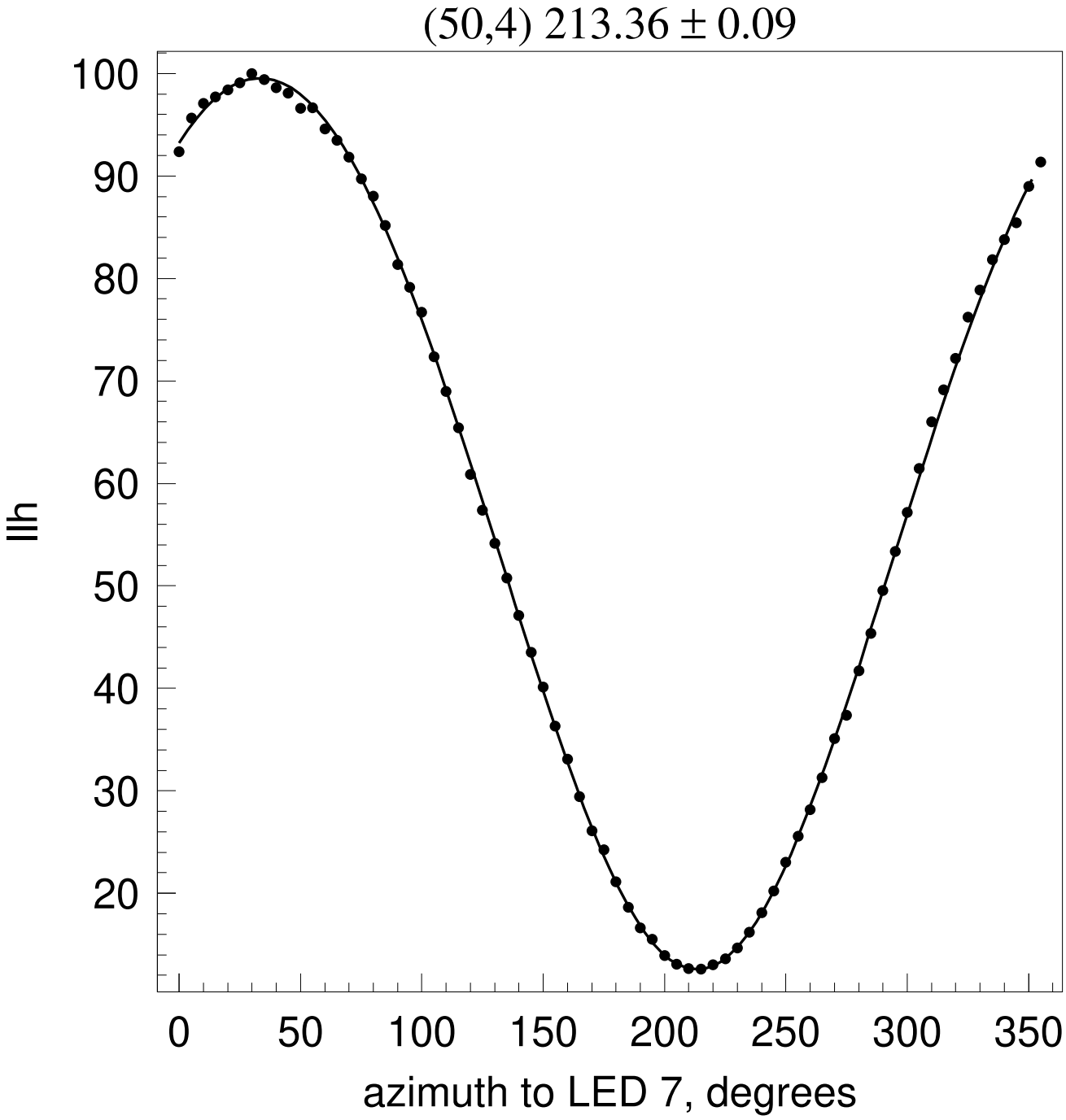

(49,59) 107.02 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

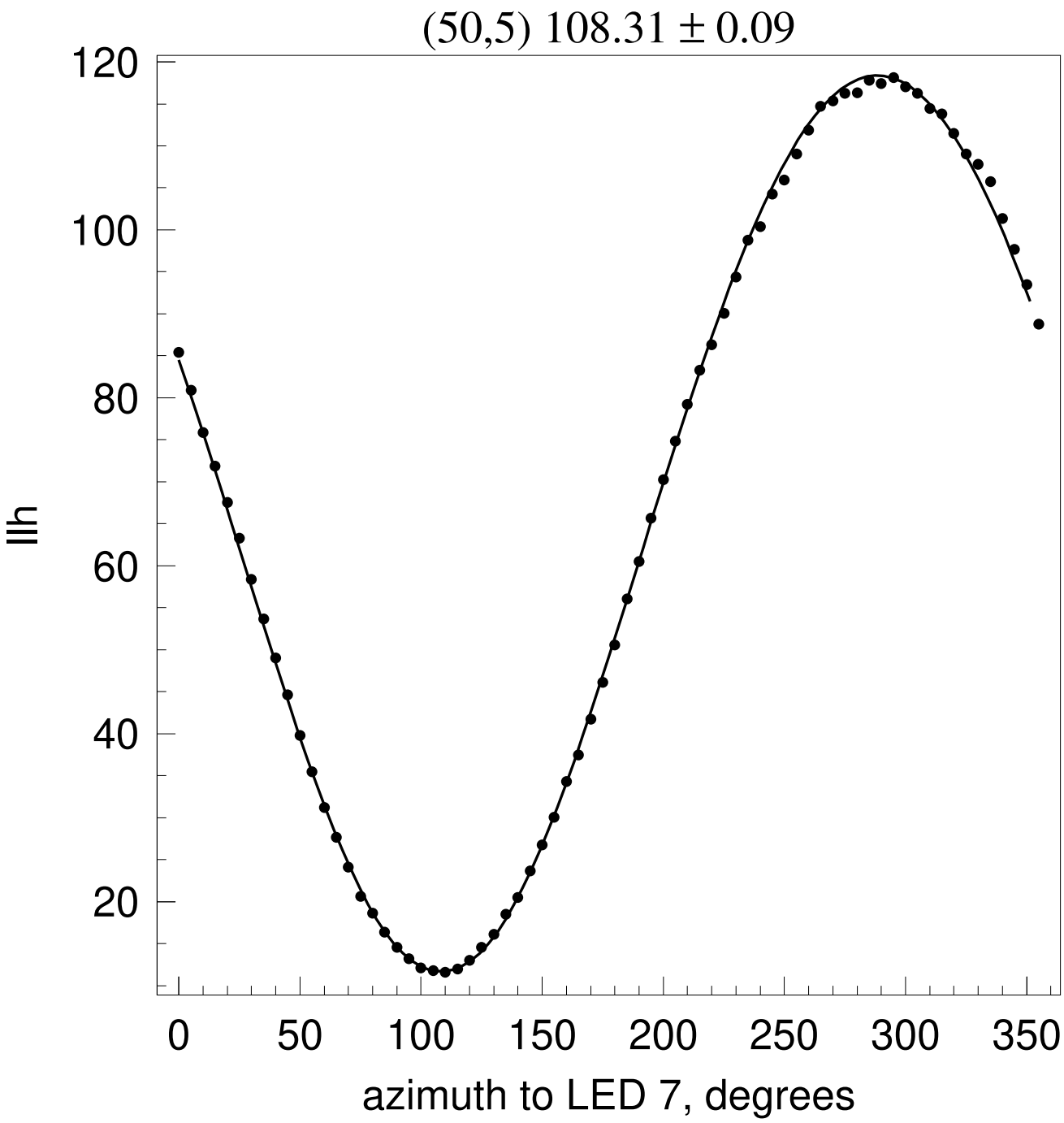

(49,60) 237.75 ± 0.11
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

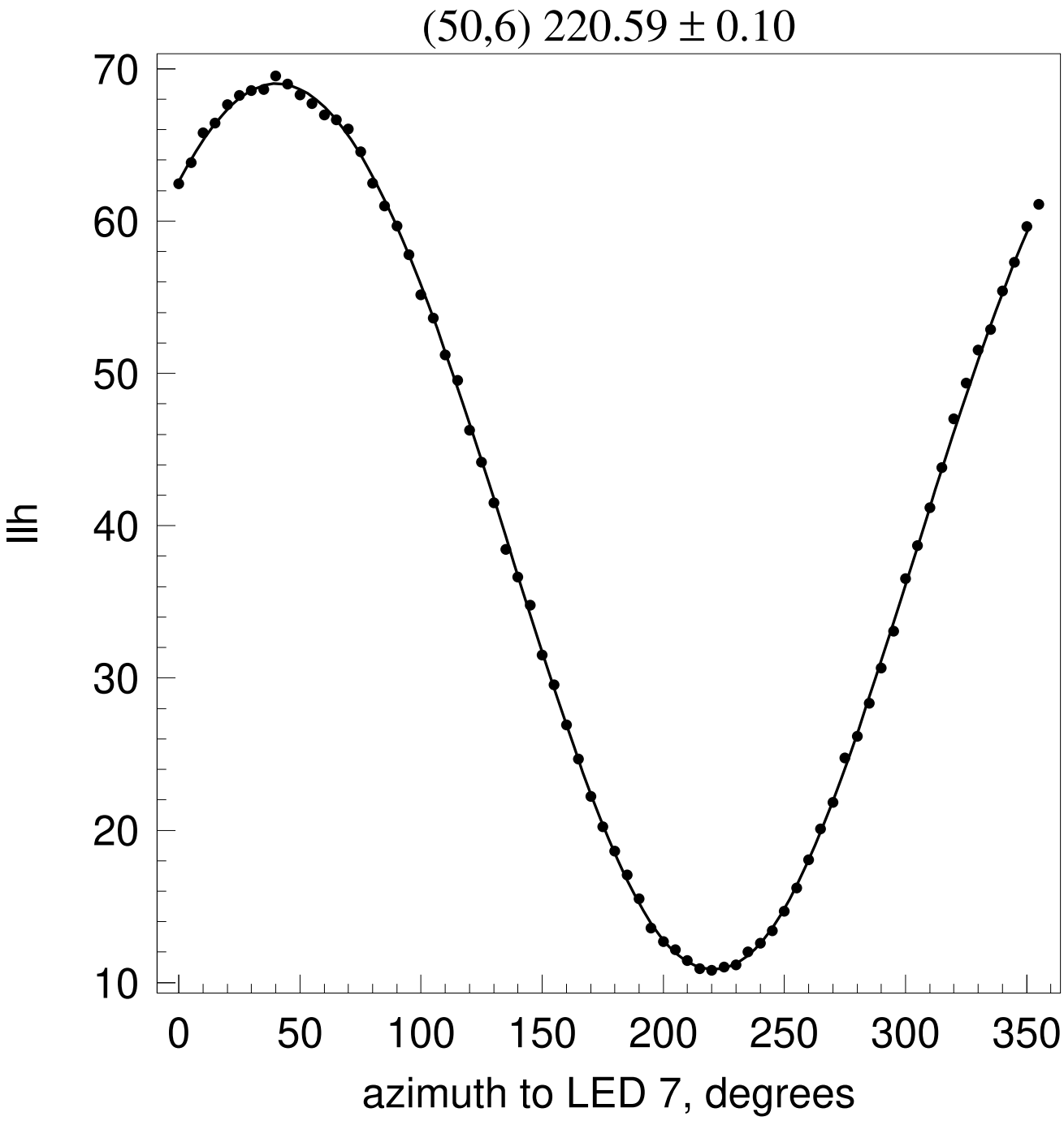

(50,1) 241.95 ± 0.27
28
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

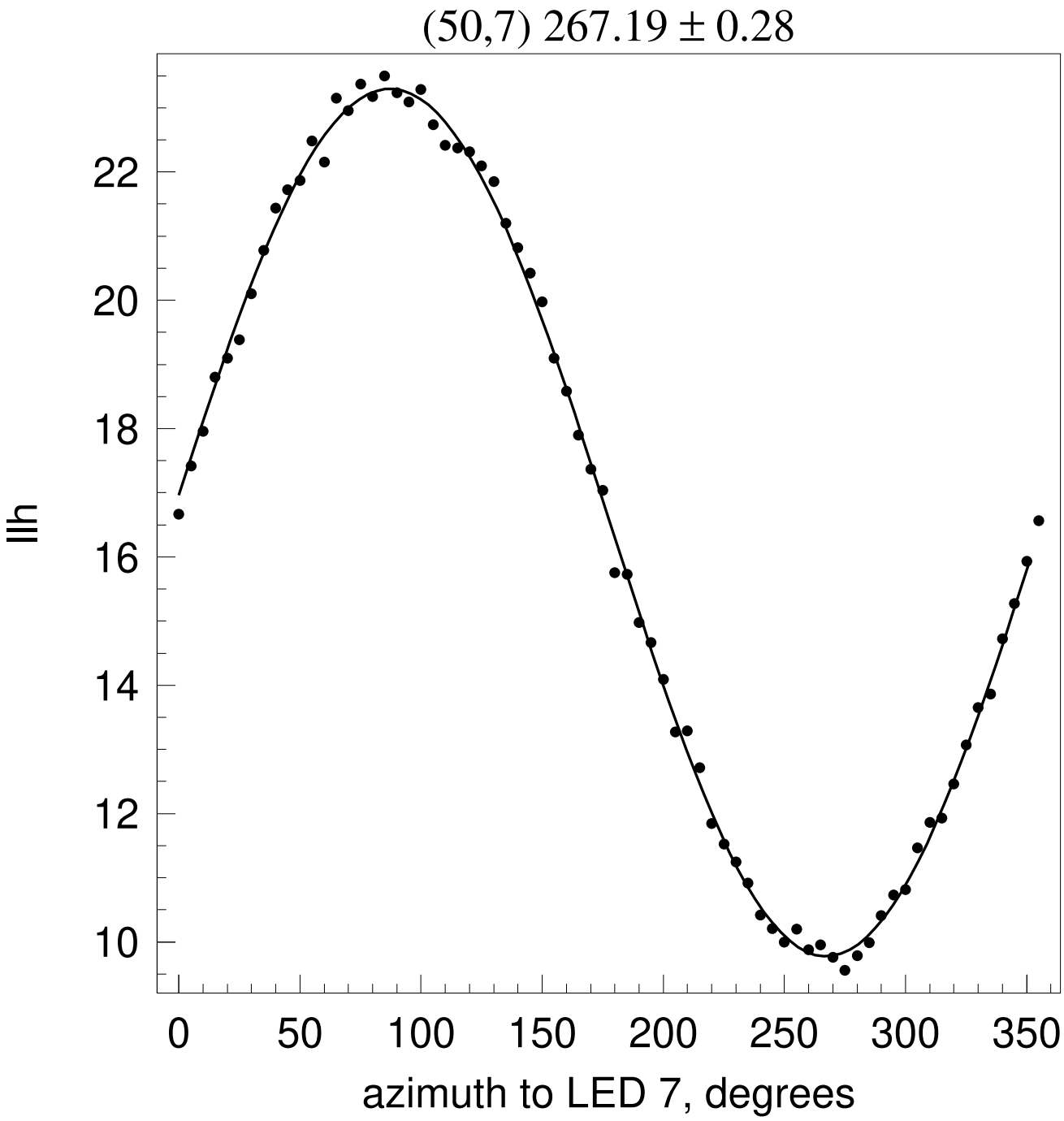

(50,2) 253.82 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

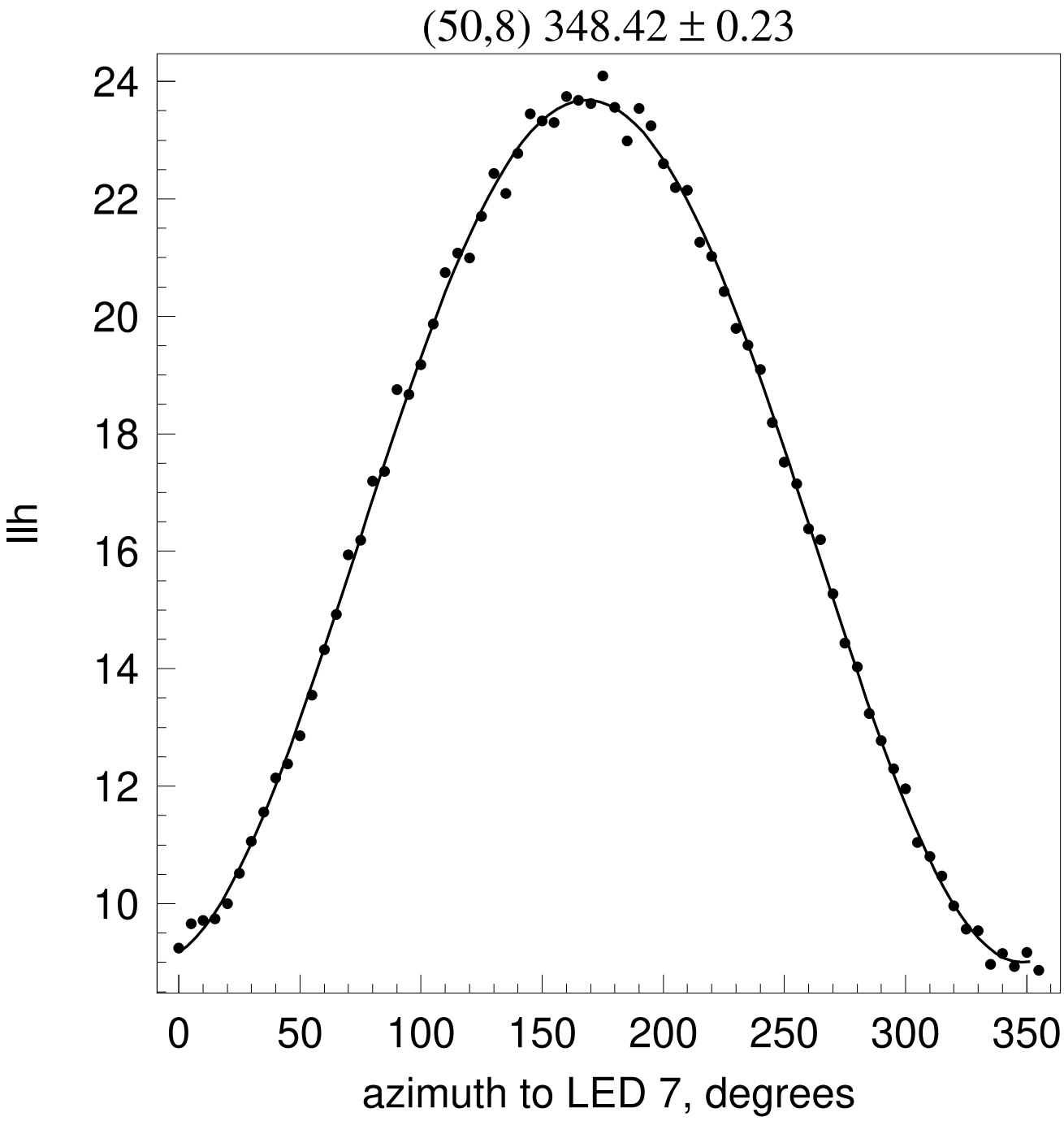

(50,3) 176.04 ± 0.29
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

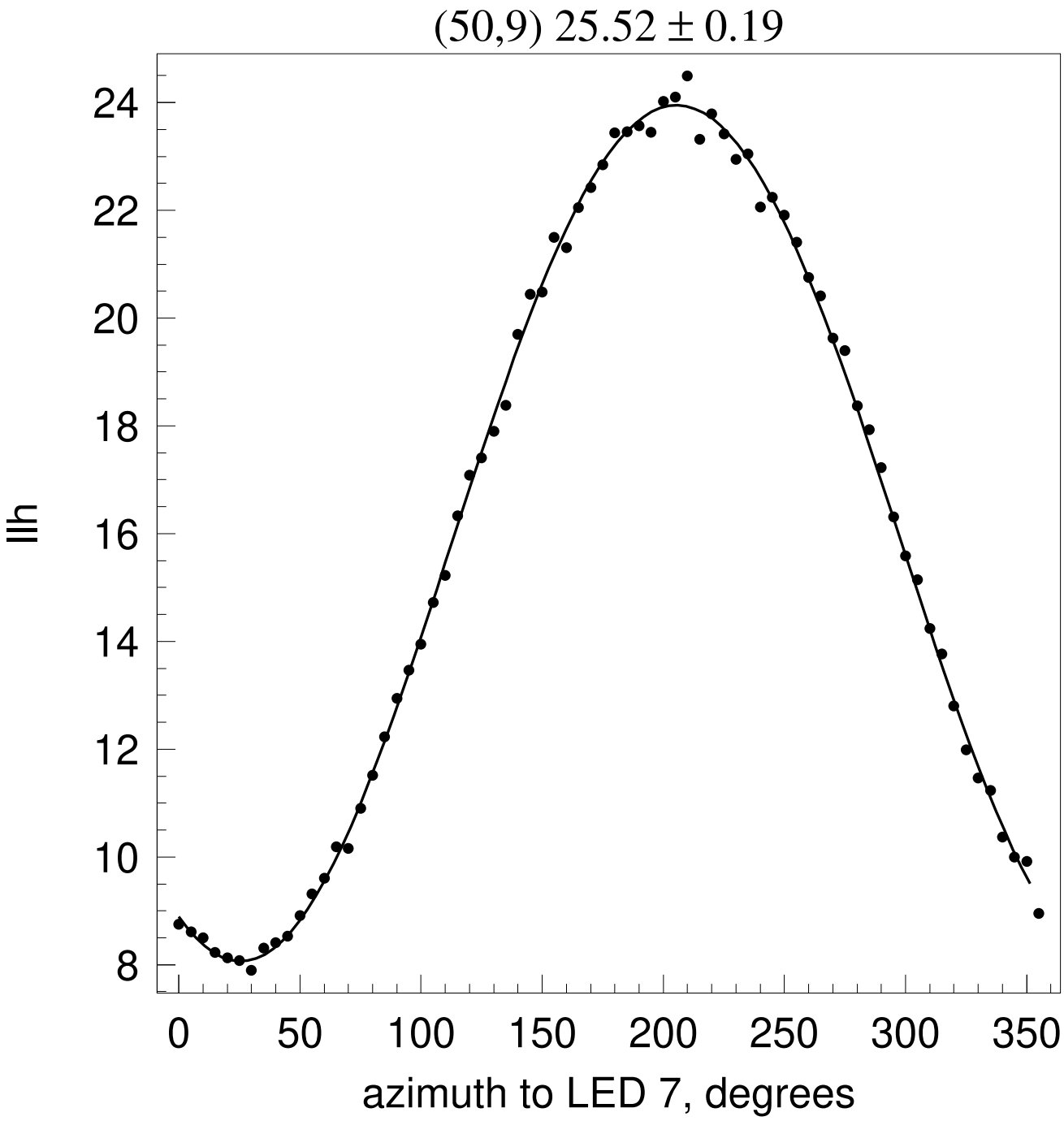

(50,4) 213.36 ± 0.09
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

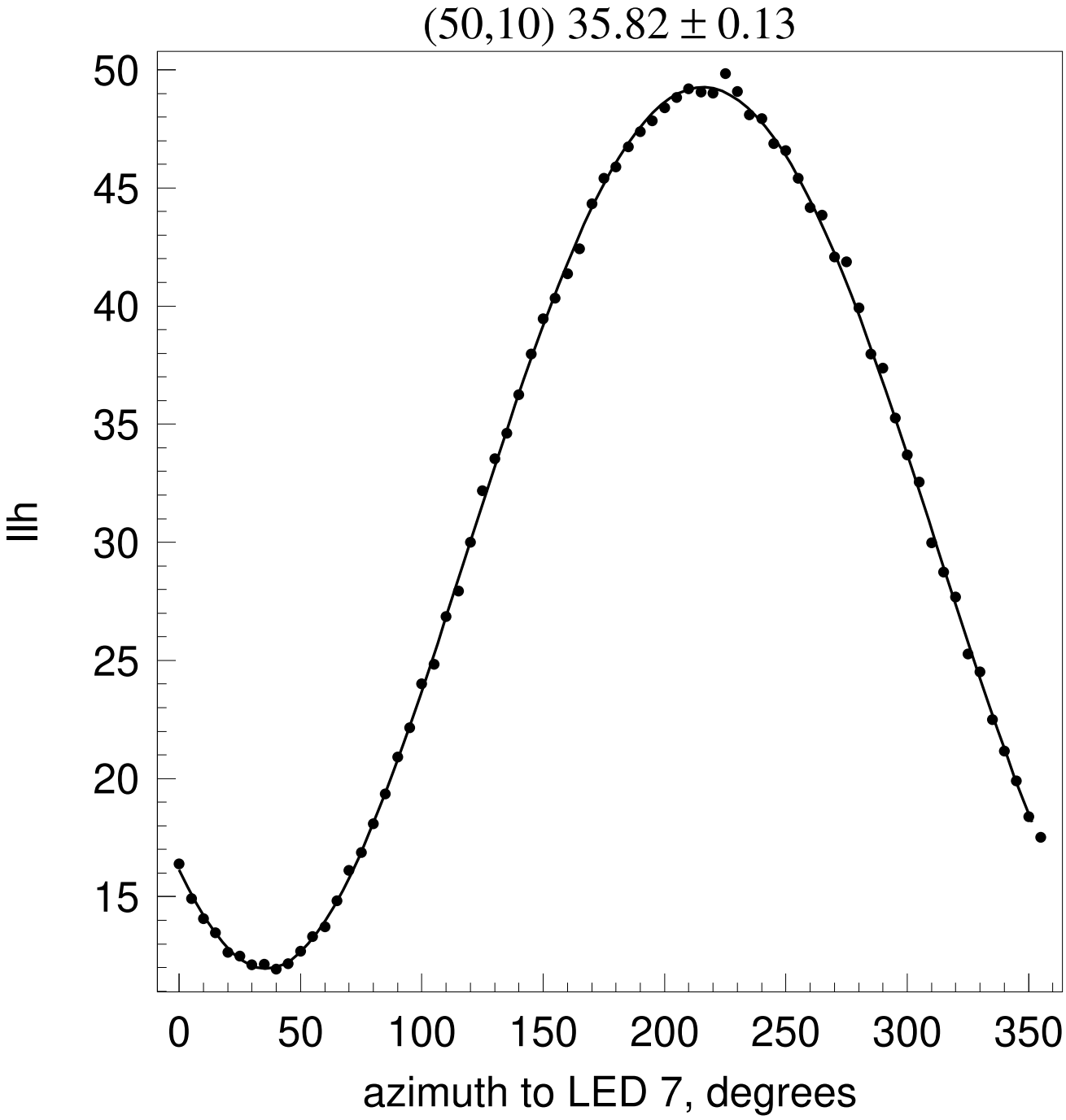

(50,5) 108.31 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

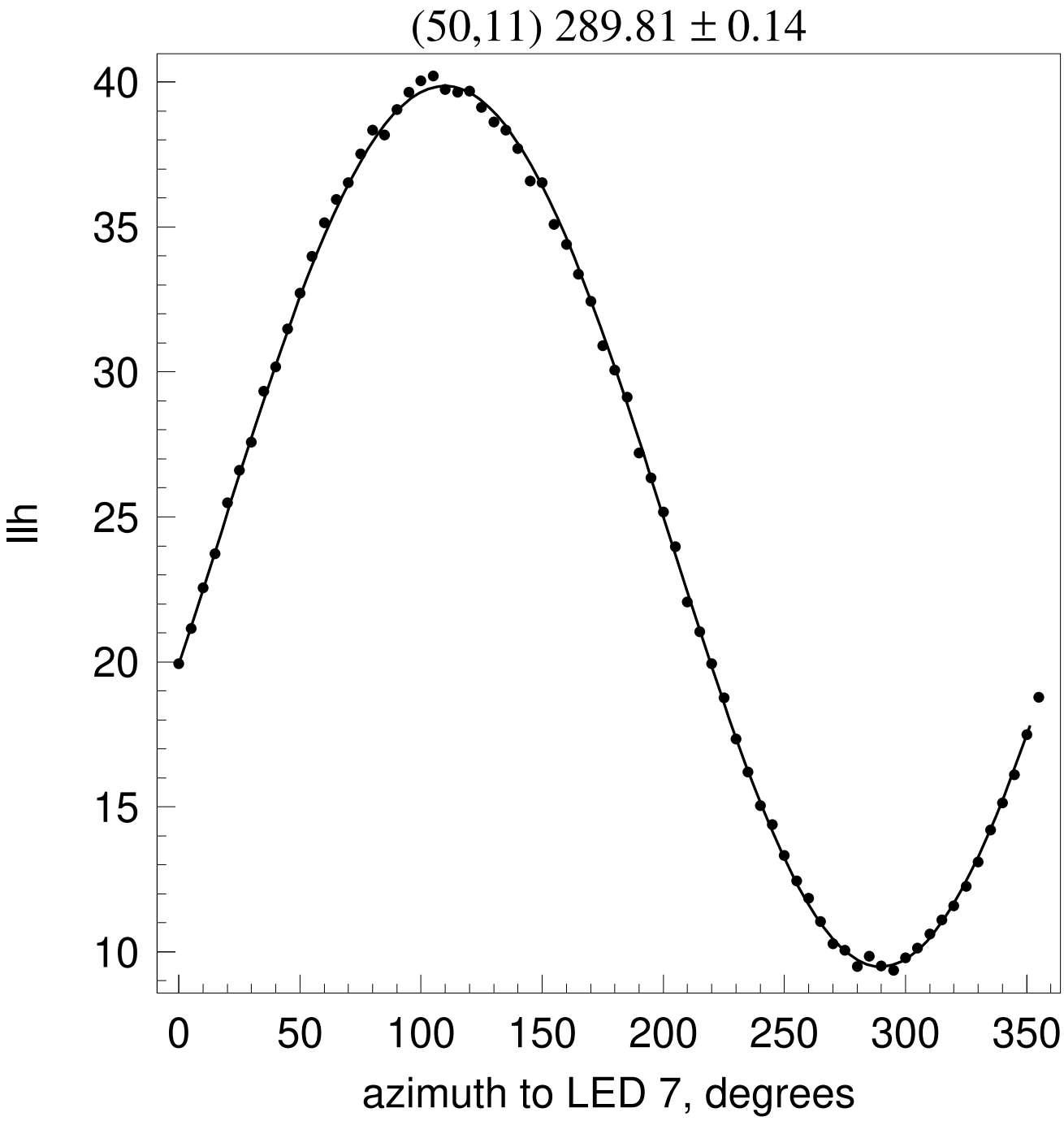

(50,6) 220.59 ± 0.10
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

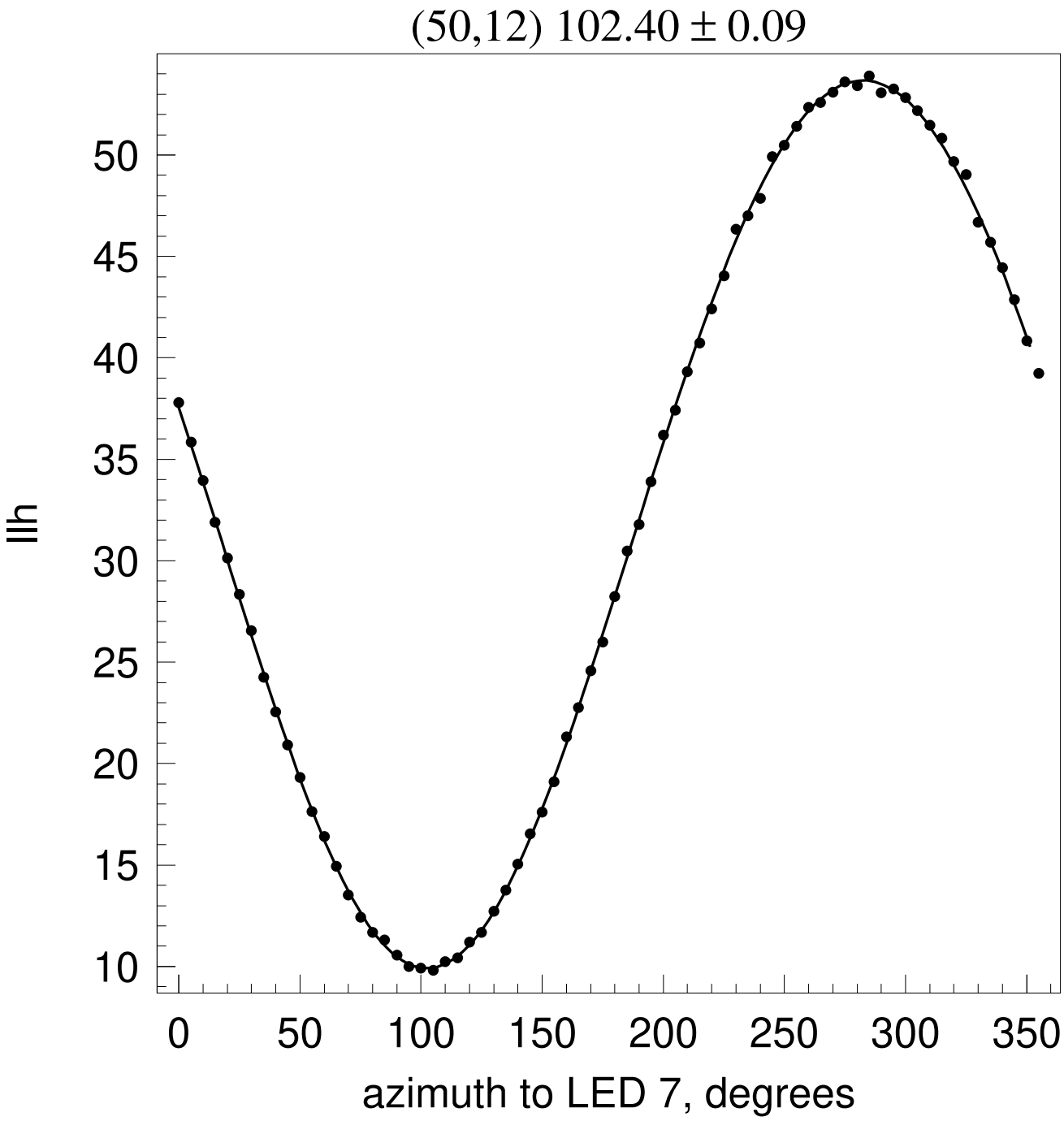

(50,7) 267.19 ± 0.28
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

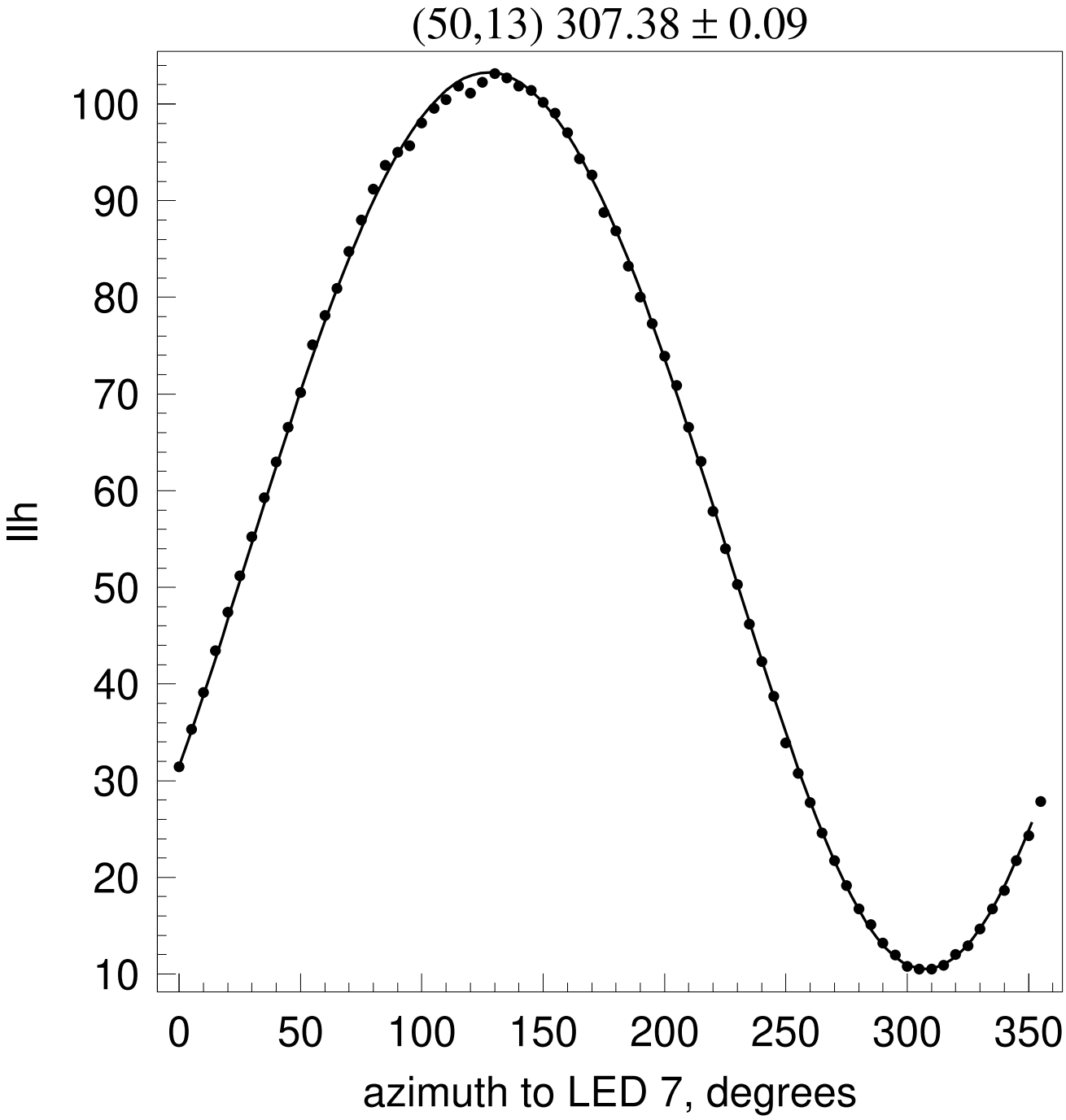

(50,8) 348.42 ± 0.23
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

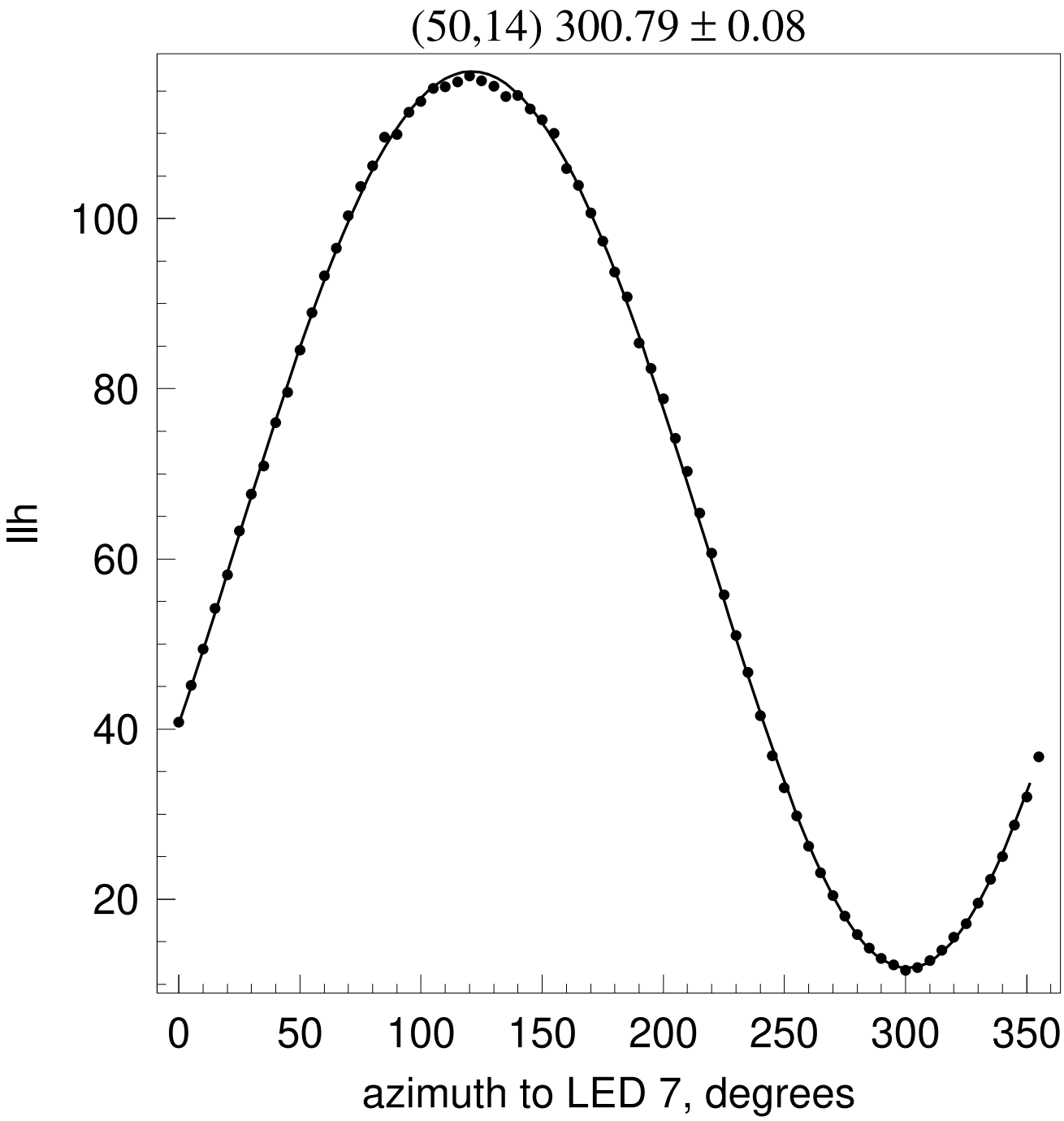

(50,9) 25.52 ± 0.19
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

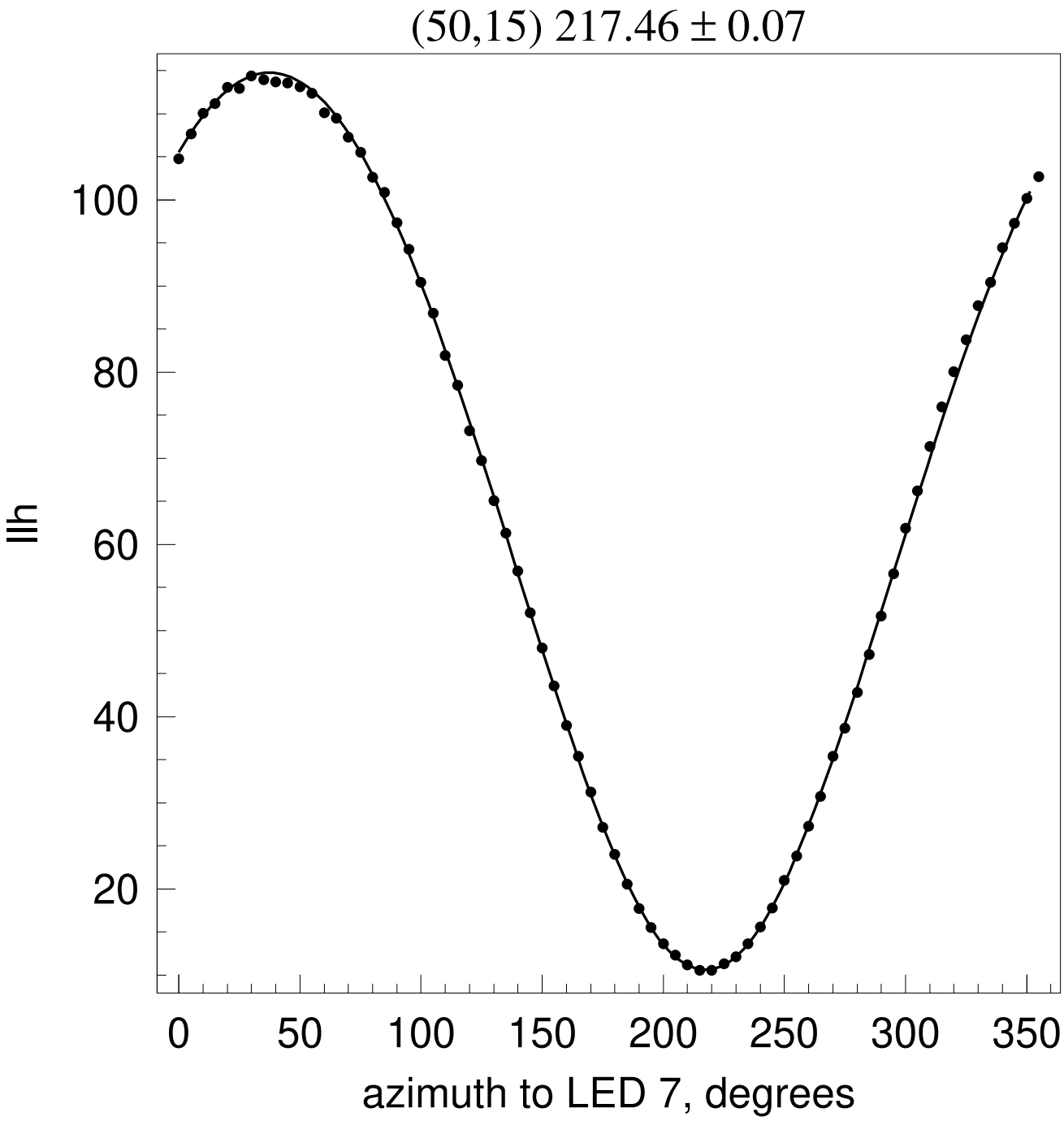

(50,10) 35.82 ± 0.13
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

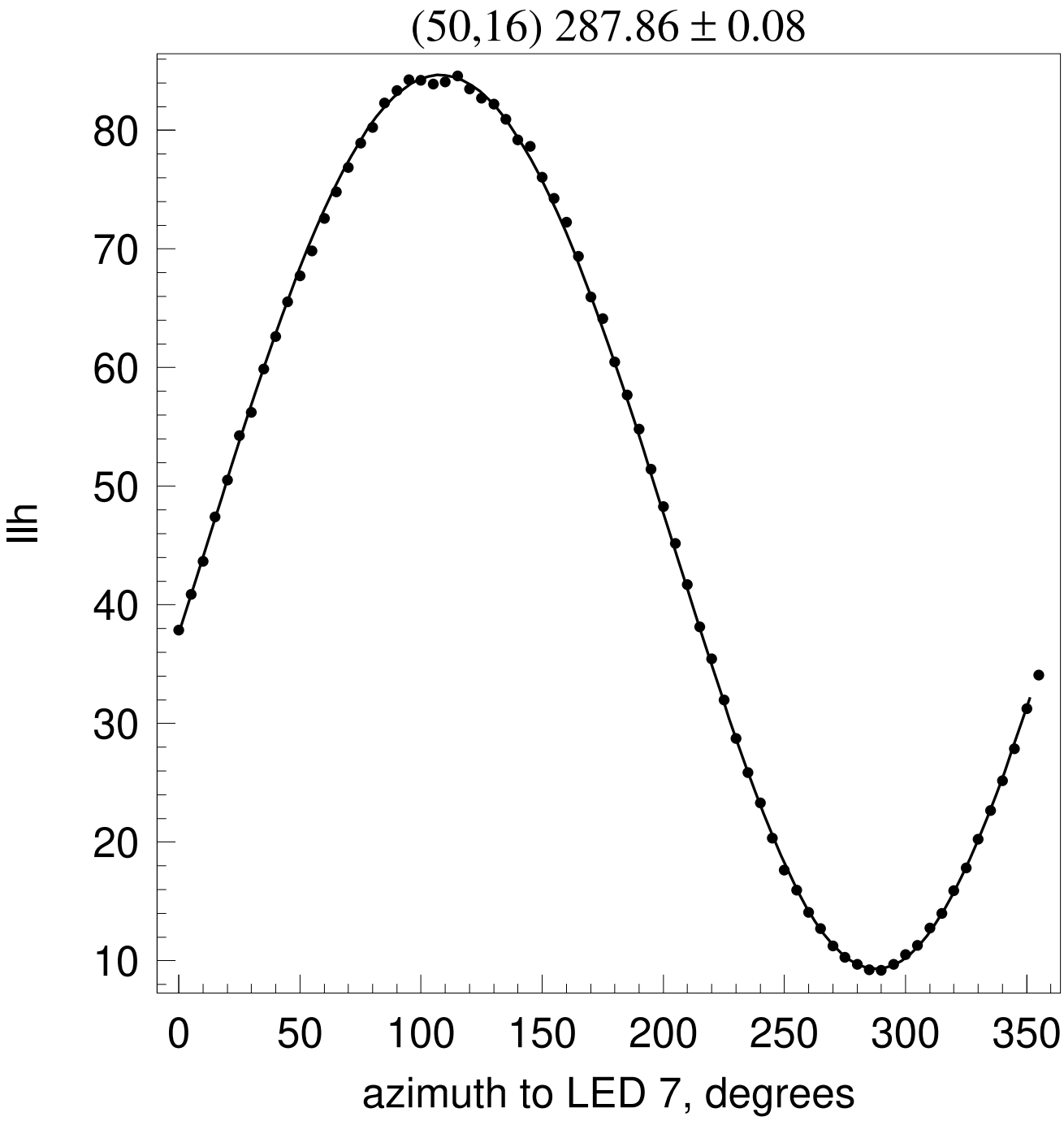

(50,11) 289.81 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

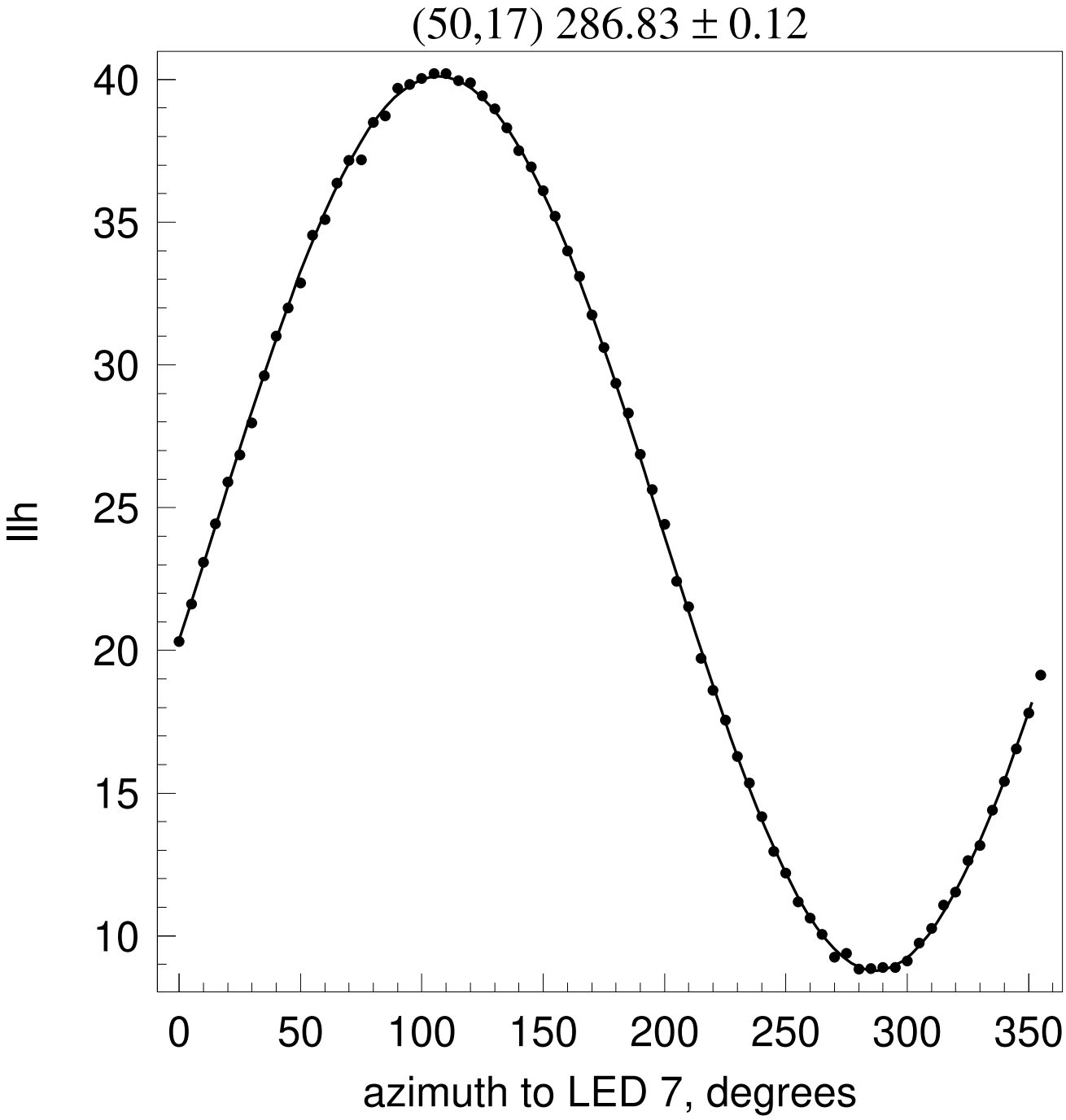

(50,12) 102.40 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

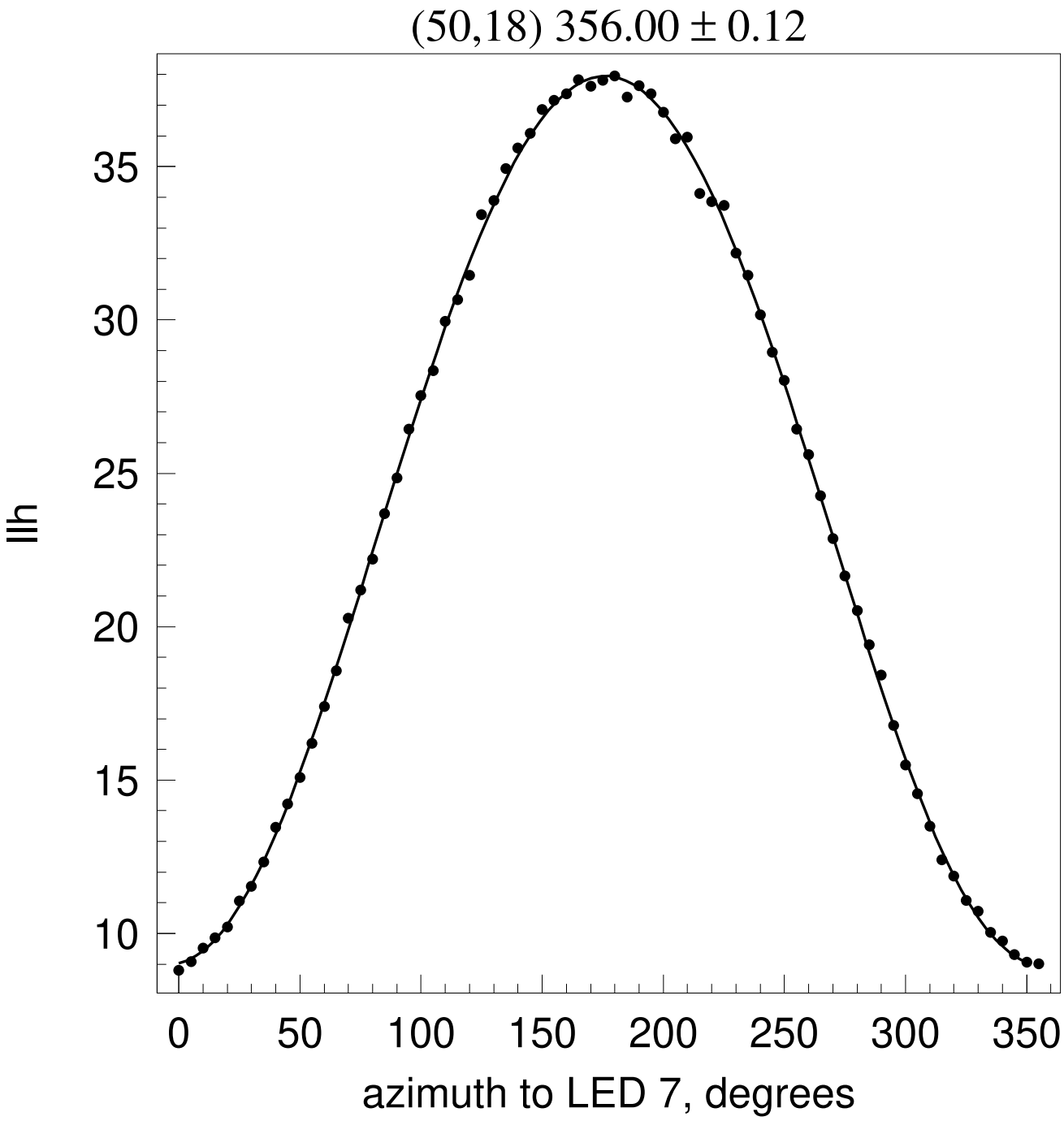

(50,13) 307.38 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

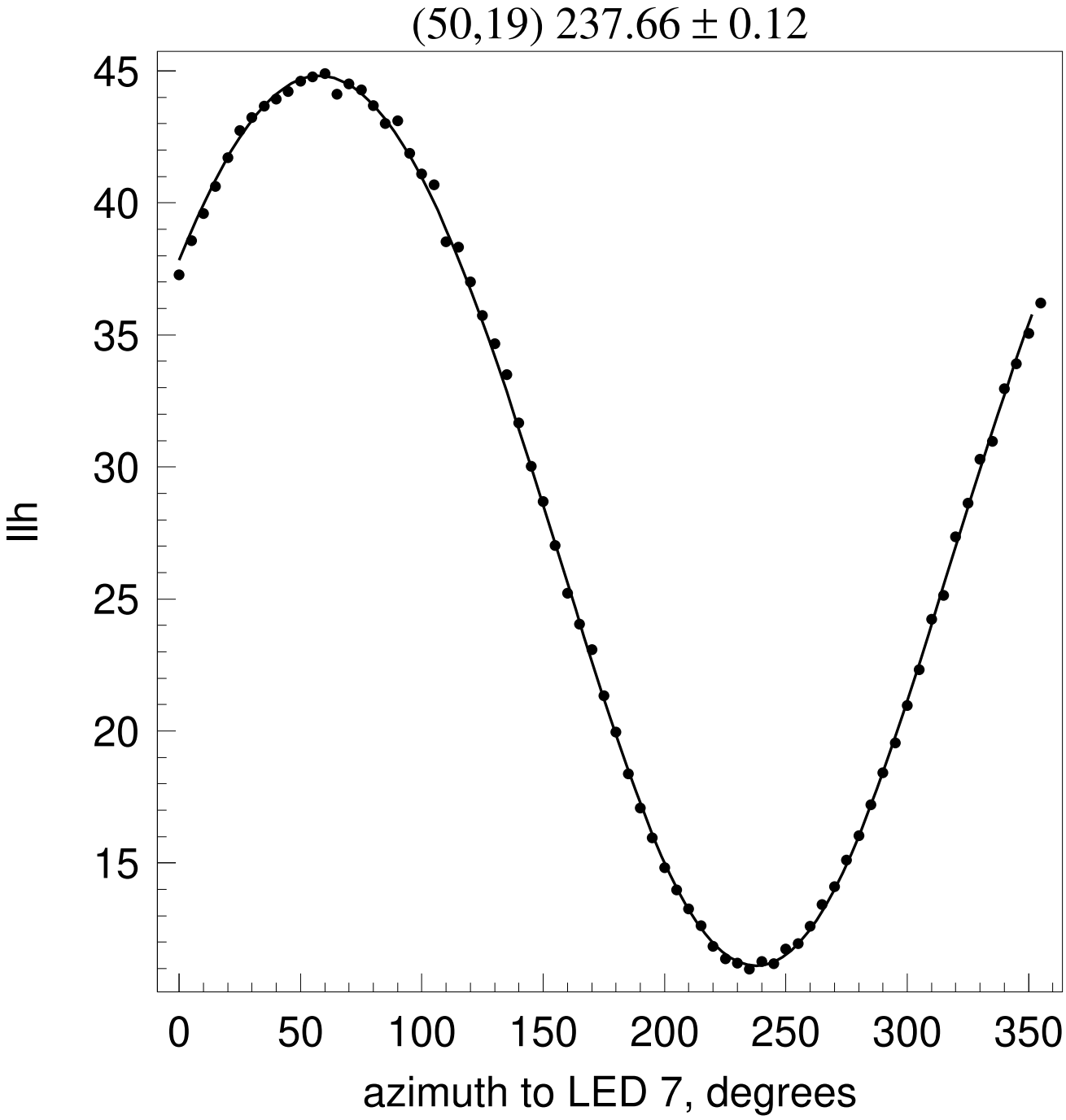

(50,14) 300.79 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

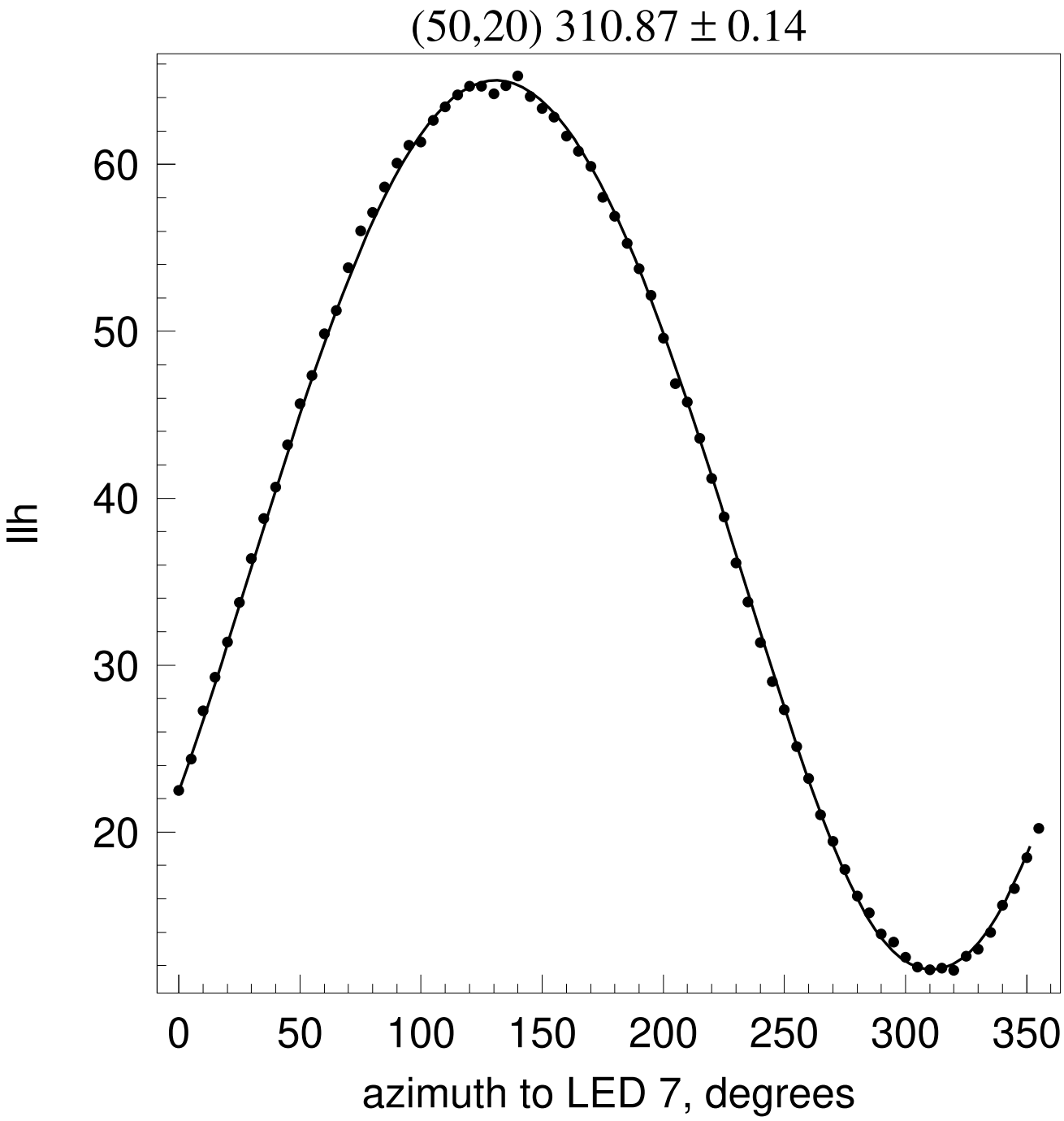

(50,15) 217.46 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

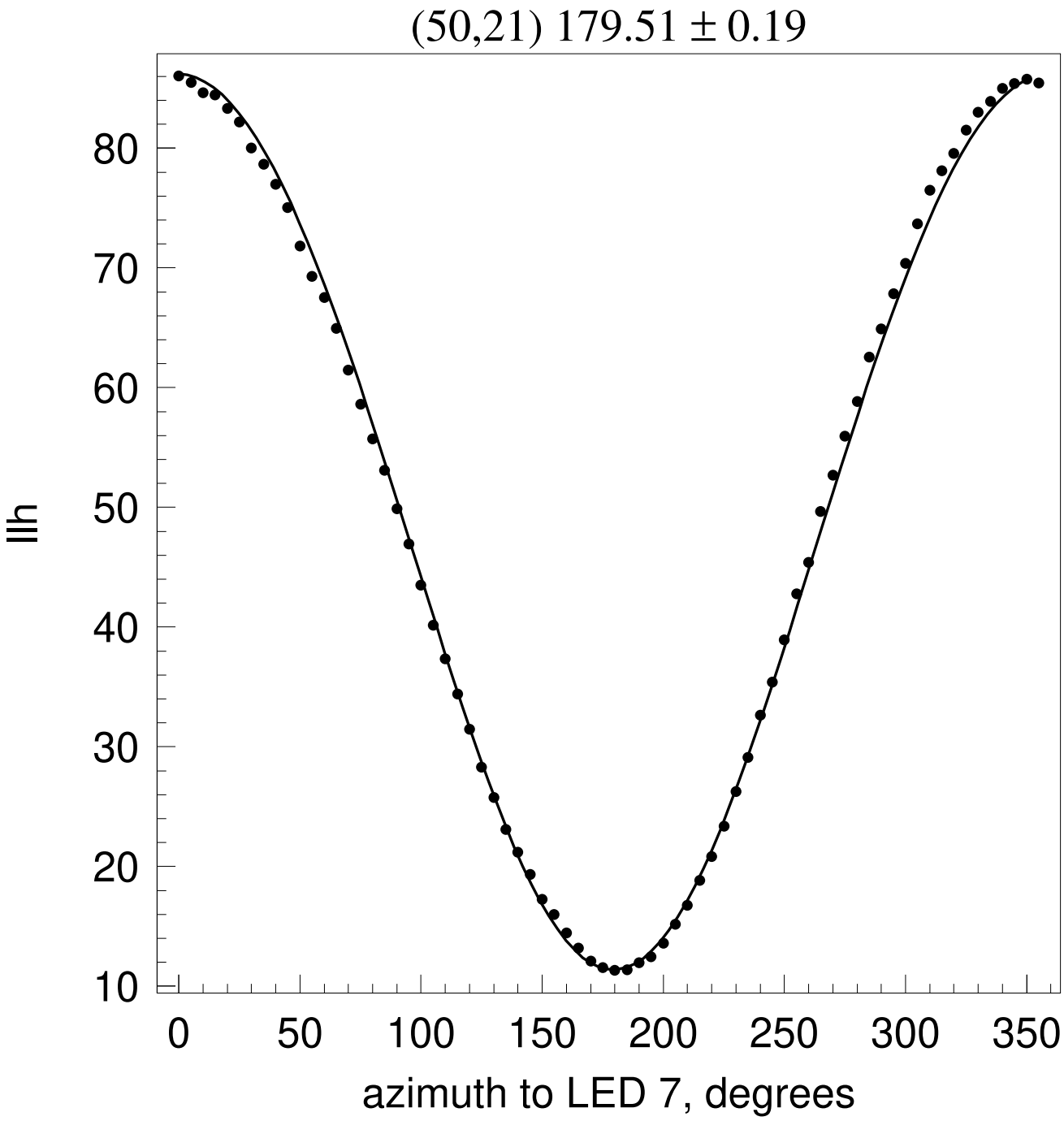

(50,16) 287.86 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

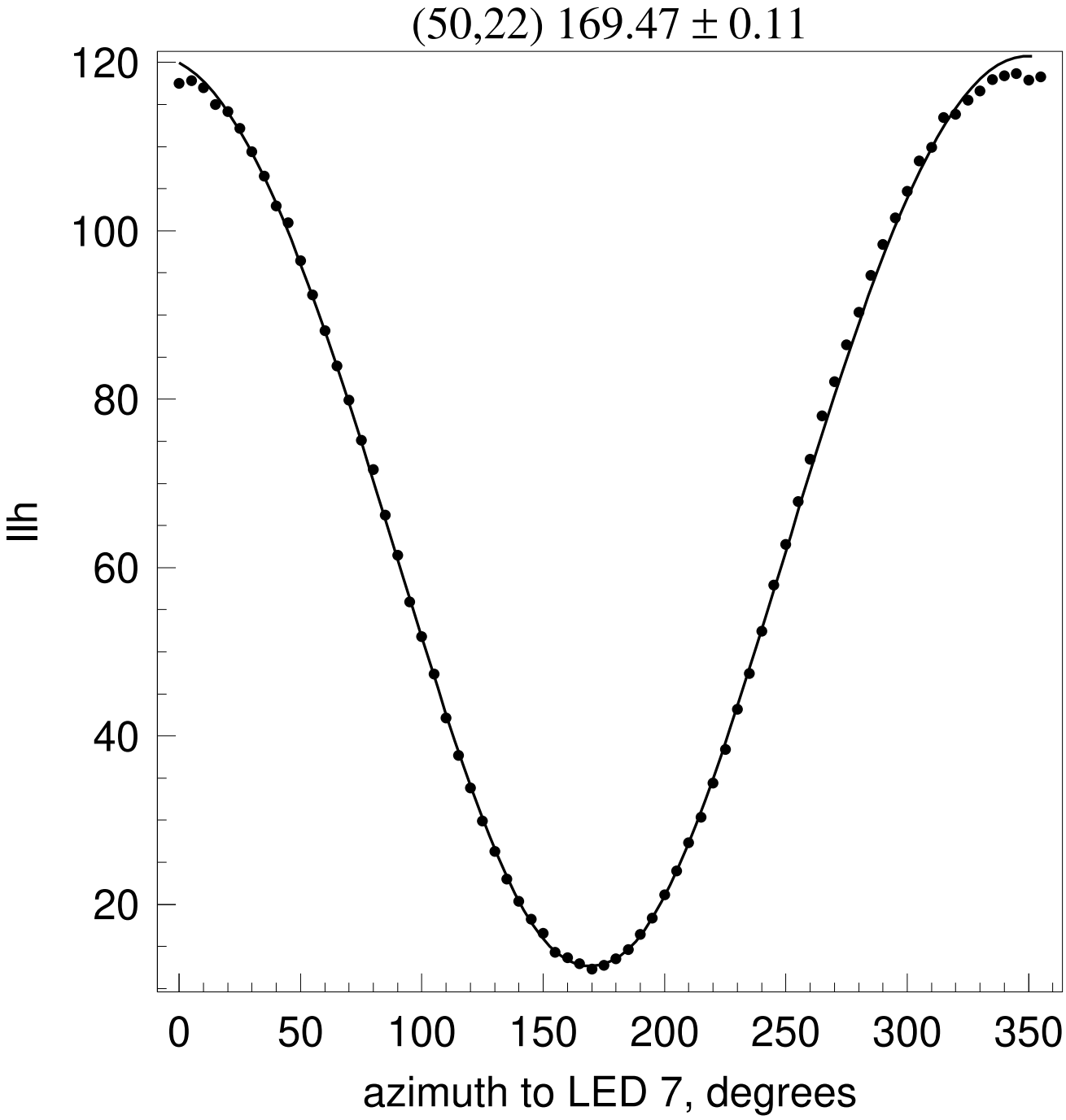

(50,17) 286.83 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

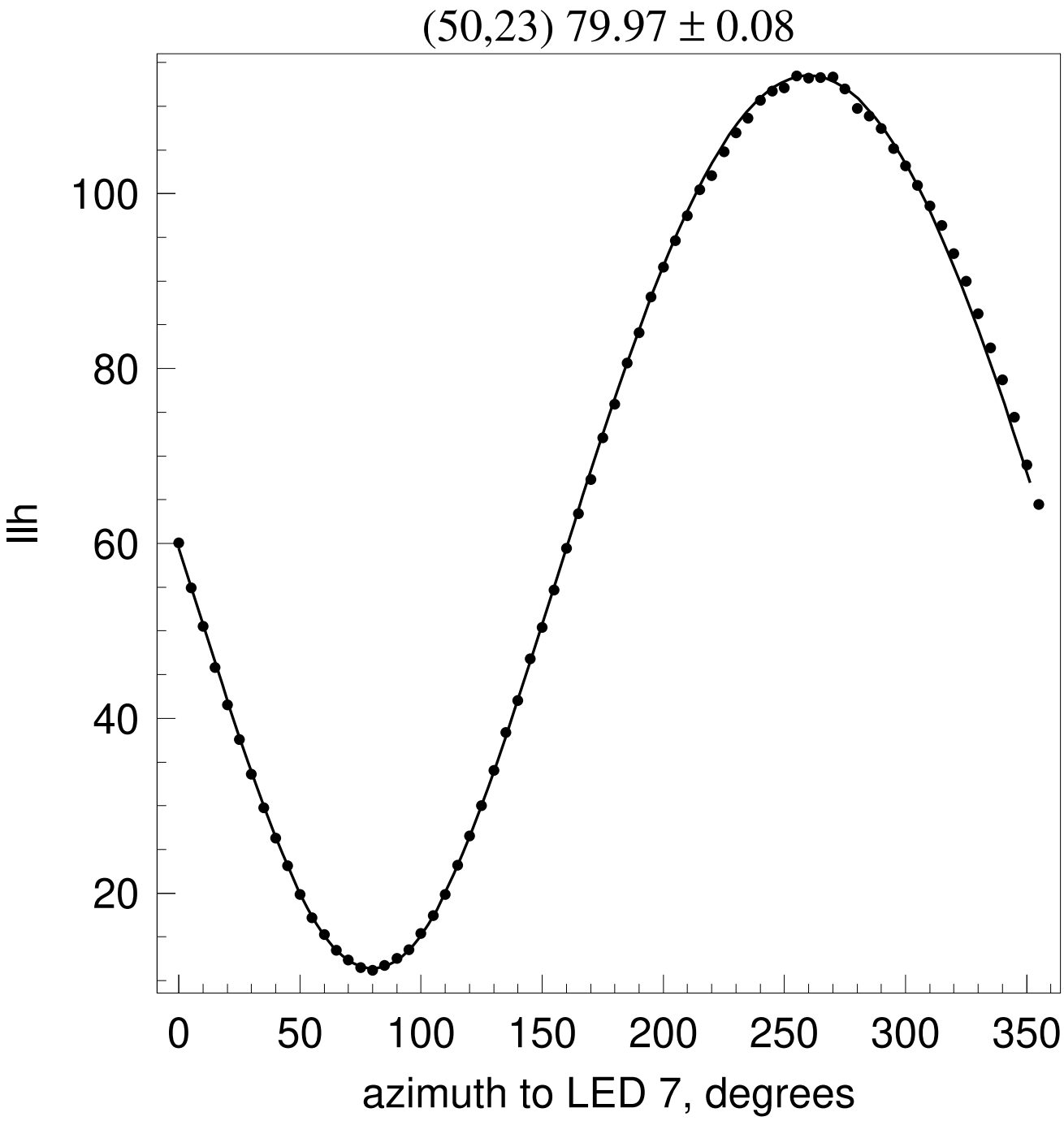

(50,18) 356.00 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

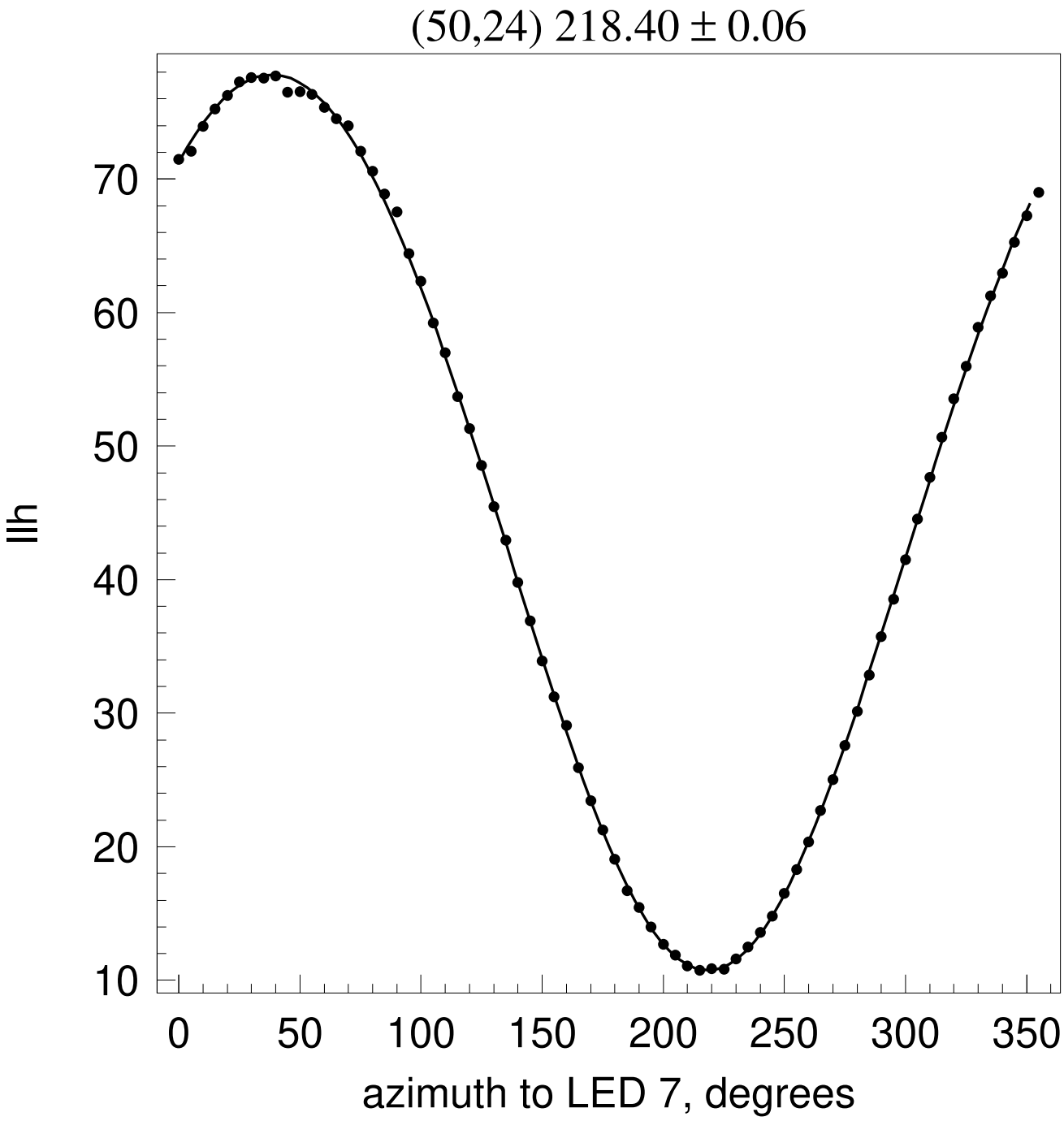

(50,19) 237.66 ± 0.12
45
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

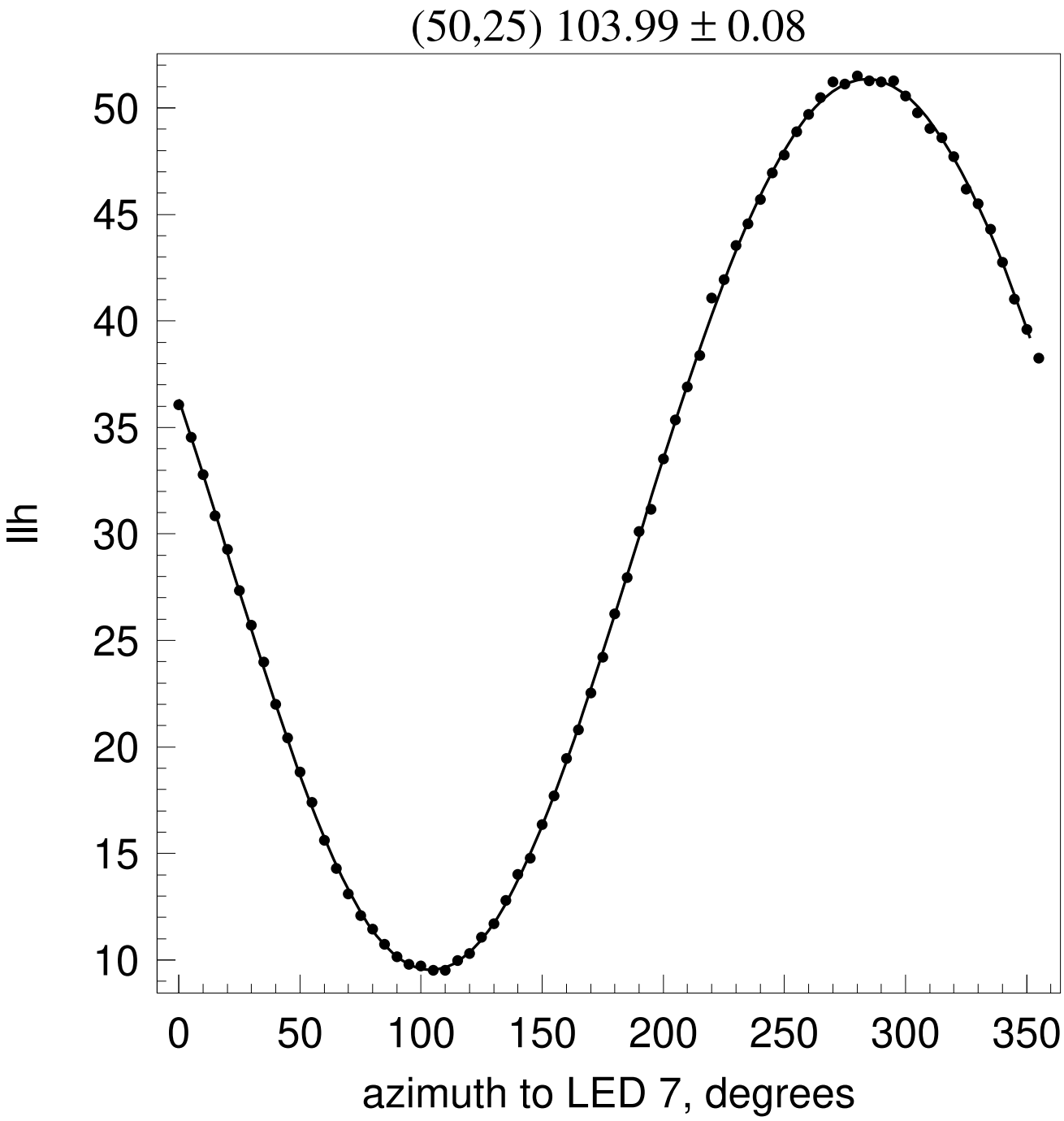

(50,20) 310.87 ± 0.14
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

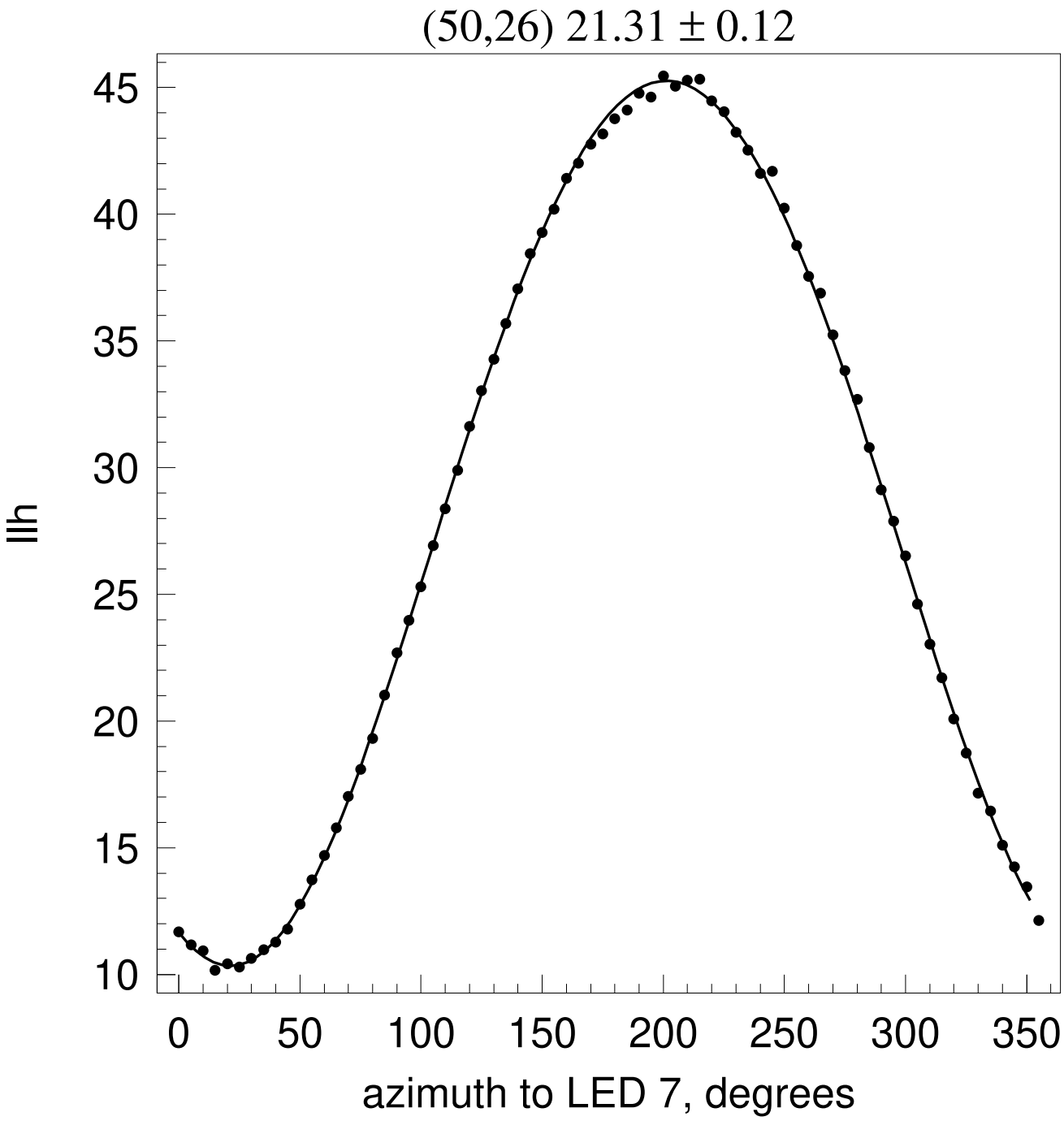

(50,21) 179.51 ± 0.19
80
70
60
50
40
30
20
10
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

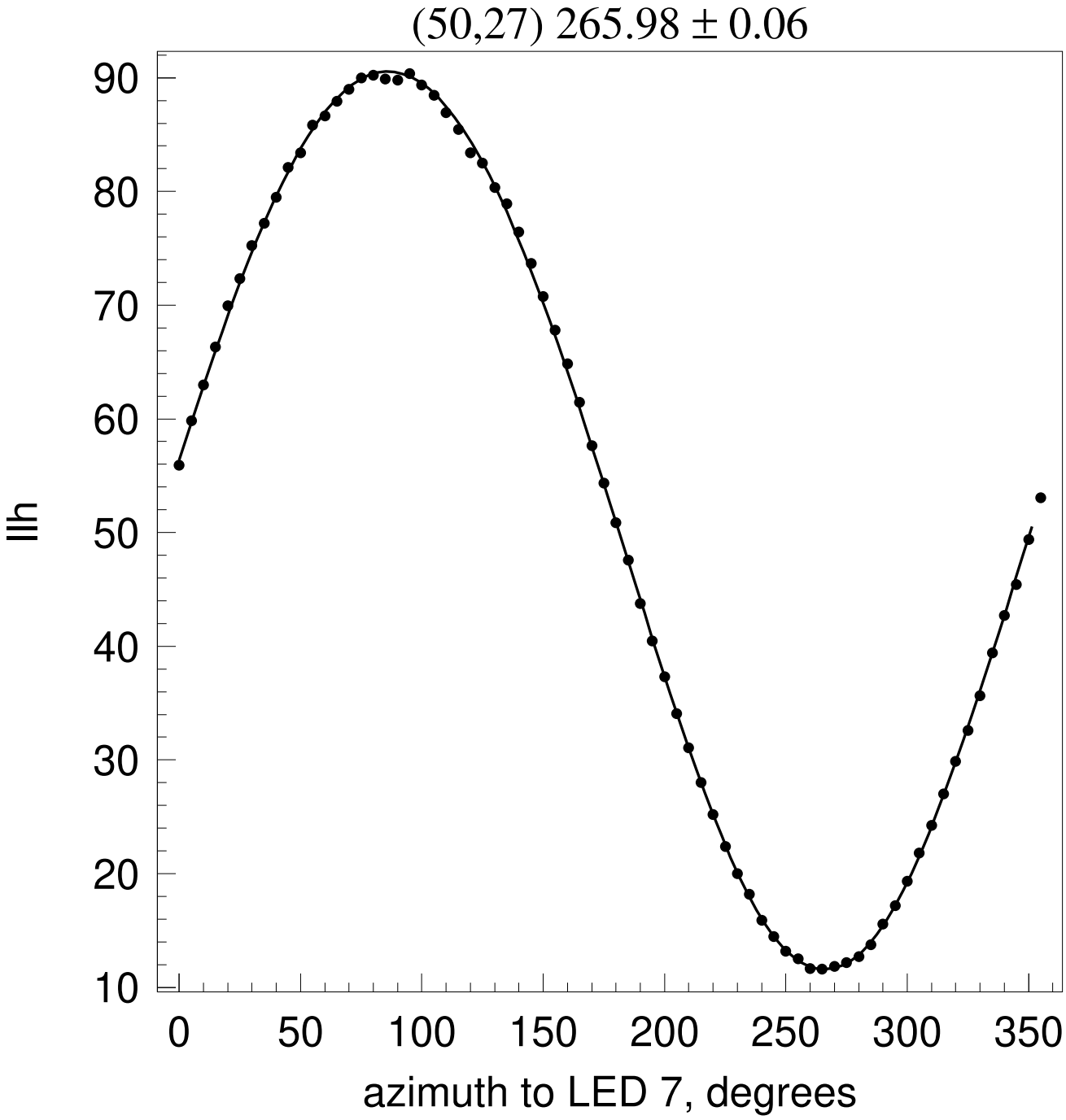

(50,22) 169.47 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

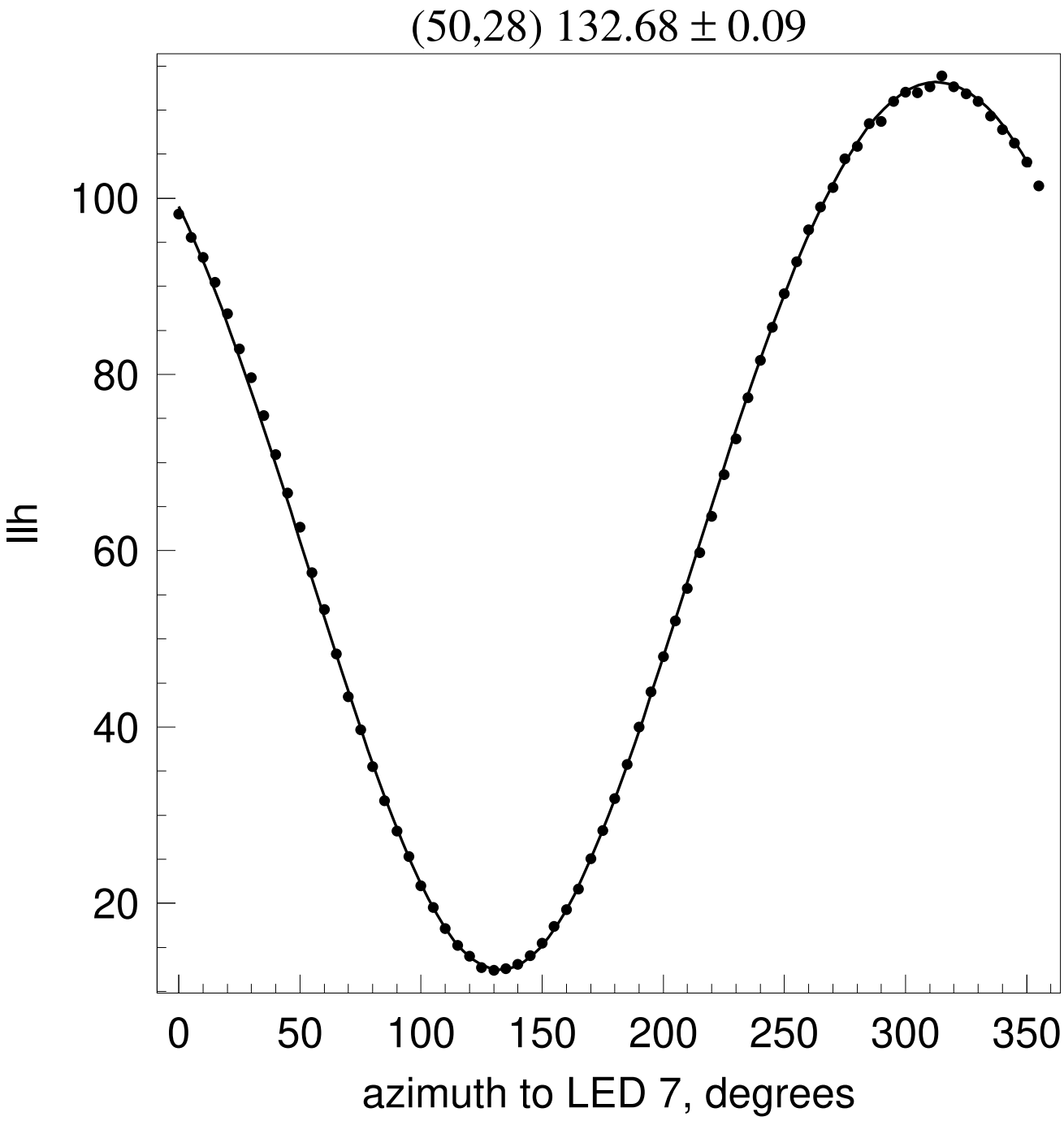

(50,23) 79.97 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

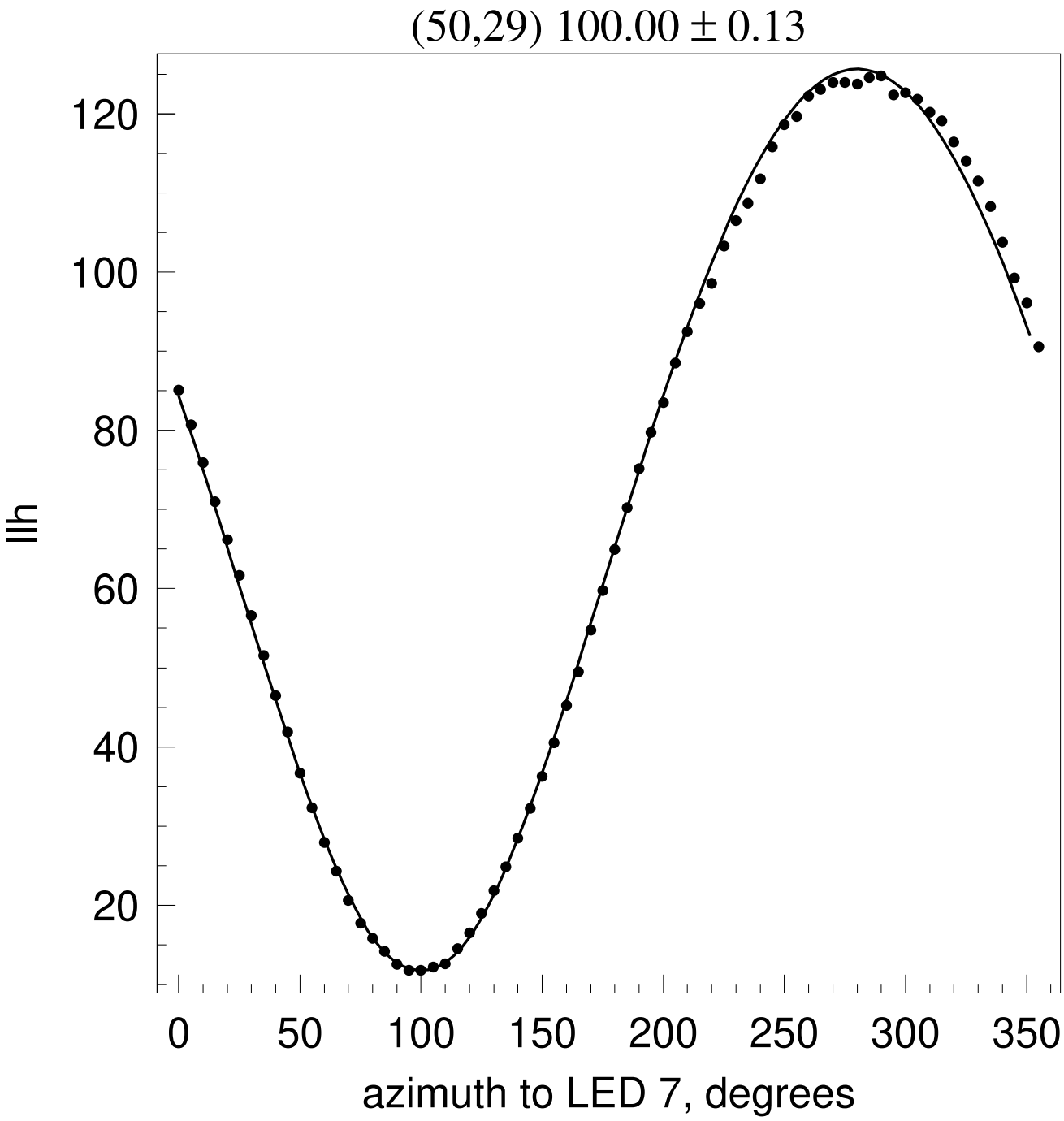

(50,24) 218.40 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

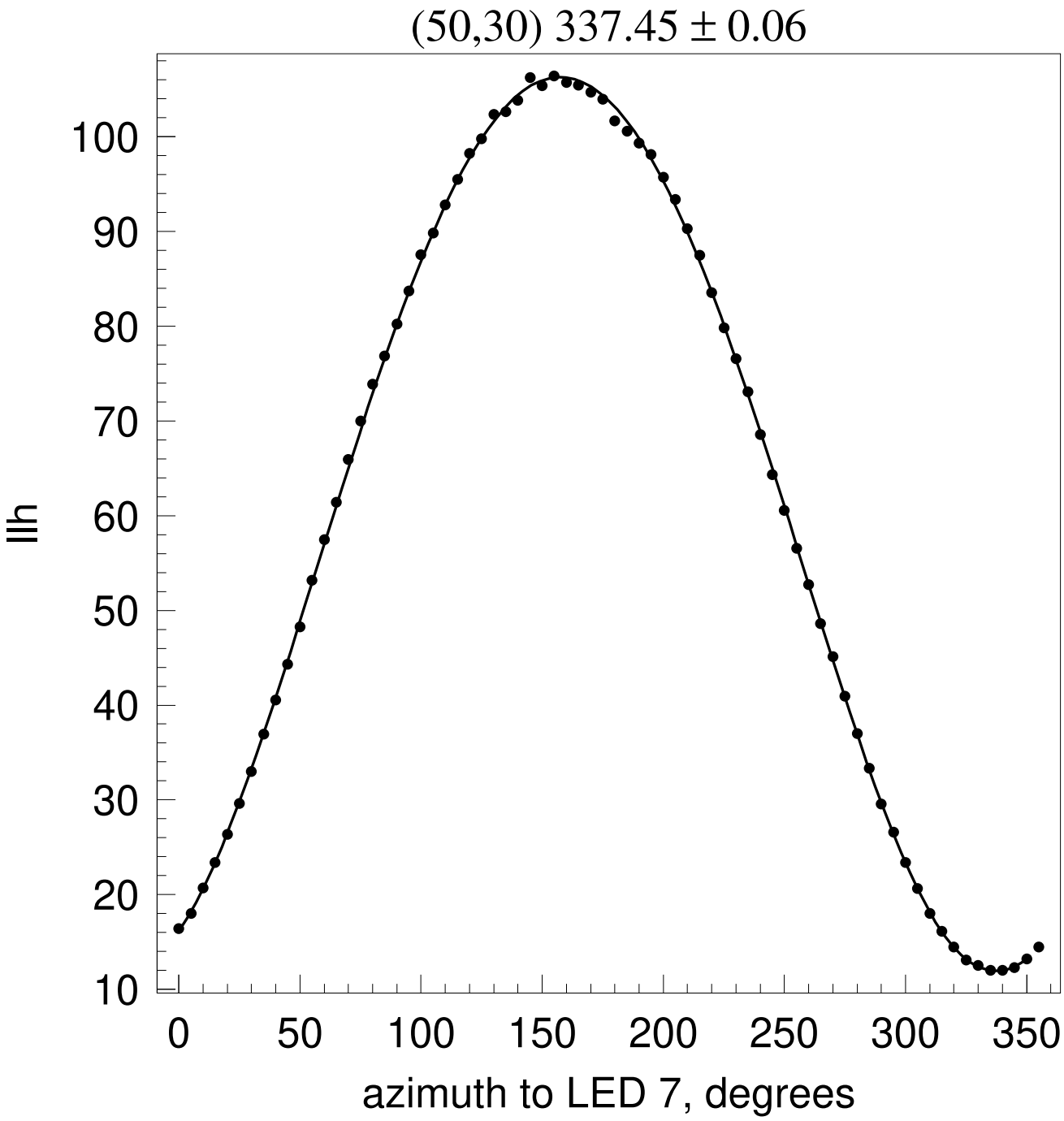

(50,25) 103.99 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

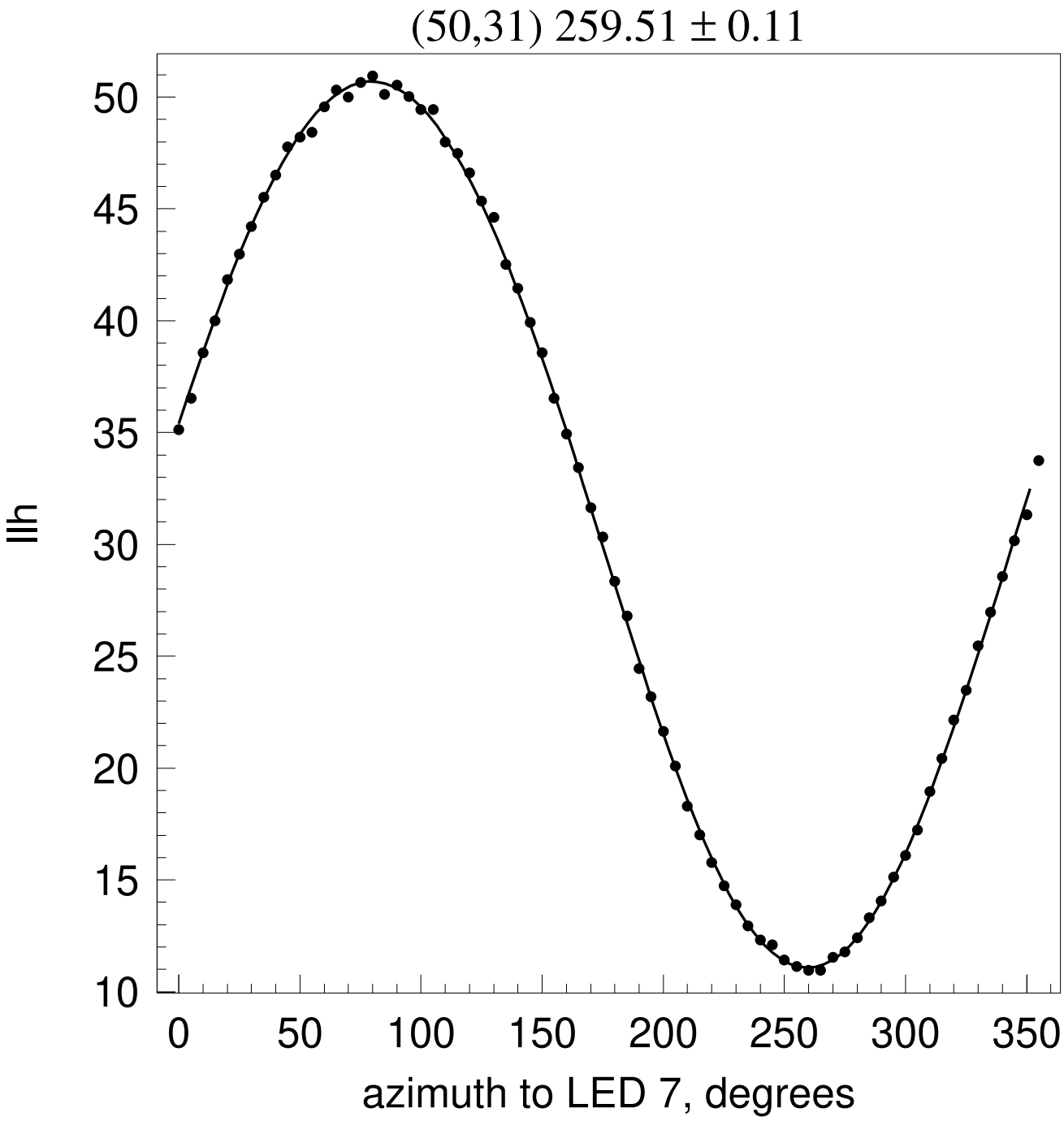

(50,26) 21.31 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

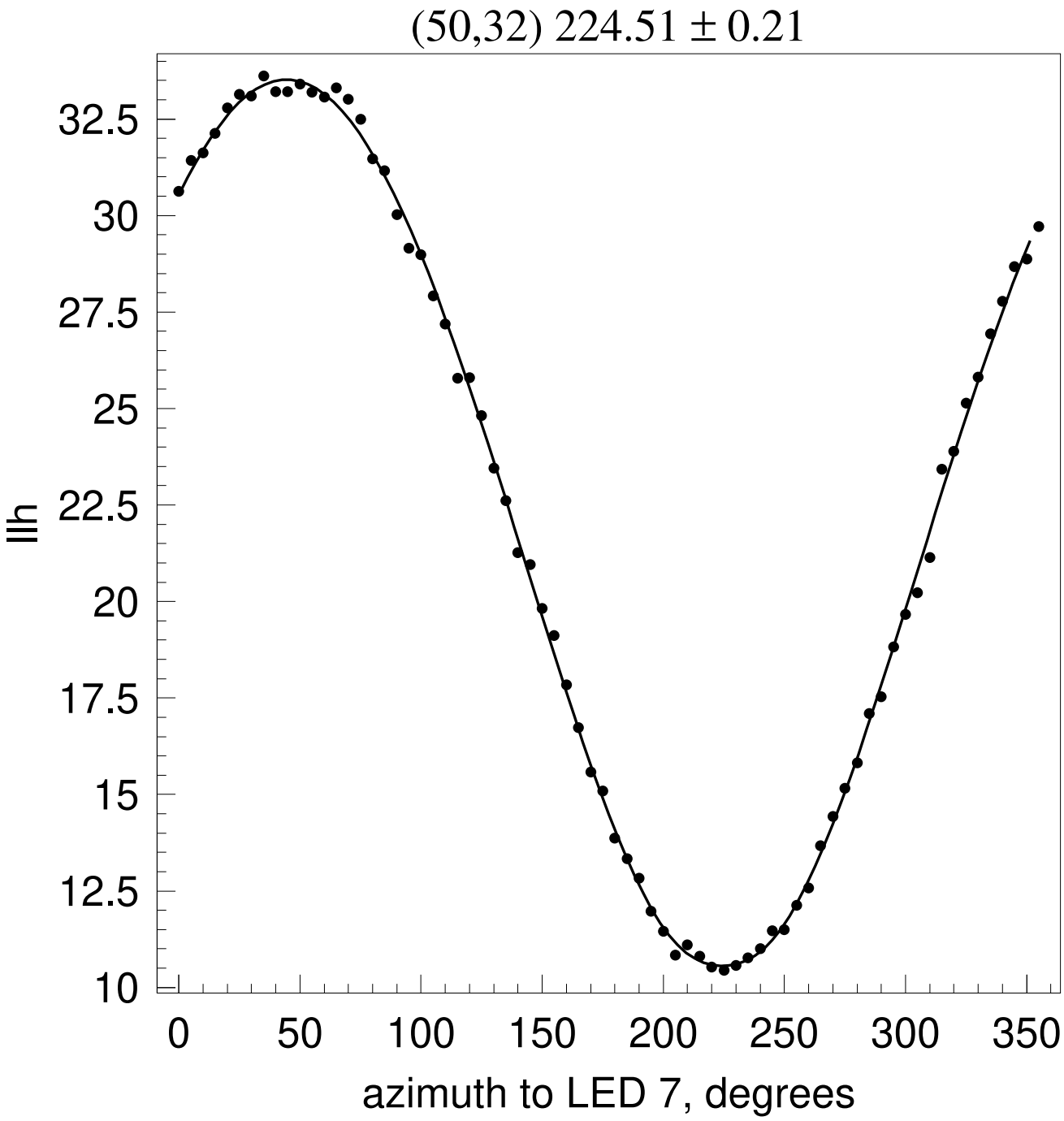

(50,27) 265.98 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

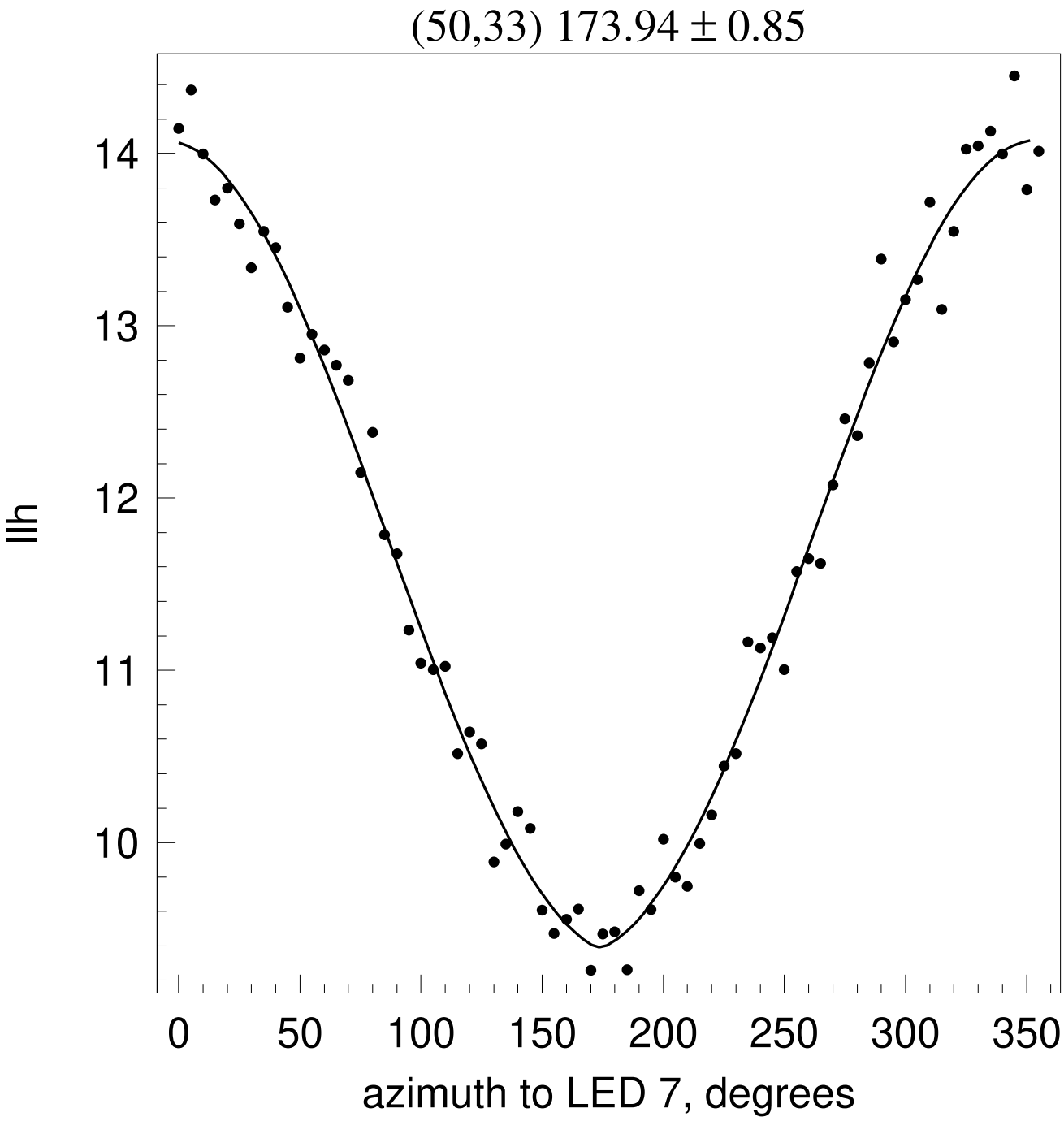

(50,28) 132.68 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

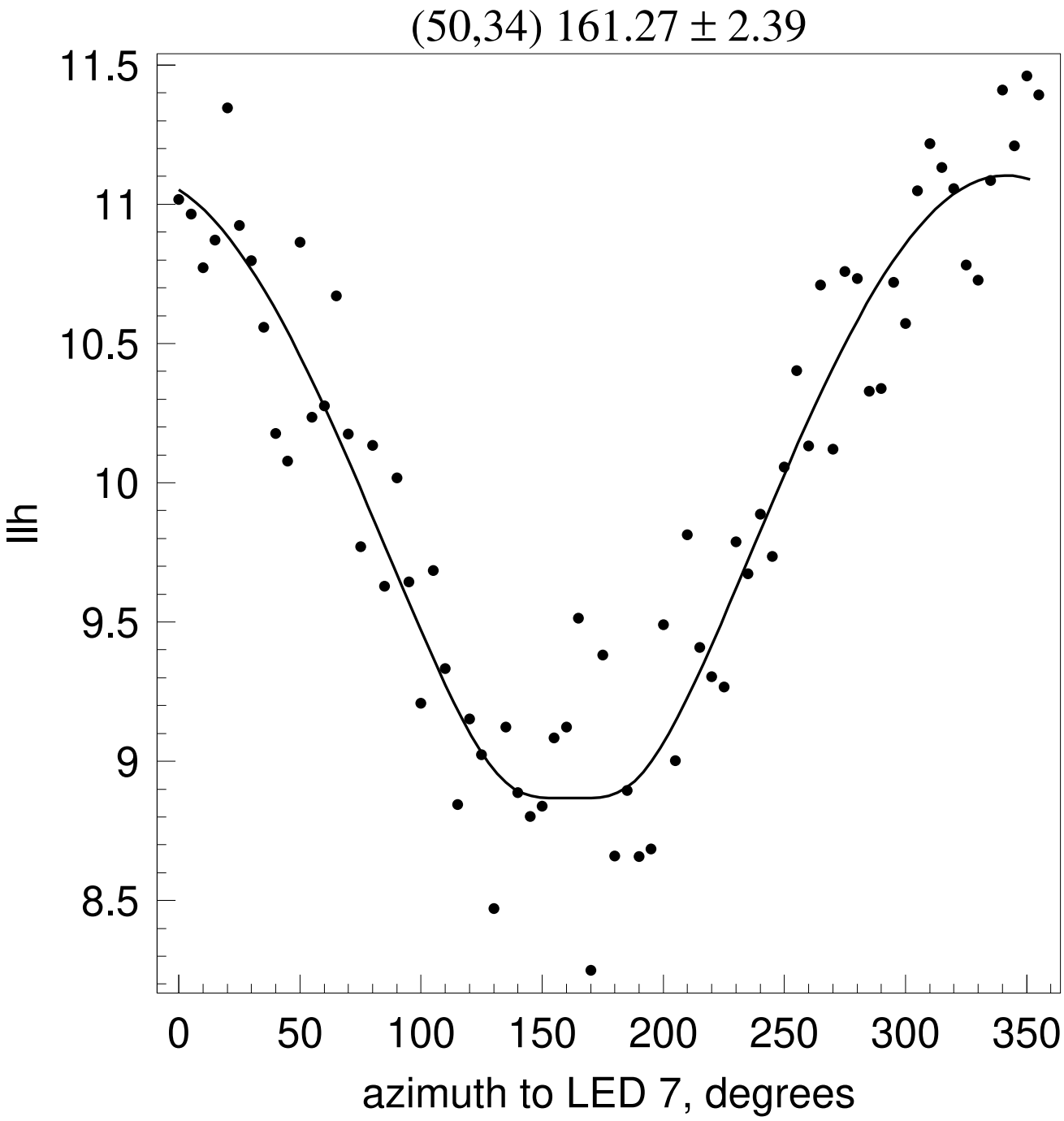

(50,29) 100.00 ± 0.13
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

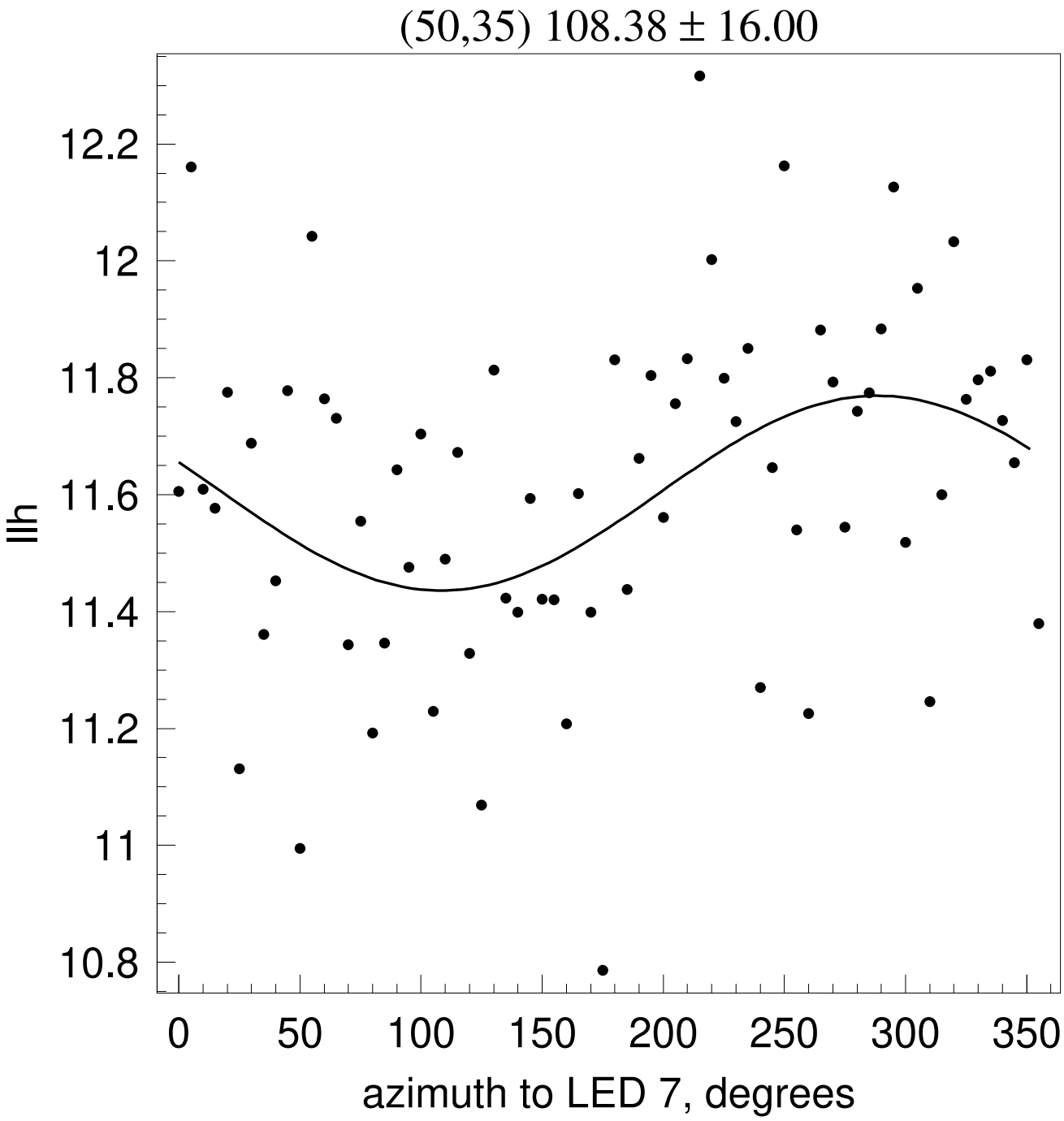

(50,30) 337.45 ± 0.06
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

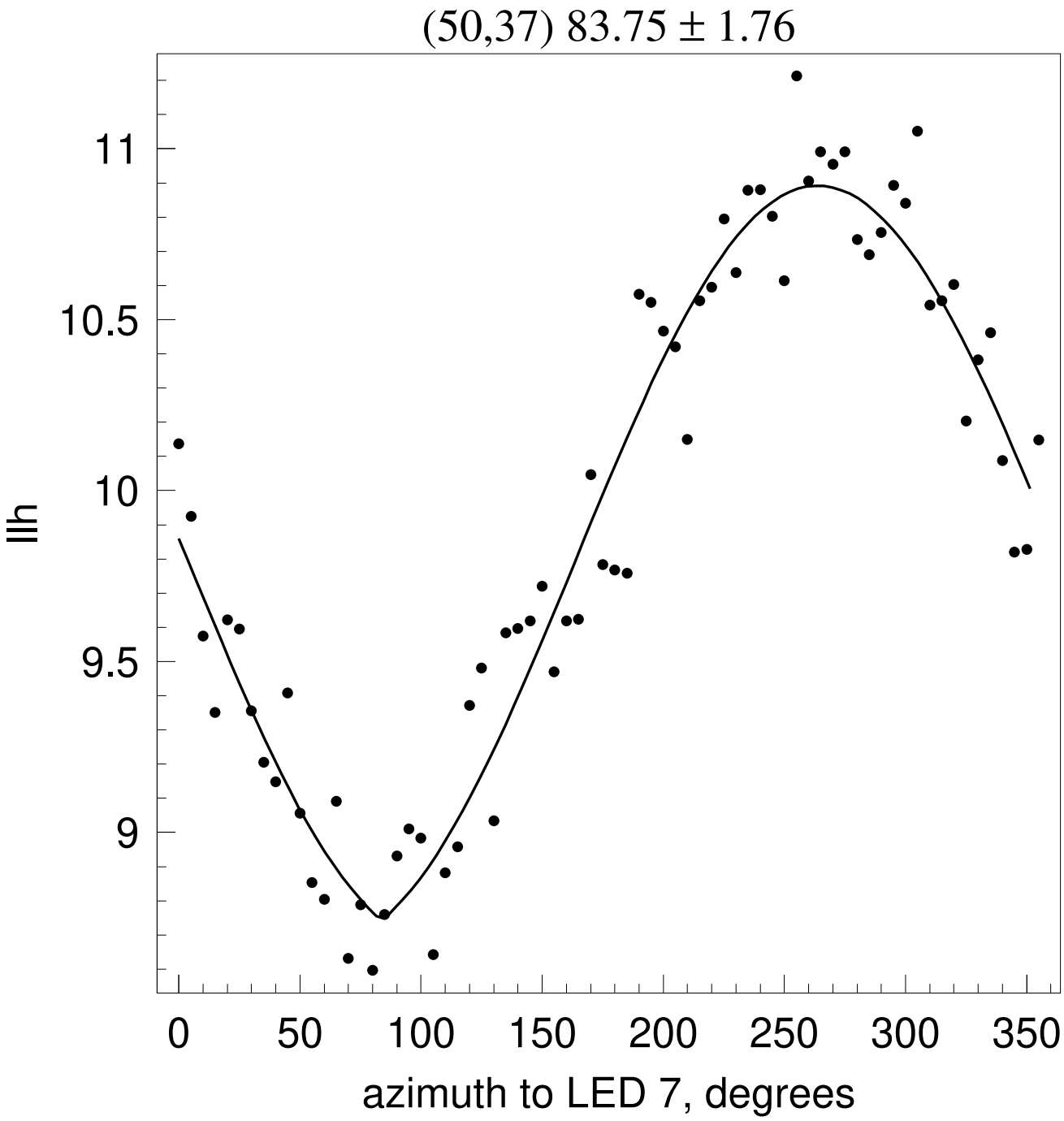

(50,31) 259.51 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

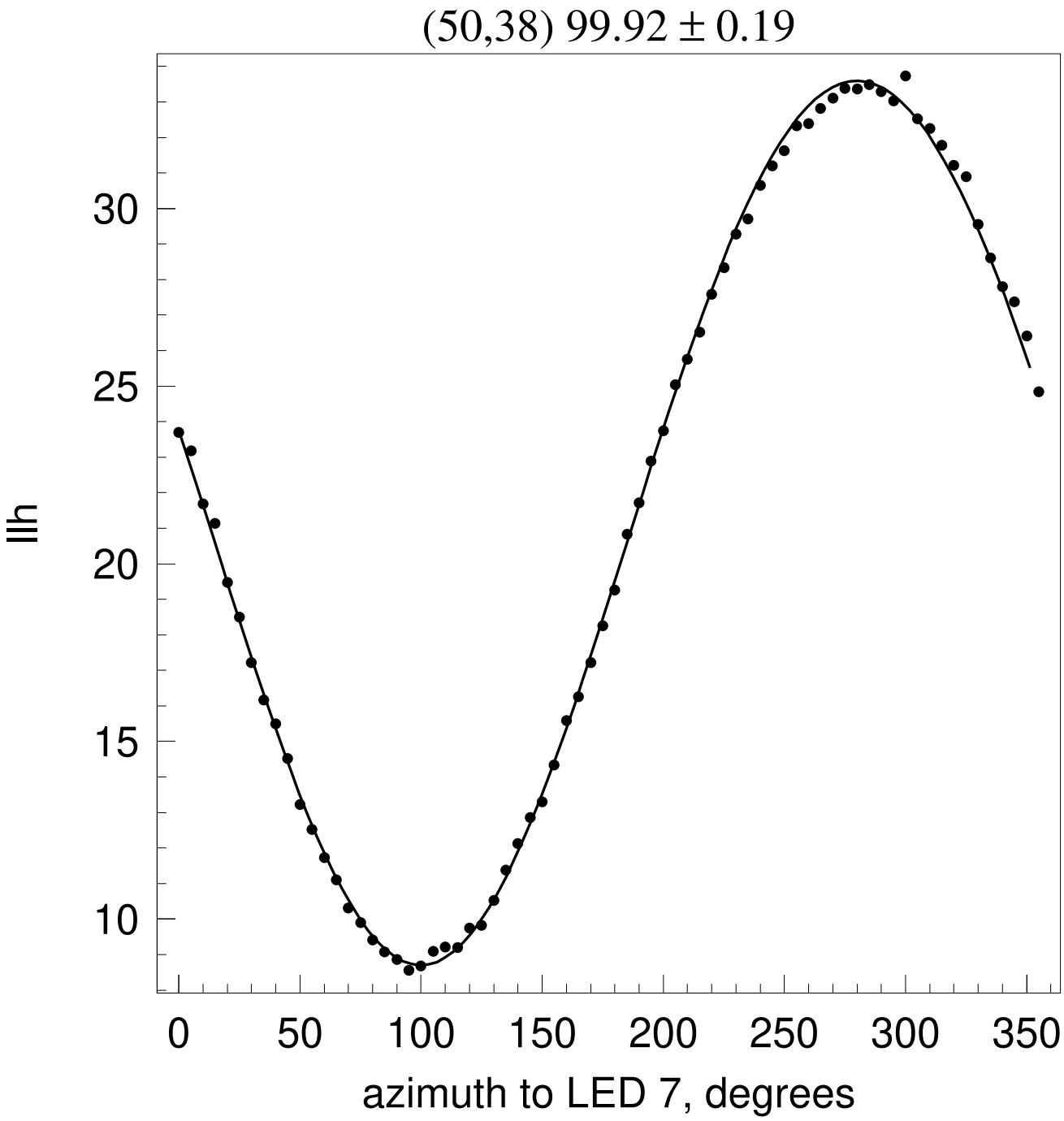

(50,32) 224.51 ± 0.21
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

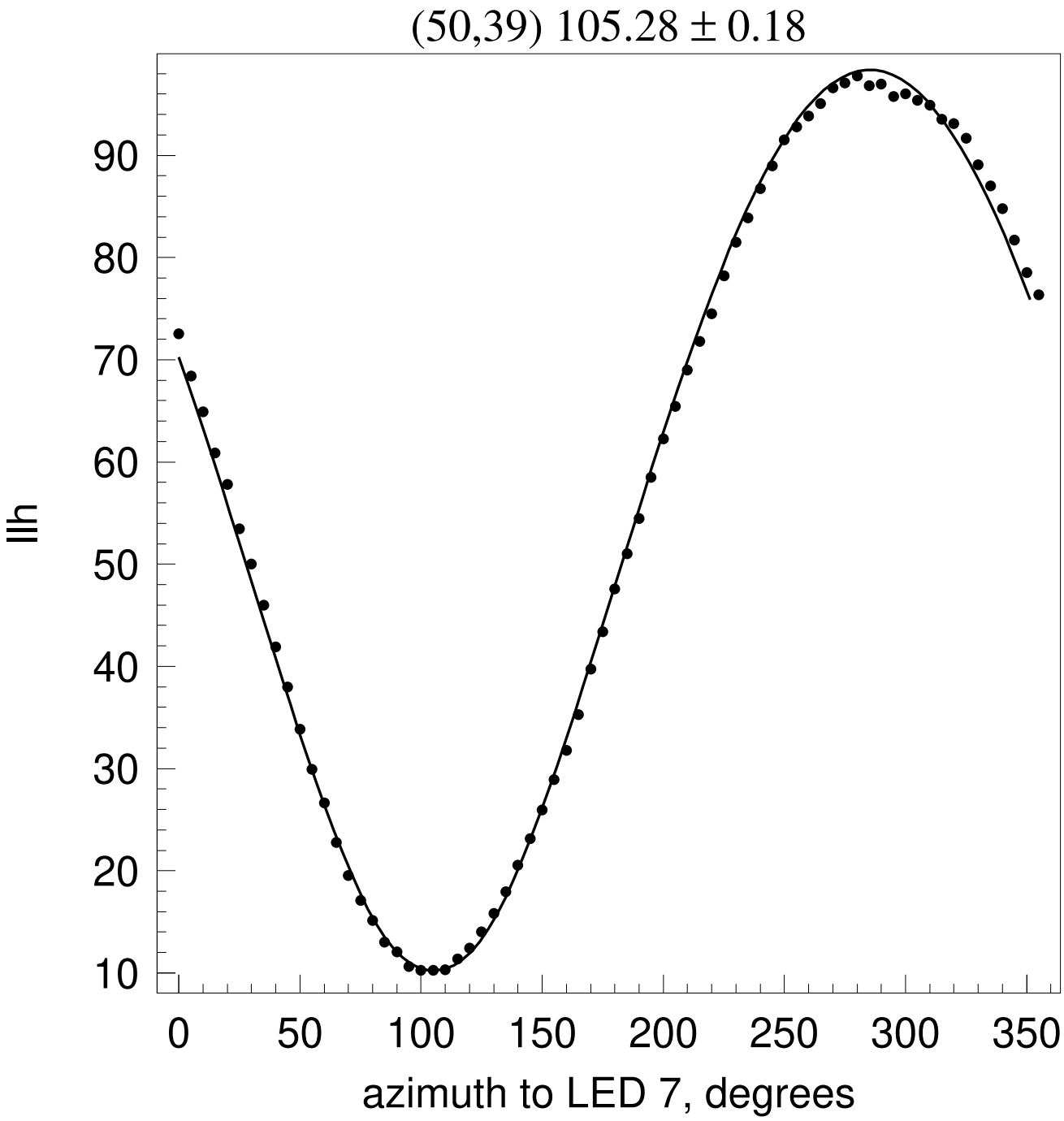

(50,33) 173.94 ± 0.85
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

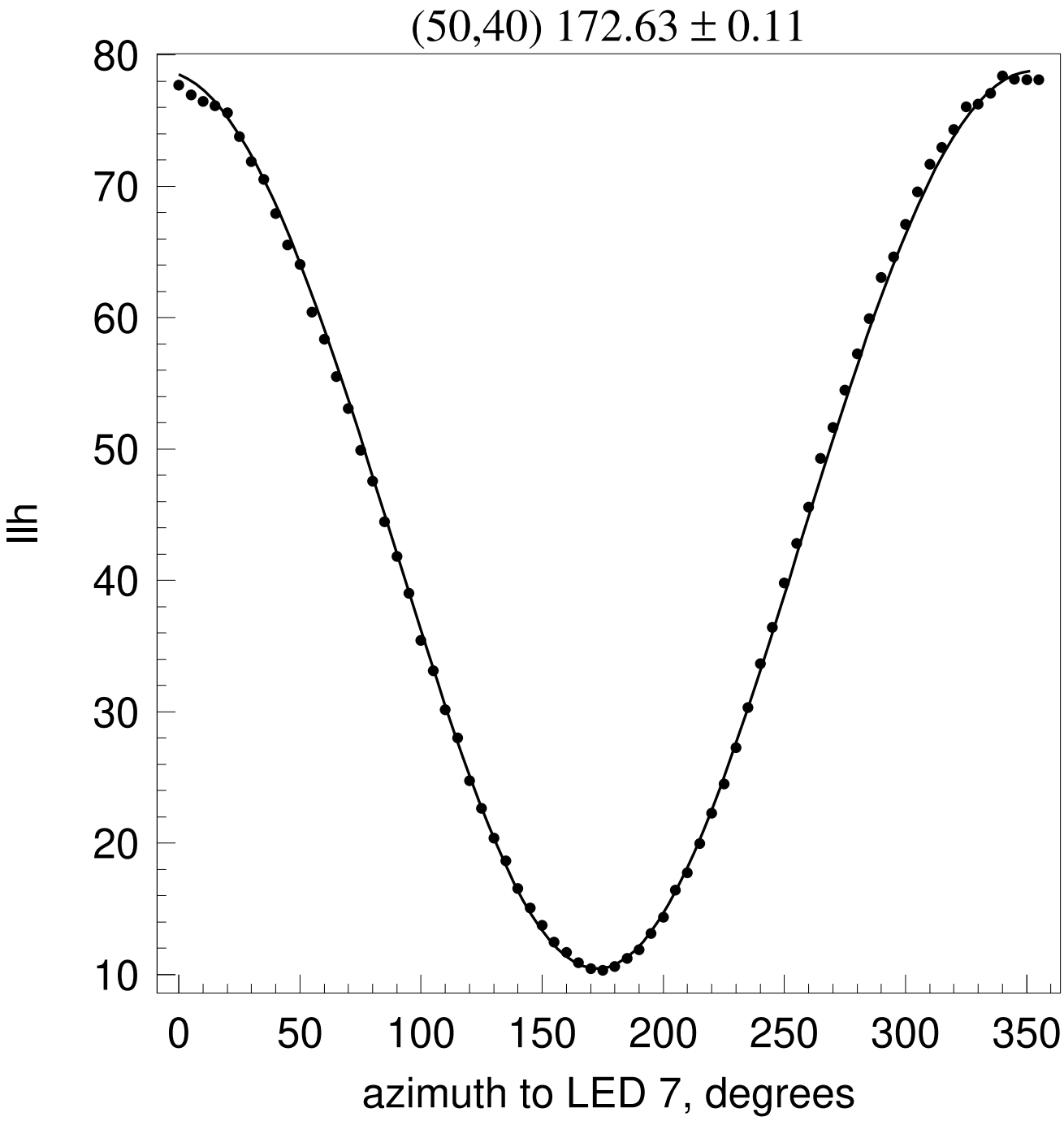

(50,34) 161.27 ± 2.39
11.5
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

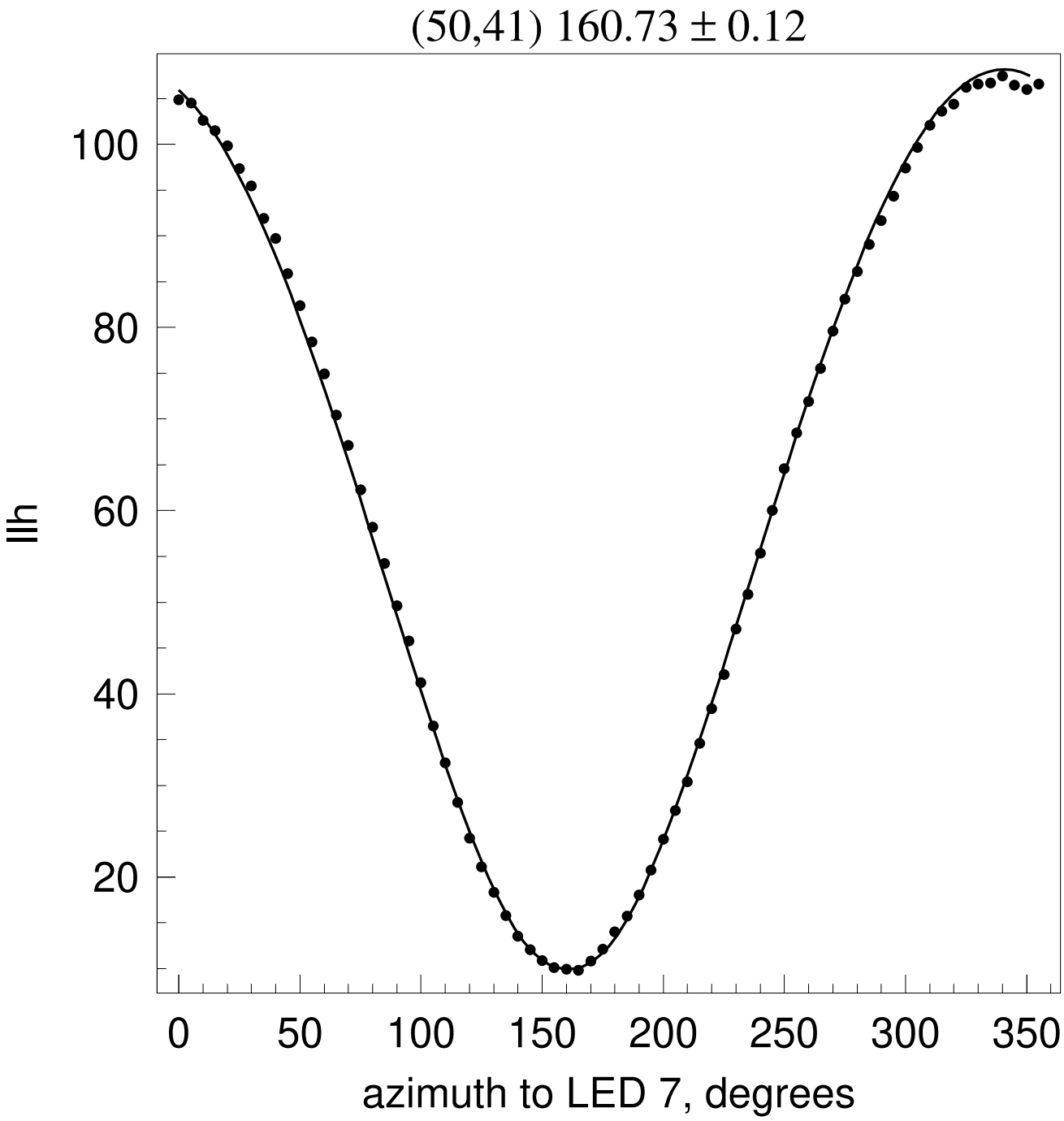

(50,35) 108.38 ± 16.00
12.2
12
11.8
11.6
11.4
11.2
11
10.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

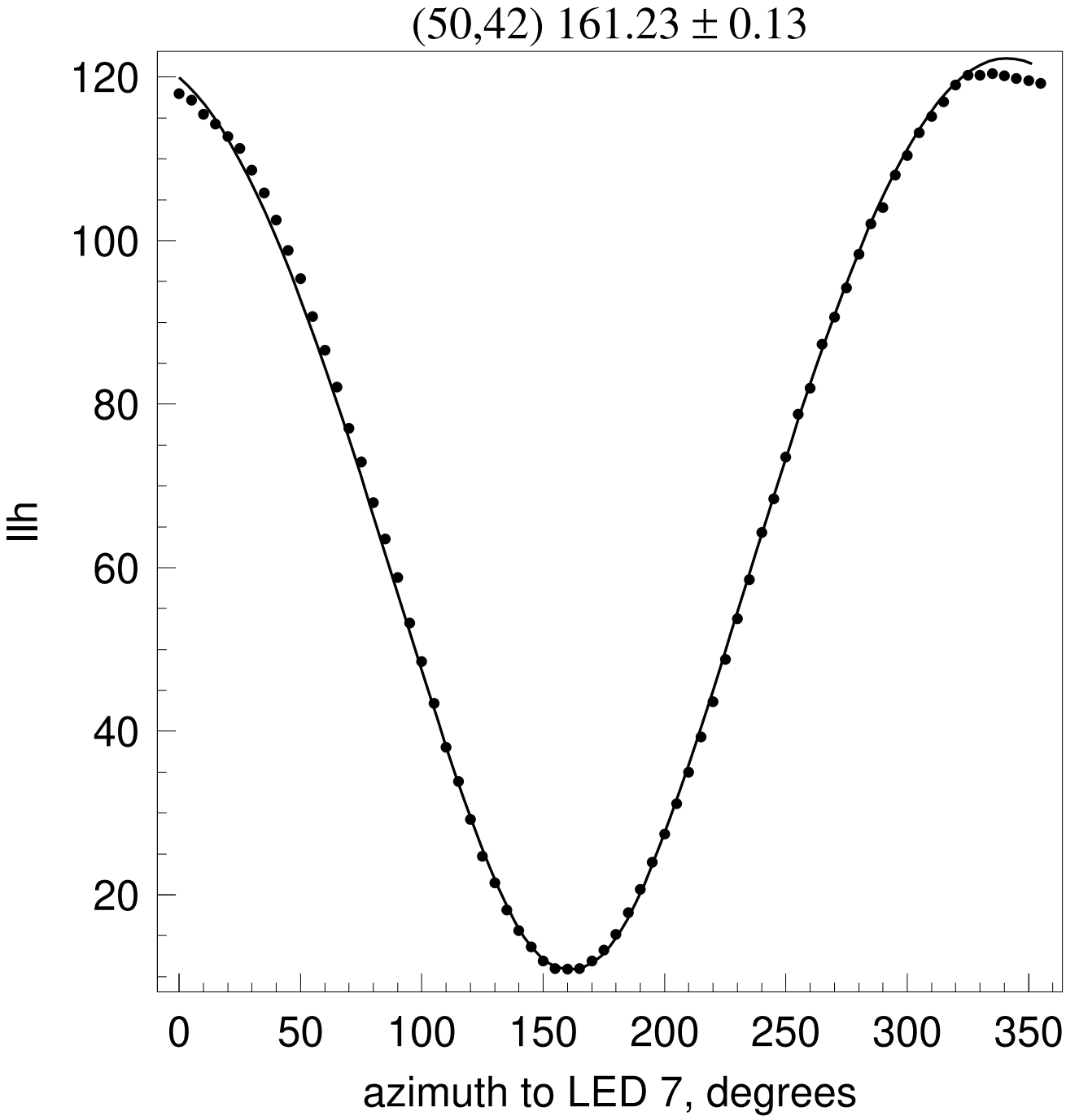

(50,37) 83.75 ± 1.76
11
10.5
10
9.5
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

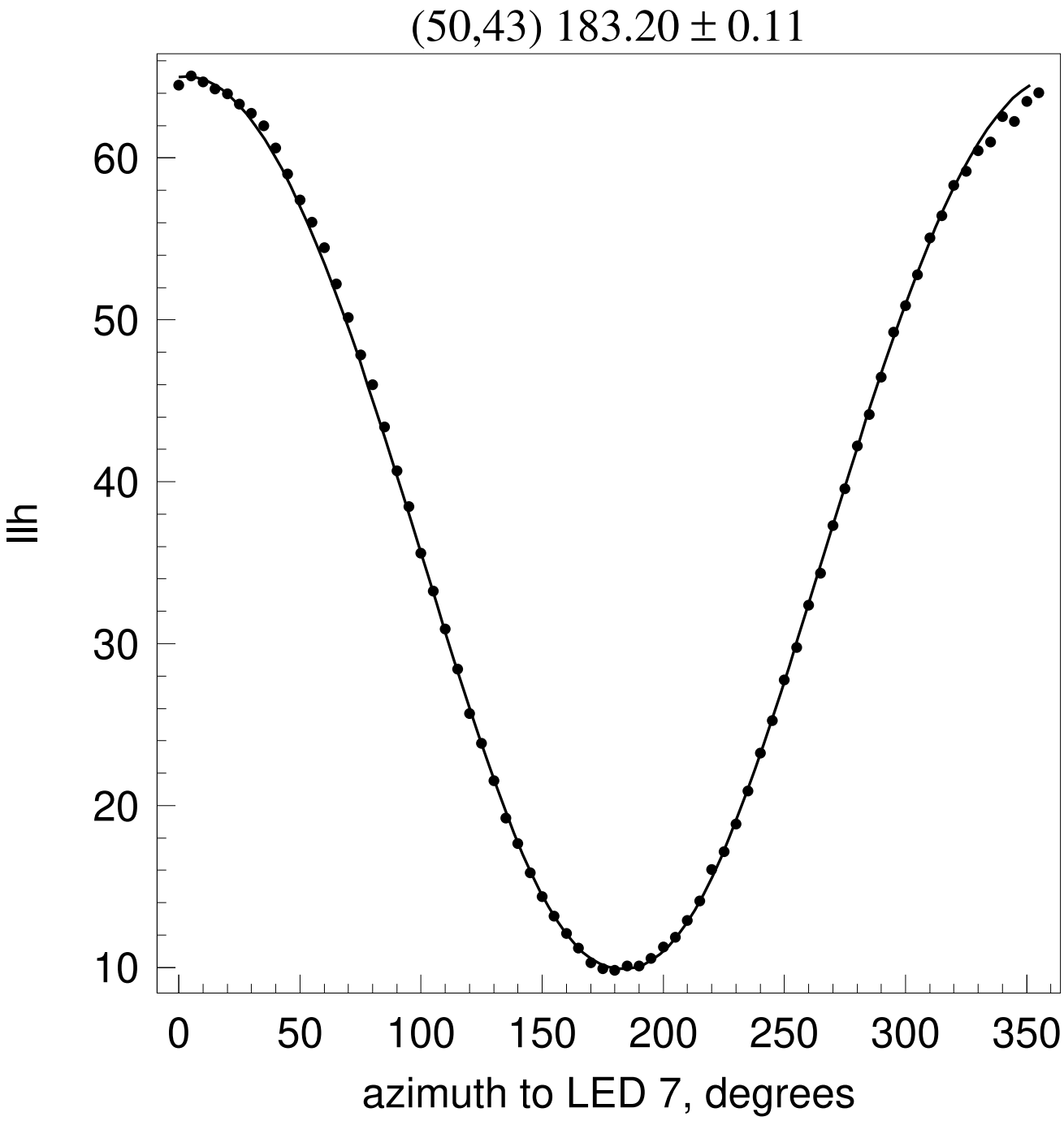

(50,38) 99.92 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

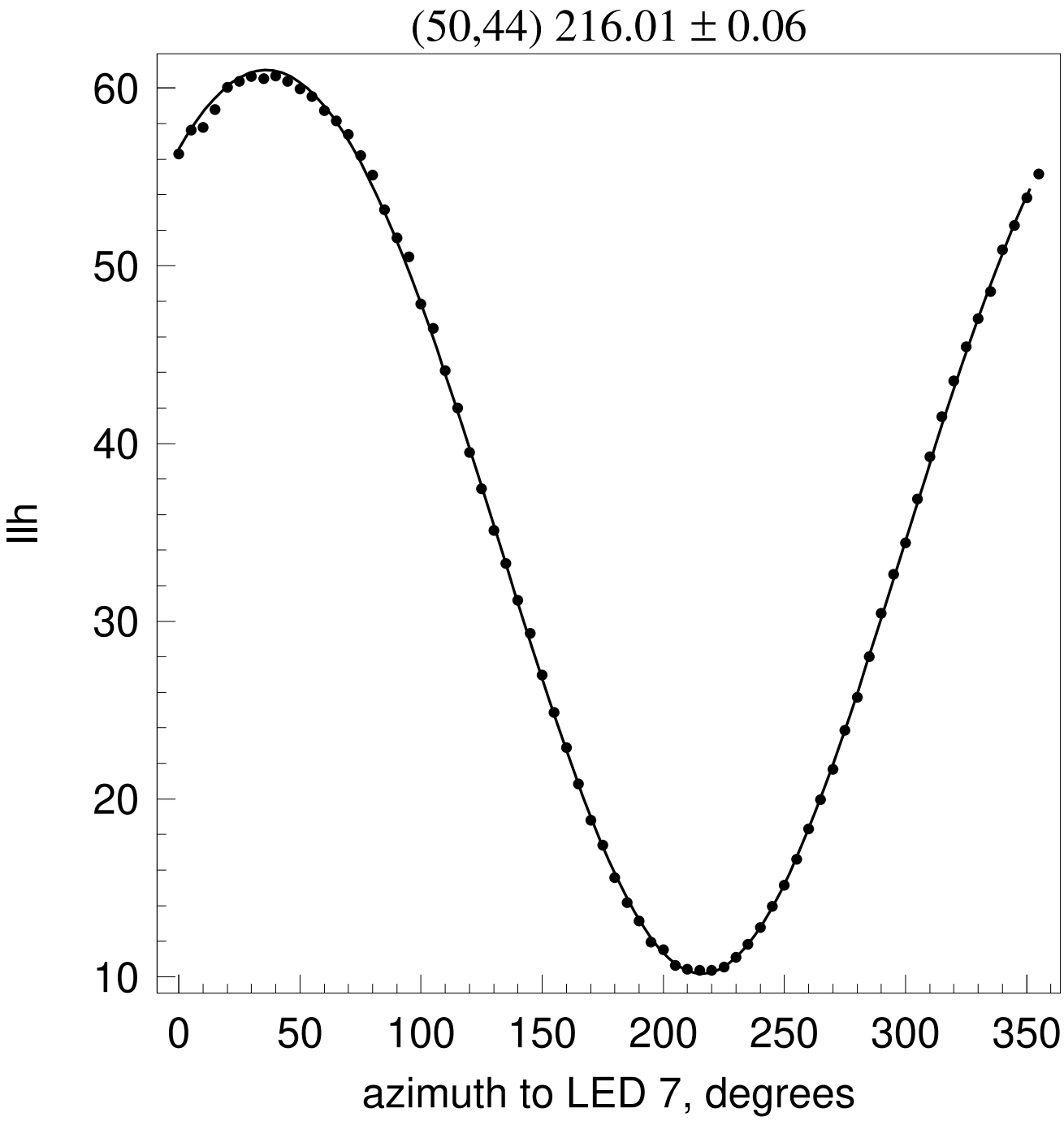

(50,39) 105.28 ± 0.18
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

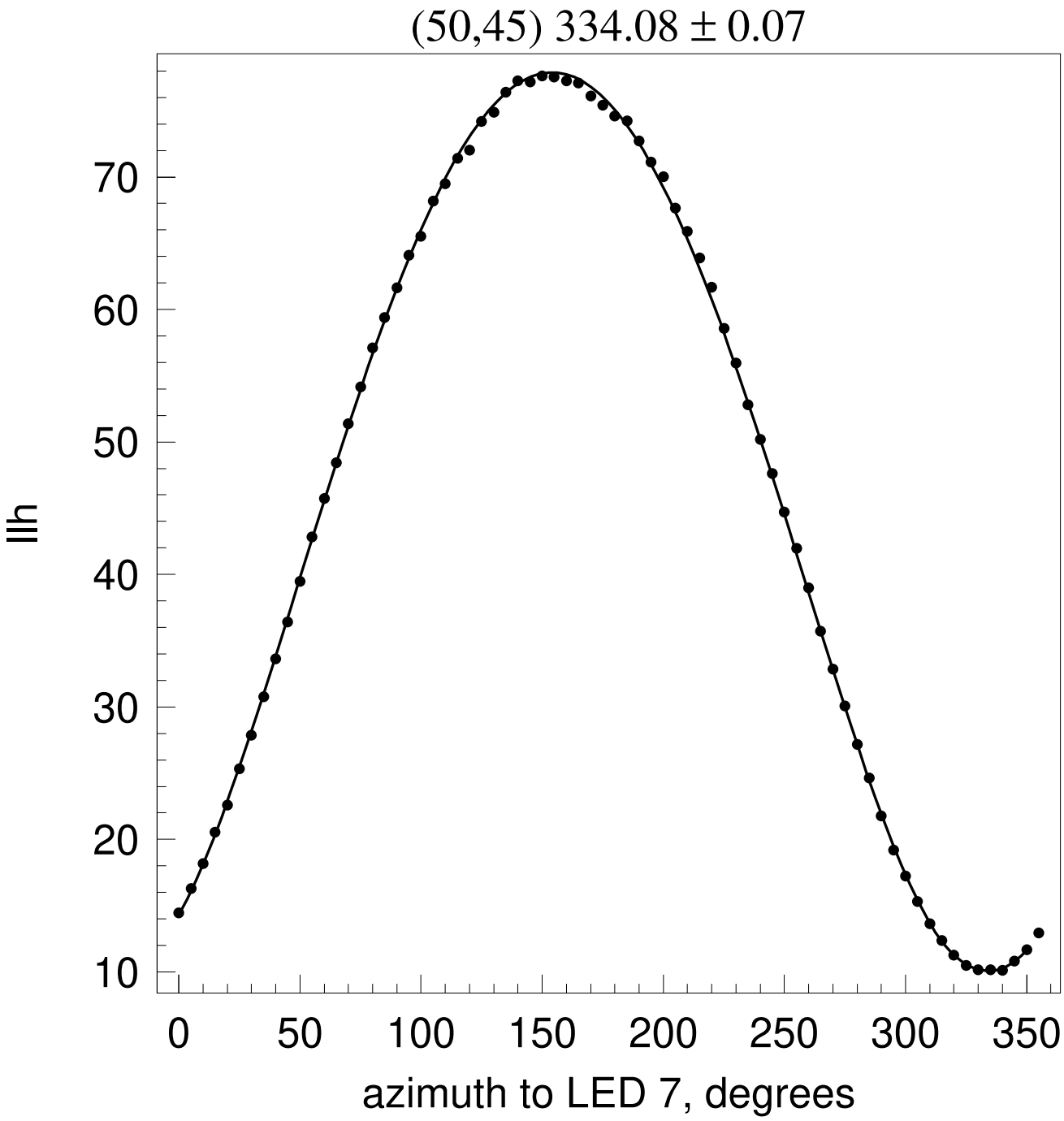

(50,40) 172.63 ± 0.11
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

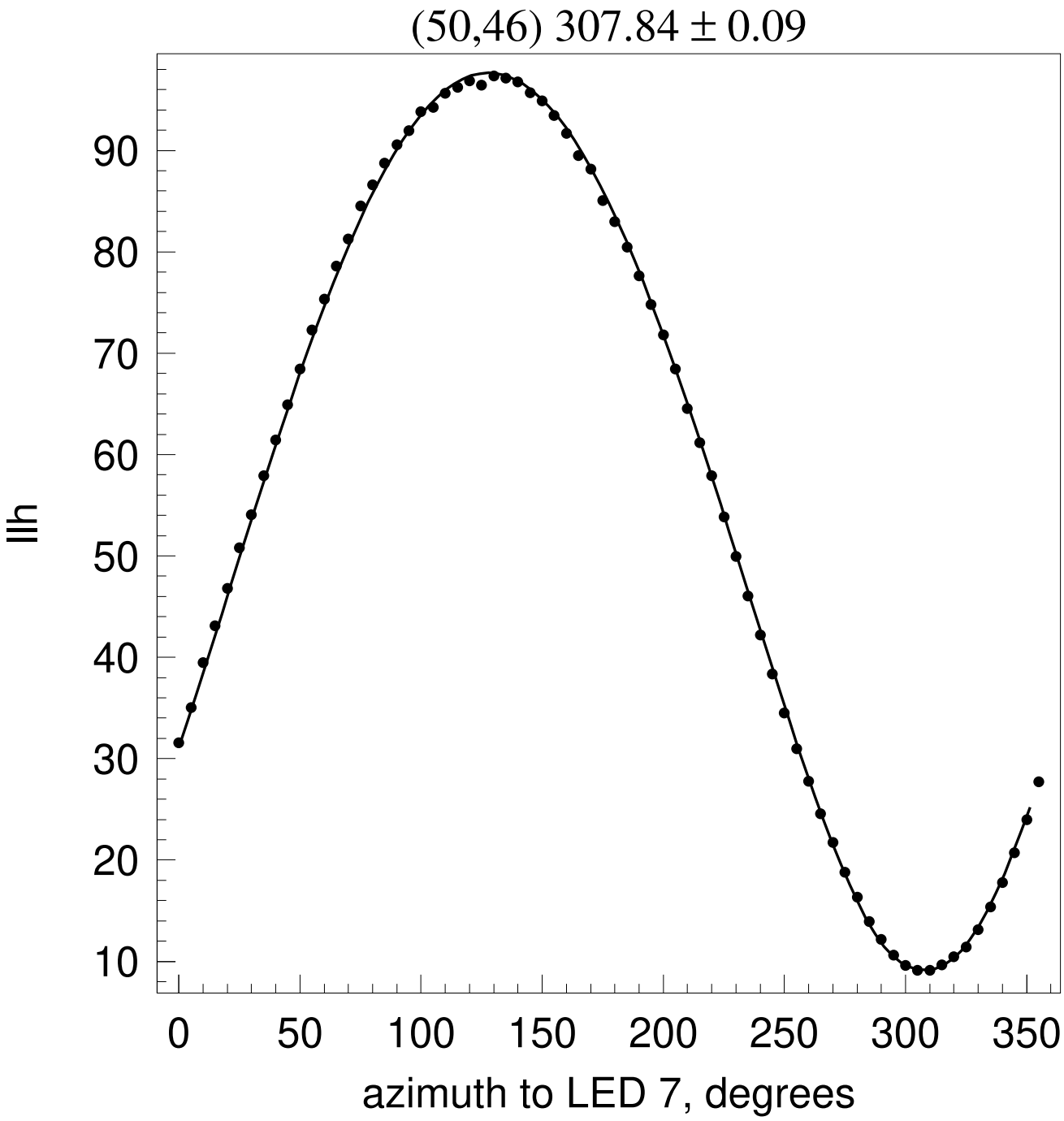

(50,41) 160.73 ± 0.12
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

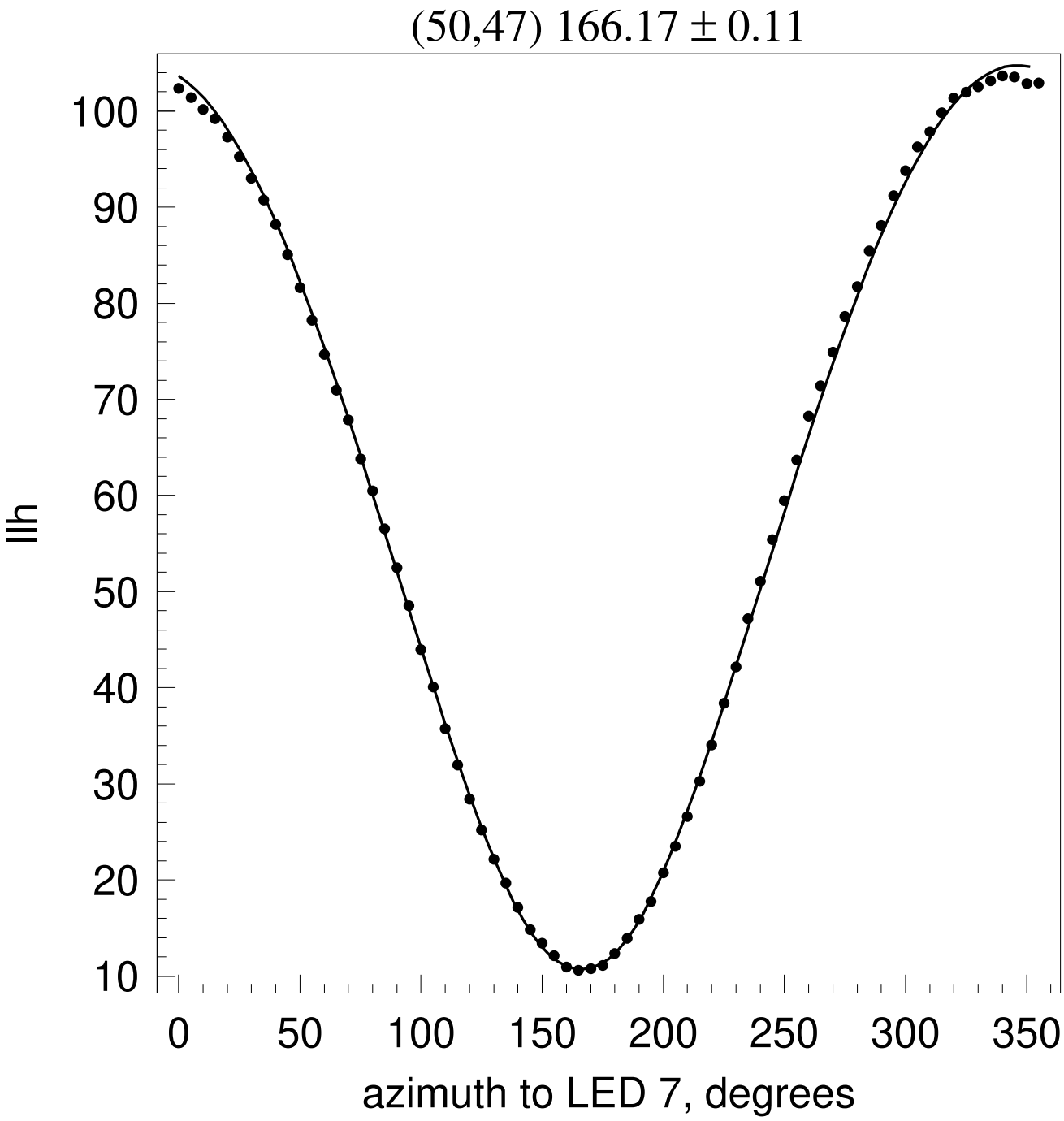

(50,42) 161.23 ± 0.13
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

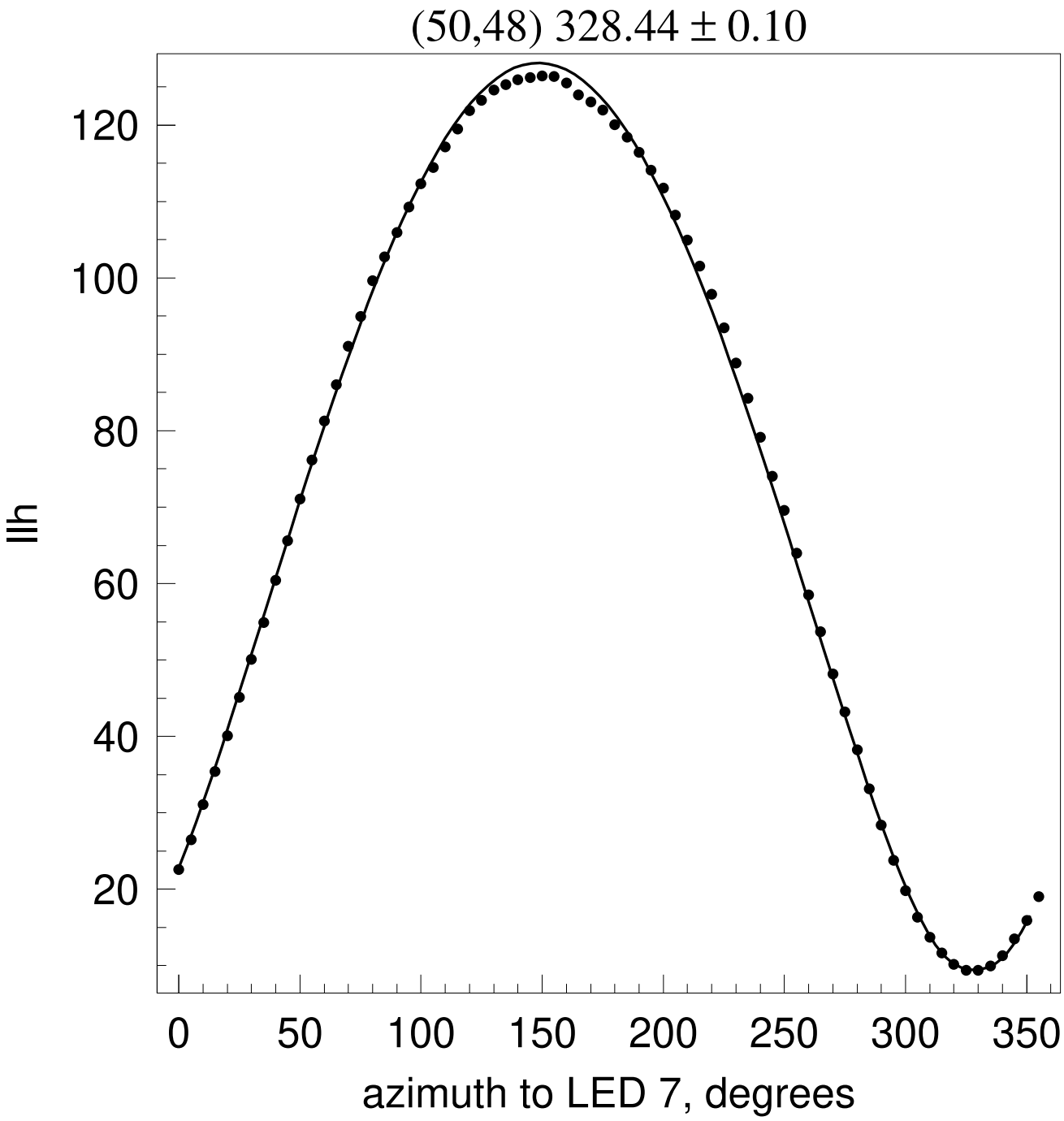

(50,43) 183.20 ± 0.11
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

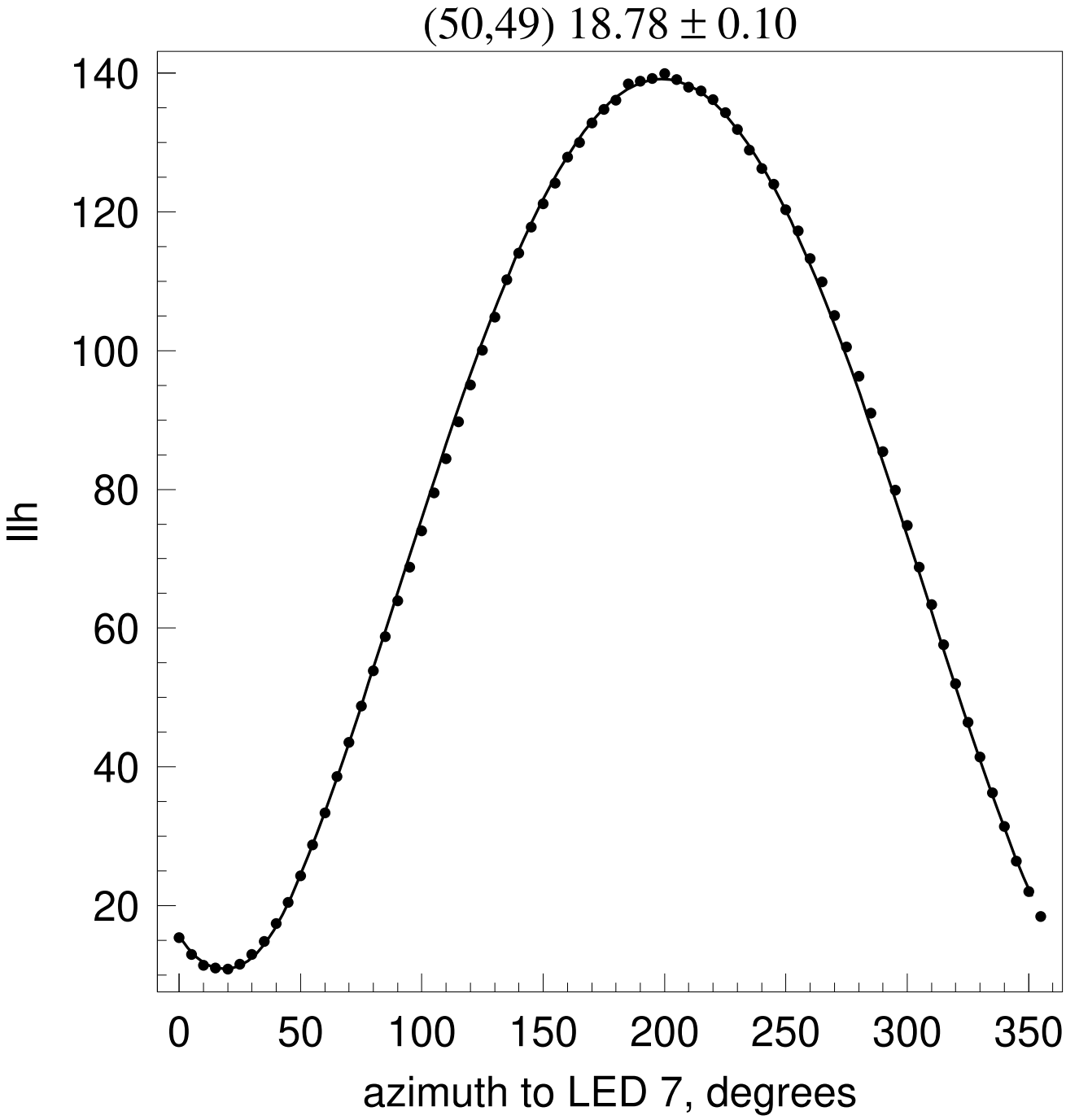

(50,44) 216.01 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

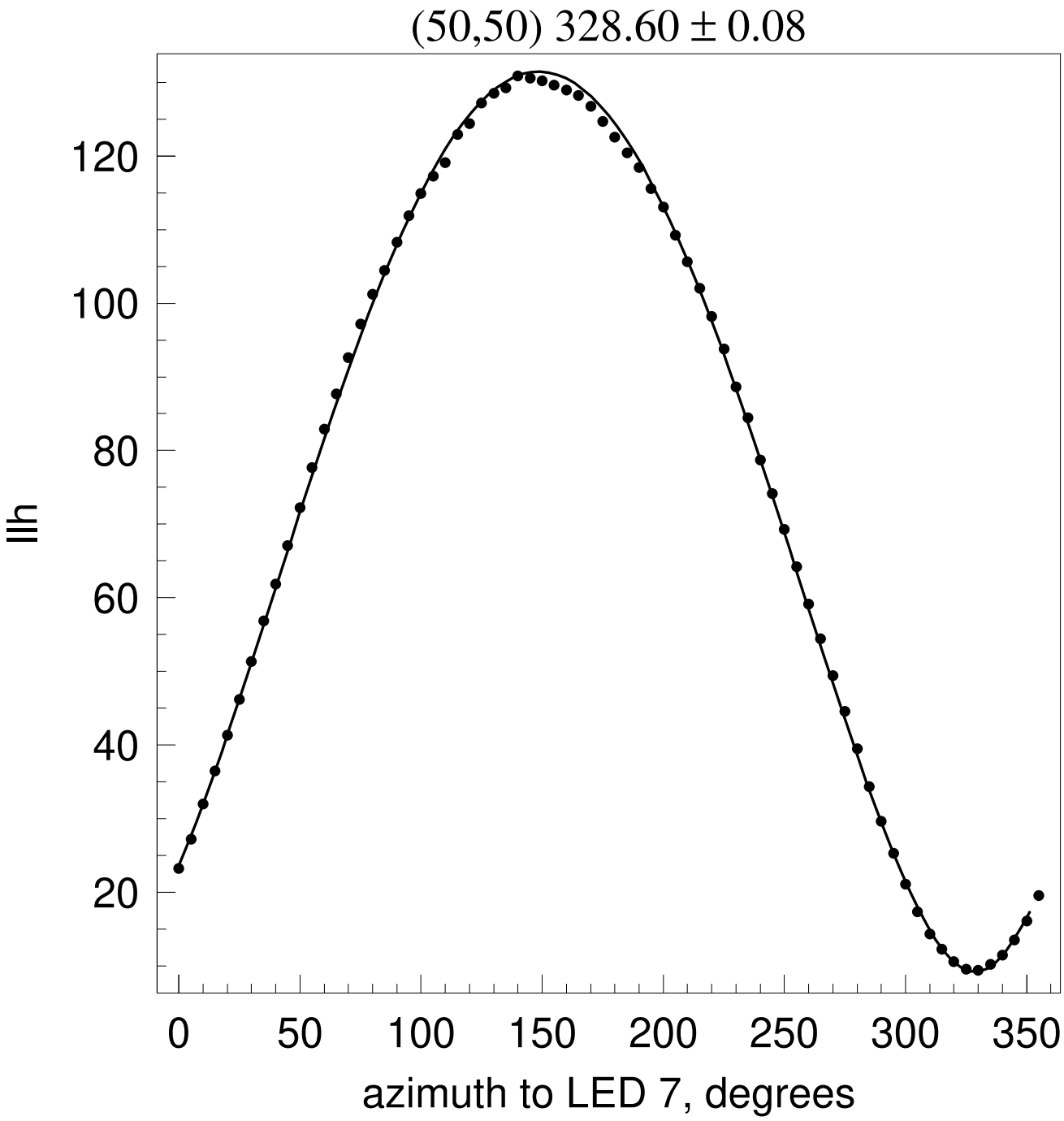

(50,45) 334.08 ± 0.07
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

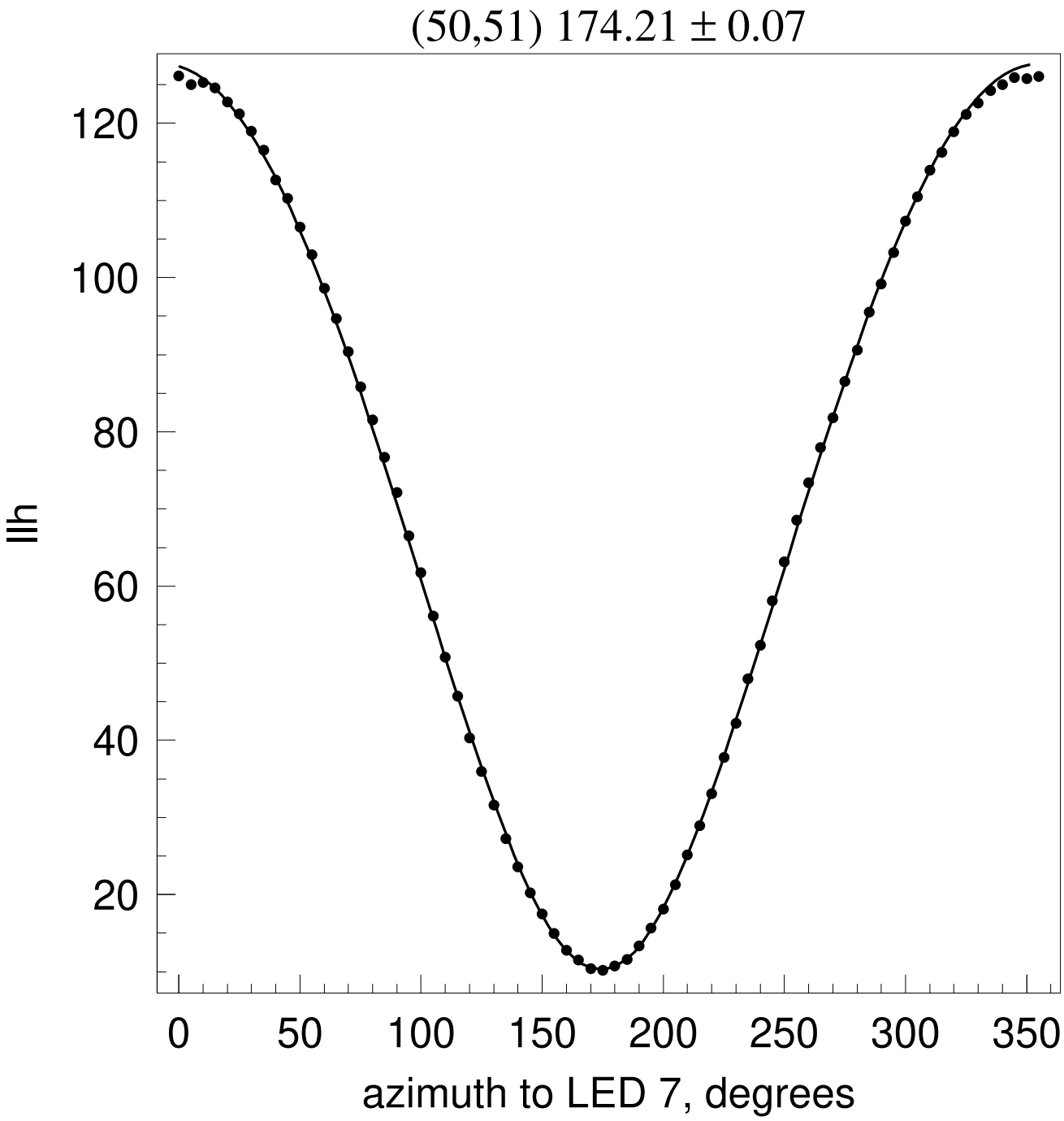

(50,46) 307.84 ± 0.09
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

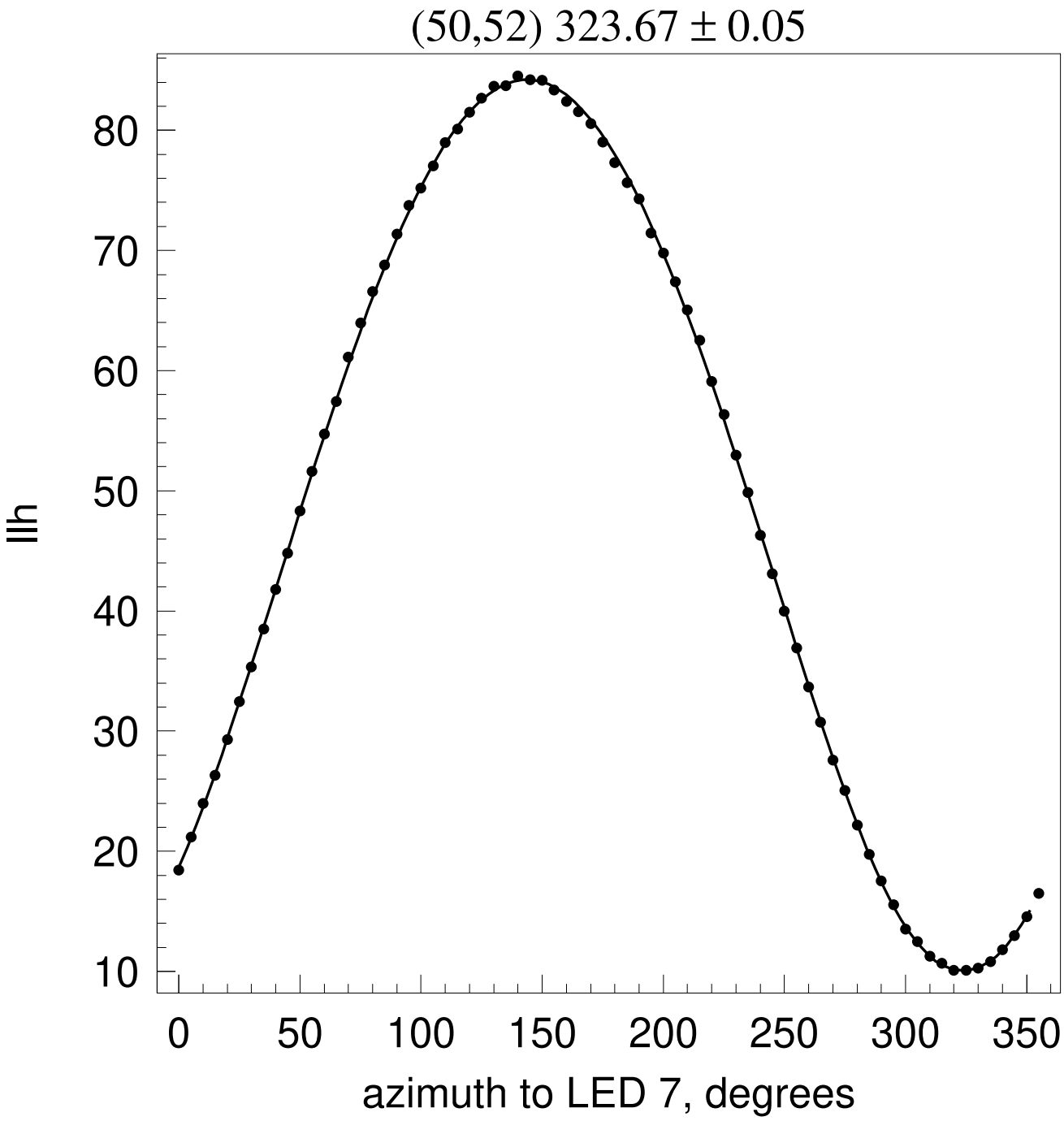

(50,47) 166.17 ± 0.11
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

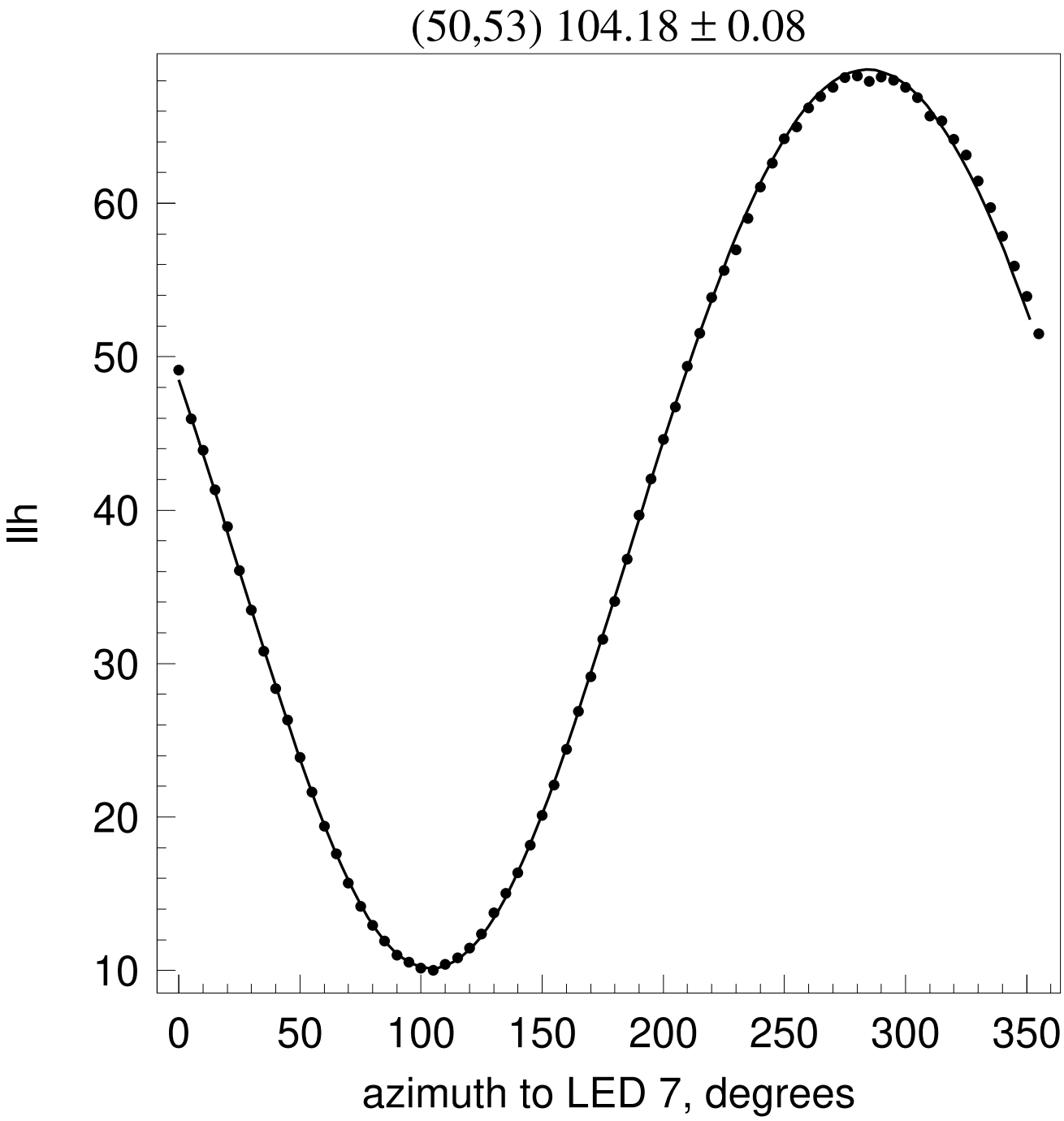

(50,48) 328.44 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

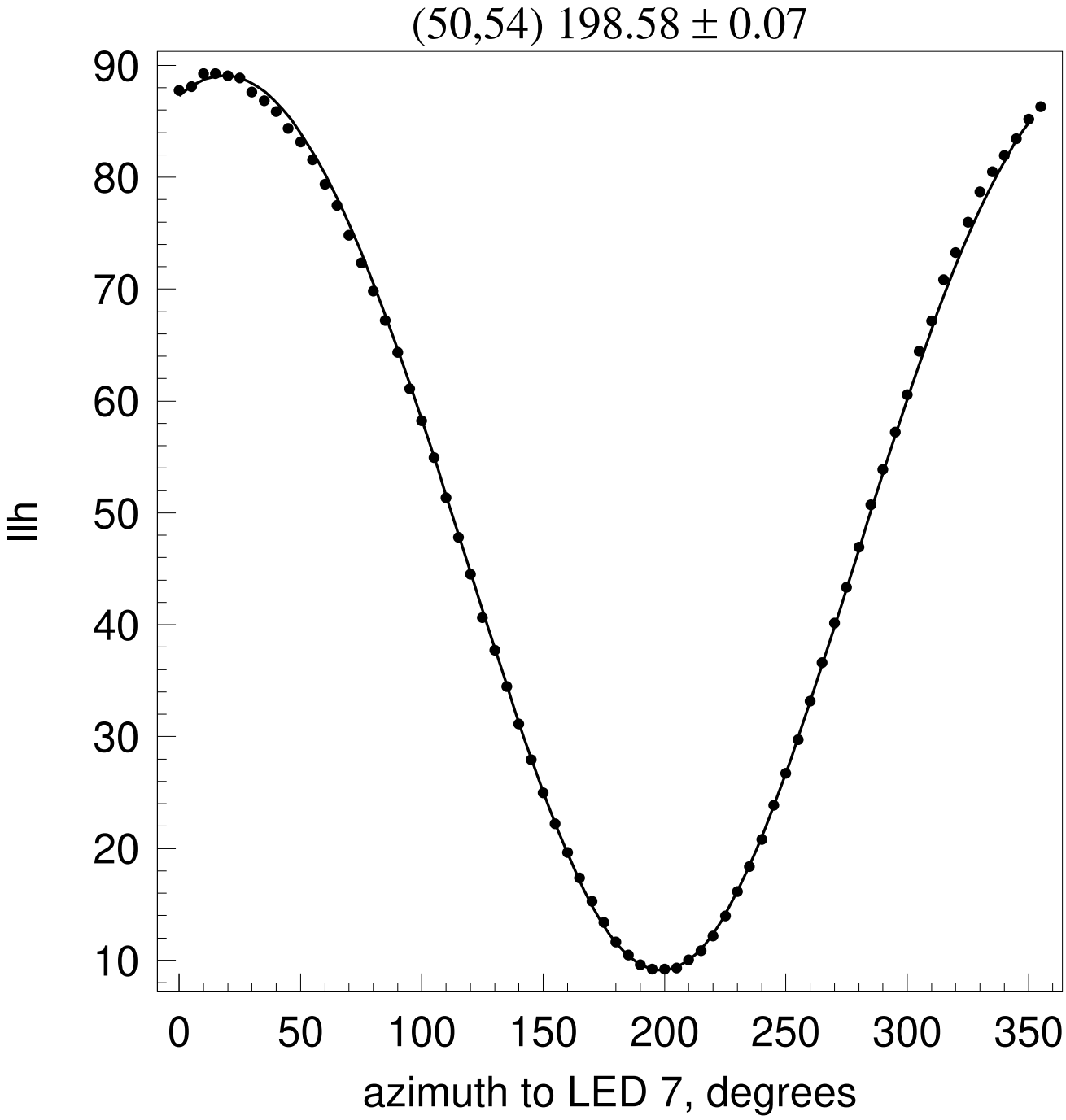

(50,49) 18.78 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

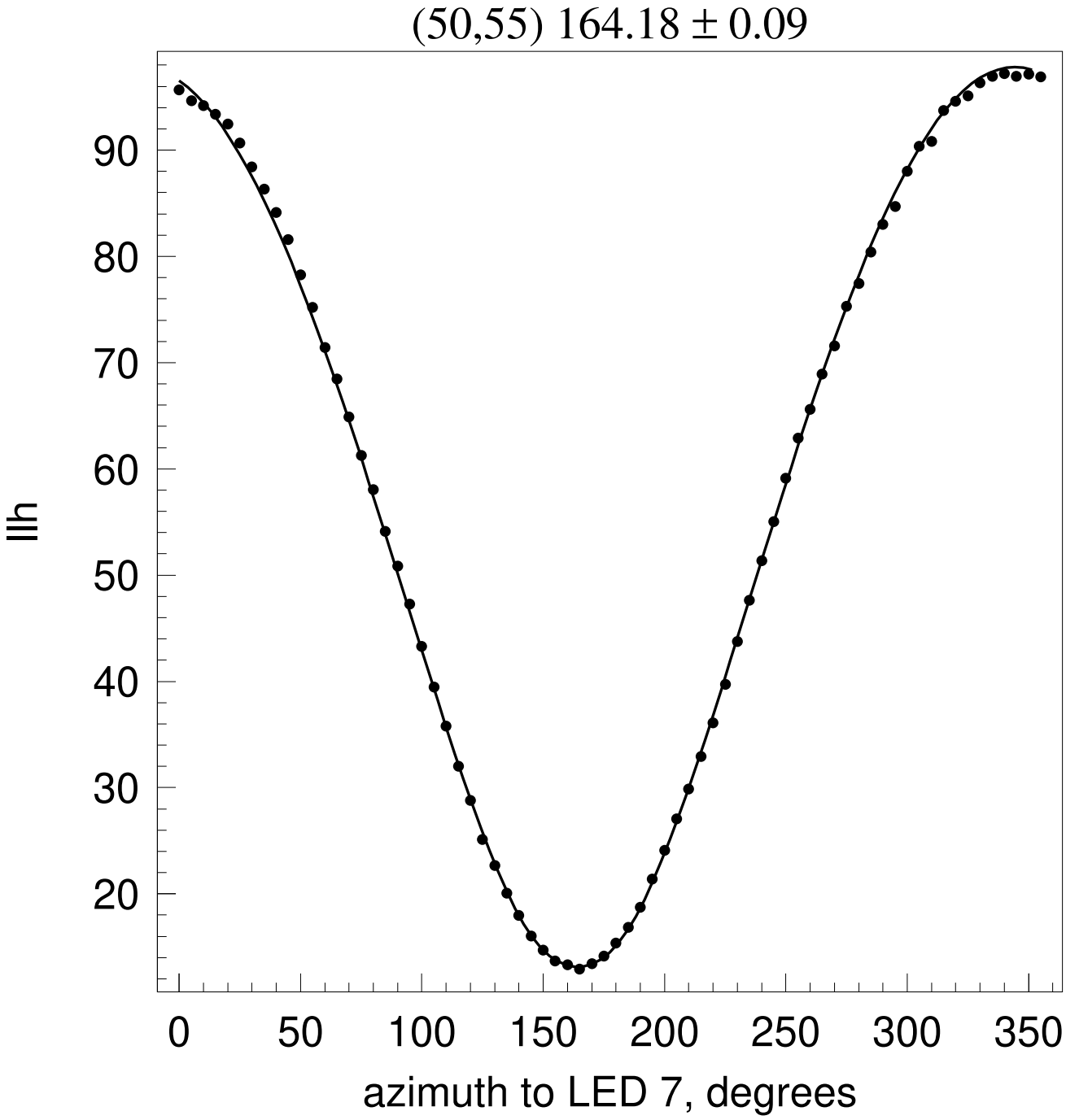

(50,50) 328.60 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

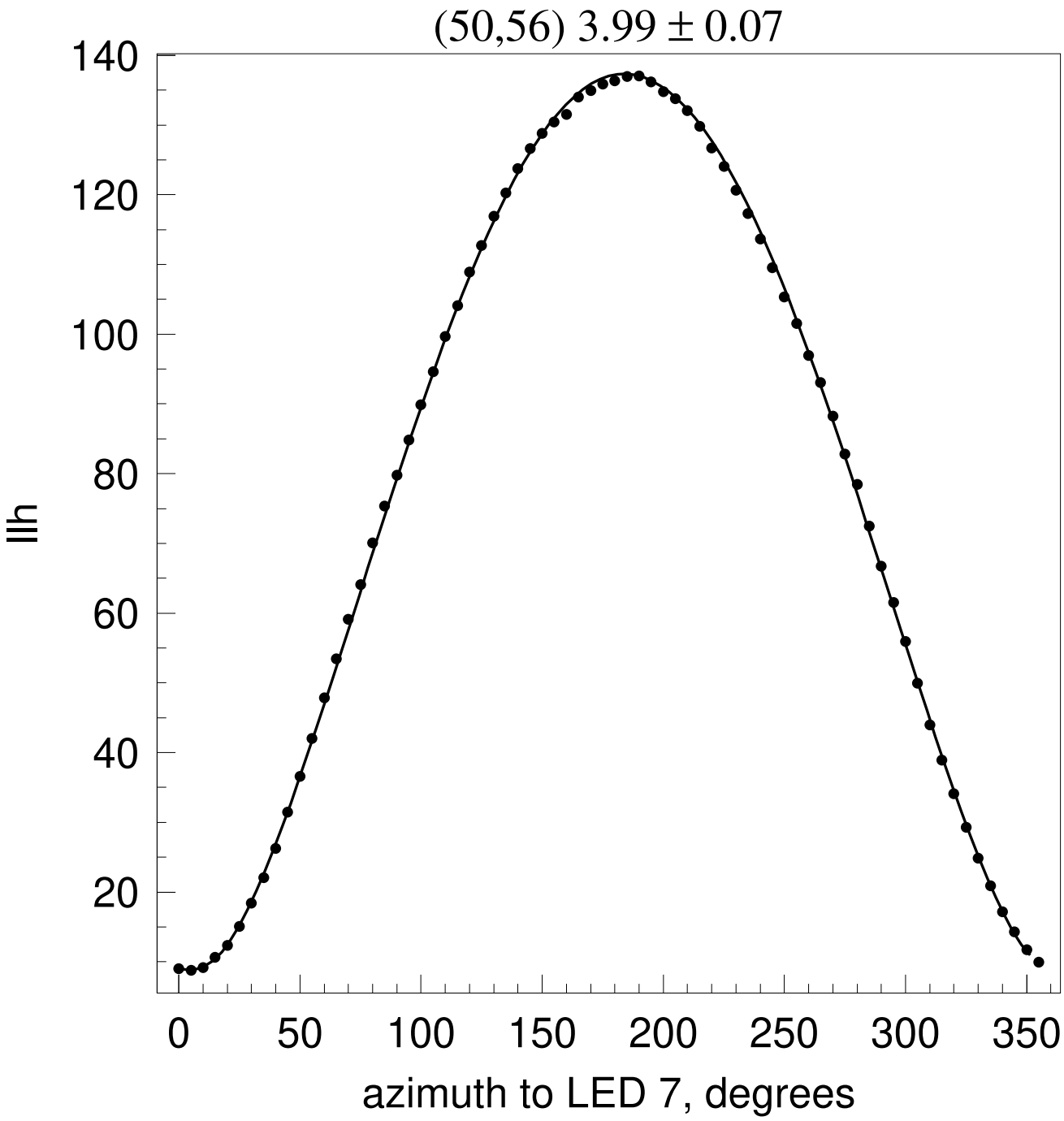

(50,51) 174.21 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

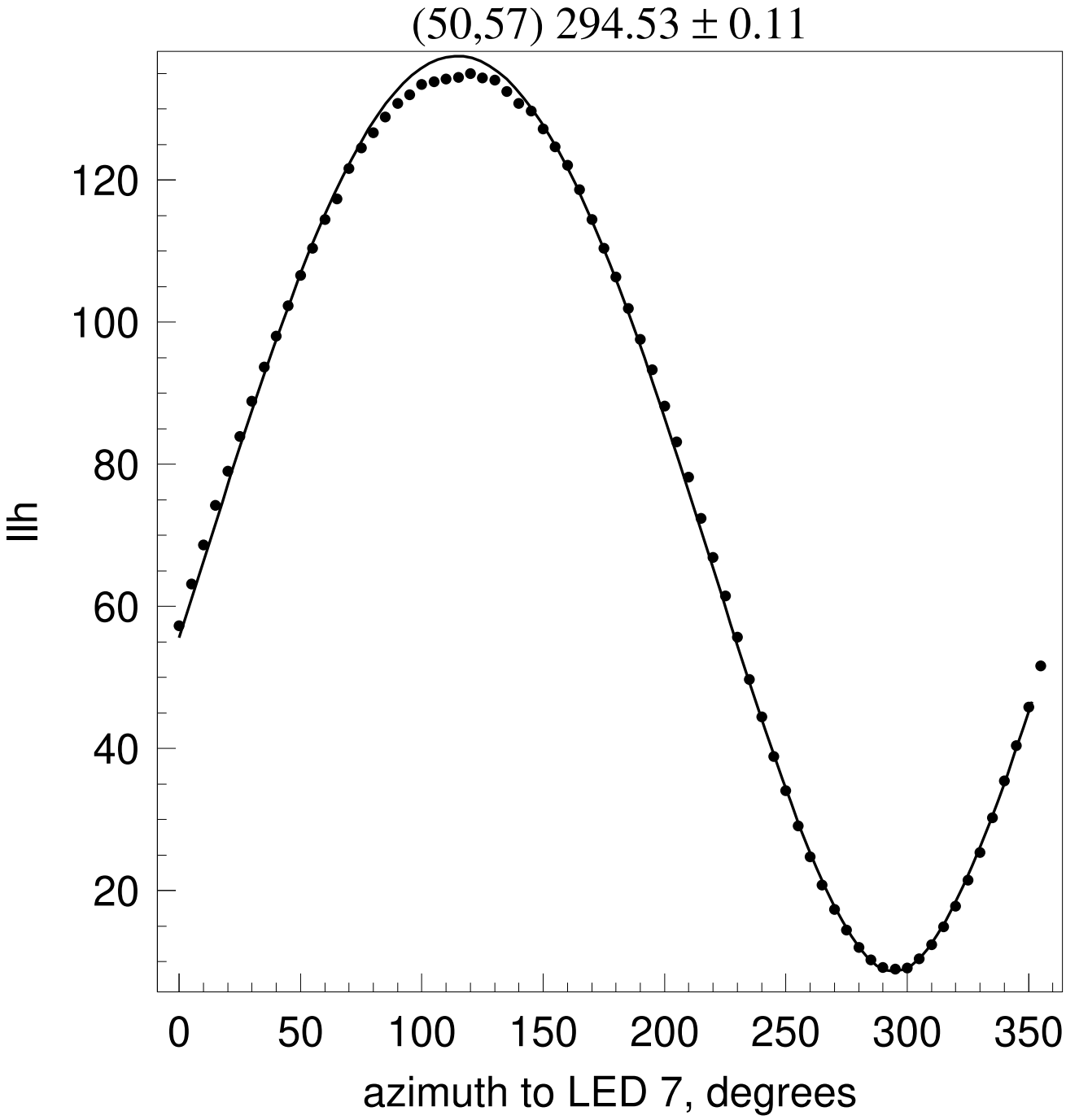

(50,52) 323.67 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

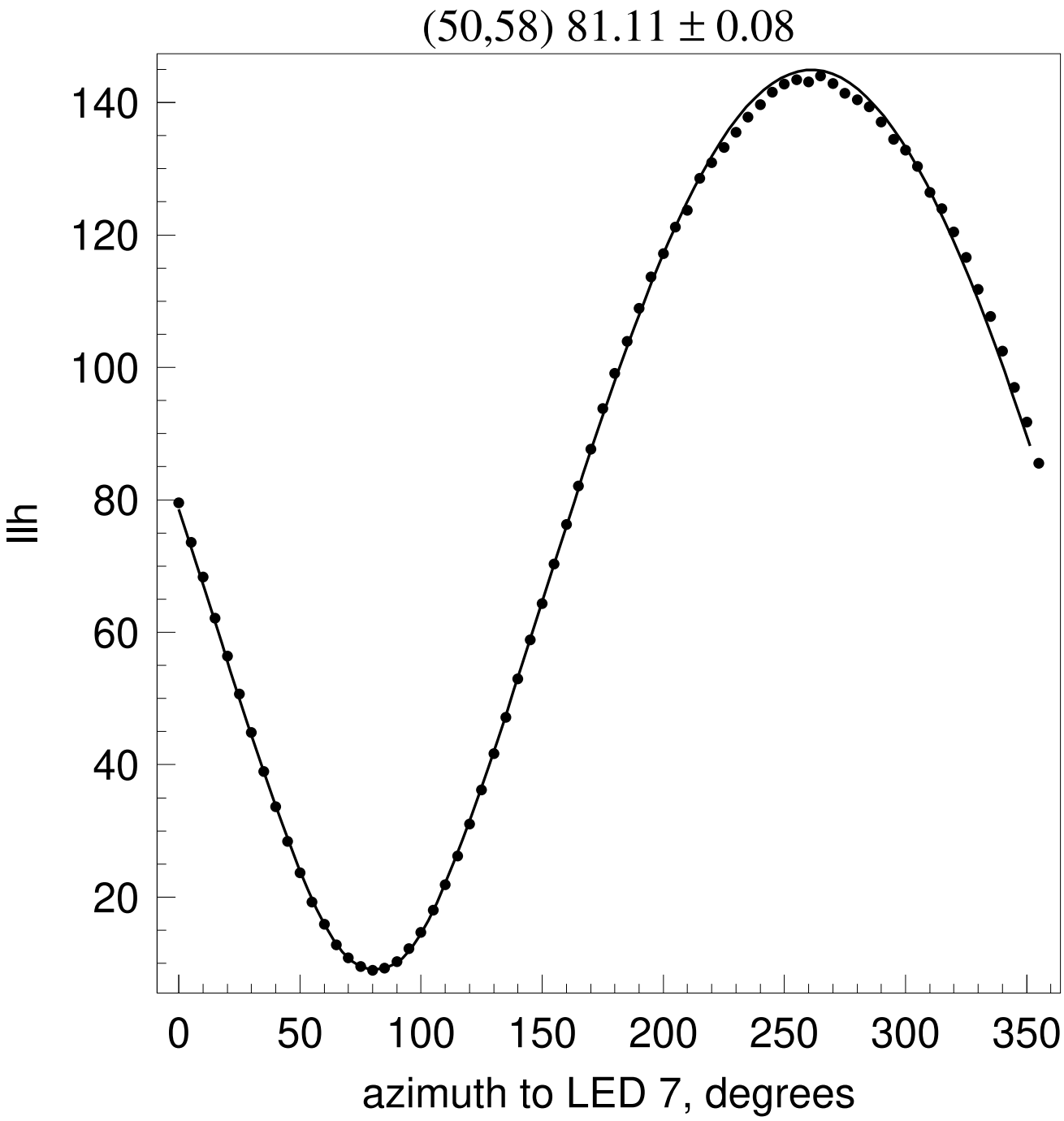

(50,53) 104.18 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

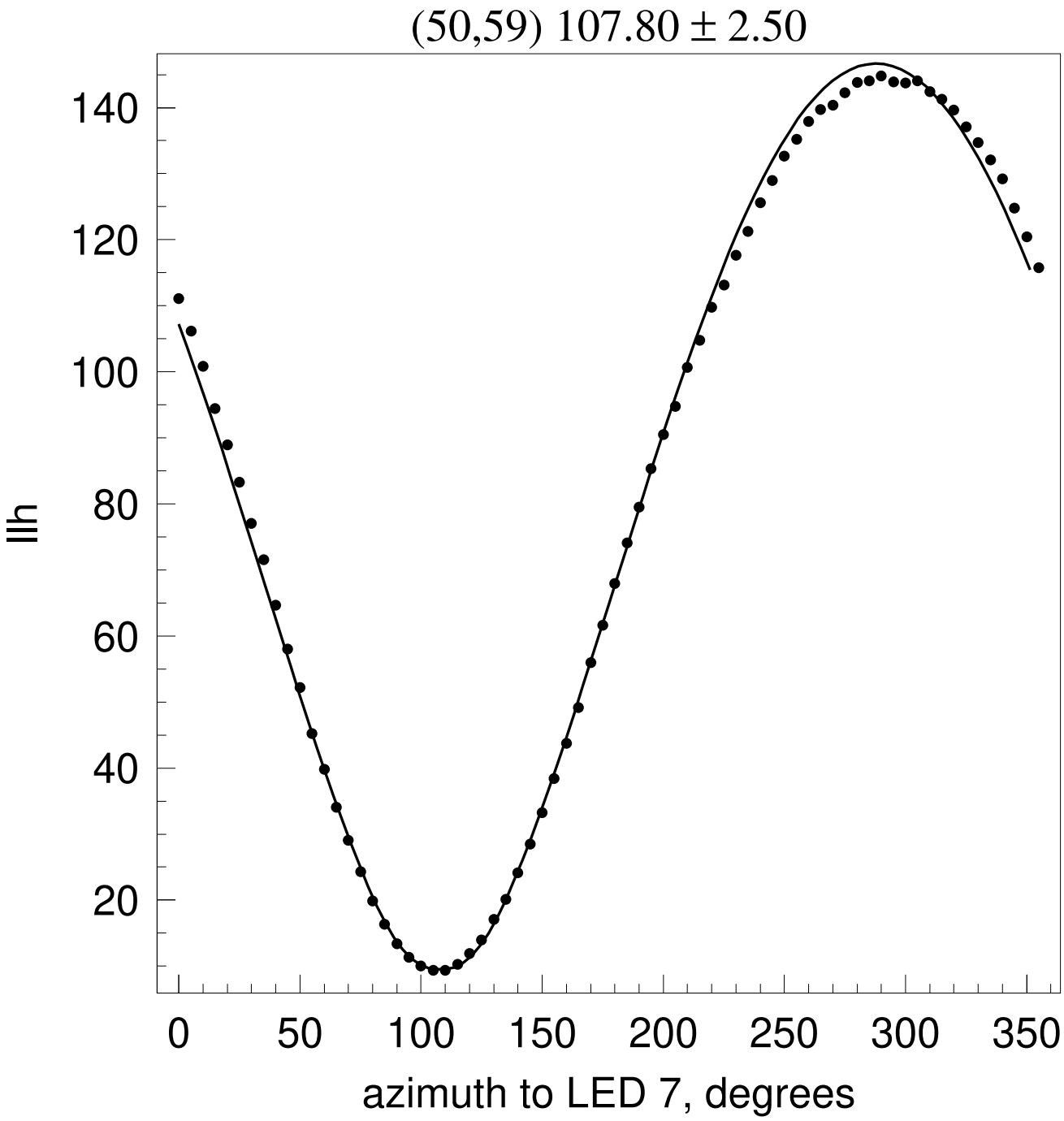

(50,54) 198.58 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

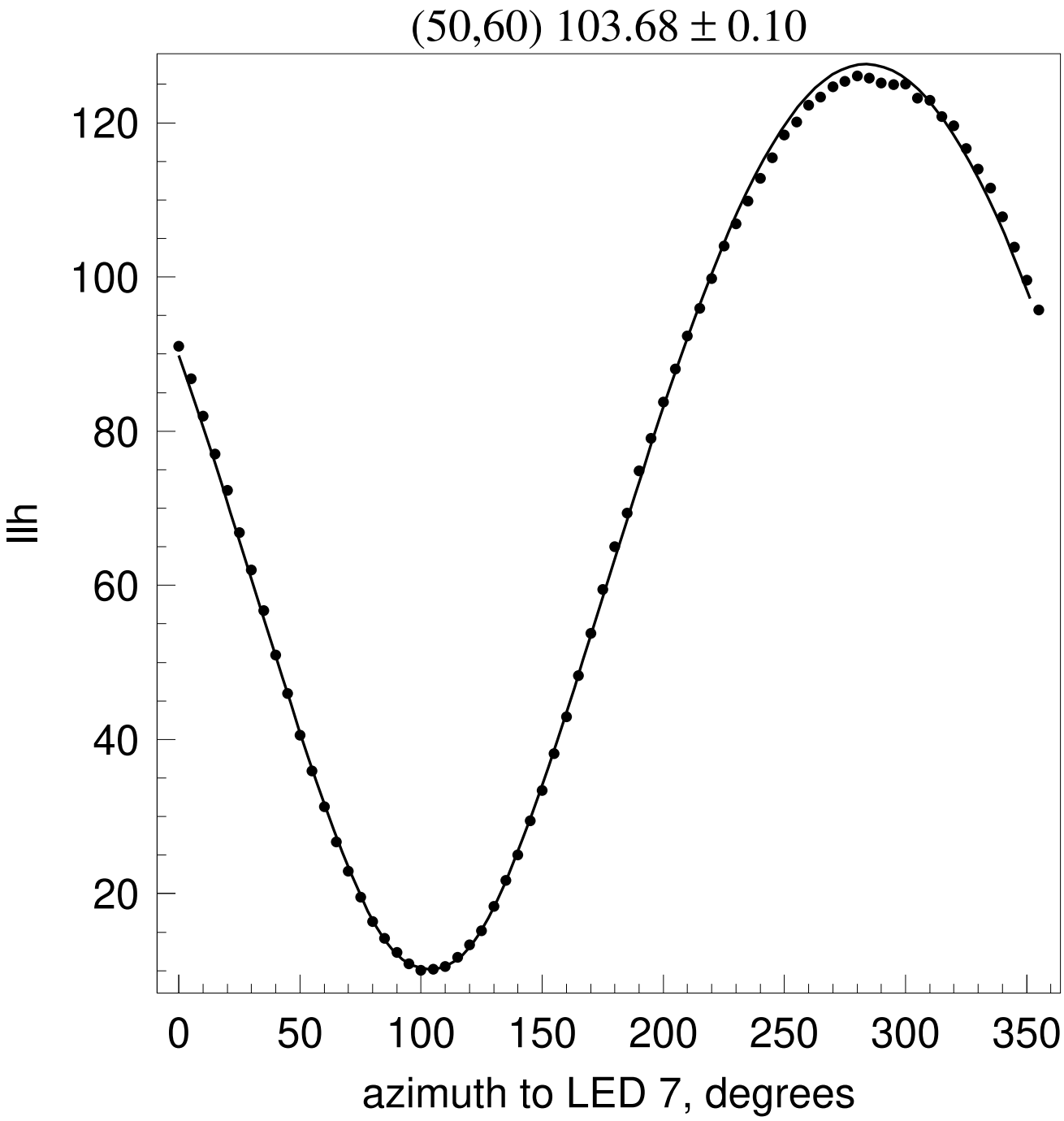

(50,55) 164.18 ± 0.09
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

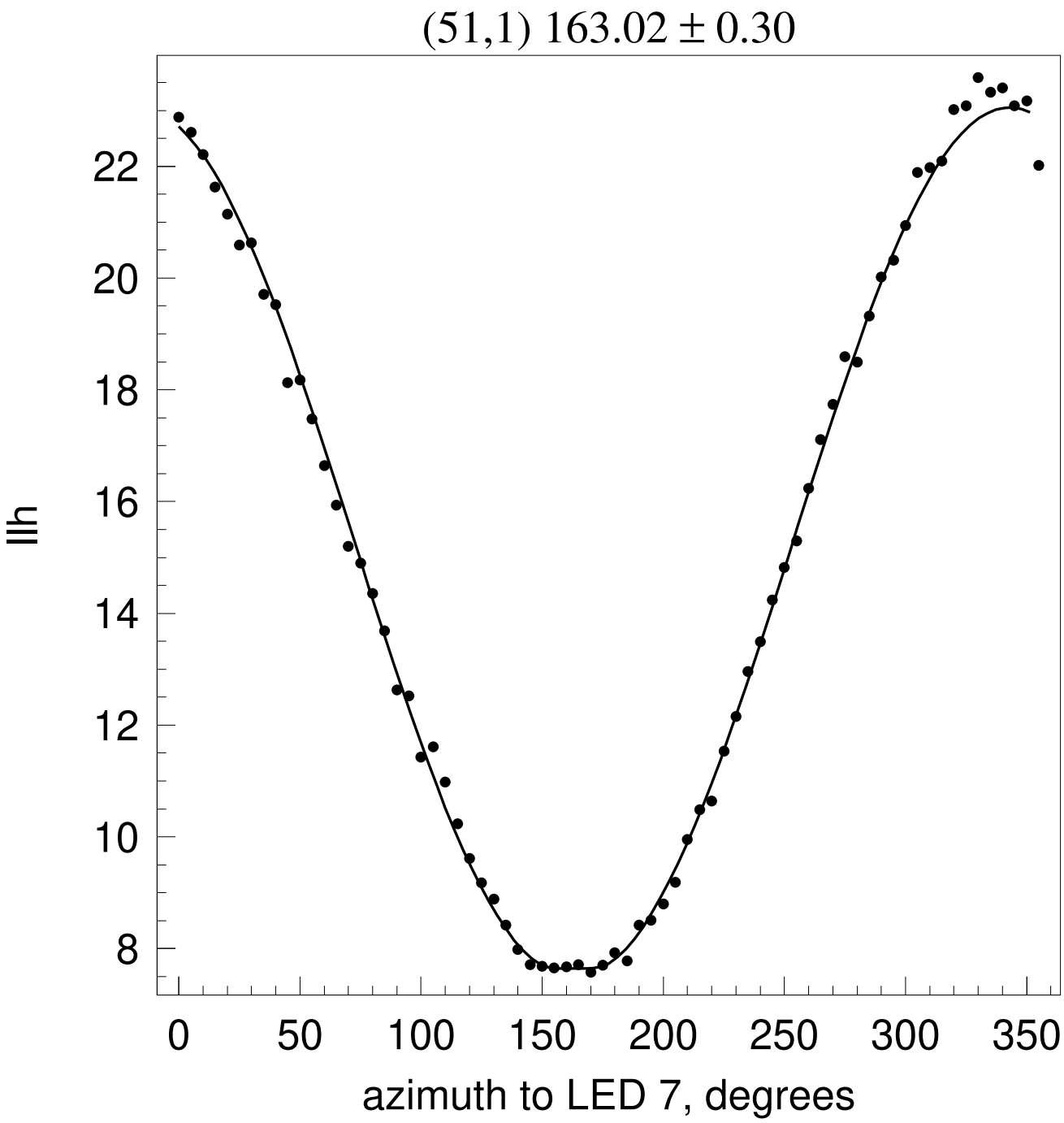

(50,56) 3.99 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

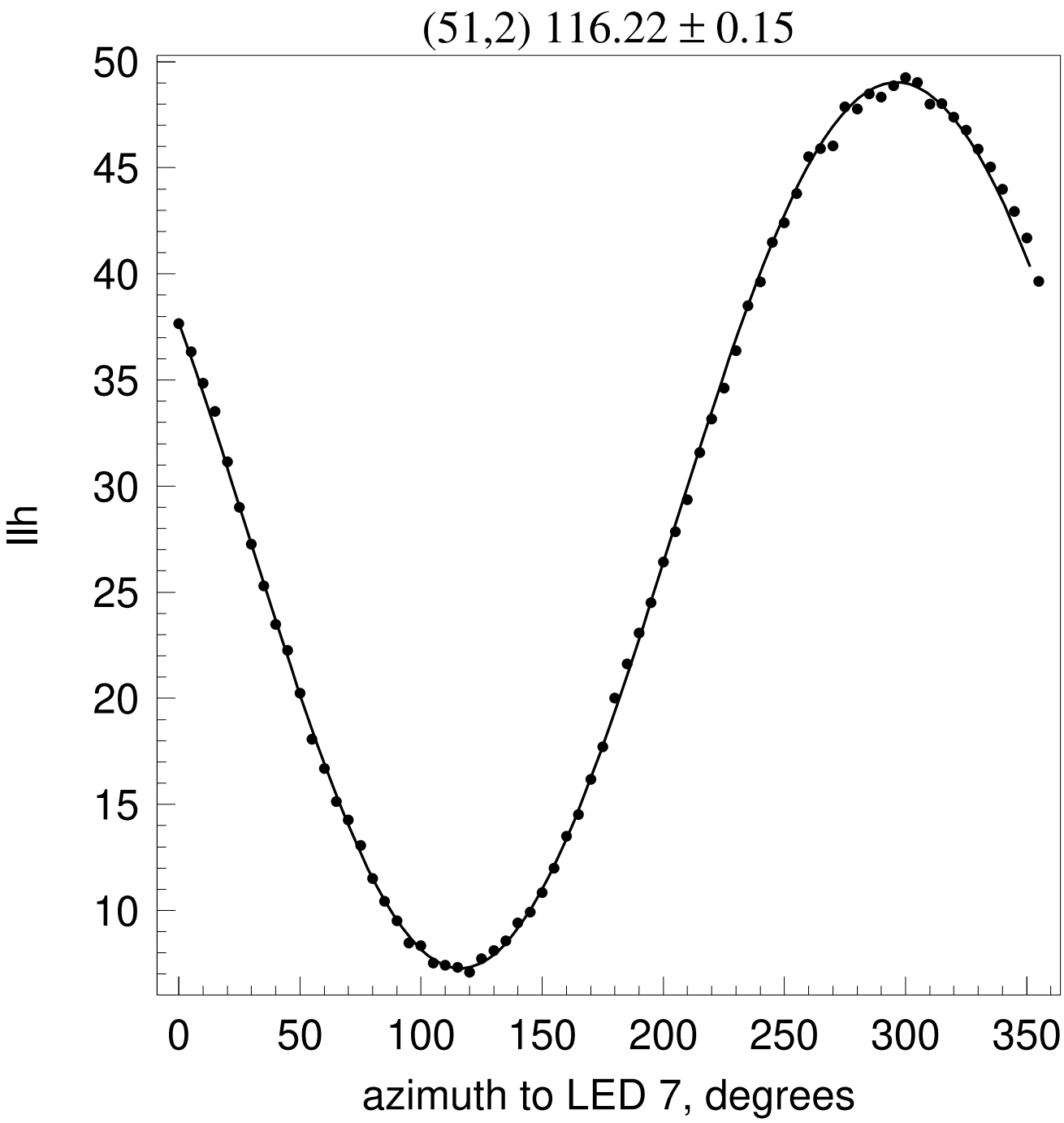

(50,57) 294.53 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

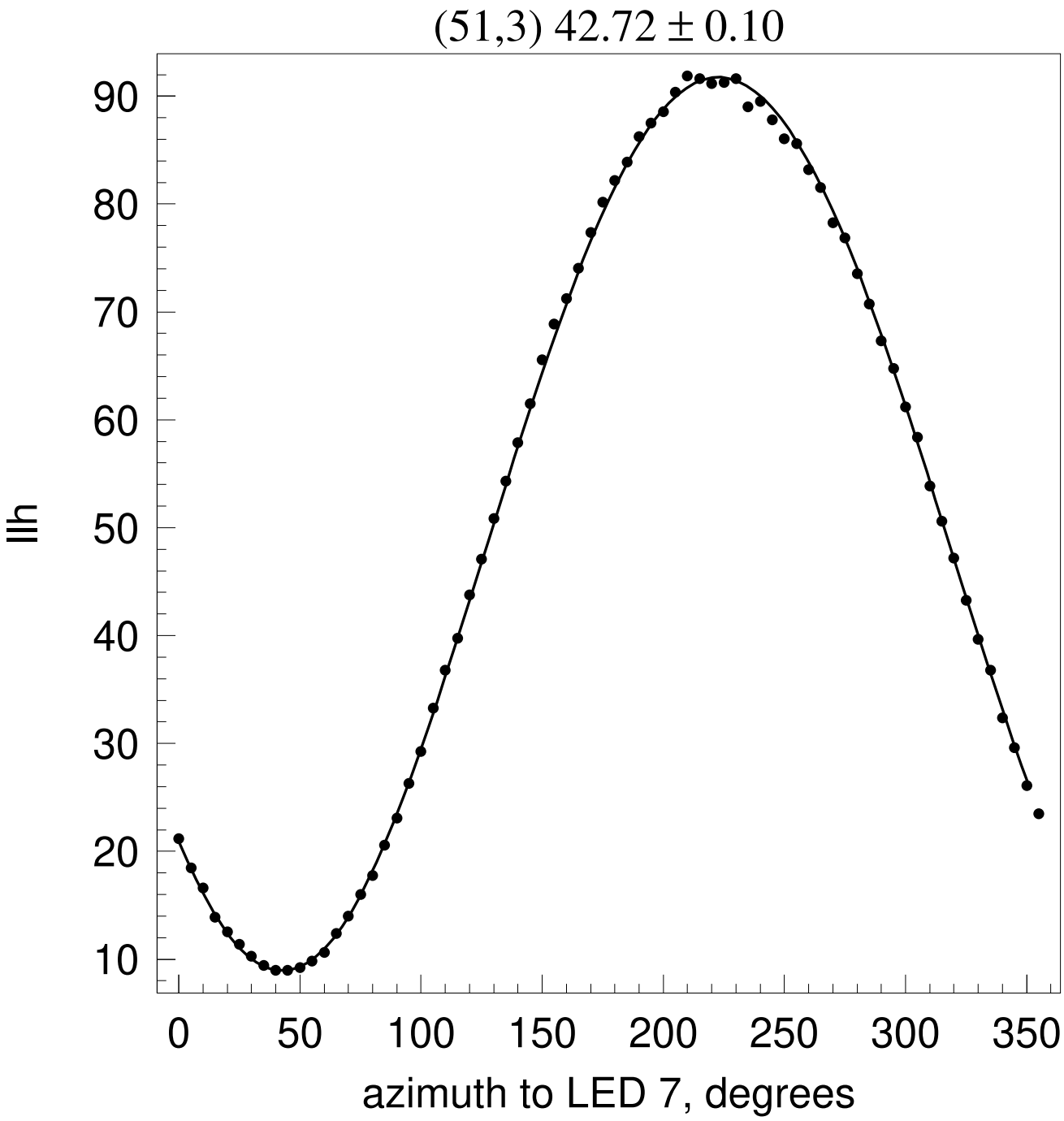

(50,58) 81.11 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

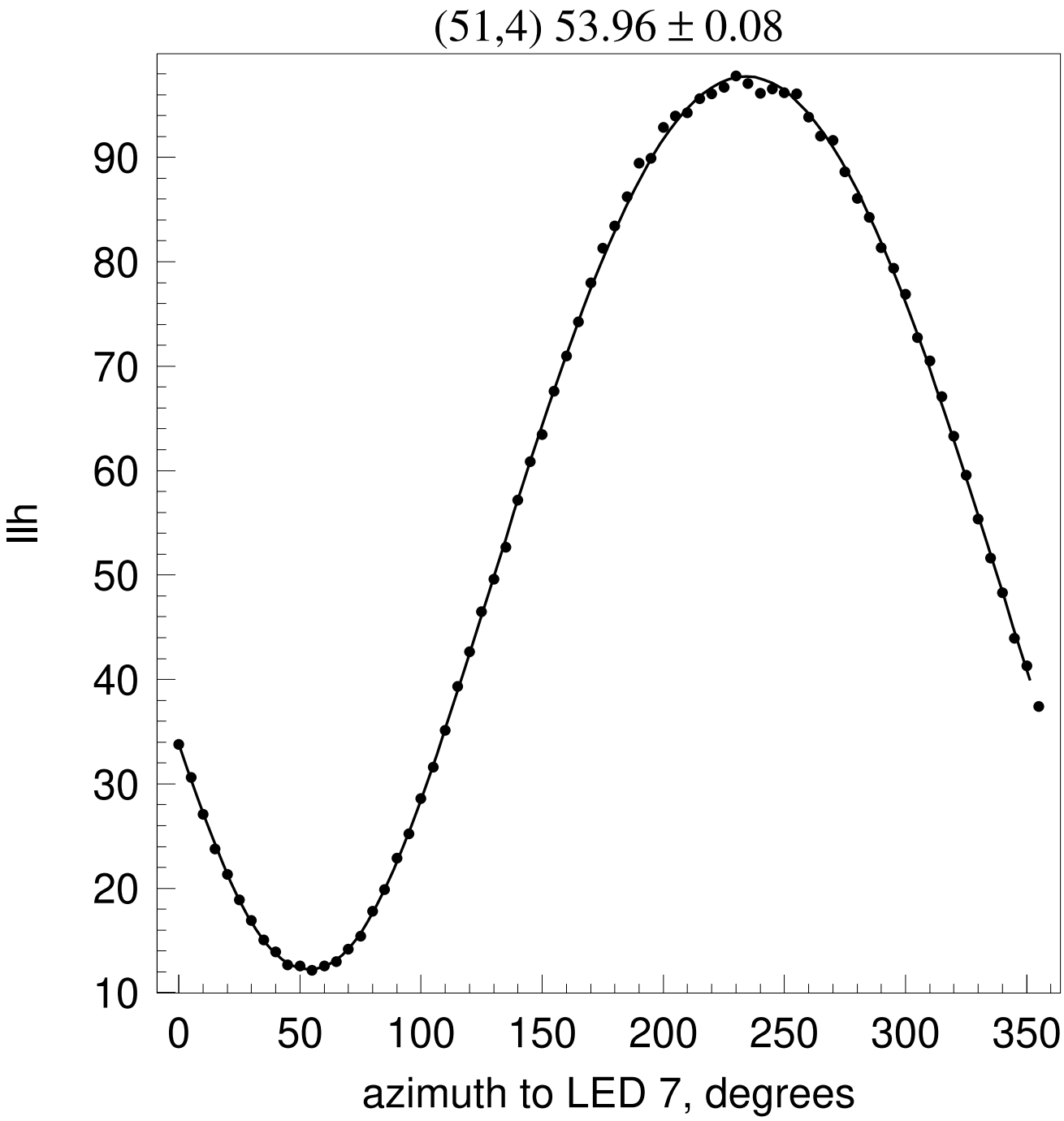

(50,59) 107.80 ± 2.50
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

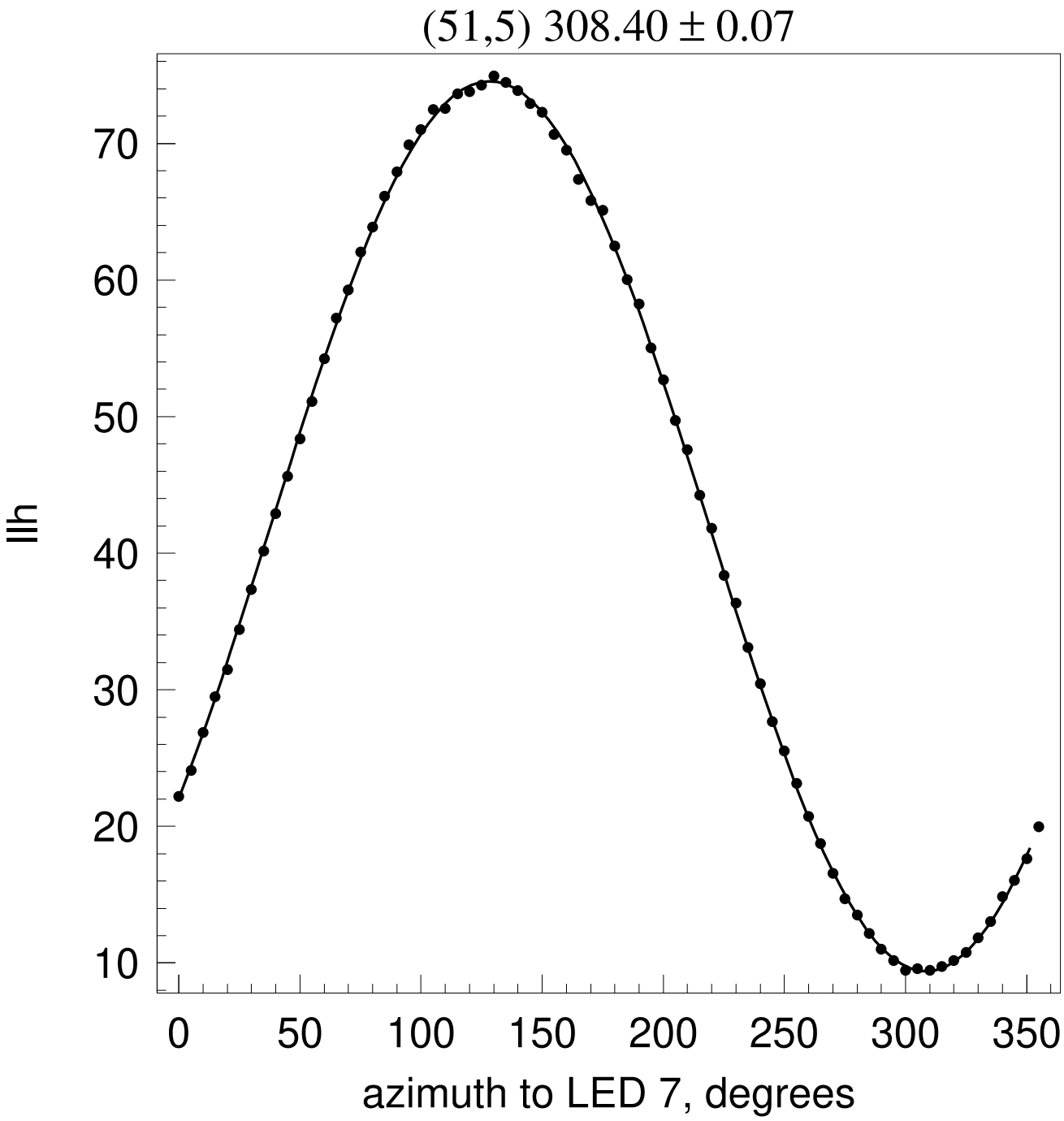

(50,60) 103.68 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

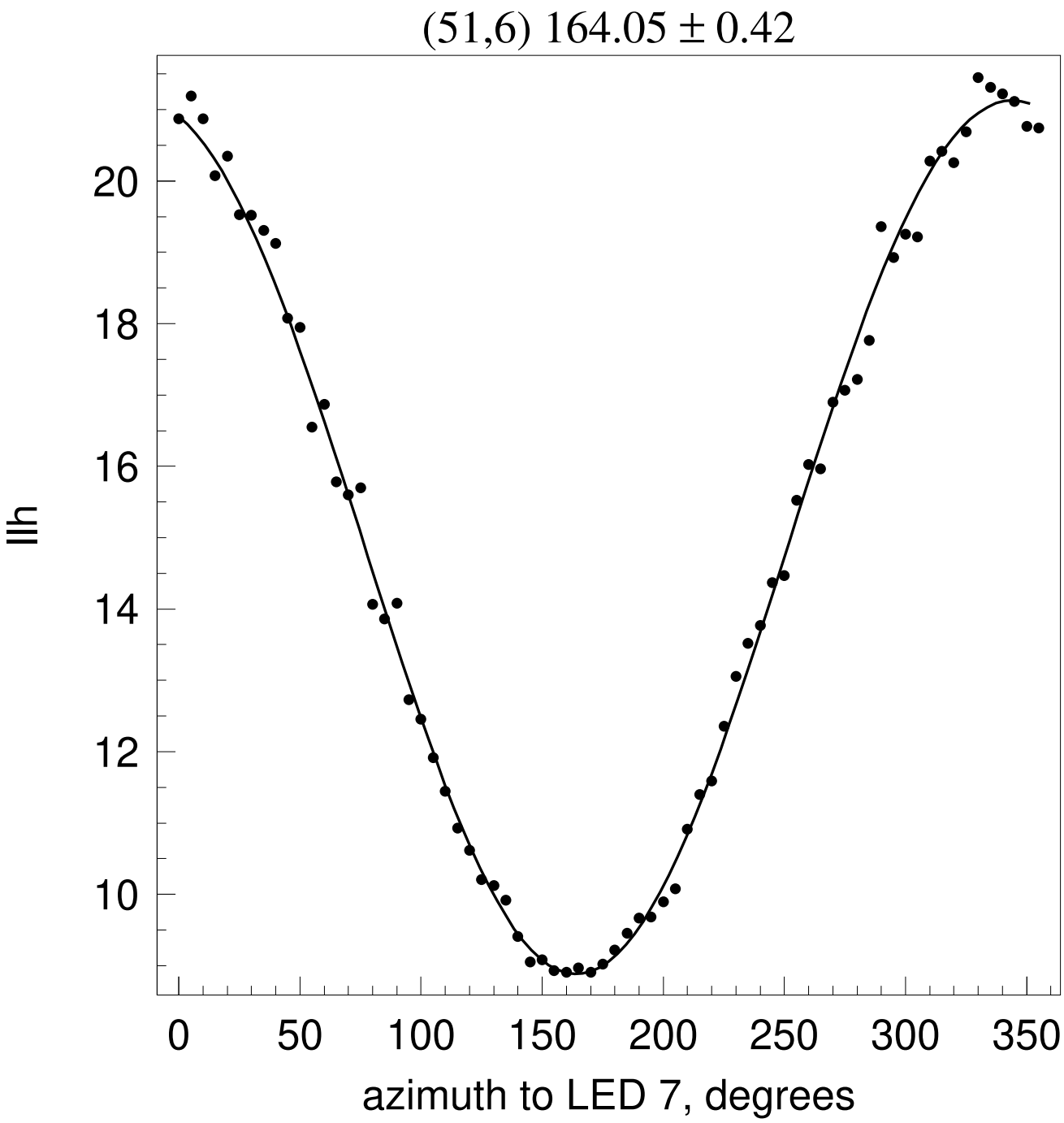

(51,1) 163.02 ± 0.30
llh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

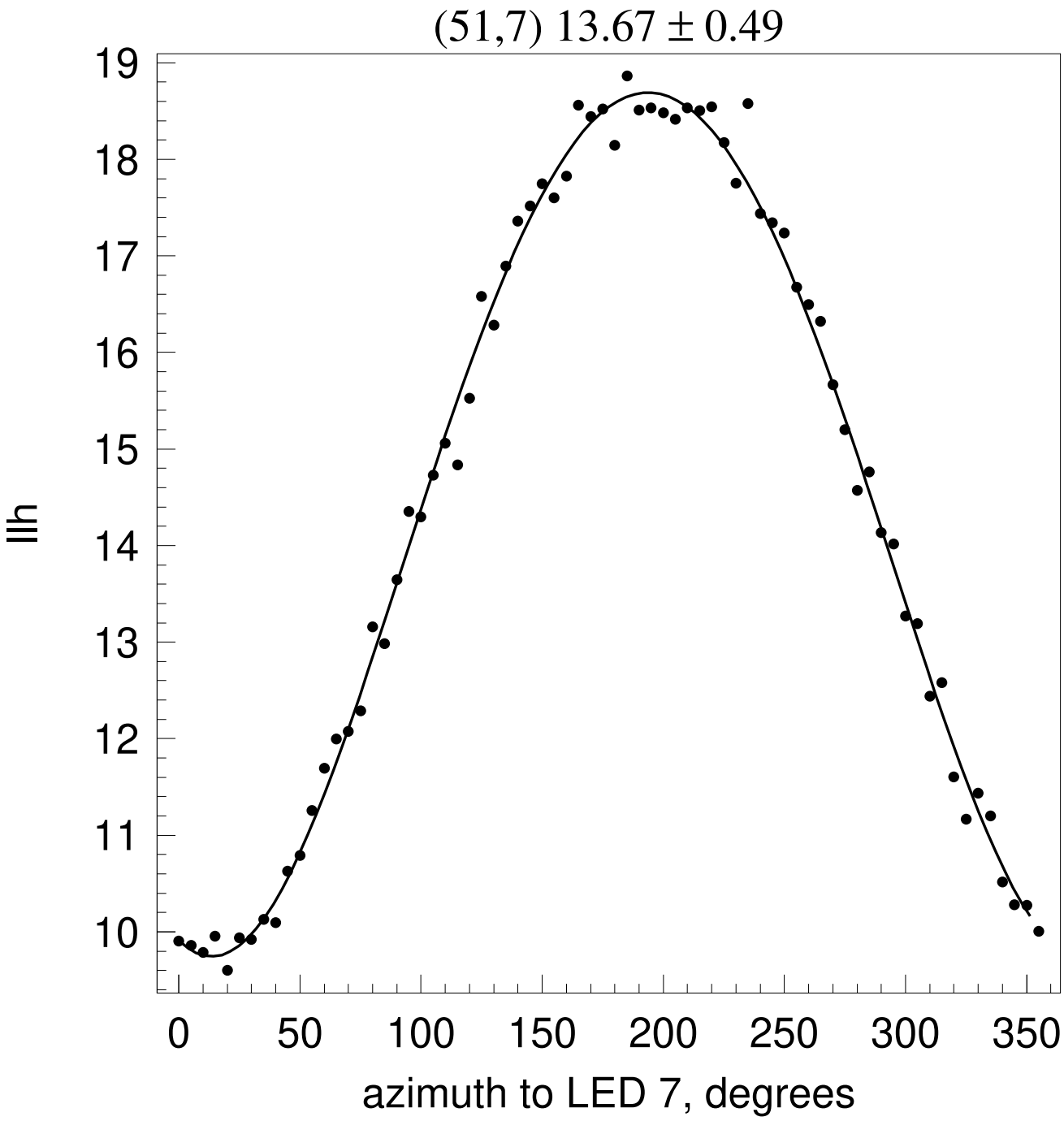

(51,2) 116.22 ± 0.15
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

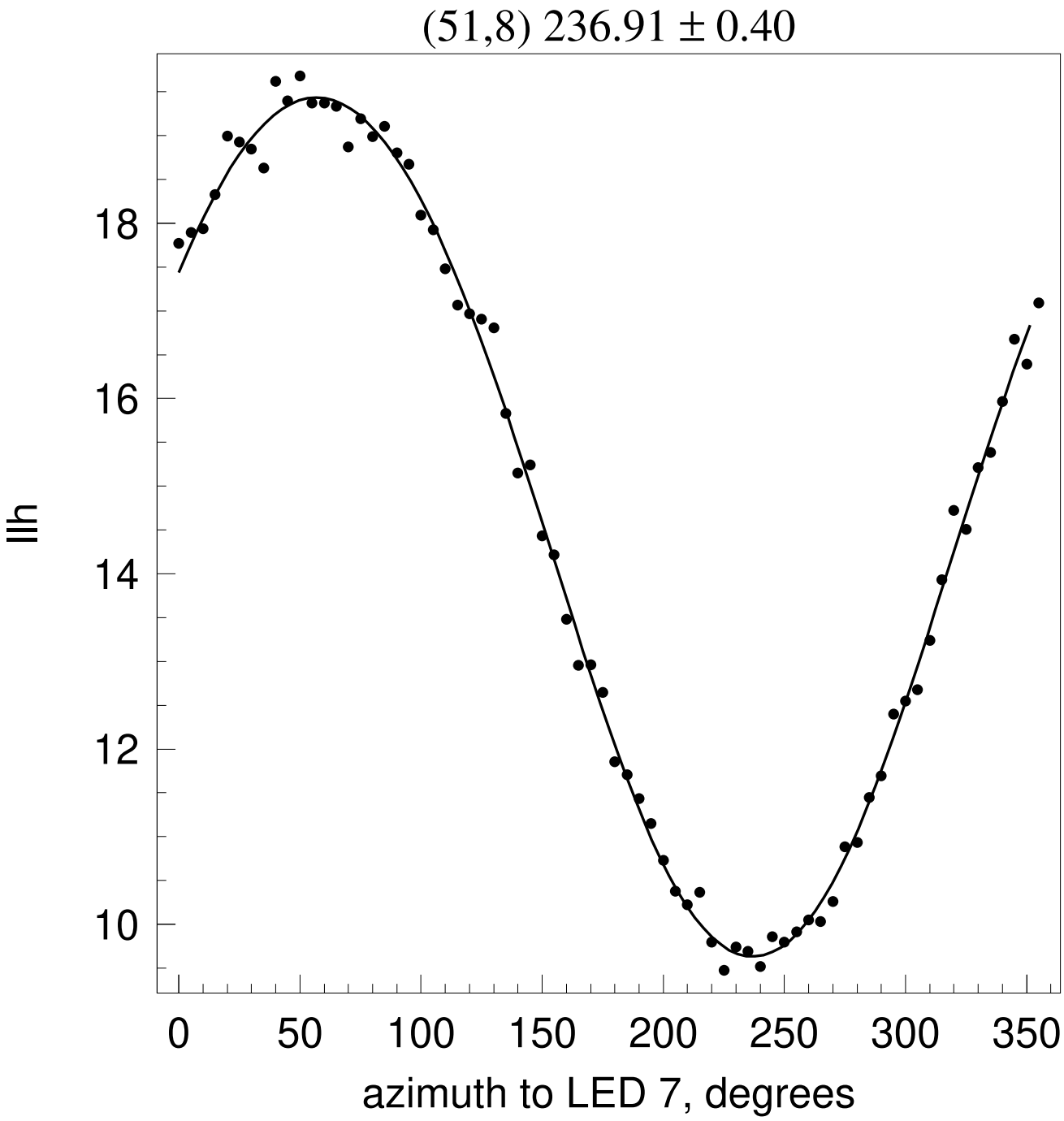

(51,3) 42.72 ± 0.10
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

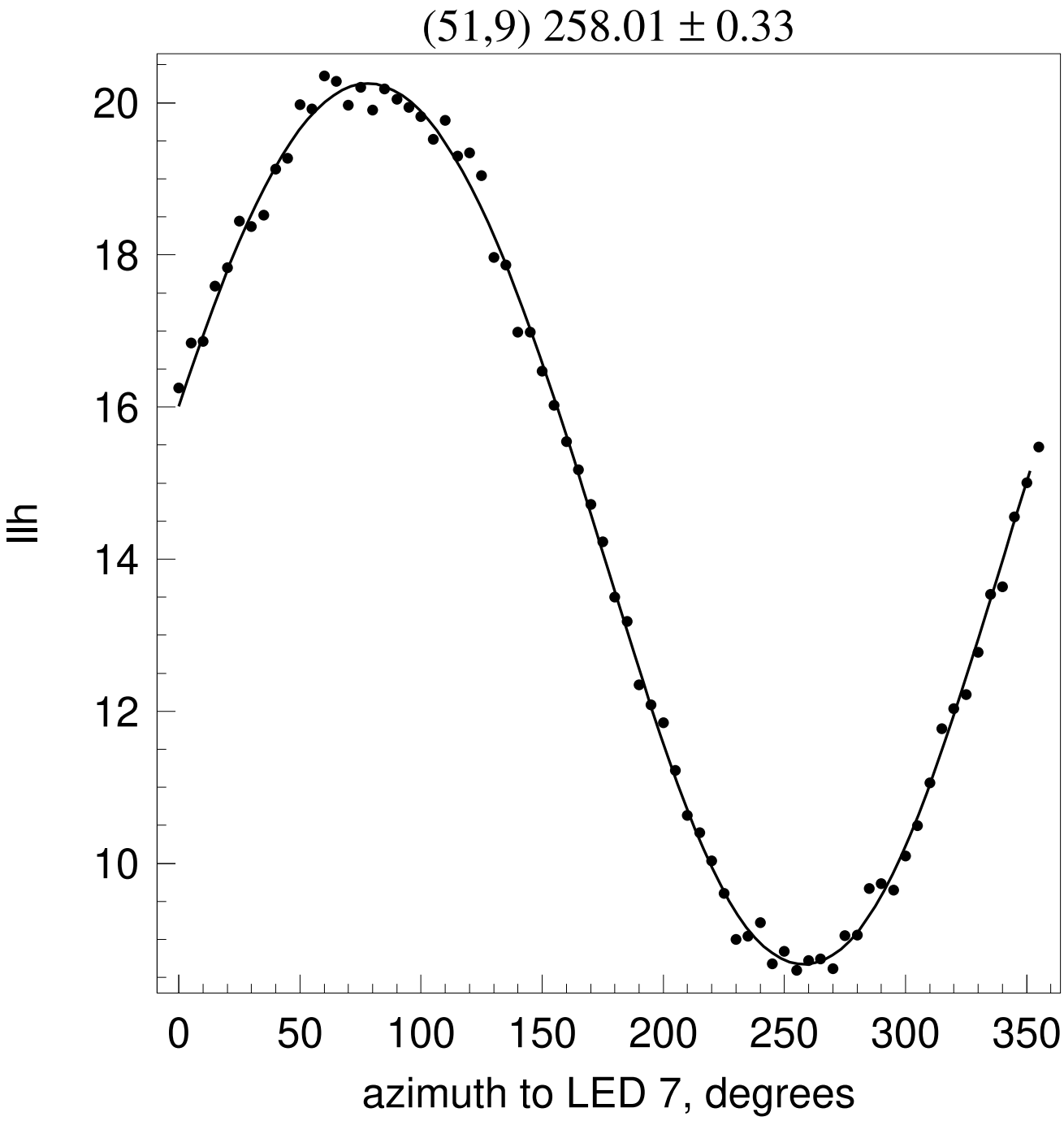

(51,4) 53.96 ± 0.08
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

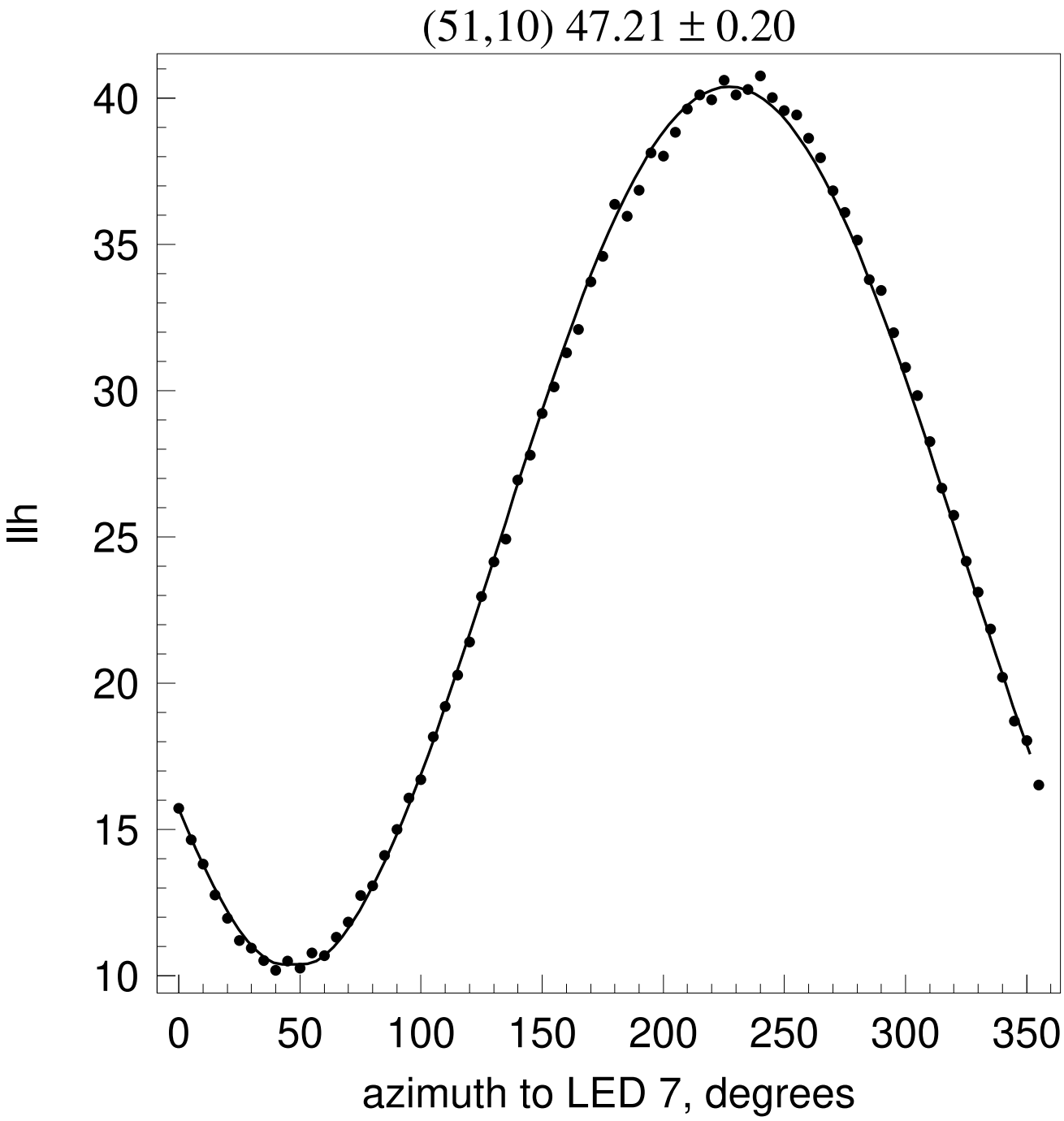

(51,5) 308.40 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

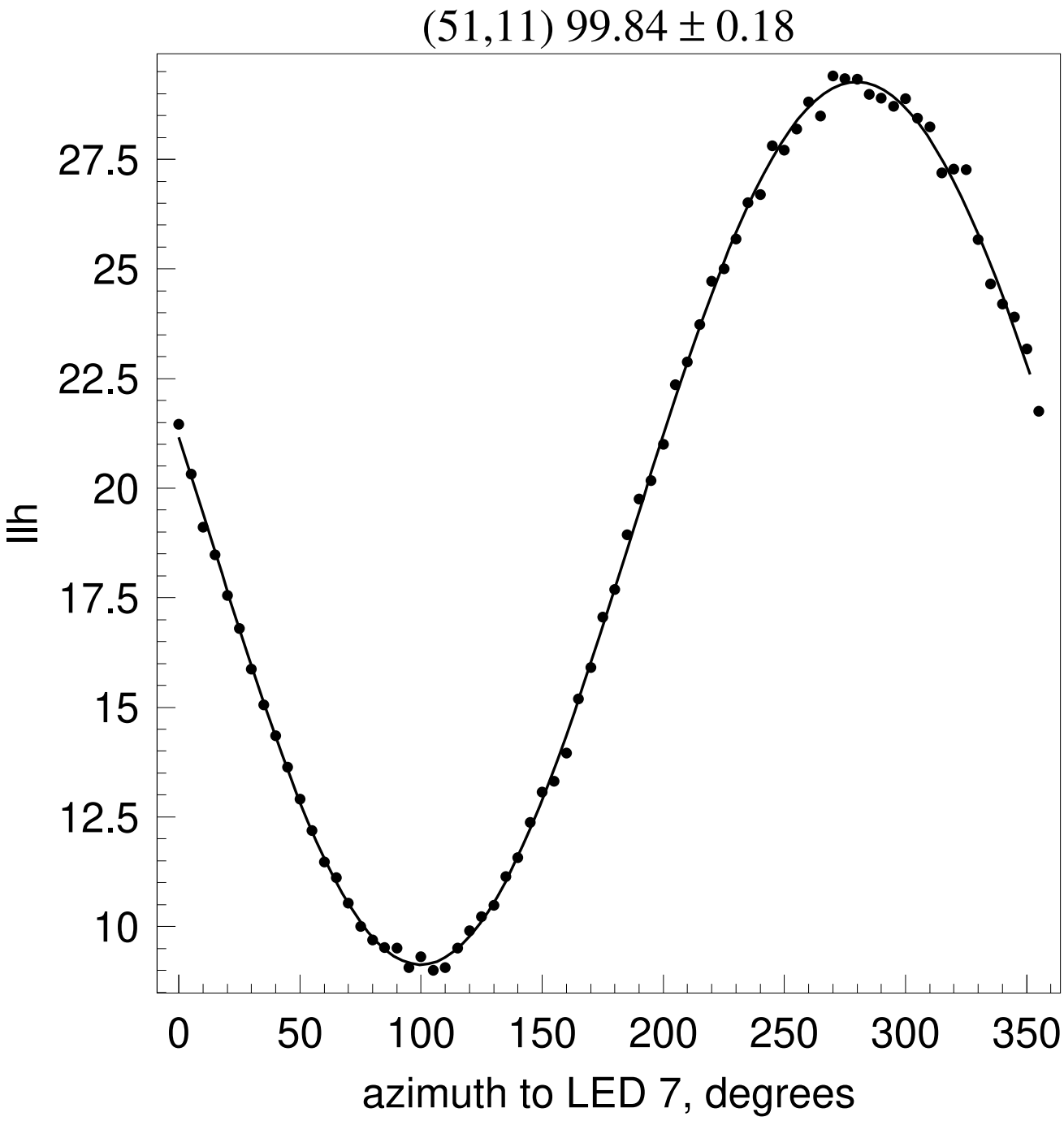

(51,6) 164.05 ± 0.42
llh
20
18
16
14
12
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

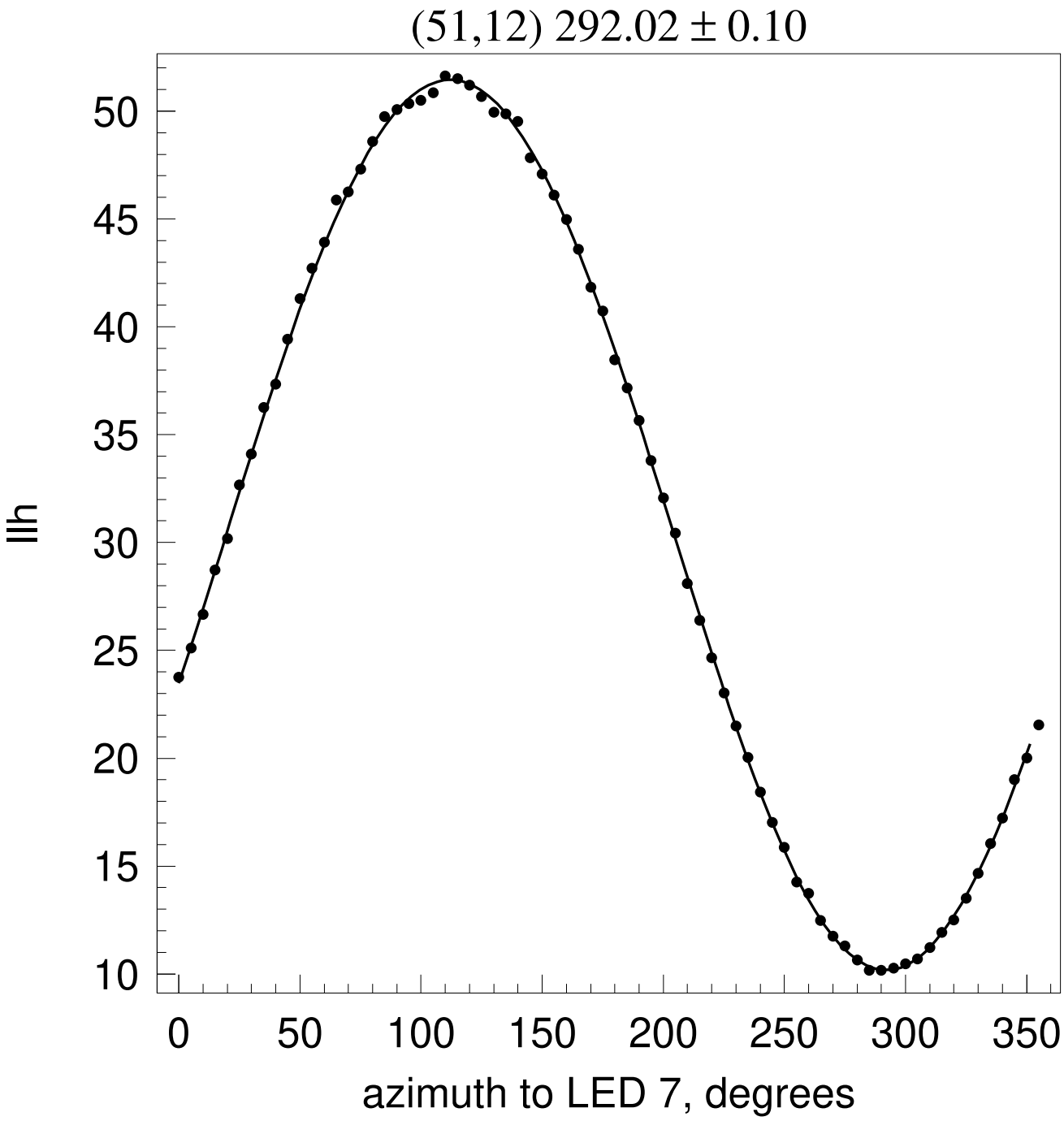

(51,7) 13.67 ± 0.49
19
18
17
16
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

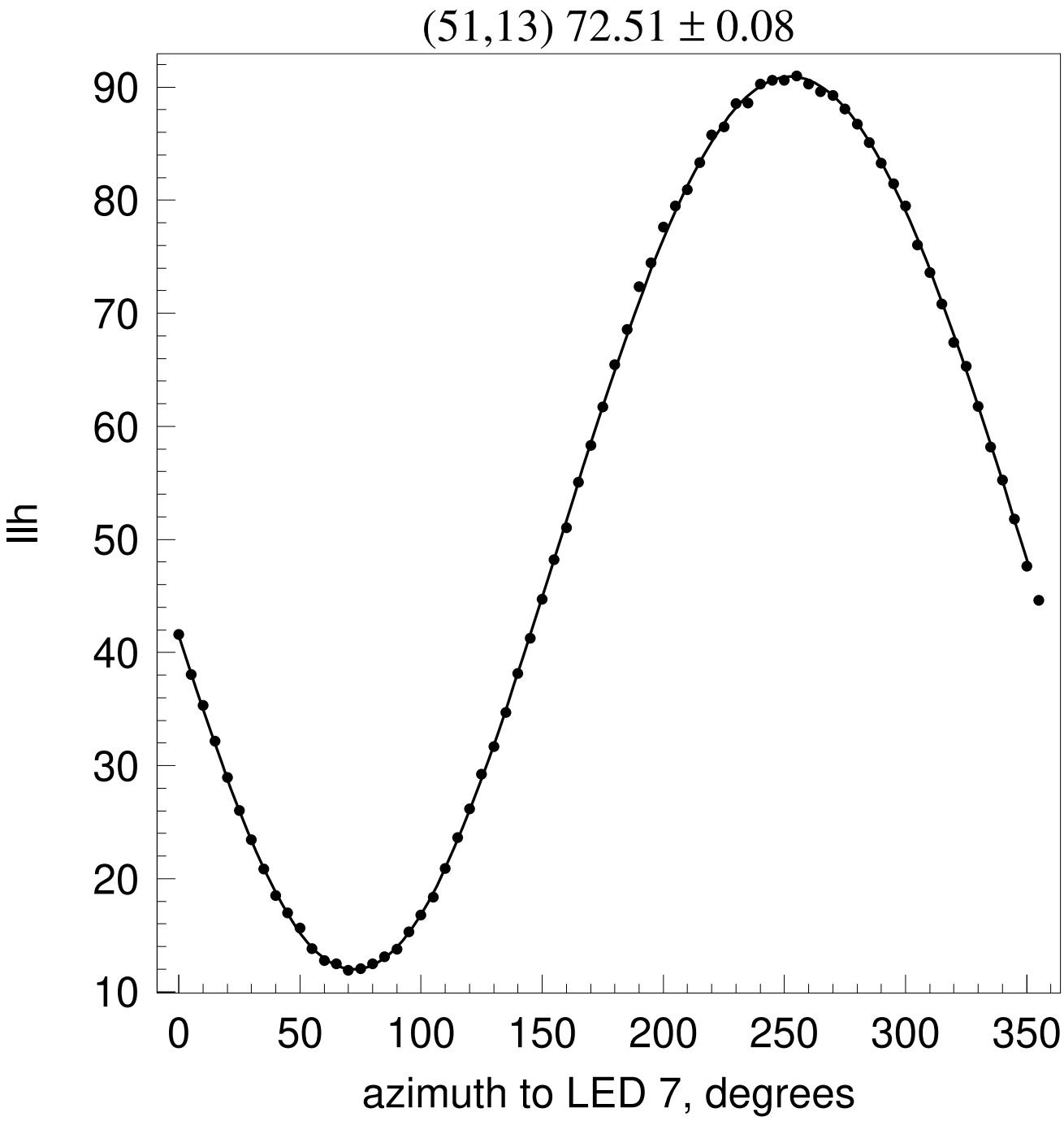

(51,8) 236.91 ± 0.40
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

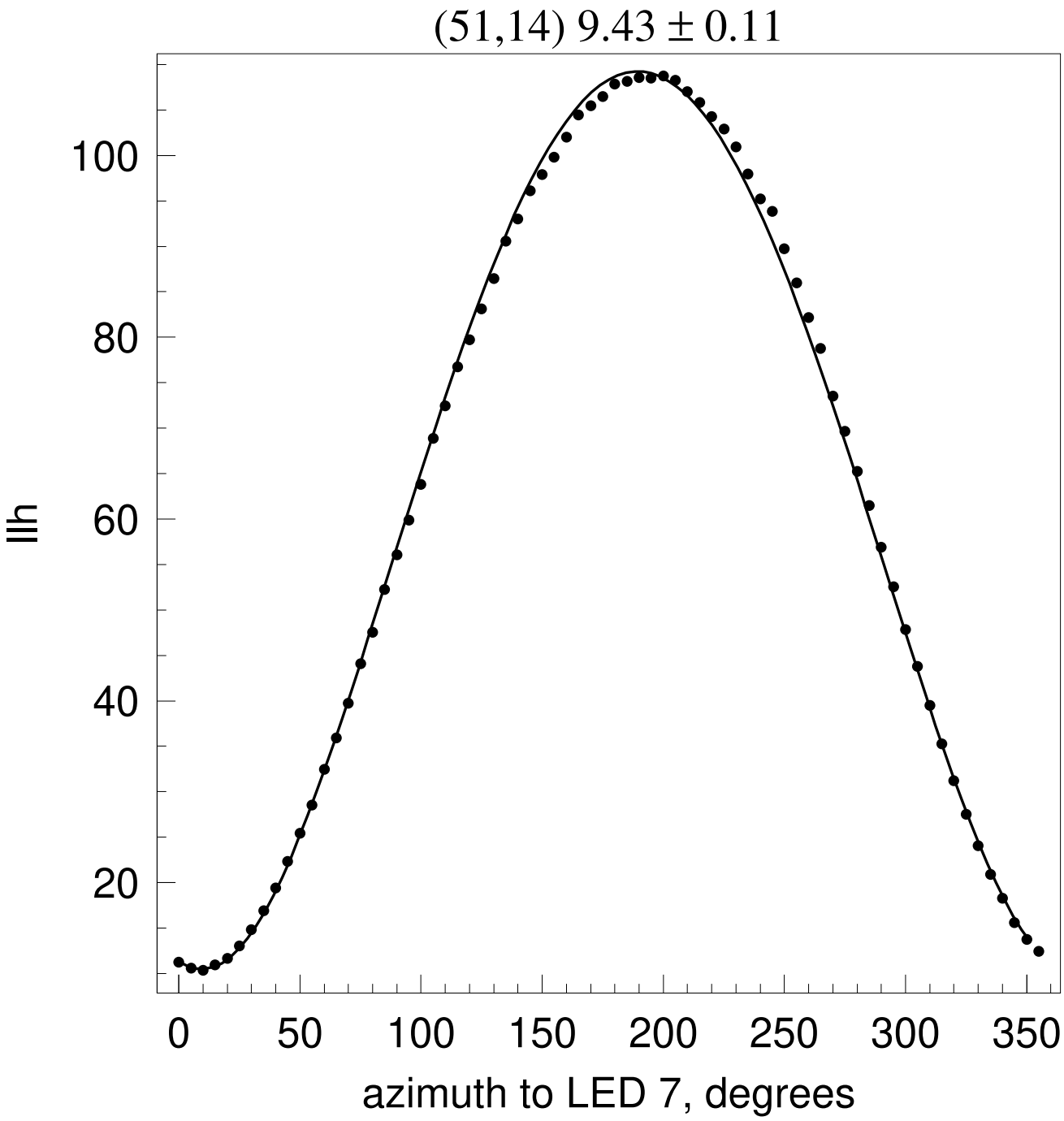

(51,9) 258.01 ± 0.33
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

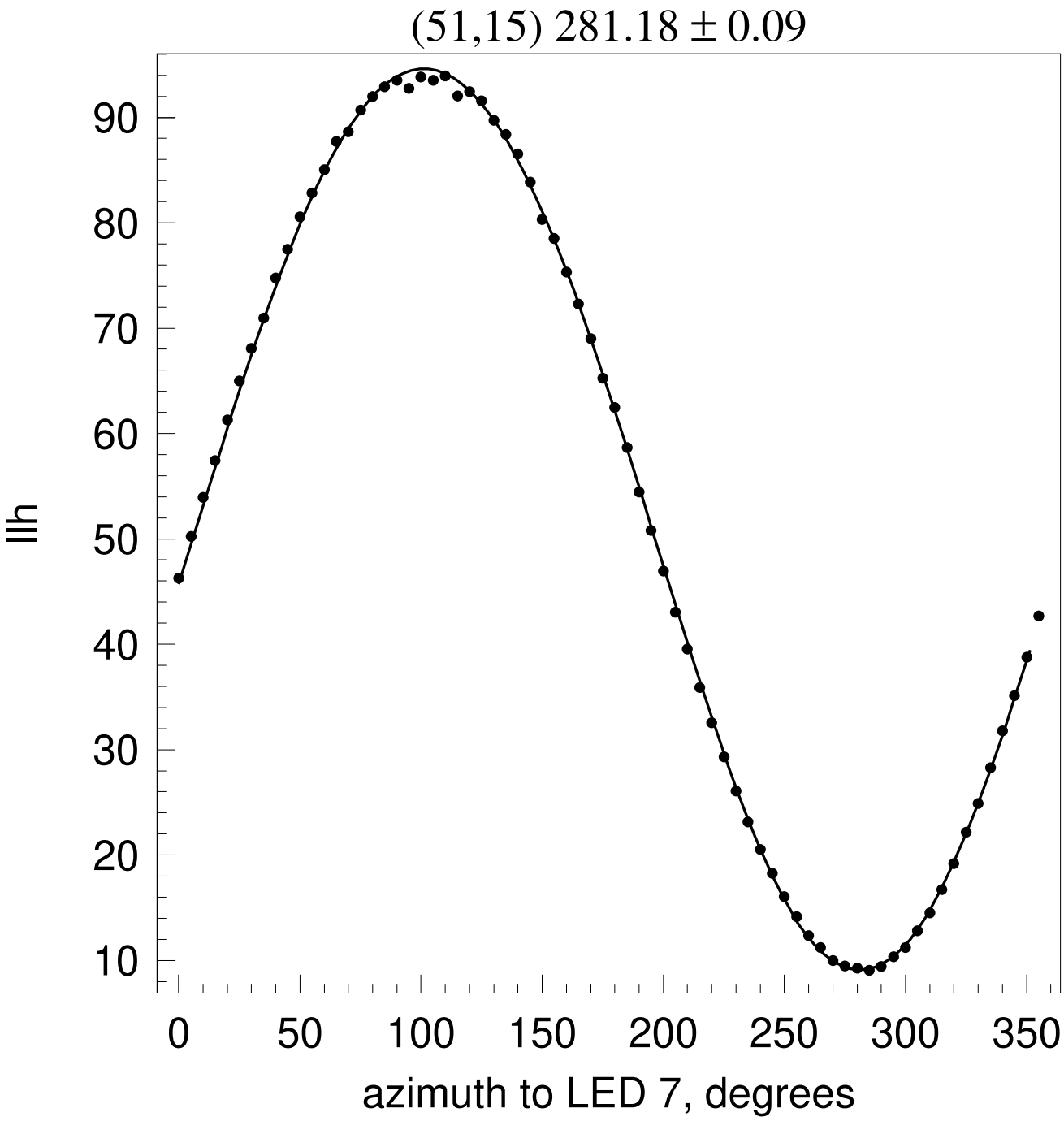

(51,10) 47.21 ± 0.20
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

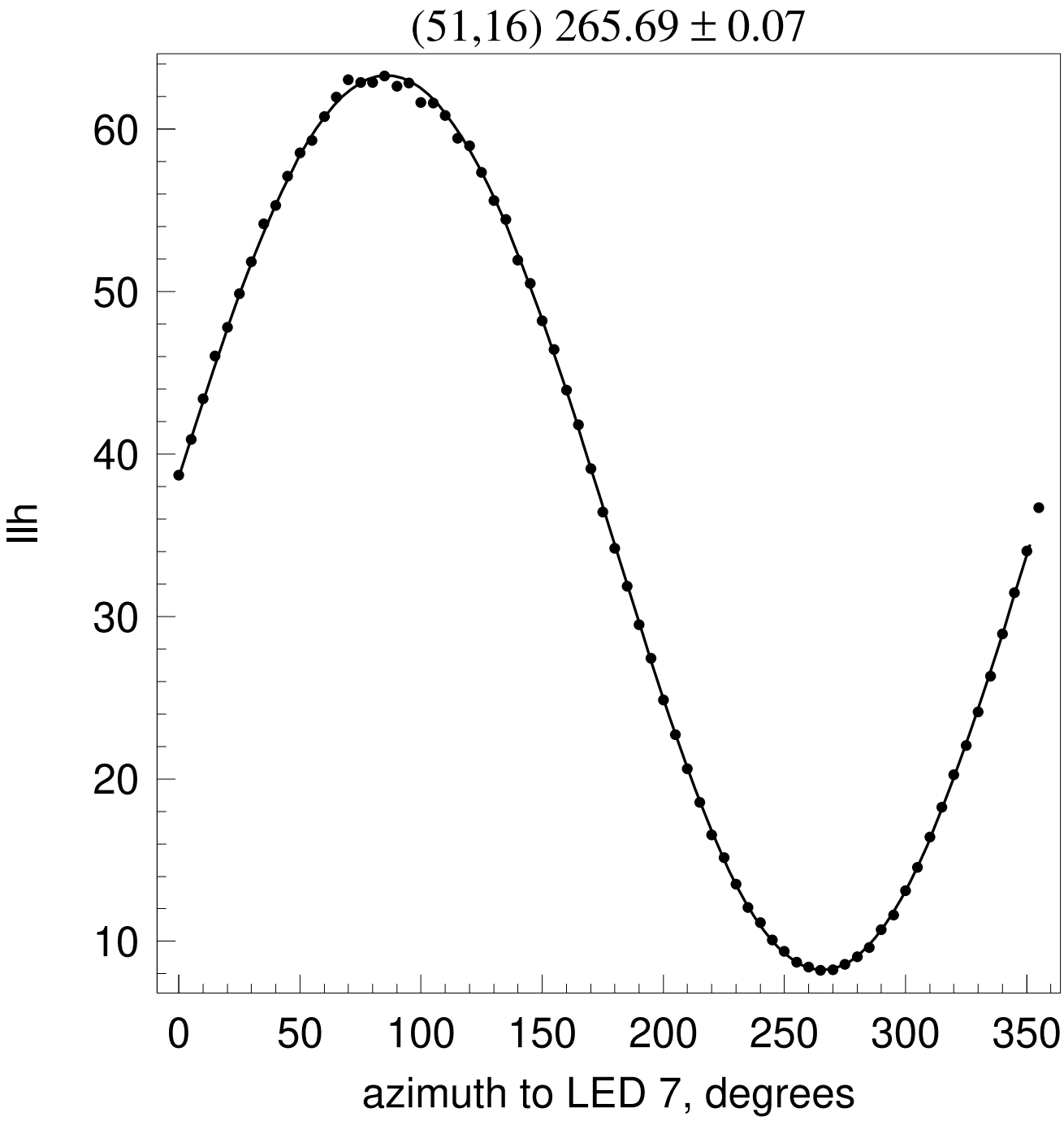

(51,11) 99.84 ± 0.18
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

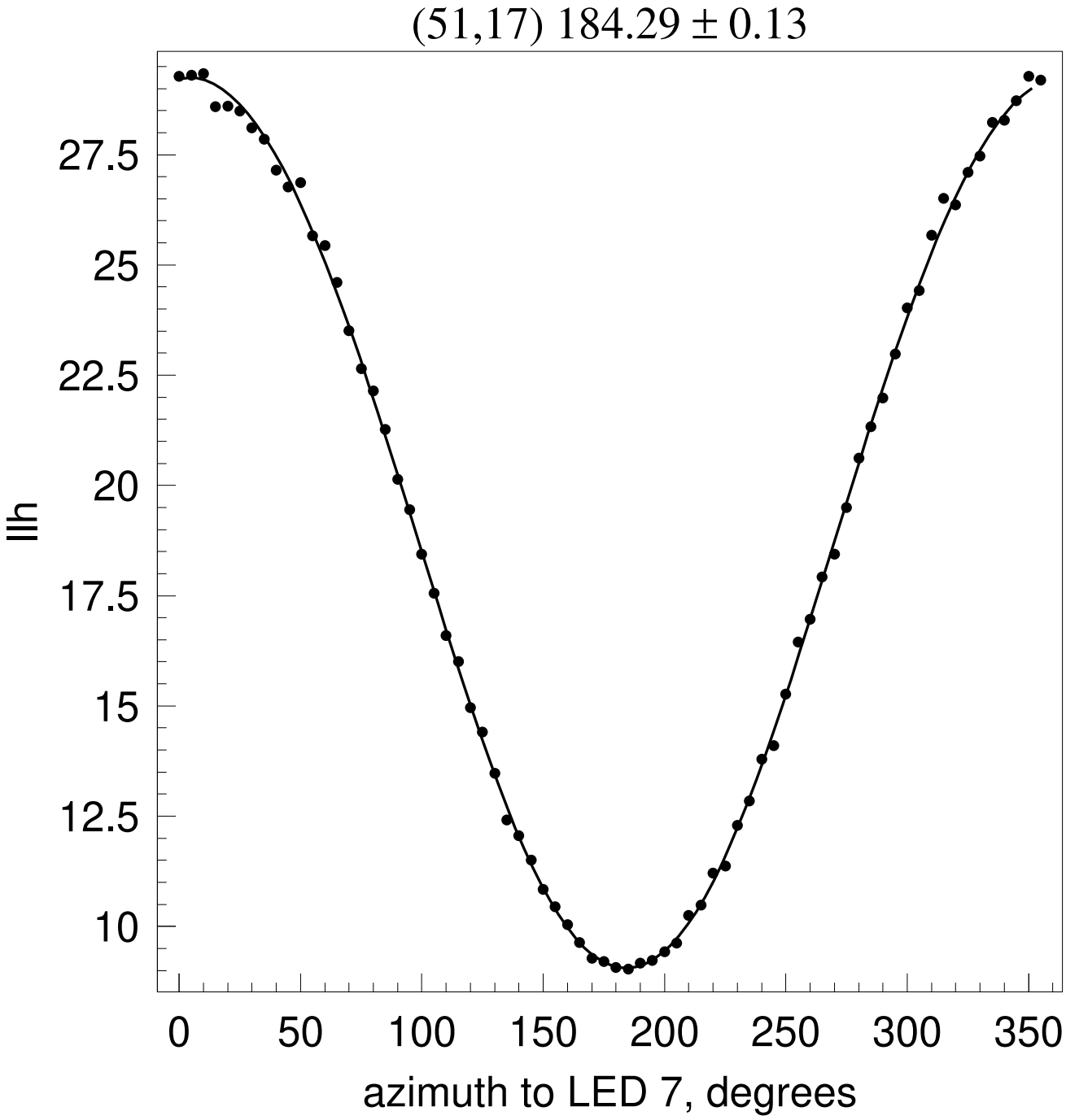

(51,12) 292.02 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

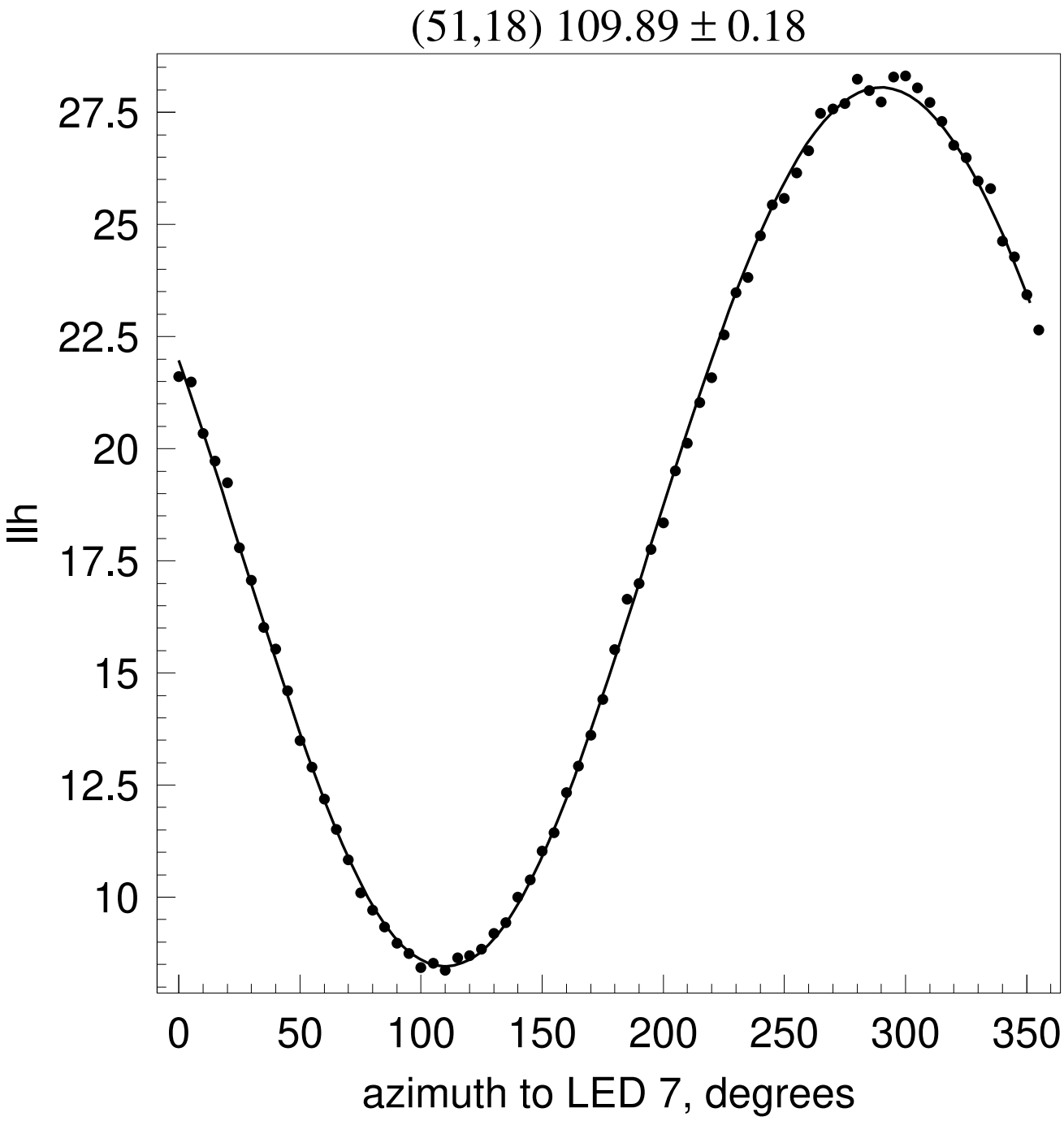

(51,13) 72.51 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

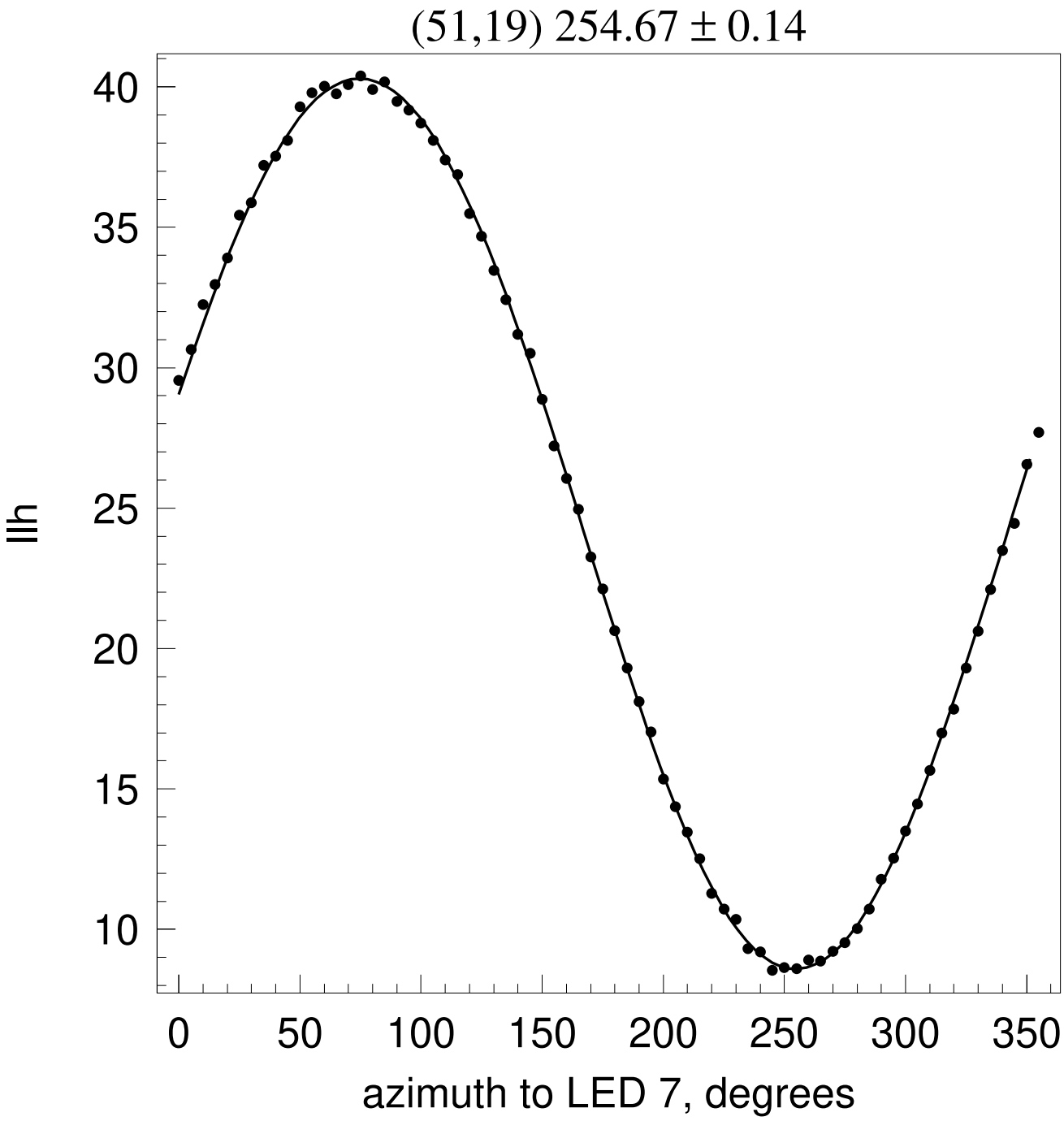

(51,14) 9.43 ± 0.11
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

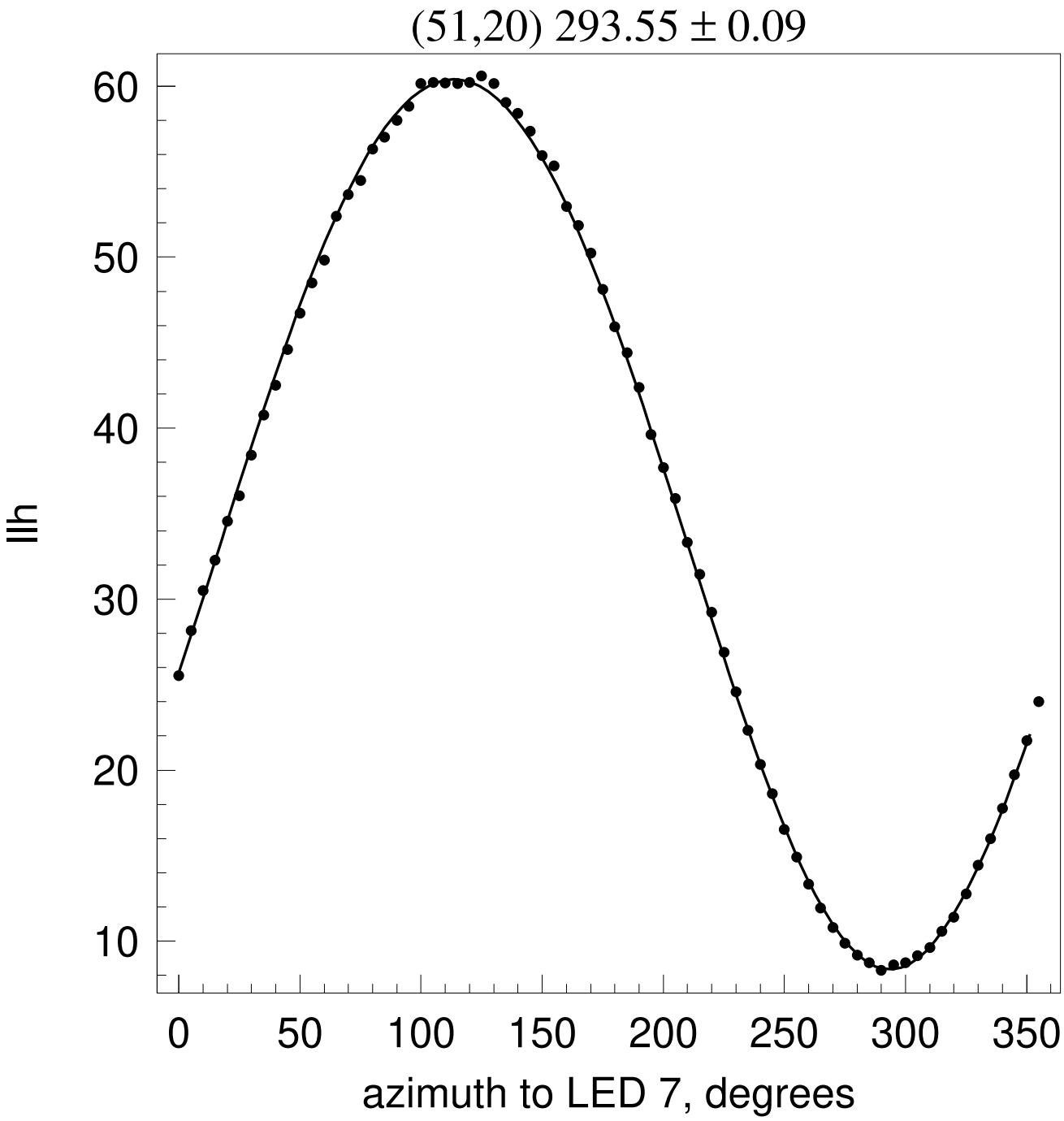

(51,15) 281.18 ± 0.09
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

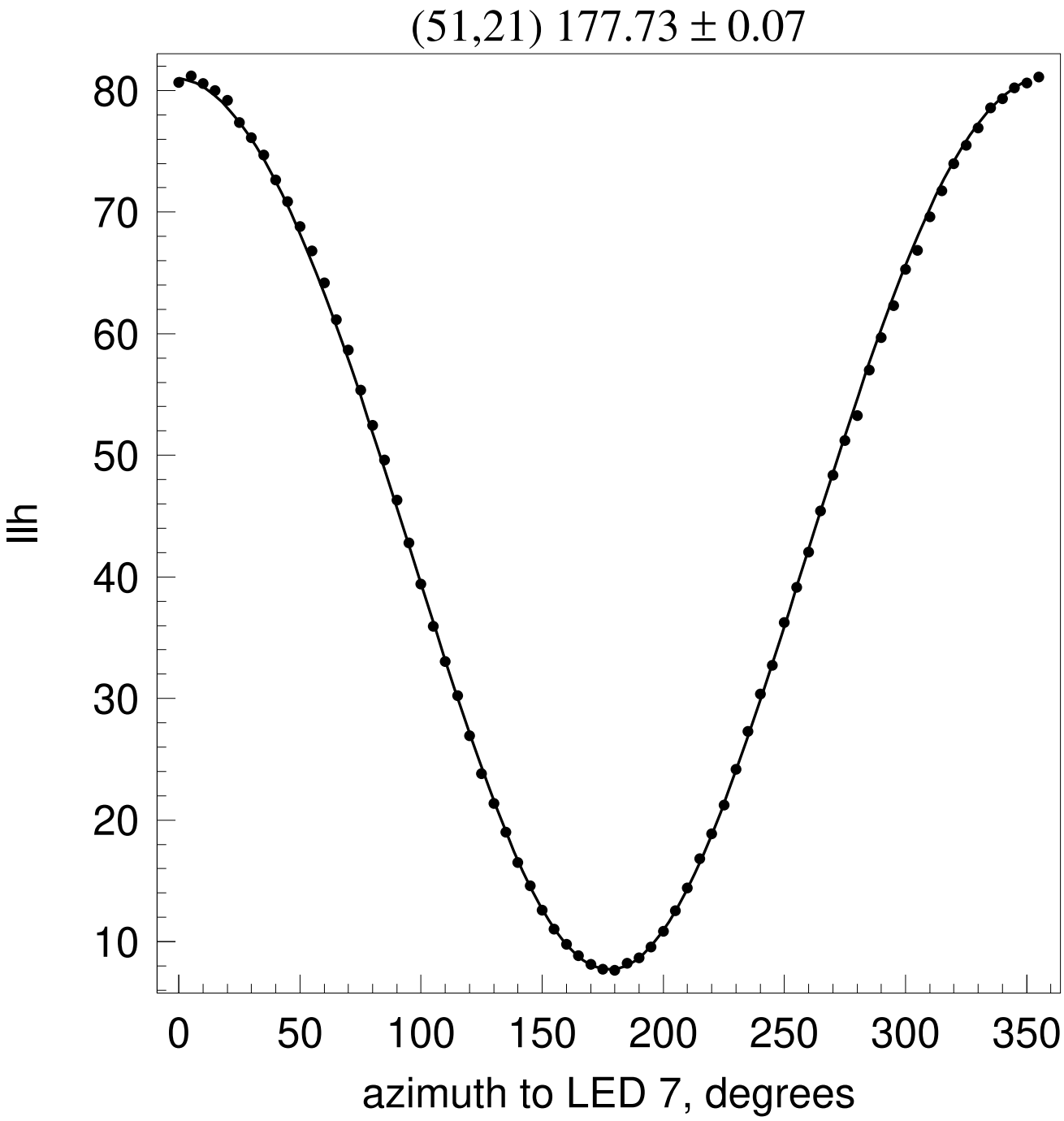

(51,16) 265.69 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

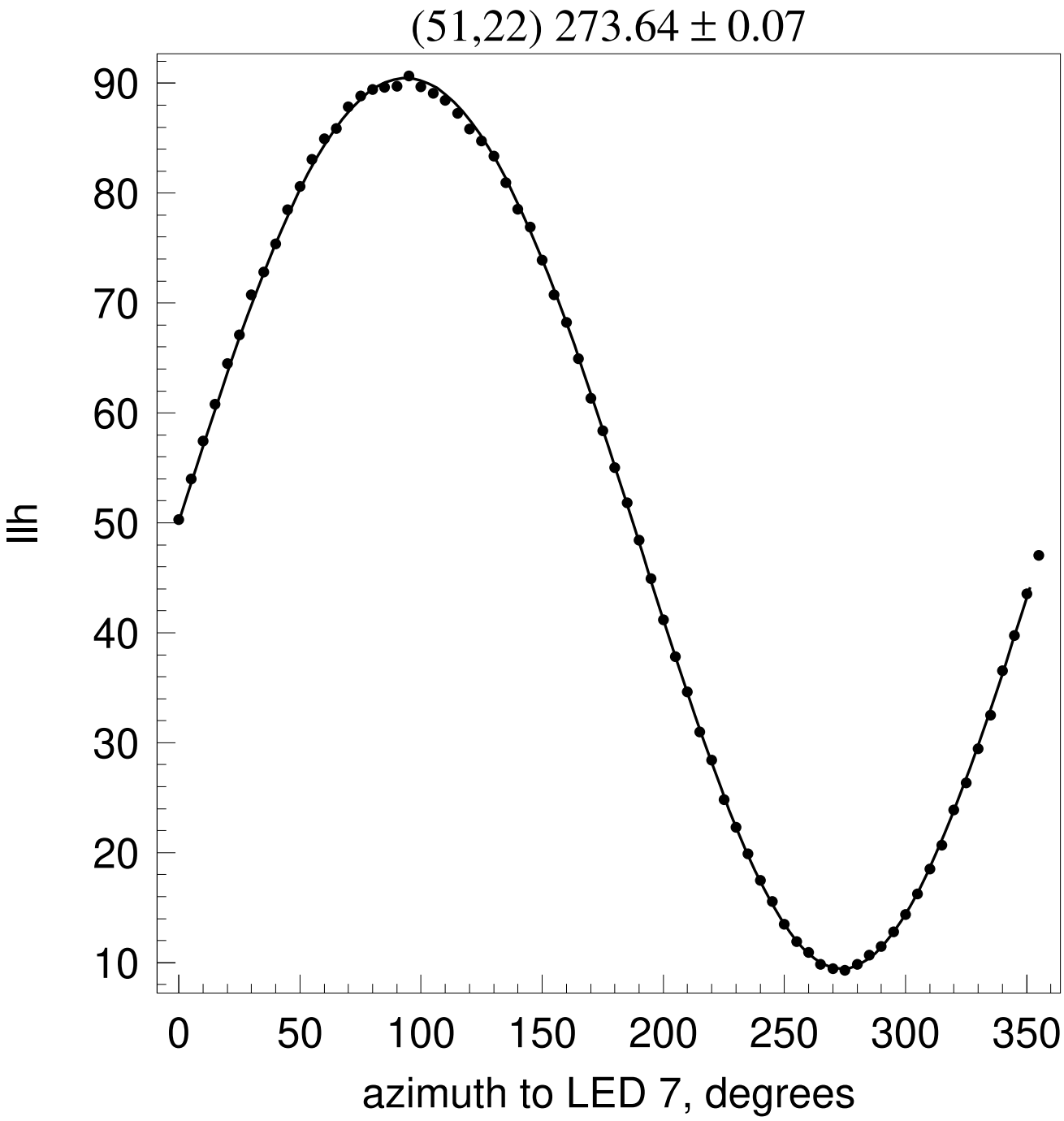

(51,17) 184.29 ± 0.13
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

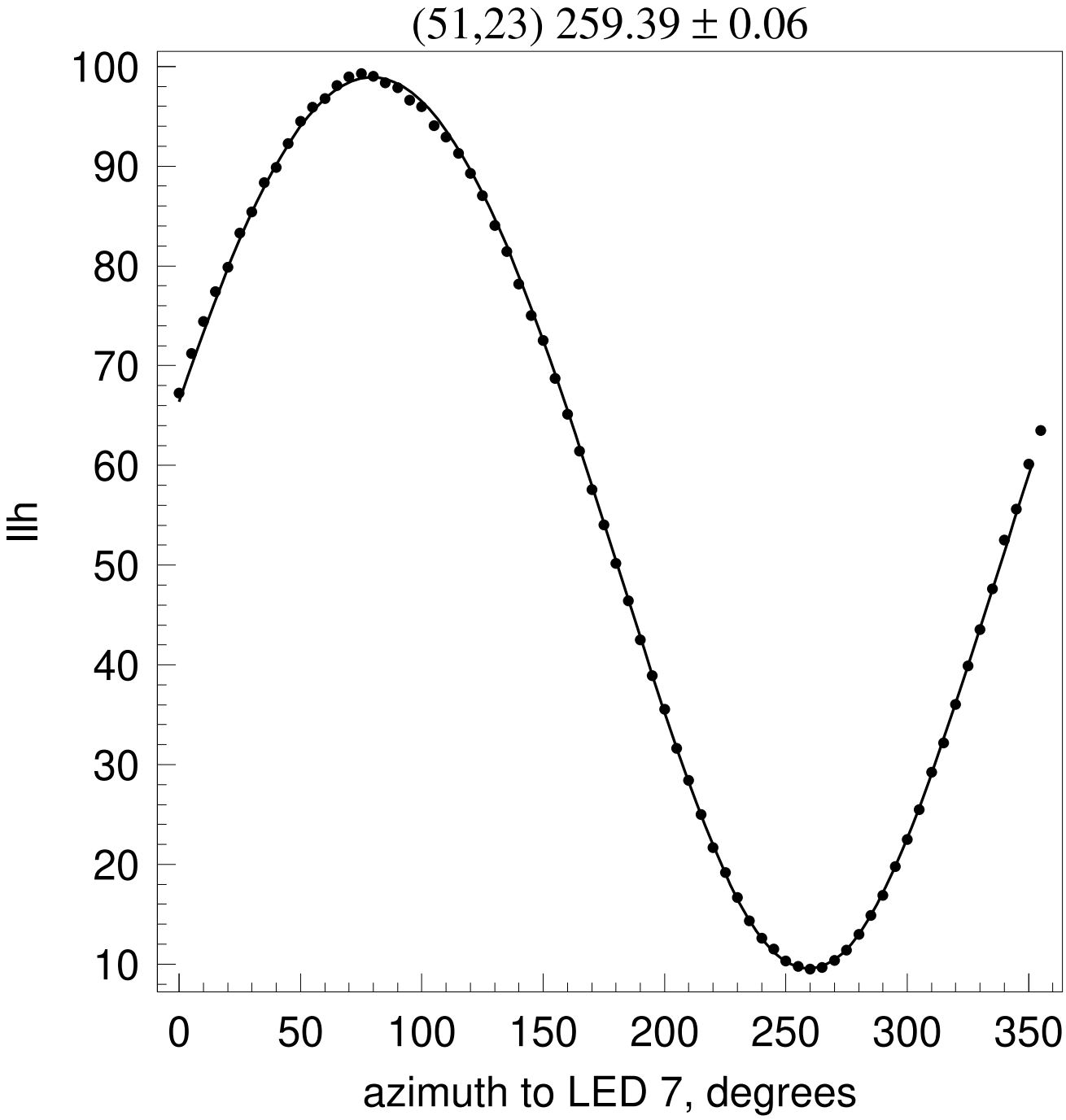

(51,18) 109.89 ± 0.18
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

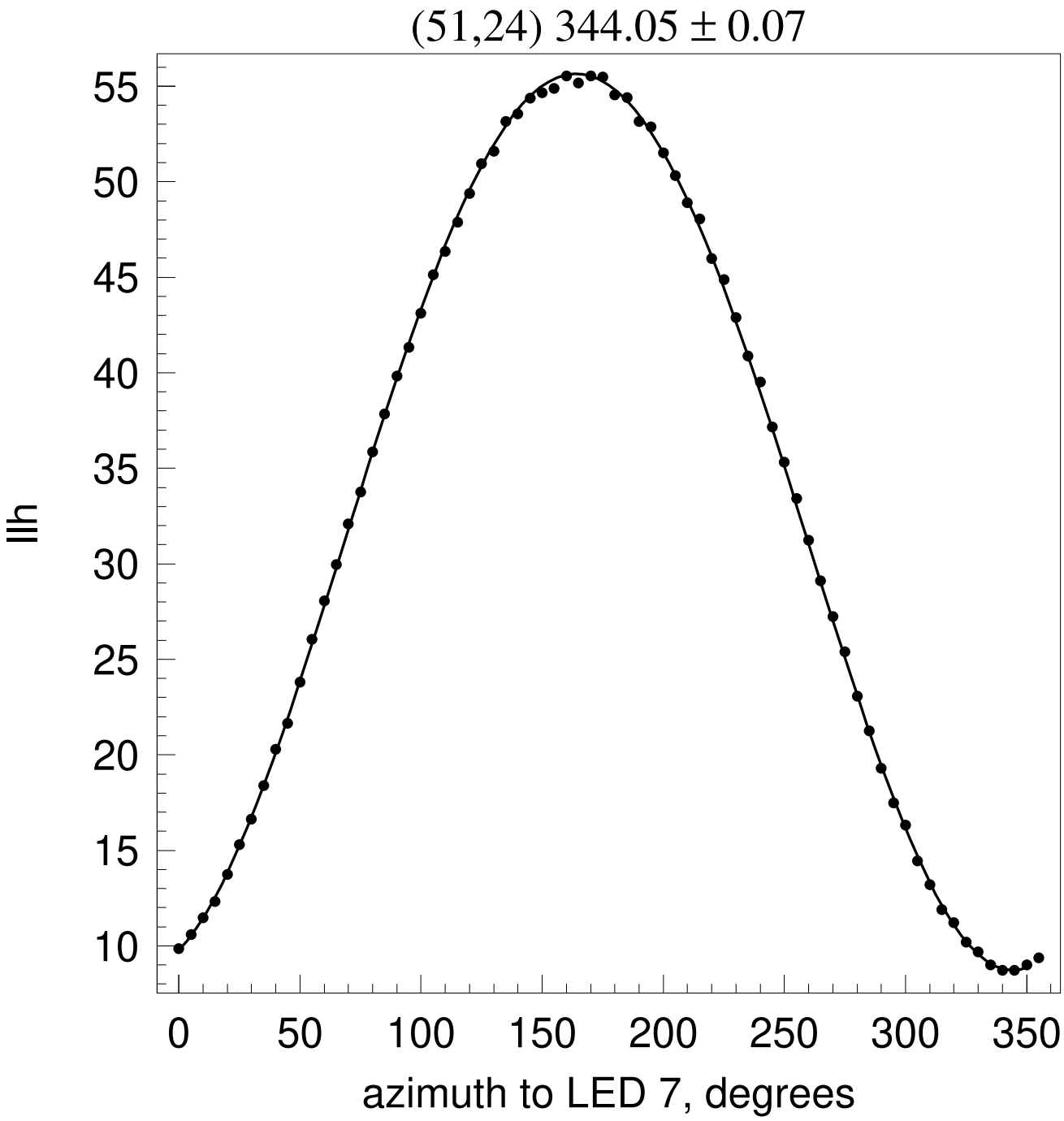

(51,19) 254.67 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

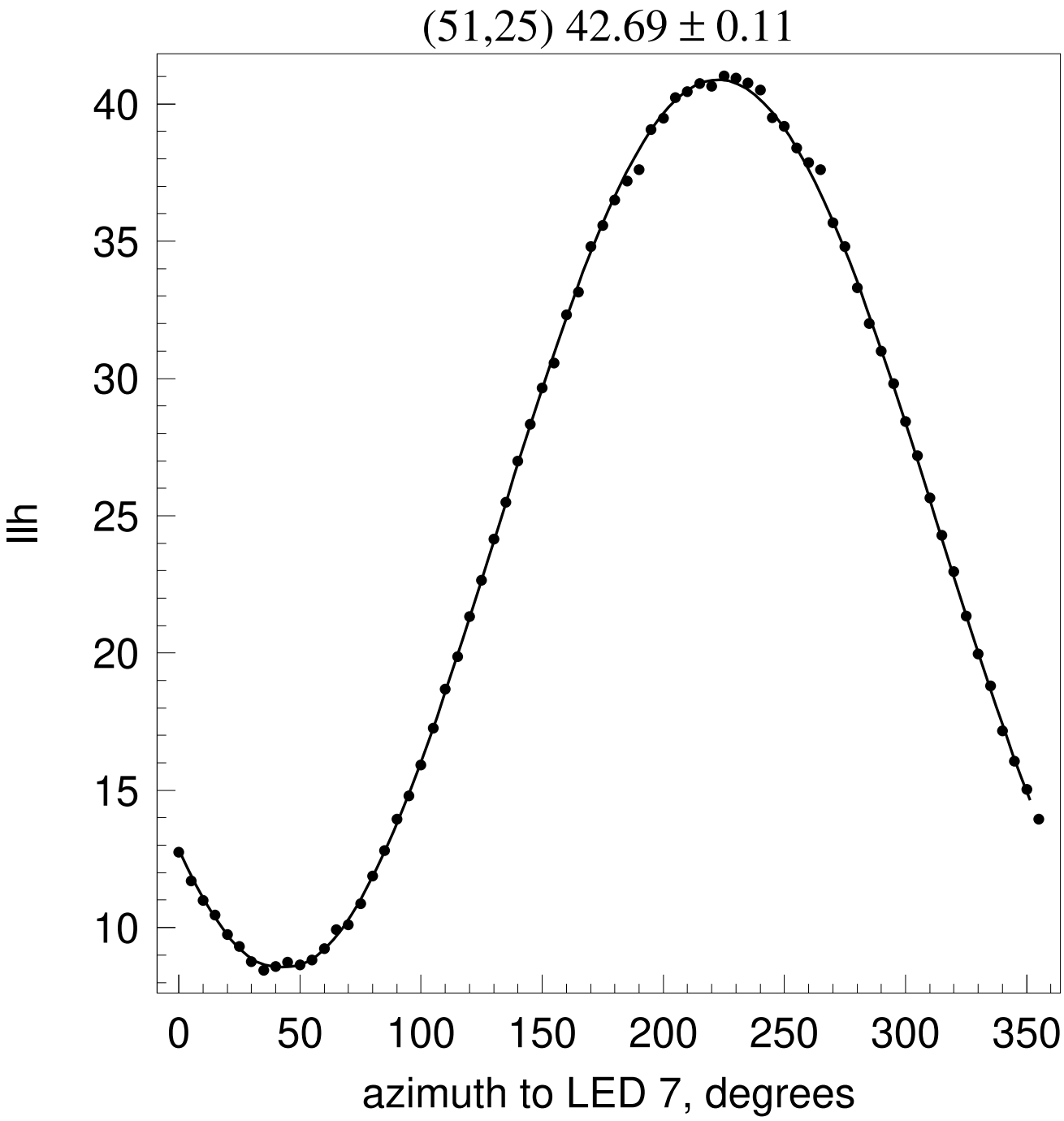

(51,20) 293.55 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

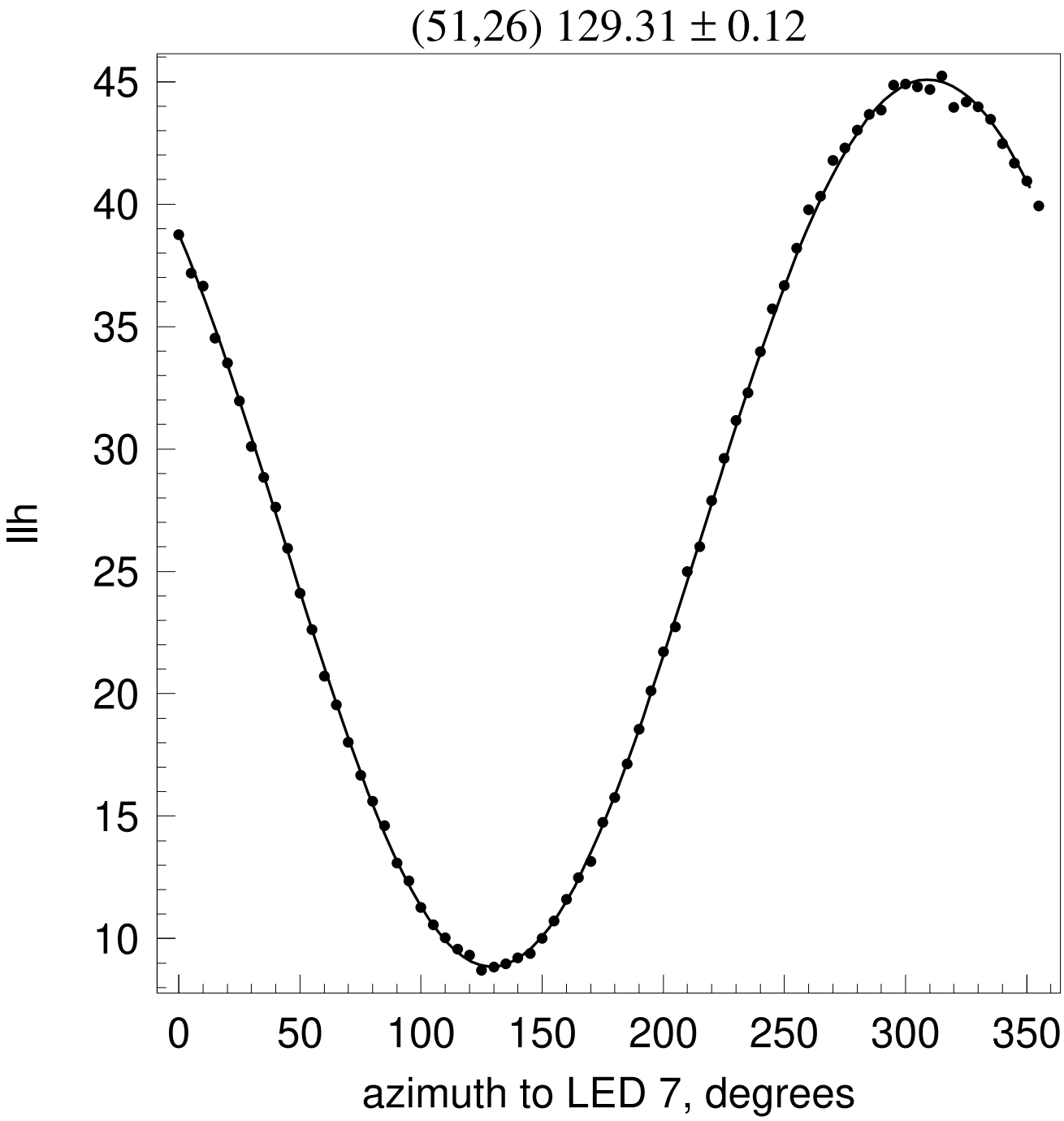

(51,21) 177.73 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

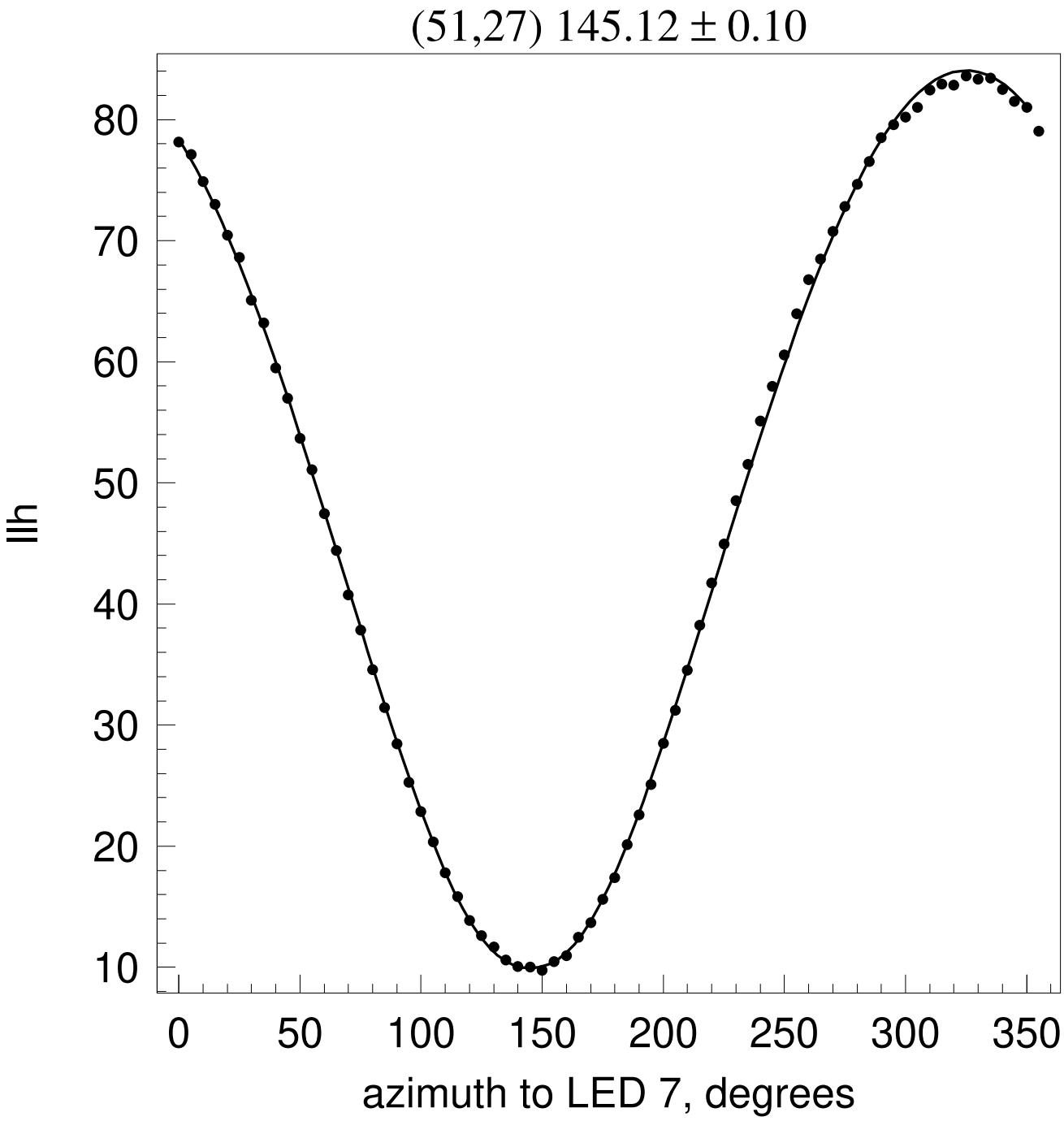

(51,22) 273.64 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

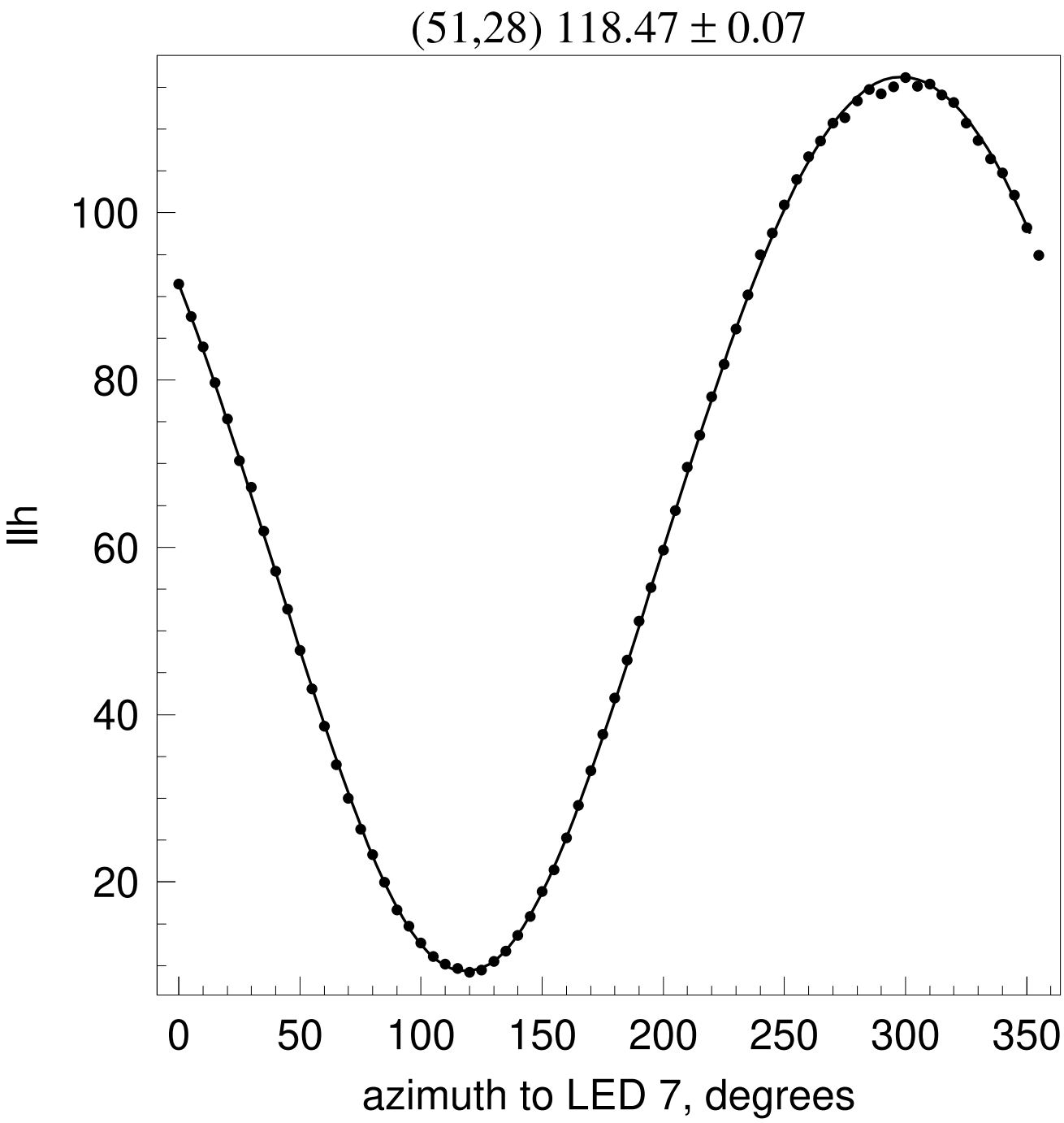

(51,23) 259.39 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

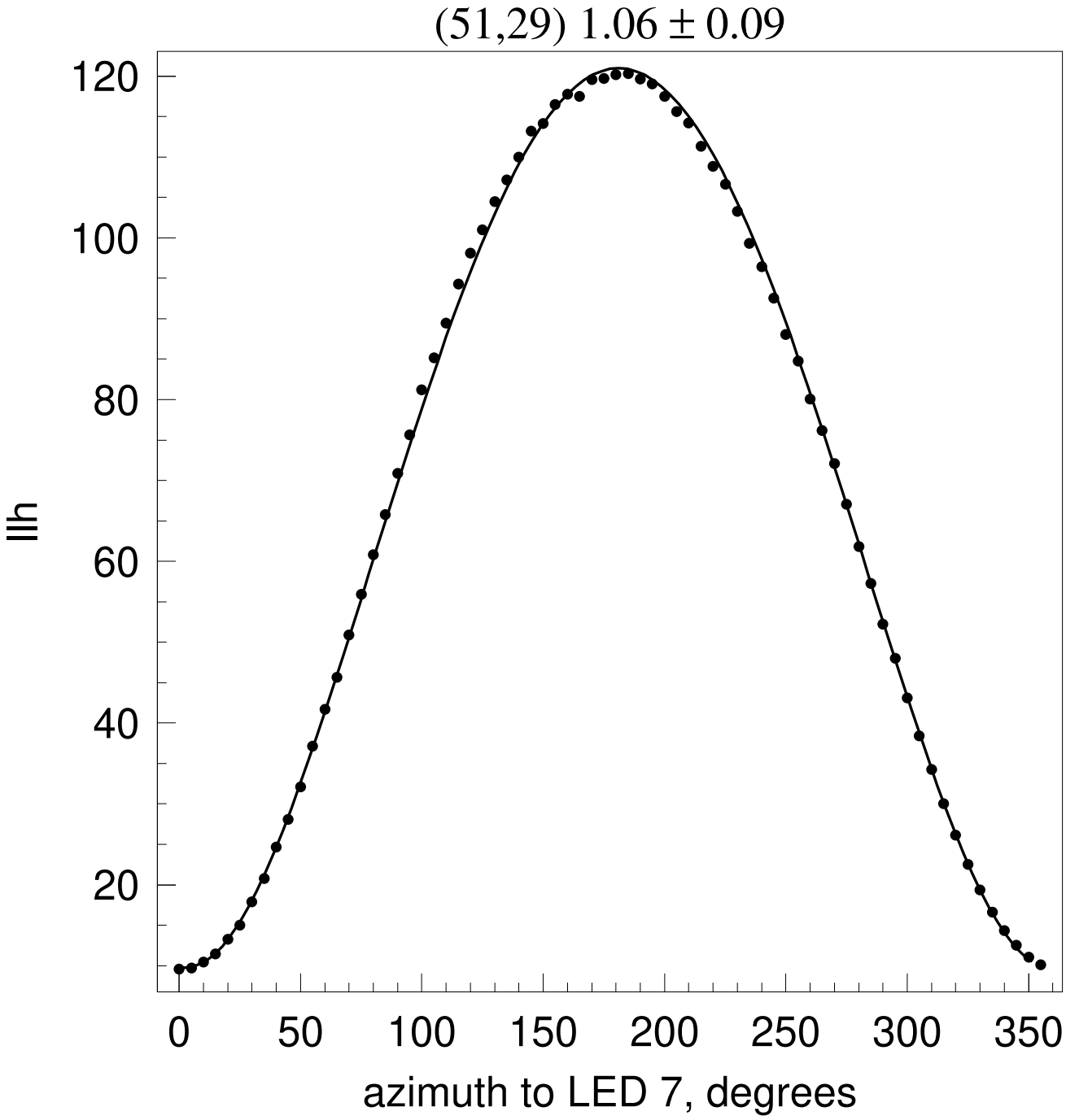

(51,24) 344.05 ± 0.07
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

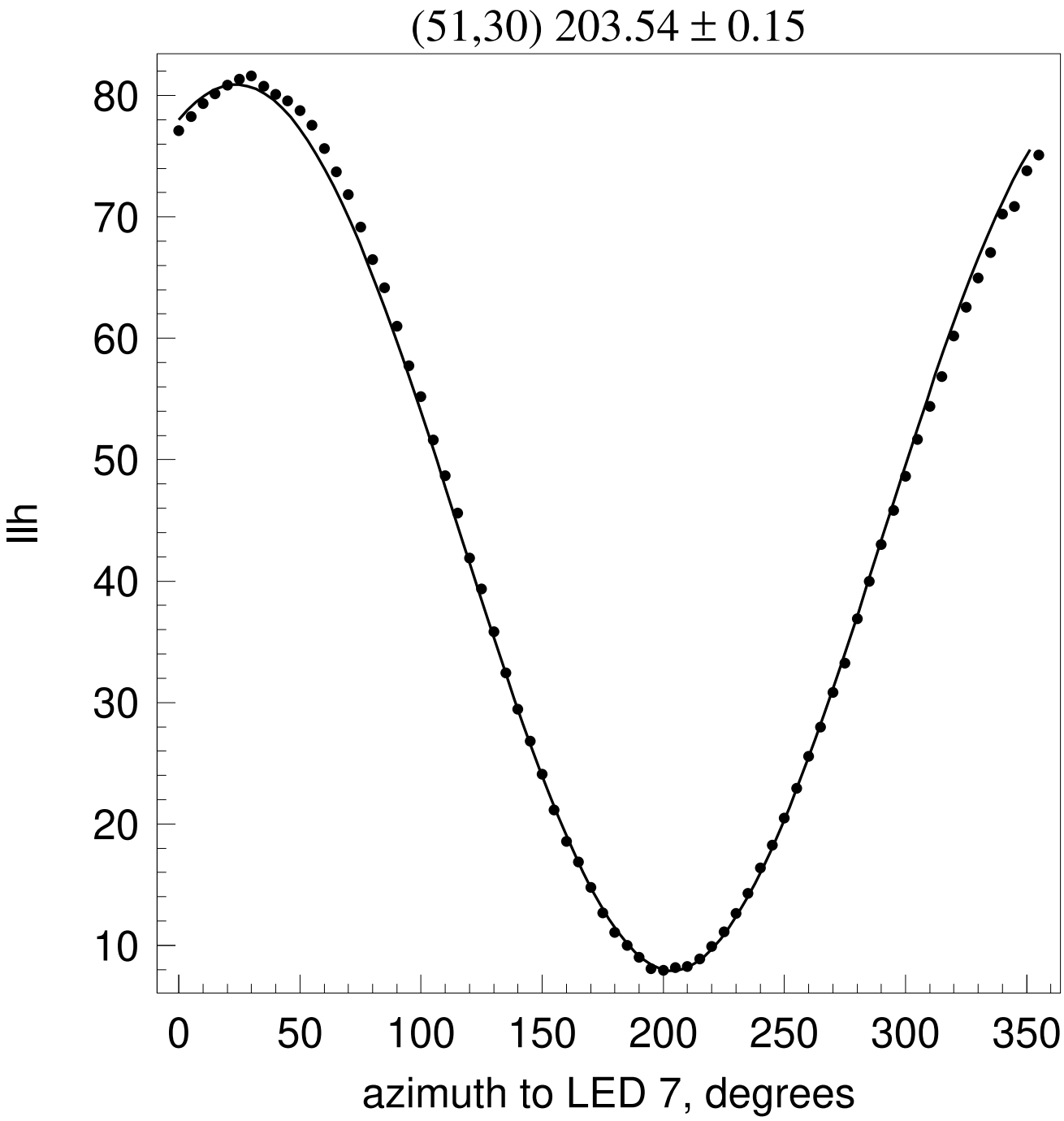

(51,25) 42.69 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

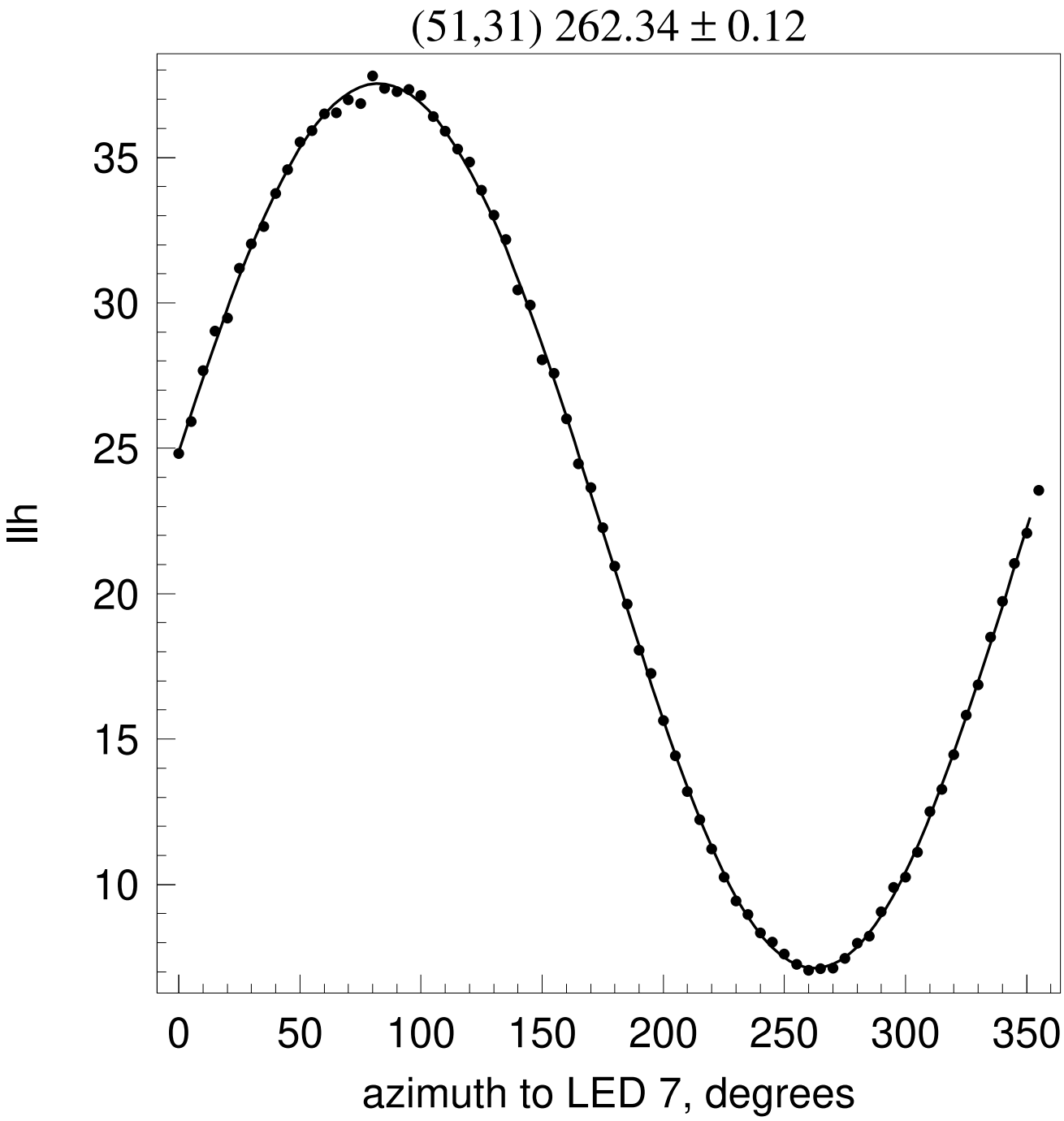

(51,26) 129.31 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

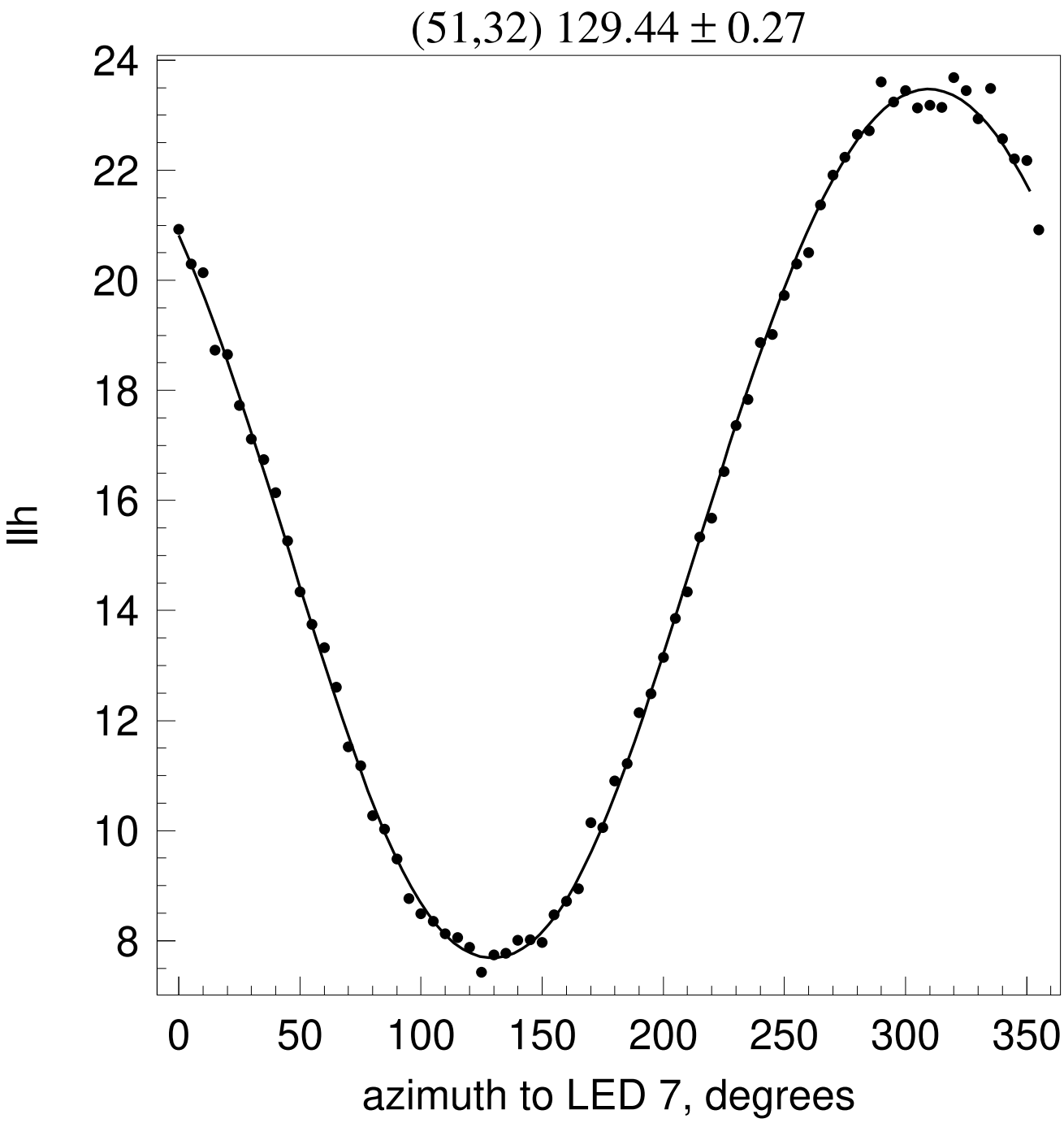

(51,27) 145.12 ± 0.10
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

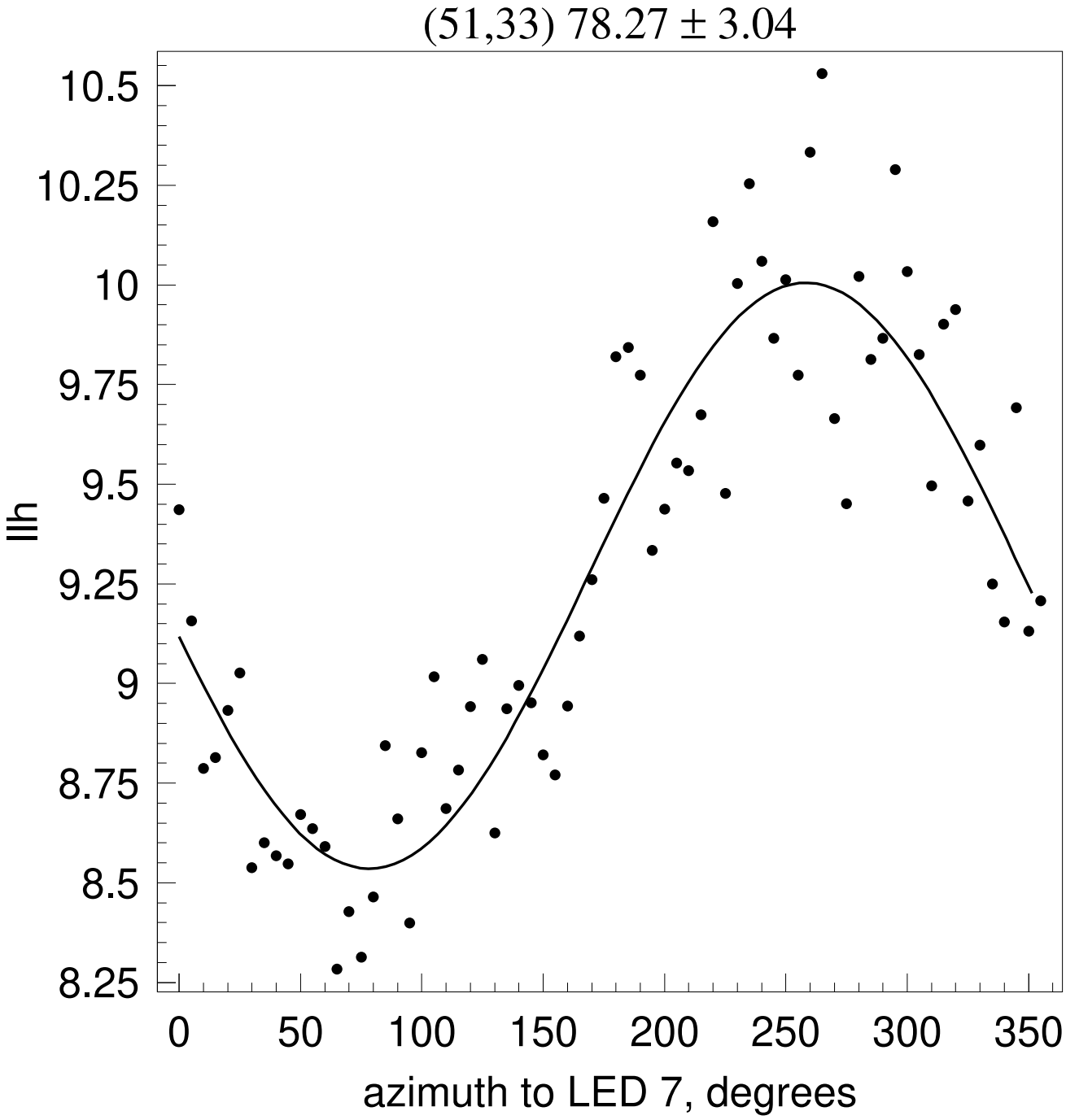

(51,28) 118.47 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

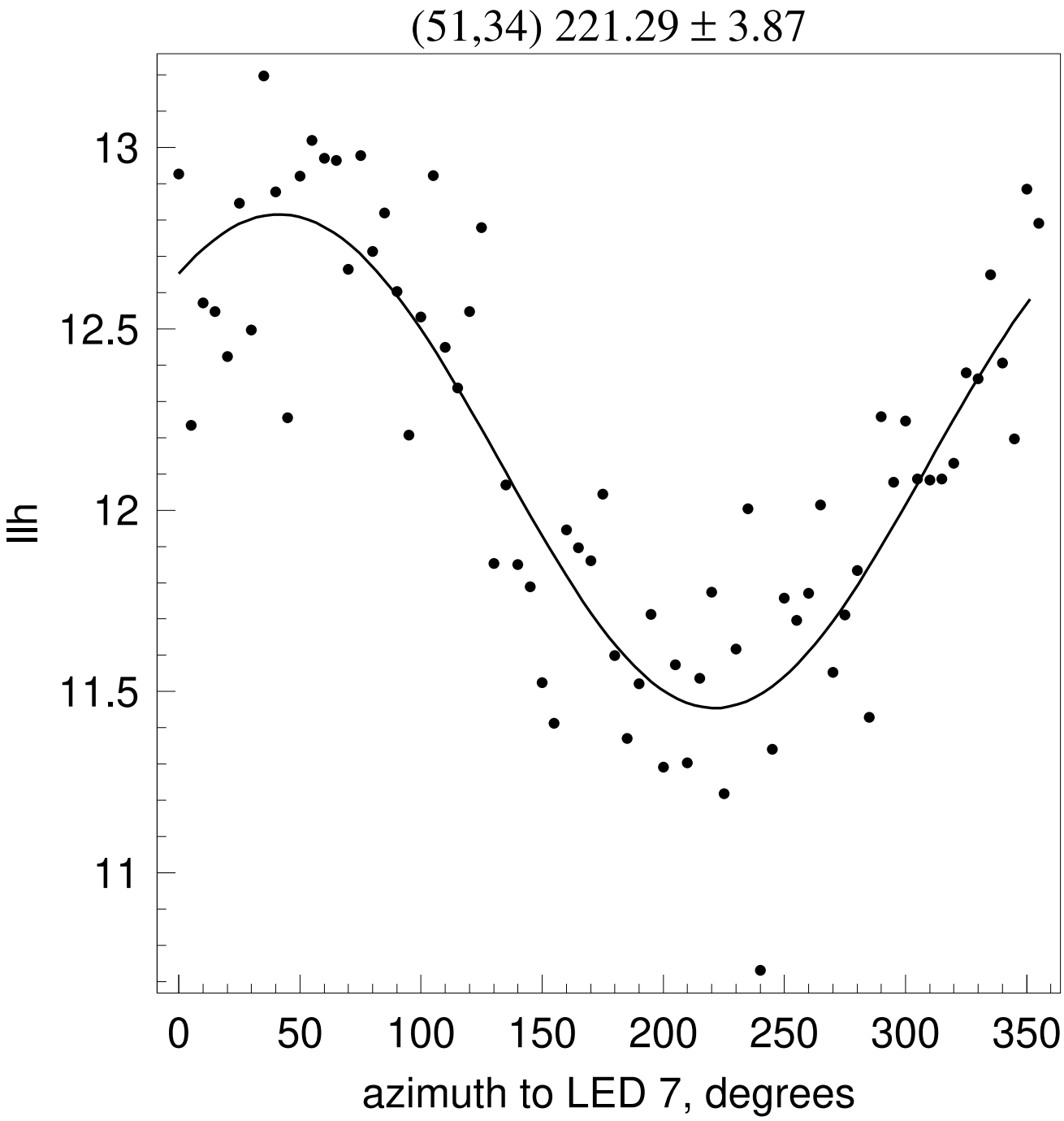

(51,29) 1.06 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

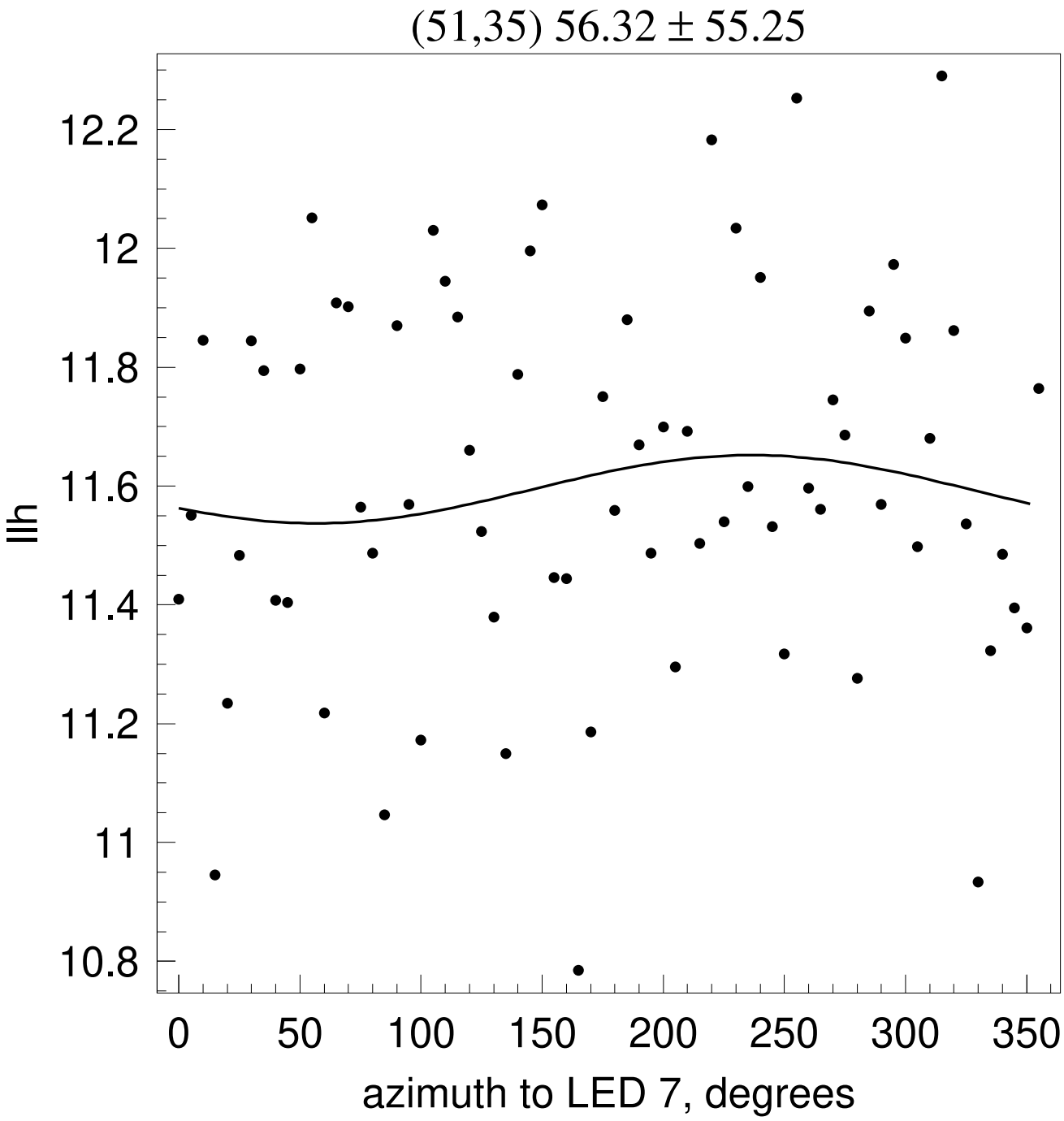

(51,30) 203.54 ± 0.15
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

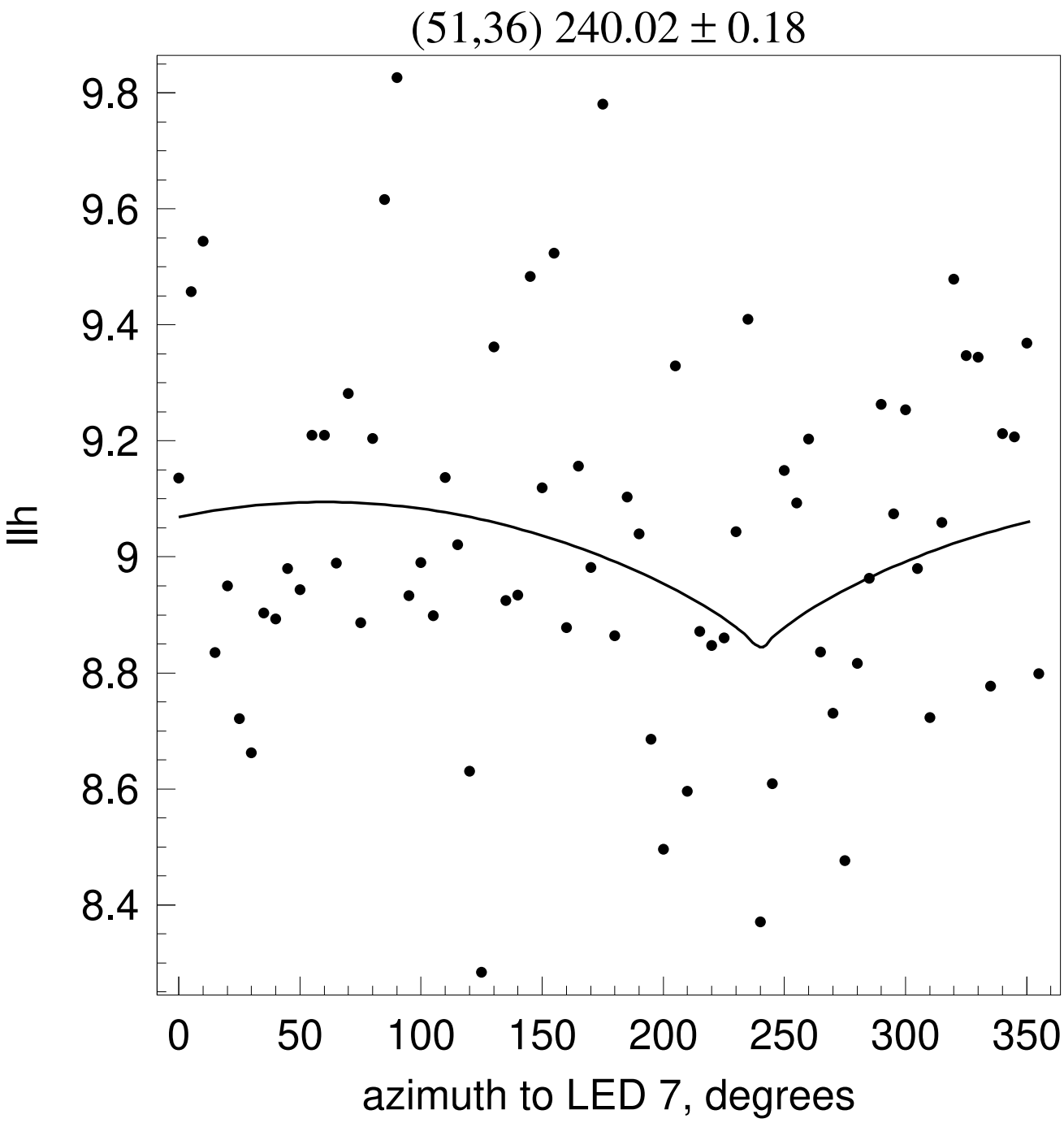

(51,31) 262.34 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

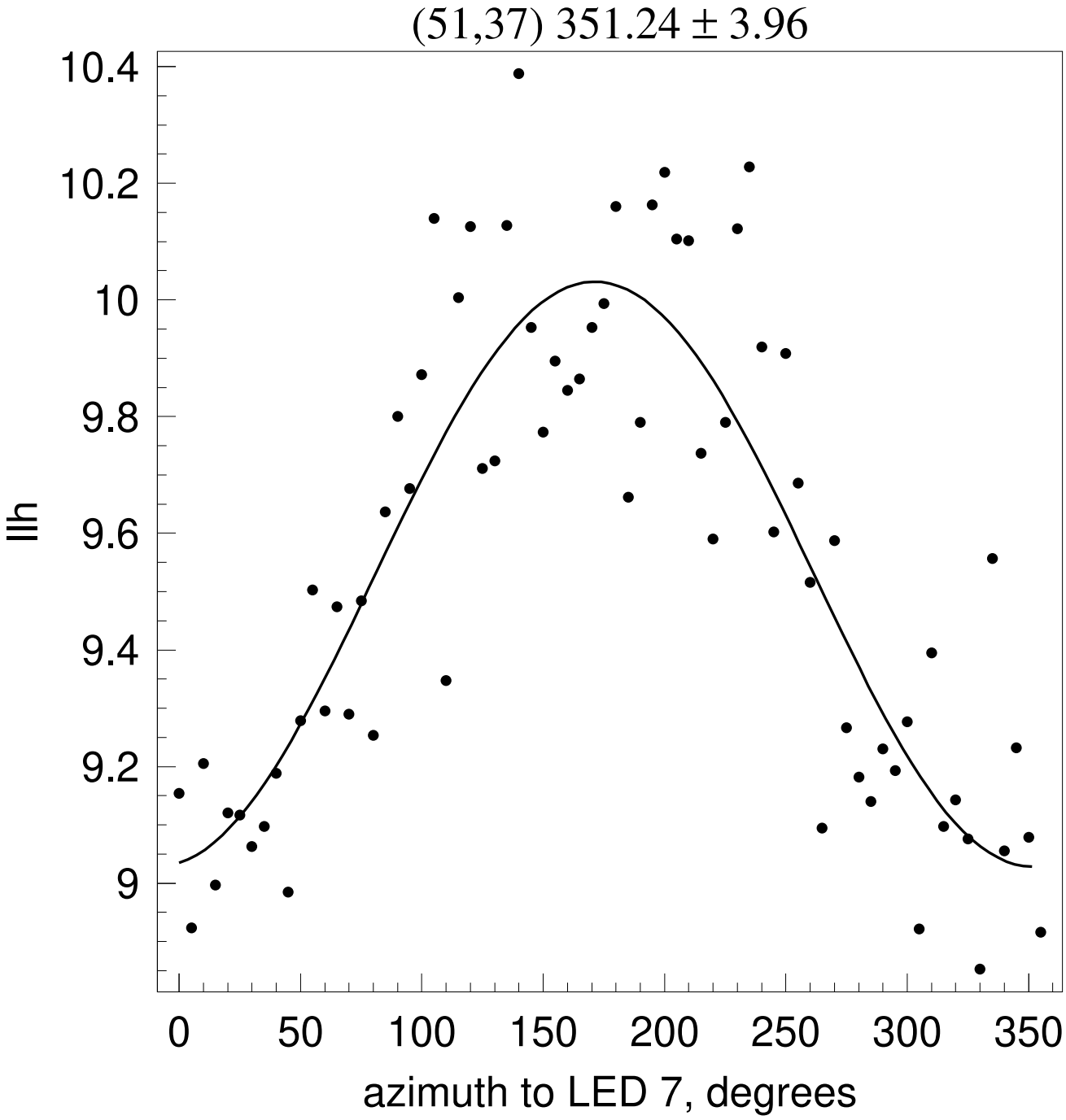

(51,32) 129.44 ± 0.27
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

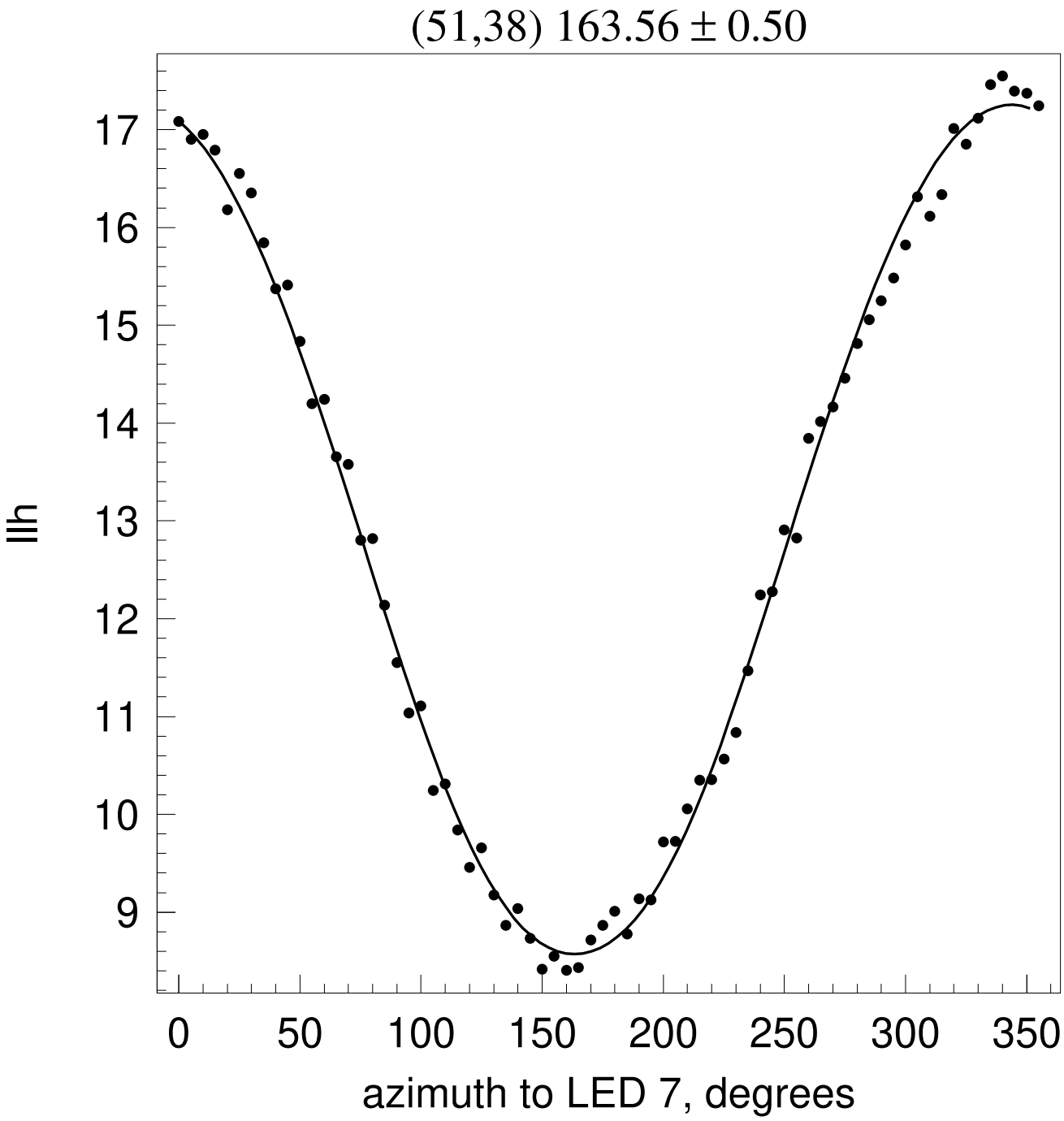

(51,33) 78.27 ± 3.04
10.5
10.25
10
9.75
9.5
9.25
9
8.75
8.5
8.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

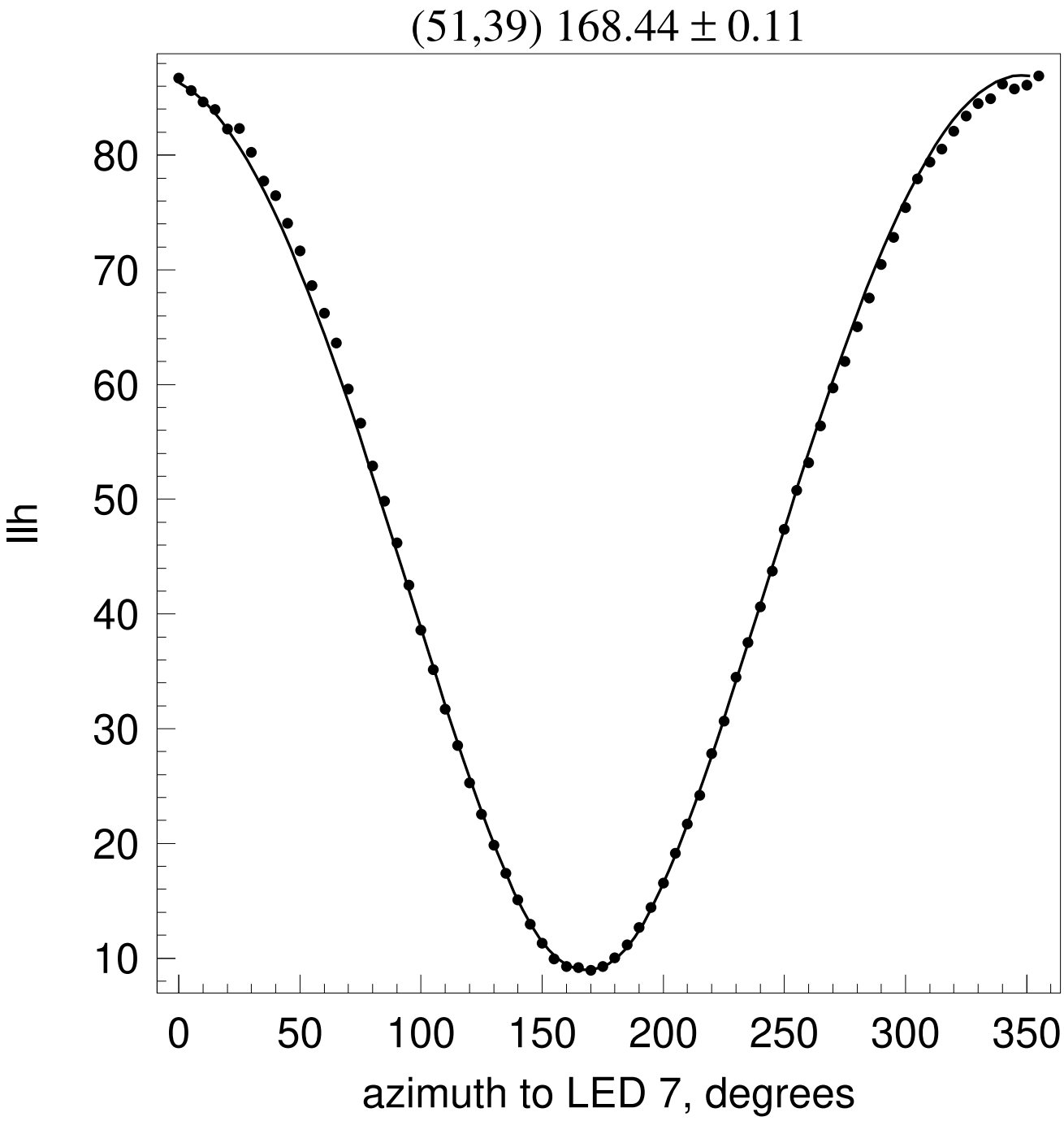

(51,34) 221.29 ± 3.87
13
12.5
12
11.5
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

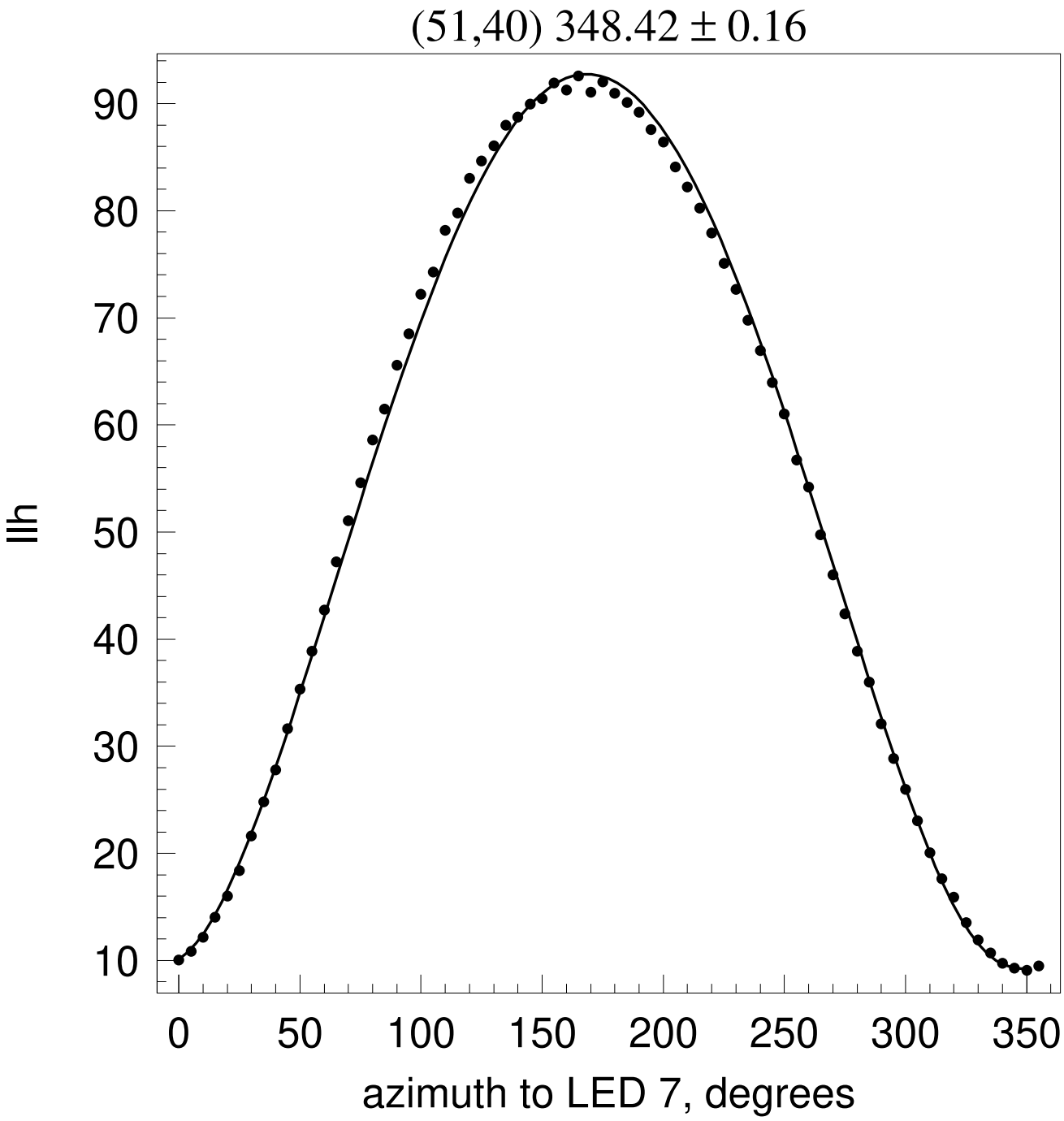

(51,35) 56.32 ± 55.25
12.2
12
11.8
11.6
11.4
11.2
11
10.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

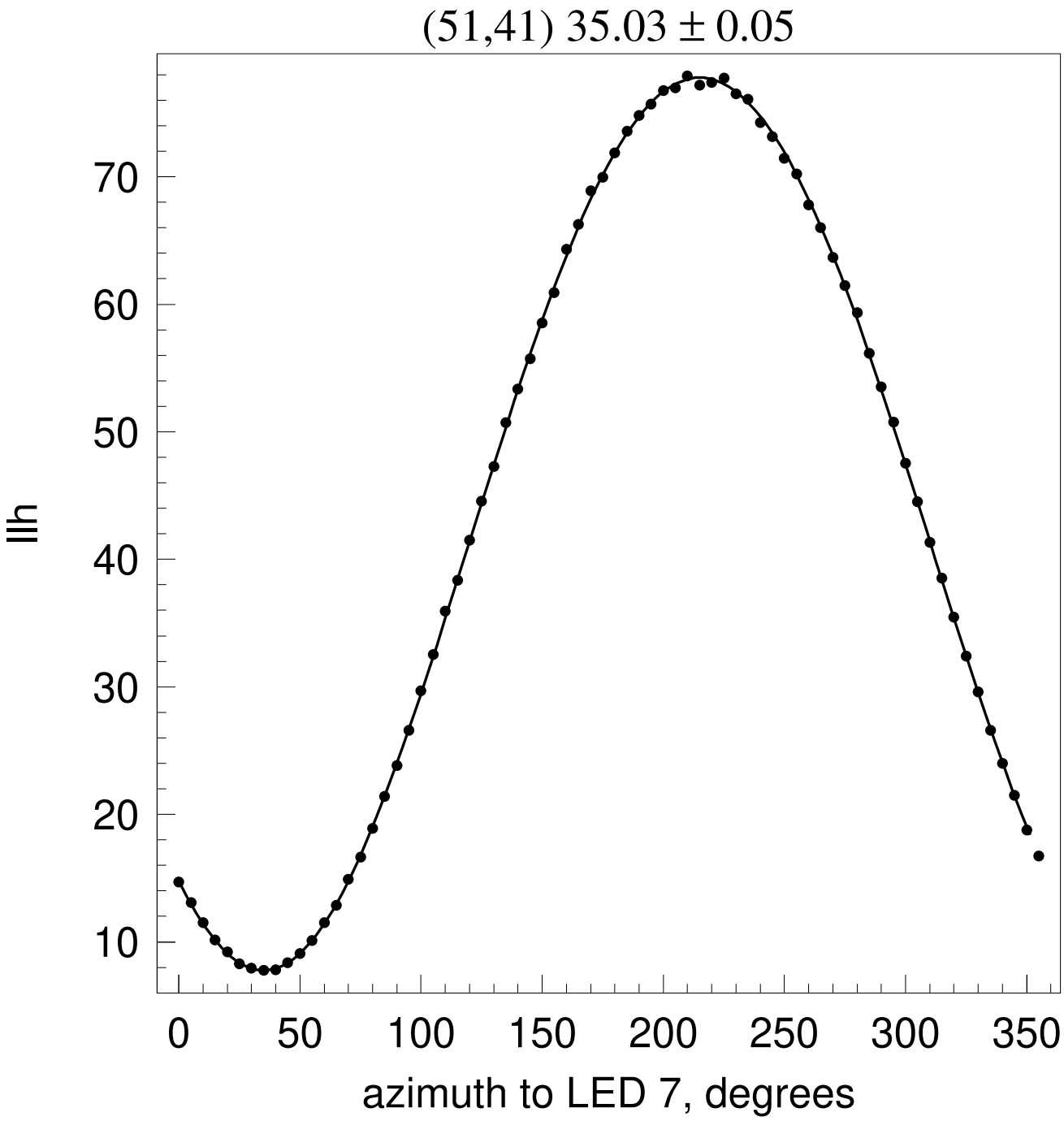

(51,36) 240.02 ± 0.18
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

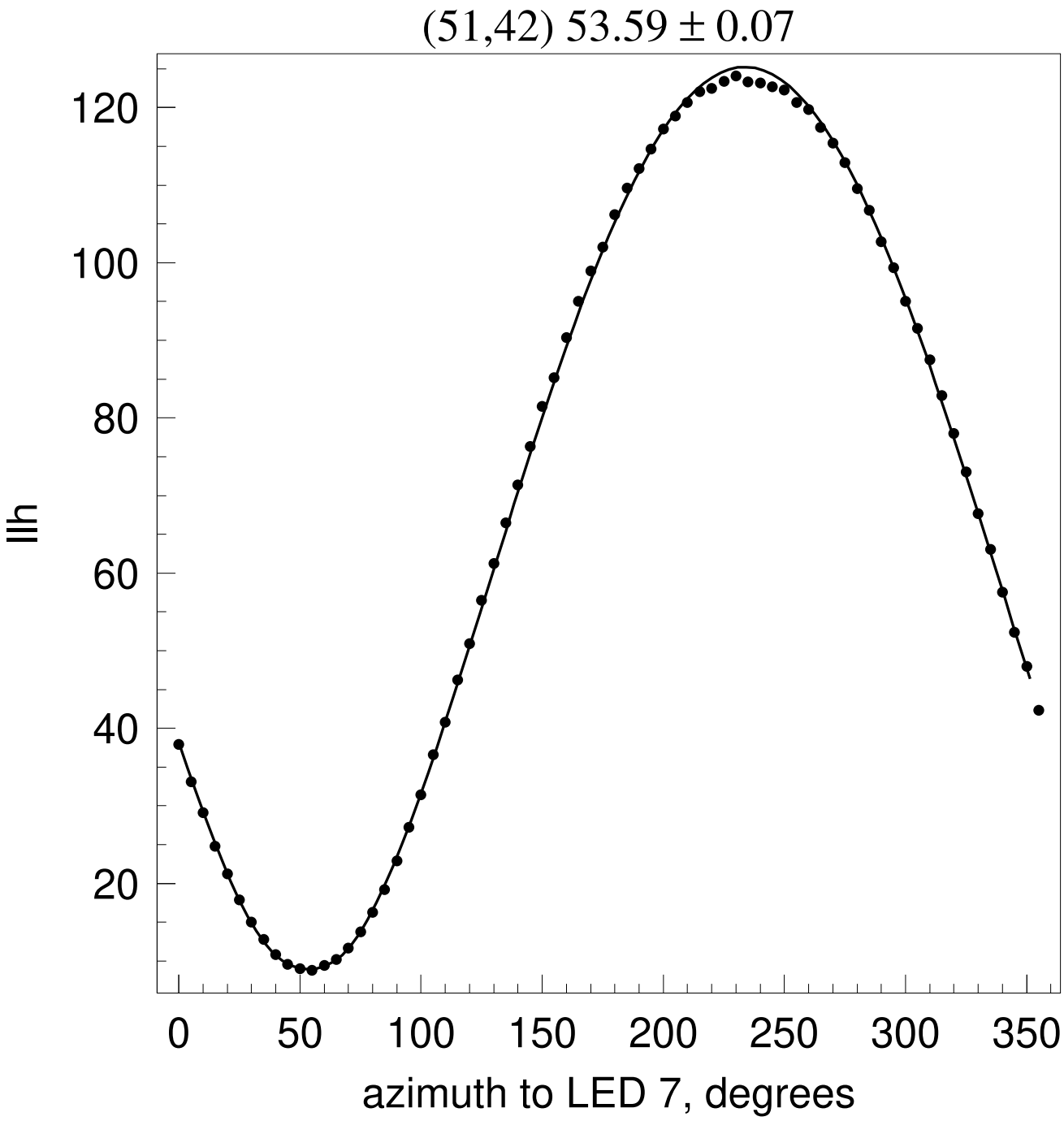

(51,37) 351.24 ± 3.96
10.4
10.2
10
9.8
9.6
9.4
9.2
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

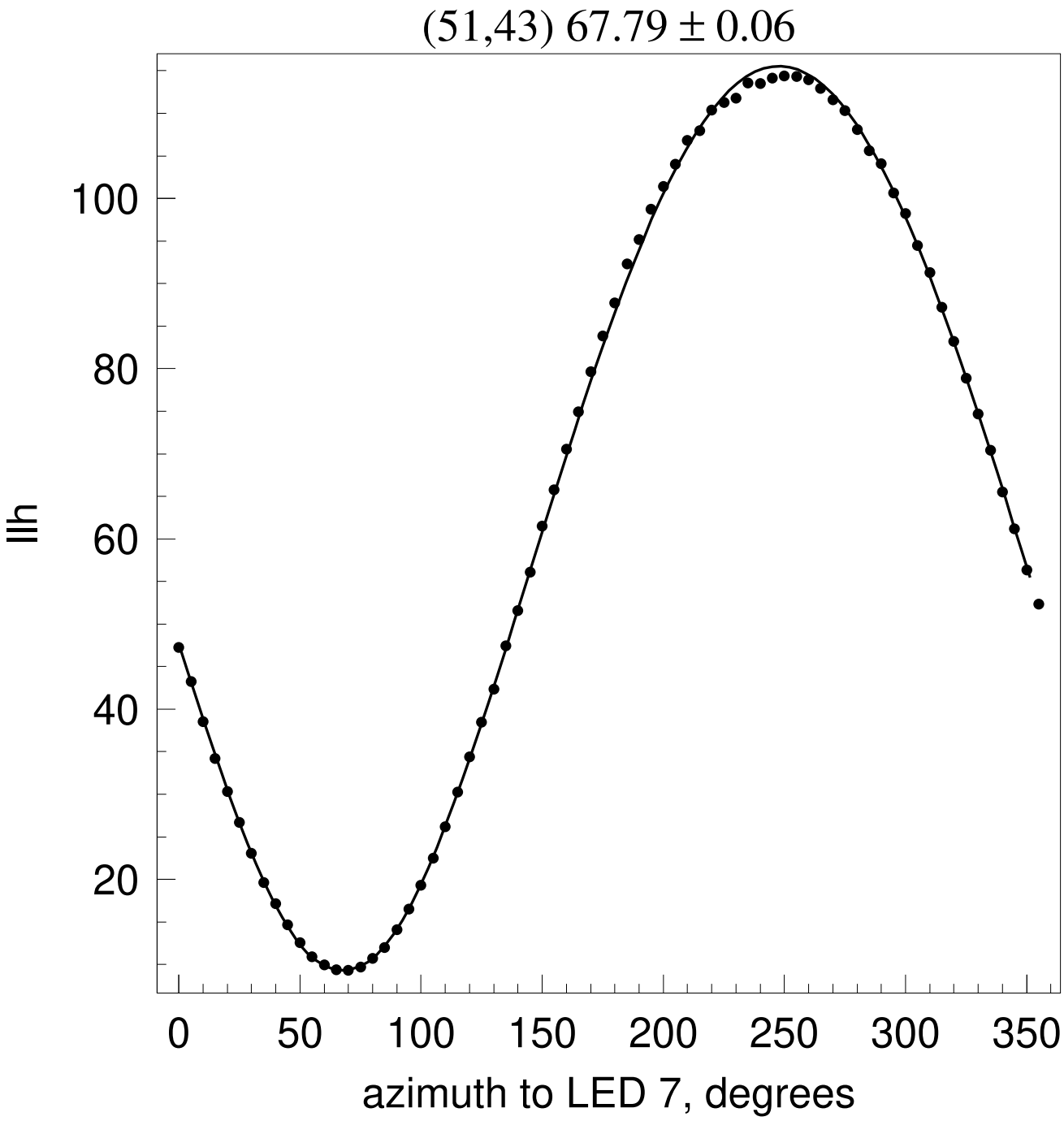

(51,38) 163.56 ± 0.50
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

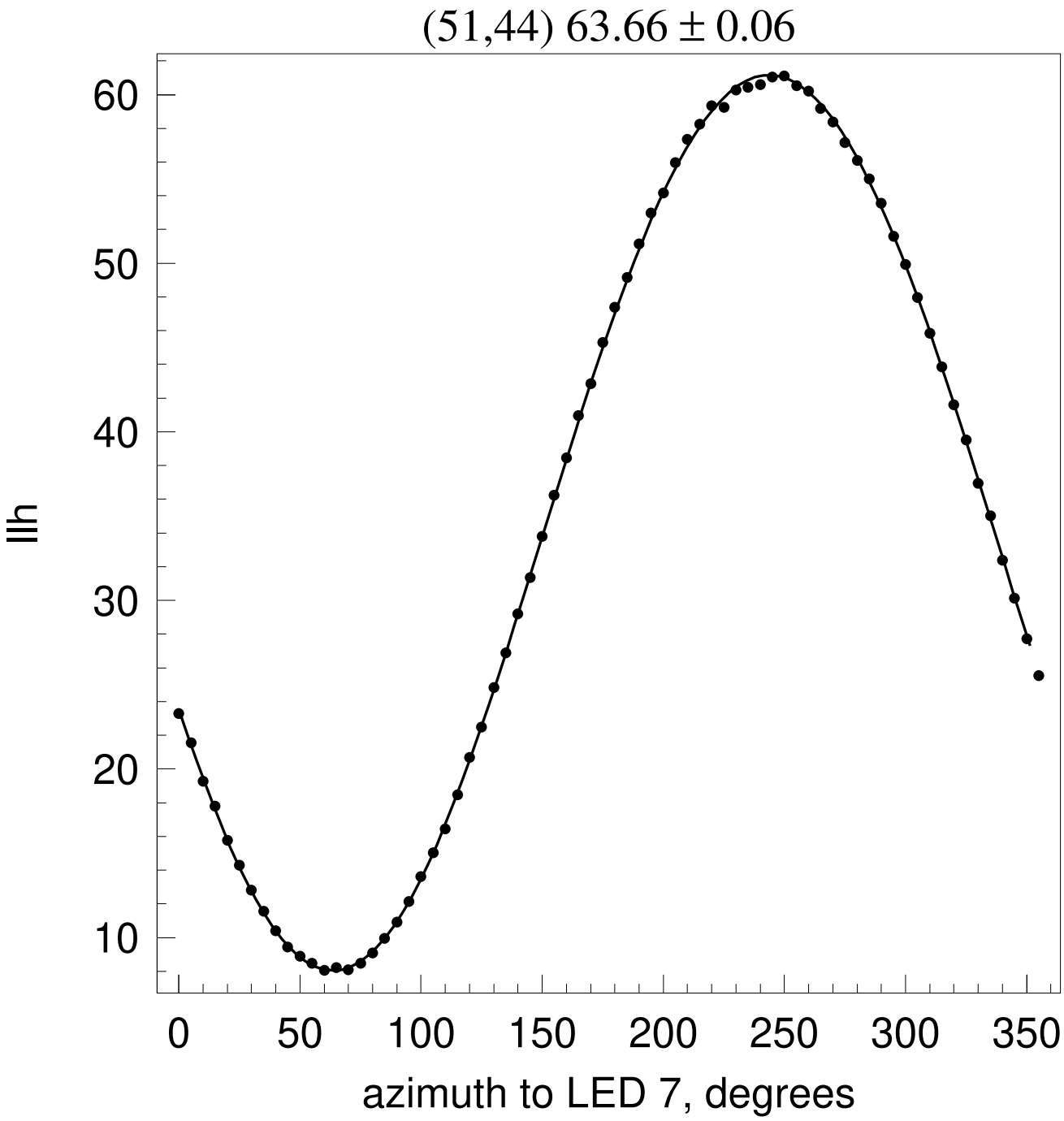

(51,39) 168.44 ± 0.11
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

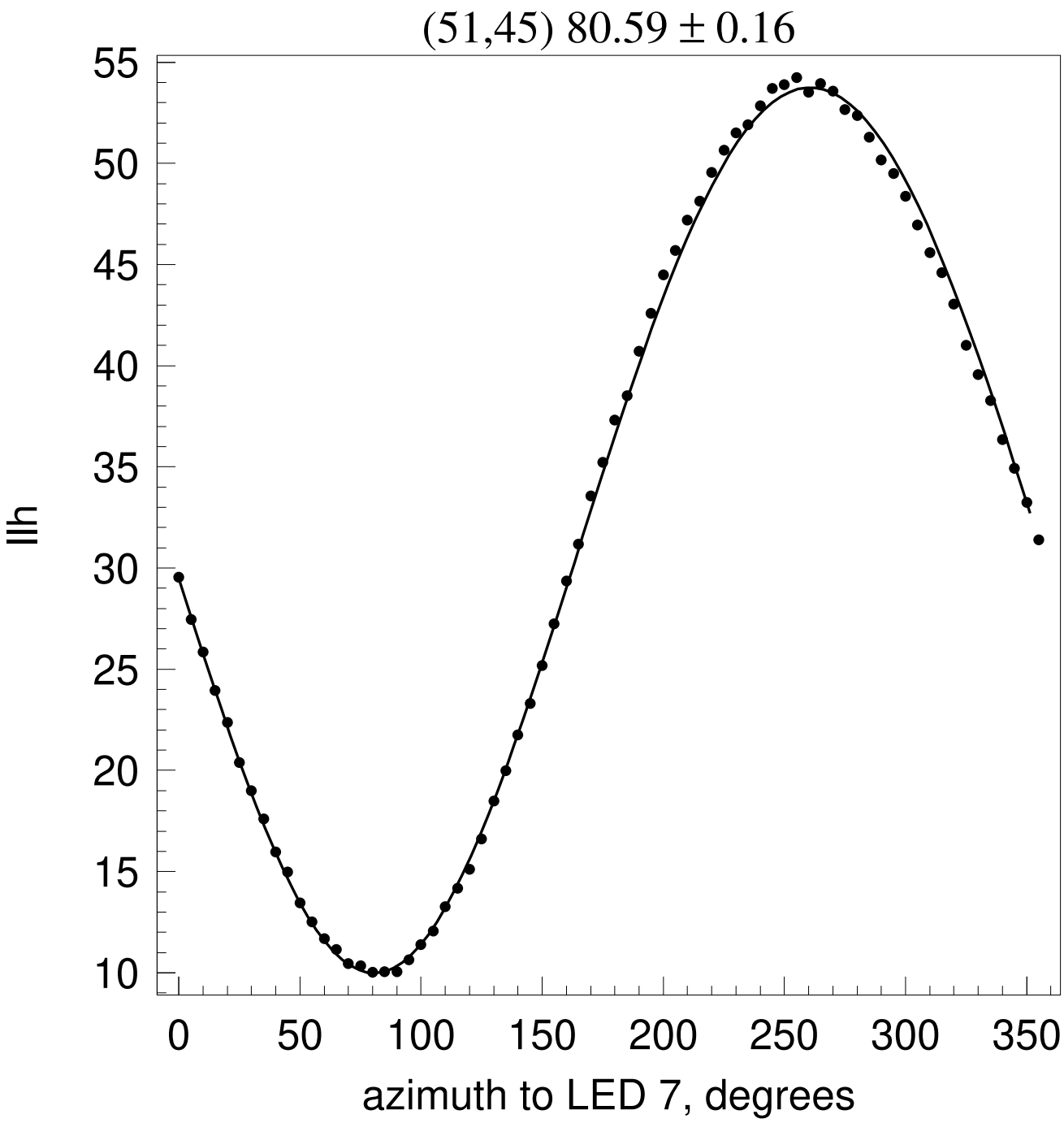

(51,40) 348.42 ± 0.16
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

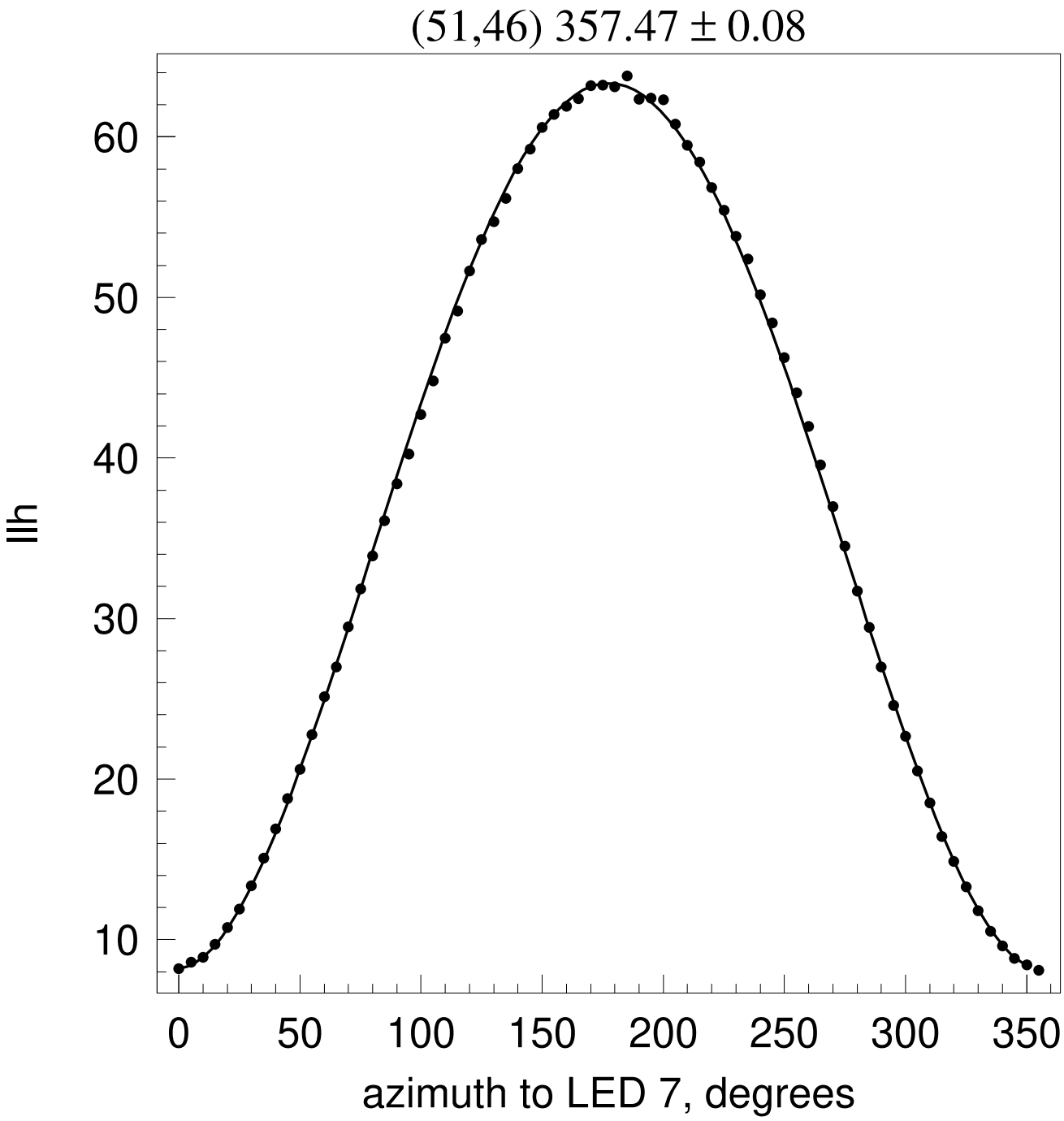

(51,41) 35.03 ± 0.05
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

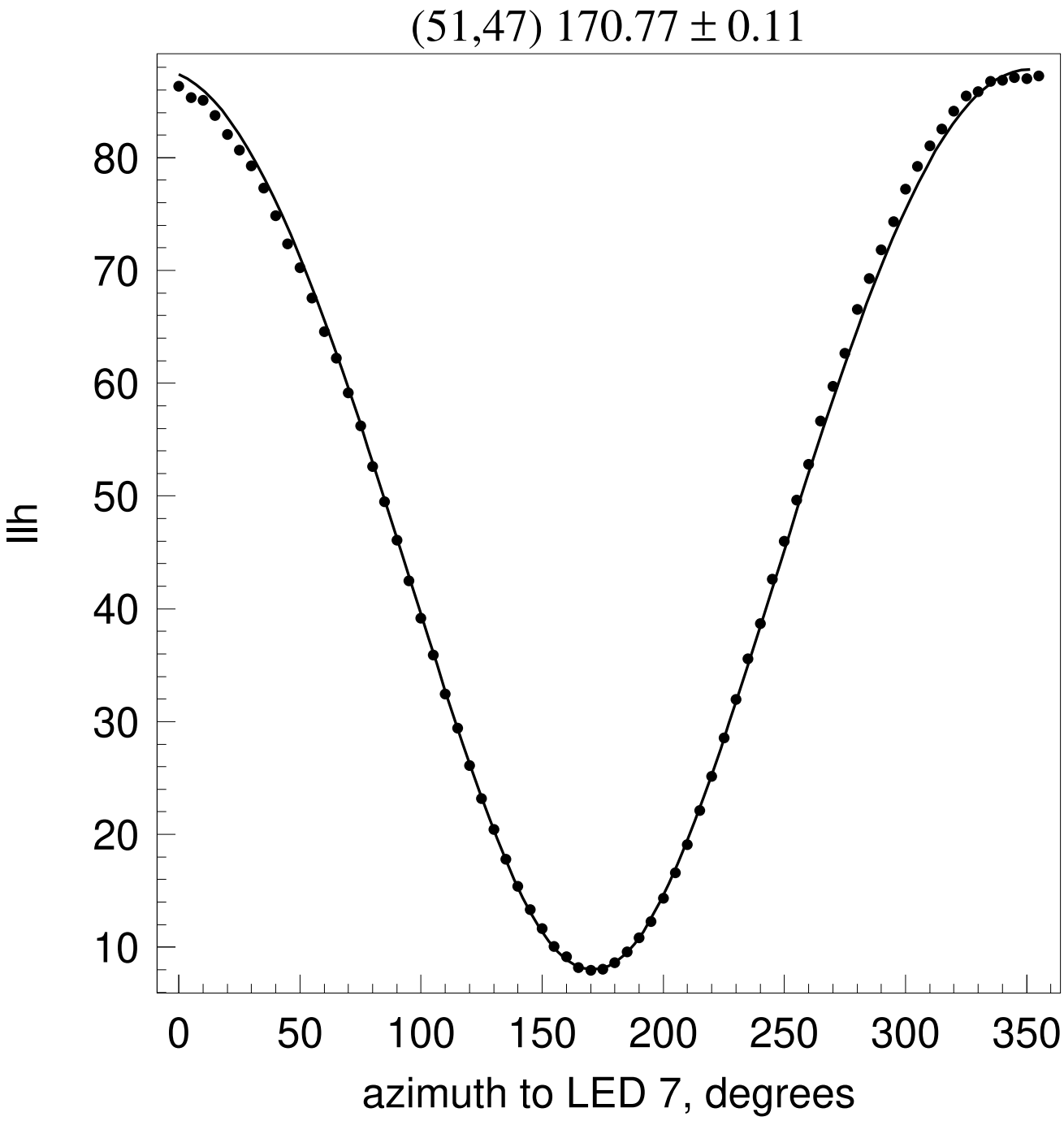

(51,42) 53.59 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

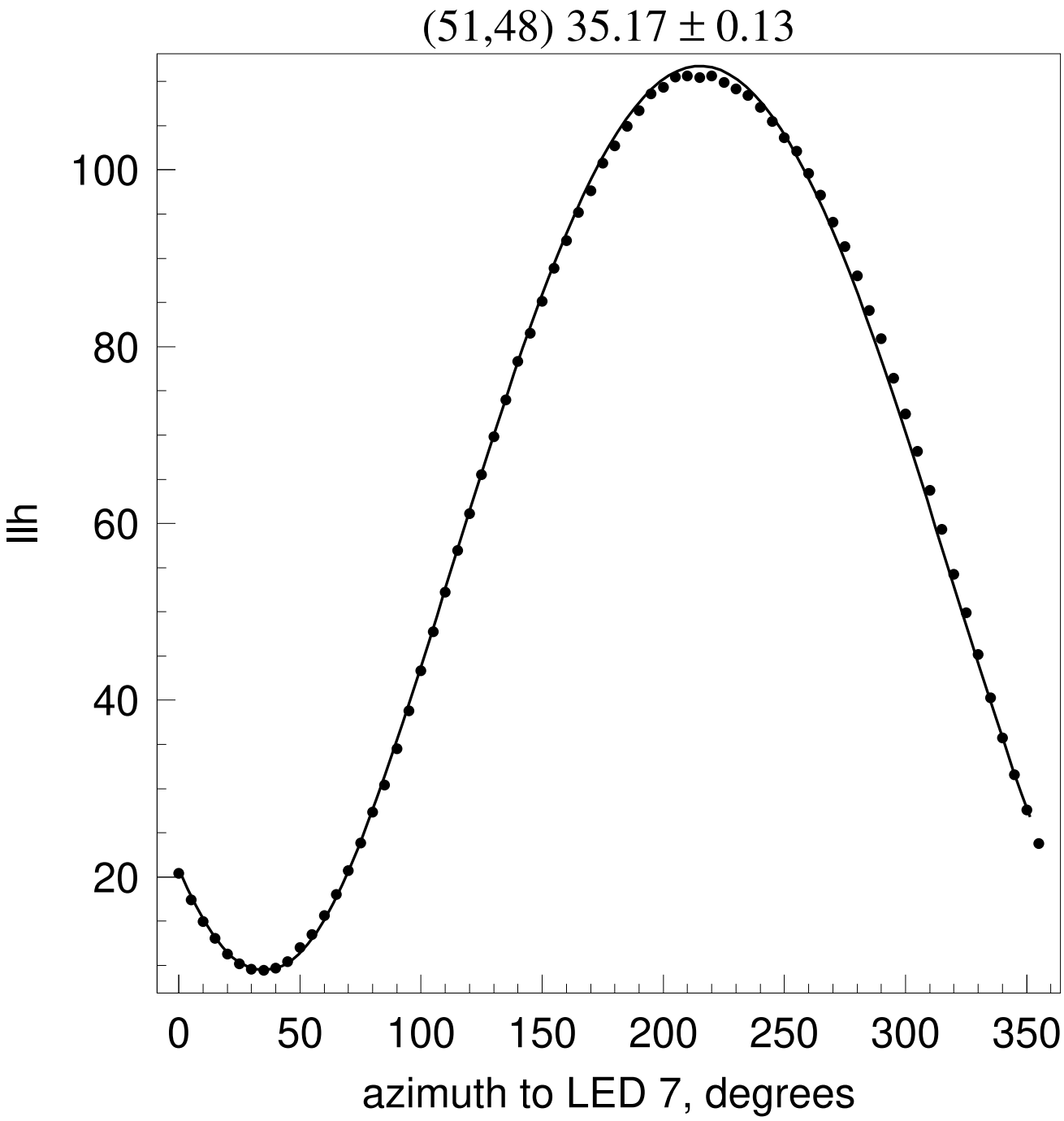

(51,43) 67.79 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

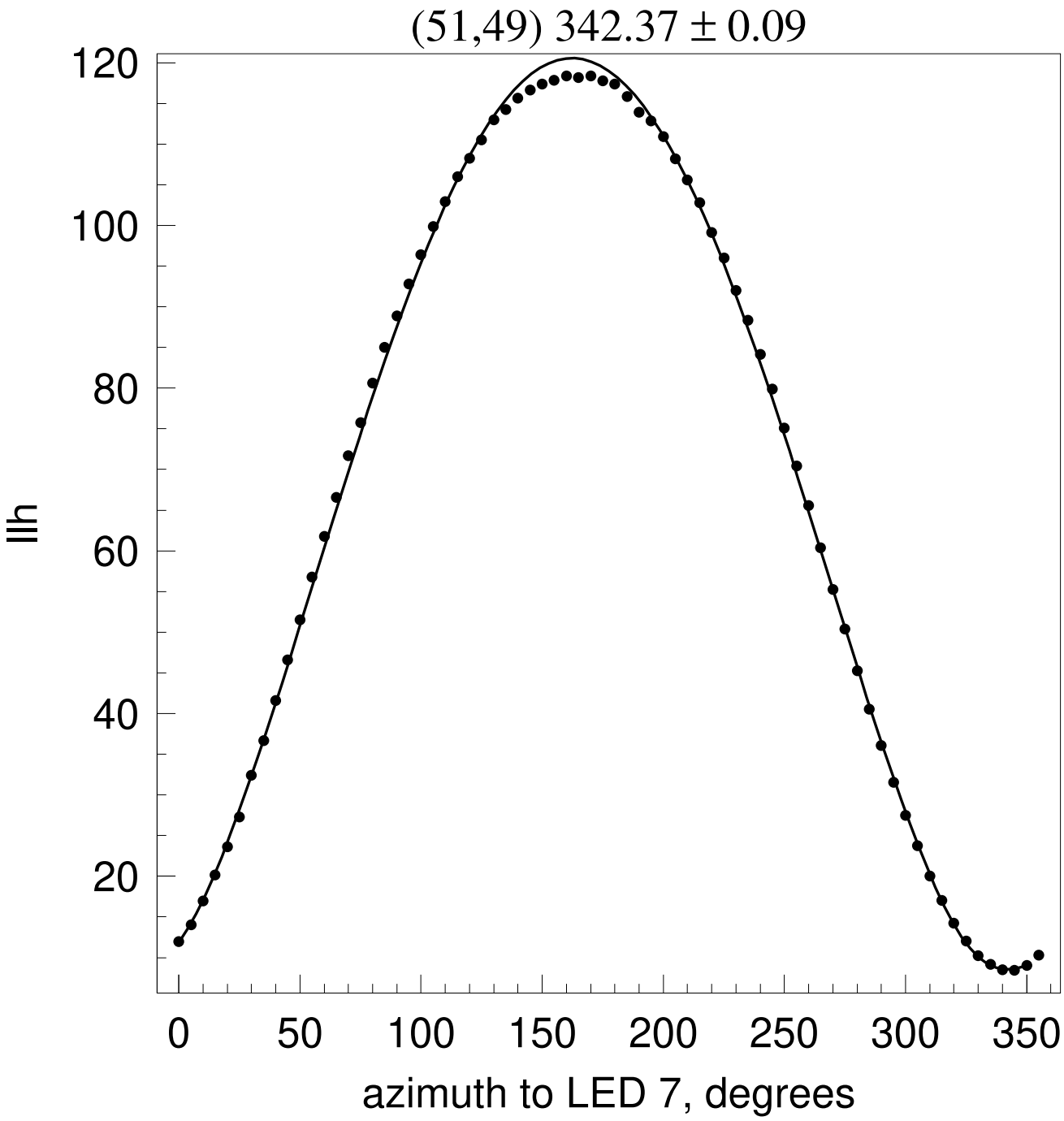

(51,44) 63.66 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

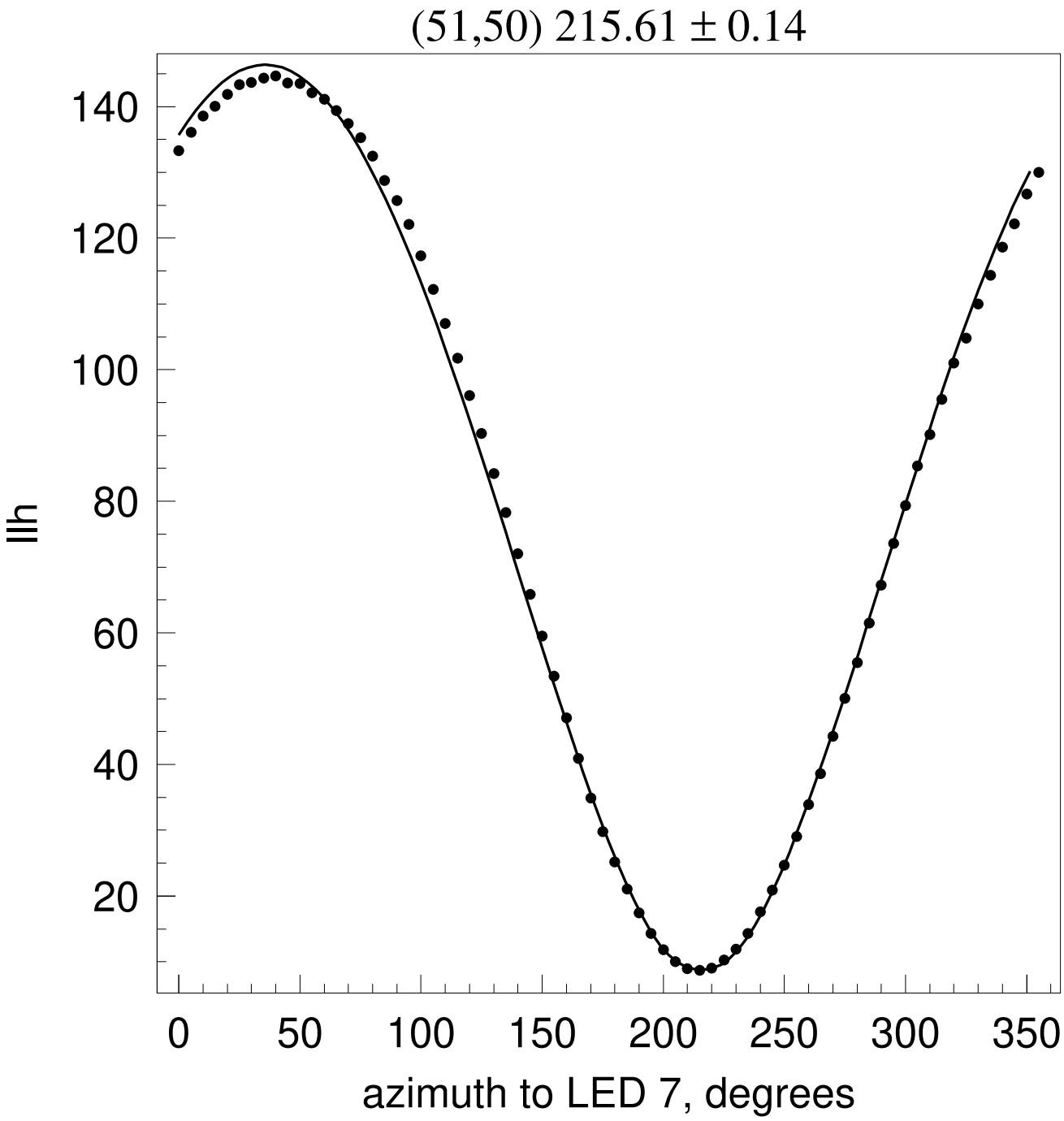

(51,45) 80.59 ± 0.16
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

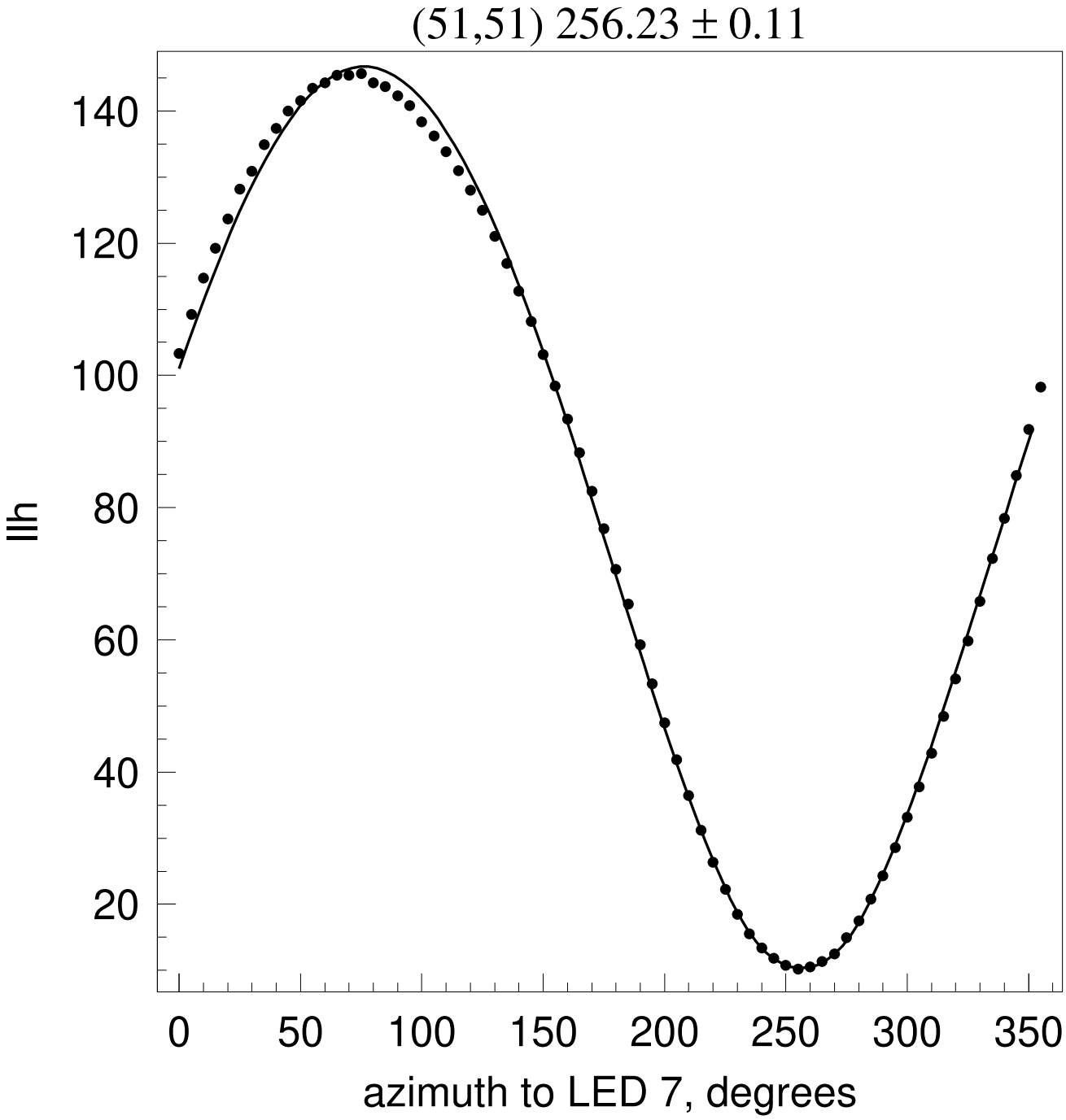

(51,46) 357.47 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

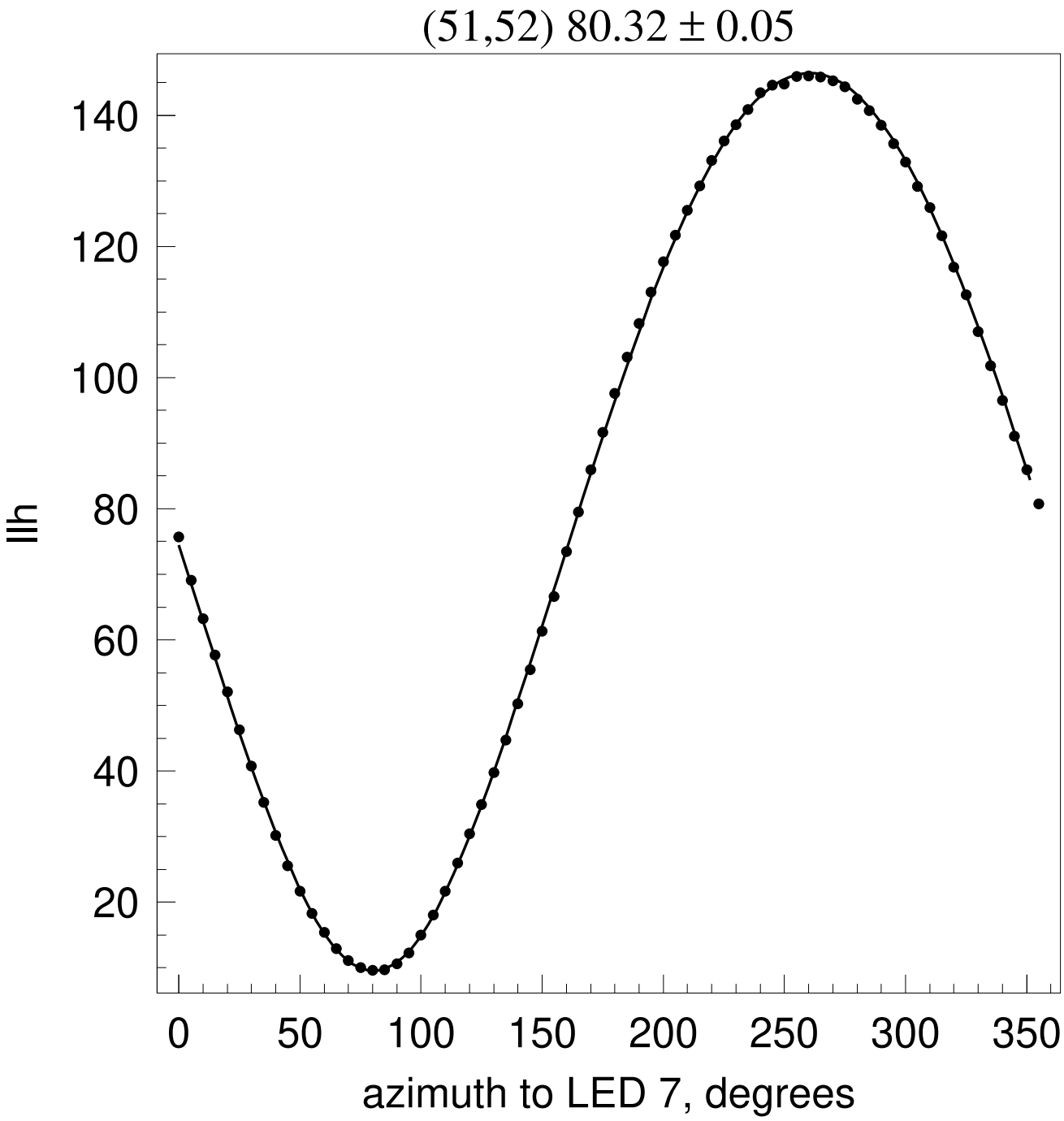

(51,47) 170.77 ± 0.11
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

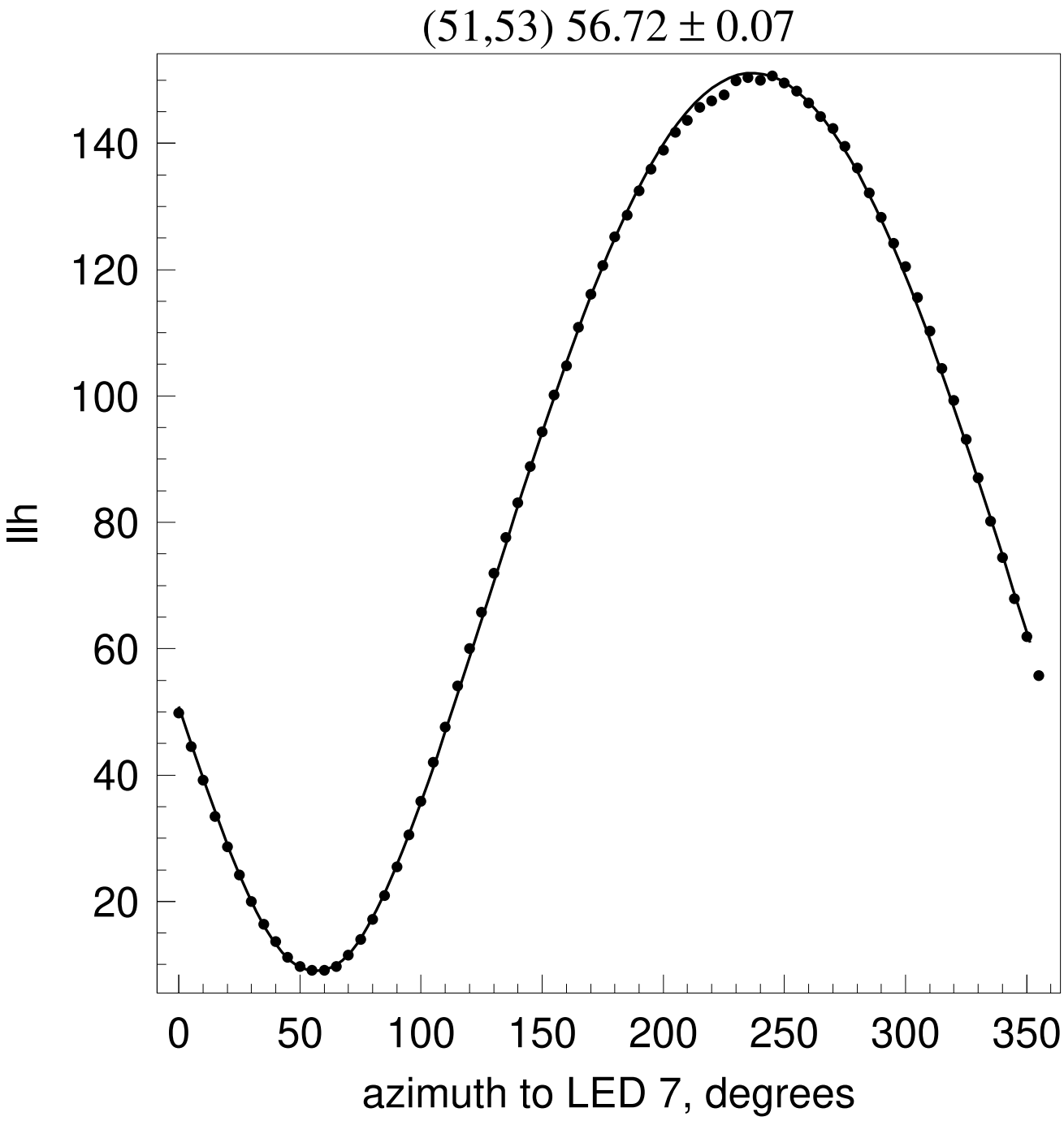

(51,48) 35.17 ± 0.13
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

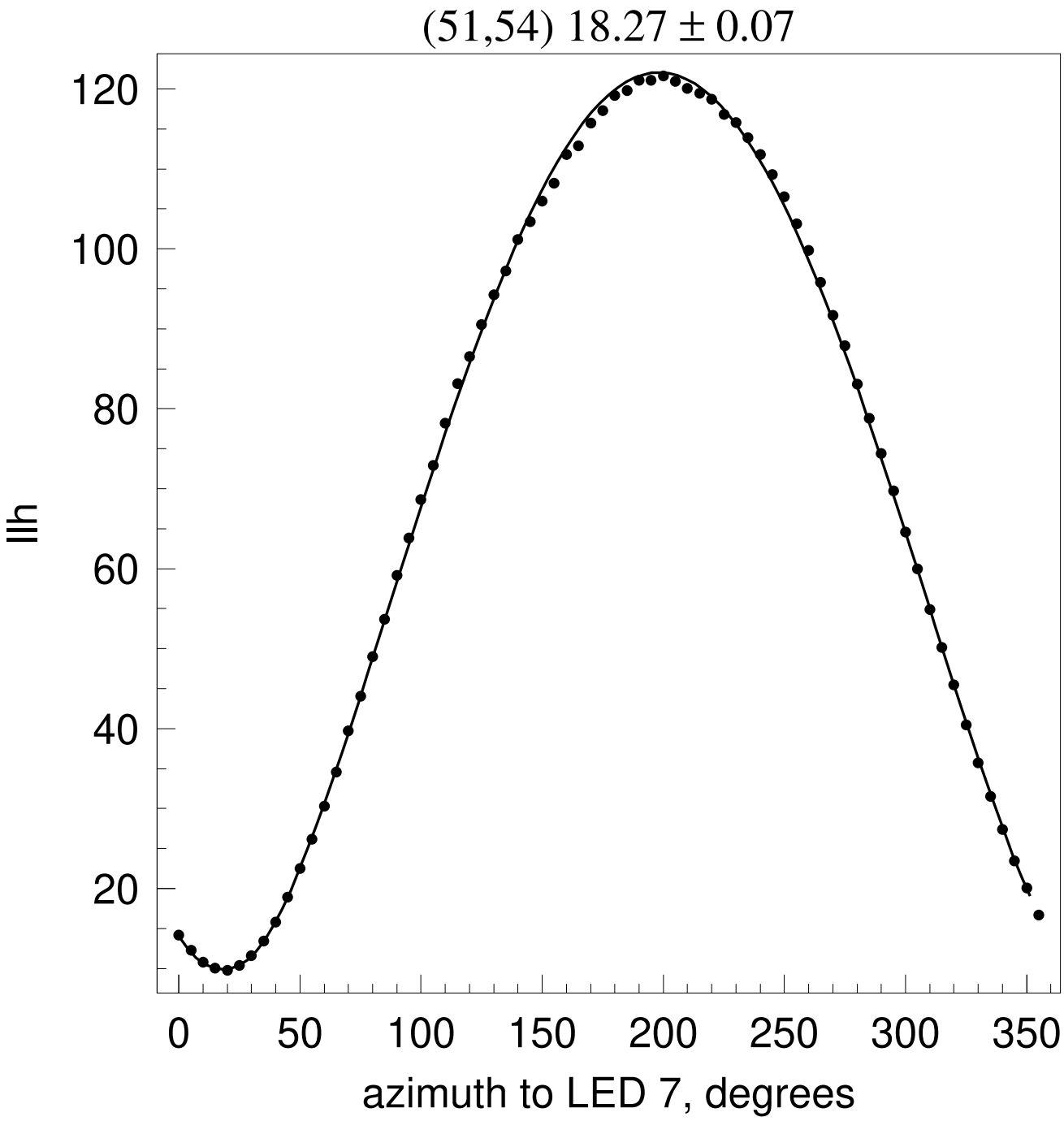

(51,49) 342.37 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

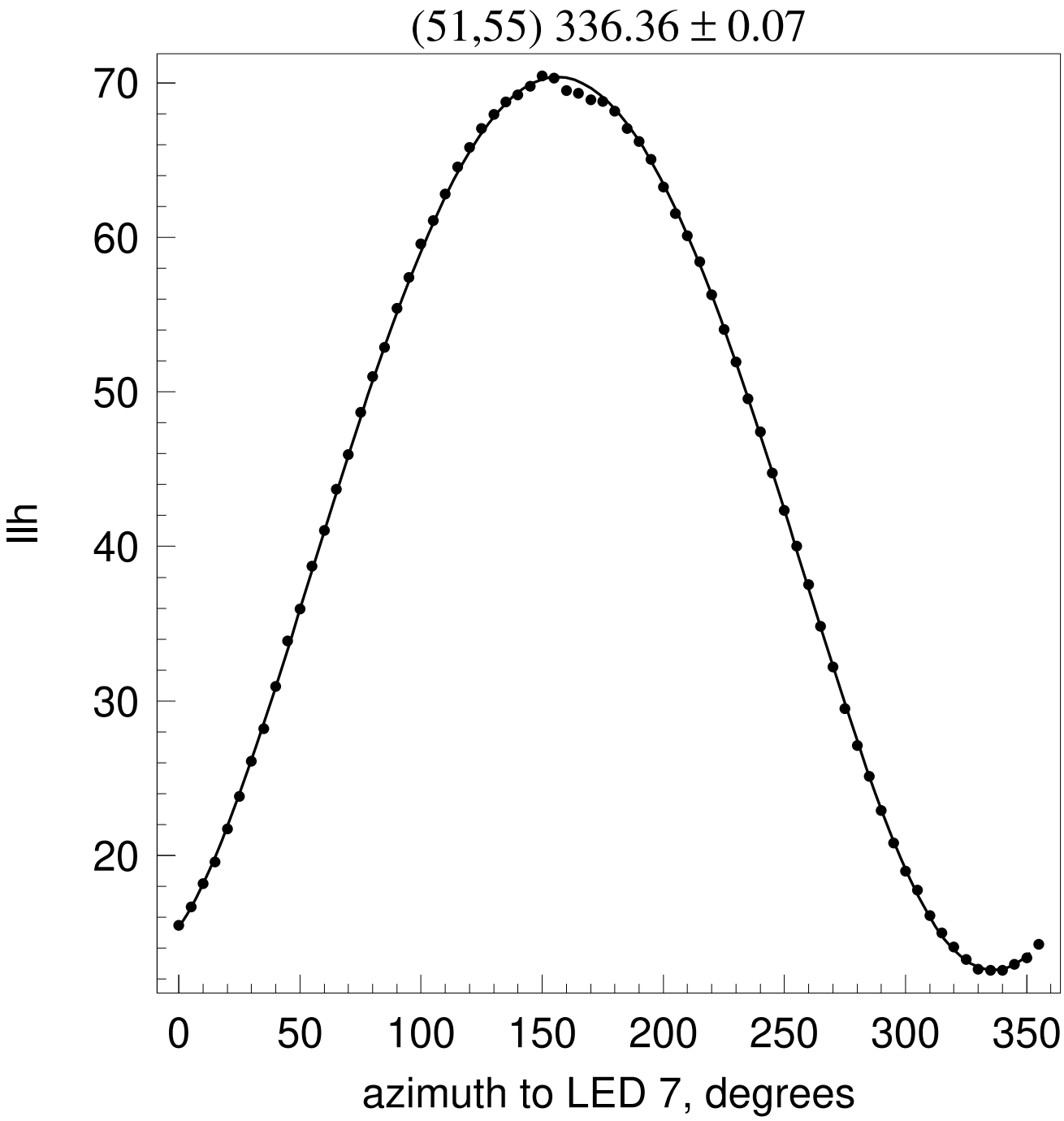

(51,50) 215.61 ± 0.14
140
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

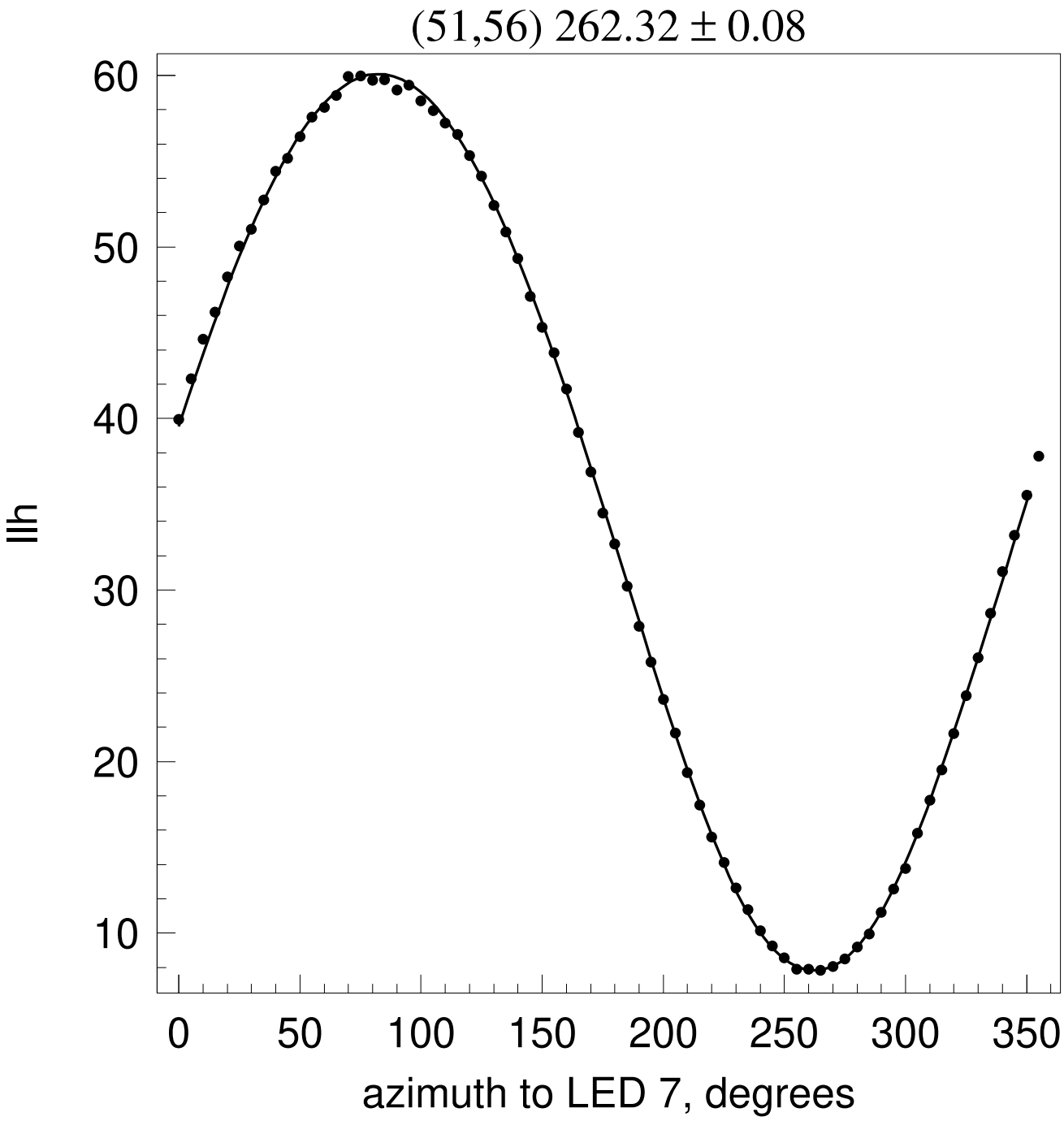

(51,51) 256.23 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

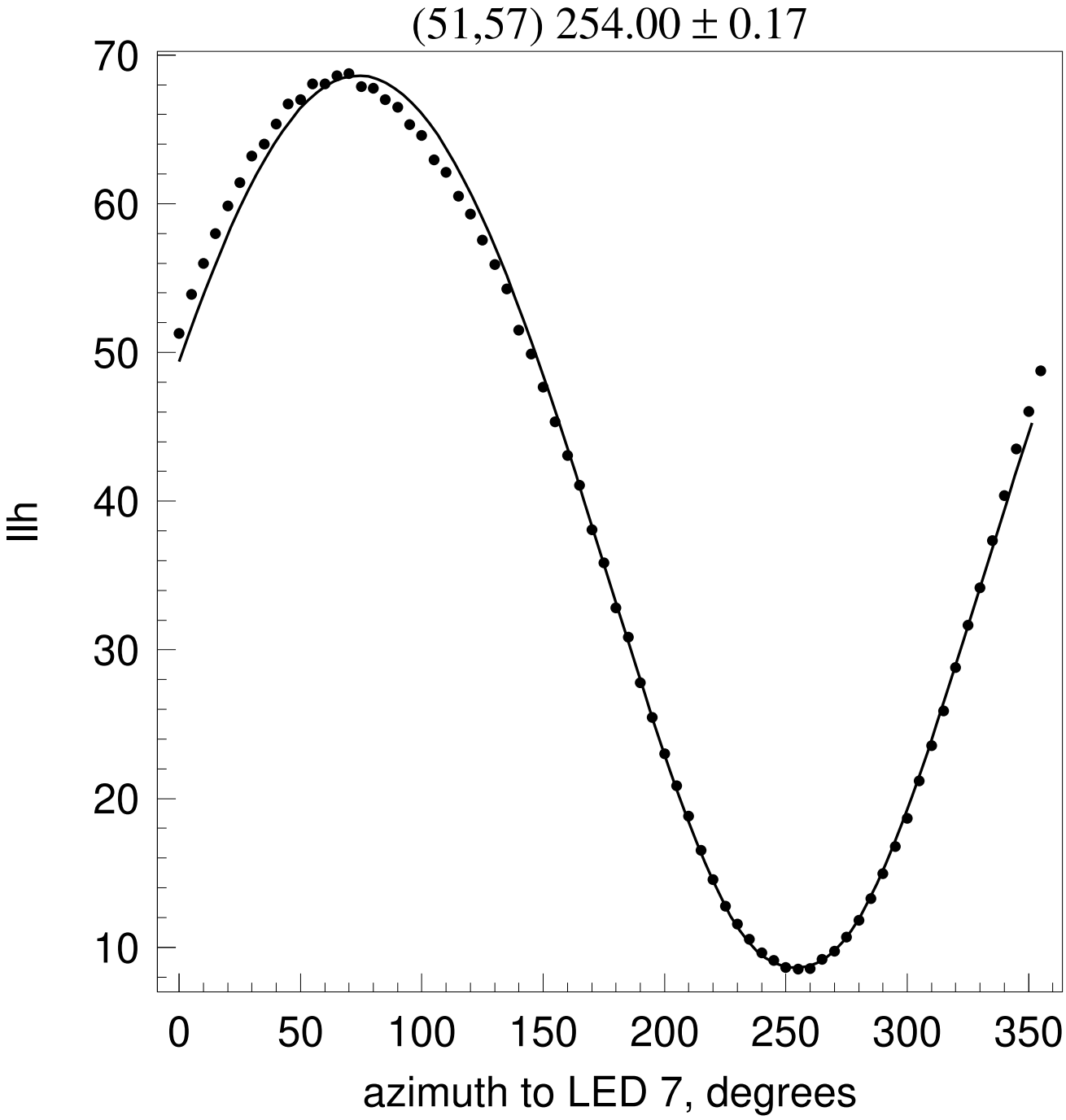

(51,52) 80.32 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

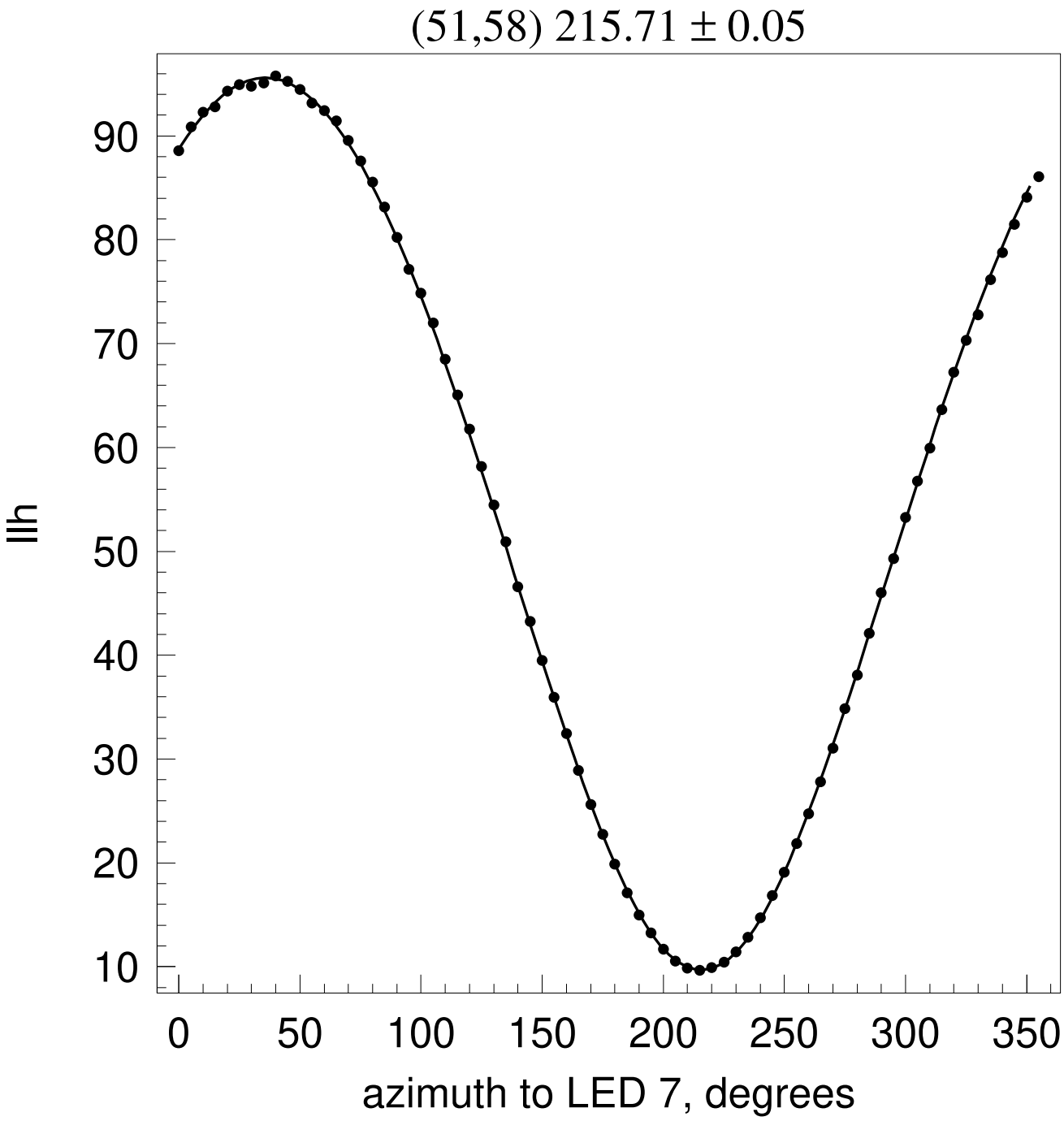

(51,53) 56.72 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

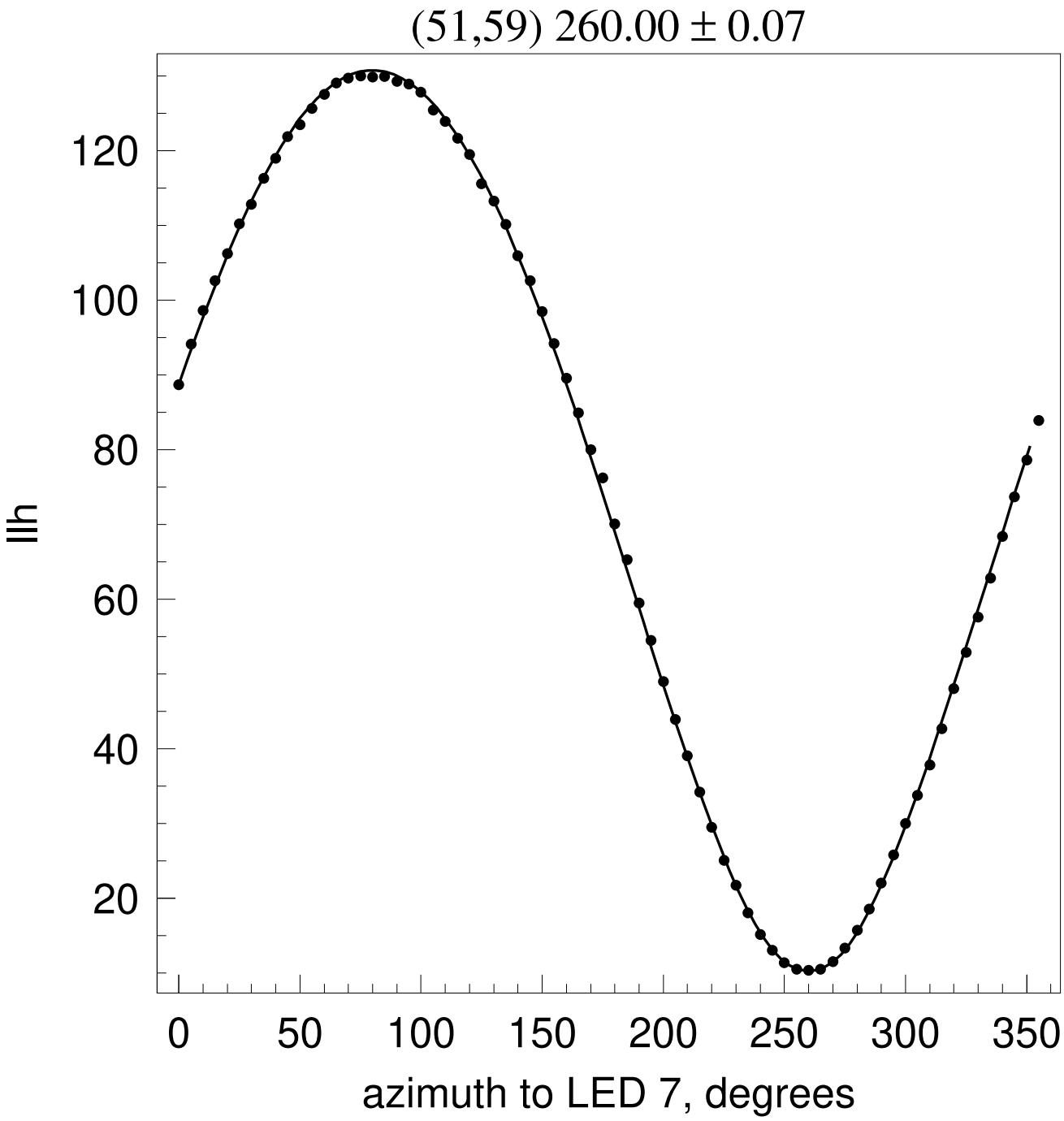

(51,54) 18.27 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

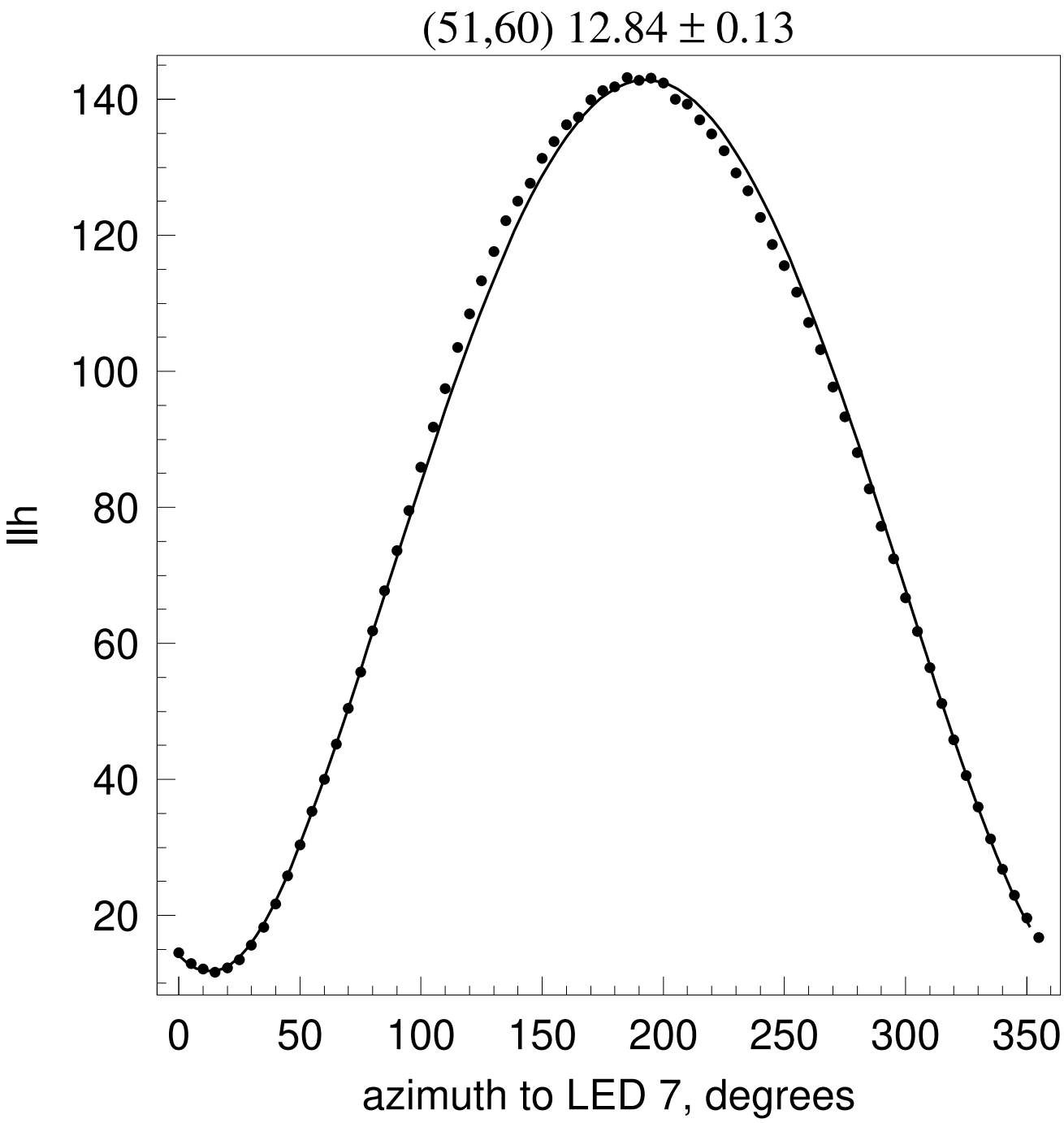

(51,55) 336.36 ± 0.07
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

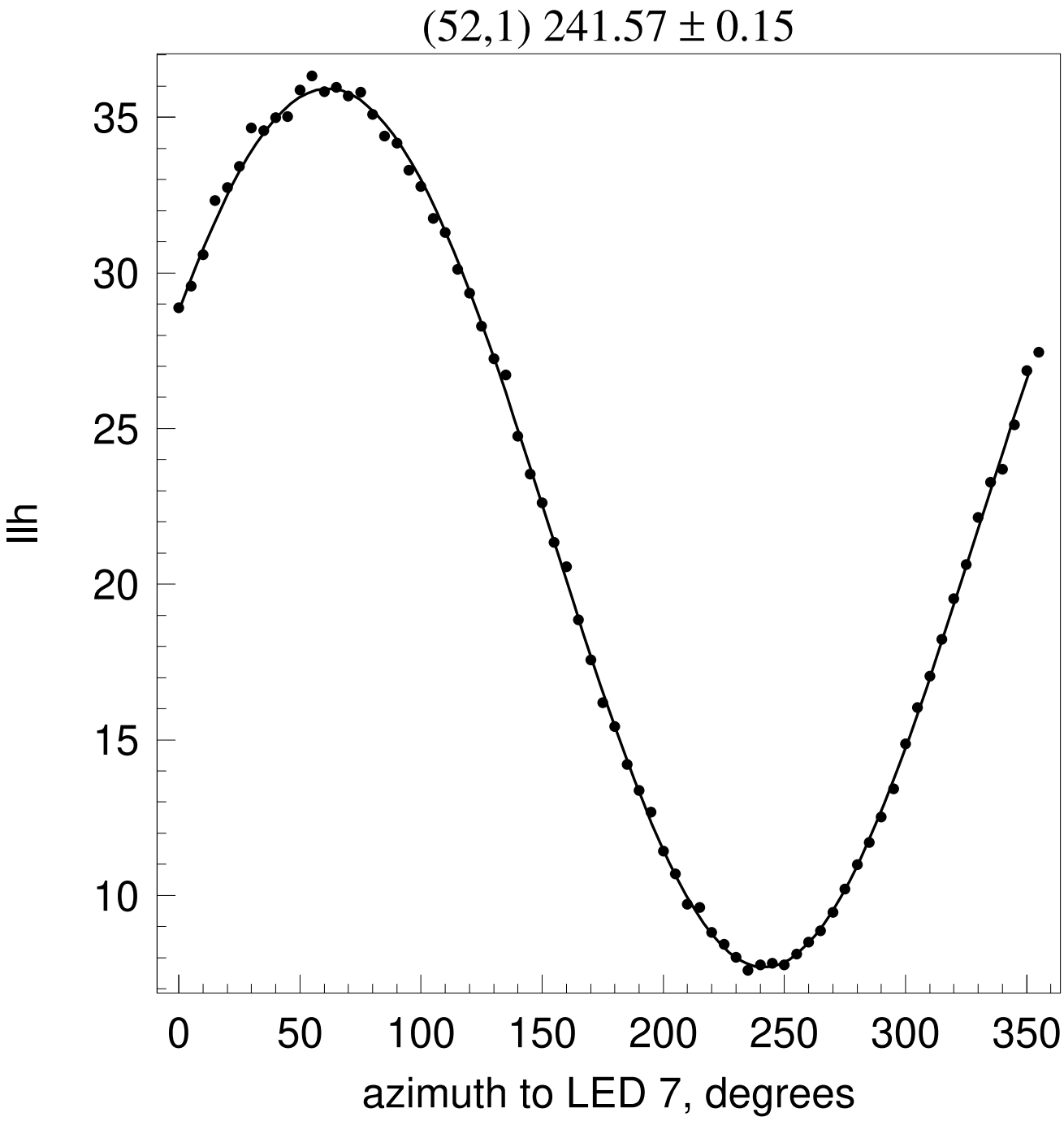

(51,56) 262.32 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

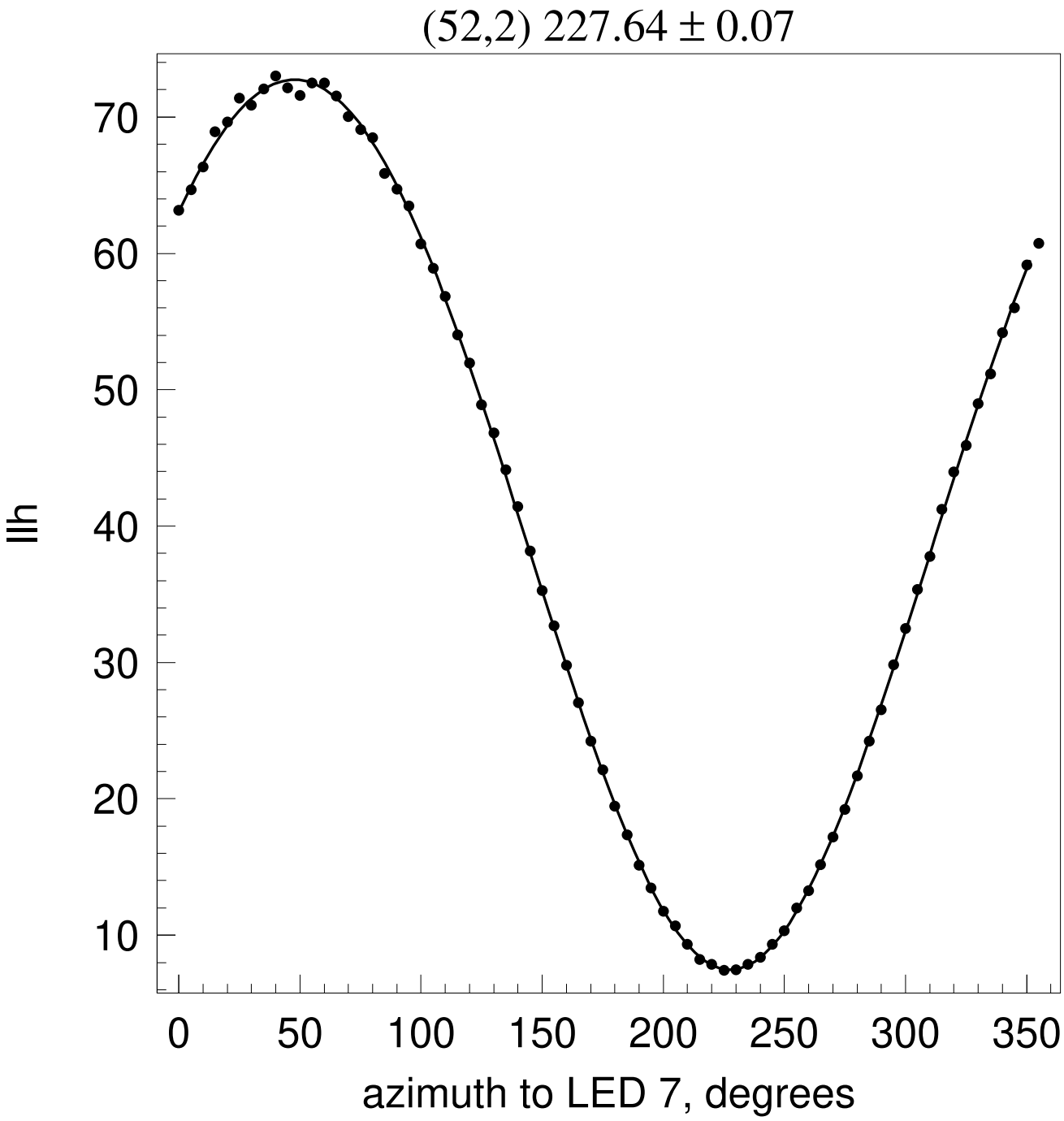

(51,57) 254.00 ± 0.17
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

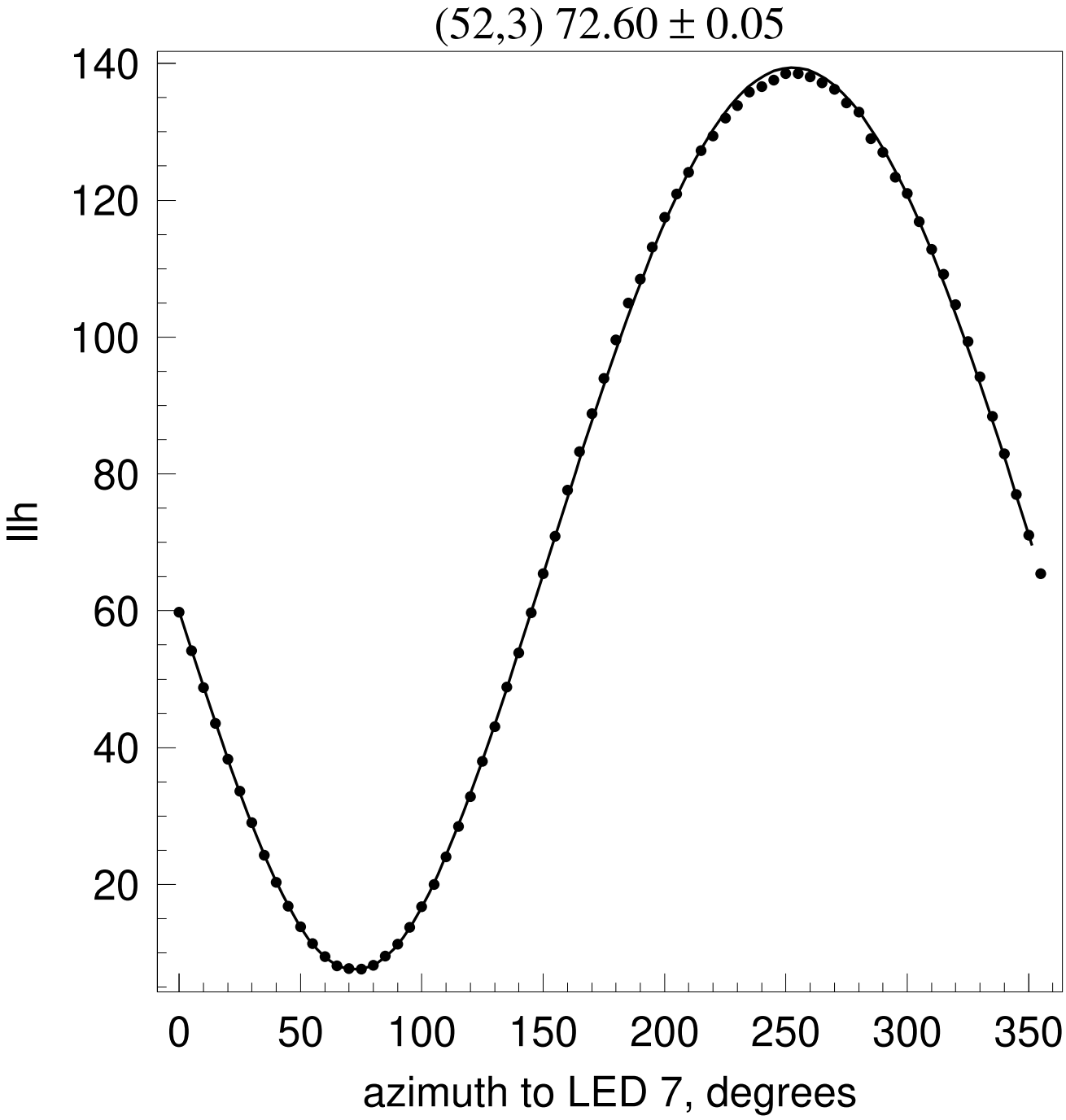

(51,58) 215.71 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

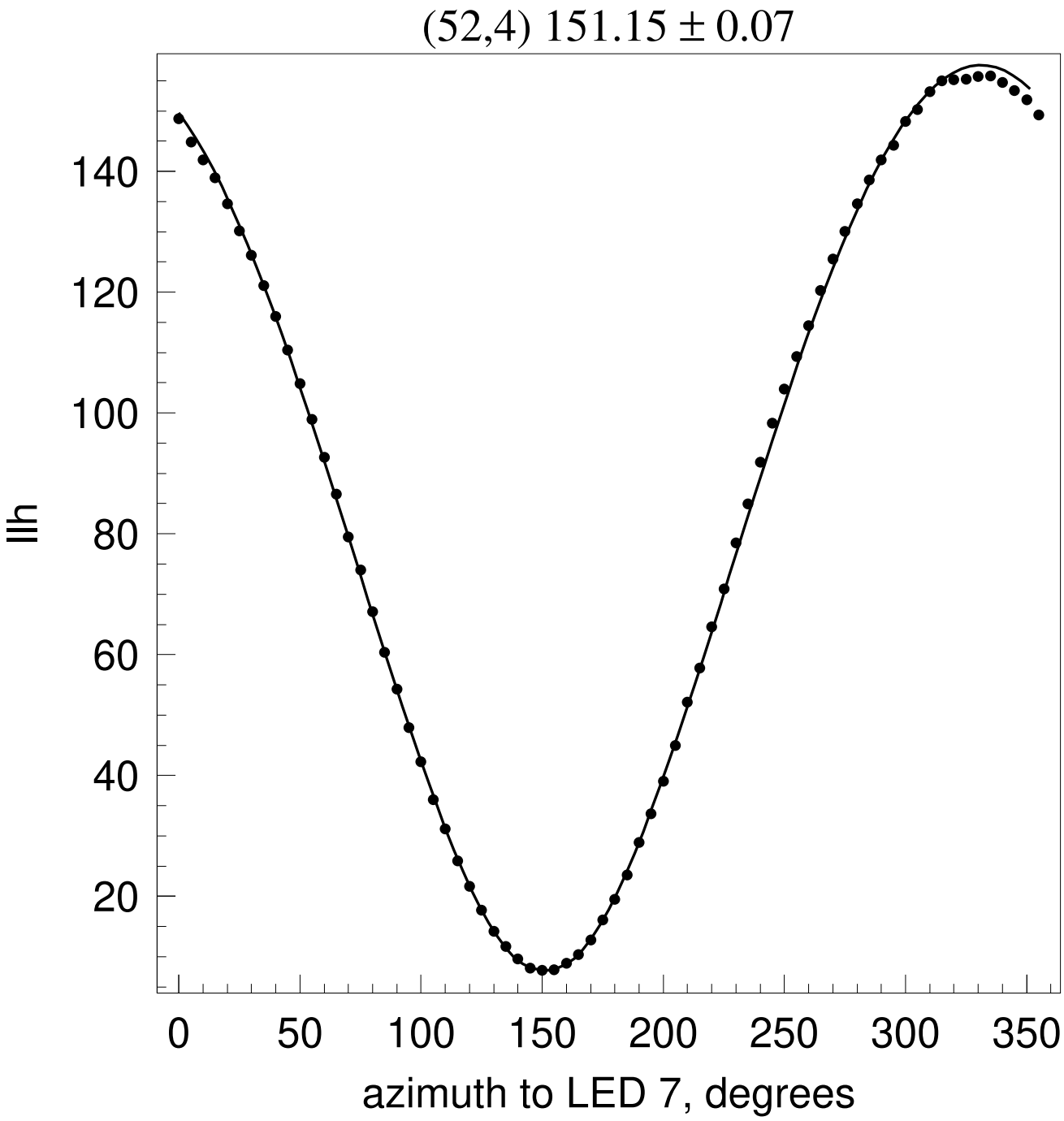

(51,59) 260.00 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

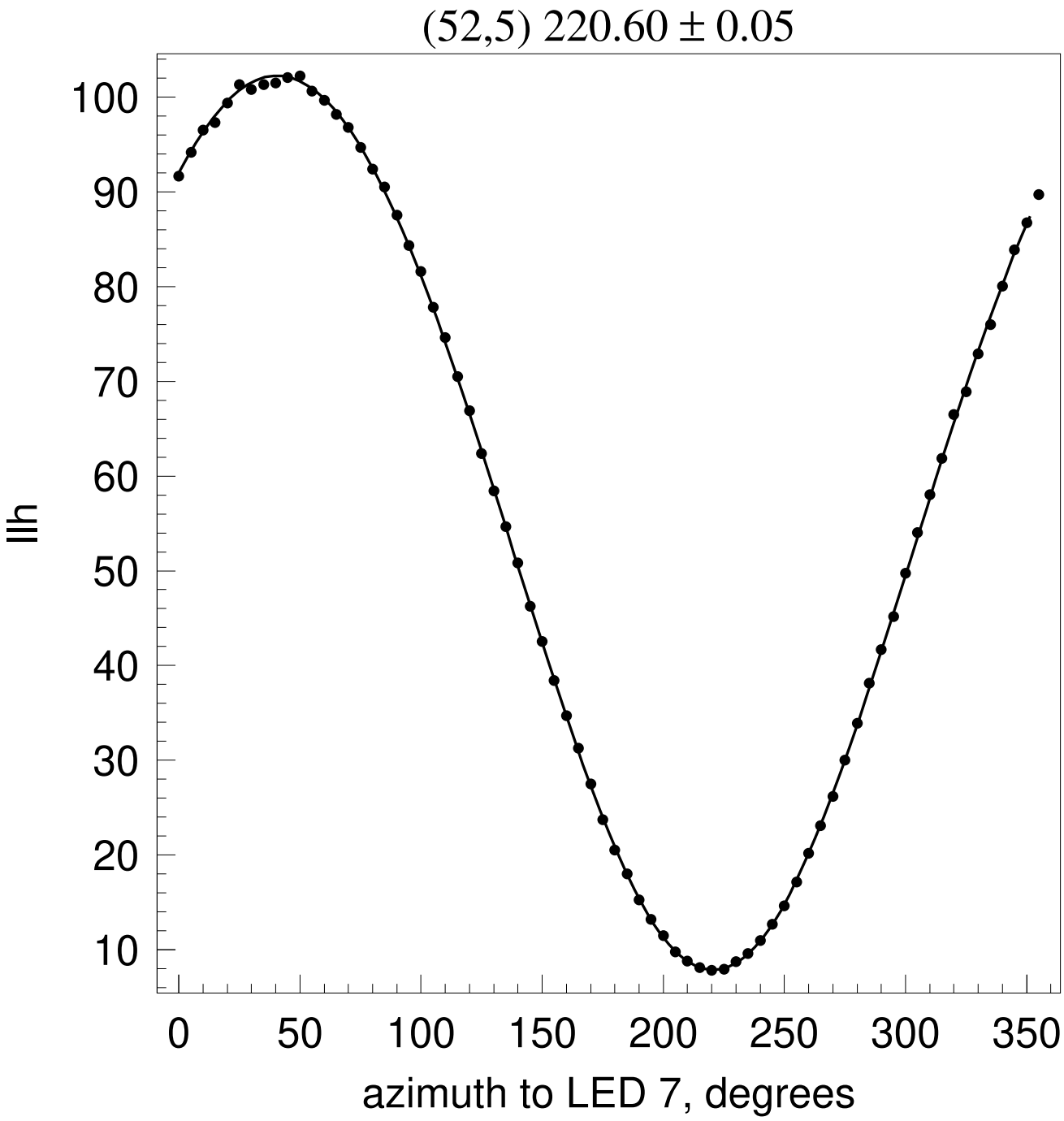

(51,60) 12.84 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

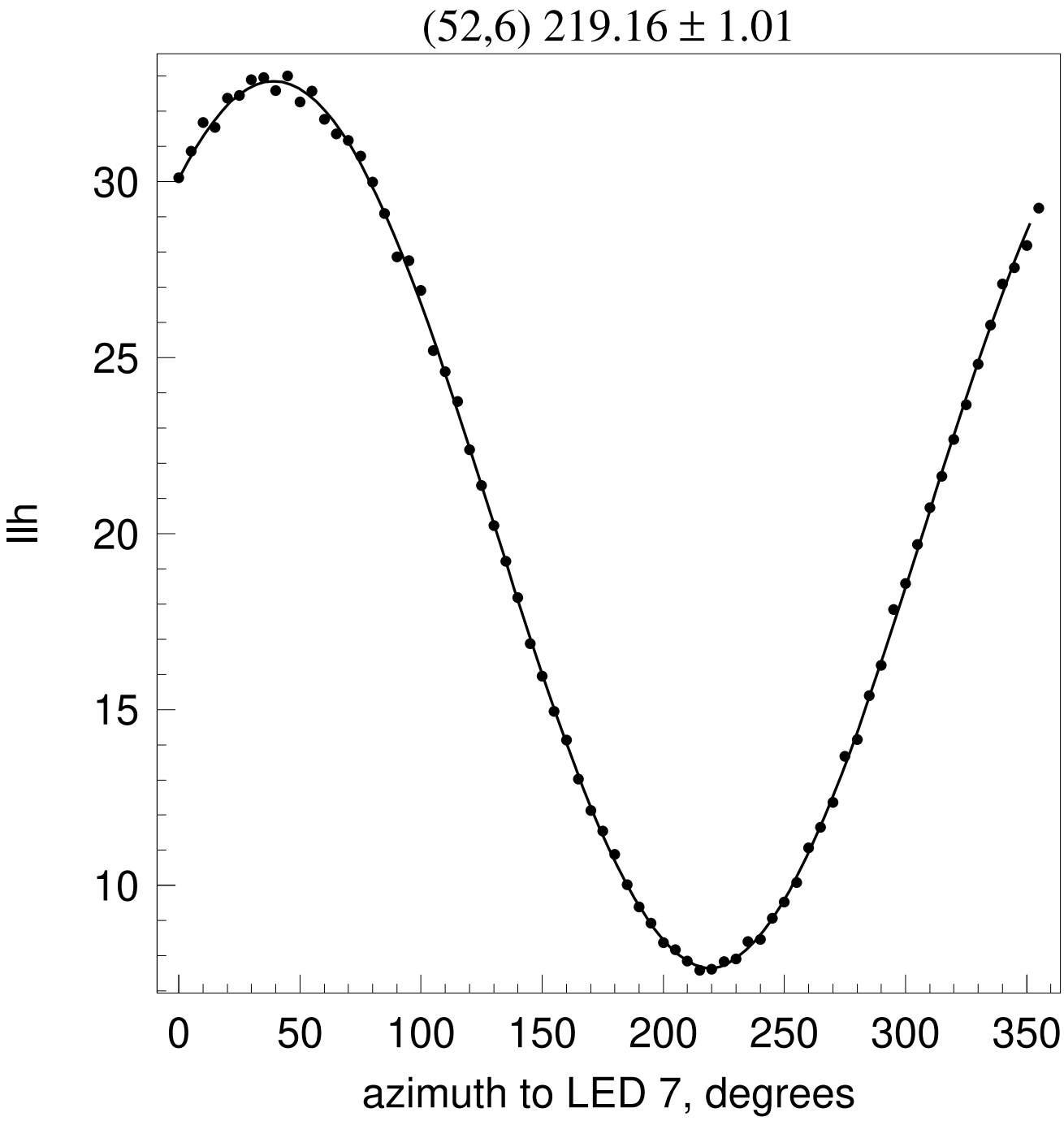

(52,1) 241.57 ± 0.15
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

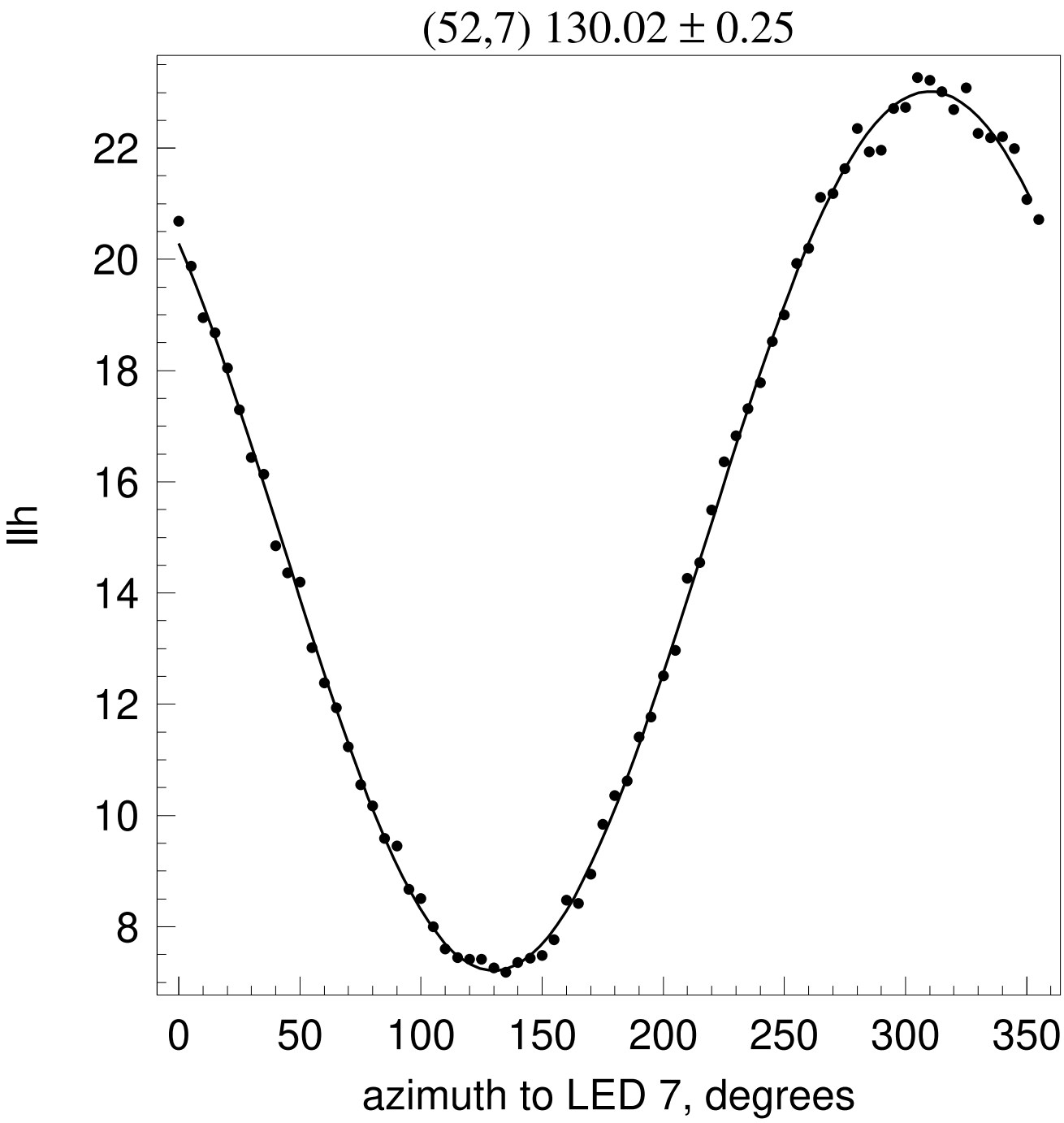

(52,2) 227.64 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

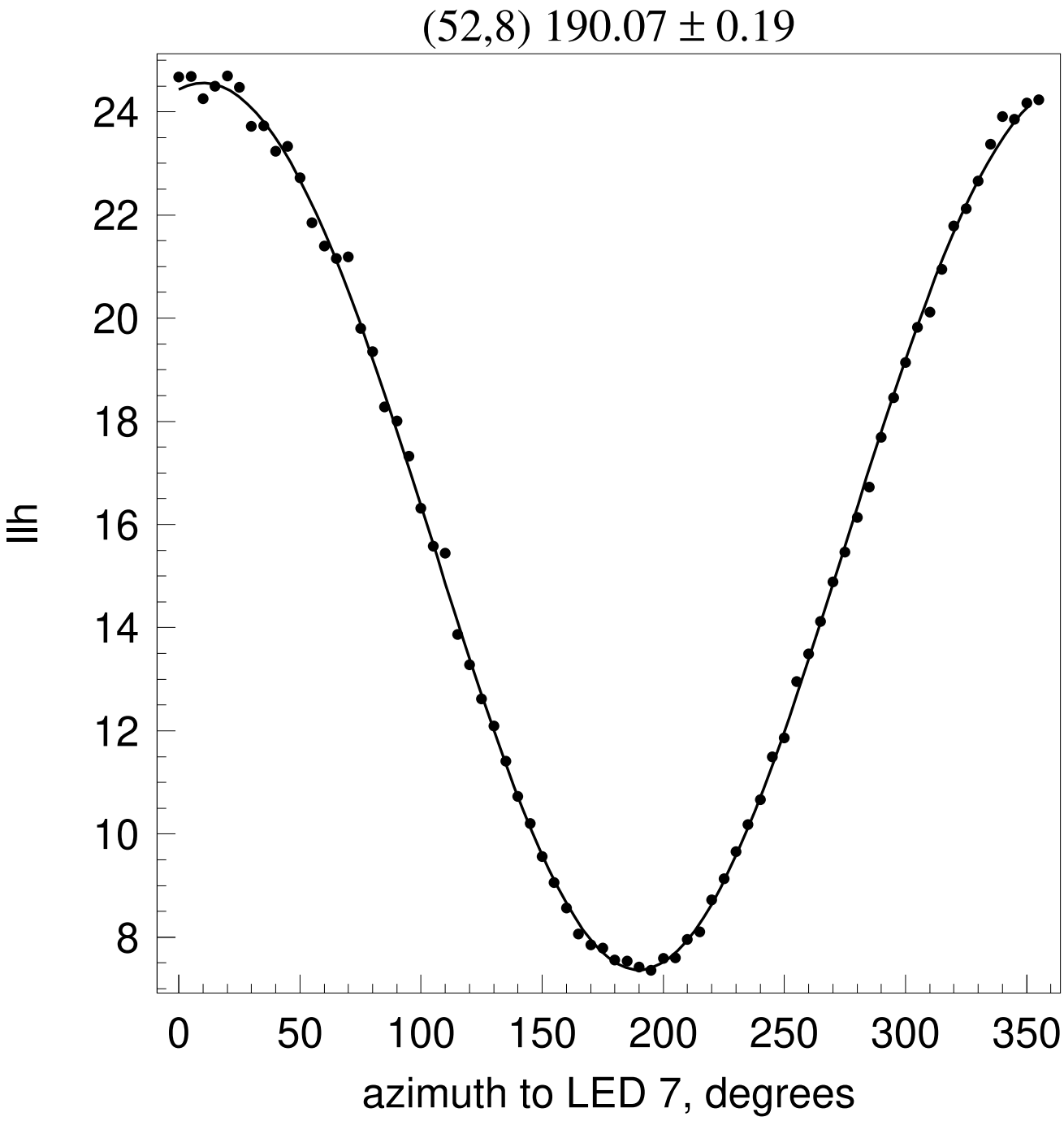

(52,3) 72.60 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

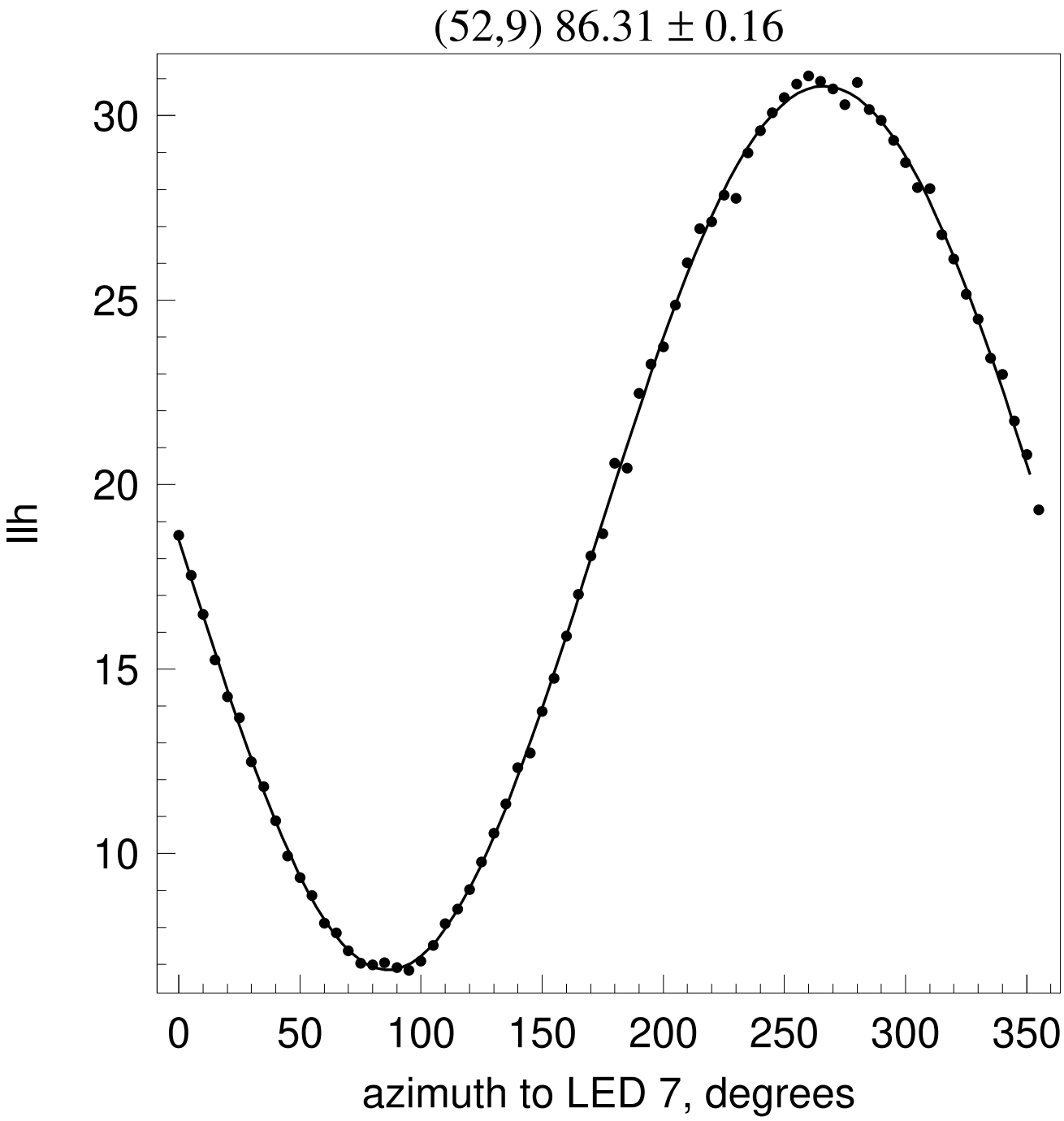

(52,4) 151.15 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

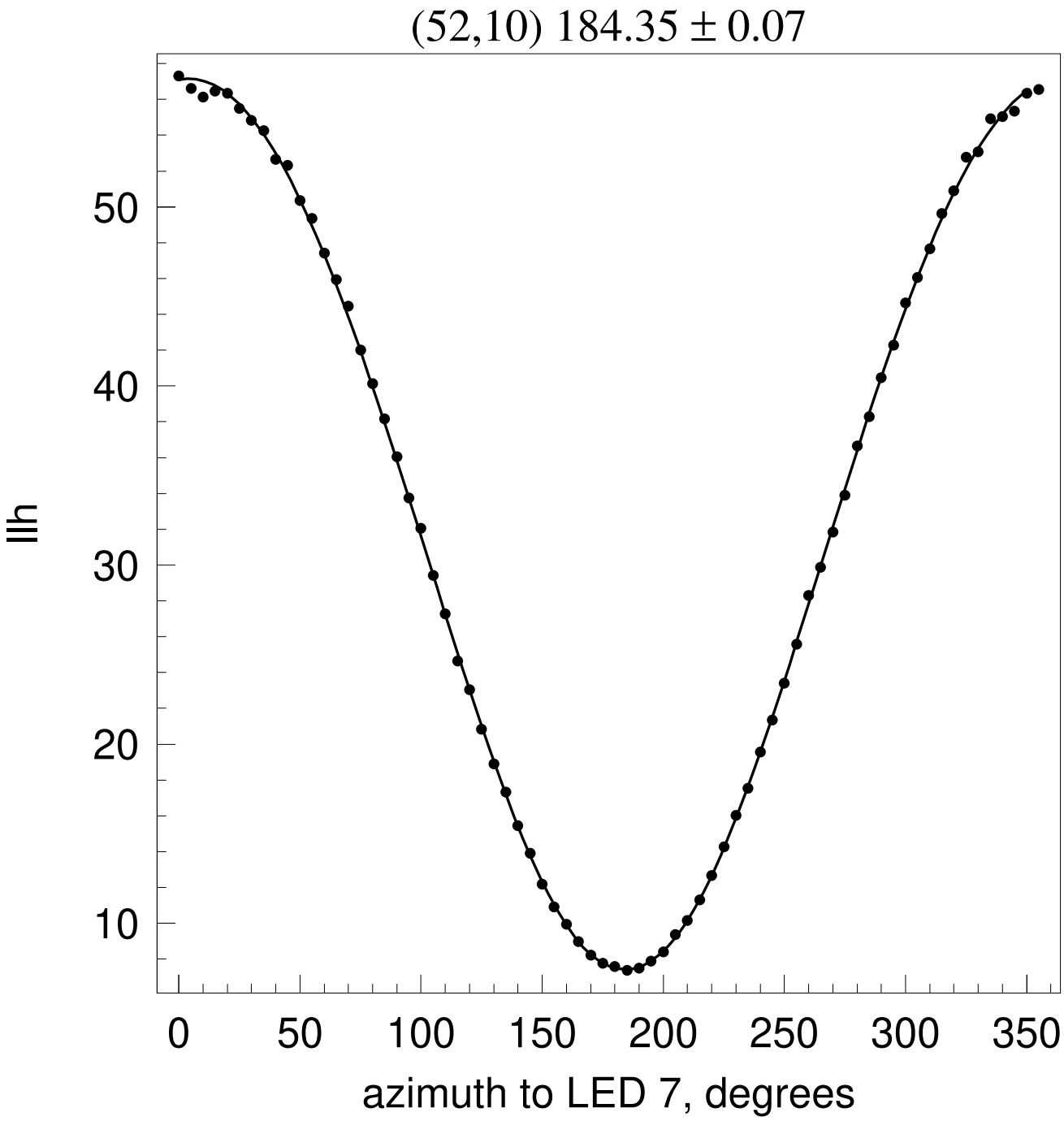

(52,5) 220.60 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

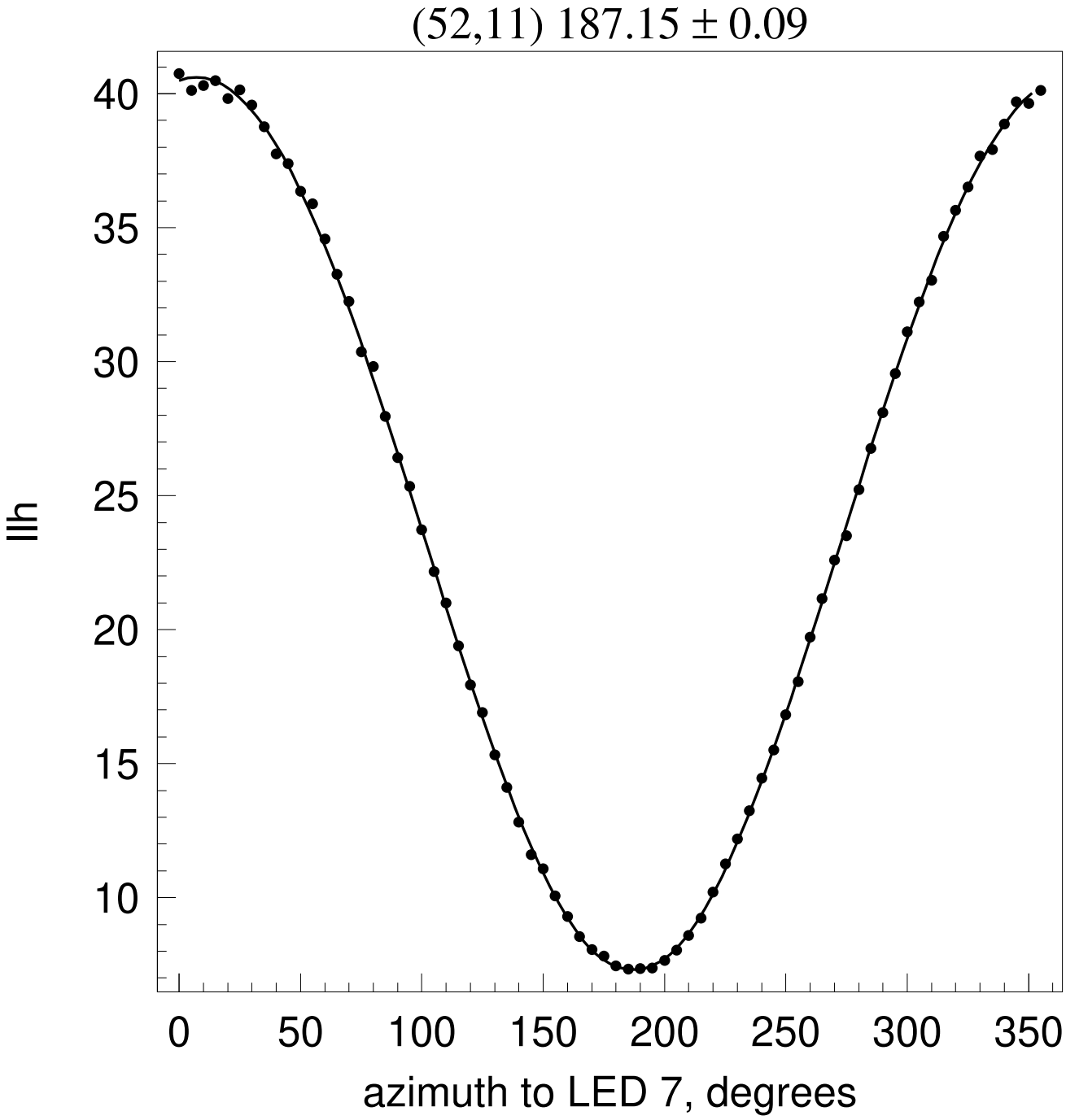

(52,6) 219.16 ± 1.01
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

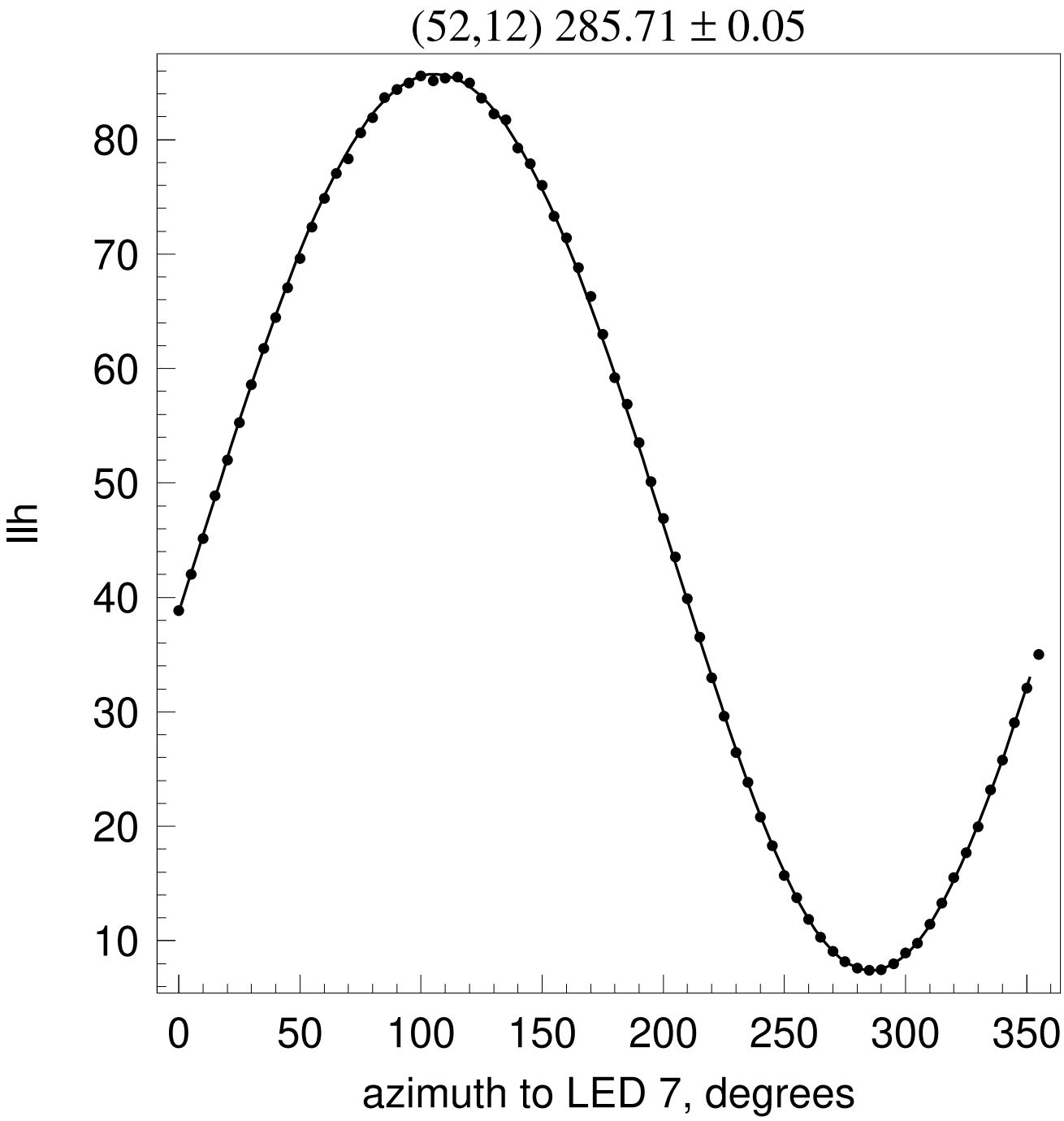

(52,7) 130.02 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

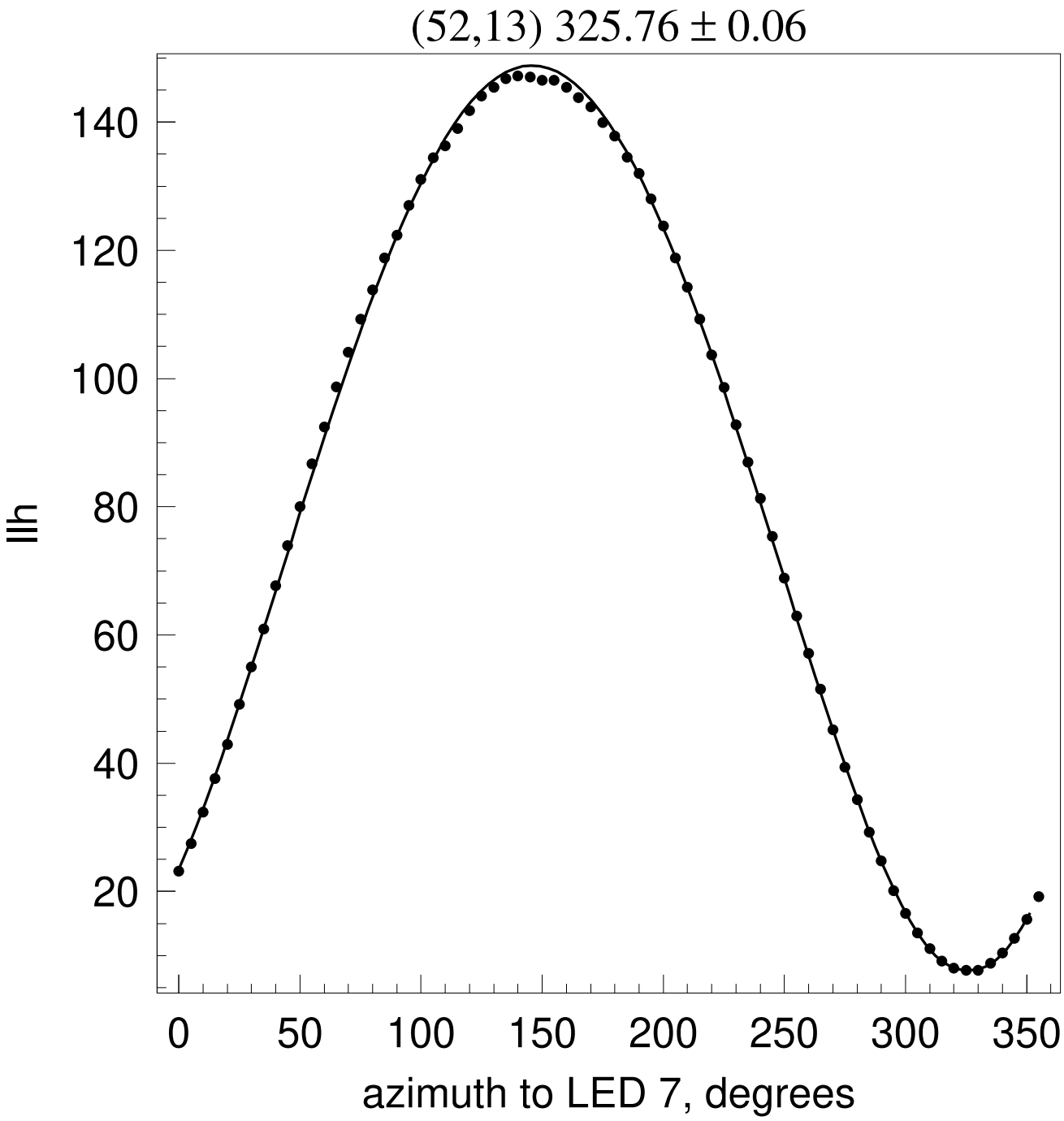

(52,8) 190.07 ± 0.19
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

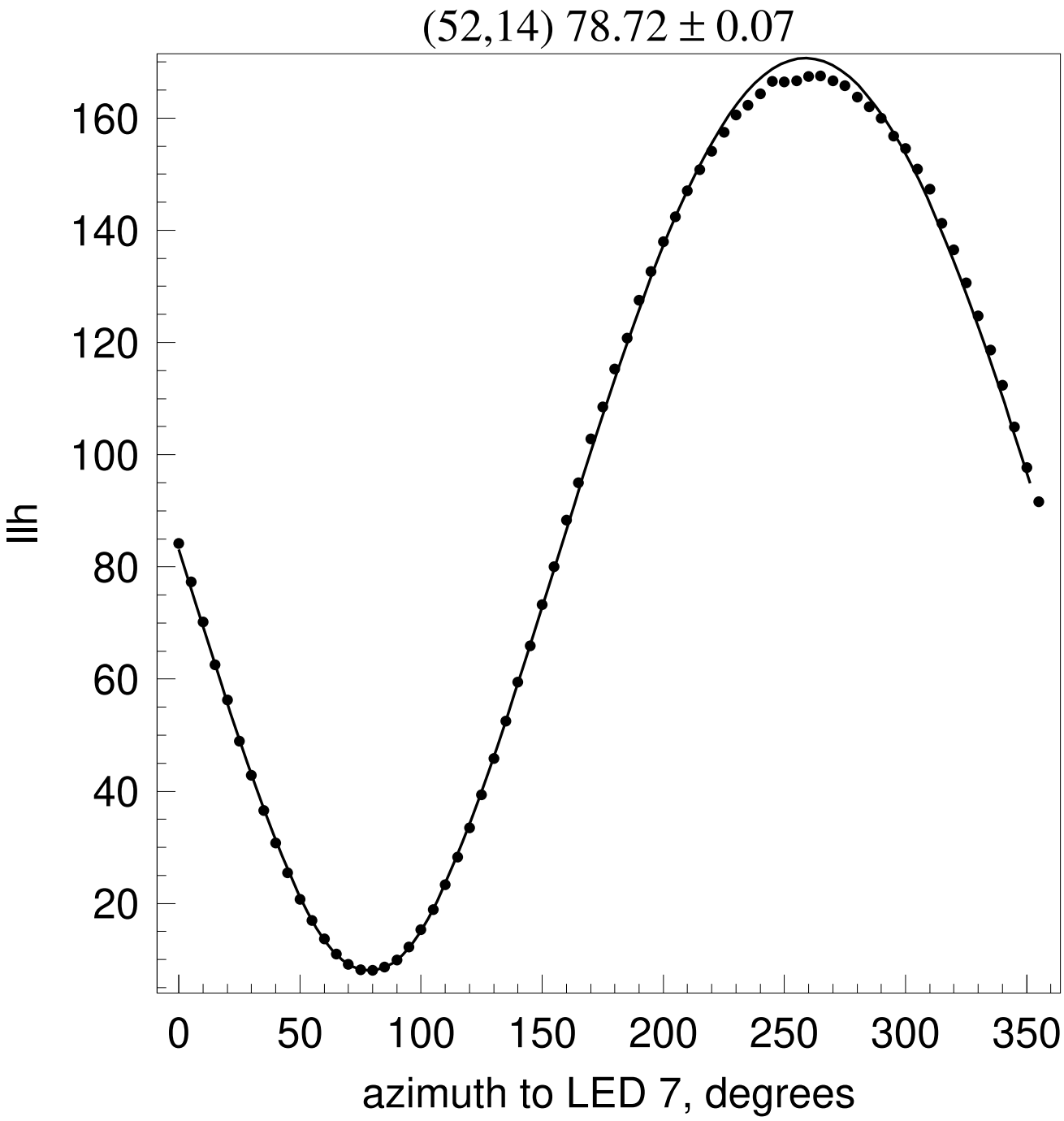

(52,9) 86.31 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

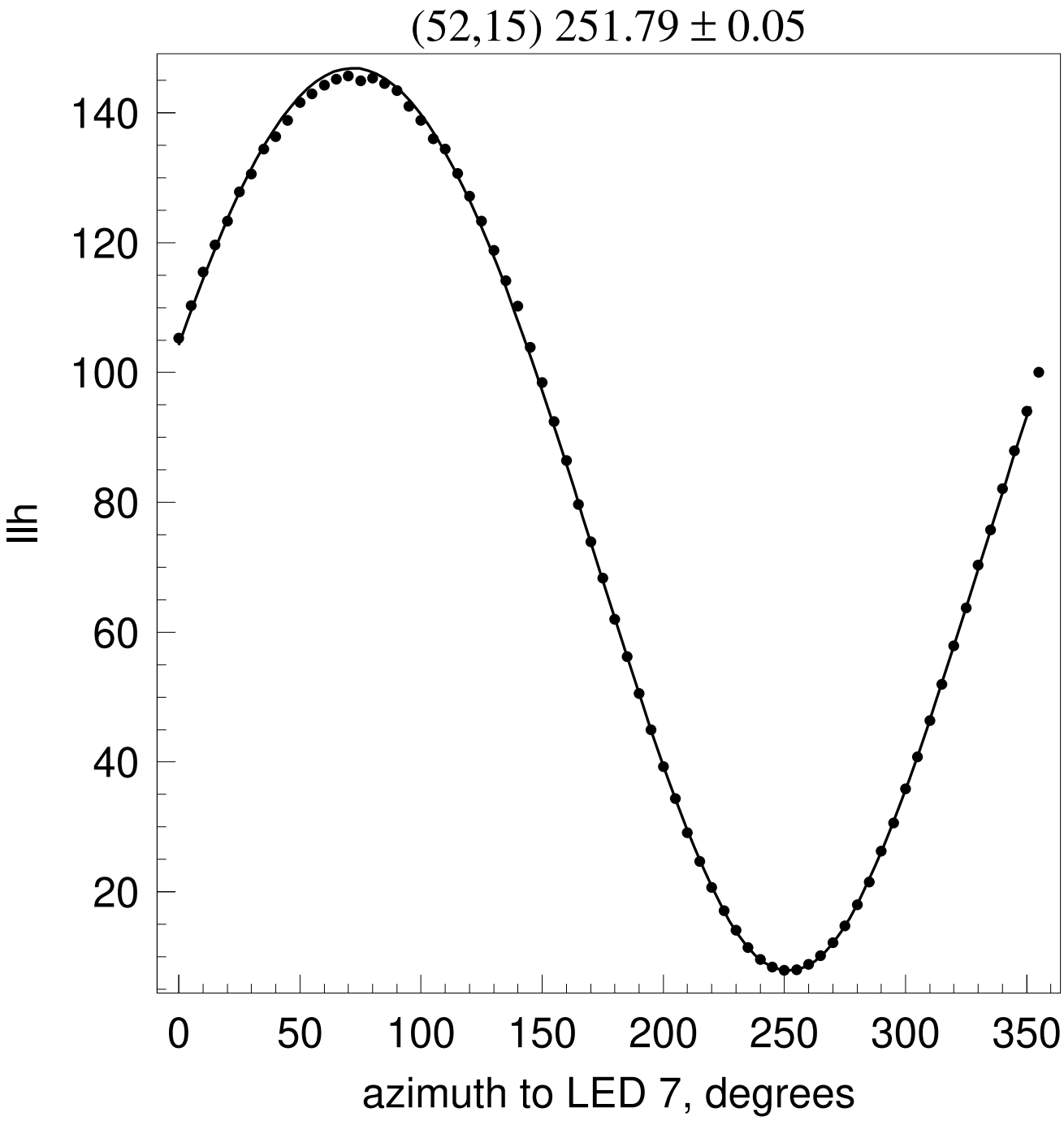

(52,10) 184.35 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

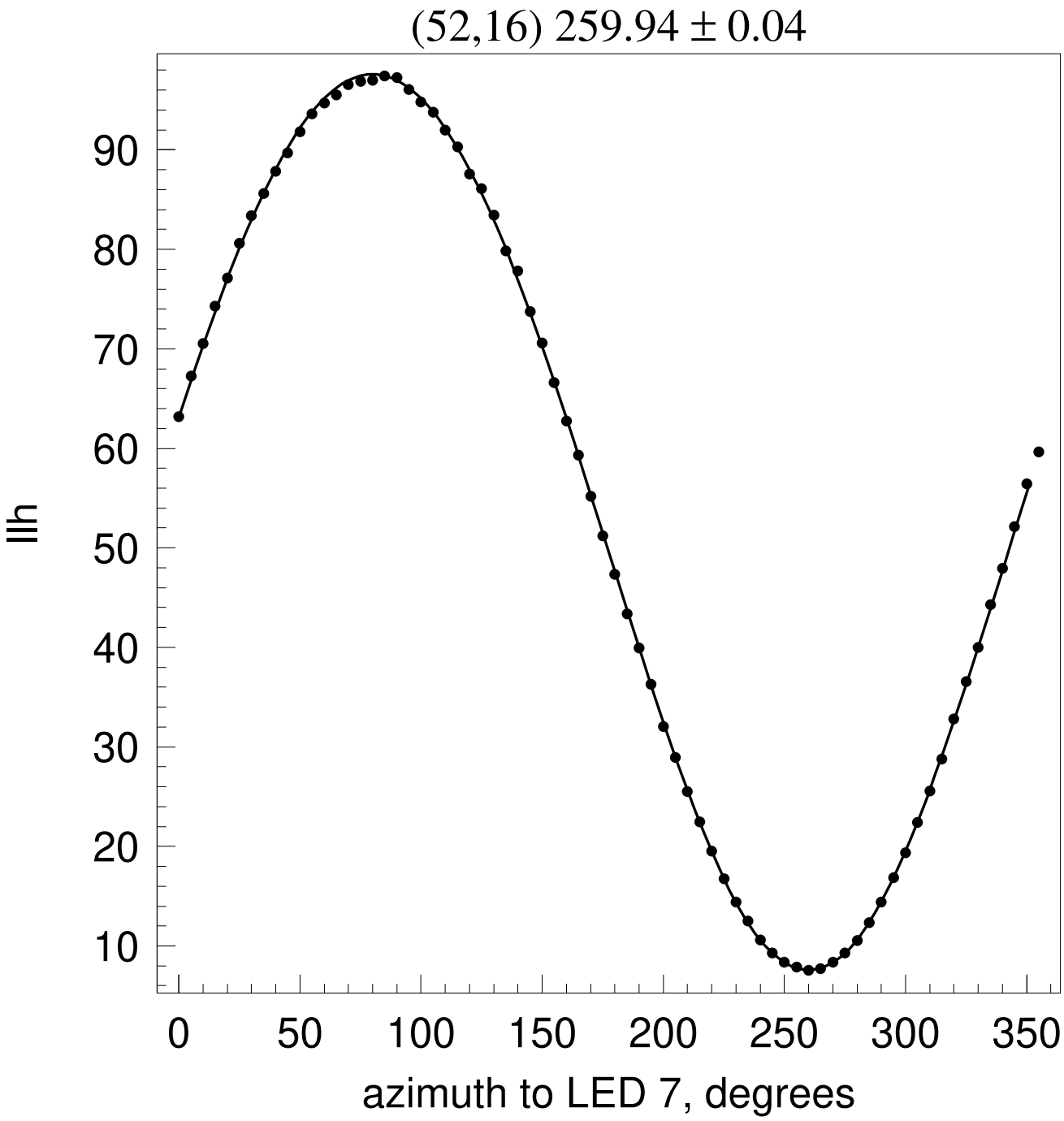

(52,11) 187.15 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

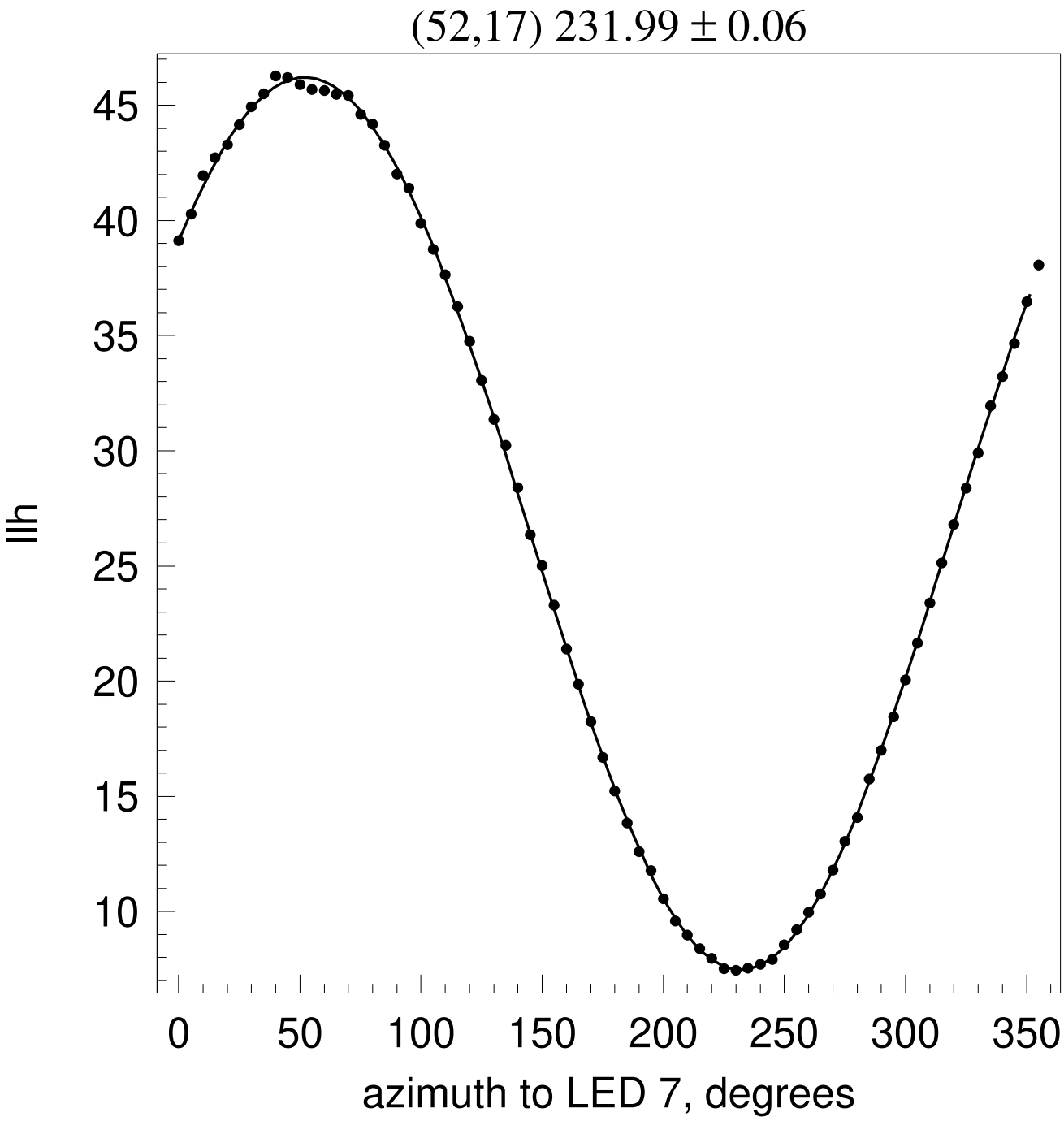

(52,12) 285.71 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

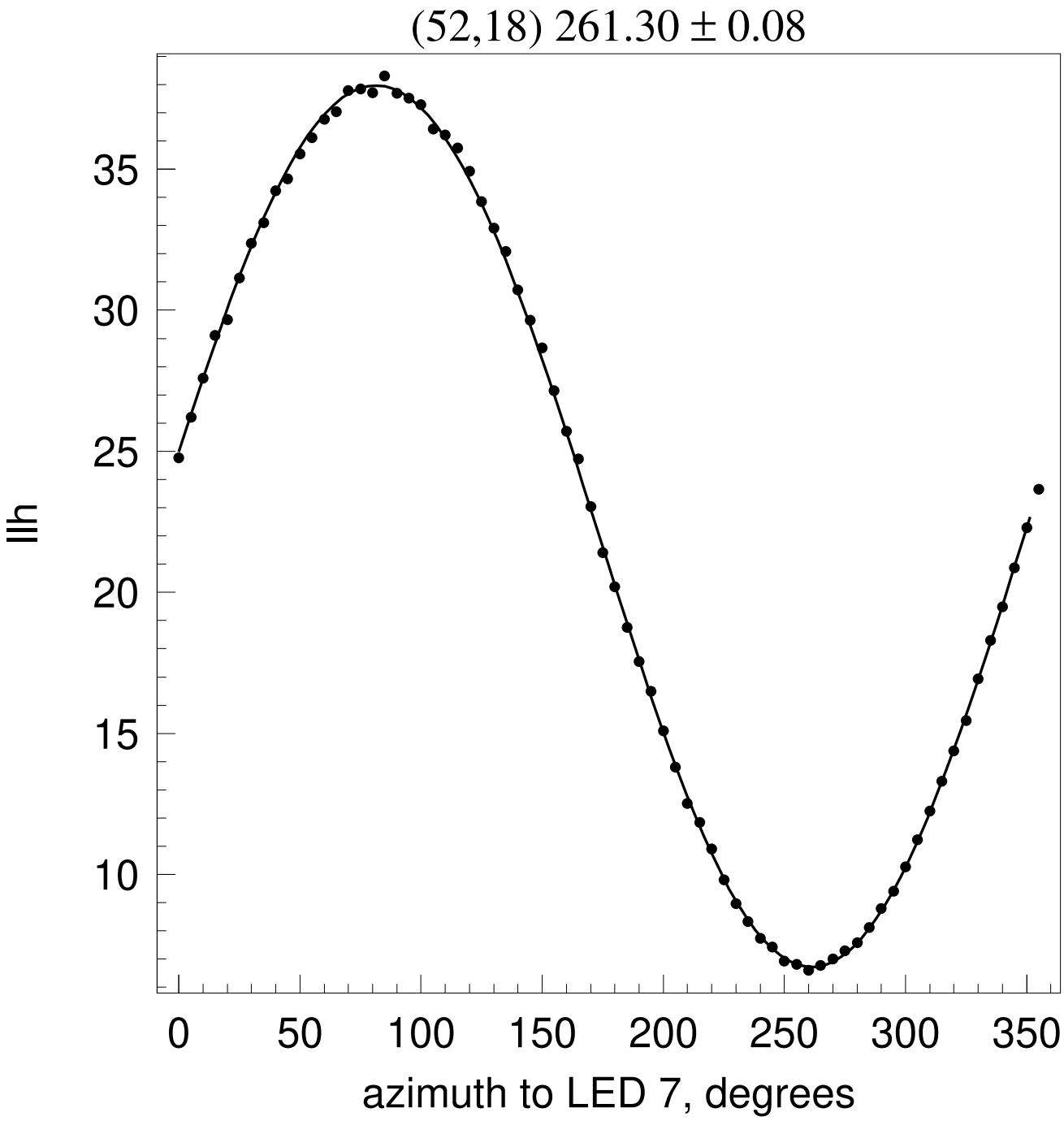

(52,13) 325.76 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

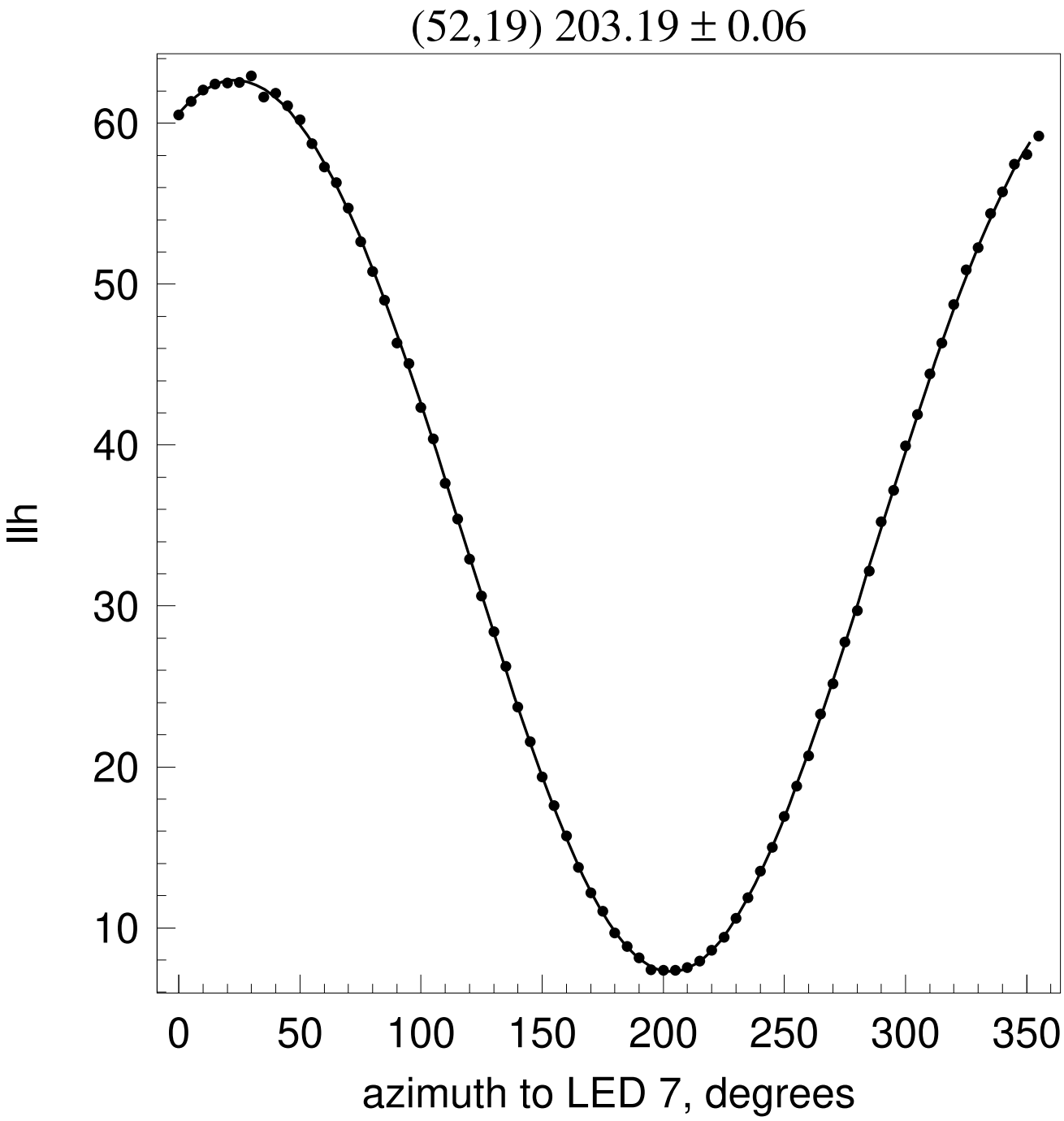

(52,14) 78.72 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

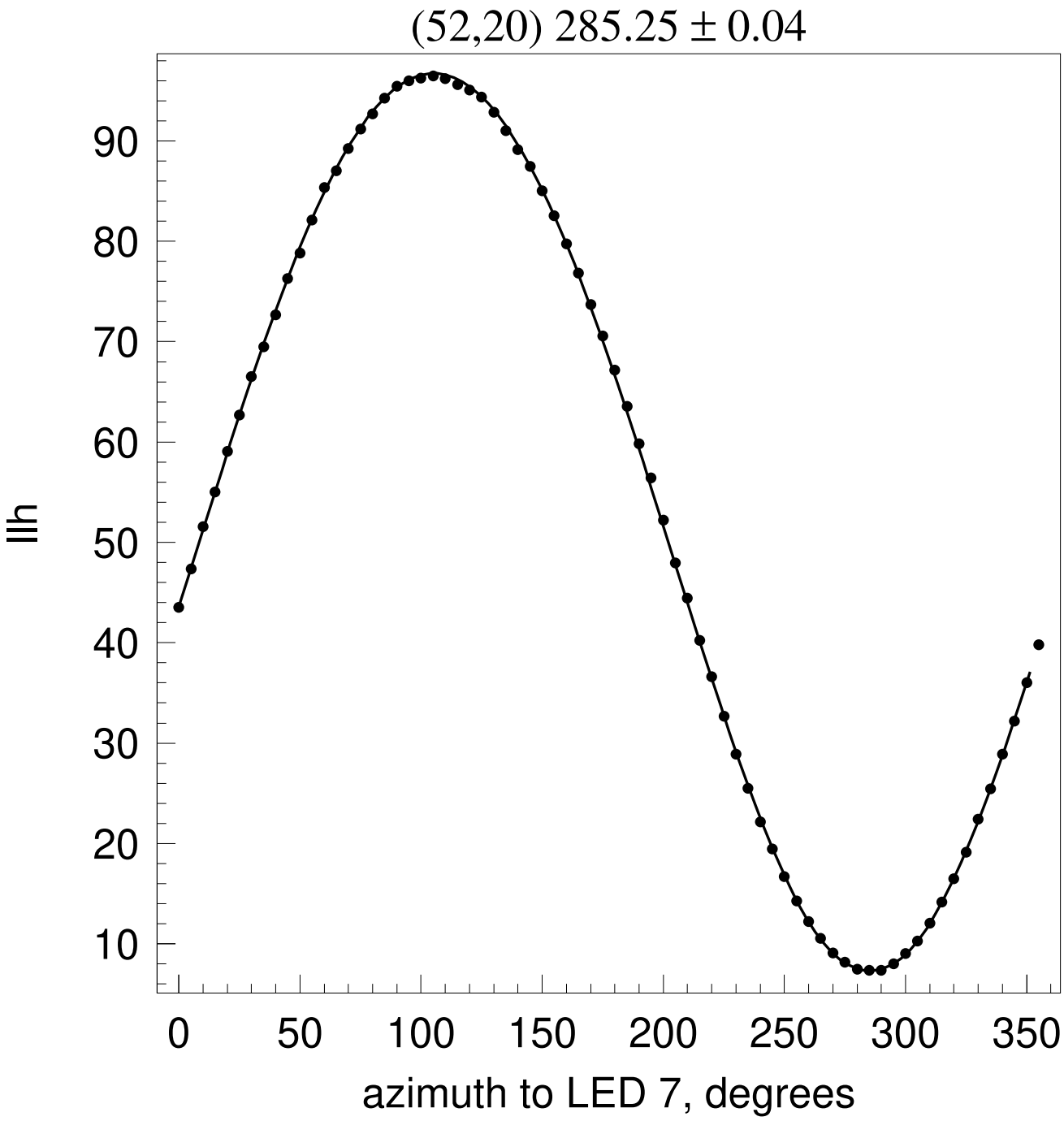

(52,15) 251.79 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

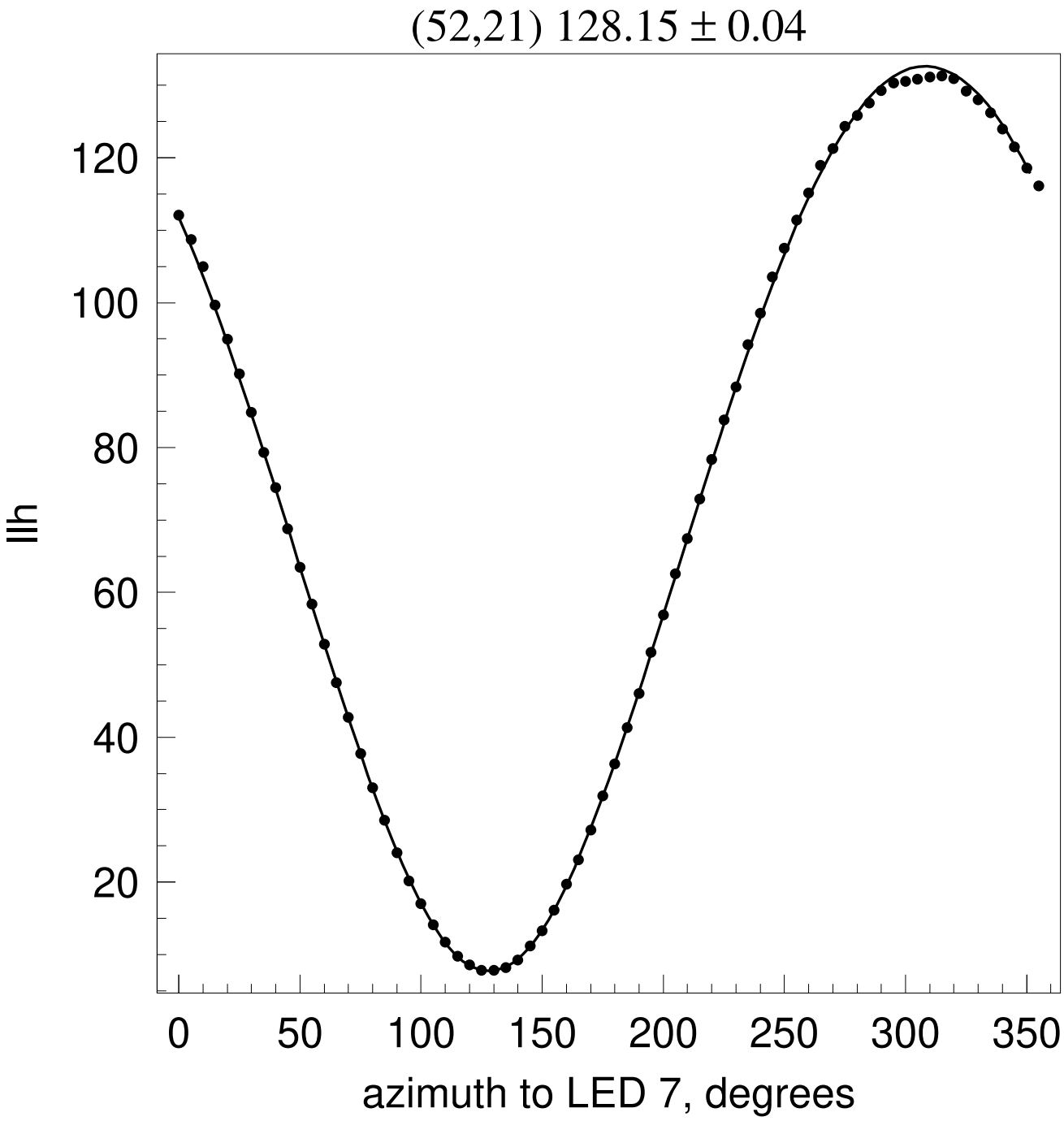

(52,16) 259.94 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

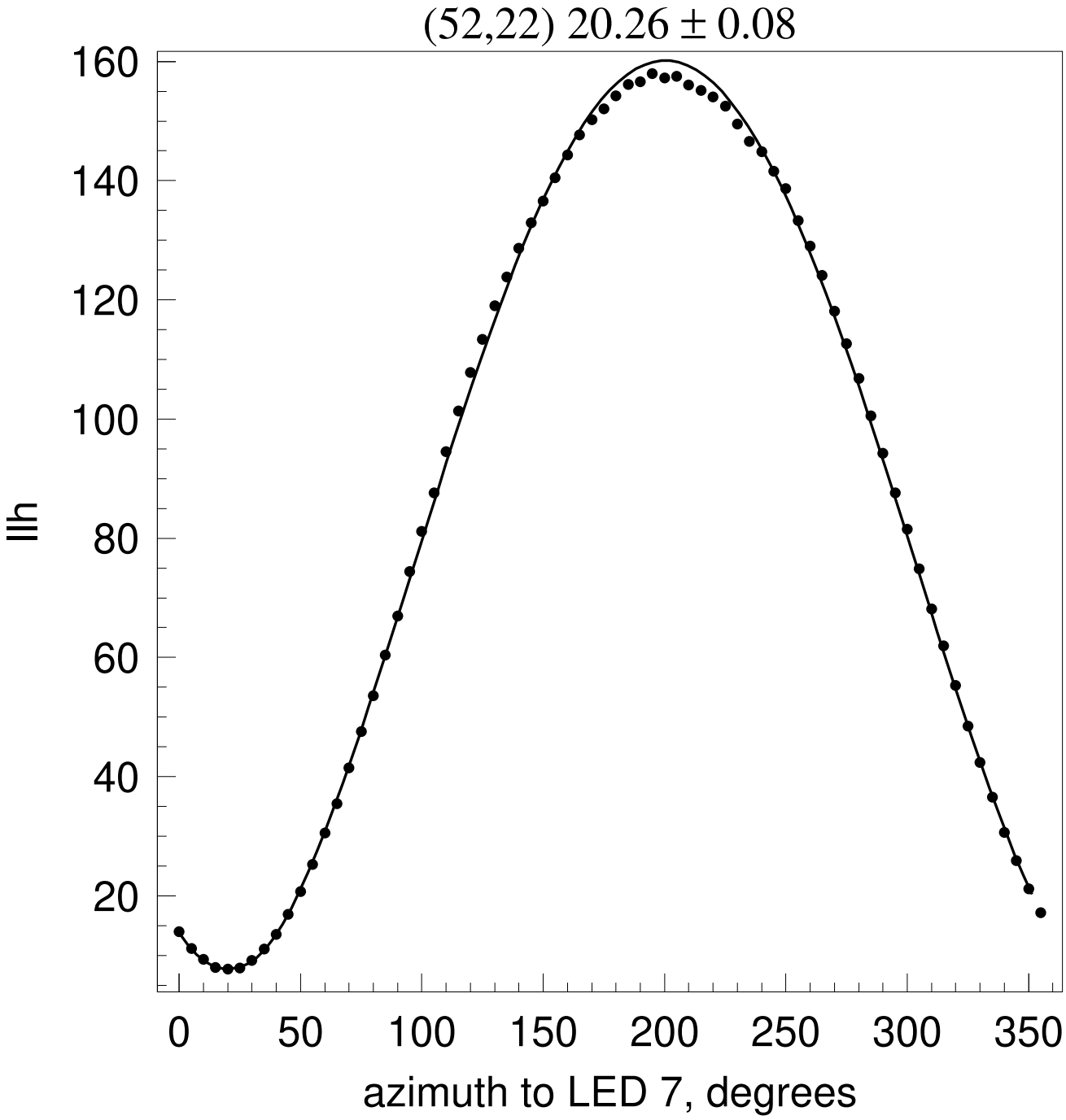

(52,17) 231.99 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

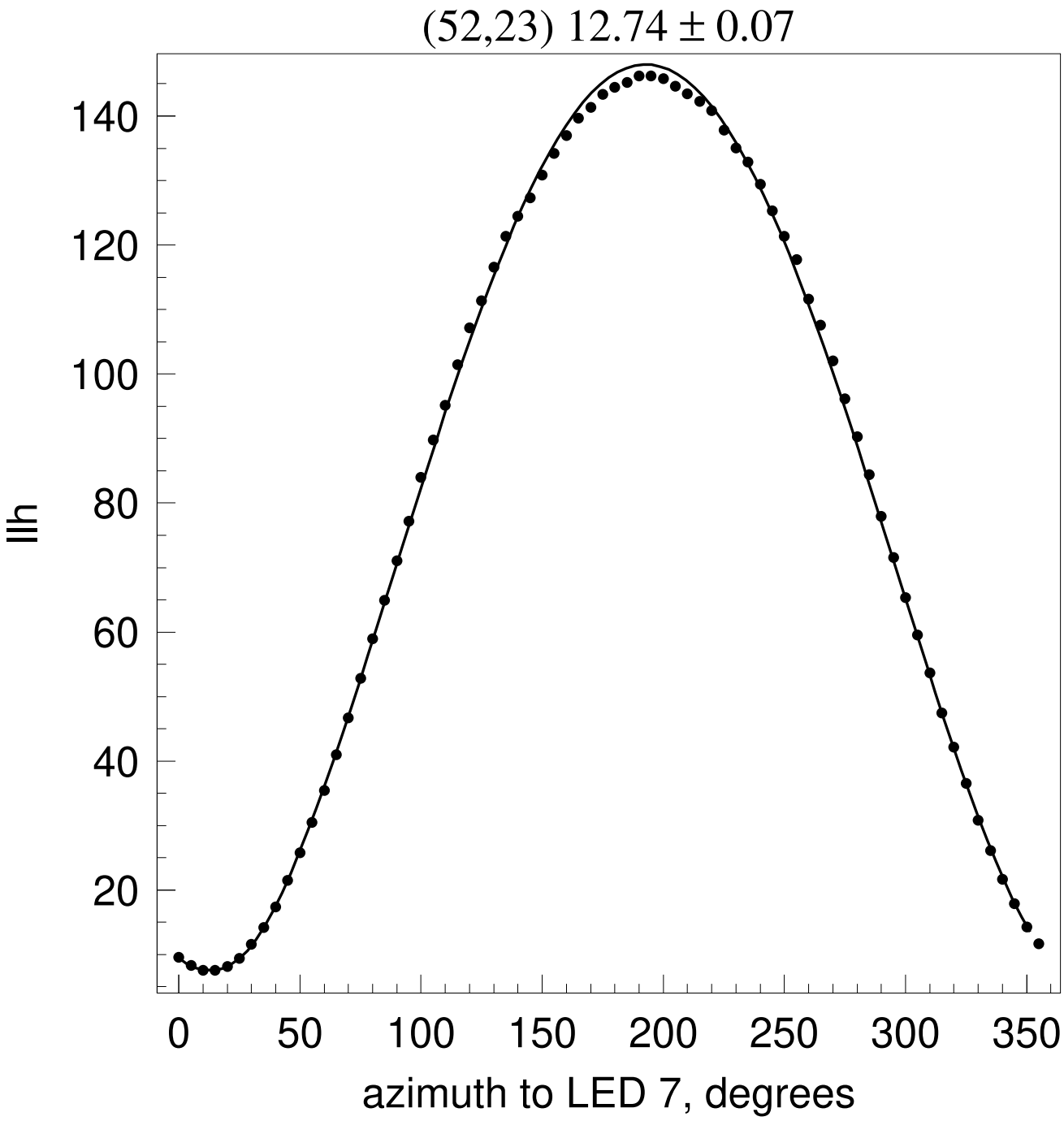

(52,18) 261.30 ± 0.08
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

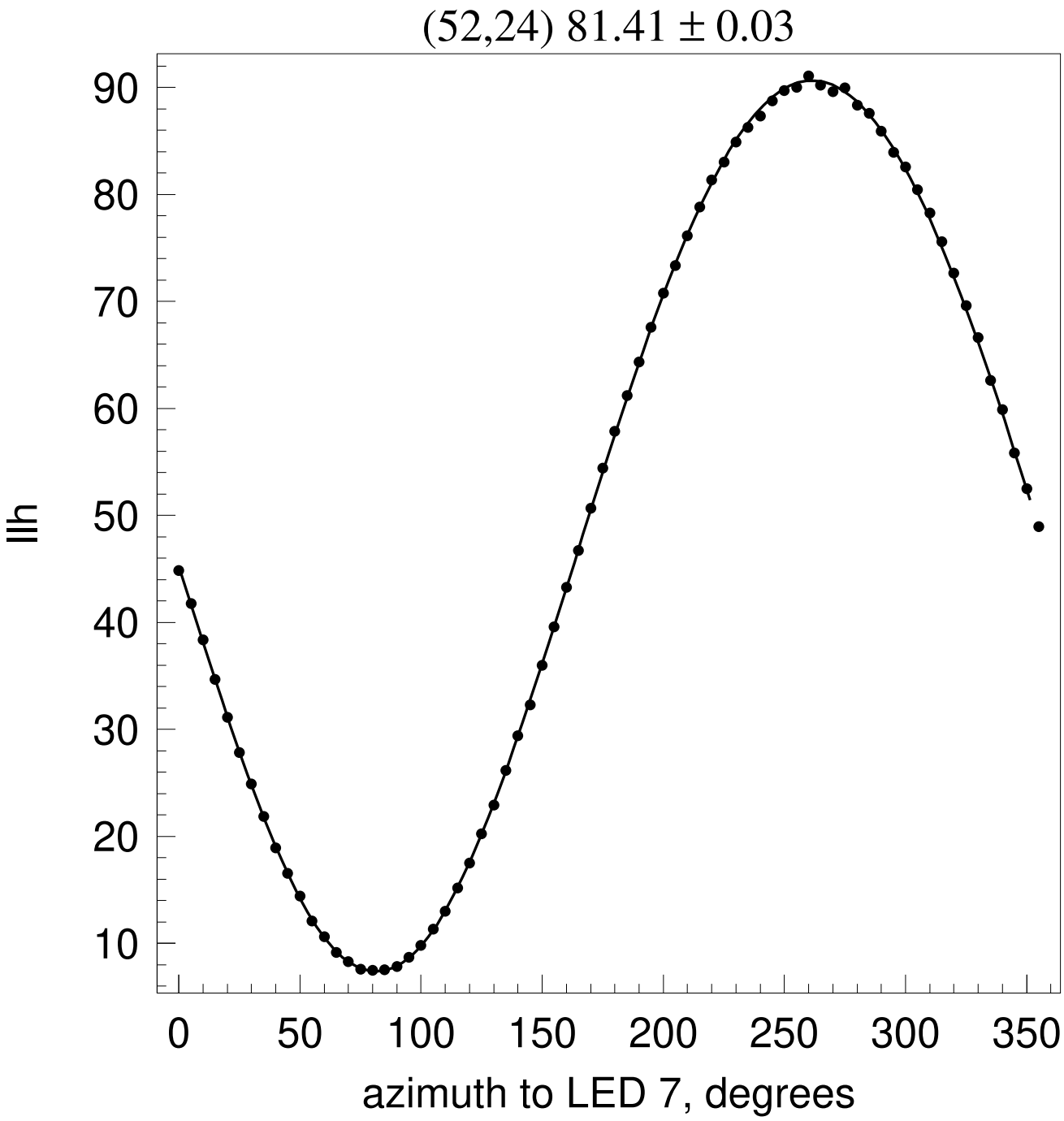

(52,19) 203.19 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

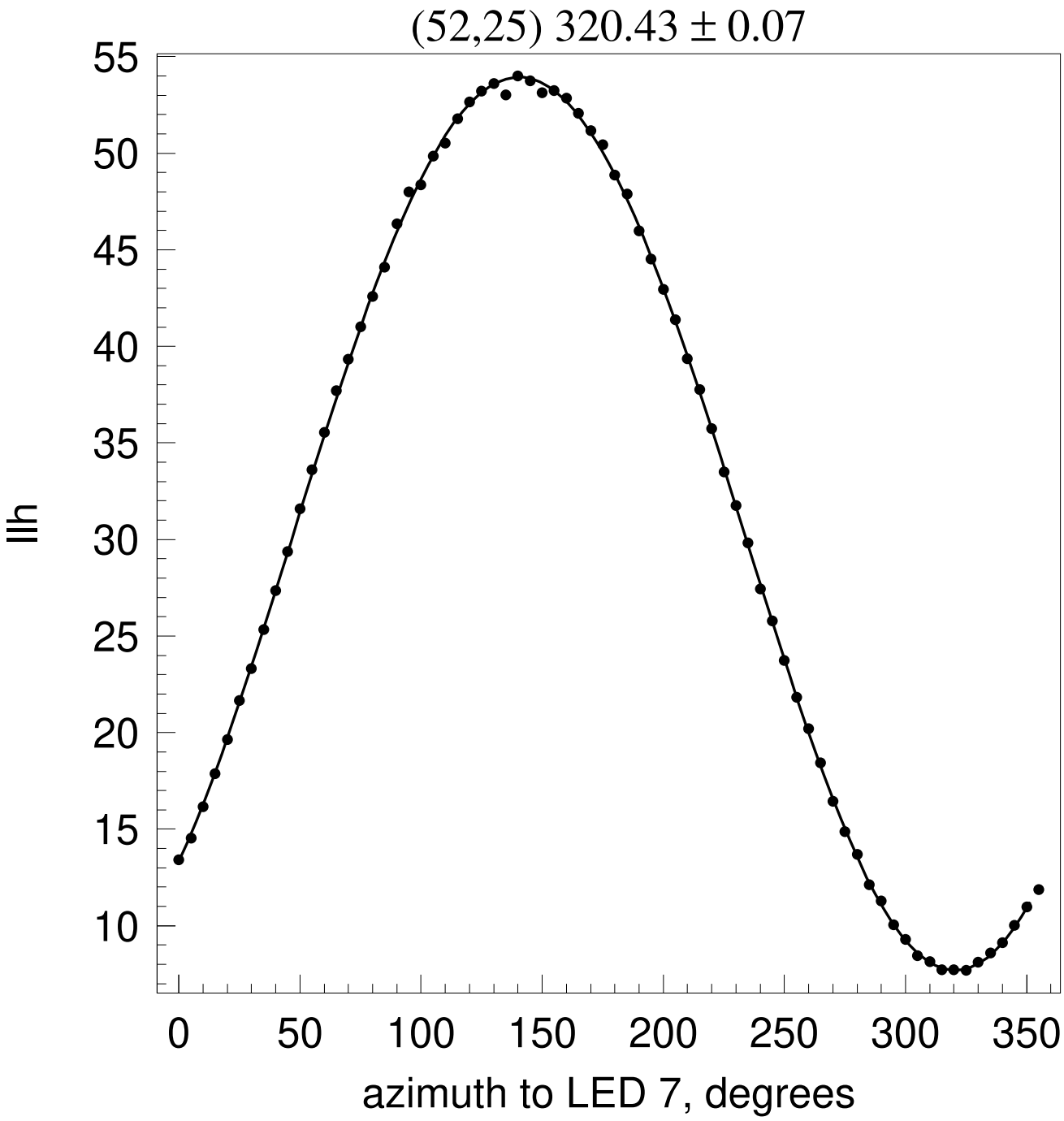

(52,20) 285.25 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

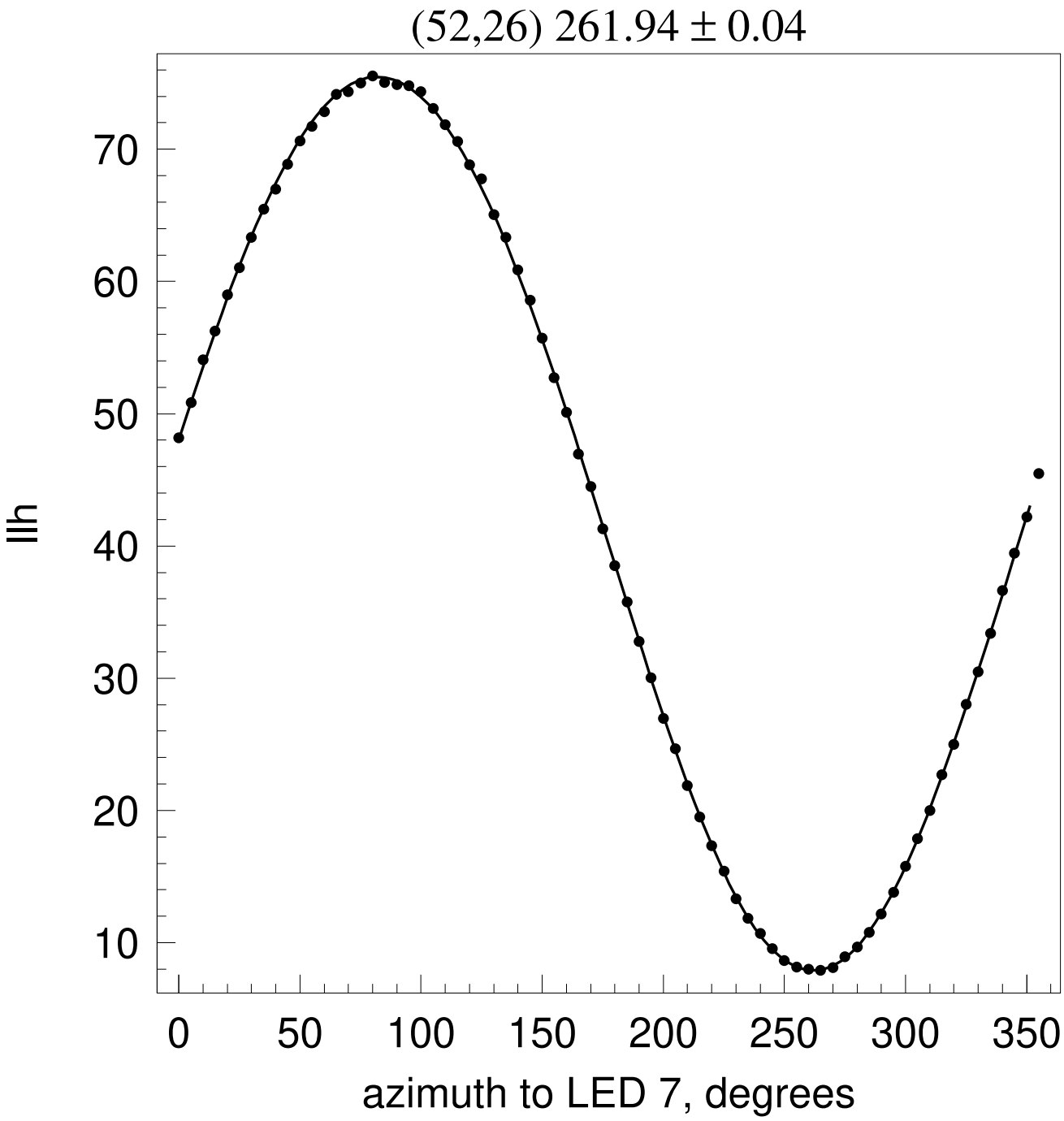

(52,21) 128.15 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

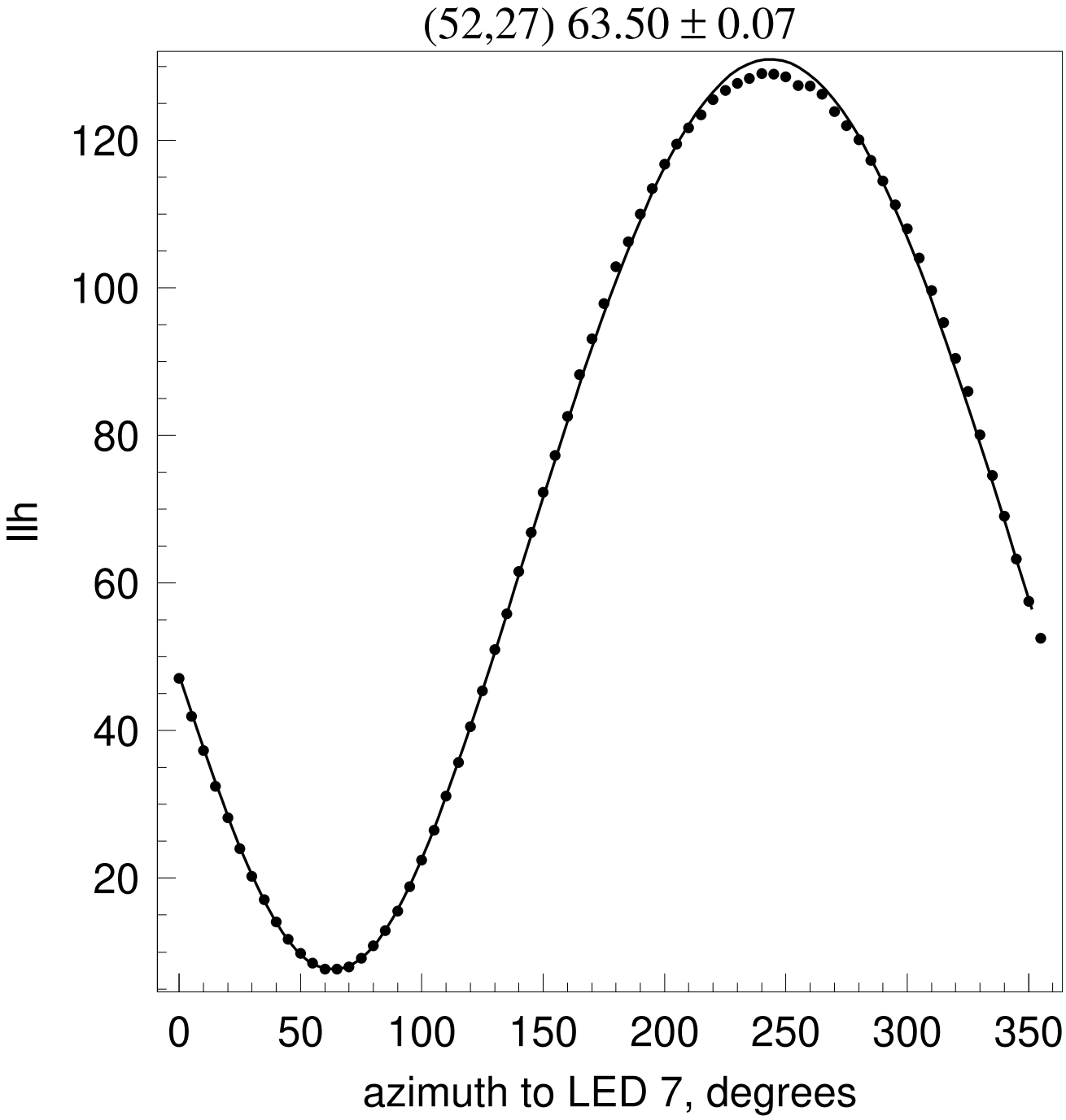

(52,22) 20.26 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

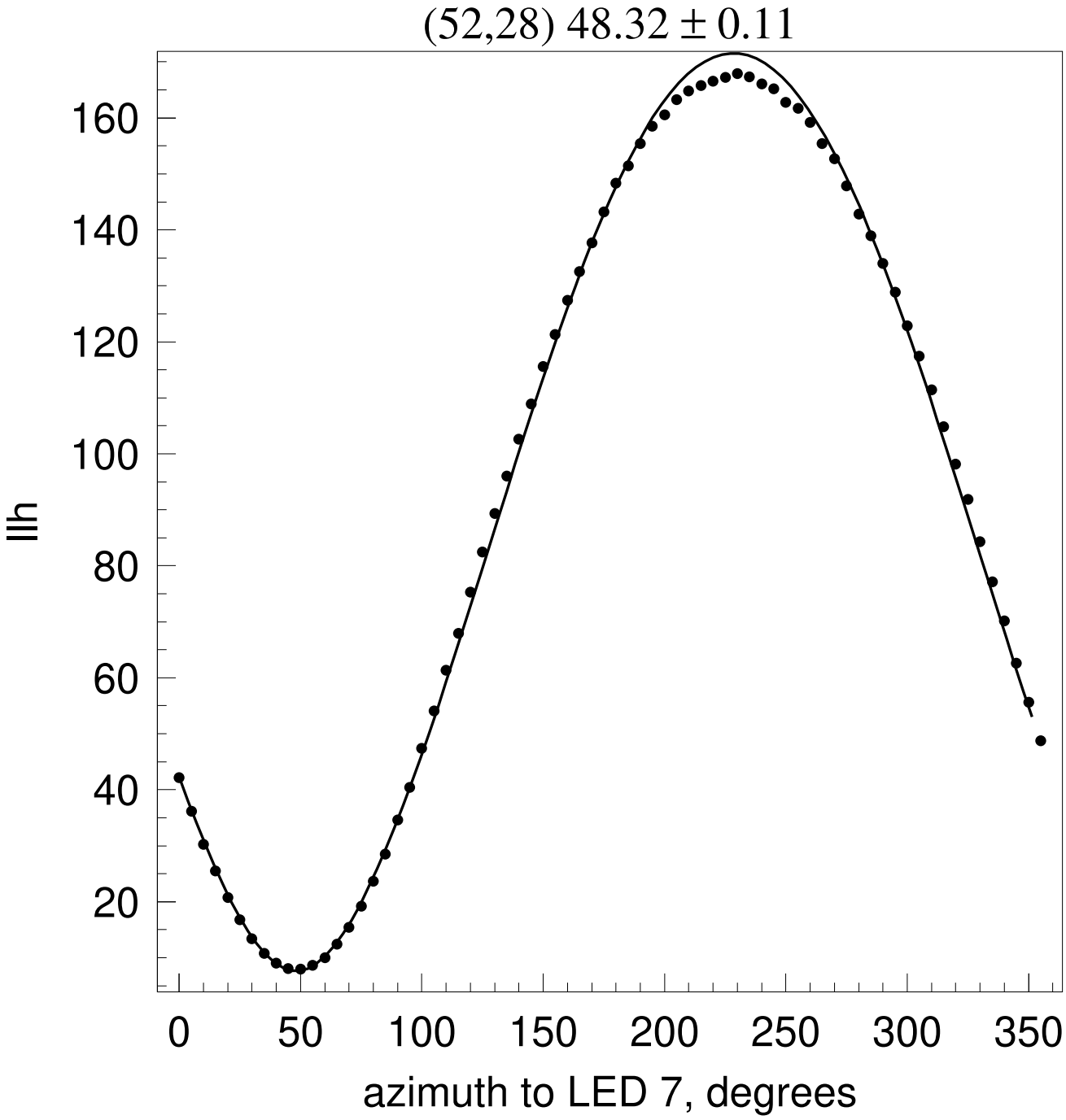

(52,23) 12.74 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

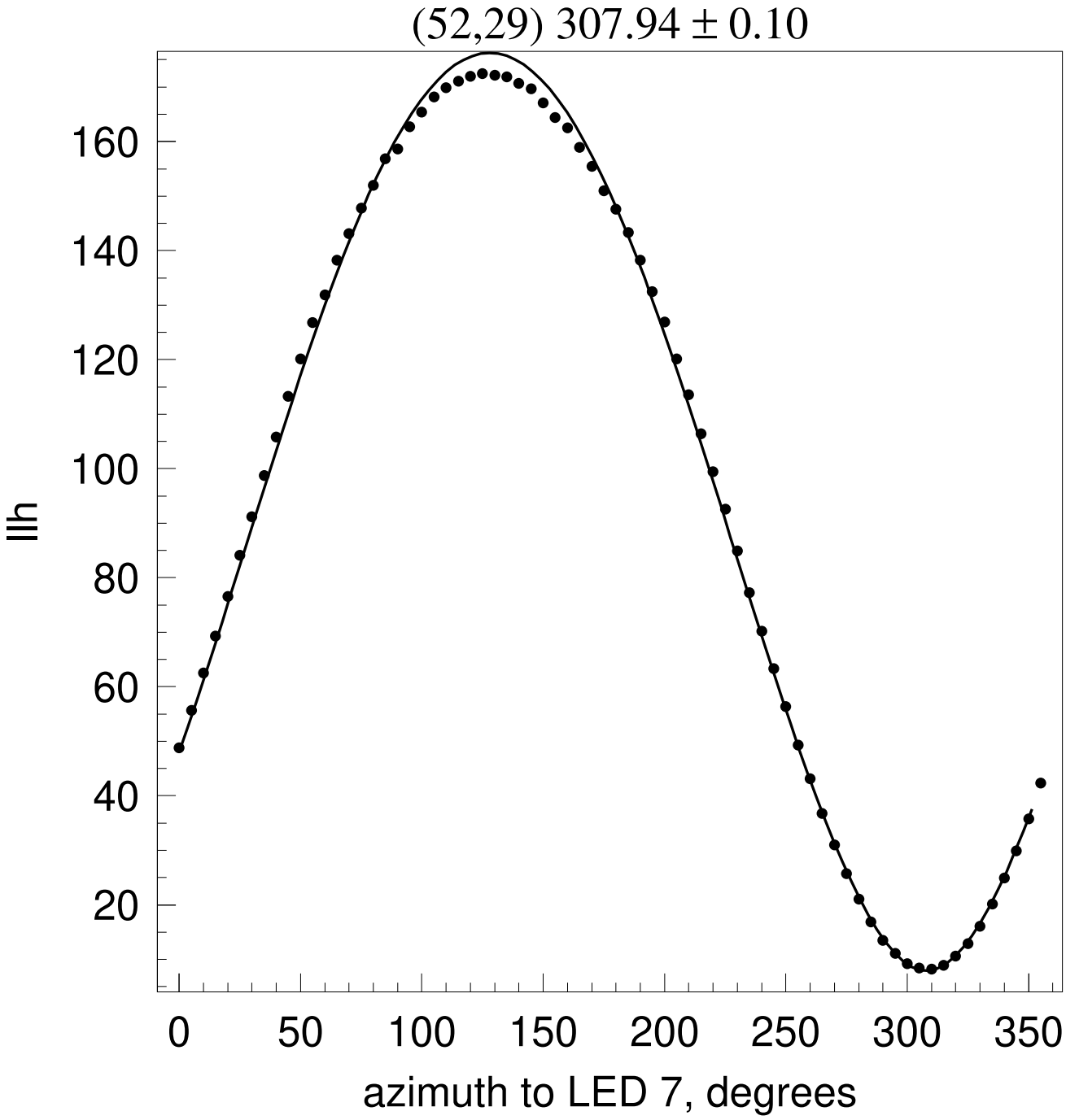

(52,24) 81.41 ± 0.03
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

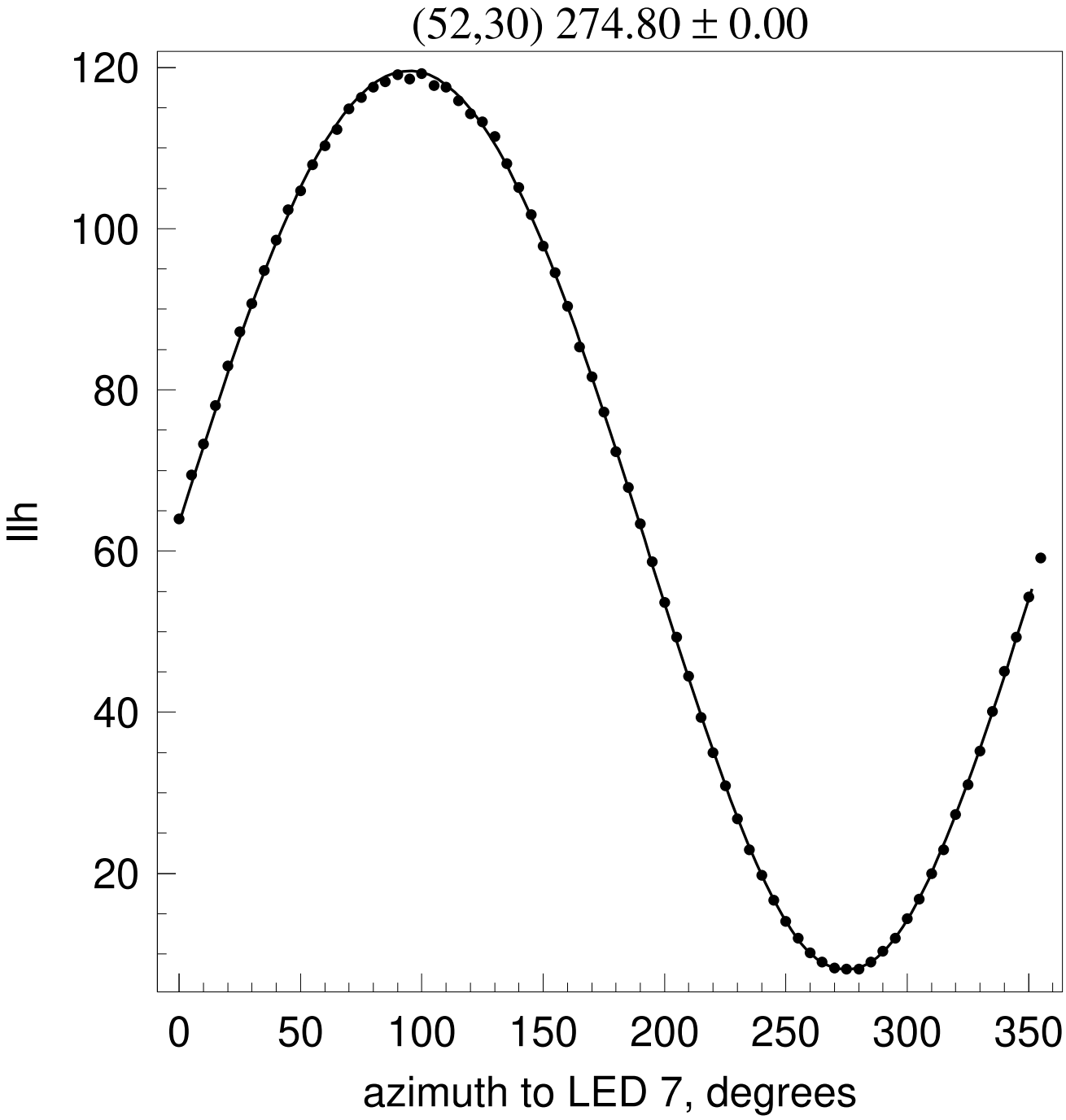

(52,25) 320.43 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

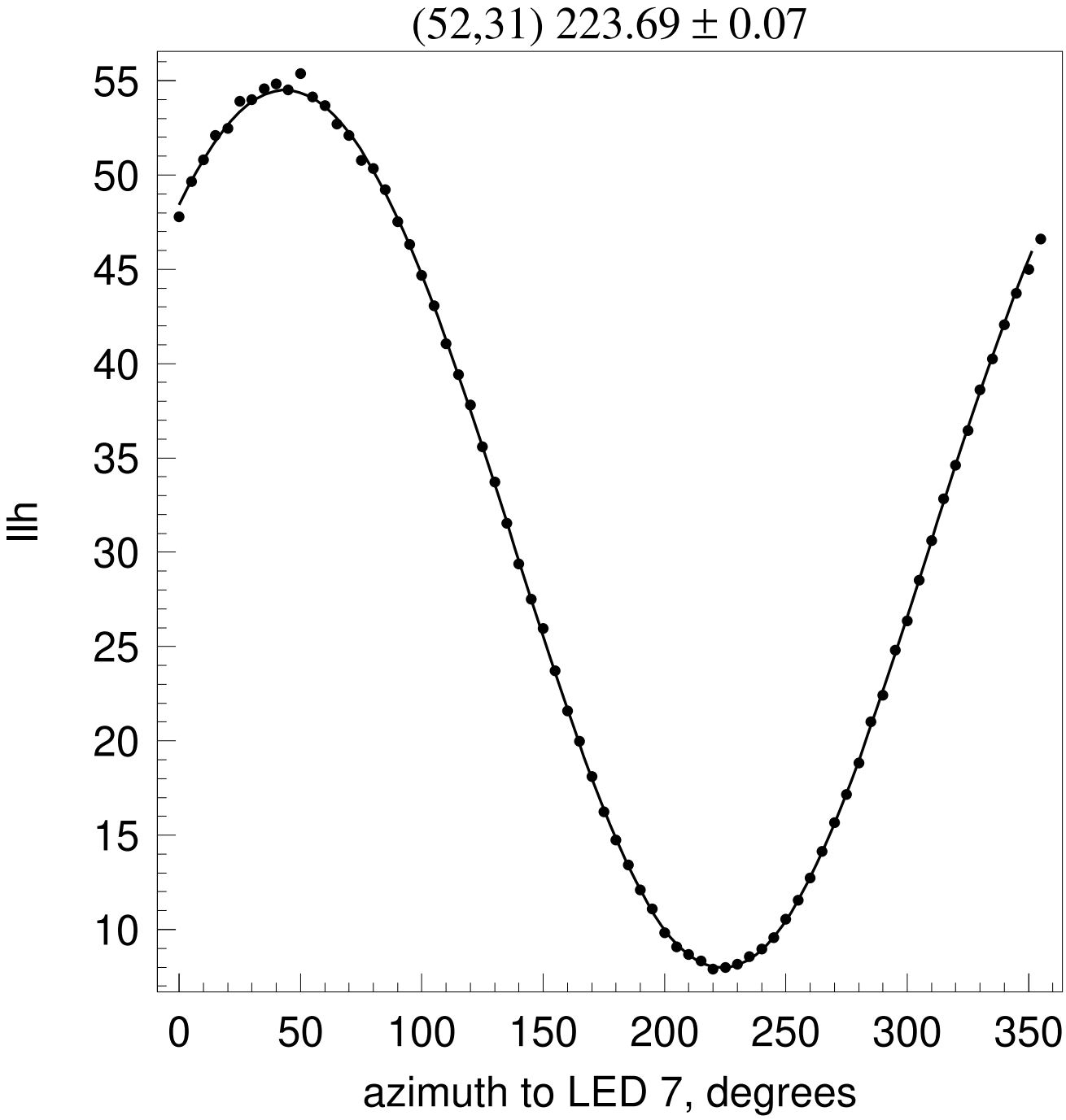

(52,26) 261.94 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

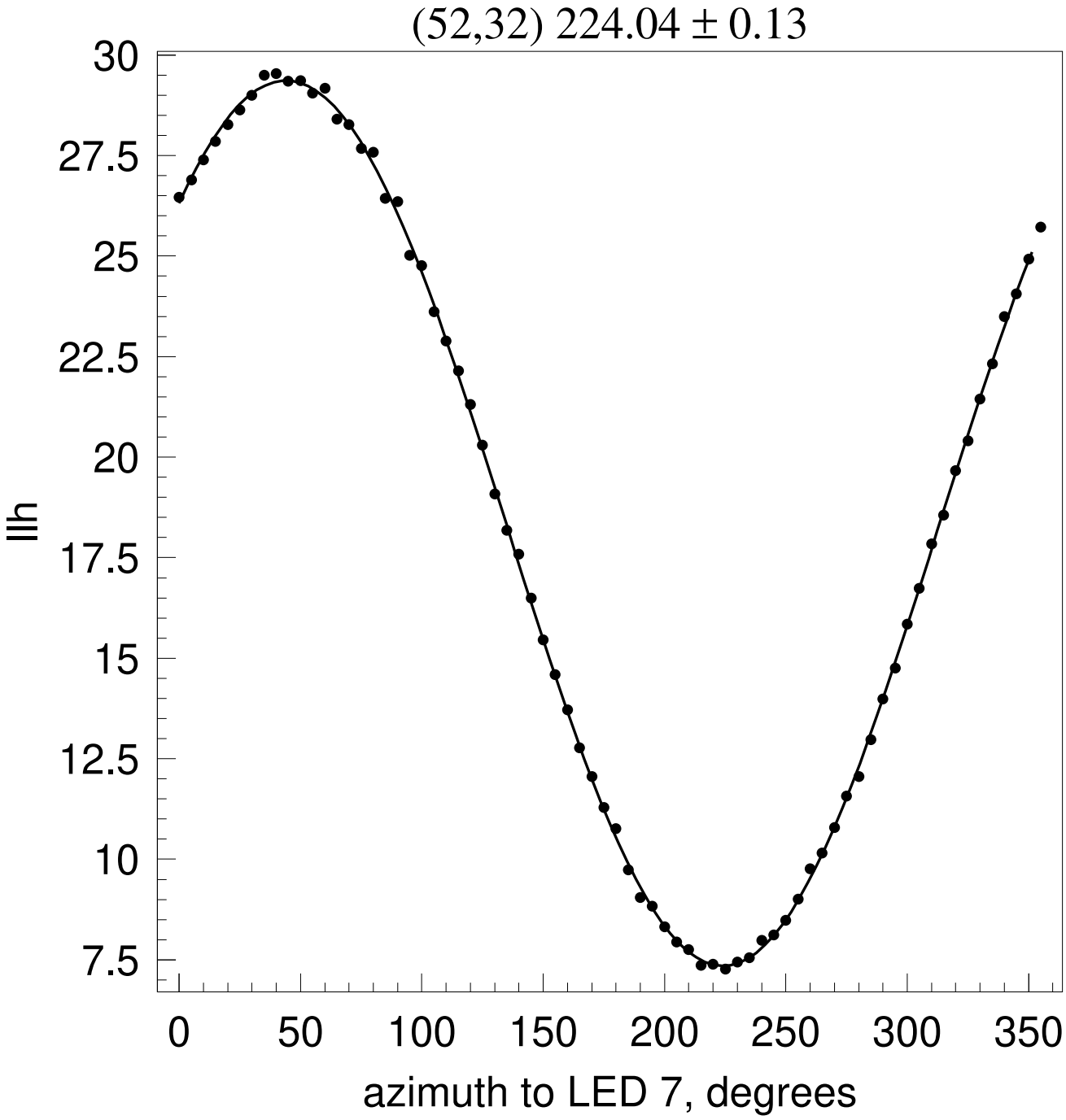

(52,27) 63.50 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

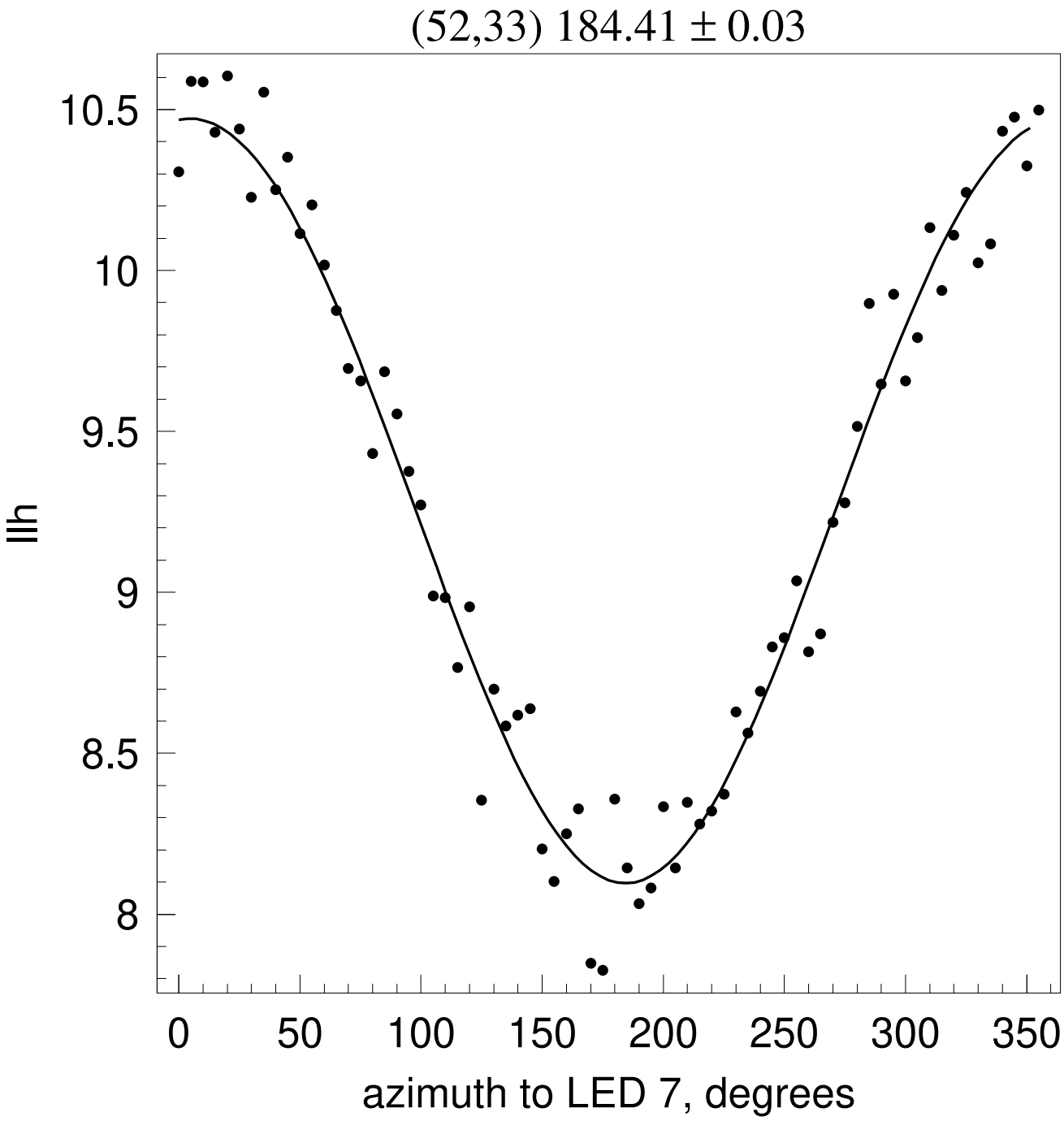

(52,28) 48.32 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

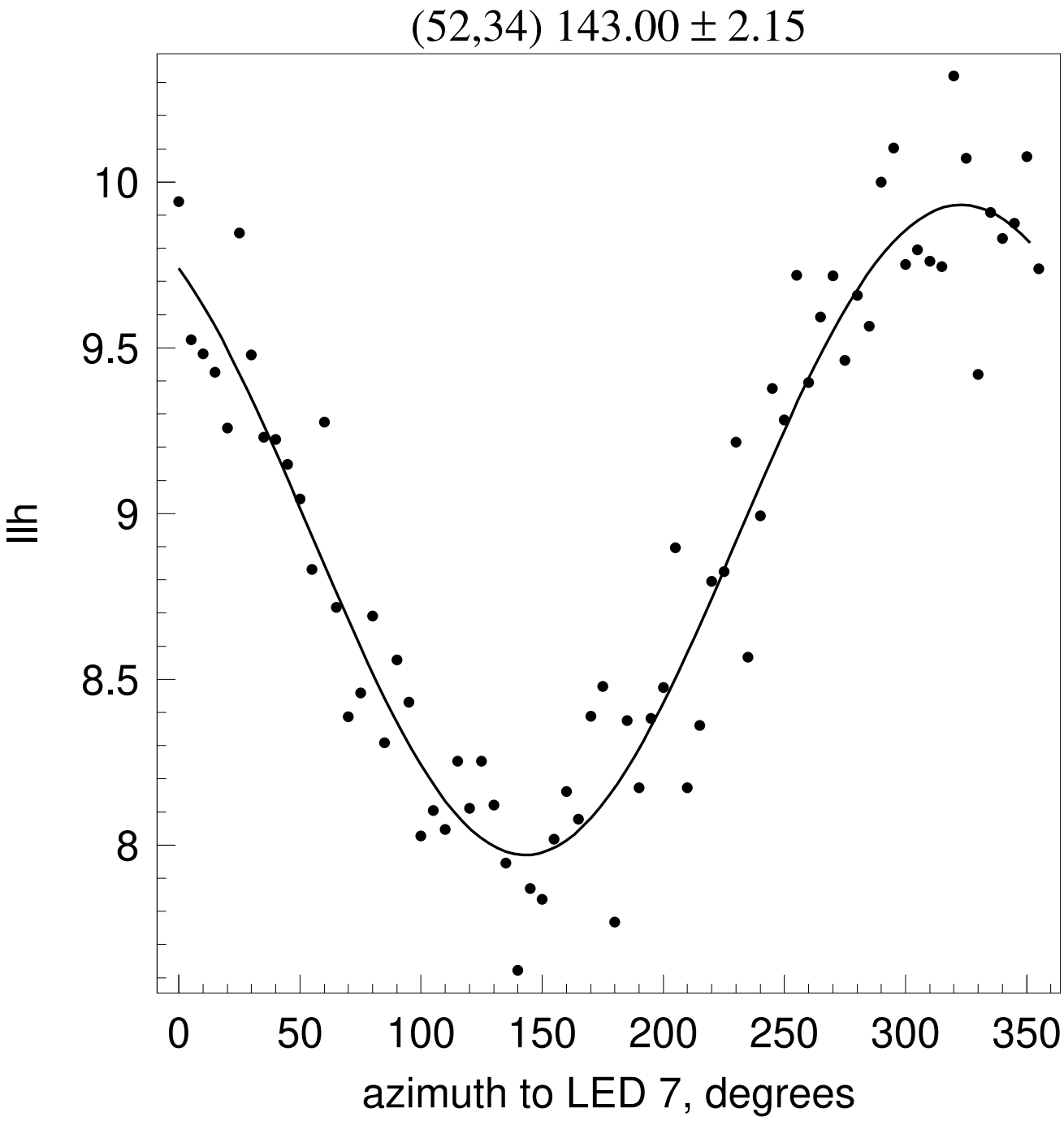

(52,29) 307.94 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

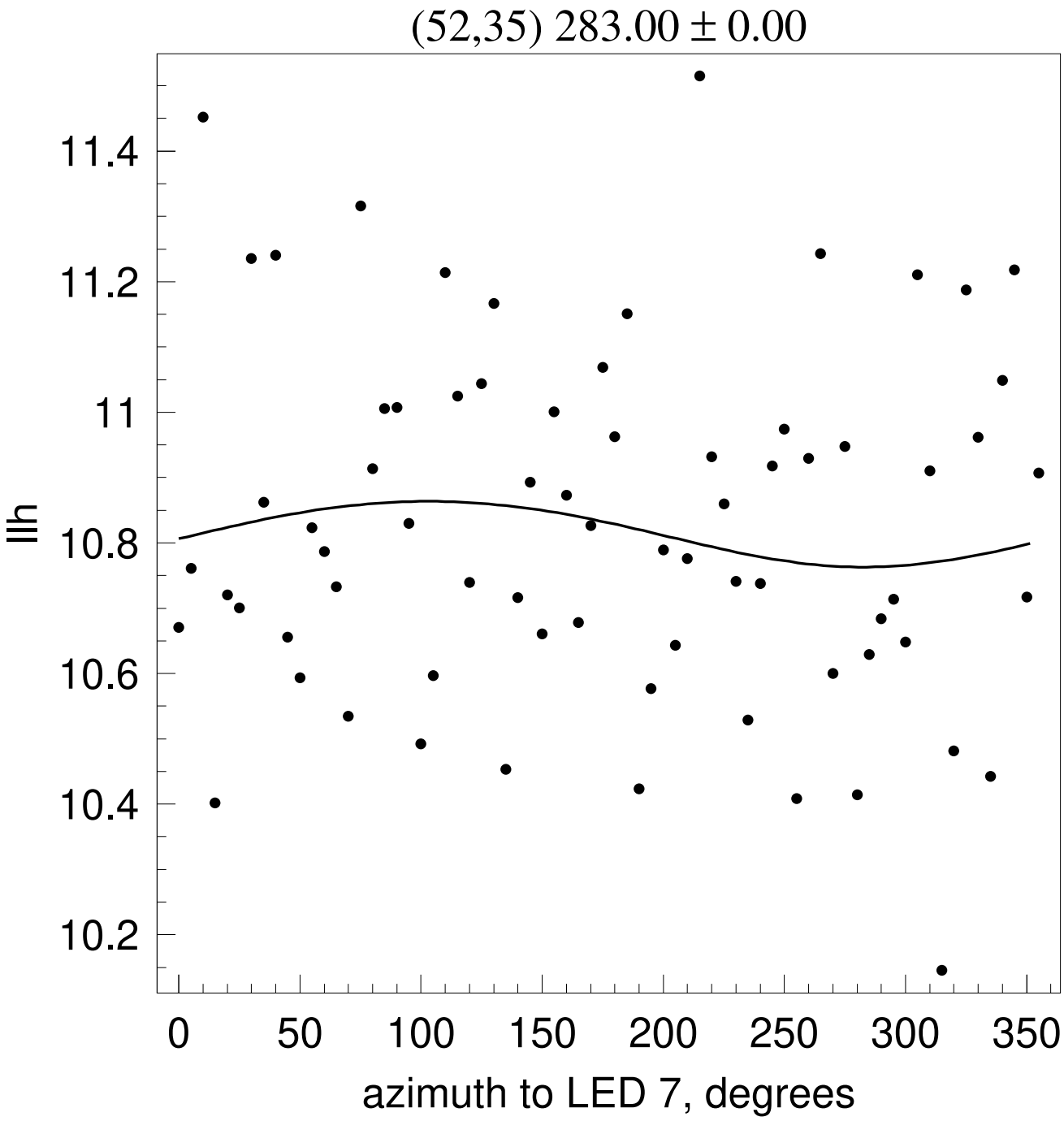

(52,30) 274.80 ± 0.00
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

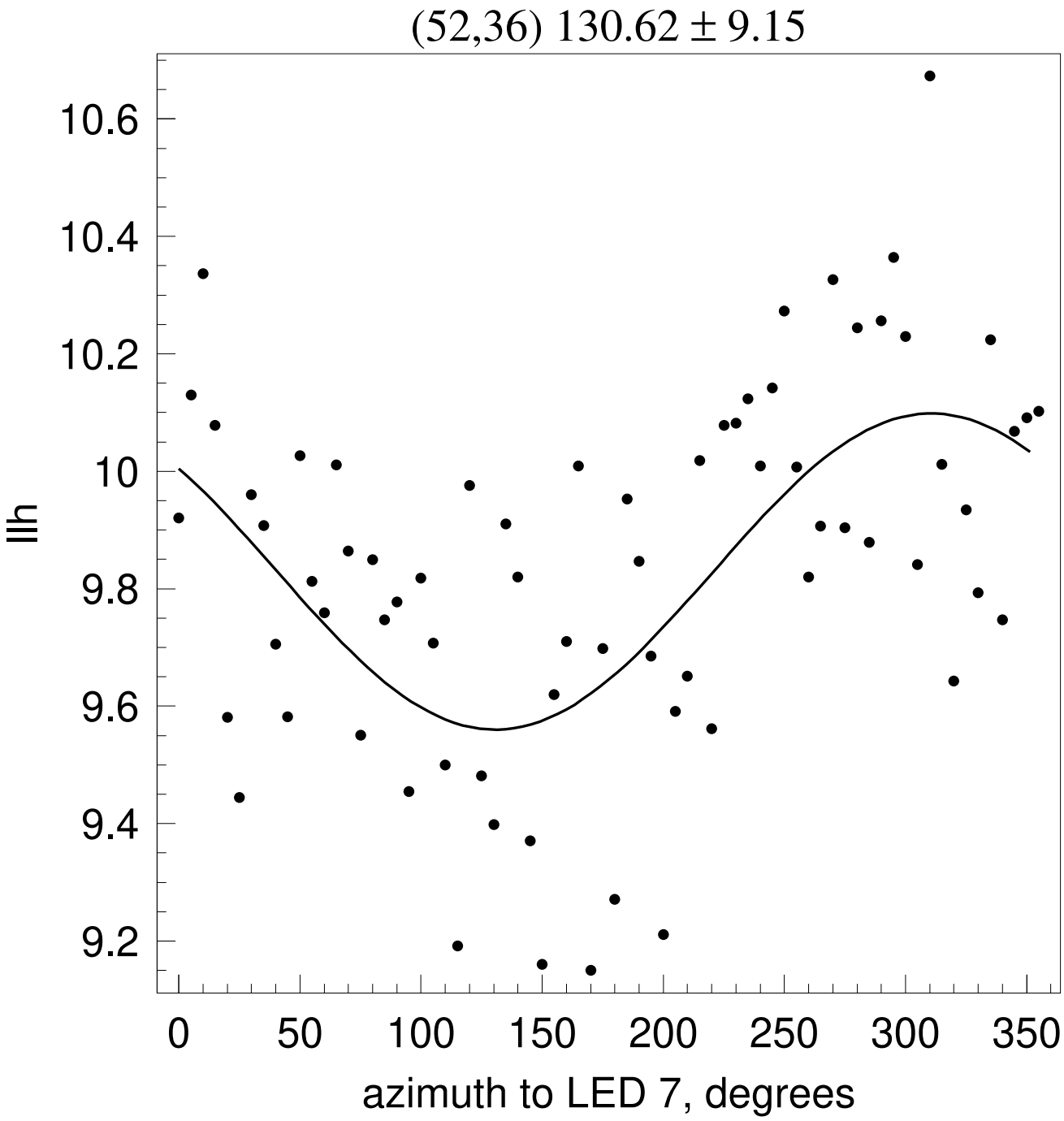

(52,31) 223.69 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

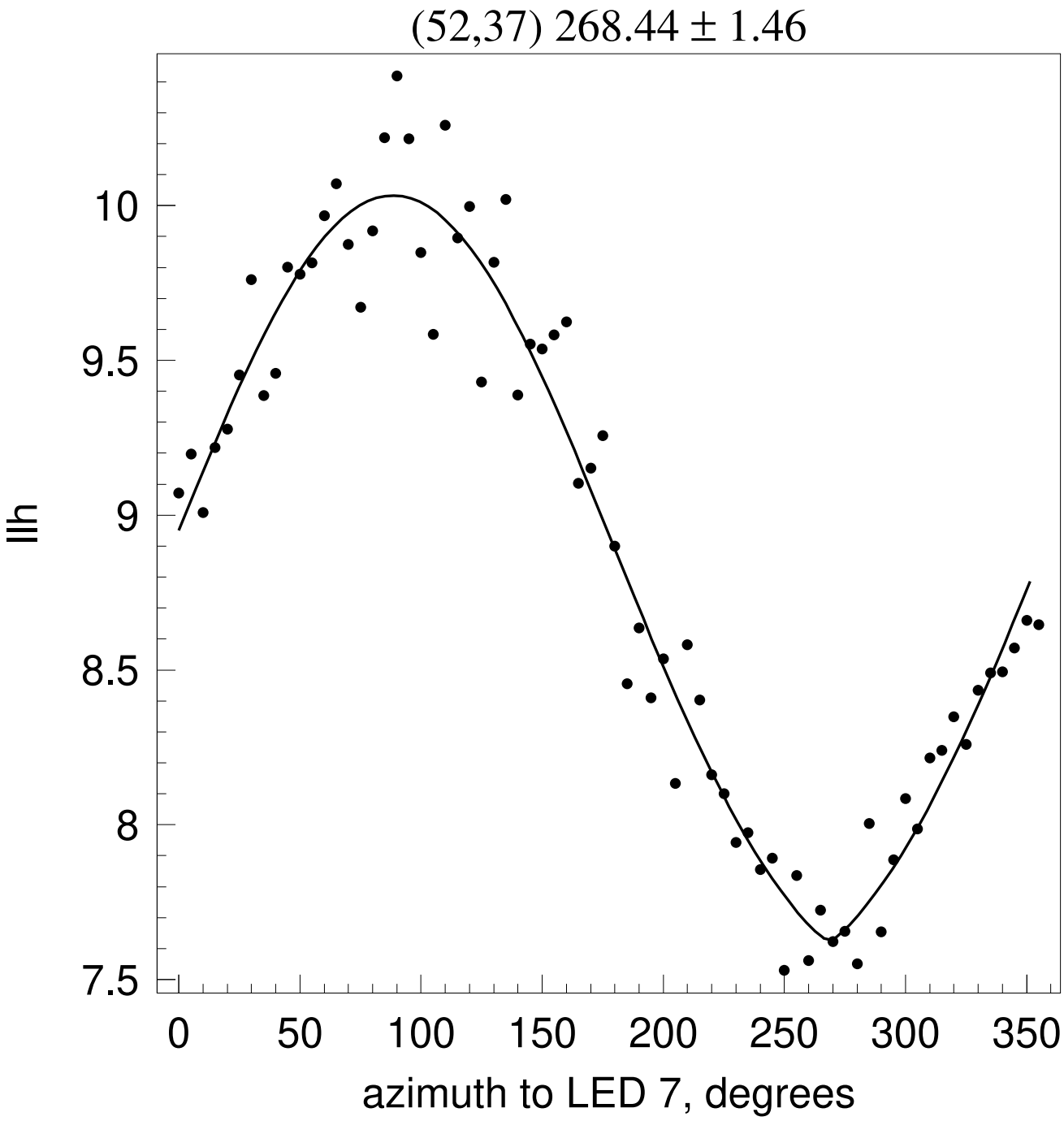

(52,32) 224.04 ± 0.13
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

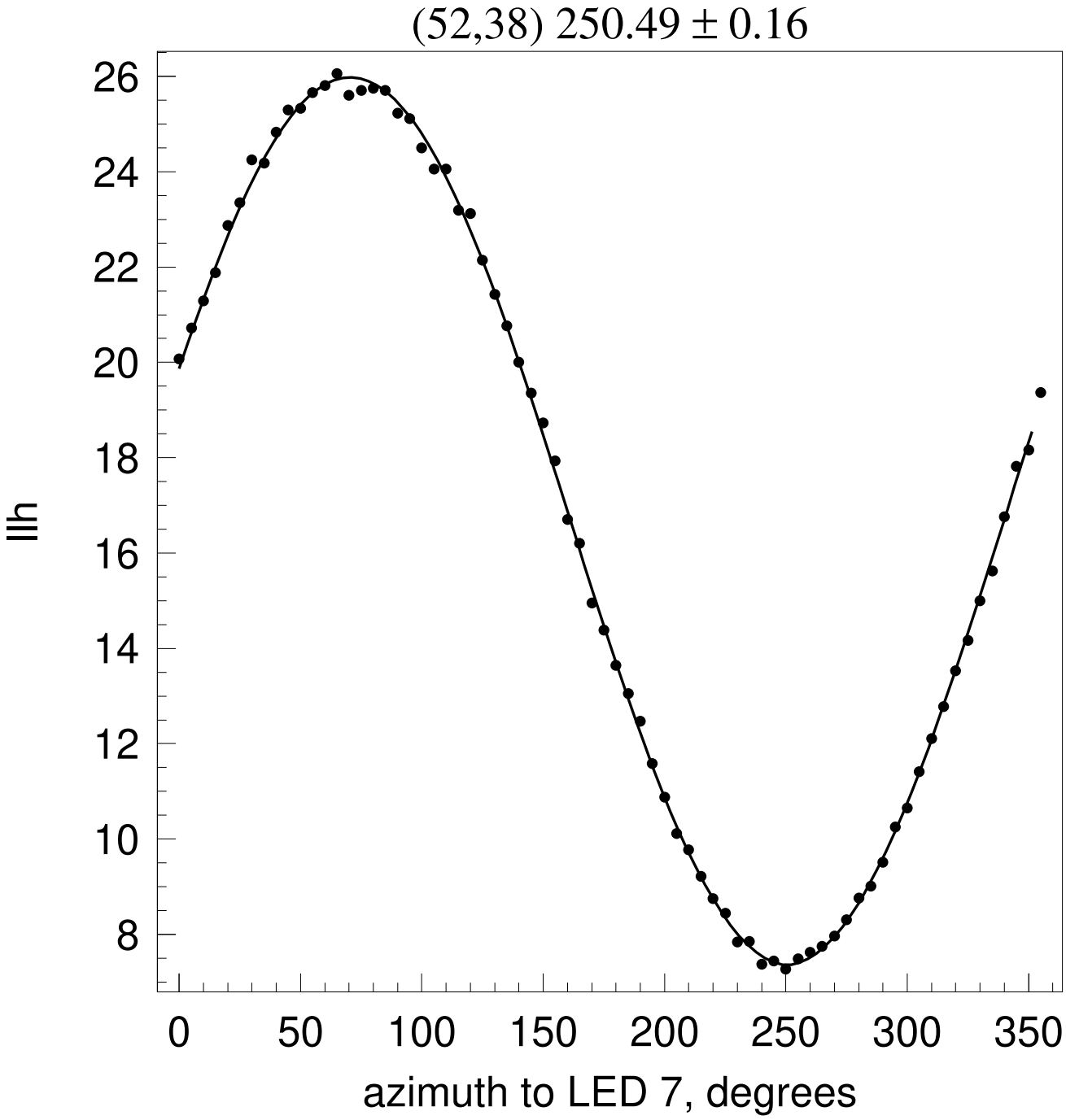

(52,33) 184.41 ± 0.03
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

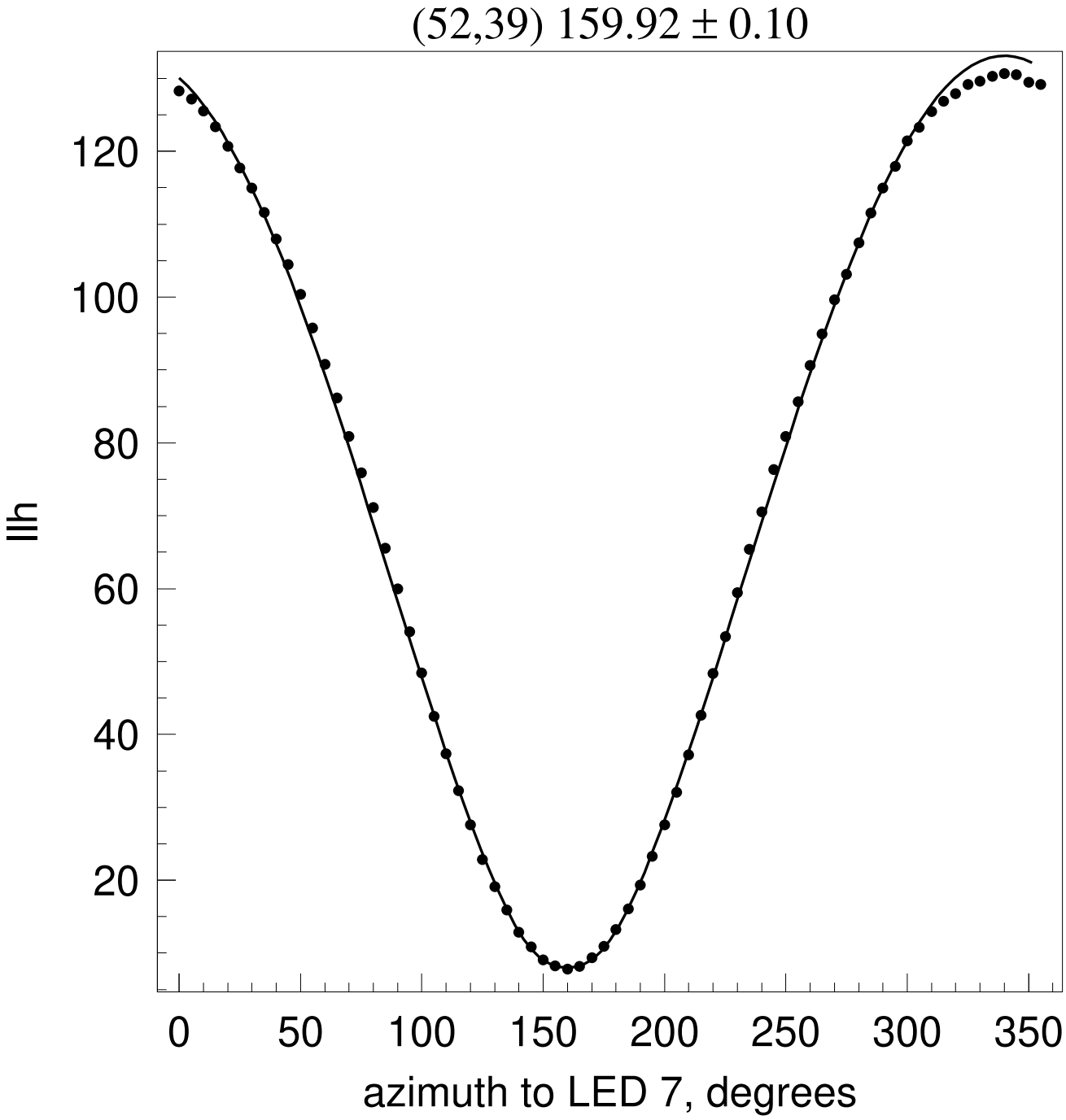

(52,34) 143.00 ± 2.15
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

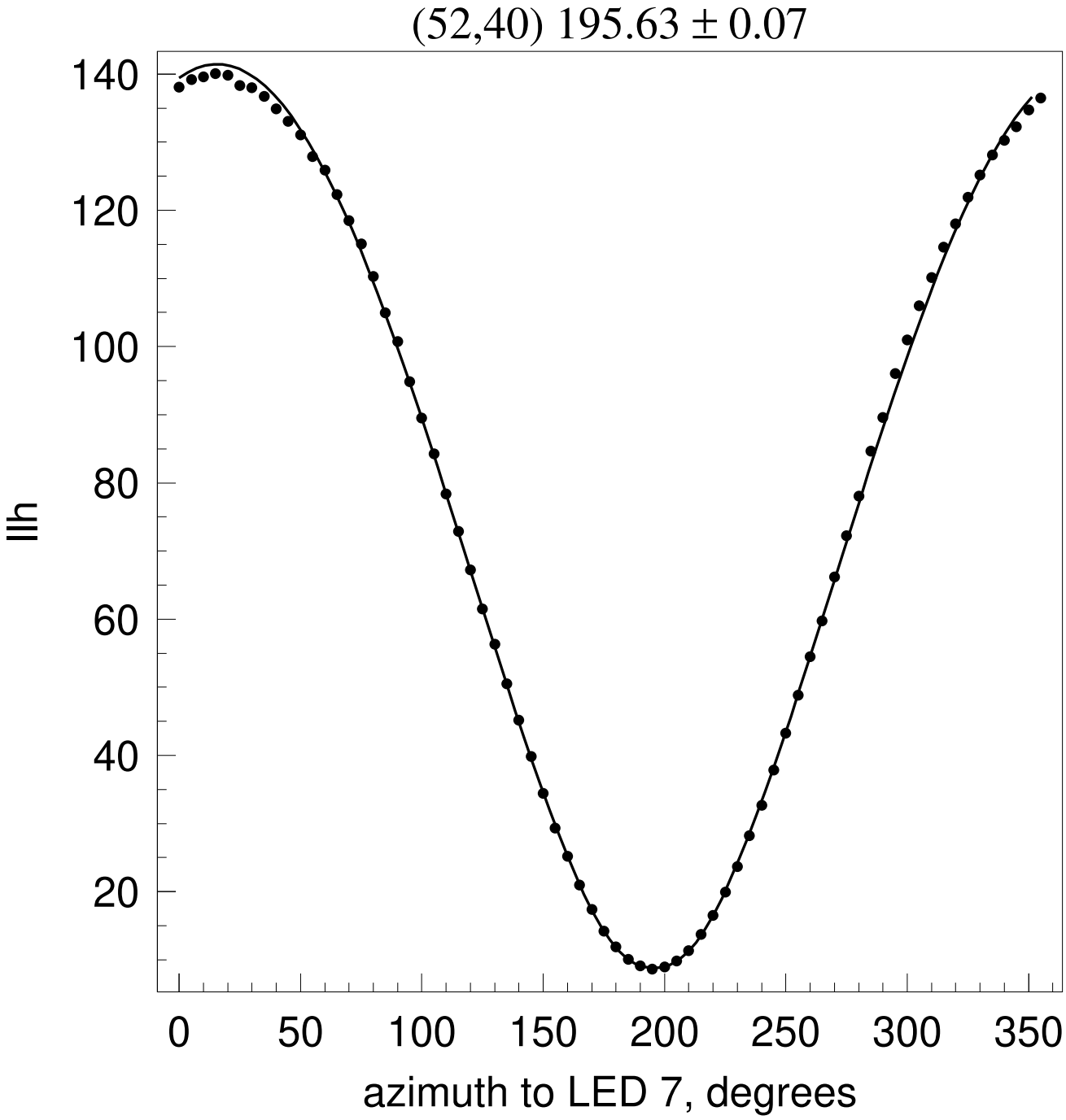

(52,35) 283.00 ± 0.00
11.4
11.2
11
10.8
10.6
10.4
10.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

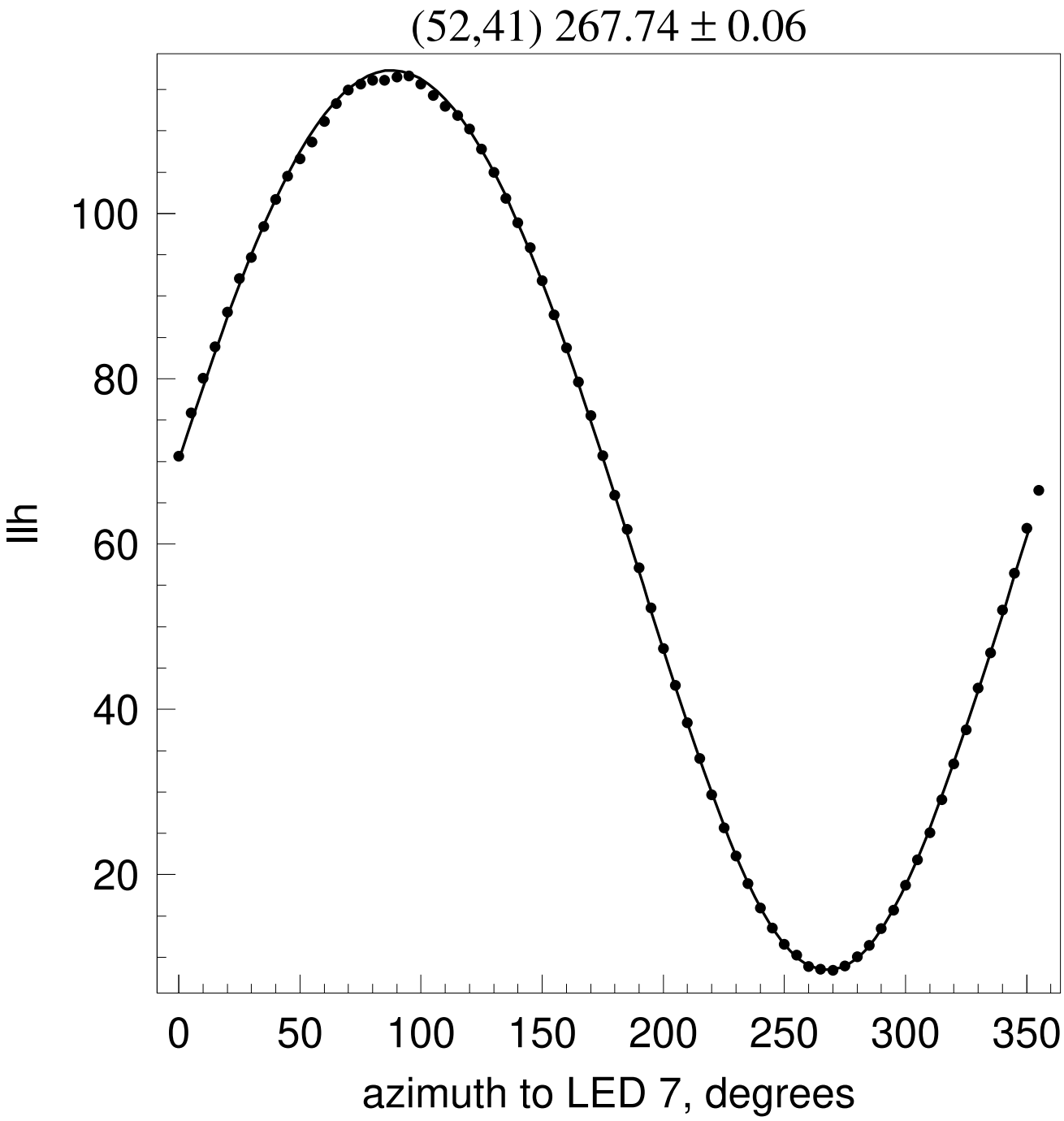

(52,36) 130.62 ± 9.15
10.6
10.4
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

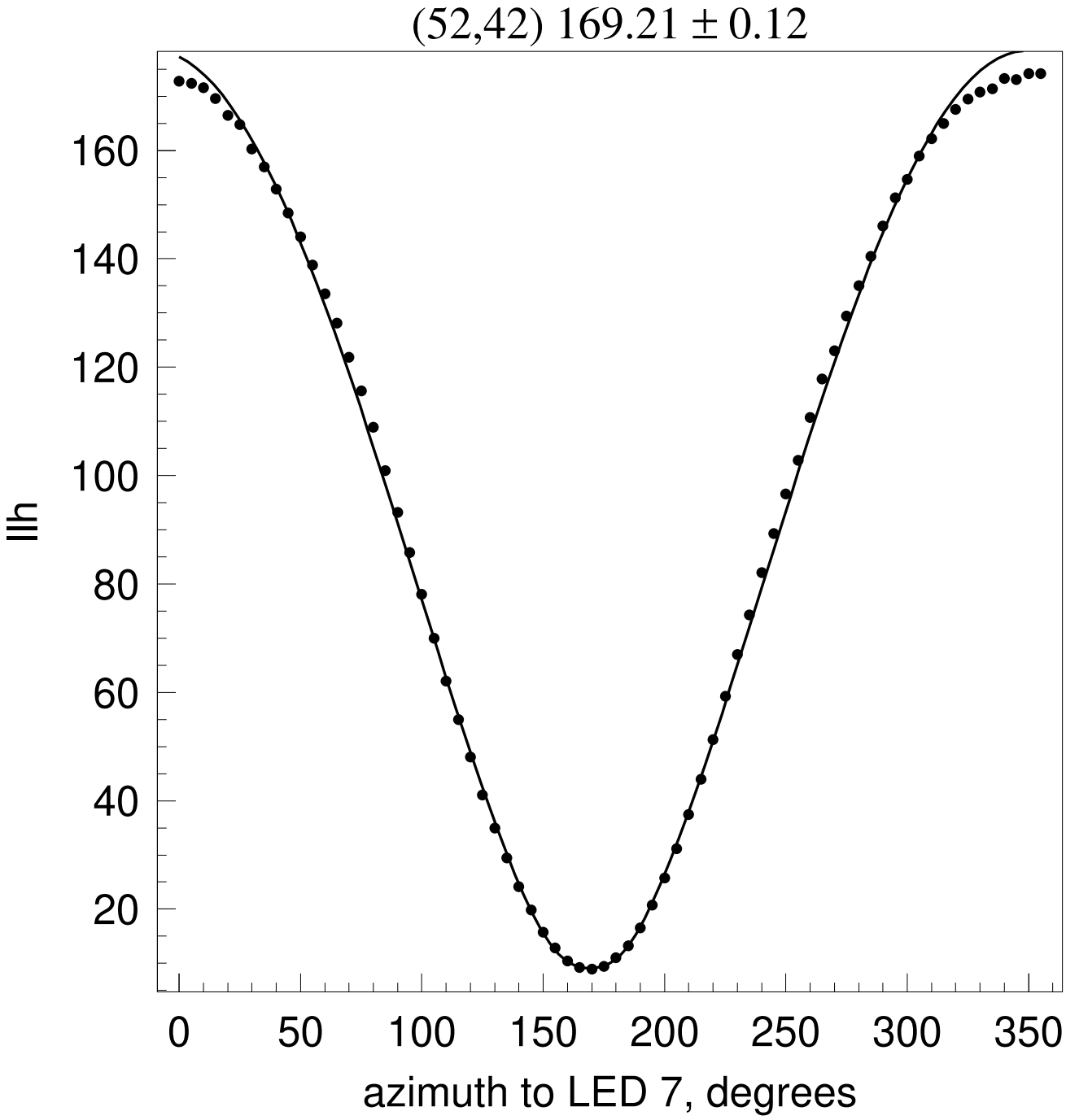

(52,37) 268.44 ± 1.46
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

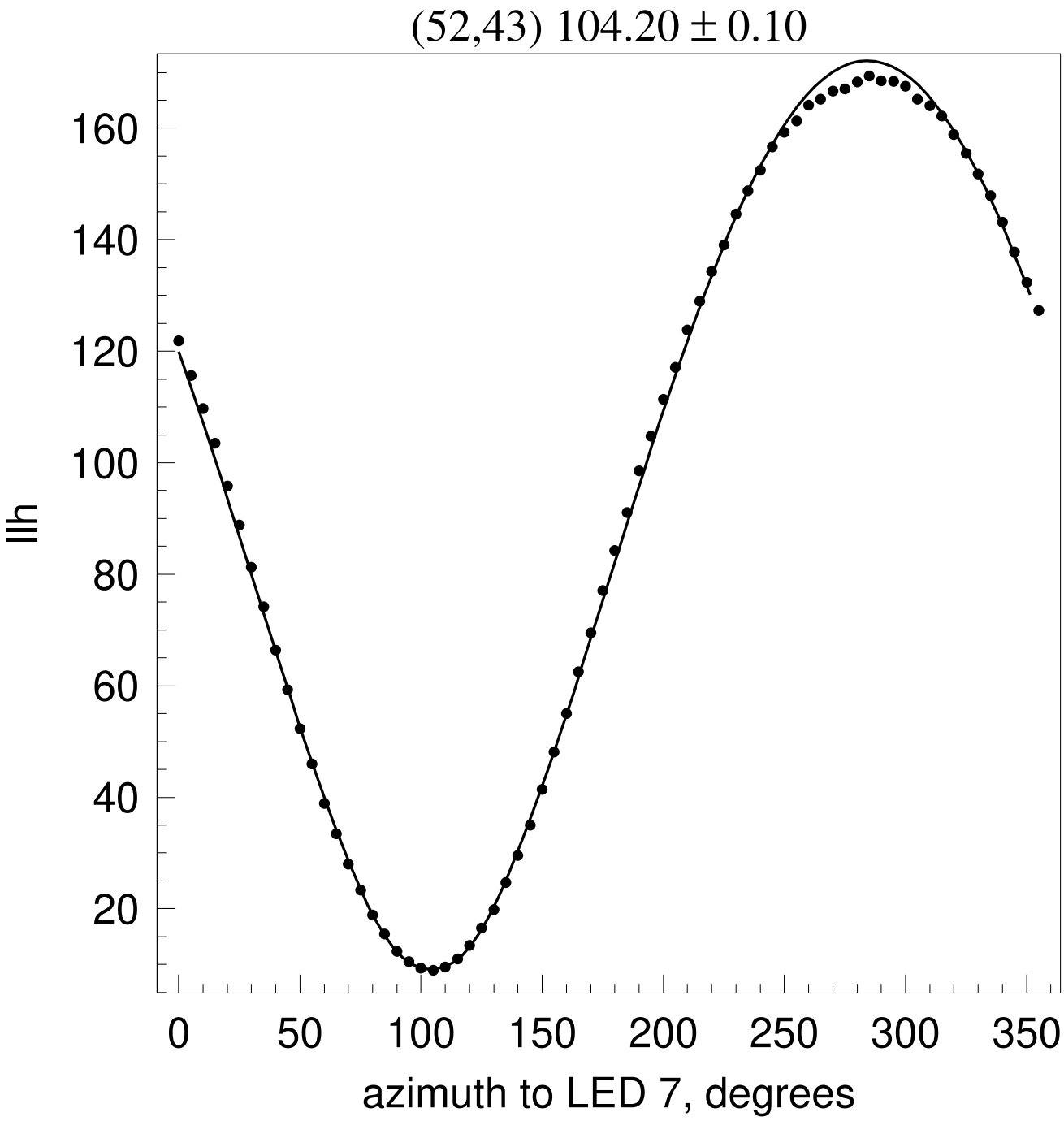

(52,38) 250.49 ± 0.16
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

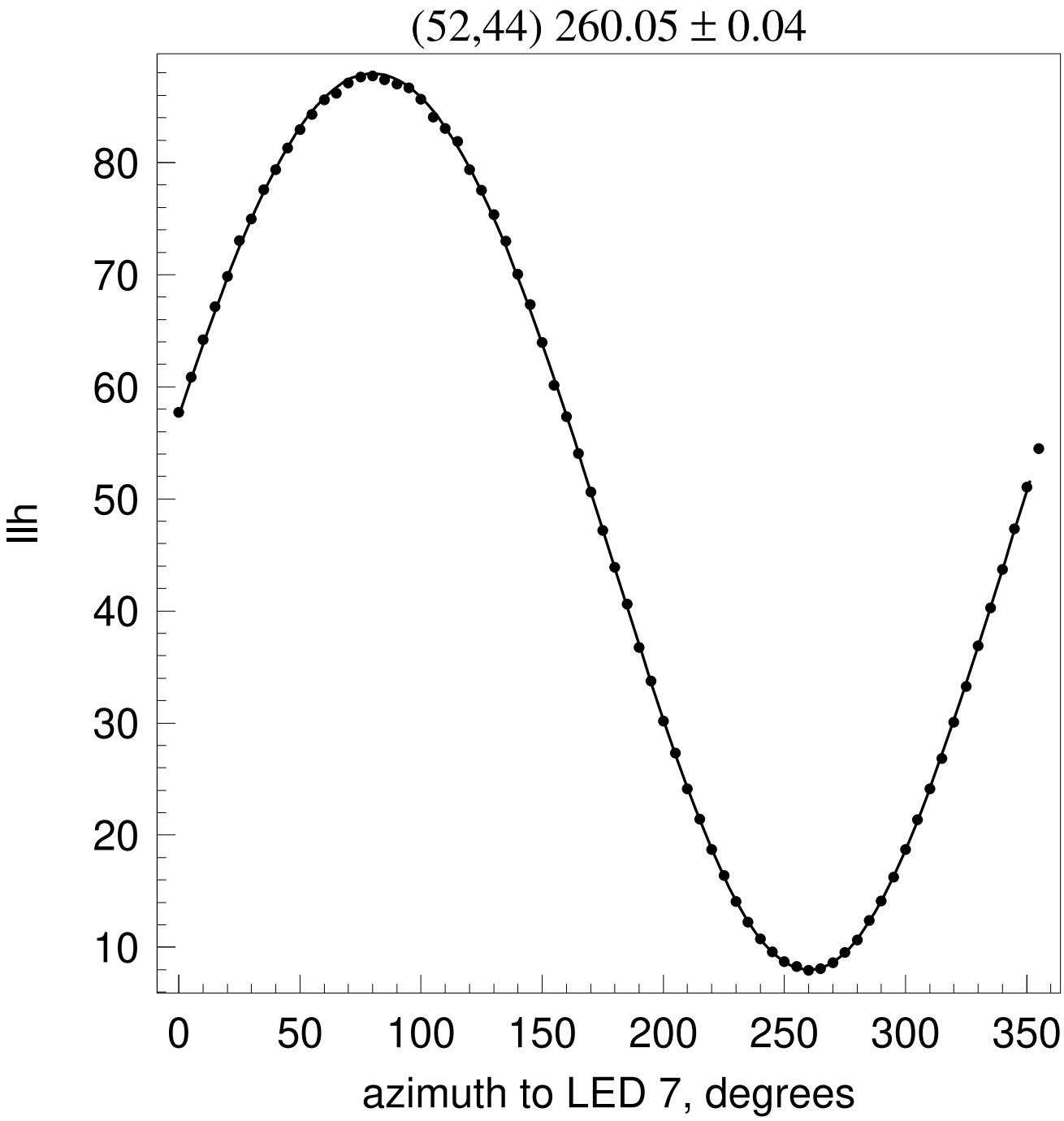

(52,39) 159.92 ± 0.10
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

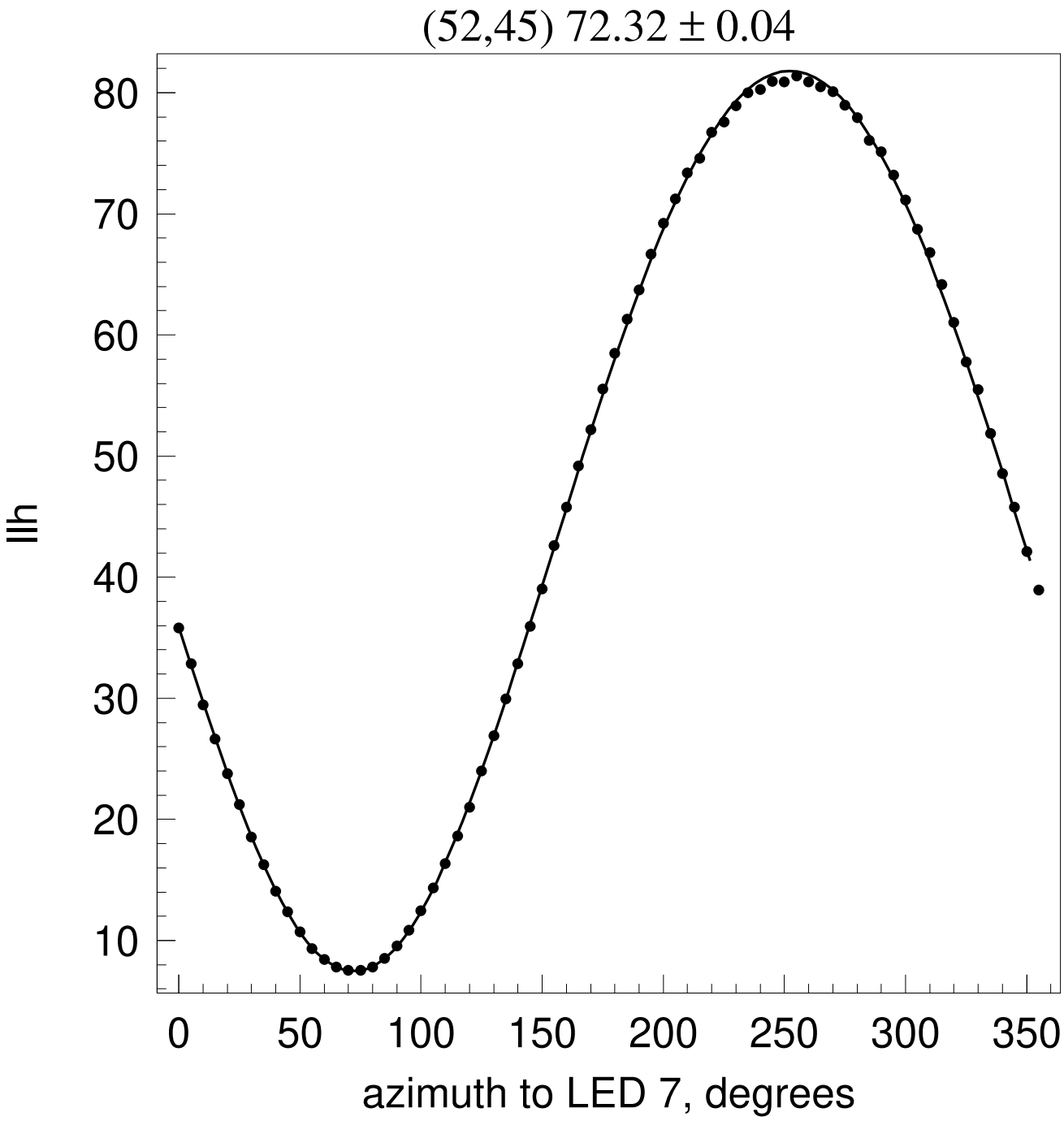

(52,40) 195.63 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

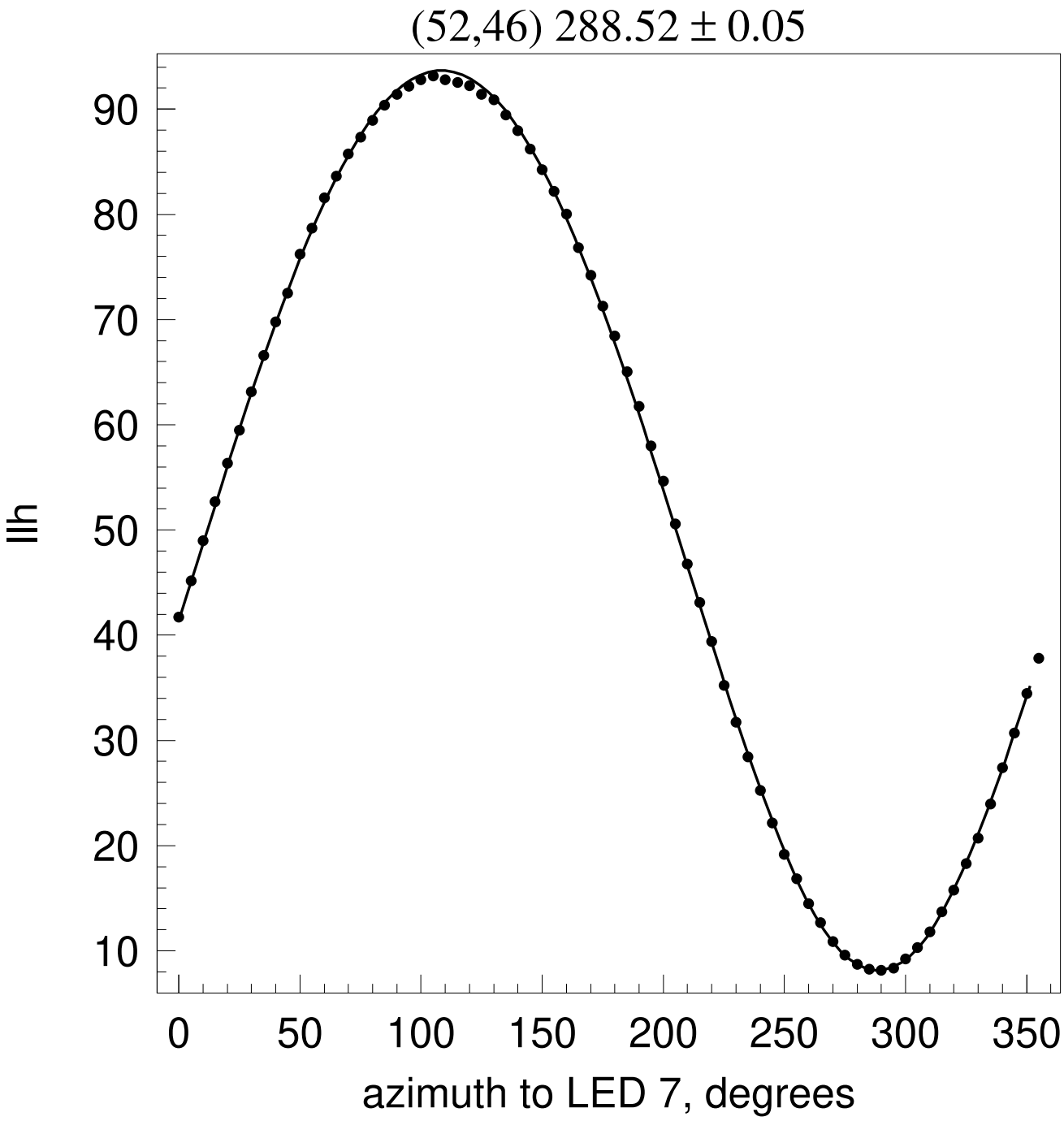

(52,41) 267.74 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

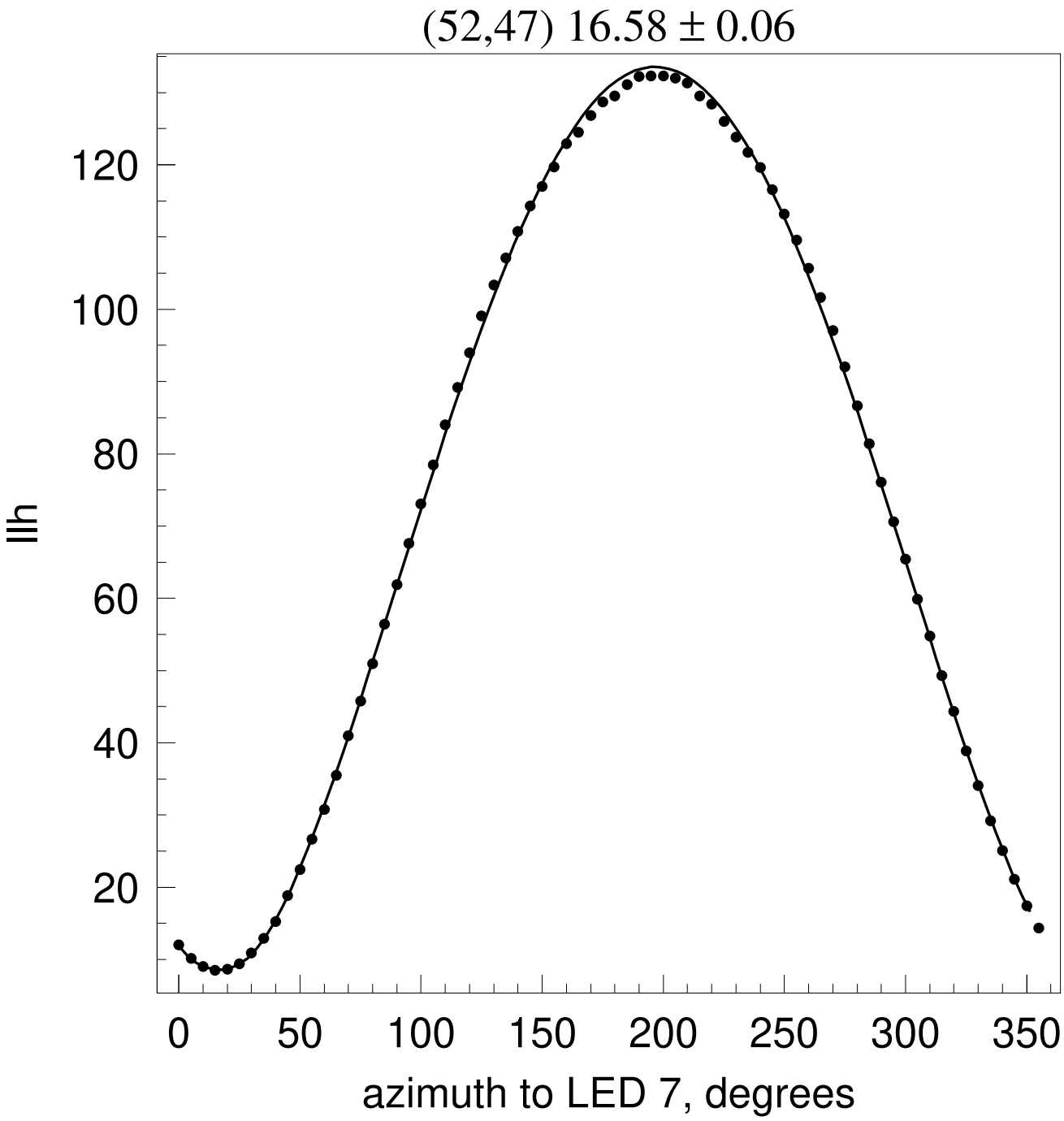

(52,42) 169.21 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

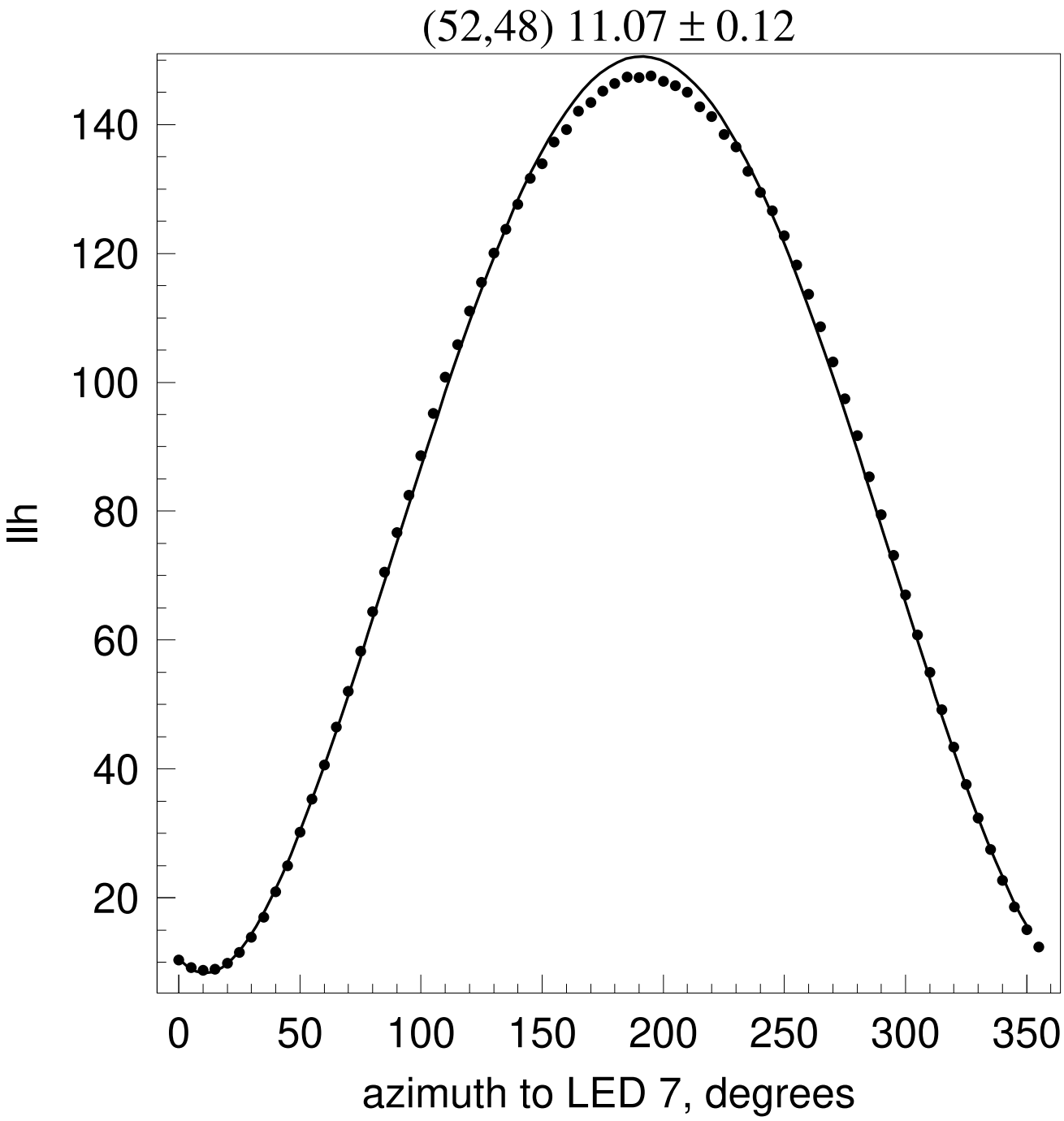

(52,43) 104.20 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

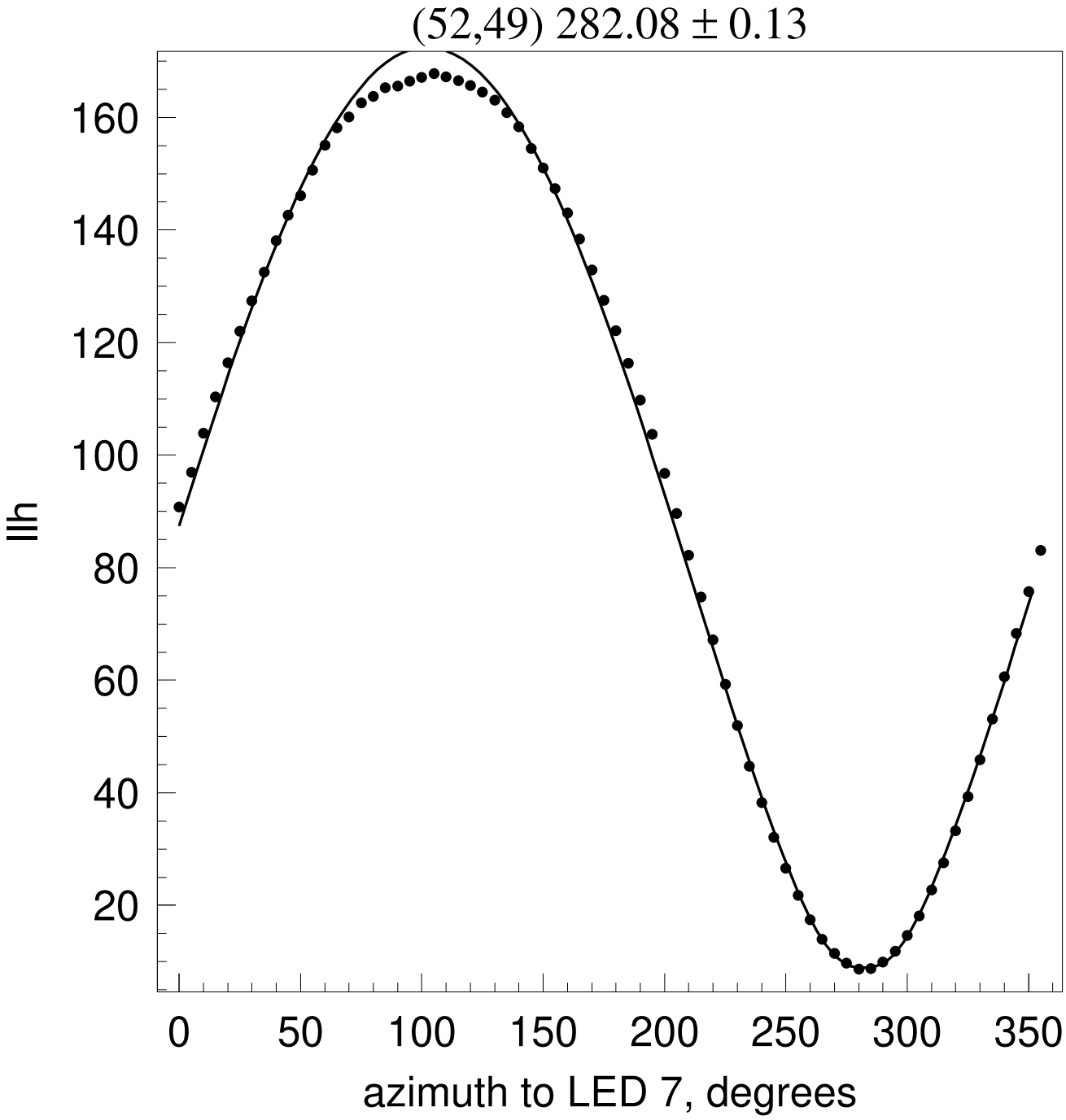

(52,44) 260.05 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

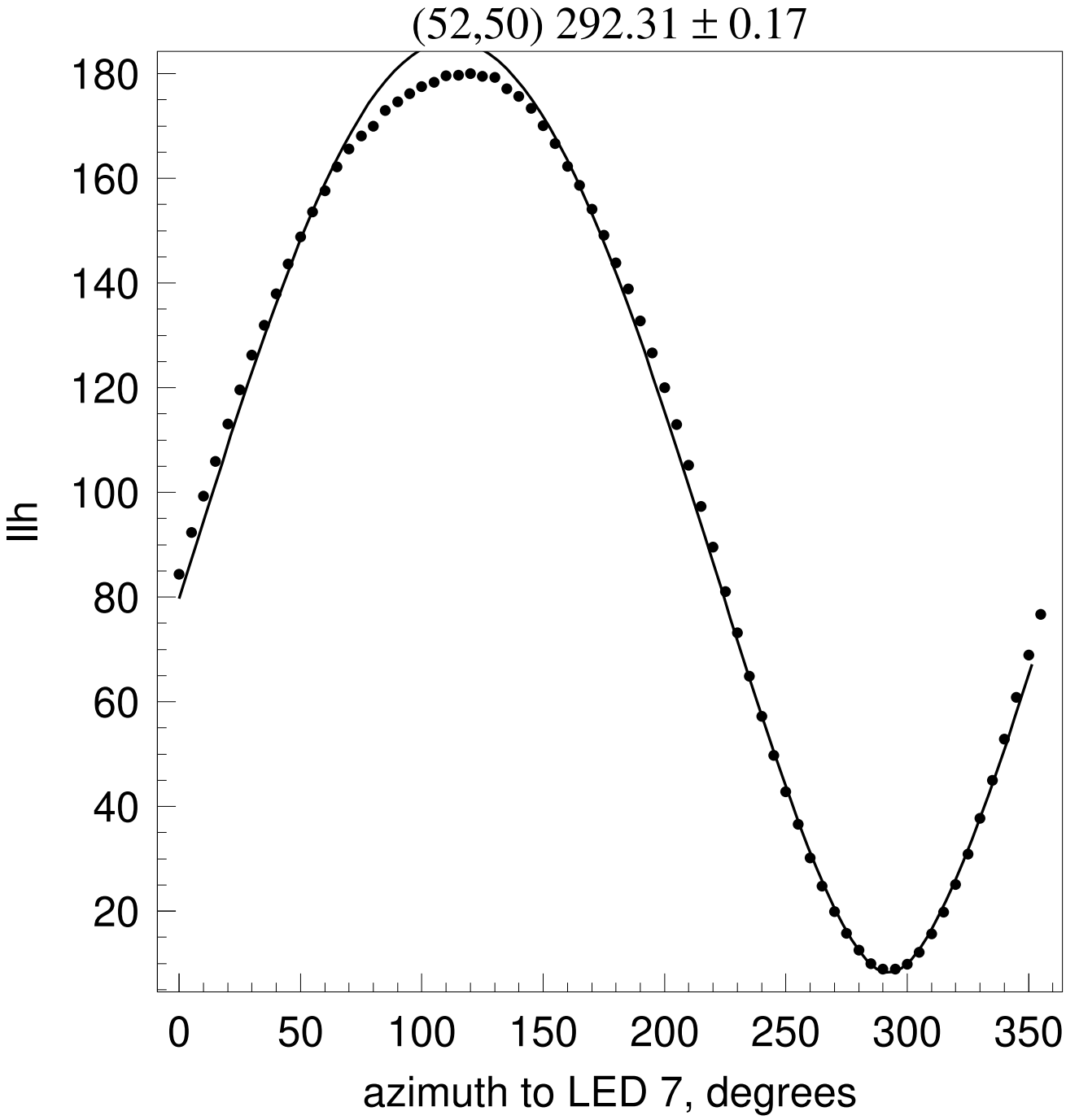

(52,45) 72.32 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

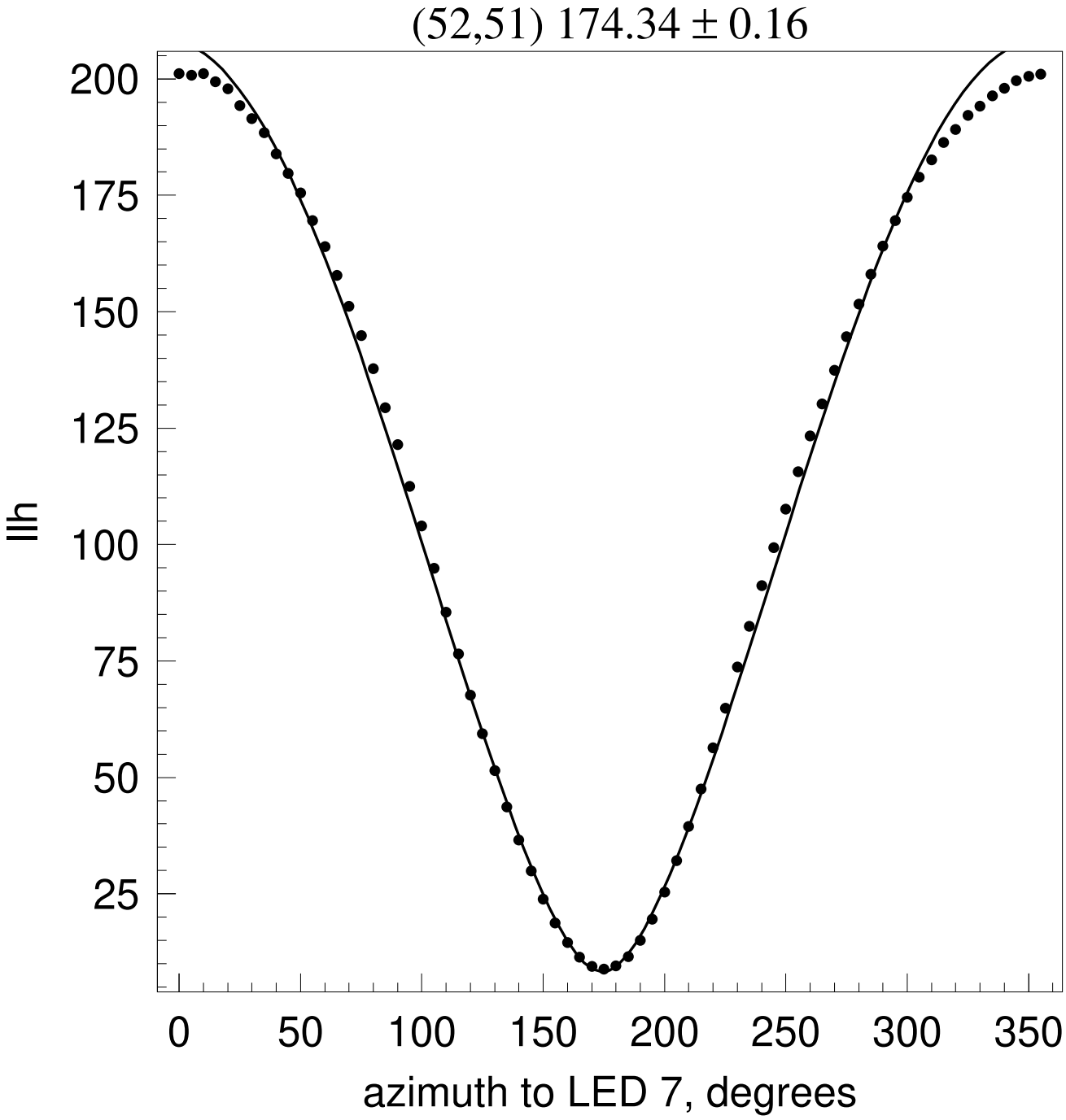

(52,46) 288.52 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

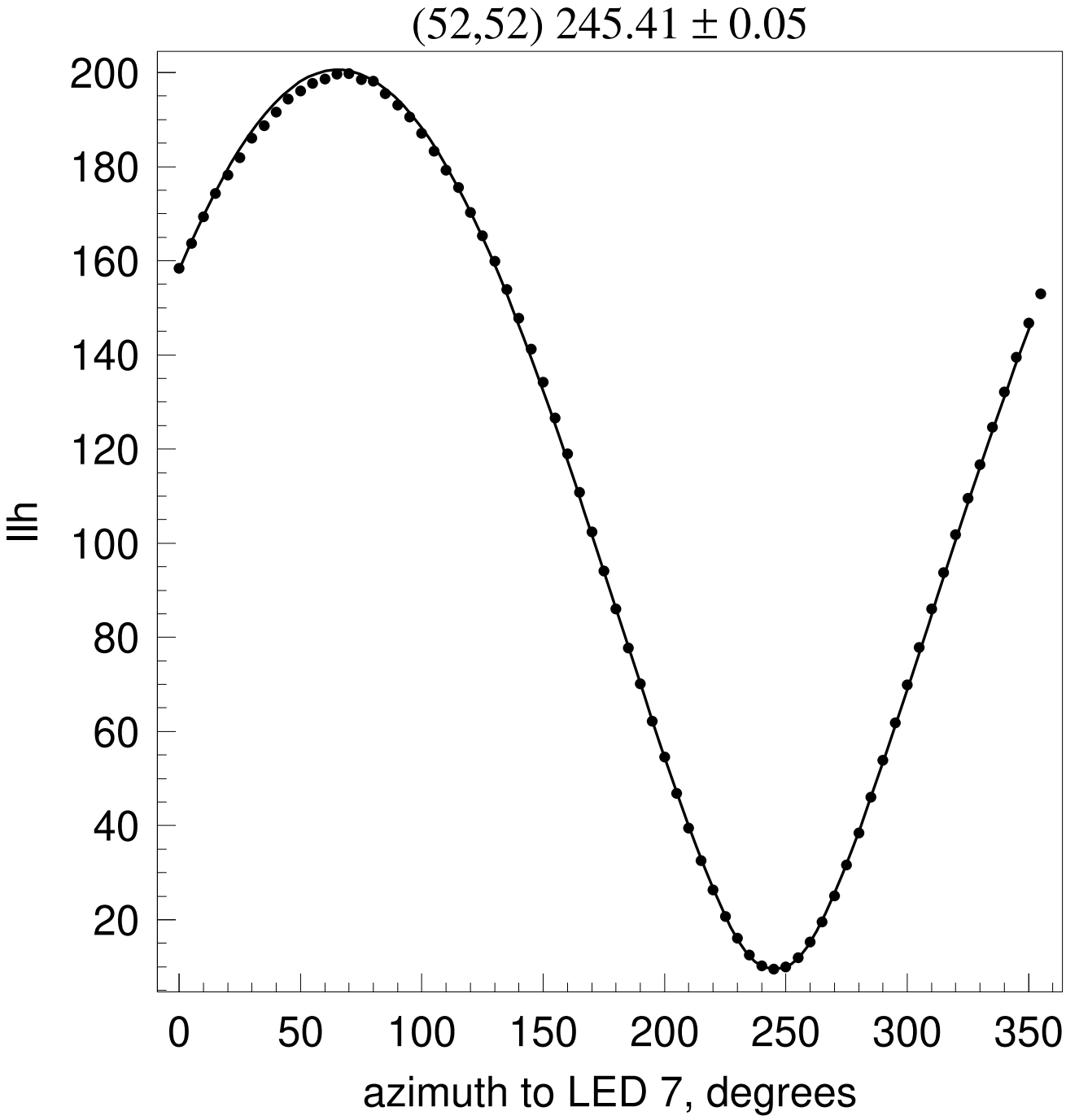

(52,47) 16.58 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

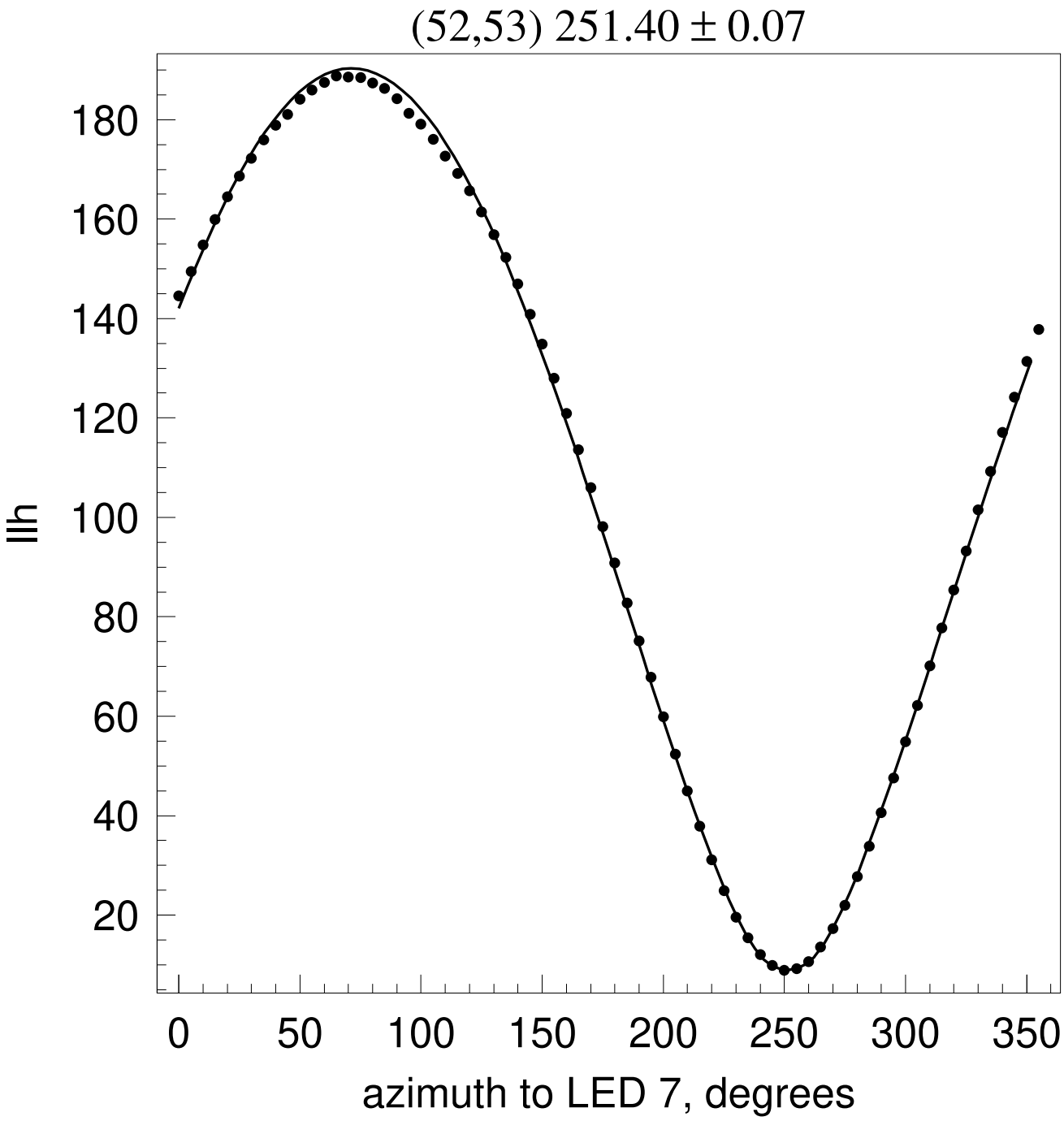

(52,48) 11.07 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

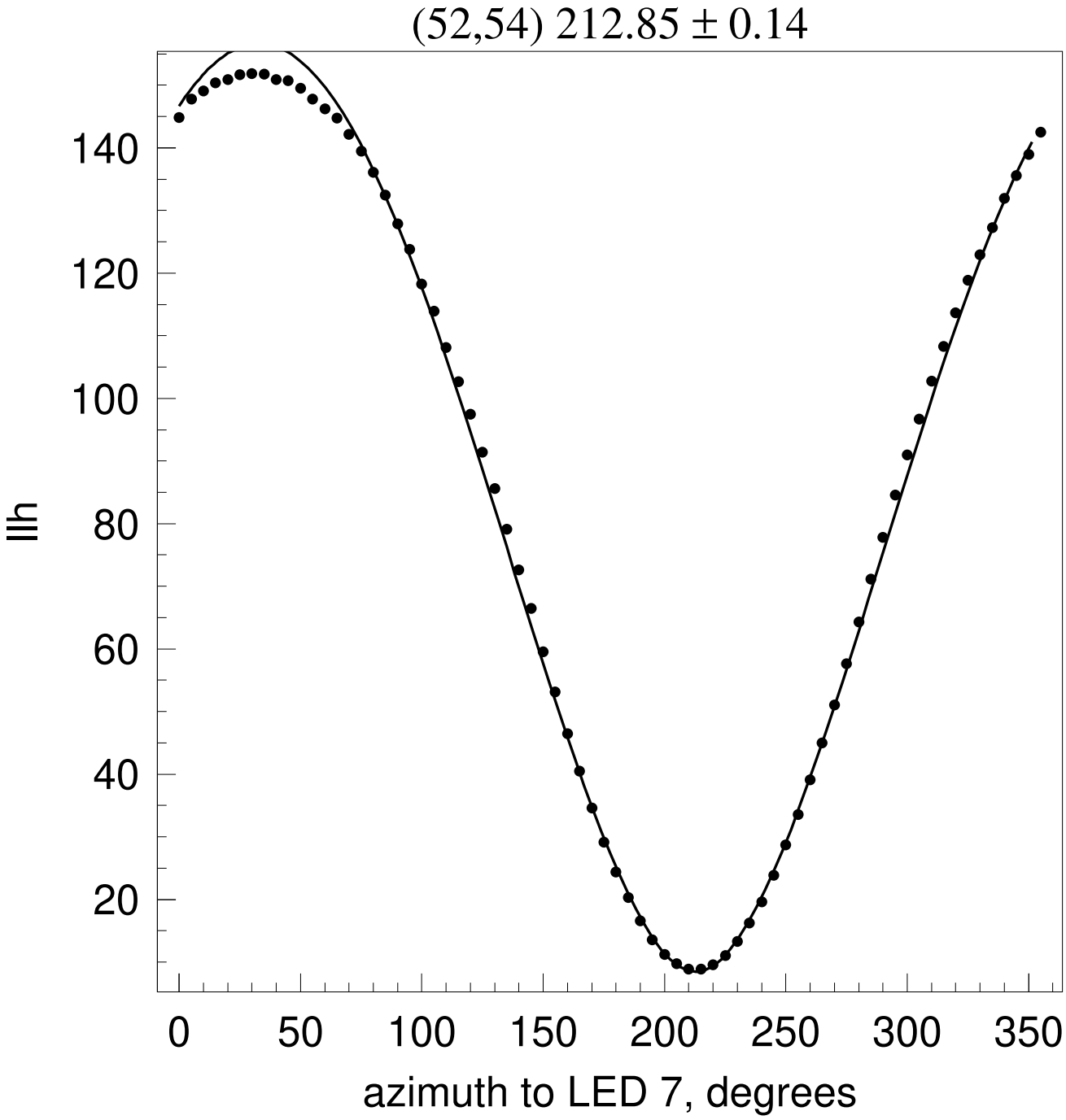

(52,49) 282.08 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

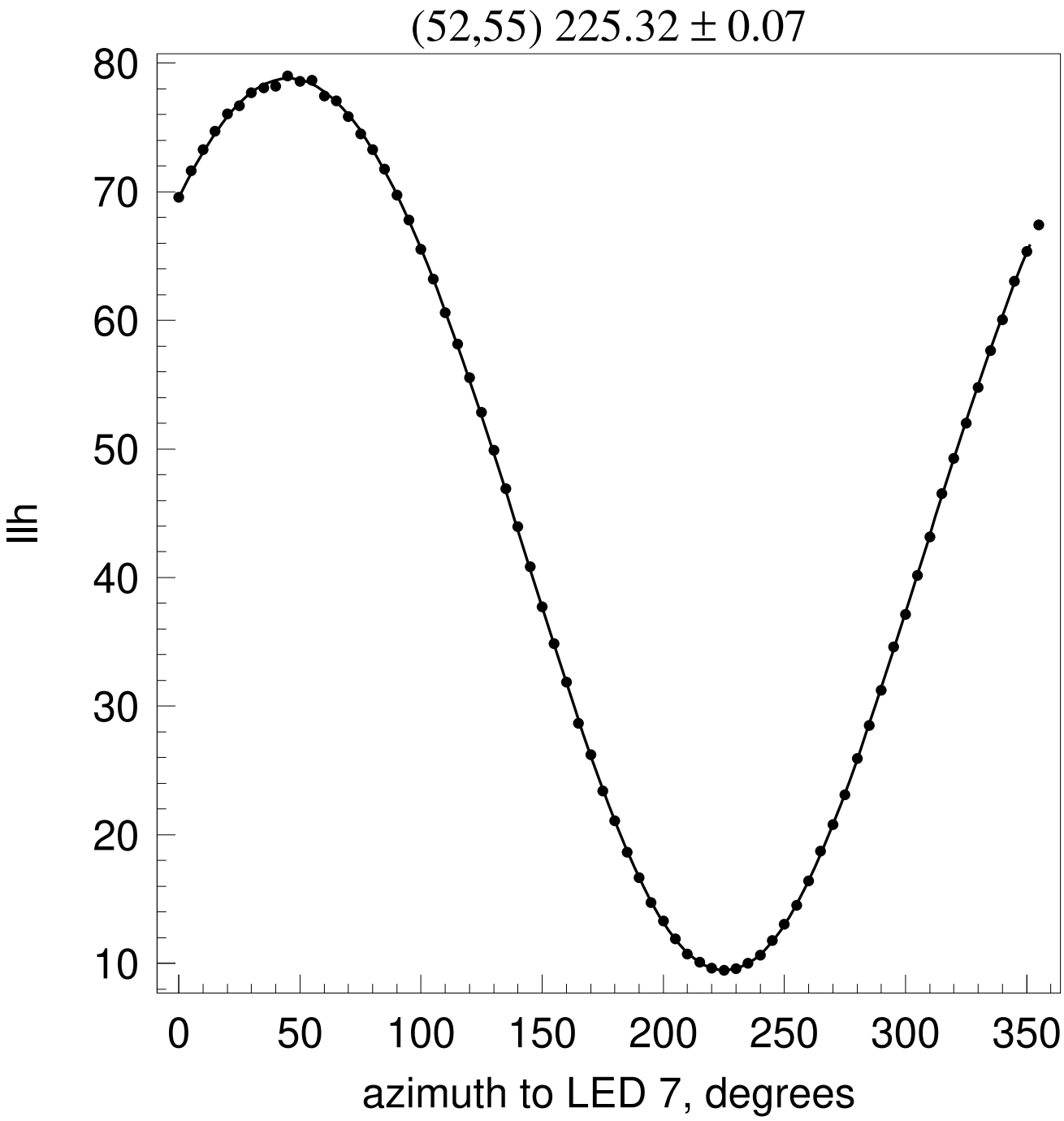

(52,50) 292.31 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

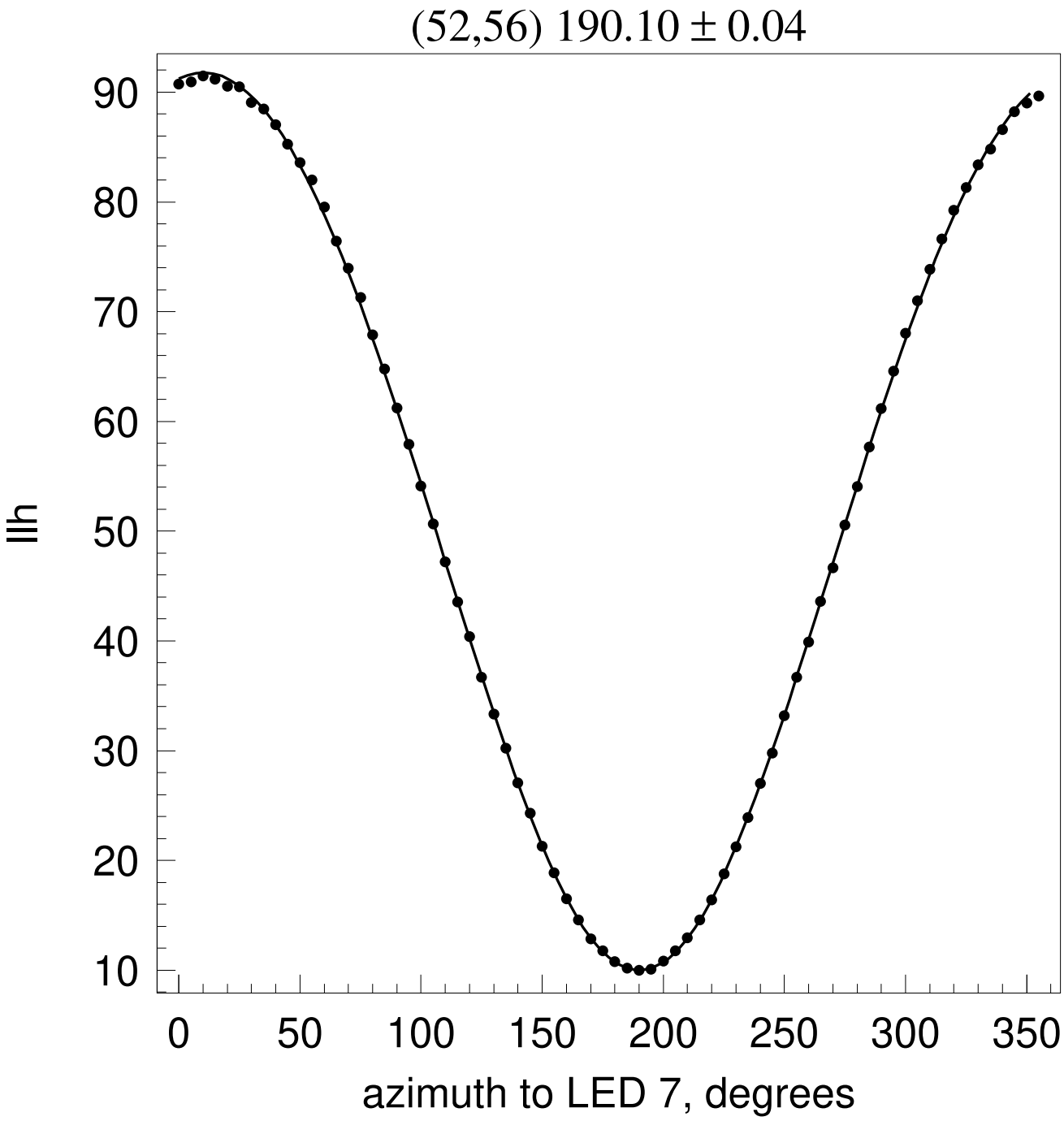

(52,51) 174.34 ± 0.16
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

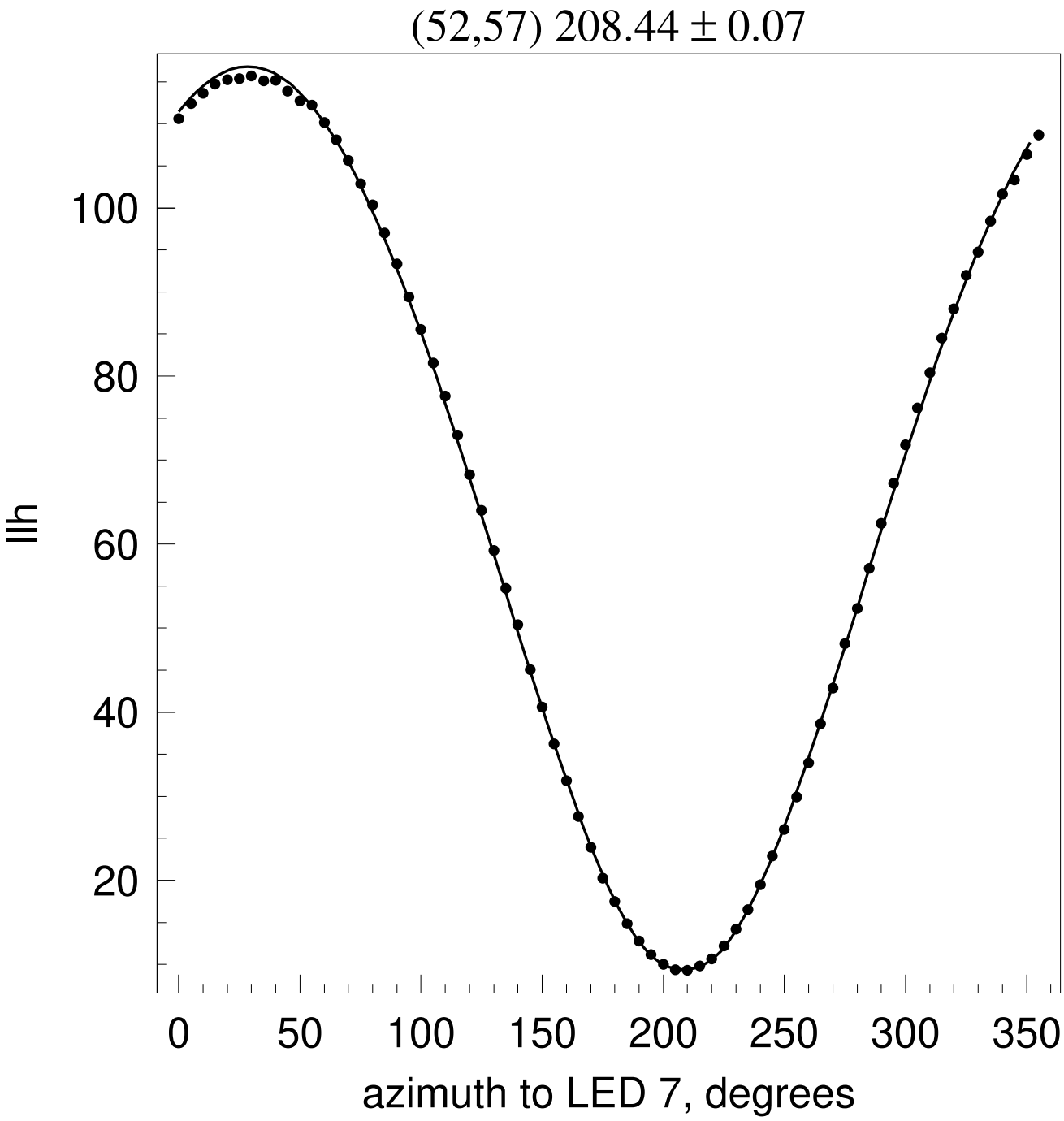

(52,52) 245.41 ± 0.05
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

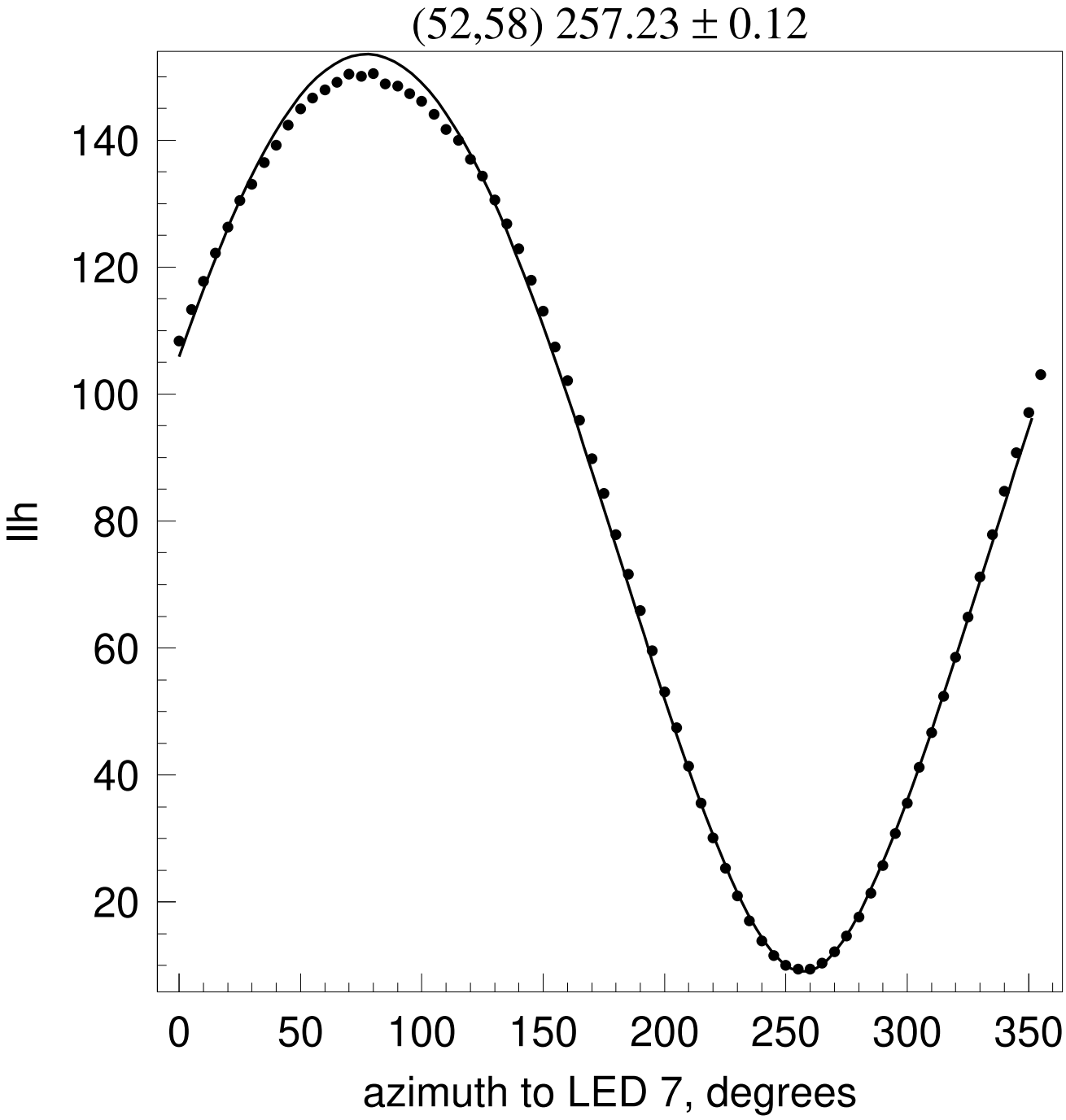

(52,53) 251.40 ± 0.07
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

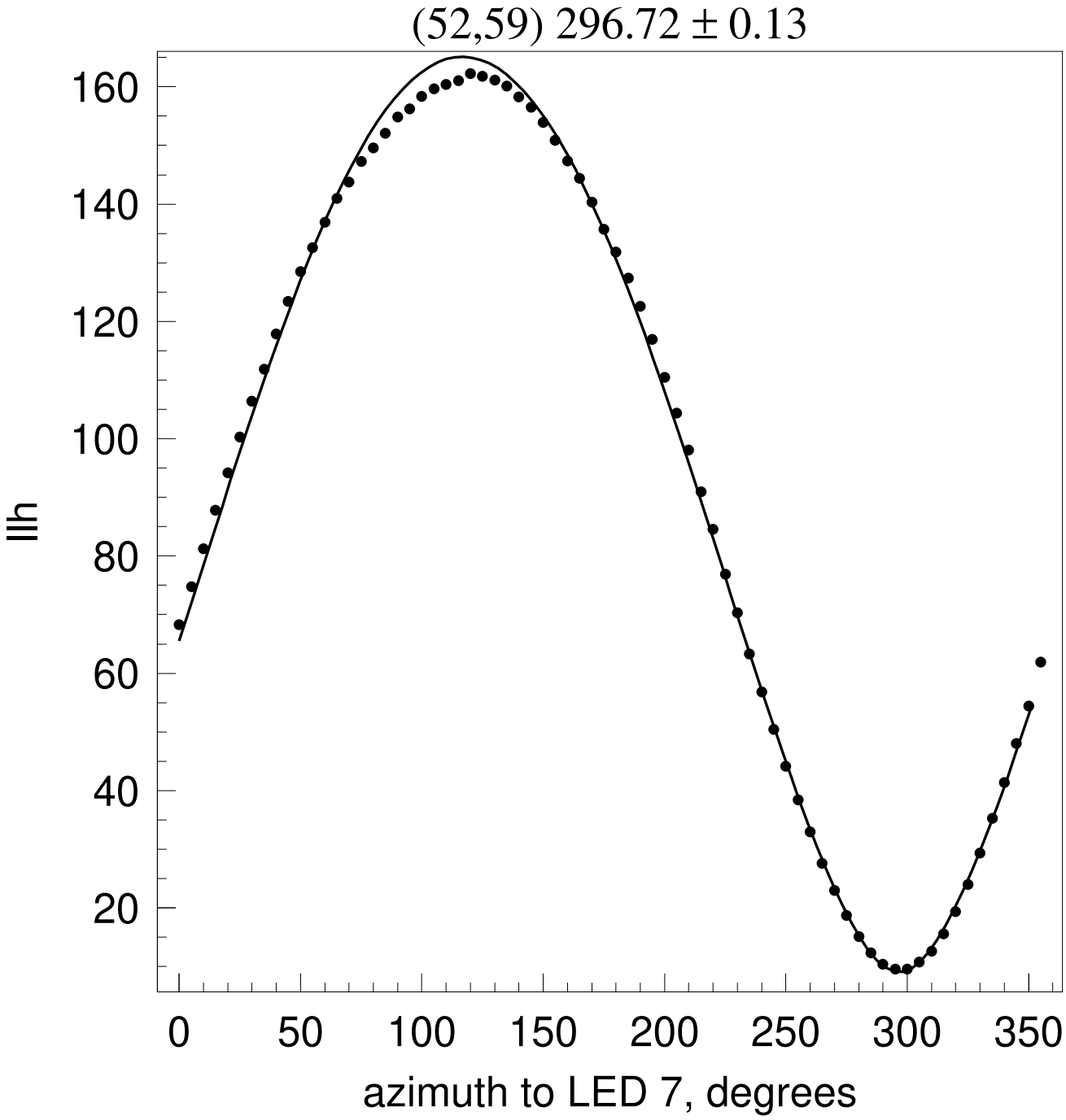

(52,54) 212.85 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

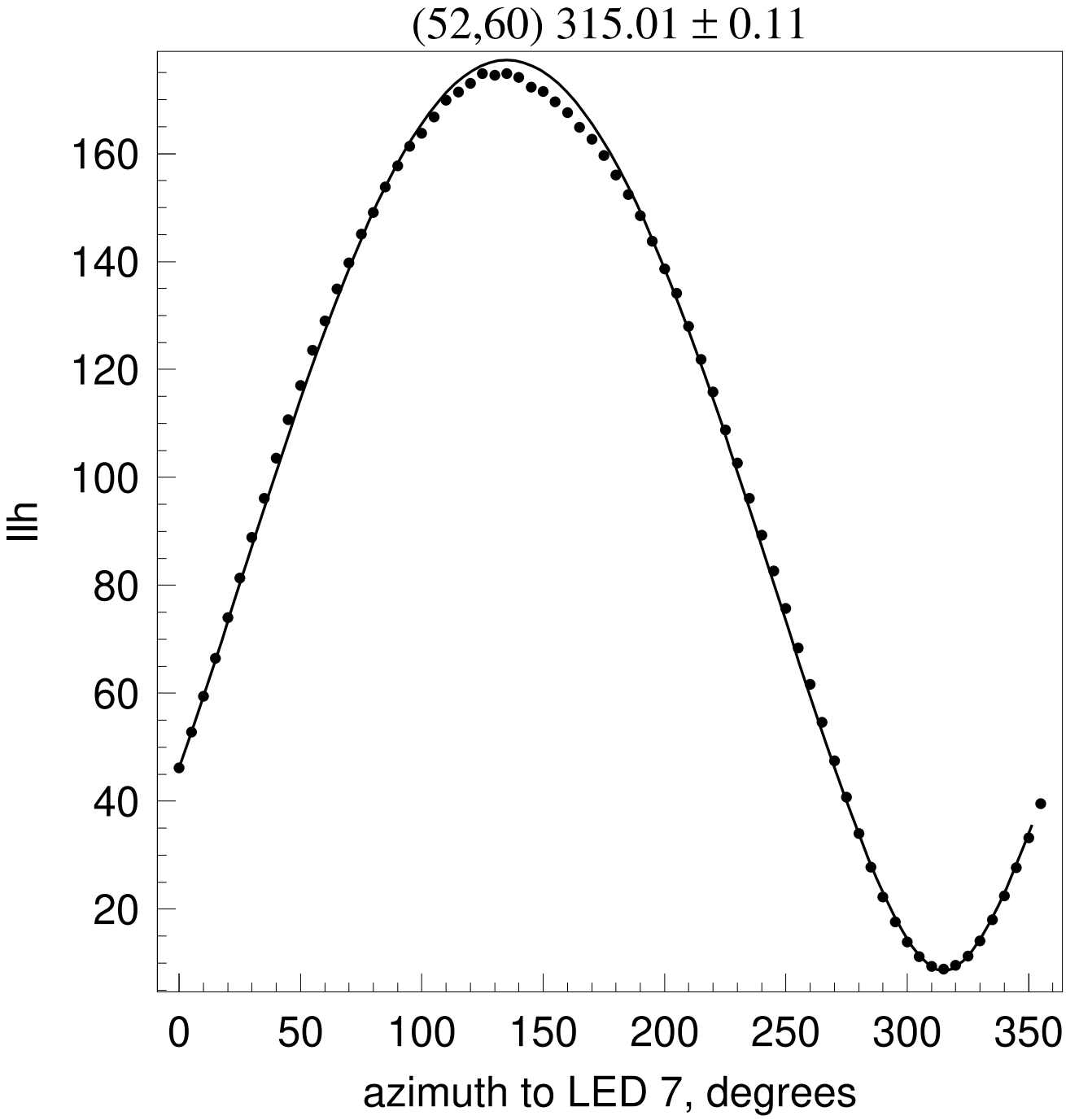

(52,55) 225.32 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

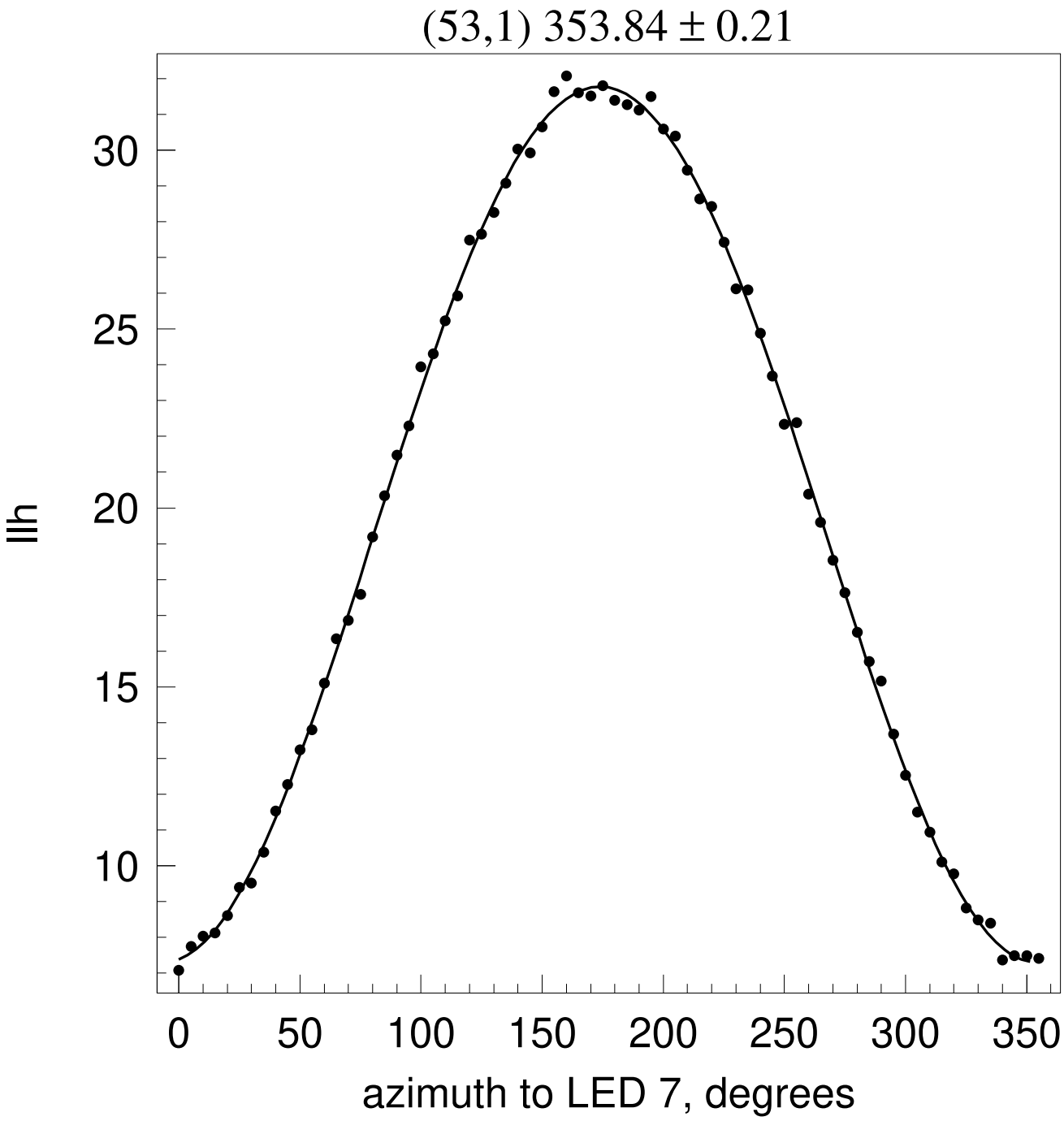

(52,56) 190.10 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

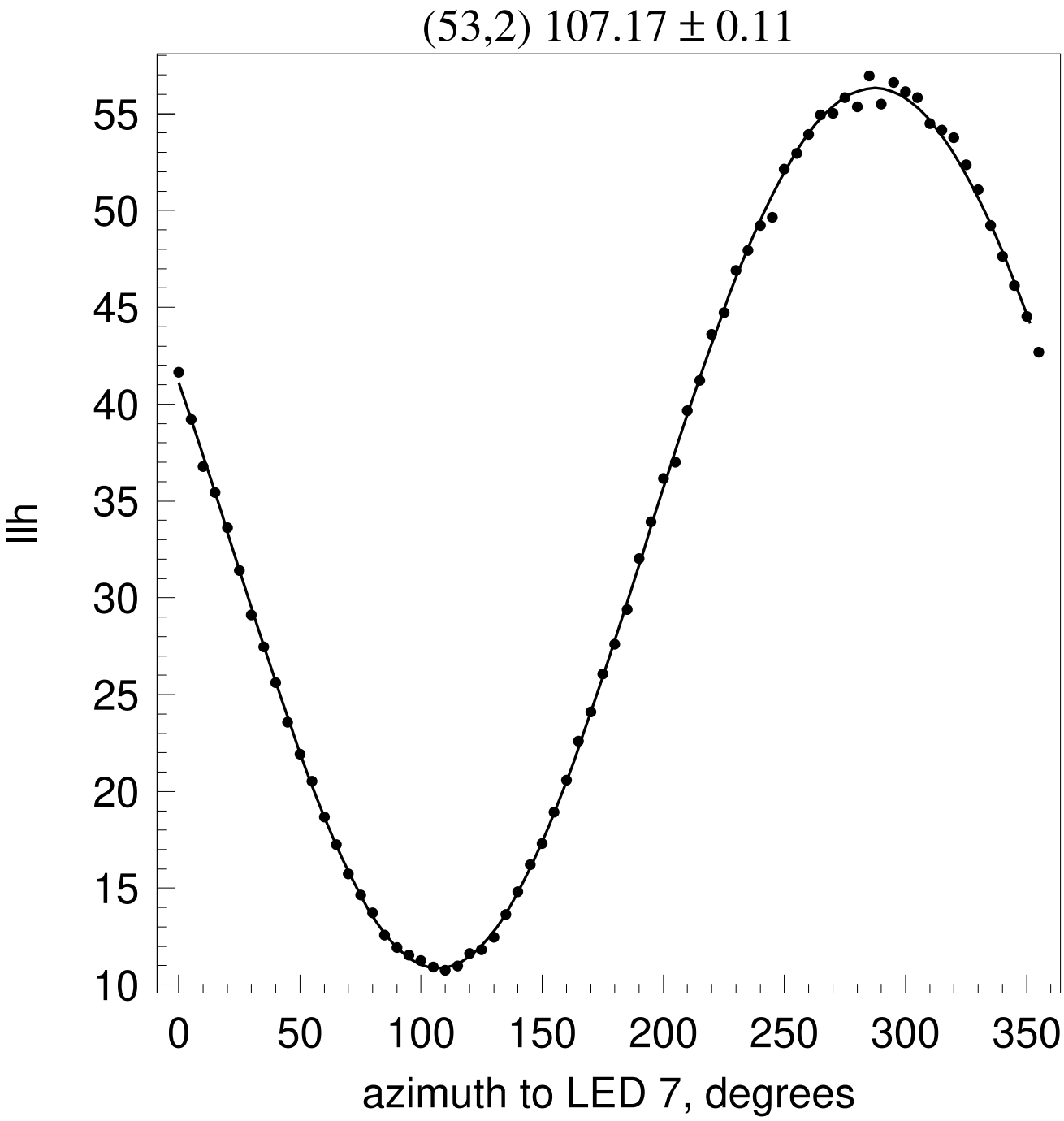

(52,57) 208.44 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

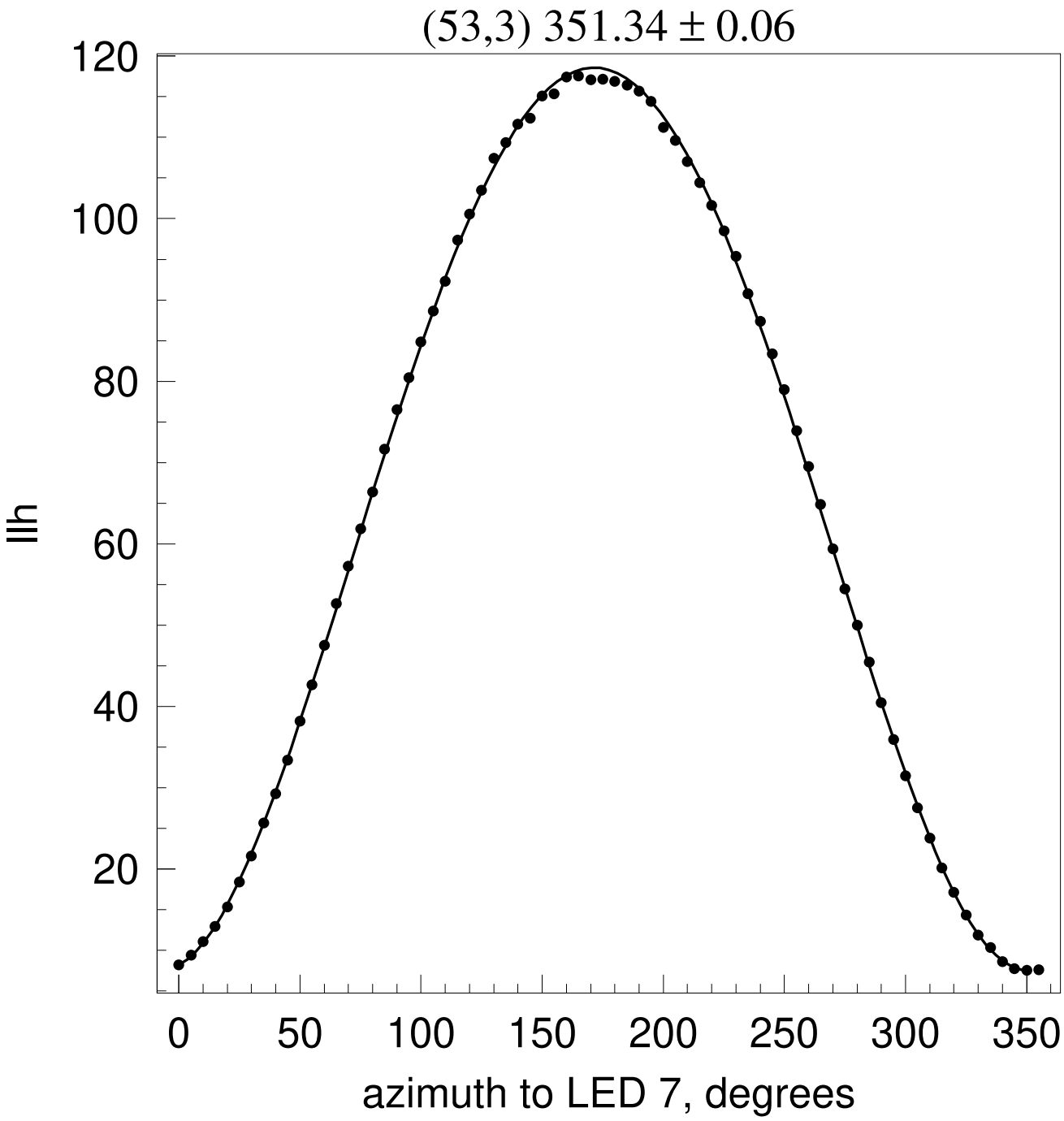

(52,58) 257.23 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

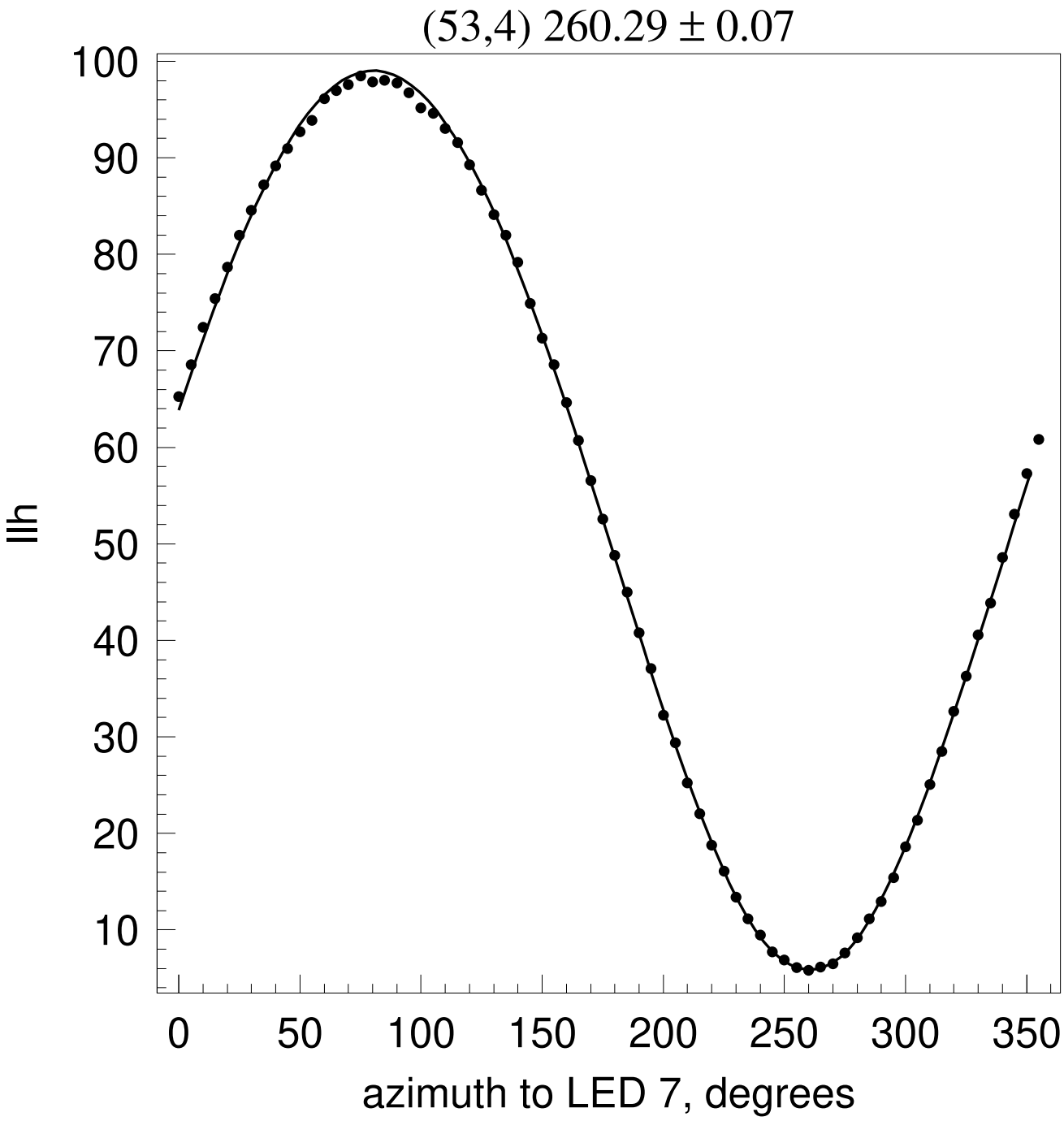

(52,59) 296.72 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

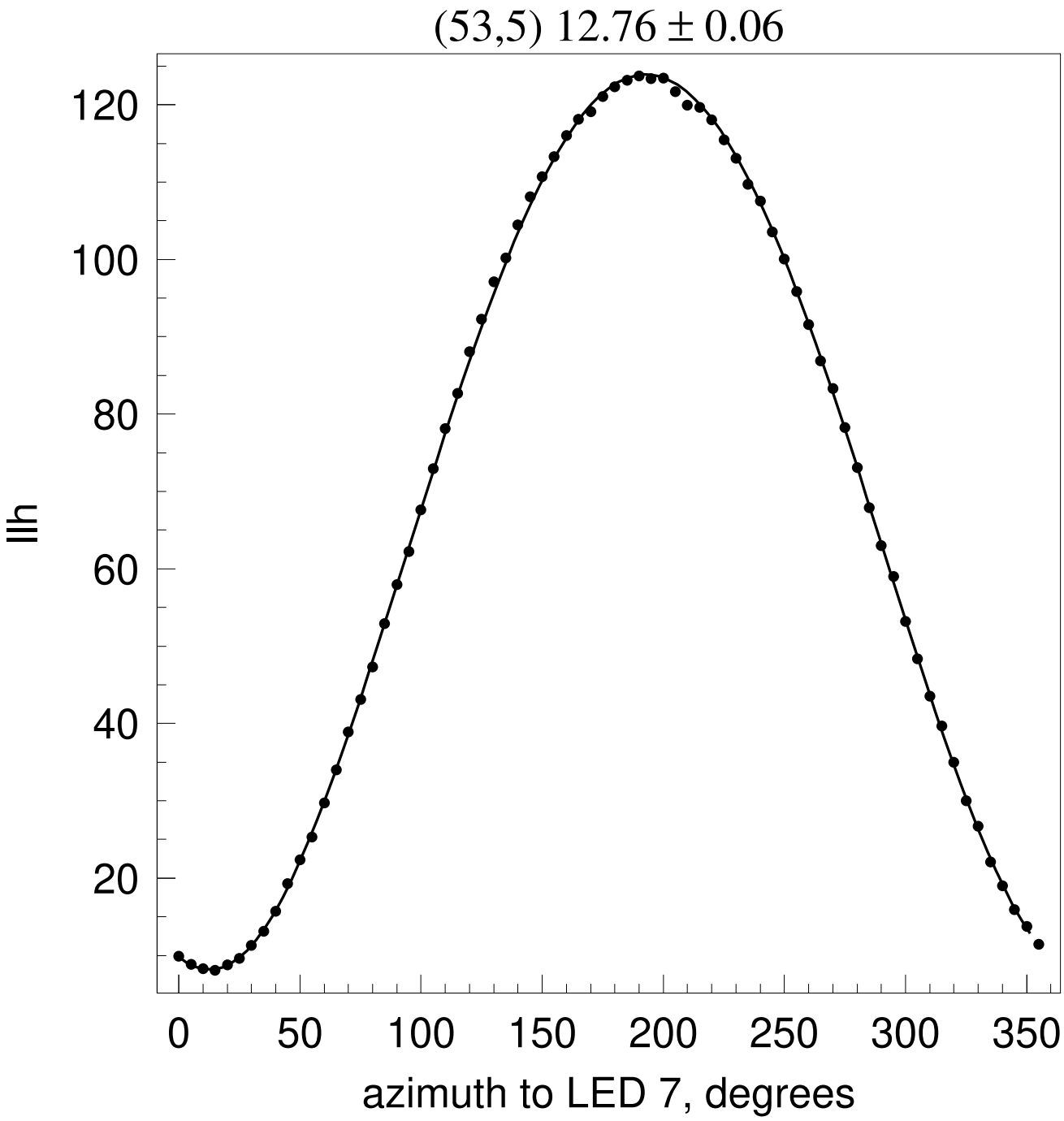

(52,60) 315.01 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

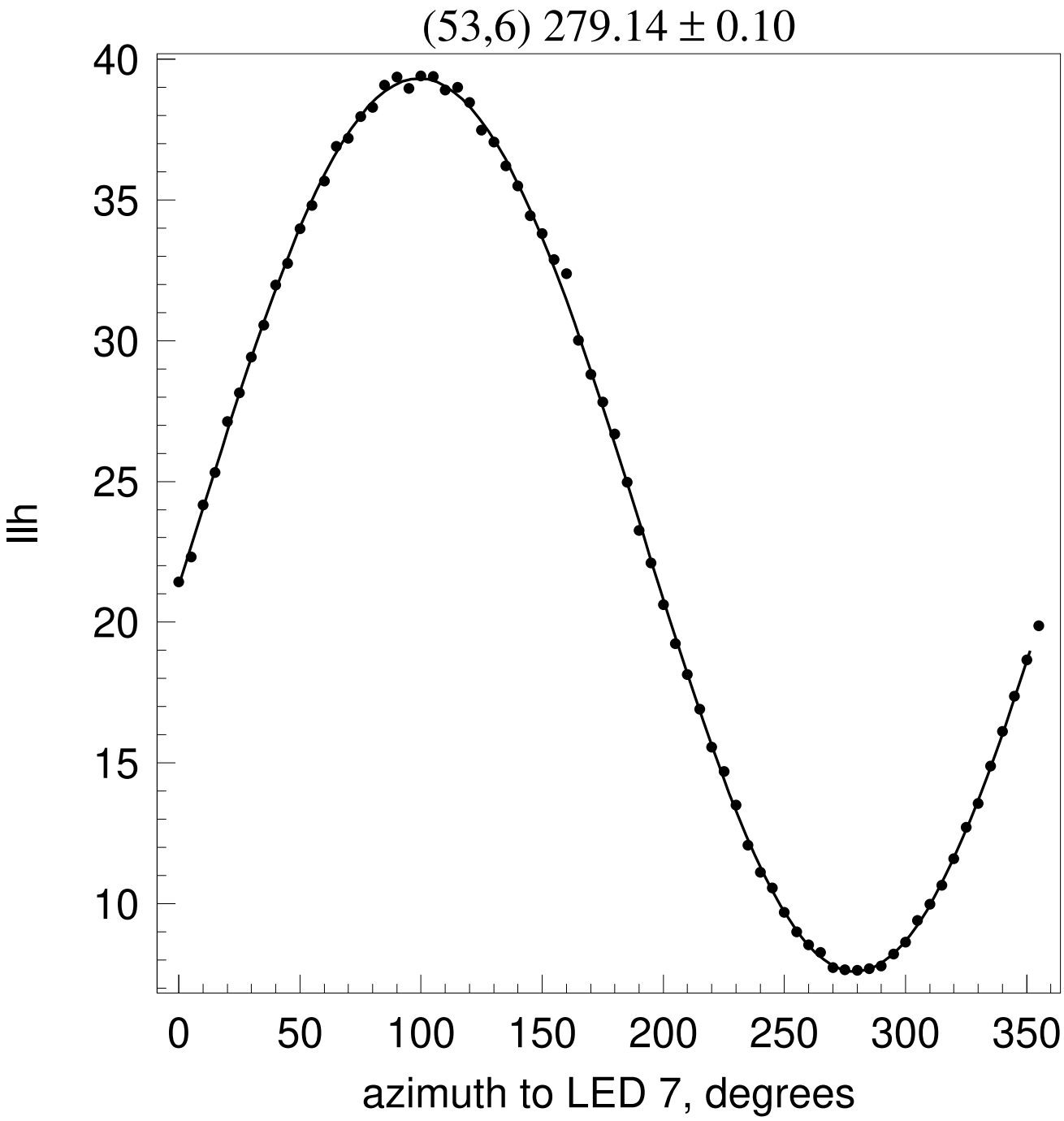

(53,1) 353.84 ± 0.21
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

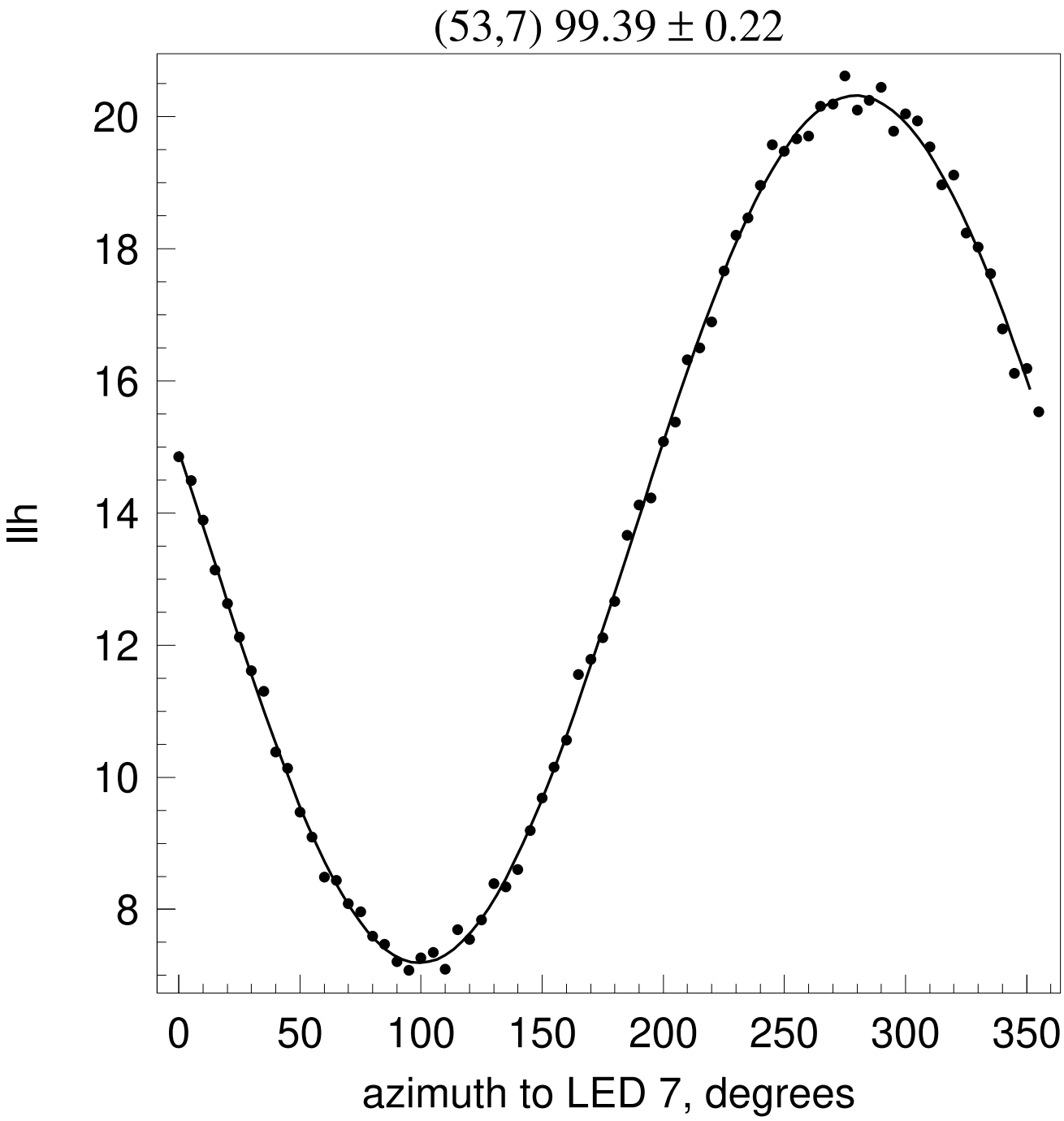

(53,2) 107.17 ± 0.11
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

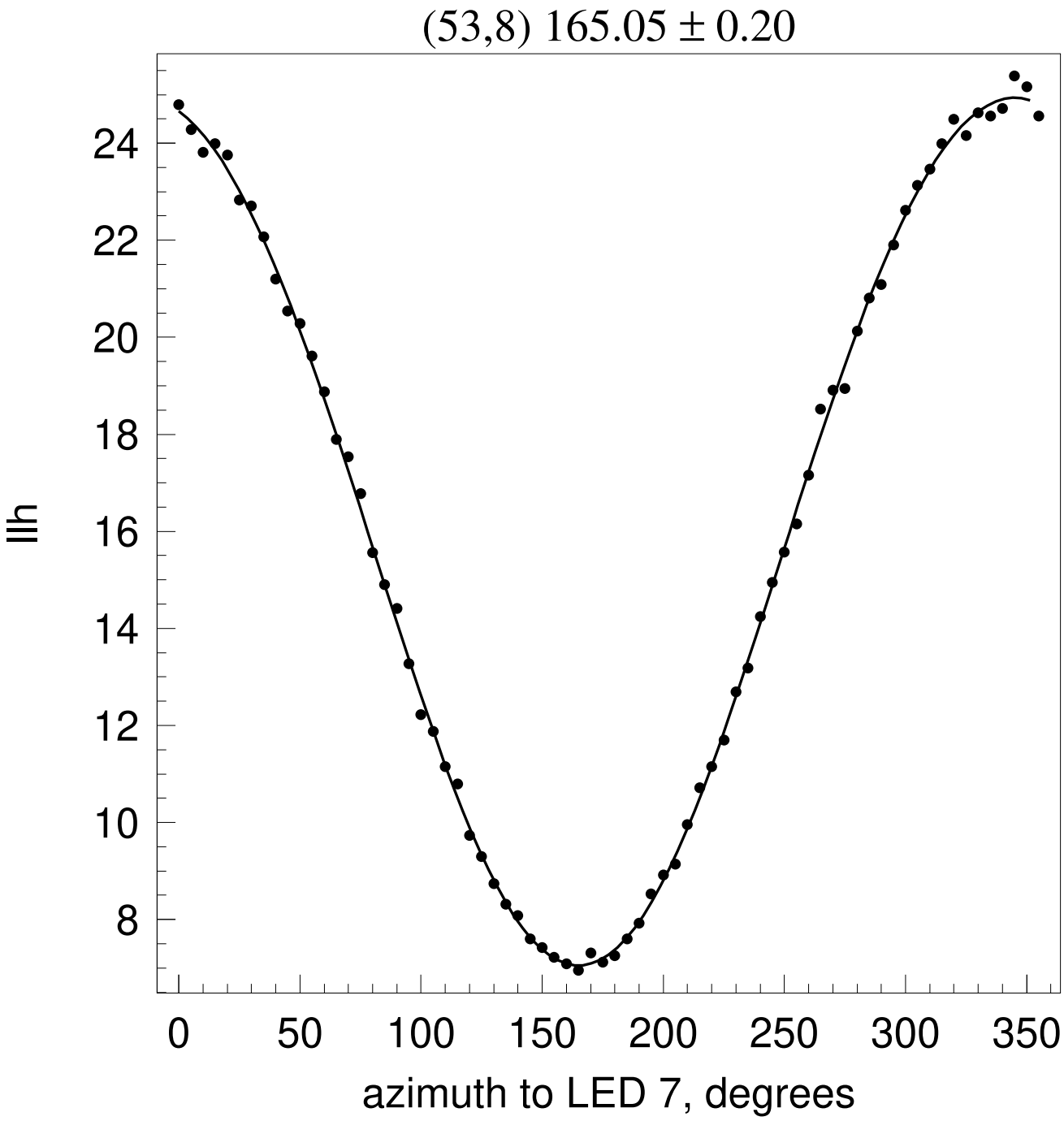

(53,3) 351.34 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

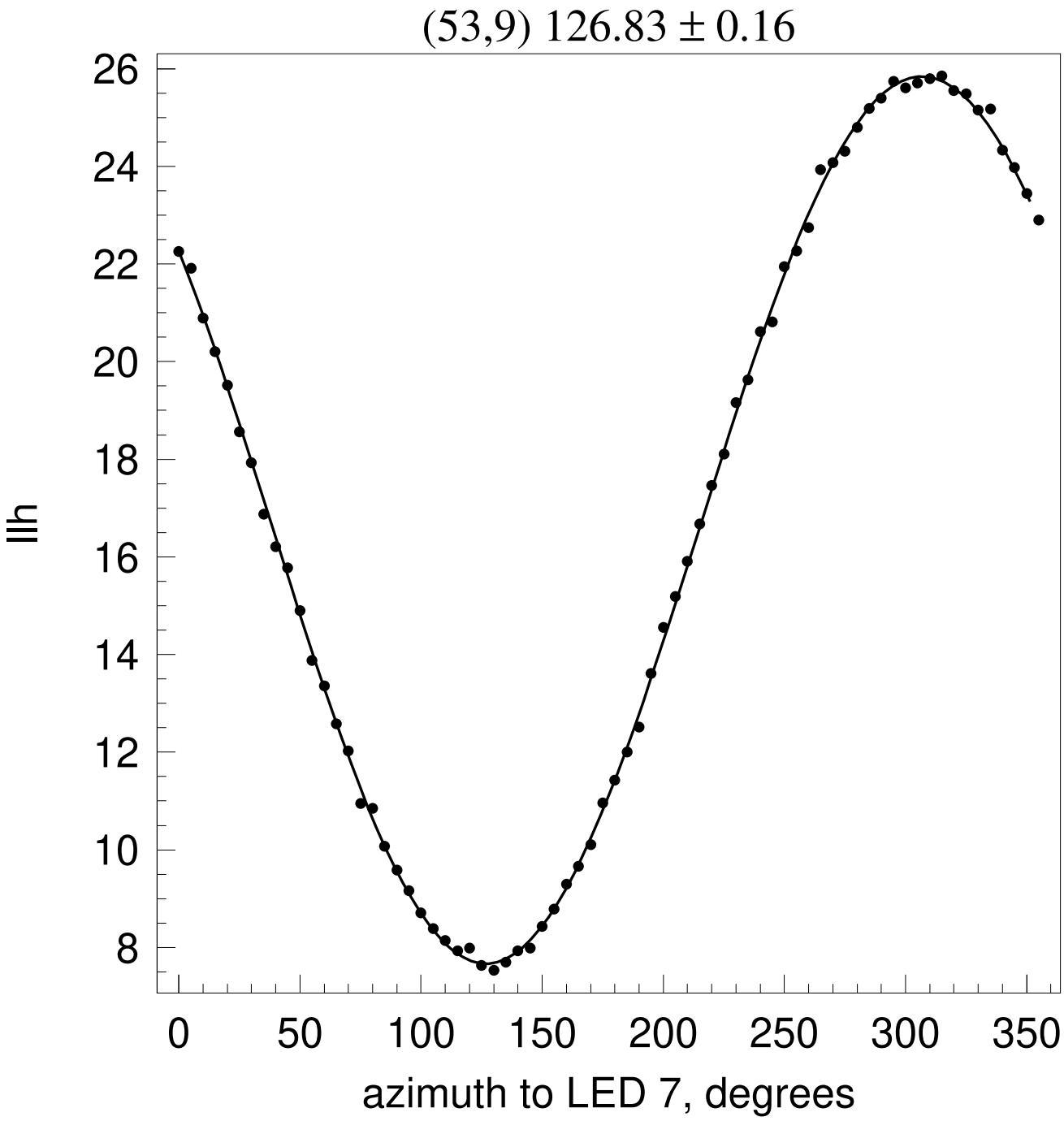

(53,4) 260.29 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

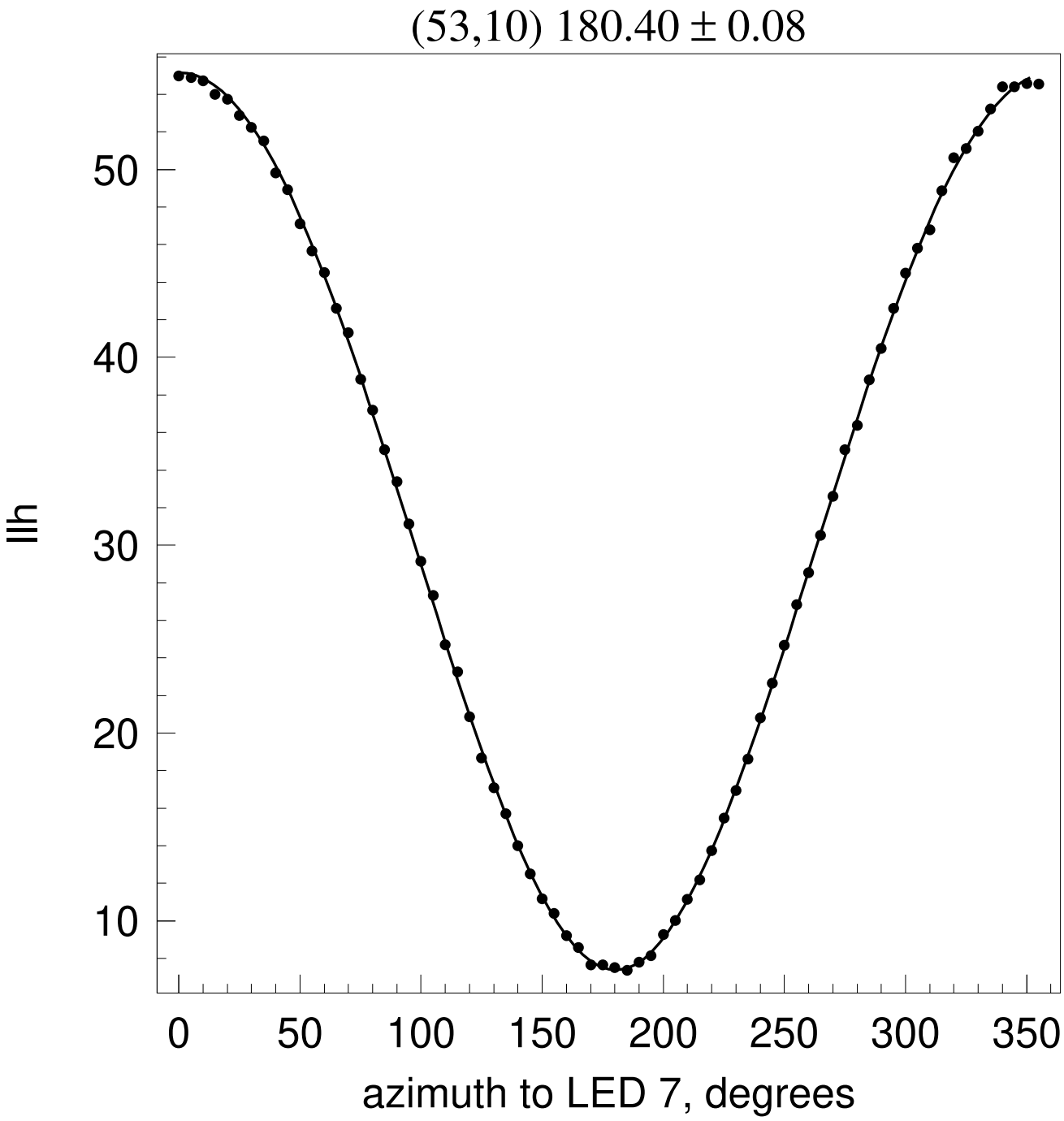

(53,5) 12.76 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

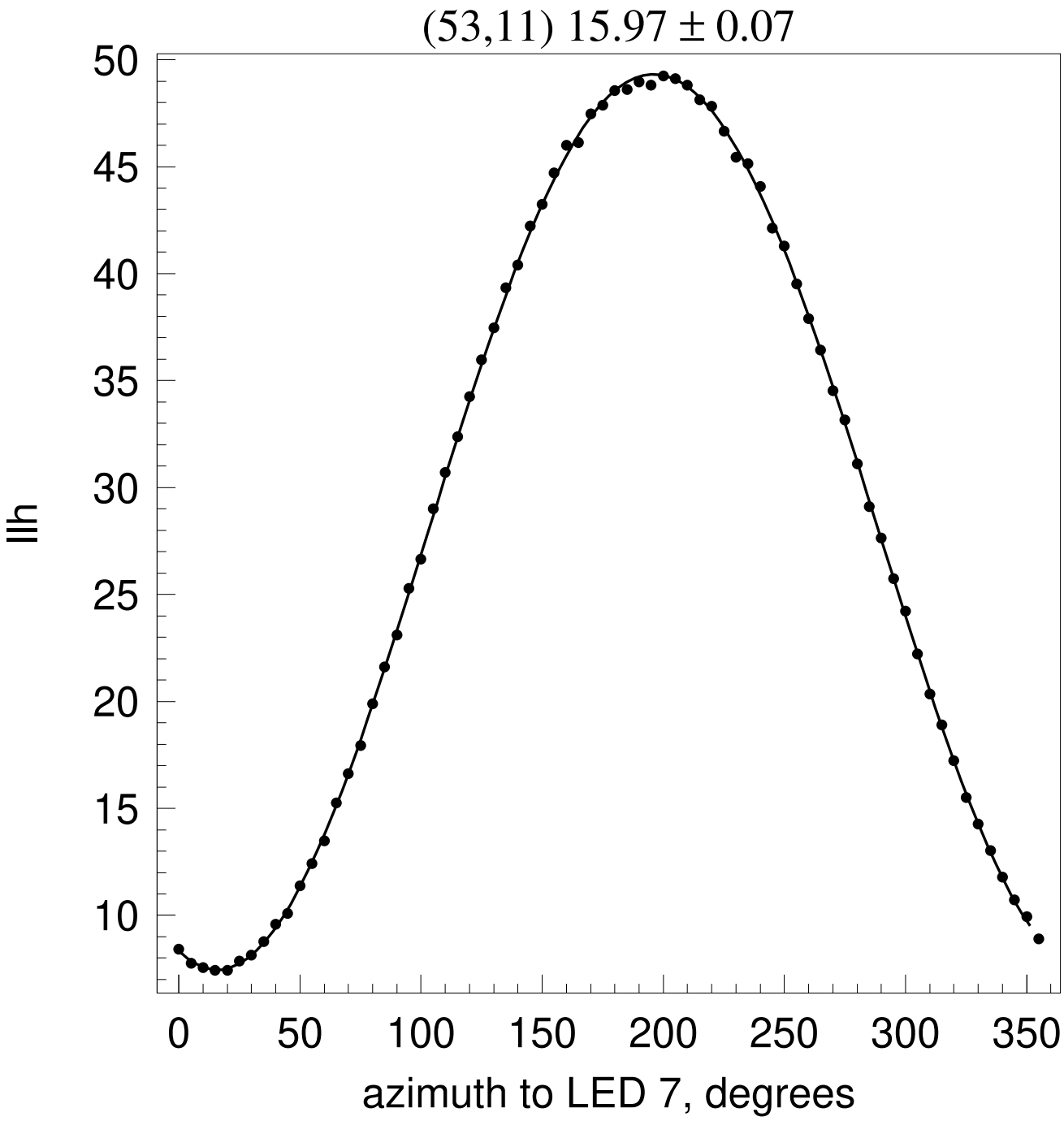

(53,6) 279.14 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

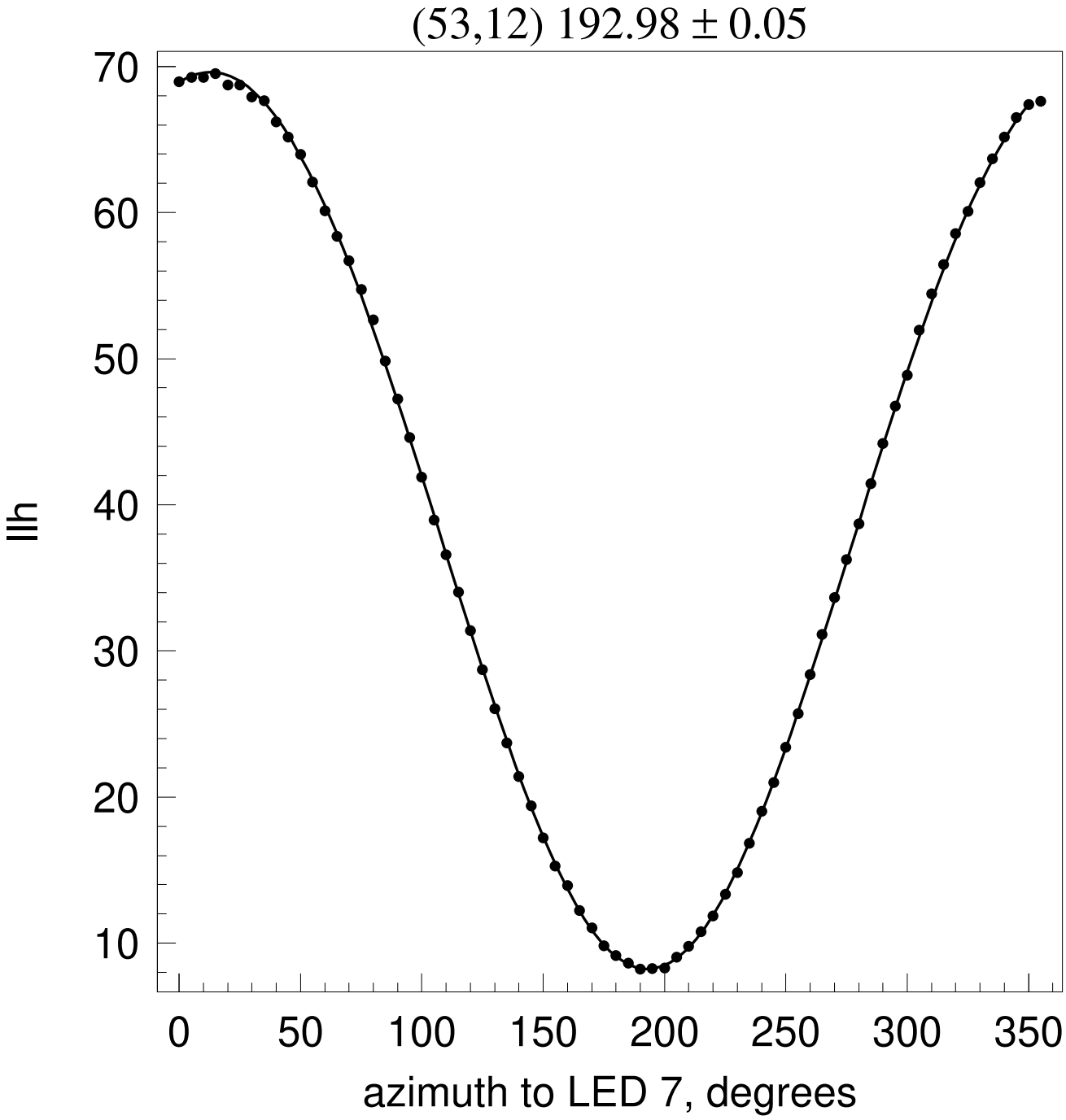

(53,7) 99.39 ± 0.22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

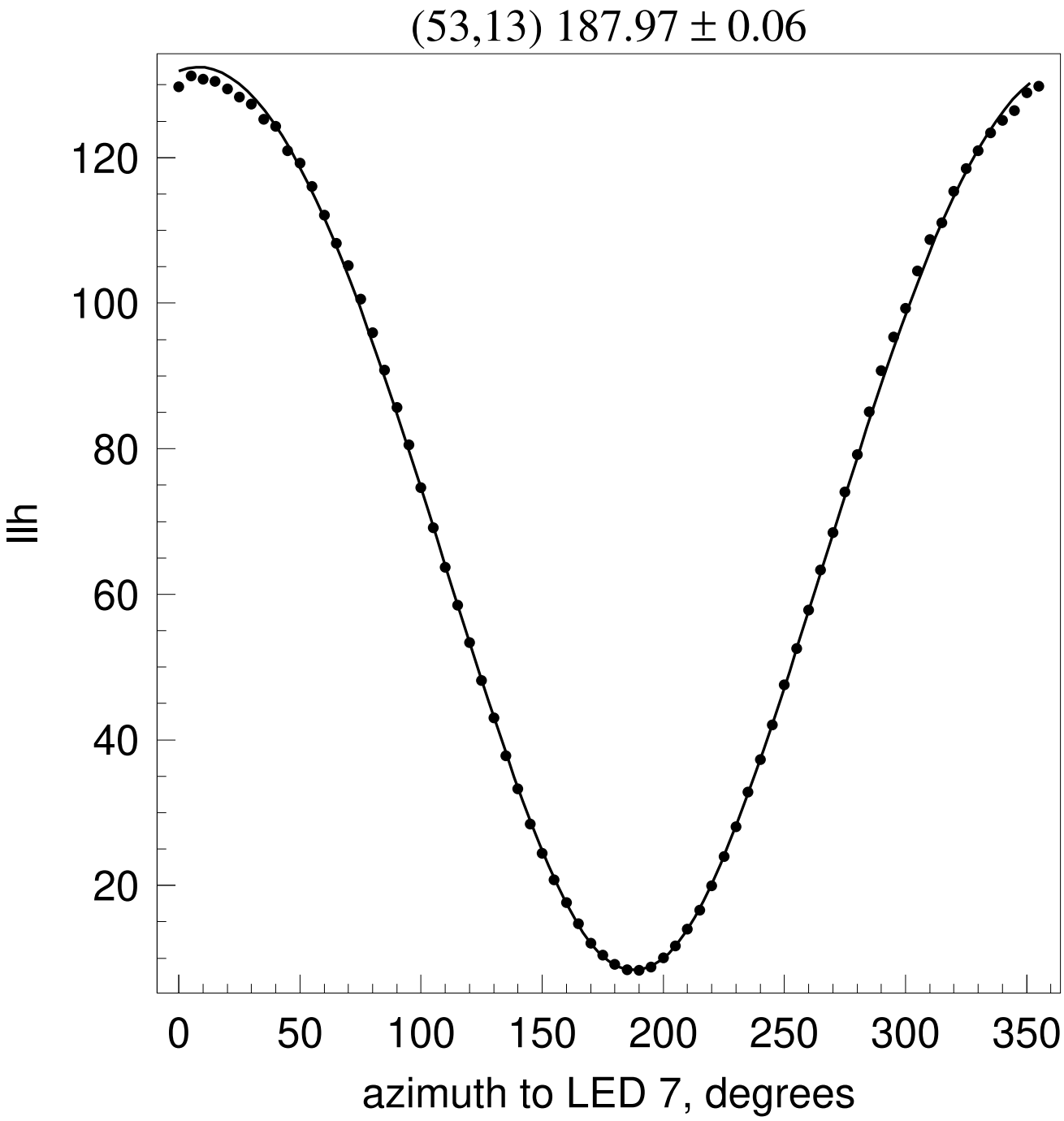

(53,8) 165.05 ± 0.20
24
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

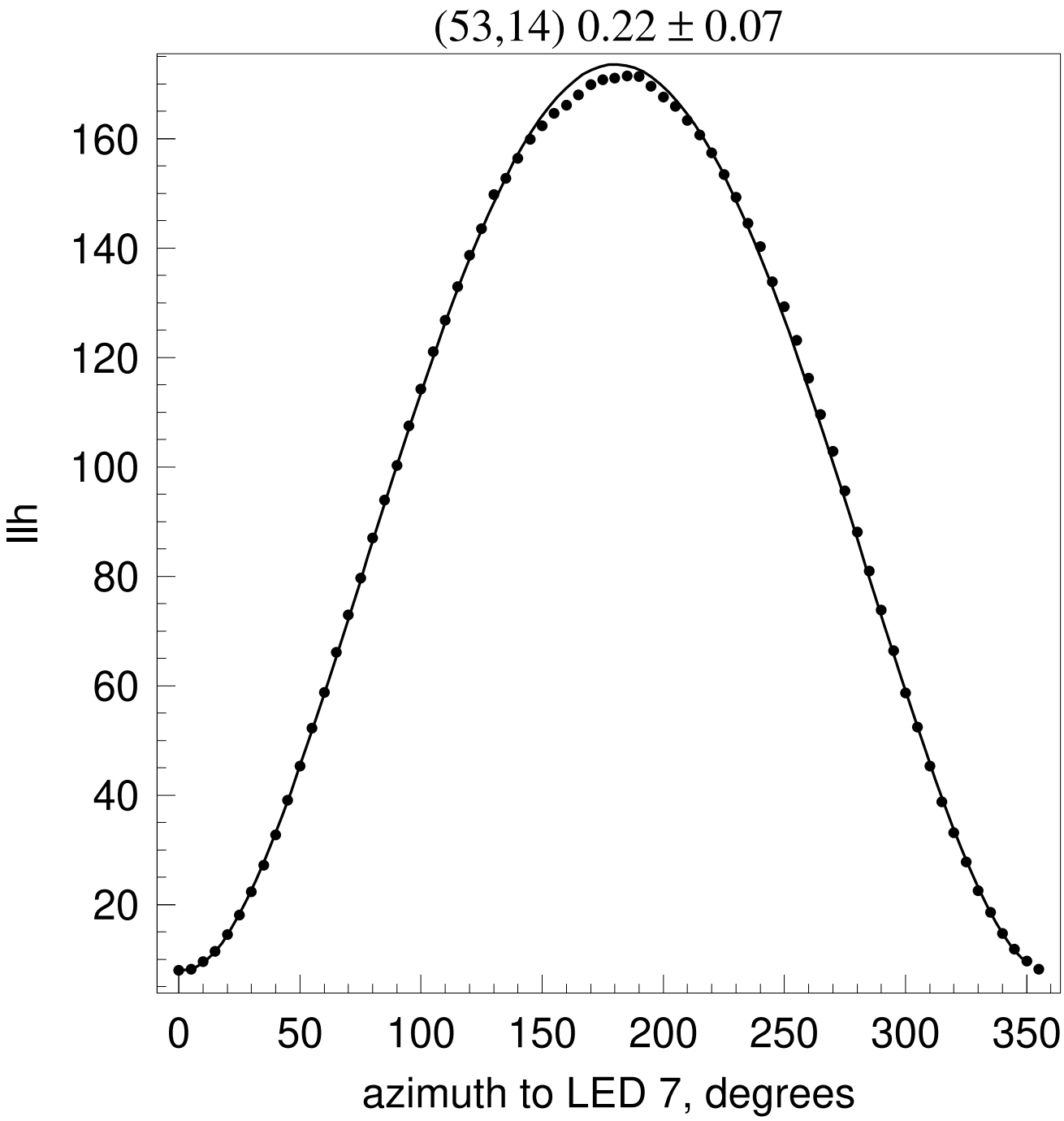

(53,9) 126.83 ± 0.16
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

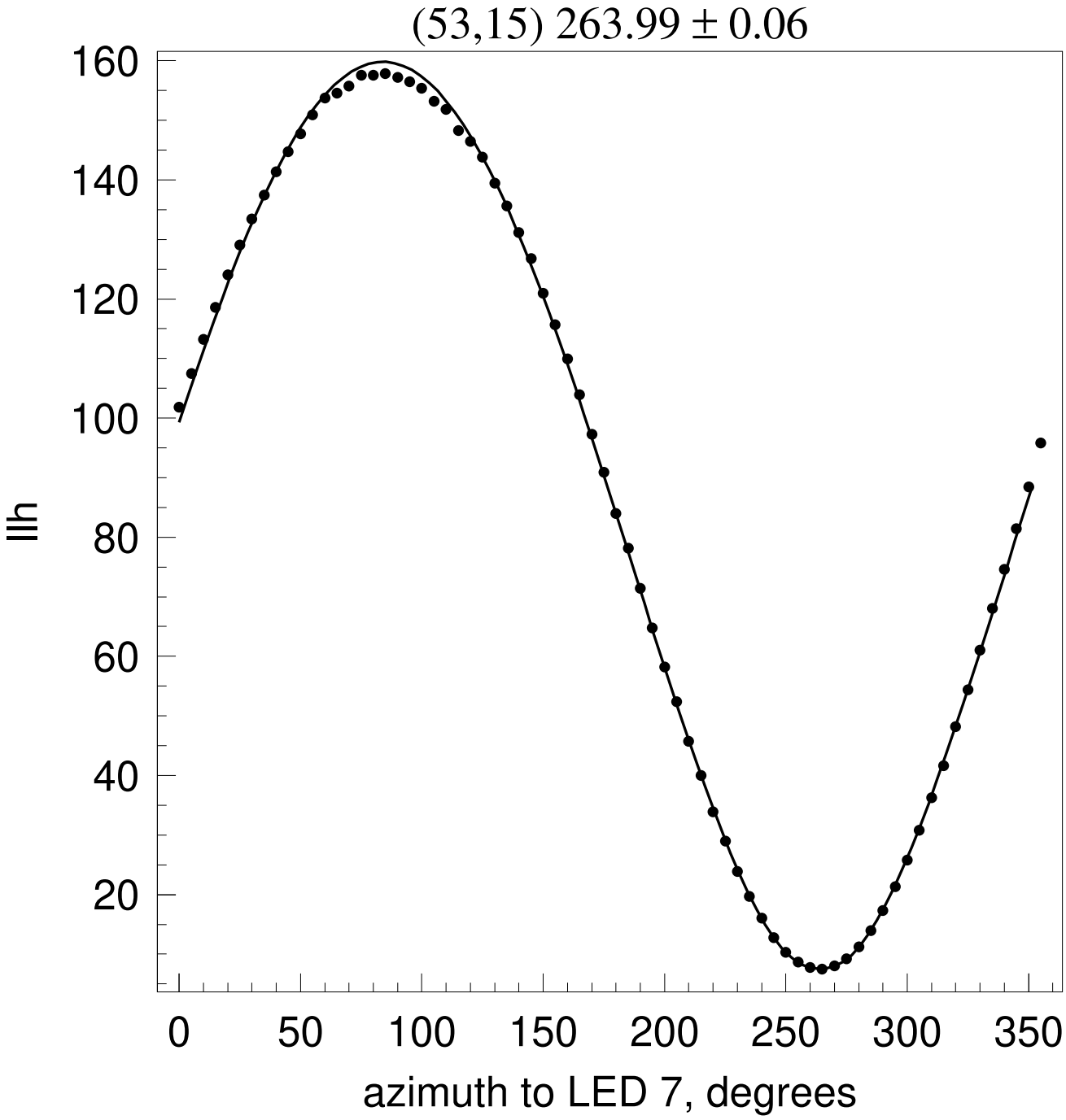

(53,10) 180.40 ± 0.08
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

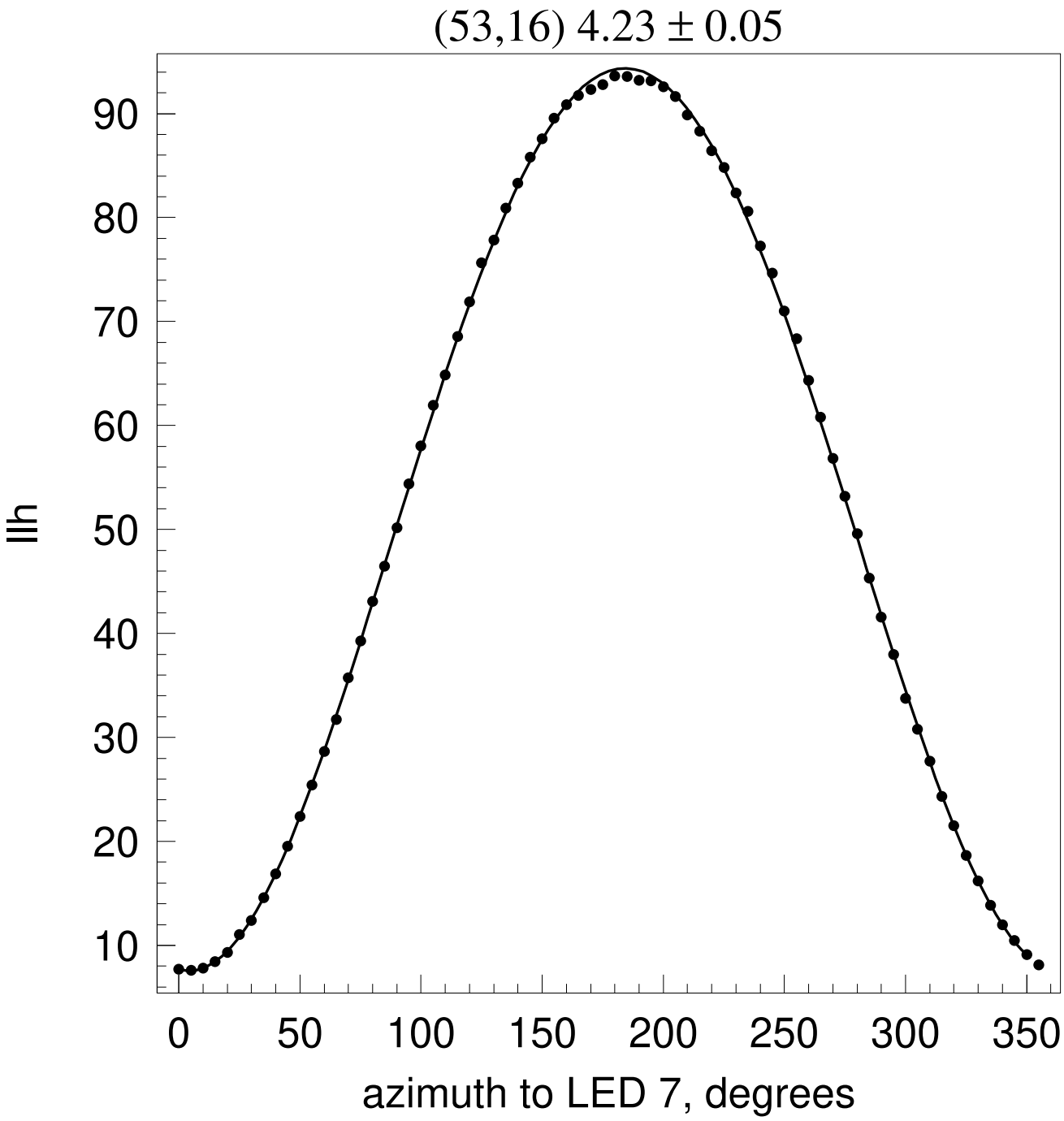

(53,11) 15.97 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

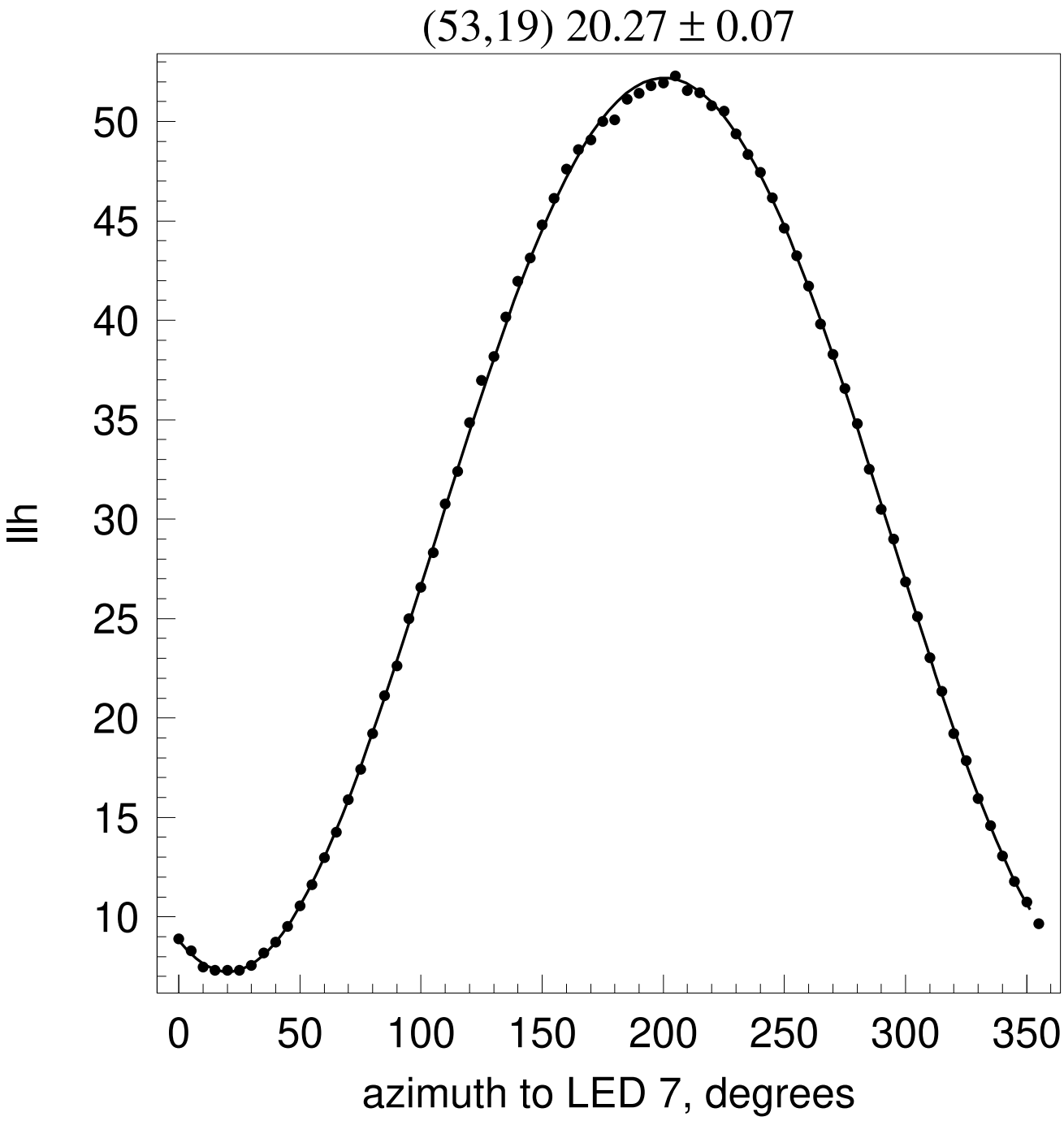

(53,12) 192.98 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

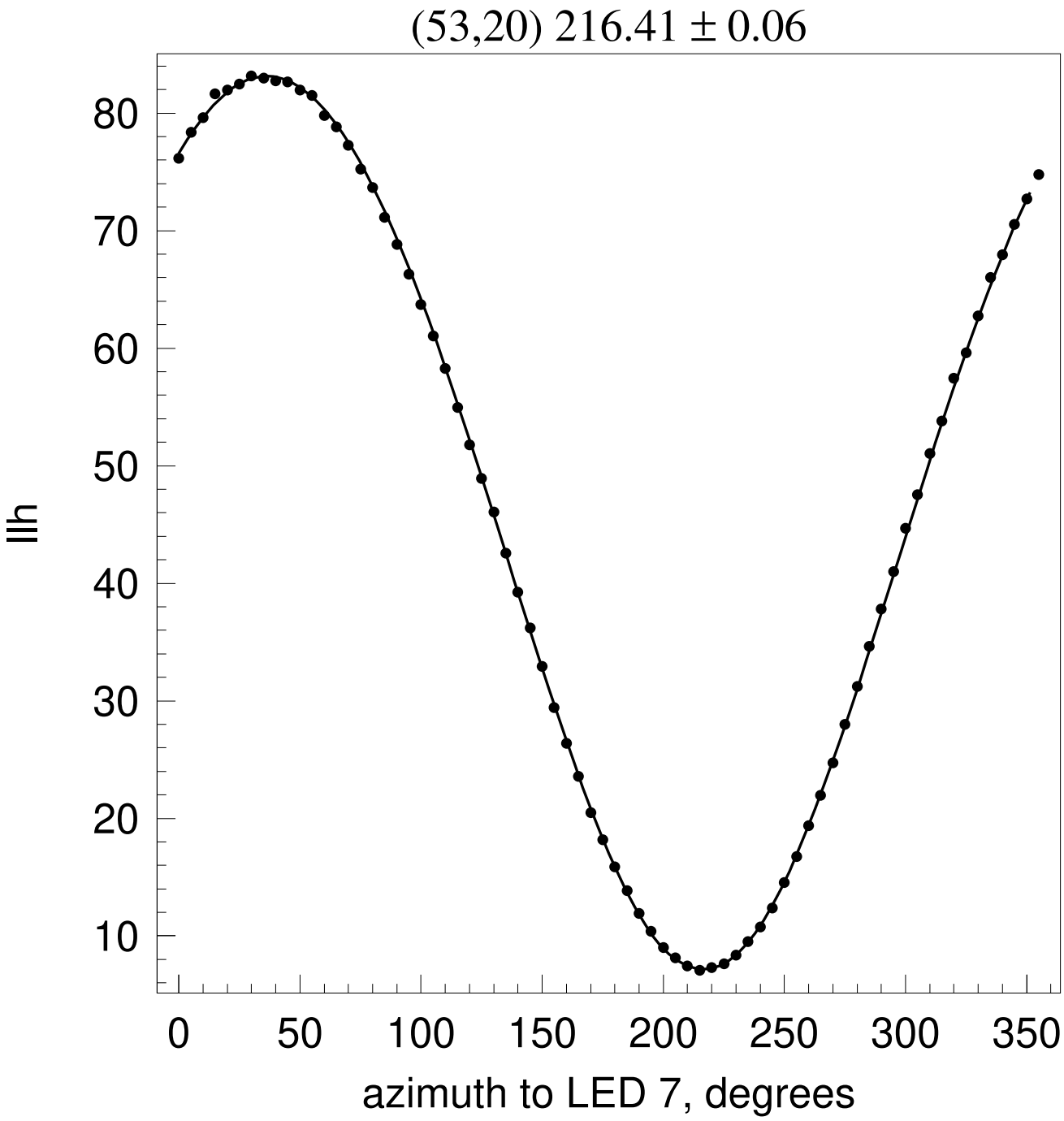

(53,13) 187.97 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

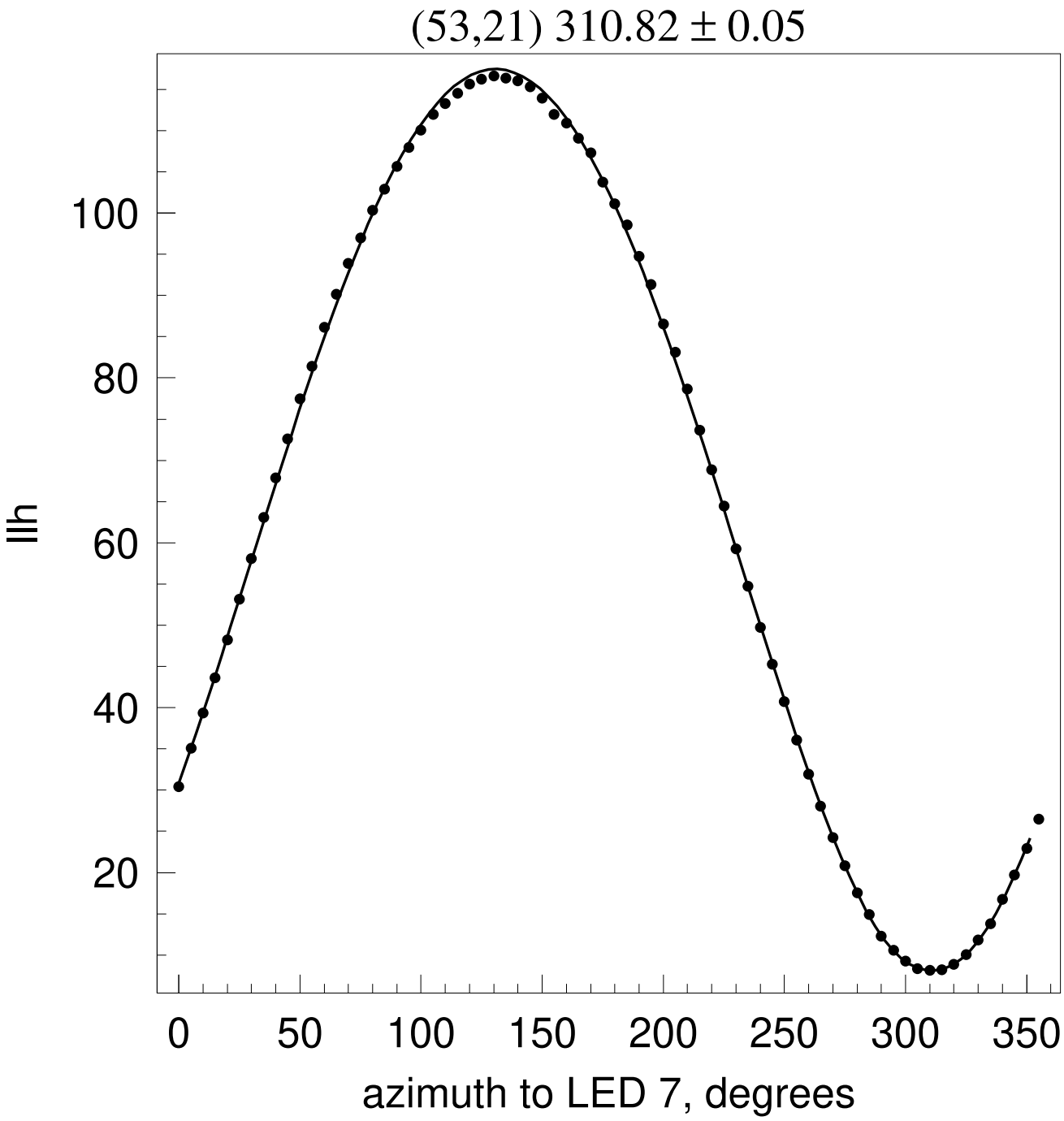

(53,14) 0.22 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

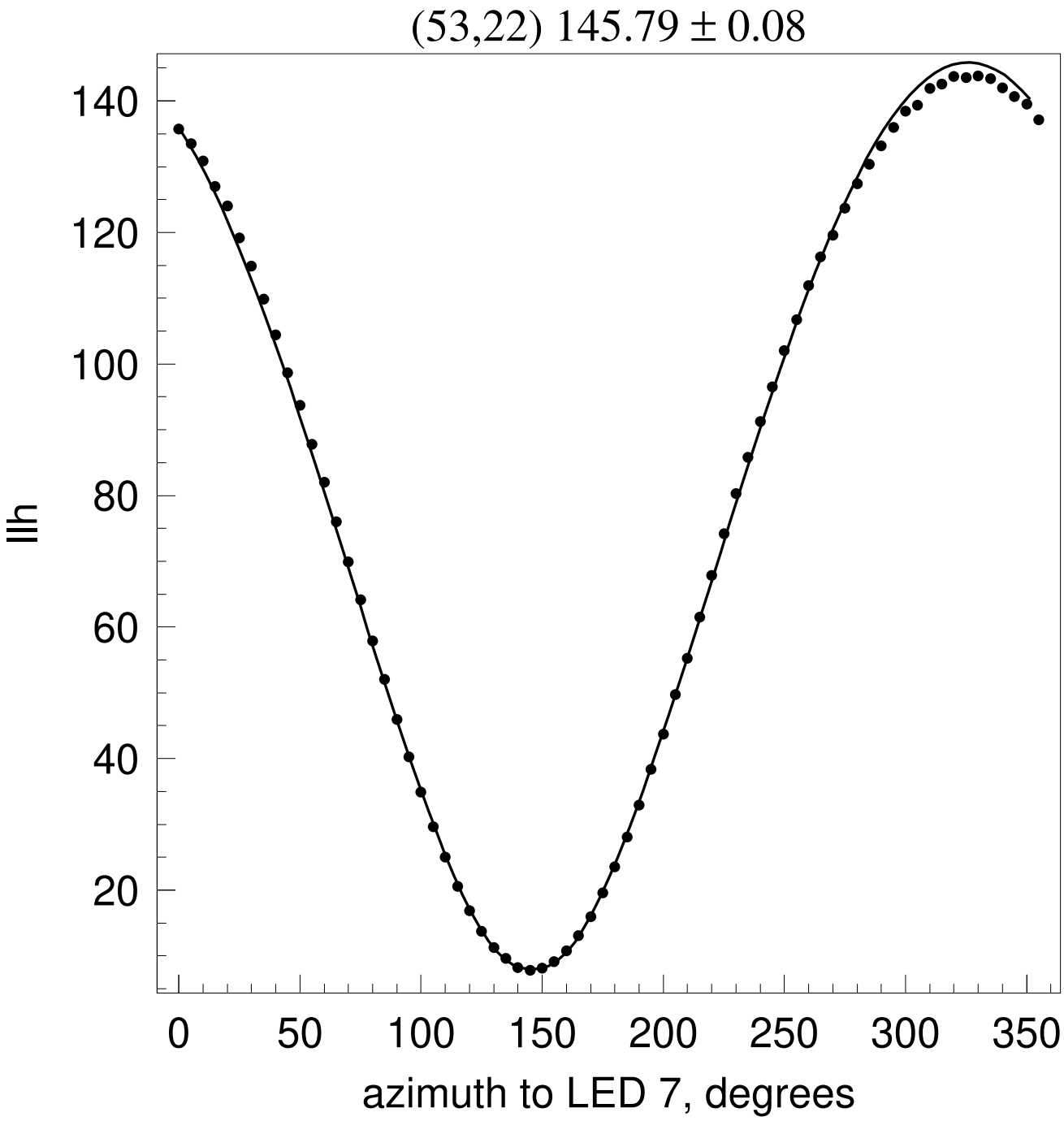

(53,15) 263.99 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

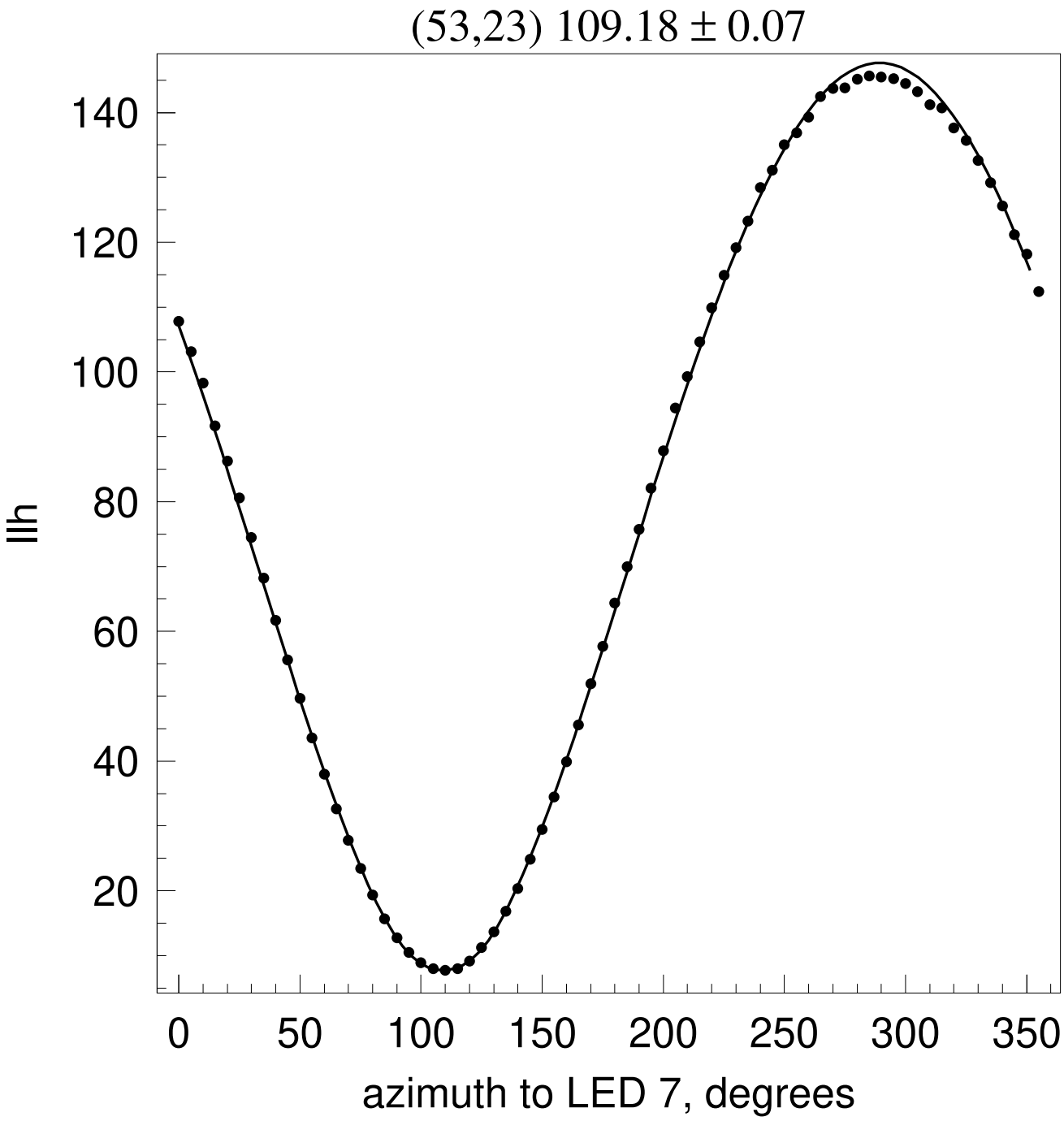

(53,16) 4.23 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

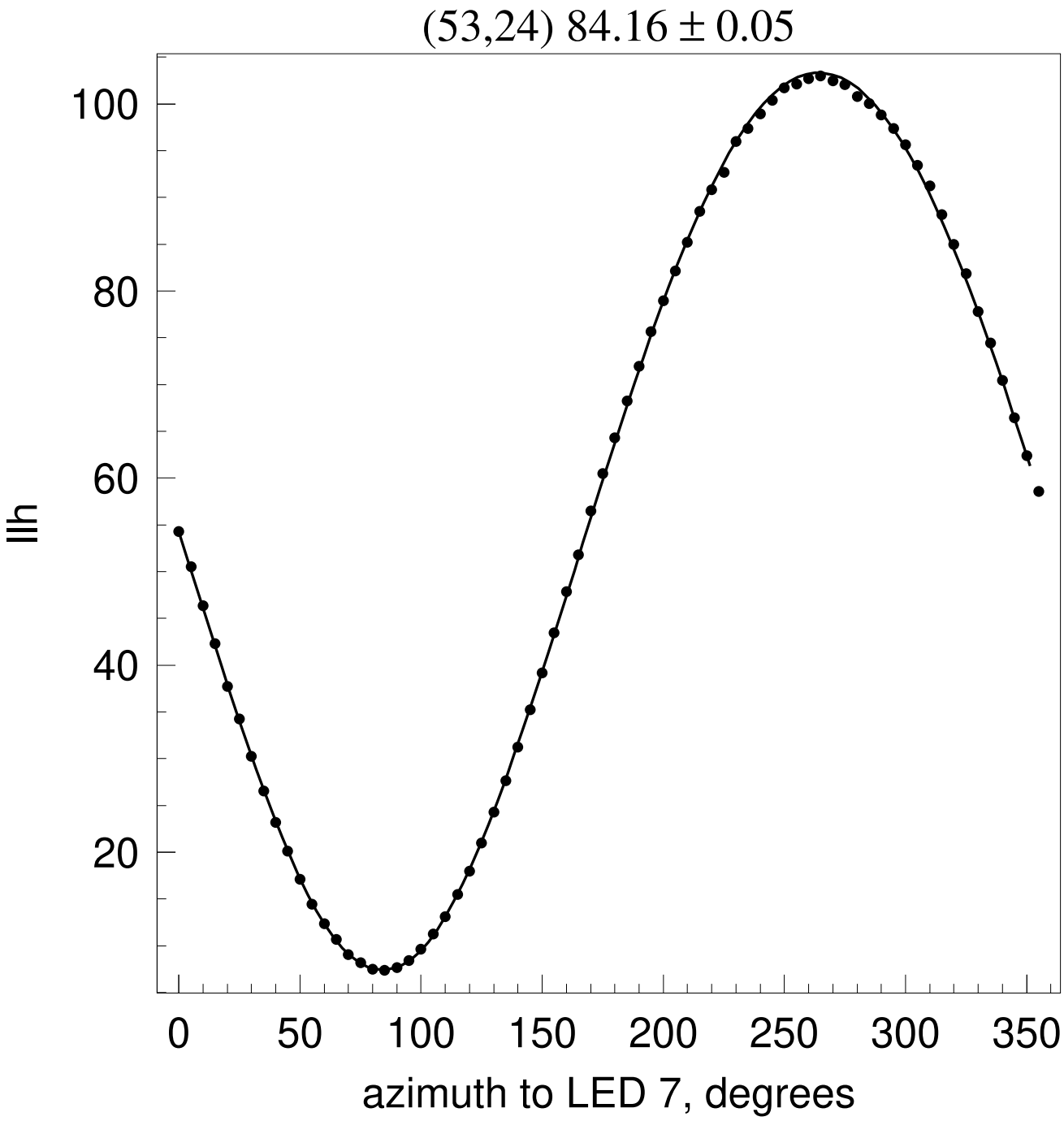

(53,19) 20.27 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

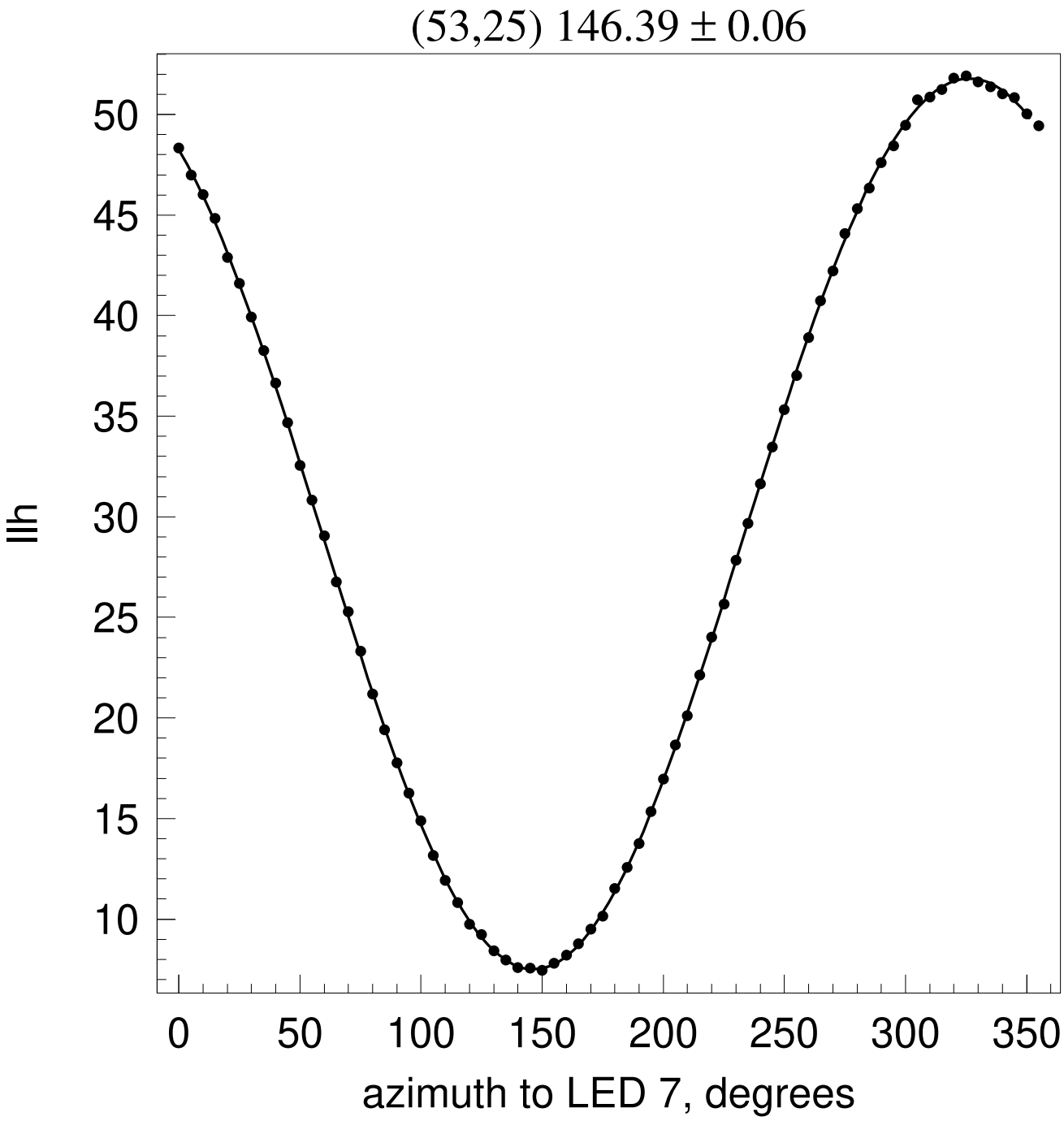

(53,20) 216.41 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

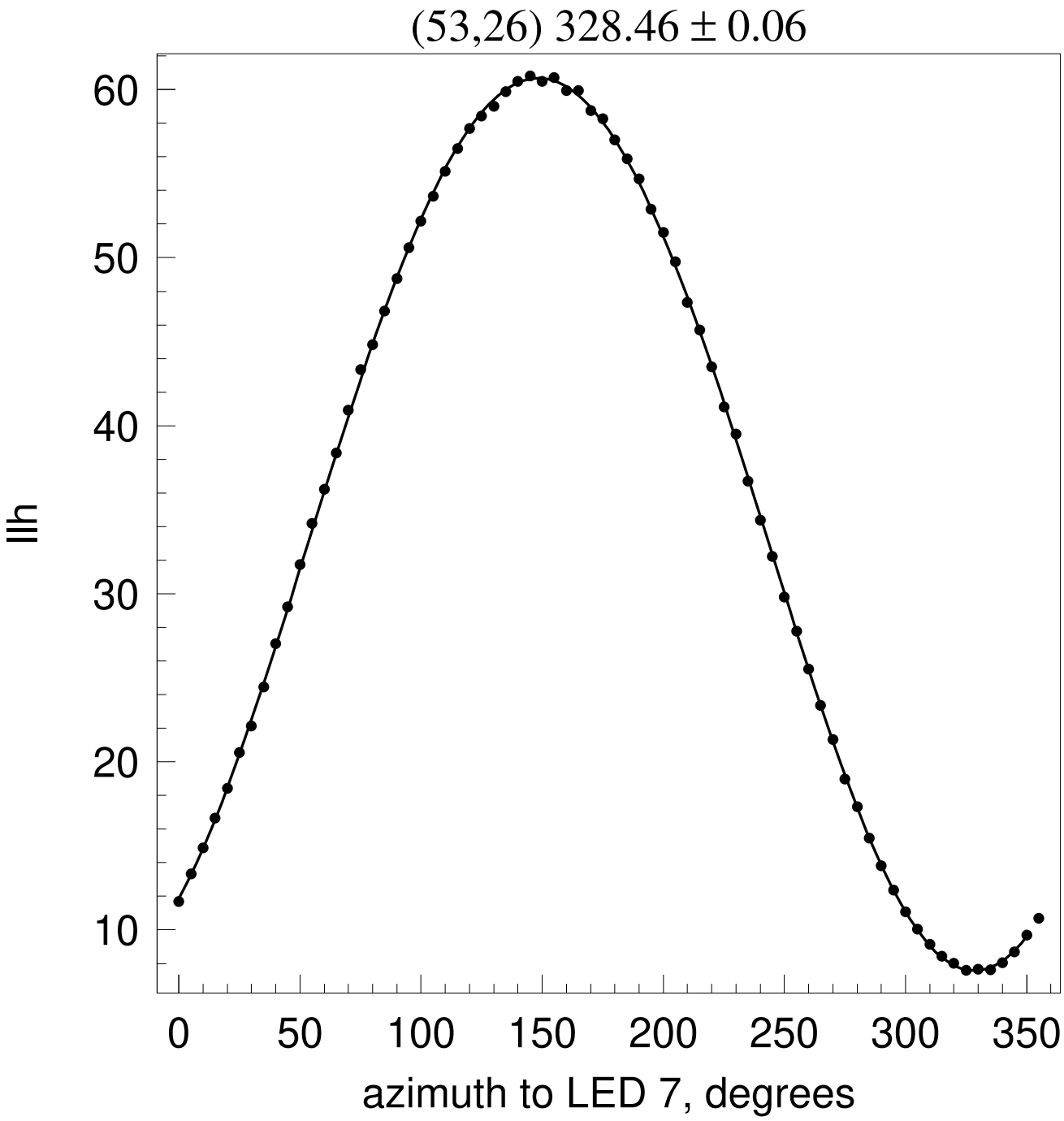

(53,21) 310.82 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

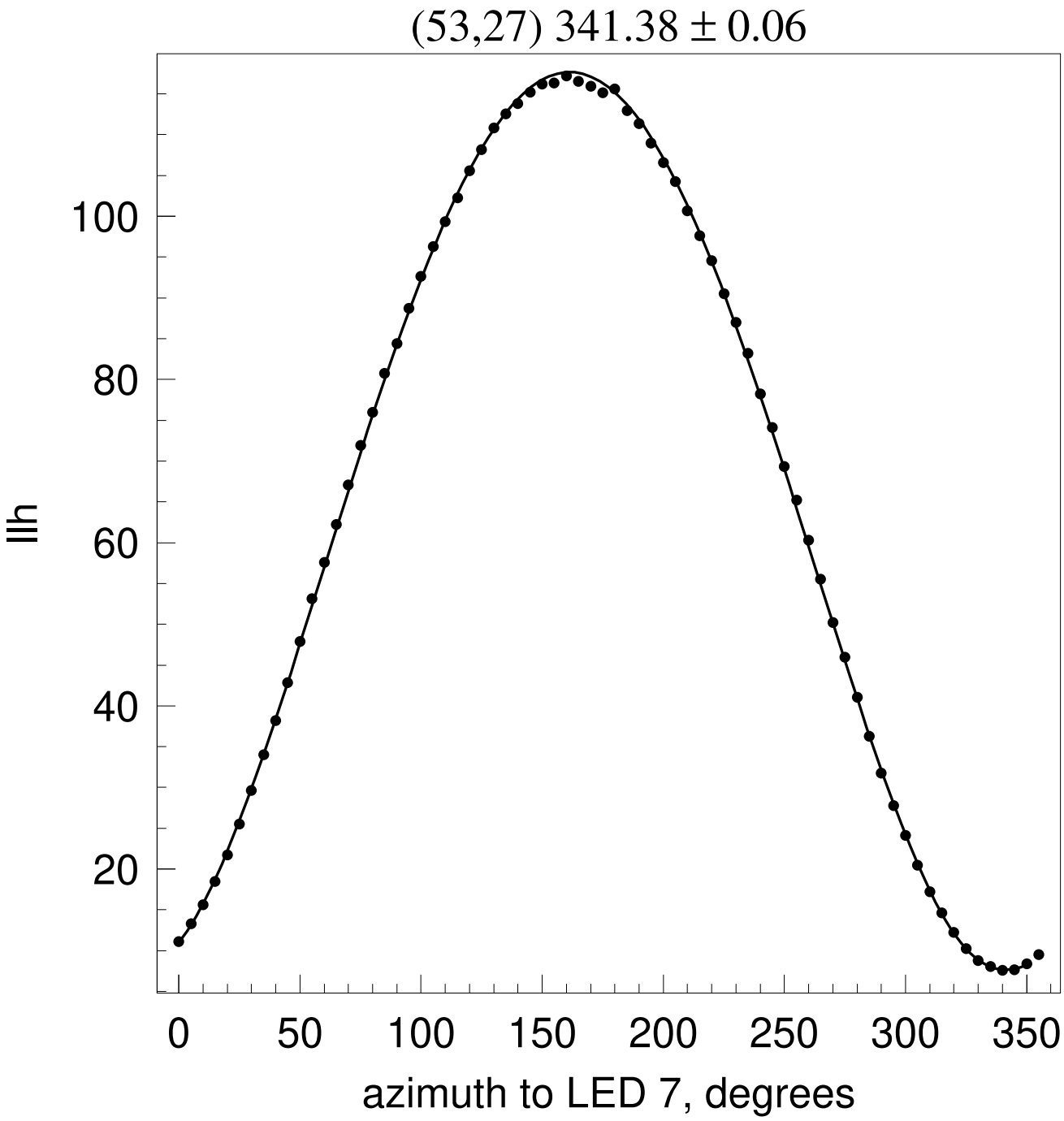

(53,22) 145.79 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

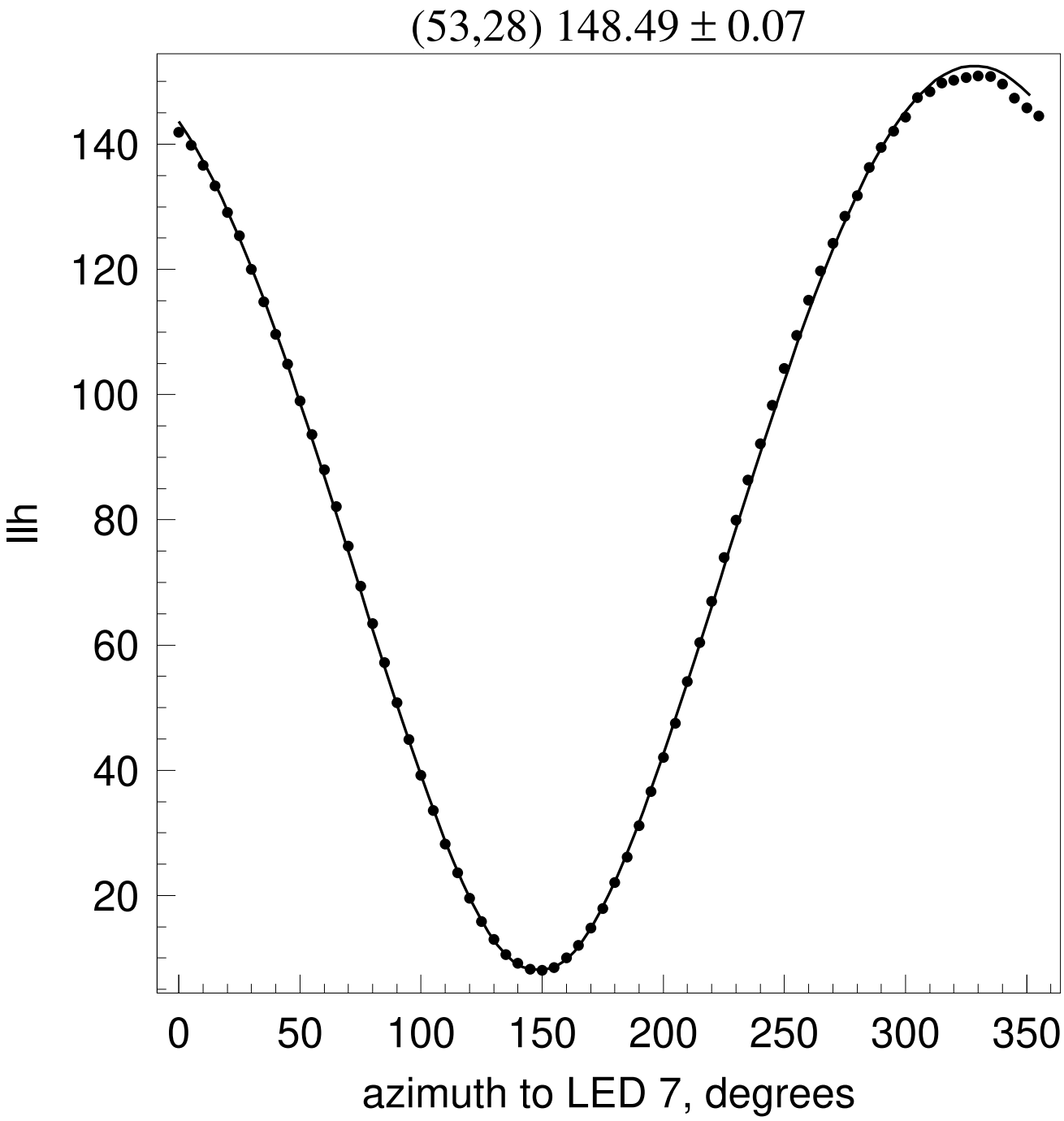

(53,23) 109.18 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

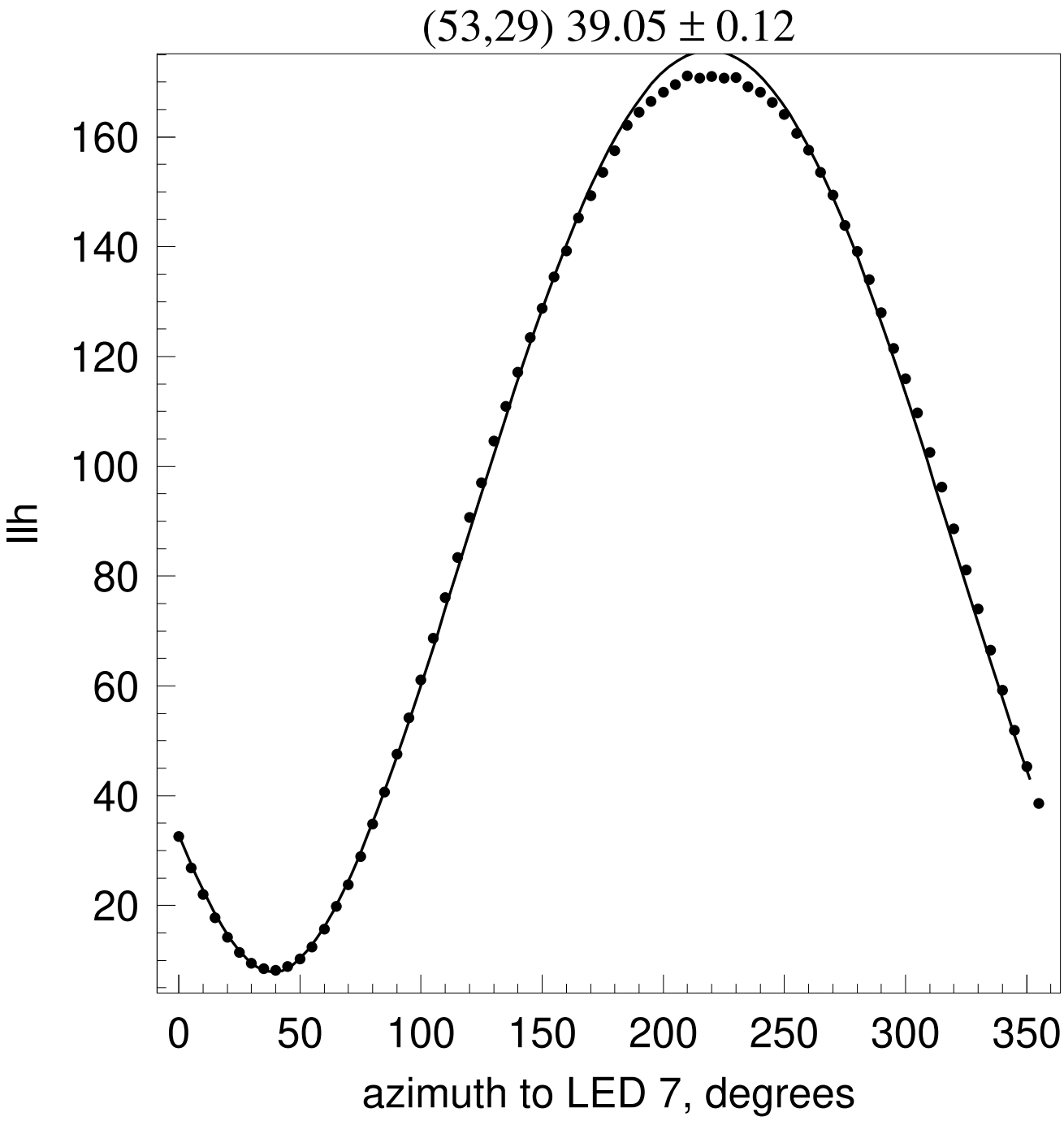

(53,24) 84.16 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

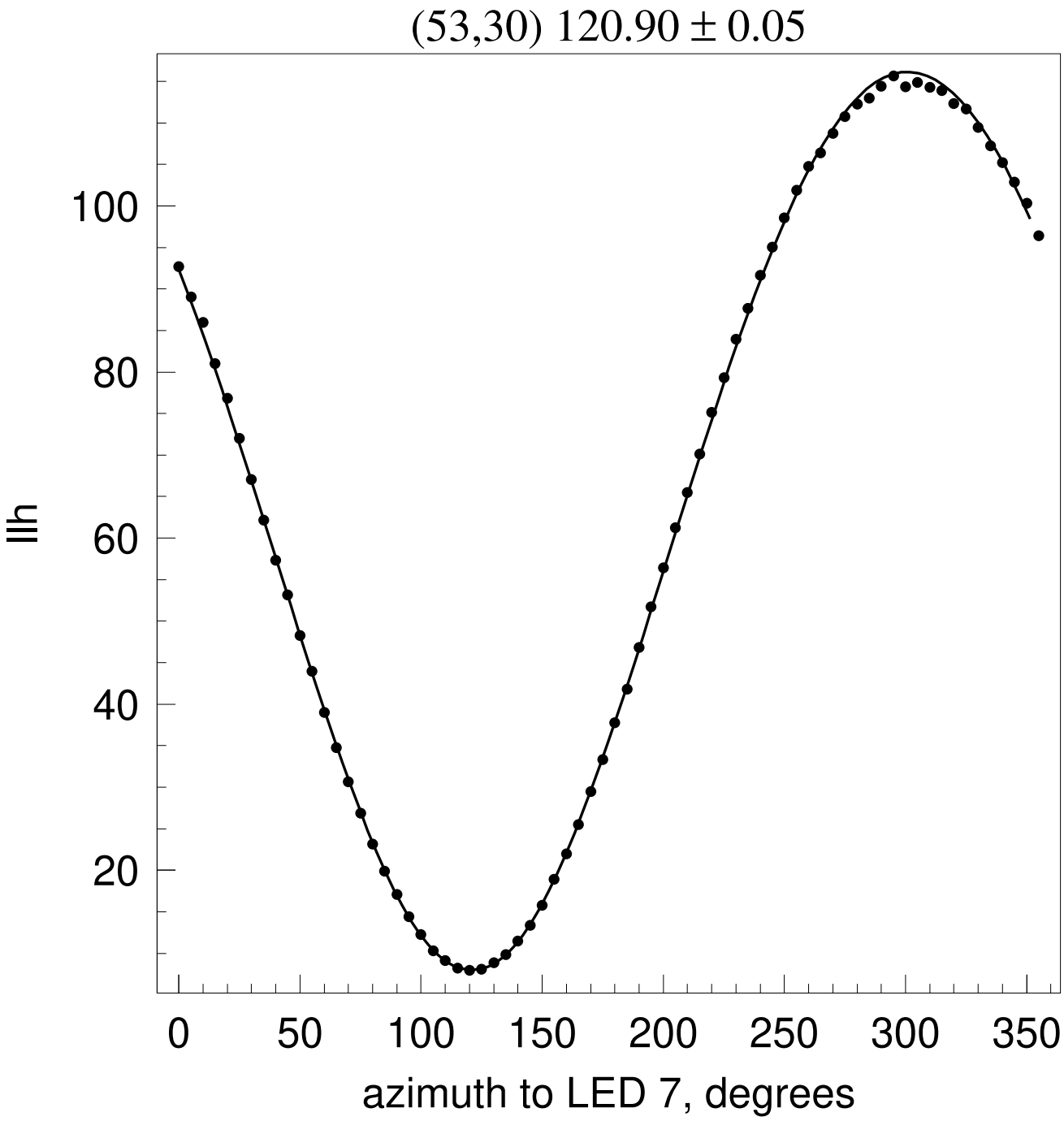

(53,25) 146.39 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

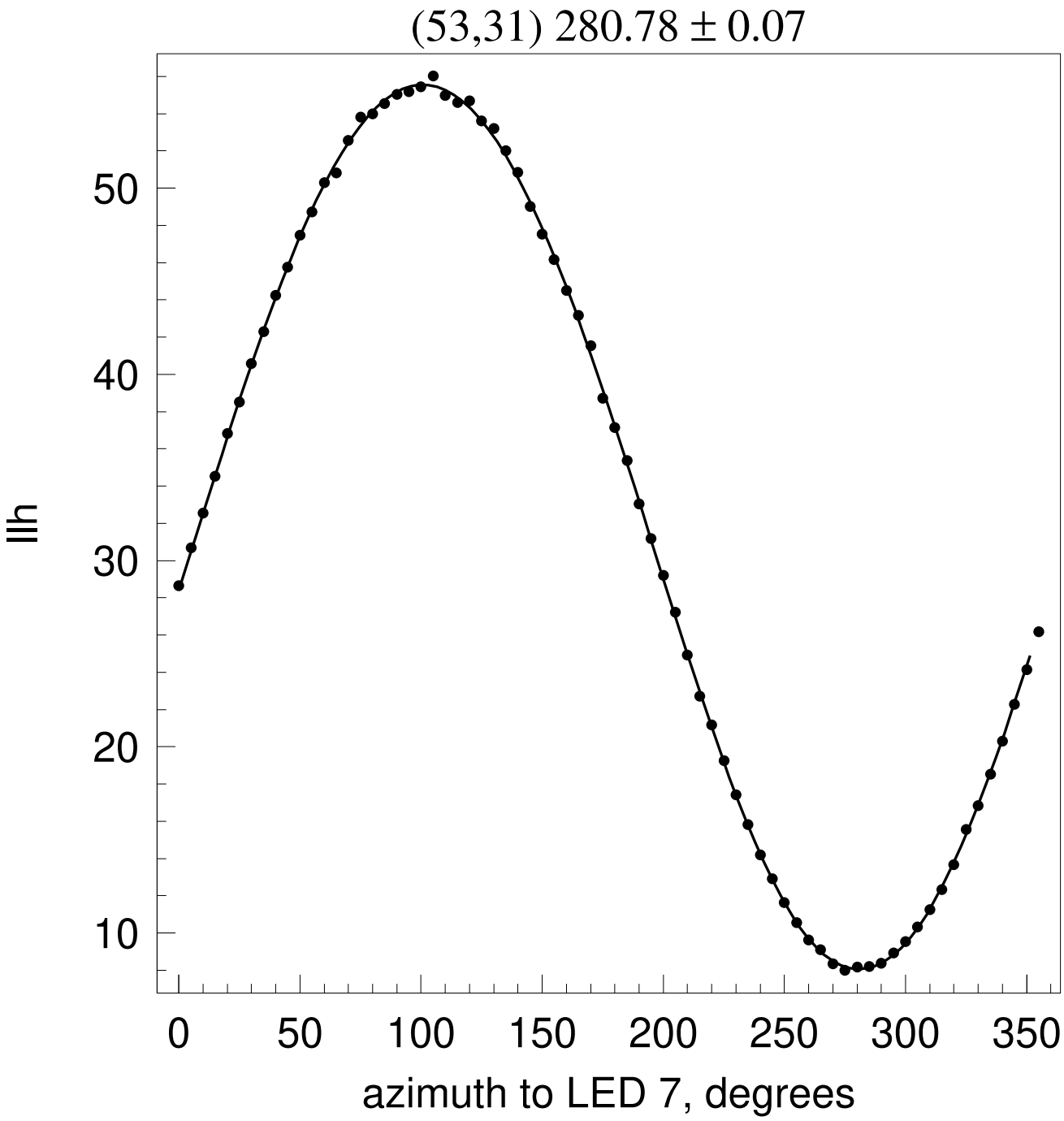

(53,26) 328.46 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

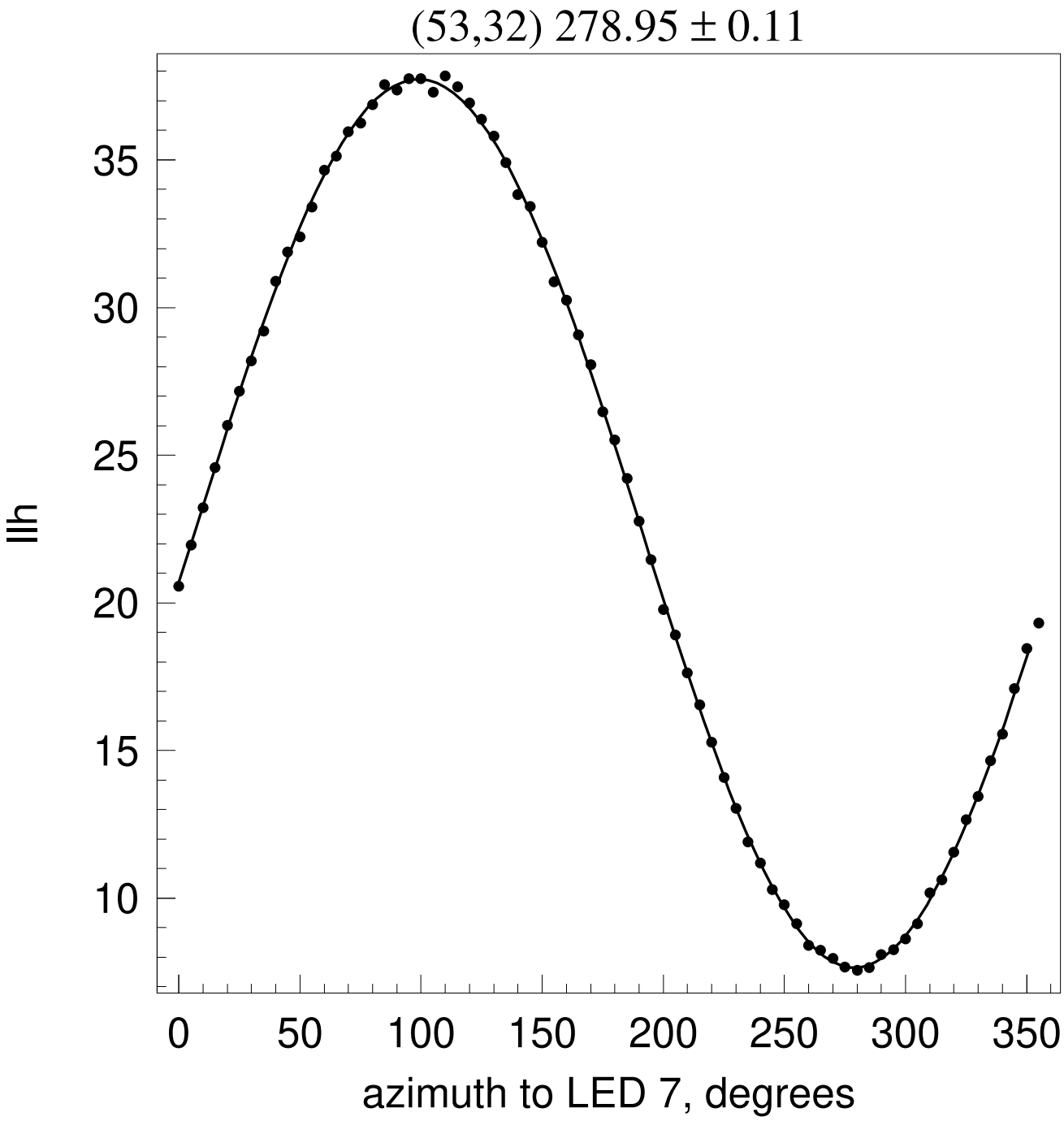

(53,27) 341.38 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

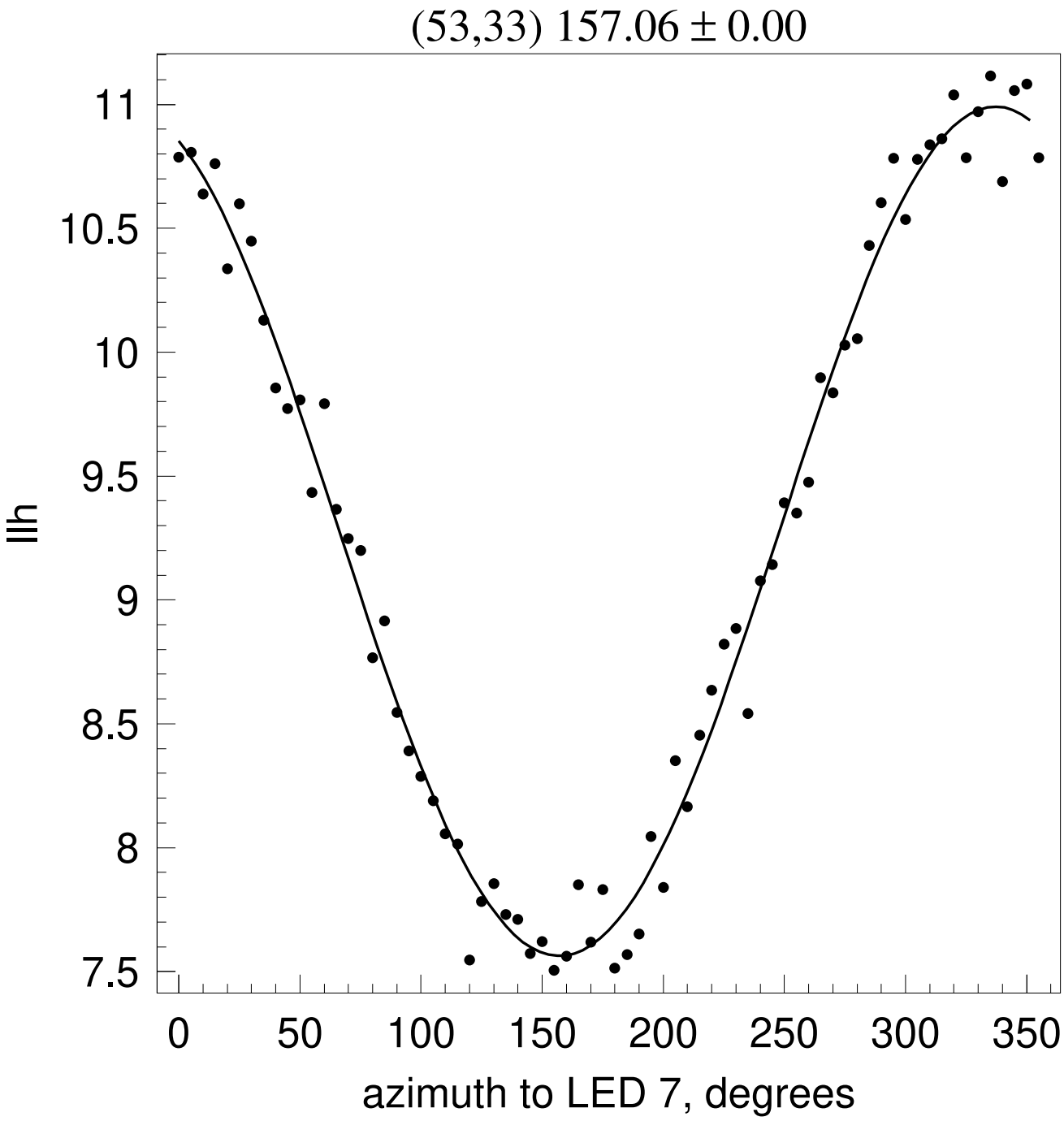

(53,28) 148.49 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

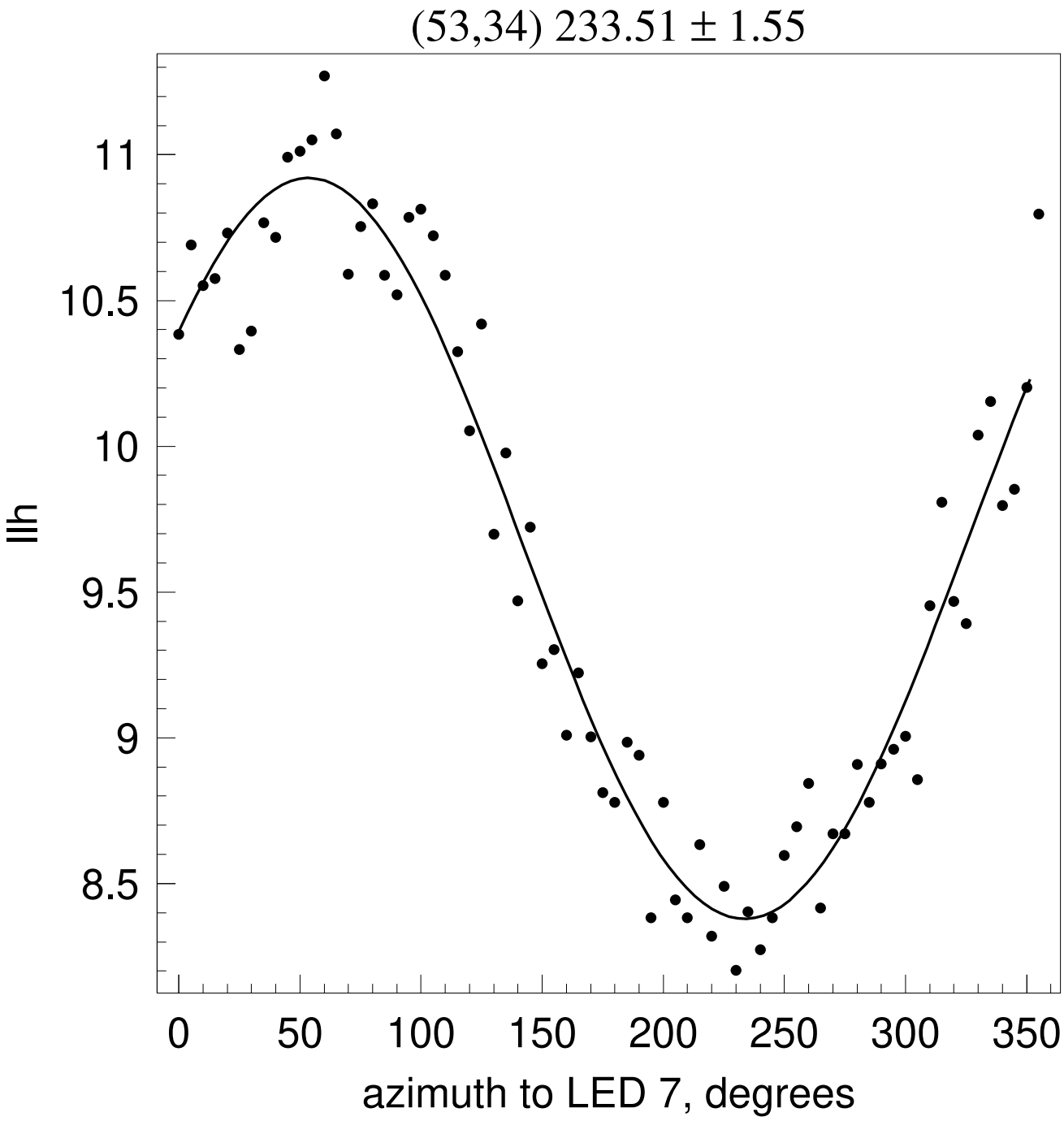

(53,29) 39.05 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

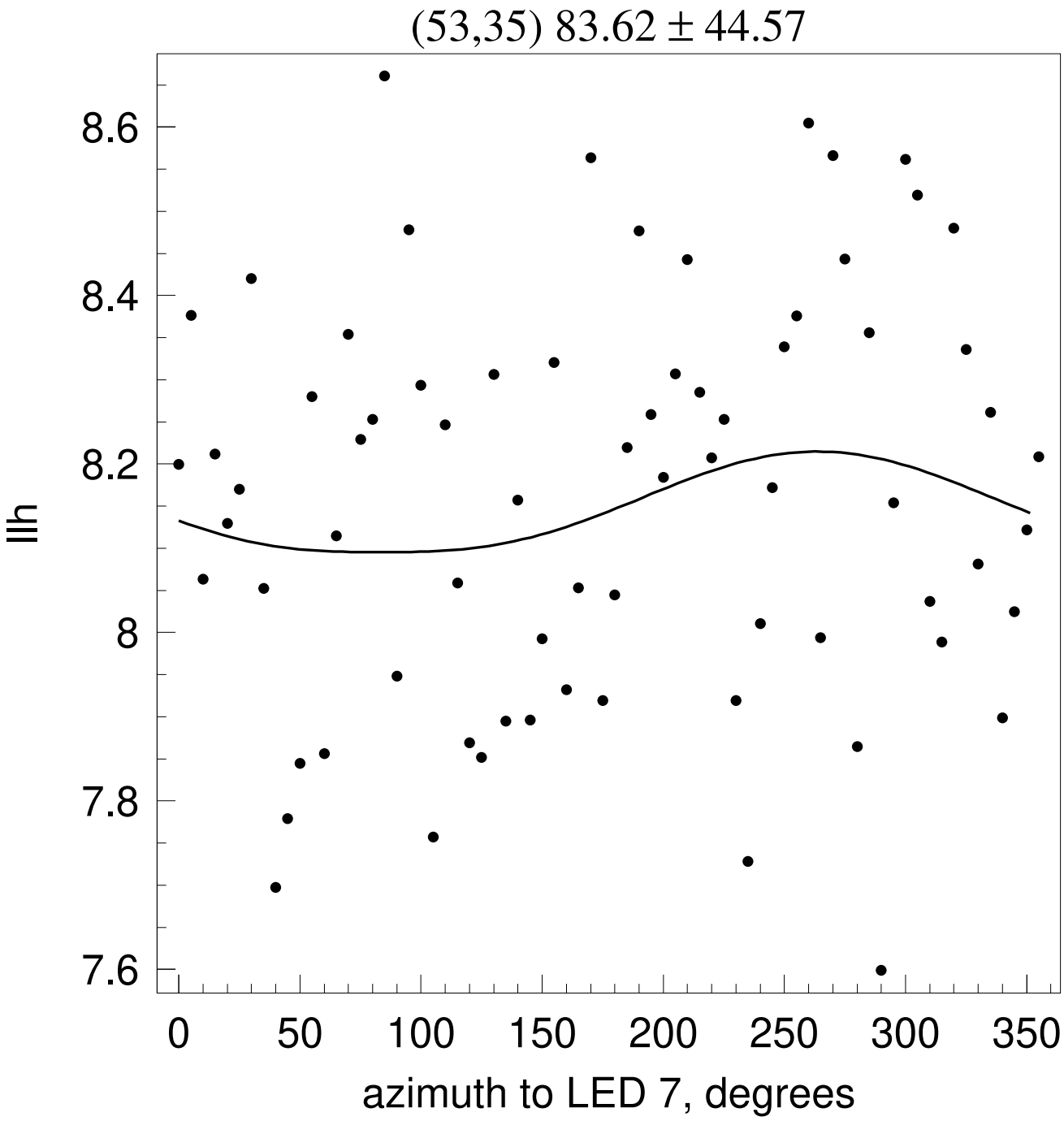

(53,30) 120.90 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

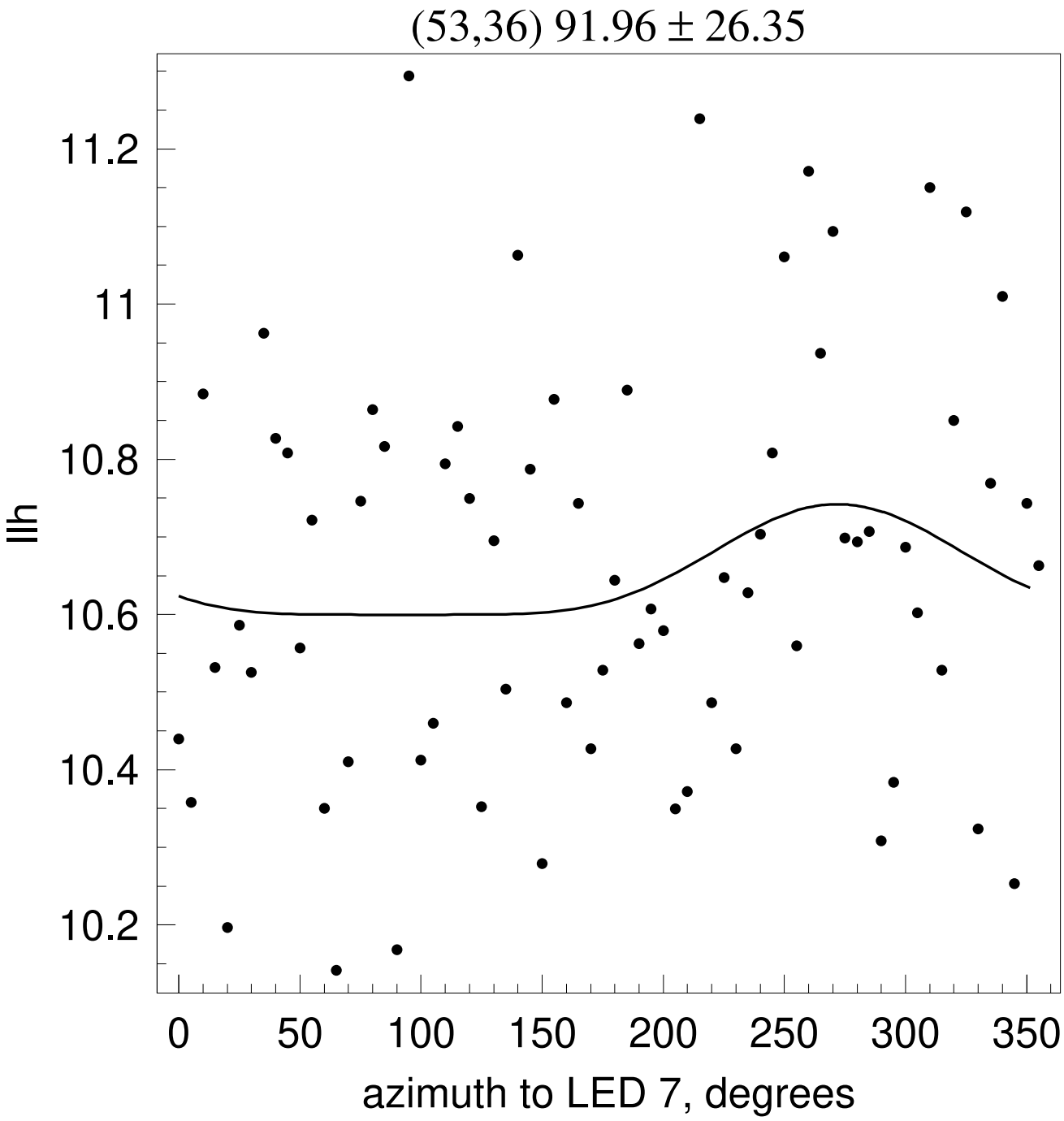

(53,31) 280.78 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

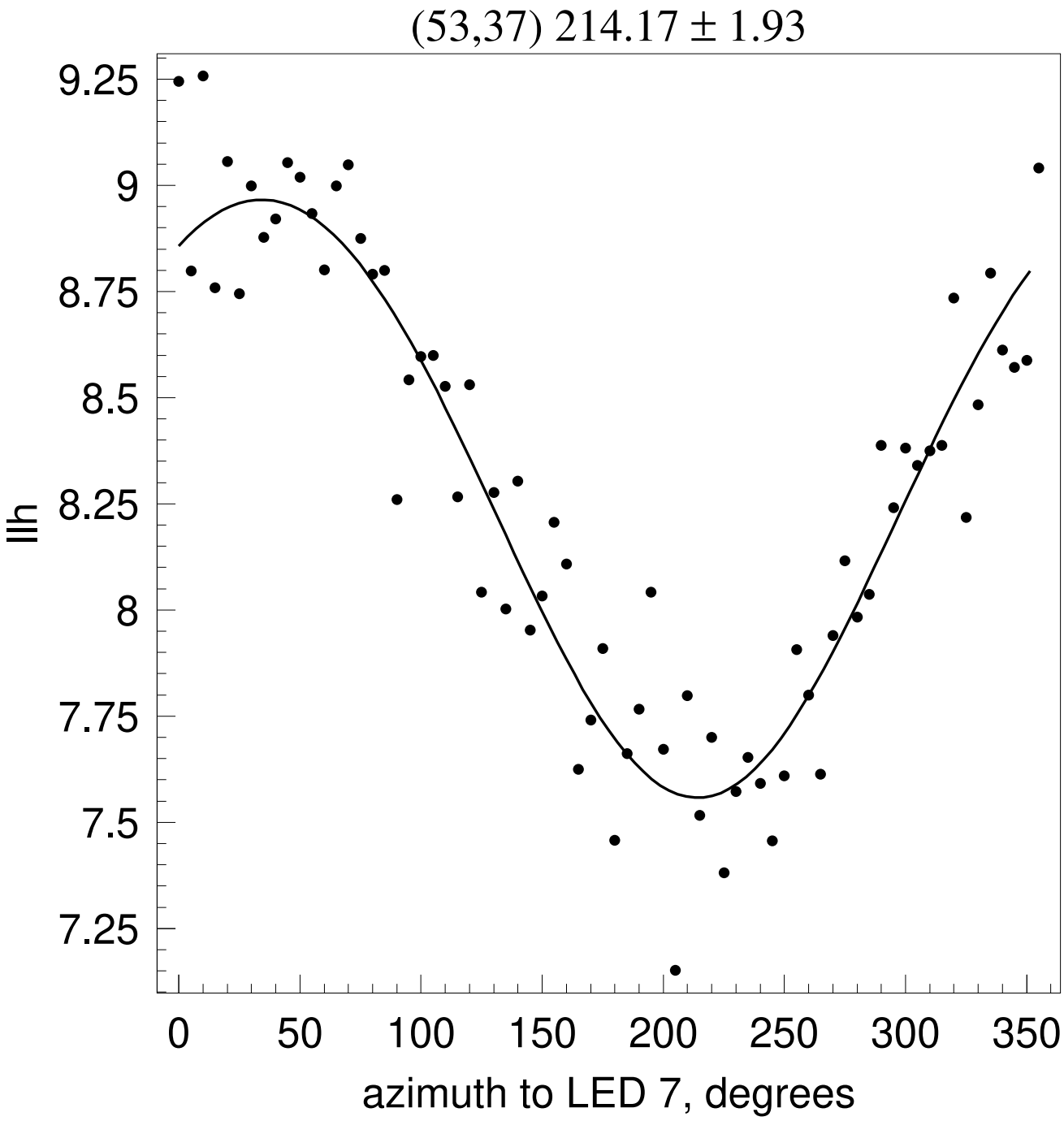

(53,32) 278.95 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

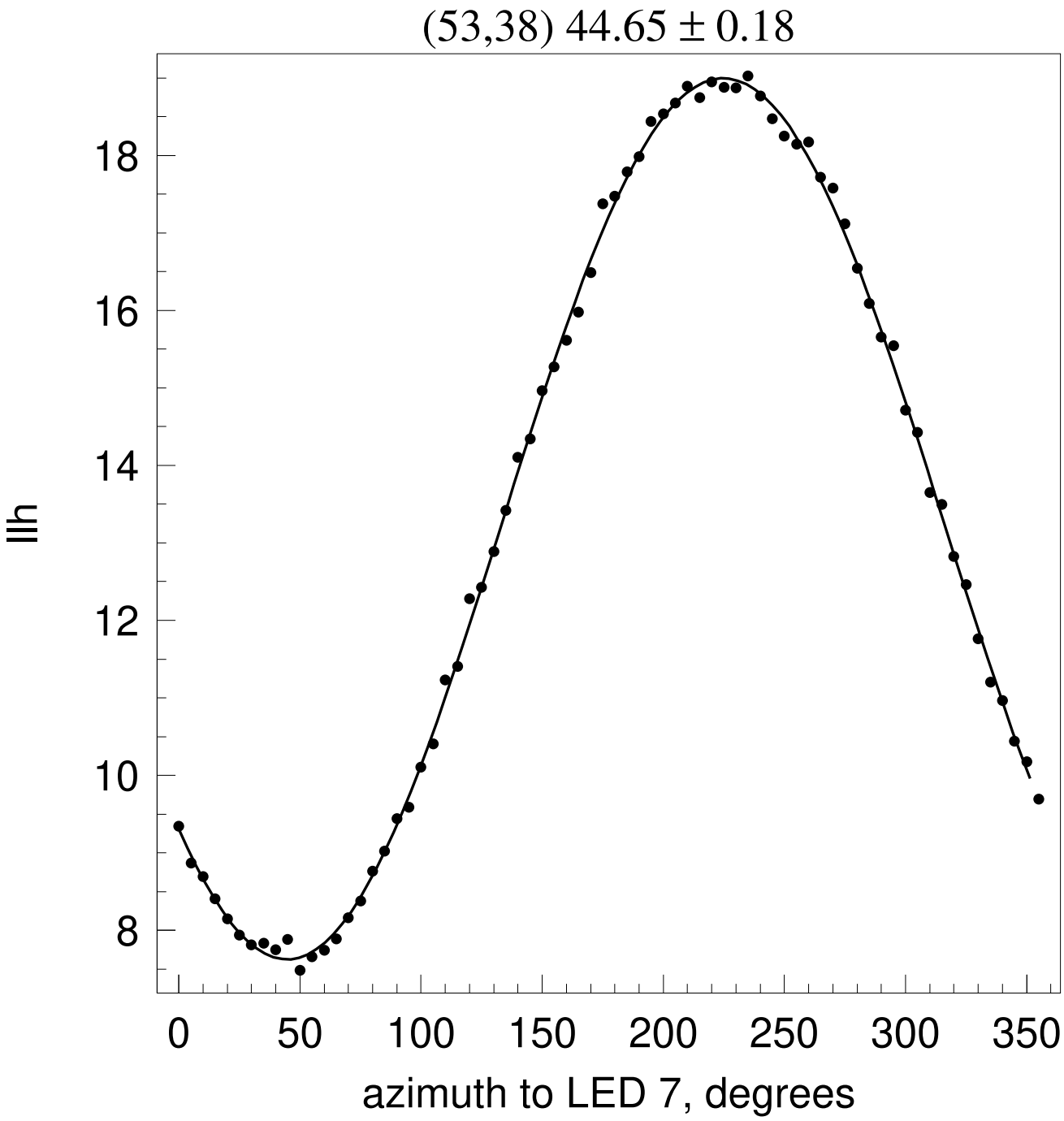

(53,33) 157.06 ± 0.00
11
10.5
10
9.5
9
8.5
8
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

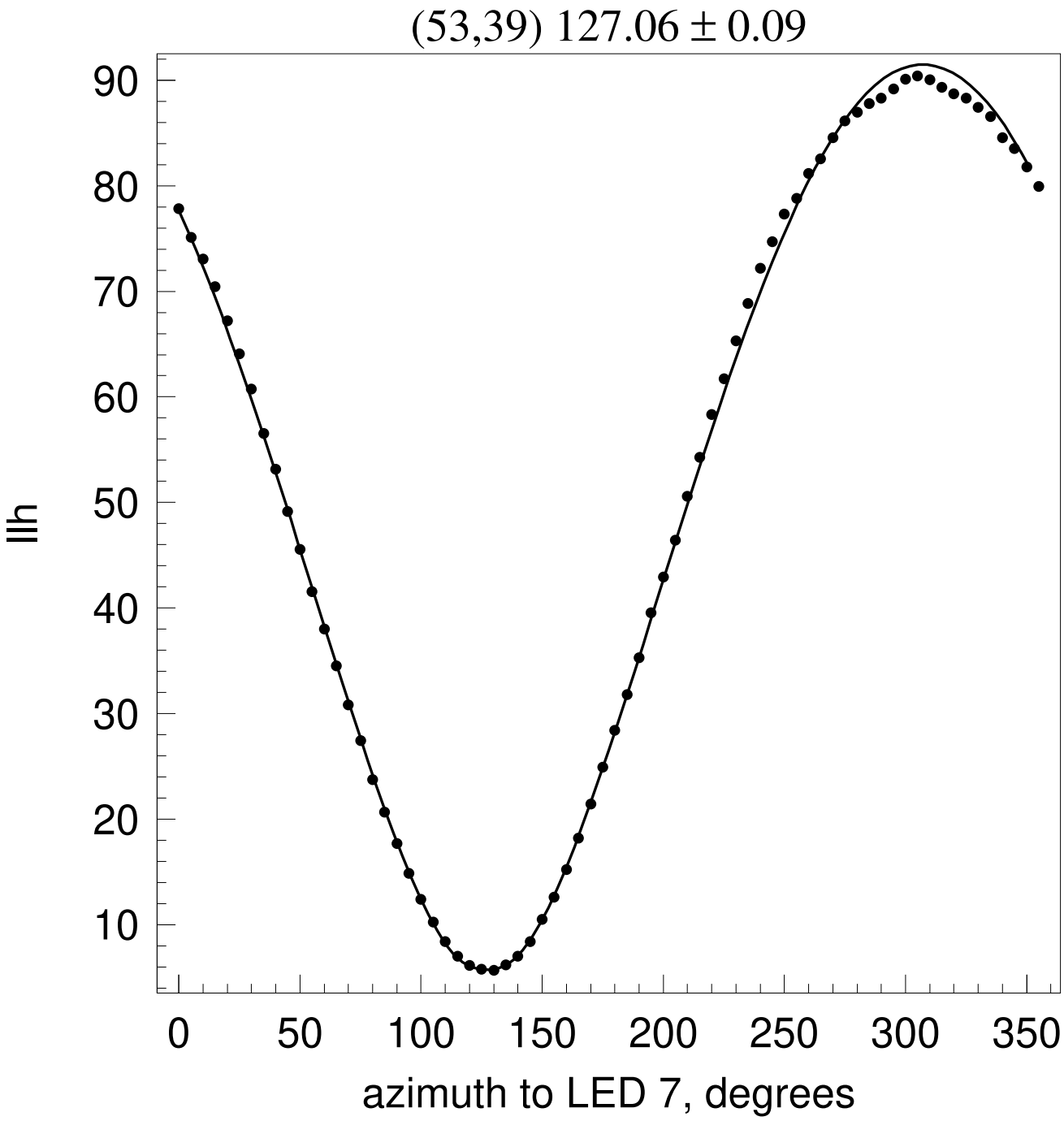

(53,34) 233.51 ± 1.55
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

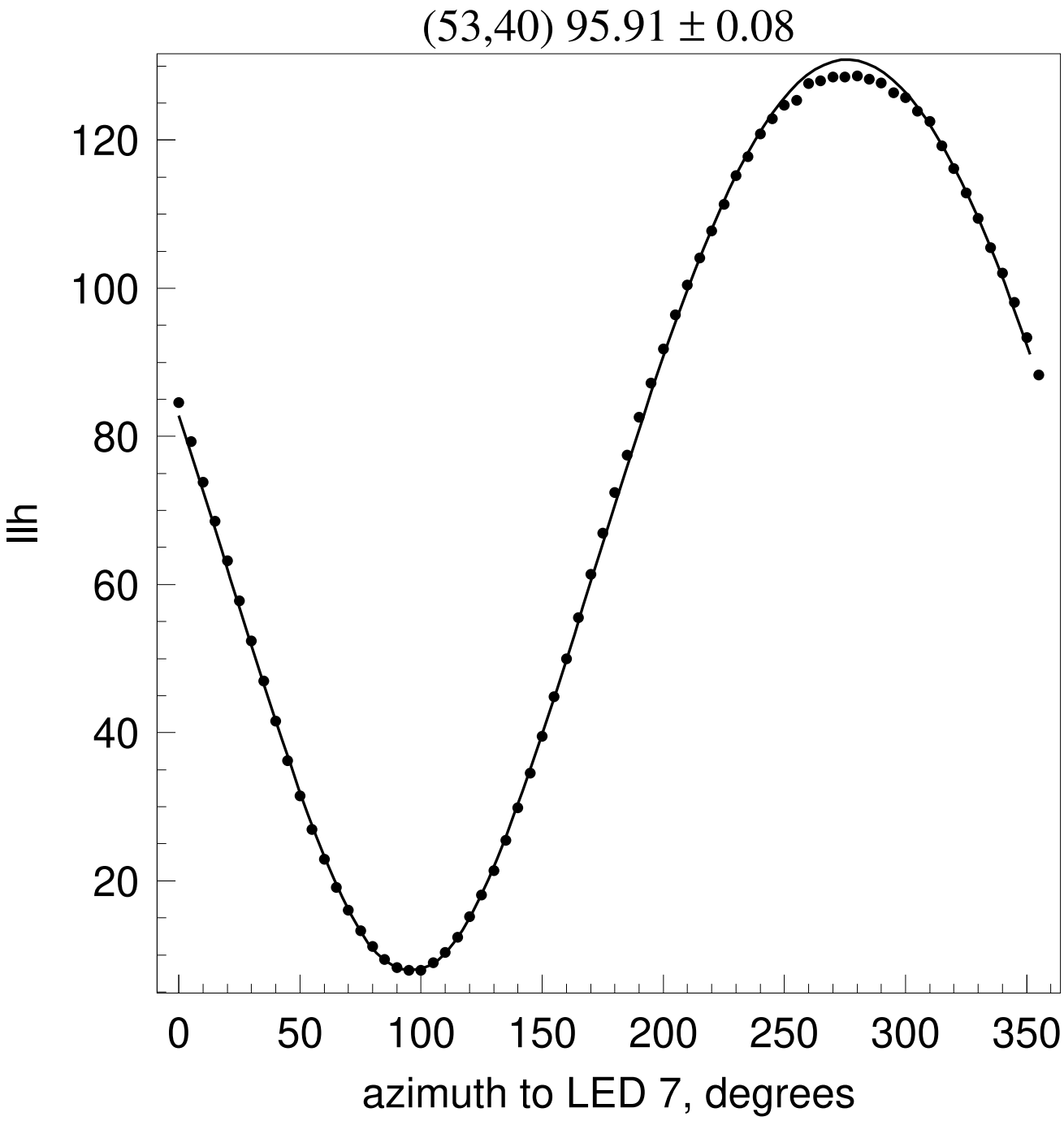

(53,35) 83.62 ± 44.57
8.6
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

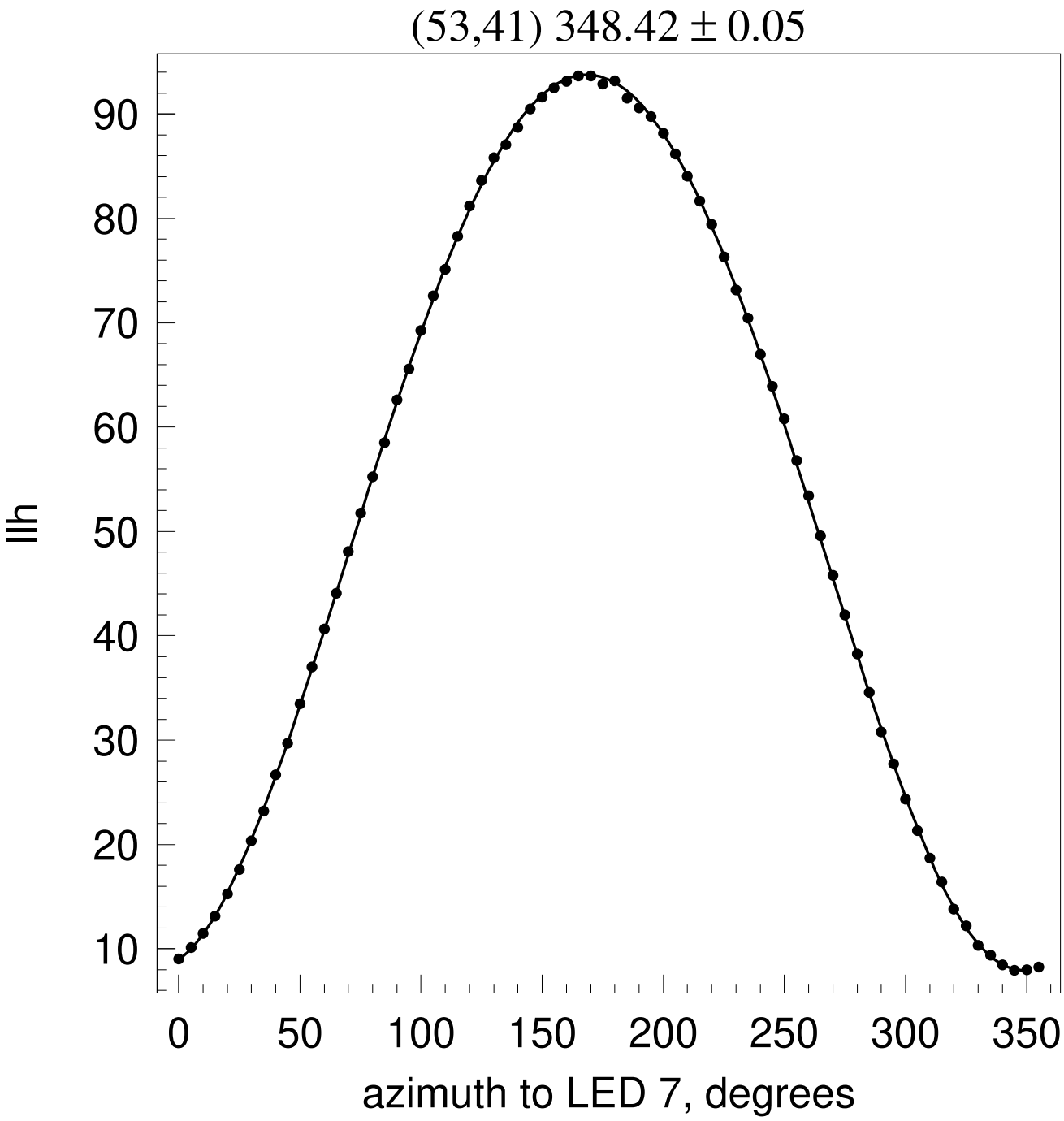

(53,36) 91.96 ± 26.35
11.2
11
10.8
10.6
10.4
10.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

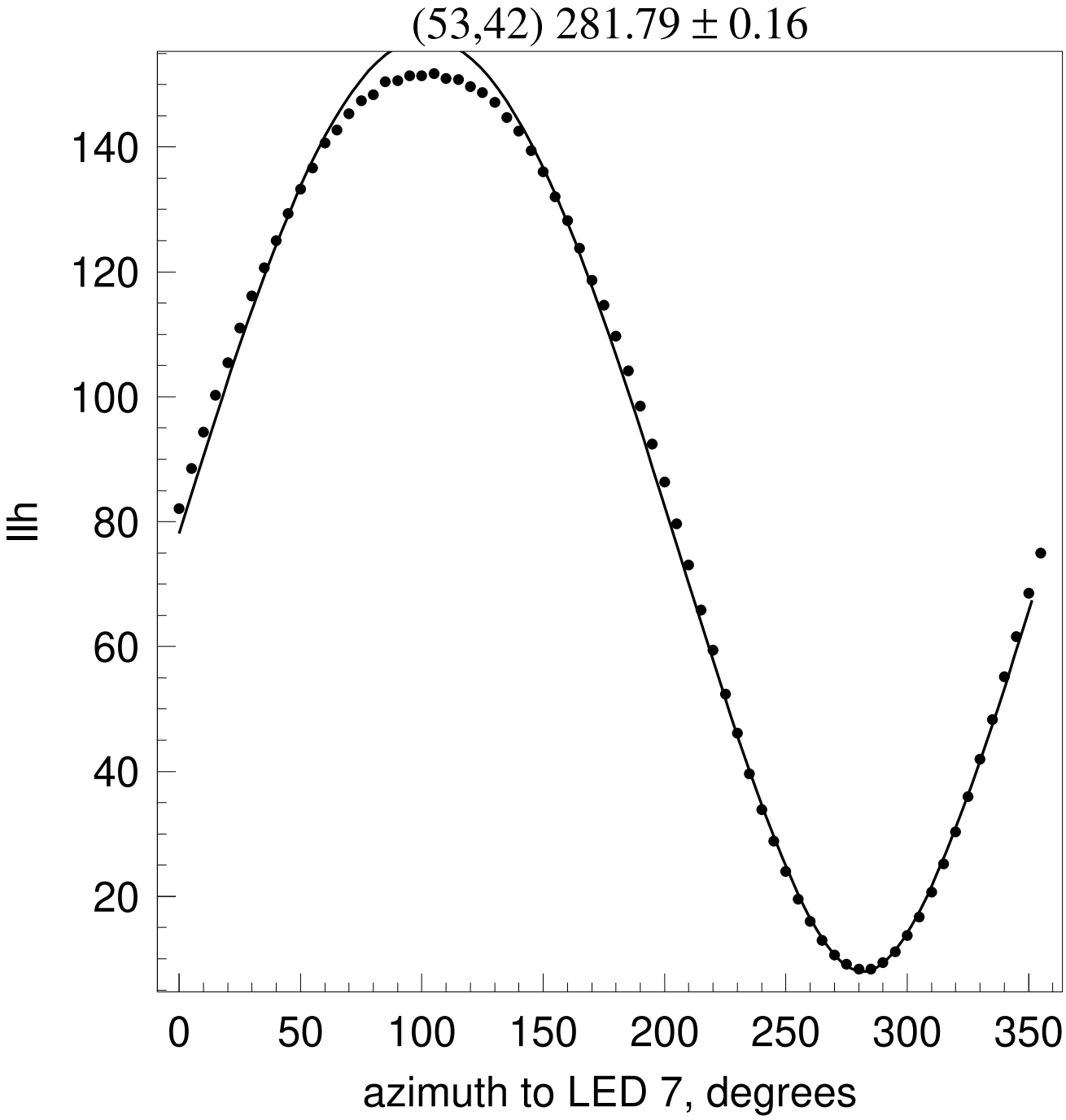

(53,37) 214.17 ± 1.93
9.25
9
8.75
8.5
8.25
8
7.75
7.5
7.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

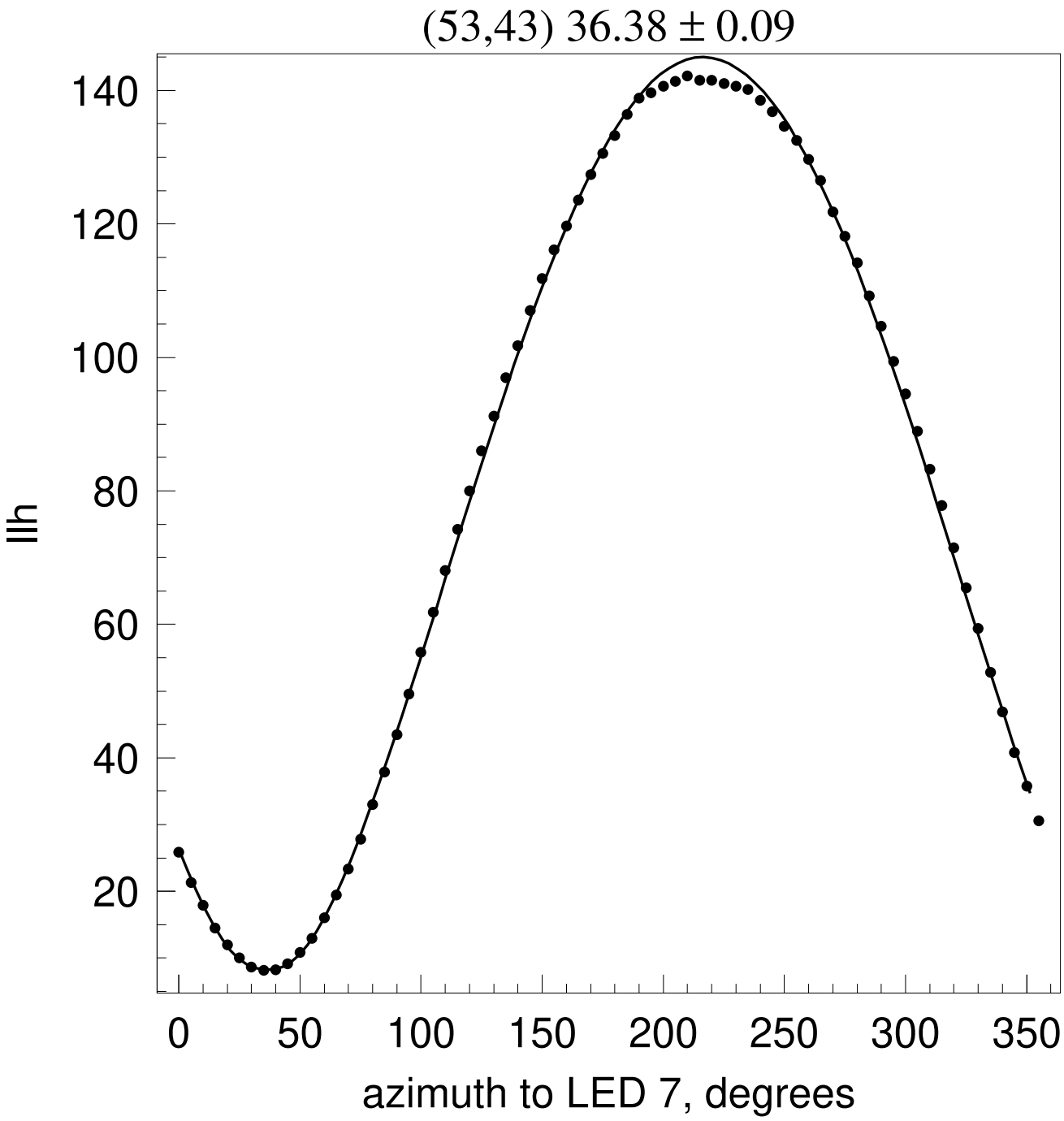

(53,38) 44.65 ± 0.18
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

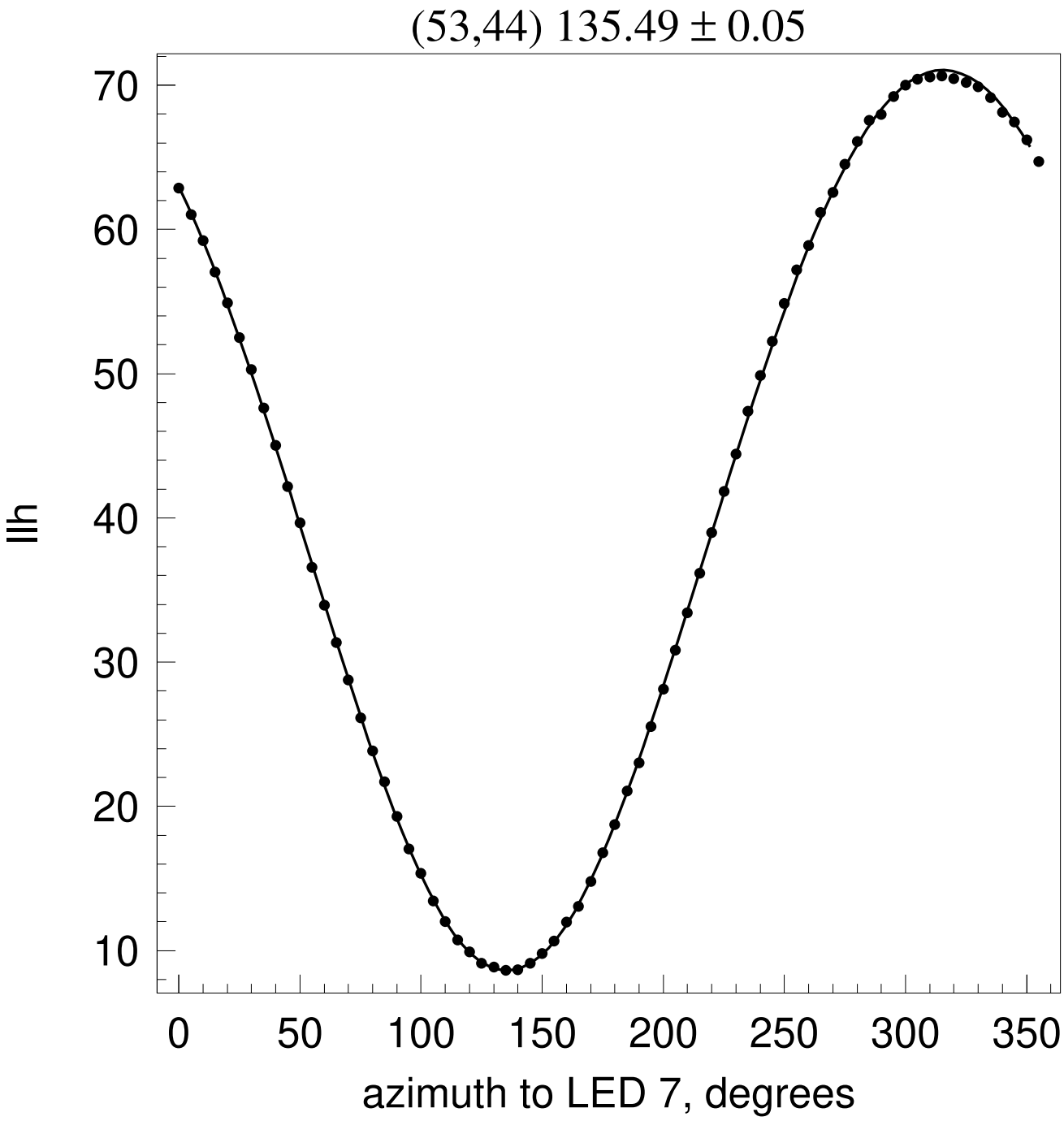

(53,39) 127.06 ± 0.09
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

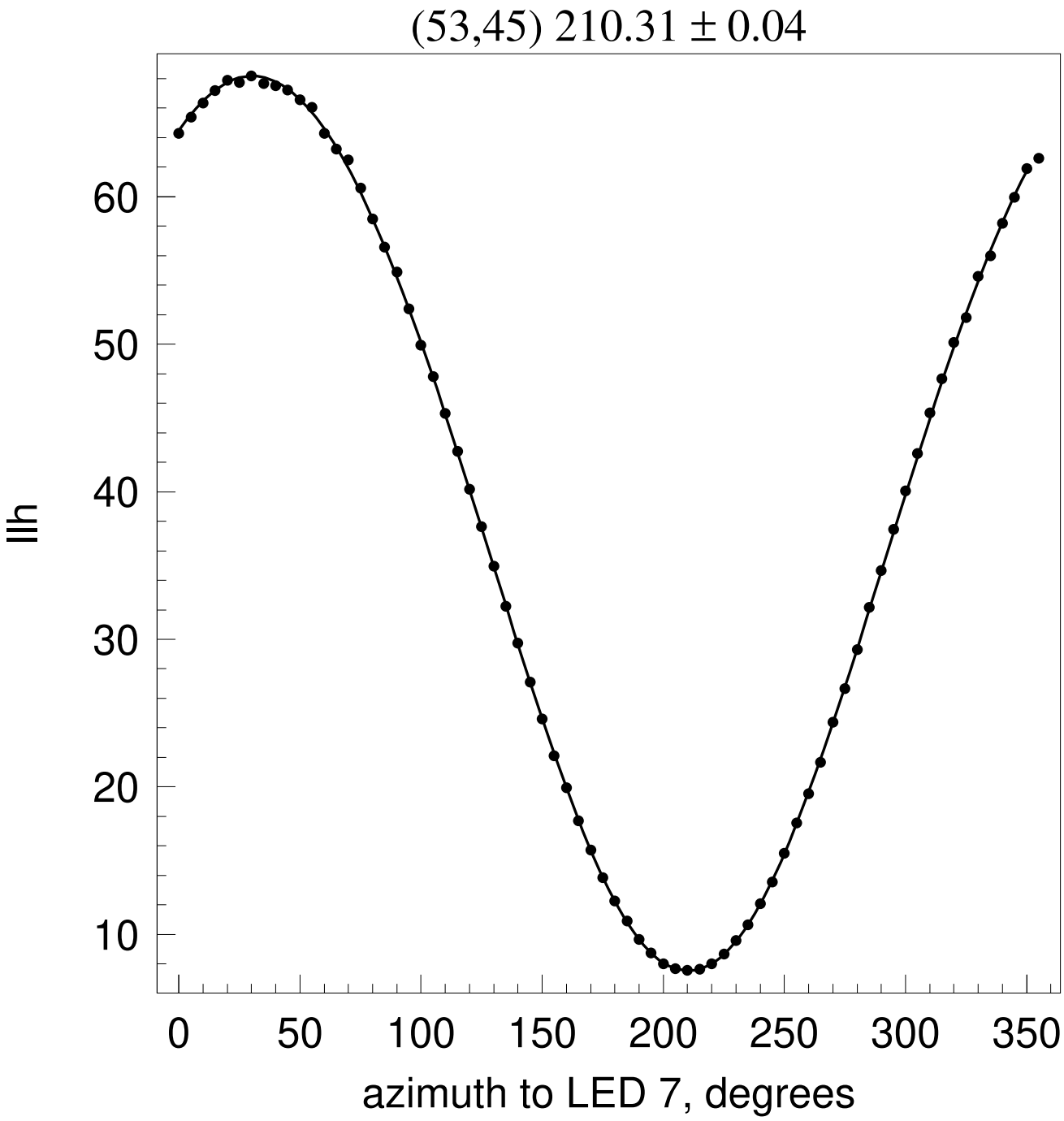

(53,40) 95.91 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

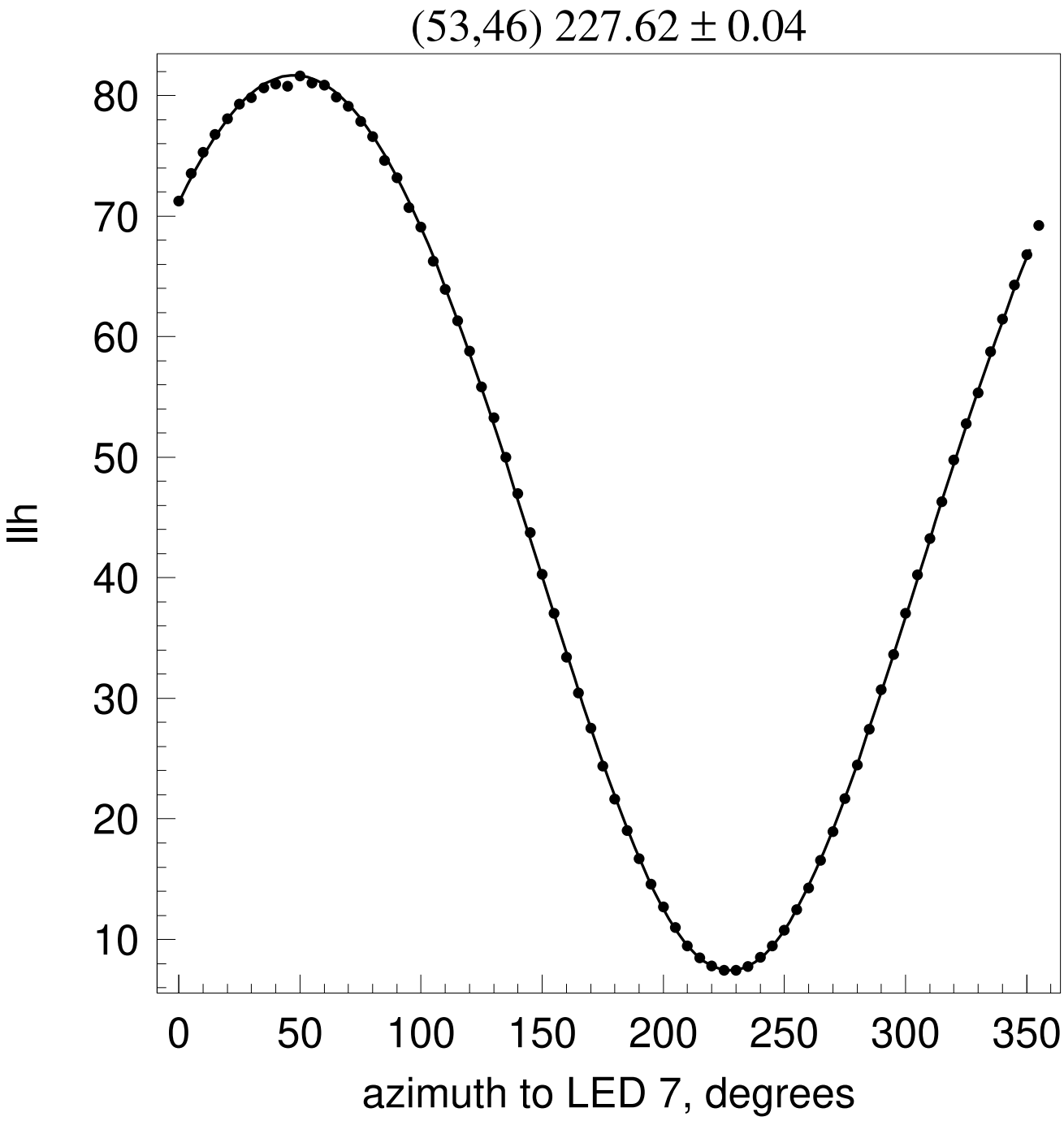

(53,41) 348.42 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

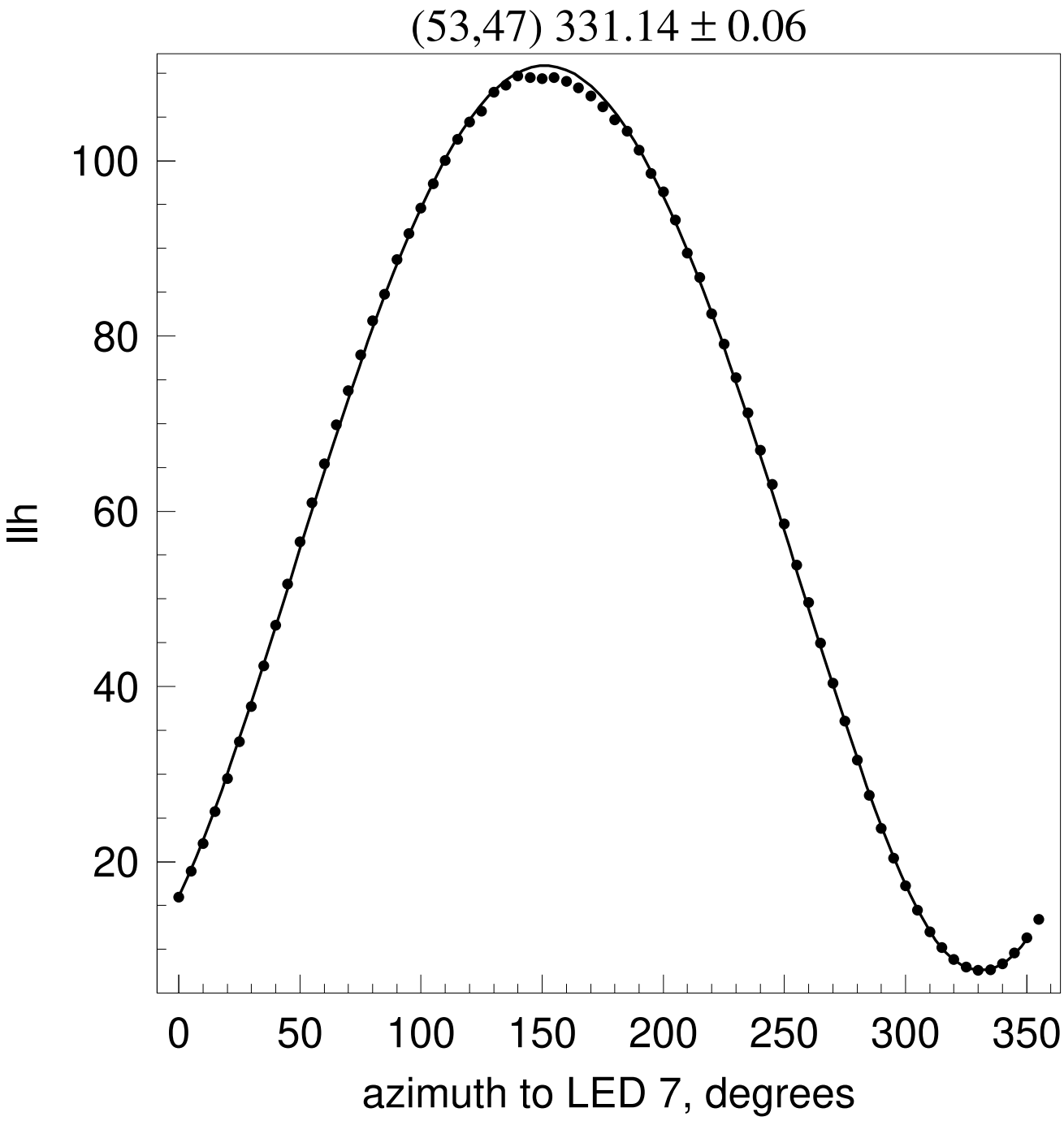

(53,42) 281.79 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

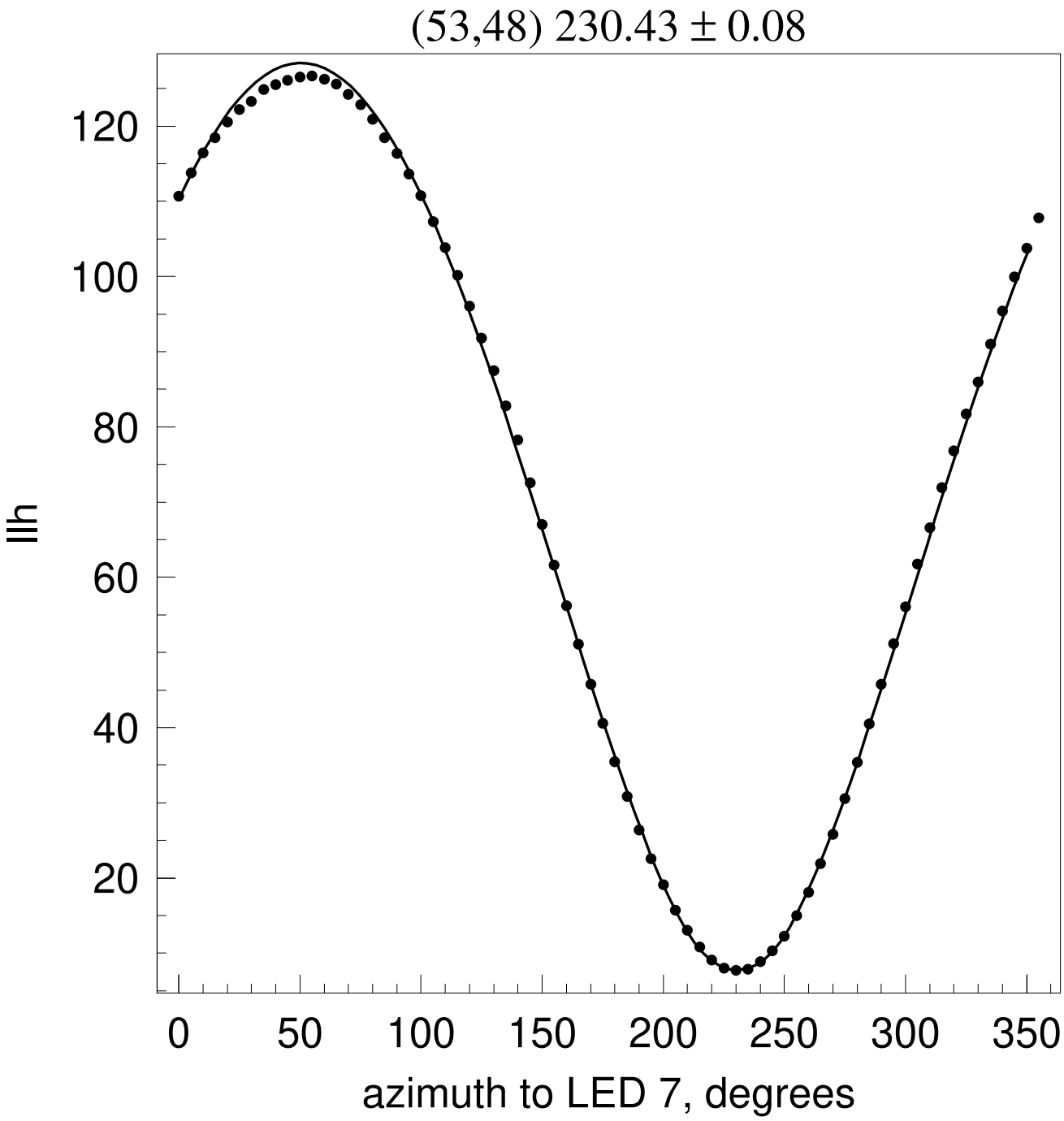

(53,43) 36.38 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

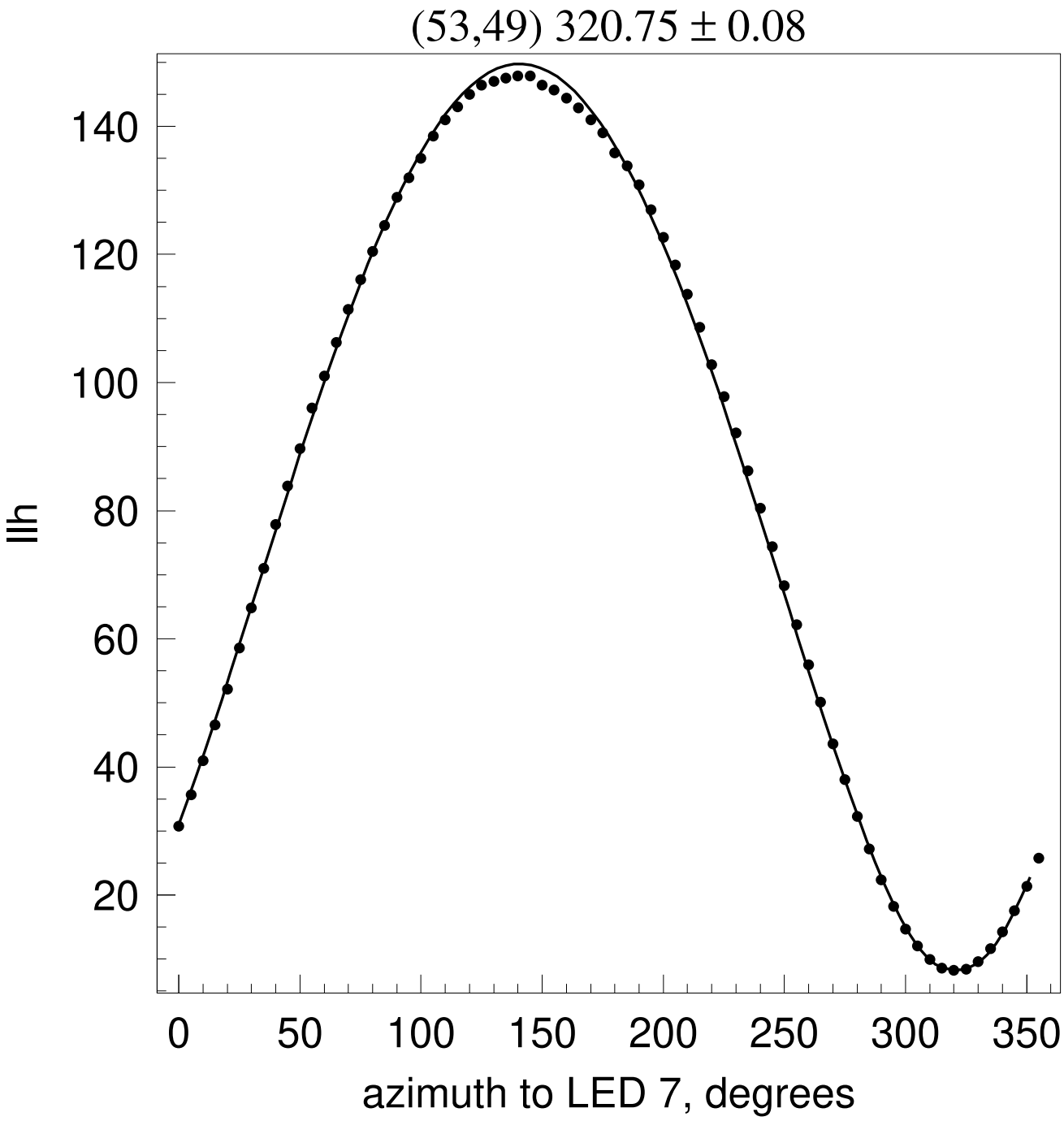

(53,44) 135.49 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

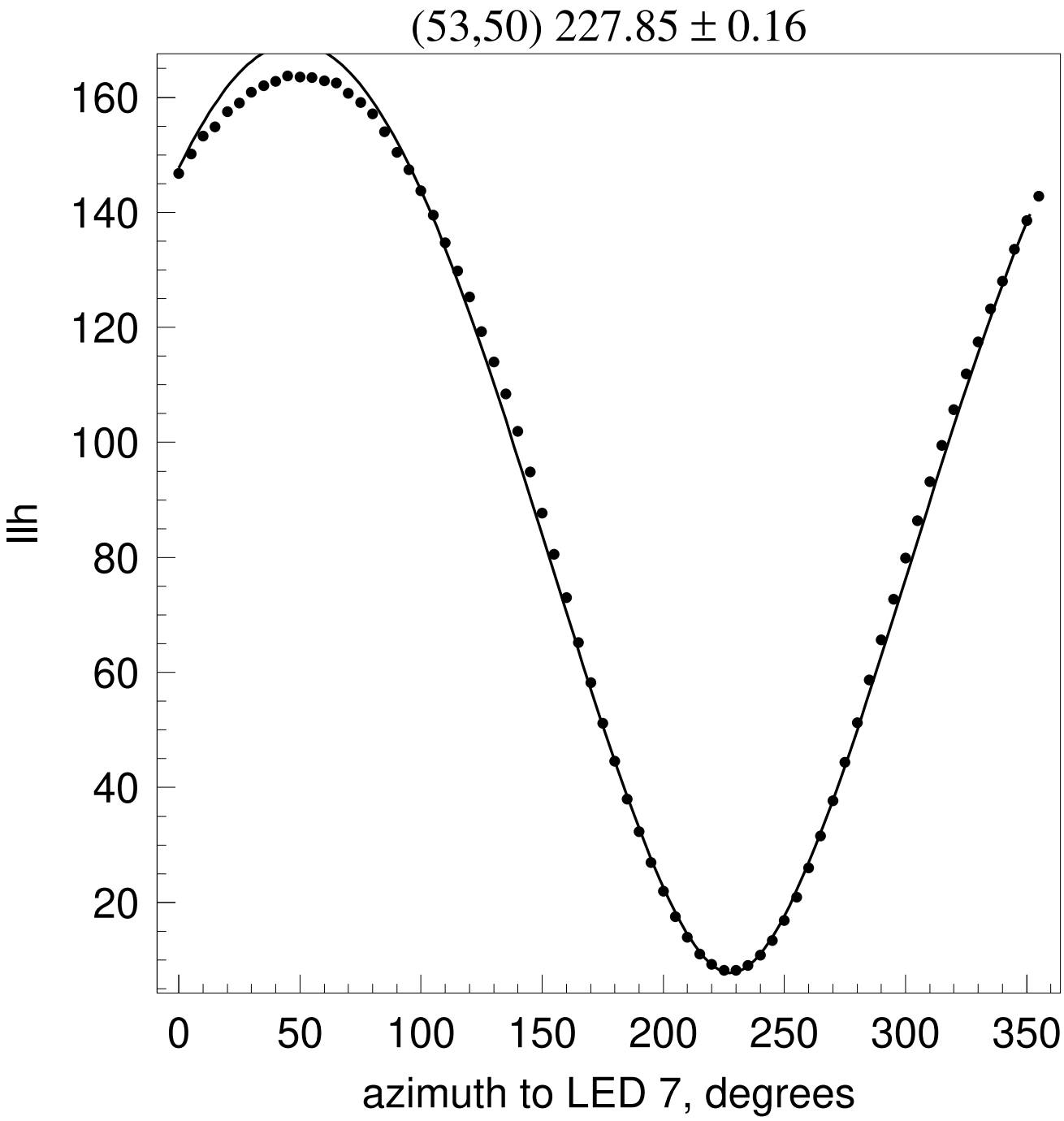

(53,45) 210.31 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

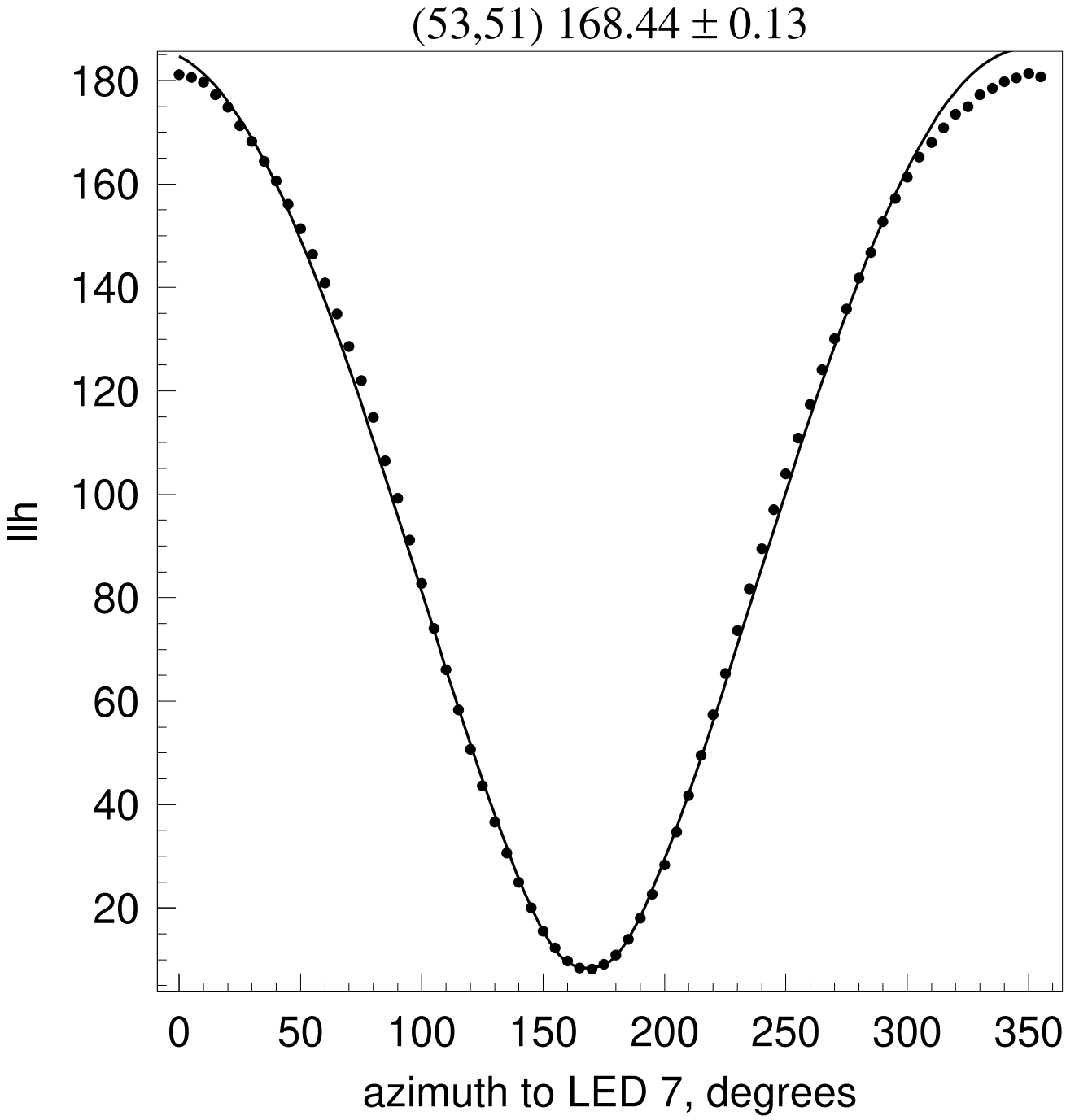

(53,46) 227.62 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

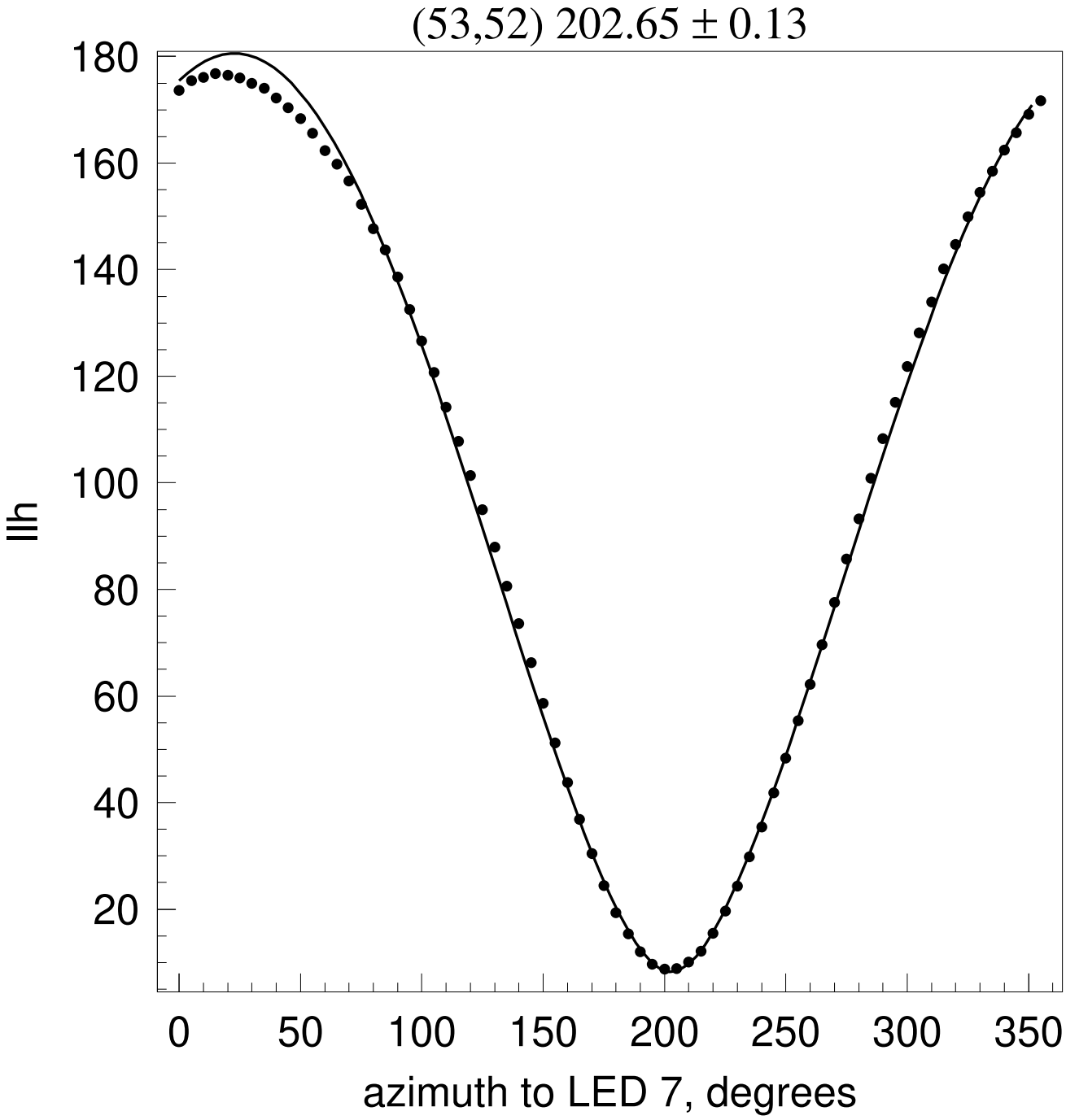

(53,47) 331.14 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

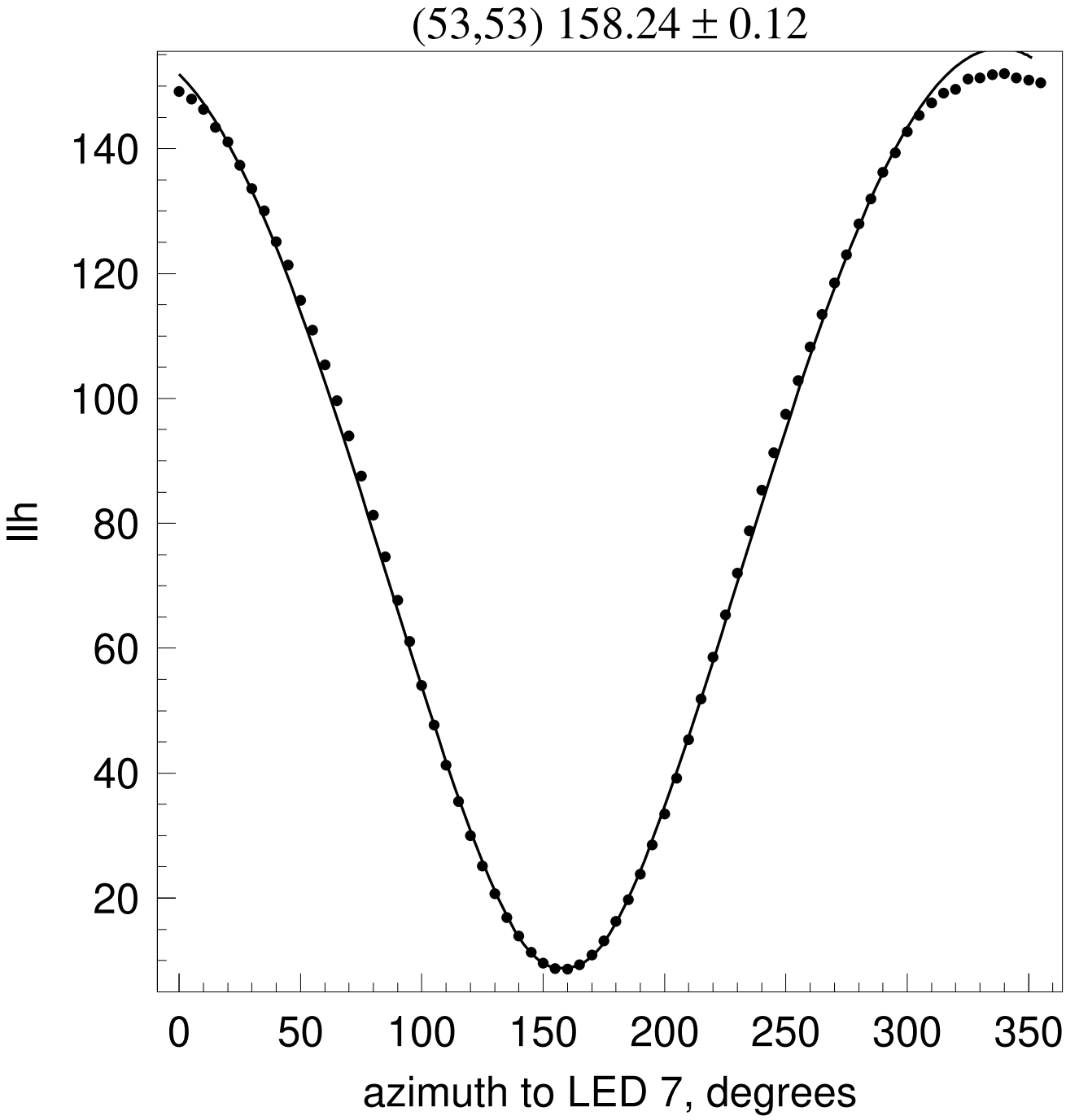

(53,48) 230.43 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

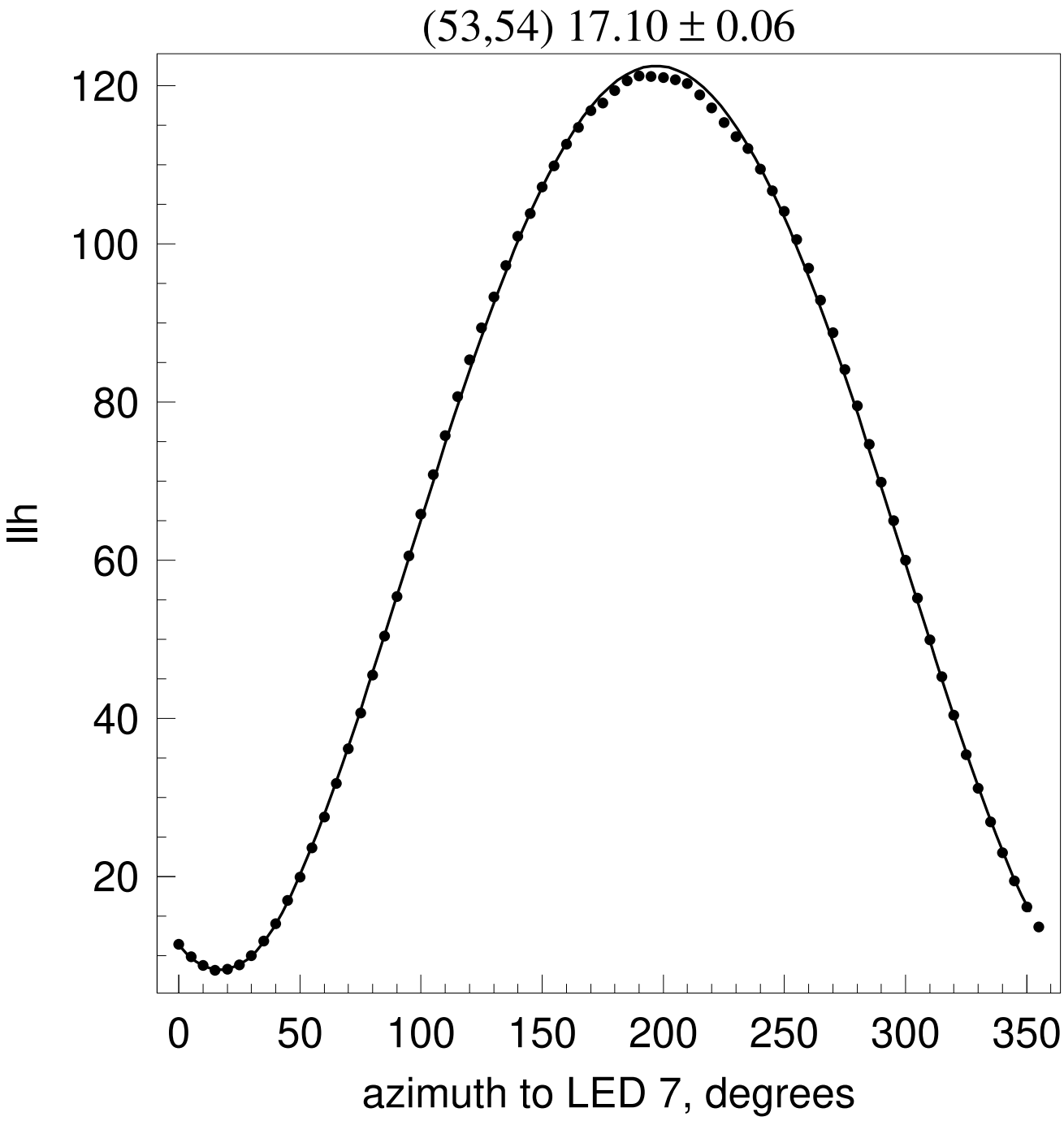

(53,49) 320.75 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

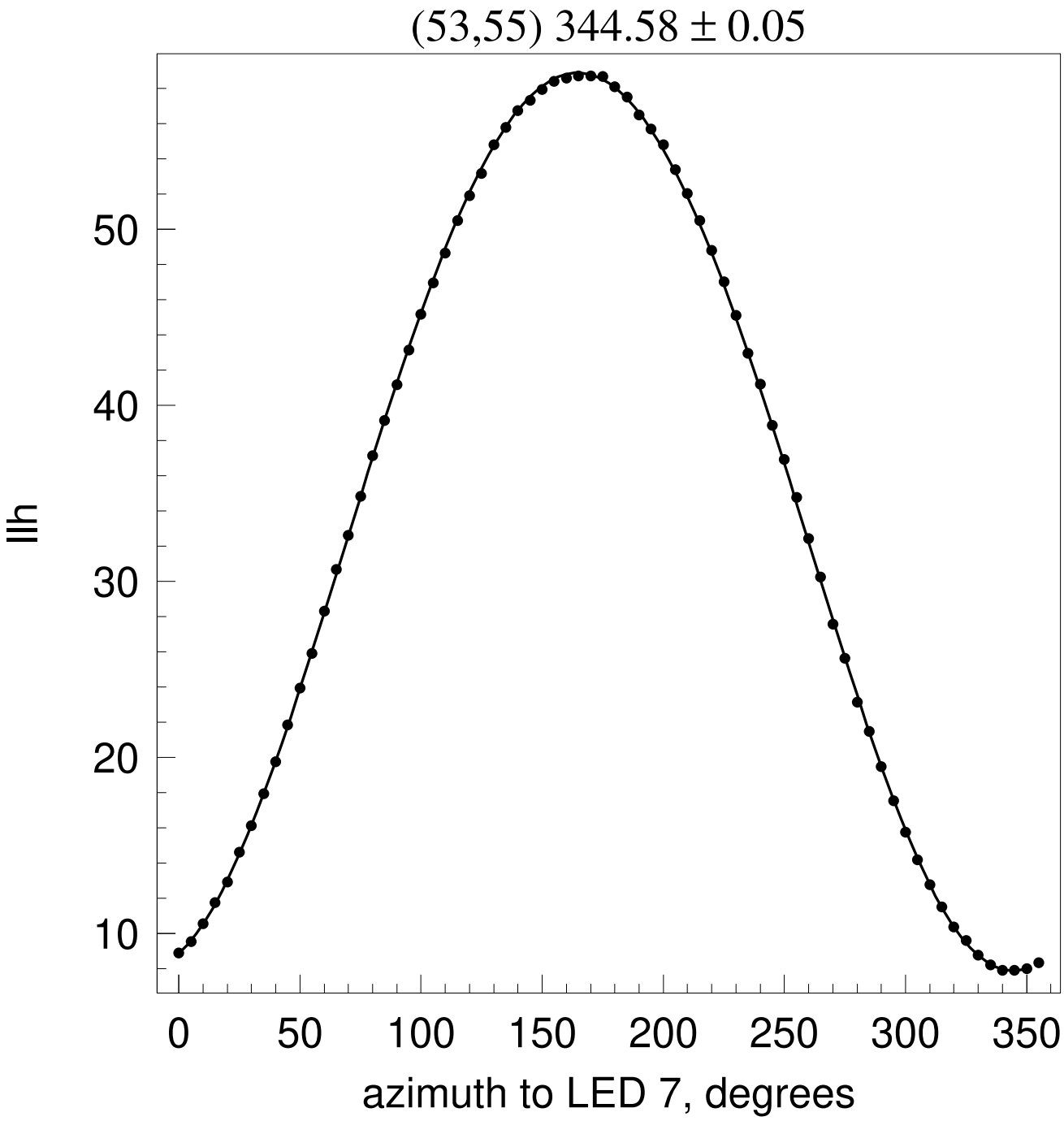

(53,50) 227.85 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

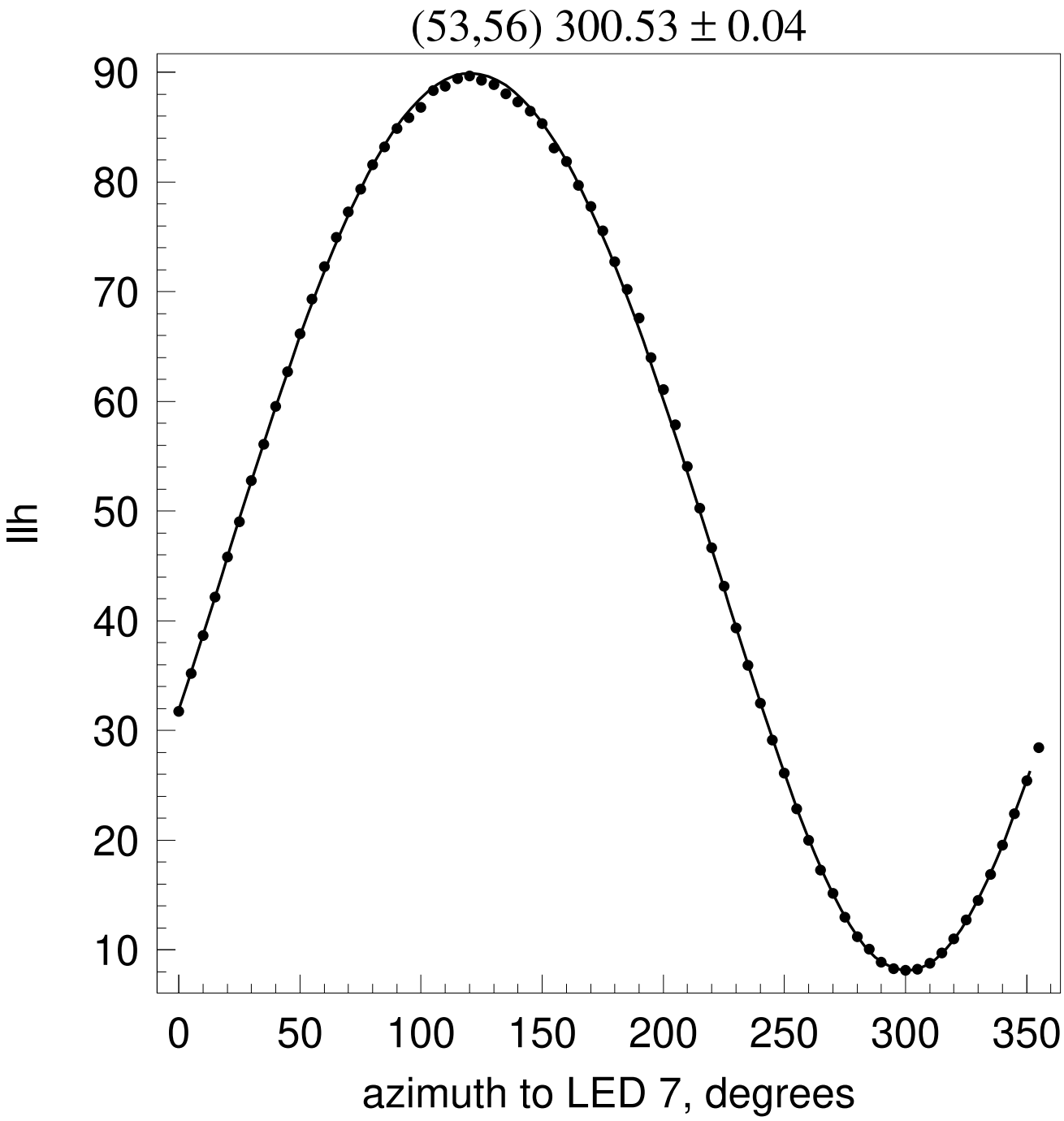

(53,51) 168.44 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

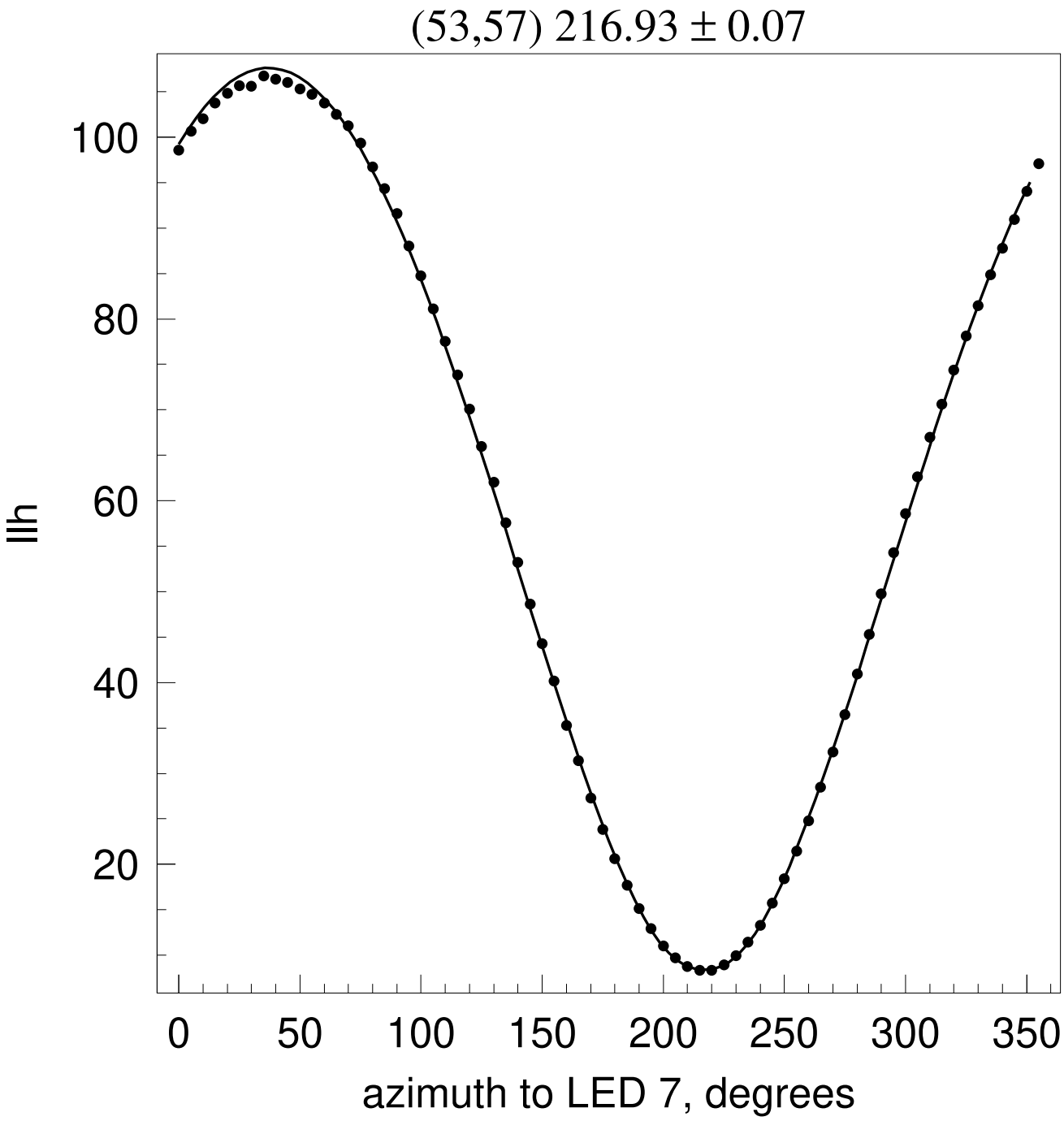

(53,52) 202.65 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

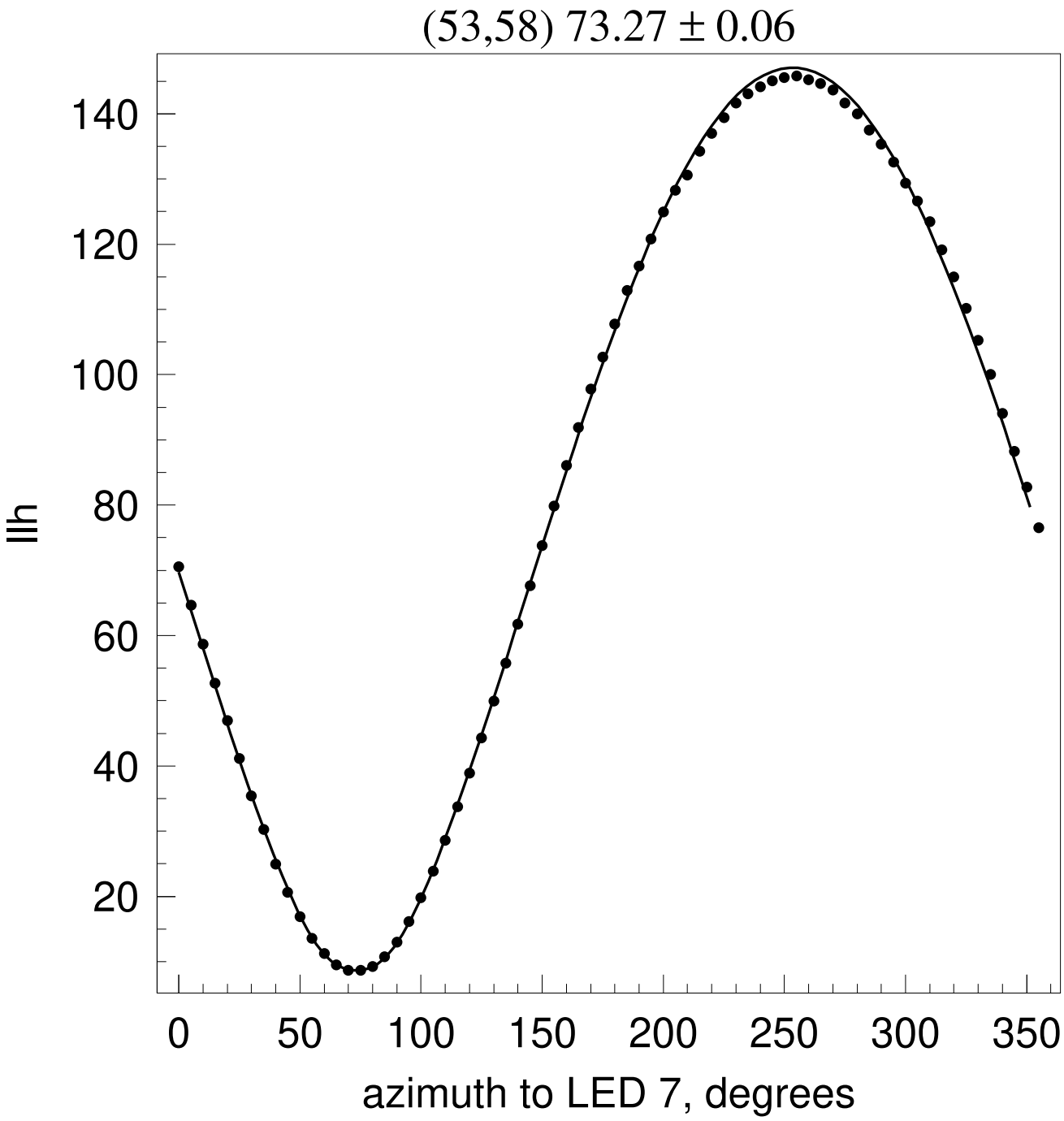

(53,53) 158.24 ± 0.12
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

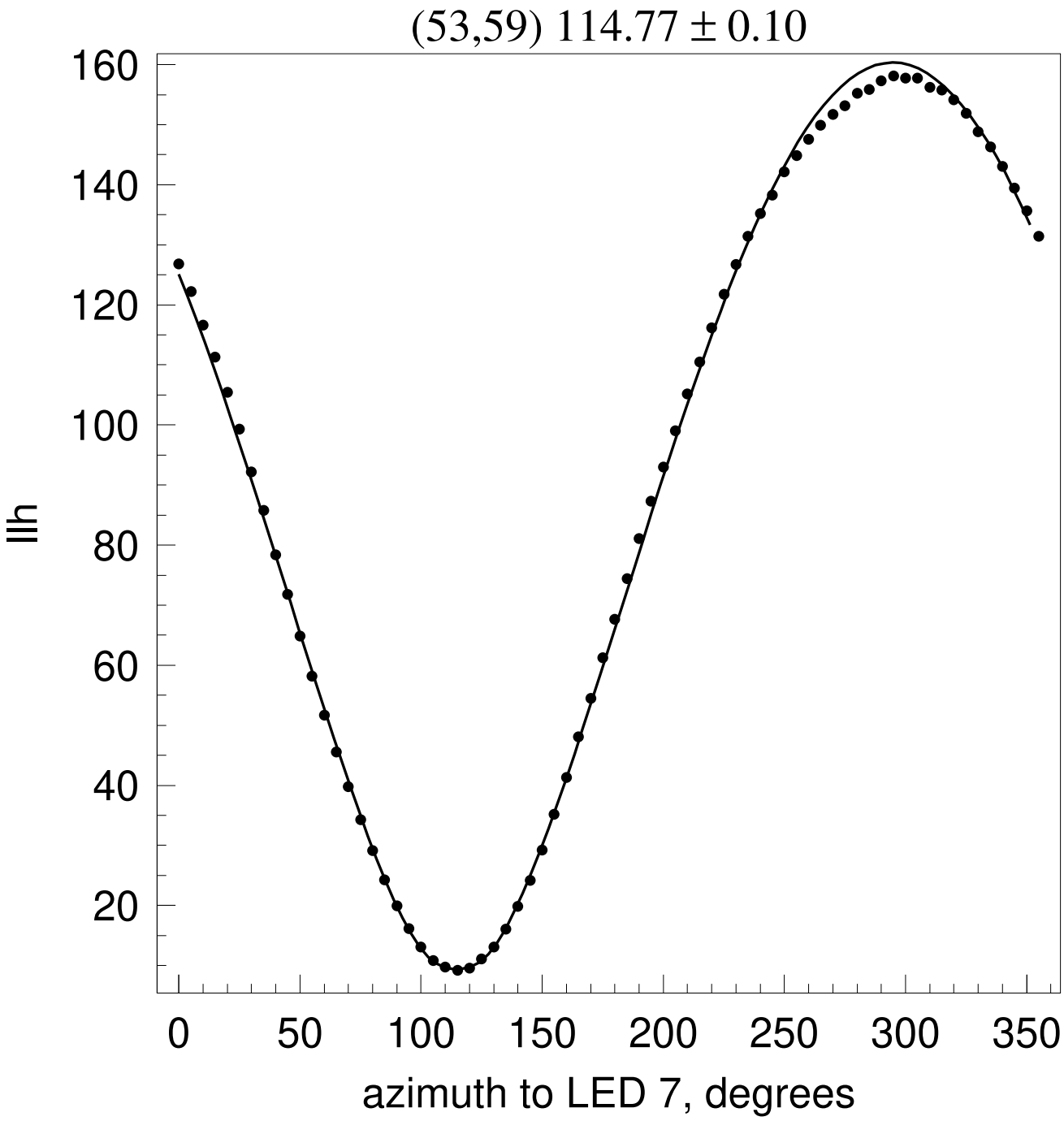

(53,54) 17.10 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

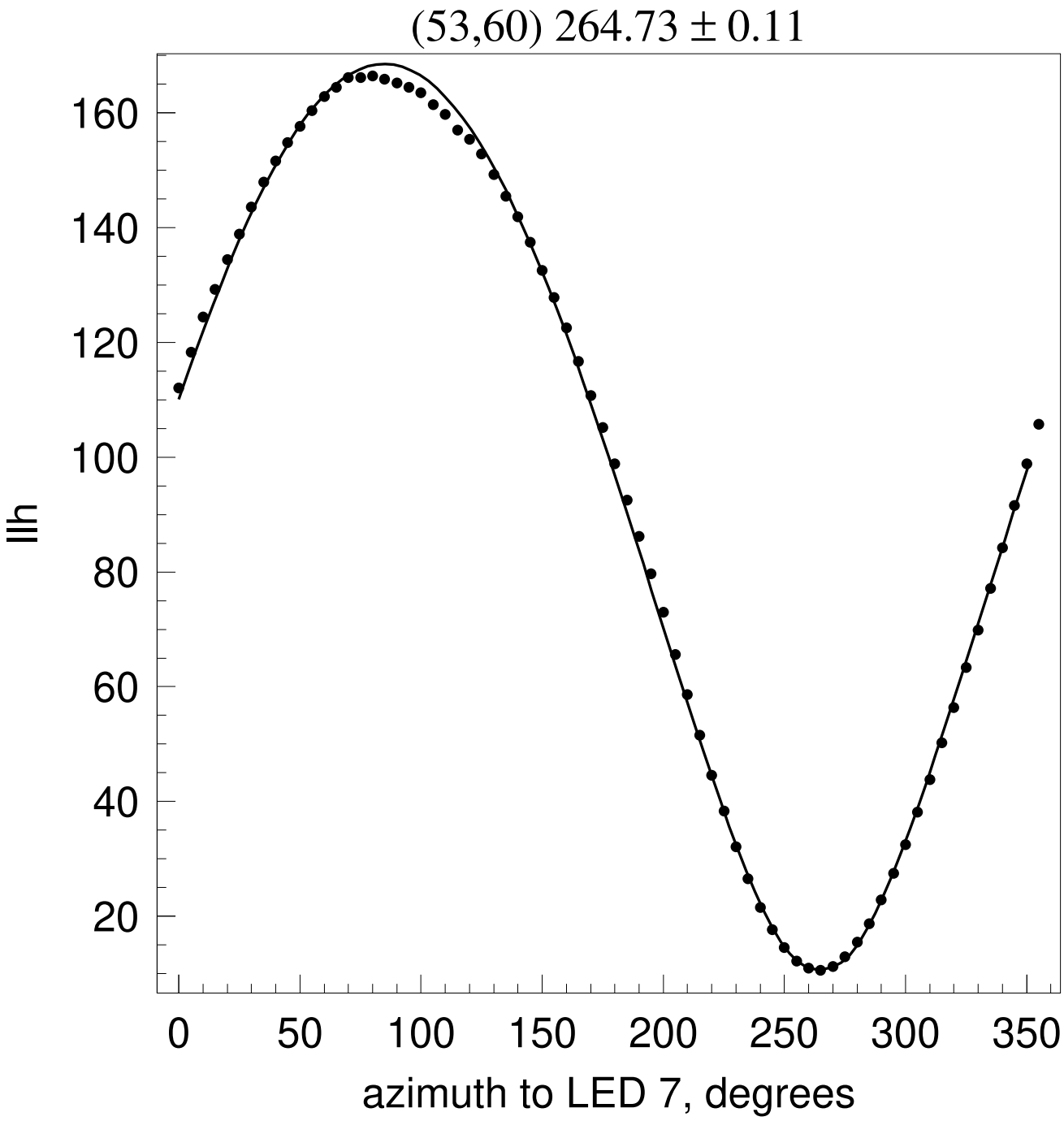

(53,55) 344.58 ± 0.05
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

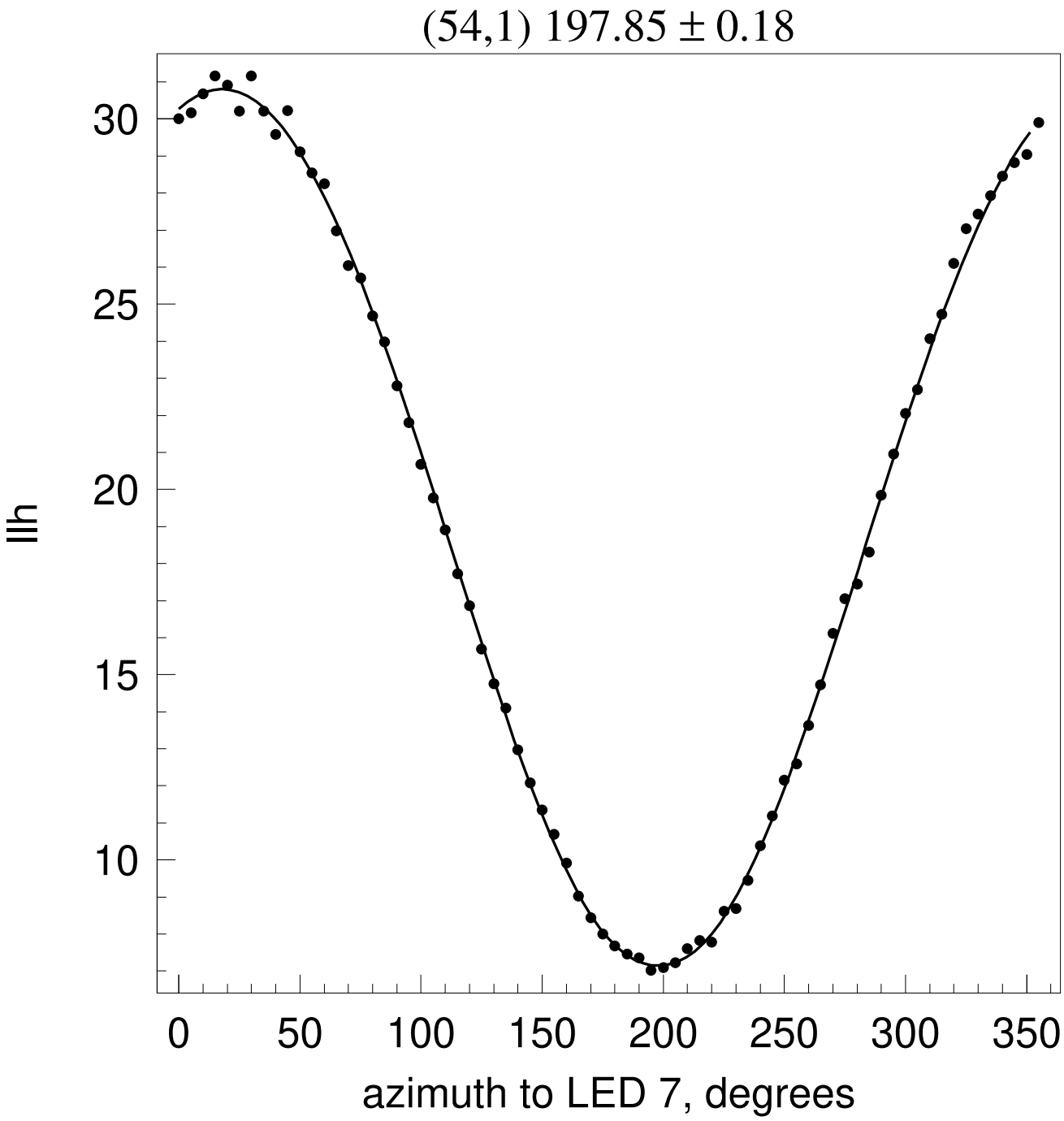

(53,56) 300.53 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

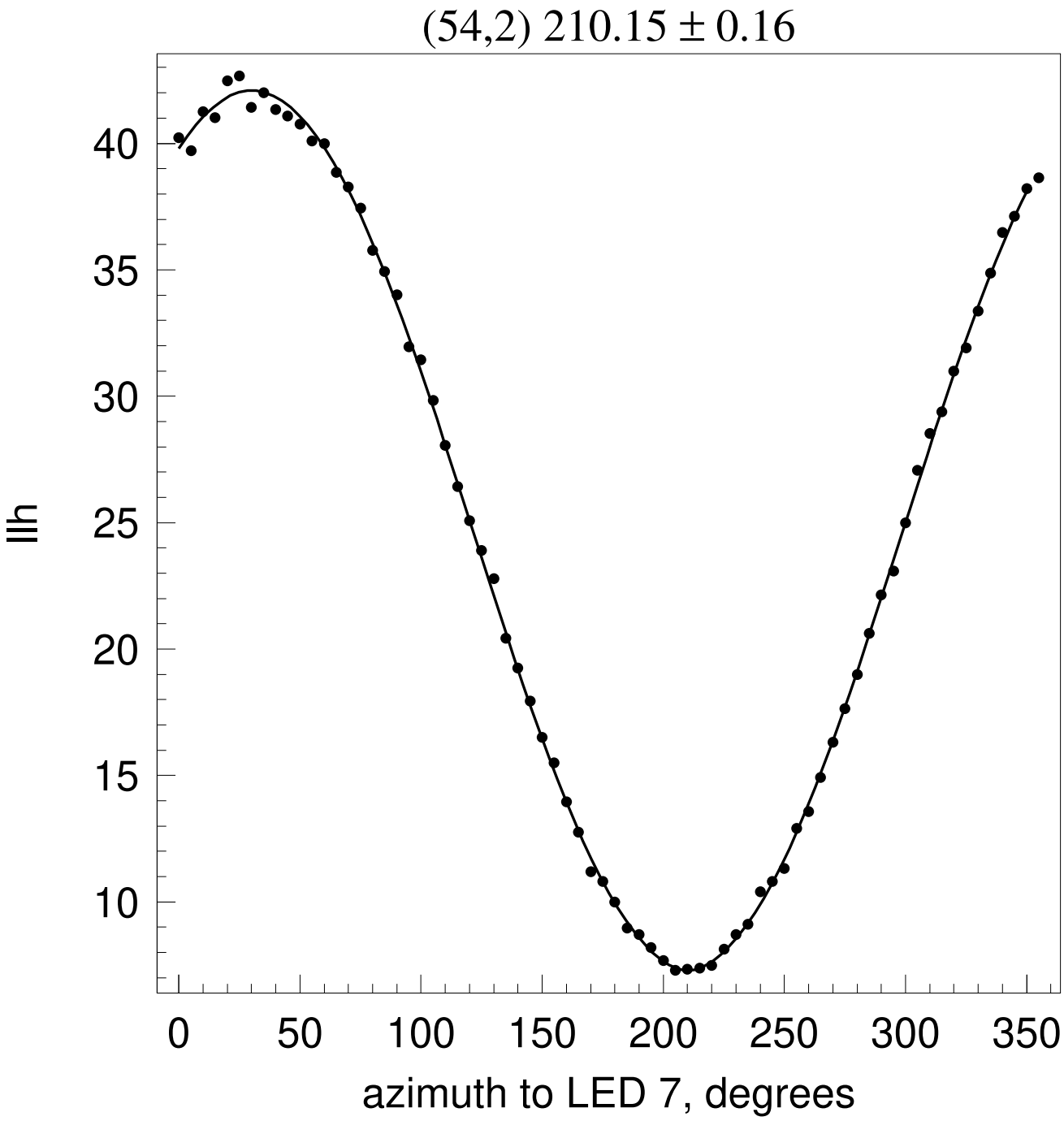

(53,57) 216.93 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

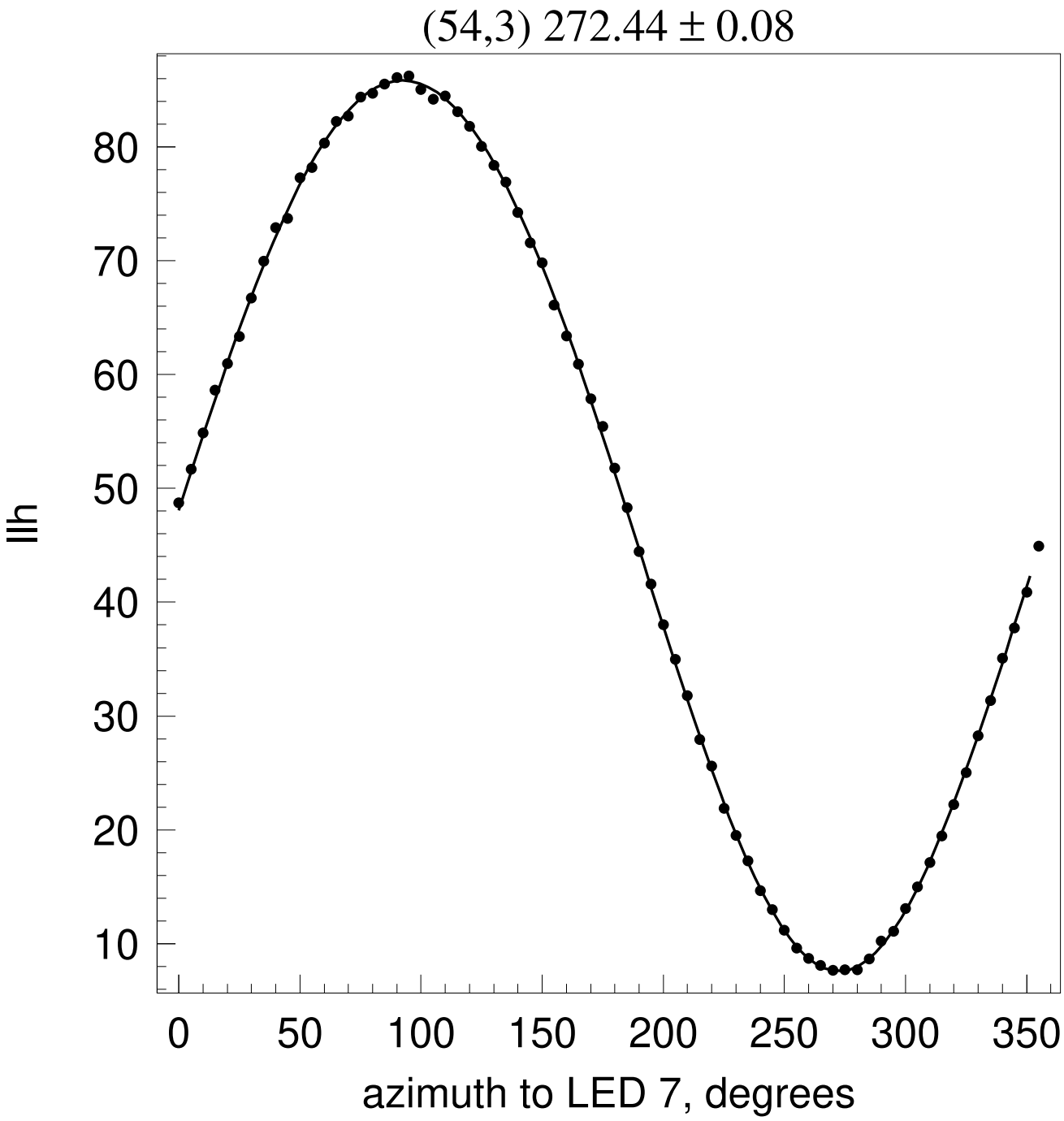

(53,58) 73.27 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

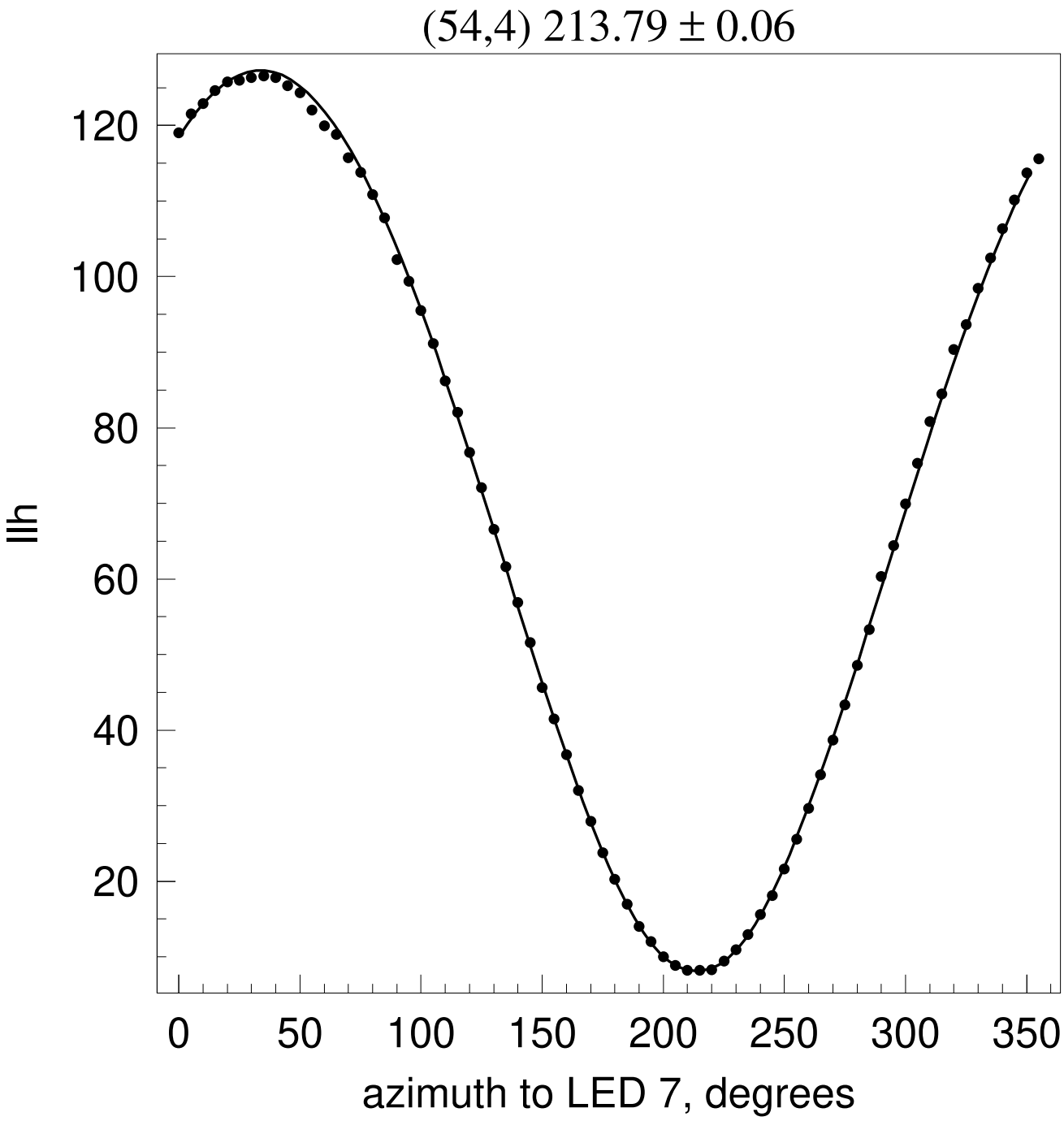

(53,59) 114.77 ± 0.10
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

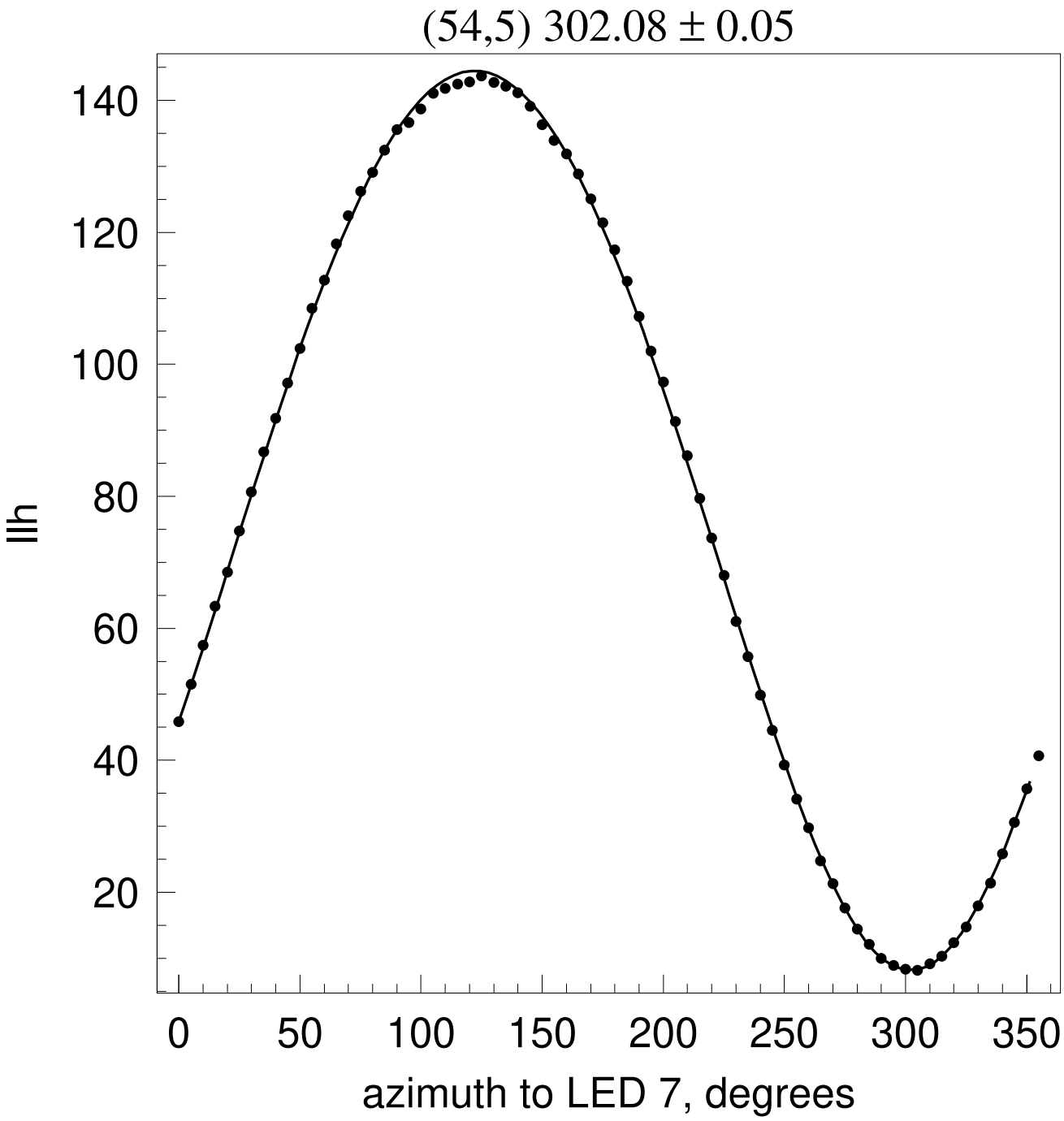

(53,60) 264.73 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

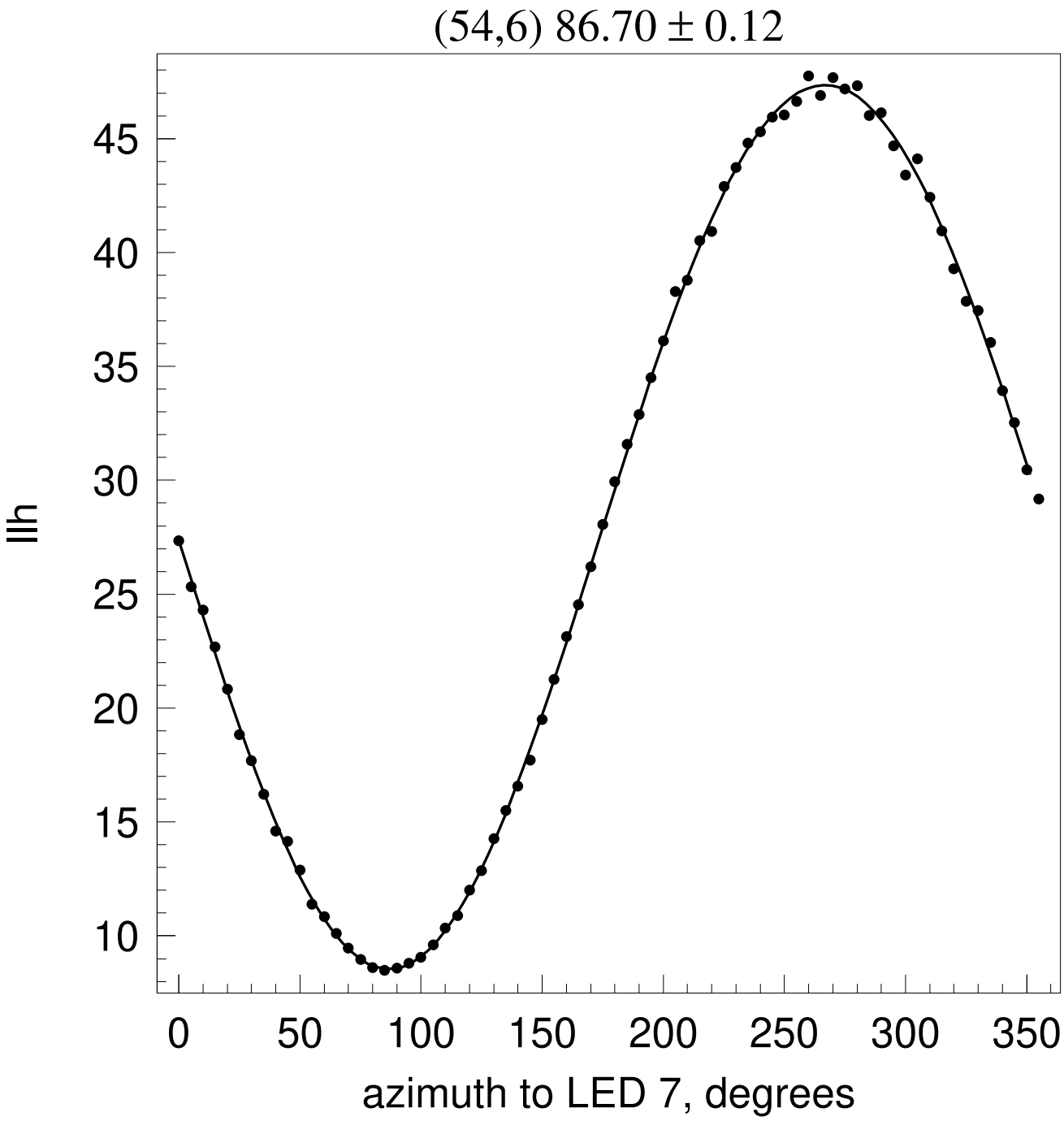

(54,1) 197.85 ± 0.18
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

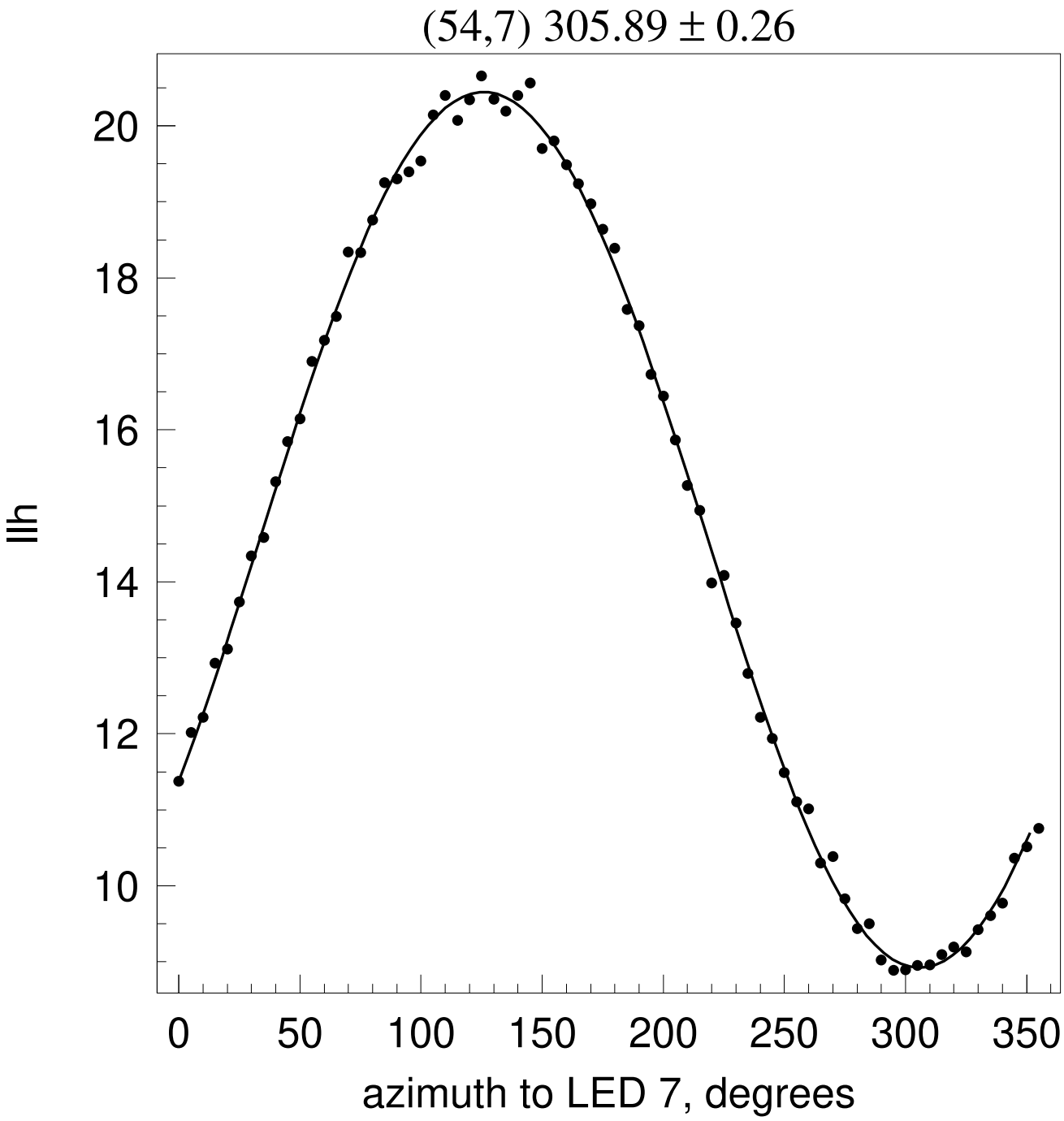

(54,2) 210.15 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

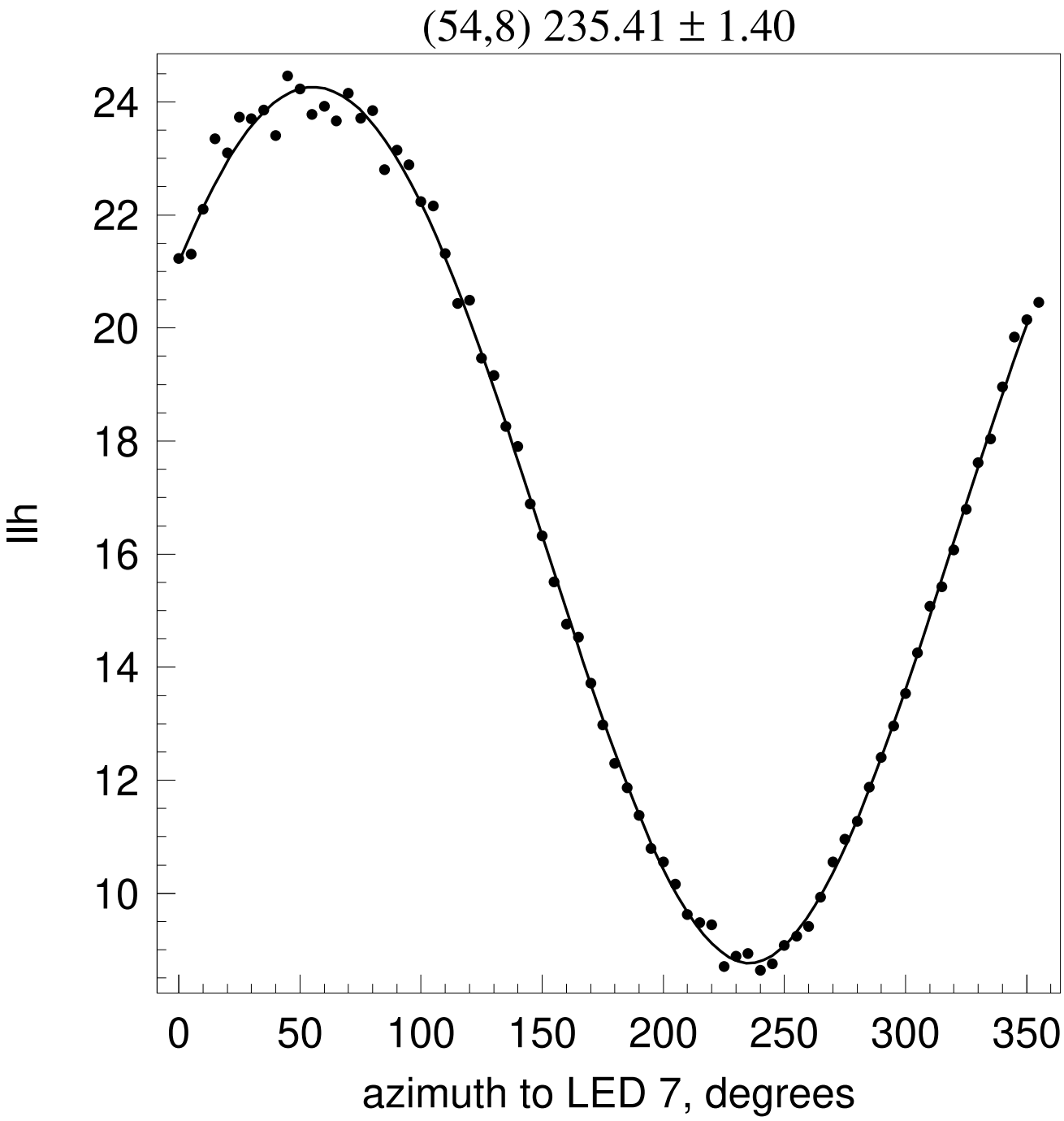

(54,3) 272.44 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

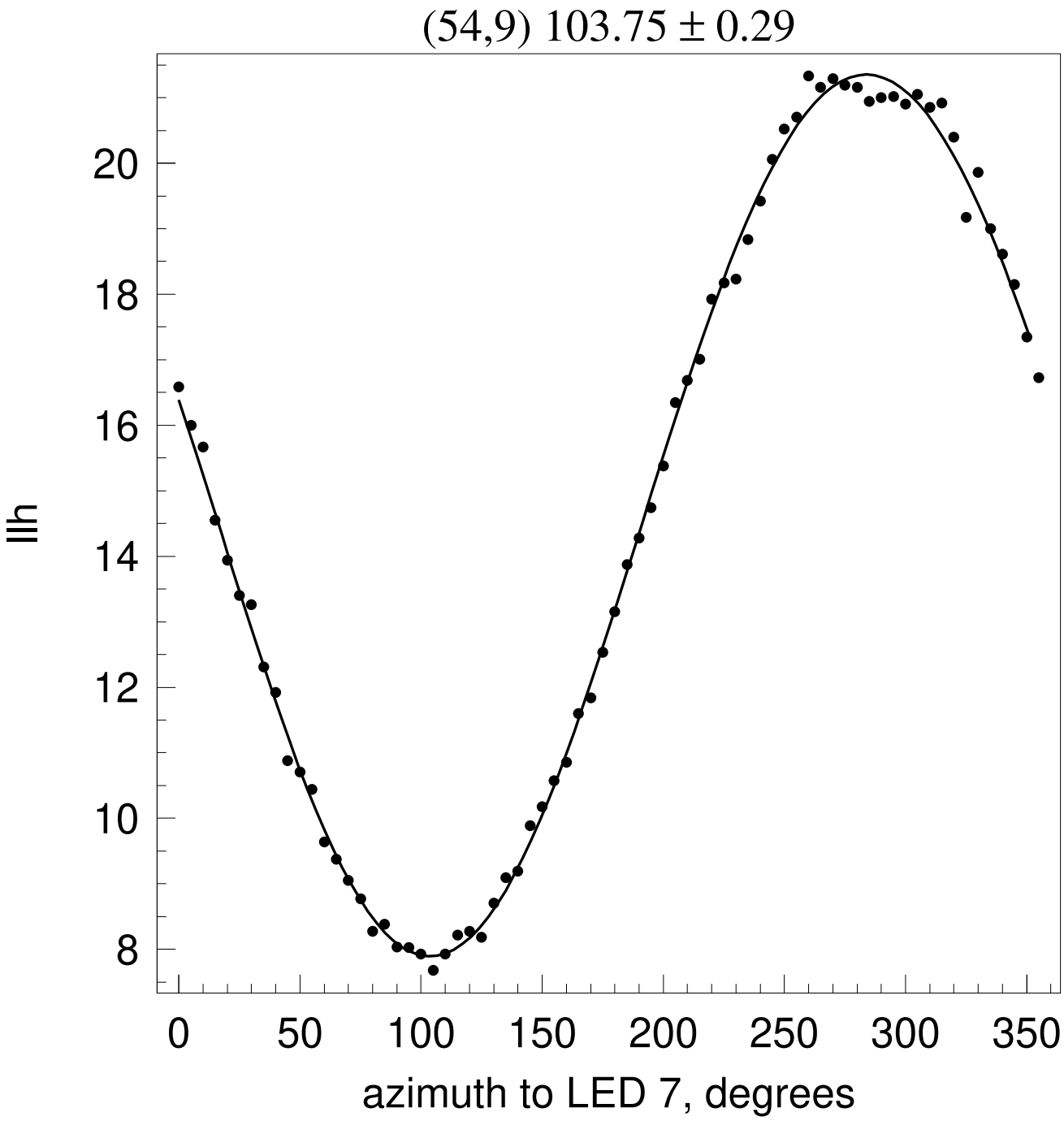

(54,4) 213.79 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

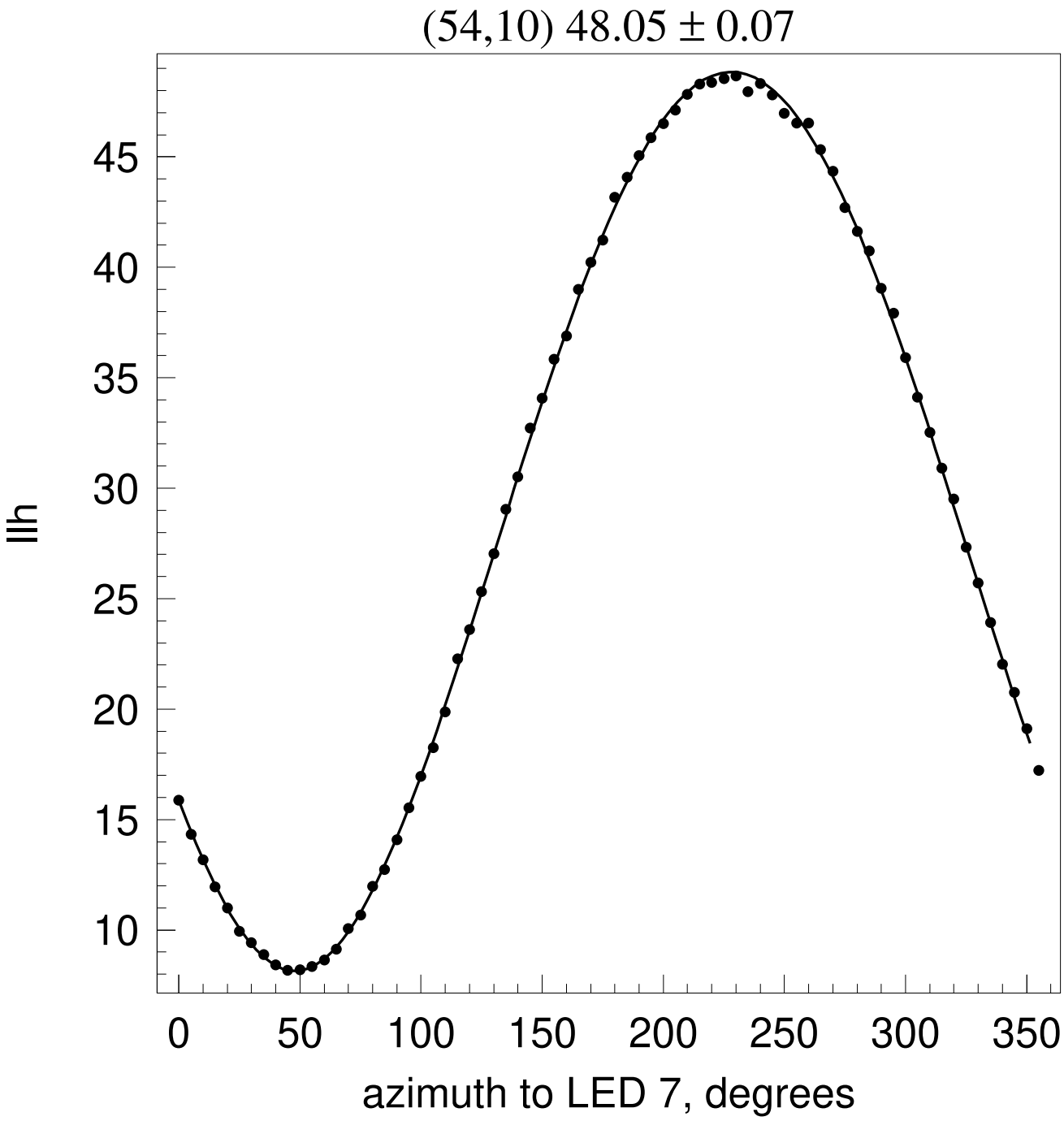

(54,5) 302.08 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

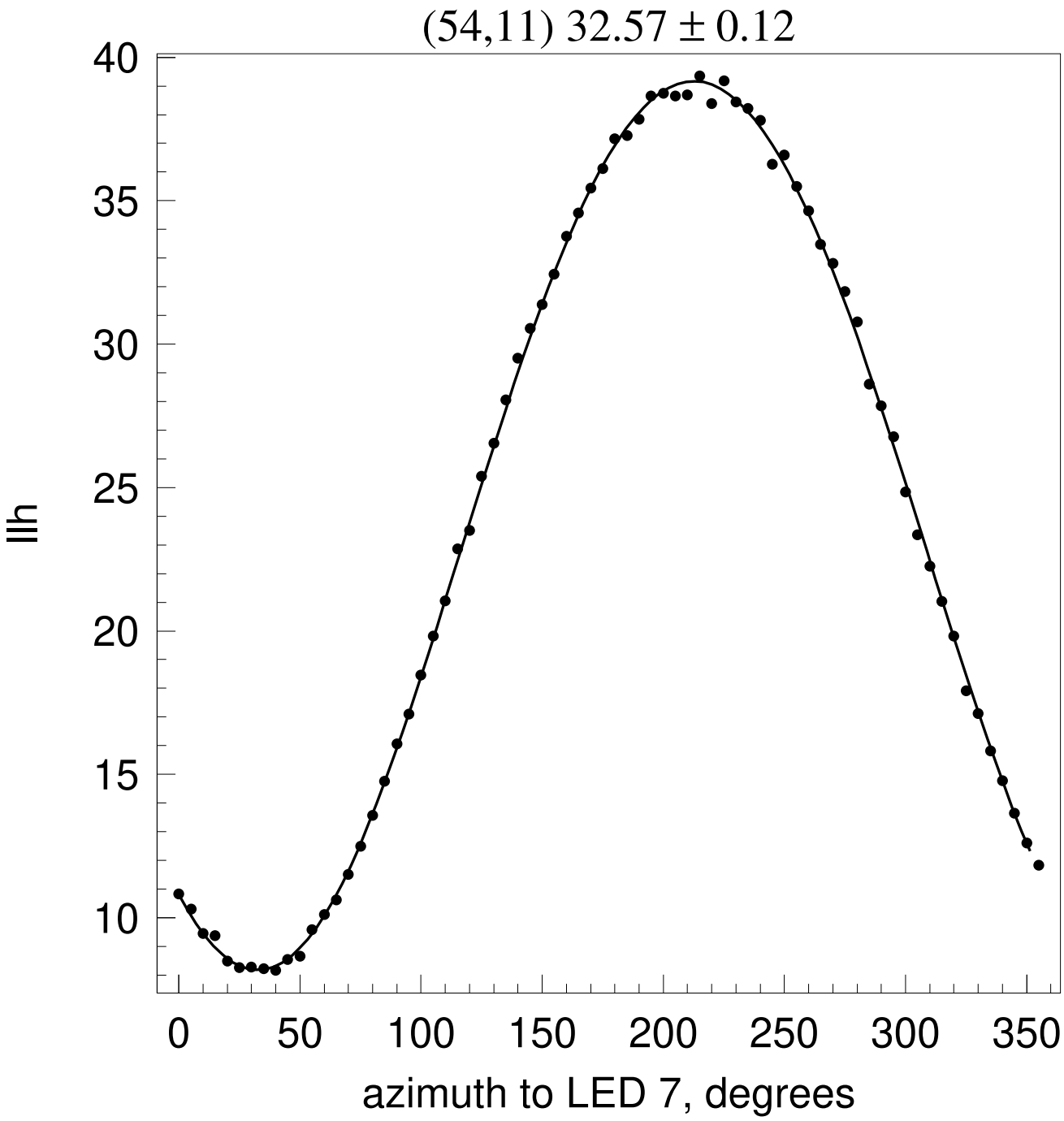

(54,6) 86.70 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

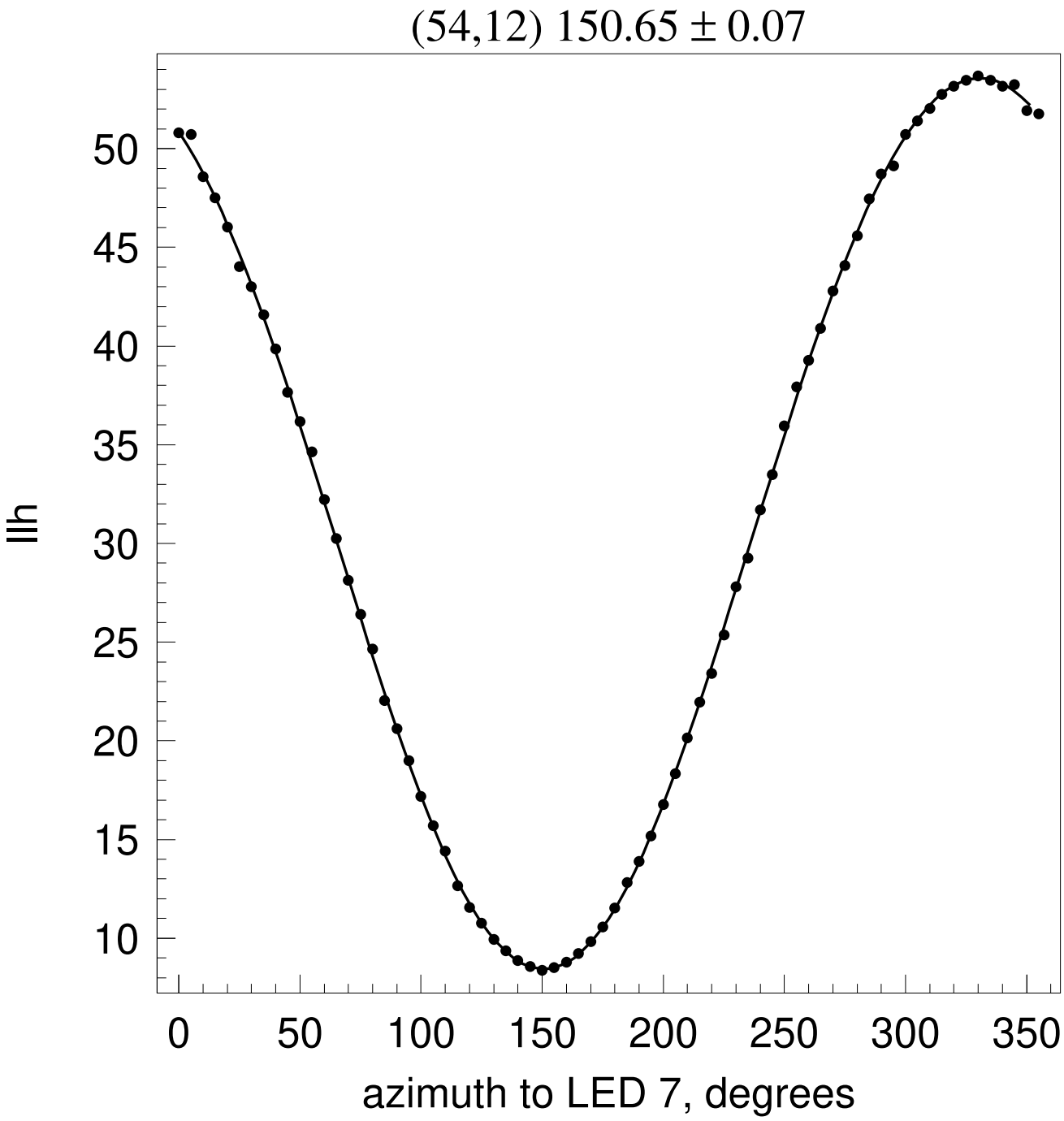

(54,7) 305.89 ± 0.26
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

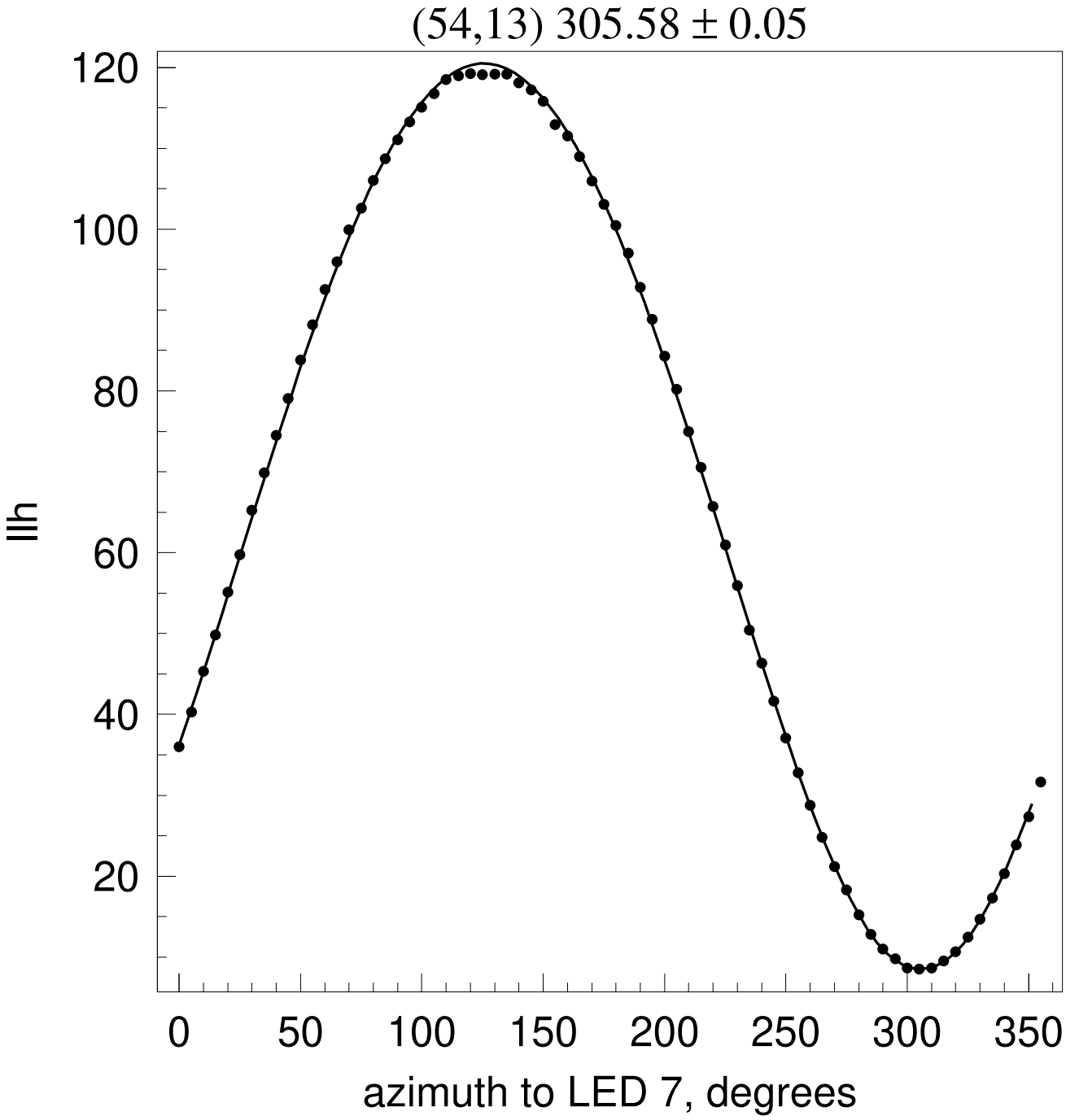

(54,8) 235.41 ± 1.40
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

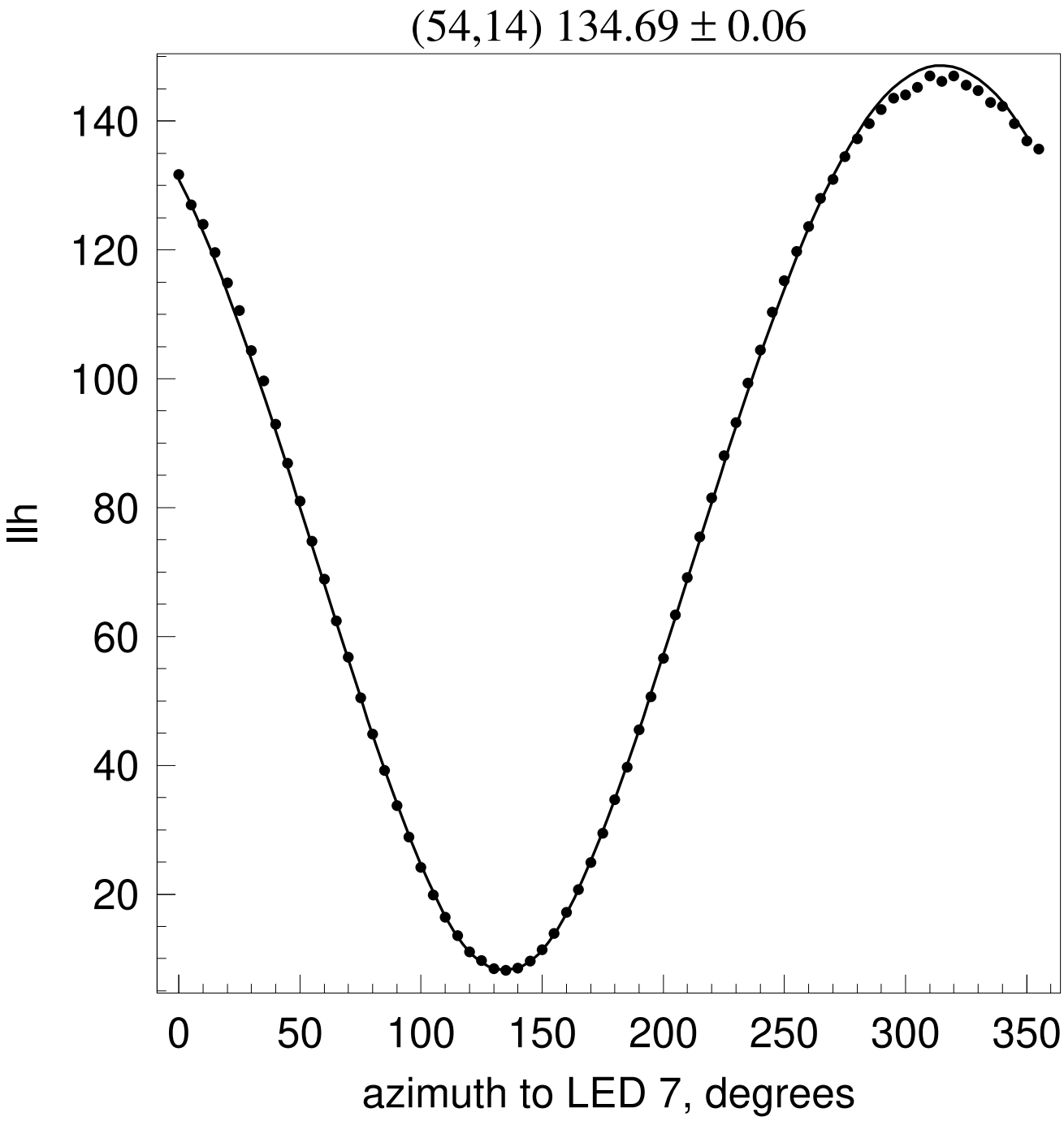

(54,9) 103.75 ± 0.29
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

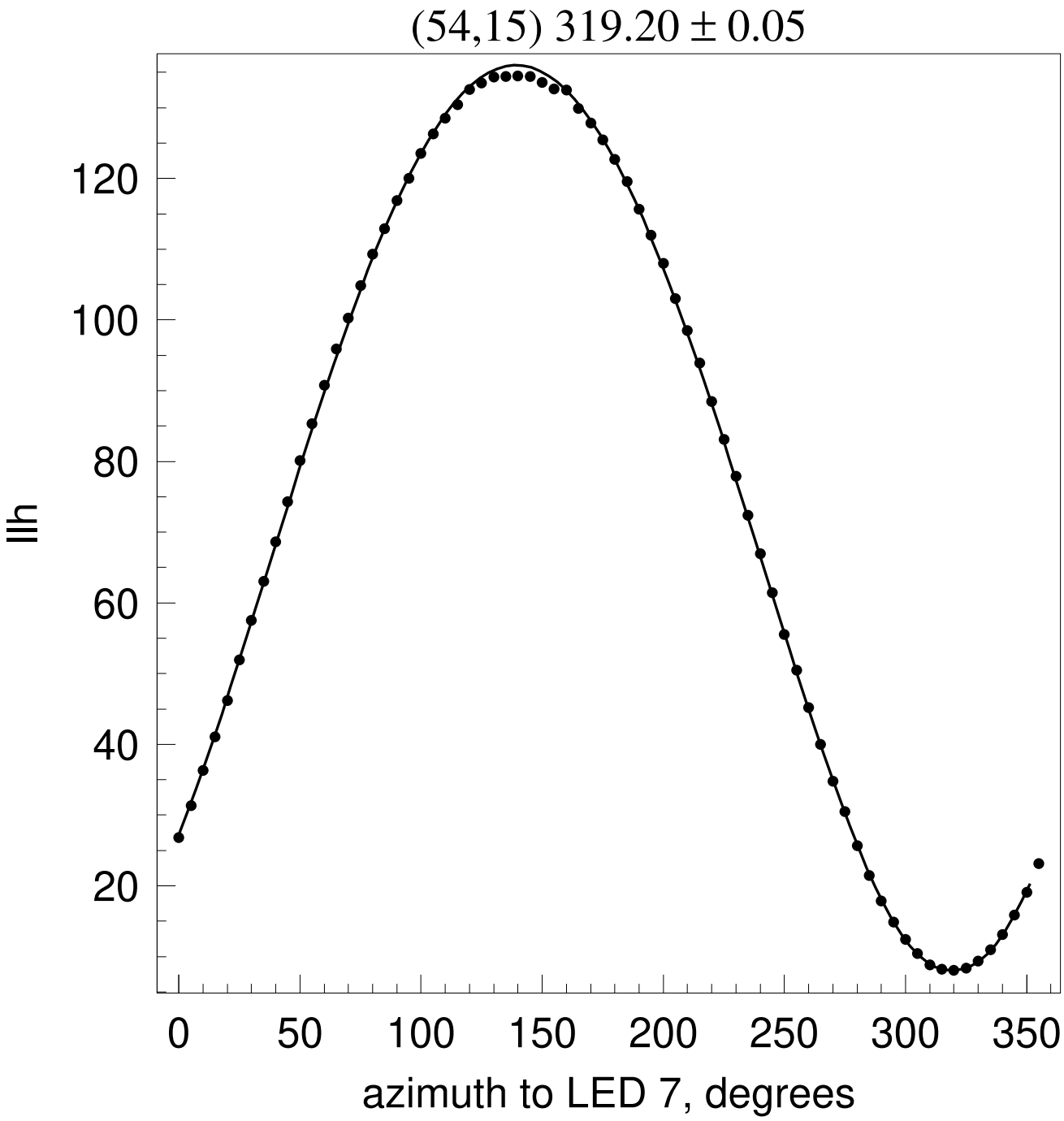

(54,10) 48.05 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

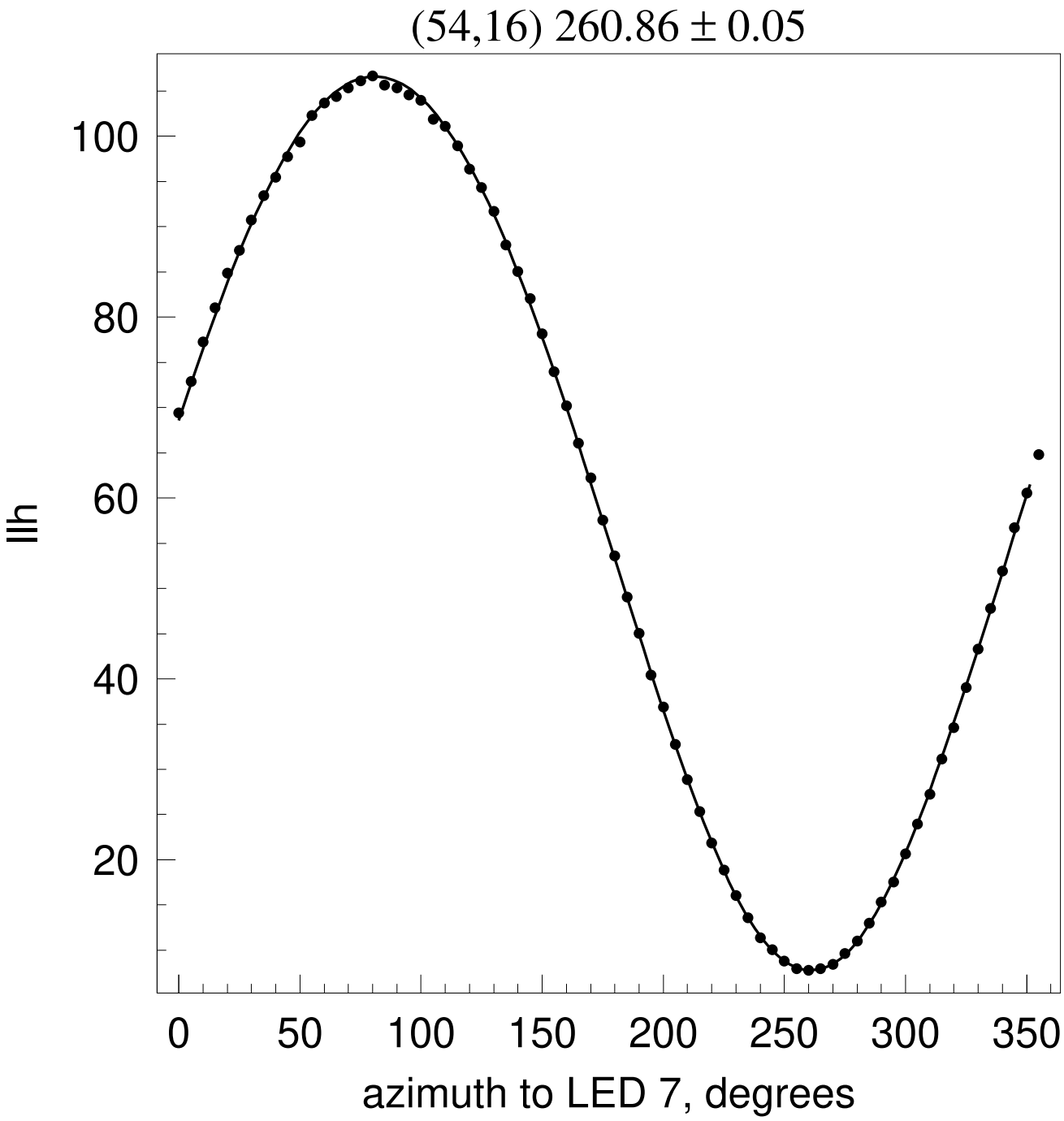

(54,11) 32.57 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

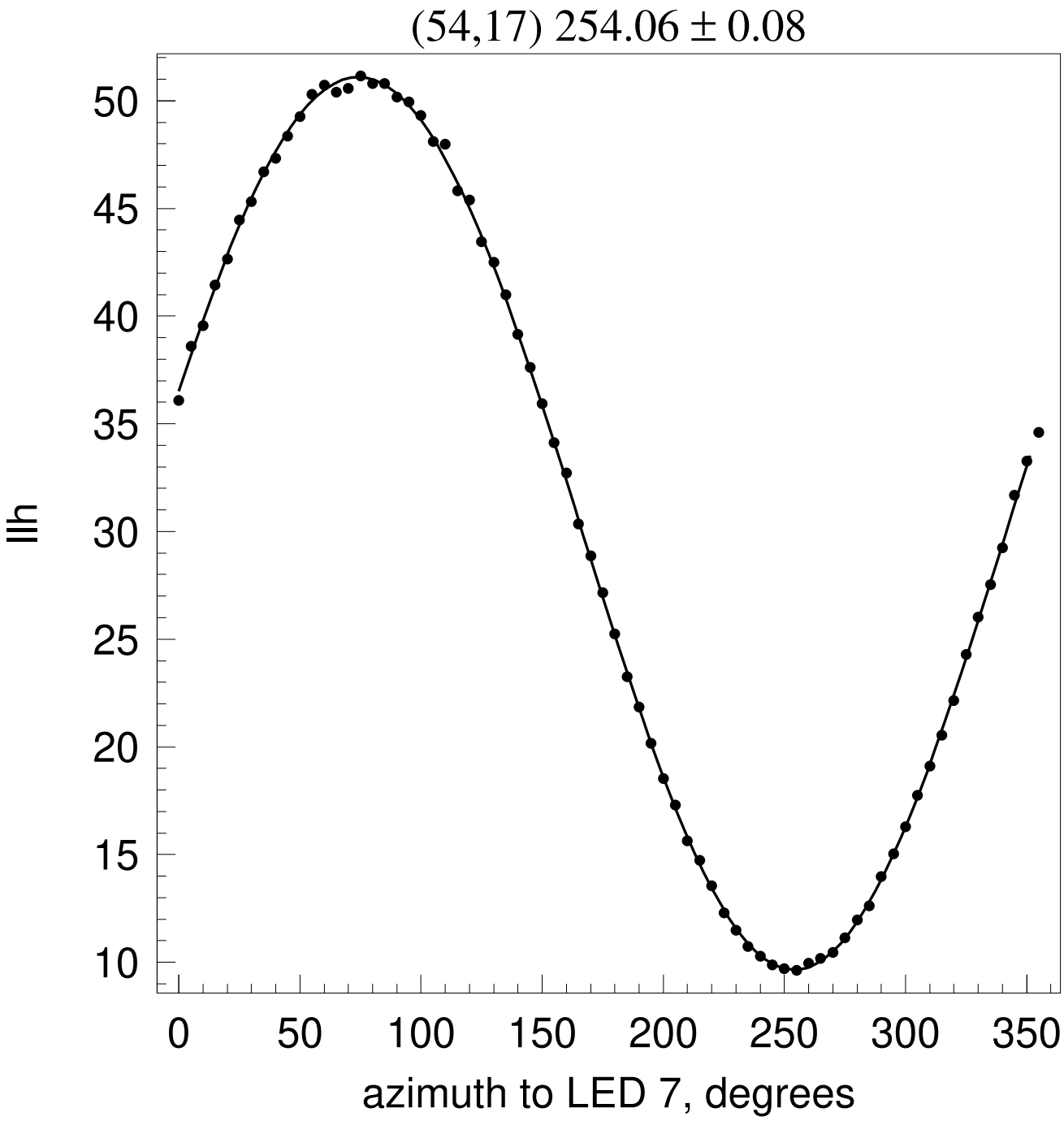

(54,12) 150.65 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

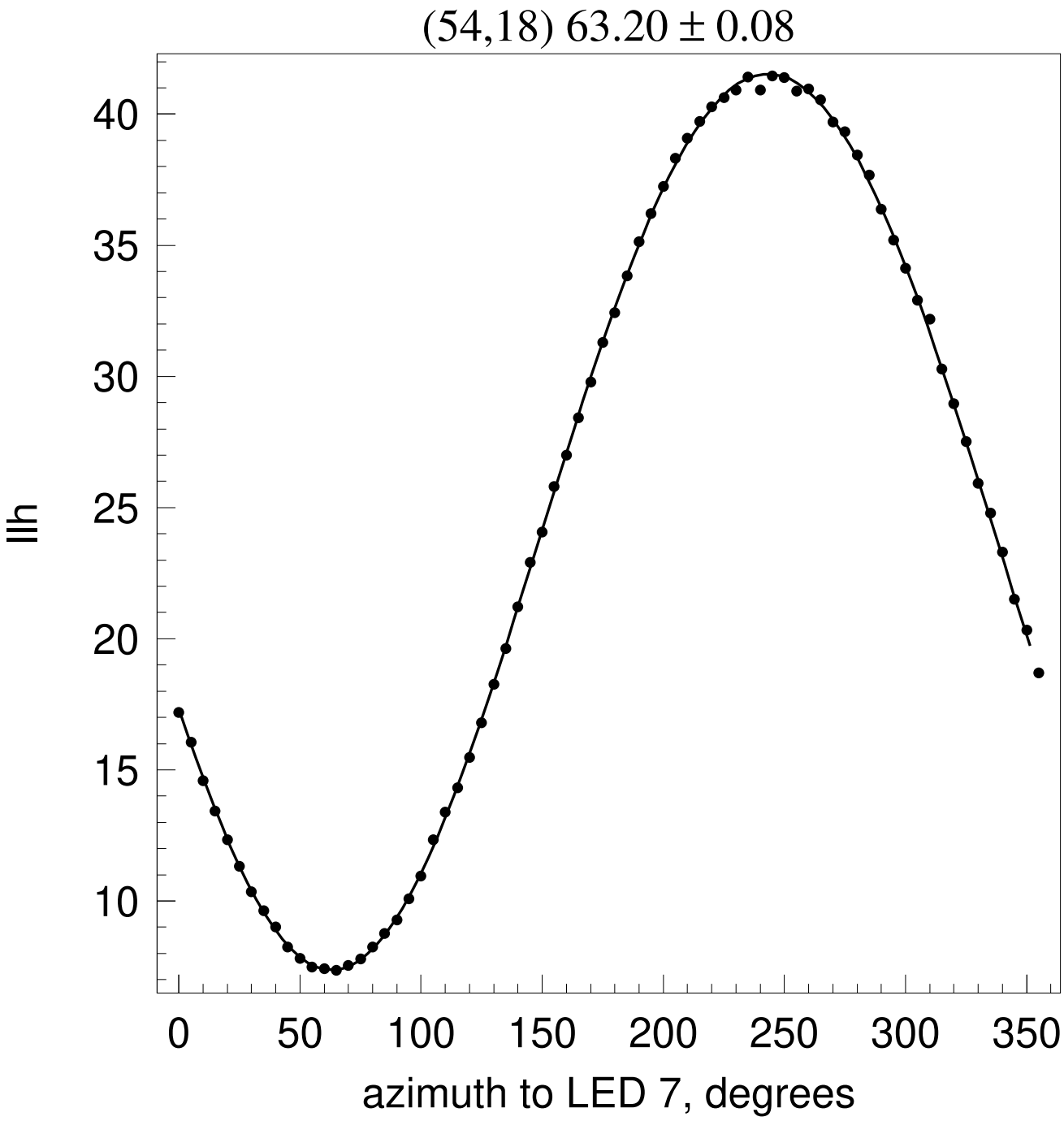

(54,13) 305.58 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

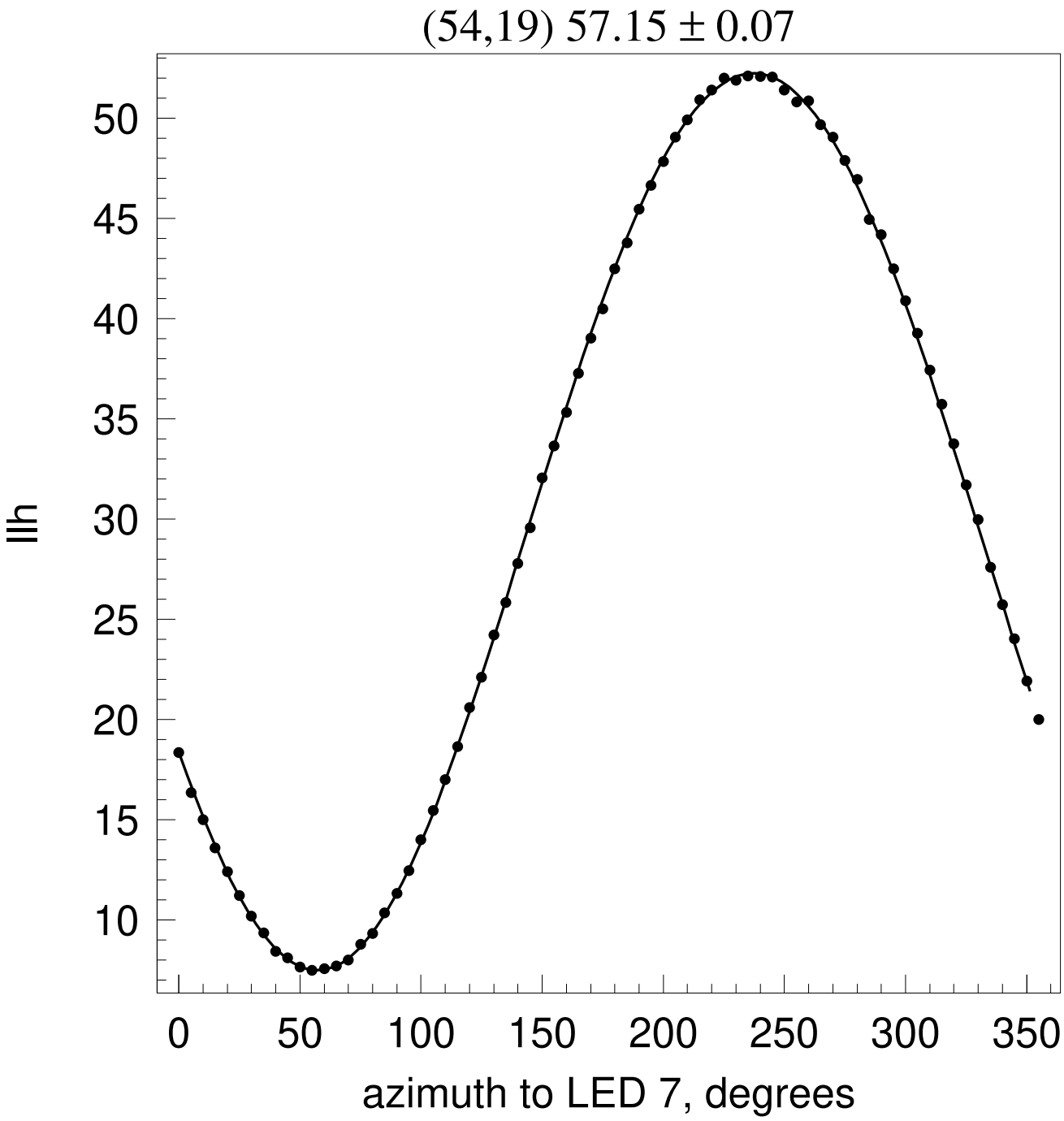

(54,14) 134.69 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

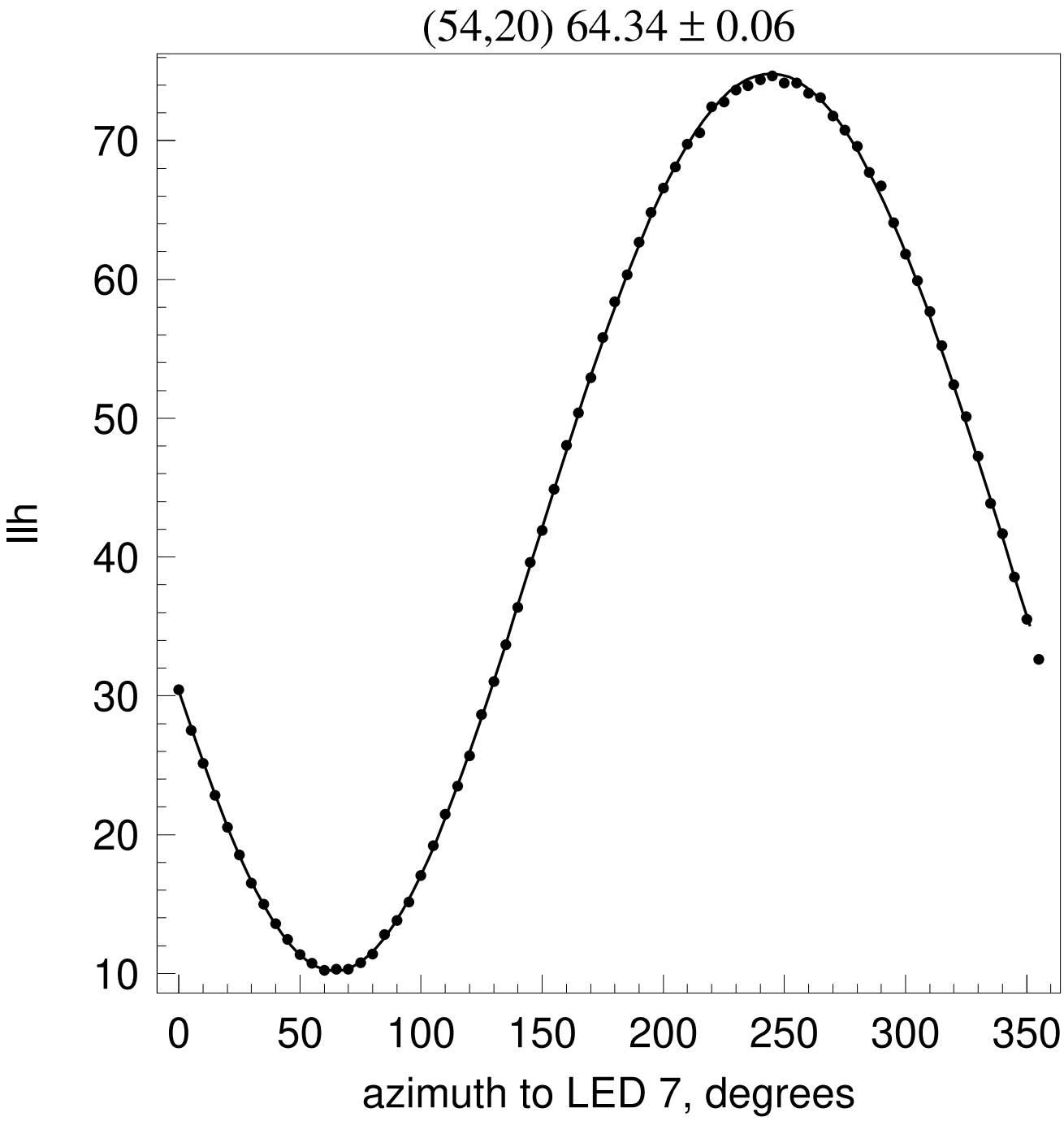

(54,15) 319.20 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

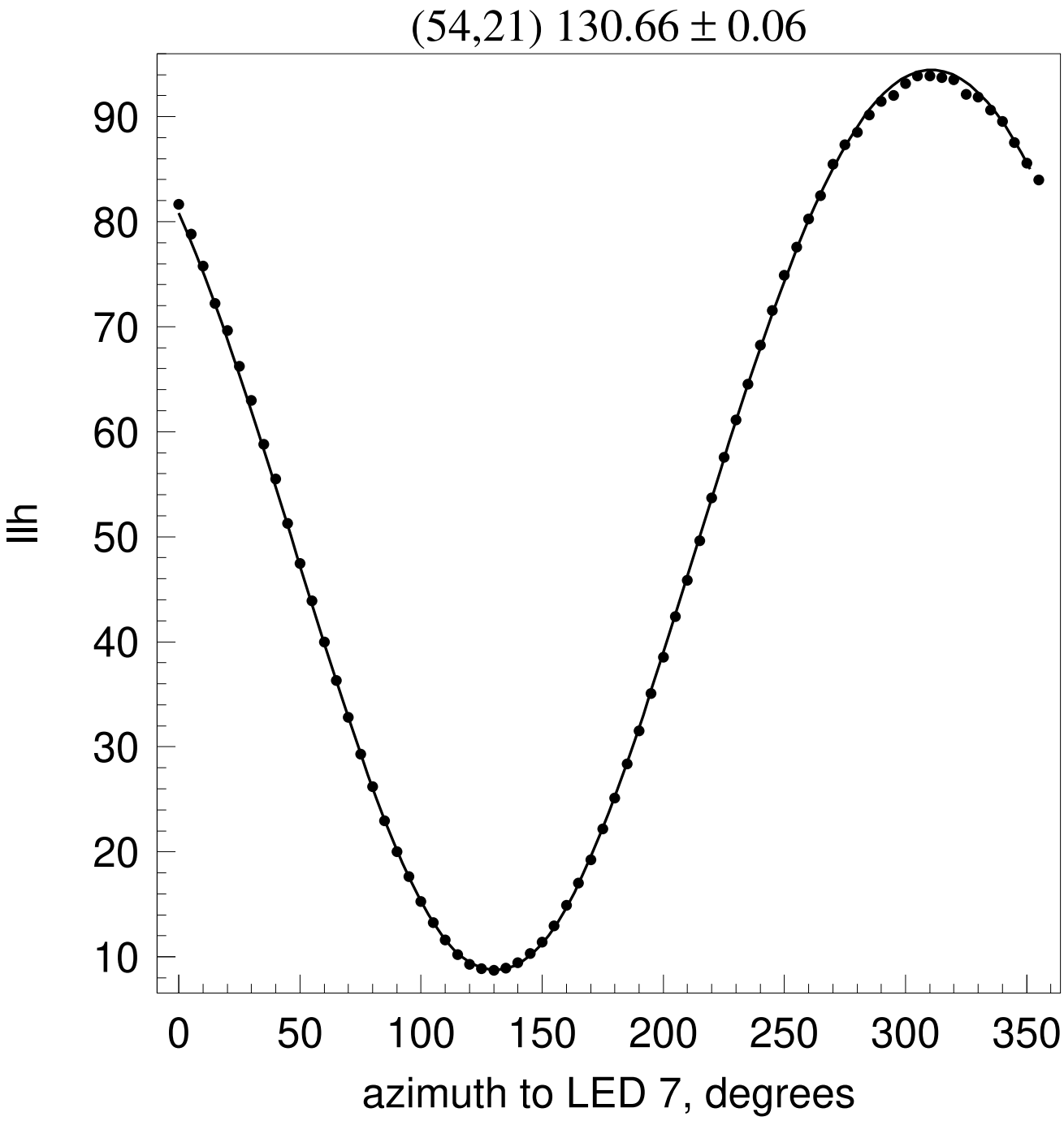

(54,16) 260.86 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

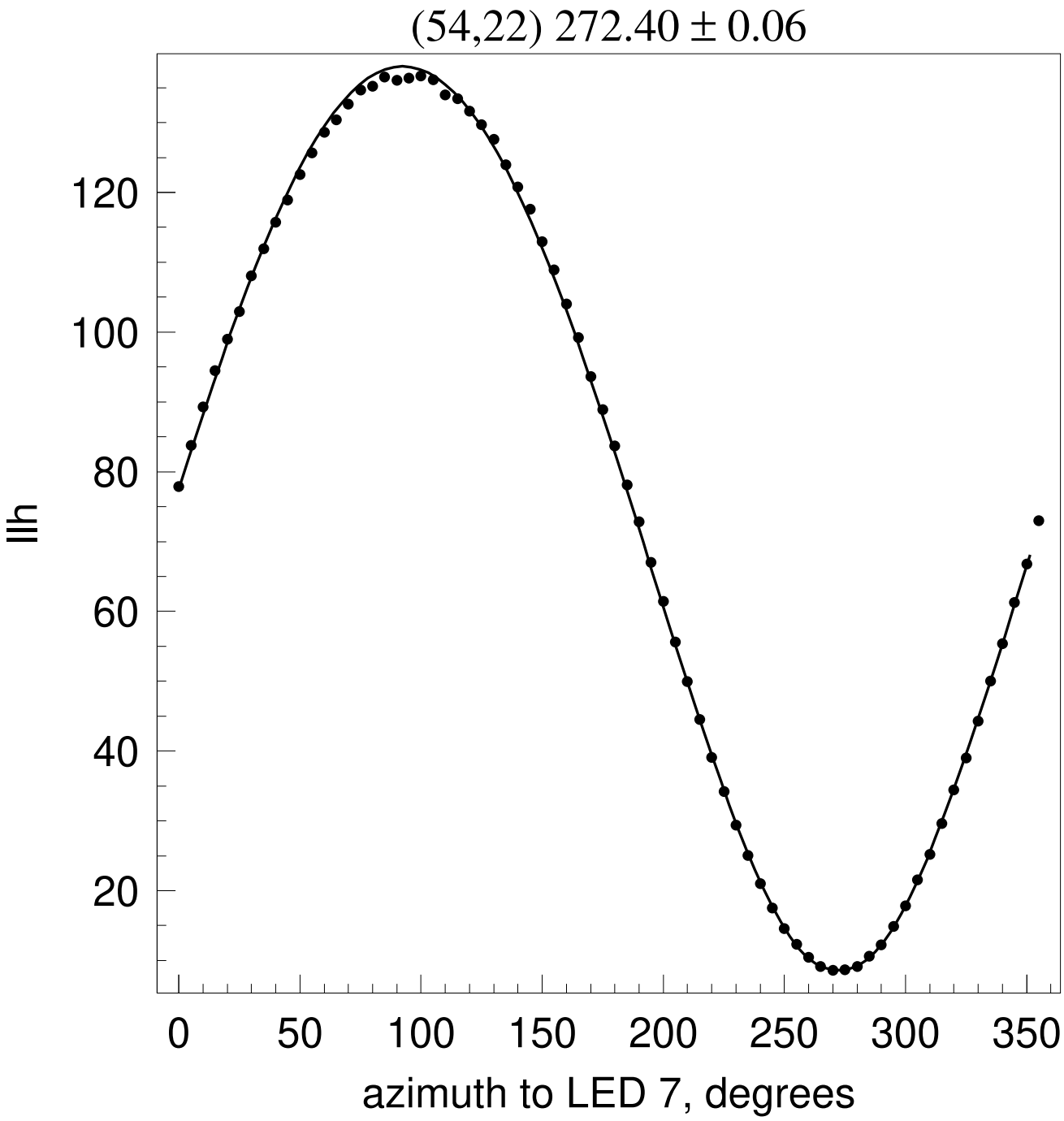

(54,17) 254.06 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

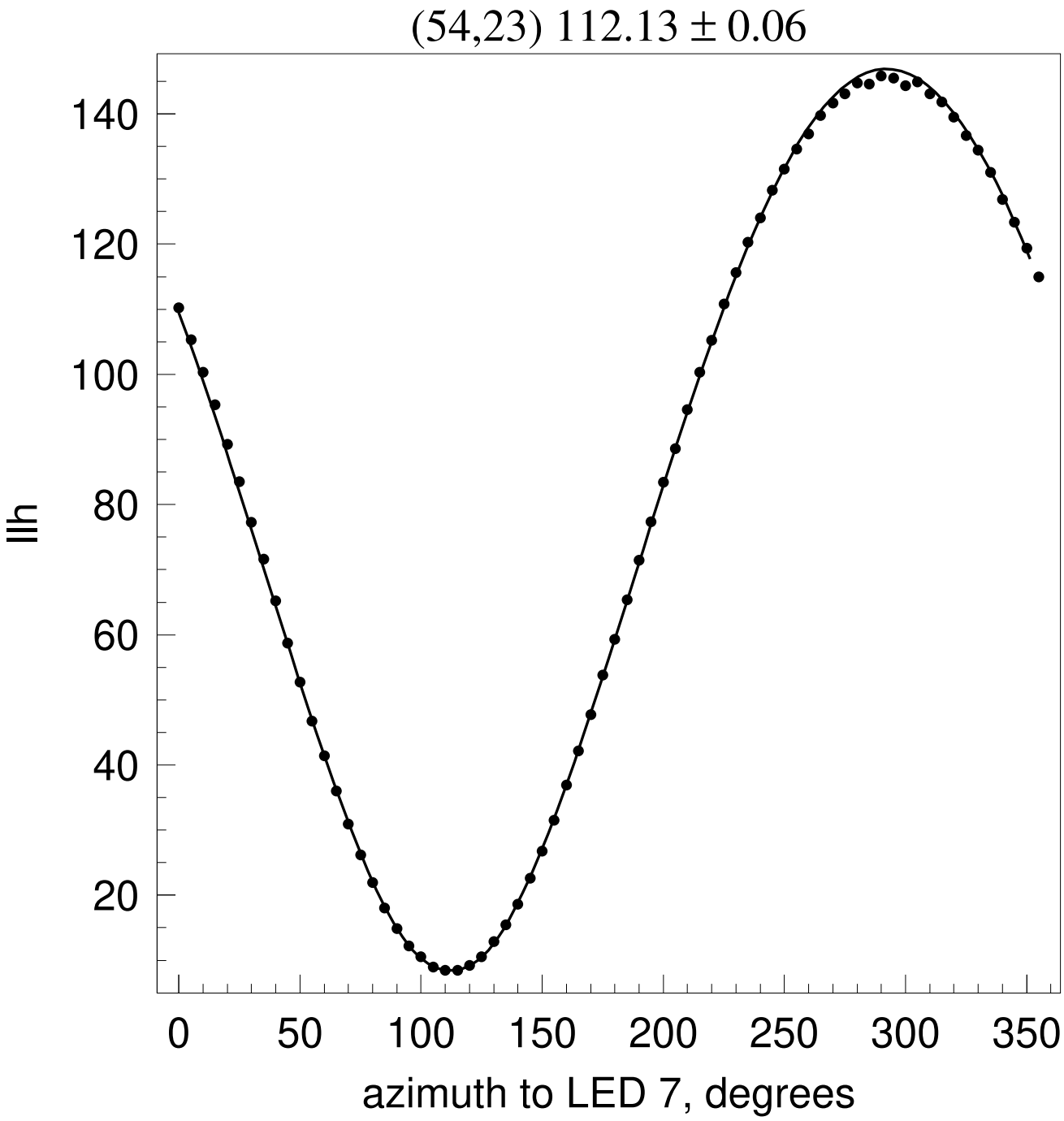

(54,18) 63.20 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

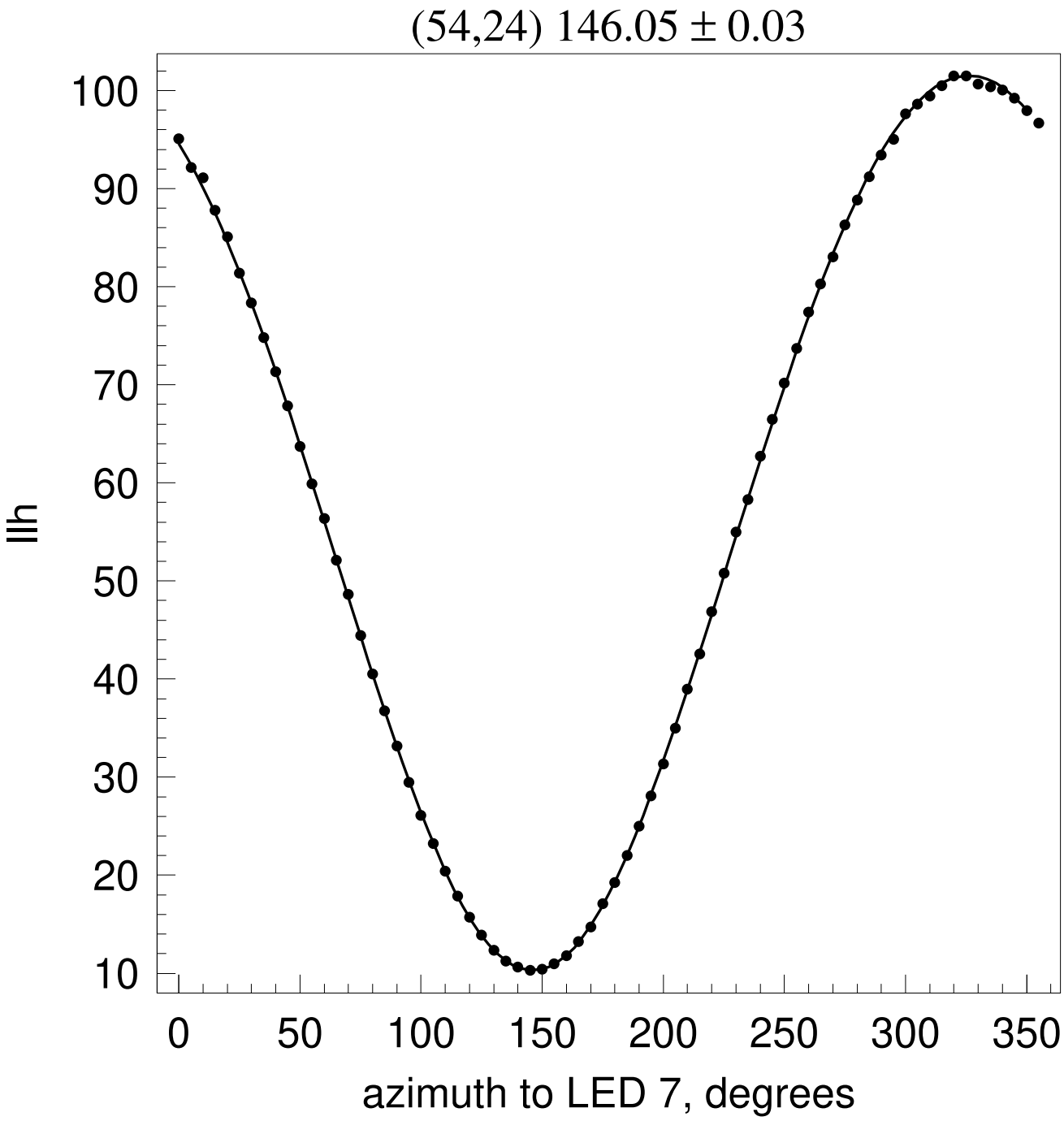

(54,19) 57.15 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

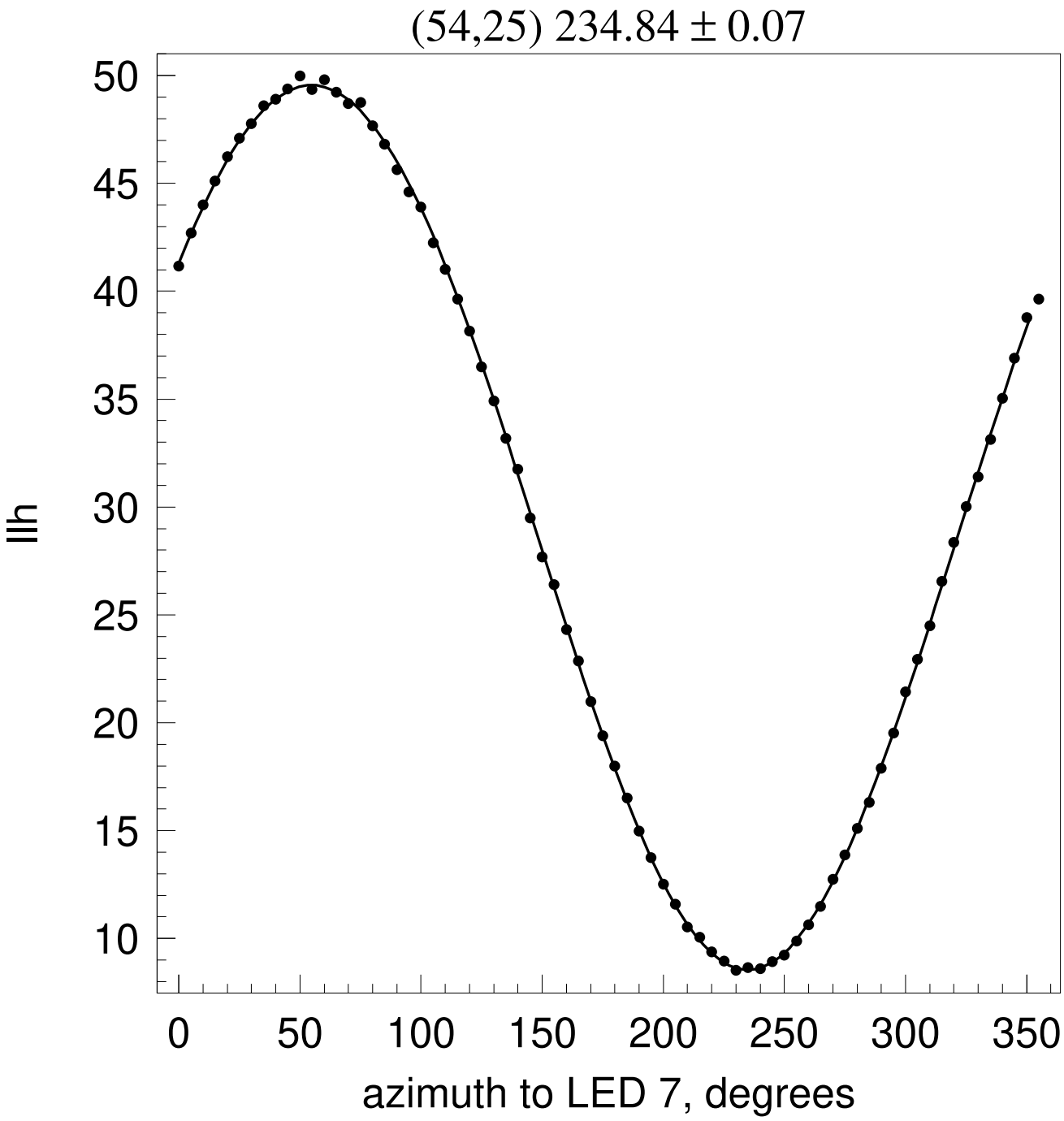

(54,20) 64.34 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

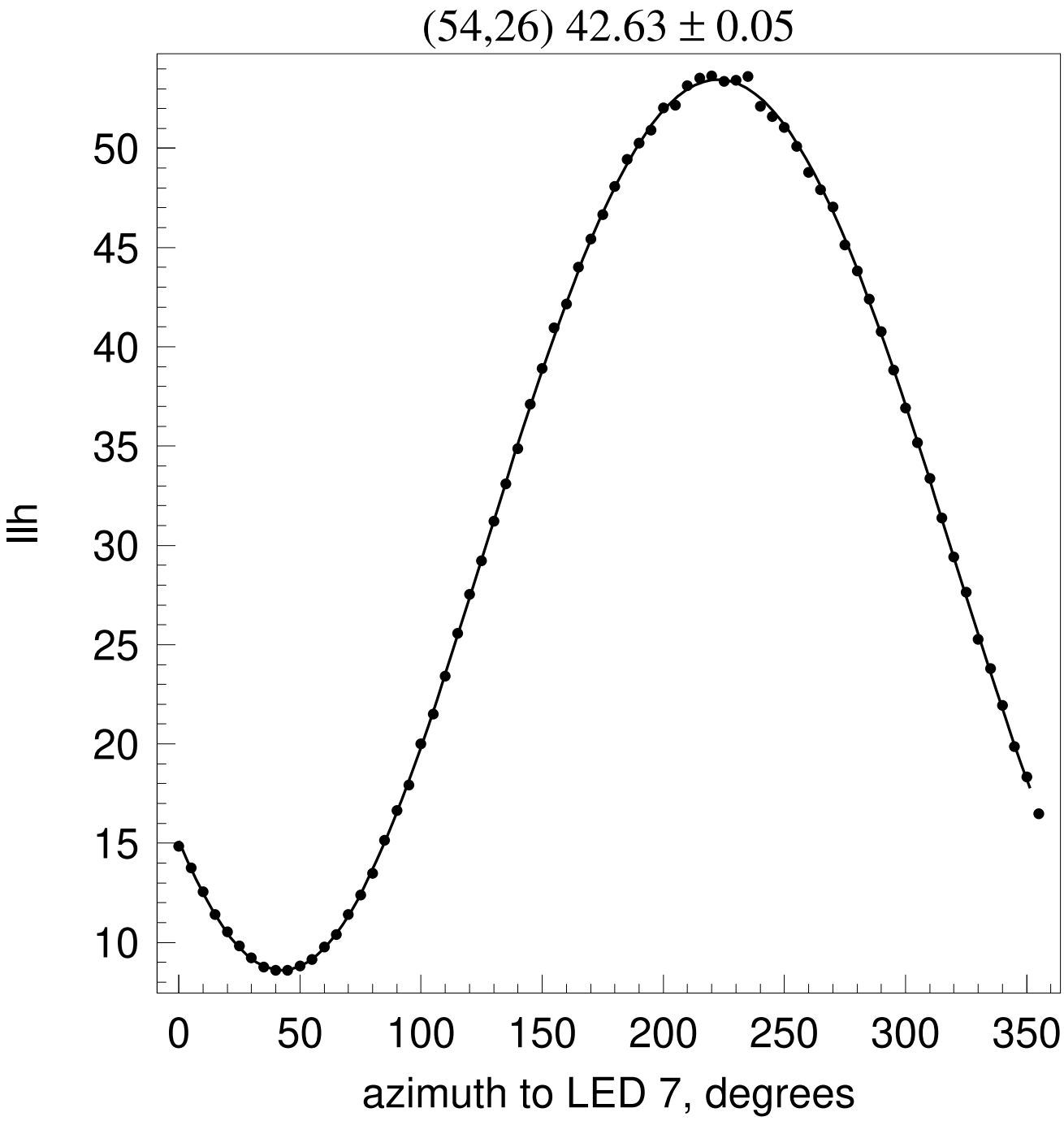

(54,21) 130.66 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

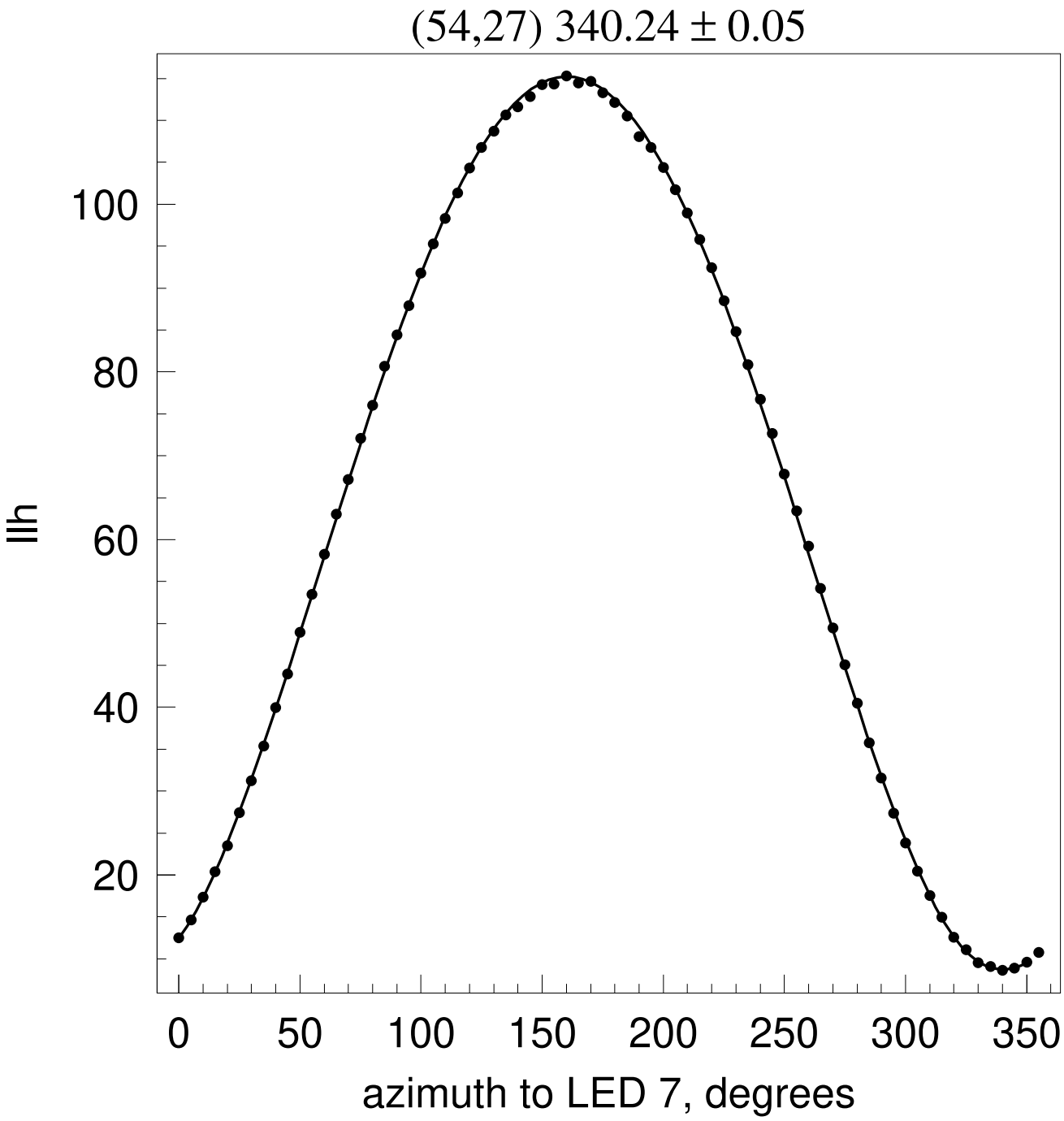

(54,22) 272.40 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

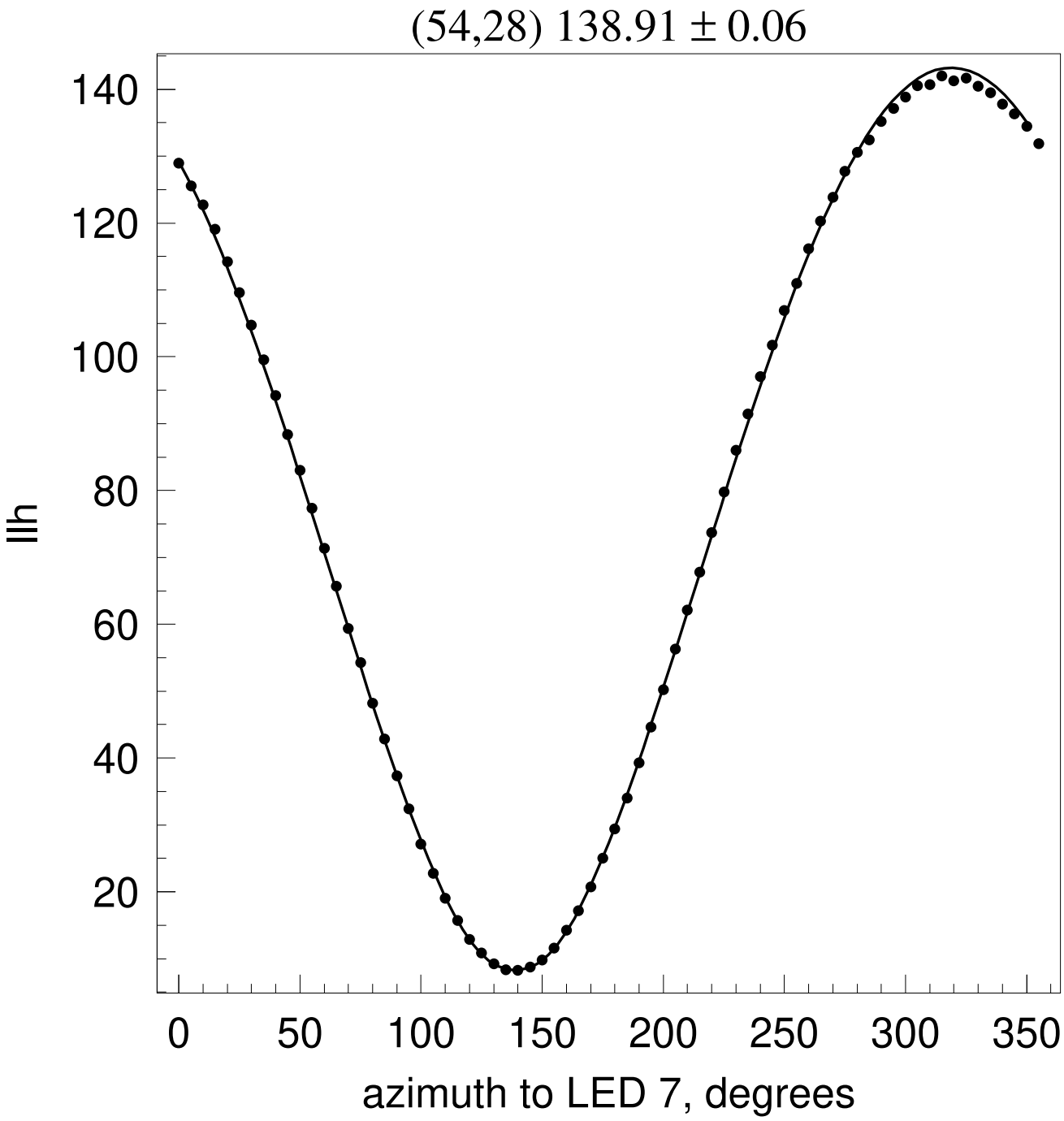

(54,23) 112.13 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

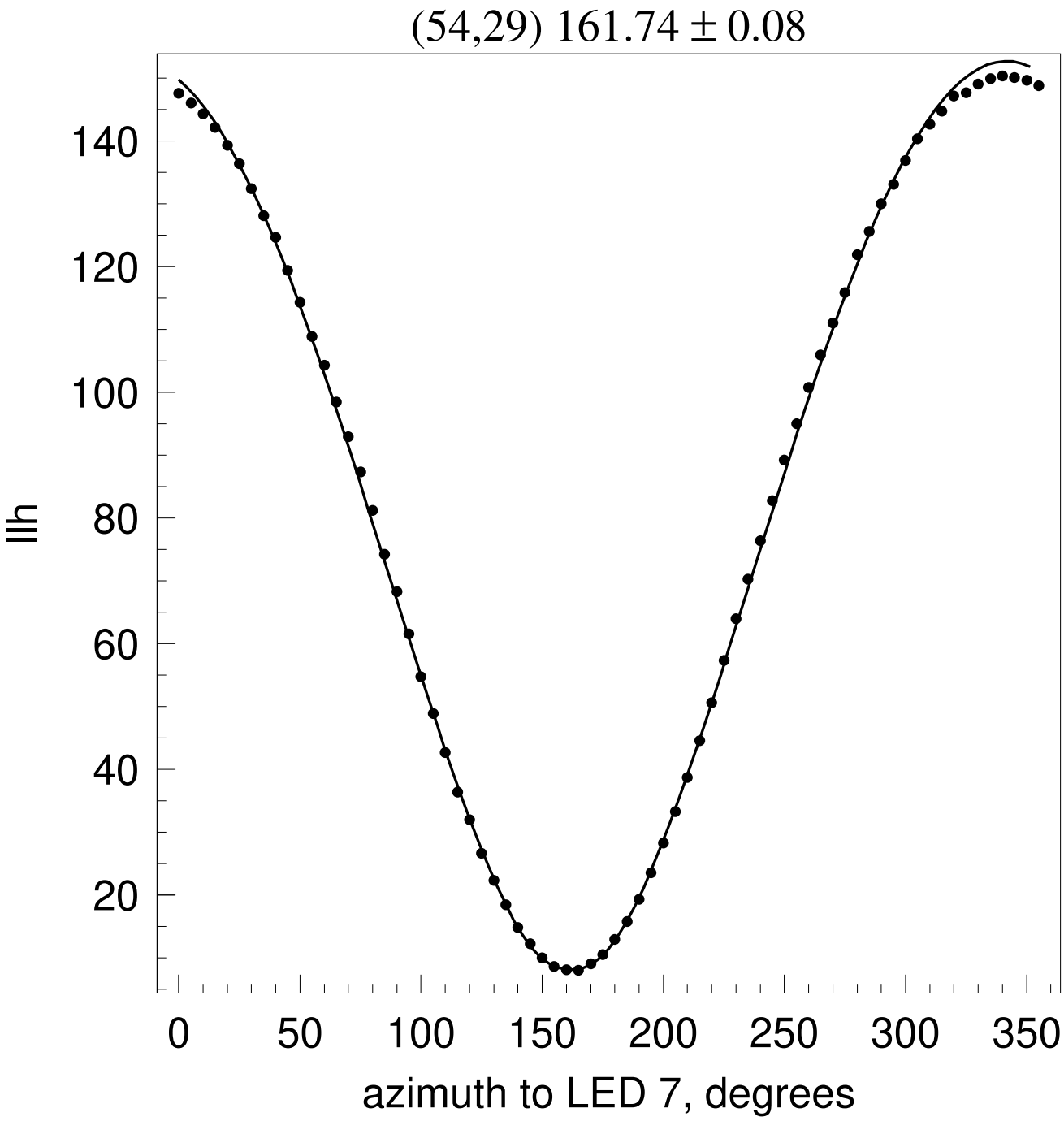

(54,24) 146.05 ± 0.03
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

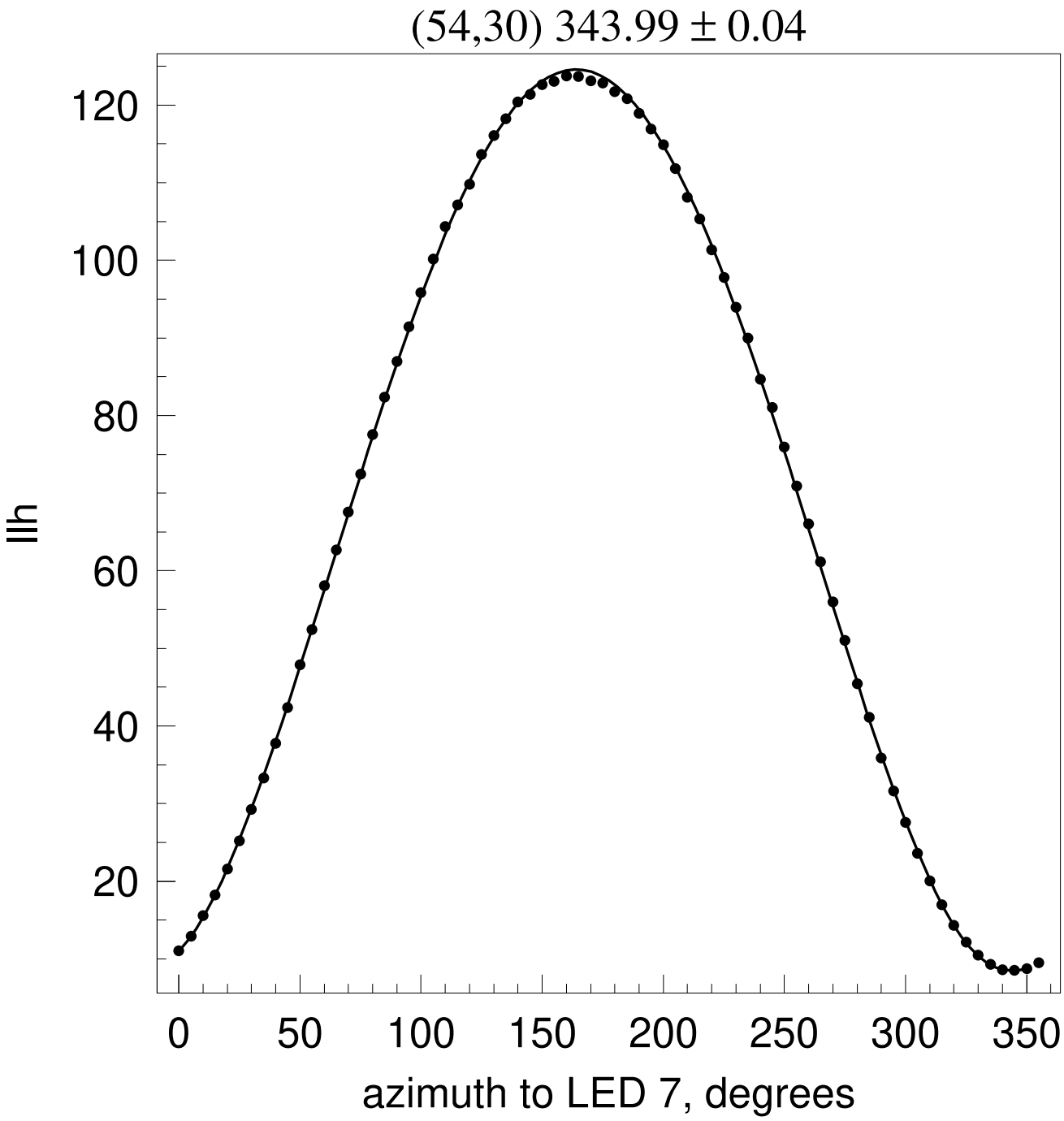

(54,25) 234.84 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

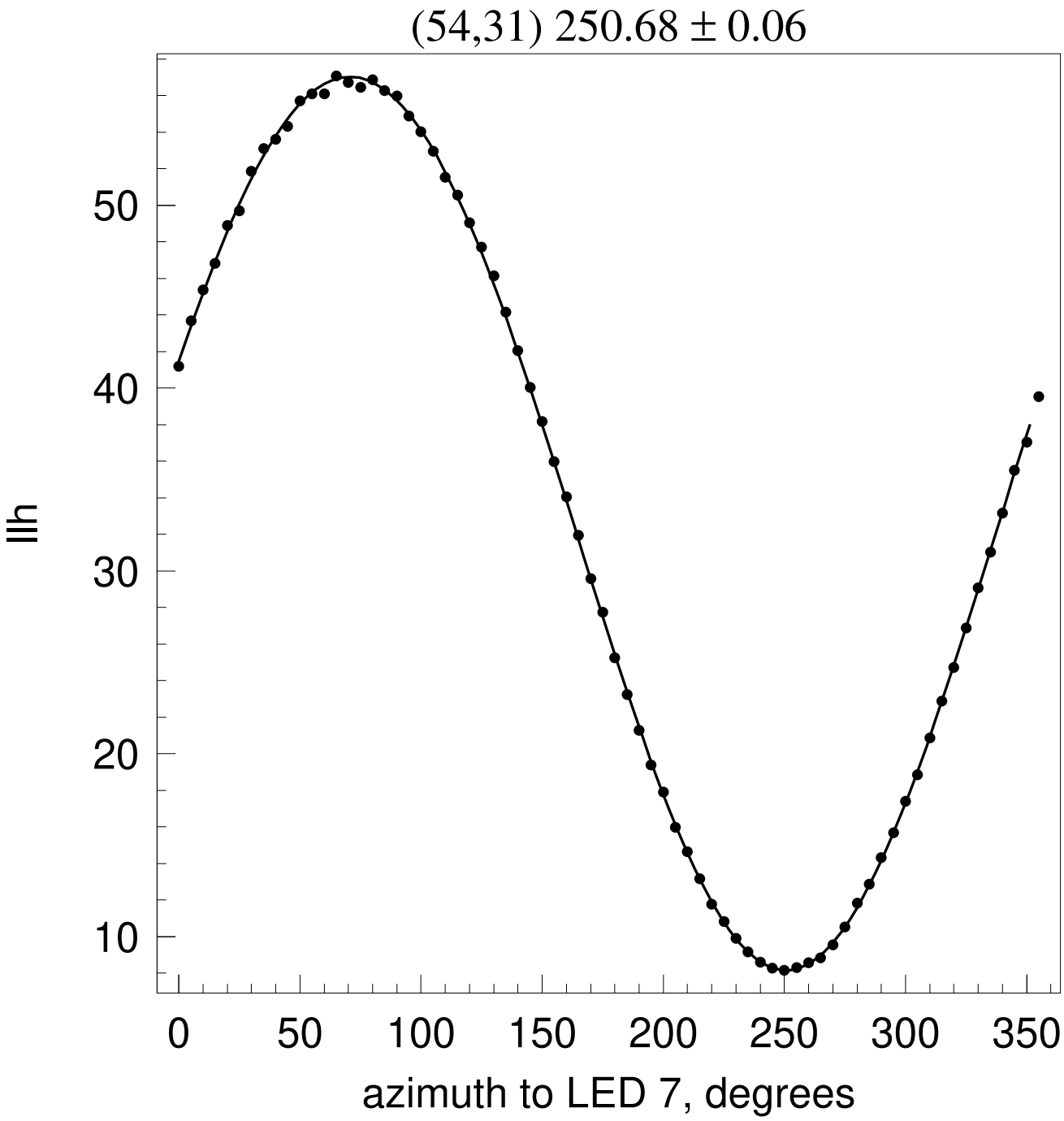

(54,26) 42.63 ± 0.05
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

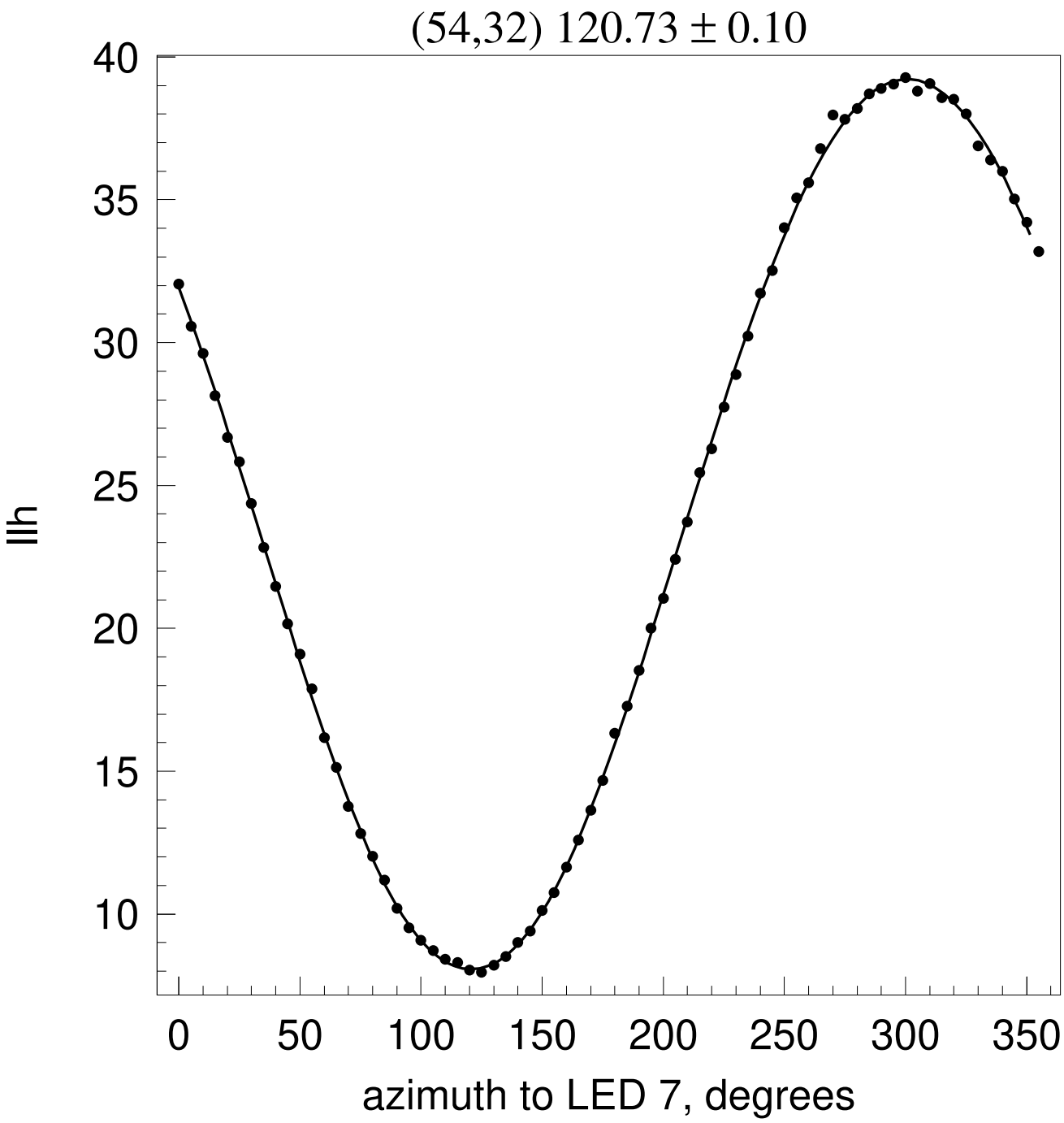

(54,27) 340.24 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

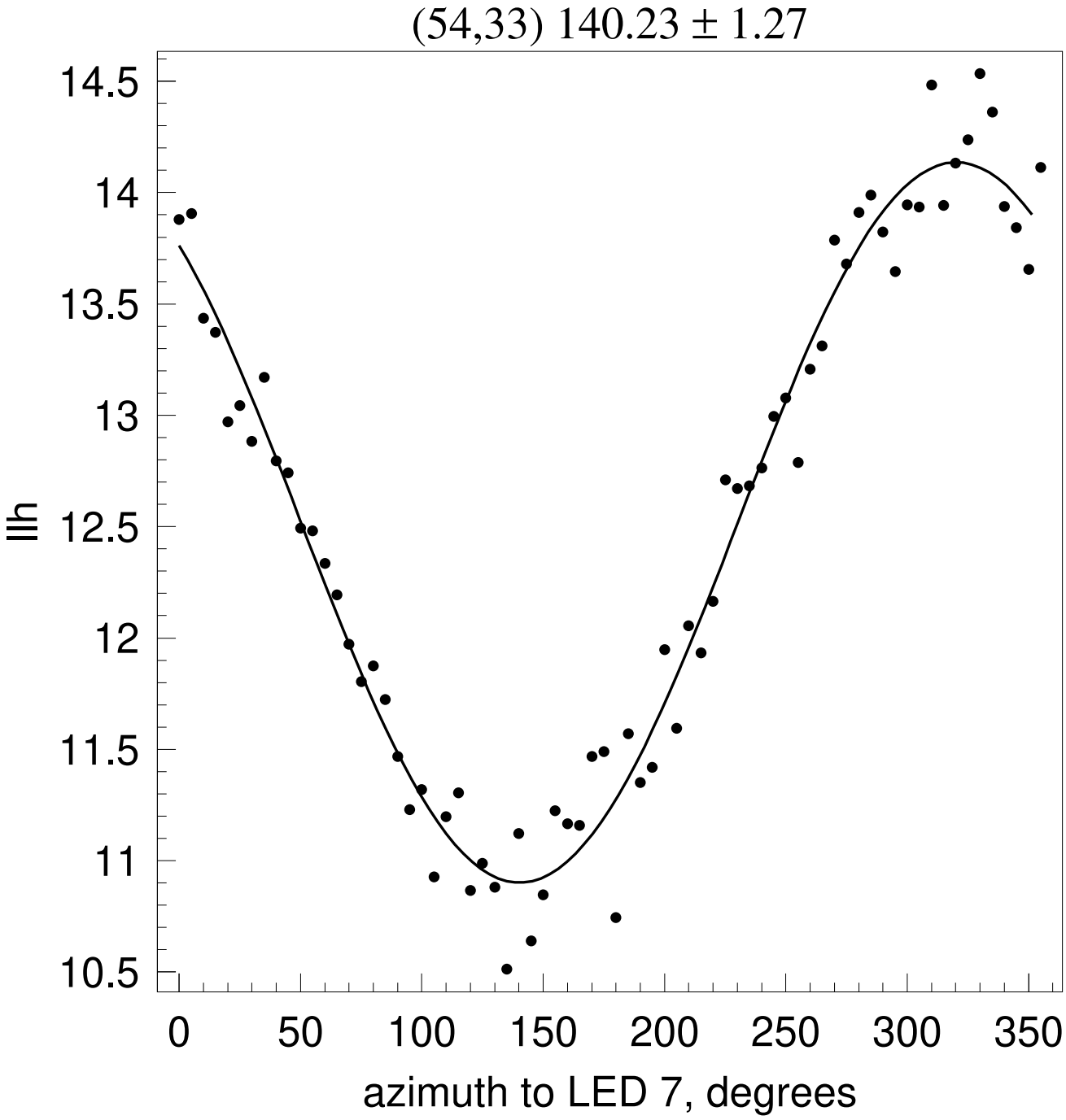

(54,28) 138.91 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

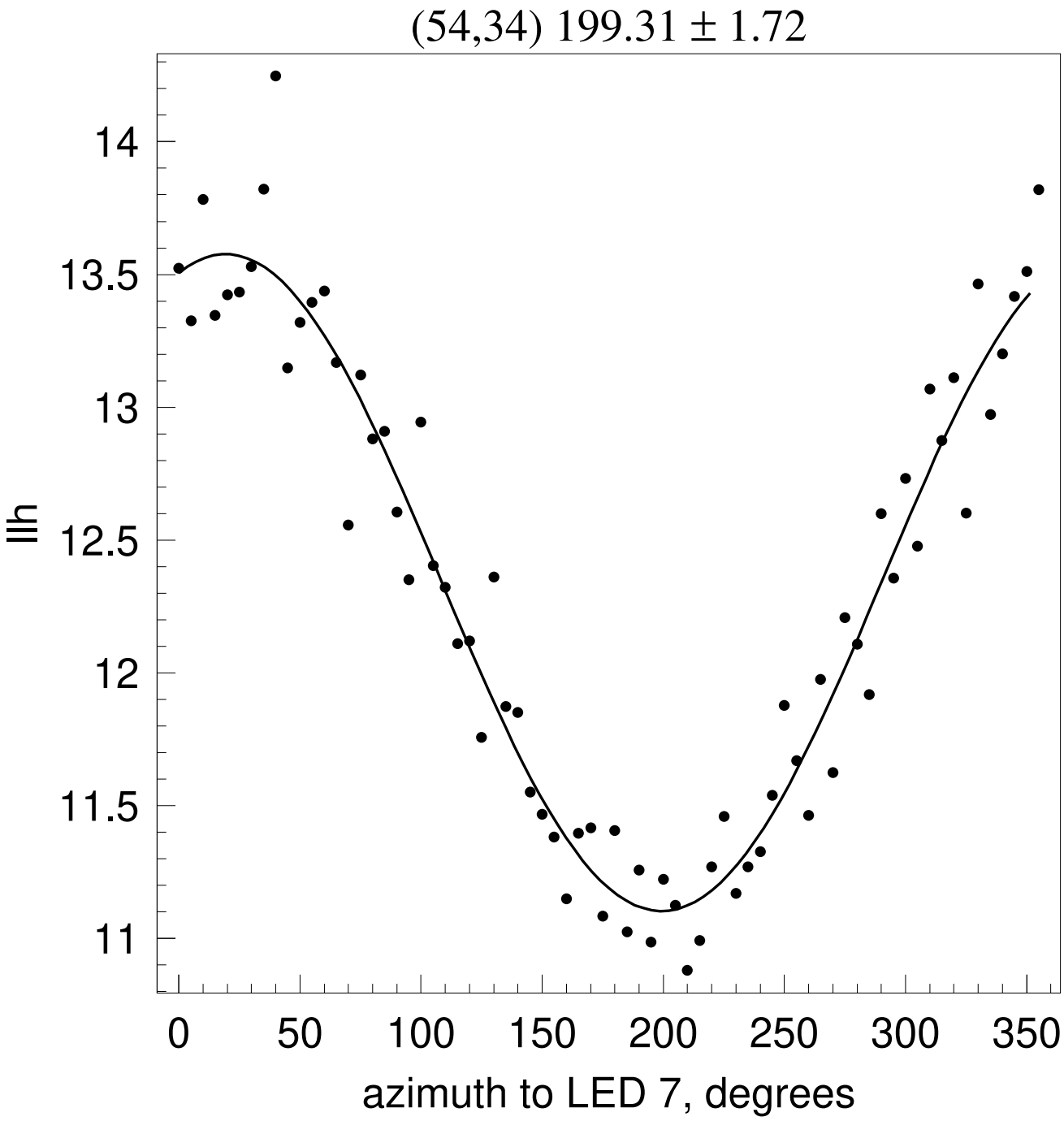

(54,29) 161.74 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

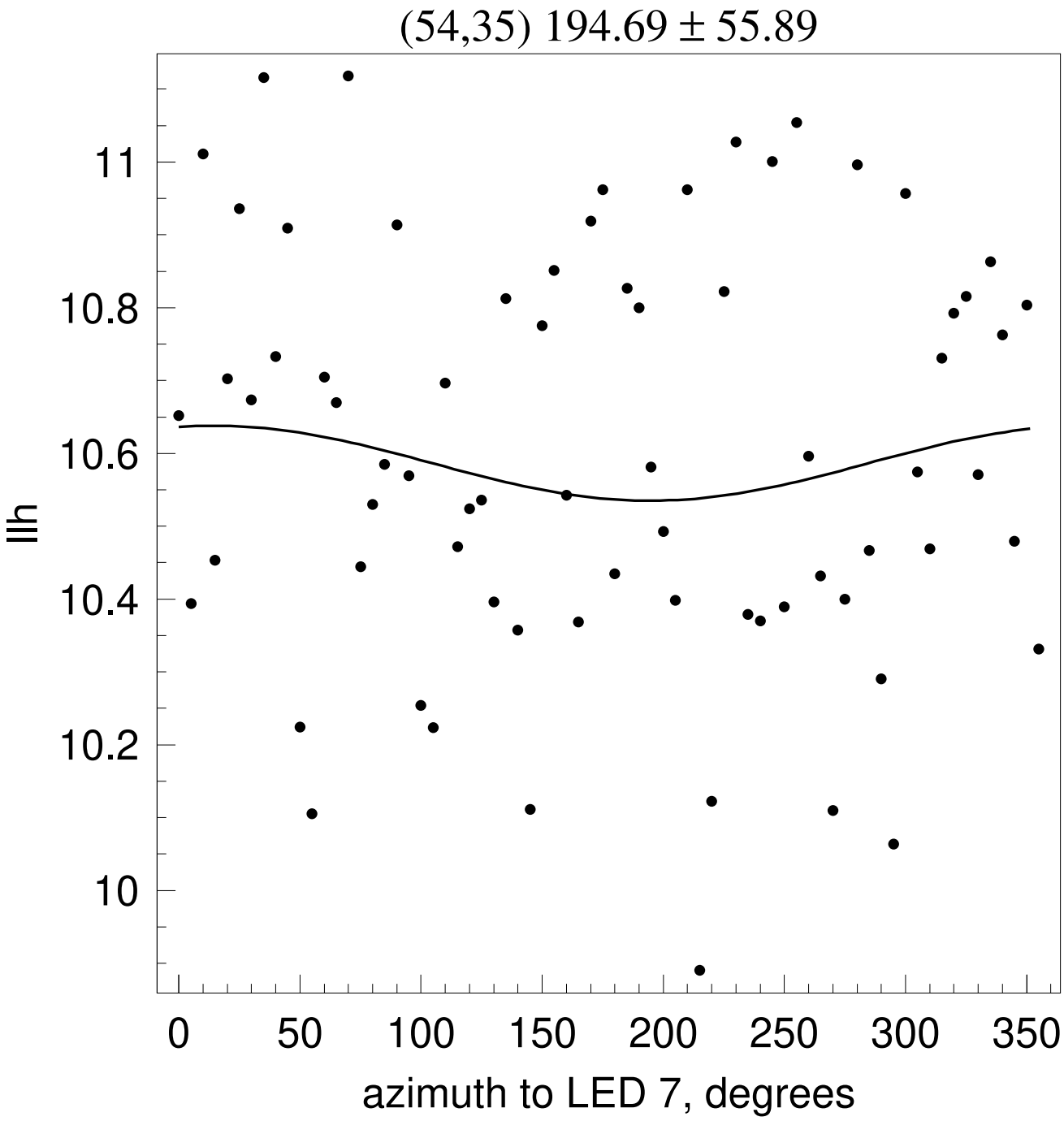

(54,30) 343.99 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

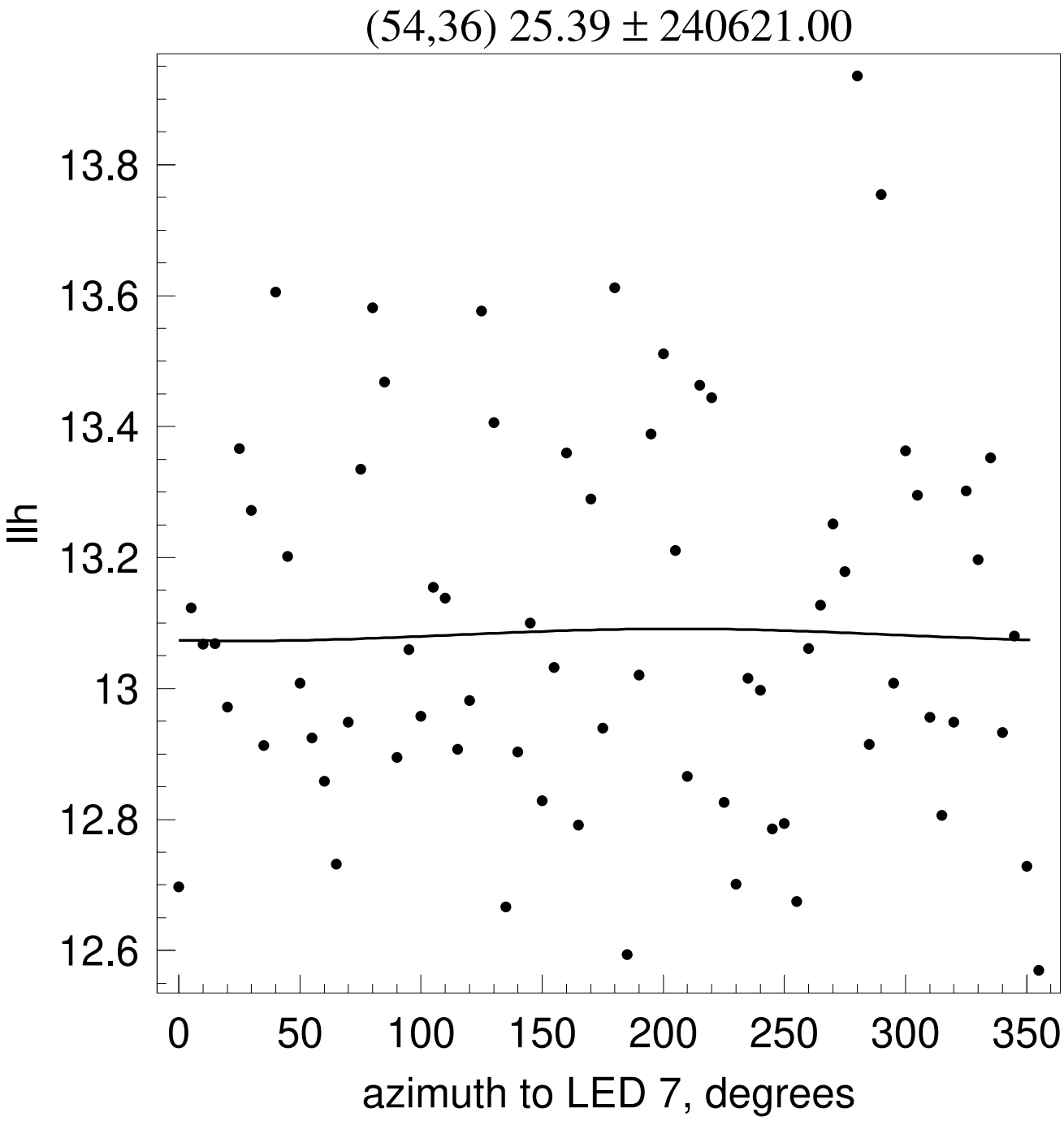

(54,31) 250.68 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

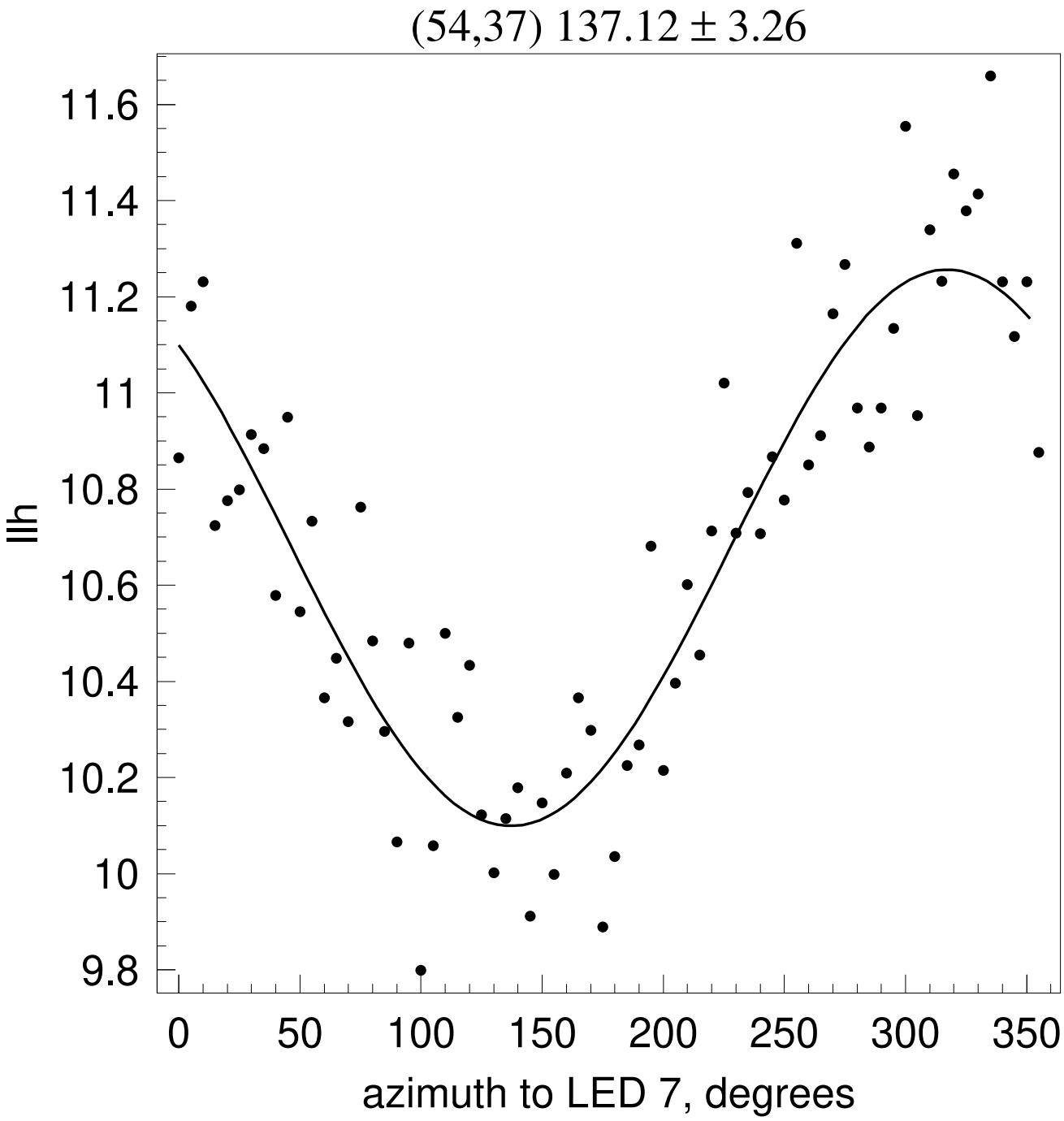

(54,32) 120.73 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

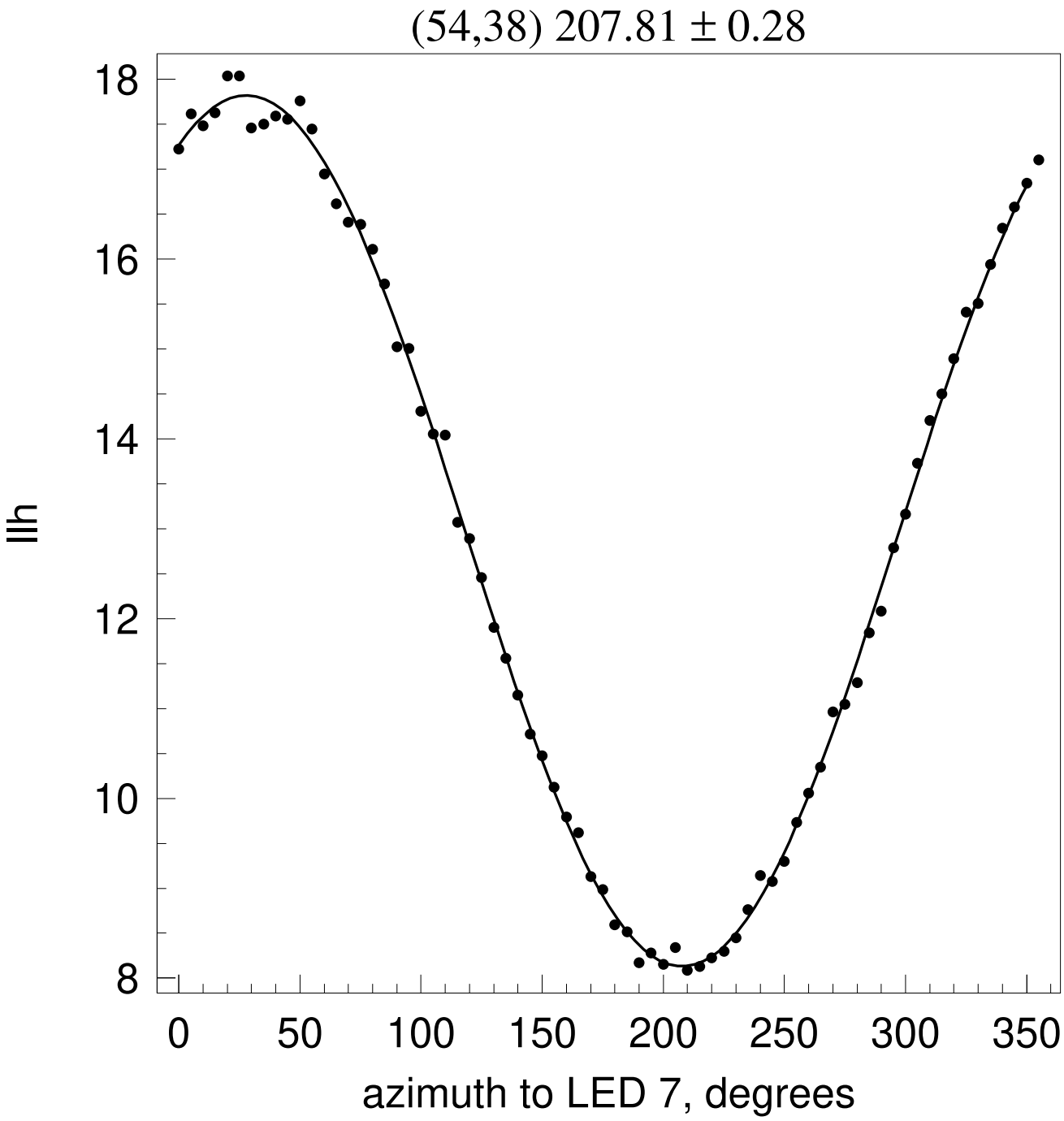

(54,33) 140.23 ± 1.27
14.5
14
13.5
13
12.5
12
11.5
11
10.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

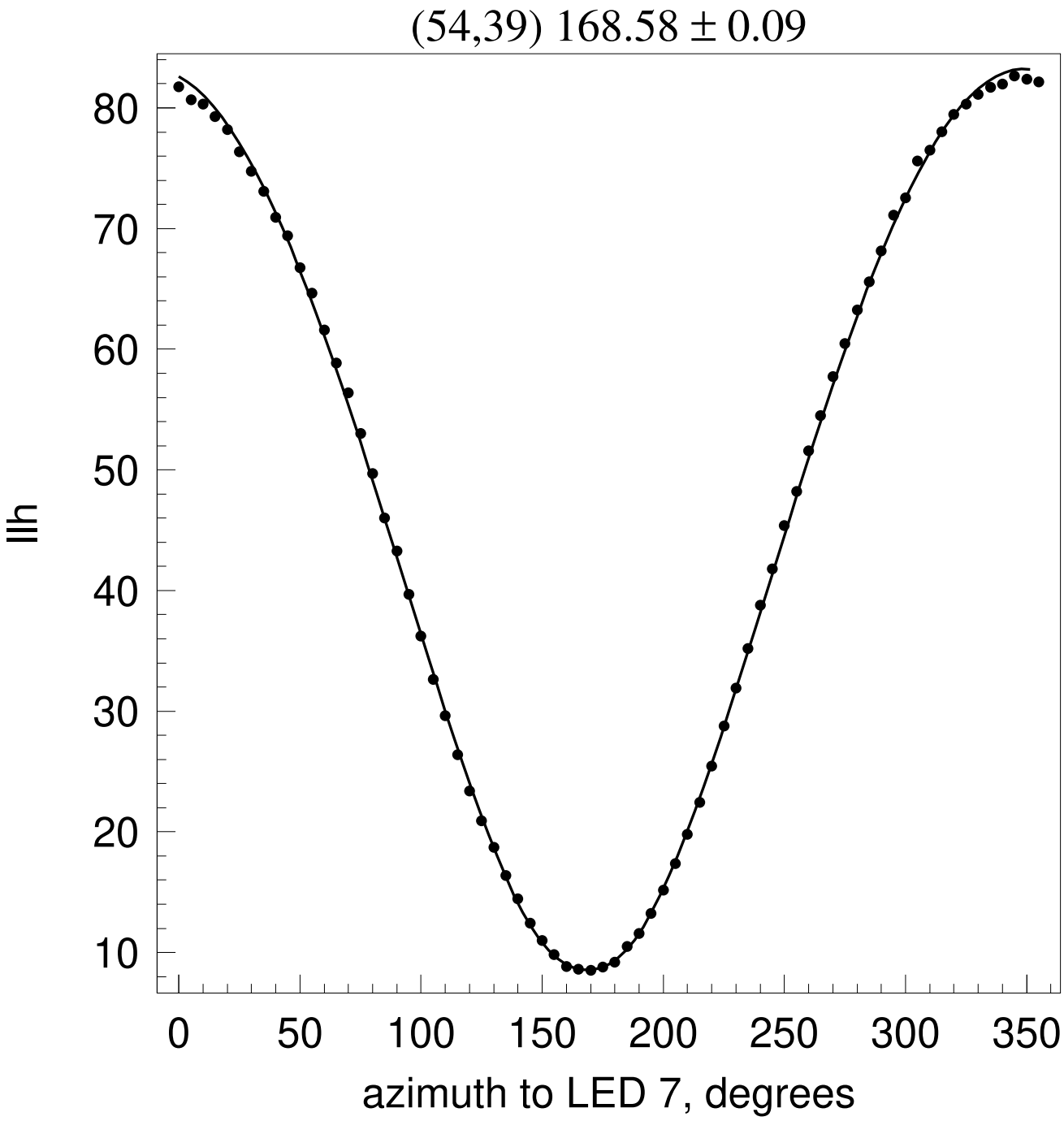

(54,34) 199.31 ± 1.72
14
13.5
13
12.5
12
11.5
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

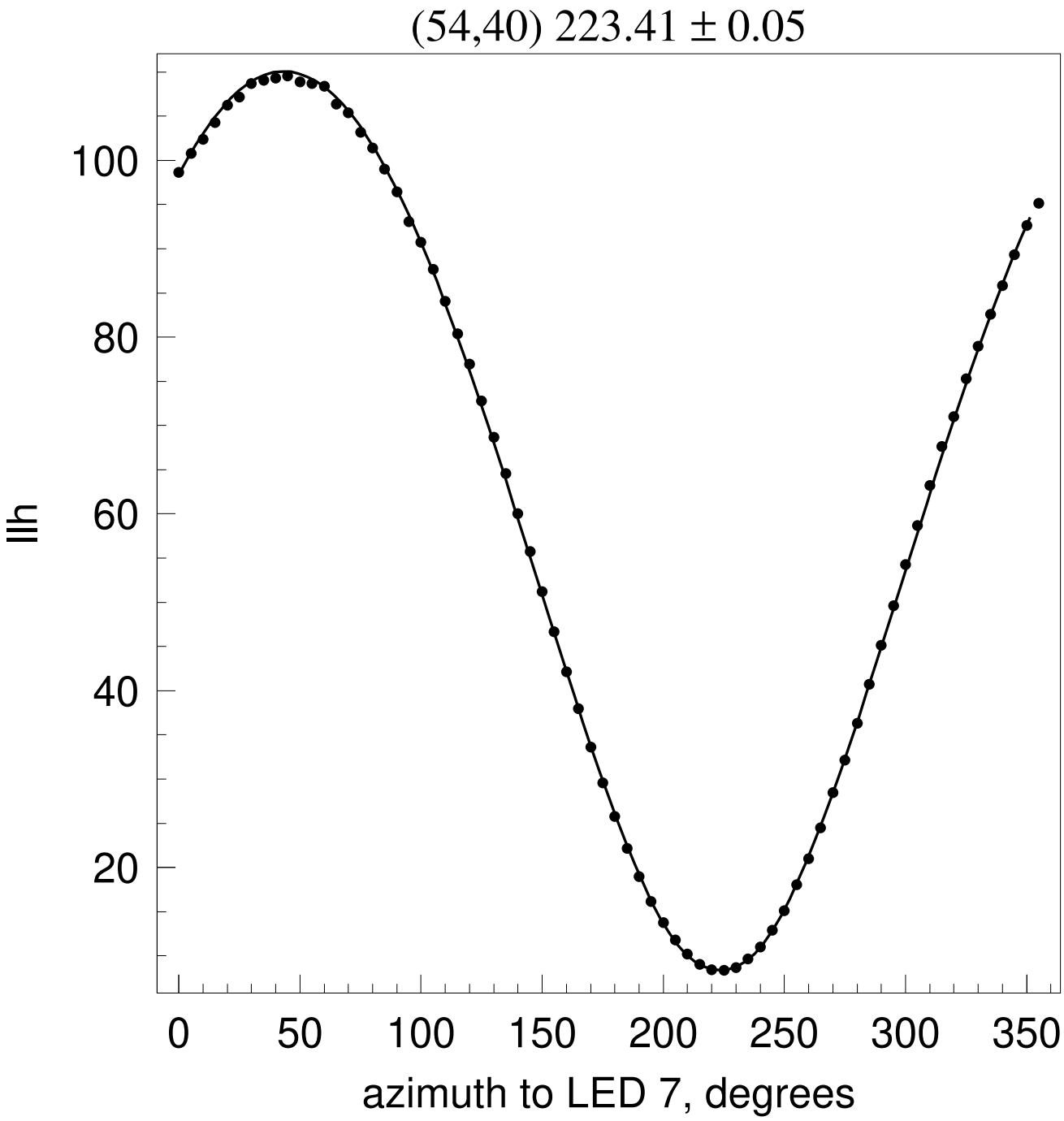

(54,35) 194.69 ± 55.89
11
10.8
10.6
10.4
10.2
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

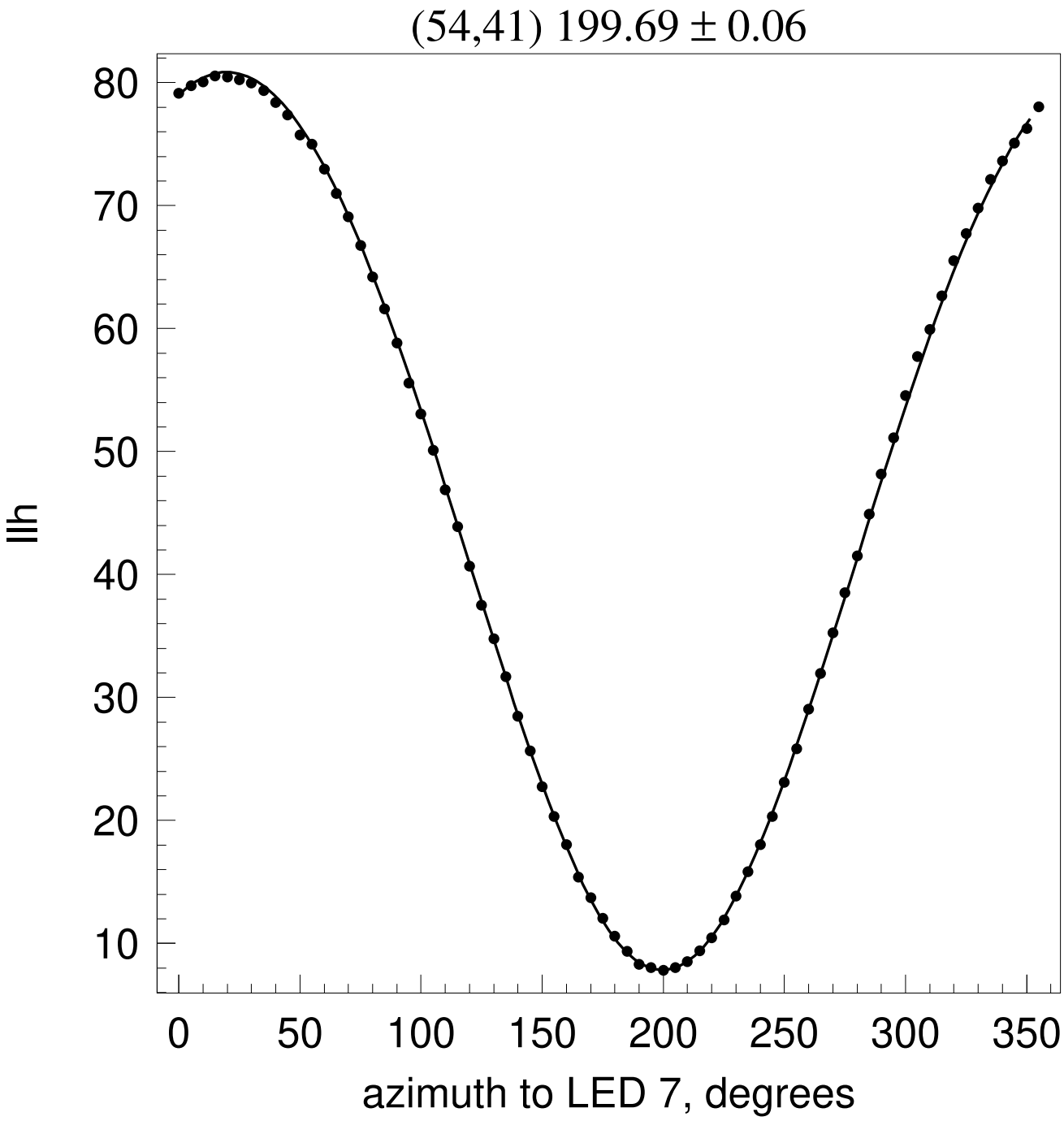

(54,36) 25.39 ± 240621.00
13.8
13.6
13.4
13.2
13
12.8
12.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

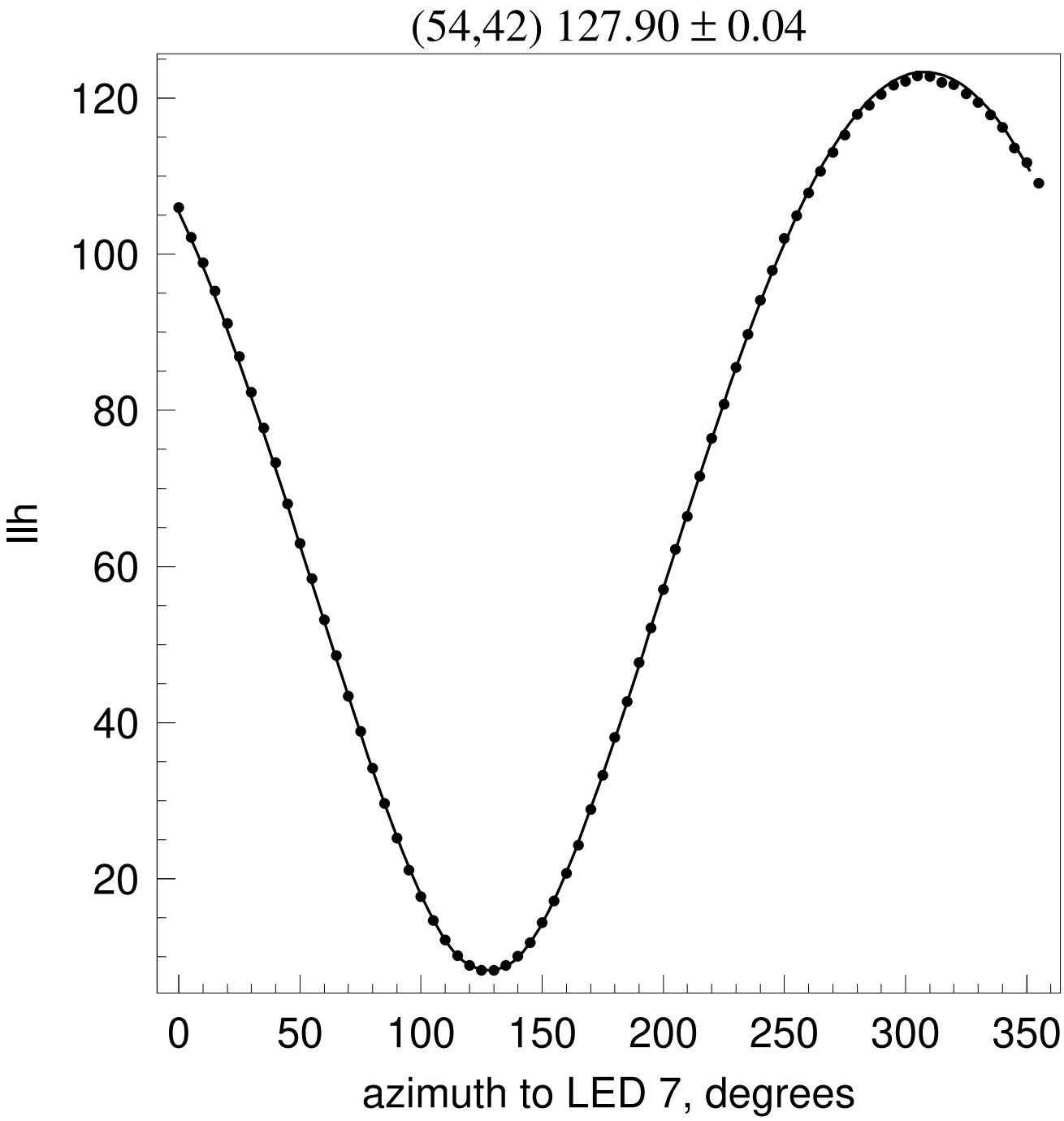

(54,37) 137.12 ± 3.26
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
10
9.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

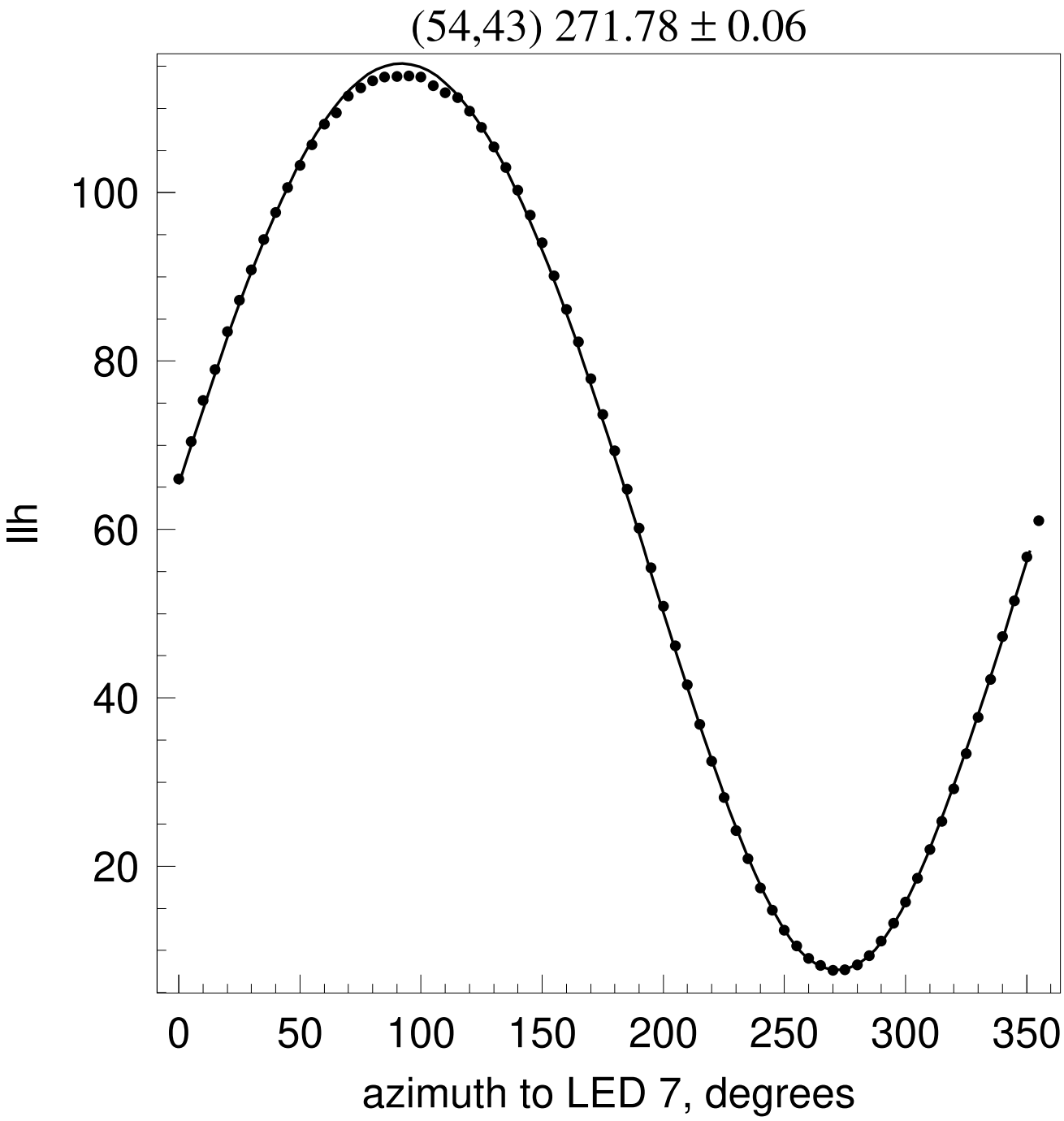

(54,38) 207.81 ± 0.28
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

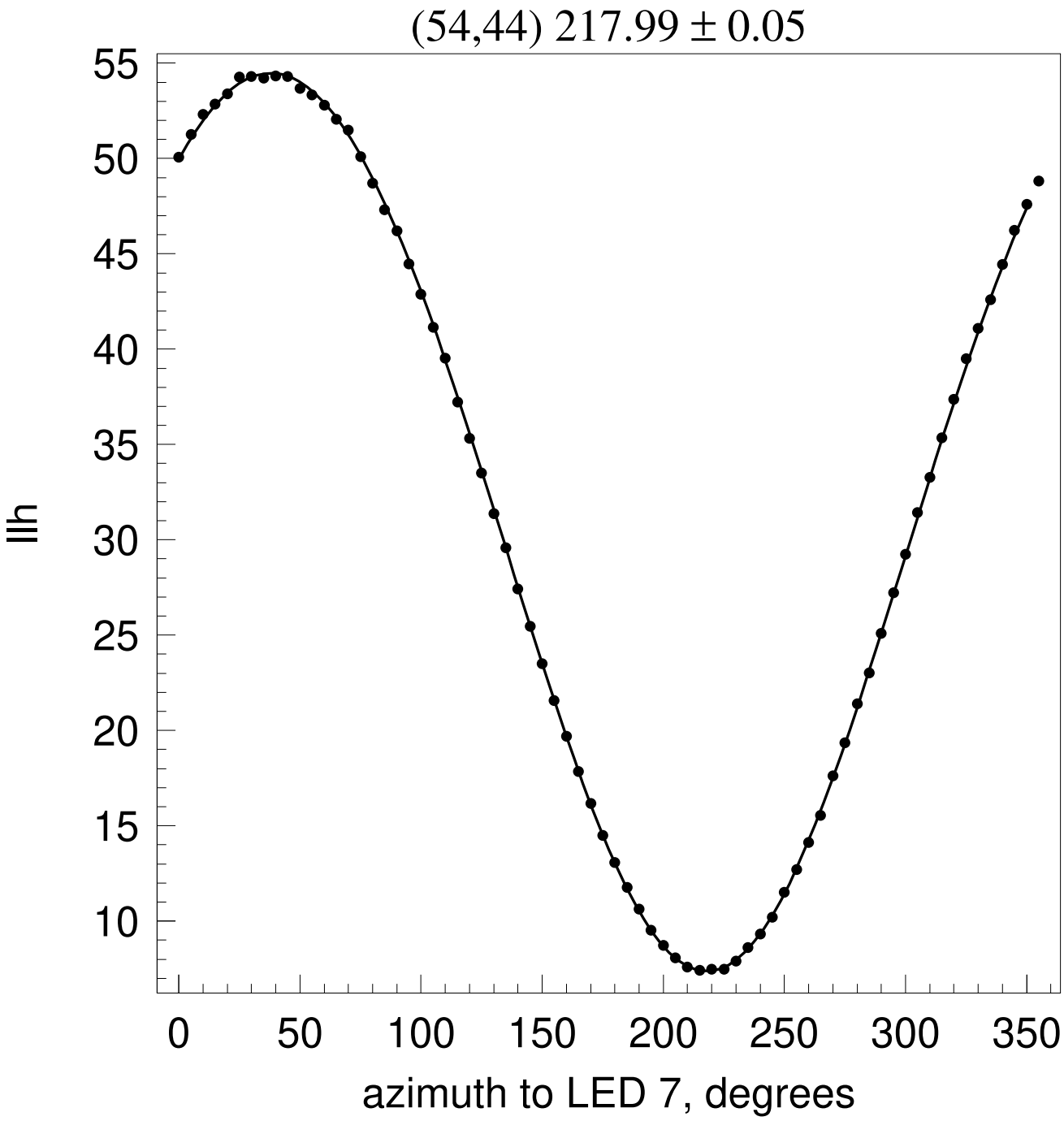

(54,39) 168.58 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

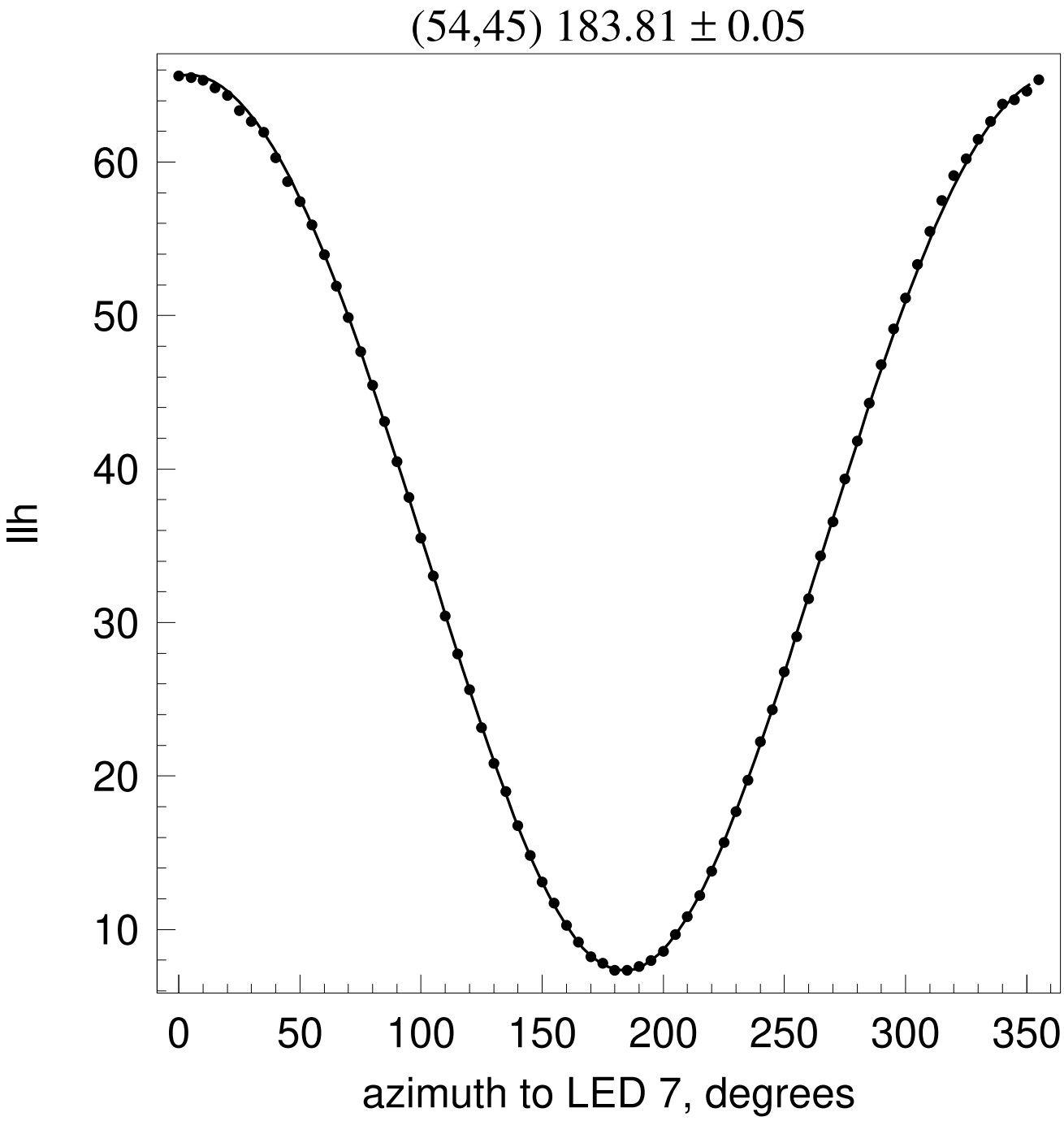

(54,40) 223.41 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

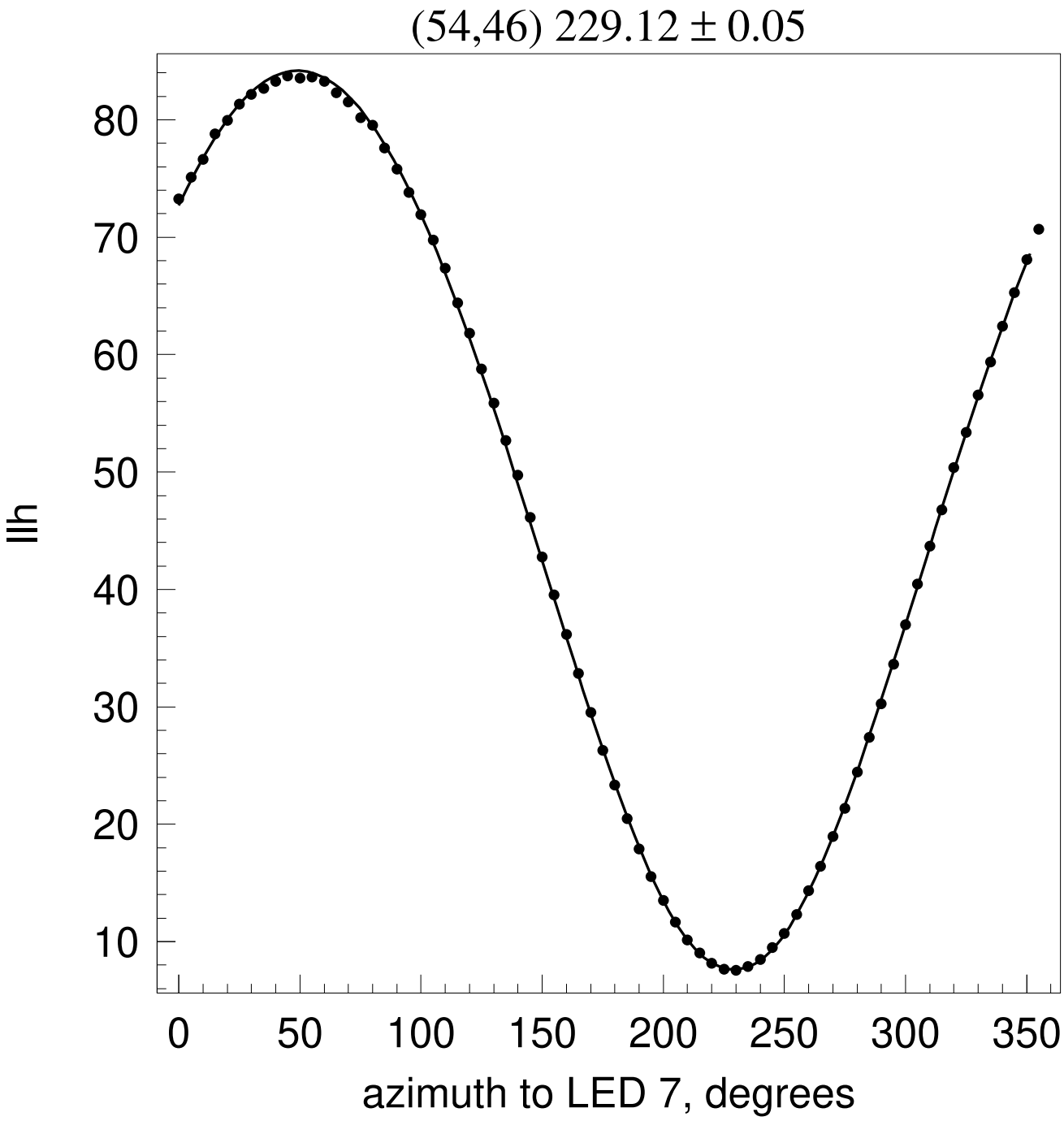

(54,41) 199.69 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

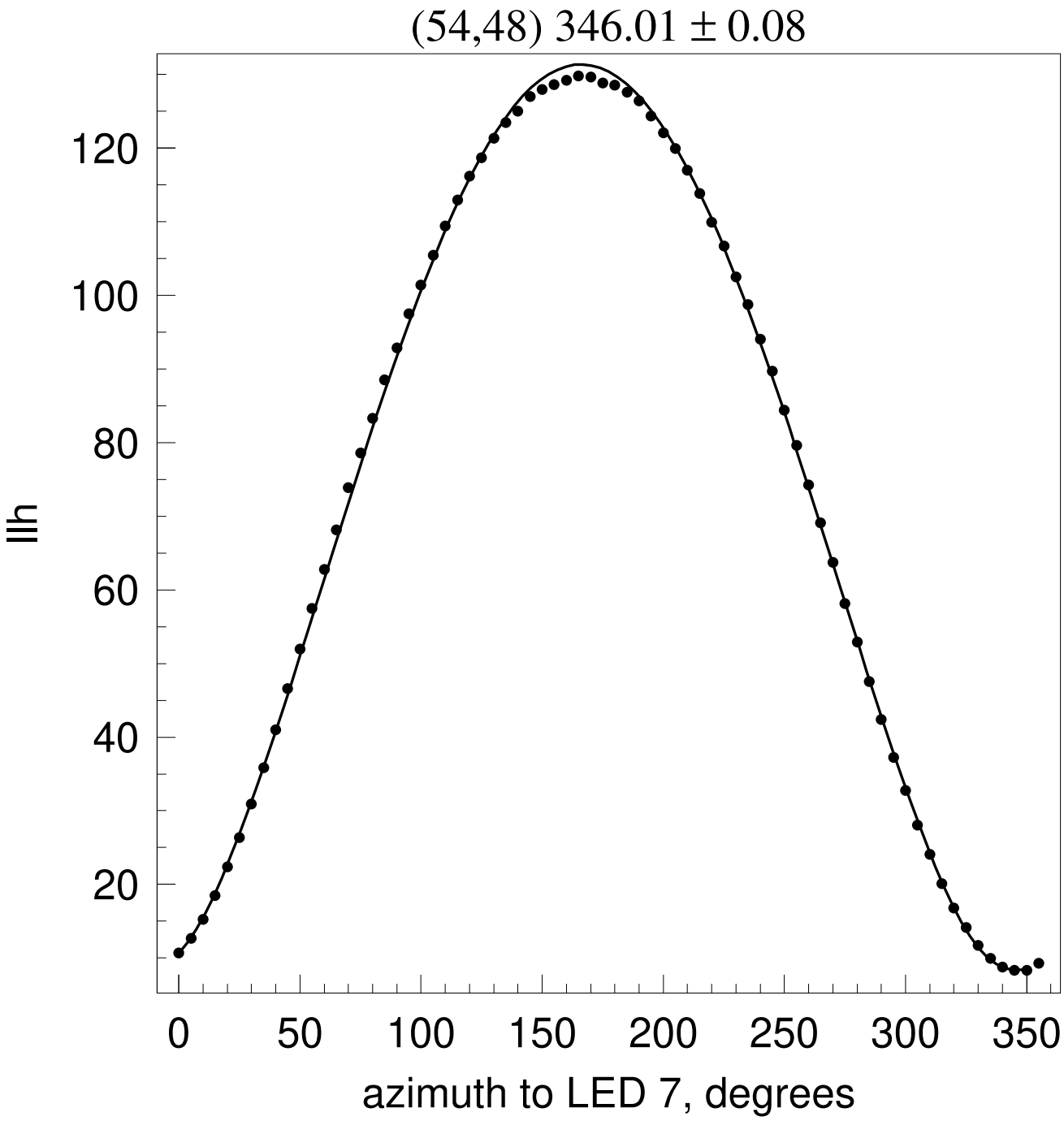

(54,42) 127.90 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

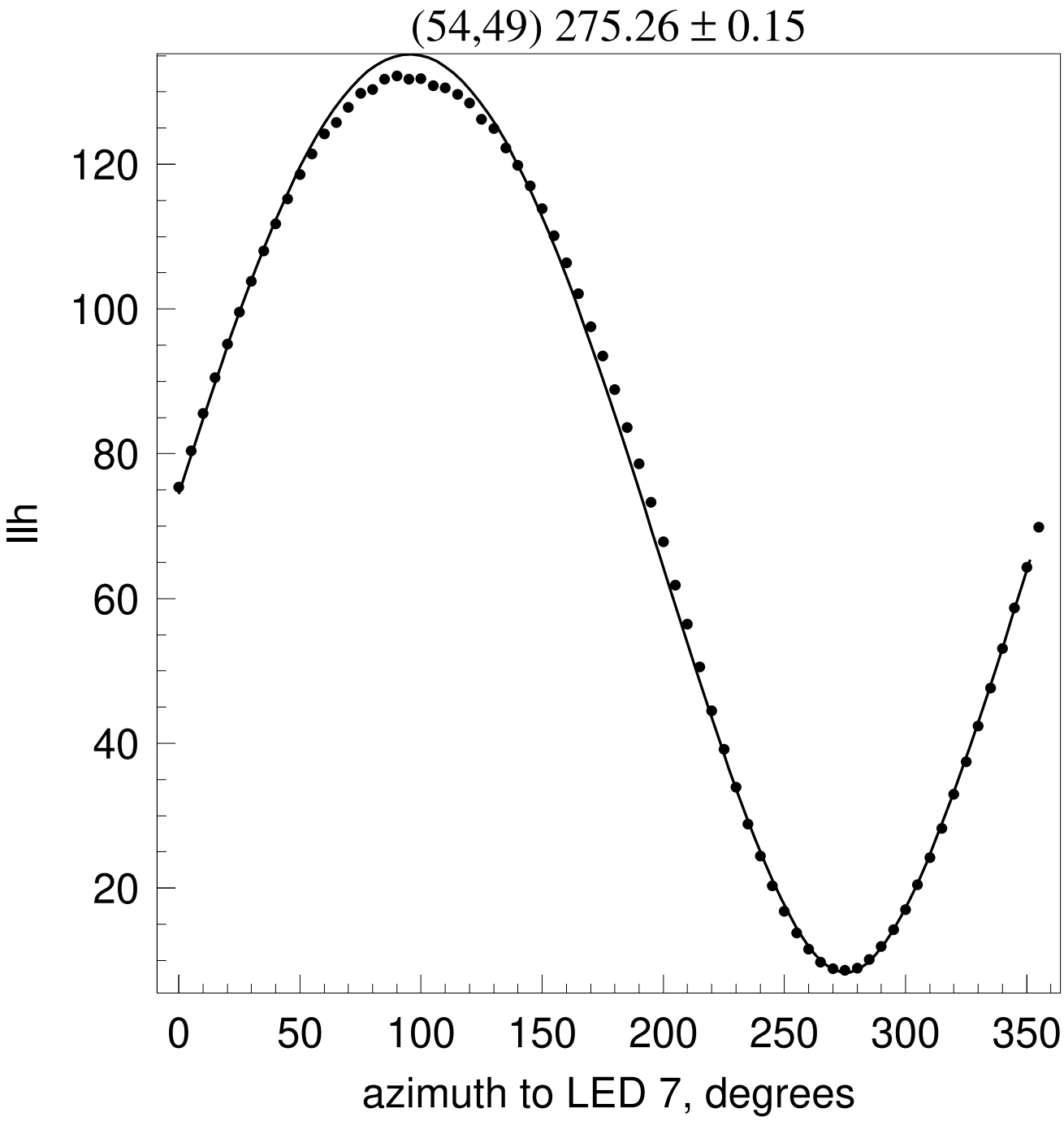

(54,43) 271.78 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

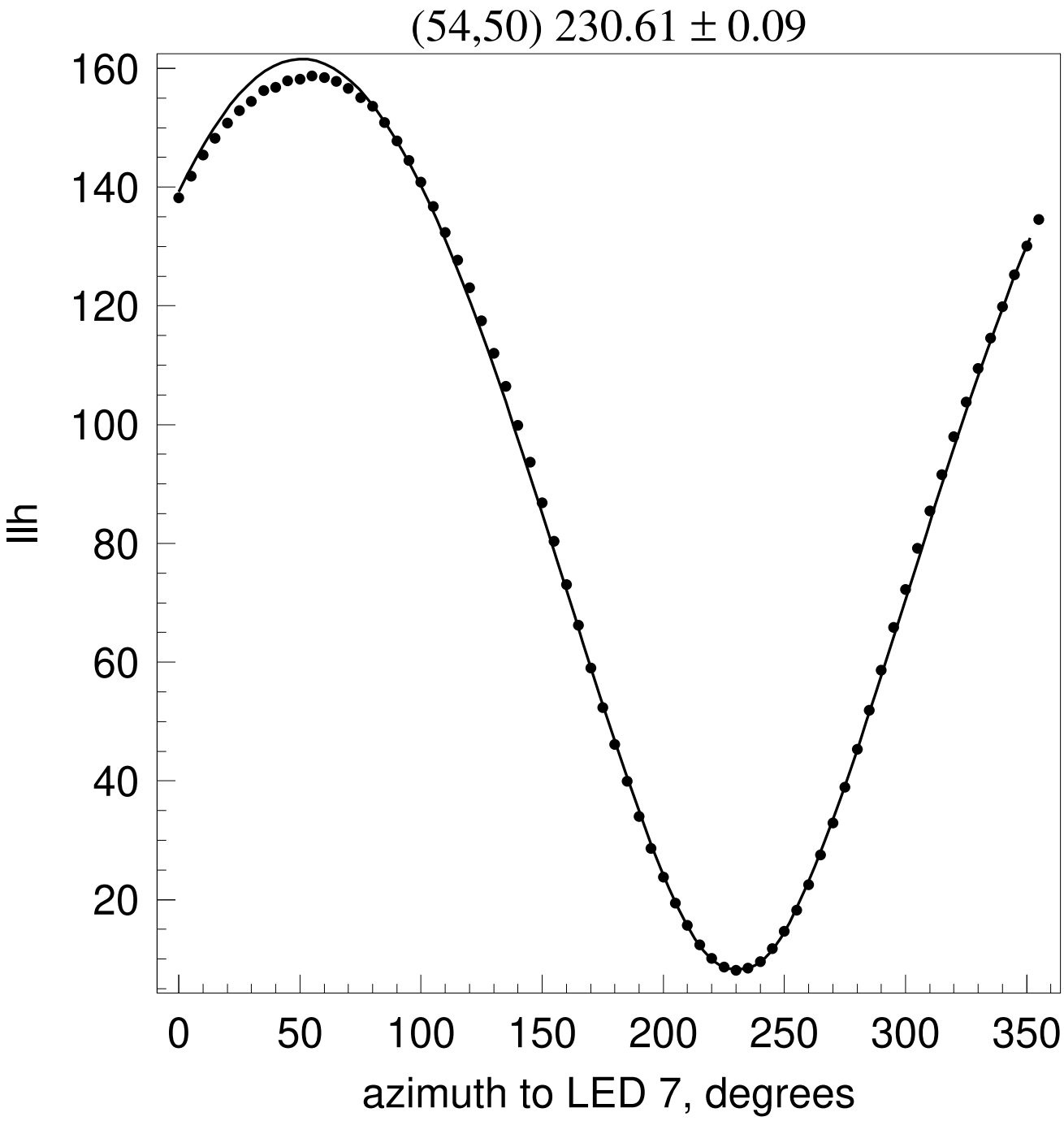

(54,44) 217.99 ± 0.05
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

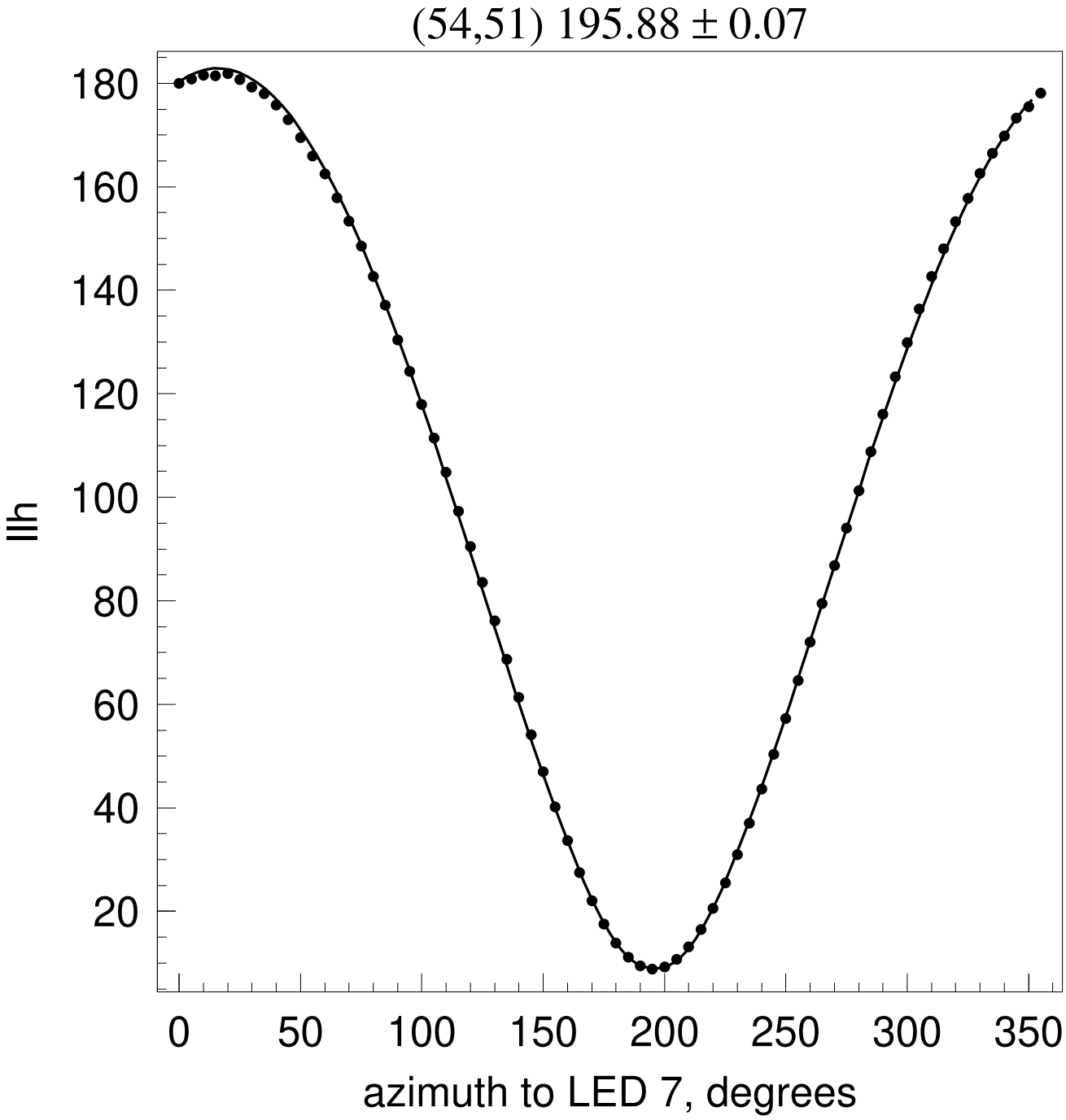

(54,45) 183.81 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

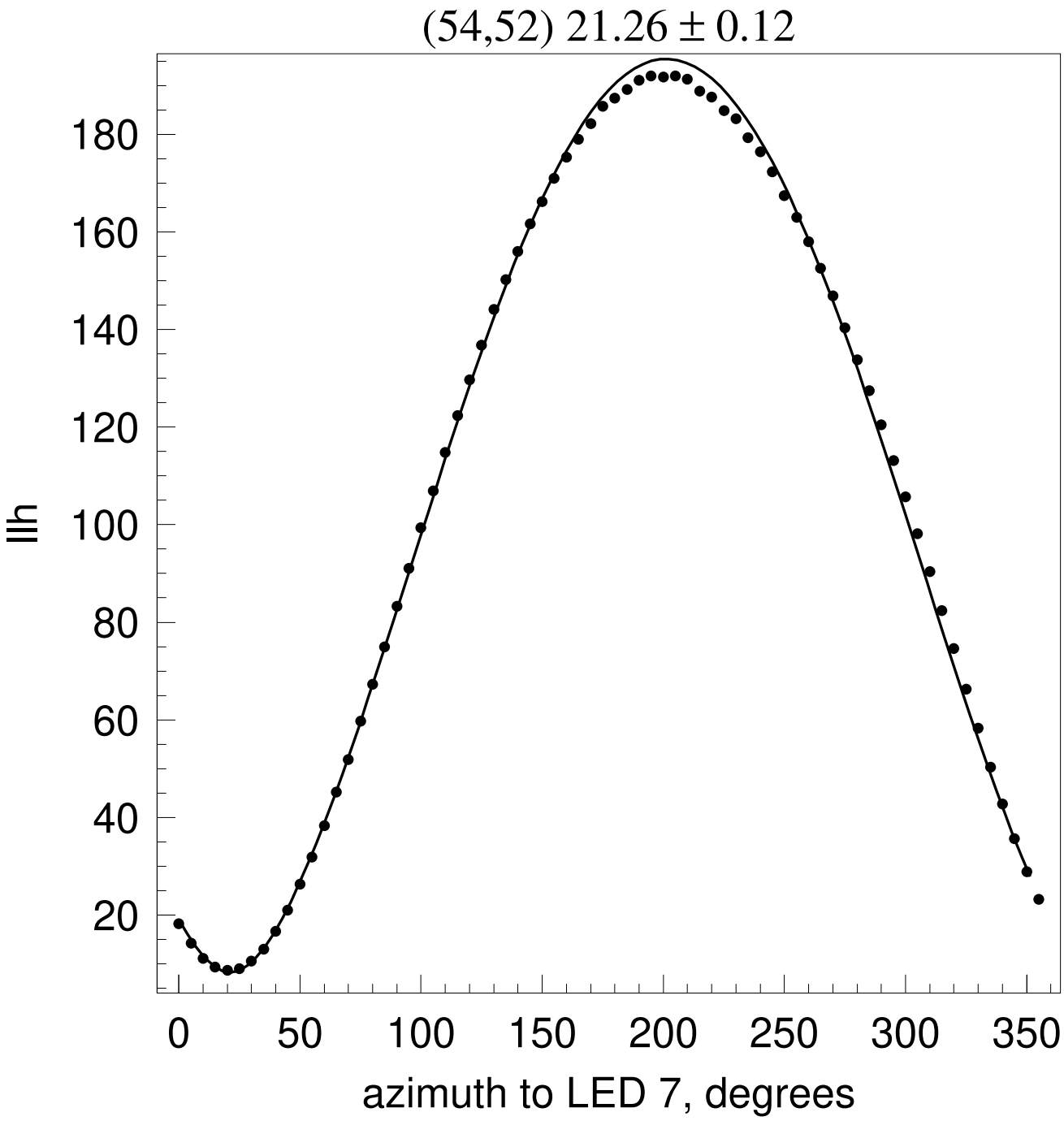

(54,46) 229.12 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

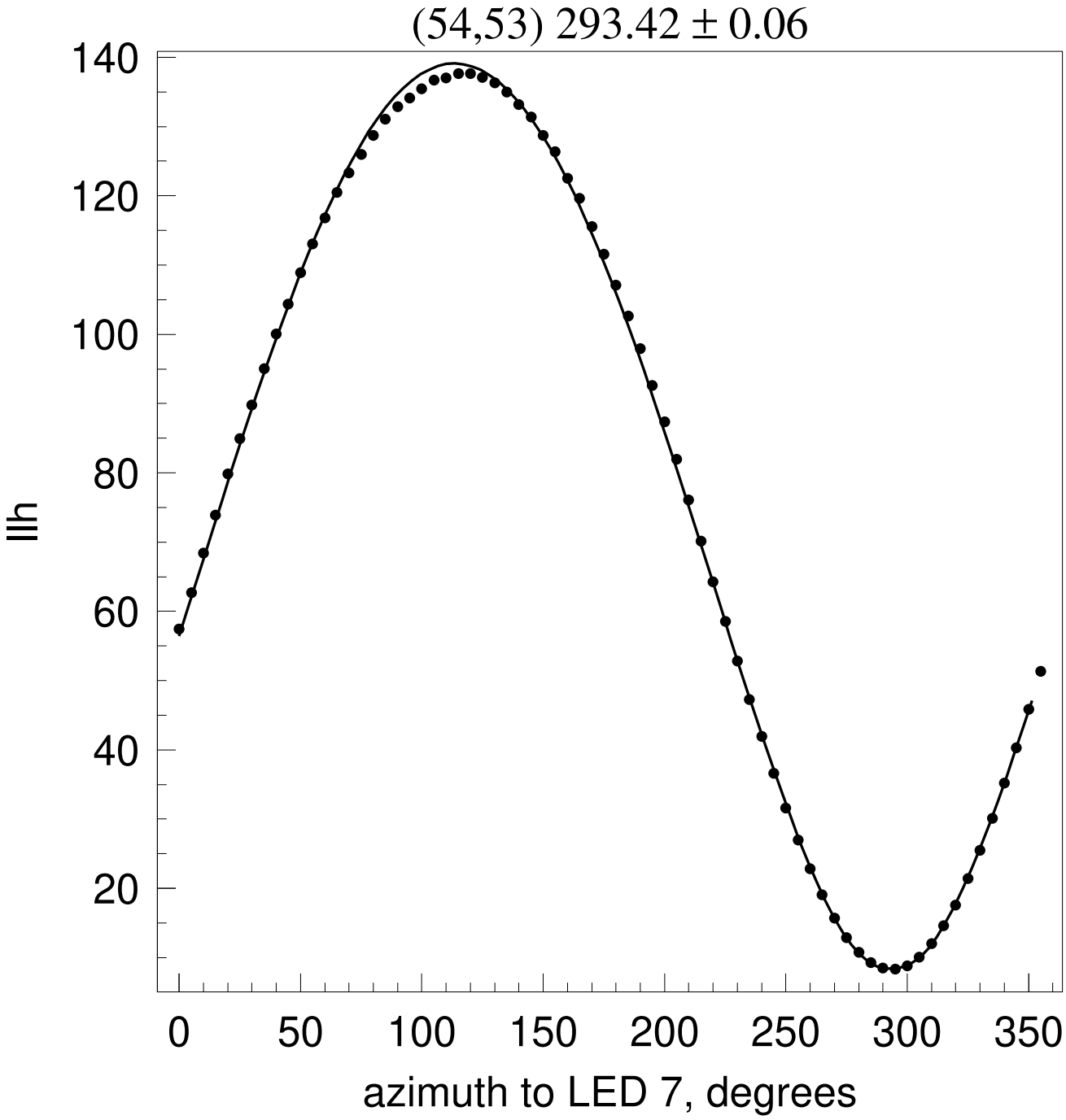

(54,48) 346.01 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

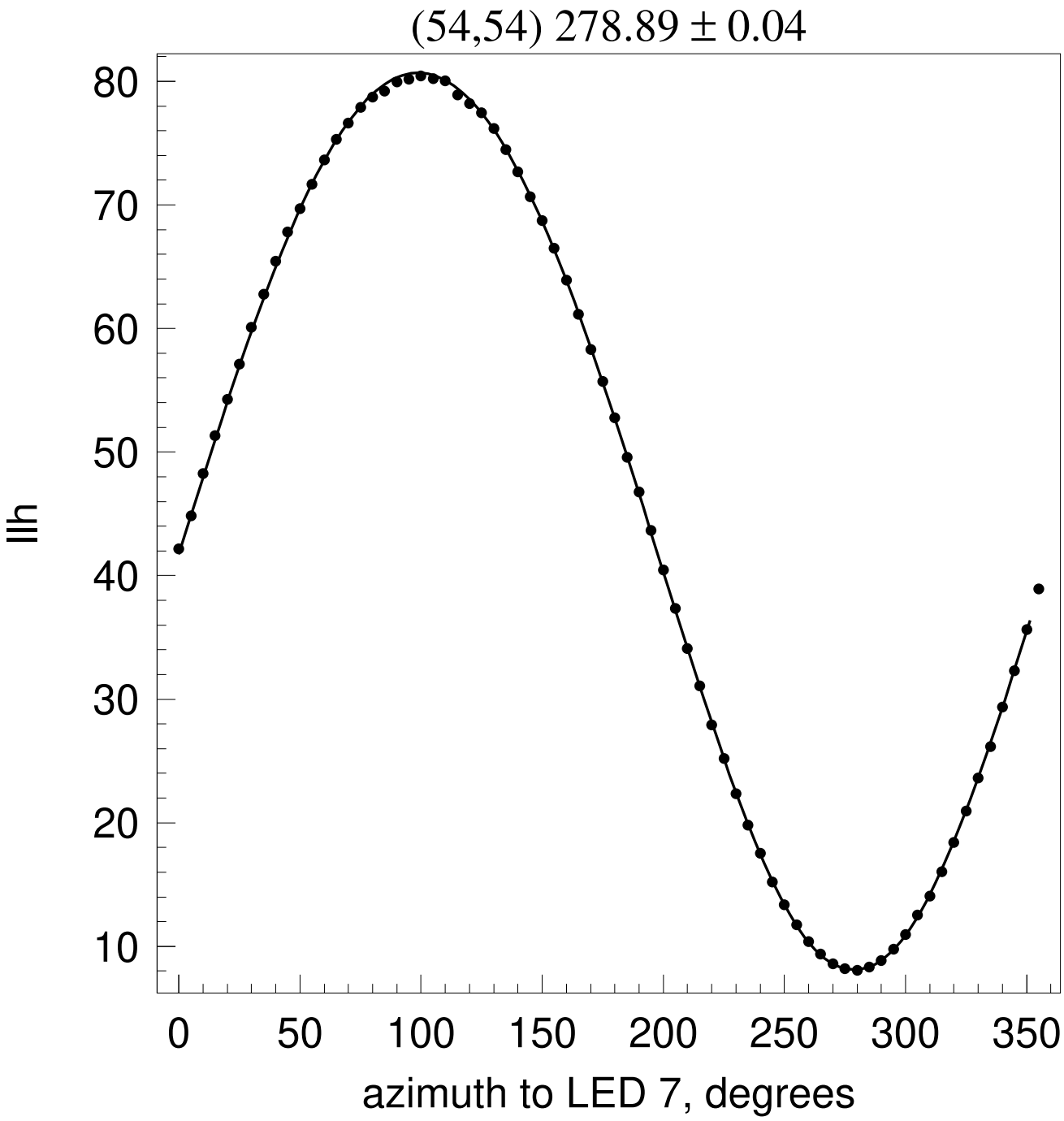

(54,49) 275.26 ± 0.15
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

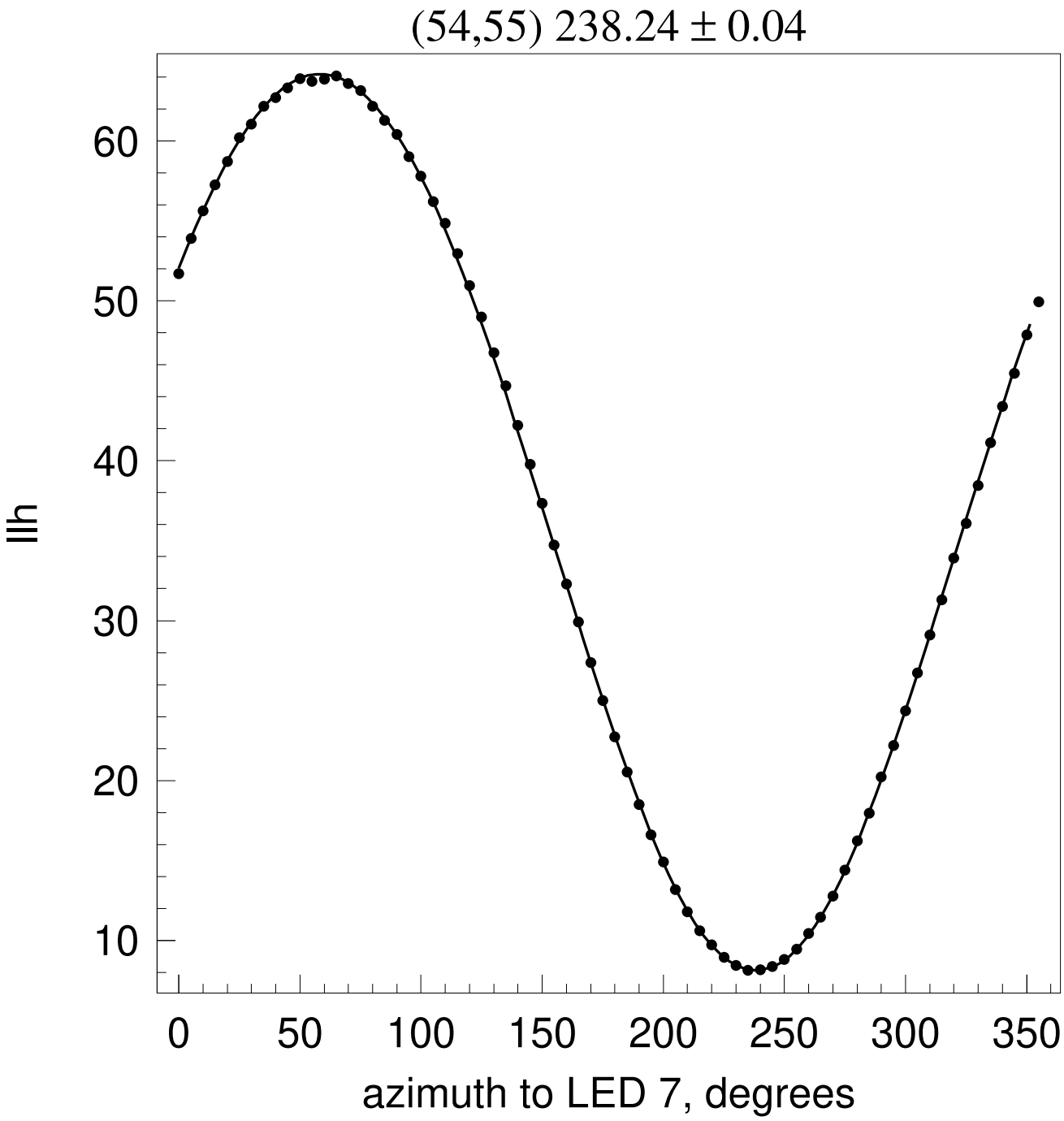

(54,50) 230.61 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

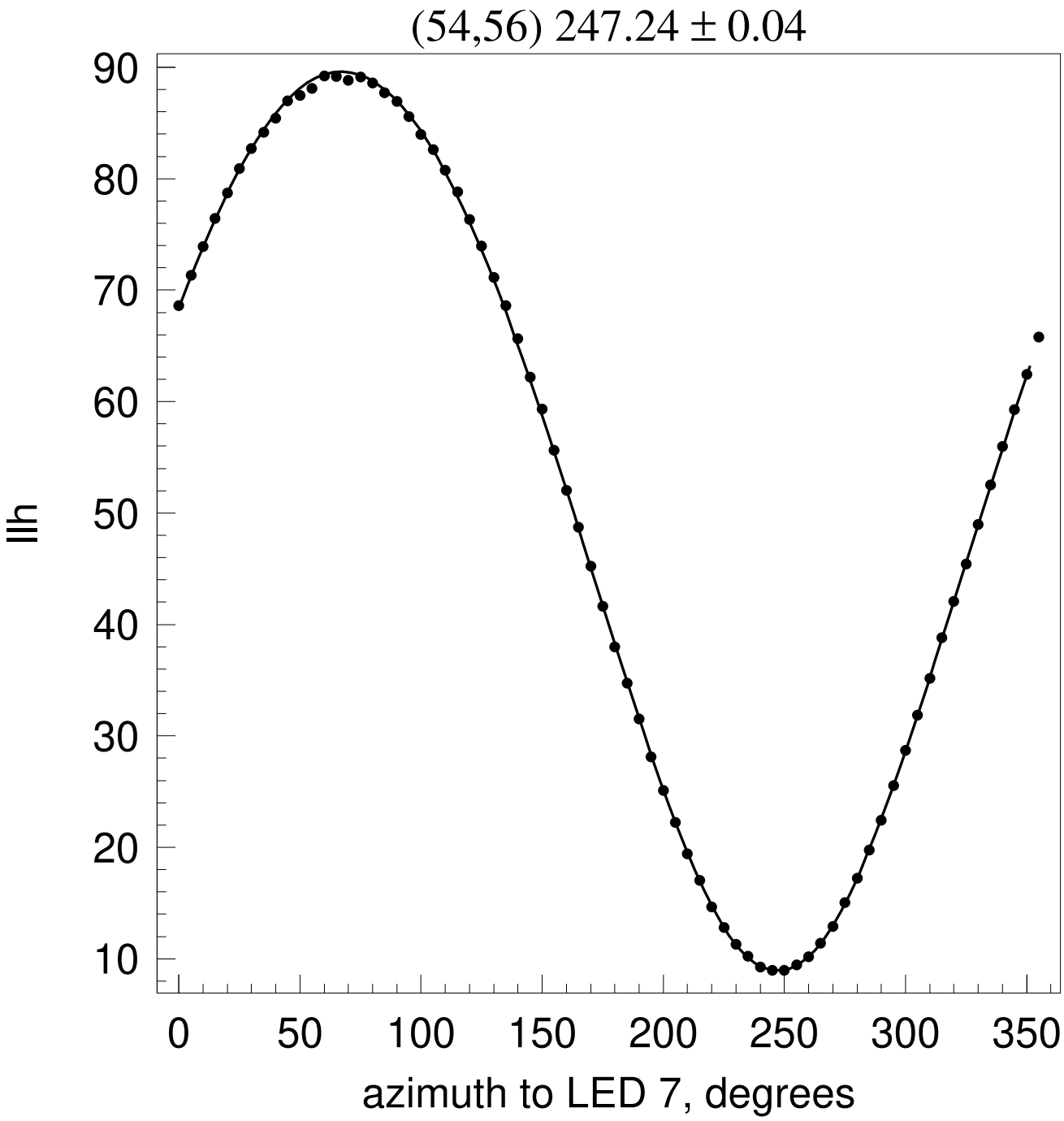

(54,51) 195.88 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

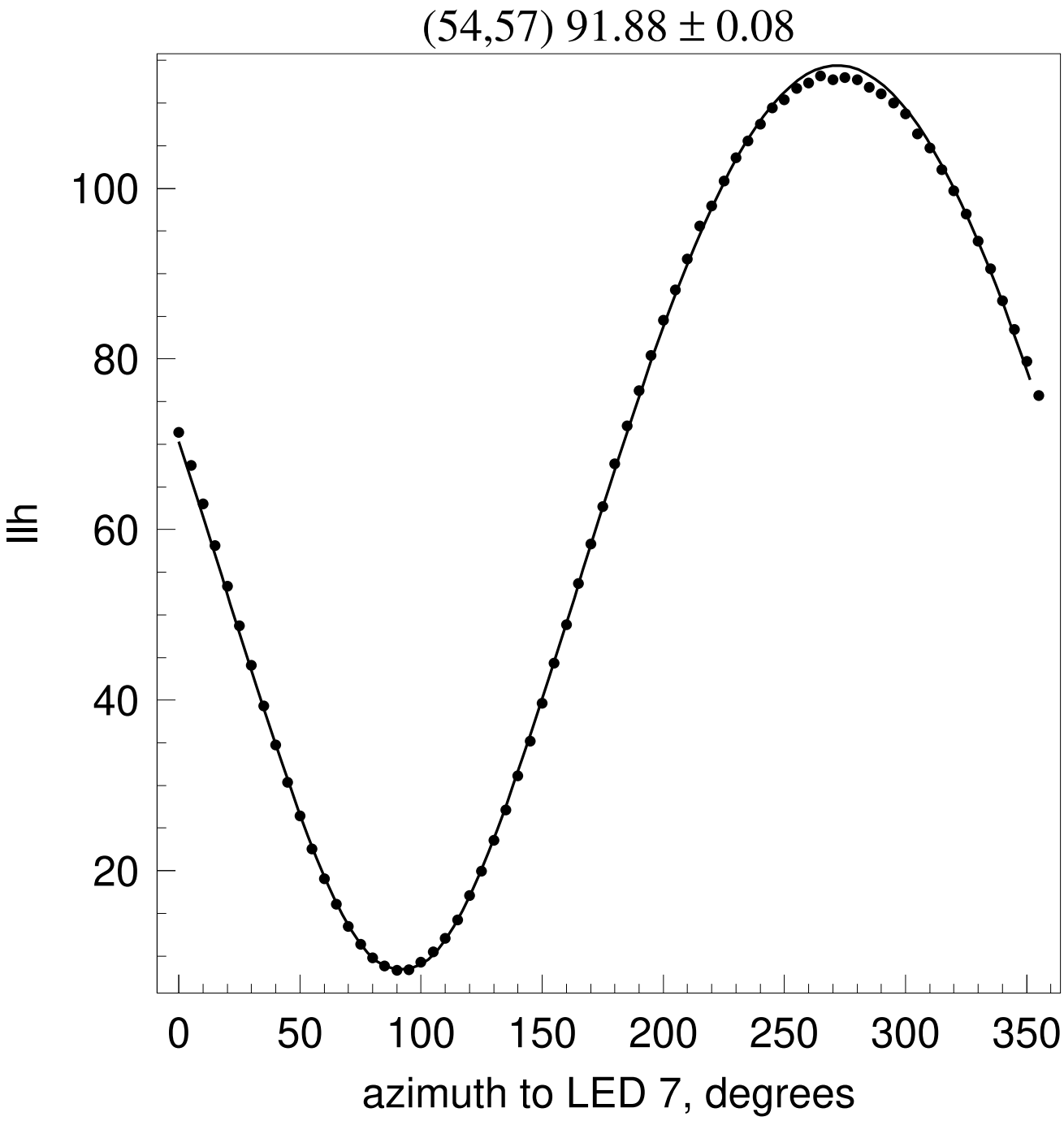

(54,52) 21.26 ± 0.12
180
160
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

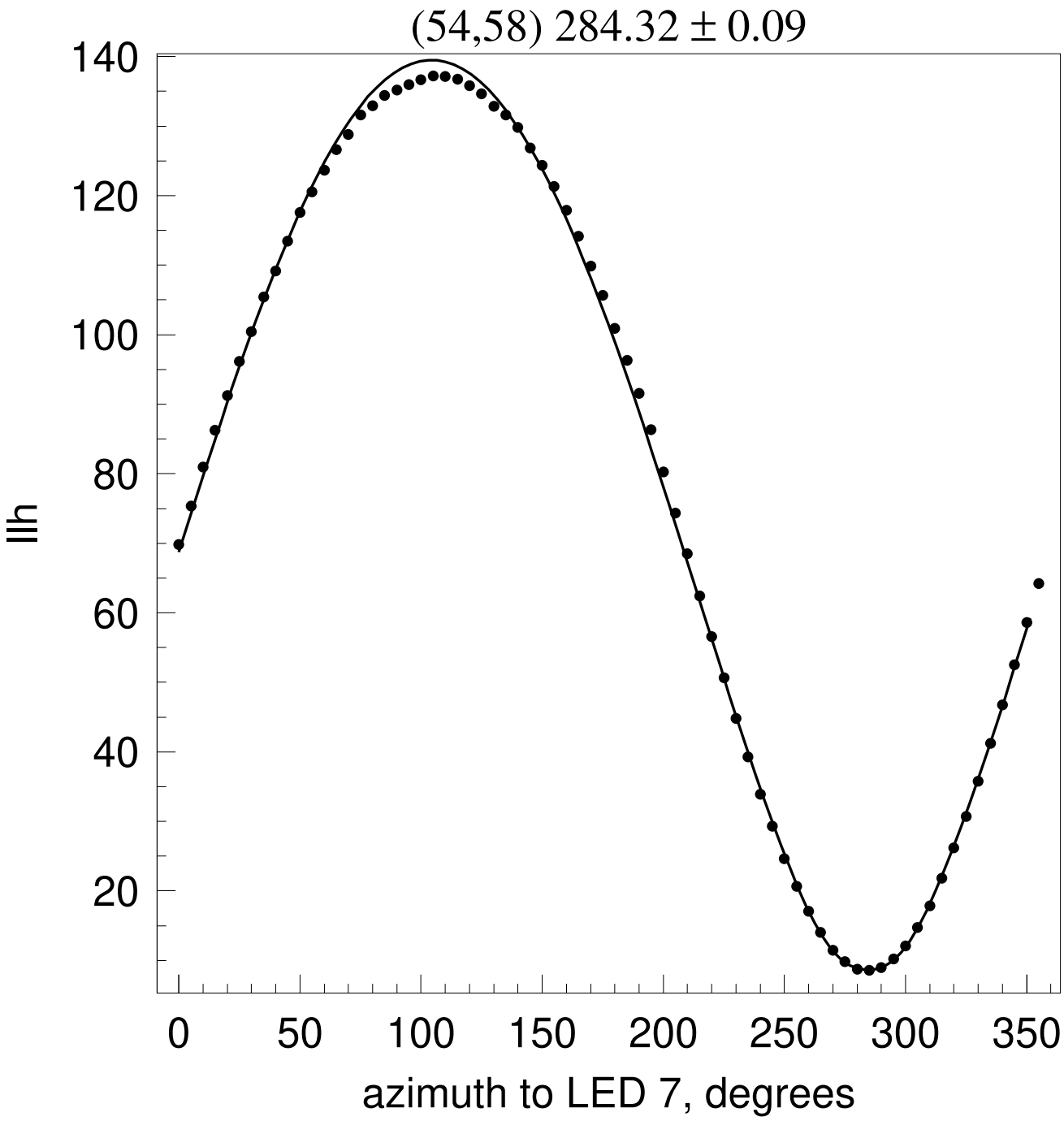

(54,53) 293.42 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

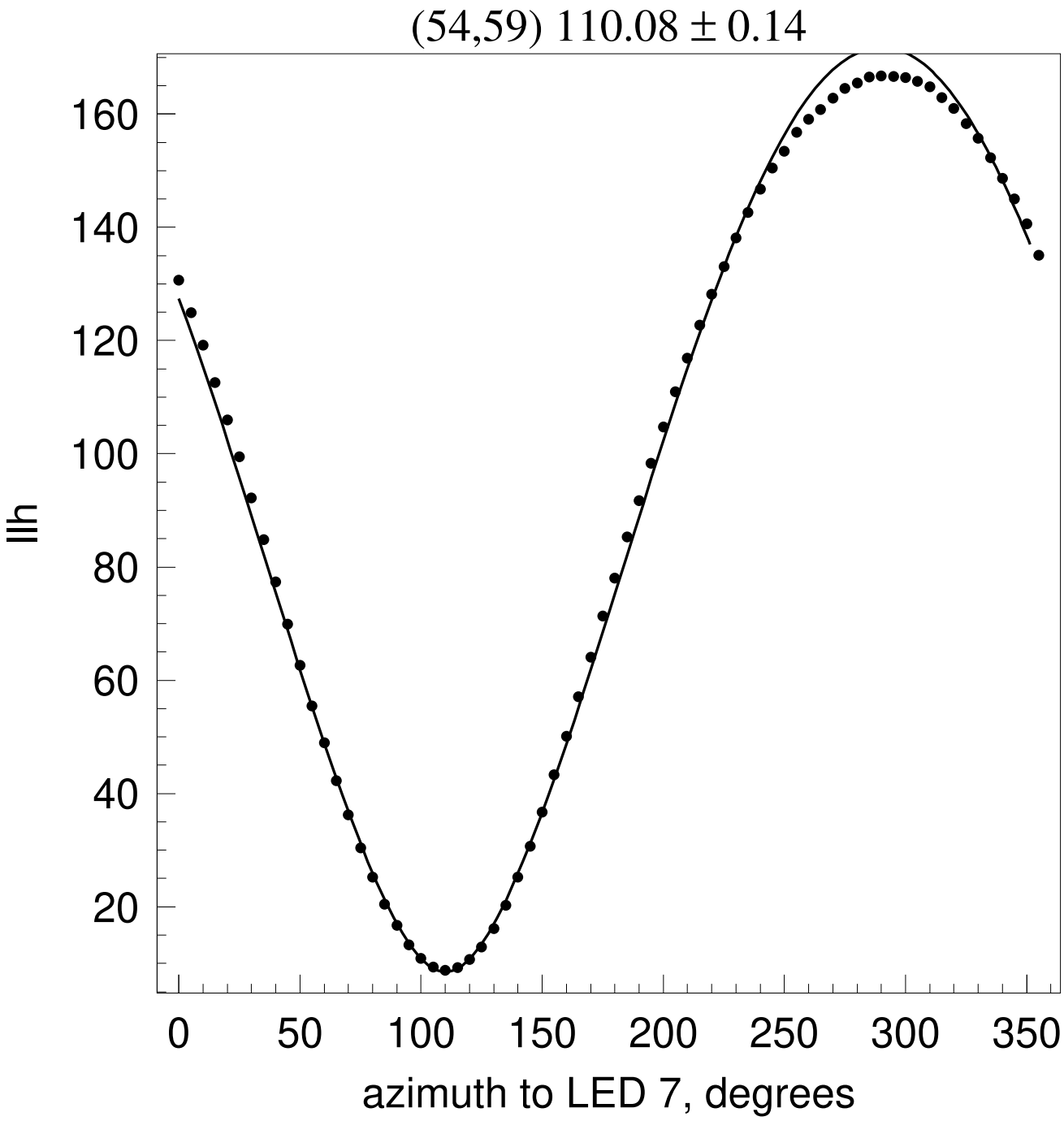

(54,54) 278.89 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

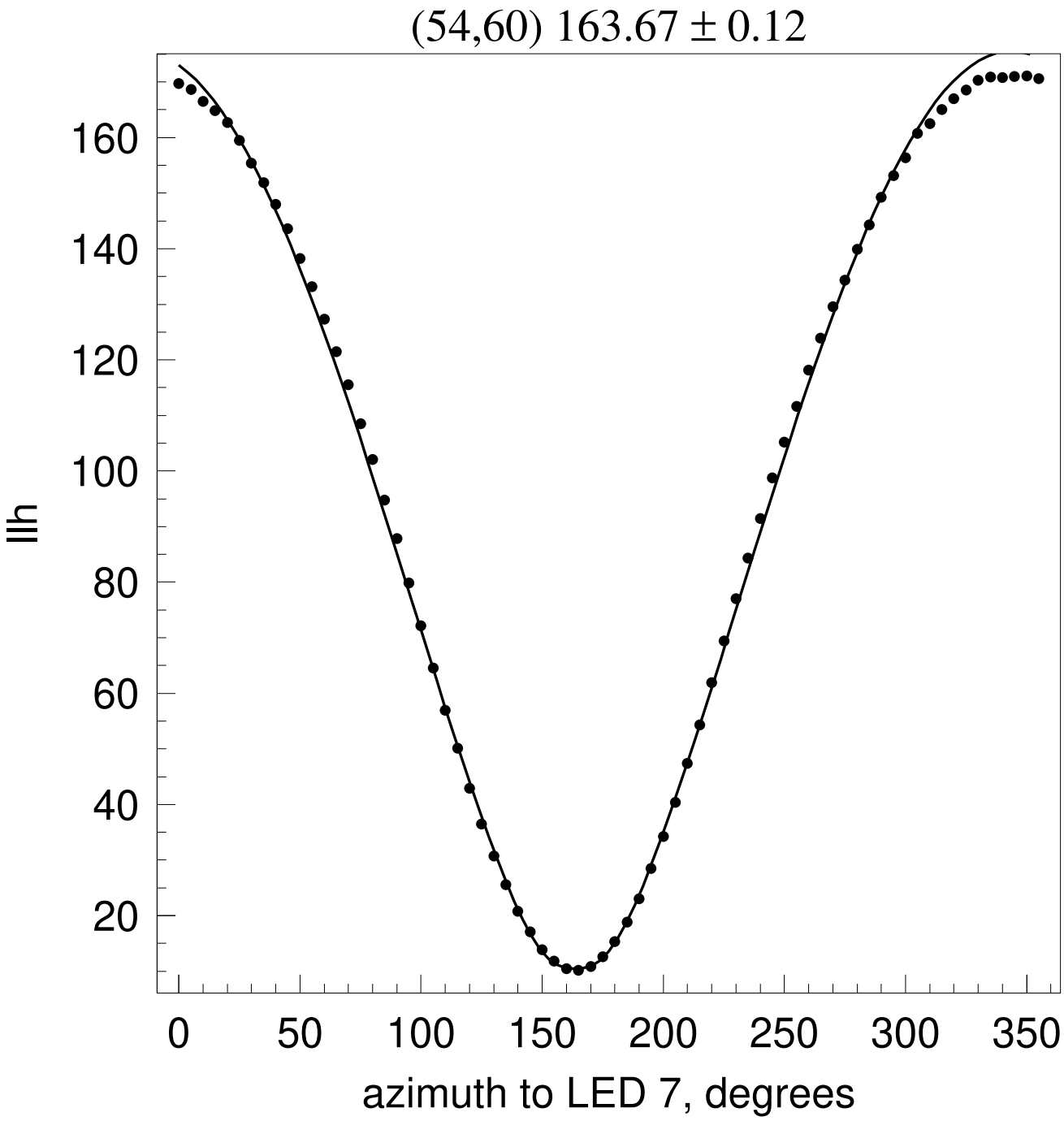

(54,55) 238.24 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

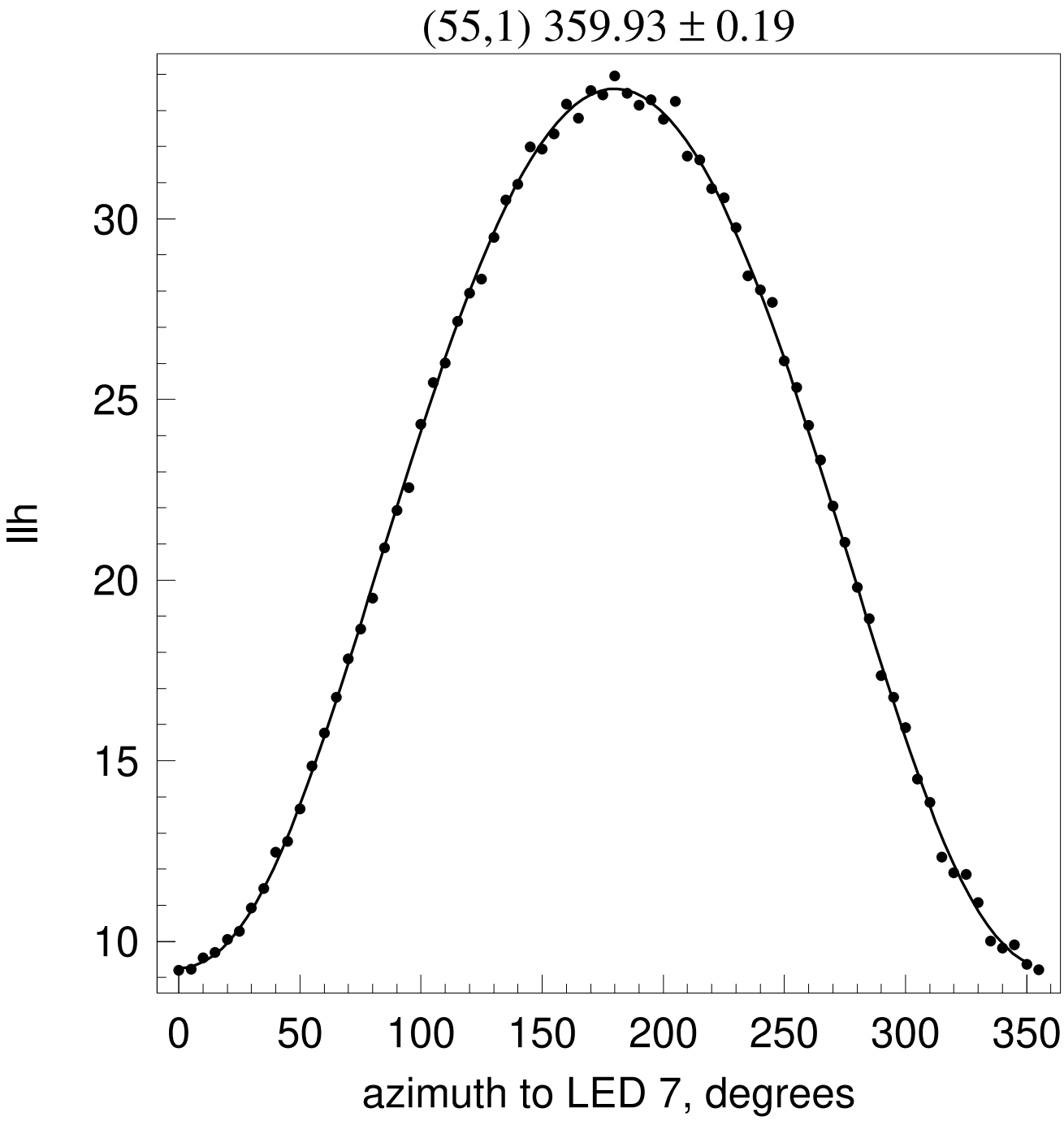

(54,56) 247.24 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

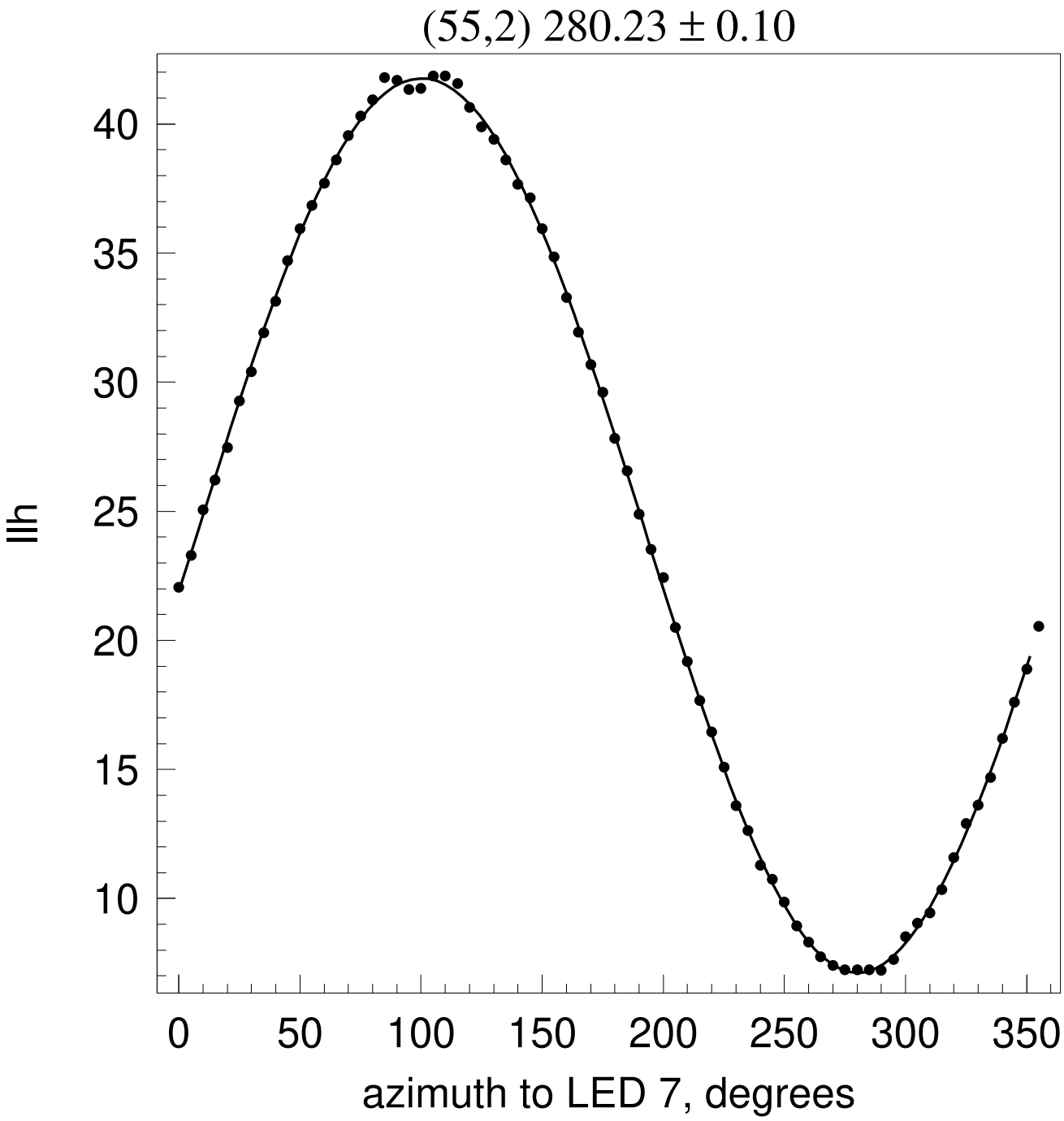

(54,57) 91.88 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

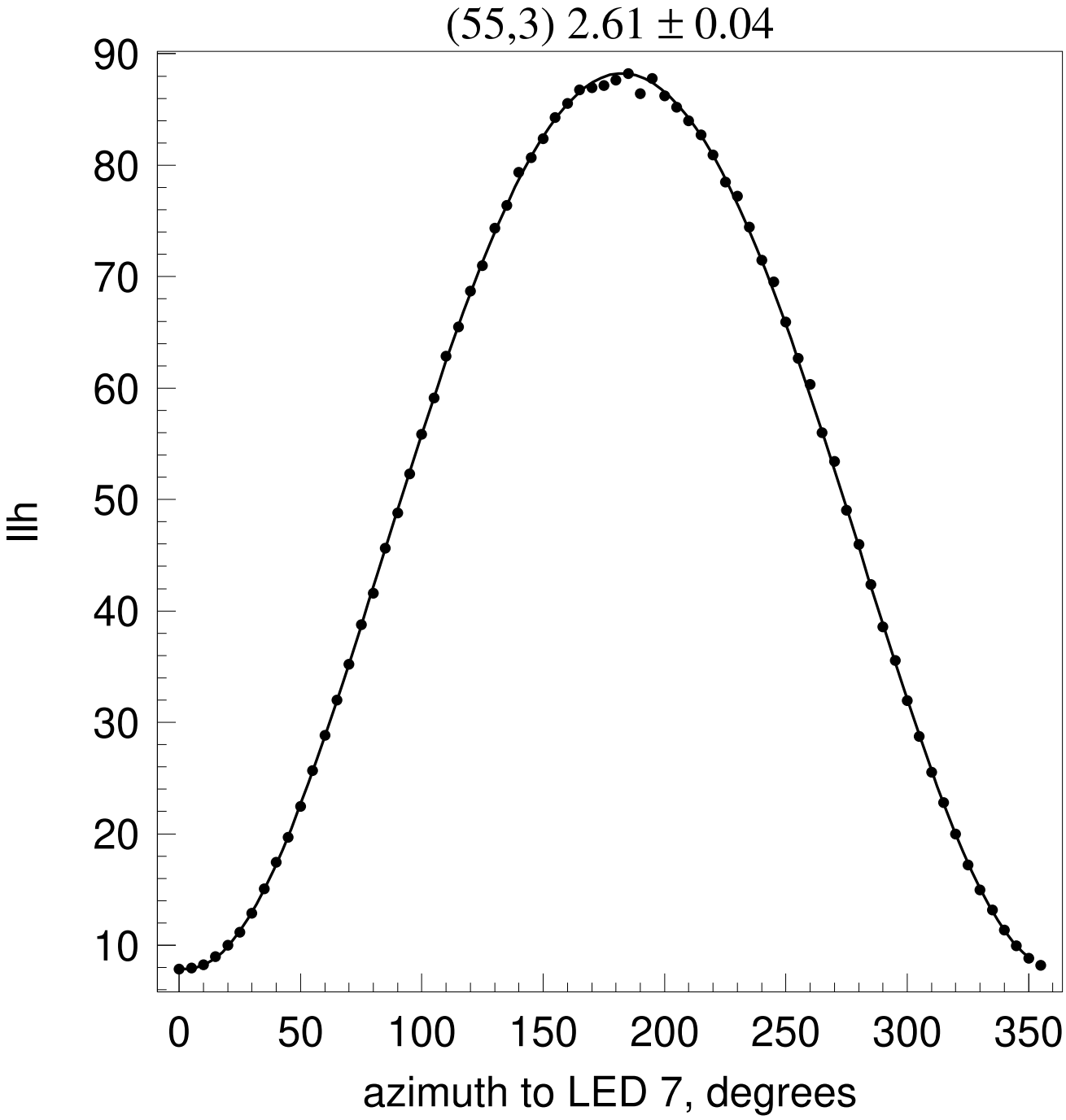

(54,58) 284.32 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

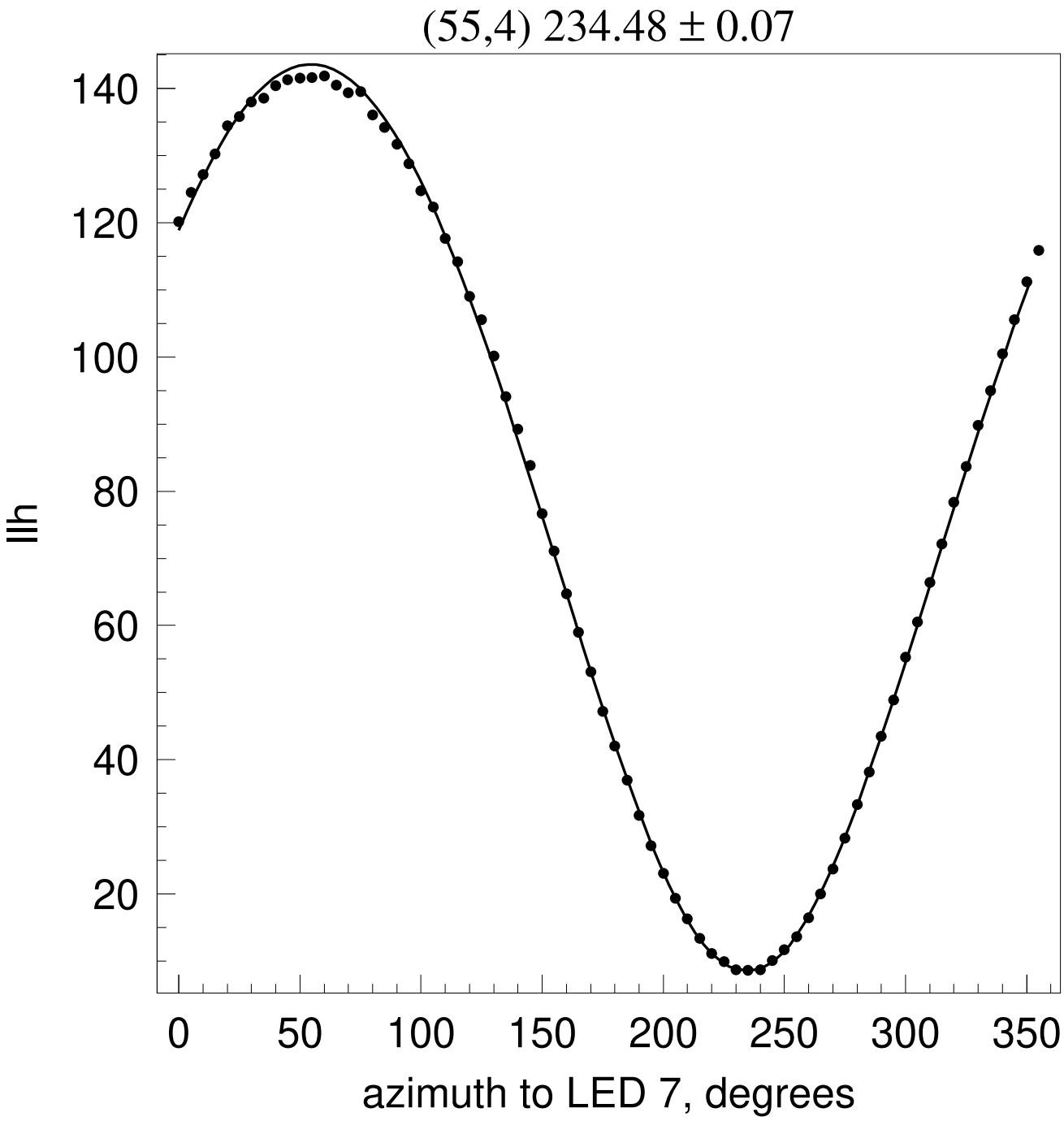

(54,59) 110.08 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

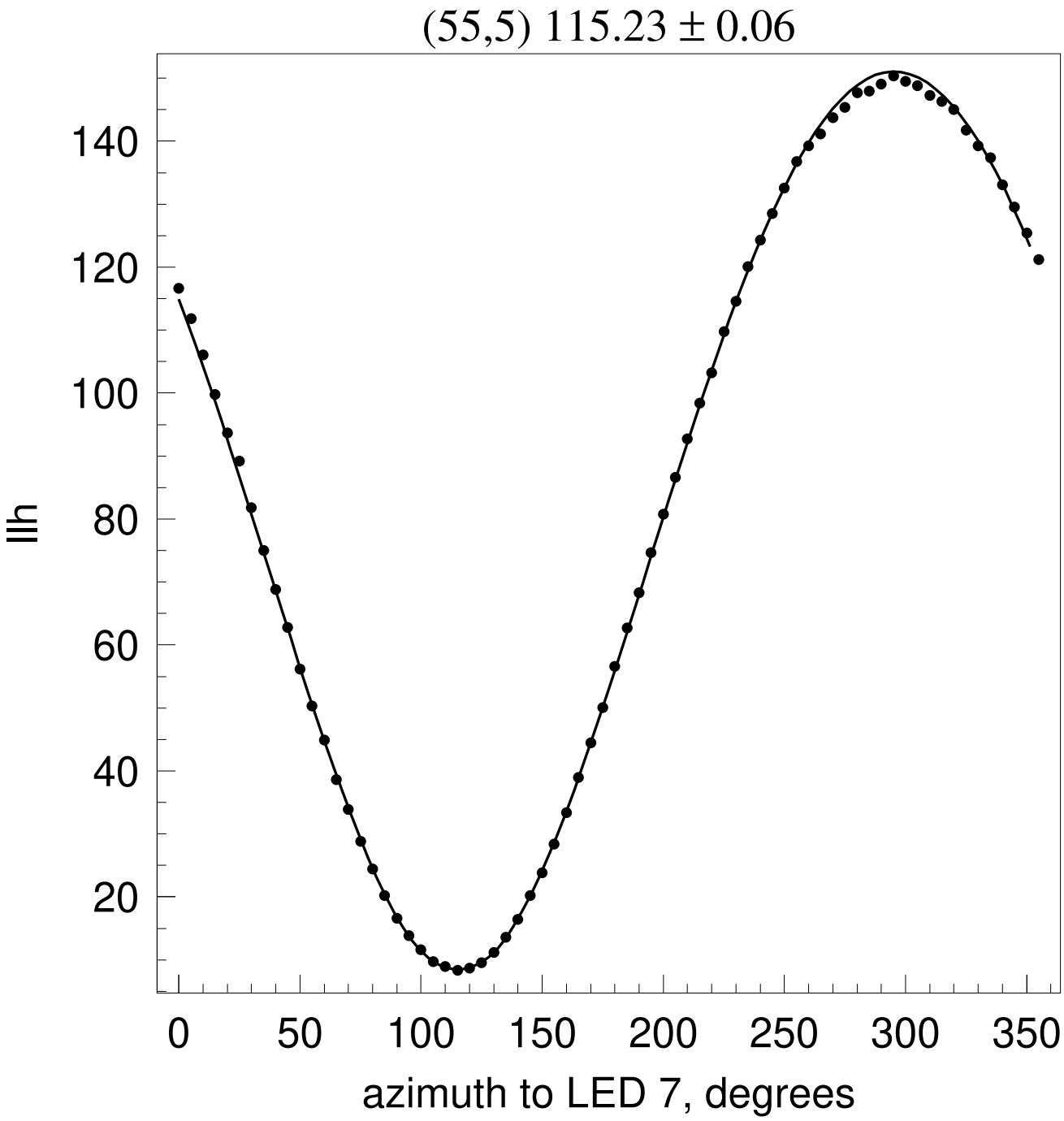

(54,60) 163.67 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

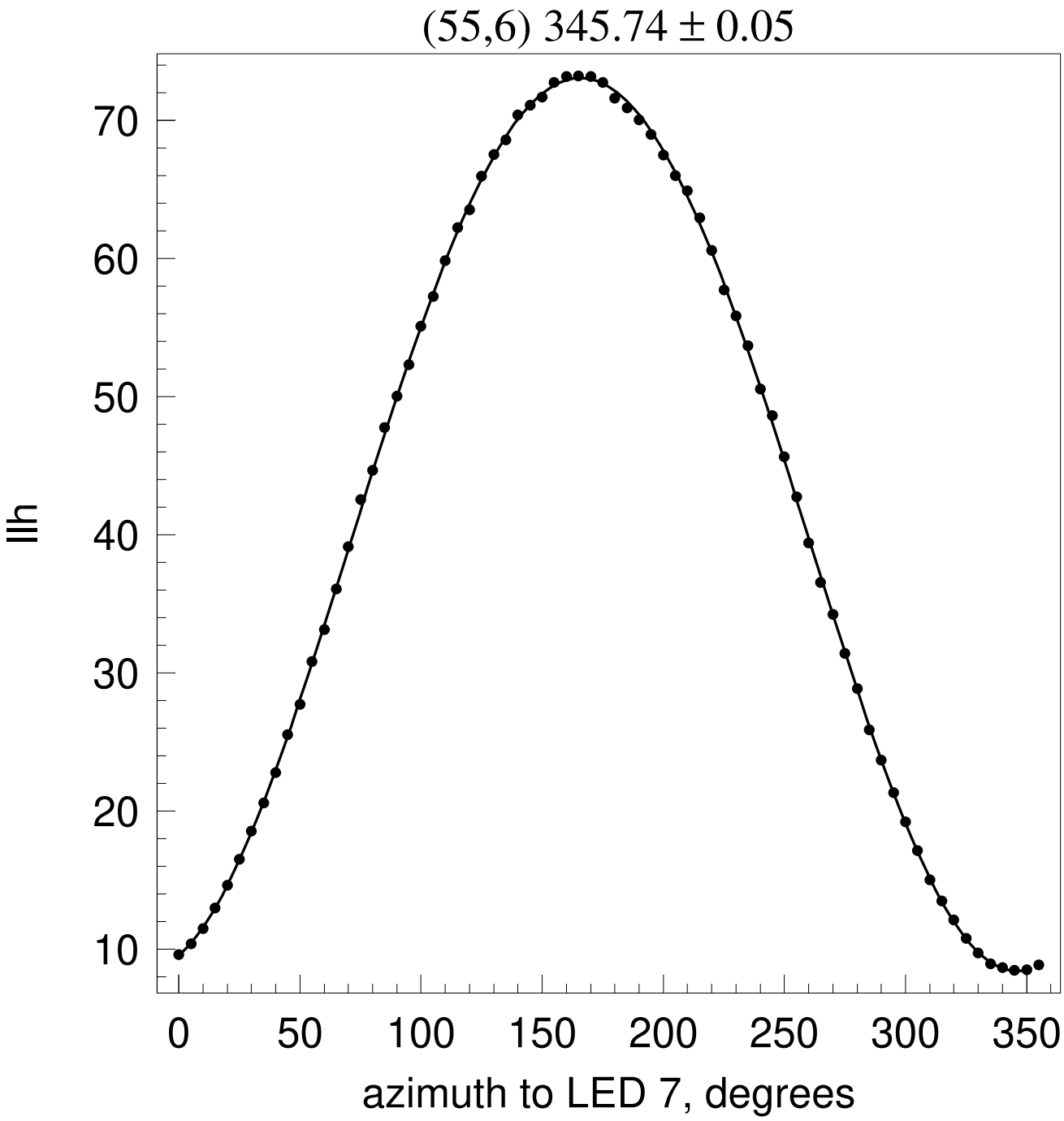

(55,1) 359.93 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

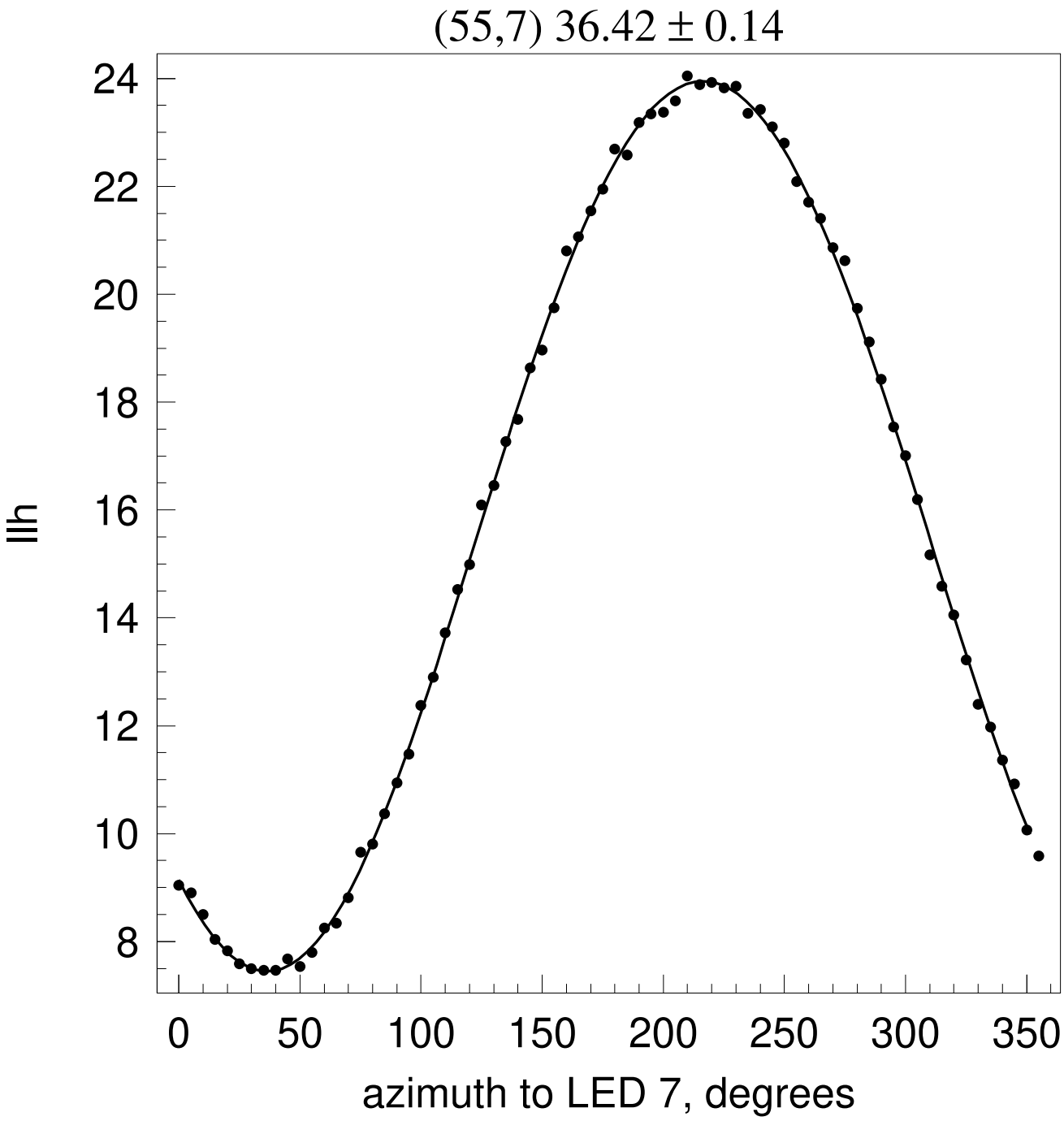

(55,2) 280.23 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

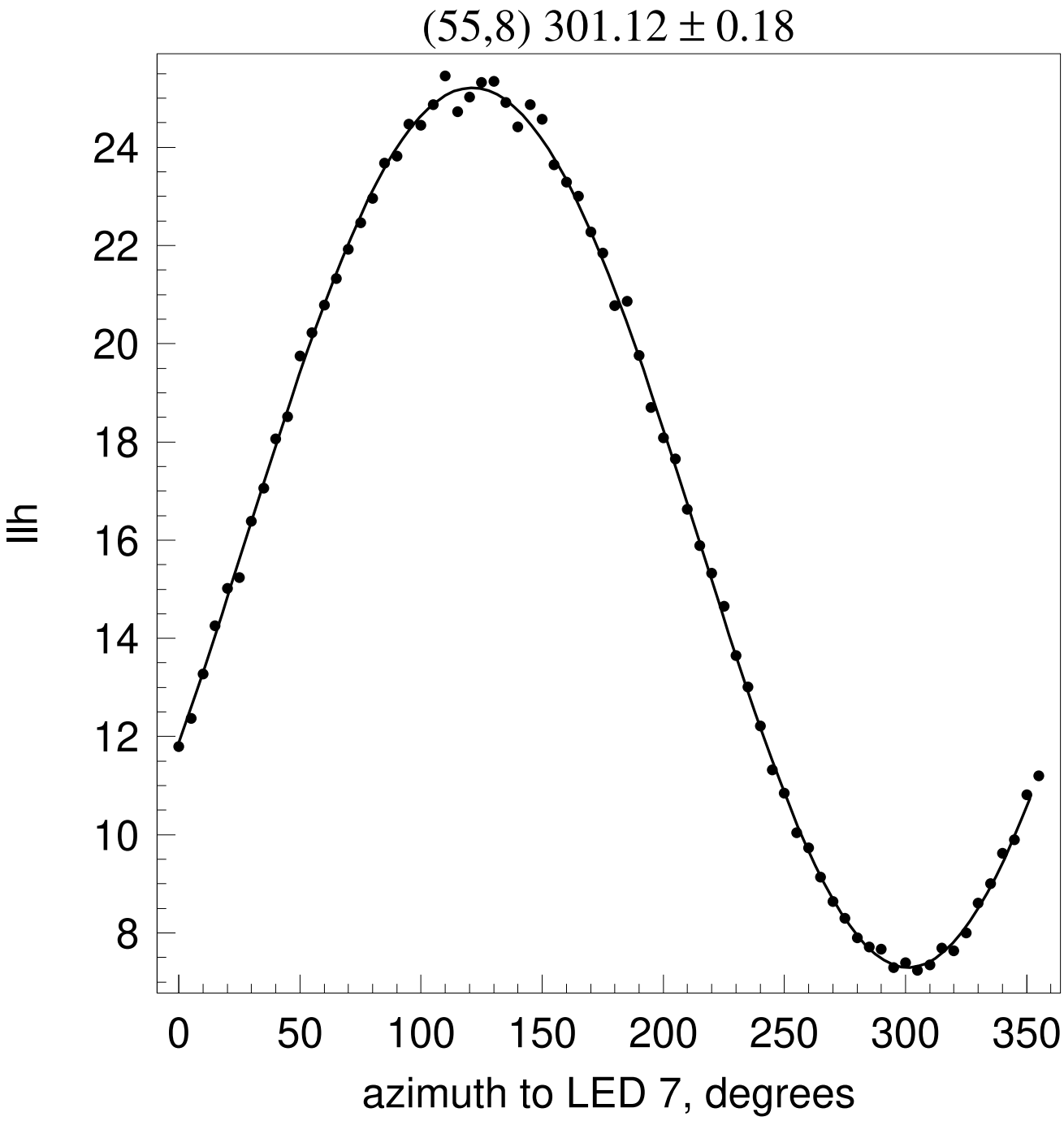

(55,3) 2.61 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

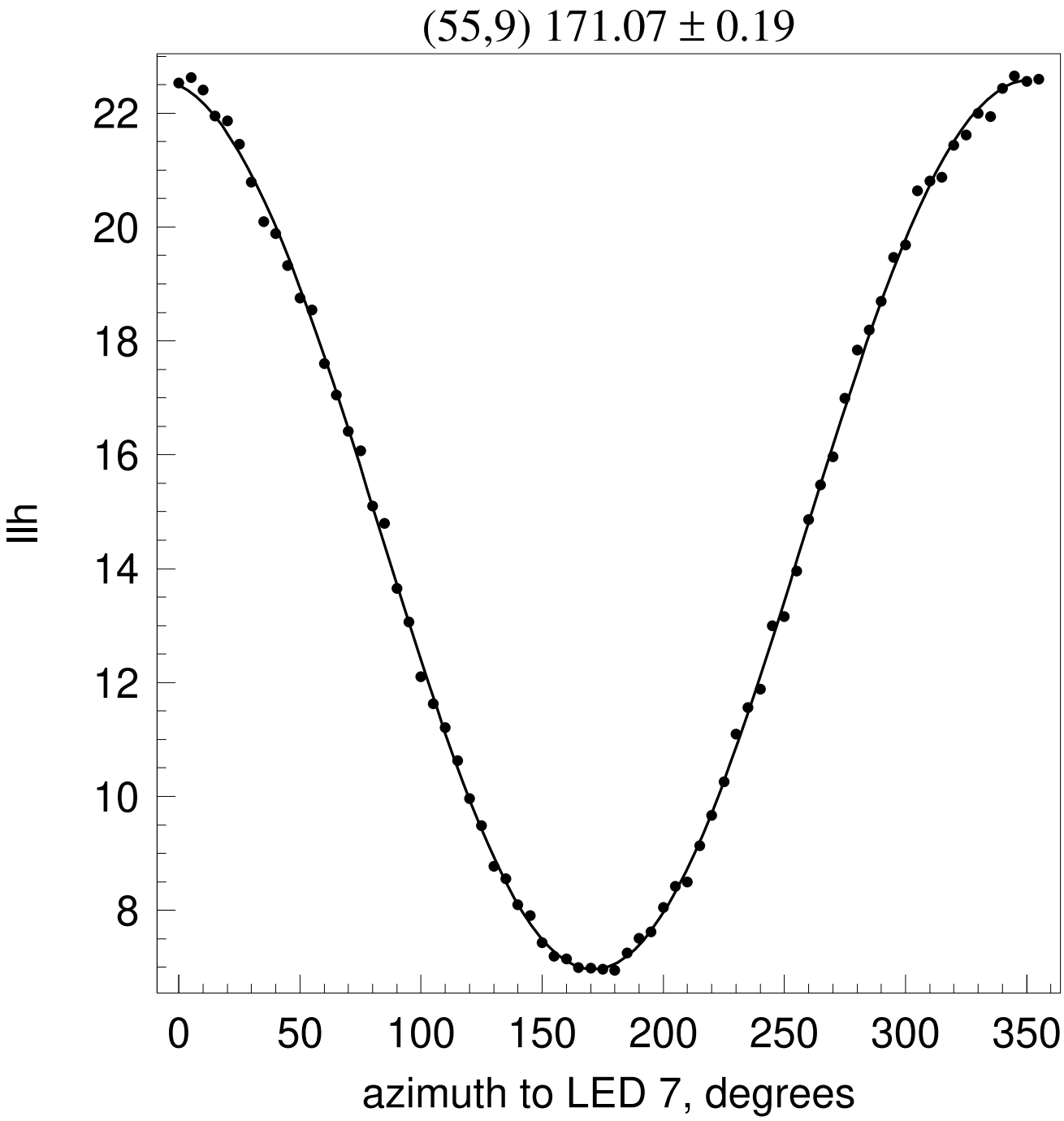

(55,4) 234.48 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

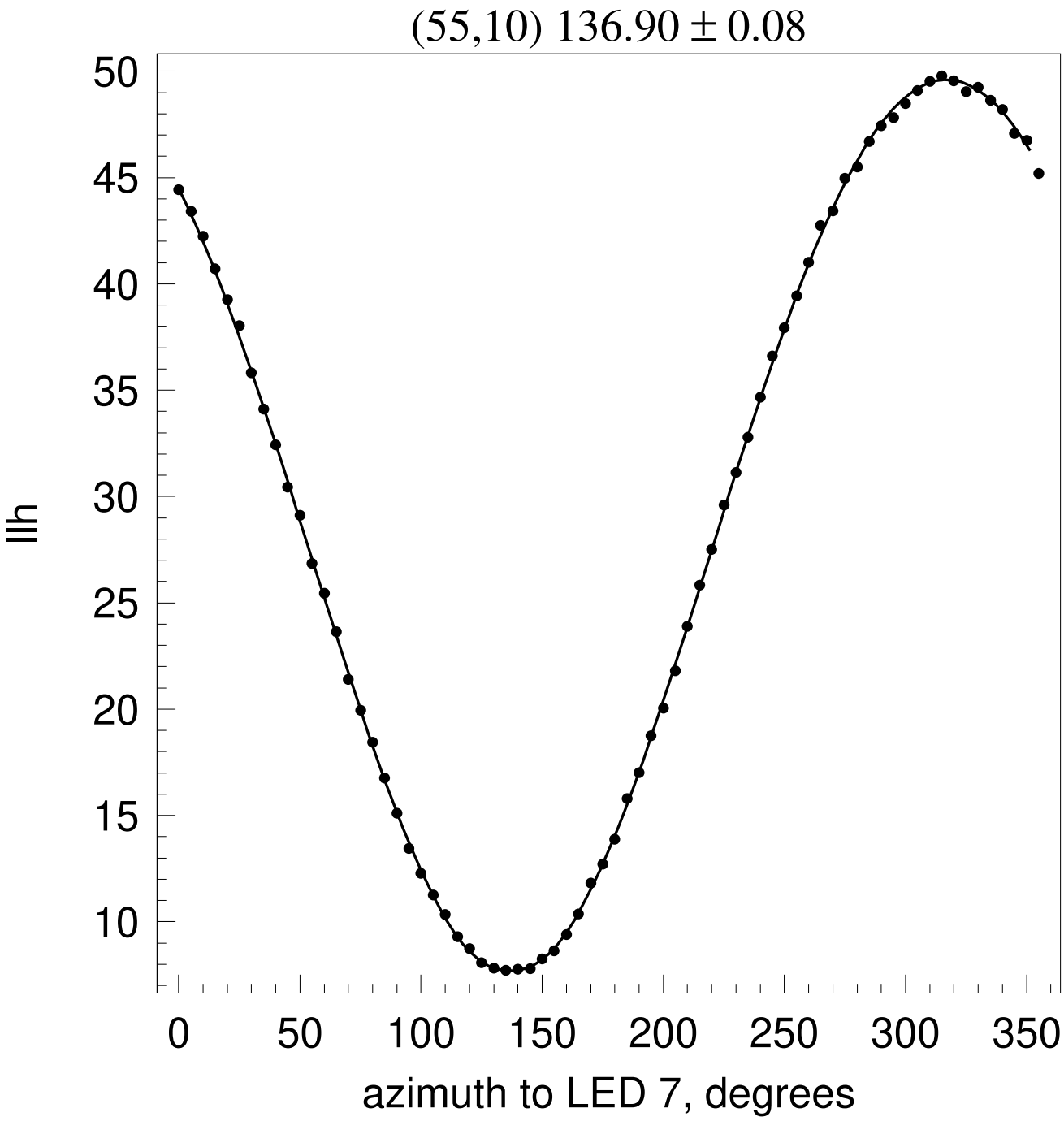

(55,5) 115.23 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

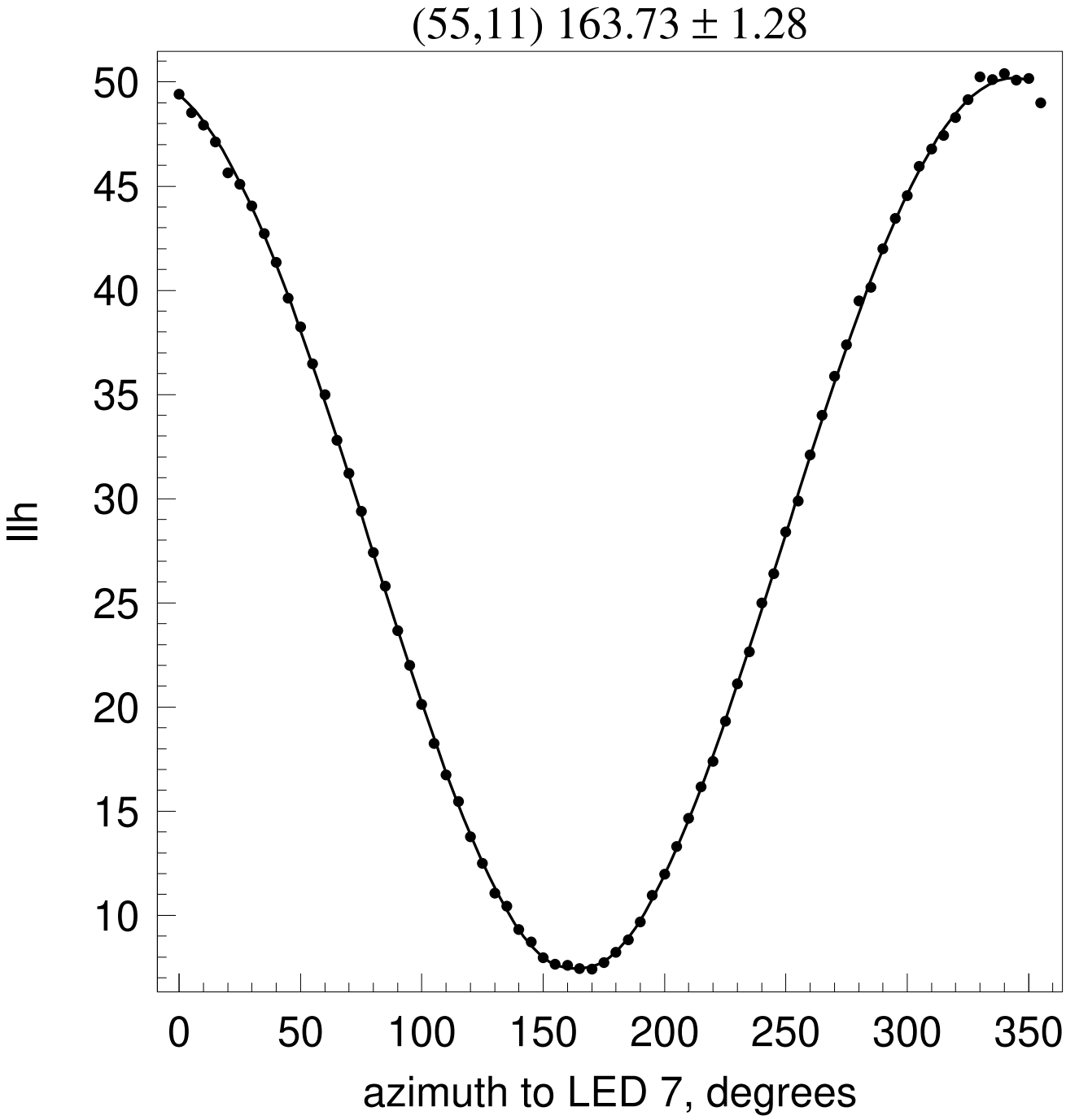

(55,6) 345.74 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

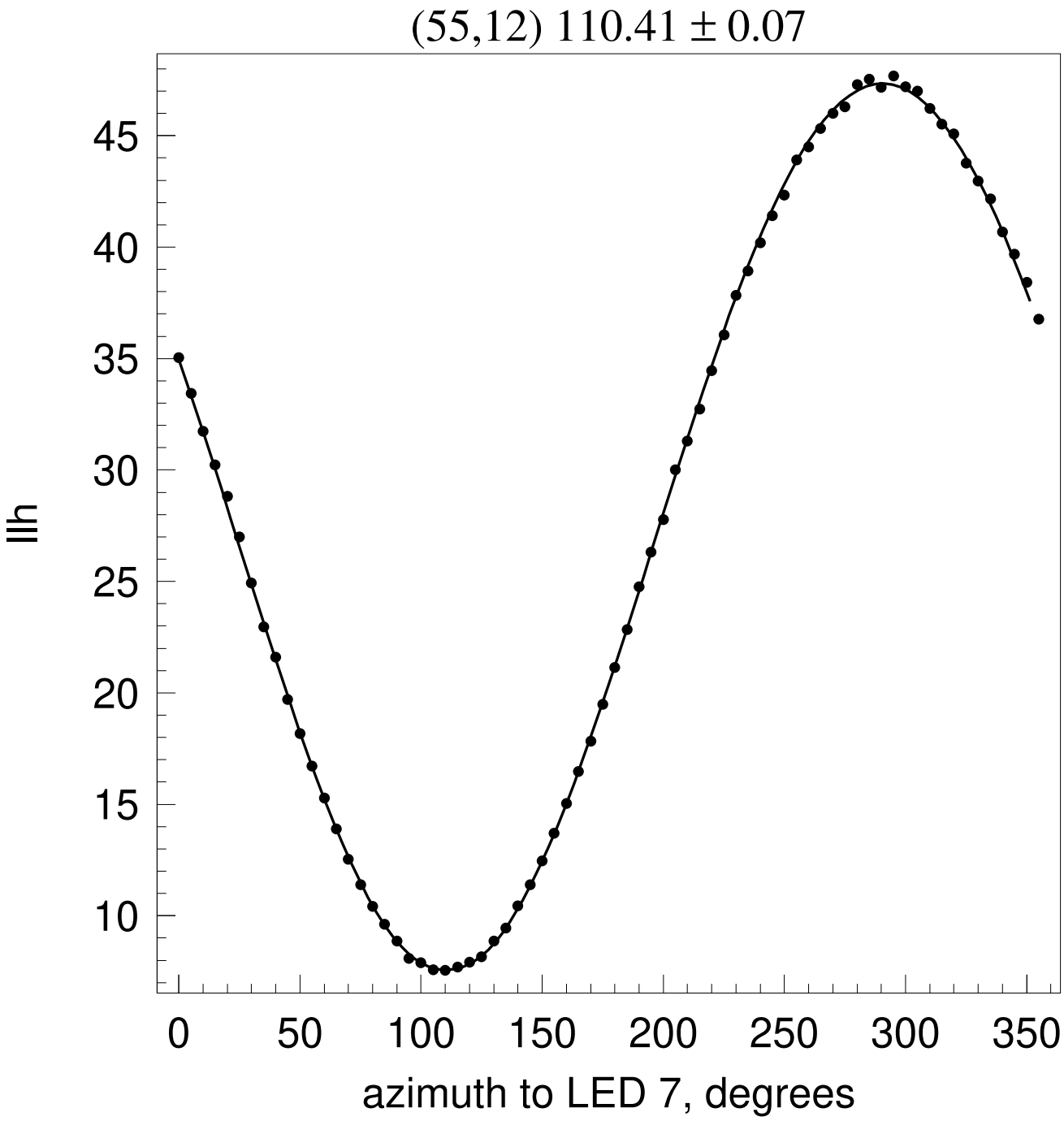

(55,7) 36.42 ± 0.14
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

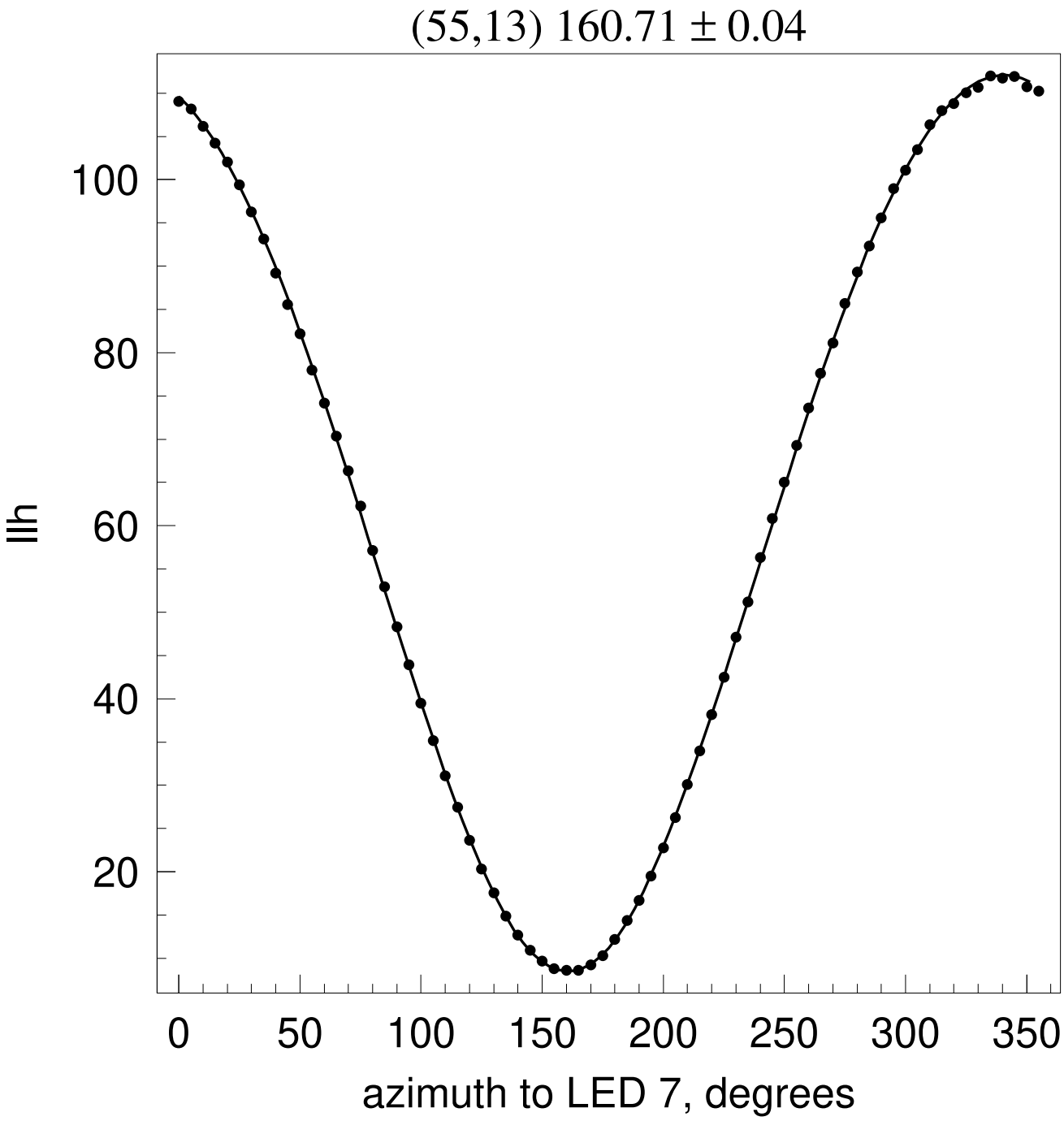

(55,8) 301.12 ± 0.18
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

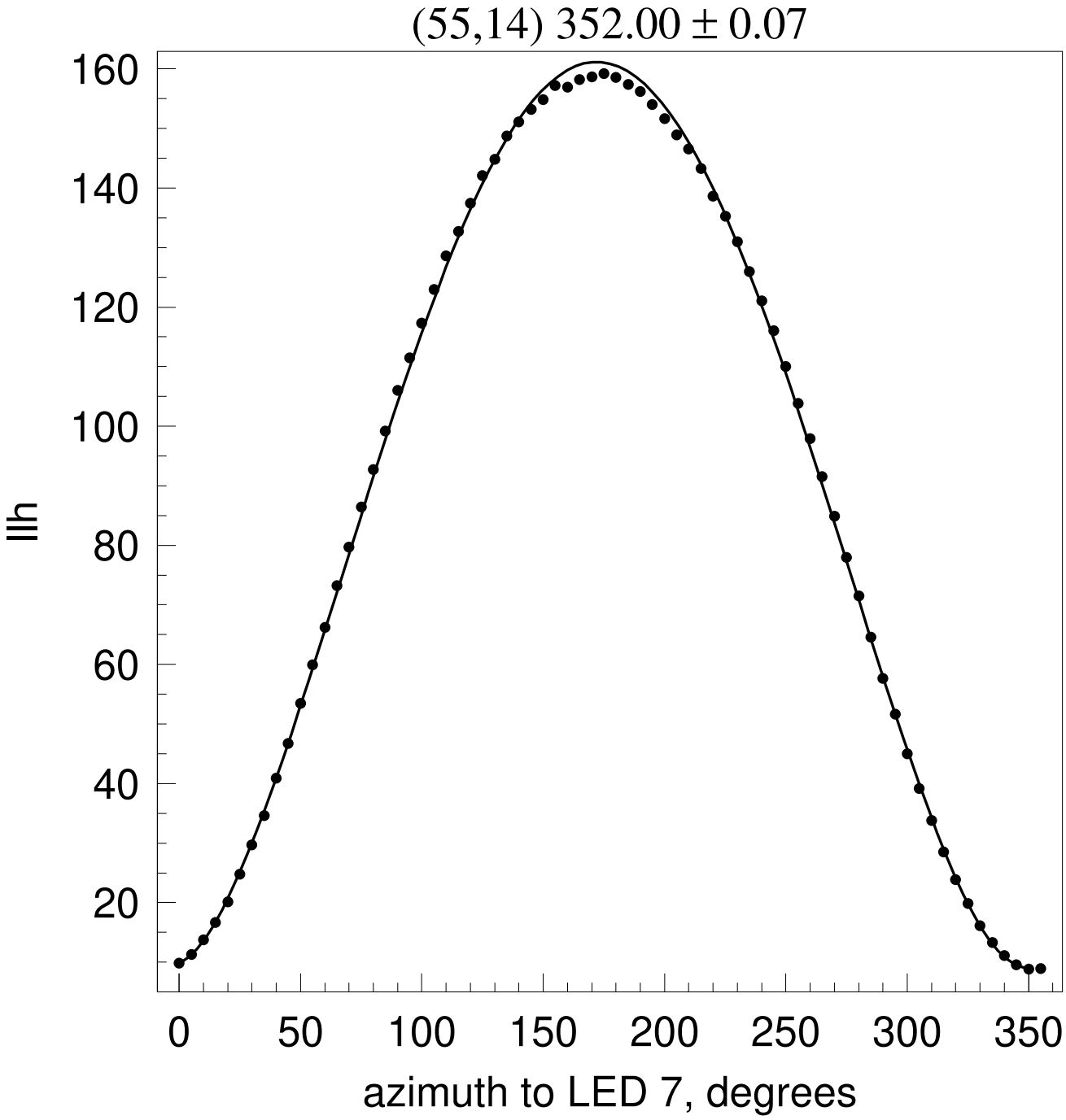

(55,9) 171.07 ± 0.19
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

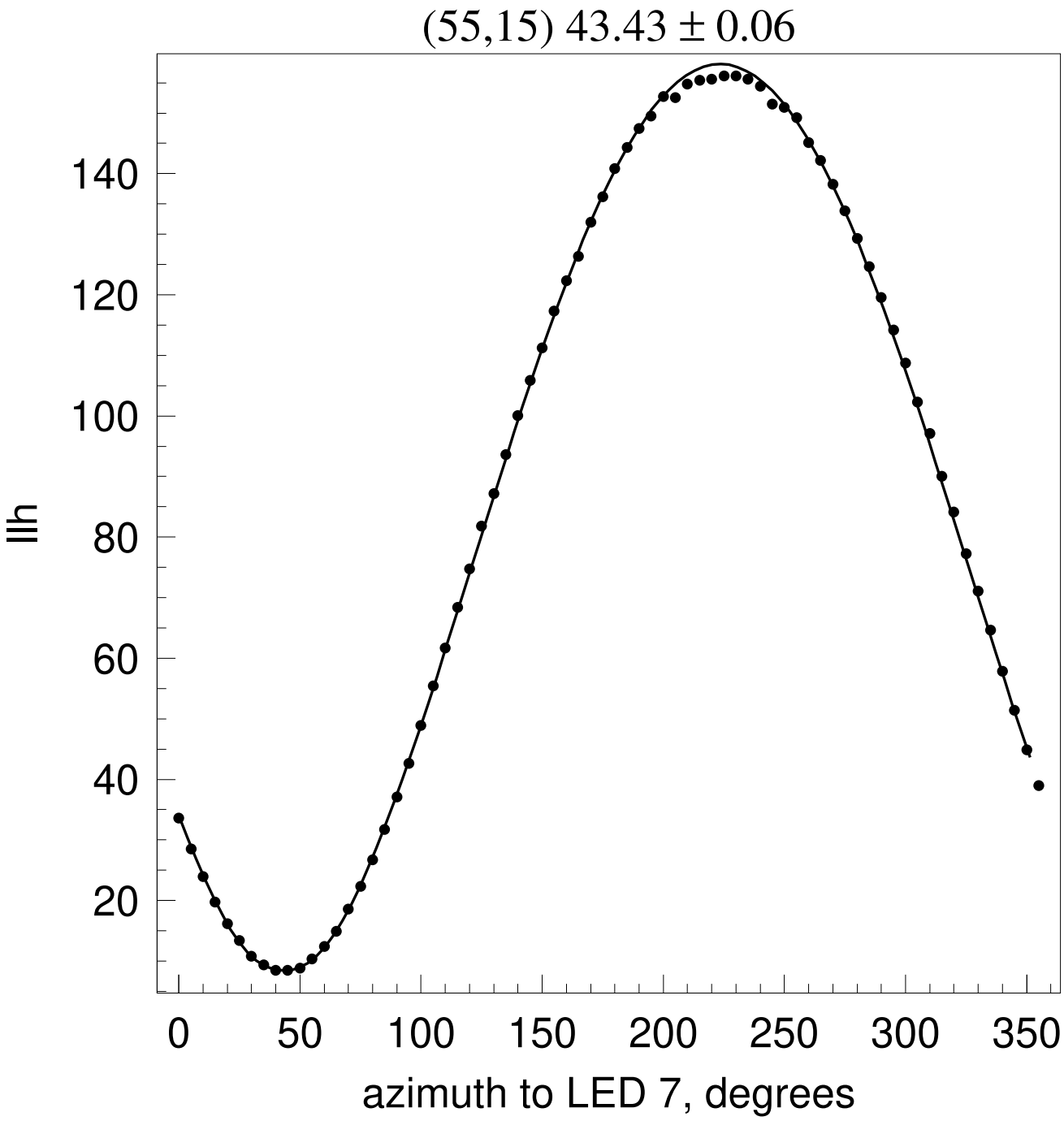

(55,10) 136.90 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

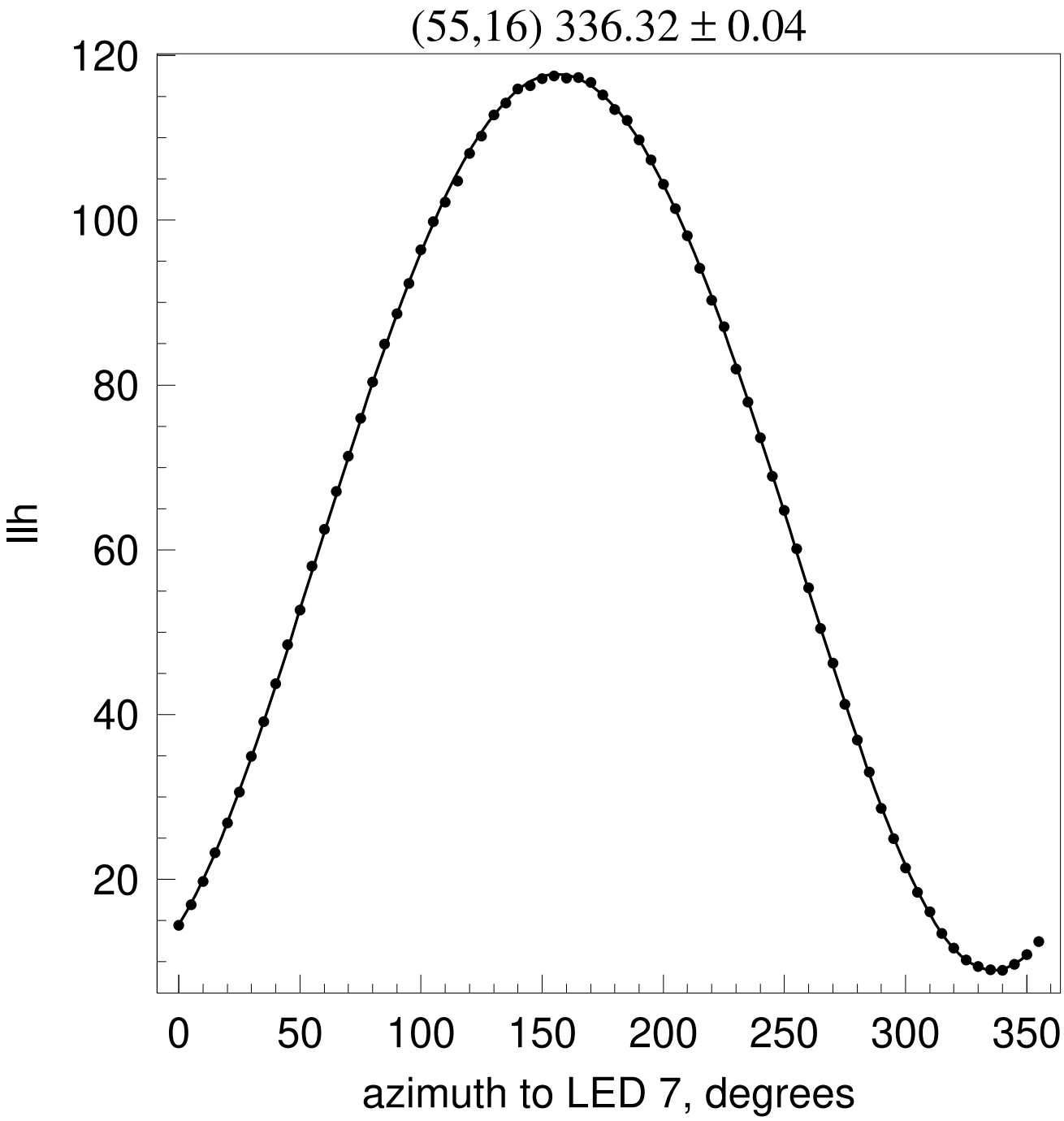

(55,11) 163.73 ± 1.28
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

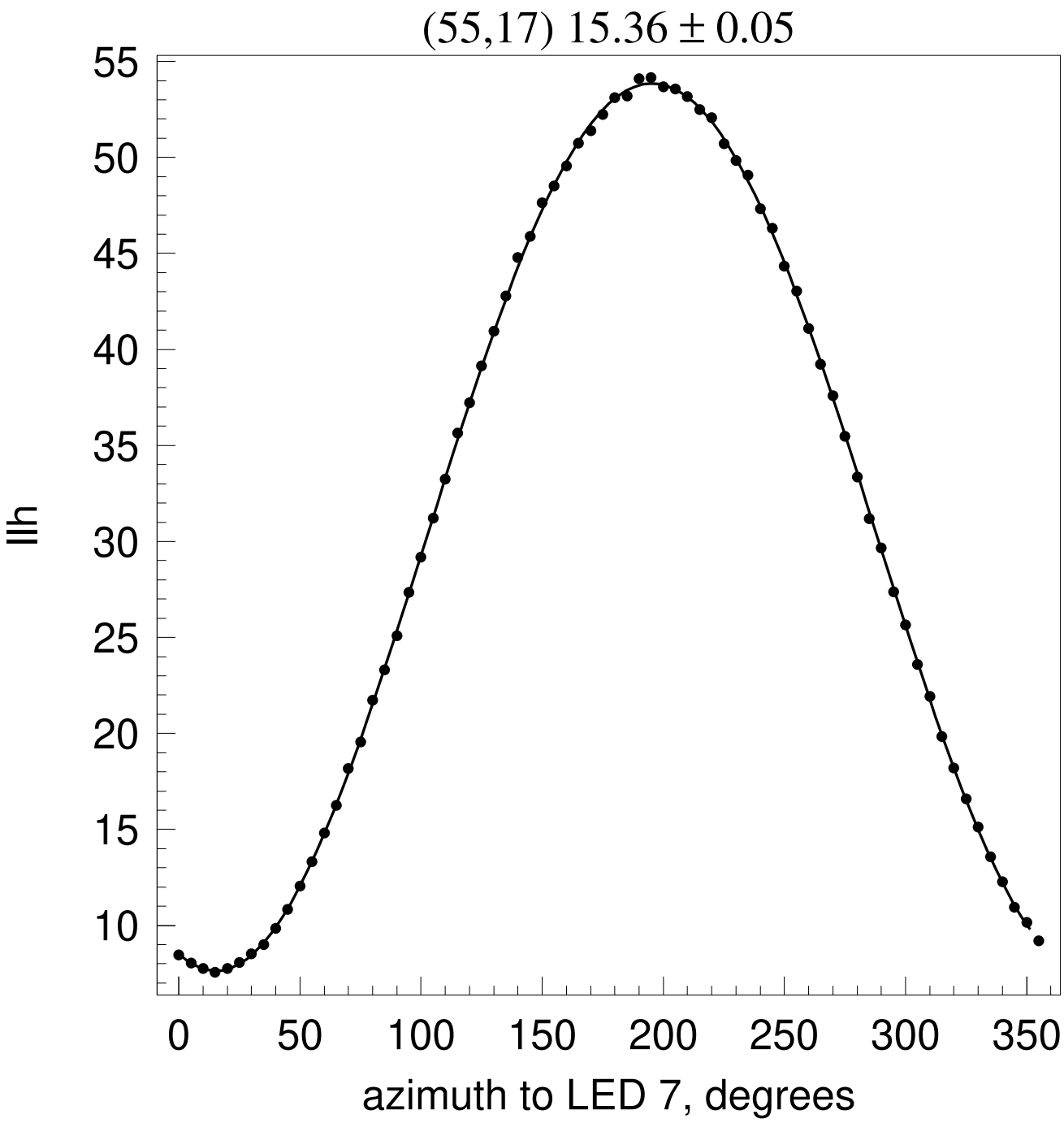

(55,12) 110.41 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

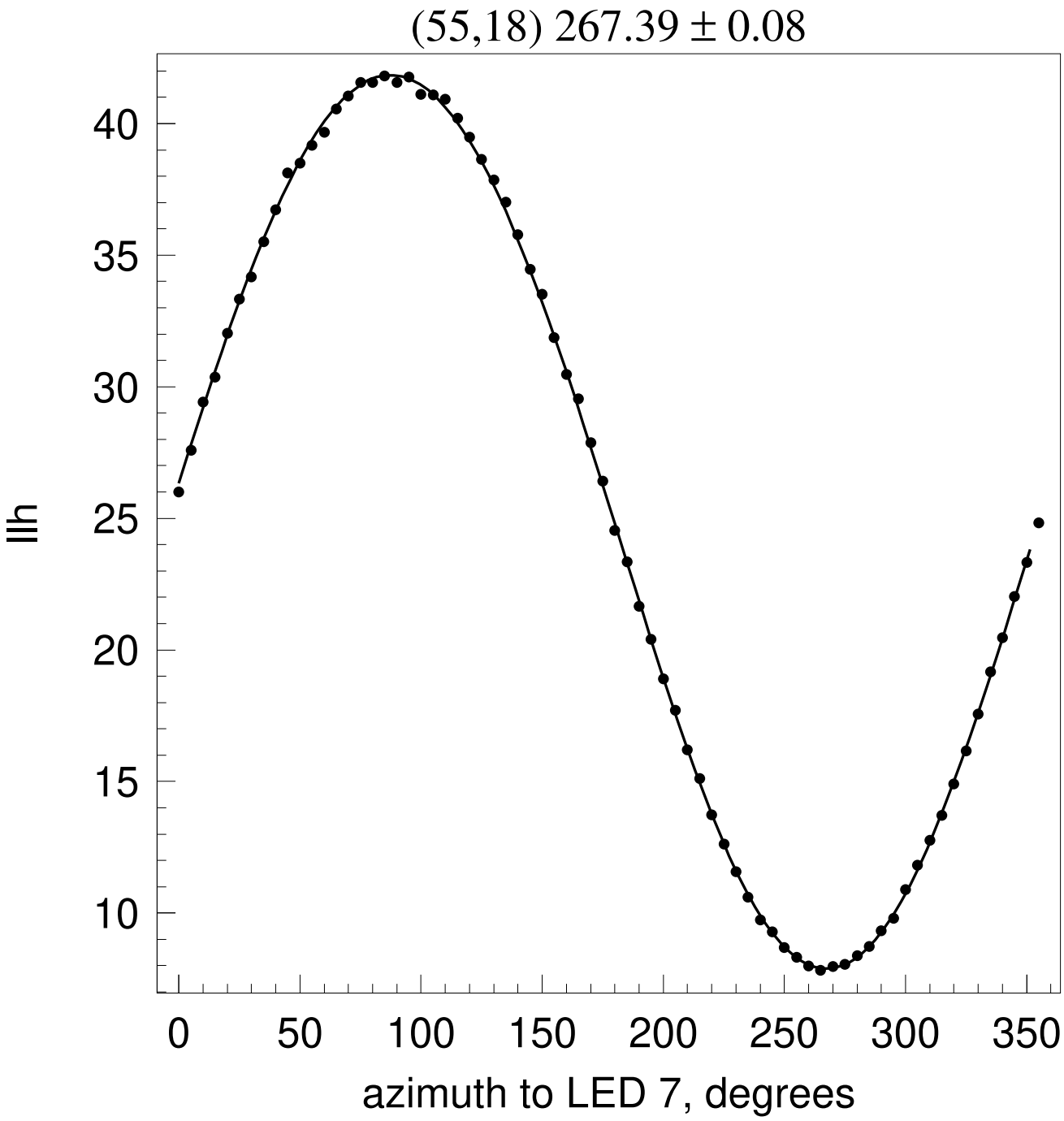

(55,13) 160.71 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

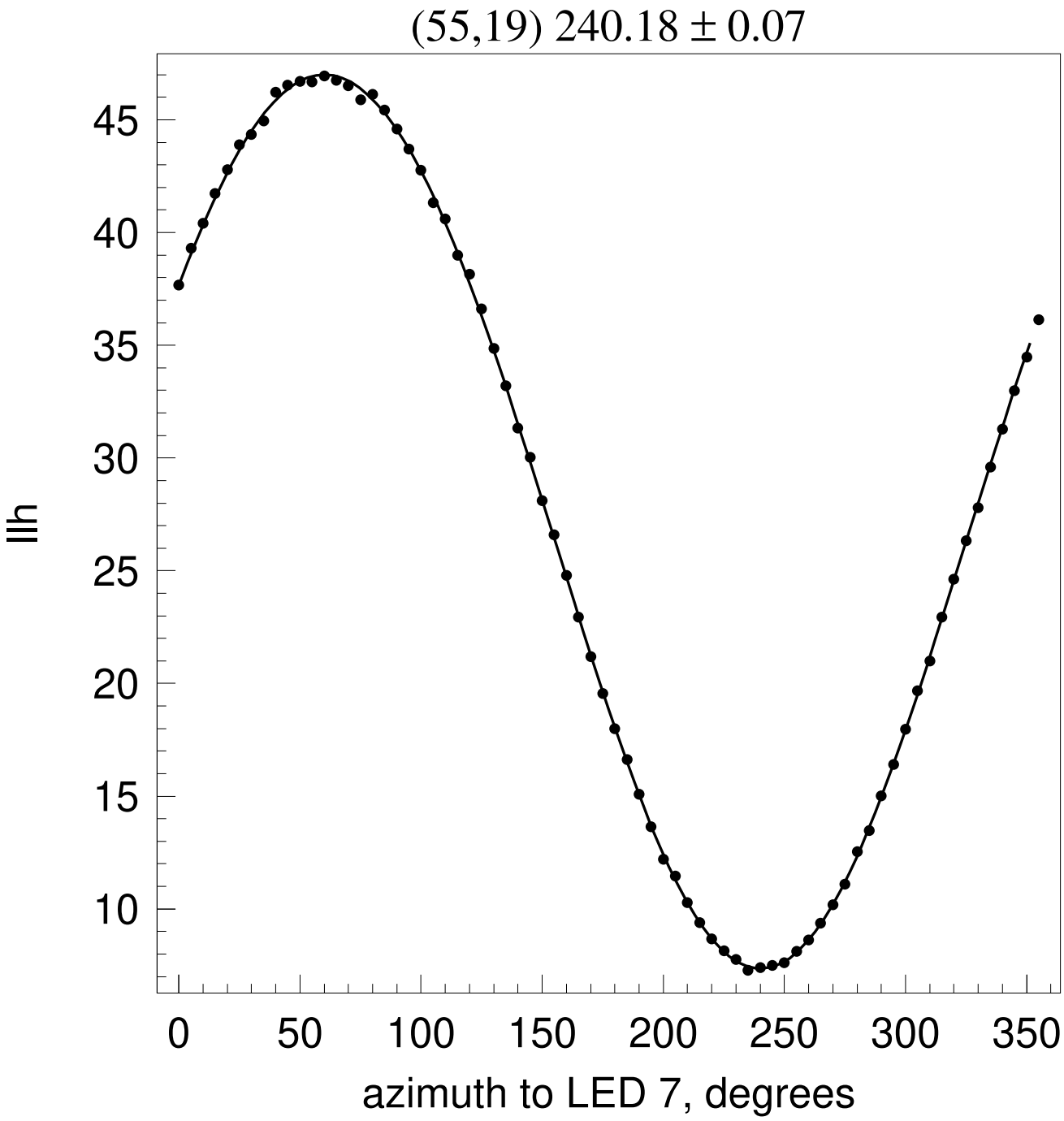

(55,14) 352.00 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

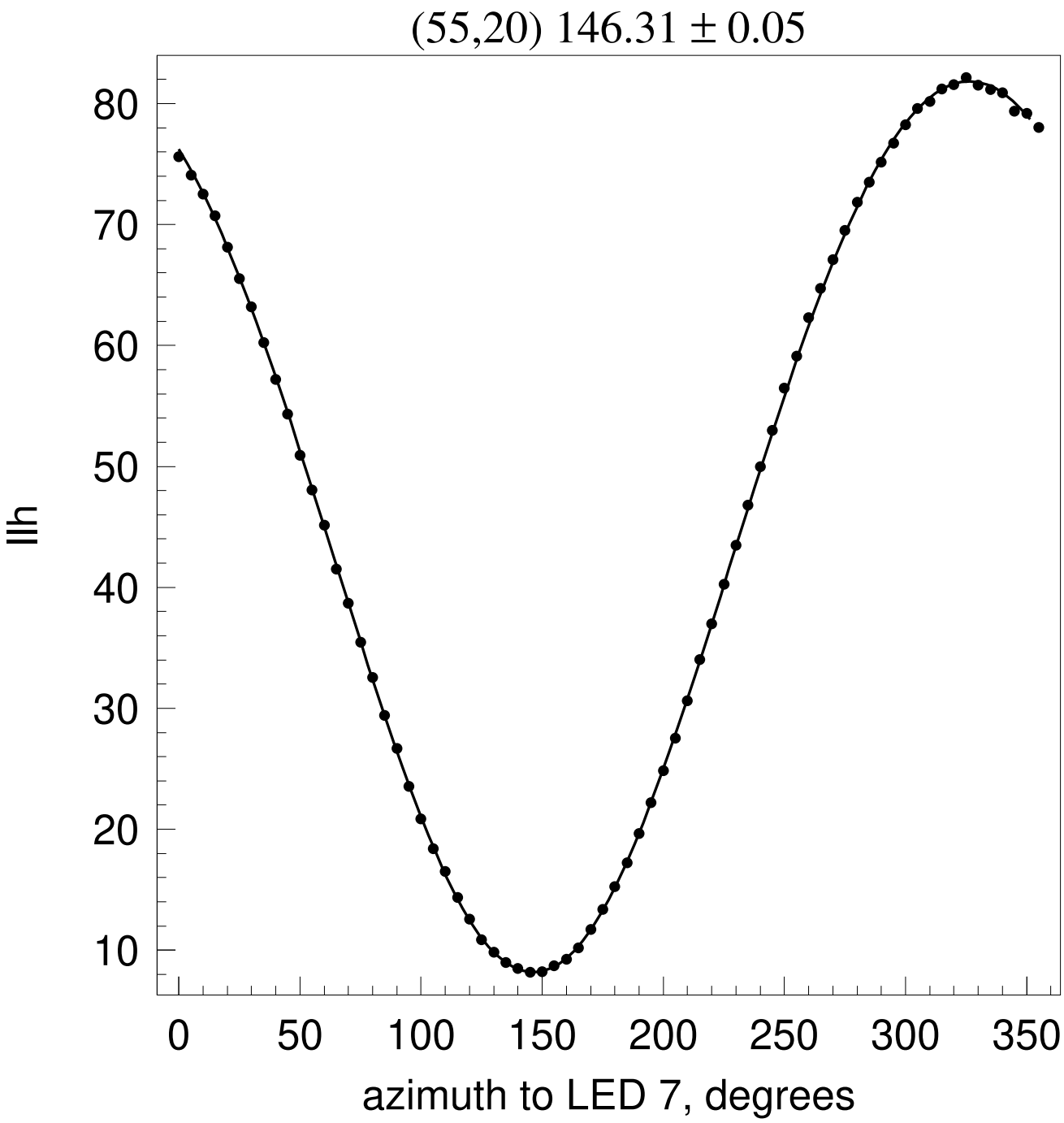

(55,15) 43.43 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

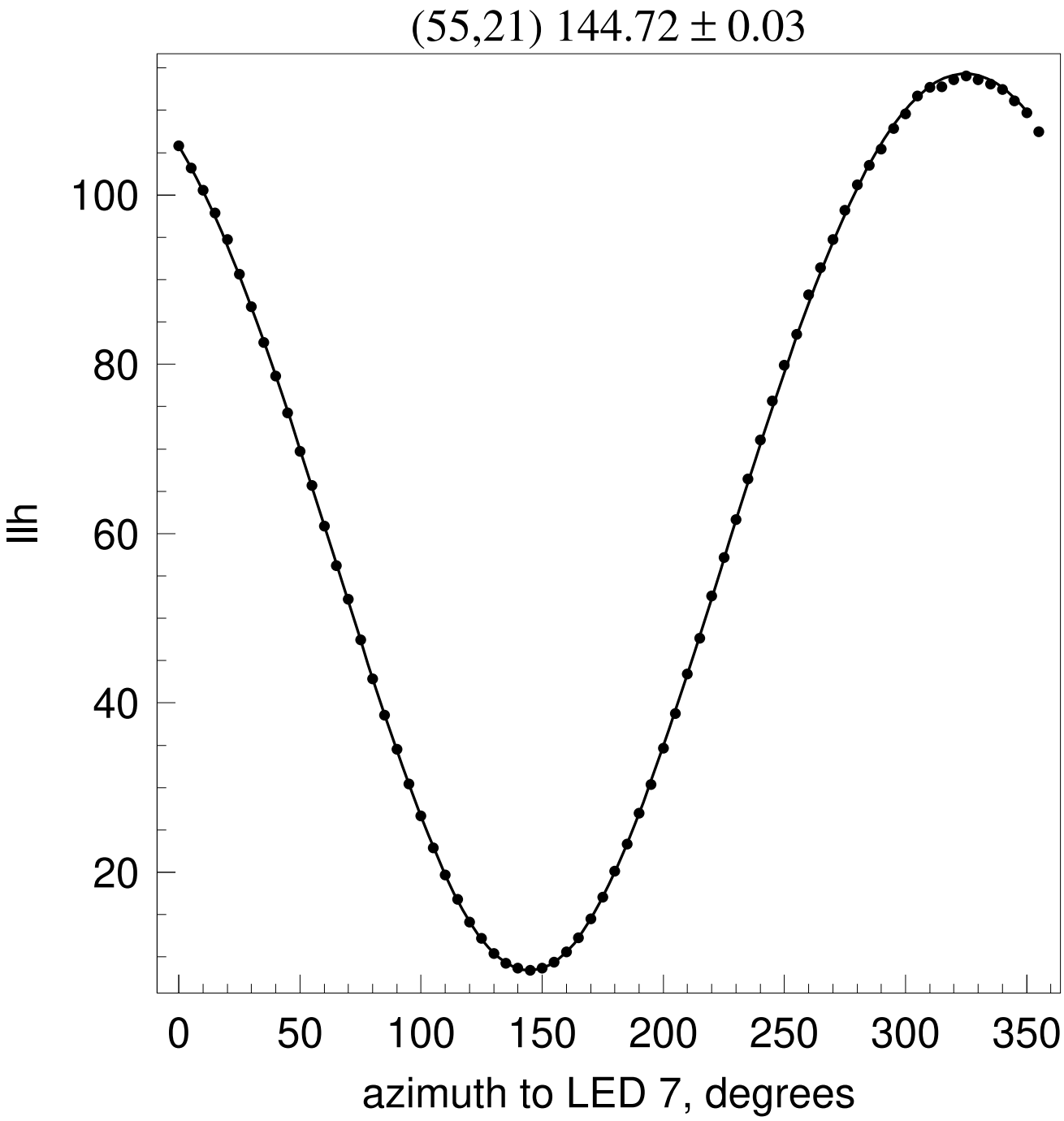

(55,16) 336.32 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

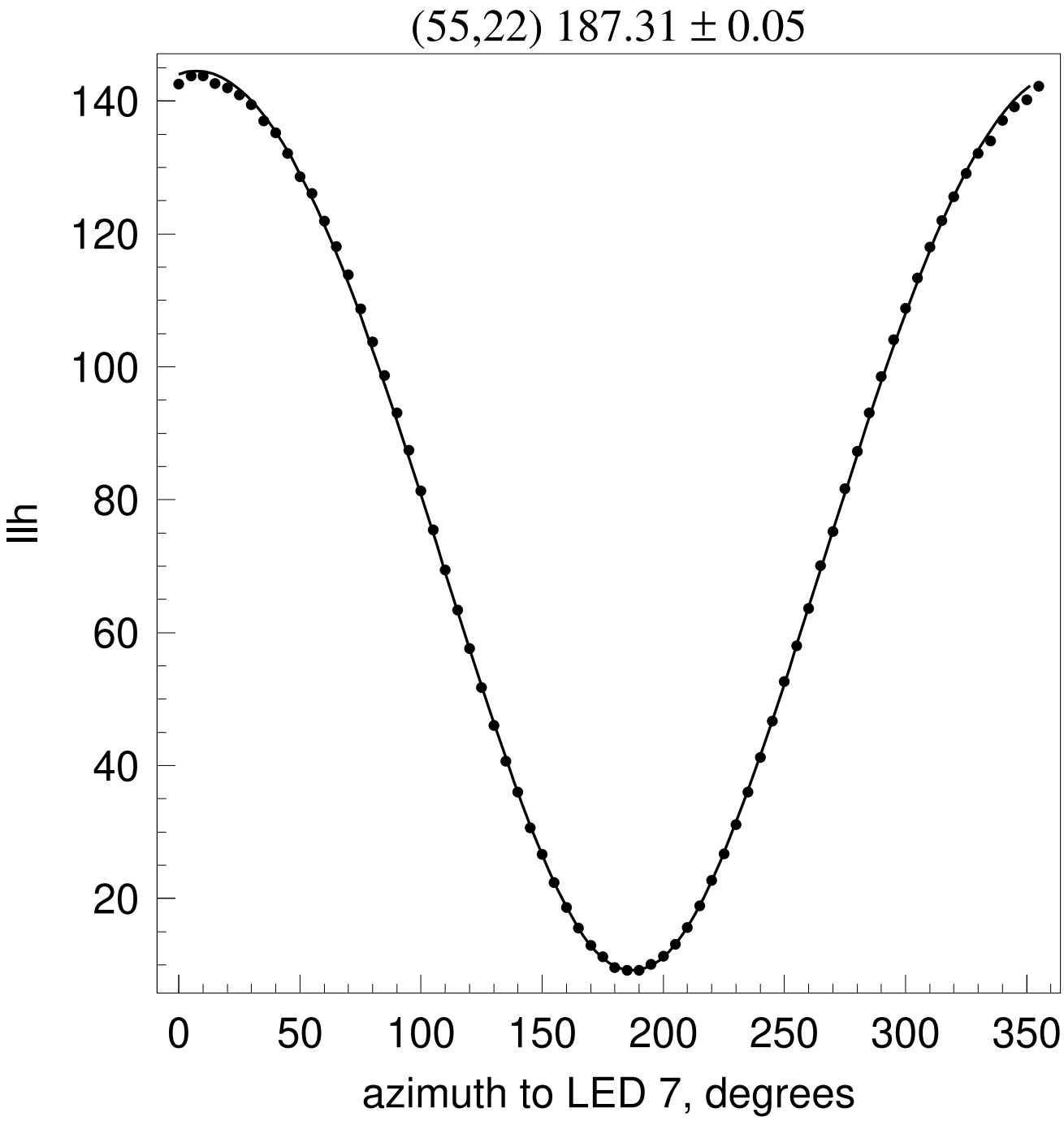

(55,17) 15.36 ± 0.05
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

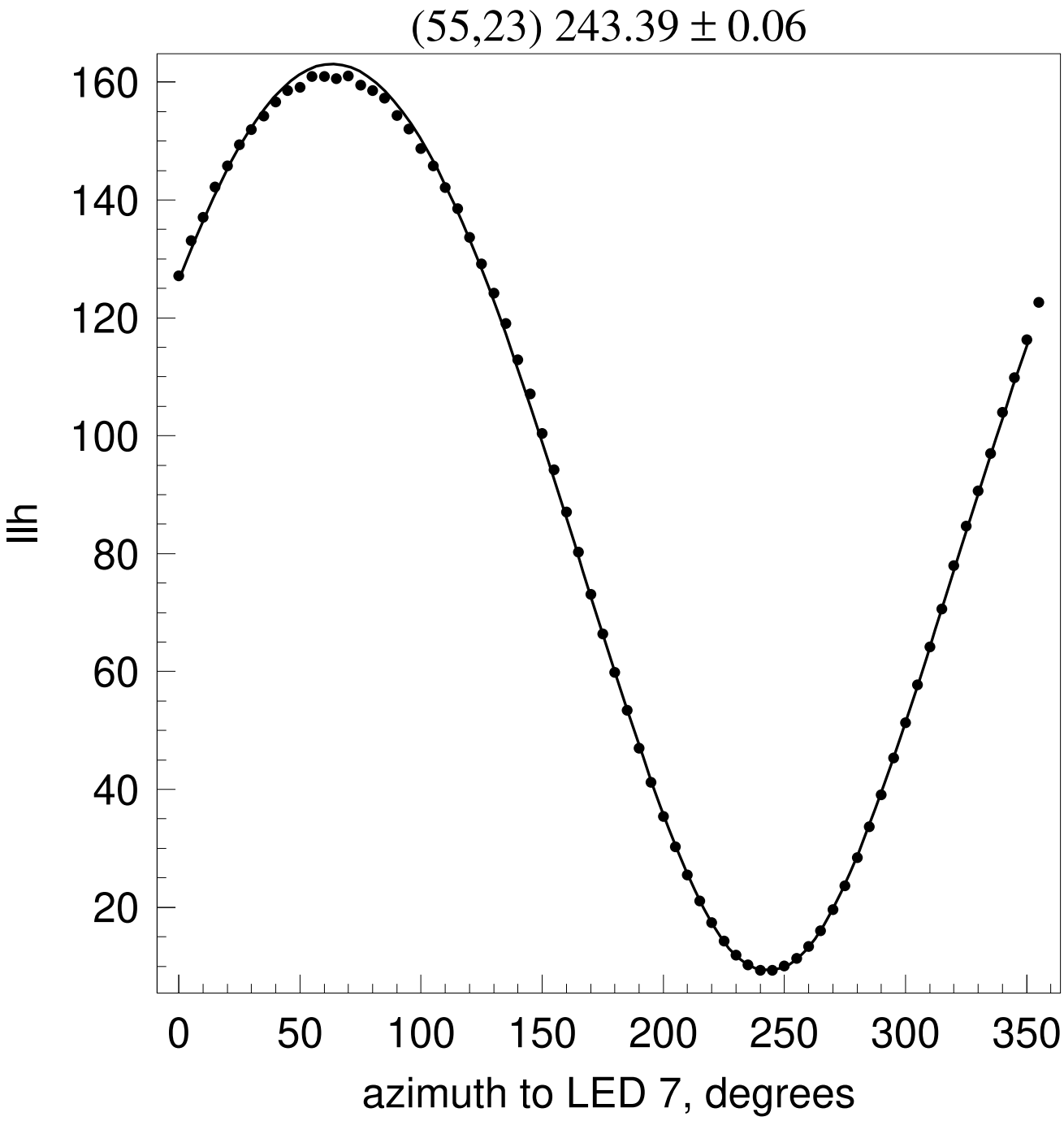

(55,18) 267.39 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

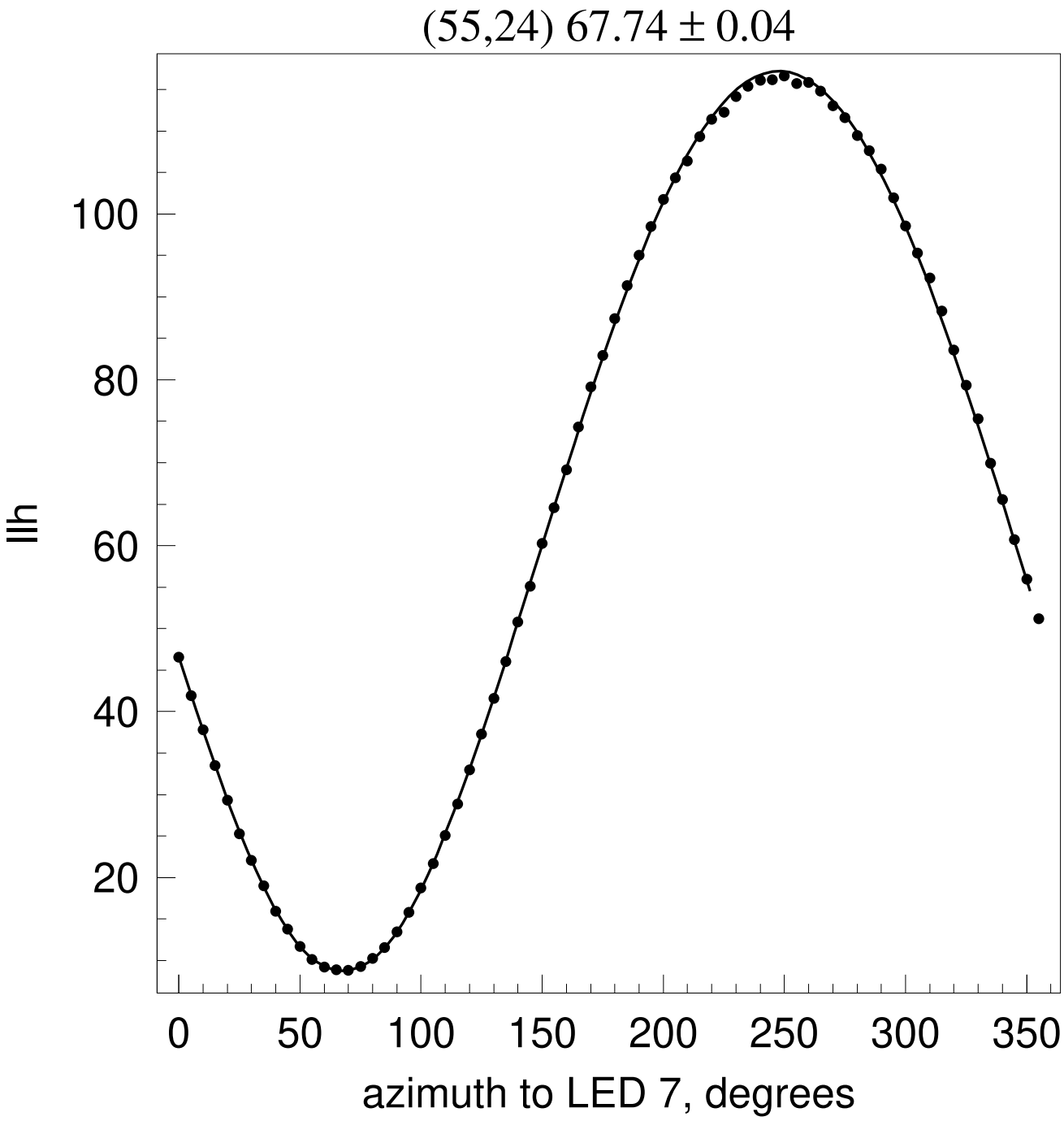

(55,19) 240.18 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

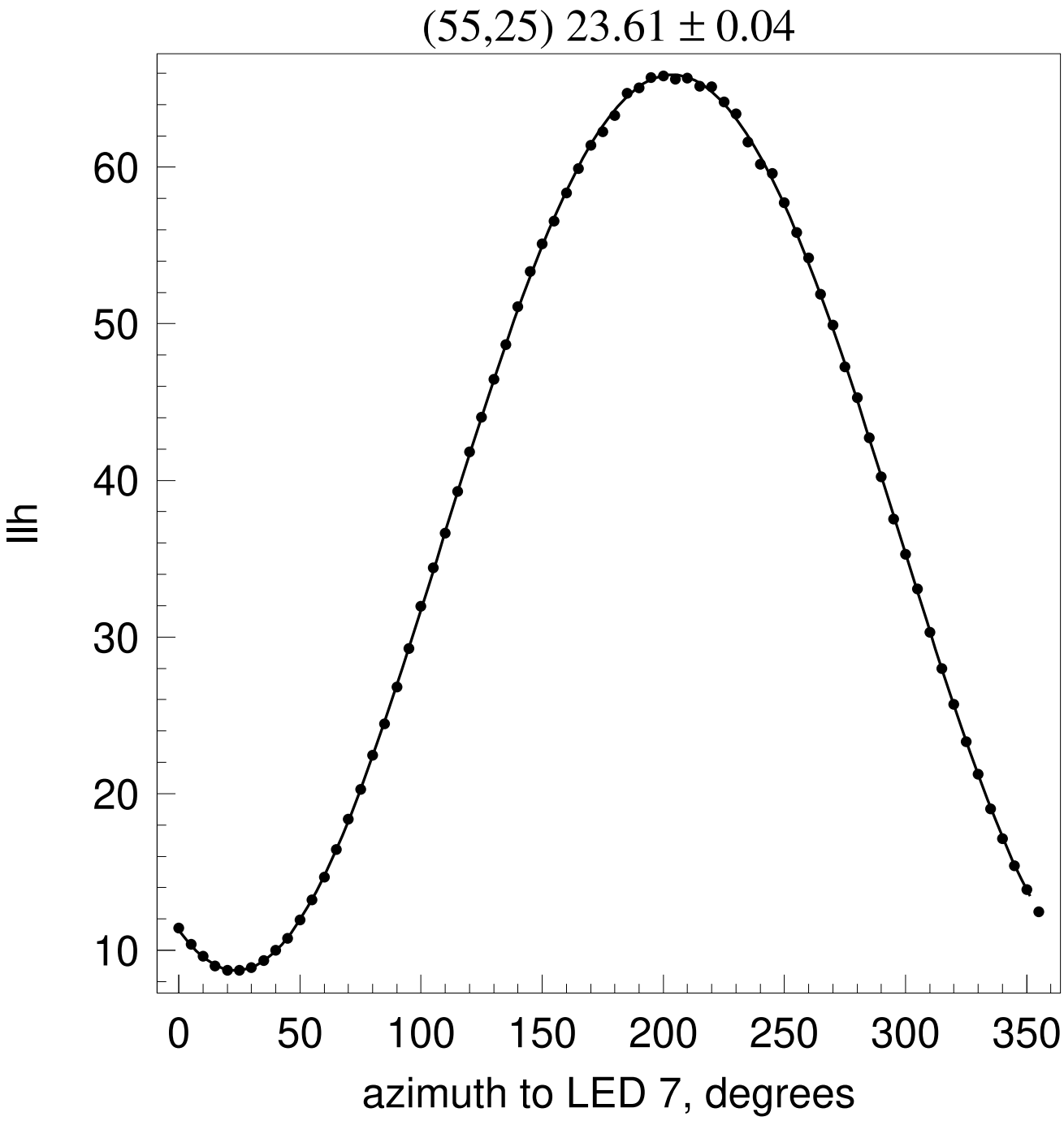

(55,20) 146.31 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

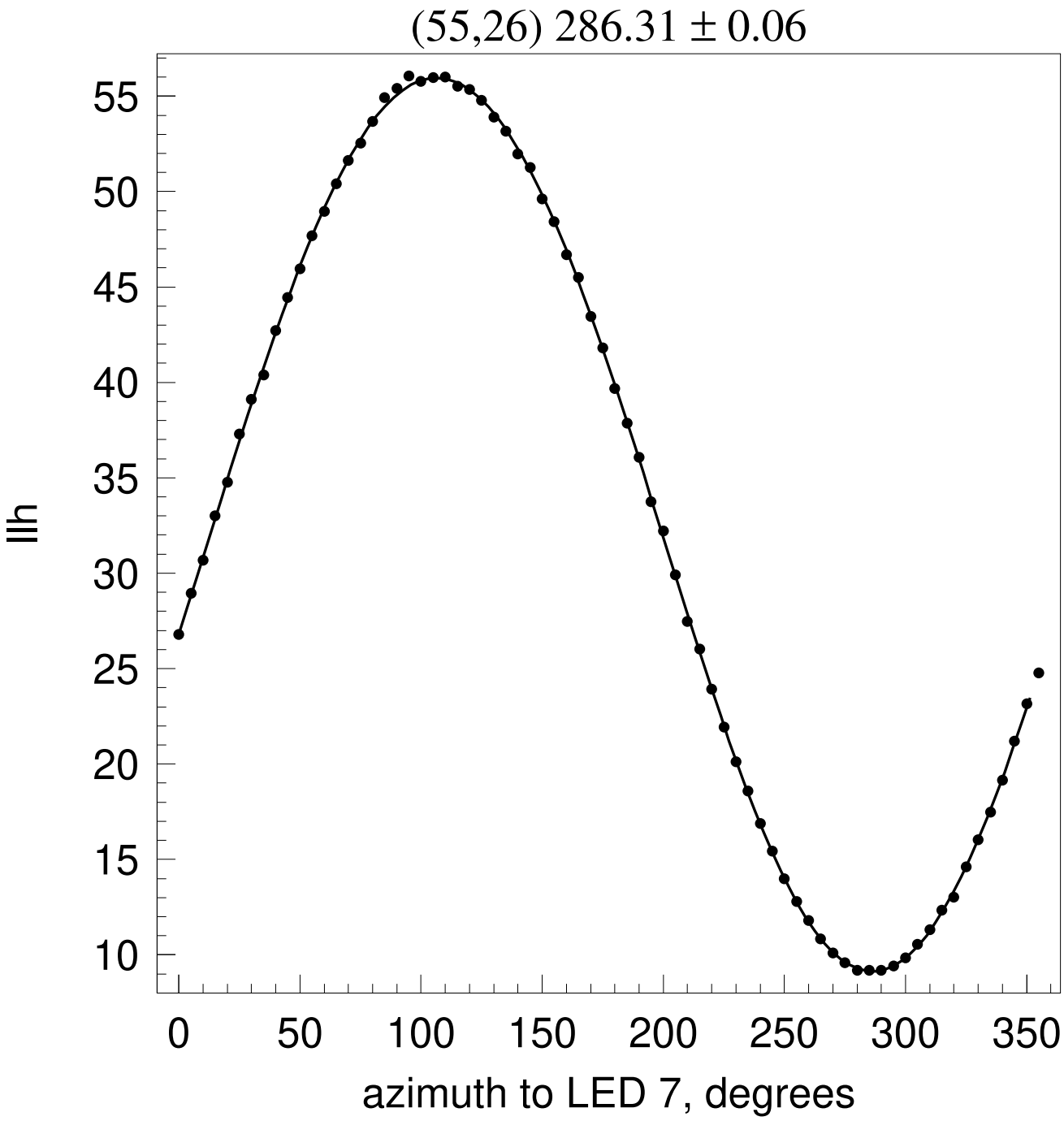

(55,21) 144.72 ± 0.03
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

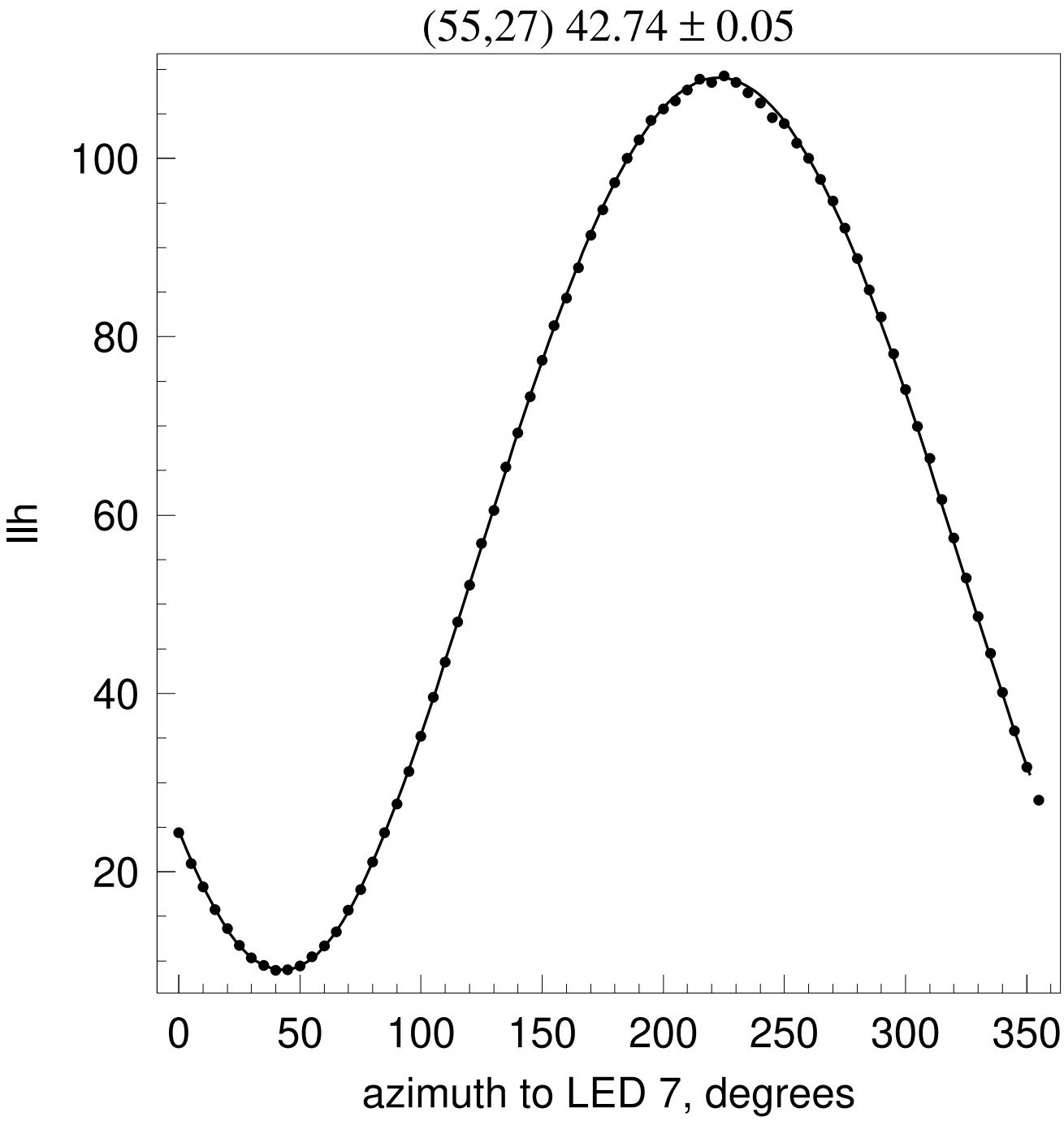

(55,22) 187.31 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

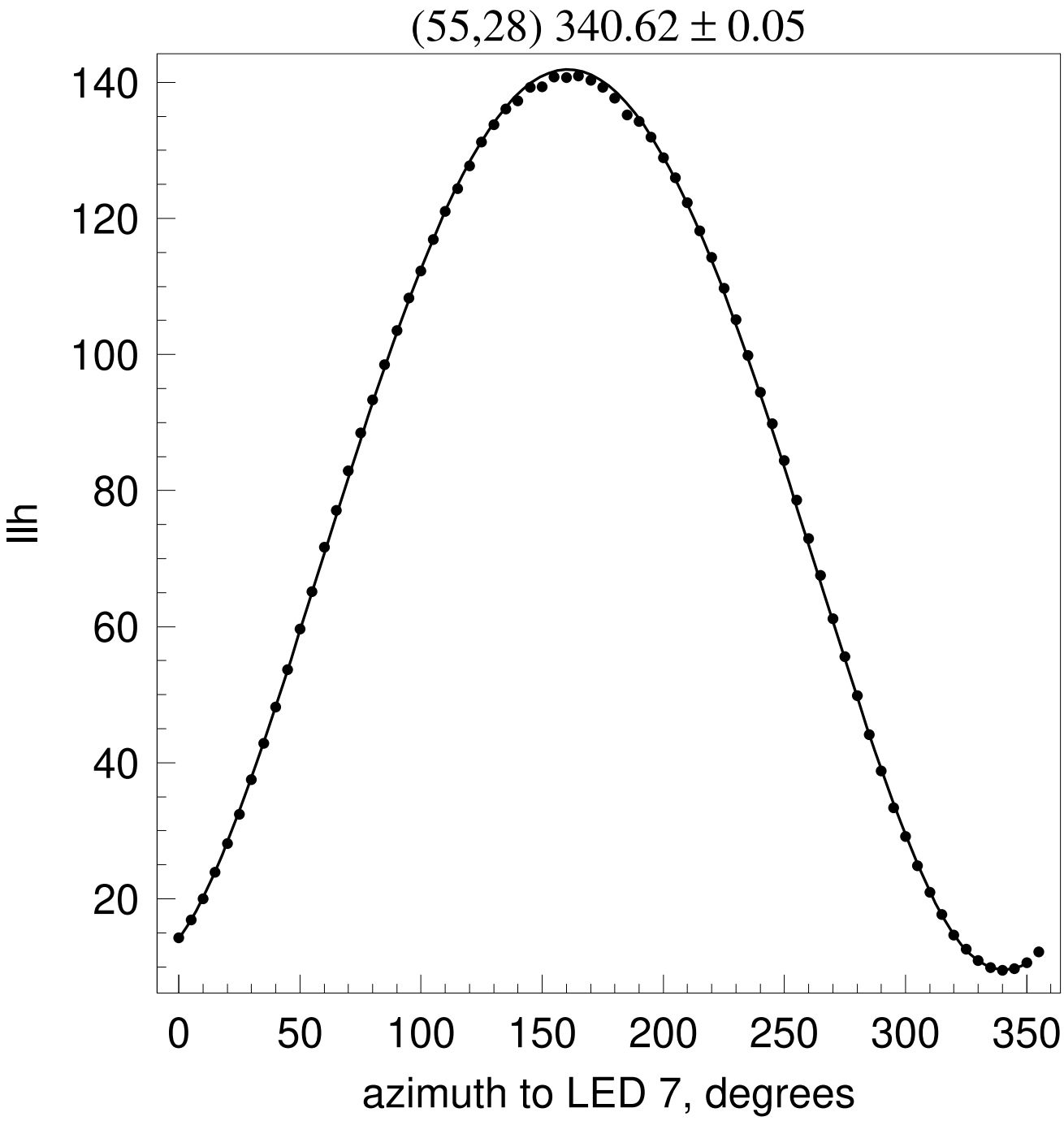

(55,23) 243.39 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

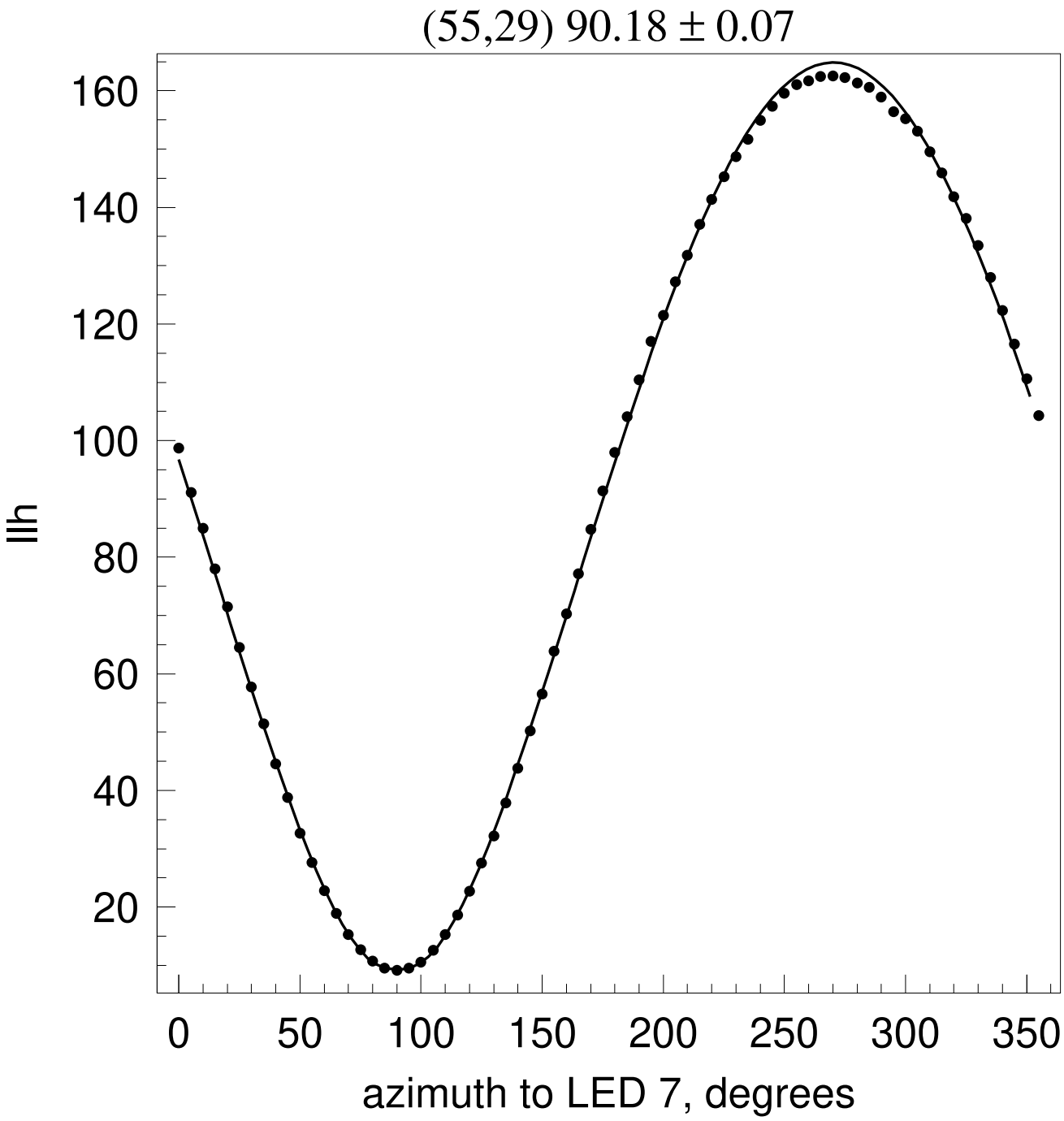

(55,24) 67.74 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

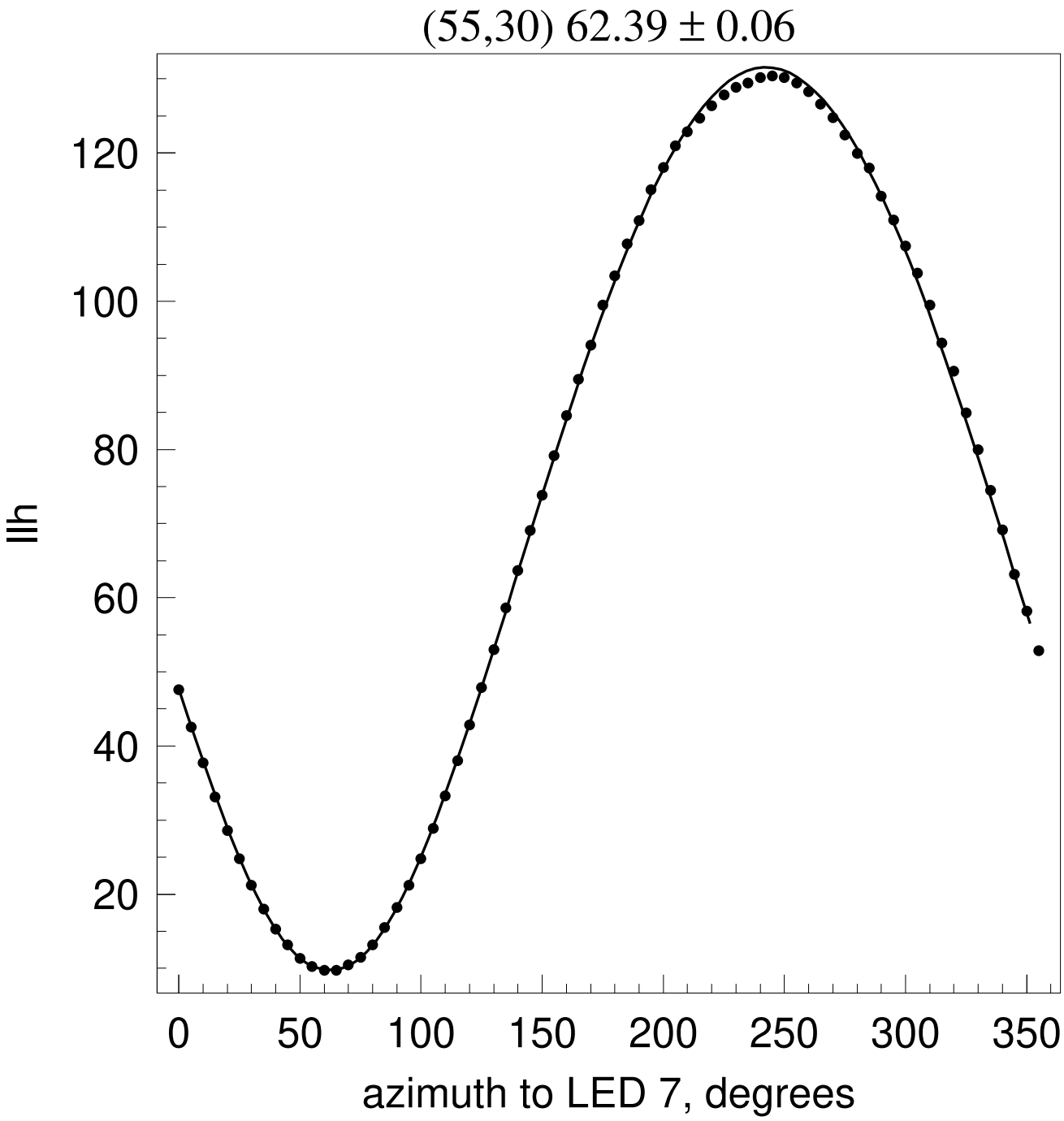

(55,25) 23.61 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

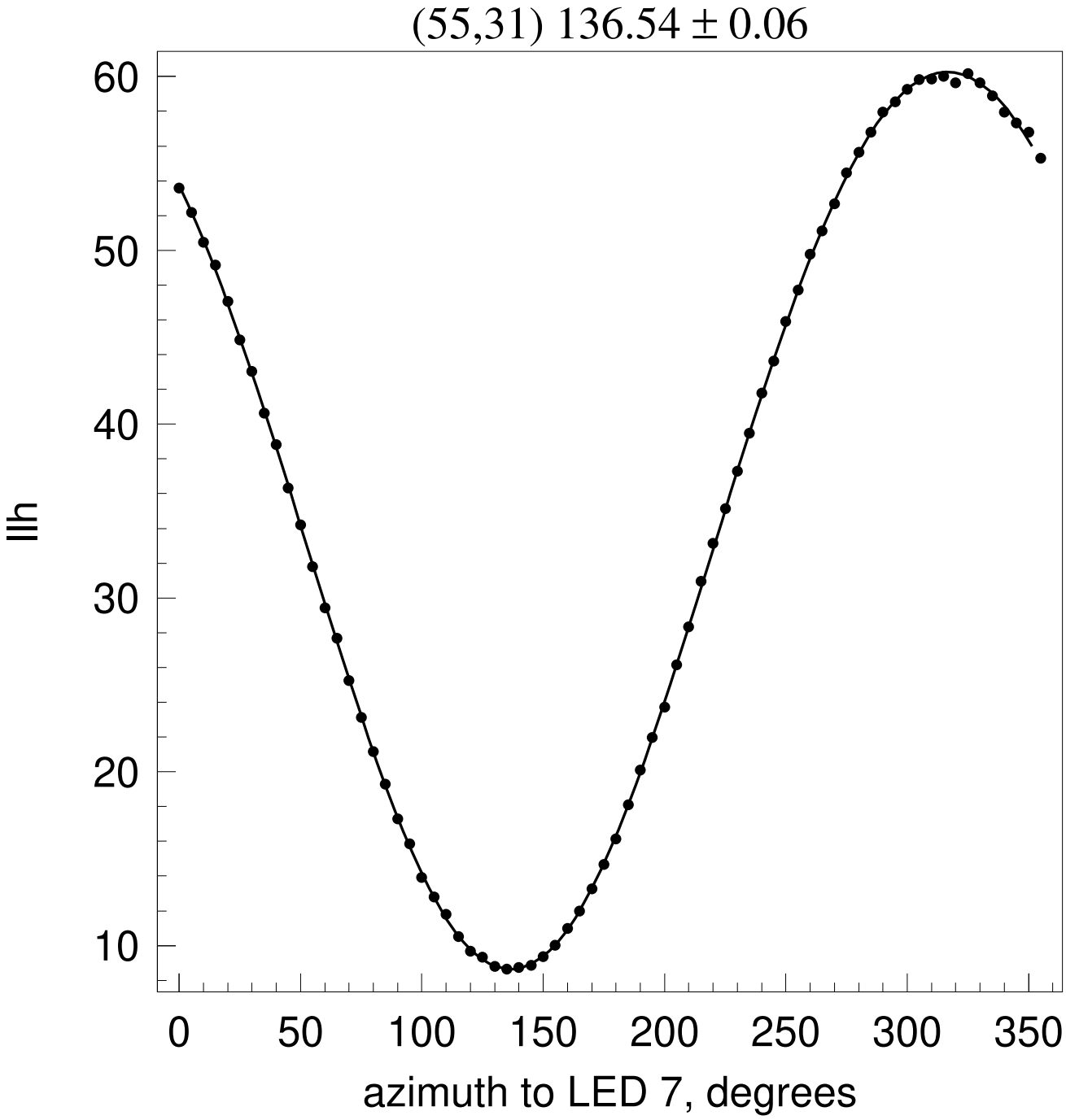

(55,26) 286.31 ± 0.06
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

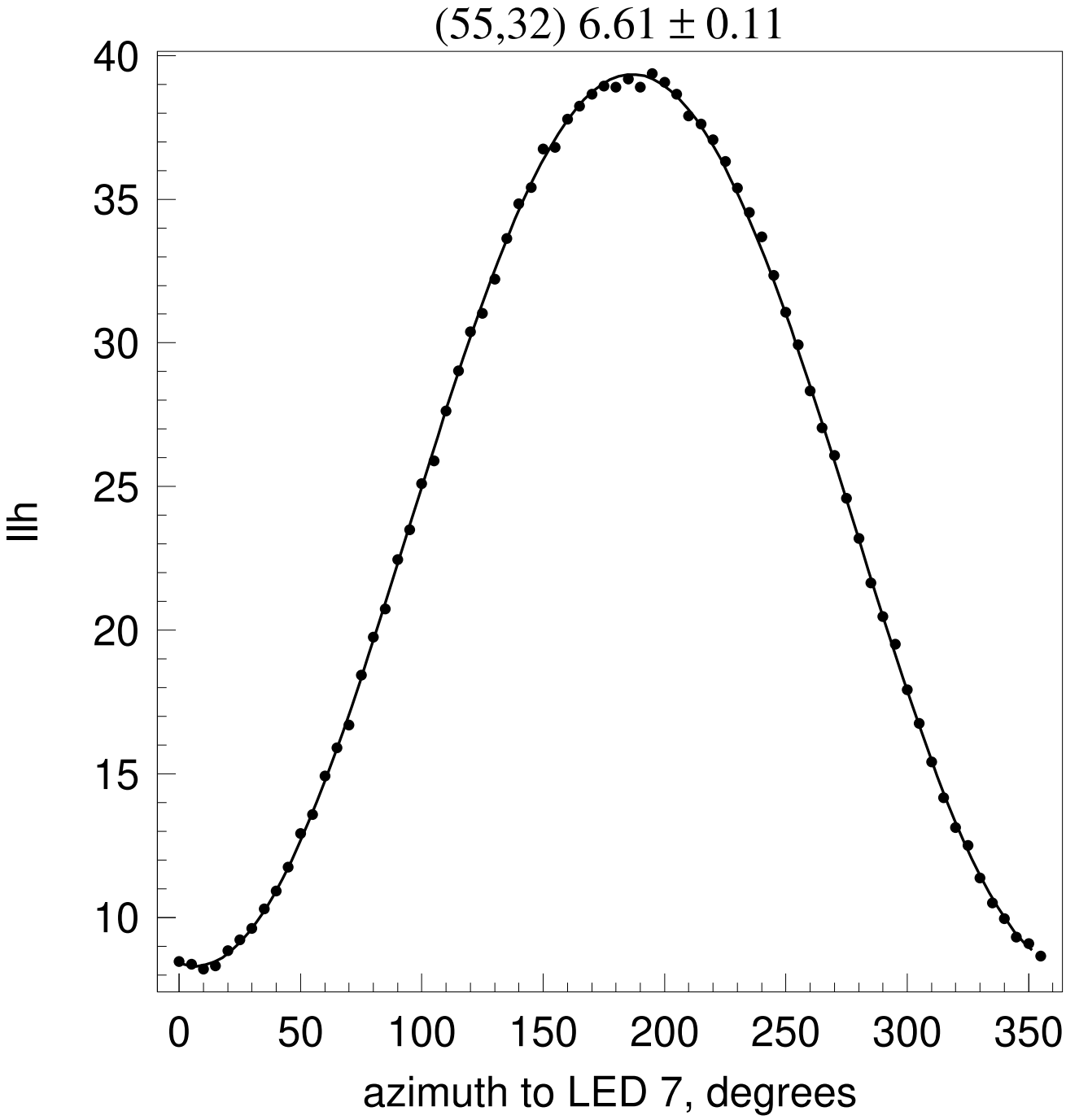

(55,27) 42.74 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

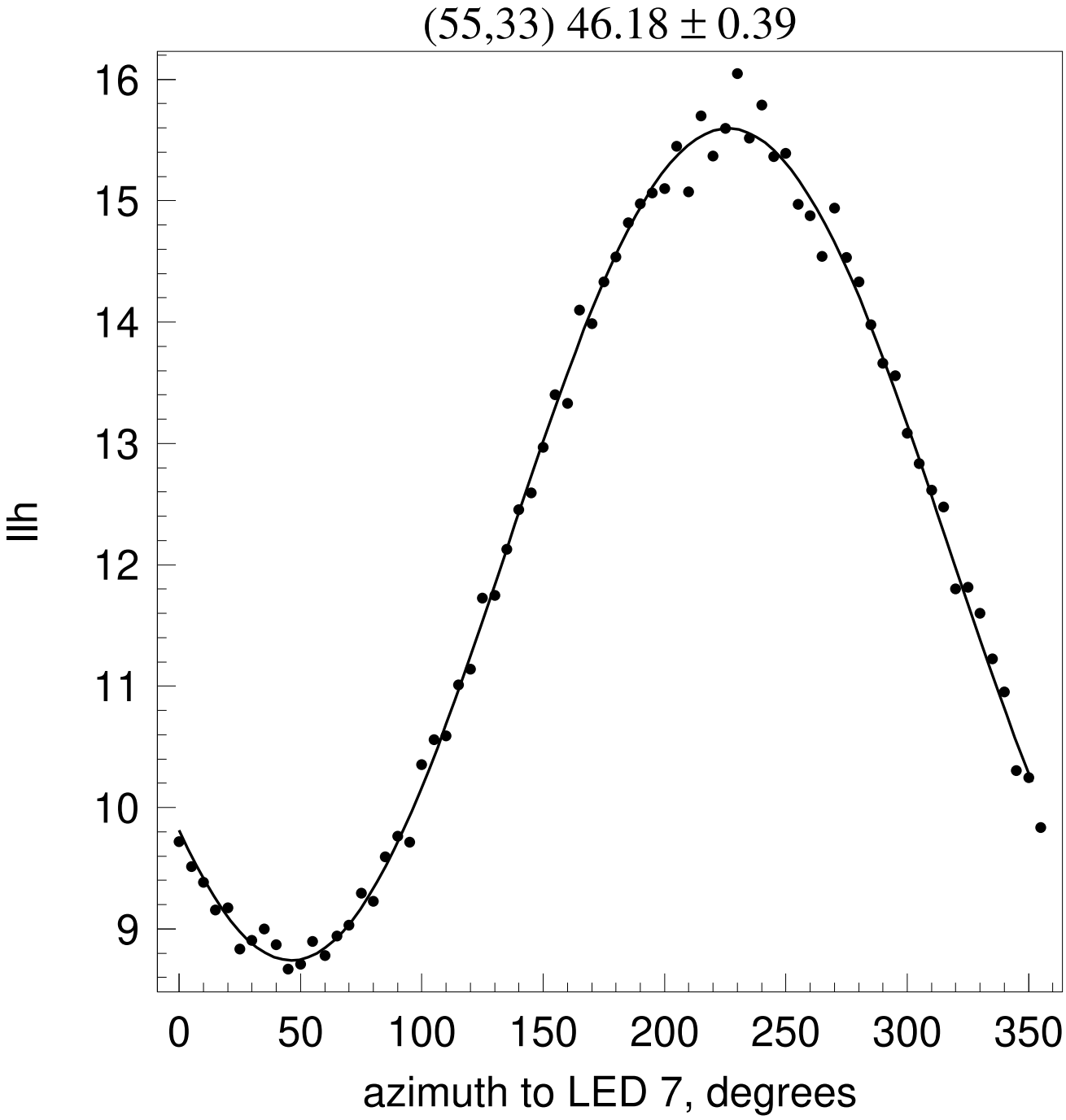

(55,28) 340.62 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

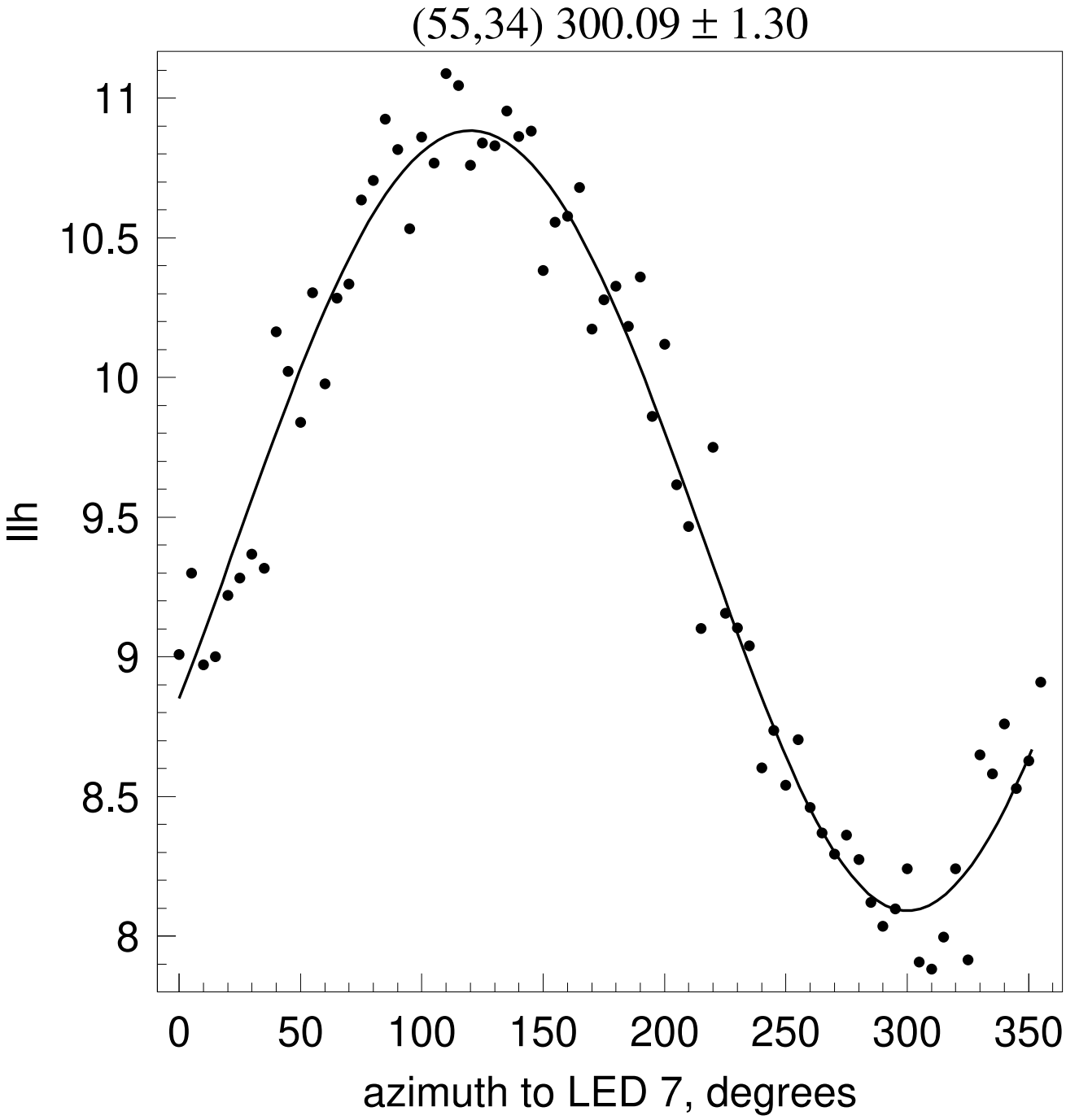

(55,29) 90.18 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

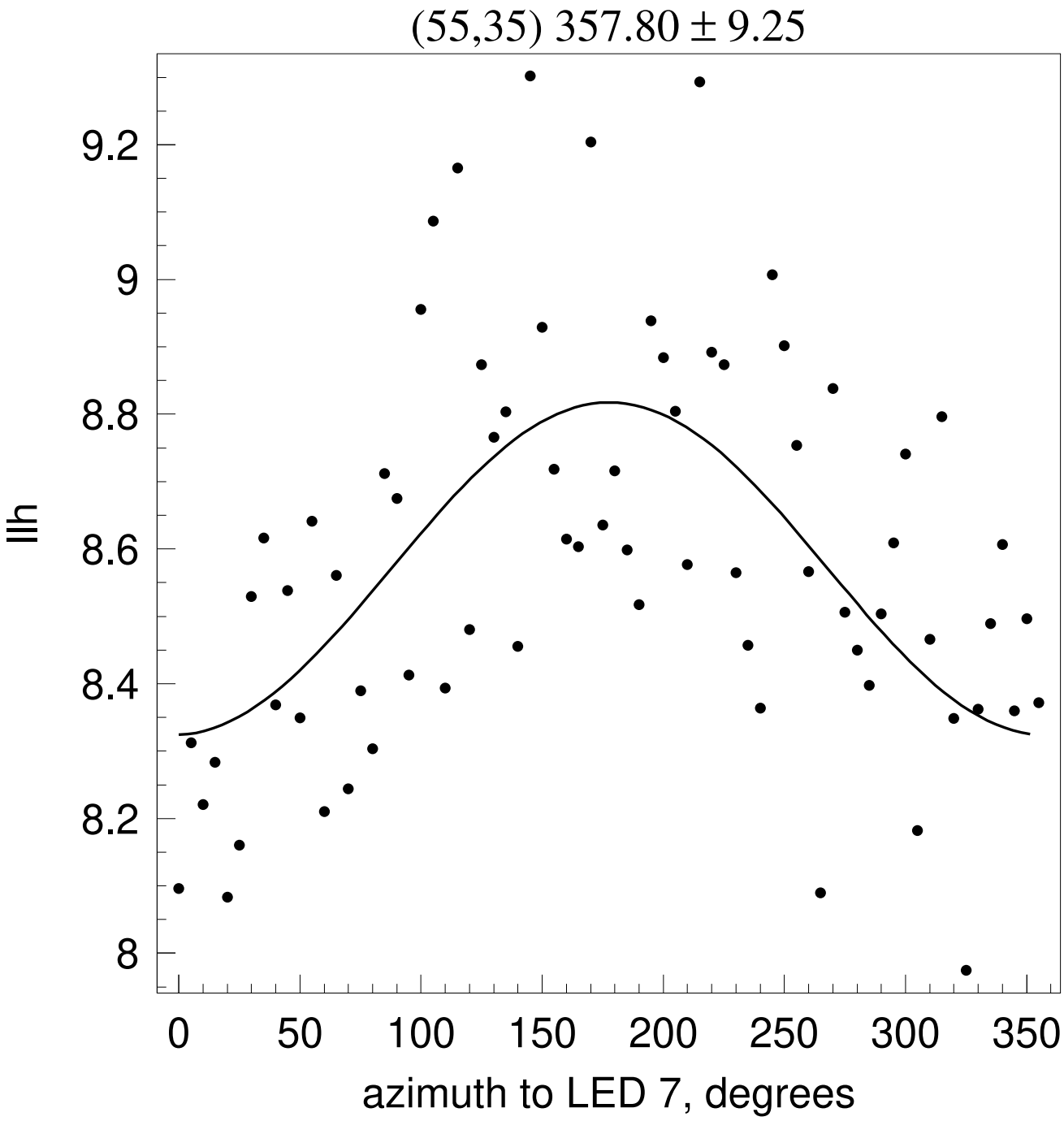

(55,30) 62.39 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

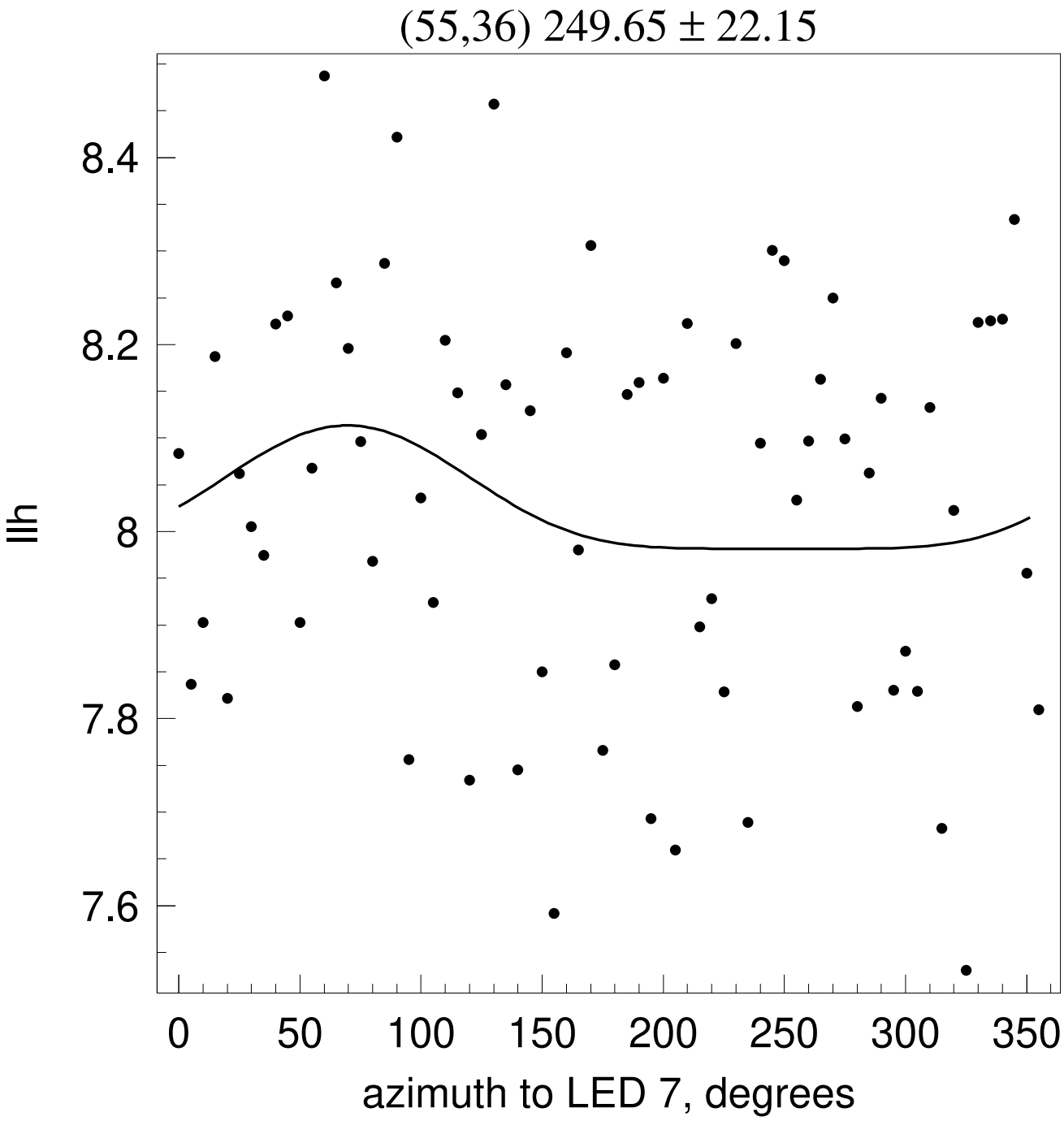

(55,31) 136.54 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

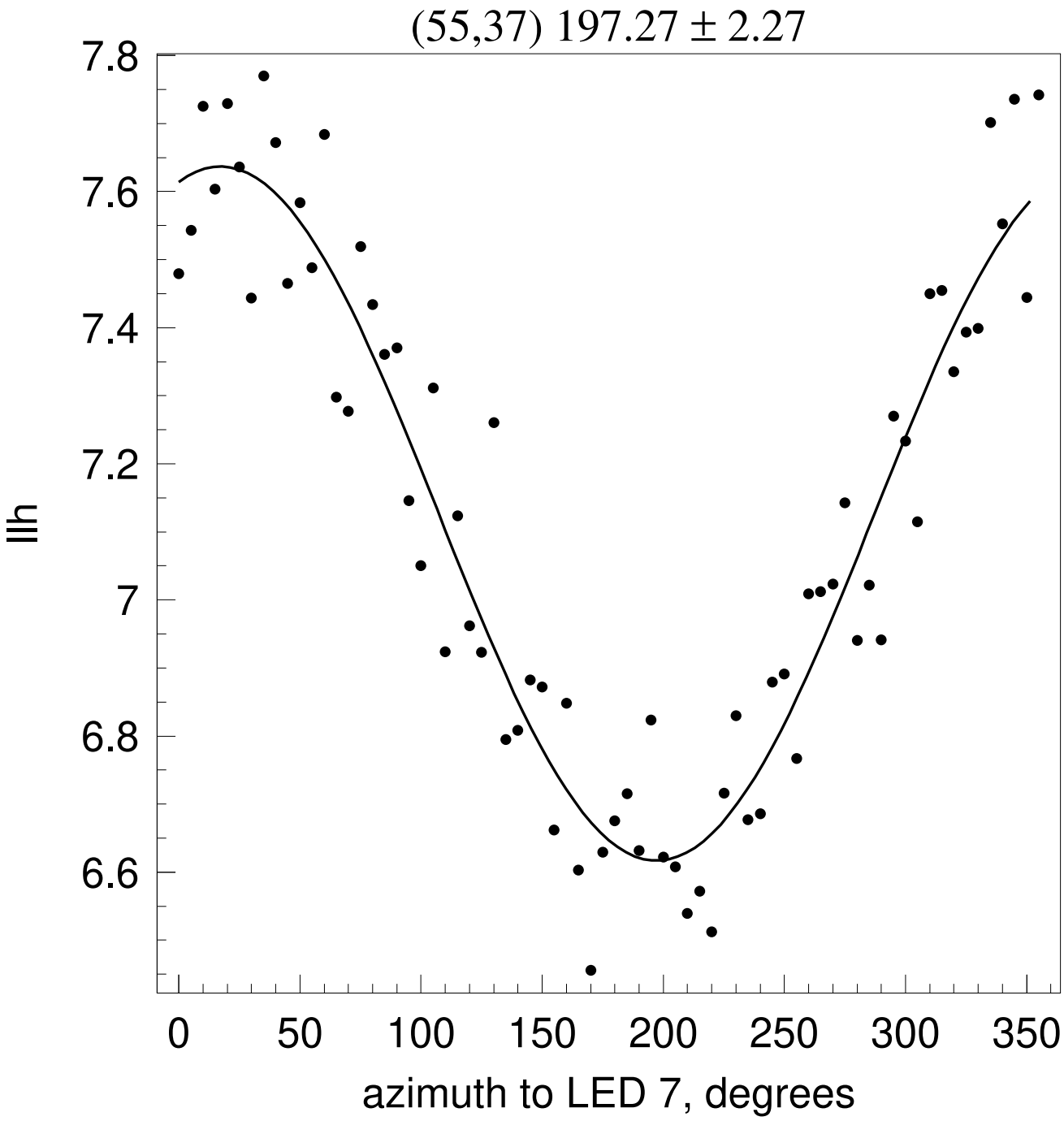

(55,32) 6.61 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

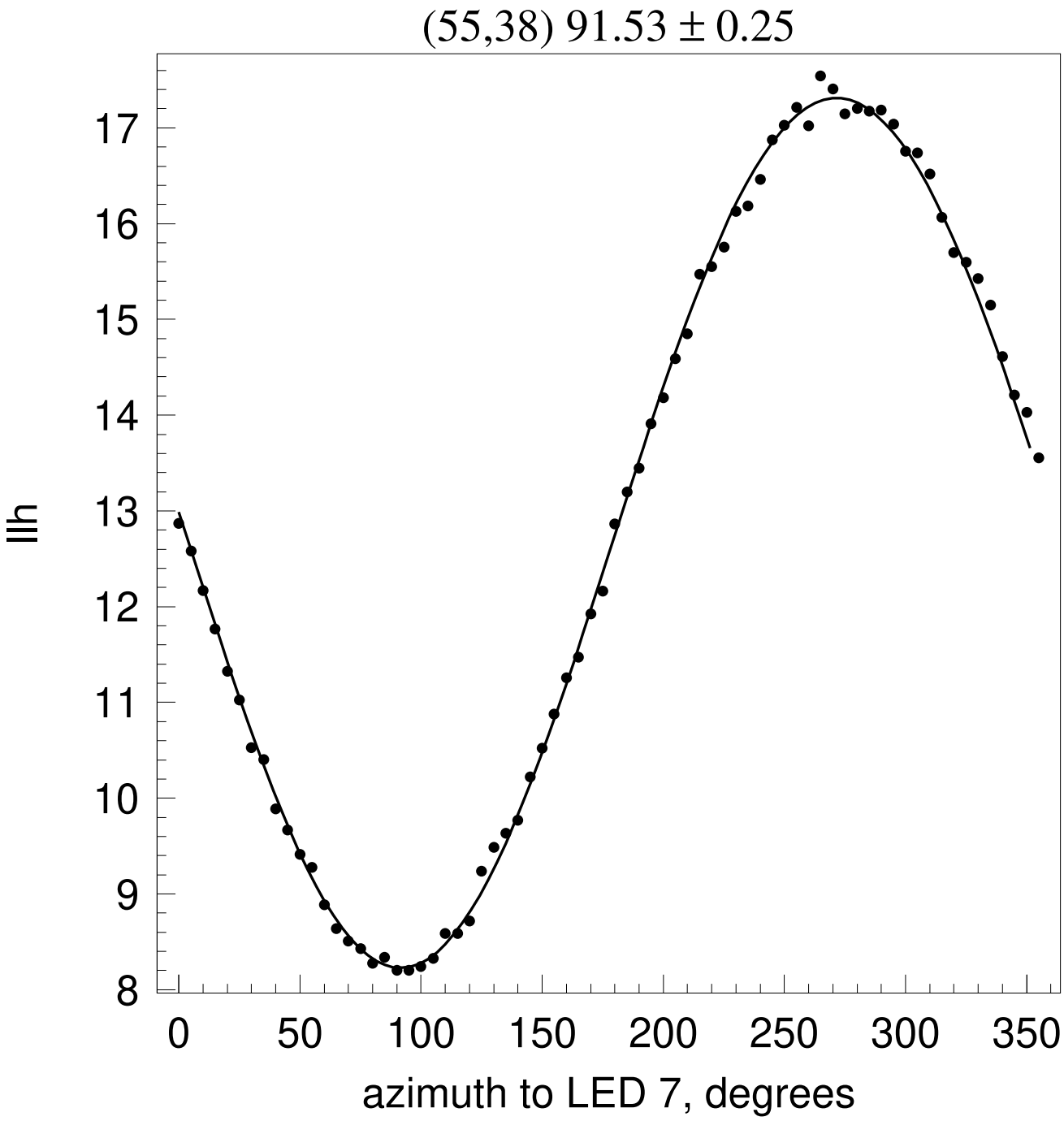

(55,33) 46.18 ± 0.39
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

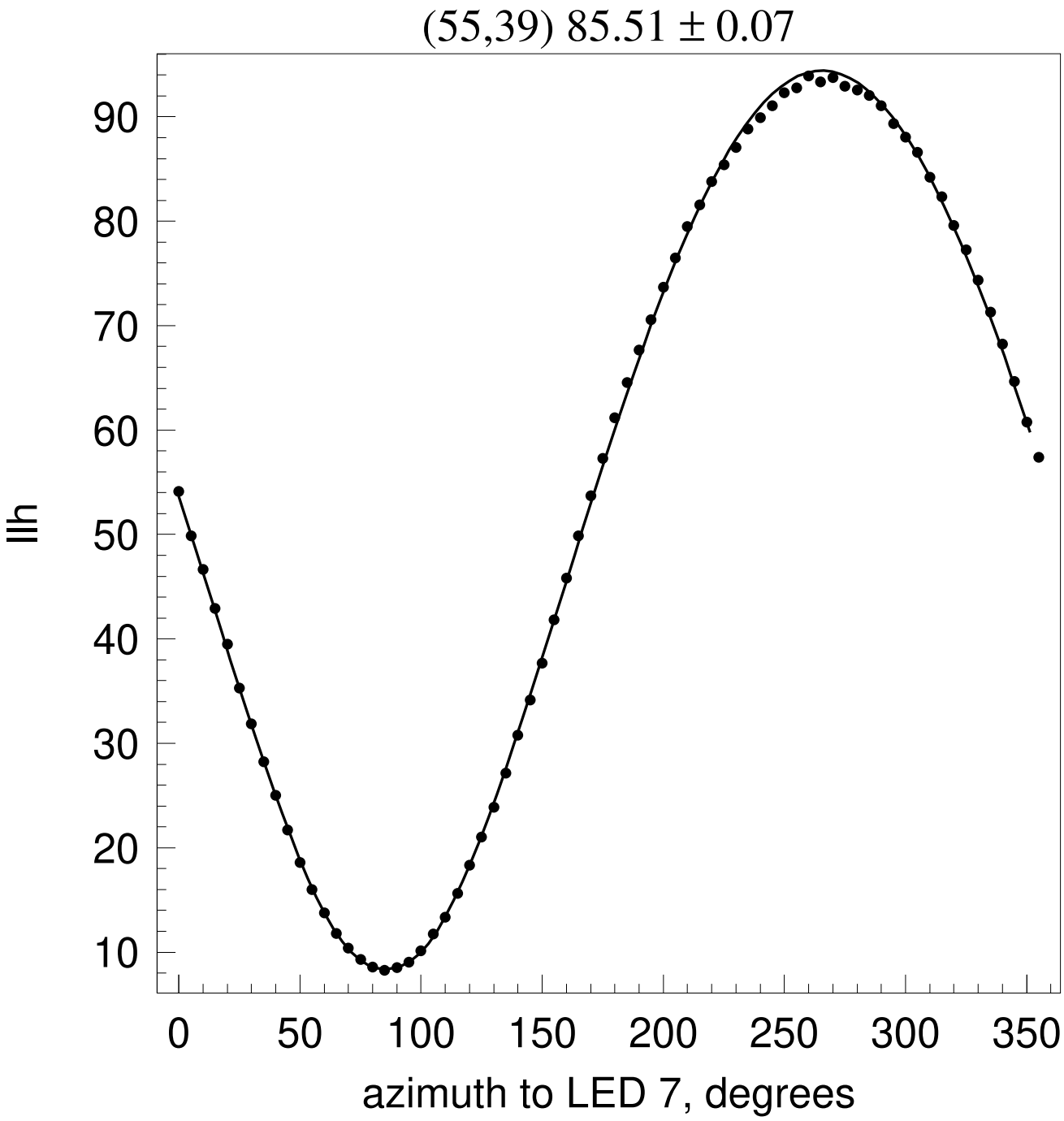

(55,34) 300.09 ± 1.30
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

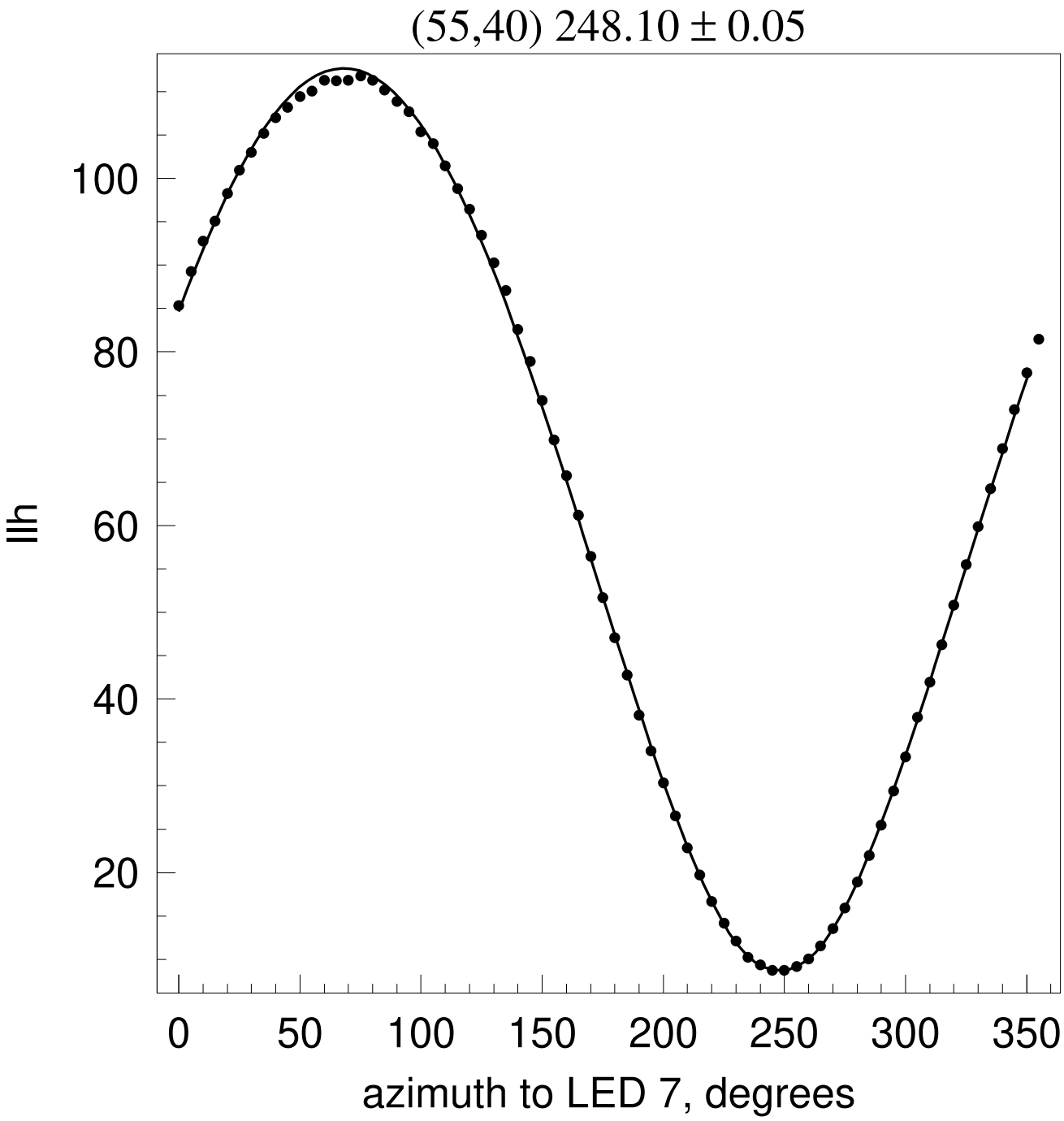

(55,35) 357.80 ± 9.25
llh
9.2
9
8.8
8.6
8.4
8.2
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

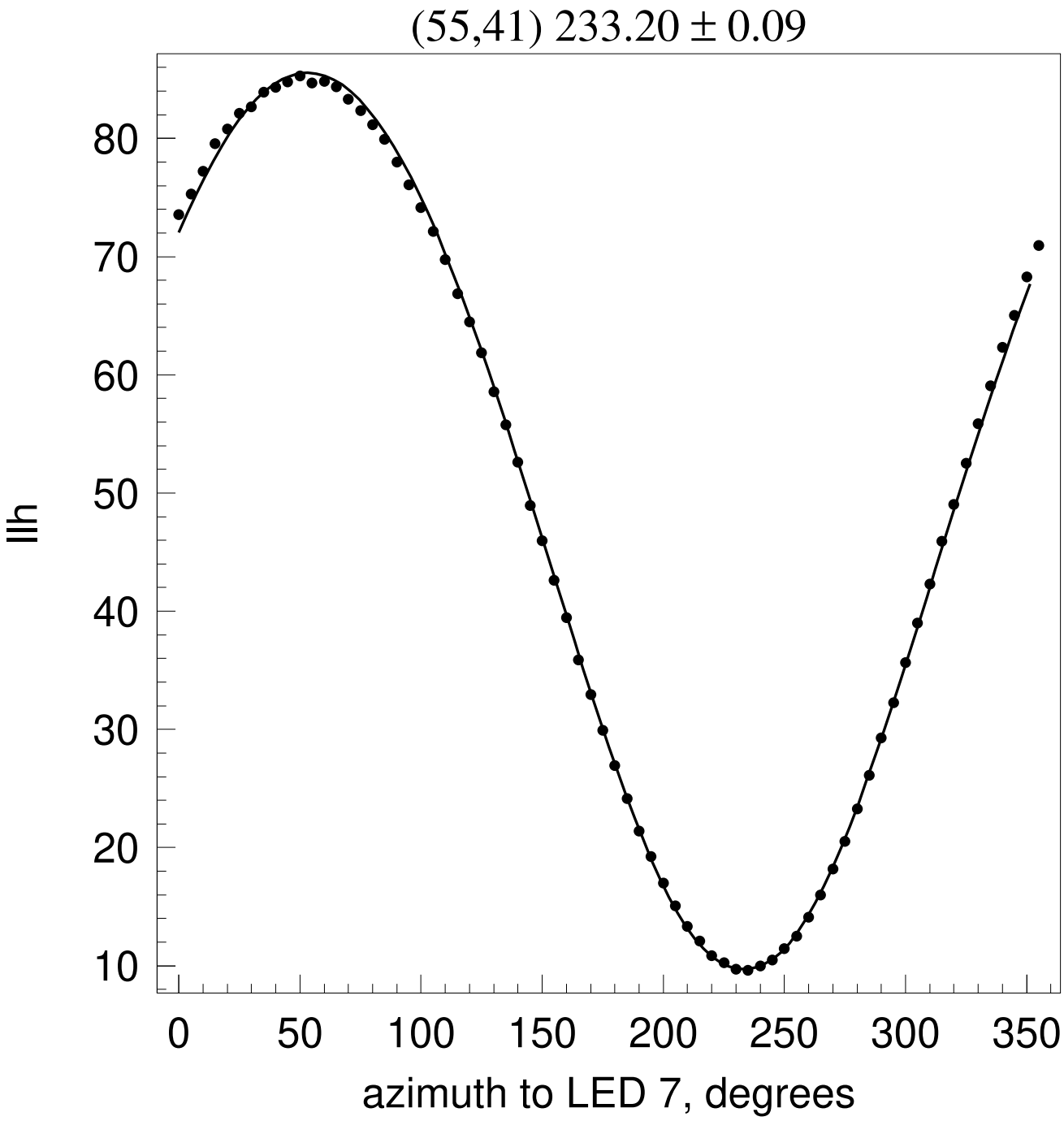

(55,36) 249.65 ± 22.15
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

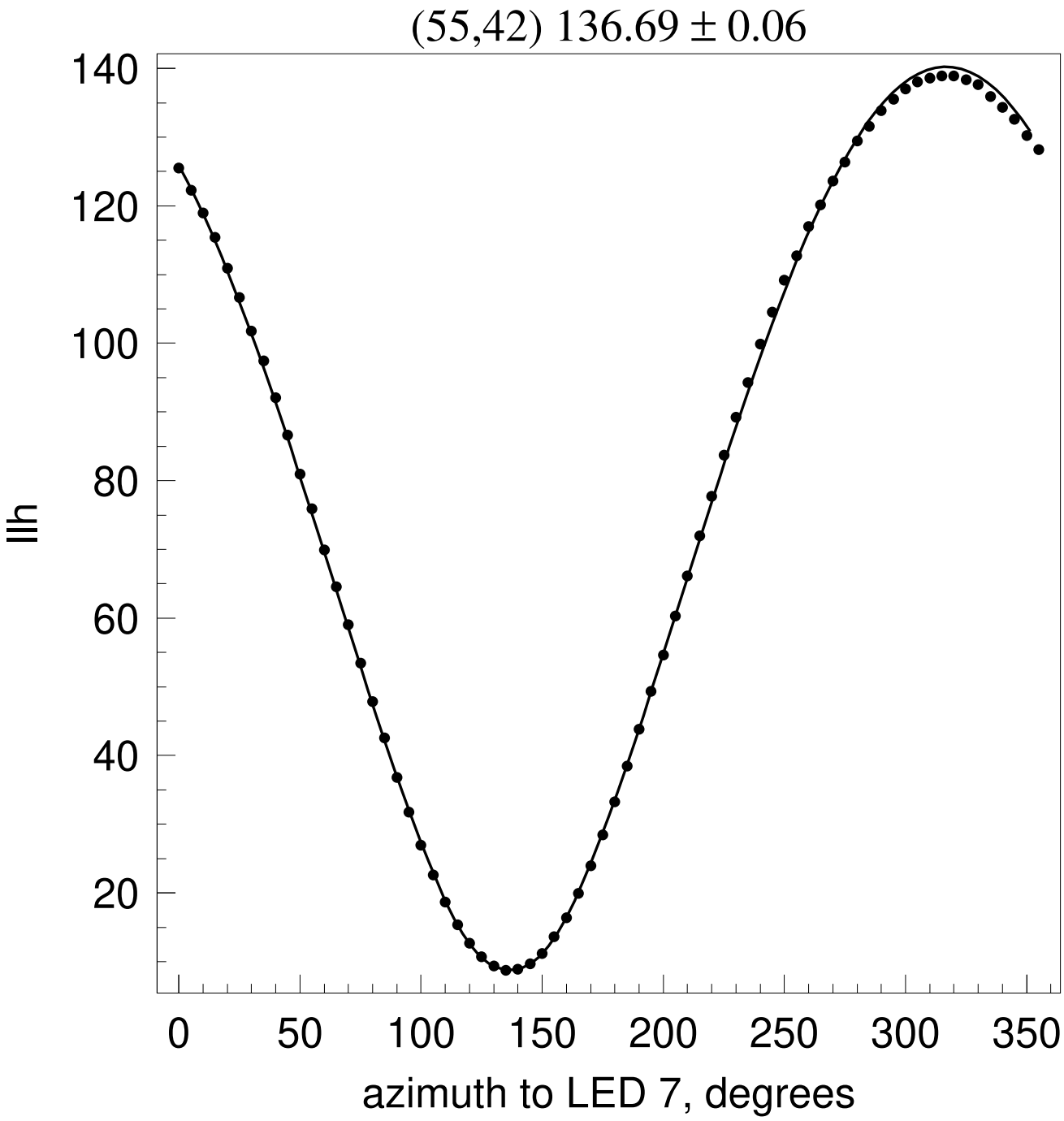

(55,37) 197.27 ± 2.27
7.8
7.6
7.4
7.2
7
6.8
6.6
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

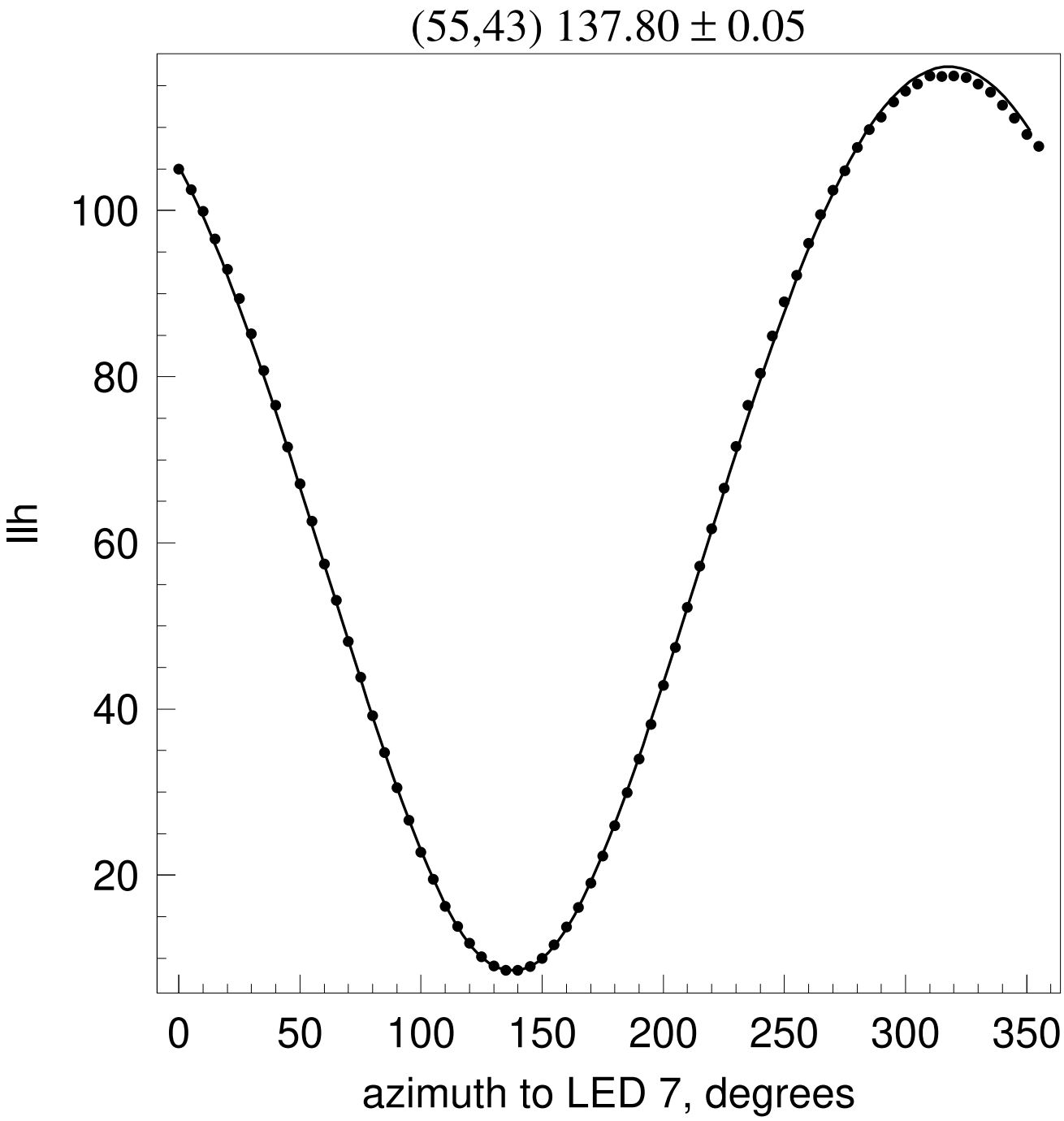

(55,38) 91.53 ± 0.25
17
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

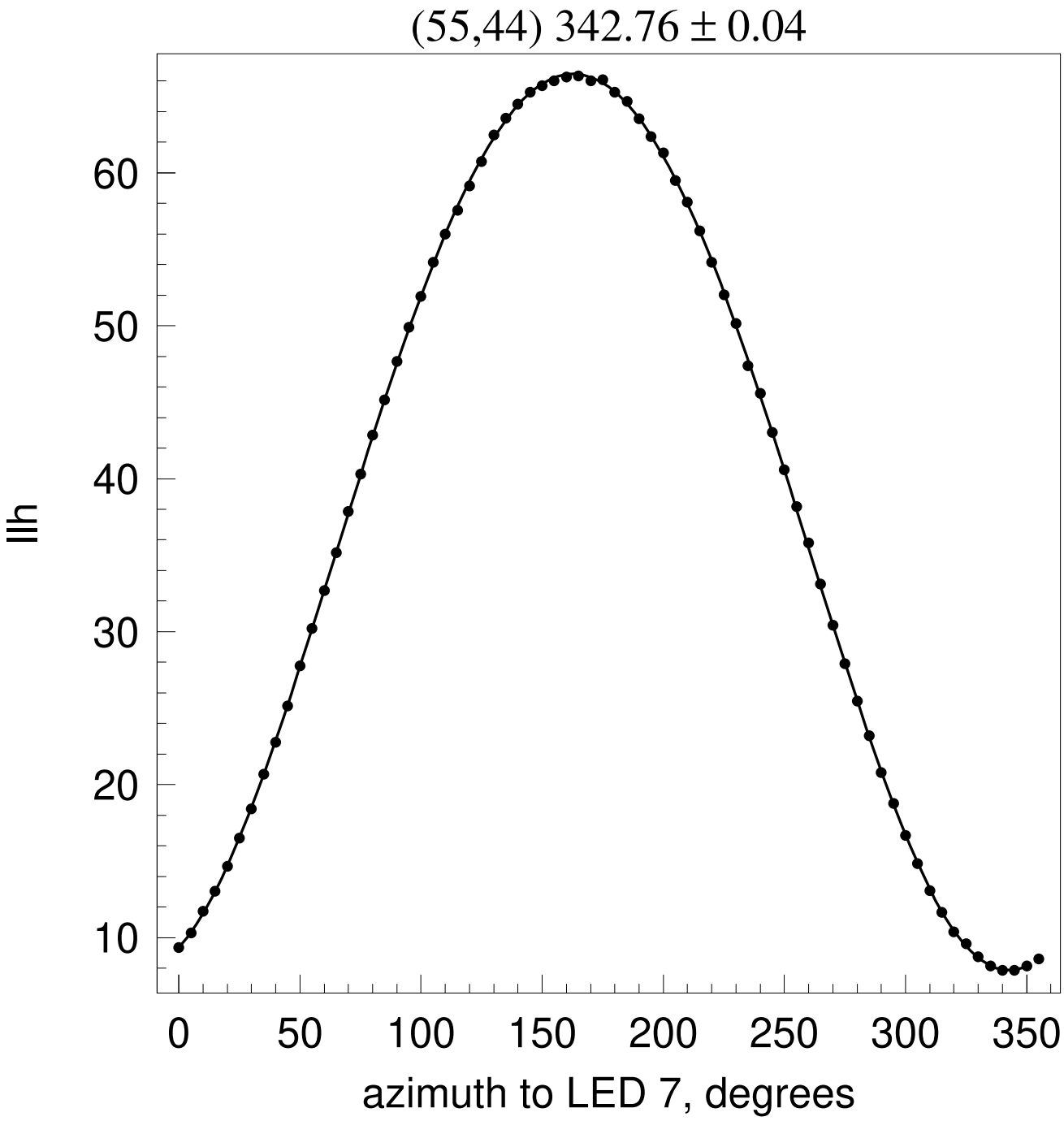

(55,39) 85.51 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

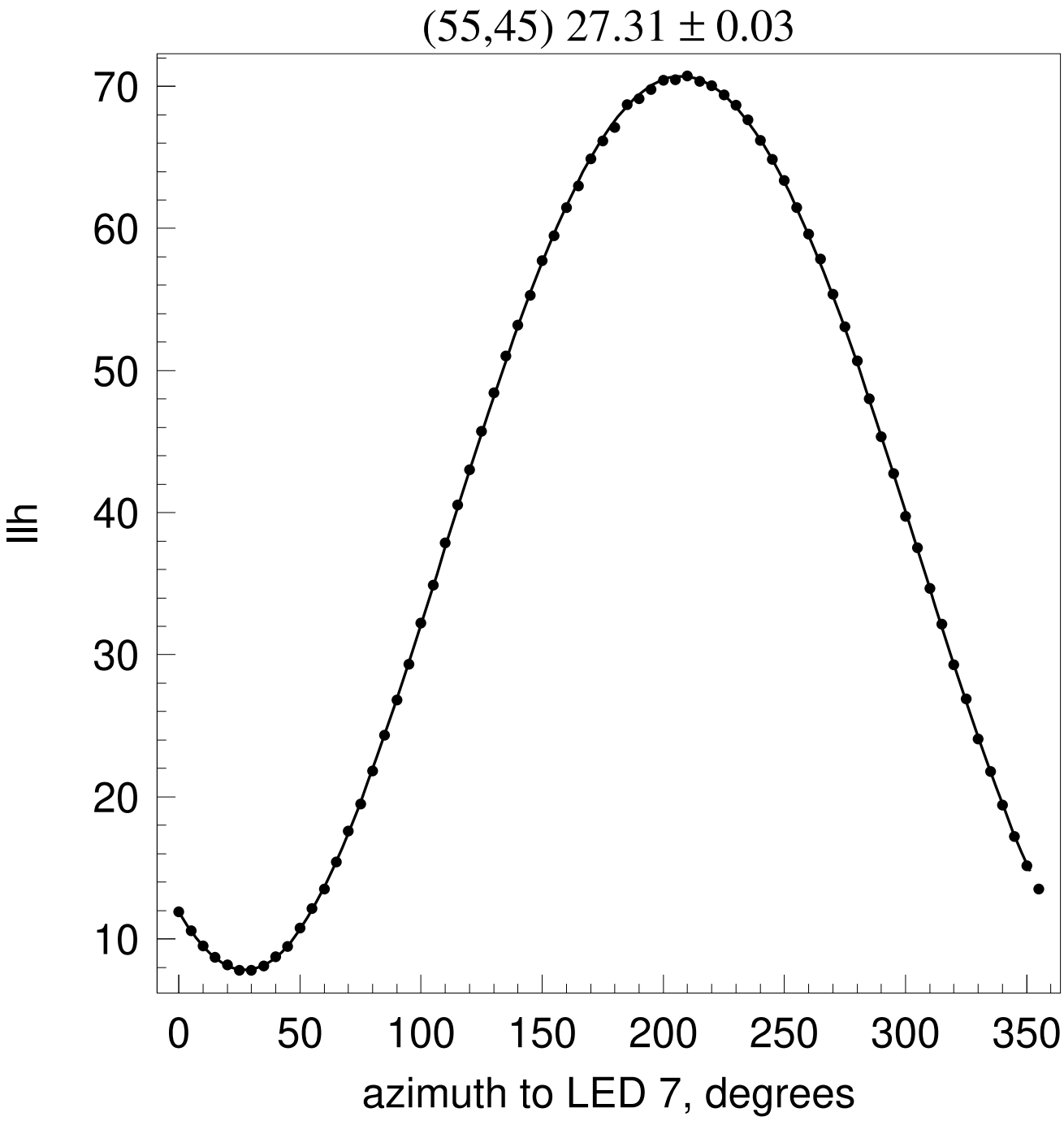

(55,40) 248.10 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

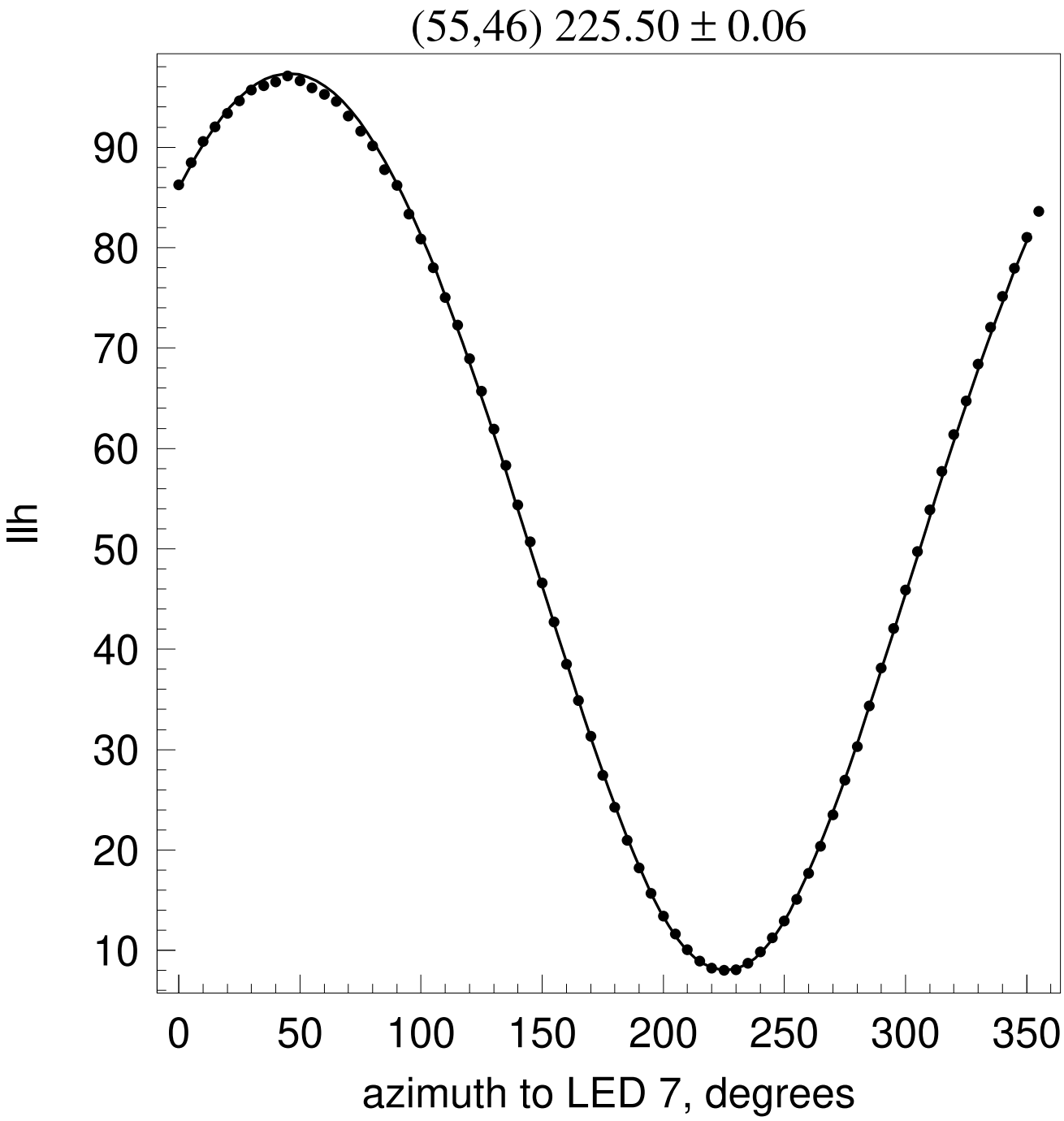

(55,41) 233.20 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

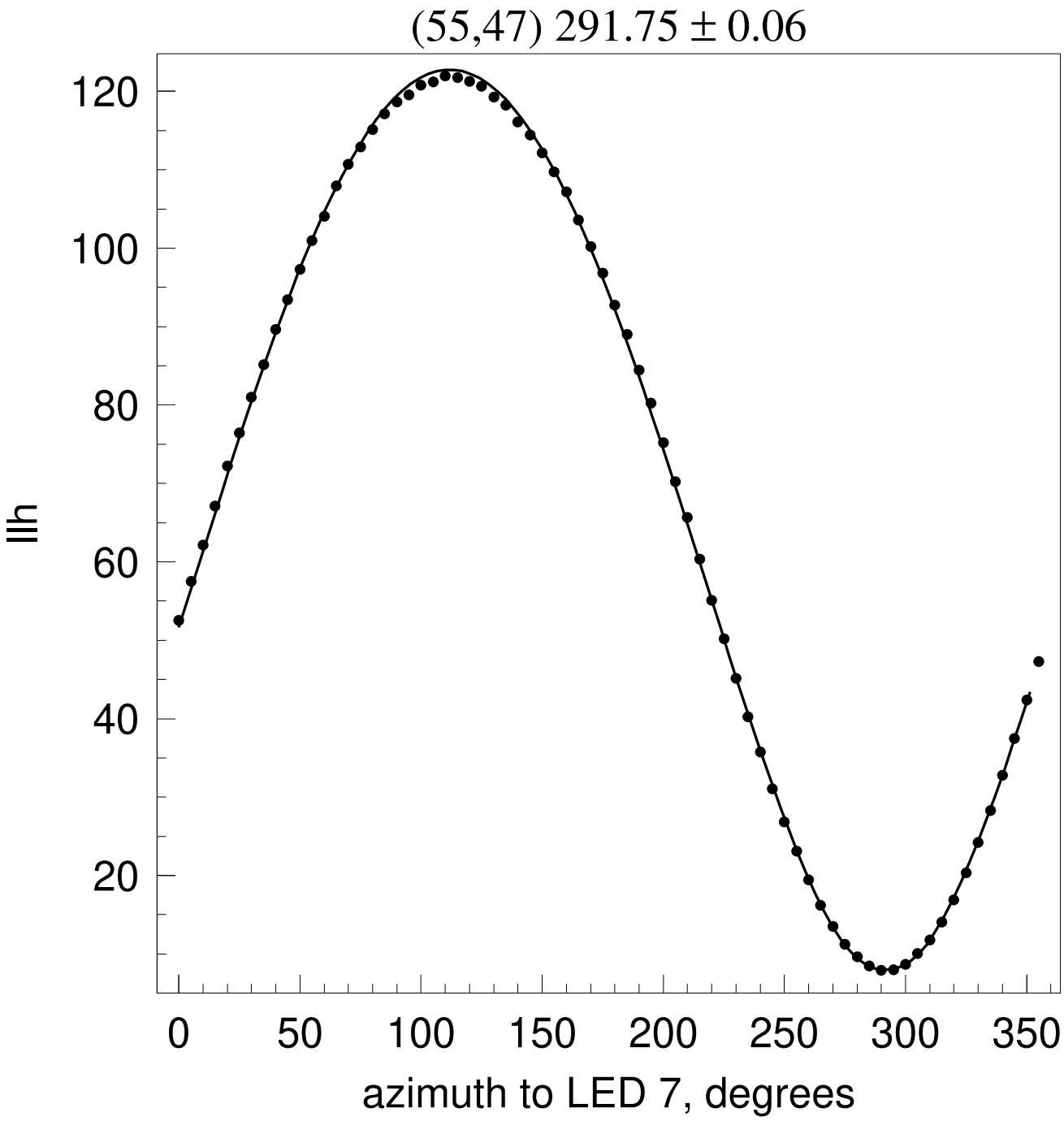

(55,42) 136.69 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

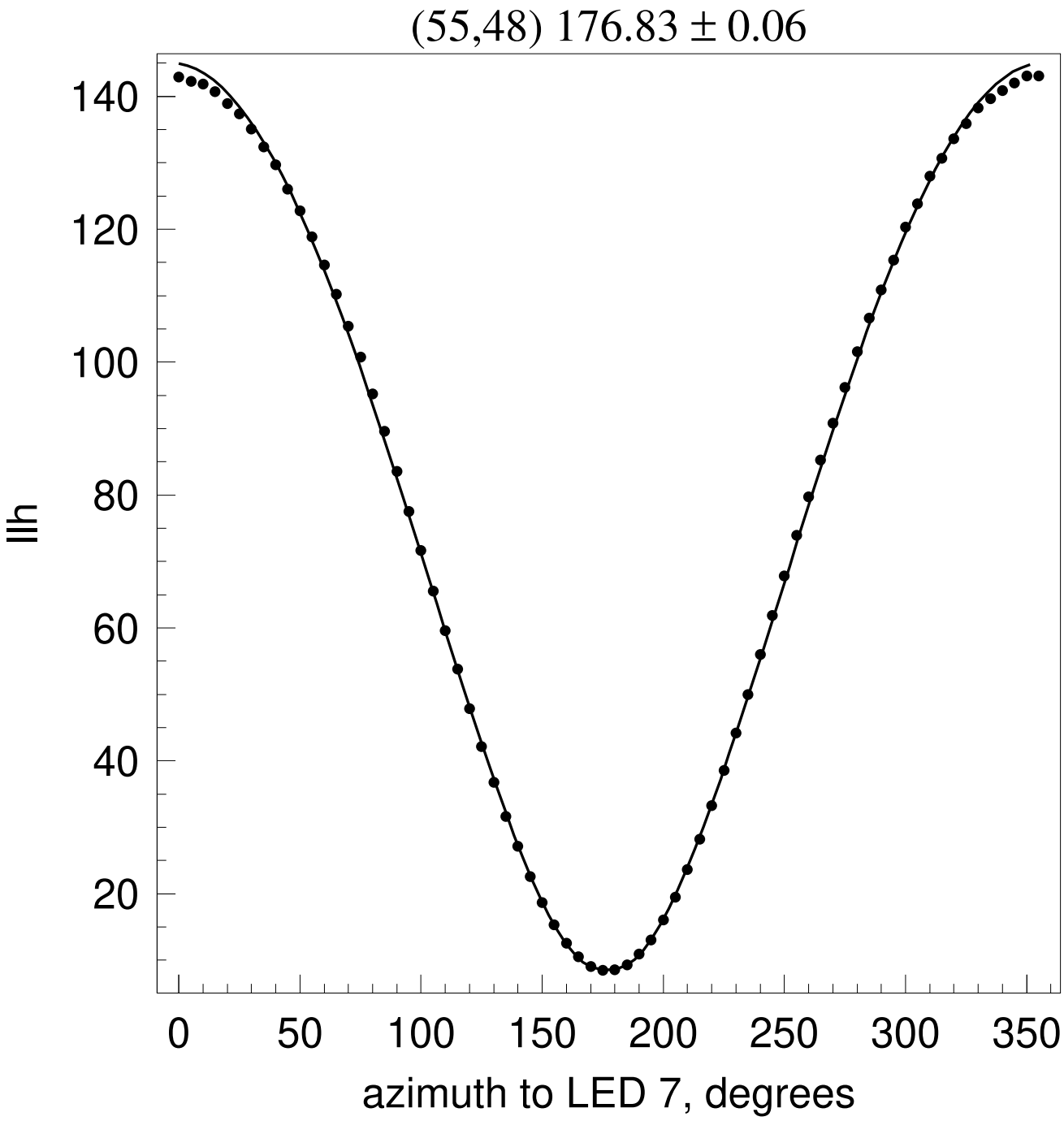

(55,43) 137.80 ± 0.05
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

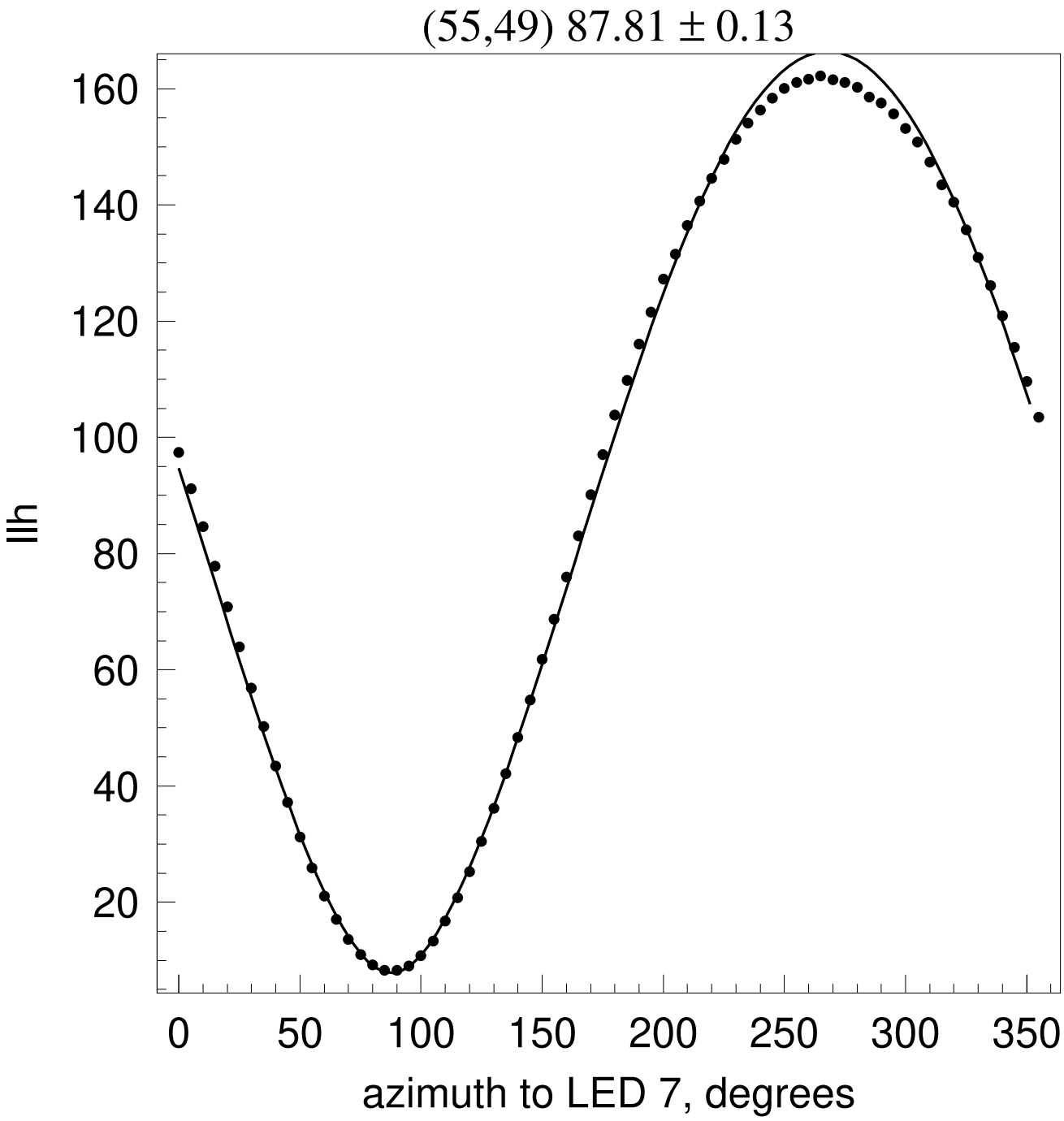

(55,44) 342.76 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

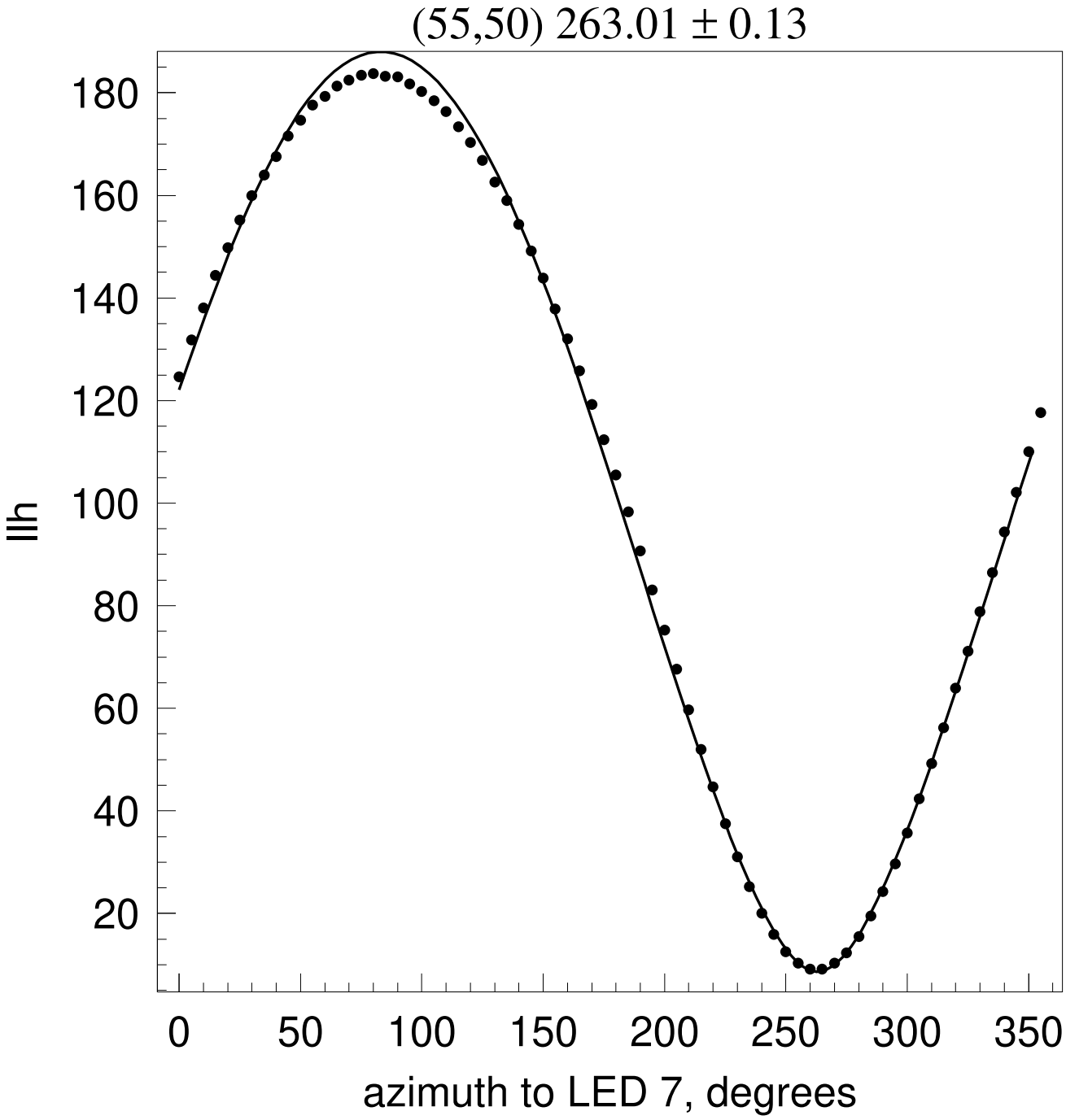

(55,45) 27.31 ± 0.03
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

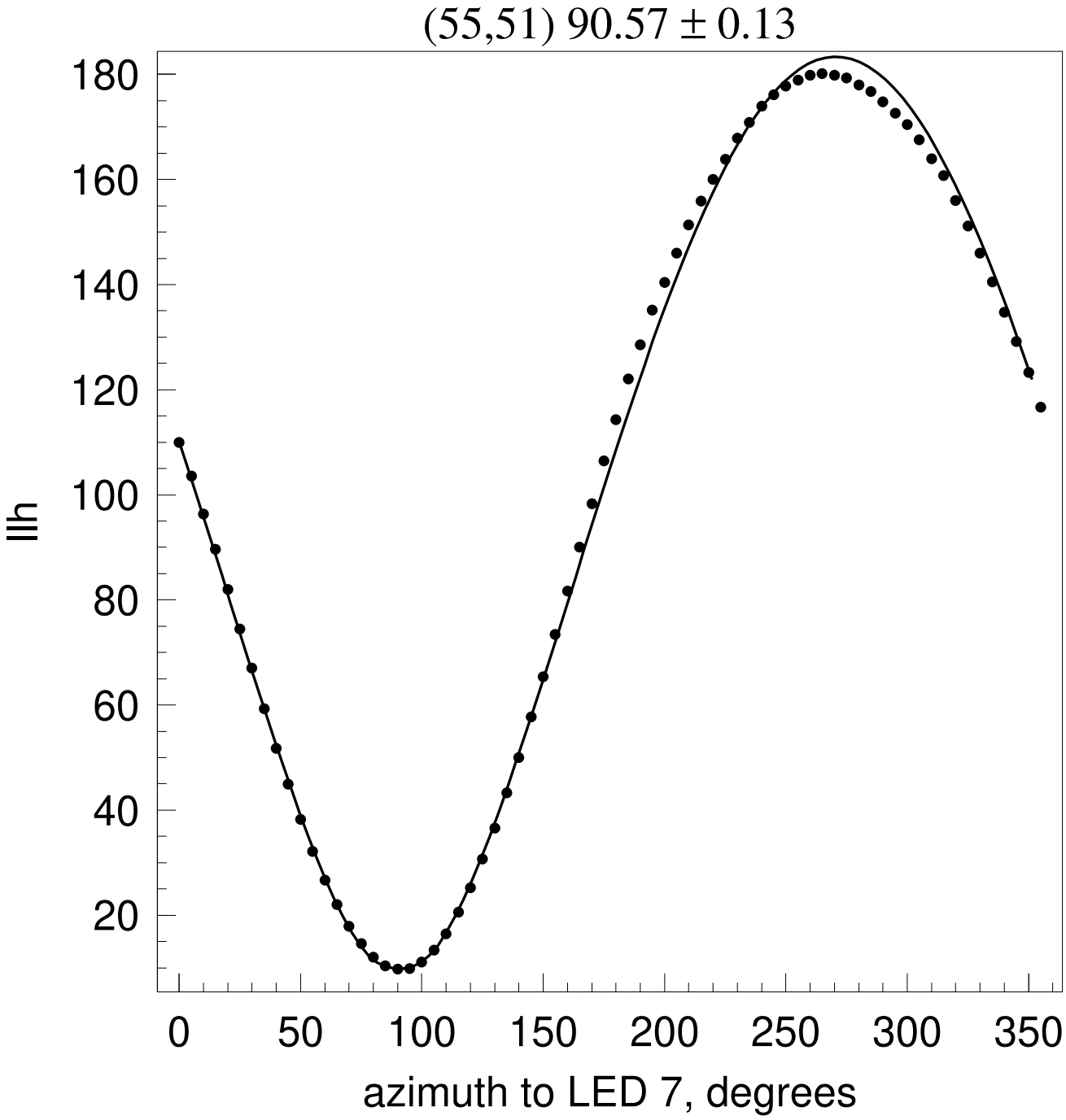

(55,46) 225.50 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

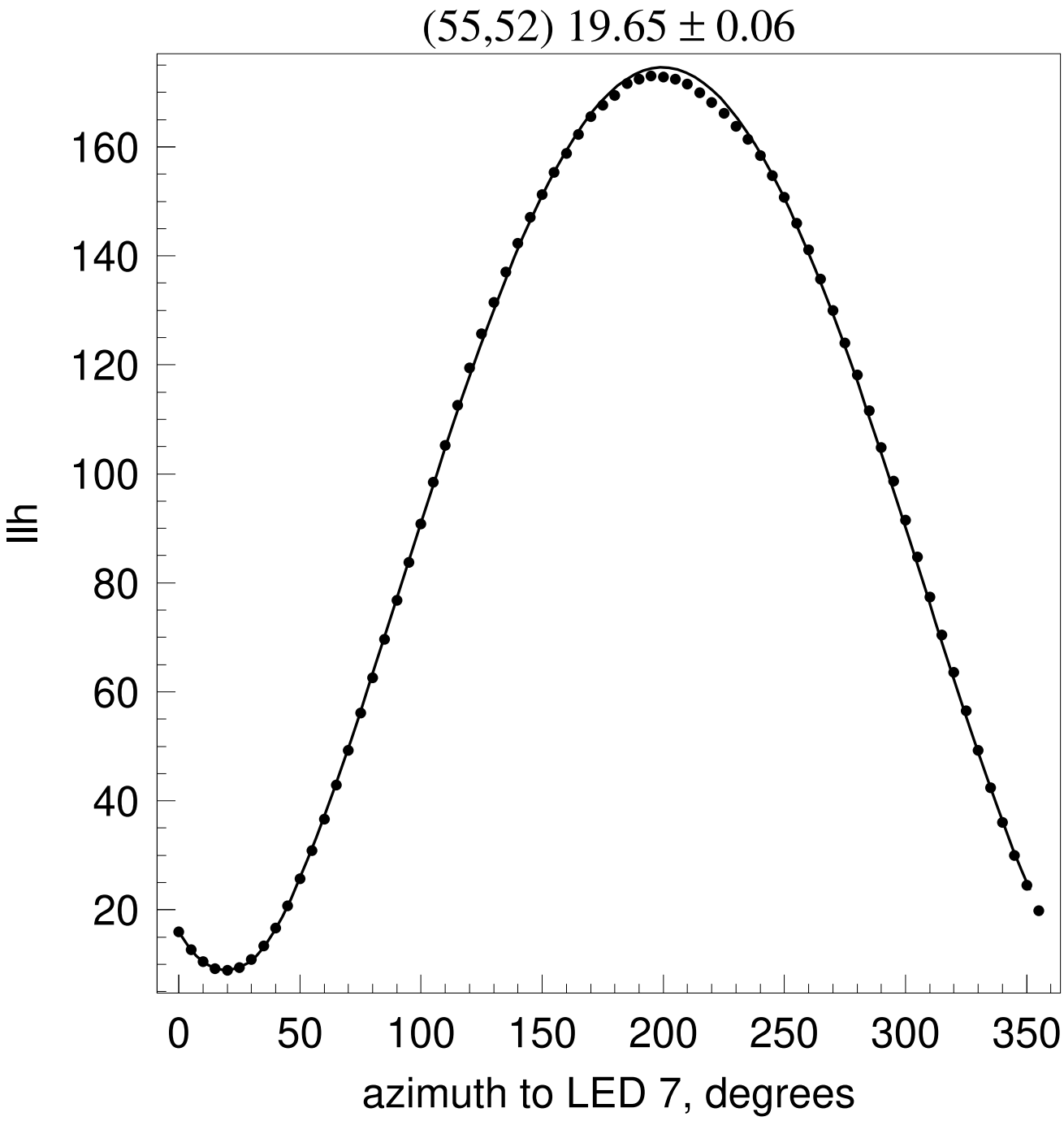

(55,47) 291.75 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

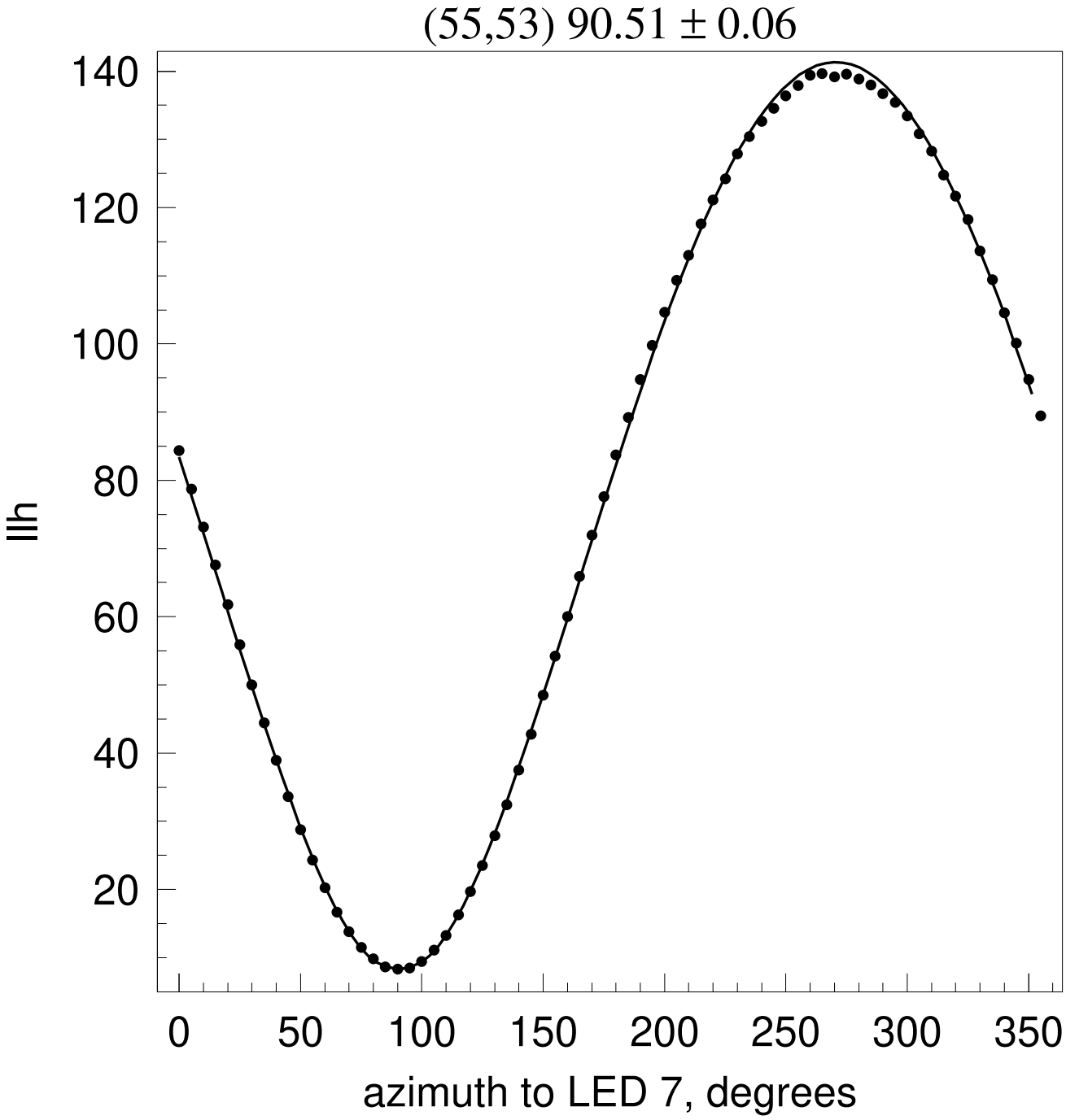

(55,48) 176.83 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

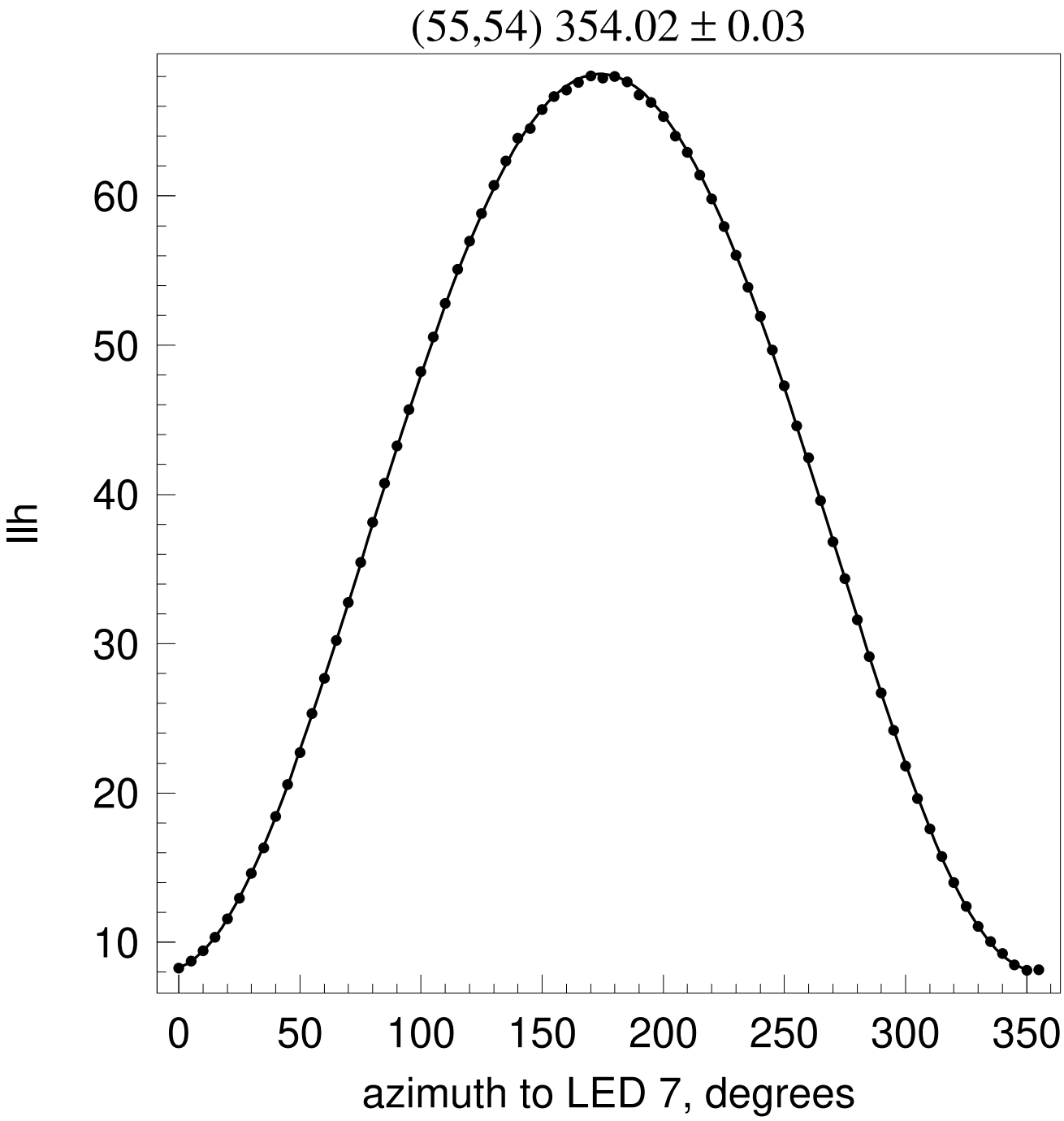

(55,49) 87.81 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

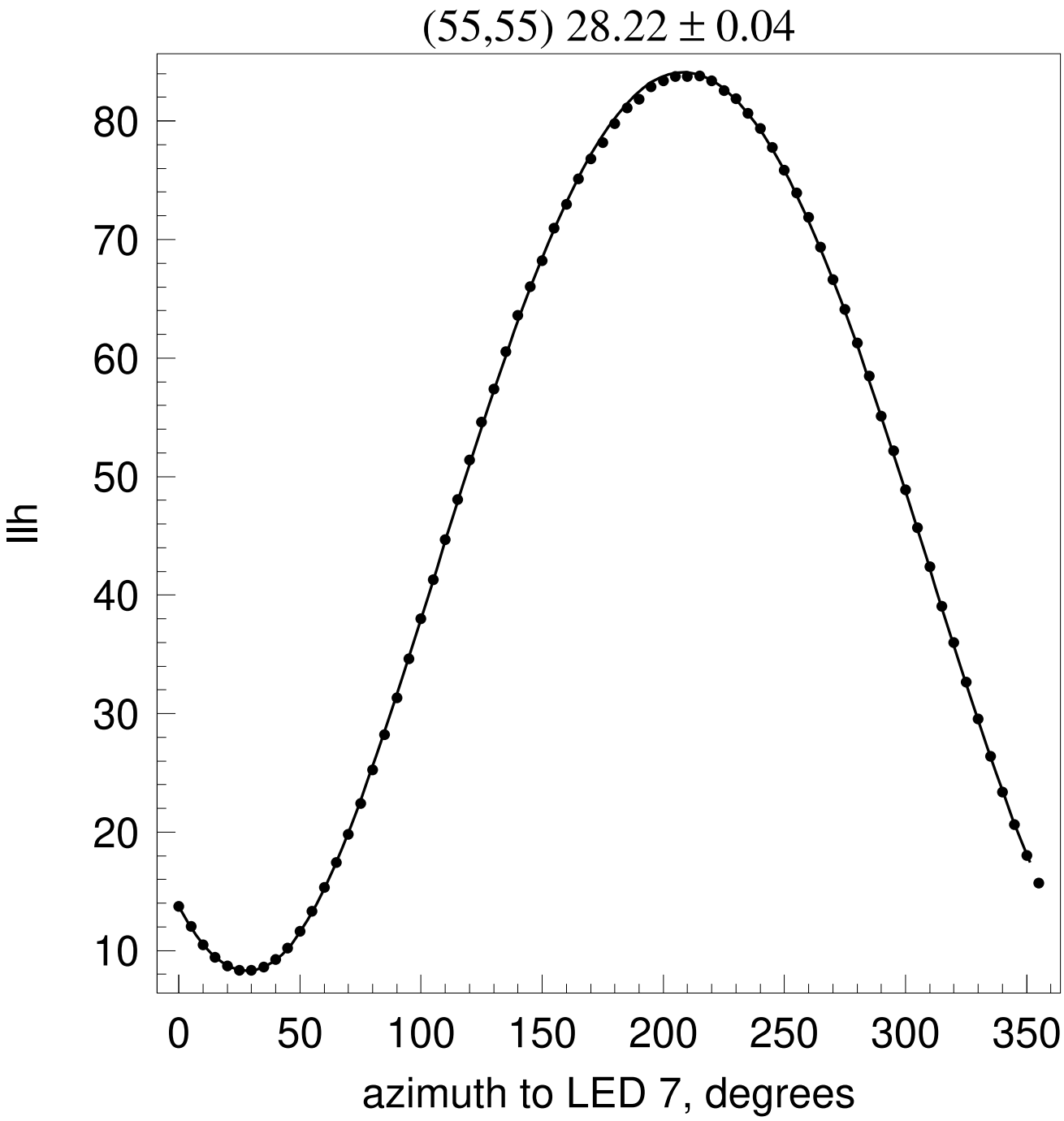

(55,50) 263.01 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

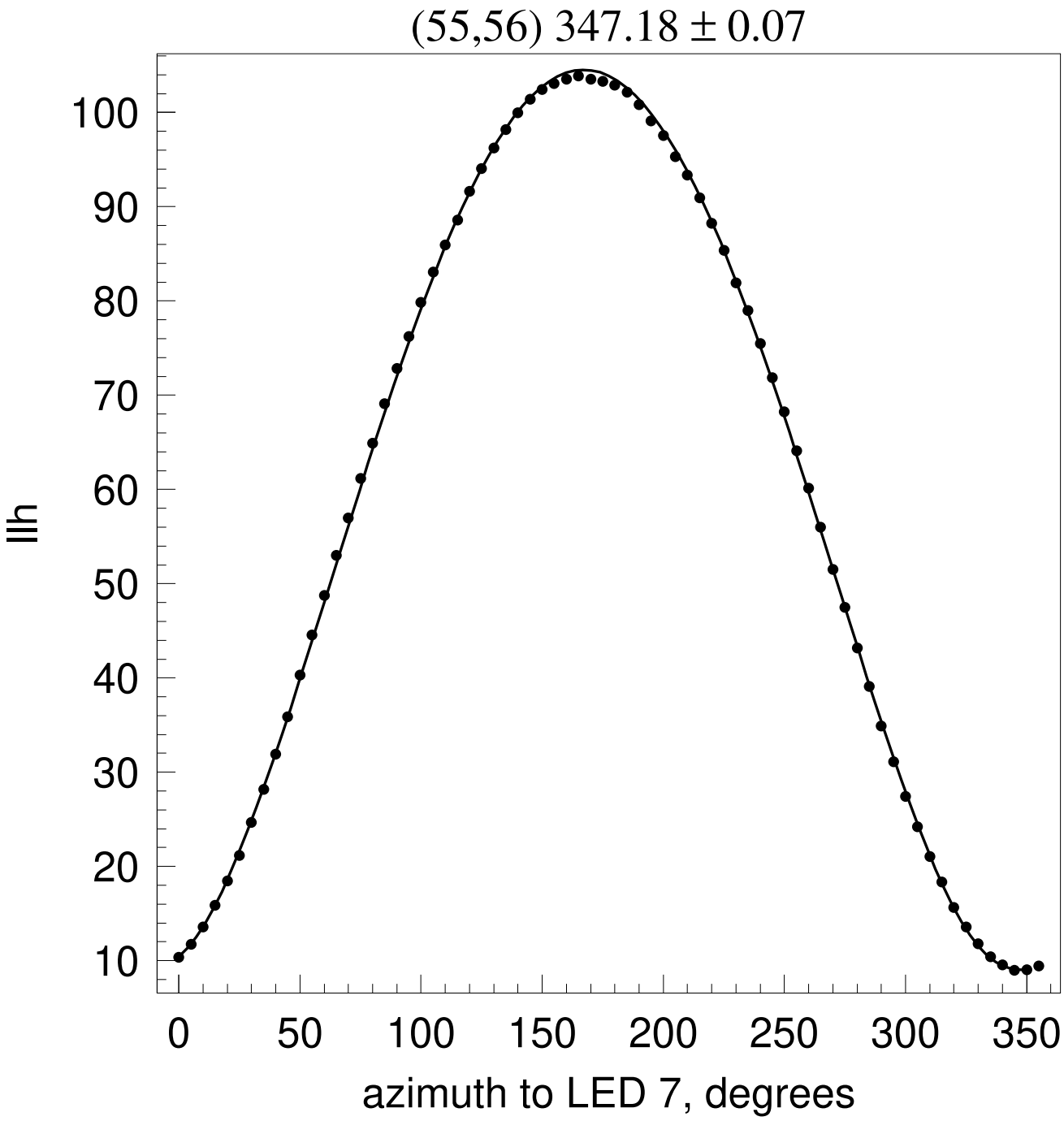

(55,51) 90.57 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

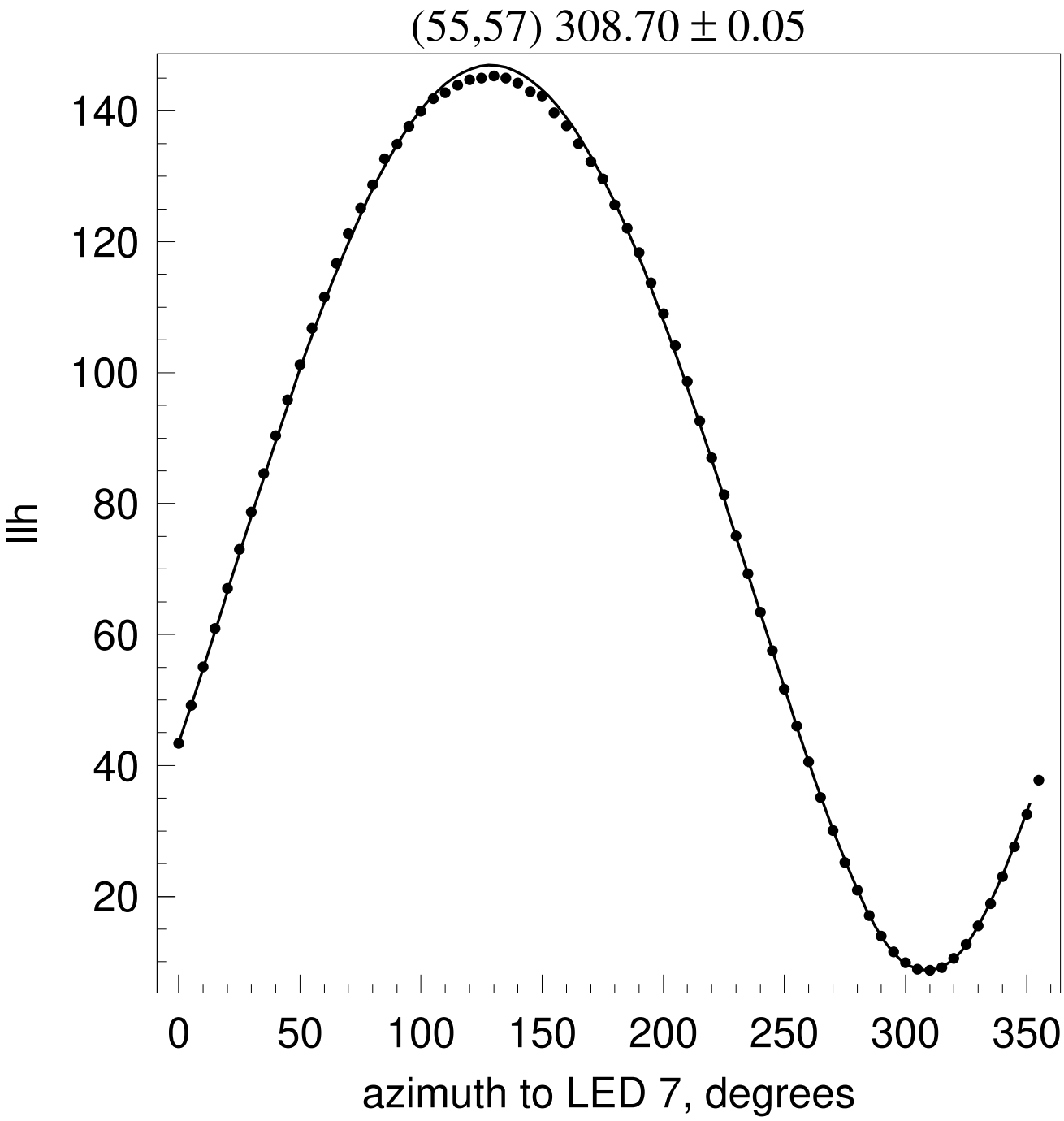

(55,52) 19.65 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

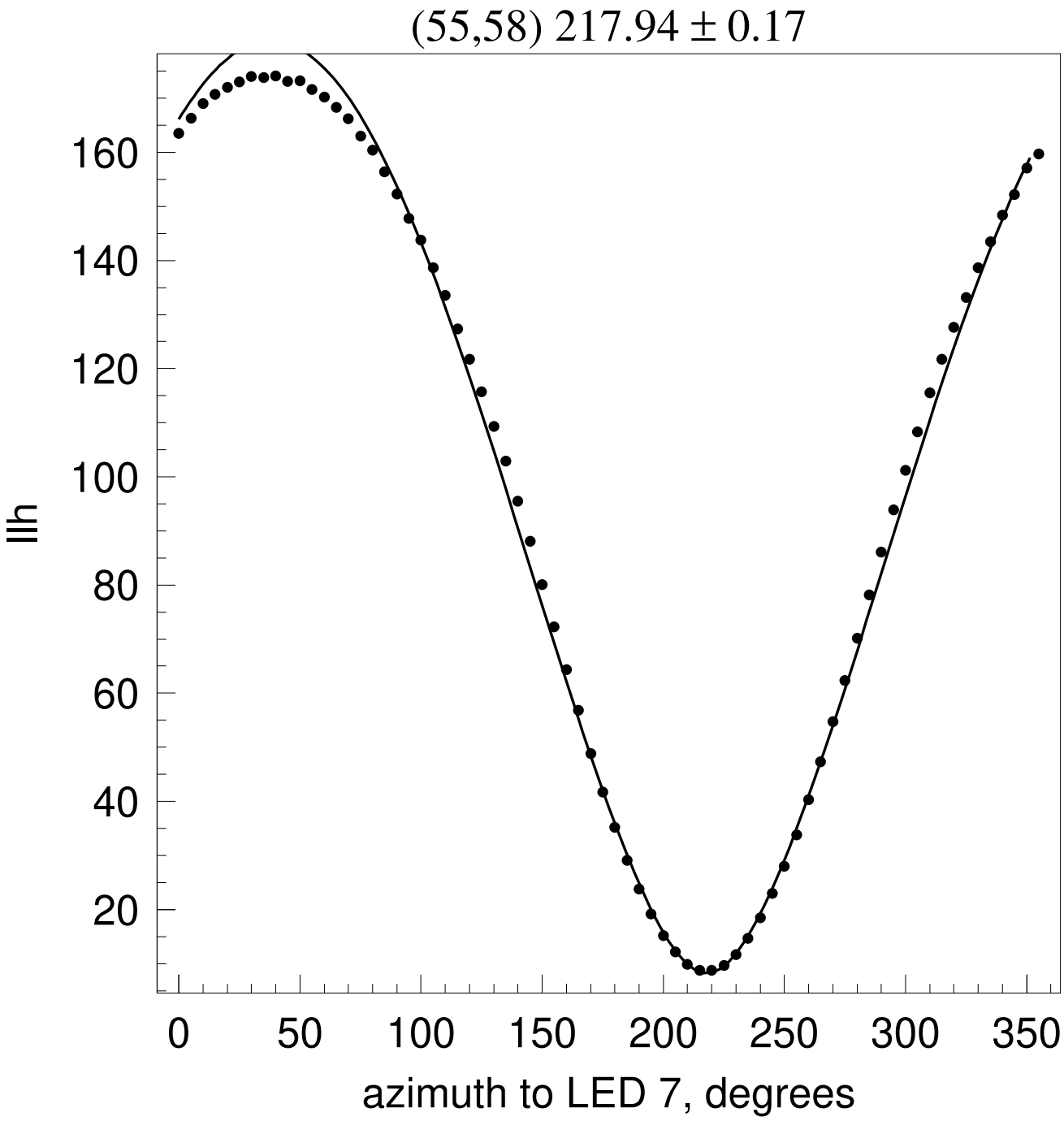

(55,53) 90.51 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

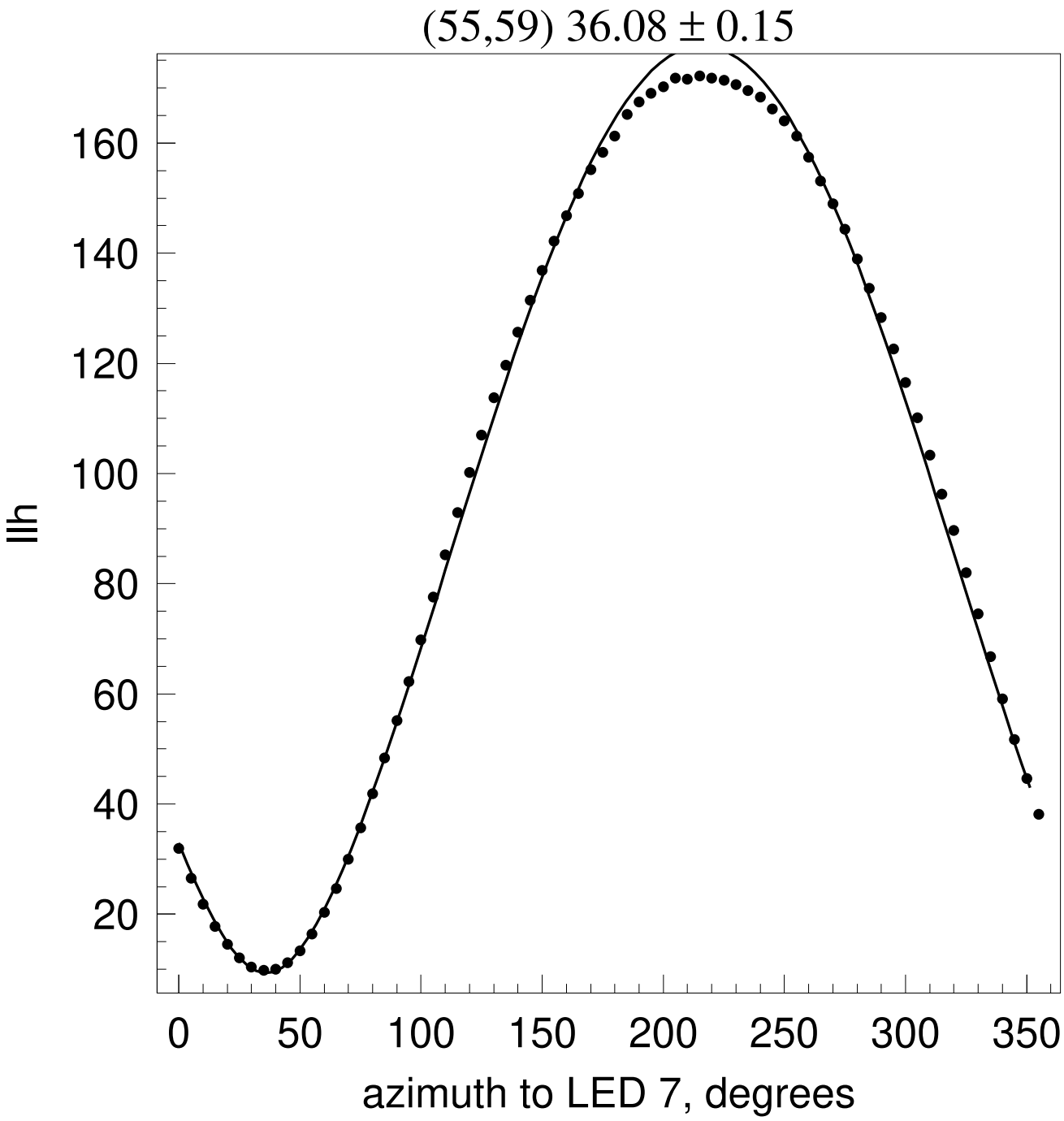

(55,54) 354.02 ± 0.03
llh
10
20
30
40
50
60
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

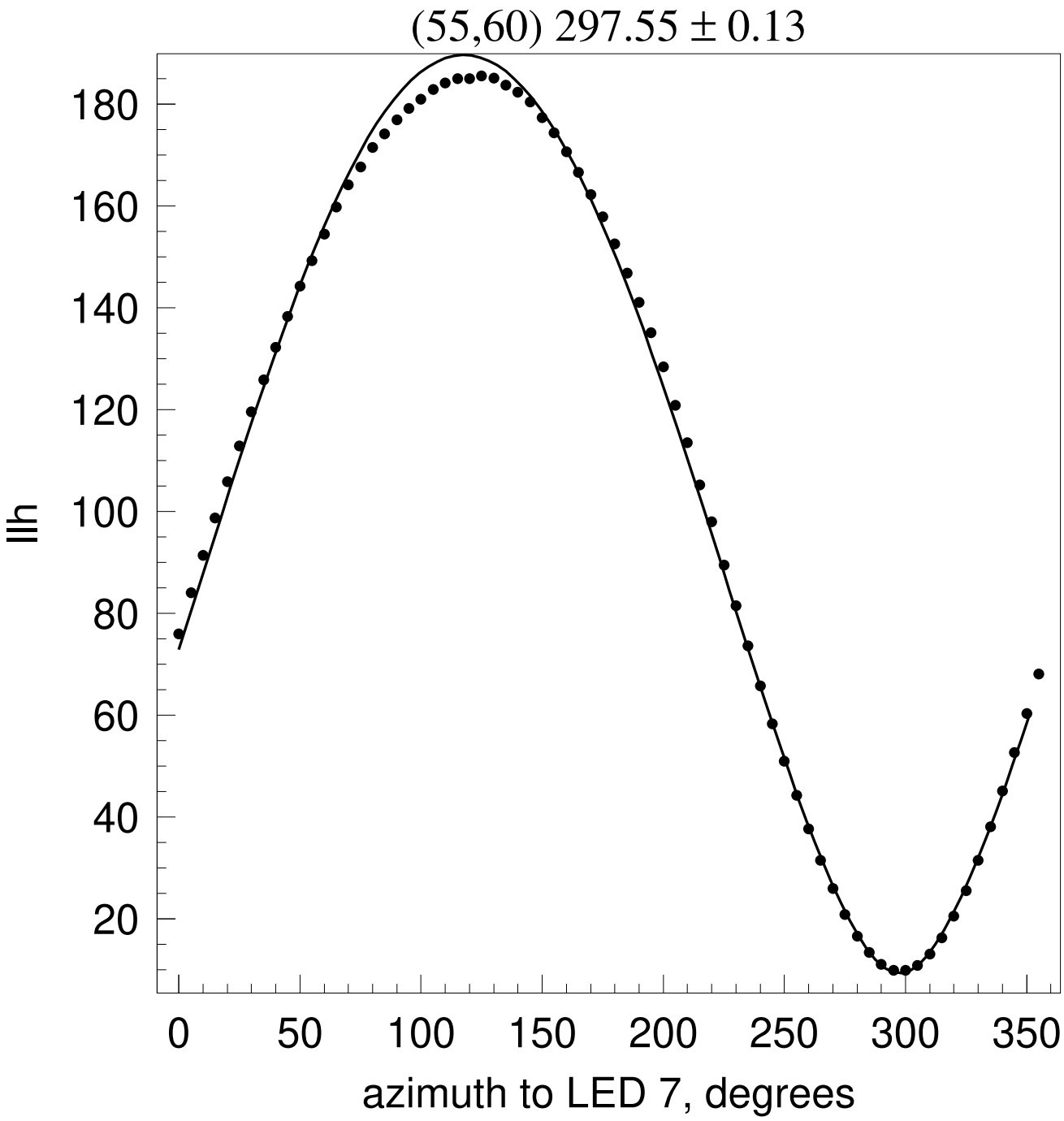

(55,55) 28.22 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

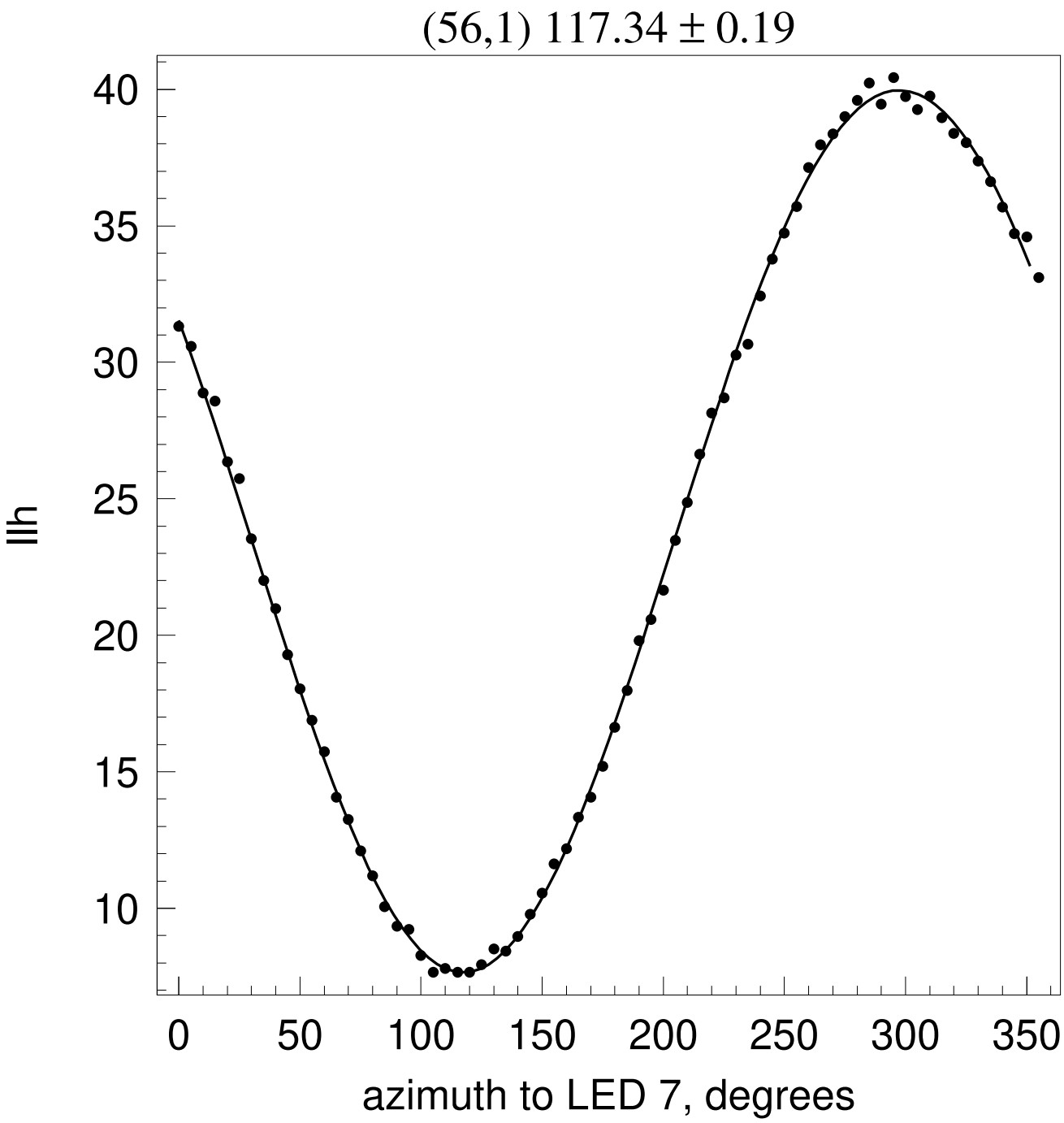

(55,56) 347.18 ± 0.07
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

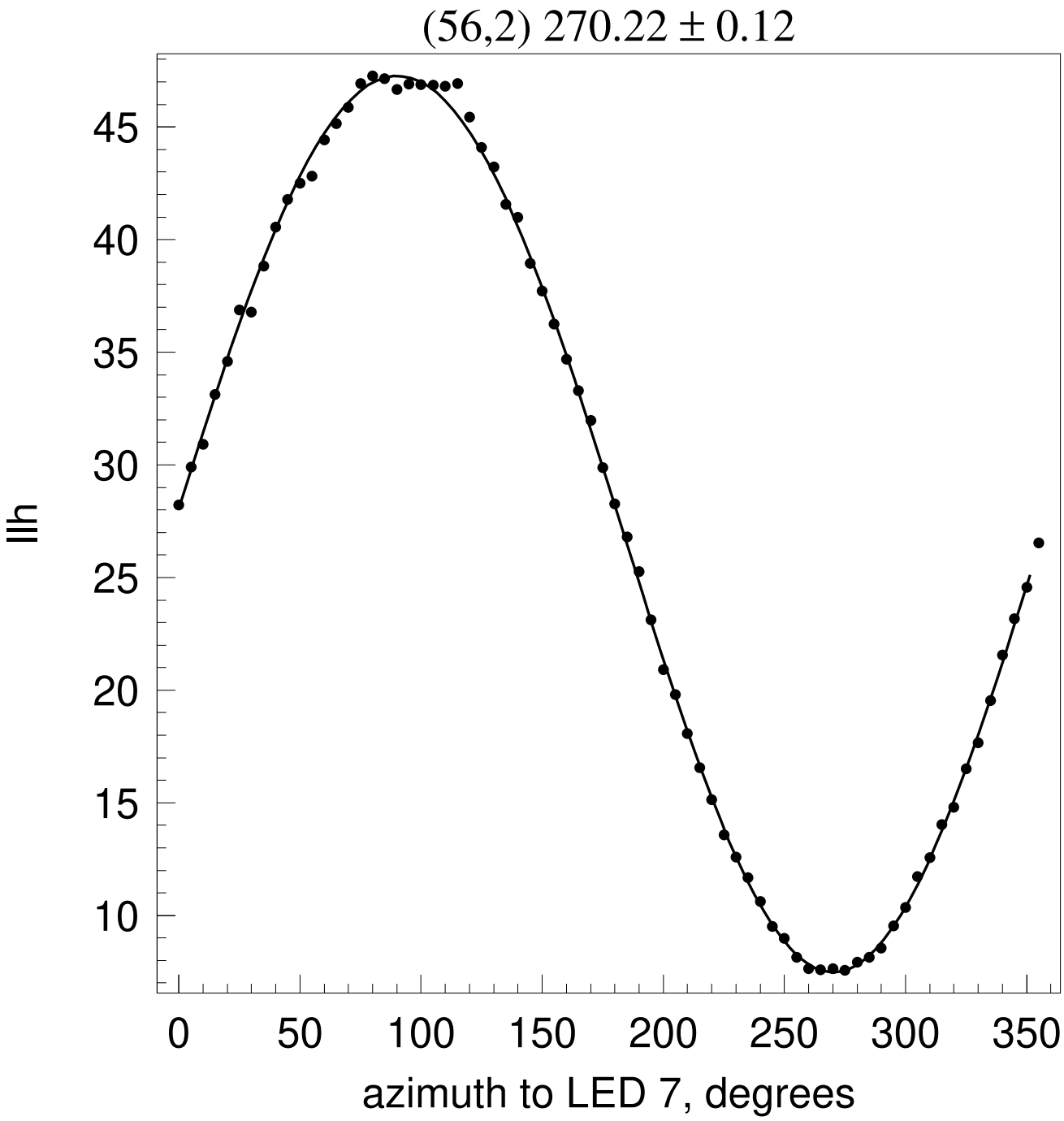

(55,57) 308.70 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

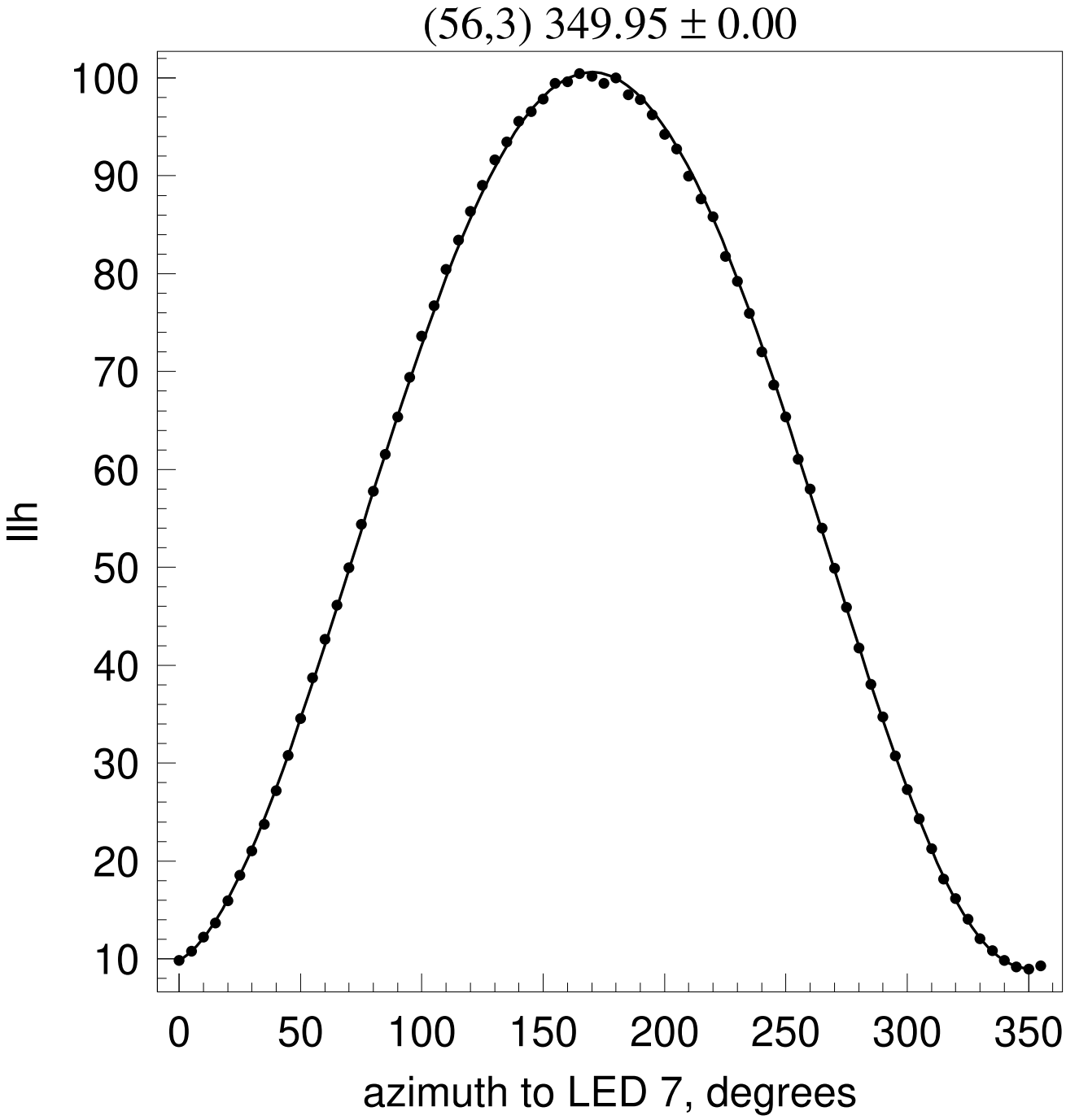

(55,58) 217.94 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

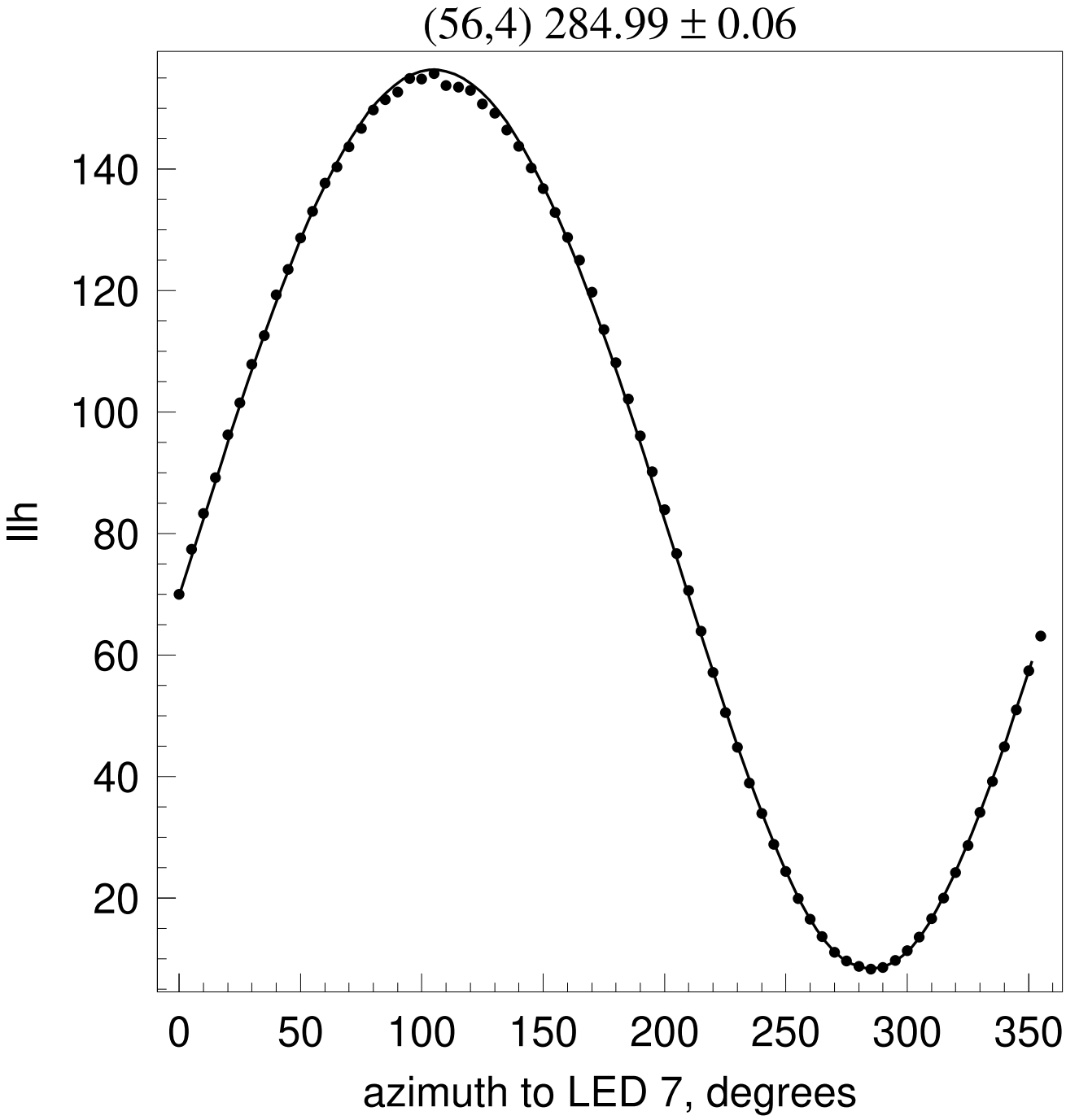

(55,59) 36.08 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

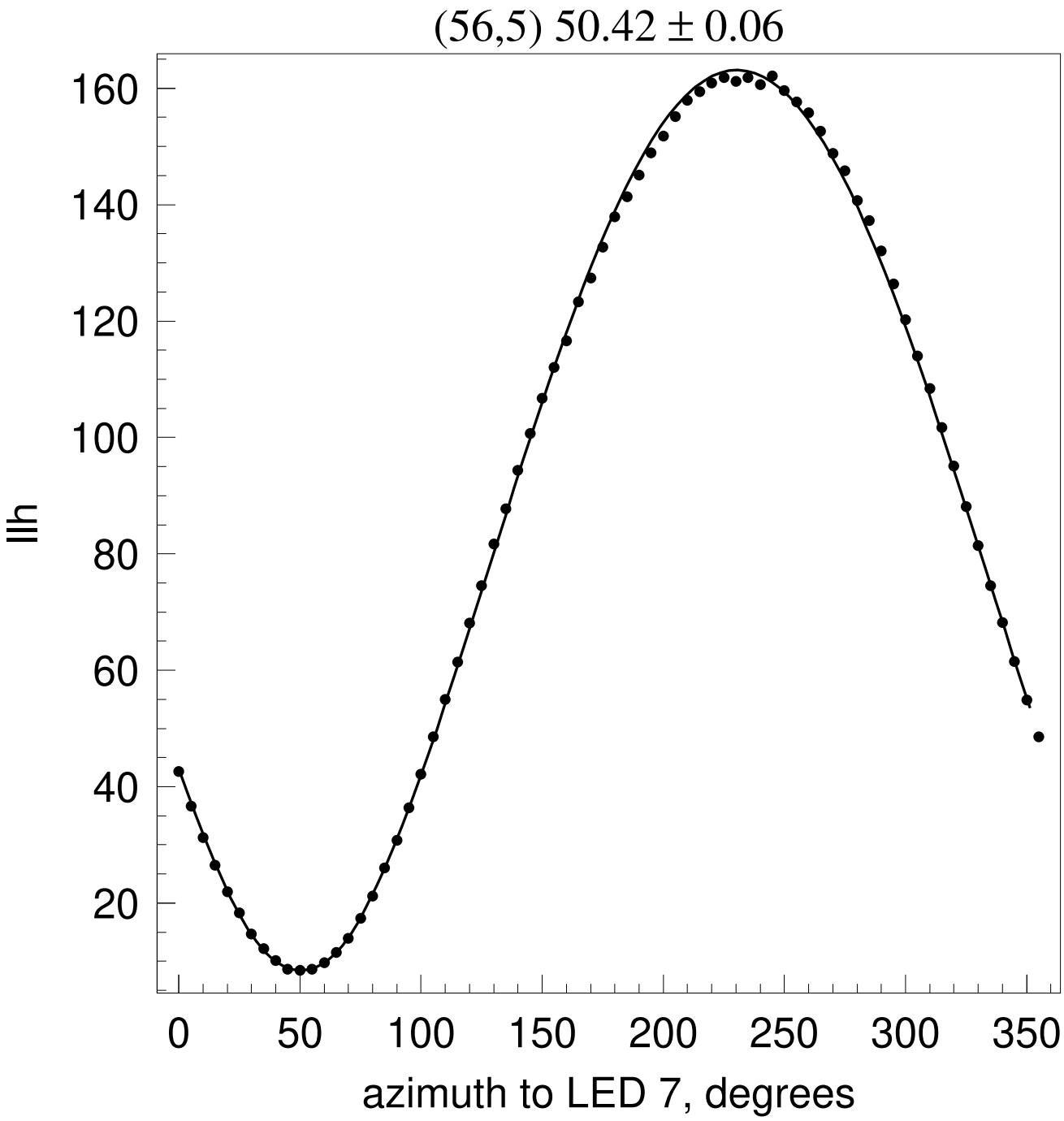

(55,60) 297.55 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

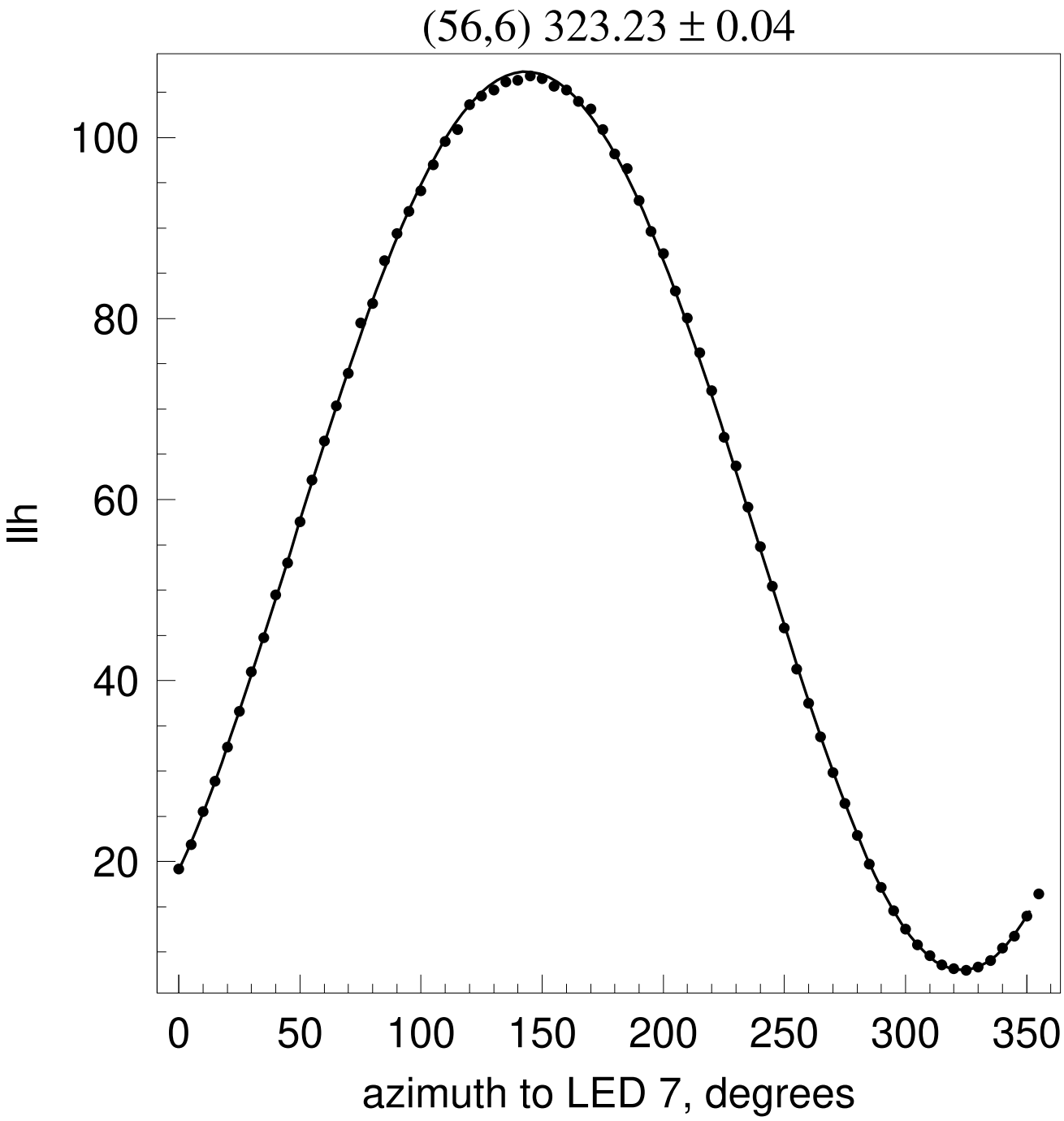

(56,1) 117.34 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

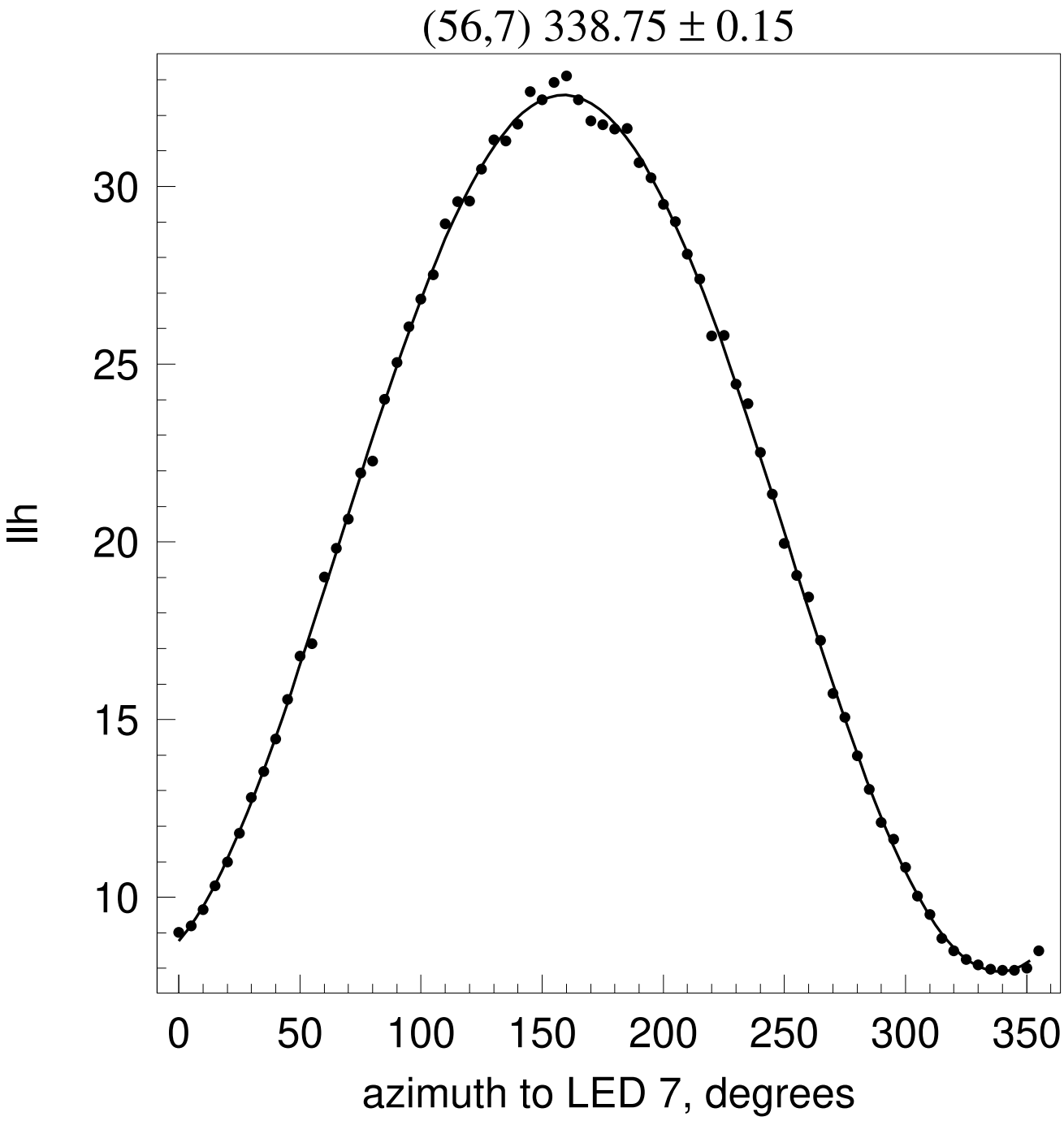

(56,2) 270.22 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

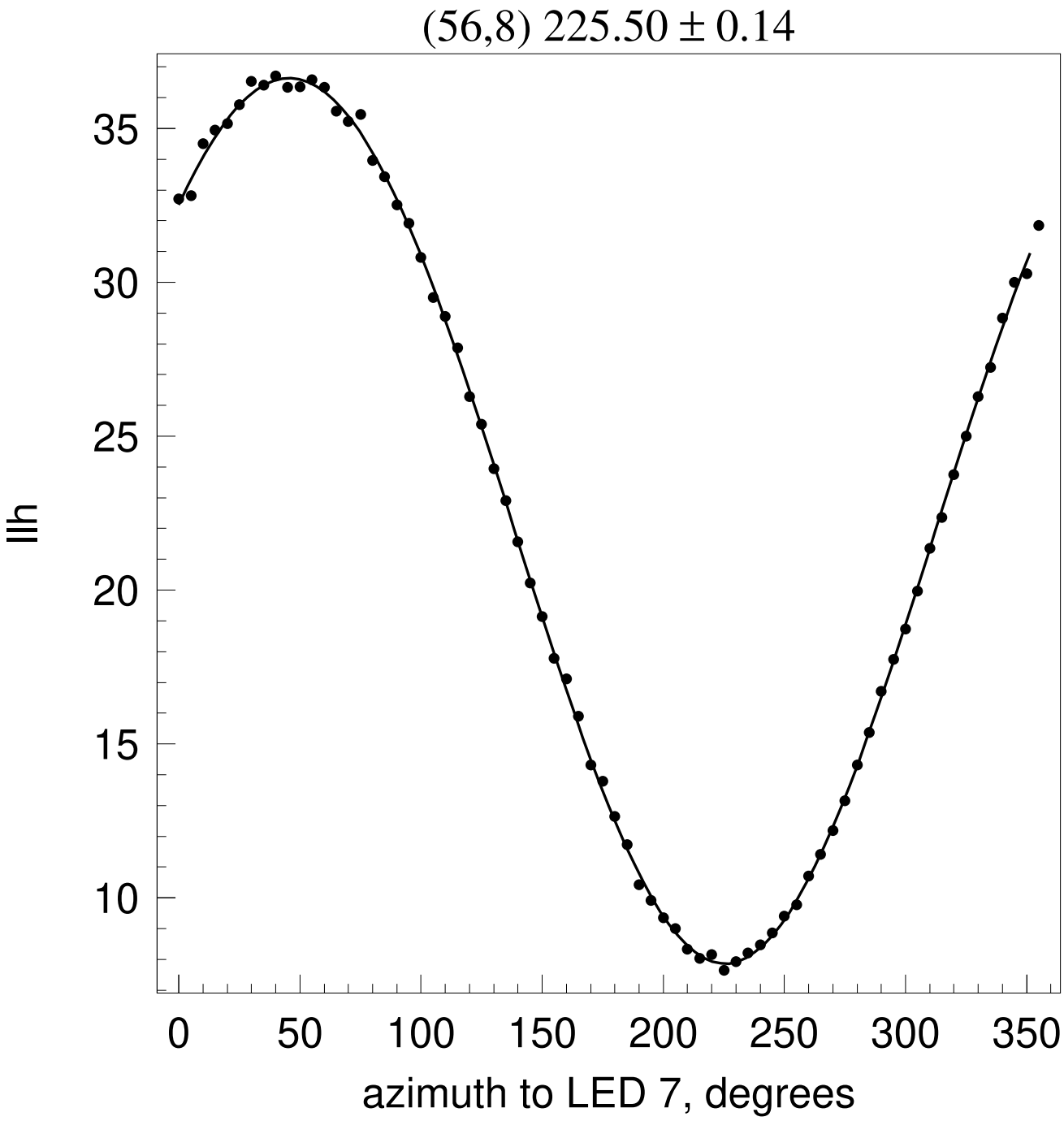

(56,3) 349.95 ± 0.00
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

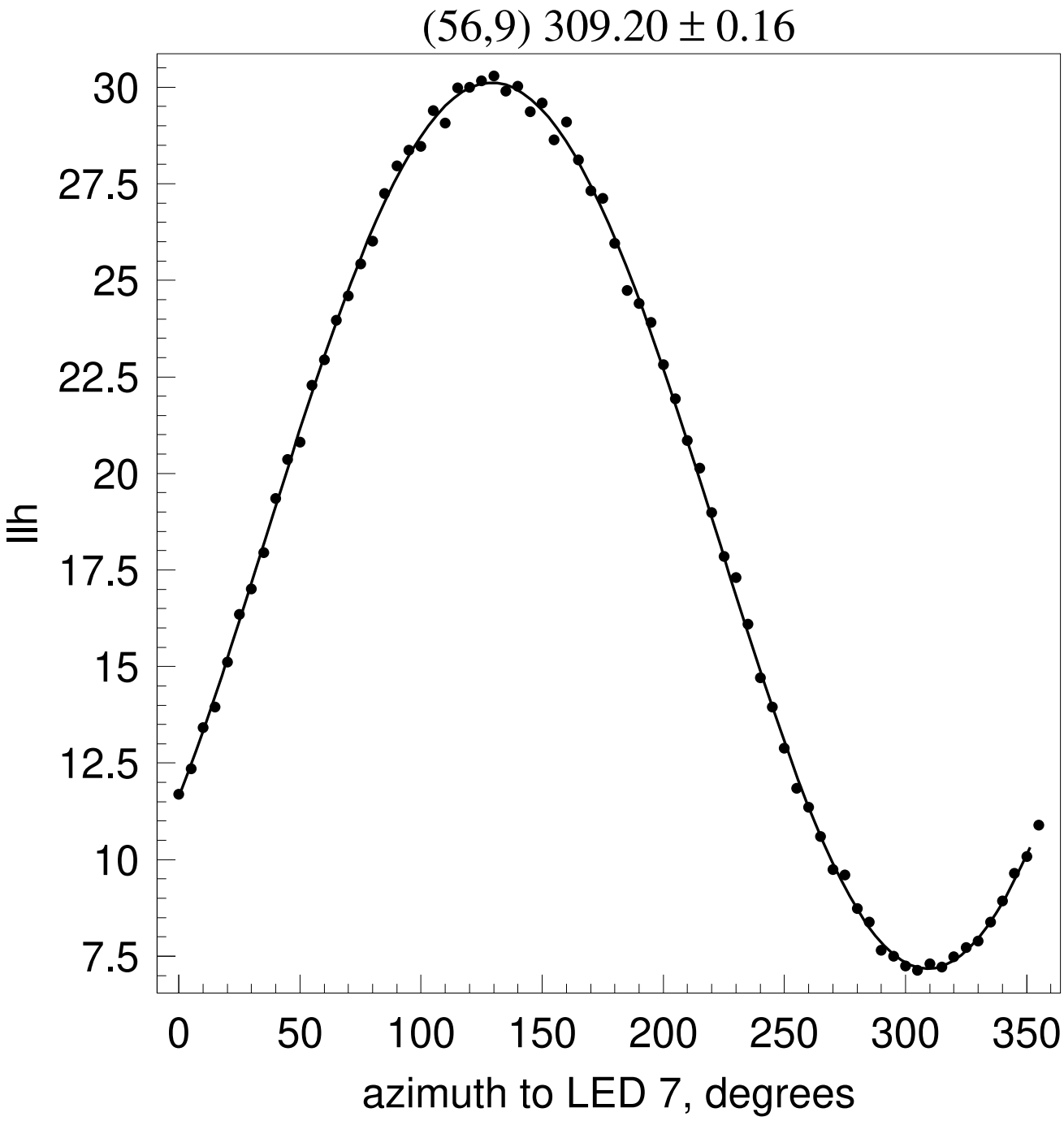

(56,4) 284.99 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

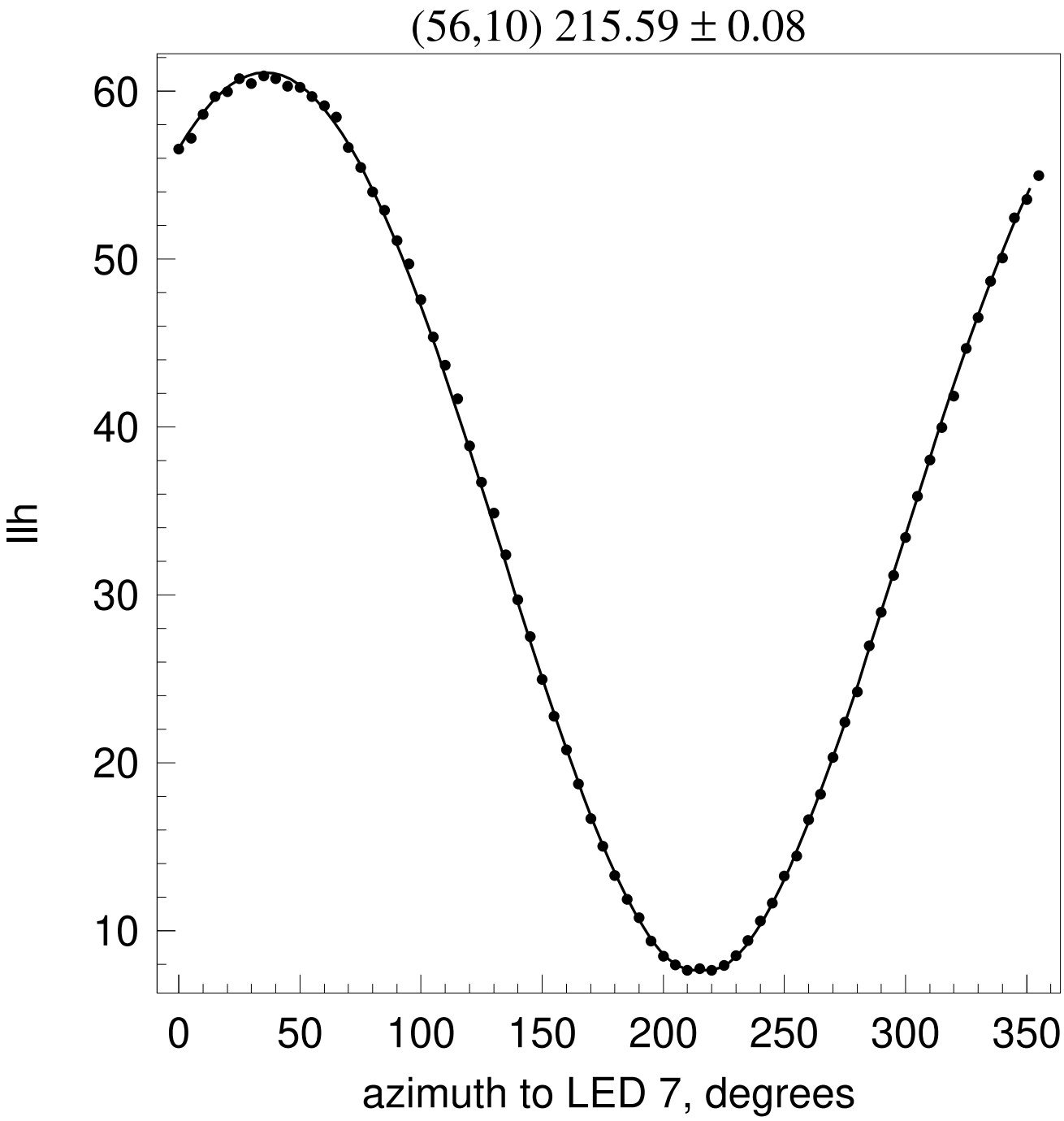

(56,5) 50.42 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

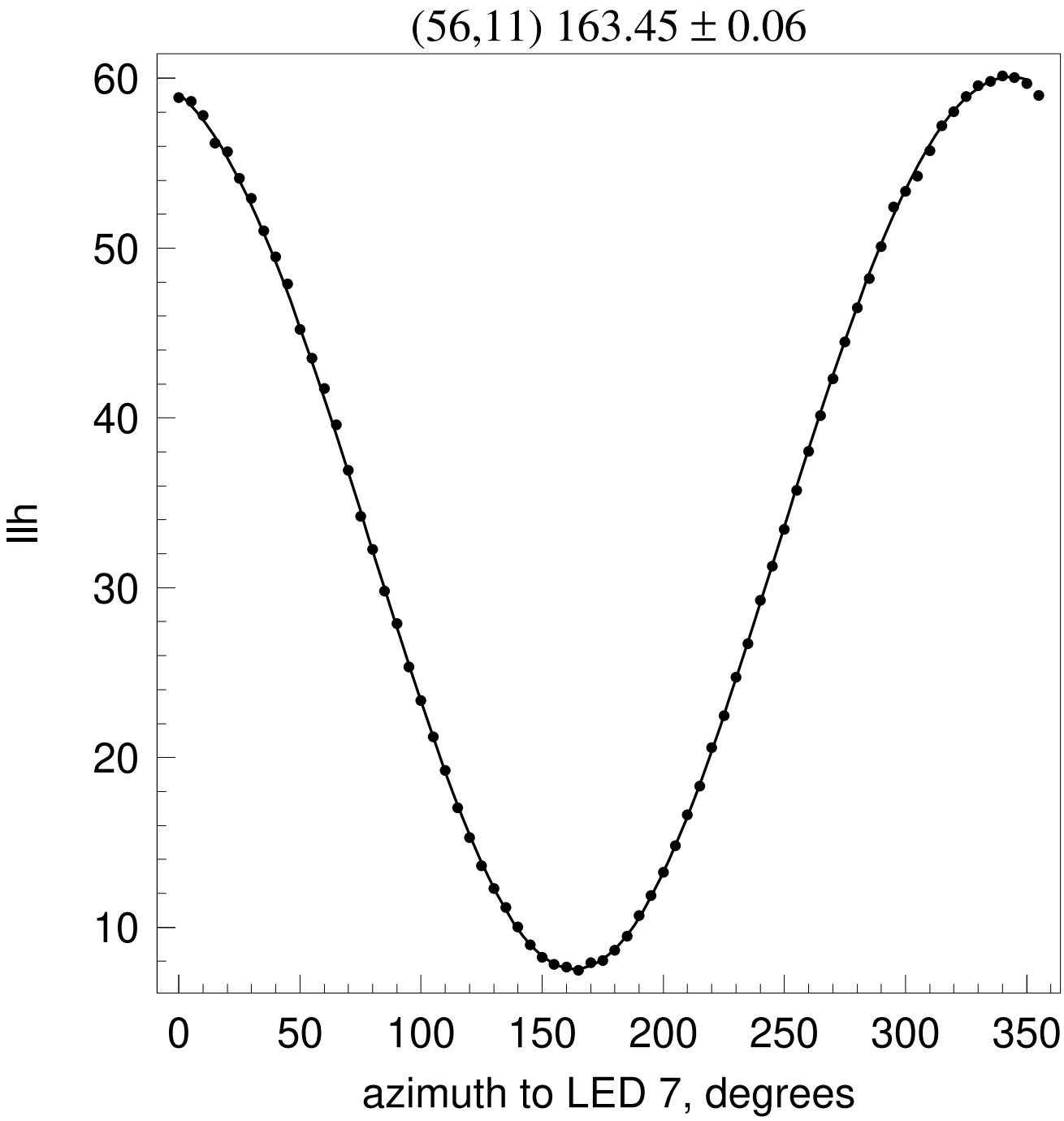

(56,6) 323.23 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

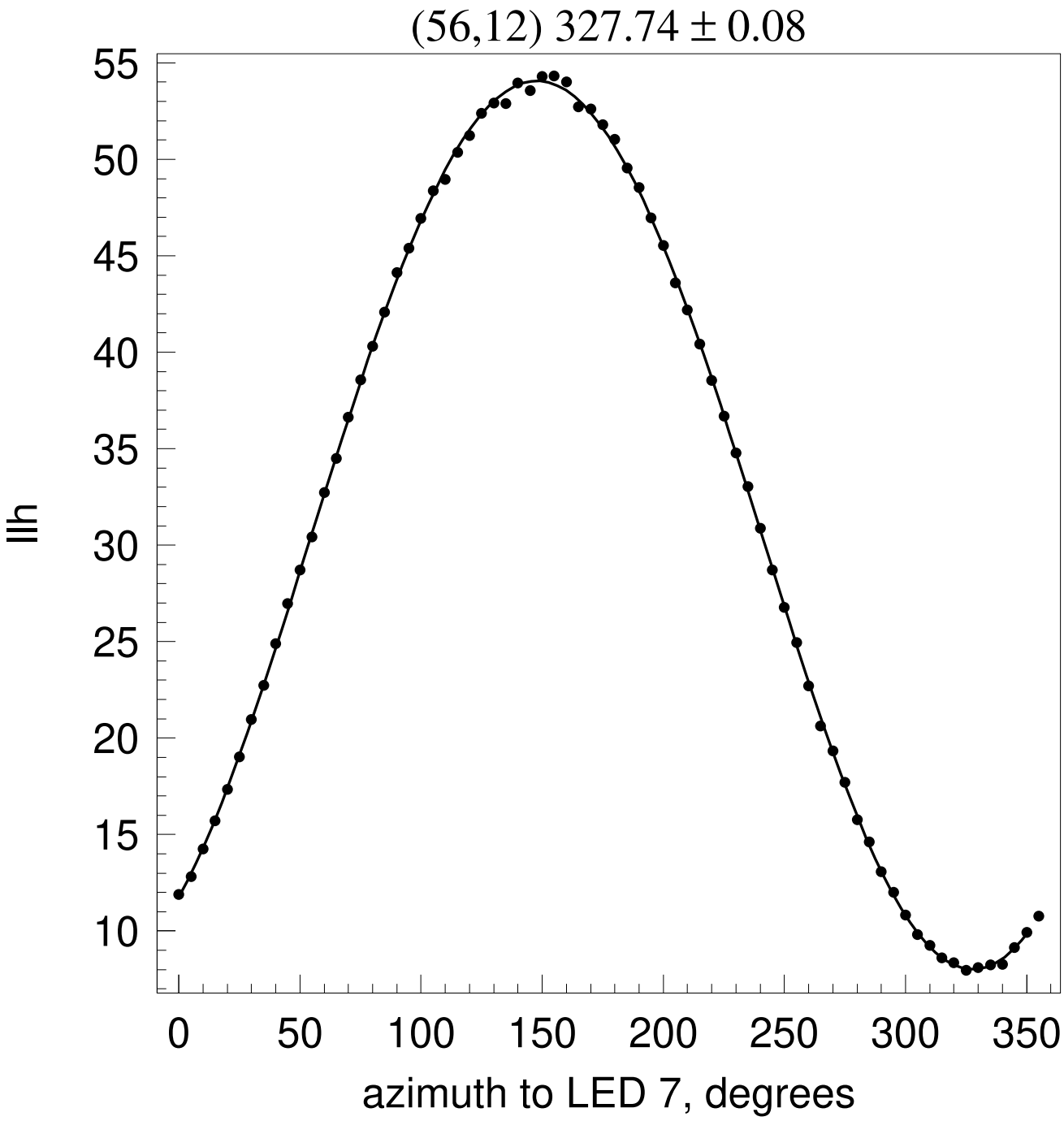

(56,7) 338.75 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

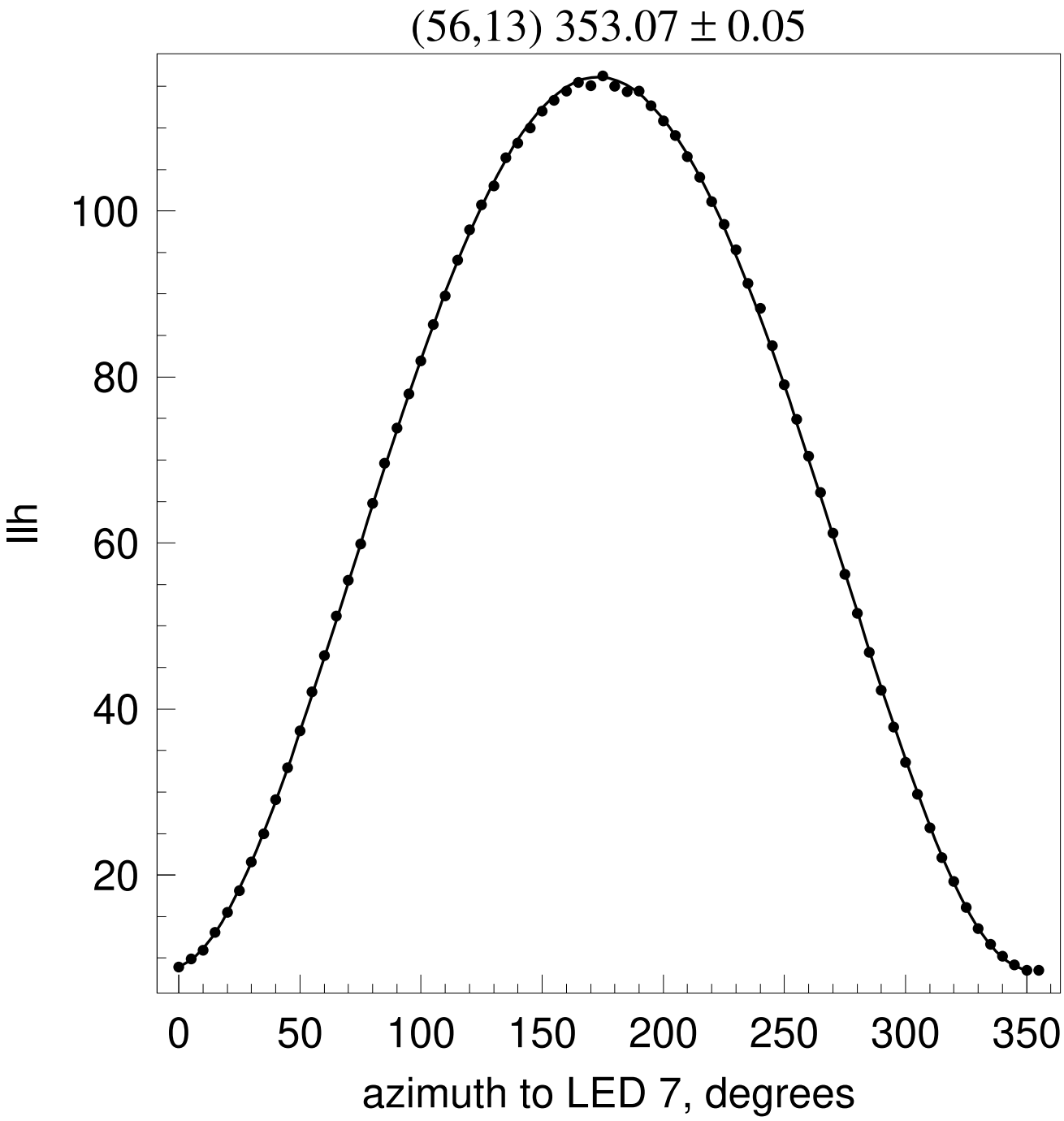

(56,8) 225.50 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

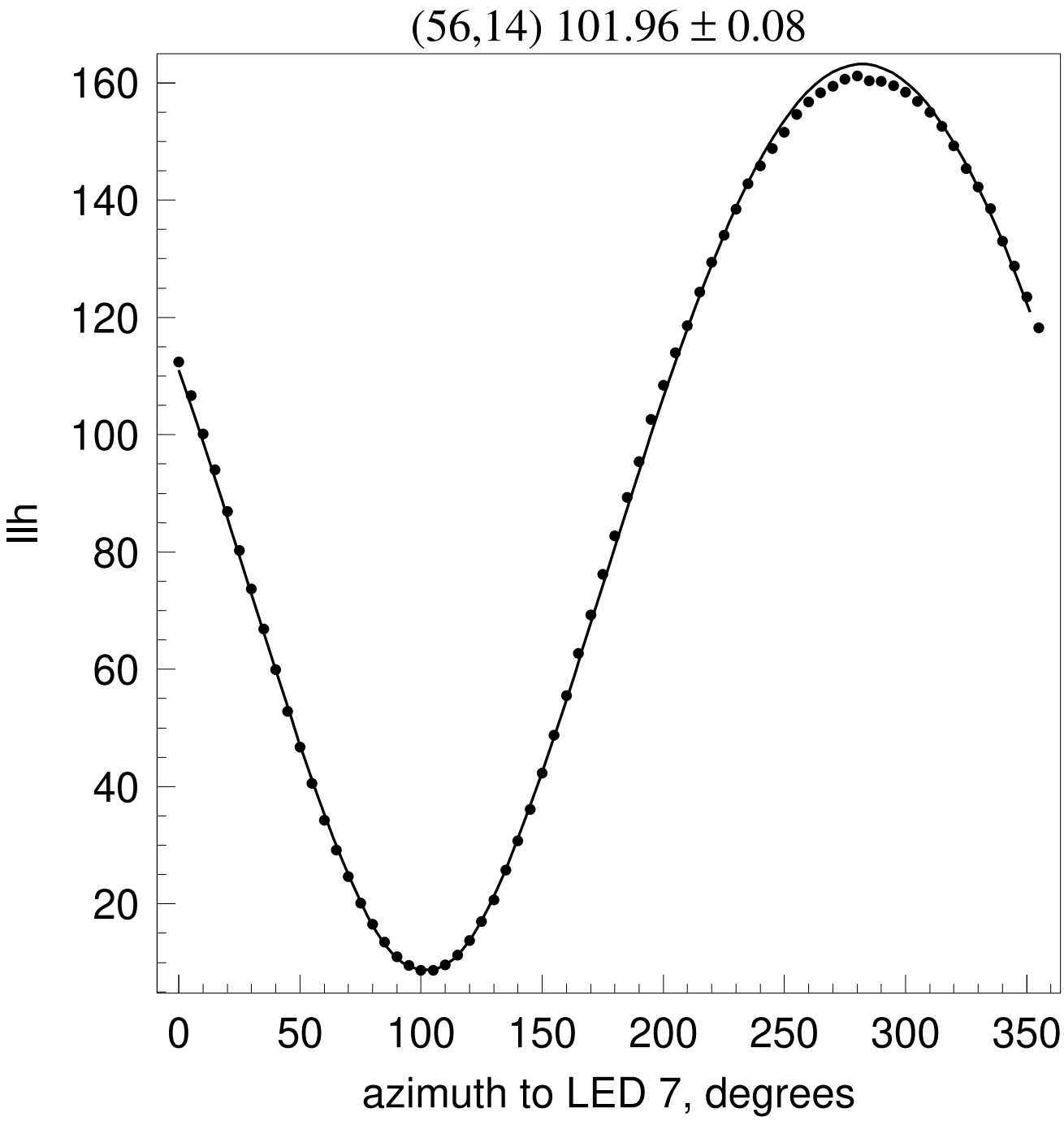

(56,9) 309.20 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

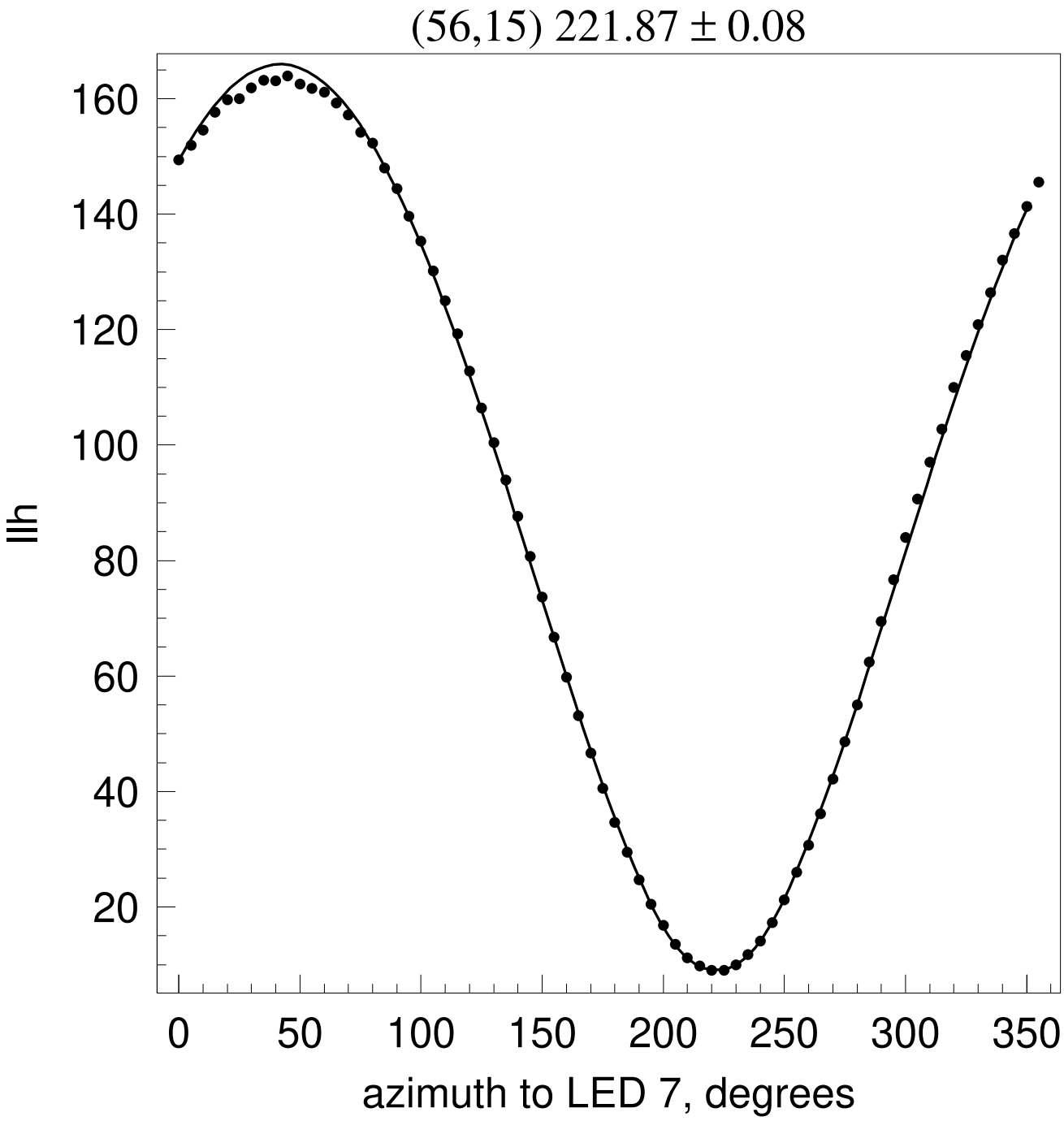

(56,10) 215.59 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

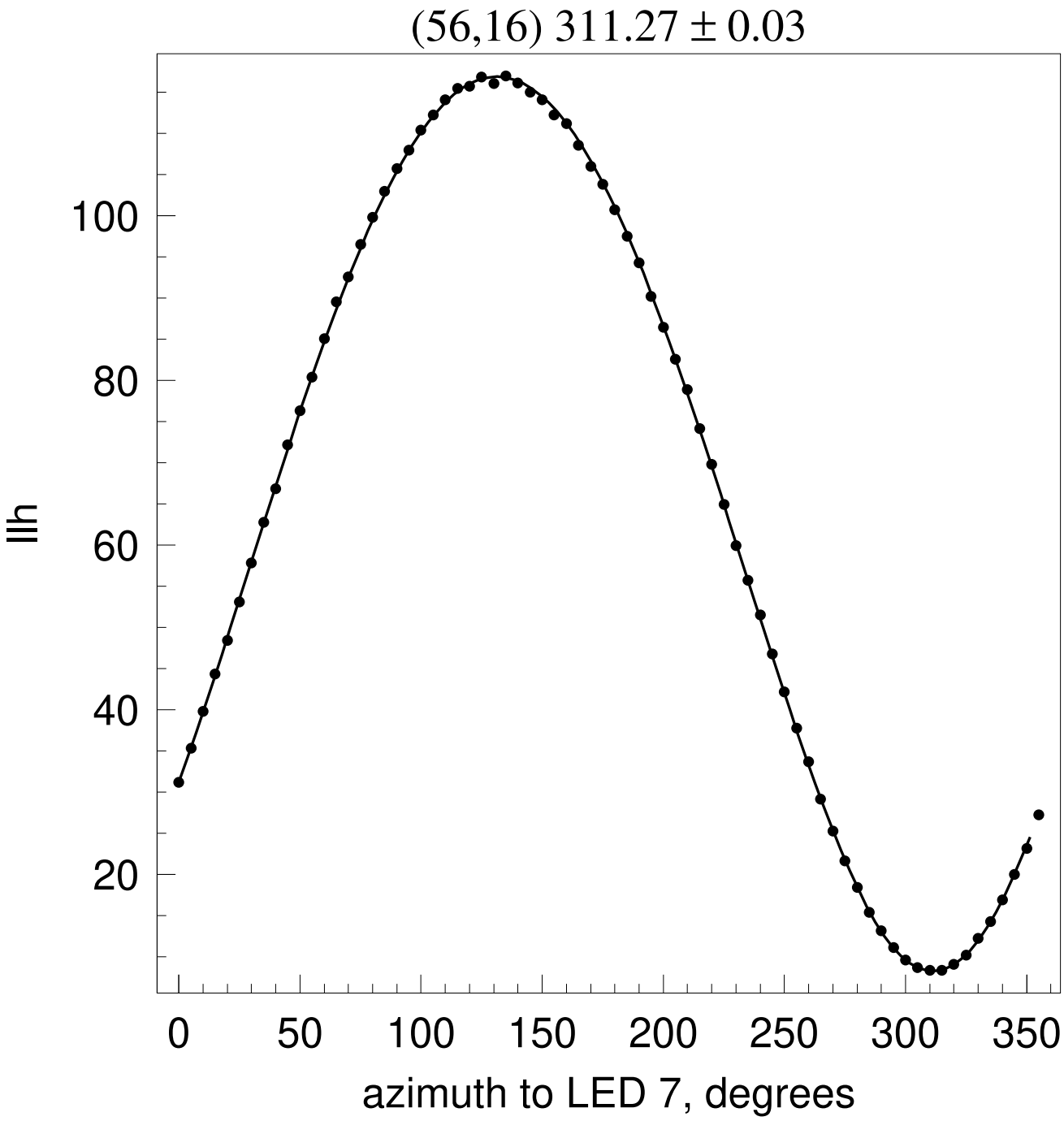

(56,11) 163.45 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

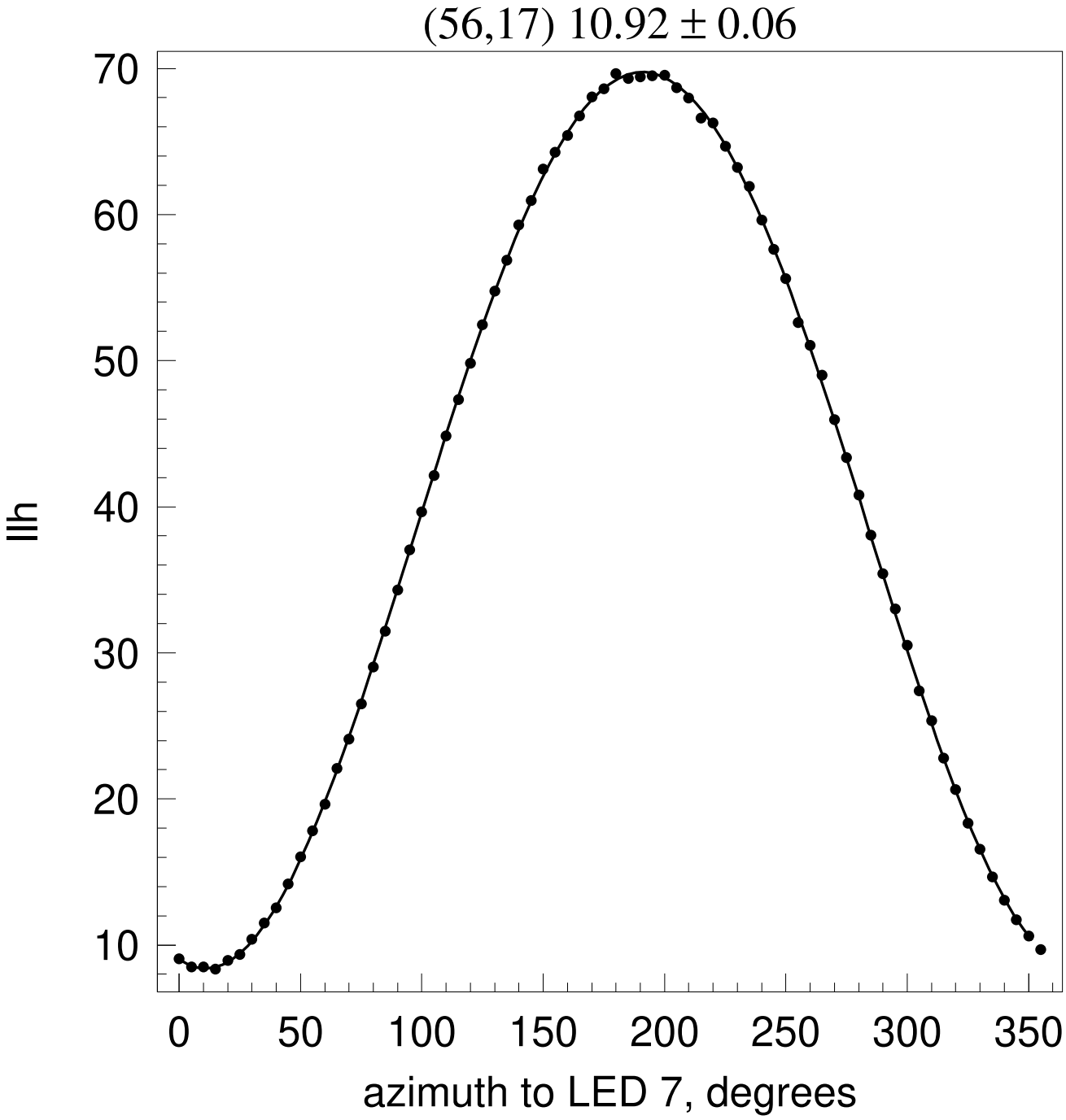

(56,12) 327.74 ± 0.08
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

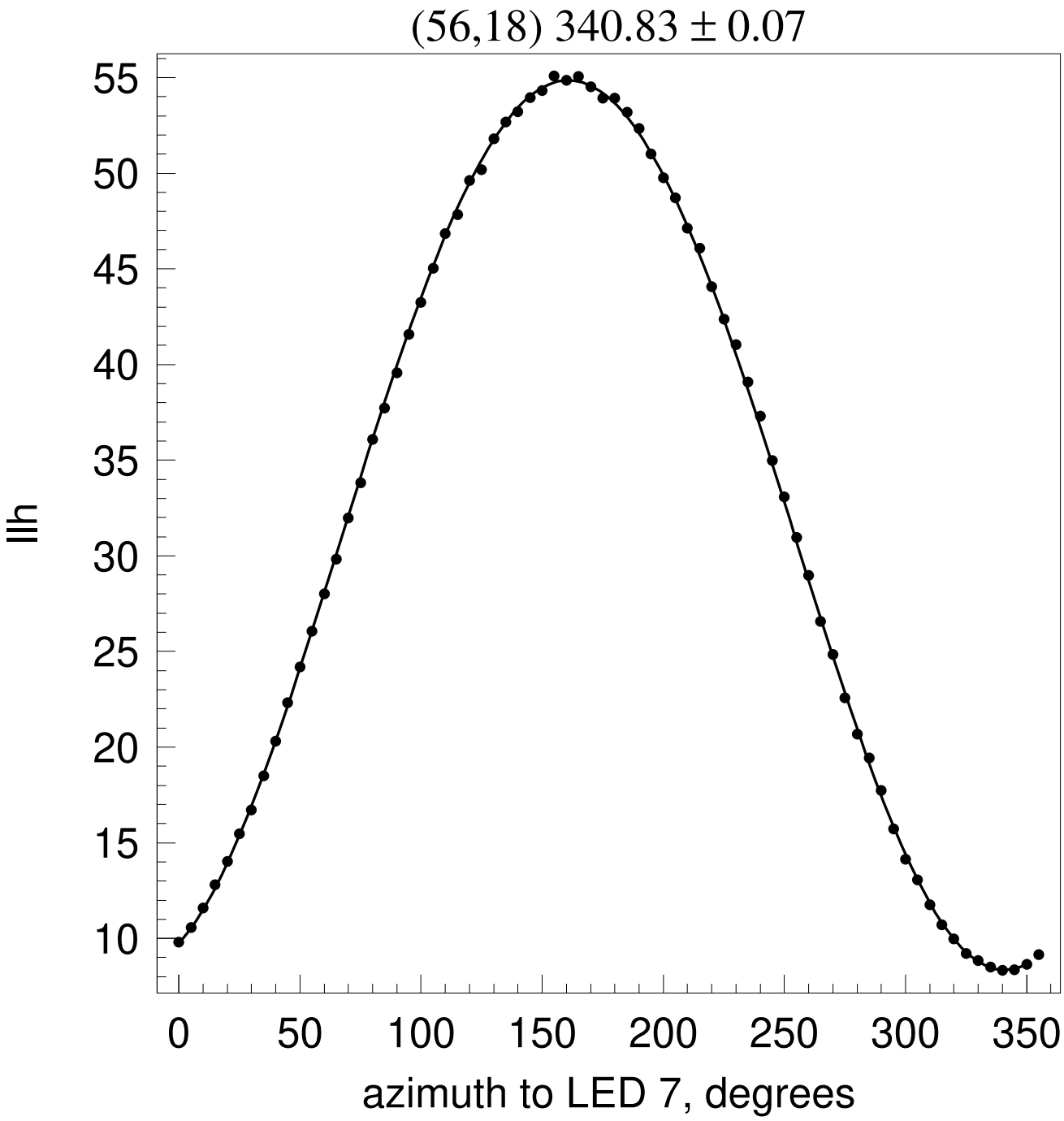

(56,13) 353.07 ± 0.05
llh
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

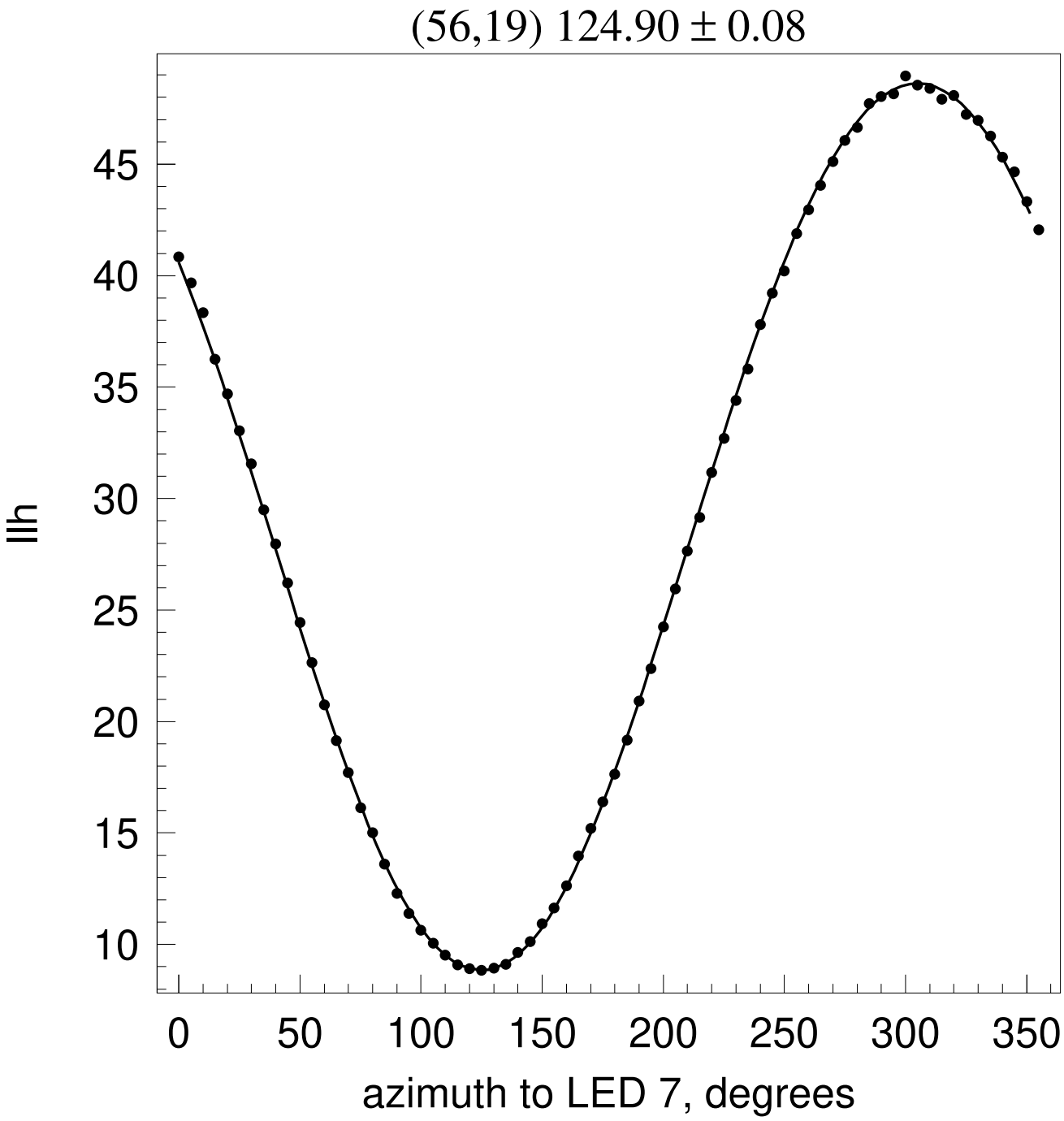

(56,14) 101.96 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

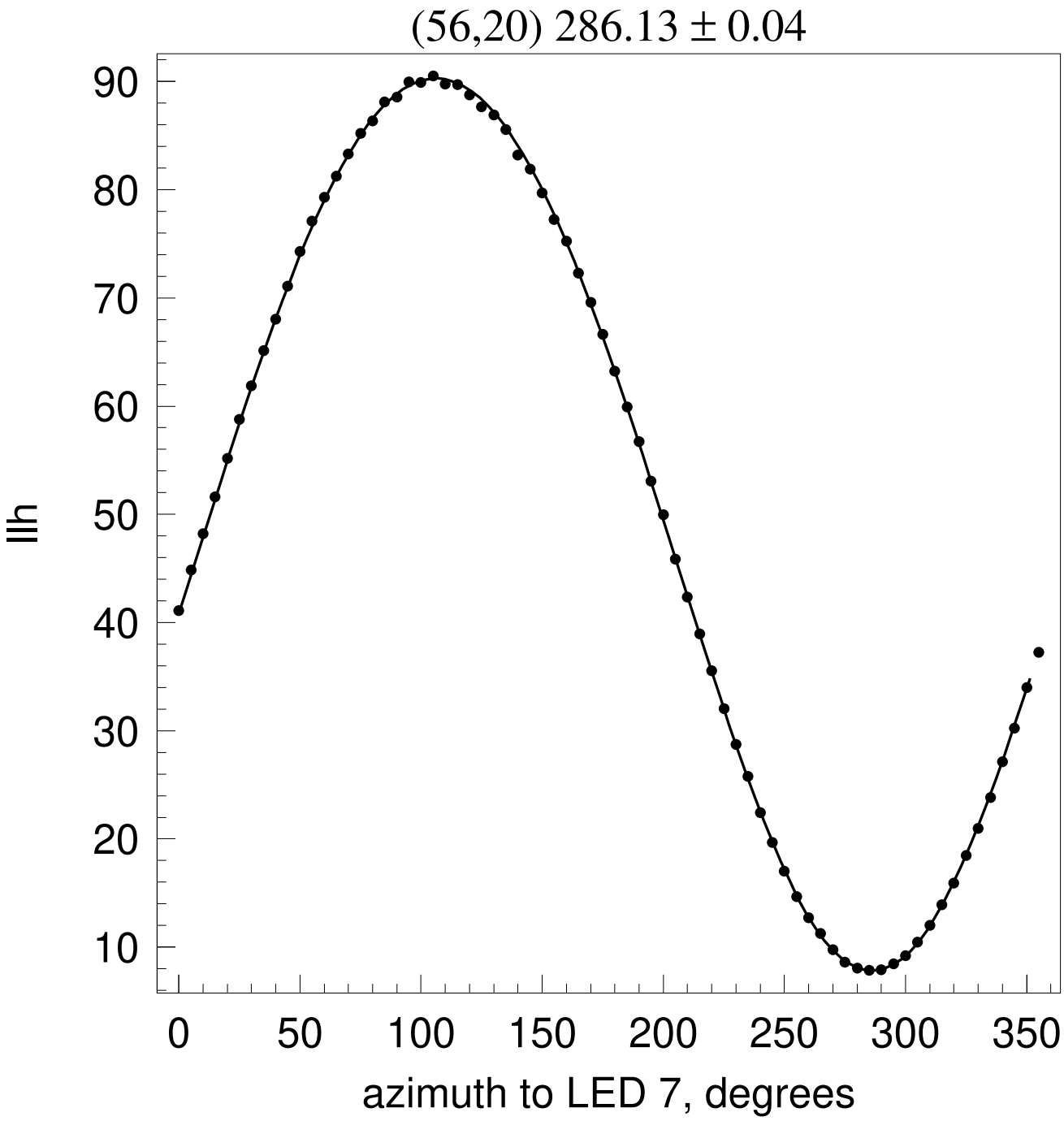

(56,15) 221.87 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

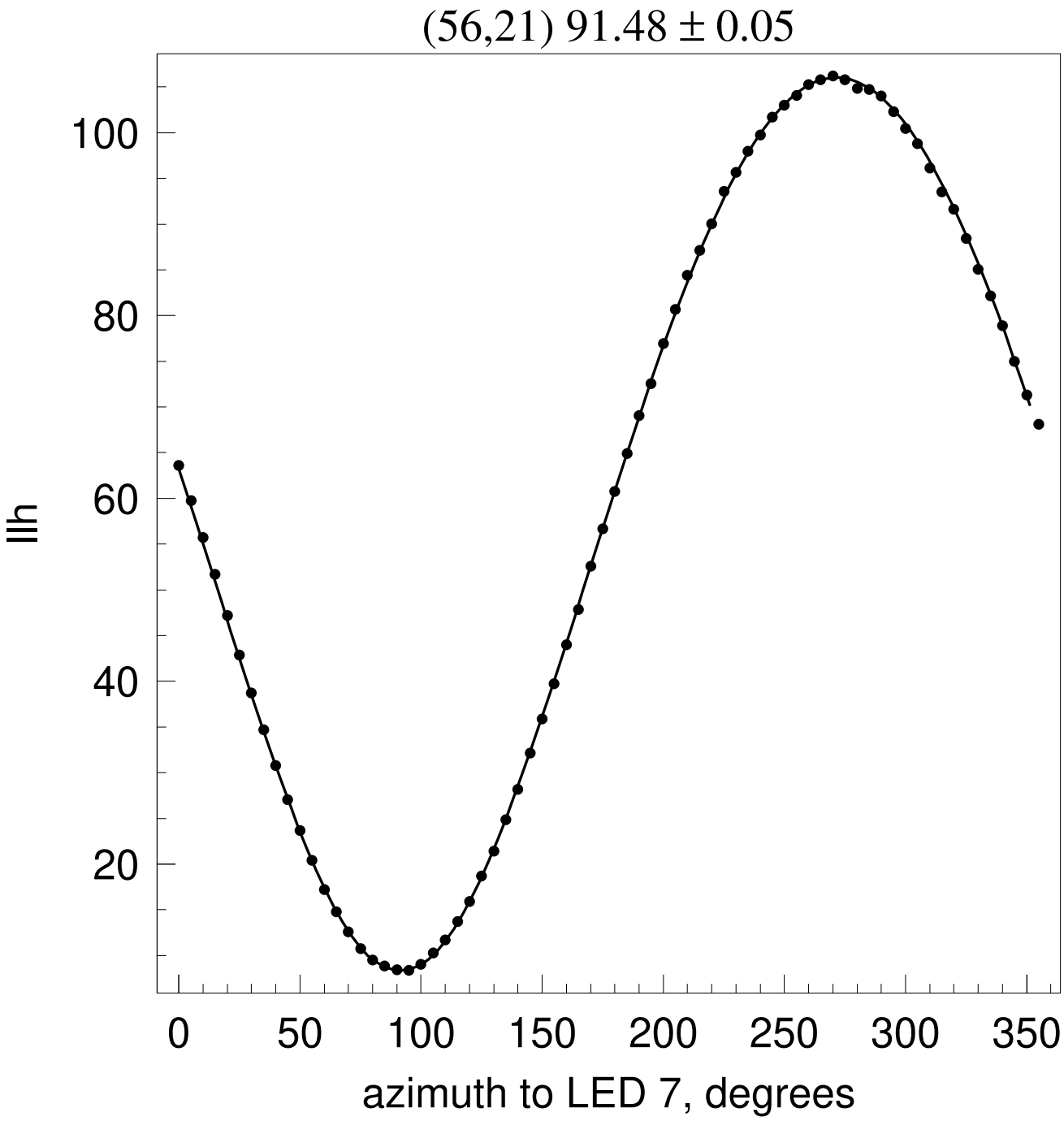

(56,16) 311.27 ± 0.03
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

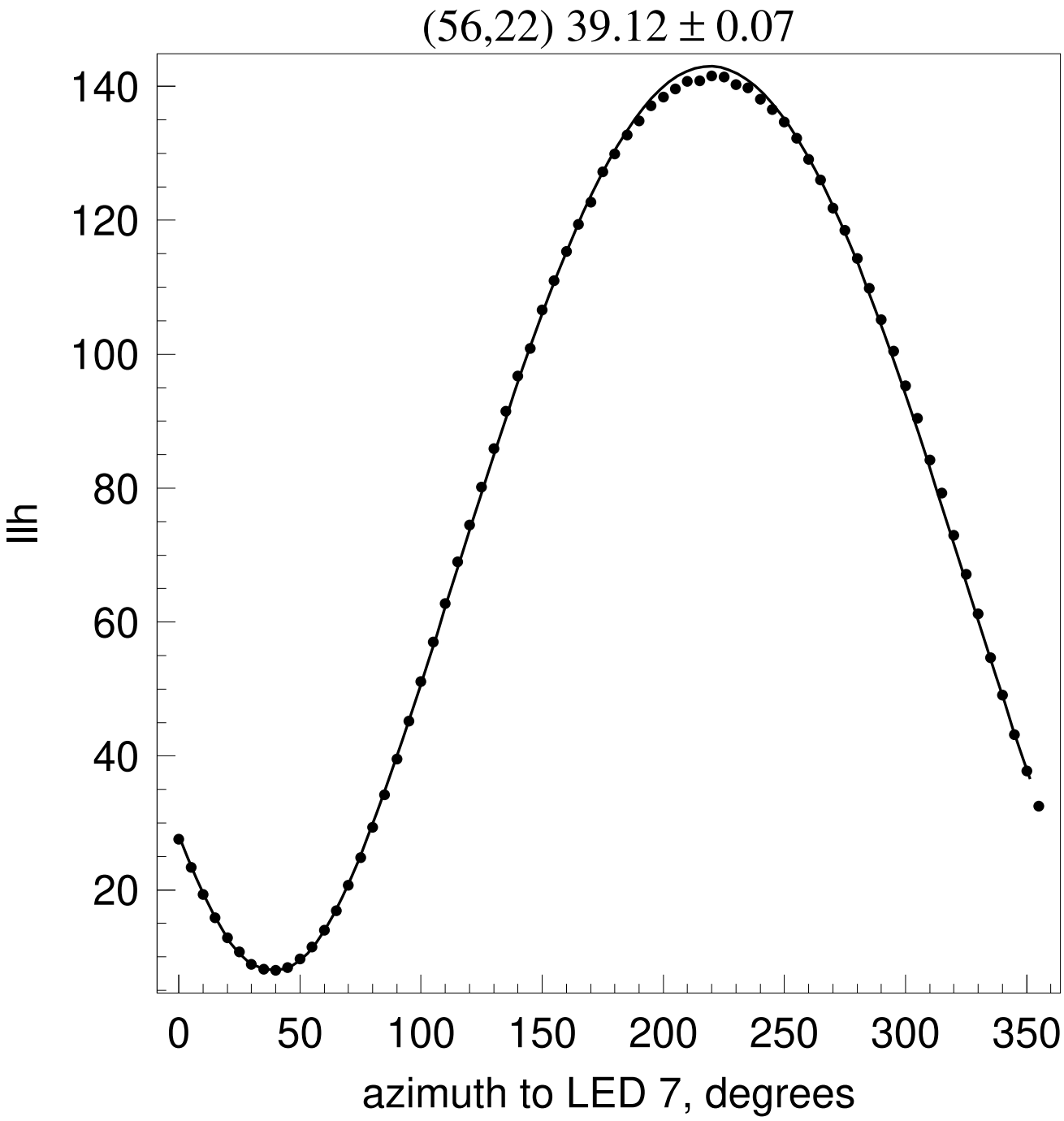

(56,17) 10.92 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

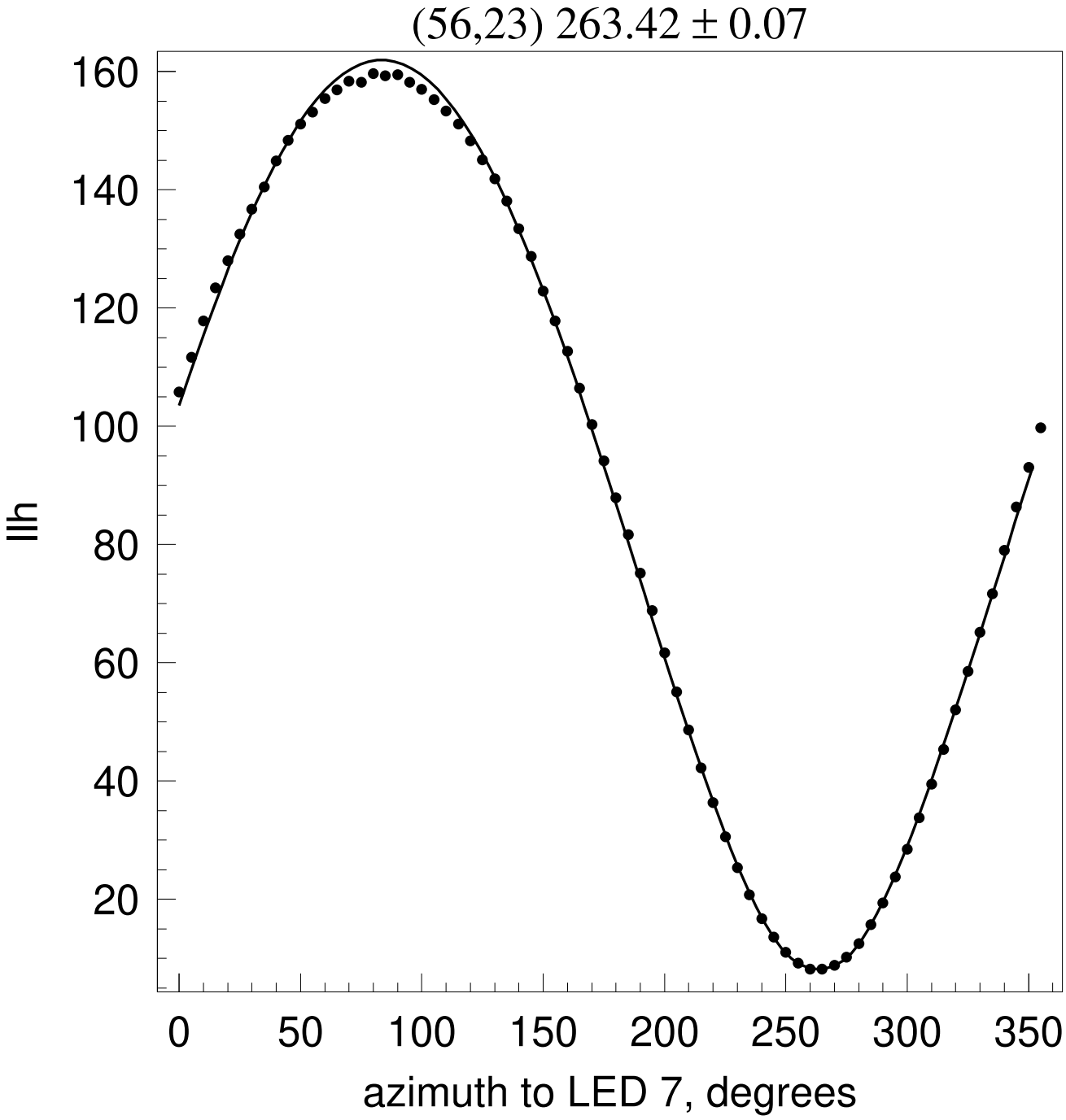

(56,18) 340.83 ± 0.07
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

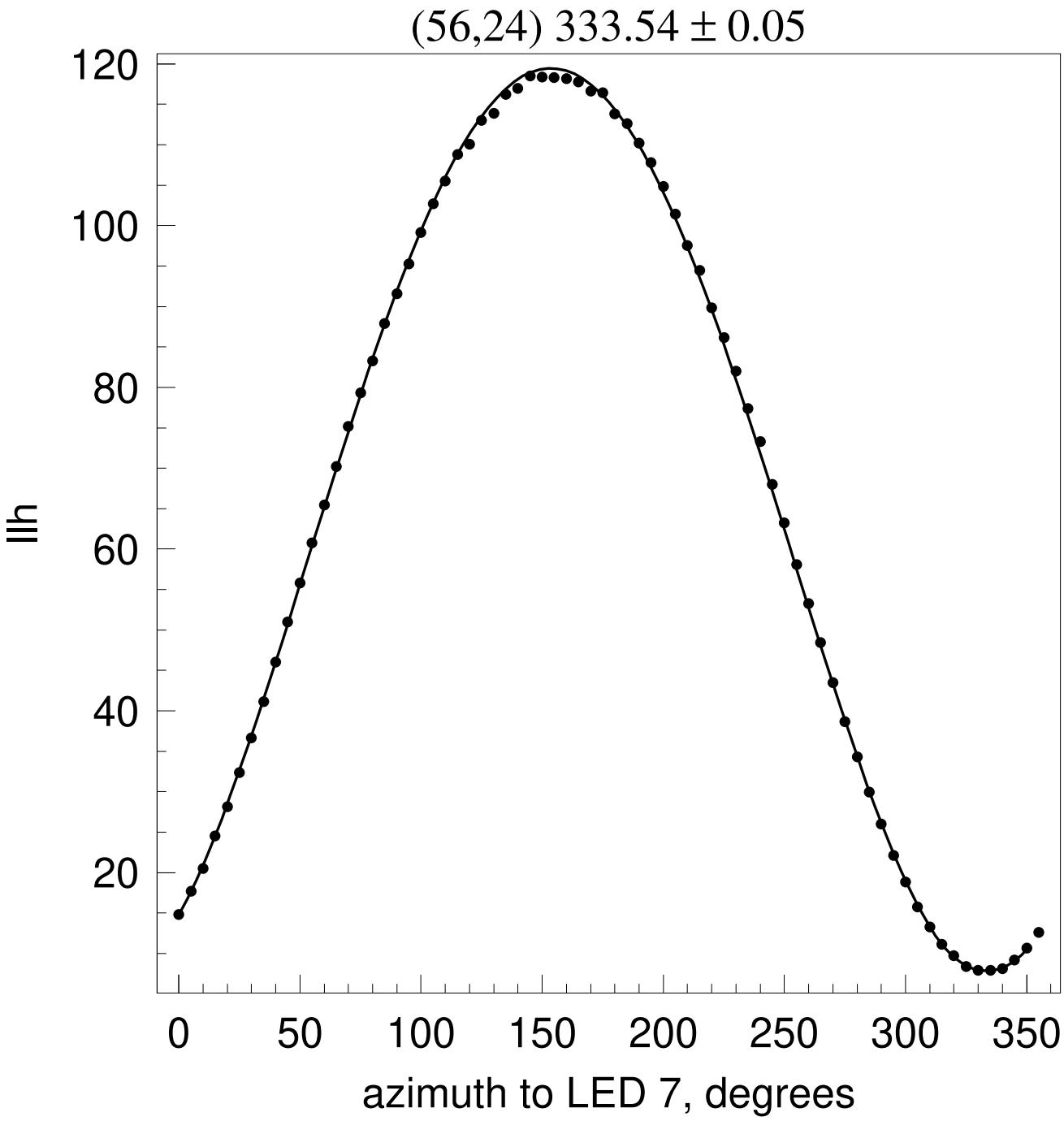

(56,19) 124.90 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

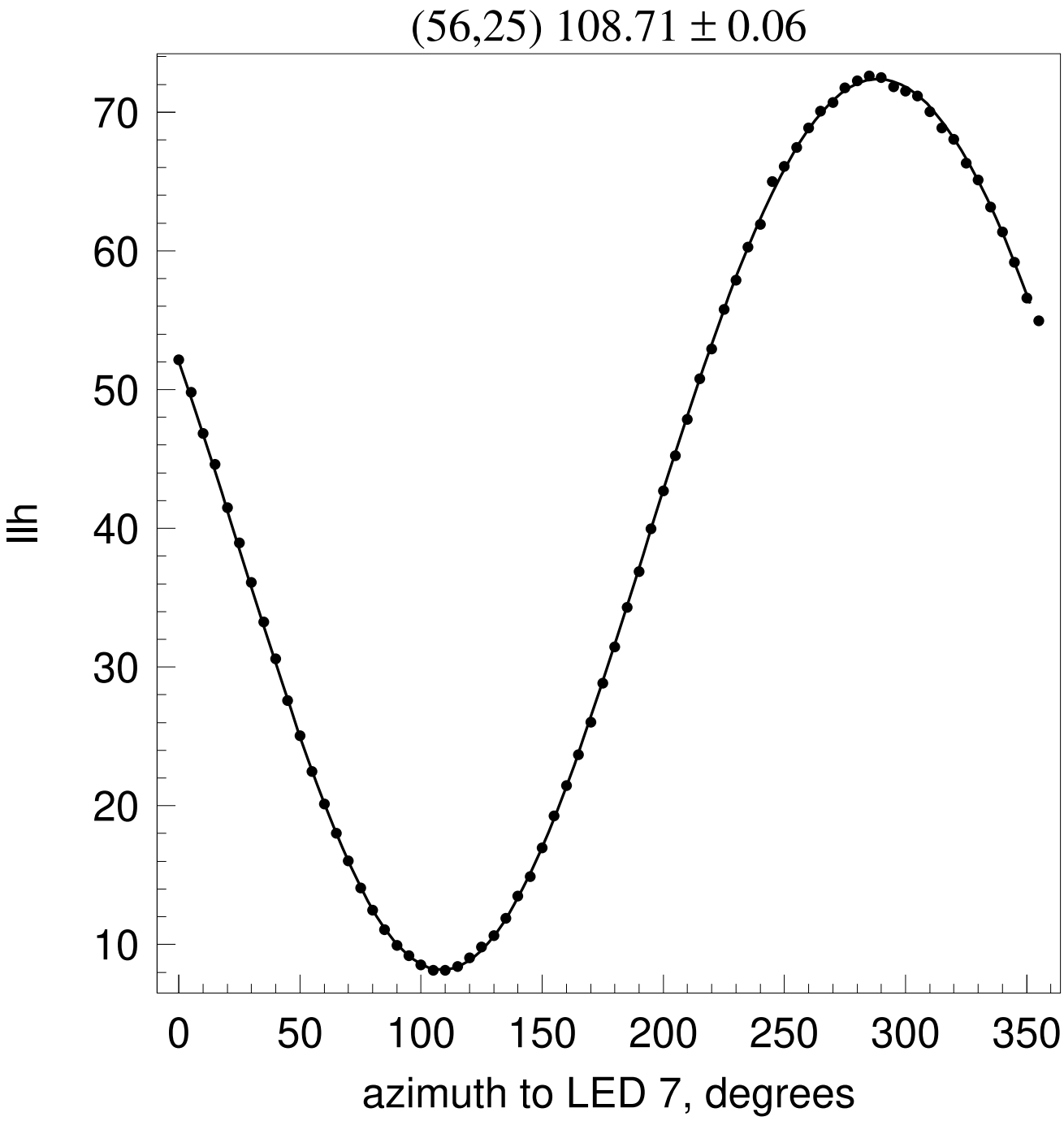

(56,20) 286.13 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

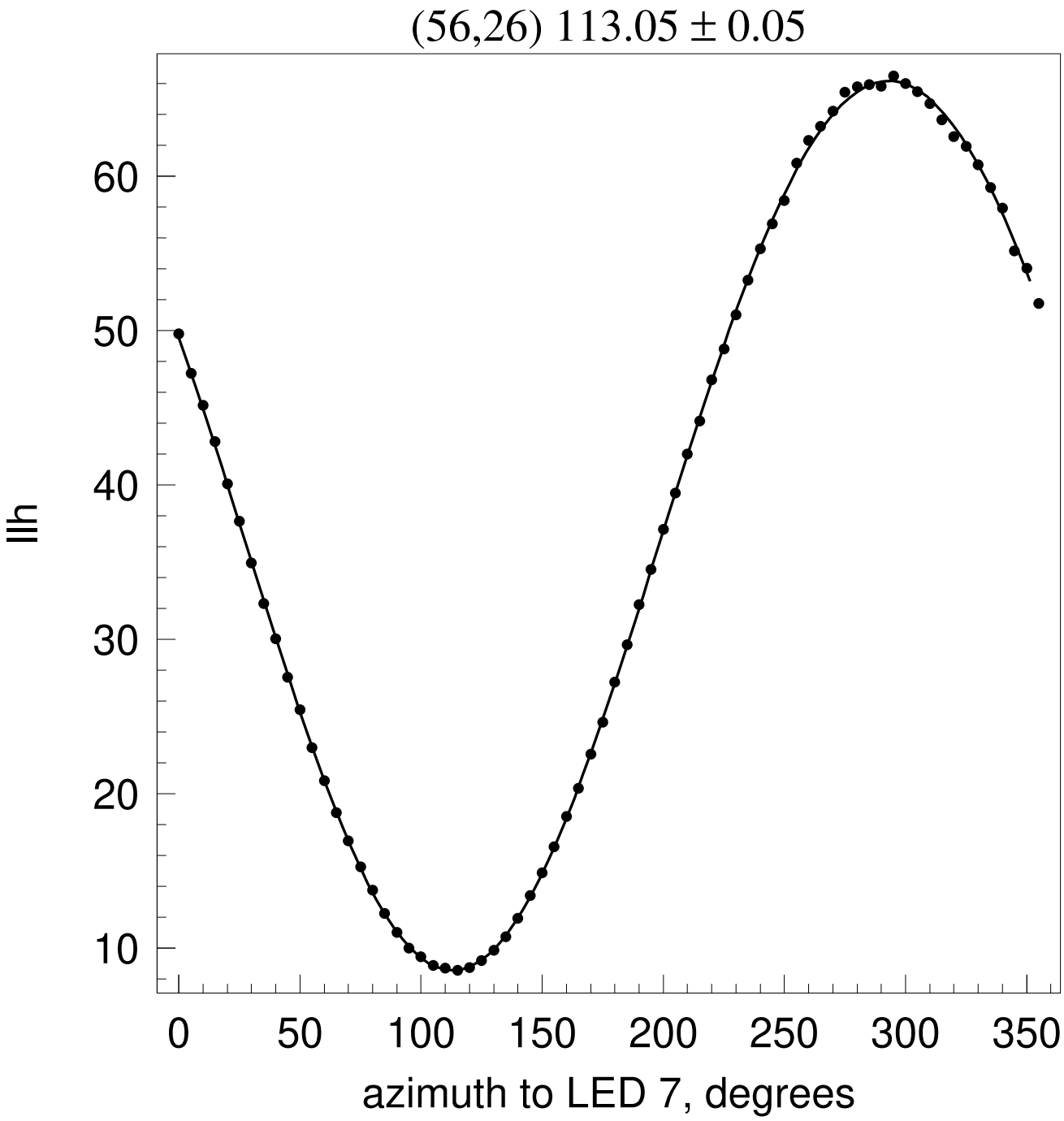

(56,21) 91.48 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

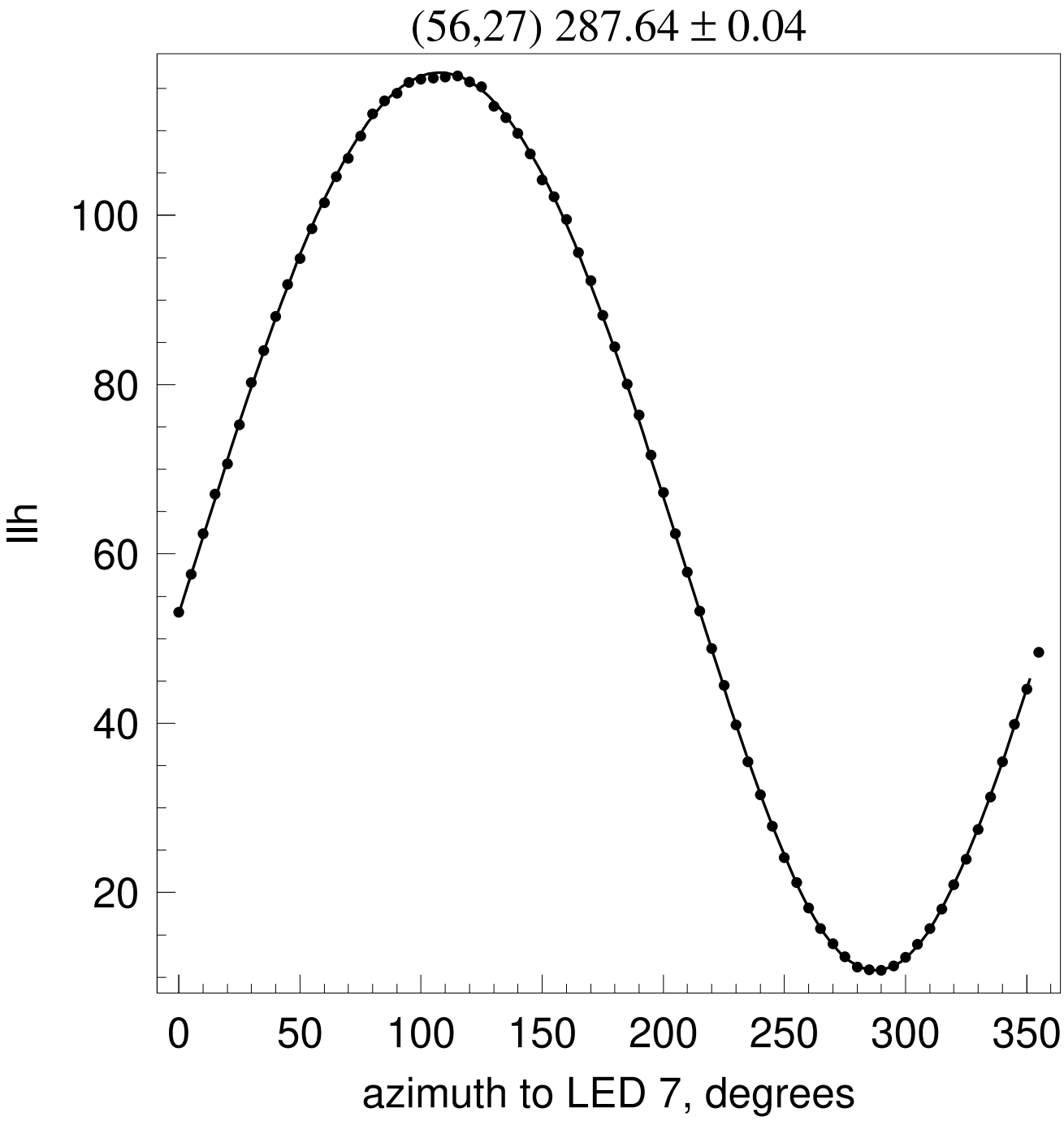

(56,22) 39.12 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

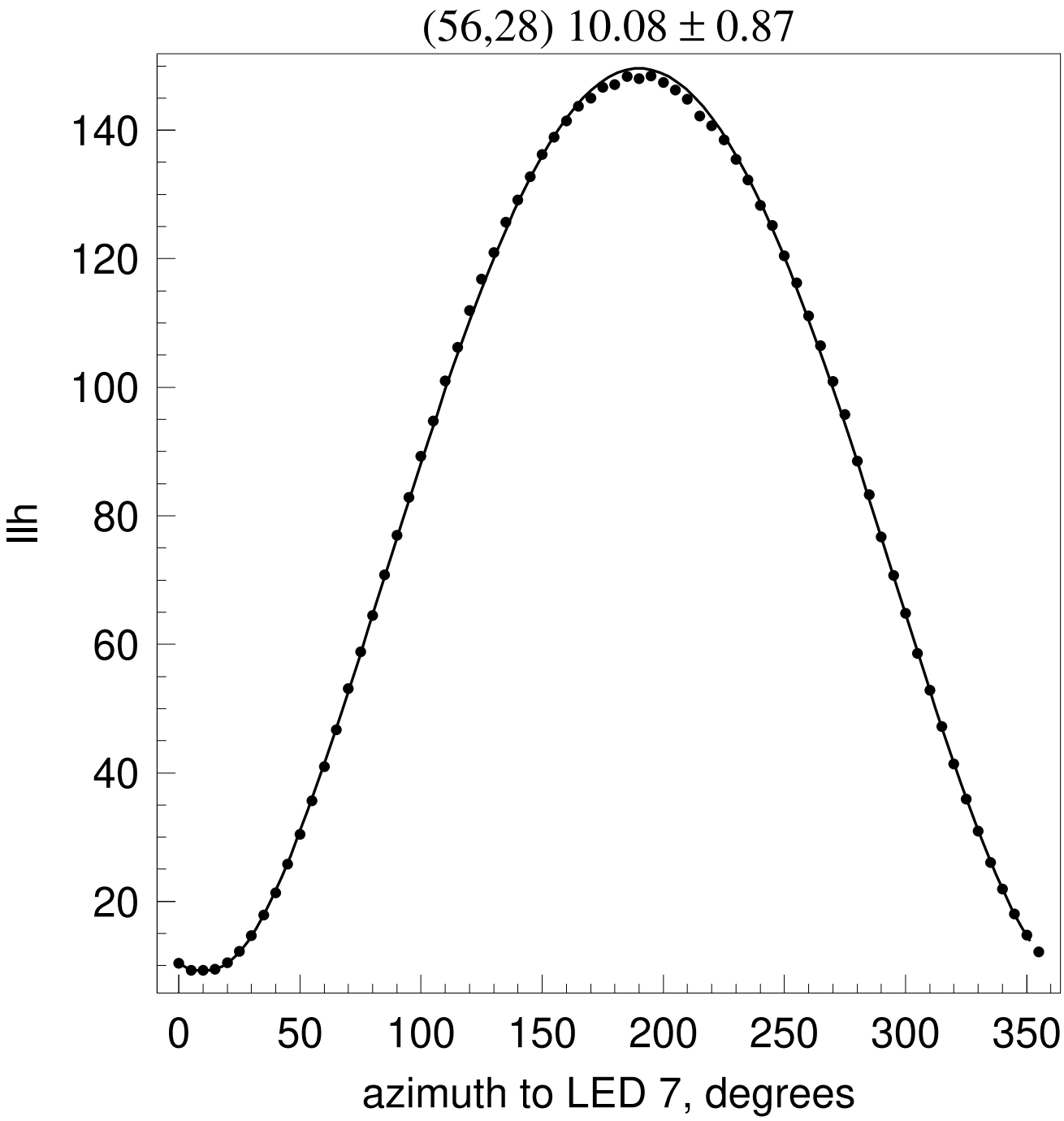

(56,23) 263.42 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

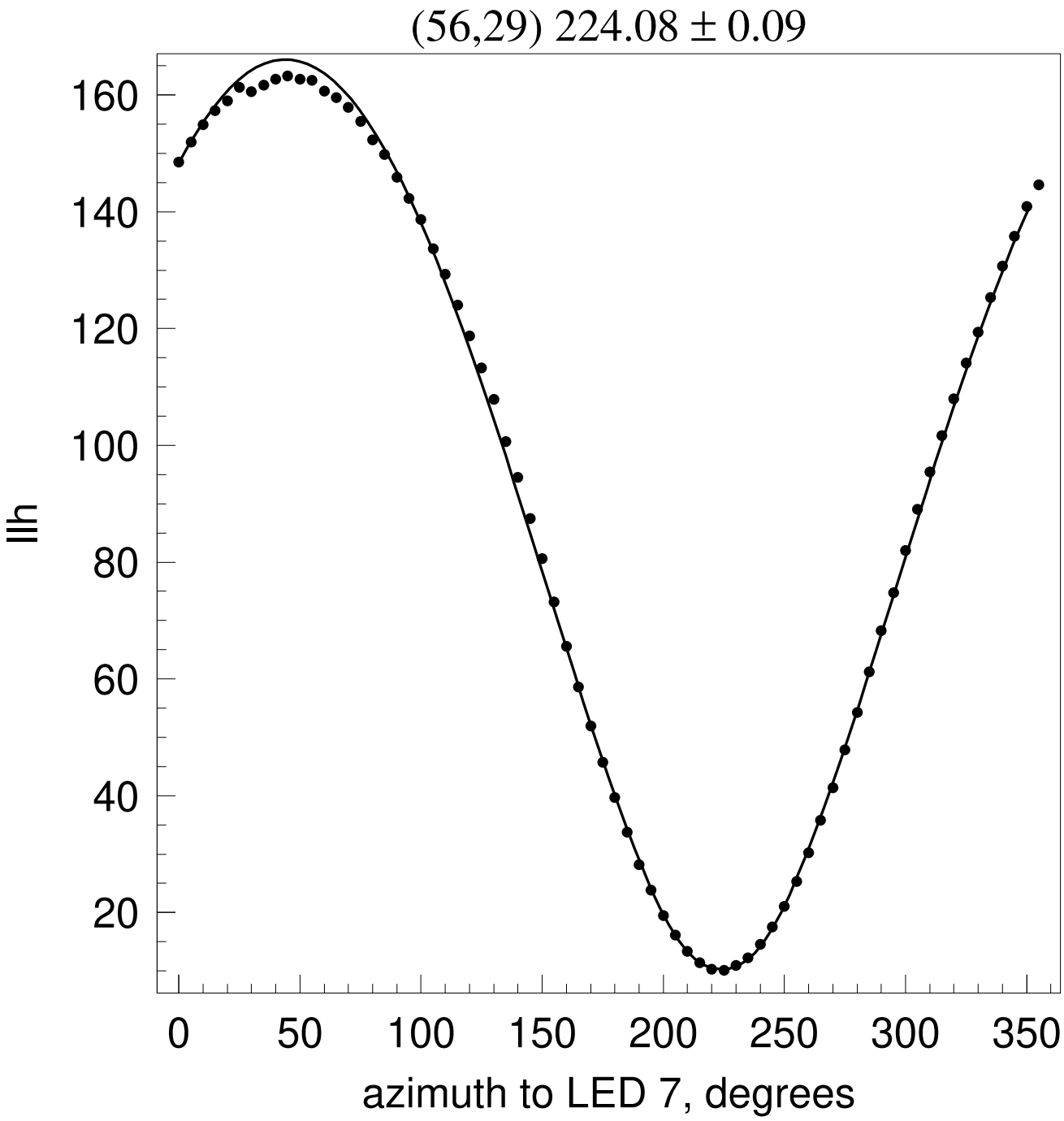

(56,24) 333.54 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

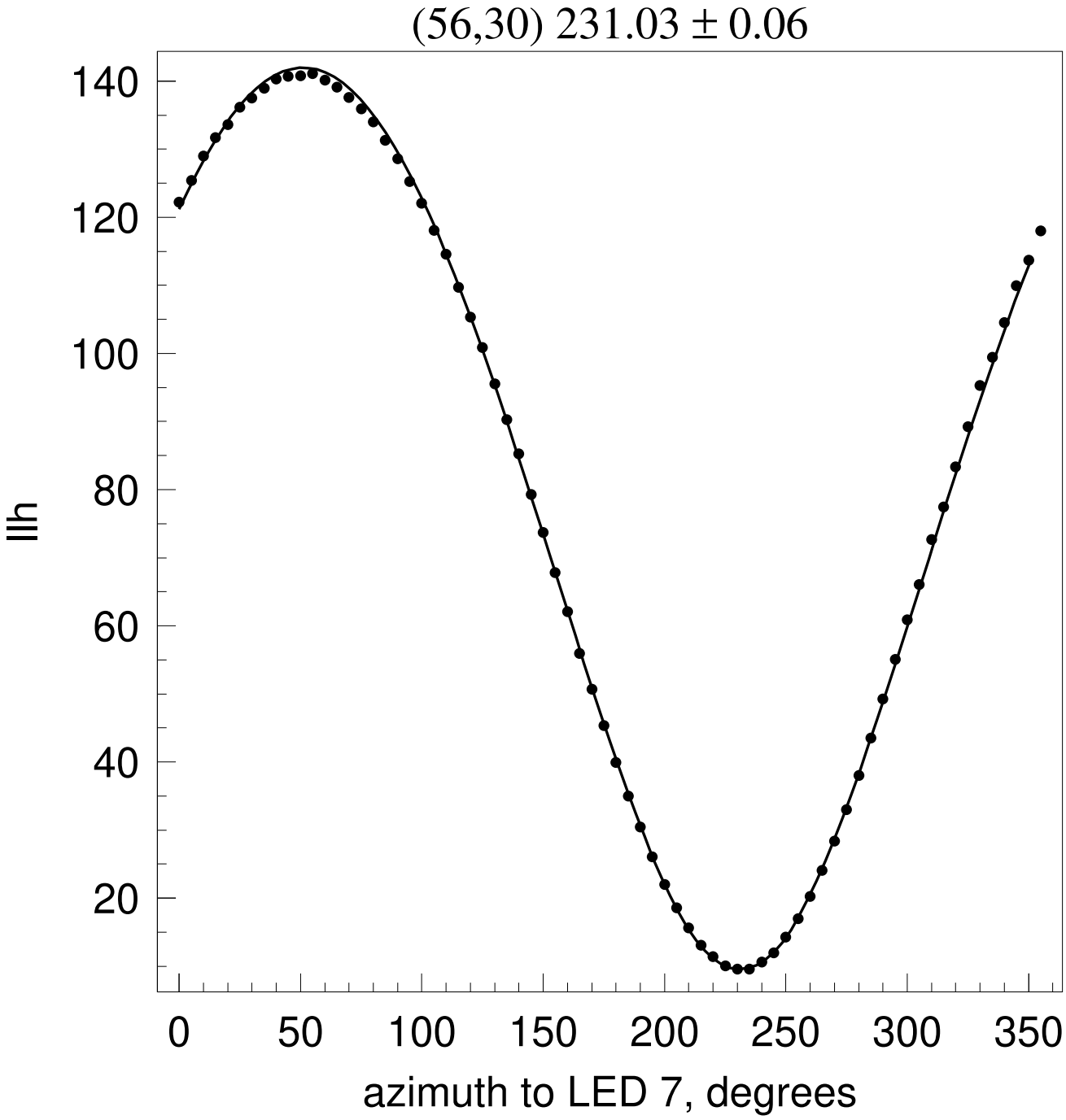

(56,25) 108.71 ± 0.06
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

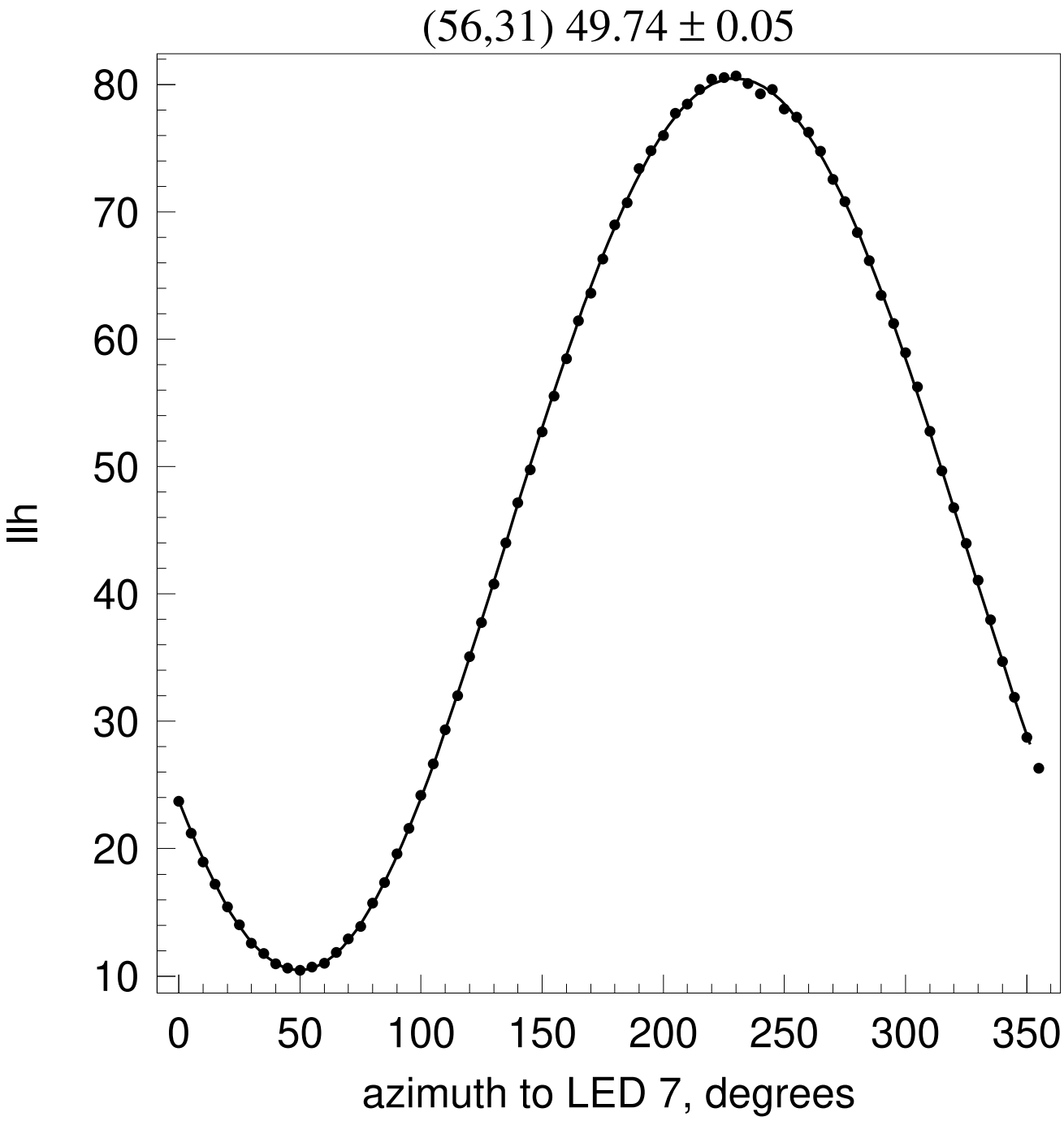

(56,26) 113.05 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

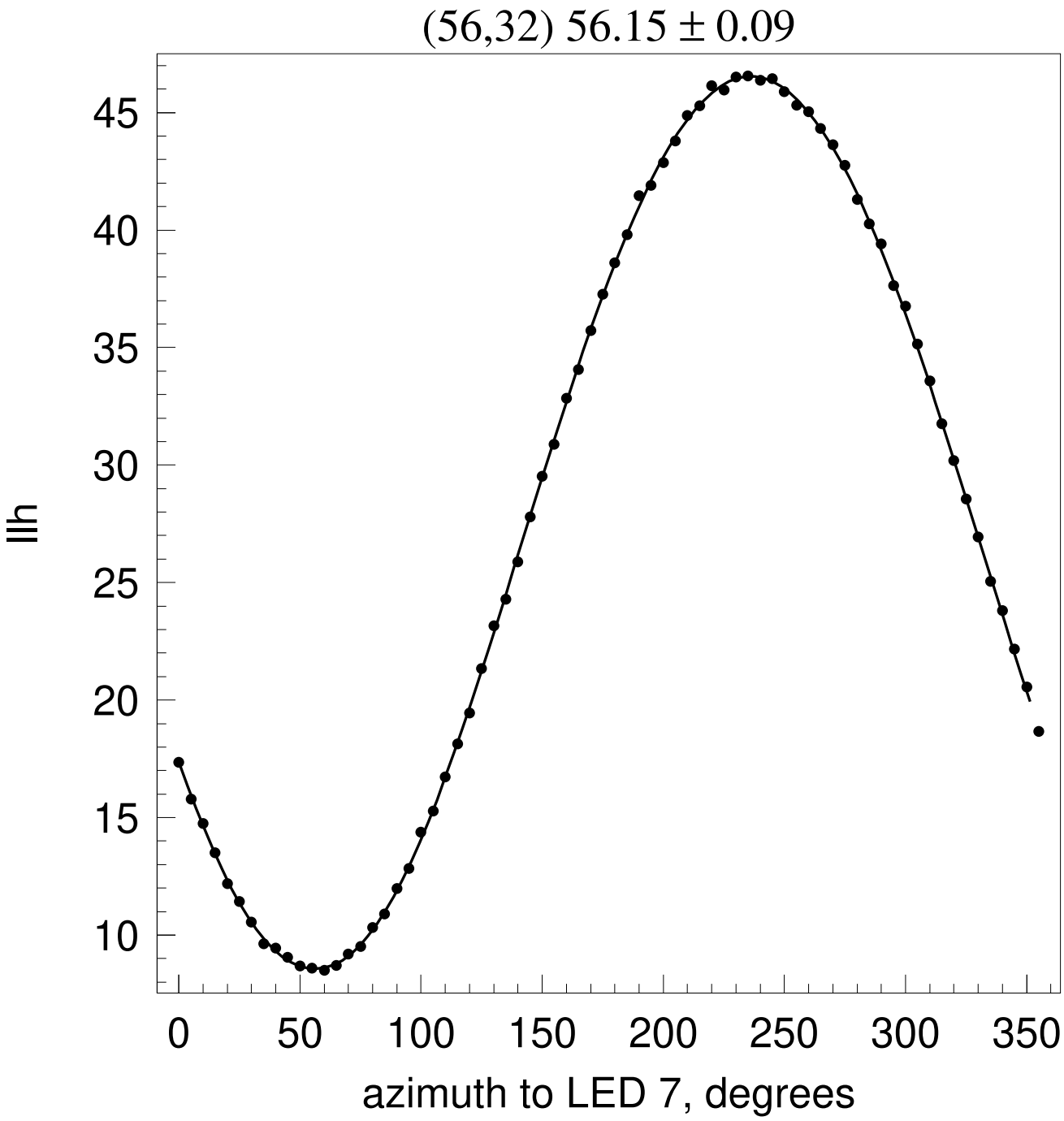

(56,27) 287.64 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

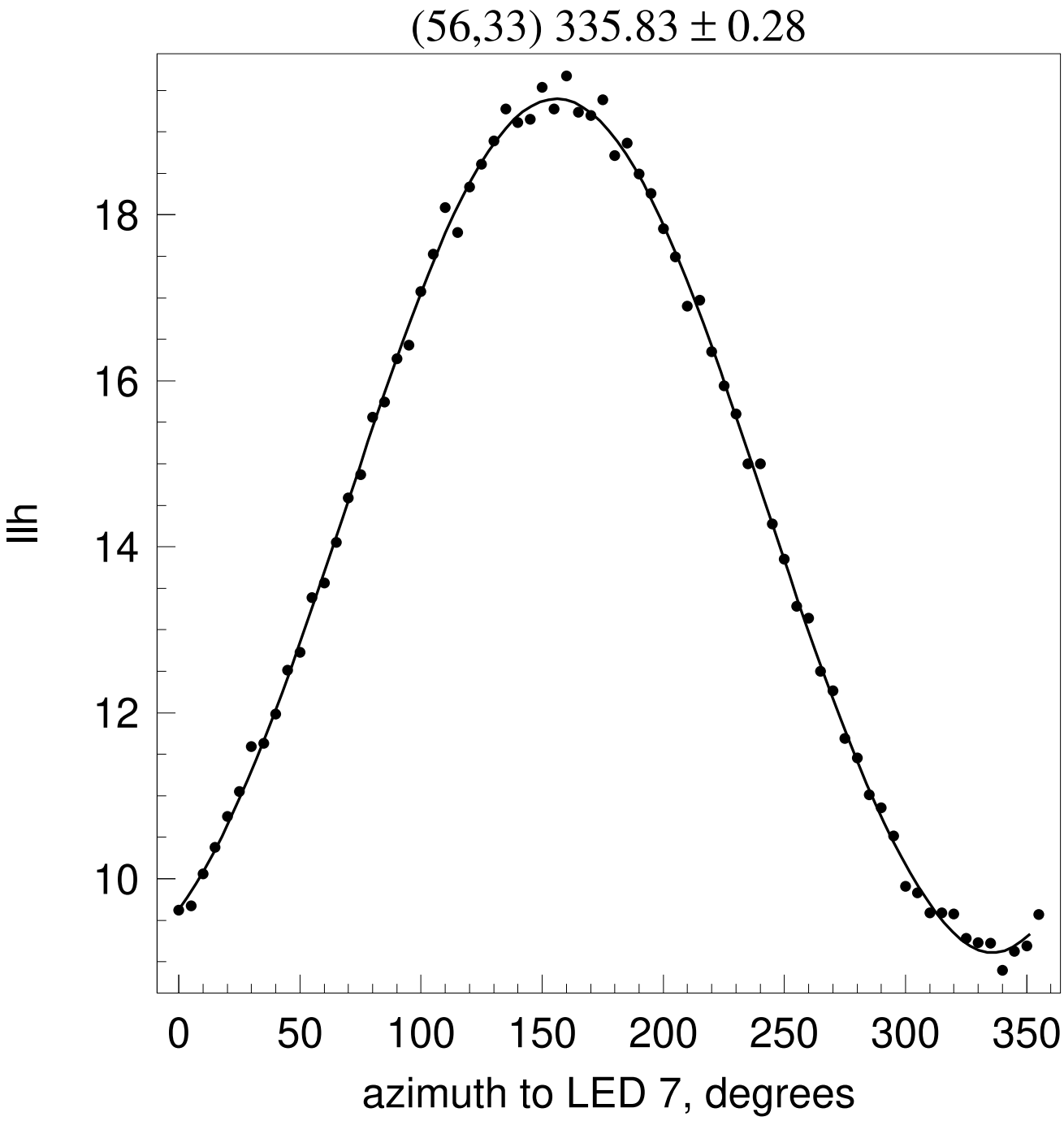

(56,28) 10.08 ± 0.87
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

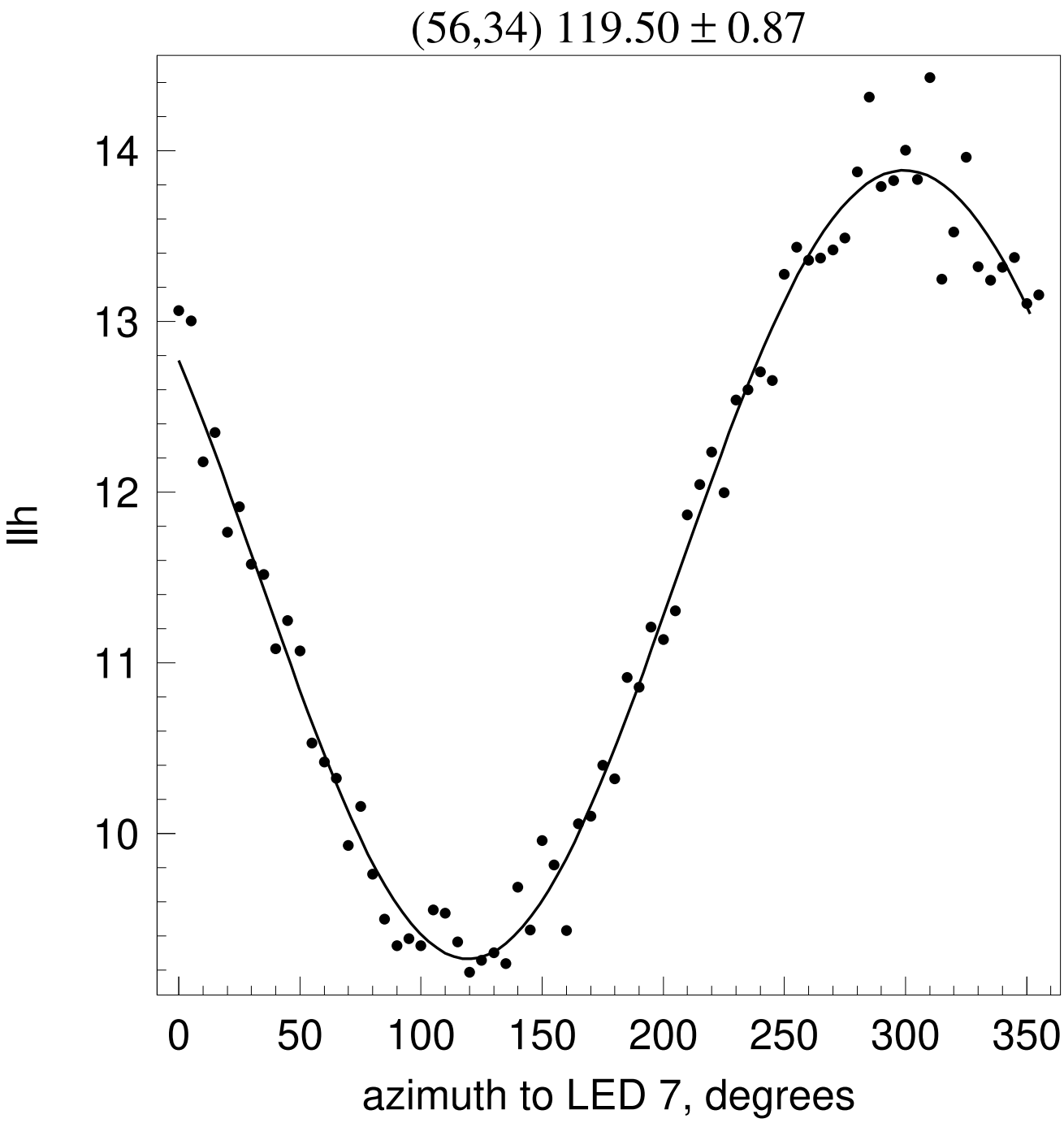

(56,29) 224.08 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

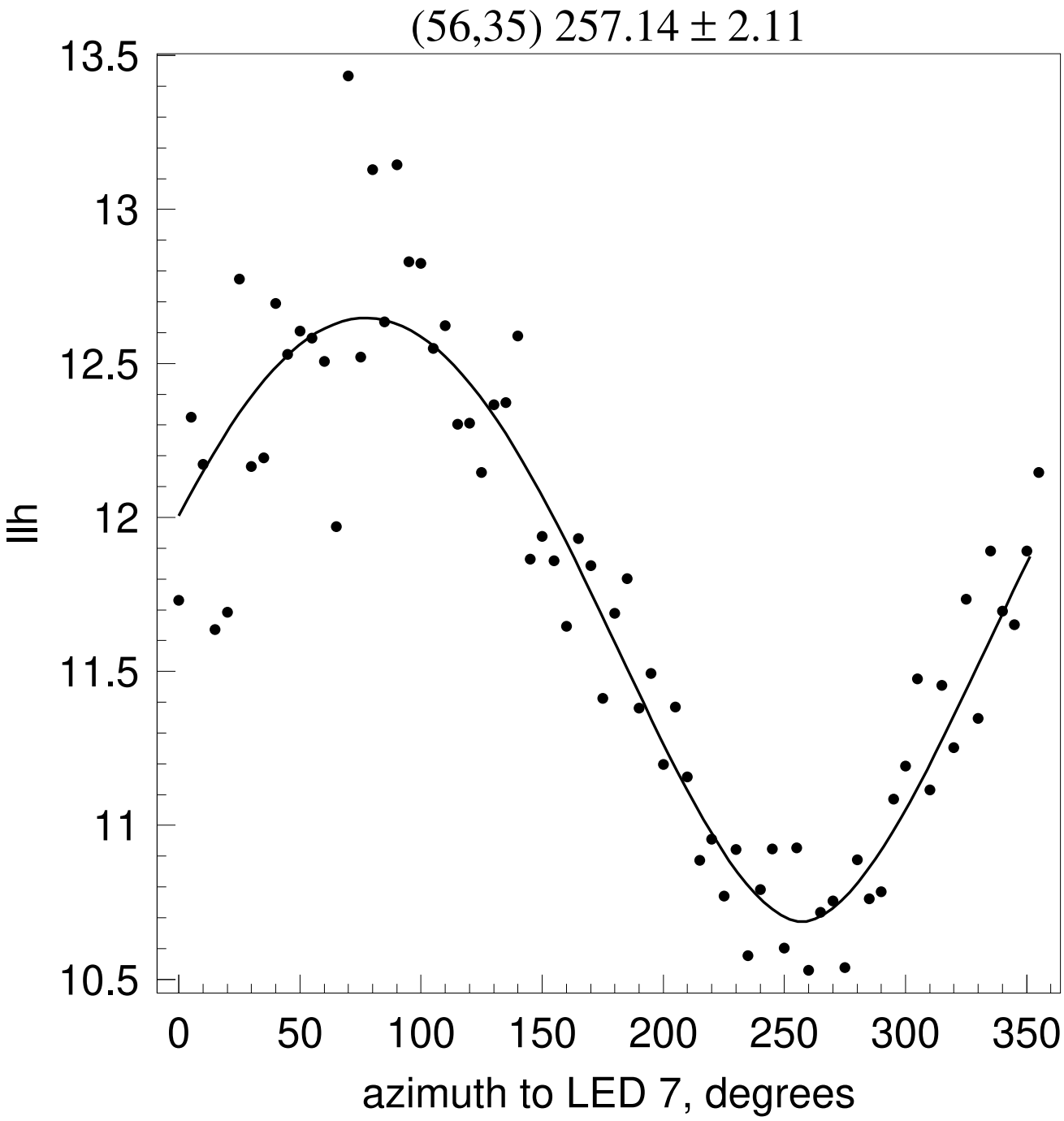

(56,30) 231.03 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

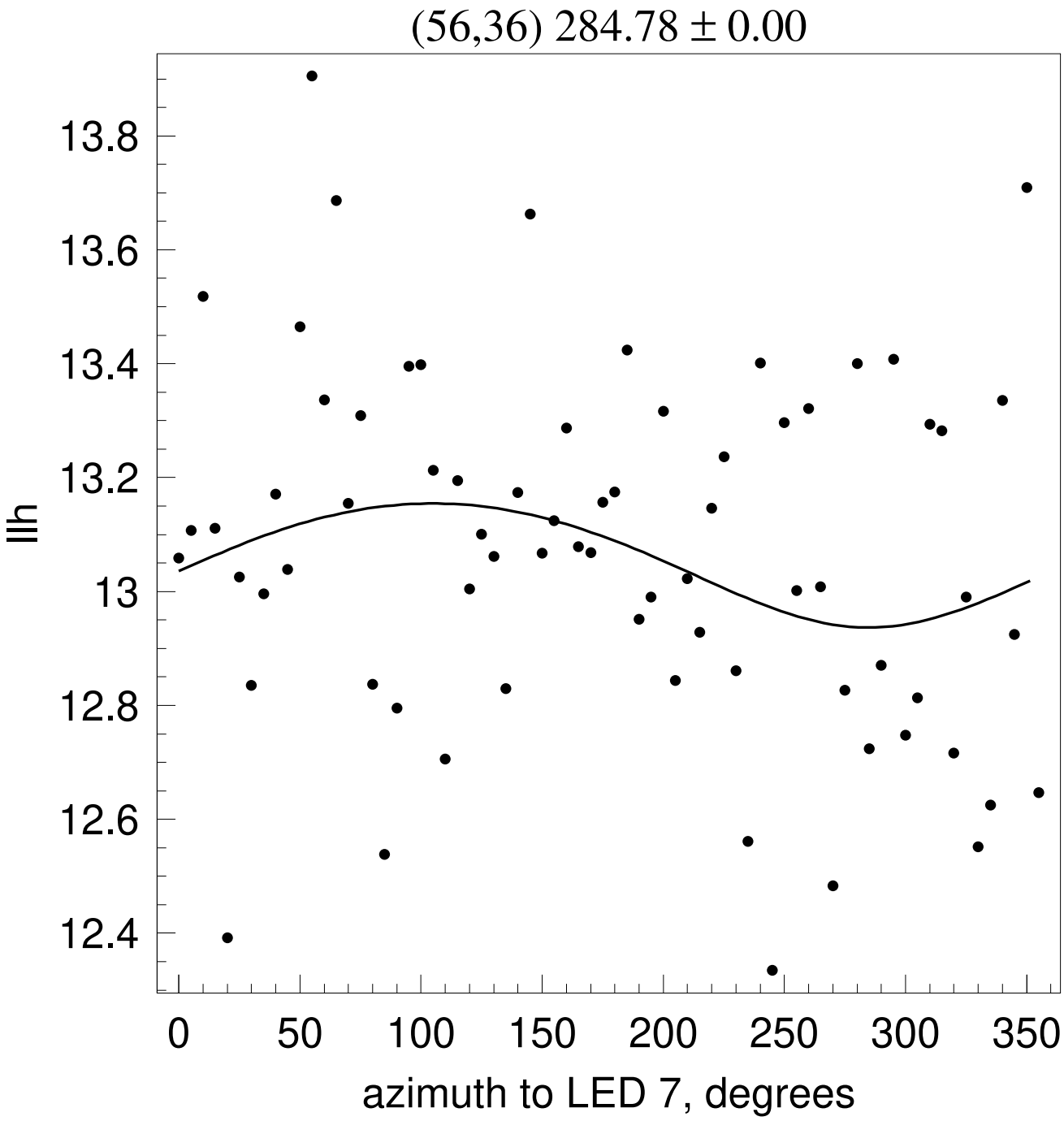

(56,31) 49.74 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

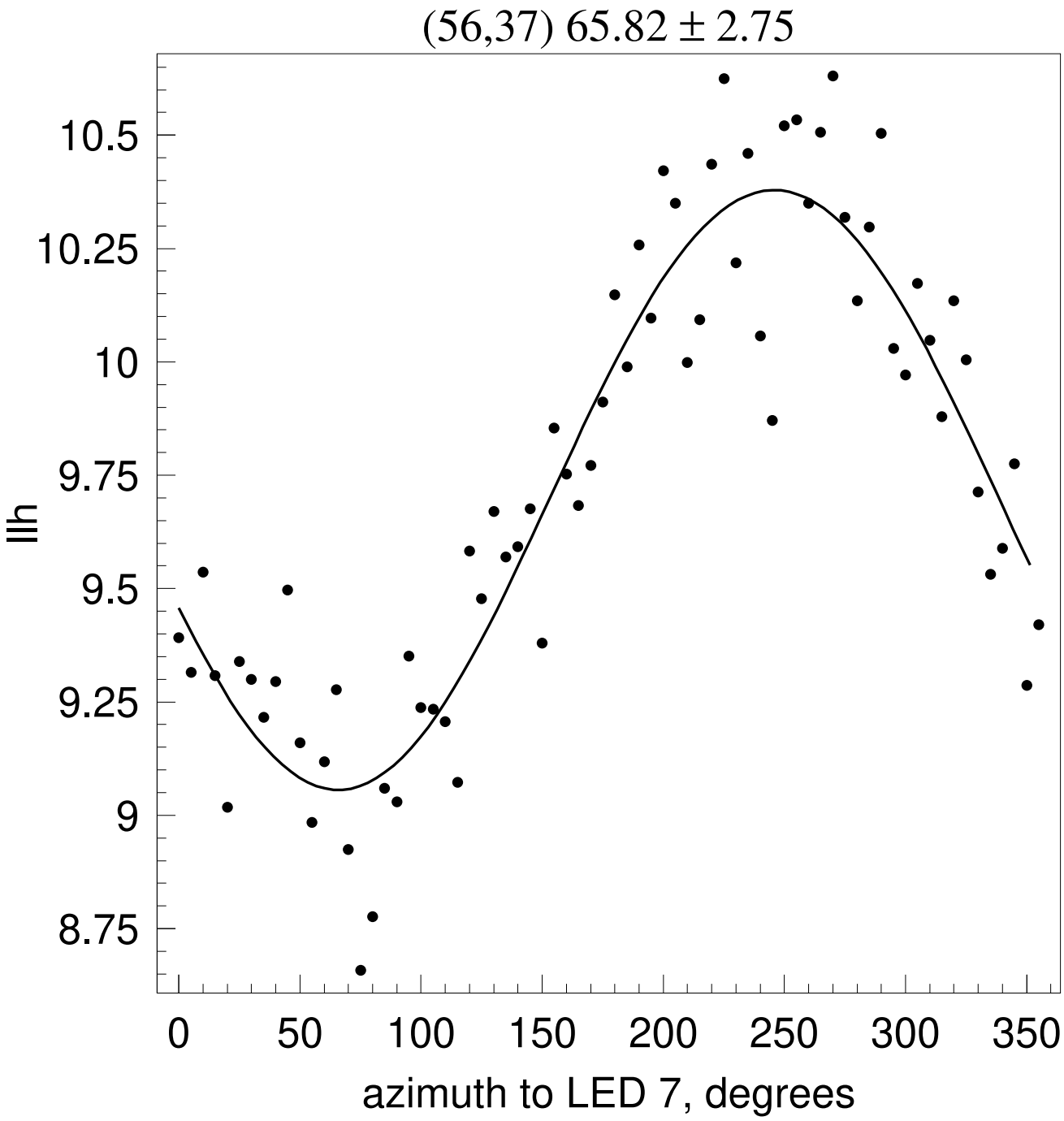

(56,32) 56.15 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

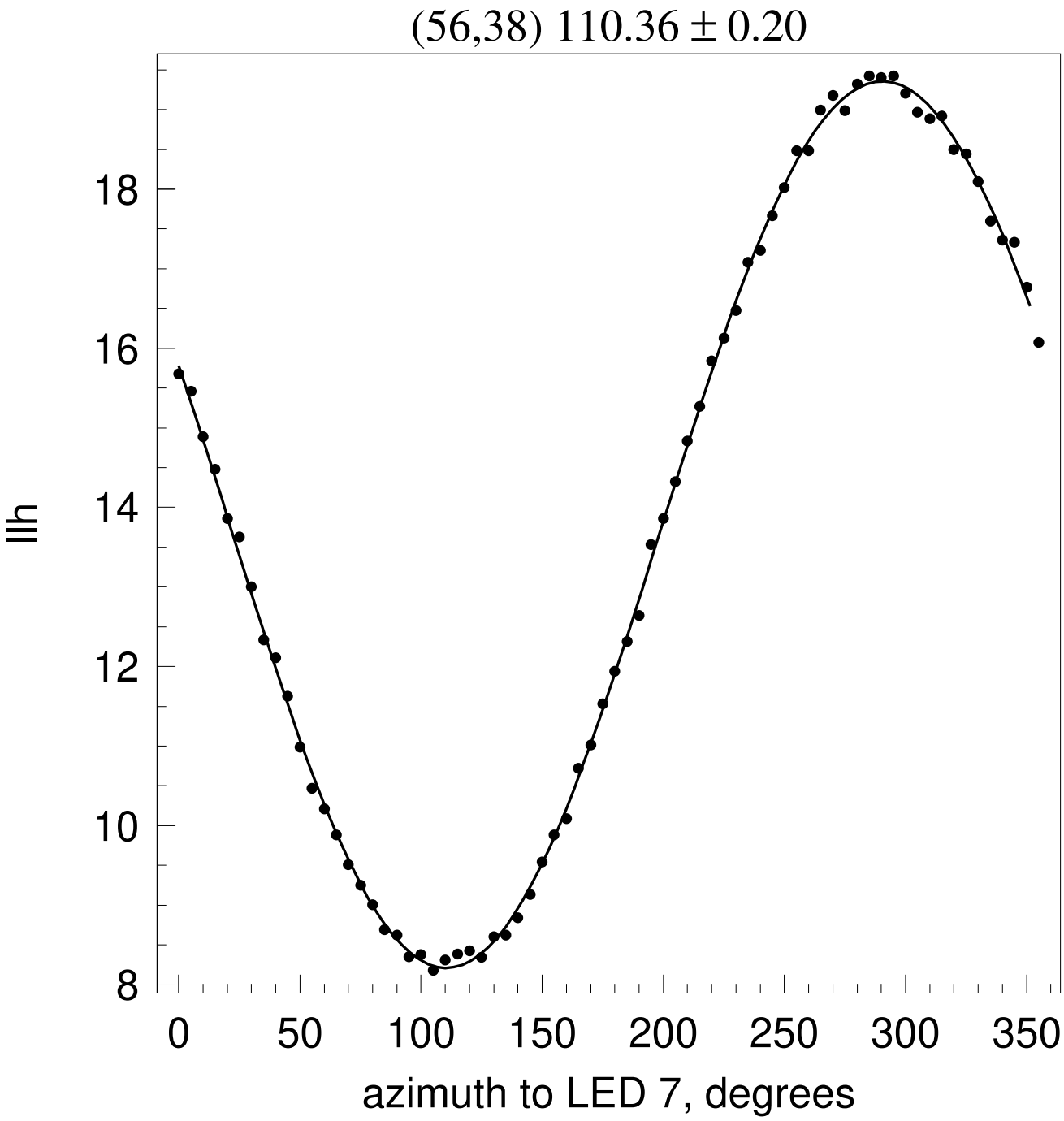

(56,33) 335.83 ± 0.28
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

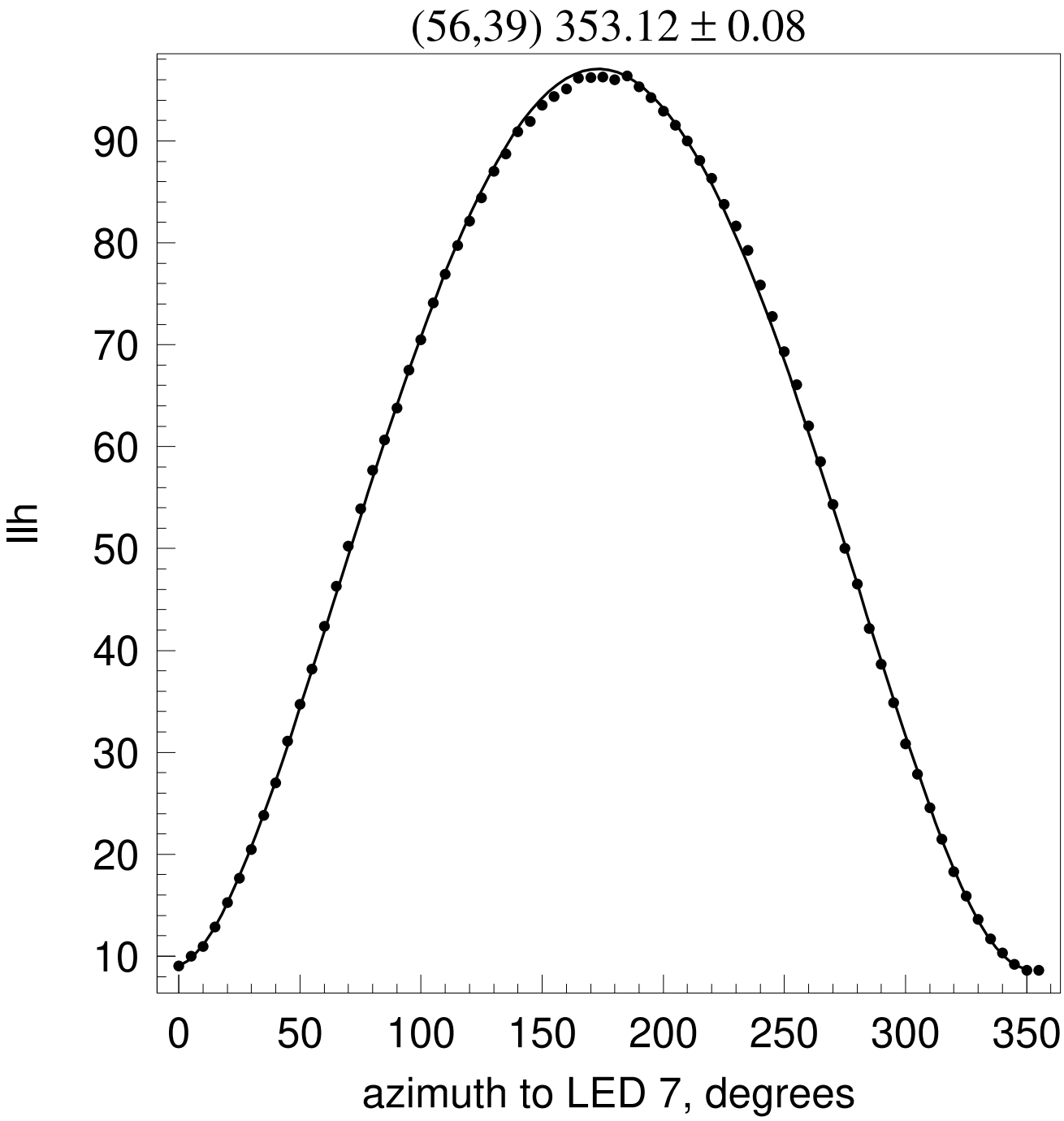

(56,34) 119.50 ± 0.87
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

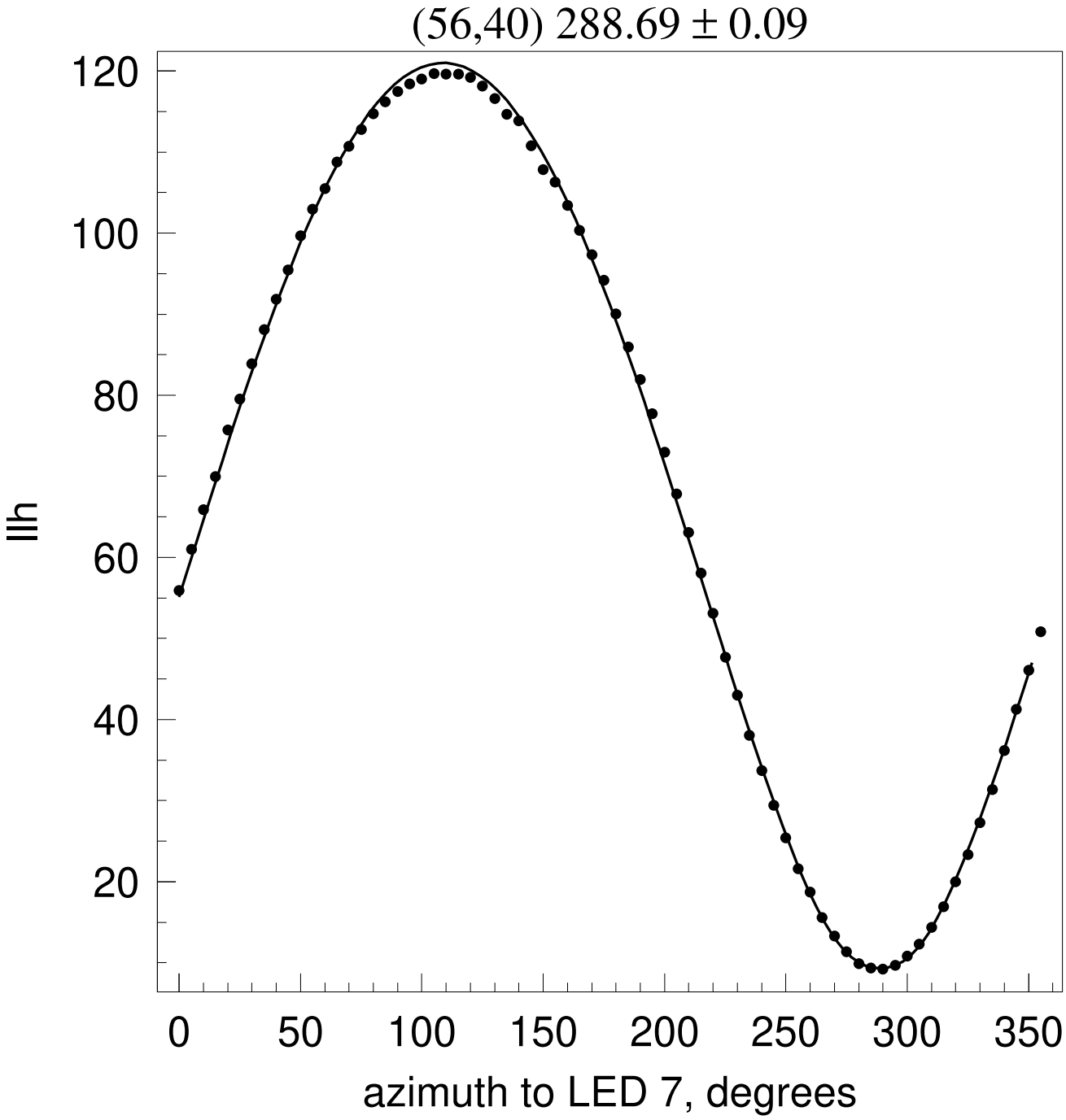

(56,35) 257.14 ± 2.11
13.5
13
12.5
12
11.5
11
10.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

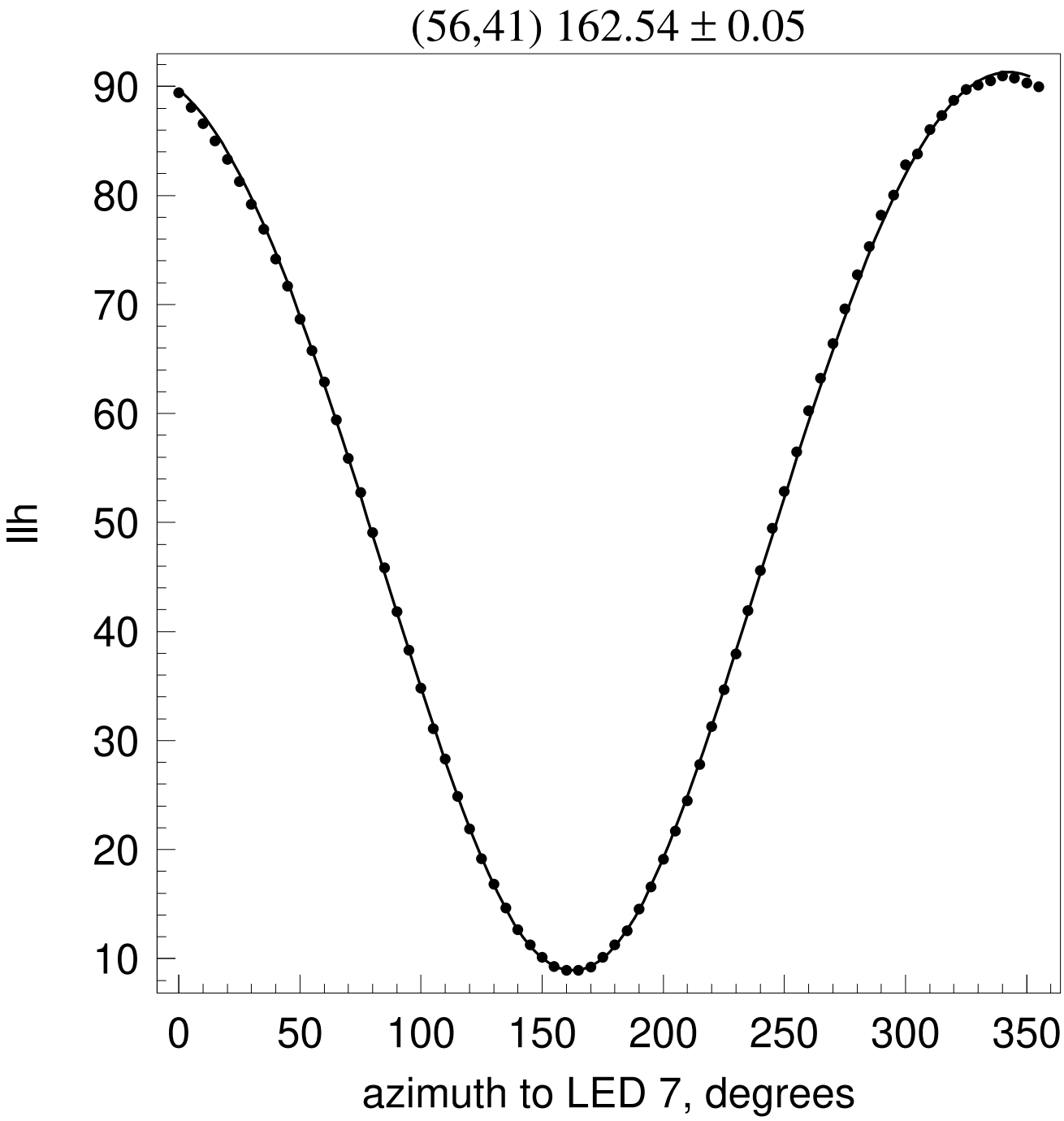

(56,36) 284.78 ± 0.00
13.8
13.6
13.4
13.2
13
12.8
12.6
12.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

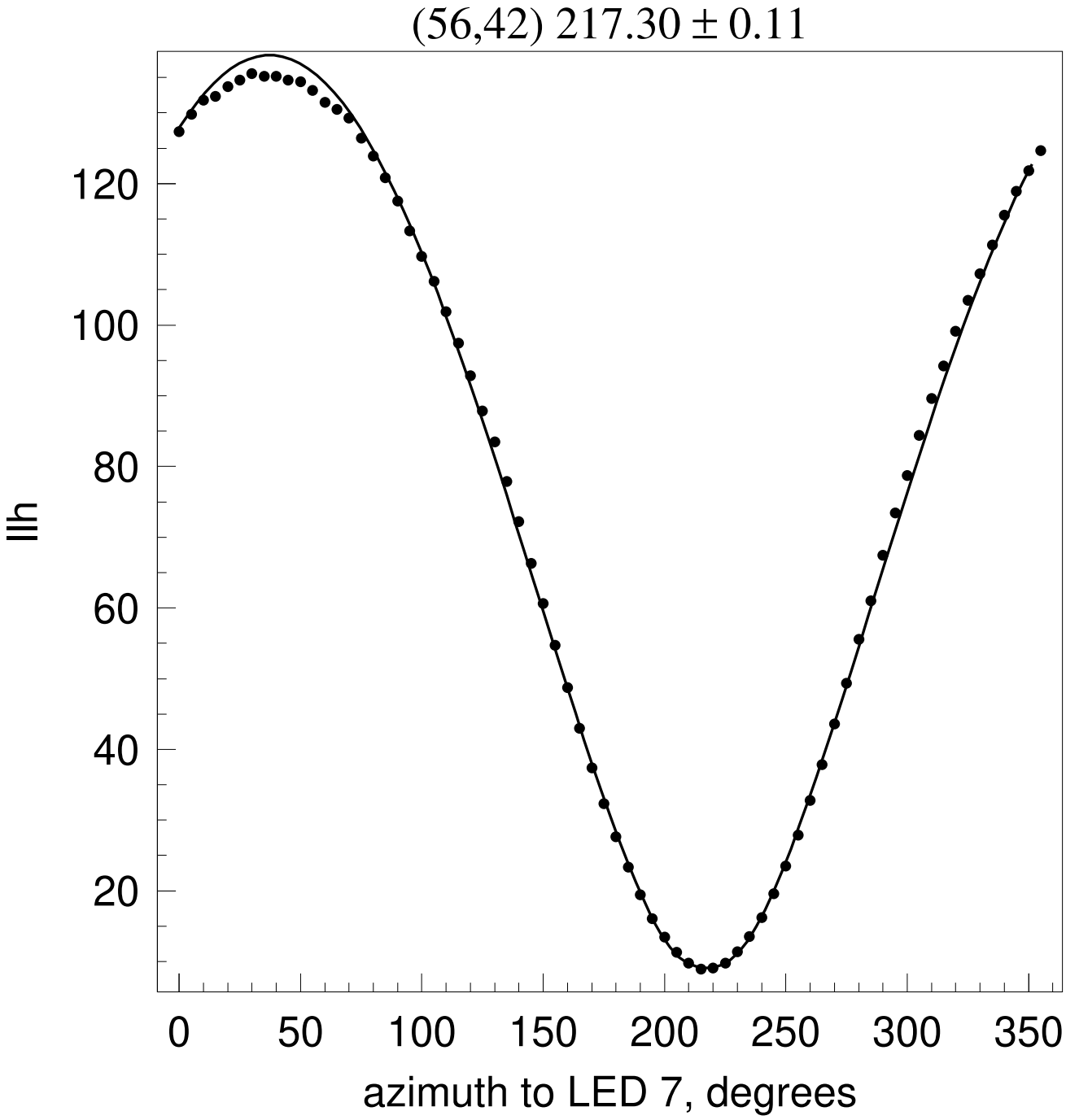

(56,37) 65.82 ± 2.75
10.5
10.25
10
9.75
9.5
9.25
9
8.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

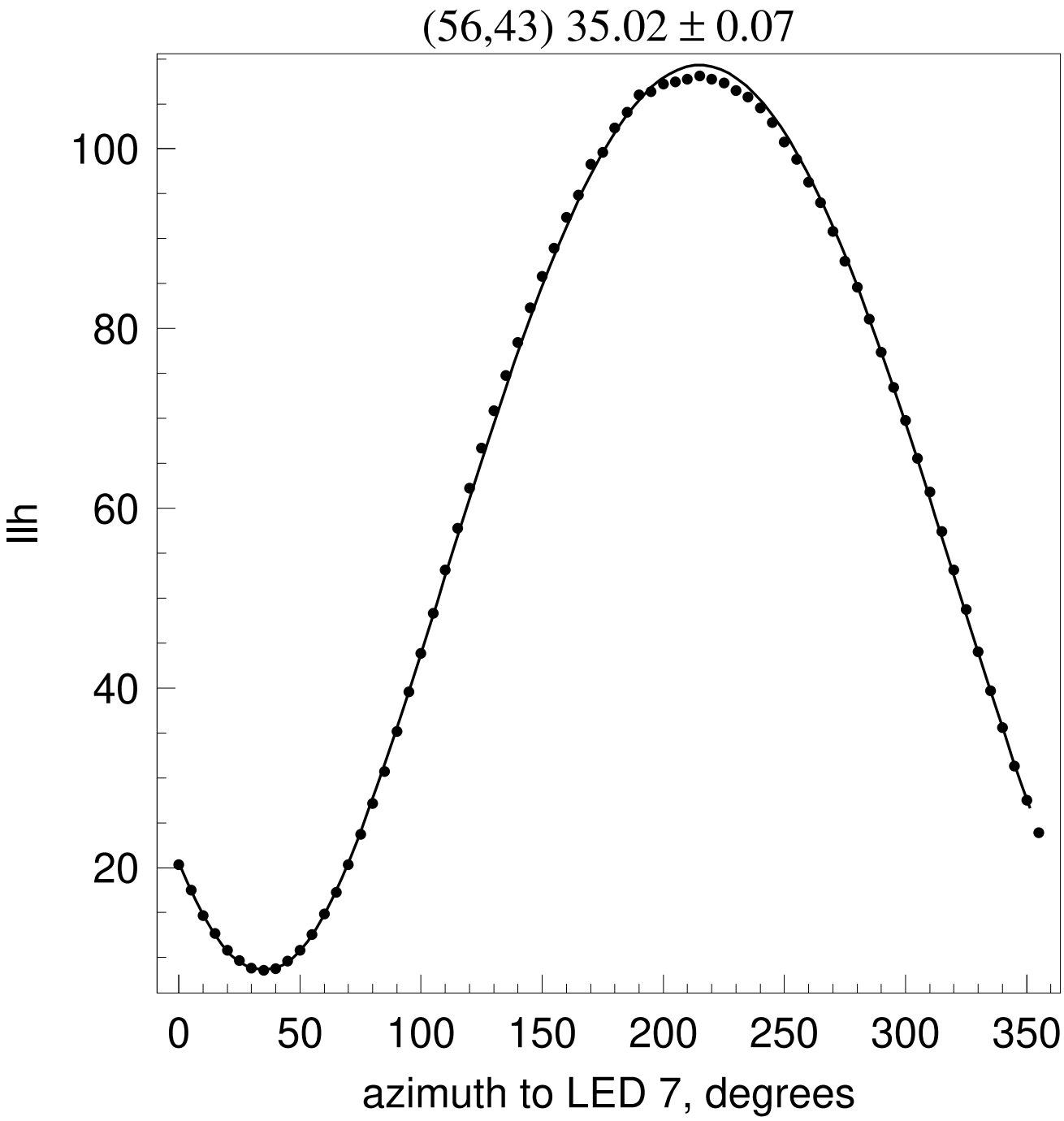

(56,38) 110.36 ± 0.20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

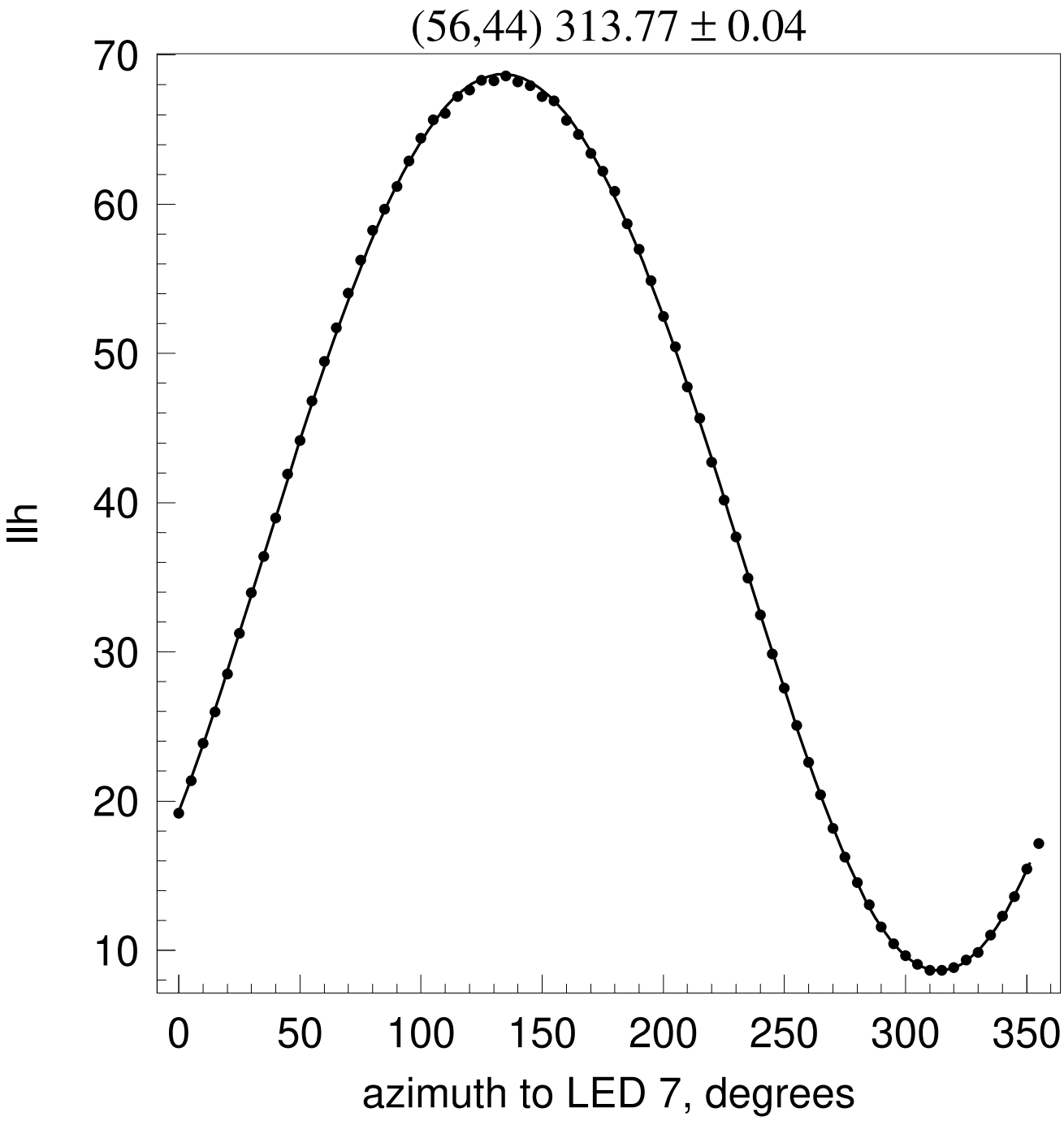

(56,39) 353.12 ± 0.08
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

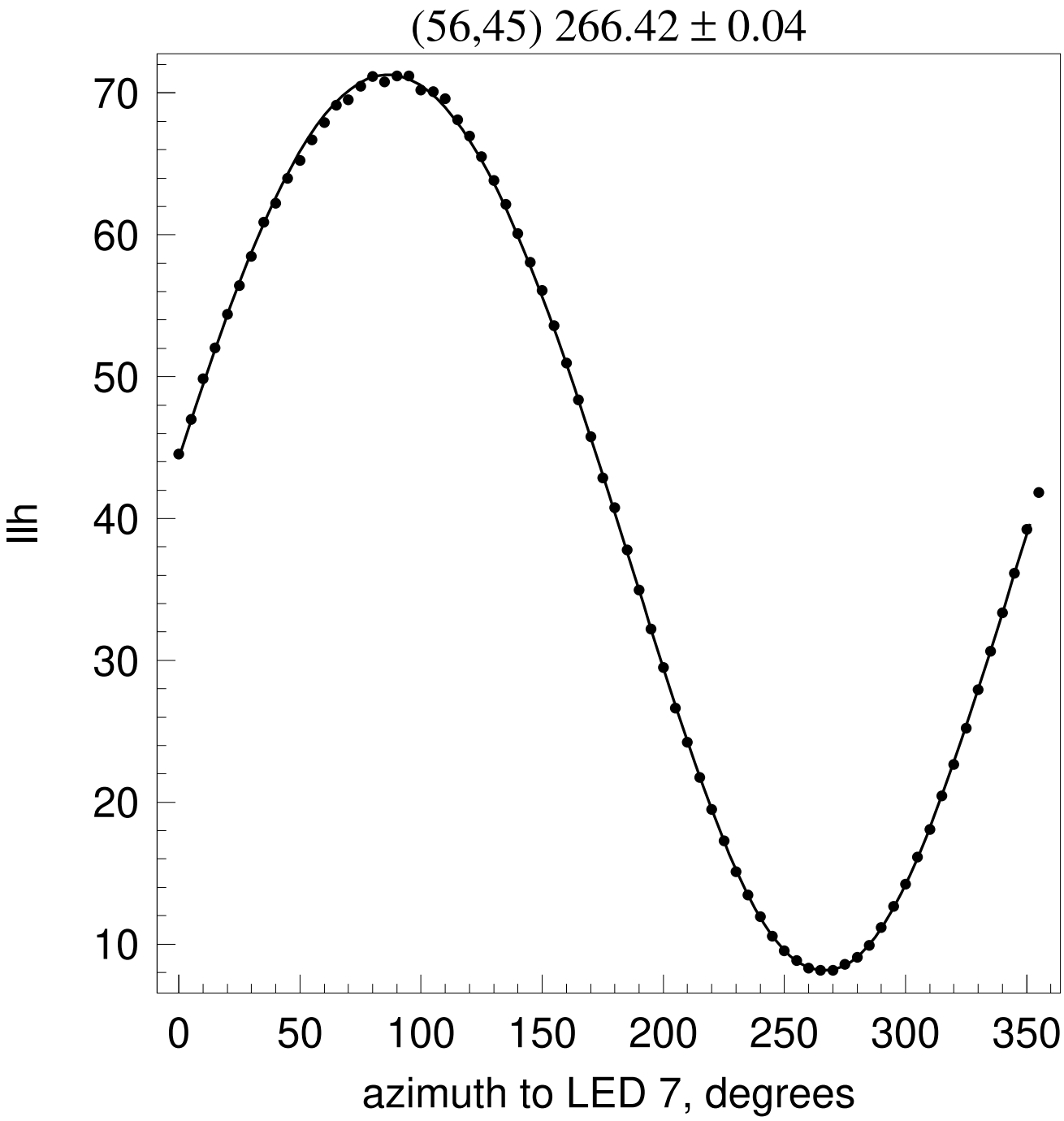

(56,40) 288.69 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

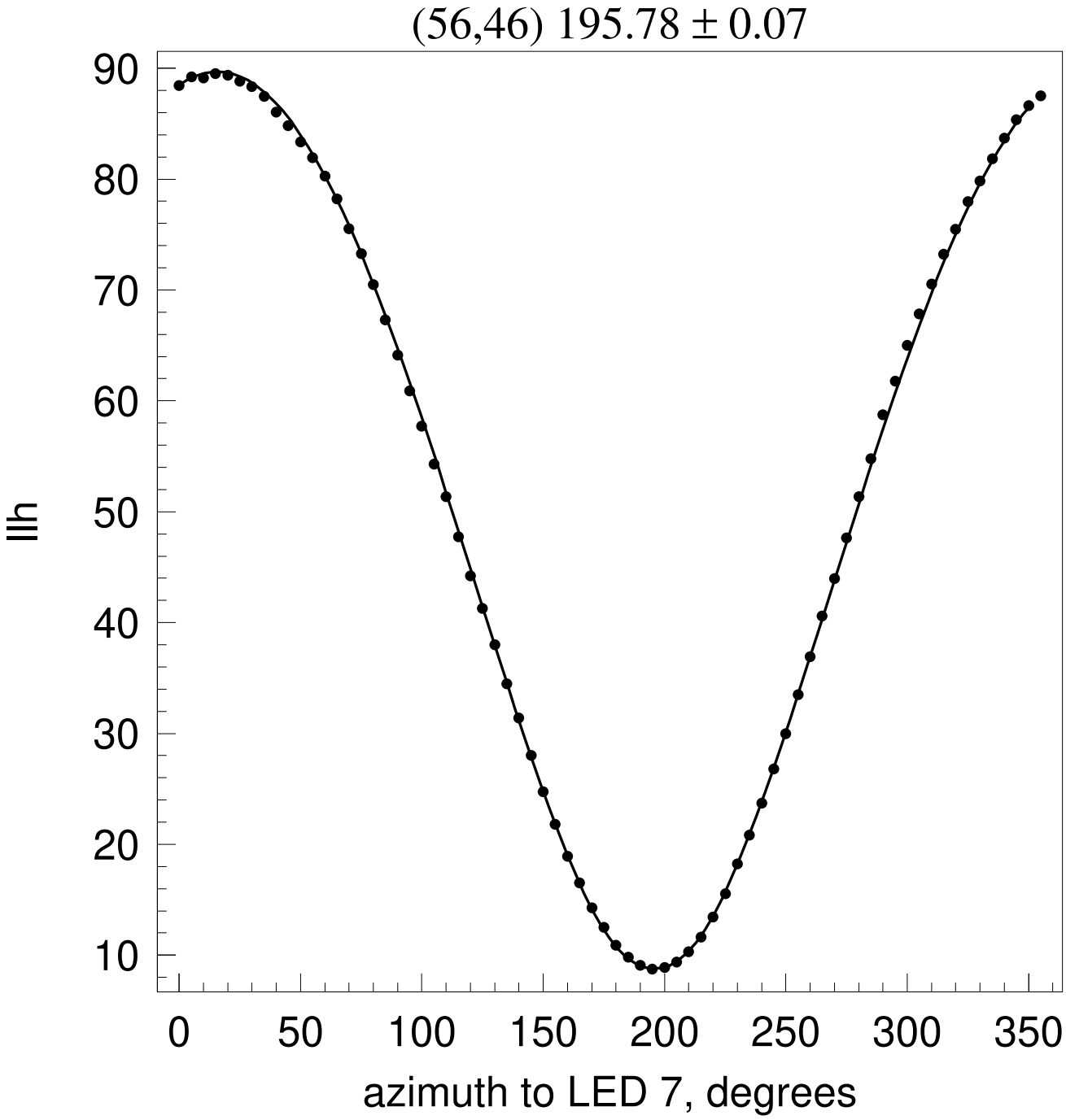

(56,41) 162.54 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

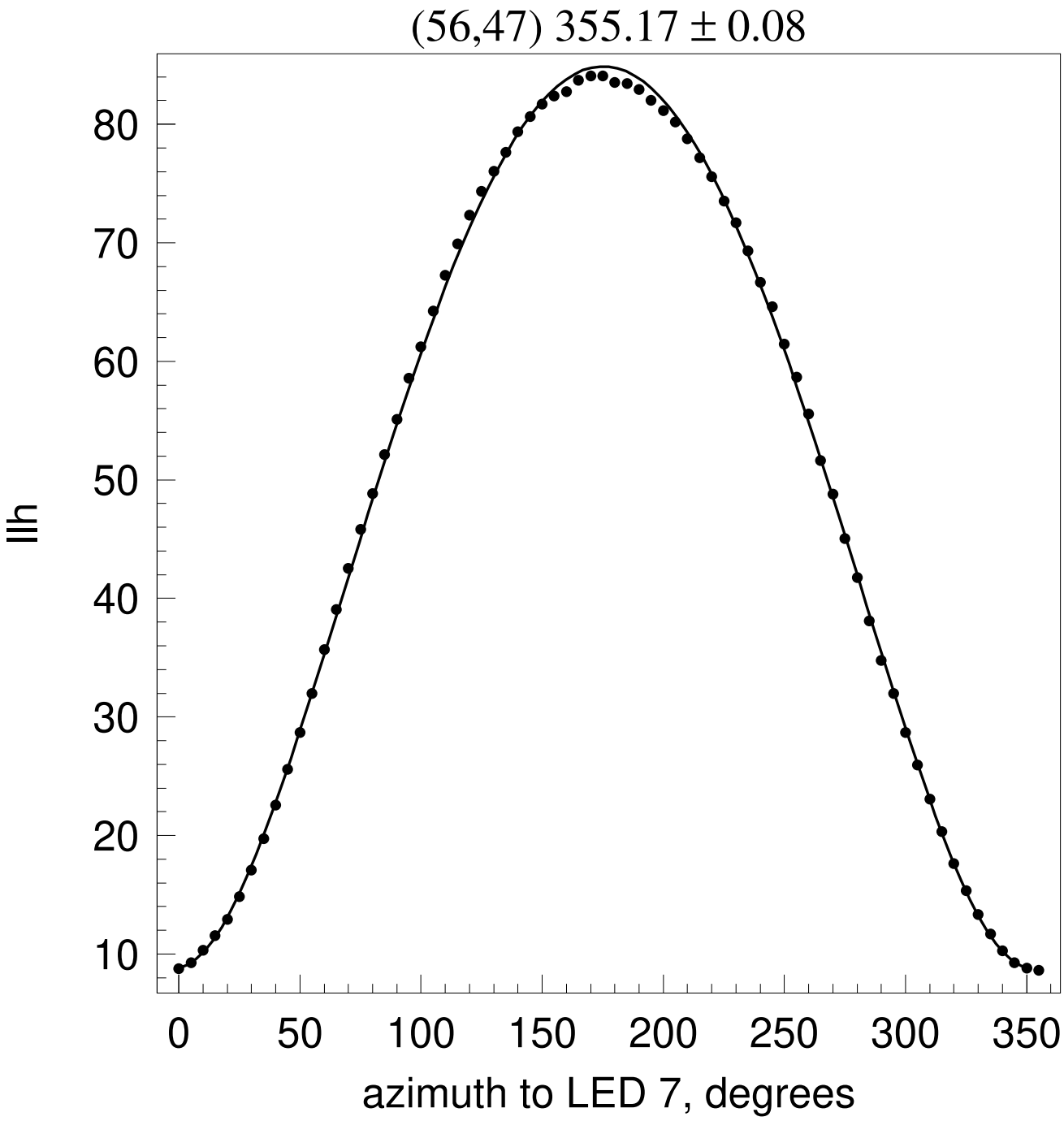

(56,42) 217.30 ± 0.11
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

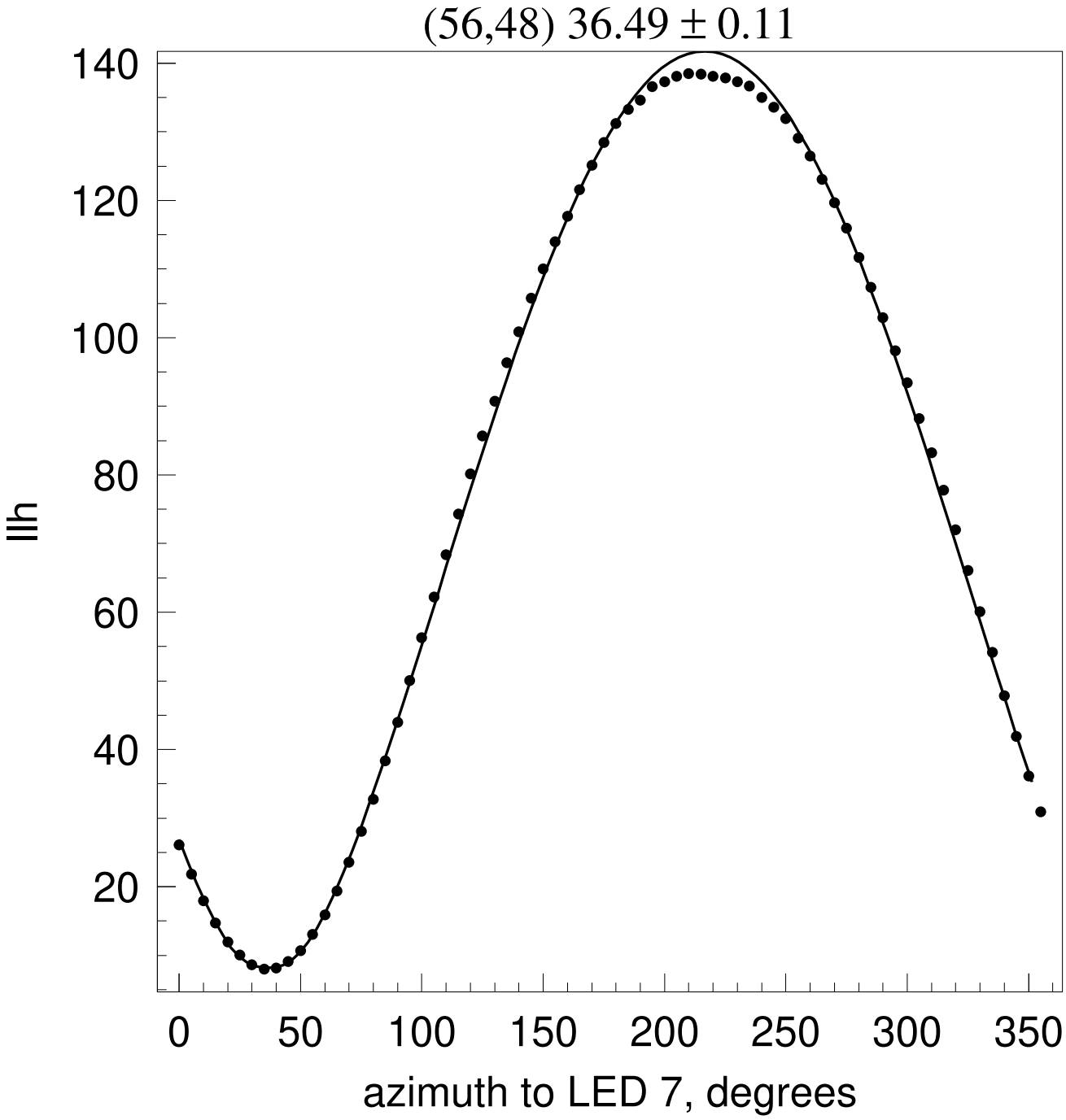

(56,43) 35.02 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

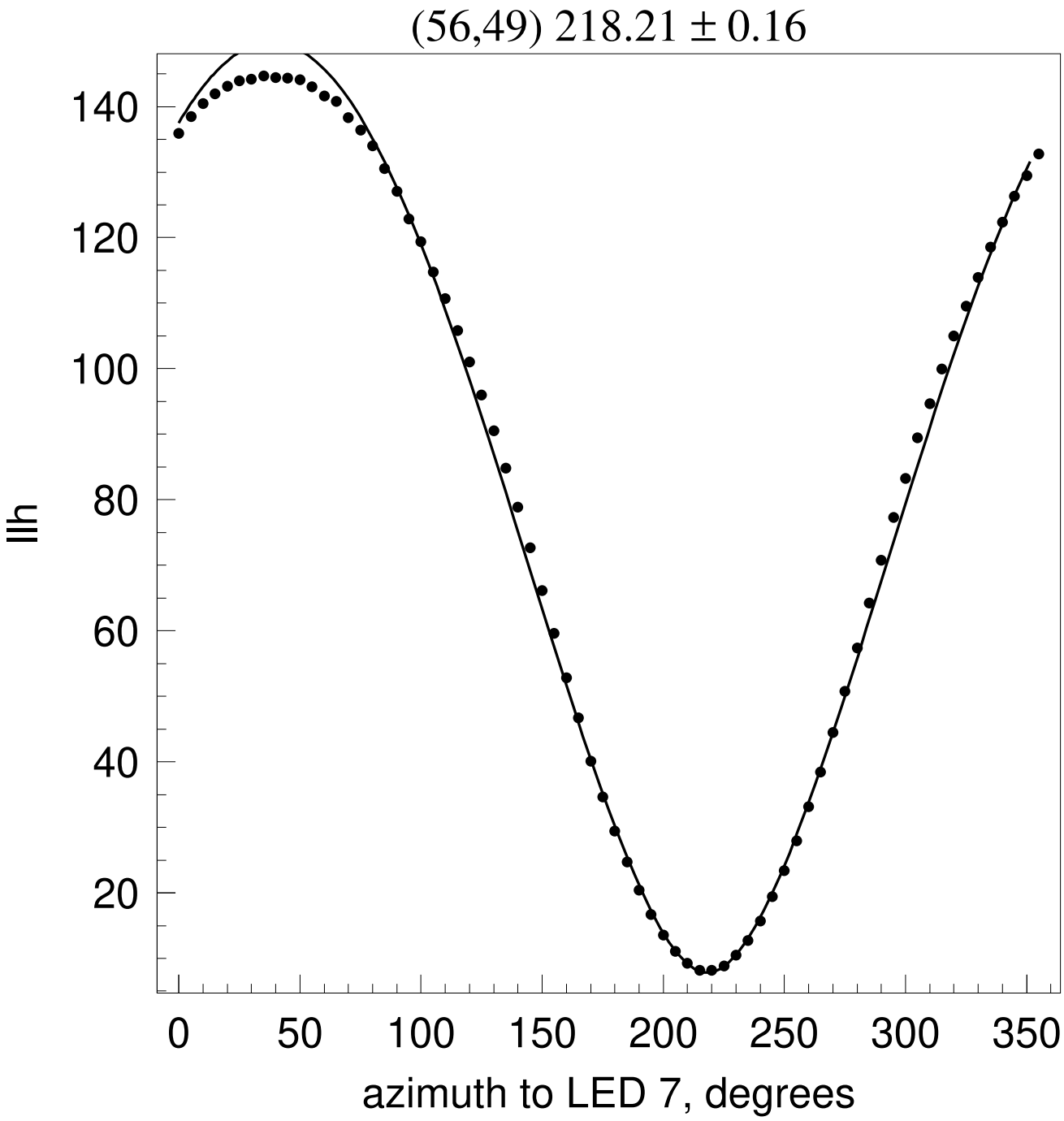

(56,44) 313.77 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

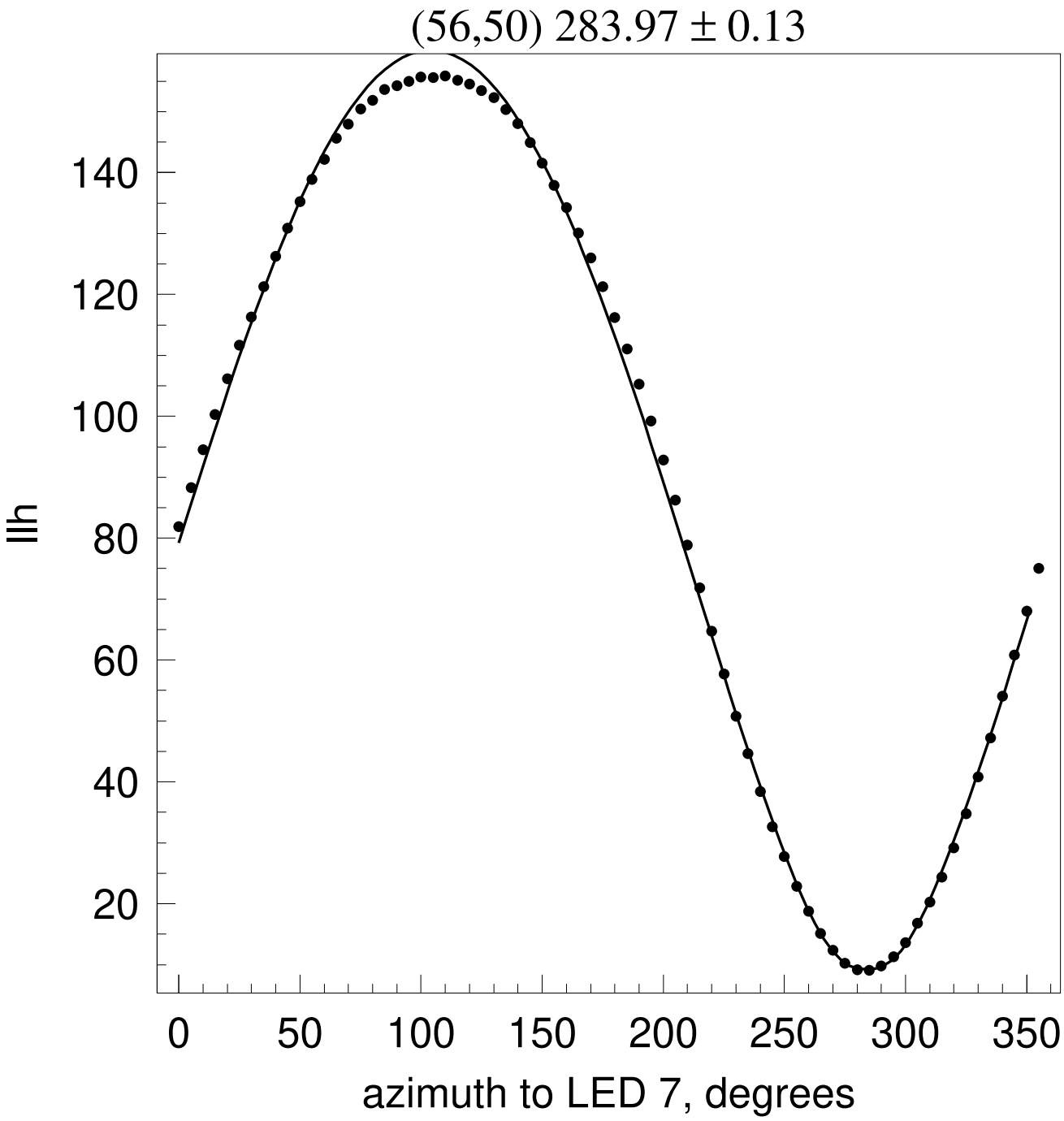

(56,45) 266.42 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

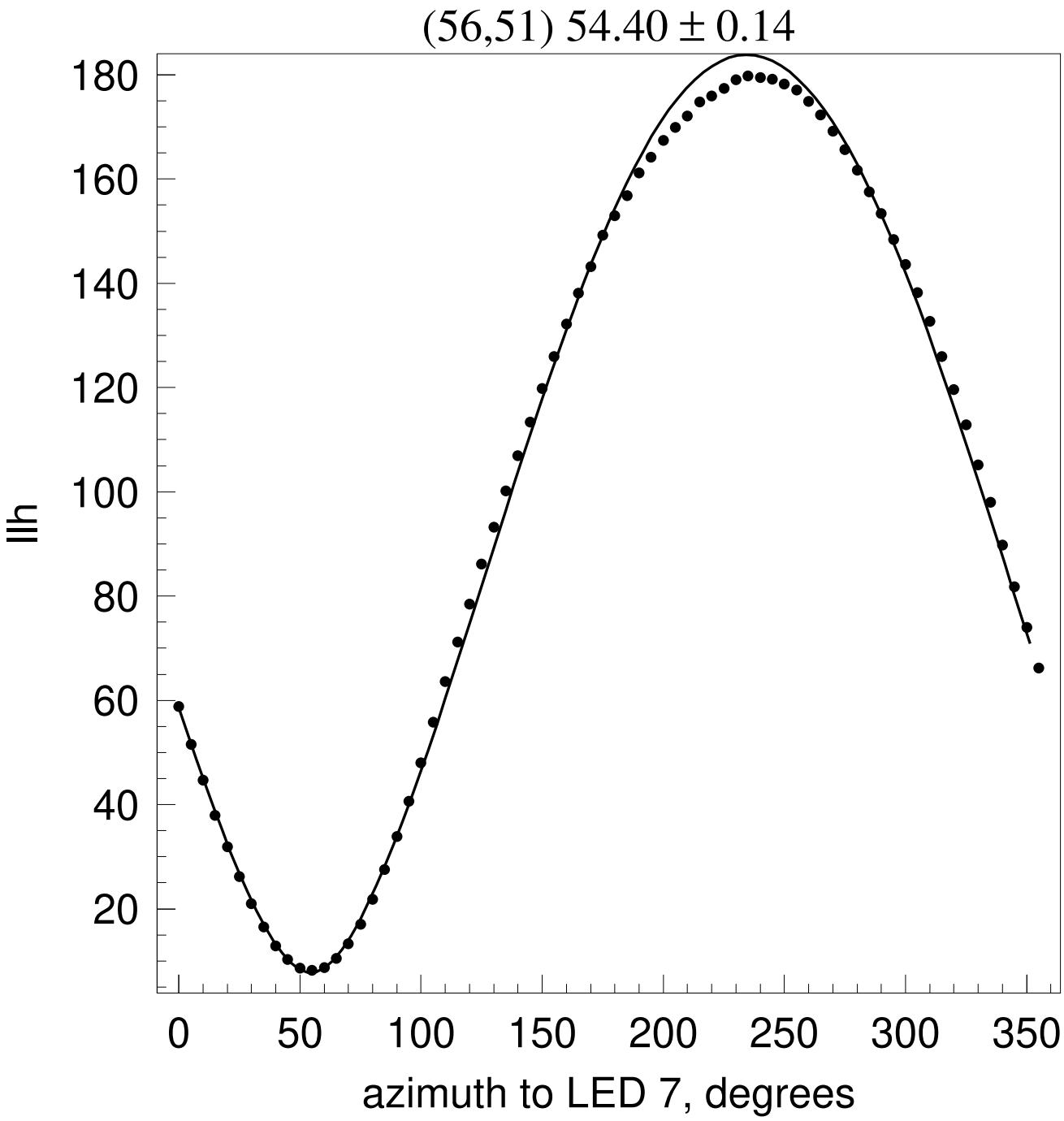

(56,46) 195.78 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

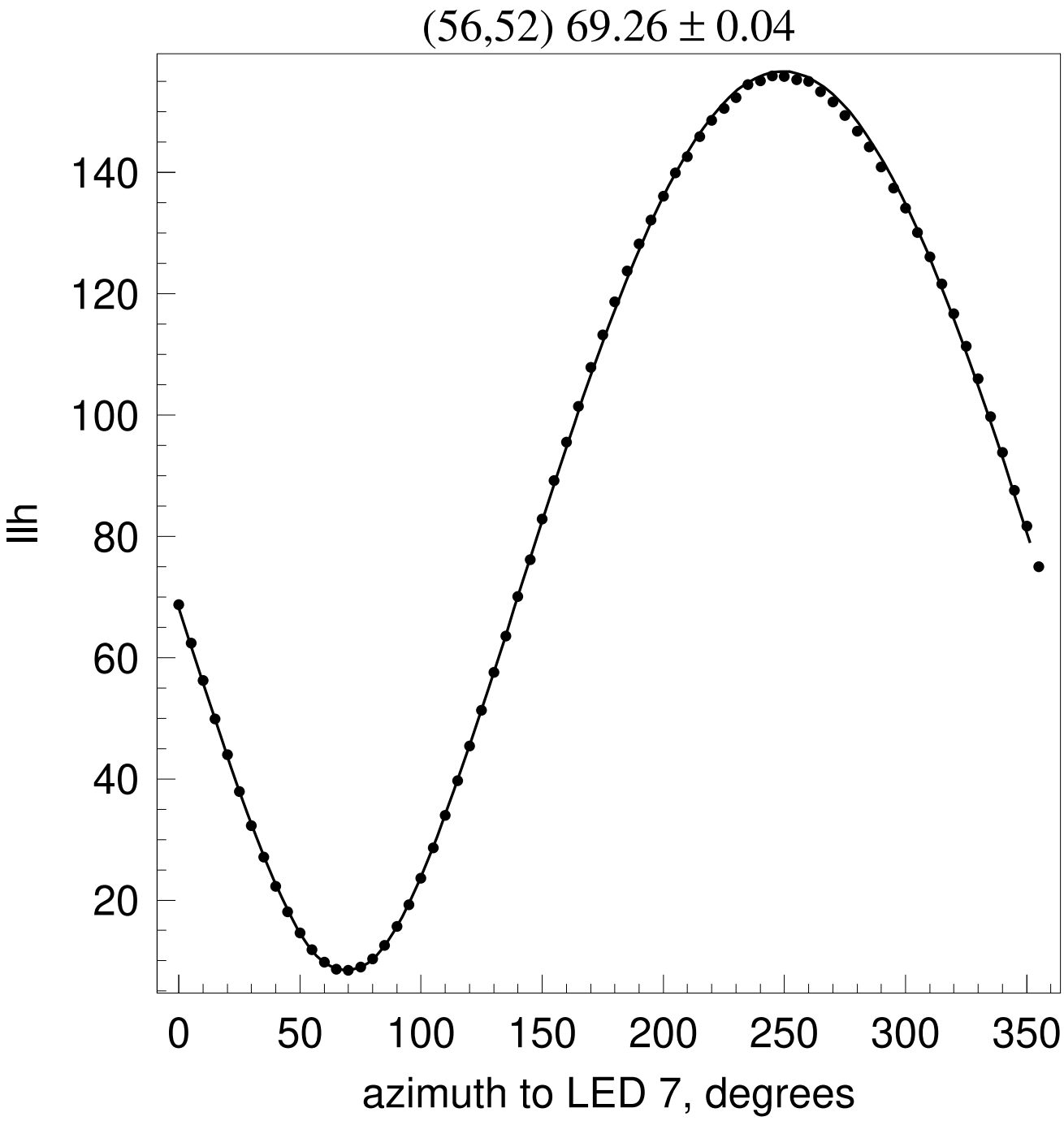

(56,47) 355.17 ± 0.08
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

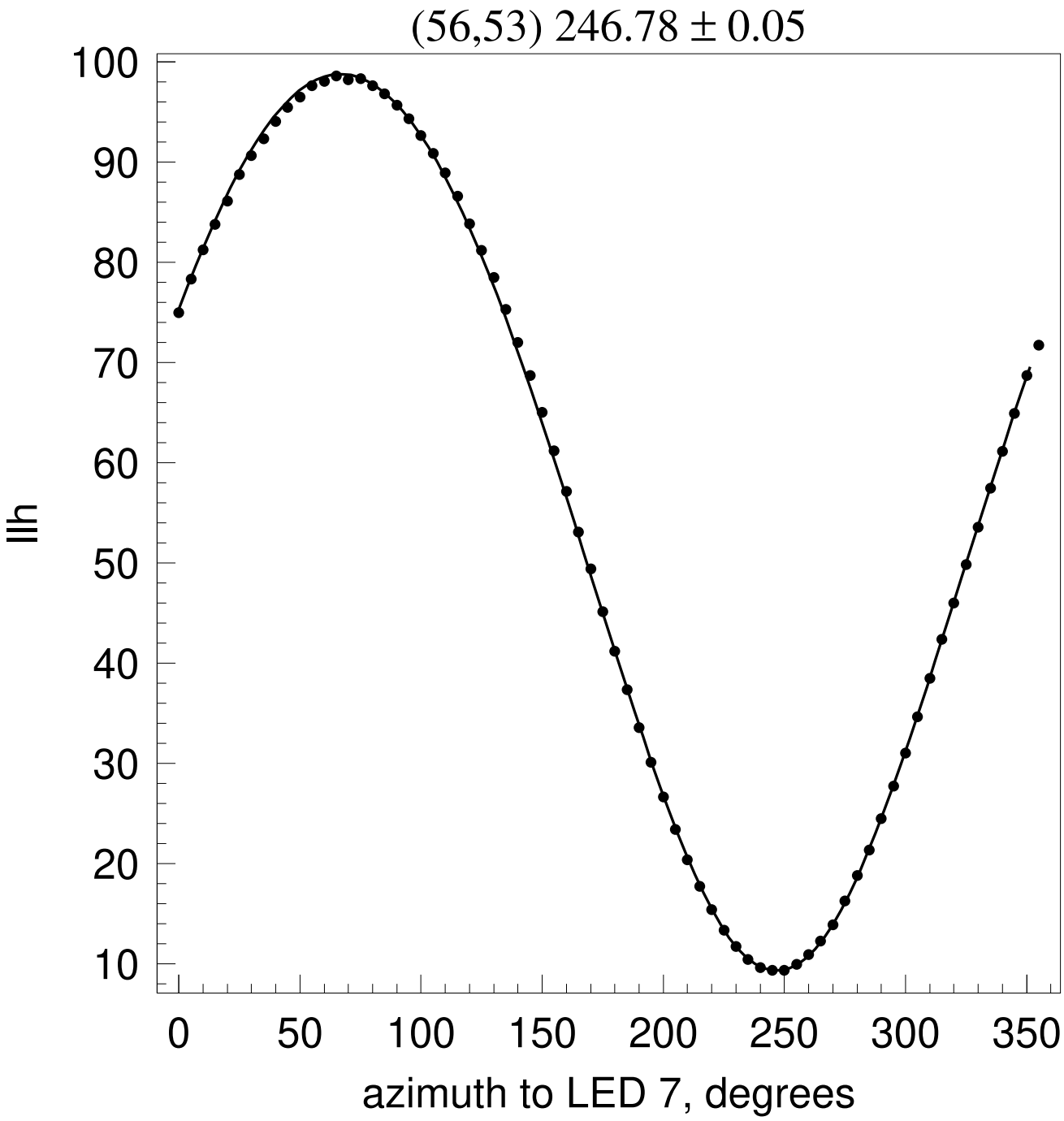

(56,48) 36.49 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

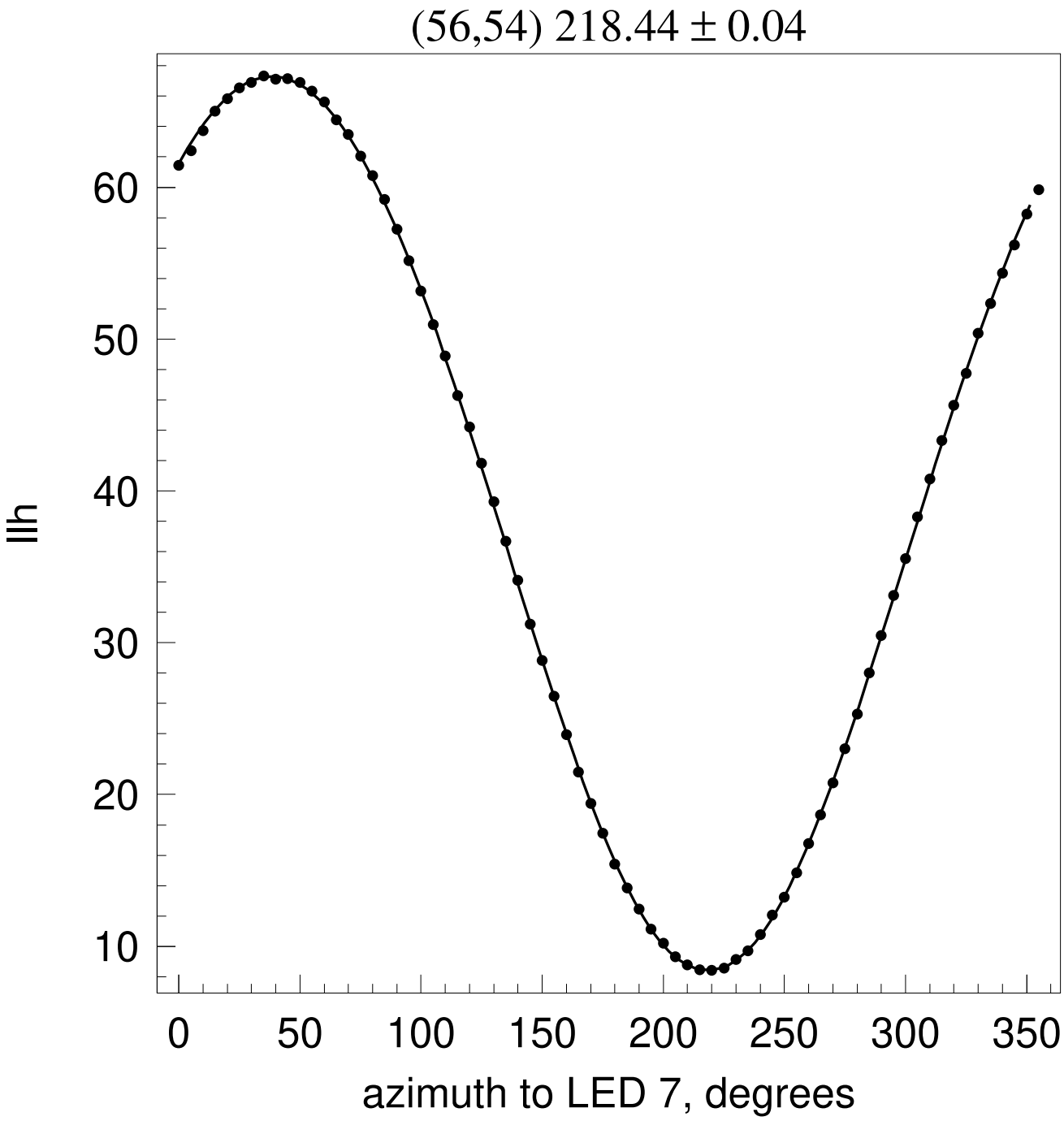

(56,49) 218.21 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

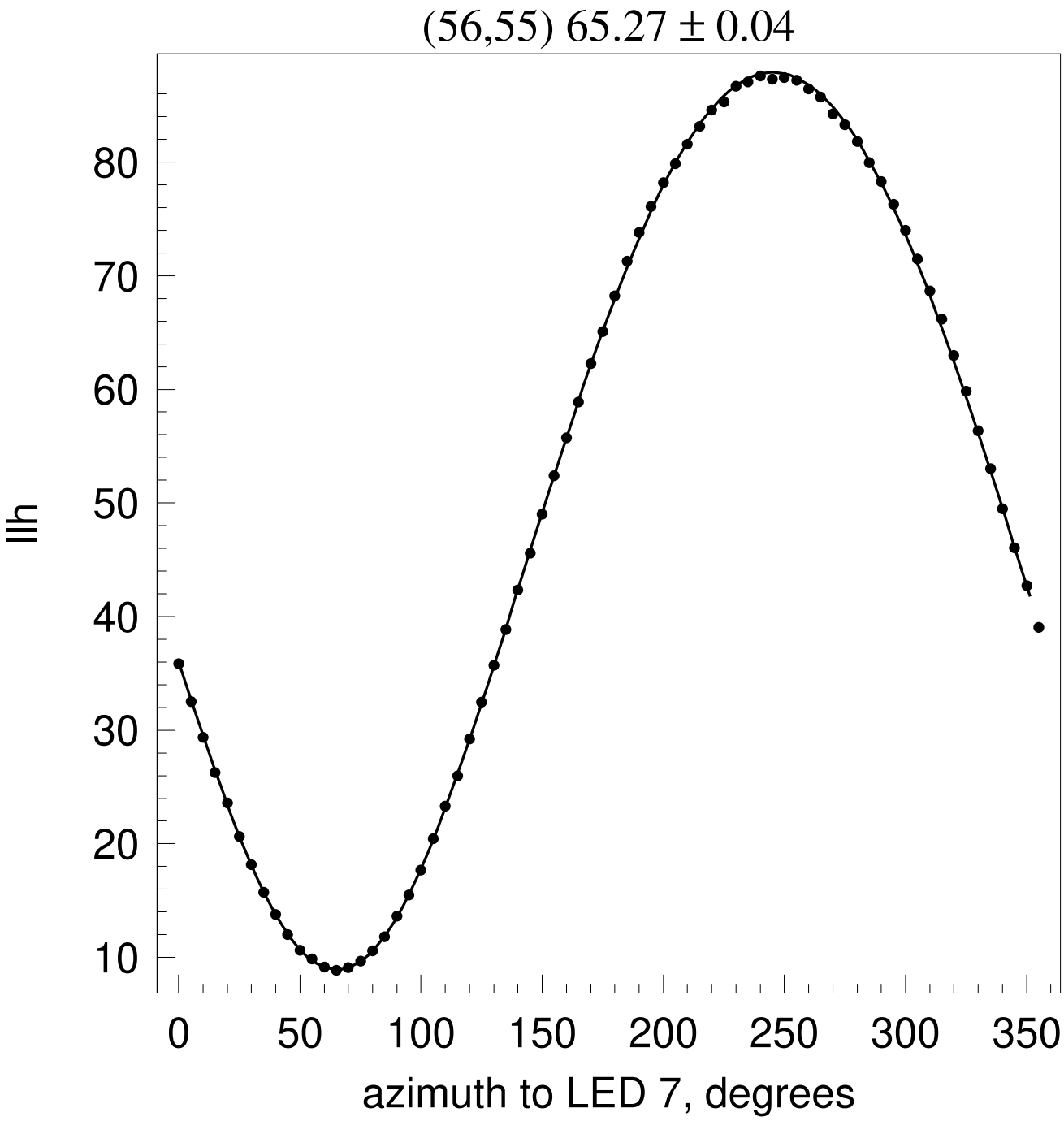

(56,50) 283.97 ± 0.13
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

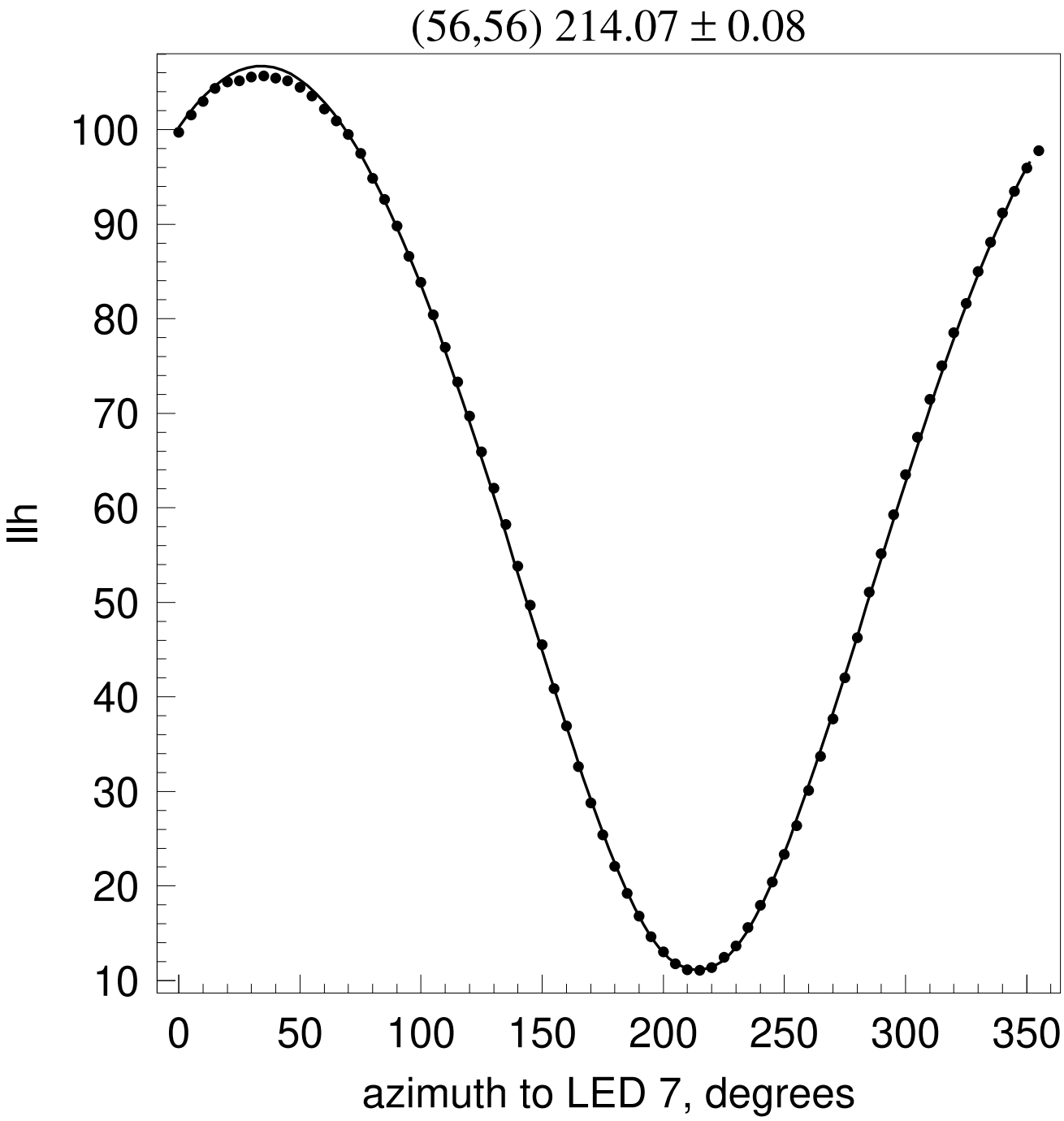

(56,51) 54.40 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

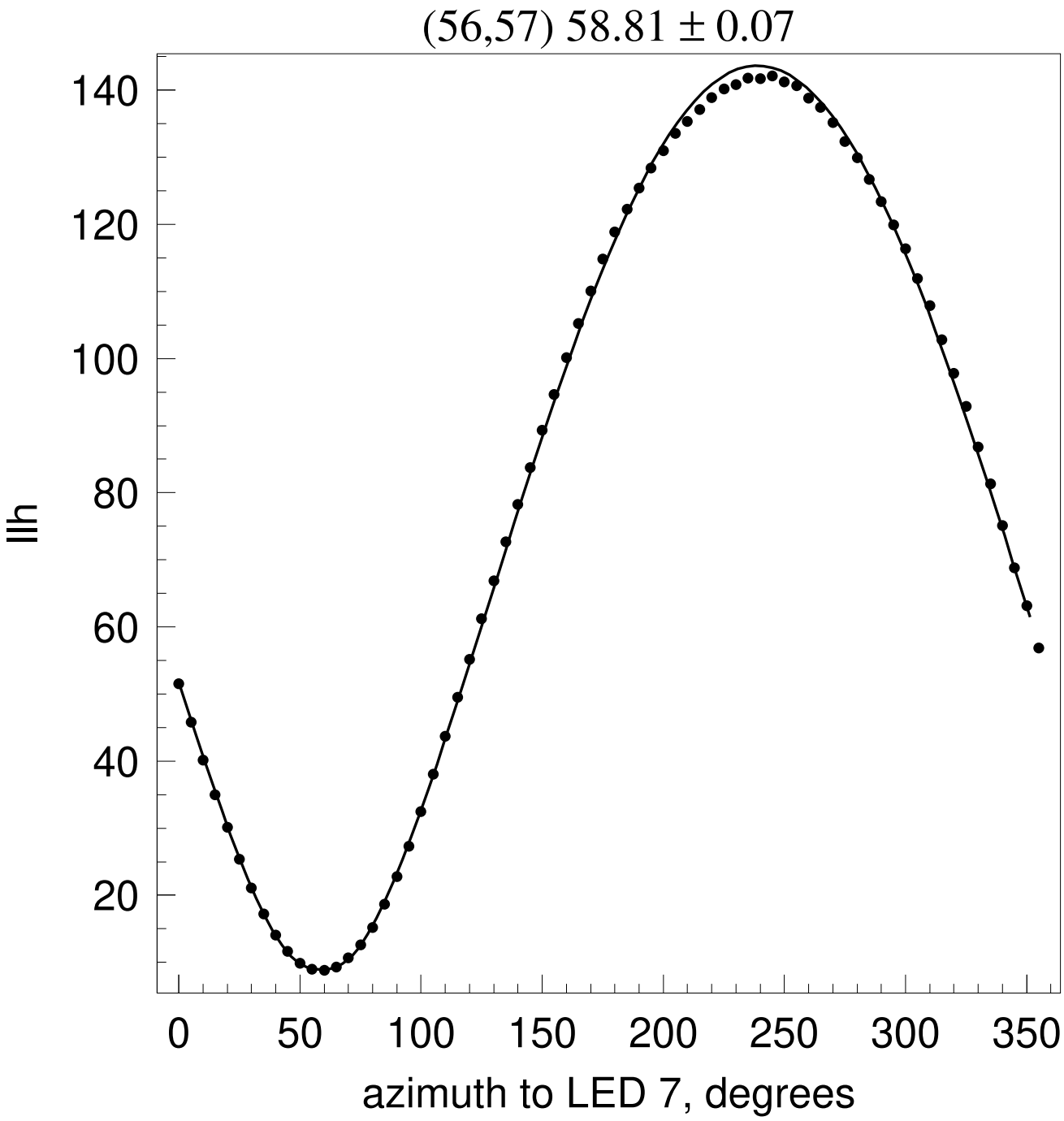

(56,52) 69.26 ± 0.04
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

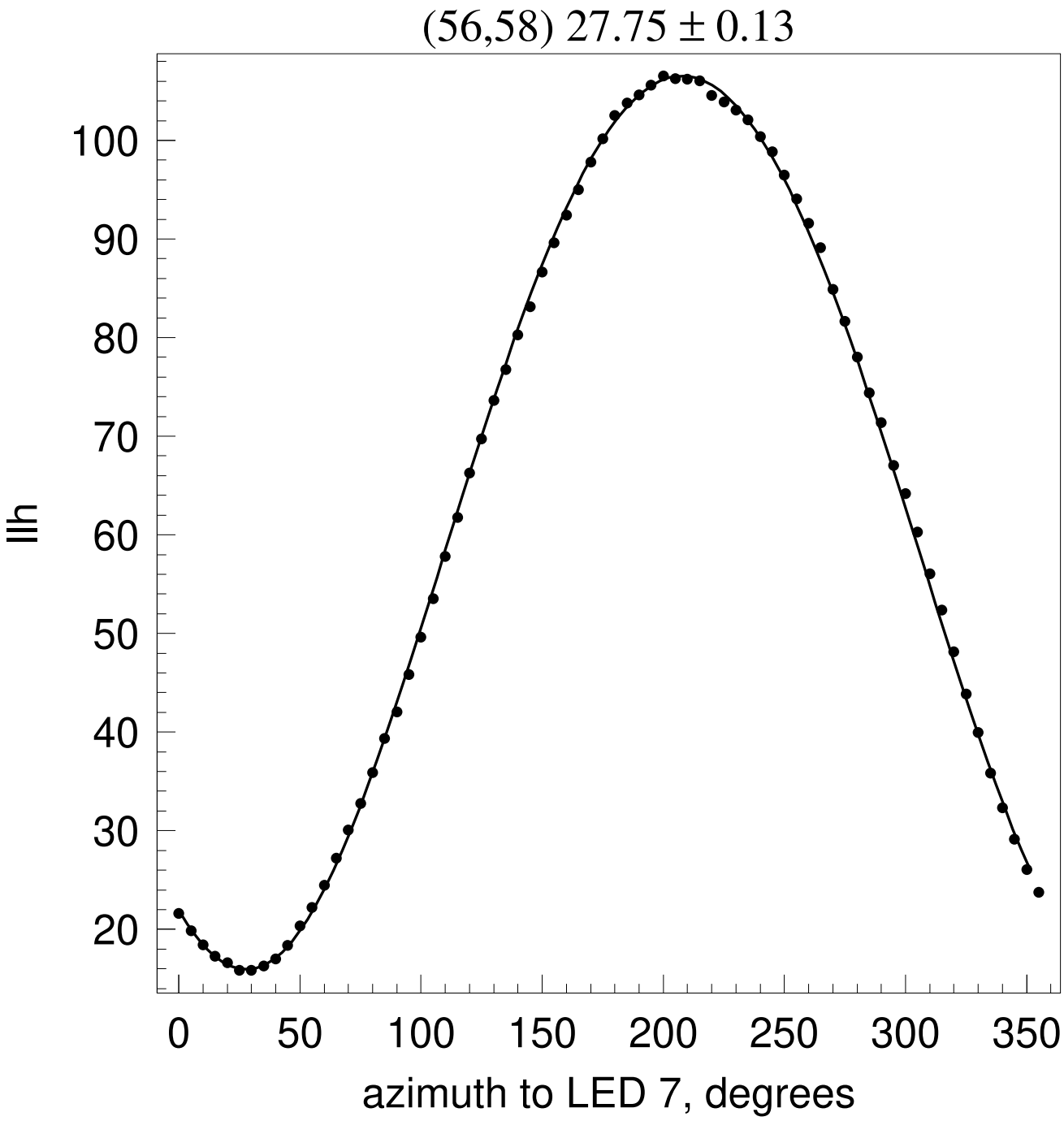

(56,53) 246.78 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

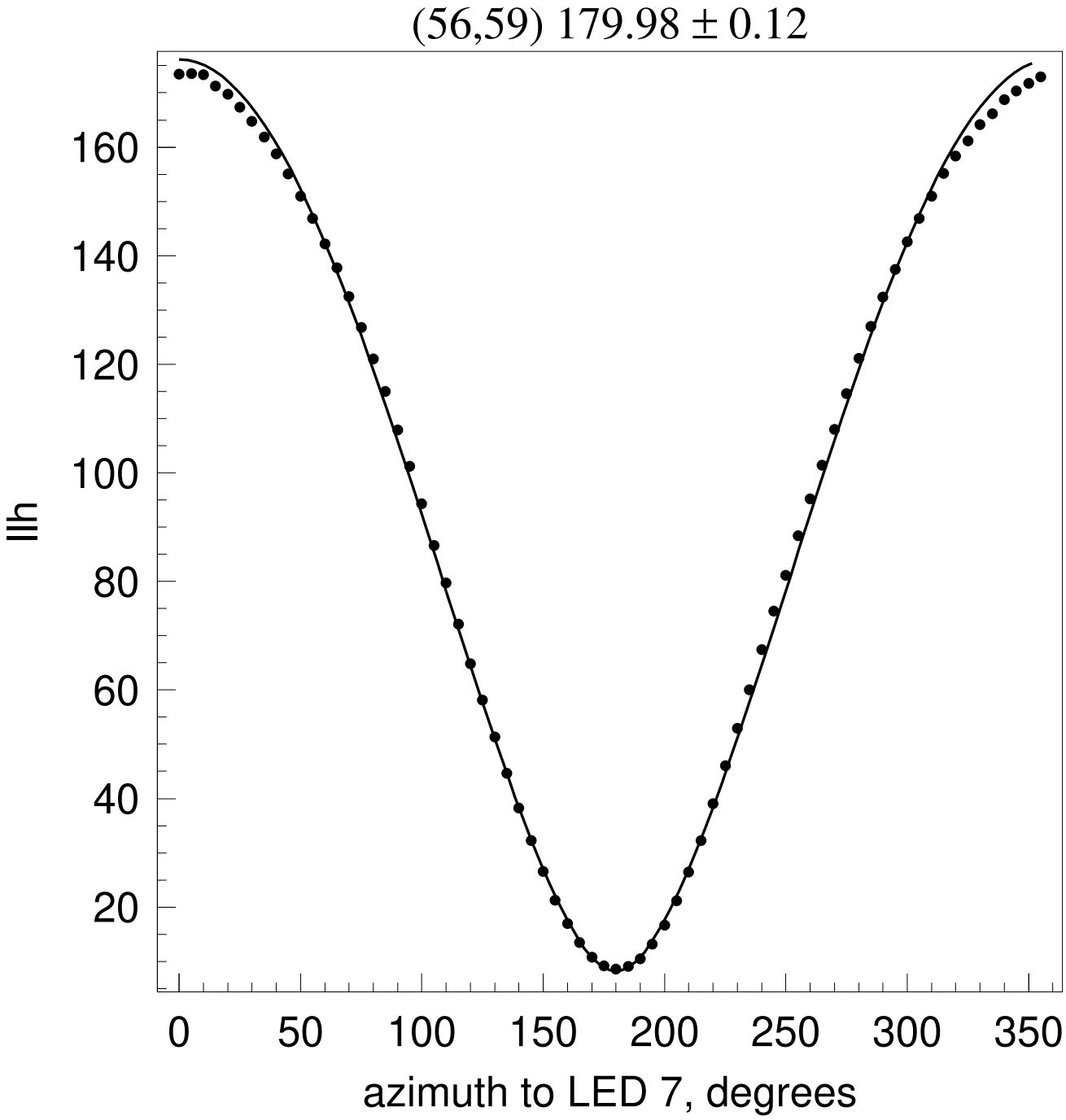

(56,54) 218.44 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

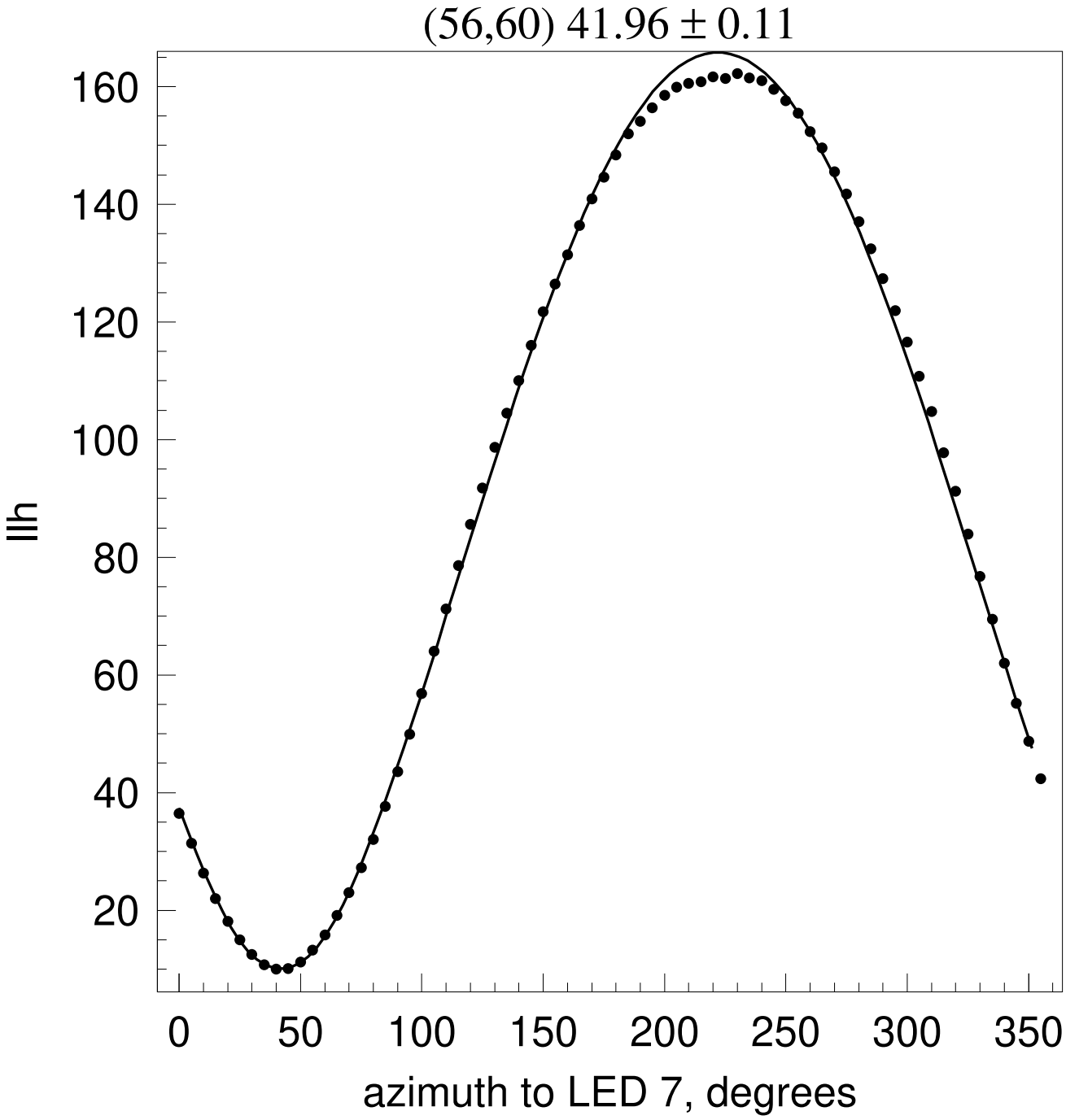

(56,55) 65.27 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

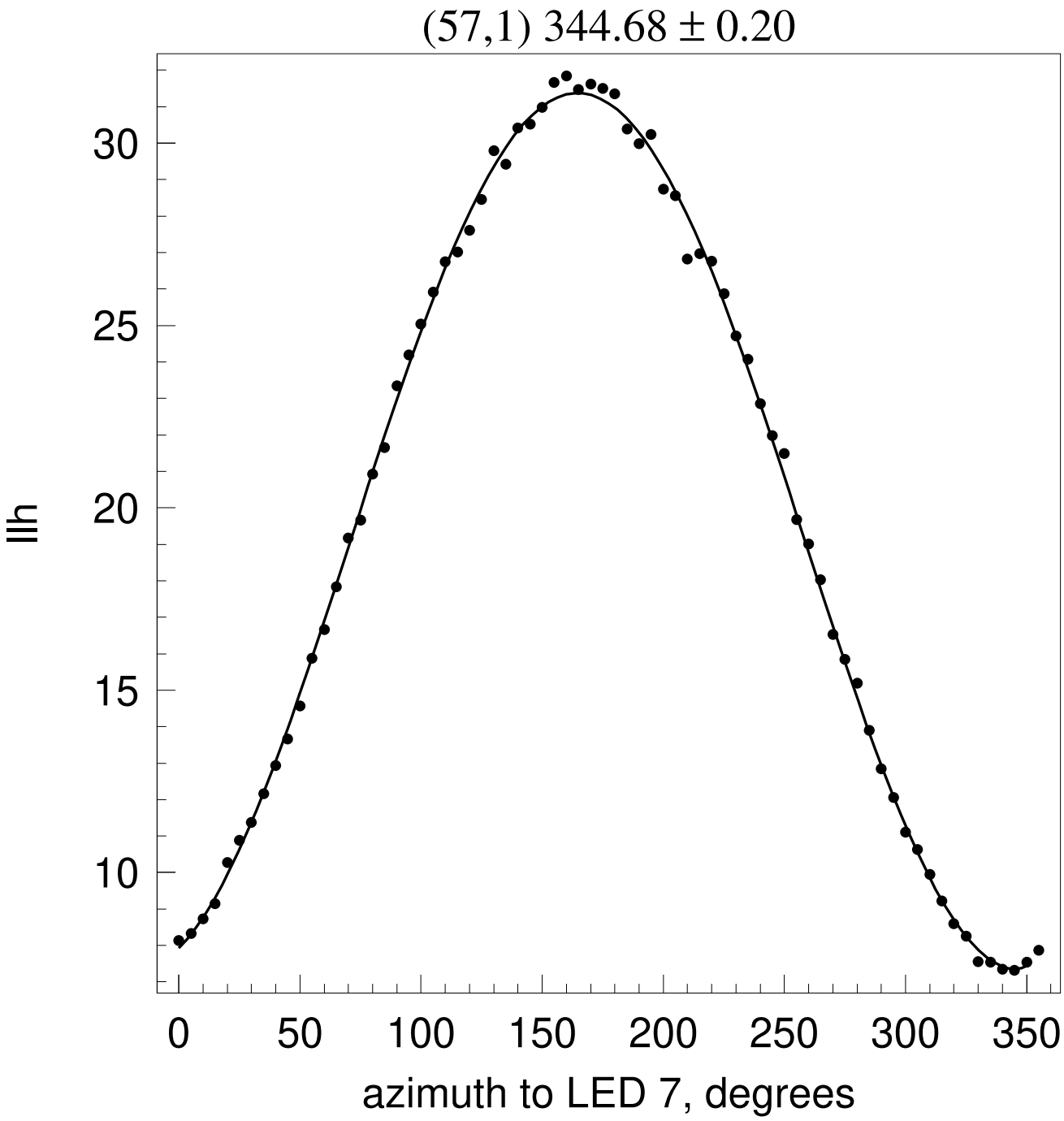

(56,56) 214.07 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

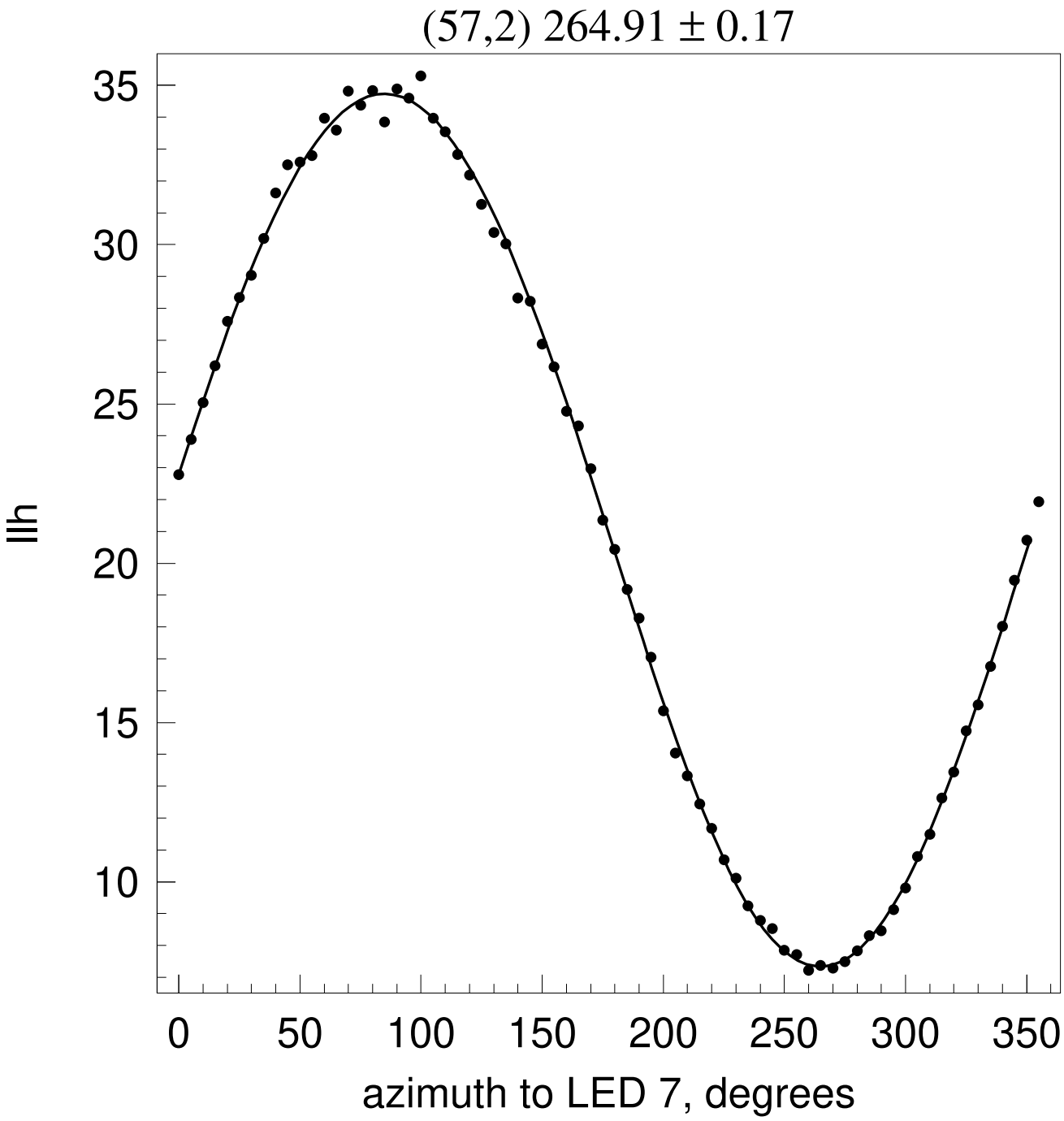

(56,57) 58.81 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

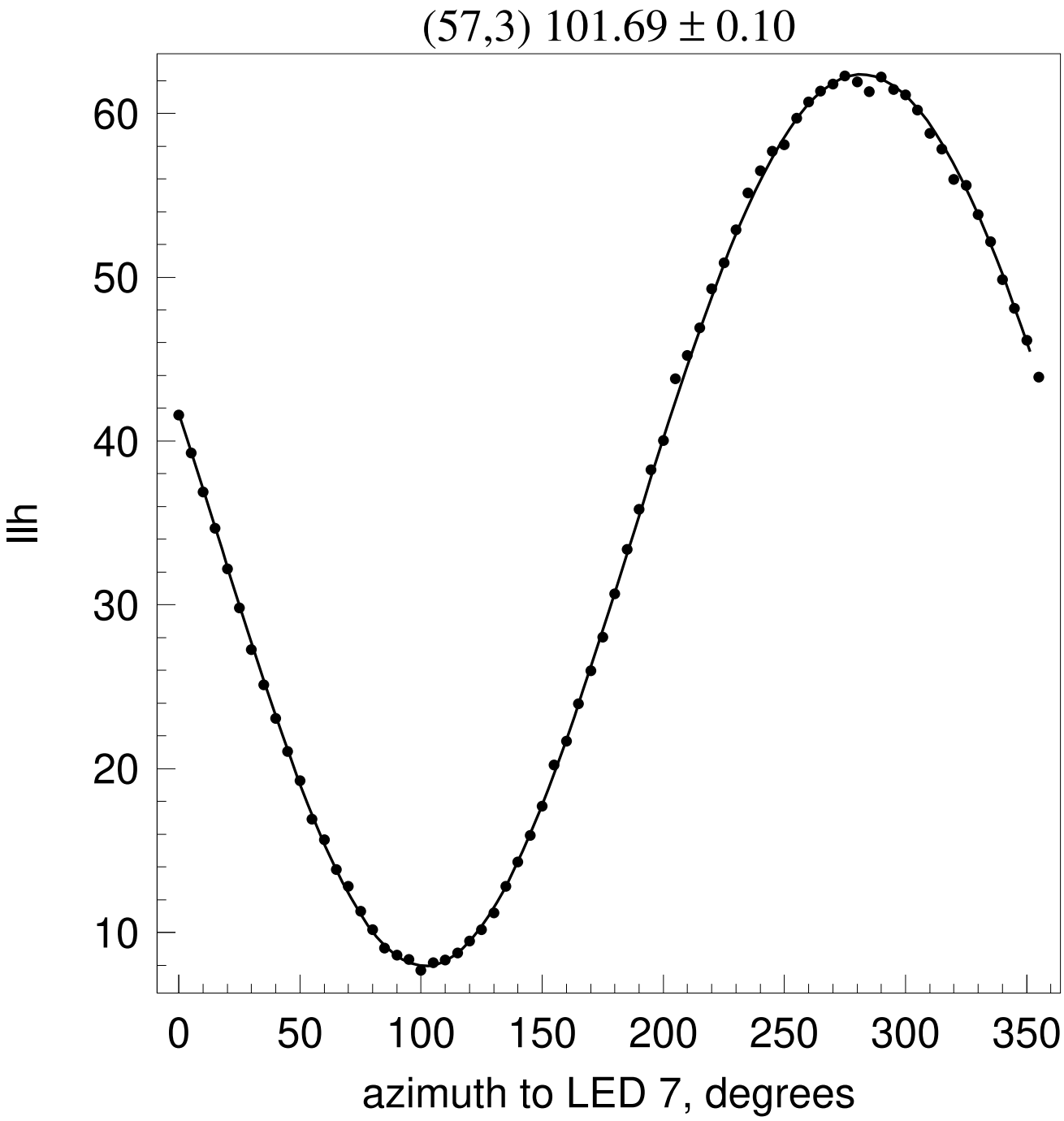

(56,58) 27.75 ± 0.13
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

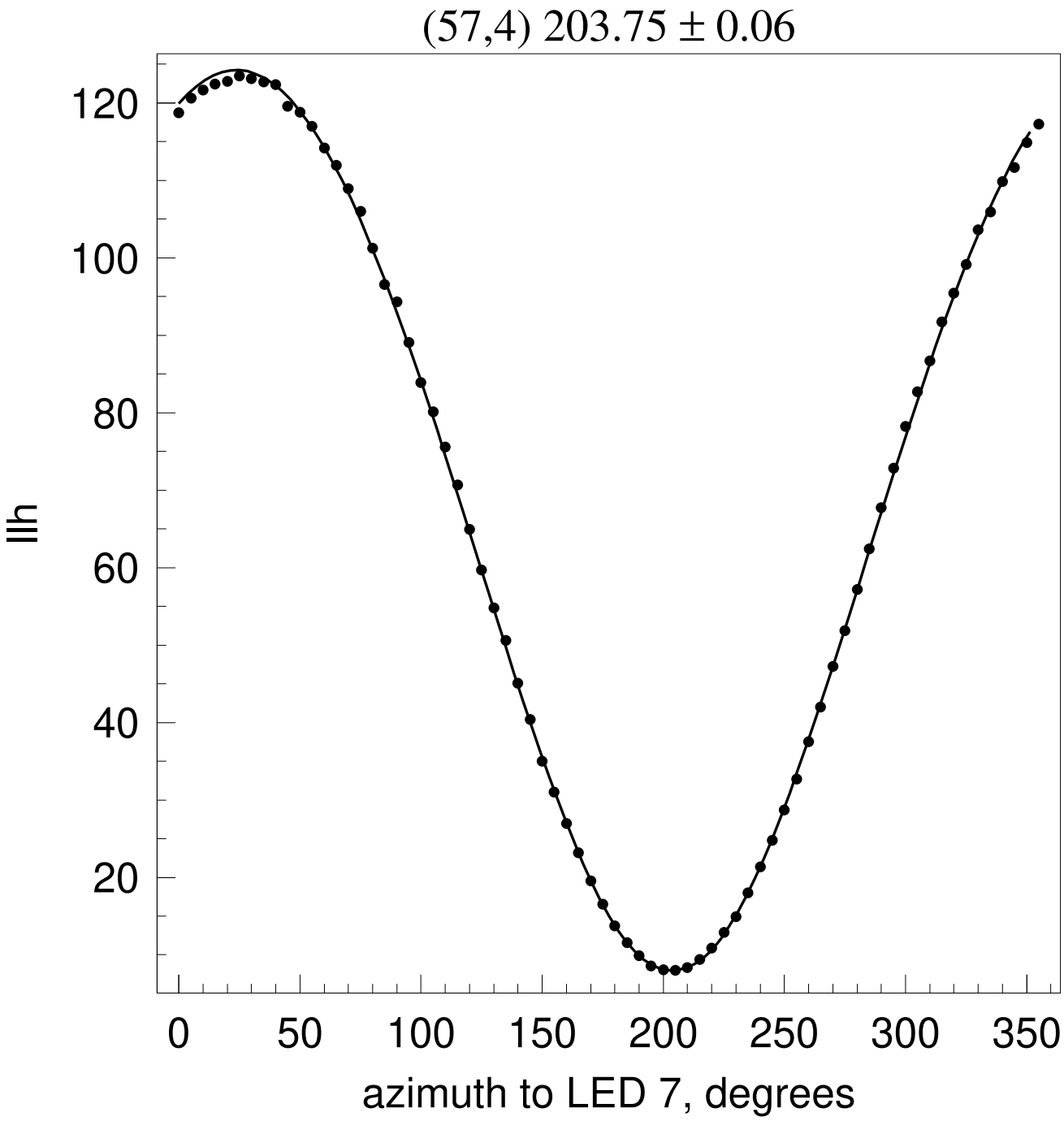

(56,59) 179.98 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

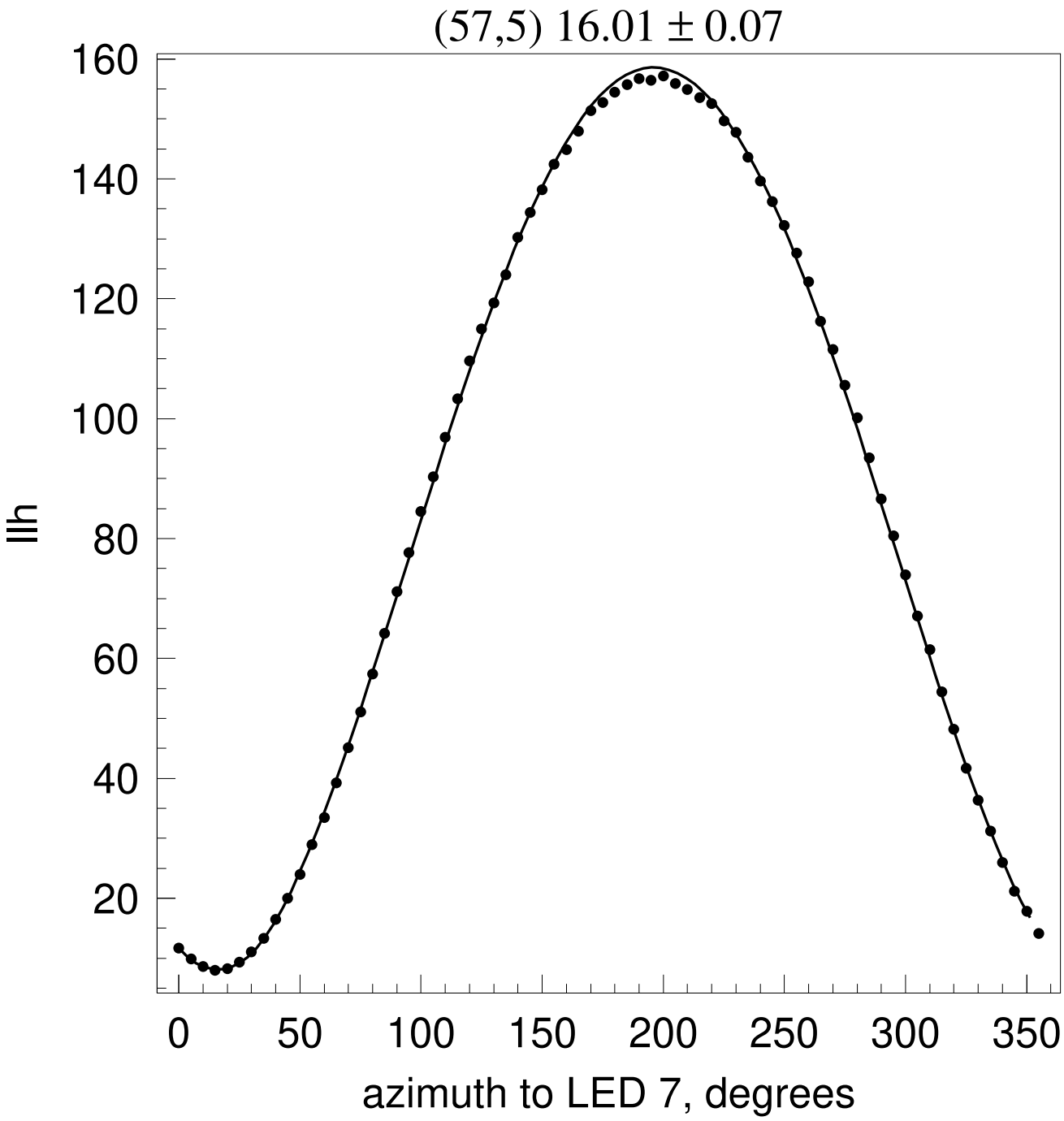

(56,60) 41.96 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

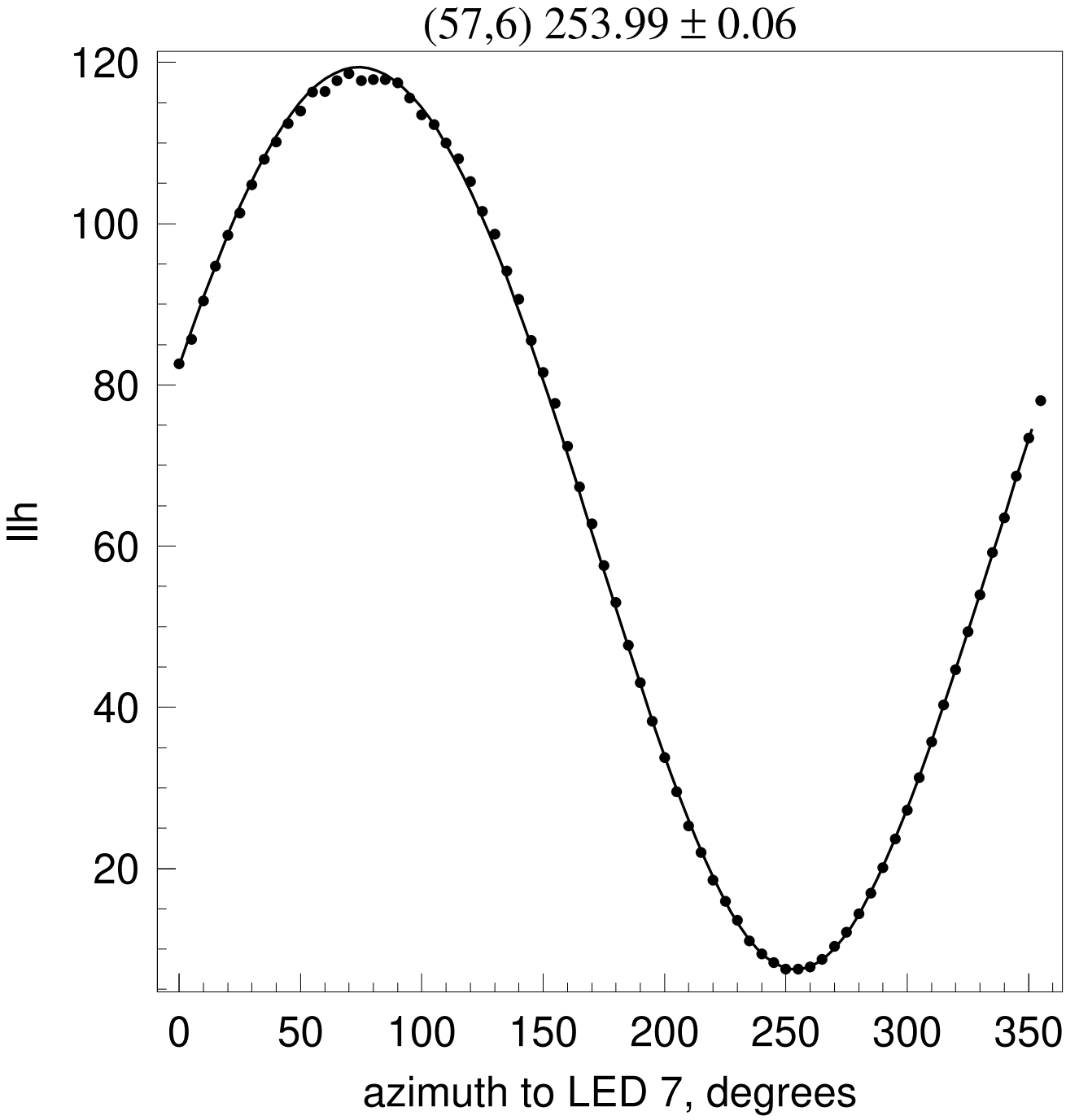

(57,1) 344.68 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

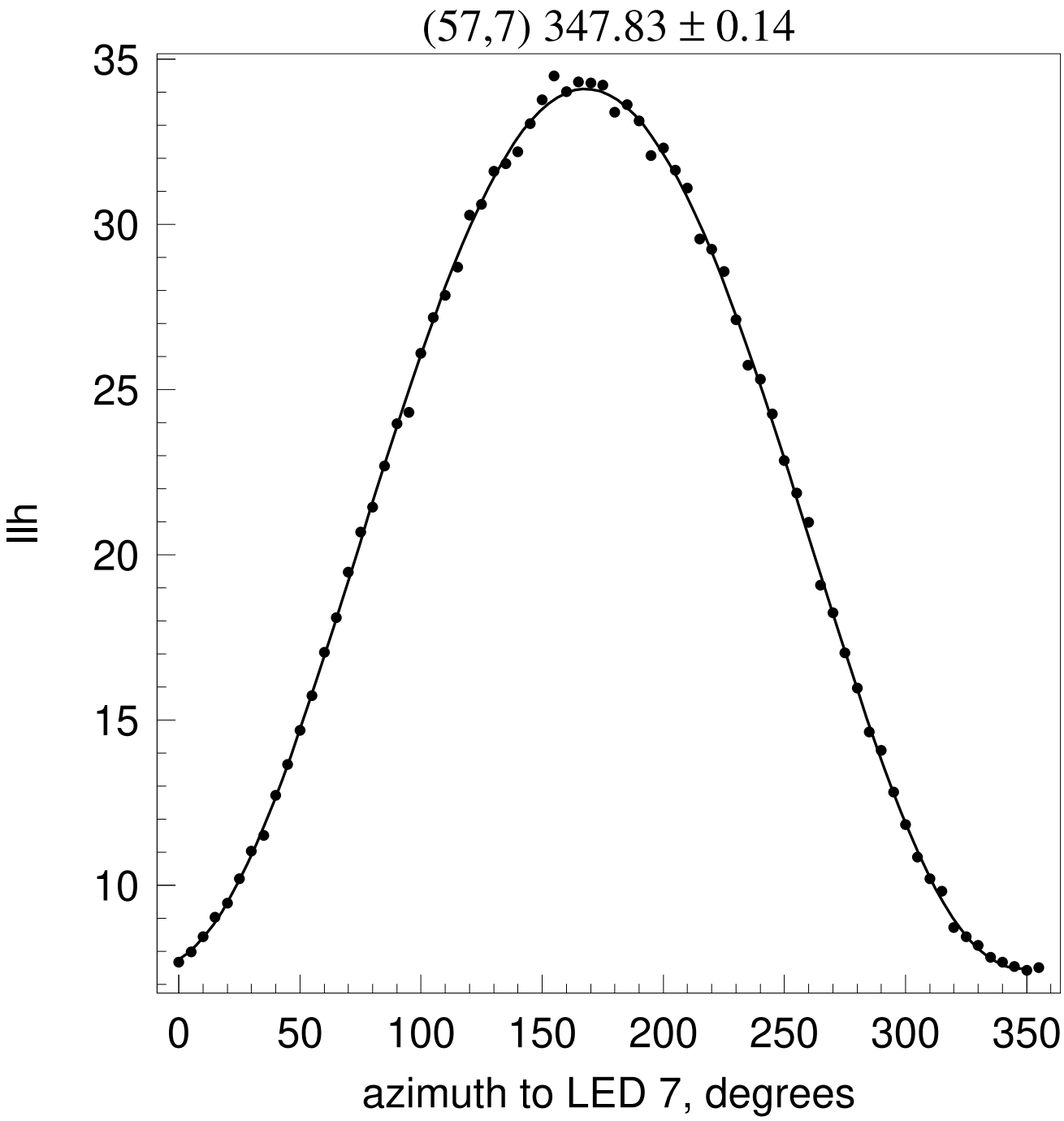

(57,2) 264.91 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

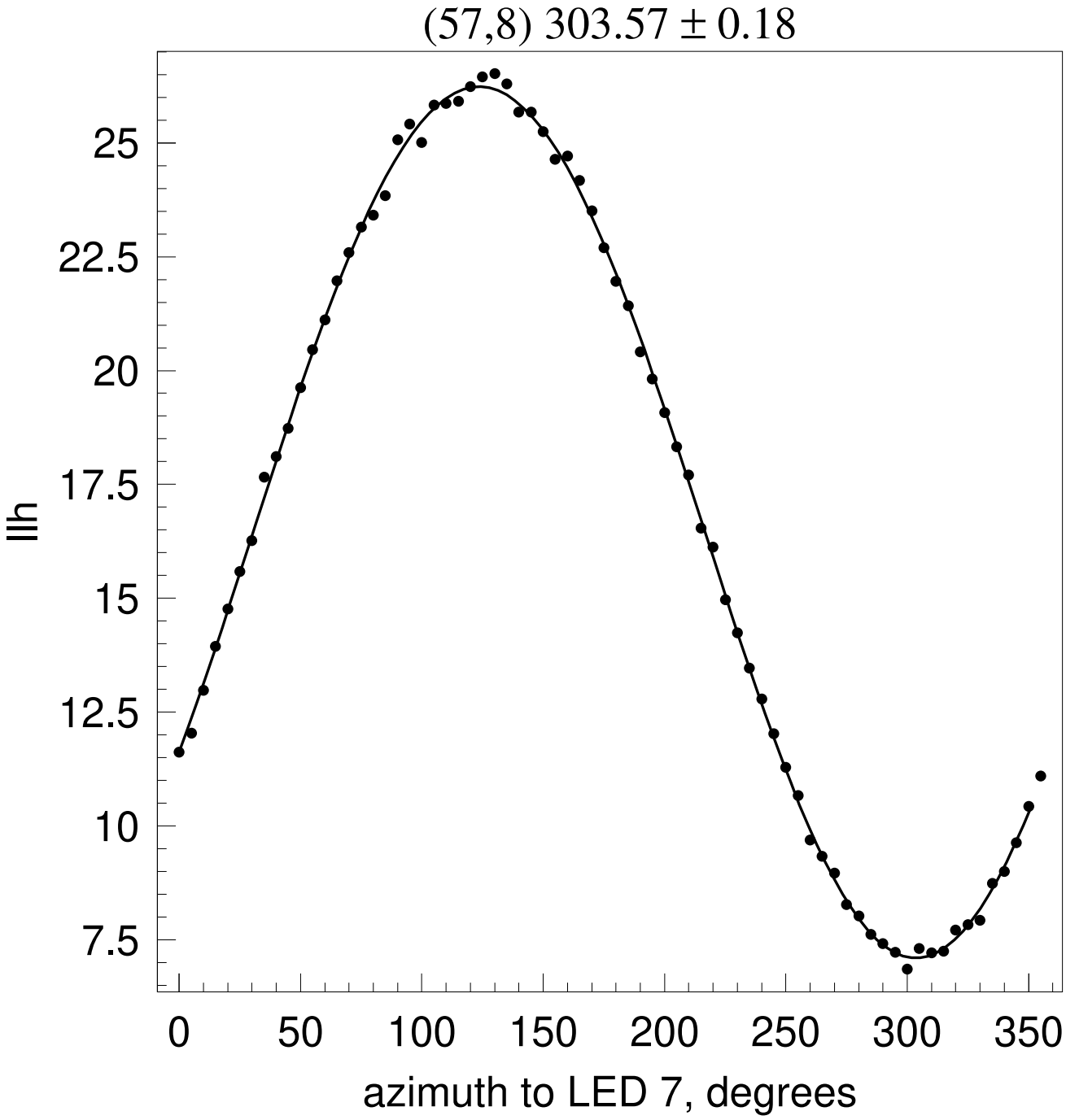

(57,3) 101.69 ± 0.10
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

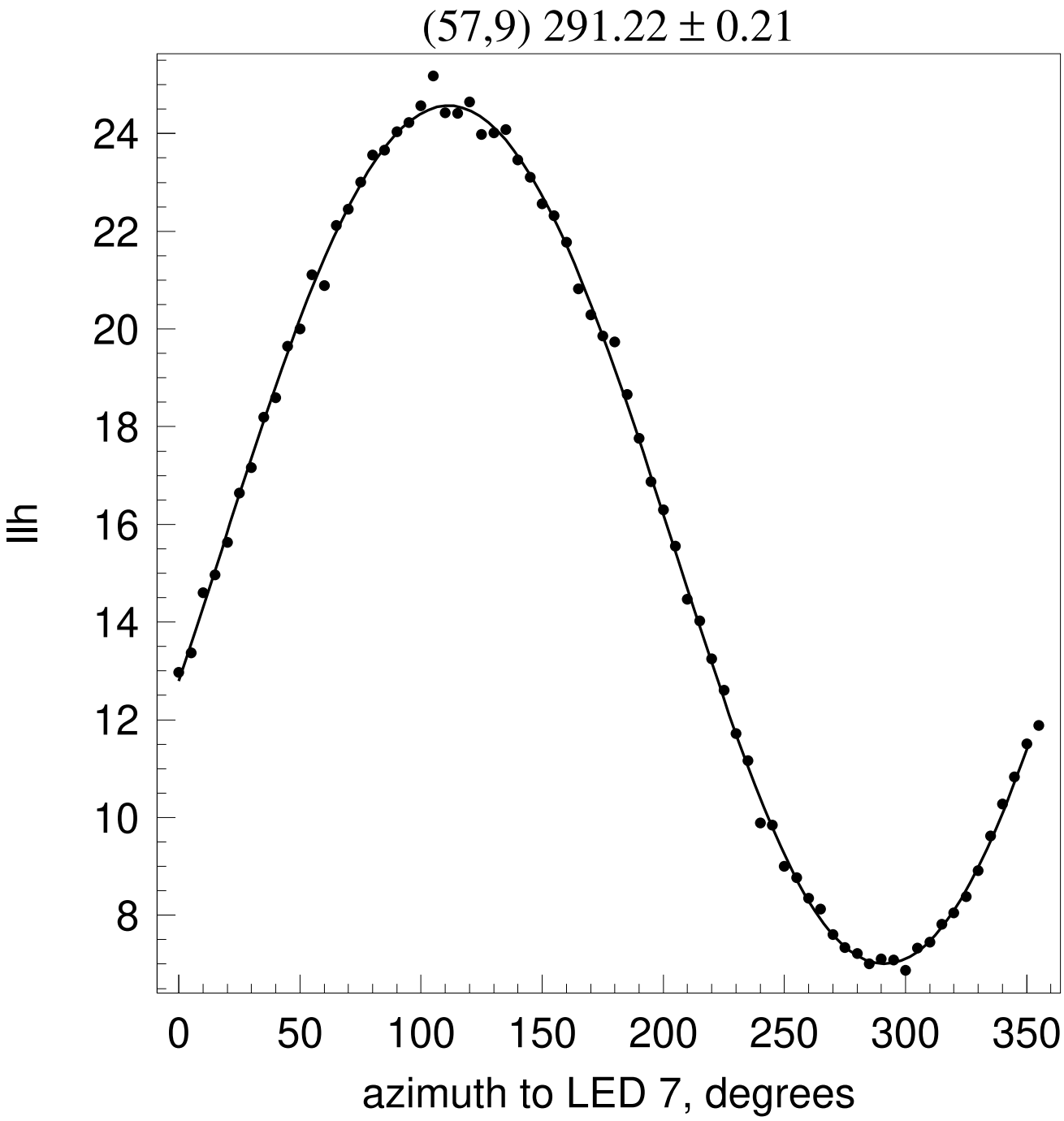

(57,4) 203.75 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

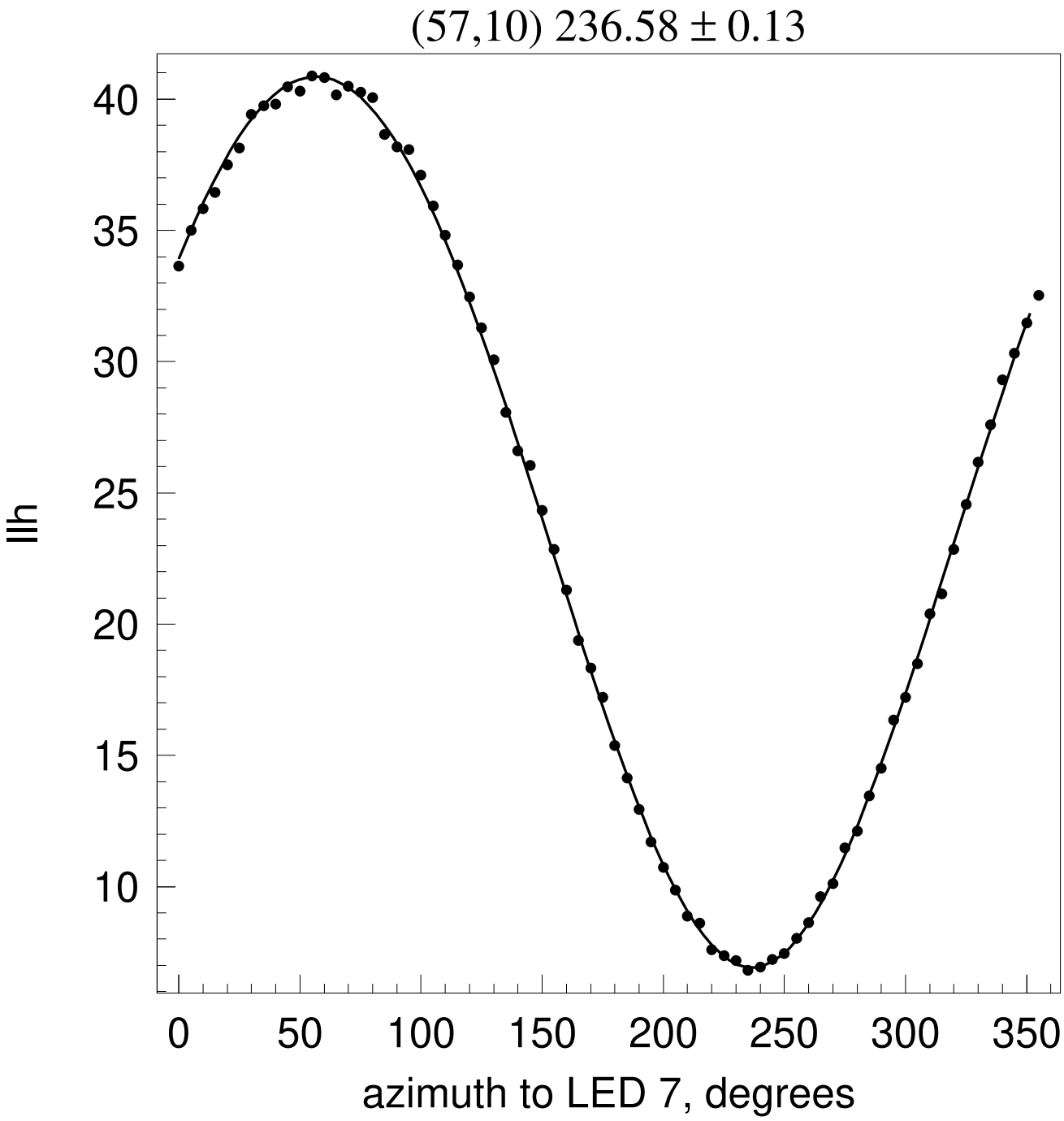

(57,5) 16.01 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

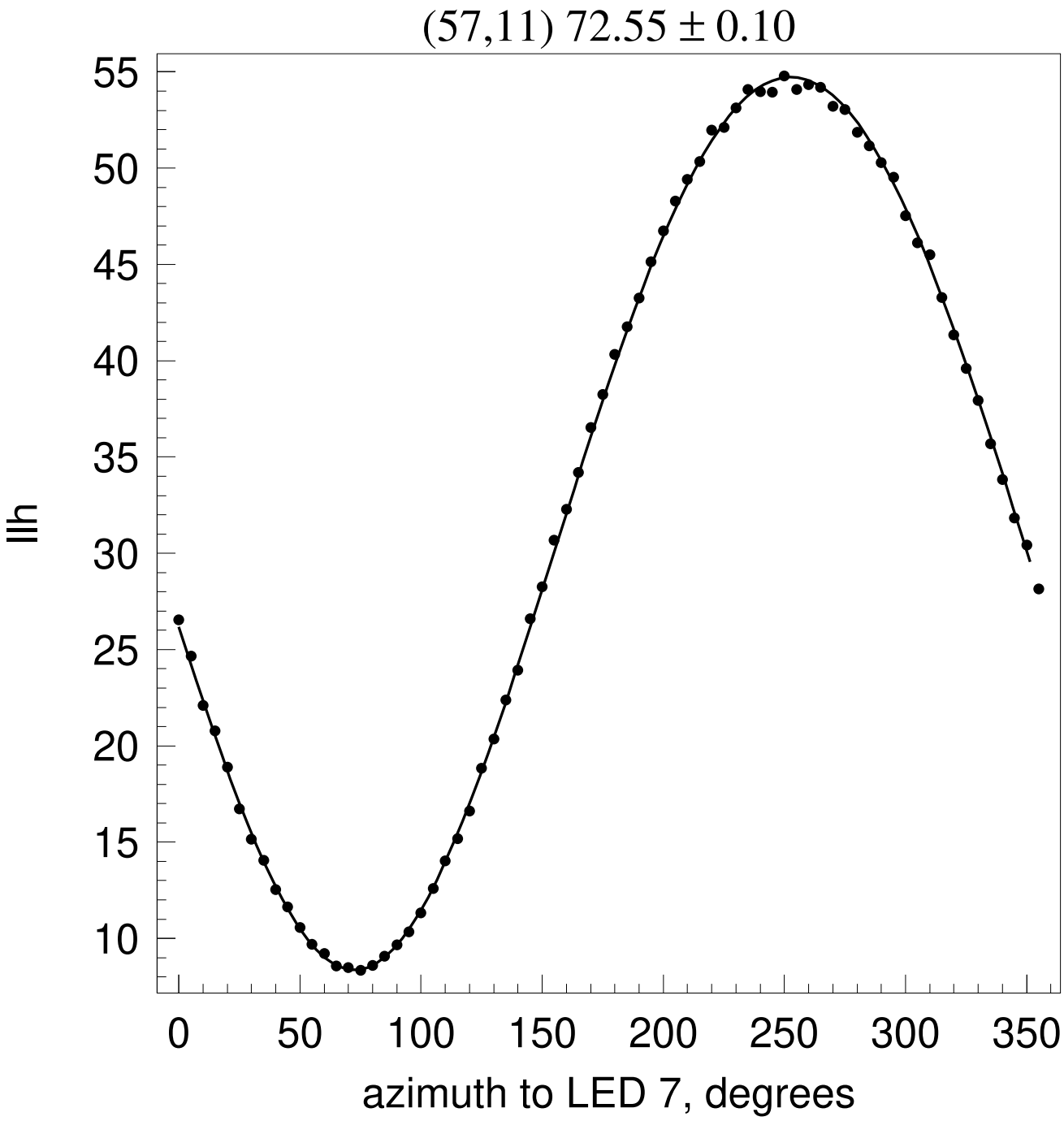

(57,6) 253.99 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

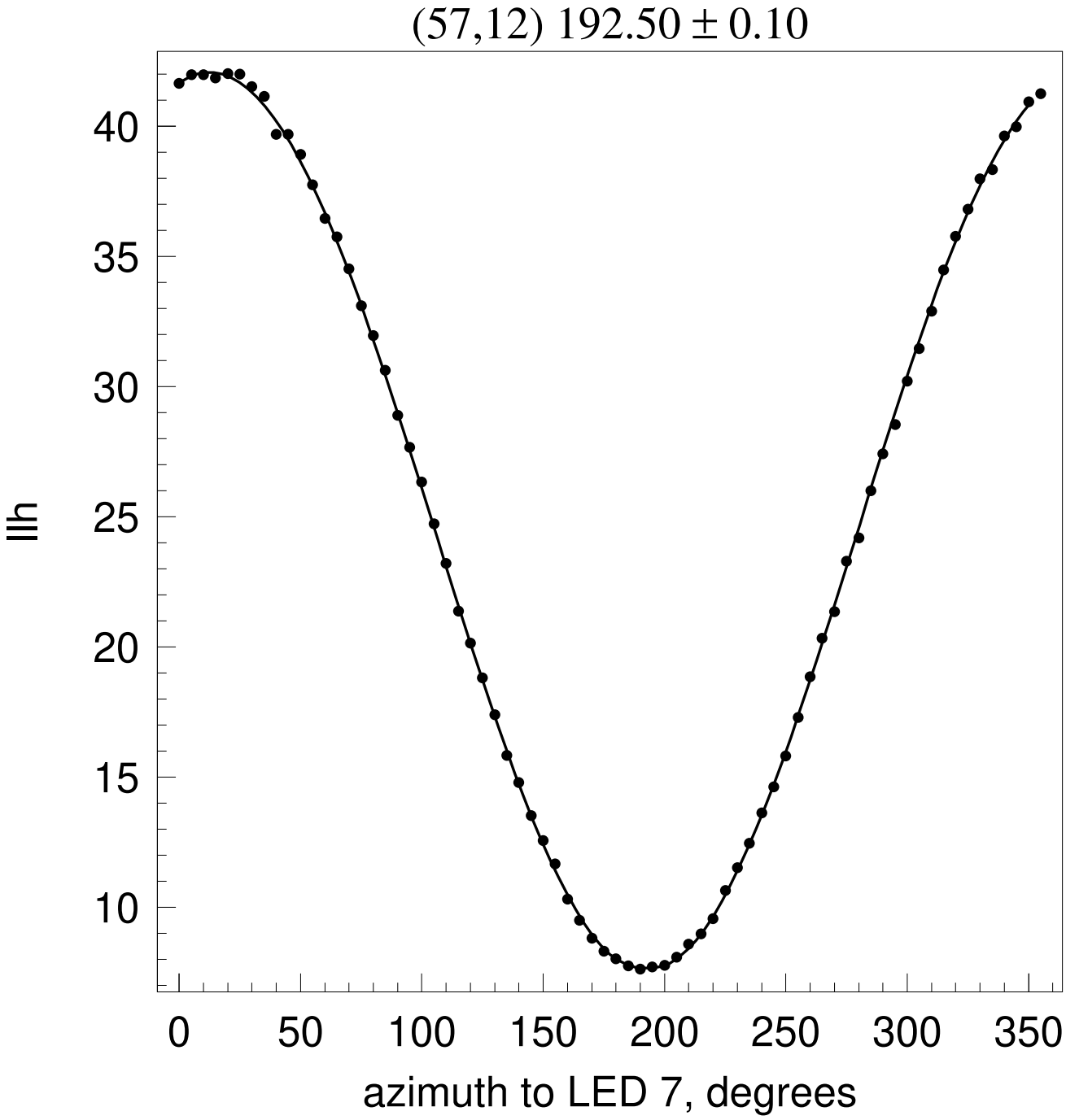

(57,7) 347.83 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

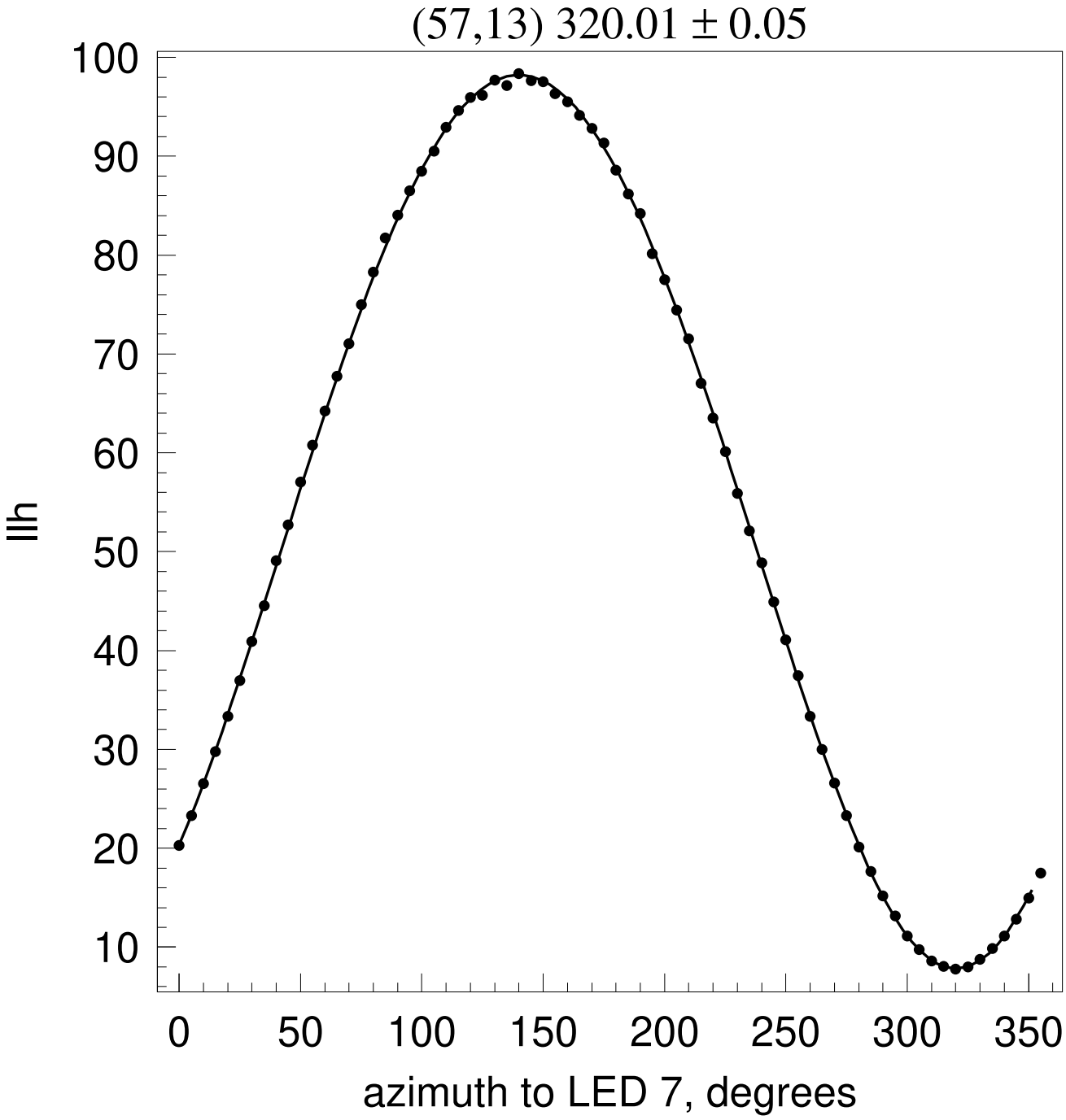

(57,8) 303.57 ± 0.18
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

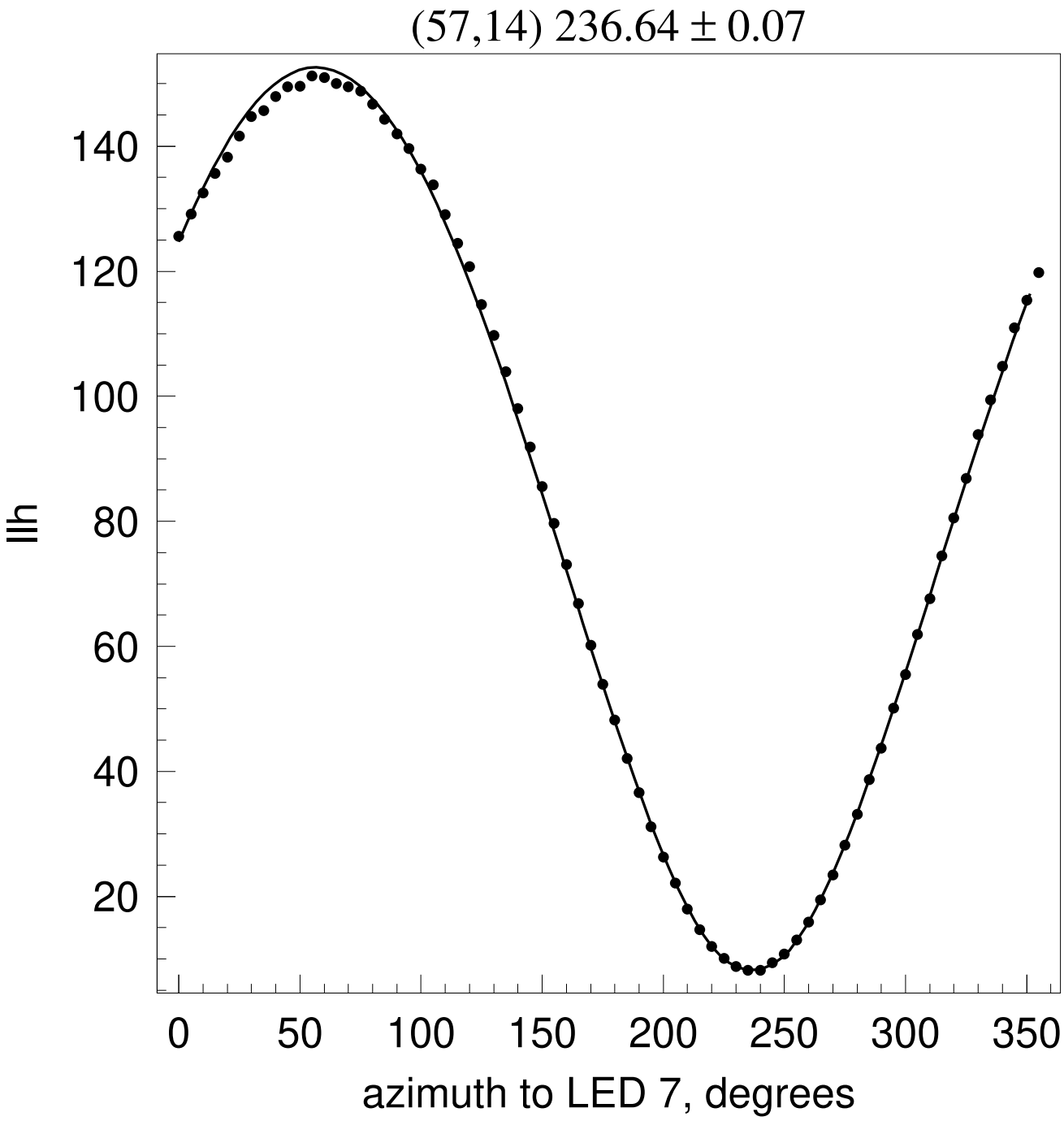

(57,9) 291.22 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

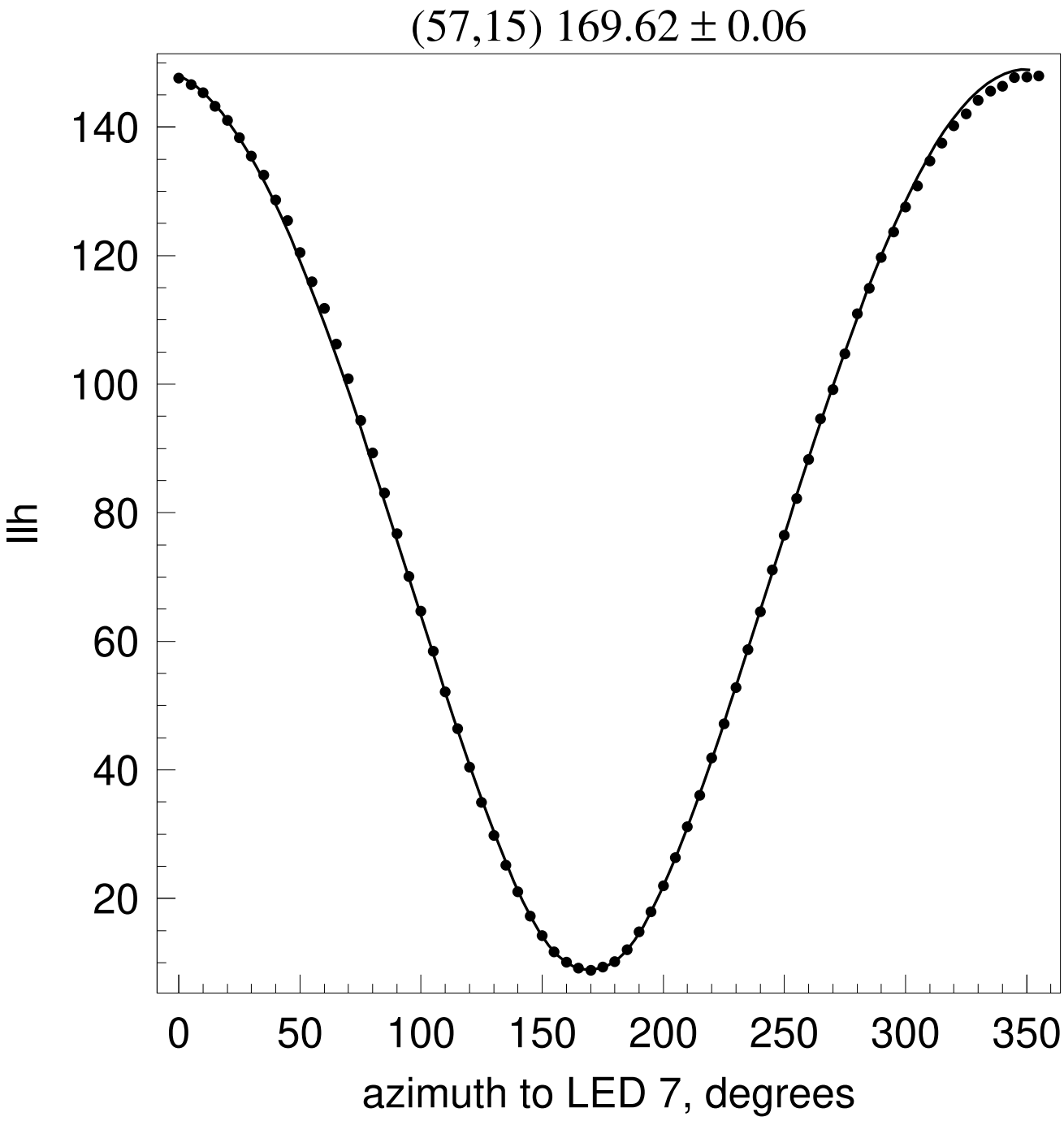

(57,10) 236.58 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

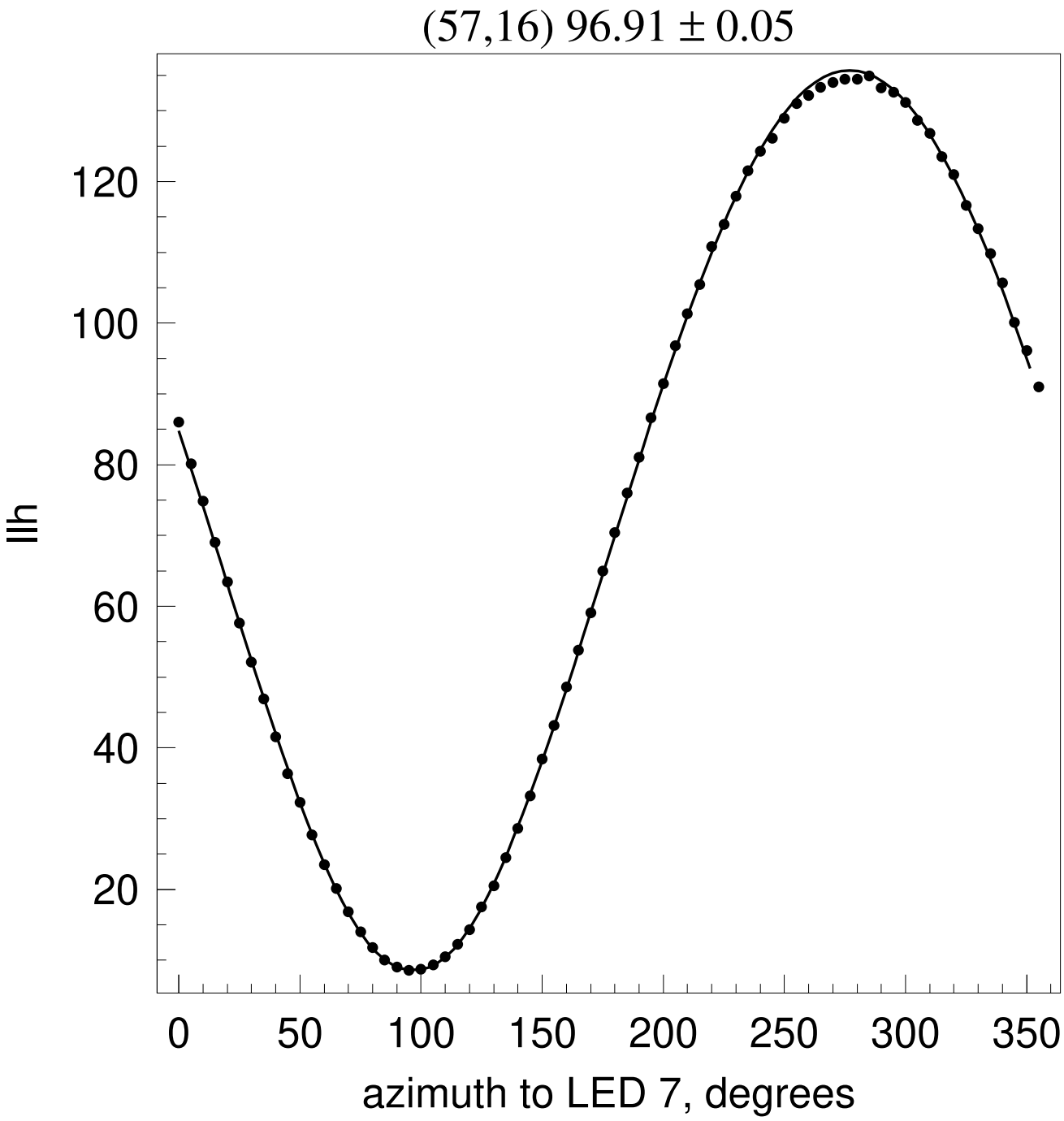

(57,11) 72.55 ± 0.10
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

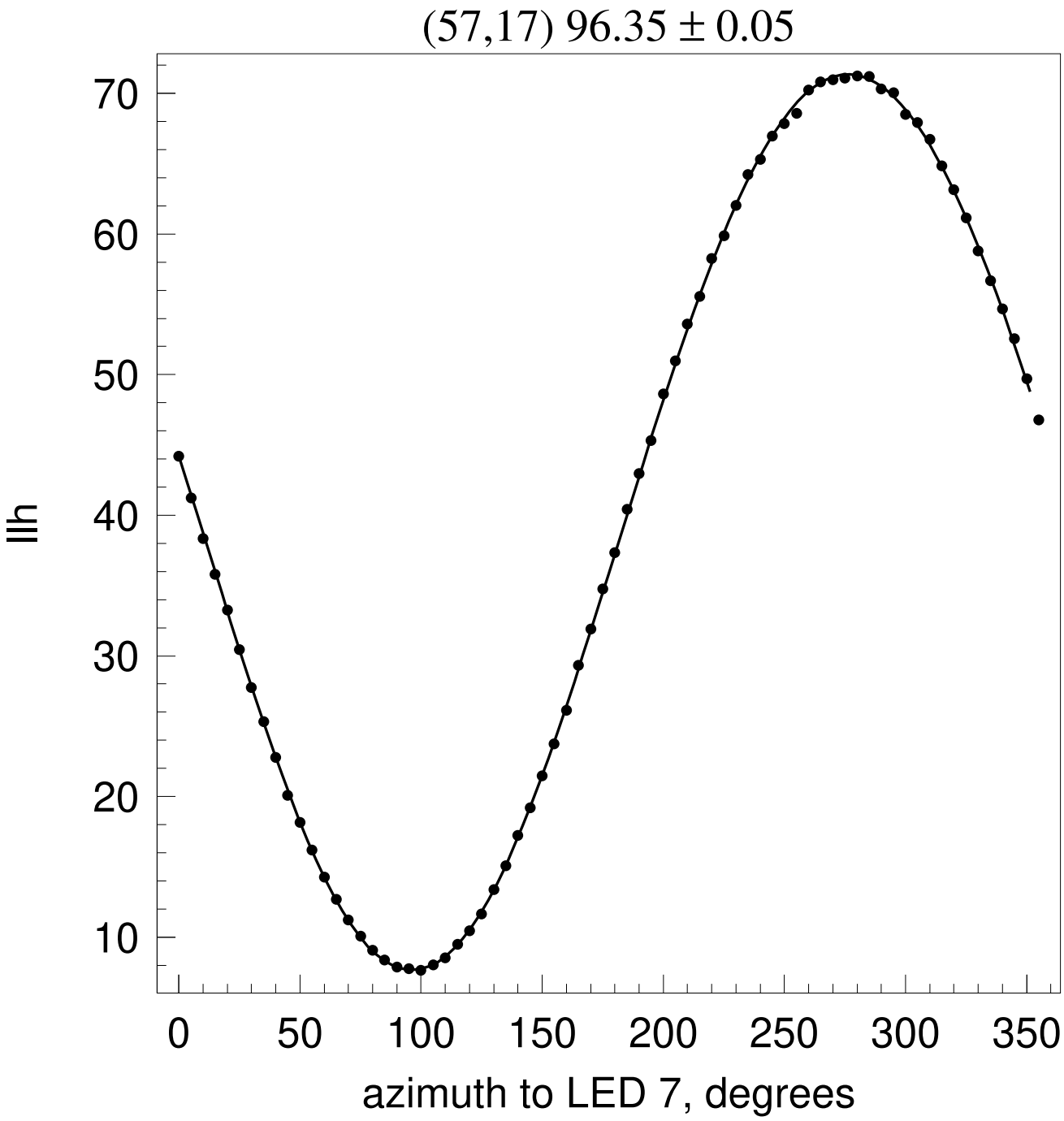

(57,12) 192.50 ± 0.10
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

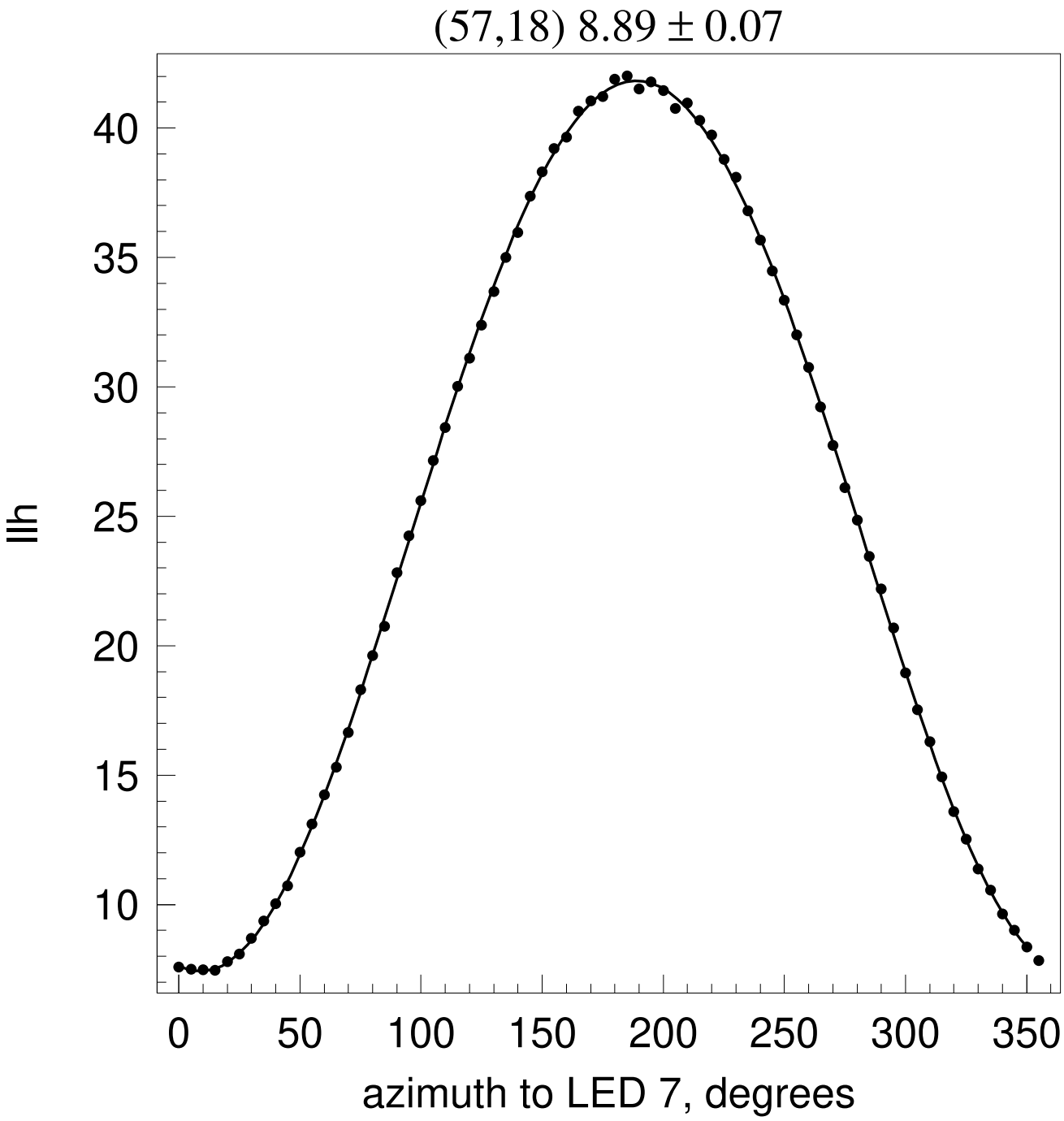

(57,13) 320.01 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

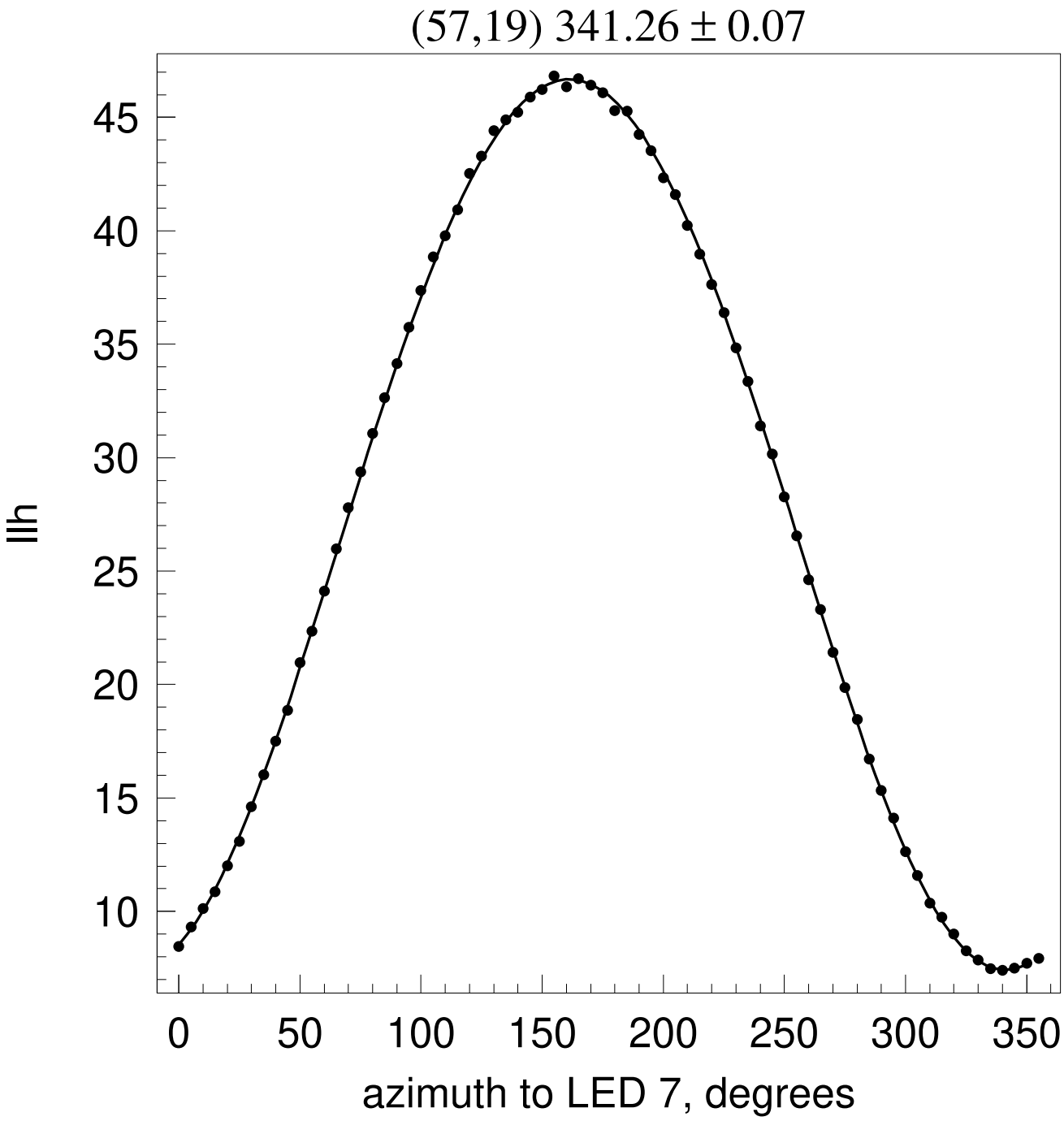

(57,14) 236.64 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

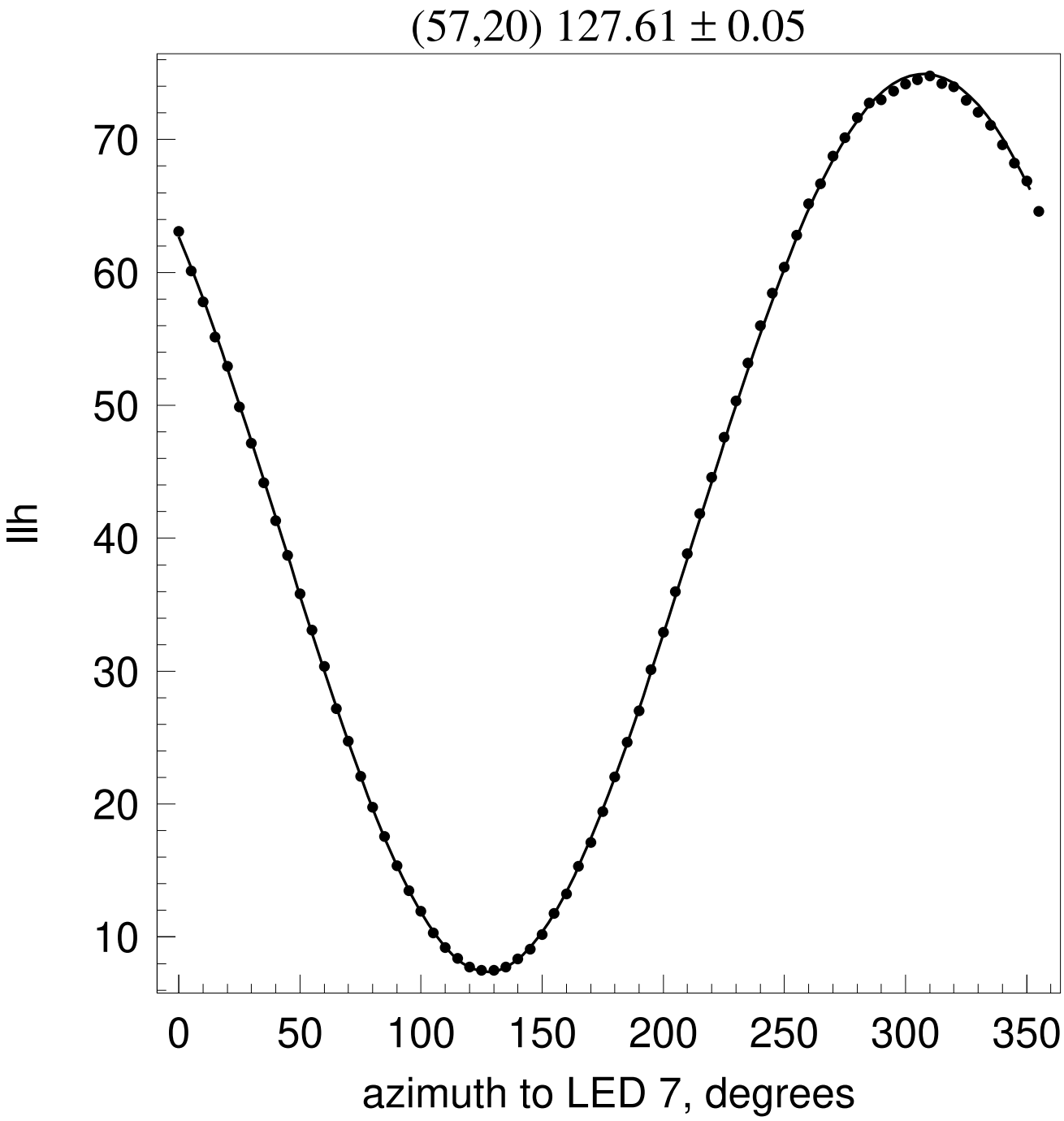

(57,15) 169.62 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

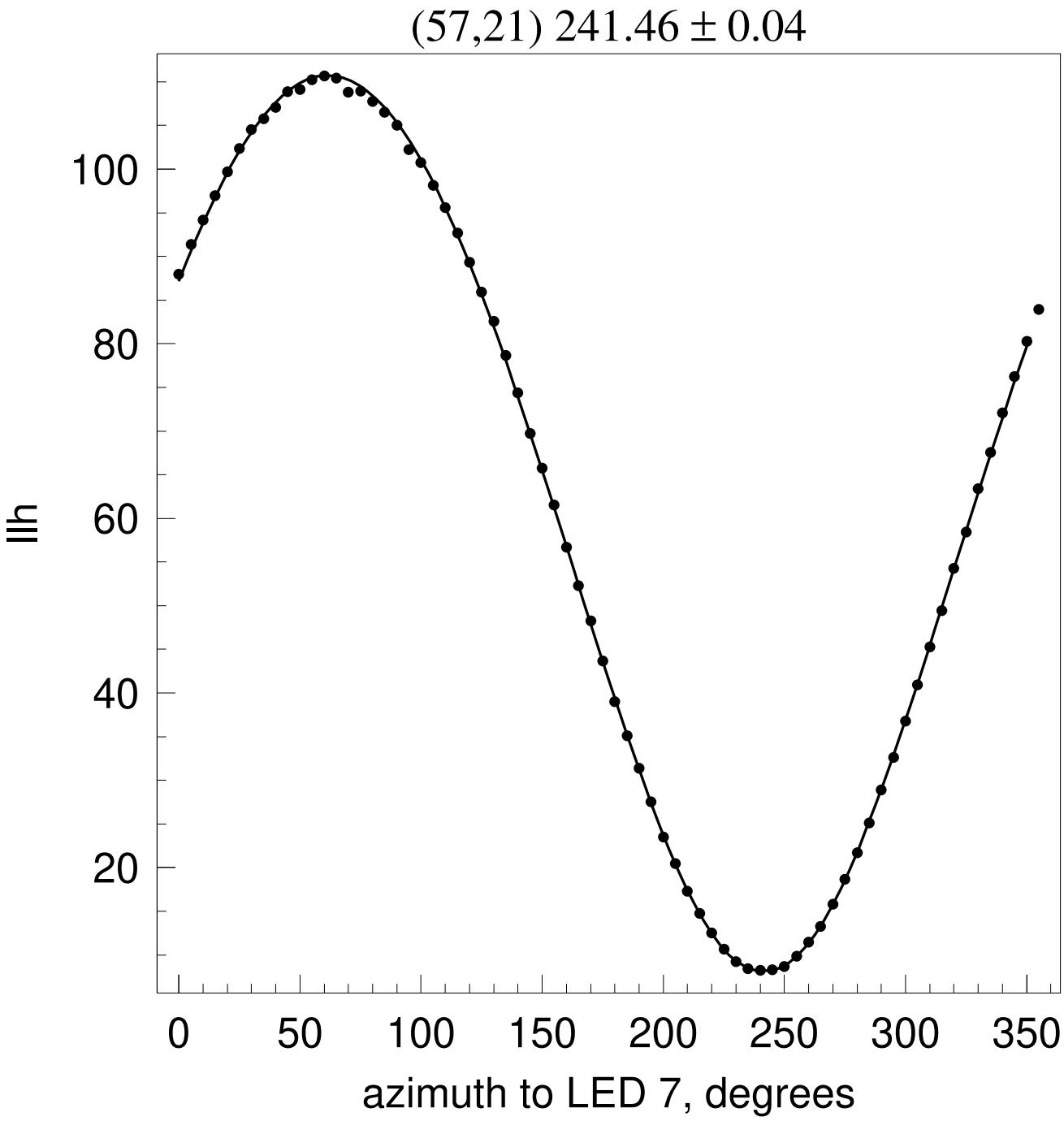

(57,16) 96.91 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

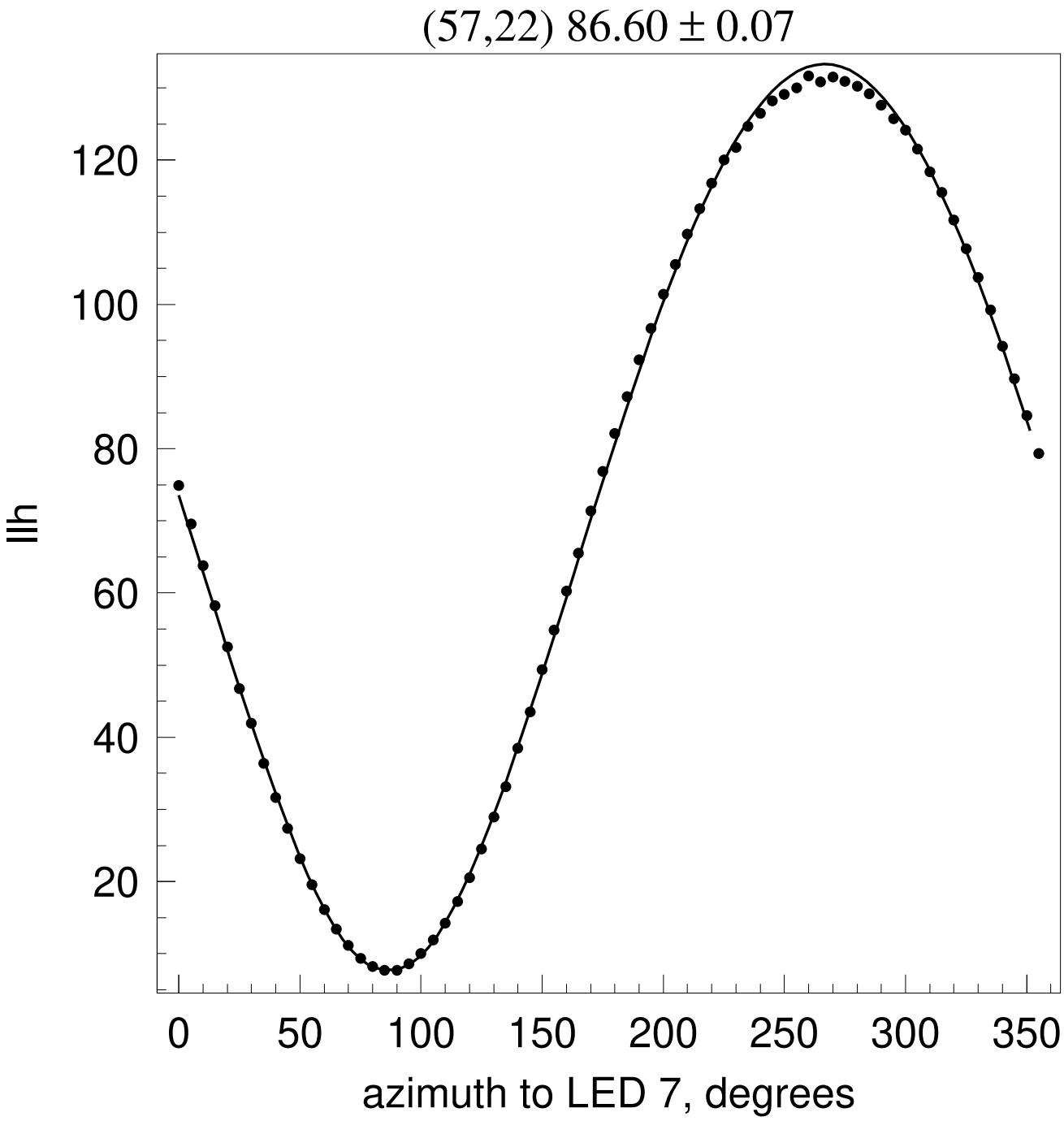

(57,17) 96.35 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

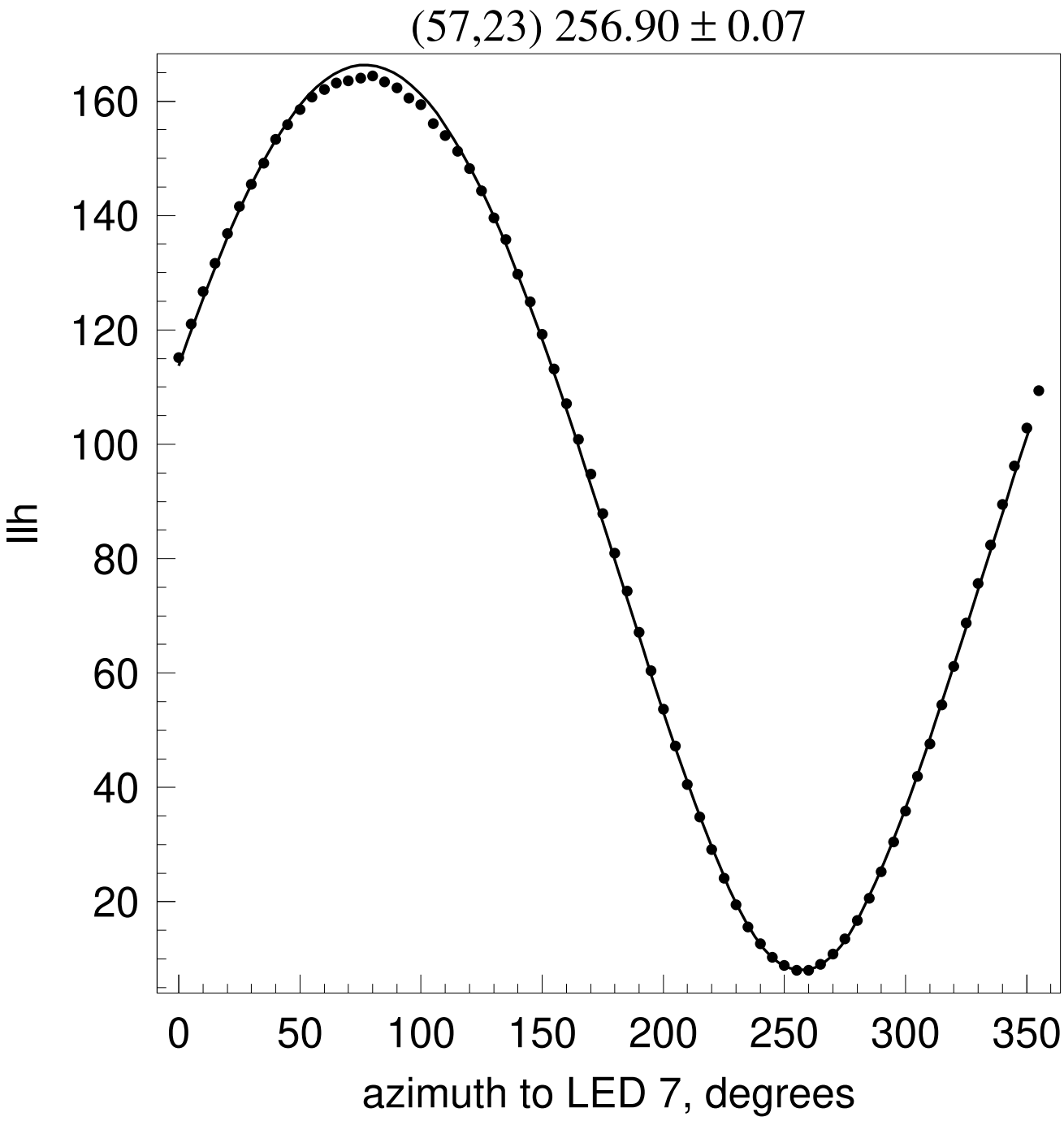

(57,18) 8.89 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

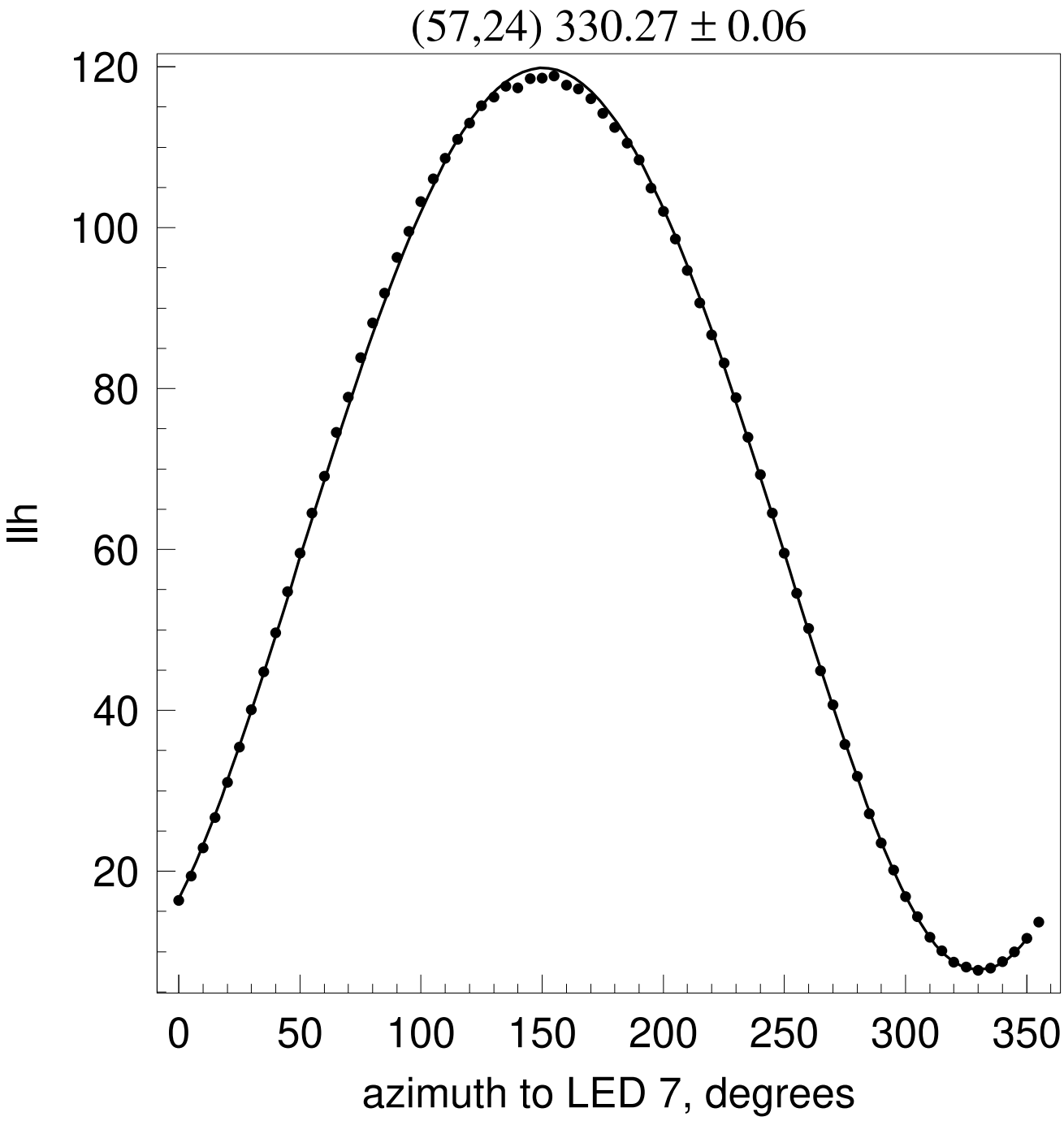

(57,19) 341.26 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

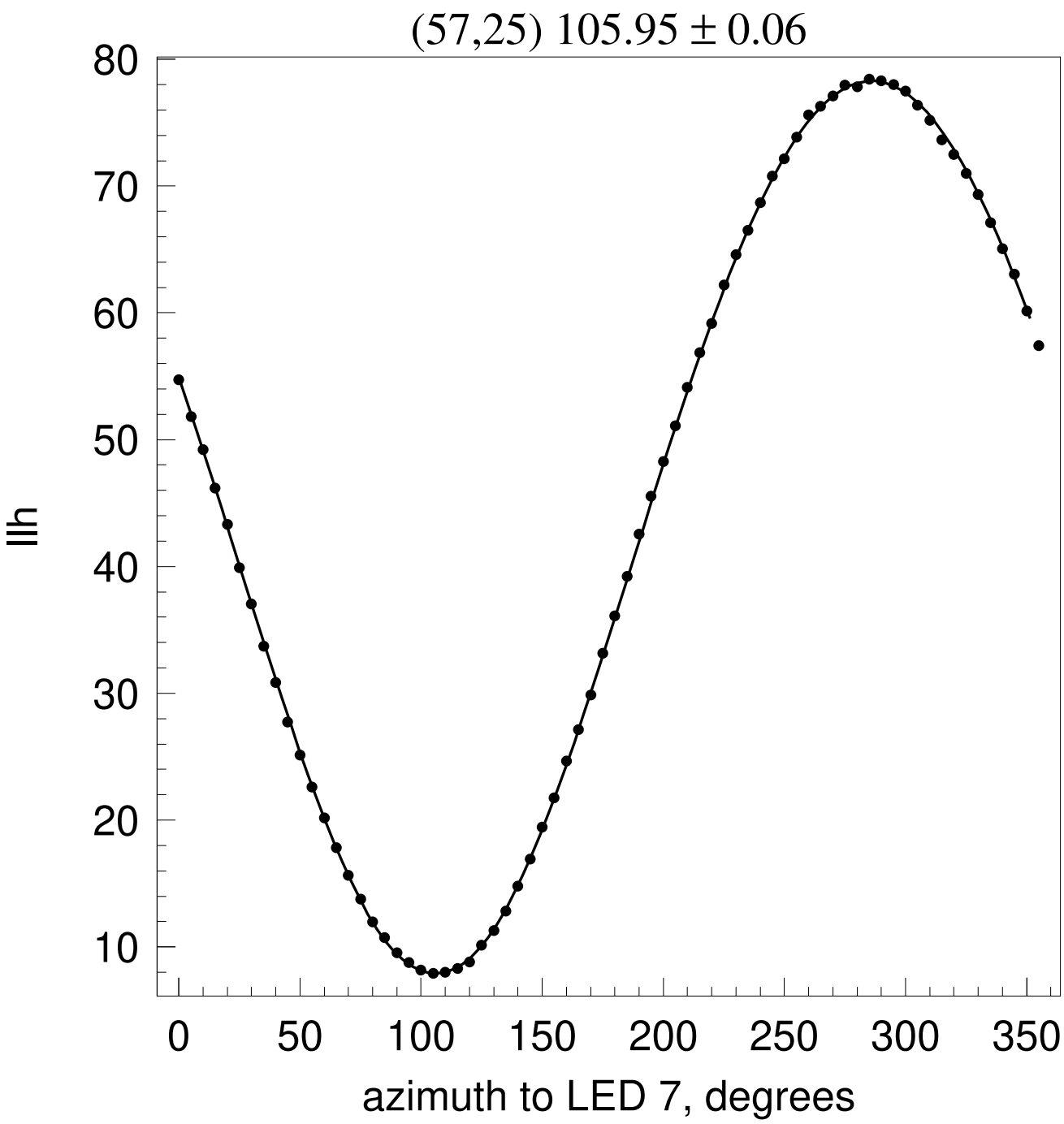

(57,20) 127.61 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

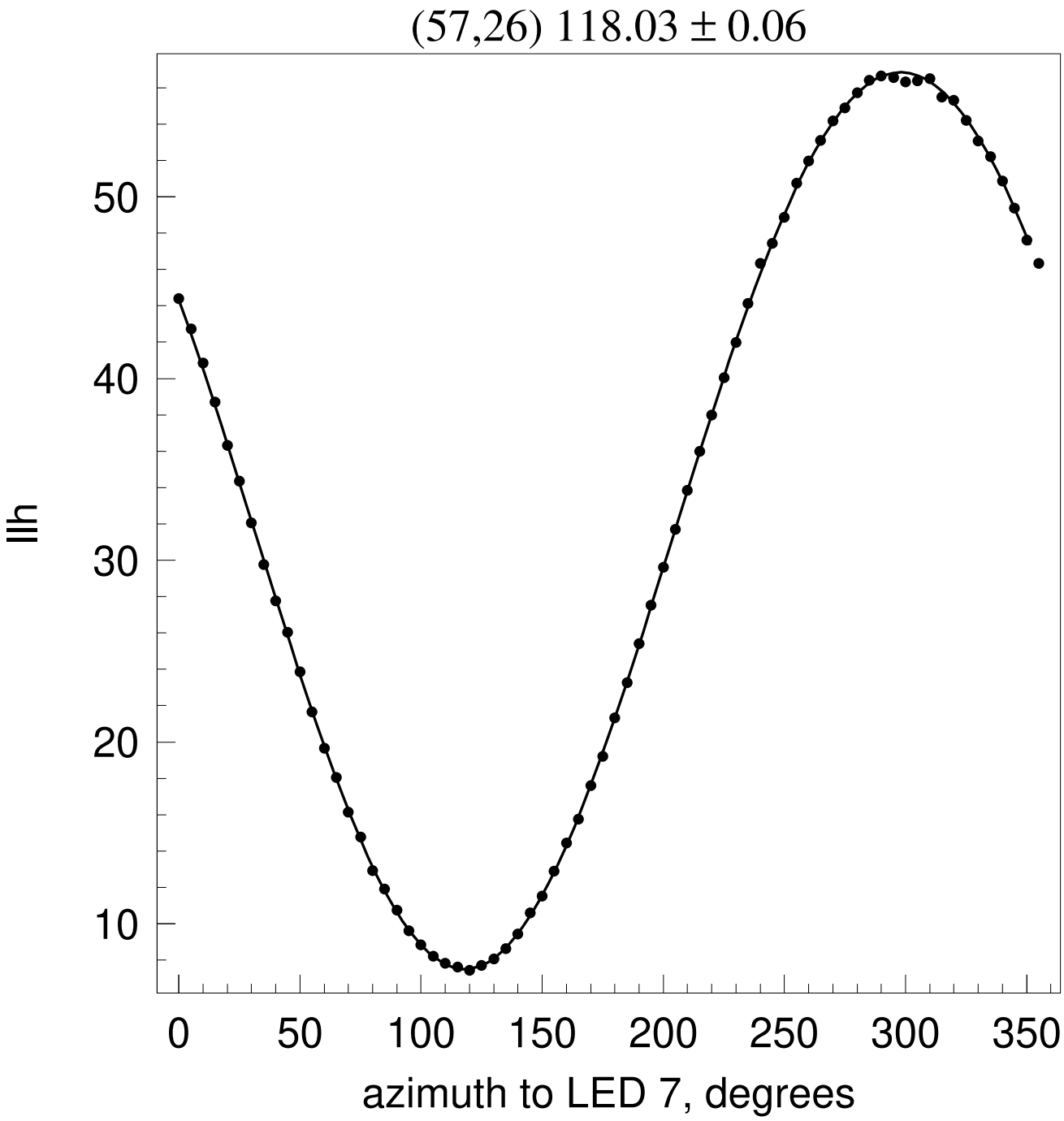

(57,21) 241.46 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

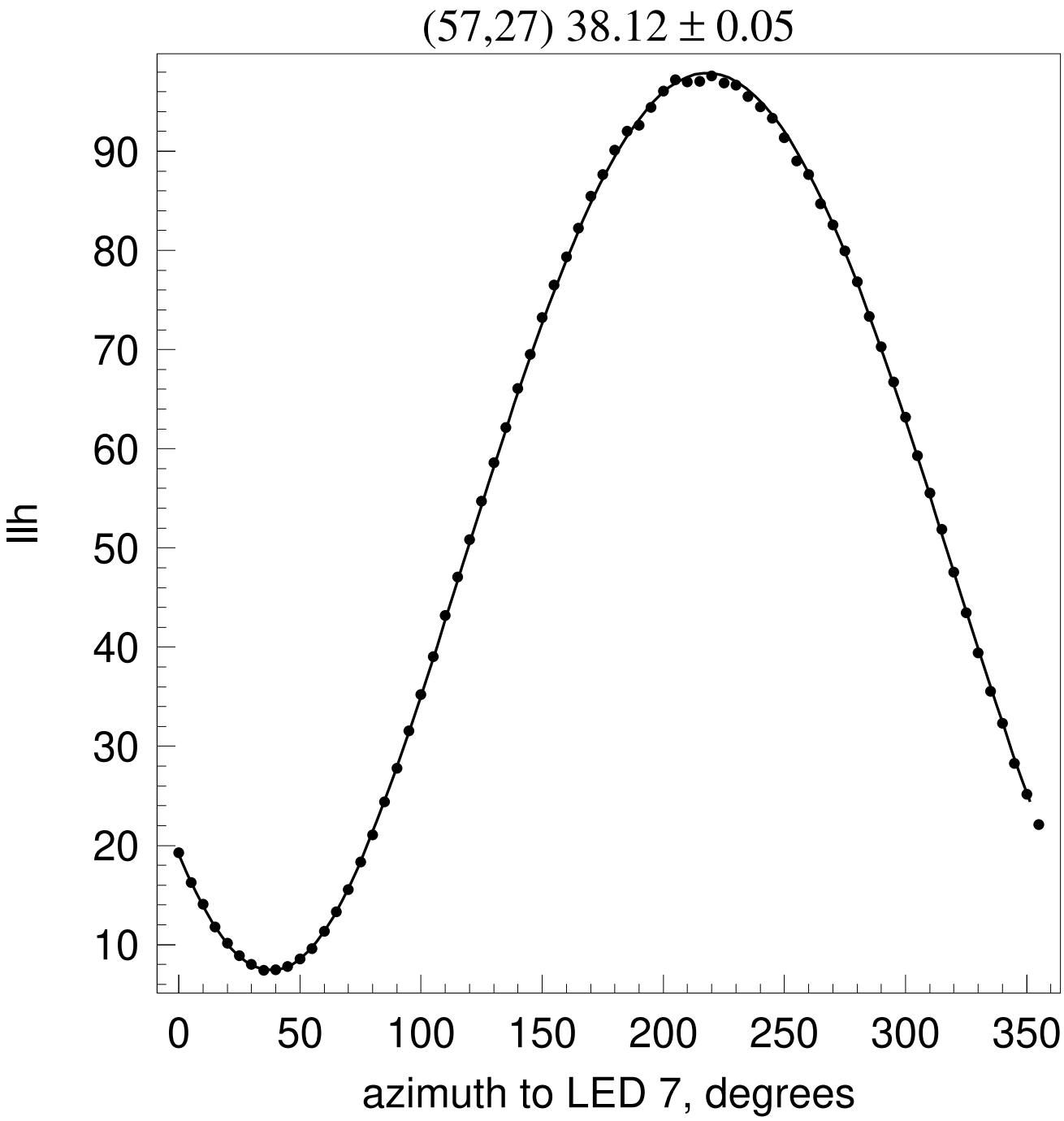

(57,22) 86.60 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

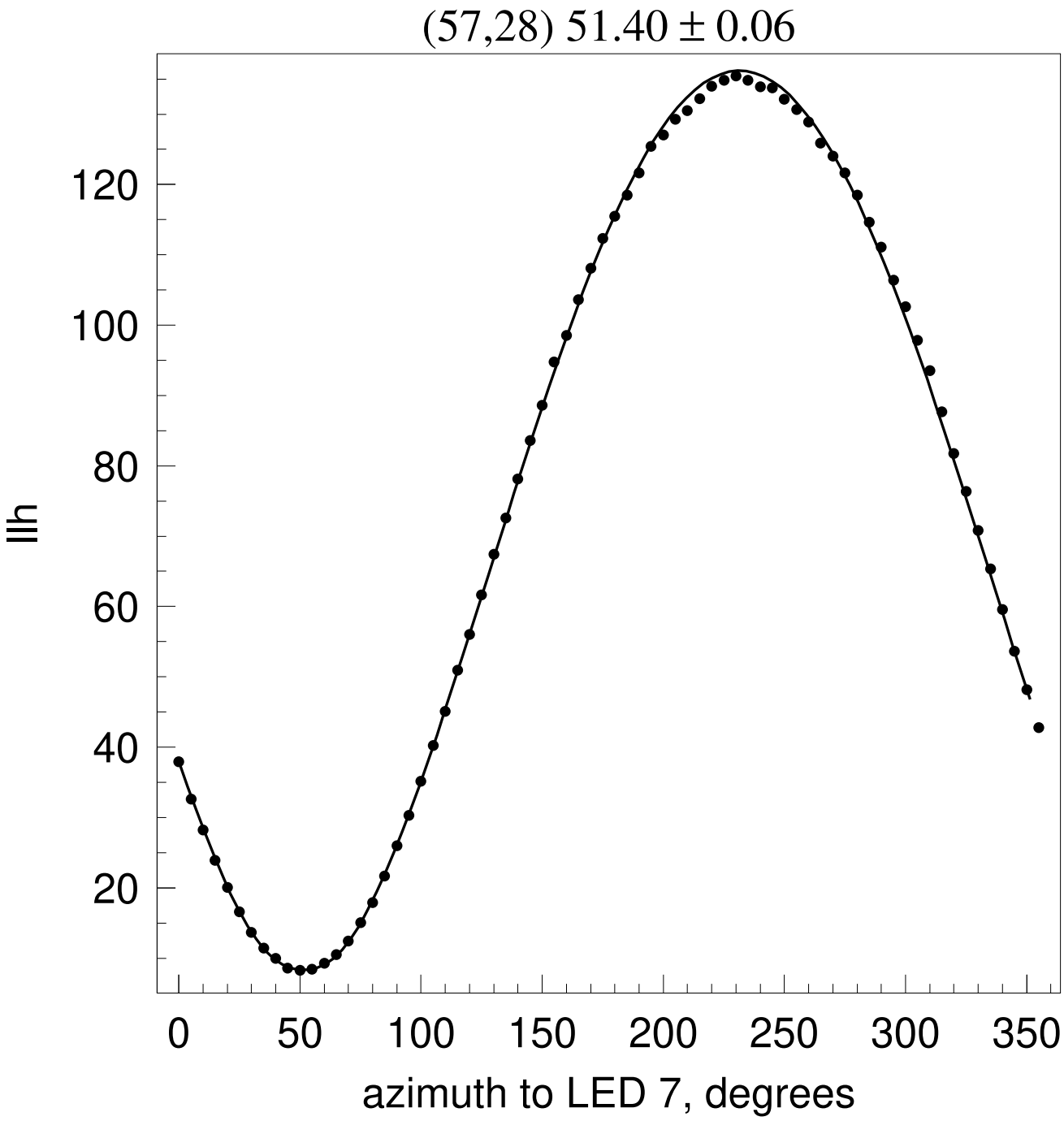

(57,23) 256.90 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

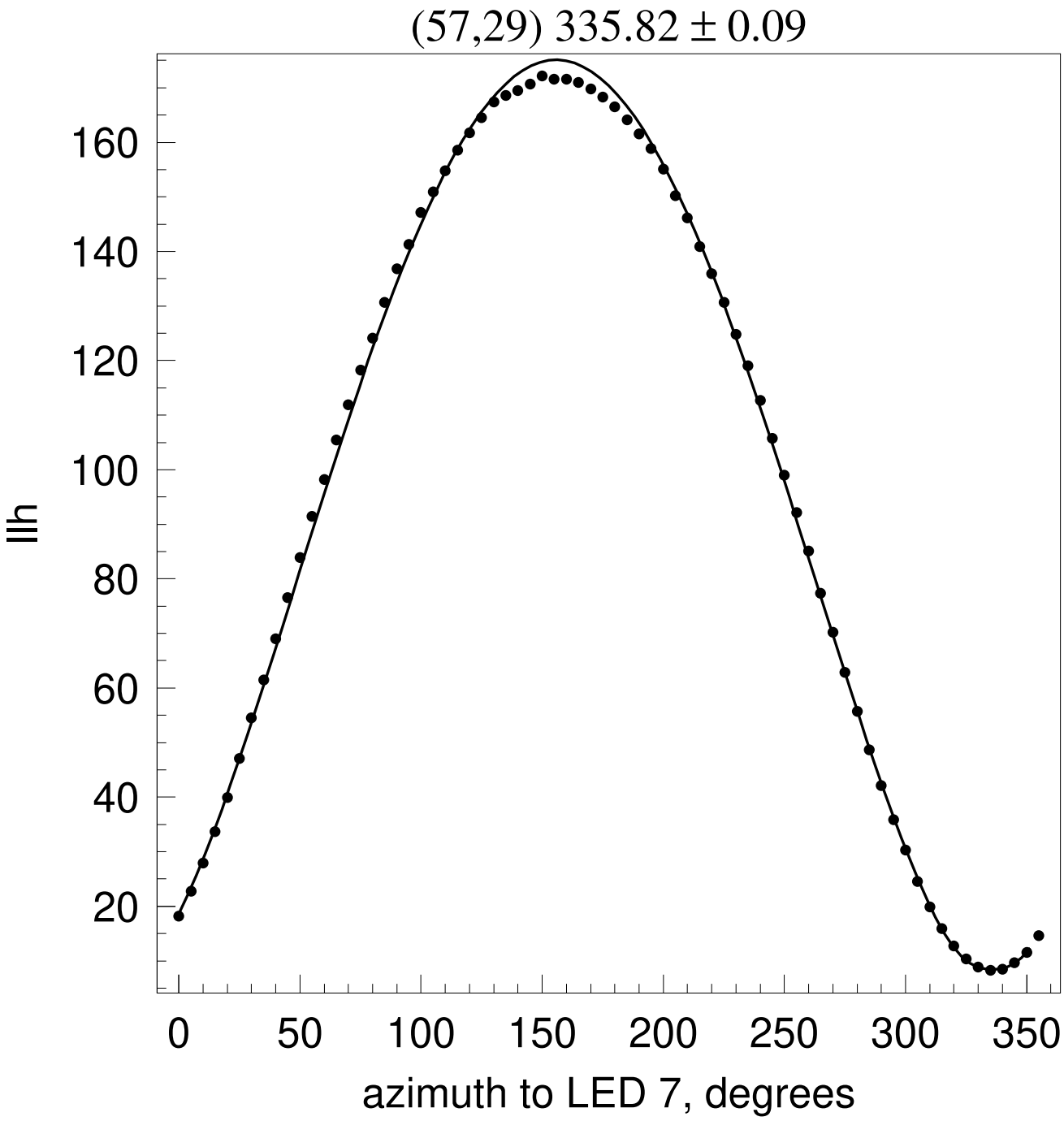

(57,24) 330.27 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

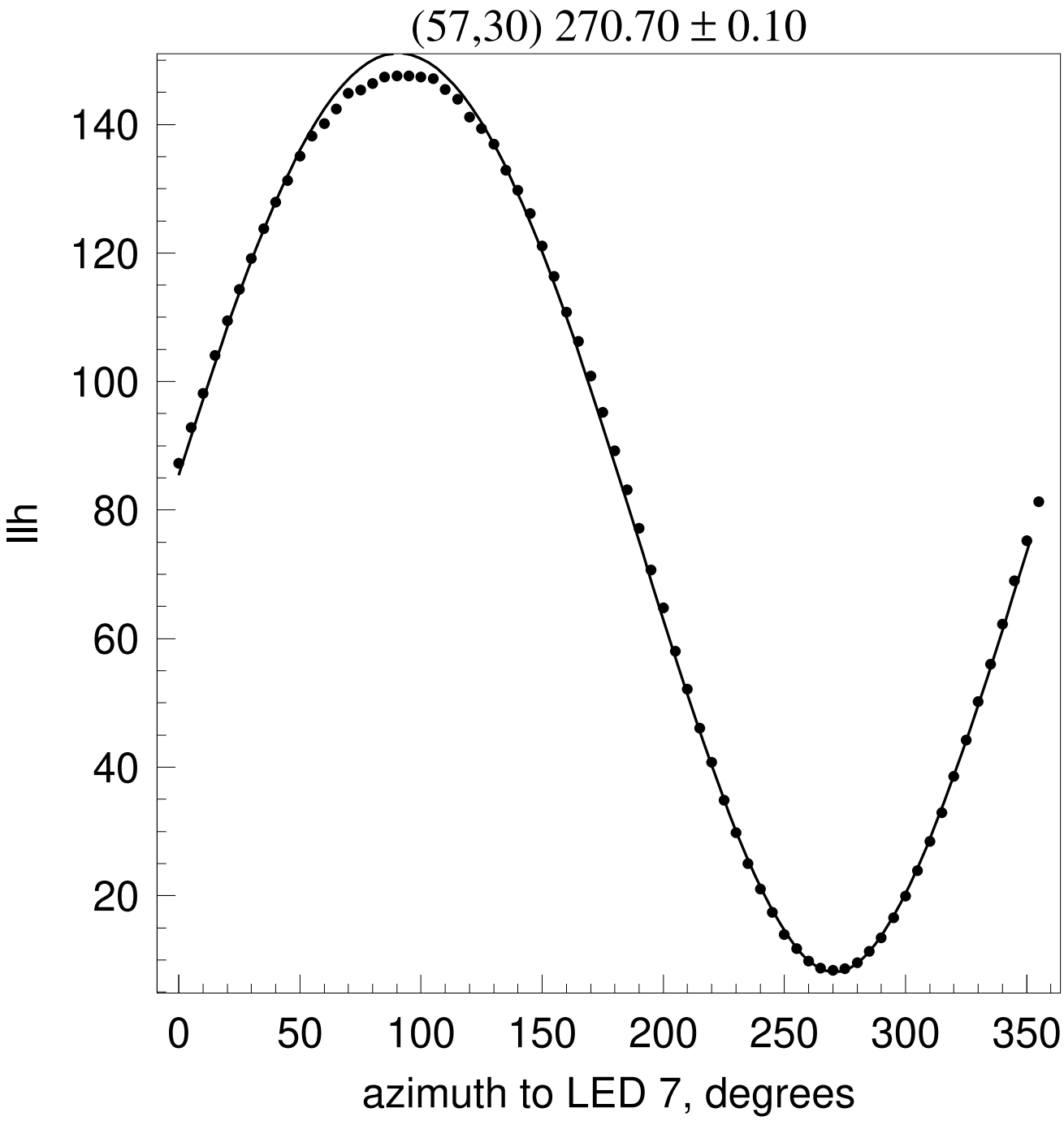

(57,25) 105.95 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

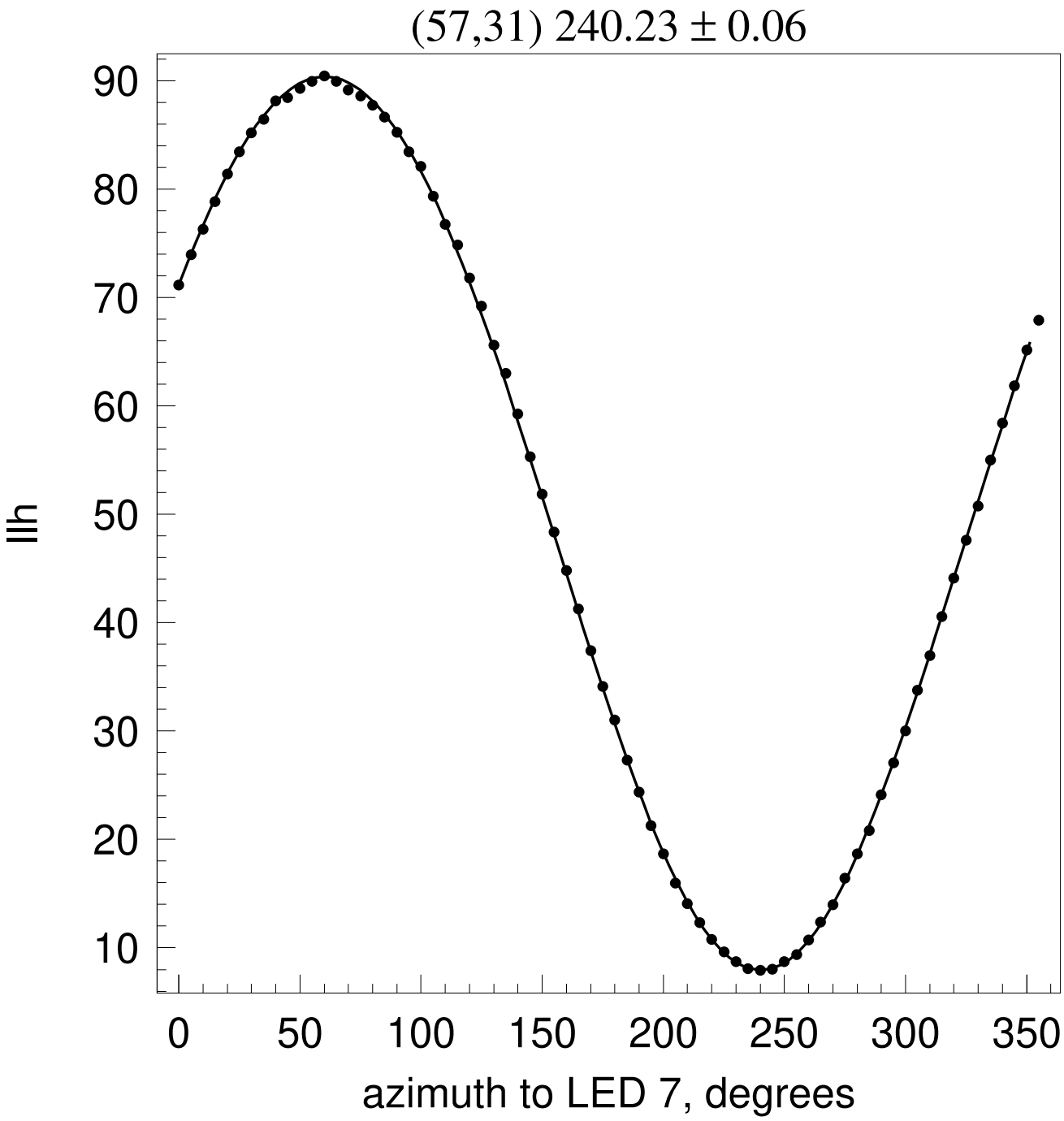

(57,26) 118.03 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

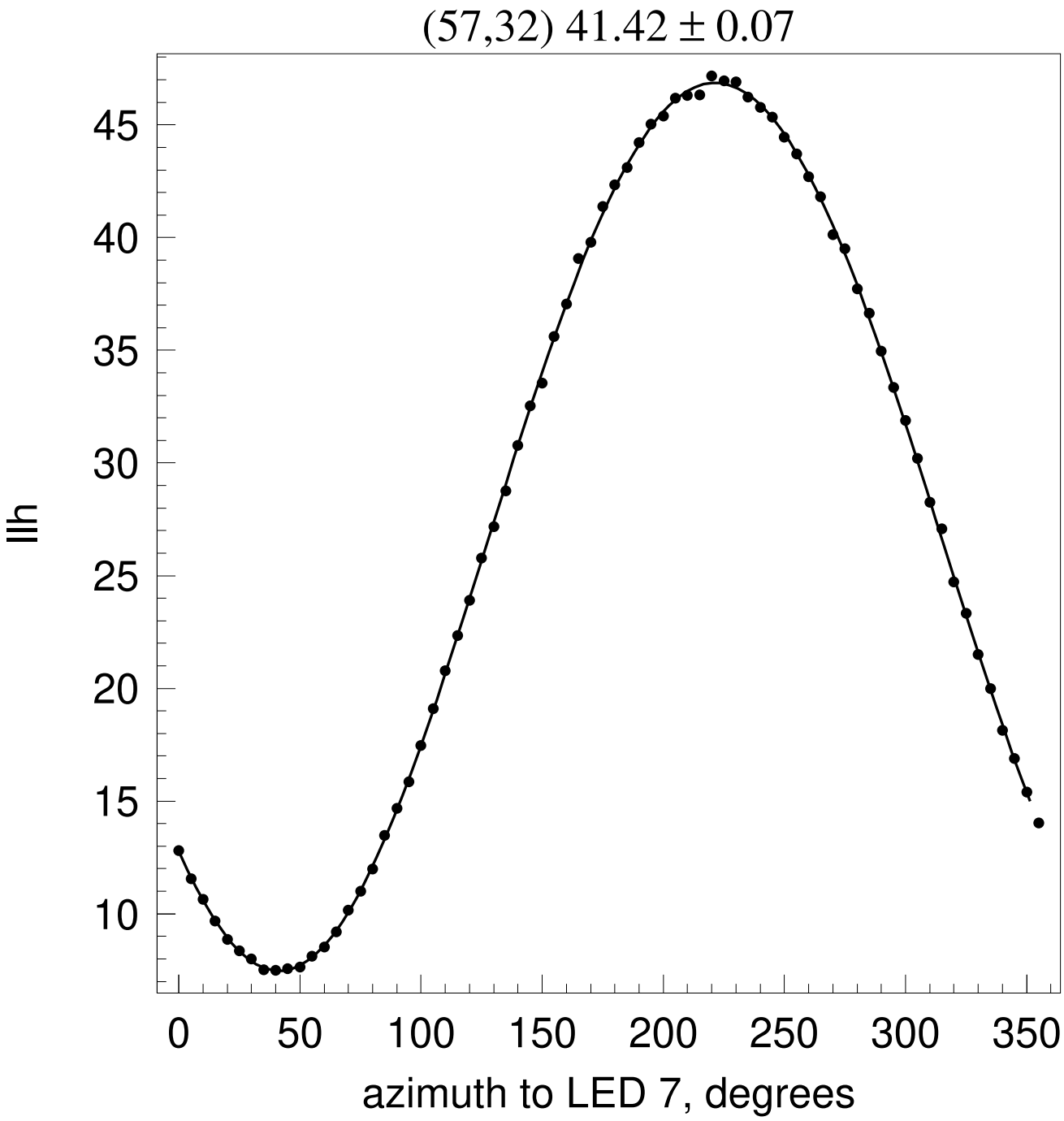

(57,27) 38.12 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

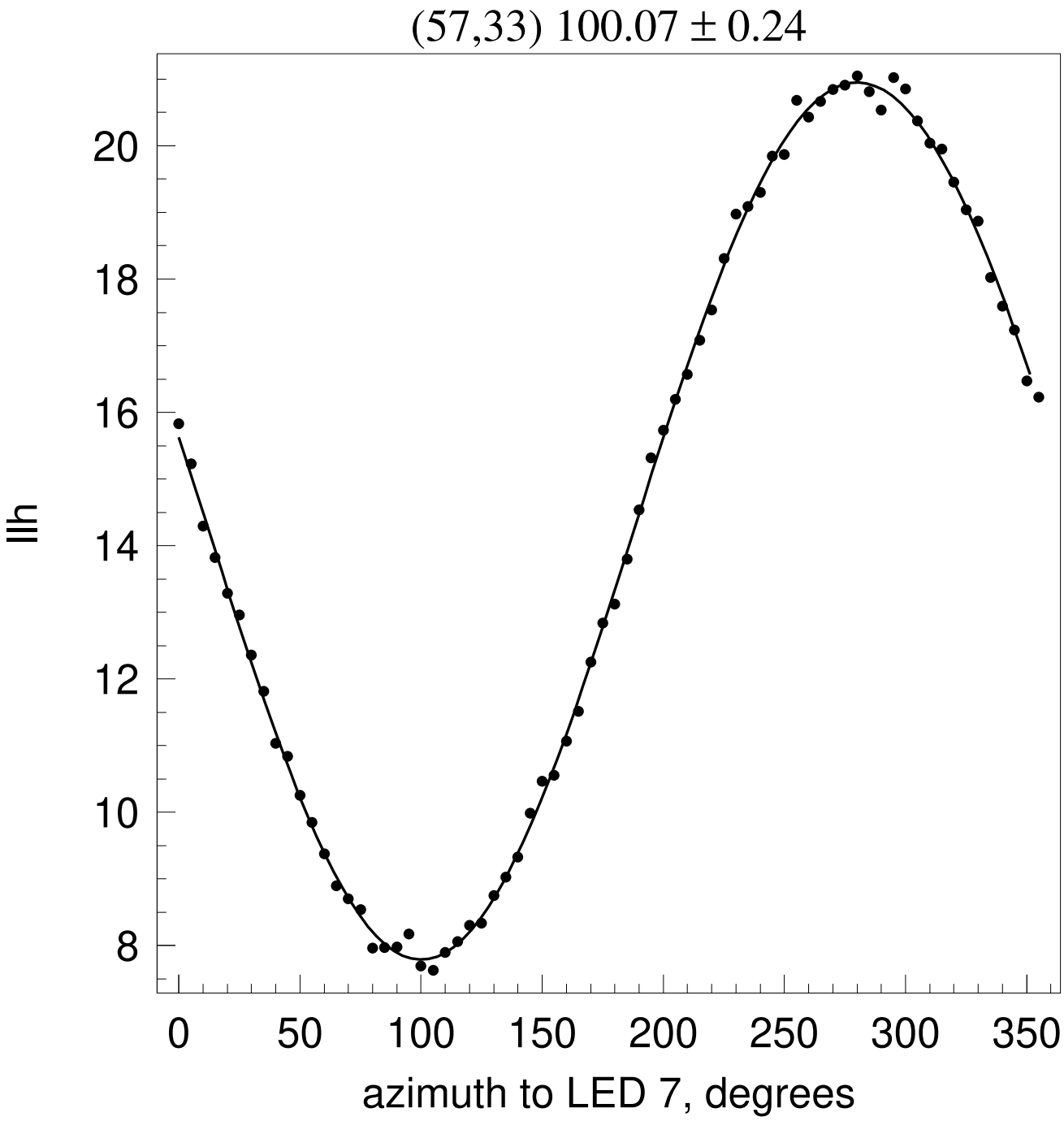

(57,28) 51.40 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

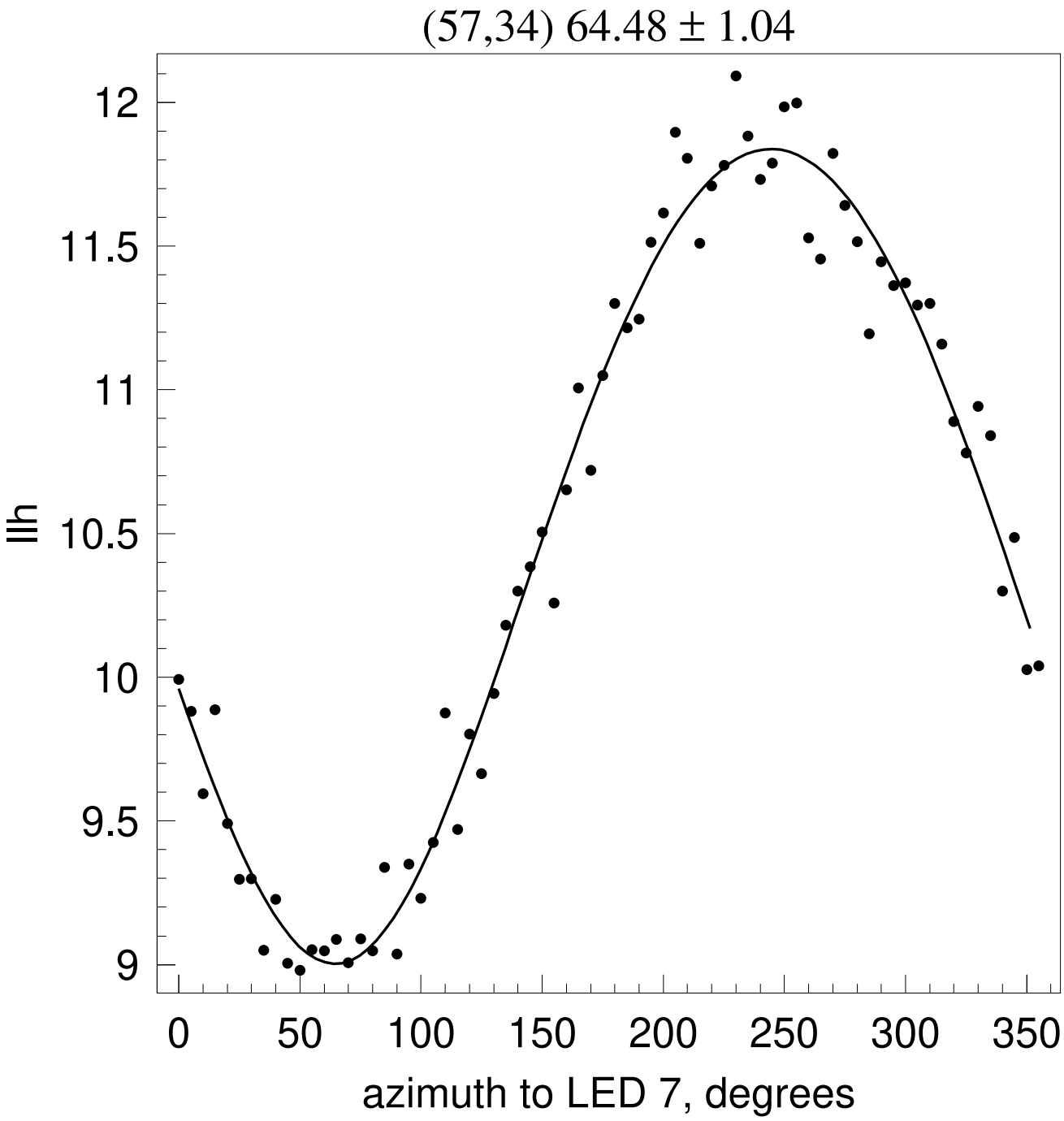

(57,29) 335.82 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

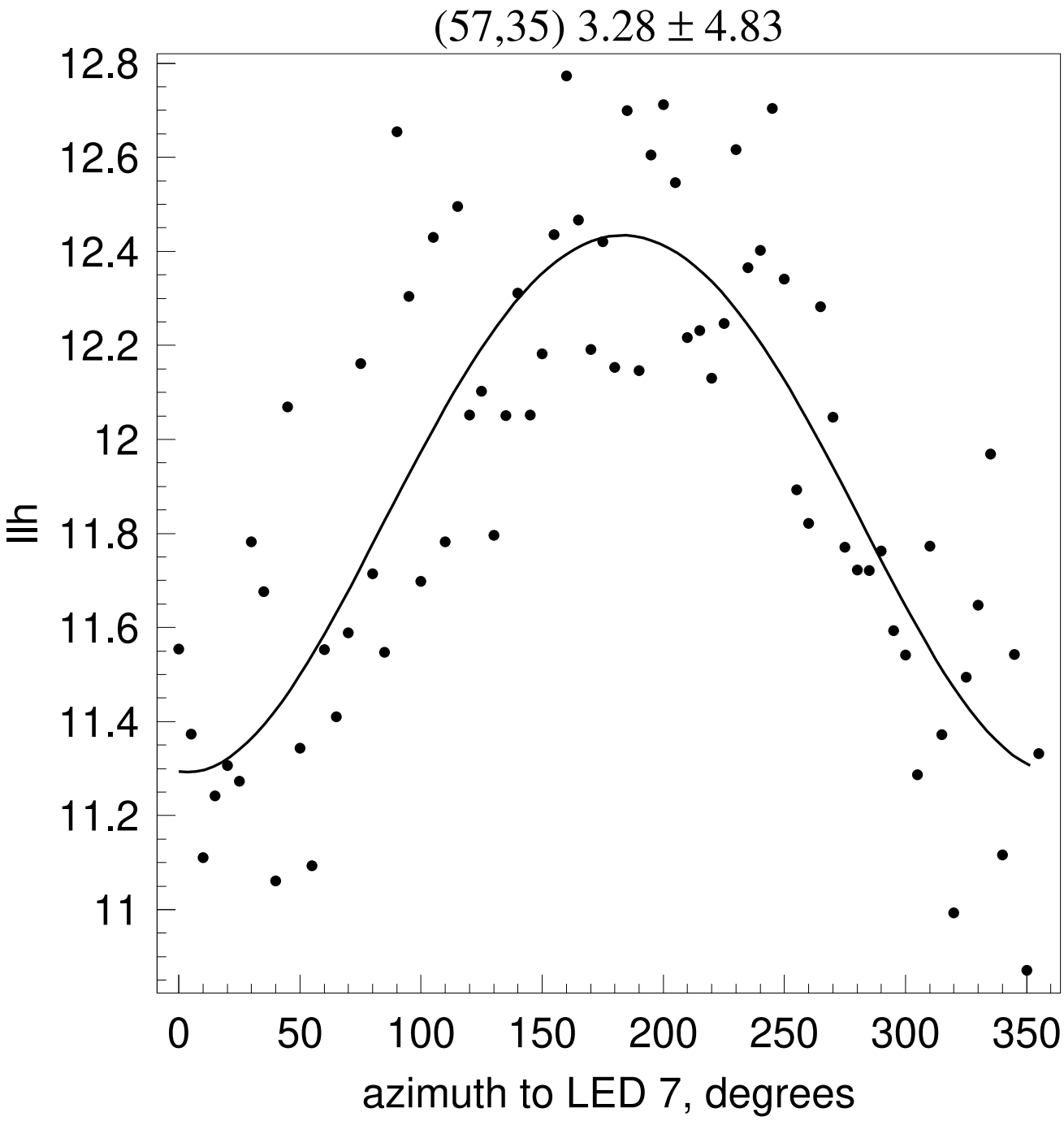

(57,30) 270.70 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

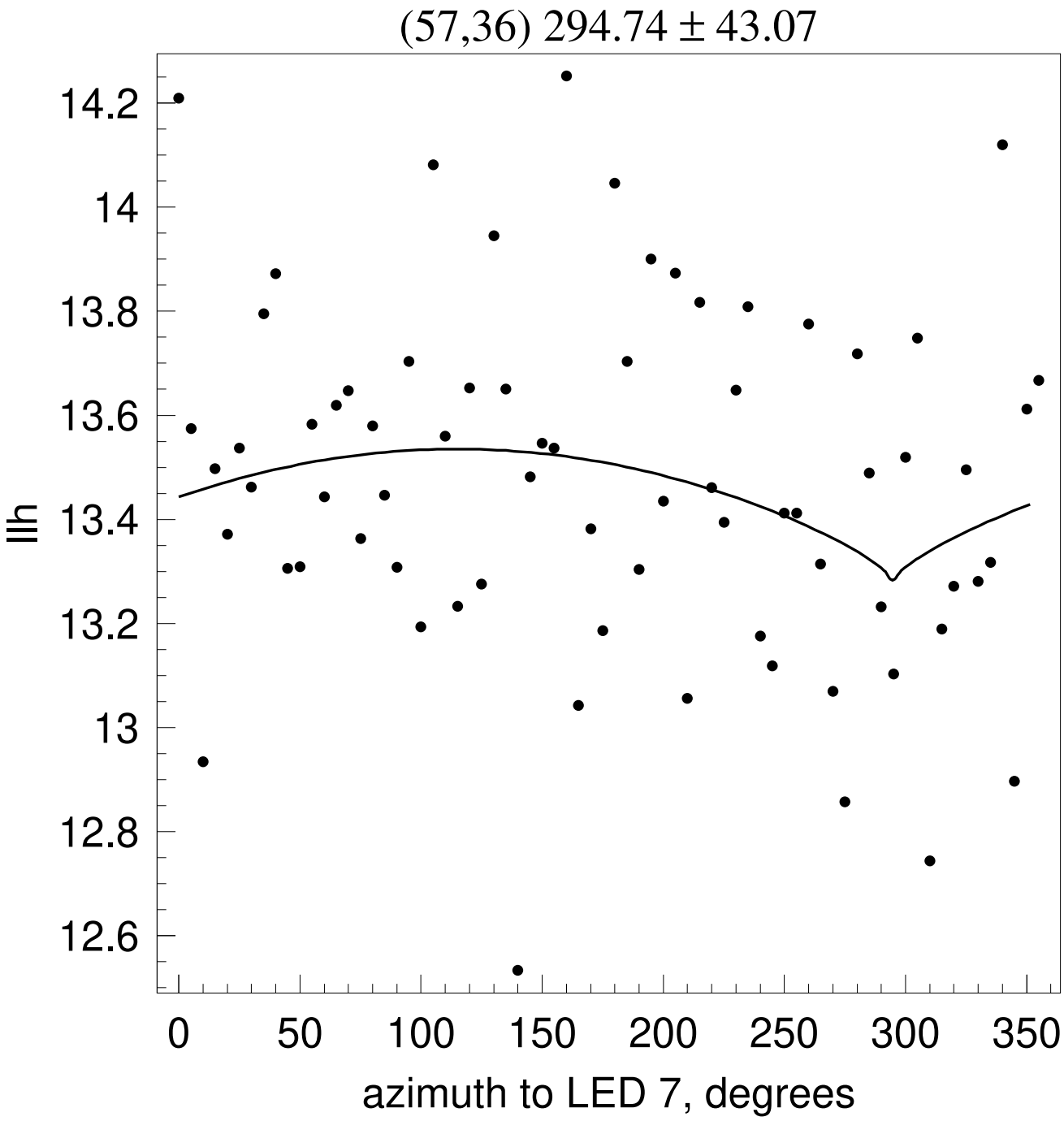

(57,31) 240.23 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

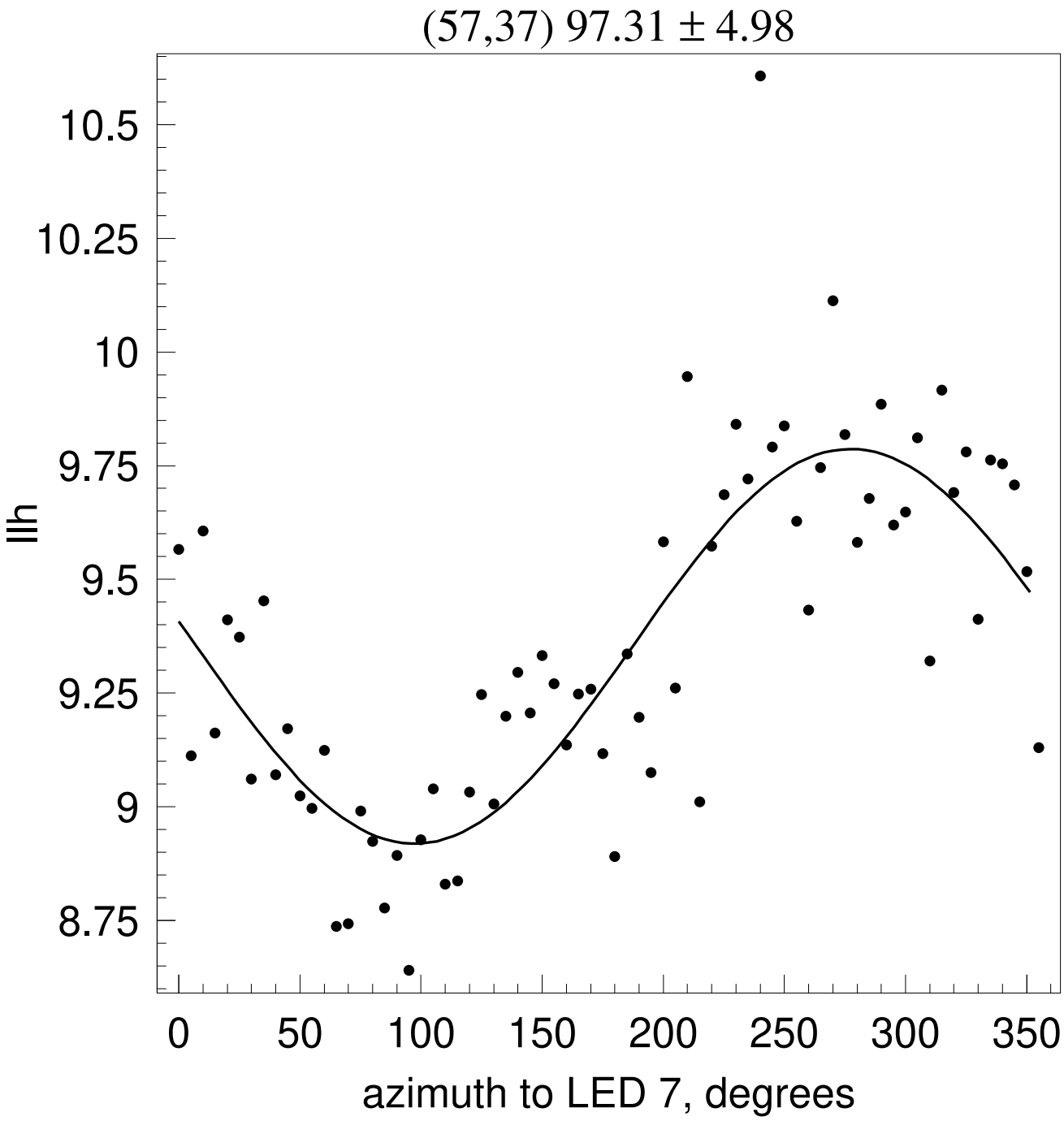

(57,32) 41.42 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

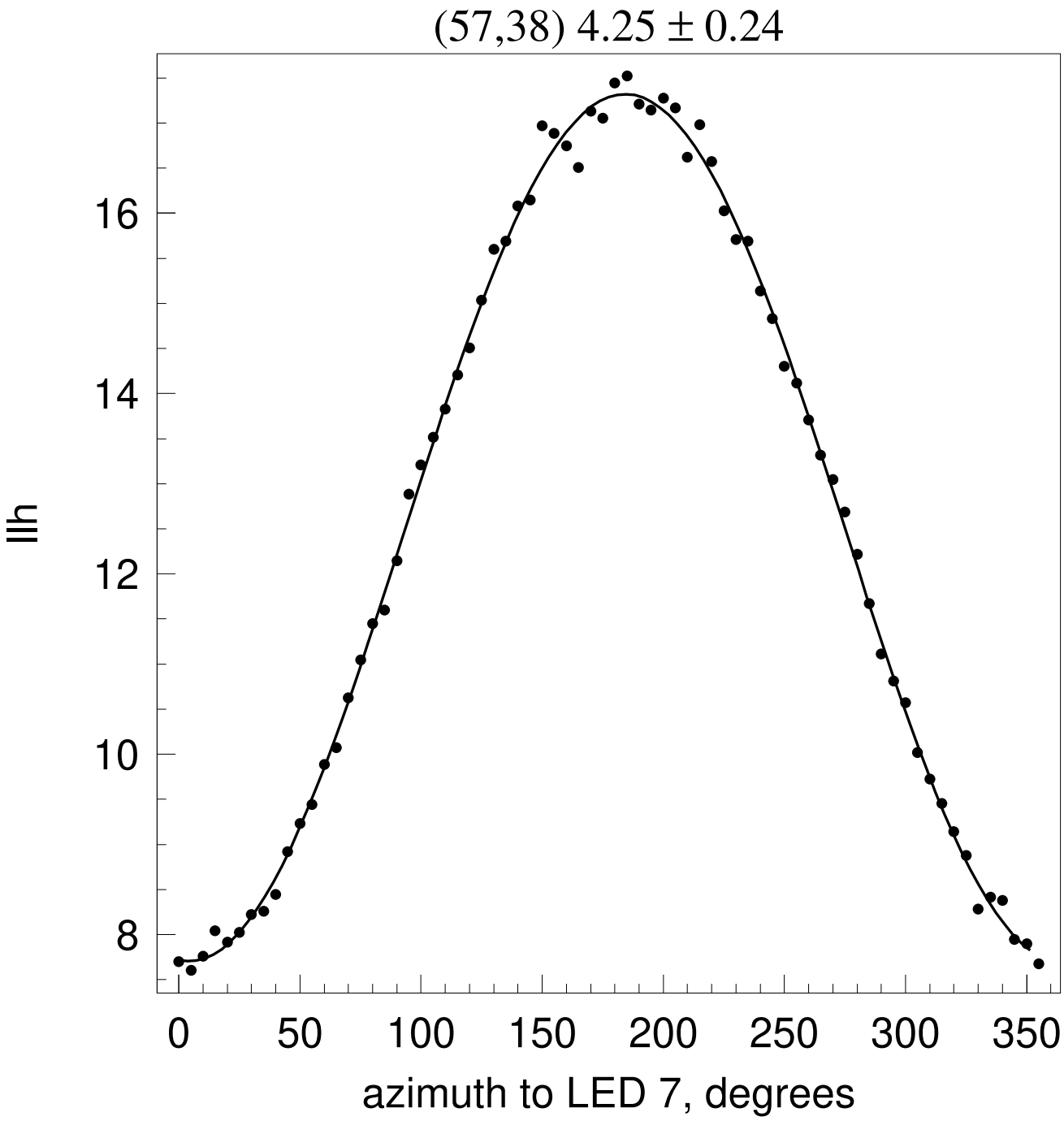

(57,33) 100.07 ± 0.24
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

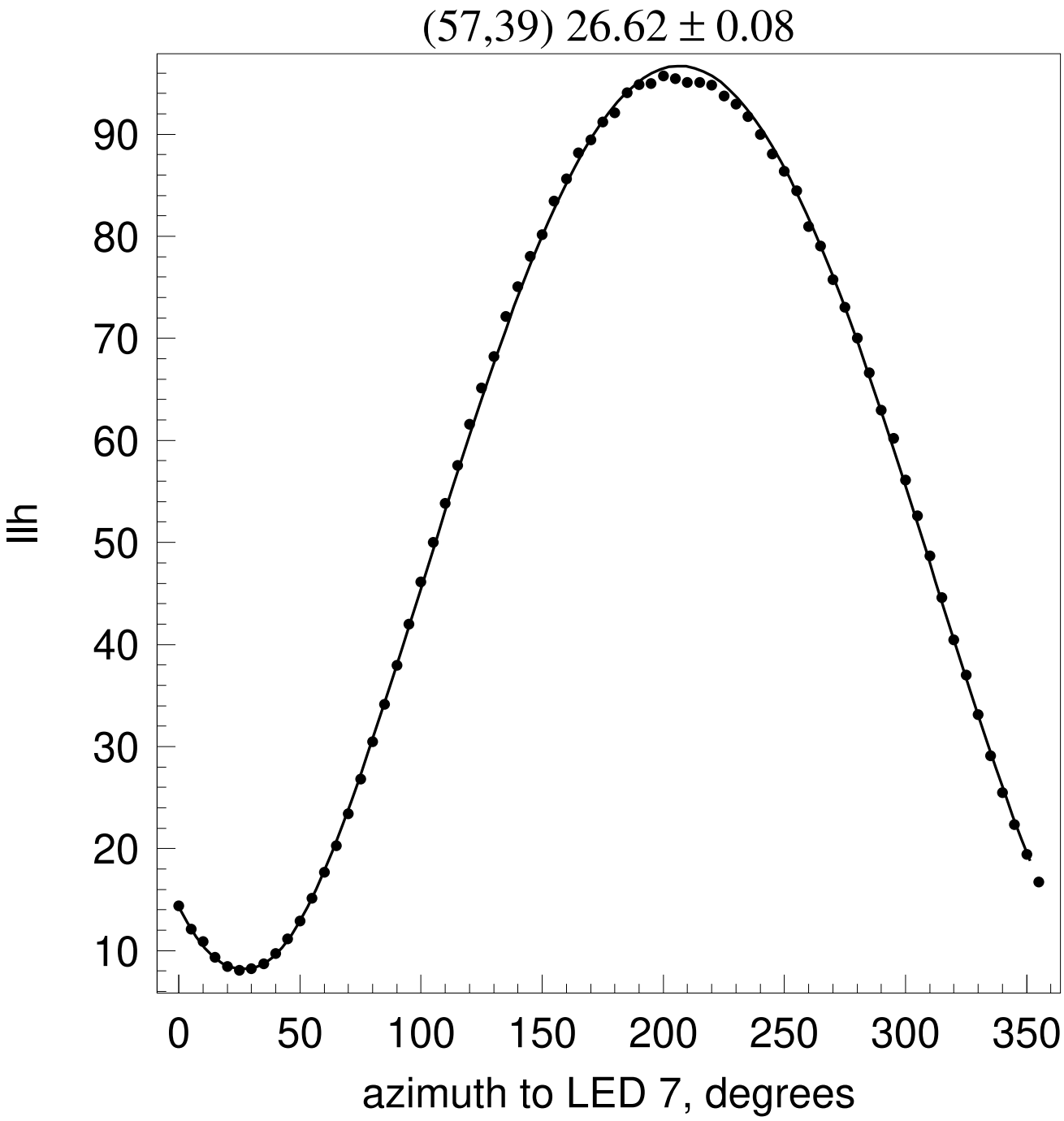

(57,34) 64.48 ± 1.04
12
11.5
11
10.5
10
9.5
9
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

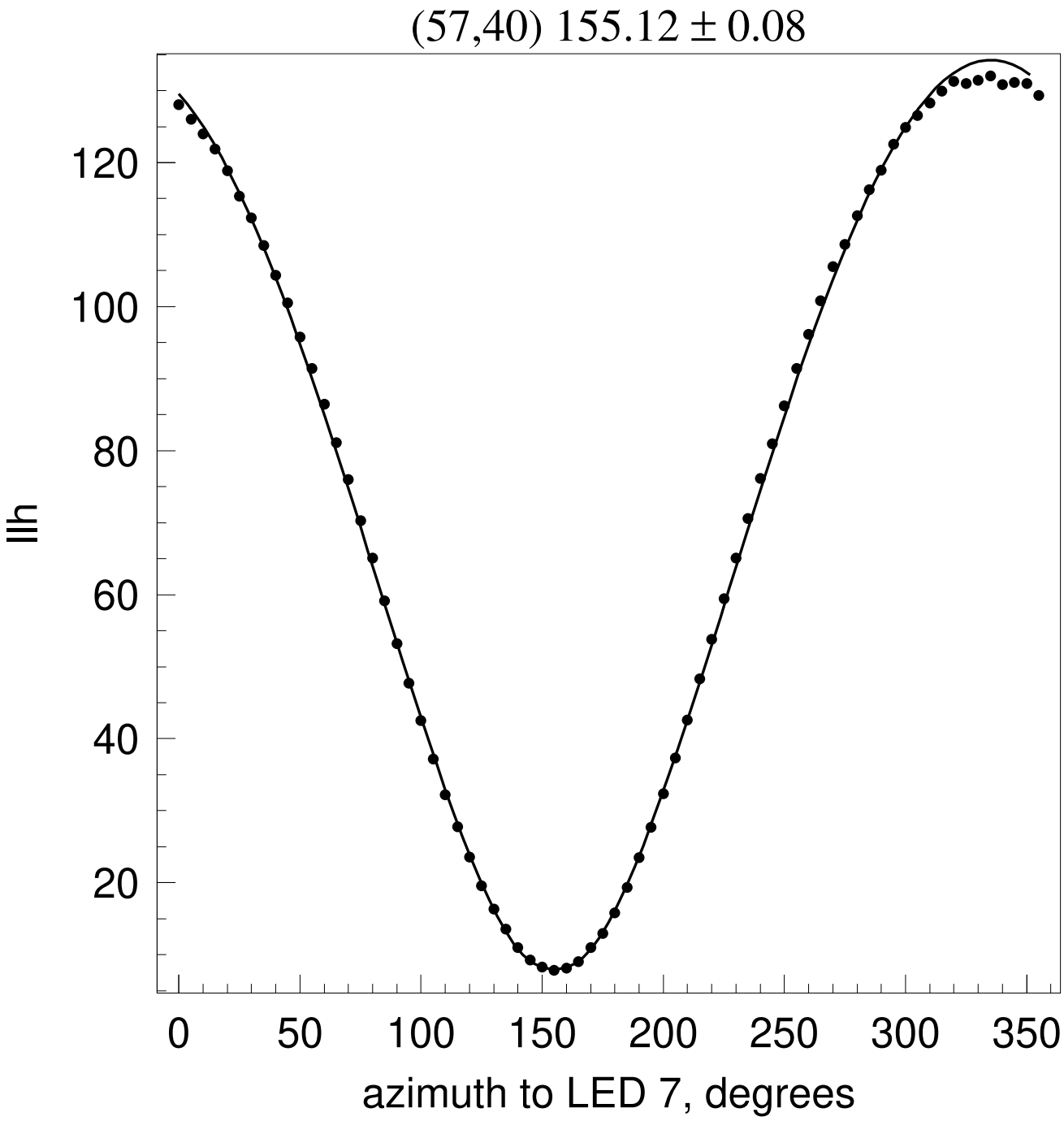

(57,35) 3.28 ± 4.83
12.8
12.6
12.4
12.2
12
11.8
11.6
11.4
11.2
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

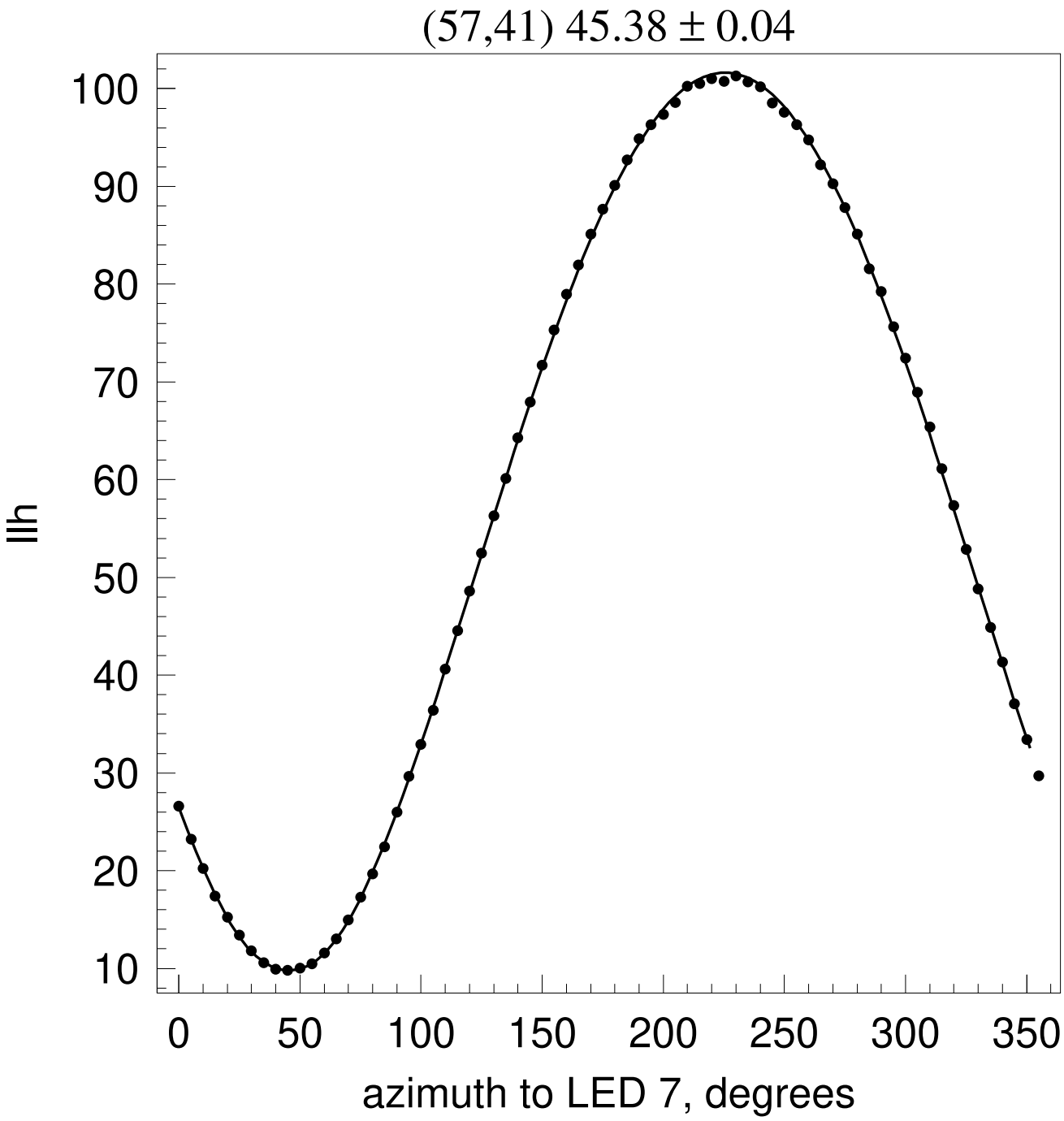

(57,36) 294.74 ± 43.07
14.2
14
13.8
13.6
13.4
13.2
13
12.8
12.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

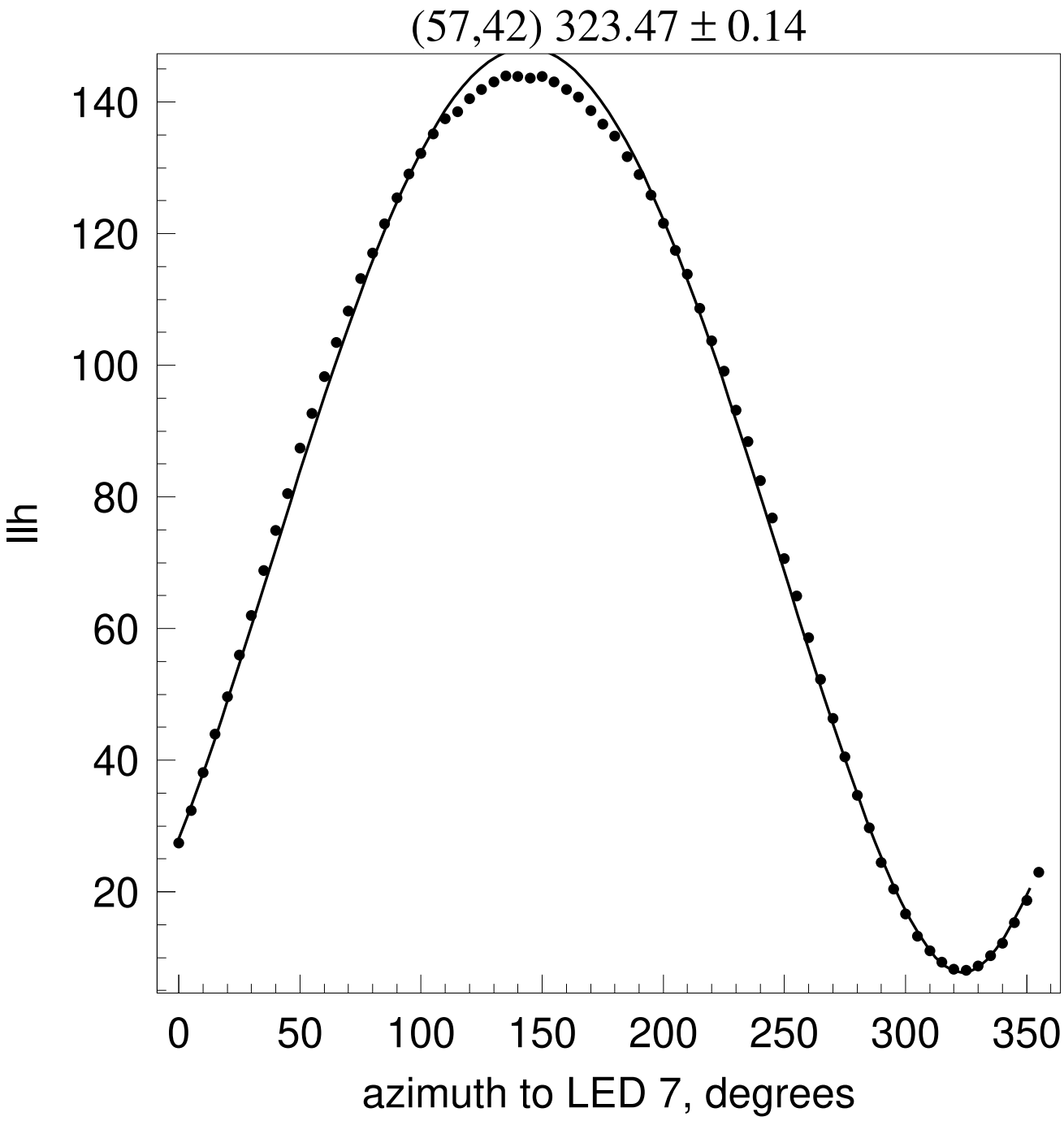

(57,37) 97.31 ± 4.98
10.5
10.25
10
9.75
9.5
9.25
9
8.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

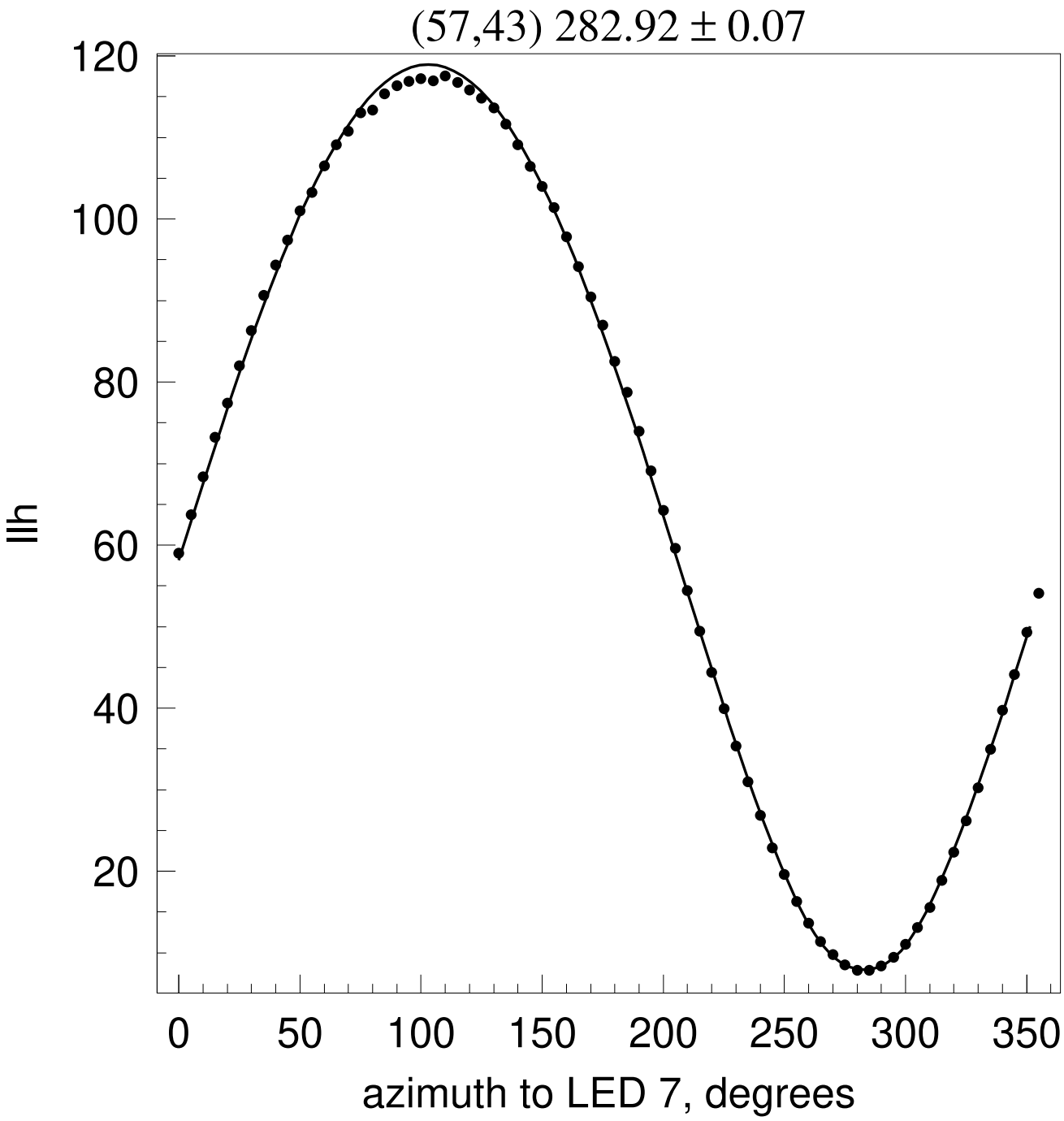

(57,38) 4.25 ± 0.24
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

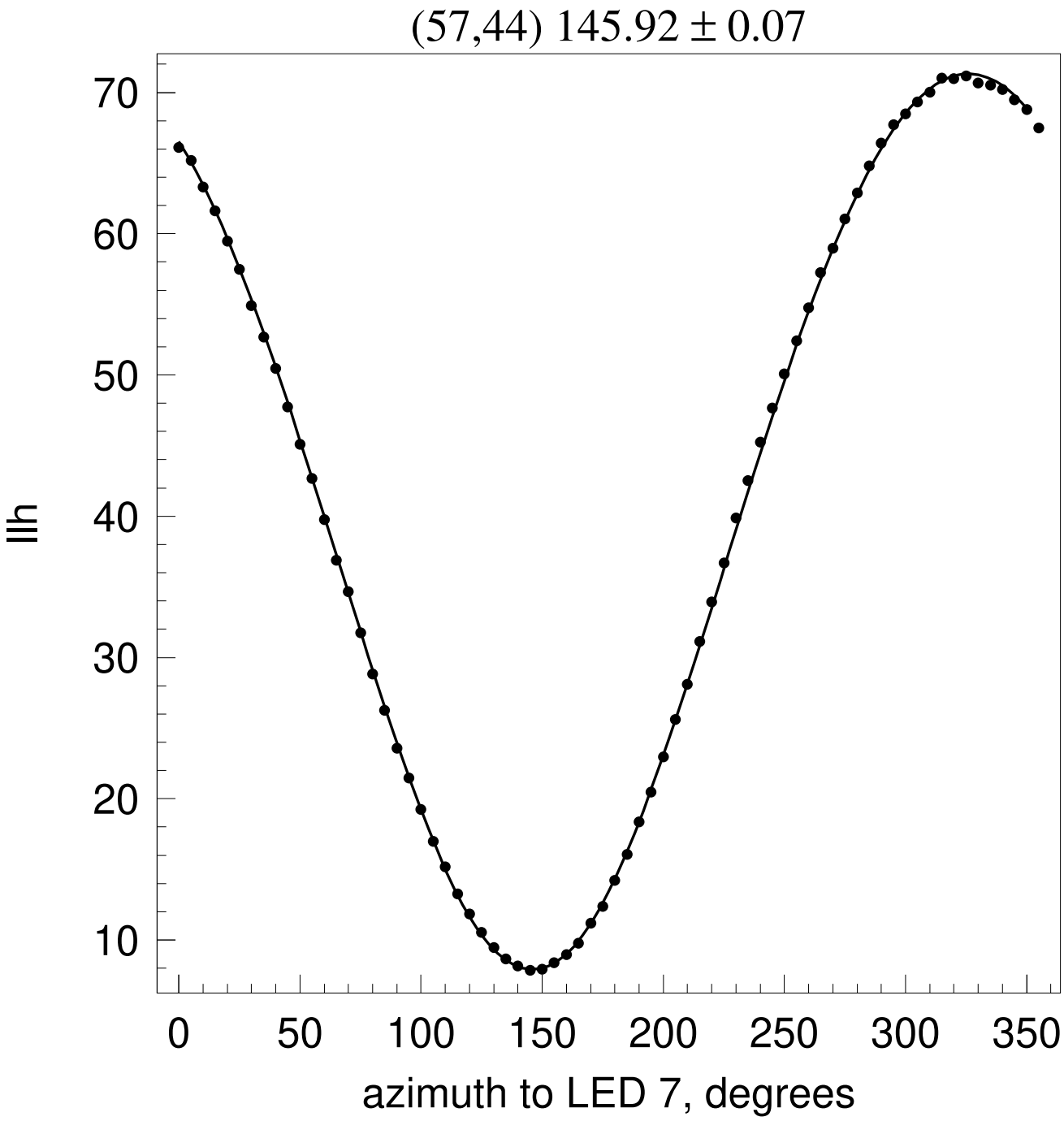

(57,39) 26.62 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

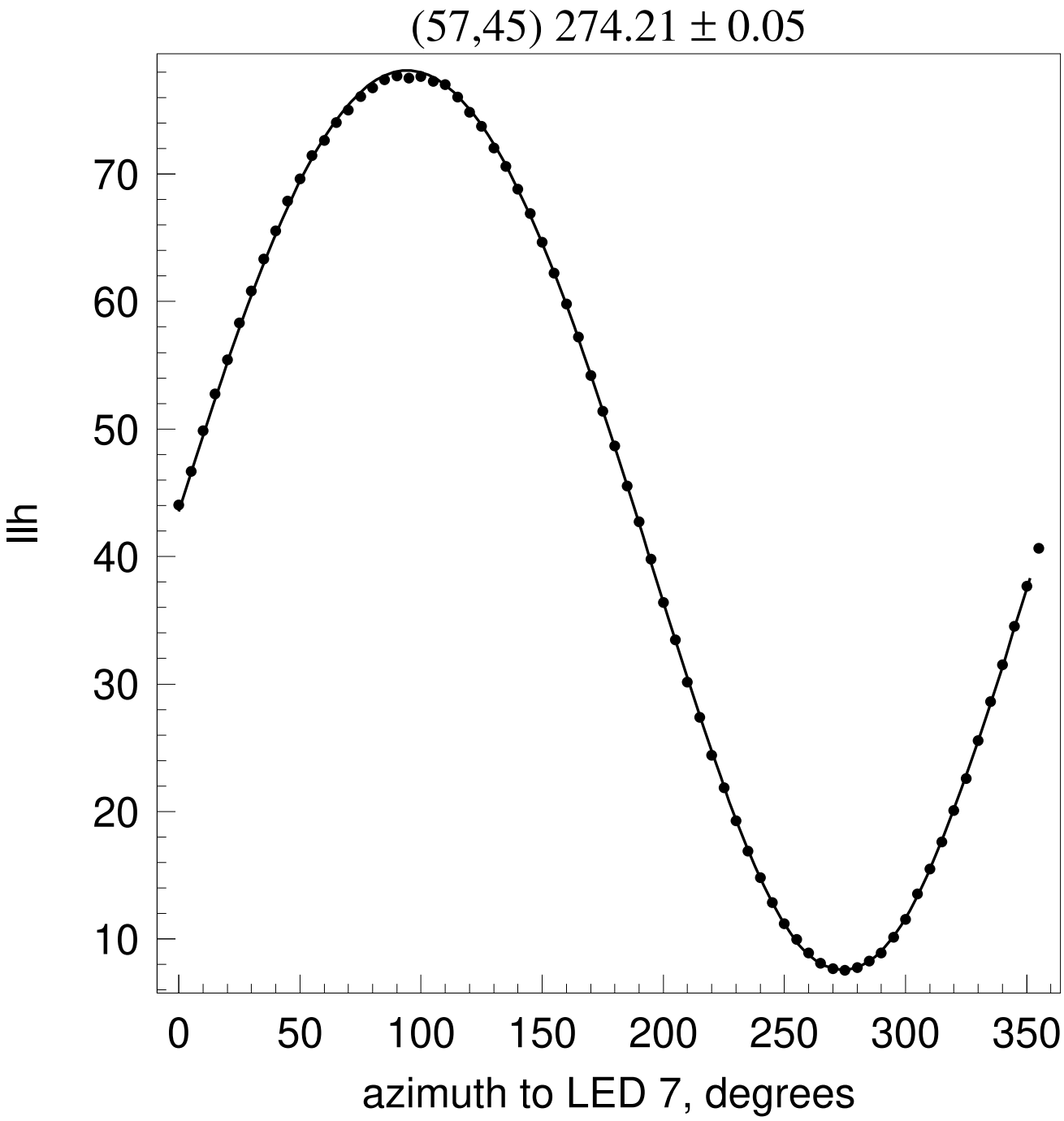

(57,40) 155.12 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

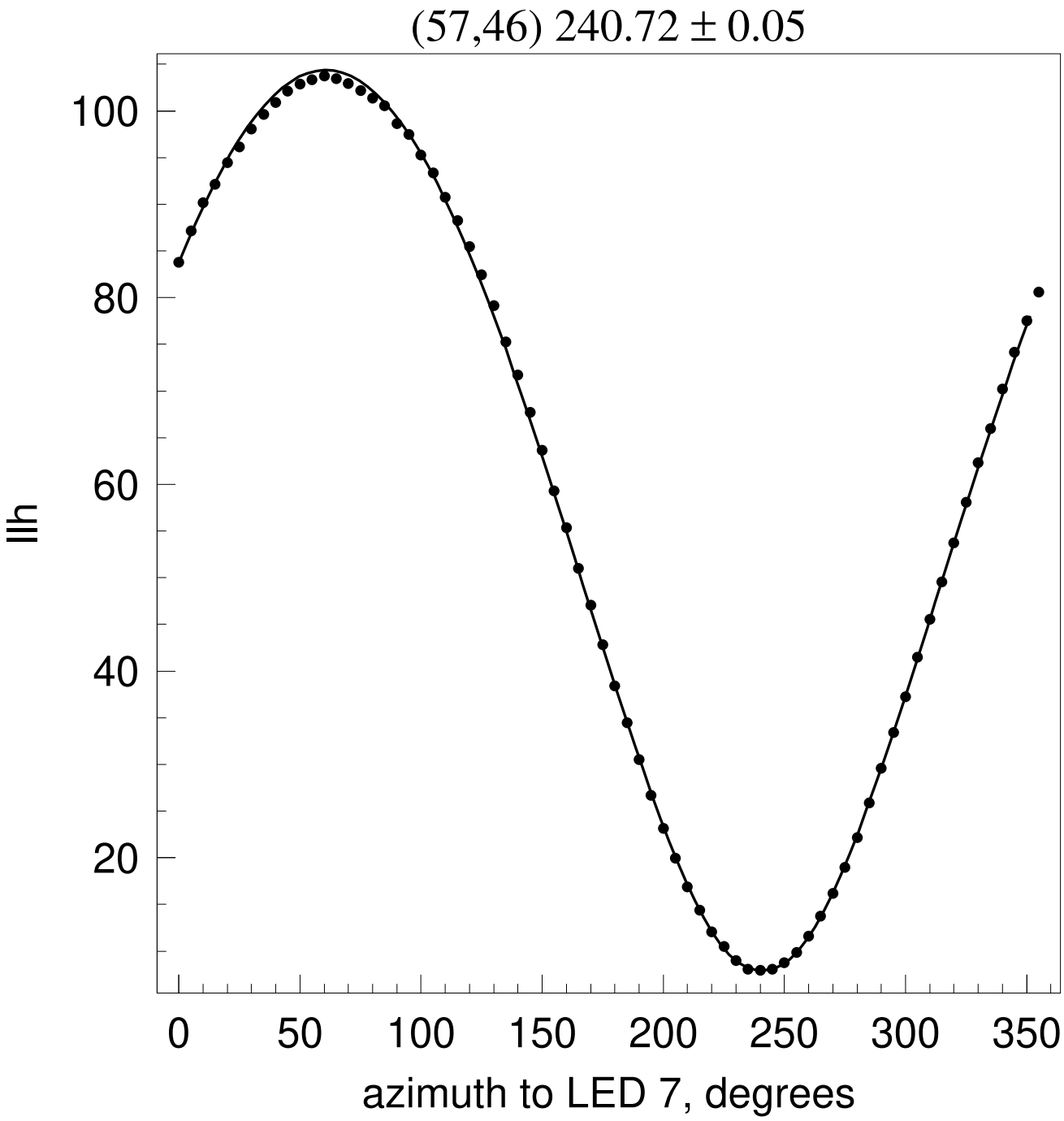

(57,41) 45.38 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

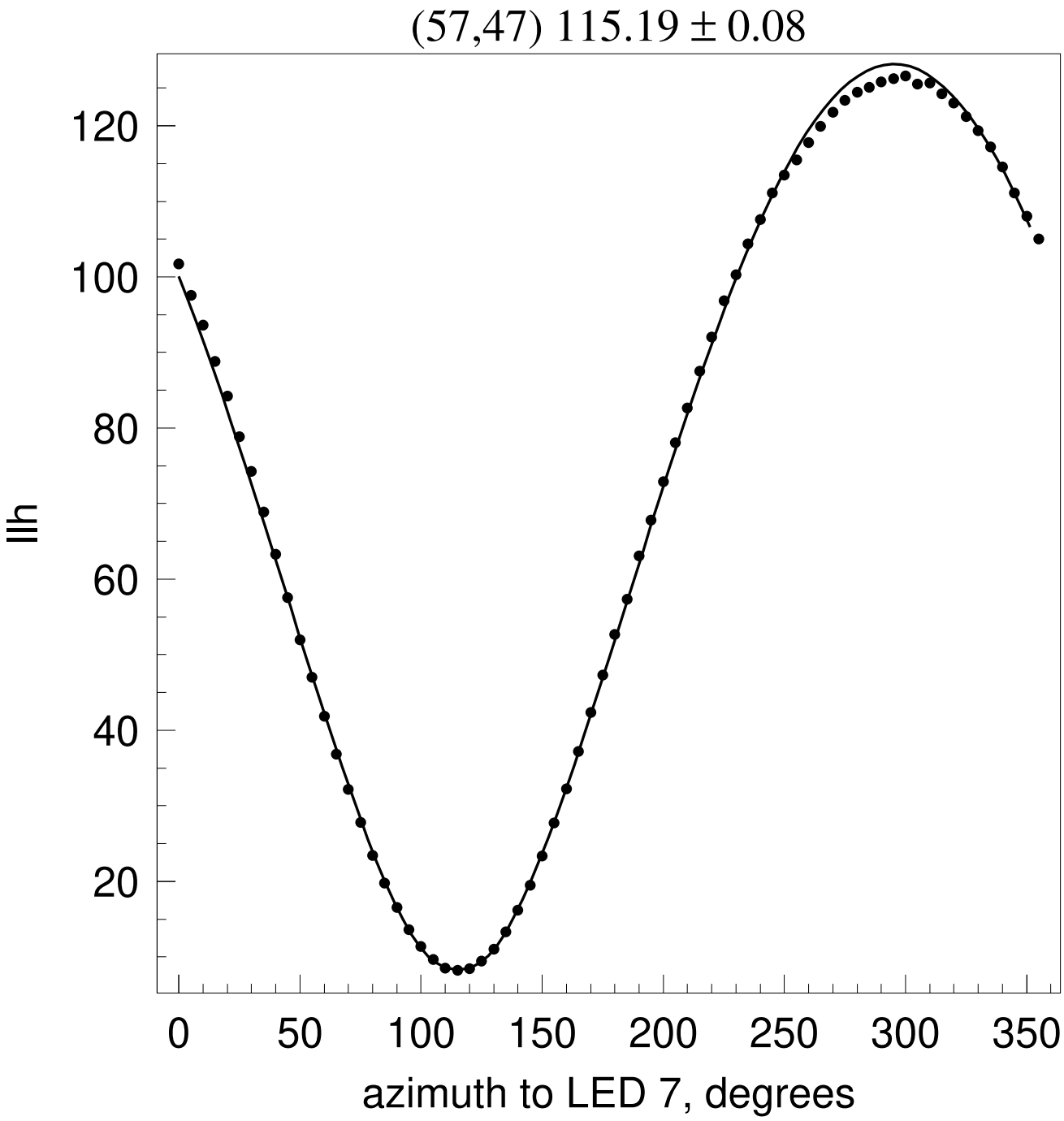

(57,42) 323.47 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

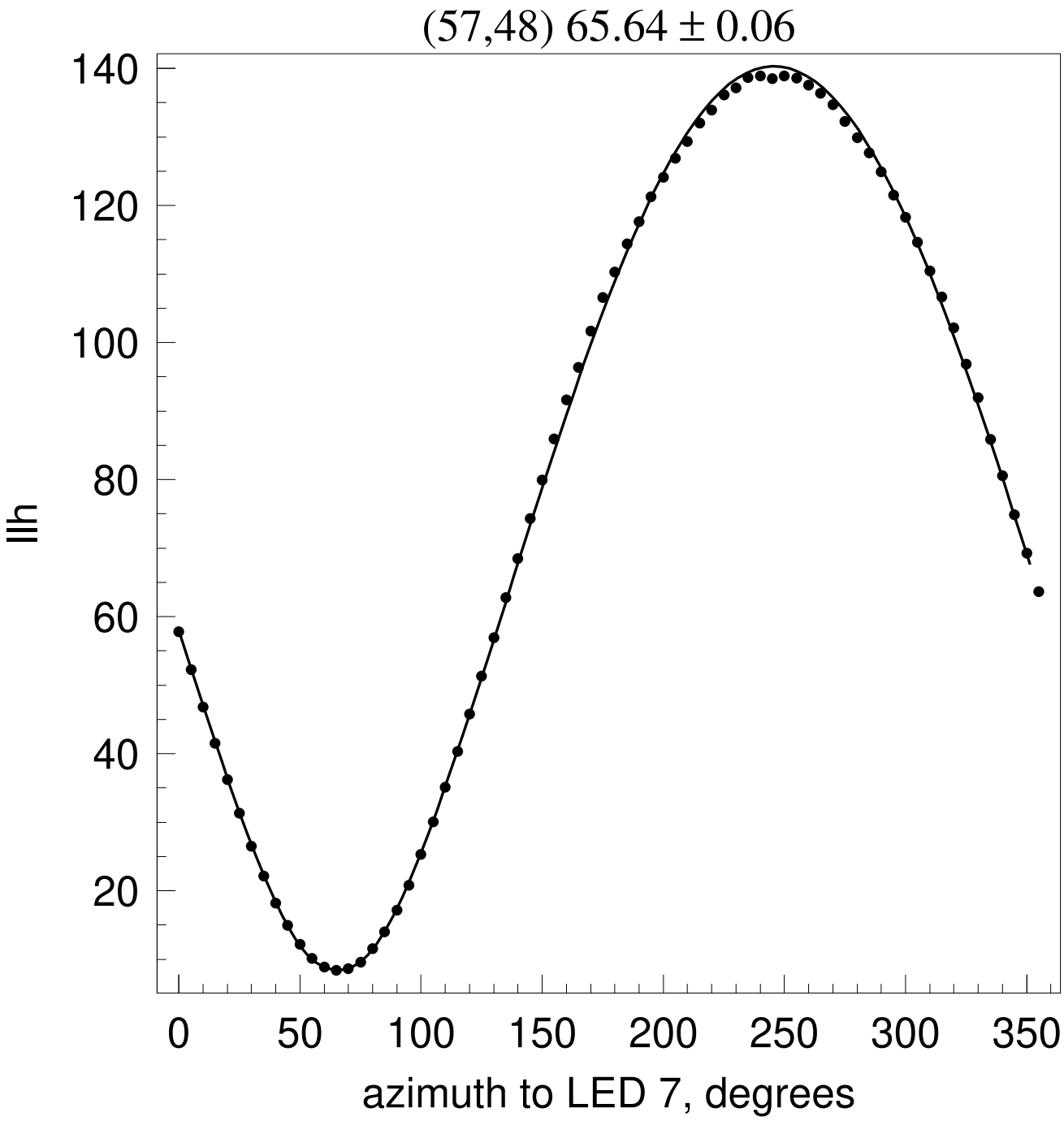

(57,43) 282.92 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

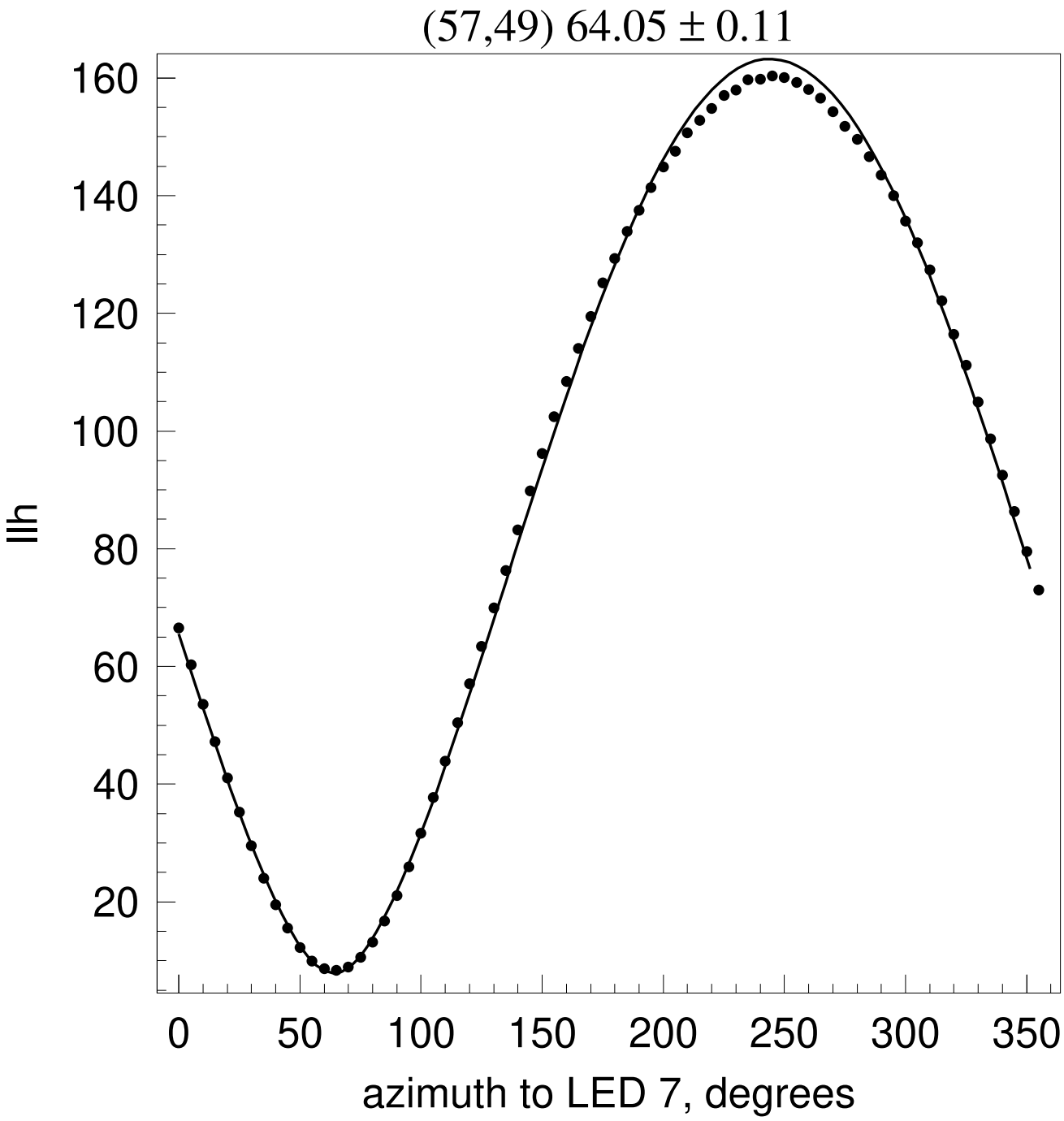

(57,44) 145.92 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

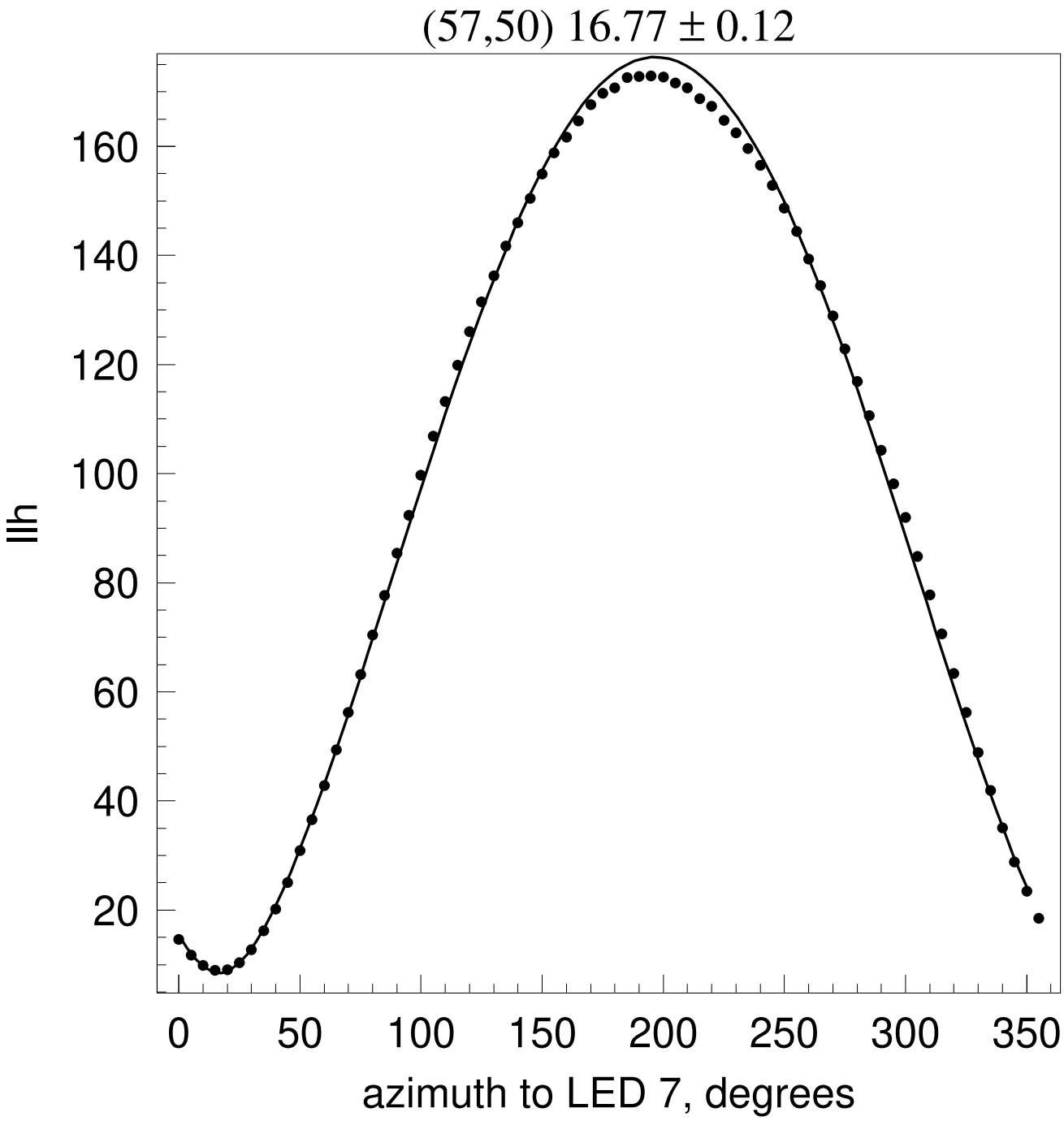

(57,45) 274.21 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

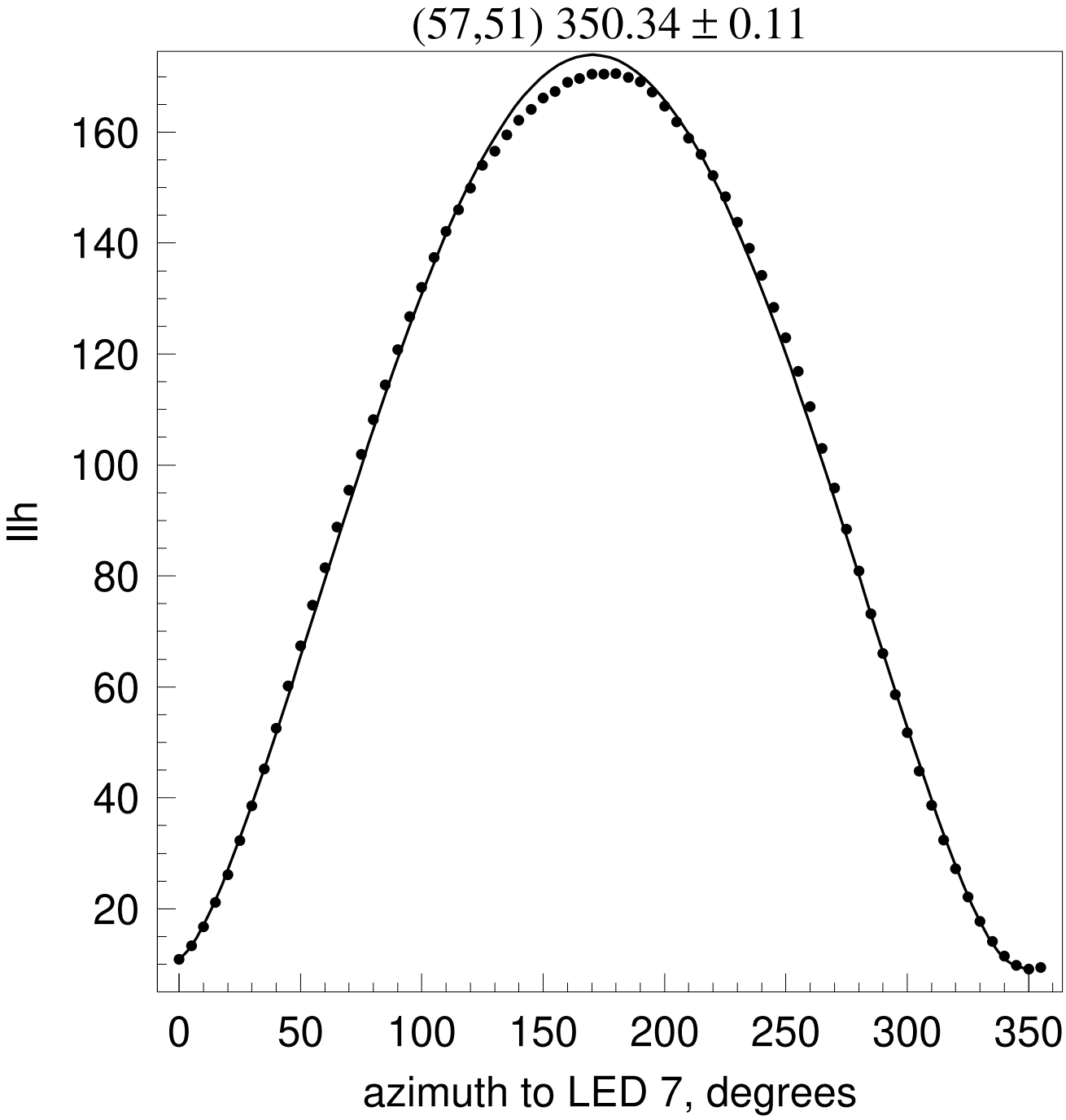

(57,46) 240.72 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

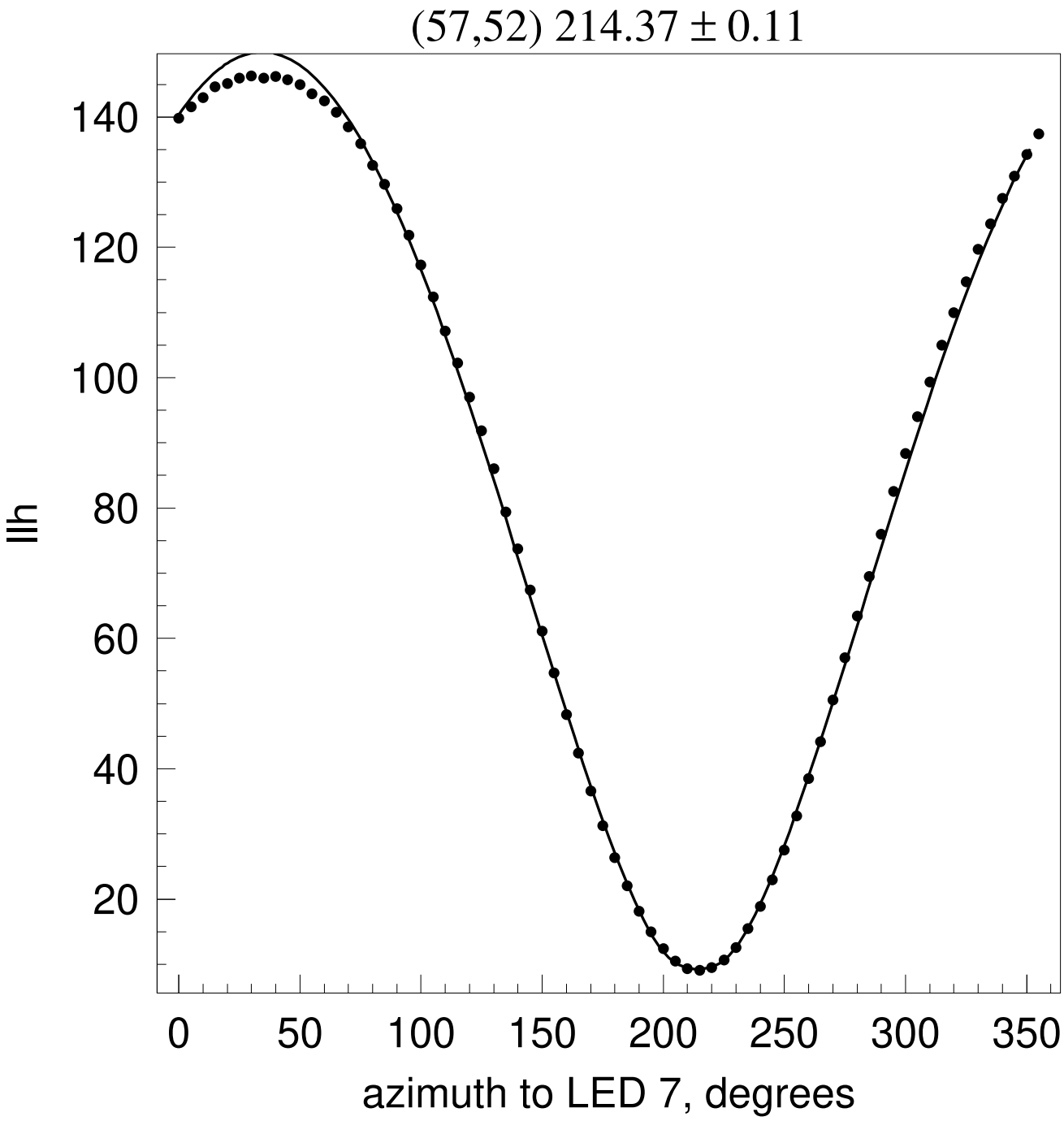

(57,47) 115.19 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

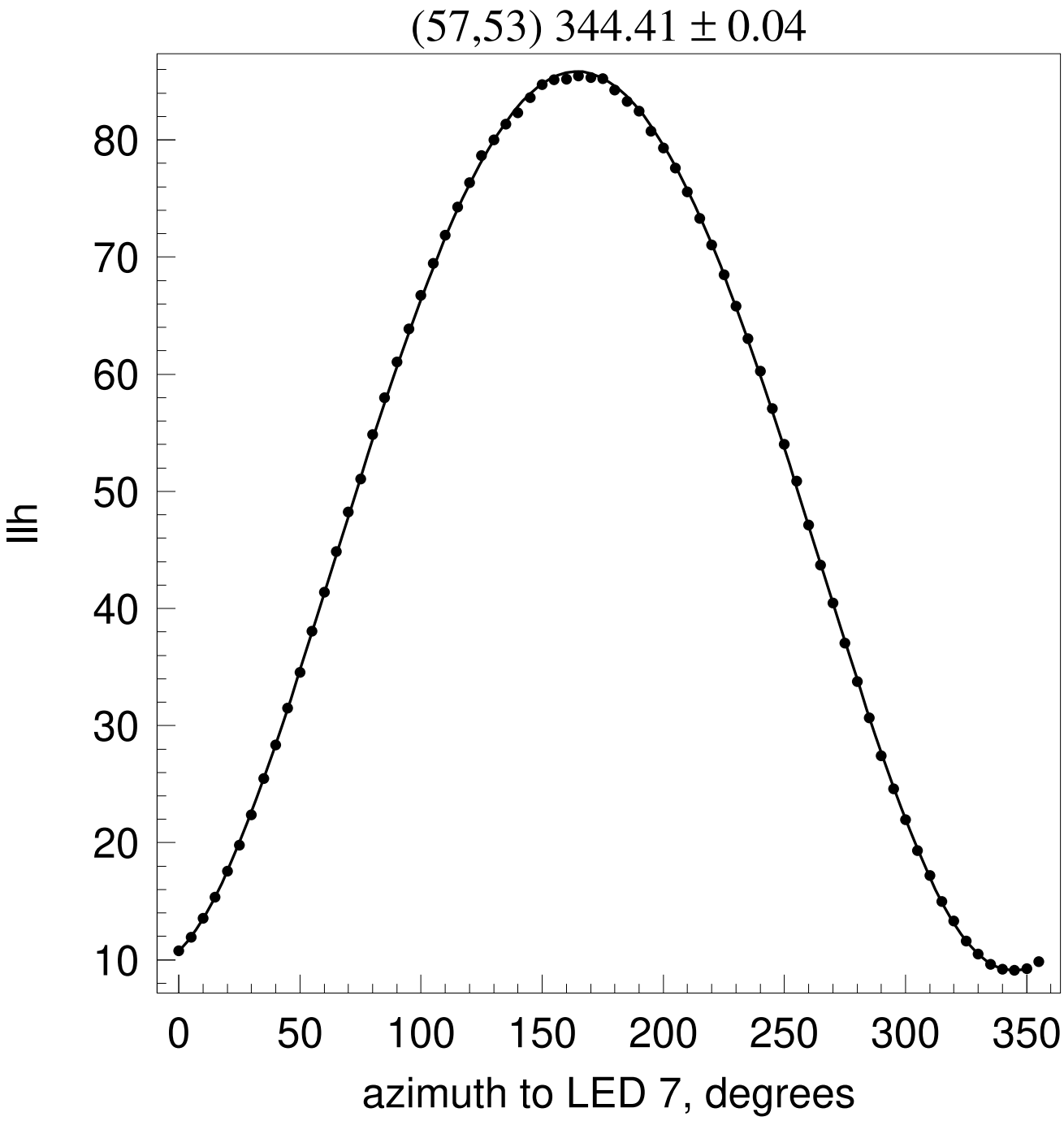

(57,48) 65.64 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

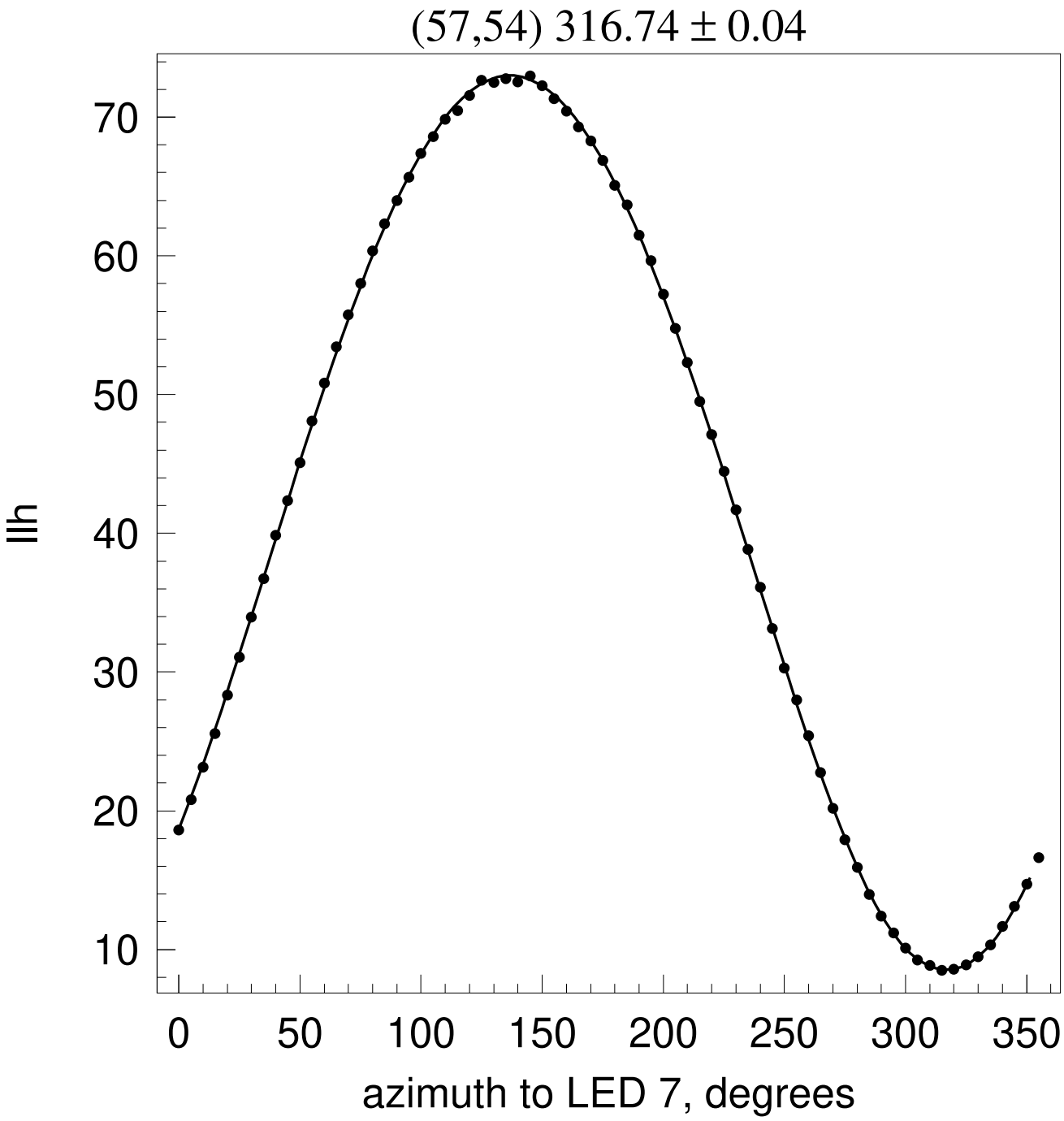

(57,49) 64.05 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

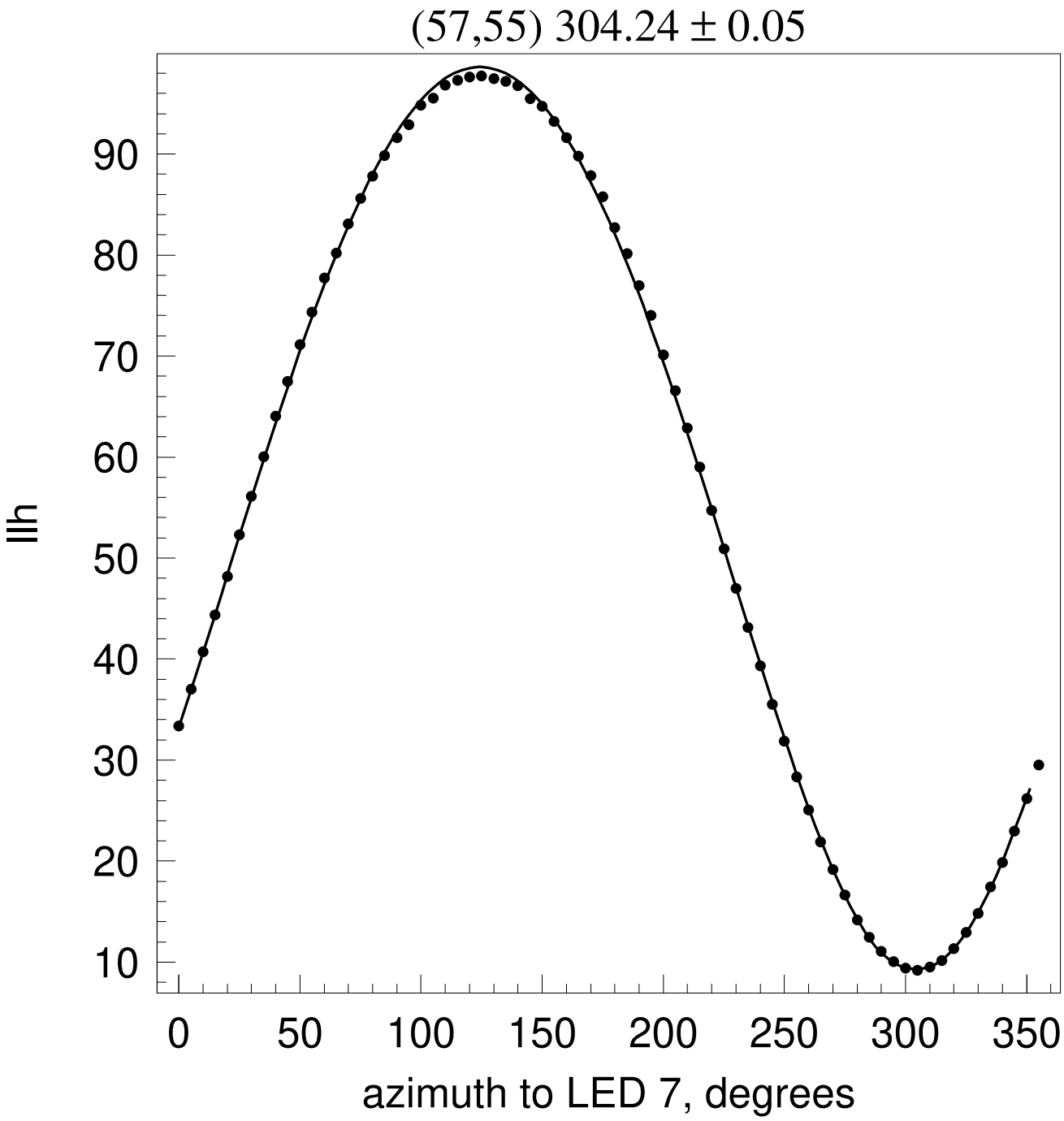

(57,50) 16.77 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

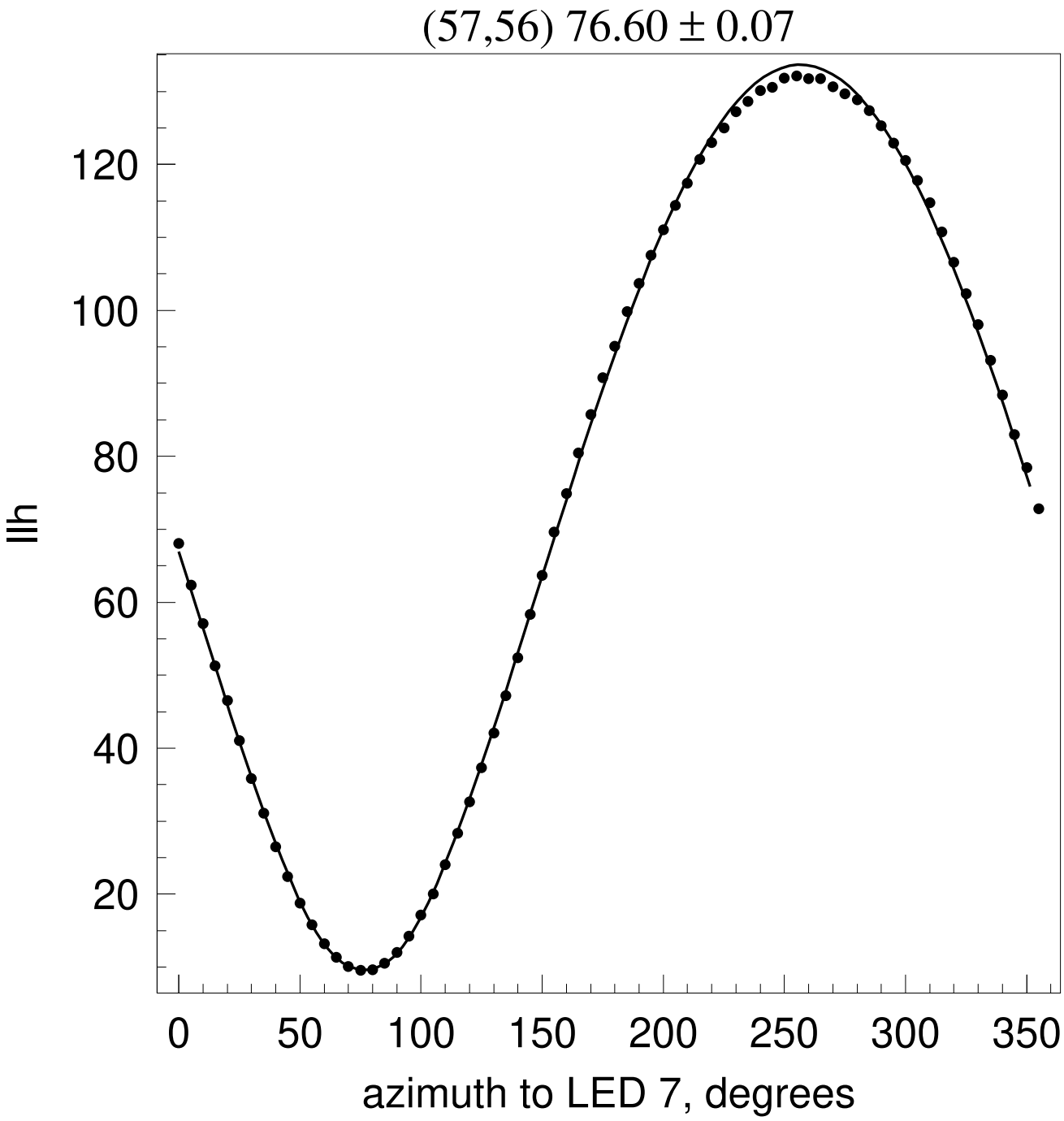

(57,51) 350.34 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

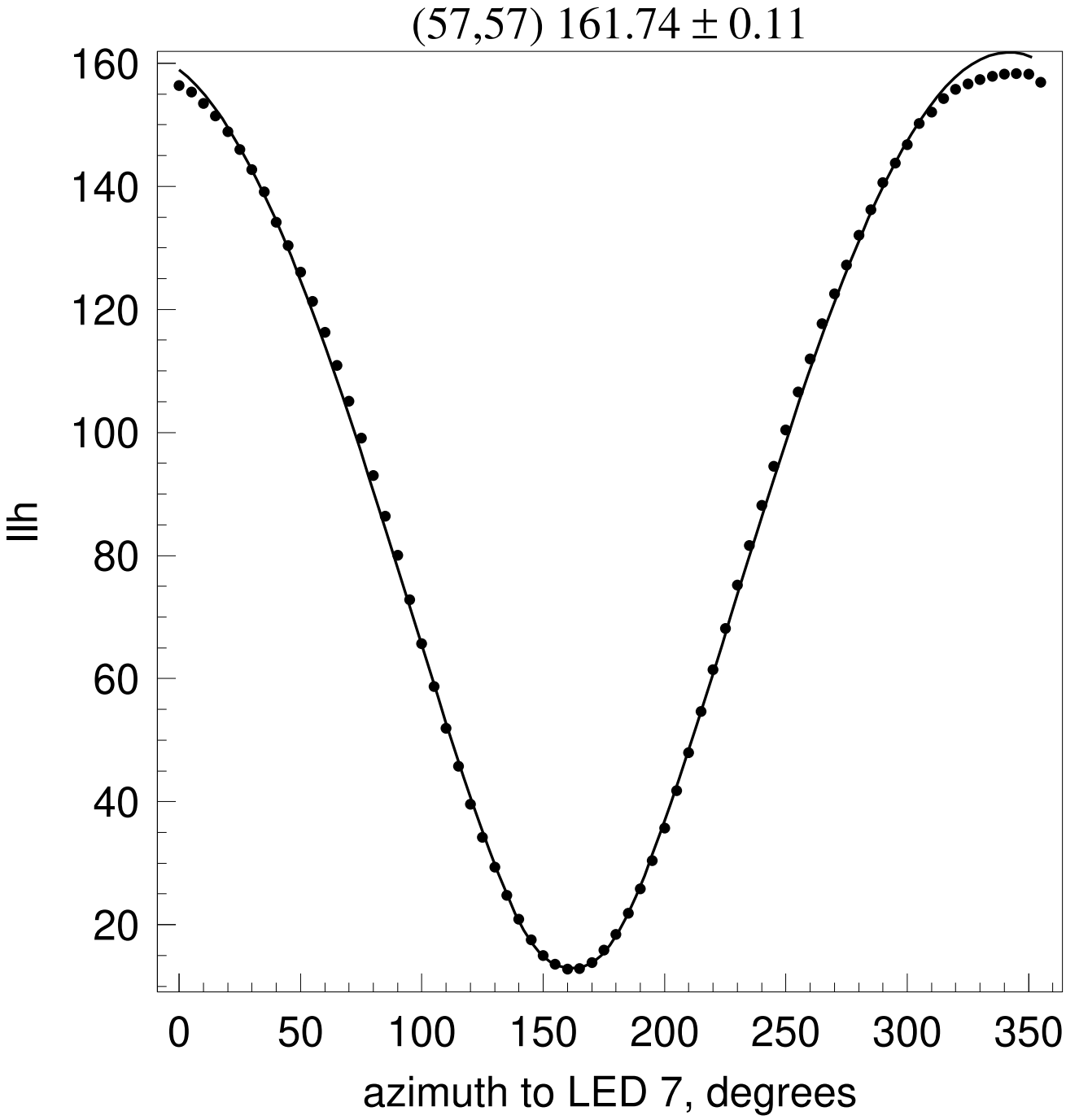

(57,52) 214.37 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

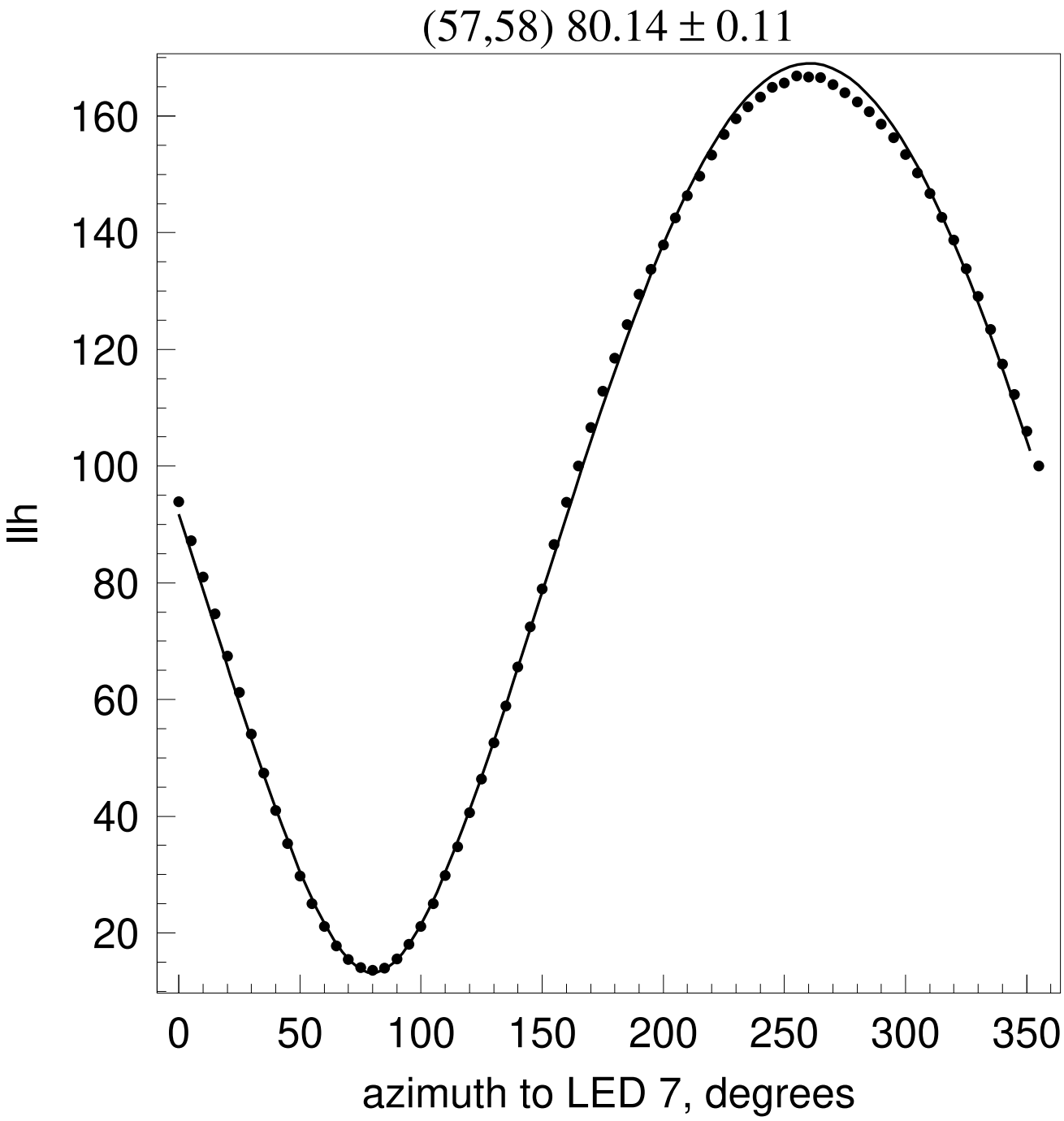

(57,53) 344.41 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

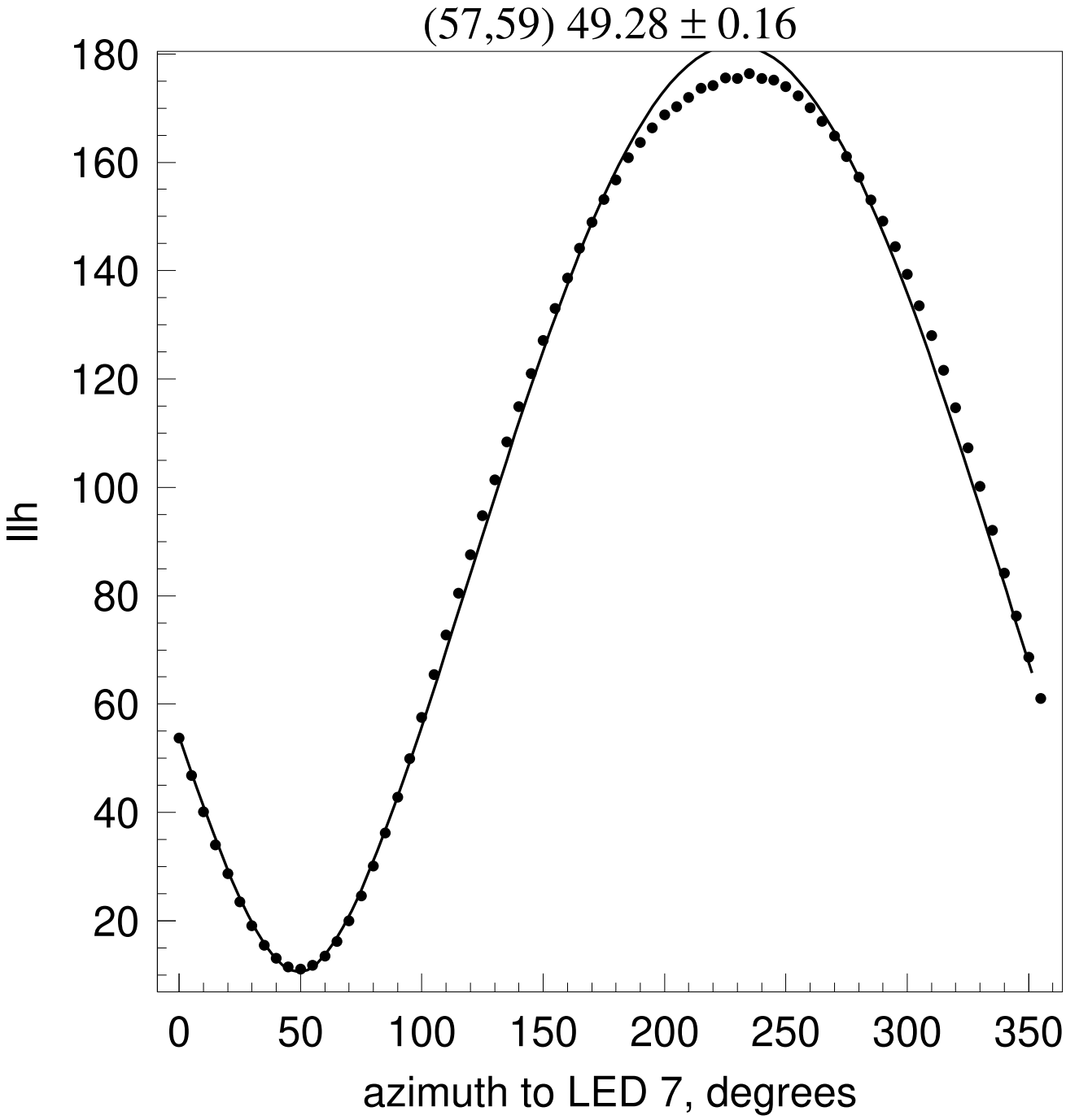

(57,54) 316.74 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

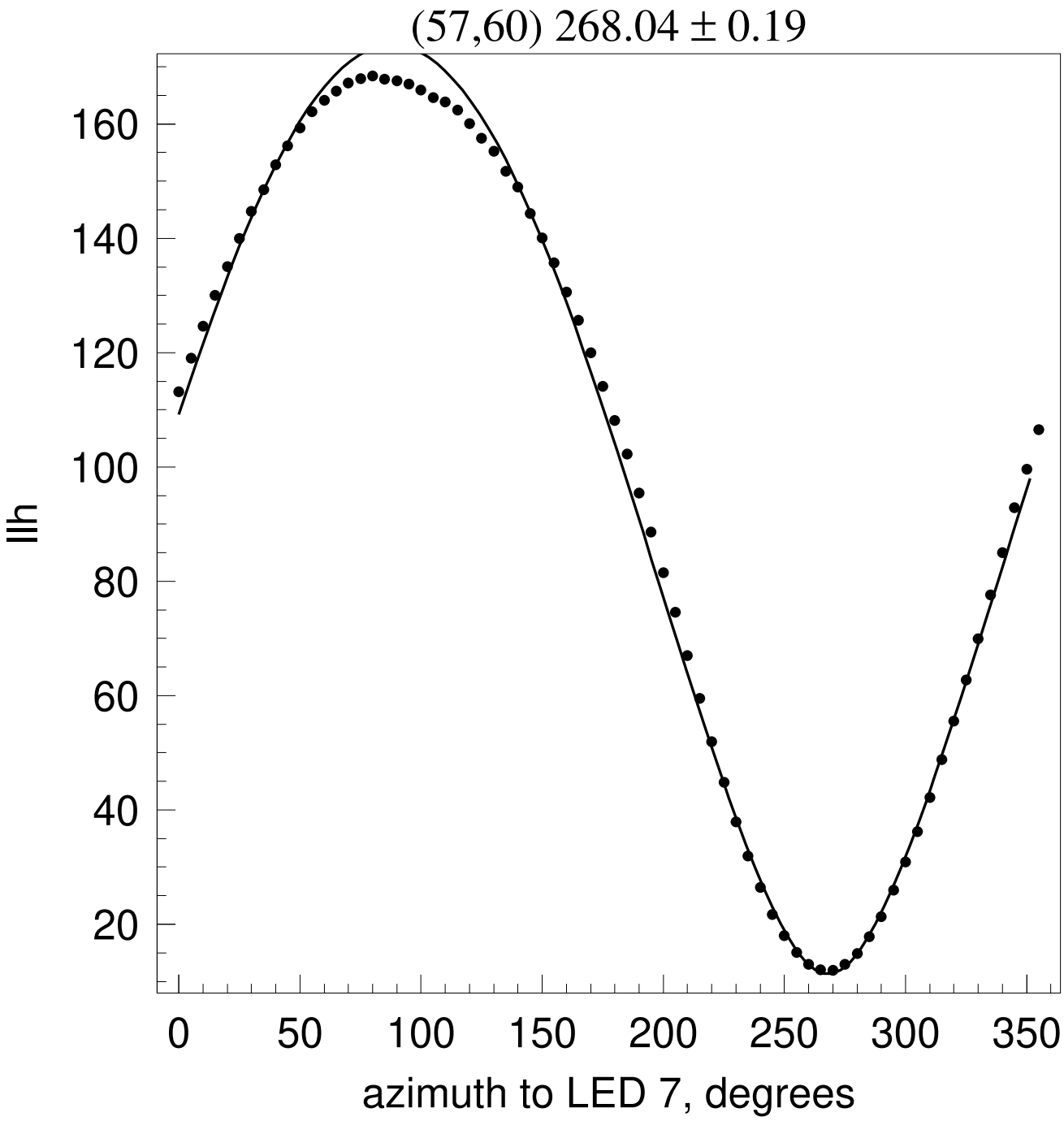

(57,55) 304.24 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

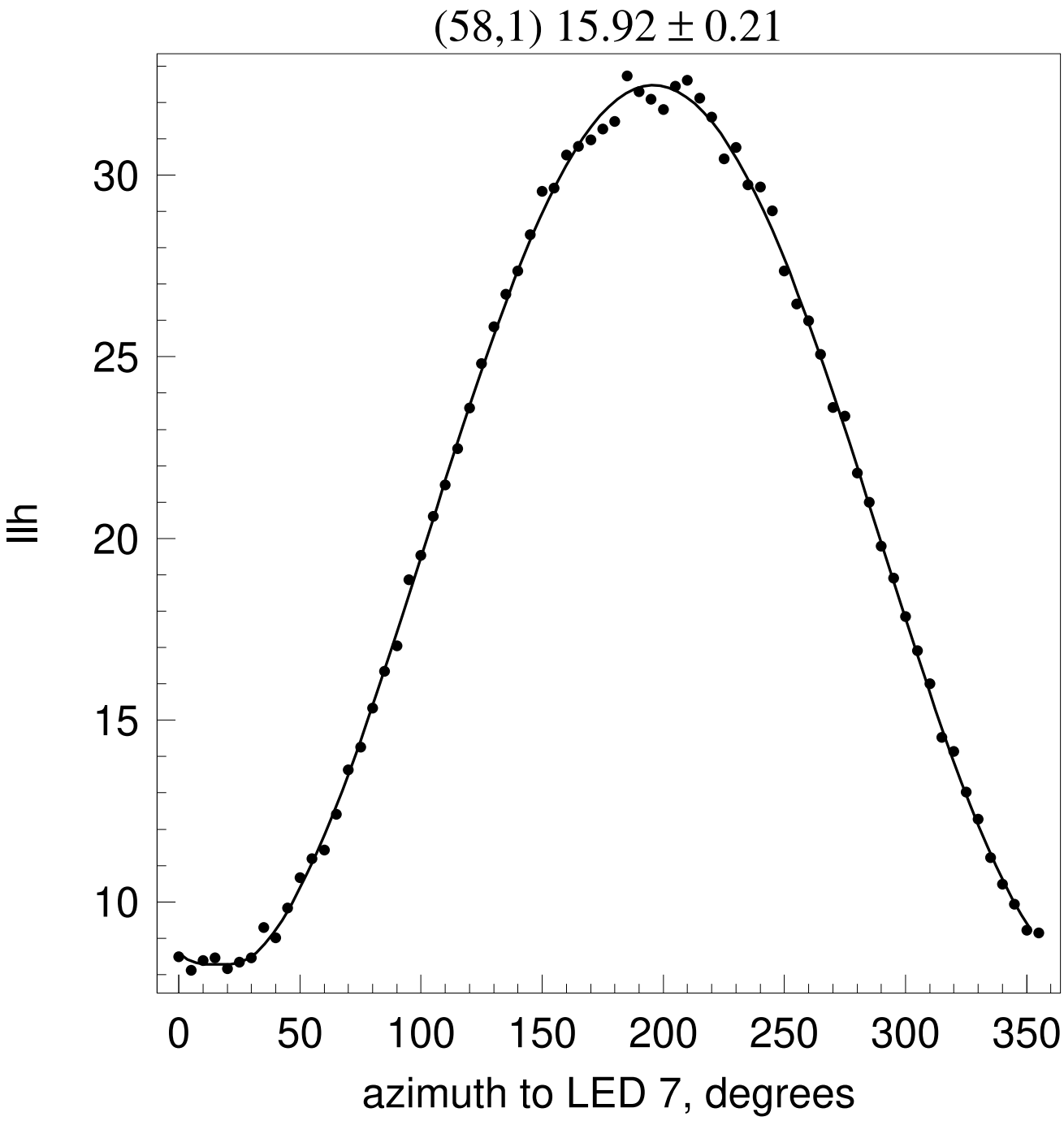

(57,56) 76.60 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

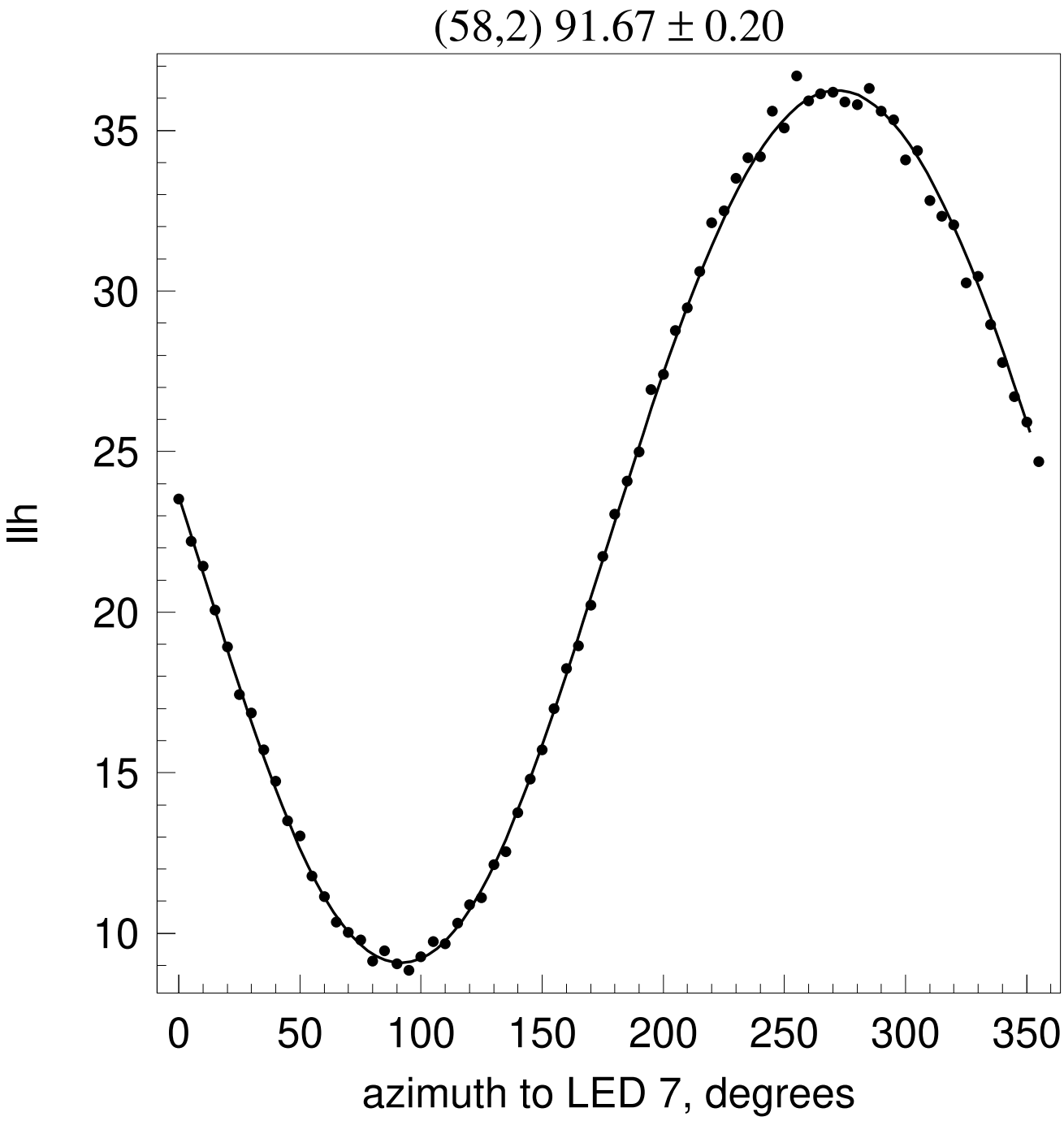

(57,57) 161.74 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

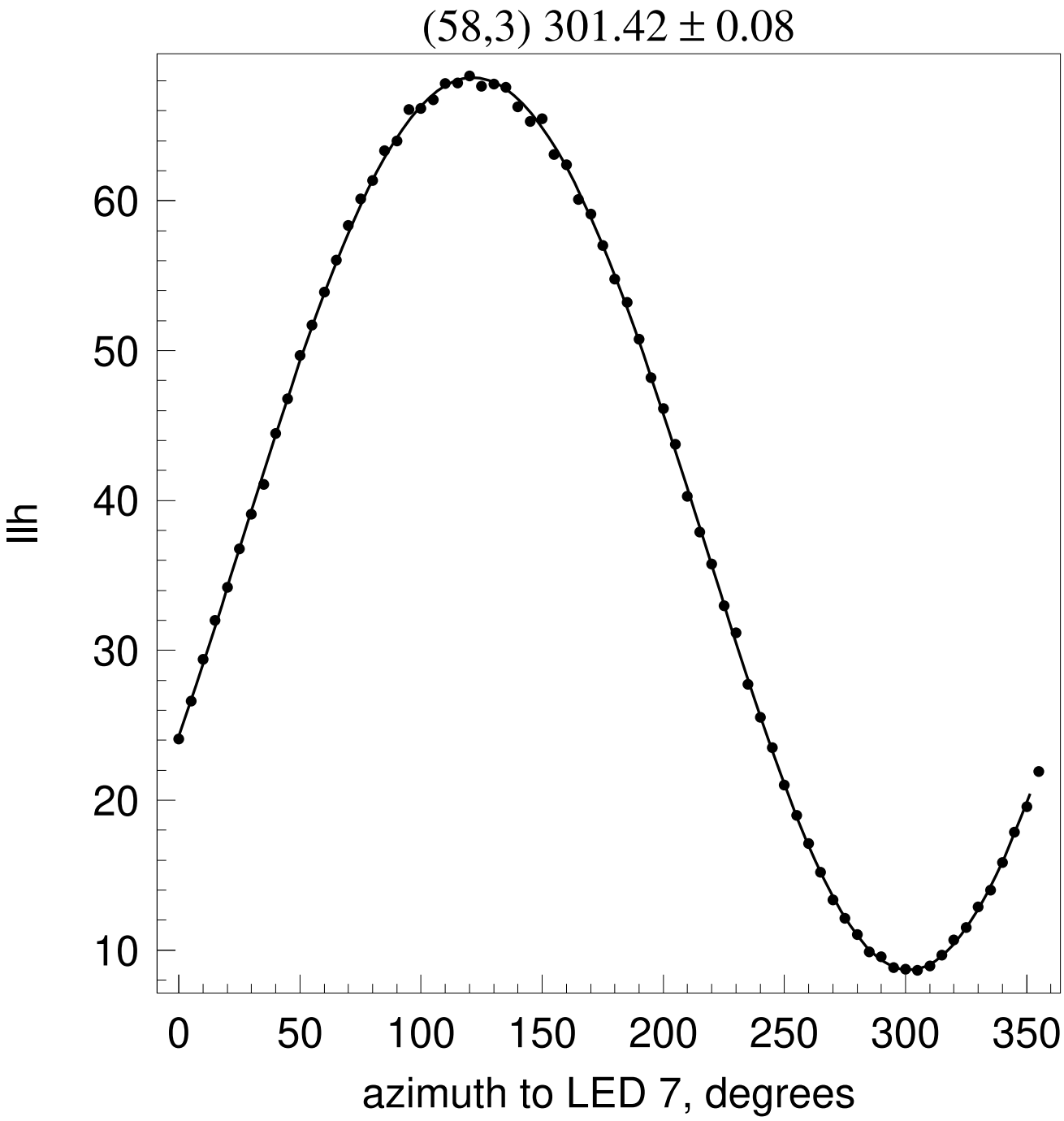

(57,58) 80.14 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

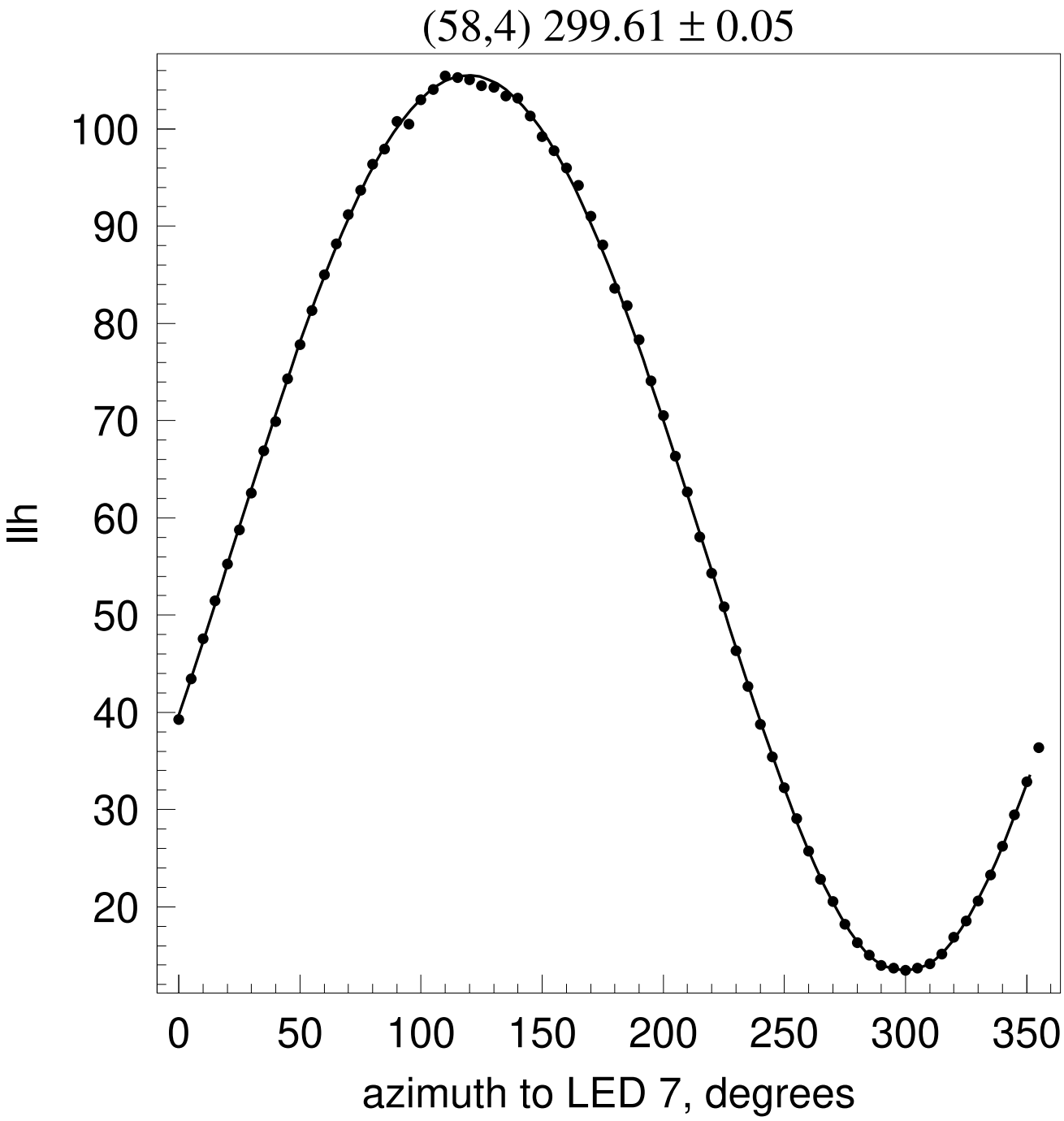

(57,59) 49.28 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

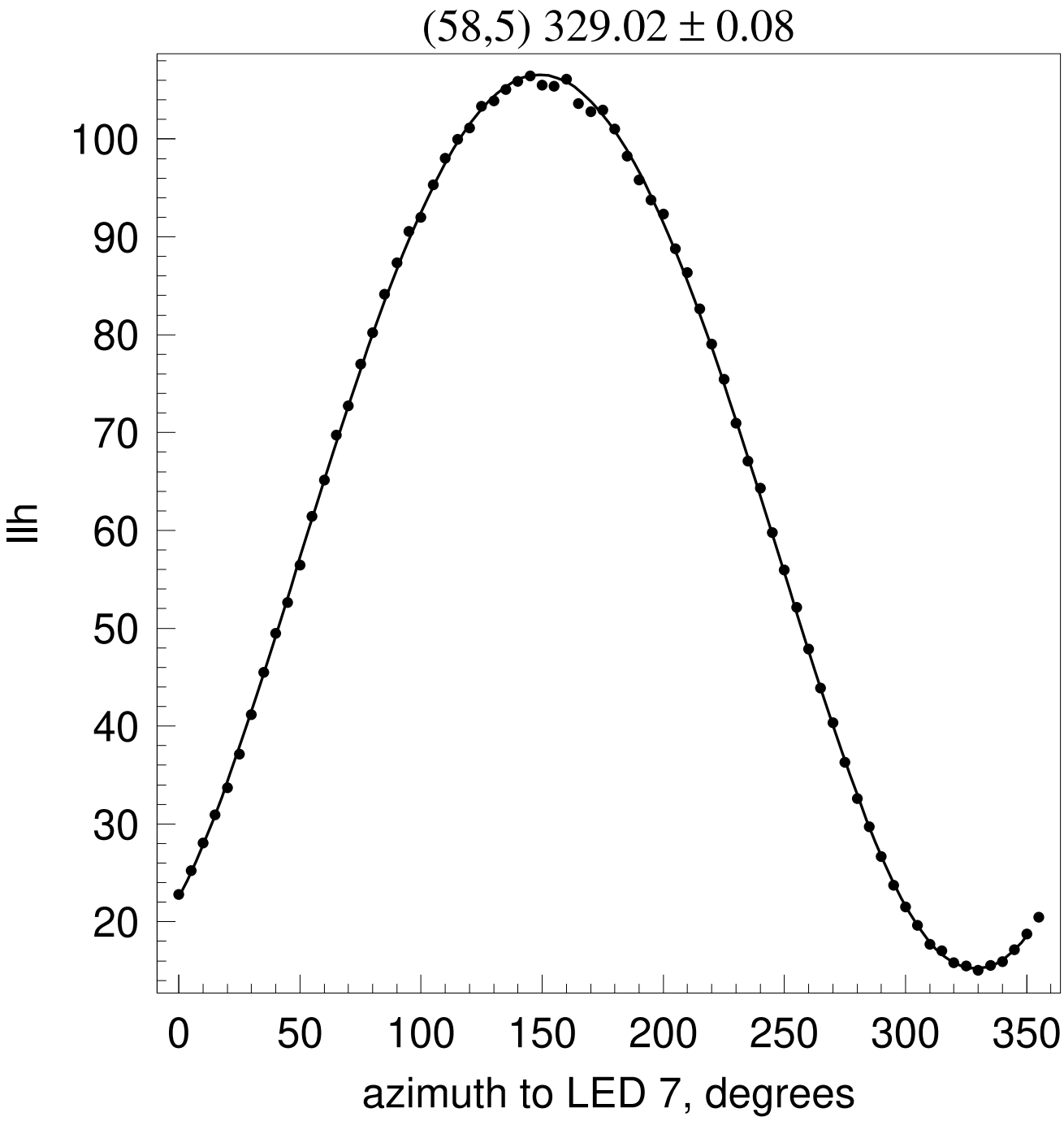

(57,60) 268.04 ± 0.19
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

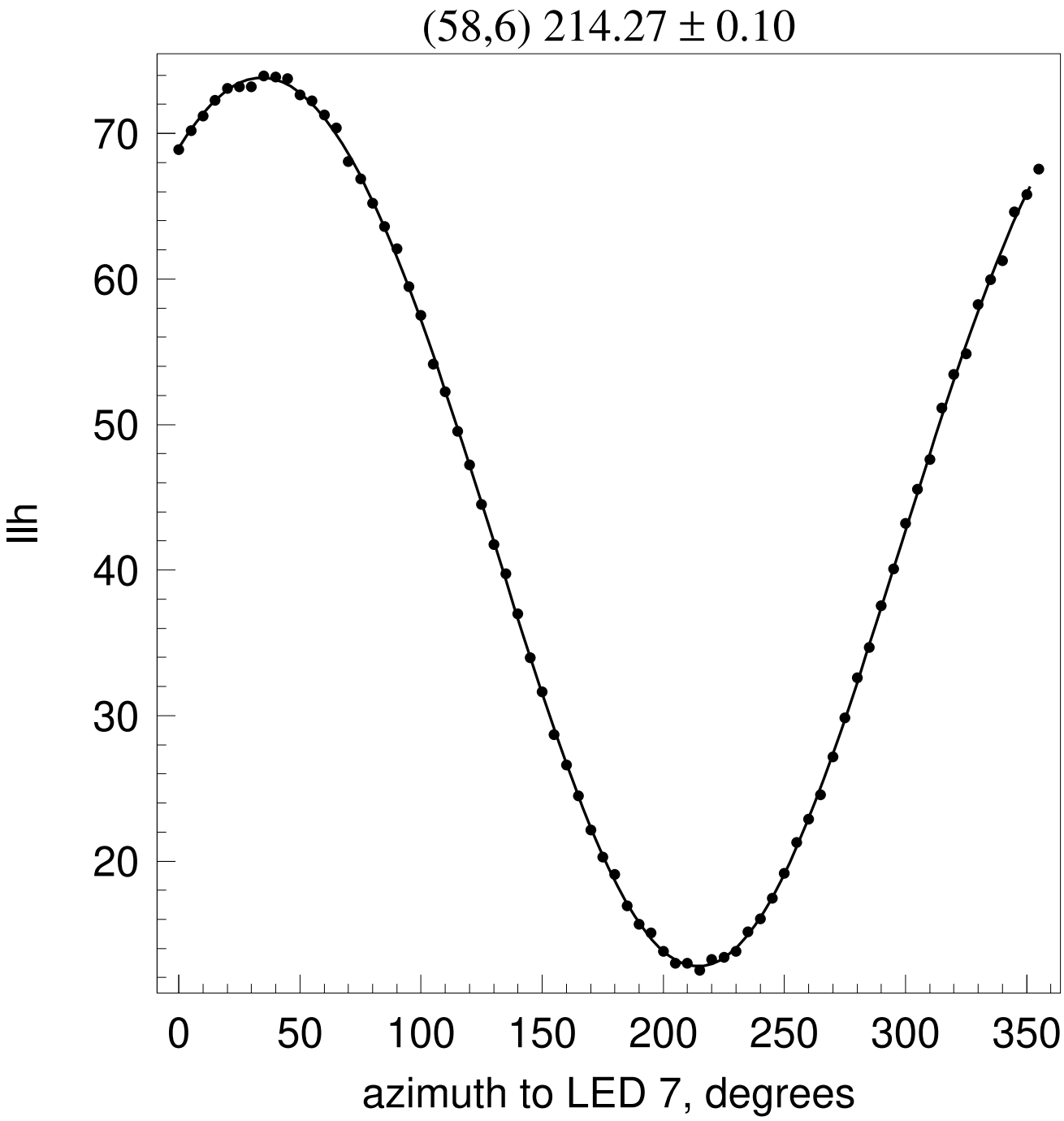

(58,1) 15.92 ± 0.21
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

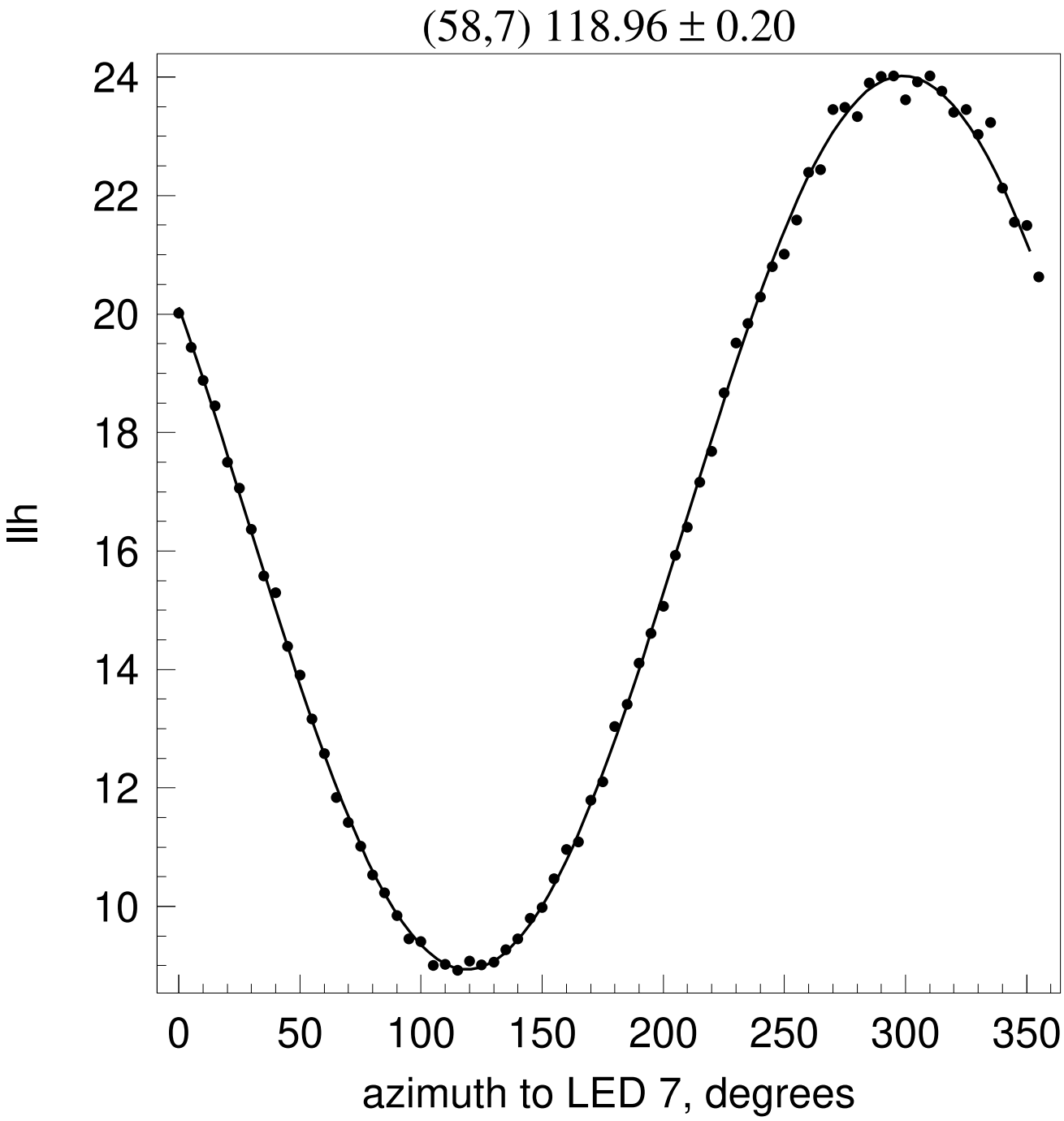

(58,2) 91.67 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

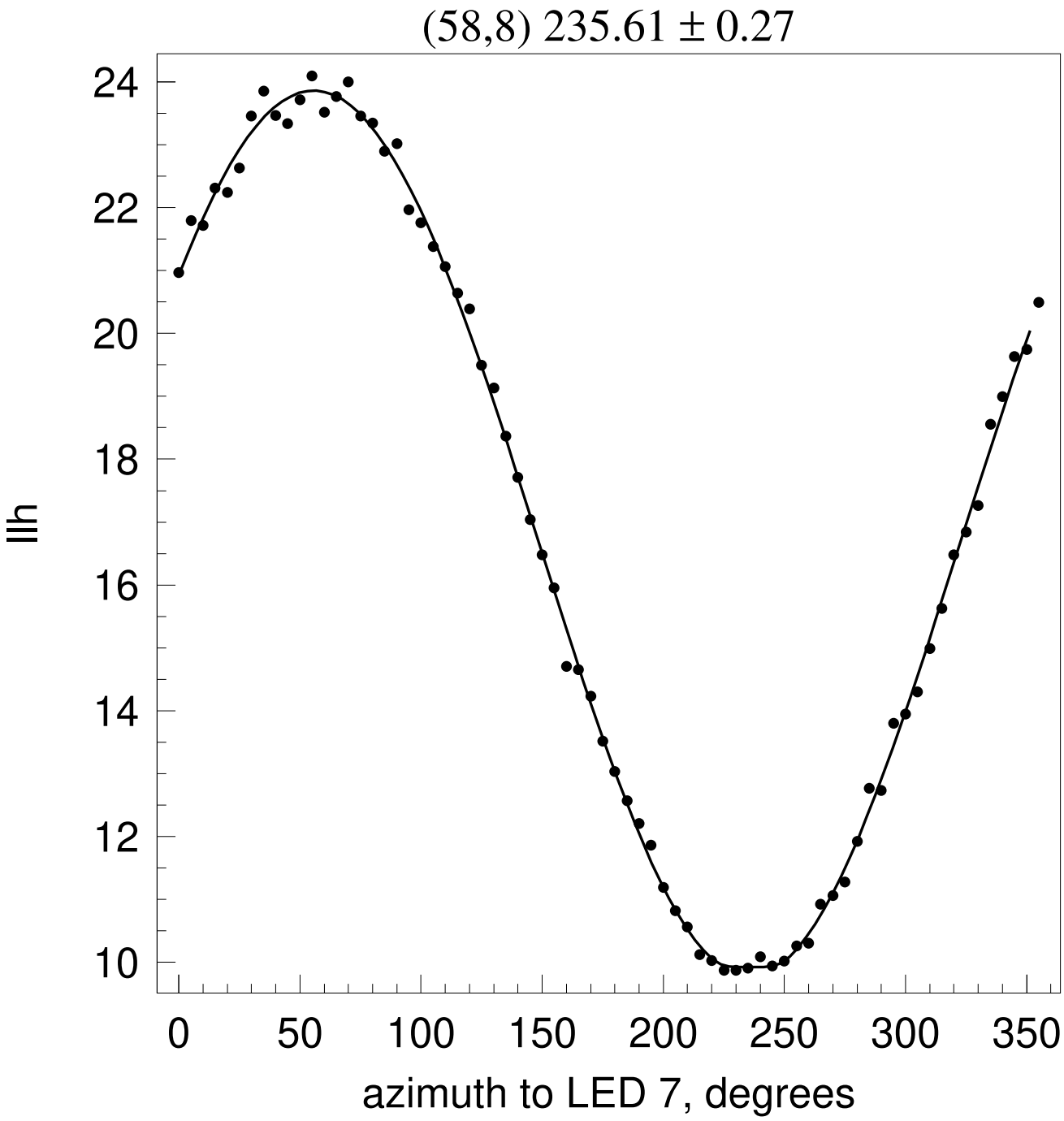

(58,3) 301.42 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

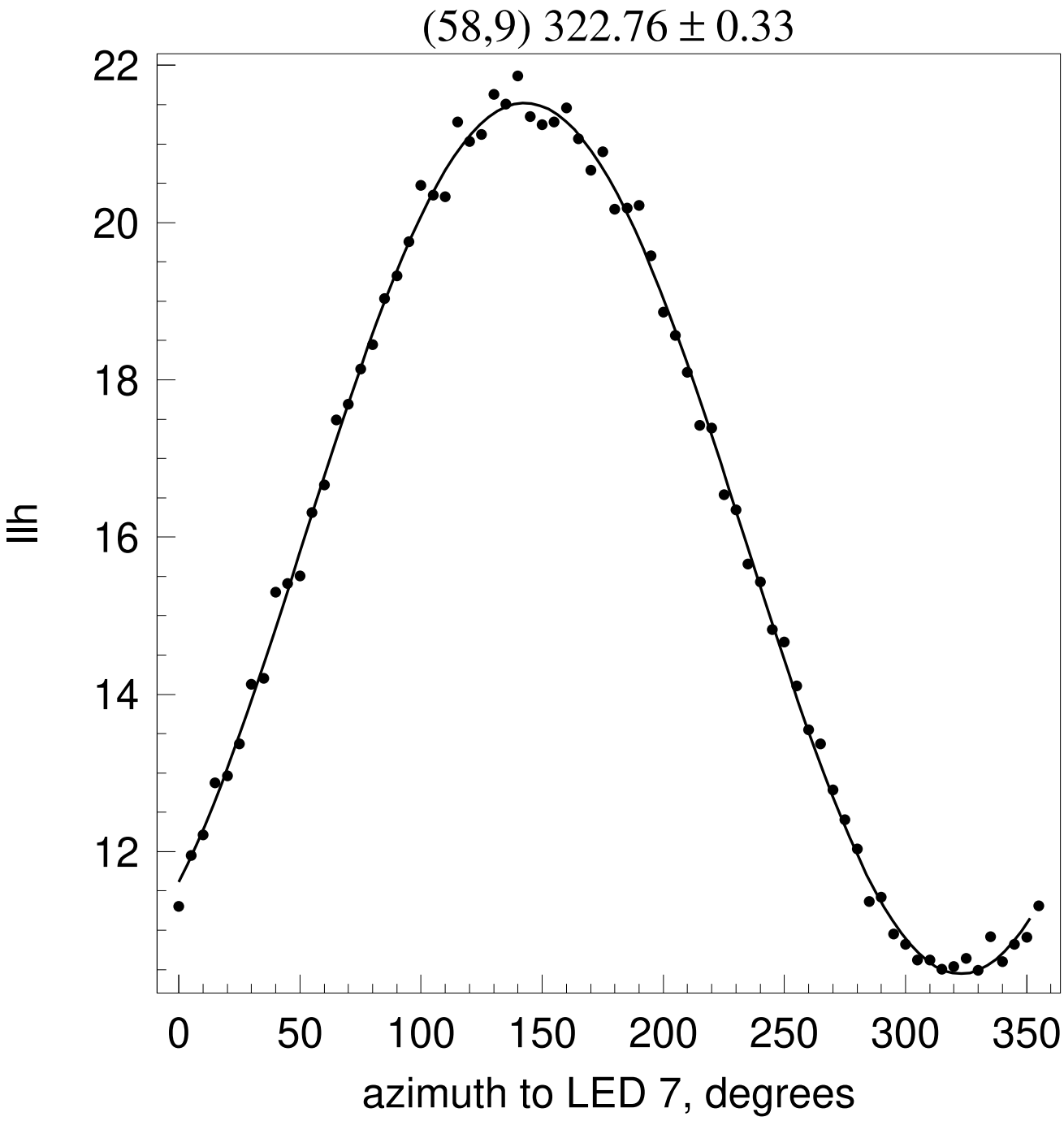

(58,4) 299.61 ± 0.05
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

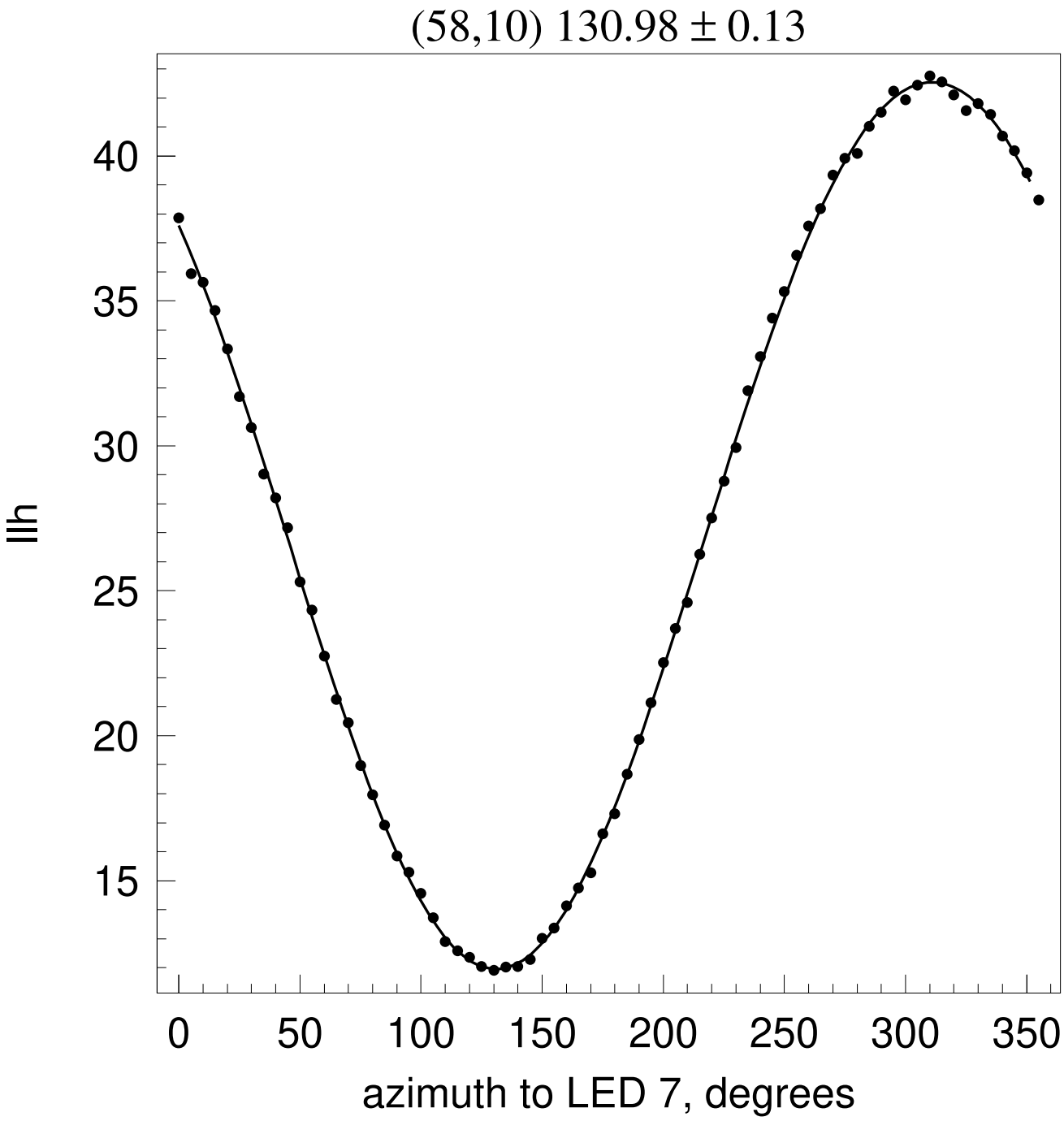

(58,5) 329.02 ± 0.08
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

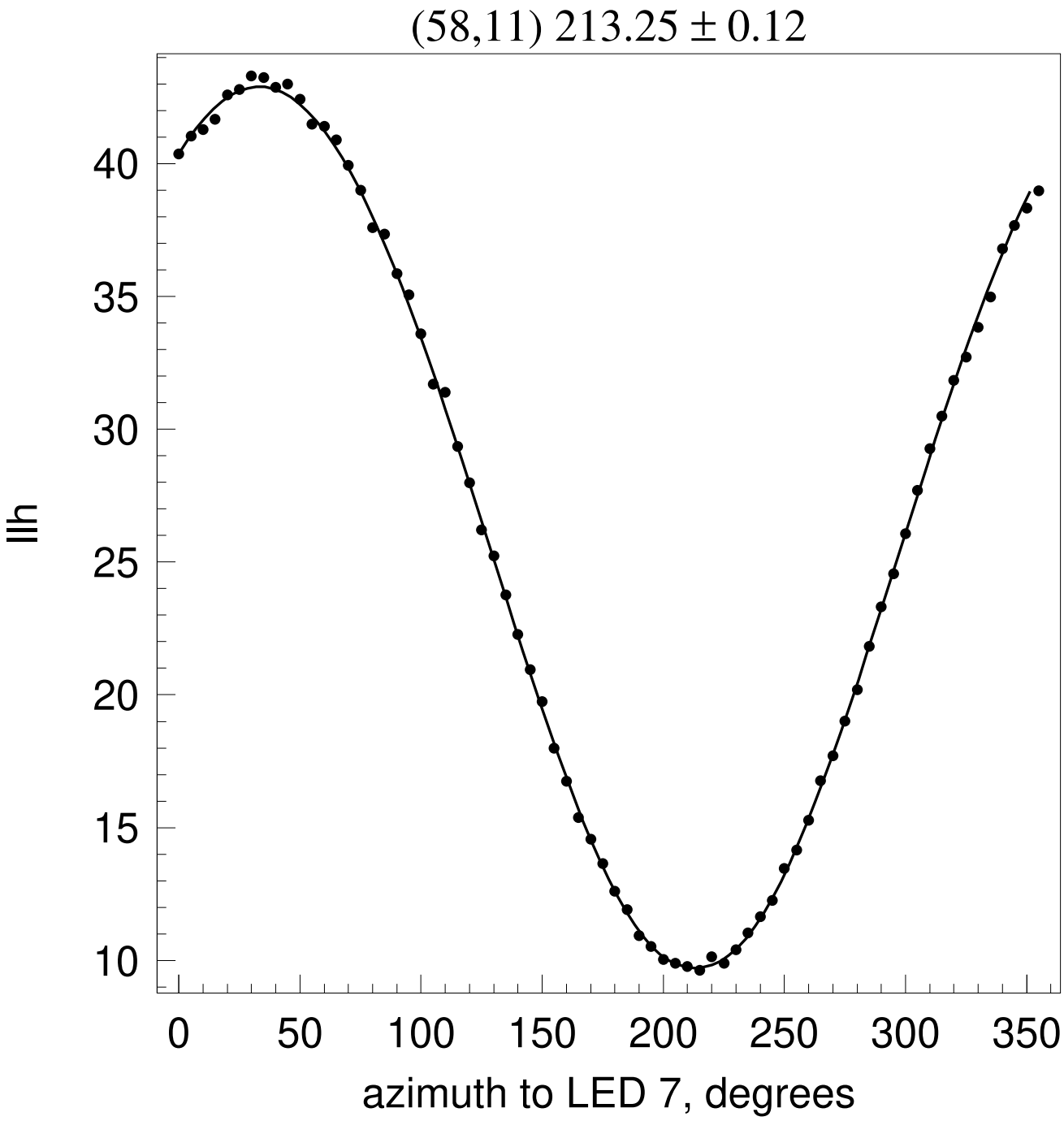

(58,6) 214.27 ± 0.10
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

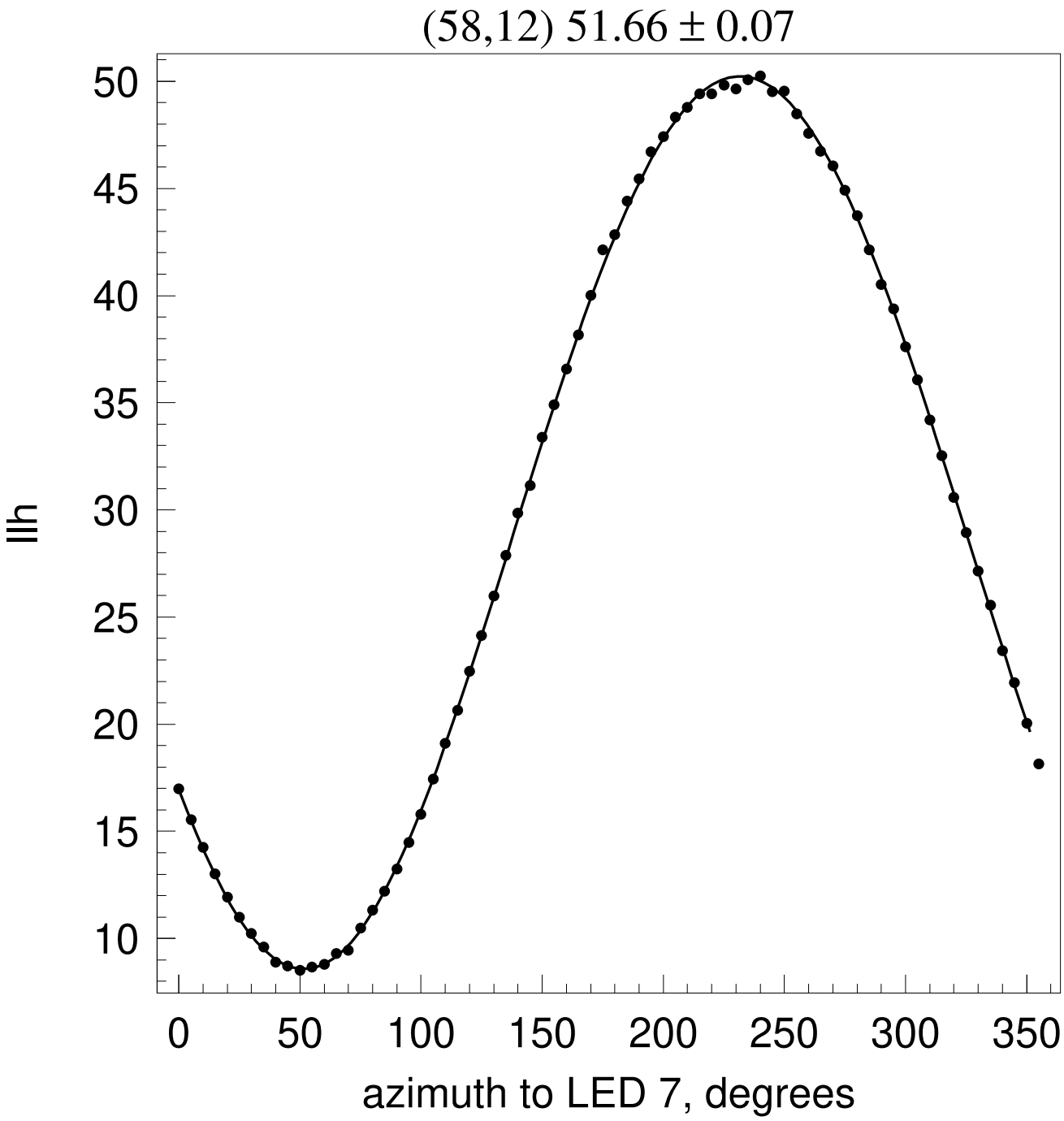

(58,7) 118.96 ± 0.20
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

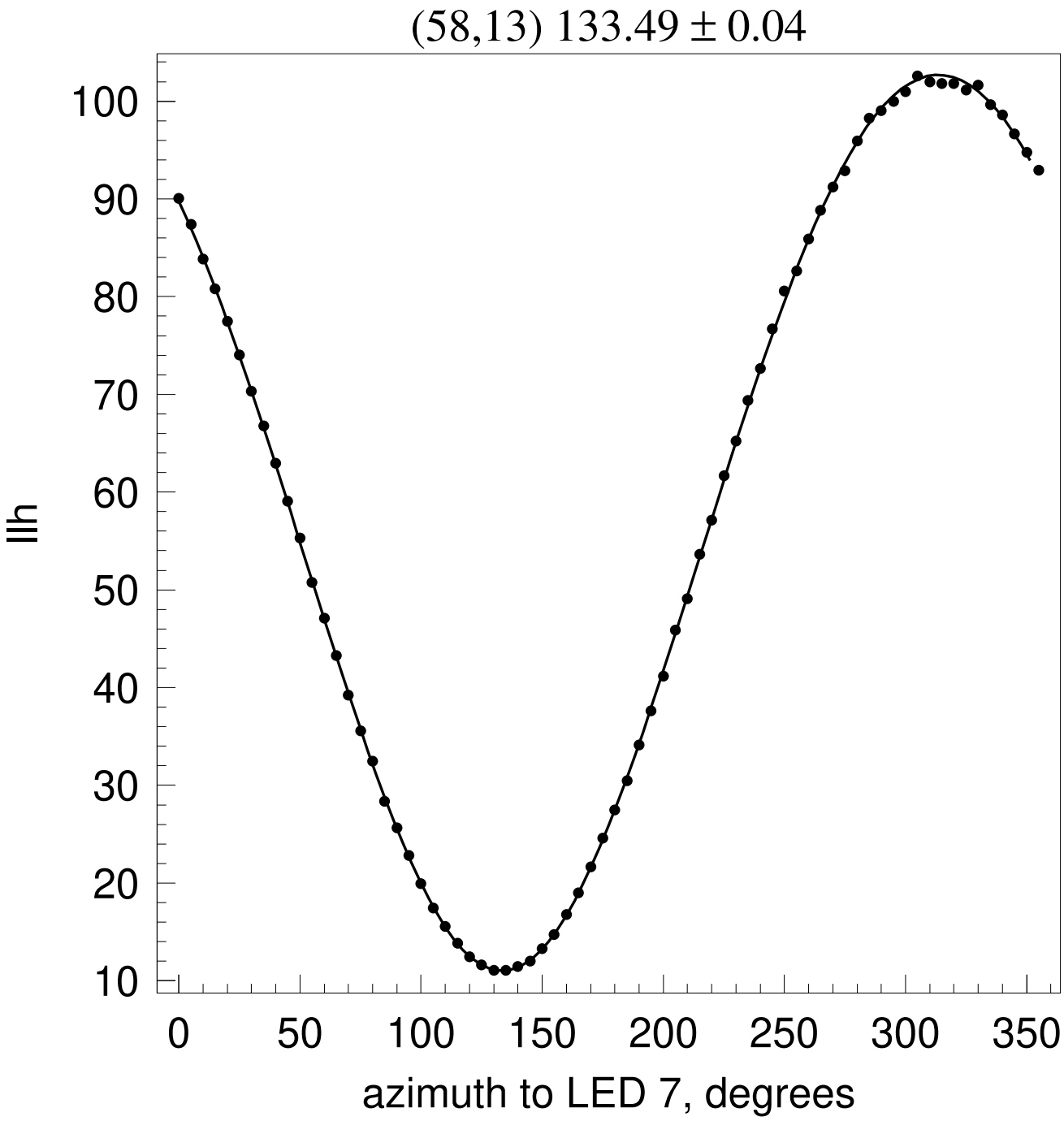

(58,8) 235.61 ± 0.27
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

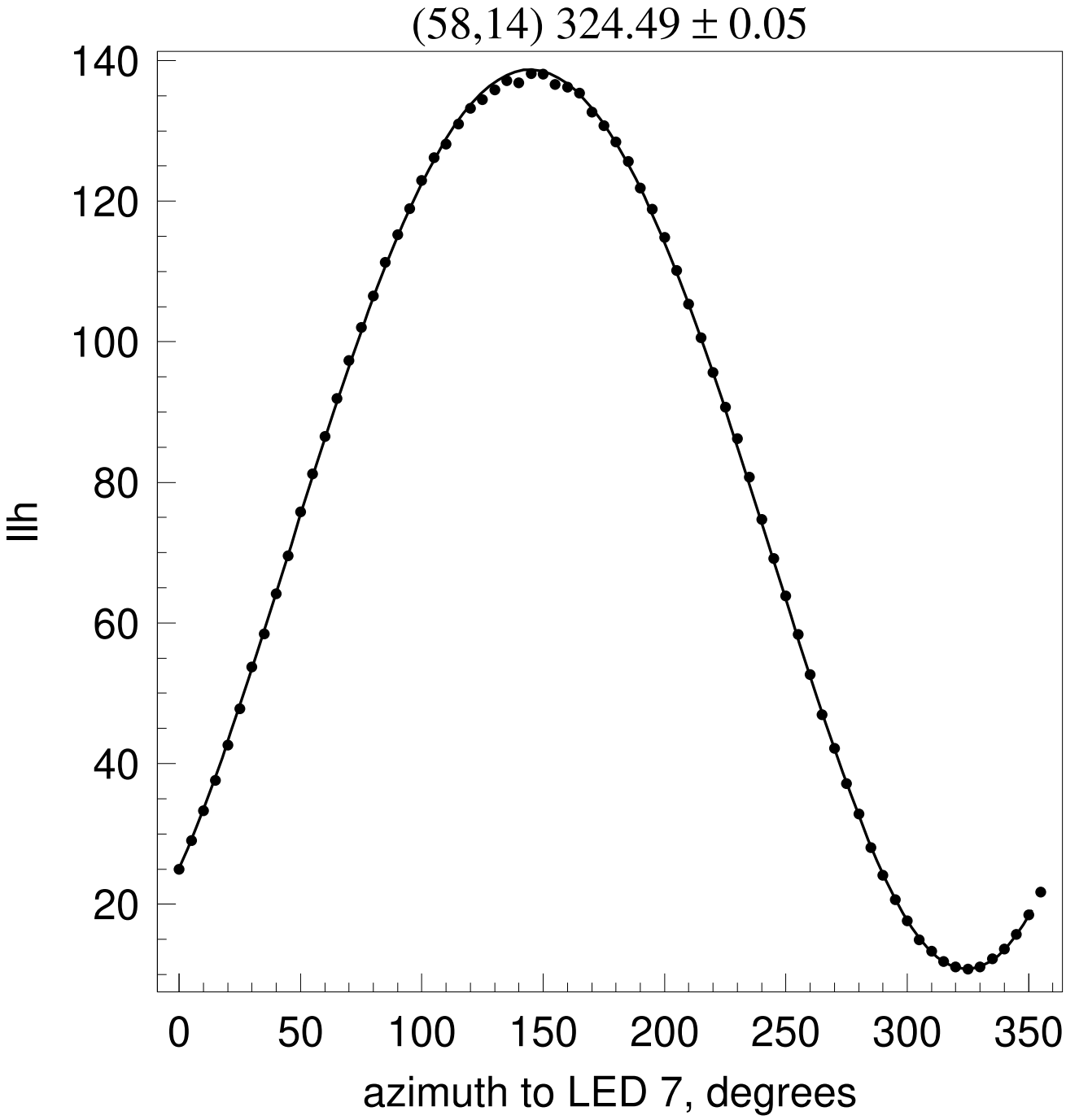

(58,9) 322.76 ± 0.33
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

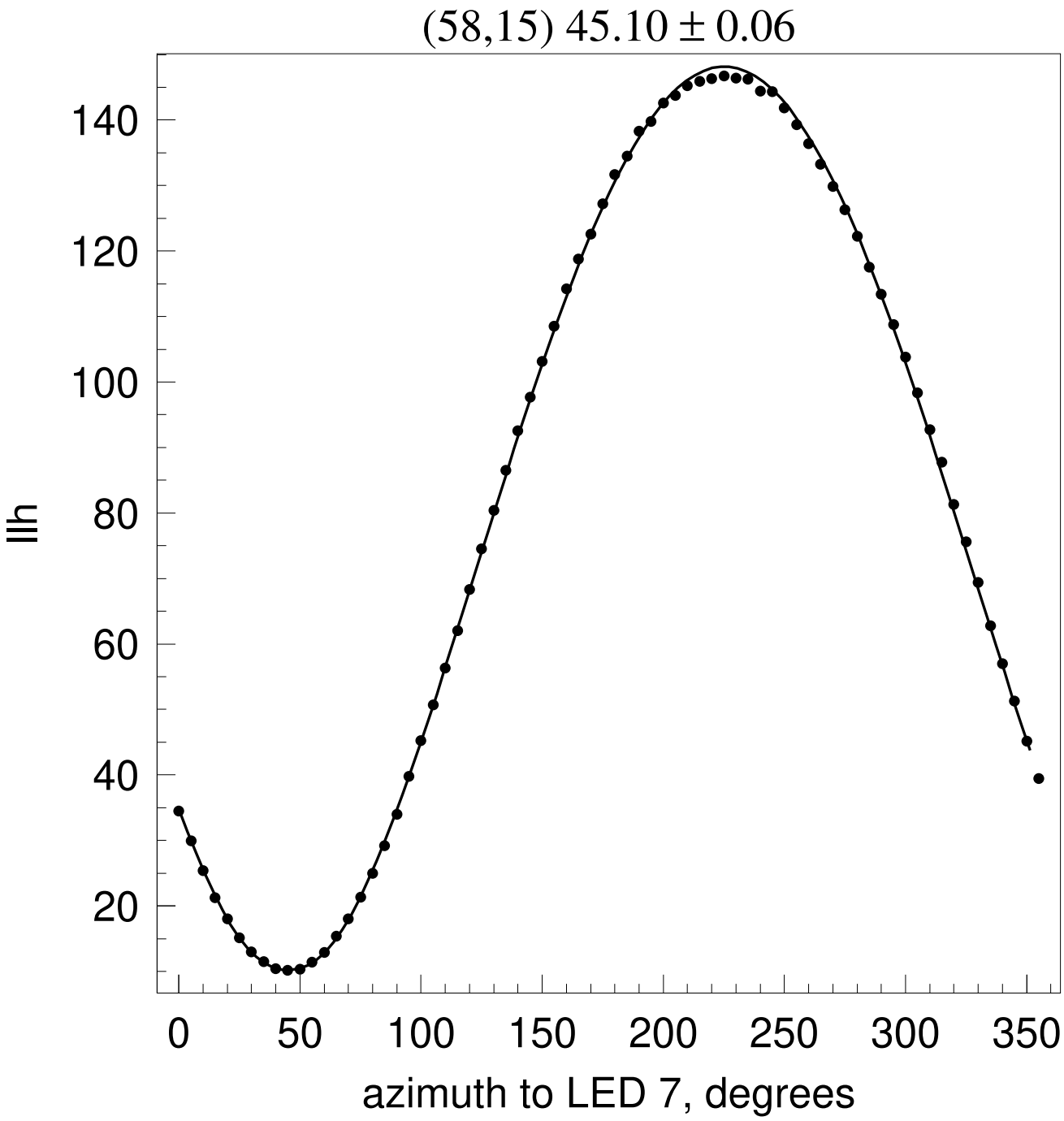

(58,10) 130.98 ± 0.13
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

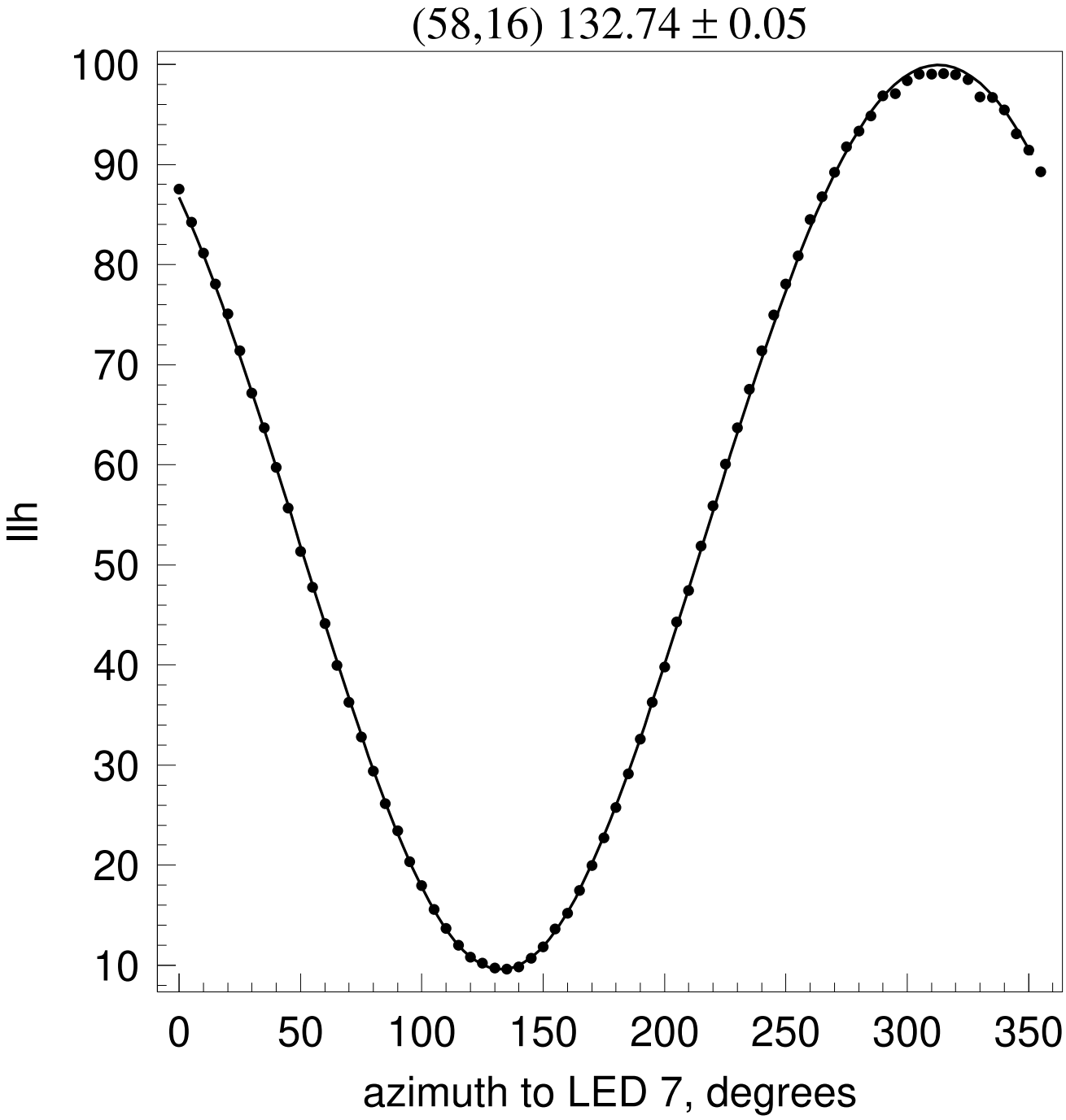

(58,11) 213.25 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

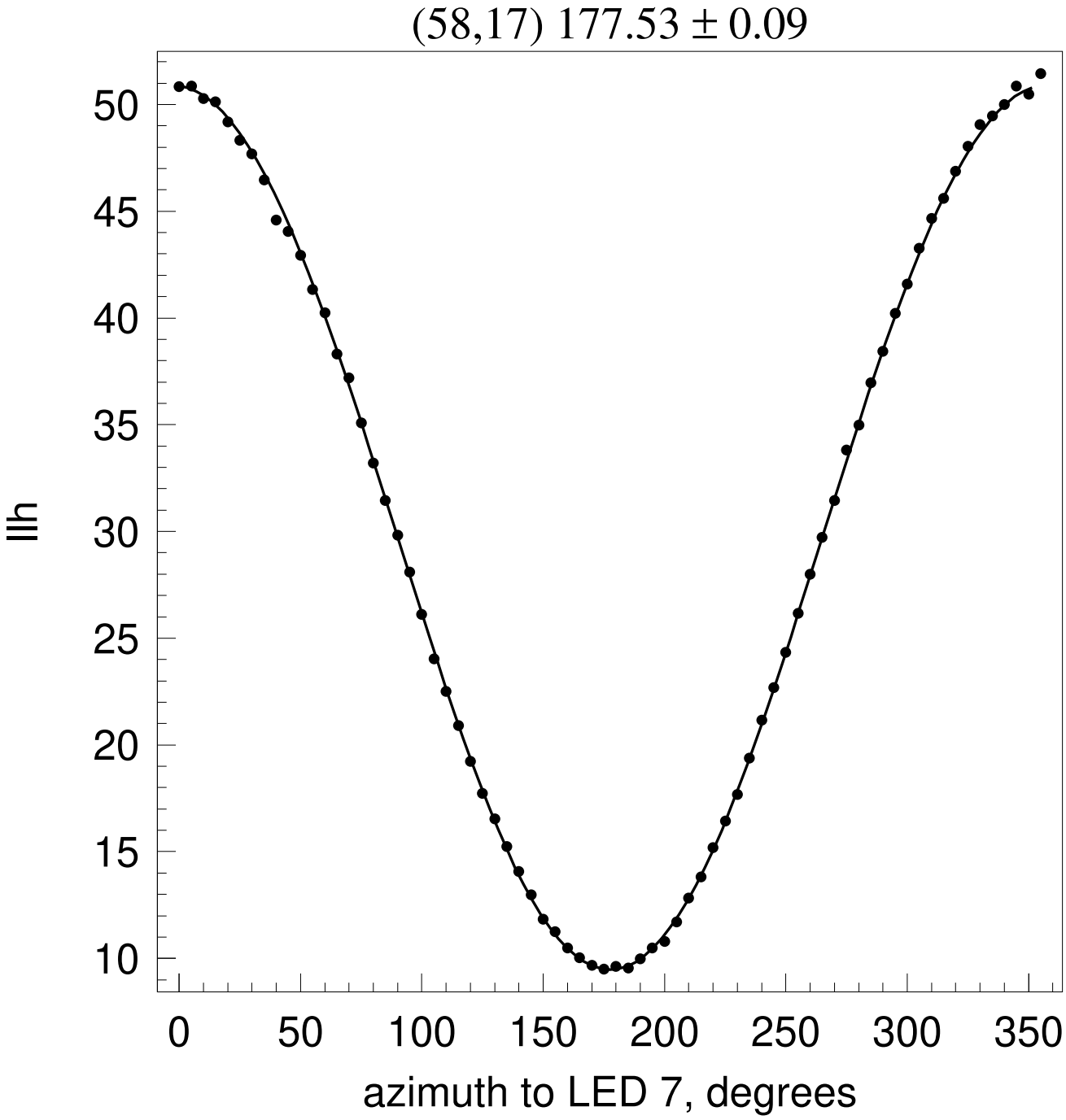

(58,12) 51.66 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

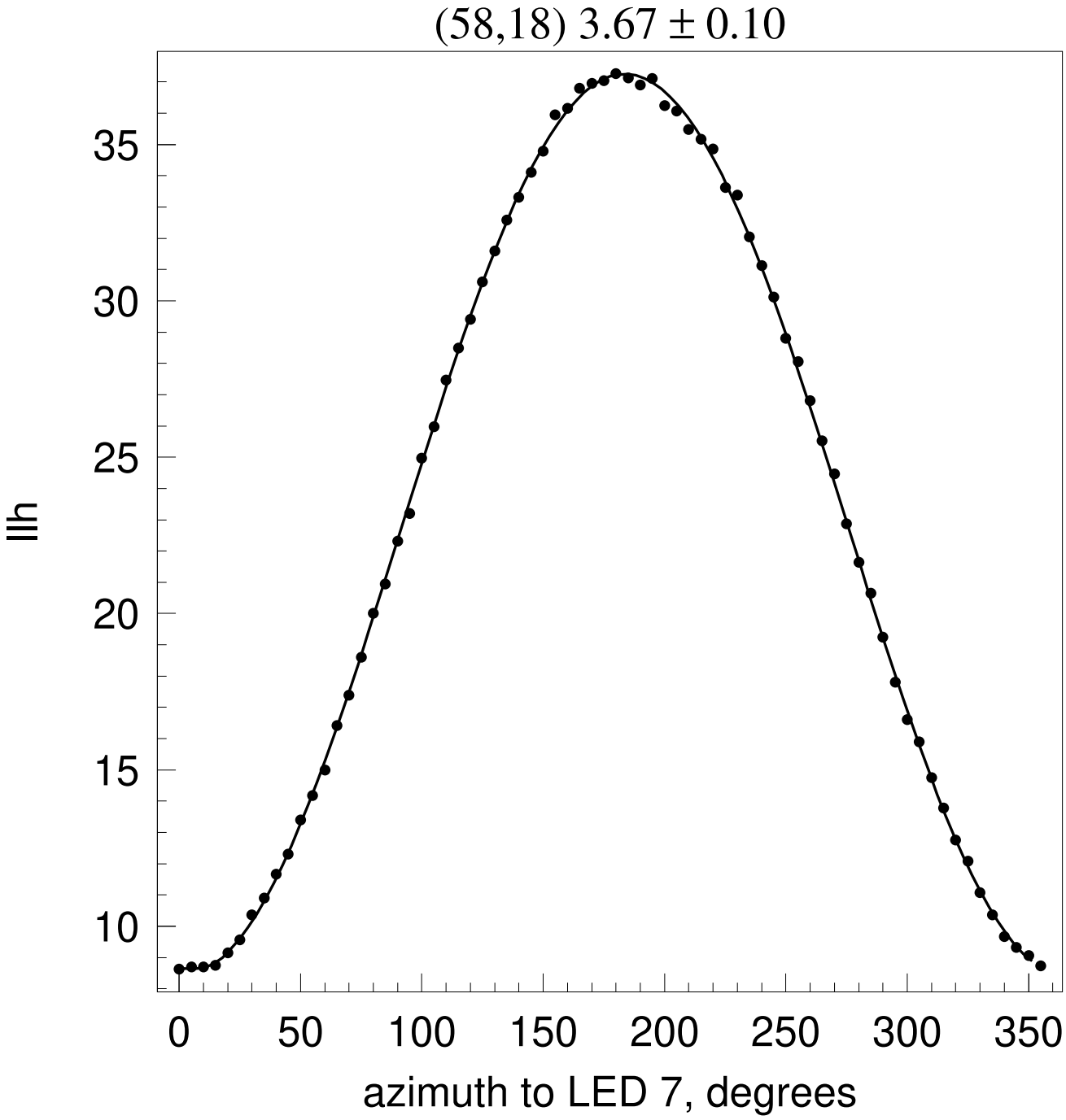

(58,13) 133.49 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

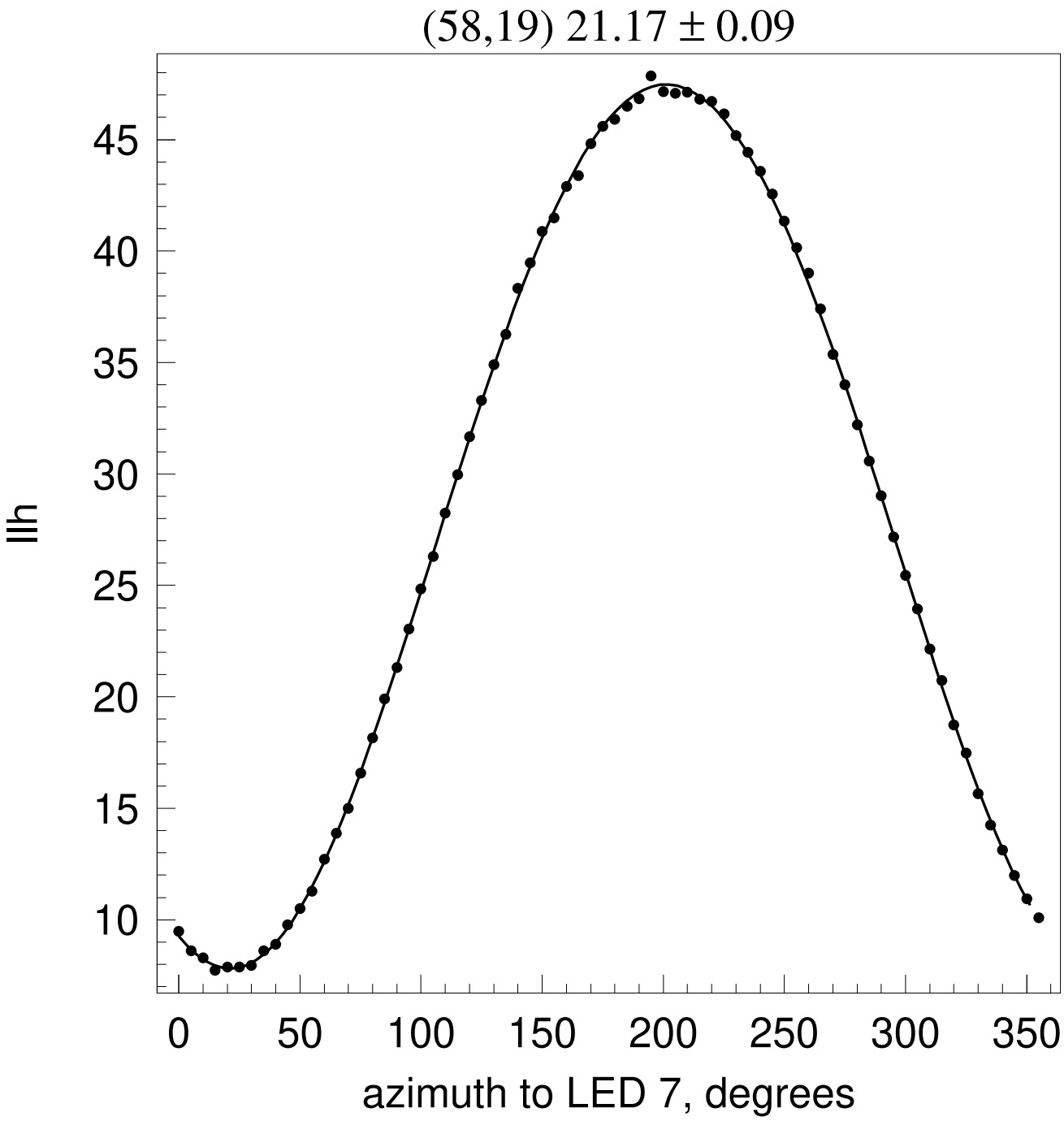

(58,14) 324.49 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

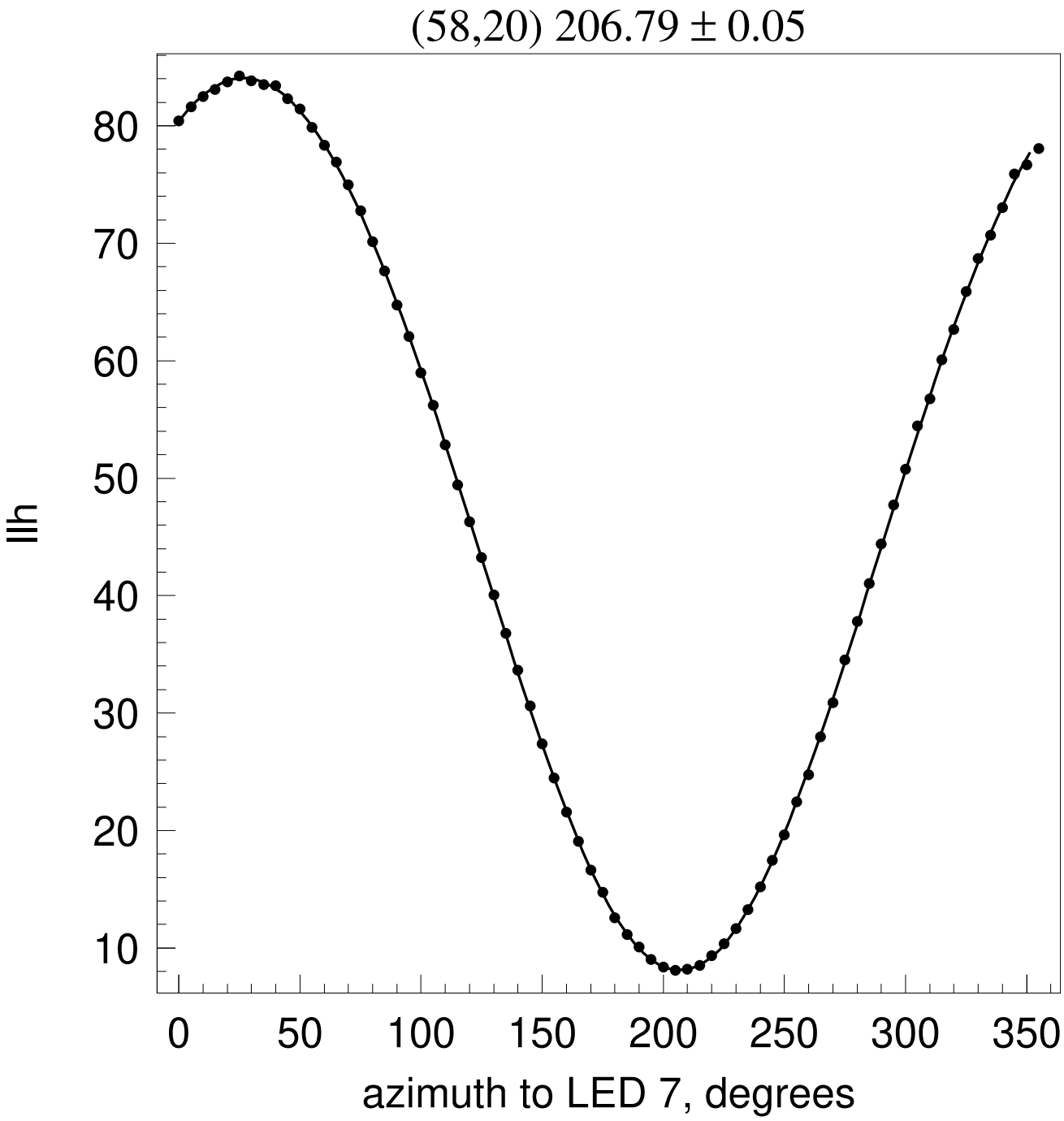

(58,15) 45.10 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

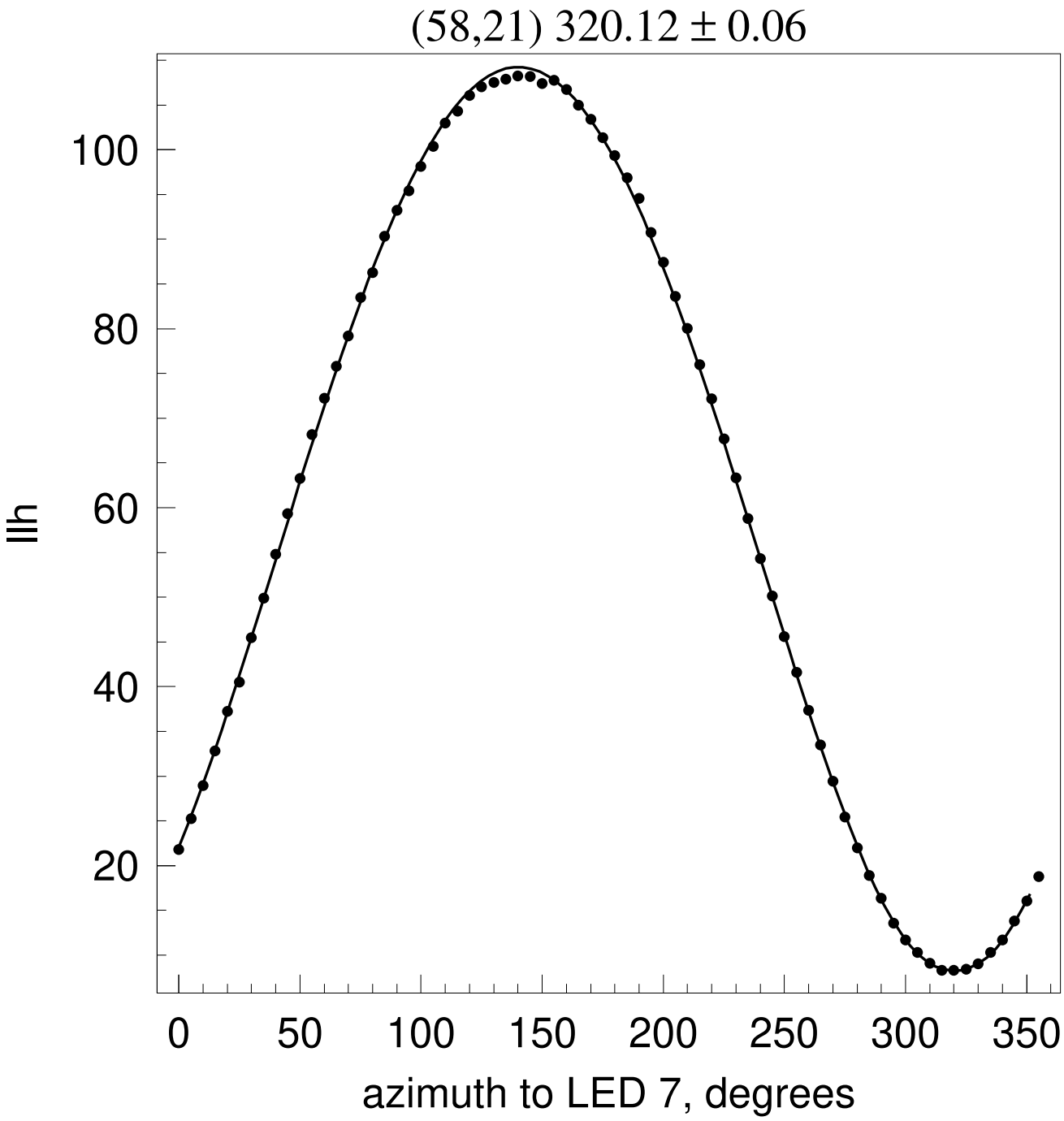

(58,16) 132.74 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

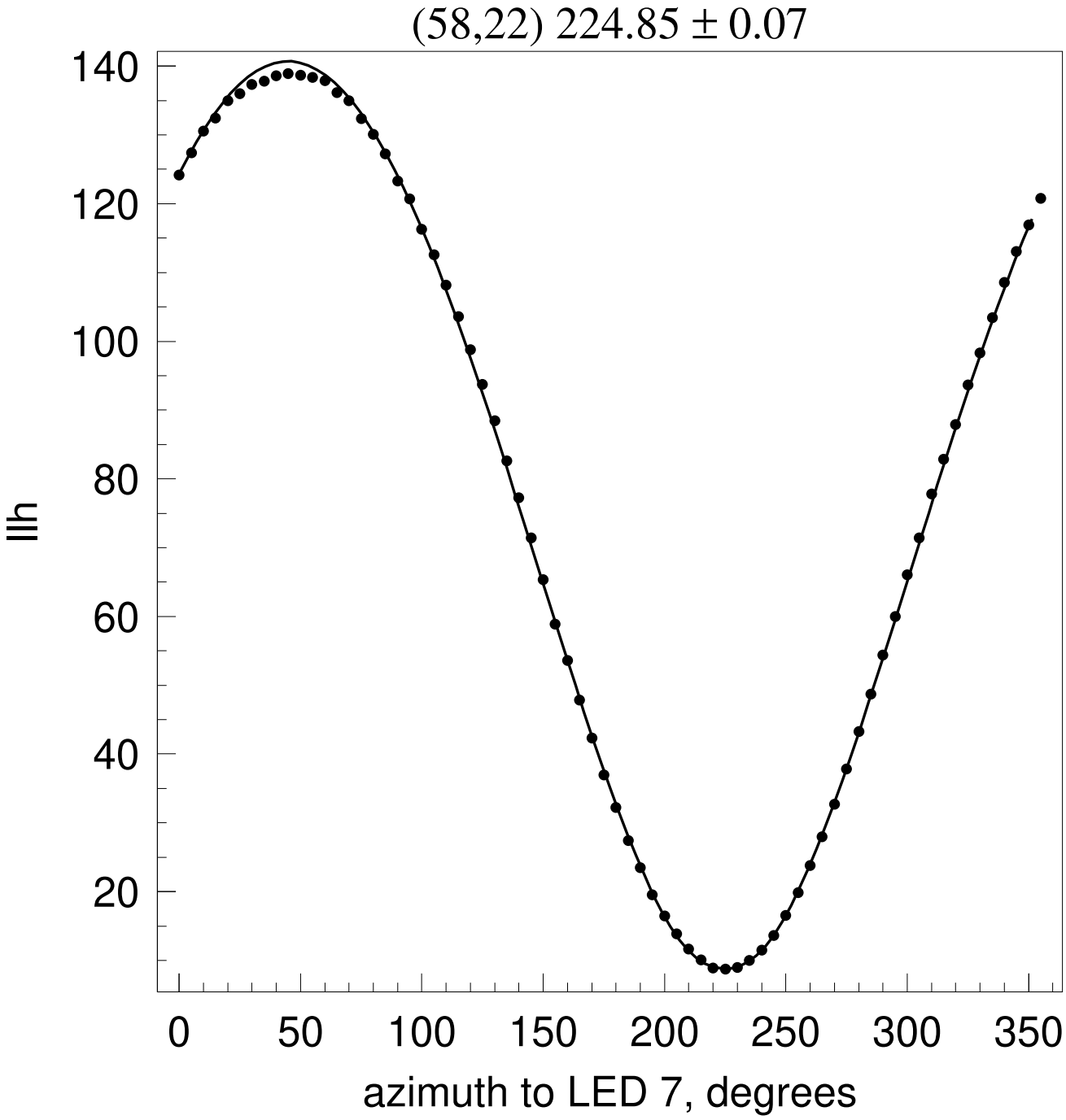

(58,17) 177.53 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

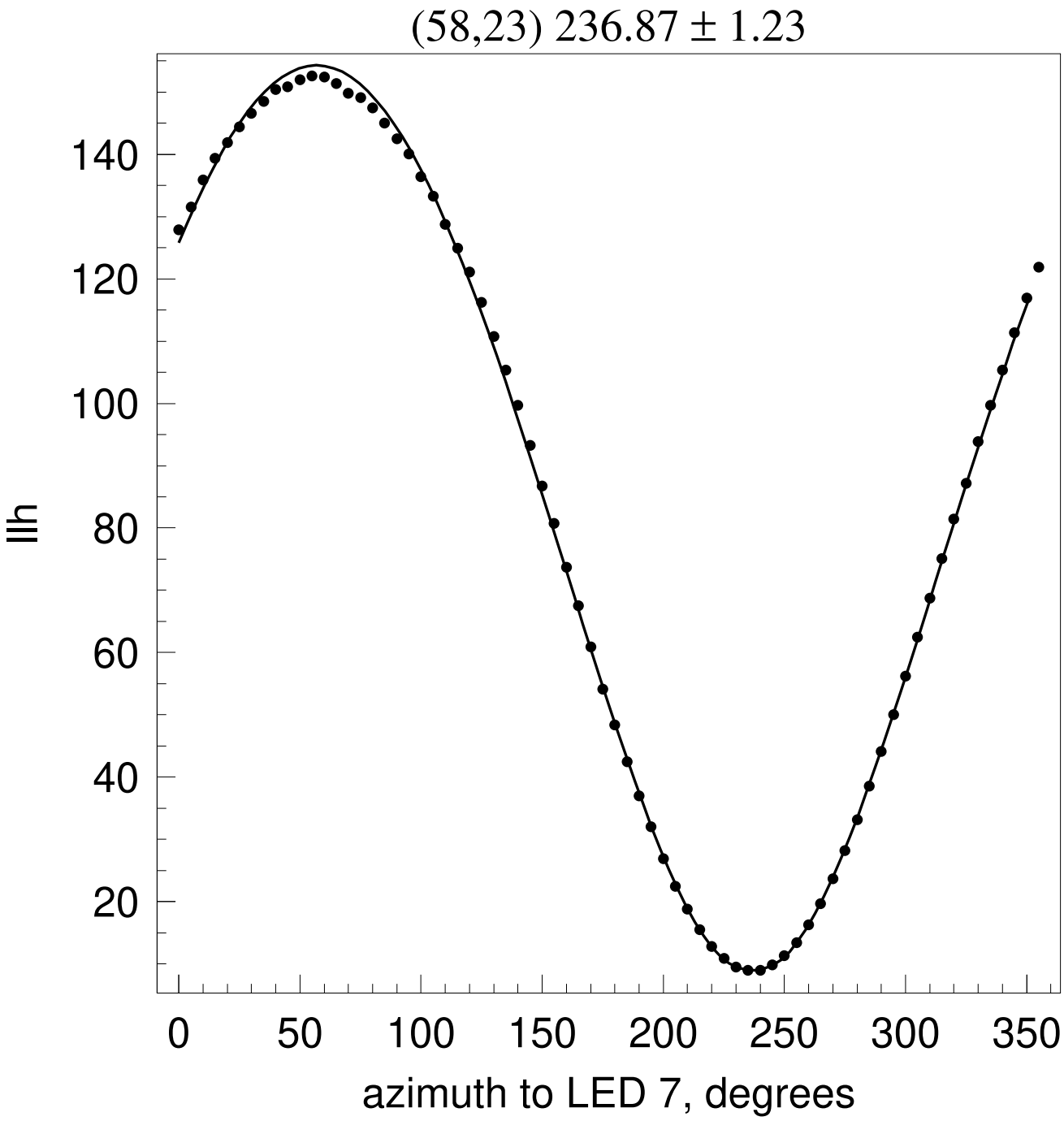

(58,18) 3.67 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

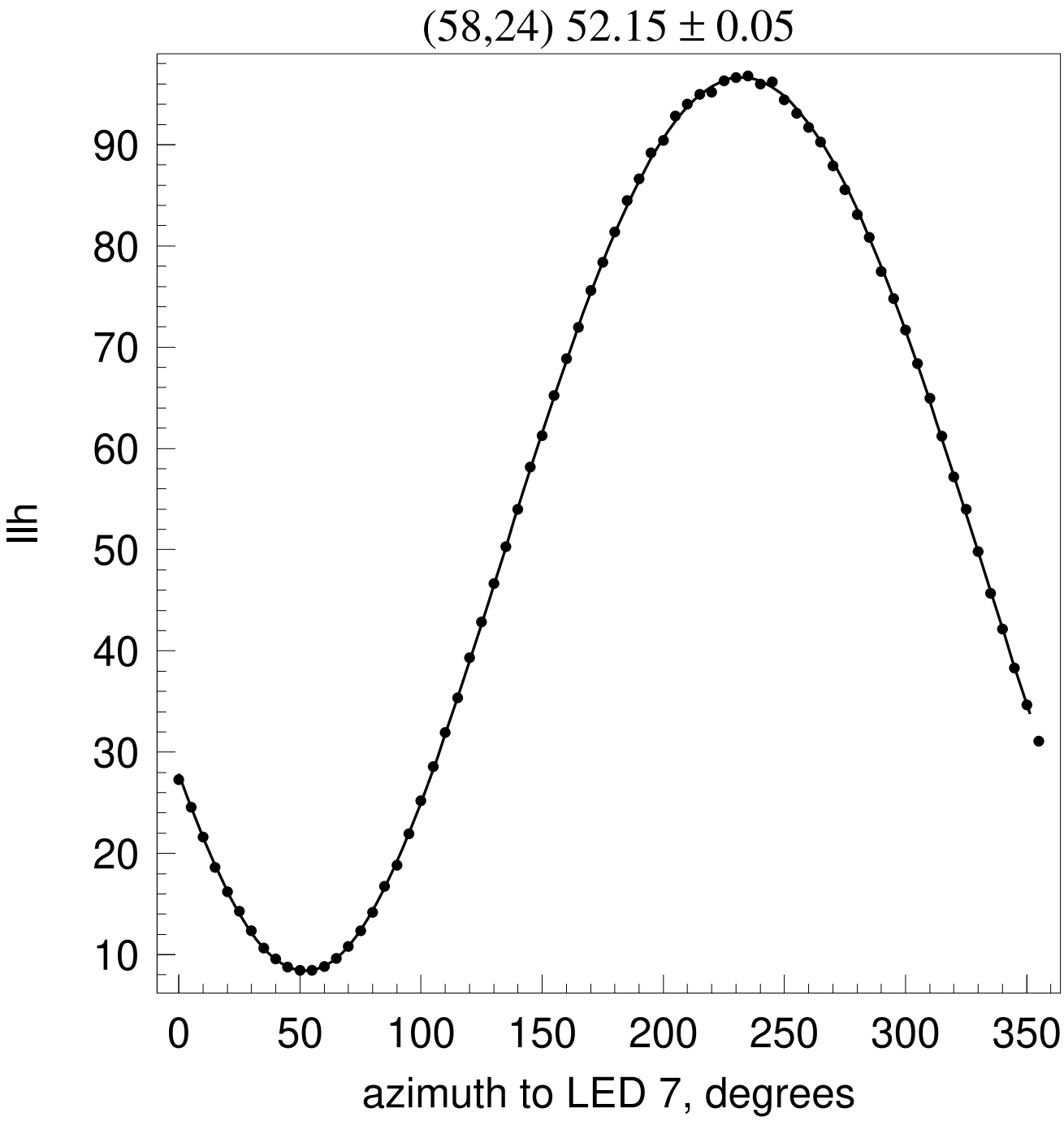

(58,19) 21.17 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

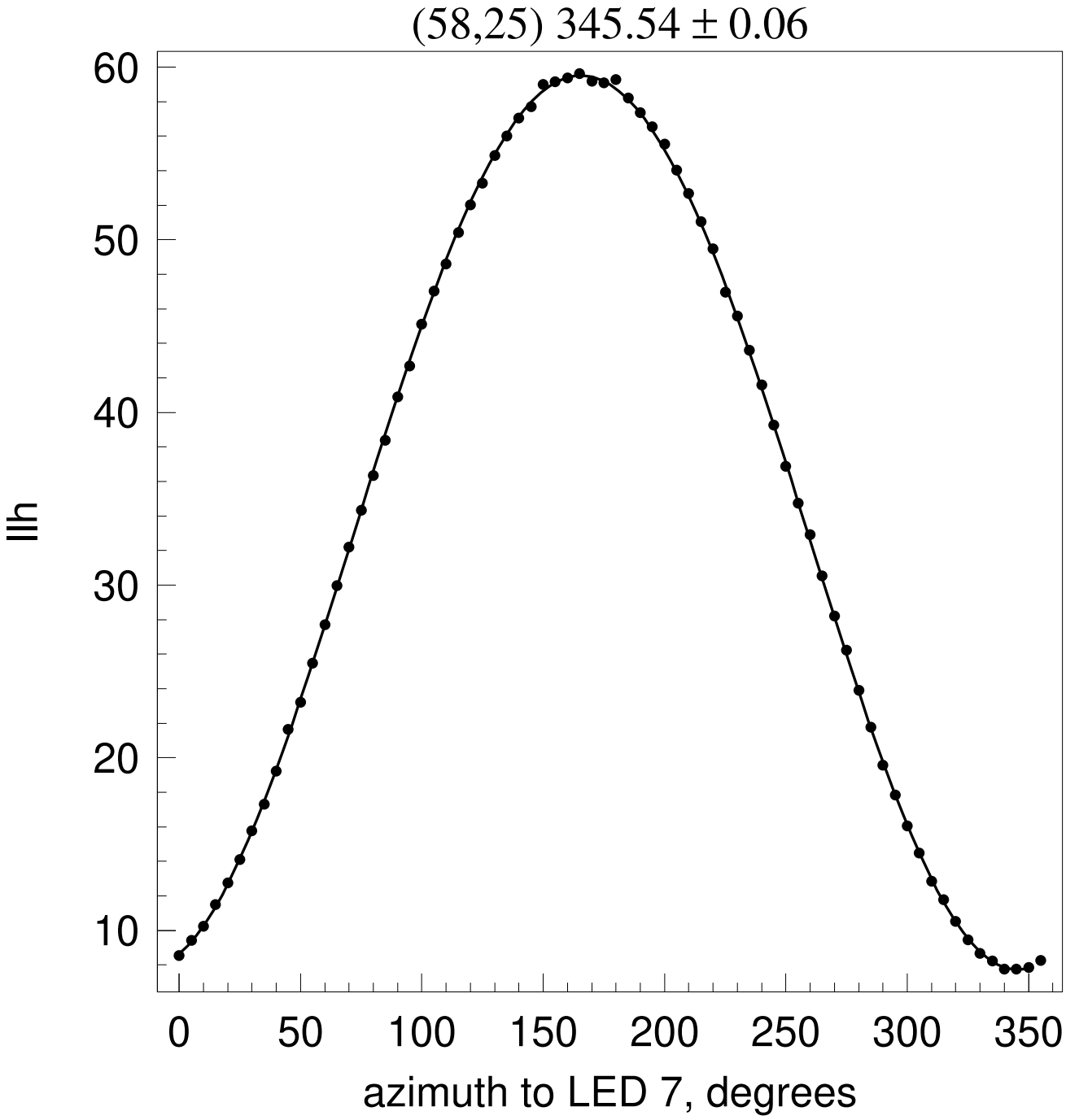

(58,20) 206.79 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

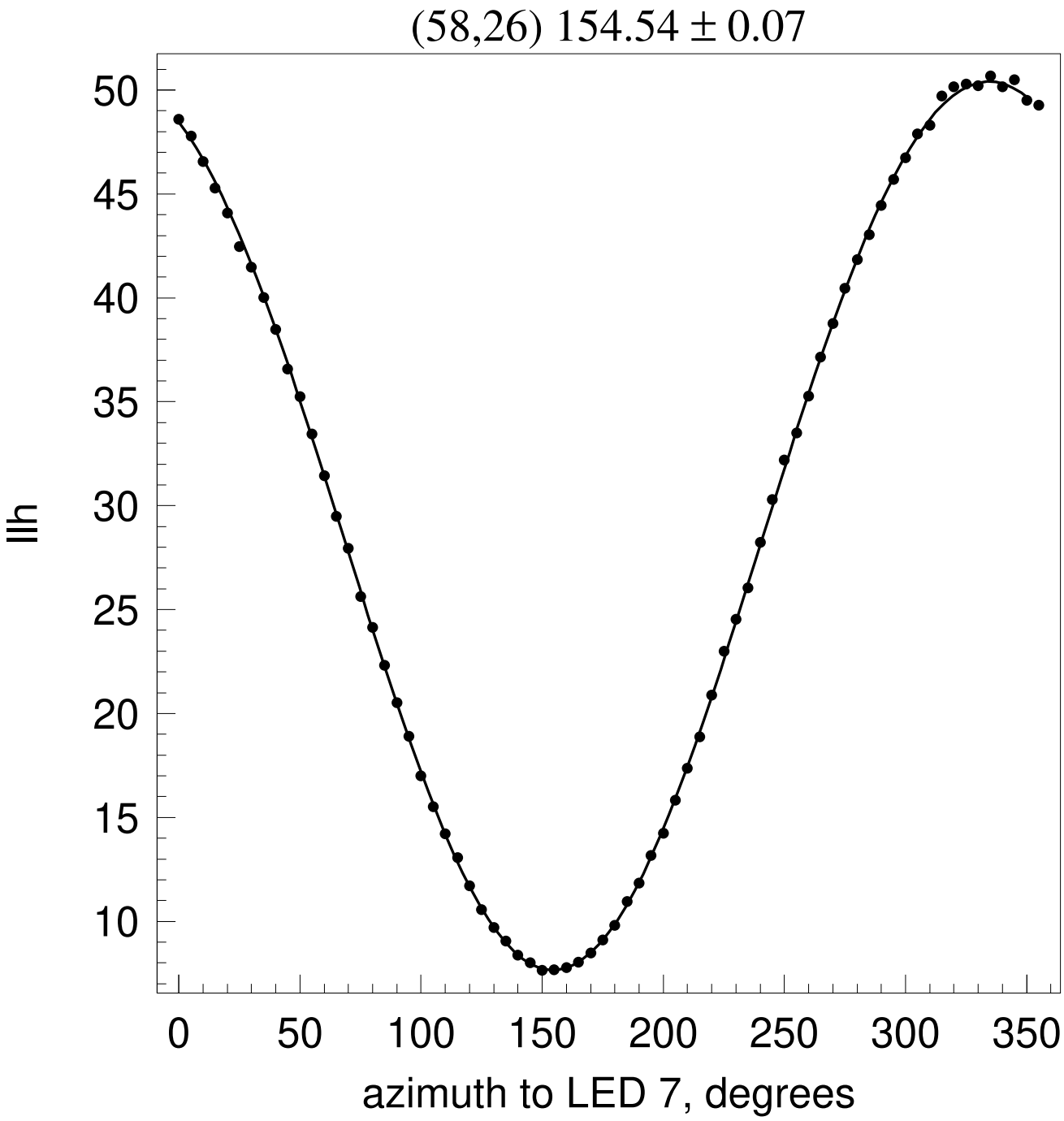

(58,21) 320.12 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

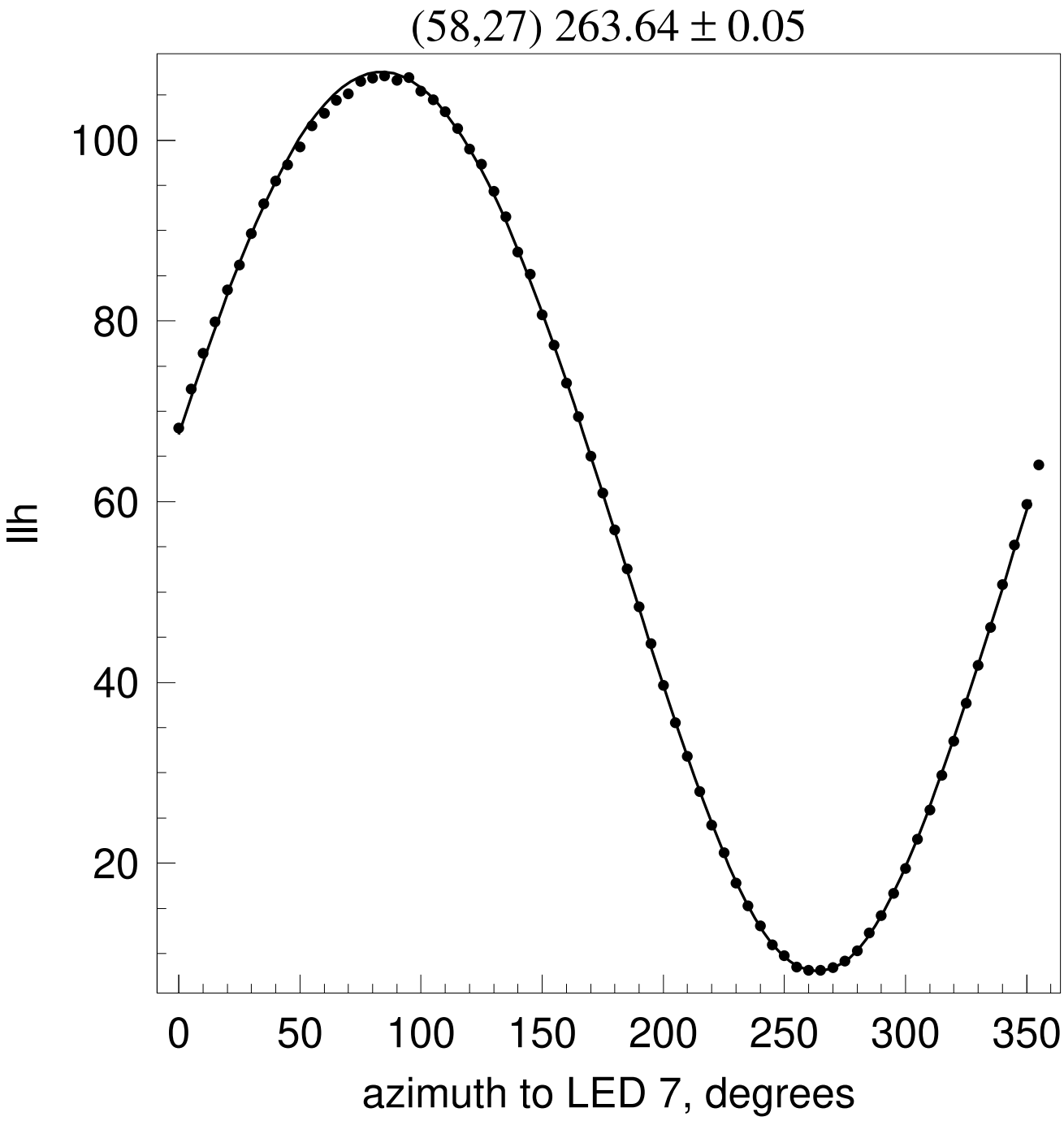

(58,22) 224.85 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

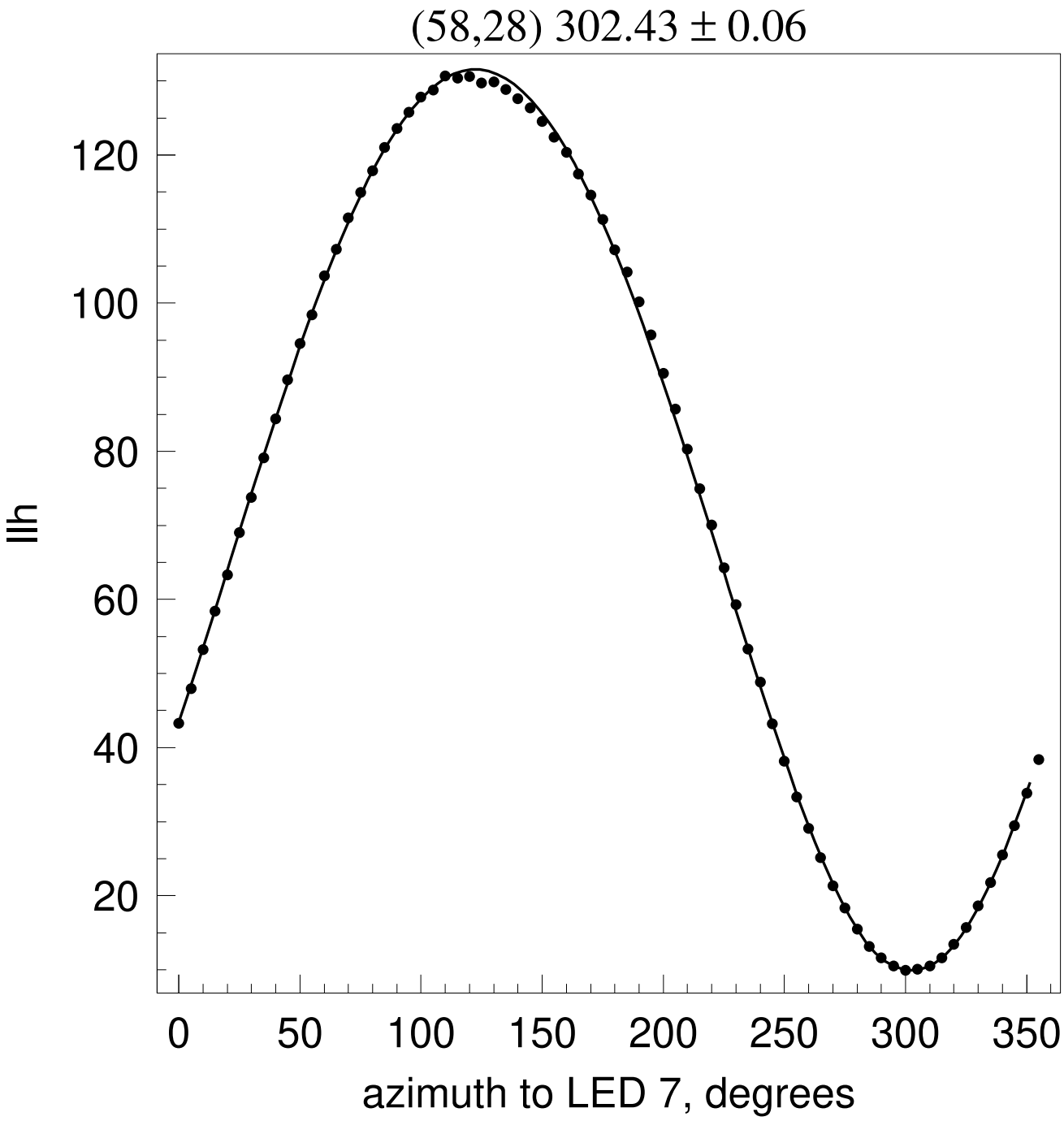

(58,23) 236.87 ± 1.23
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

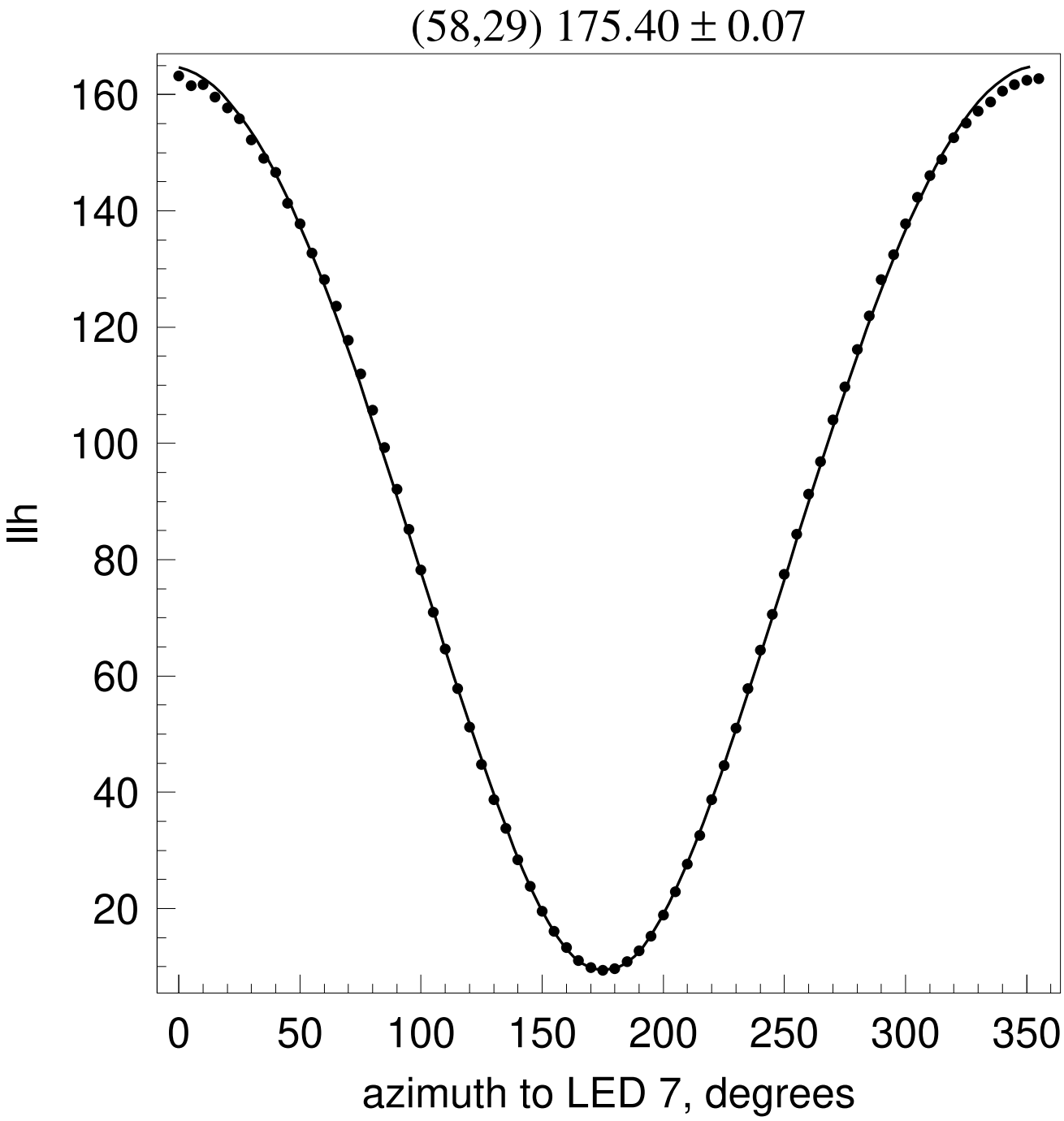

(58,24) 52.15 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

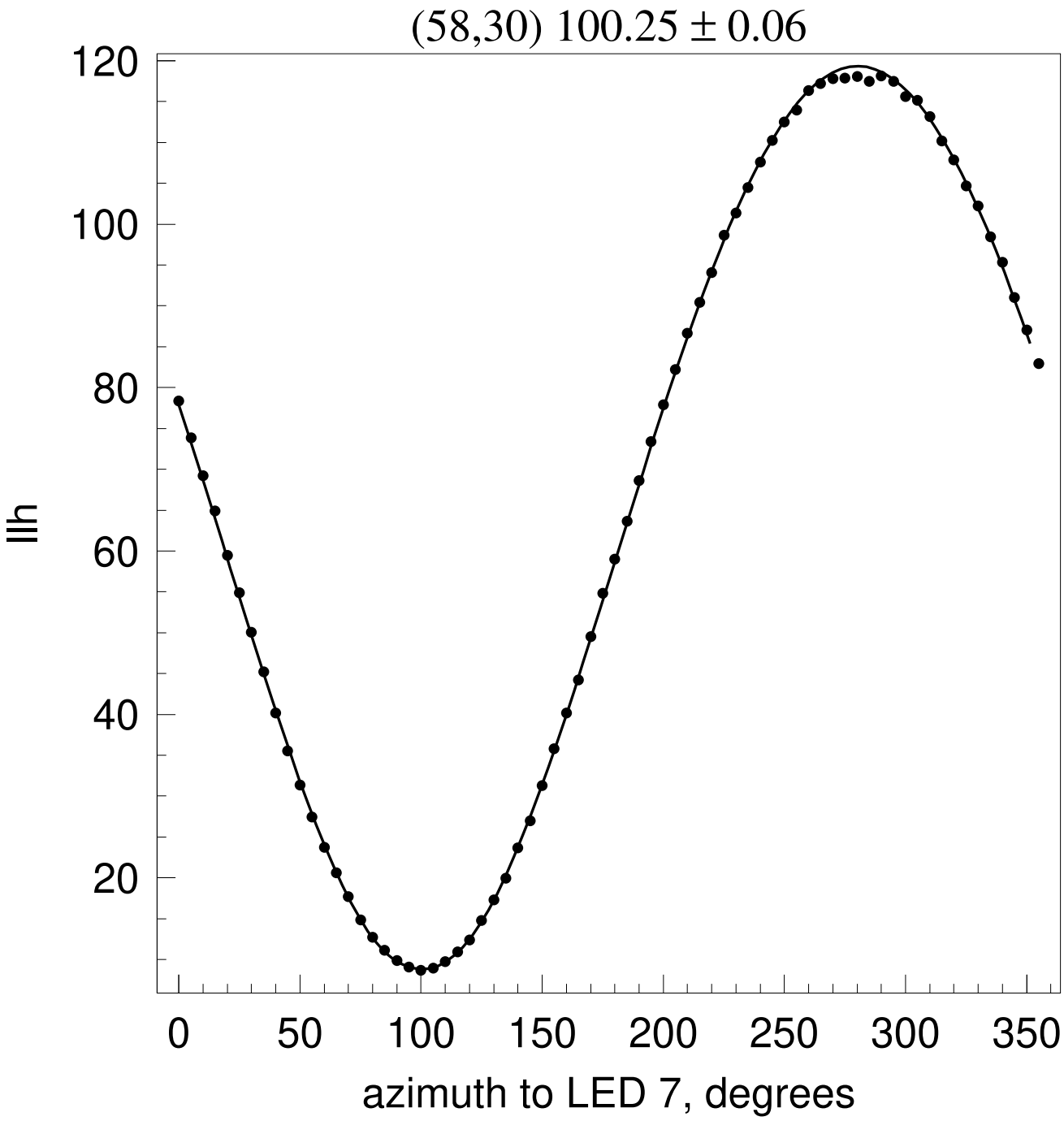

(58,25) 345.54 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

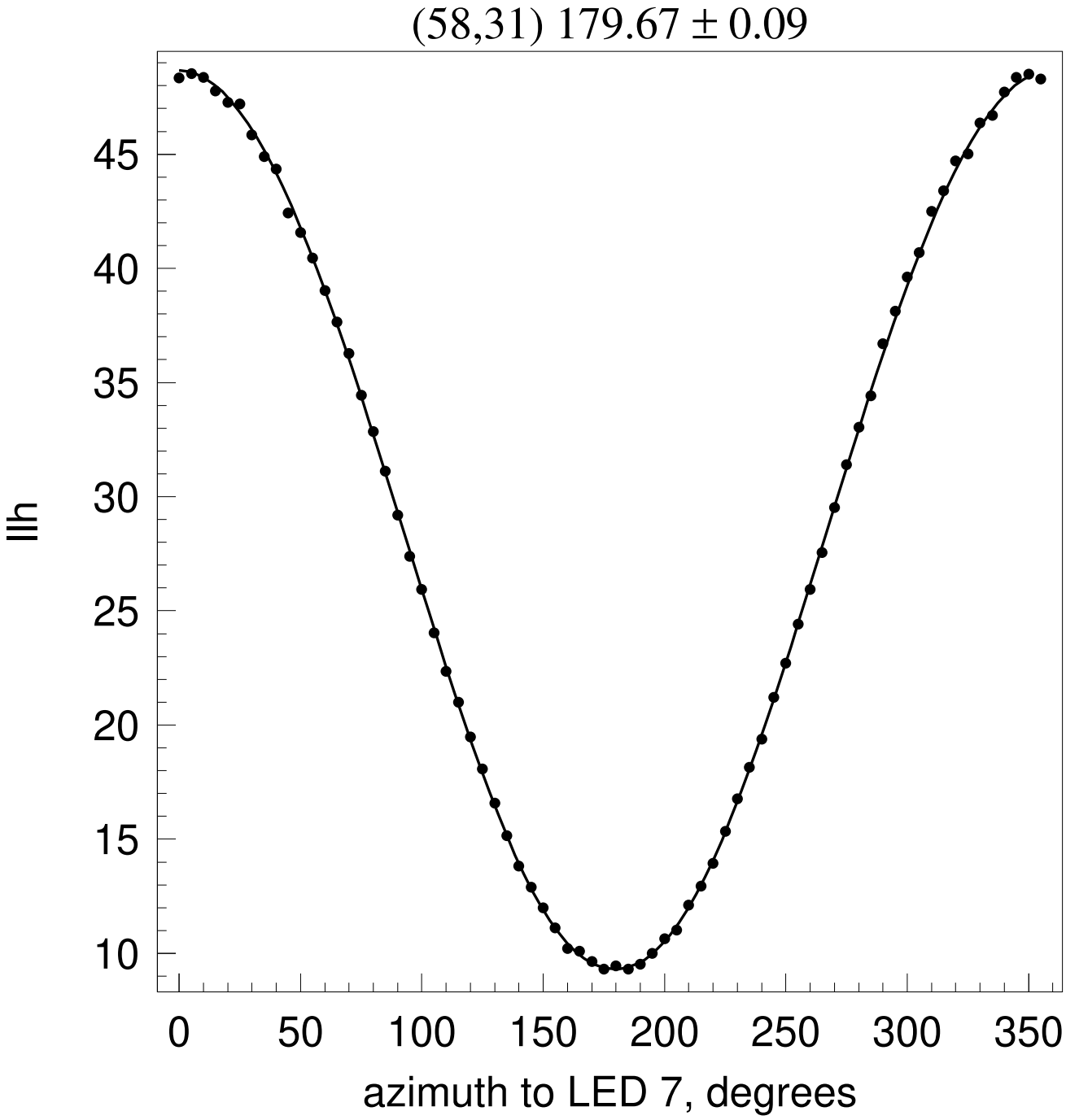

(58,26) 154.54 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

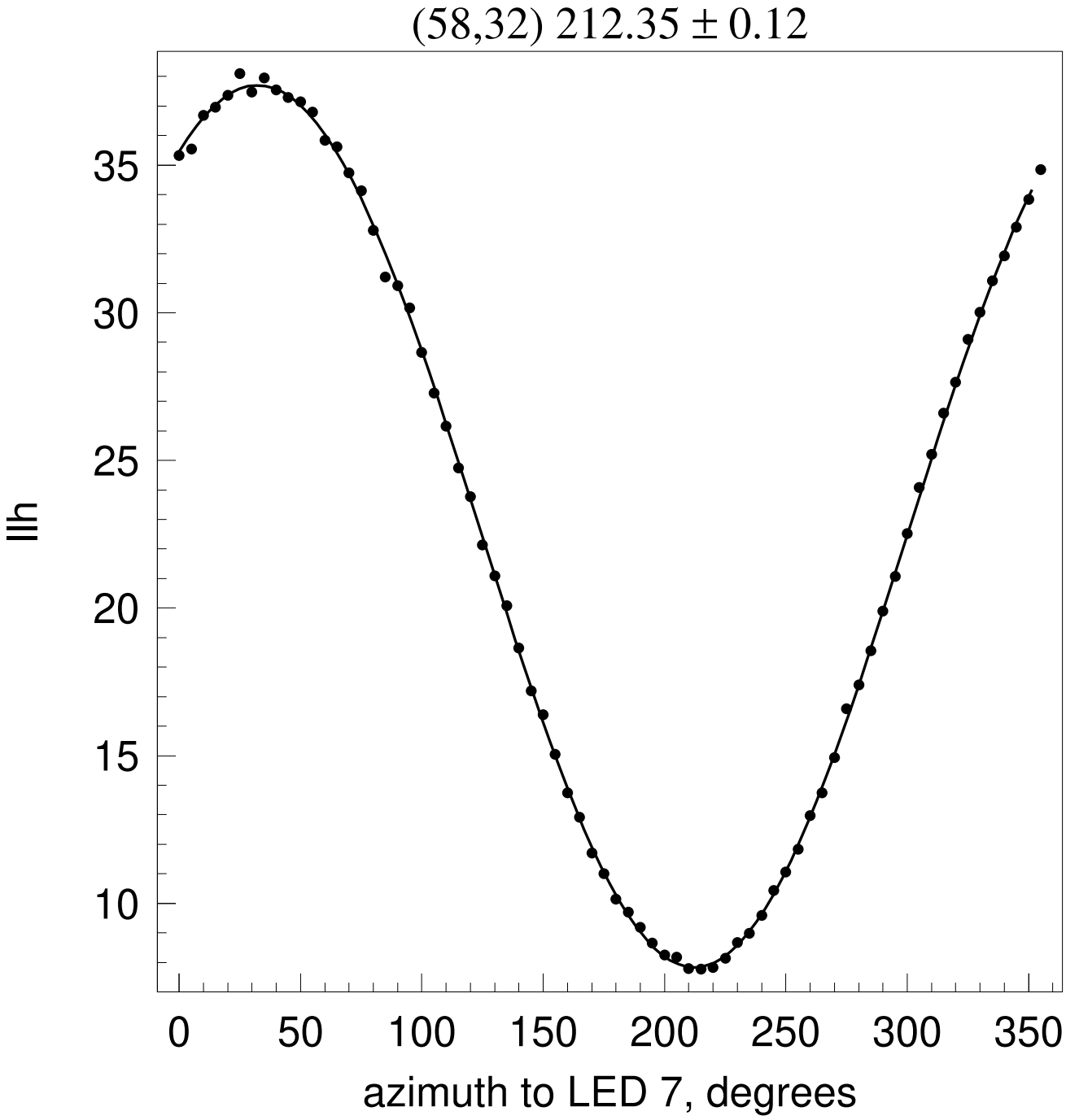

(58,27) 263.64 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

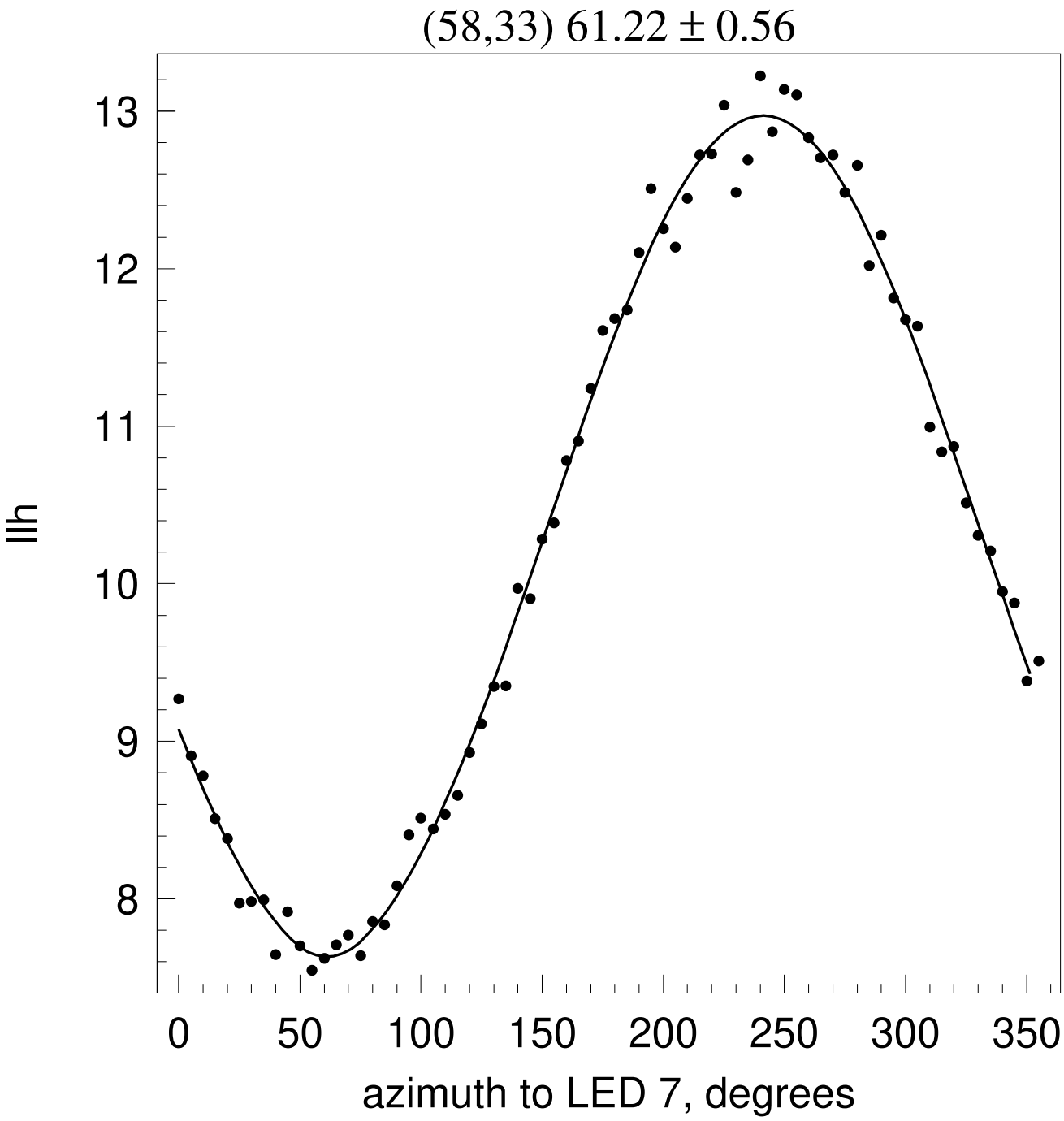

(58,28) 302.43 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

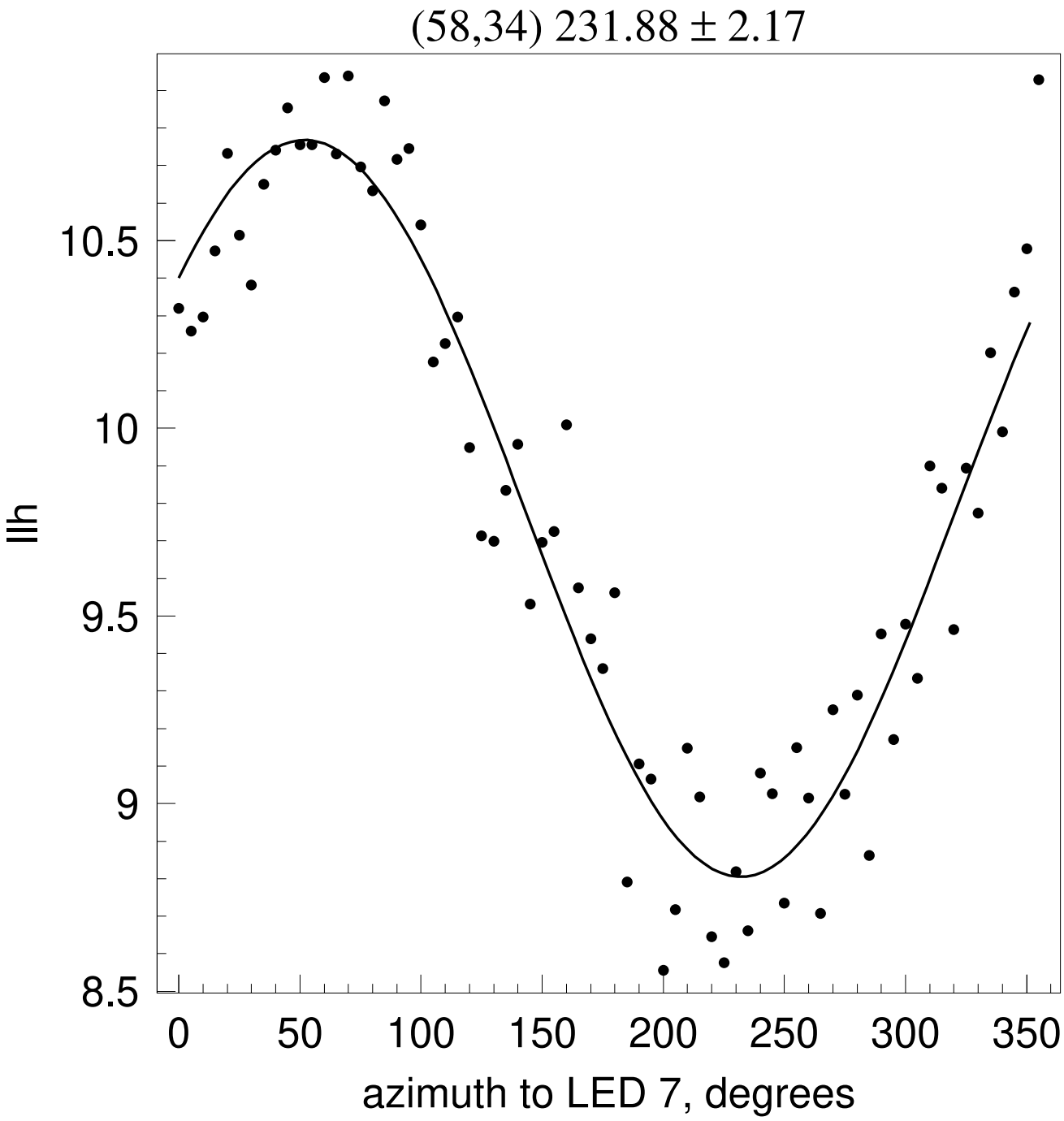

(58,29) 175.40 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

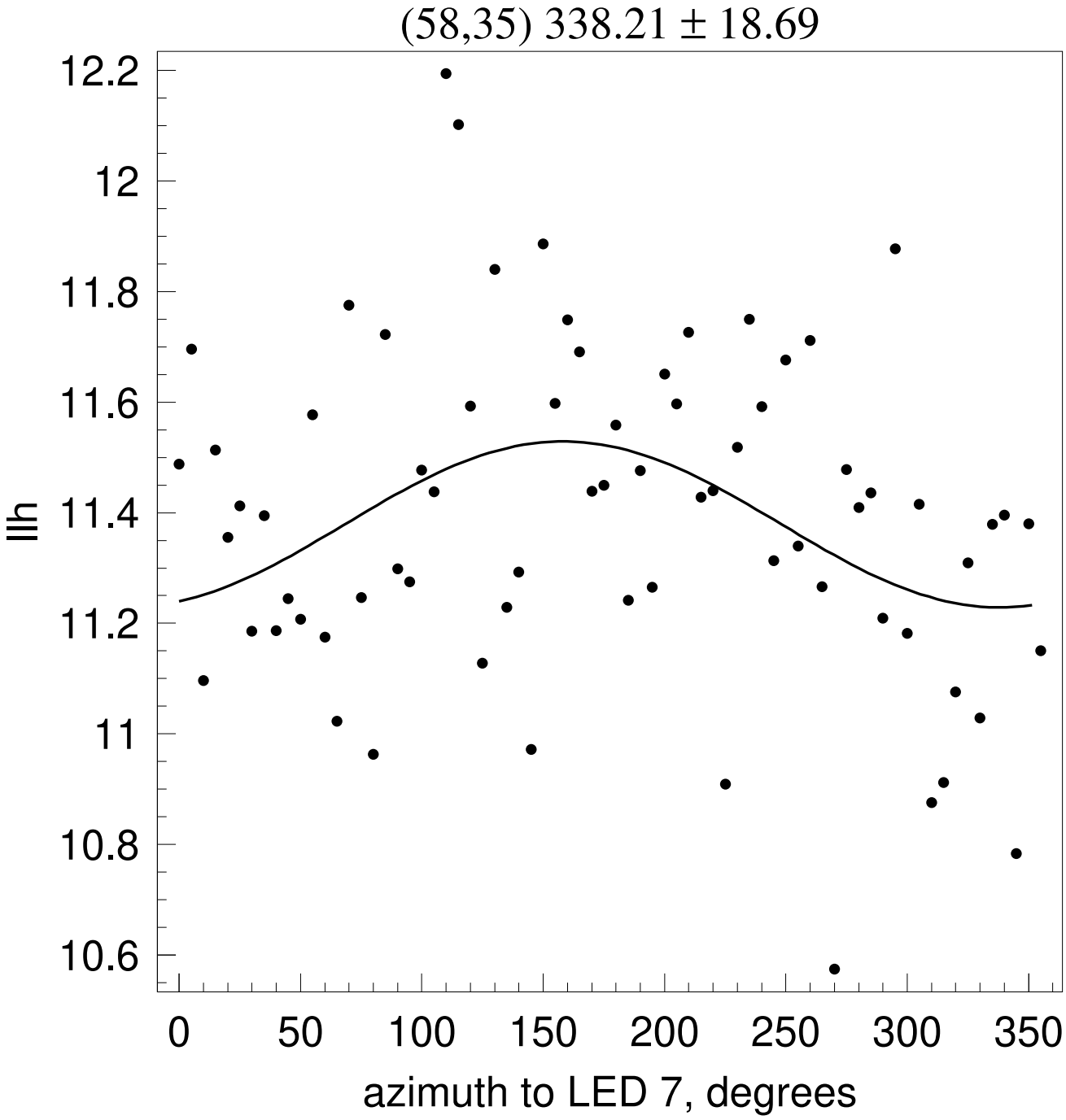

(58,30) 100.25 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

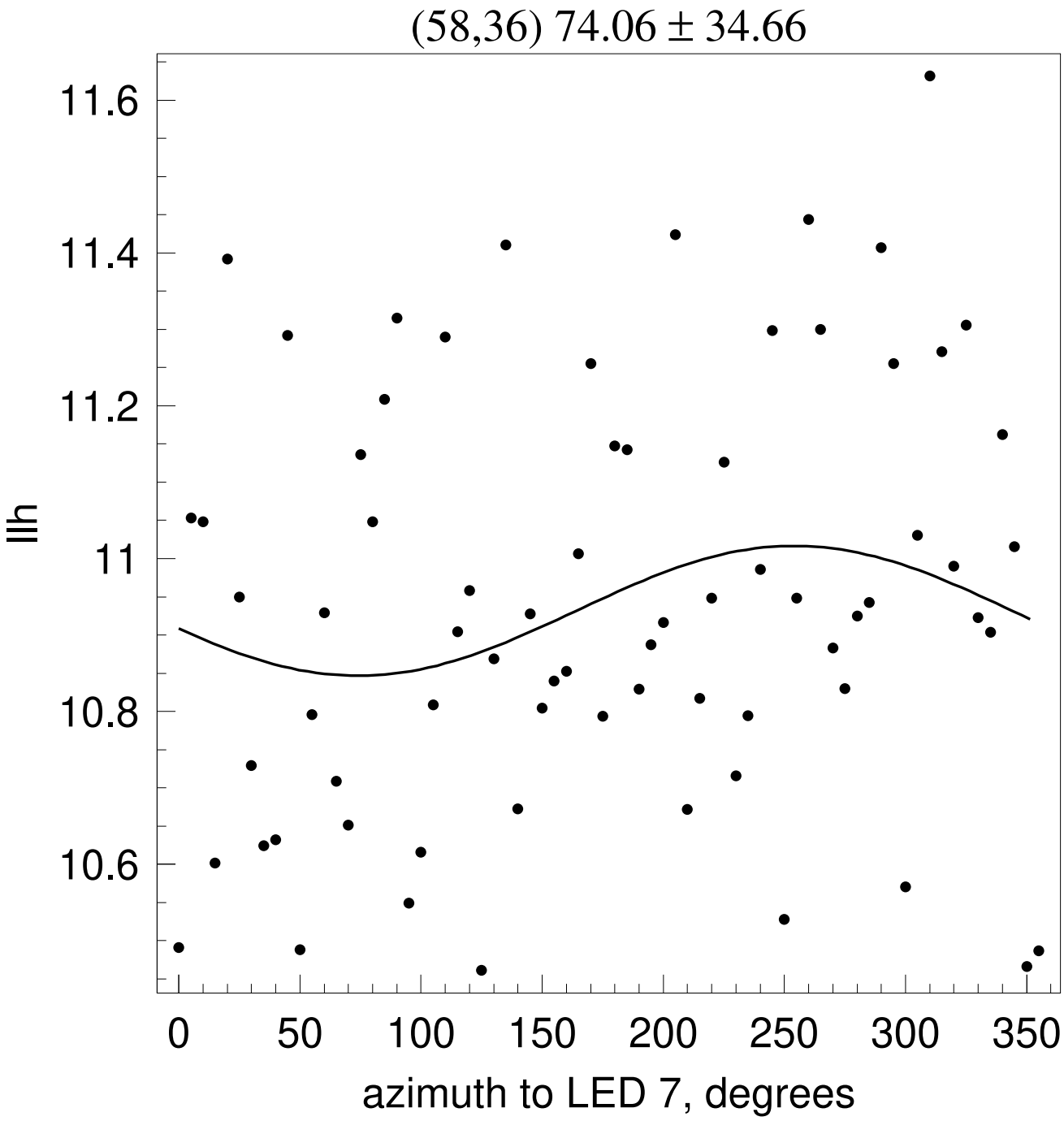

(58,31) 179.67 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

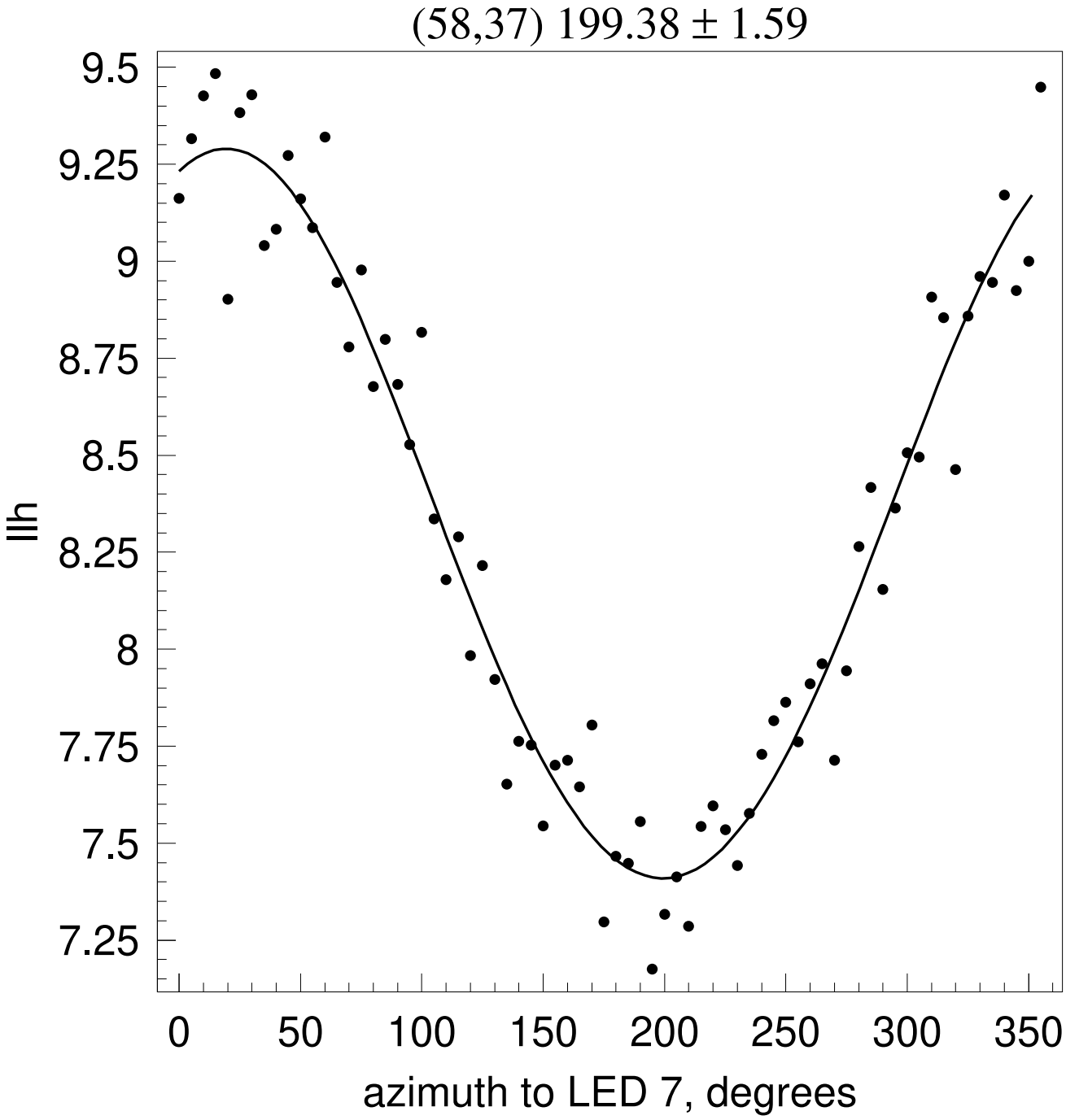

(58,32) 212.35 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

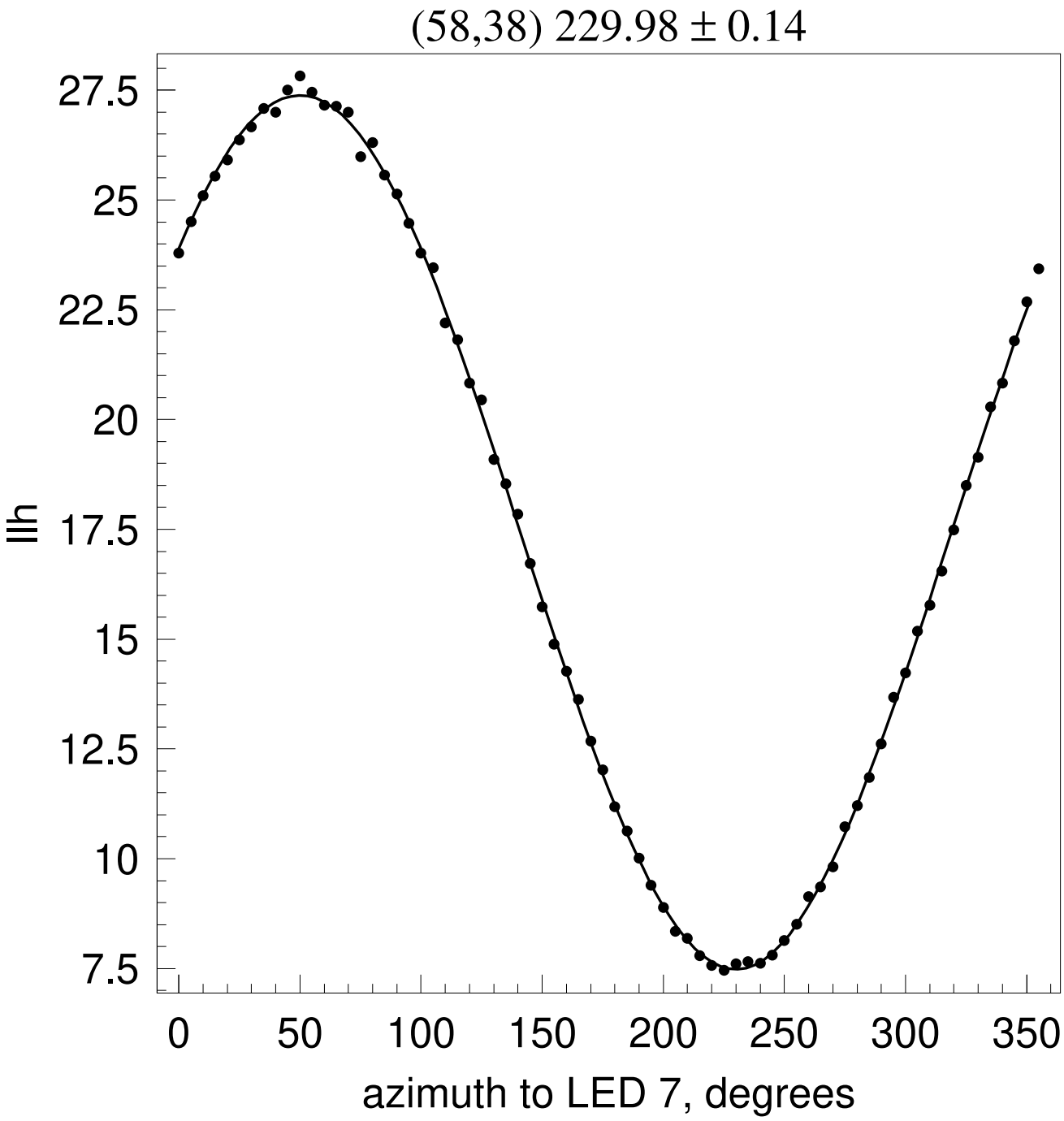

(58,33) 61.22 ± 0.56
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

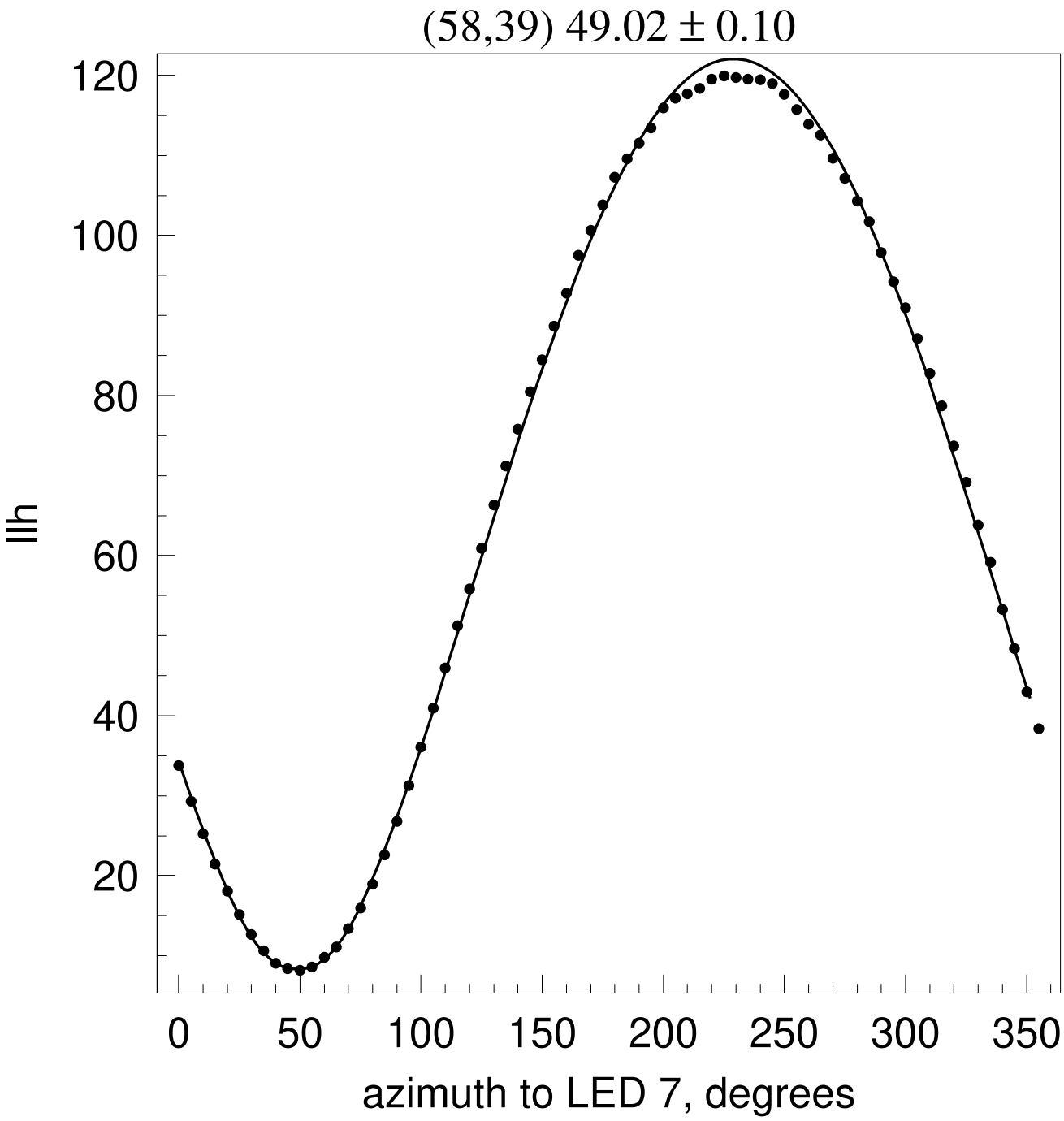

(58,34) 231.88 ± 2.17
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

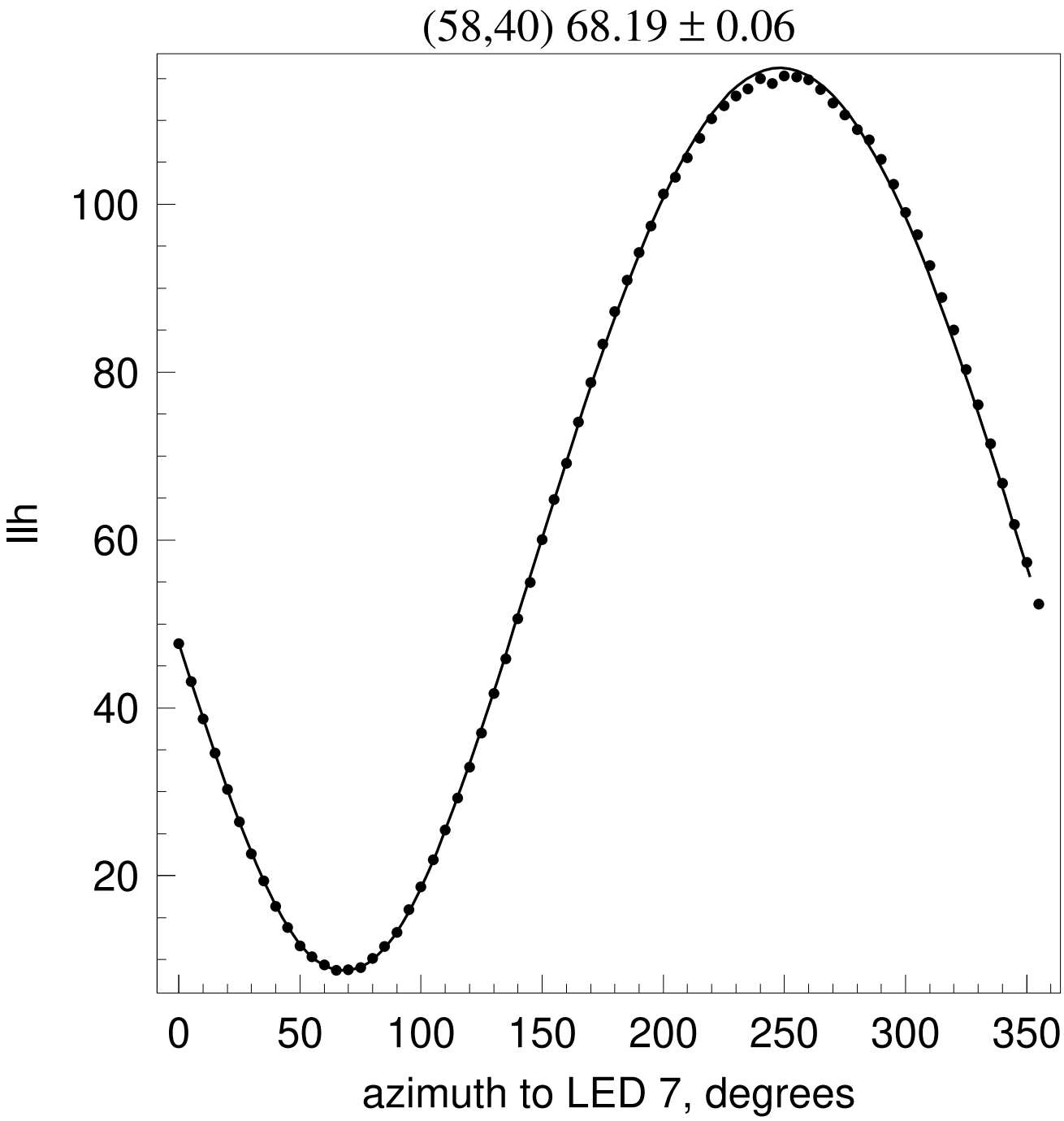

(58,35) 338.21 ± 18.69
12.2
12
11.8
11.6
11.4
11.2
11
10.8
10.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

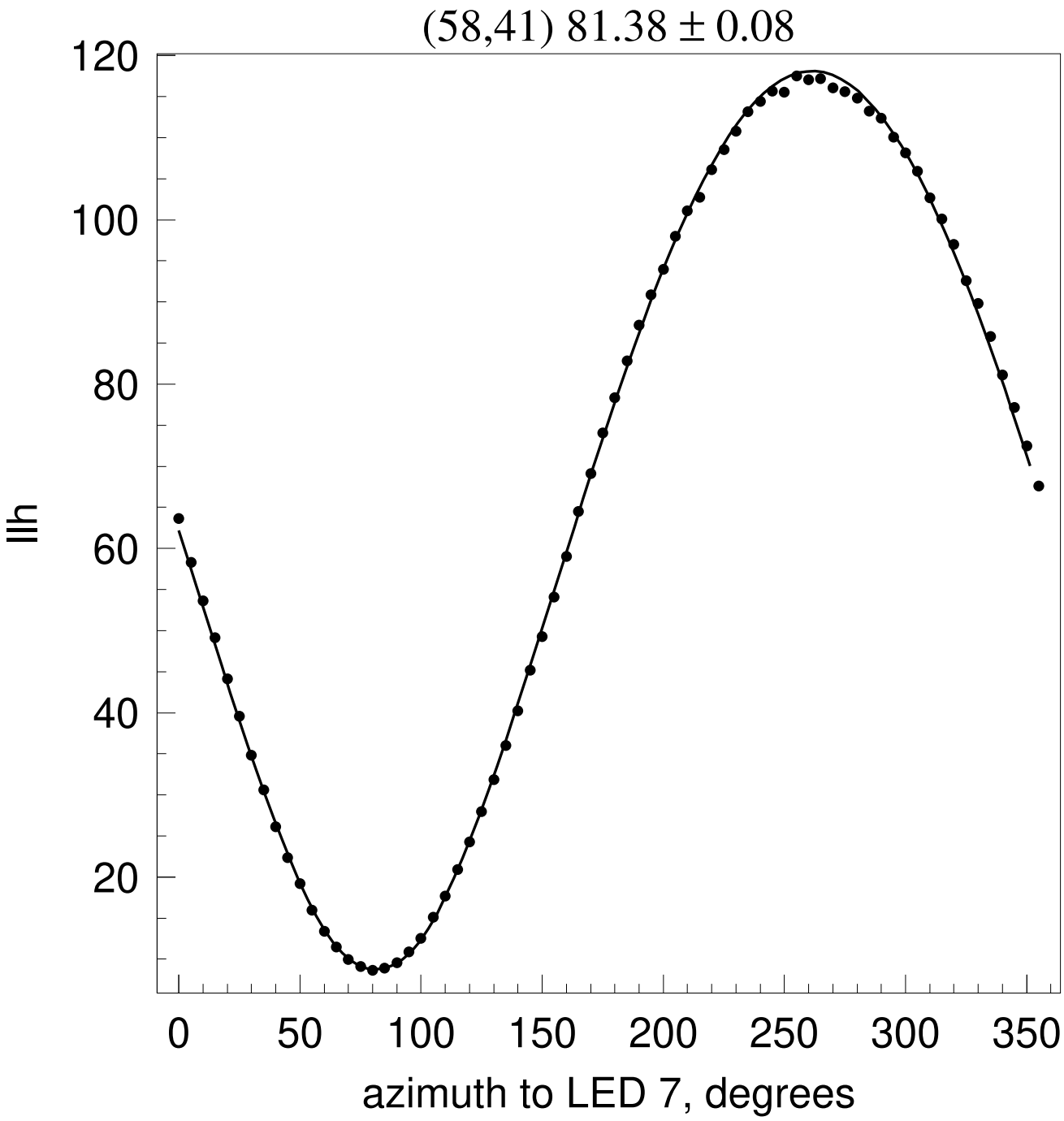

(58,36) 74.06 ± 34.66
11.6
11.4
11.2
11
10.8
10.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

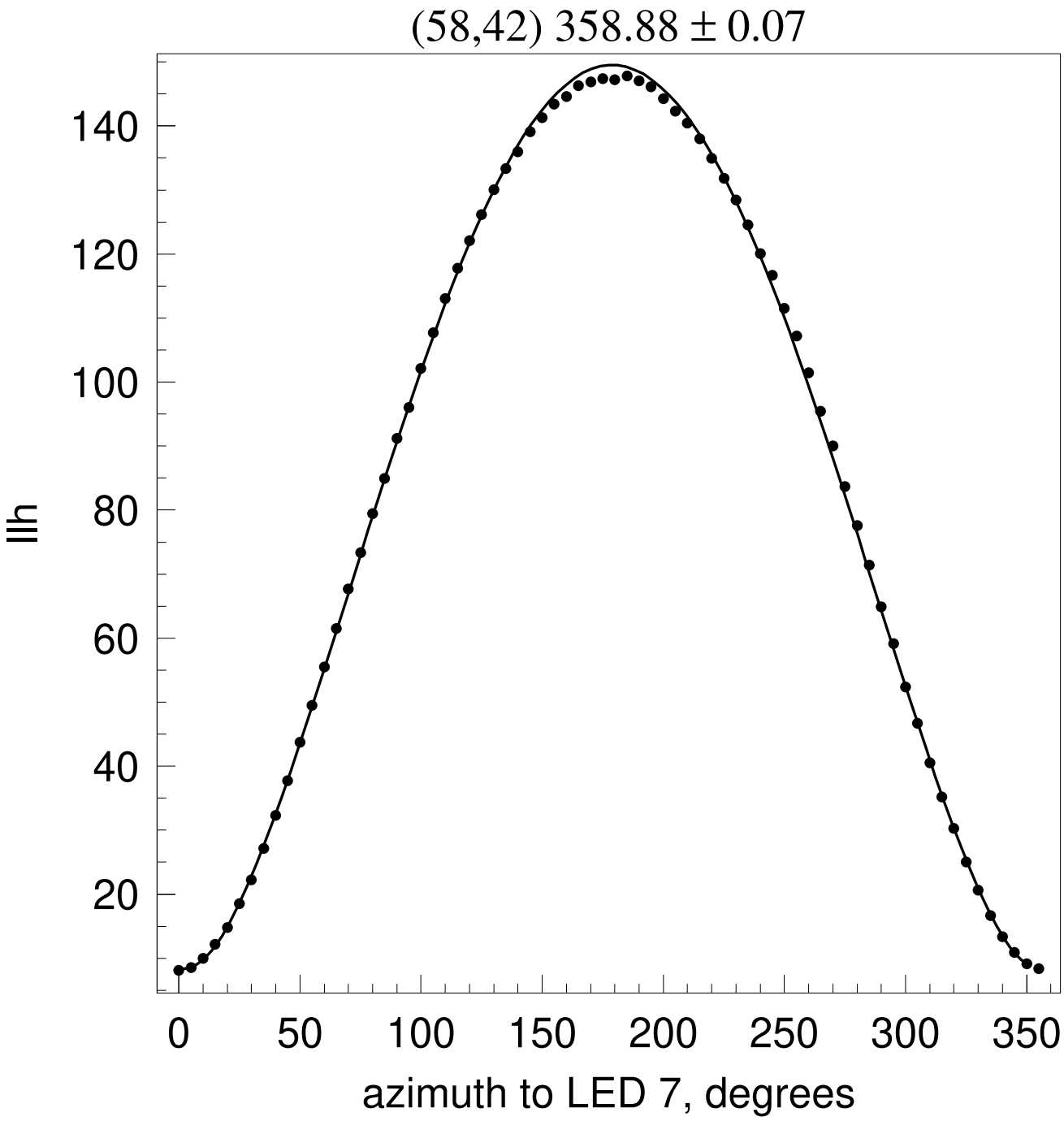

(58,37) 199.38 ± 1.59
9.5
9.25
9
8.75
8.5
8.25
8
7.75
7.5
7.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

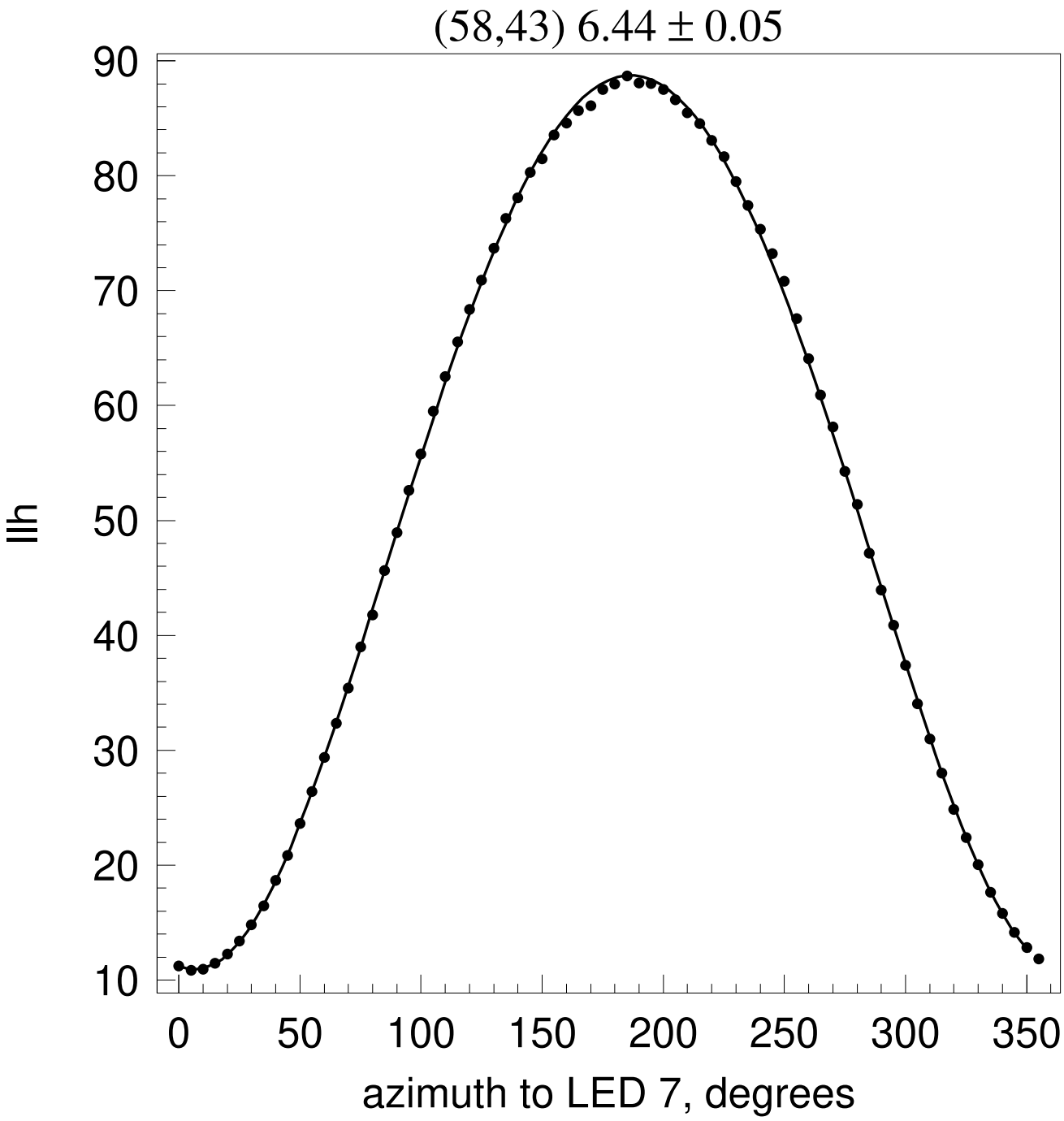

(58,38) 229.98 ± 0.14
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

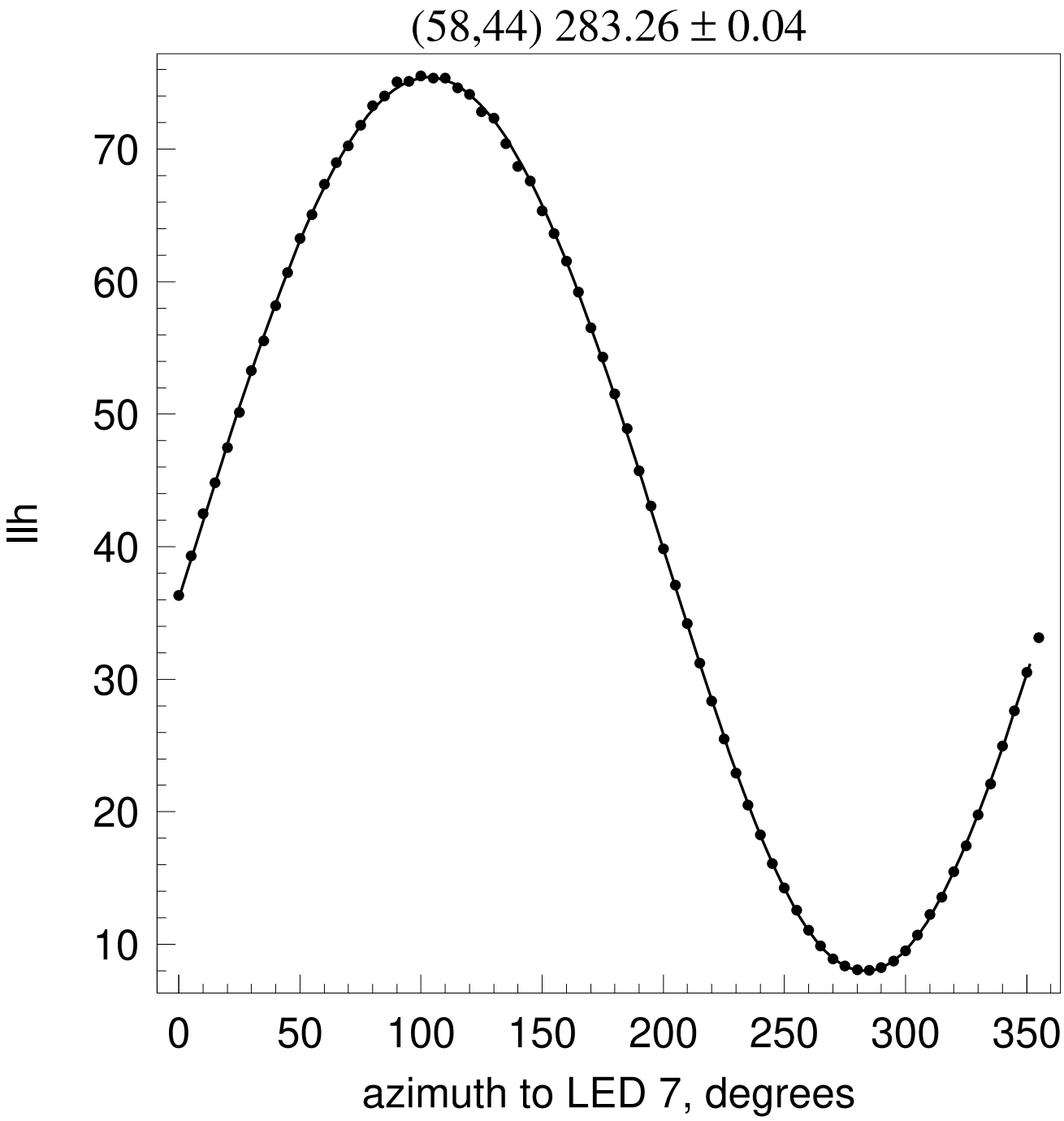

(58,39) 49.02 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

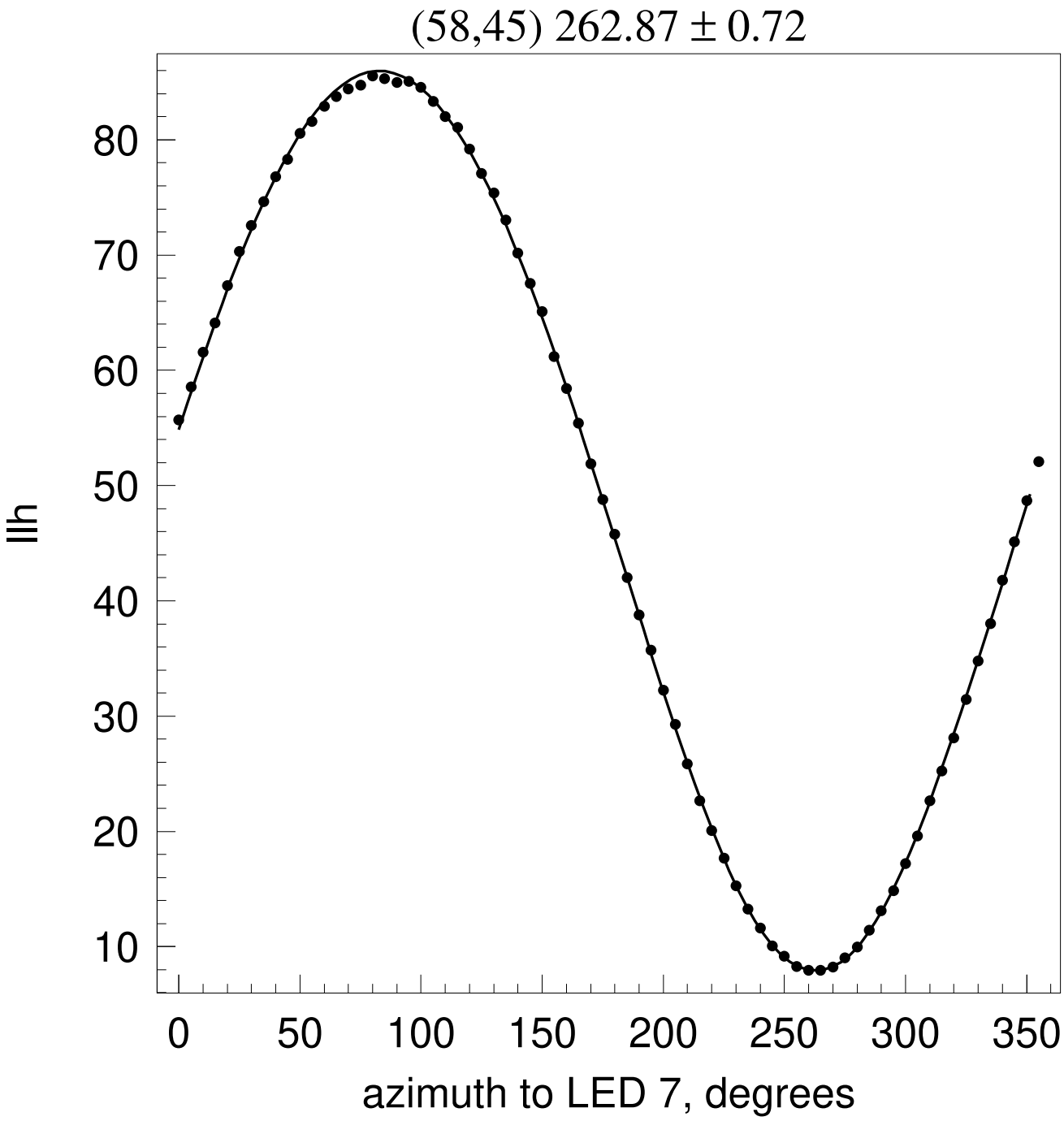

(58,40) 68.19 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

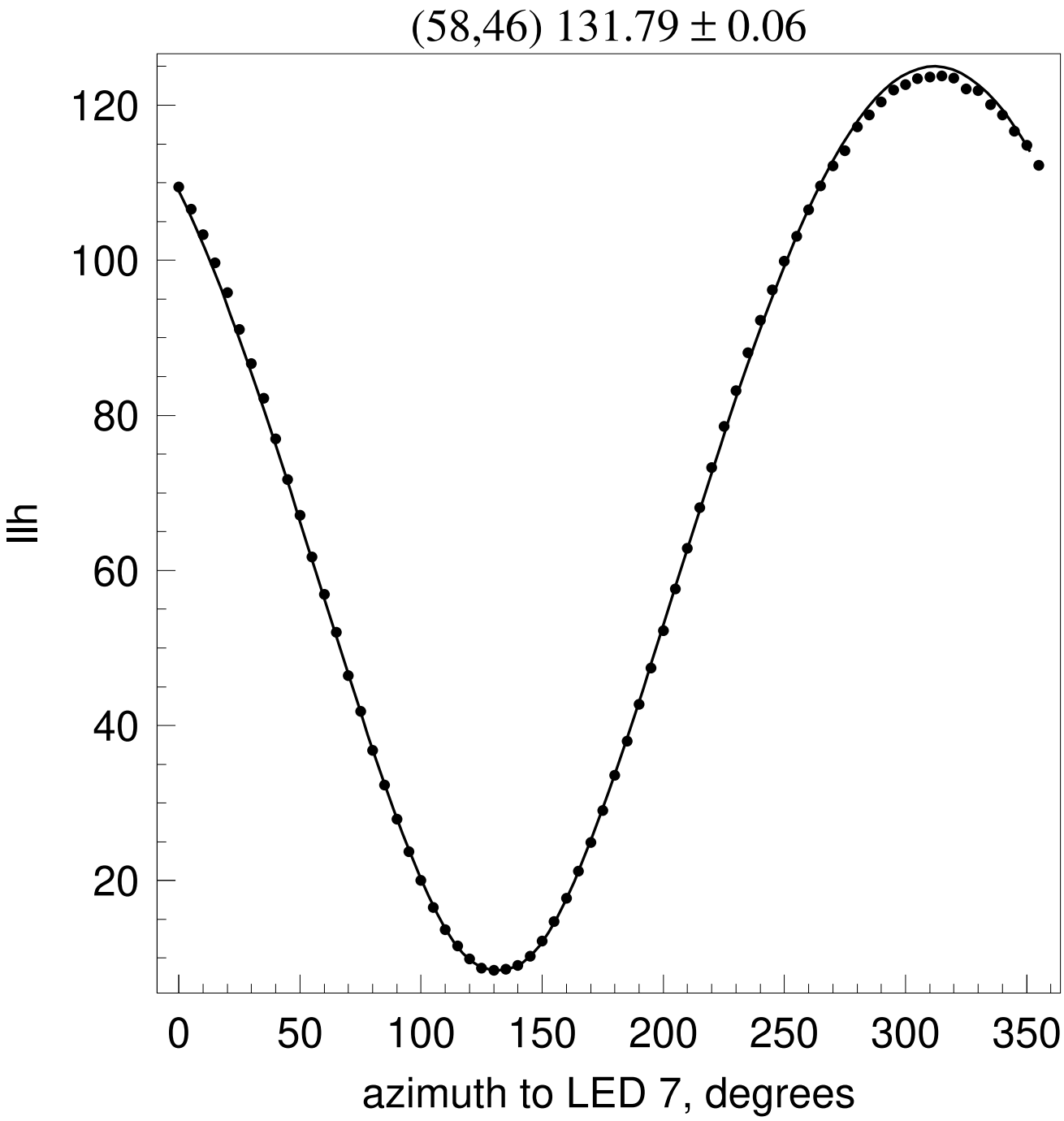

(58,41) 81.38 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

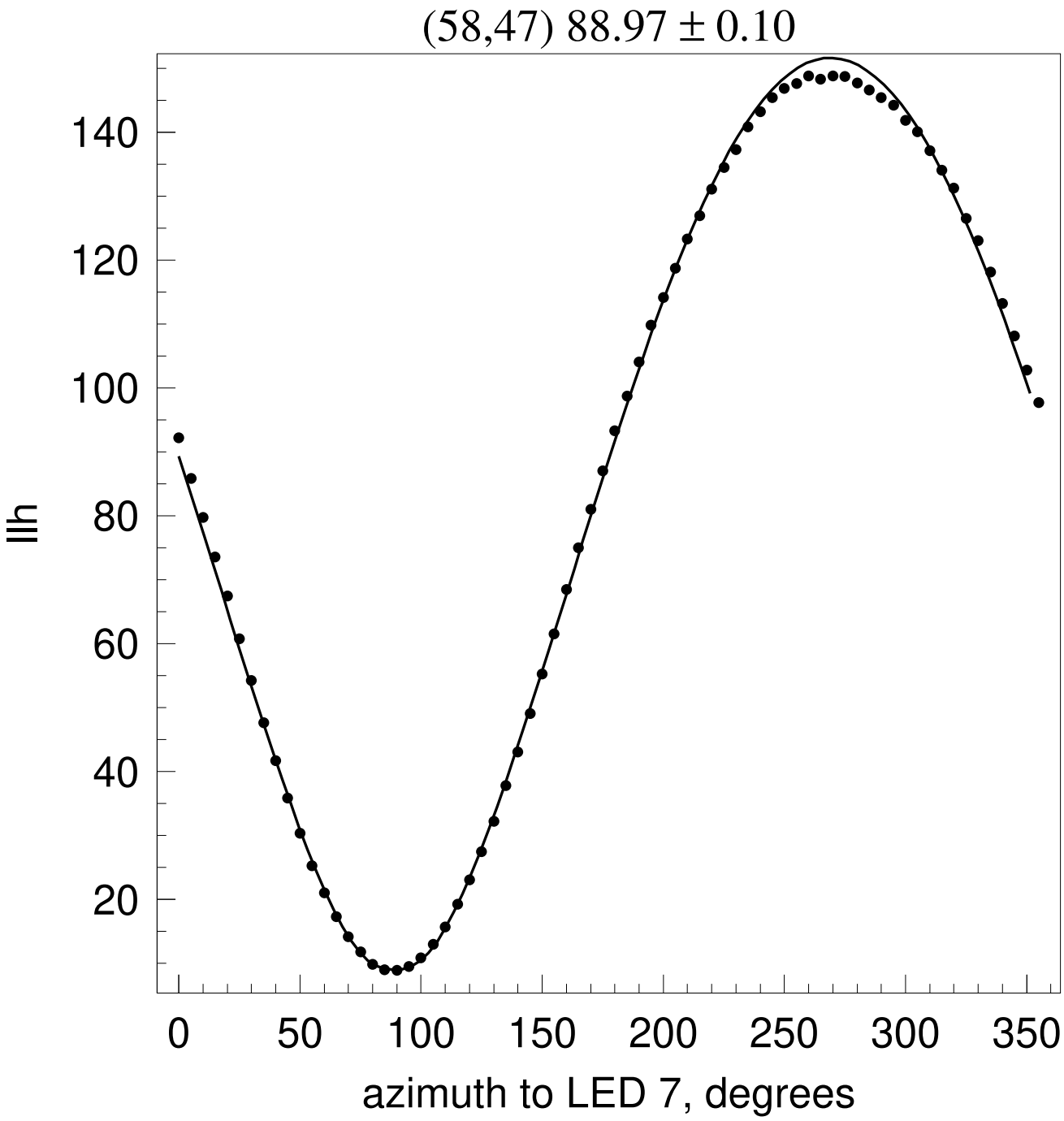

(58,42) 358.88 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

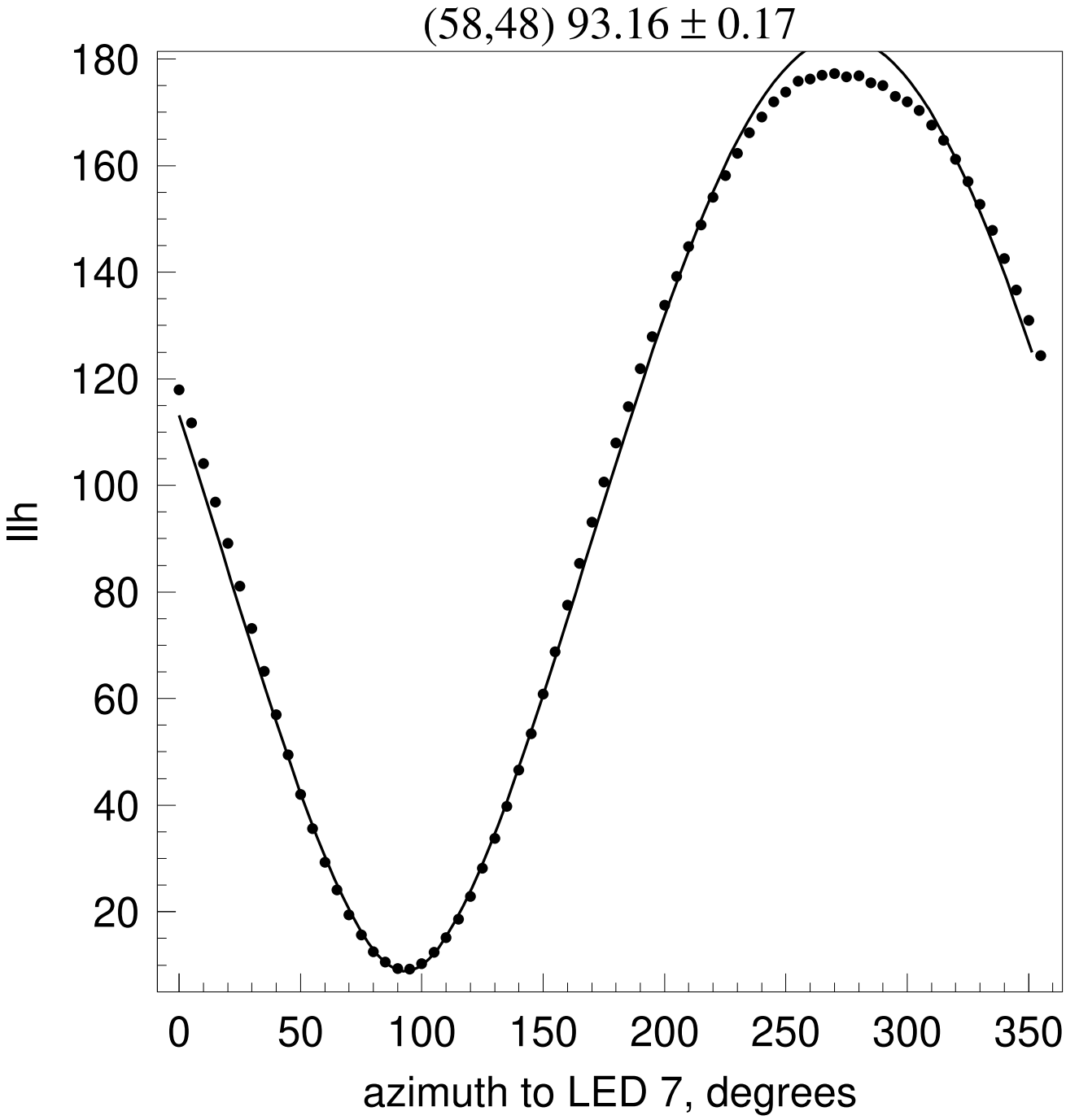

(58,43) 6.44 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

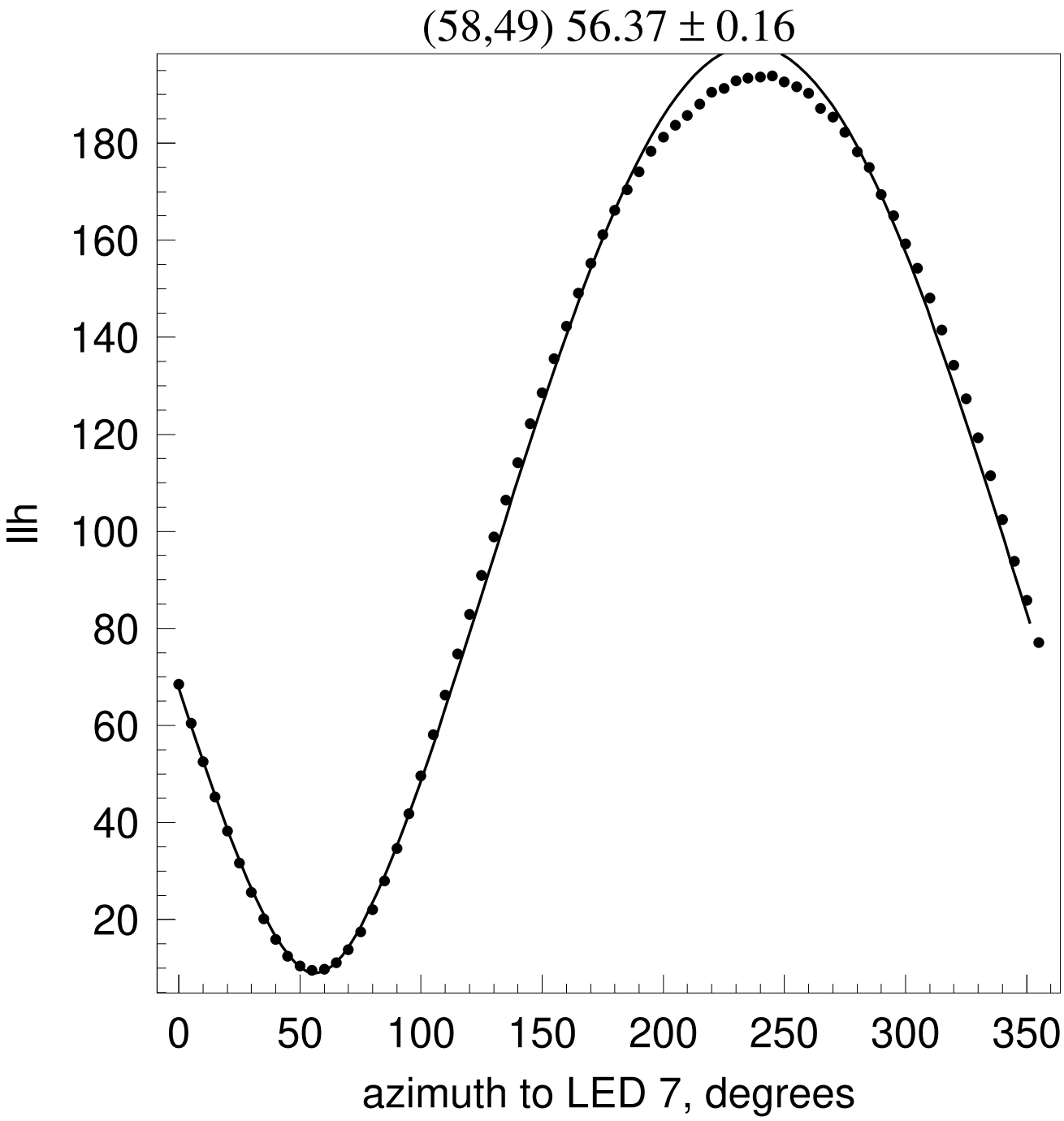

(58,44) 283.26 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

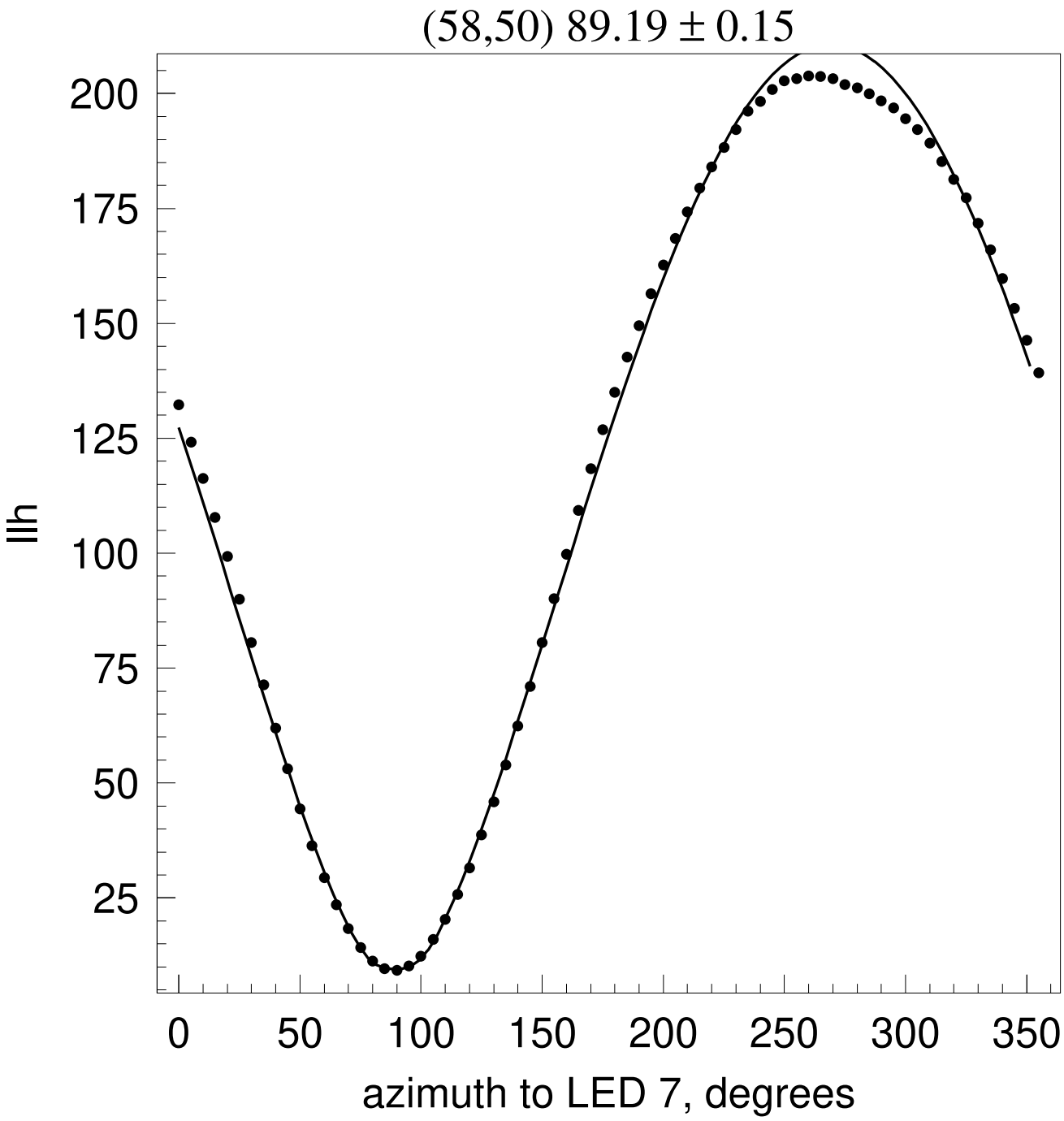

(58,45) 262.87 ± 0.72
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

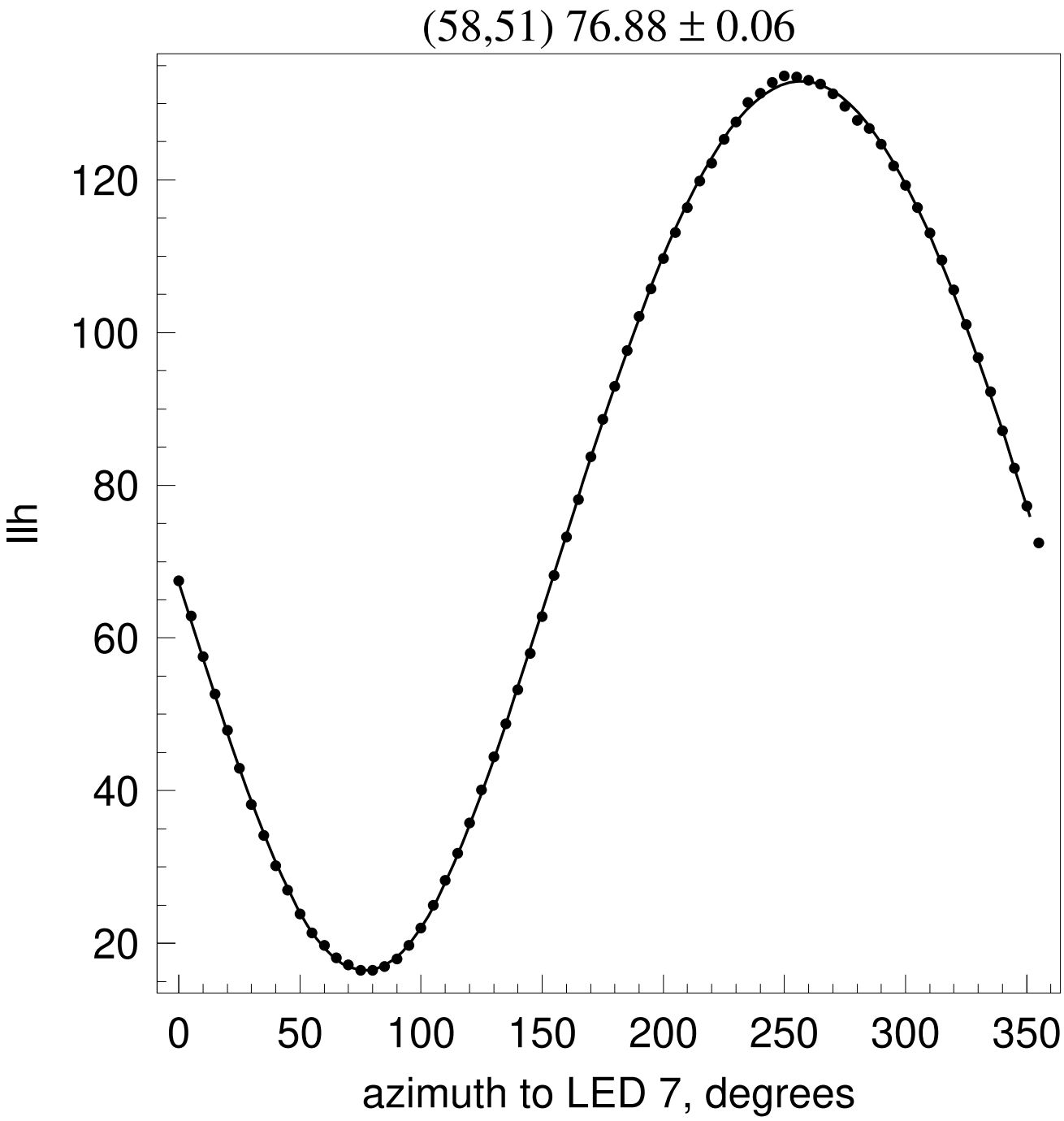

(58,46) 131.79 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

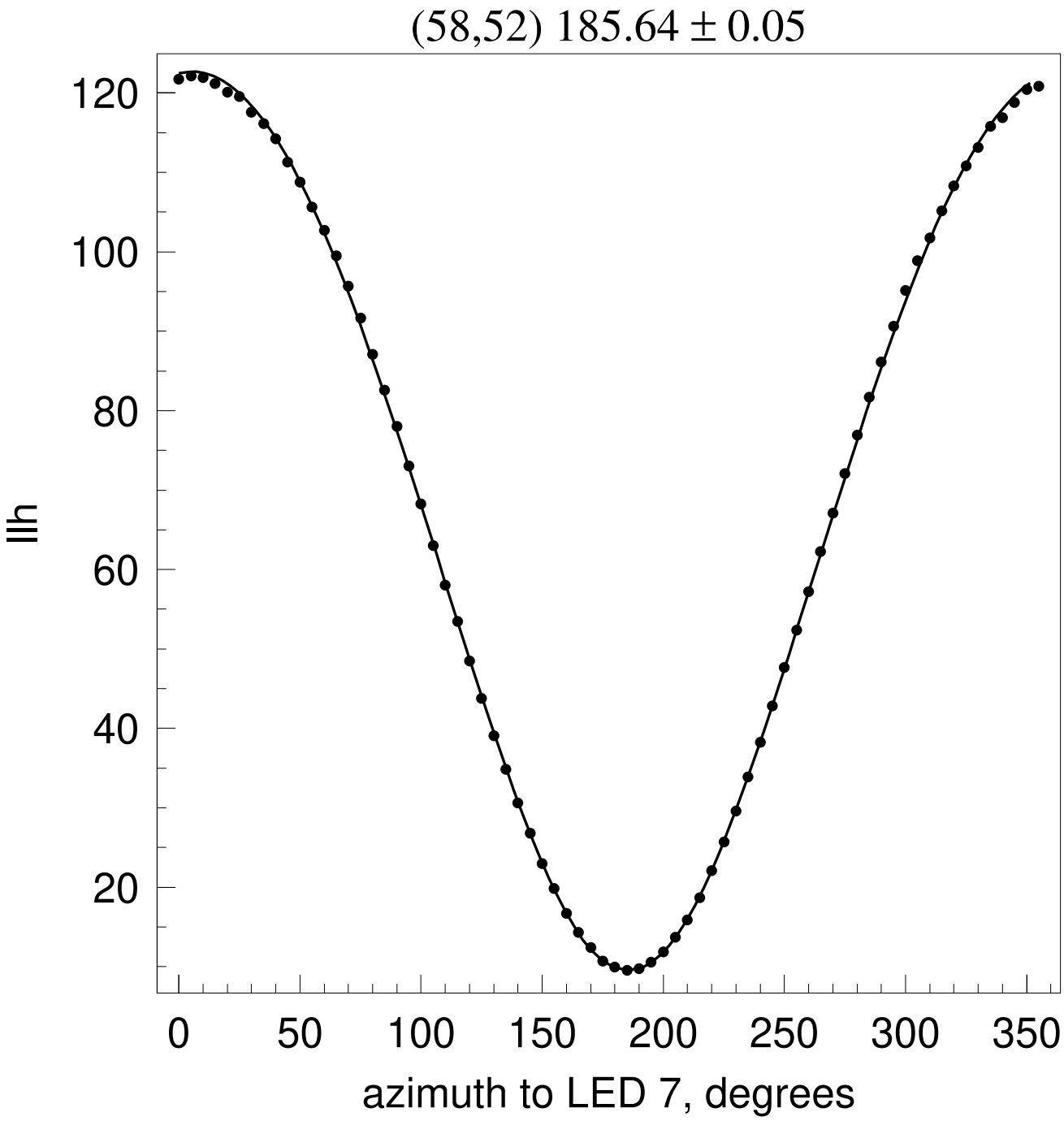

(58,47) 88.97 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

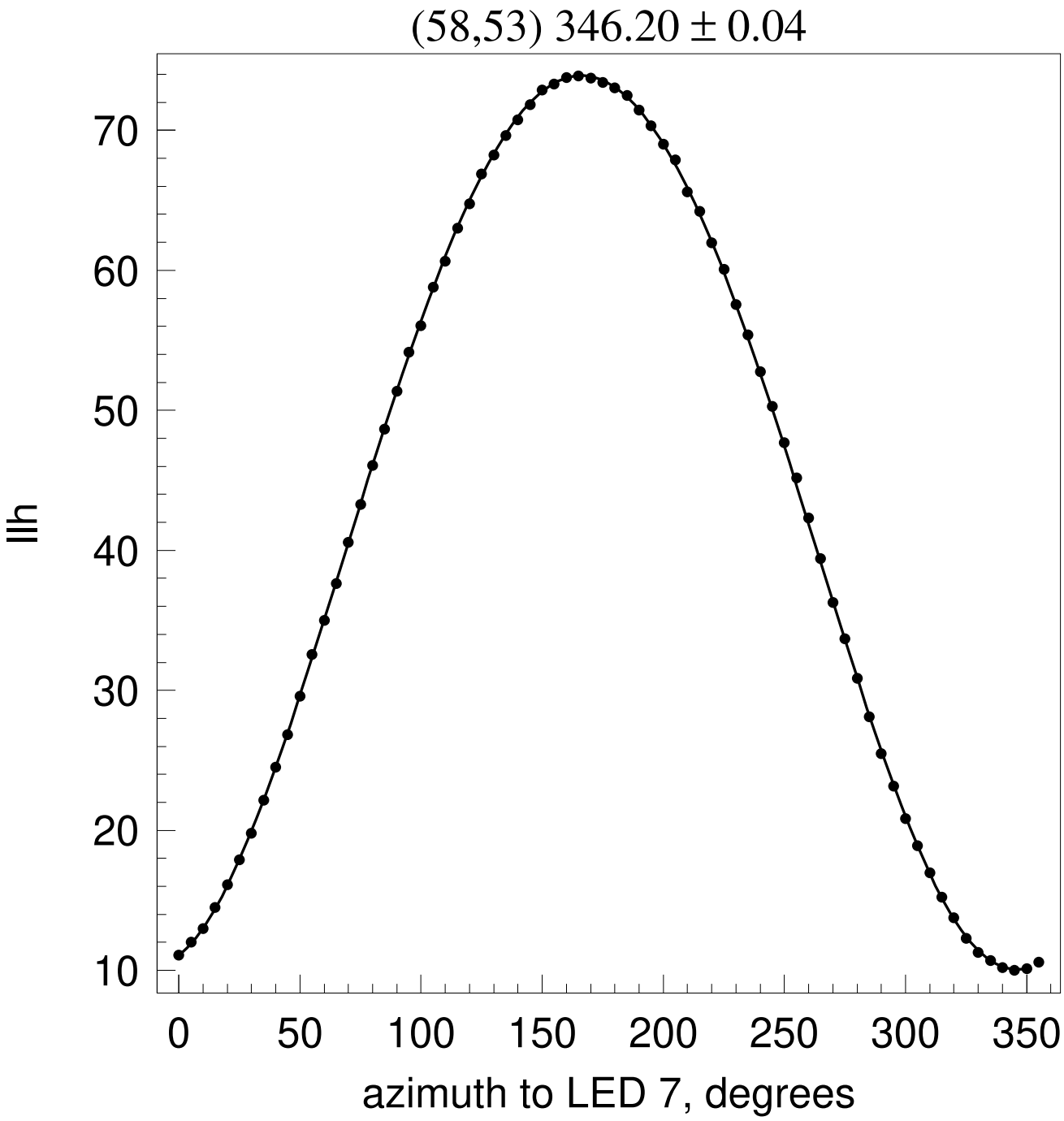

(58,48) 93.16 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

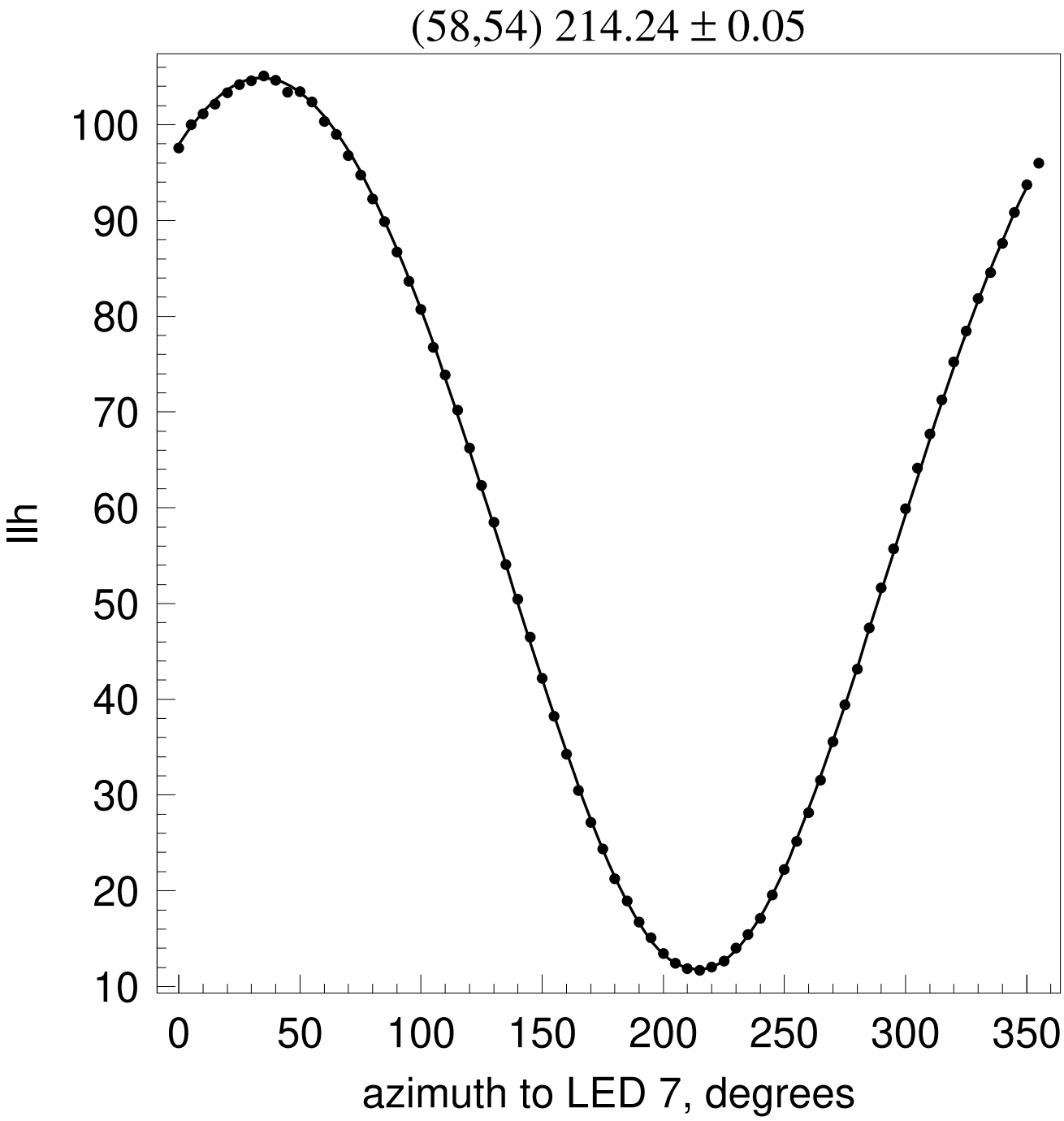

(58,49) 56.37 ± 0.16
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

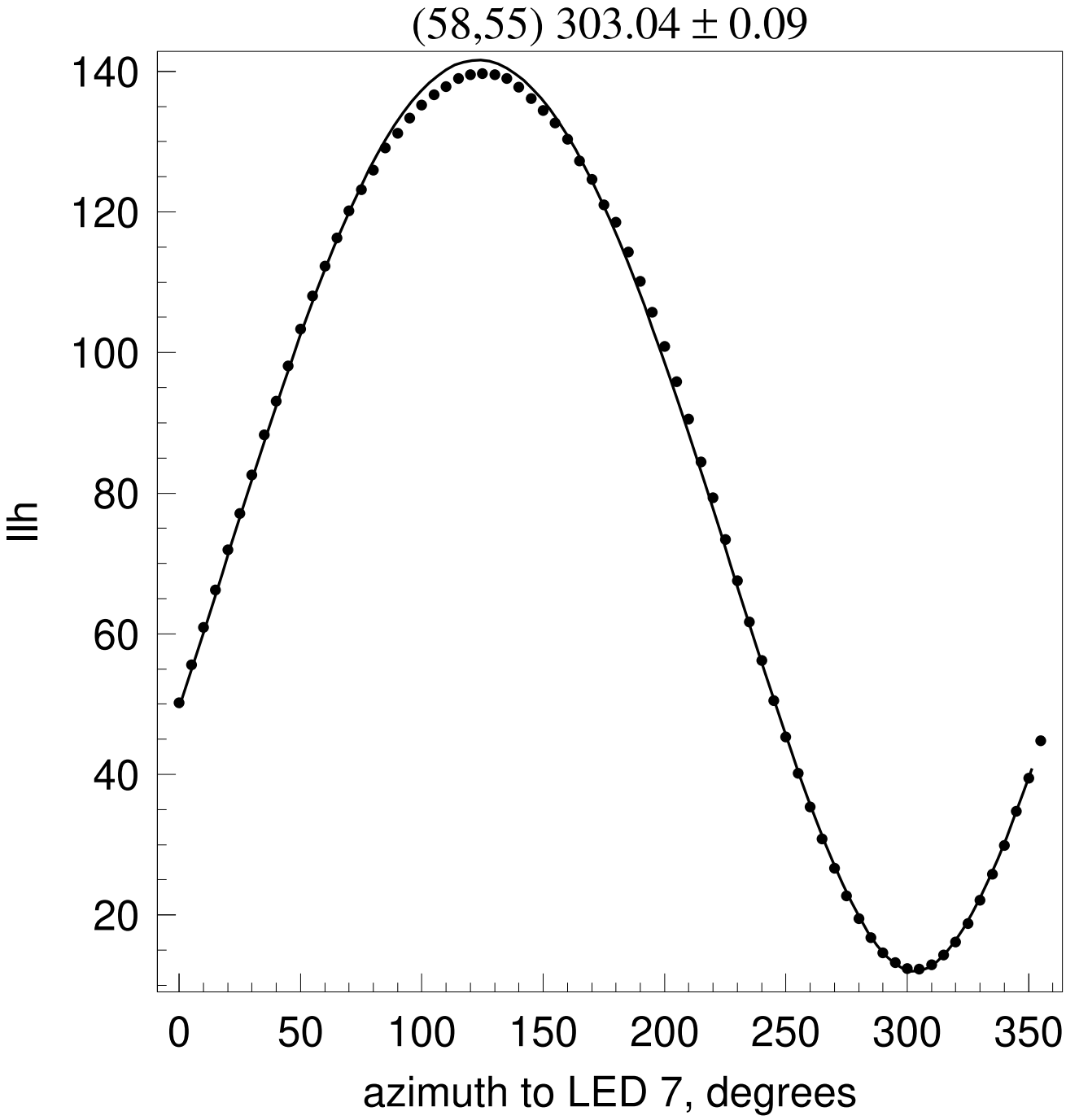

(58,50) 89.19 ± 0.15
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

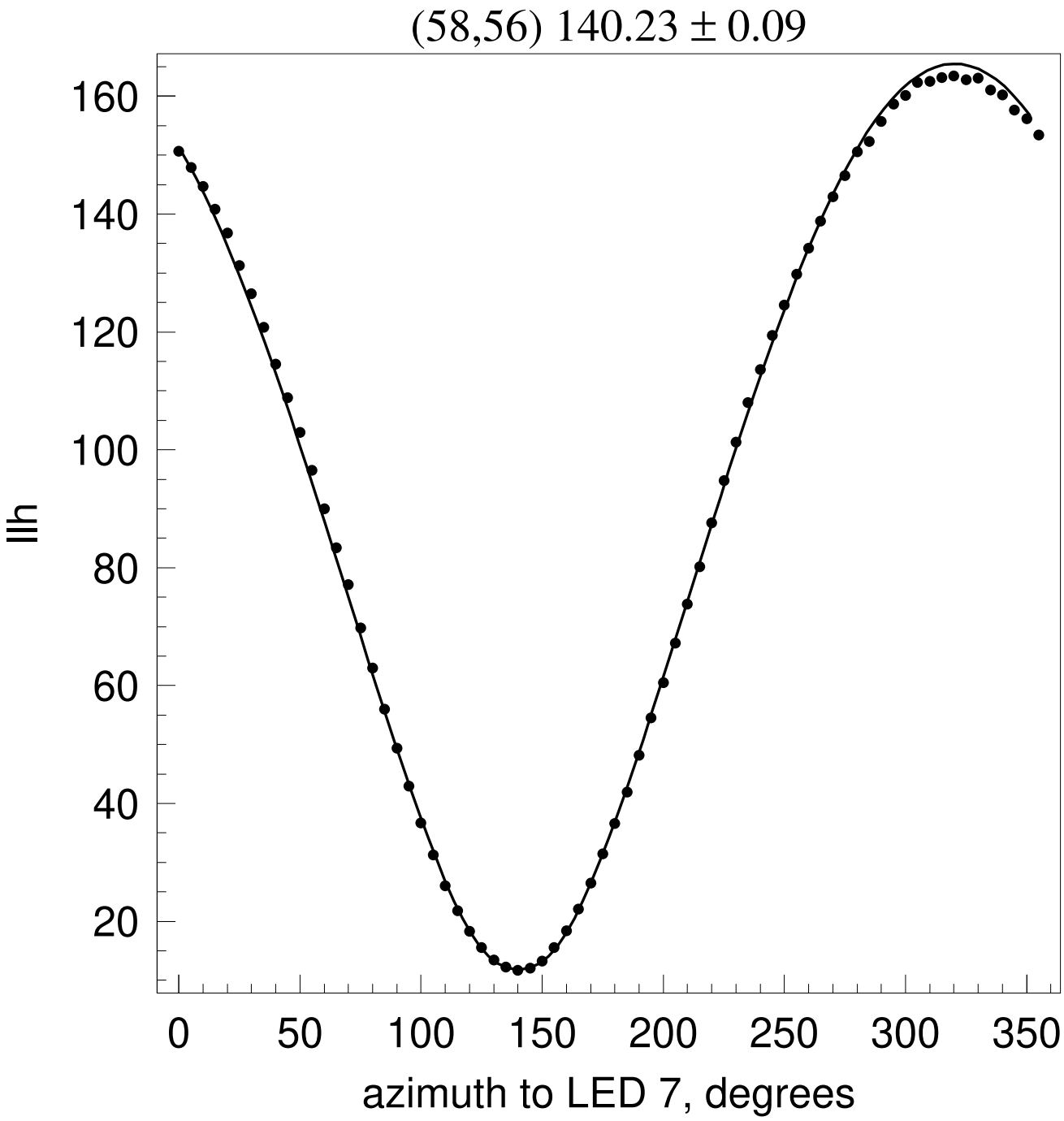

(58,51) 76.88 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

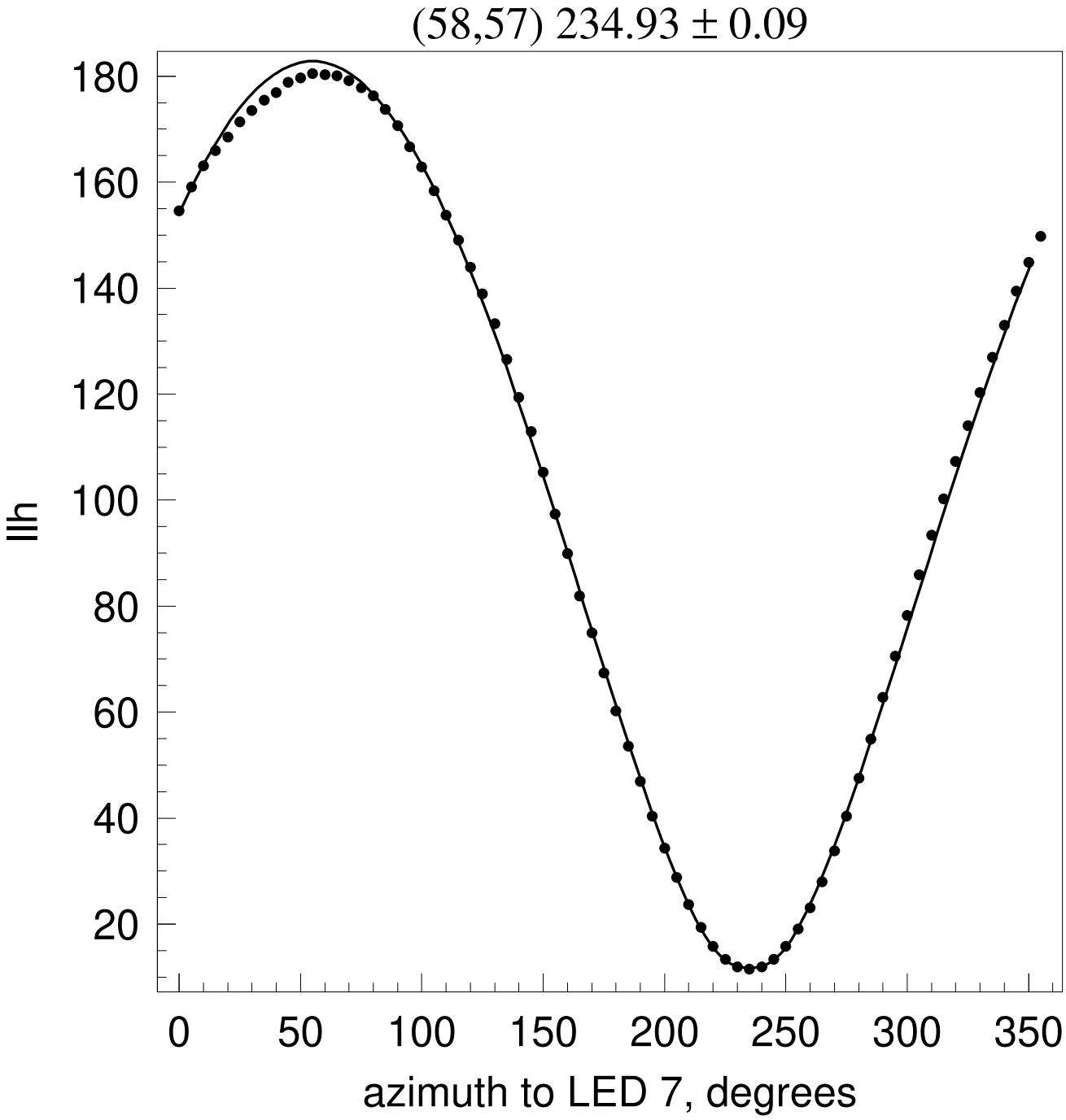

(58,52) 185.64 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

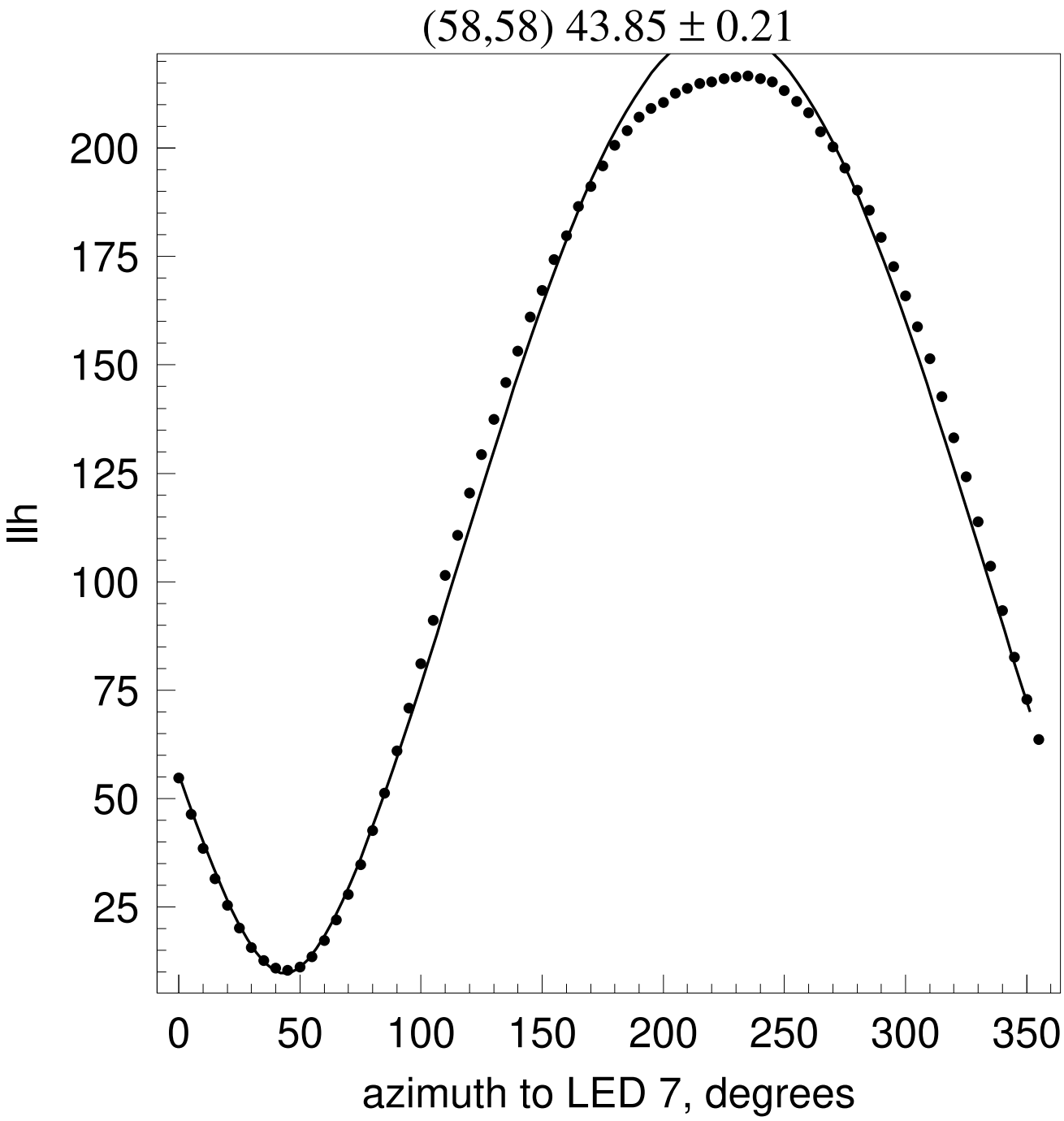

(58,53) 346.20 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

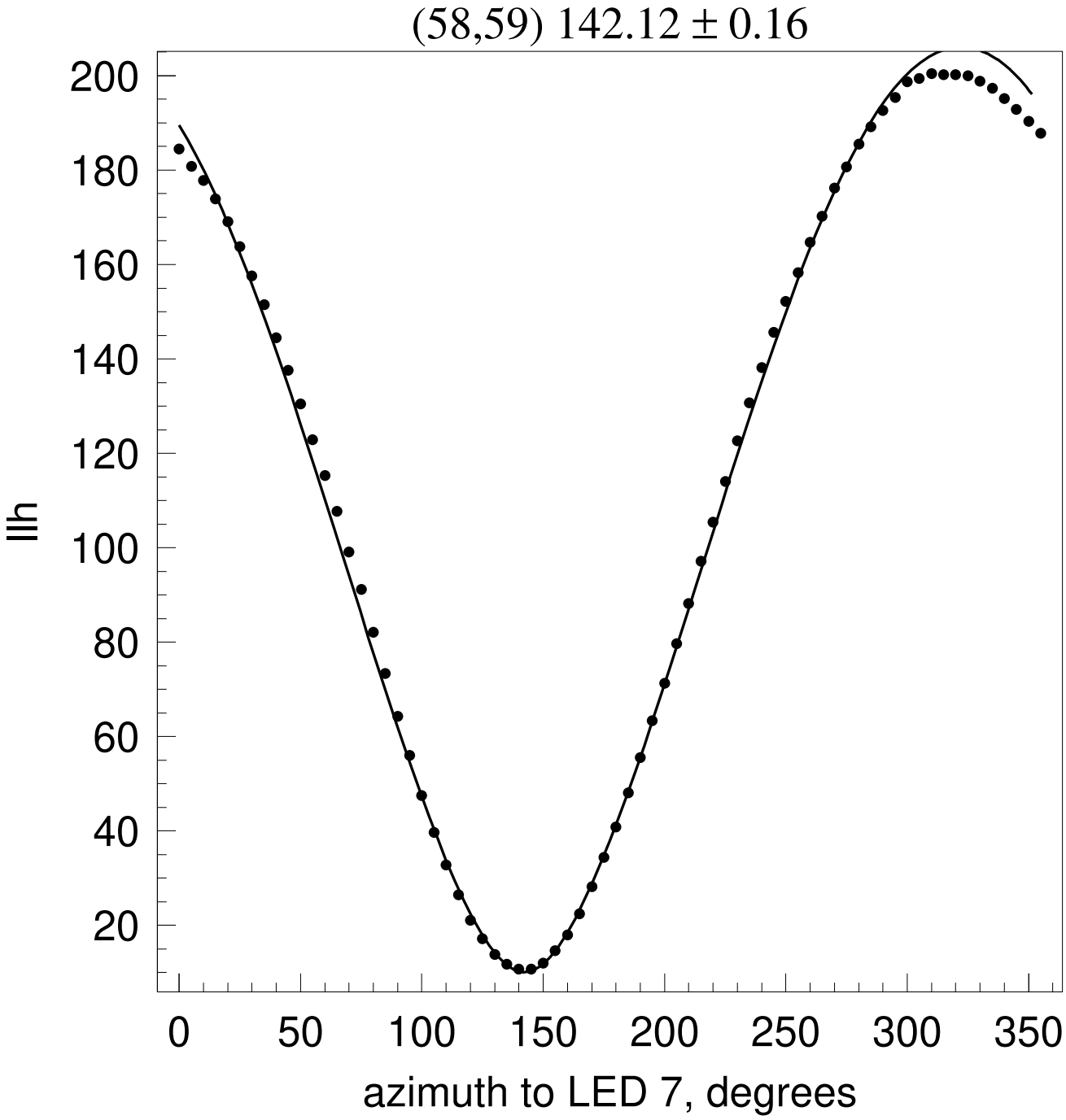

(58,54) 214.24 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

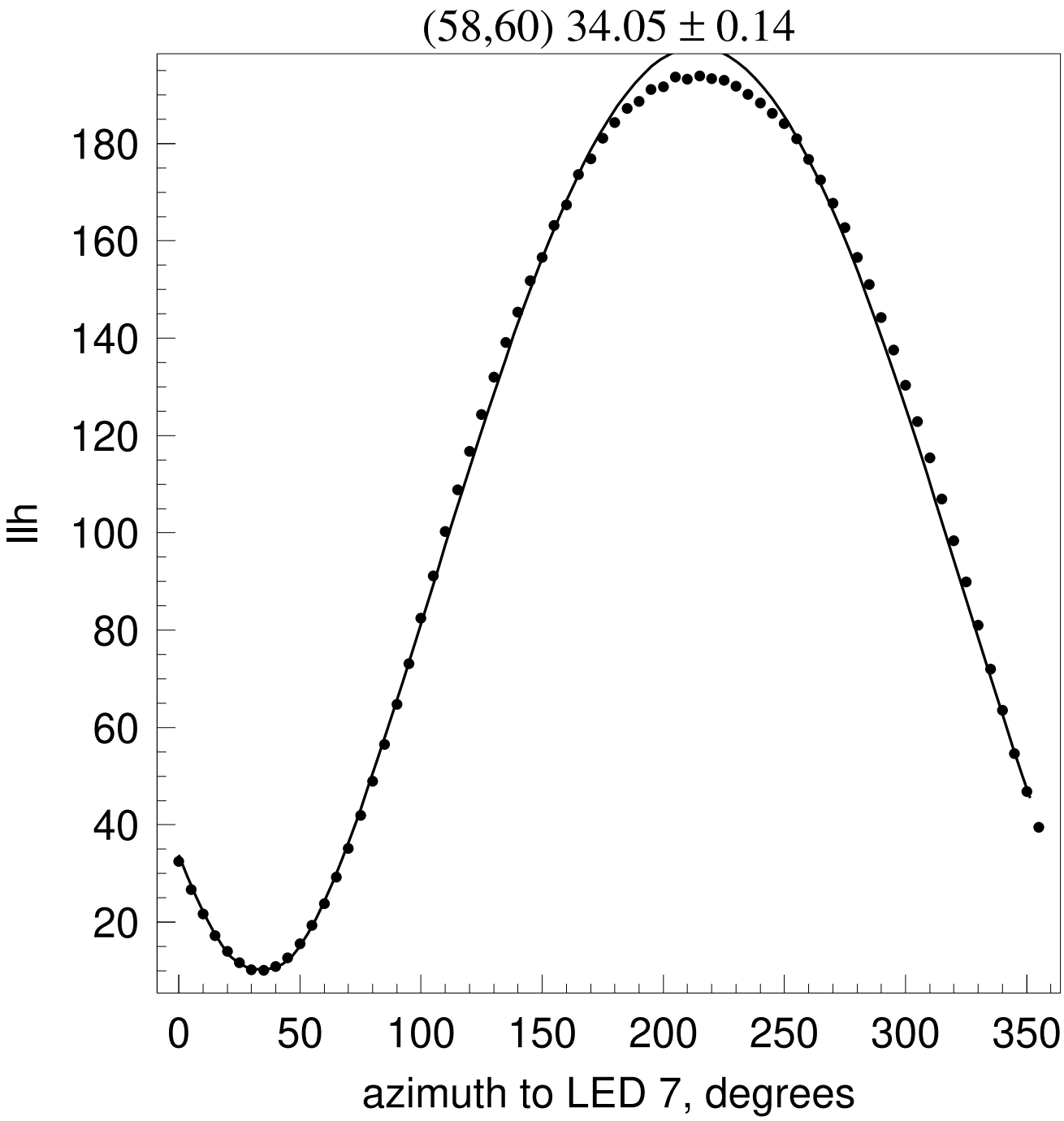

(58,55) 303.04 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

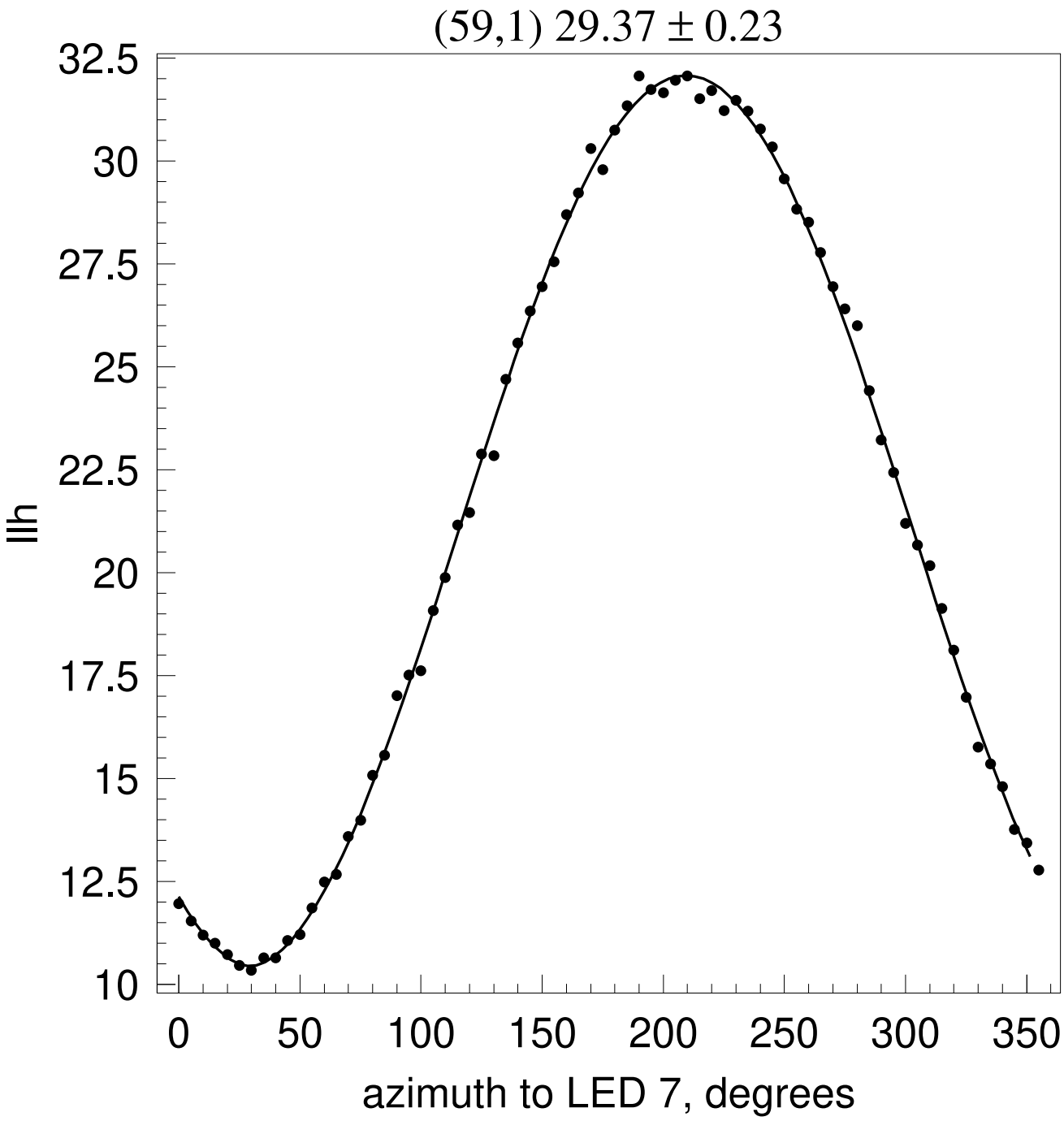

(58,56) 140.23 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

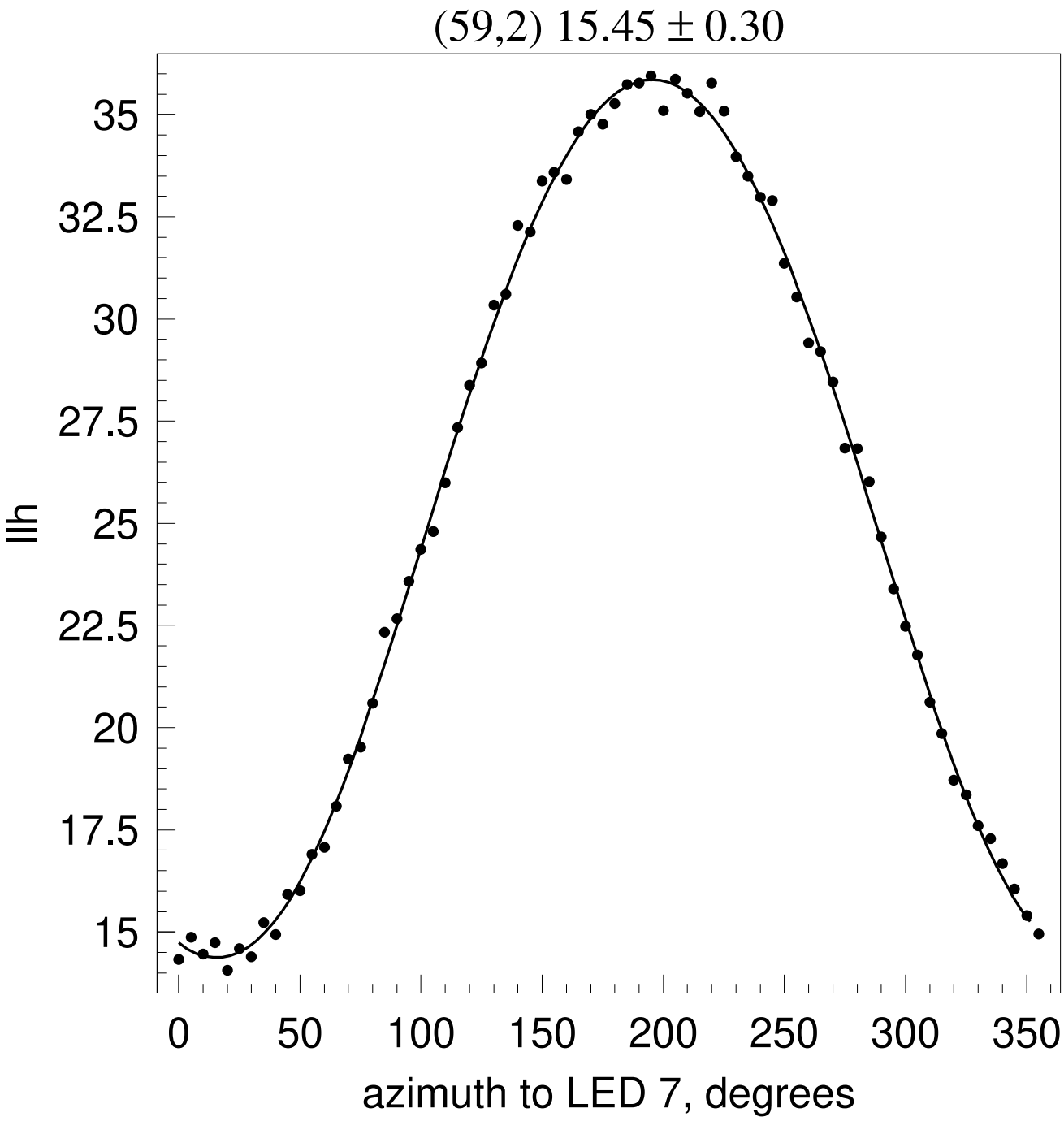

(58,57) 234.93 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

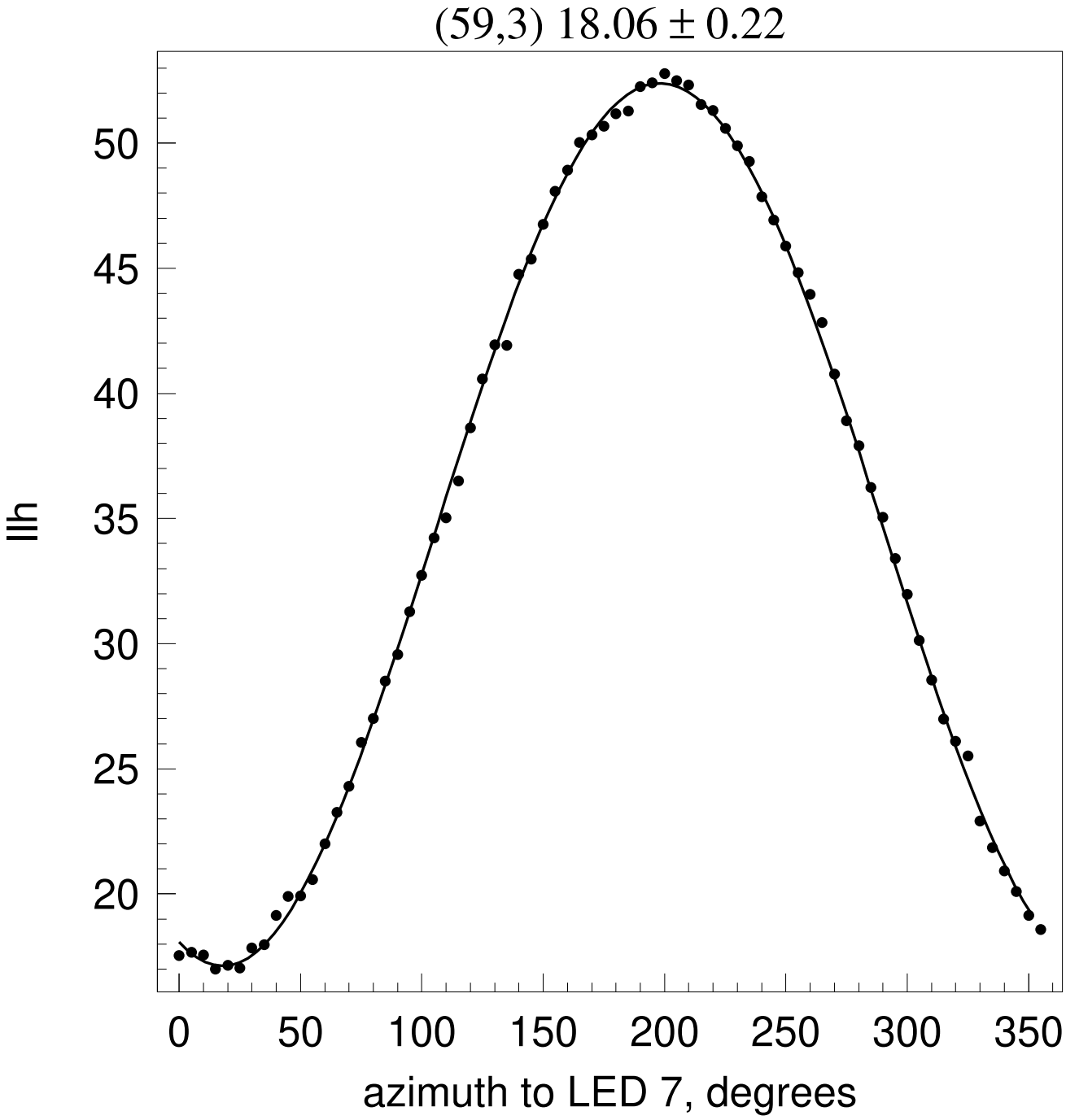

(58,58) 43.85 ± 0.21
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

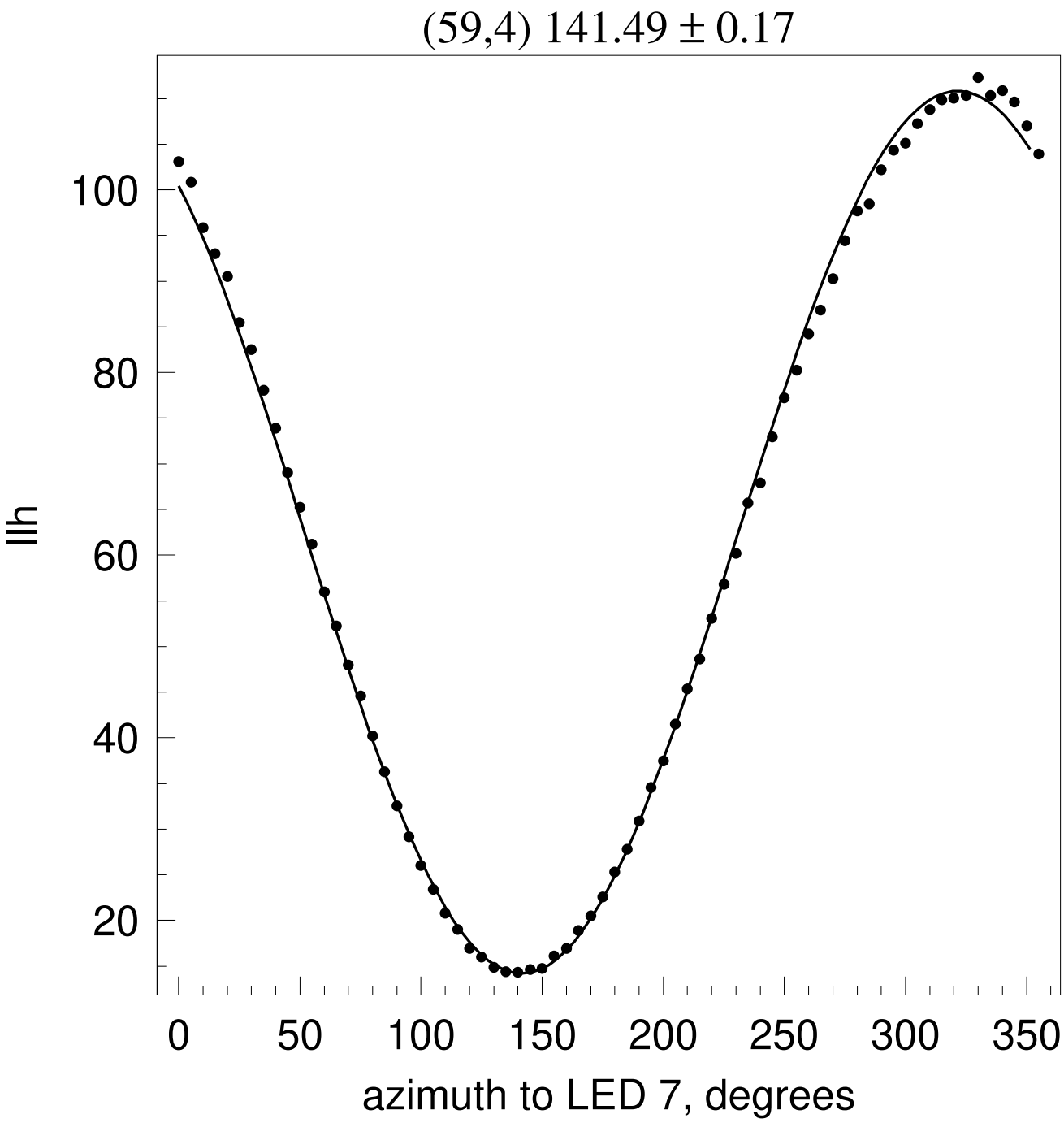

(58,59) 142.12 ± 0.16
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

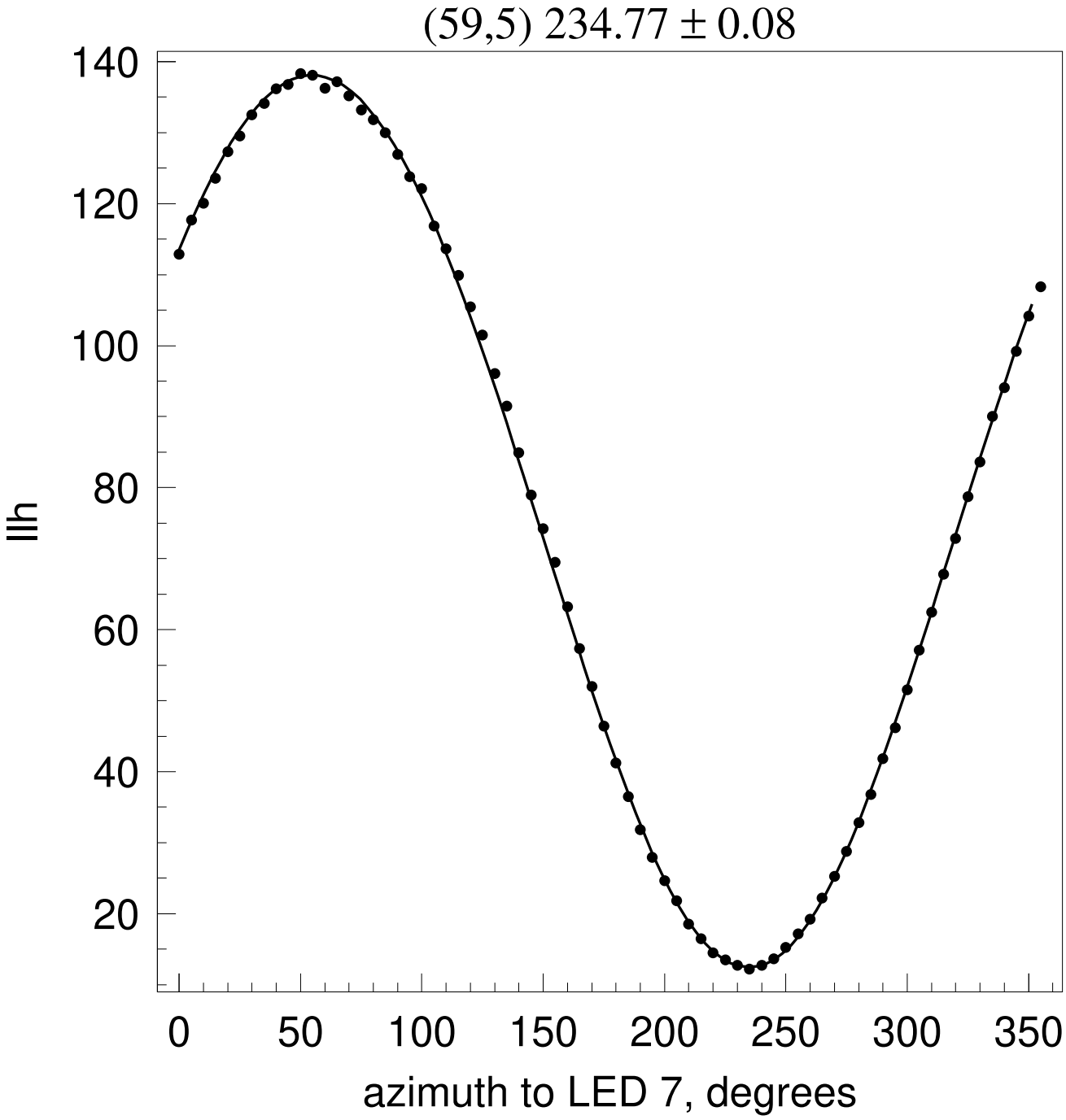

(58,60) 34.05 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

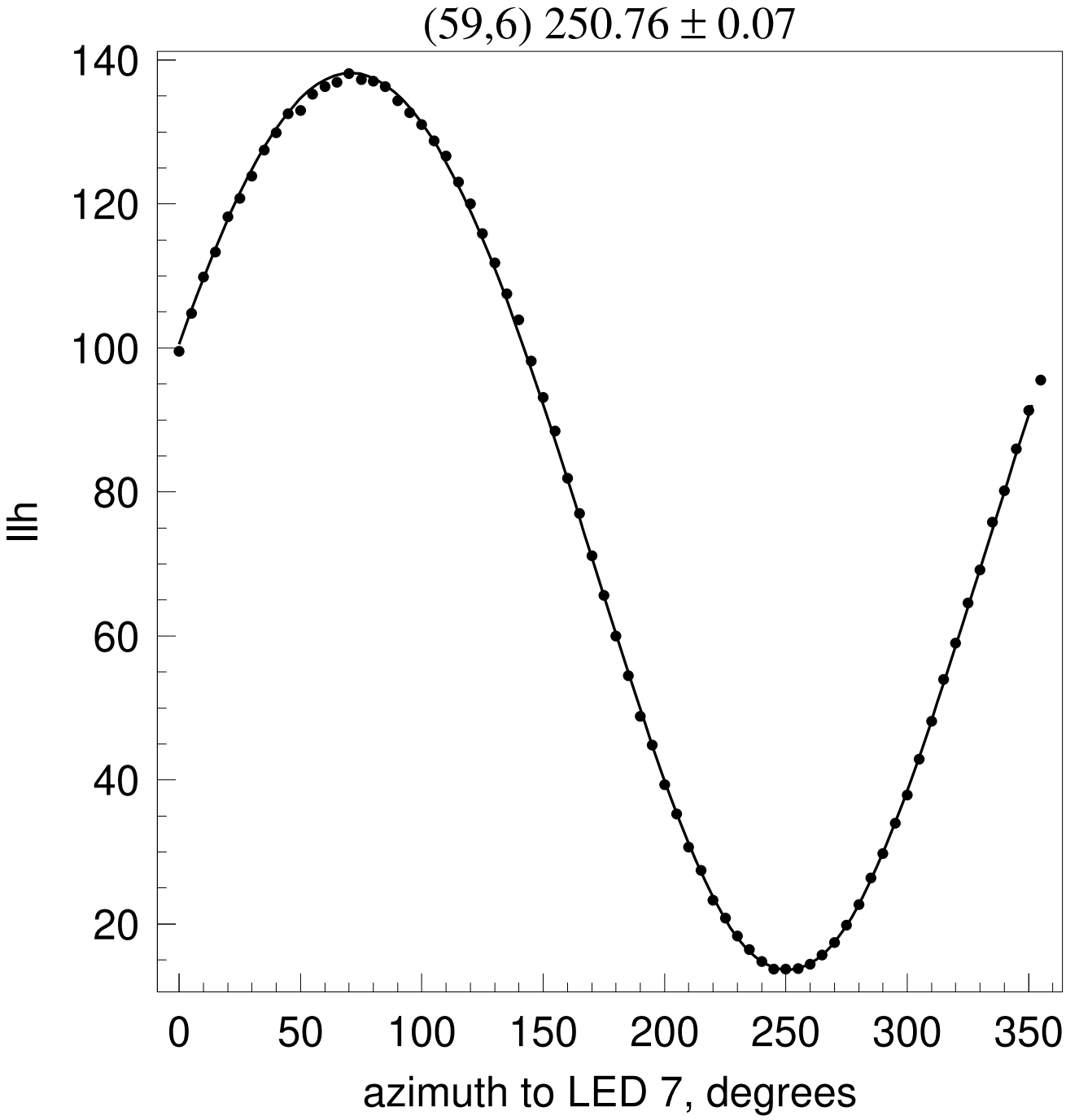

(59,1) 29.37 ± 0.23
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

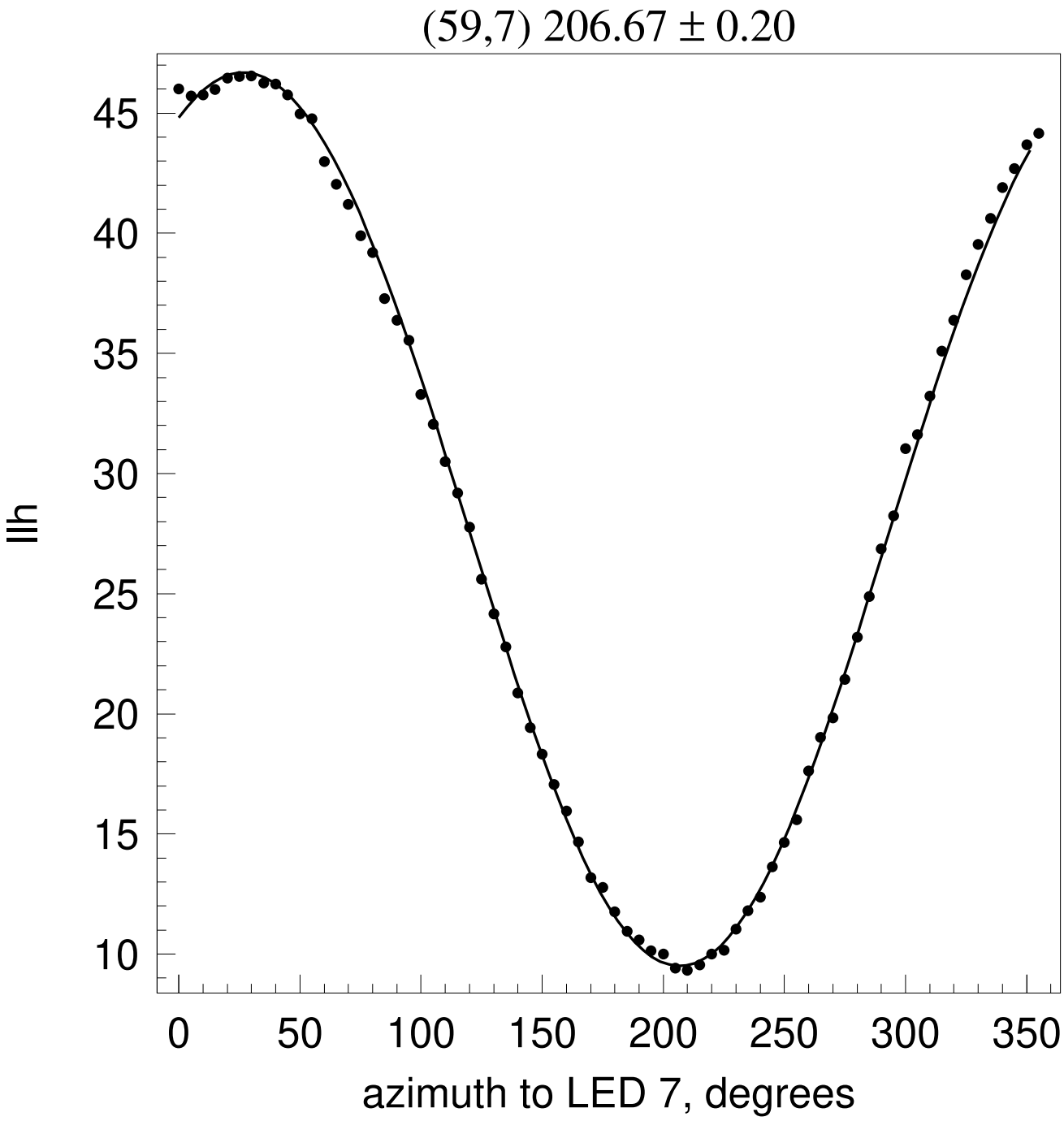

(59,2) 15.45 ± 0.30
35
32.5
30
27.5
25
22.5
20
17.5
15
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

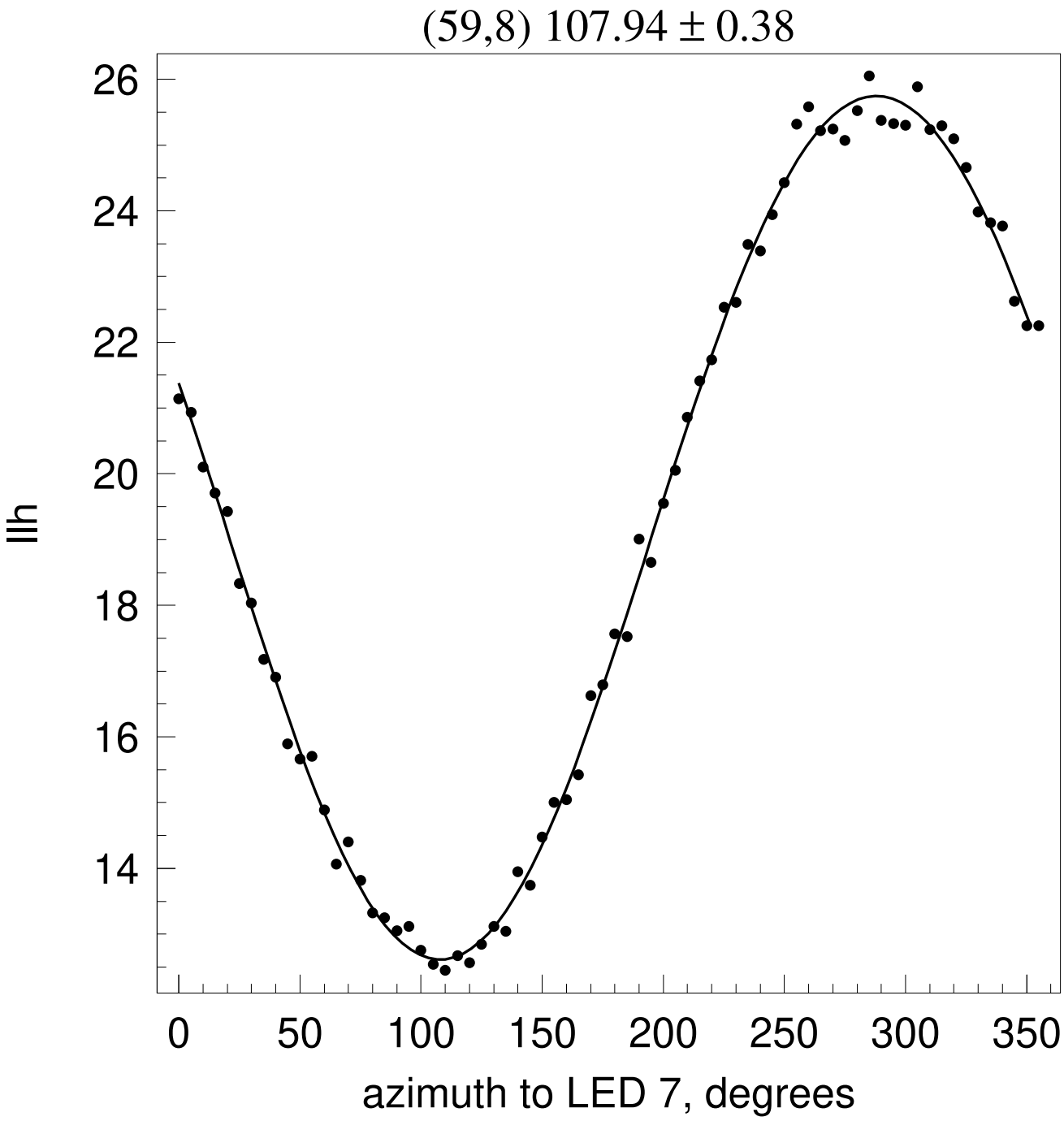

(59,3) 18.06 ± 0.22
50
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

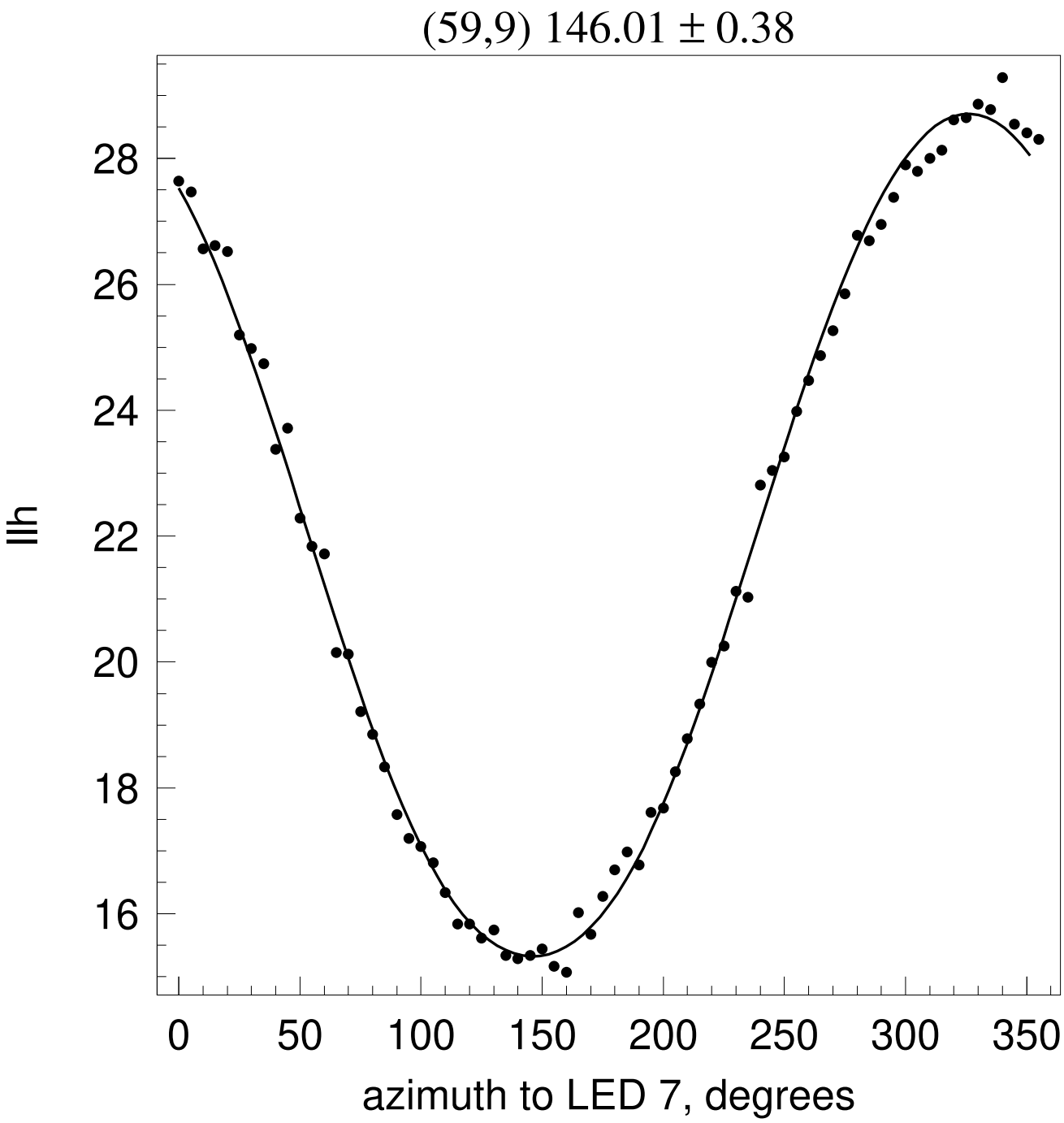

(59,4) 141.49 ± 0.17
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

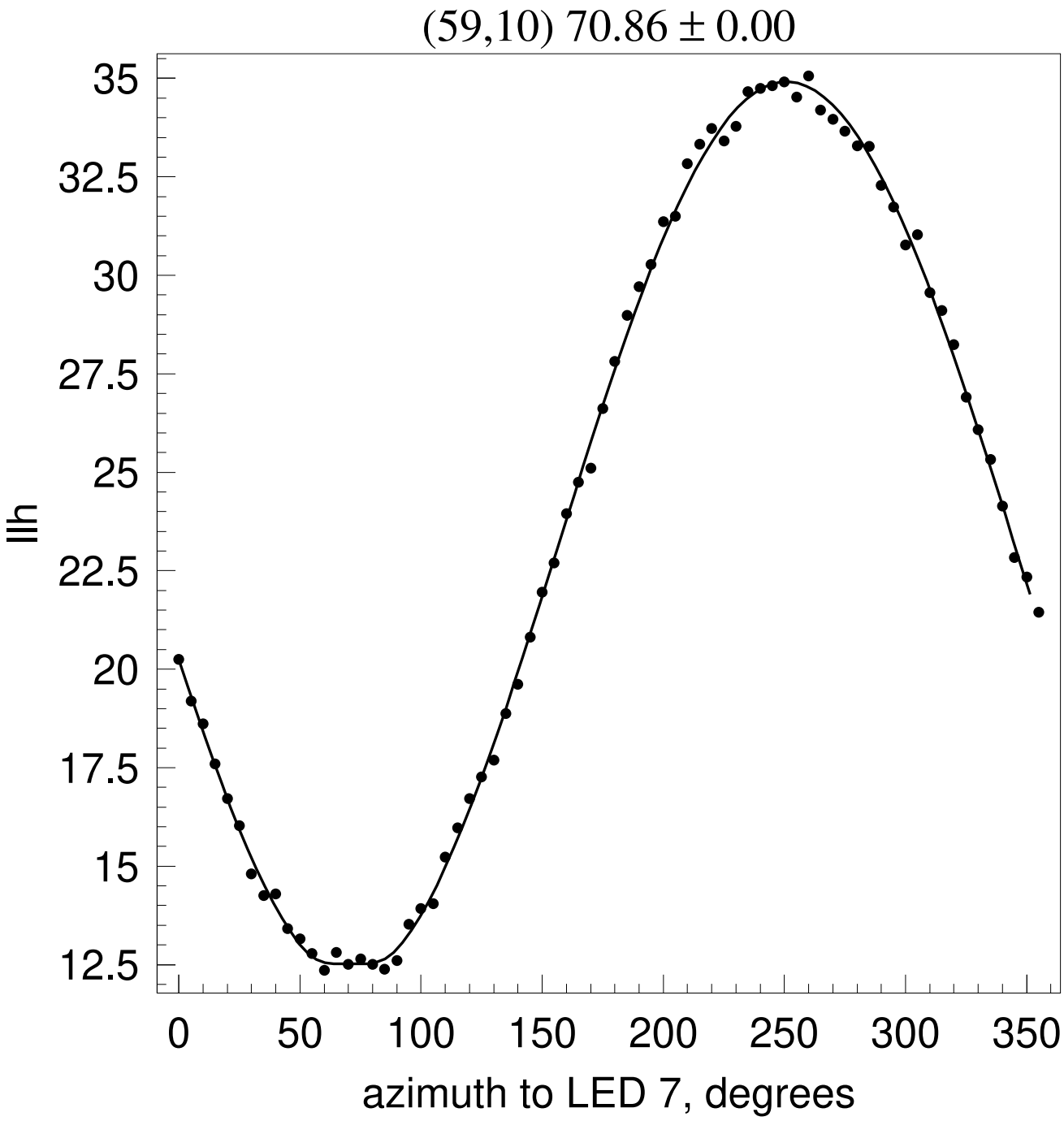

(59,5) 234.77 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

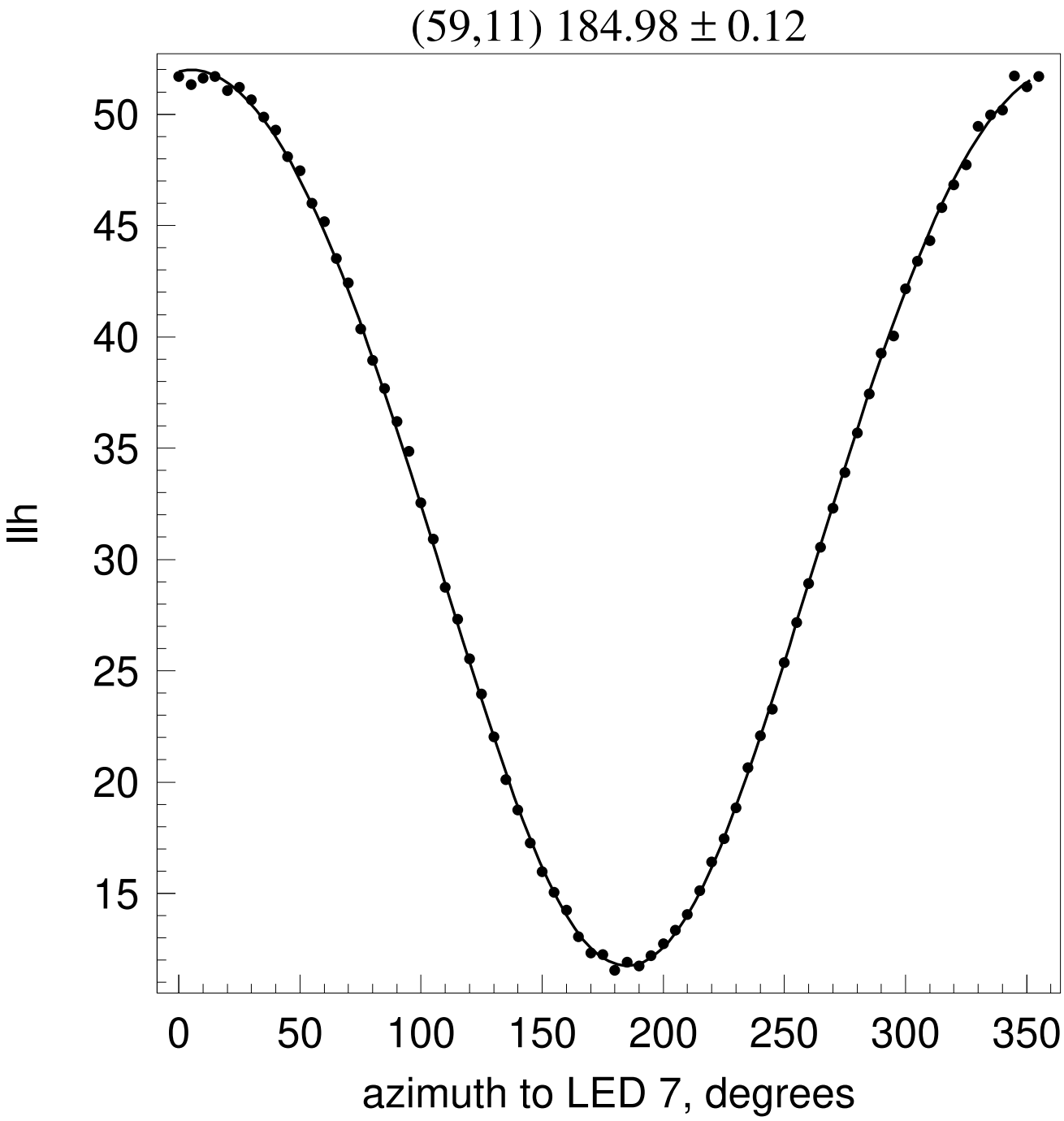

(59,6) 250.76 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

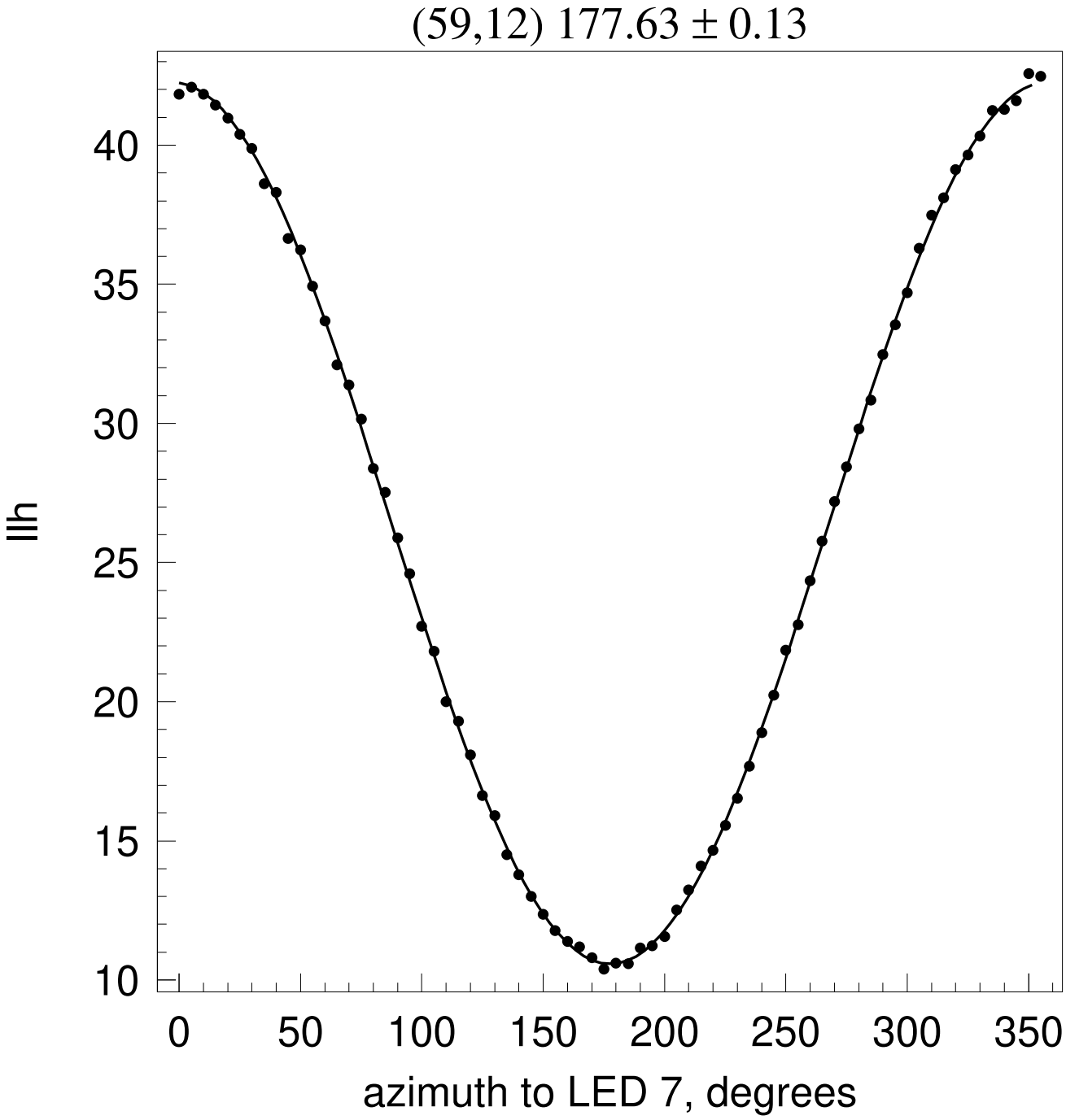

(59,7) 206.67 ± 0.20
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

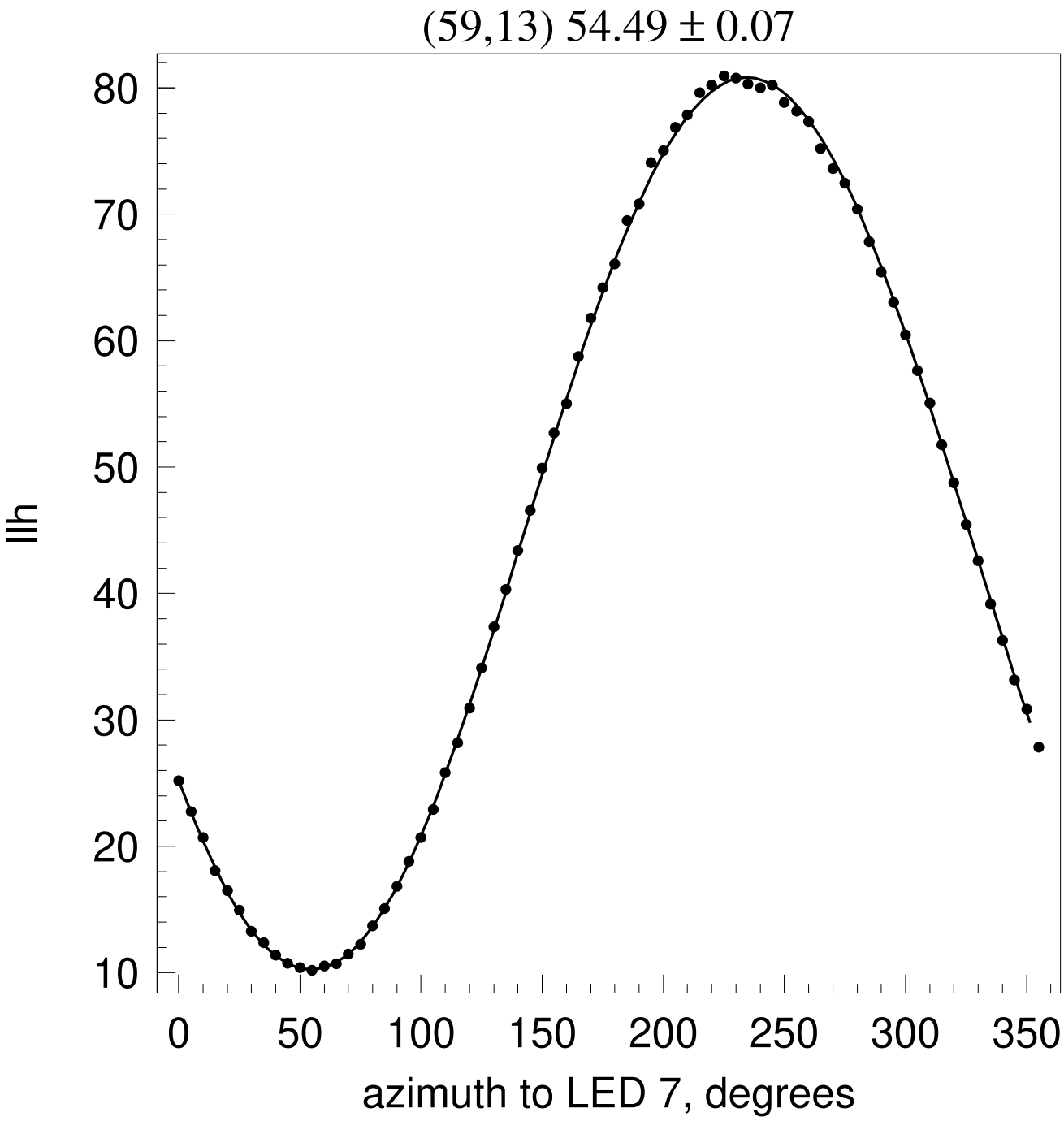

(59,8) 107.94 ± 0.38
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

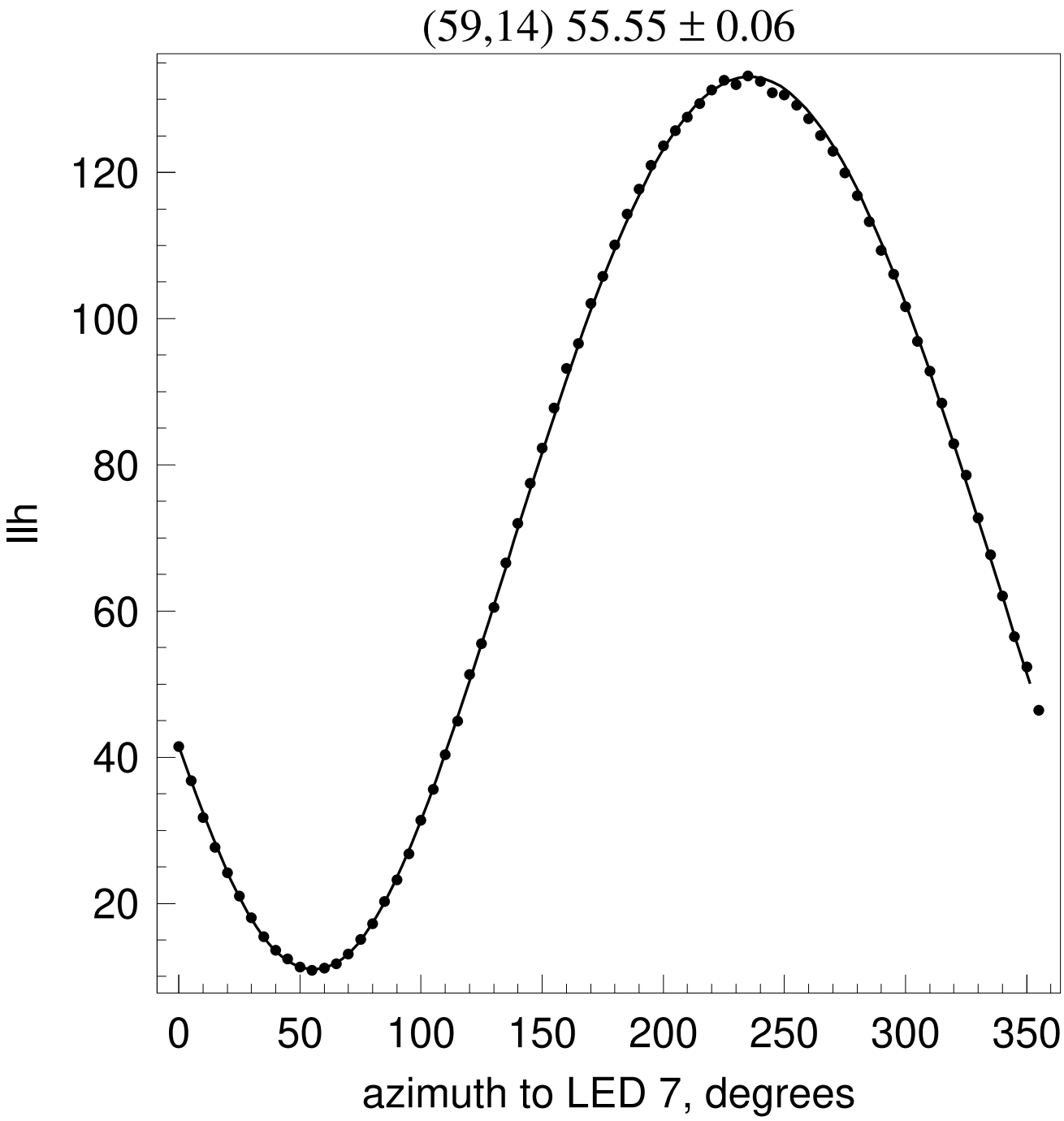

(59,9) 146.01 ± 0.38
28
26
24
22
20
18
16
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

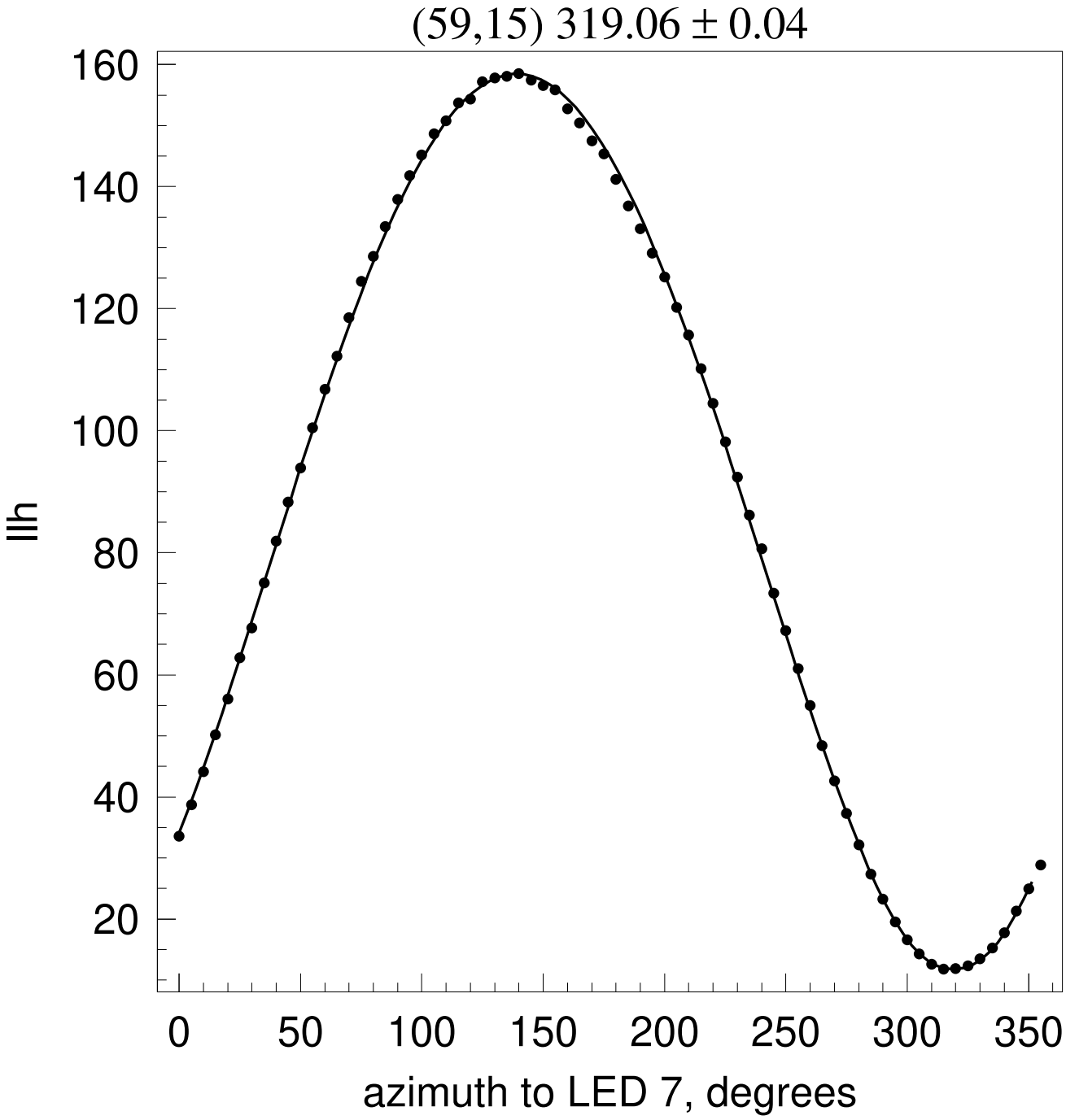

(59,10) 70.86 ± 0.00
35
32.5
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

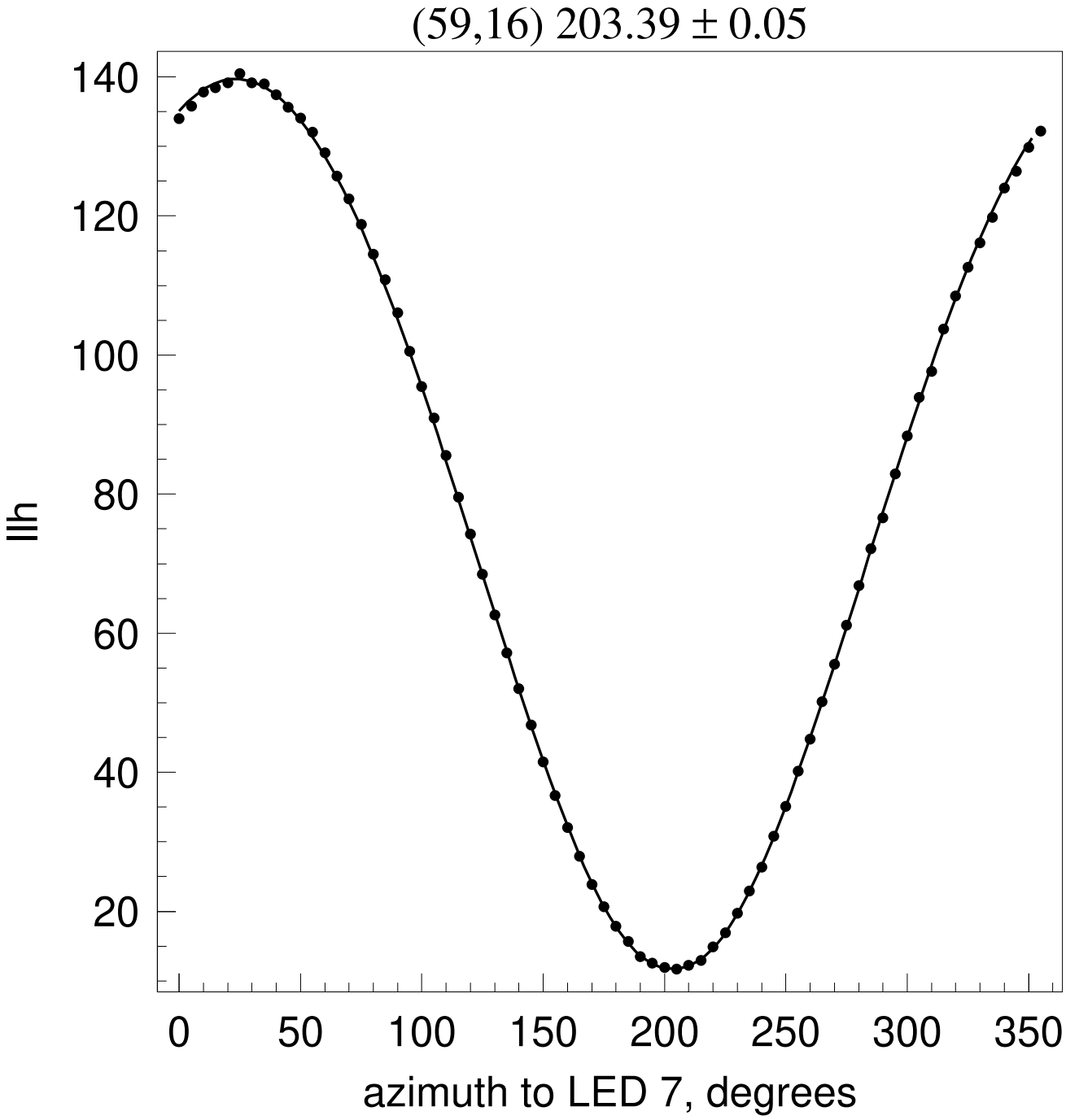

(59,11) 184.98 ± 0.12
50
45
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

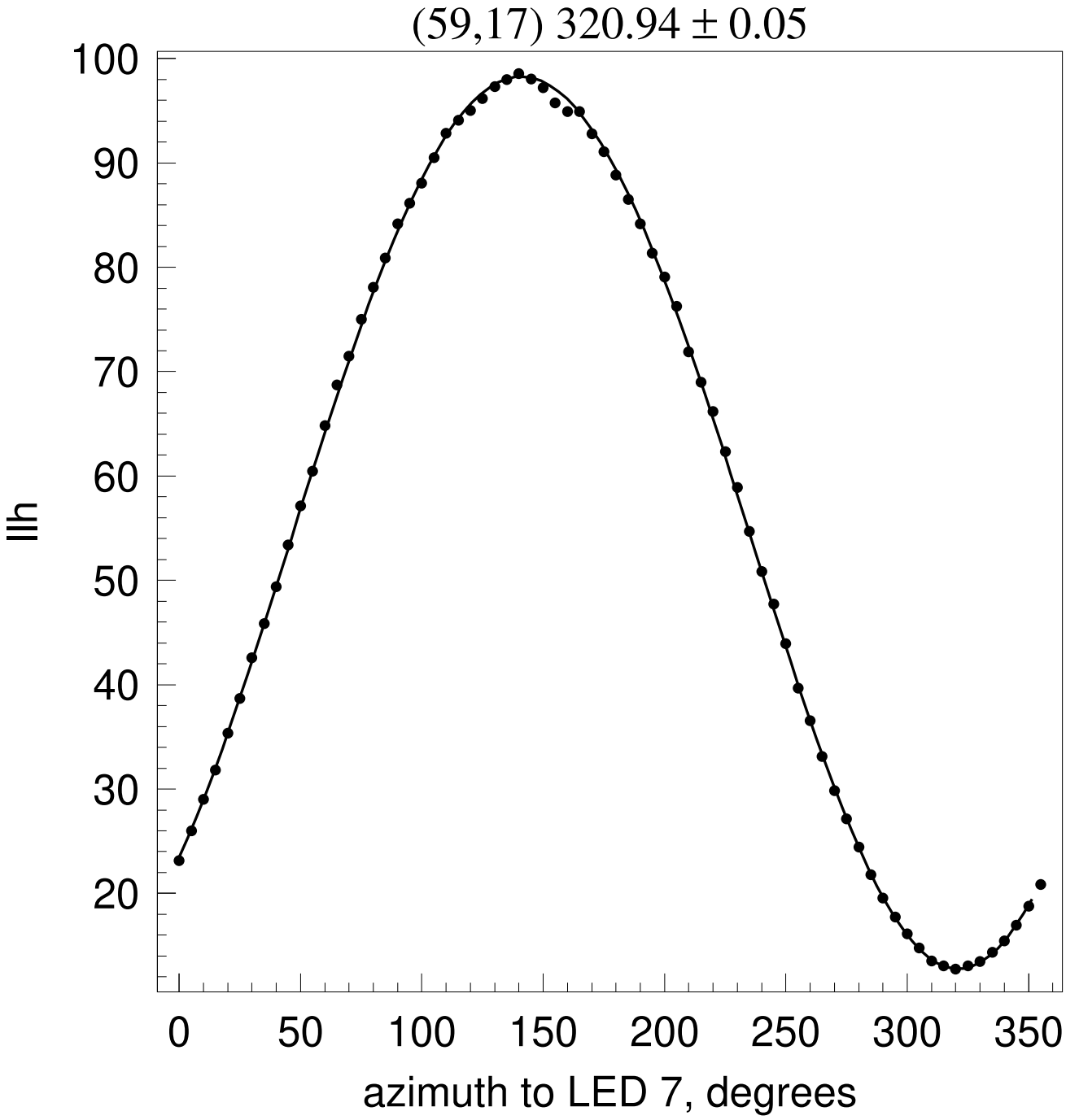

(59,12) 177.63 ± 0.13
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

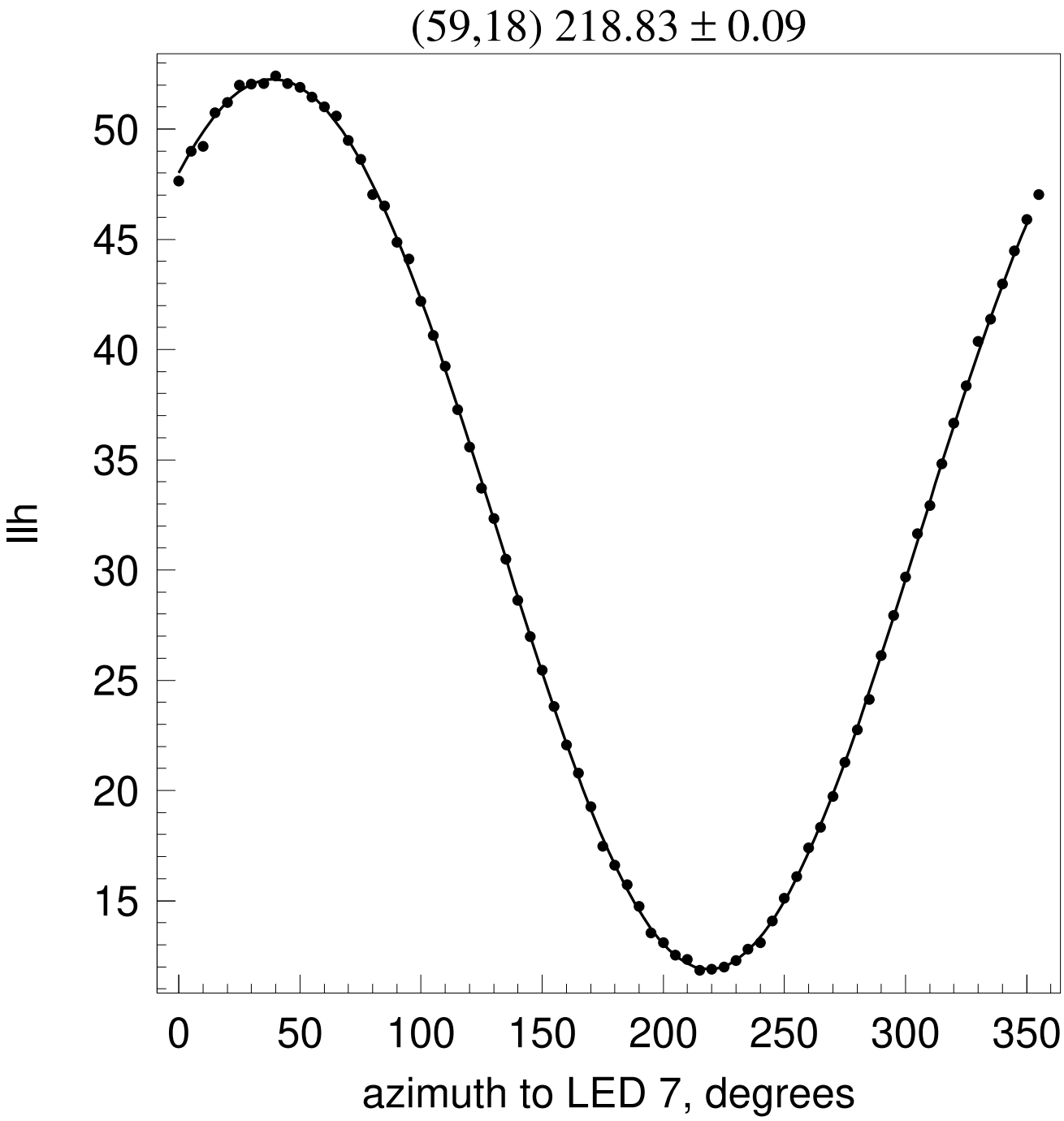

(59,13) 54.49 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

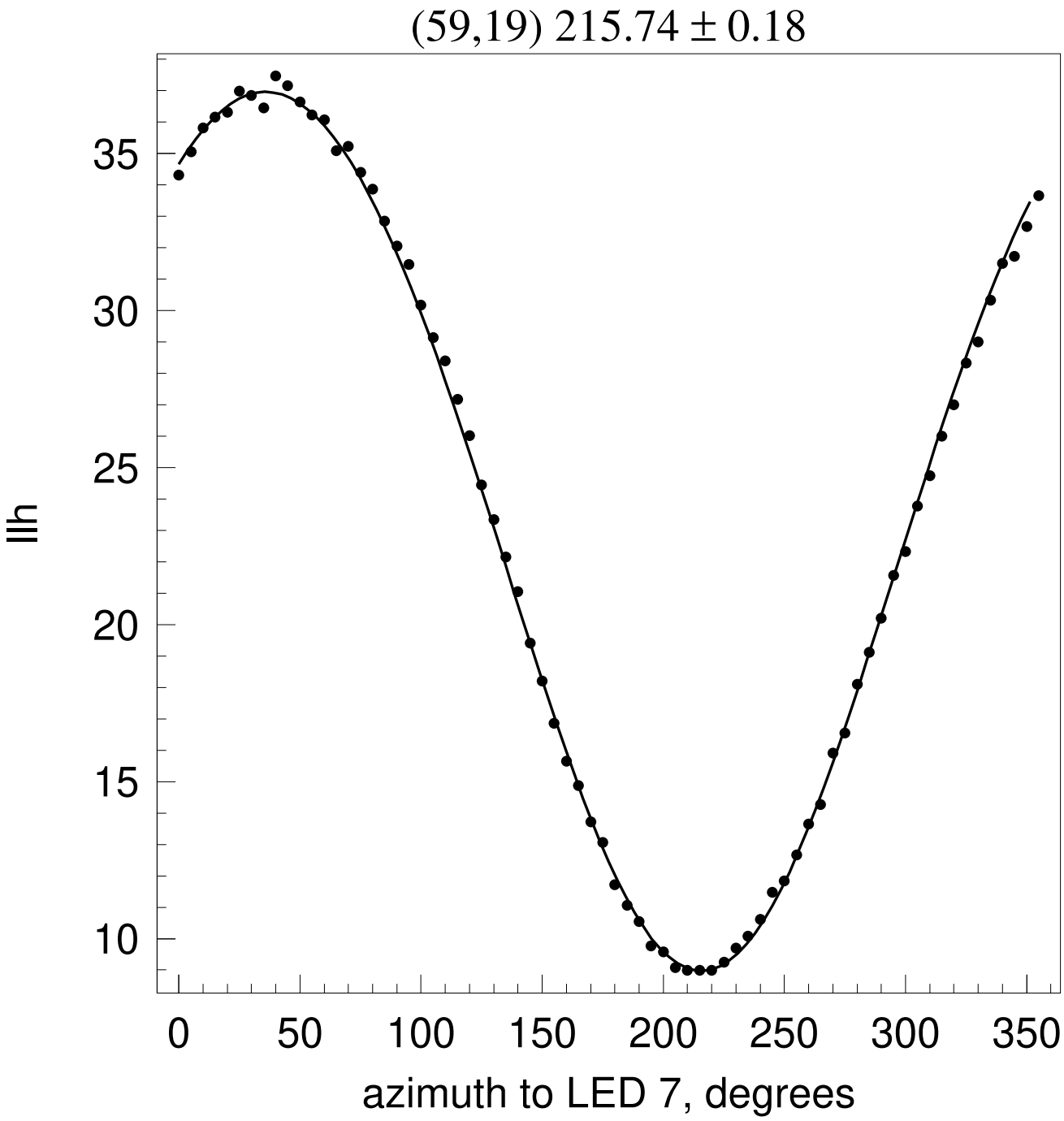

(59,14) 55.55 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

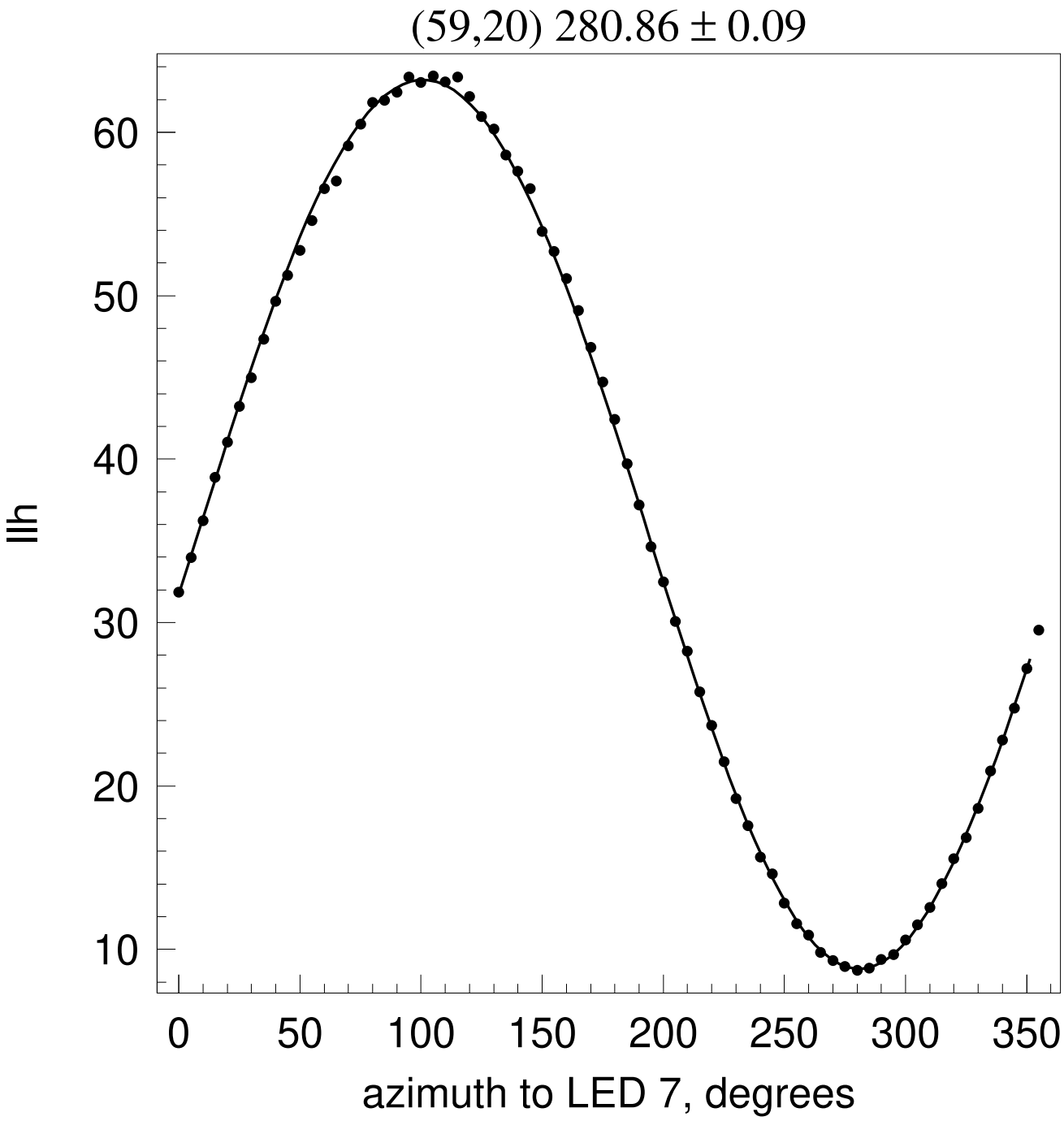

(59,15) 319.06 ± 0.04
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

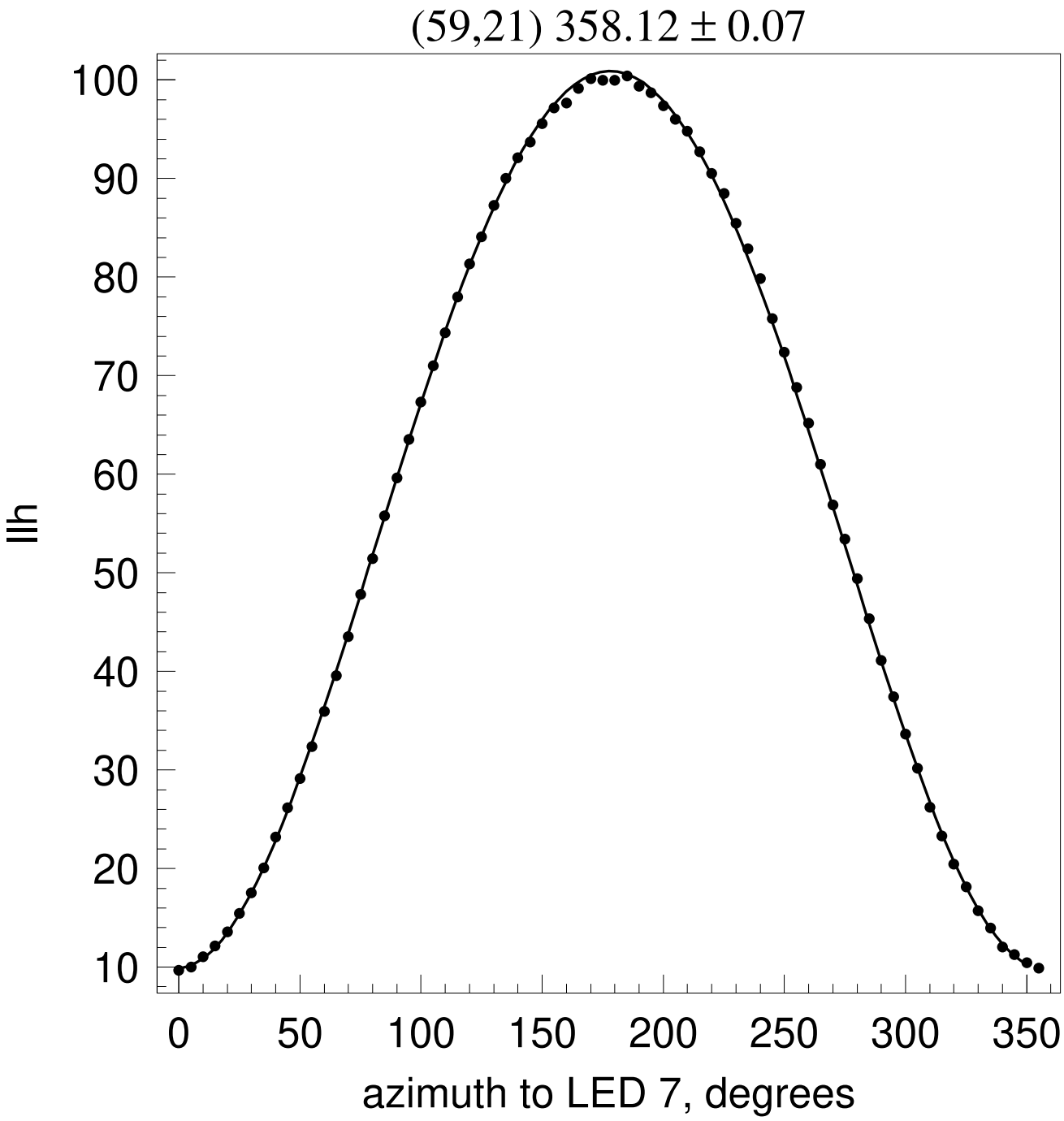

(59,16) 203.39 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

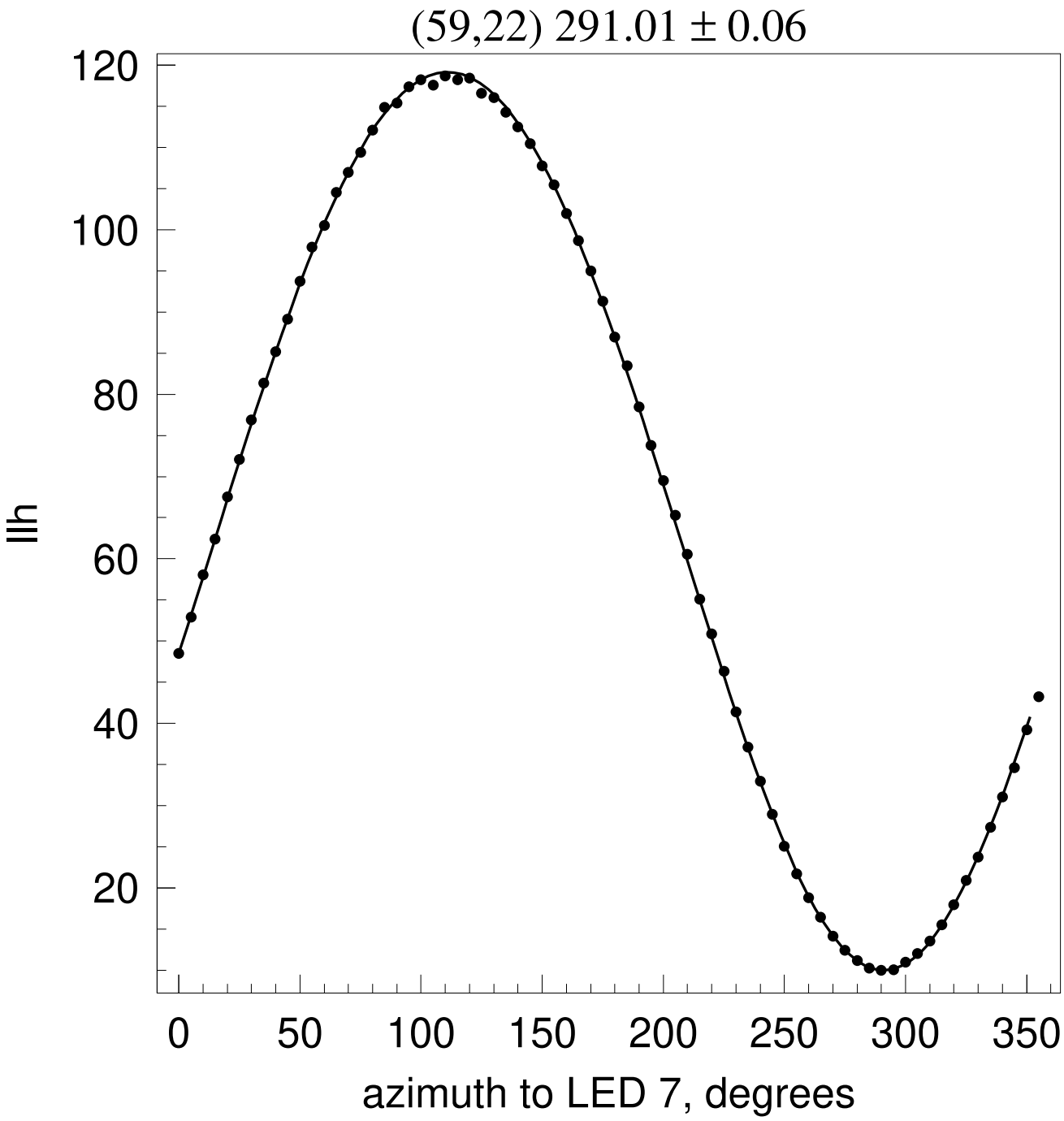

(59,17) 320.94 ± 0.05
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

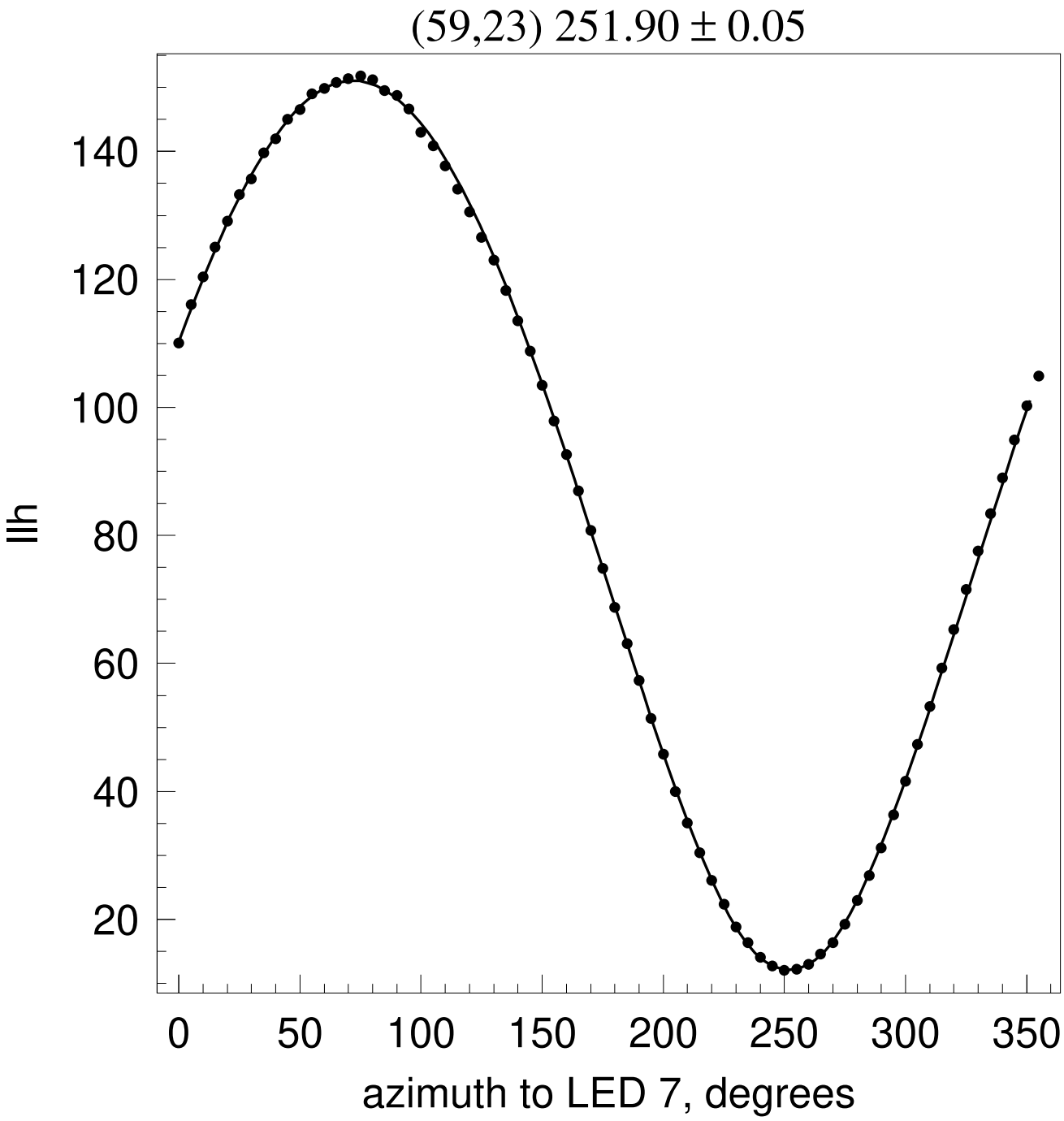

(59,18) 218.83 ± 0.09
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

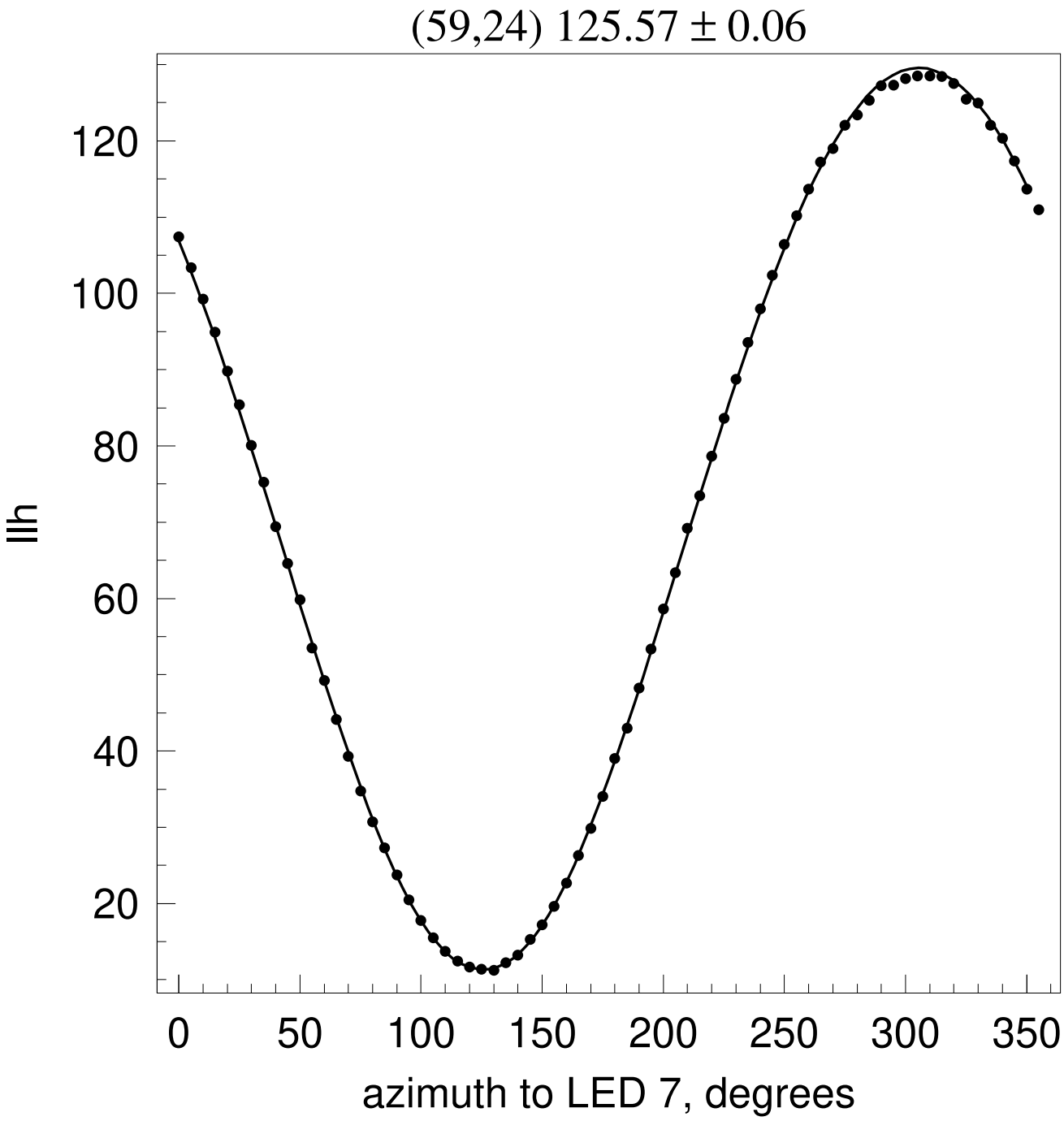

(59,19) 215.74 ± 0.18
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

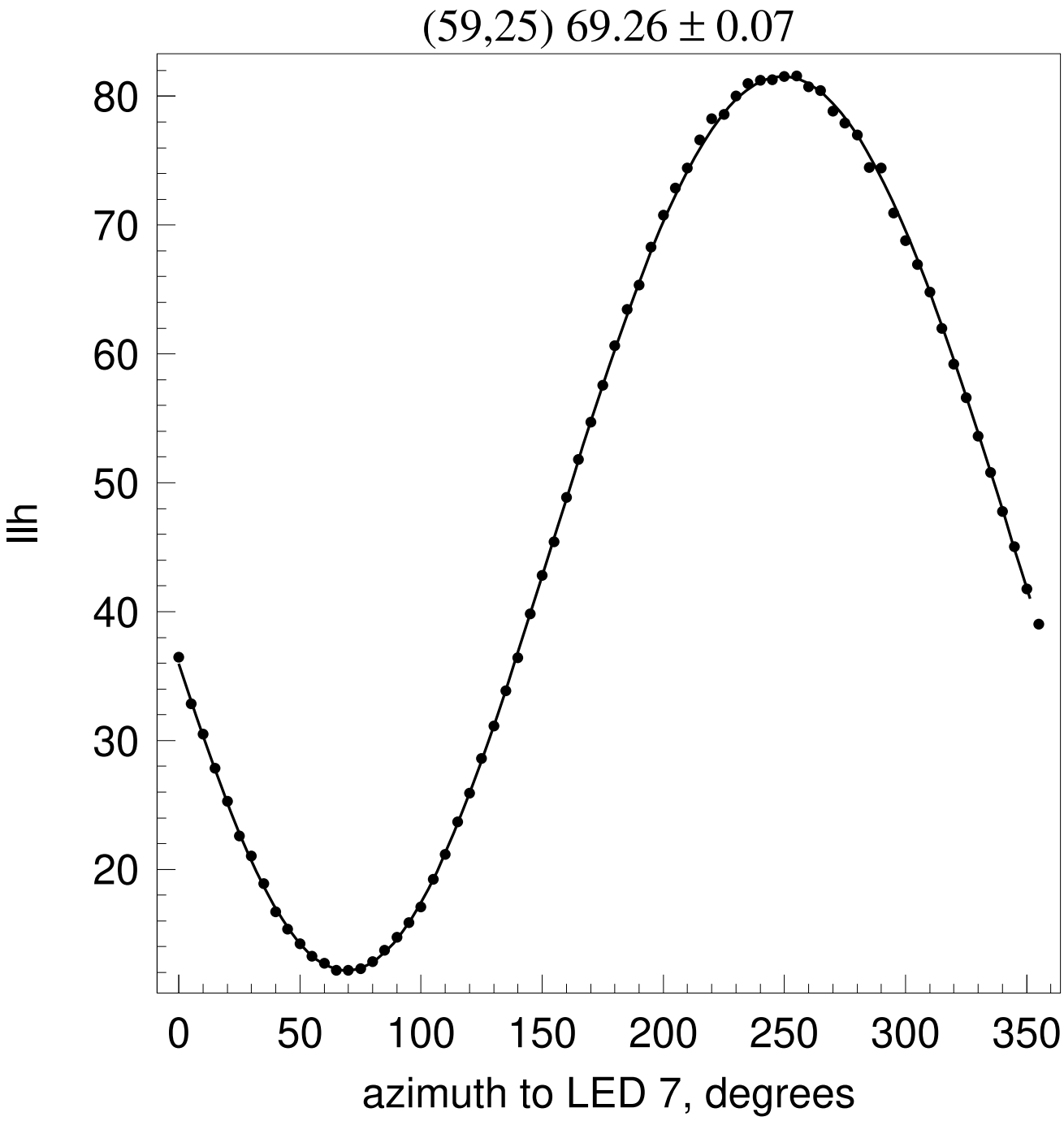

(59,20) 280.86 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

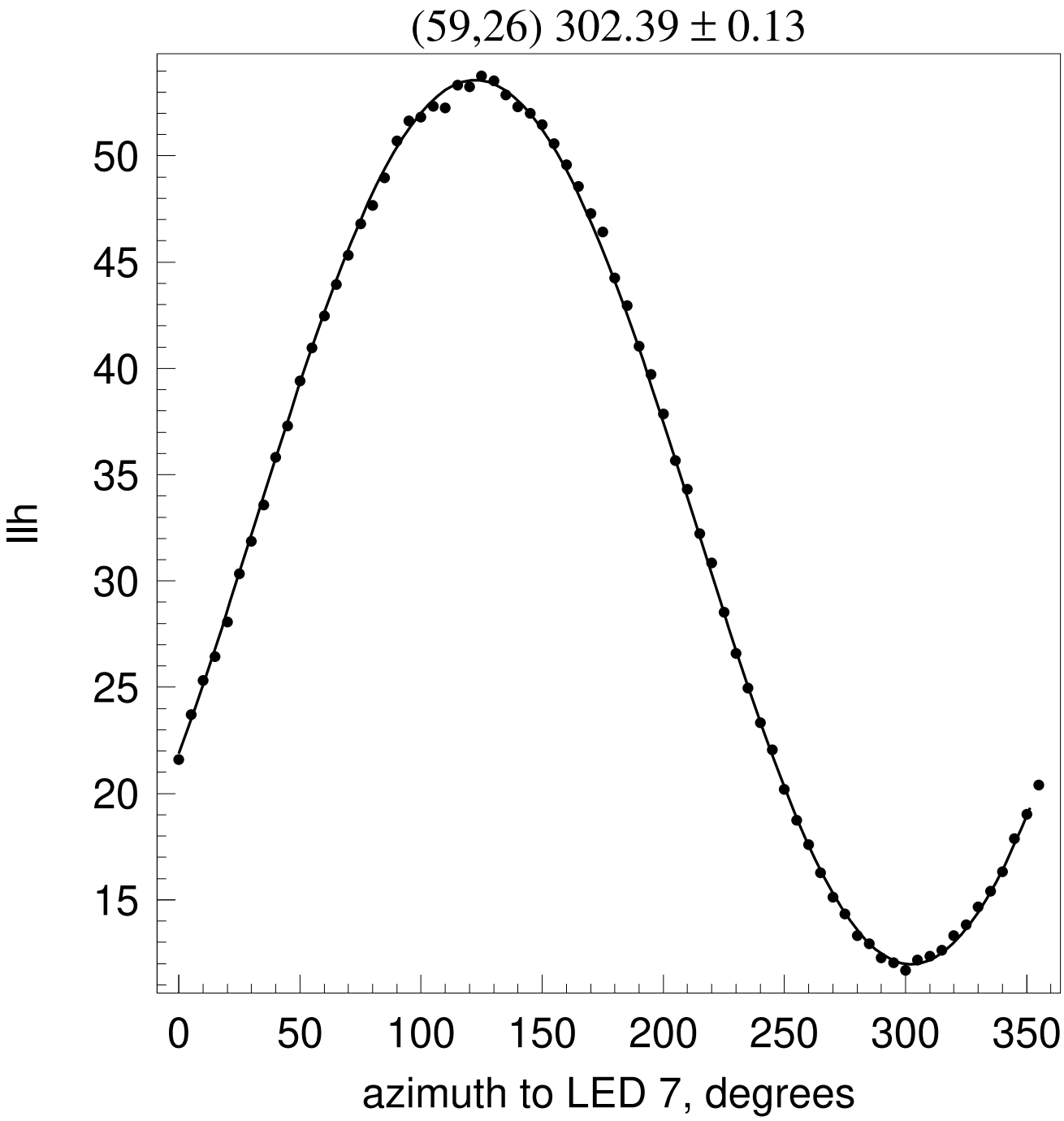

(59,21) 358.12 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

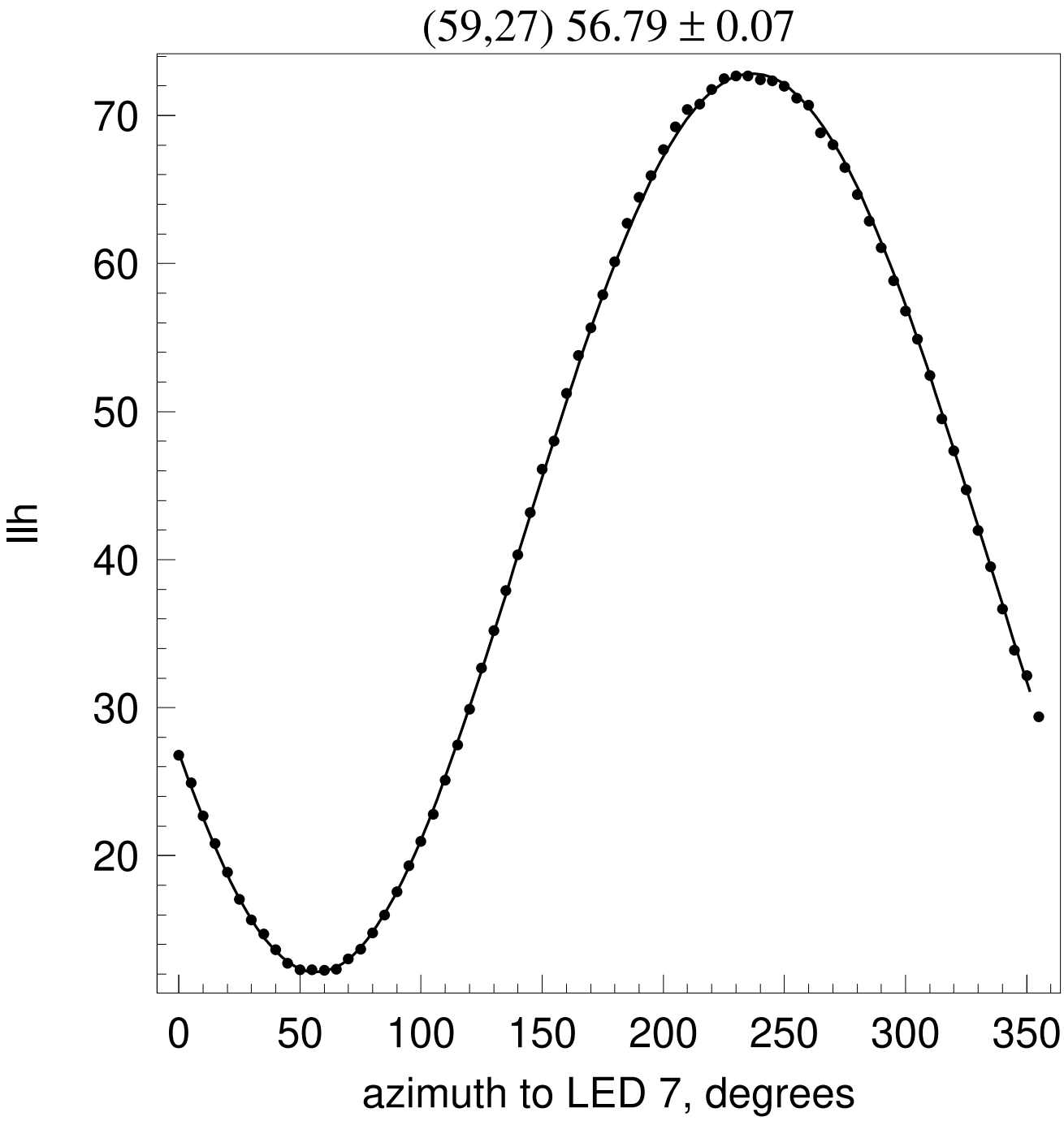

(59,22) 291.01 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

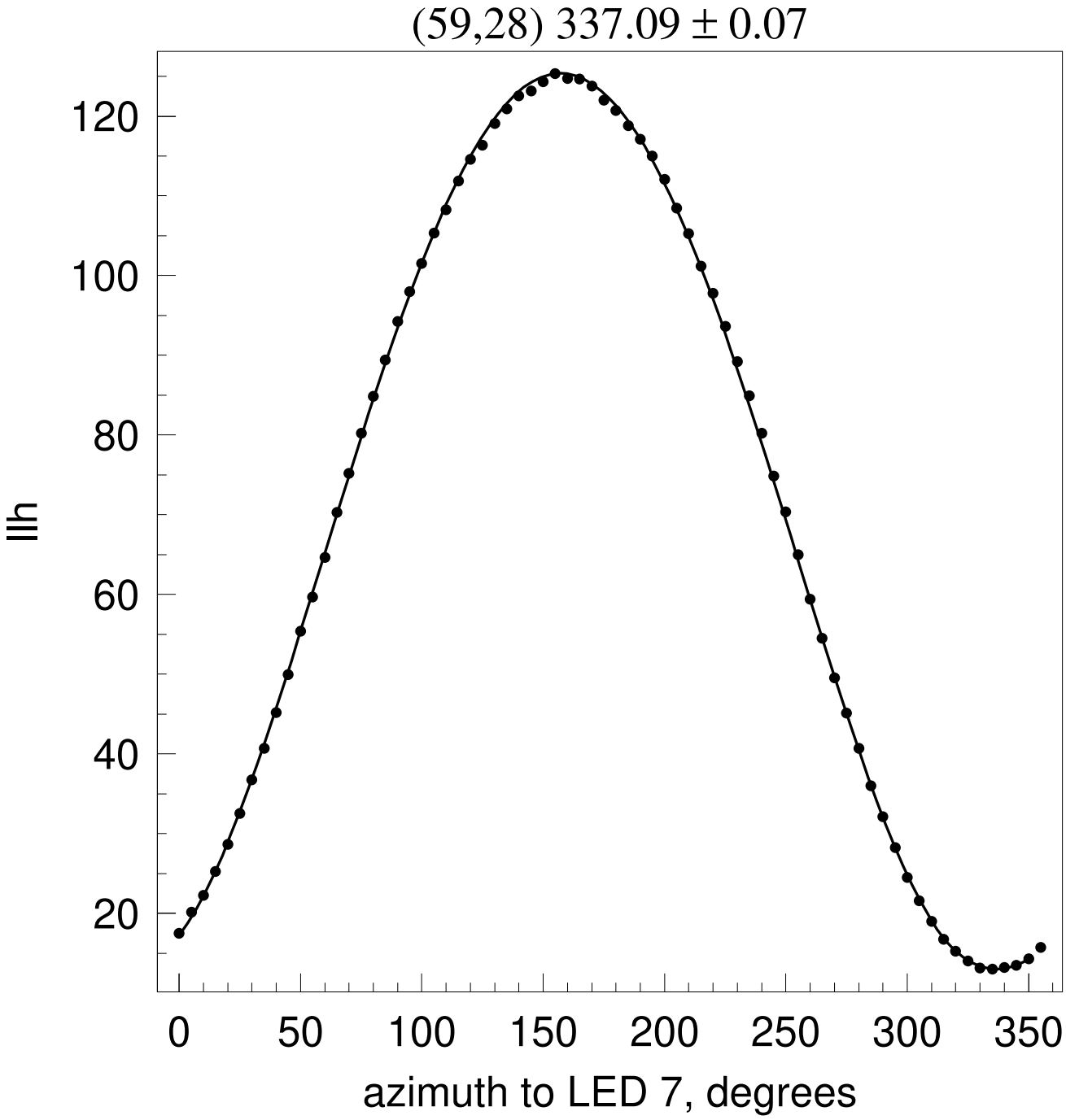

(59,23) 251.90 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

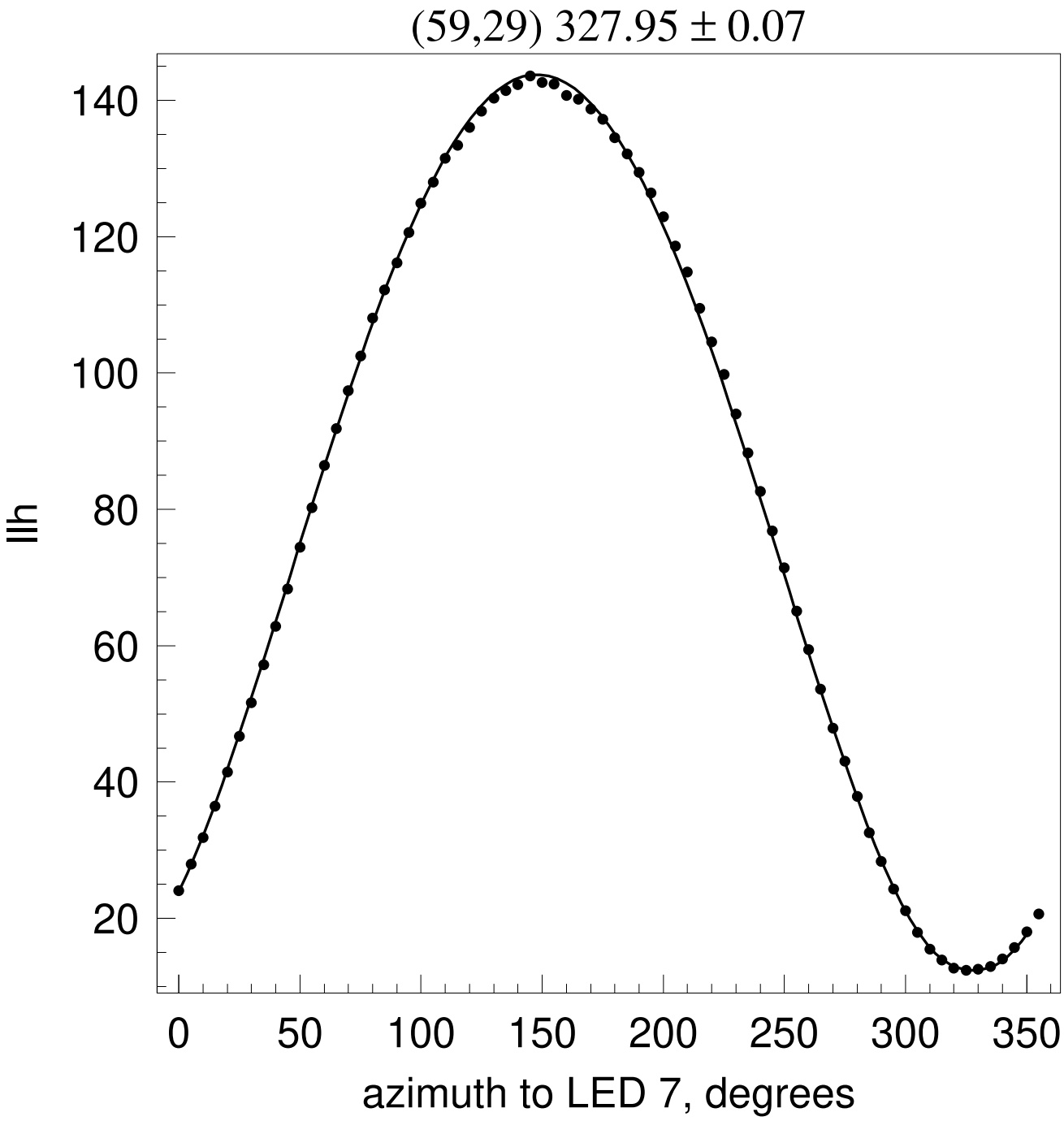

(59,24) 125.57 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

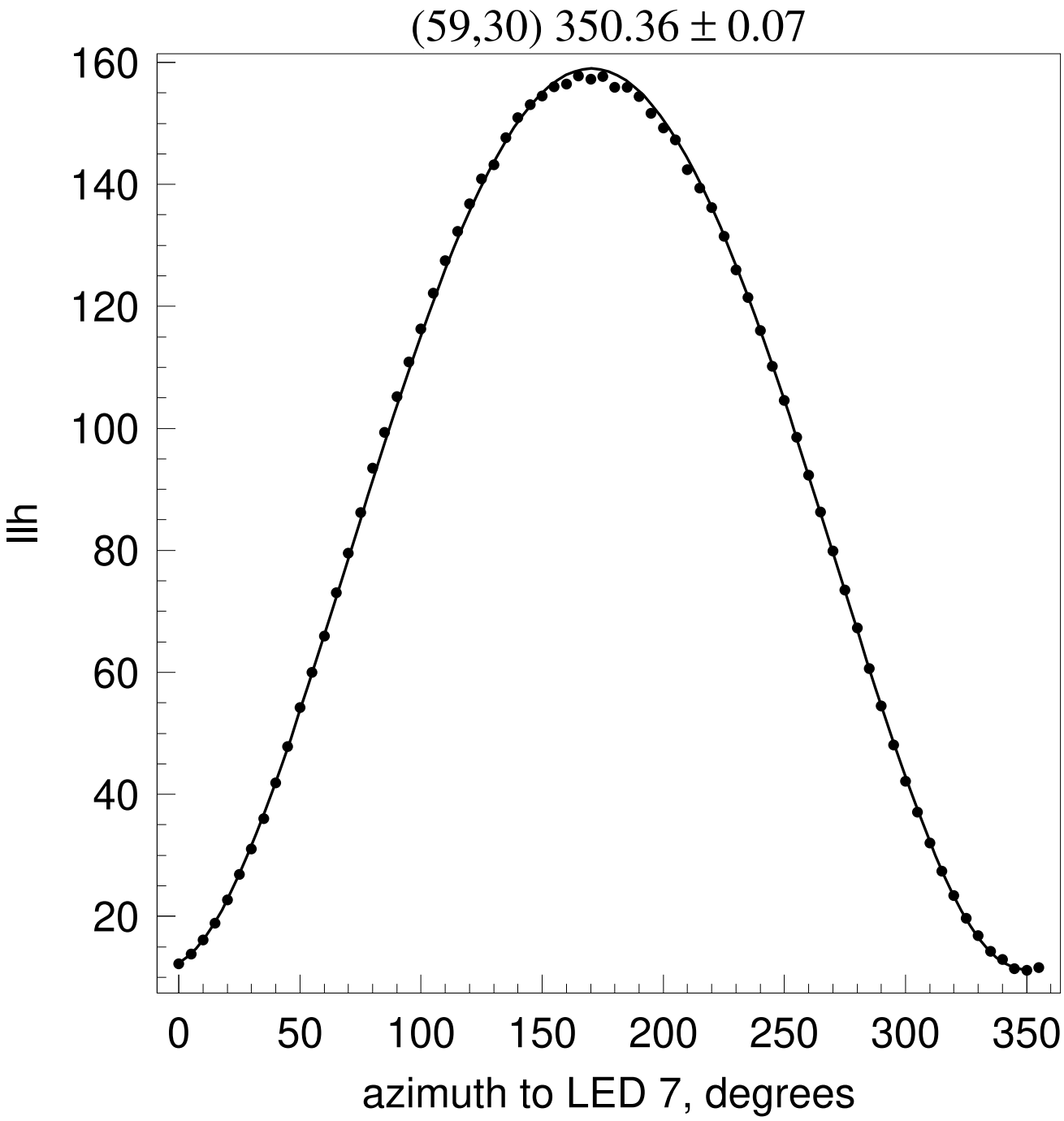

(59,25) 69.26 ± 0.07
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

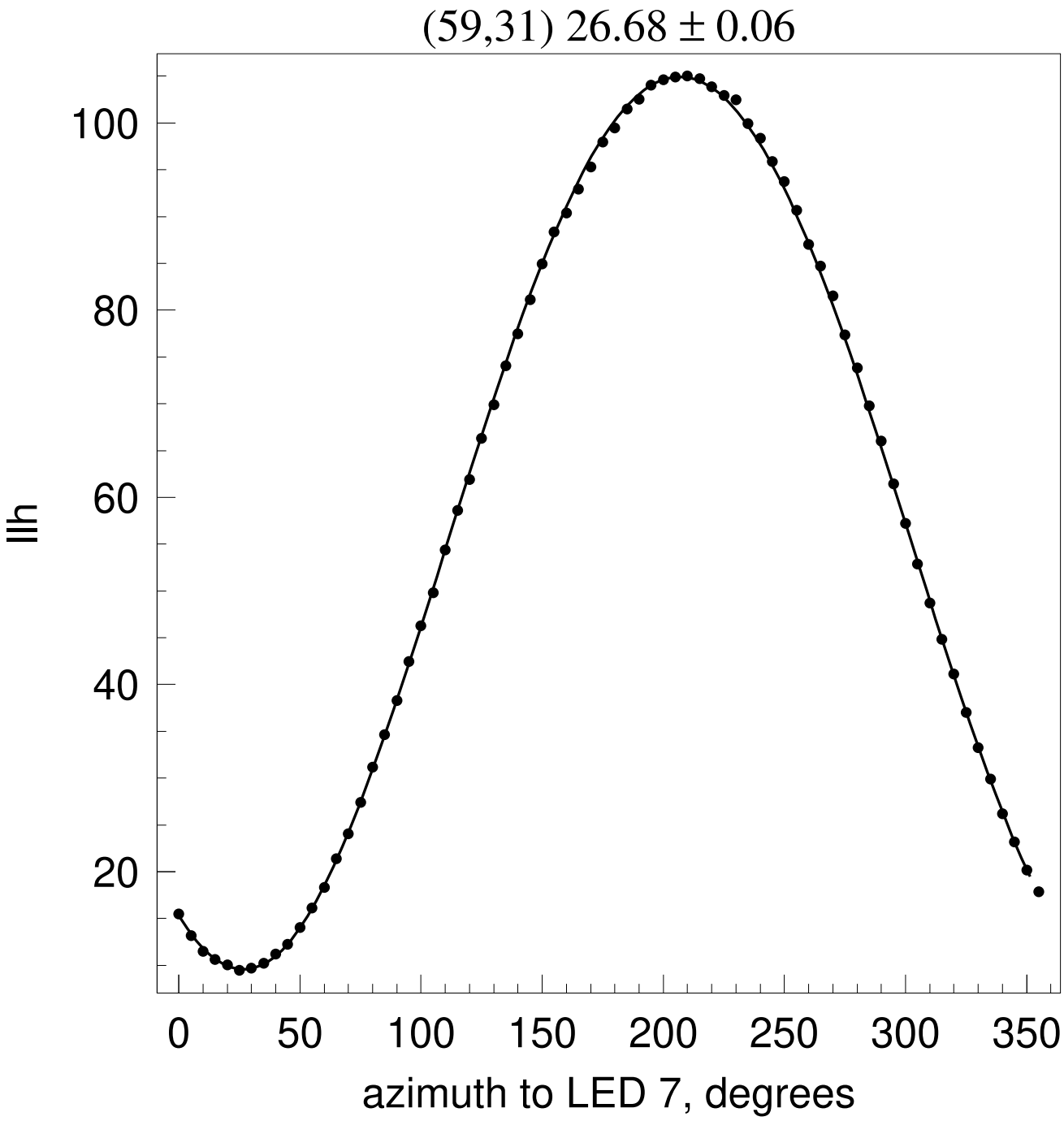

(59,26) 302.39 ± 0.13
llh
50
45
40
35
30
25
20
15
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

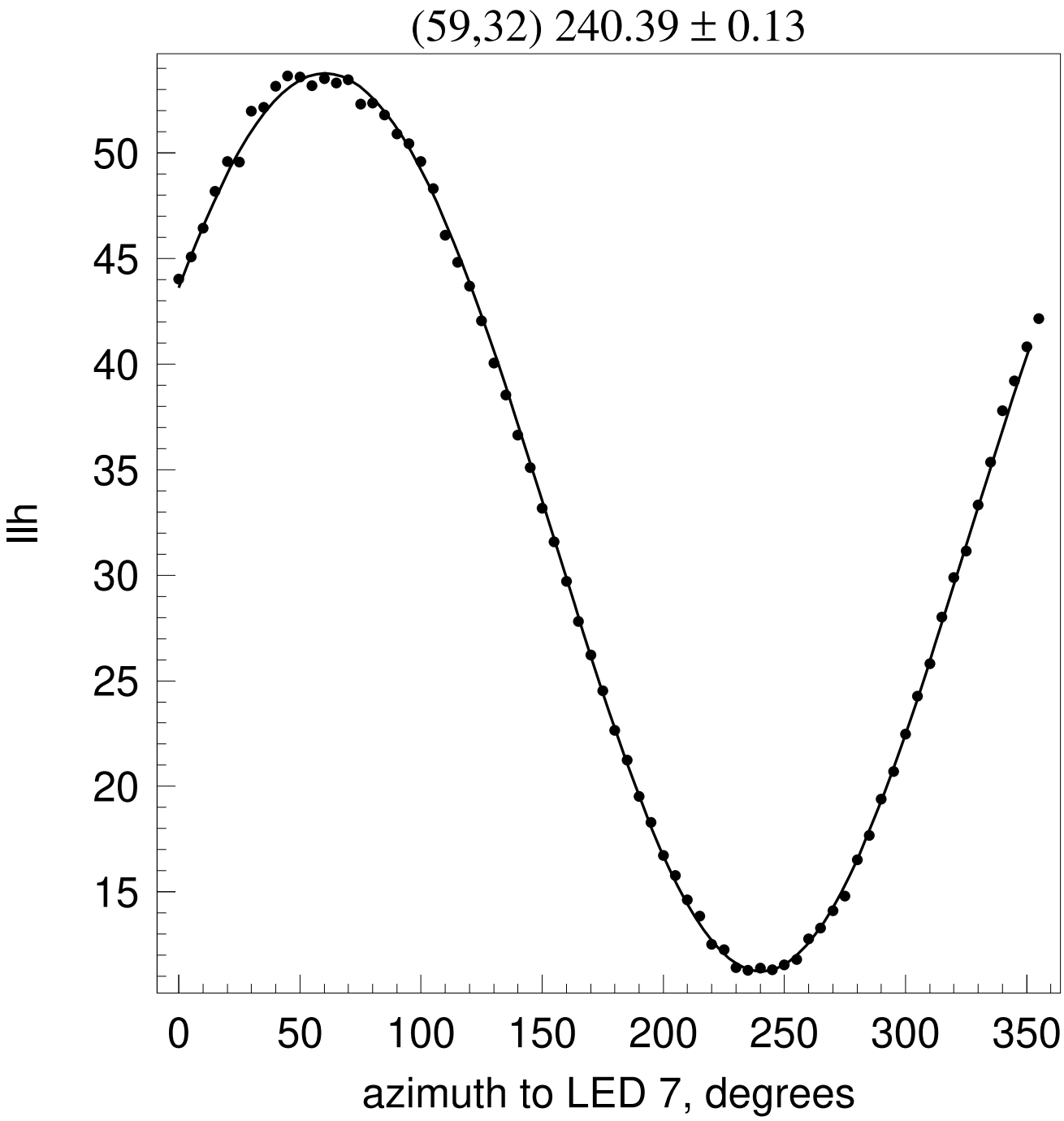

(59,27) 56.79 ± 0.07
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

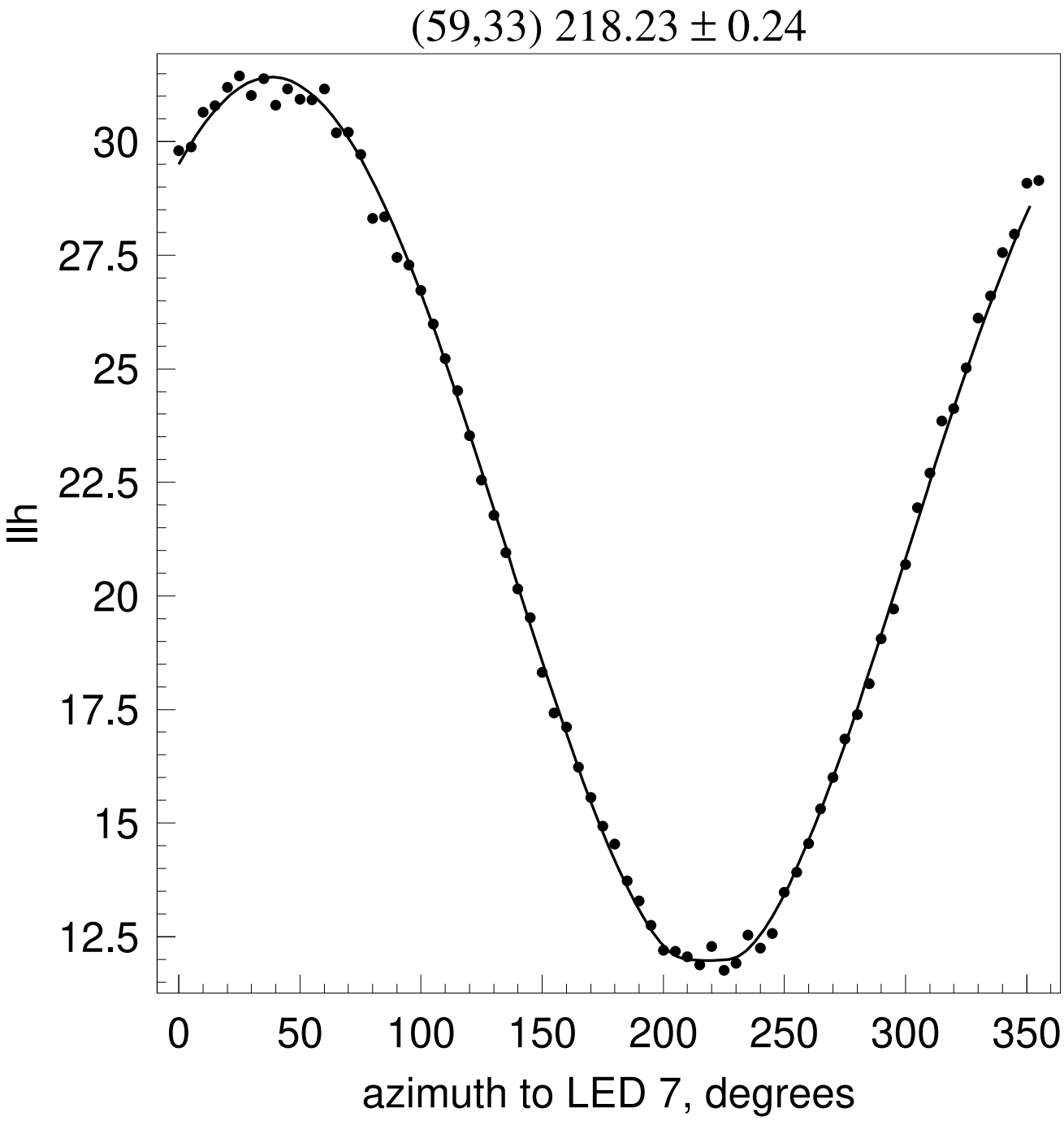

(59,28) 337.09 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

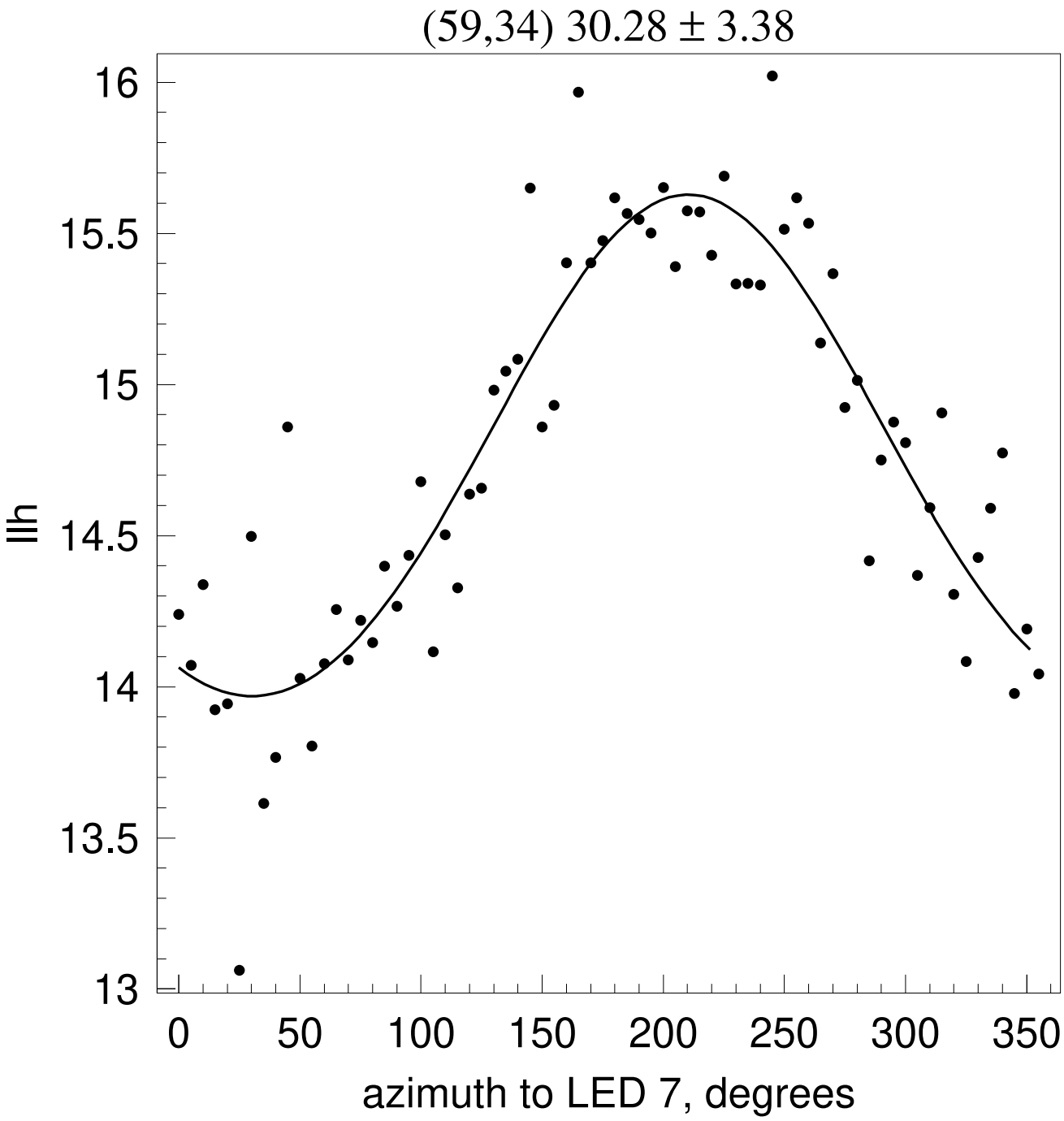

(59,29) 327.95 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

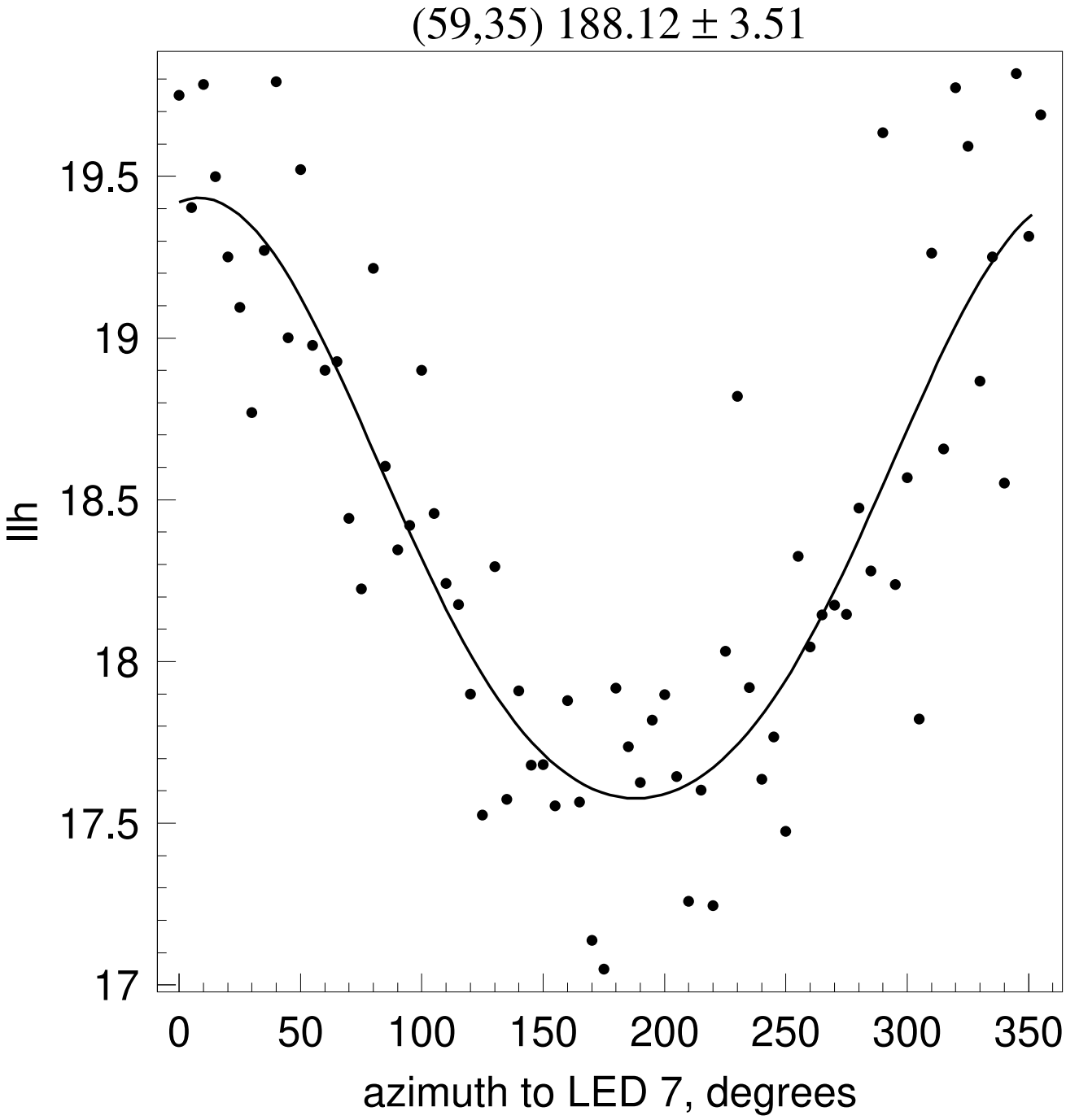

(59,30) 350.36 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

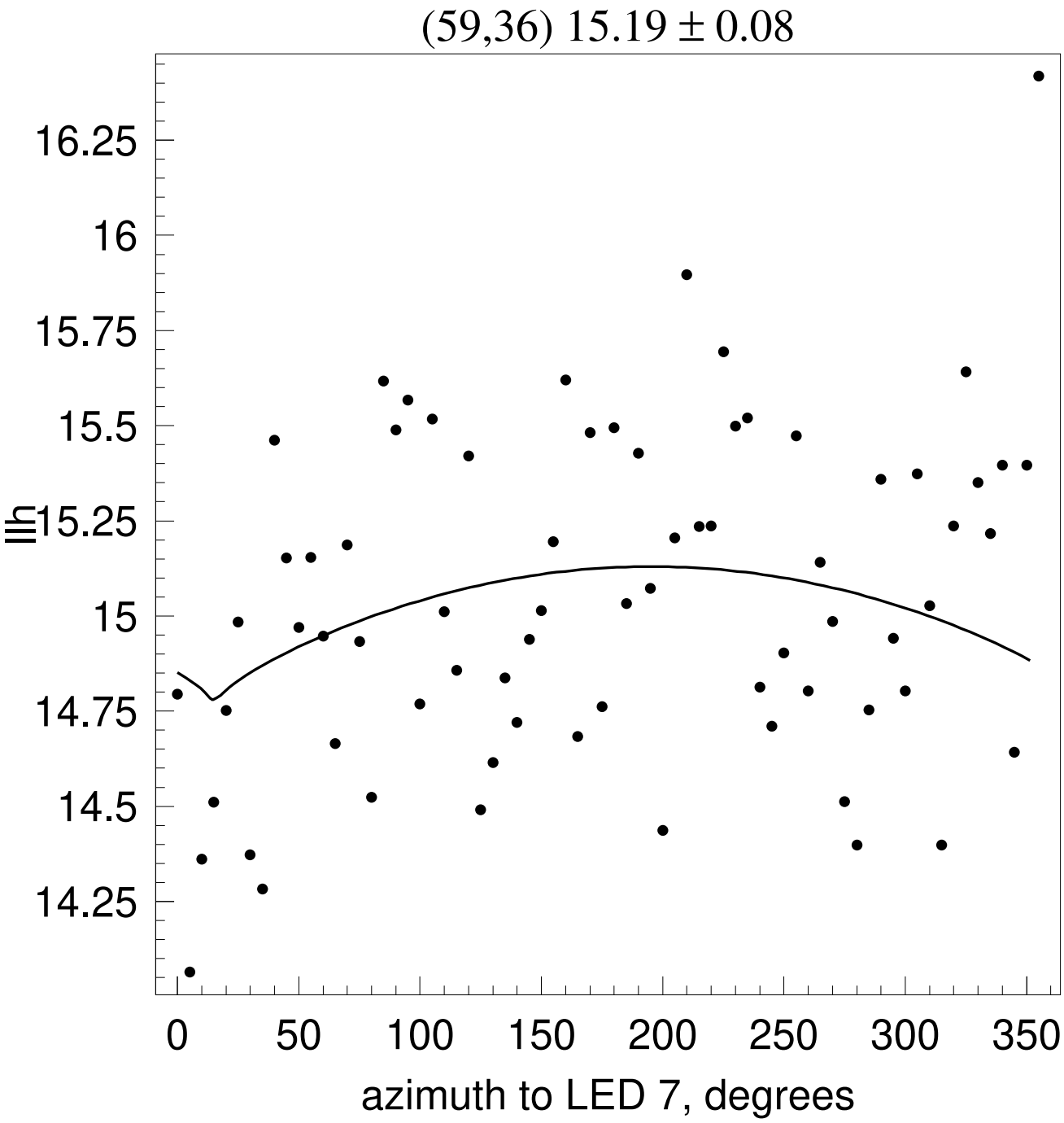

(59,31) 26.68 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

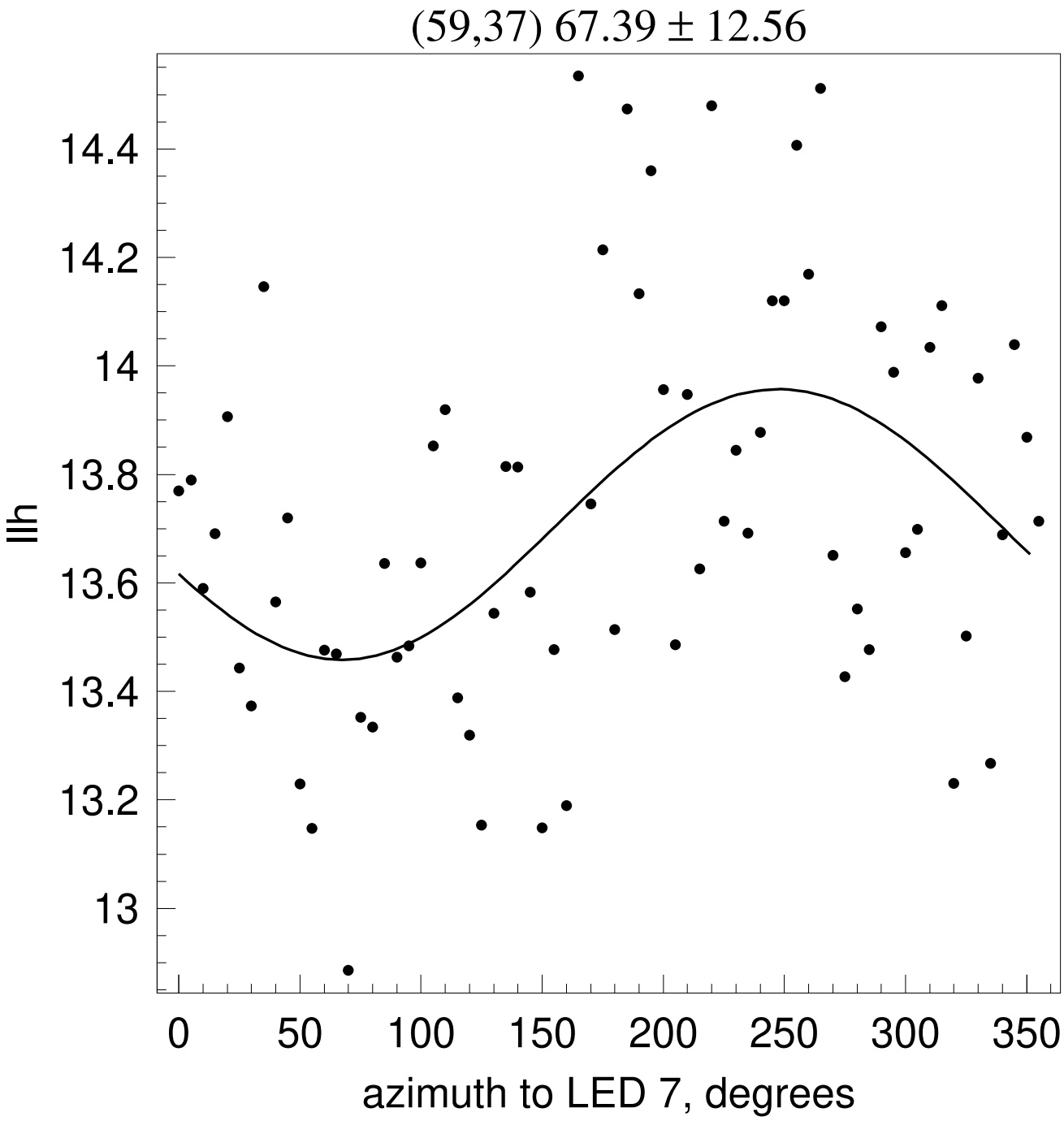

(59,32) 240.39 ± 0.13
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

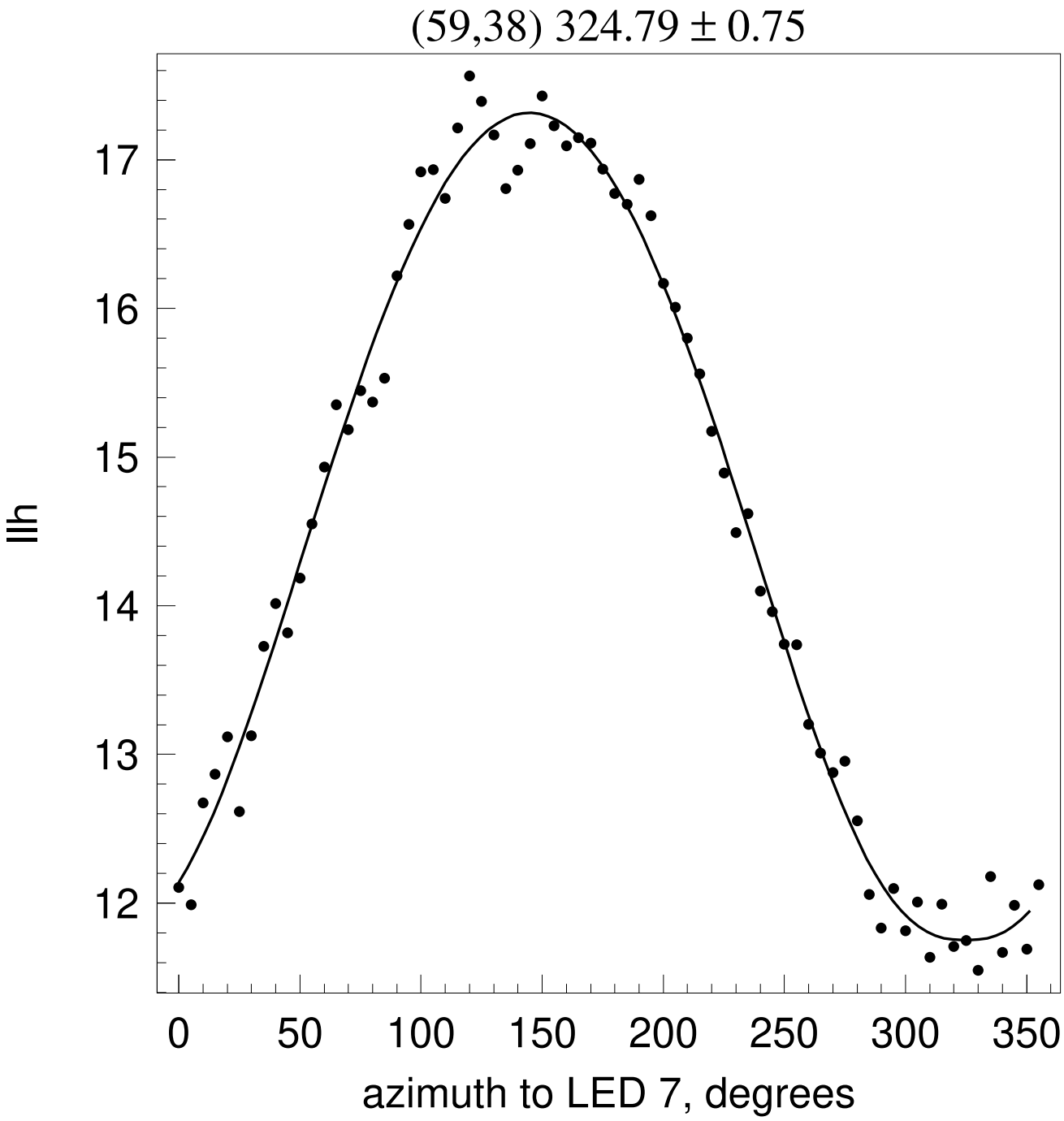

(59,33) 218.23 ± 0.24
30
27.5
25
22.5
20
17.5
15
12.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

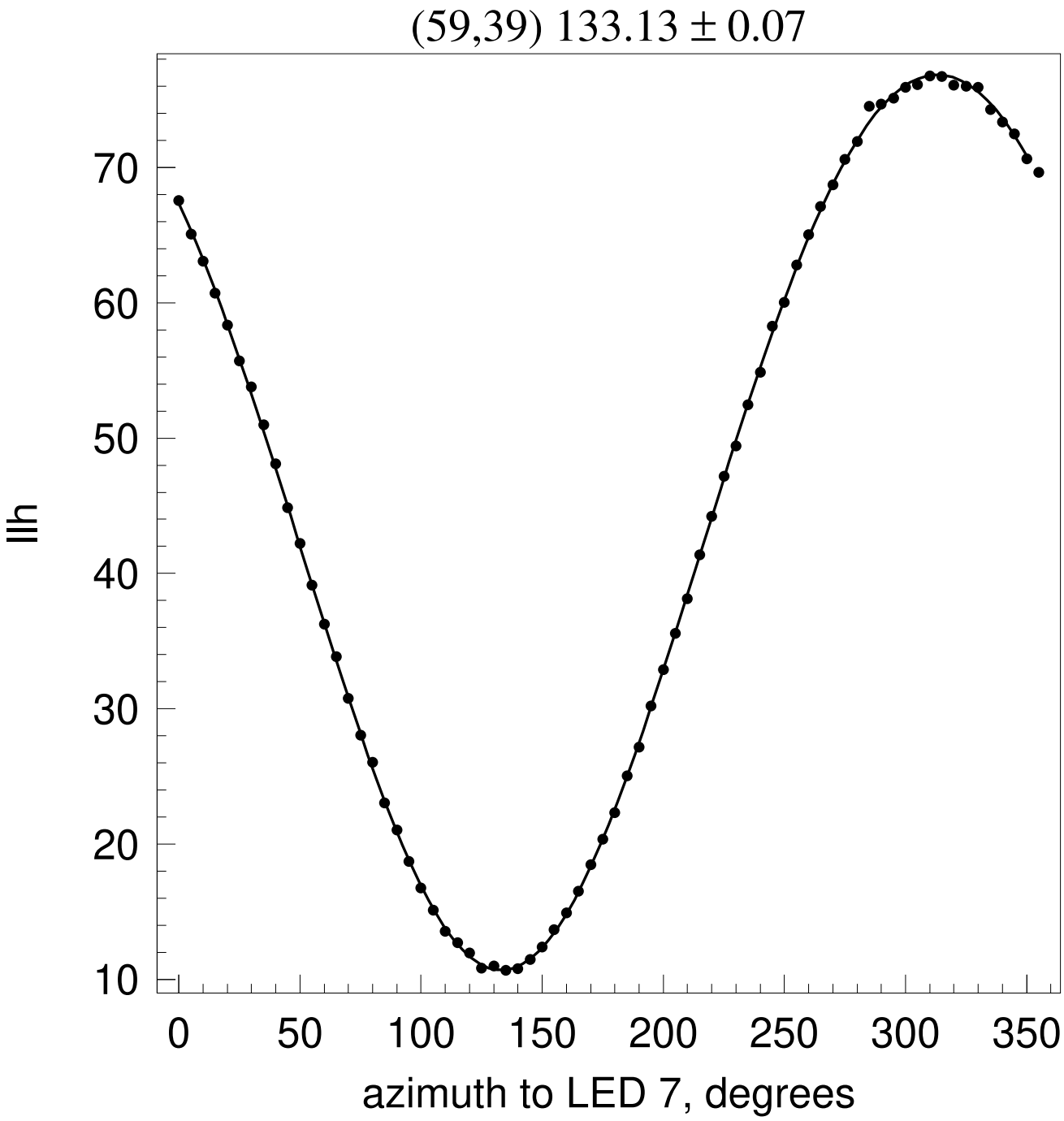

(59,34) 30.28 ± 3.38
16
15.5
15
14.5
14
13.5
13
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

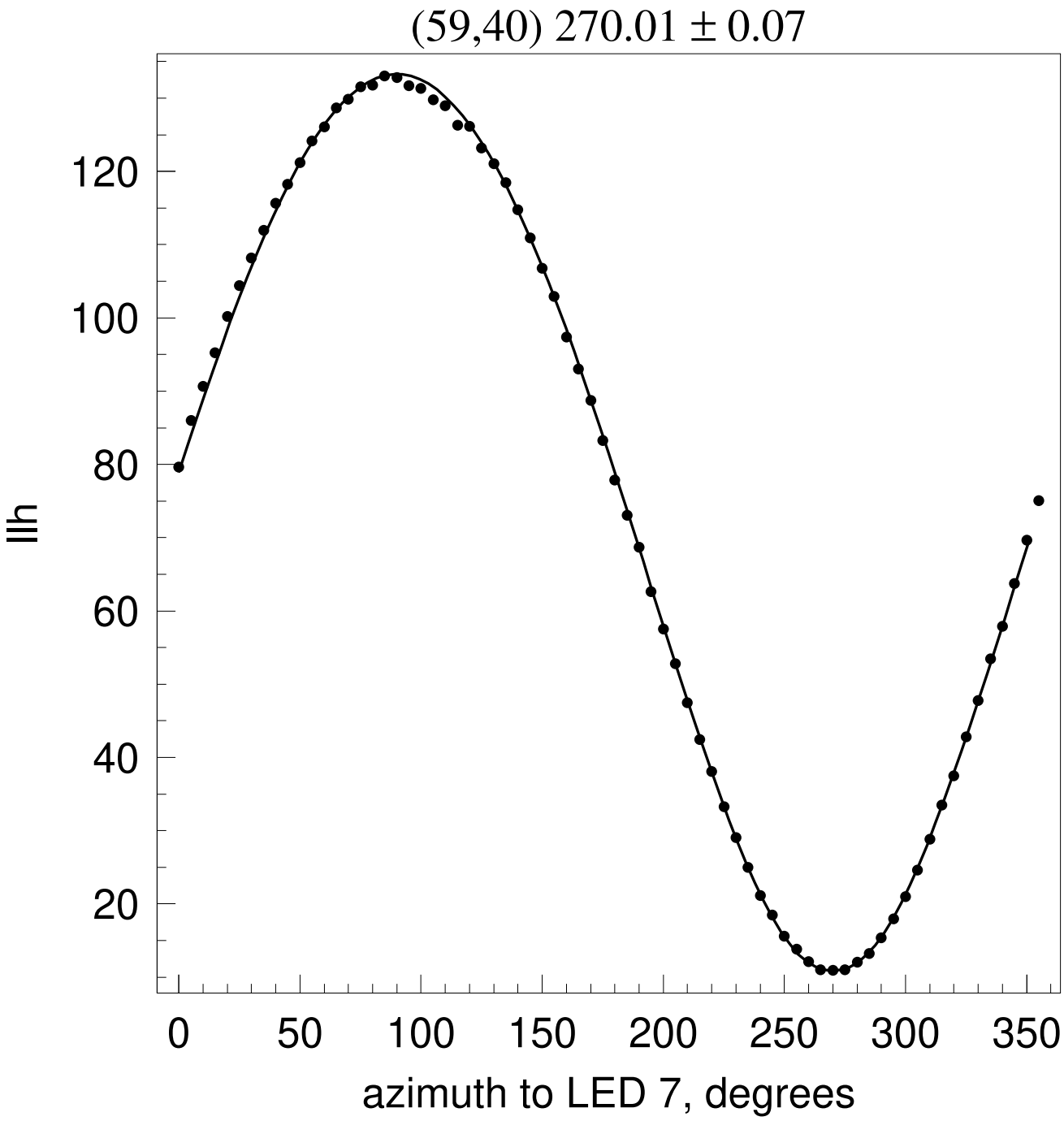

(59,35) 188.12 ± 3.51
19.5
19
18.5
18
17.5
17
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

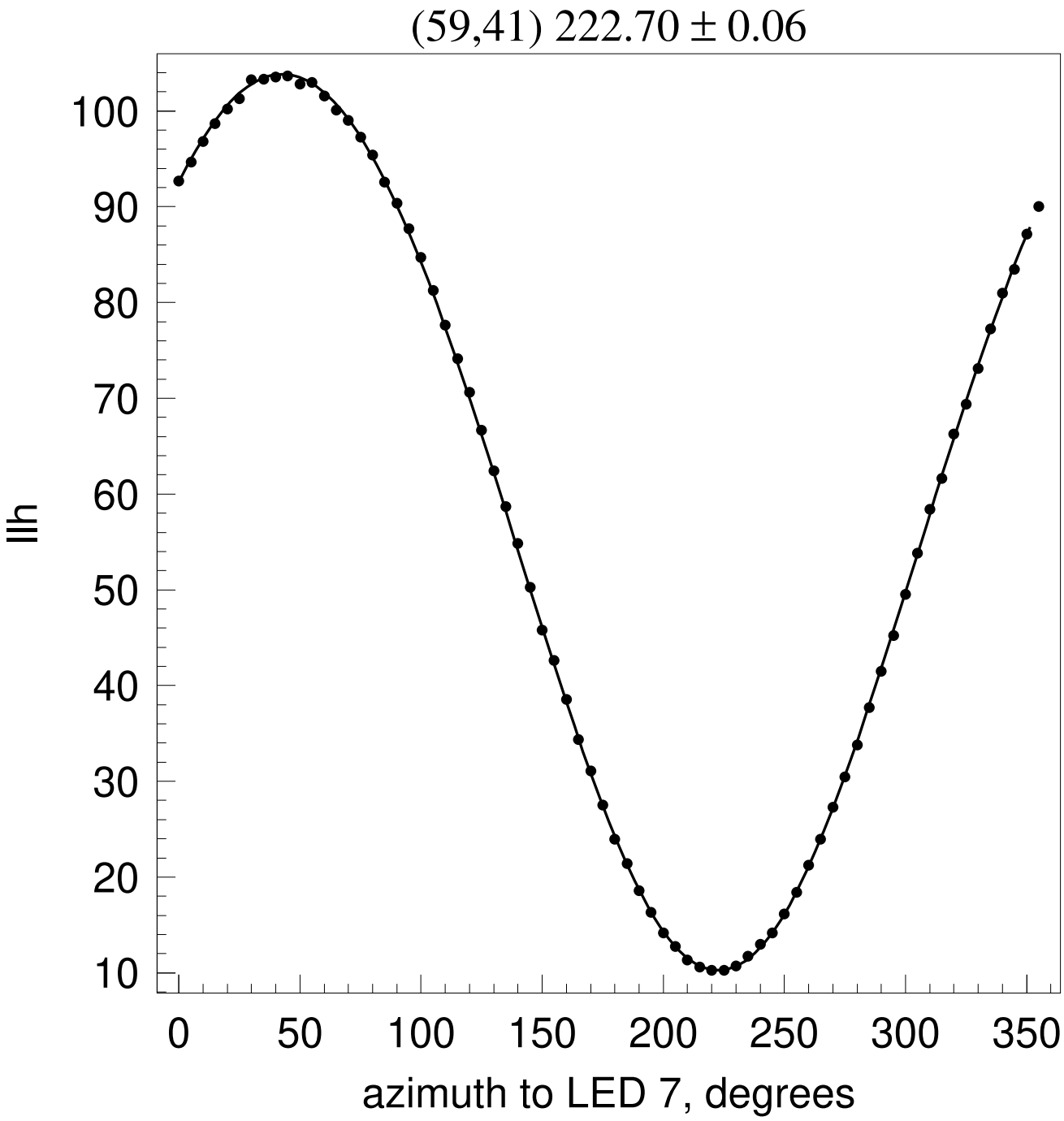

(59,36) 15.19 ± 0.08
16.25
16
15.75
15.5
15.25
15
14.75
14.5
14.25
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

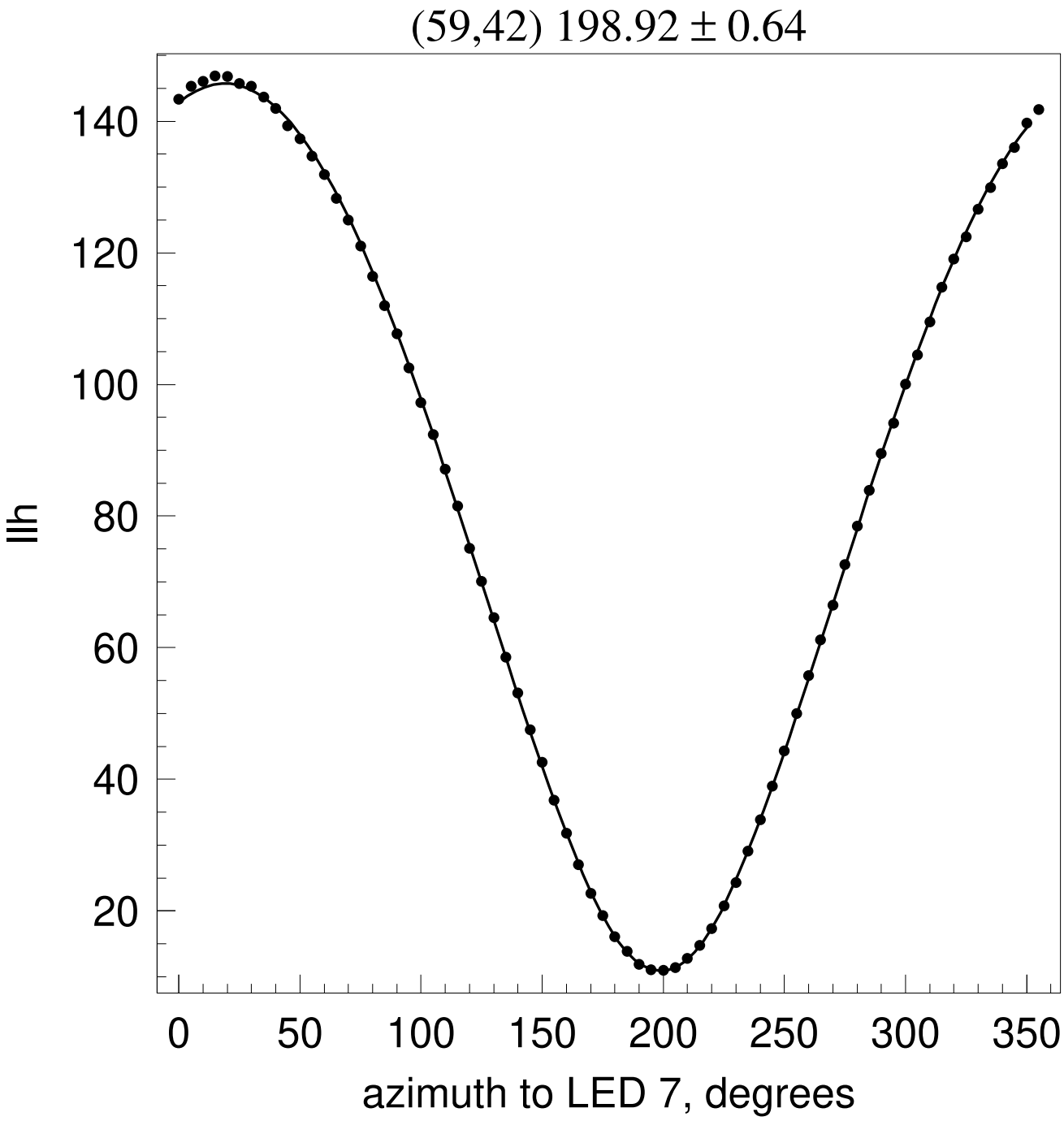

(59,37) 67.39 ± 12.56
14.4
14.2
14
13.8
13.6
13.4
13.2
13
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

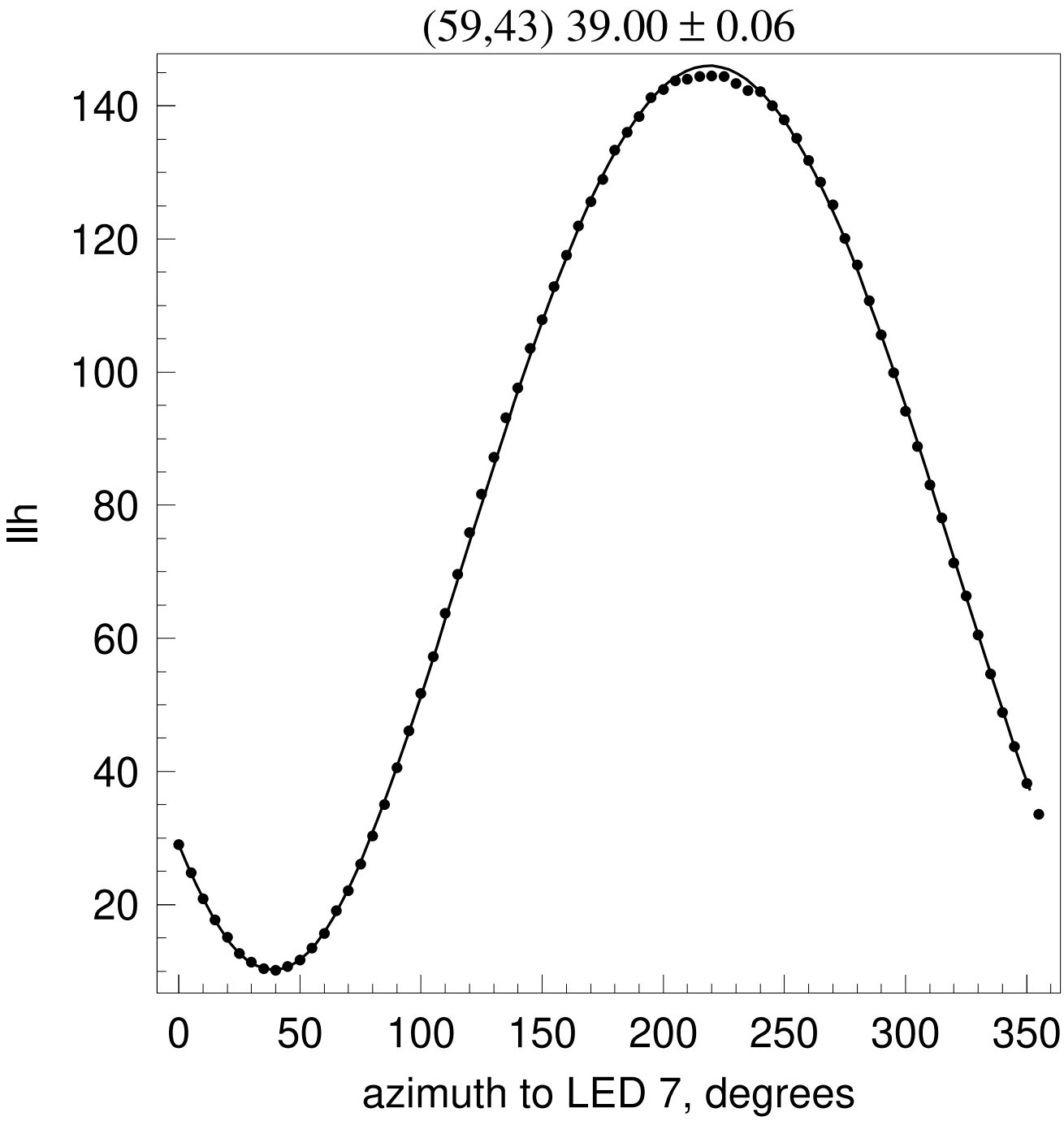

(59,38) 324.79 ± 0.75
17
16
15
14
13
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

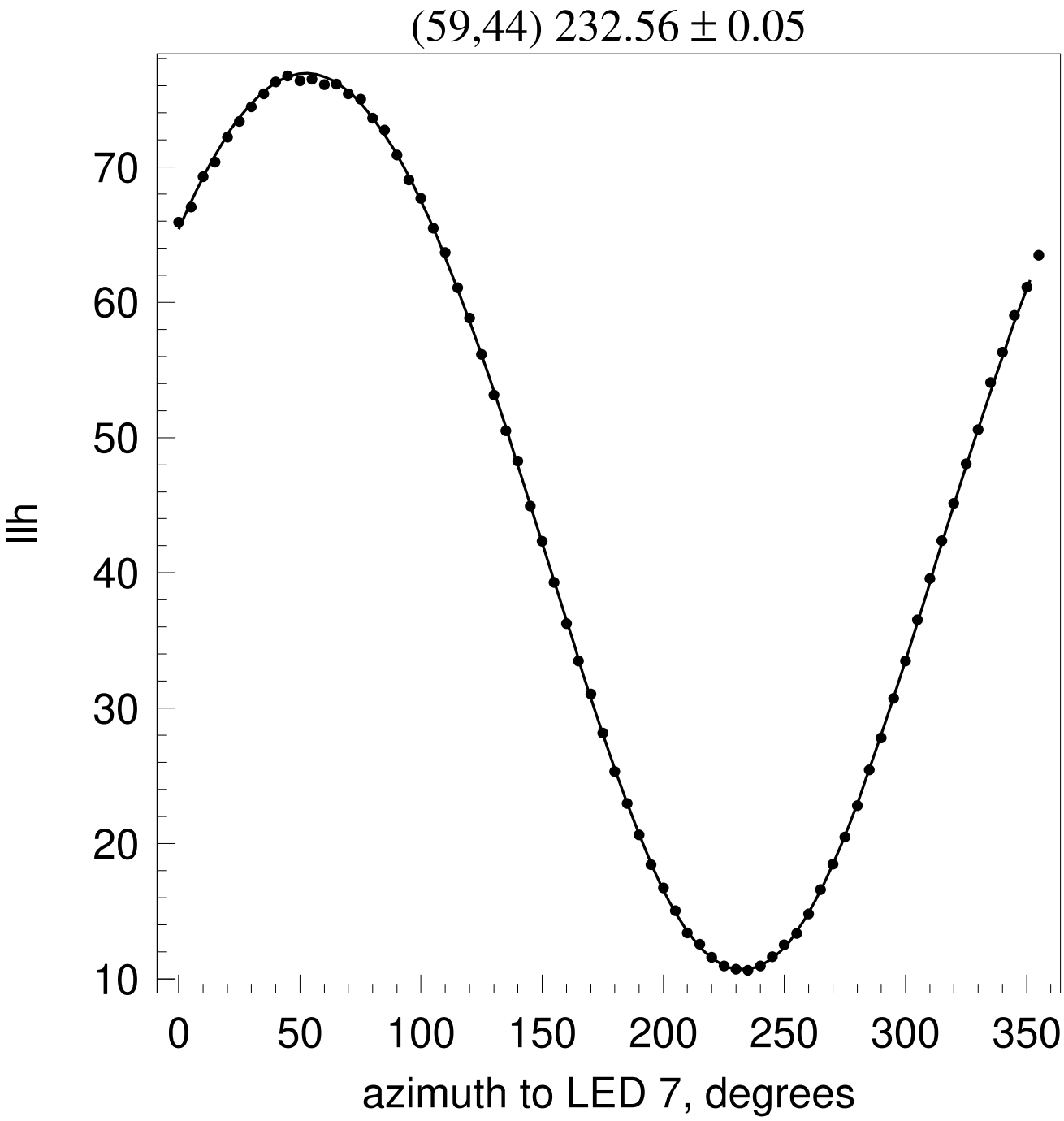

(59,39) 133.13 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

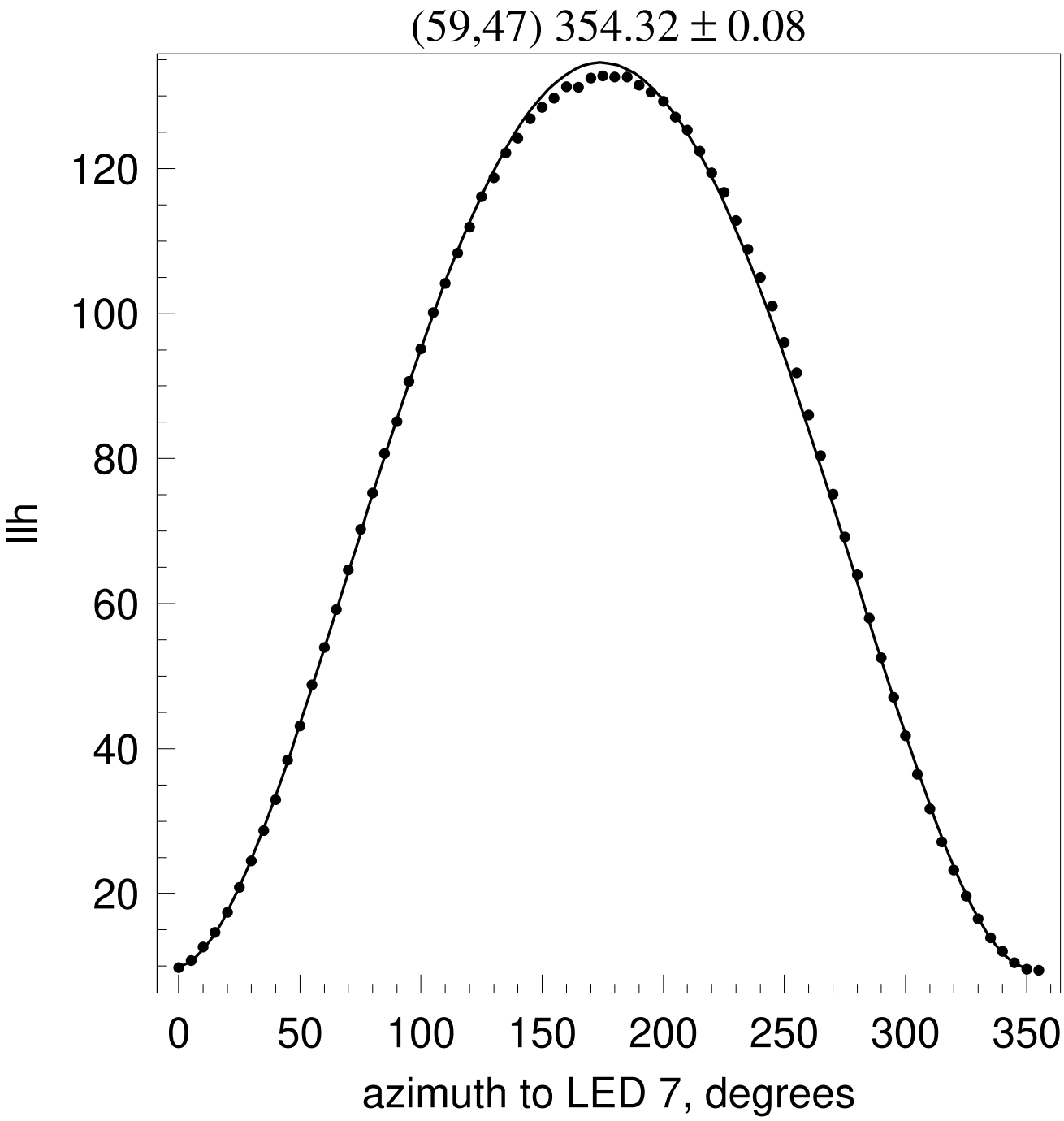

(59,40) 270.01 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

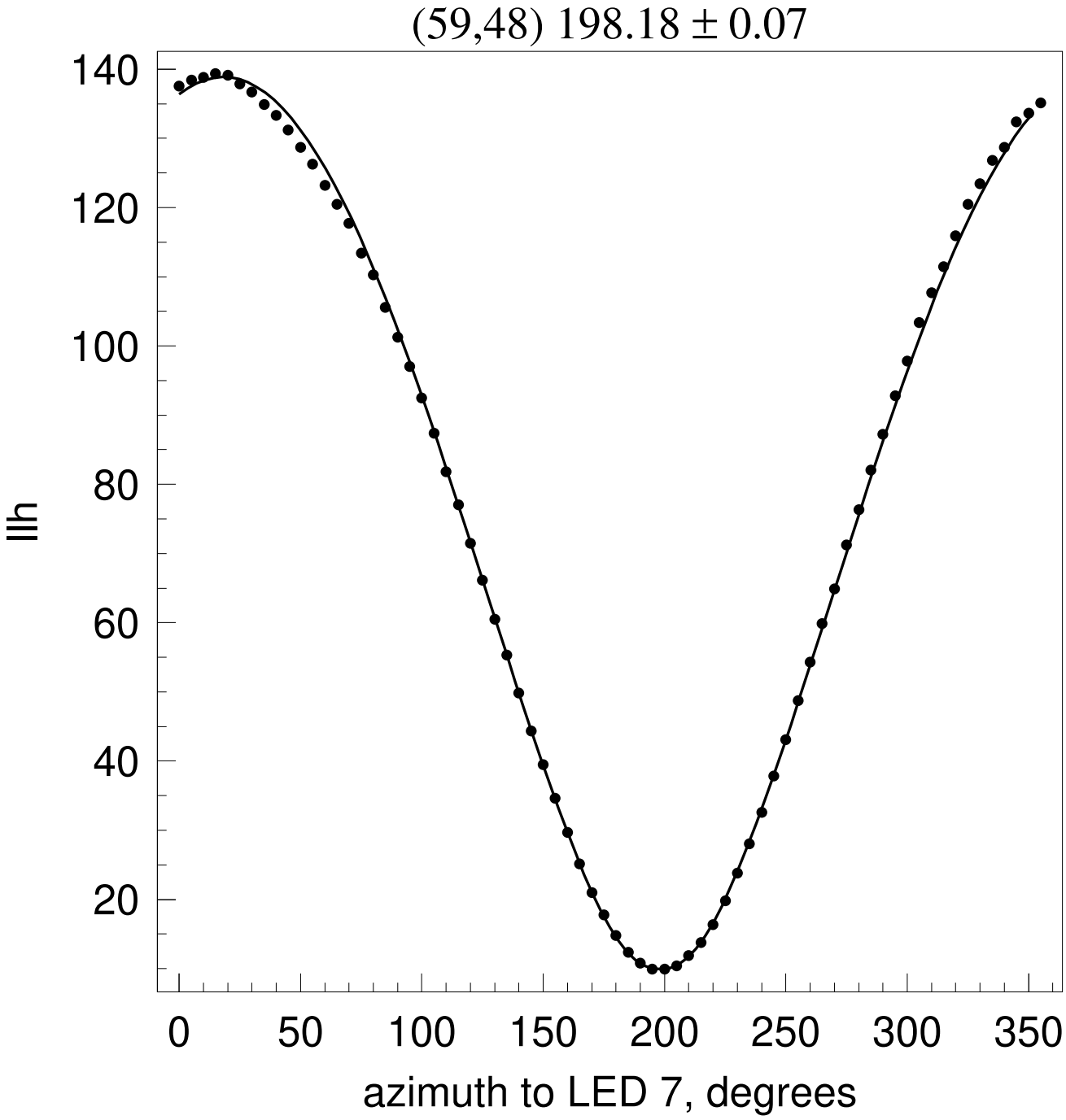

(59,41) 222.70 ± 0.06
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

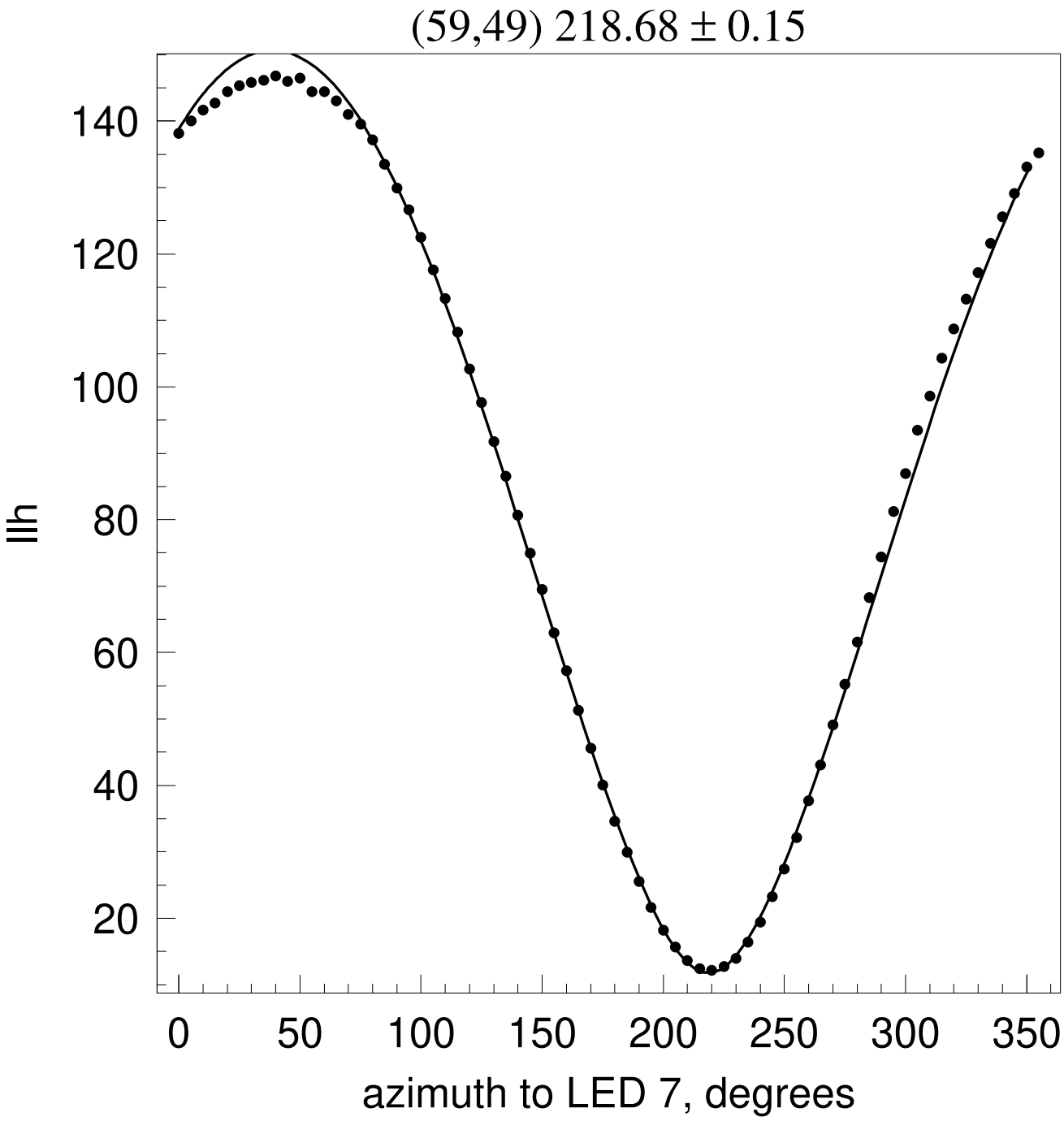

(59,42) 198.92 ± 0.64
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

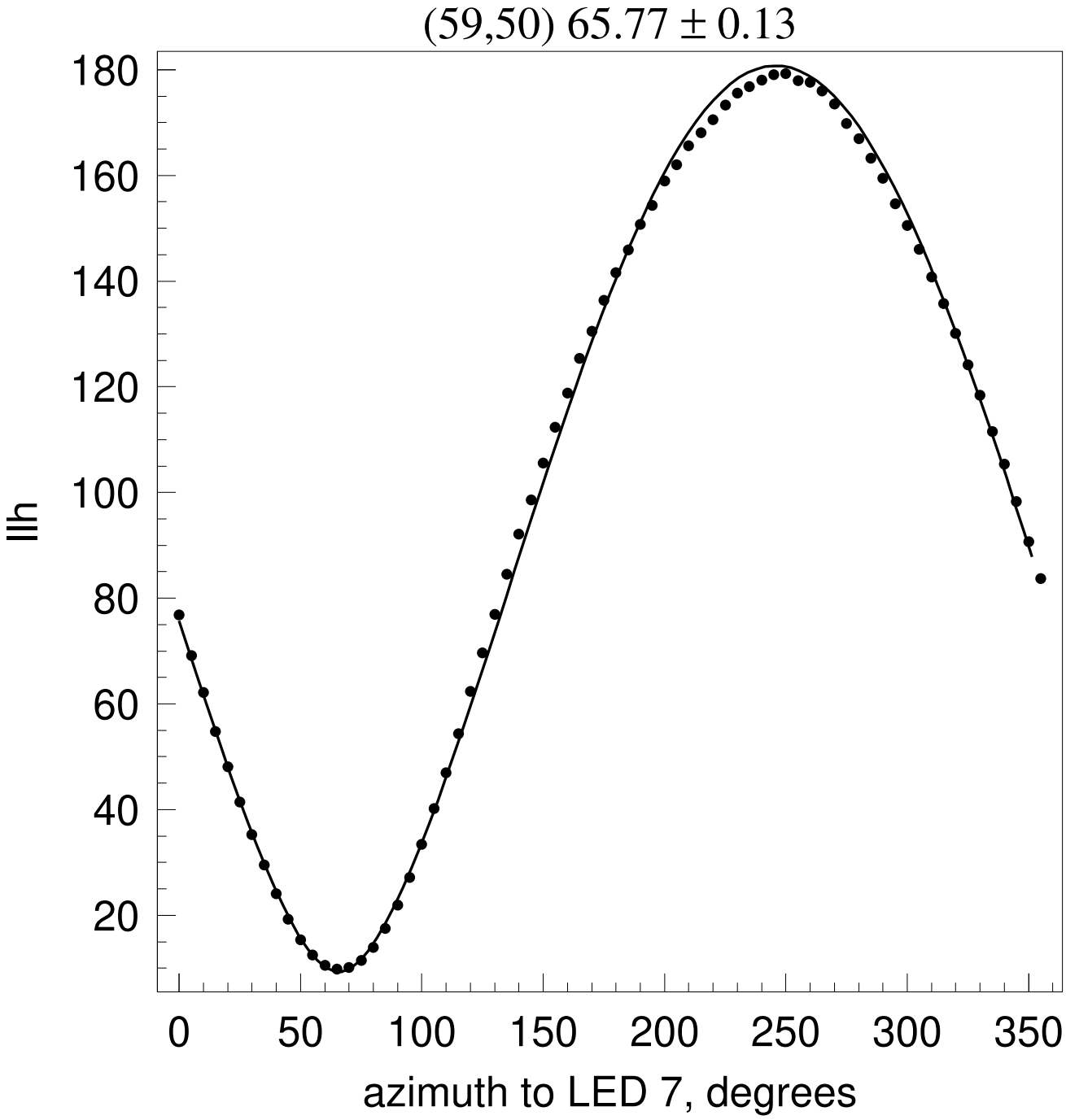

(59,43) 39.00 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

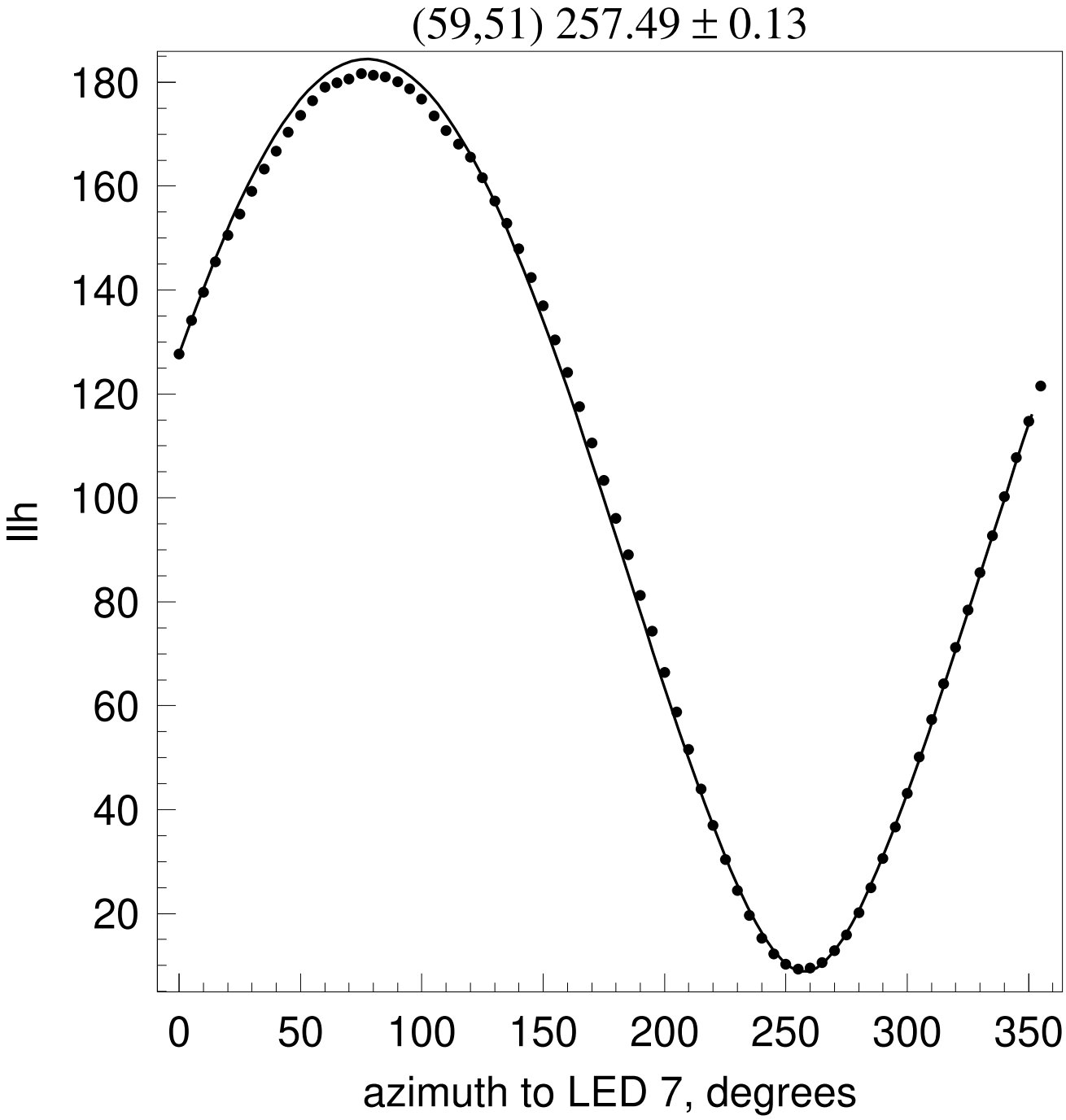

(59,44) 232.56 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

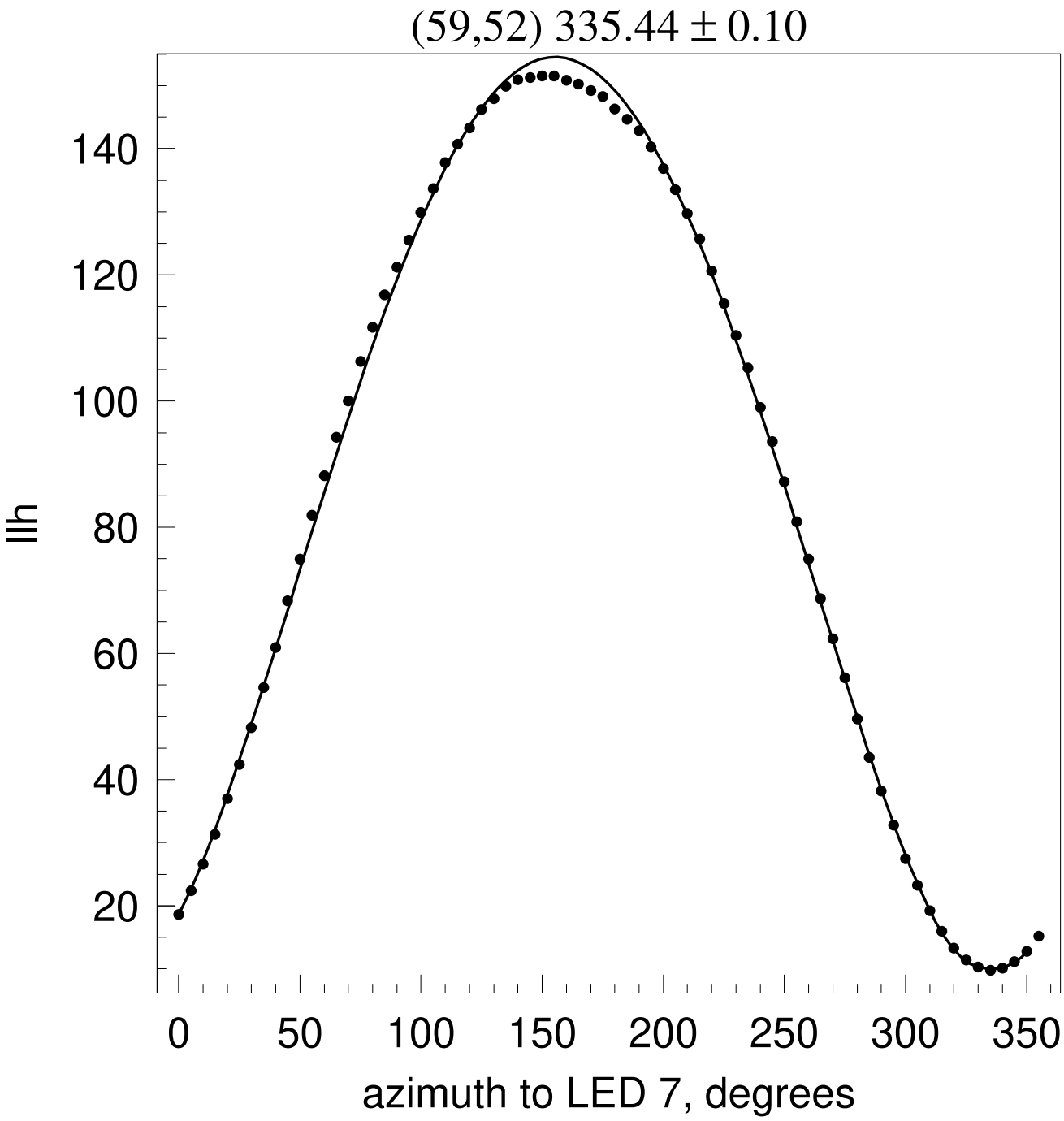

(59,47) 354.32 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

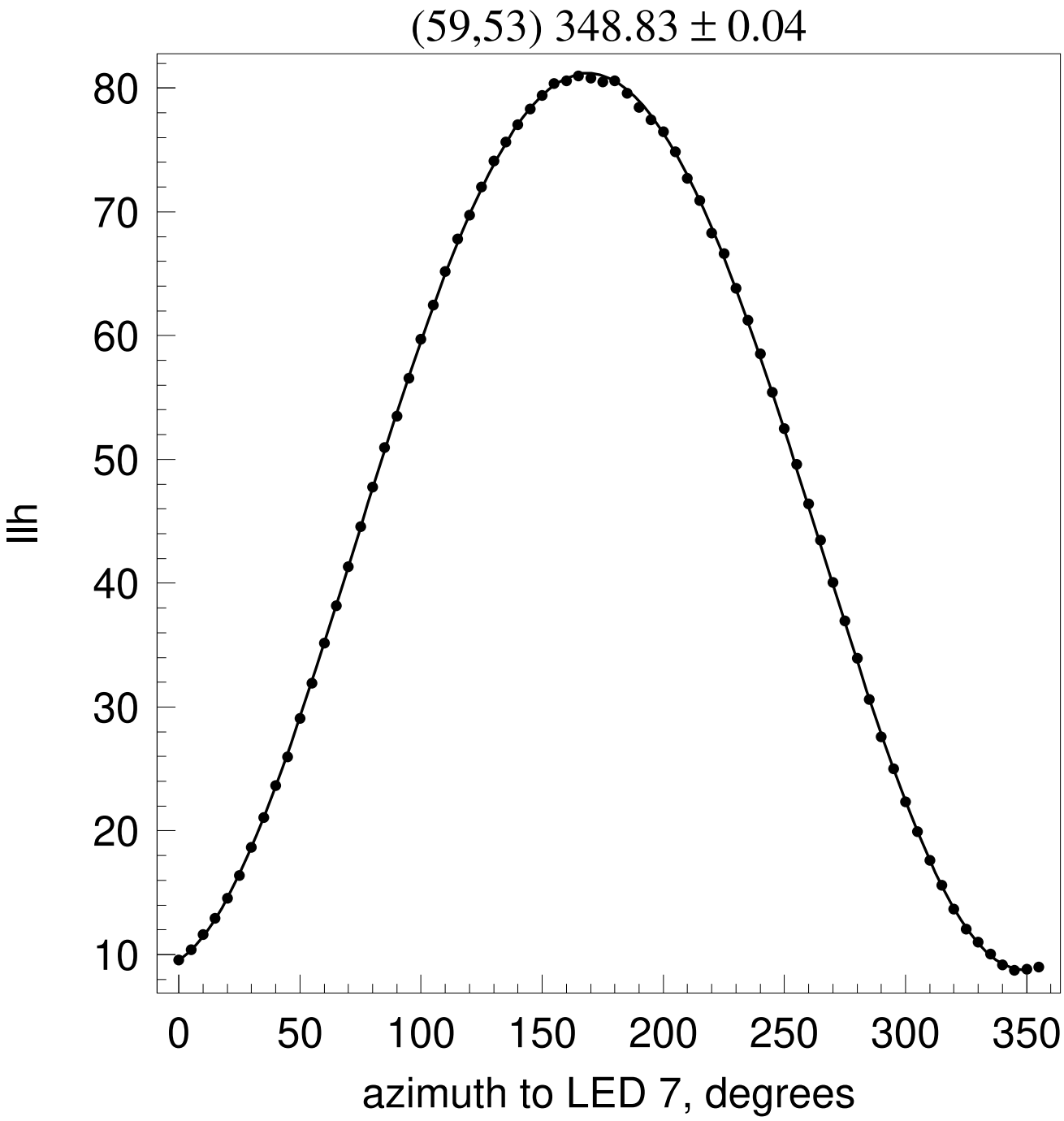

(59,48) 198.18 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

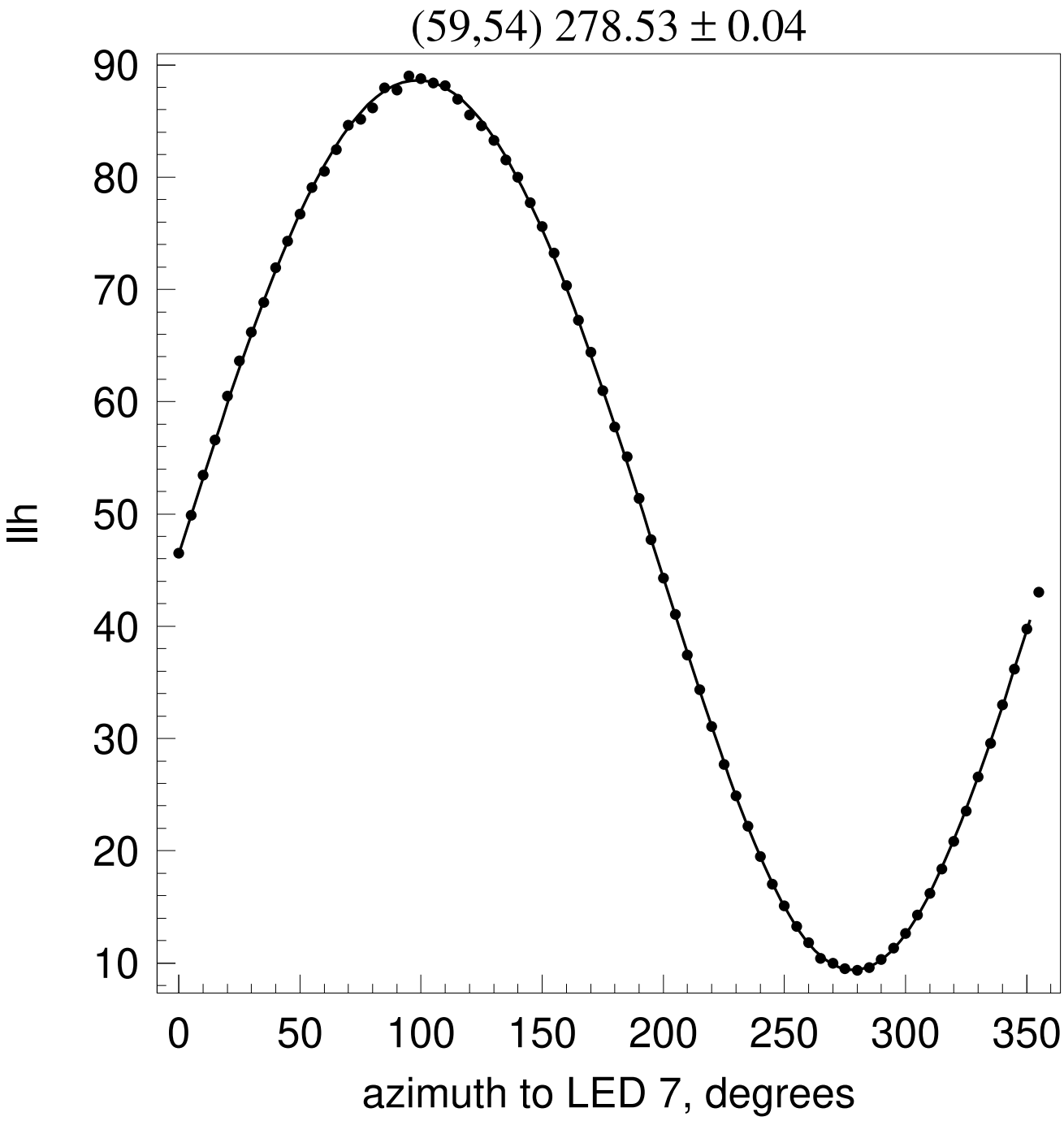

(59,49) 218.68 ± 0.15
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

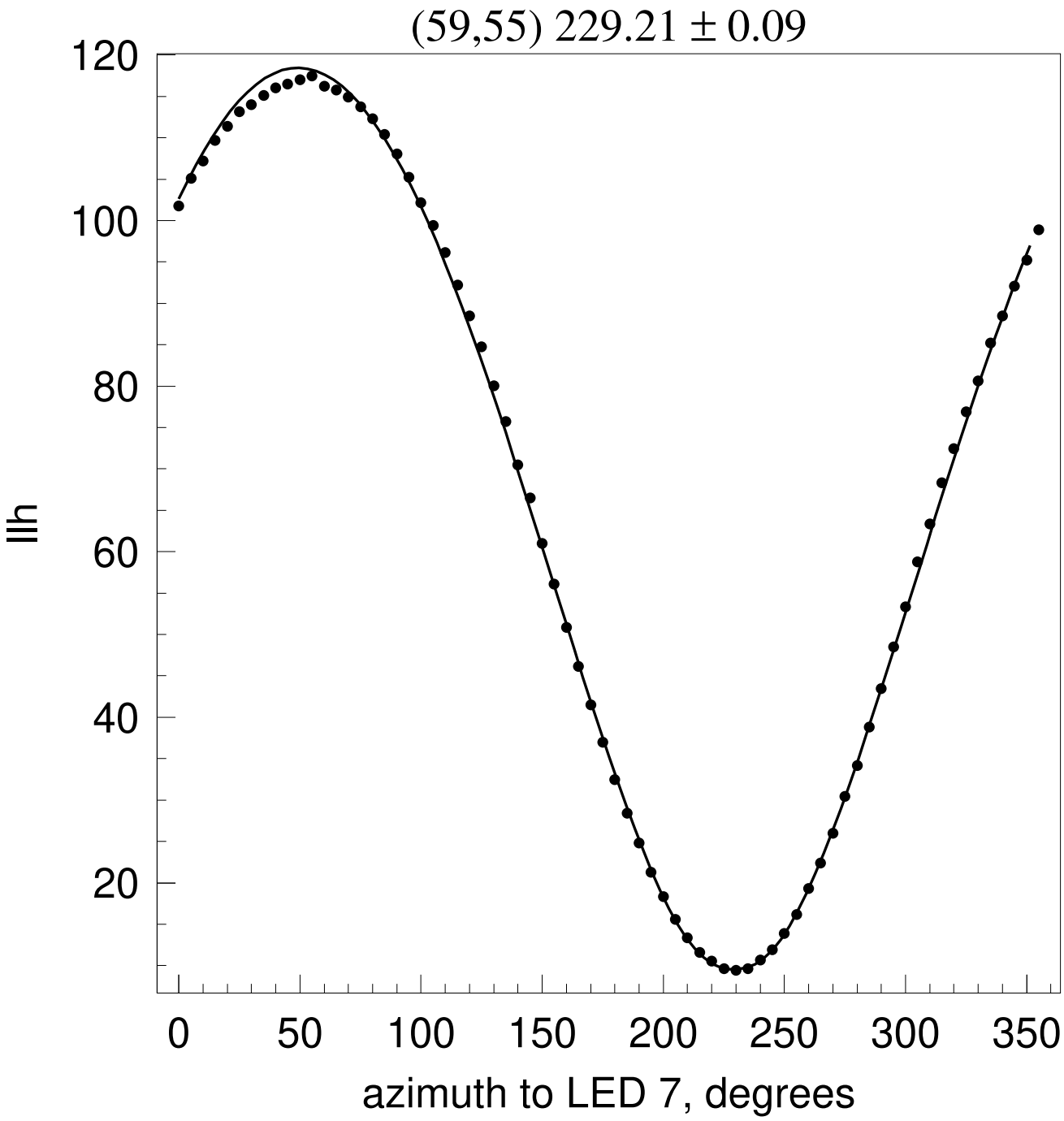

(59,50) 65.77 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

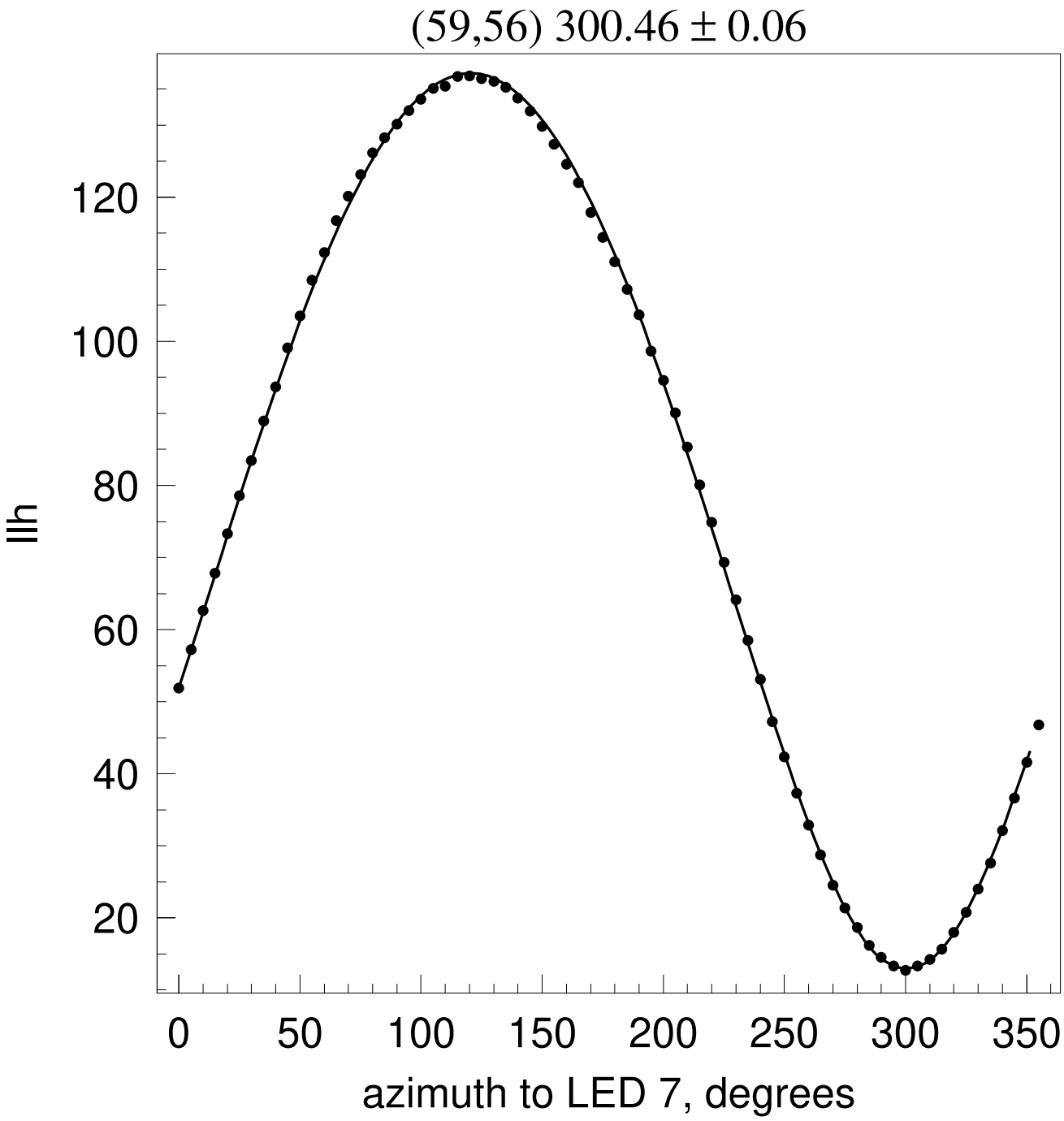

(59,51) 257.49 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

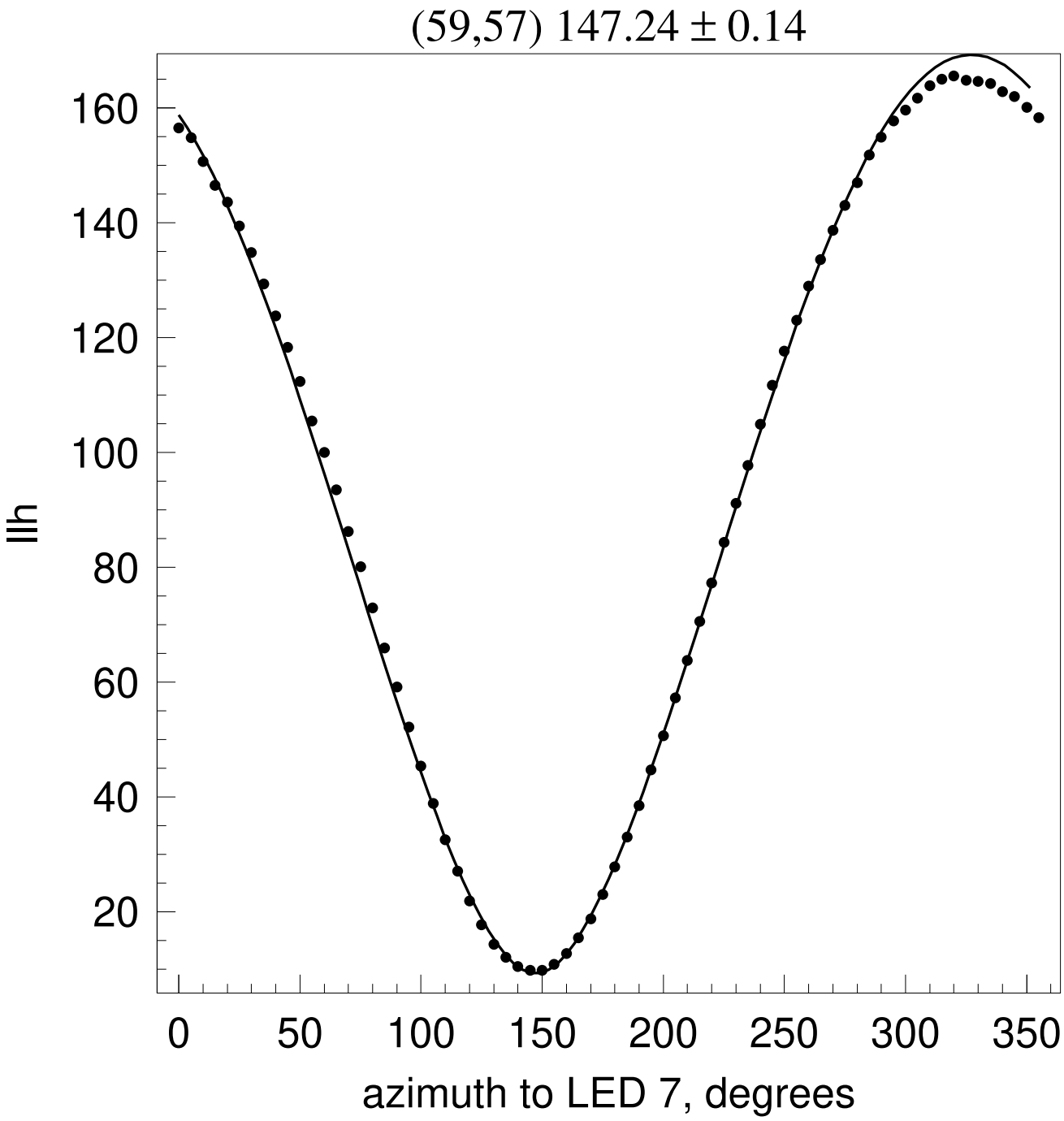

(59,52) 335.44 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

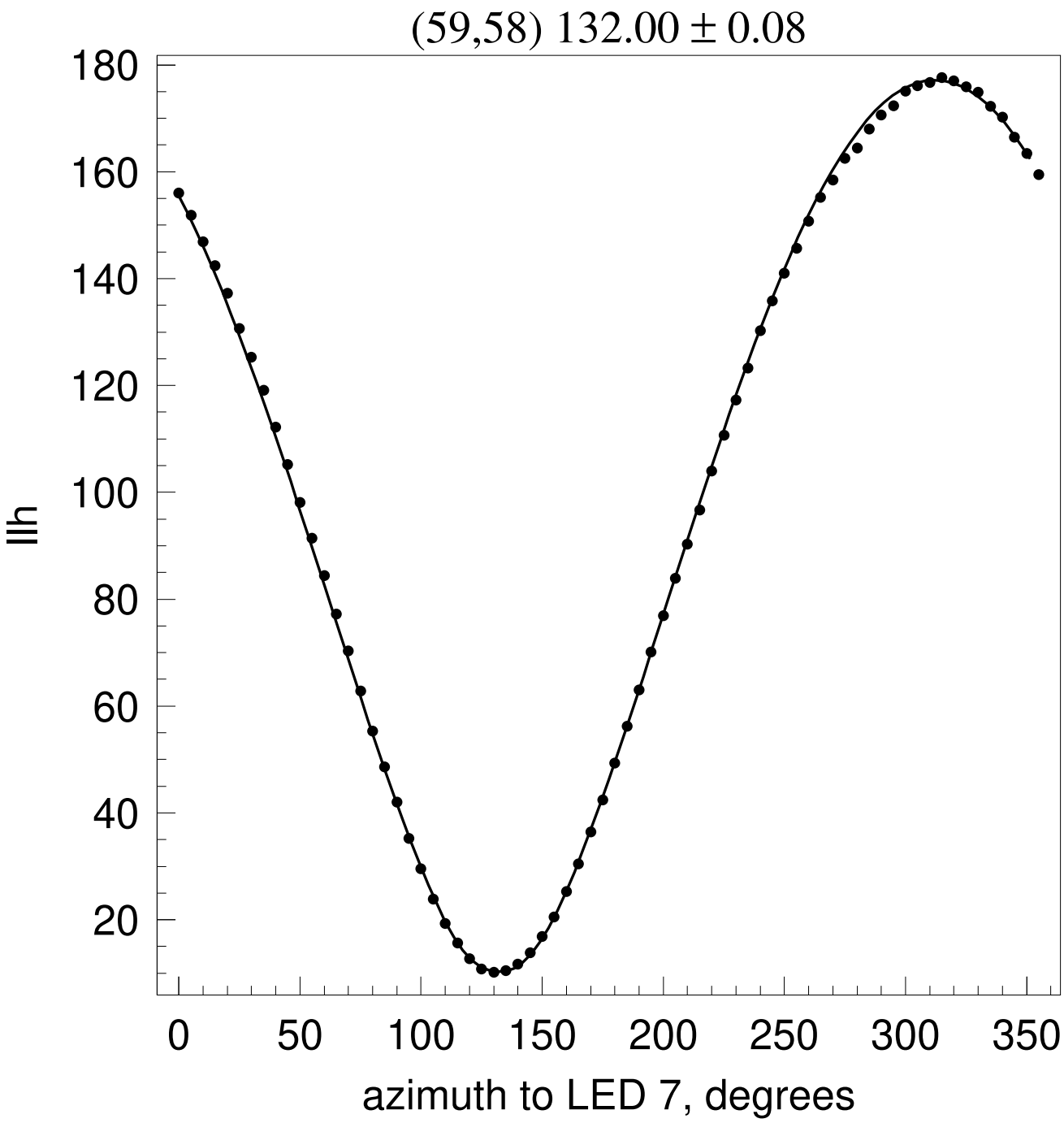

(59,53) 348.83 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

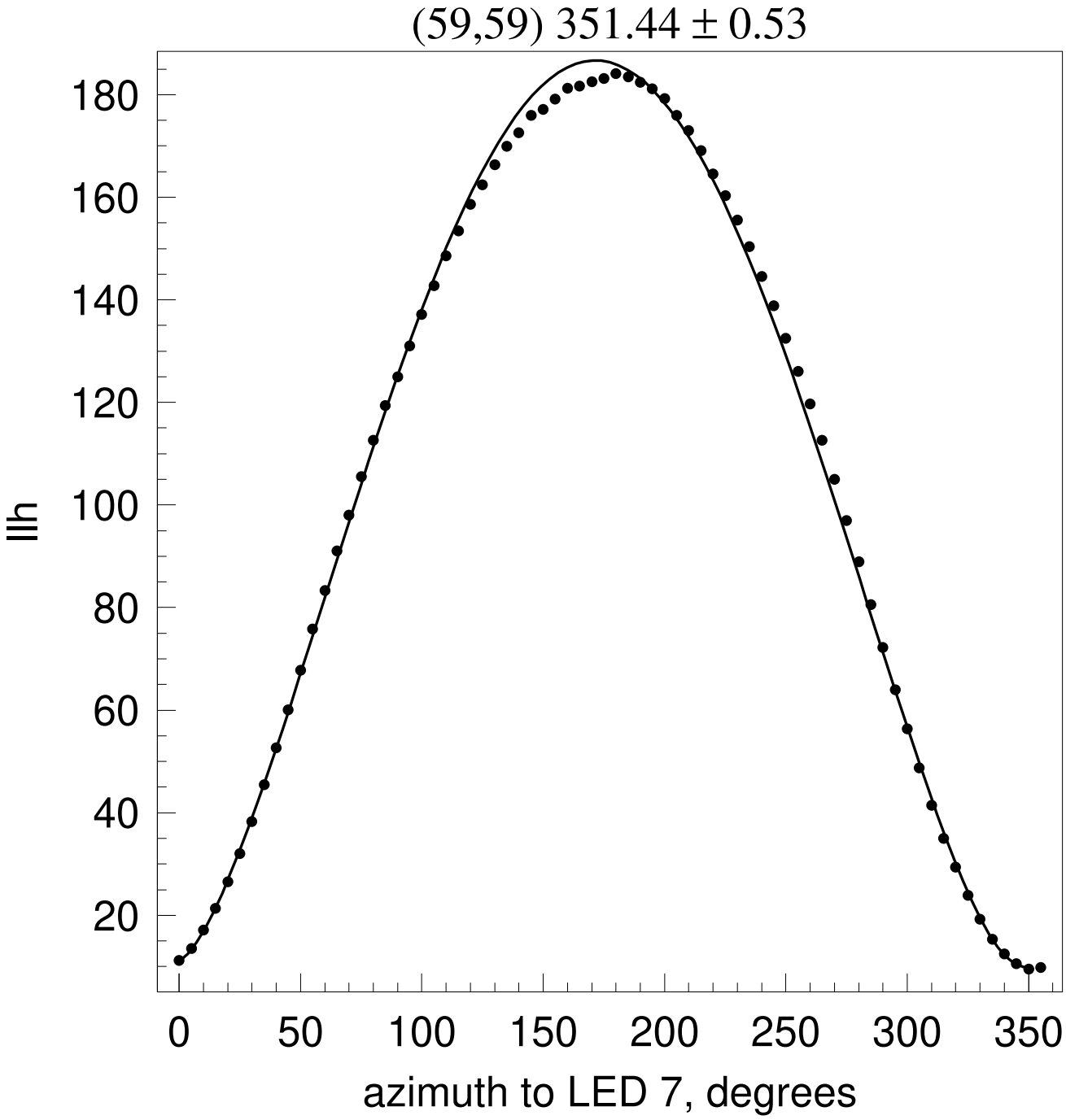

(59,54) 278.53 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

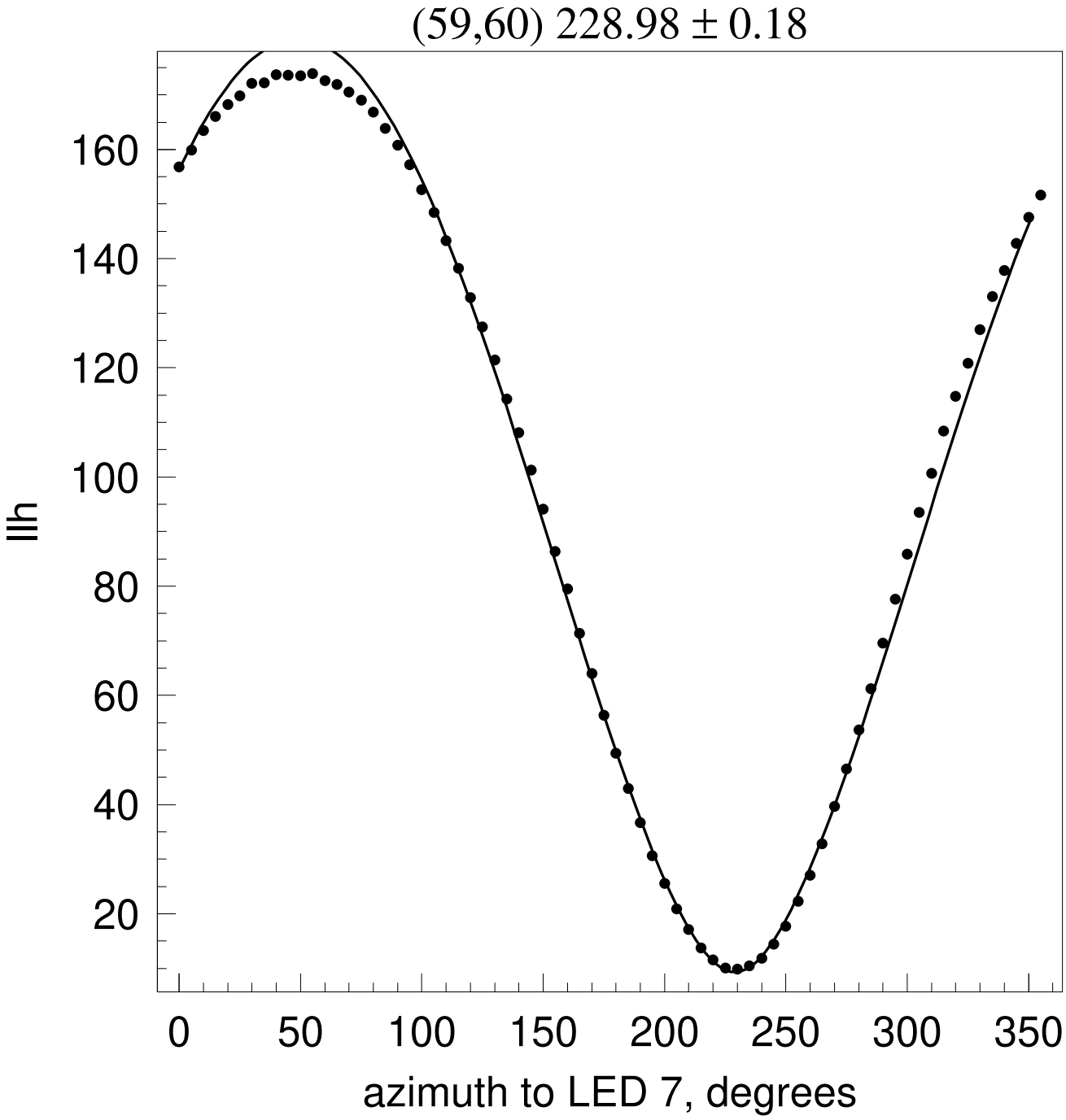

(59,55) 229.21 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

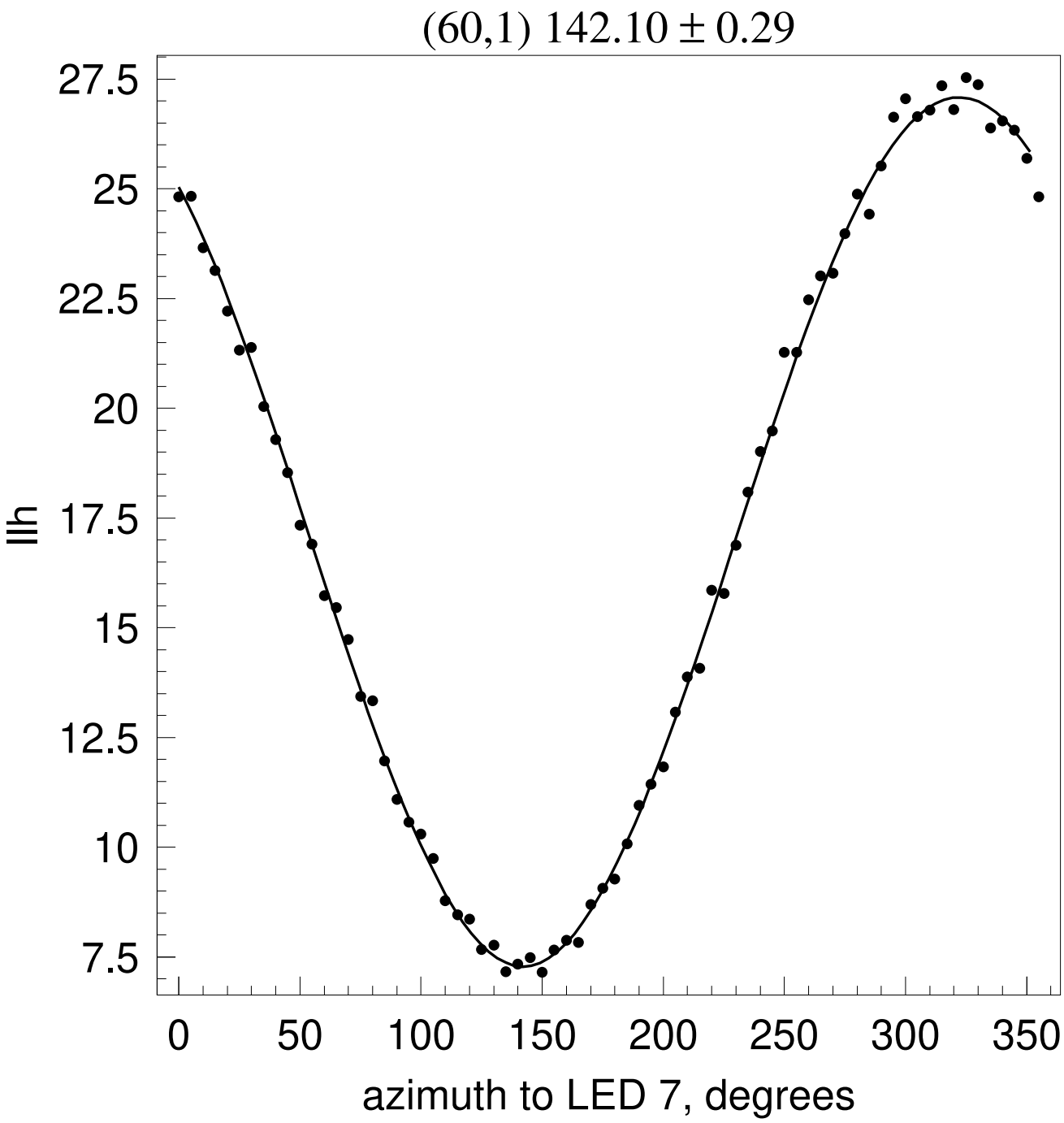

(59,56) 300.46 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

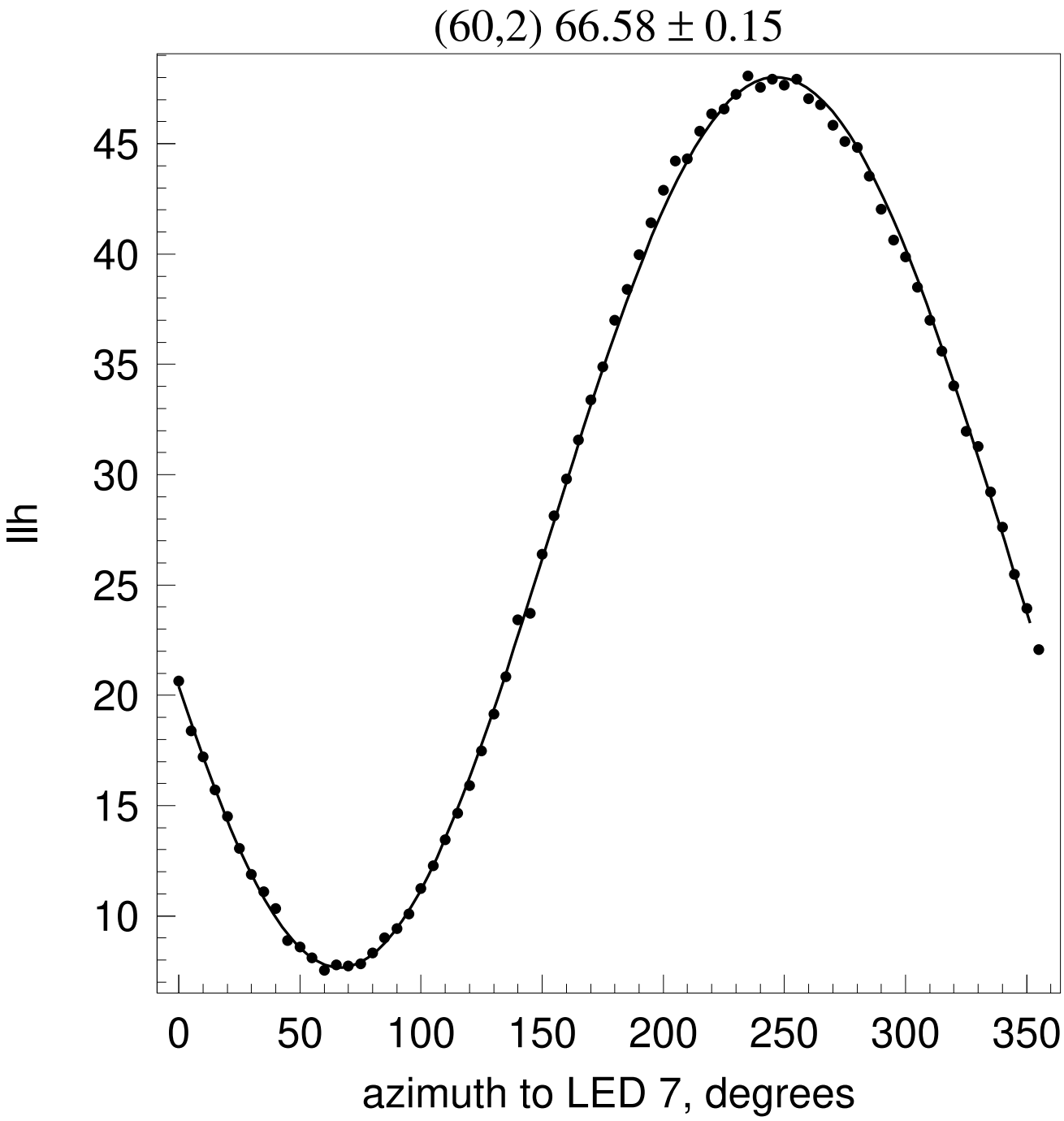

(59,57) 147.24 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

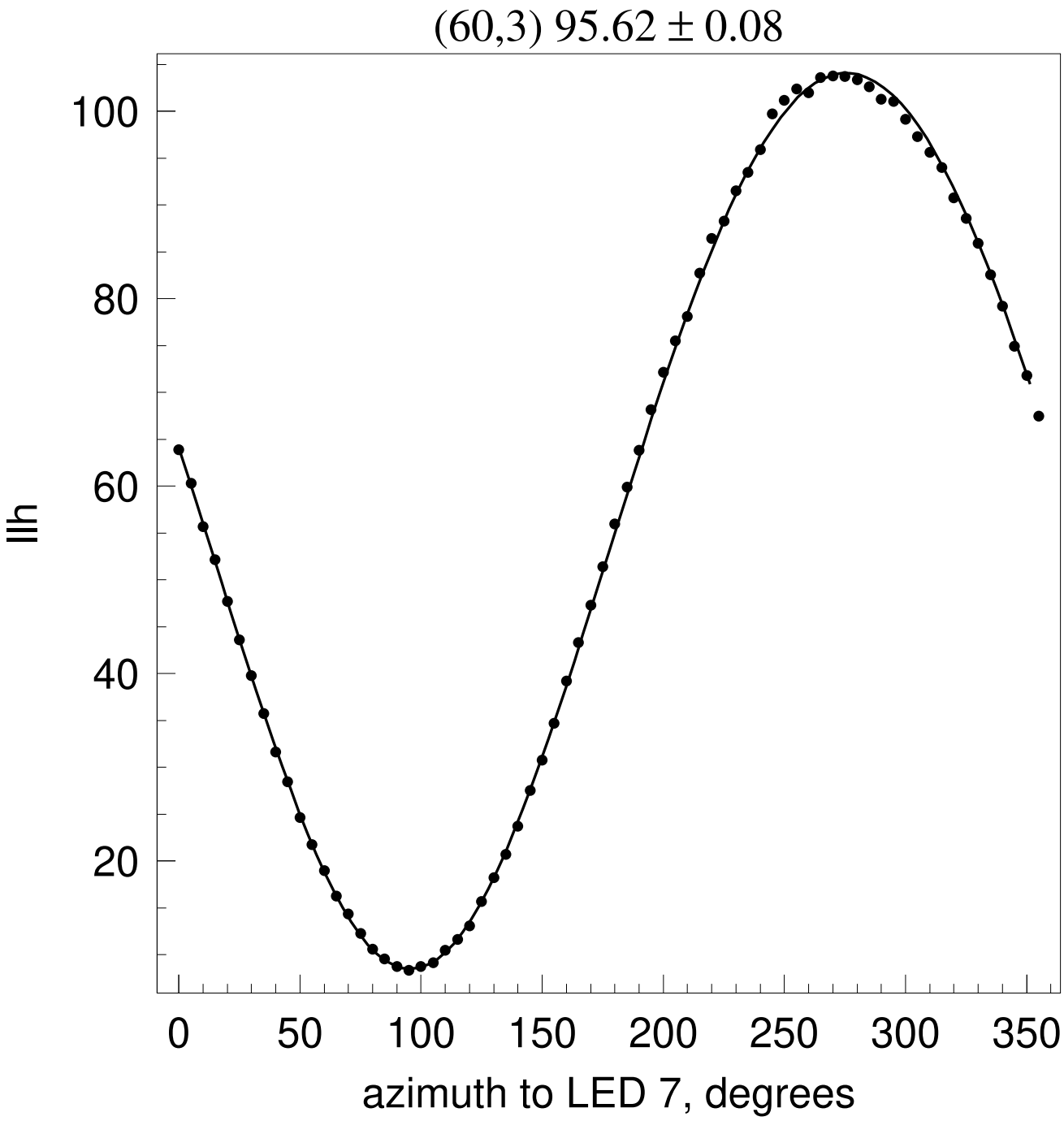

(59,58) 132.00 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

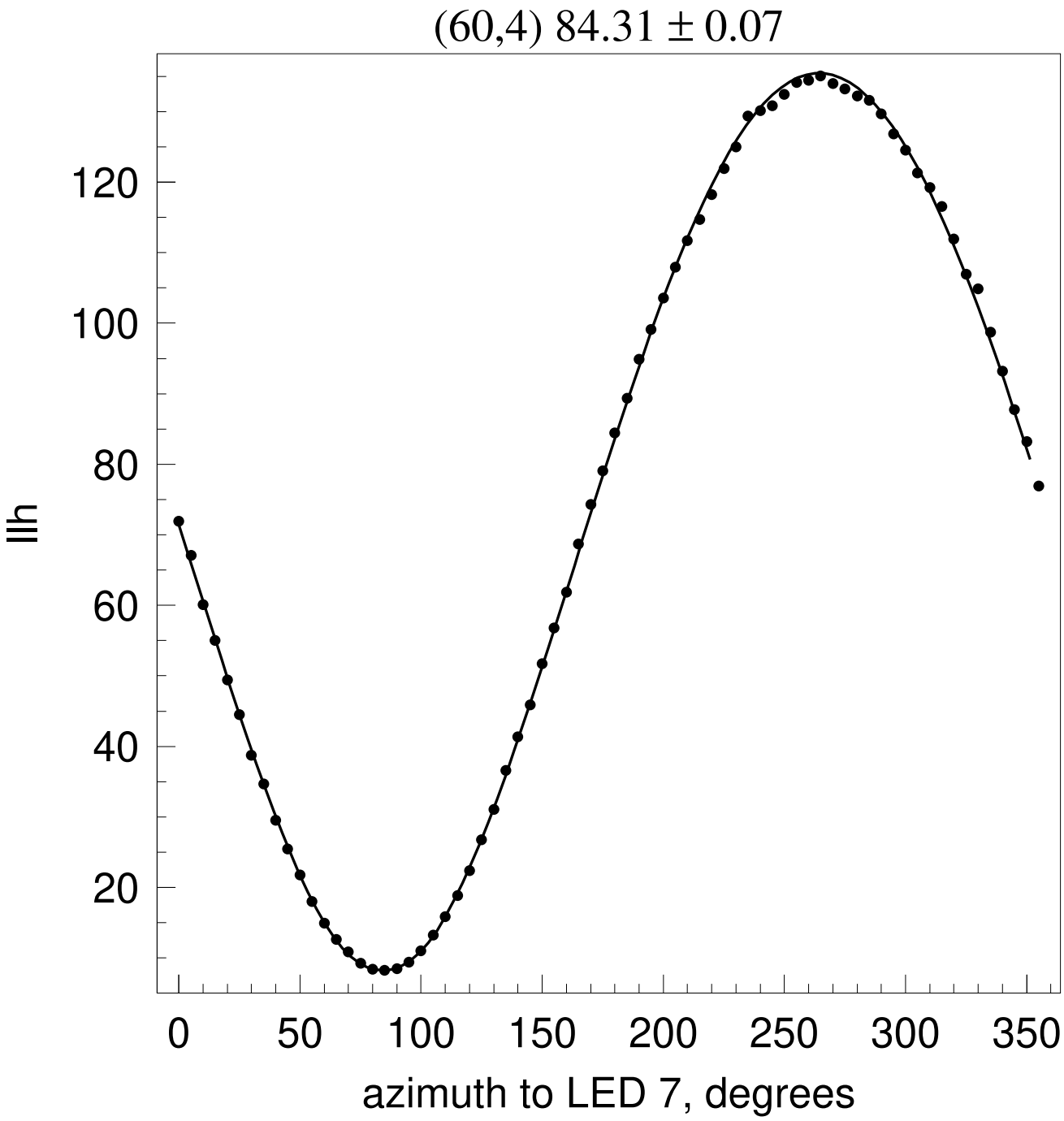

(59,59) 351.44 ± 0.53
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

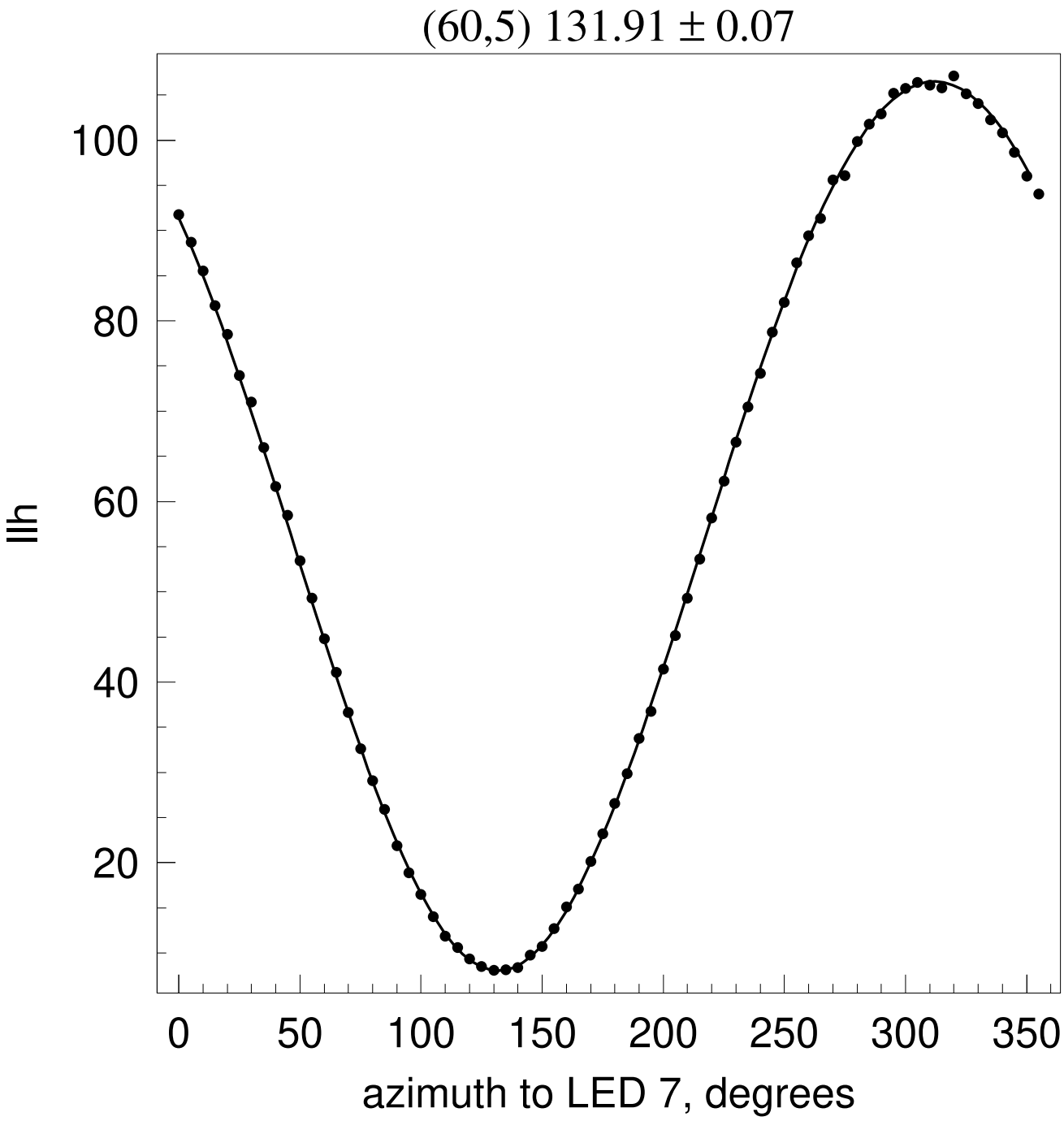

(59,60) 228.98 ± 0.18
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

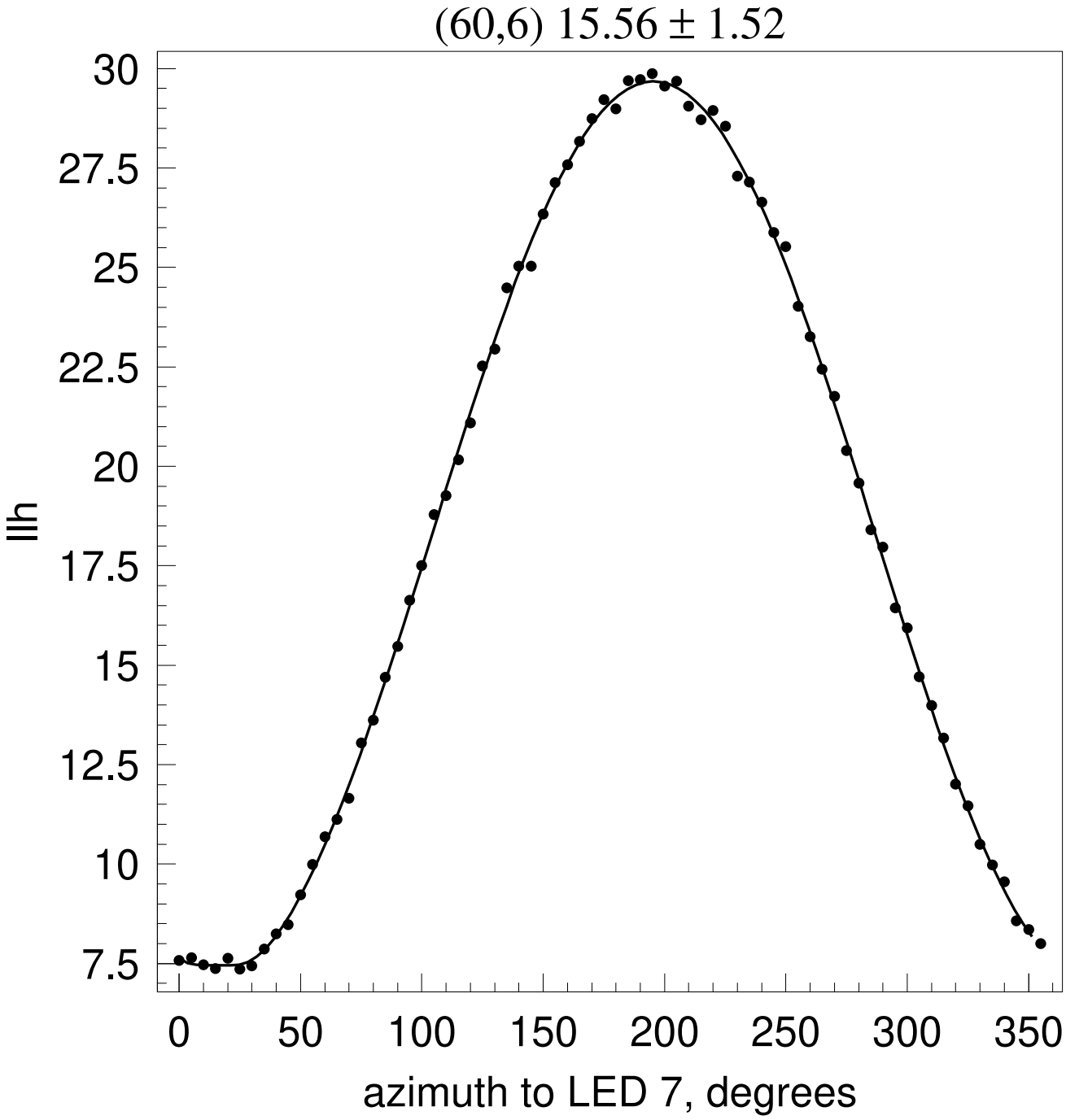

(60,1) 142.10 ± 0.29
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

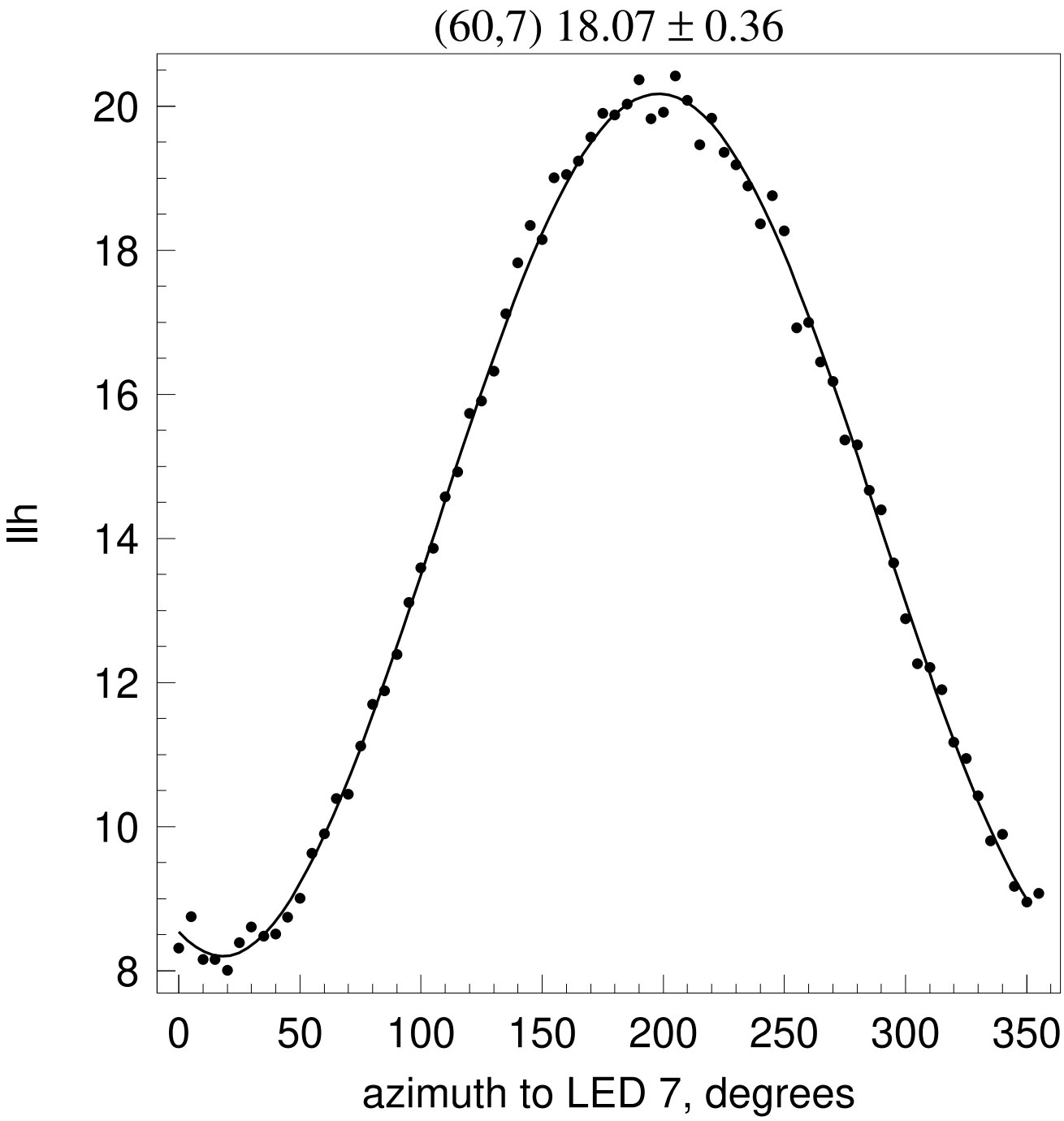

(60,2) 66.58 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

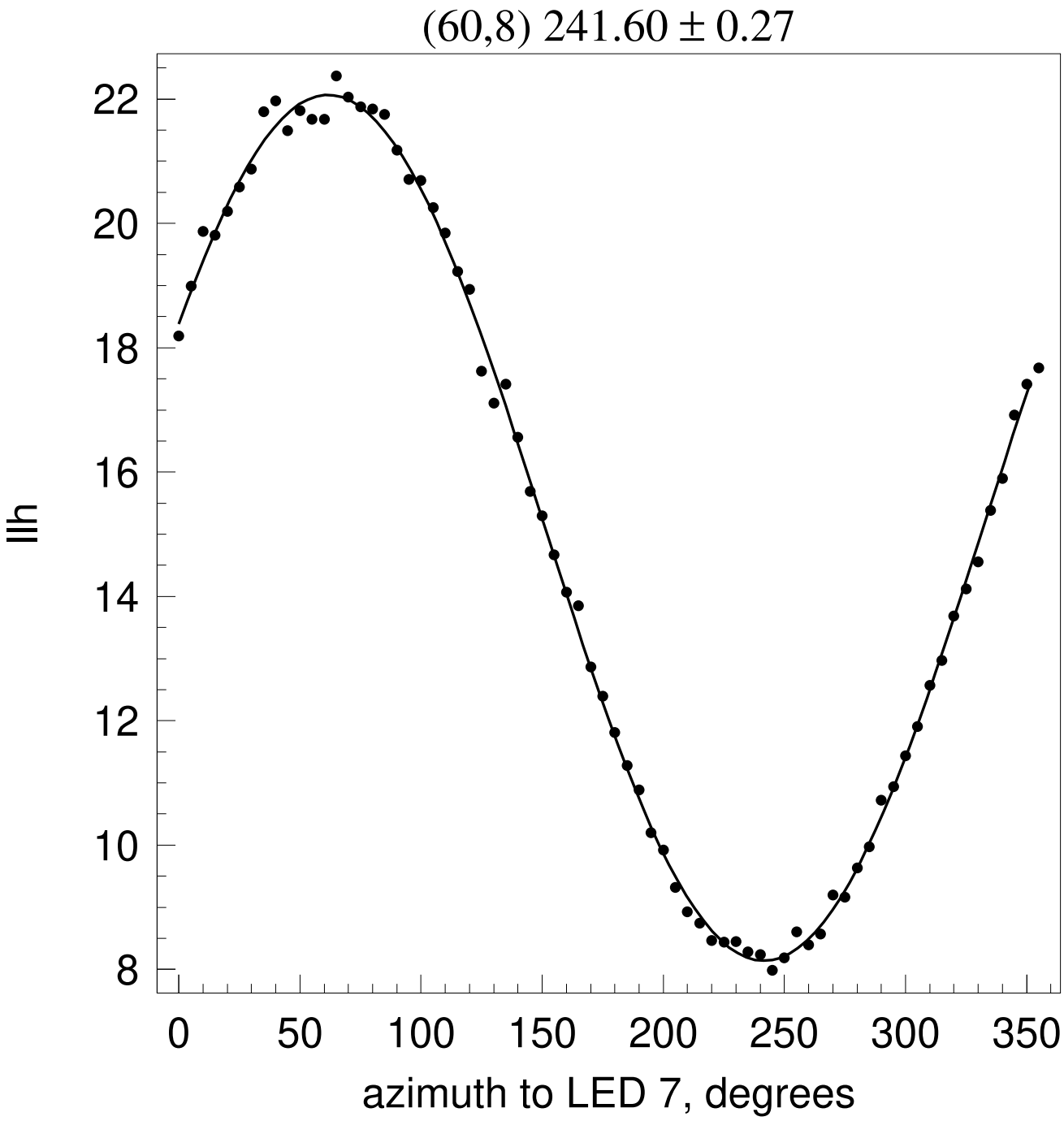

(60,3) 95.62 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

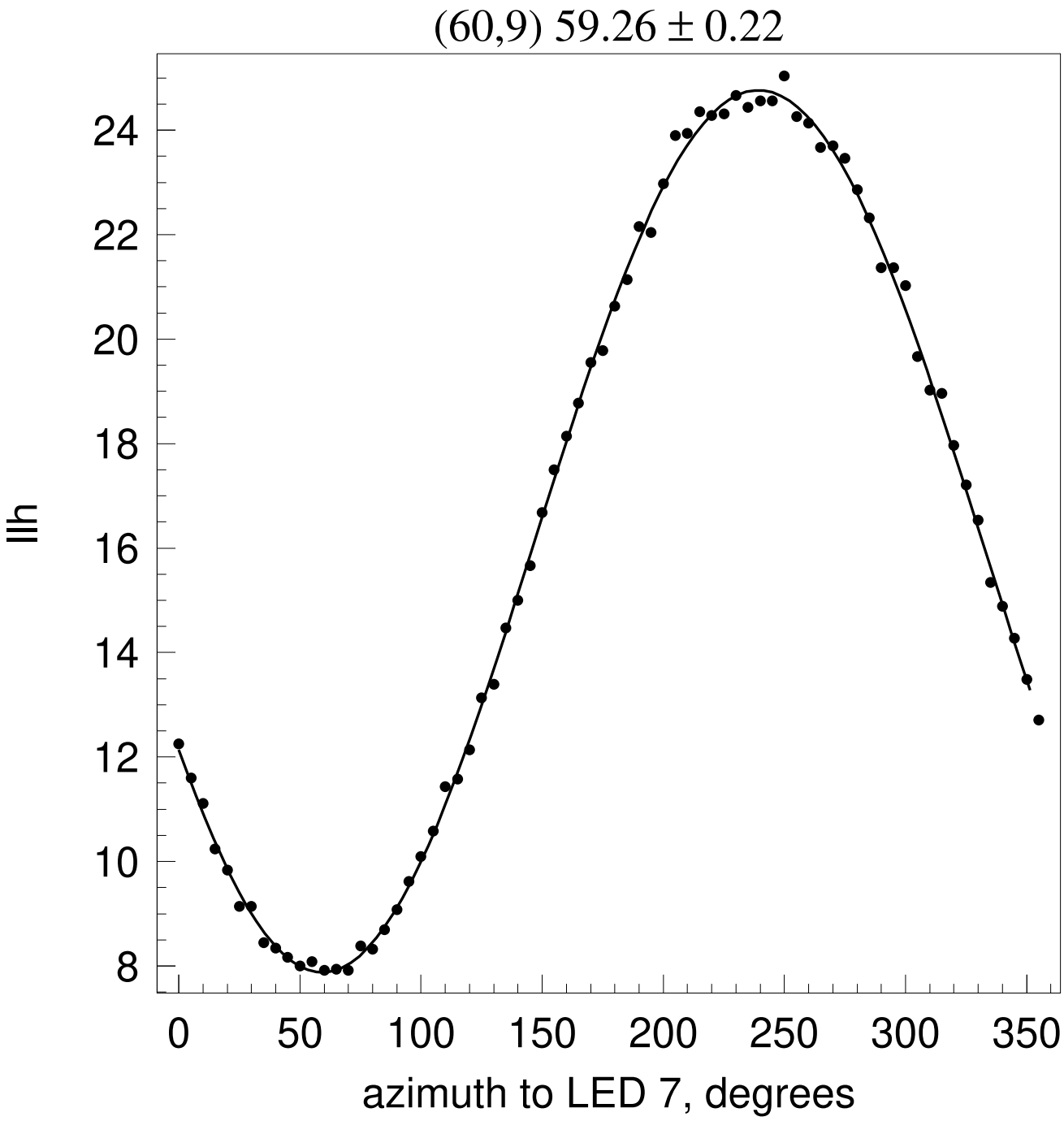

(60,4) 84.31 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

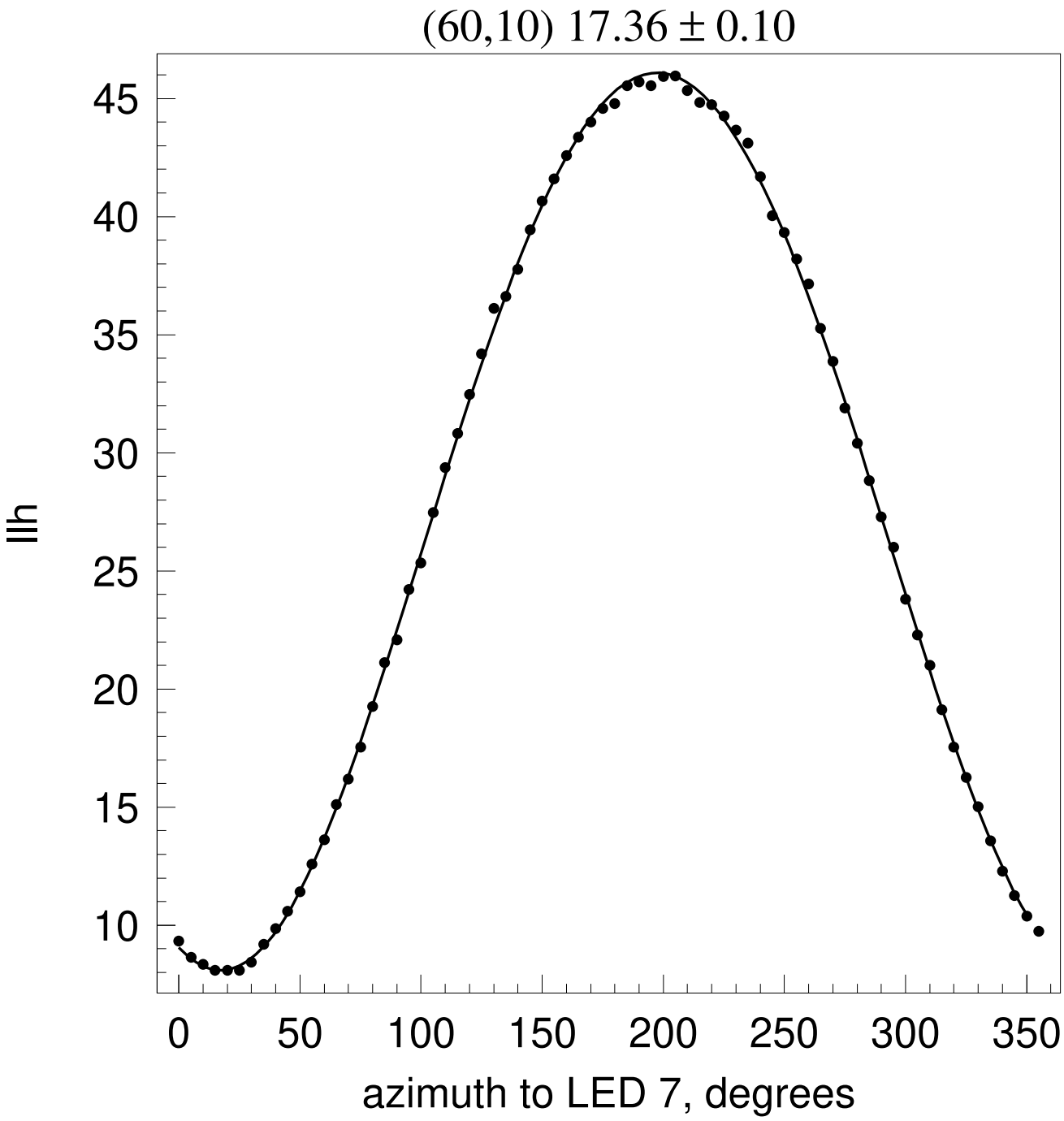

(60,5) 131.91 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

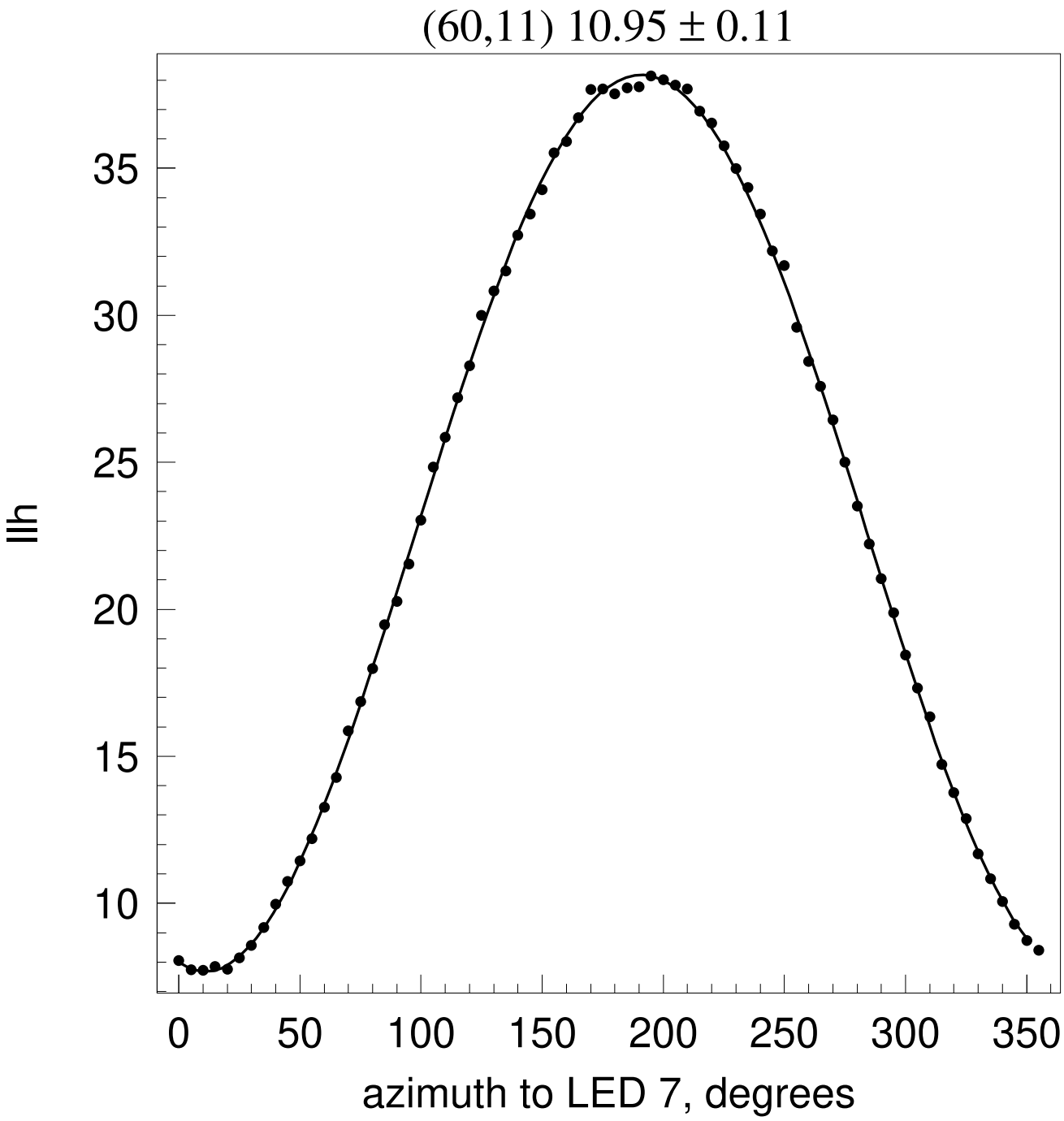

(60,6) 15.56 ± 1.52
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

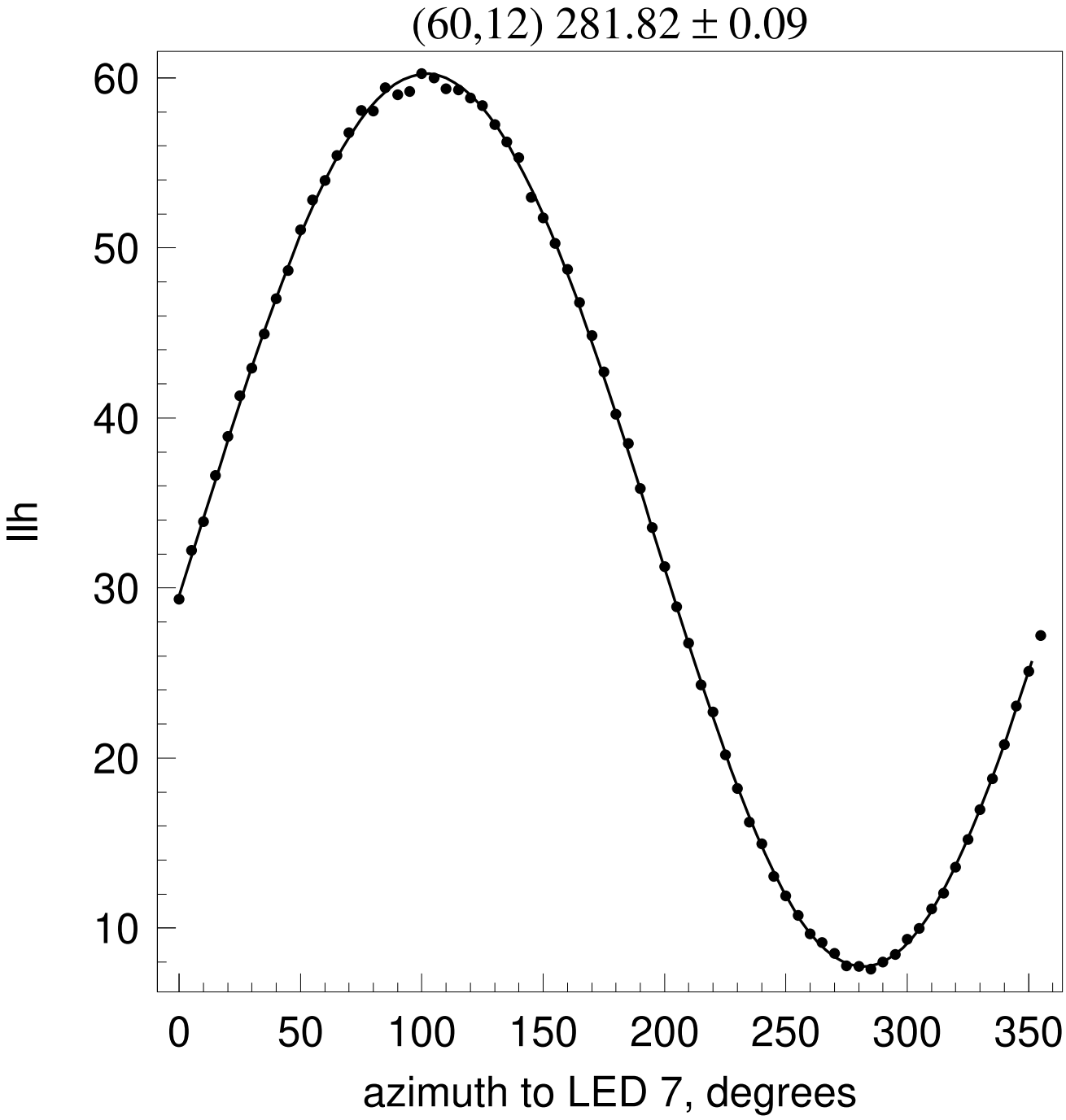

(60,7) 18.07 ± 0.36
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

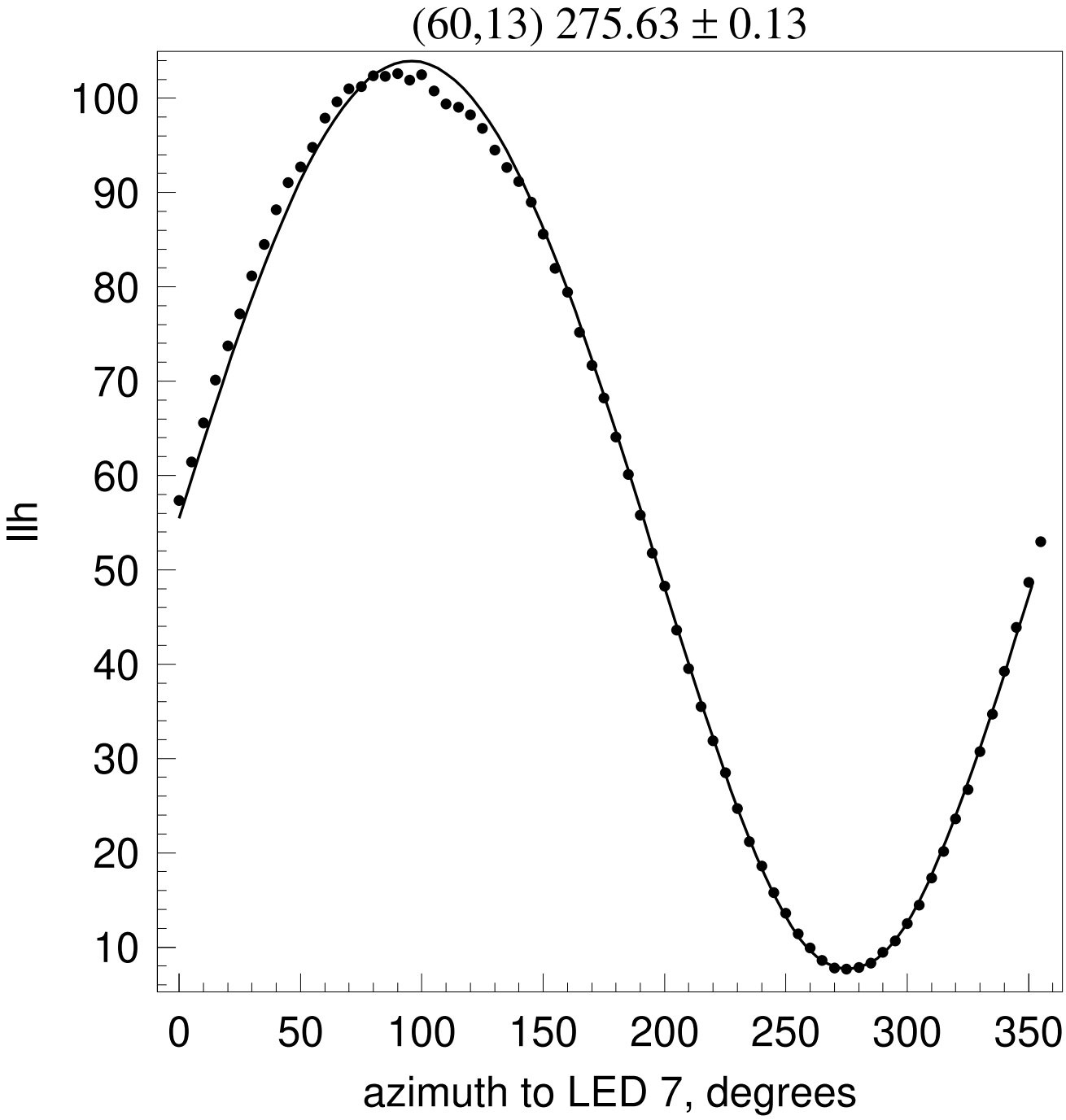

(60,8) 241.60 ± 0.27
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

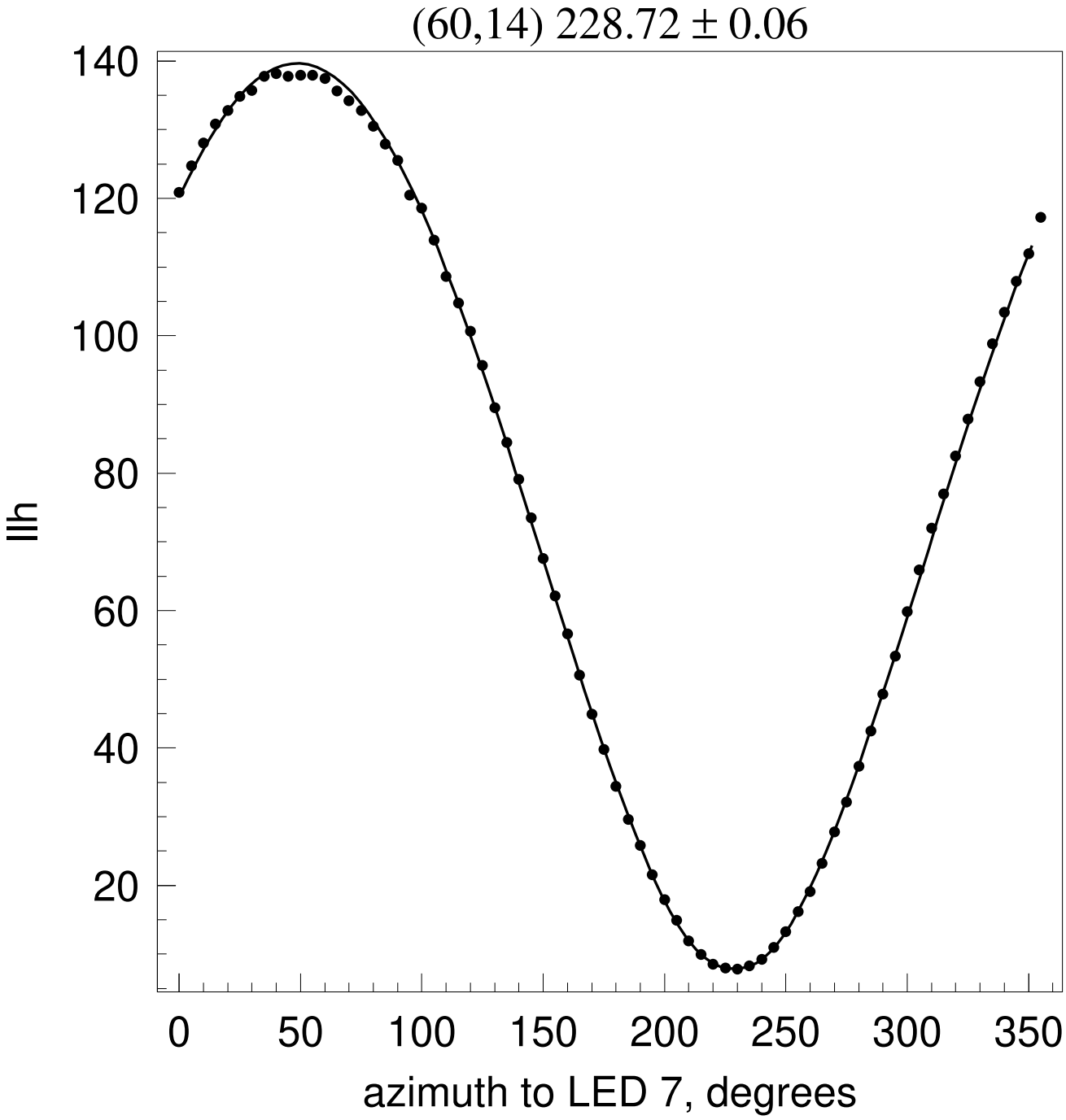

(60,9) 59.26 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

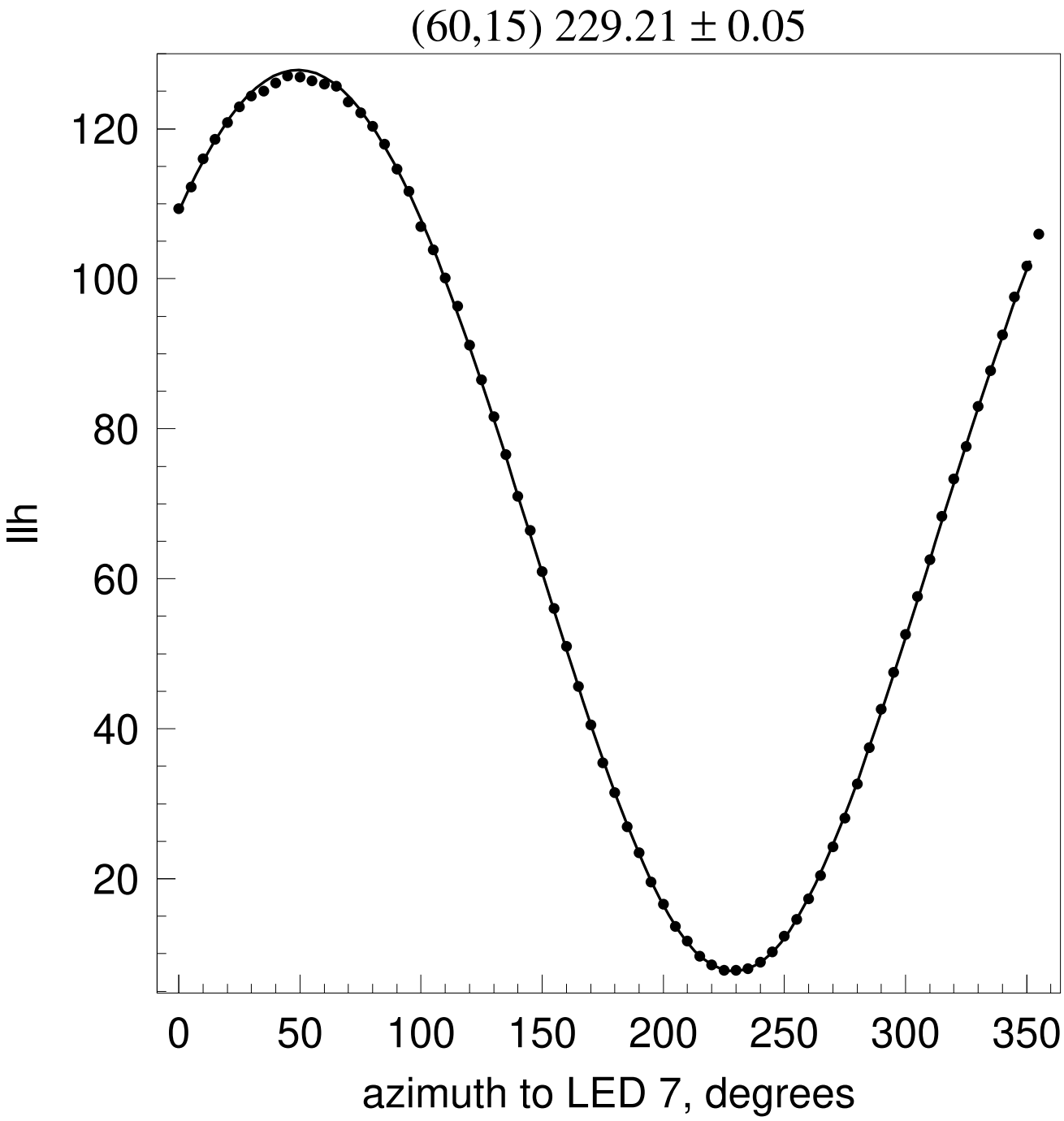

(60,10) 17.36 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

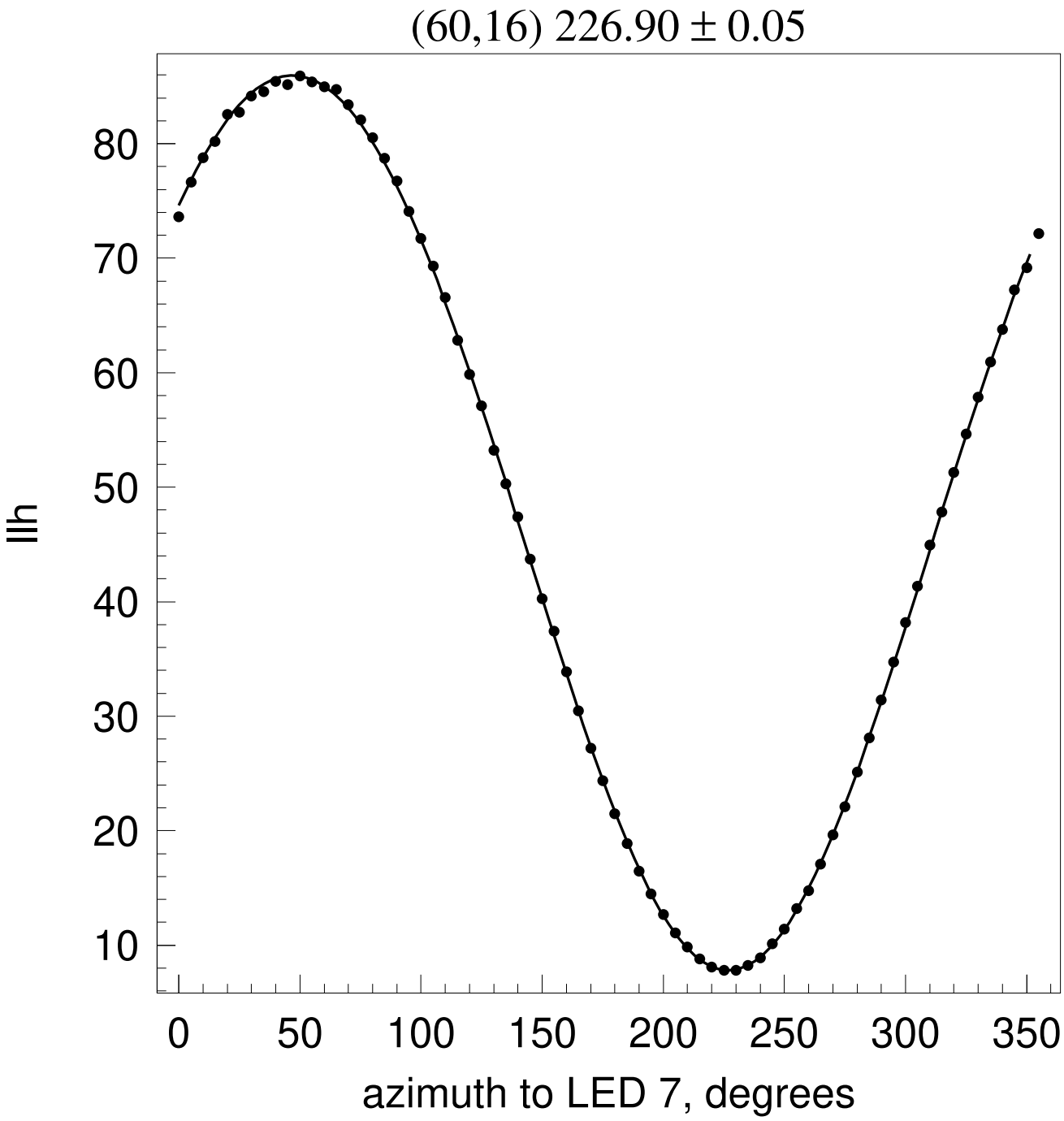

(60,11) 10.95 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

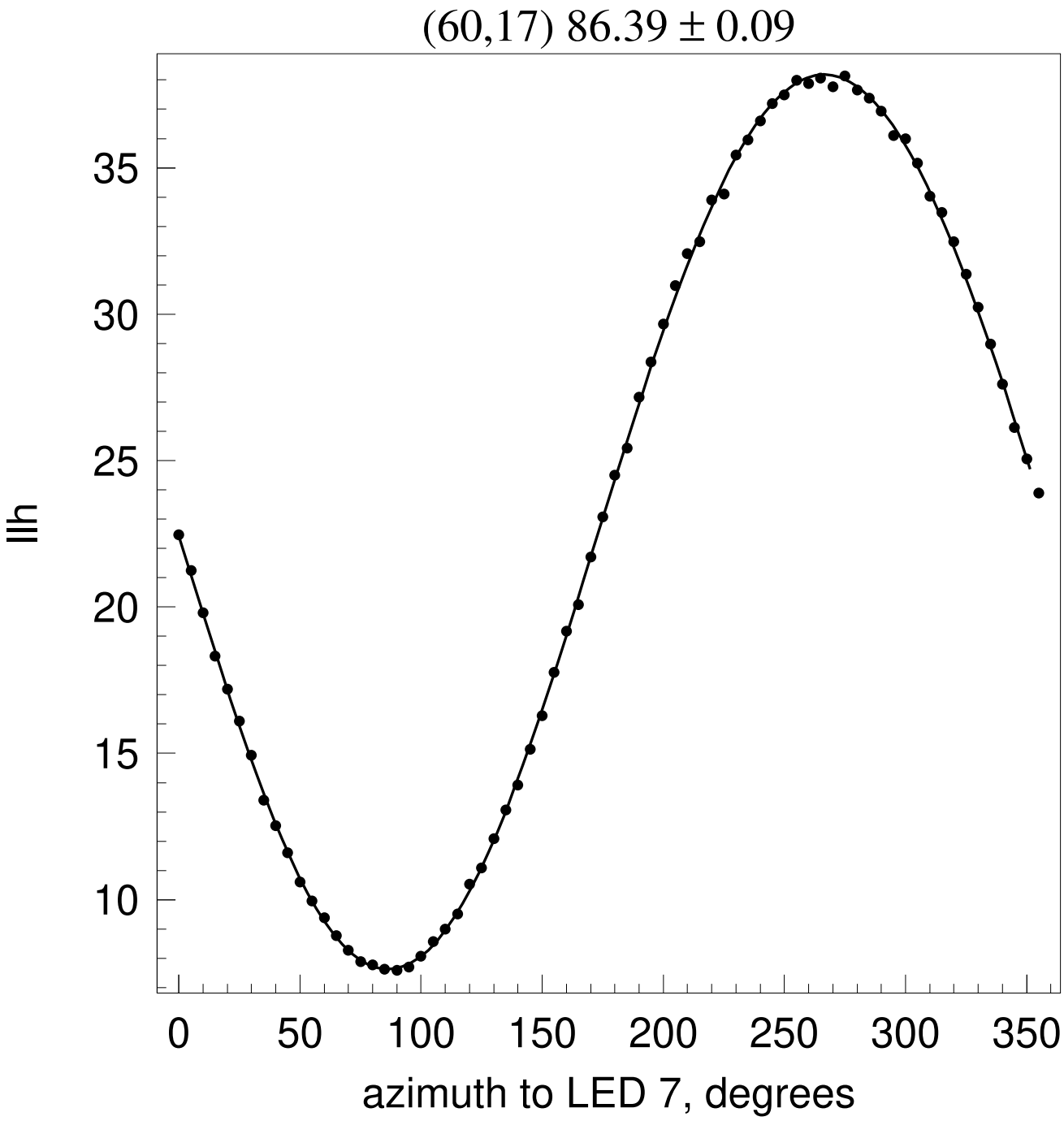

(60,12) 281.82 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

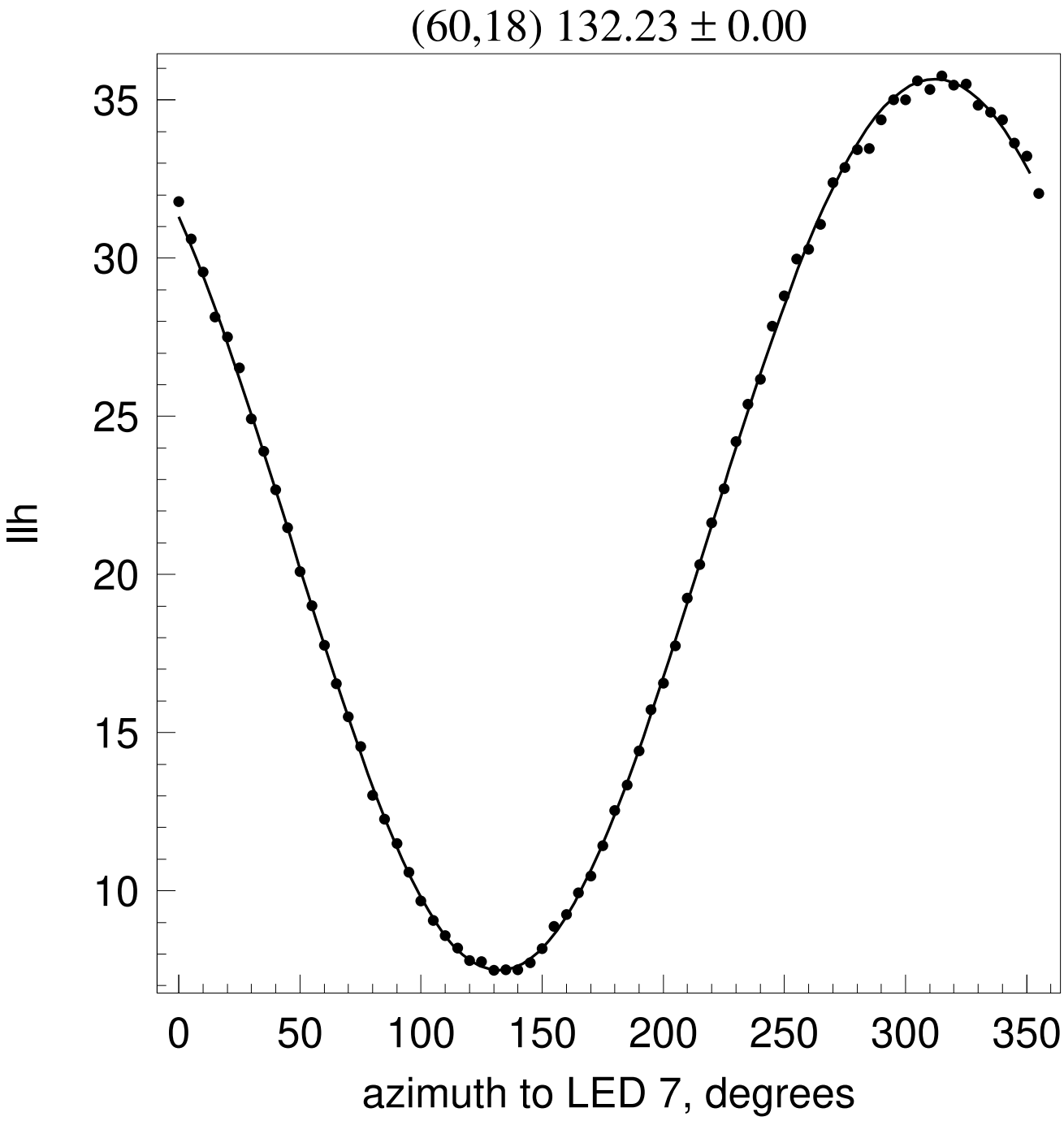

(60,13) 275.63 ± 0.13
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

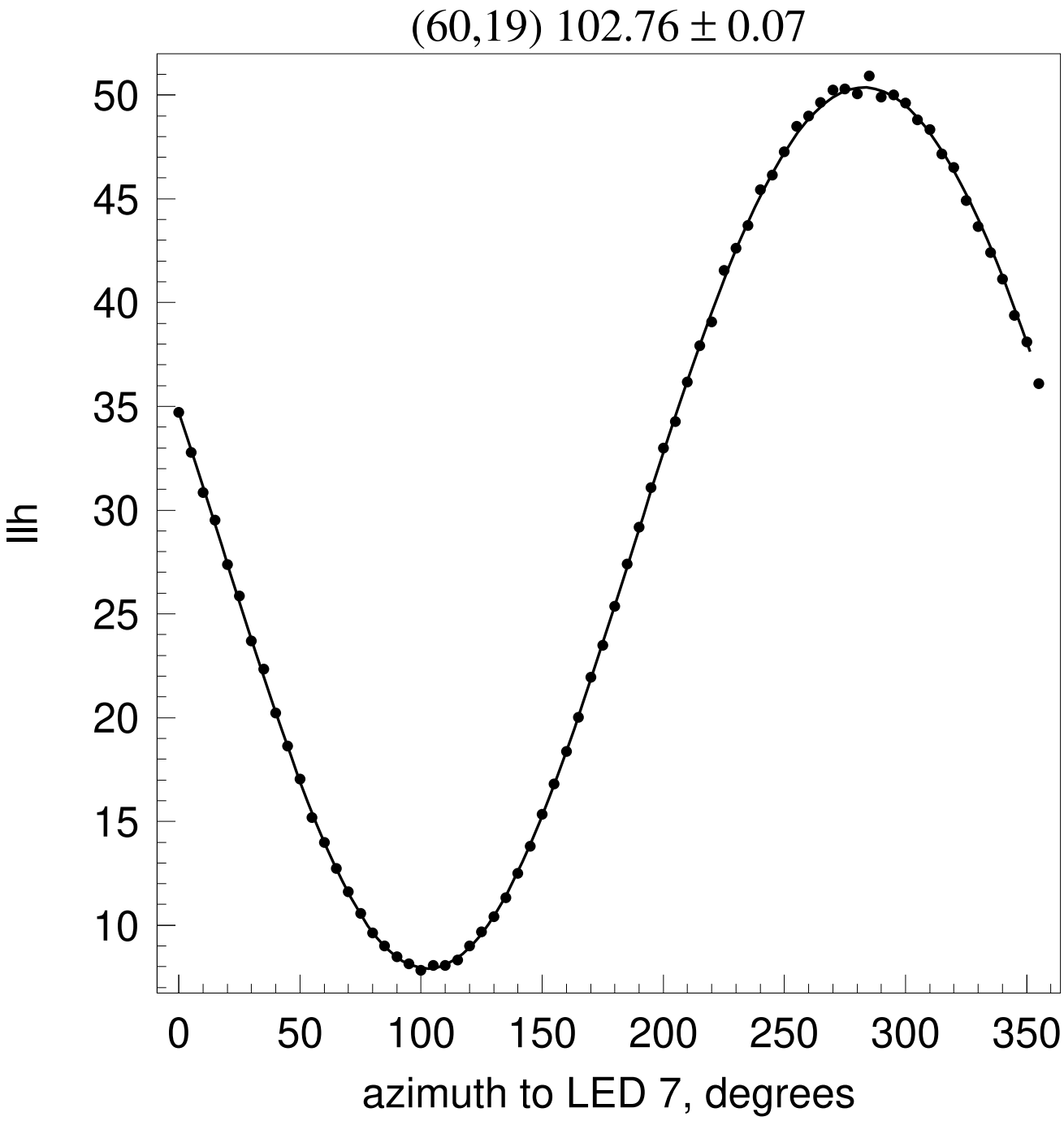

(60,14) 228.72 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

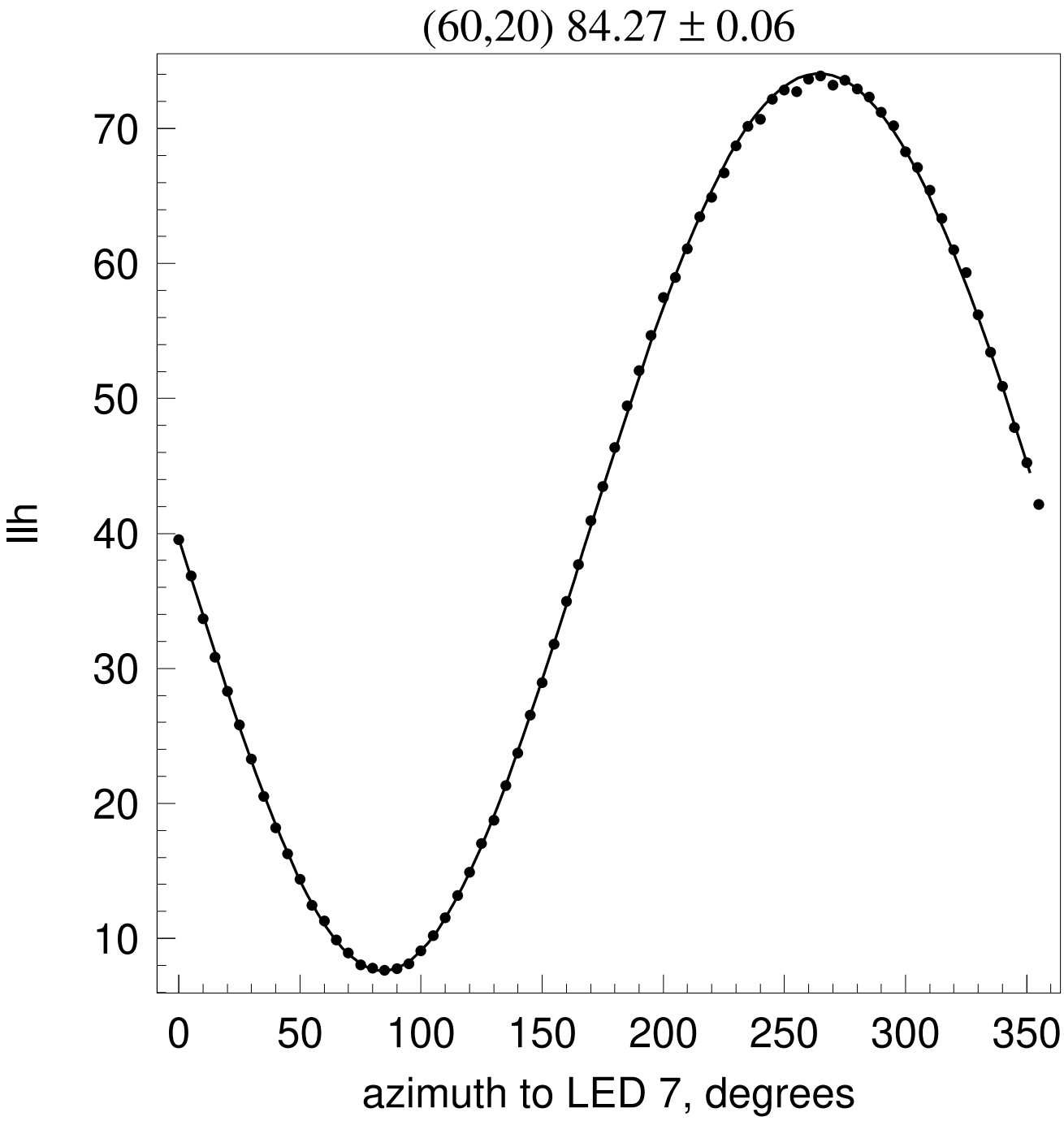

(60,15) 229.21 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

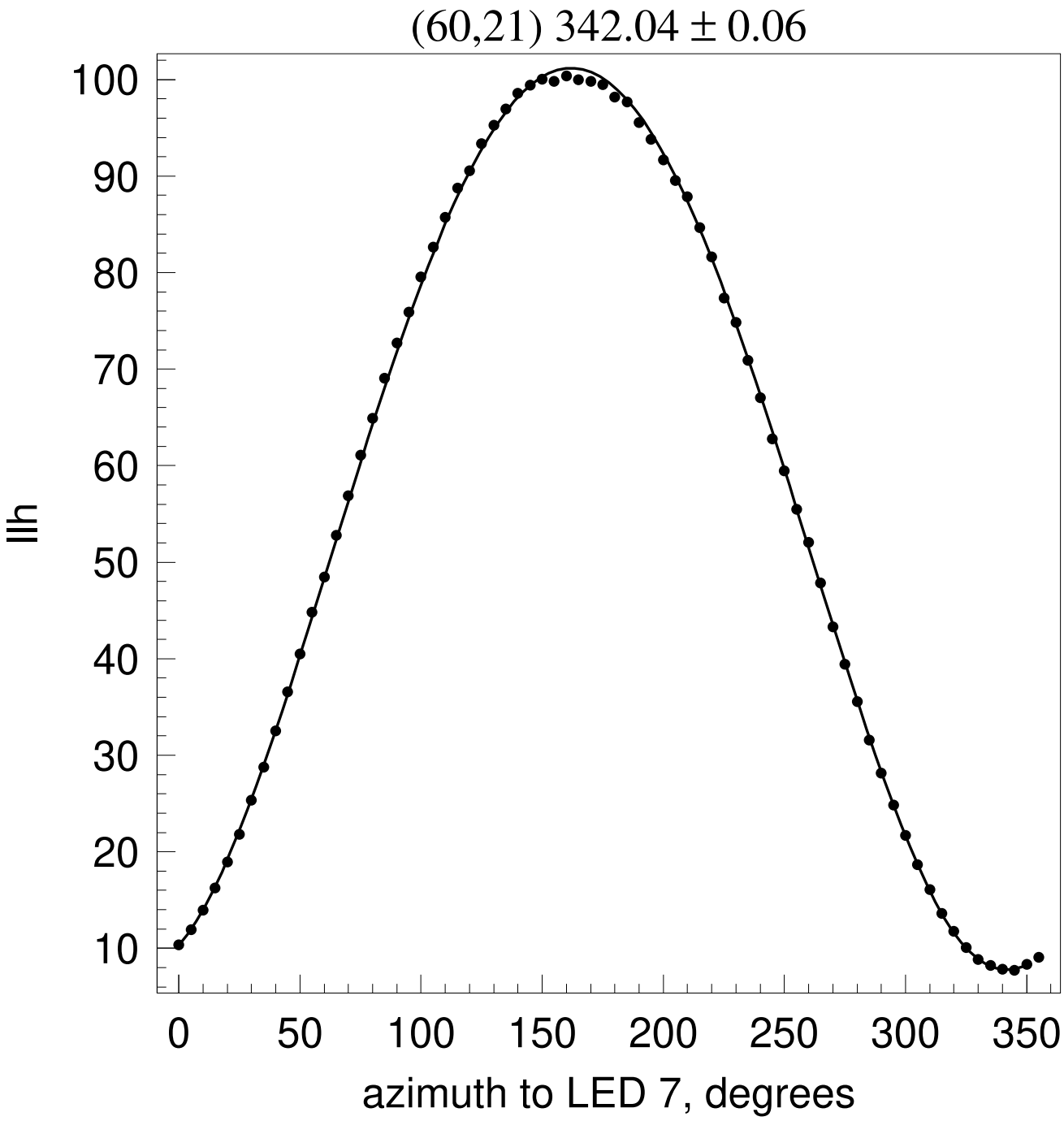

(60,16) 226.90 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

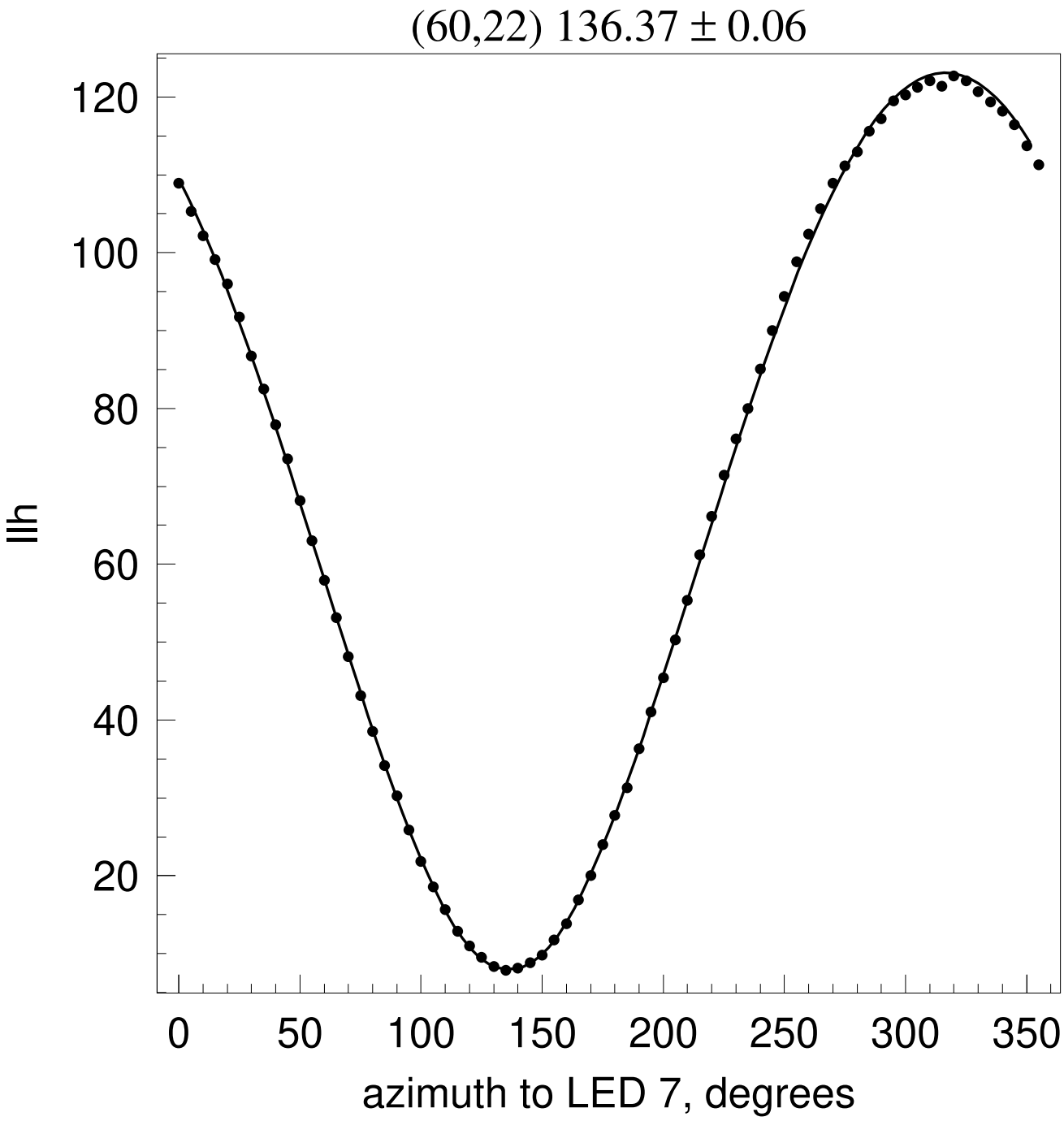

(60,17) 86.39 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

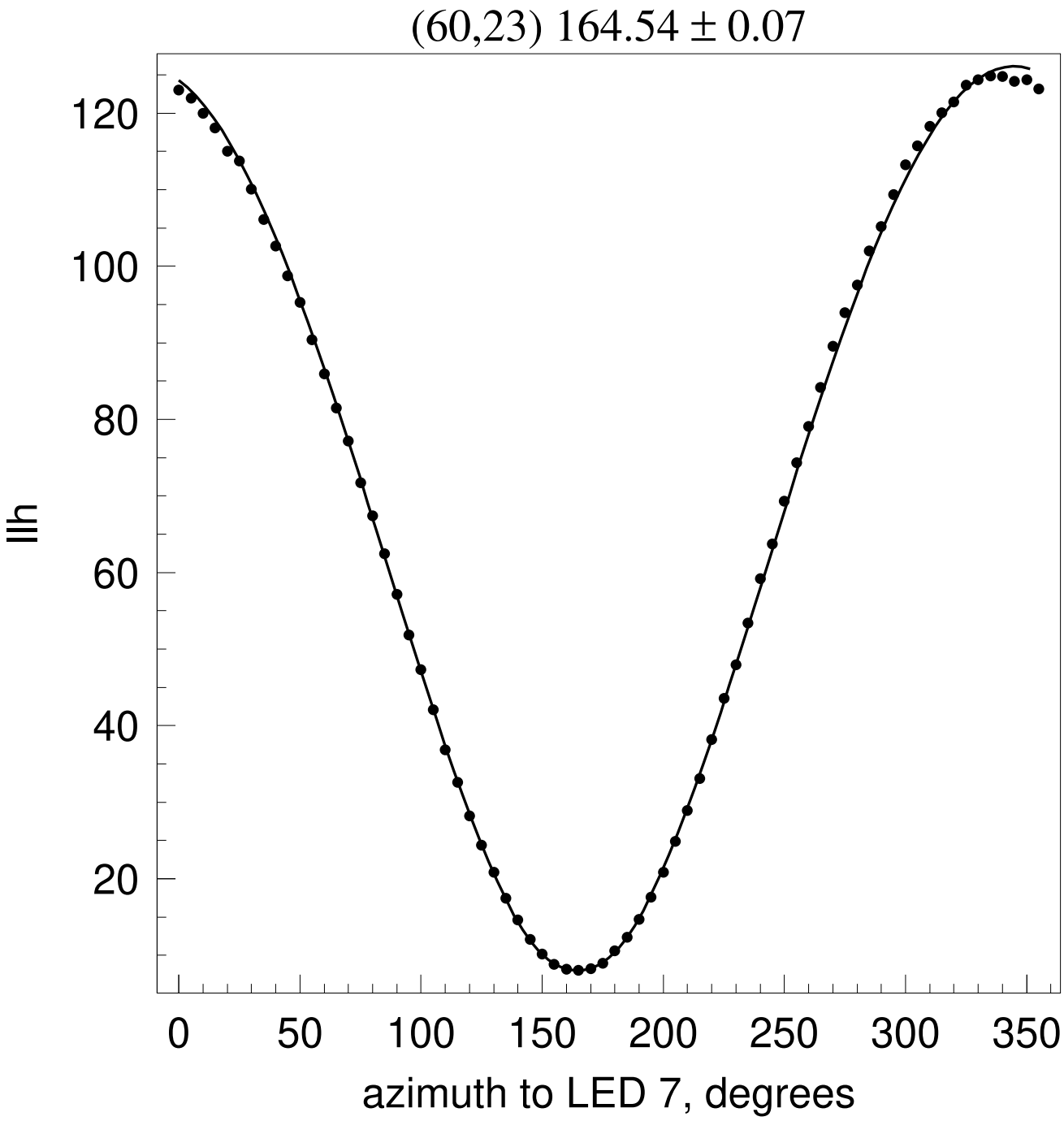

(60,18) 132.23 ± 0.00
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

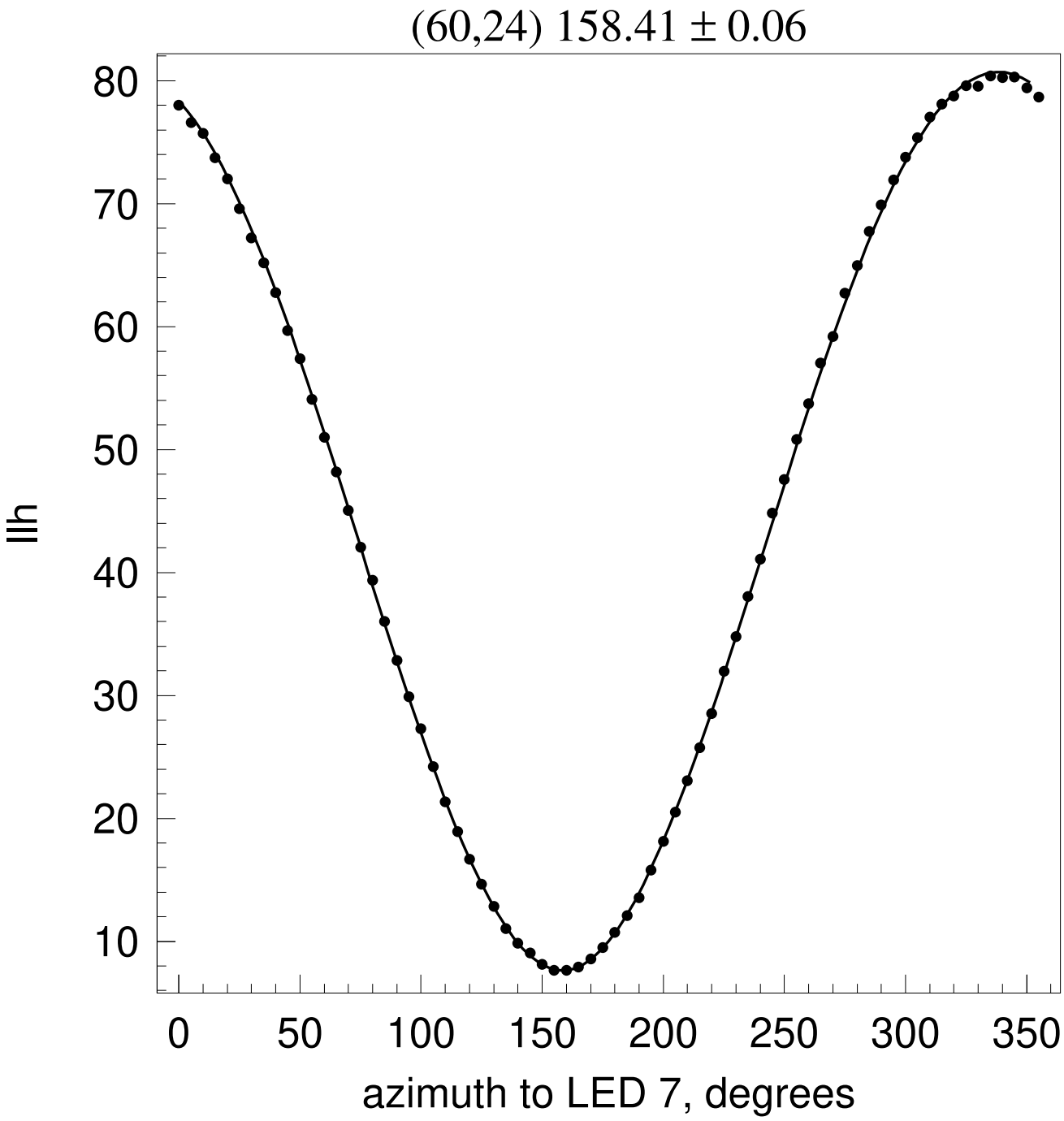

(60,19) 102.76 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

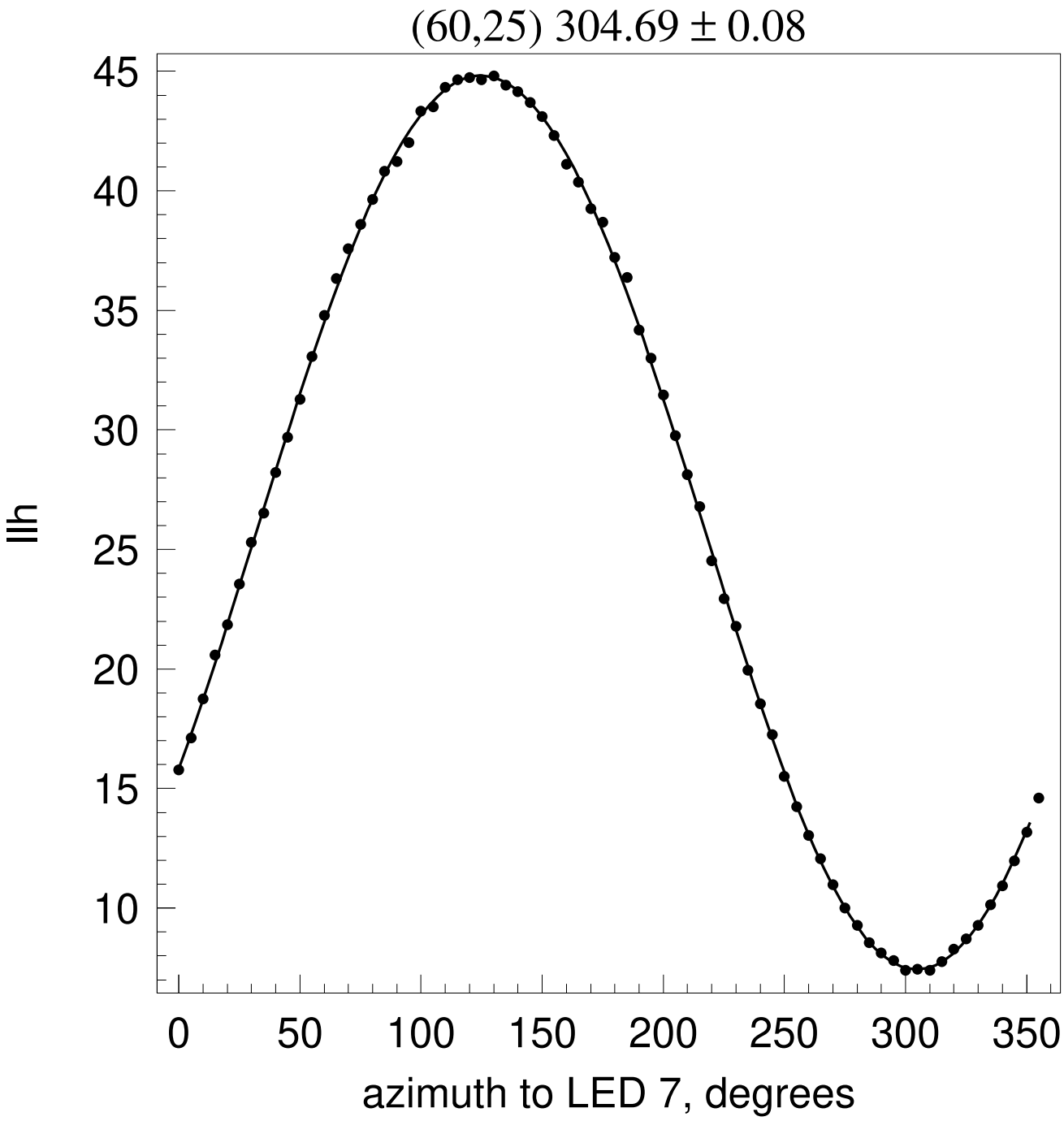

(60,20) 84.27 ± 0.06
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

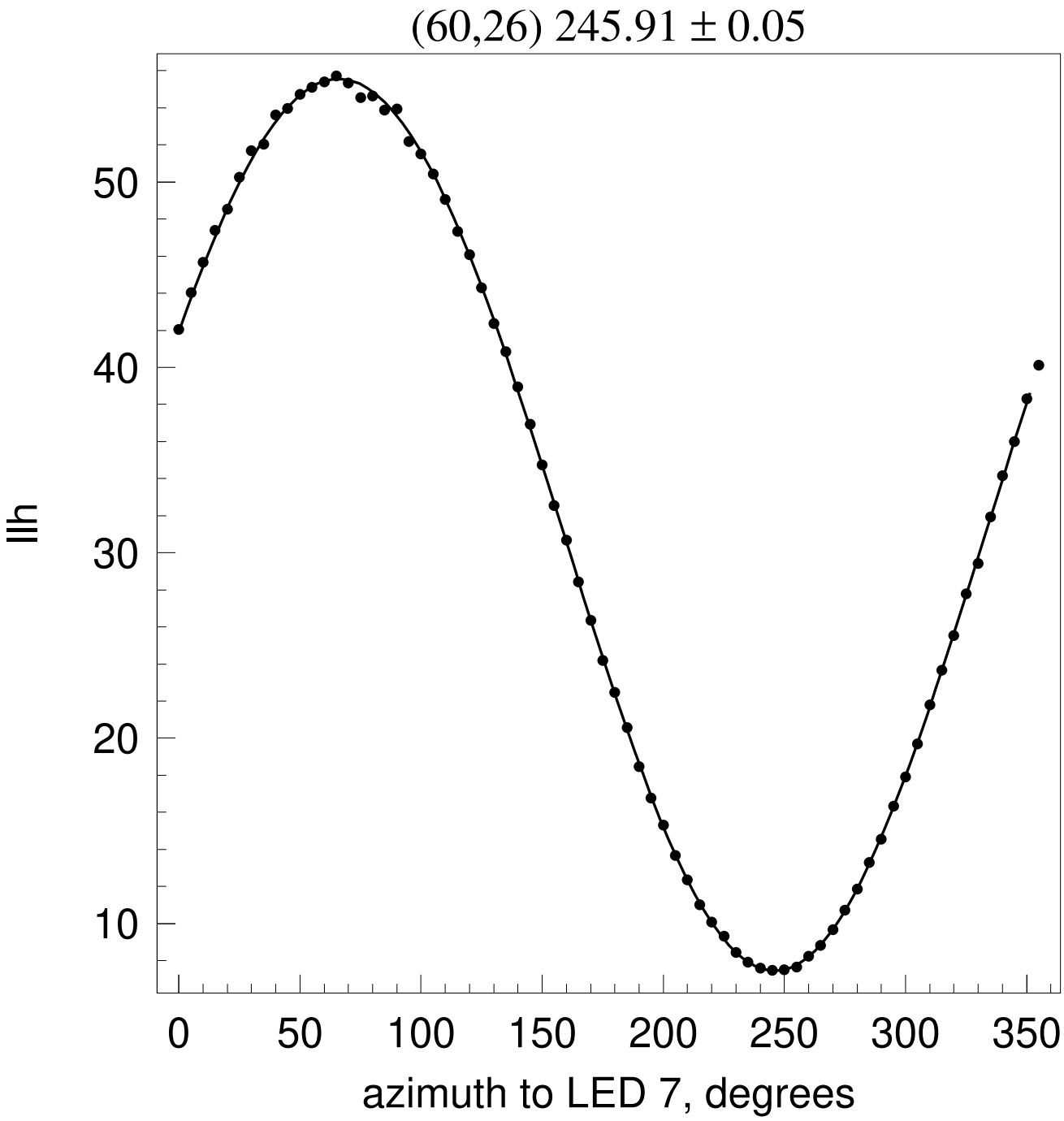

(60,21) 342.04 ± 0.06
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

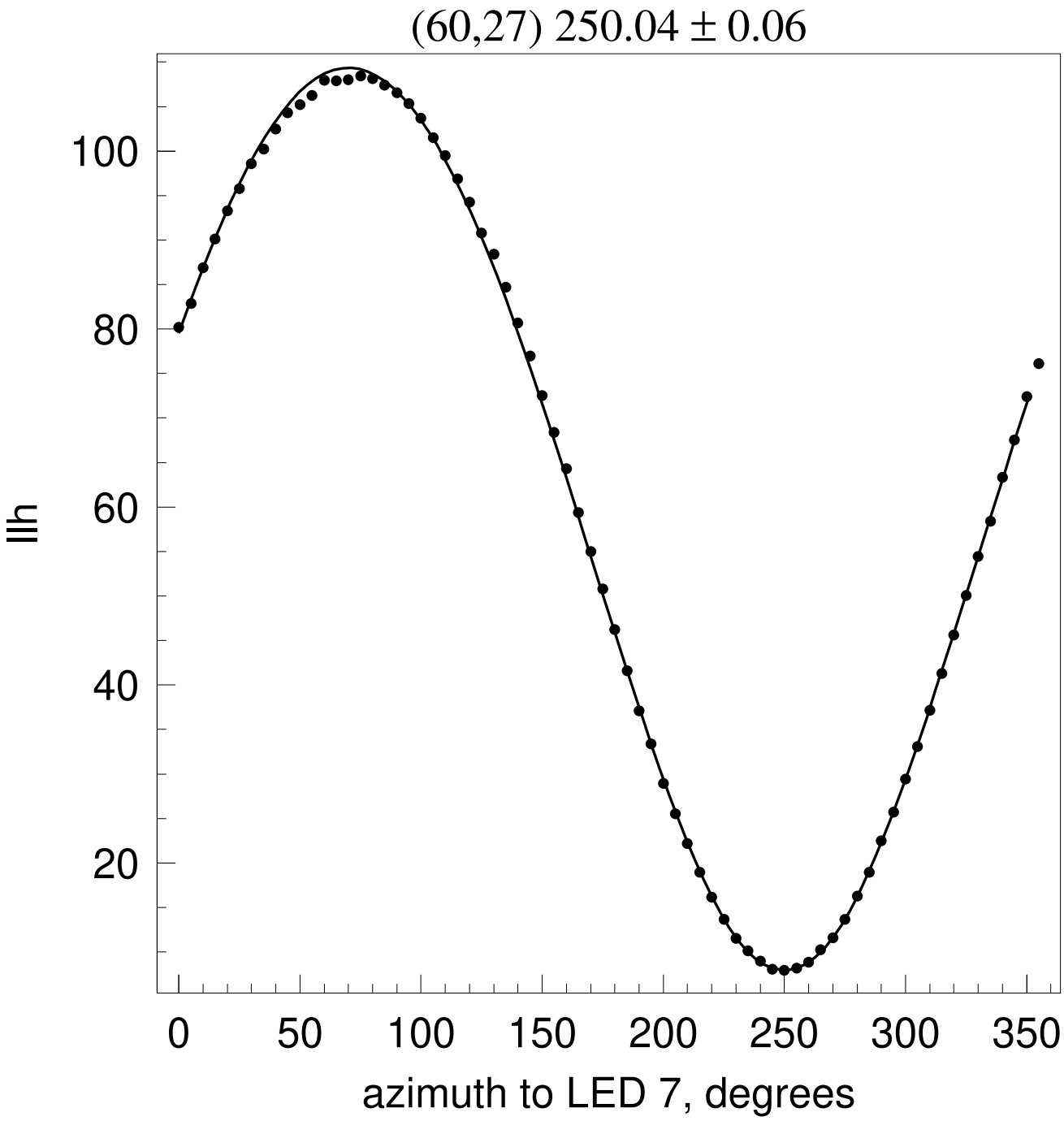

(60,22) 136.37 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

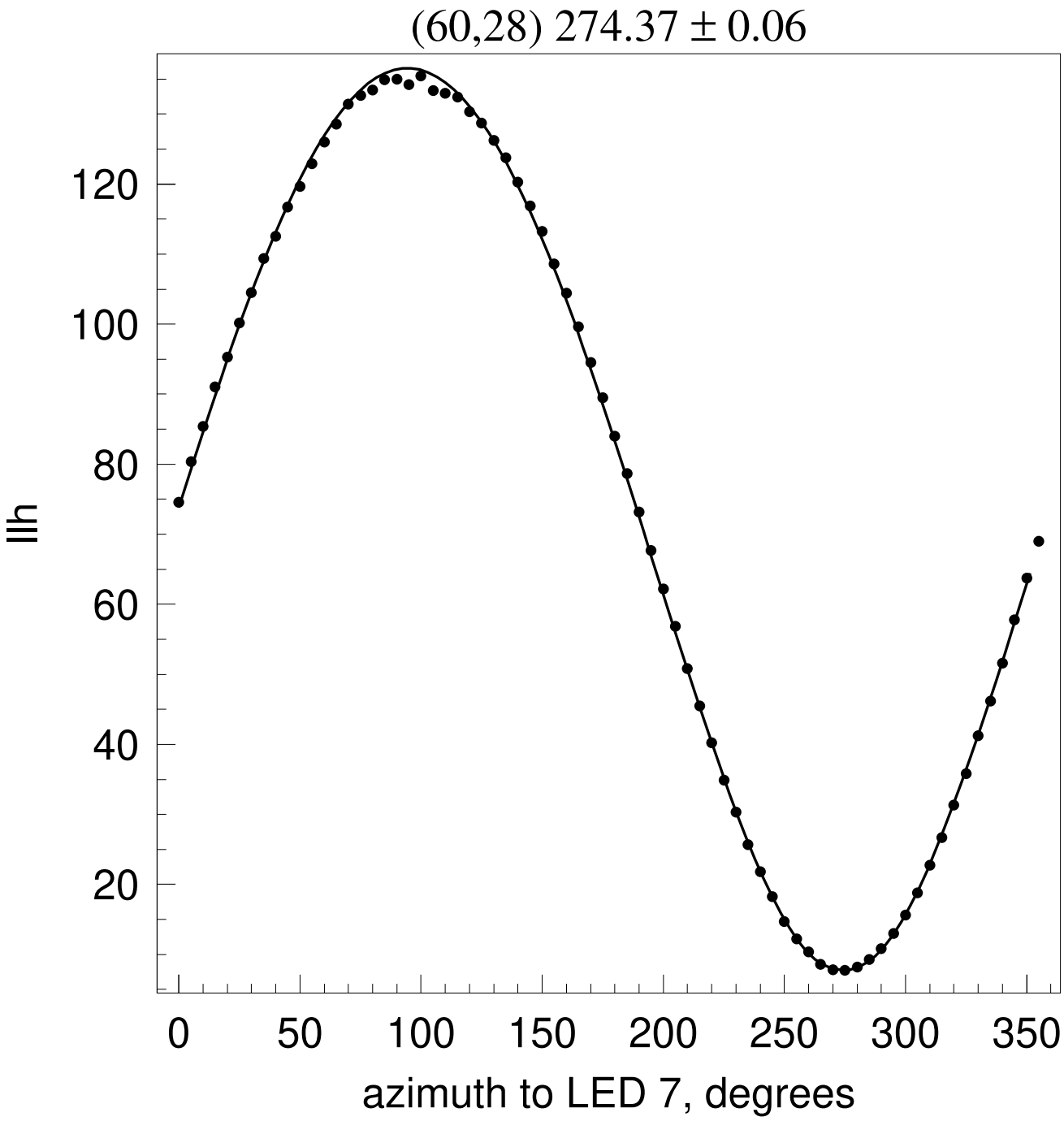

(60,23) 164.54 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

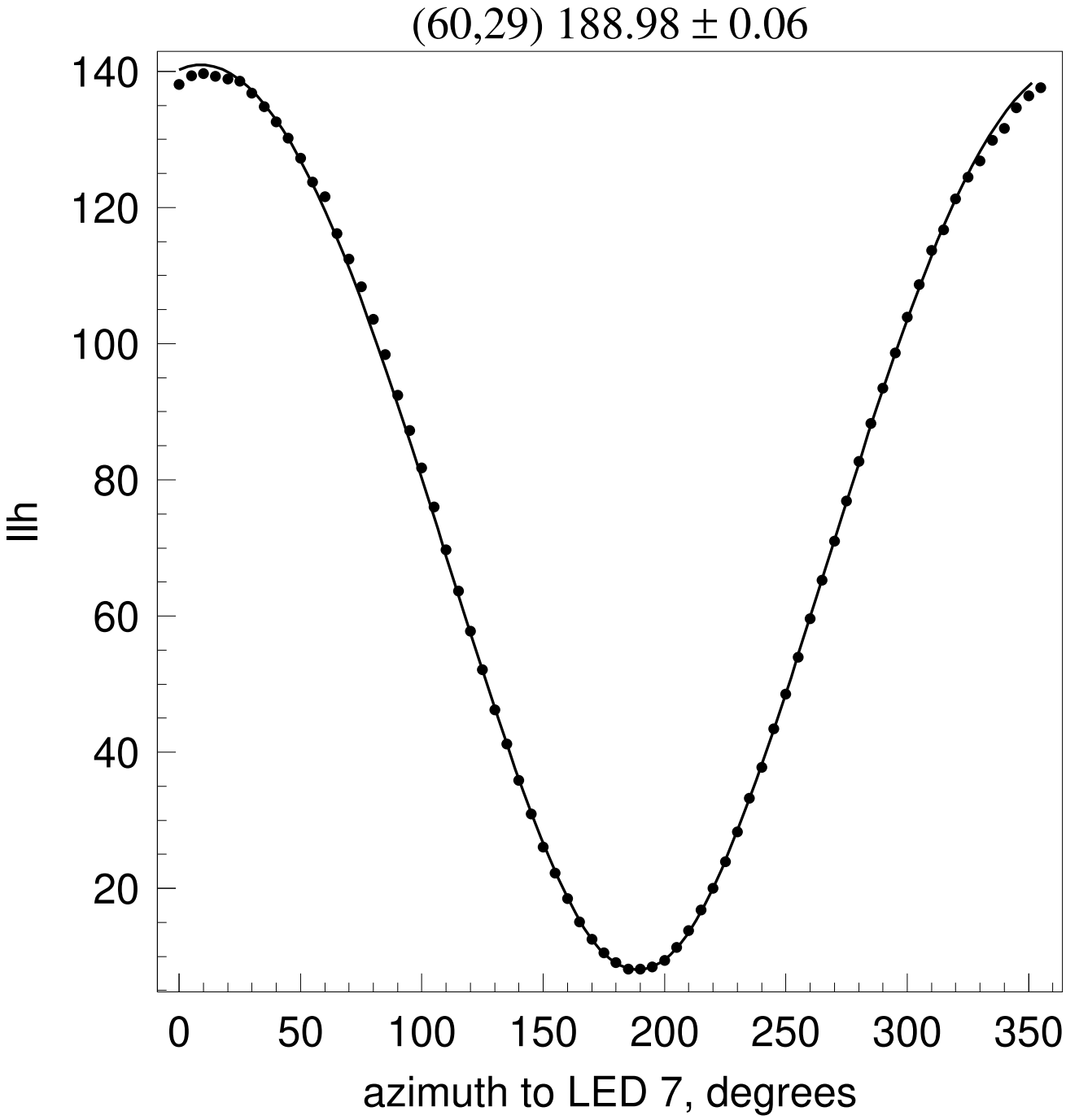

(60,24) 158.41 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

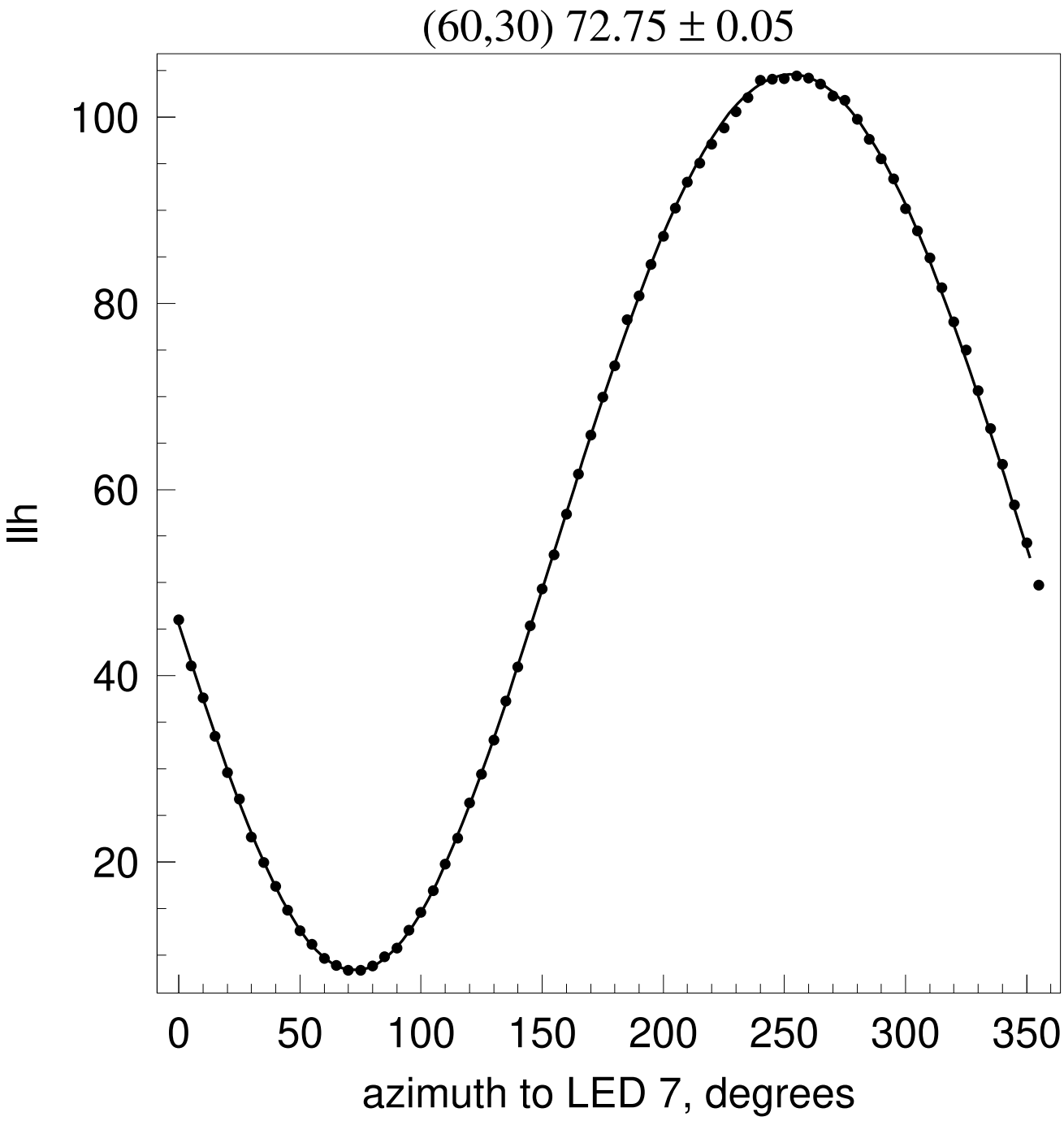

(60,25) 304.69 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

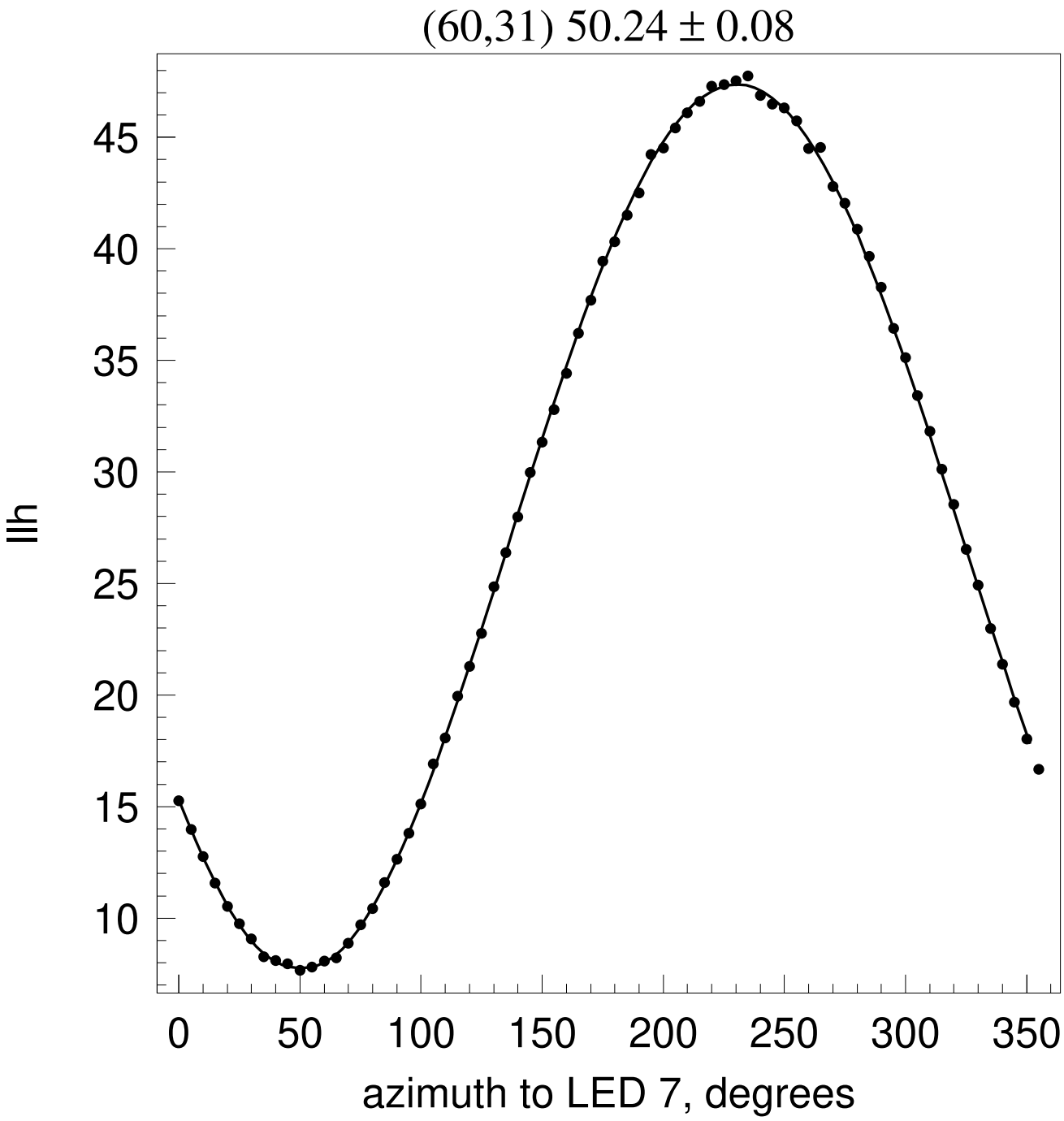

(60,26) 245.91 ± 0.05
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

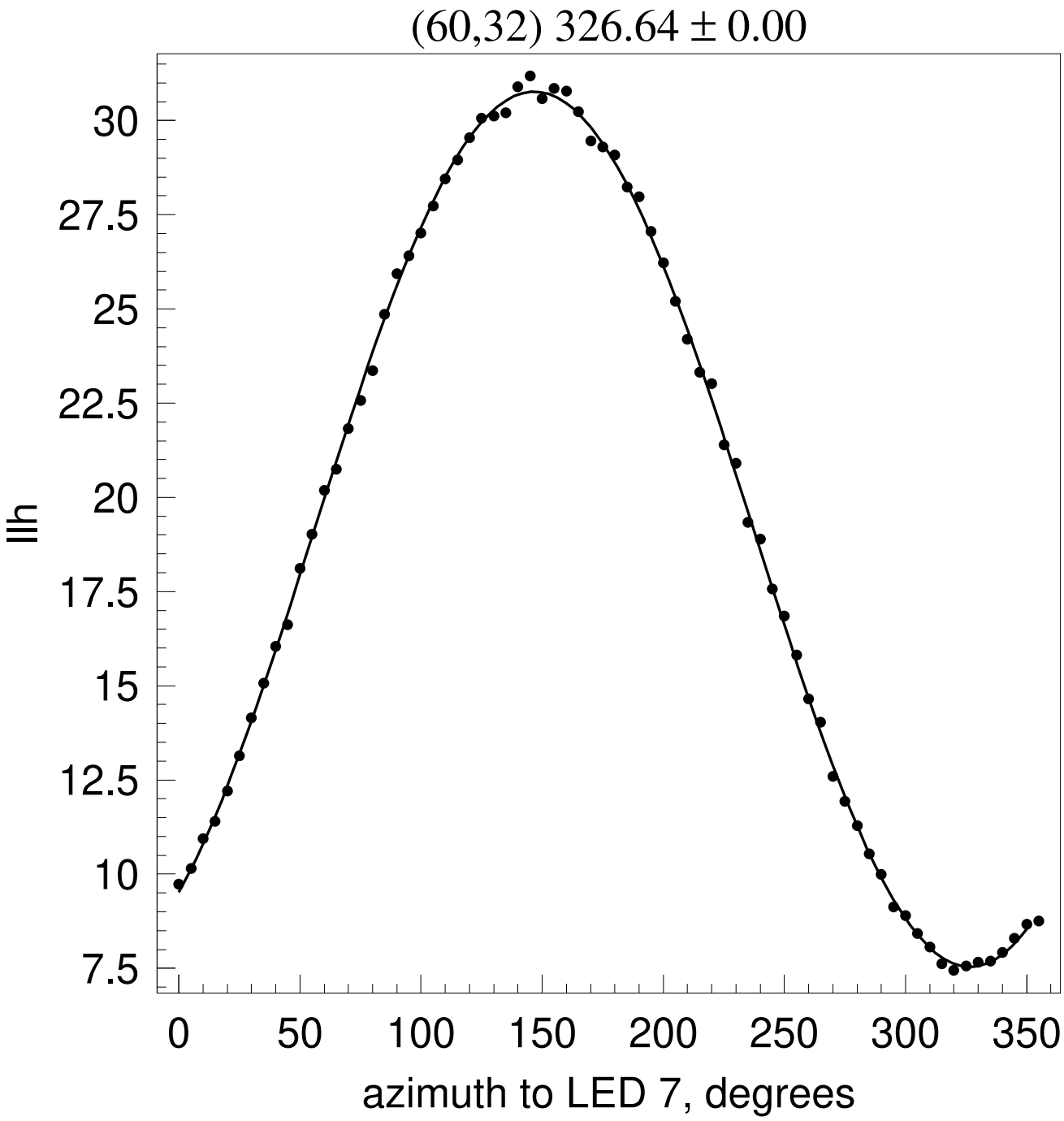

(60,27) 250.04 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

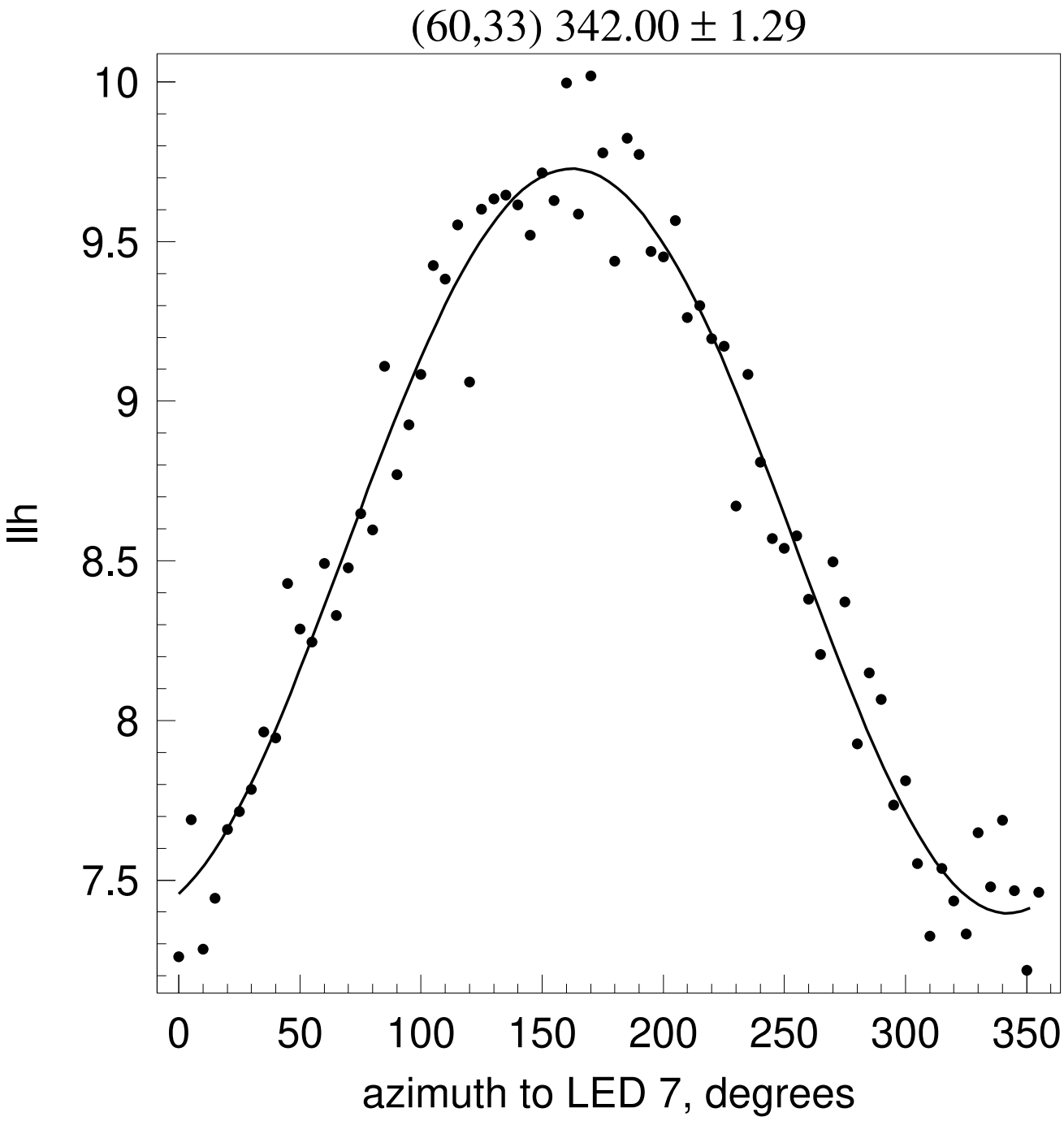

(60,28) 274.37 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

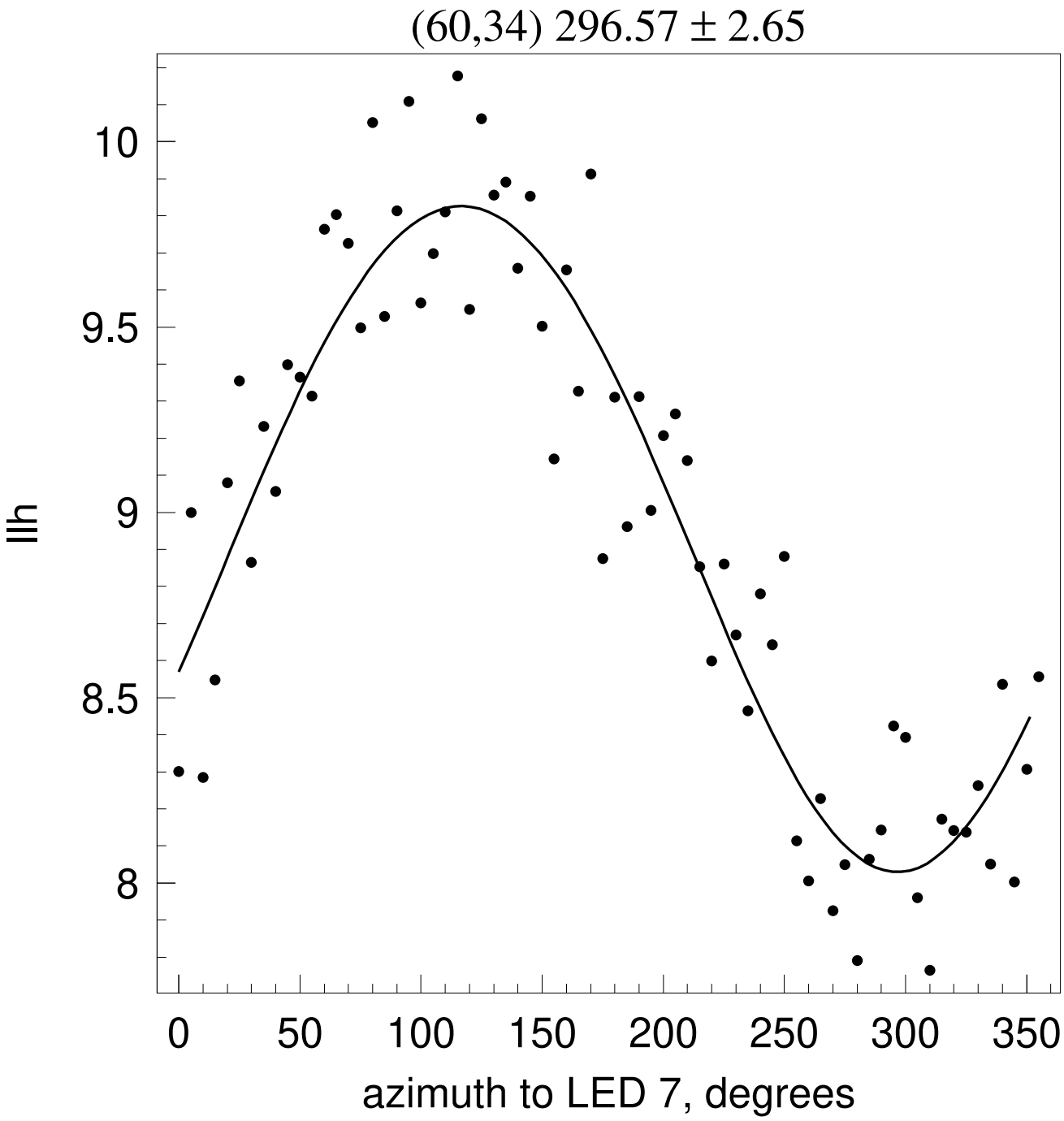

(60,29) 188.98 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

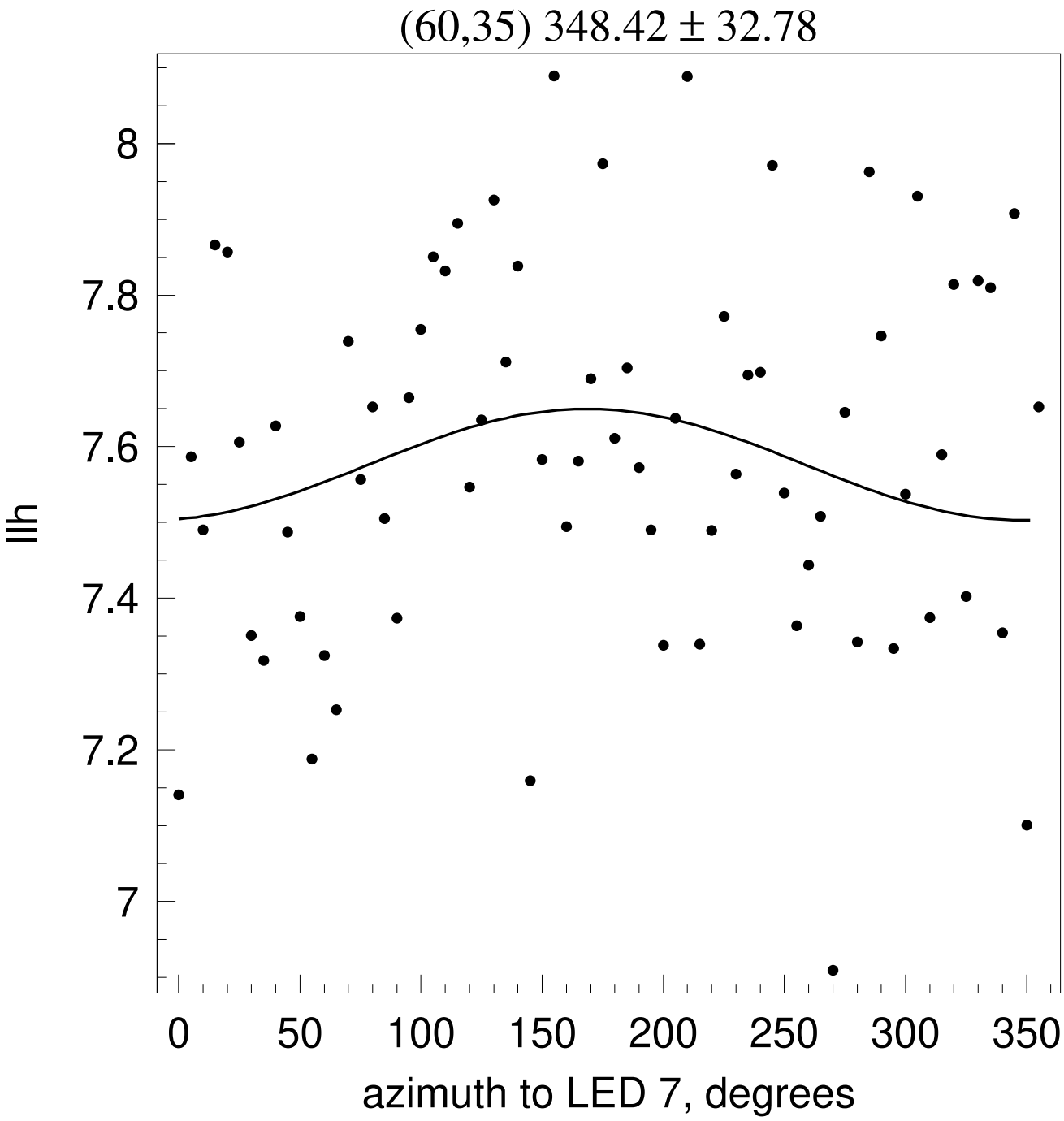

(60,30) 72.75 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

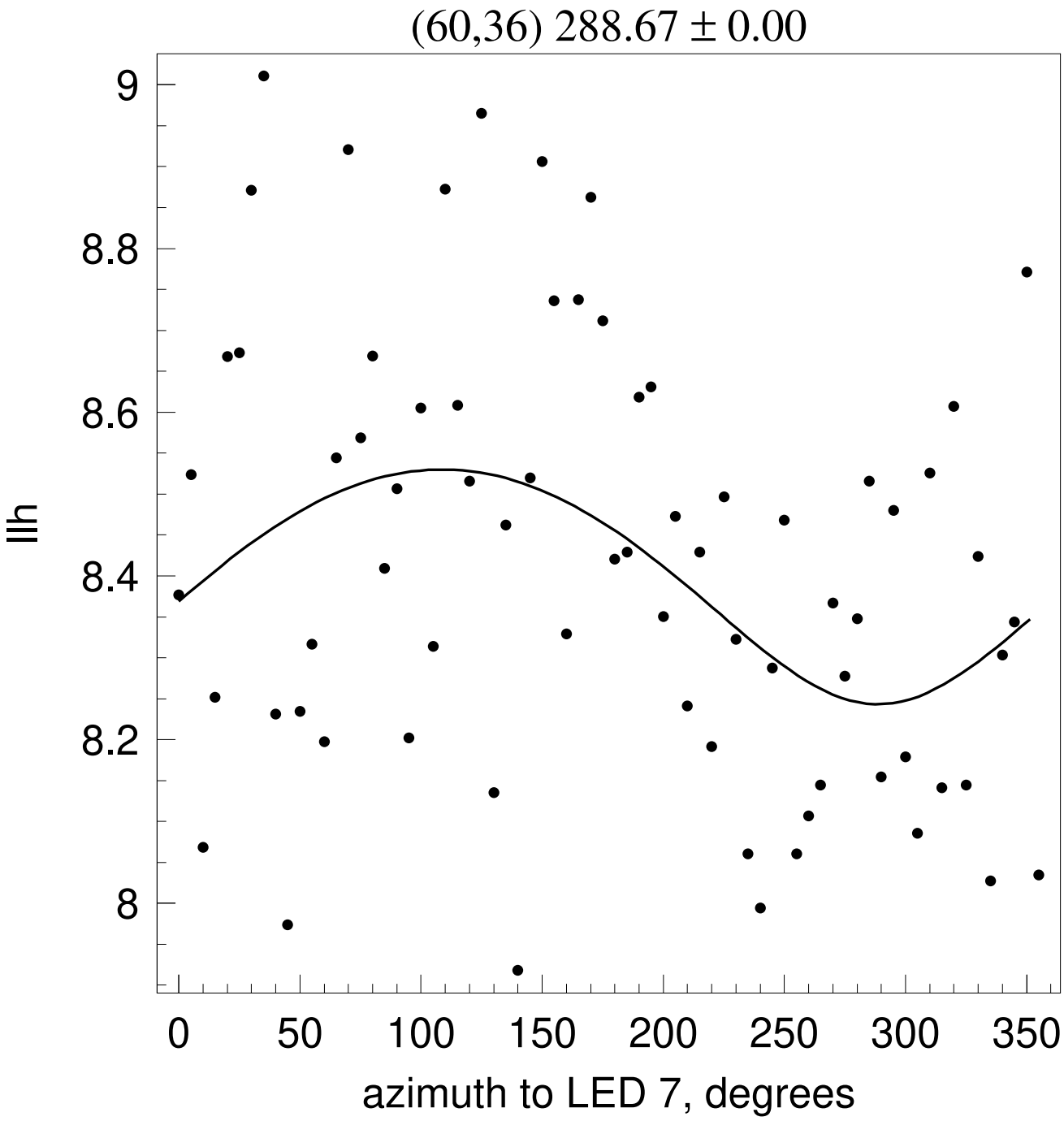

(60,31) 50.24 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

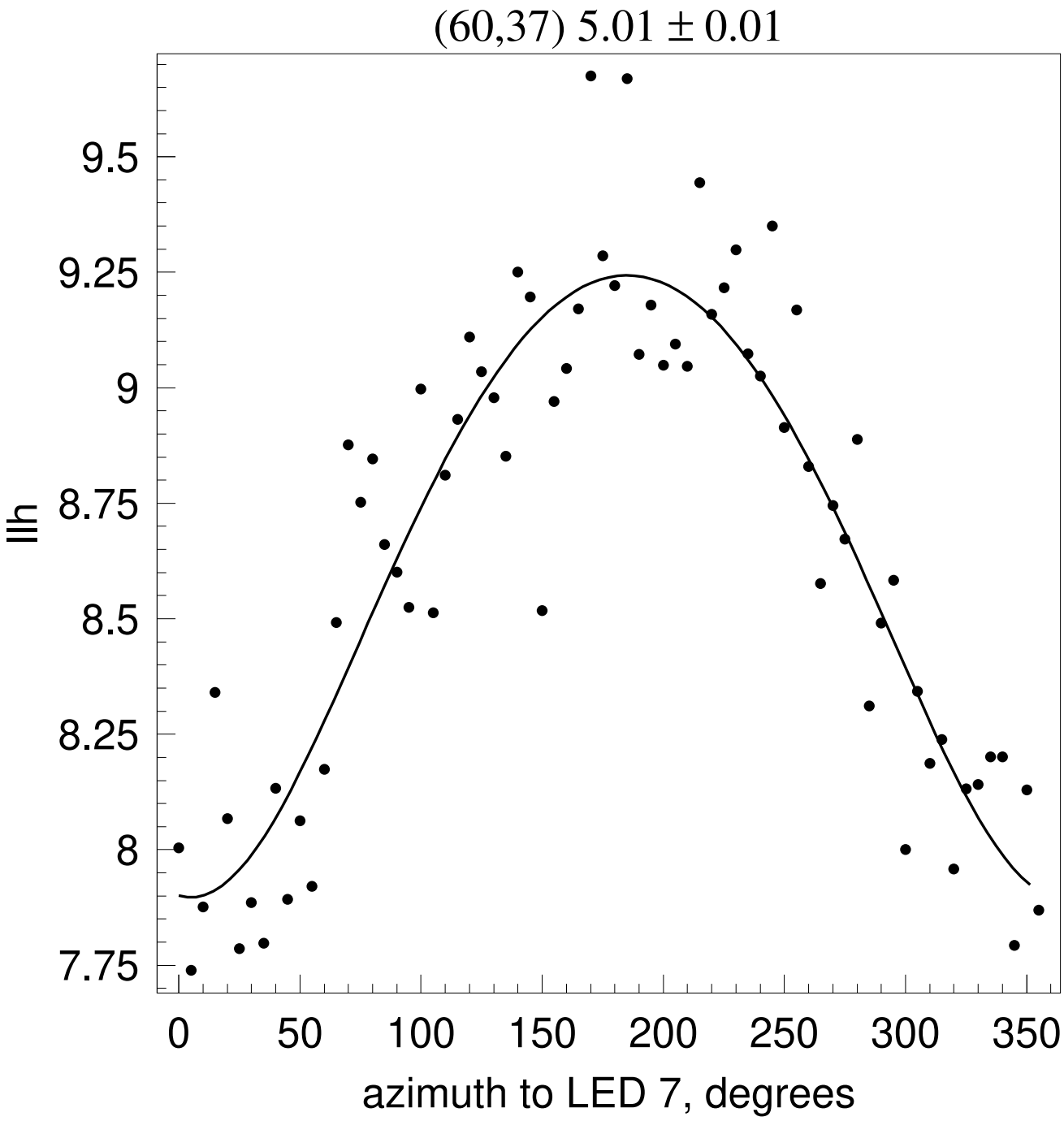

(60,32) 326.64 ± 0.00
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

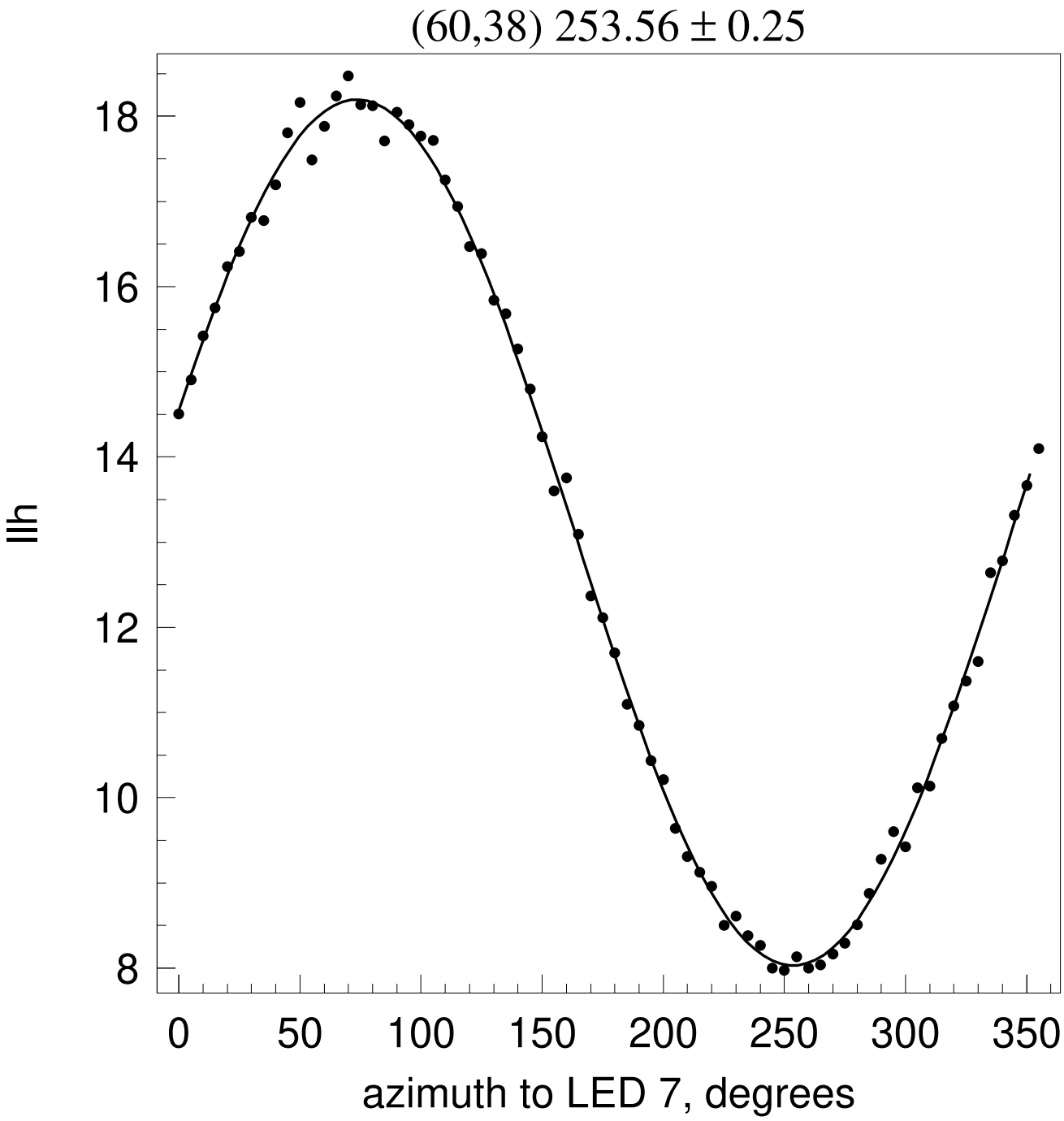

(60,33) 342.00 ± 1.29
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

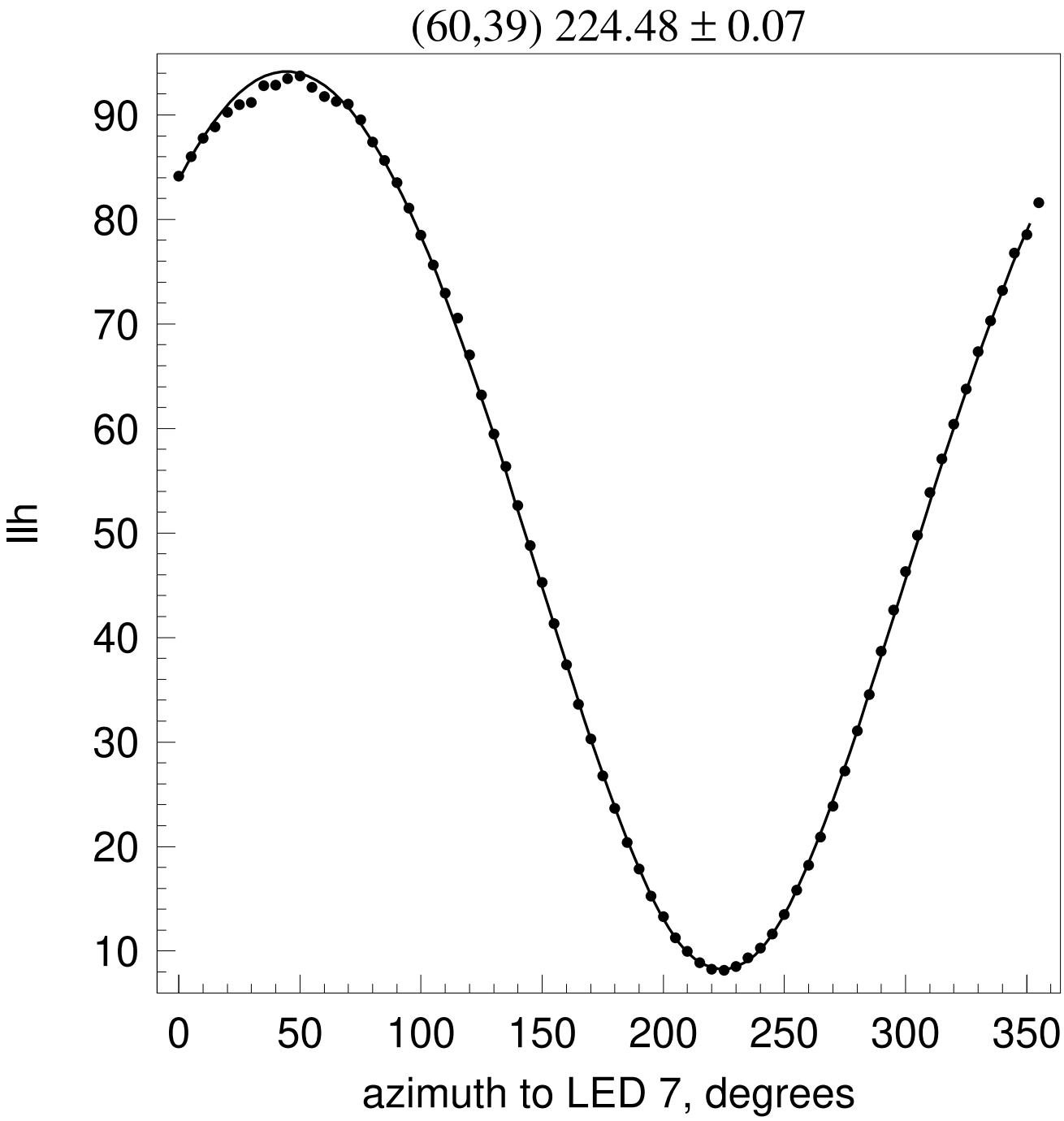

(60,34) 296.57 ± 2.65
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

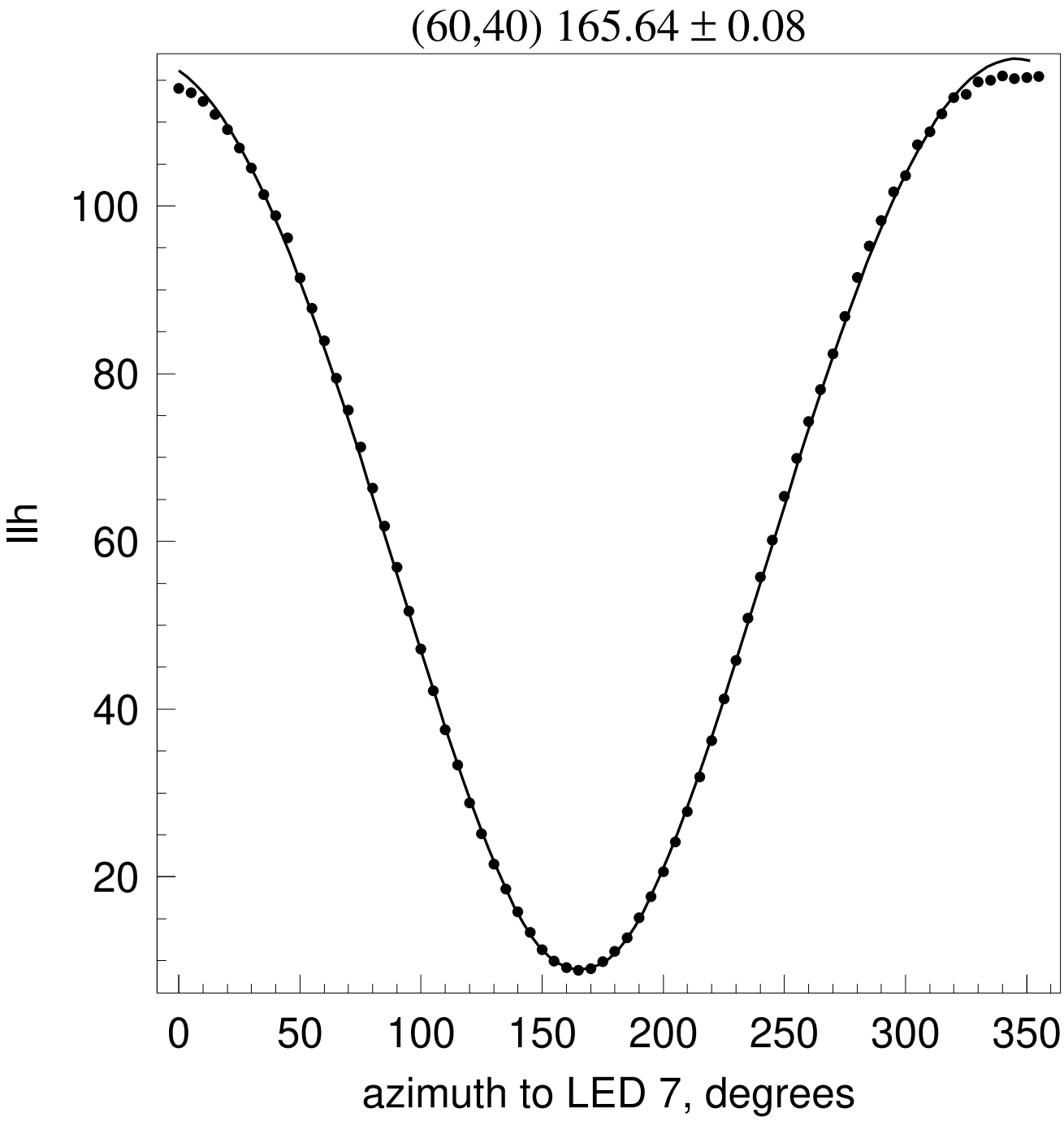

(60,35) 348.42 ± 32.78
8
7.8
7.6
7.4
7.2
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

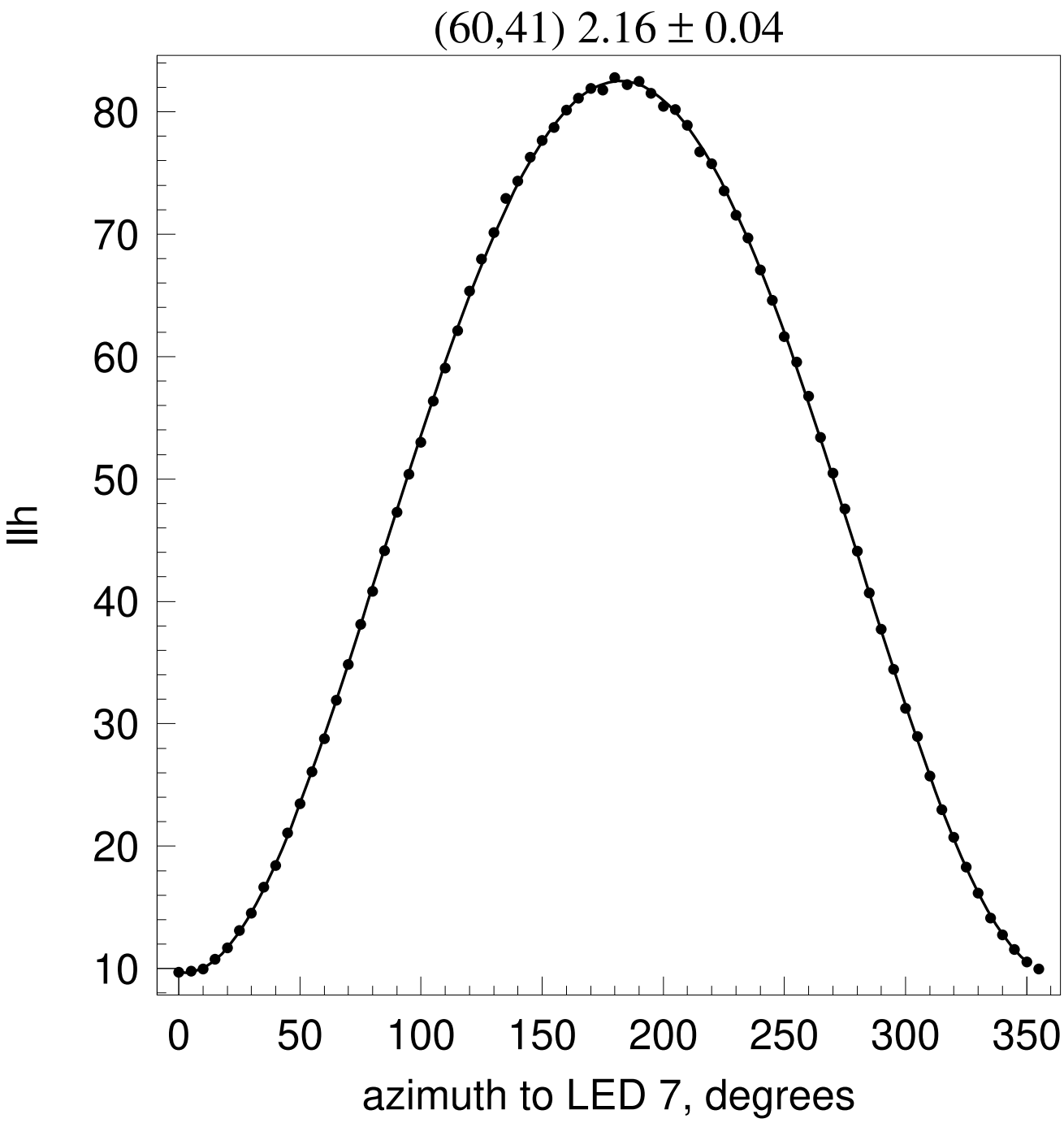

(60,36) 288.67 ± 0.00
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

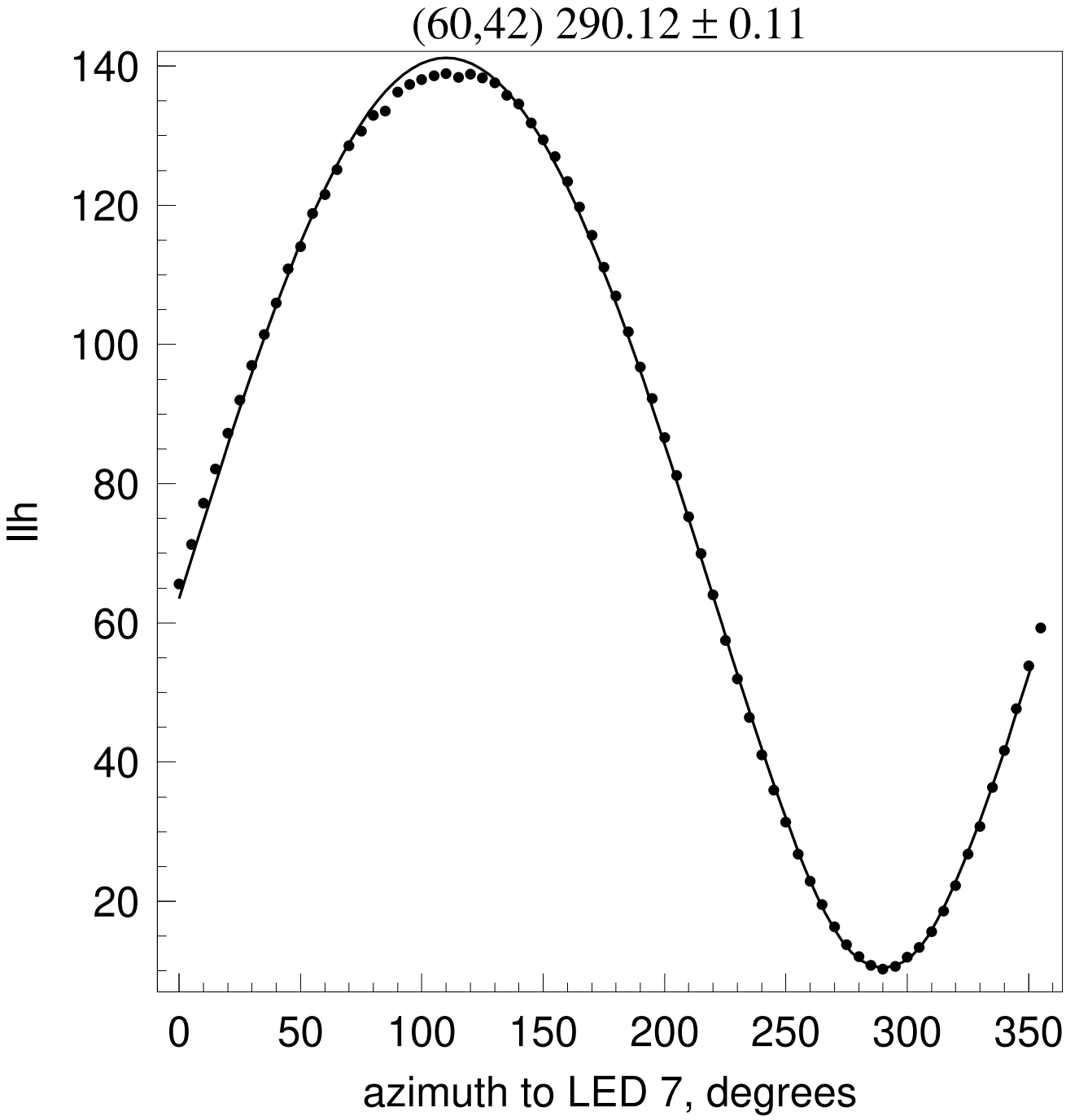

(60,37) 5.01 ± 0.01
9.5
9.25
9
8.75
8.5
8.25
8
7.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

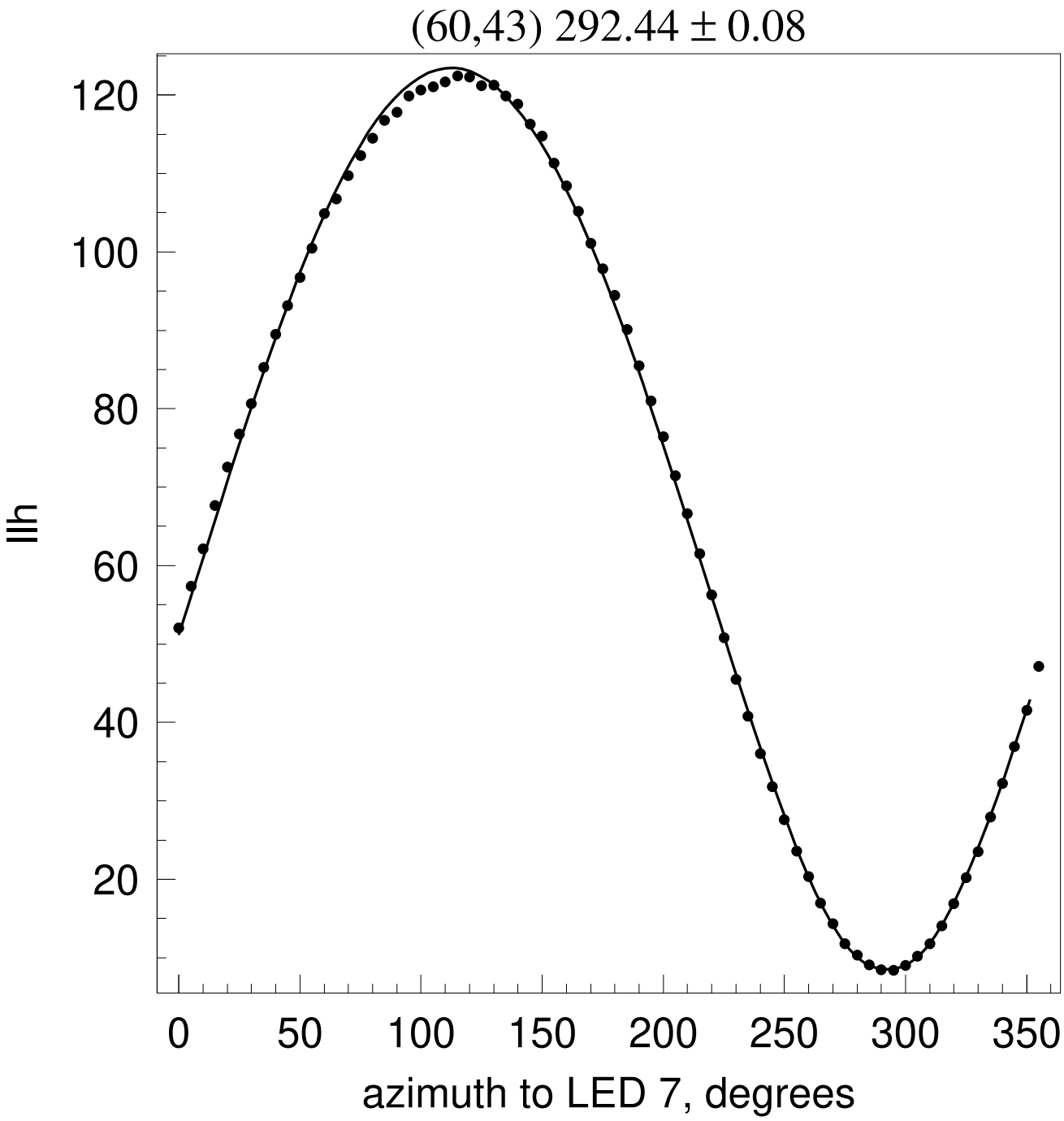

(60,38) 253.56 ± 0.25
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

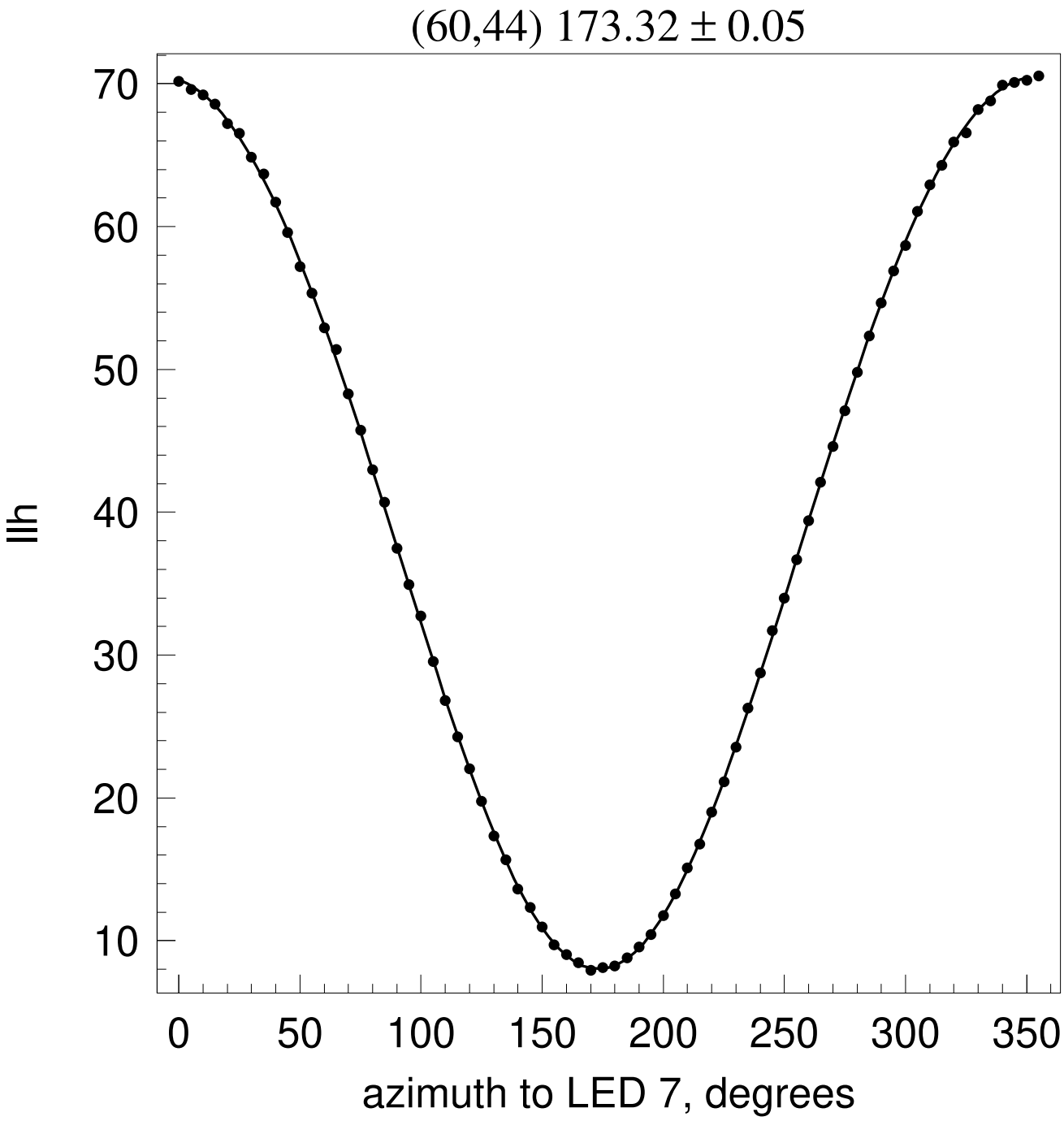

(60,39) 224.48 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

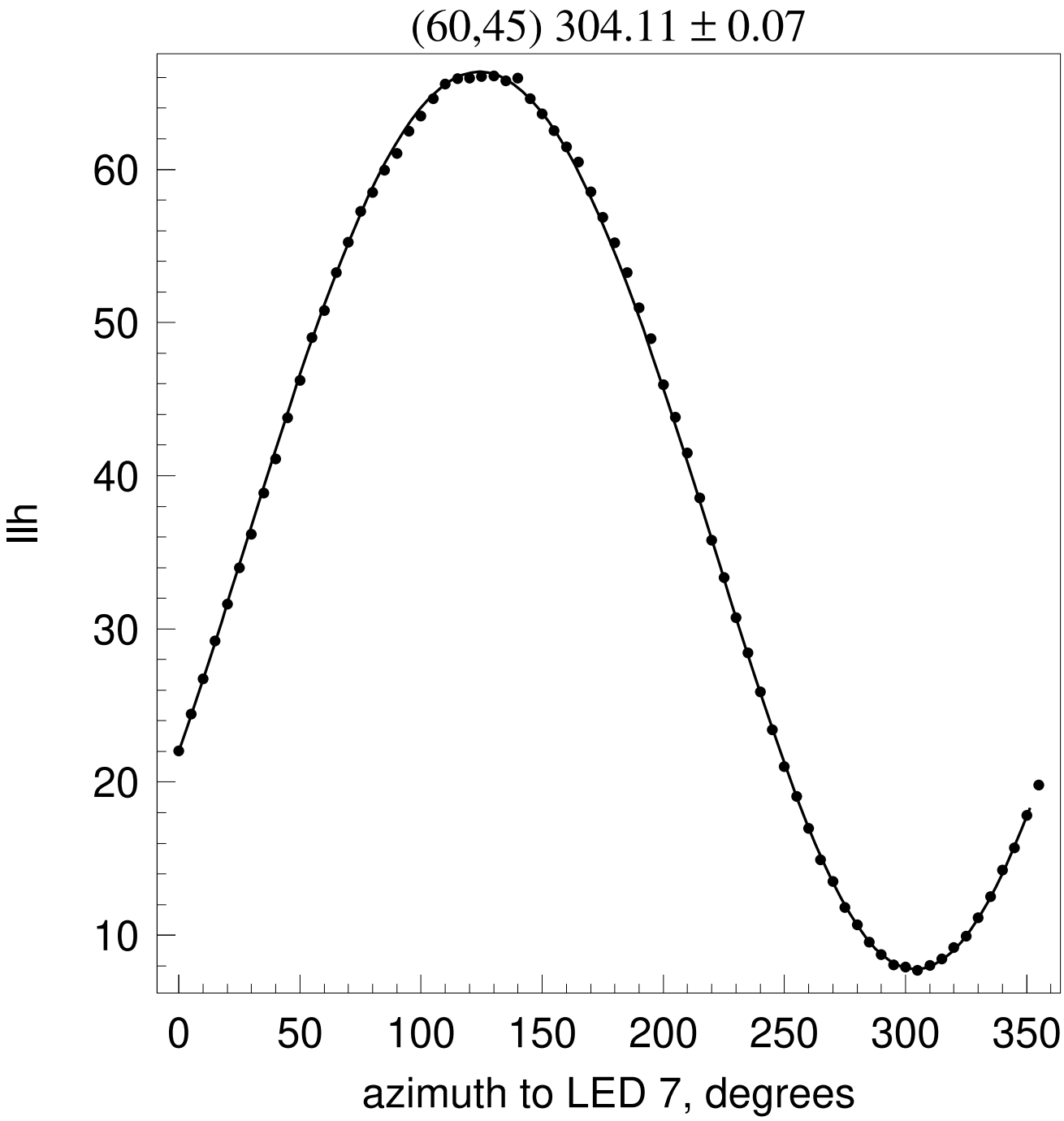

(60,40) 165.64 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

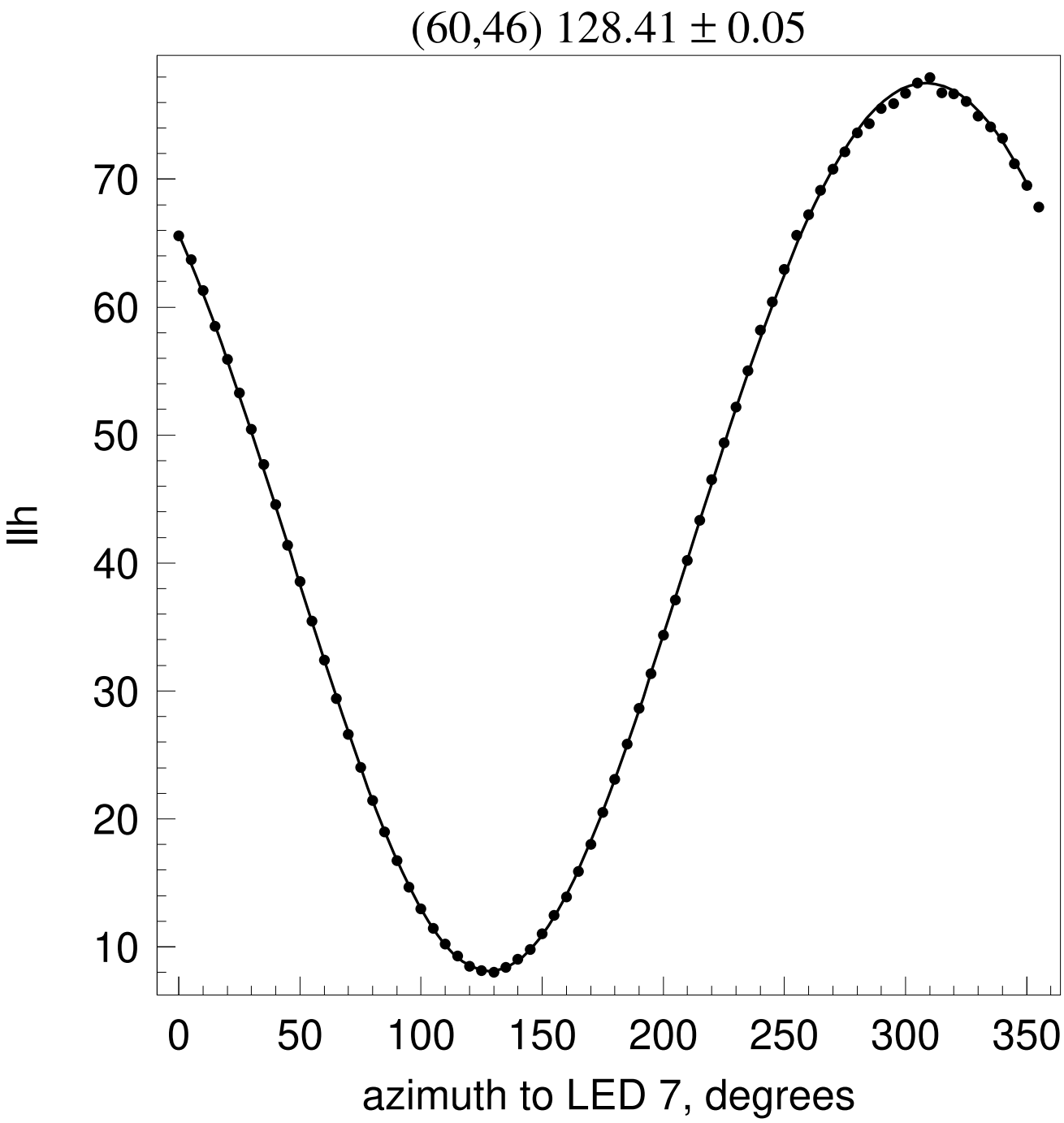

(60,41) 2.16 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

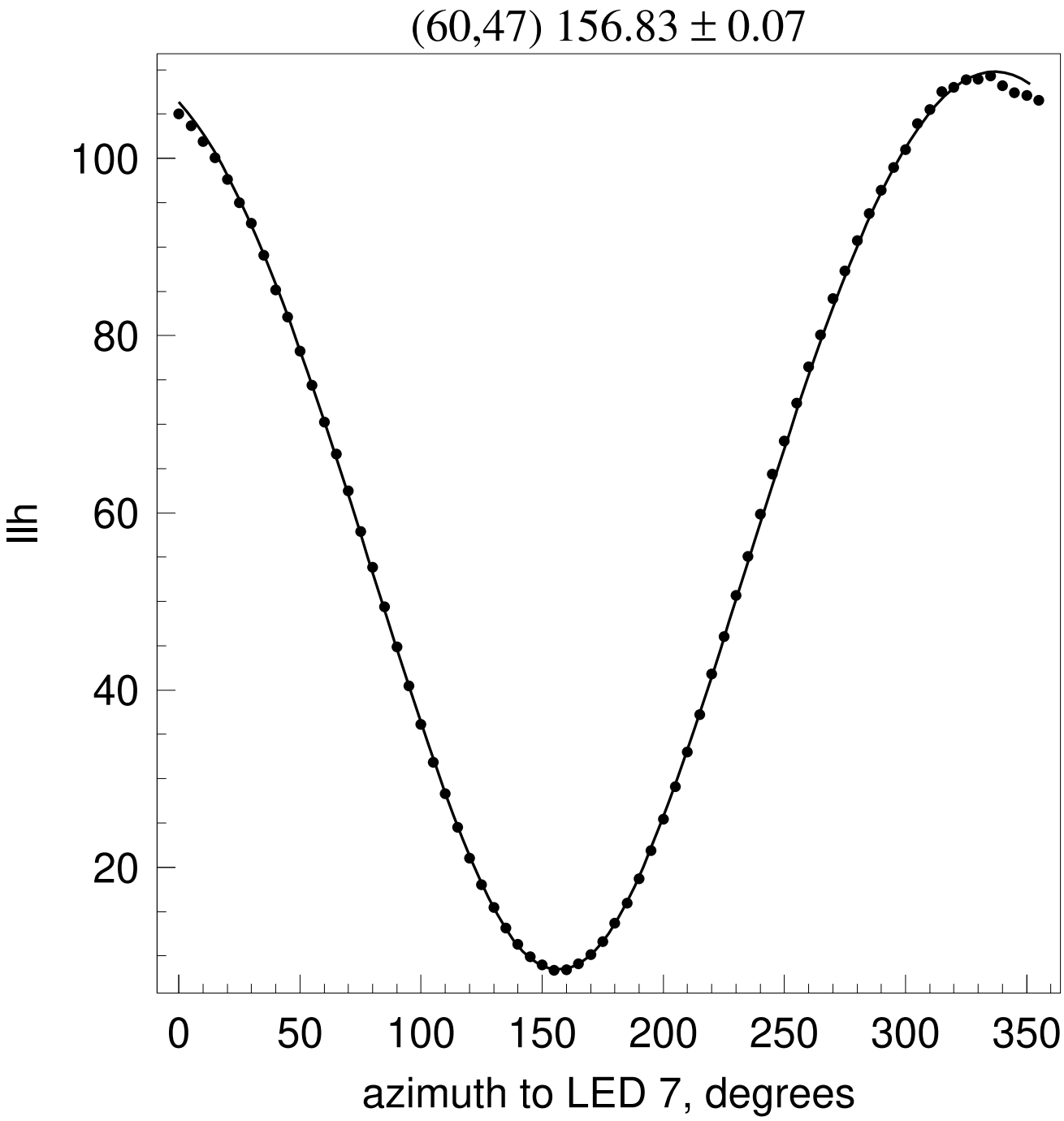

(60,42) 290.12 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

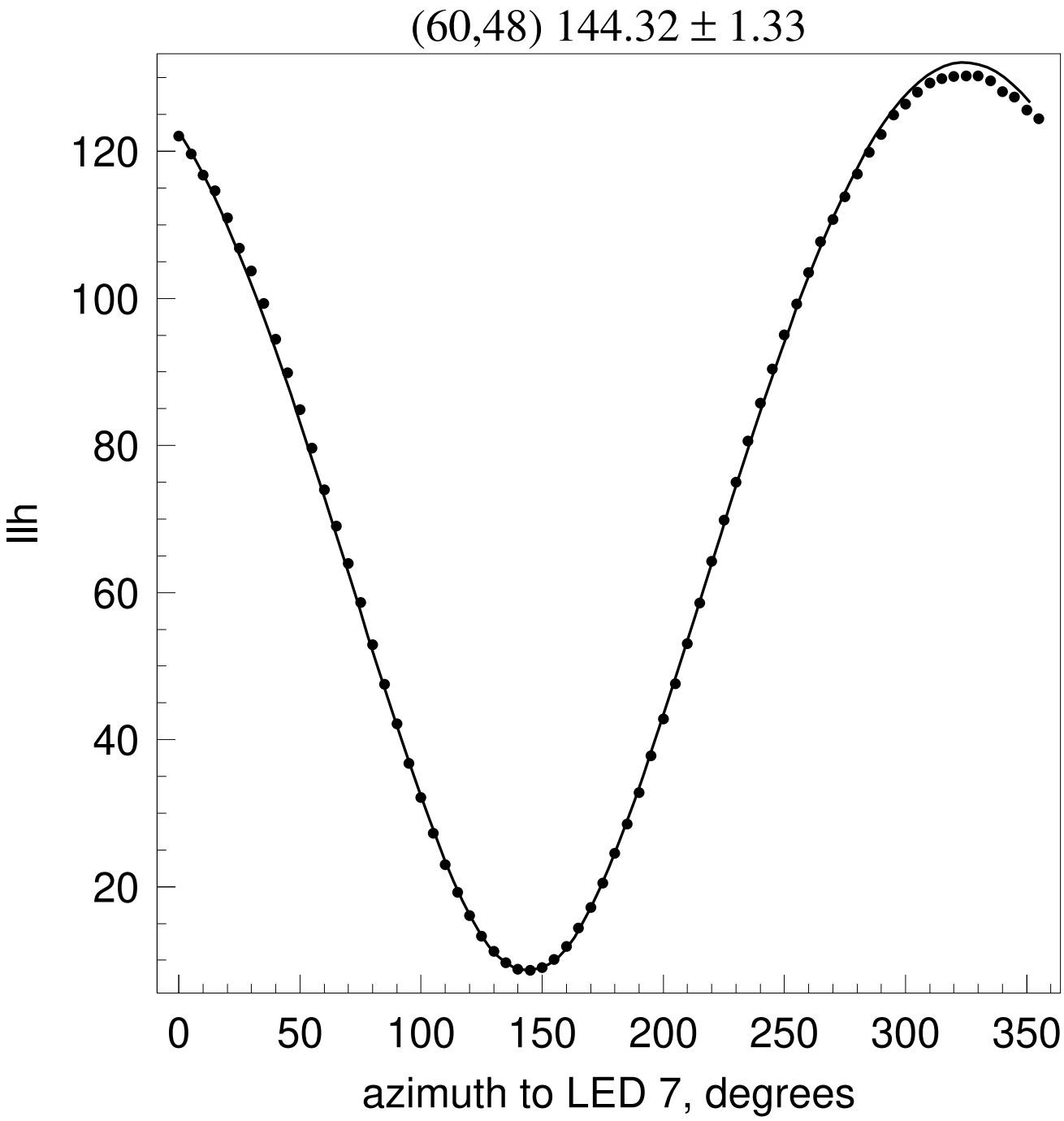

(60,43) 292.44 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

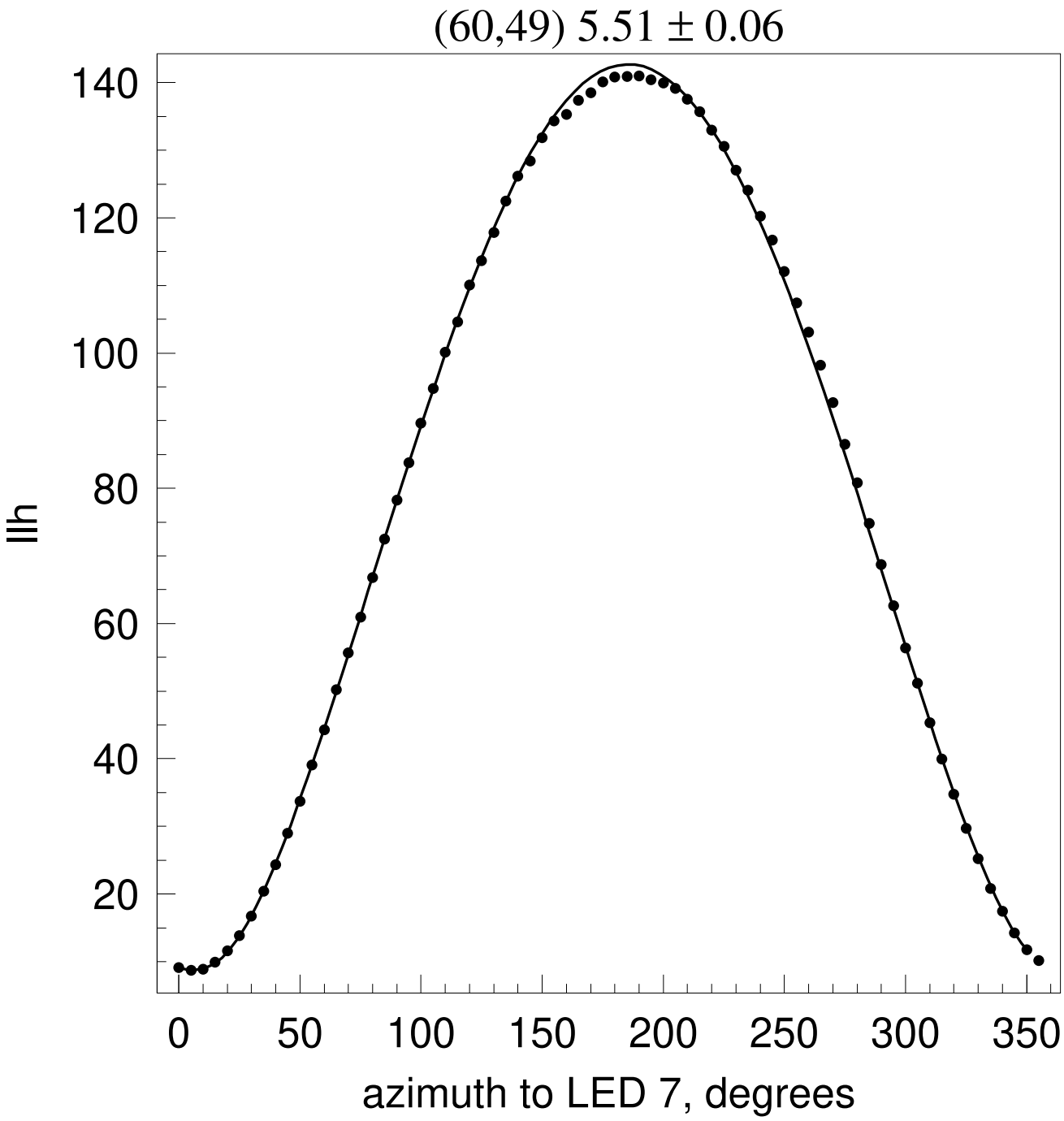

(60,44) 173.32 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

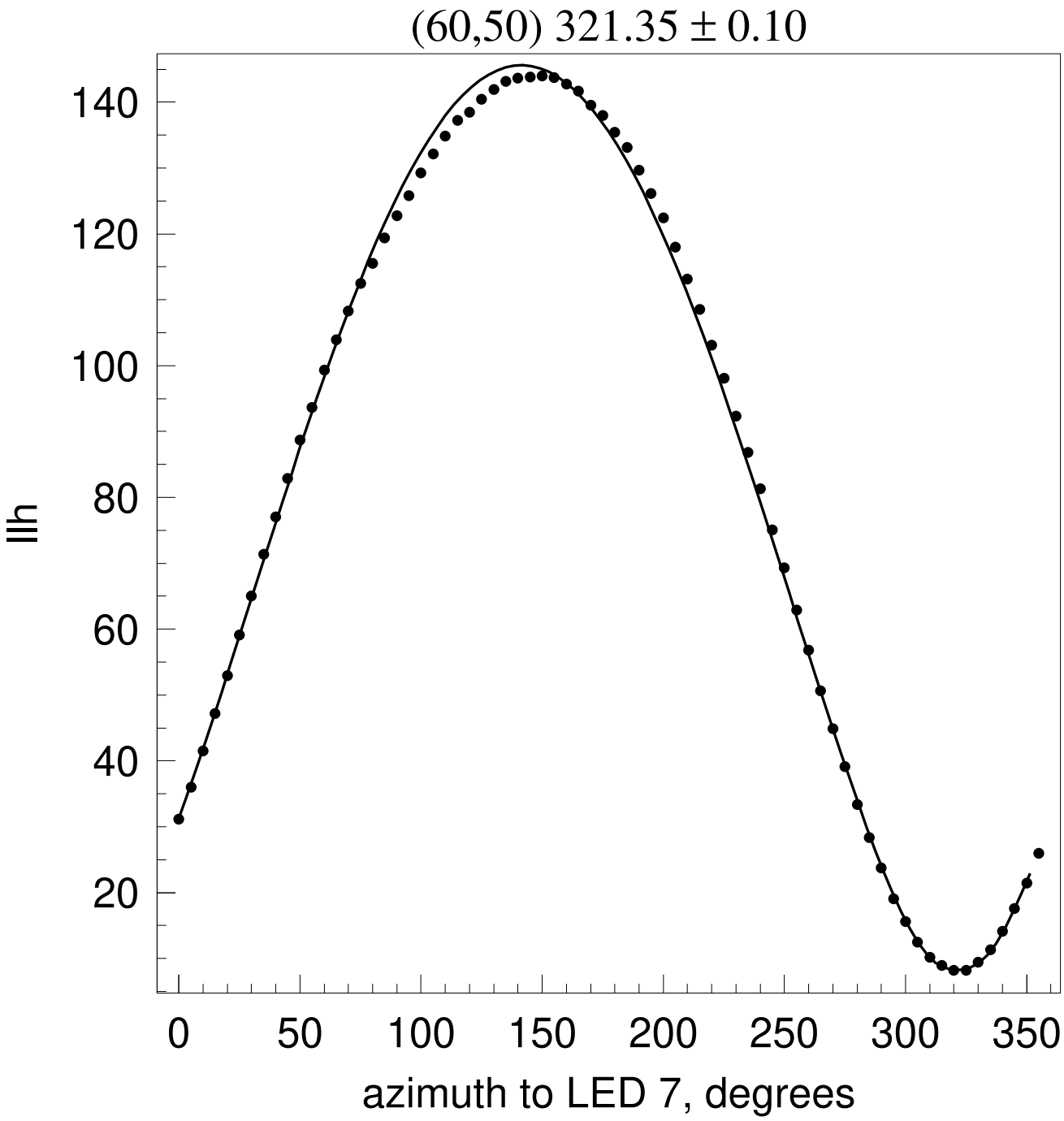

(60,45) 304.11 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

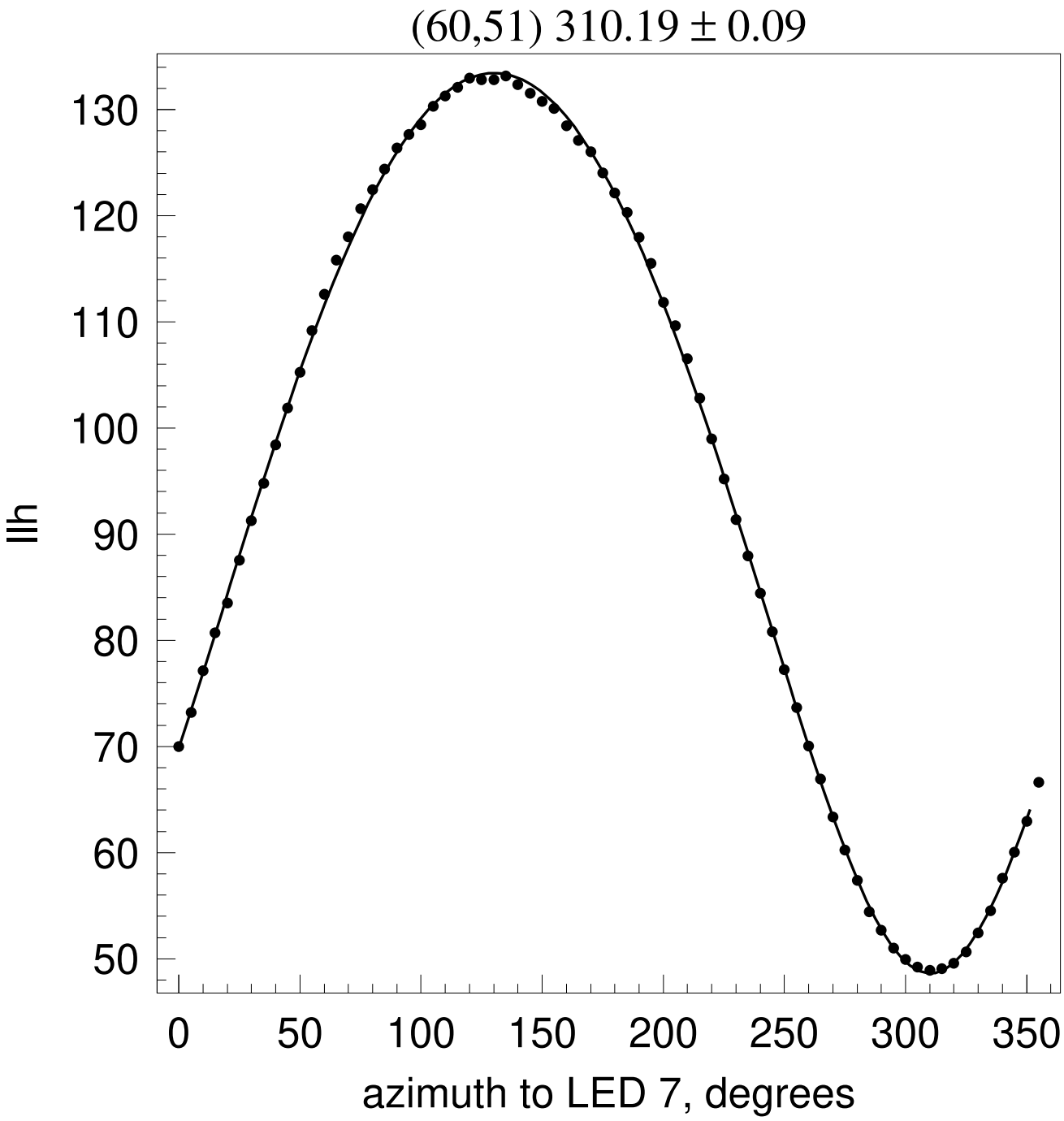

(60,46) 128.41 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

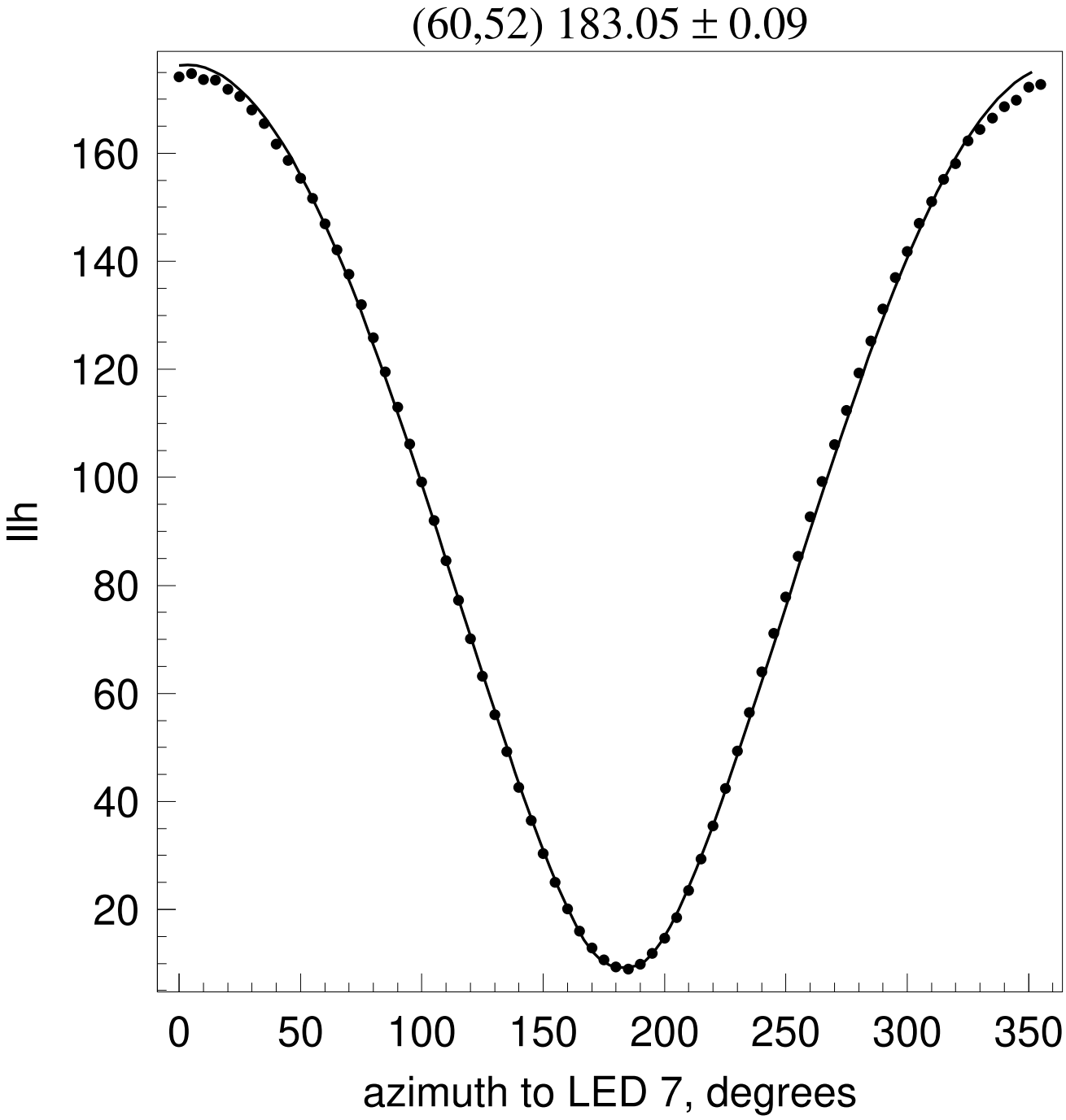

(60,47) 156.83 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

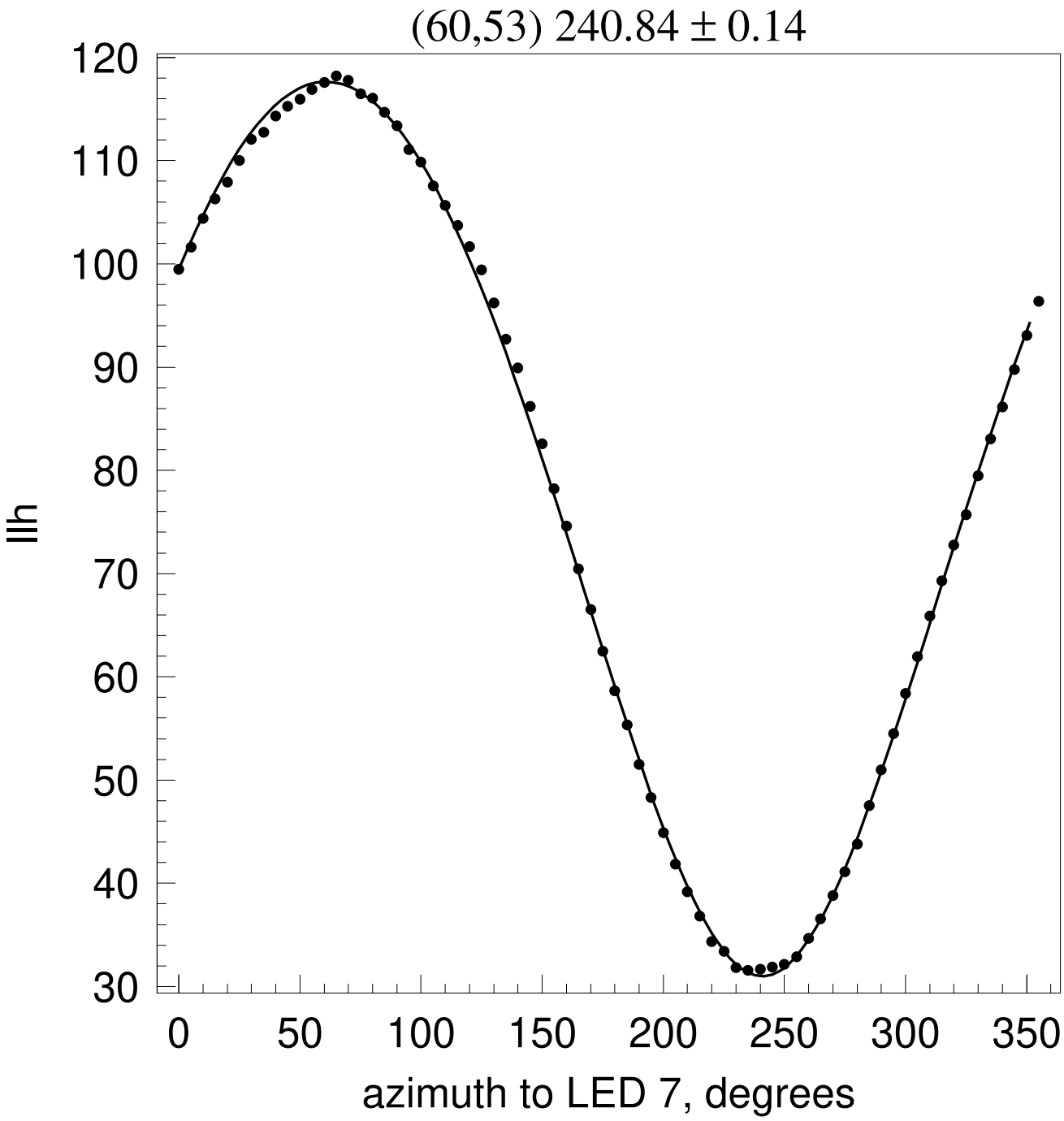

(60,48) 144.32 ± 1.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

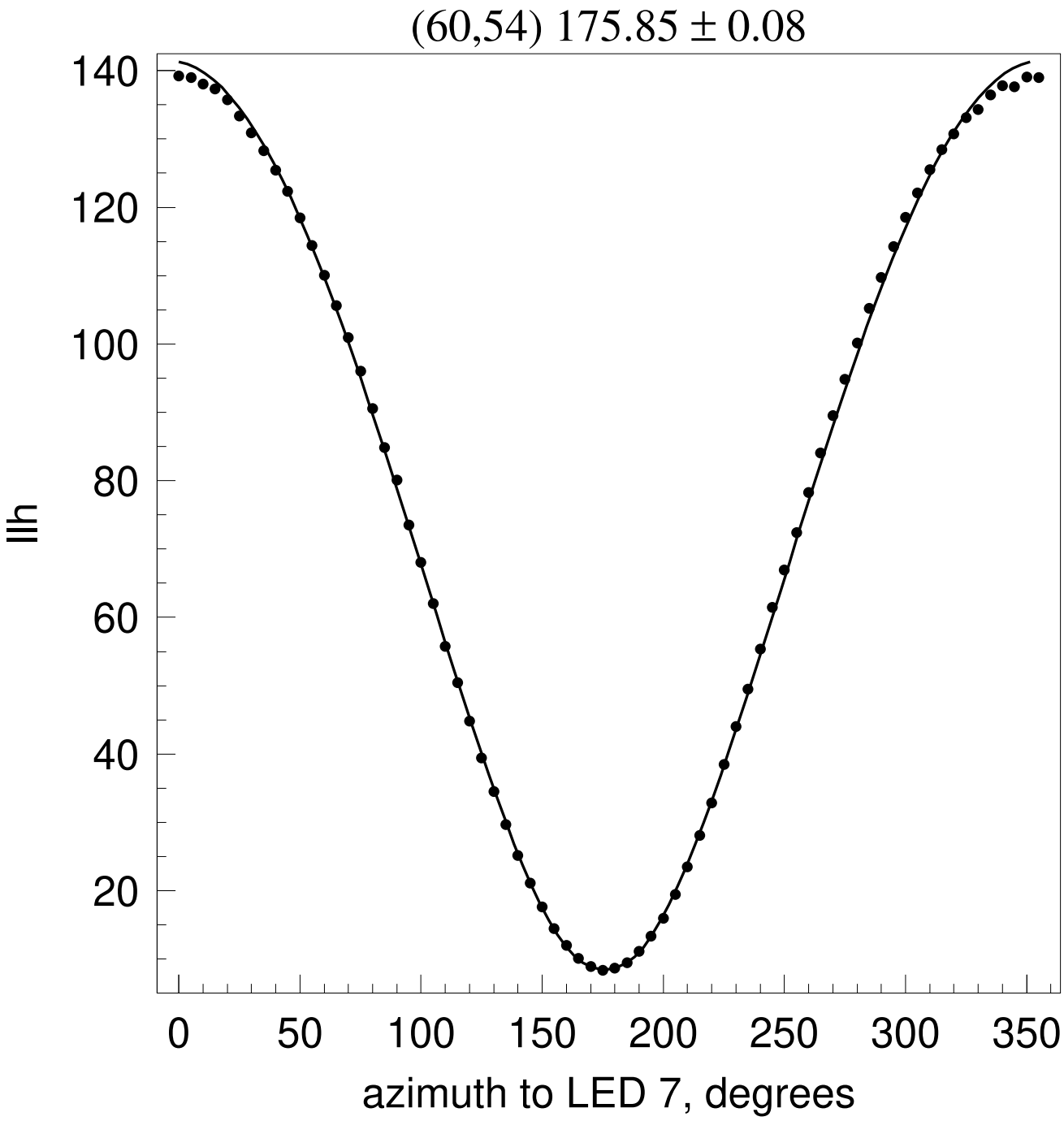

(60,49) 5.51 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

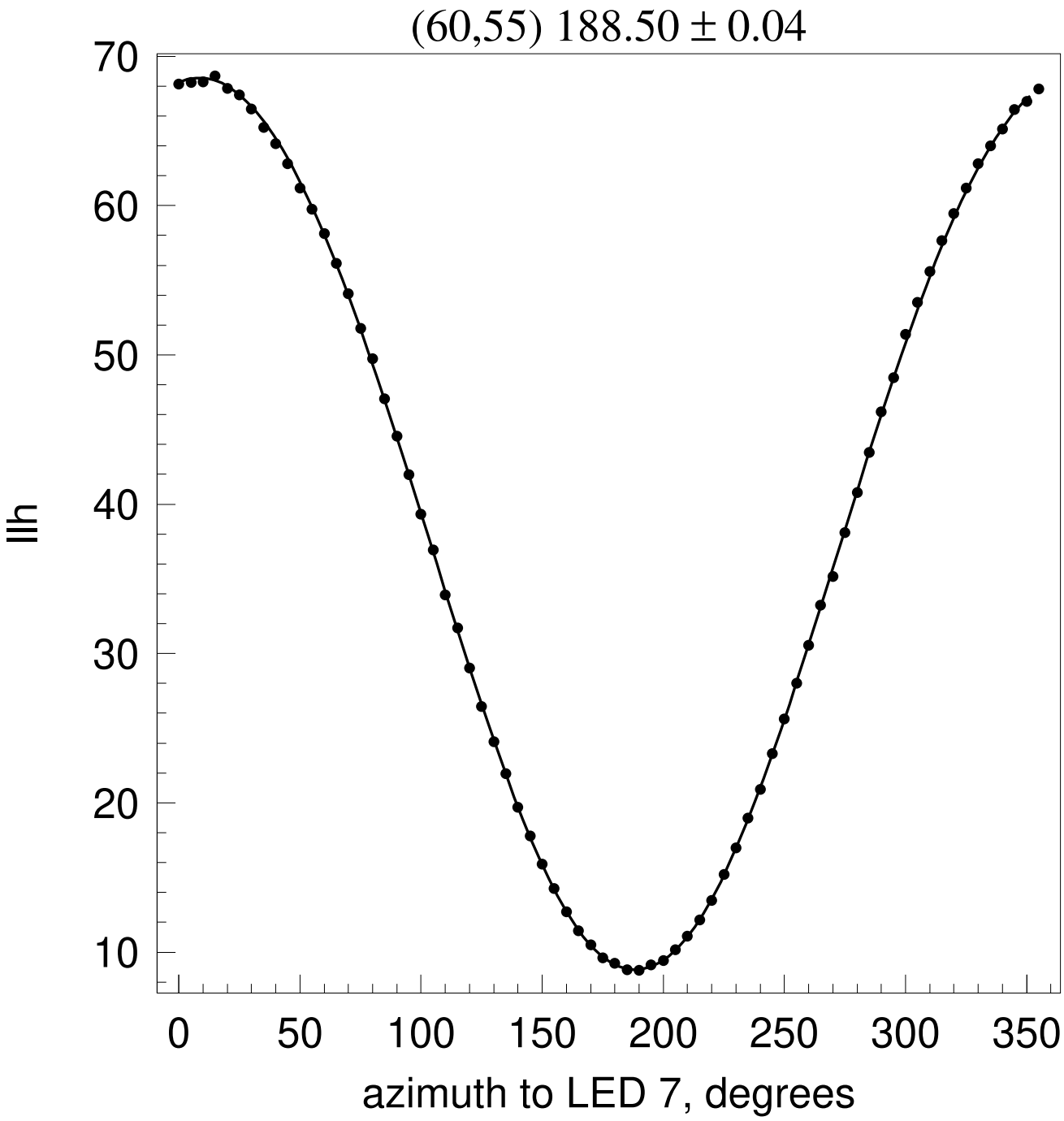

(60,50) 321.35 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

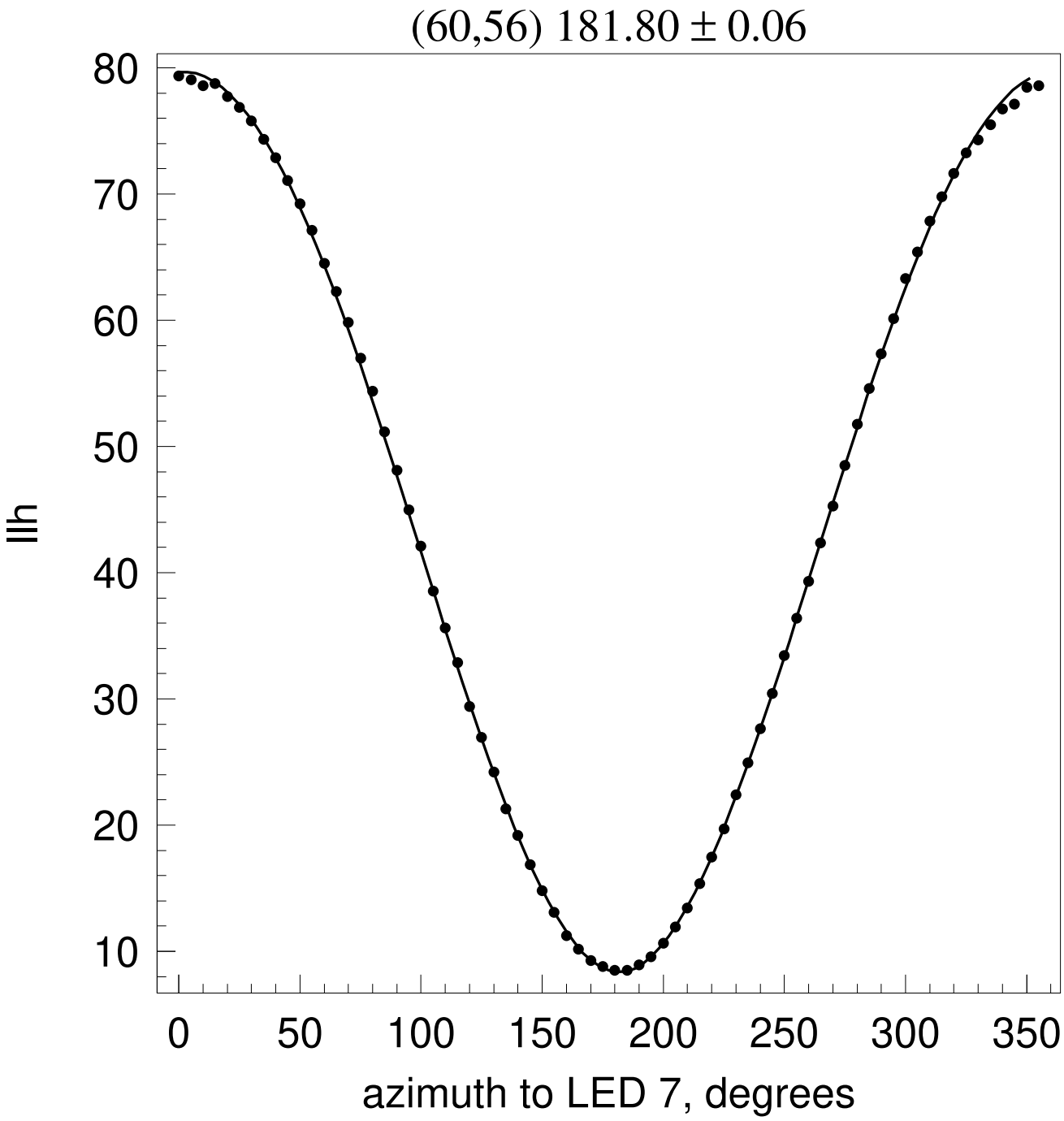

(60,51) 310.19 ± 0.09
130
120
110
100
90
80
70
60
50
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

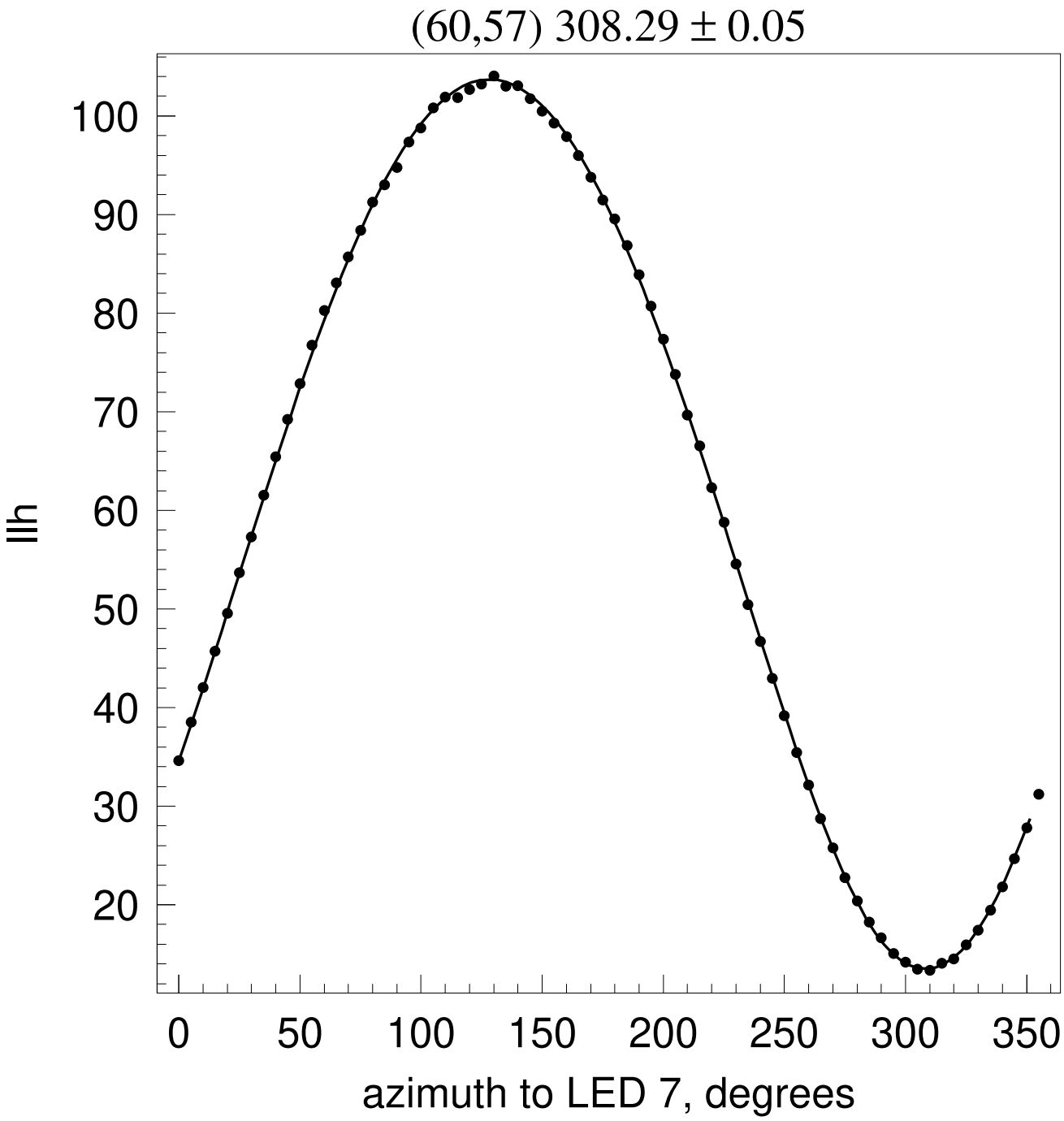

(60,52) 183.05 ± 0.09
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

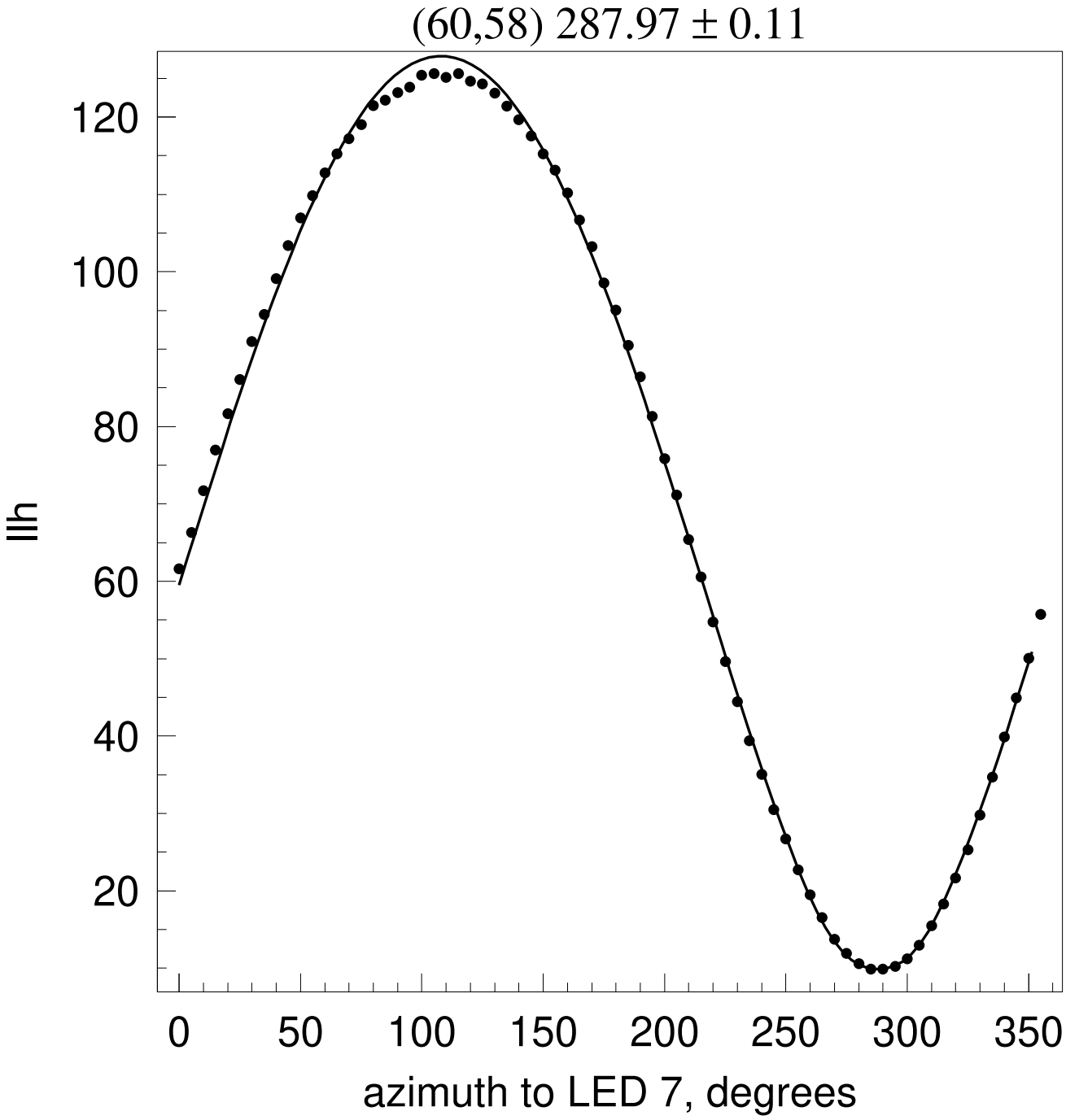

(60,53) 240.84 ± 0.14
120
110
100
90
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

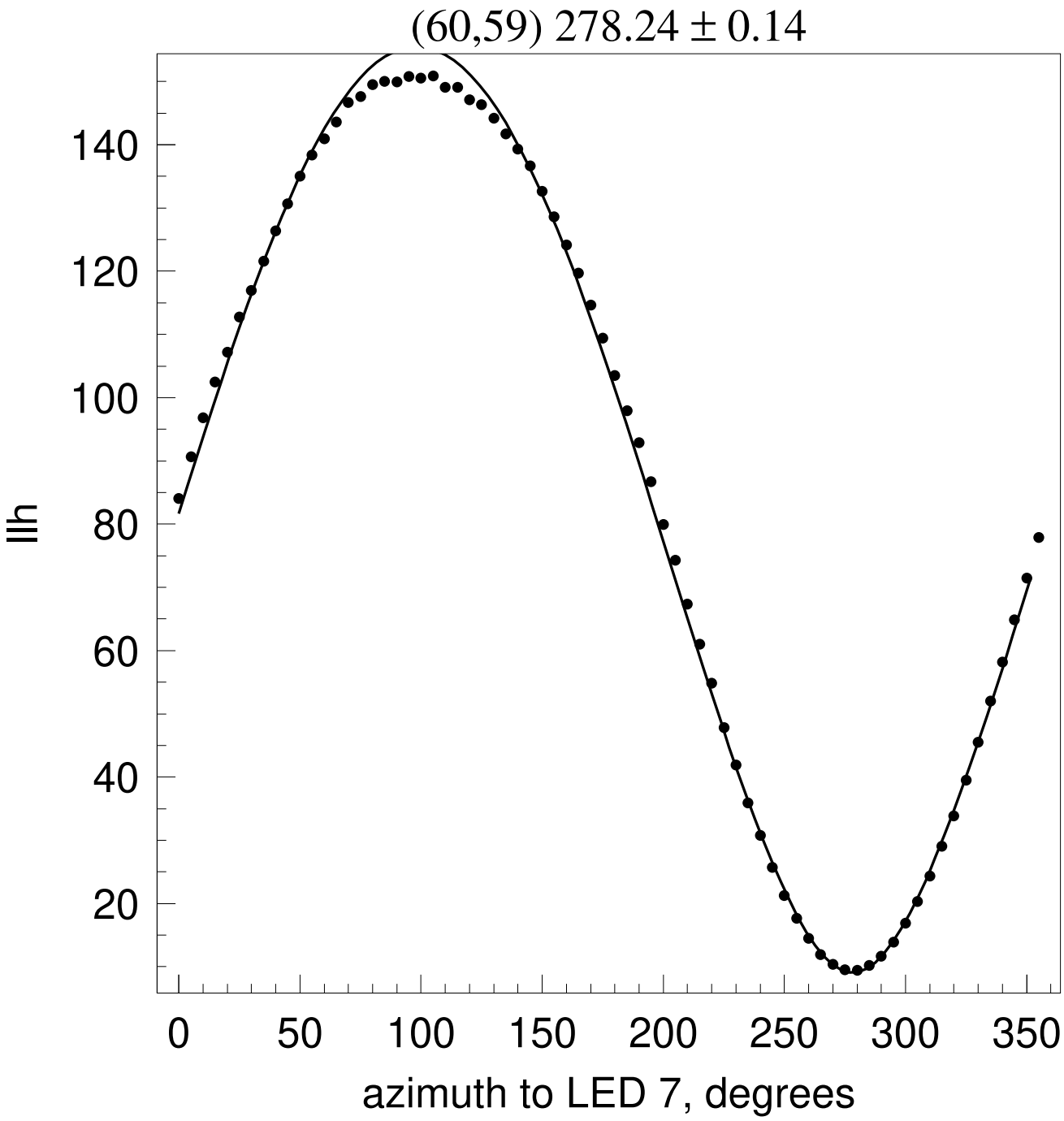

(60,54) 175.85 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

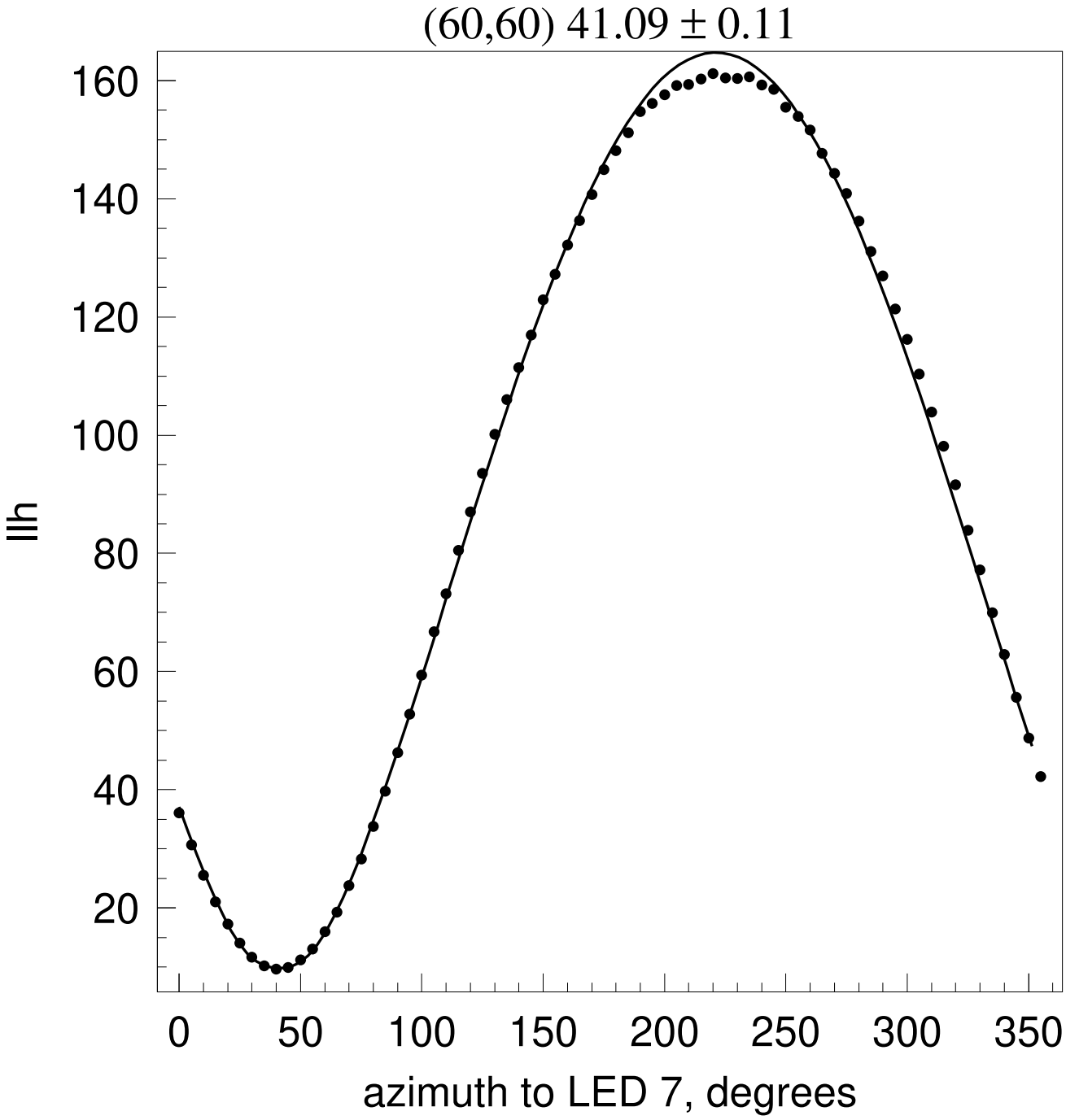

(60,55) 188.50 ± 0.04
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

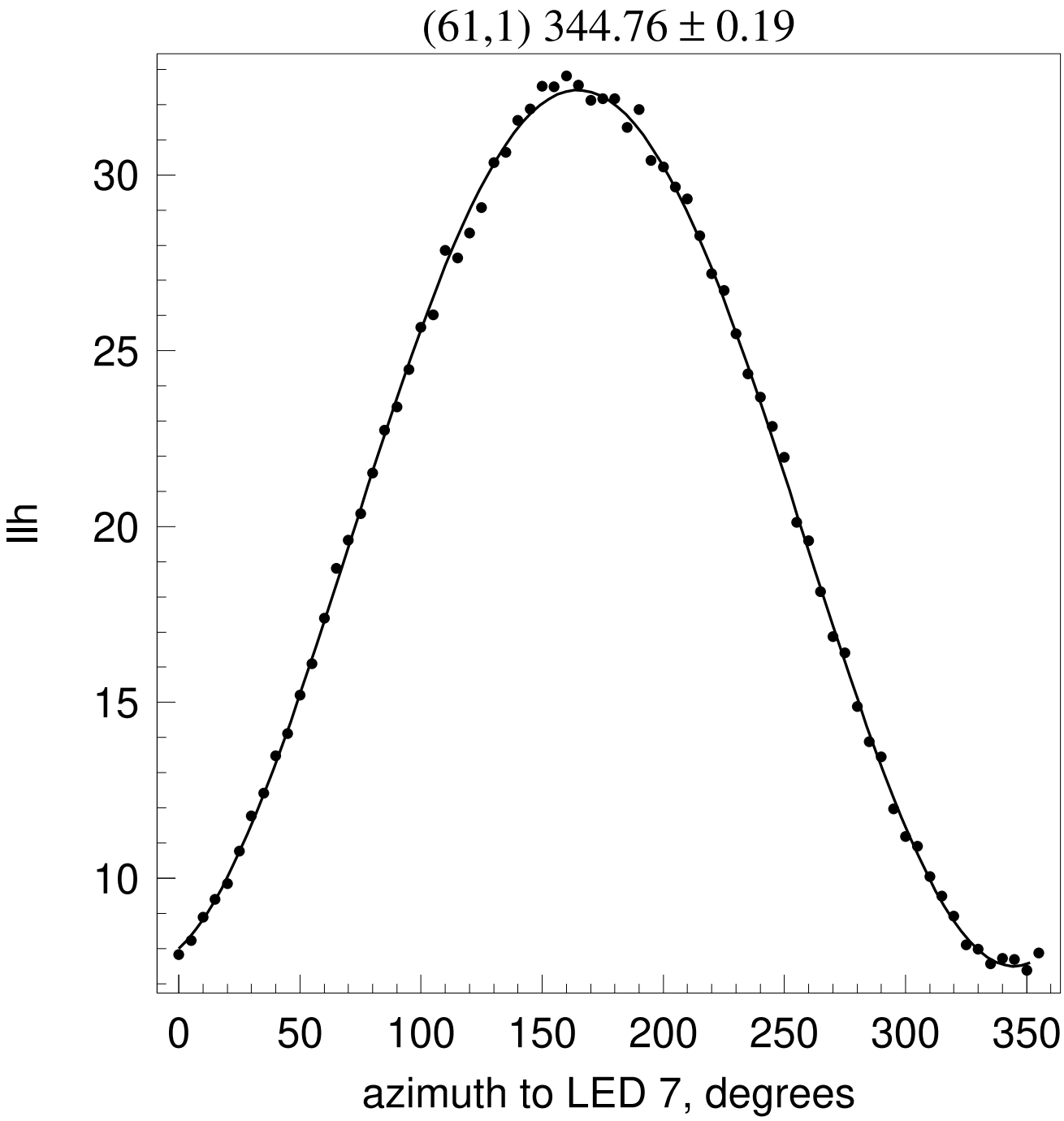

(60,56) 181.80 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

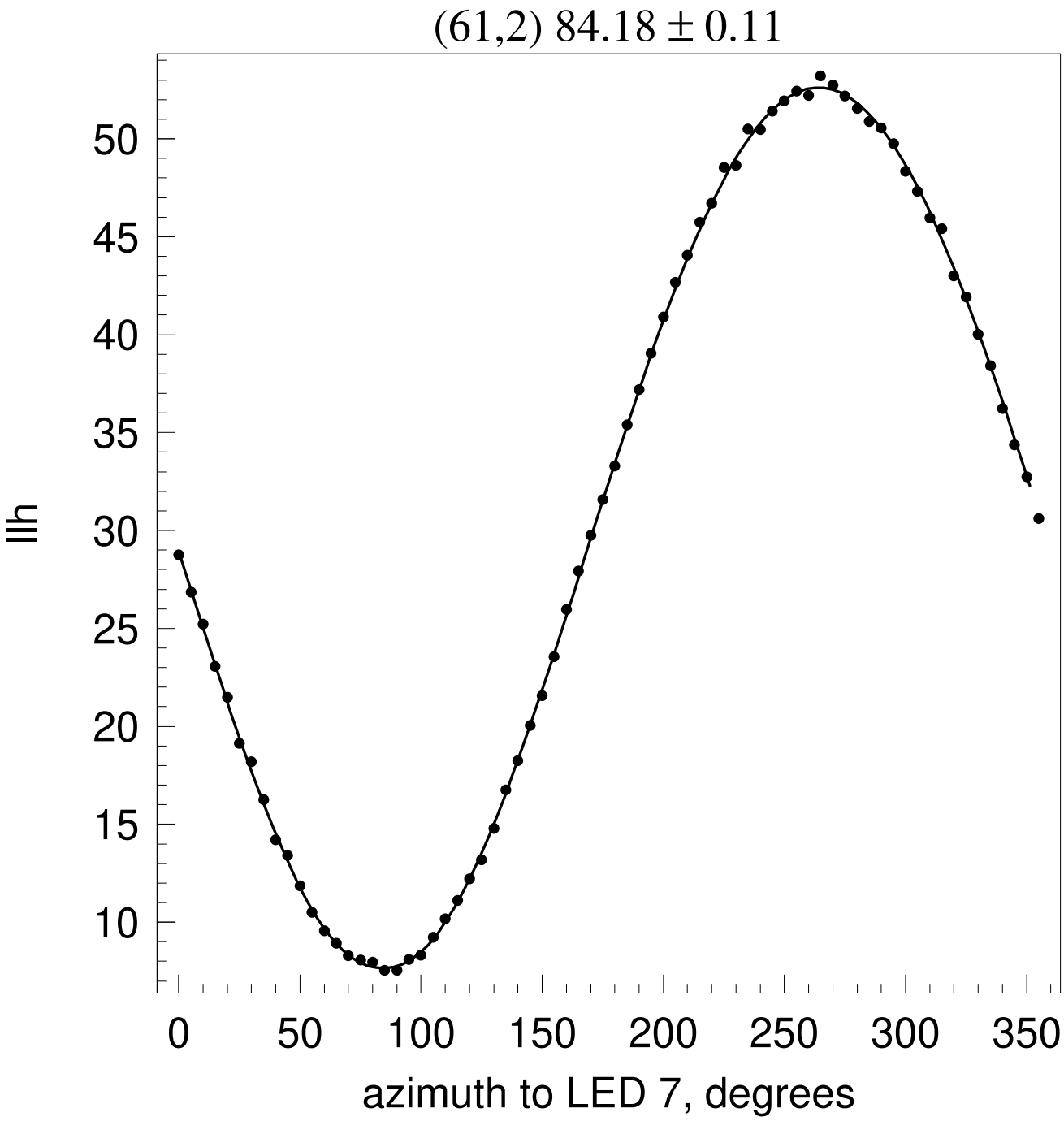

(60,57) 308.29 ± 0.05
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

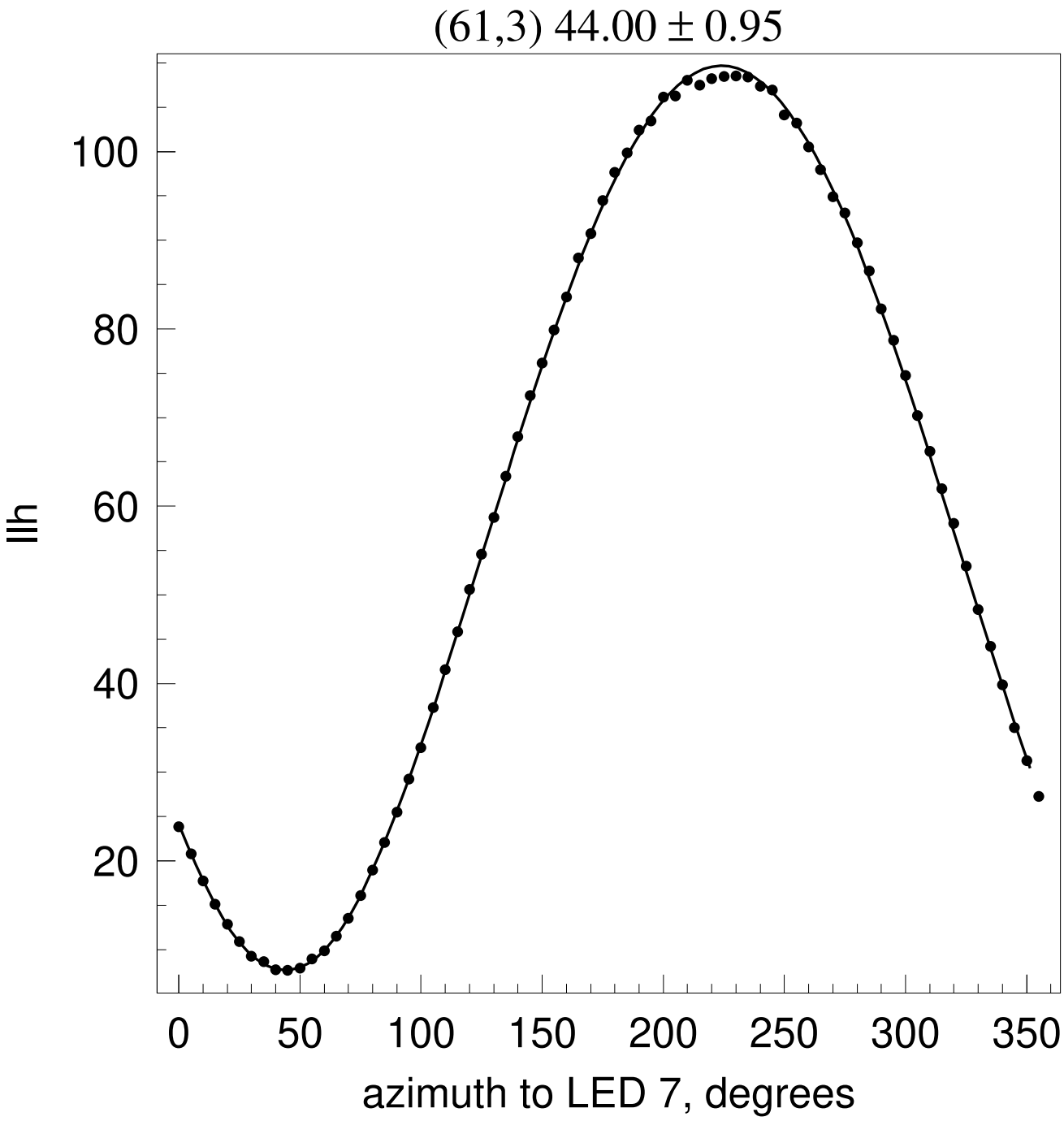

(60,58) 287.97 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

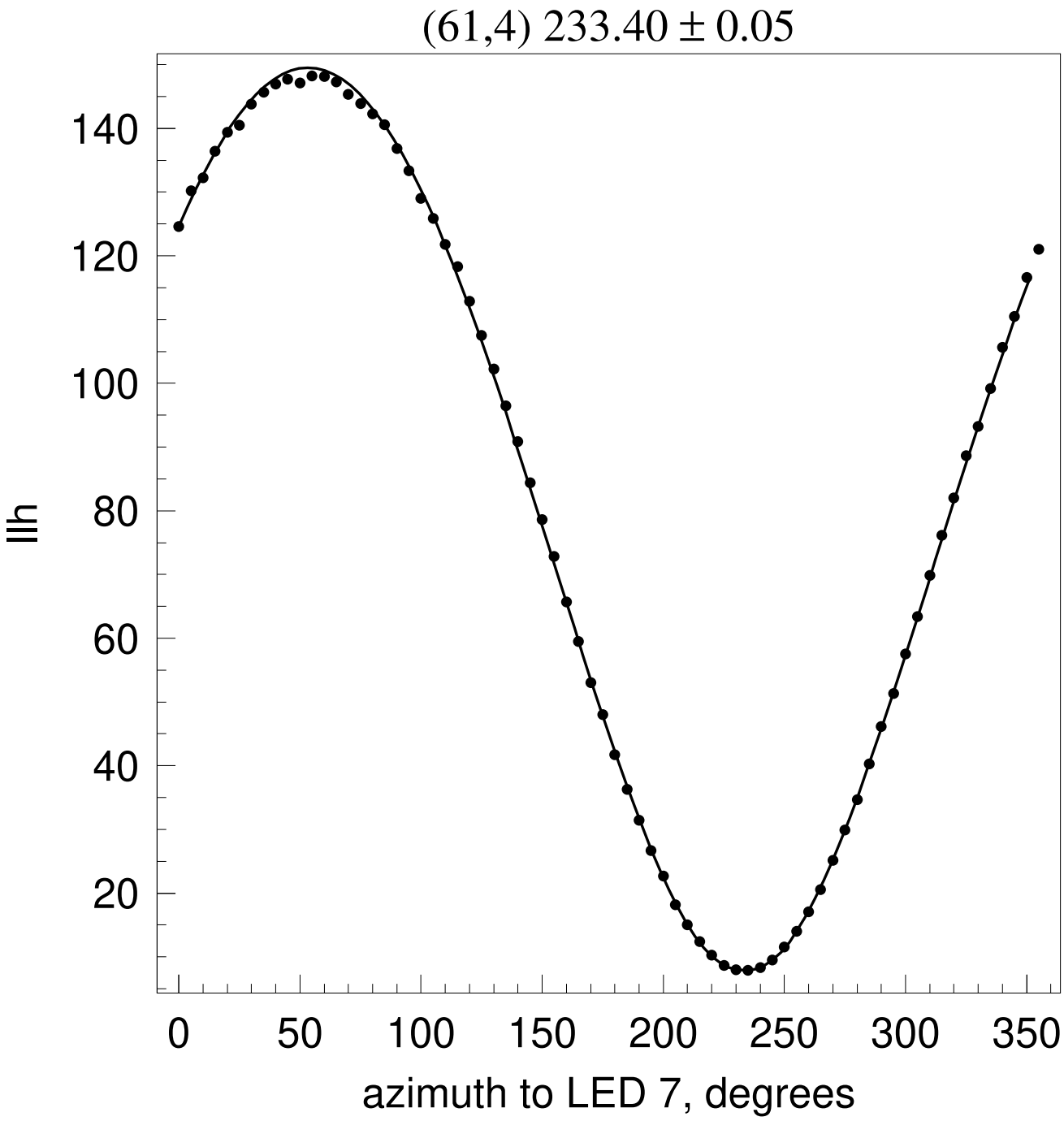

(60,59) 278.24 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

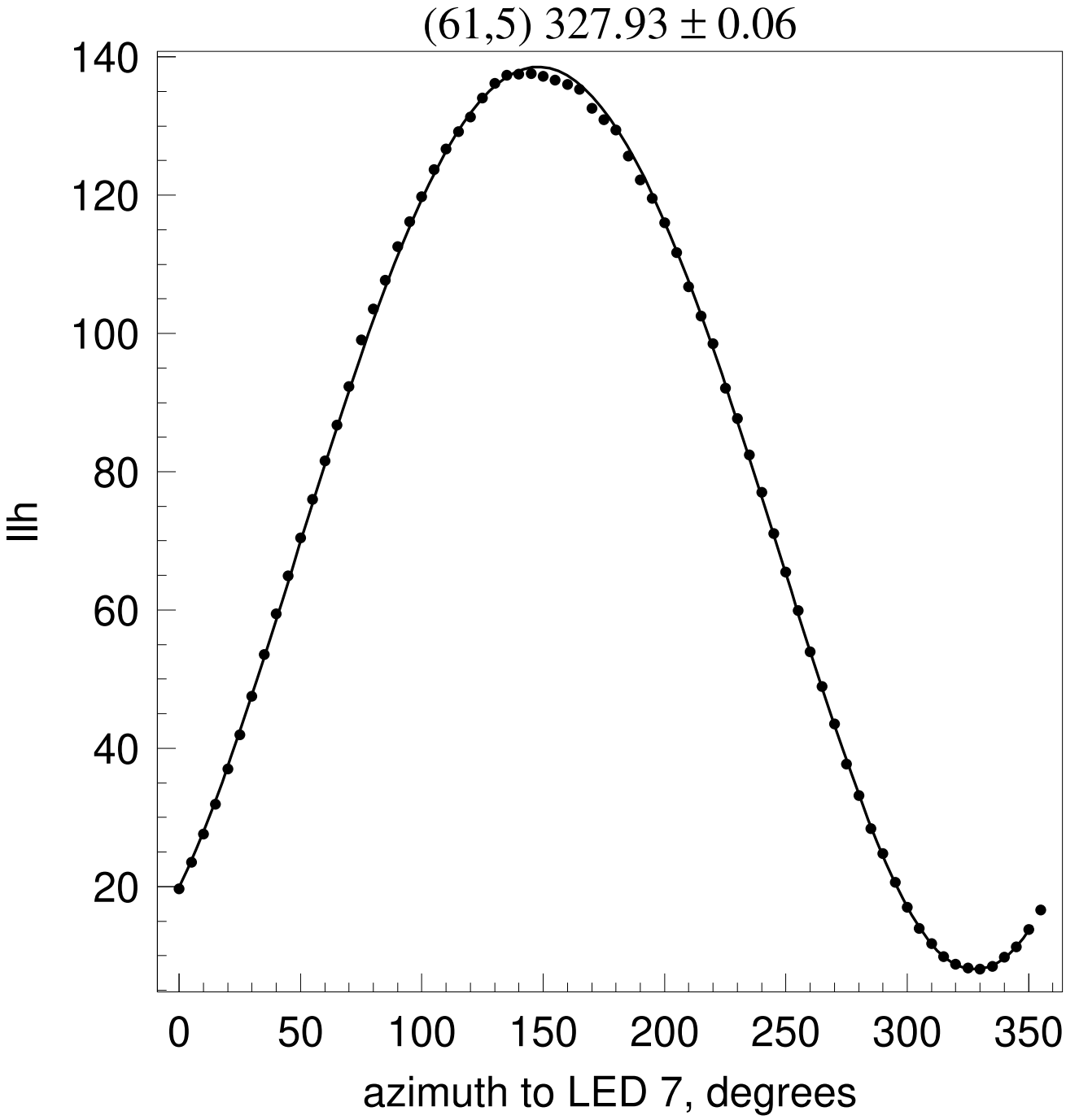

(60,60) 41.09 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

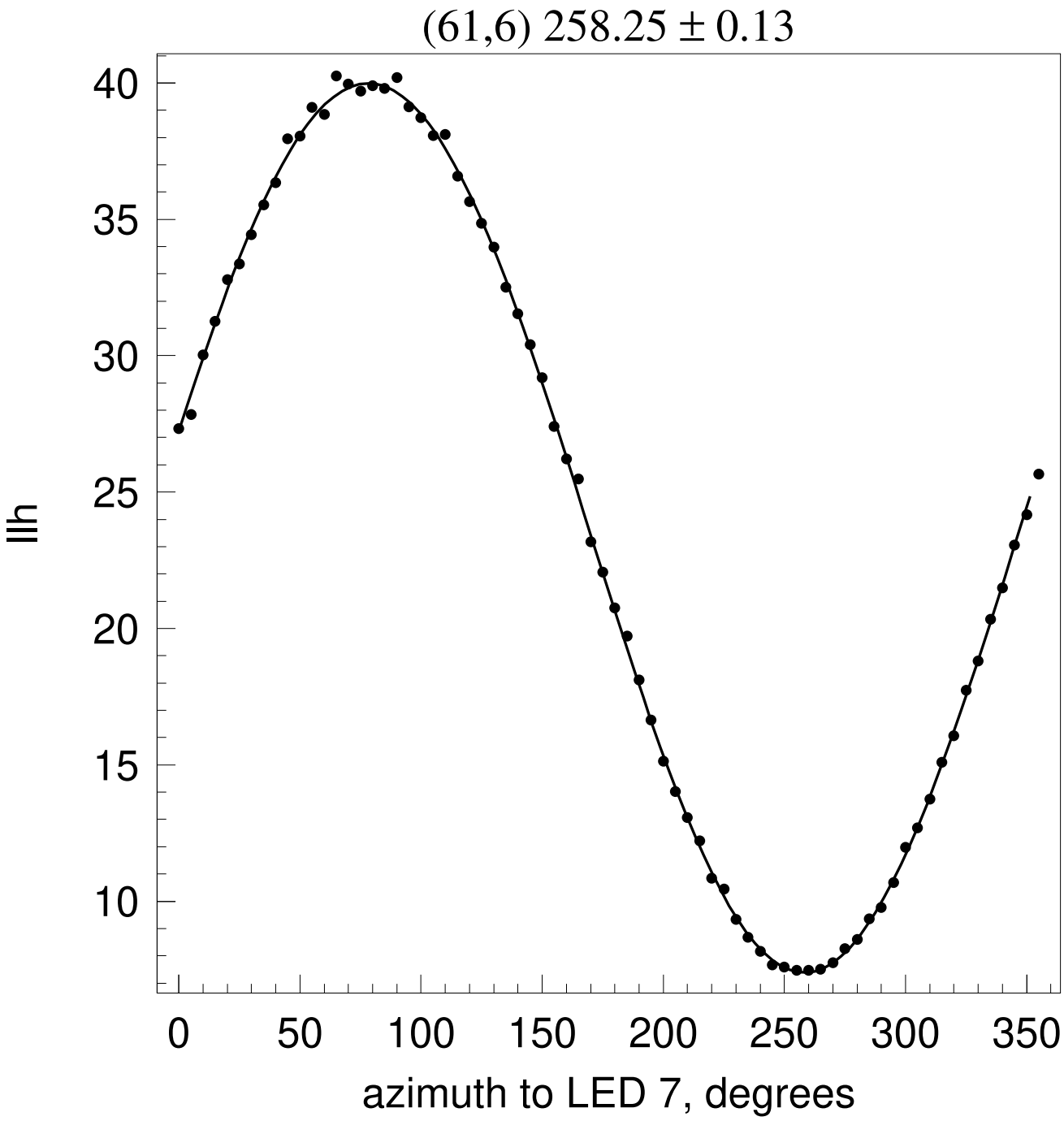

(61,1) 344.76 ± 0.19
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

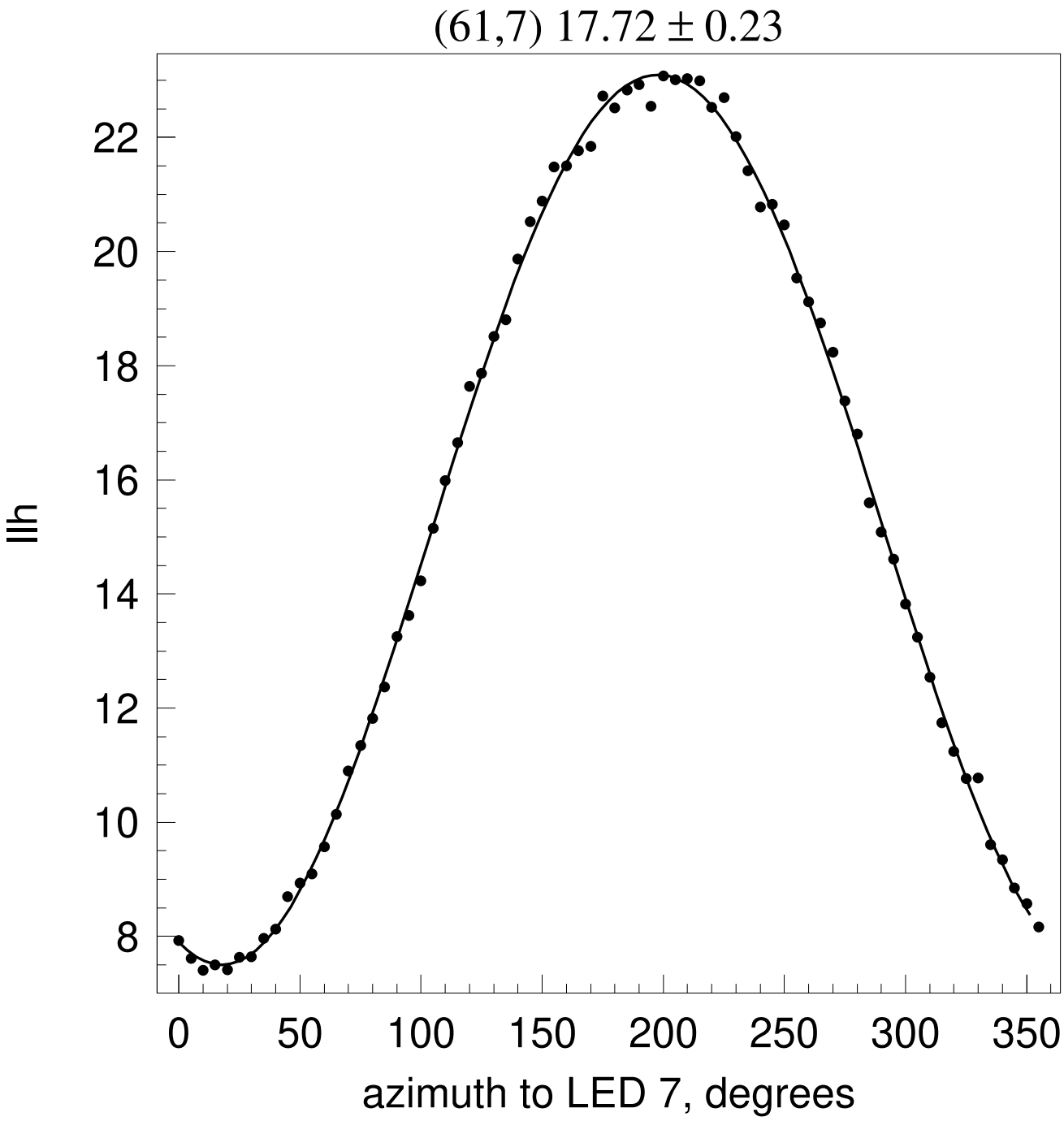

(61,2) 84.18 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

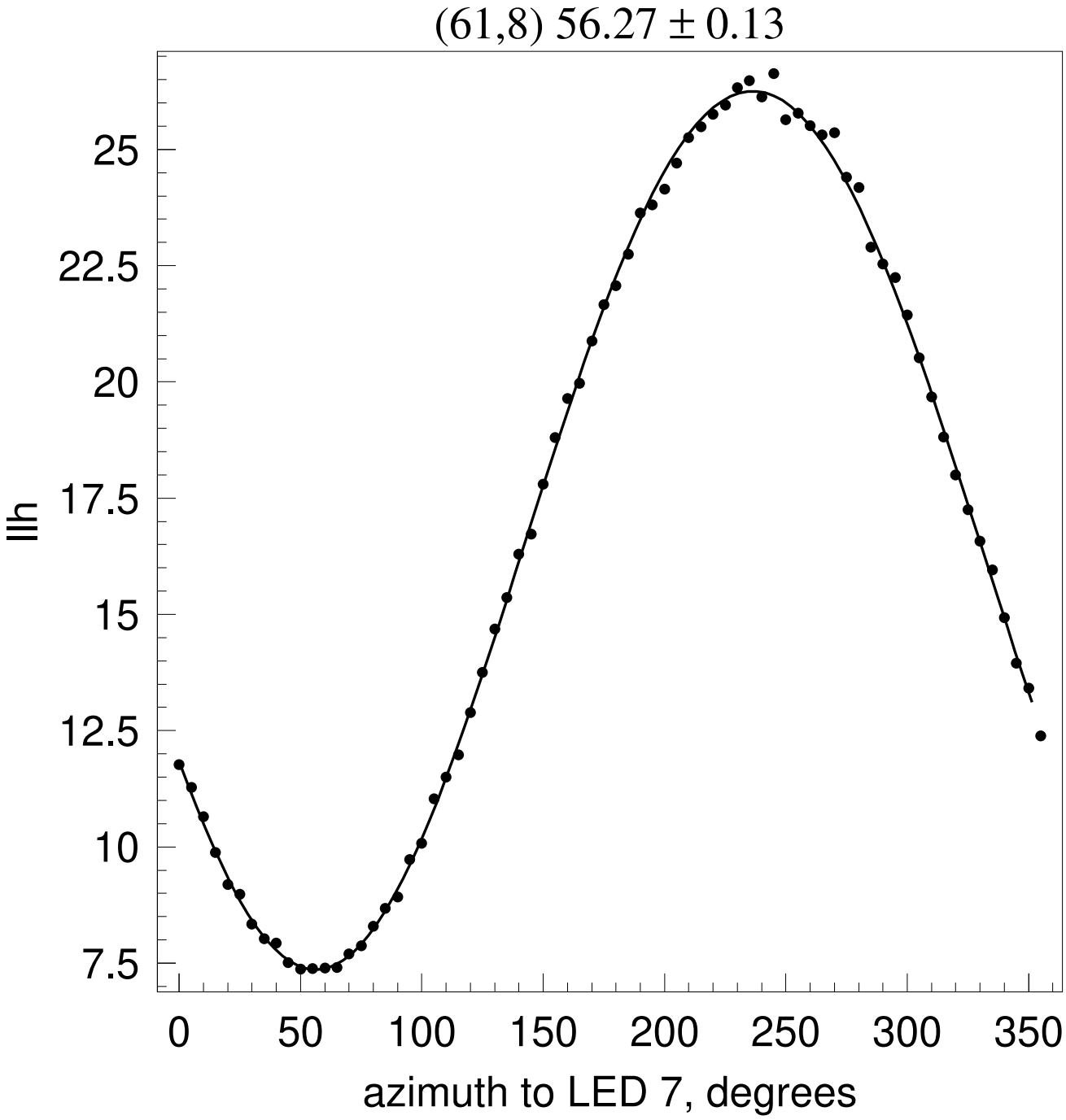

(61,3) 44.00 ± 0.95
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

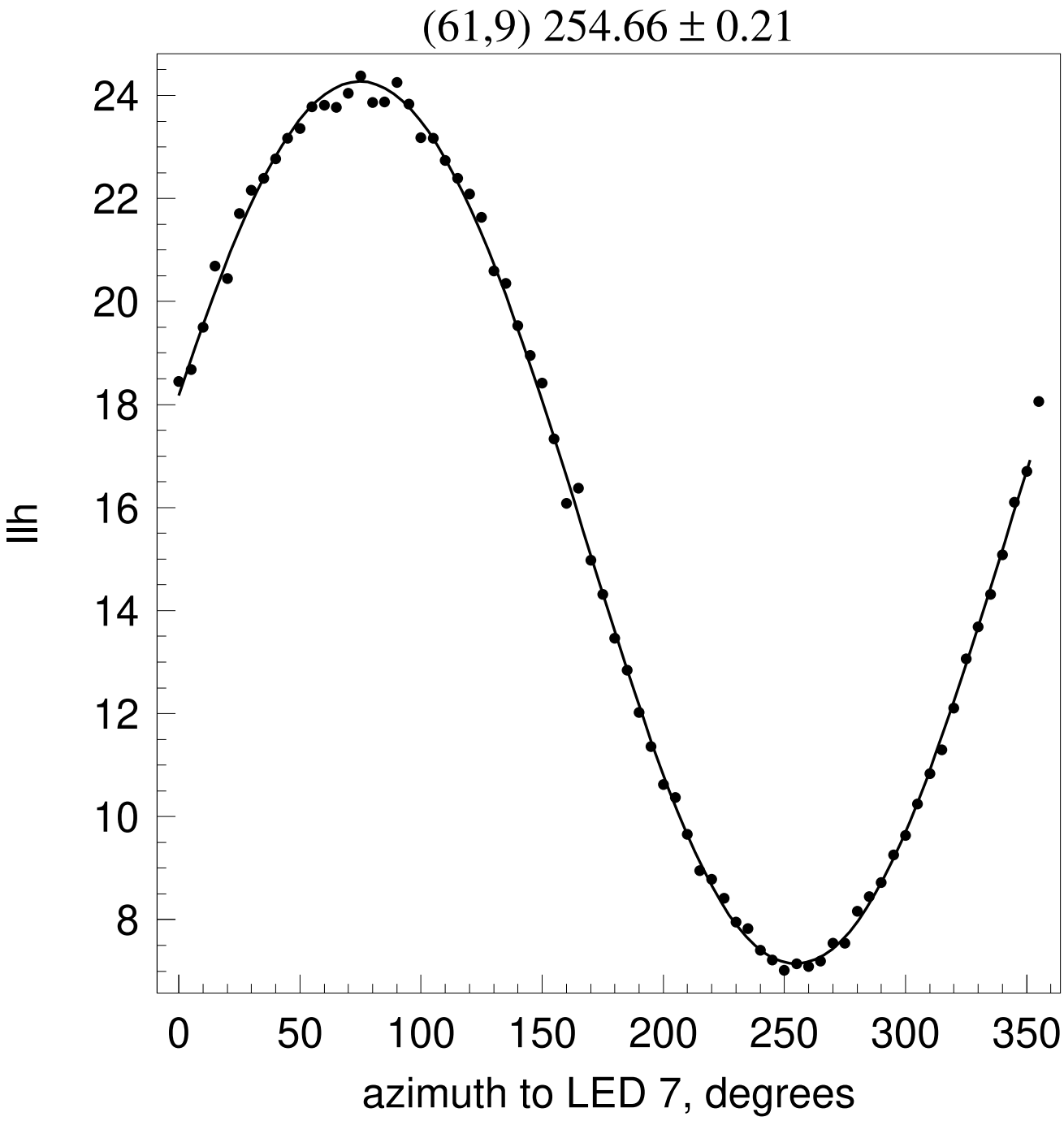

(61,4) 233.40 ± 0.05
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

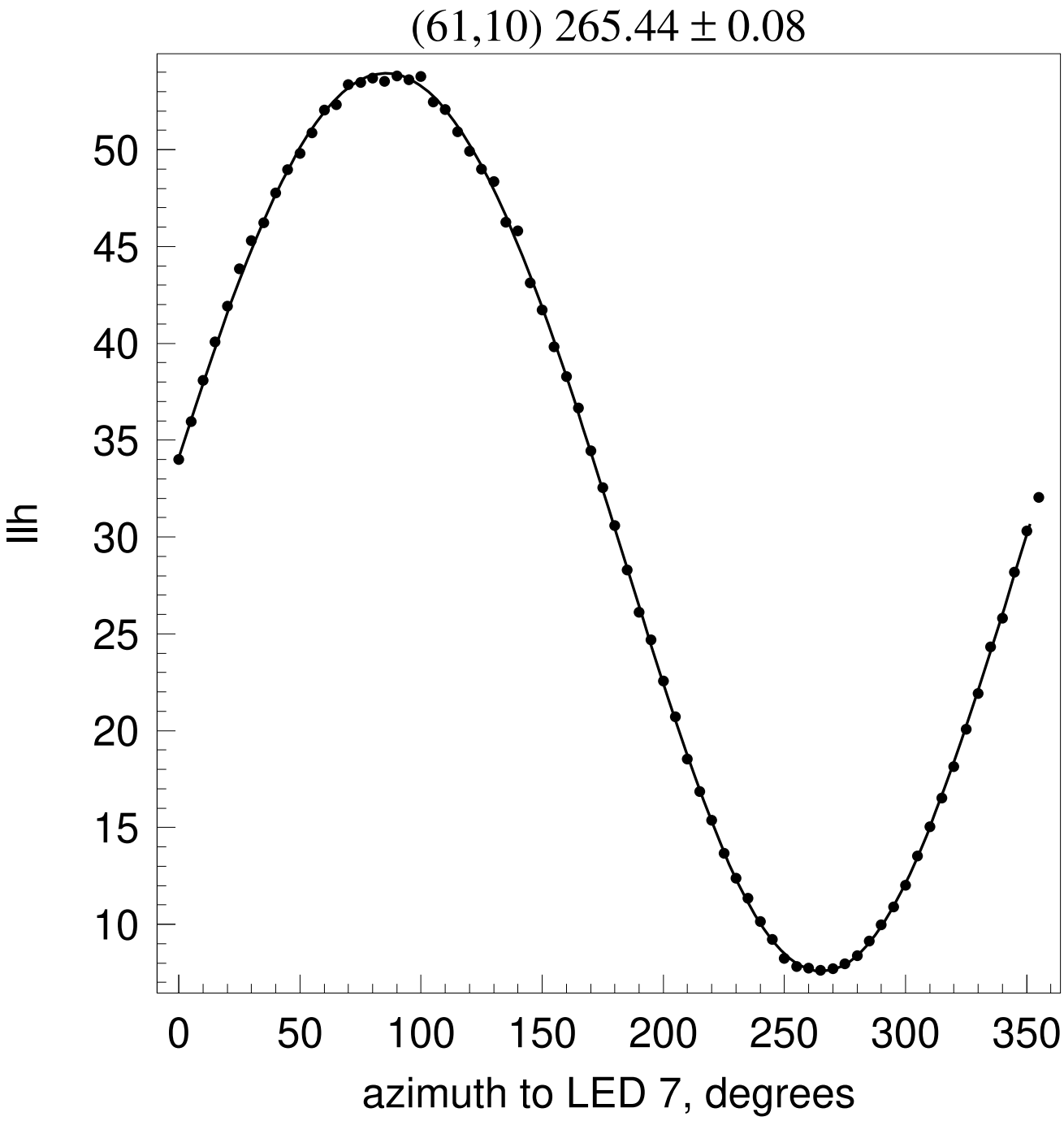

(61,5) 327.93 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

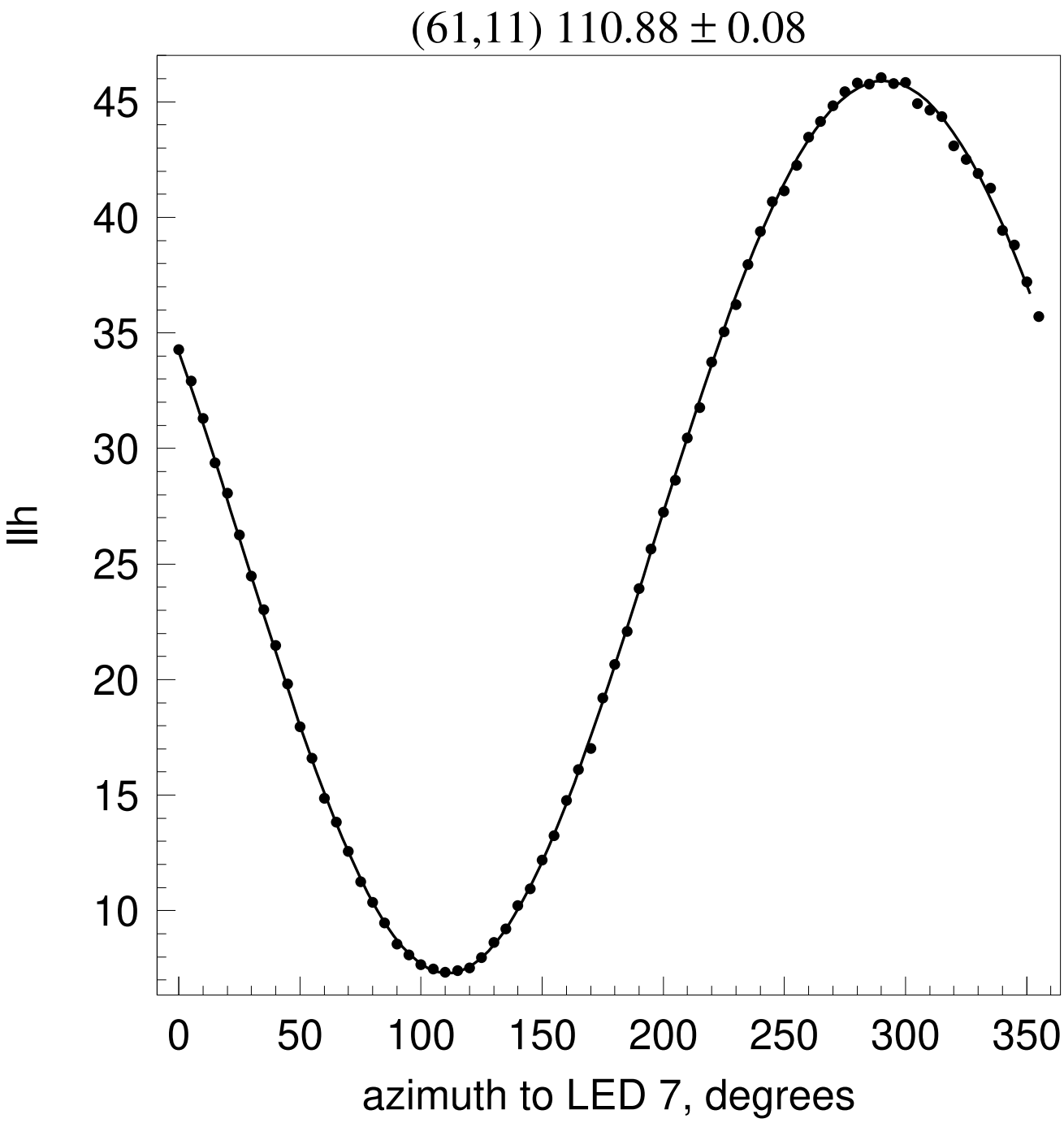

(61,6) 258.25 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

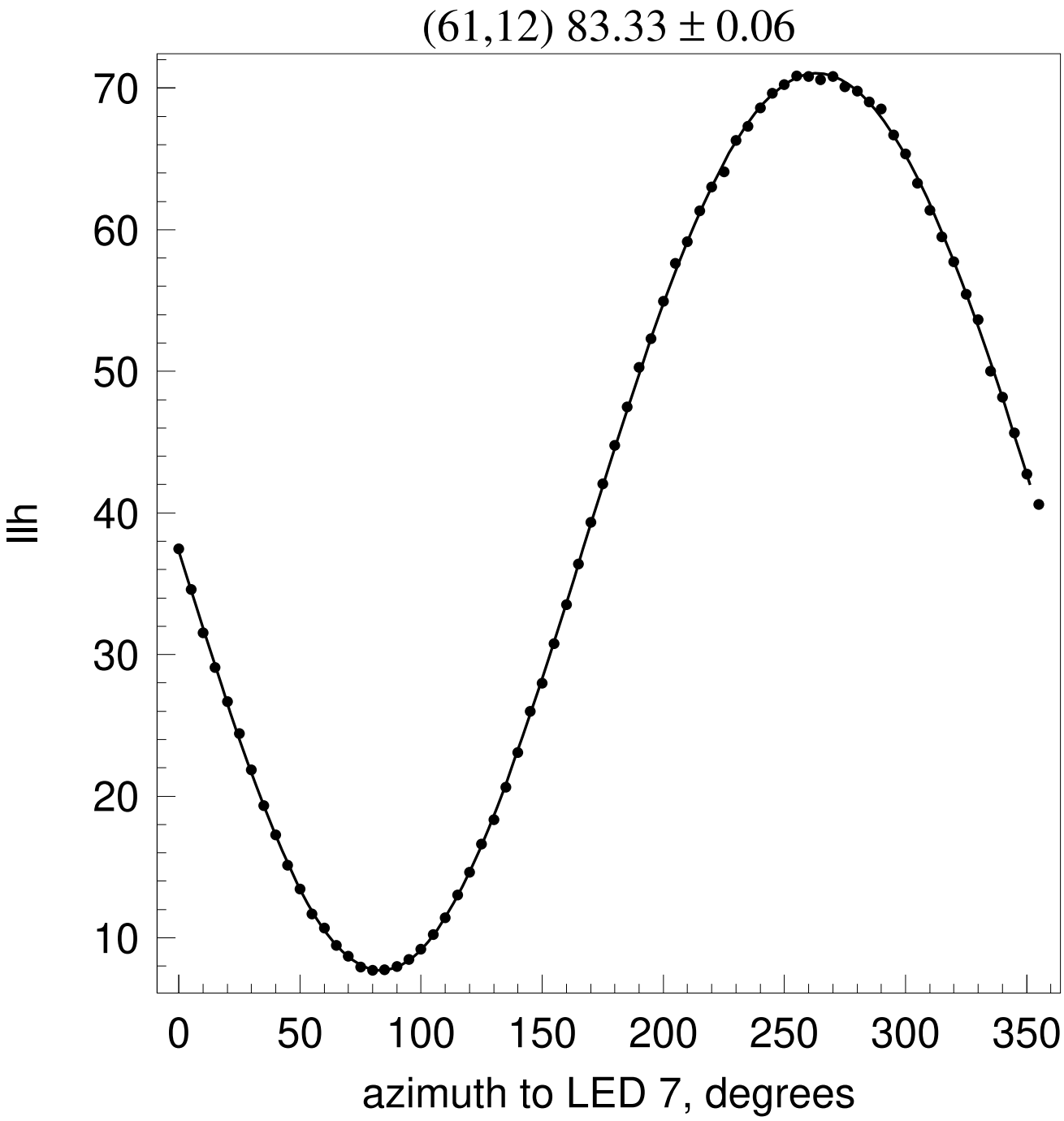

(61,7) 17.72 ± 0.23
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

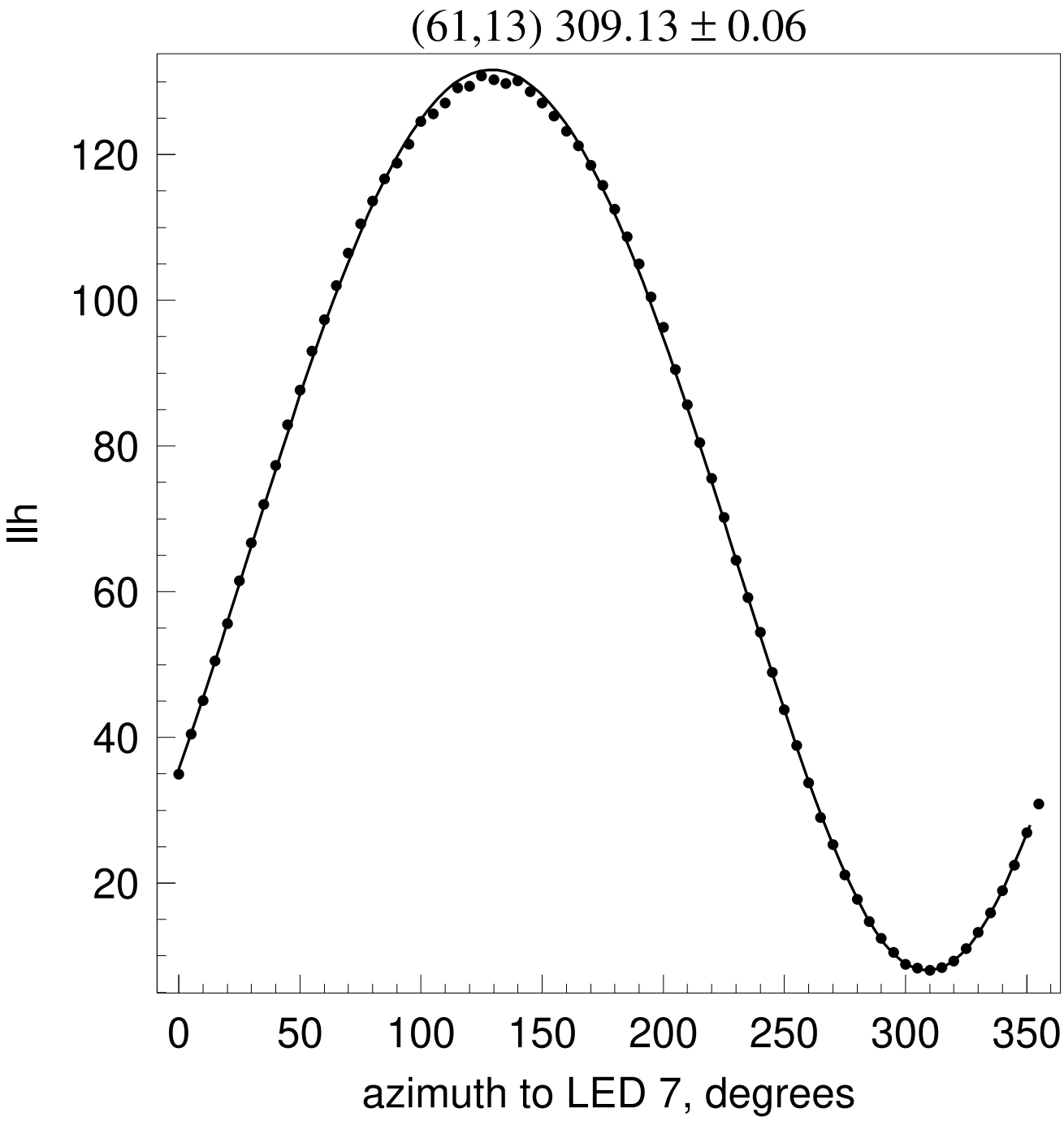

(61,8) 56.27 ± 0.13
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

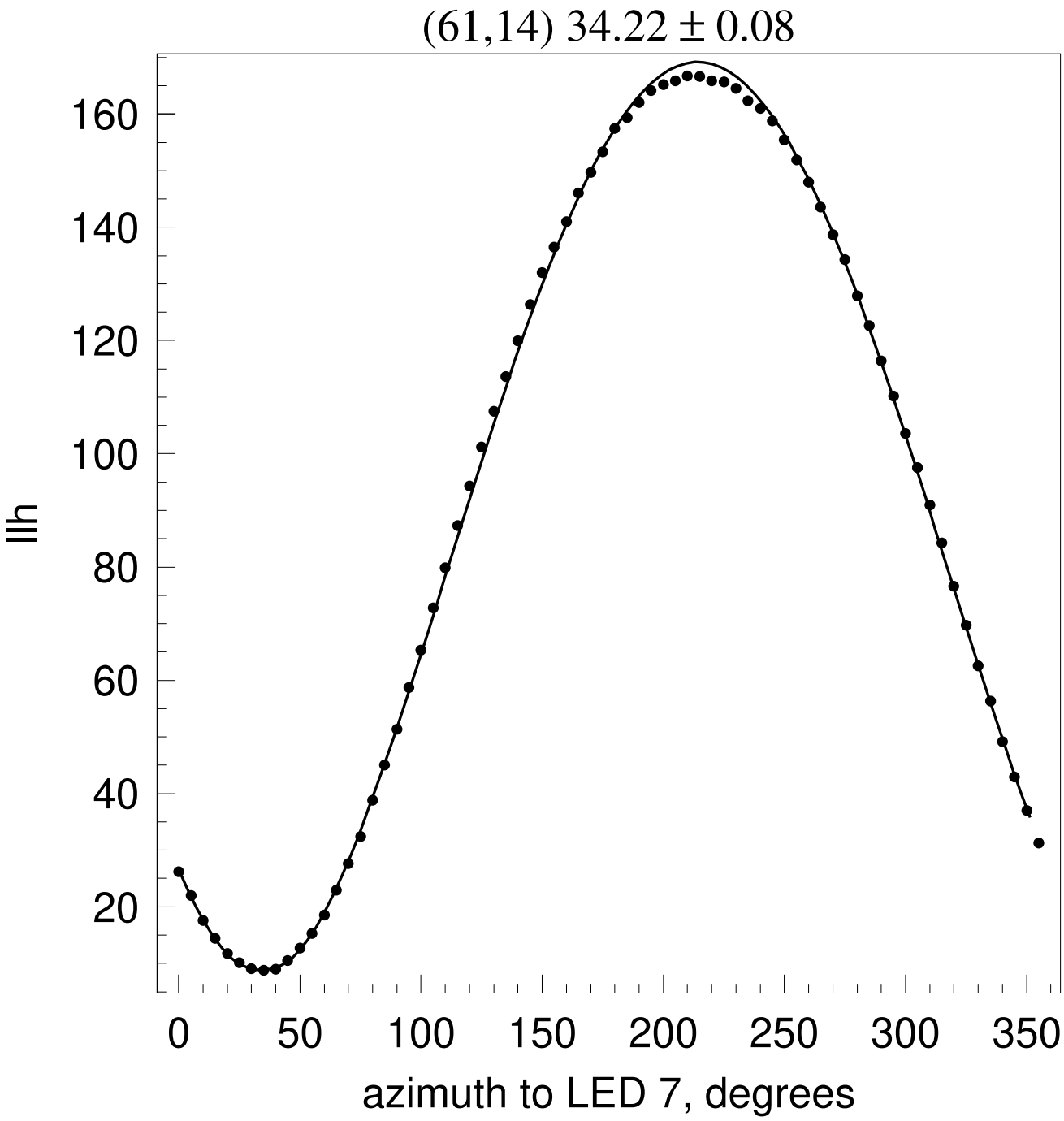

(61,9) 254.66 ± 0.21
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

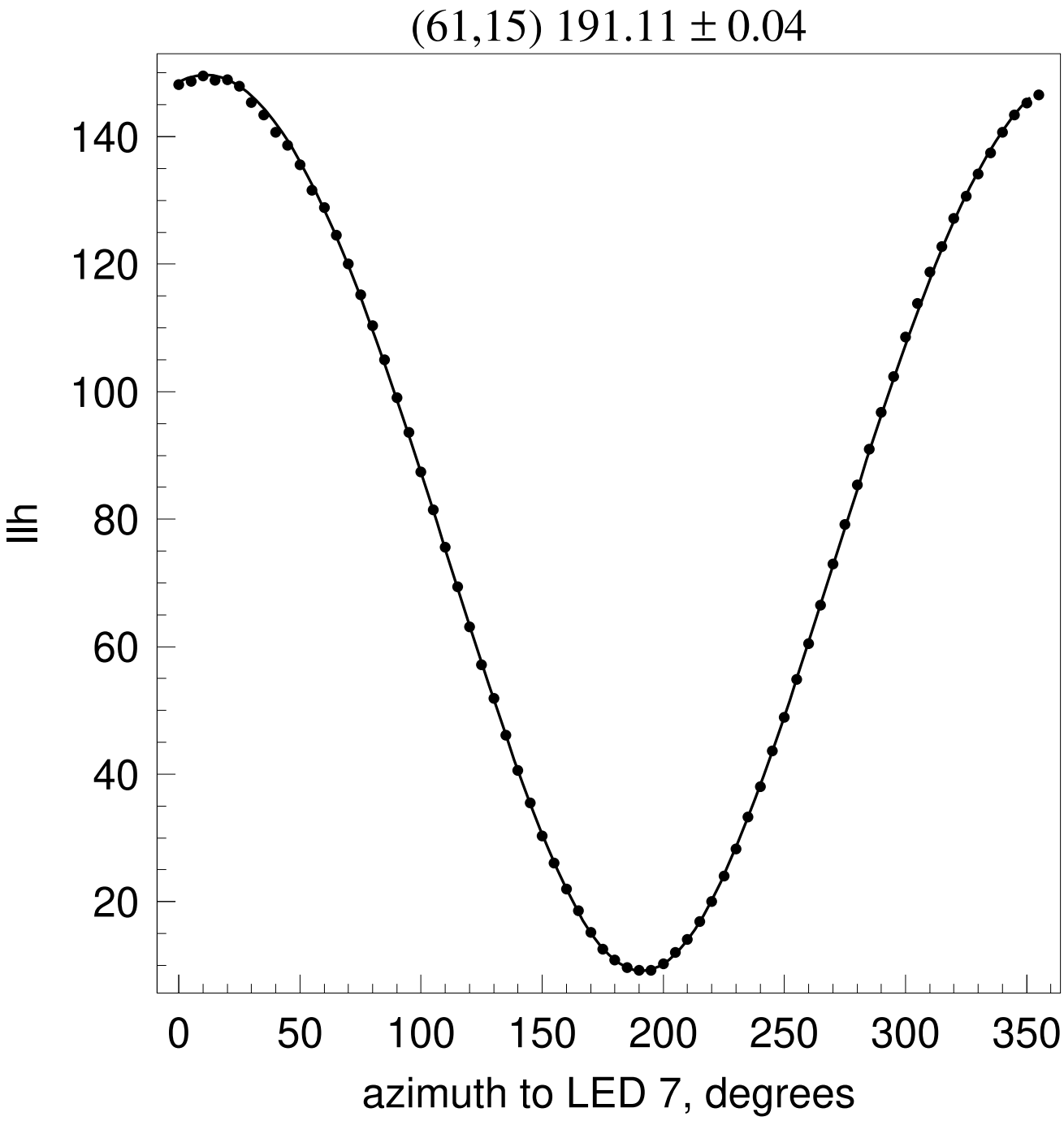

(61,10) 265.44 ± 0.08
IIh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

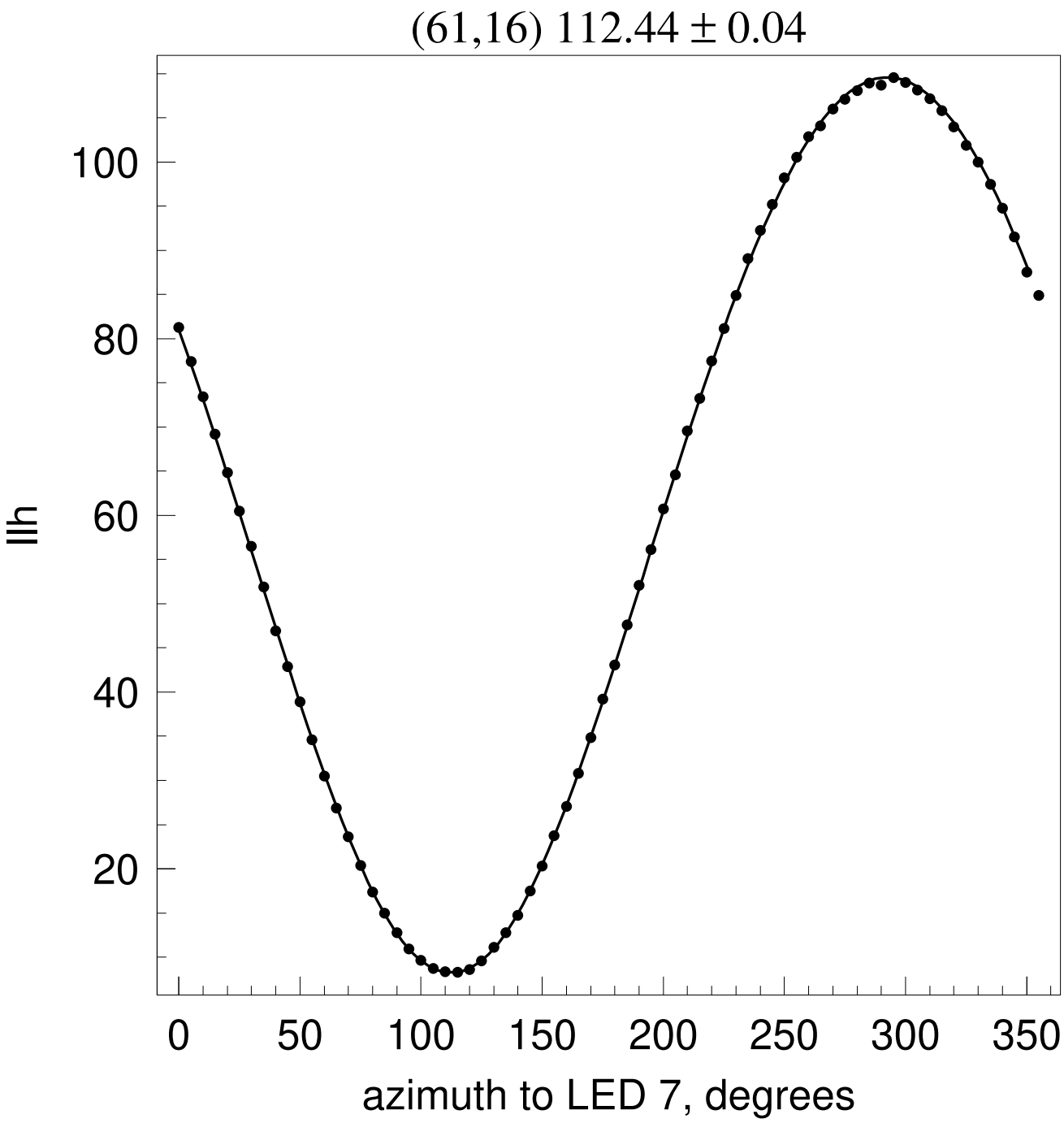

(61,11) 110.88 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

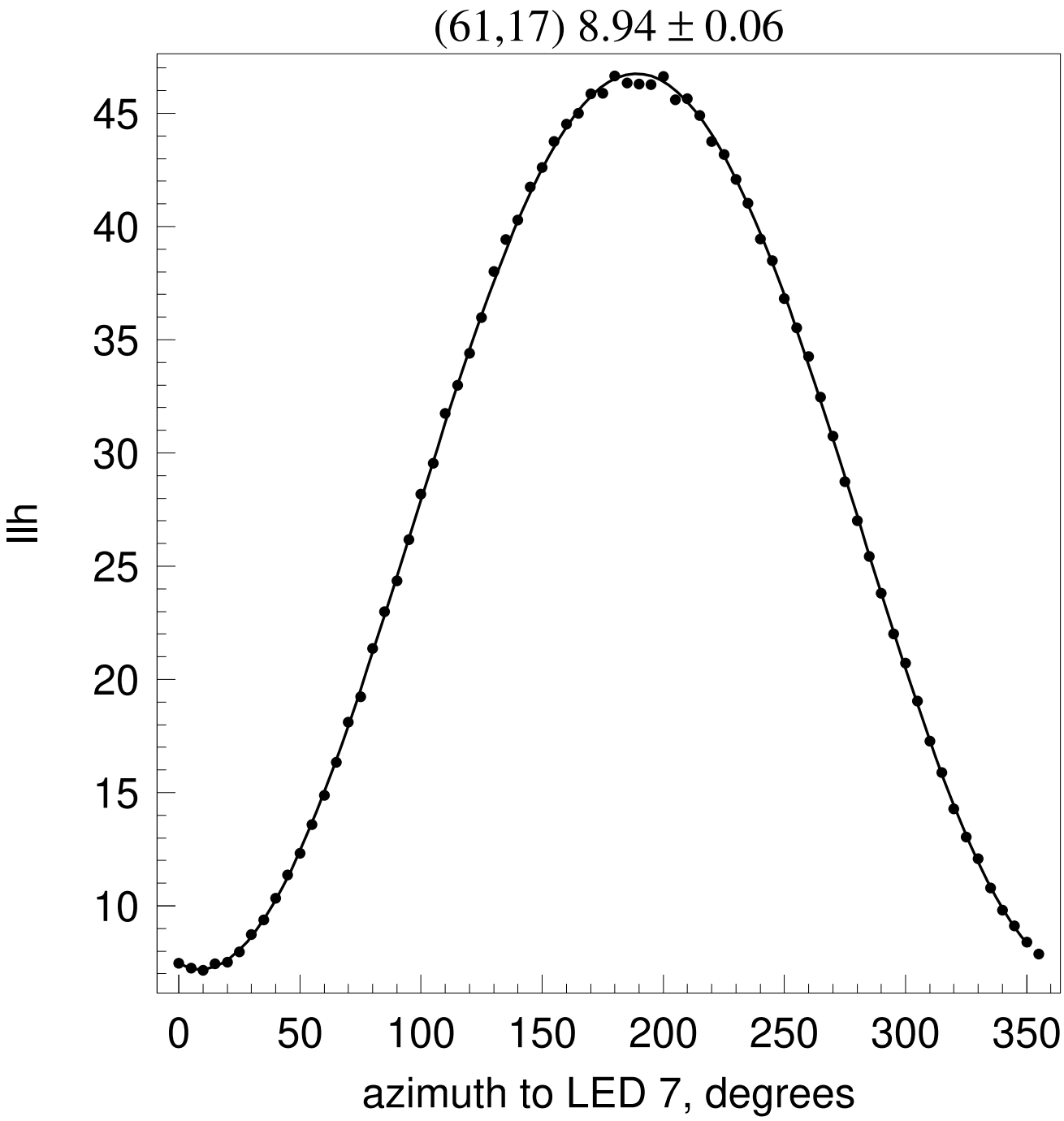

(61,12) 83.33 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

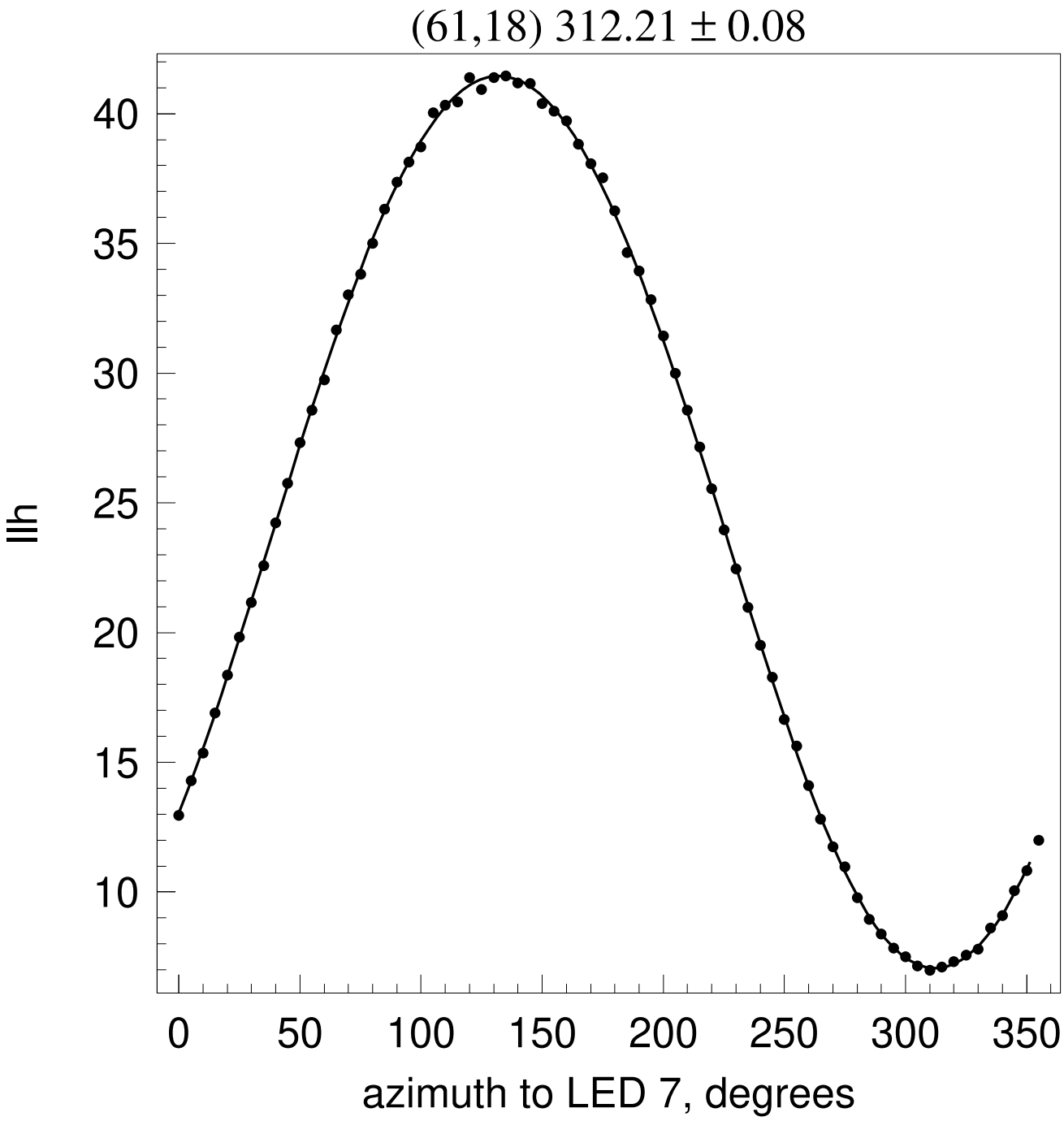

(61,13) 309.13 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

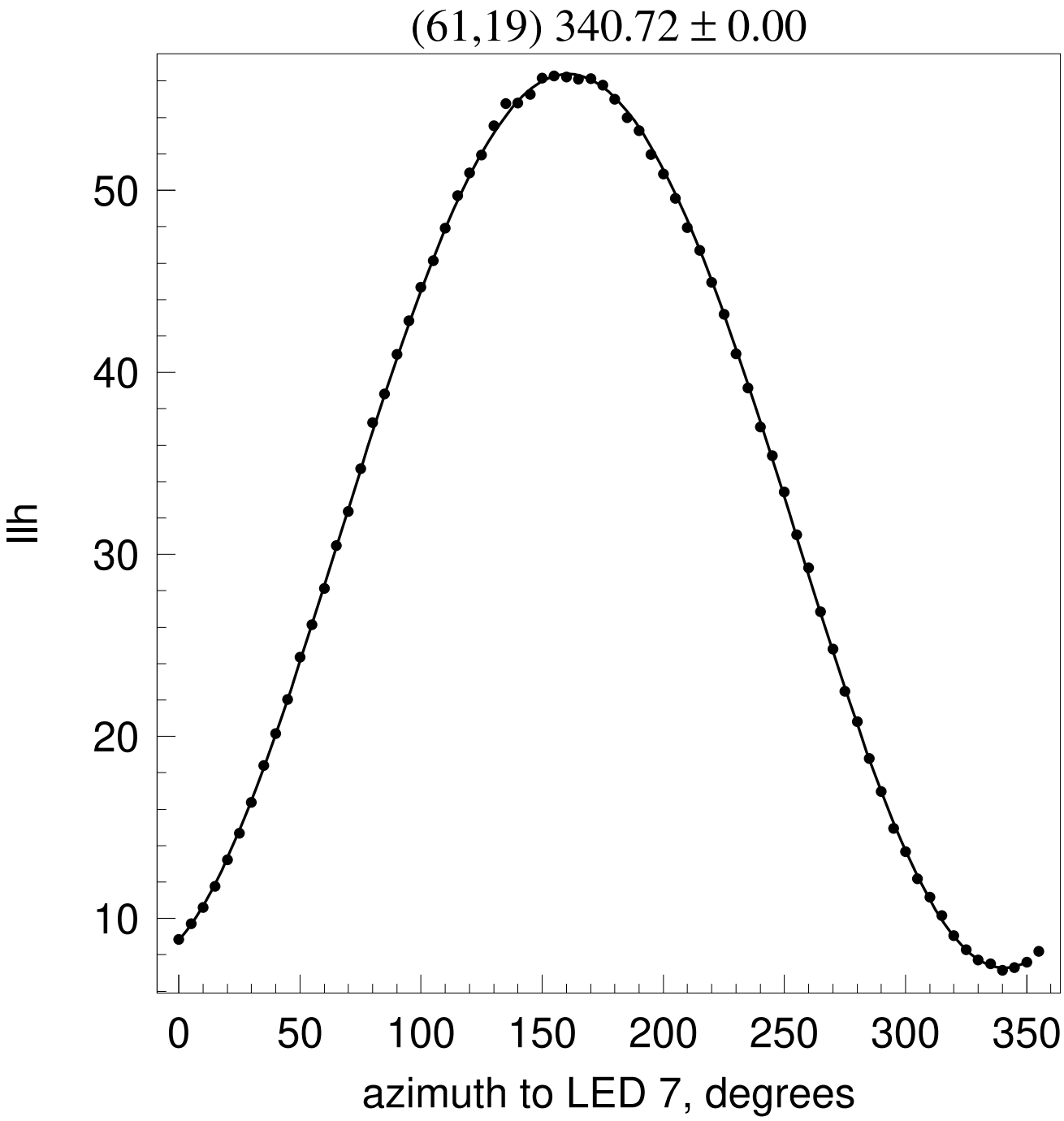

(61,14) 34.22 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

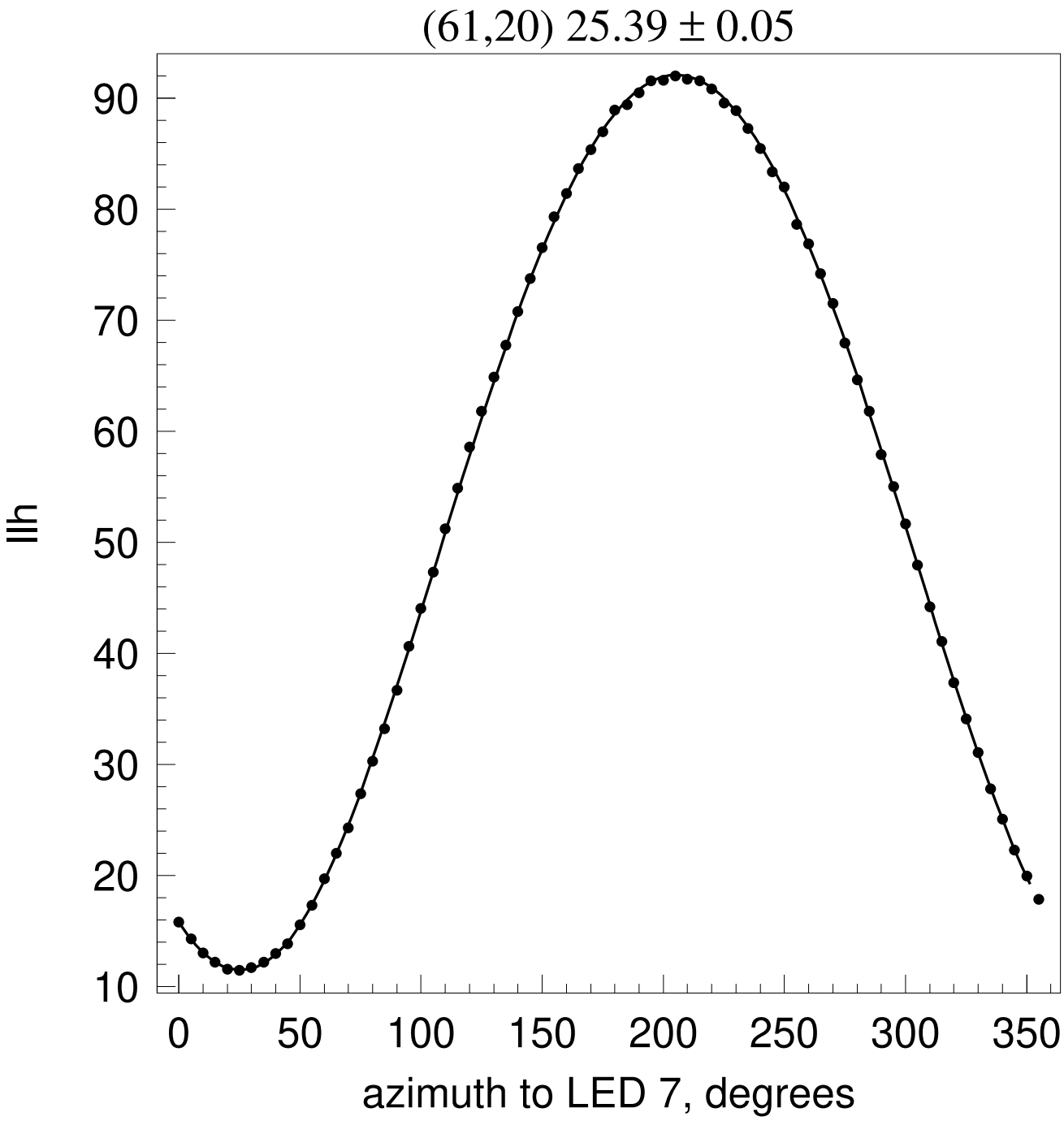

(61,15) 191.11 ± 0.04
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

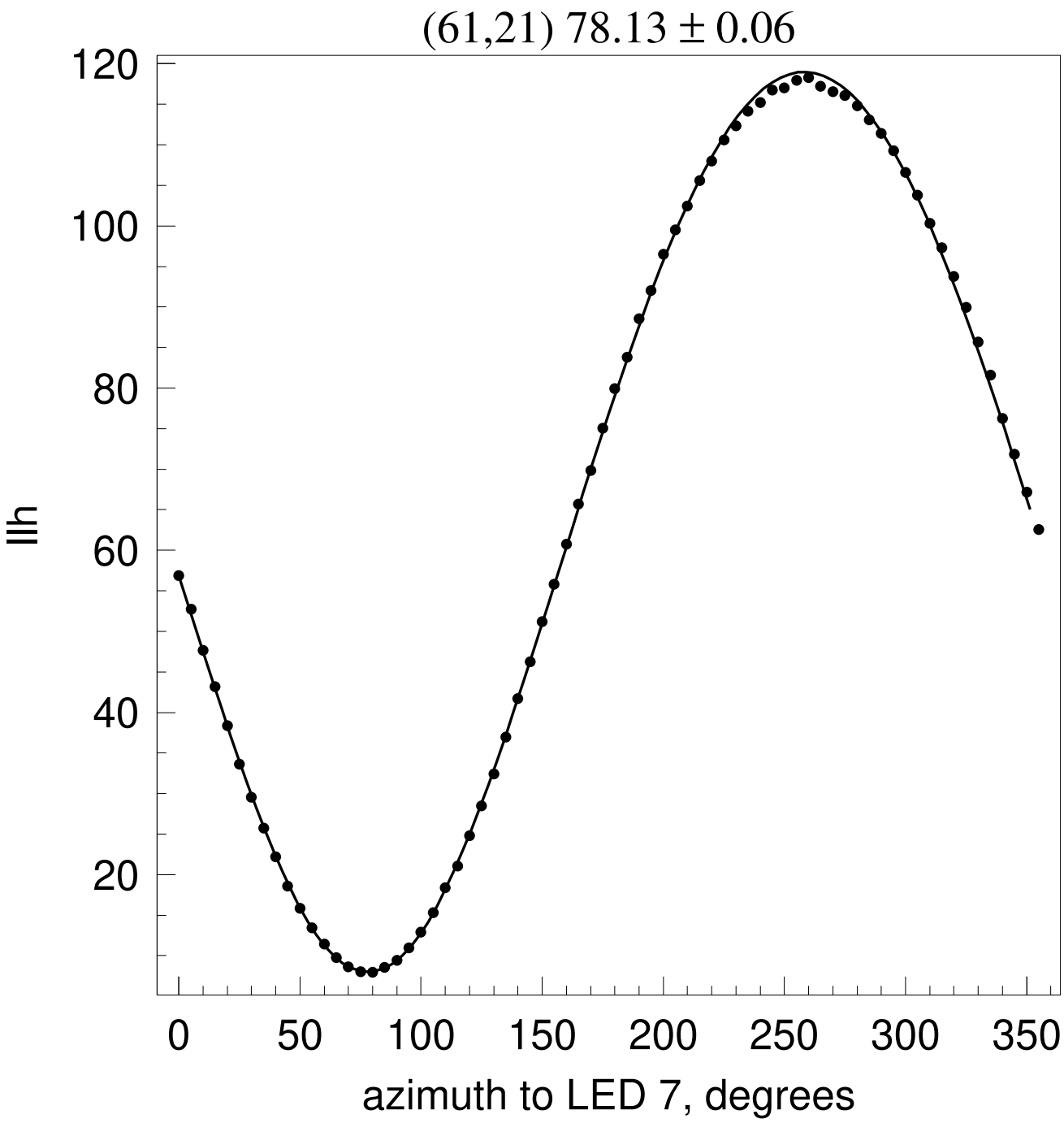

(61,16) 112.44 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

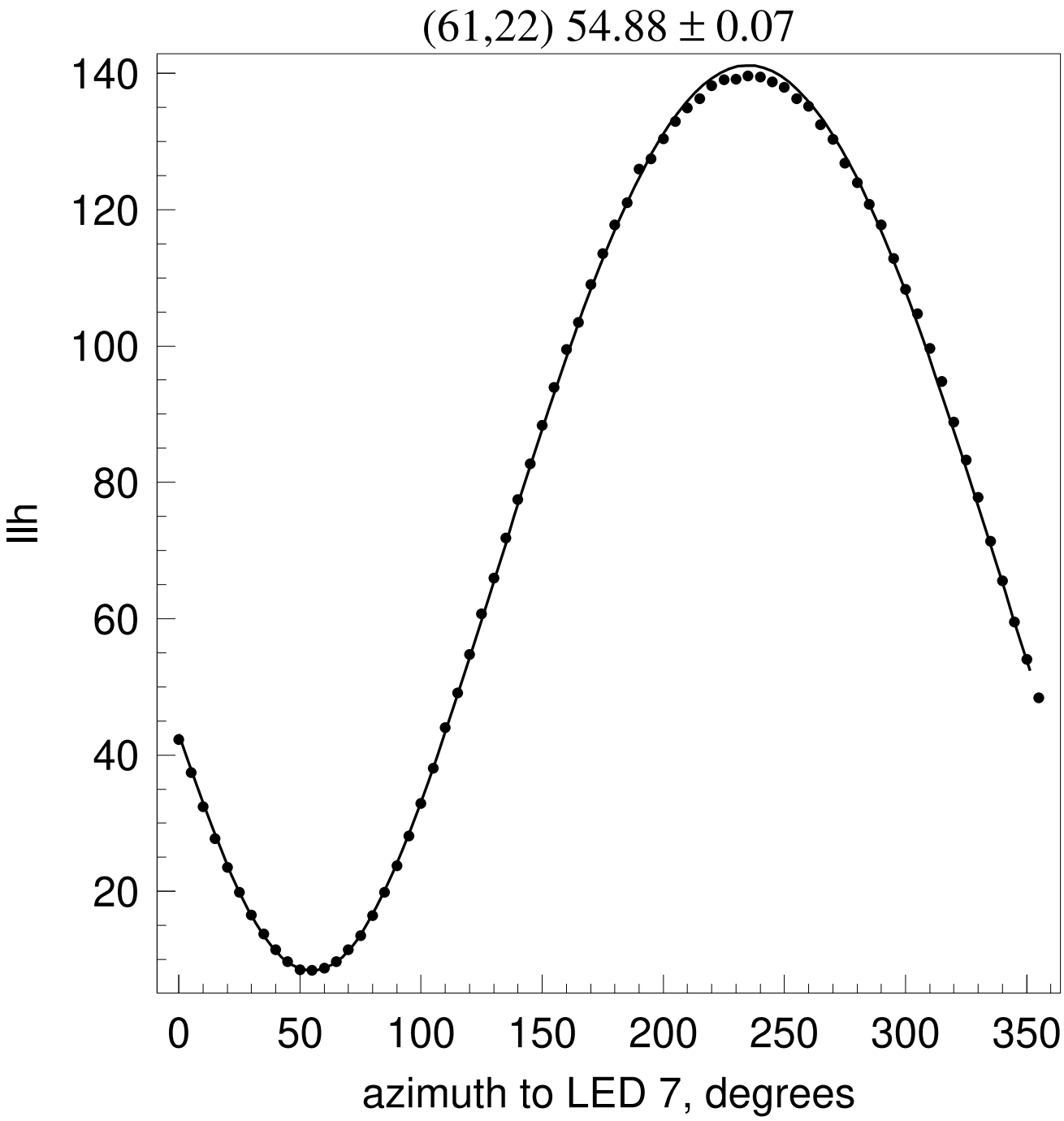

(61,17) 8.94 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

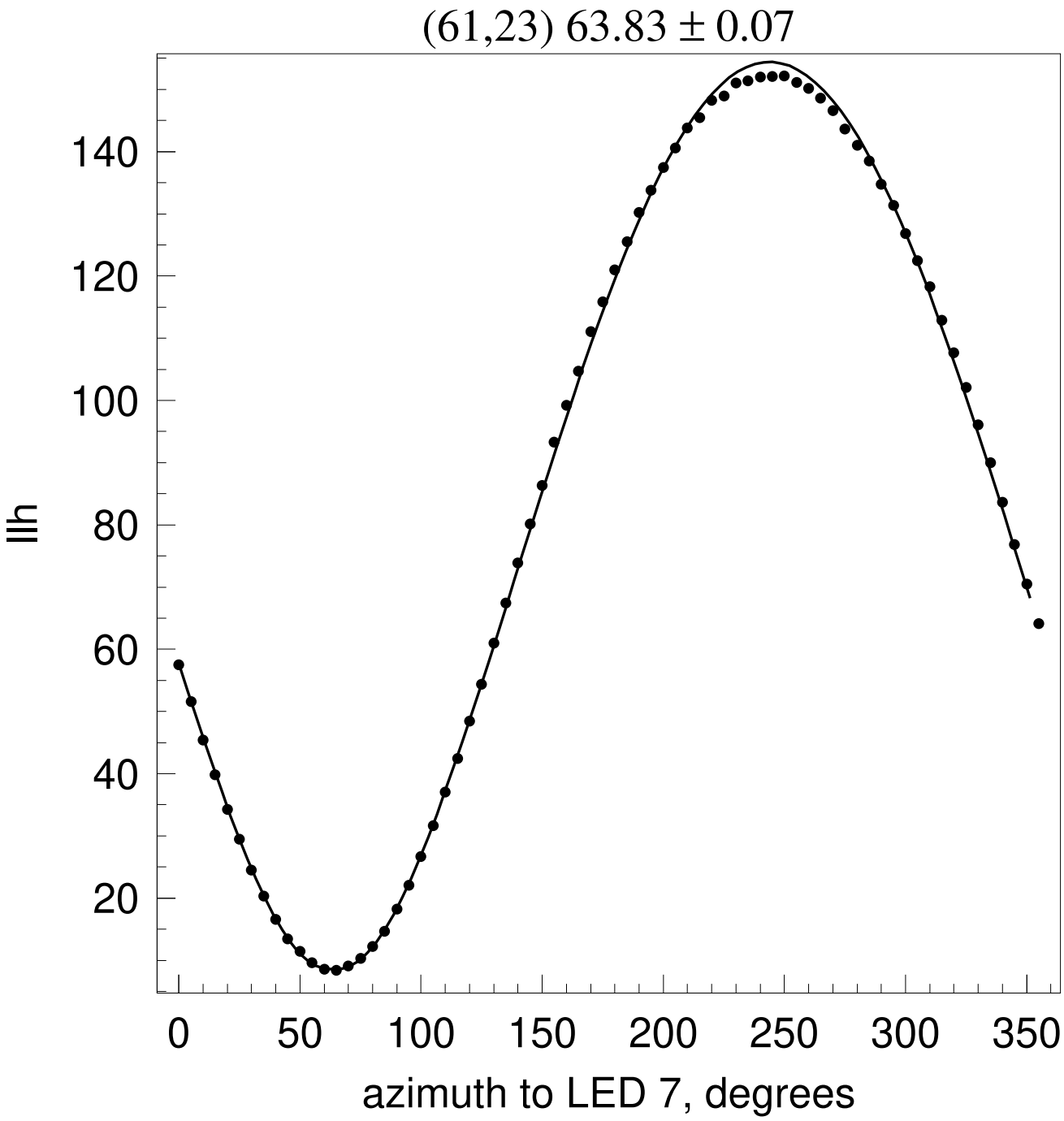

(61,18) 312.21 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

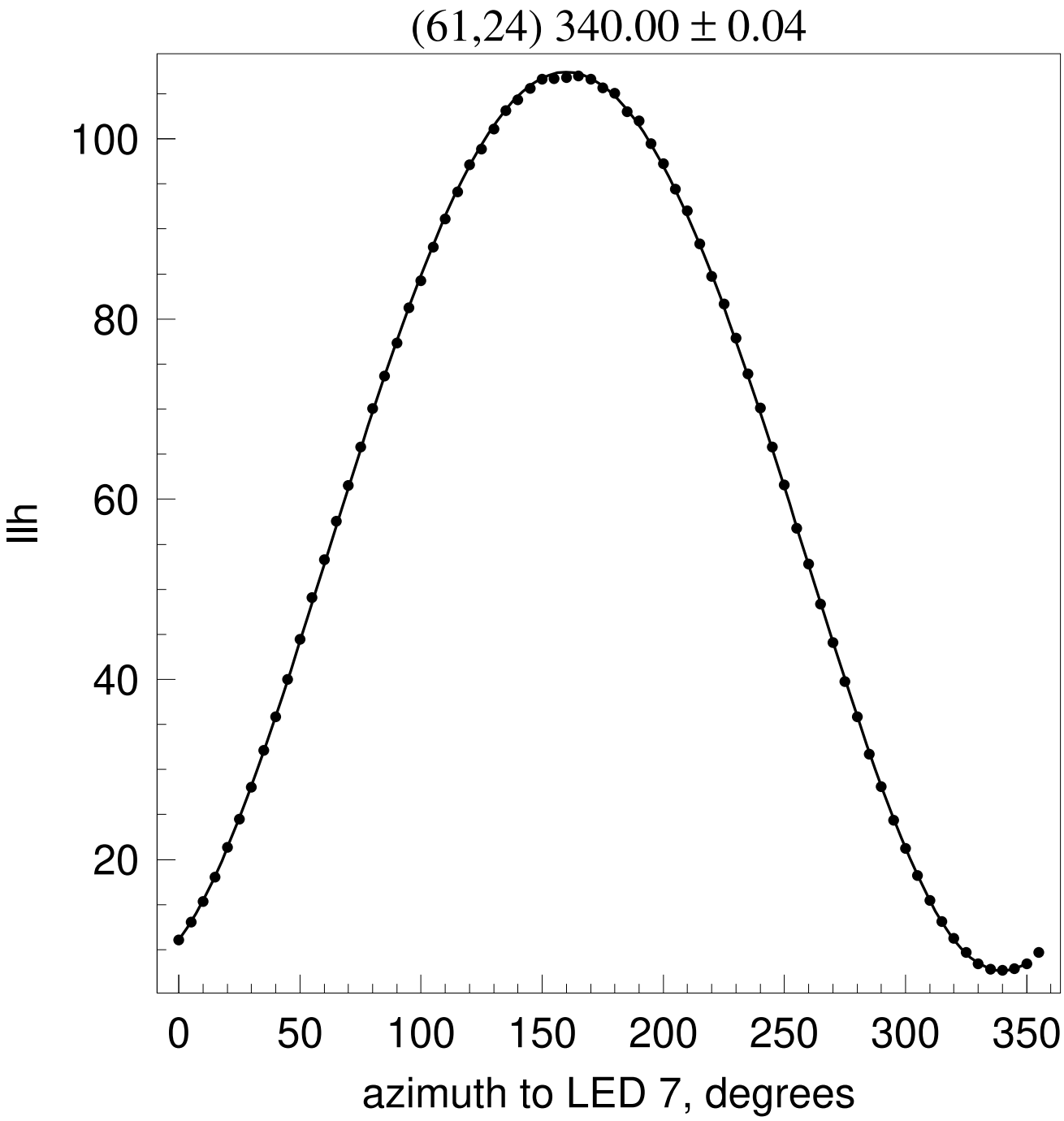

(61,19) 340.72 ± 0.00
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

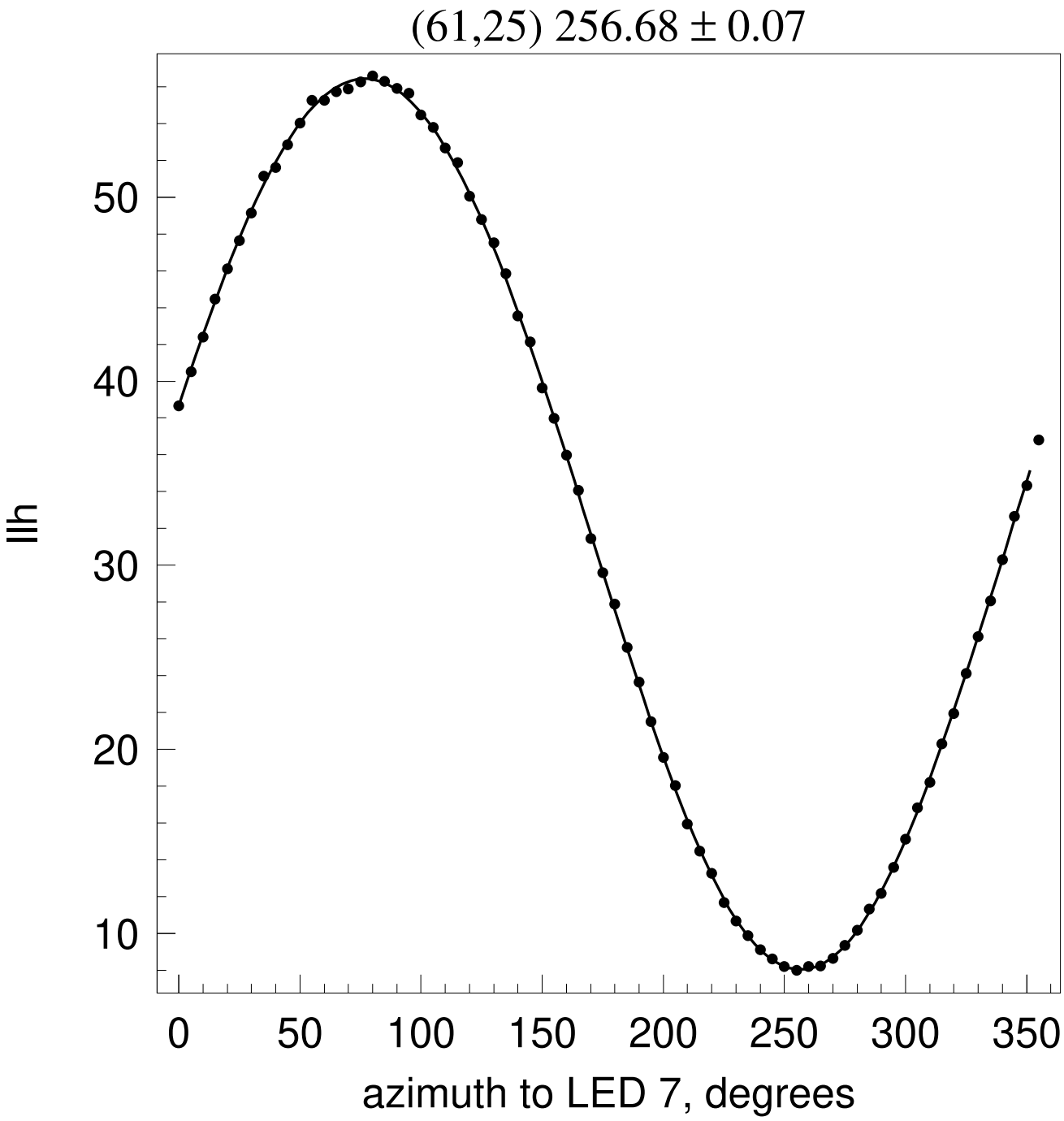

(61,20) 25.39 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

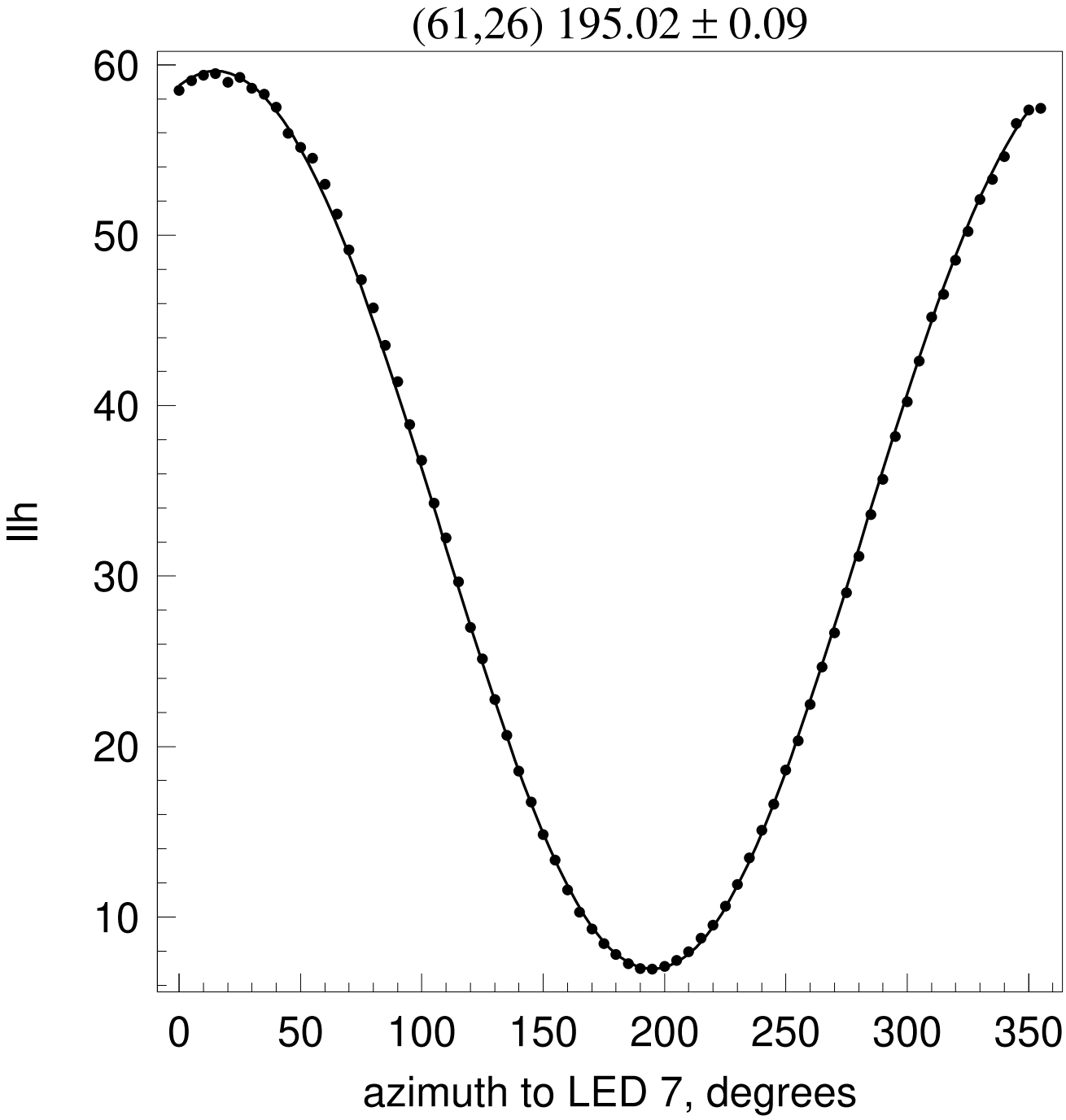

(61,21) 78.13 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

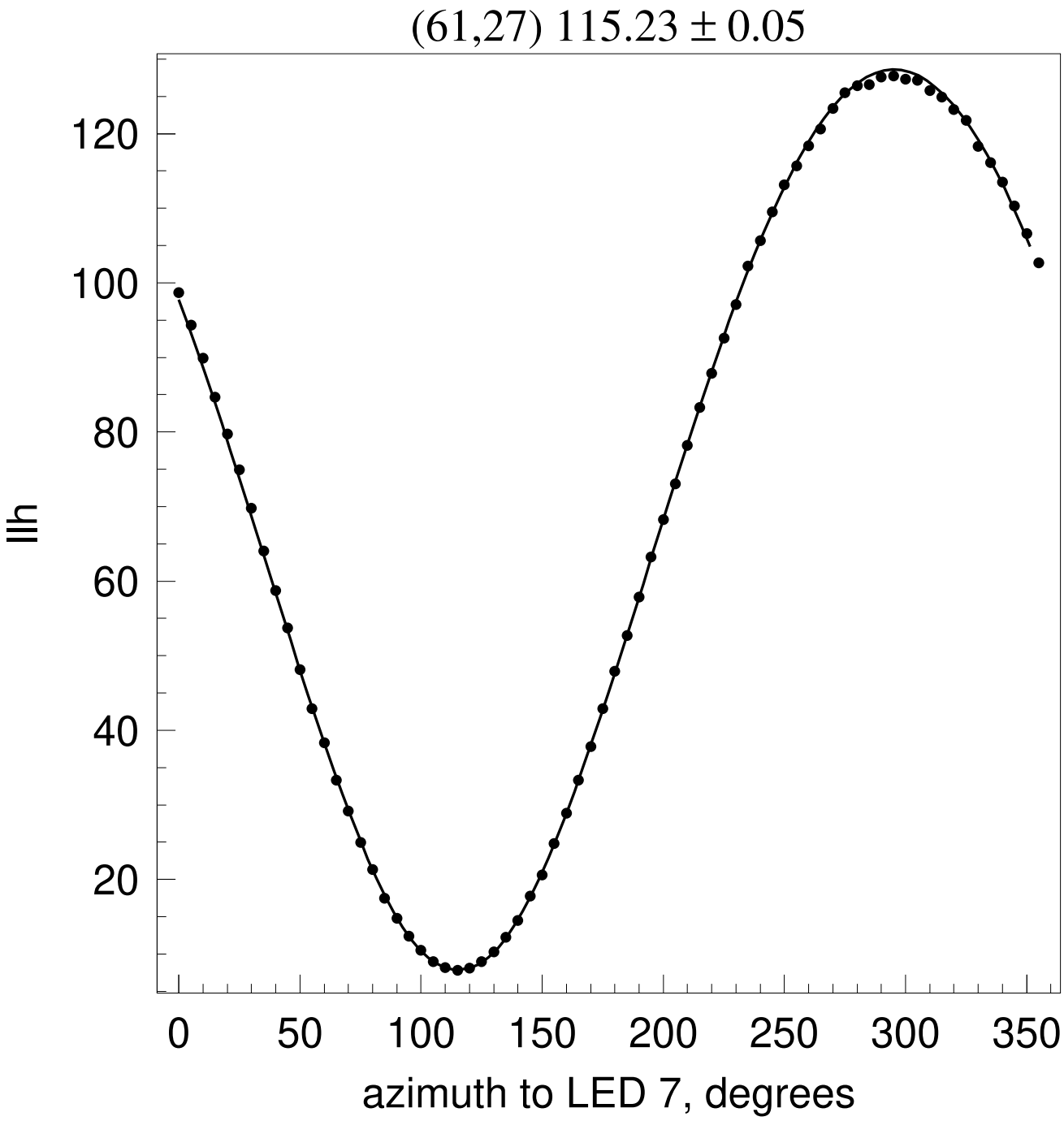

(61,22) 54.88 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

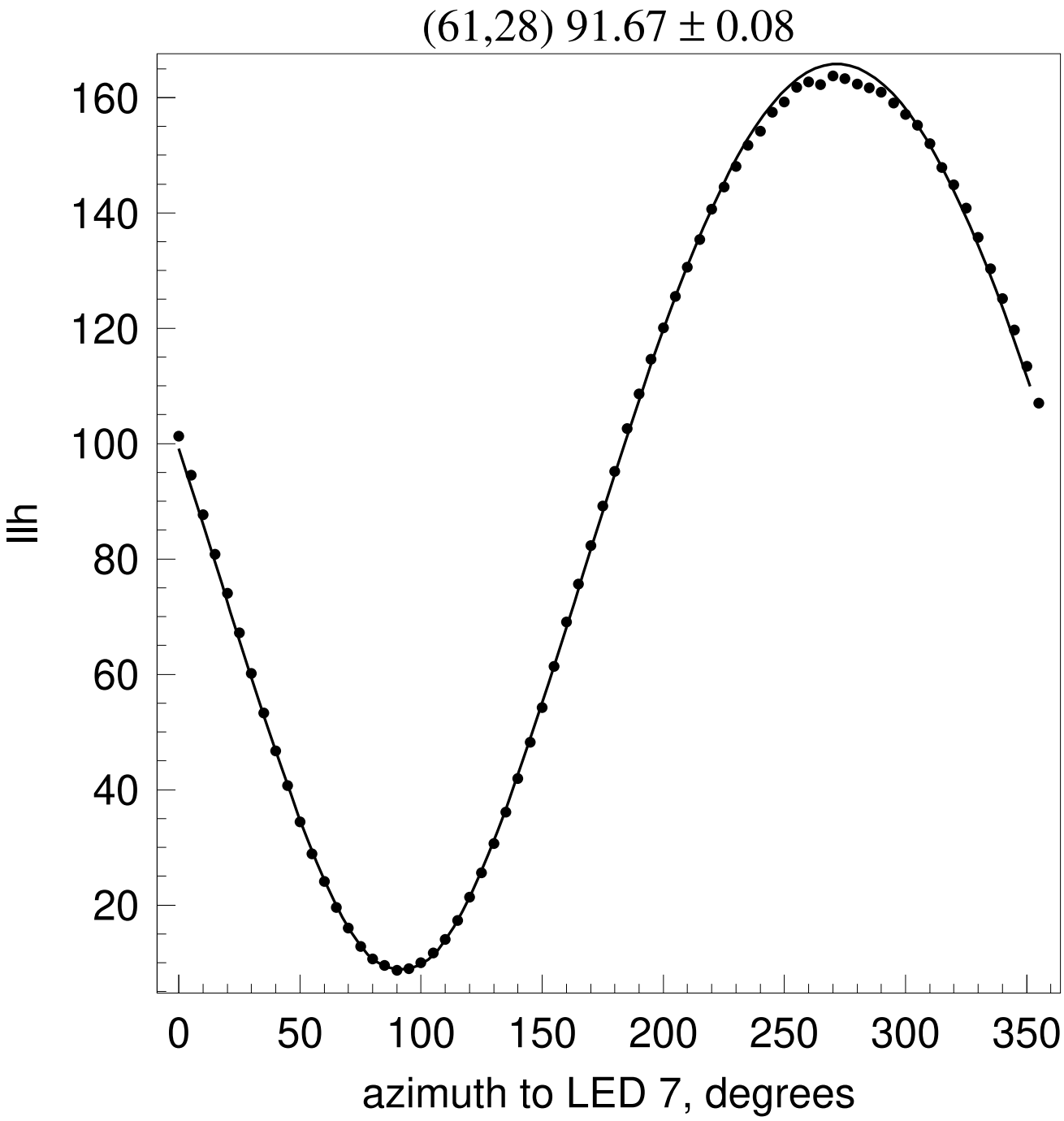

(61,23) 63.83 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

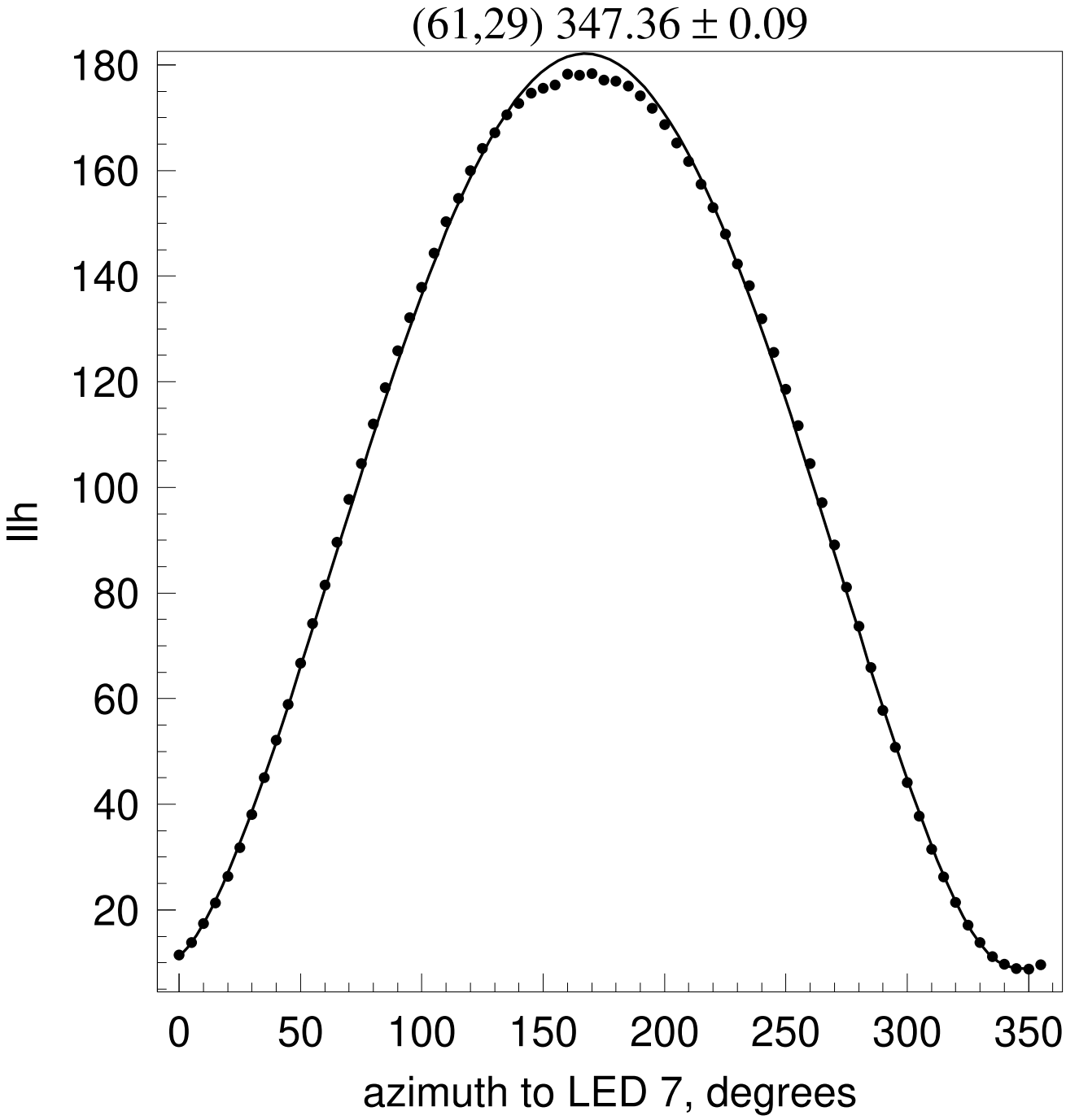

(61,24) 340.00 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

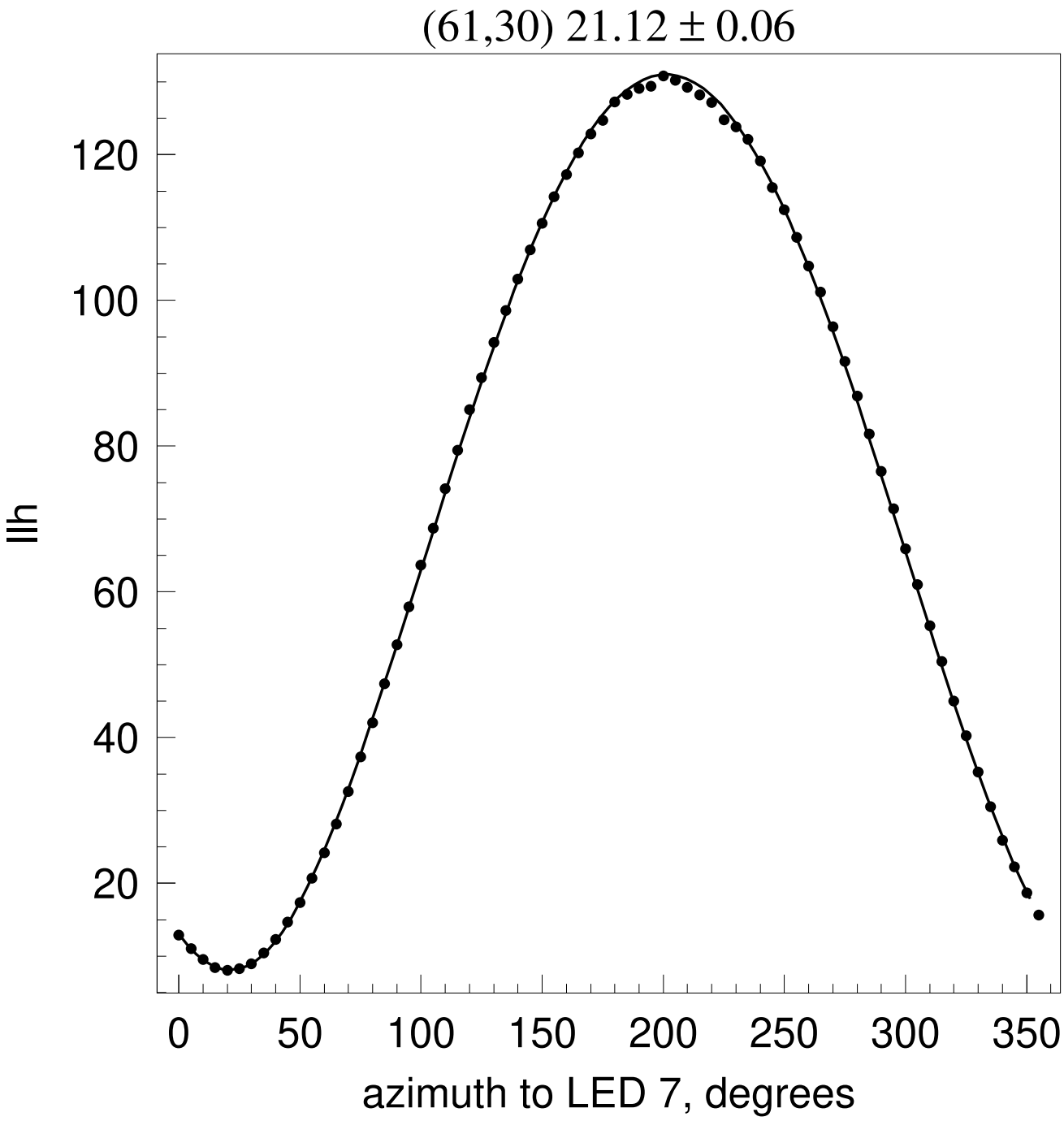

(61,25) 256.68 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

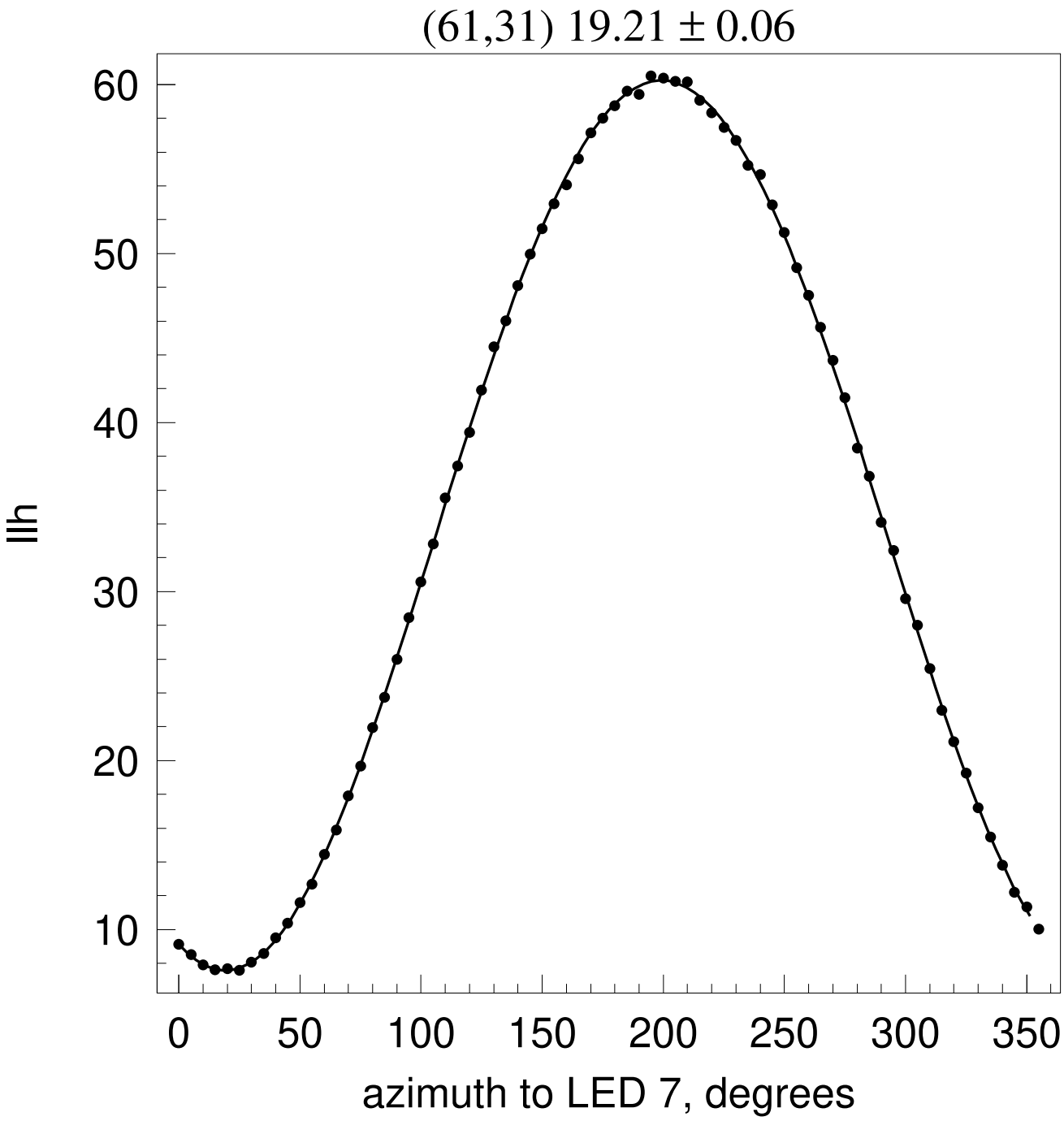

(61,26) 195.02 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

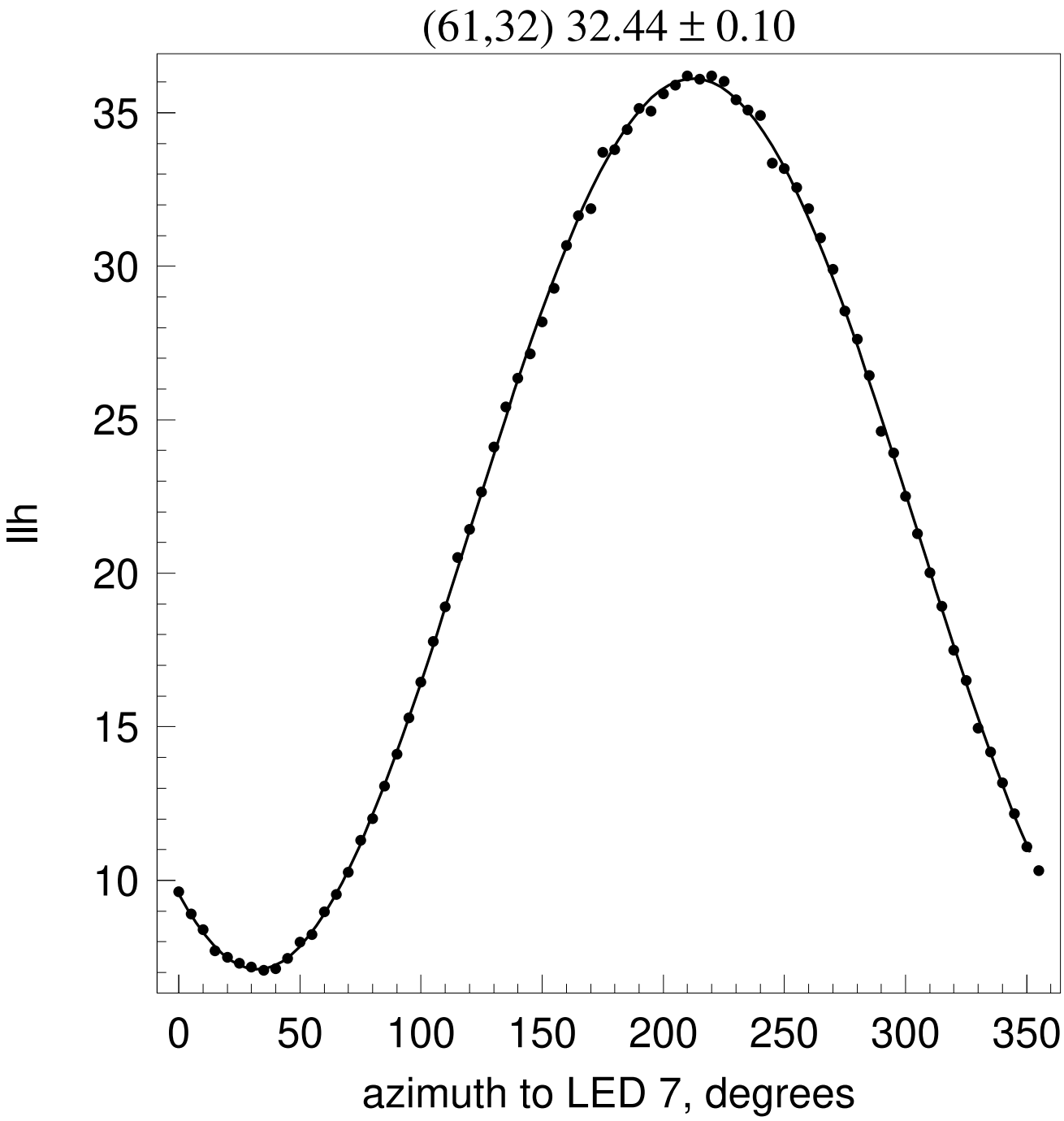

(61,27) 115.23 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

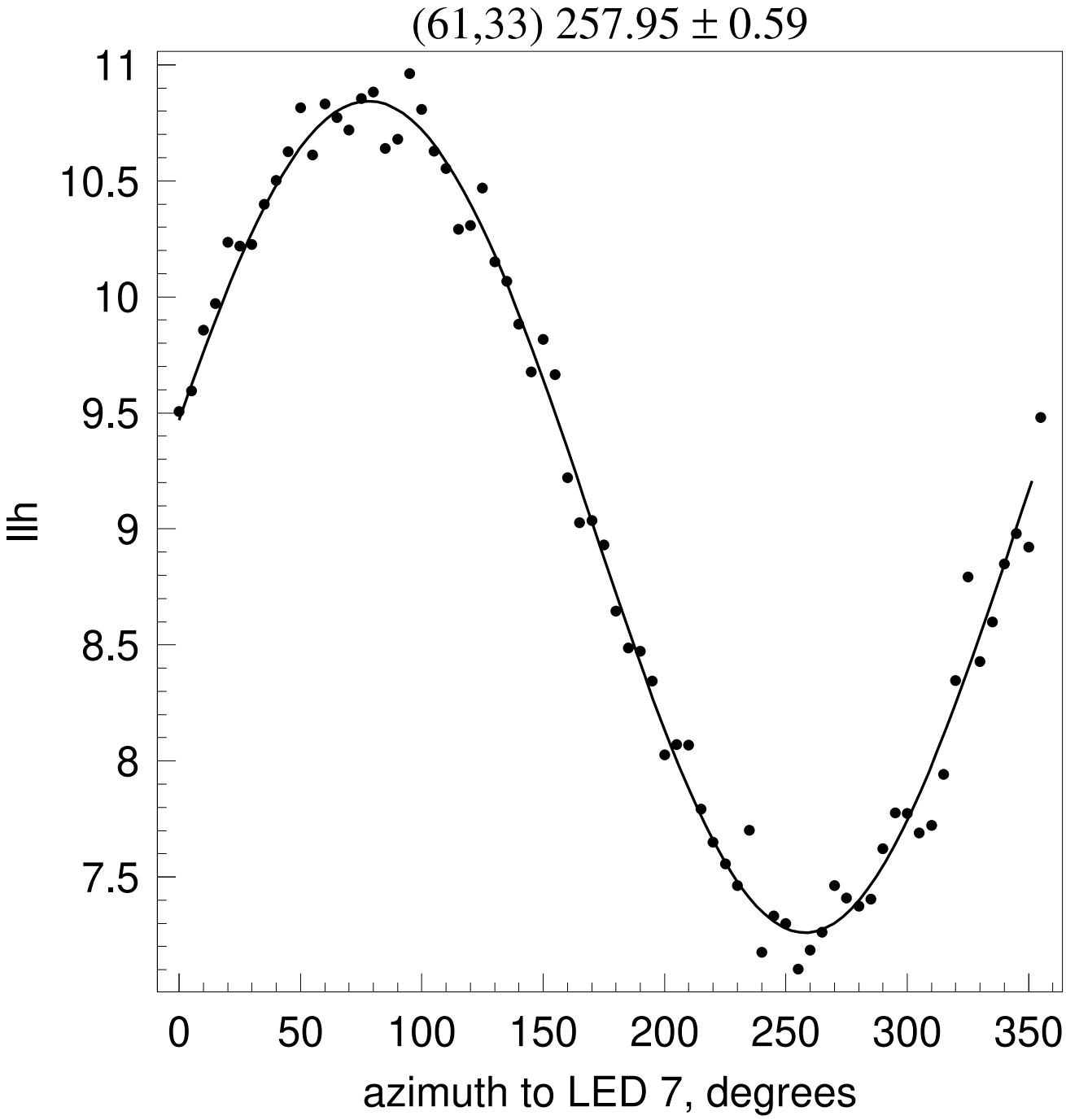

(61,28) 91.67 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

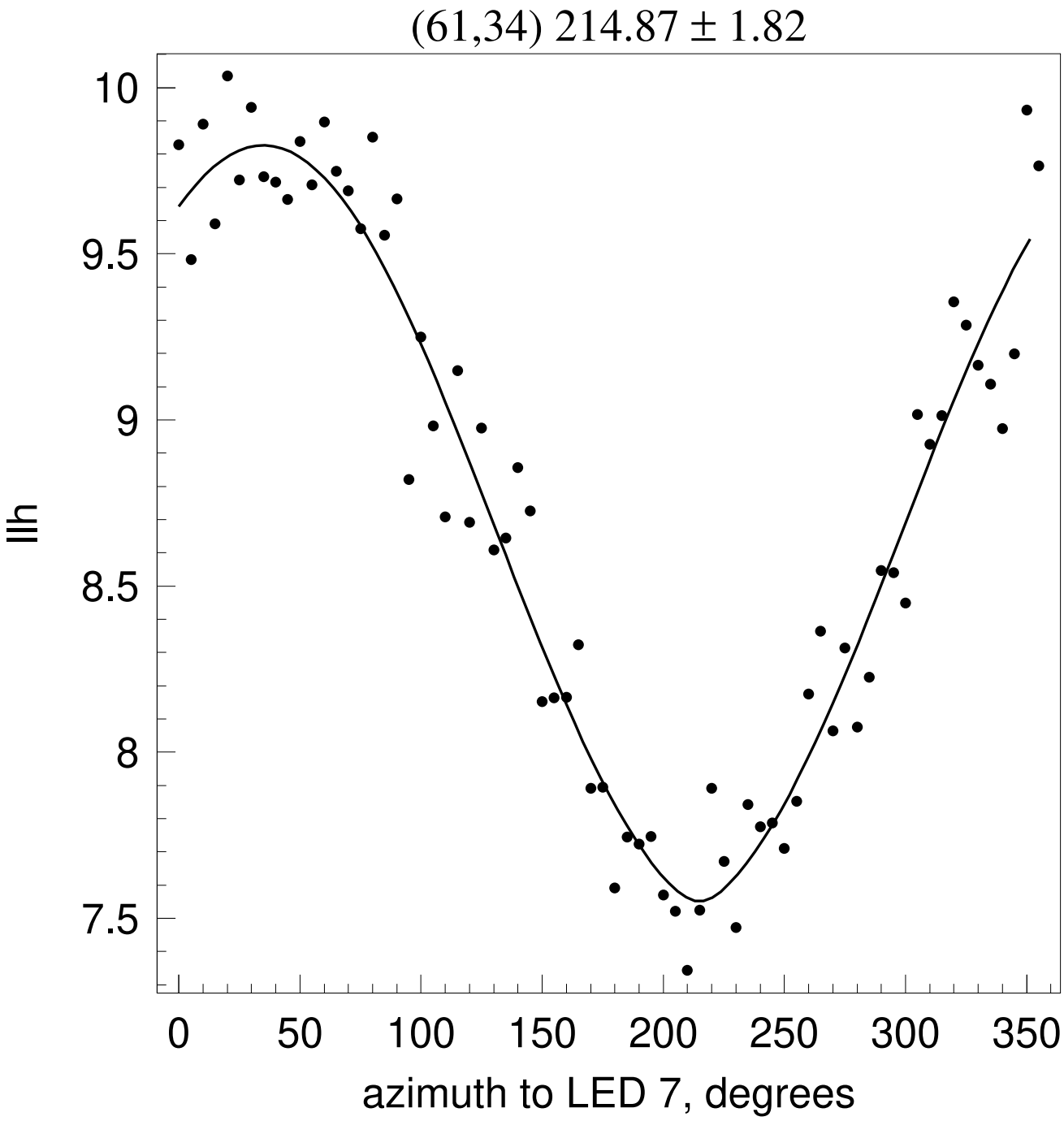

(61,29) 347.36 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

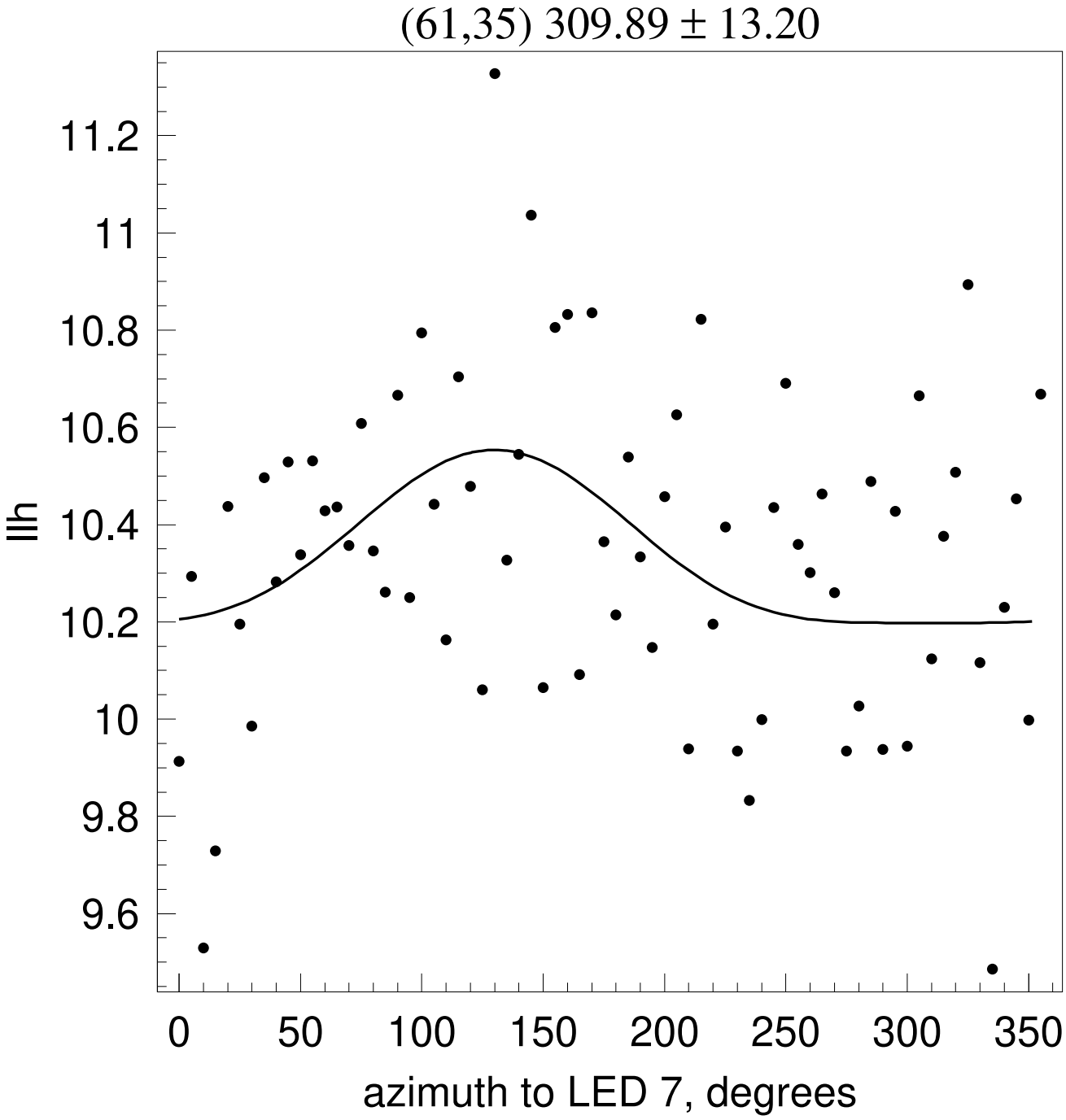

(61,30) 21.12 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

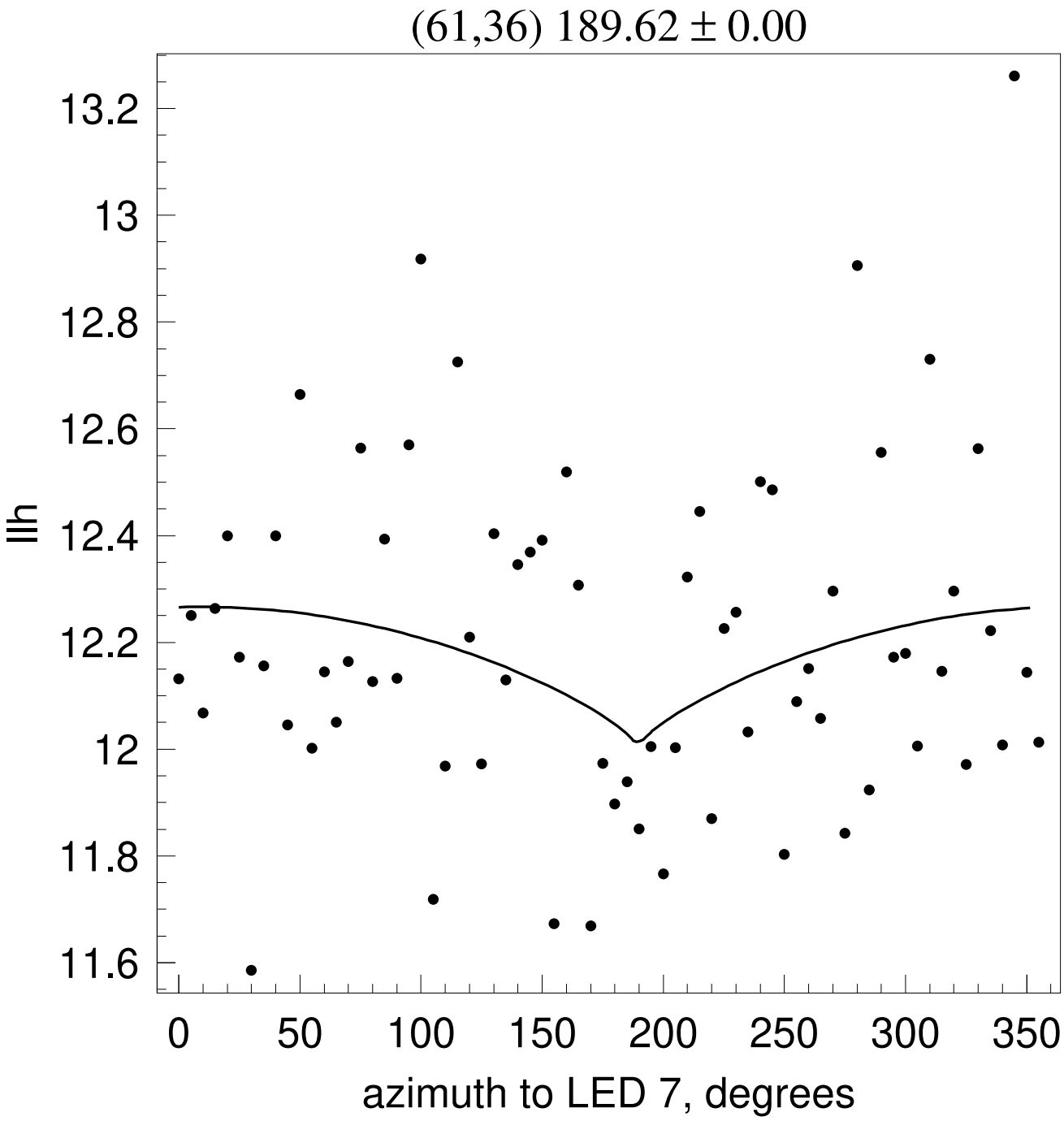

(61,31) 19.21 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

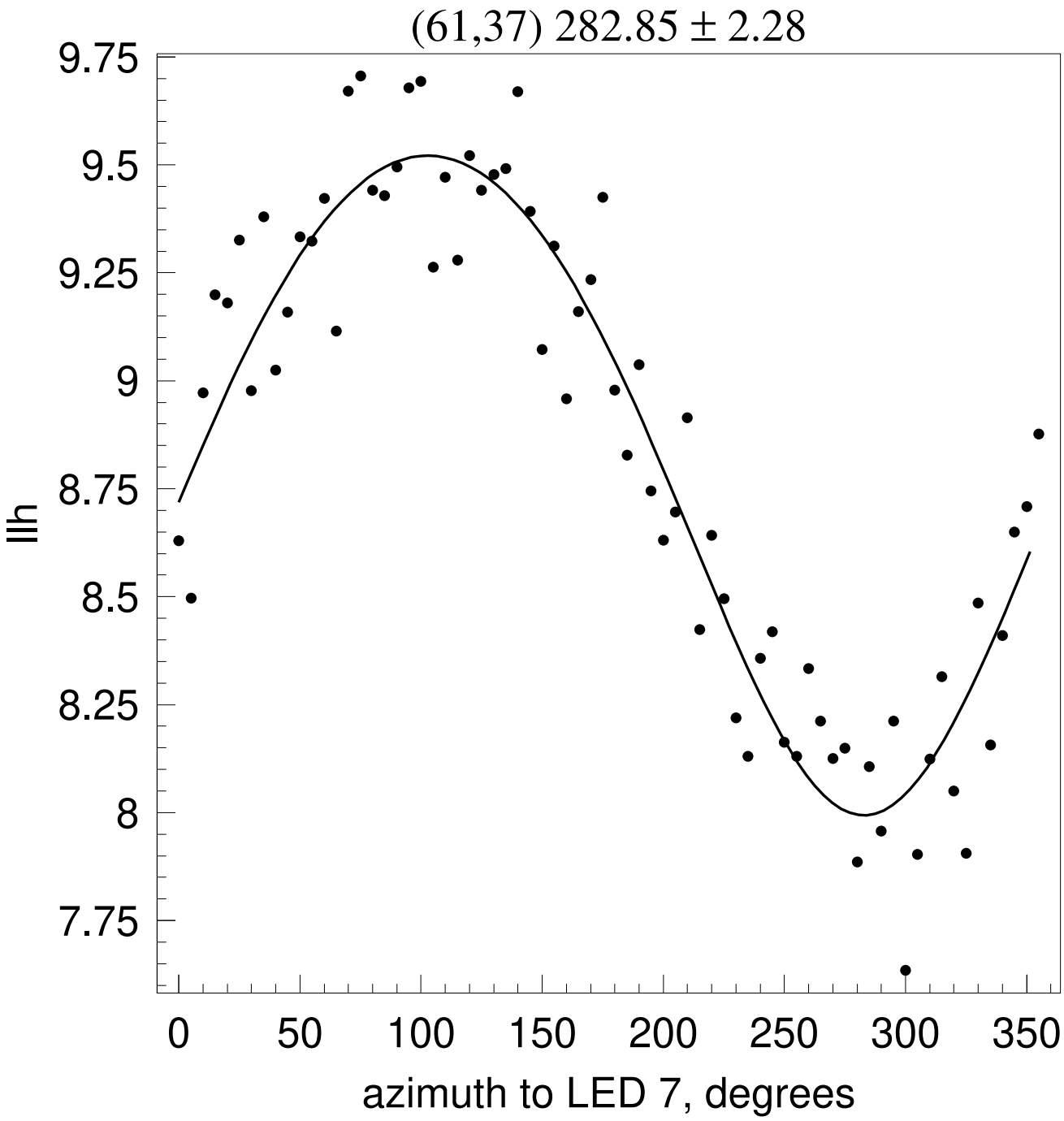

(61,32) 32.44 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

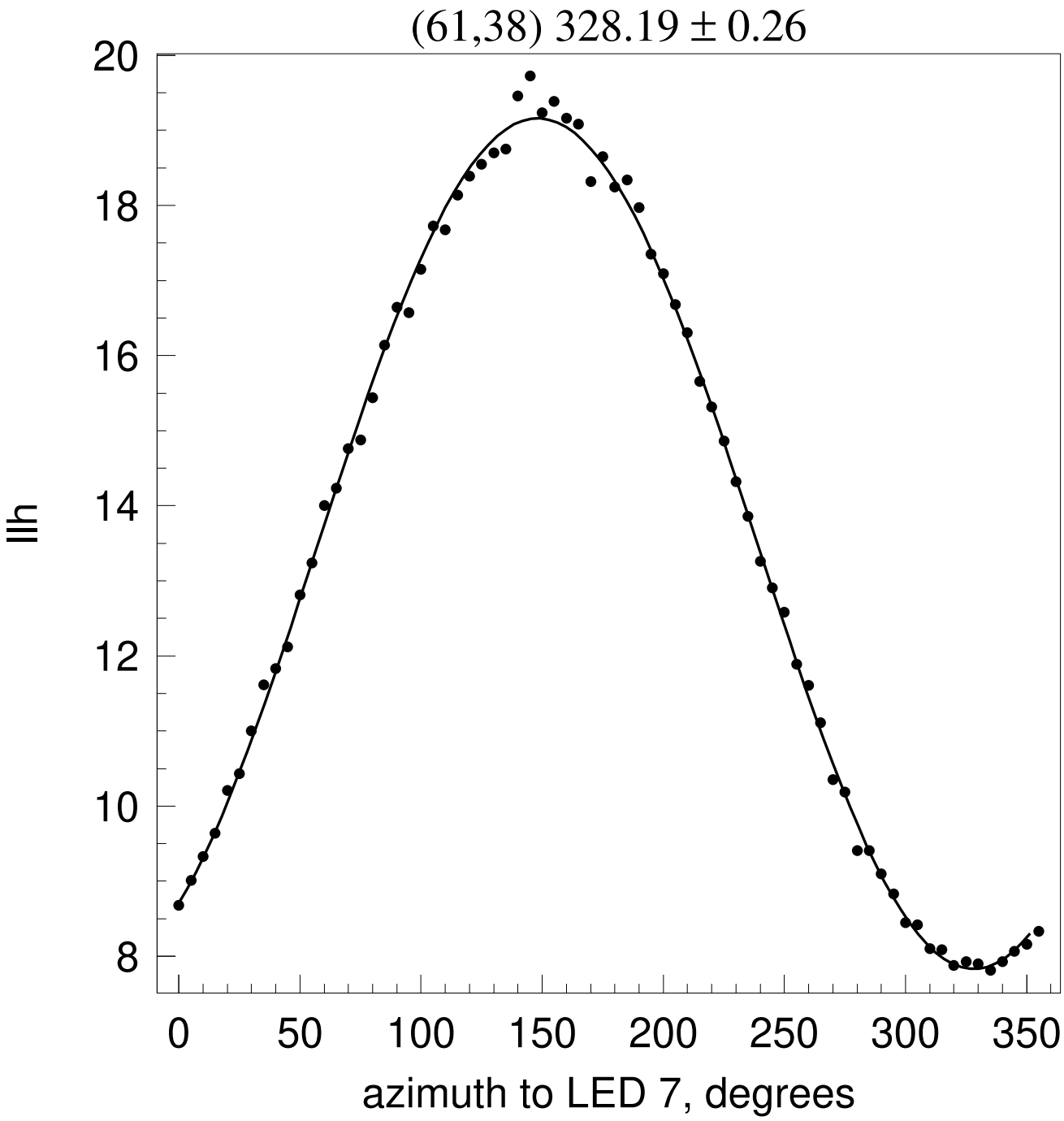

(61,33) 257.95 ± 0.59
11
10.5
10
9.5
9
8.5
8
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

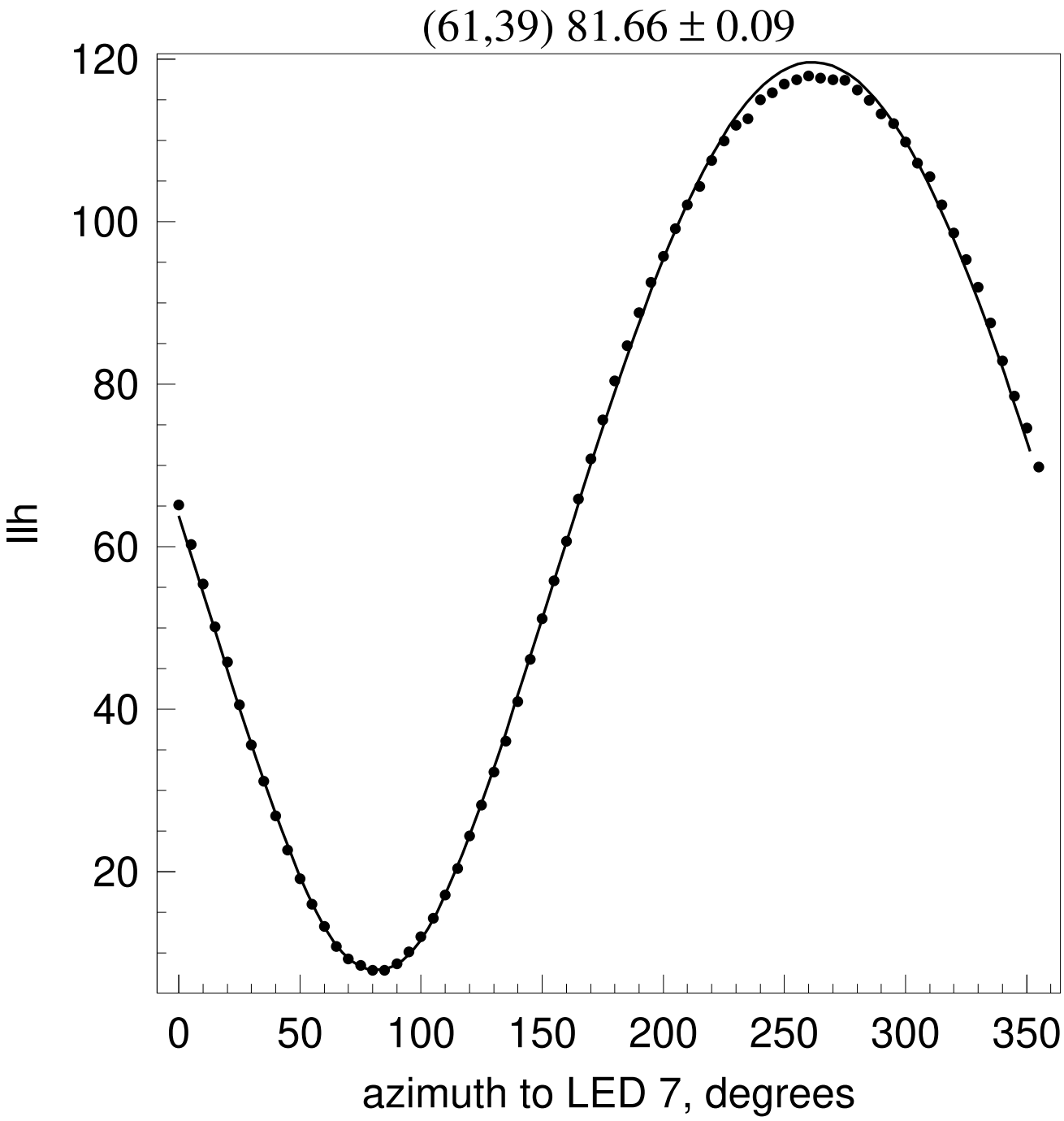

(61,34) 214.87 ± 1.82
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

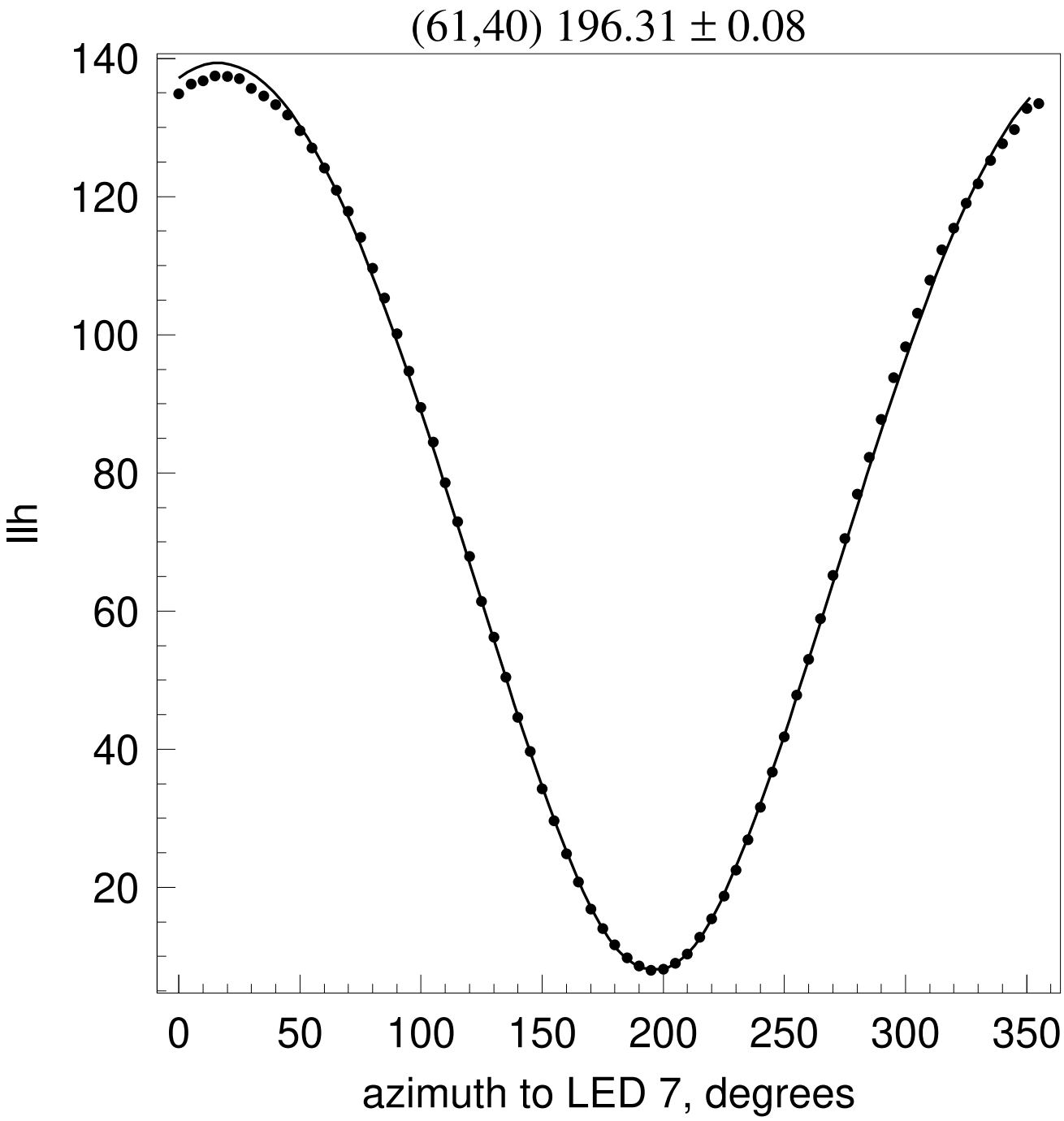

(61,35) 309.89 ± 13.20
11.2
11
10.8
10.6
10.4
10.2
10
9.8
9.6
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

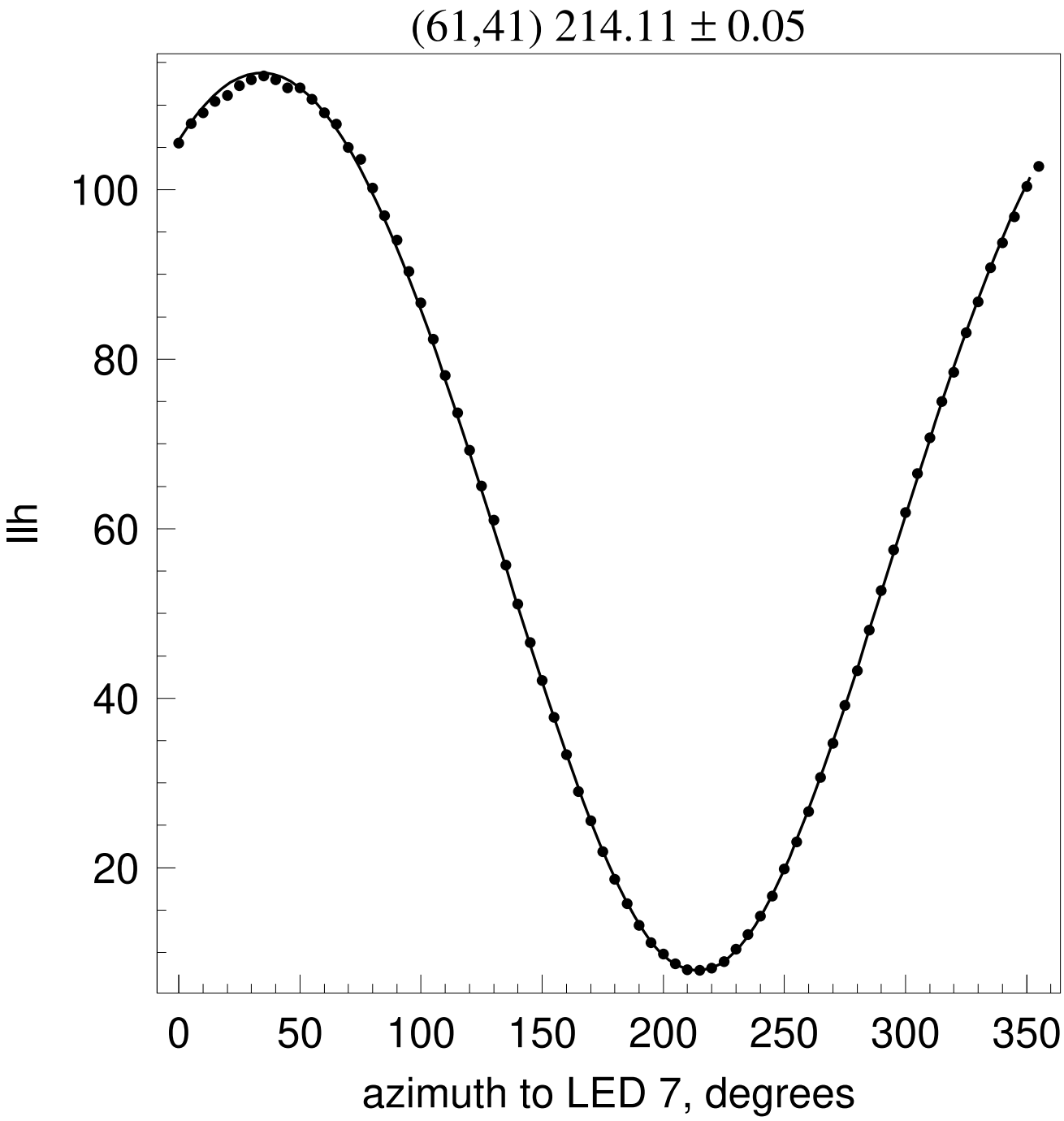

(61,36) 189.62 ± 0.00
13.2
13
12.8
12.6
12.4
12.2
12
11.8
11.6
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

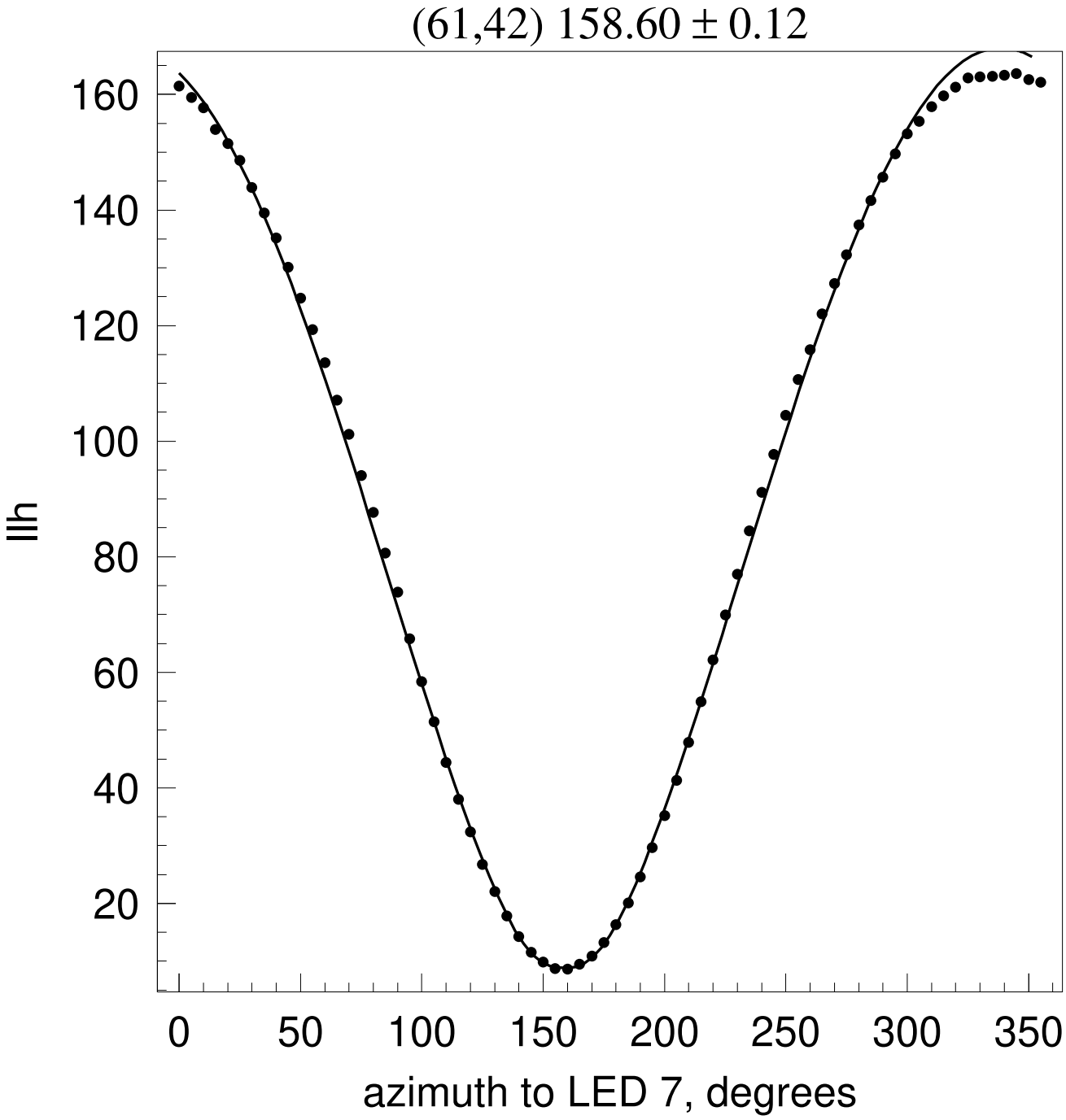

(61,37) 282.85 ± 2.28
9.75
9.5
9.25
9
8.75
8.5
8.25
8
7.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

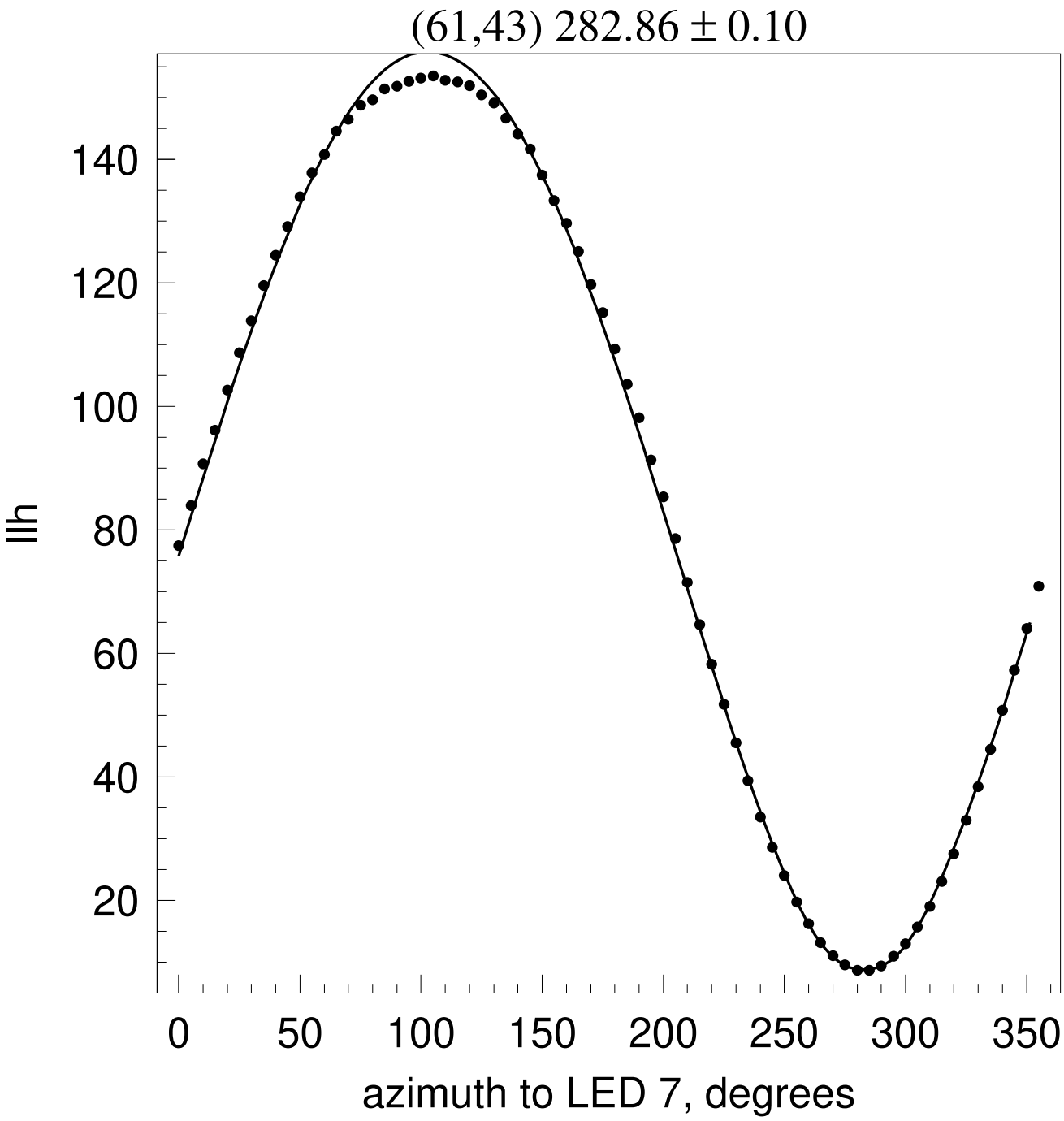

(61,38) 328.19 ± 0.26
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

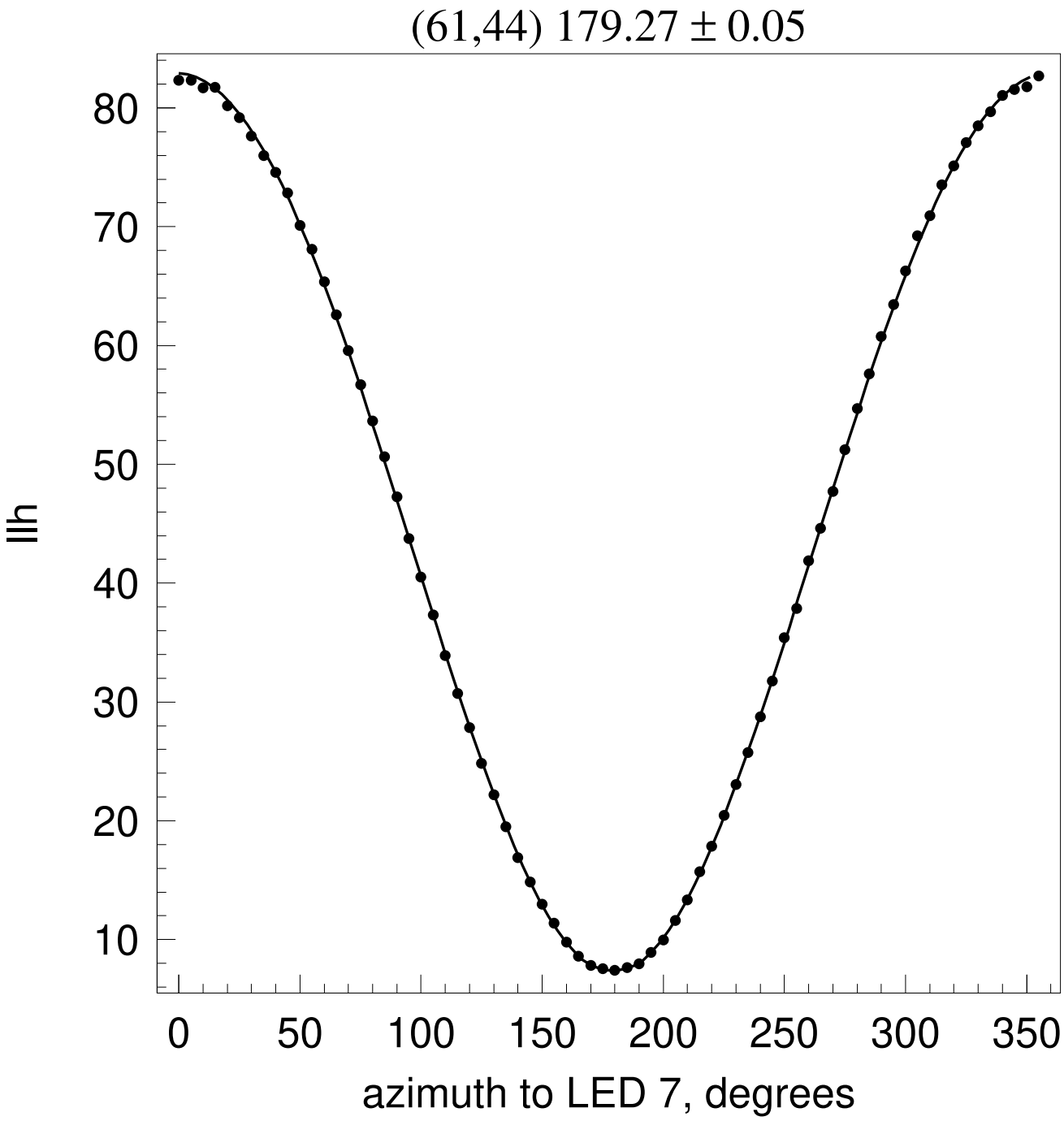

(61,39) 81.66 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

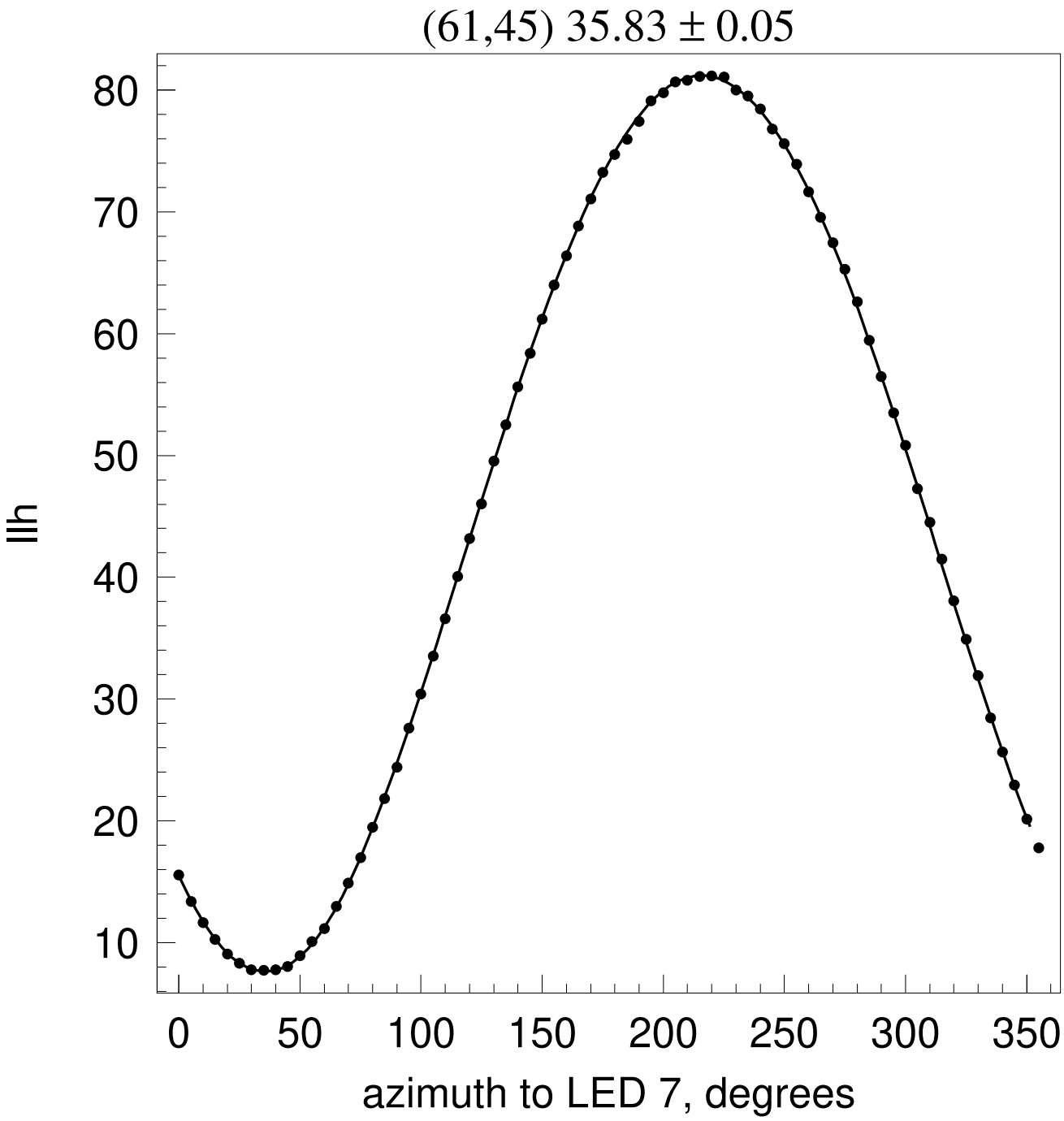

(61,40) 196.31 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

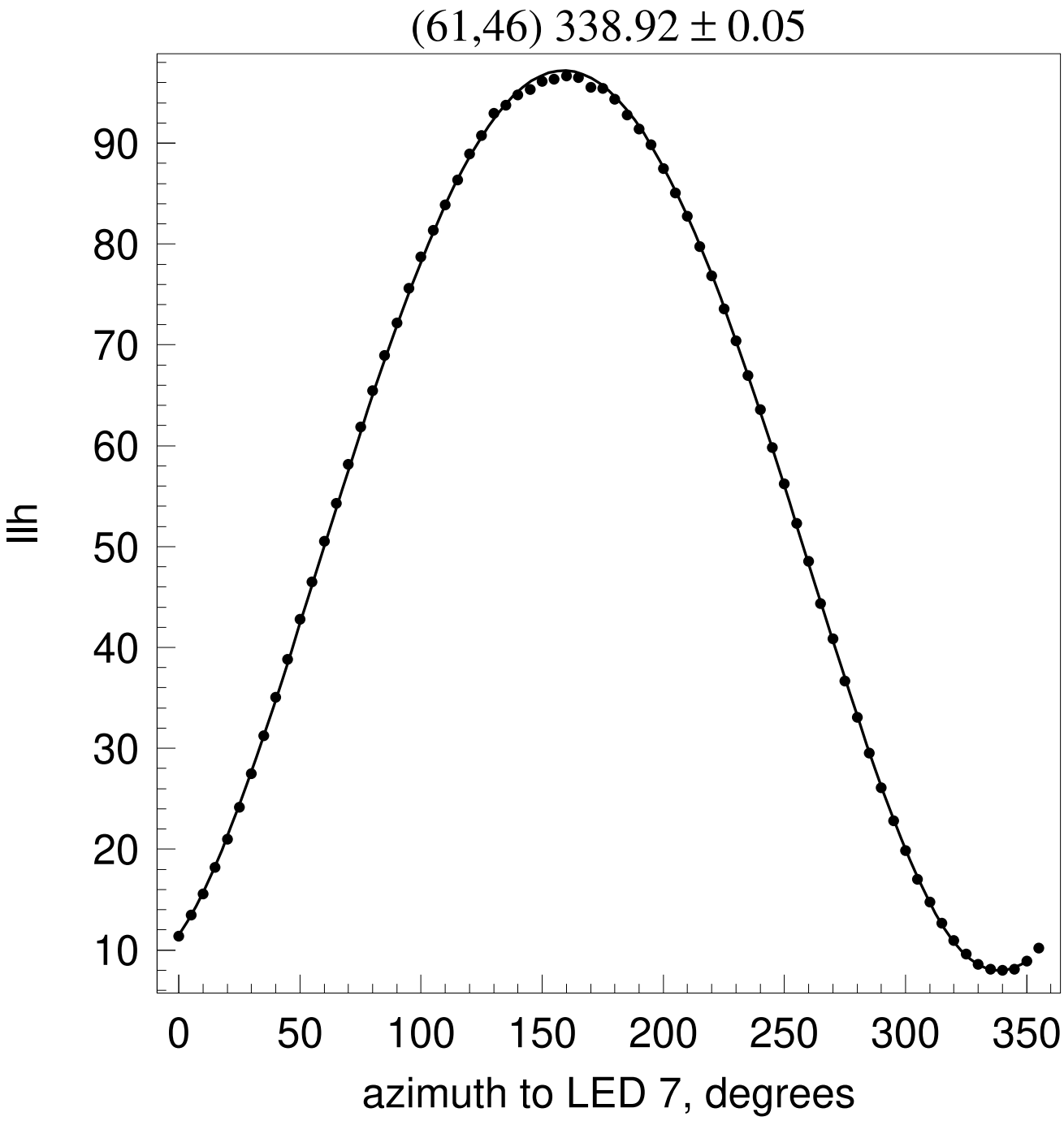

(61,41) 214.11 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

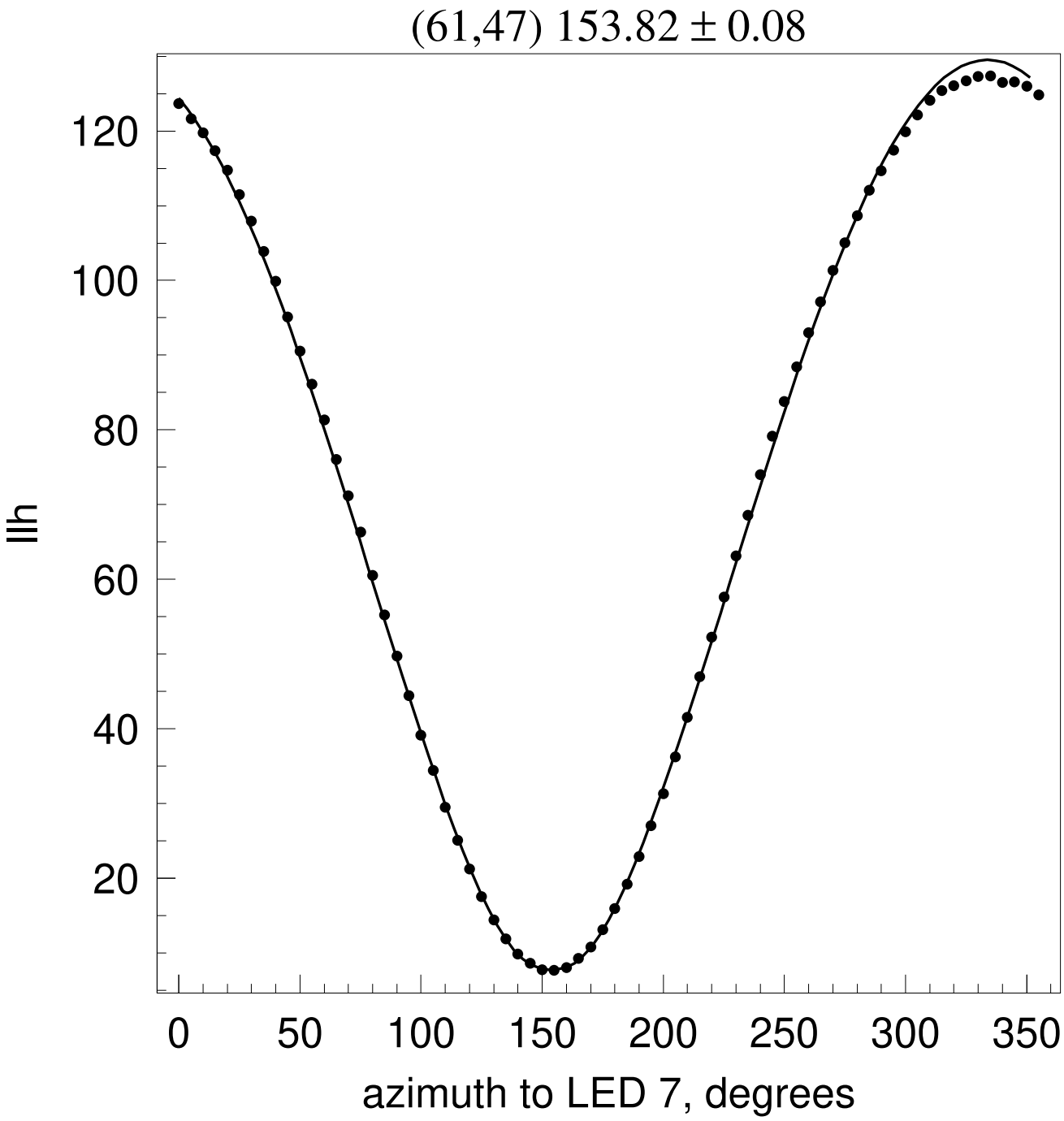

(61,42) 158.60 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

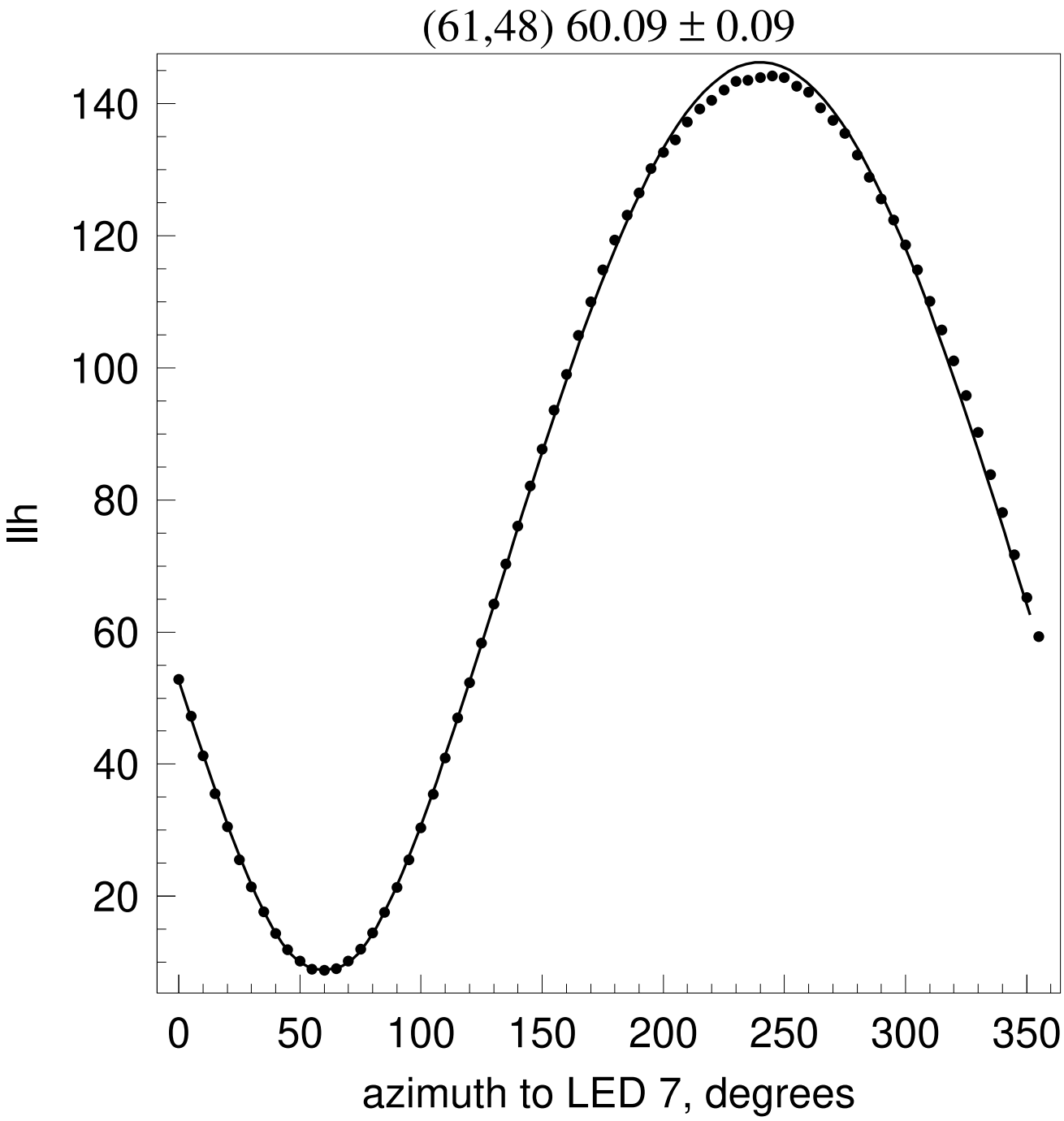

(61,43) 282.86 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

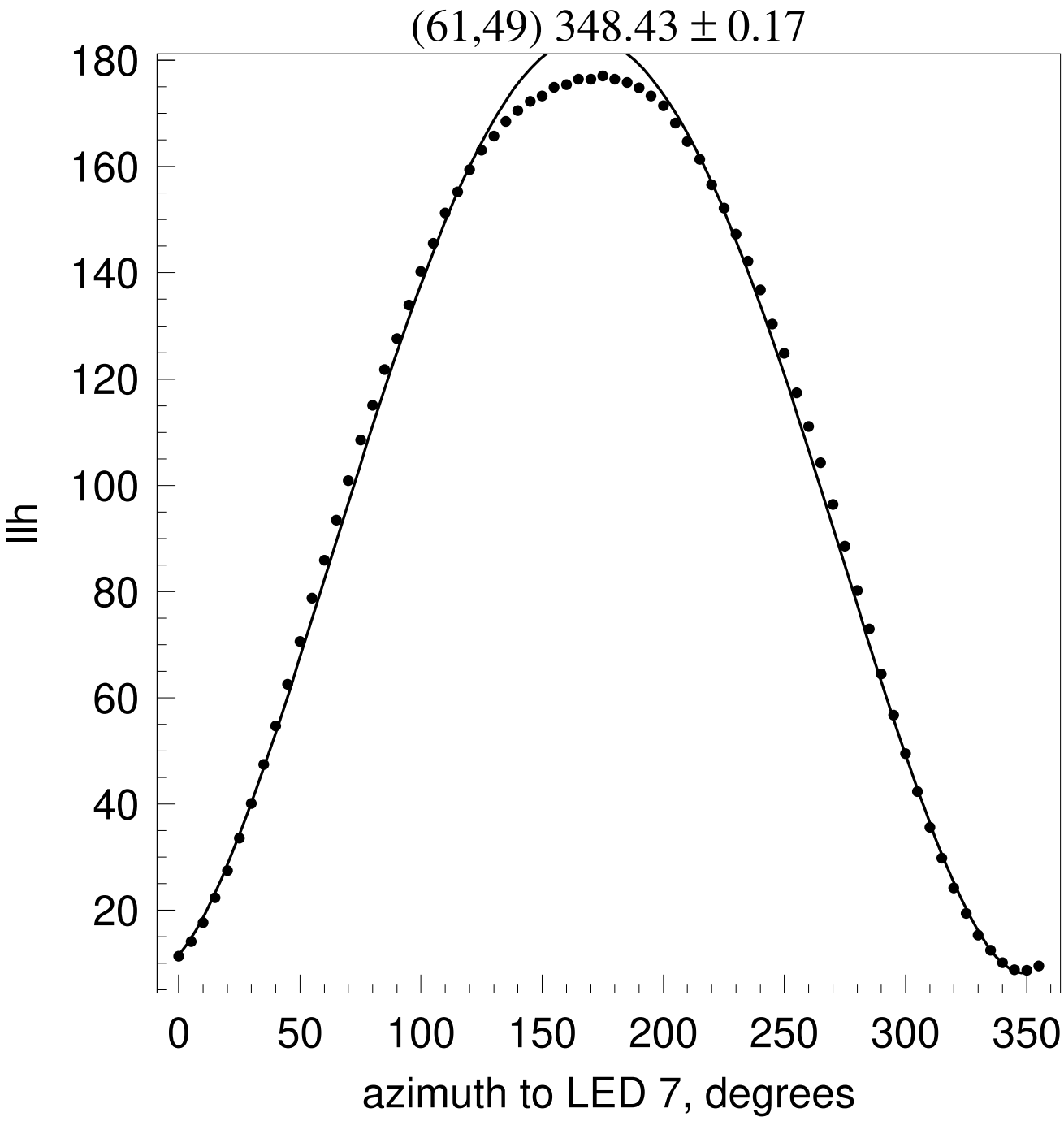

(61,44) 179.27 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

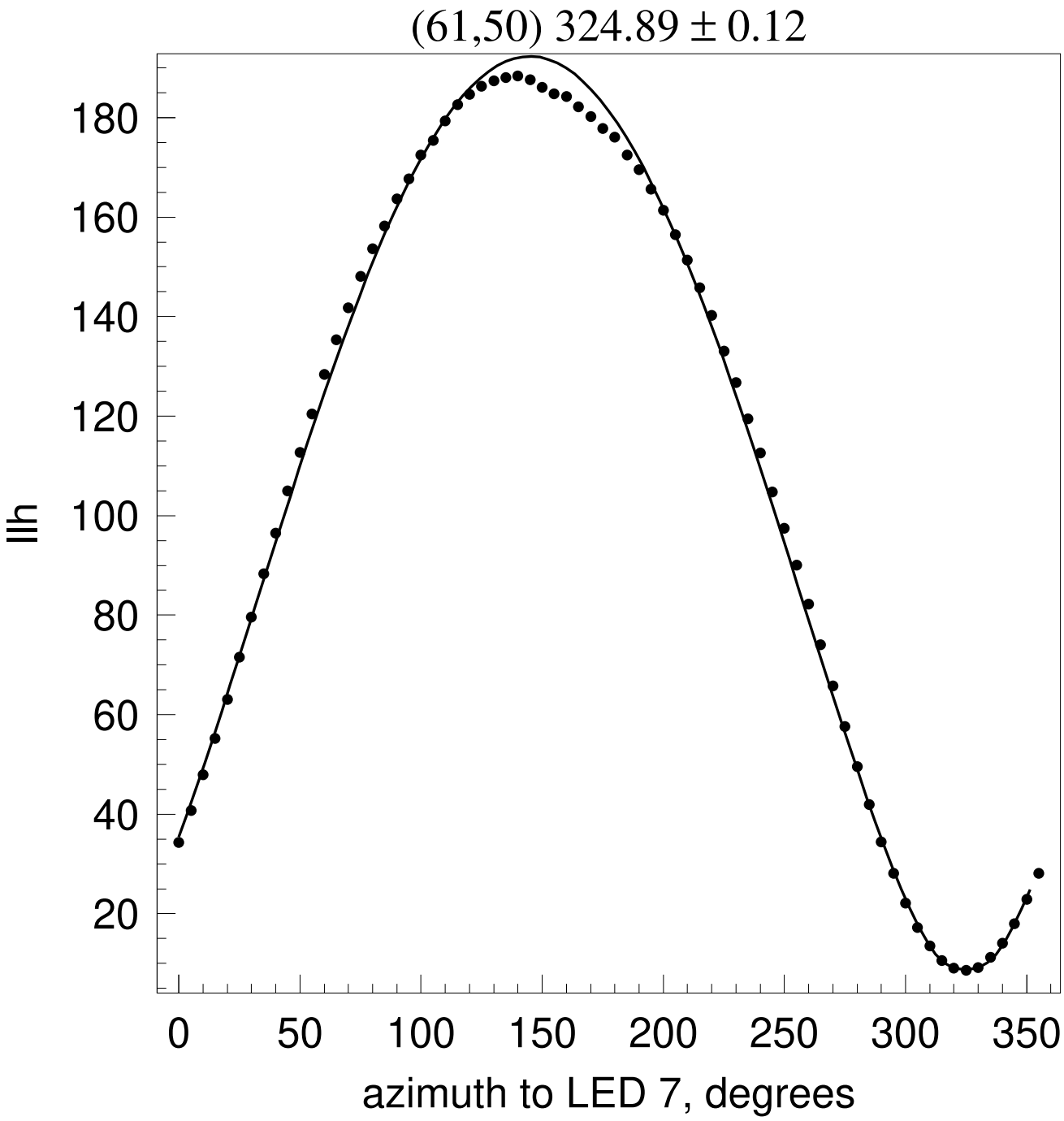

(61,45) 35.83 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

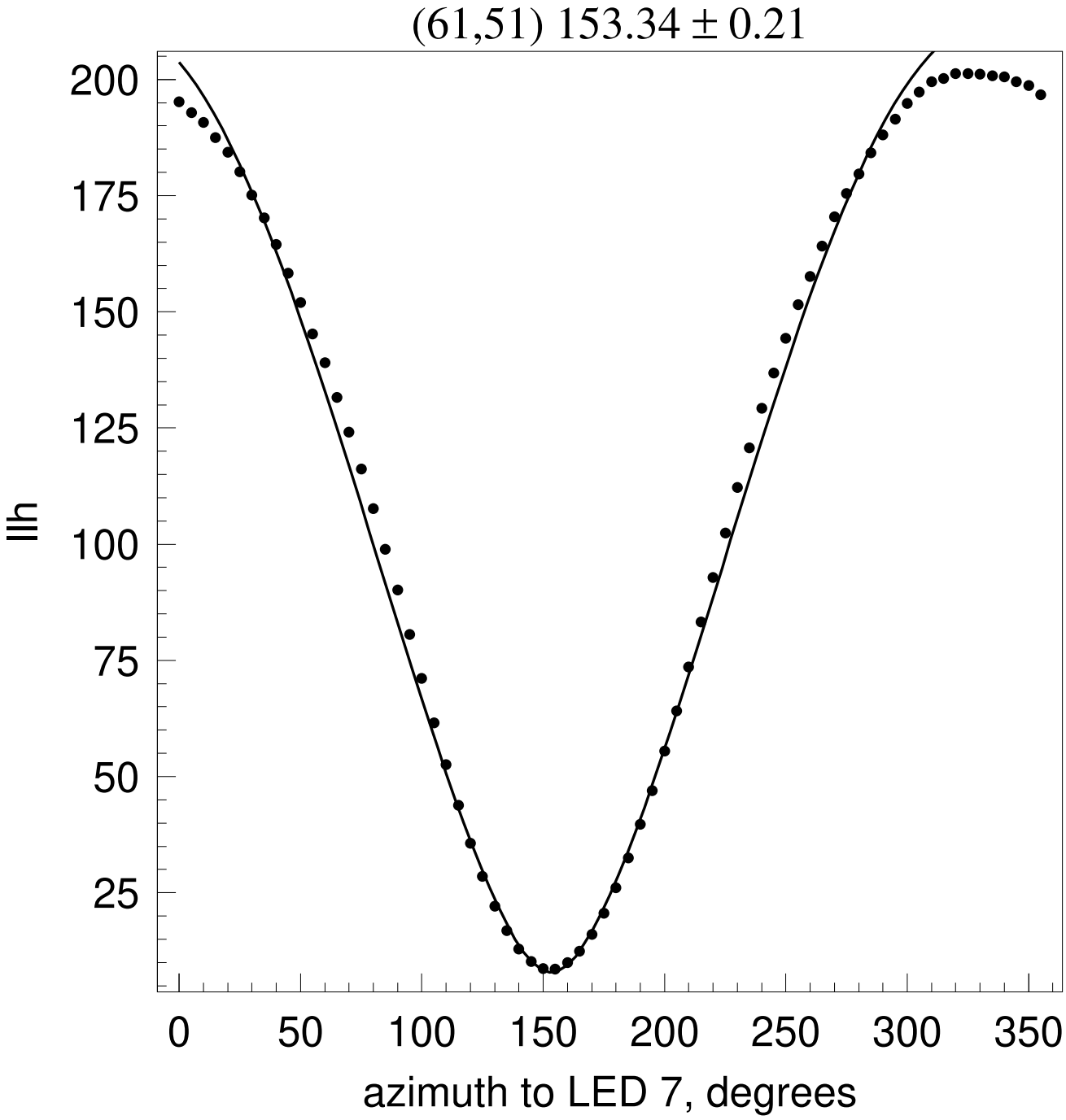

(61,46) 338.92 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

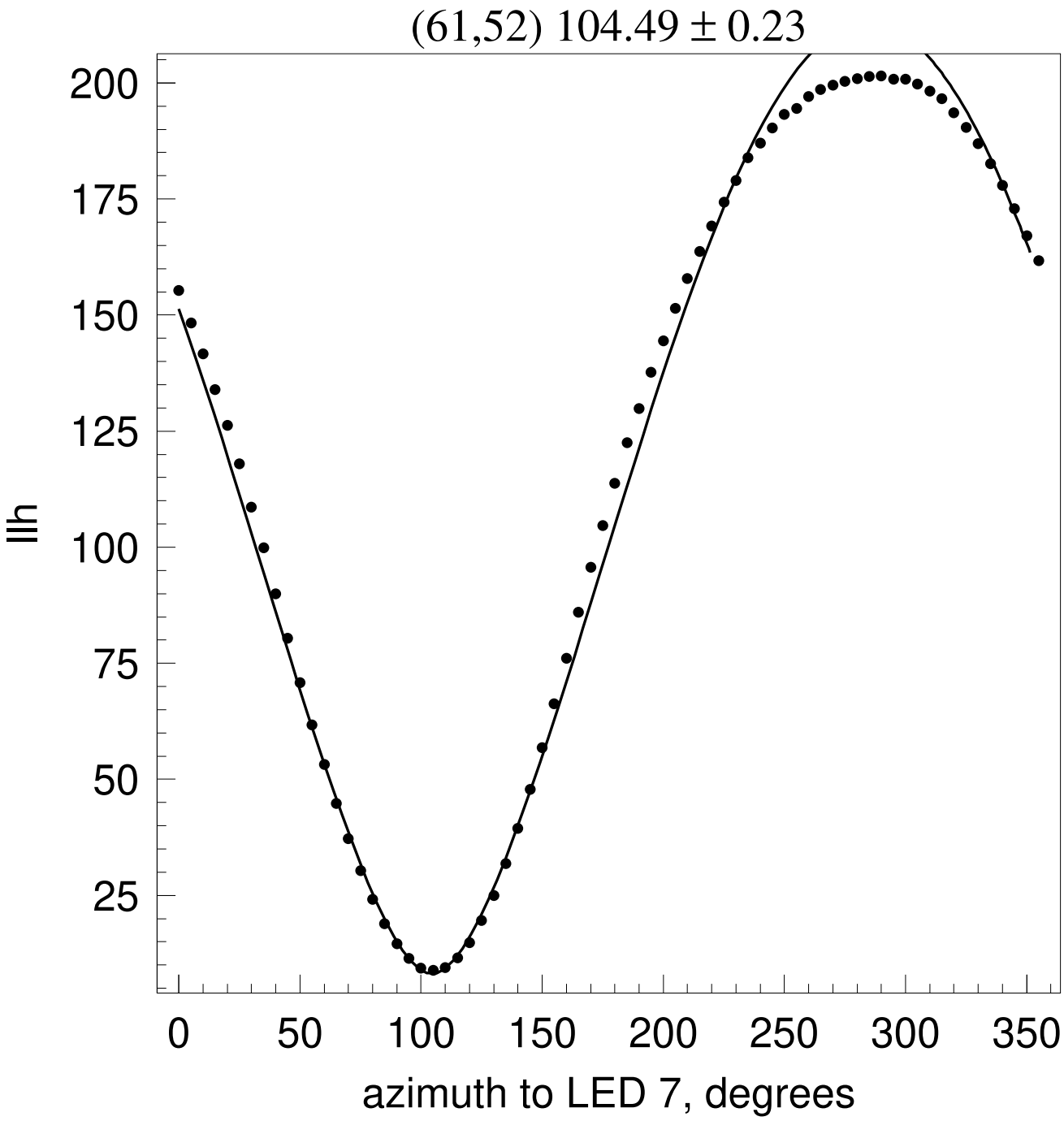

(61,47) 153.82 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

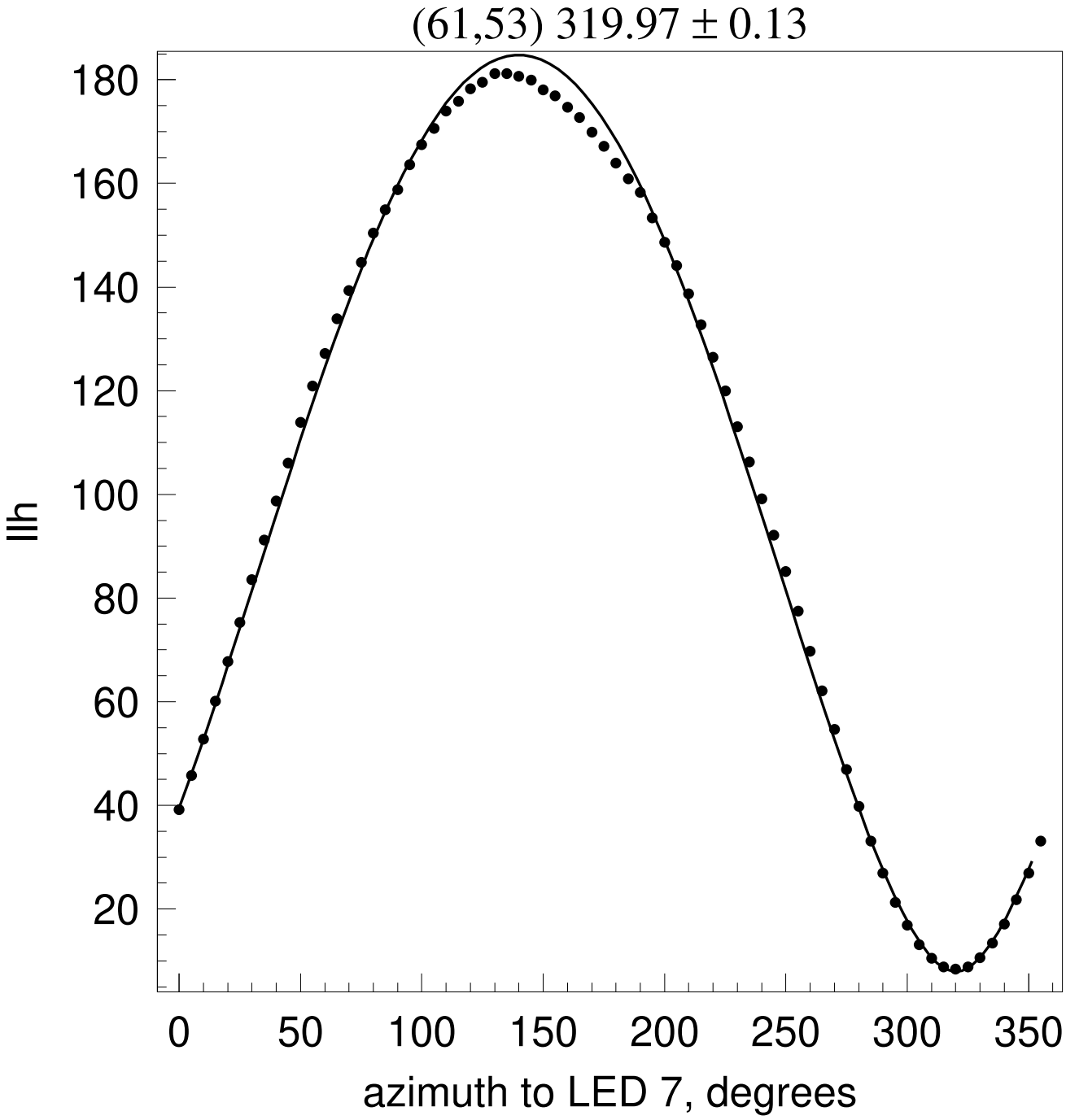

(61,48) 60.09 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

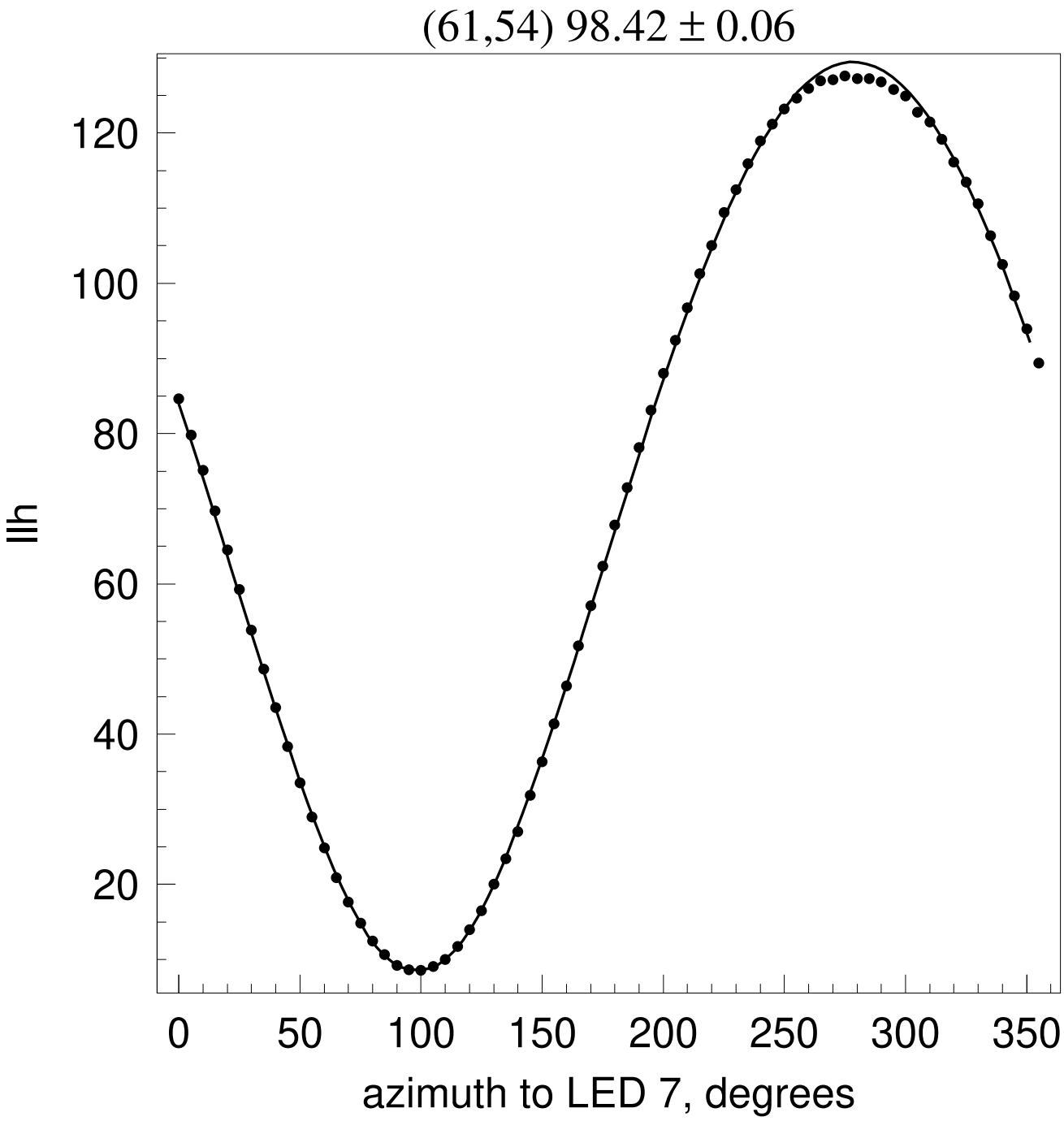

(61,49) 348.43 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

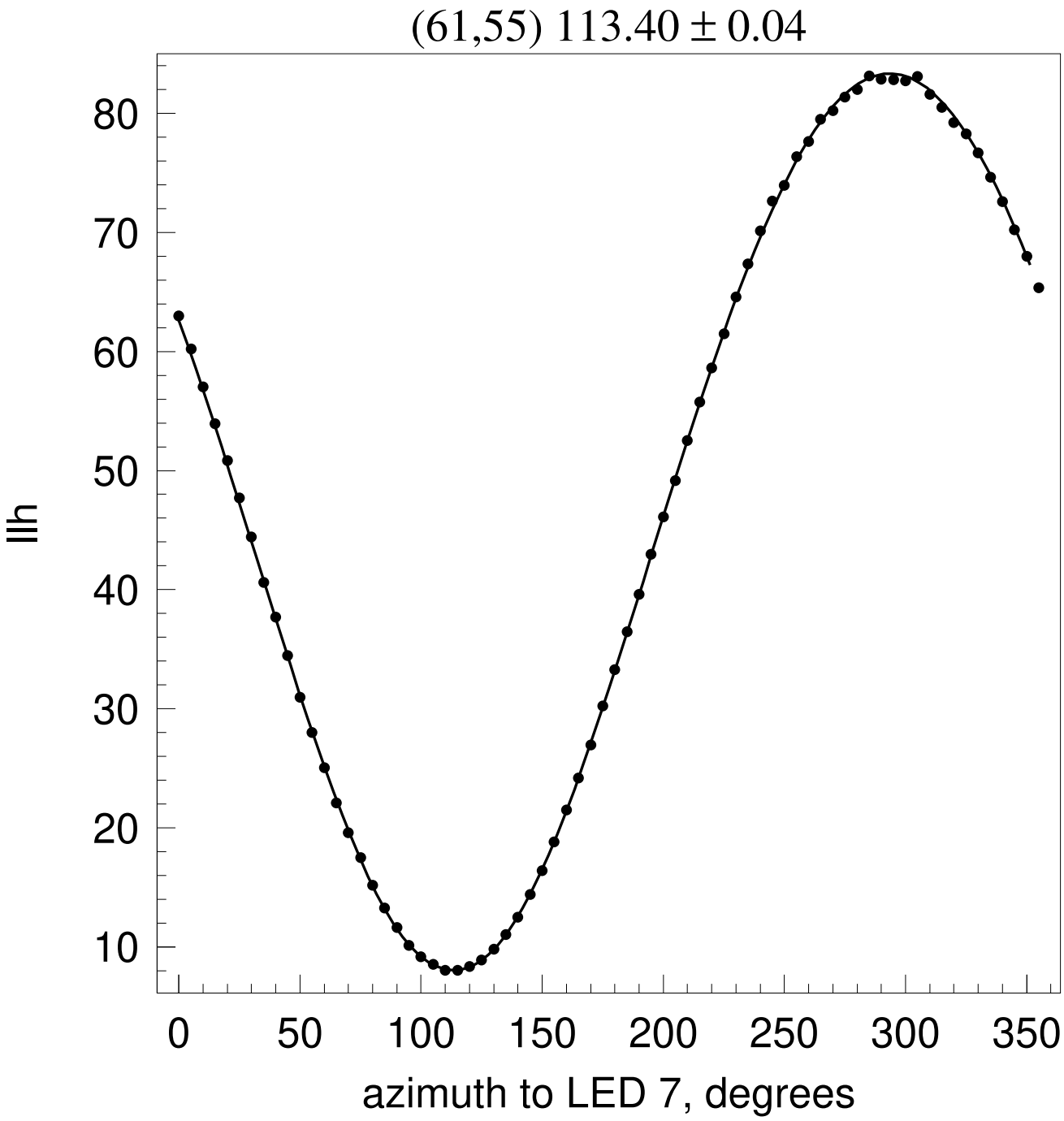

(61,50) 324.89 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

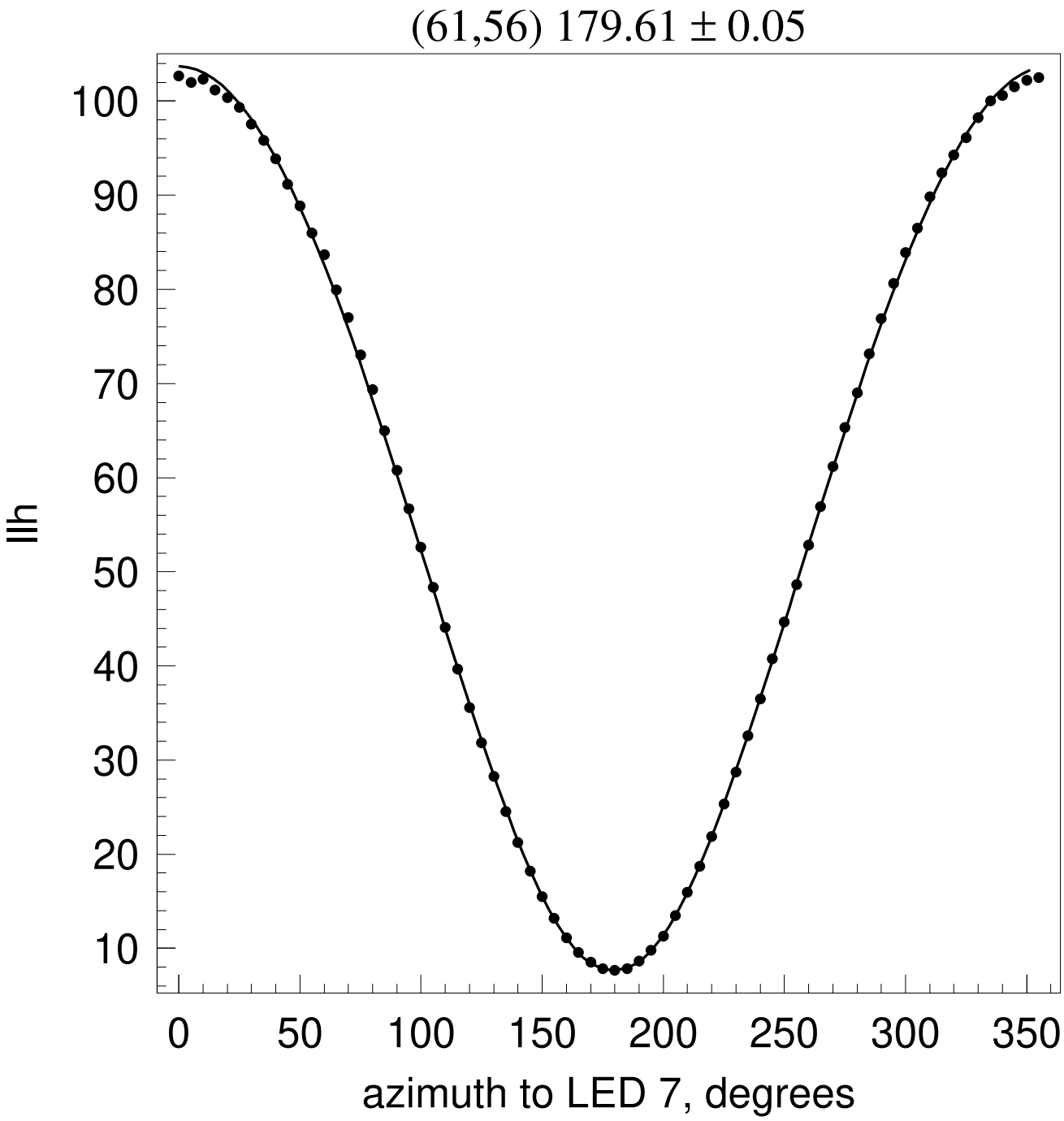

(61,51) 153.34 ± 0.21
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

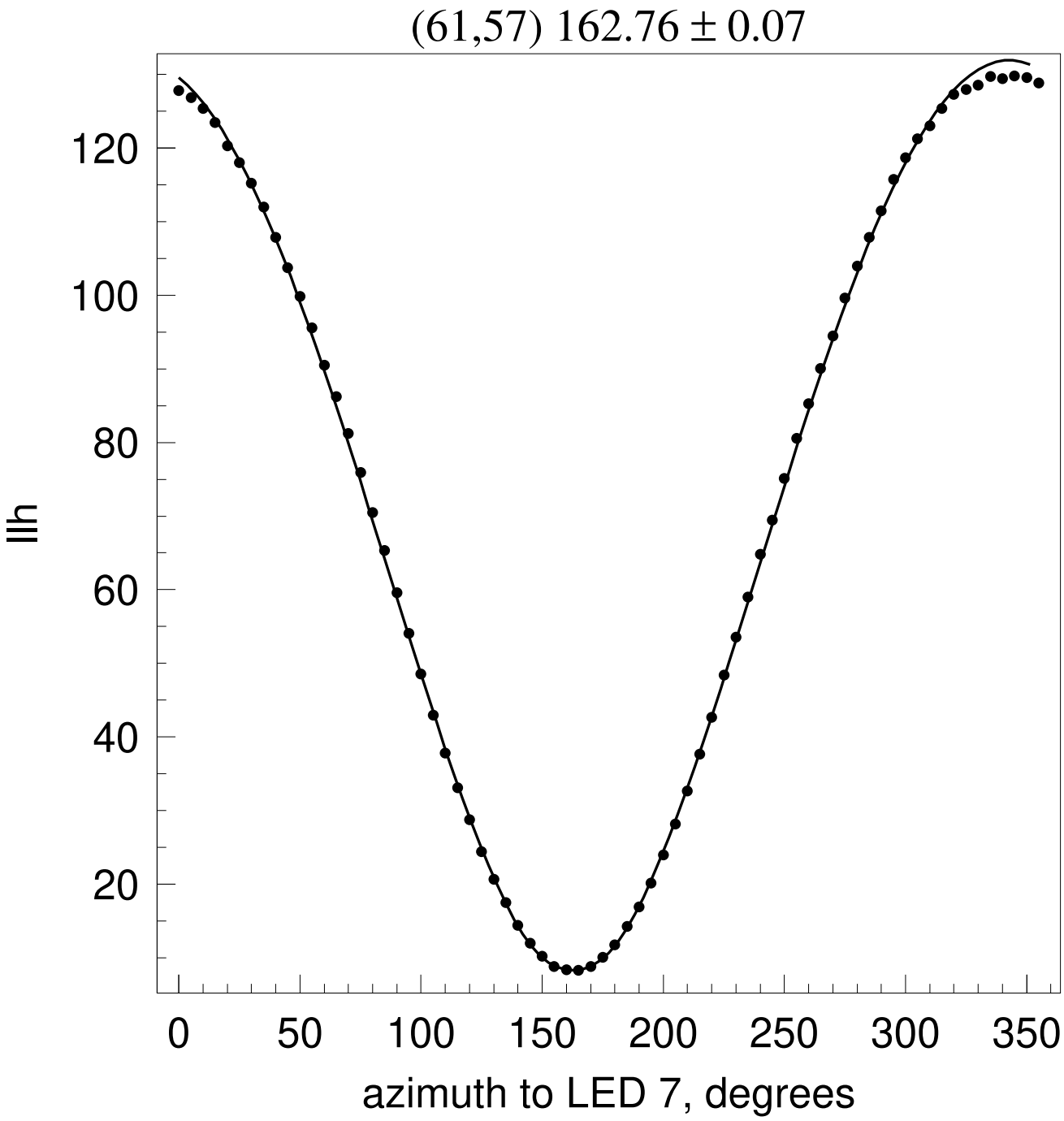

(61,52) 104.49 ± 0.23
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

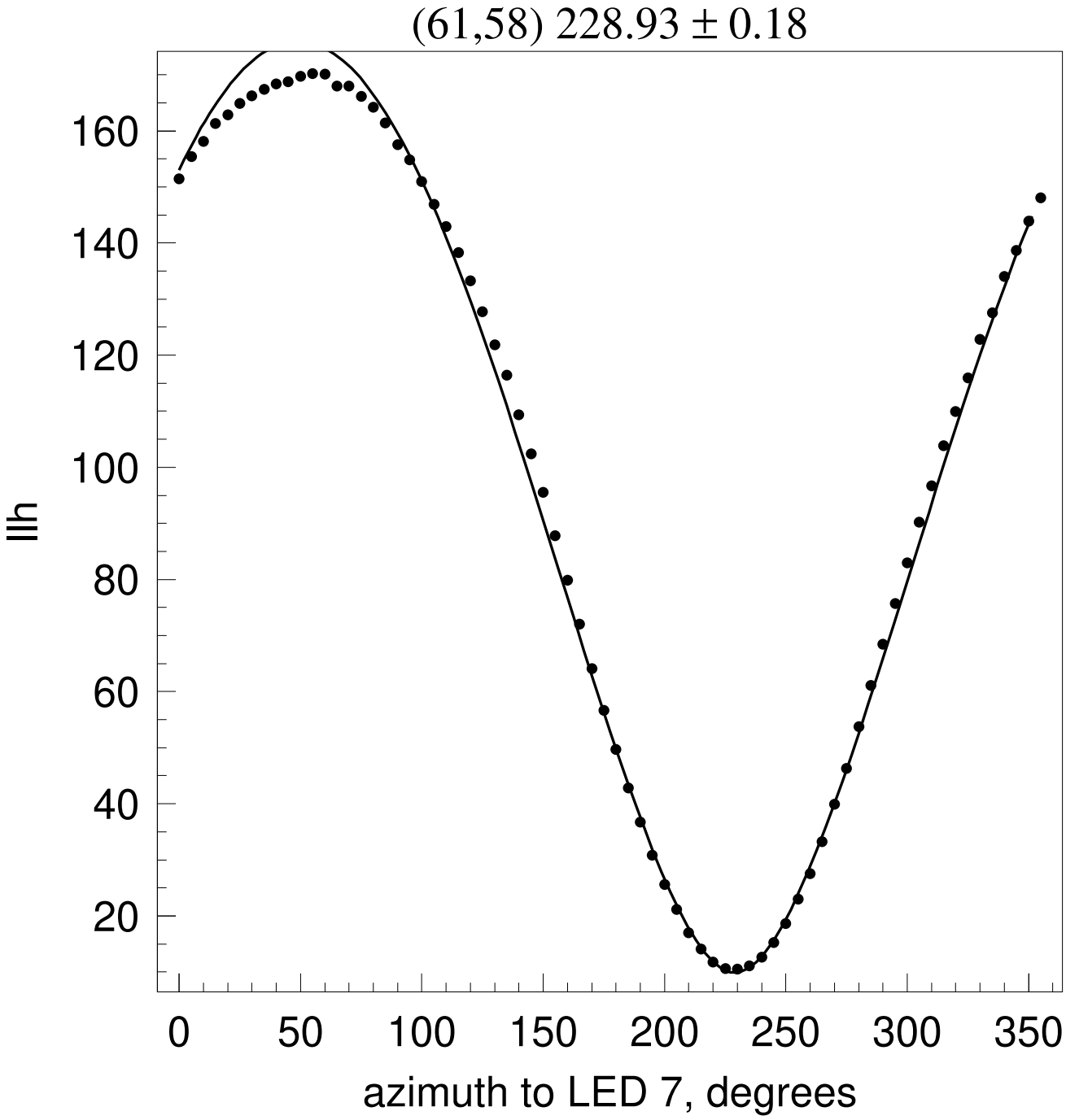

(61,53) 319.97 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

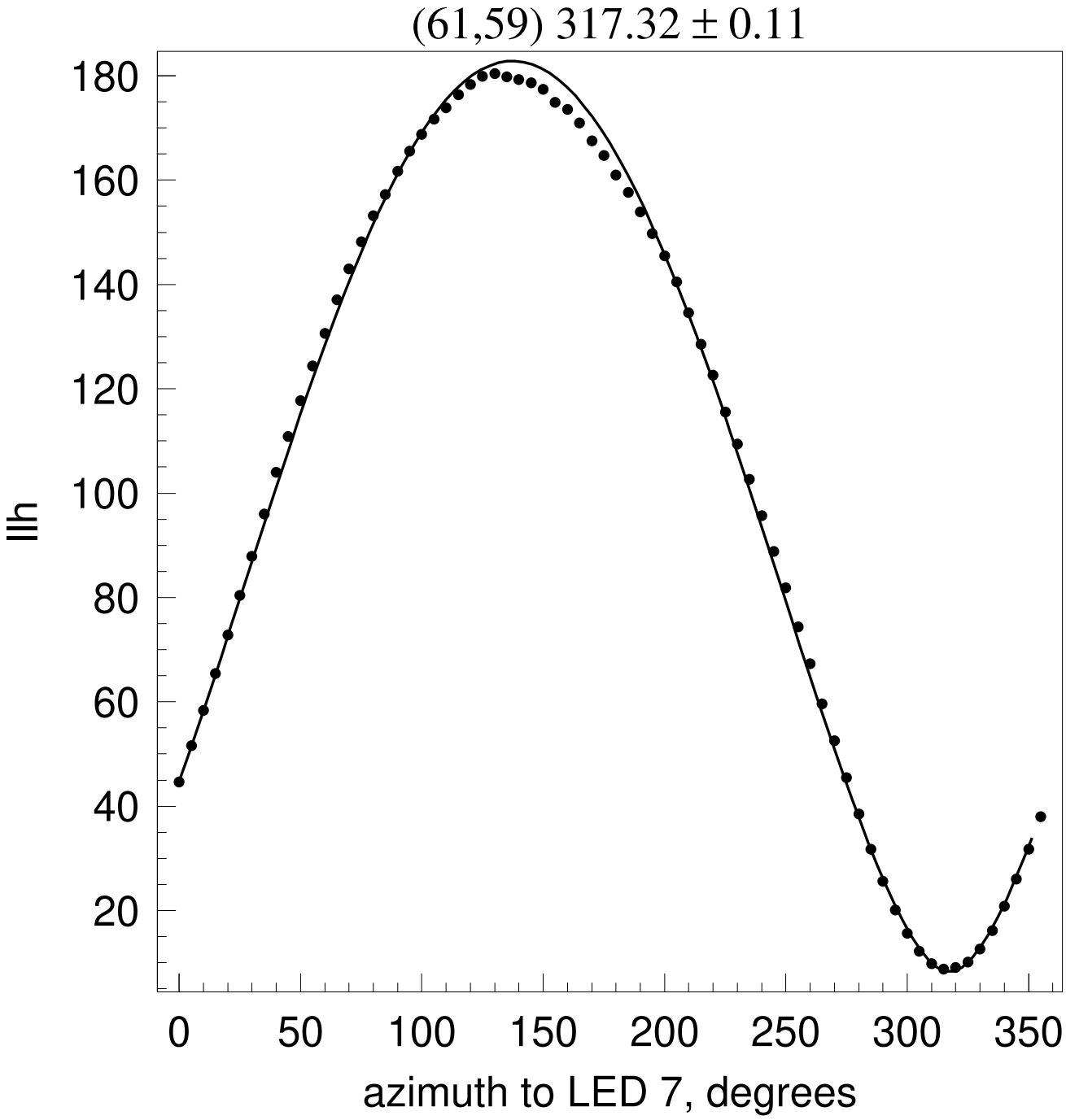

(61,54) 98.42 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

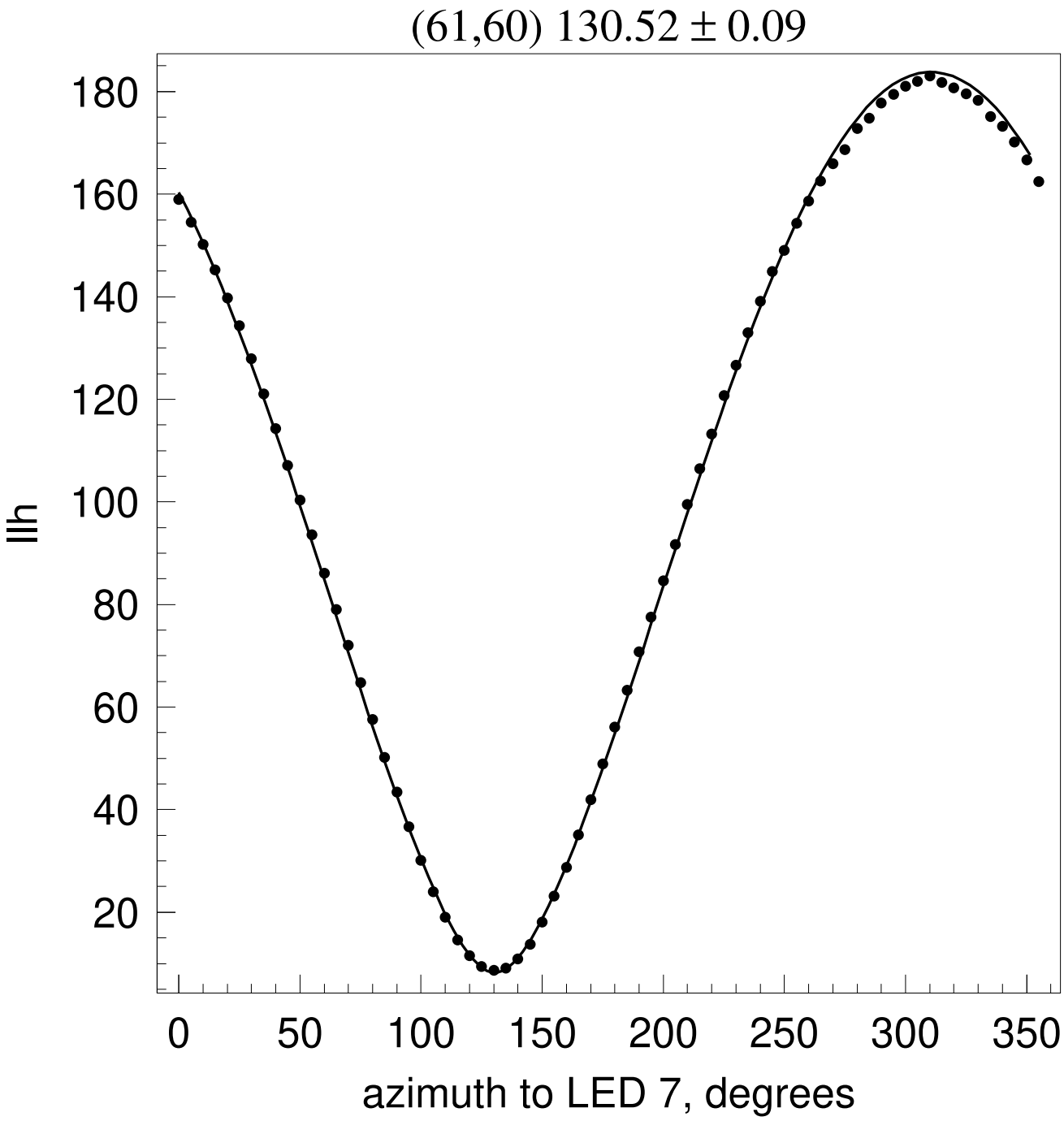

(61,55) 113.40 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

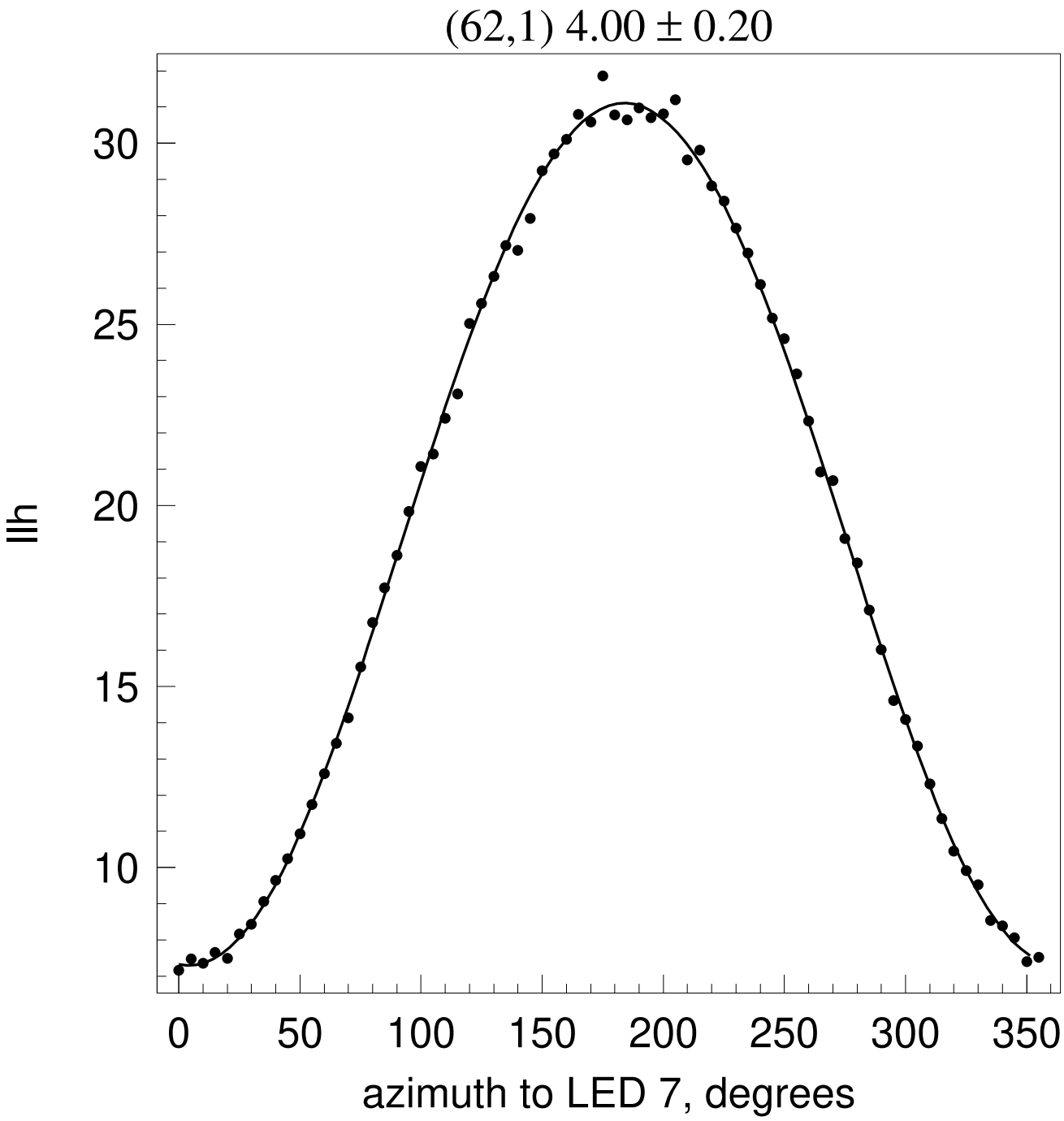

(61,56) 179.61 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

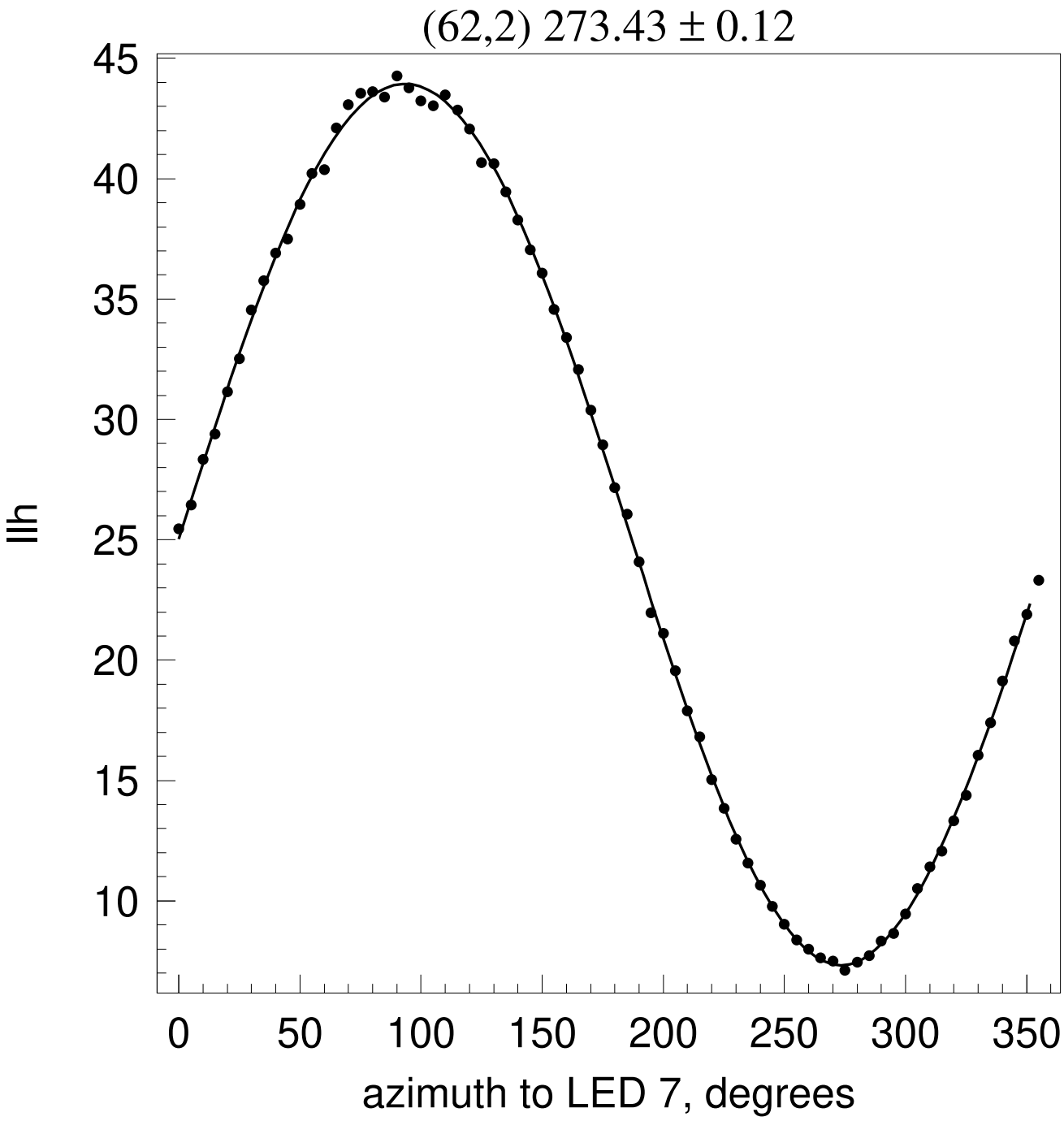

(61,57) 162.76 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

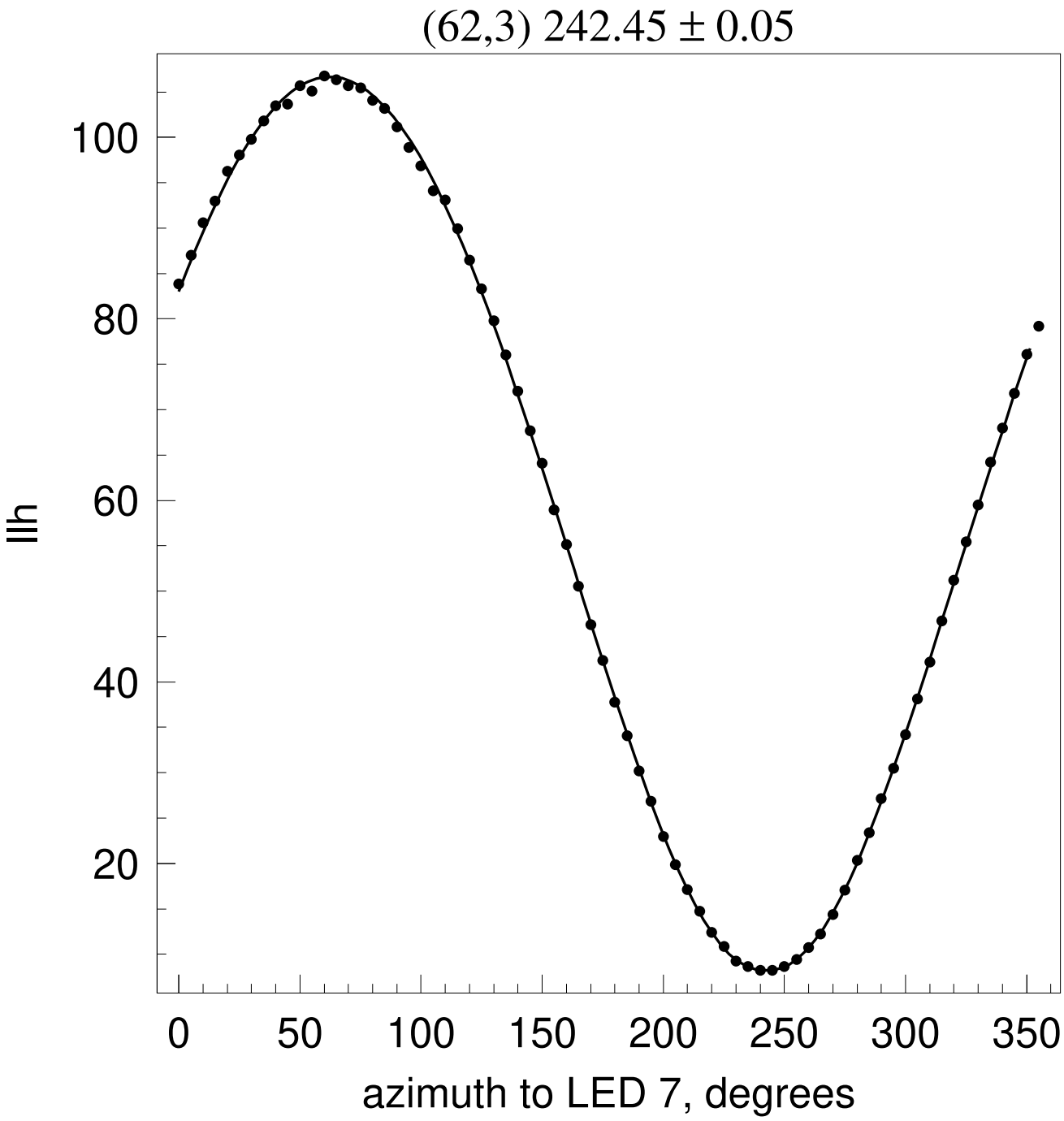

(61,58) 228.93 ± 0.18
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

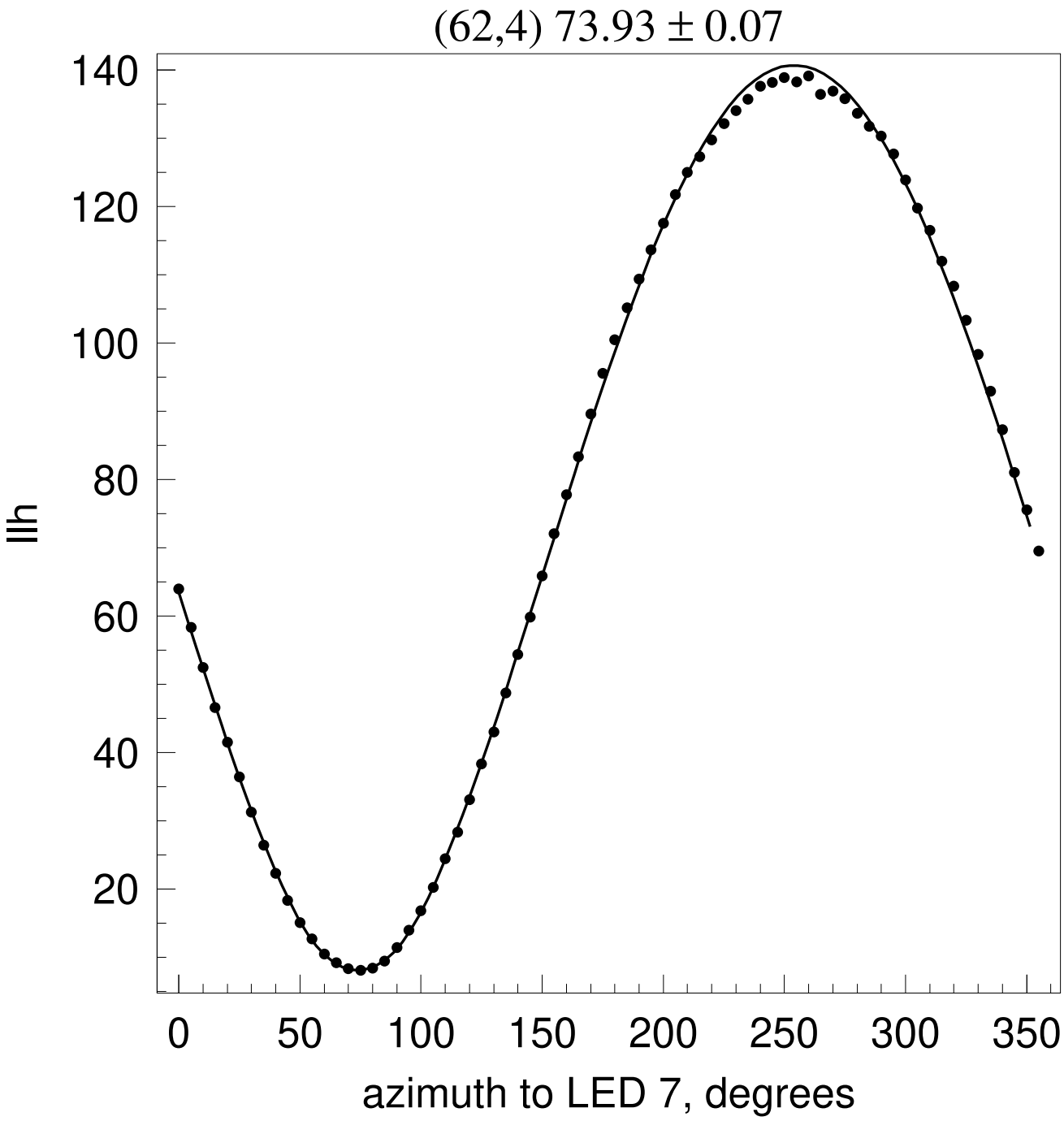

(61,59) 317.32 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

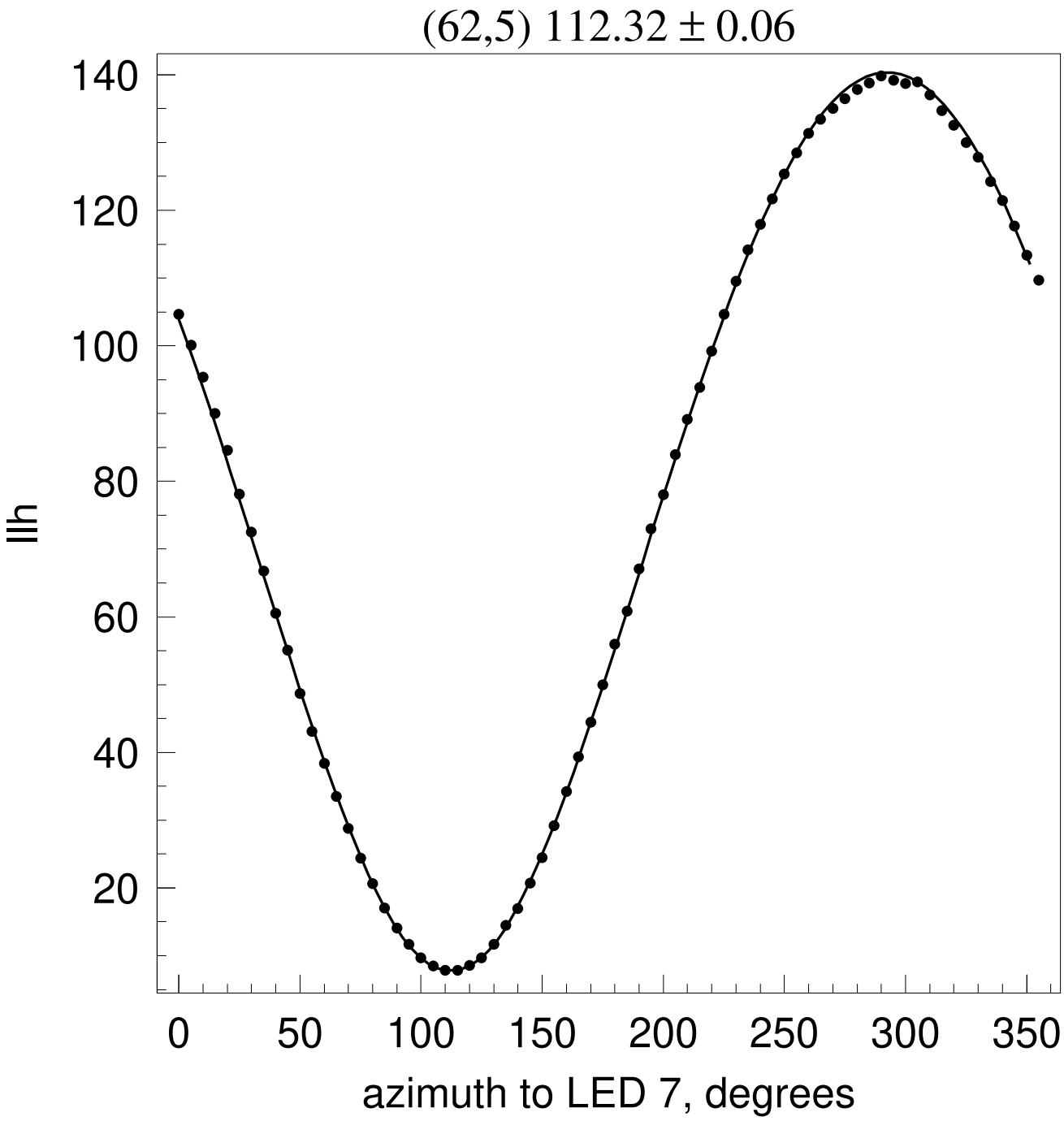

(61,60) 130.52 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

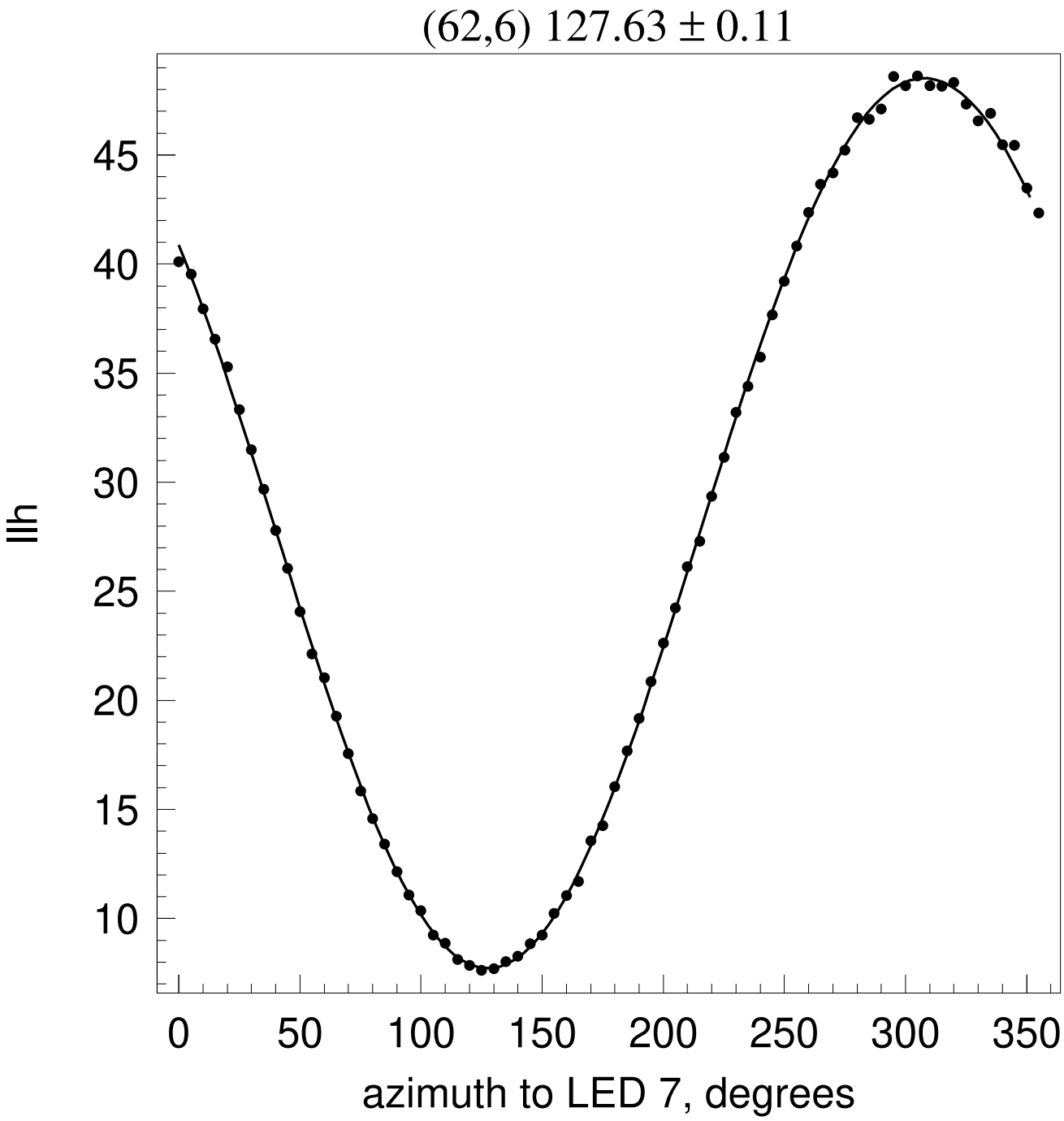

(62,1) 4.00 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

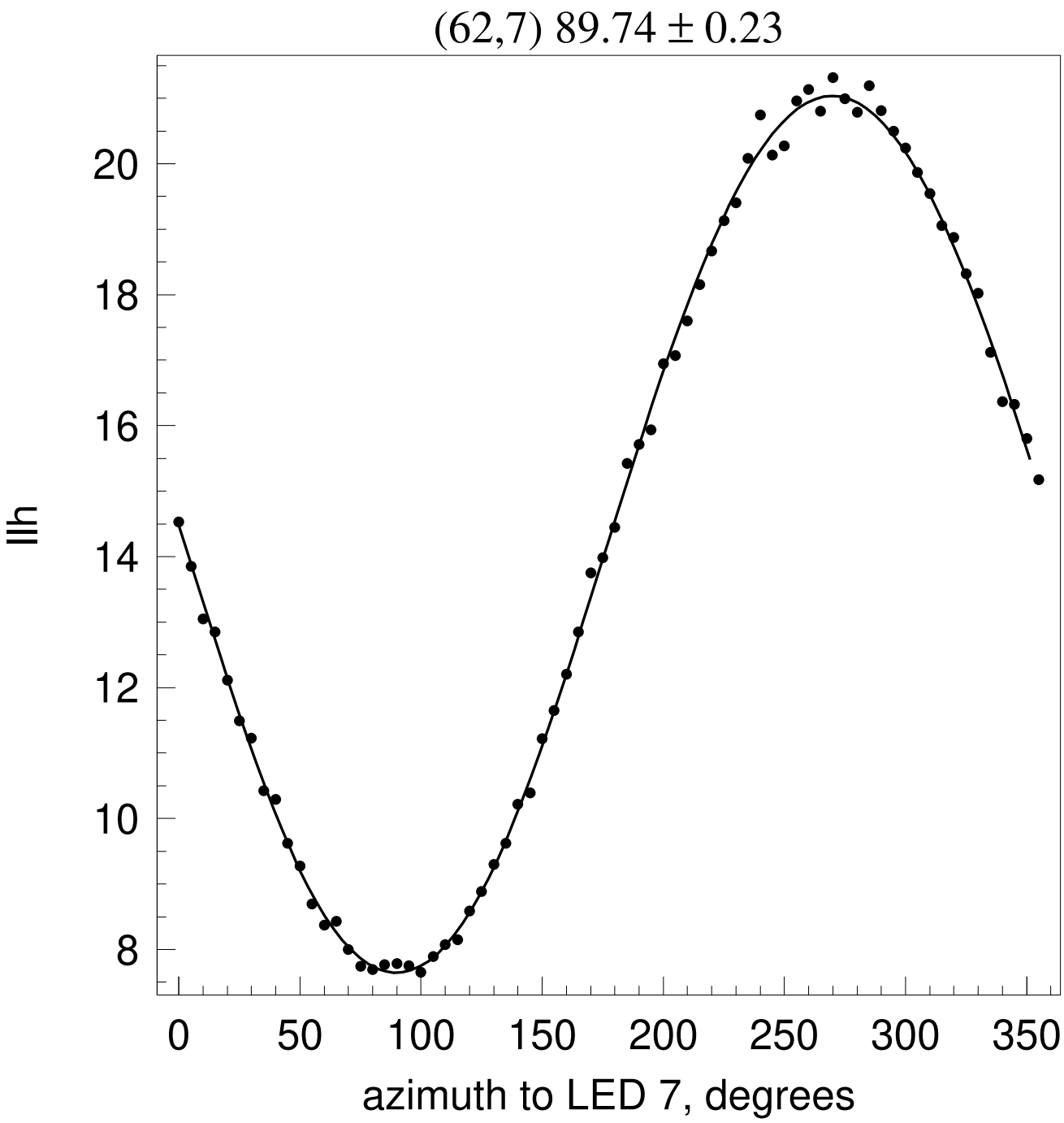

(62,2) 273.43 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

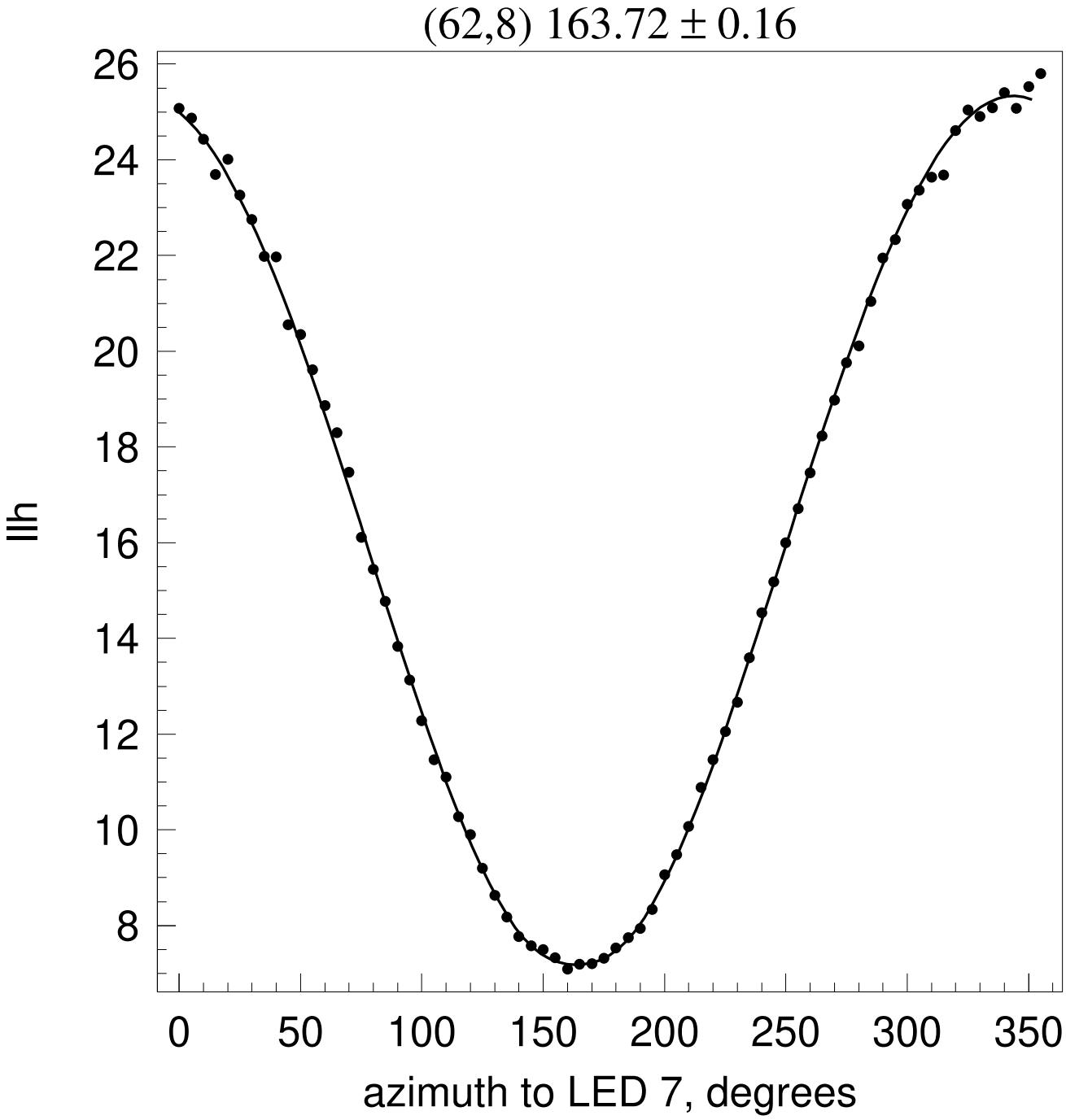

(62,3) 242.45 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

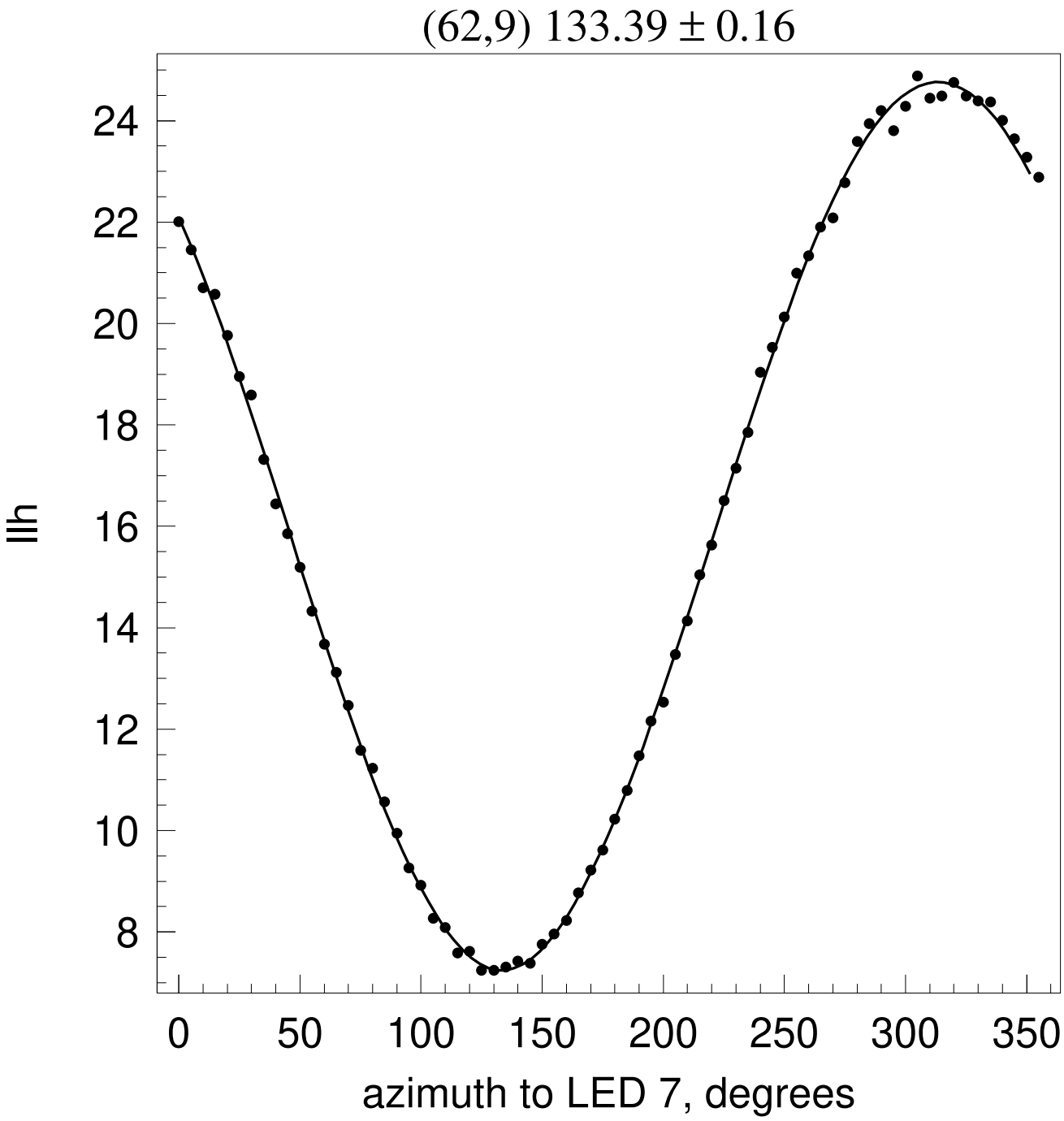

(62,4) 73.93 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

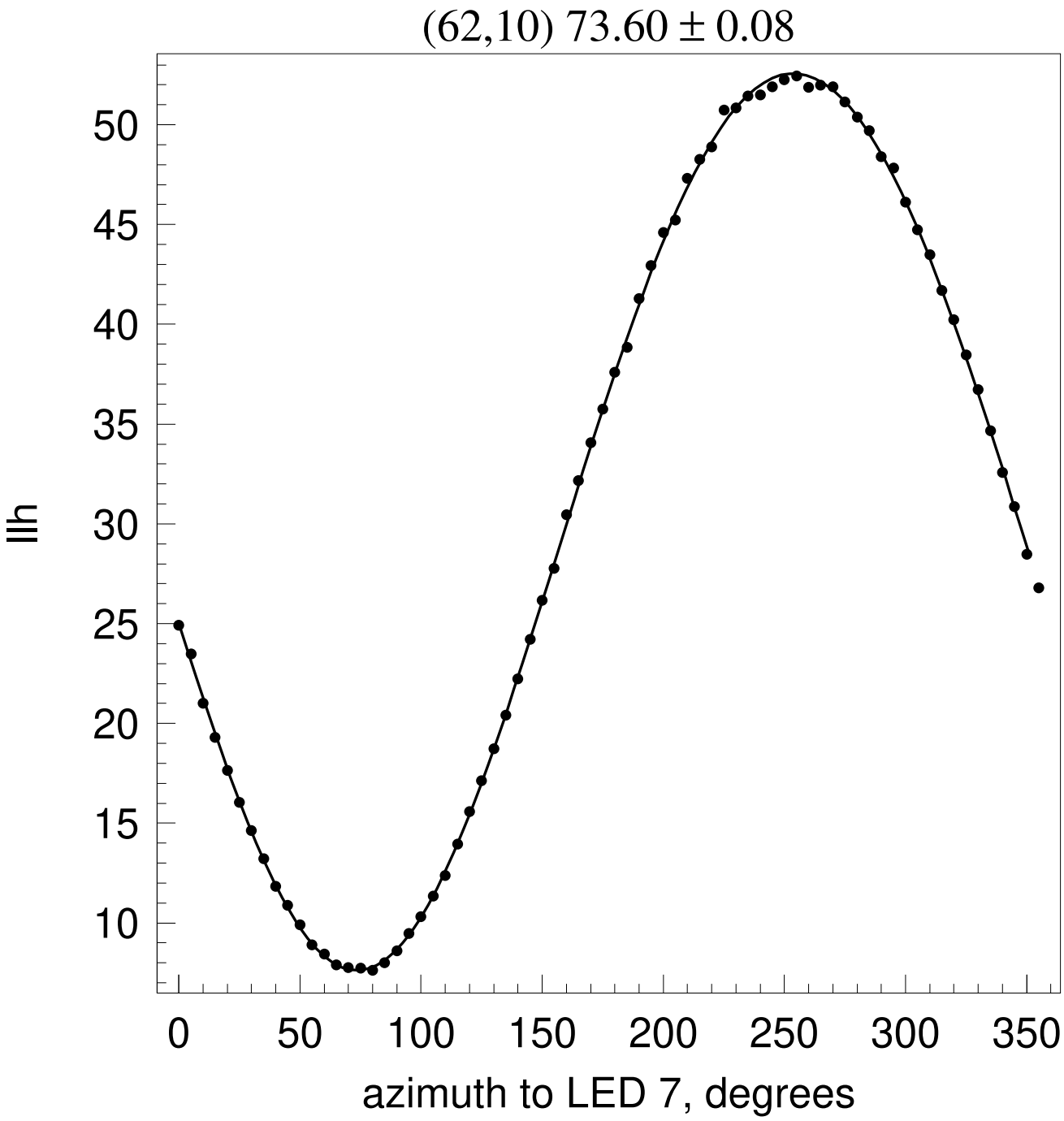

(62,5) 112.32 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

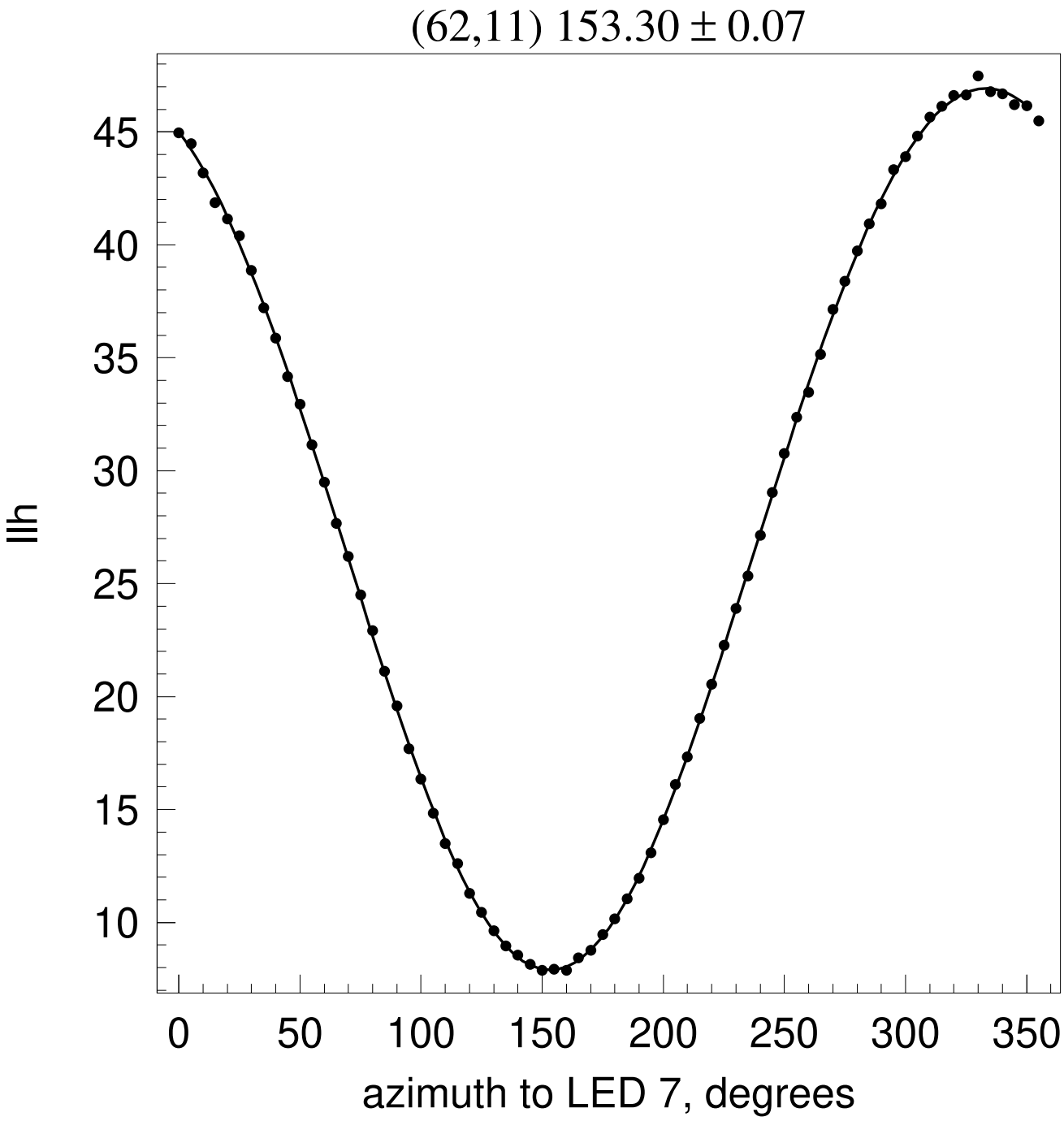

(62,6) 127.63 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

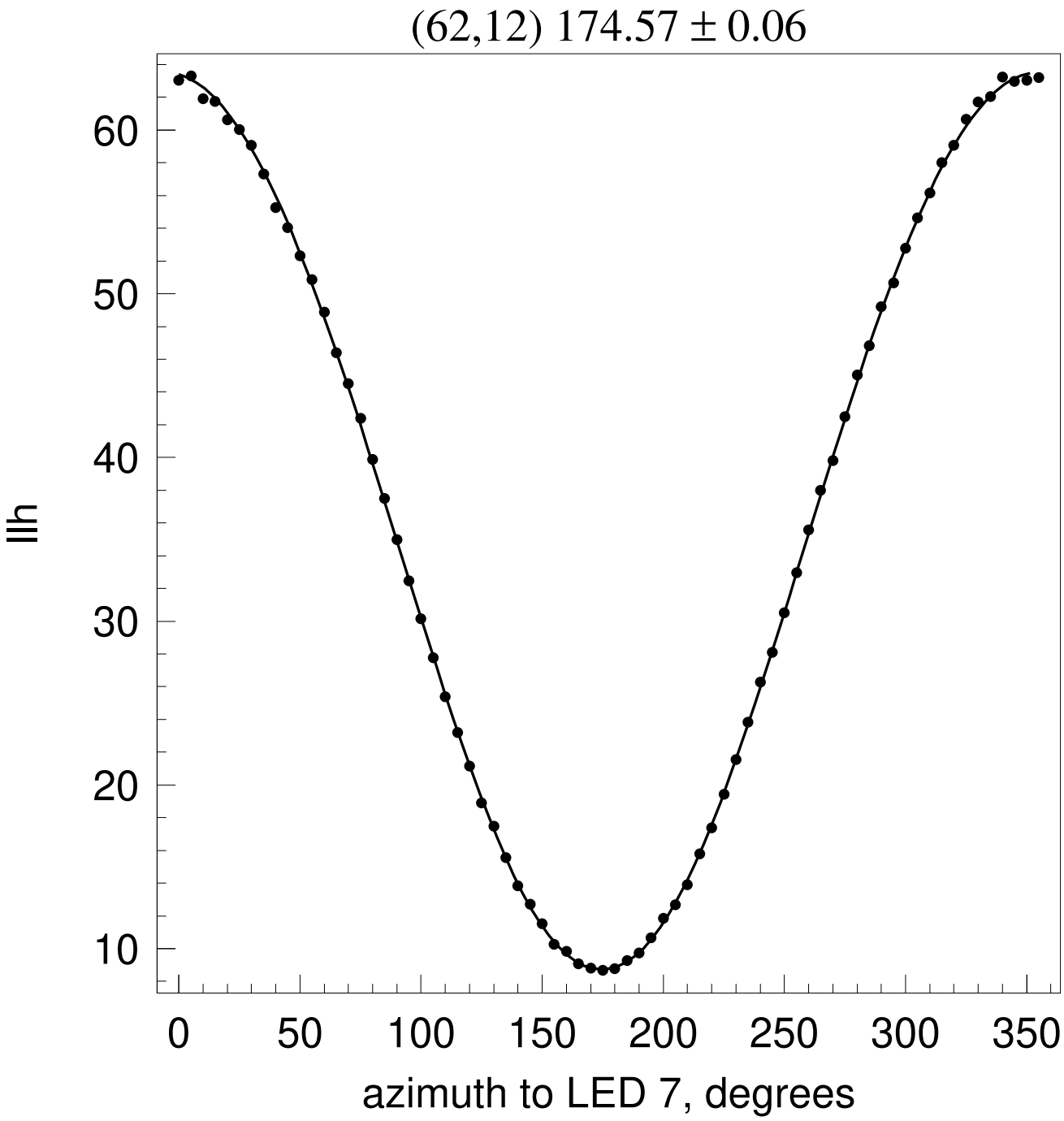

(62,7) 89.74 ± 0.23
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

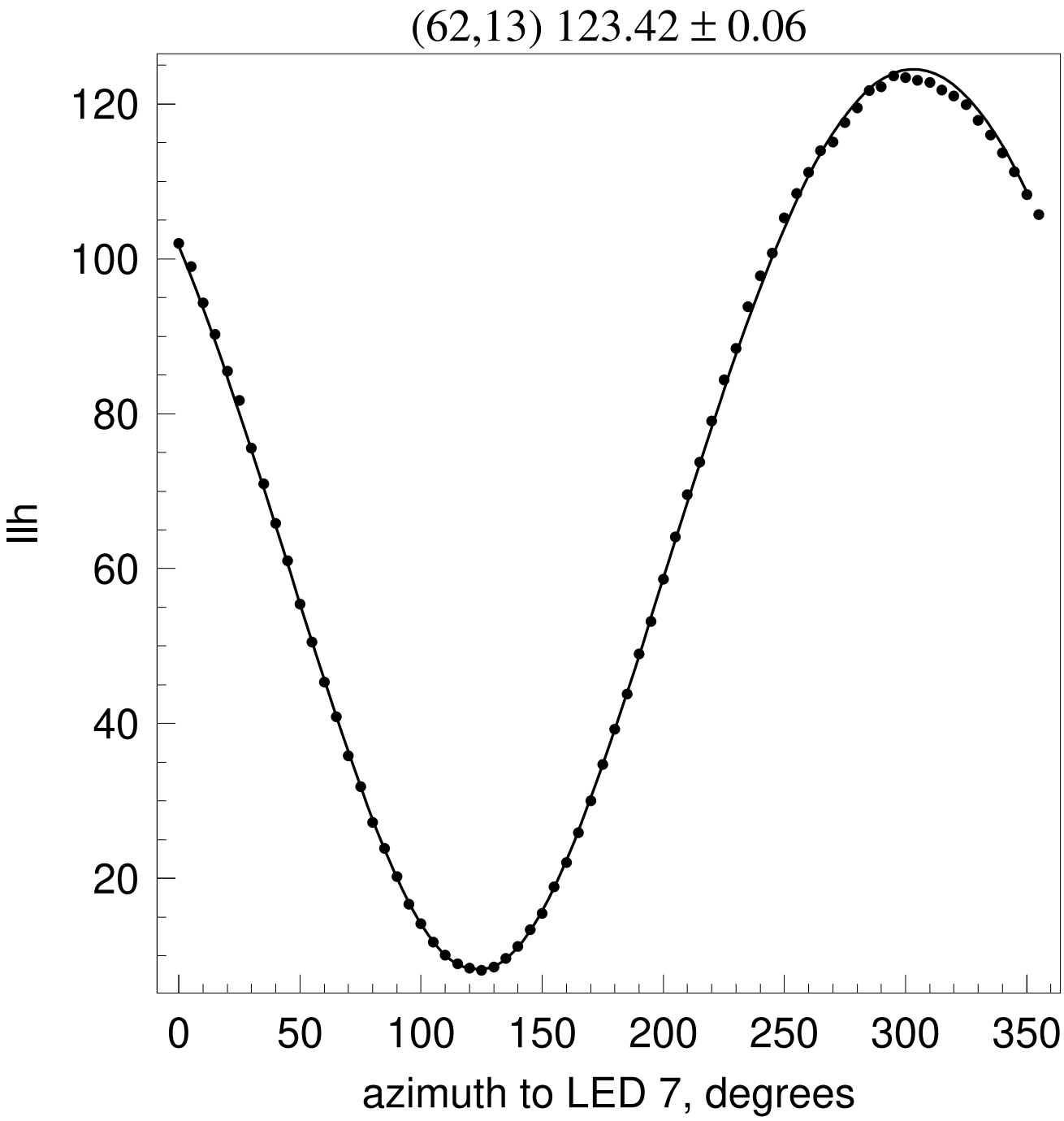

(62,8) 163.72 ± 0.16
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

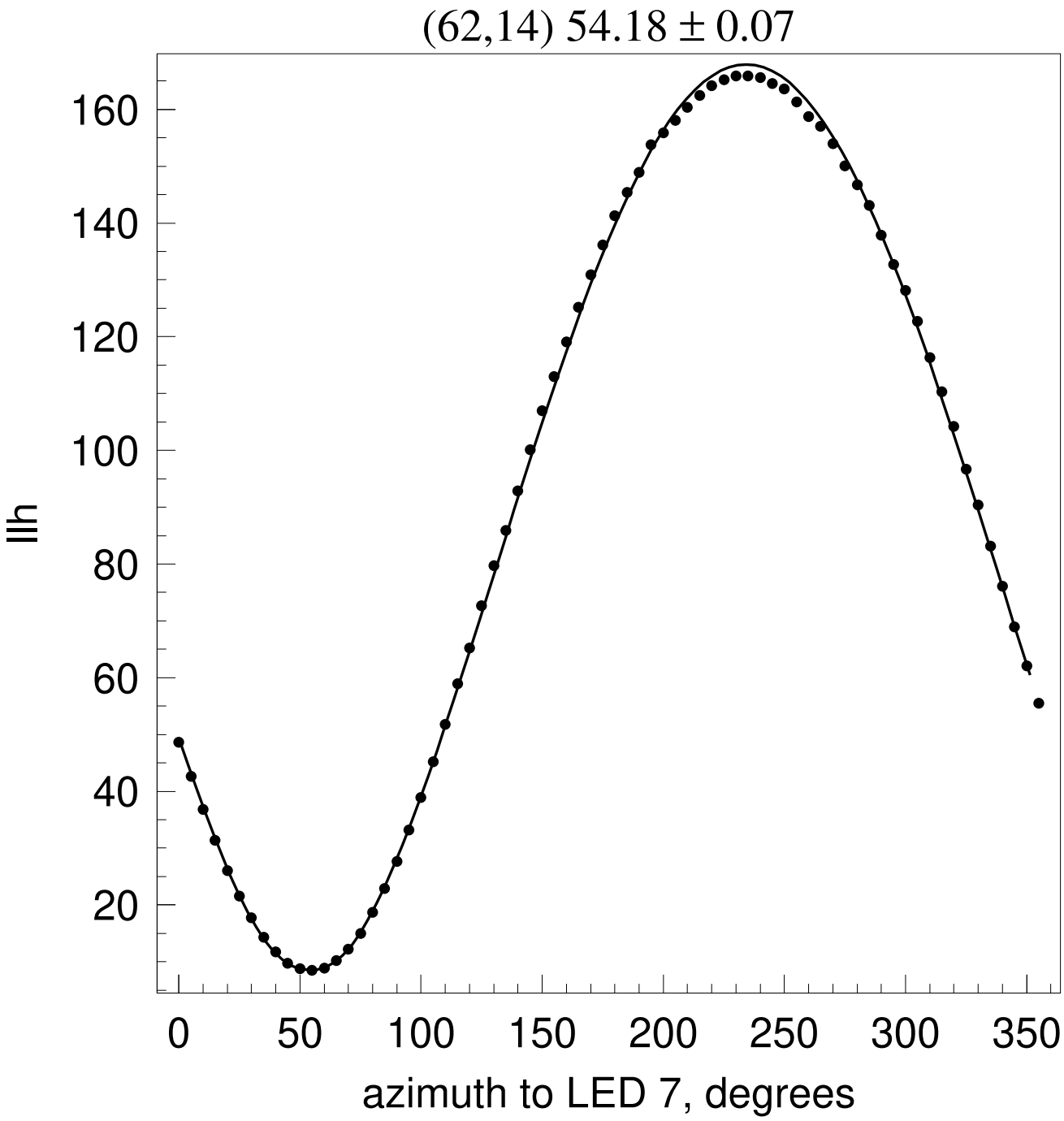

(62,9) 133.39 ± 0.16
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

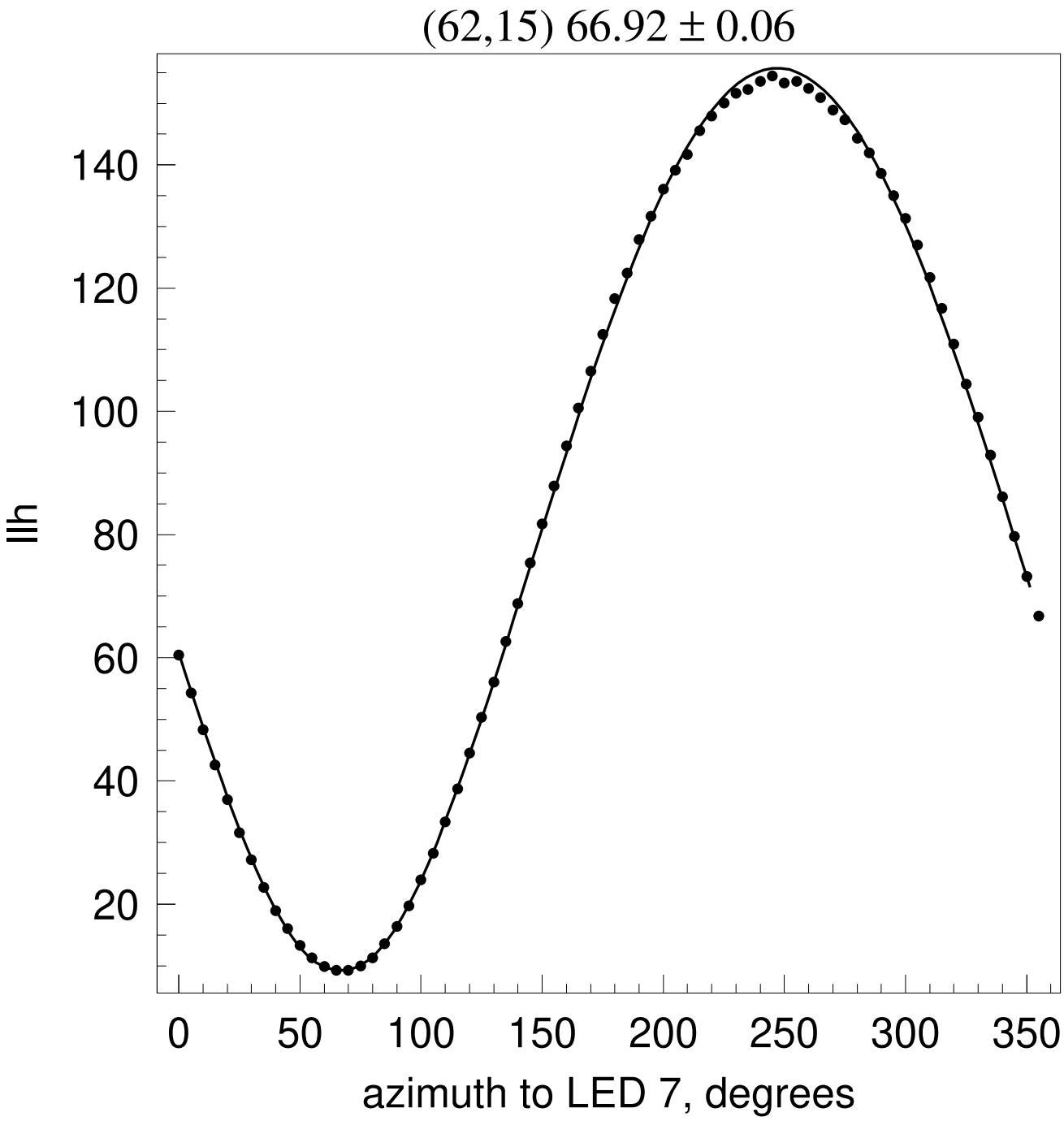

(62,10) 73.60 ± 0.08
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

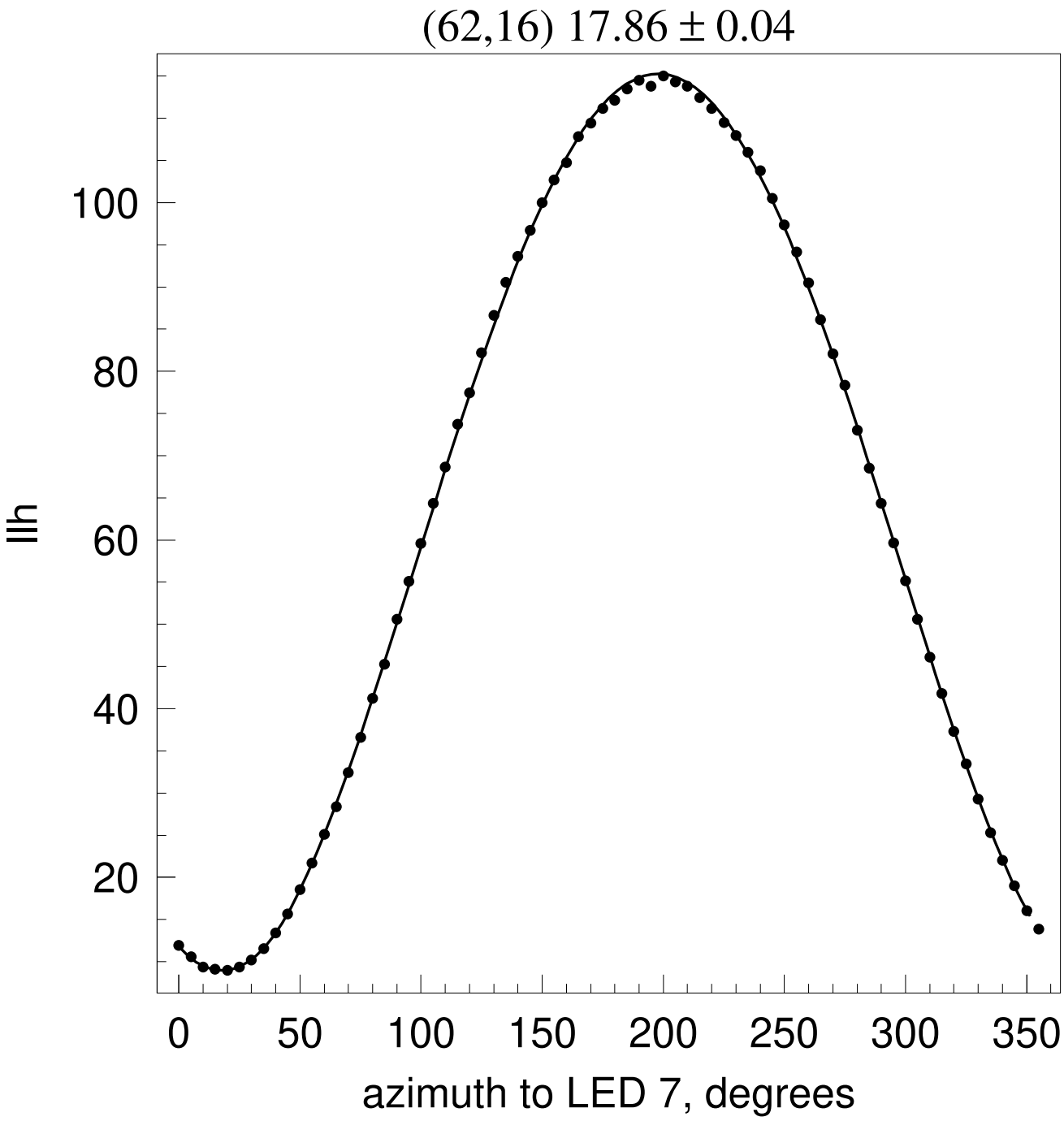

(62,11) 153.30 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

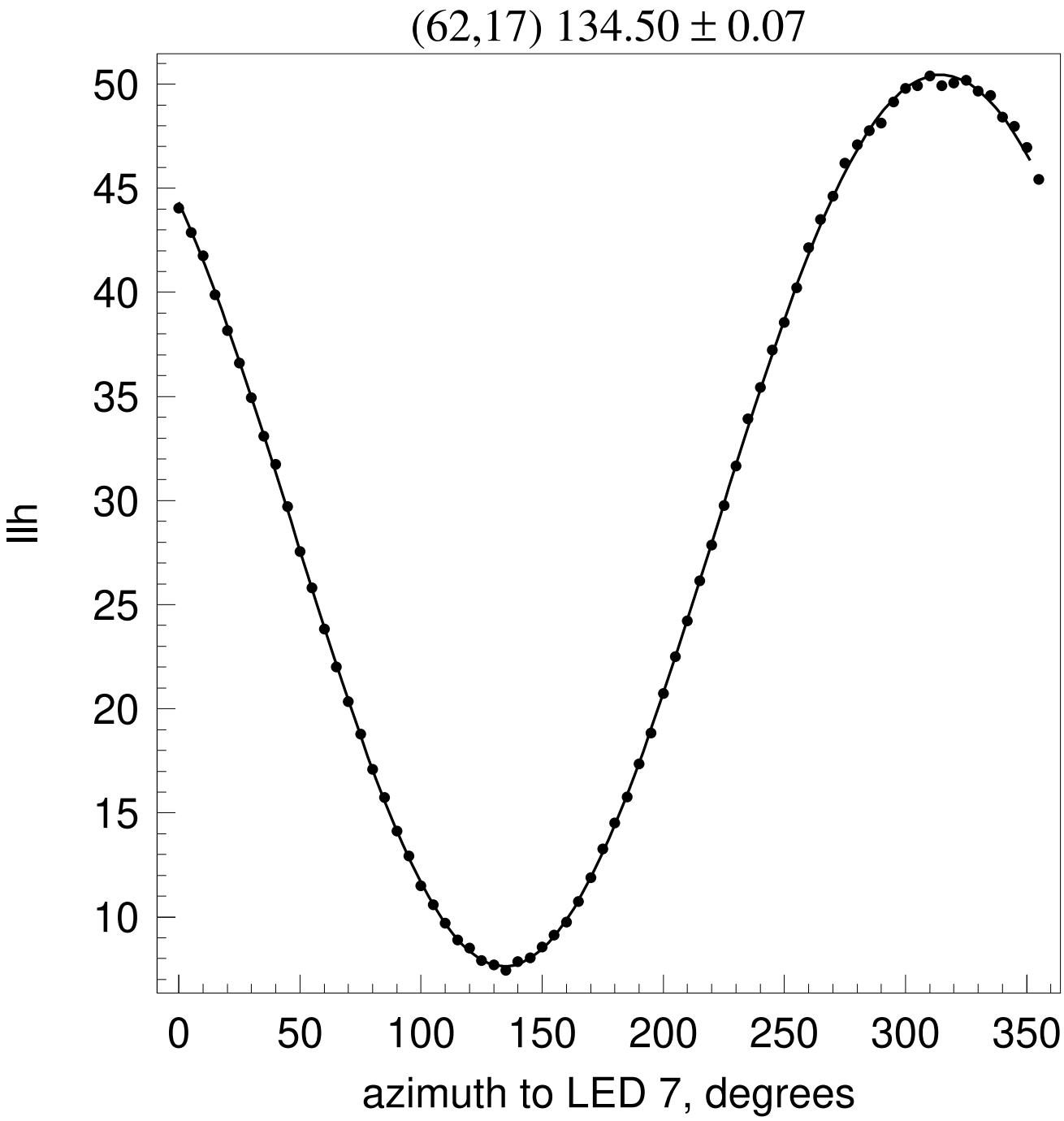

(62,12) 174.57 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

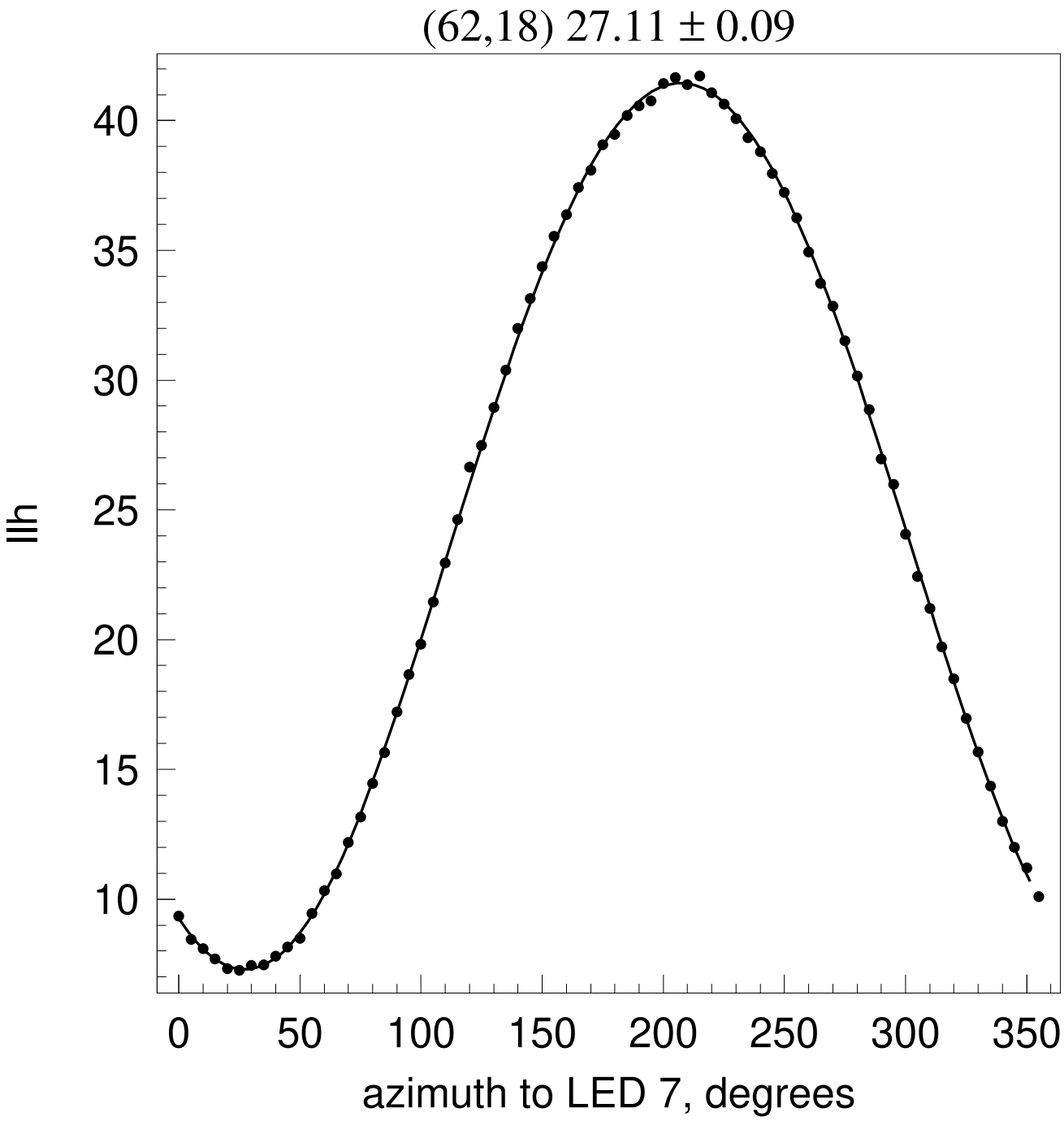

(62,13) 123.42 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

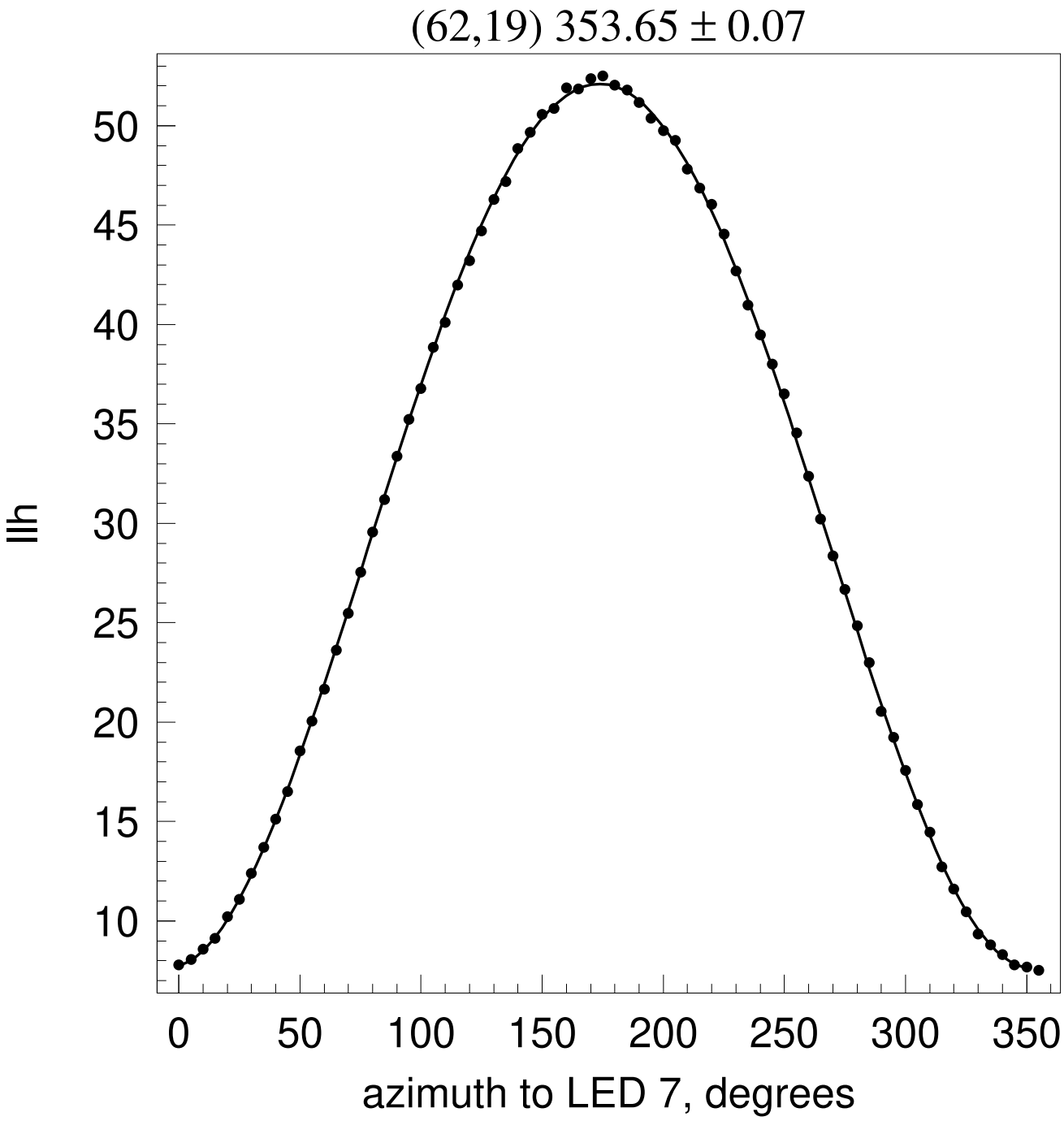

(62,14) 54.18 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

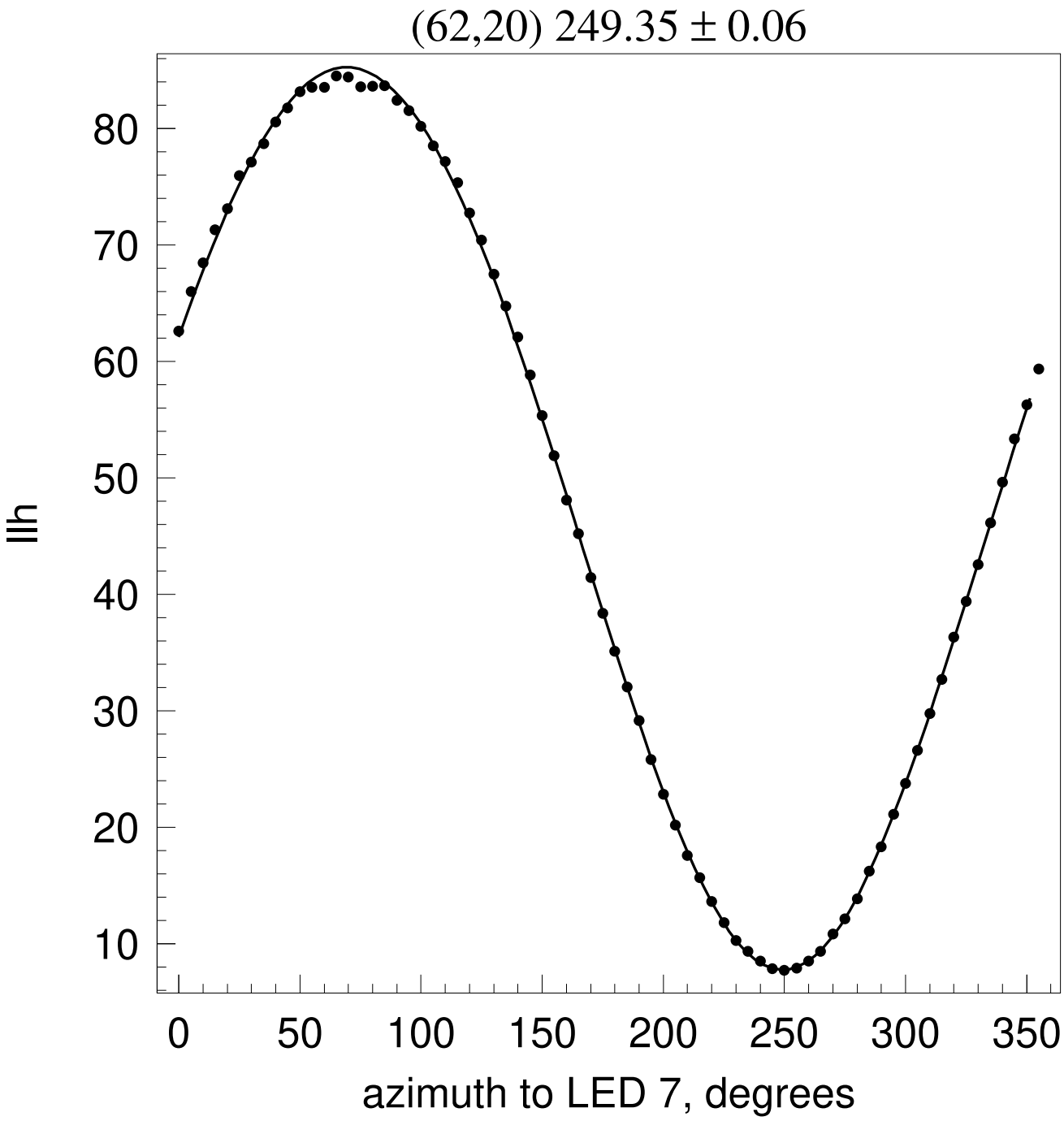

(62,15) 66.92 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

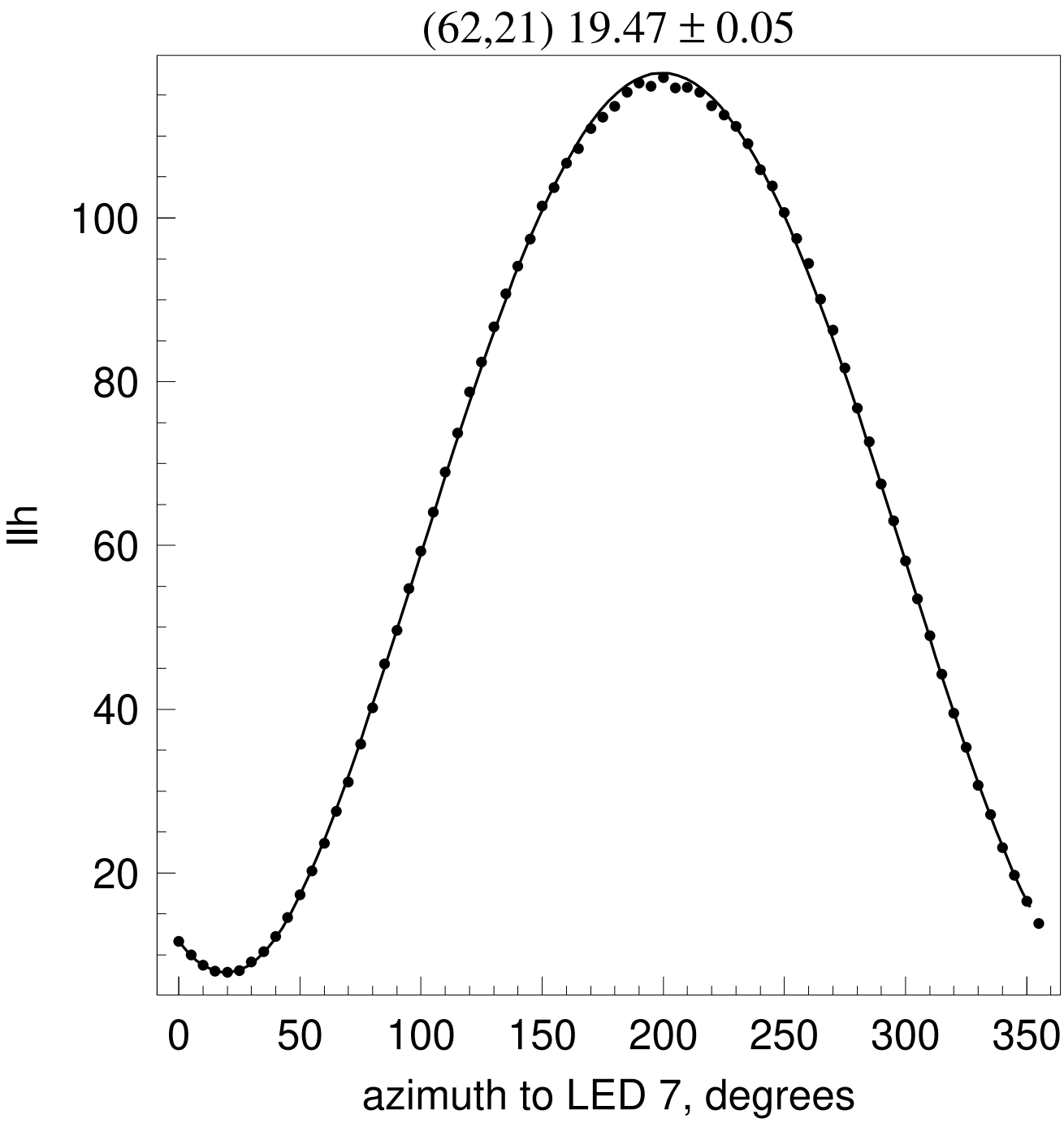

(62,16) 17.86 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

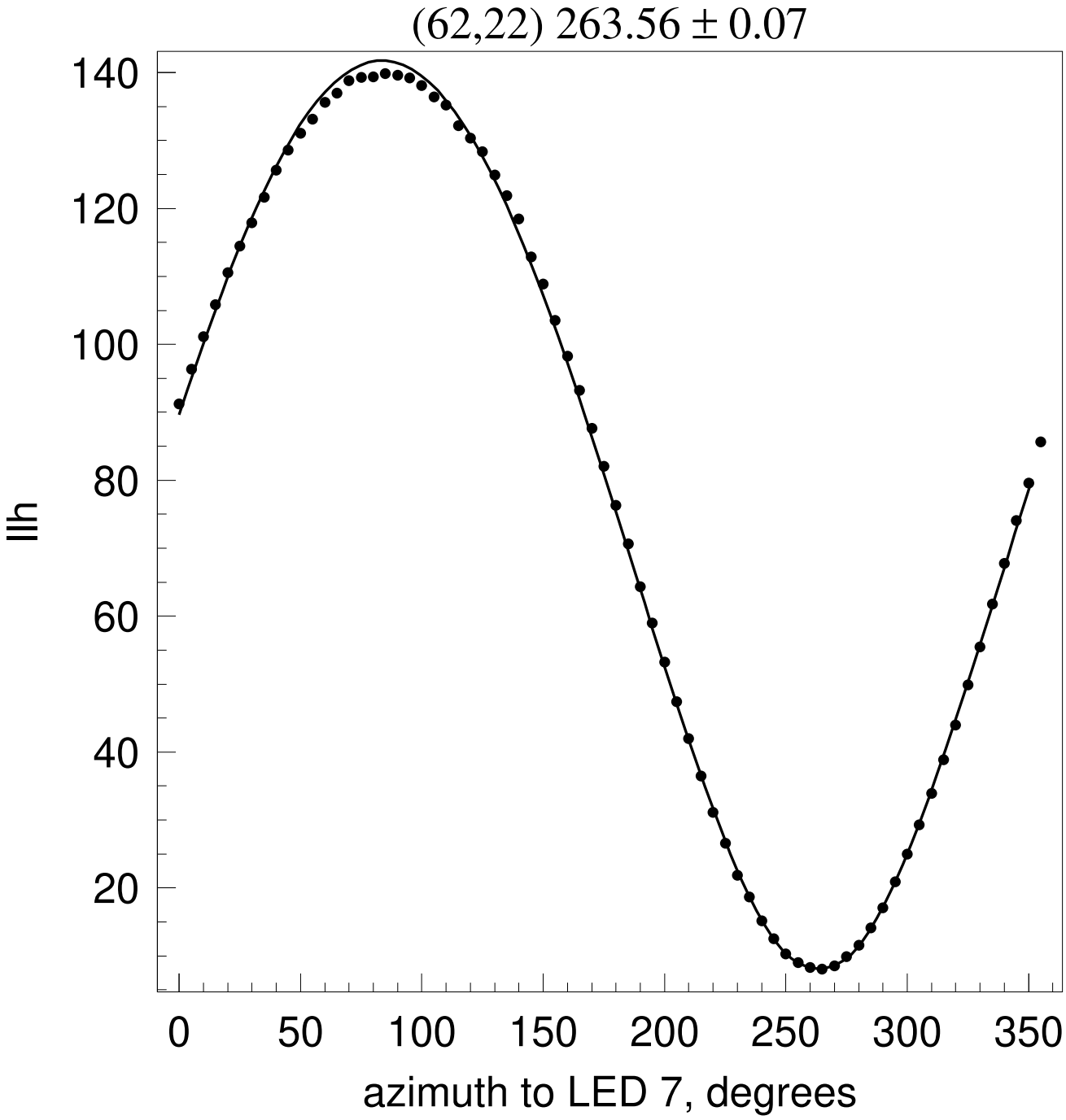

(62,17) 134.50 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

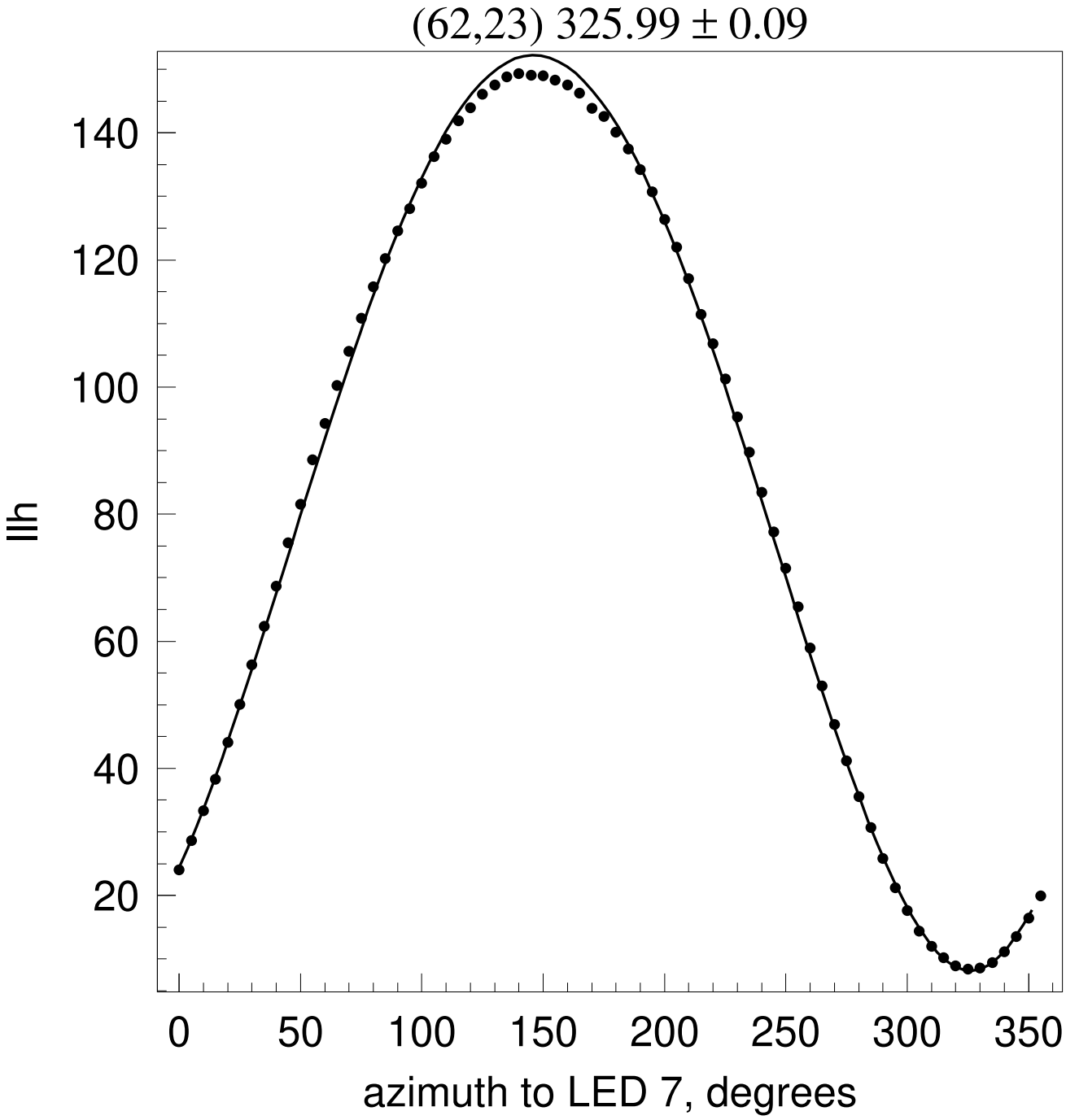

(62,18) 27.11 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

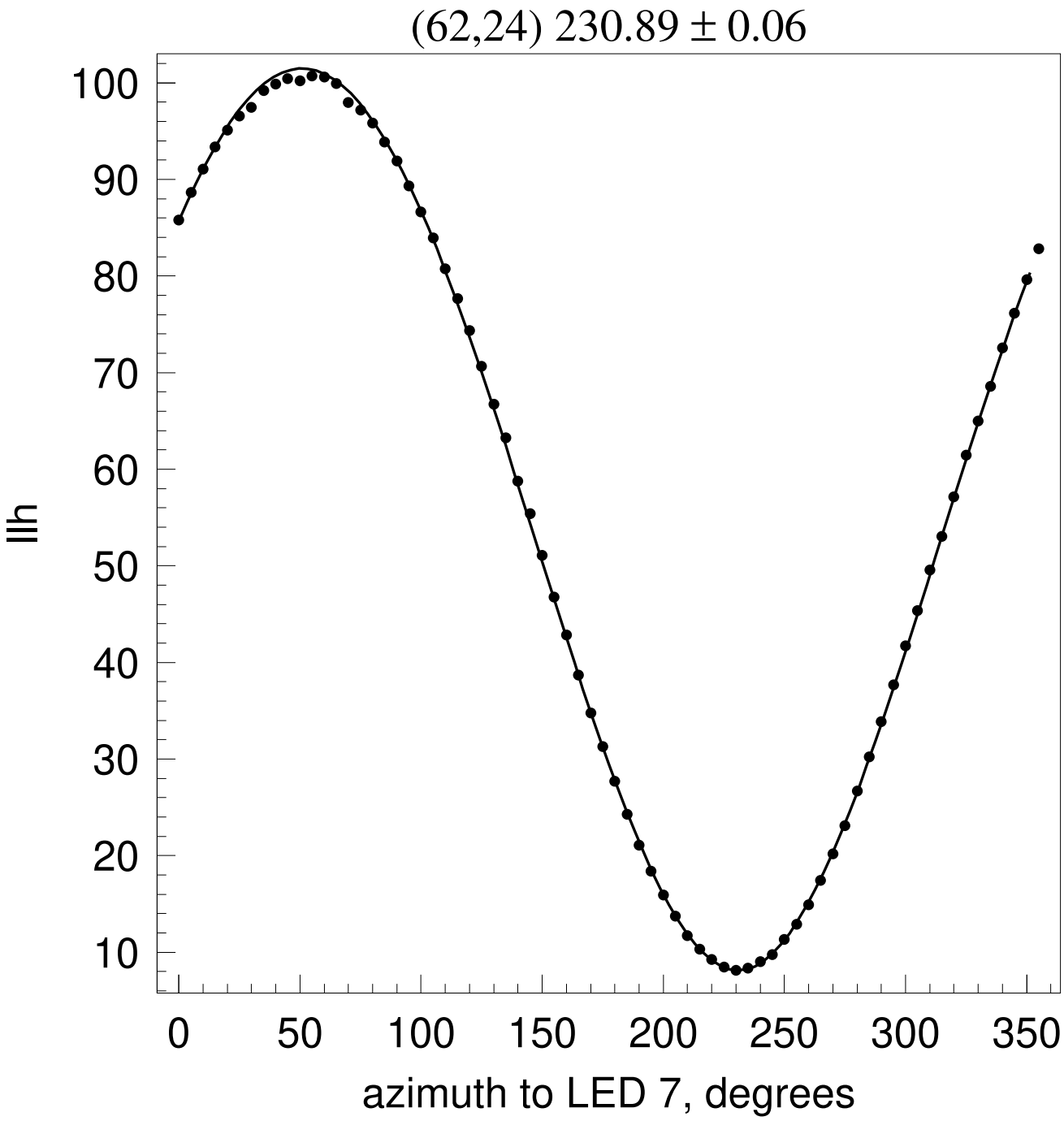

(62,19) 353.65 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

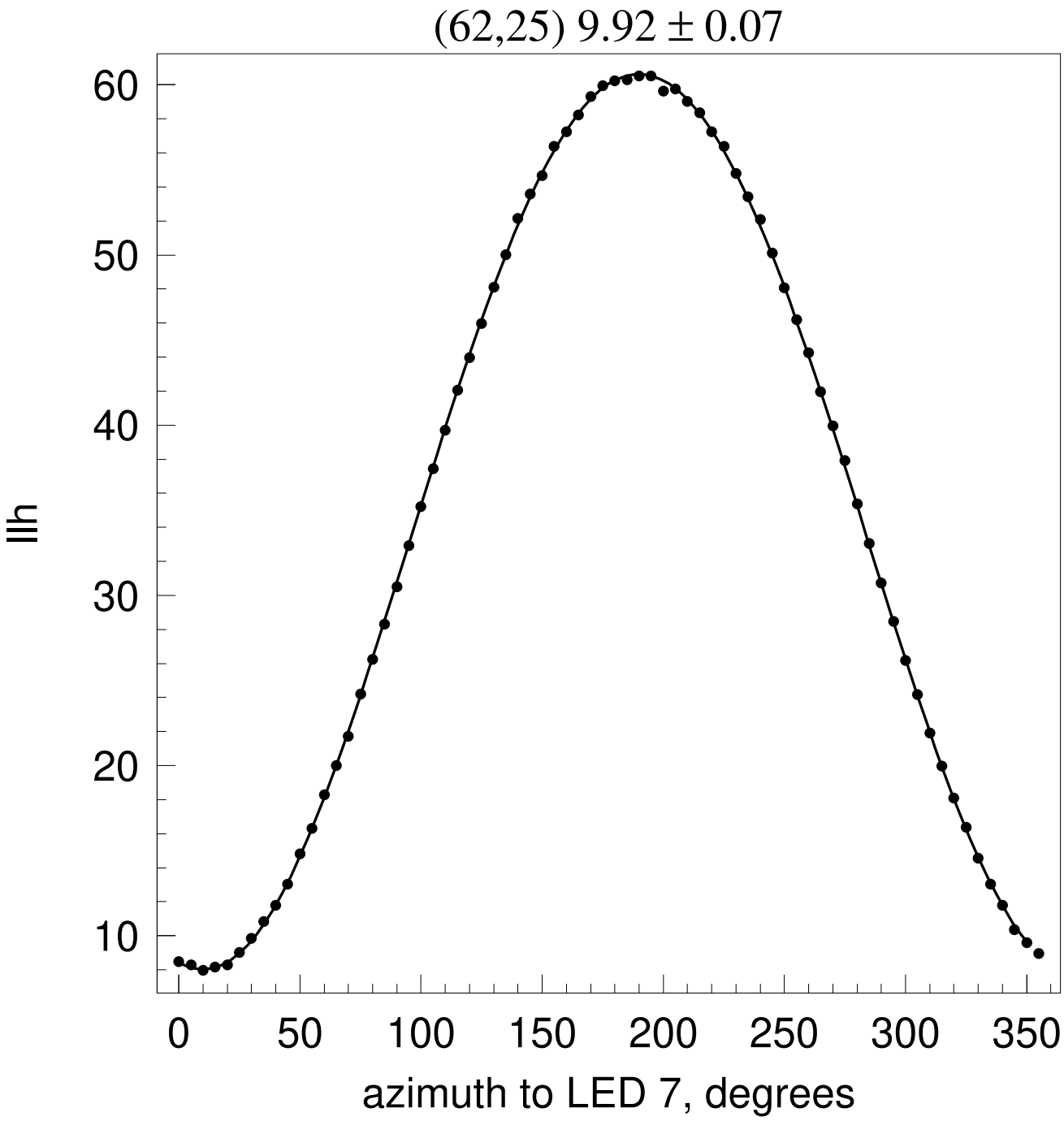

(62,20) 249.35 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

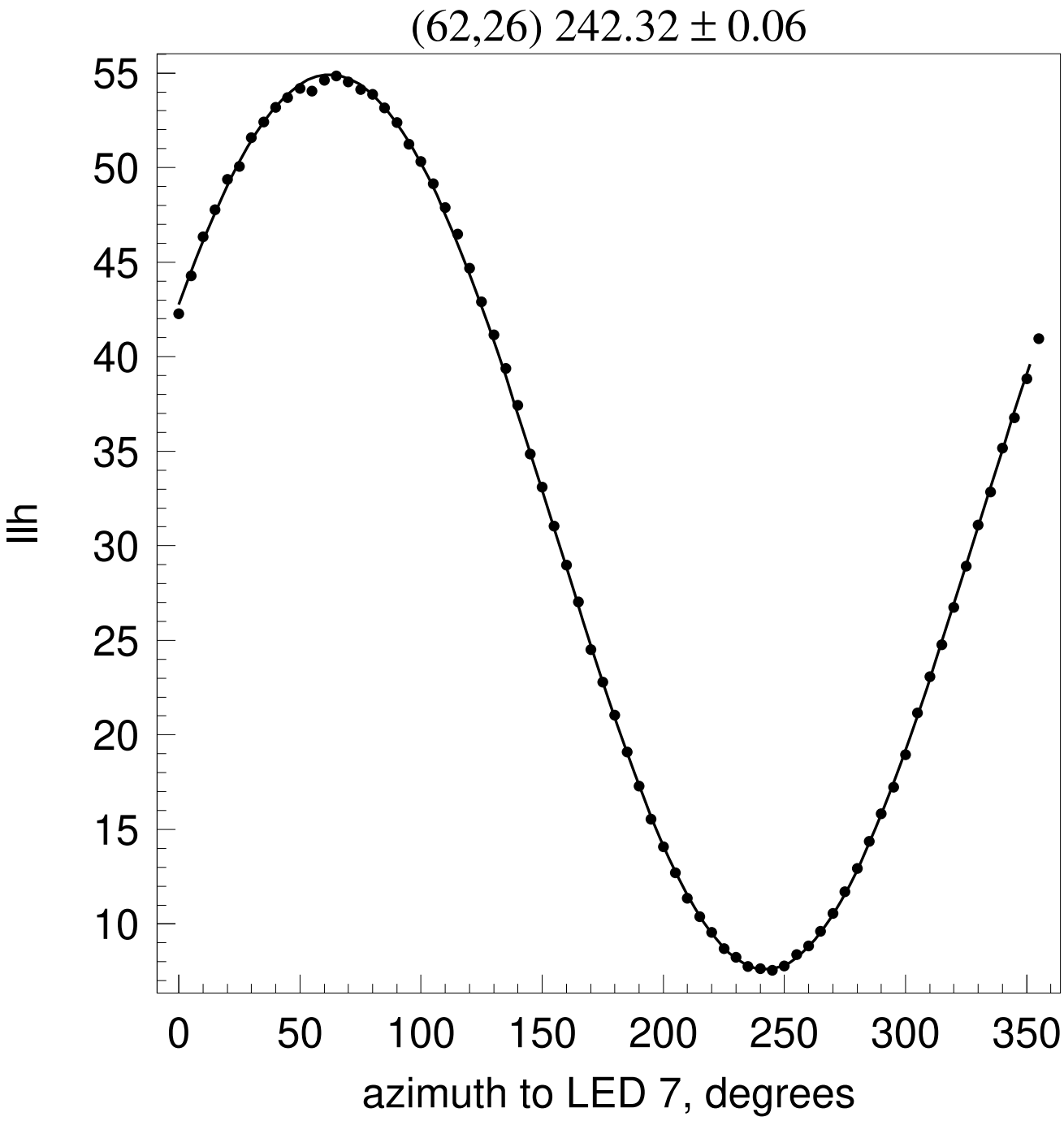

(62,21) 19.47 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

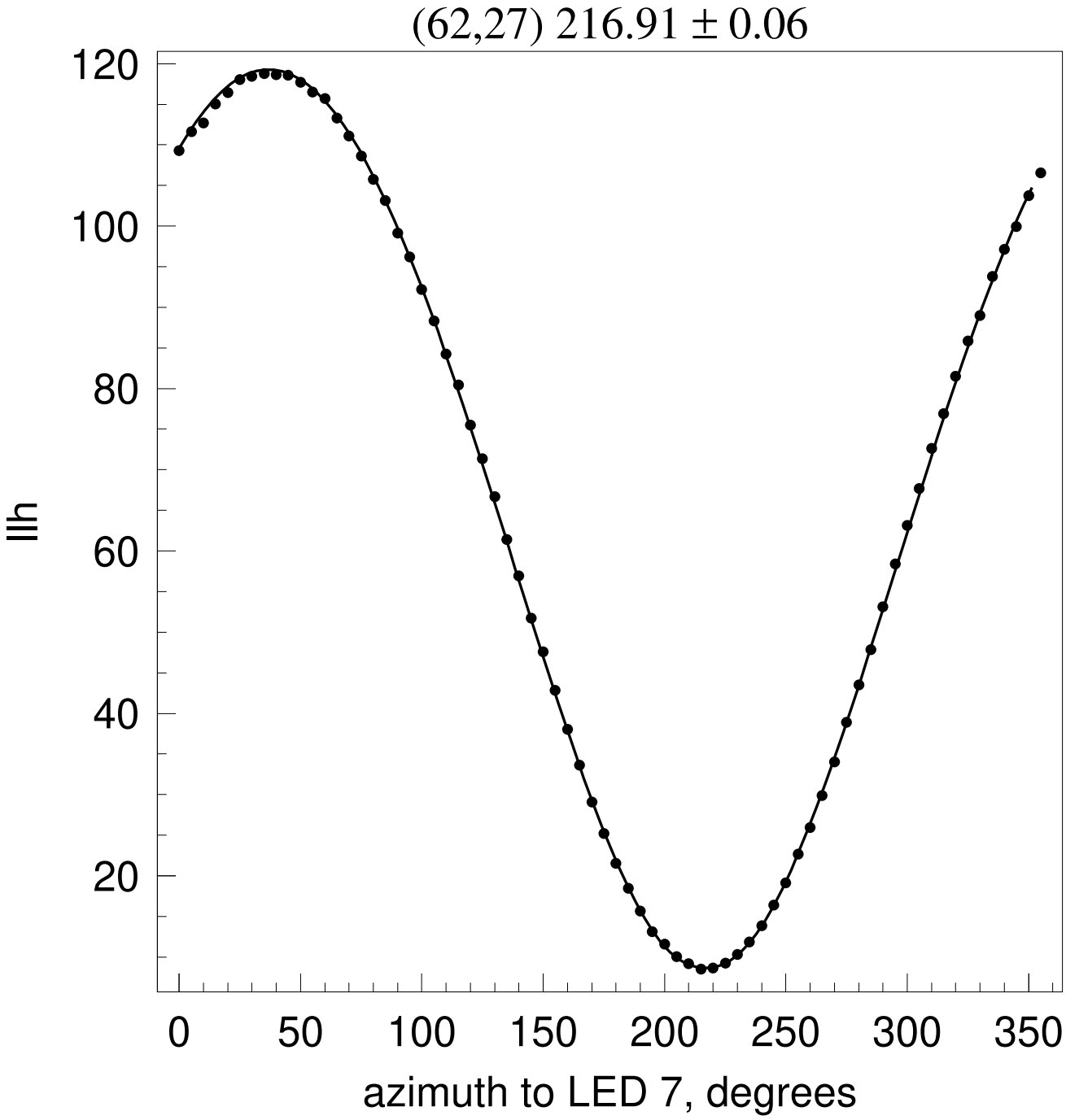

(62,22) 263.56 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

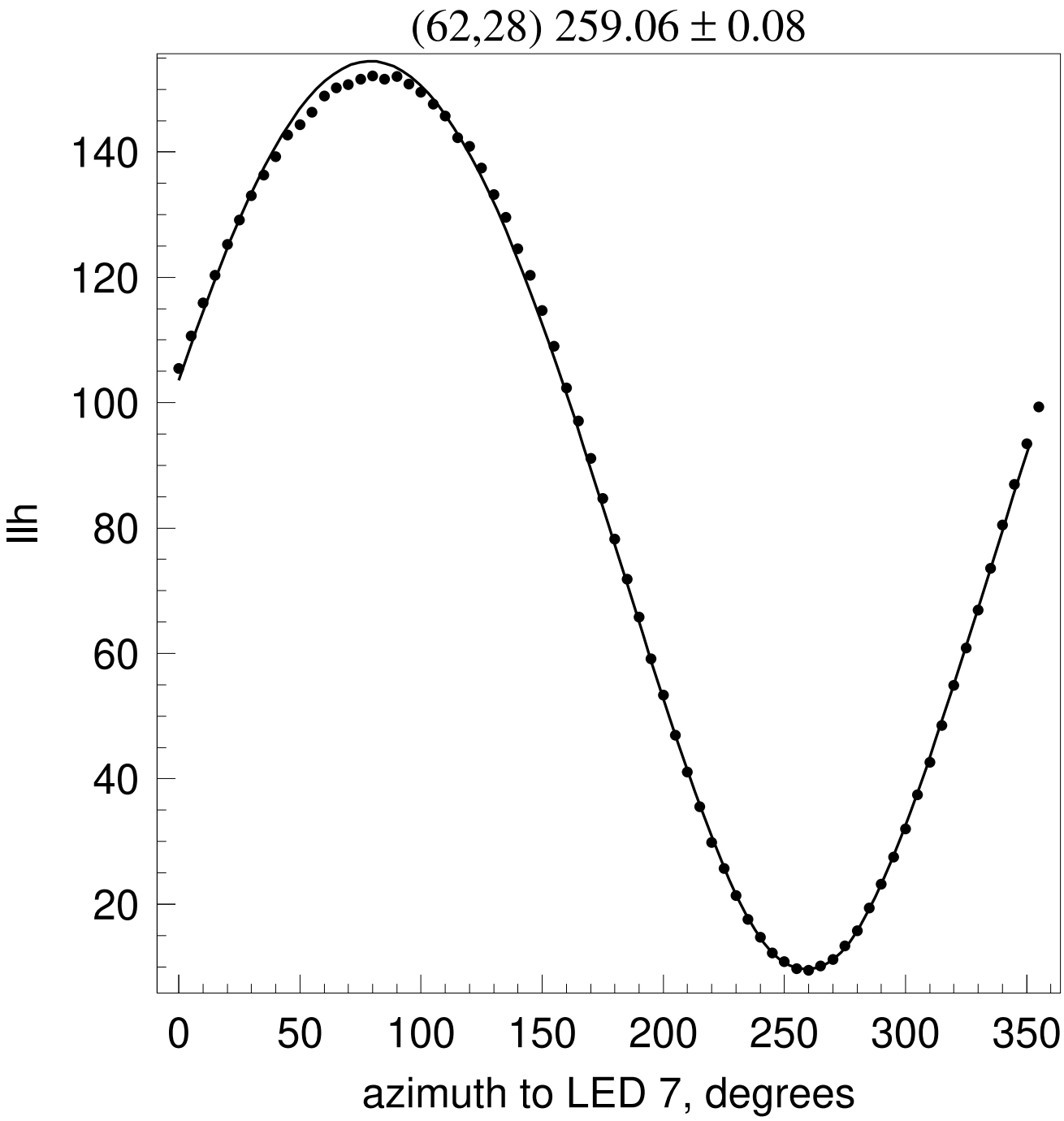

(62,23) 325.99 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

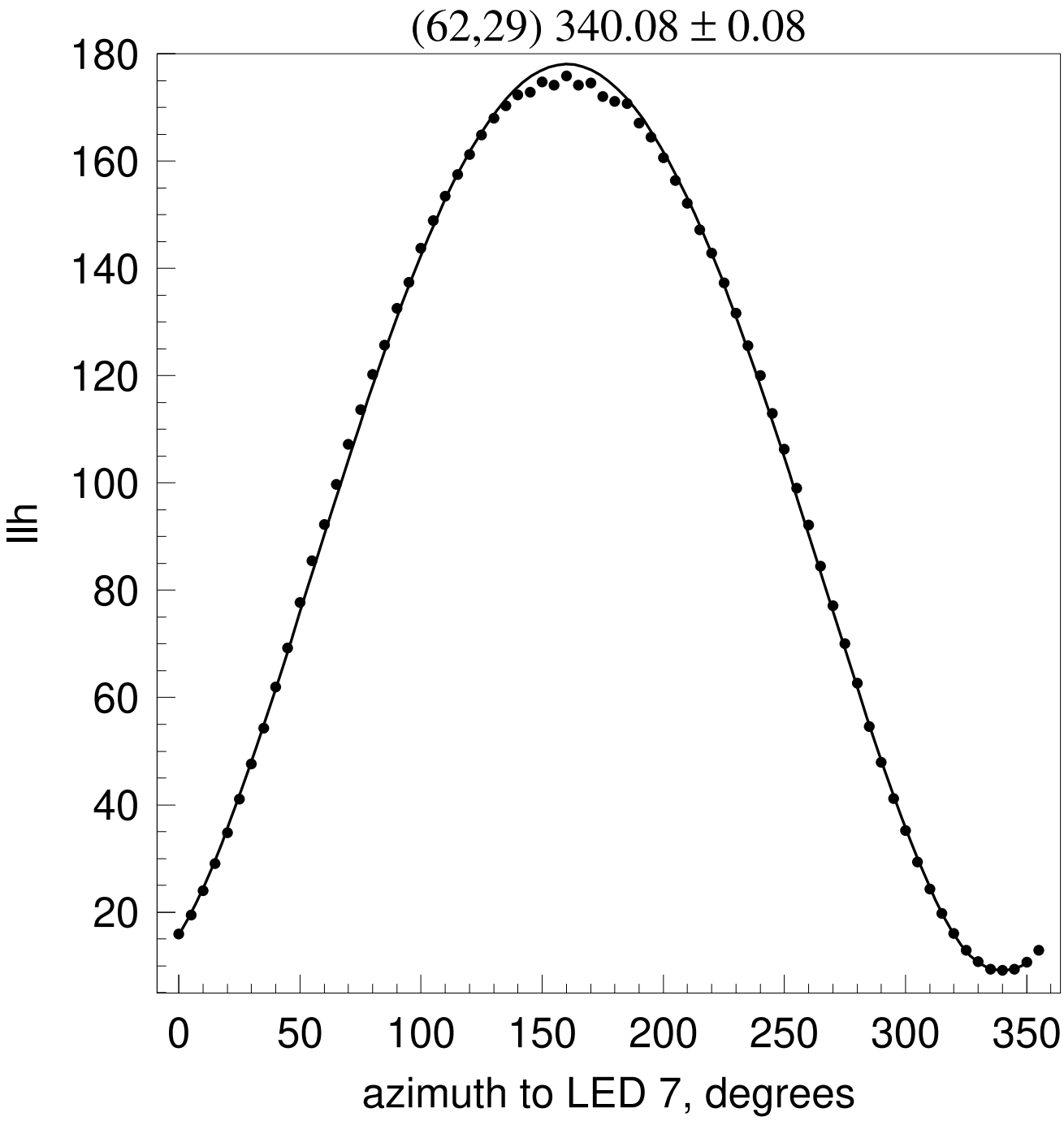

(62,24) 230.89 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

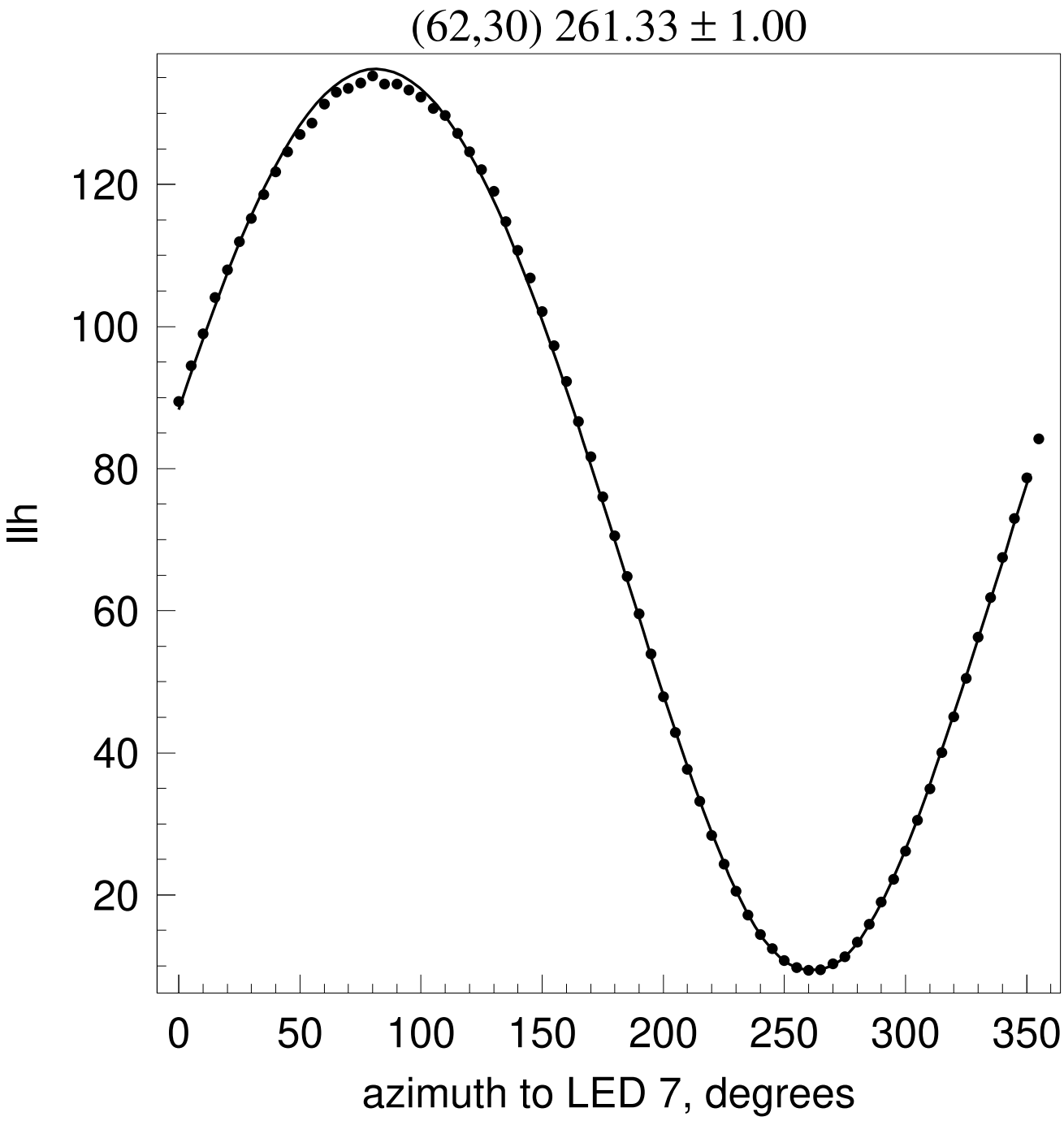

(62,25) 9.92 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

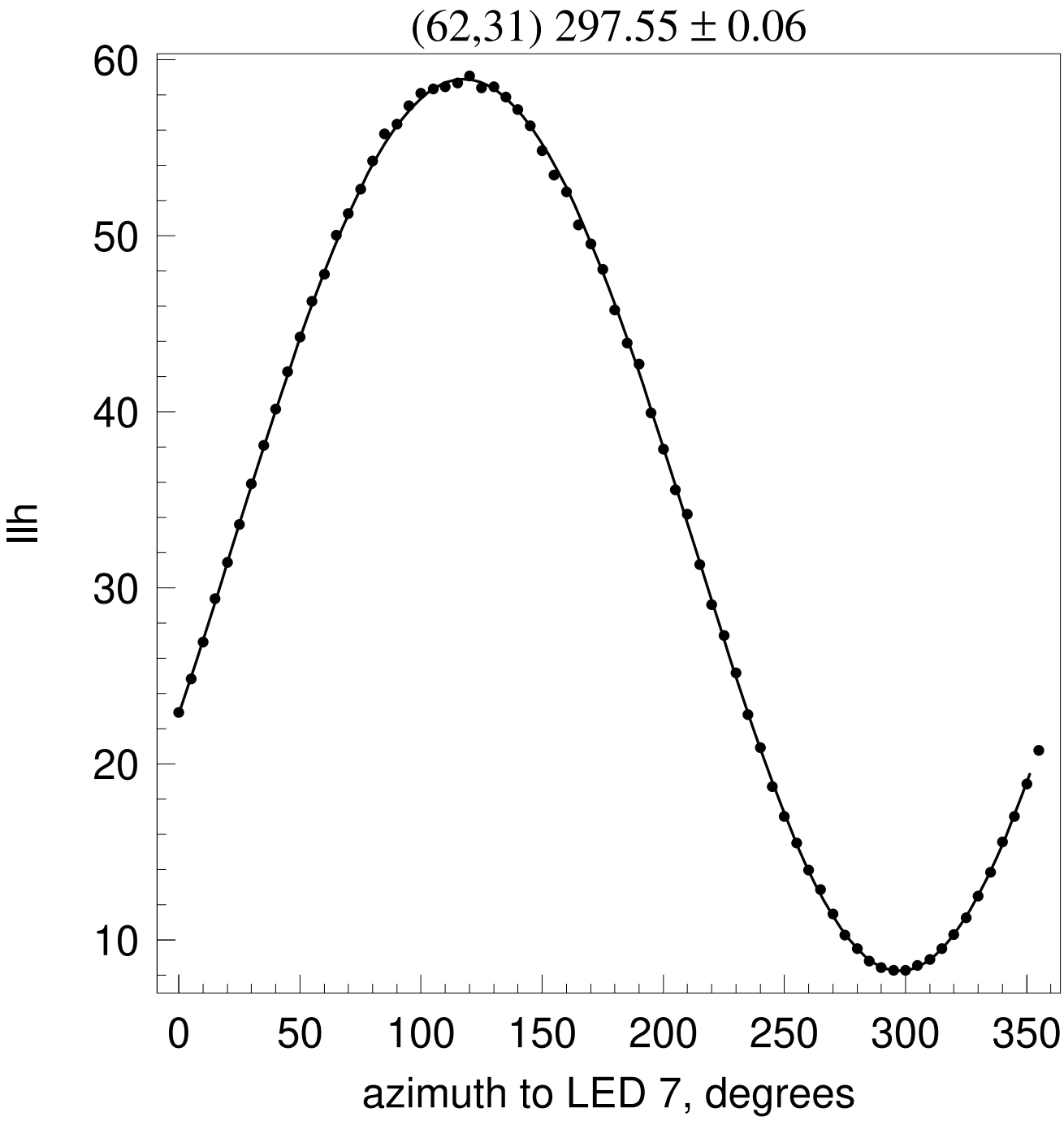

(62,26) 242.32 ± 0.06
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

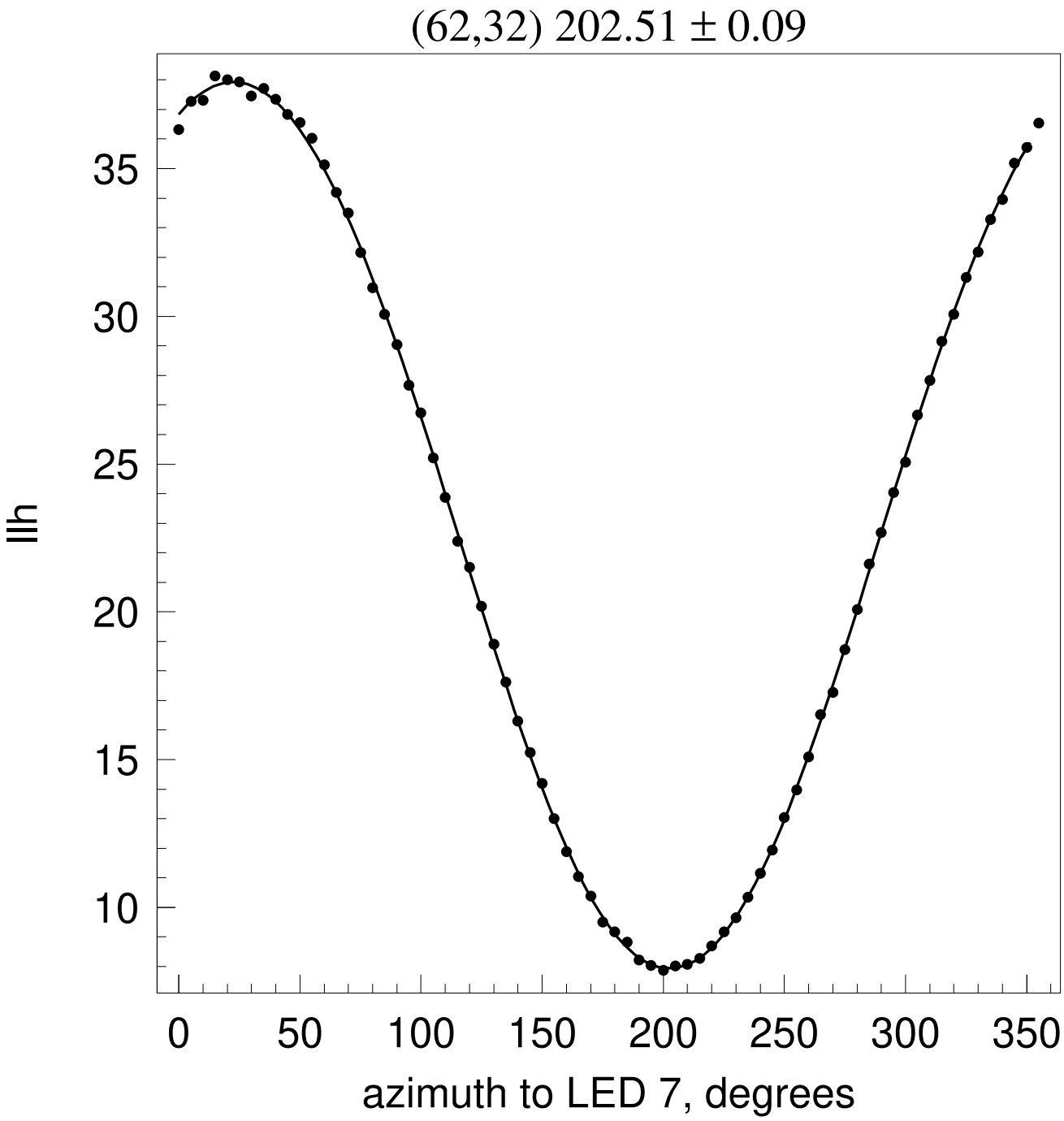

(62,27) 216.91 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

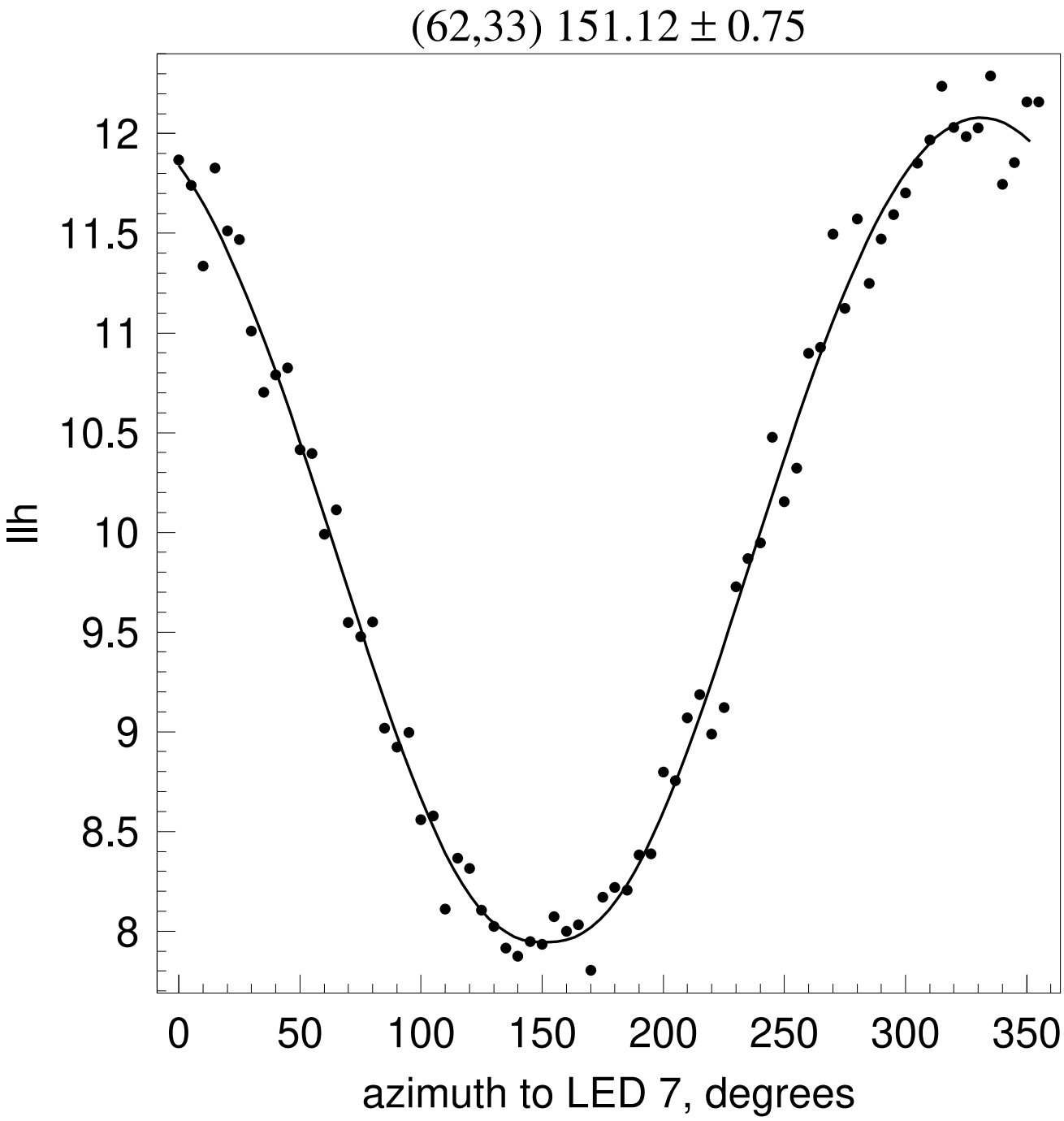

(62,28) 259.06 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

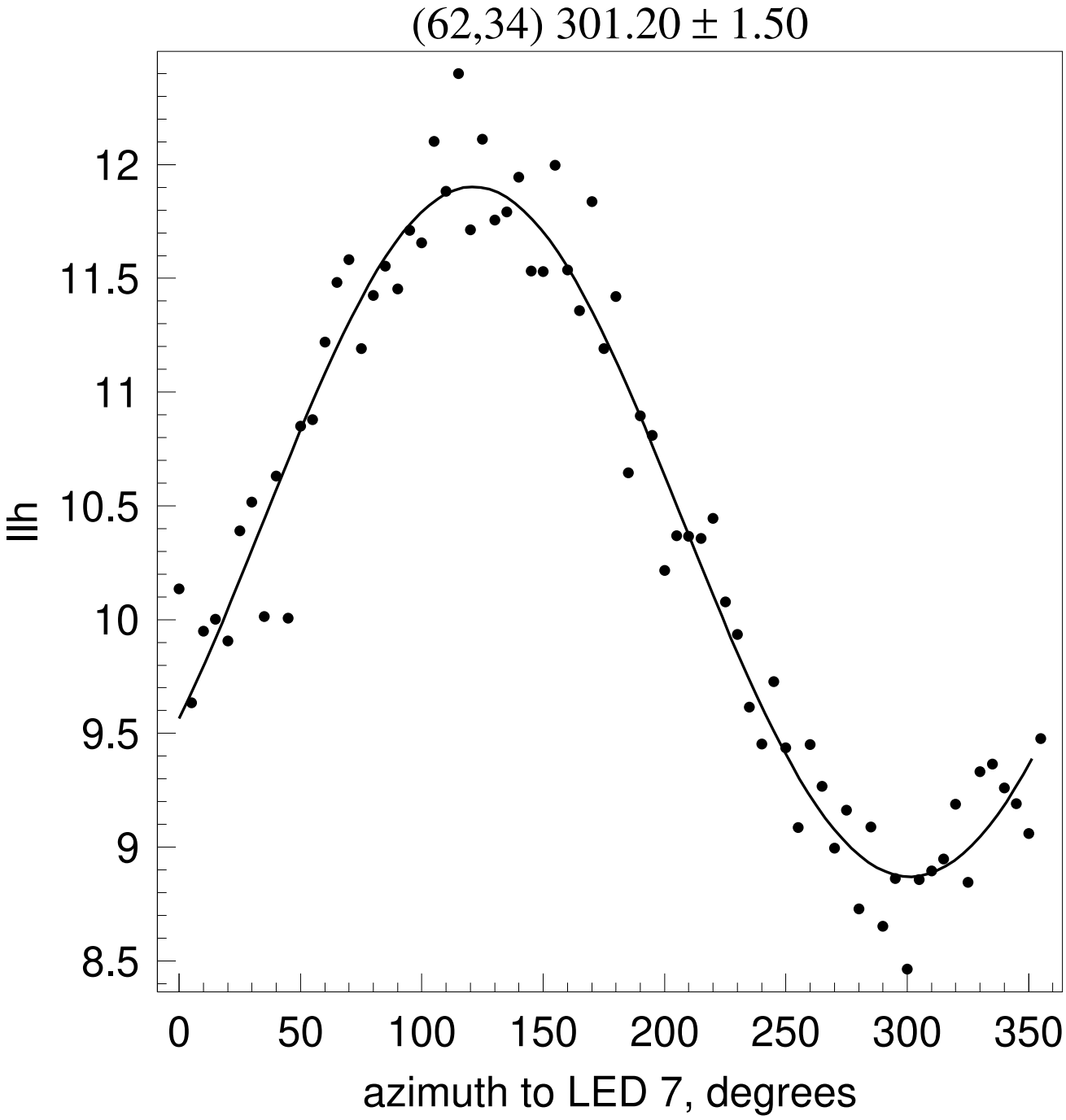

(62,29) 340.08 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

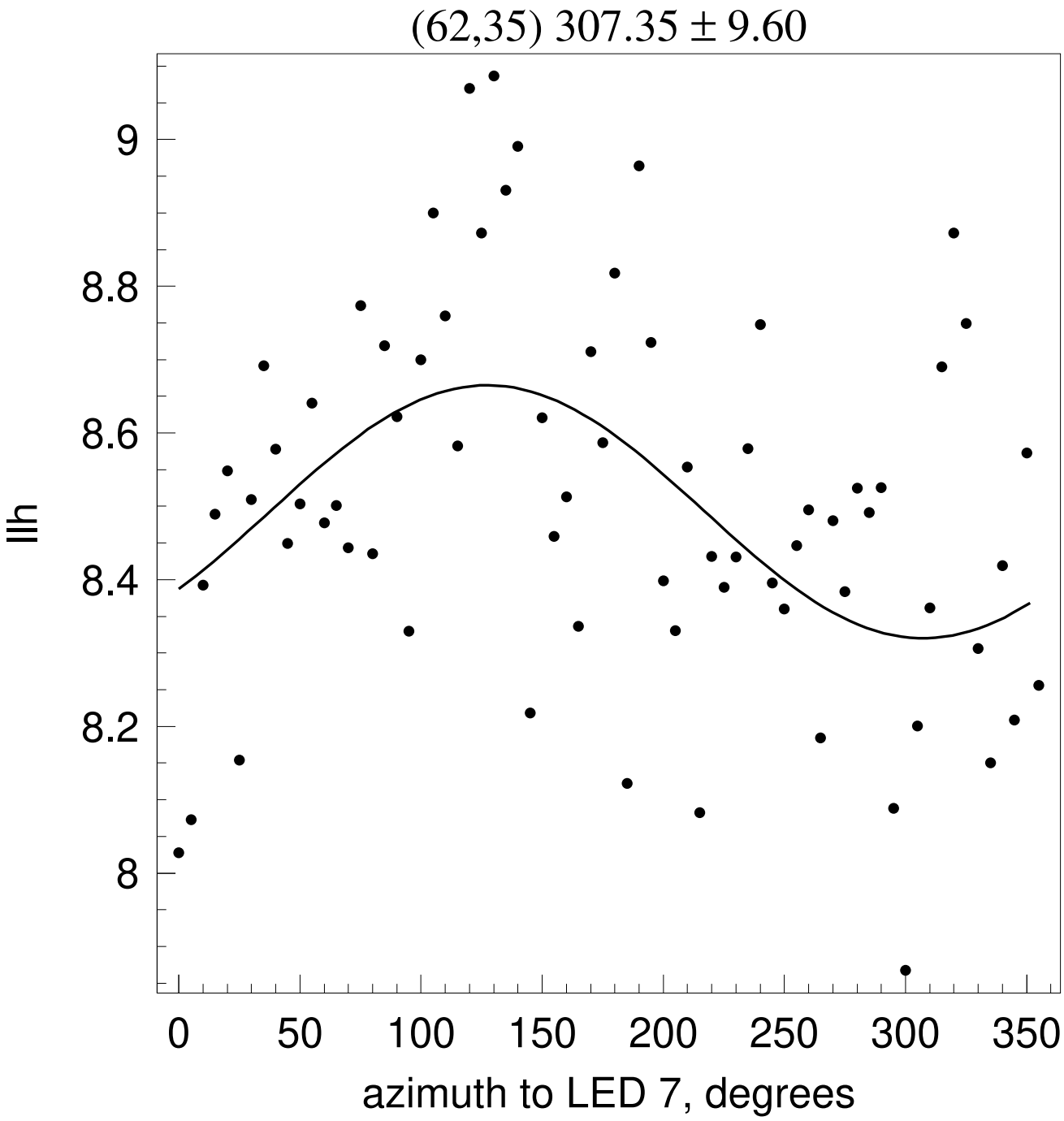

(62,30) 261.33 ± 1.00
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

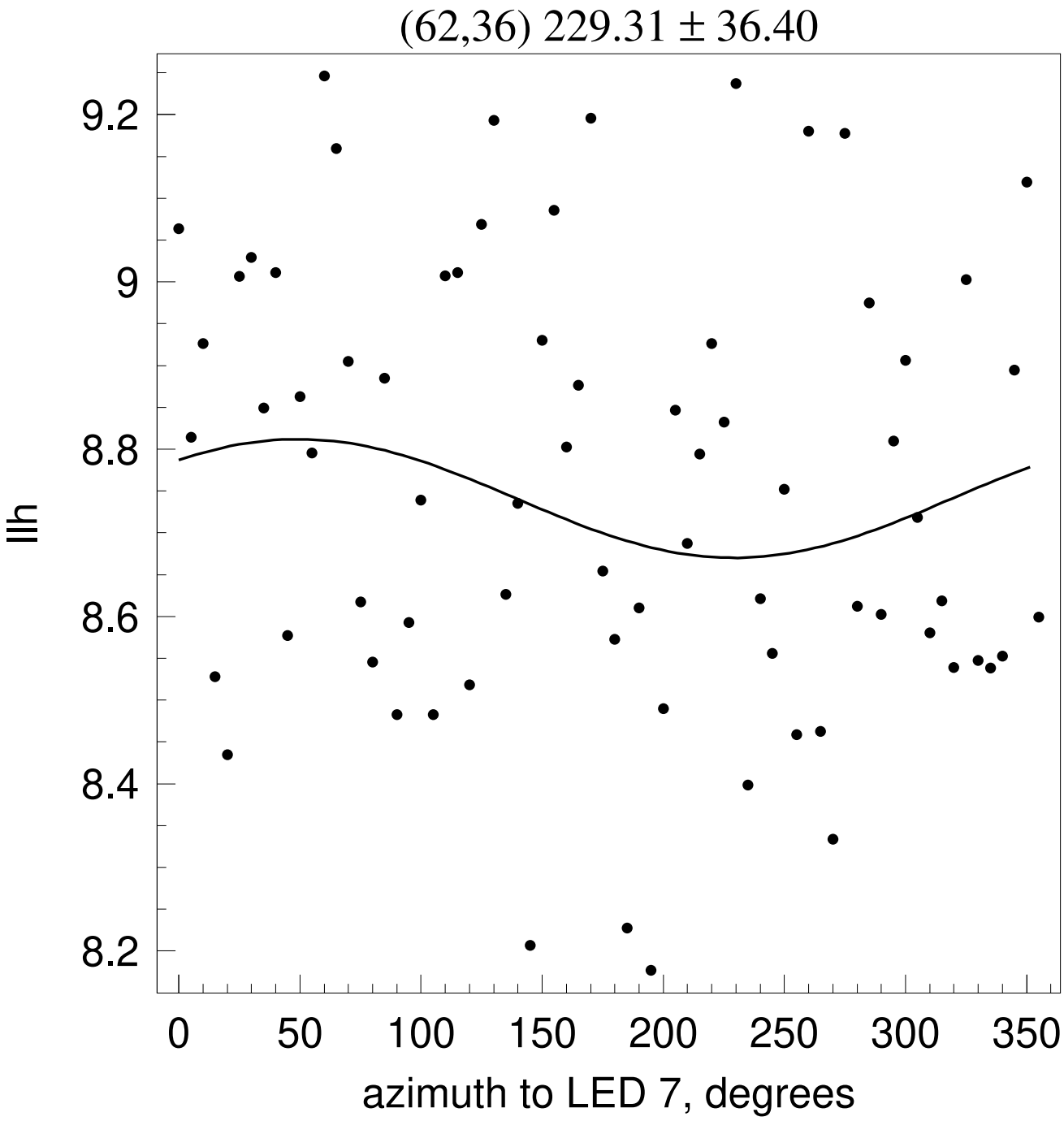

(62,31) 297.55 ± 0.06
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

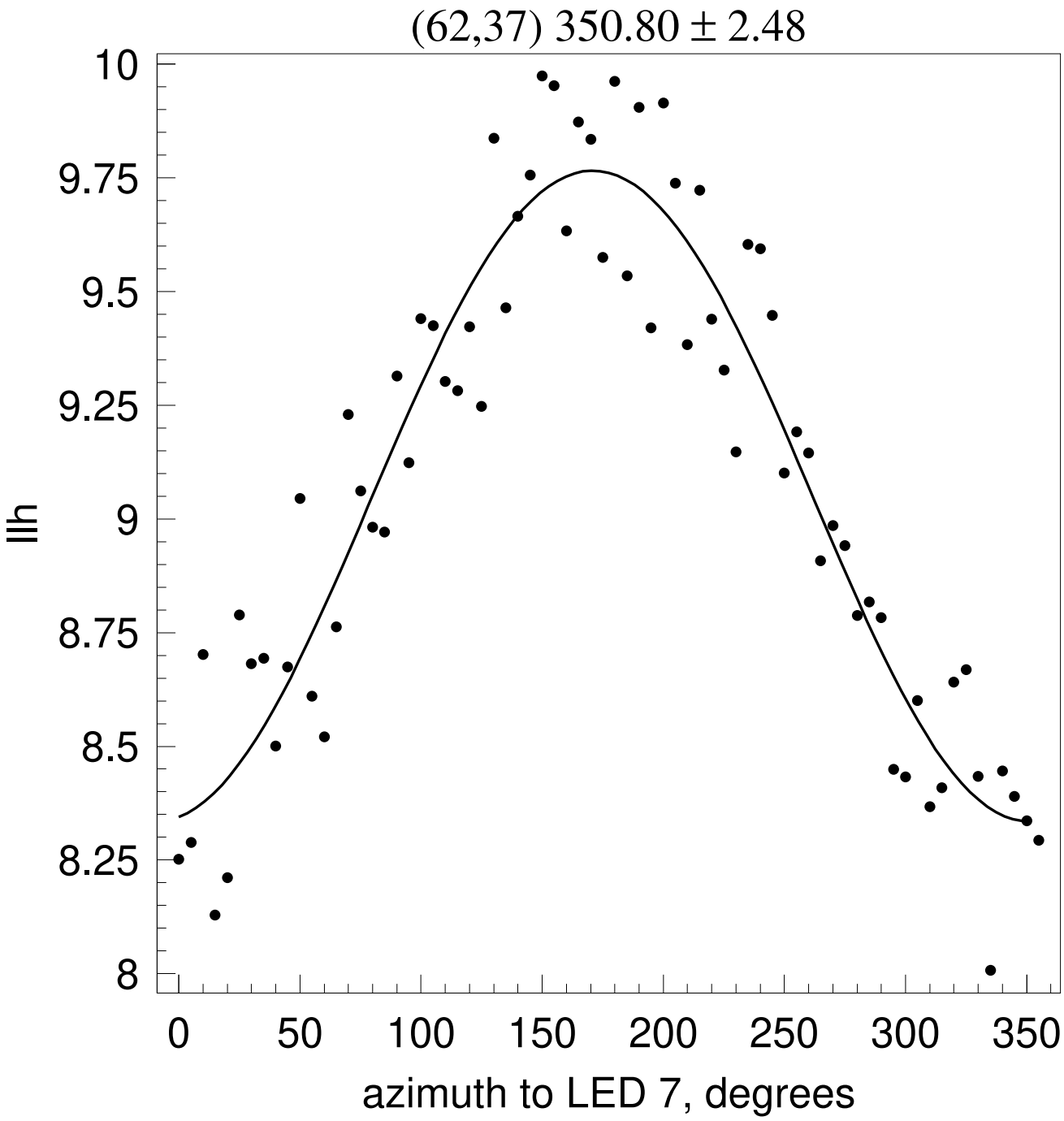

(62,32) 202.51 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

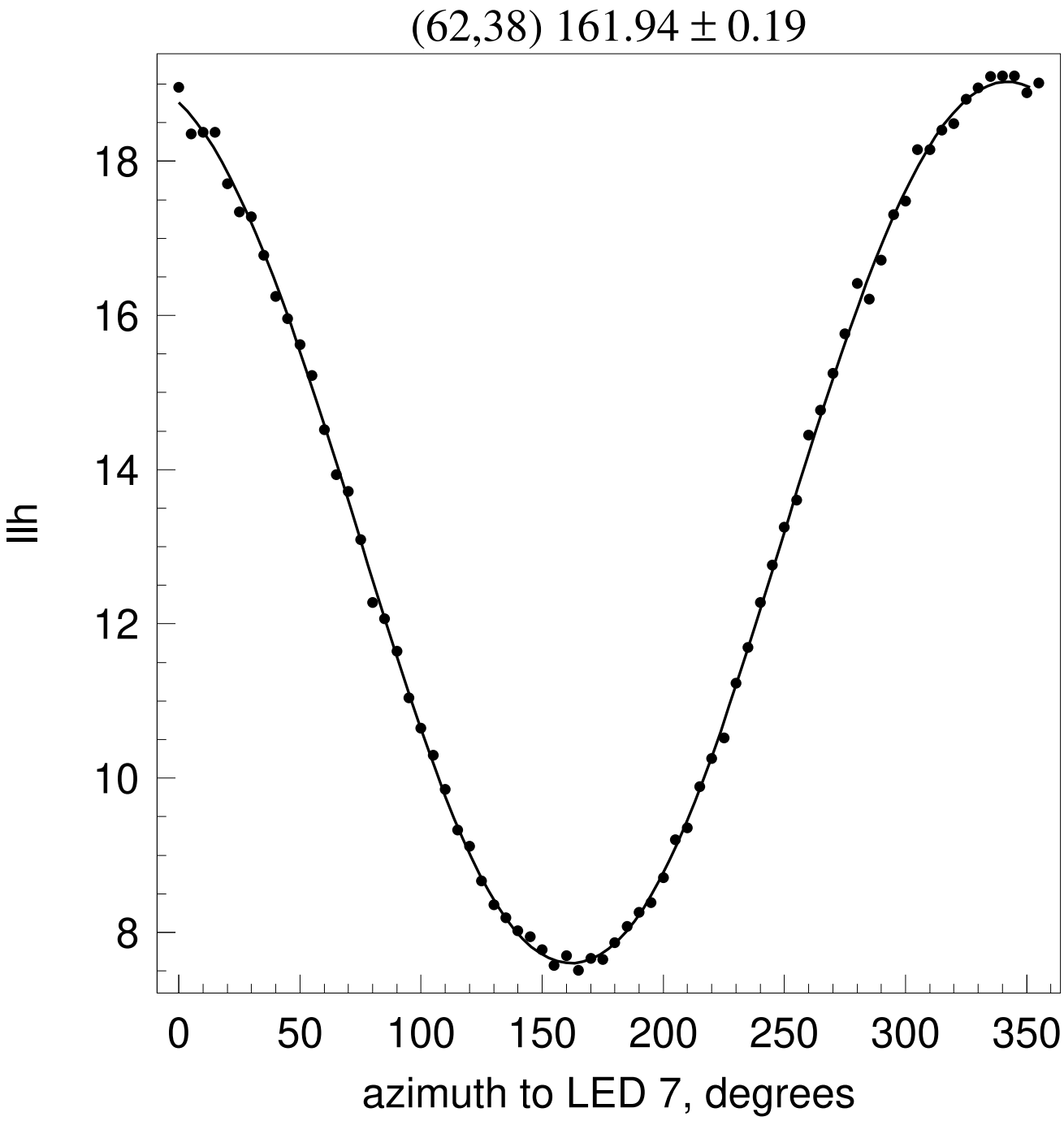

(62,33) 151.12 ± 0.75
12
11.5
11
10.5
10
9.5
9
8.5
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

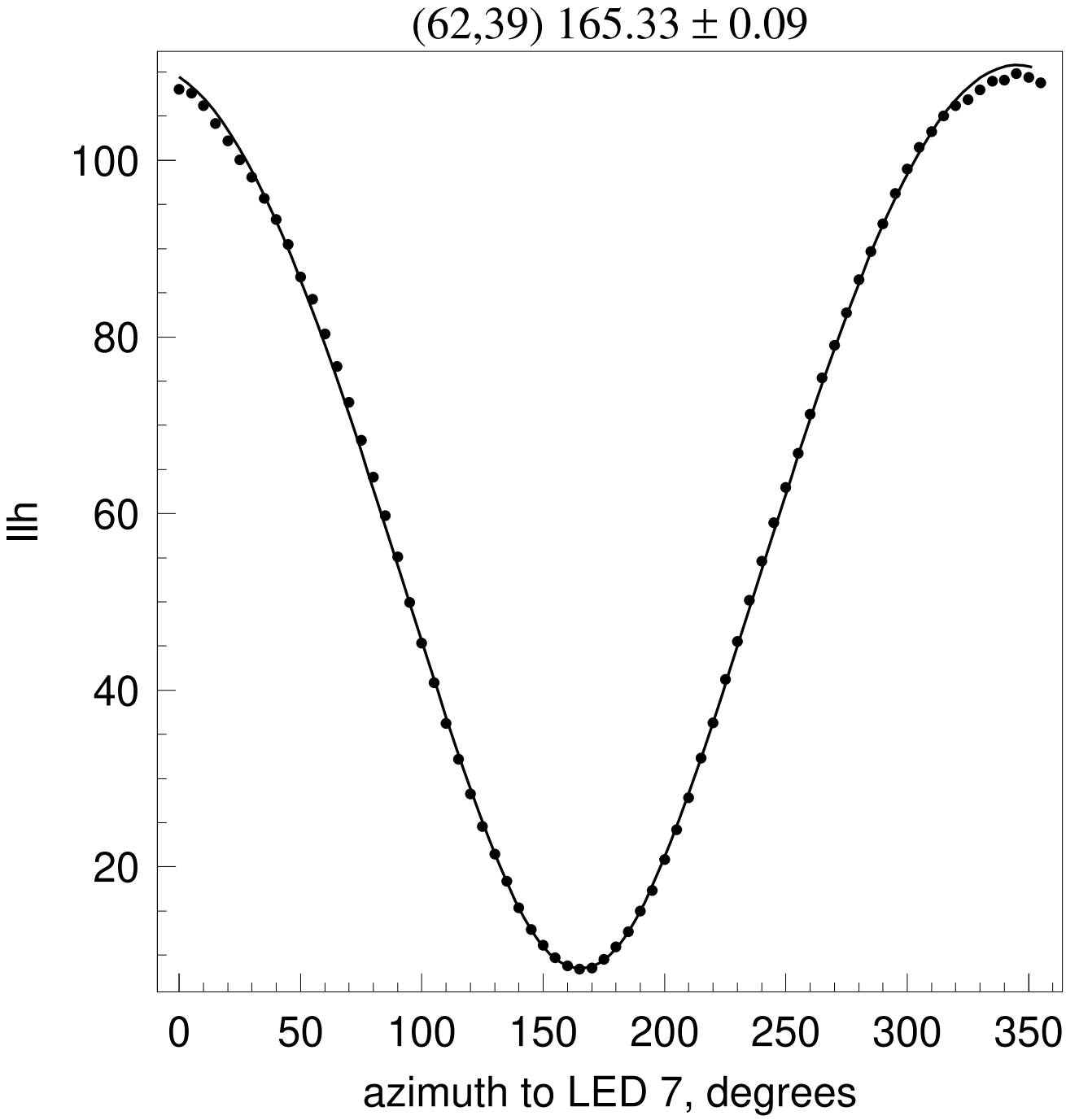

(62,34) 301.20 ± 1.50
12
11.5
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

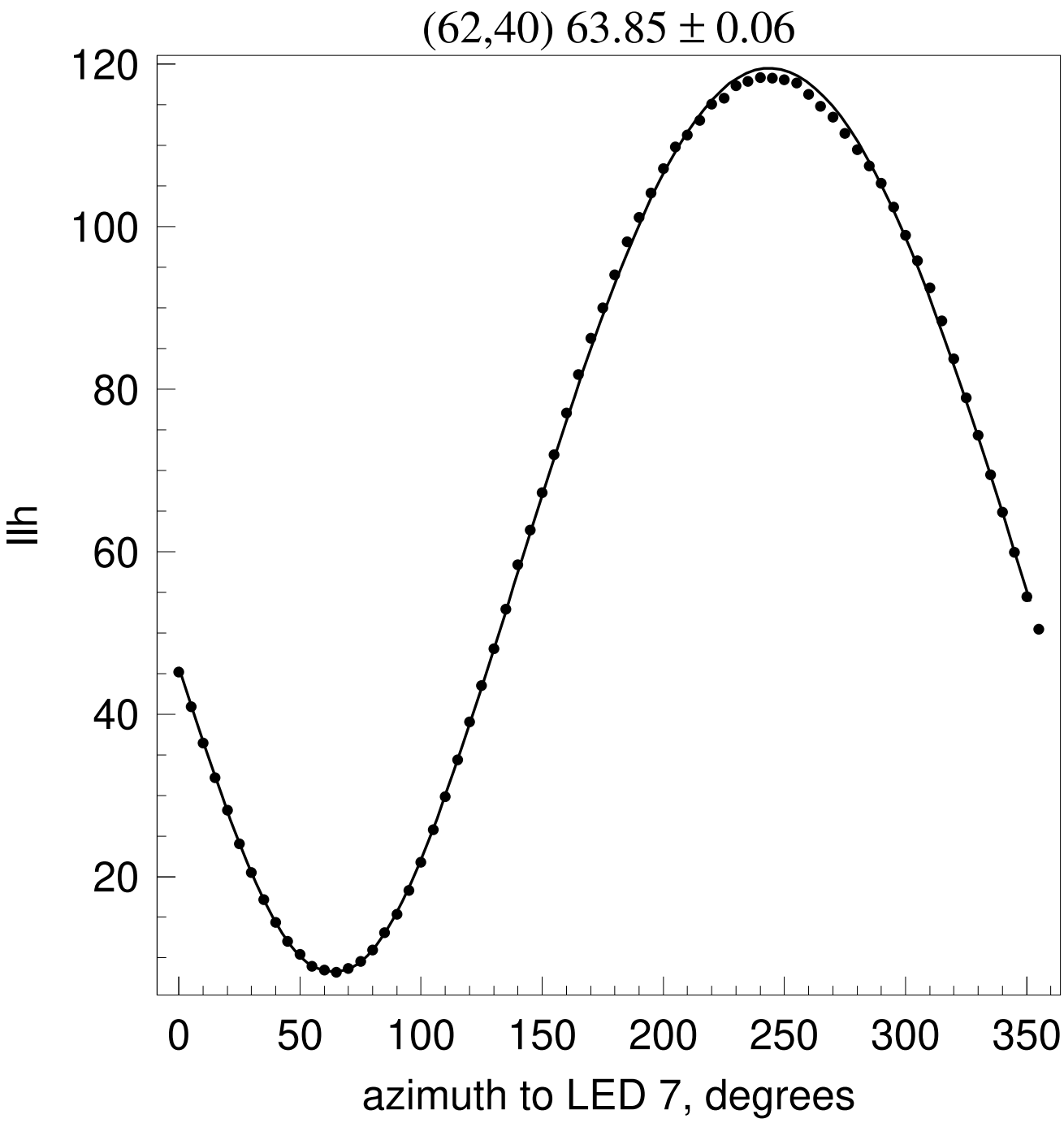

(62,35) 307.35 ± 9.60
9
8.8
8.6
8.4
8.2
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

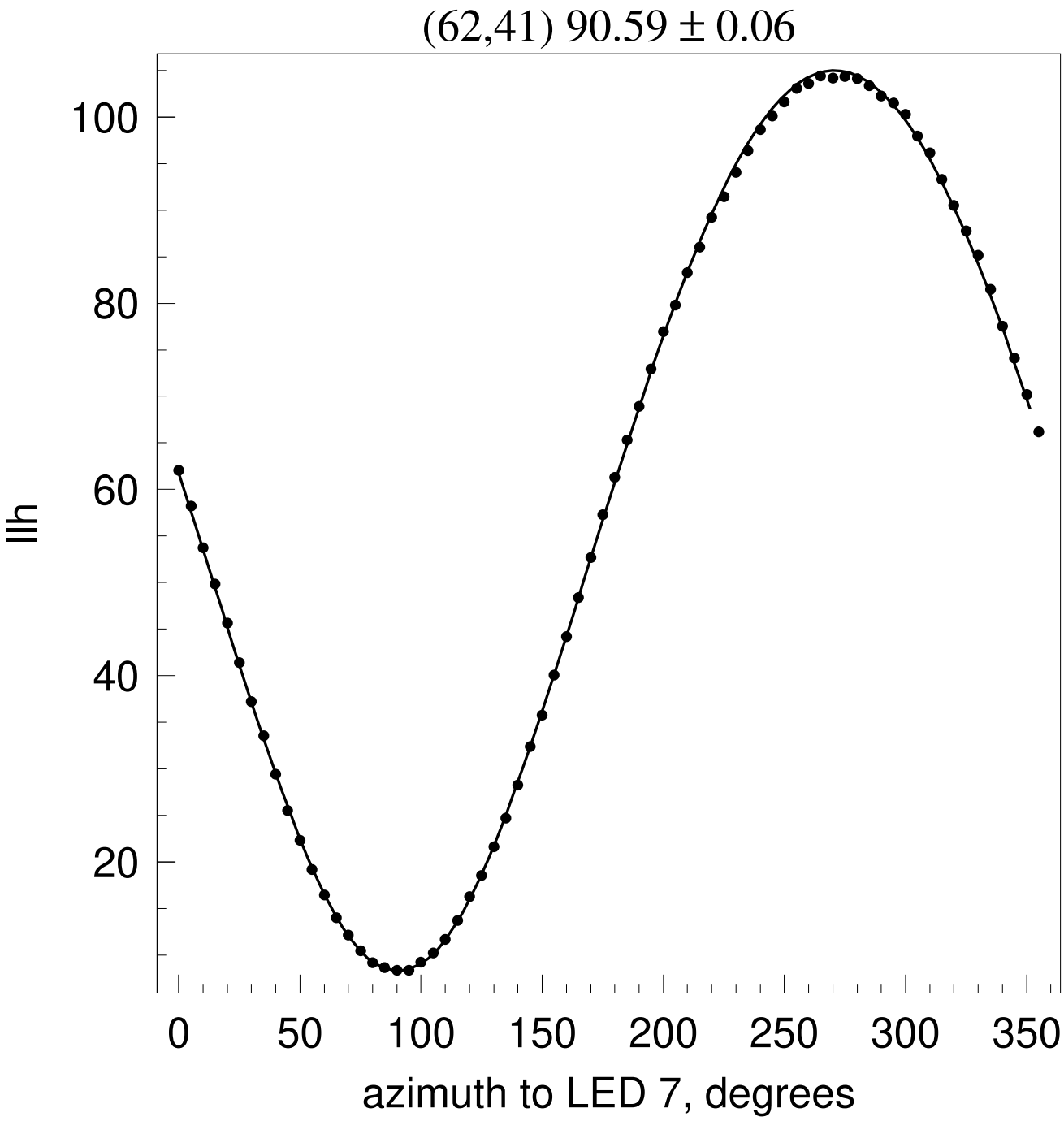

(62,36) 229.31 ± 36.40
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

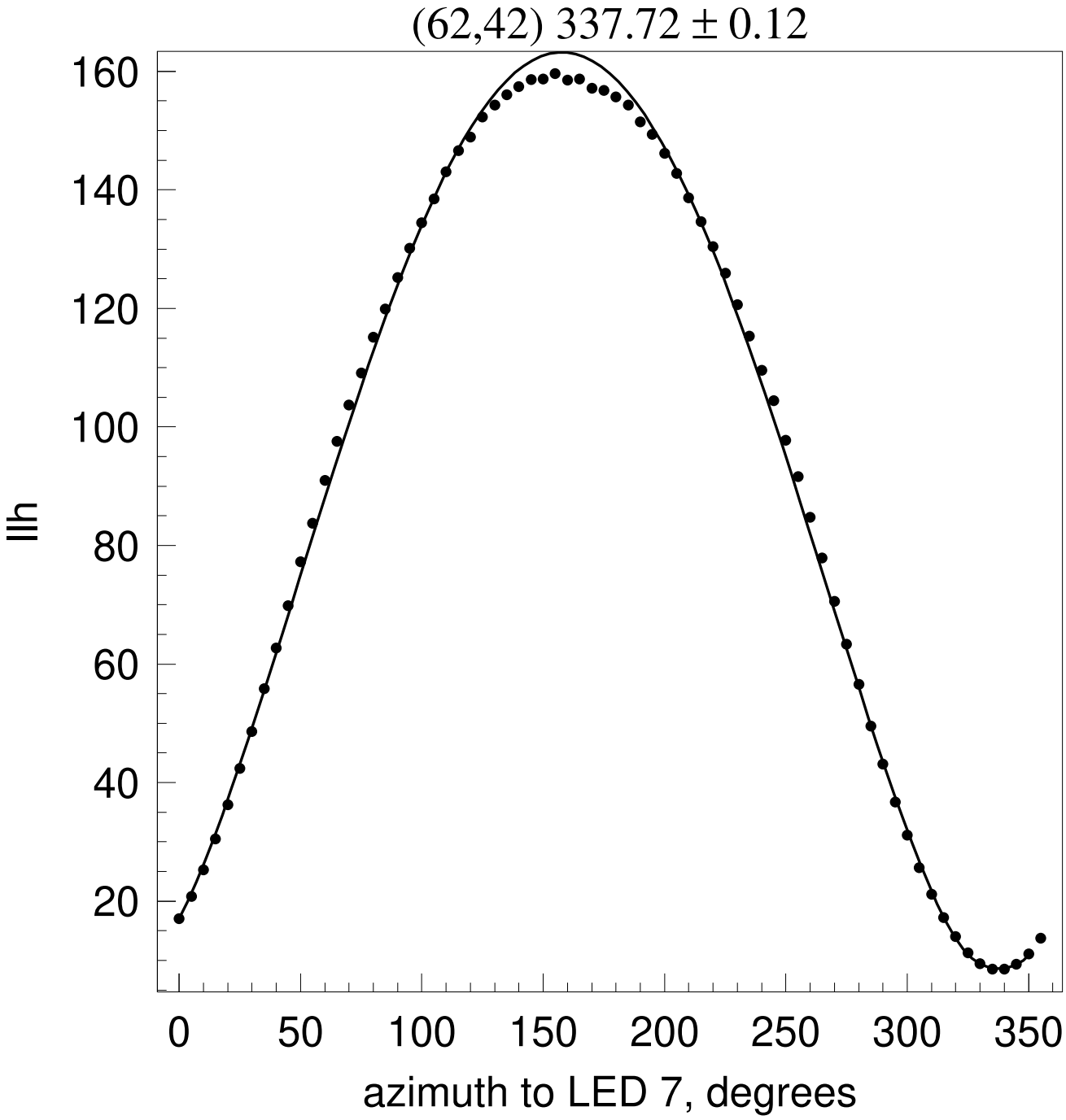

(62,37) 350.80 ± 2.48
10
9.75
9.5
9.25
9
8.75
8.5
8.25
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

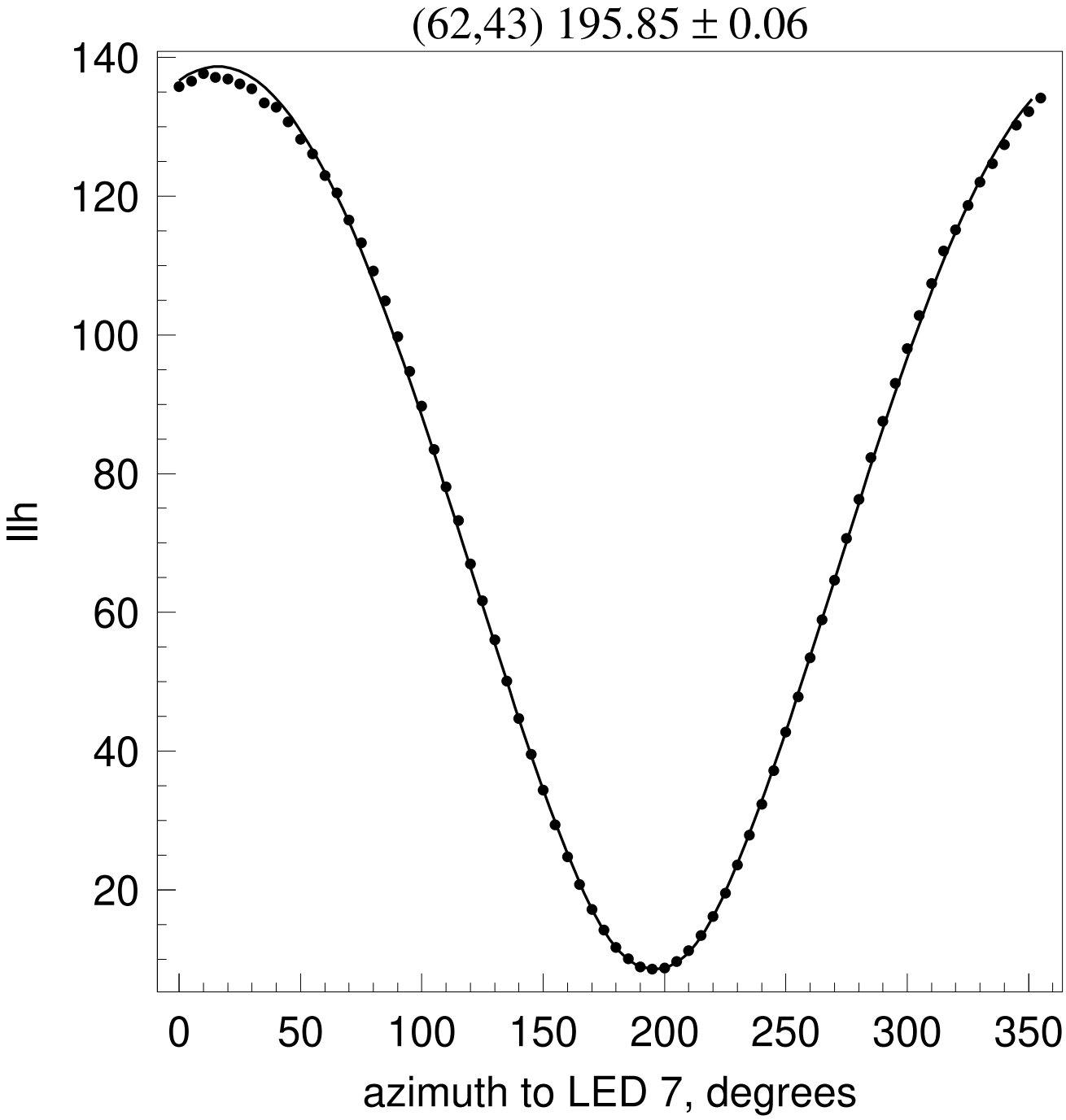

(62,38) 161.94 ± 0.19
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

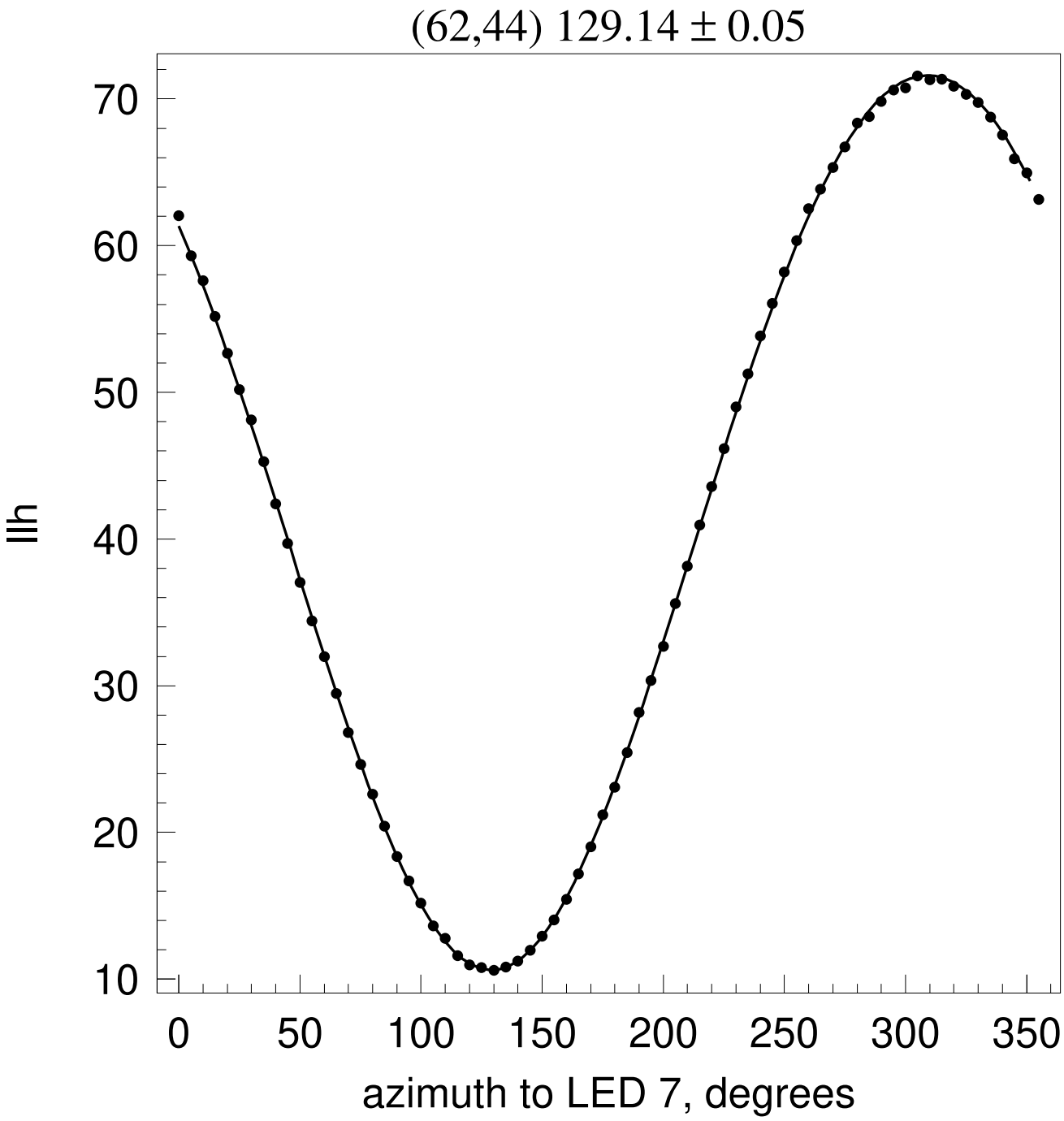

(62,39) 165.33 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

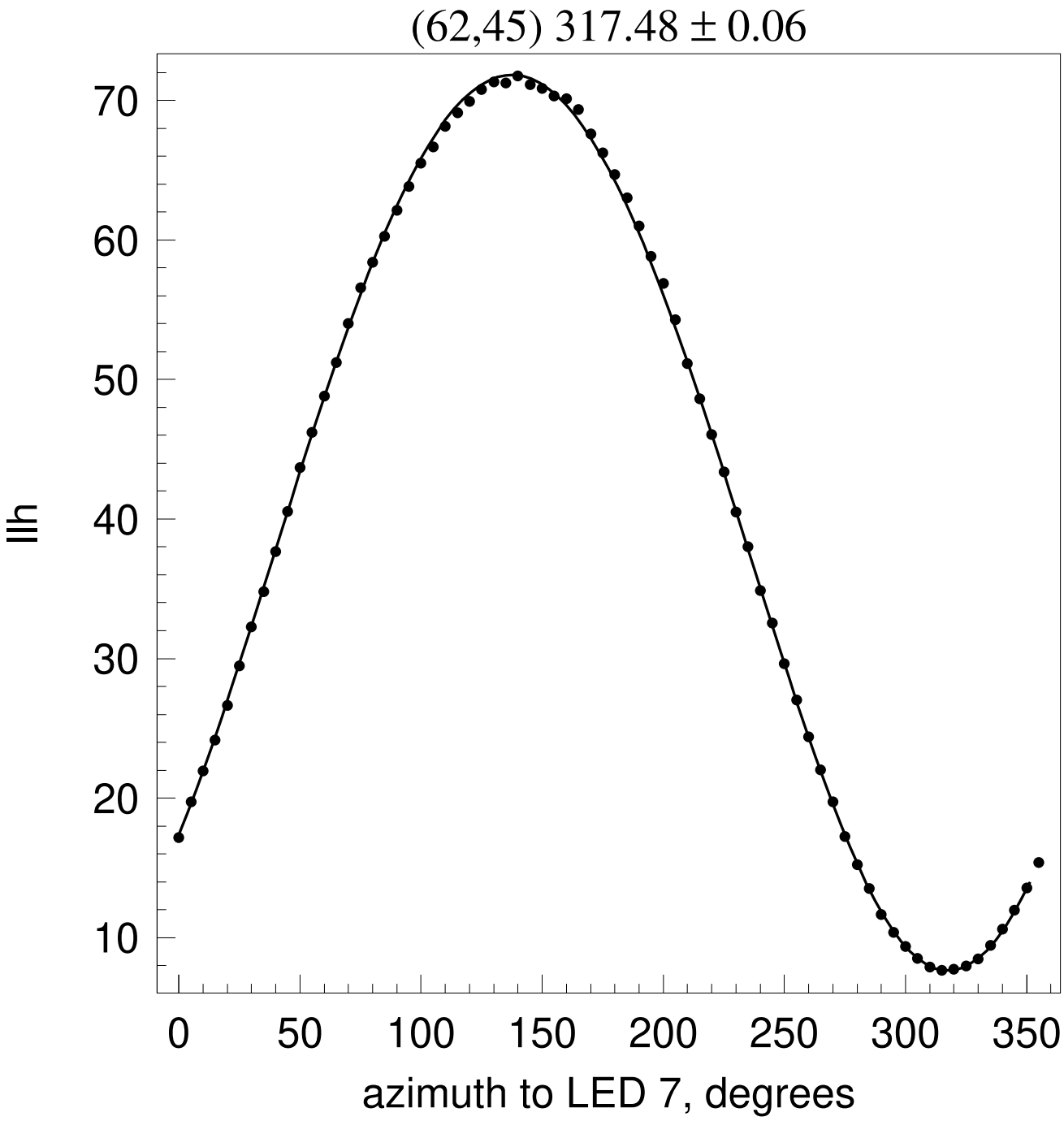

(62,40) 63.85 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

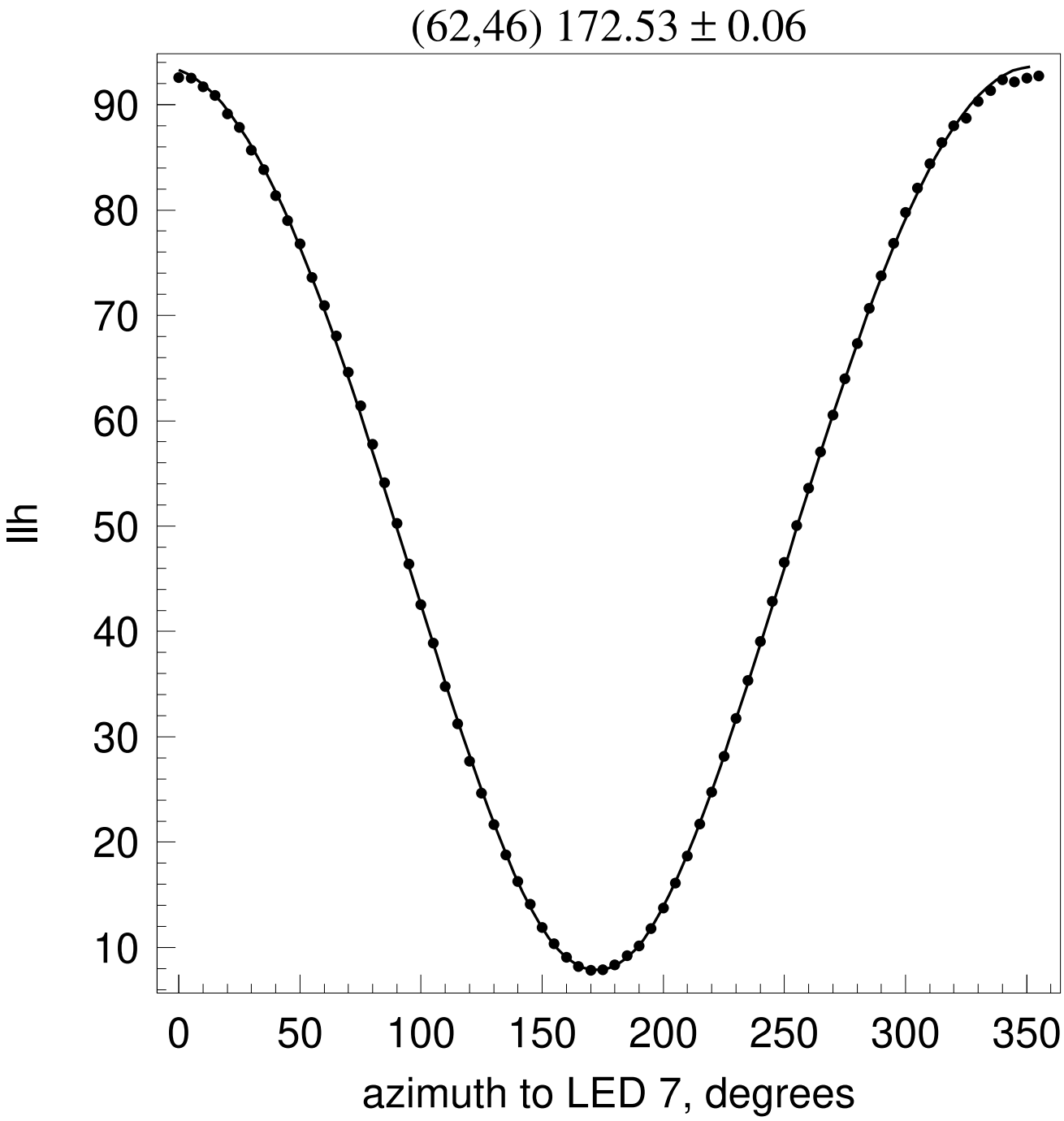

(62,41) 90.59 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

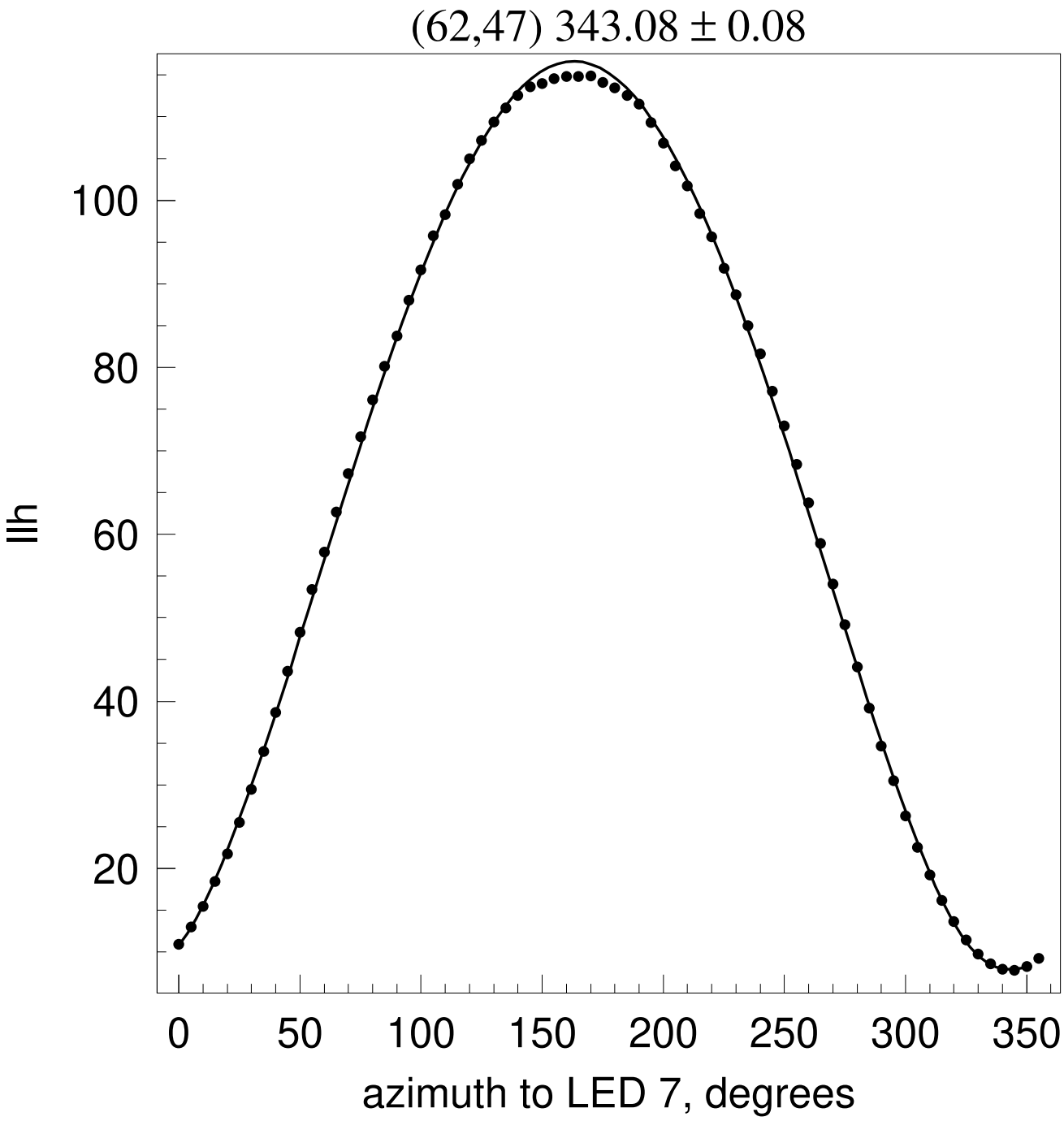

(62,42) 337.72 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

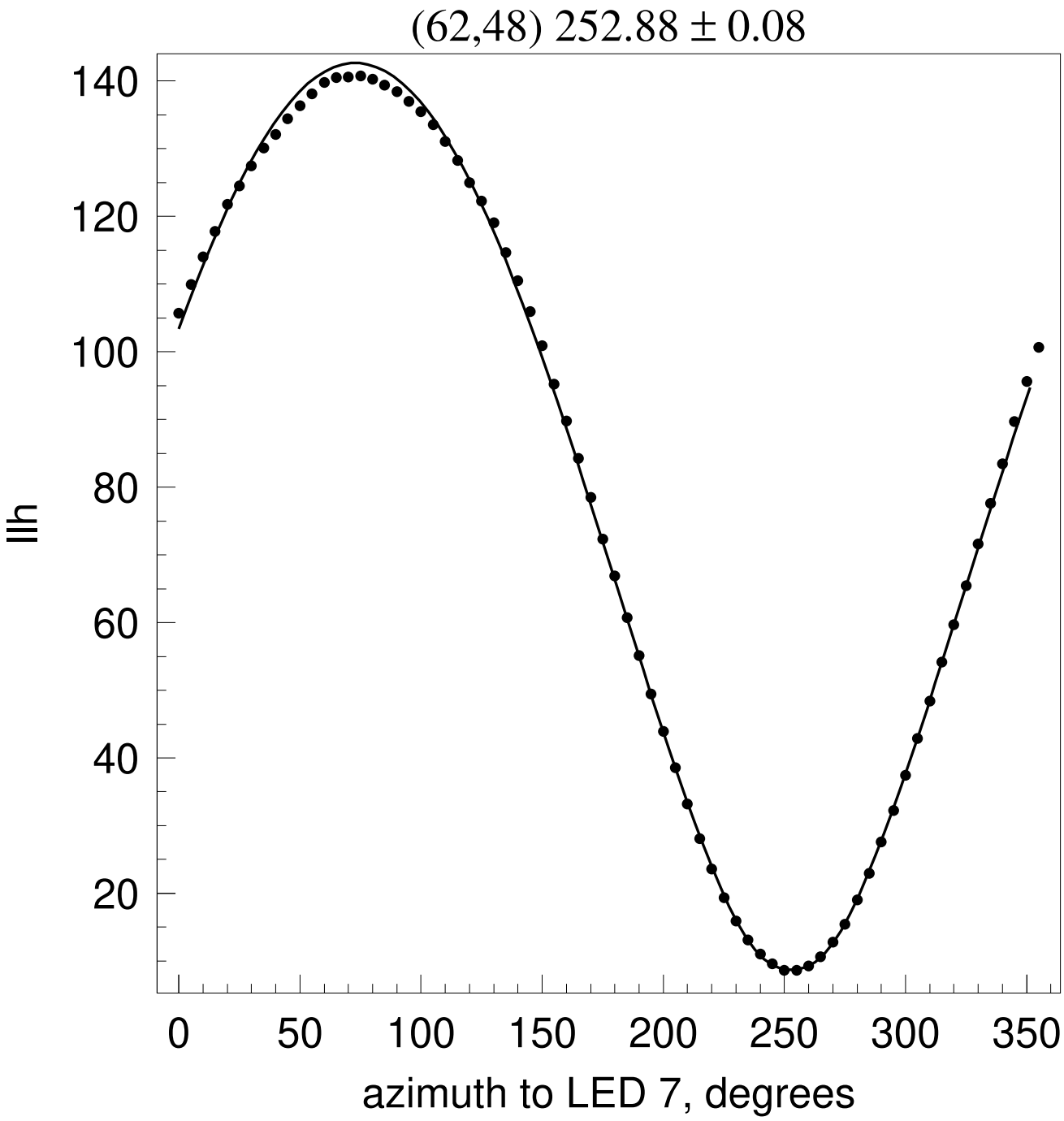

(62,43) 195.85 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

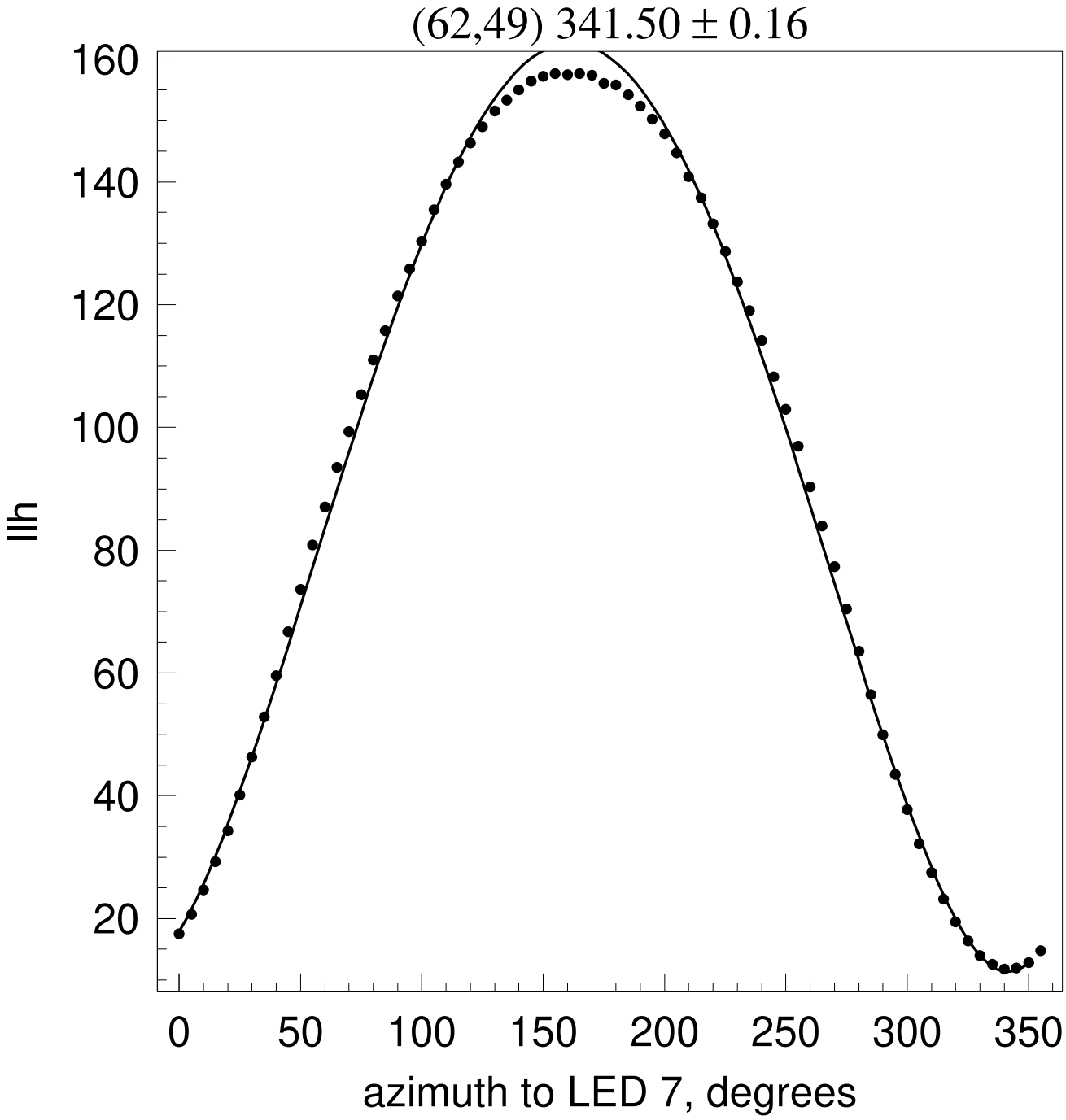

(62,44) 129.14 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

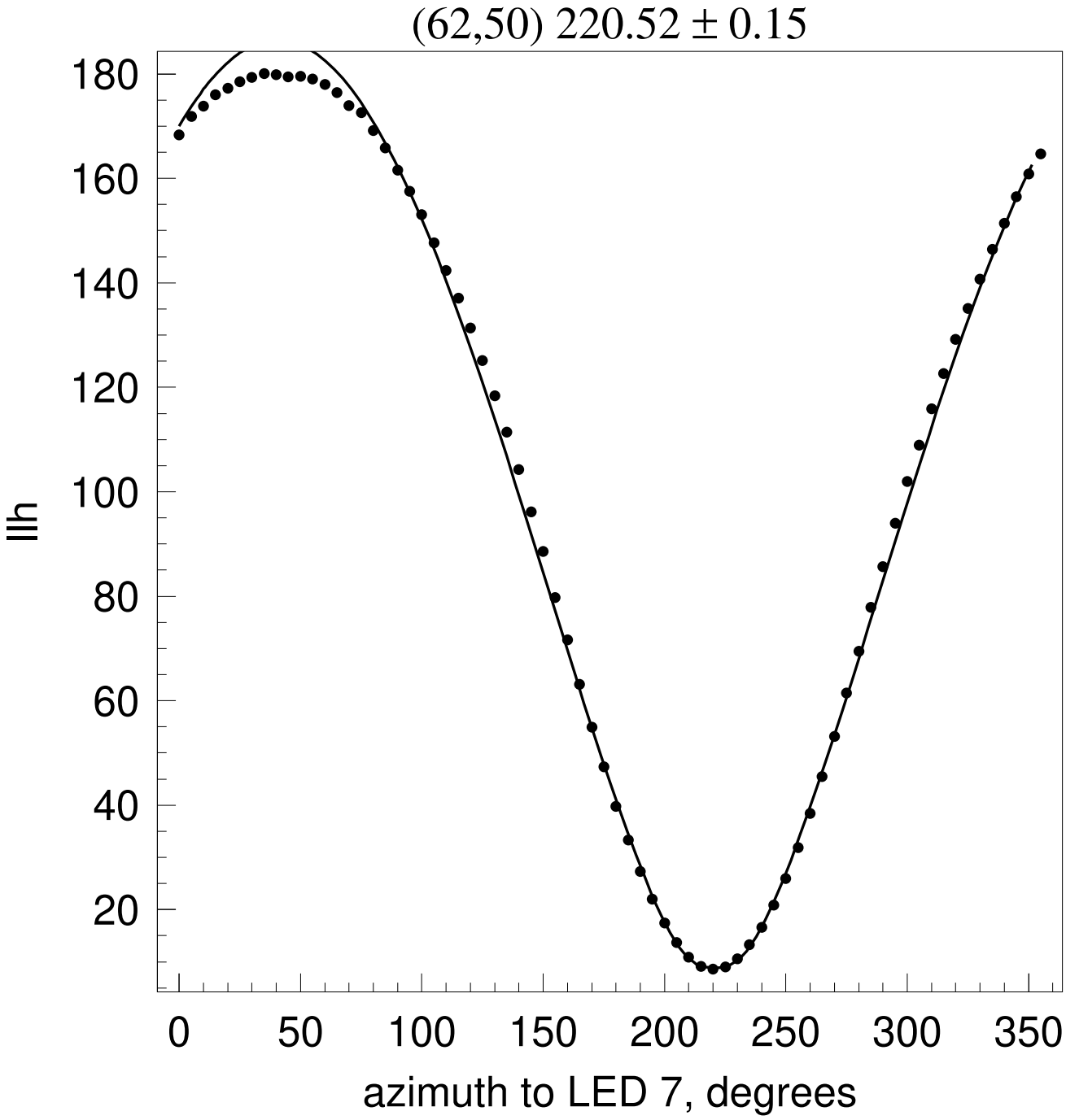

(62,45) 317.48 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

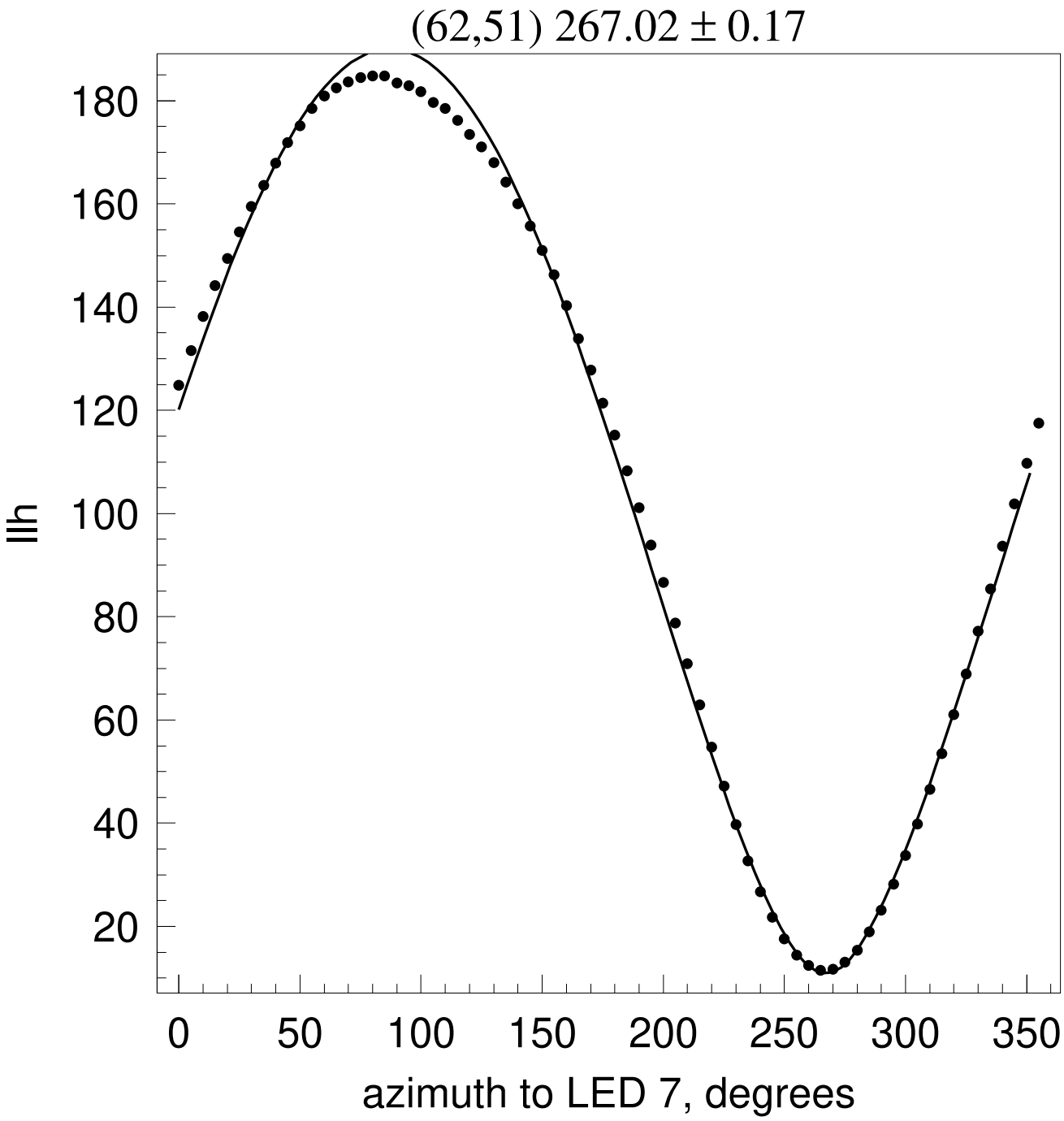

(62,46) 172.53 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

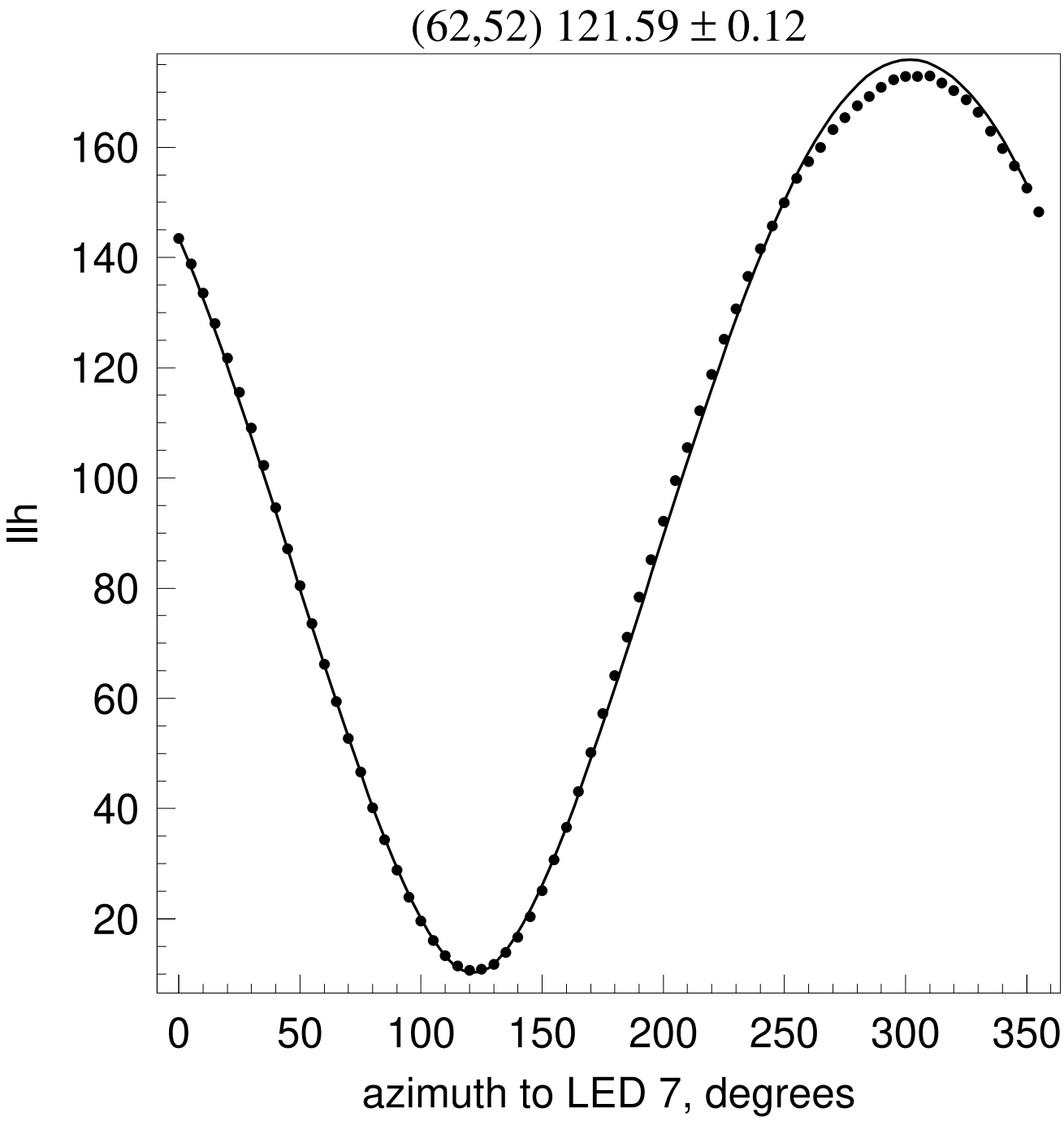

(62,47) 343.08 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

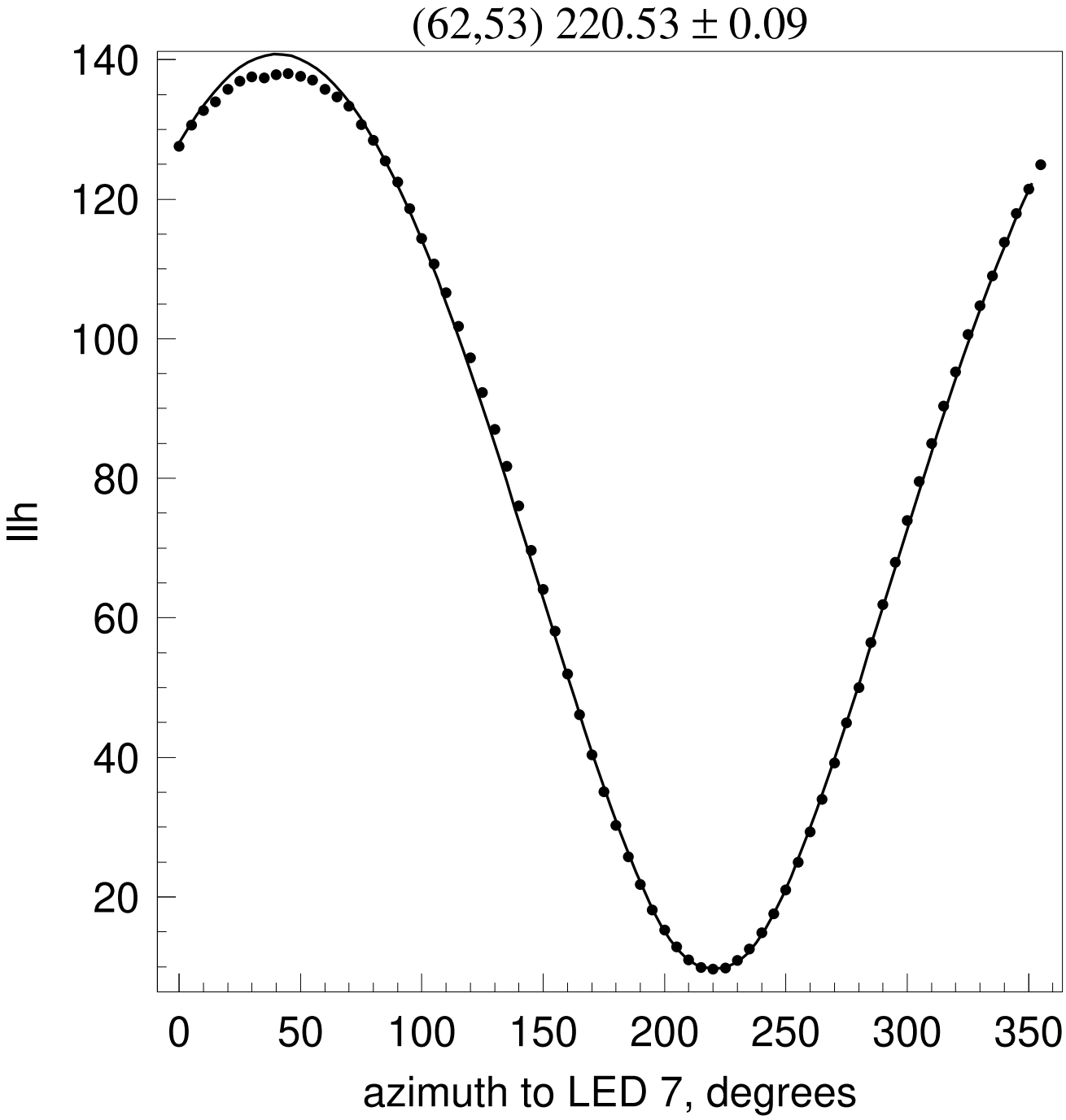

(62,48) 252.88 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

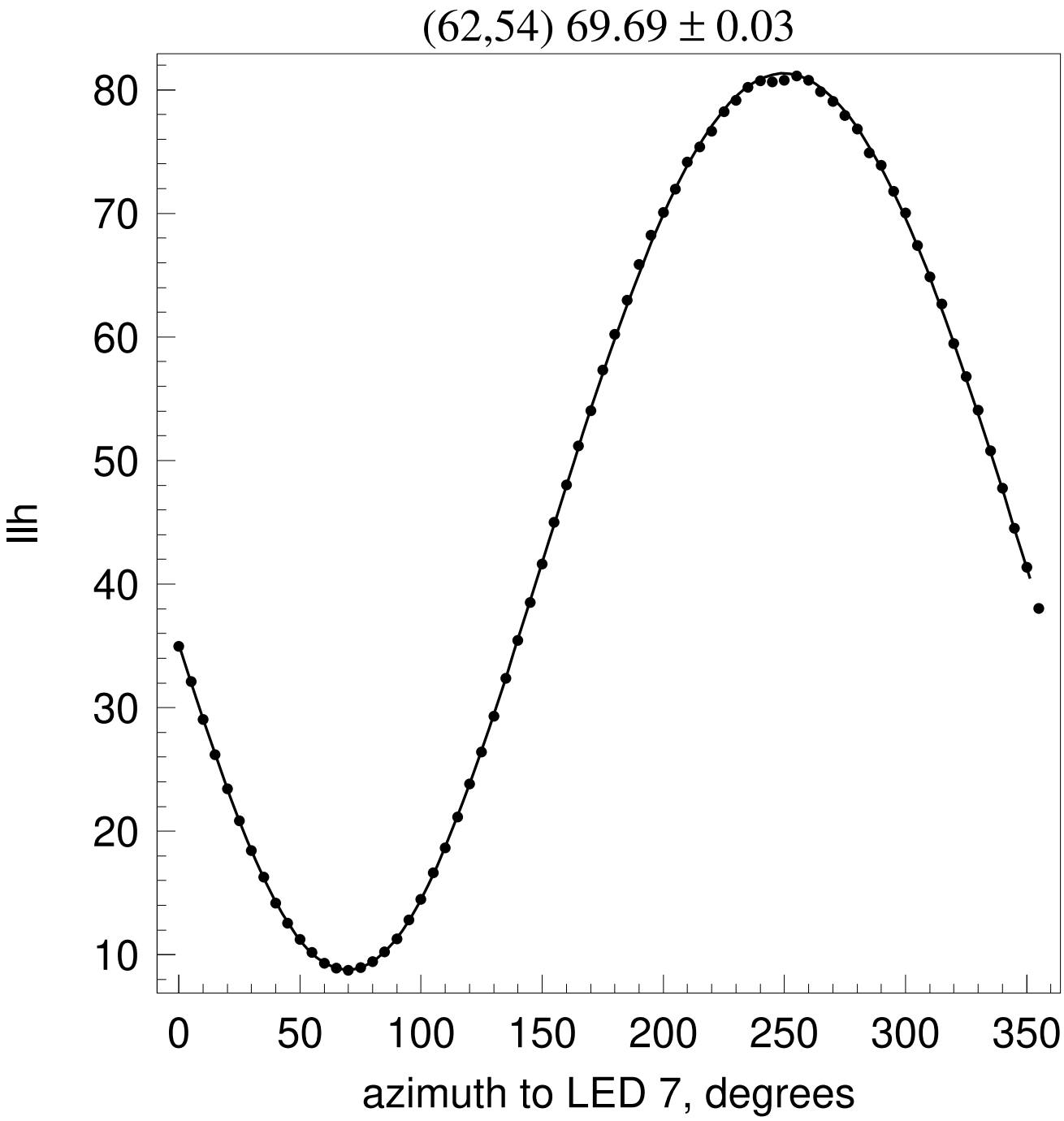

(62,49) 341.50 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

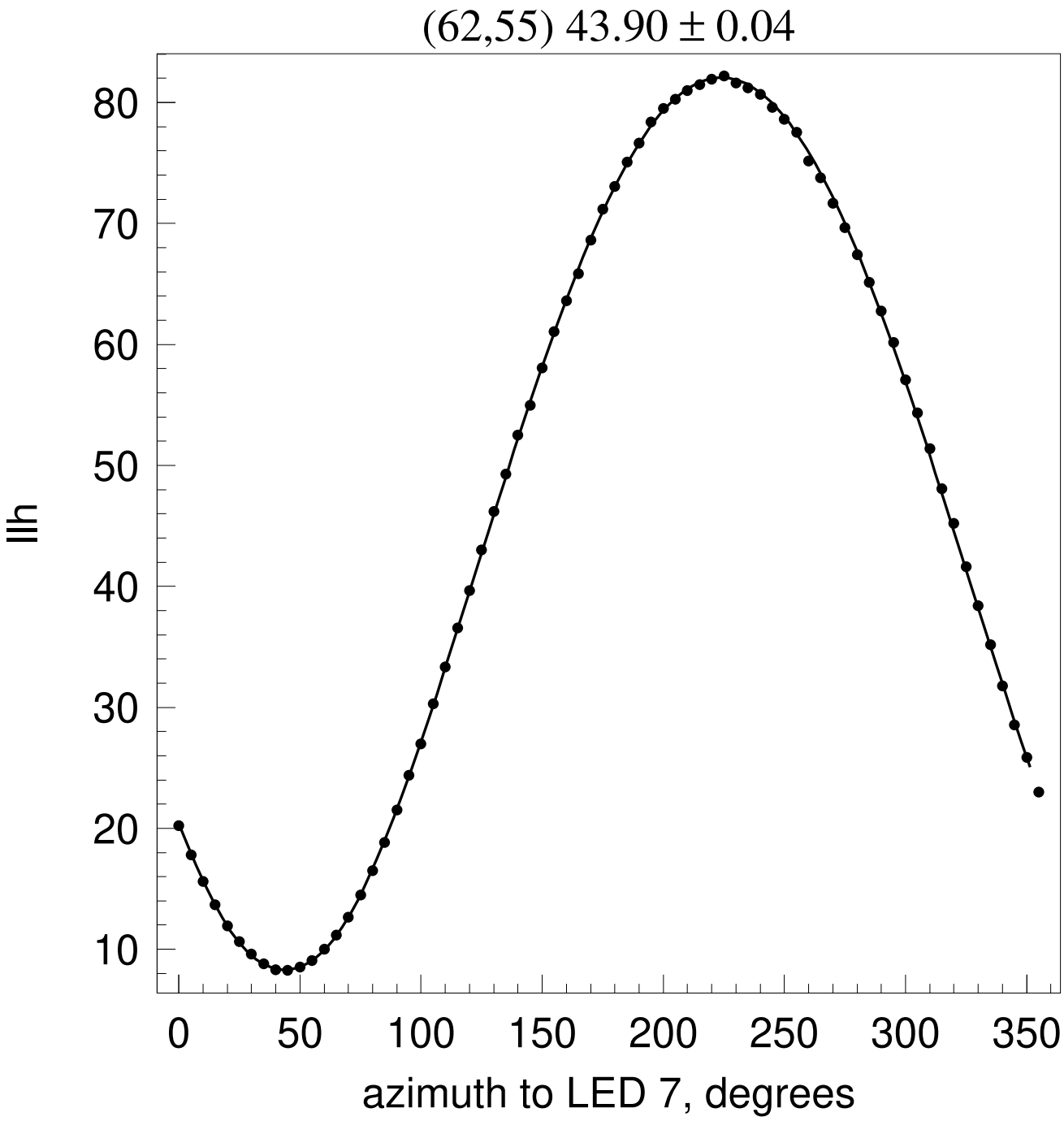

(62,50) 220.52 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

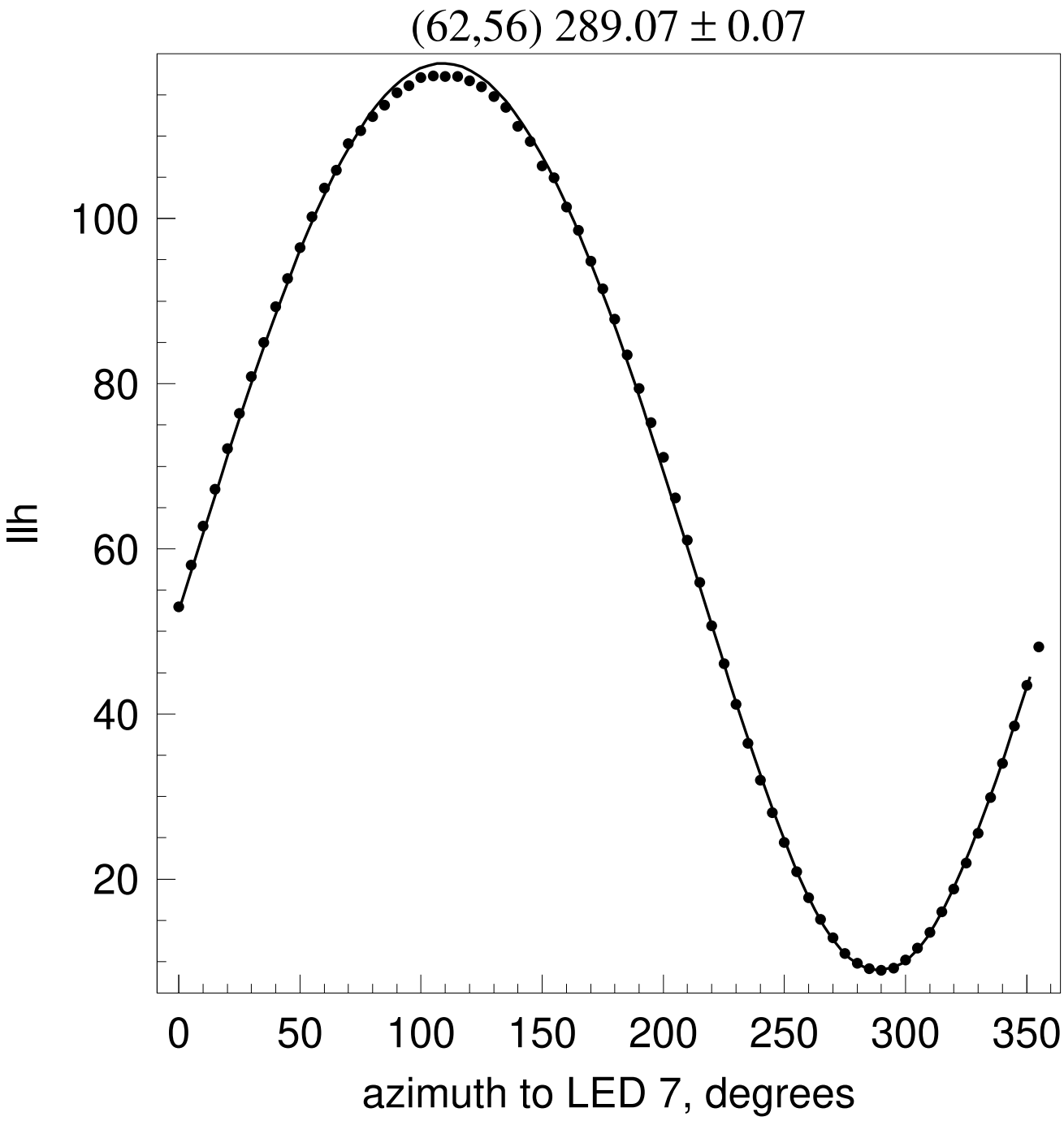

(62,51) 267.02 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

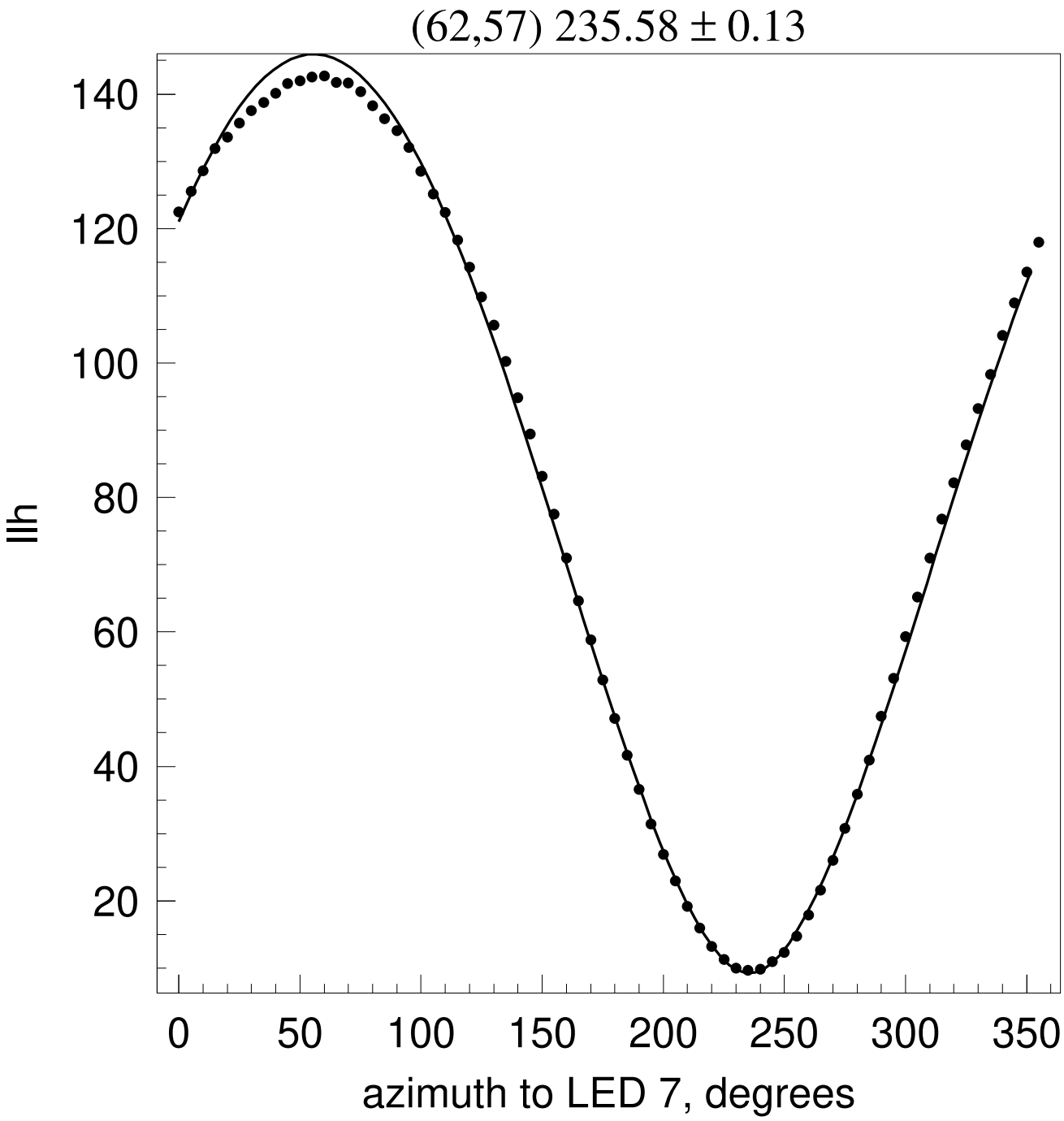

(62,52) 121.59 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

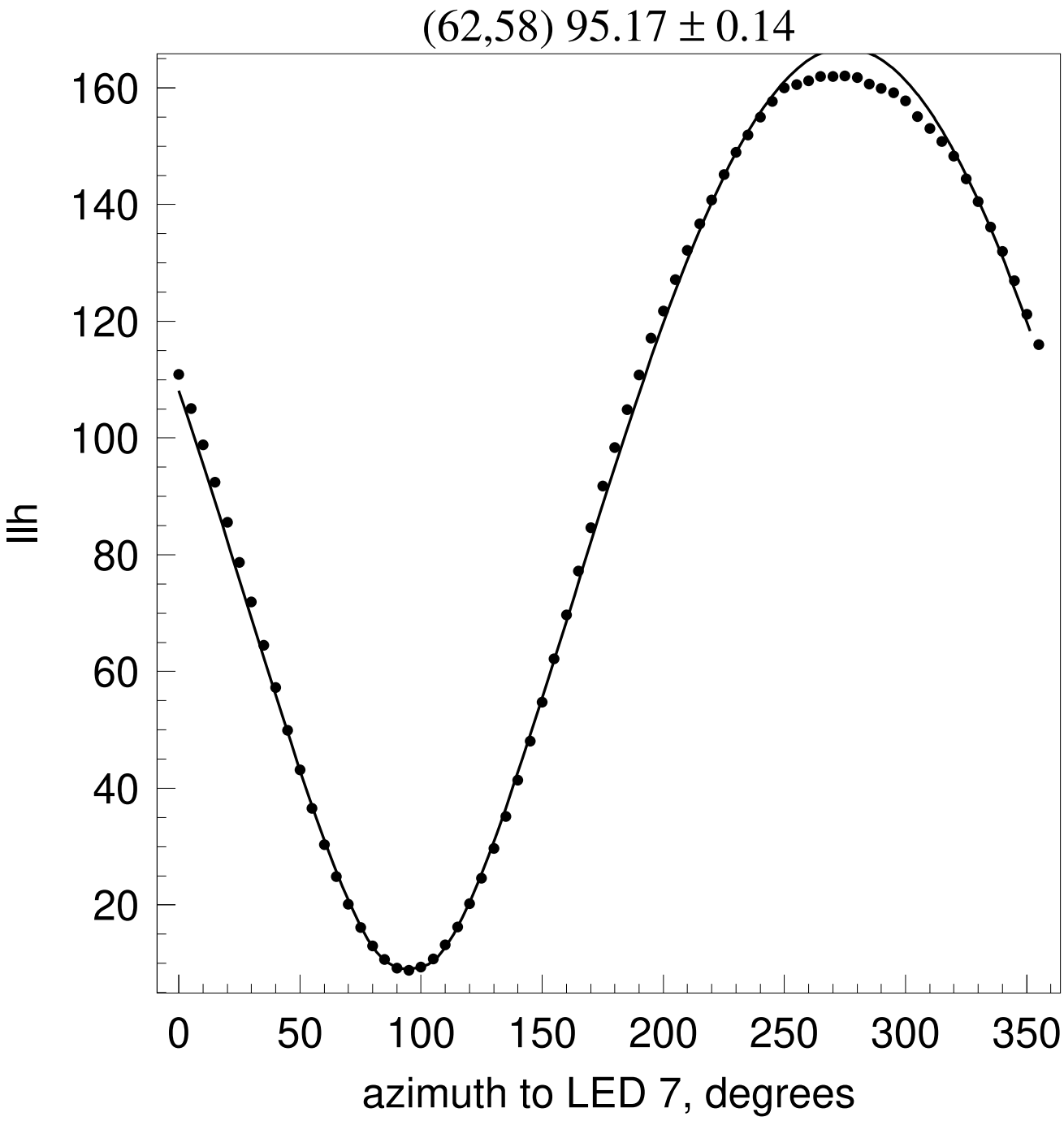

(62,53) 220.53 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

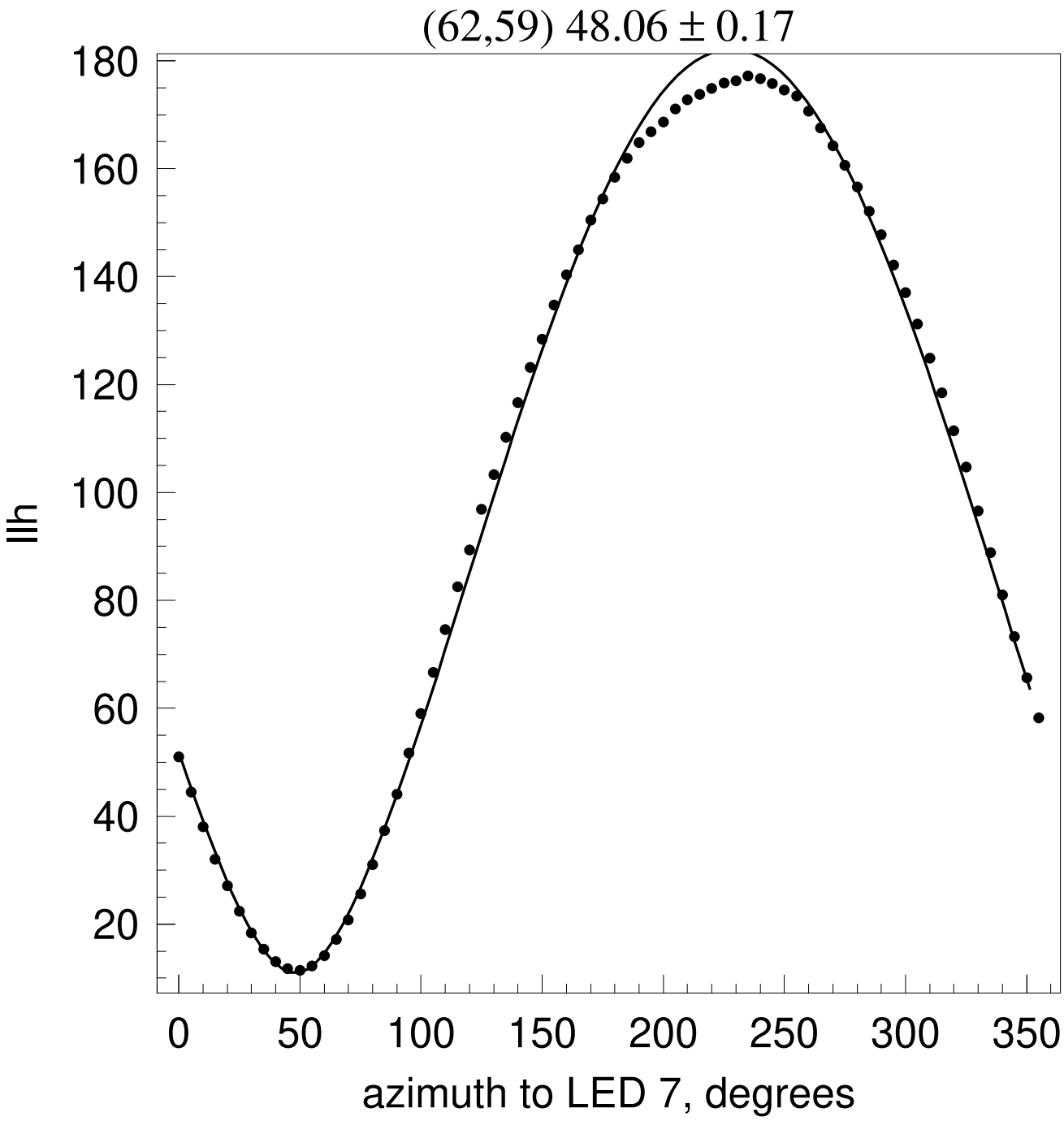

(62,54) 69.69 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

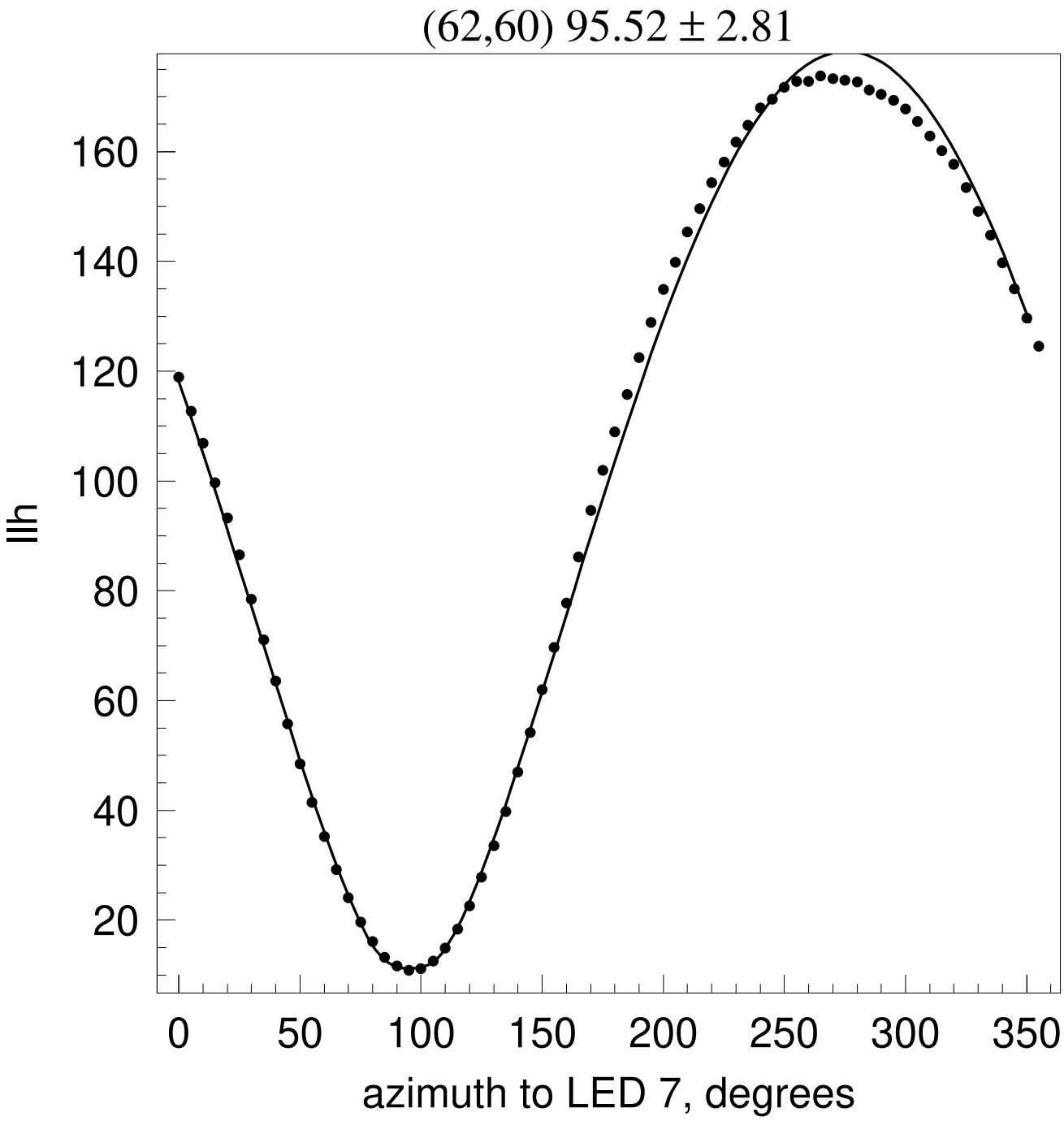

(62,55) 43.90 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

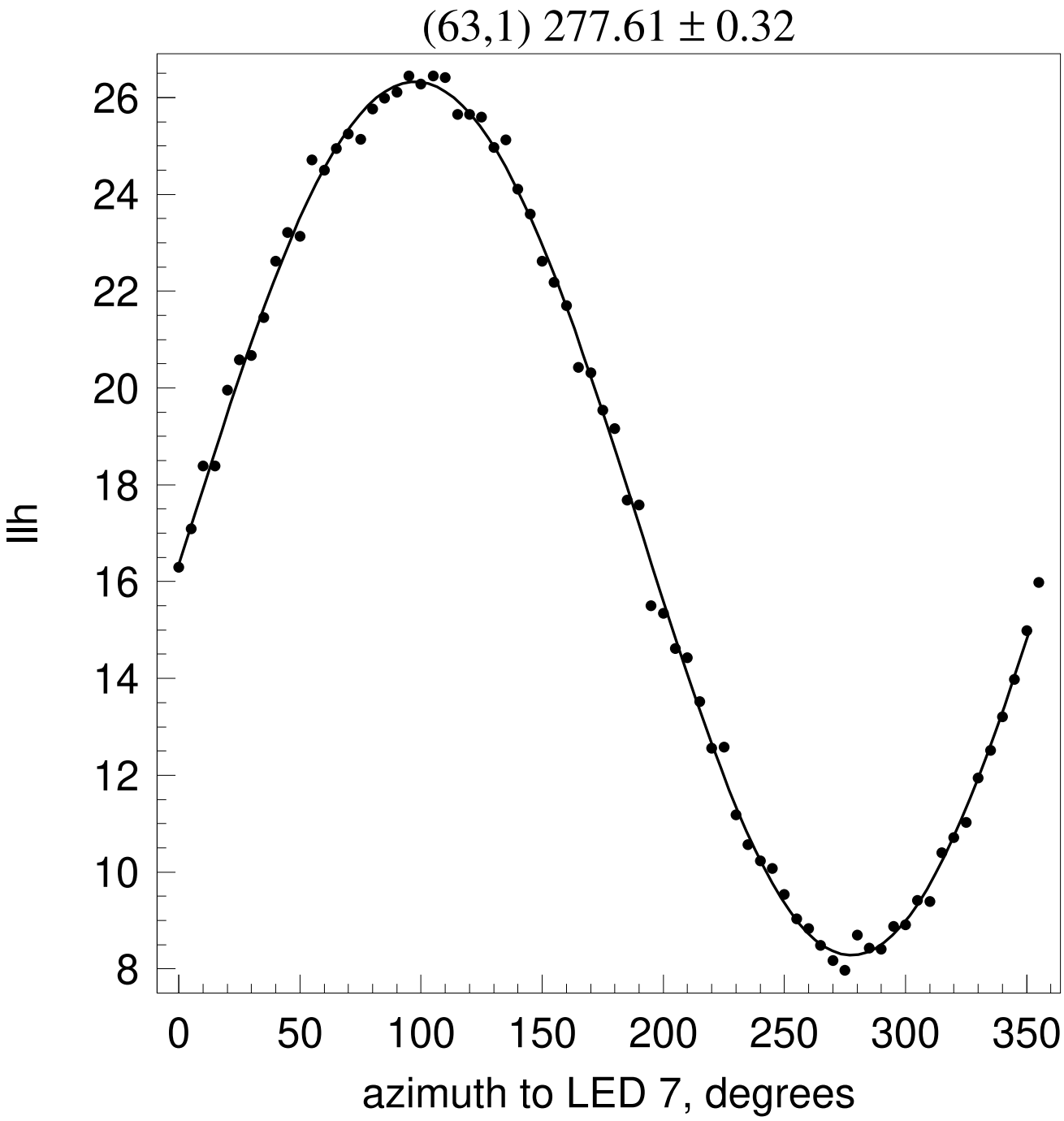

(62,56) 289.07 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

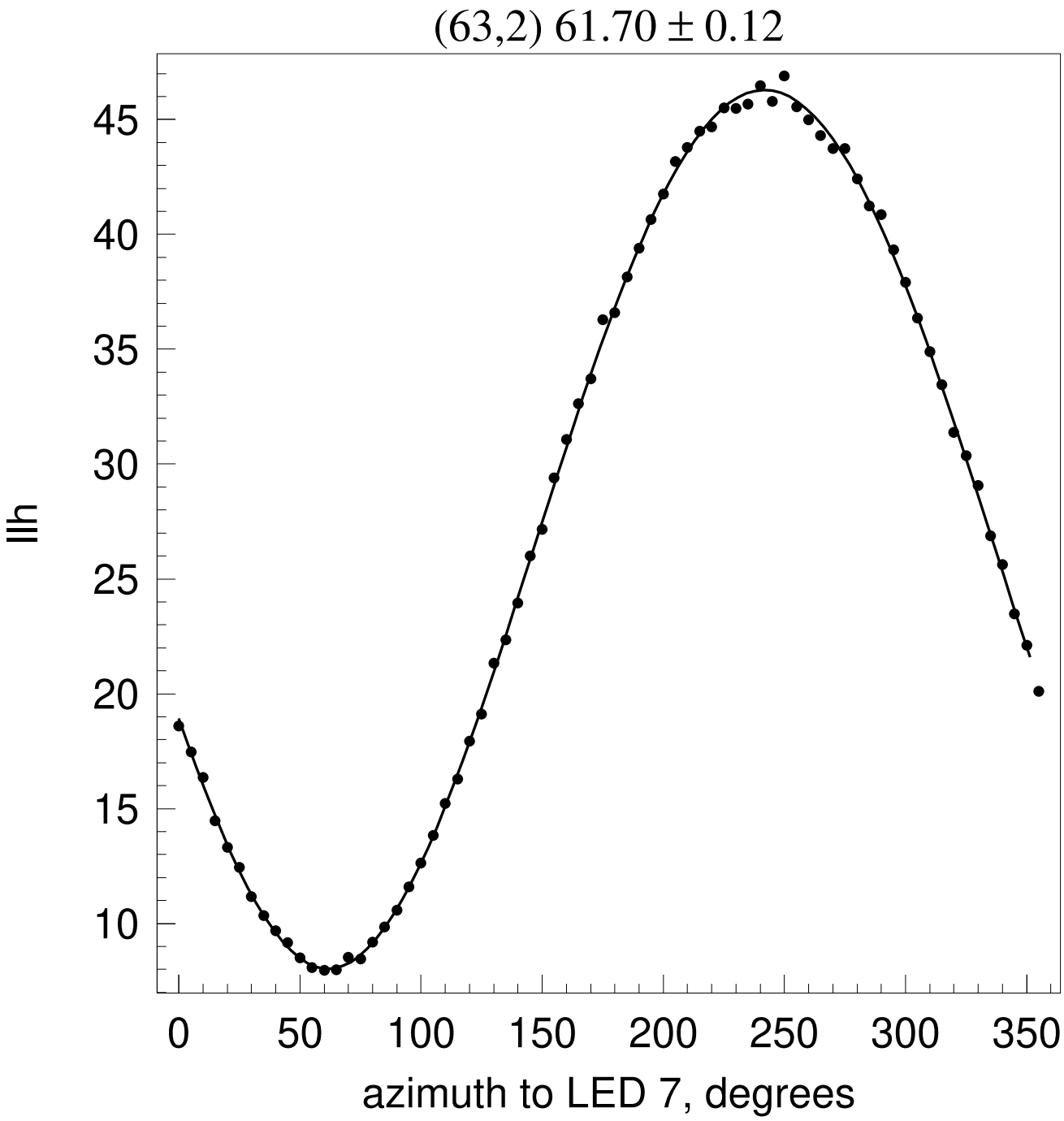

(62,57) 235.58 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

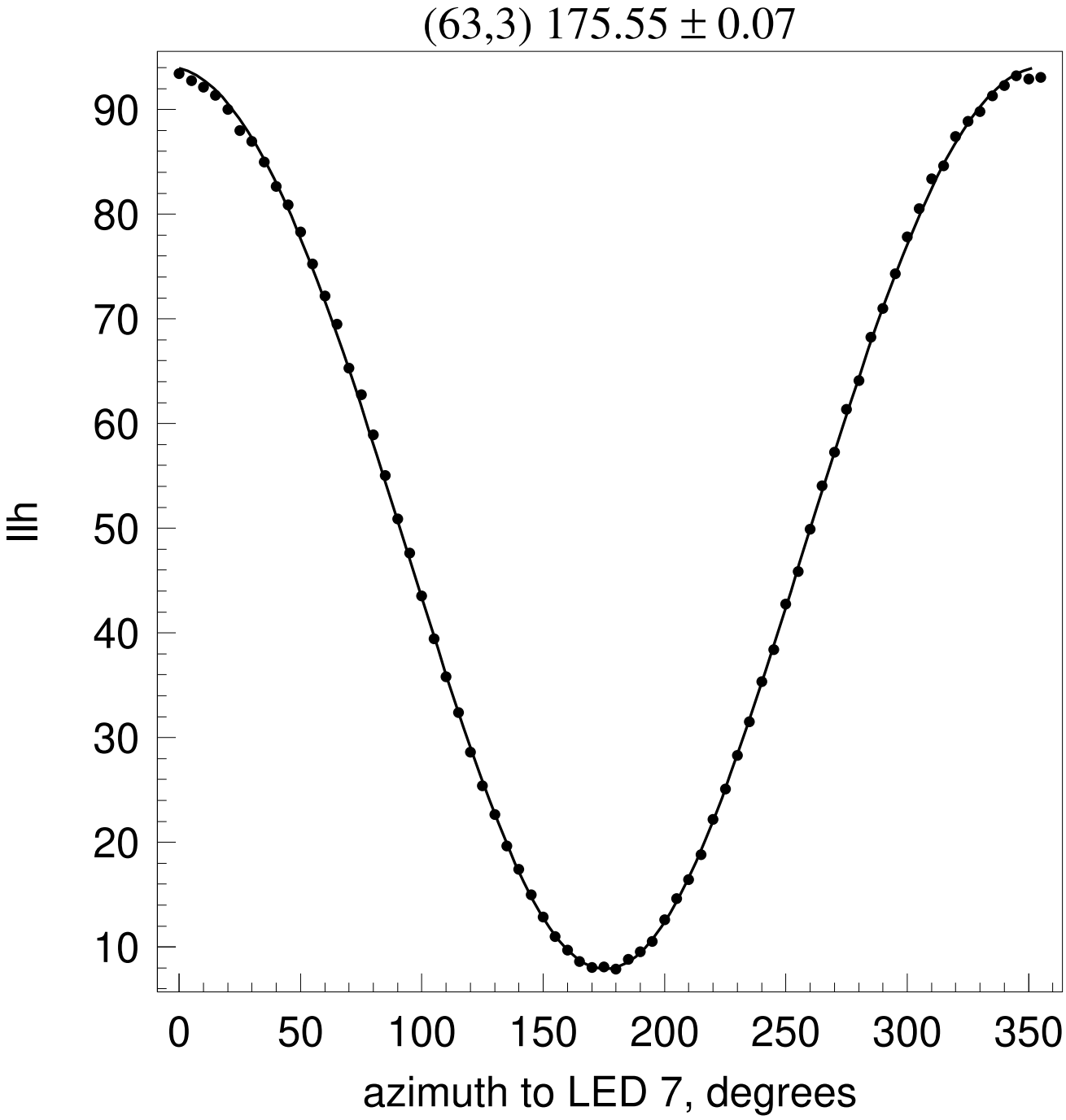

(62,58) 95.17 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

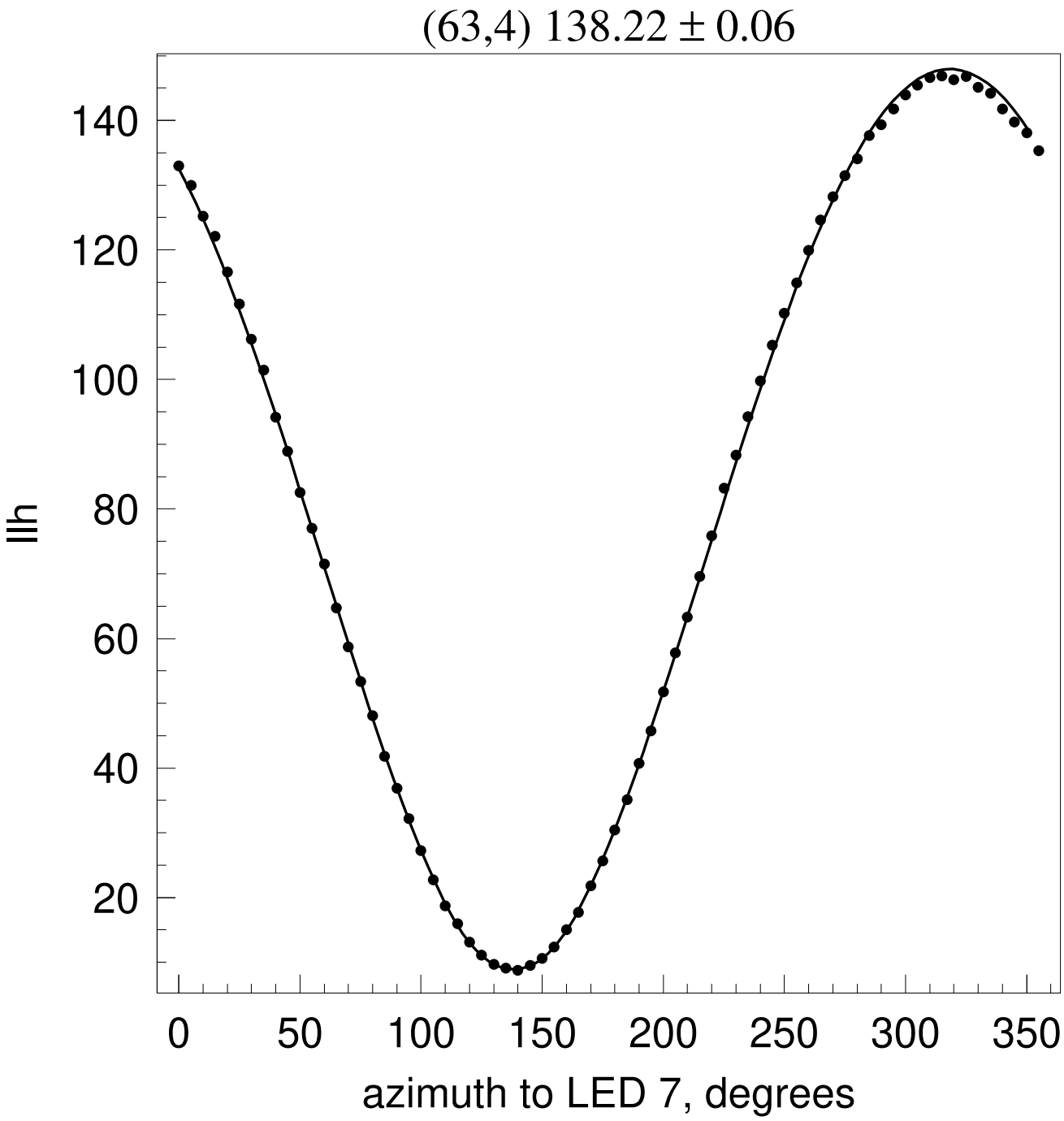

(62,59) 48.06 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

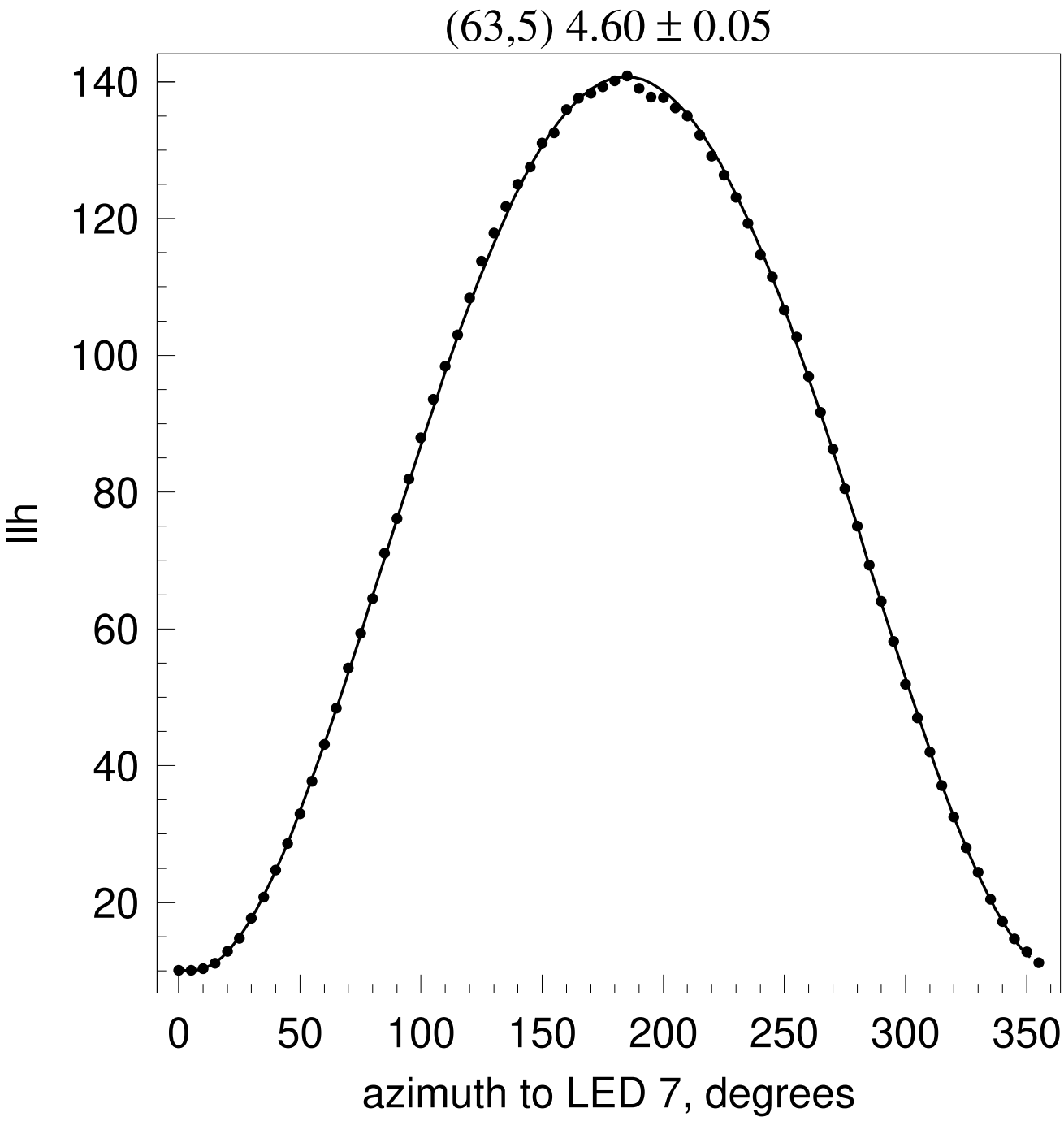

(62,60) 95.52 ± 2.81
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

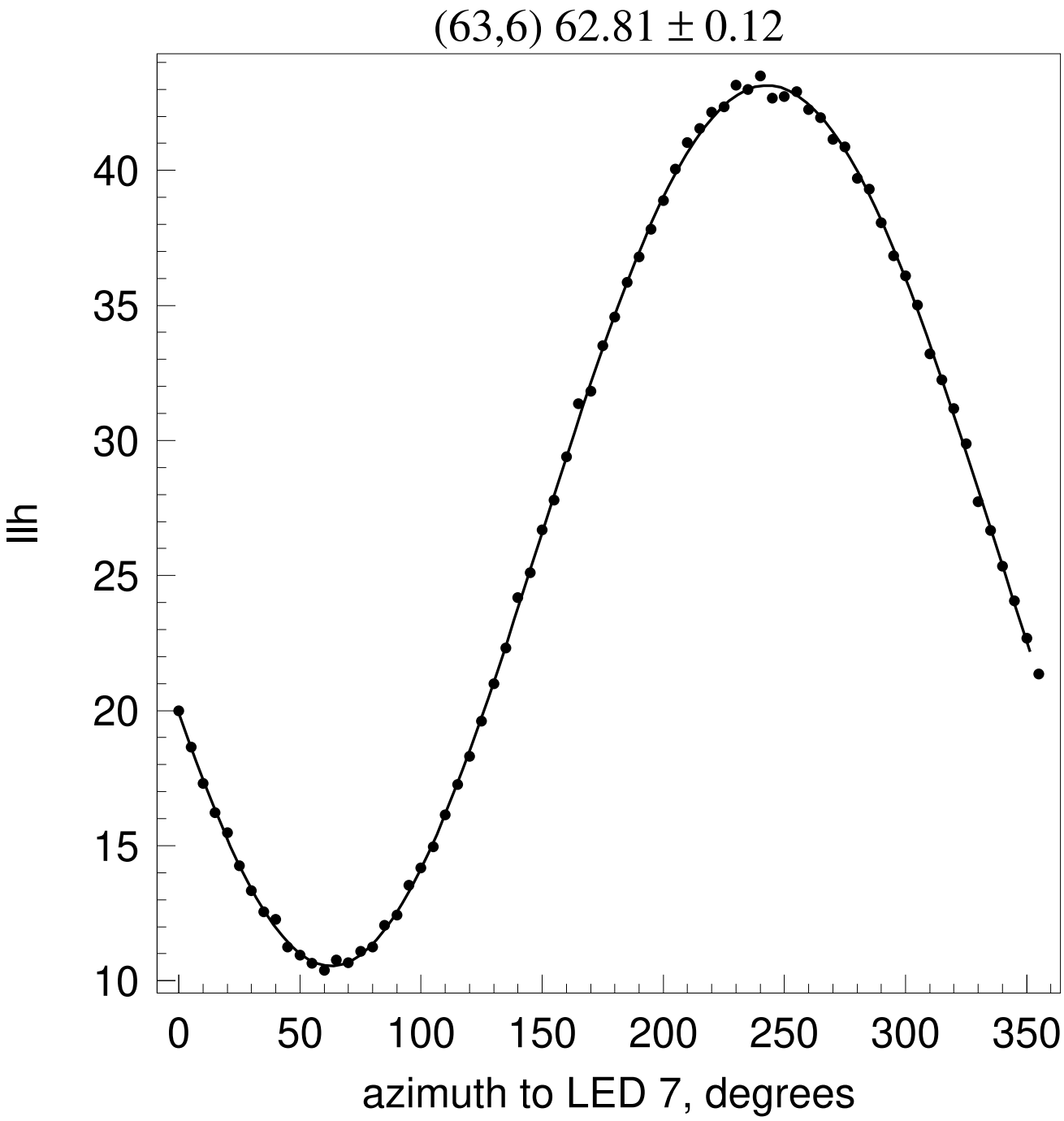

(63,1) 277.61 ± 0.32
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

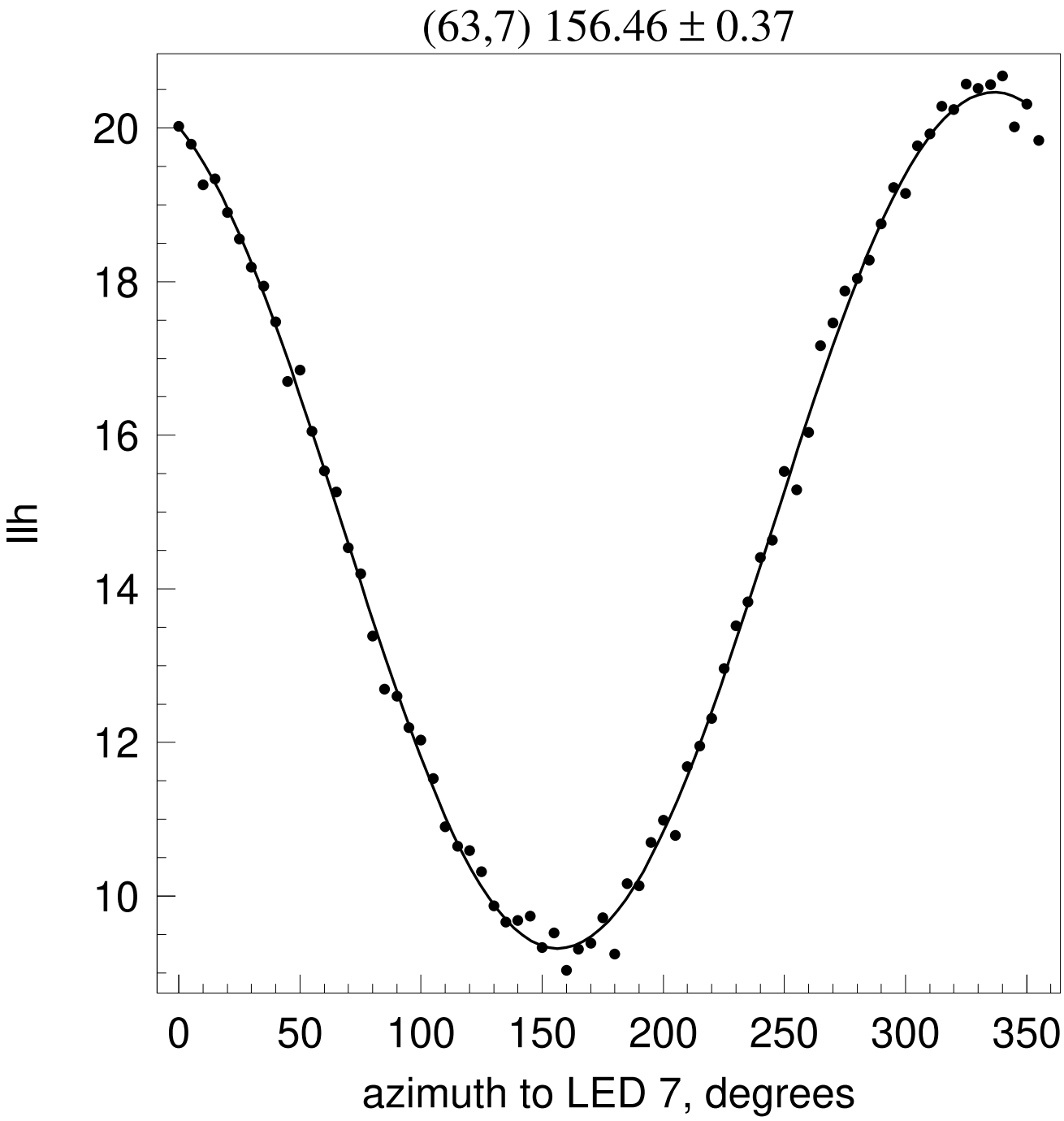

(63,2) 61.70 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

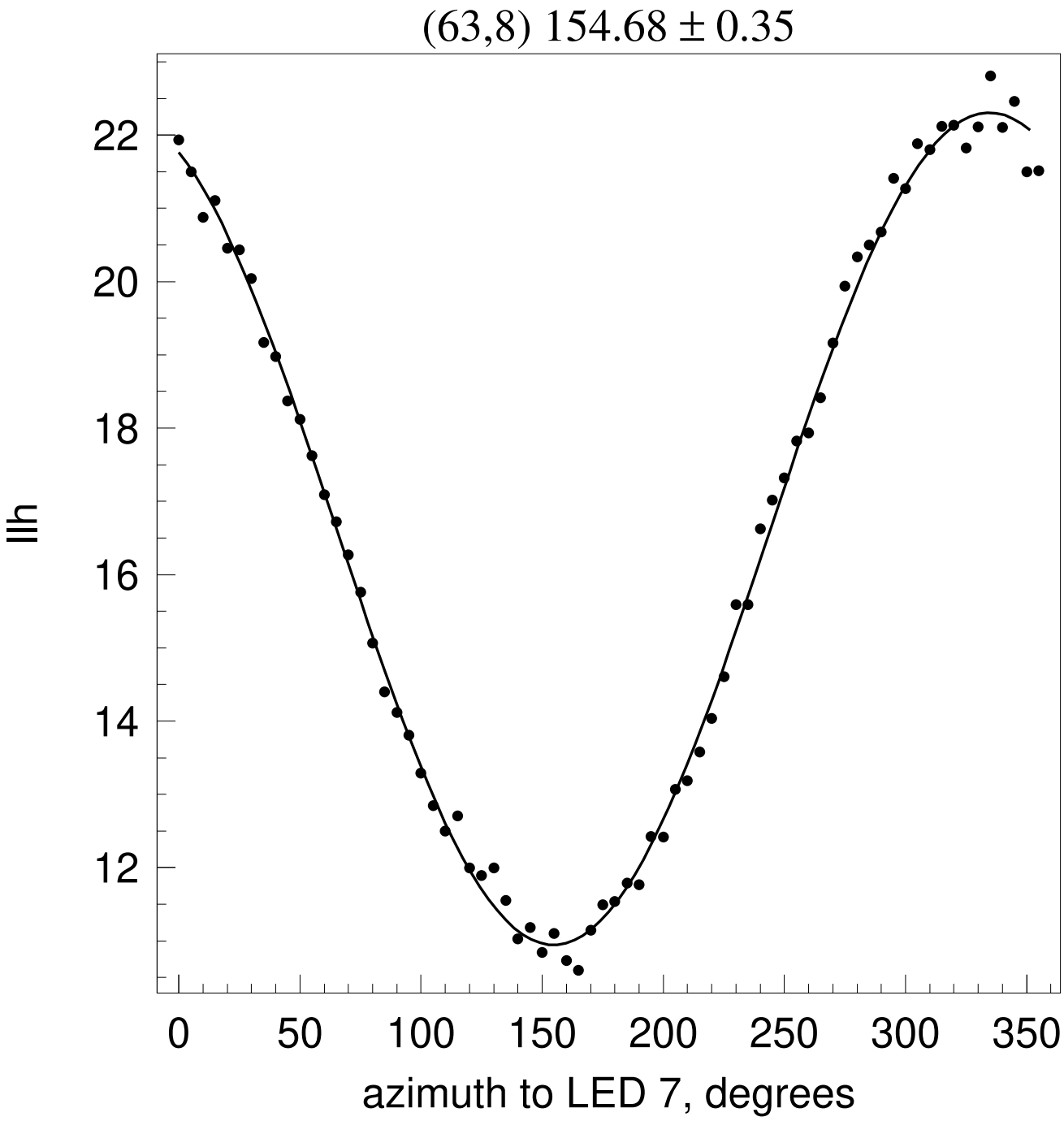

(63,3) 175.55 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

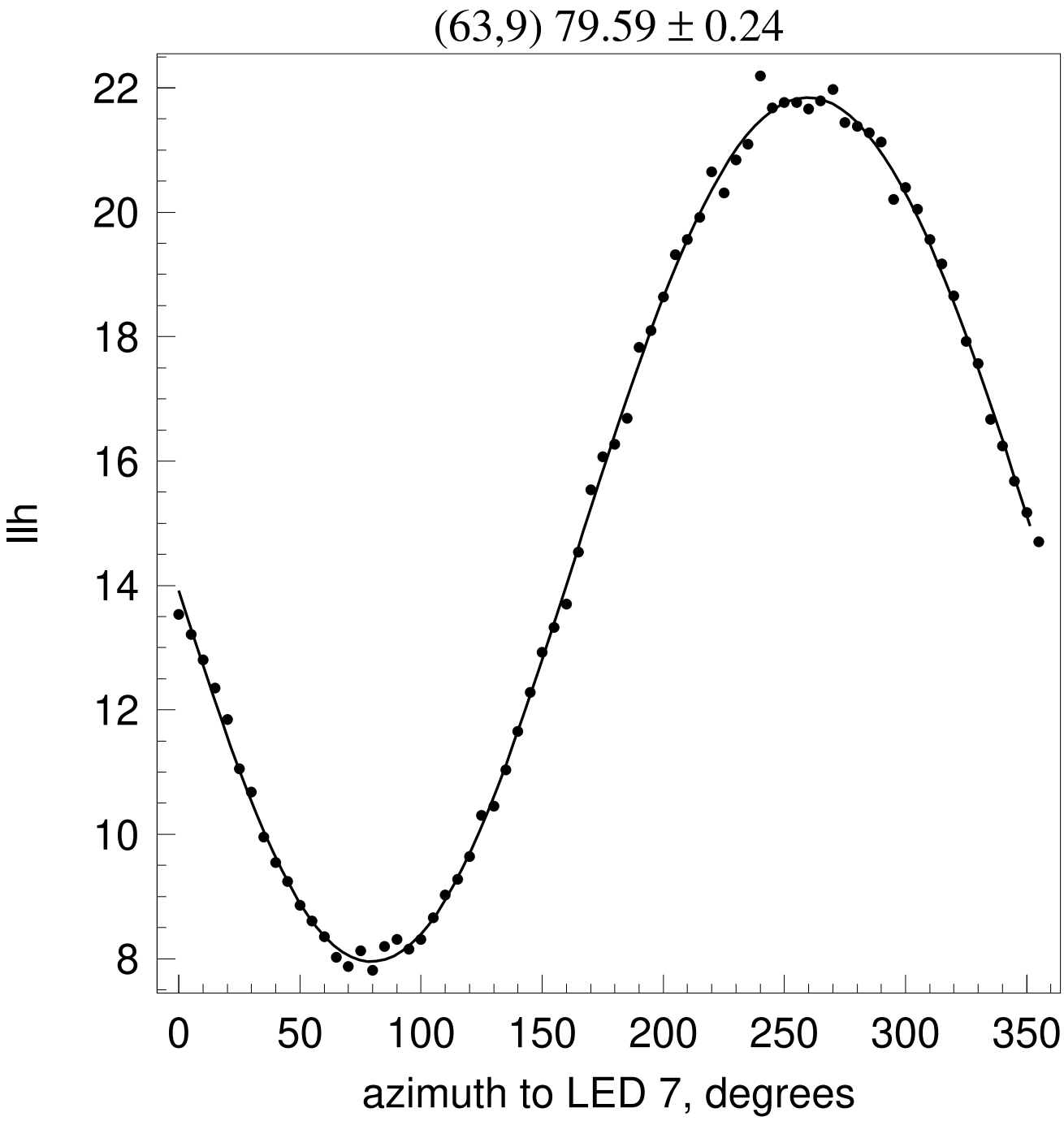

(63,4) 138.22 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

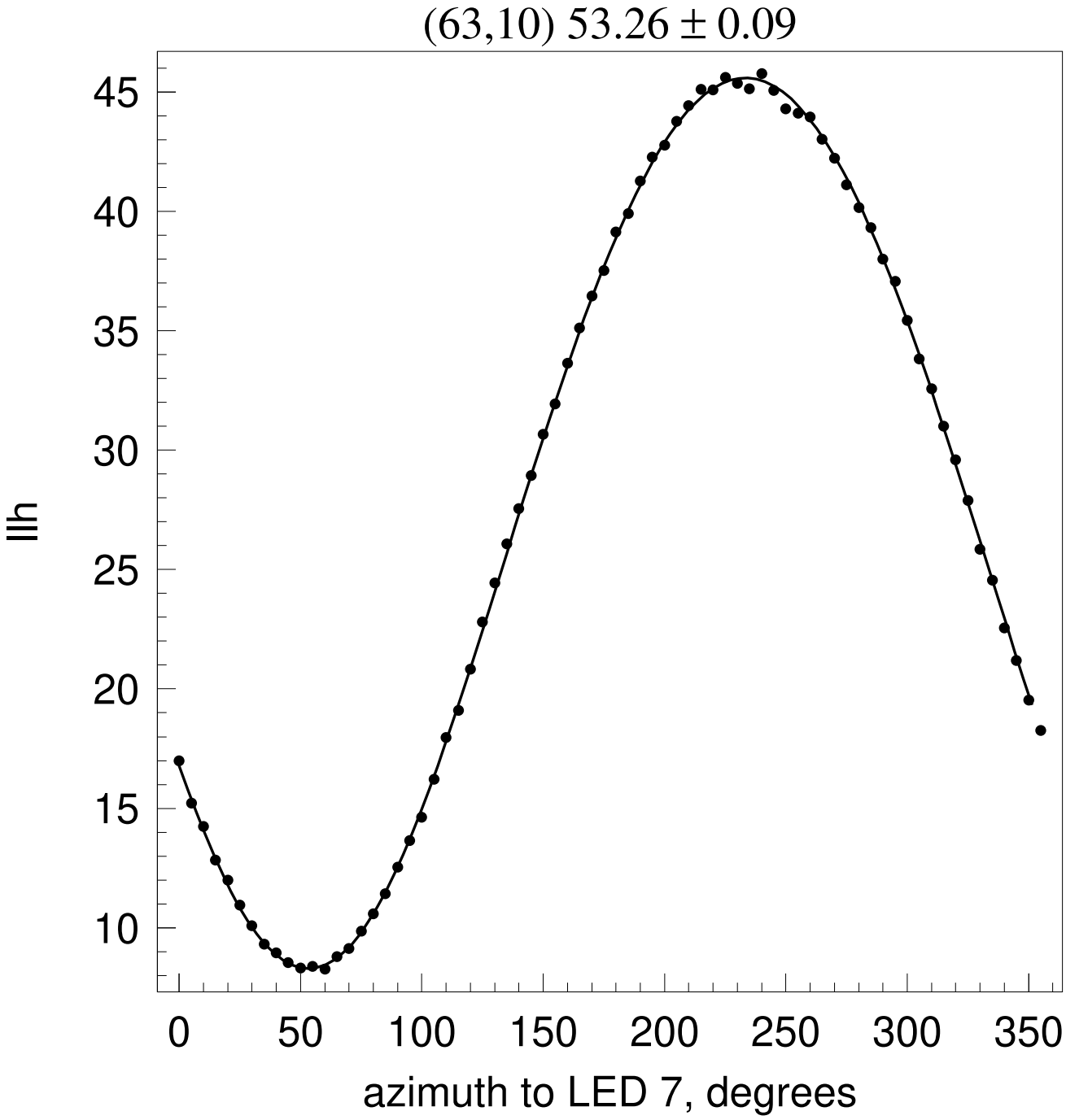

(63,5) 4.60 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

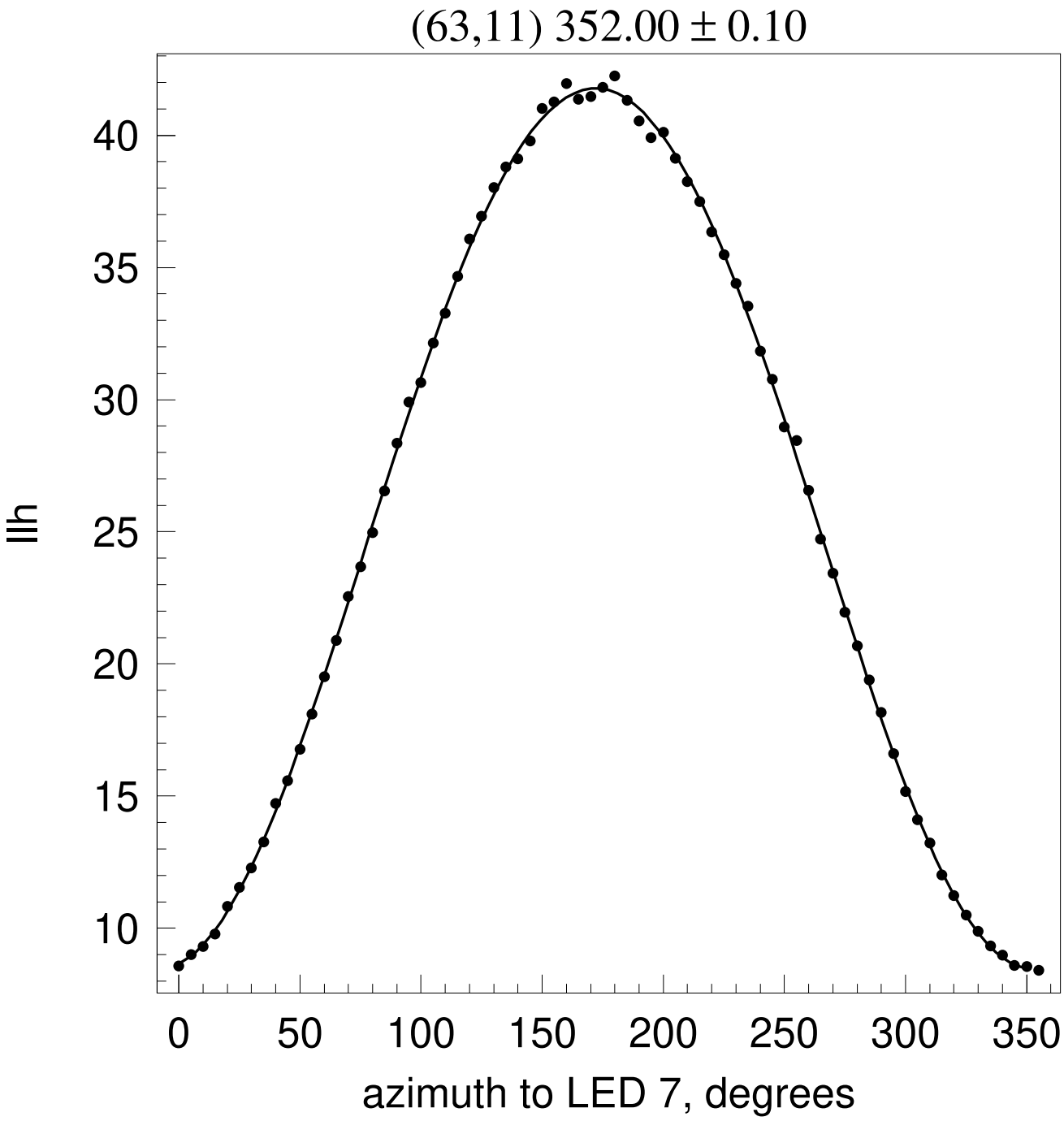

(63,6) 62.81 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

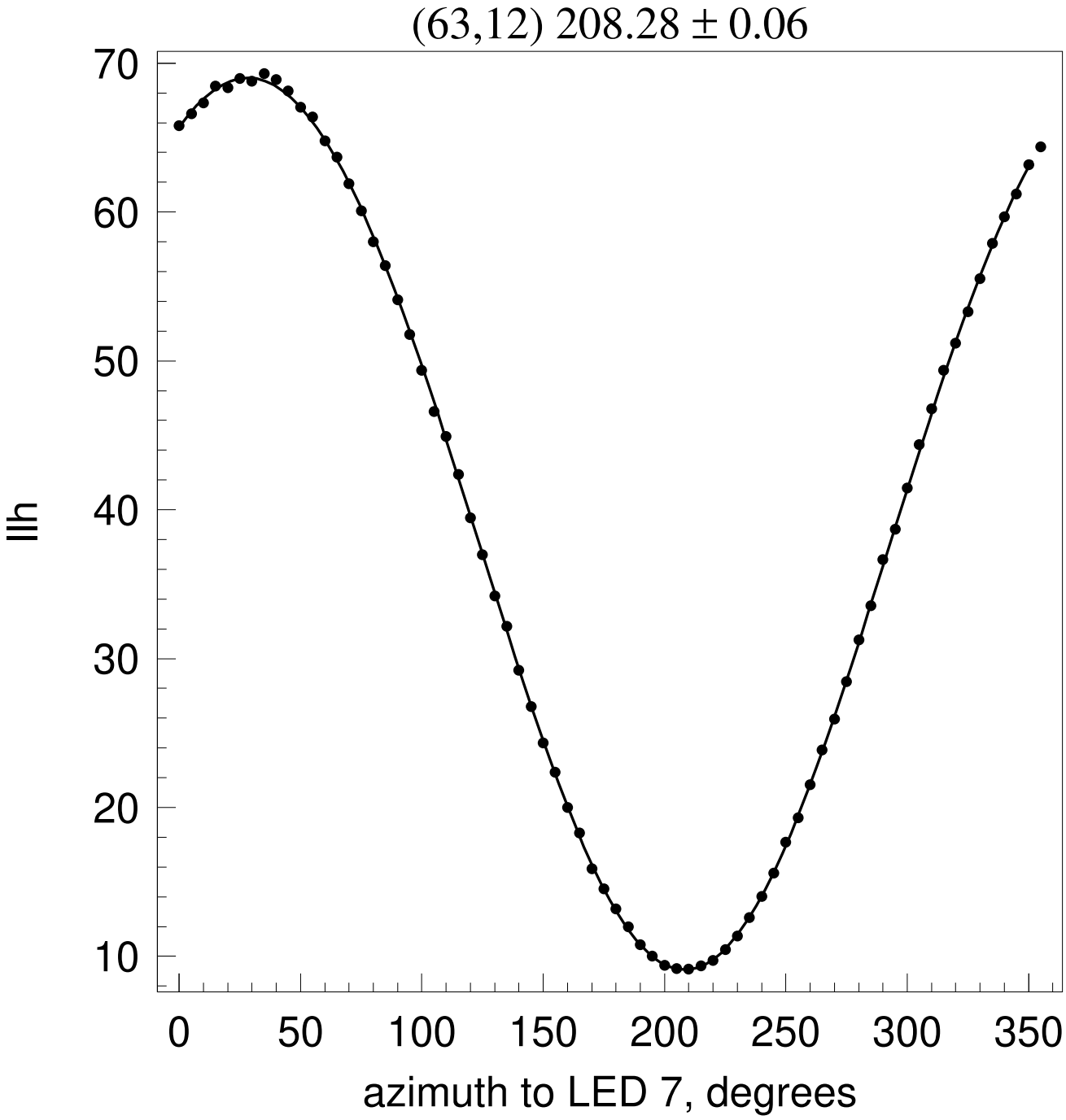

(63,7) 156.46 ± 0.37
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

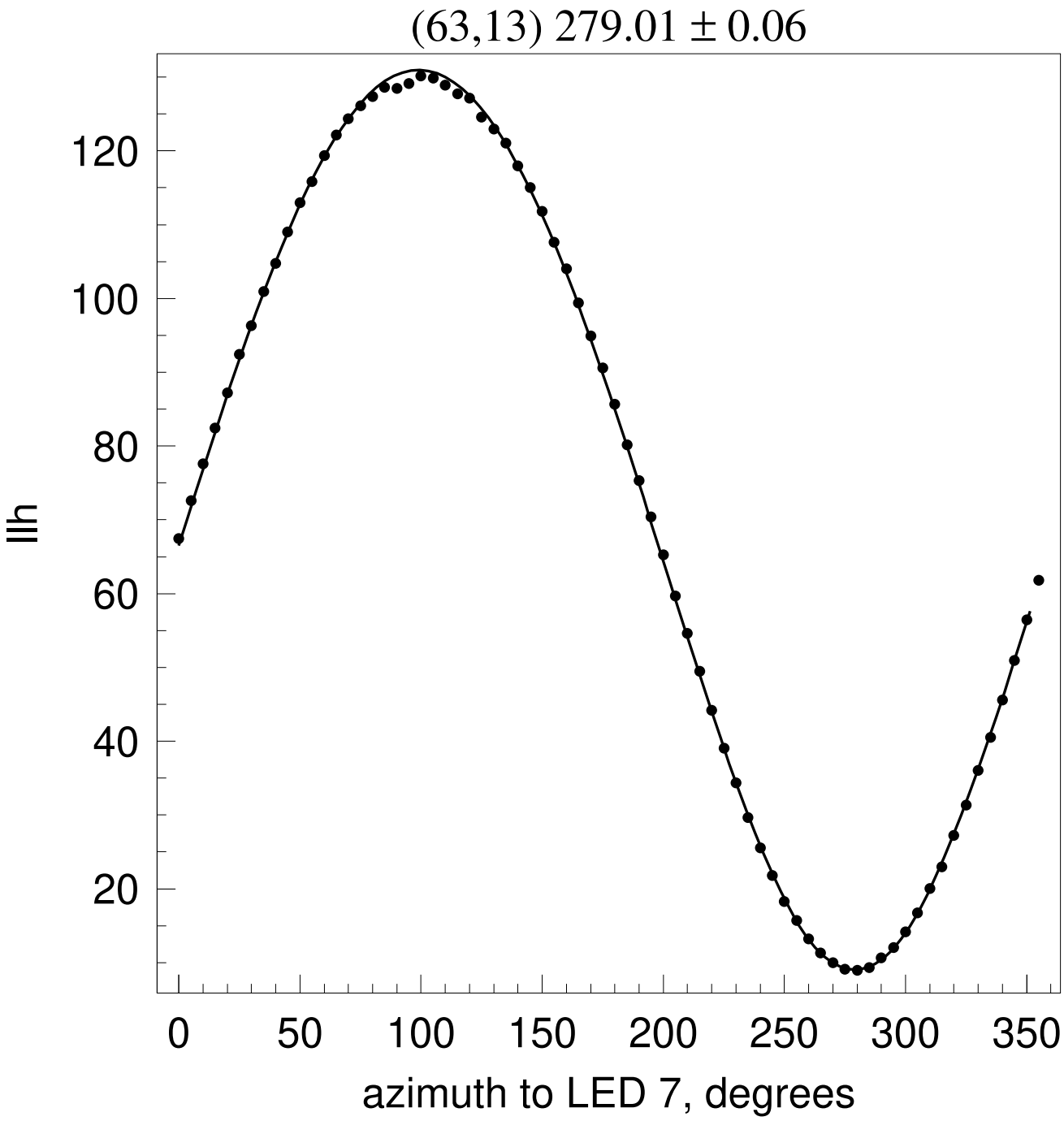

(63,8) 154.68 ± 0.35
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

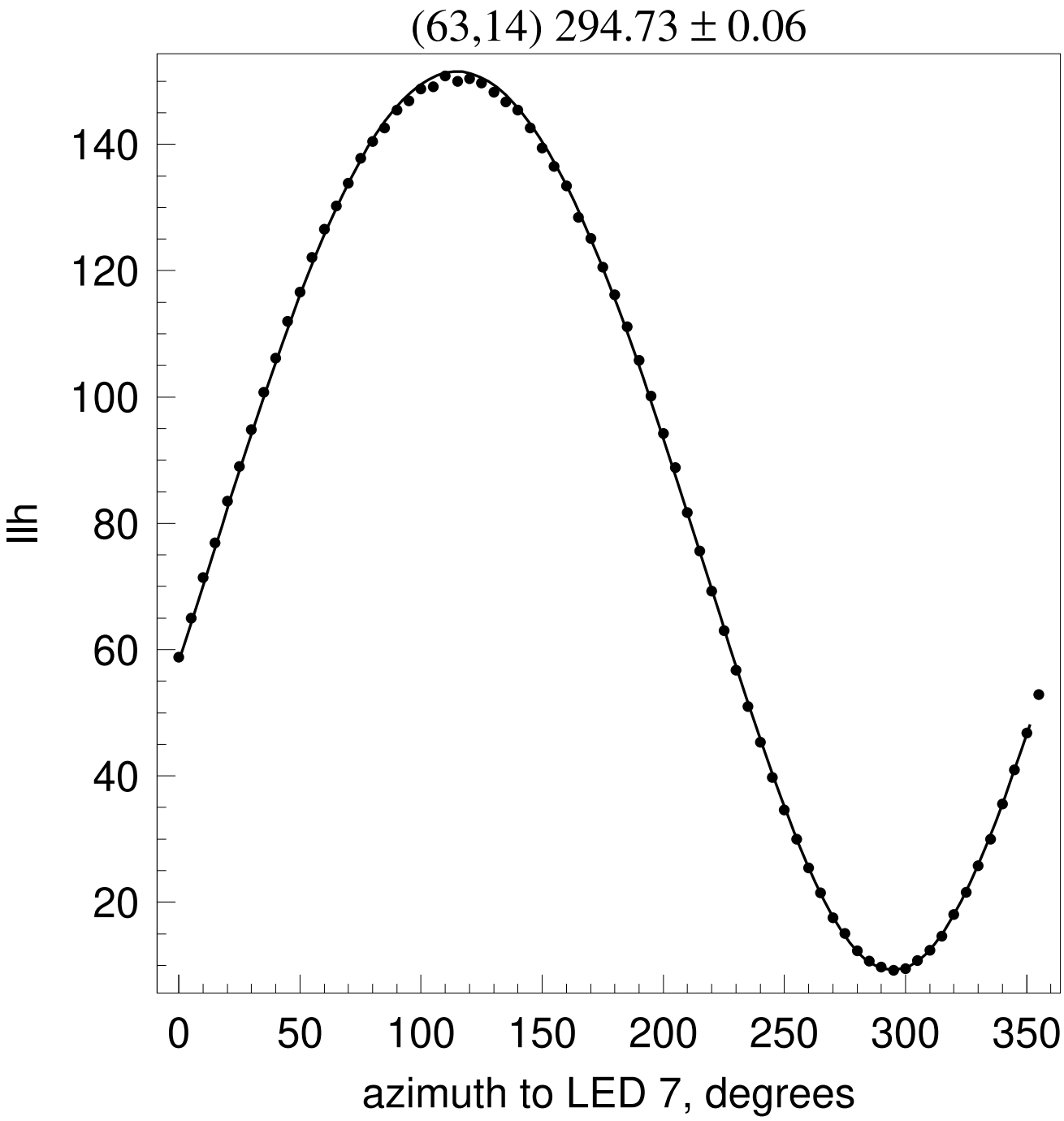

(63,9) 79.59 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

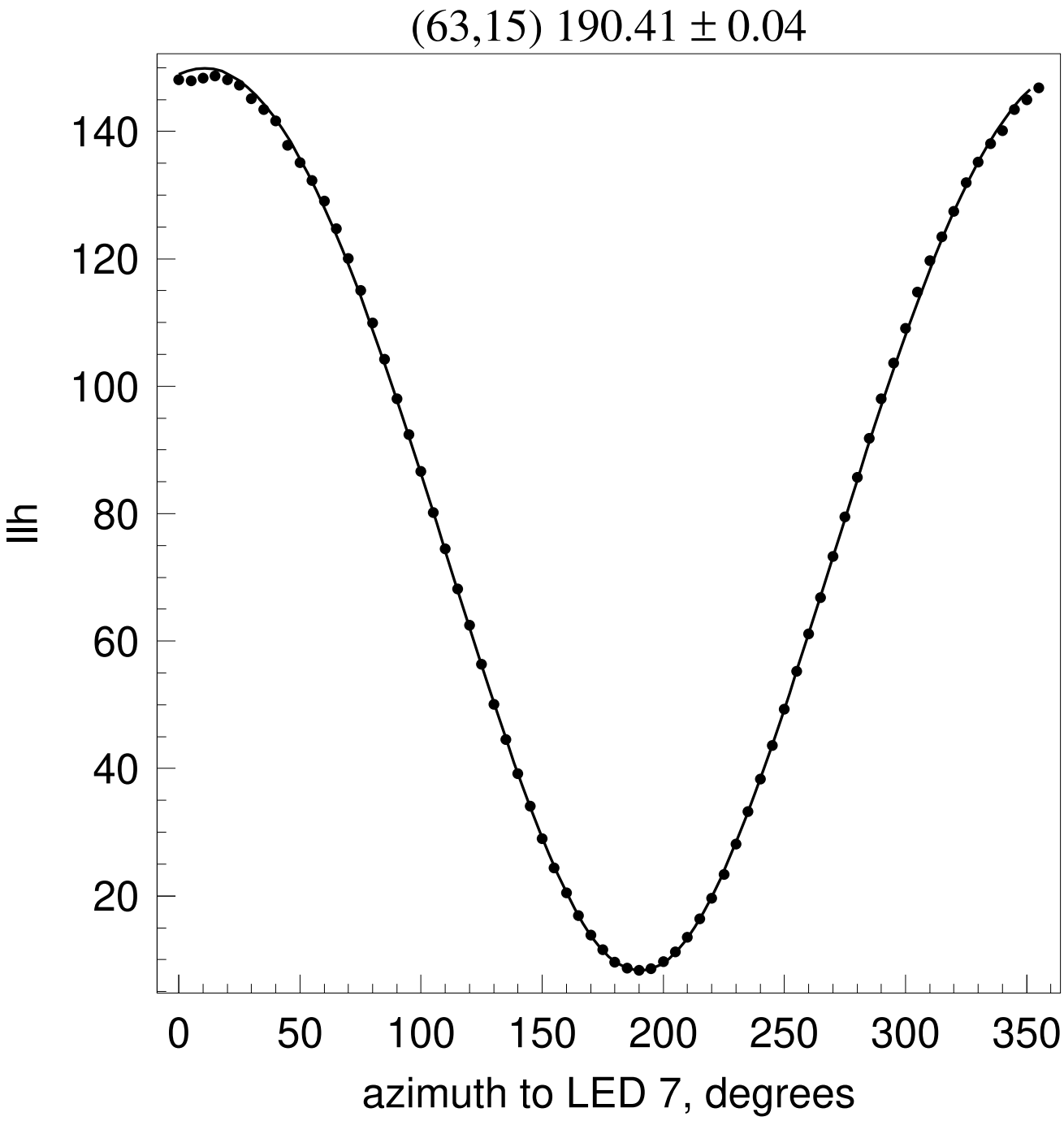

(63,10) 53.26 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

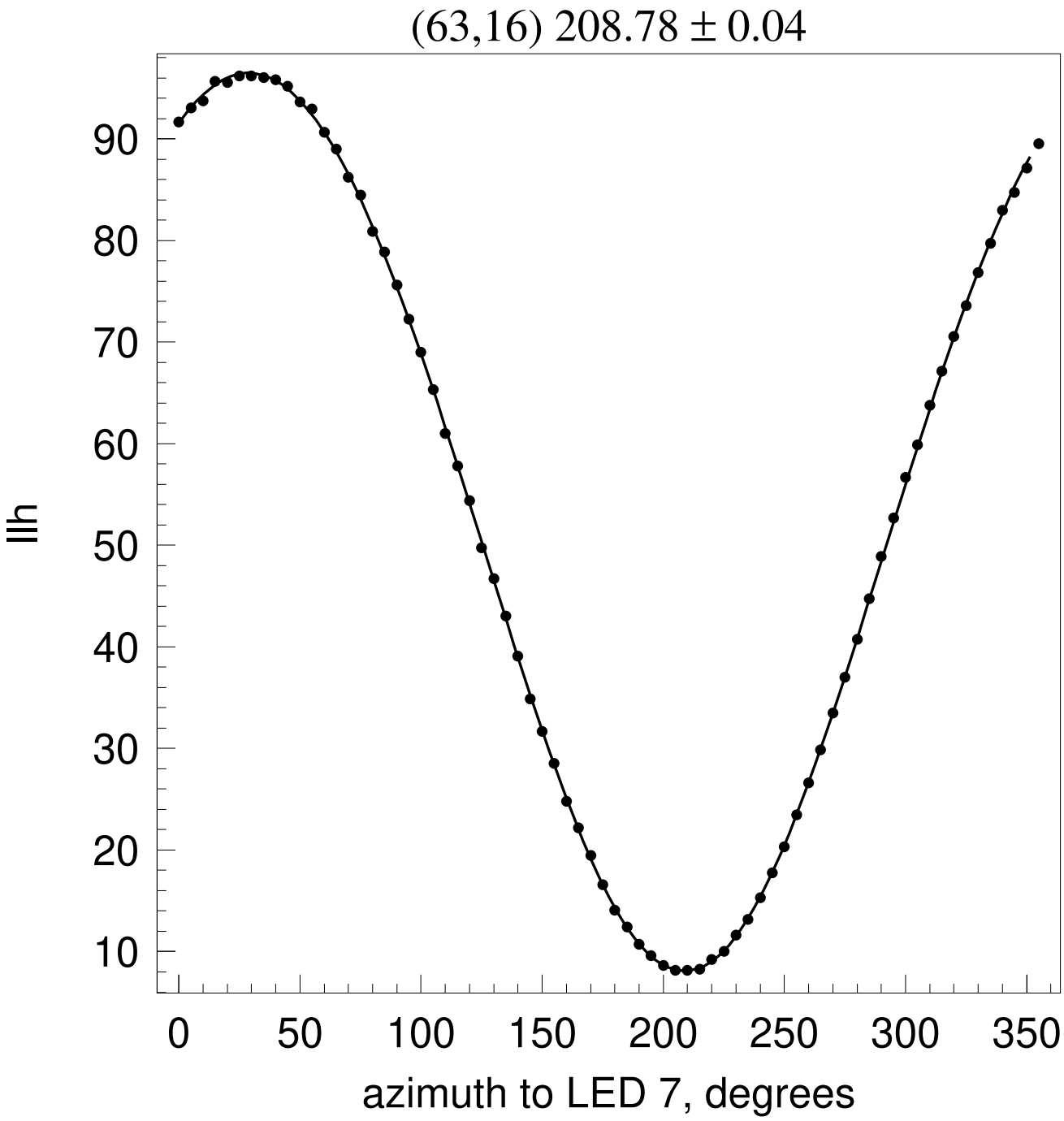

(63,11) 352.00 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

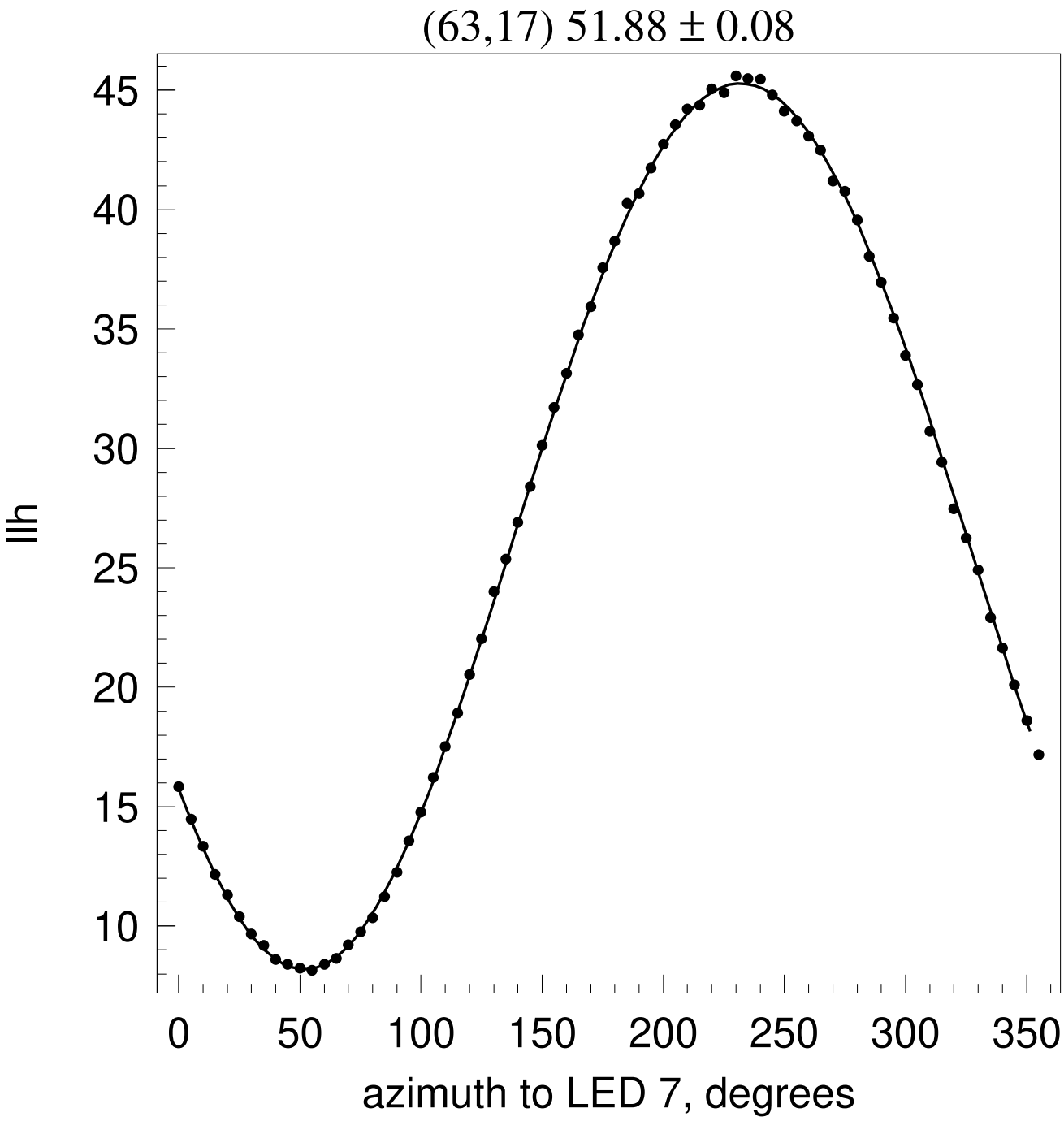

(63,12) 208.28 ± 0.06
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

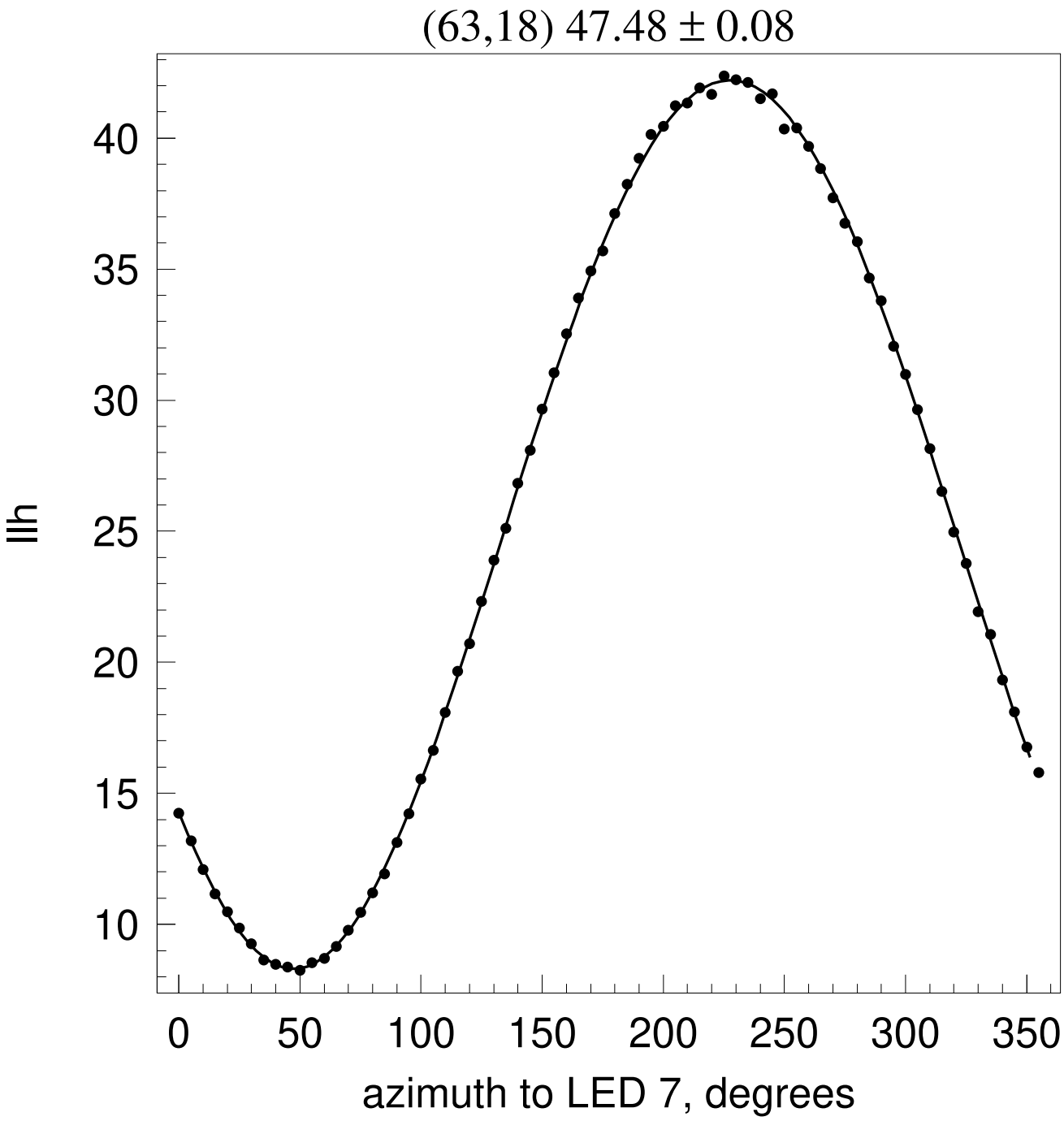

(63,13) 279.01 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

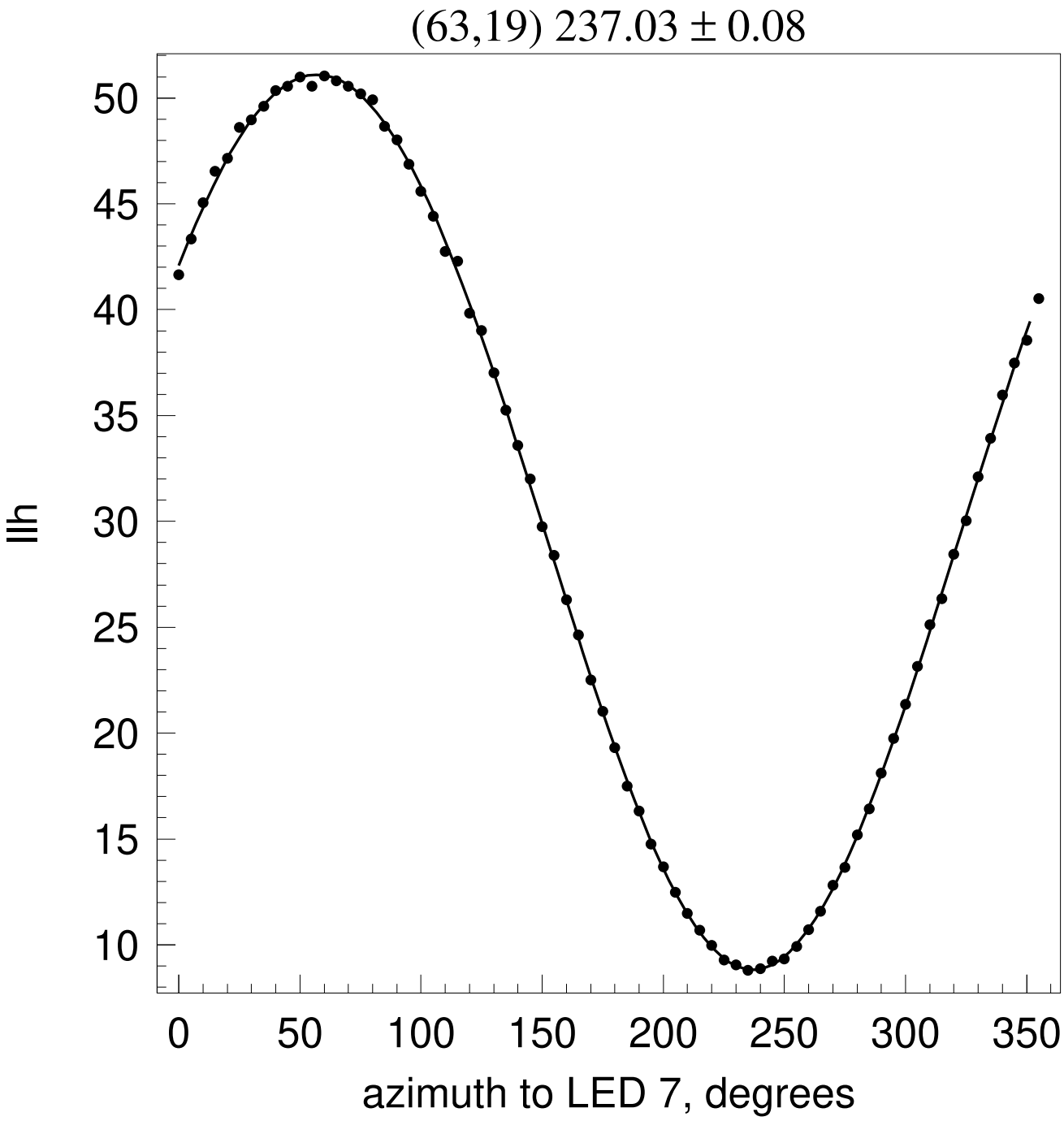

(63,14) 294.73 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

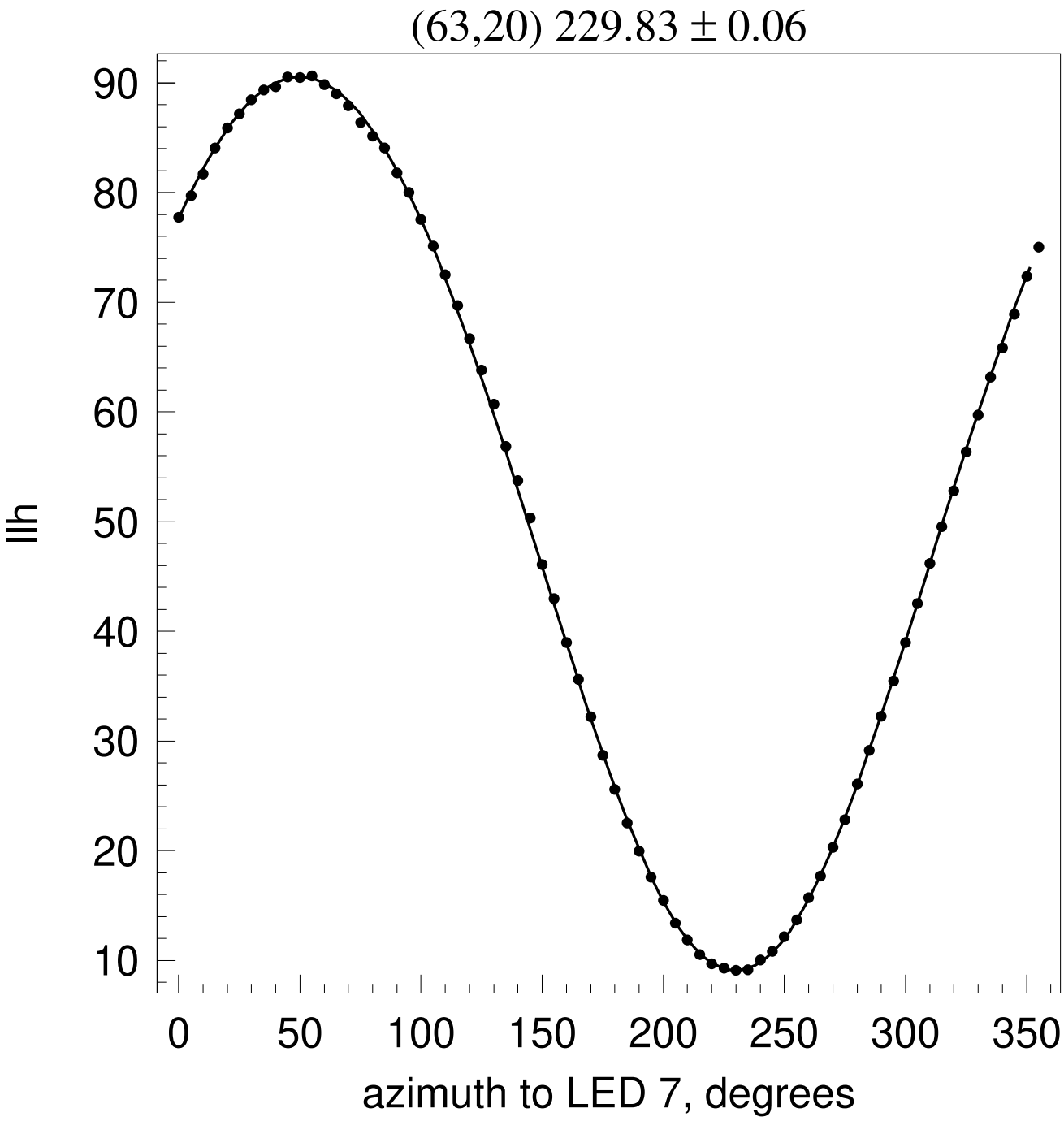

(63,15) 190.41 ± 0.04
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

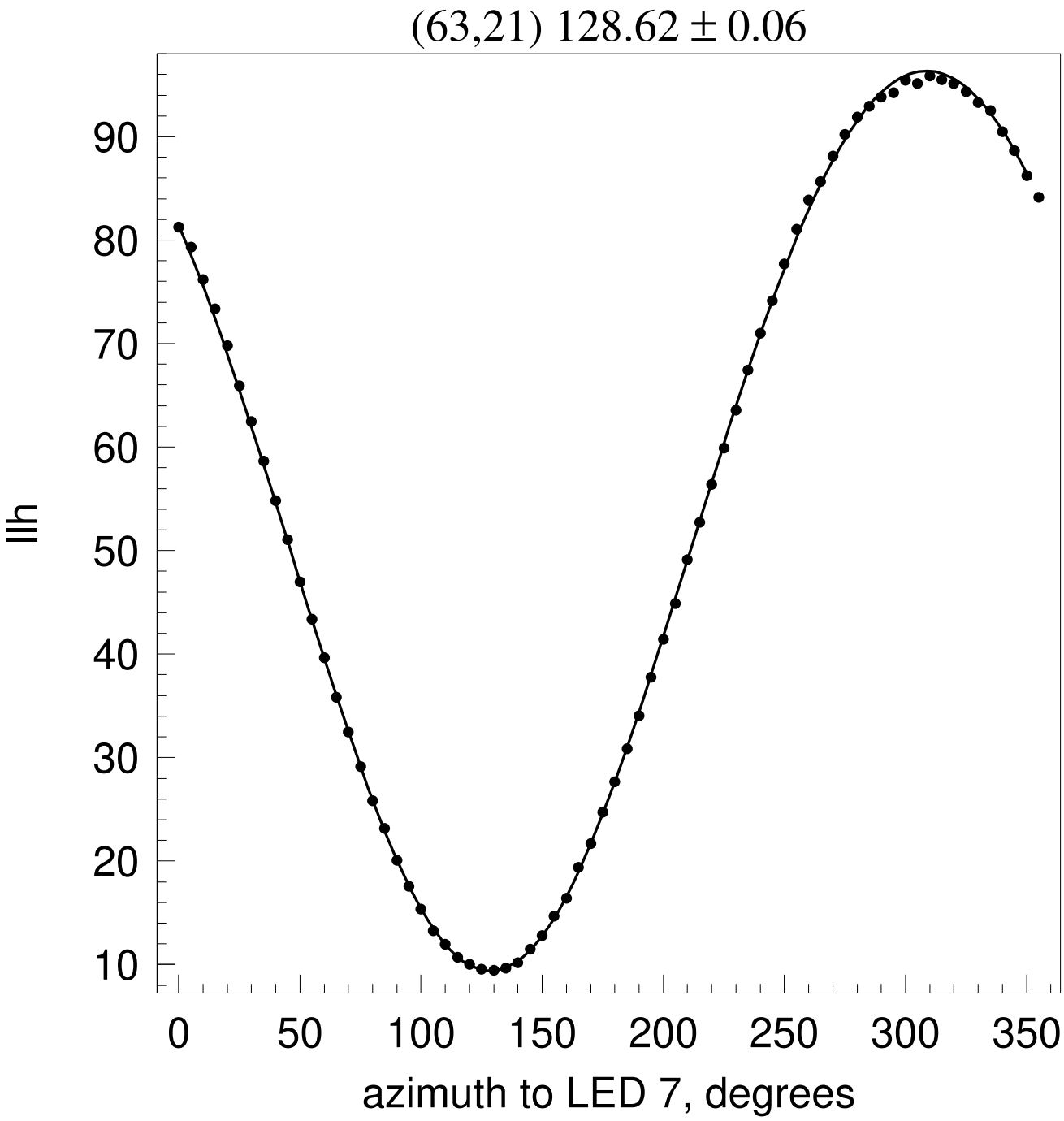

(63,16) 208.78 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

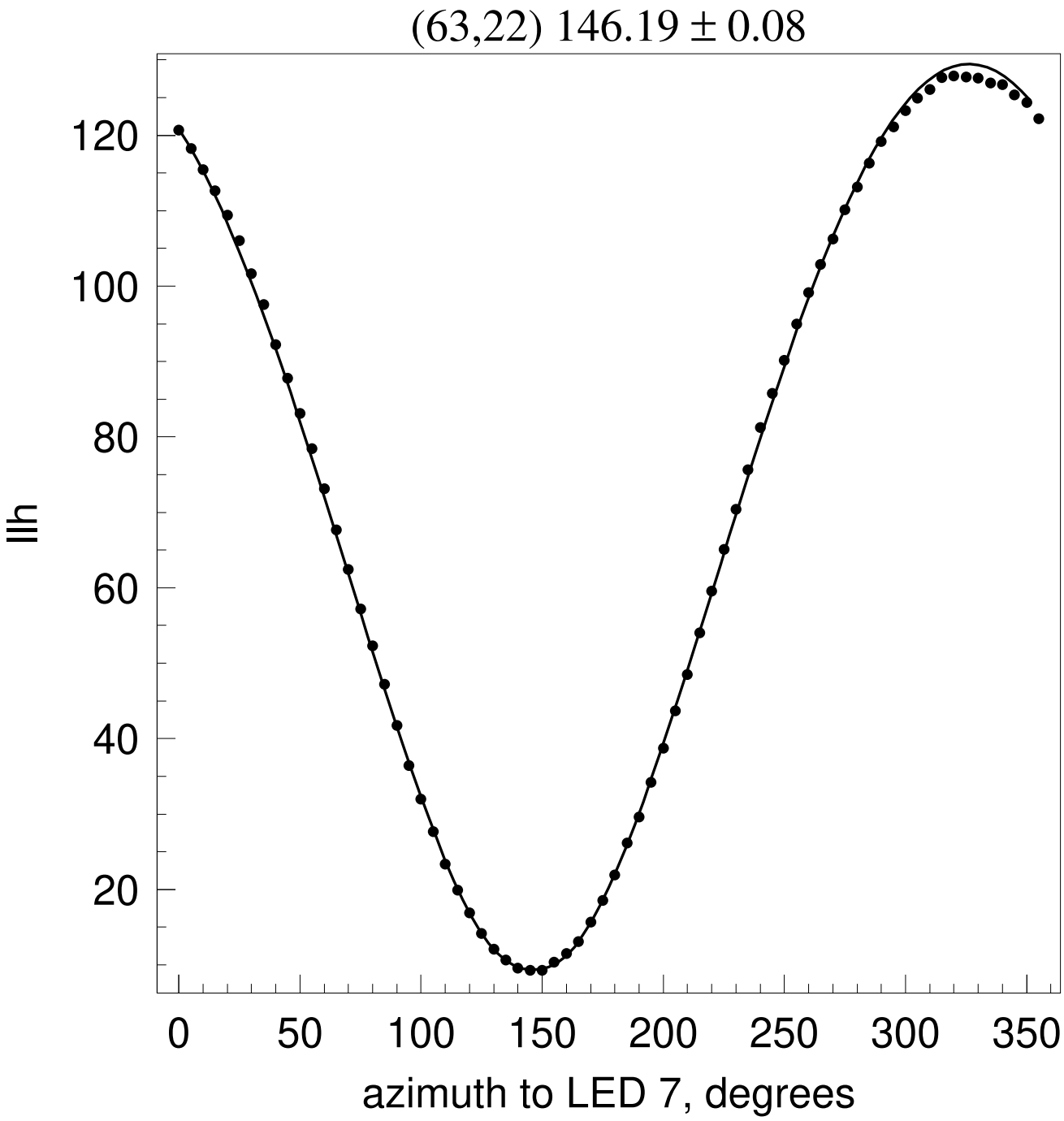

(63,17) 51.88 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

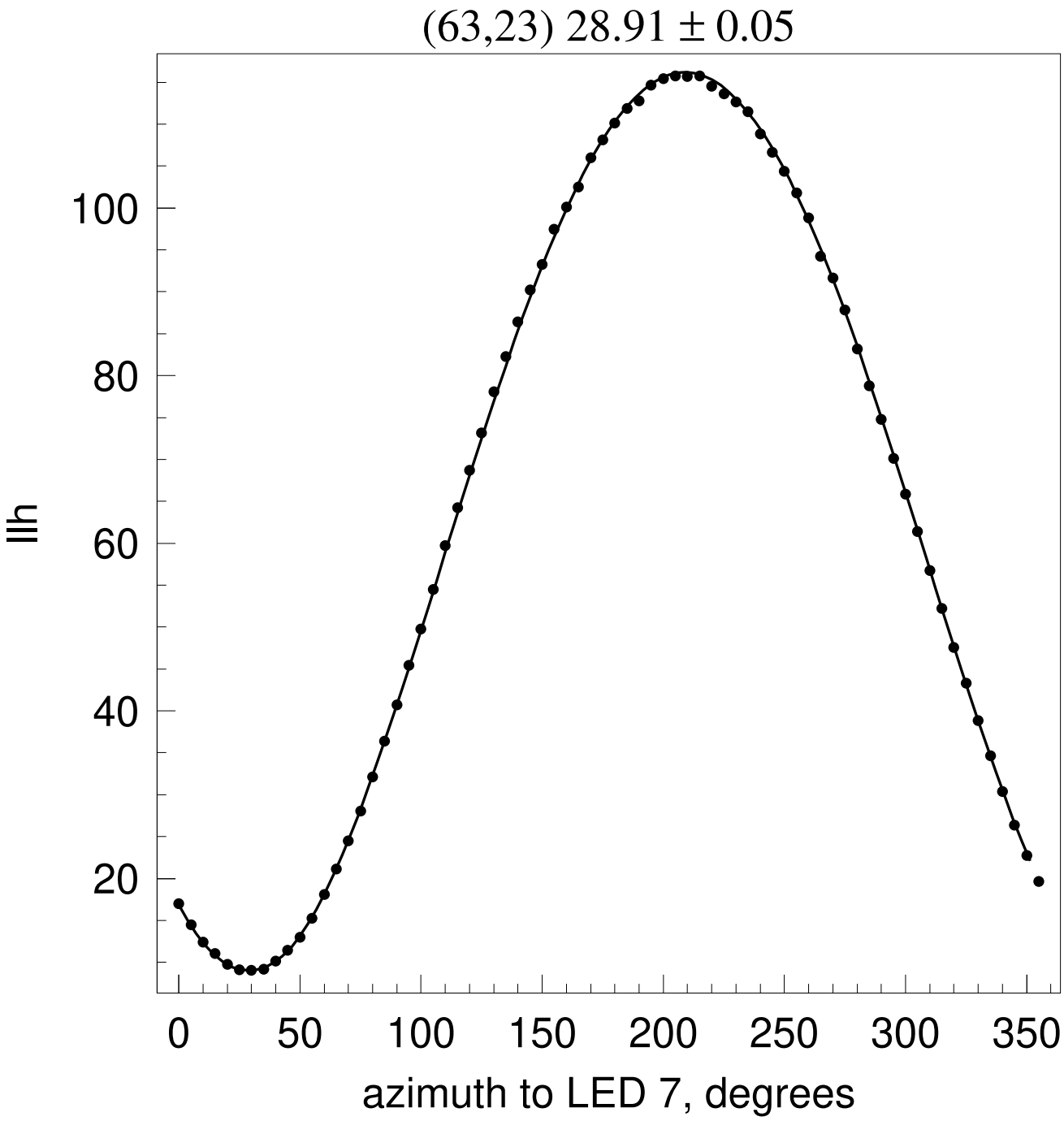

(63,18) 47.48 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

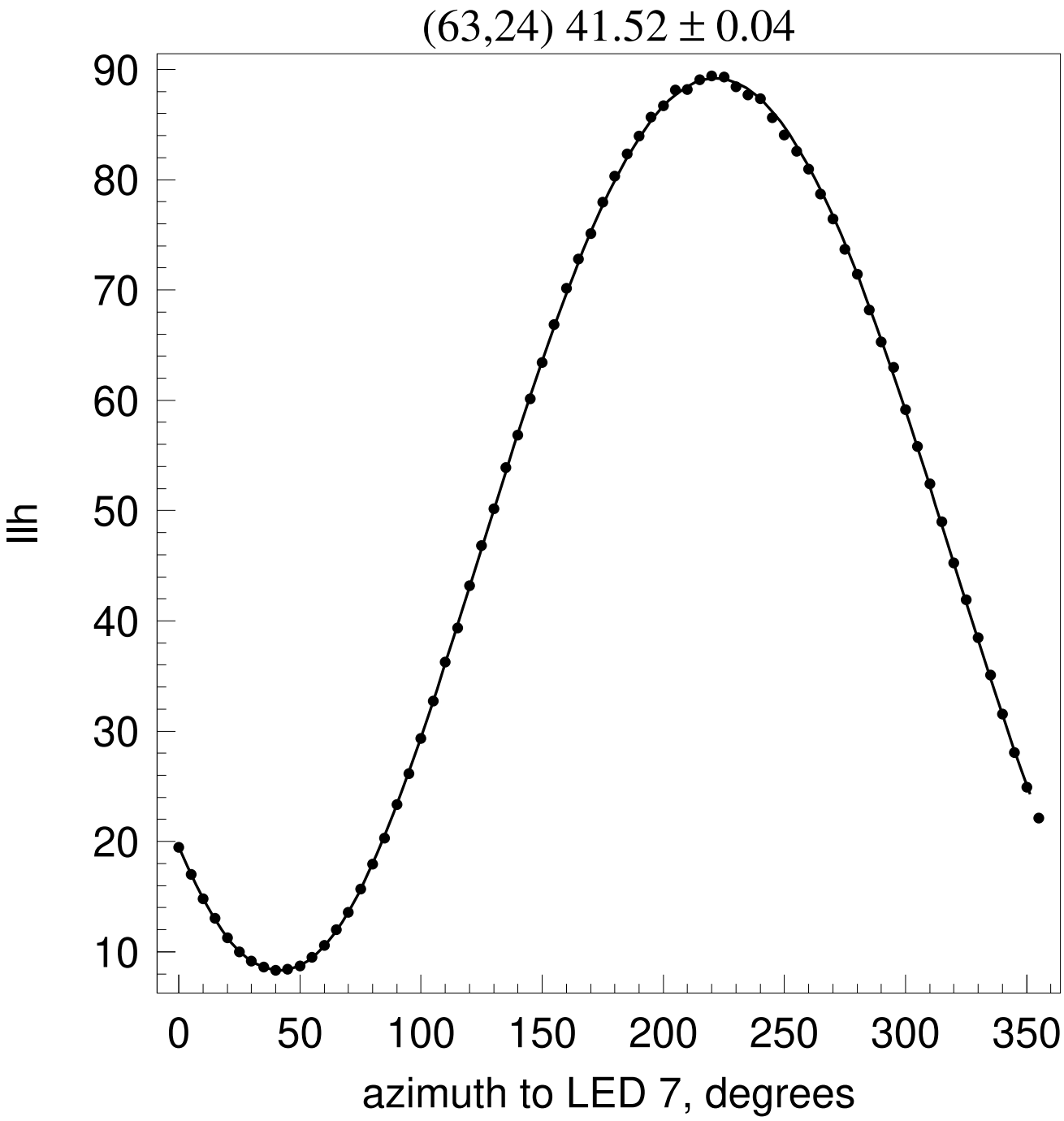

(63,19) 237.03 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

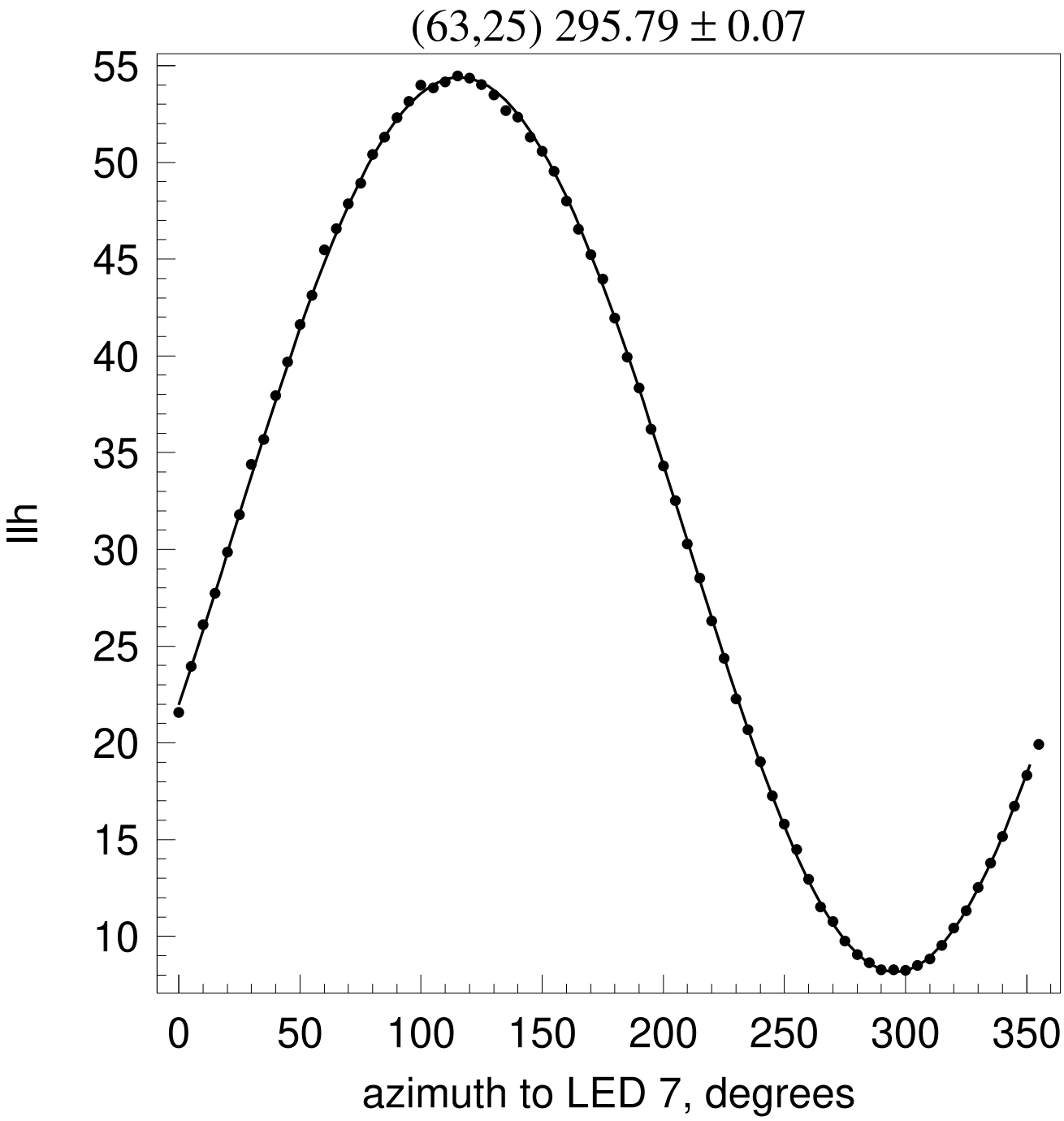

(63,20) 229.83 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

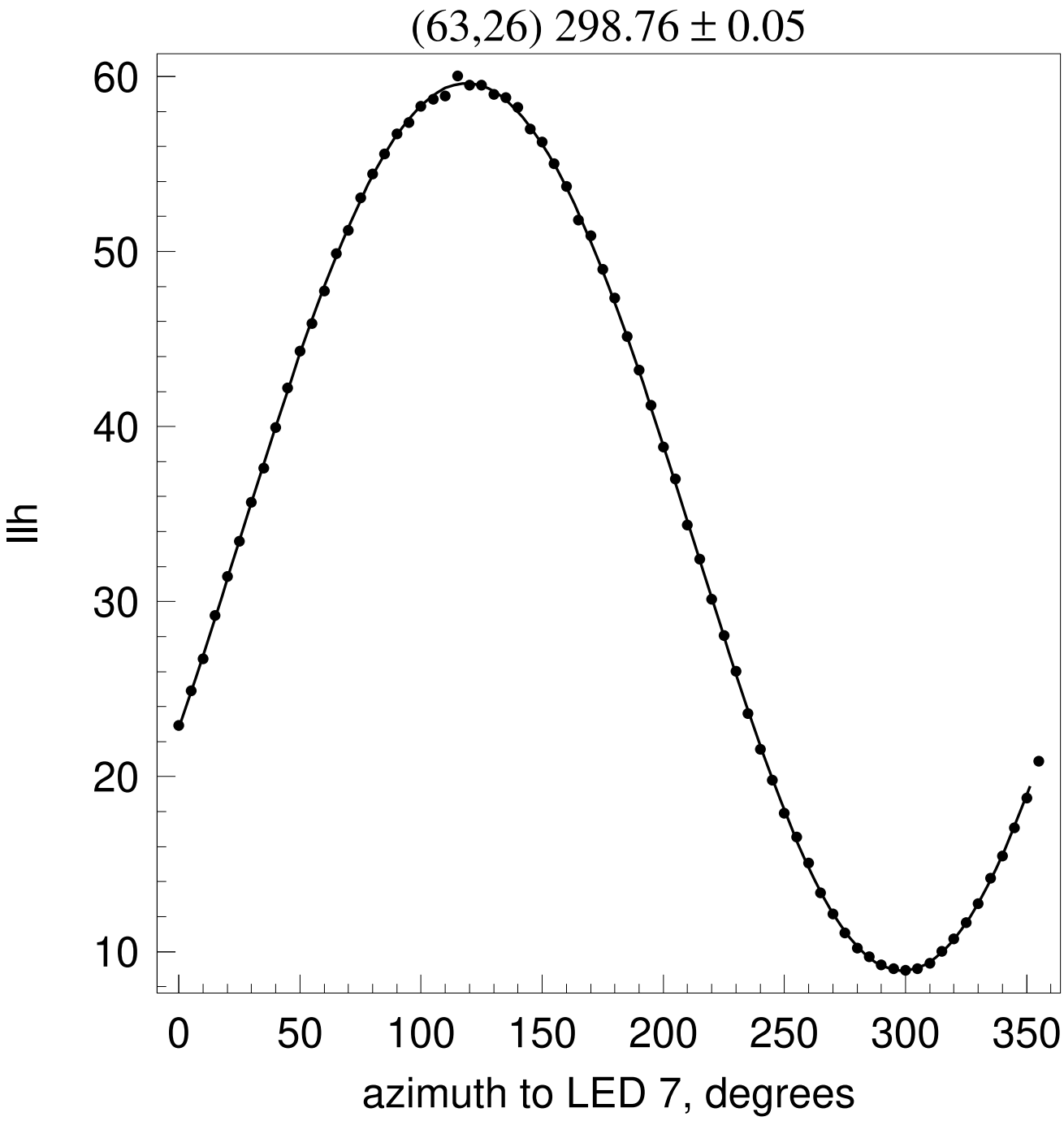

(63,21) 128.62 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

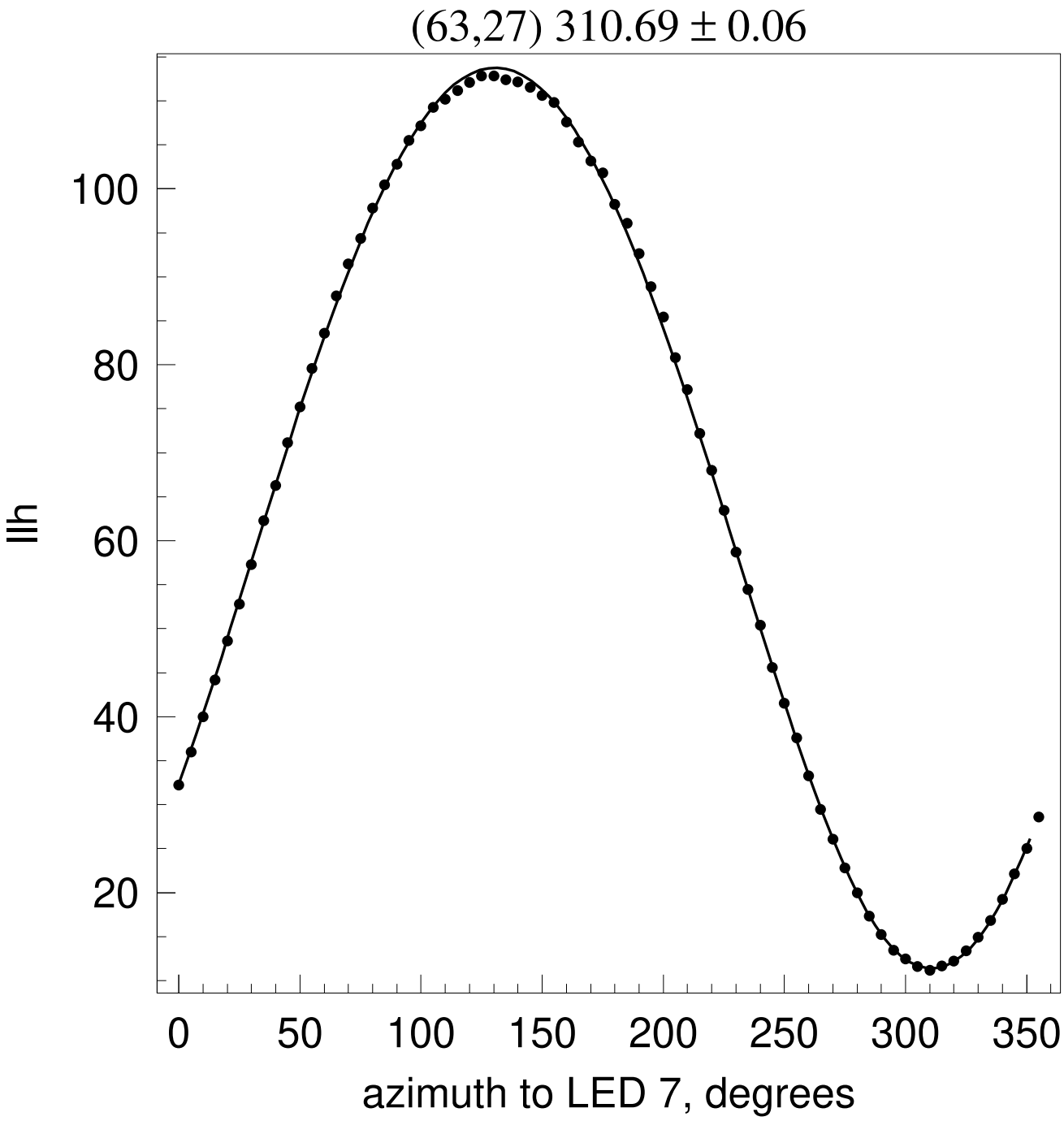

(63,22) 146.19 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

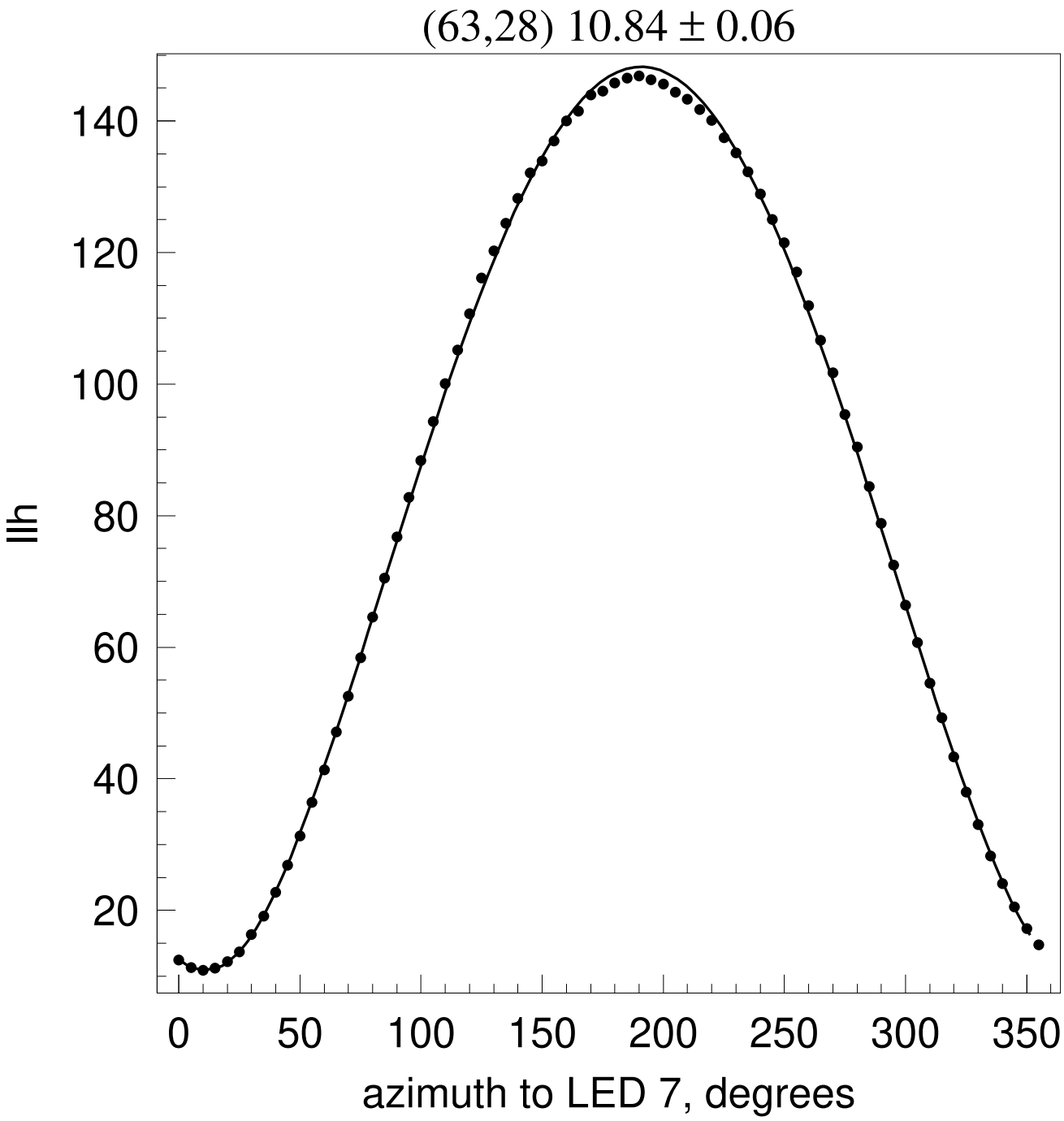

(63,23) 28.91 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

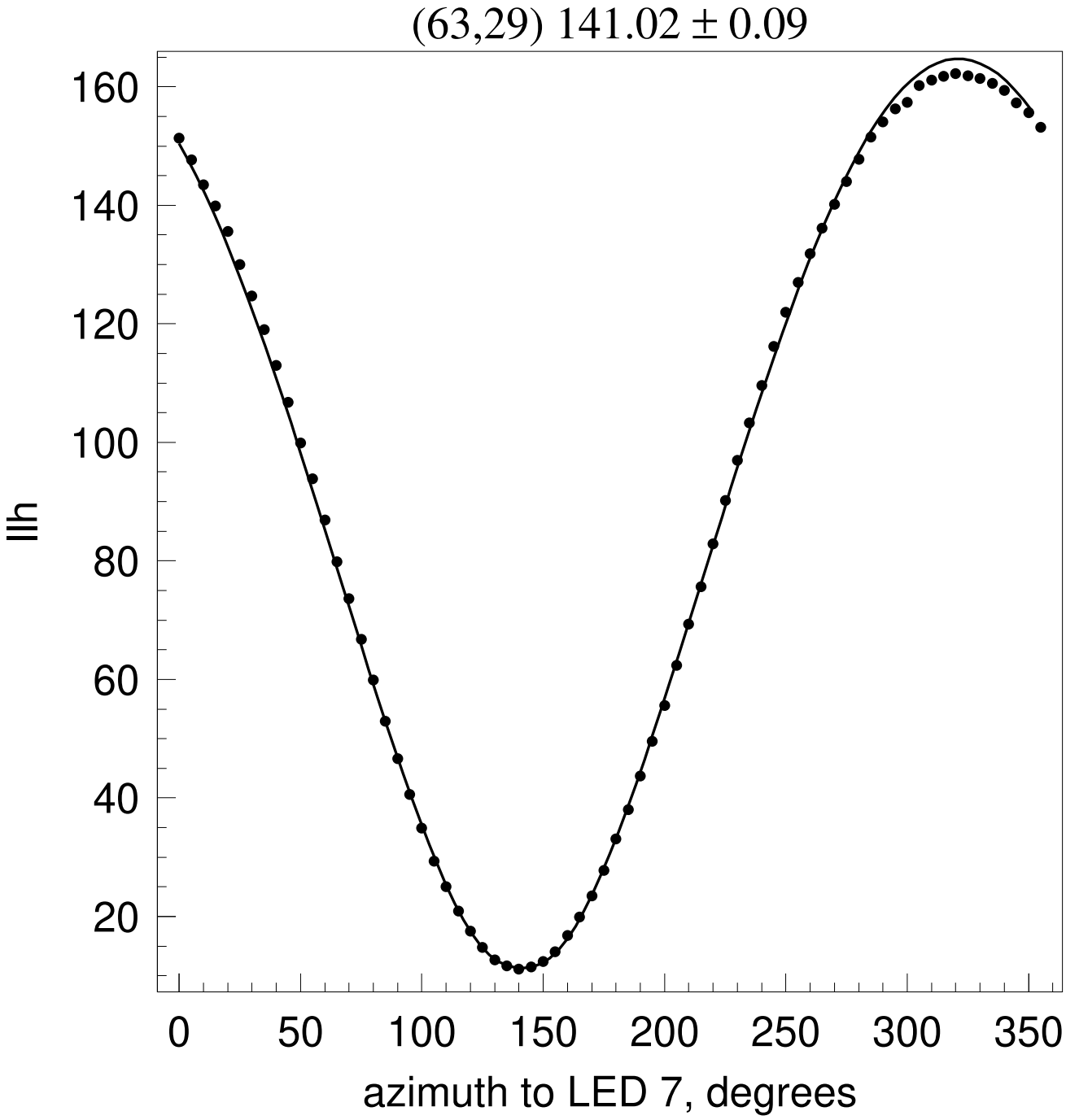

(63,24) 41.52 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

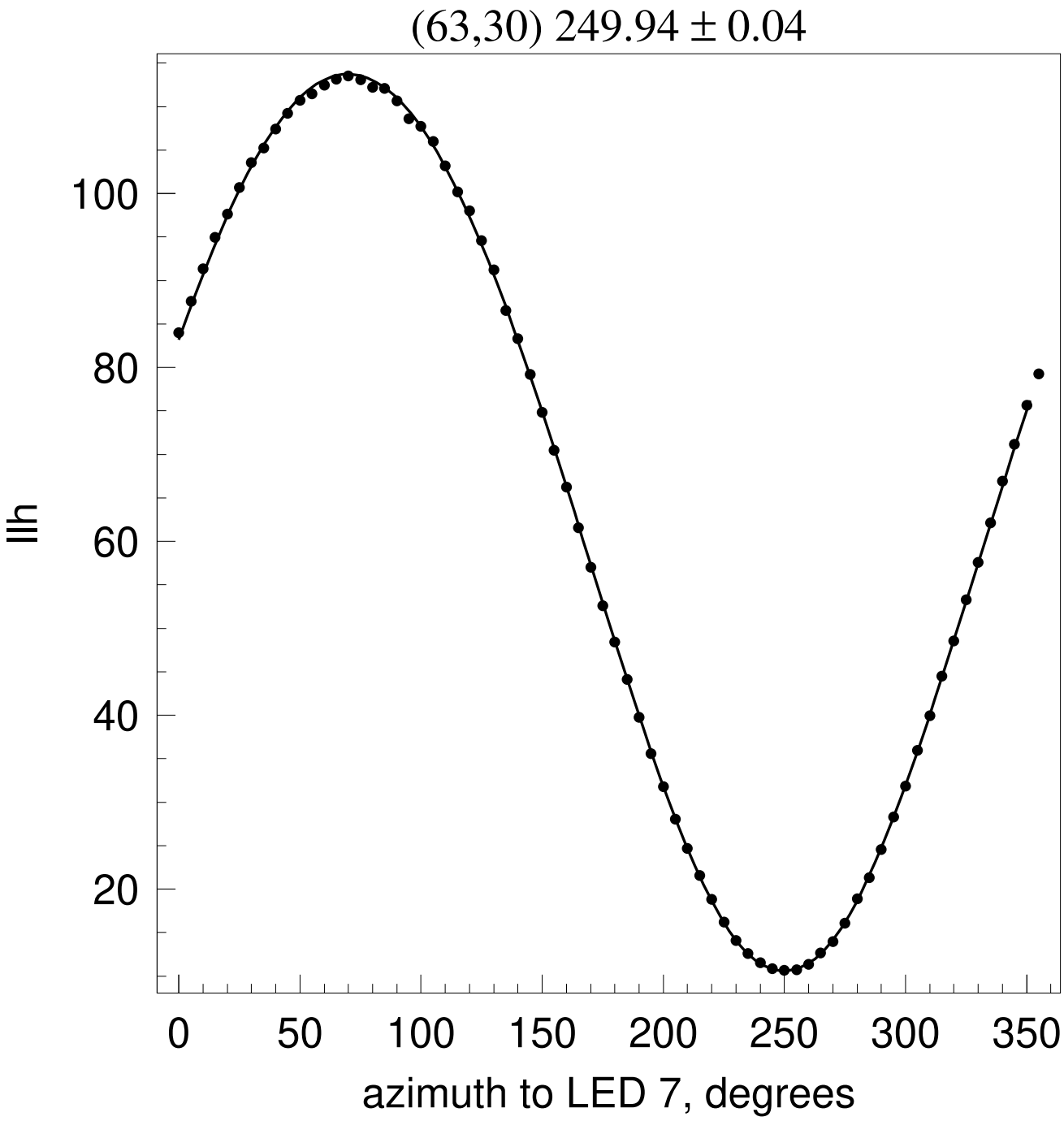

(63,25) 295.79 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

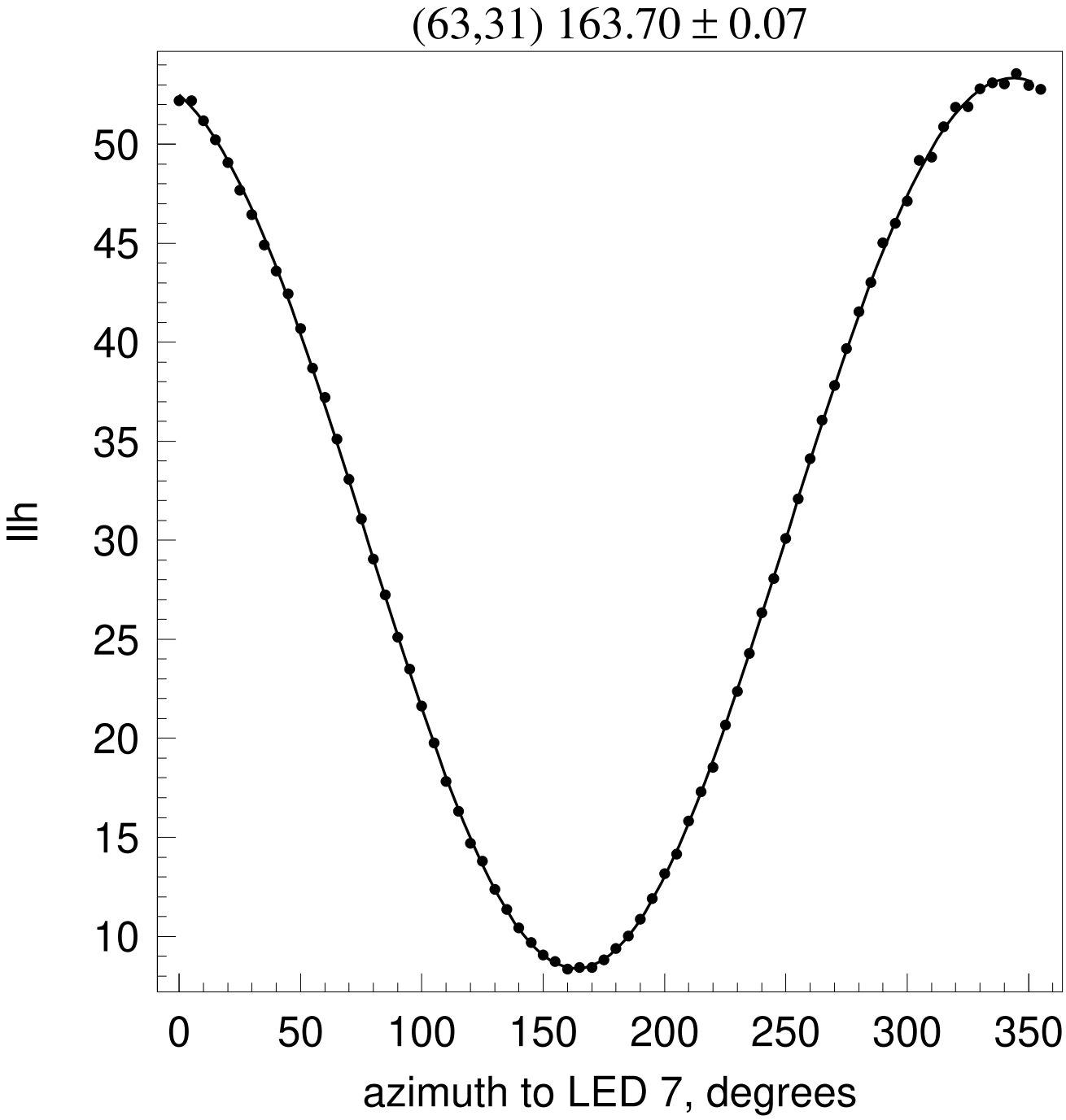

(63,26) 298.76 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

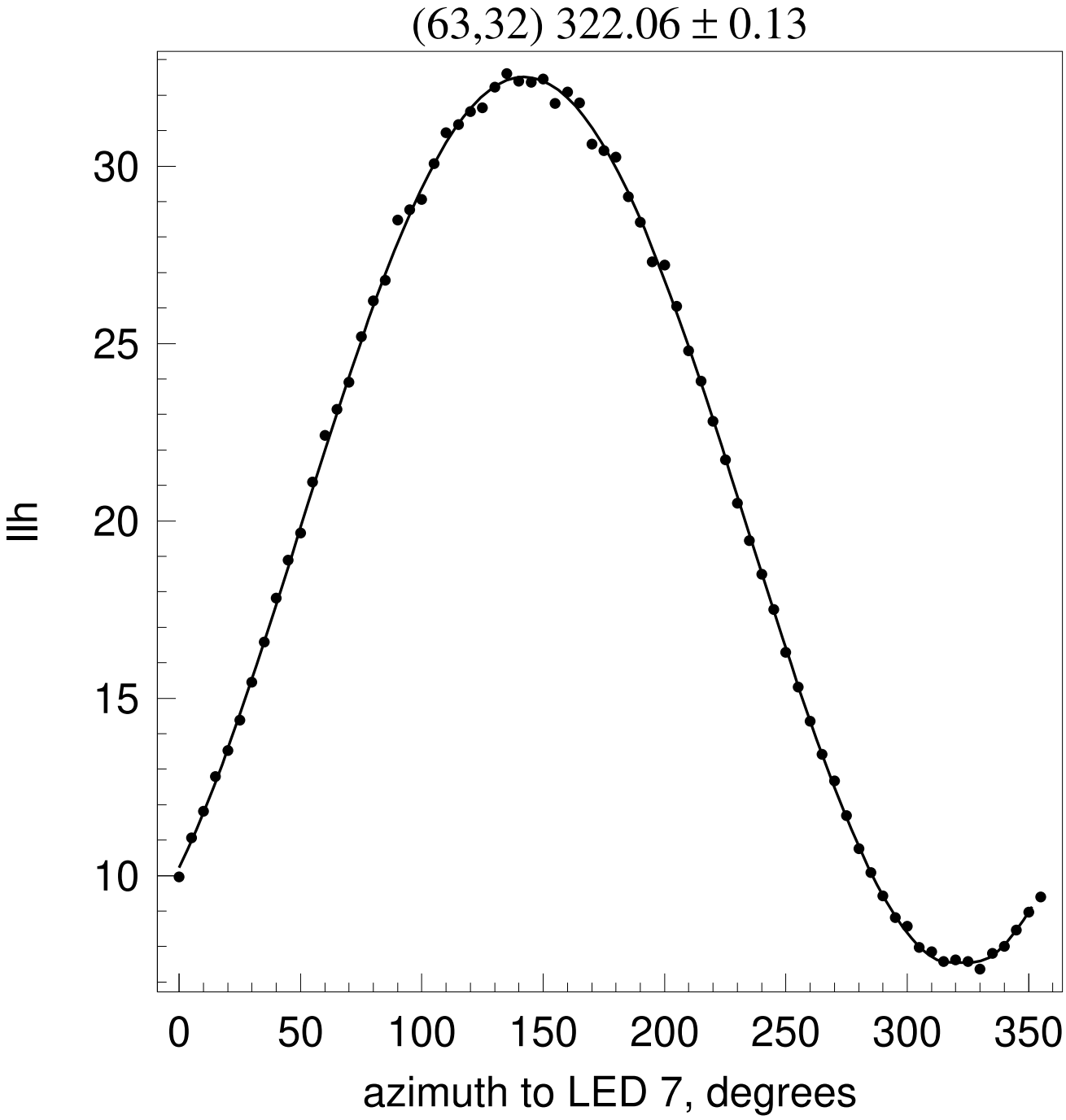

(63,27) 310.69 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

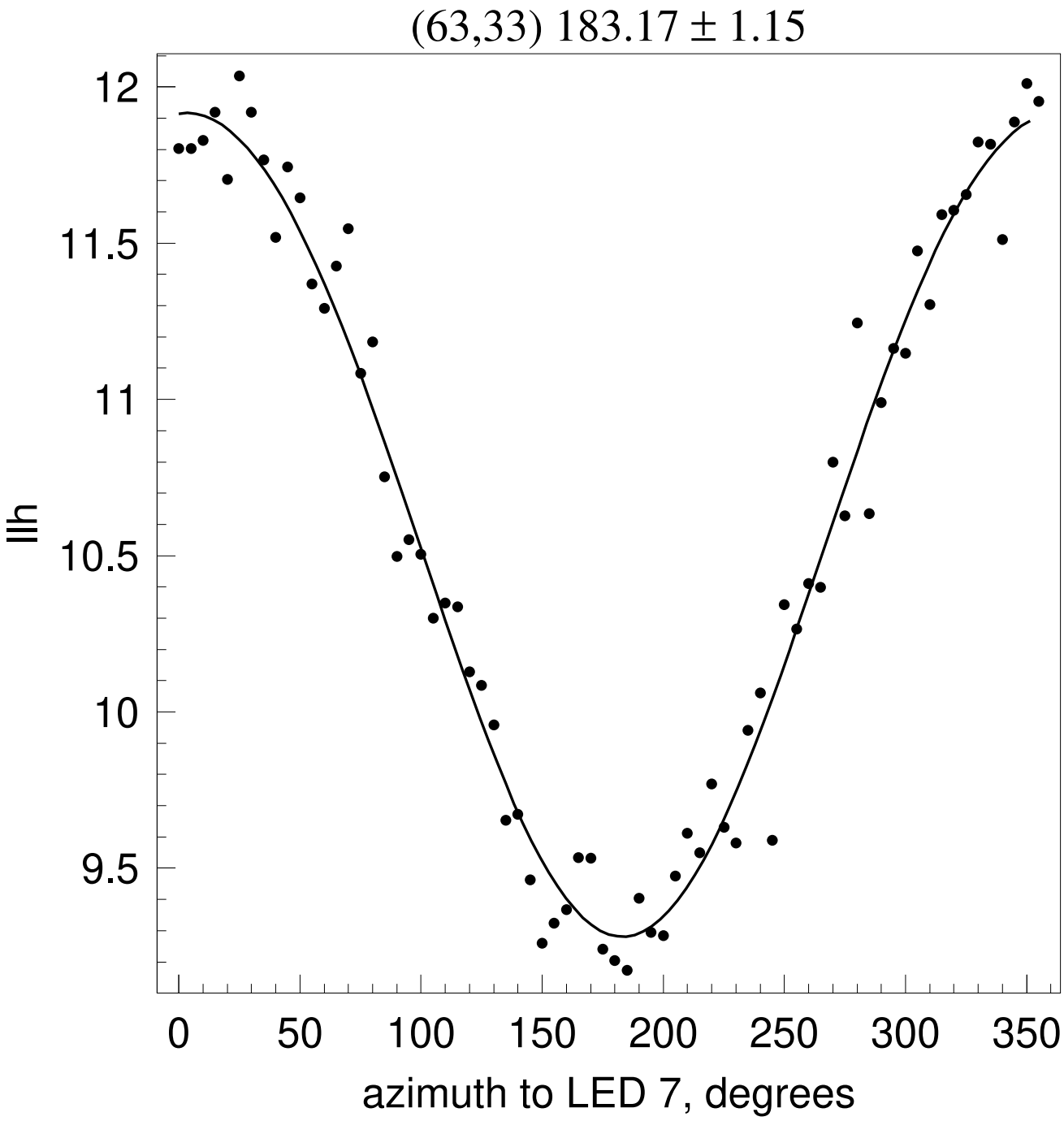

(63,28) 10.84 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

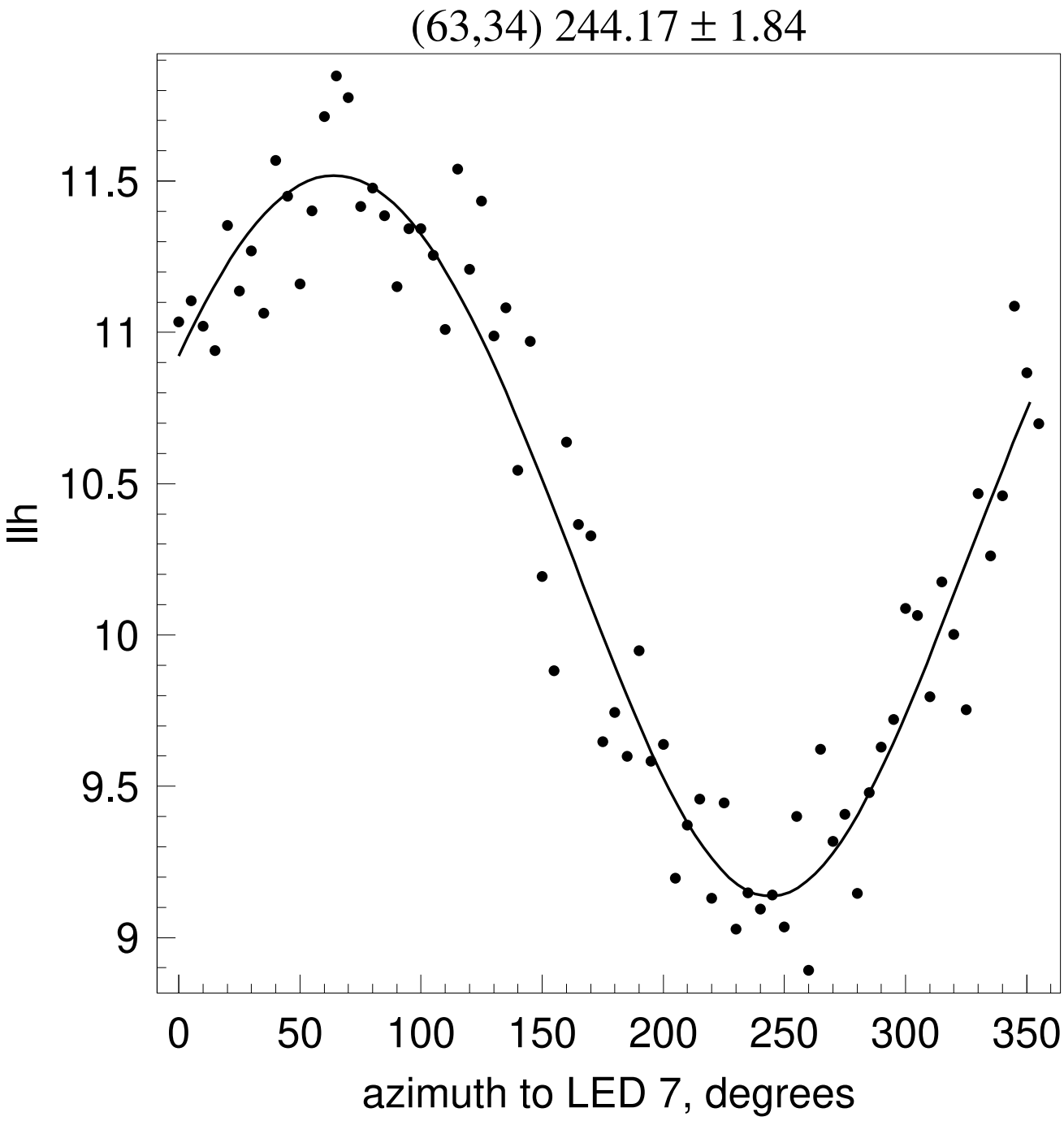

(63,29) 141.02 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

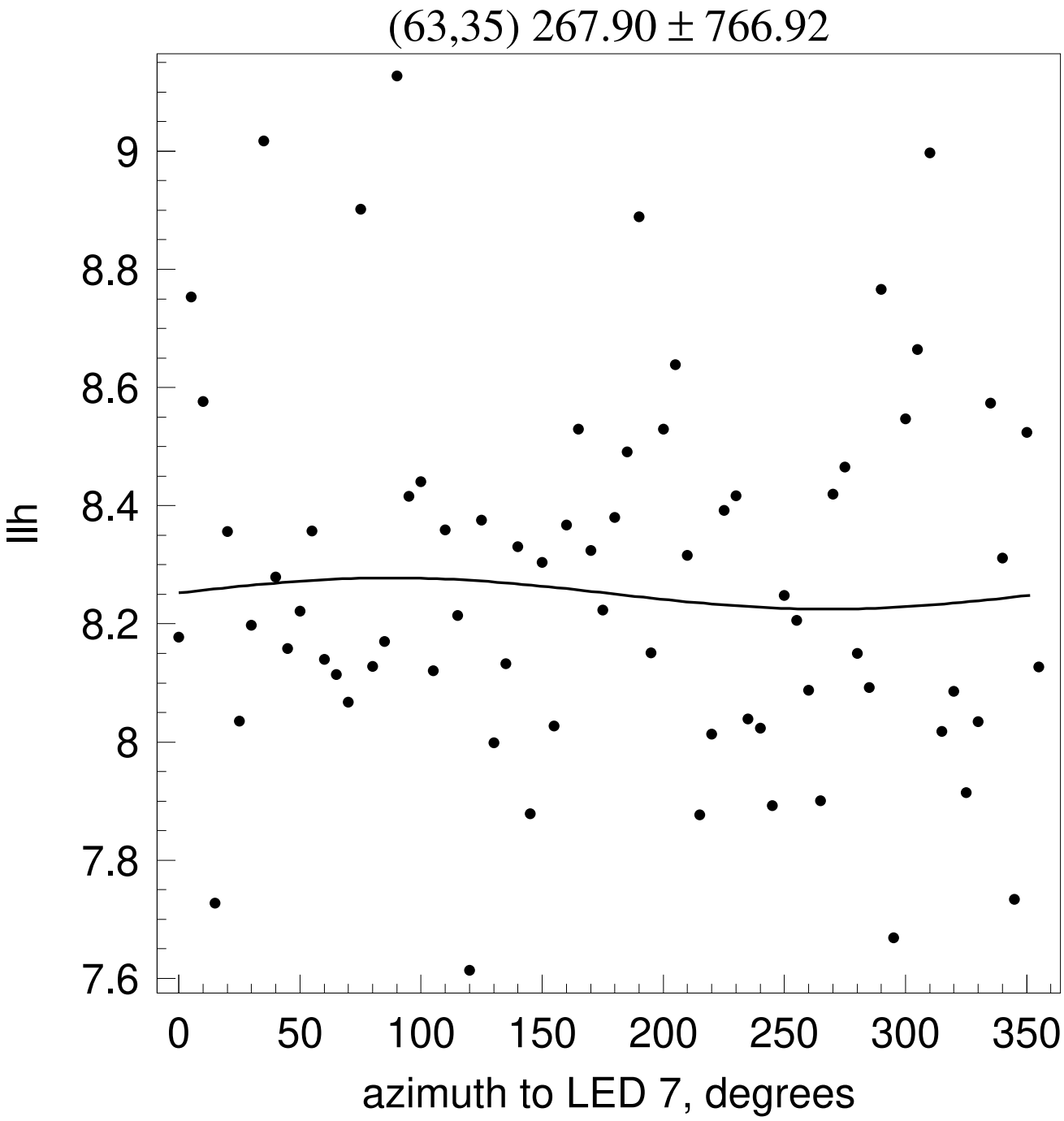

(63,30) 249.94 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

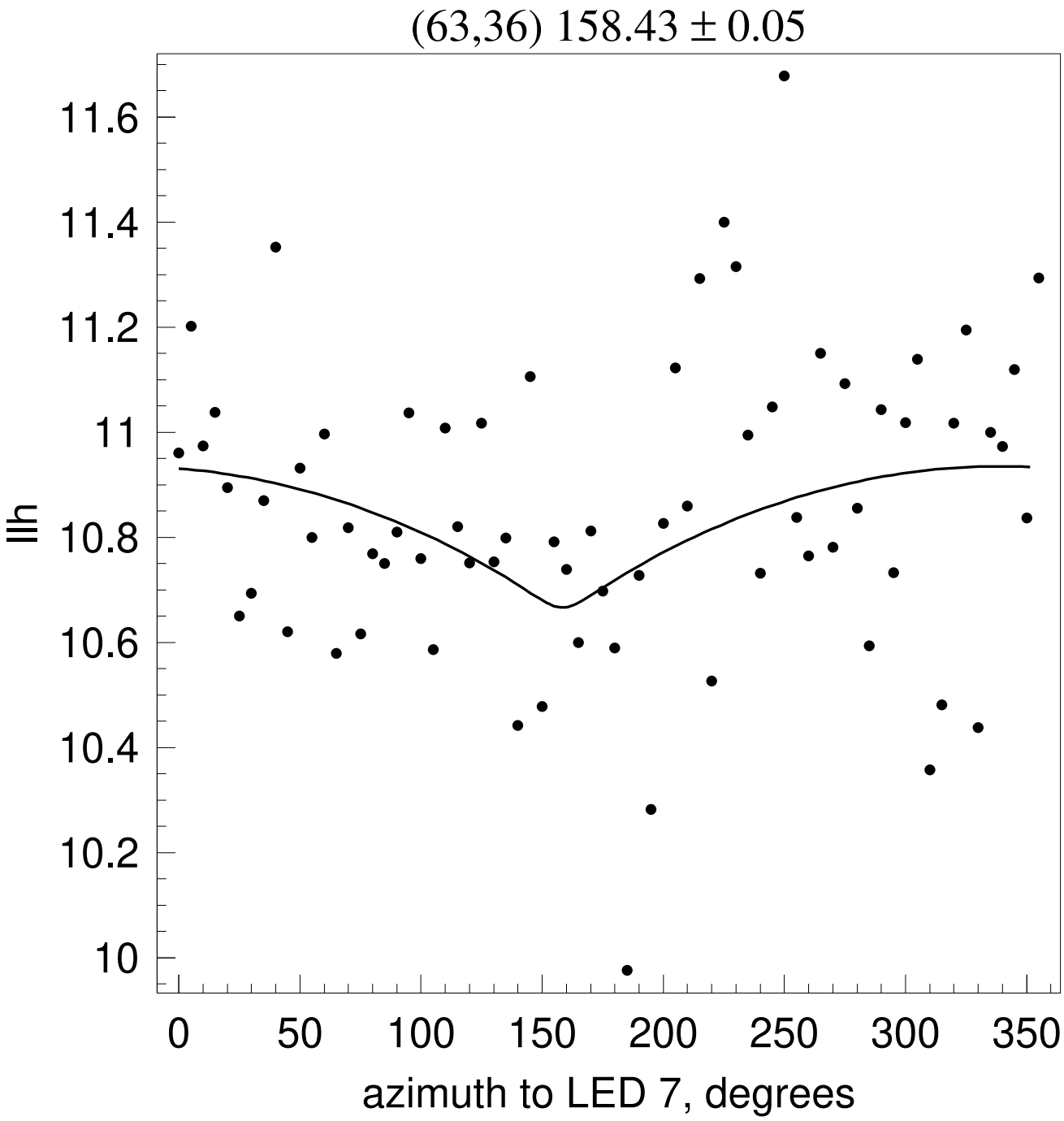

(63,31) 163.70 ± 0.07
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

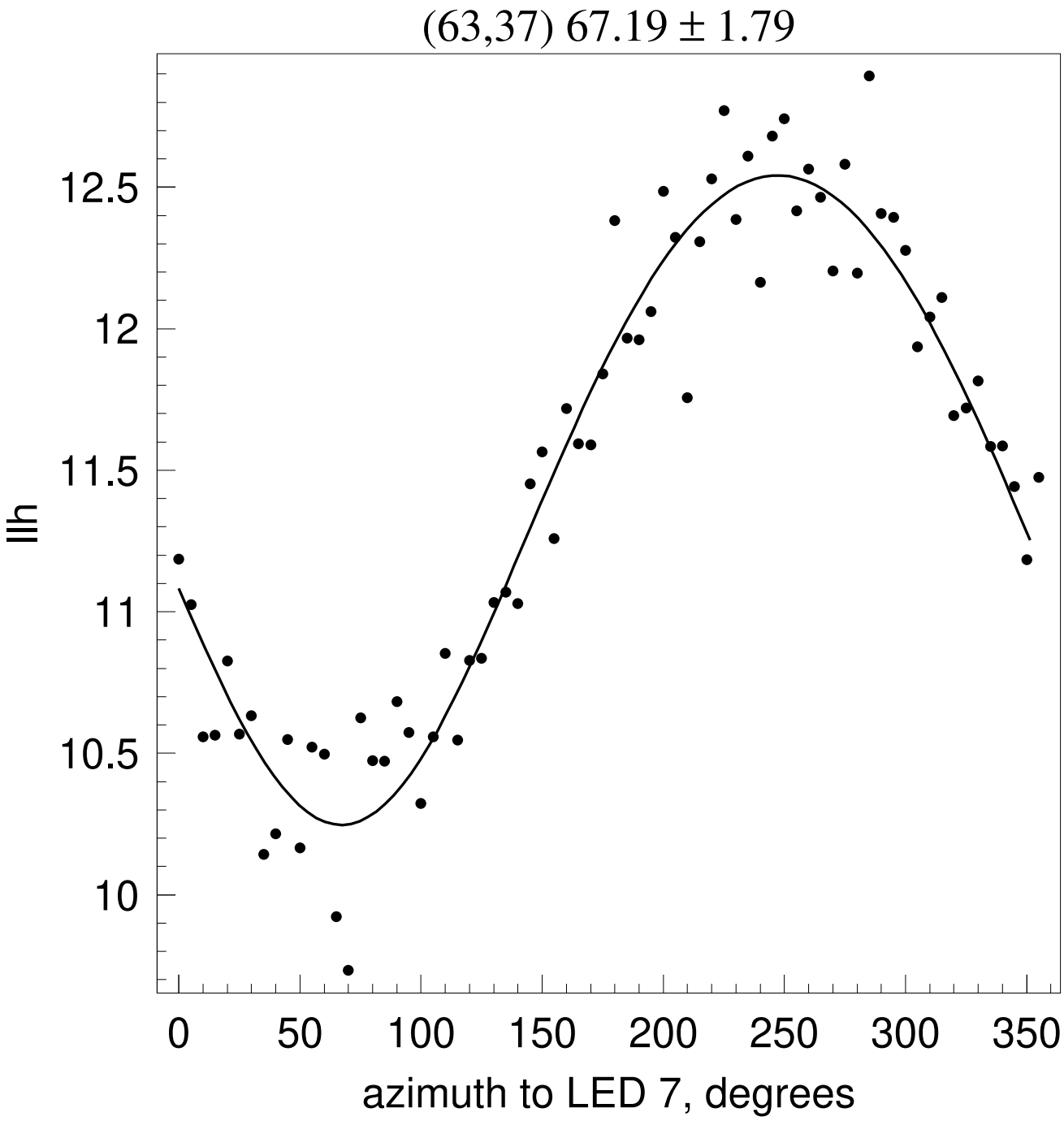

(63,32) 322.06 ± 0.13
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

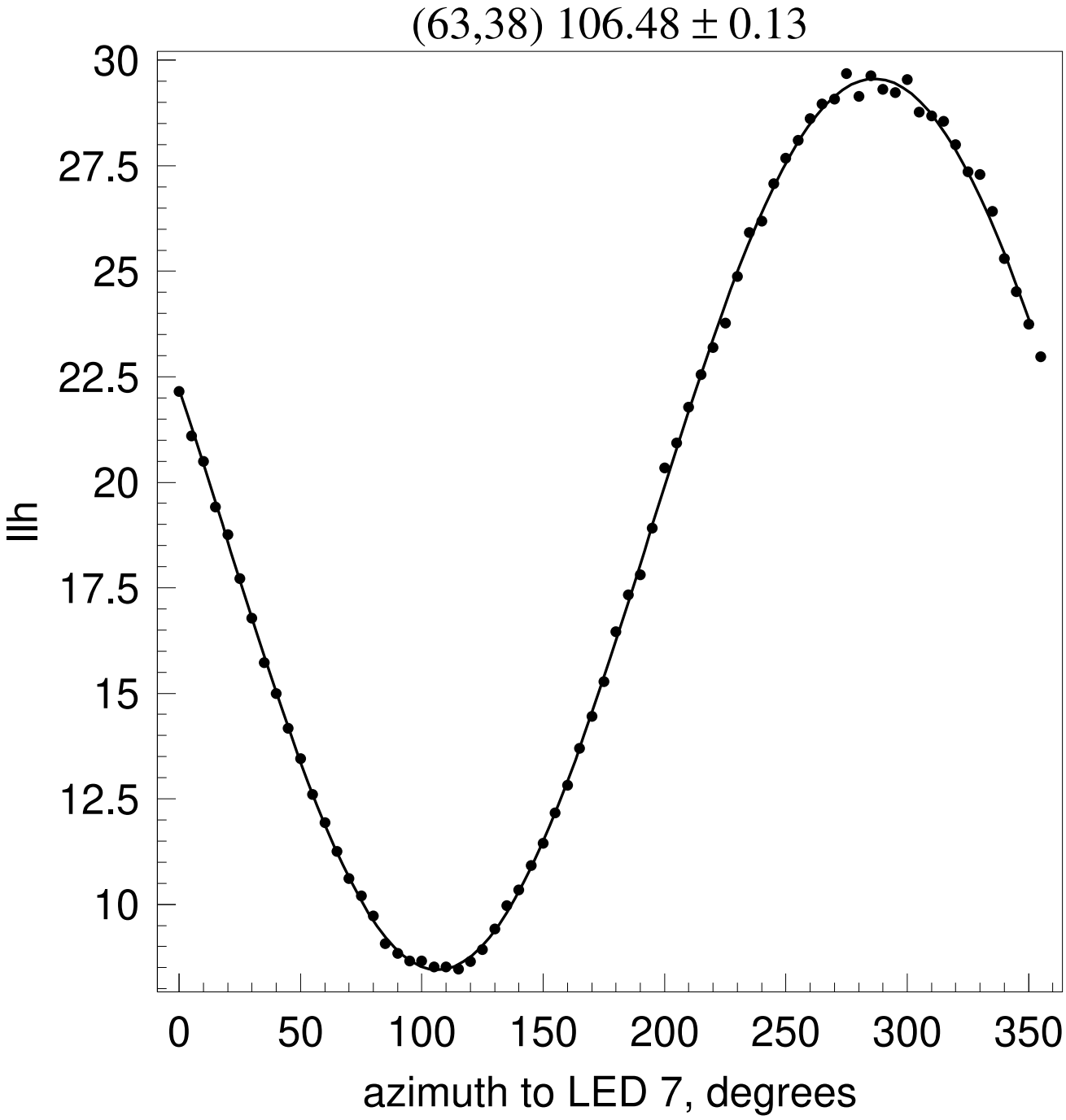

(63,33) 183.17 ± 1.15
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

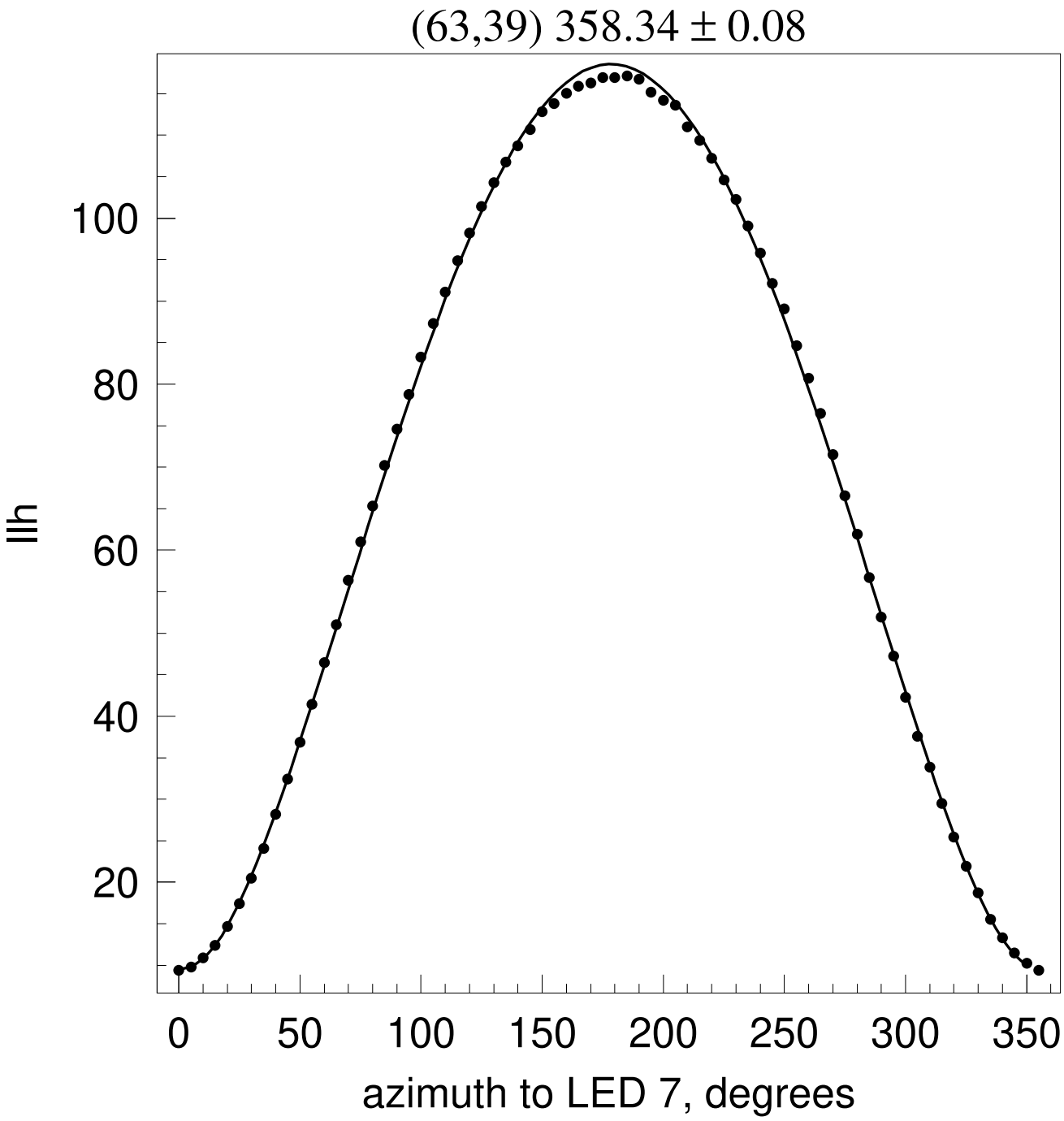

(63,34) 244.17 ± 1.84
11.5
11
10.5
10
9.5
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

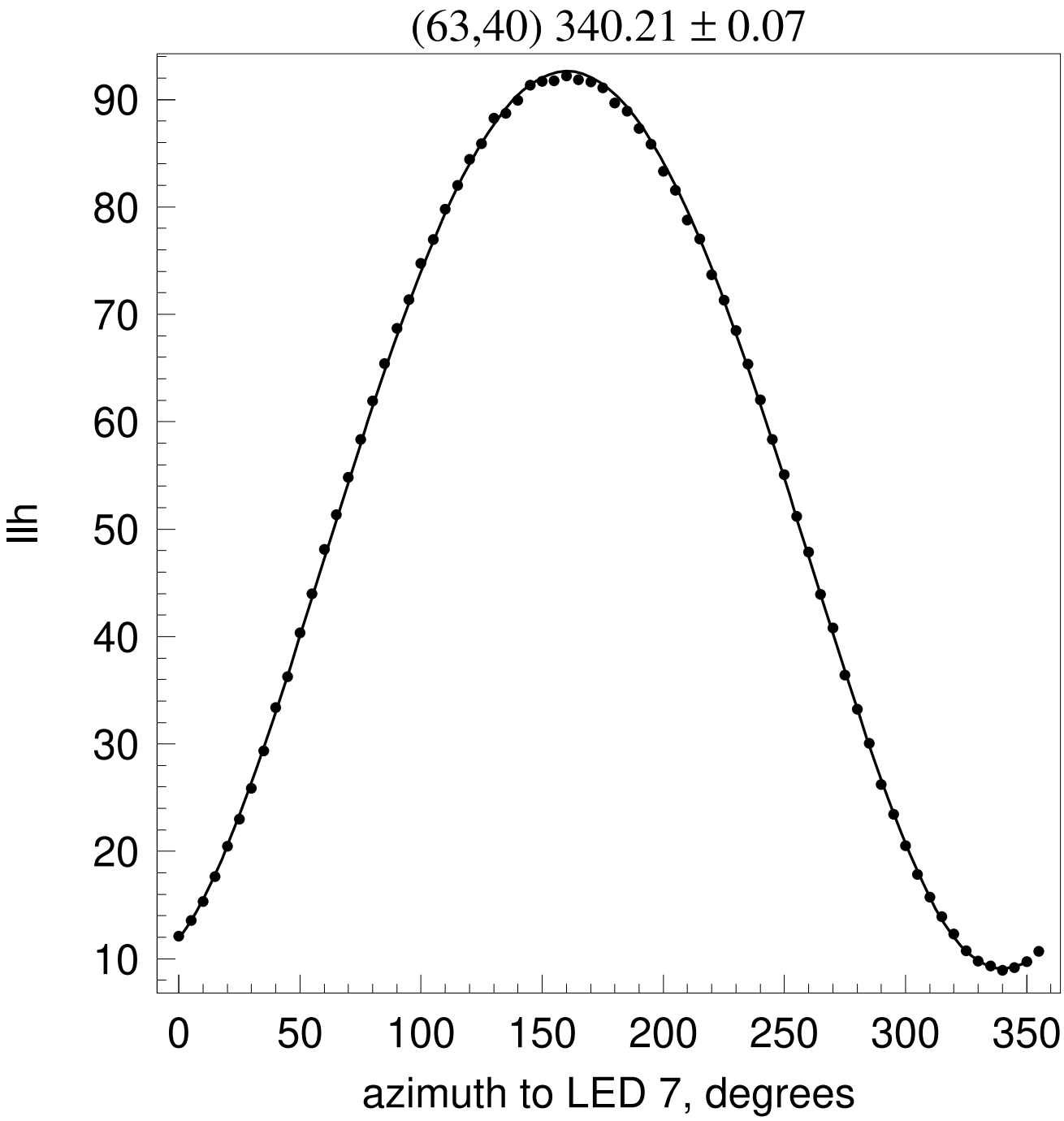

(63,35) 267.90 ± 766.92
9
8.8
8.6
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

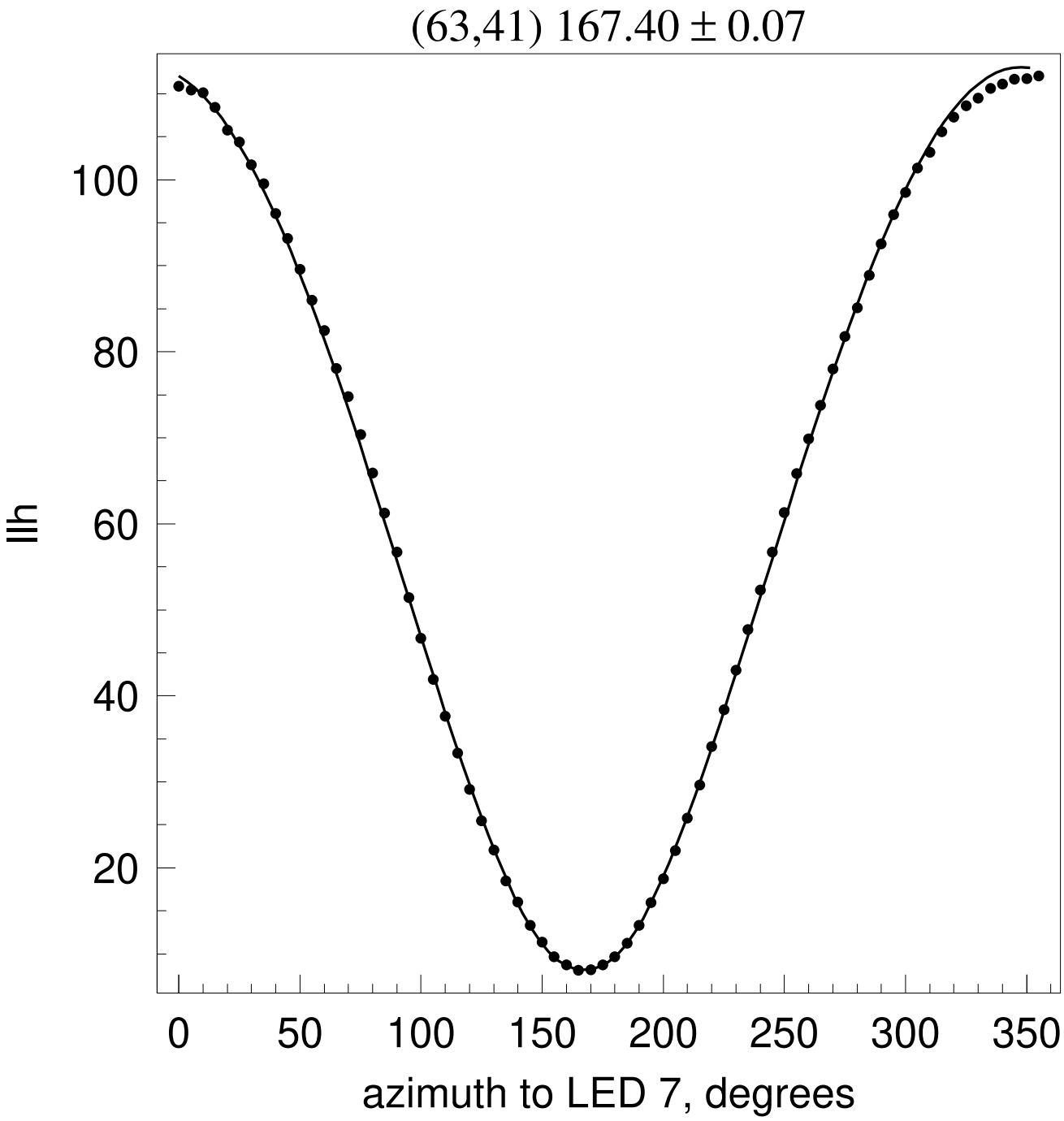

(63,36) 158.43 ± 0.05
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

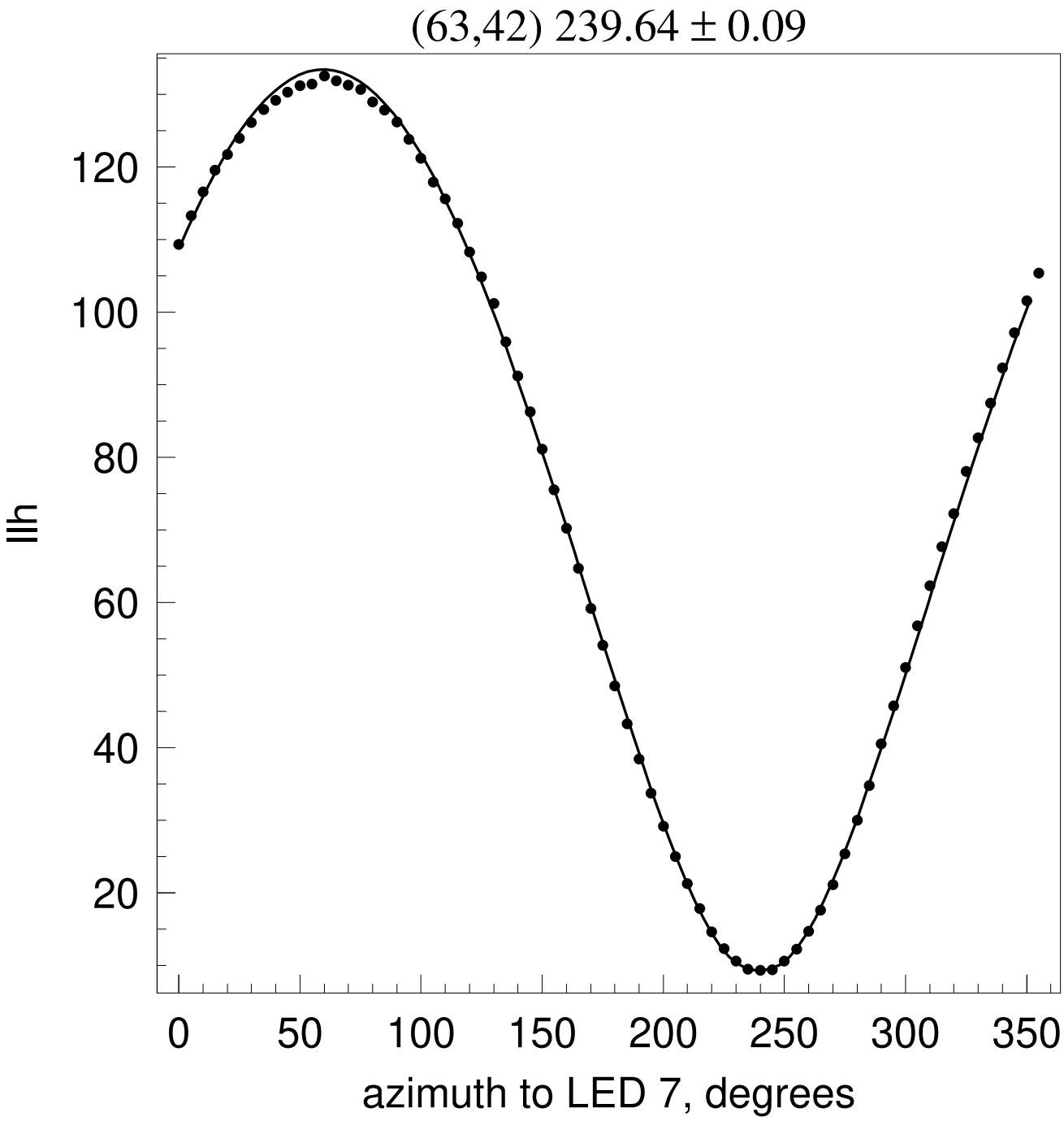

(63,37) 67.19 ± 1.79
12.5
12
11.5
11
10.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

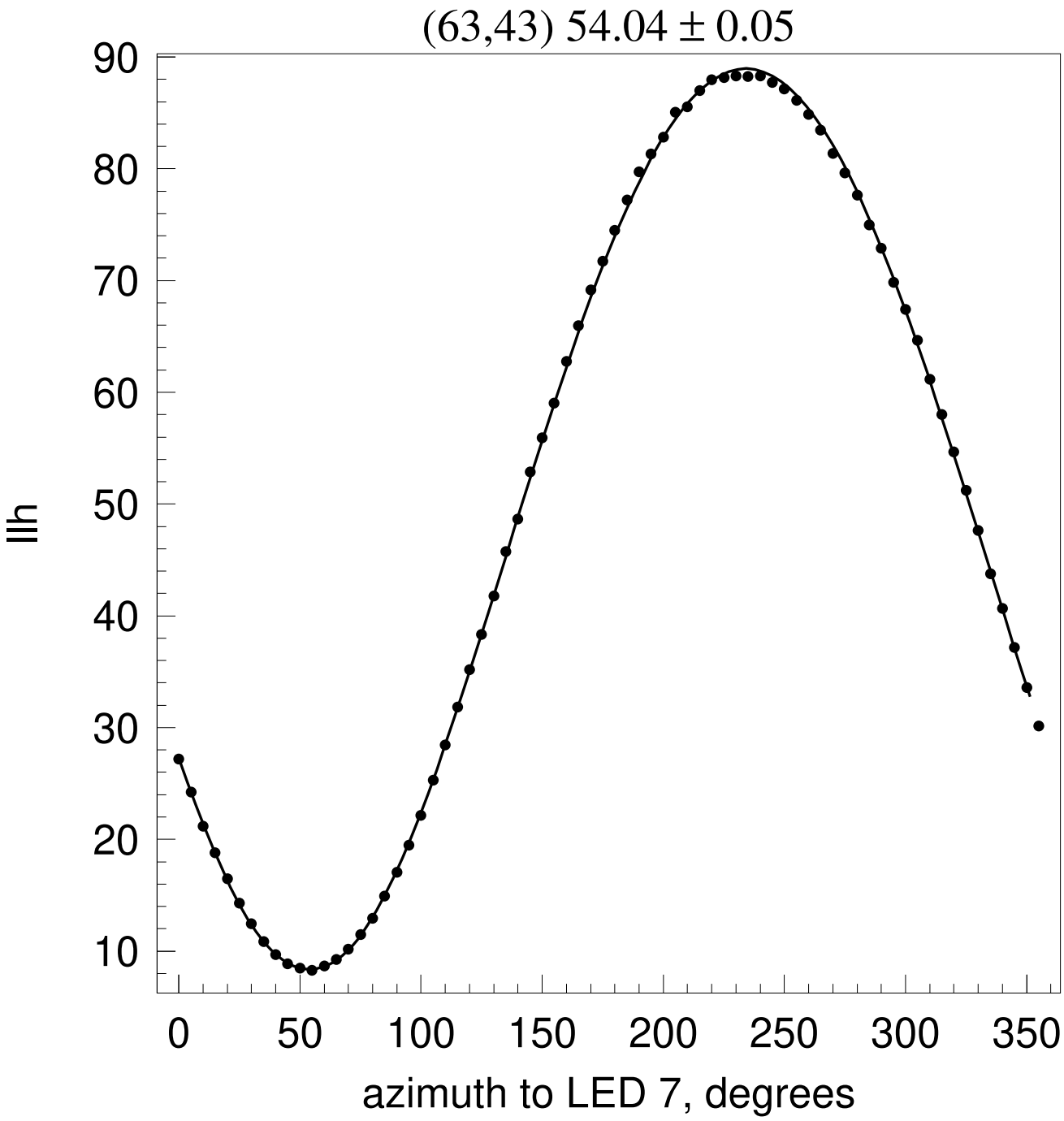

(63,38) 106.48 ± 0.13
30
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

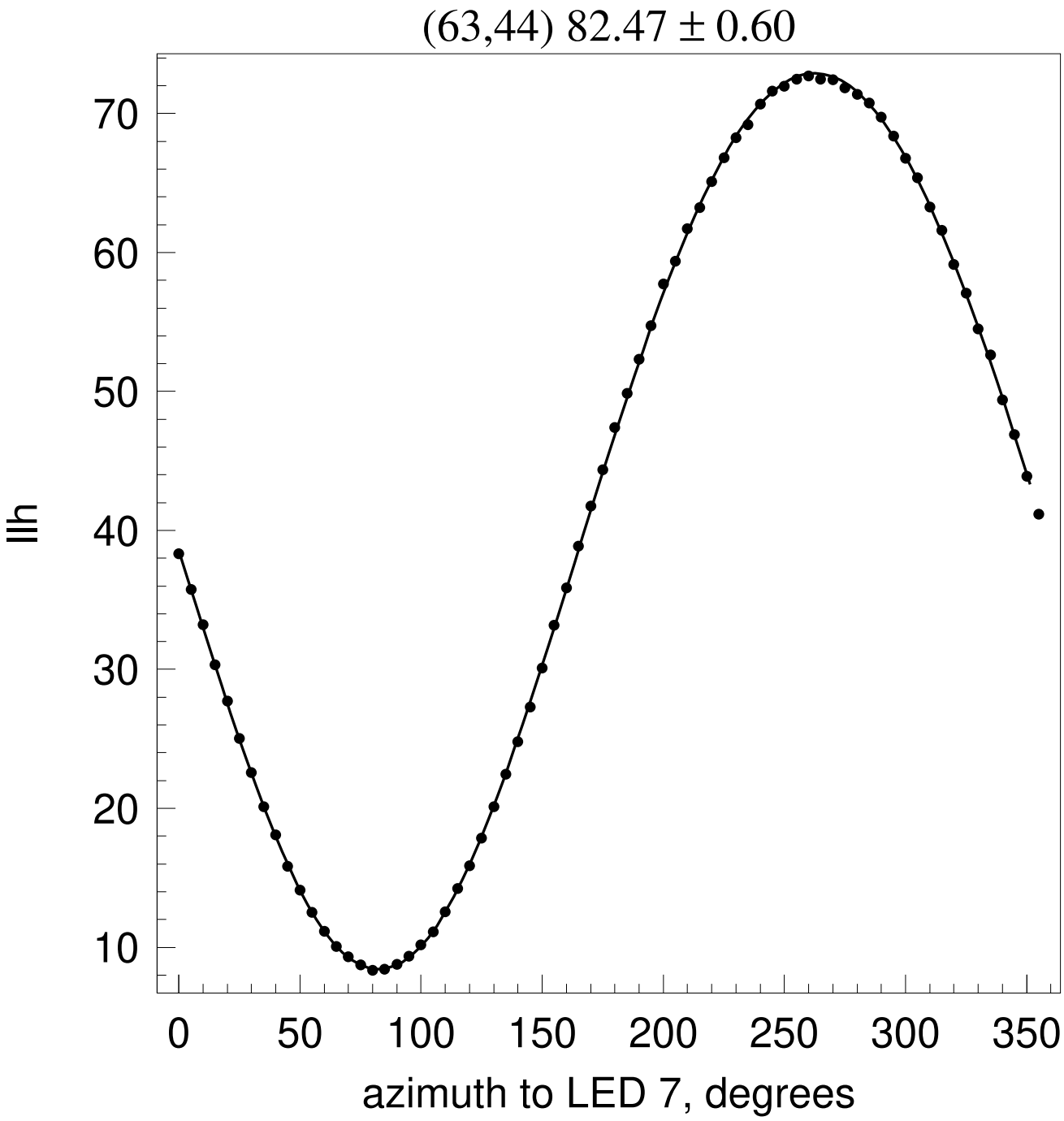

(63,39) 358.34 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

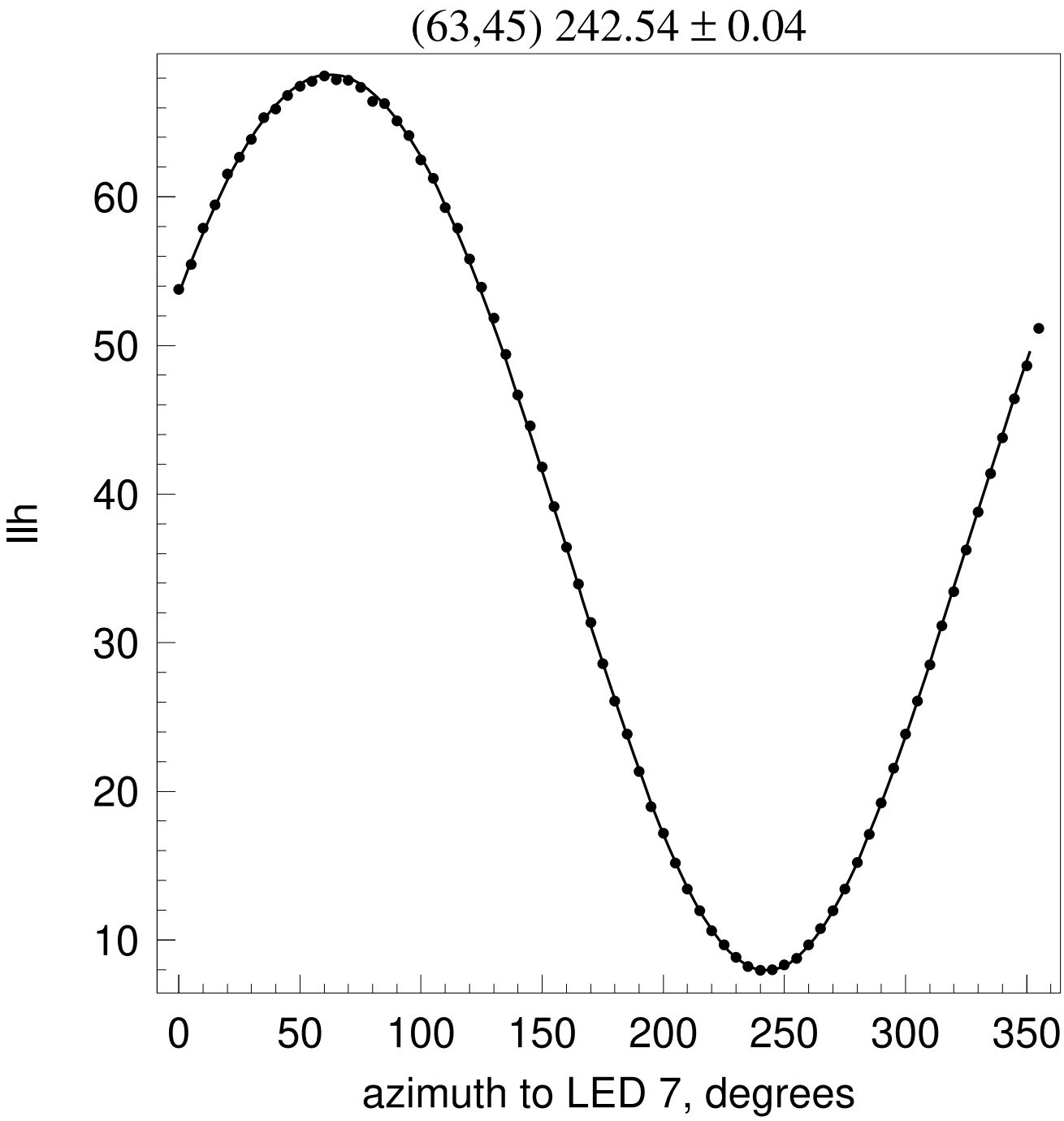

(63,40) 340.21 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

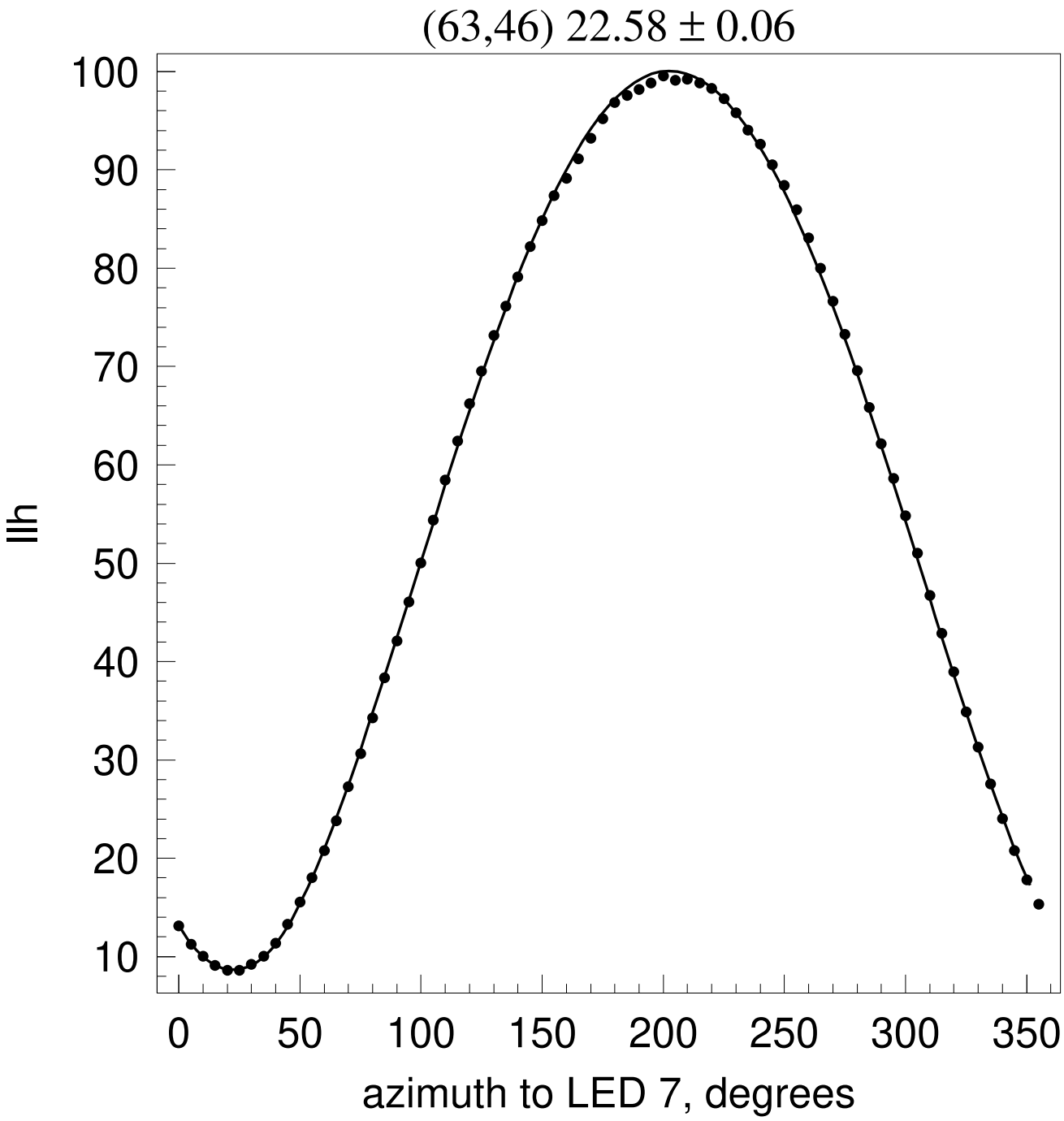

(63,41) 167.40 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

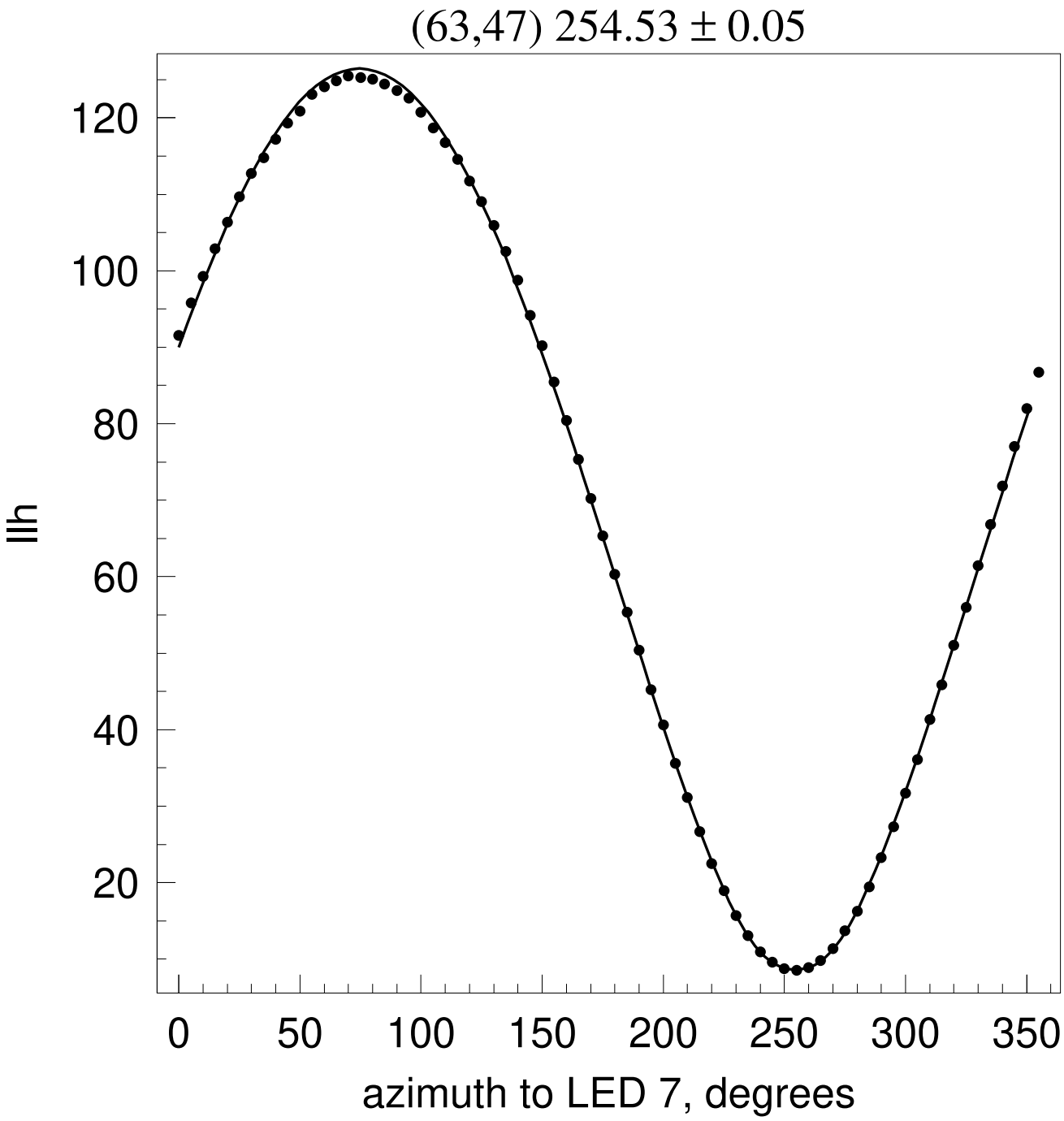

(63,42) 239.64 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

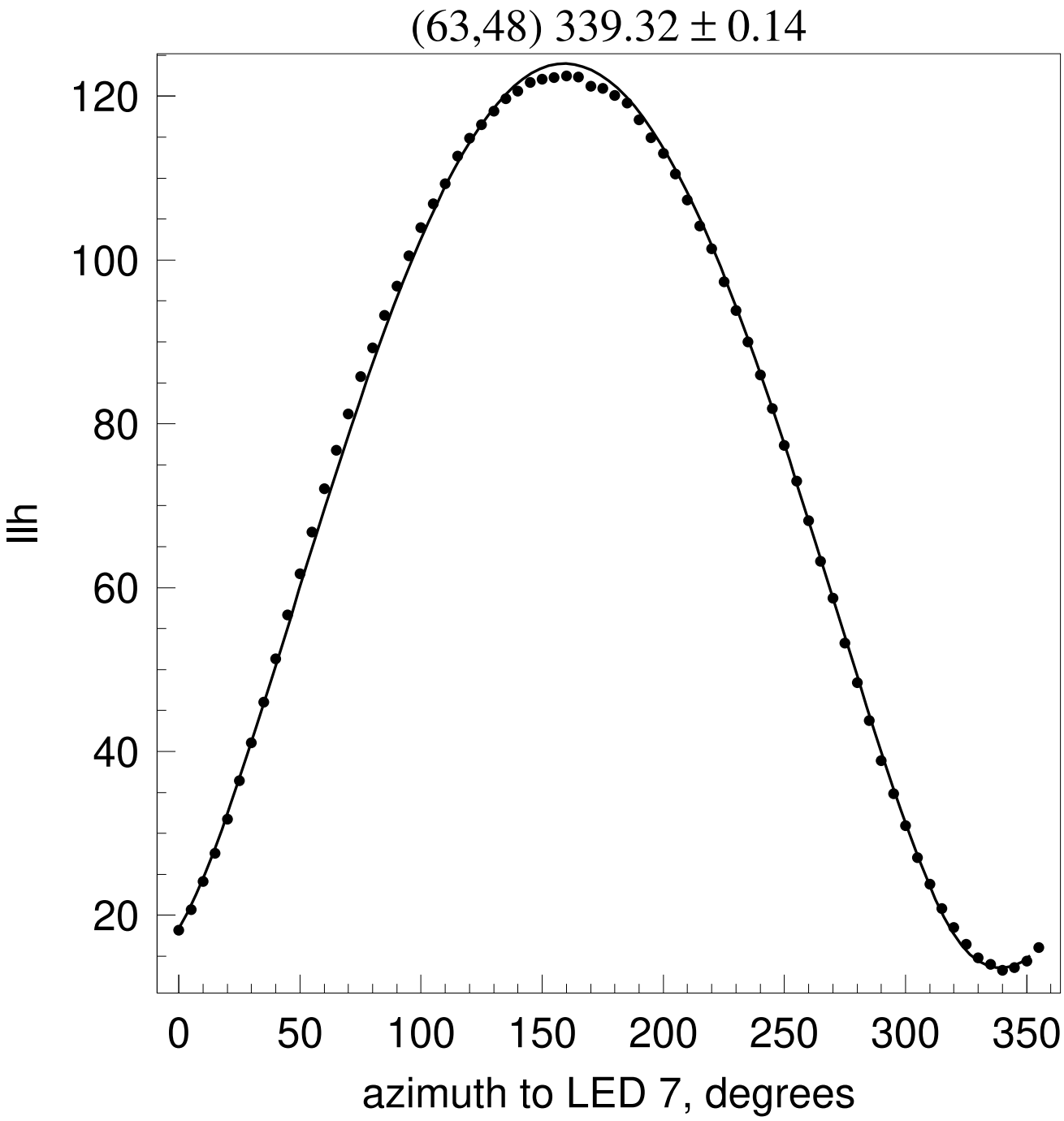

(63,43) 54.04 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

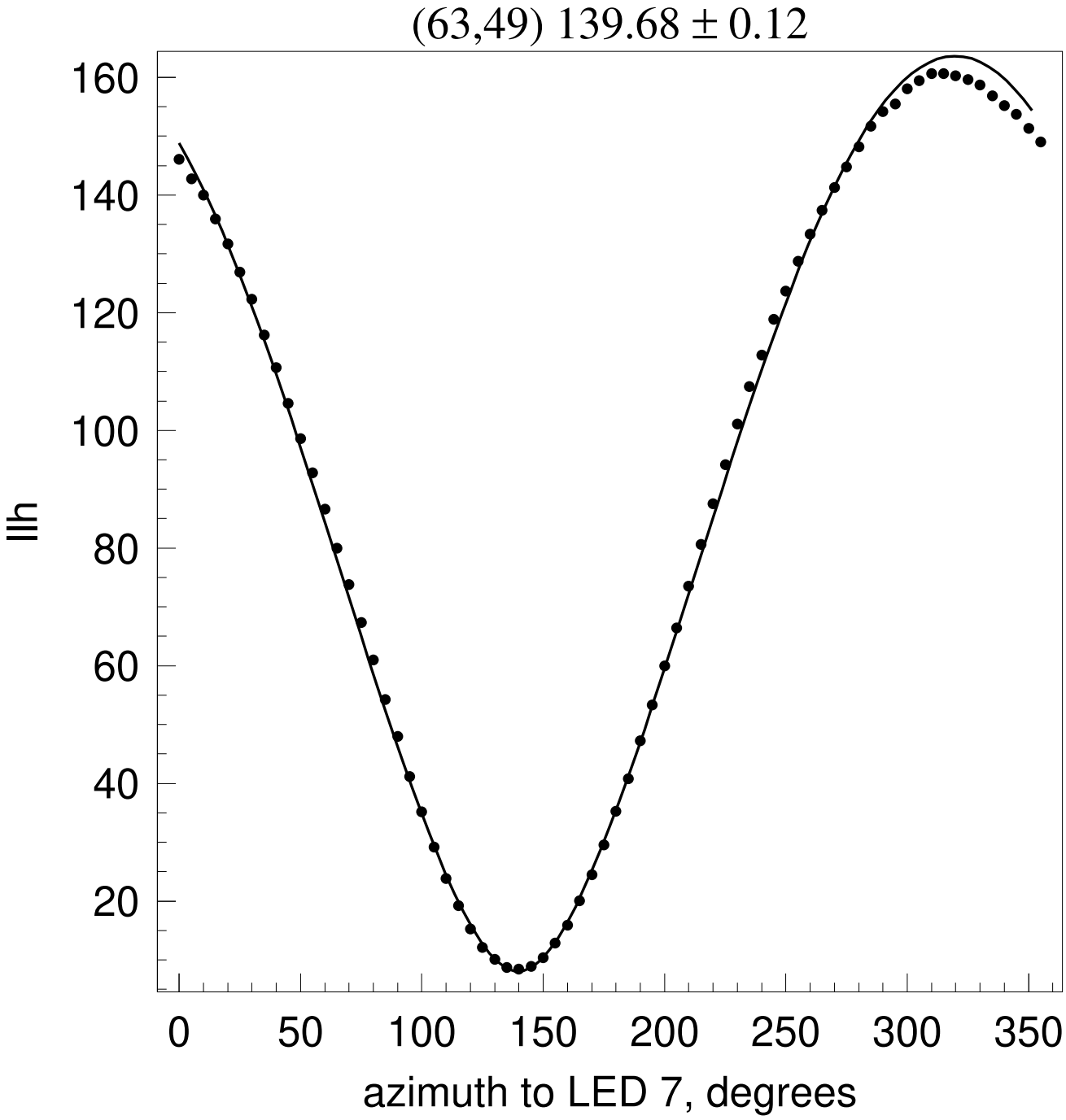

(63,44) 82.47 ± 0.60
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

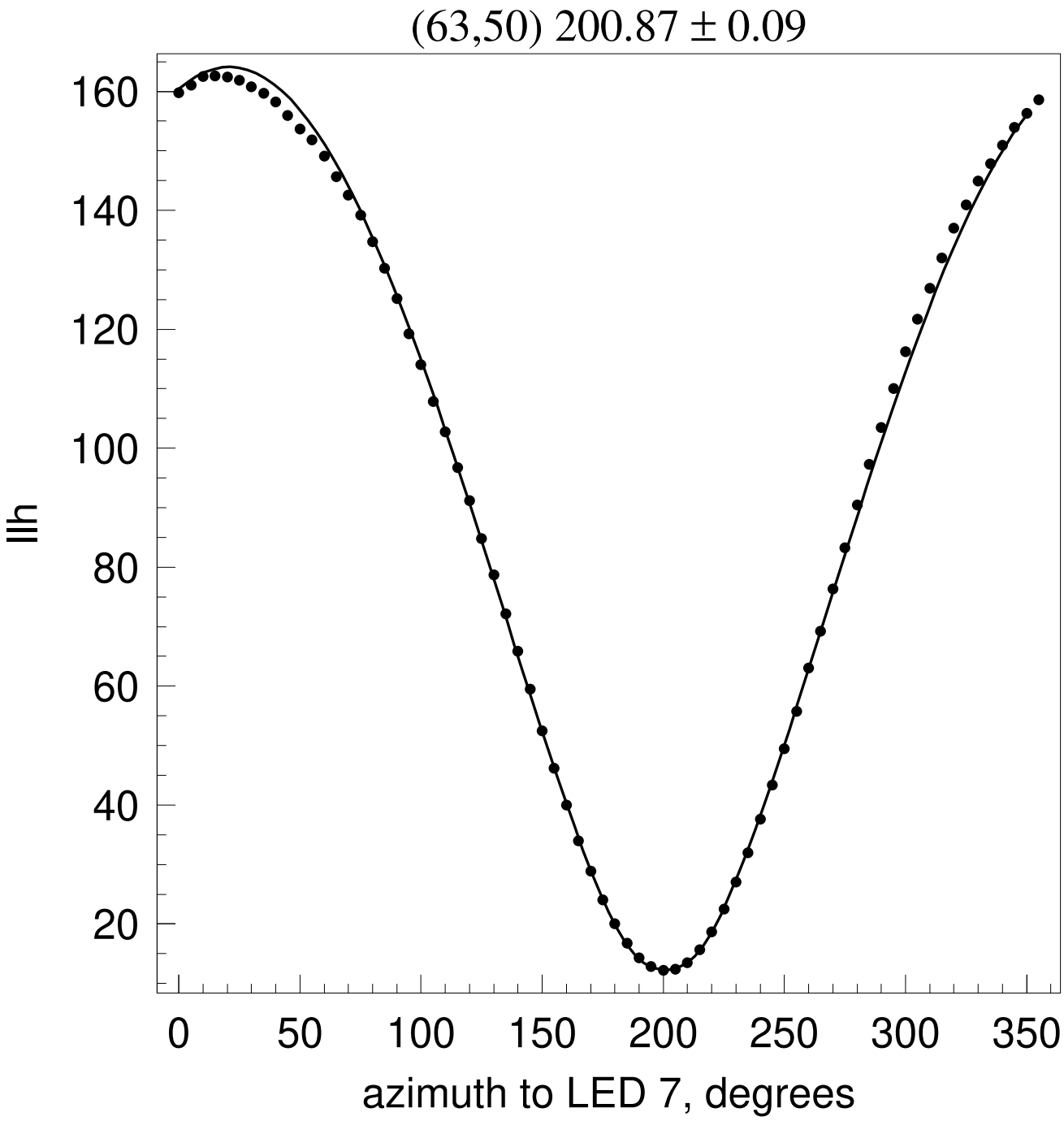

(63,45) 242.54 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

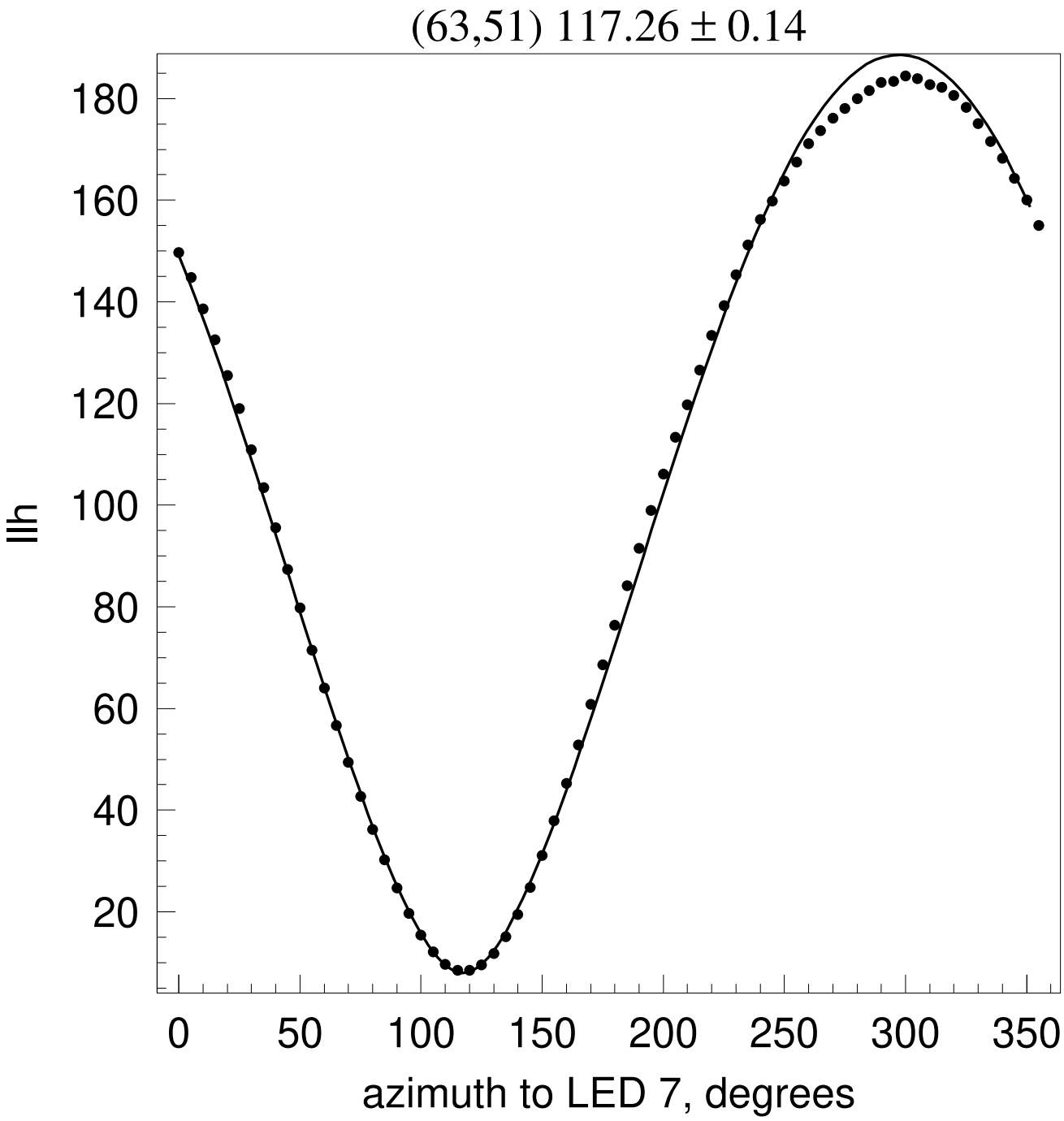

(63,46) 22.58 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

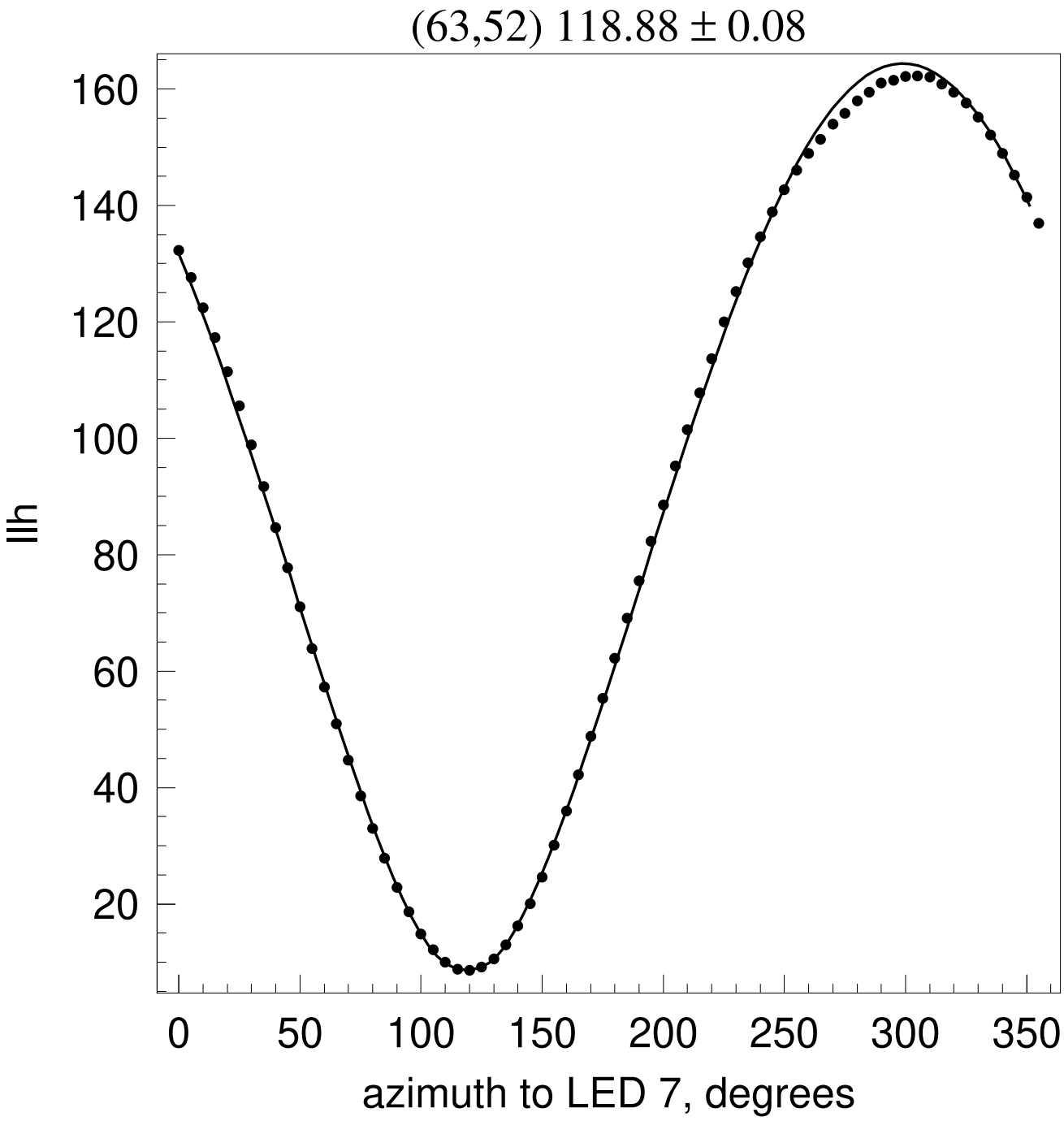

(63,47) 254.53 ± 0.05
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

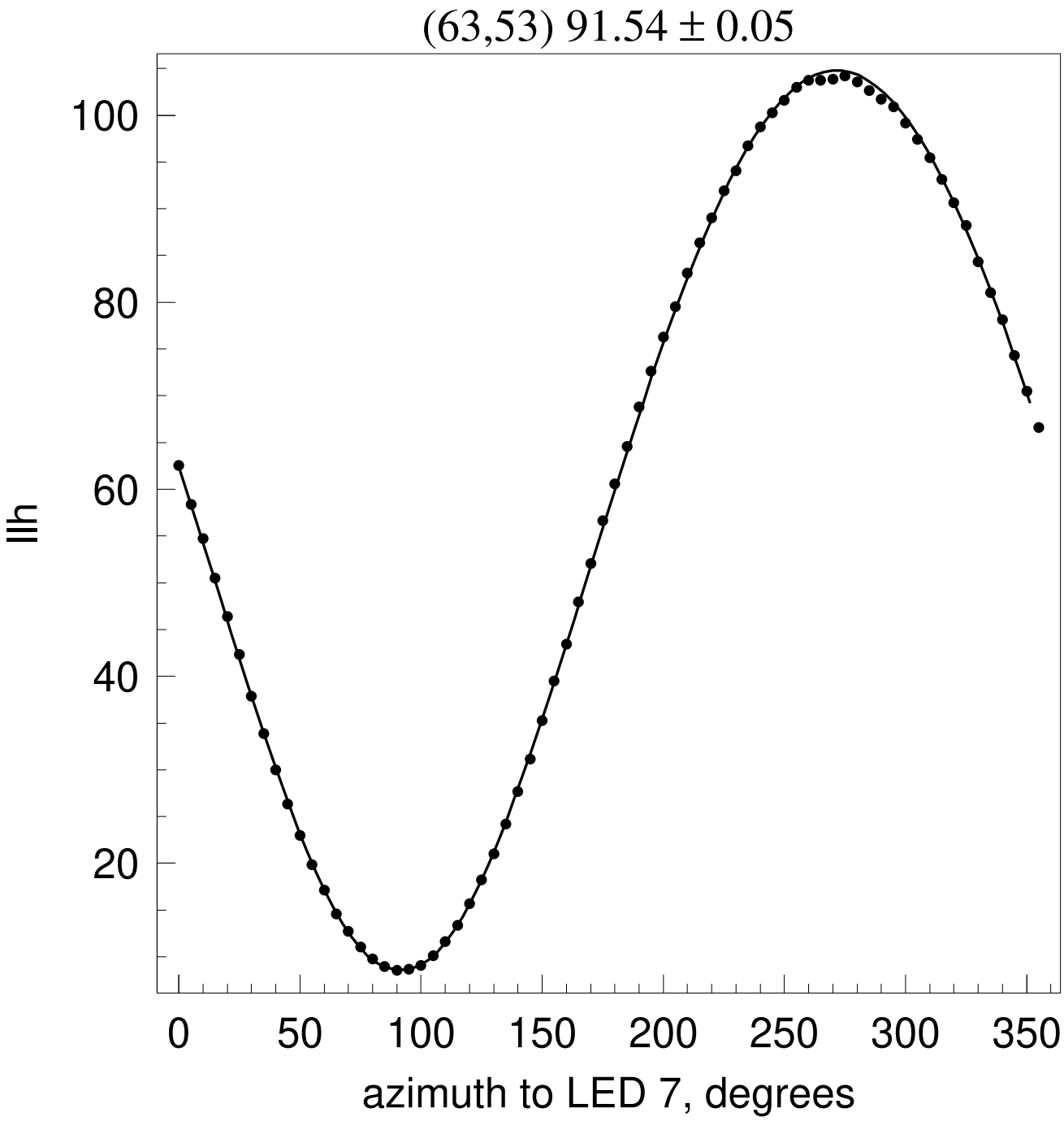

(63,48) 339.32 ± 0.14
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

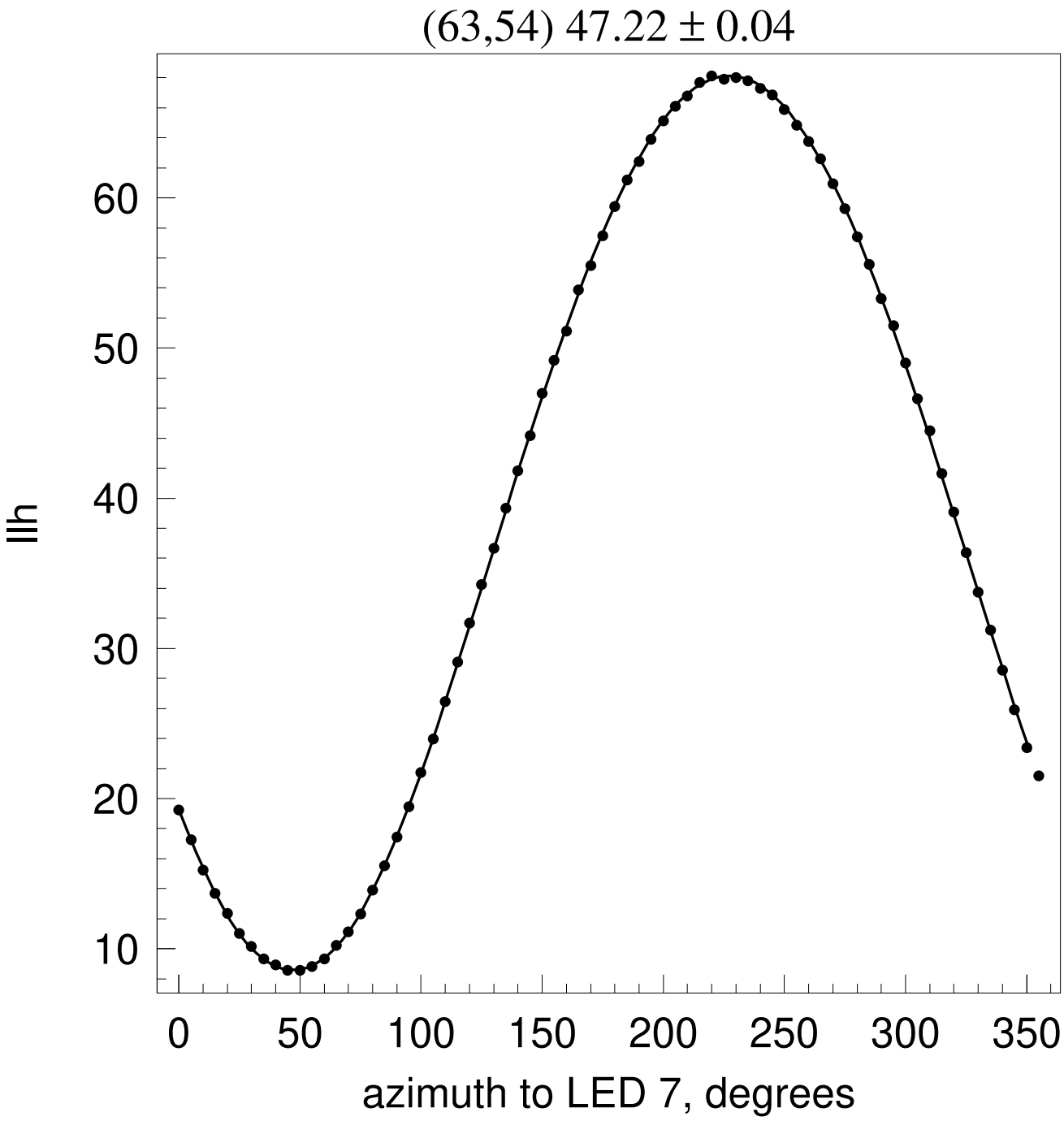

(63,49) 139.68 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

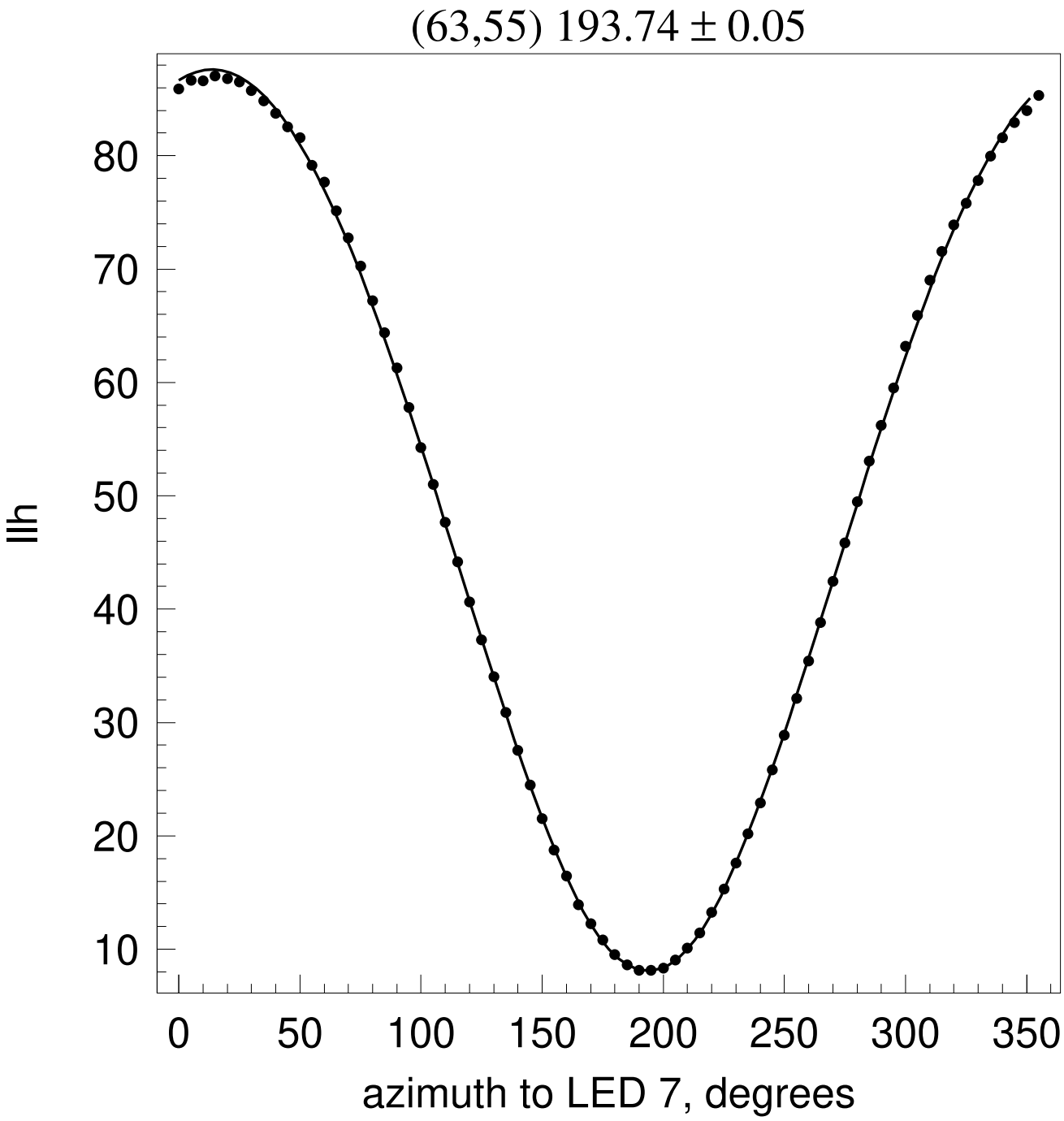

(63,50) 200.87 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

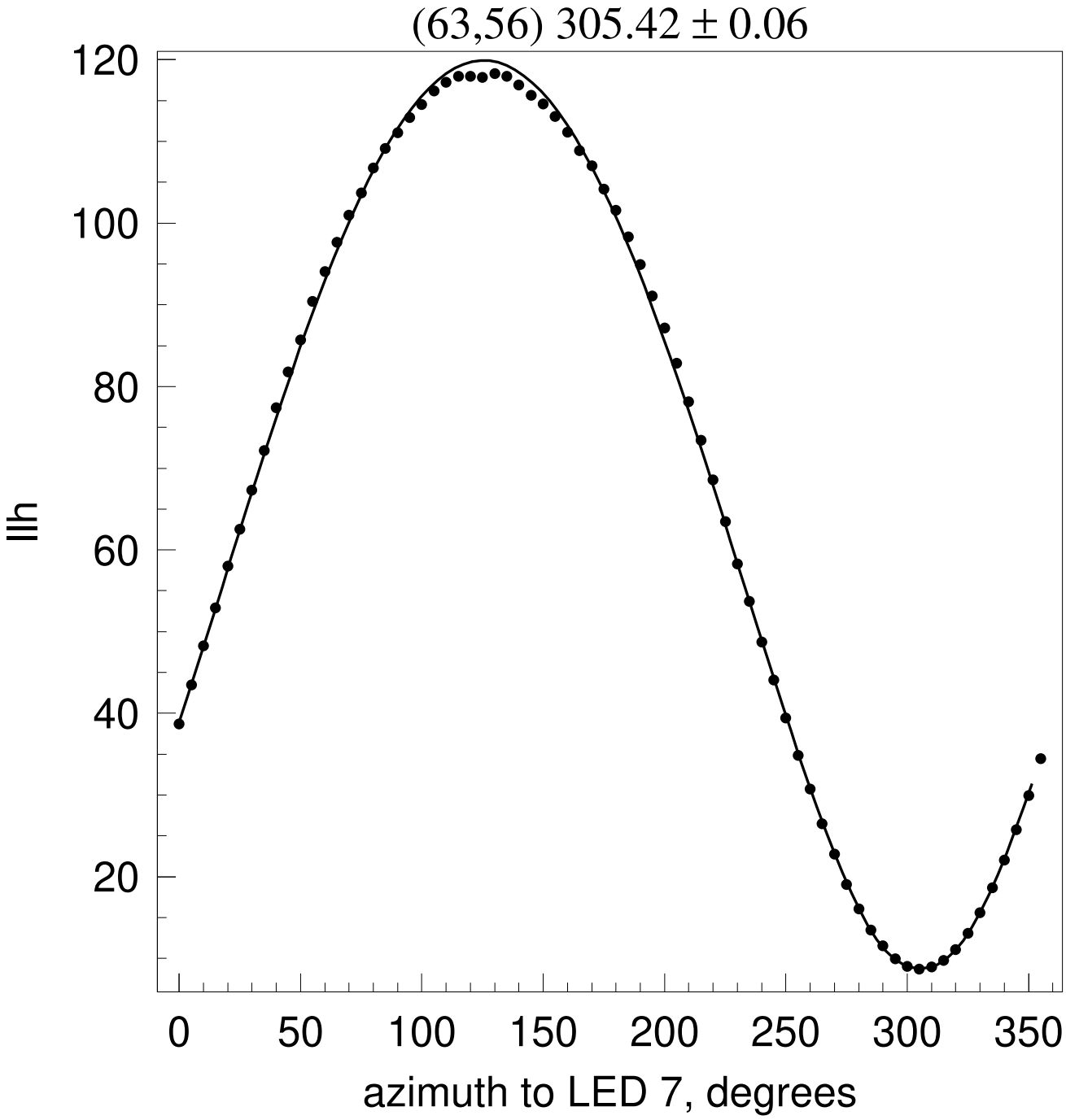

(63,51) 117.26 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

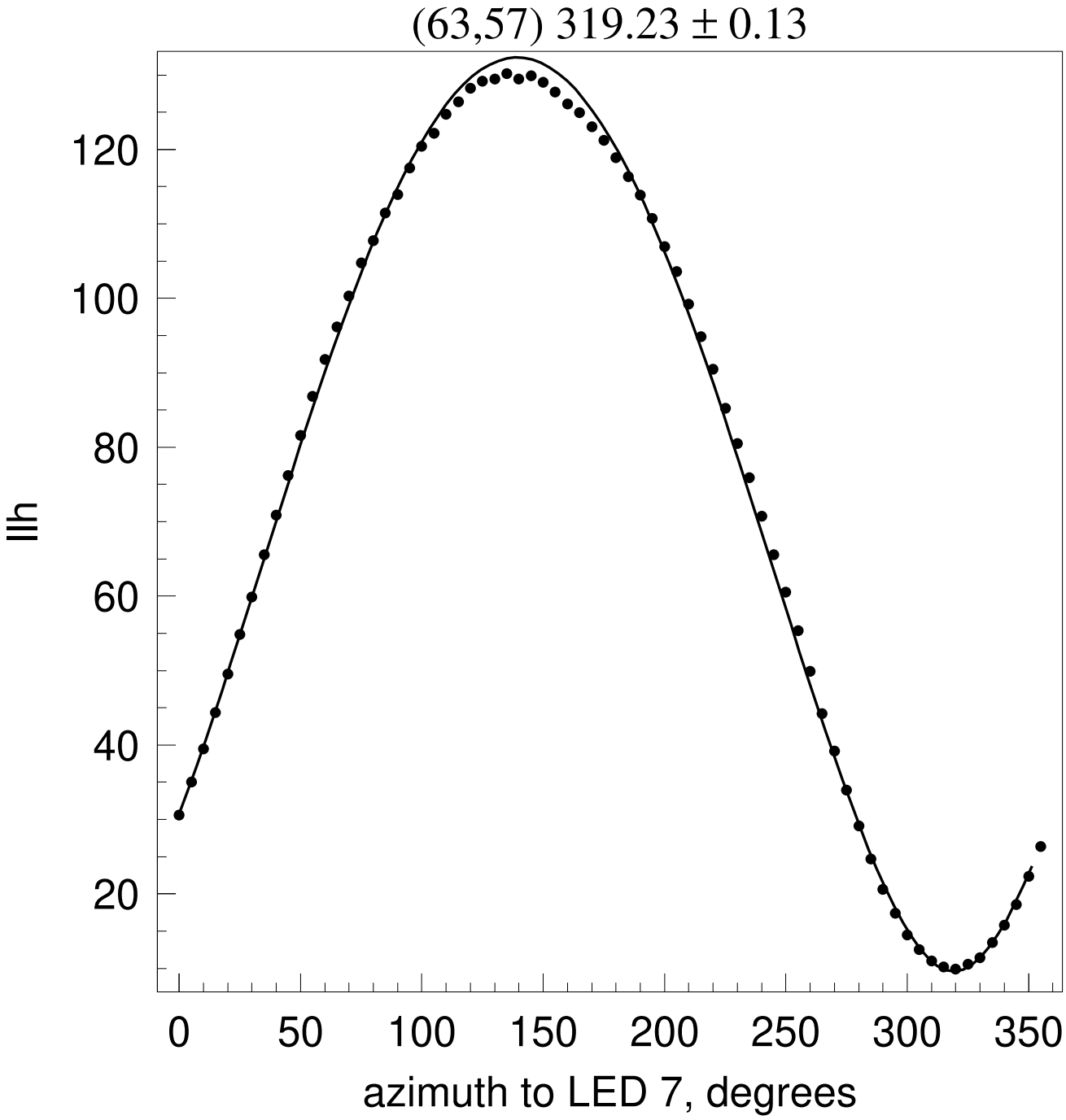

(63,52) 118.88 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

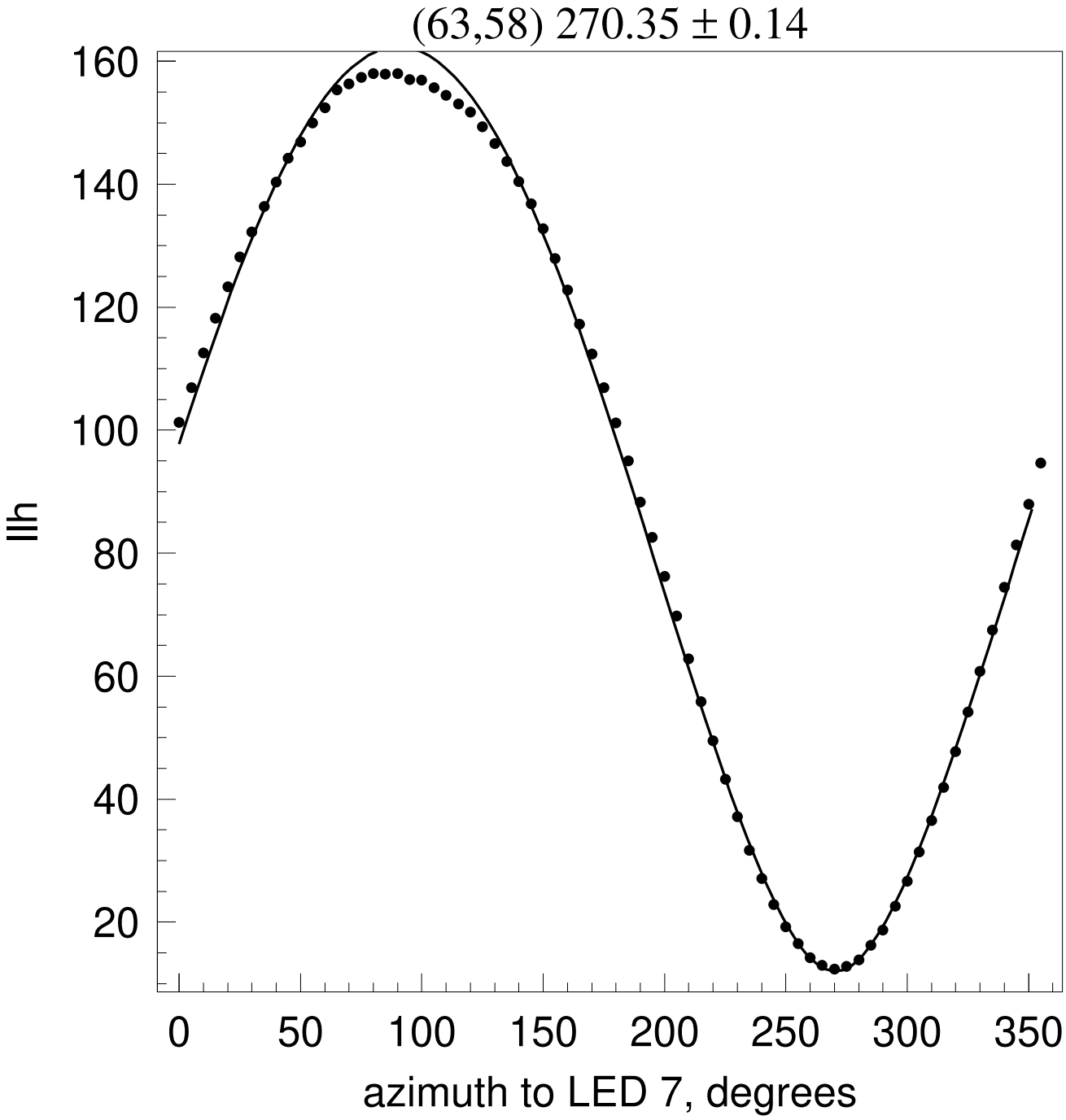

(63,53) 91.54 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

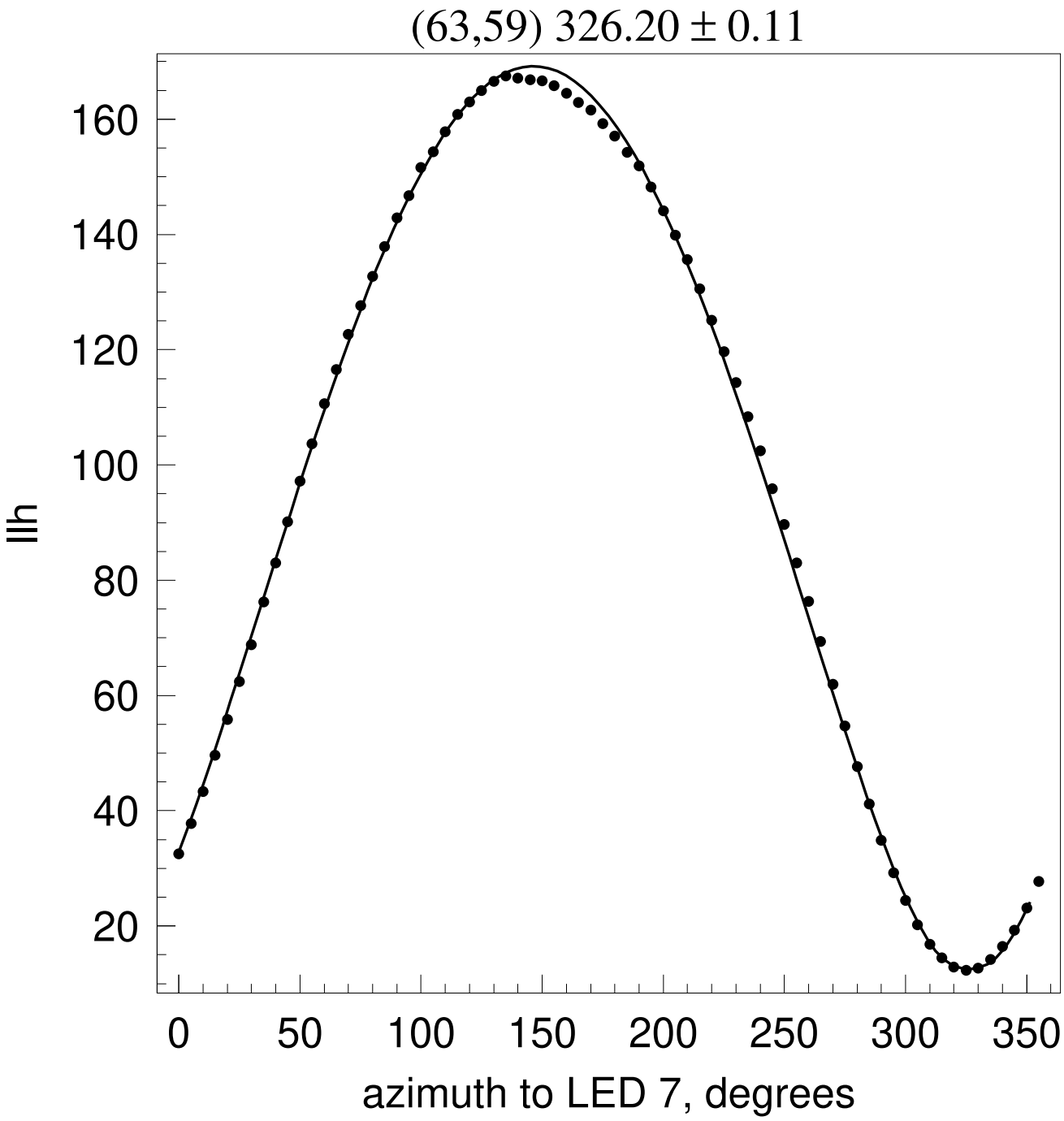

(63,54) 47.22 ± 0.04
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

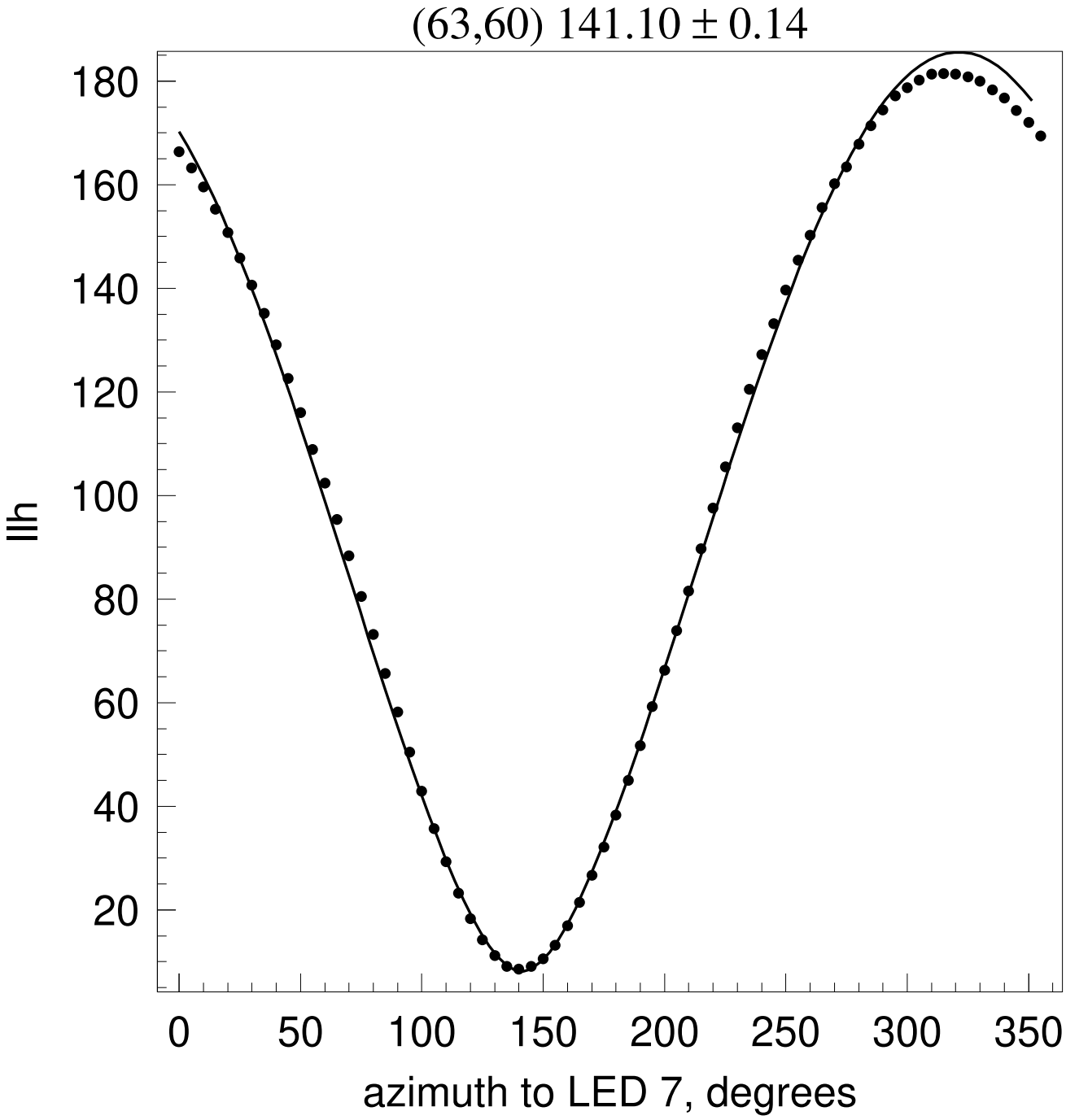

(63,55) 193.74 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

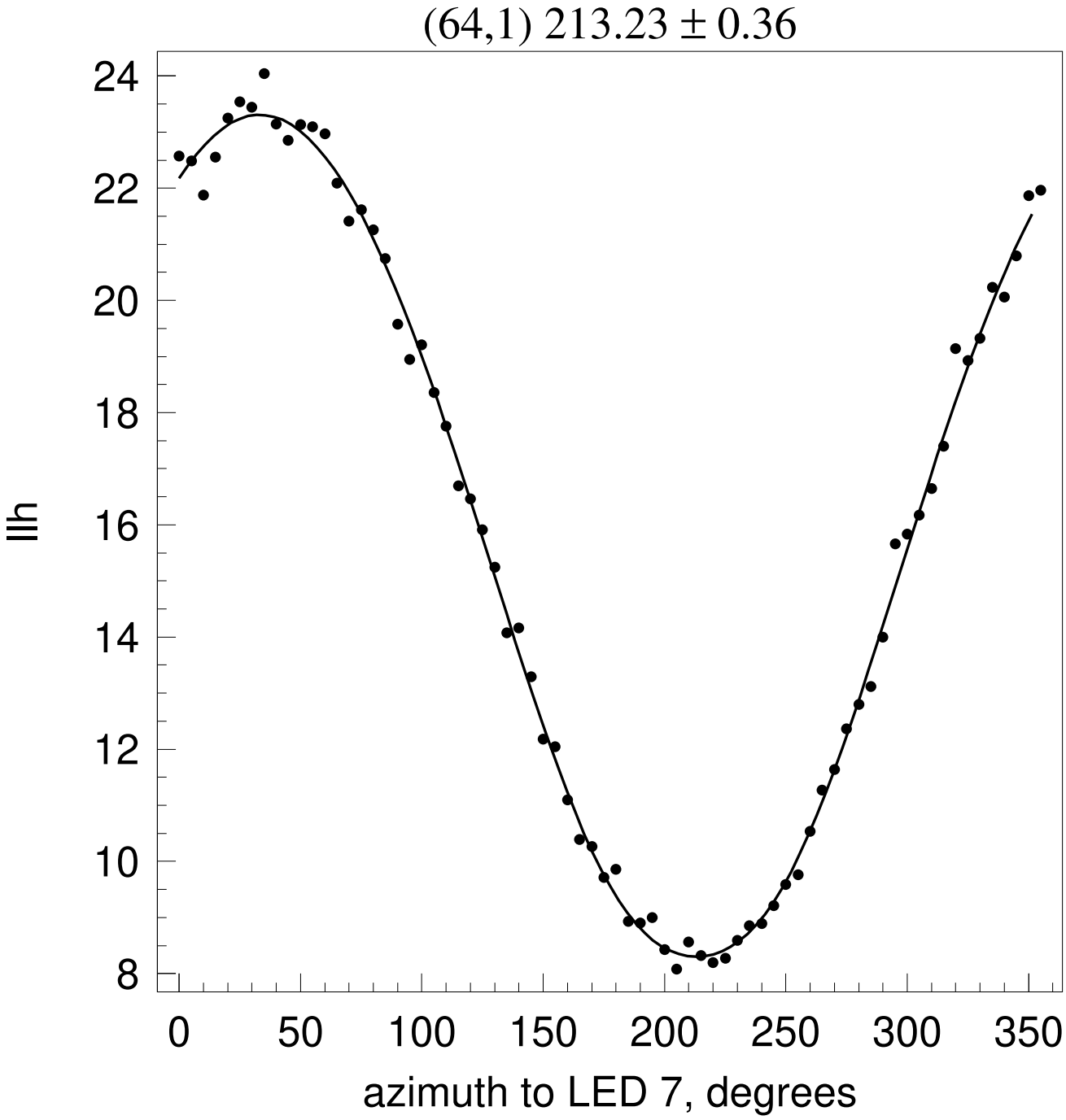

(63,56) 305.42 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

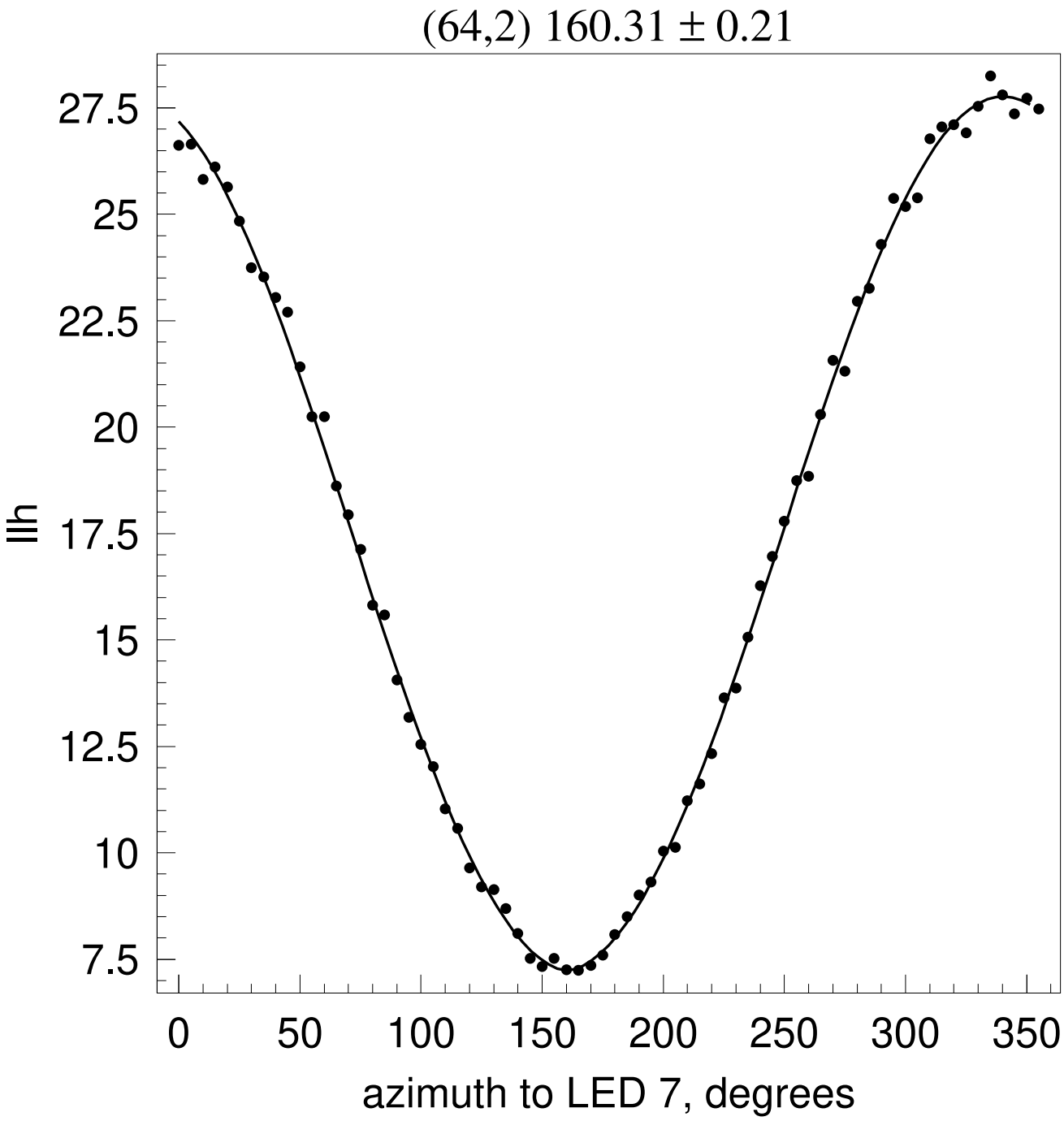

(63,57) 319.23 ± 0.13
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

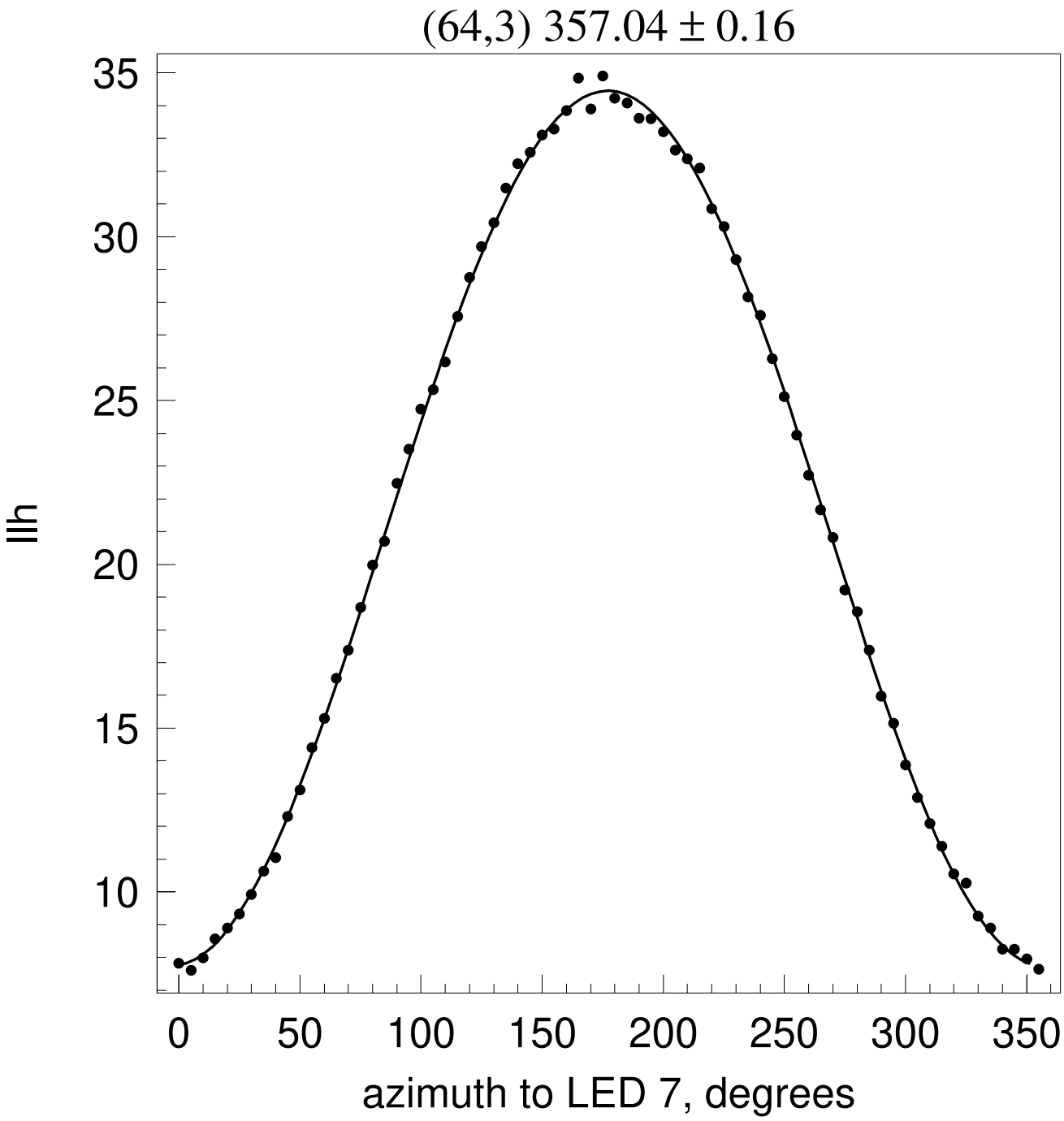

(63,58) 270.35 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

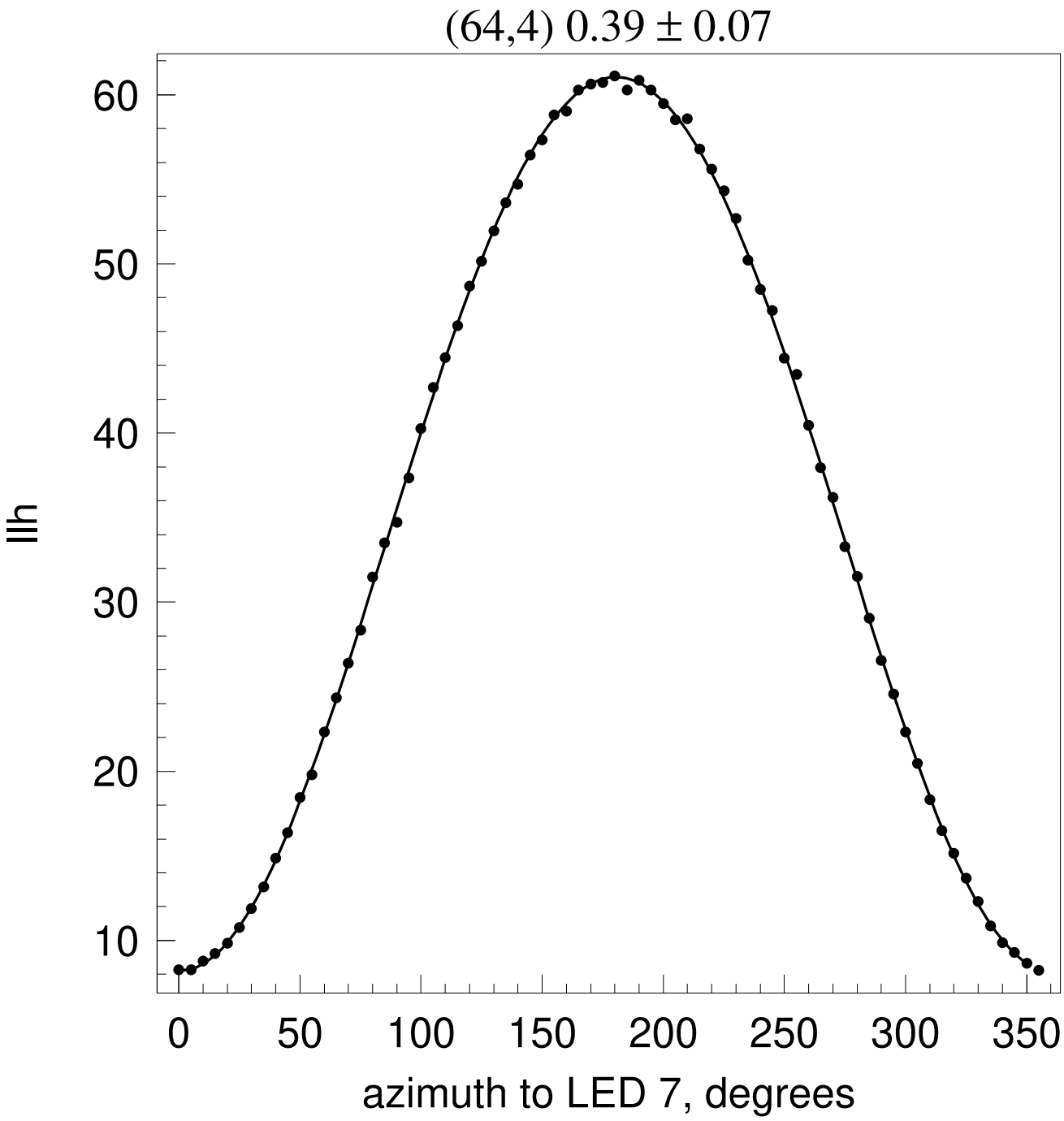

(63,59) 326.20 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

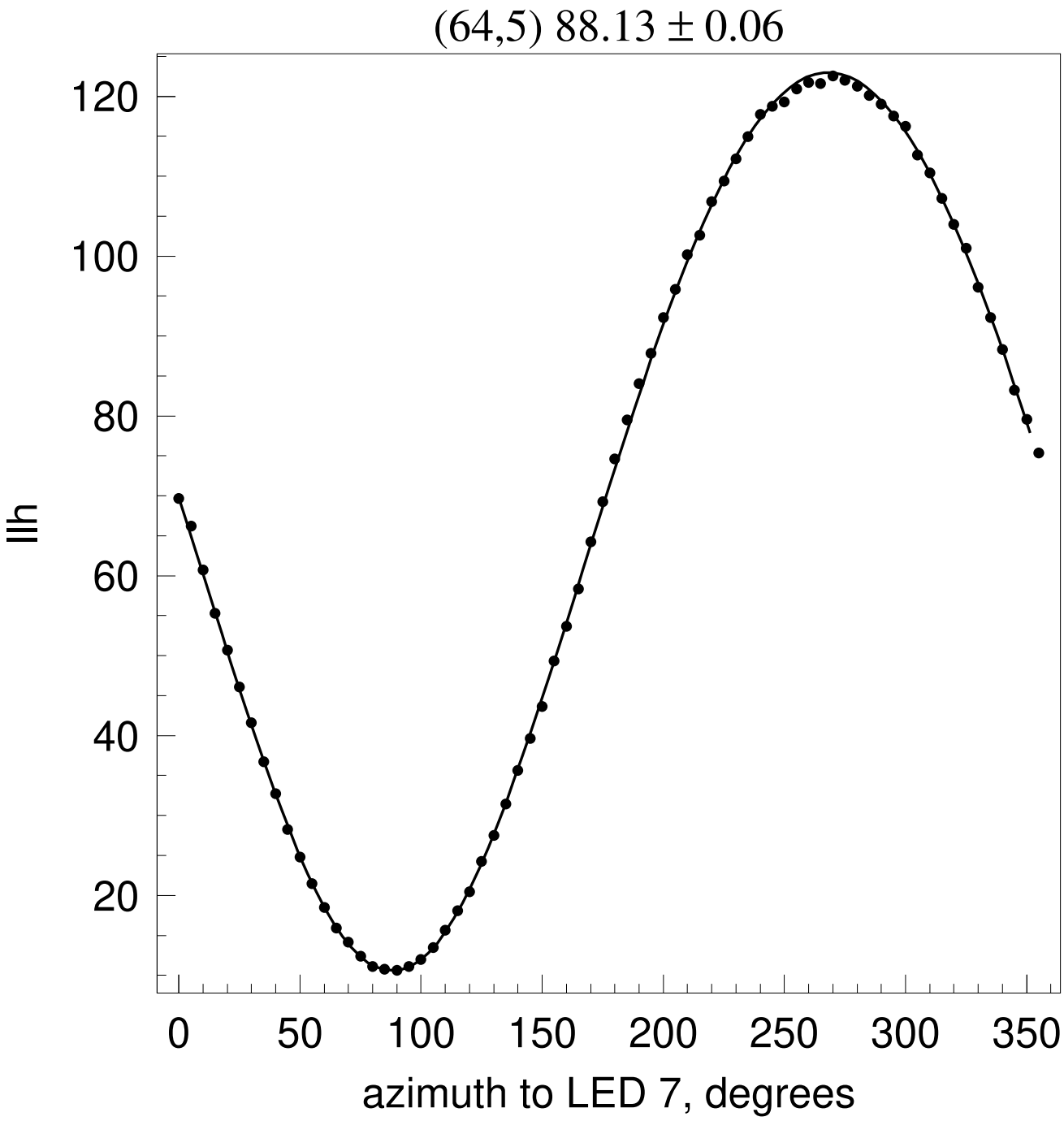

(63,60) 141.10 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

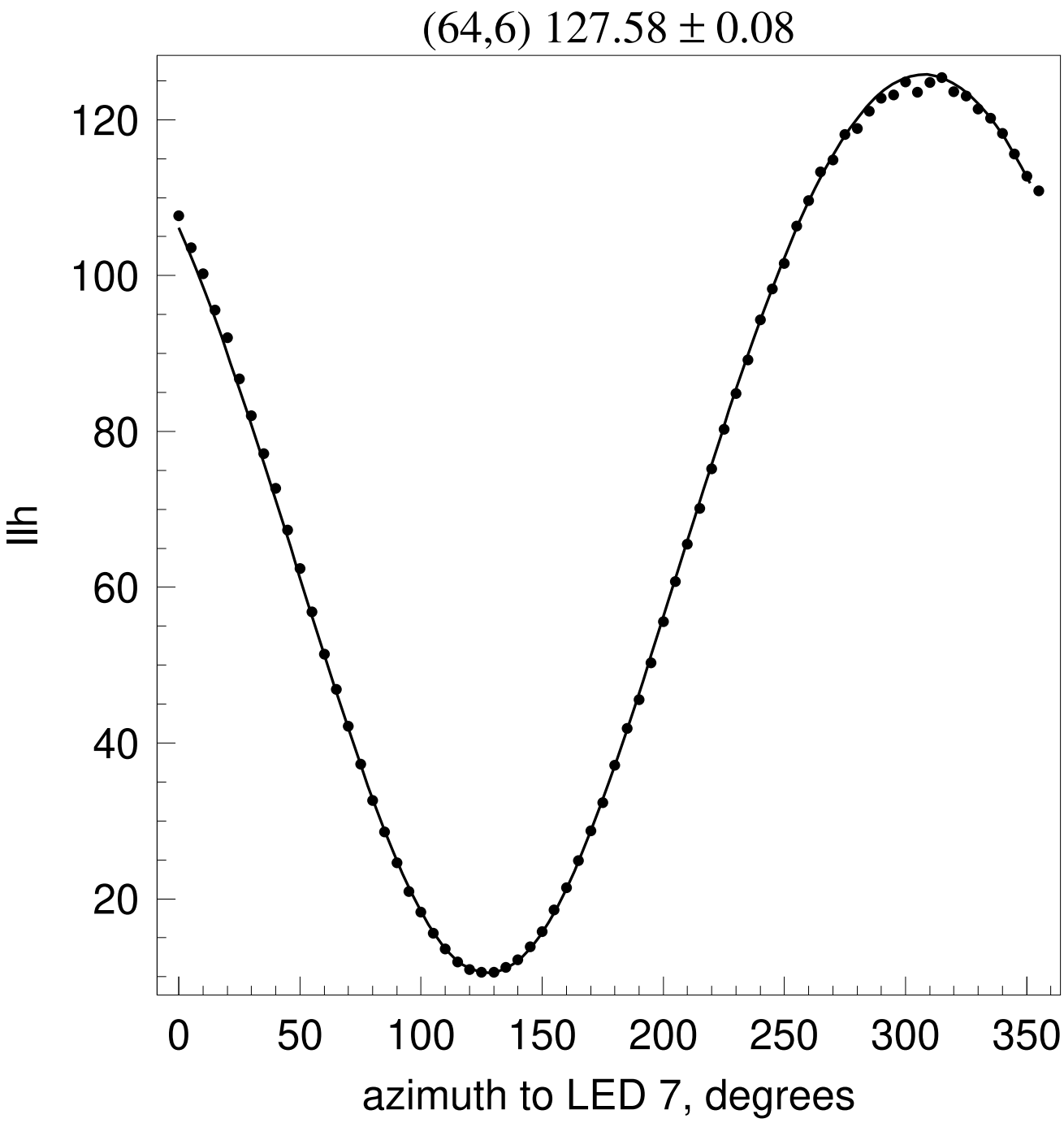

(64,1) 213.23 ± 0.36
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

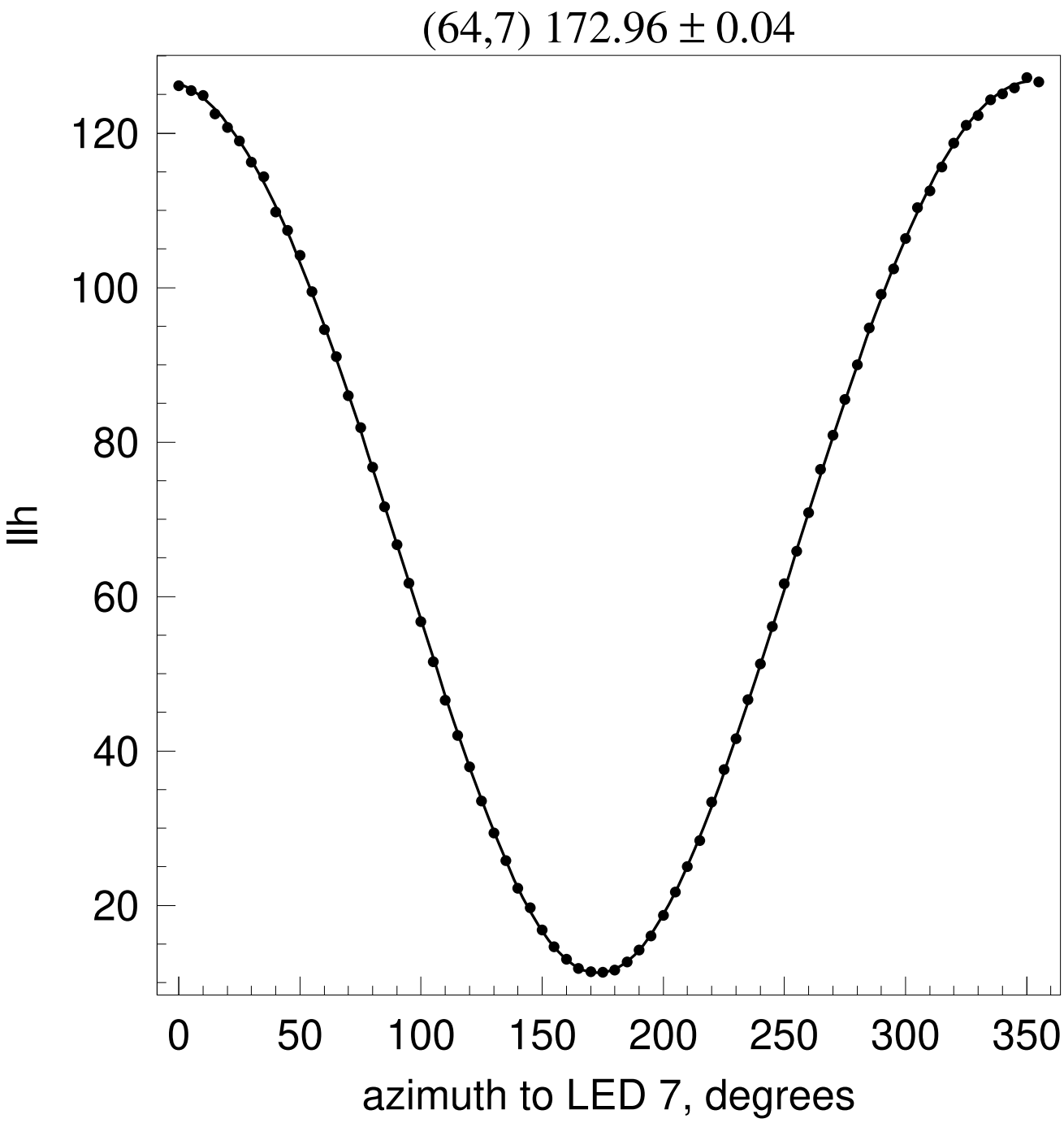

(64,2) 160.31 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

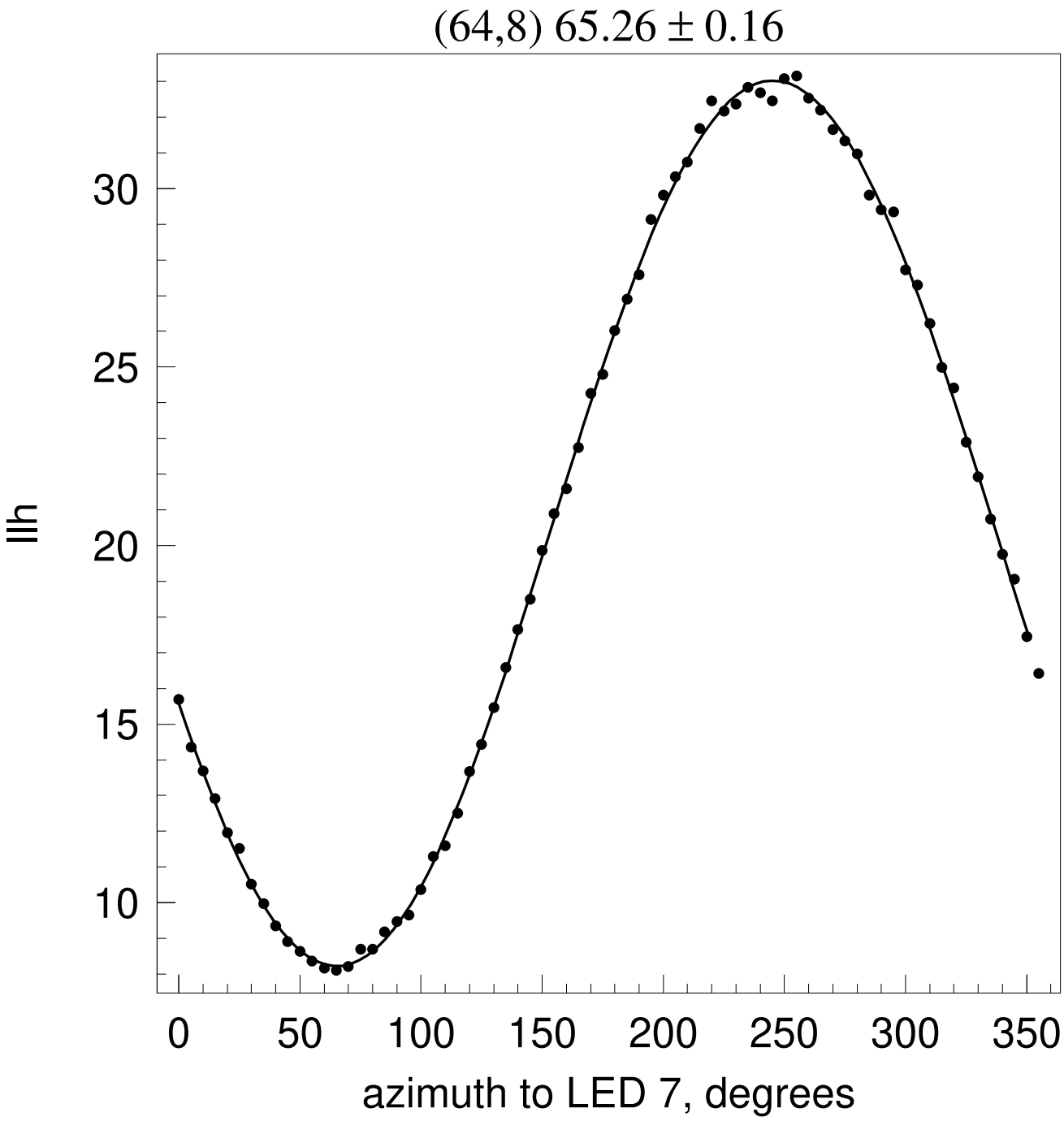

(64,3) 357.04 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

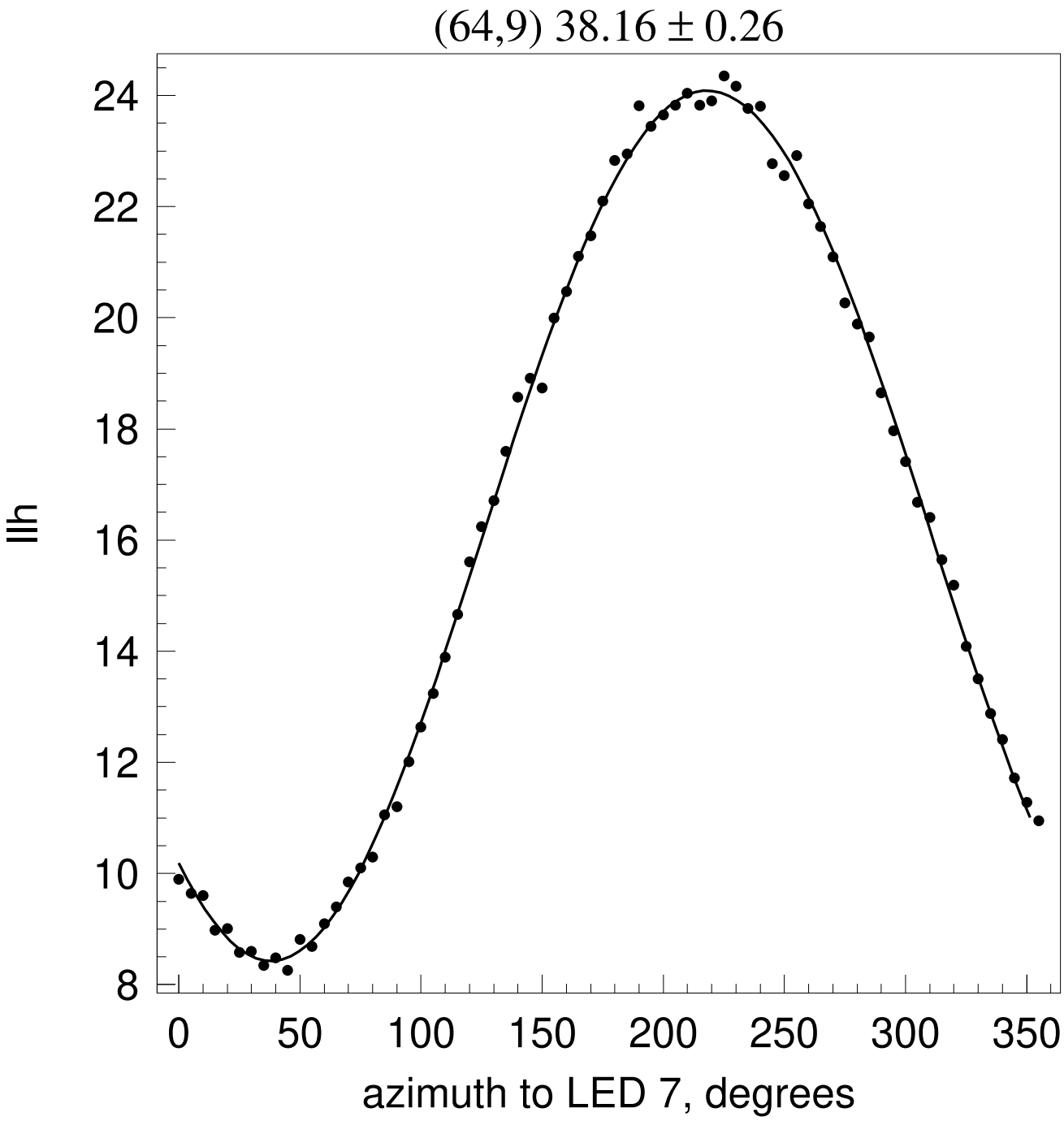

(64,4) 0.39 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

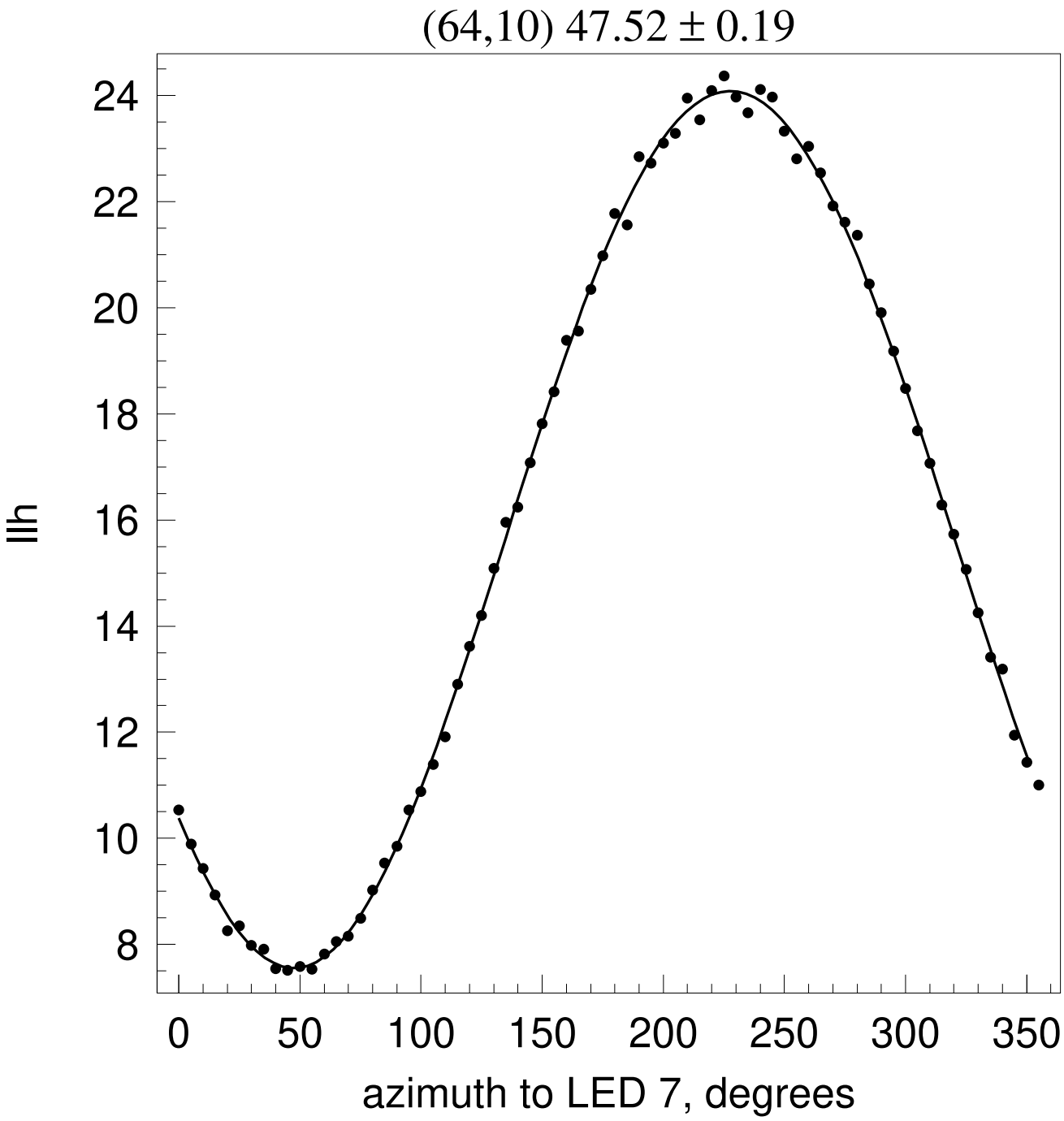

(64,5) 88.13 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

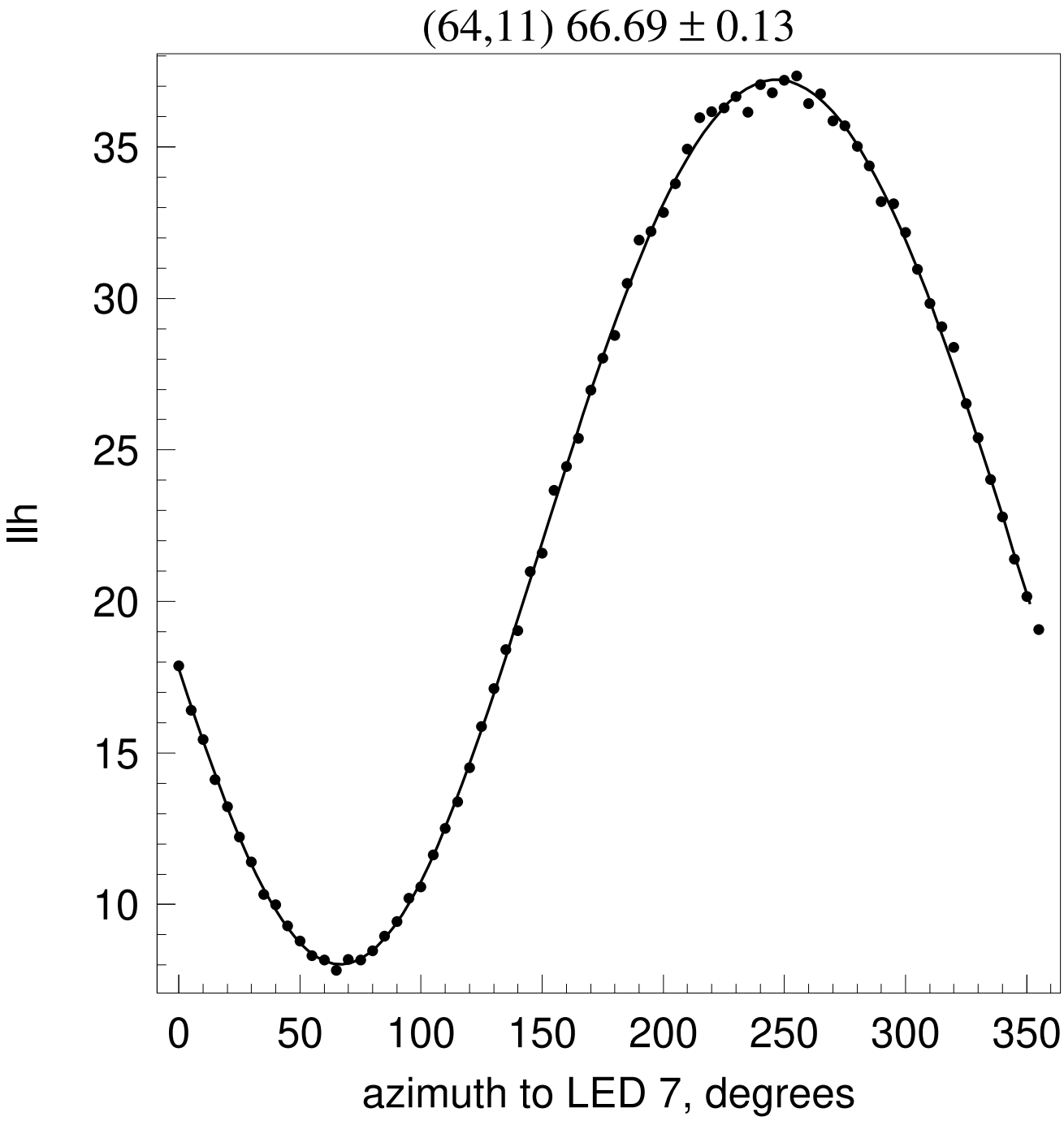

(64,6) 127.58 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

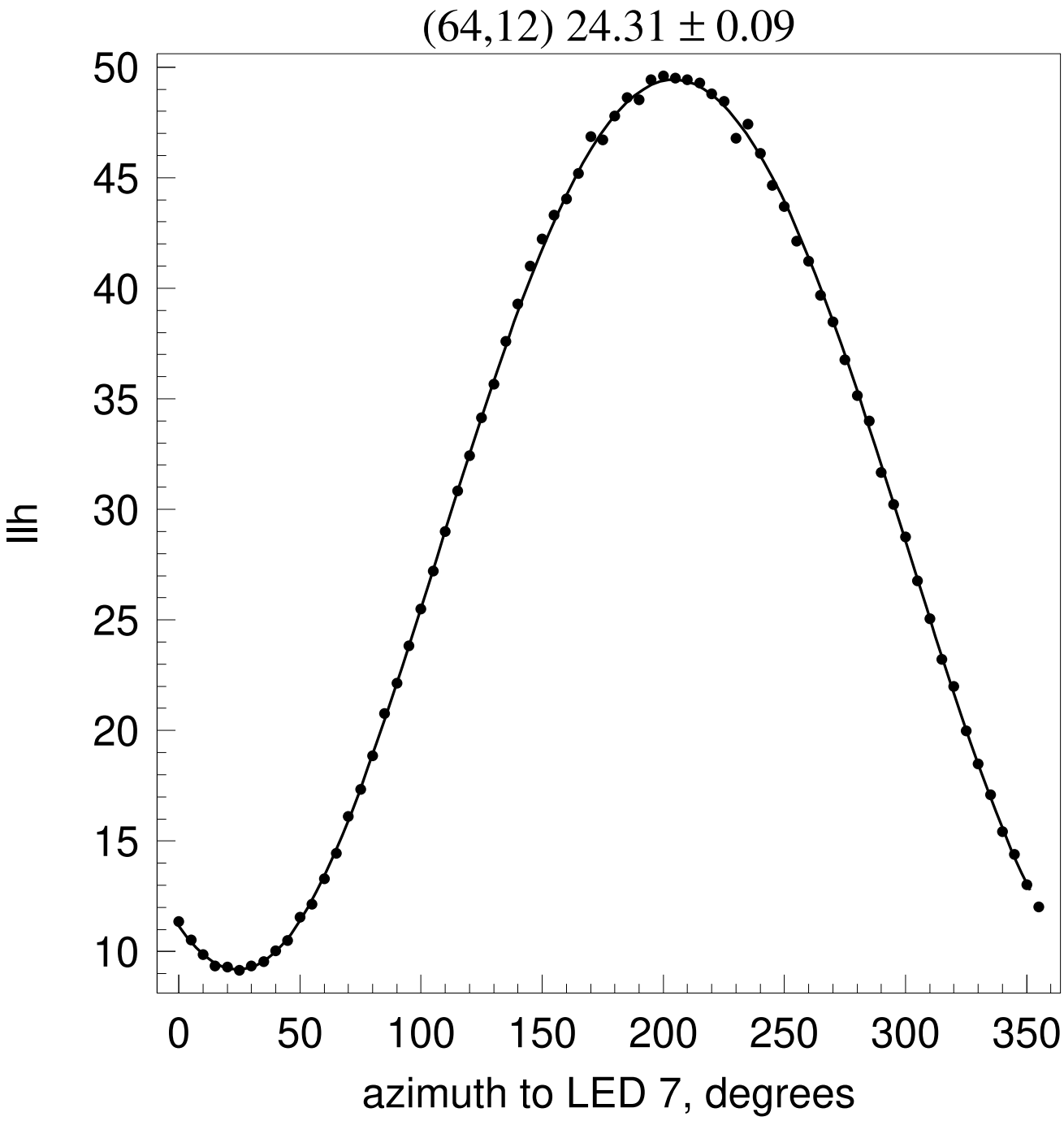

(64,7) 172.96 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

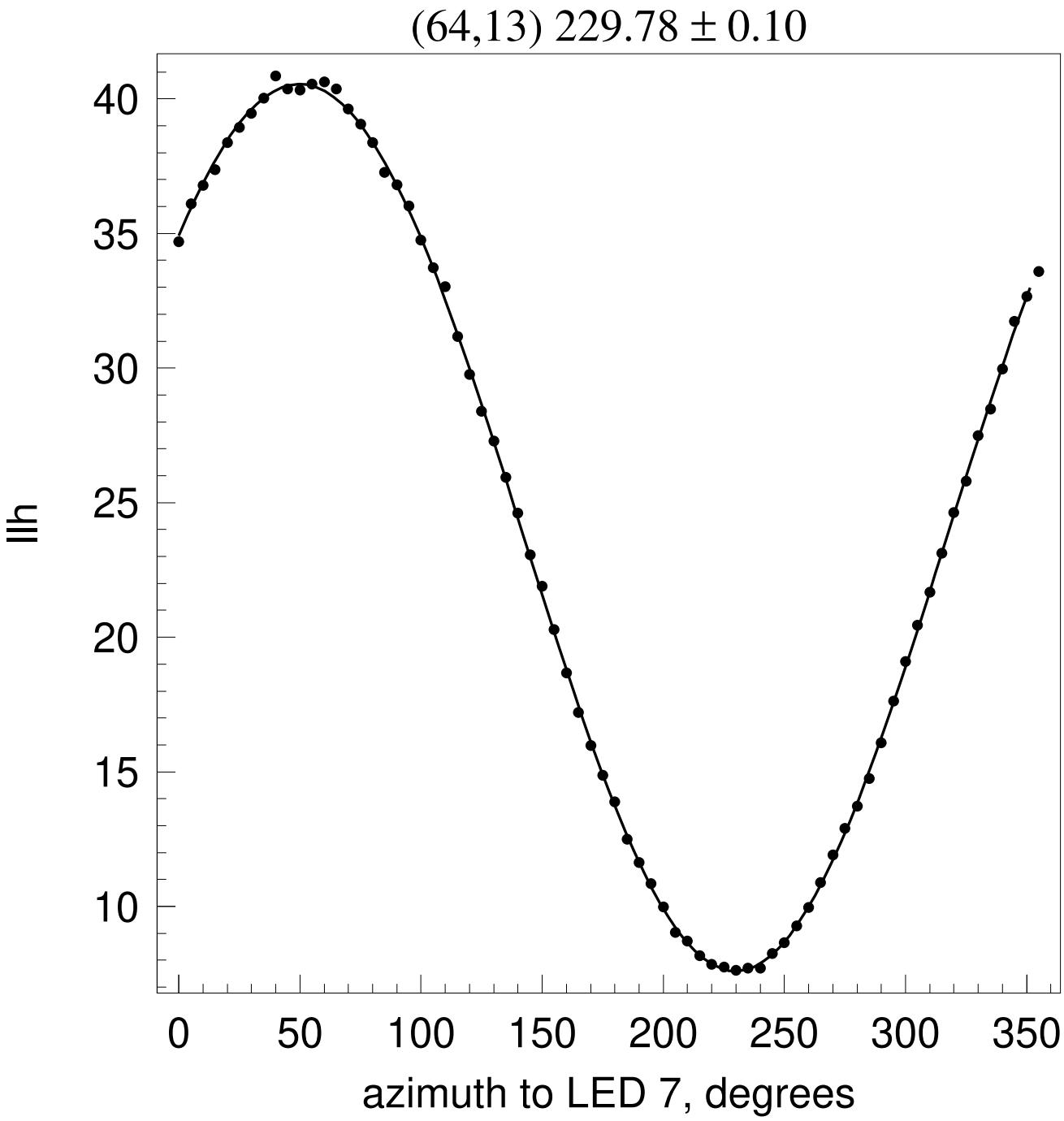

(64,8) 65.26 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

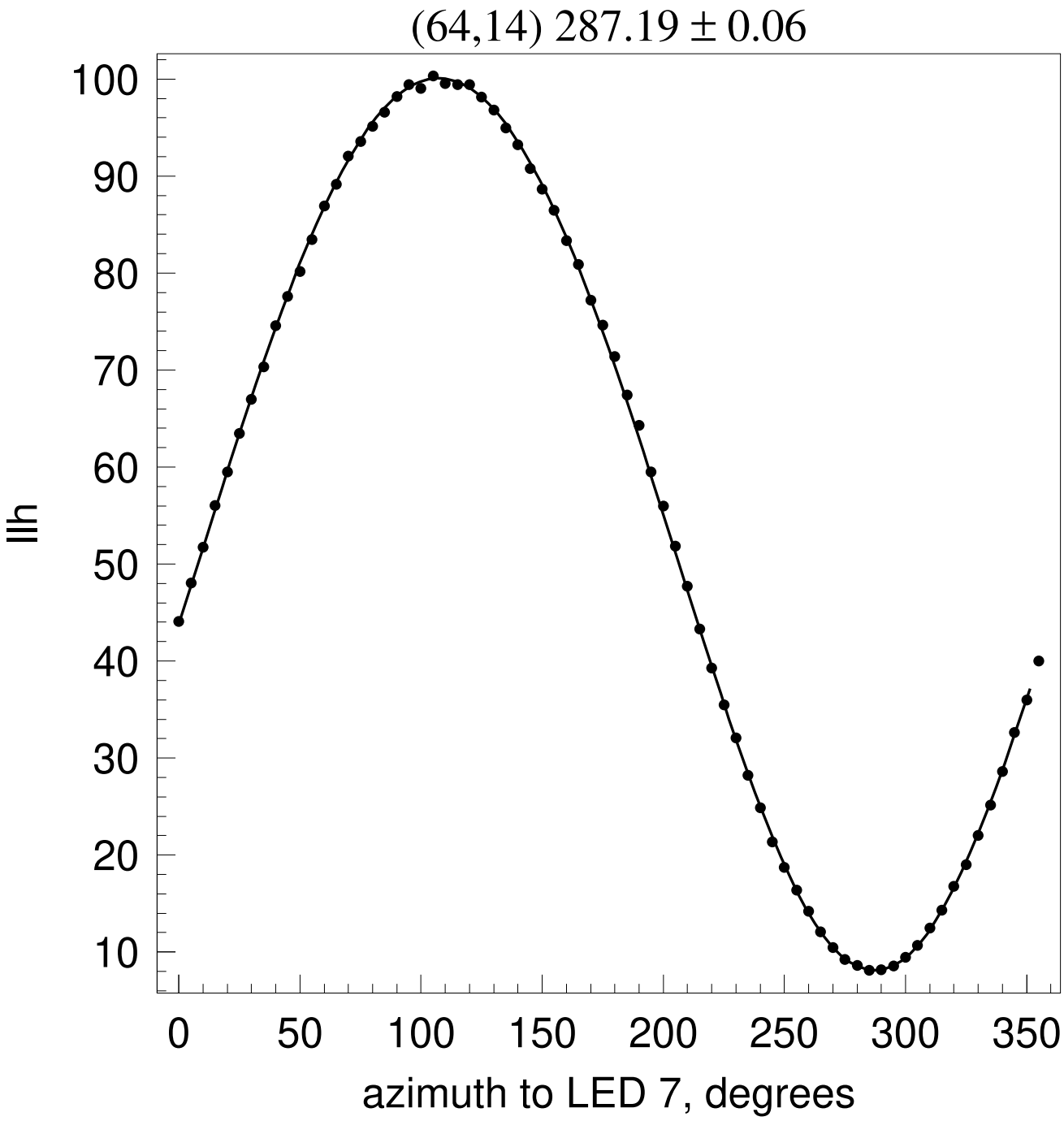

(64,9) 38.16 ± 0.26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

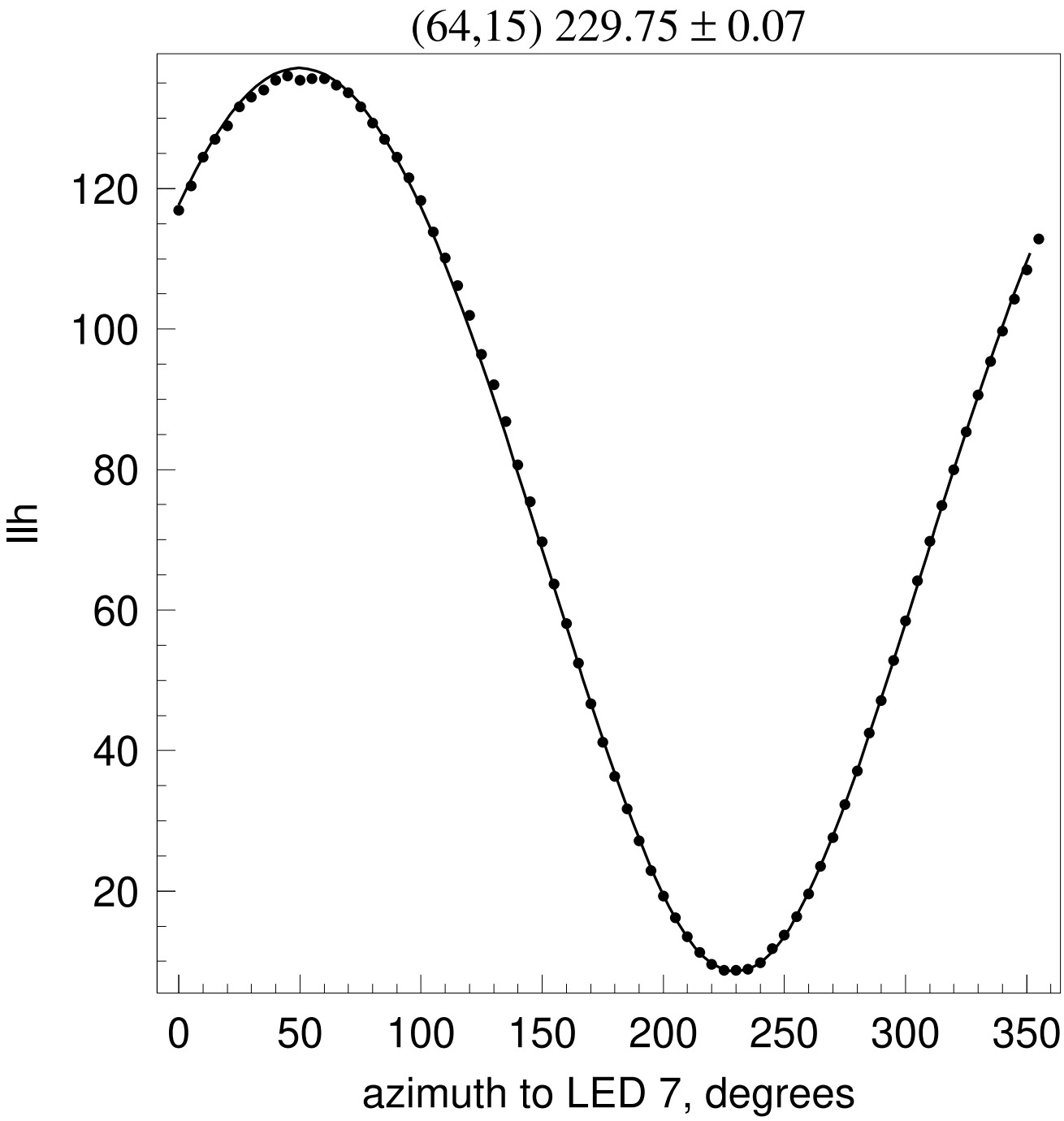

(64,10) 47.52 ± 0.19
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

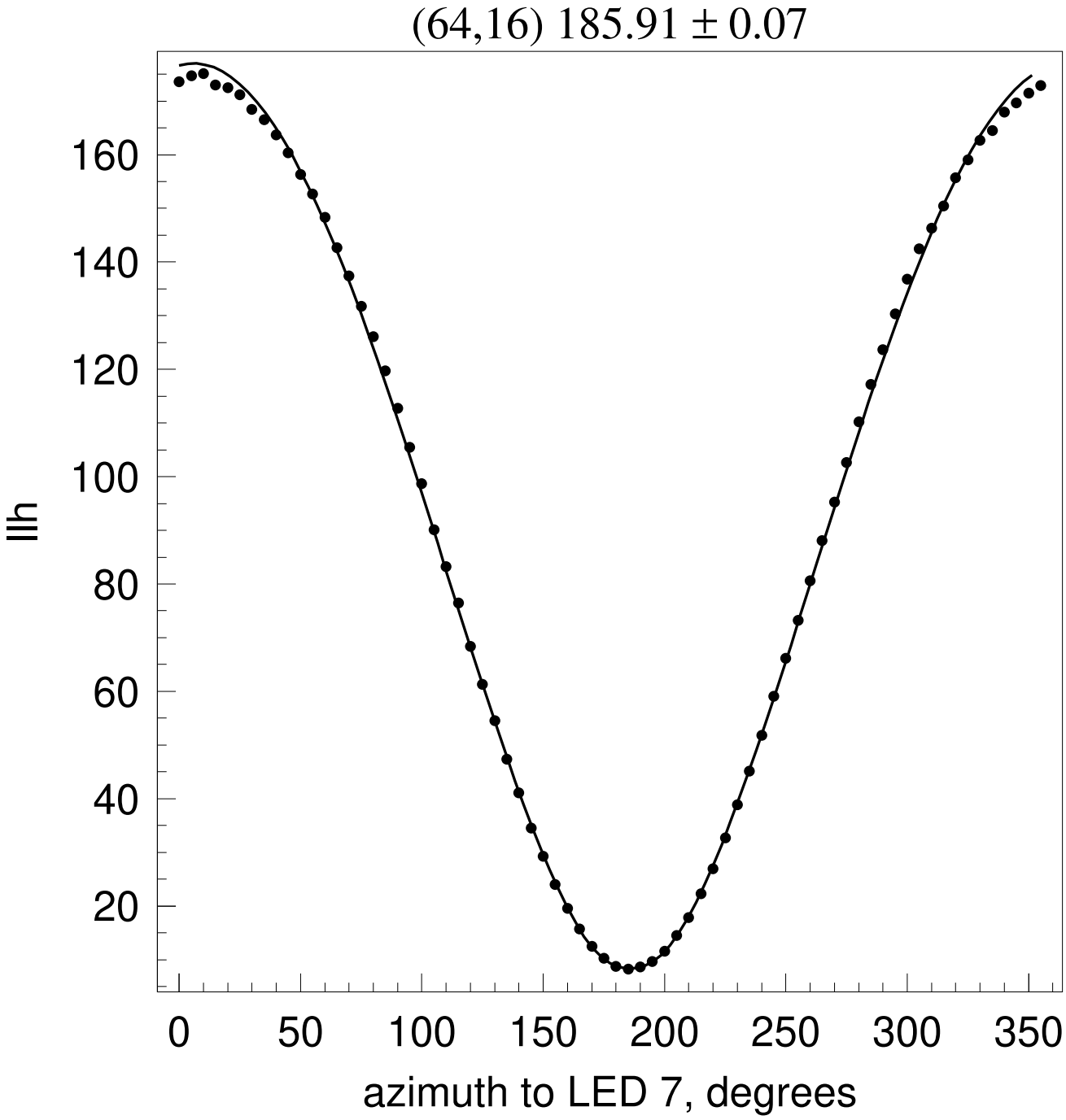

(64,11) 66.69 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

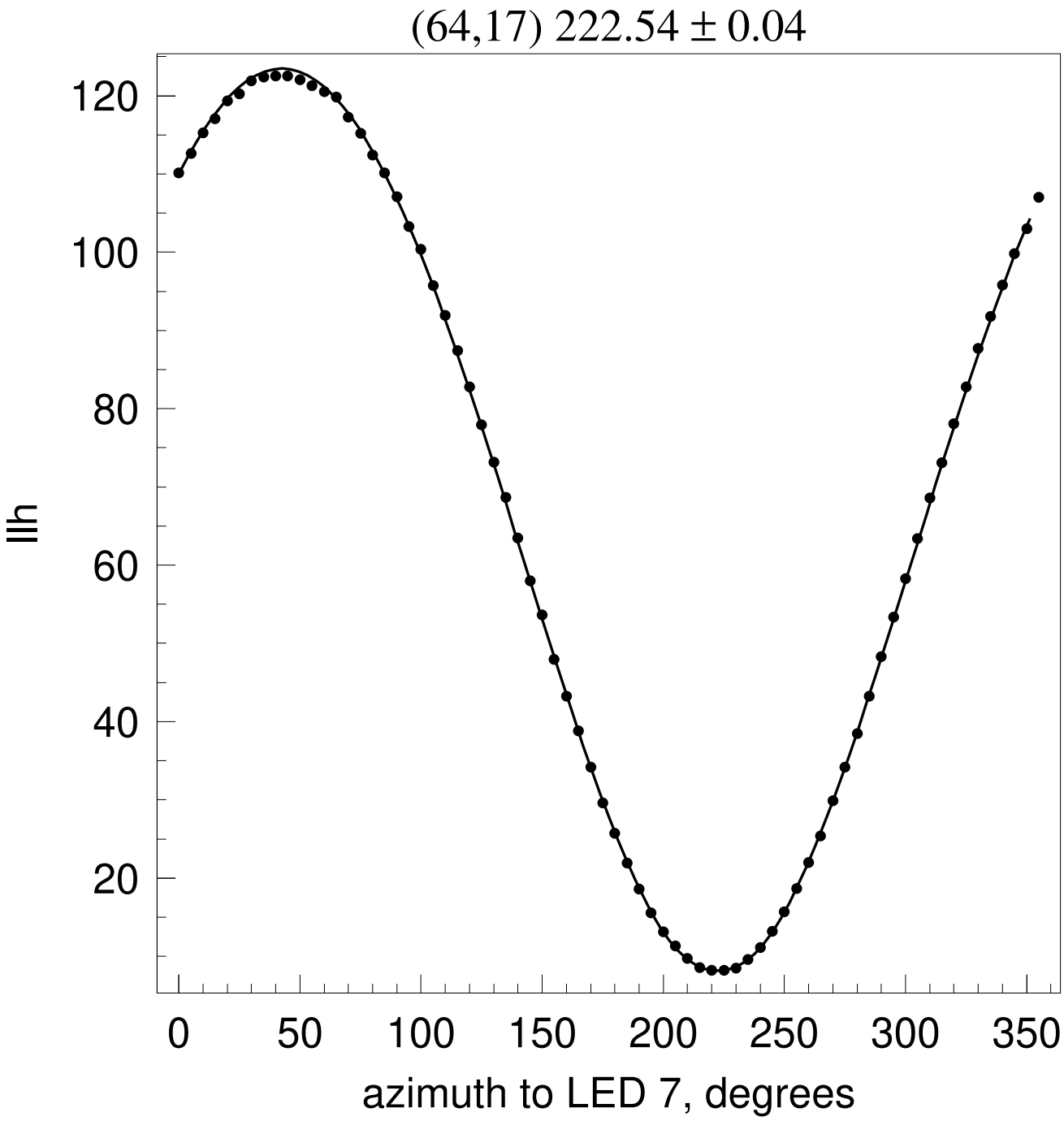

(64,12) 24.31 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

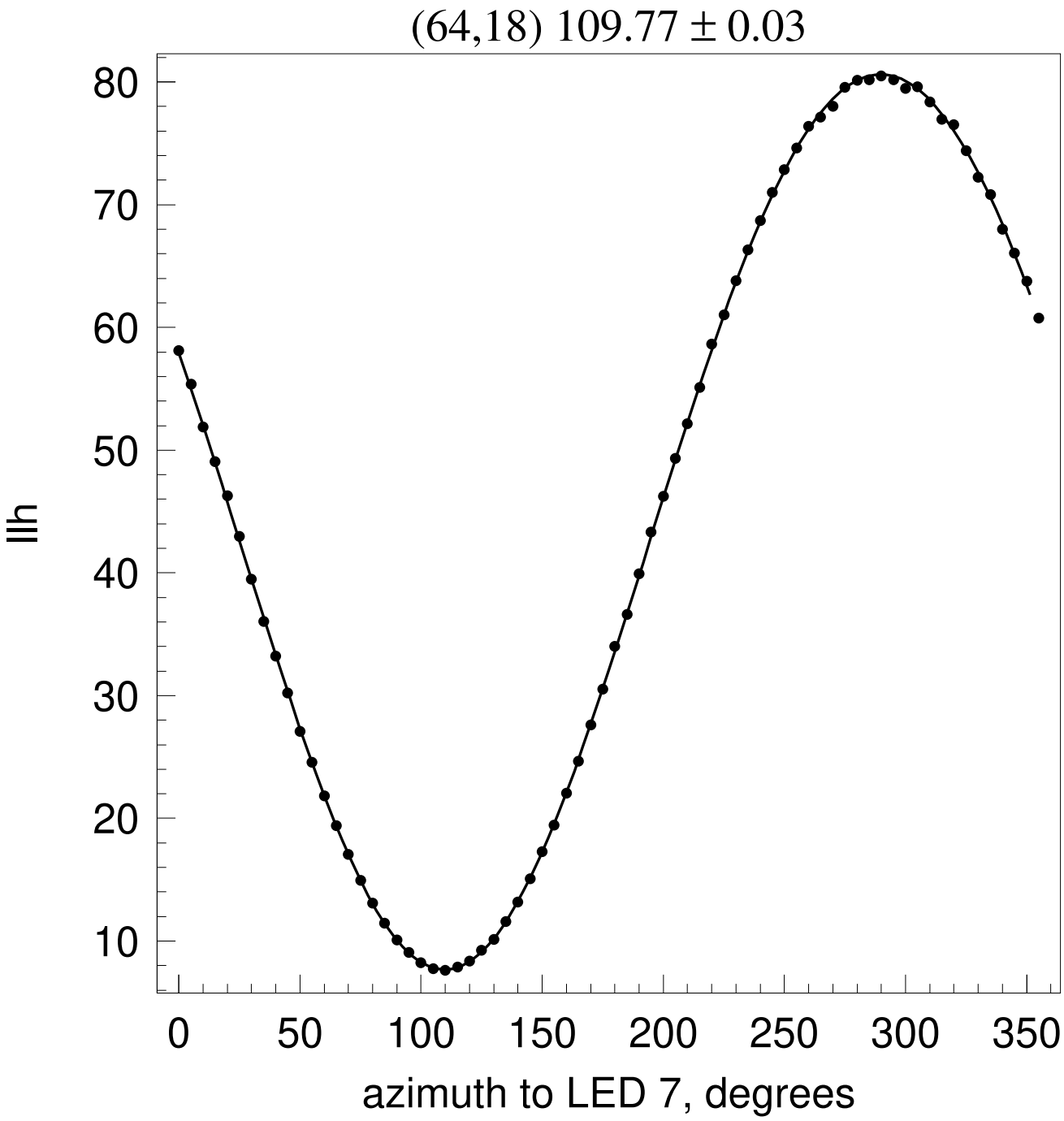

(64,13) 229.78 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

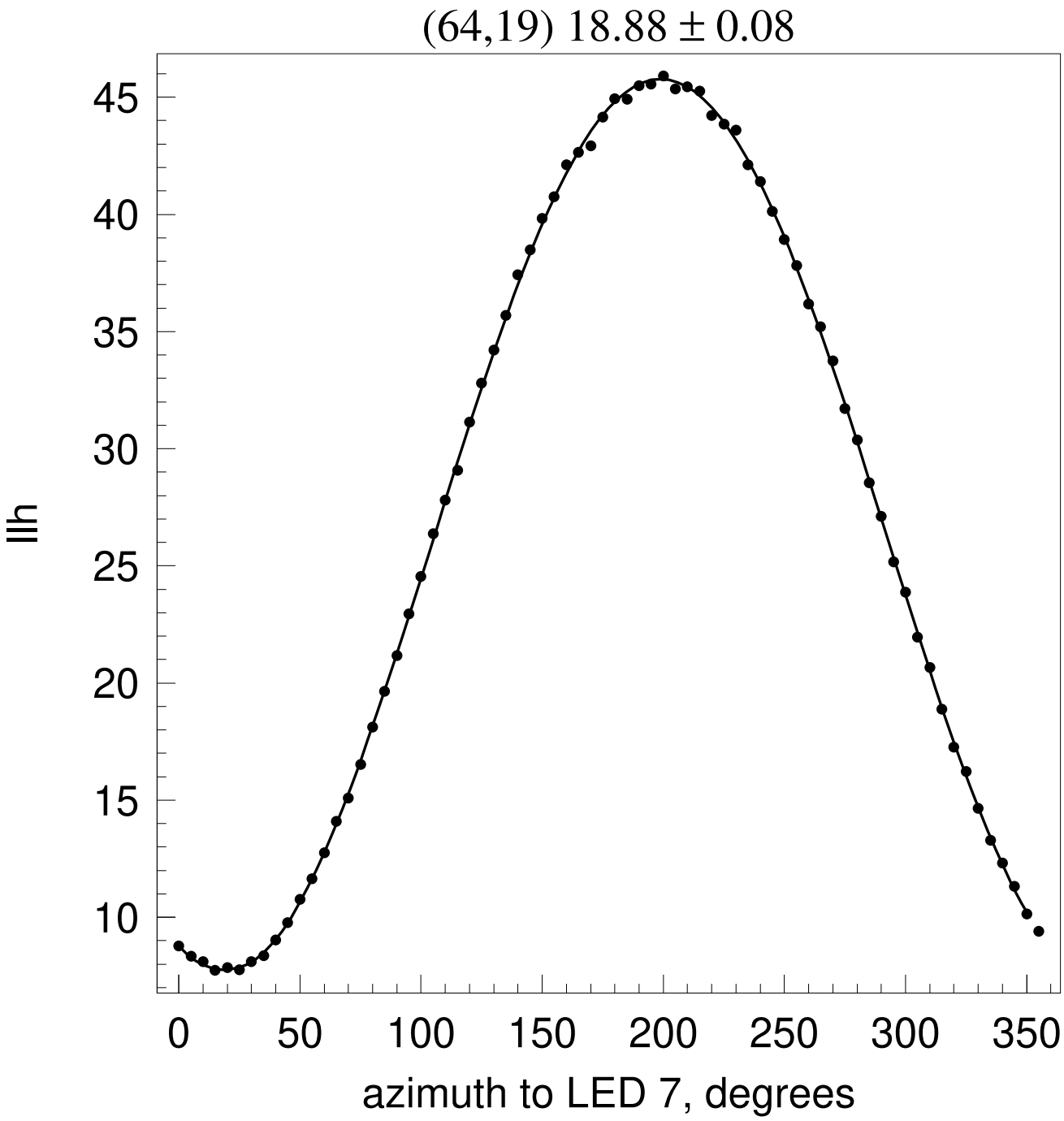

(64,14) 287.19 ± 0.06
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

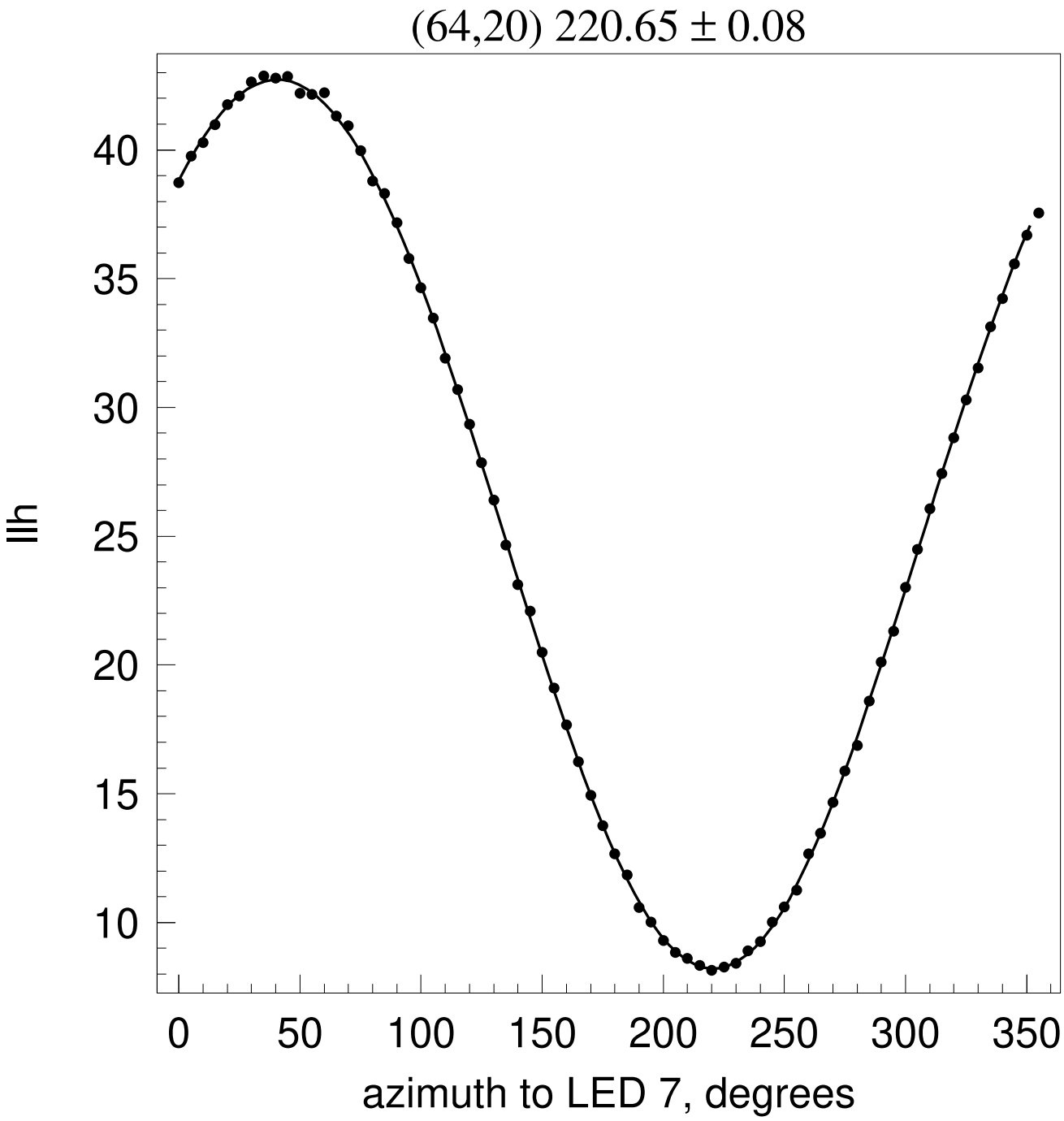

(64,15) 229.75 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

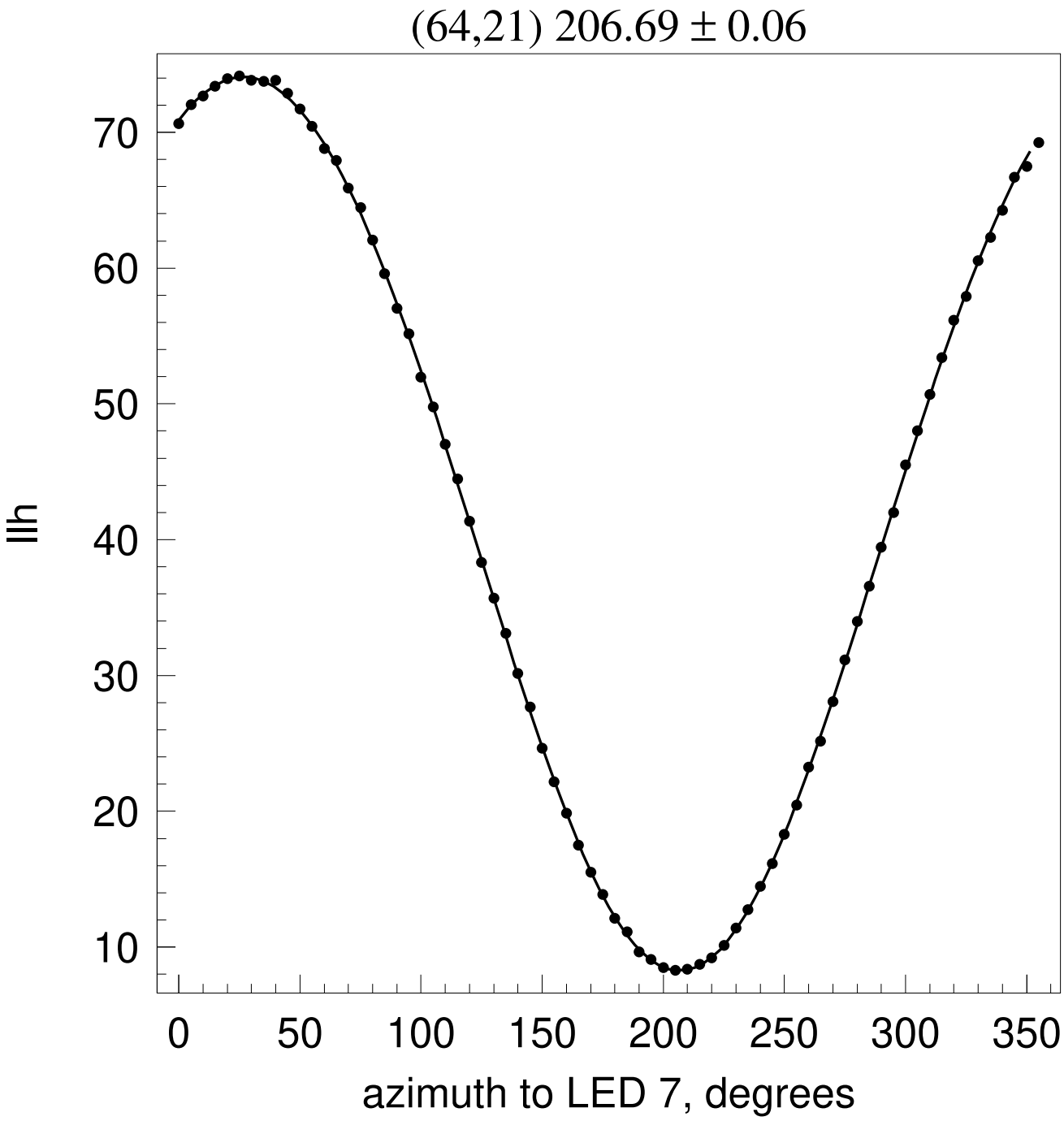

(64,16) 185.91 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

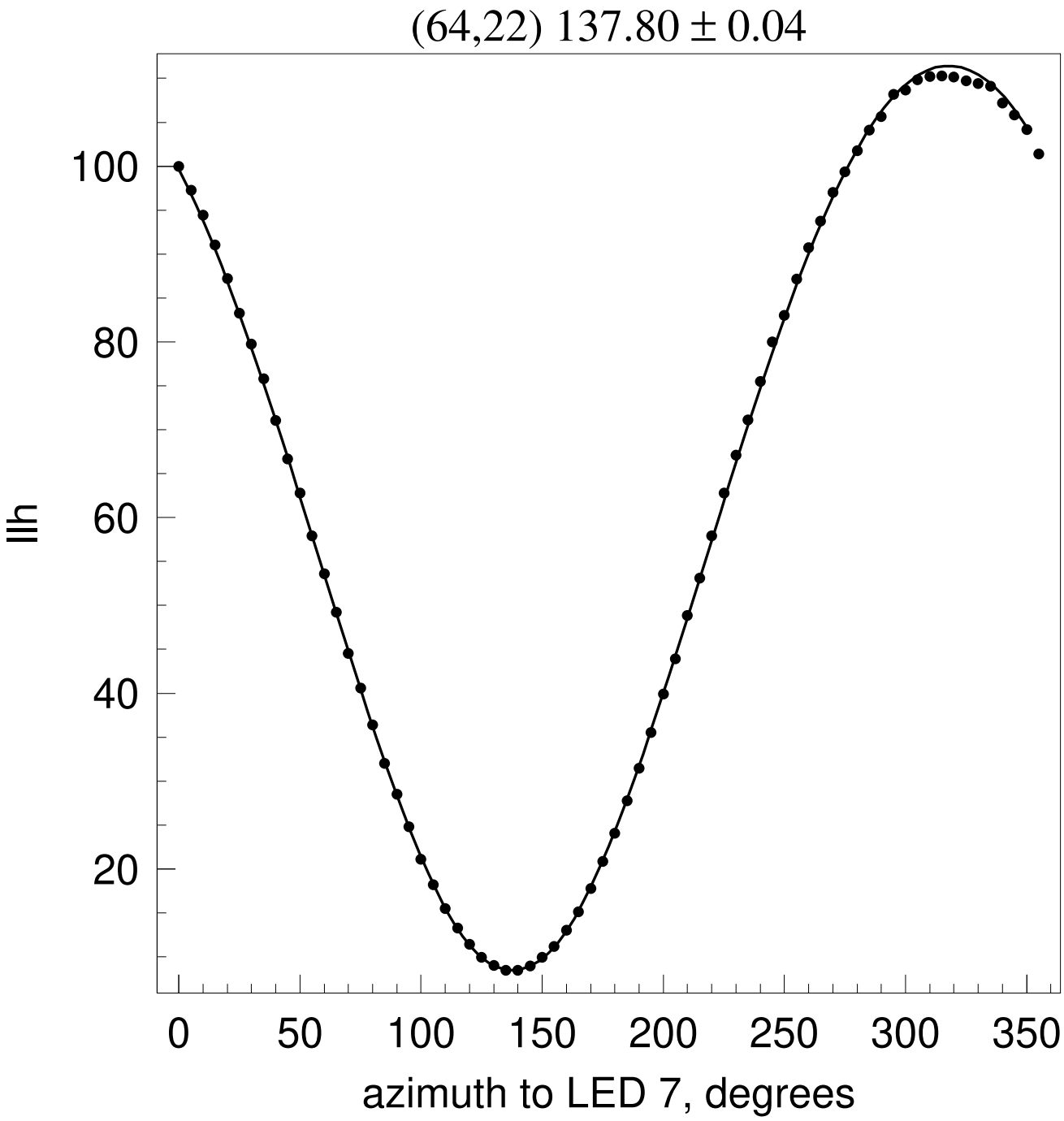

(64,17) 222.54 ± 0.04
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

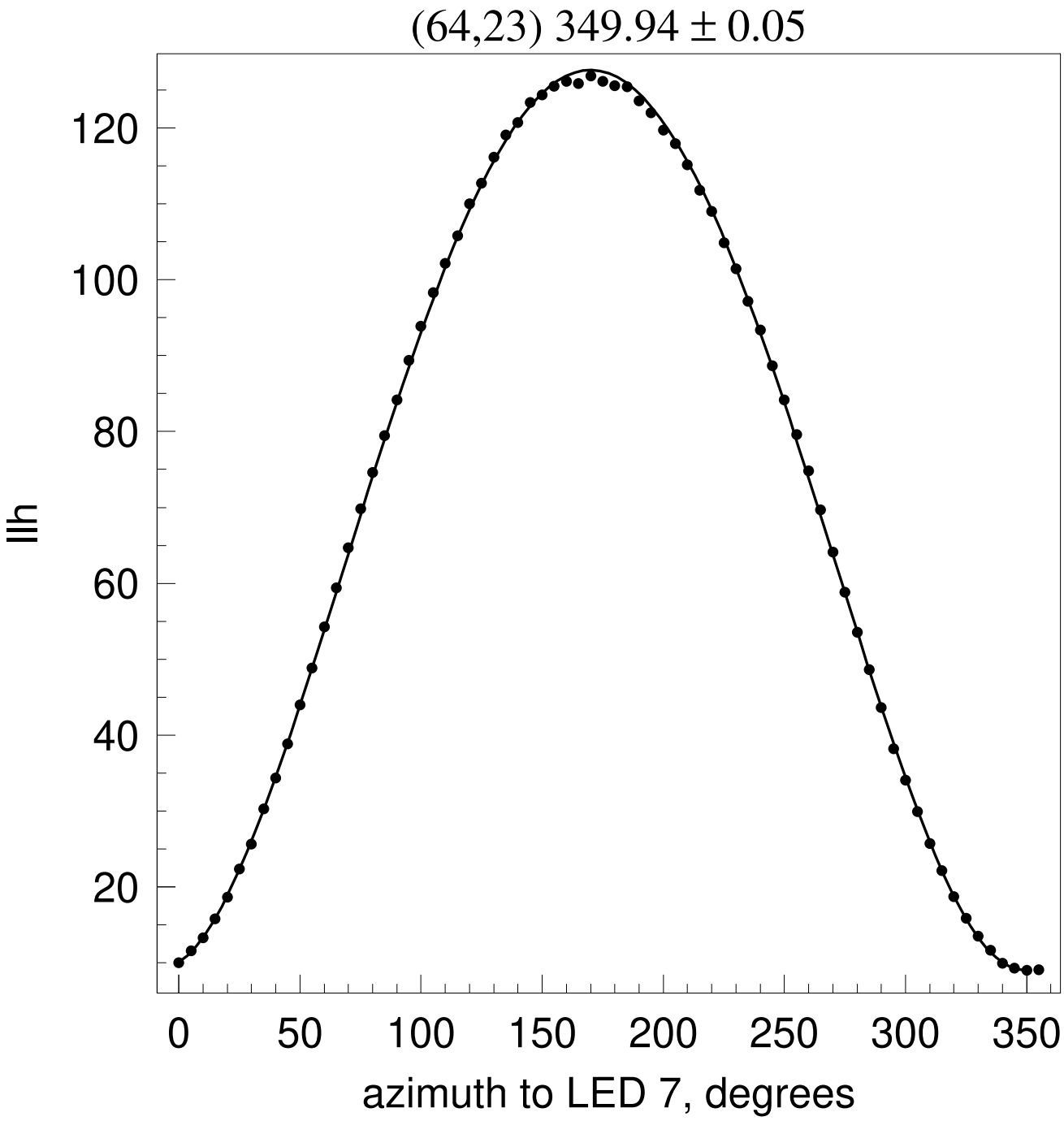

(64,18) 109.77 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

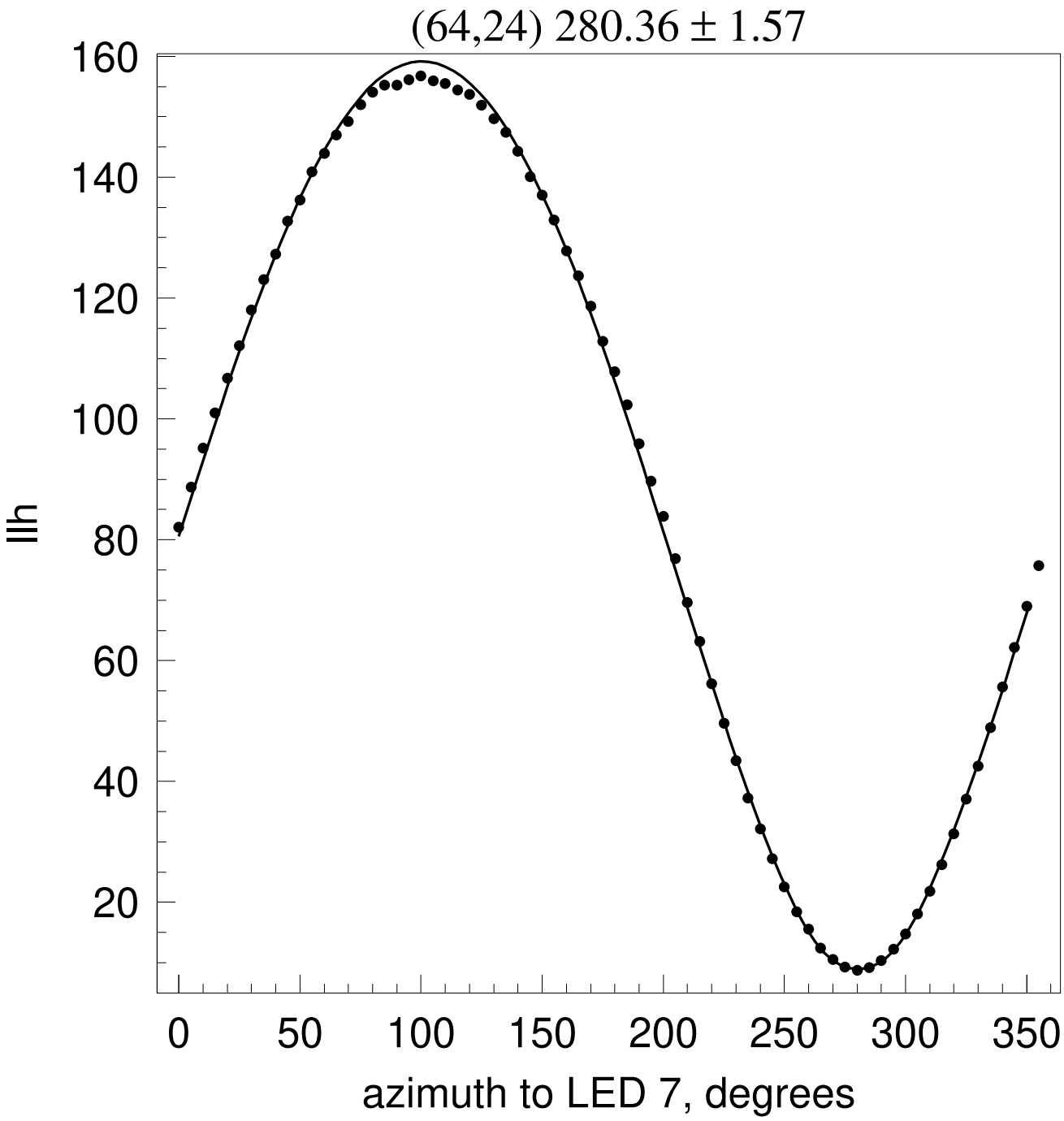

(64,19) 18.88 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

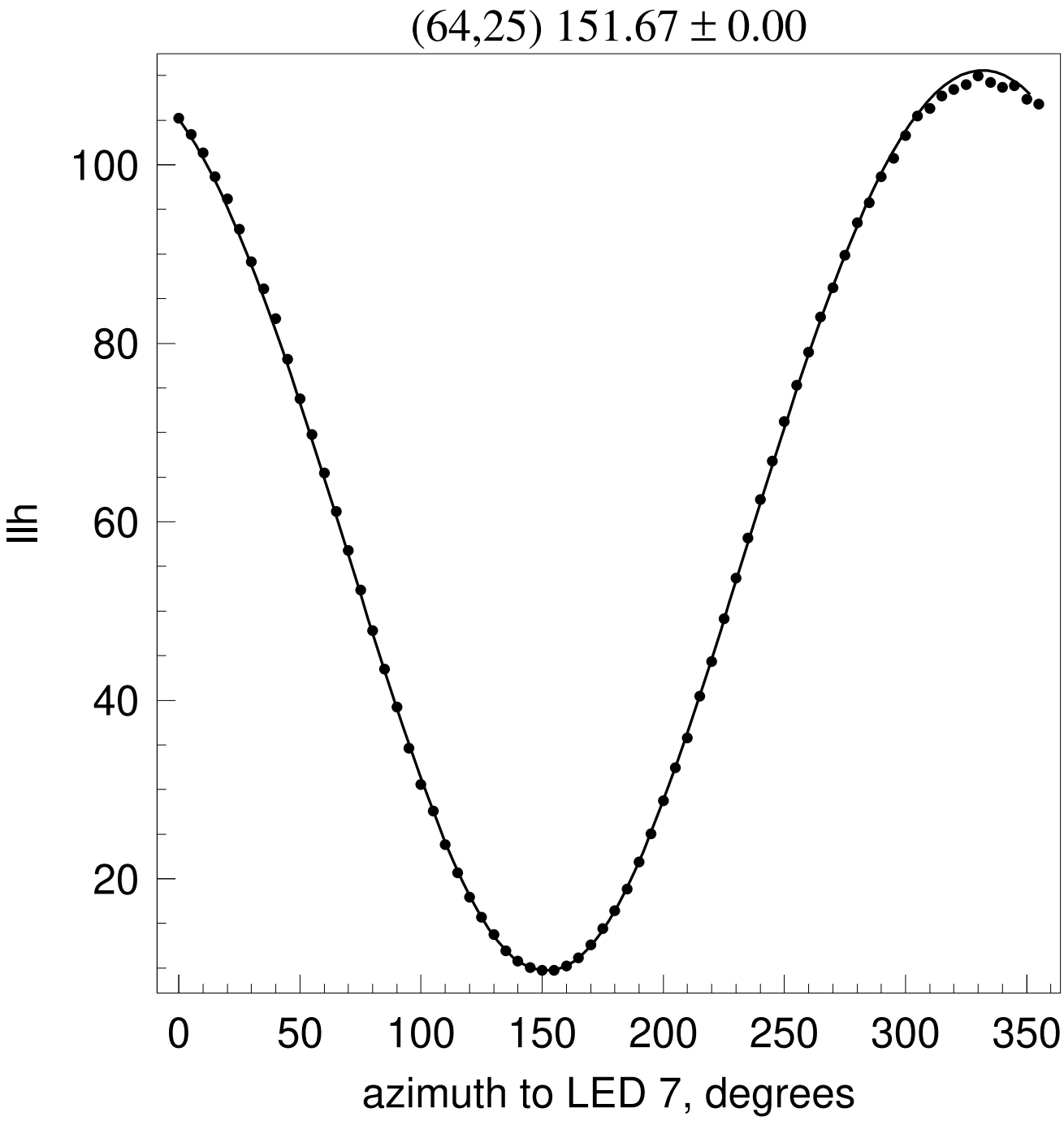

(64,20) 220.65 ± 0.08
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

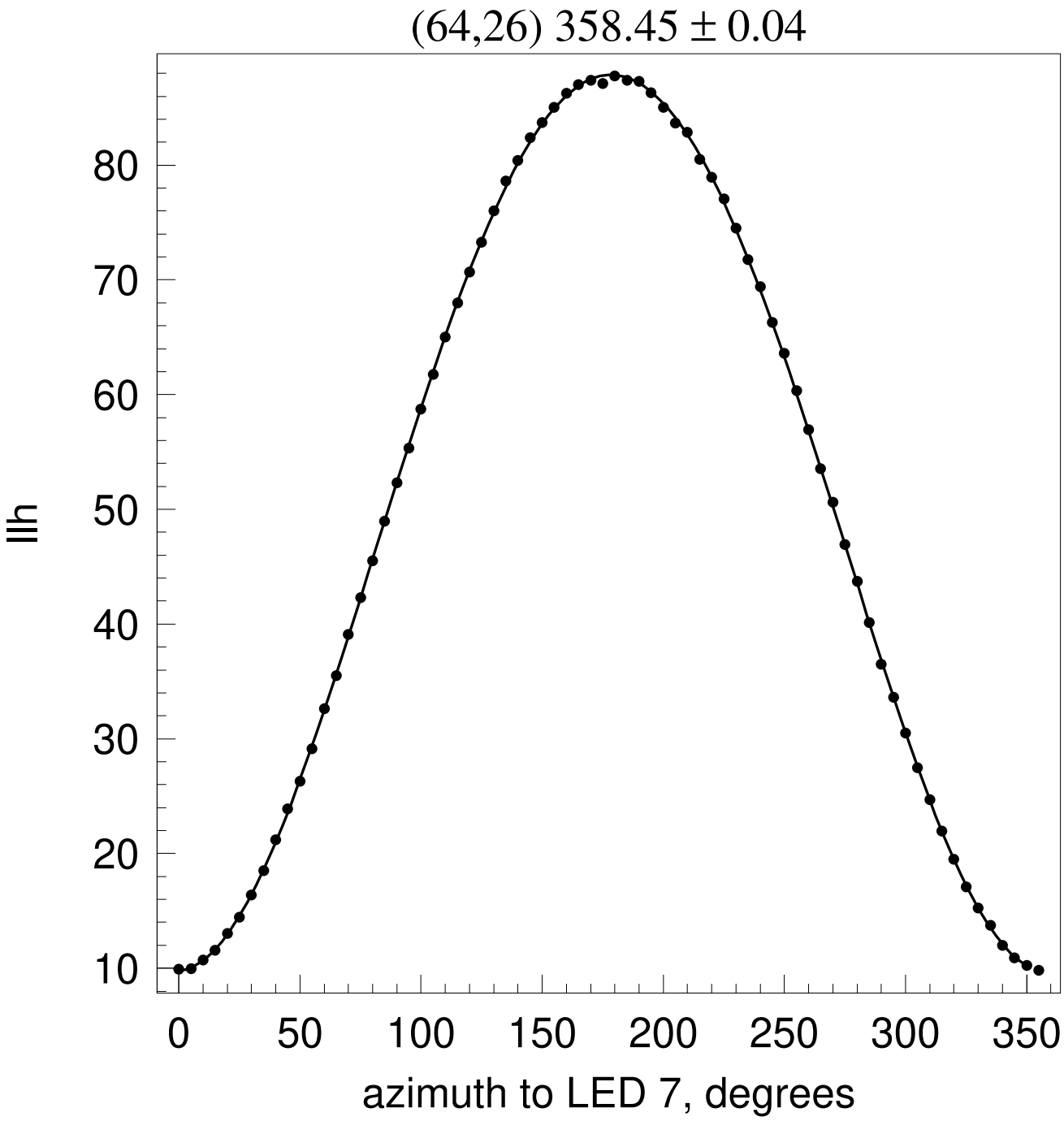

(64,21) 206.69 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

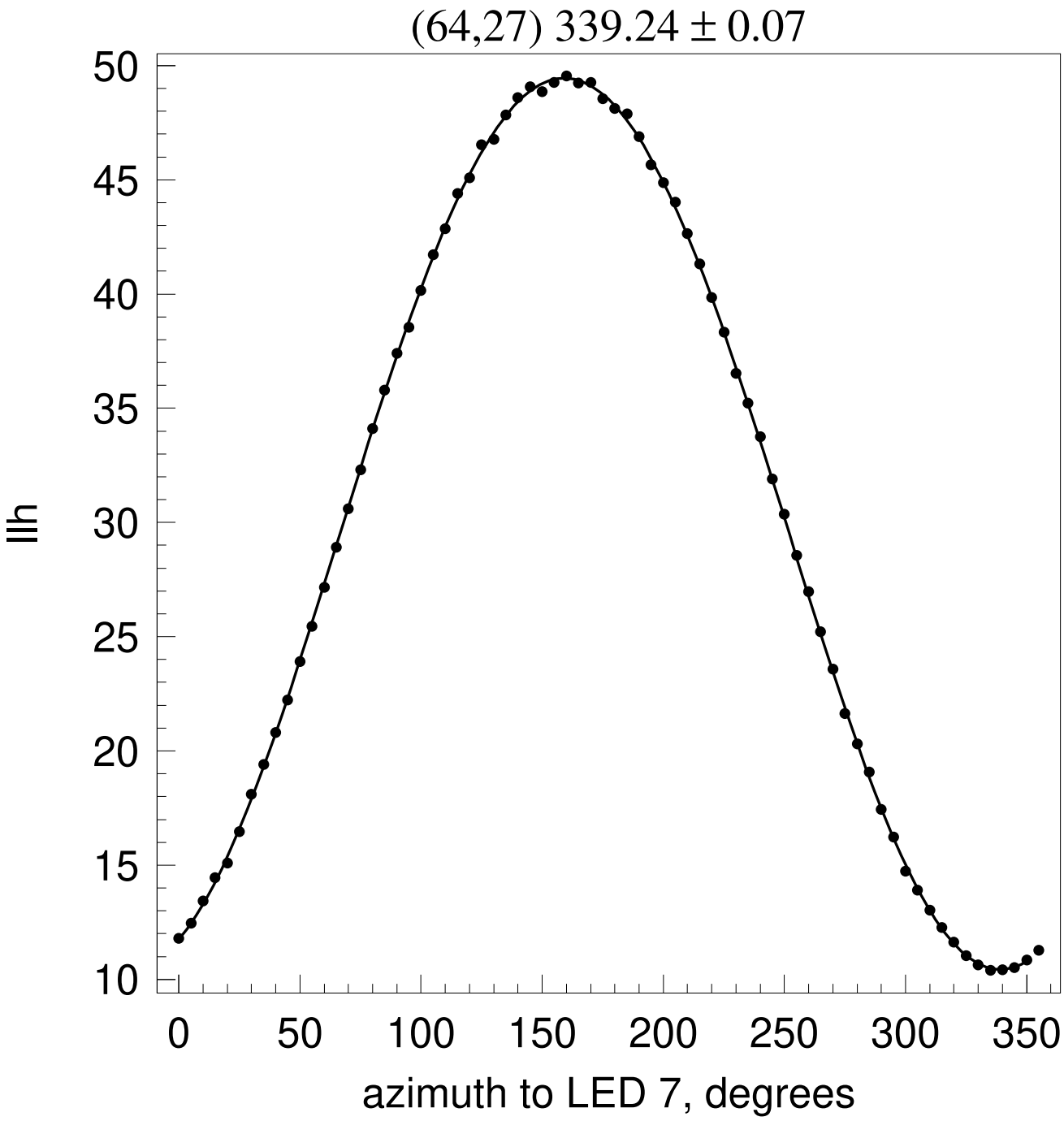

(64,22) 137.80 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

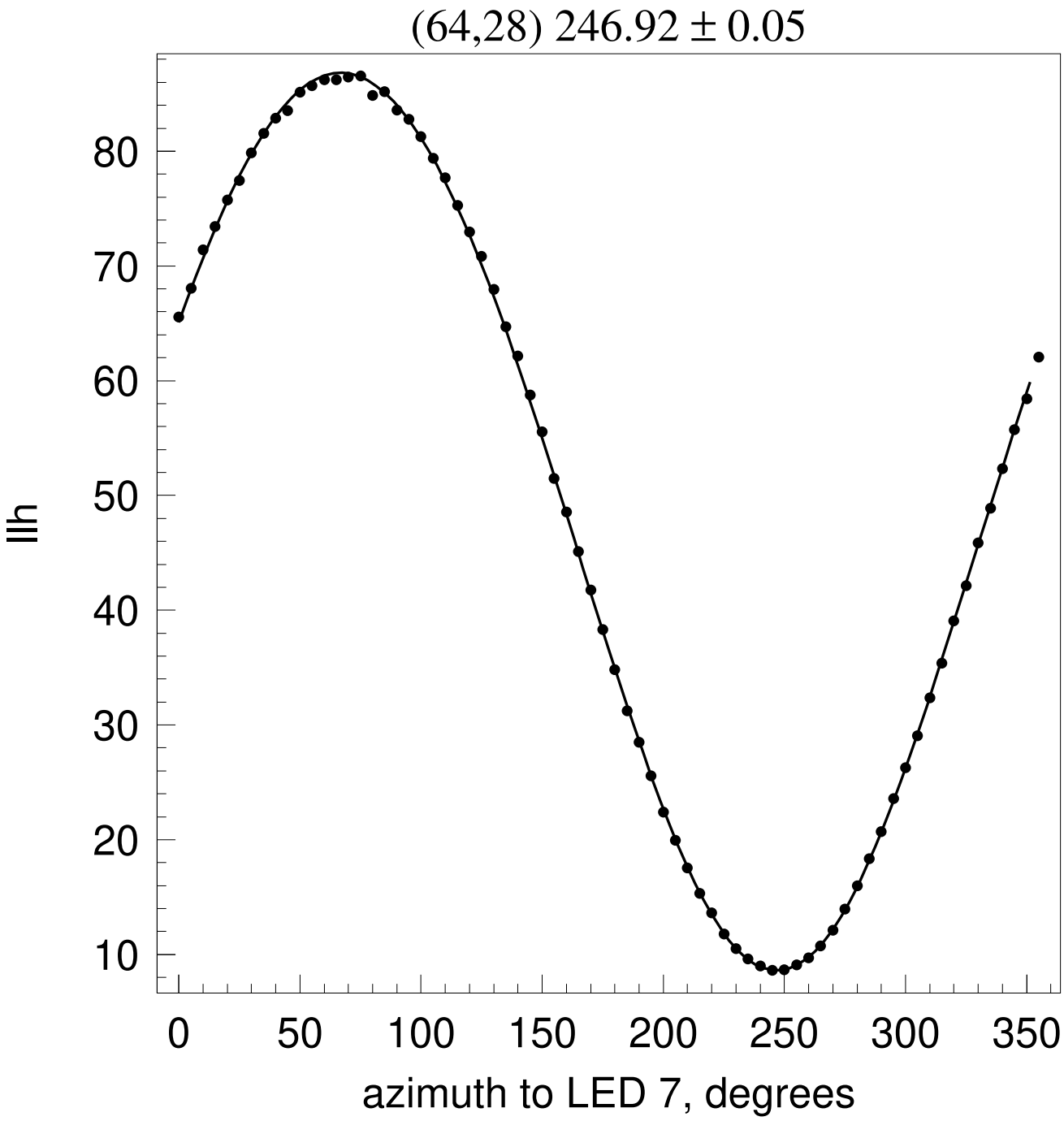

(64,23) 349.94 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

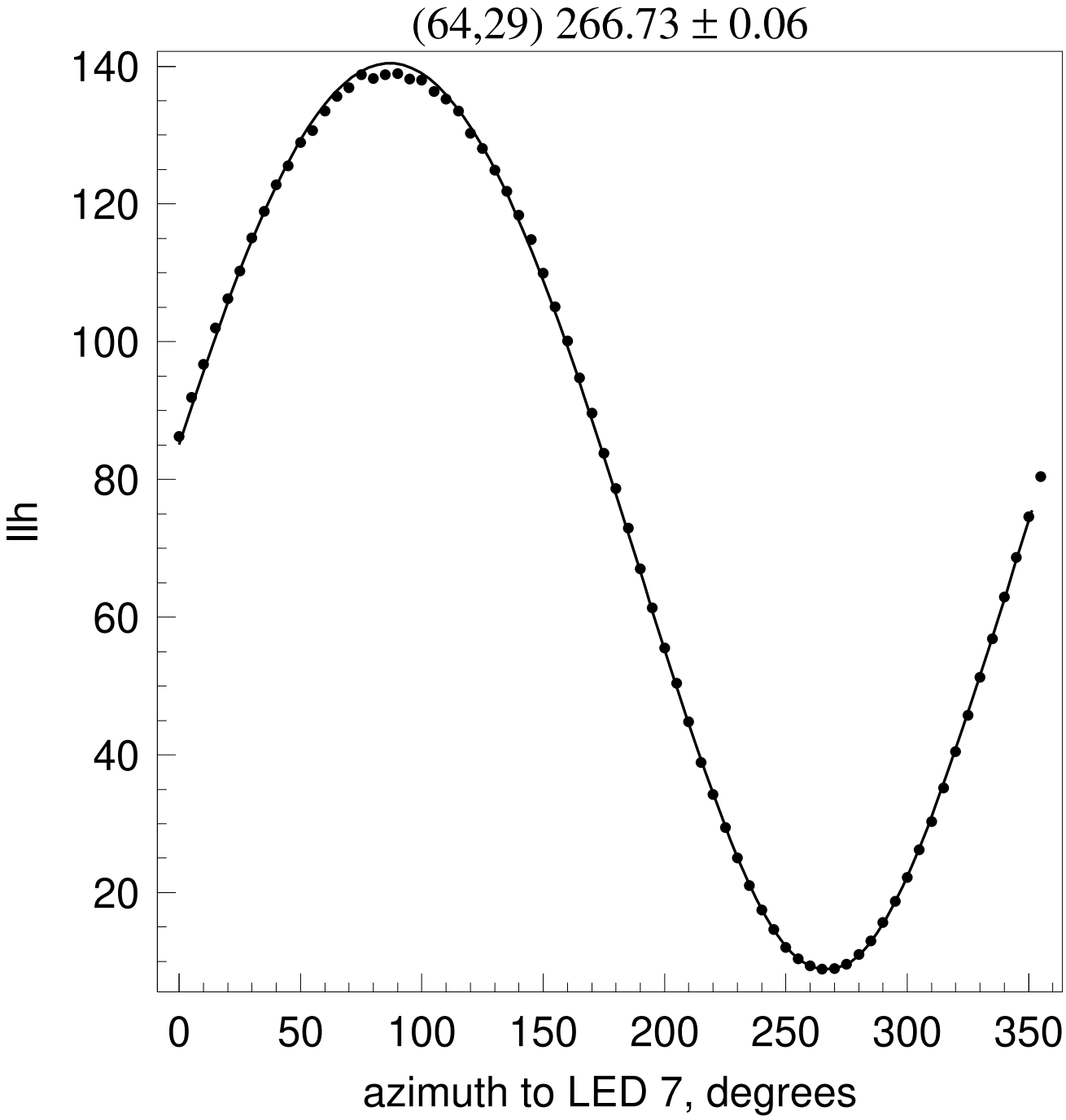

(64,24) 280.36 ± 1.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

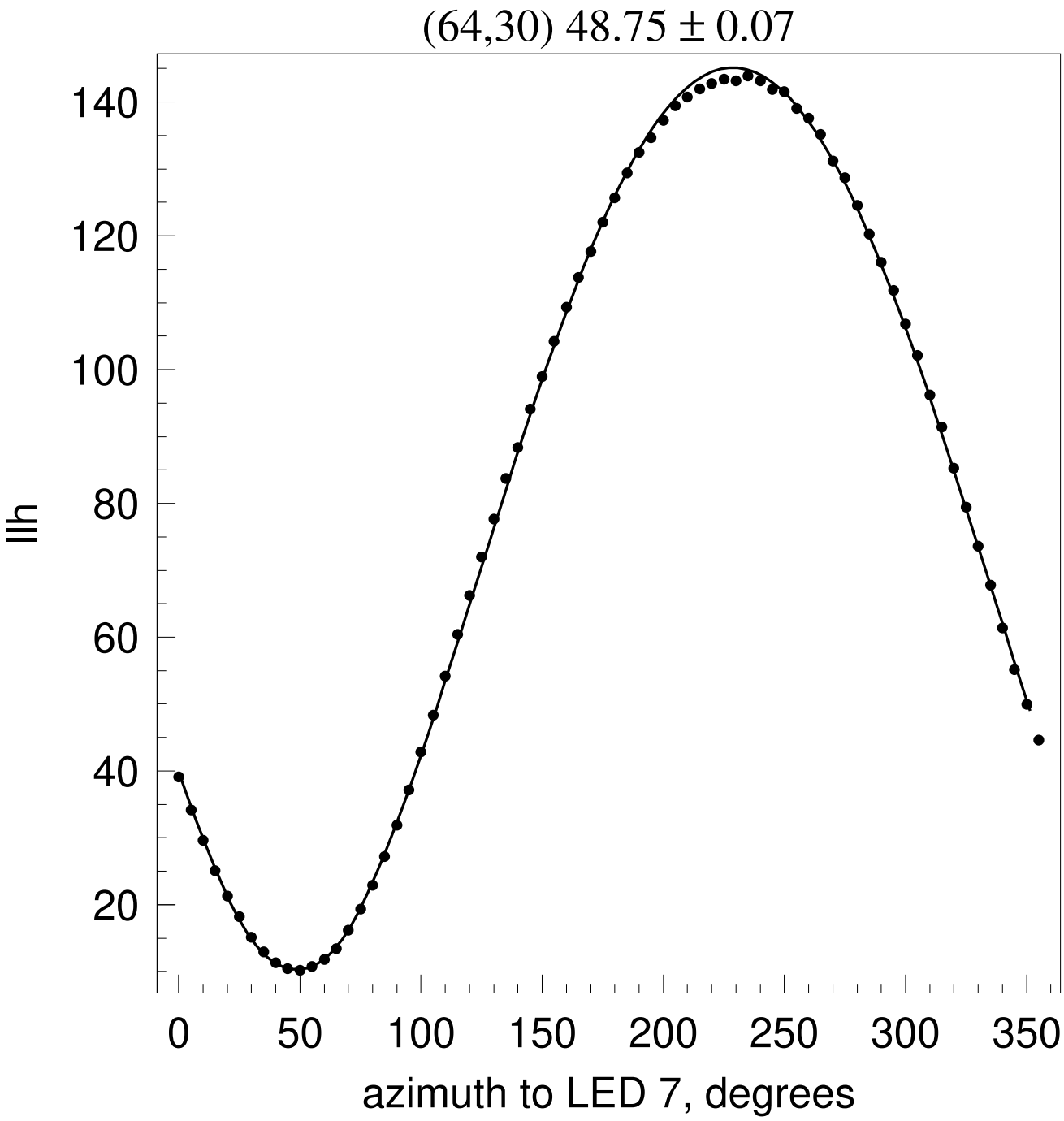

(64,25) 151.67 ± 0.00
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

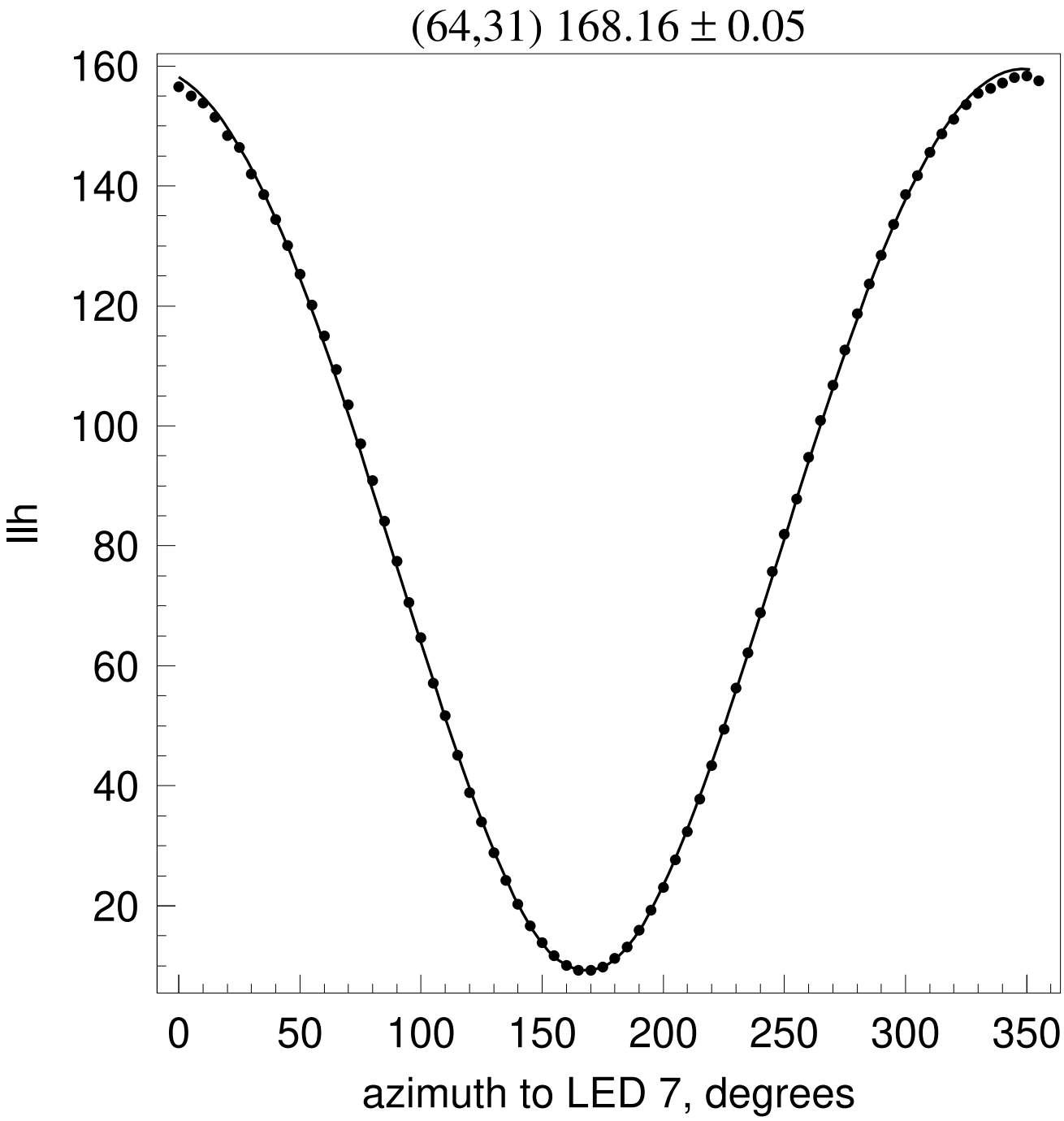

(64,26) 358.45 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

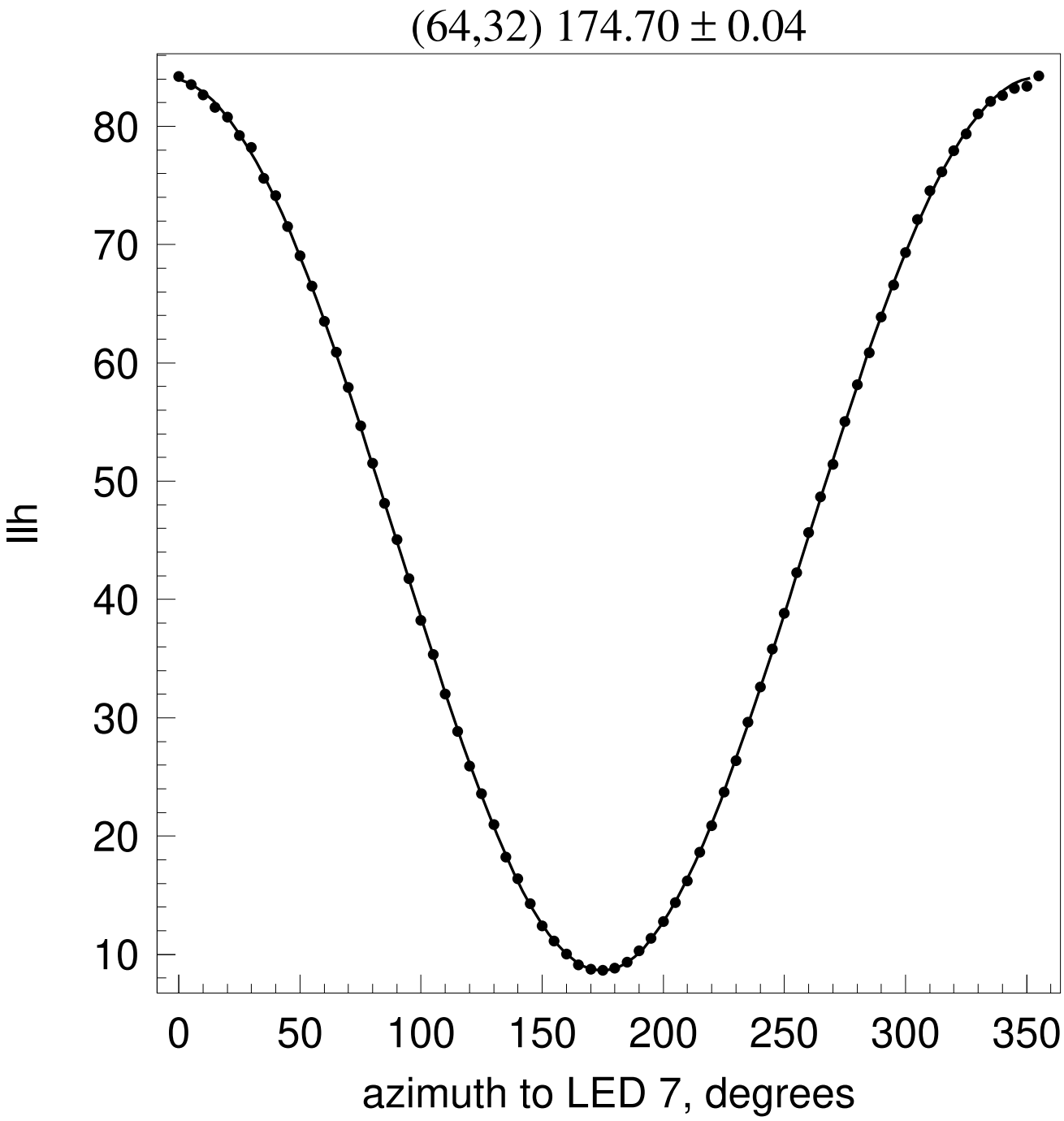

(64,27) 339.24 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

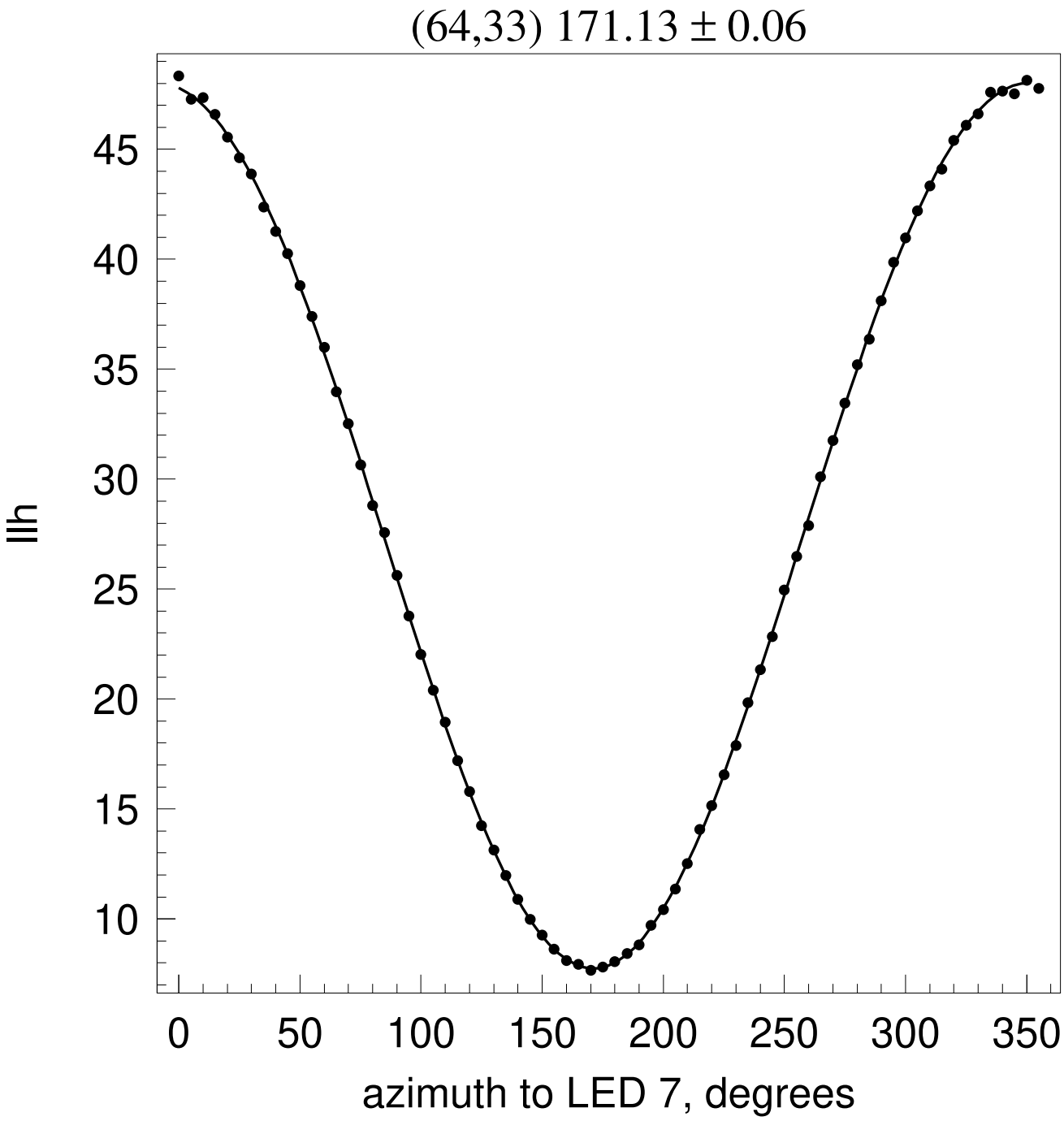

(64,28) 246.92 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

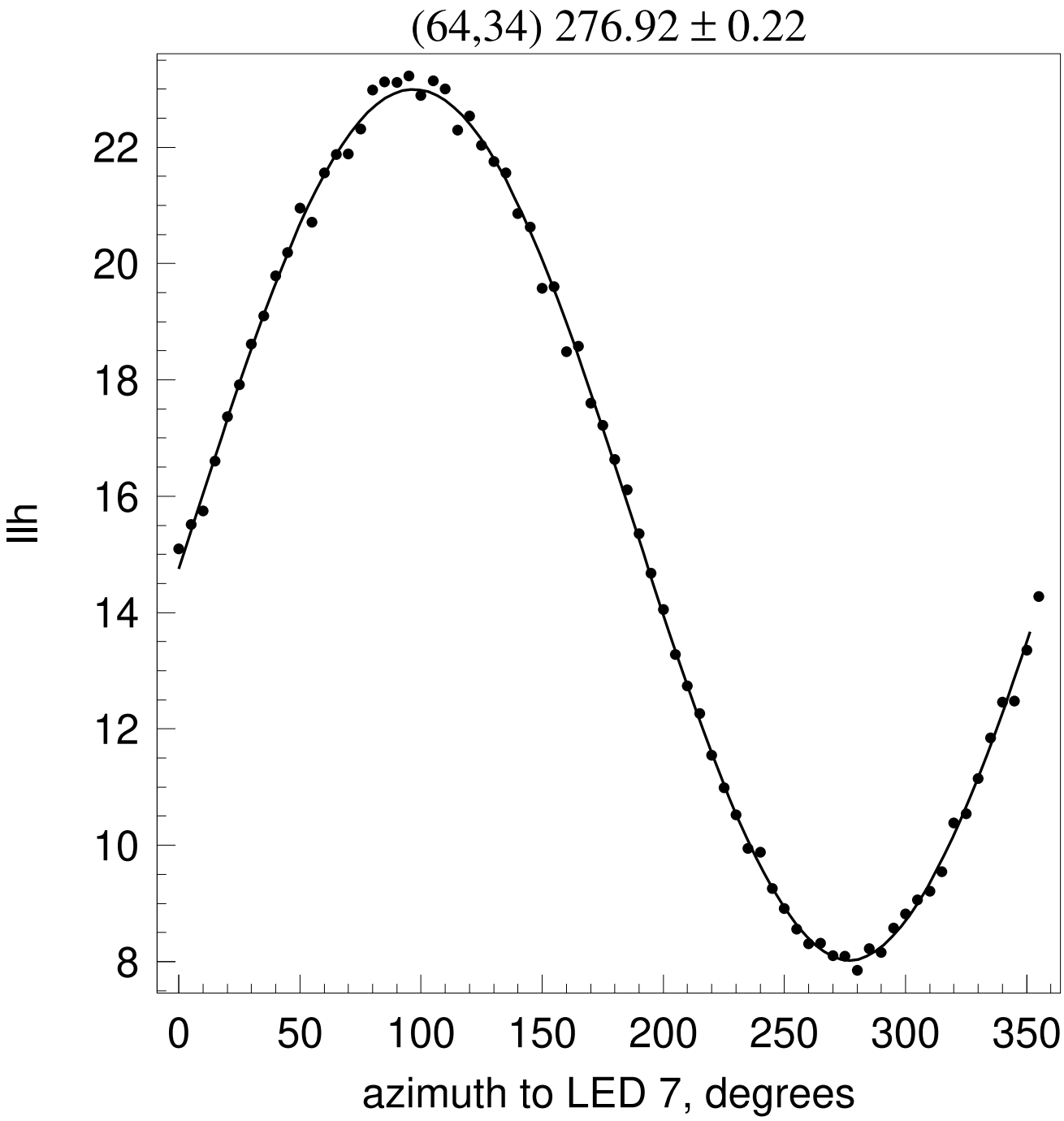

(64,29) 266.73 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

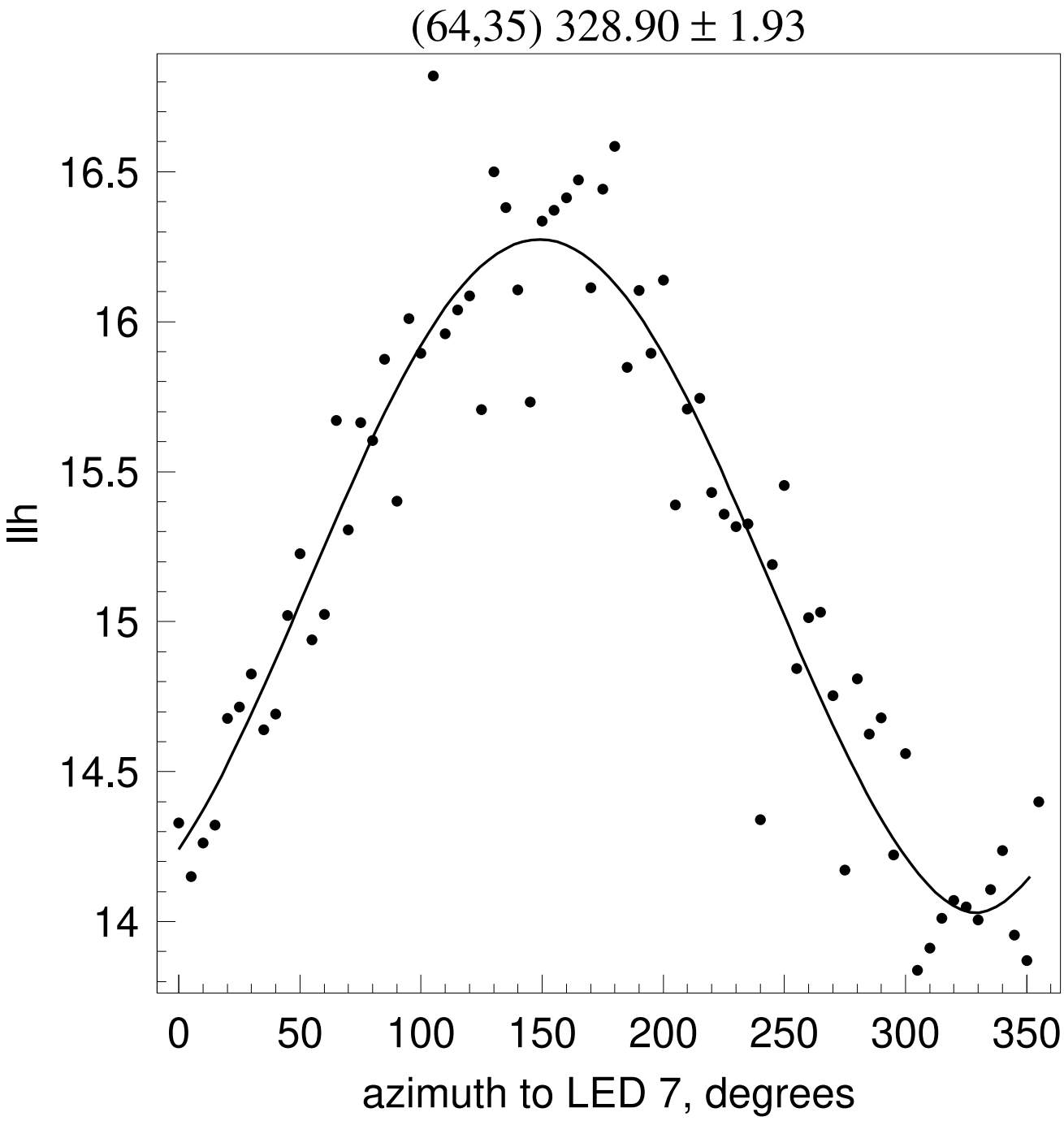

(64,30) 48.75 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

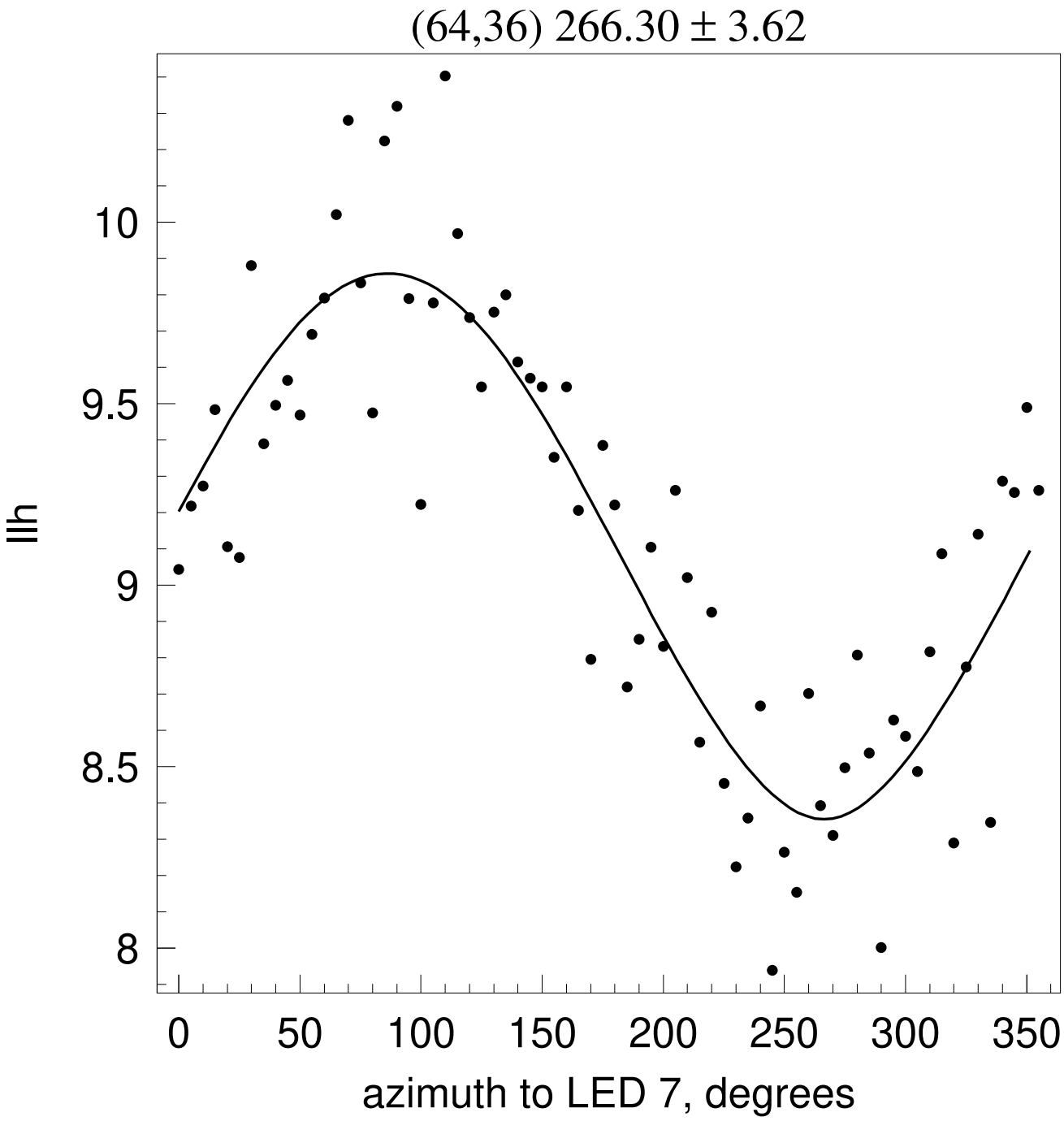

(64,31) 168.16 ± 0.05
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

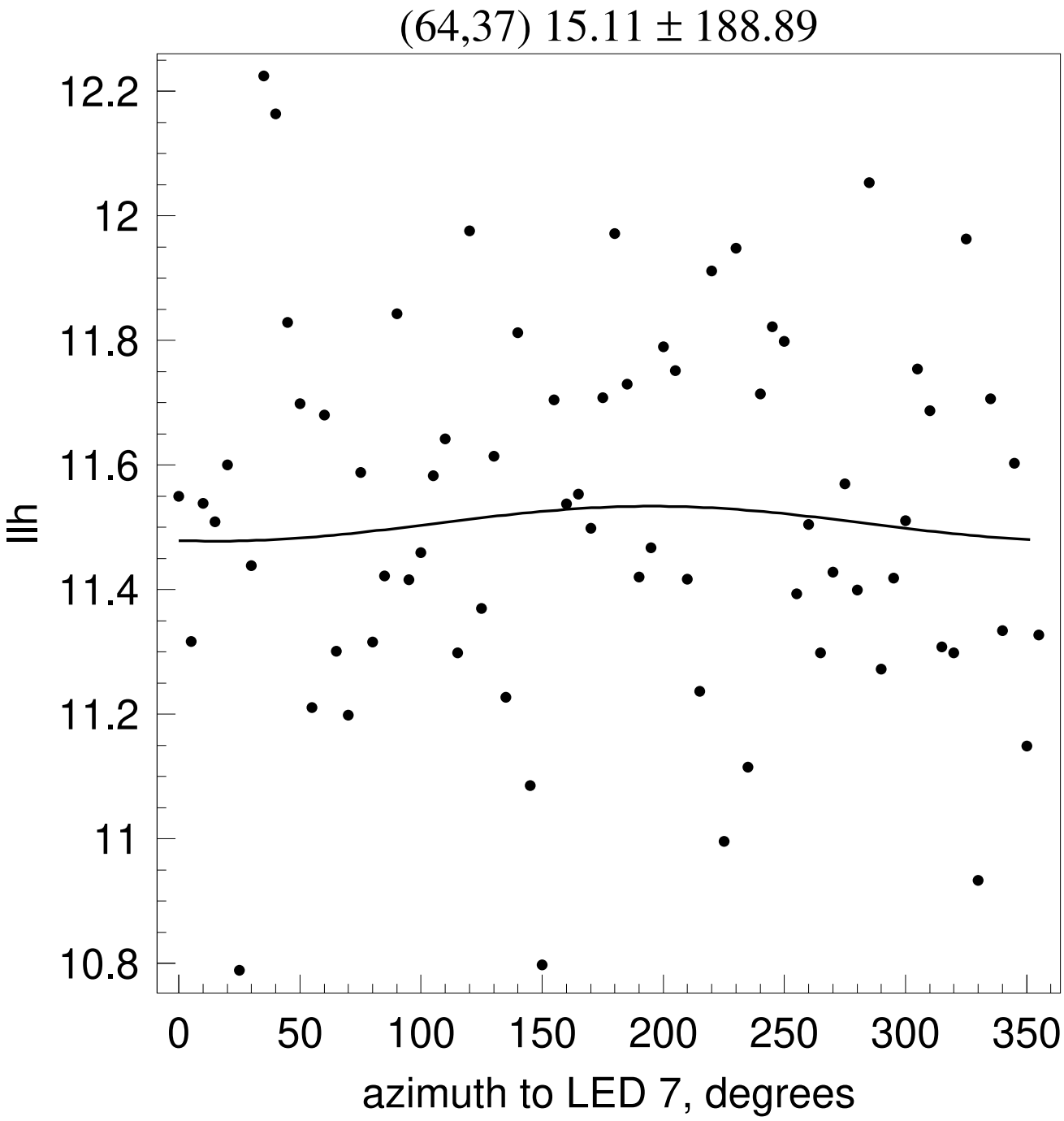

(64,32) 174.70 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

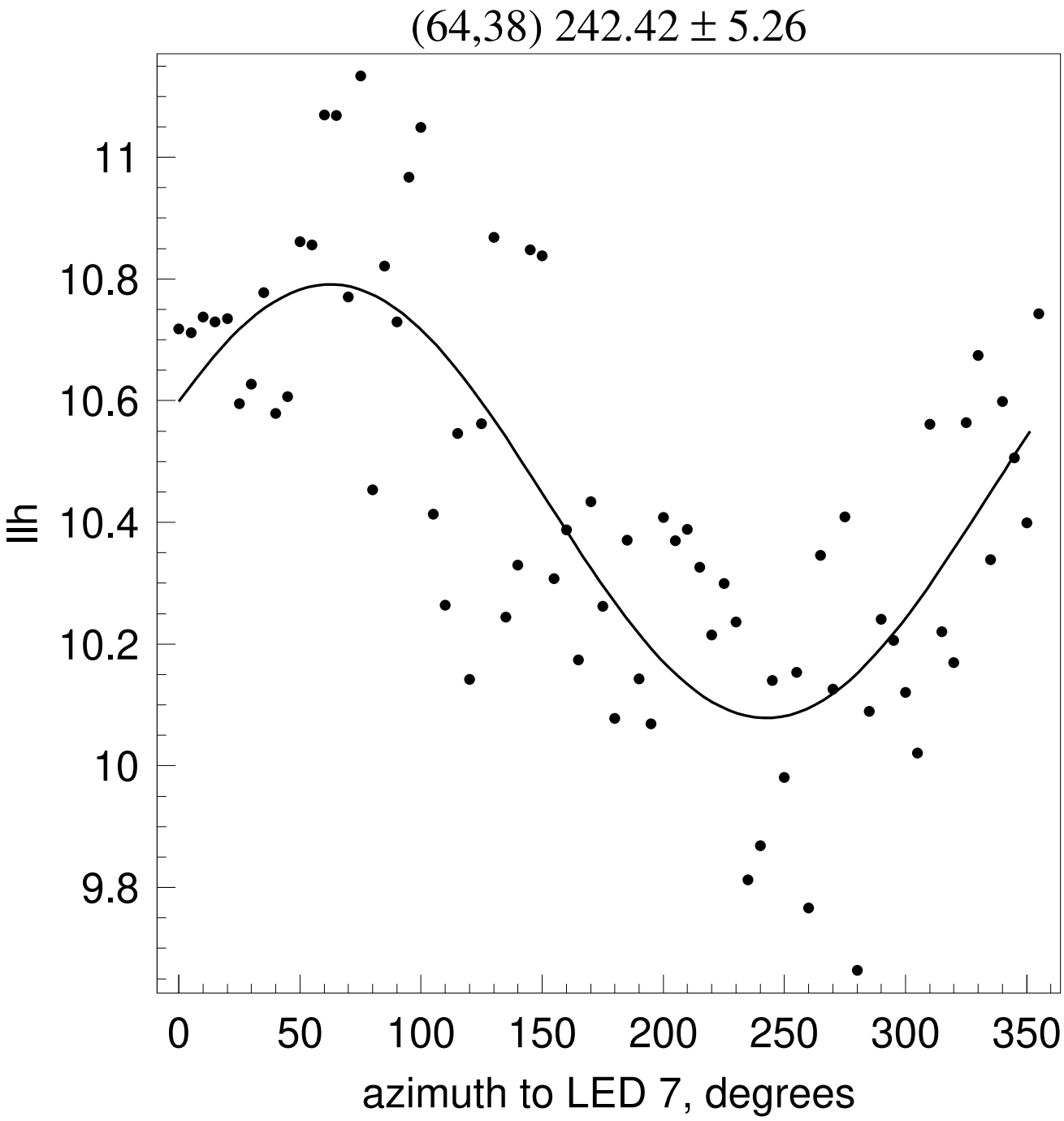

(64,33) 171.13 ± 0.06
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

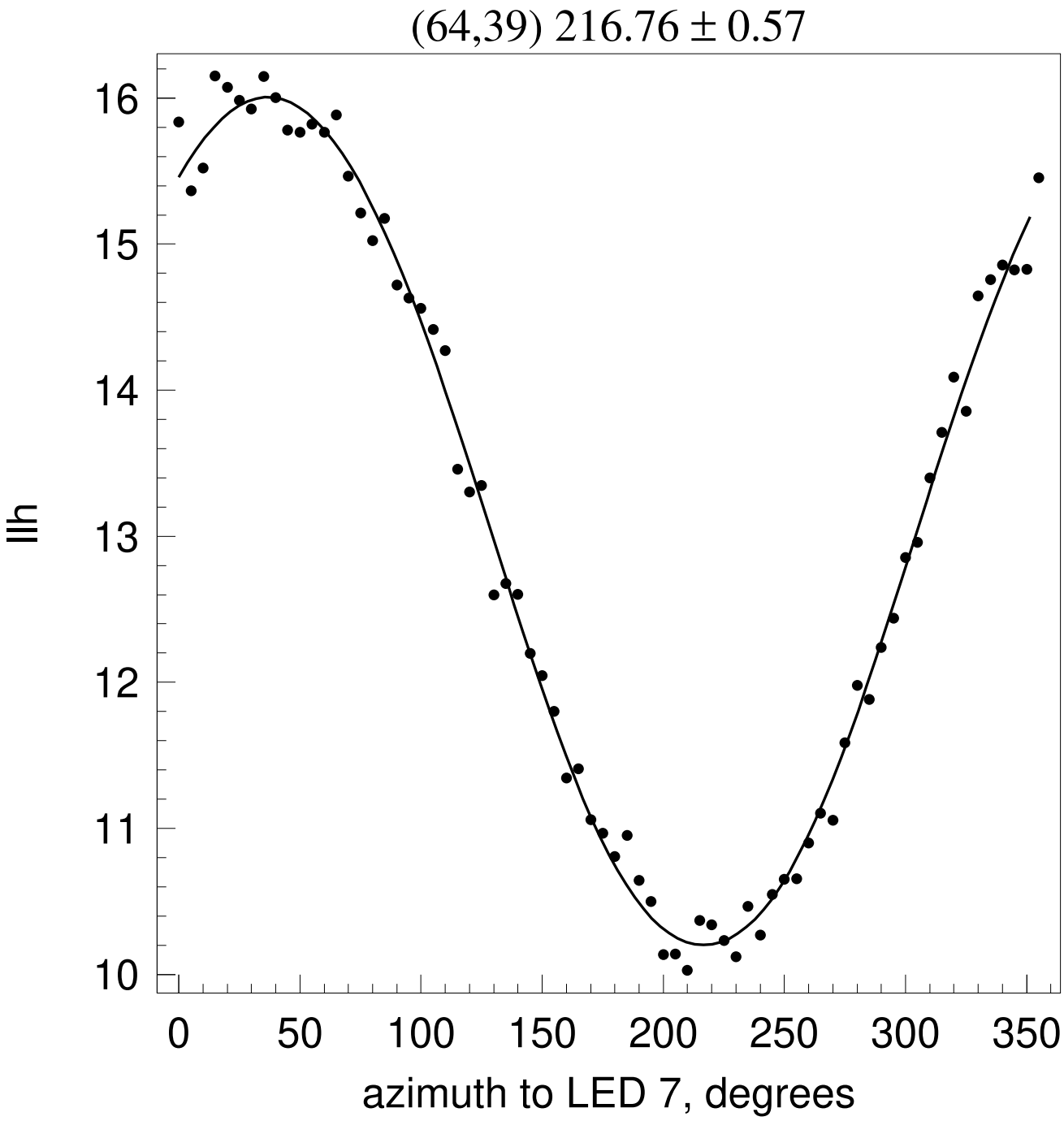

(64,34) 276.92 ± 0.22
IIh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

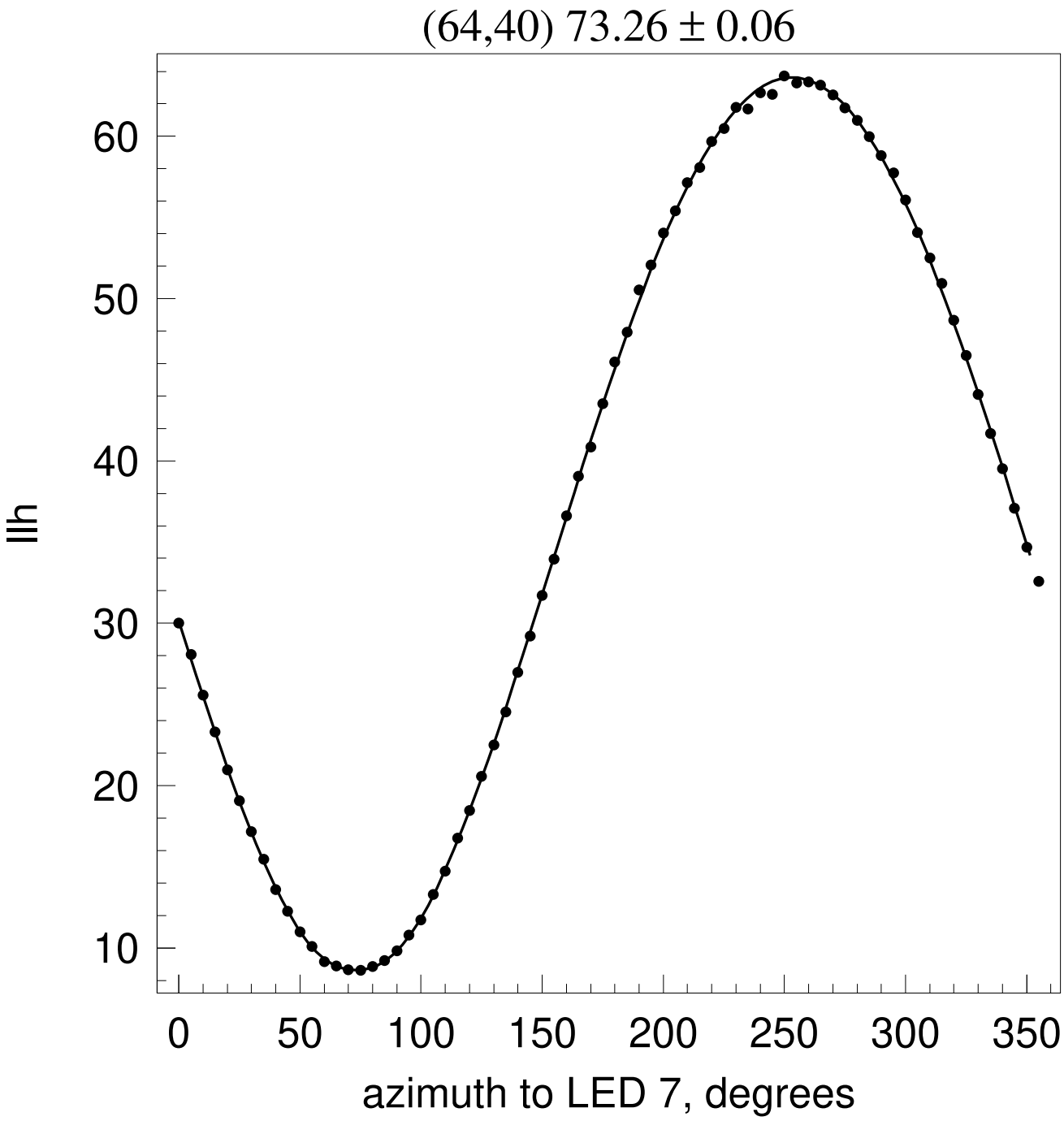

(64,35) 328.90 ± 1.93
16.5
16
15.5
15
14.5
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

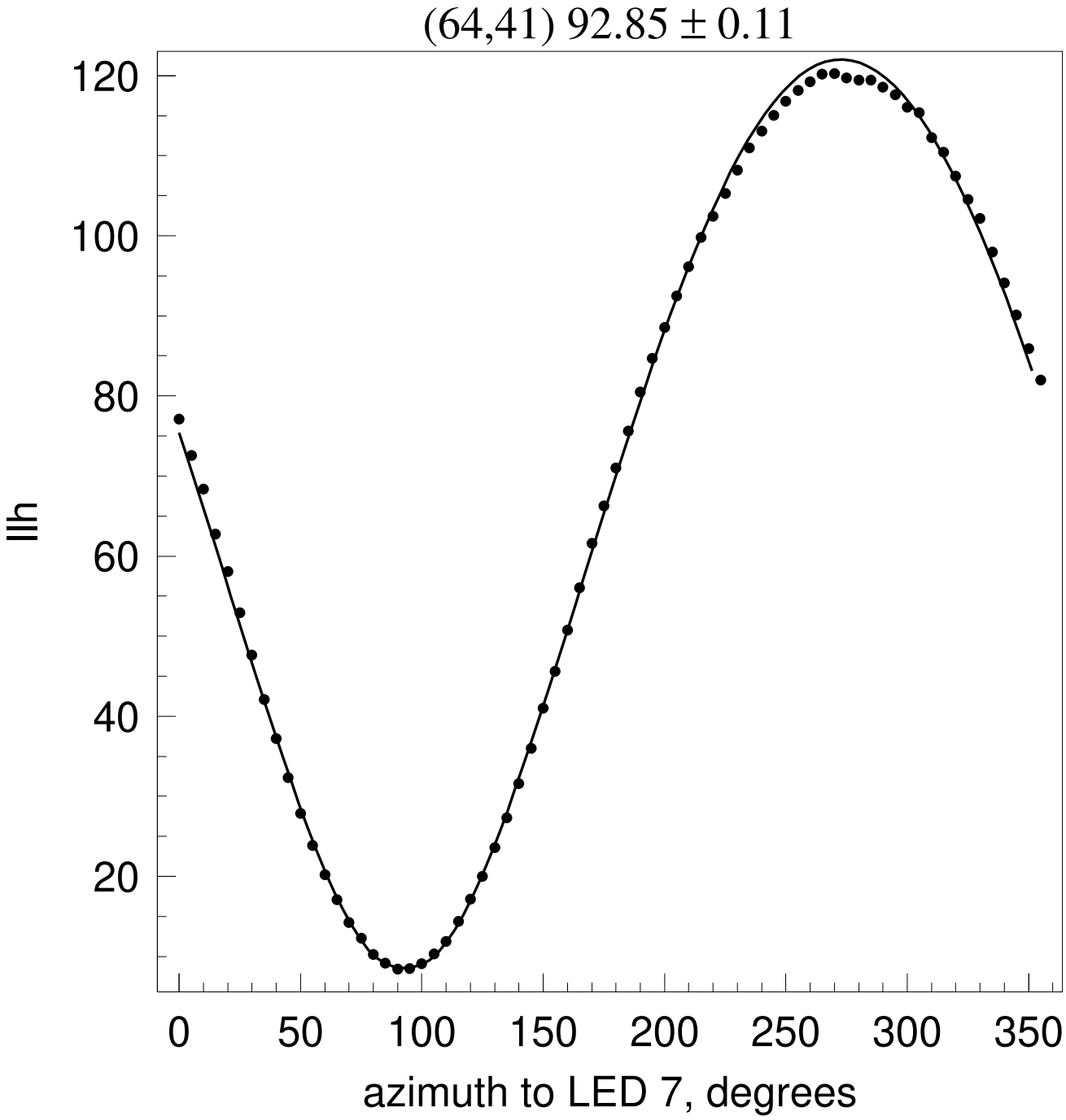

(64,36) 266.30 ± 3.62
10
9.5
9
8.5
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

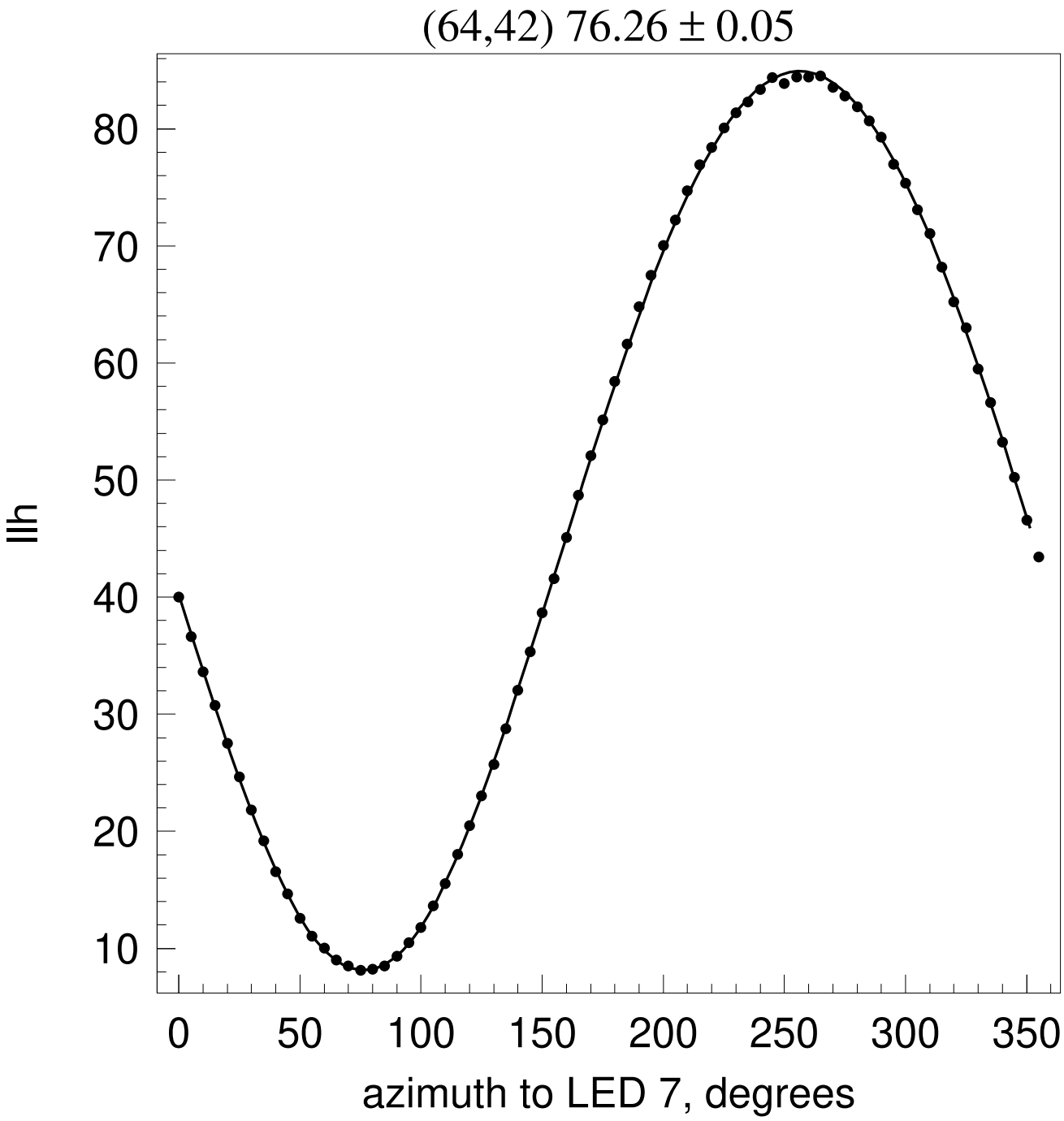

(64,37) 15.11 ± 188.89
12.2
12
11.8
11.6
11.4
11.2
11
10.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

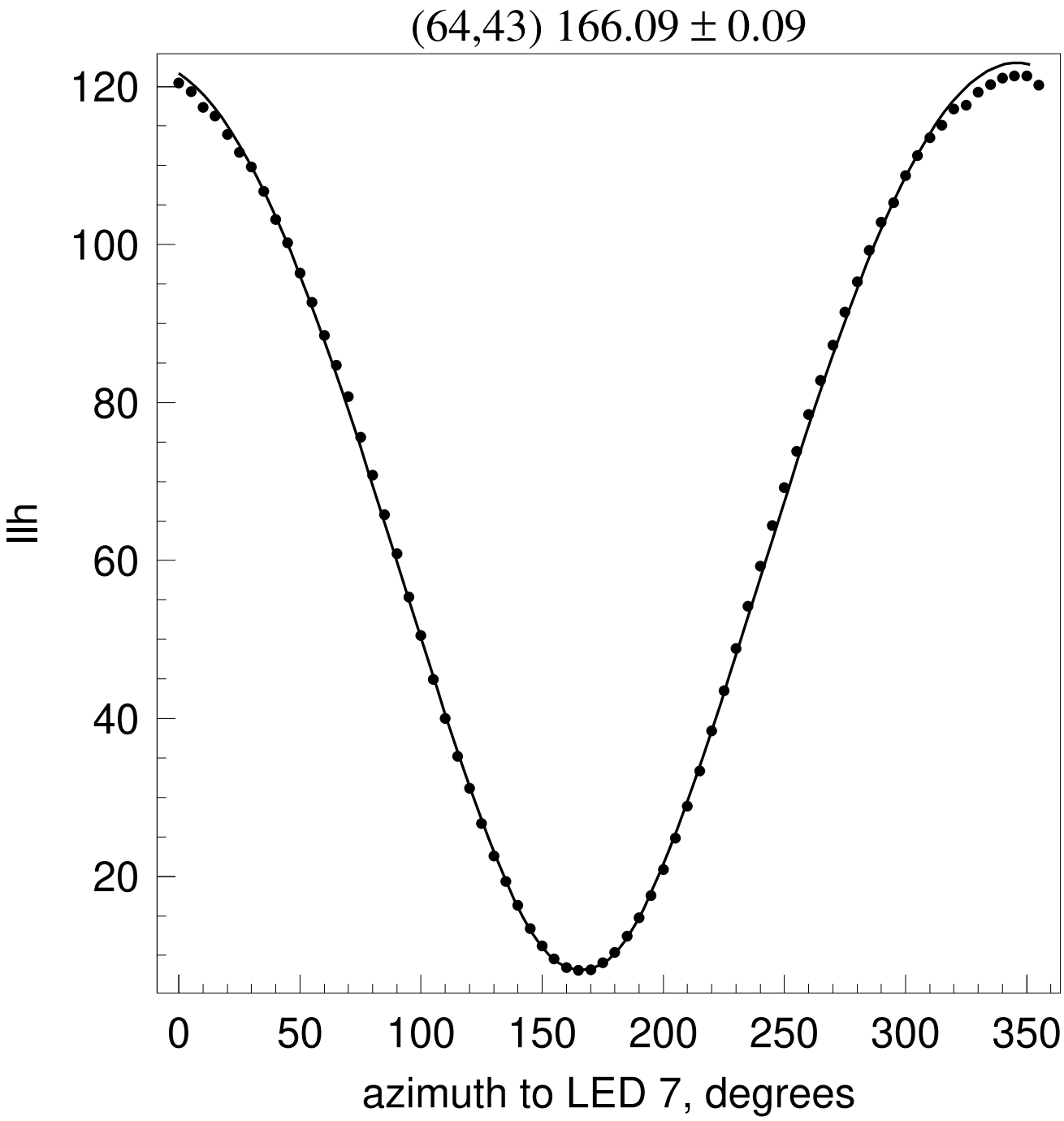

(64,38) 242.42 ± 5.26
11
10.8
10.6
10.4
10.2
10
9.8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

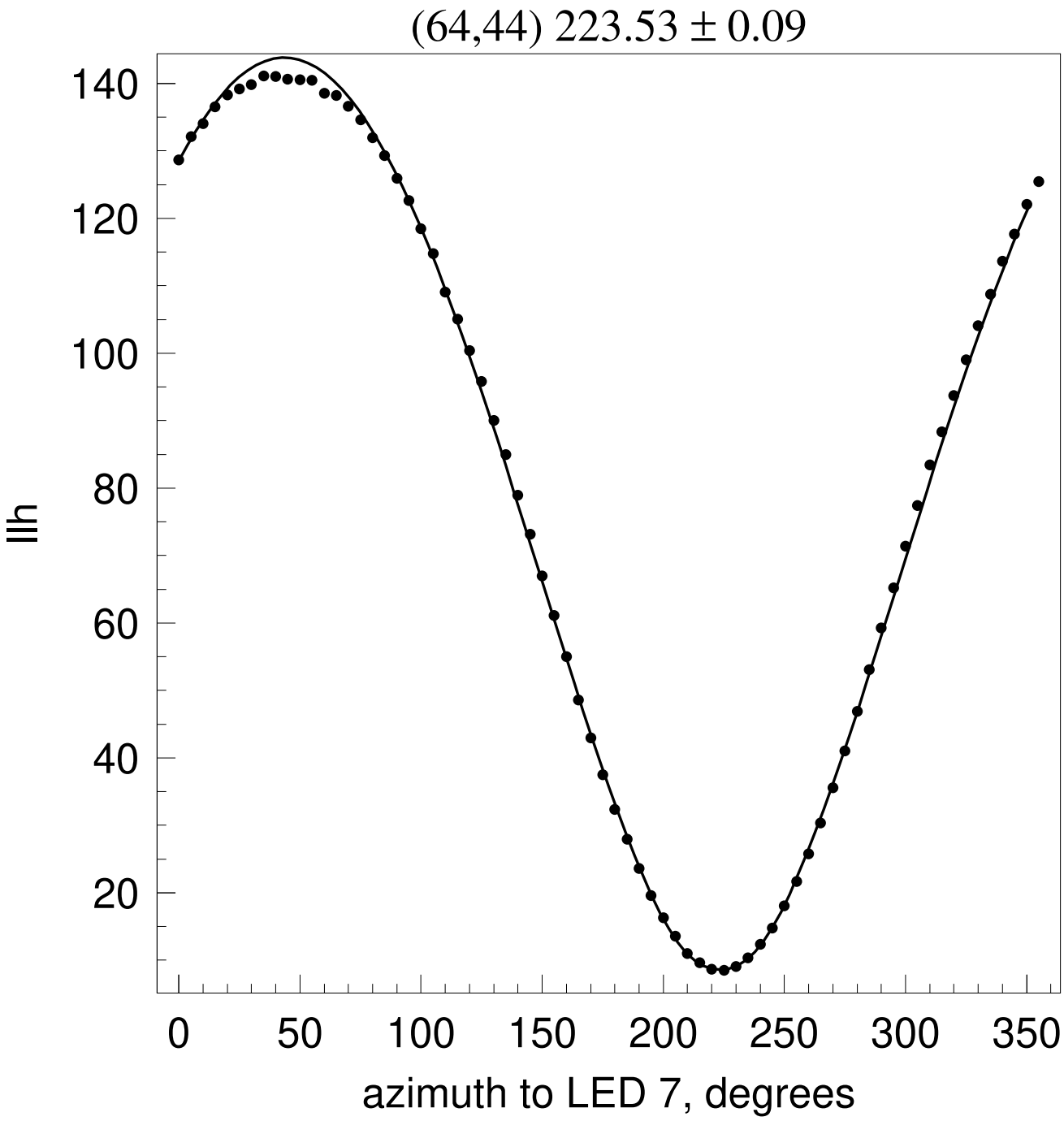

(64,39) 216.76 ± 0.57
16
15
14
13
12
11
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

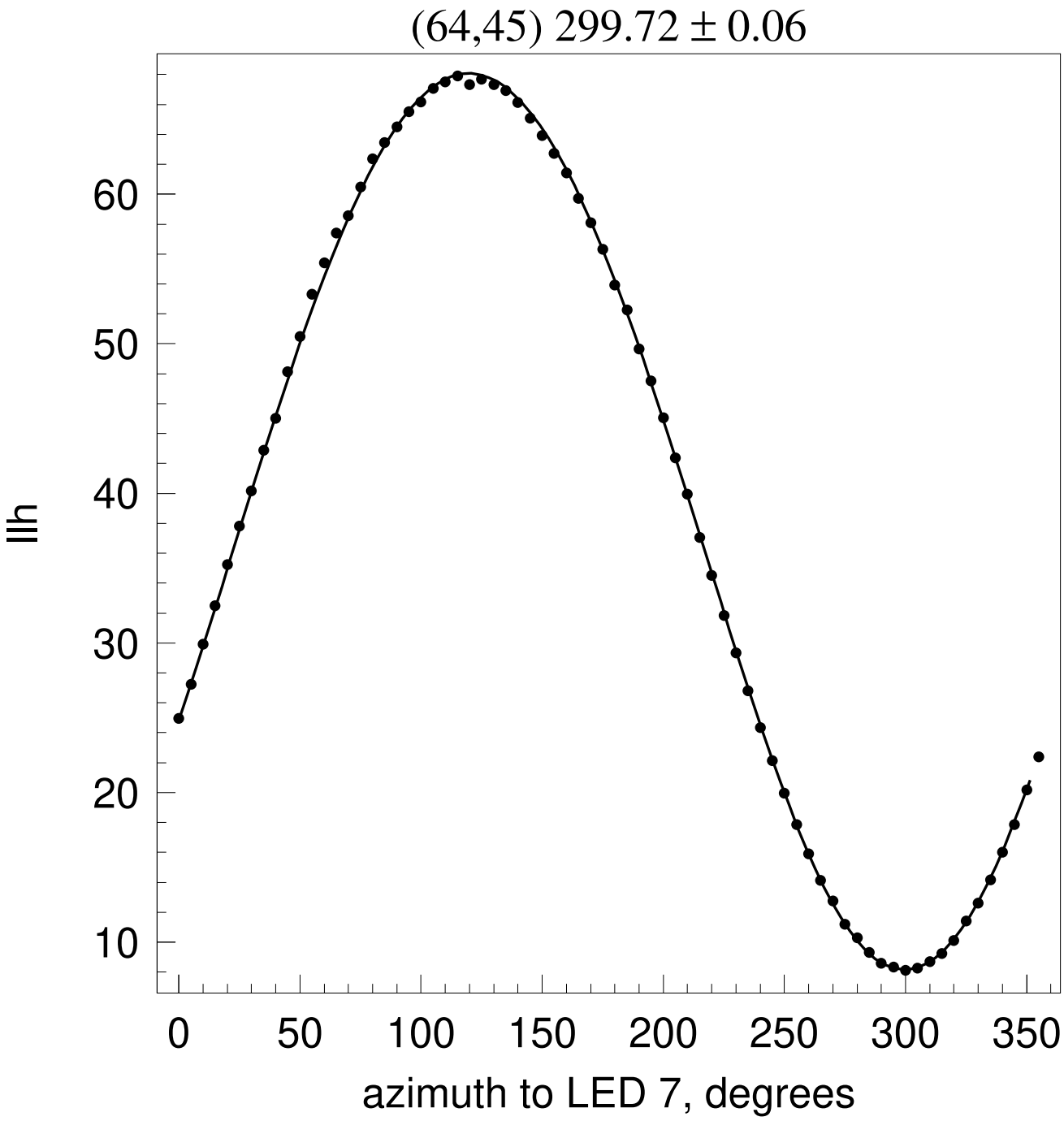

(64,40) 73.26 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

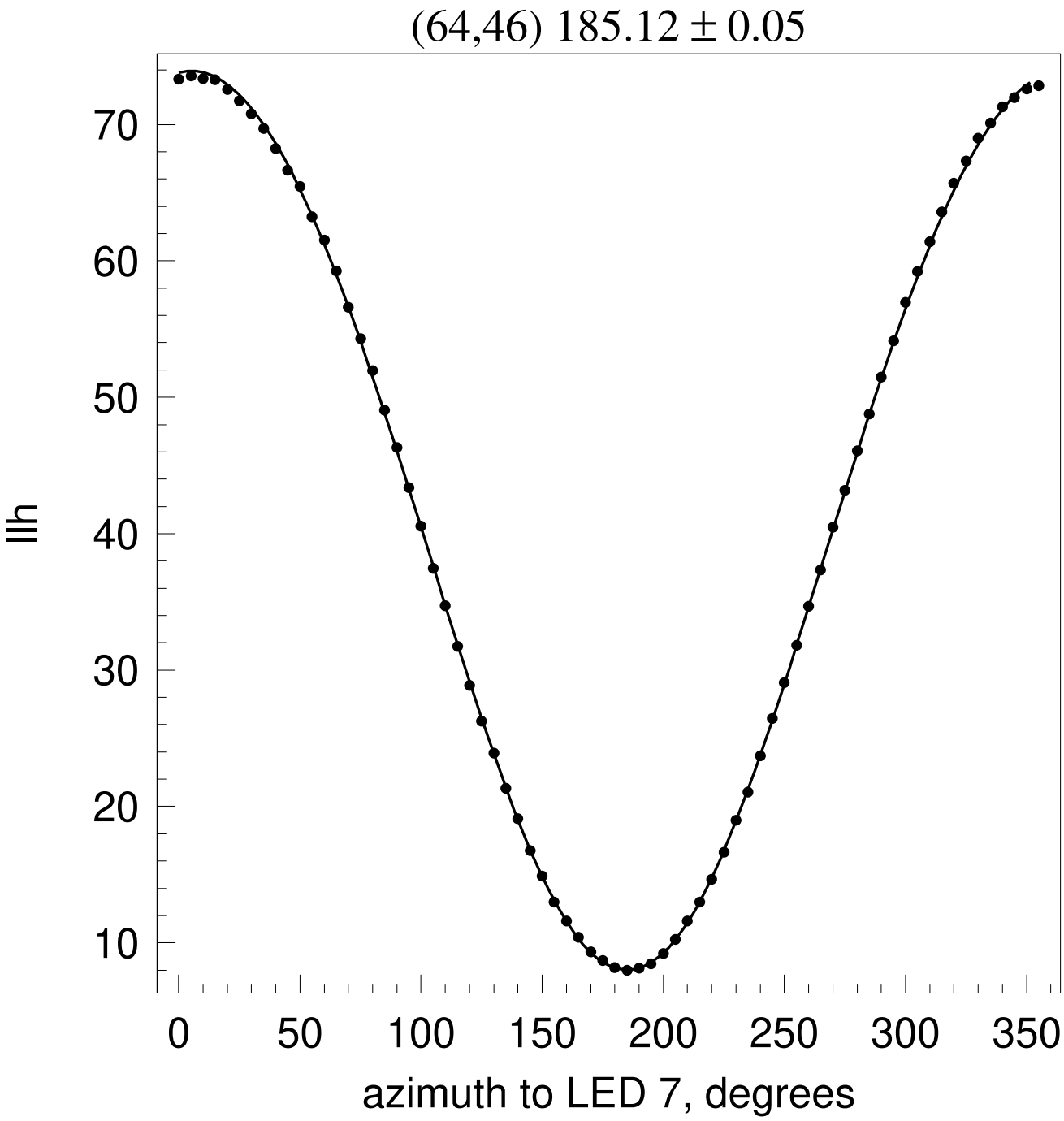

(64,41) 92.85 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

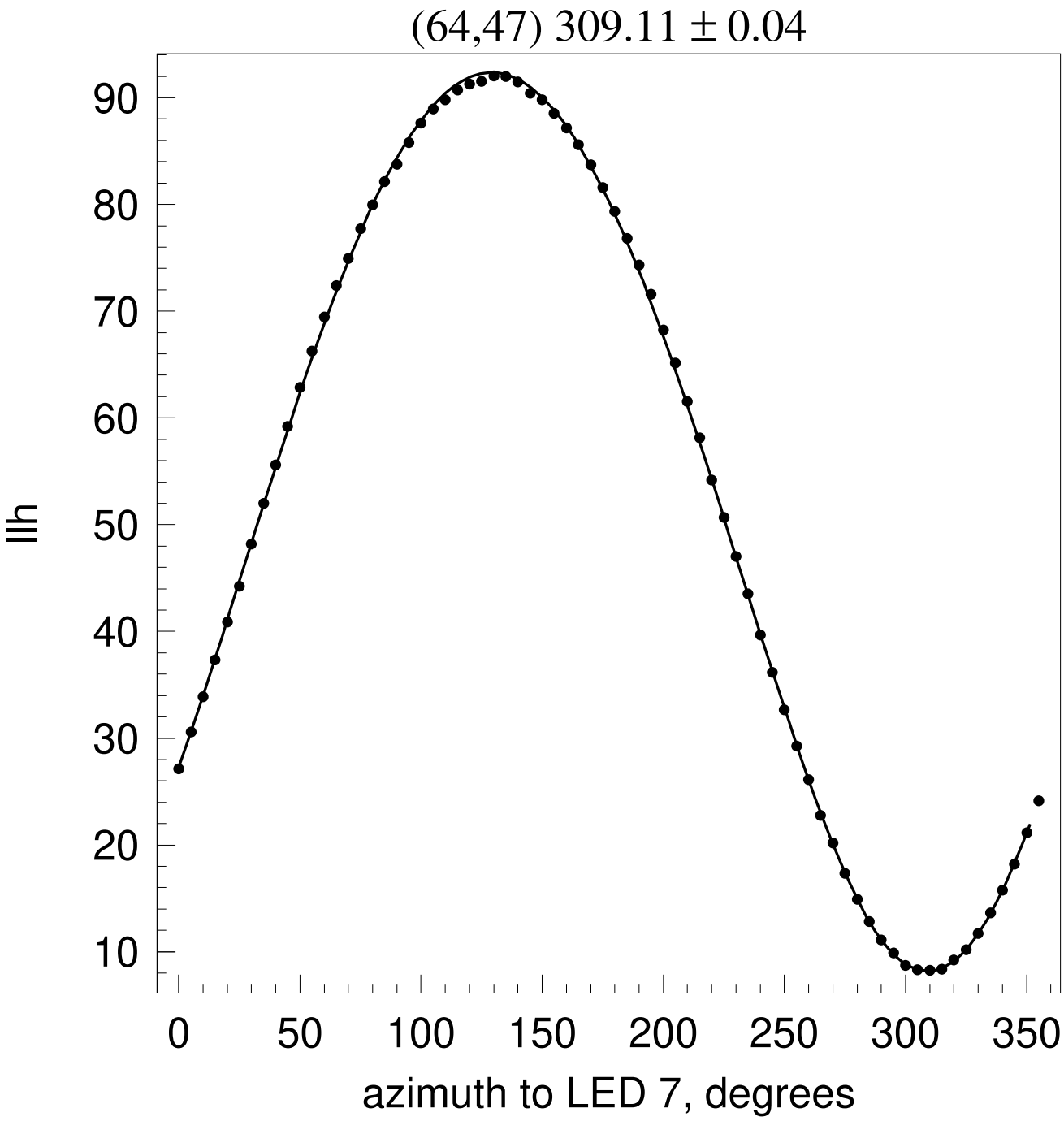

(64,42) 76.26 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

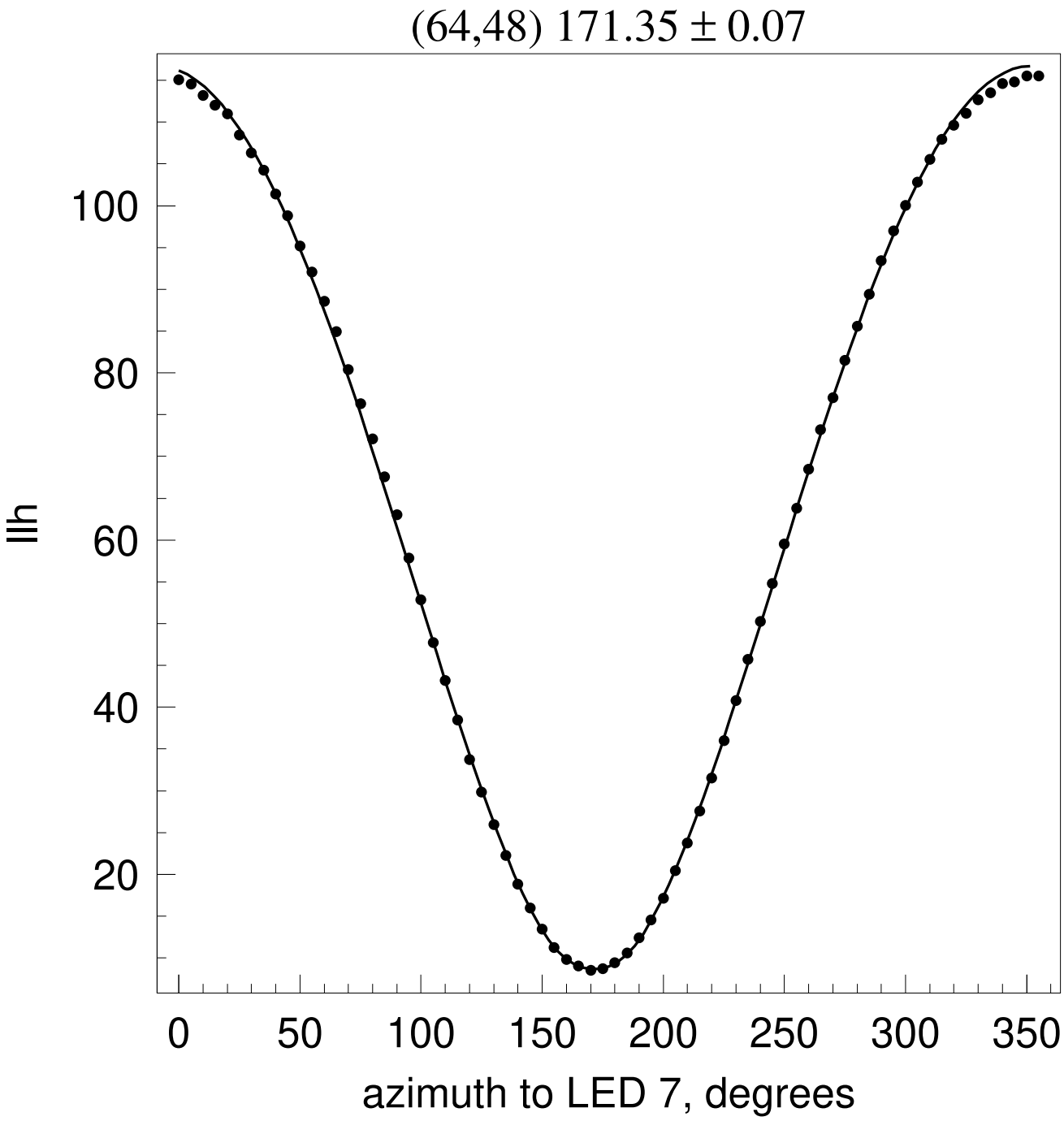

(64,43) 166.09 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

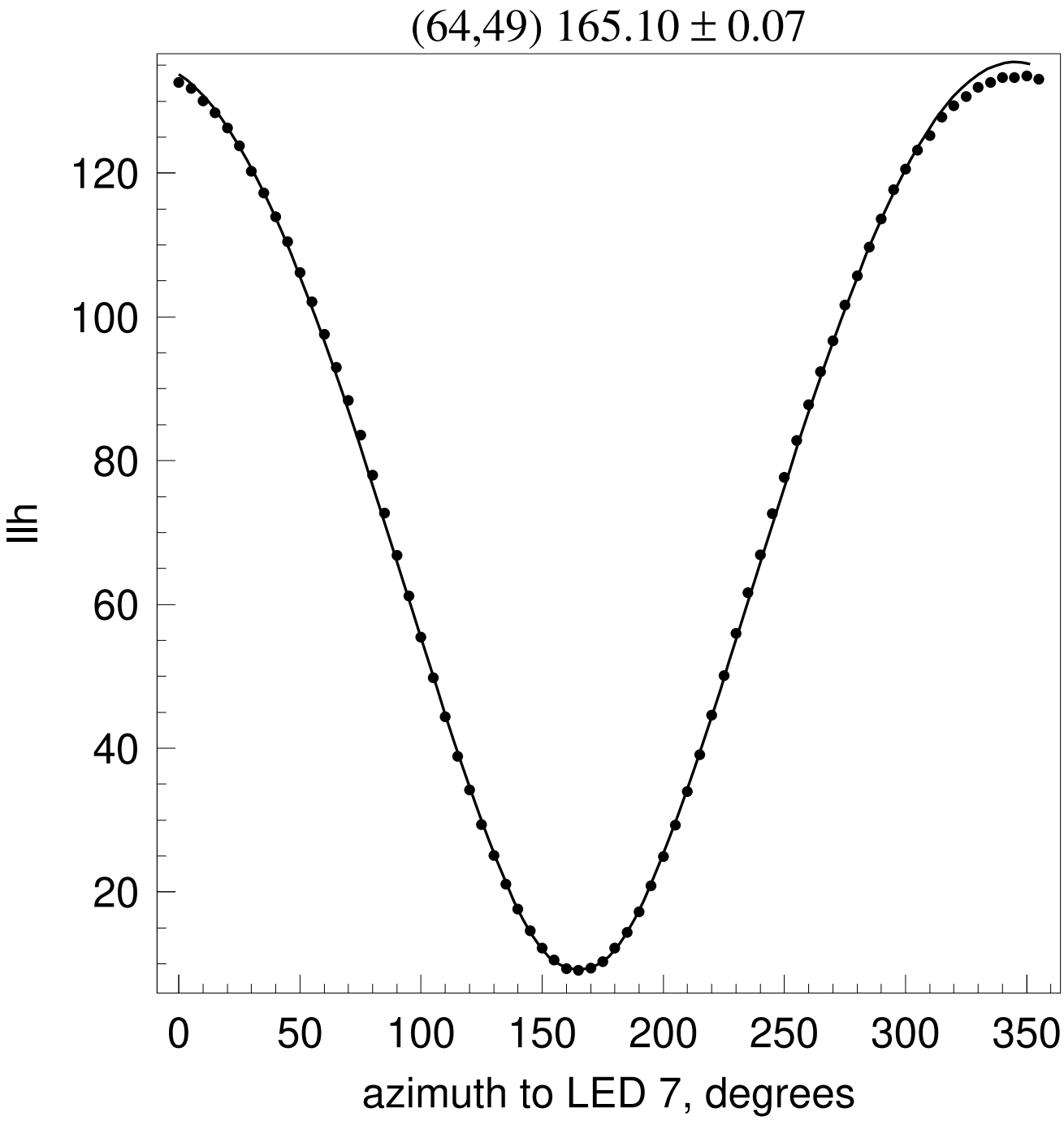

(64,44) 223.53 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

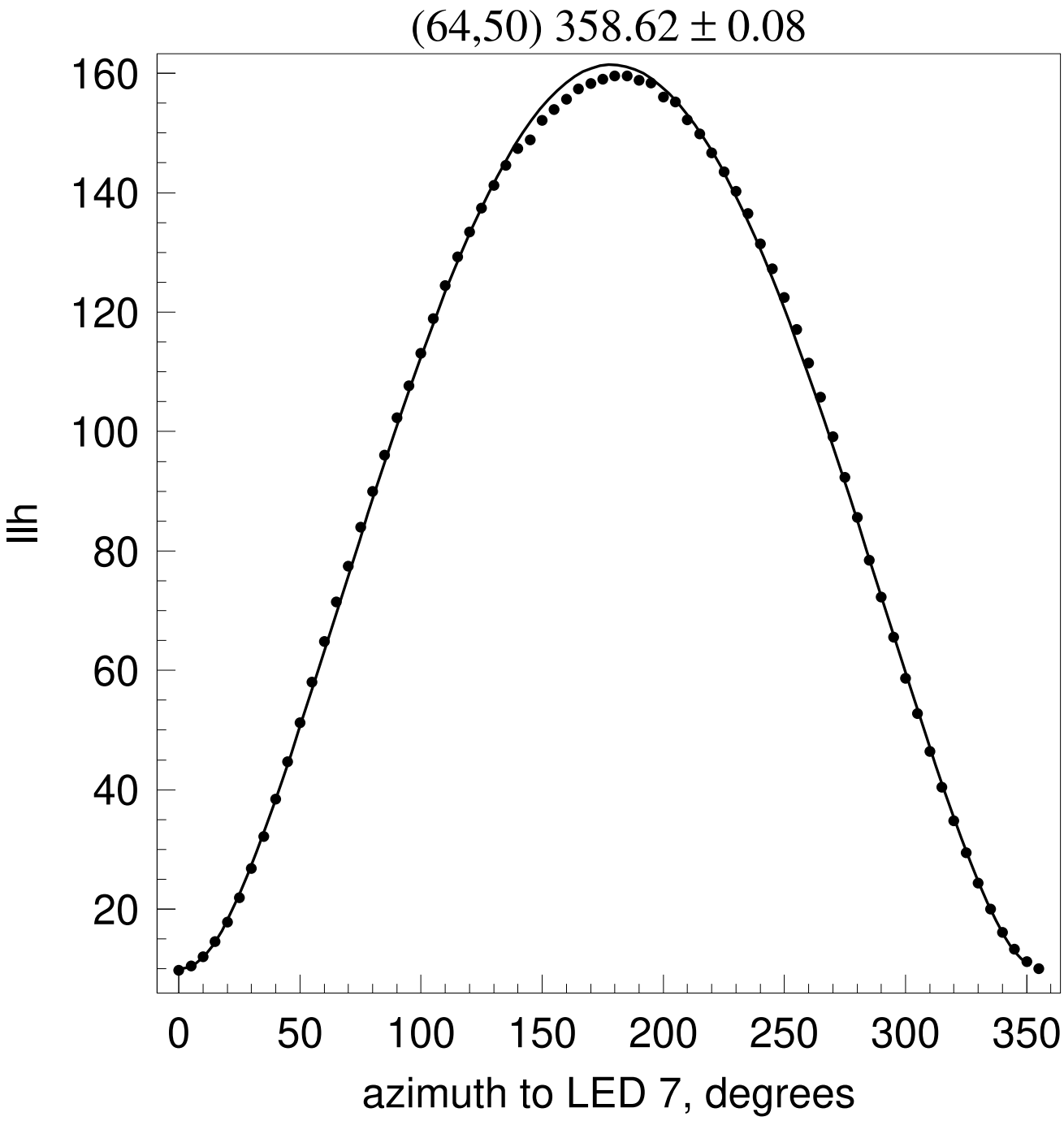

(64,45) 299.72 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

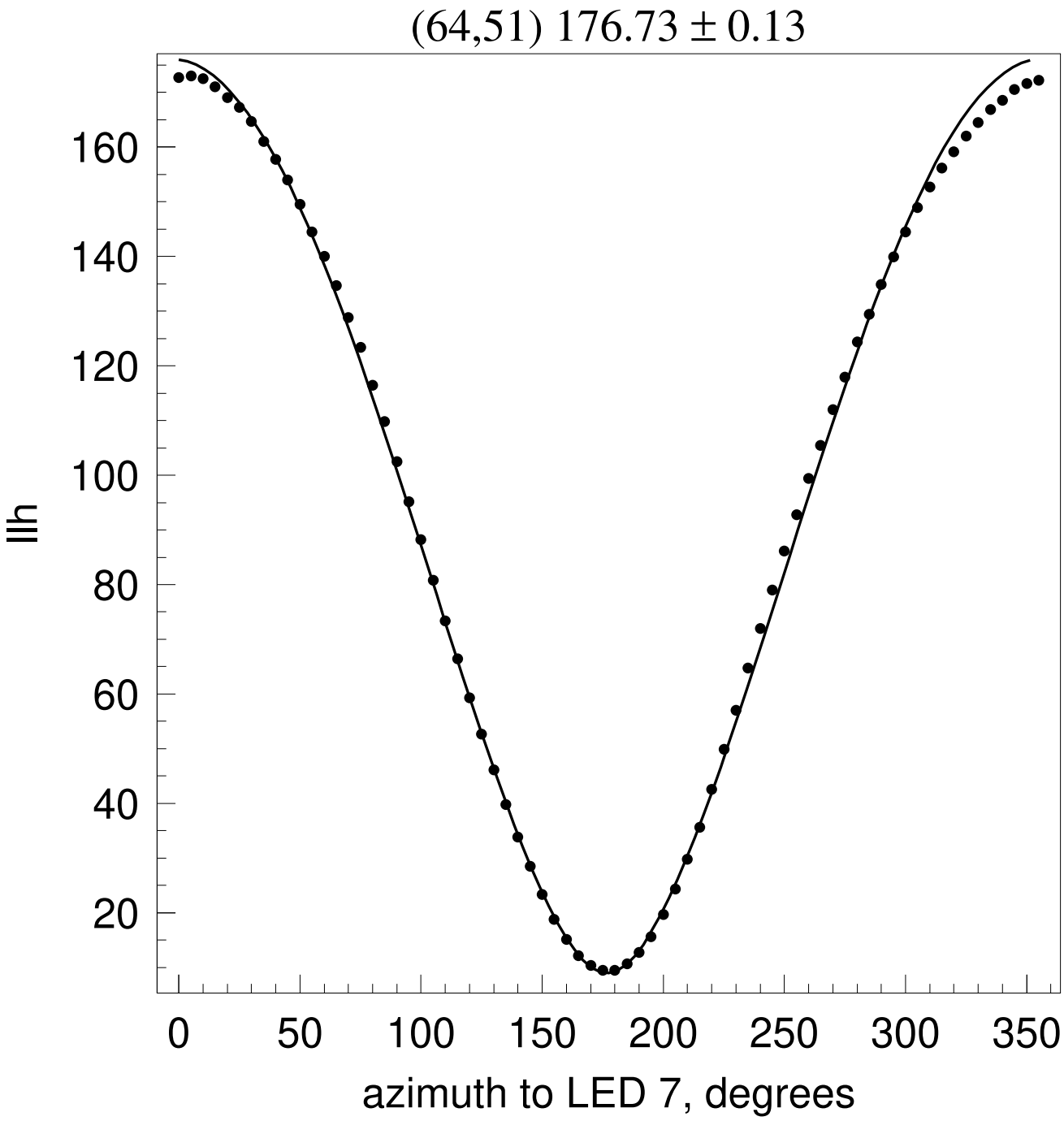

(64,46) 185.12 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

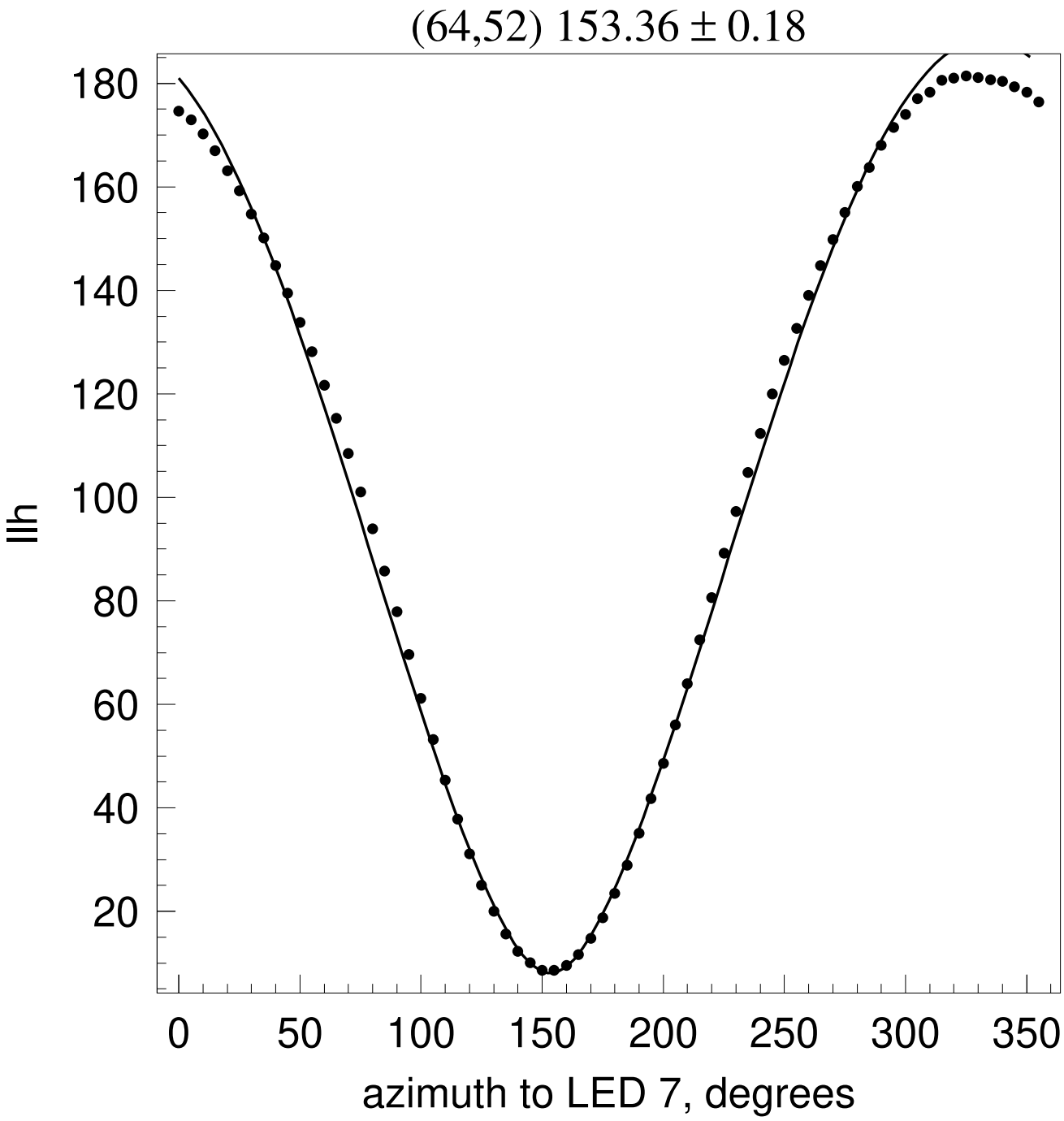

(64,47) 309.11 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

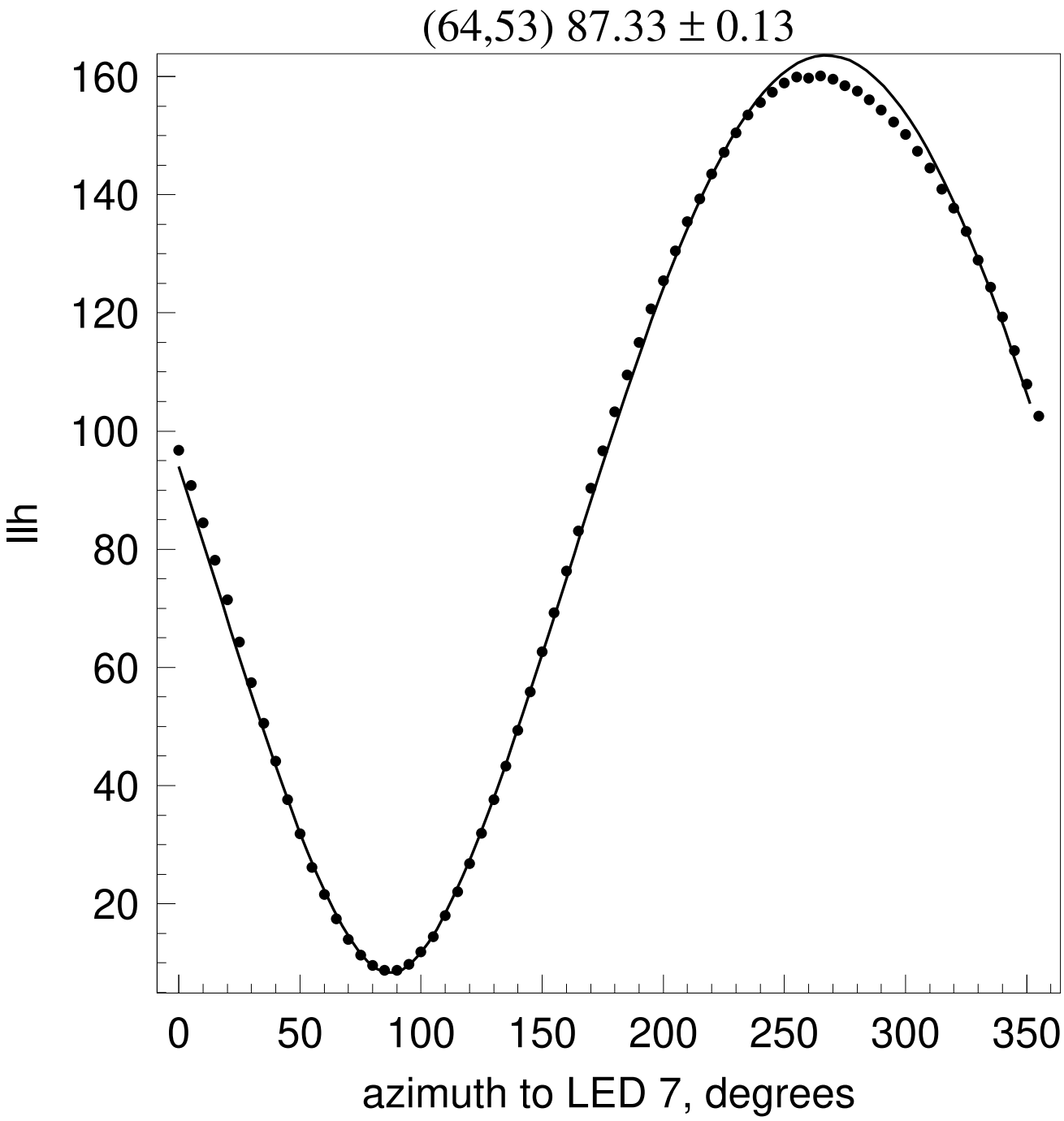

(64,48) 171.35 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

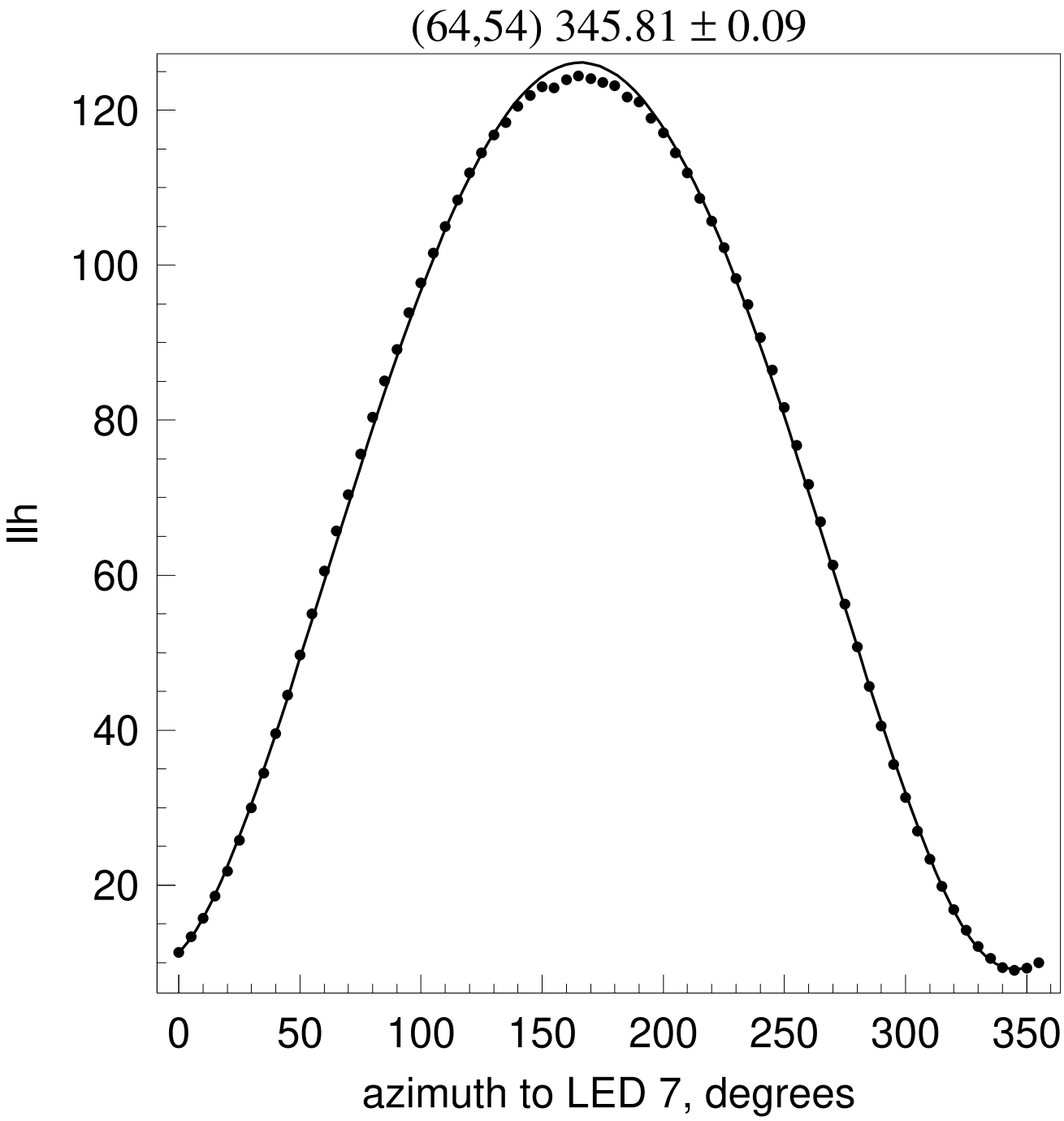

(64,49) 165.10 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

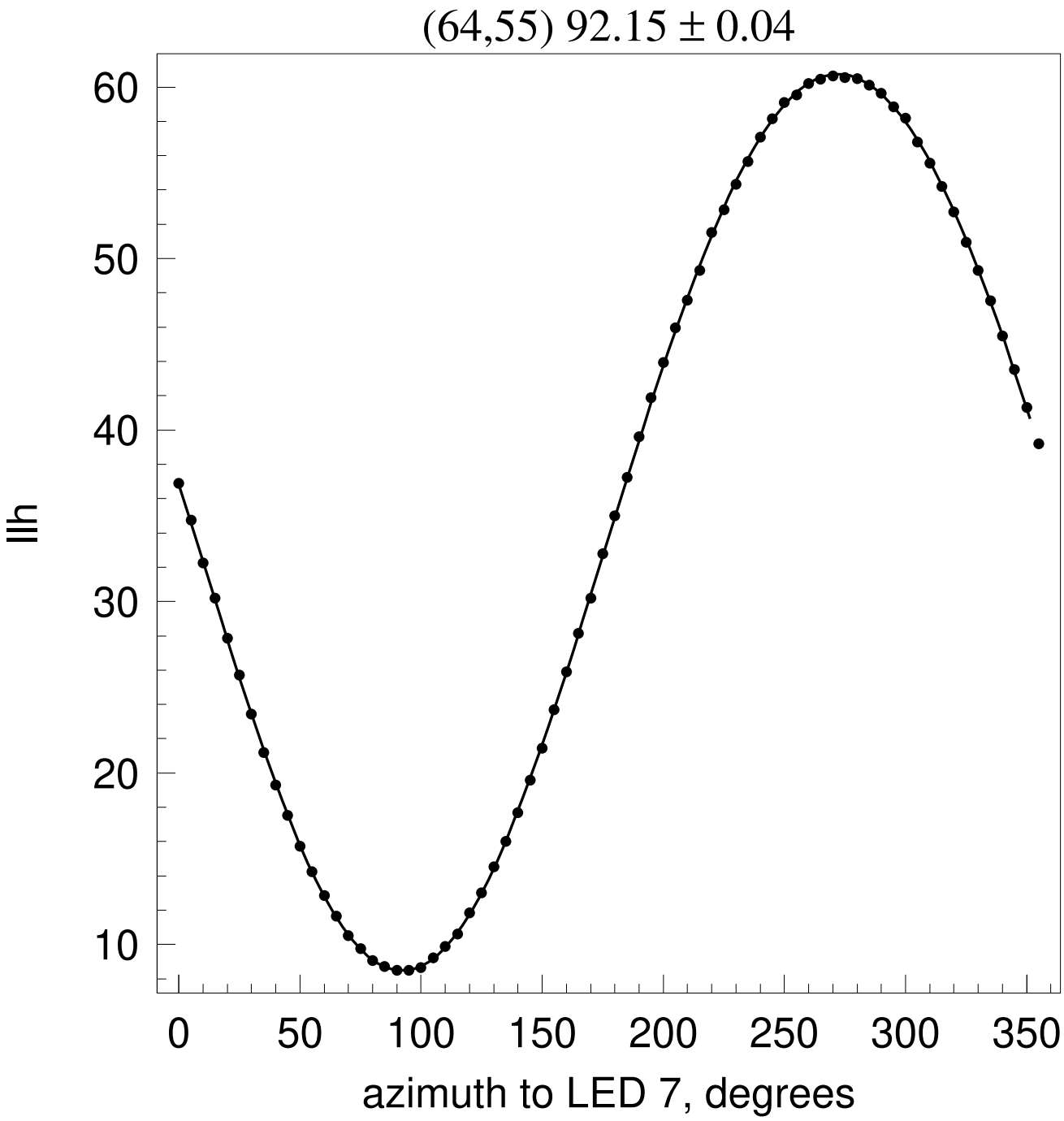

(64,50) 358.62 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

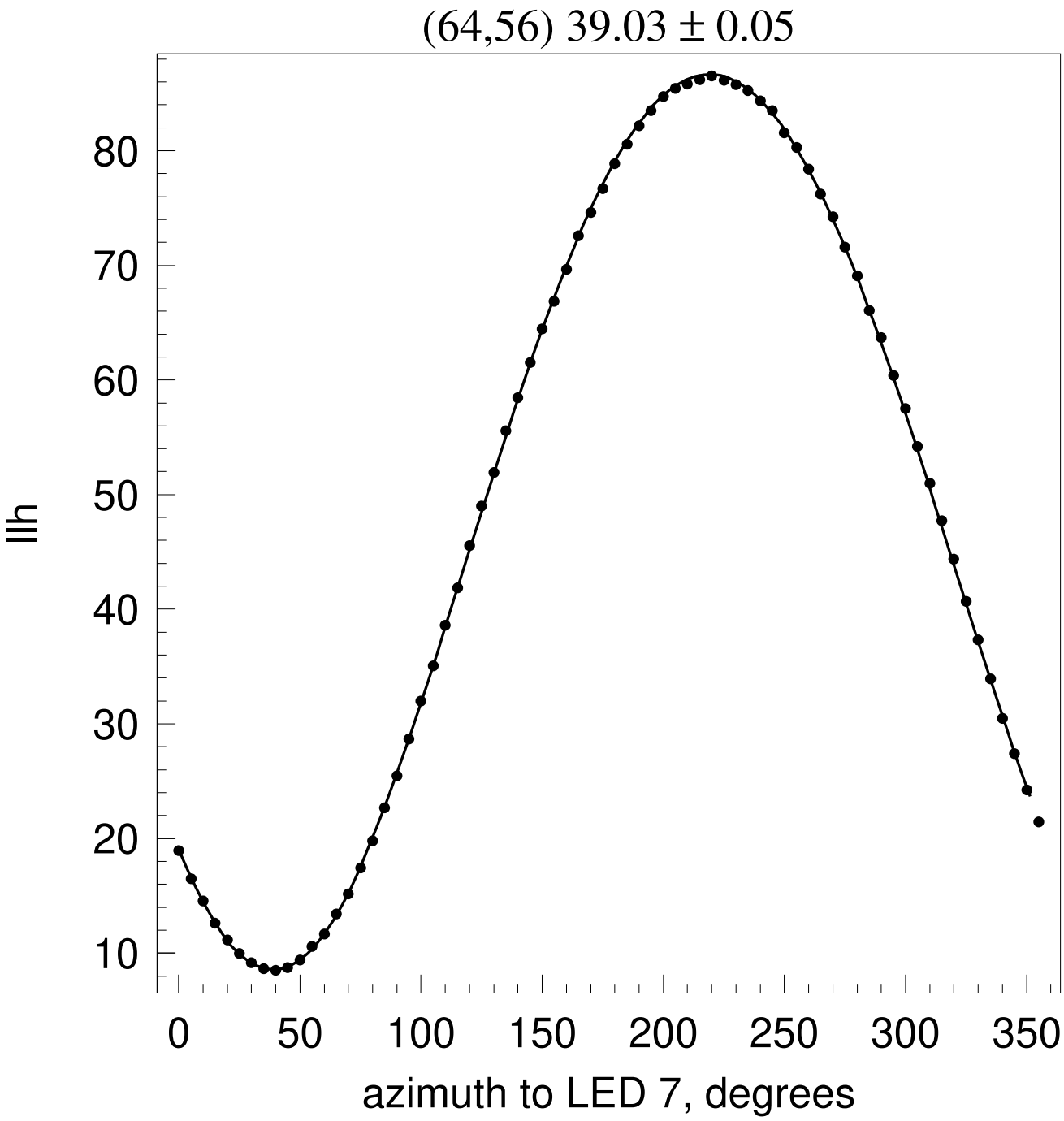

(64,51) 176.73 ± 0.13
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

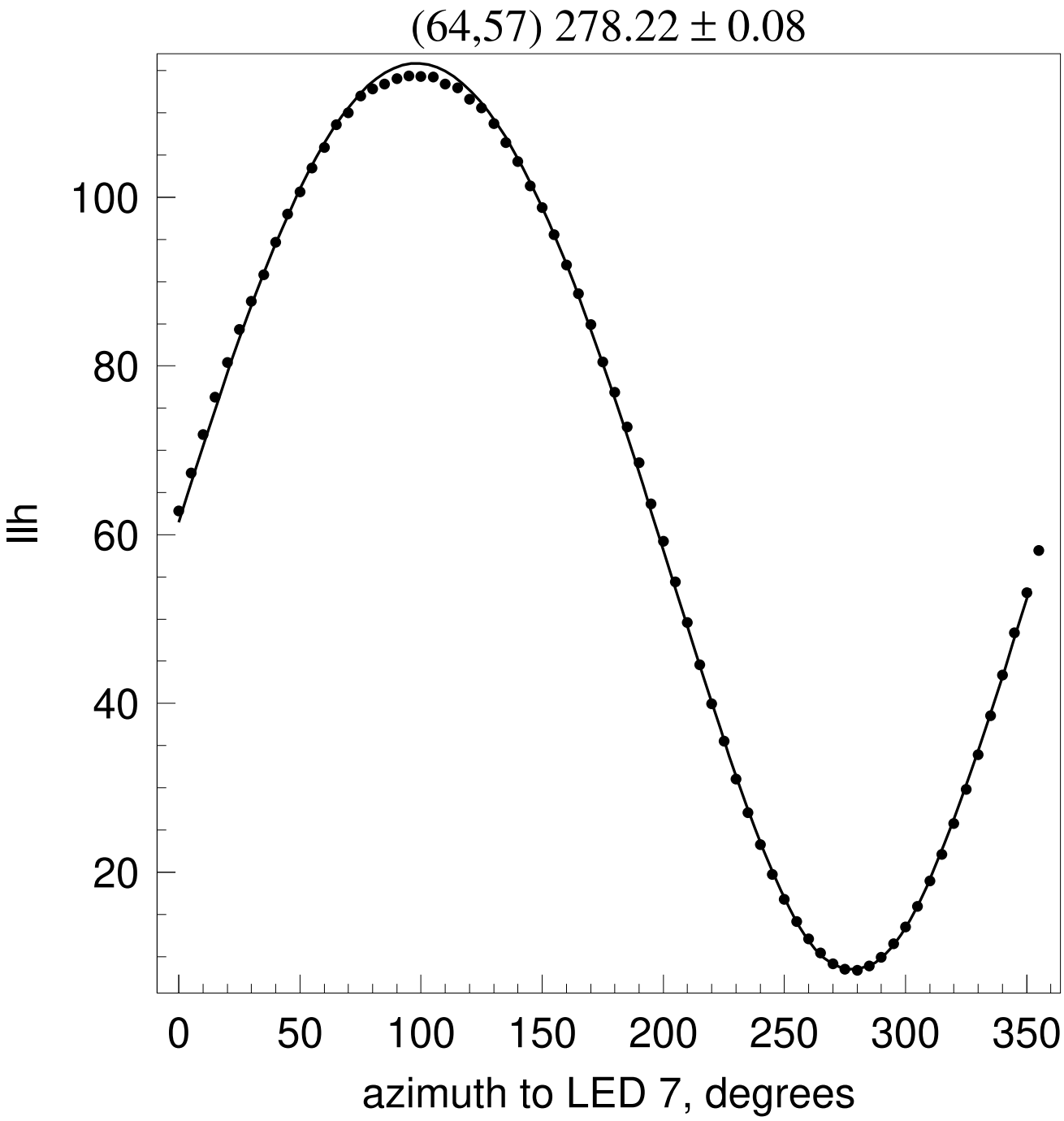

(64,52) 153.36 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

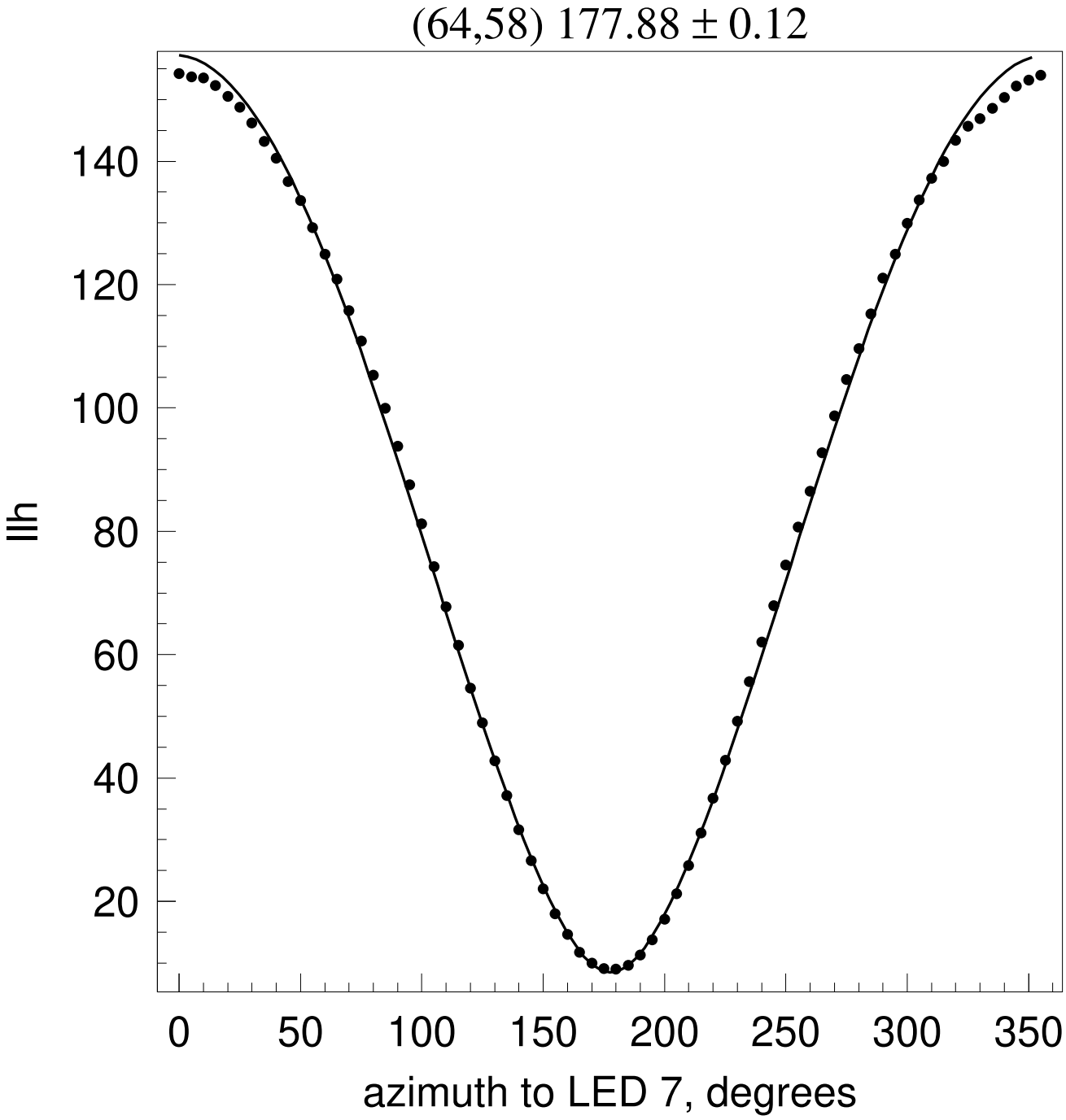

(64,53) 87.33 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

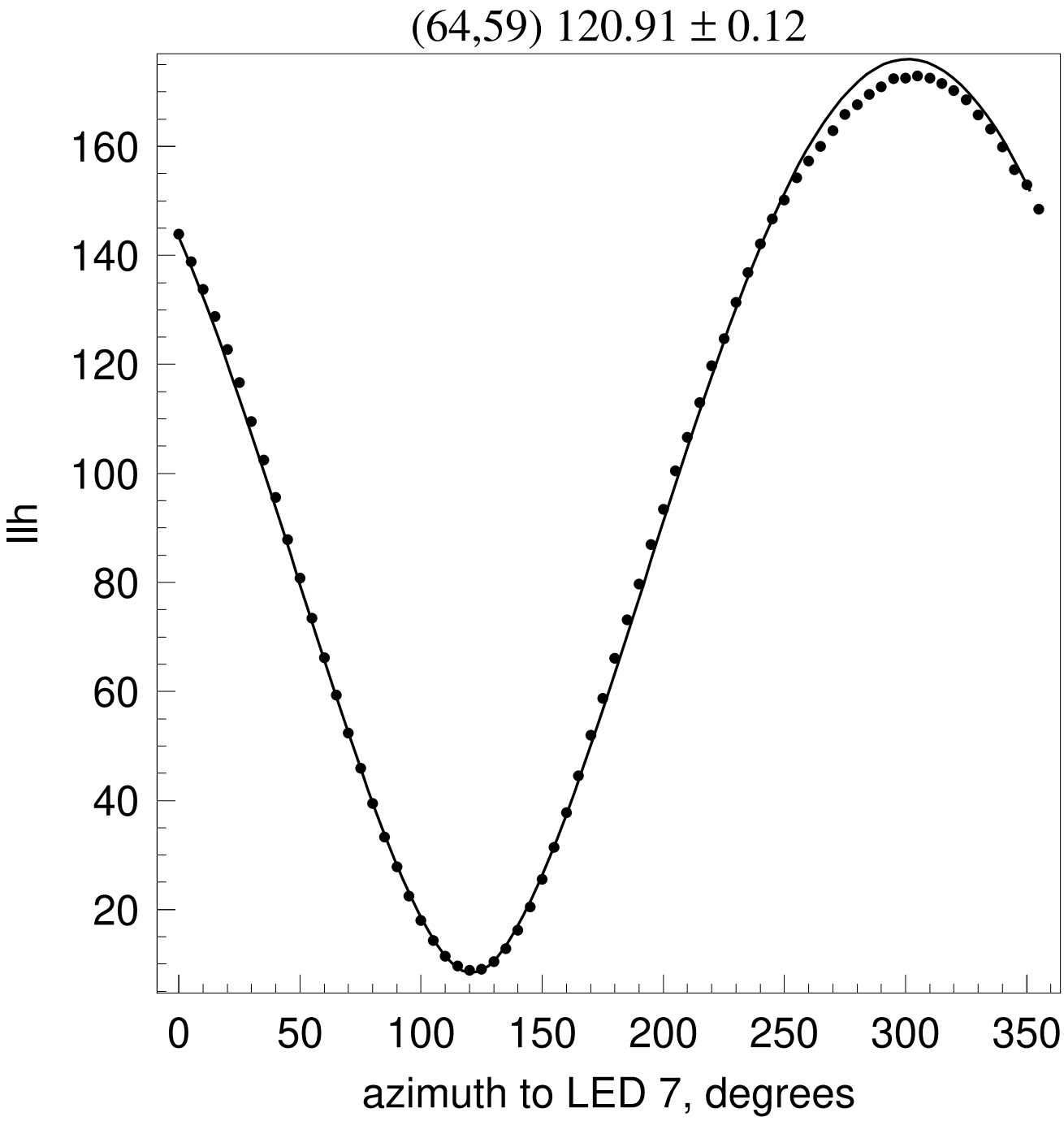

(64,54) 345.81 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

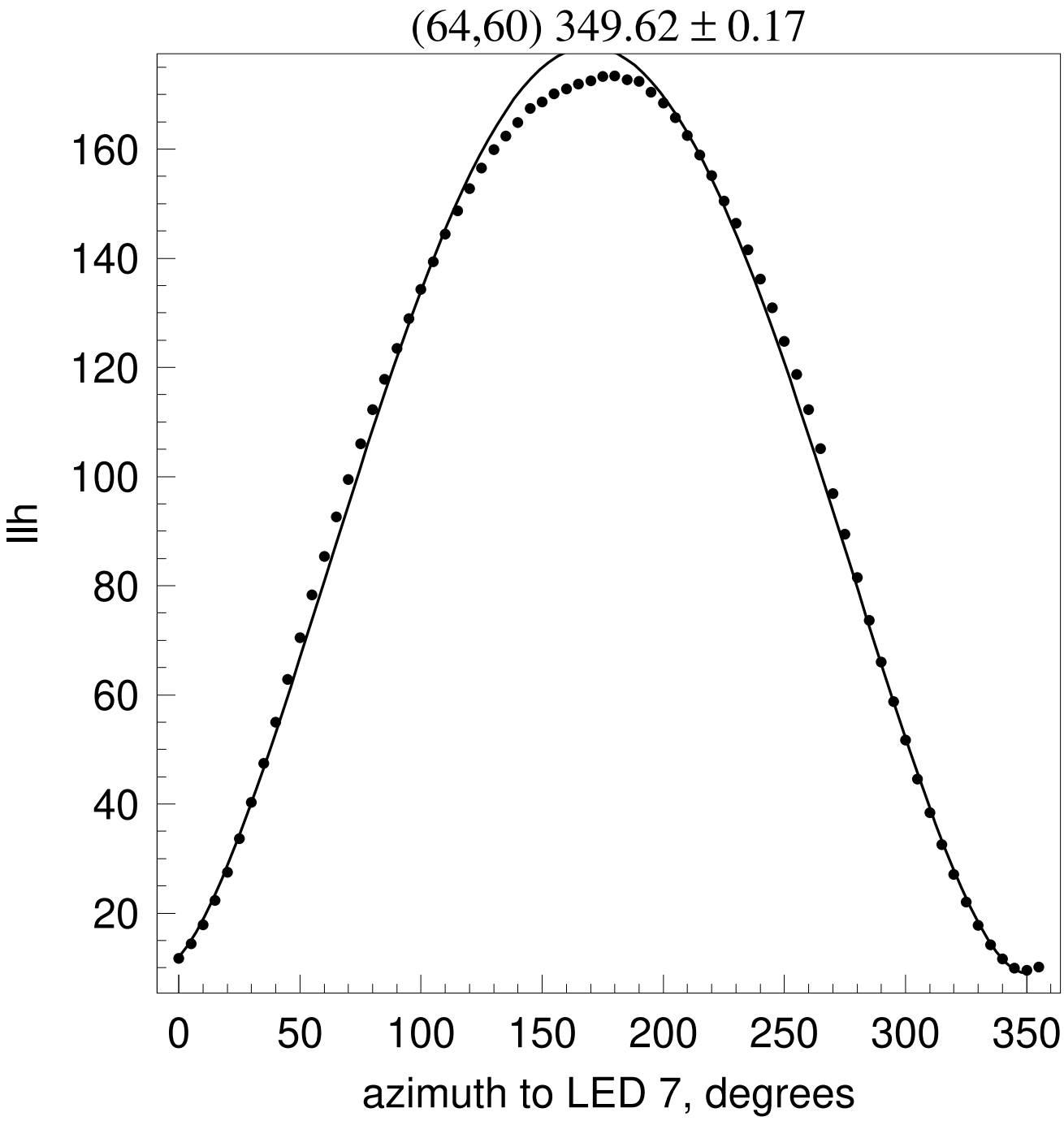

(64,55) 92.15 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

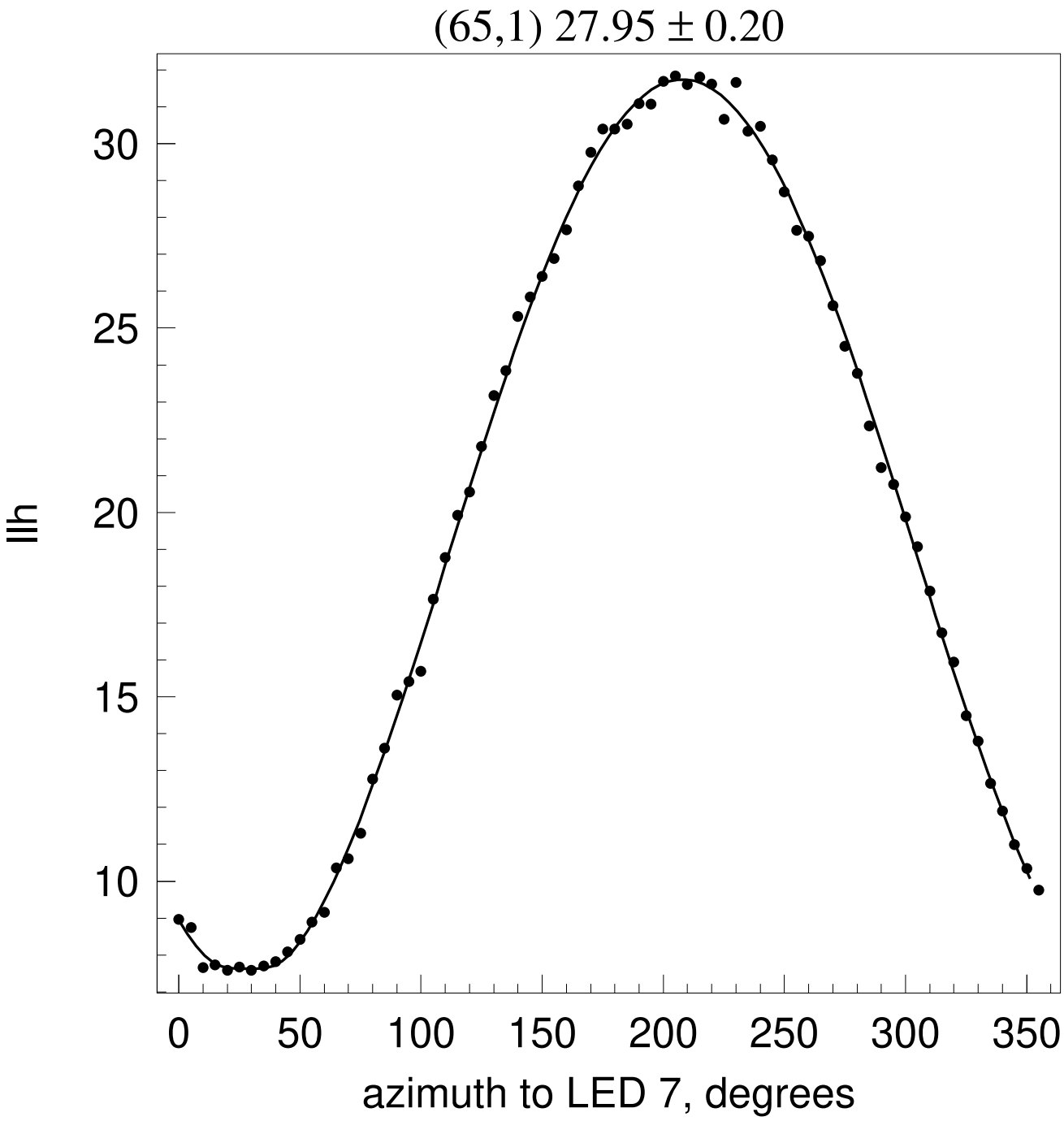

(64,56) 39.03 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

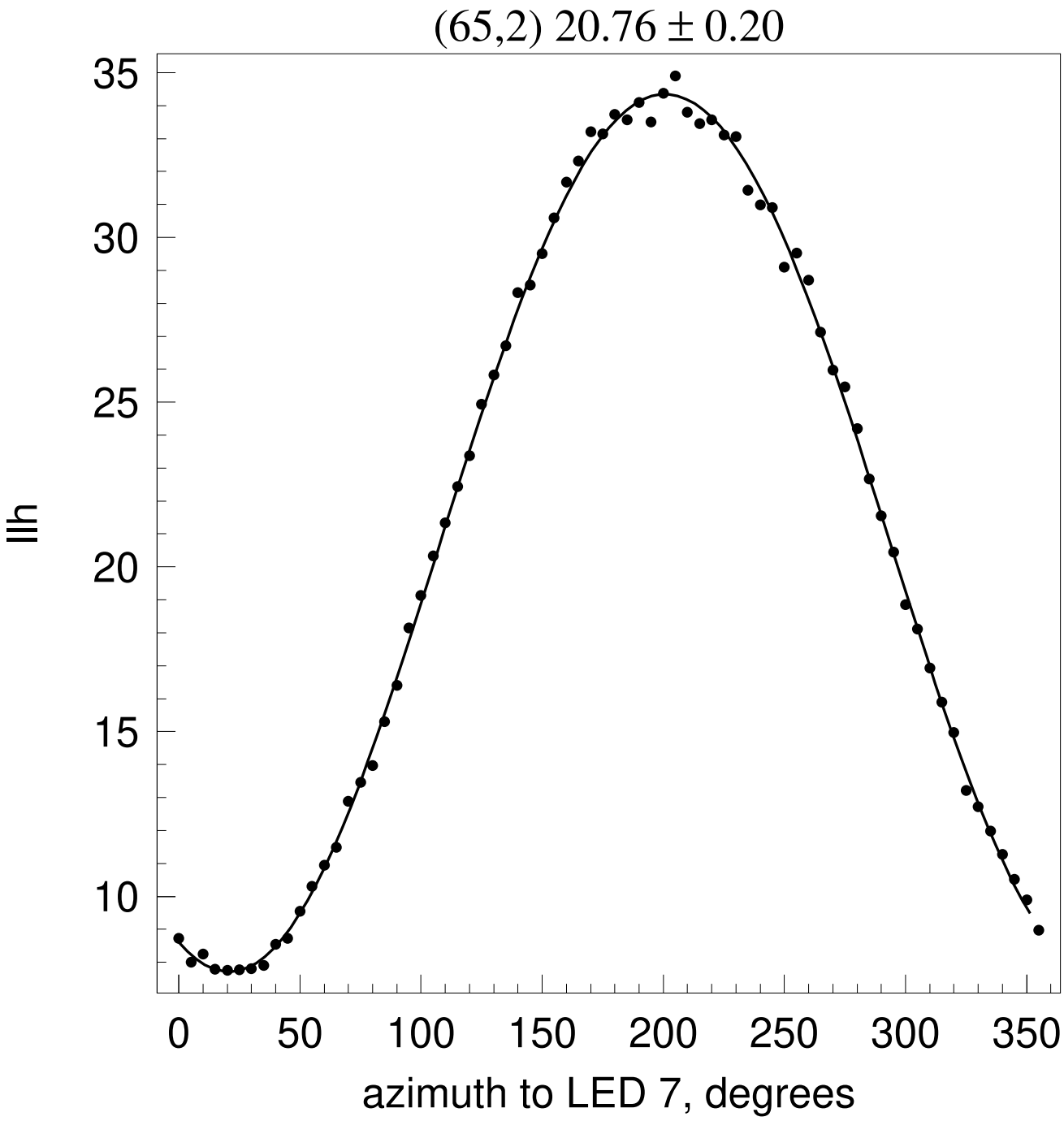

(64,57) 278.22 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

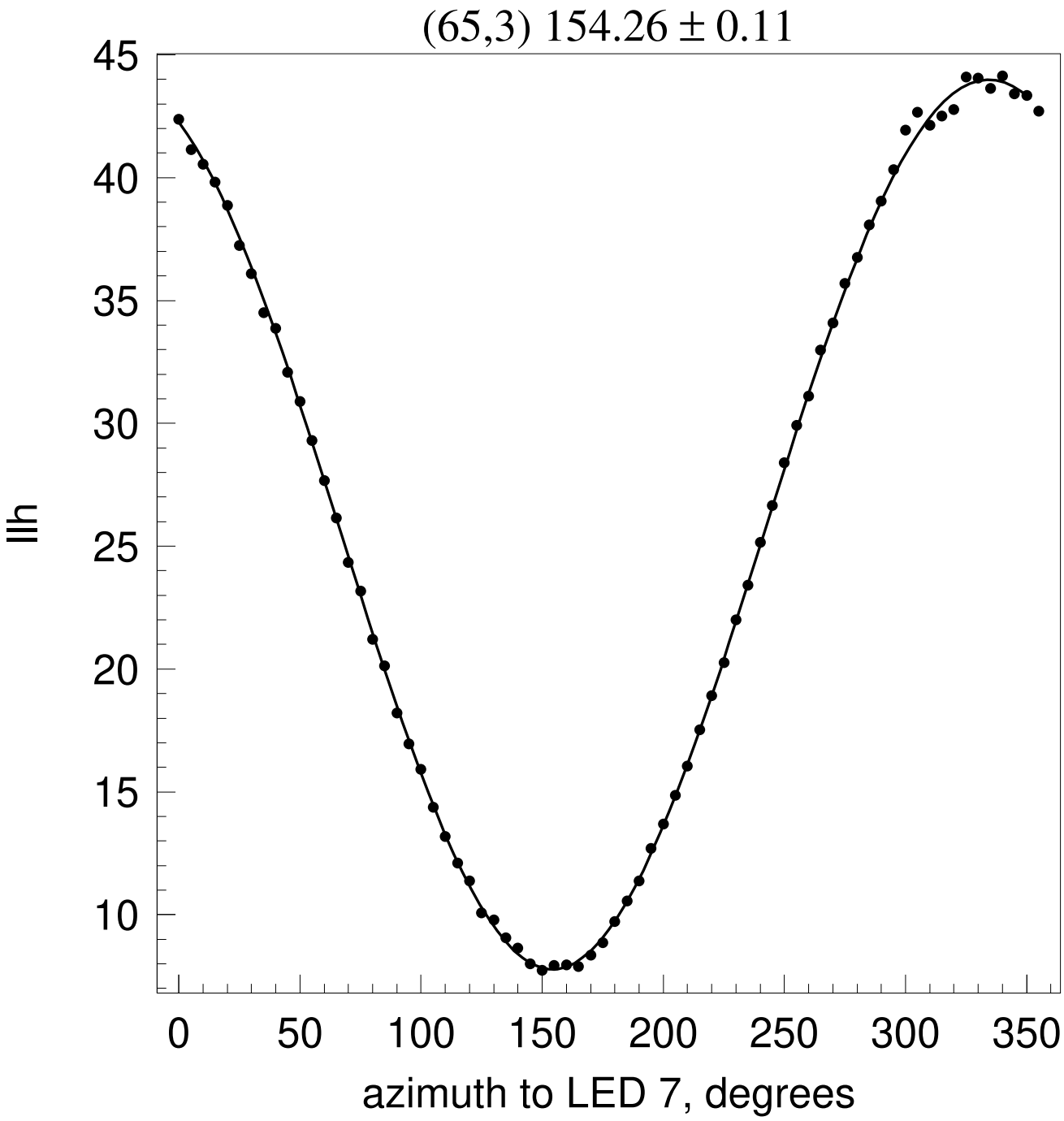

(64,58) 177.88 ± 0.12
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

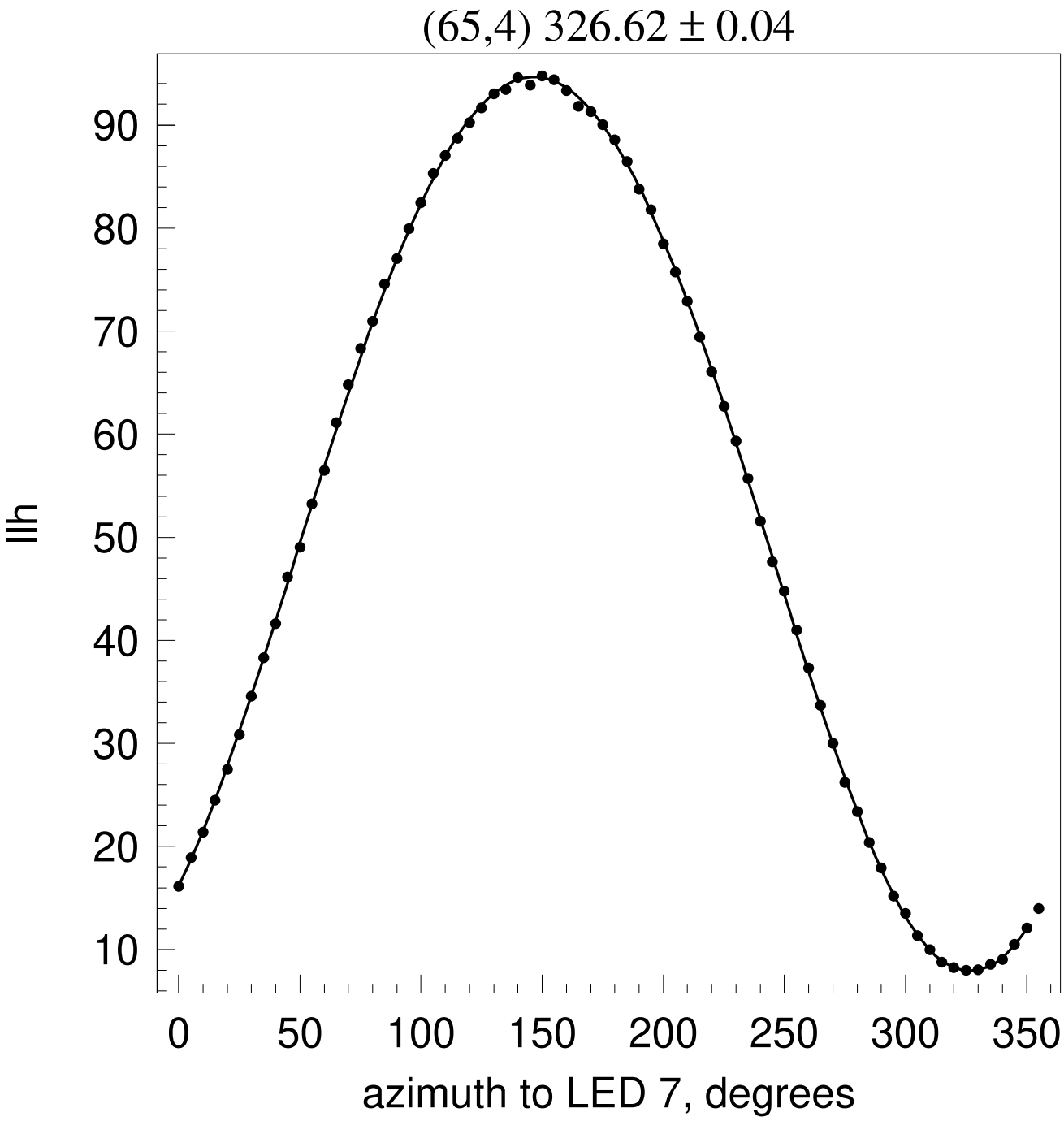

(64,59) 120.91 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

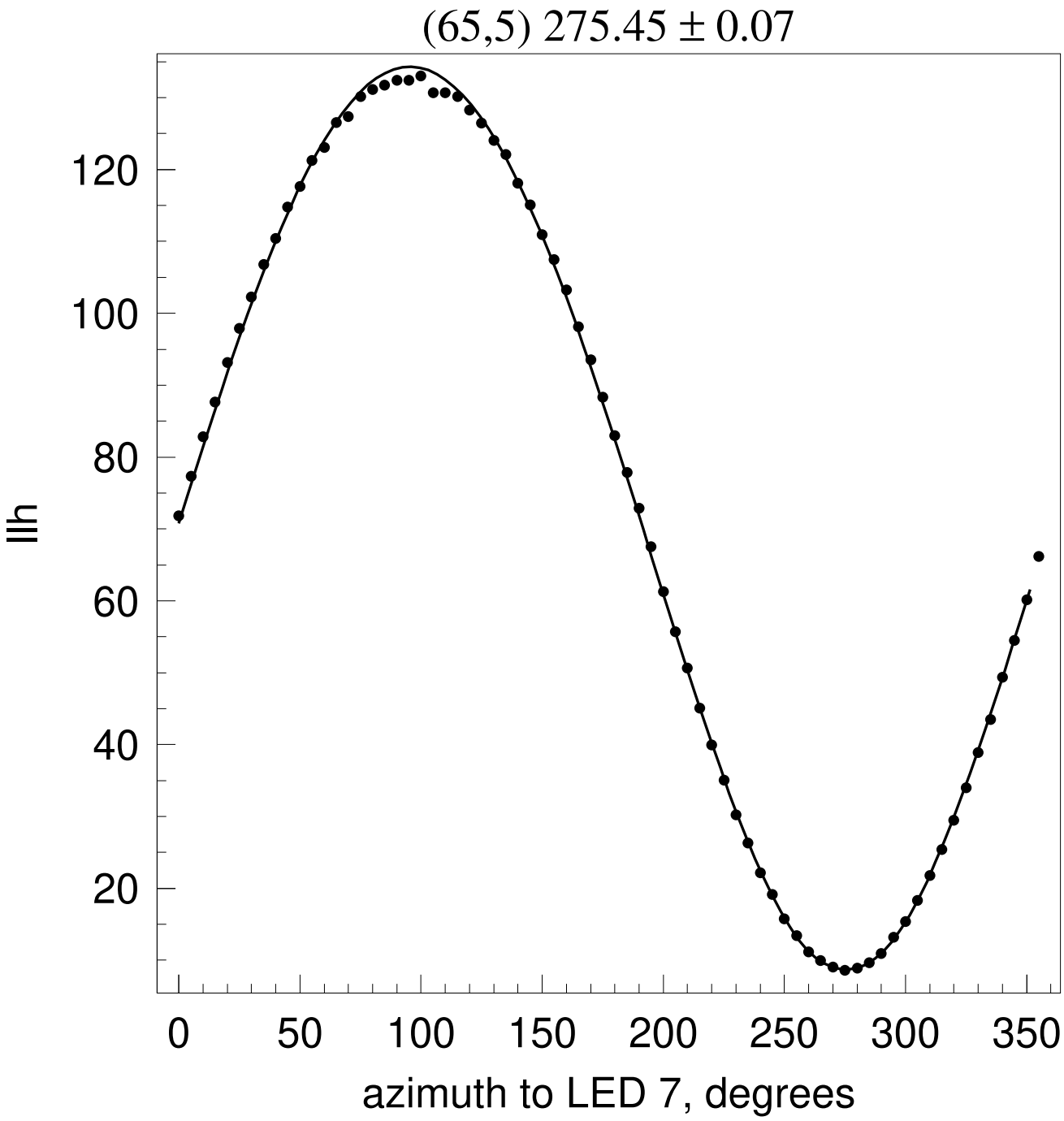

(64,60) 349.62 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

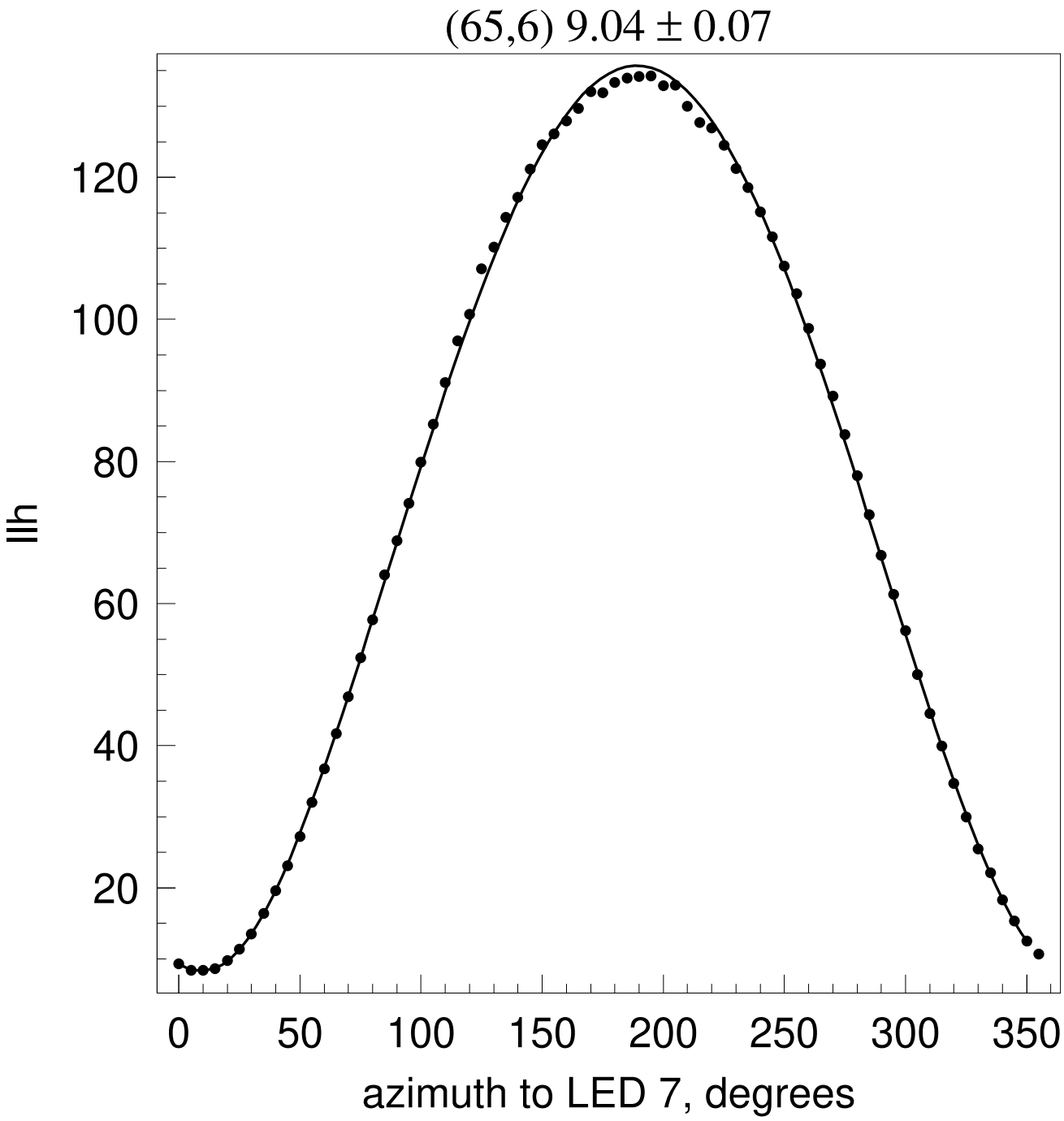

(65,1) 27.95 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

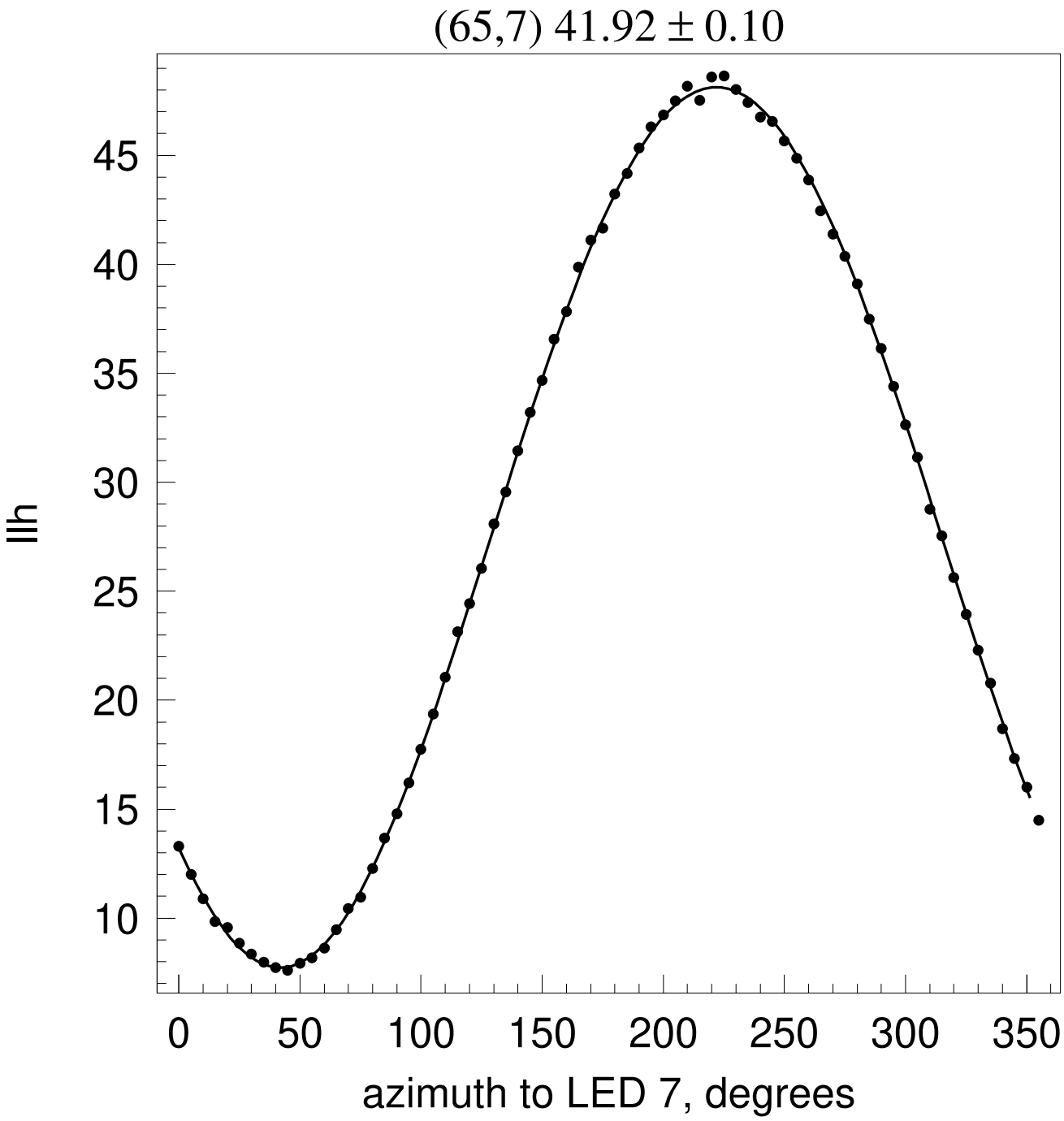

(65,2) 20.76 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

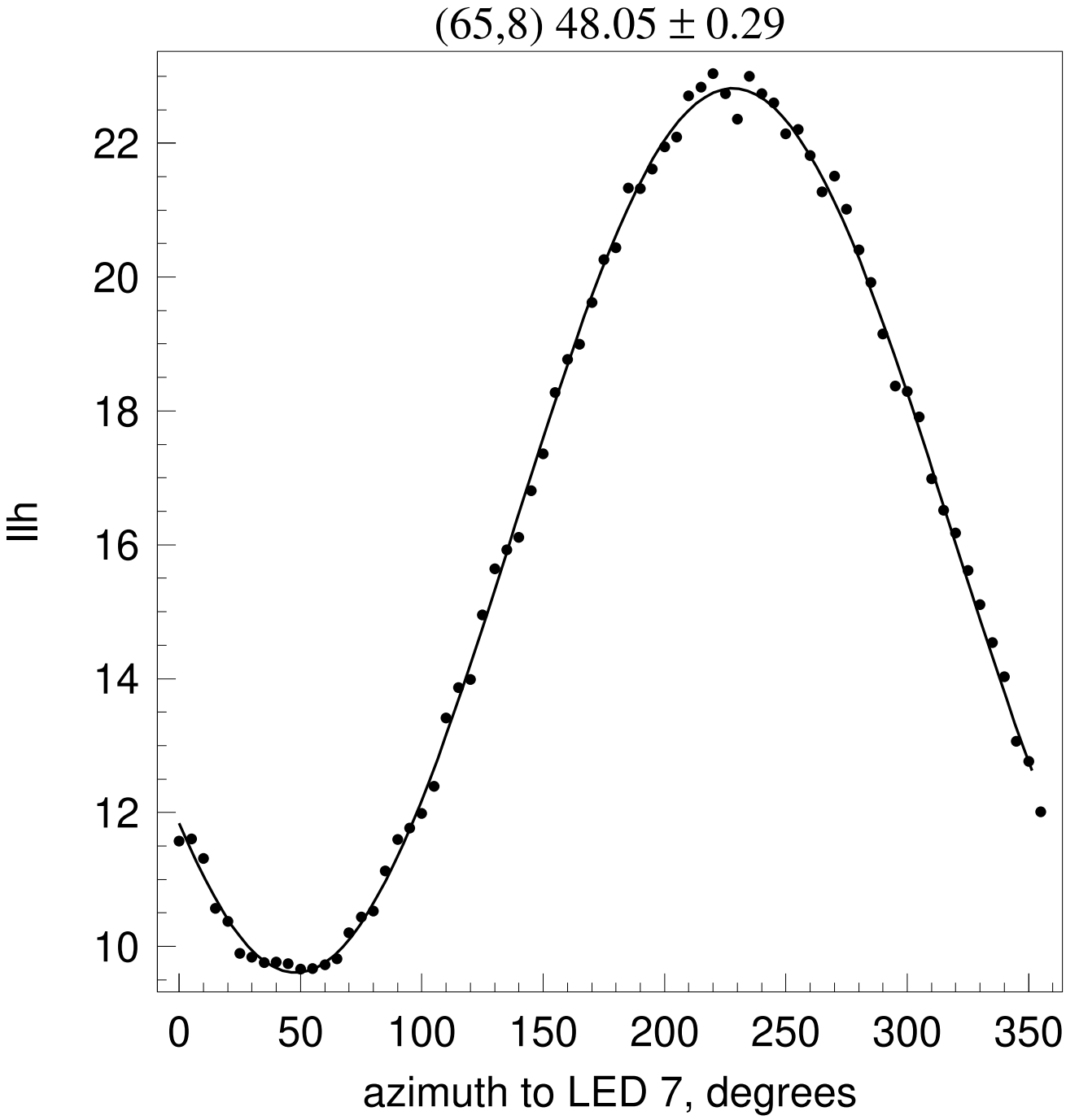

(65,3) 154.26 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

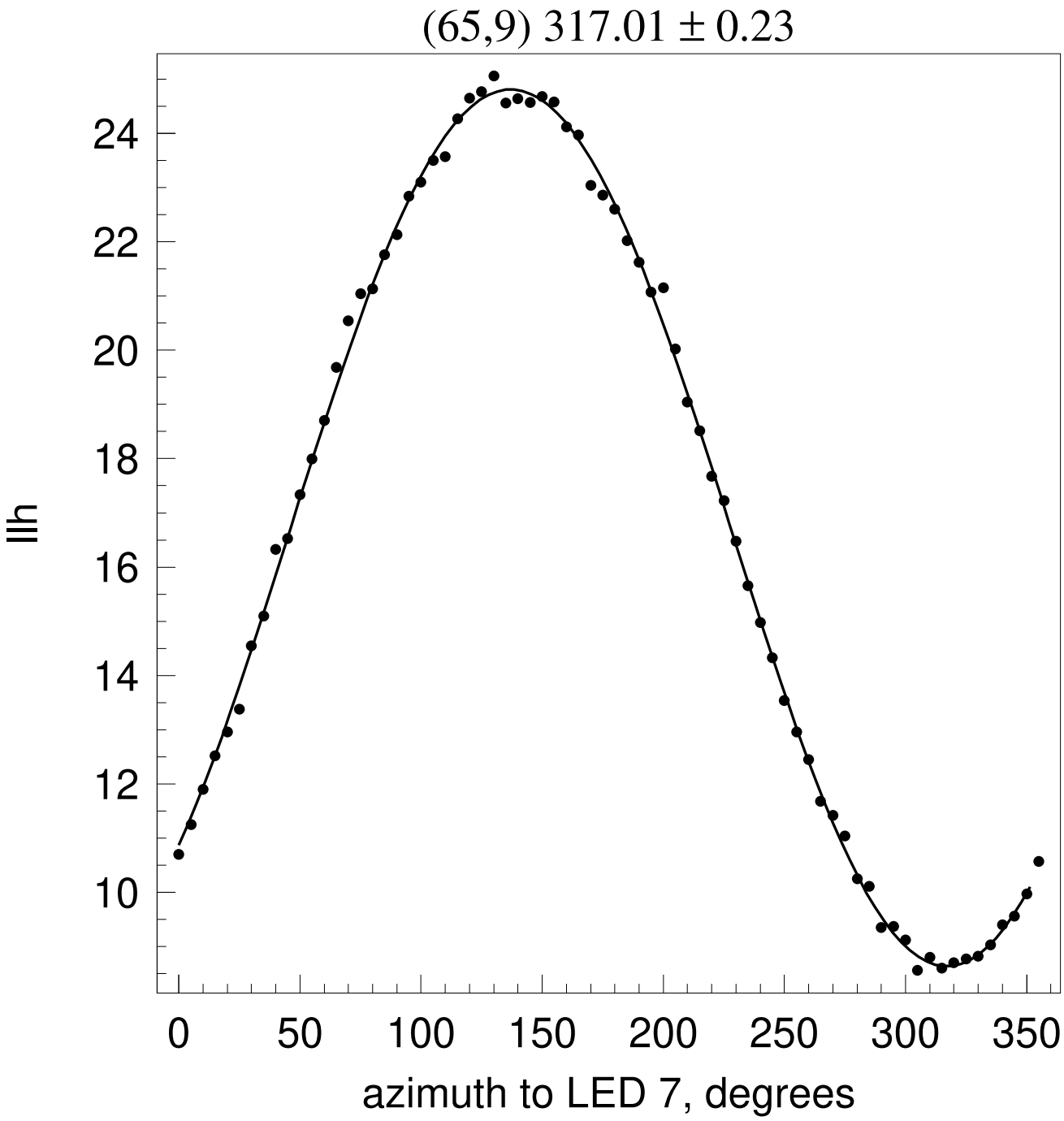

(65,4) 326.62 ± 0.04
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

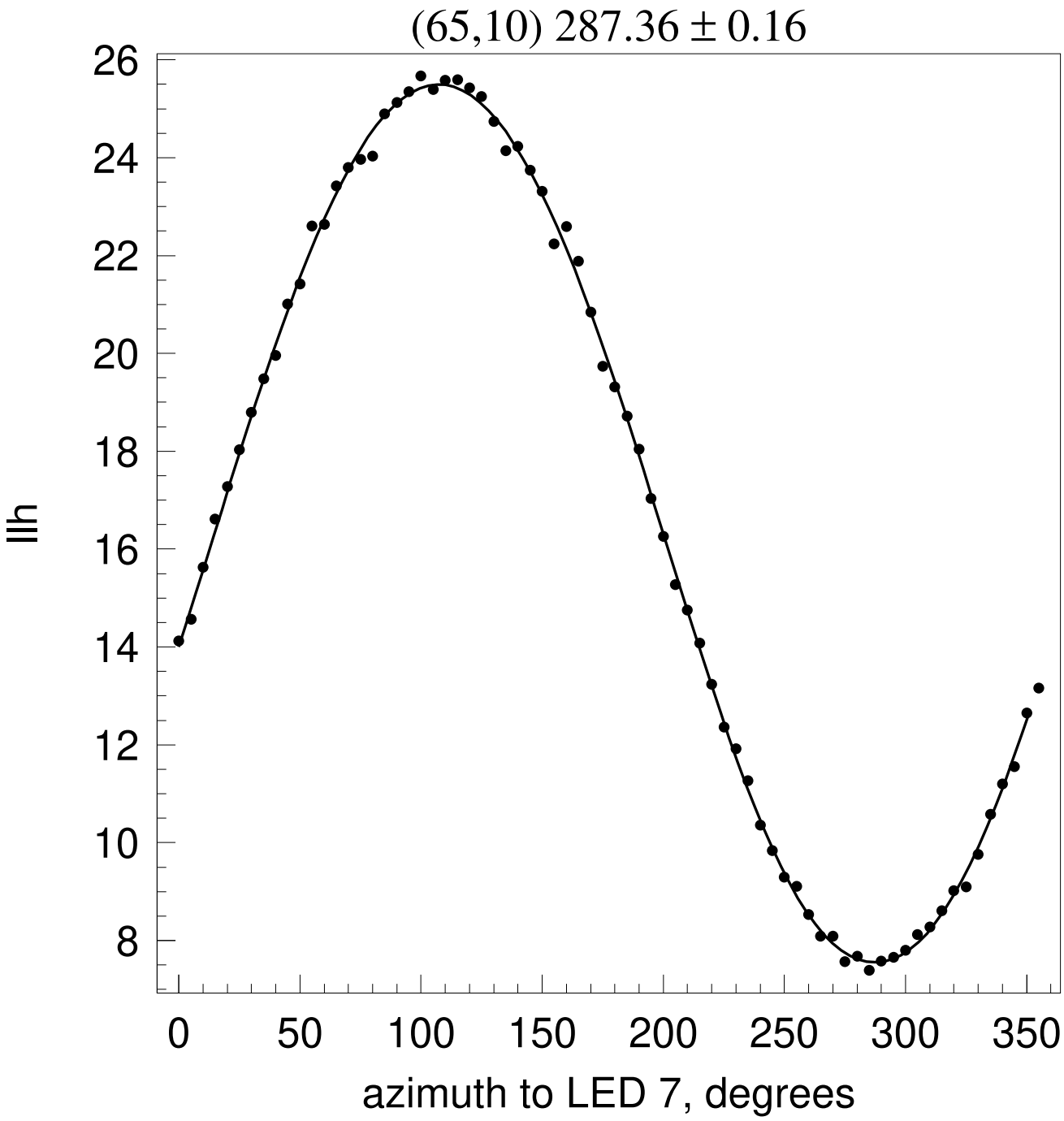

(65,5) 275.45 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

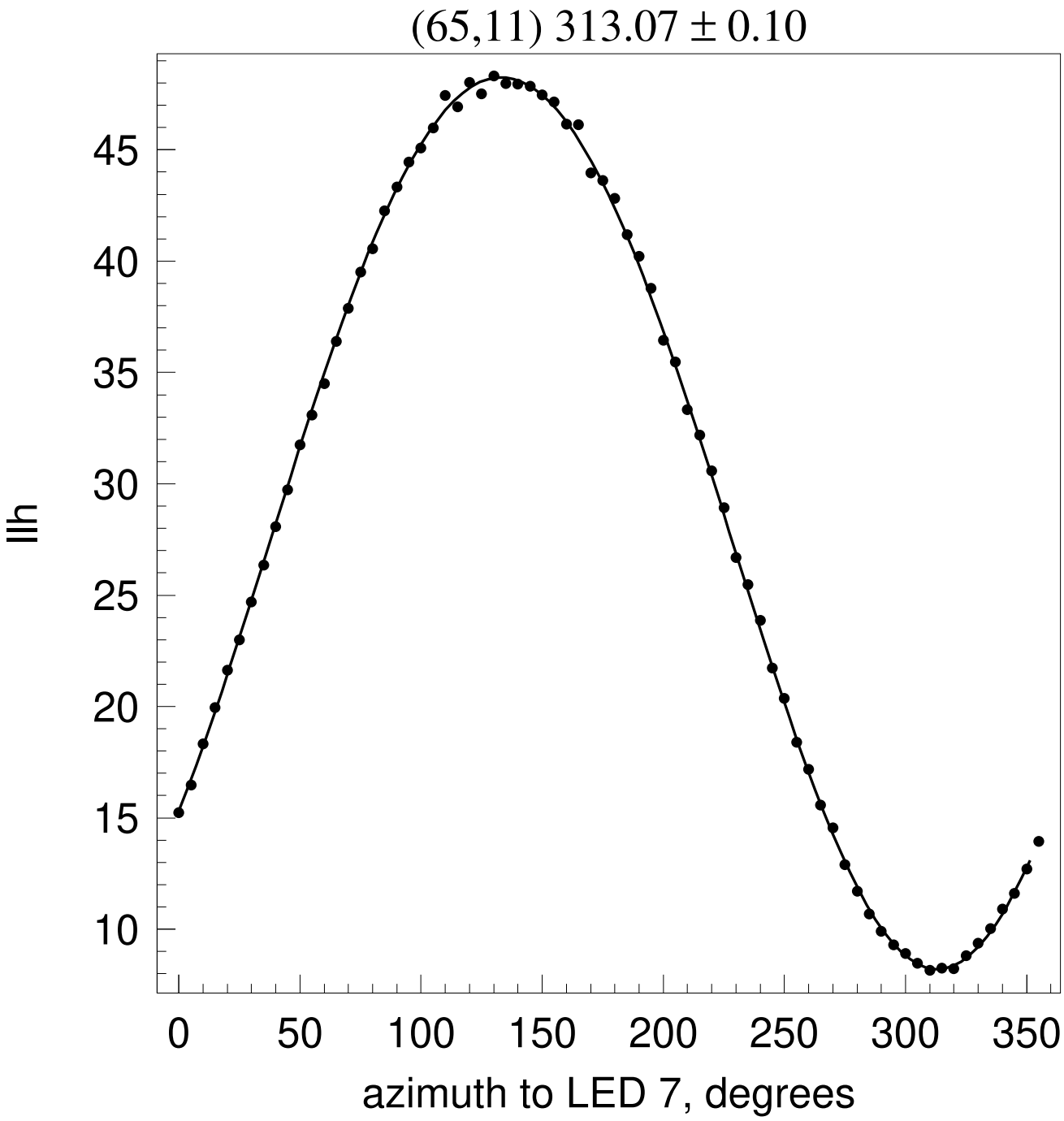

(65,6) 9.04 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

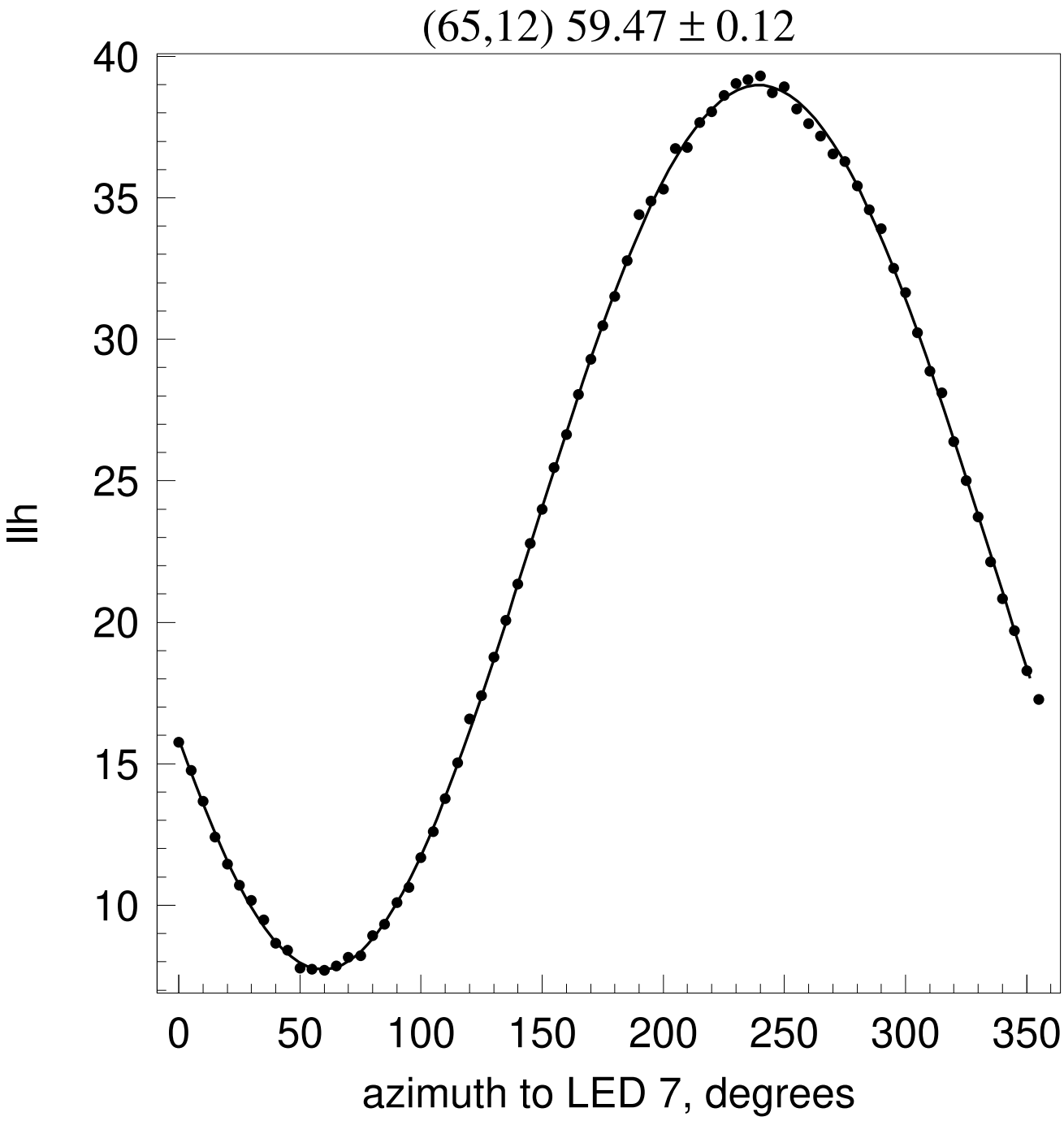

(65,7) 41.92 ± 0.10
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

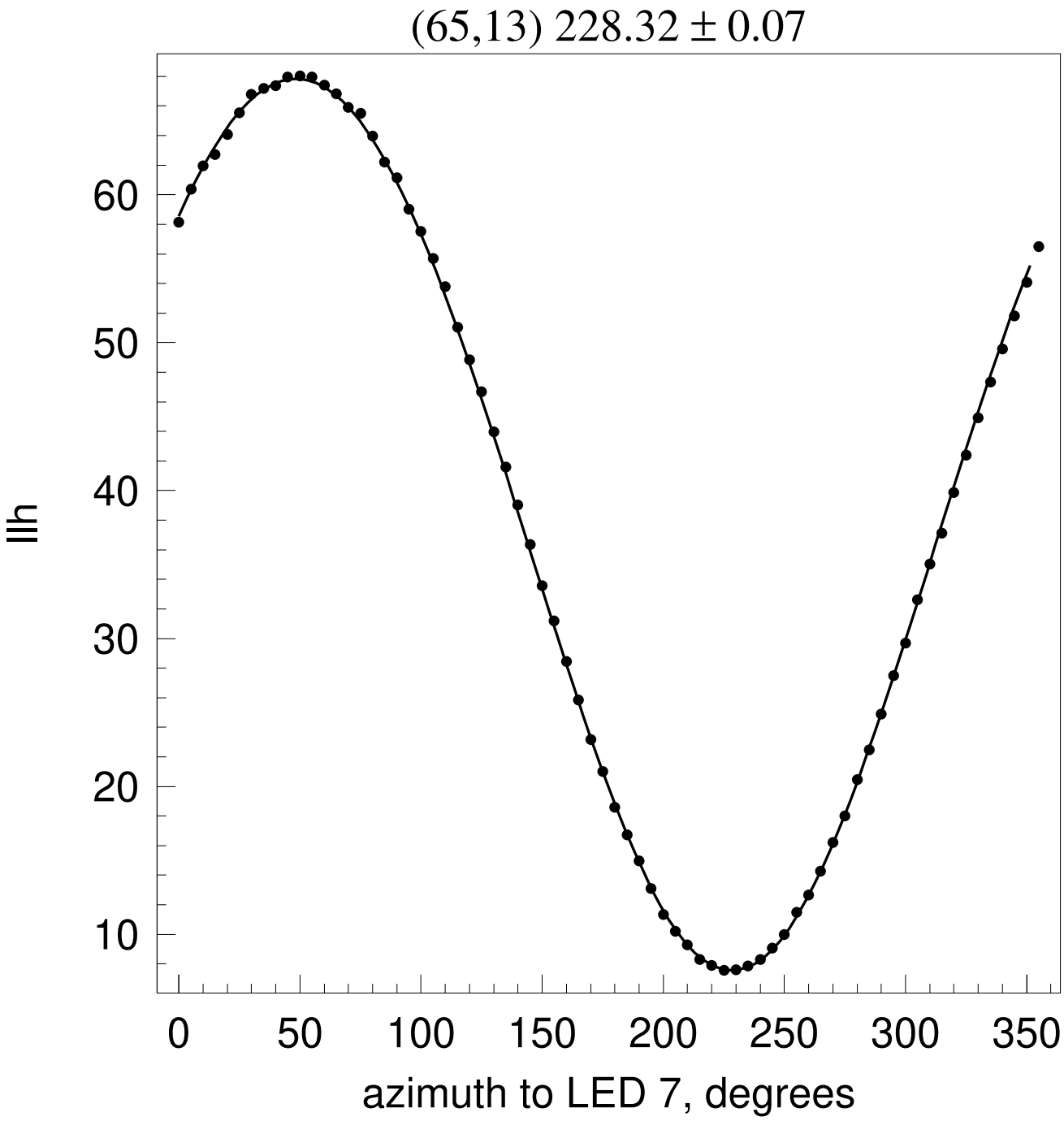

(65,8) 48.05 ± 0.29
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

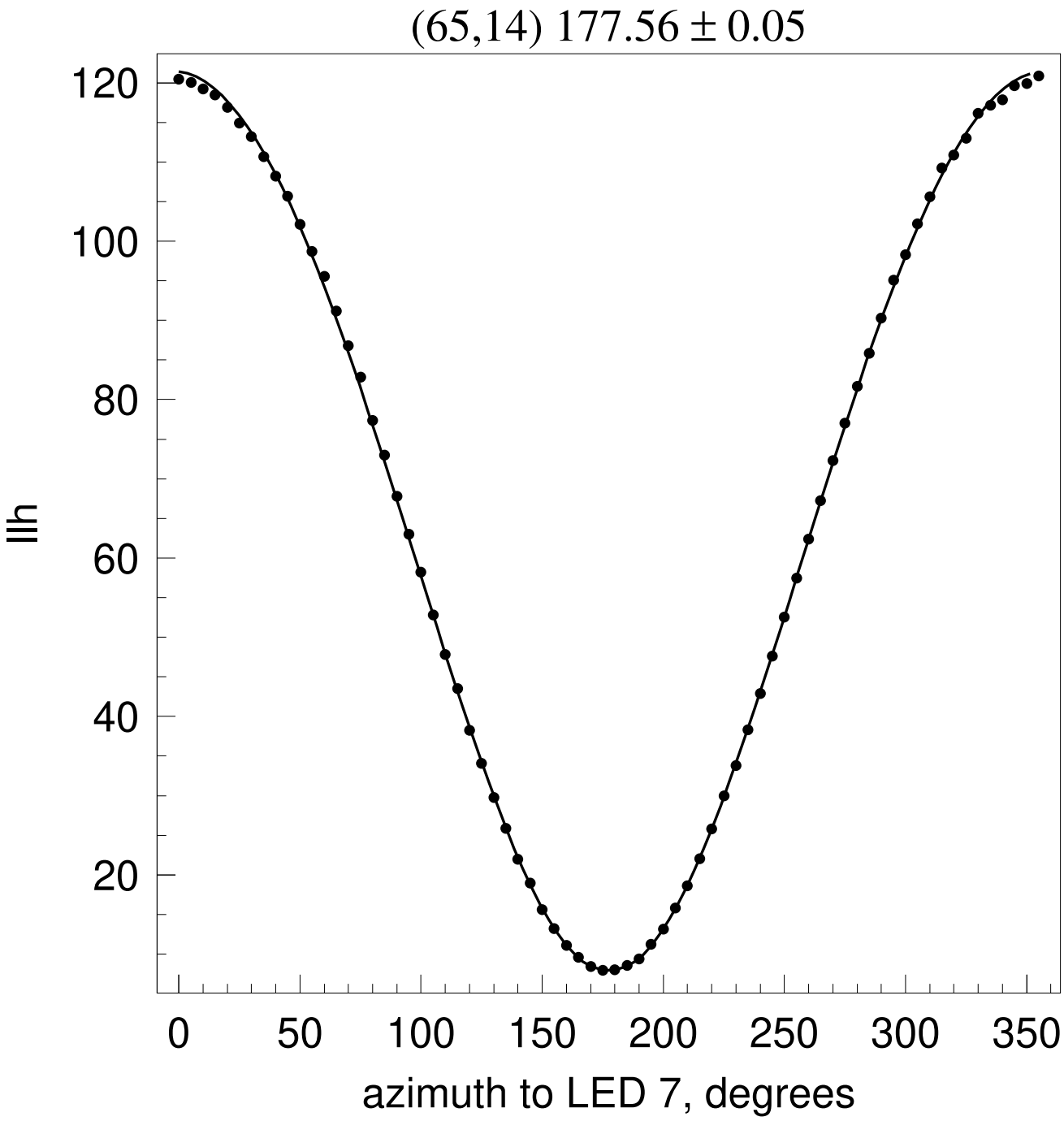

(65,9) 317.01 ± 0.23
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

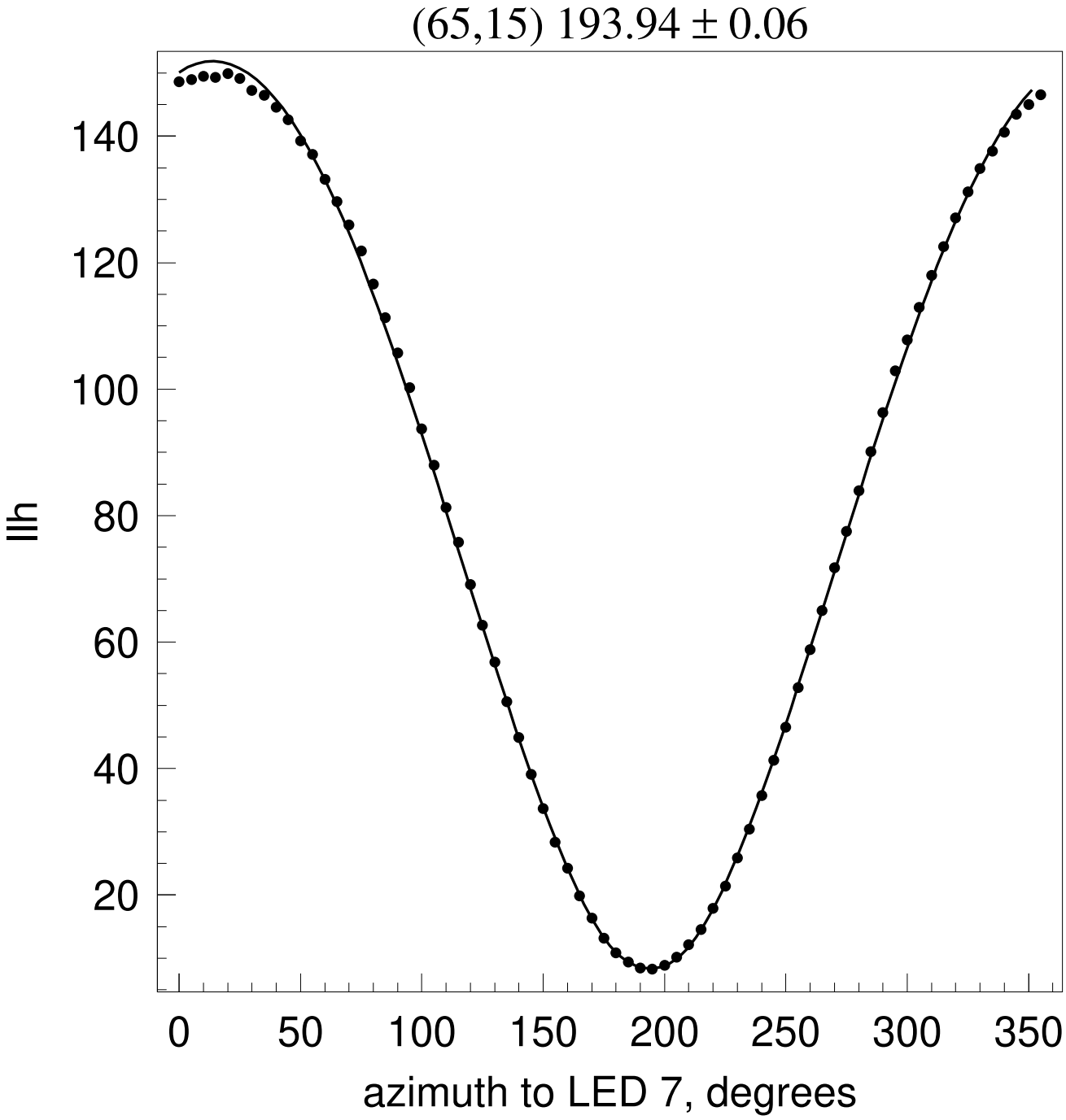

(65,10) 287.36 ± 0.16
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

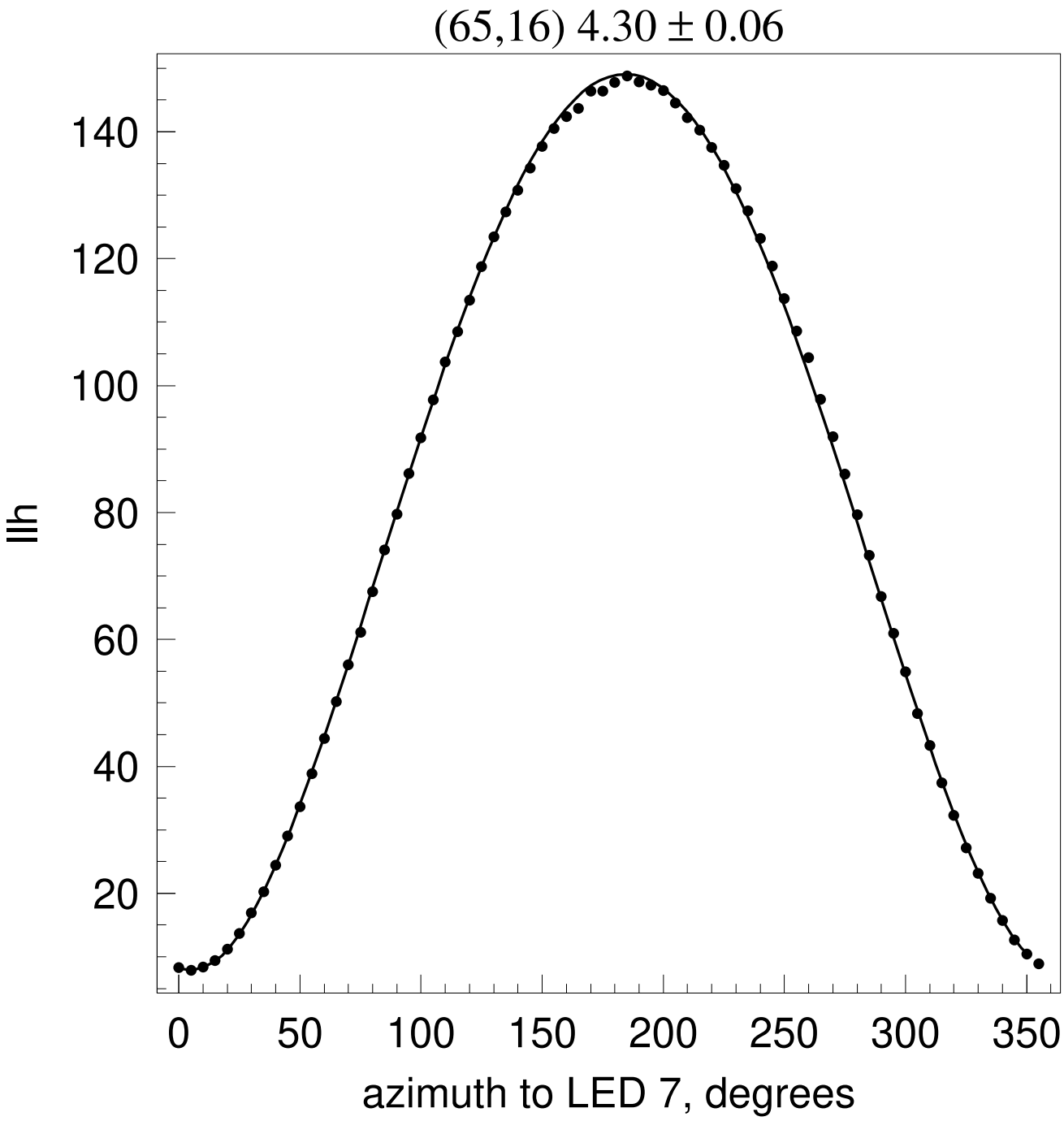

(65,11) 313.07 ± 0.10
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

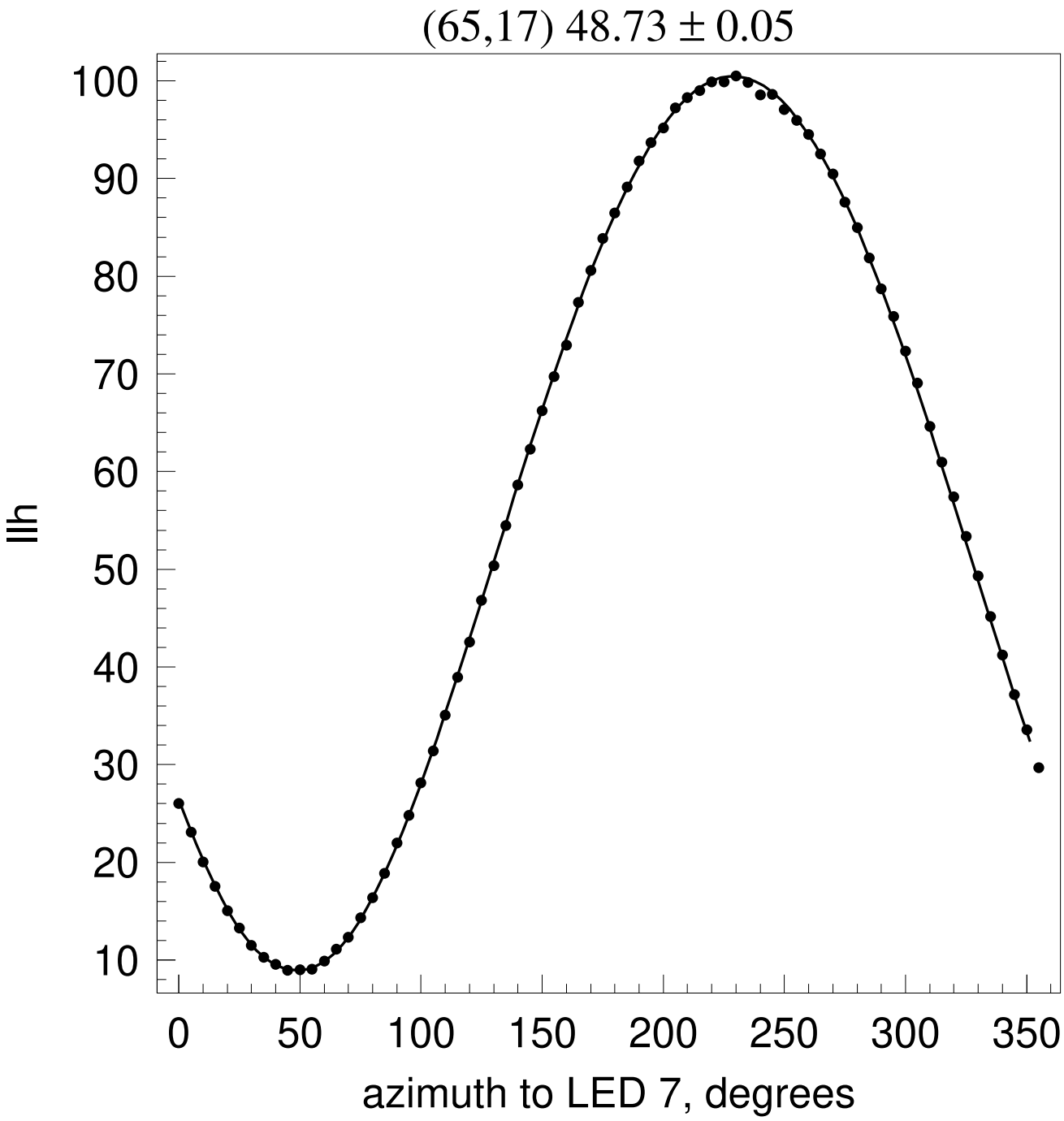

(65,12) 59.47 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

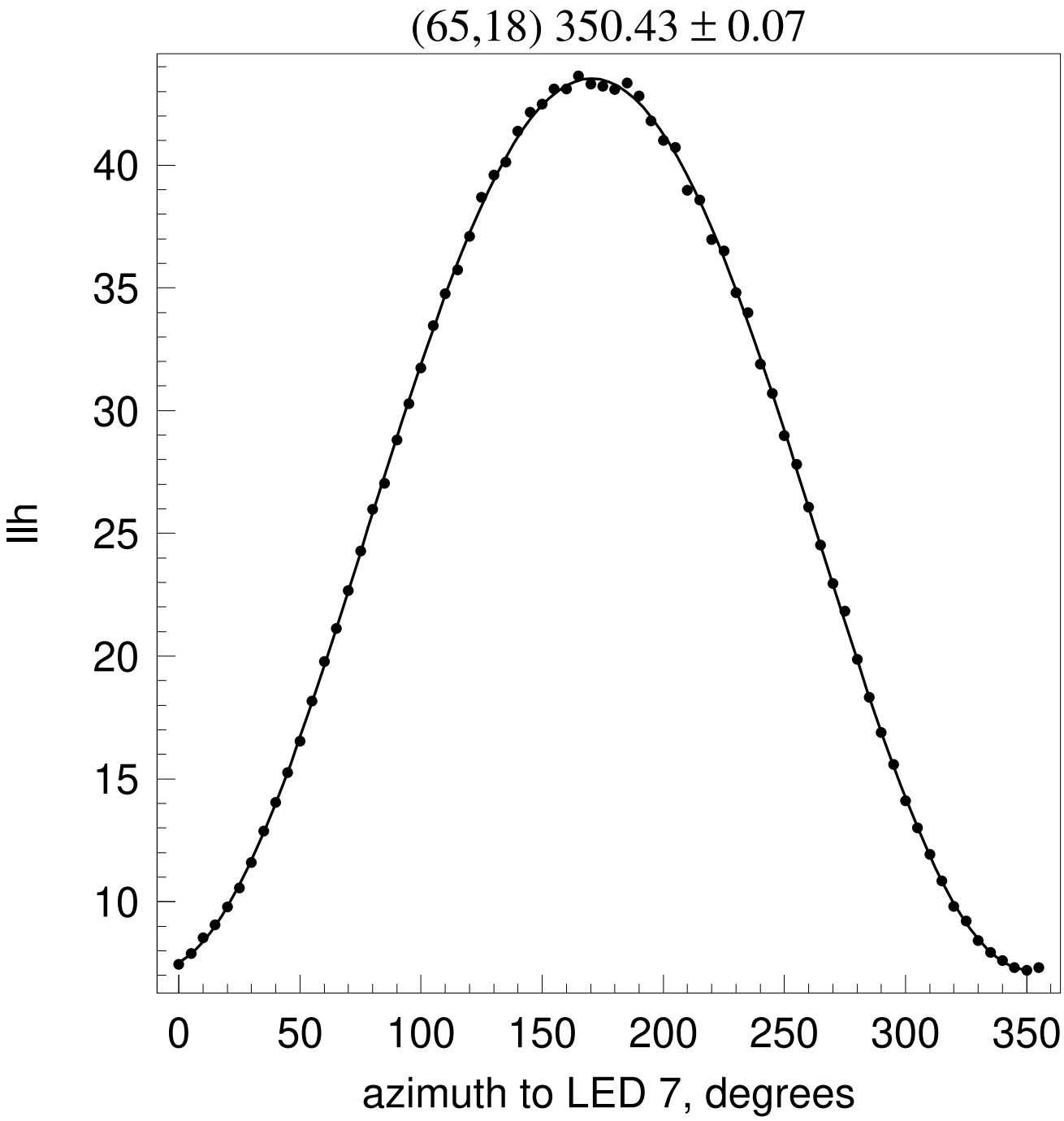

(65,13) 228.32 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

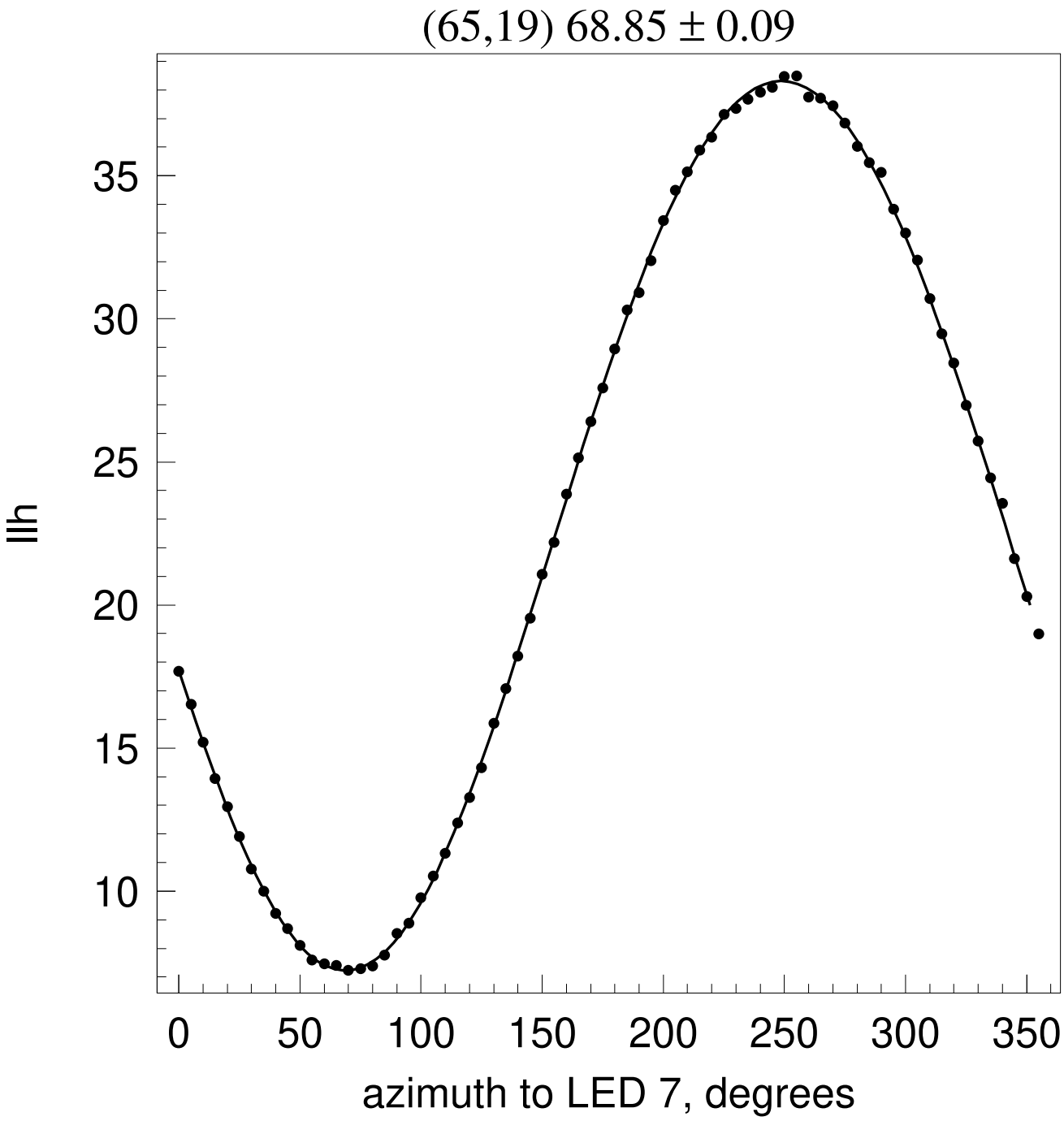

(65,14) 177.56 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

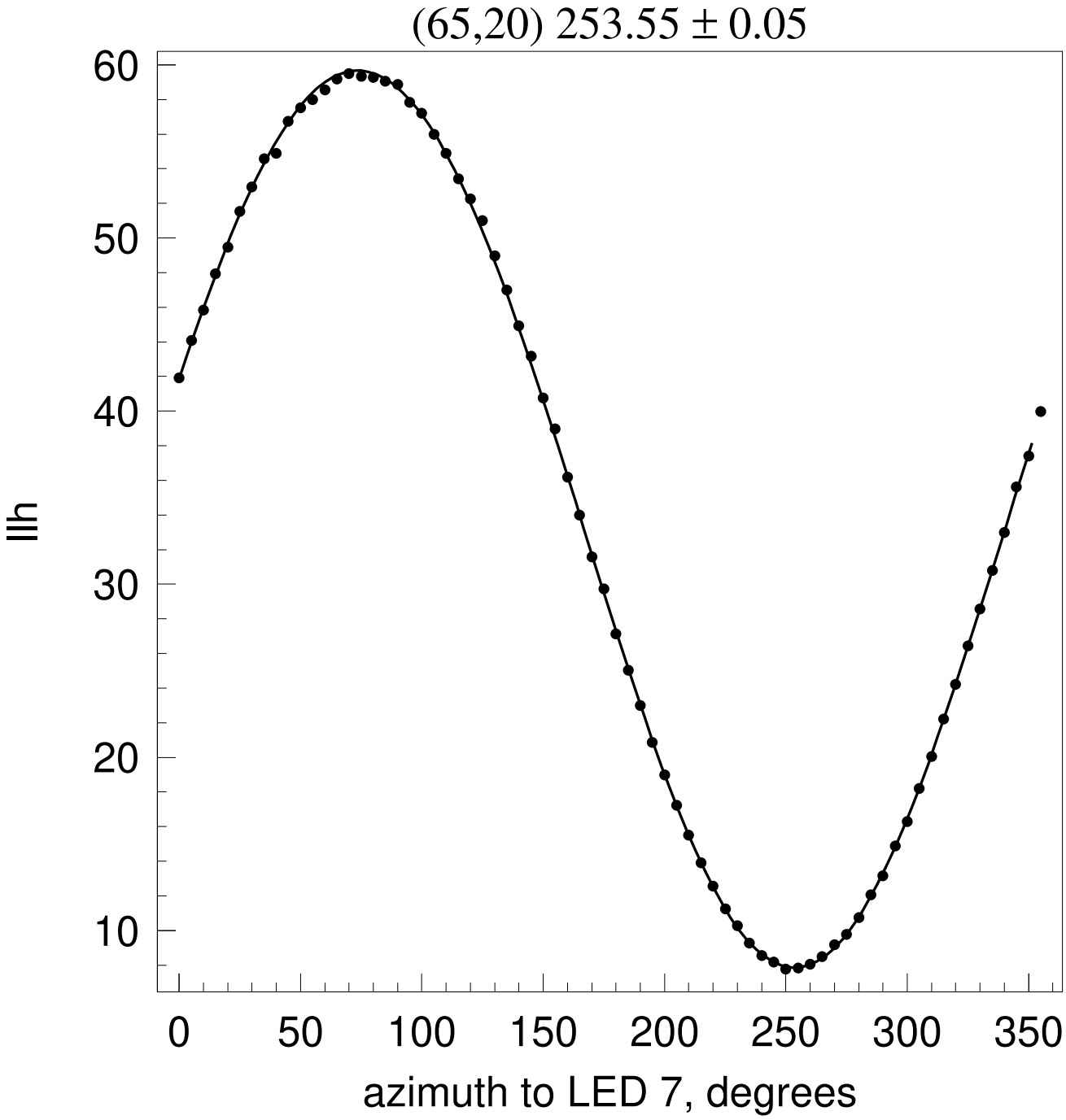

(65,15) 193.94 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

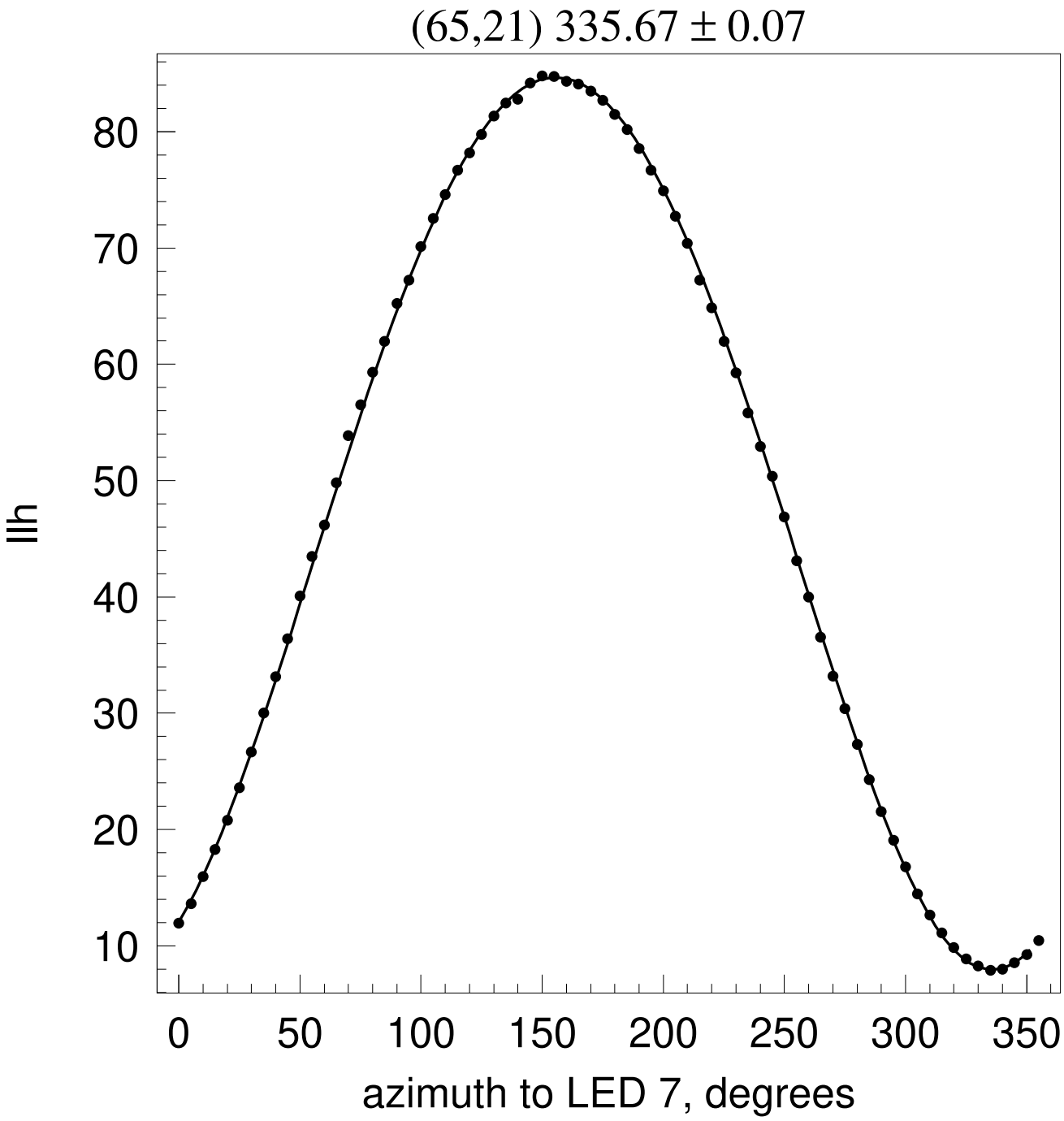

(65,16) 4.30 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

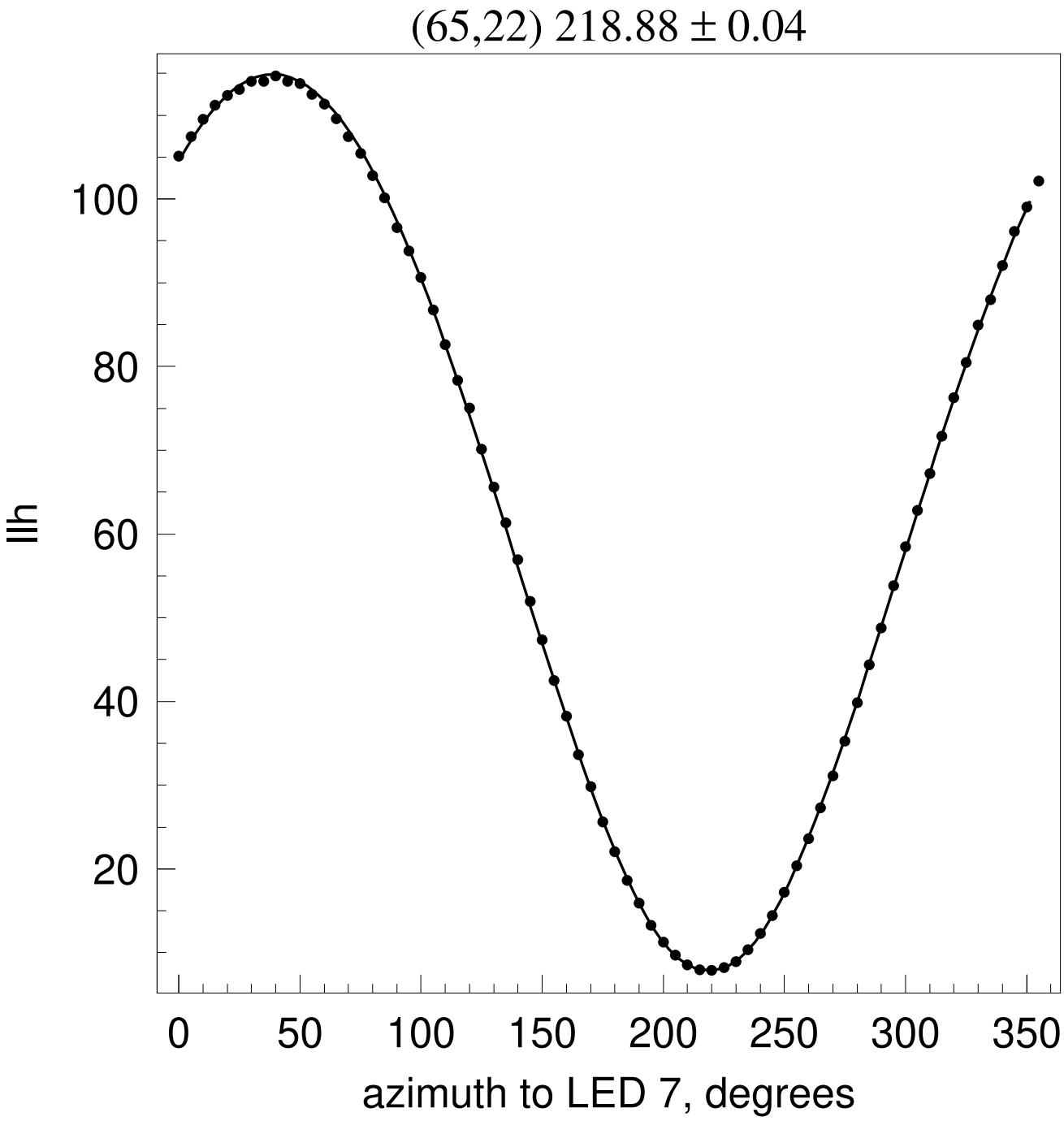

(65,17) 48.73 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

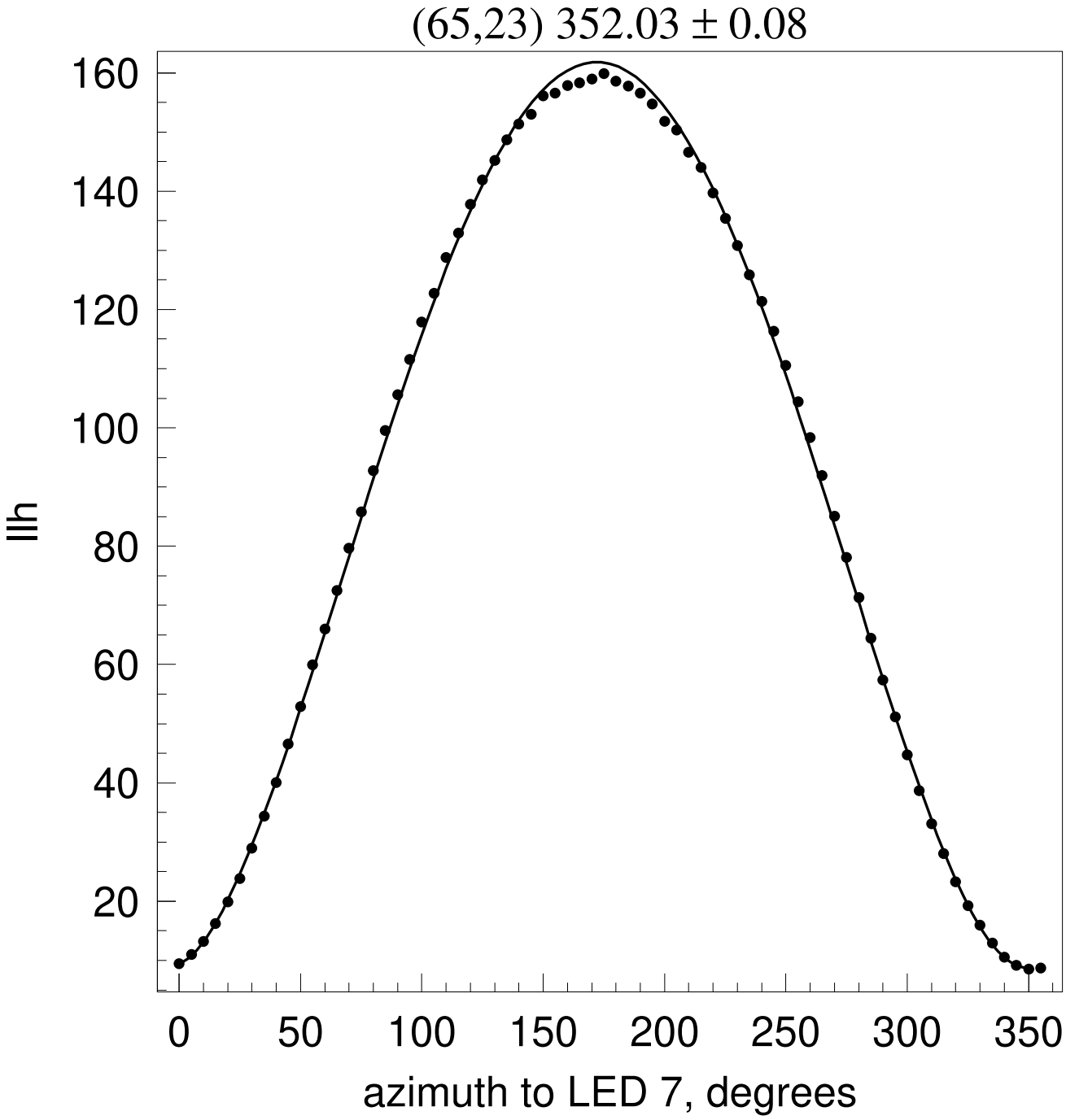

(65,18) 350.43 ± 0.07
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

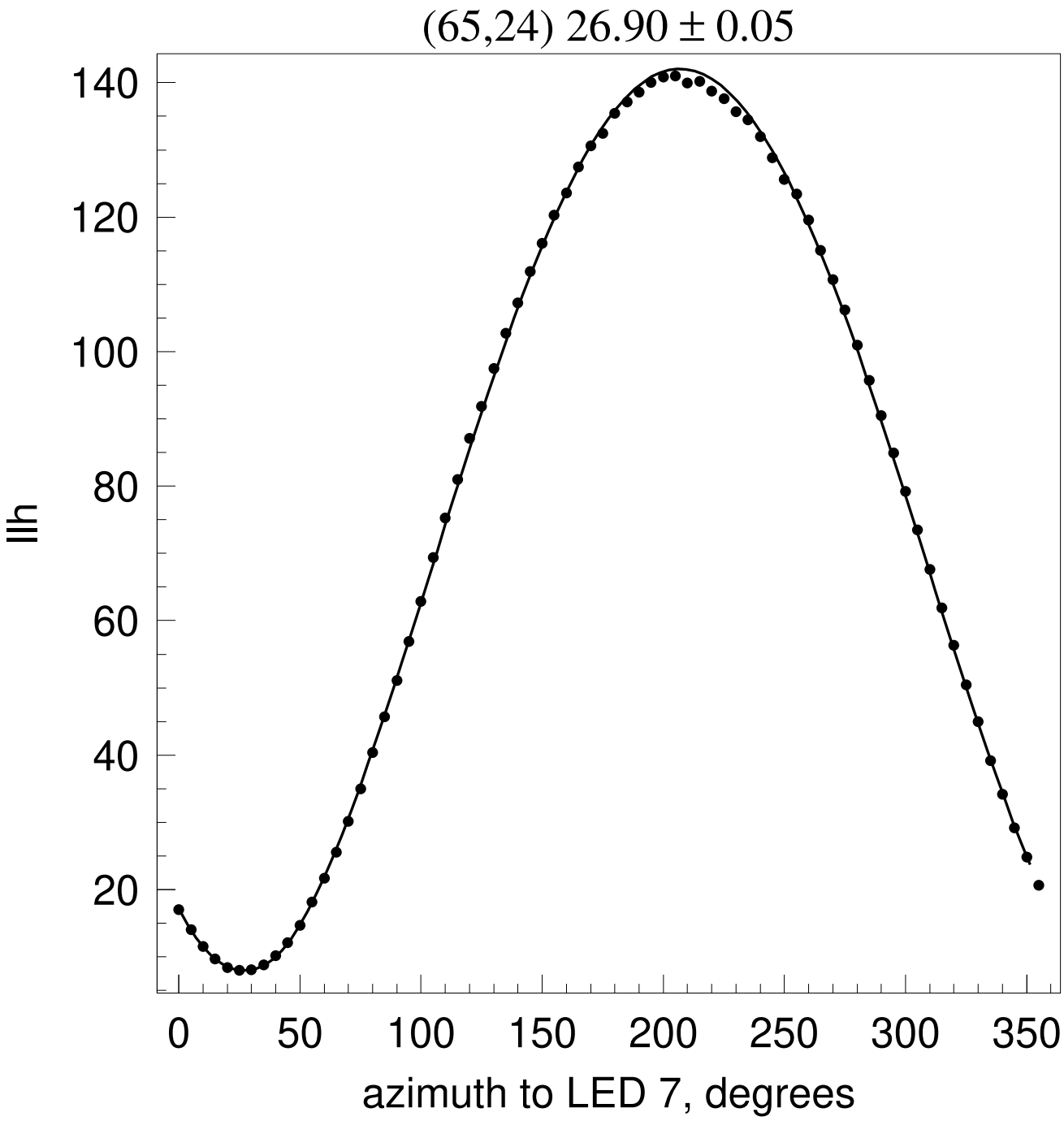

(65,19) 68.85 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

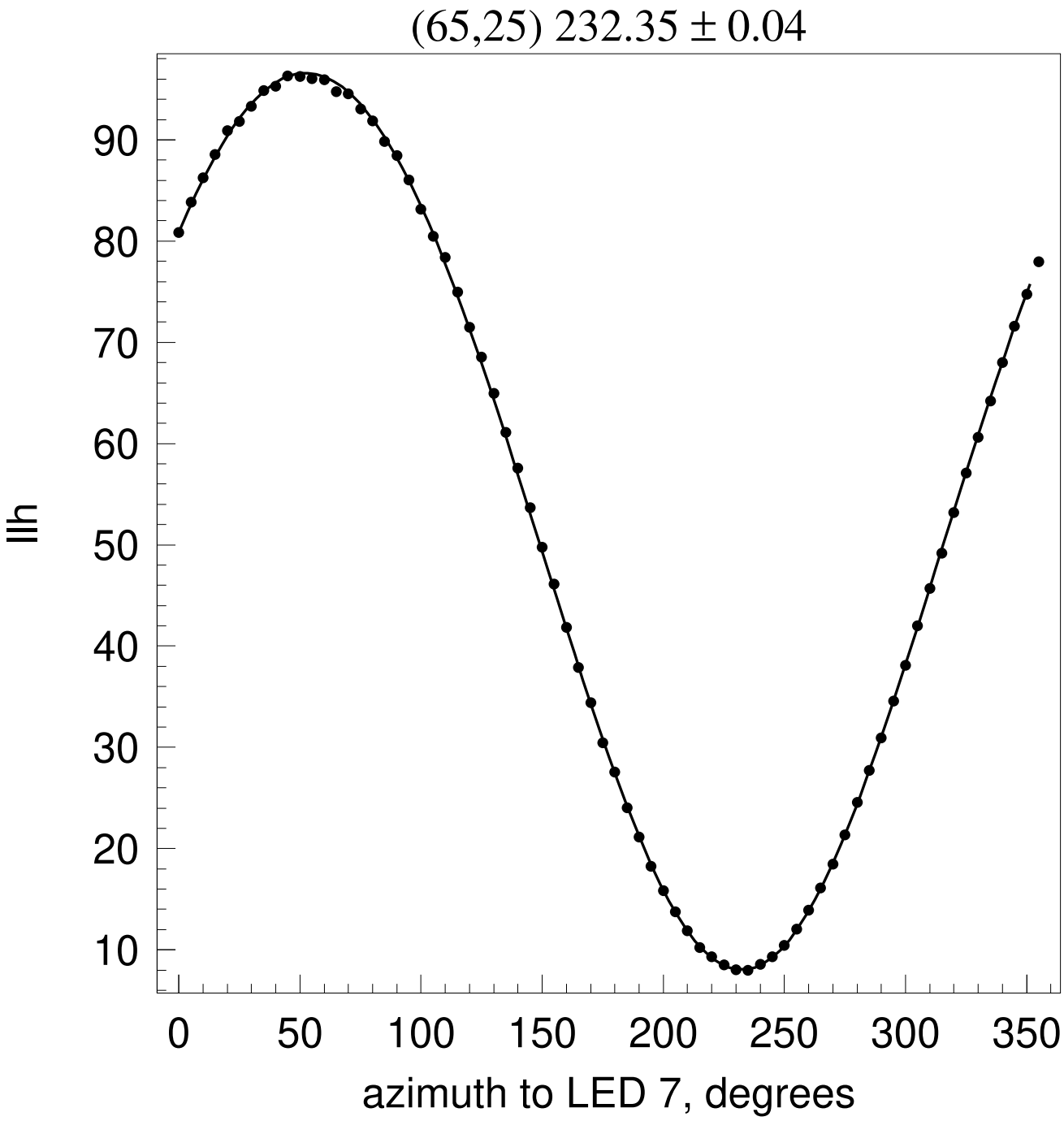

(65,20) 253.55 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

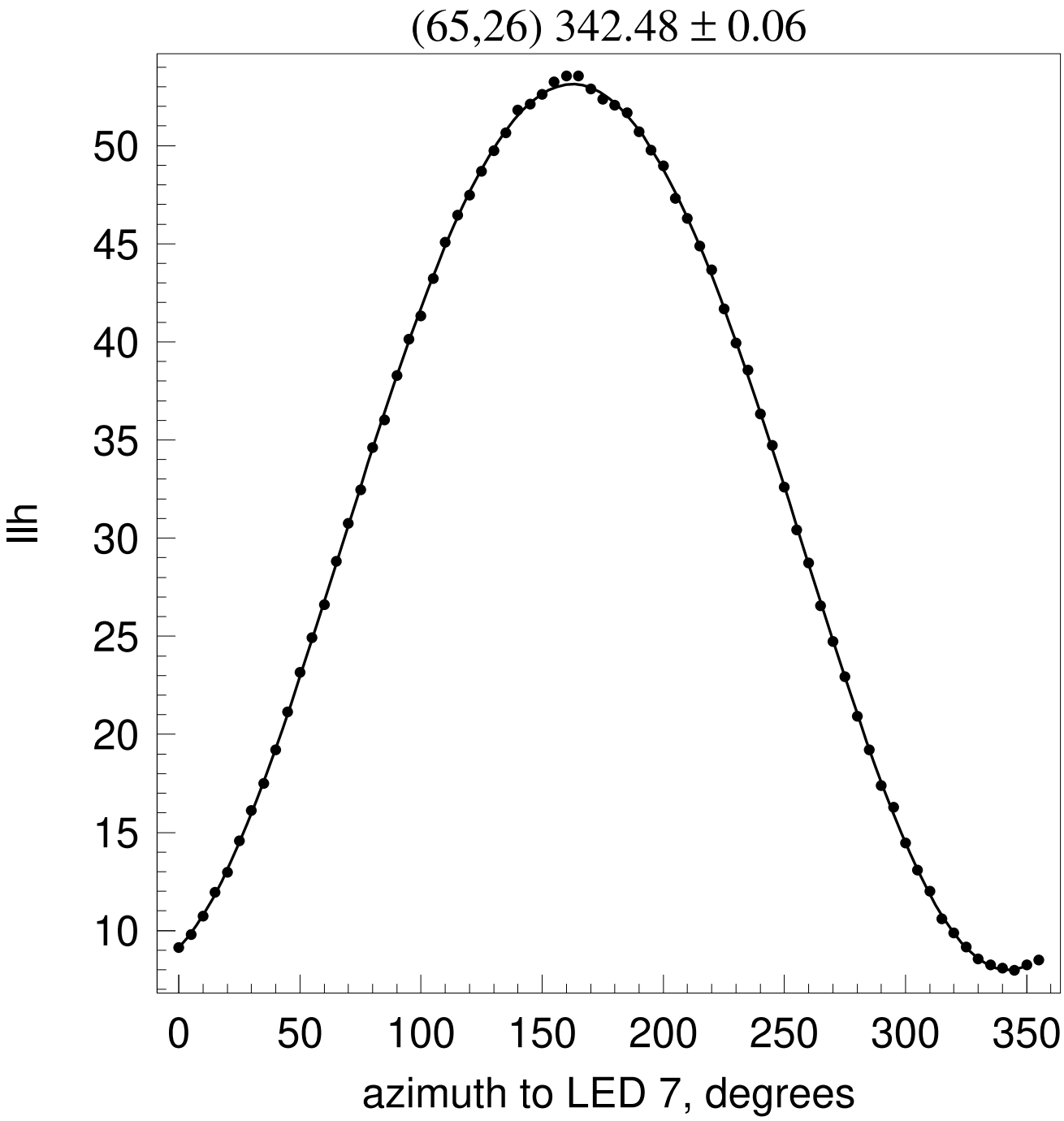

(65,21) 335.67 ± 0.07
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

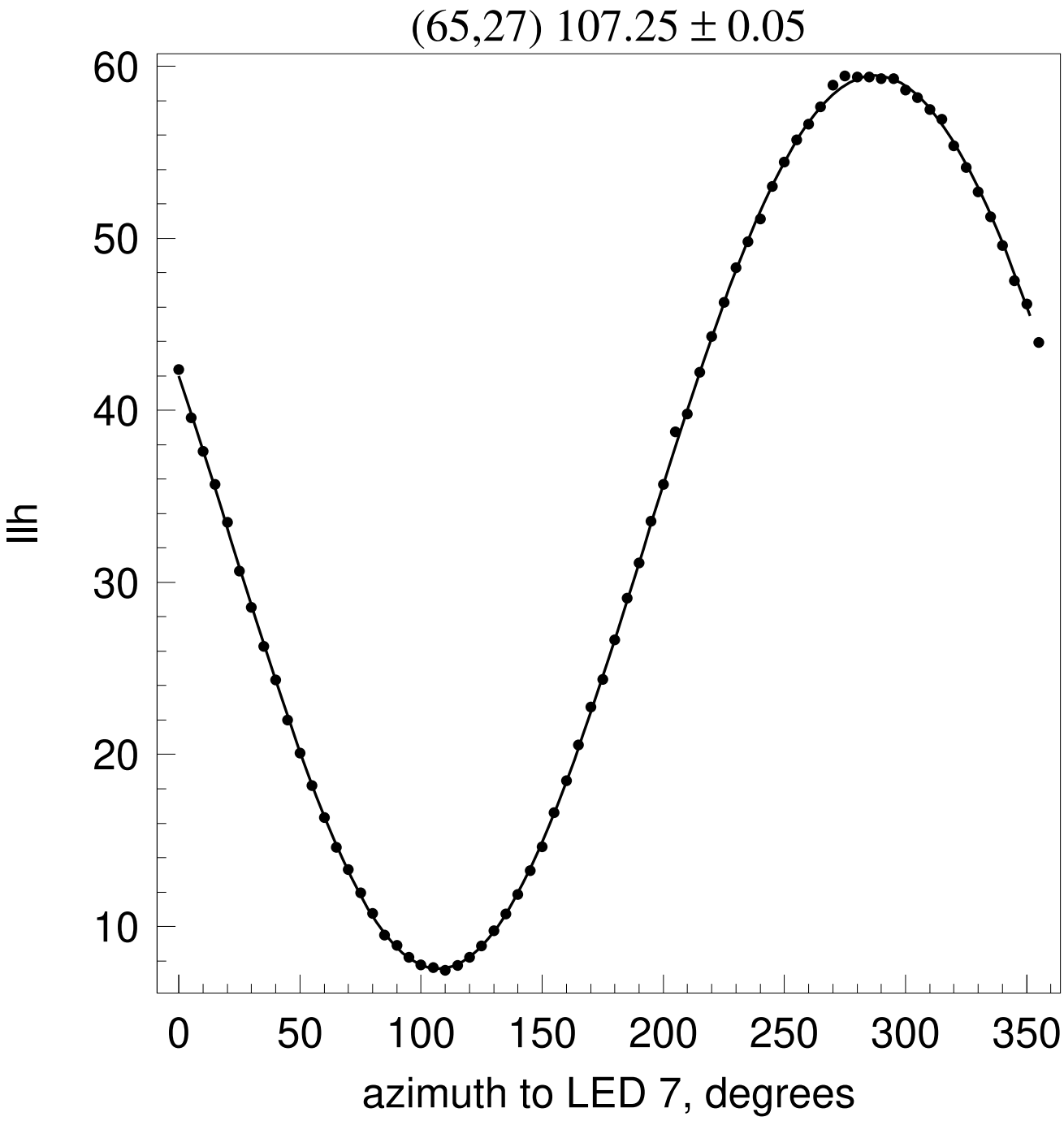

(65,22) 218.88 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

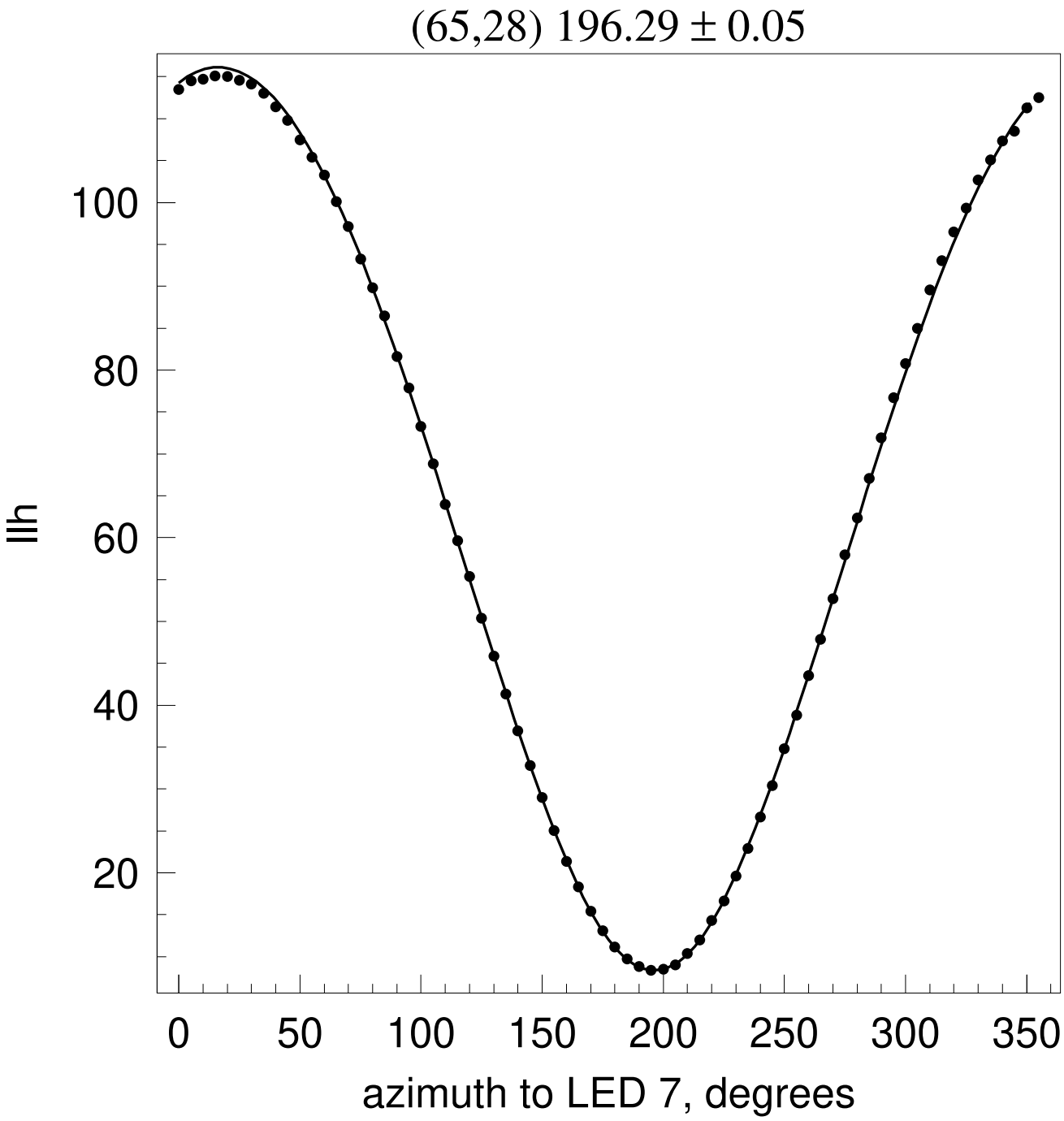

(65,23) 352.03 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

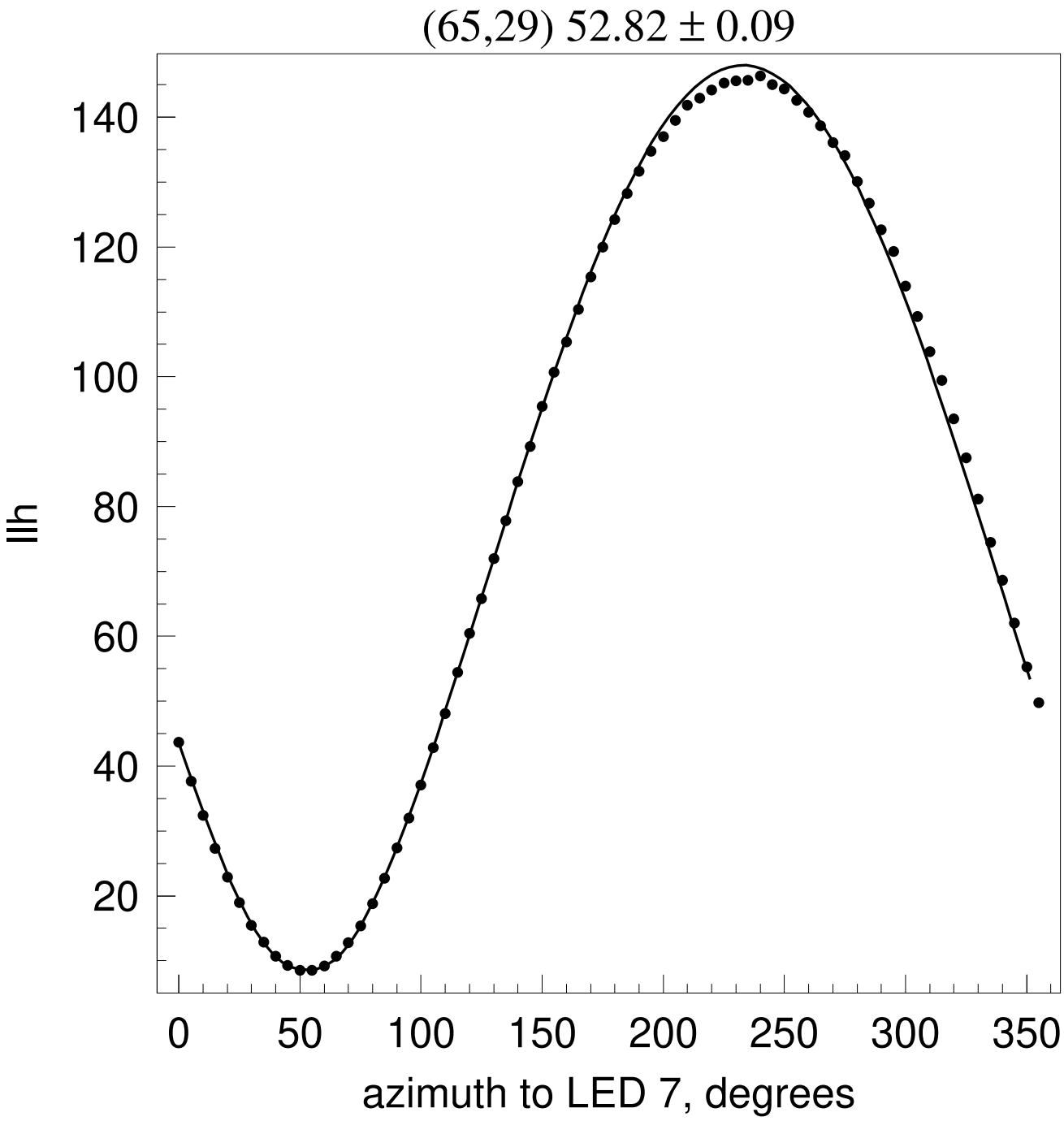

(65,24) 26.90 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

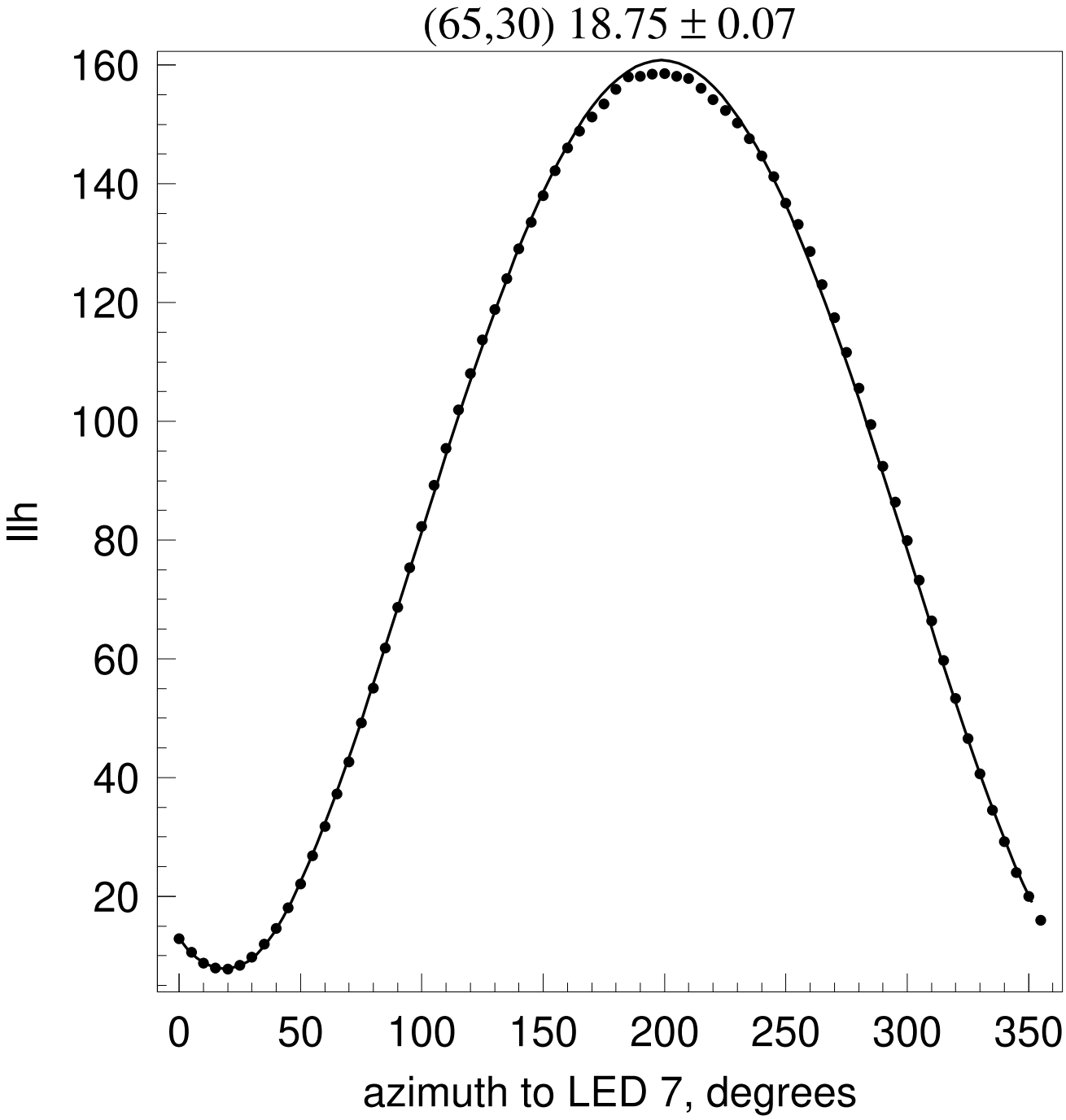

(65,25) 232.35 ± 0.04
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

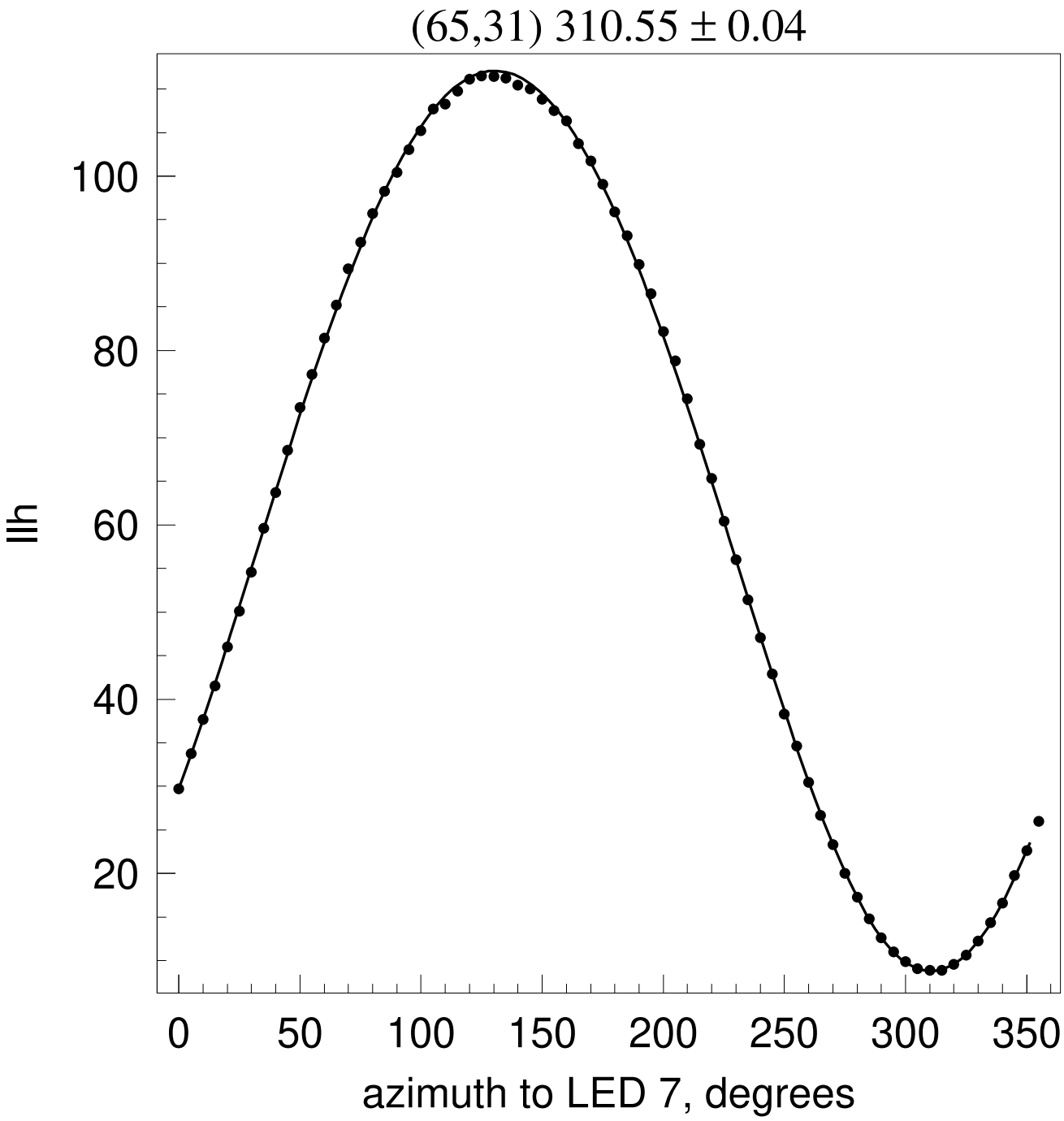

(65,26) 342.48 ± 0.06
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

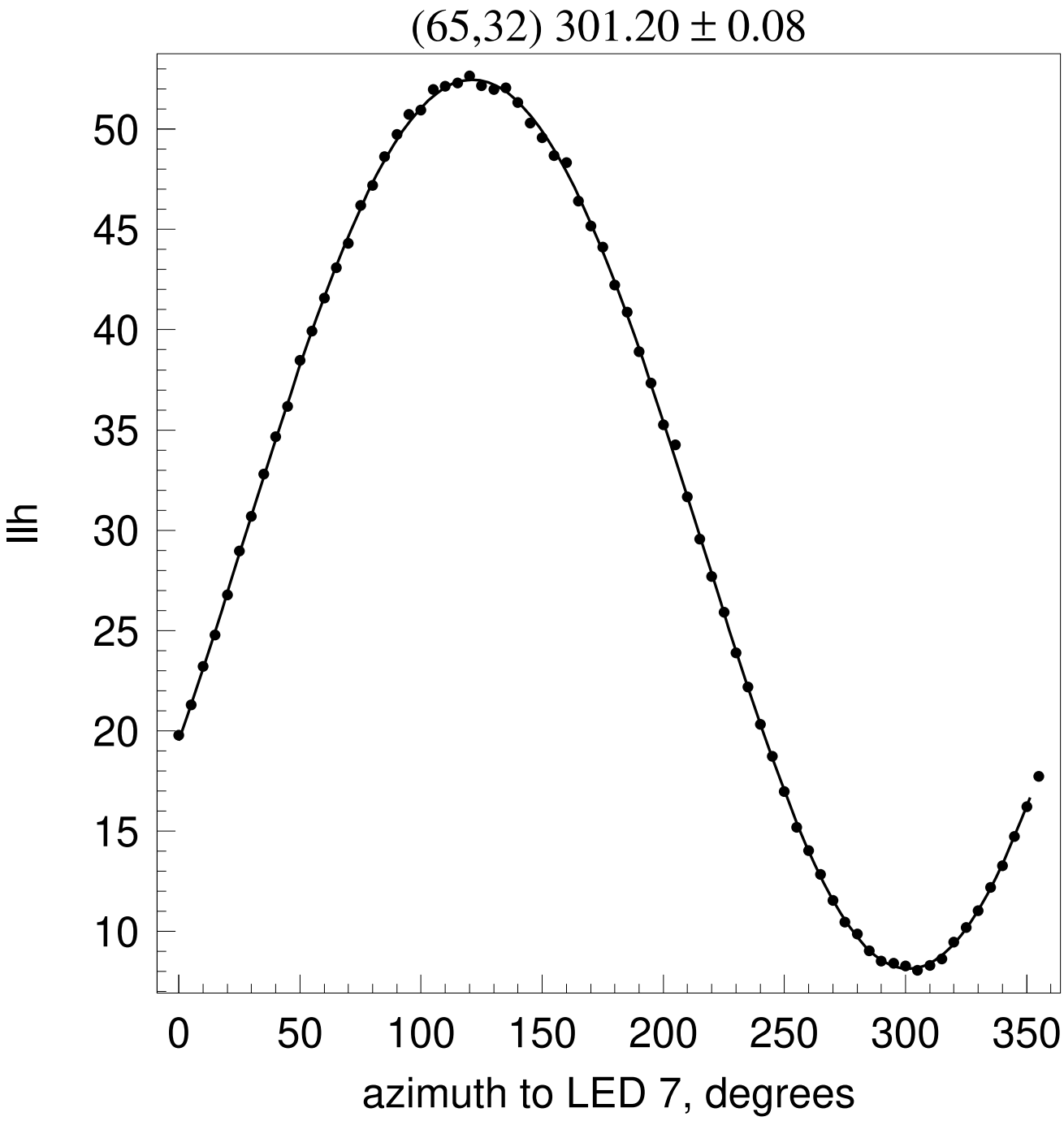

(65,27) 107.25 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

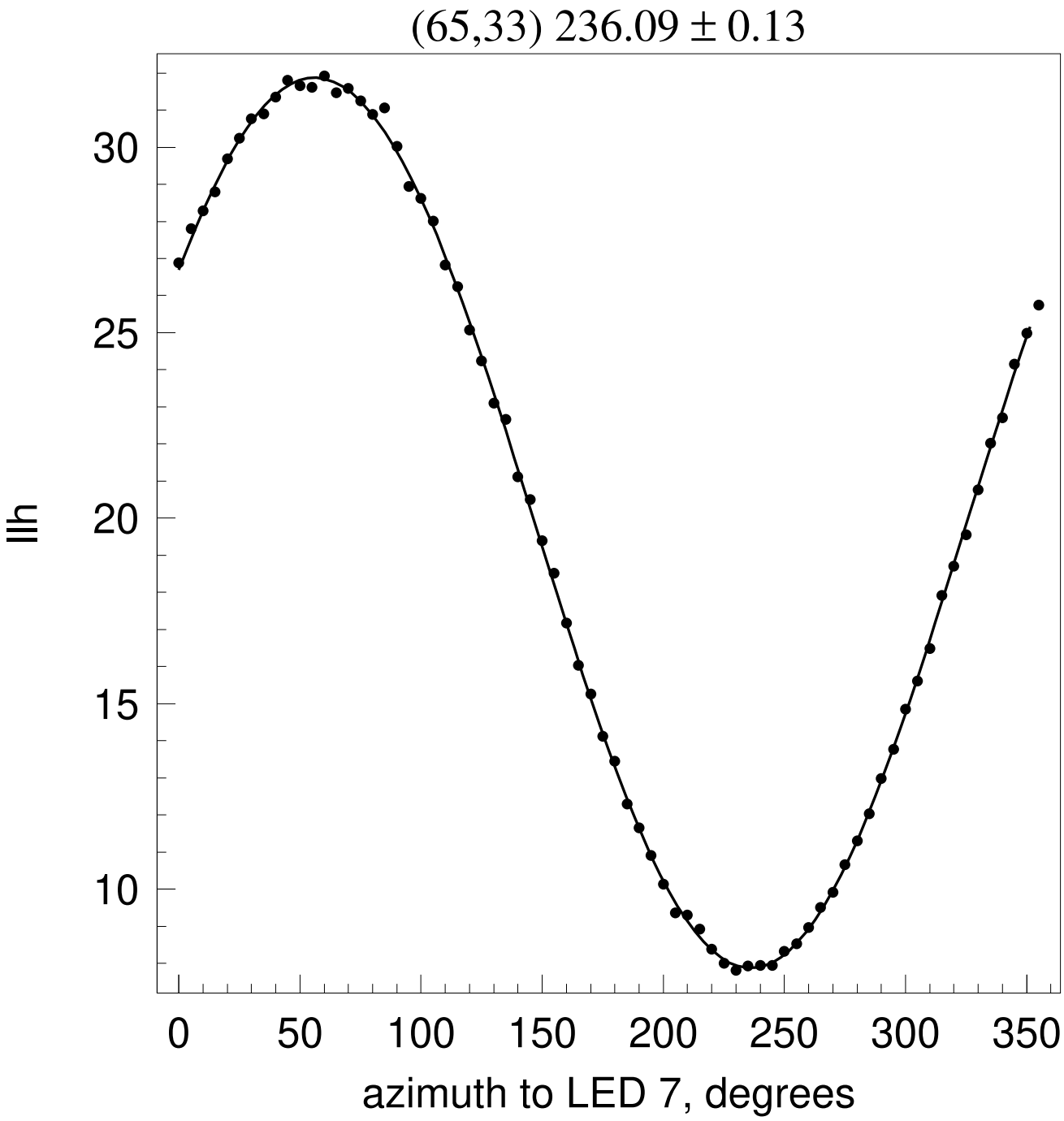

(65,28) 196.29 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

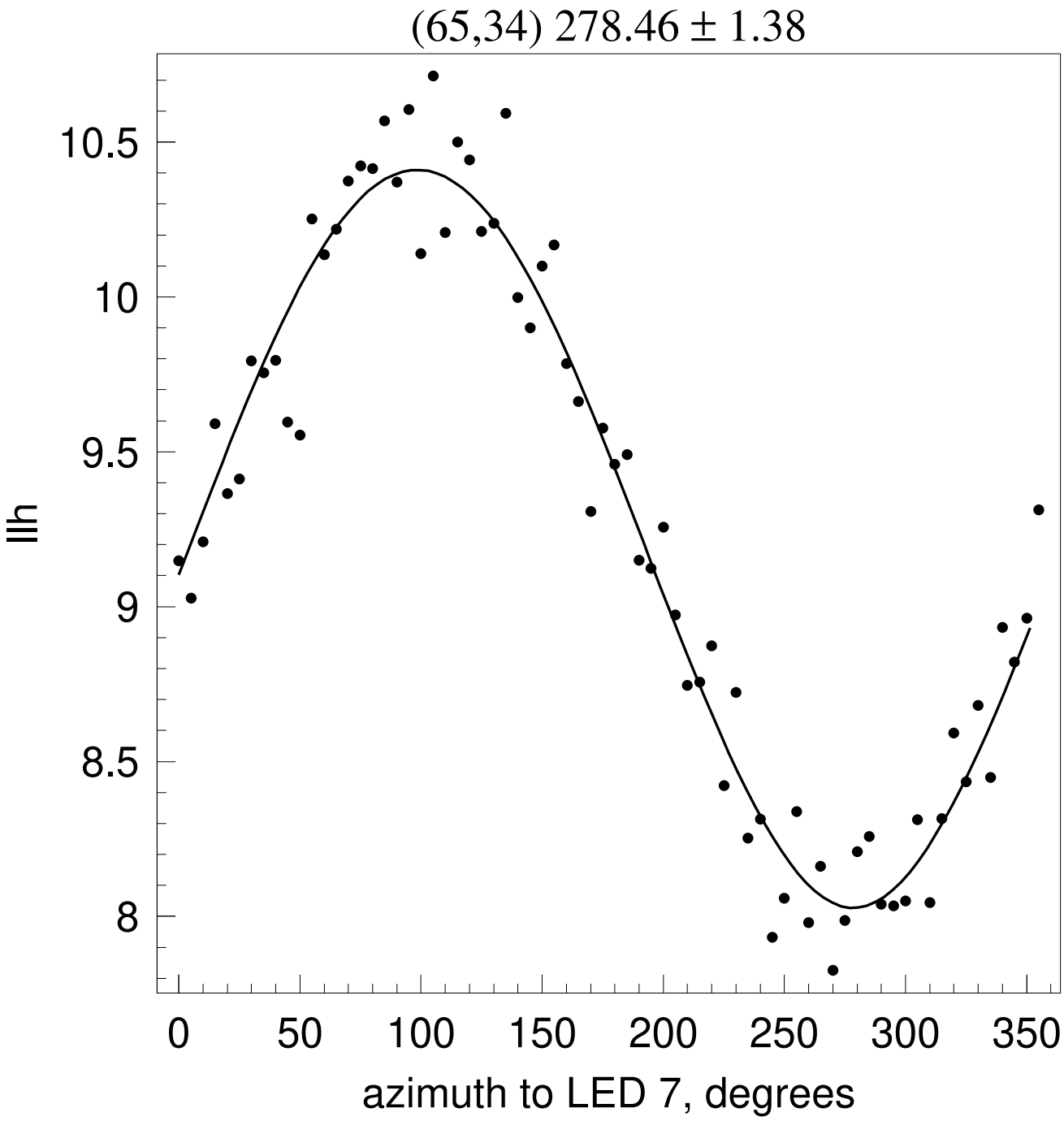

(65,29) 52.82 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

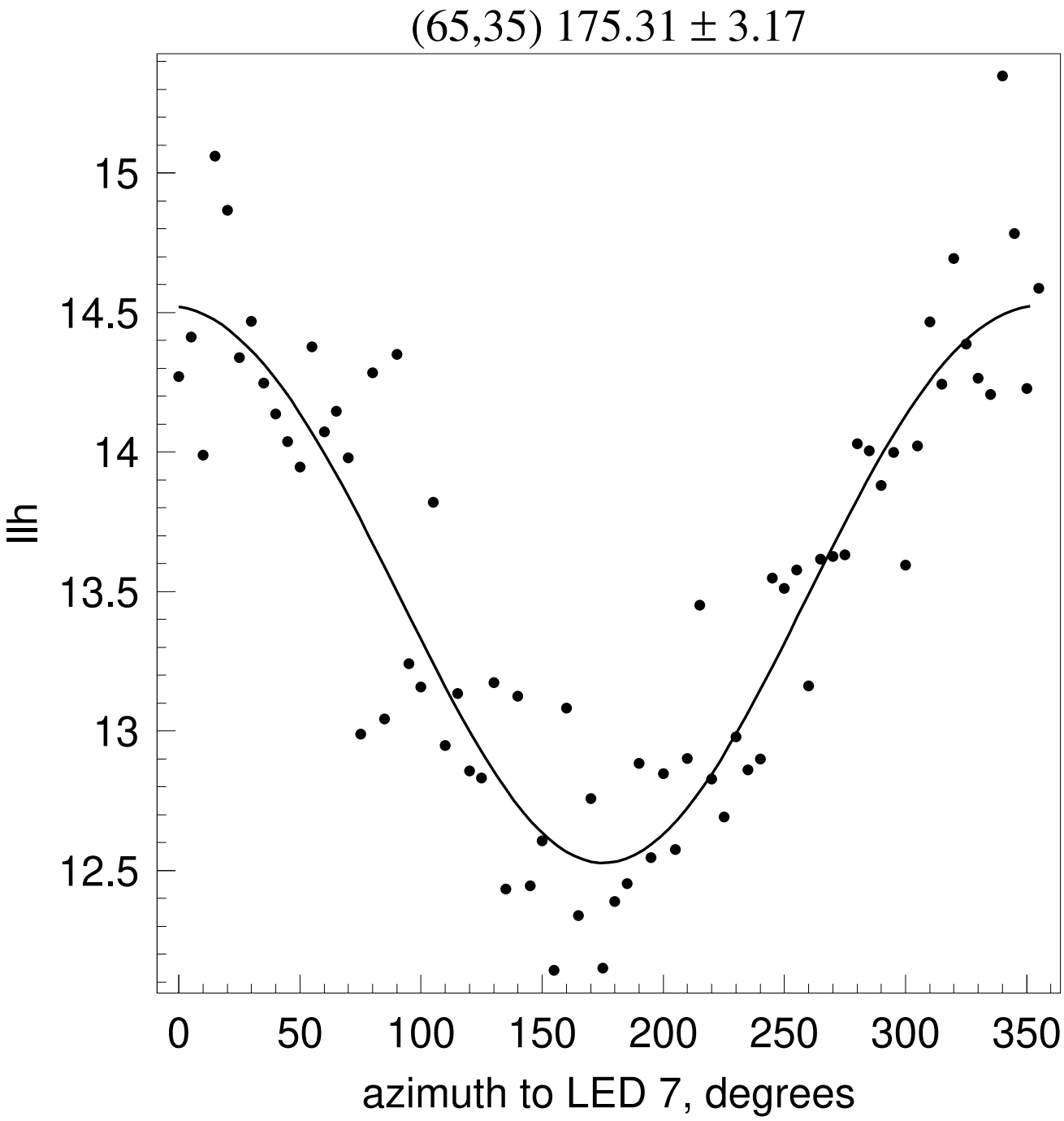

(65,30) 18.75 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

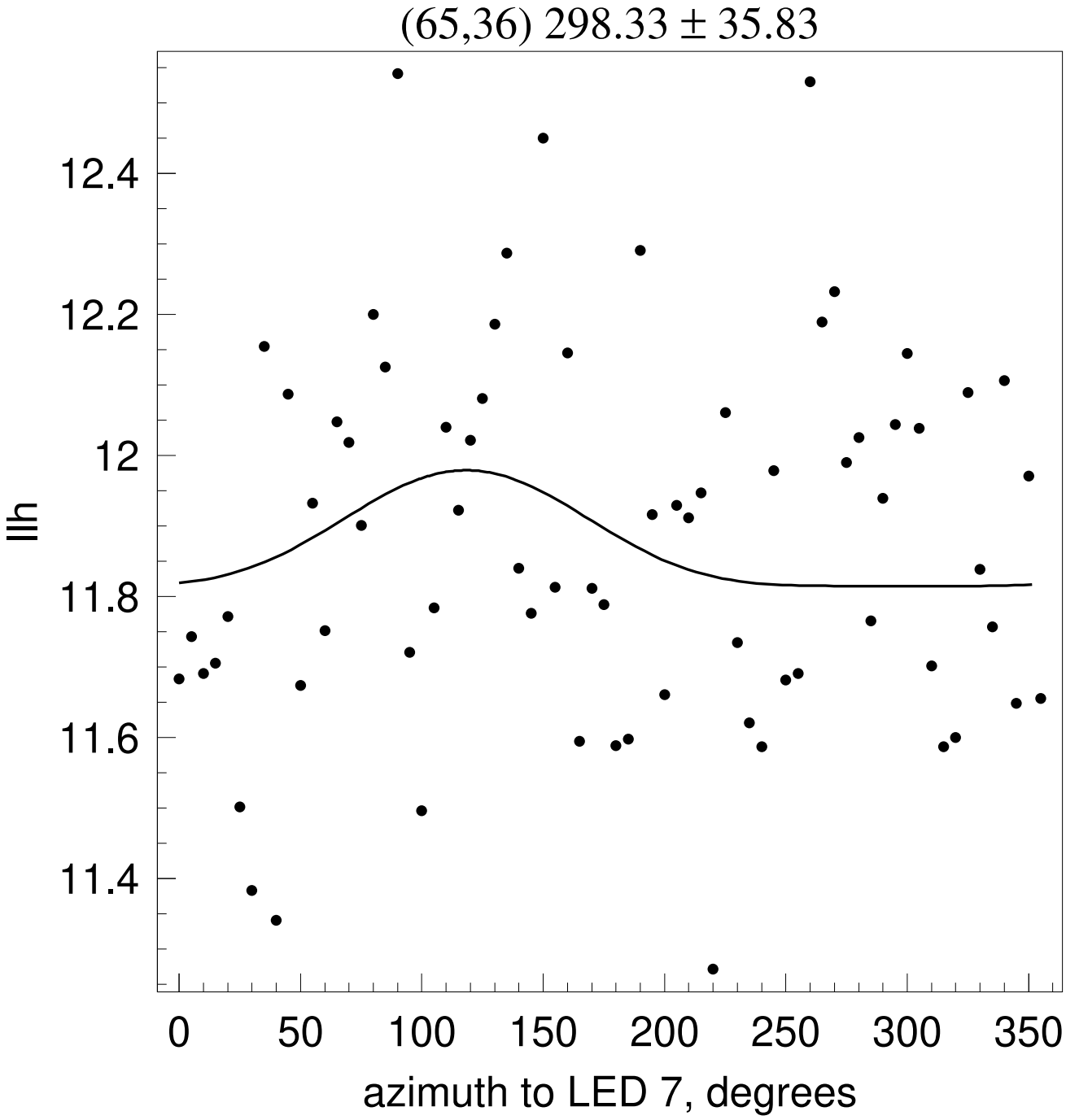

(65,31) 310.55 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

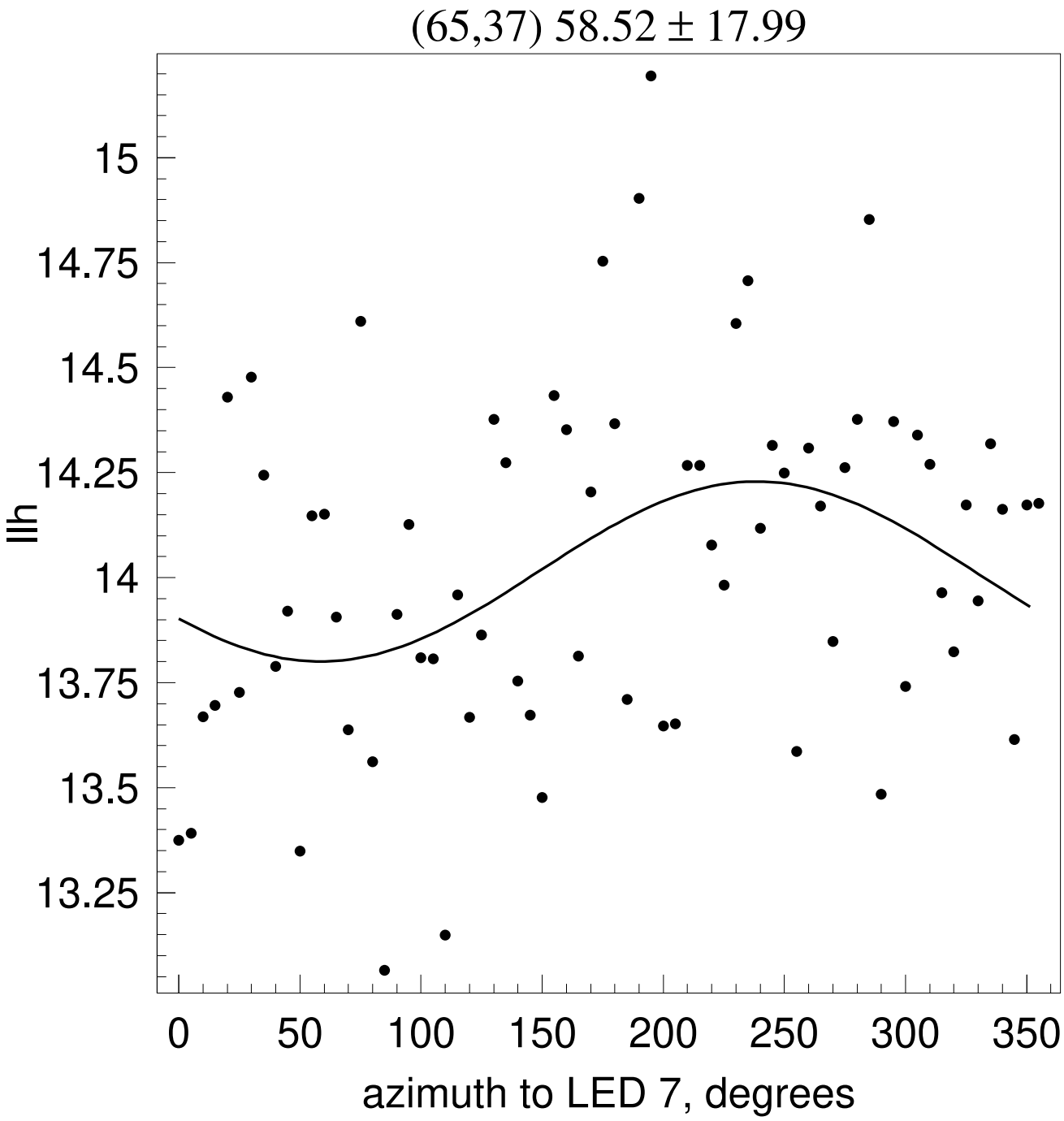

(65,32) 301.20 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

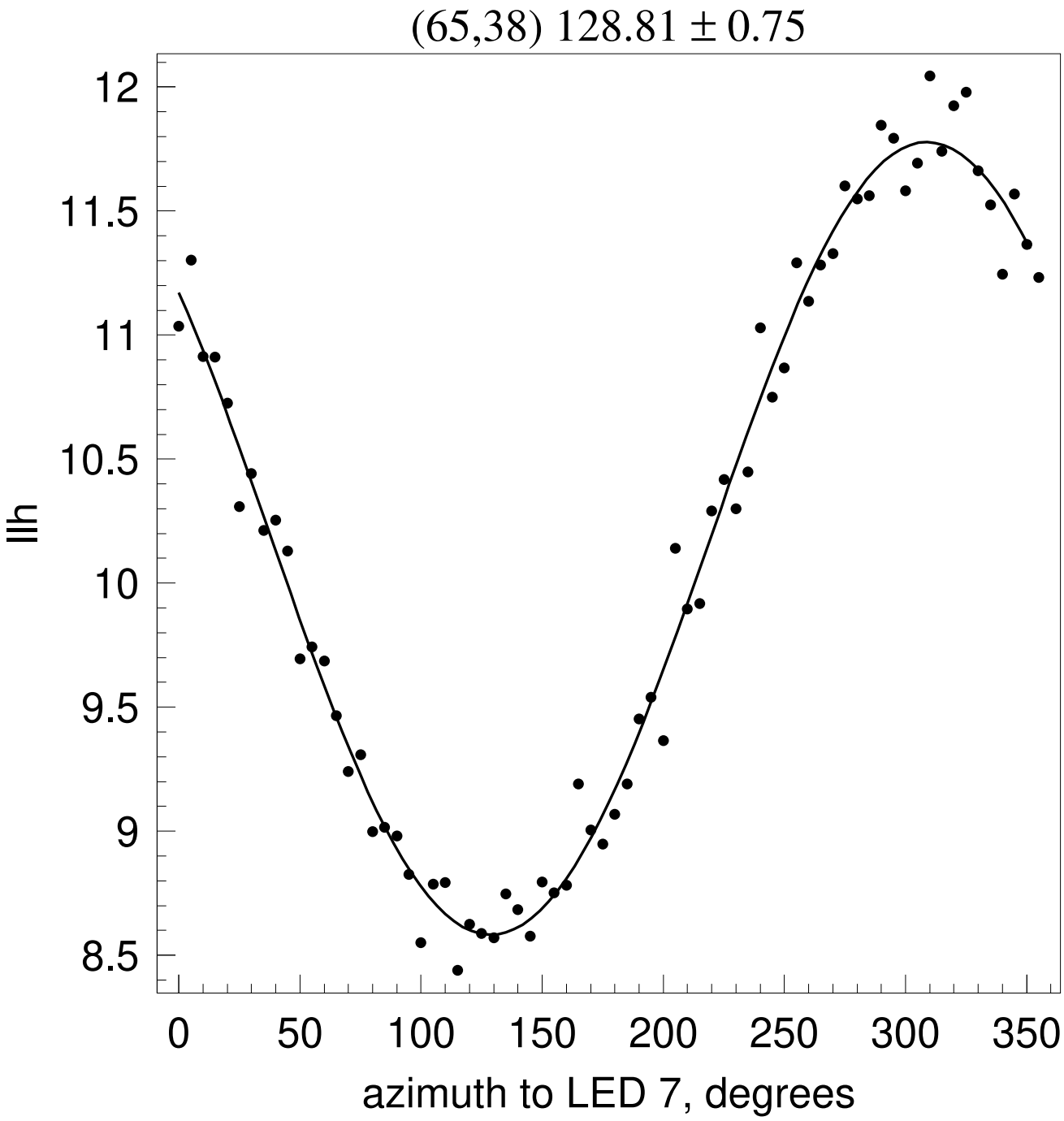

(65,33) 236.09 ± 0.13
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

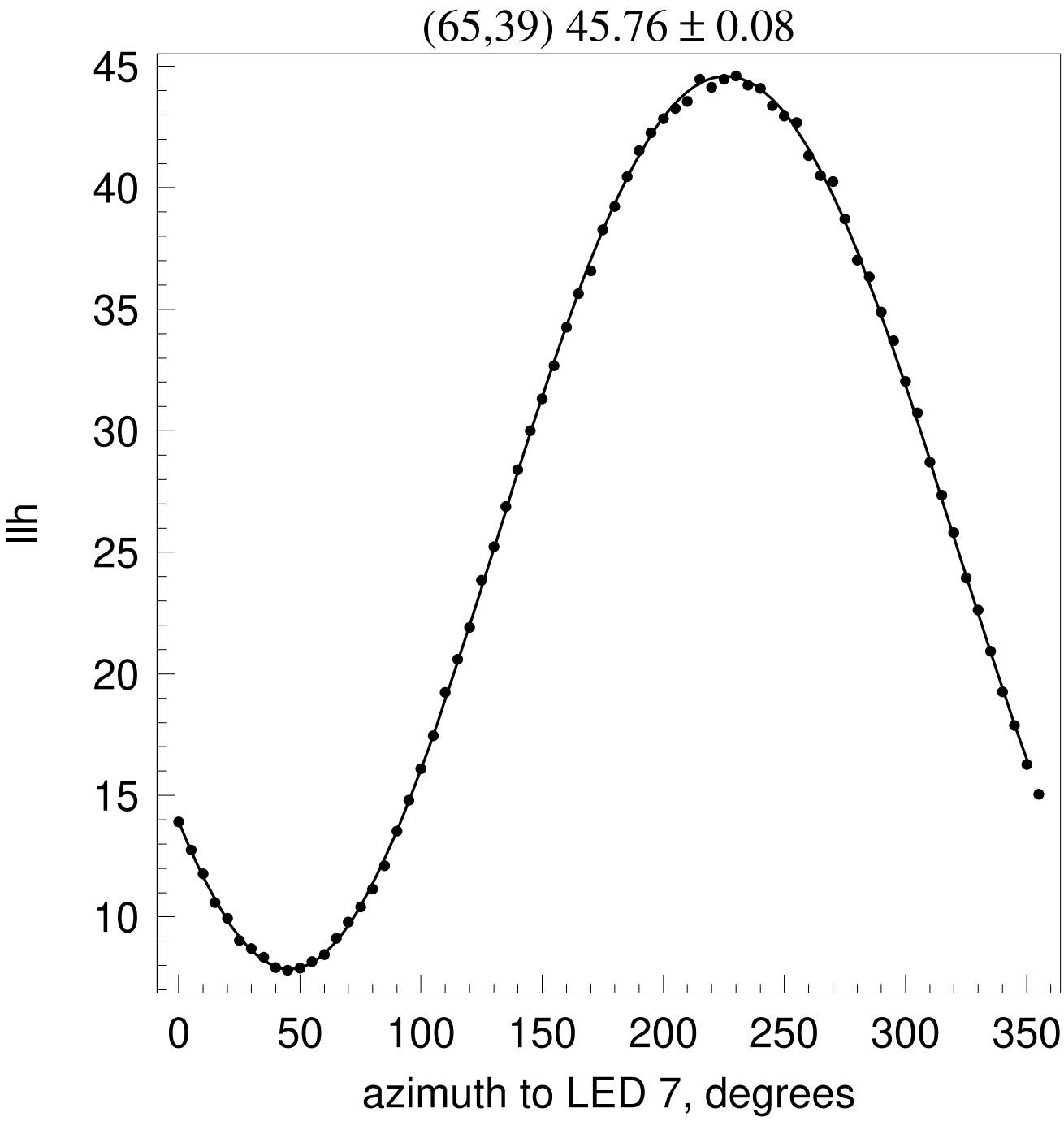

(65,34) 278.46 ± 1.38
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

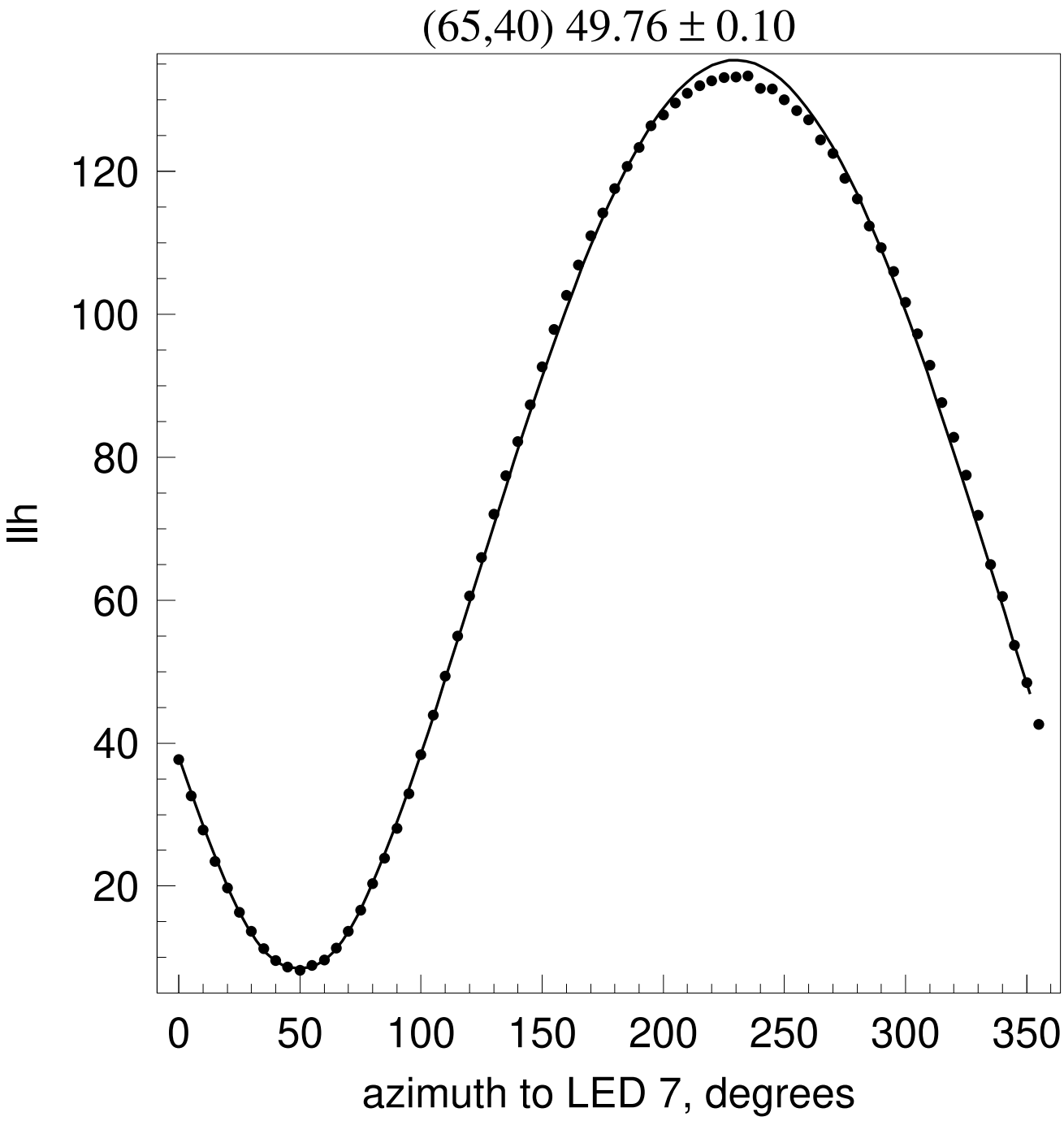

(65,35) 175.31 ± 3.17
15
14.5
14
13.5
13
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

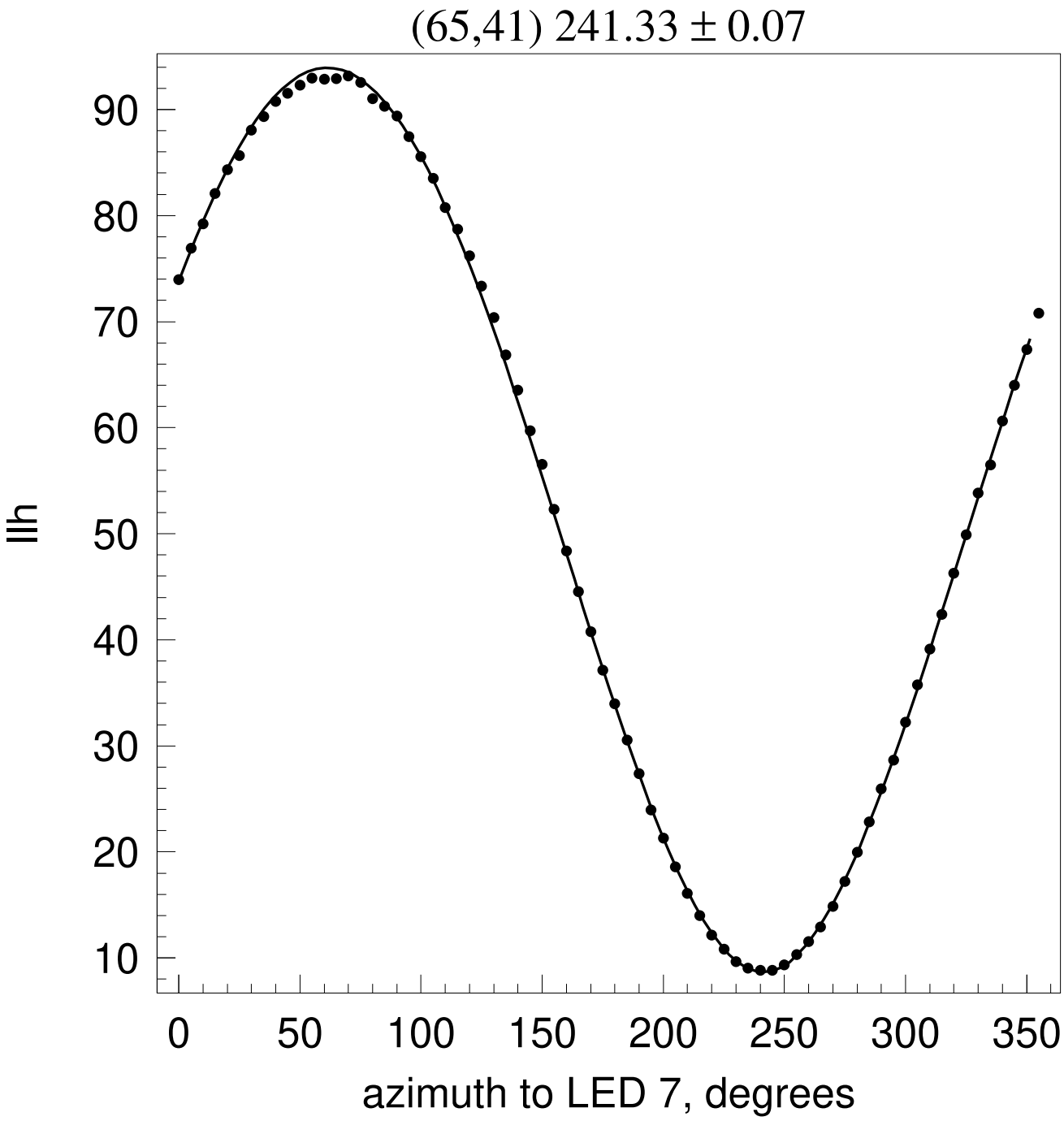

(65,36) 298.33 ± 35.83
12.4
12.2
12
11.8
11.6
11.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

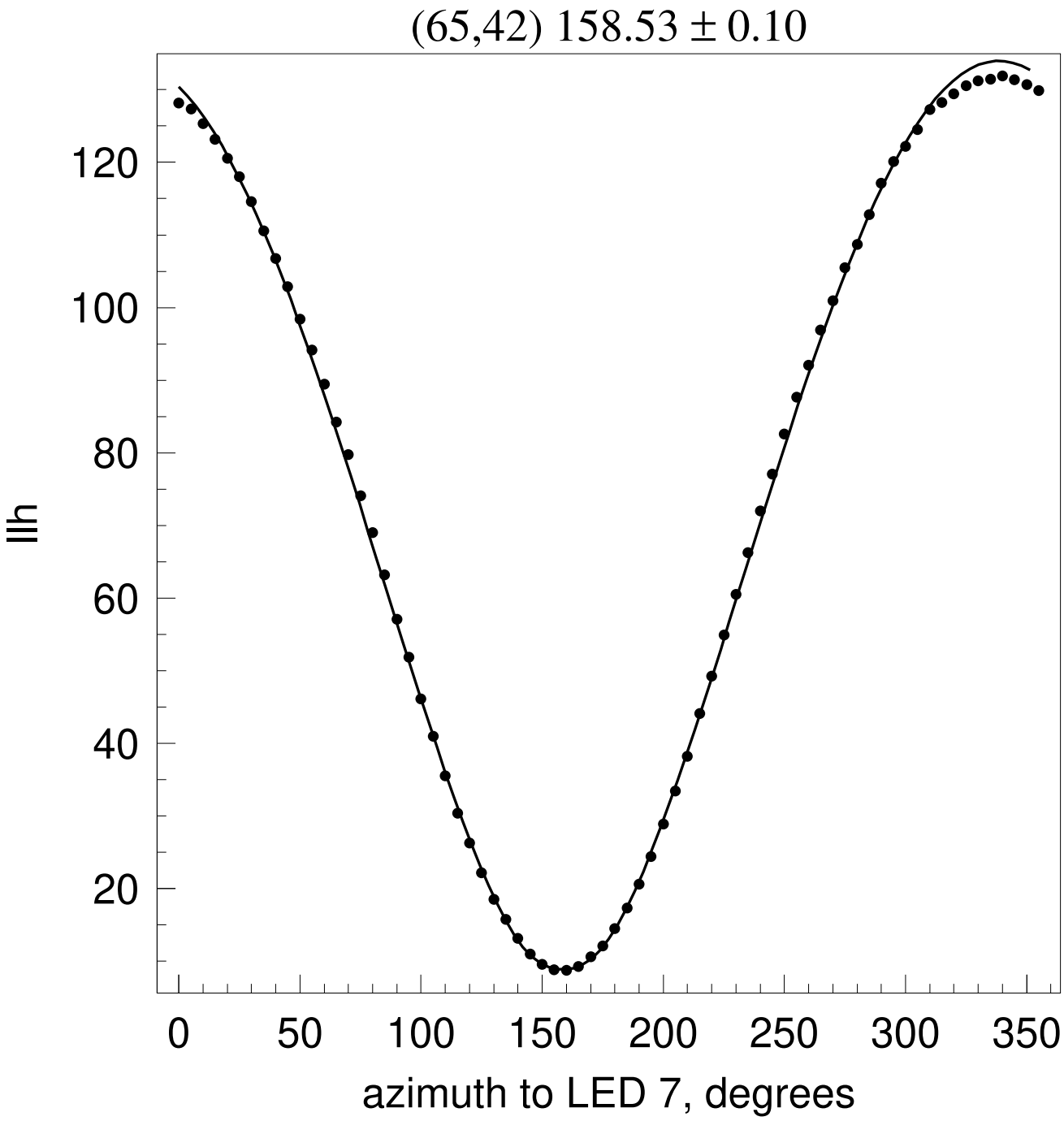

(65,37) 58.52 ± 17.99
15
14.75
14.5
14.25
14
13.75
13.5
13.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

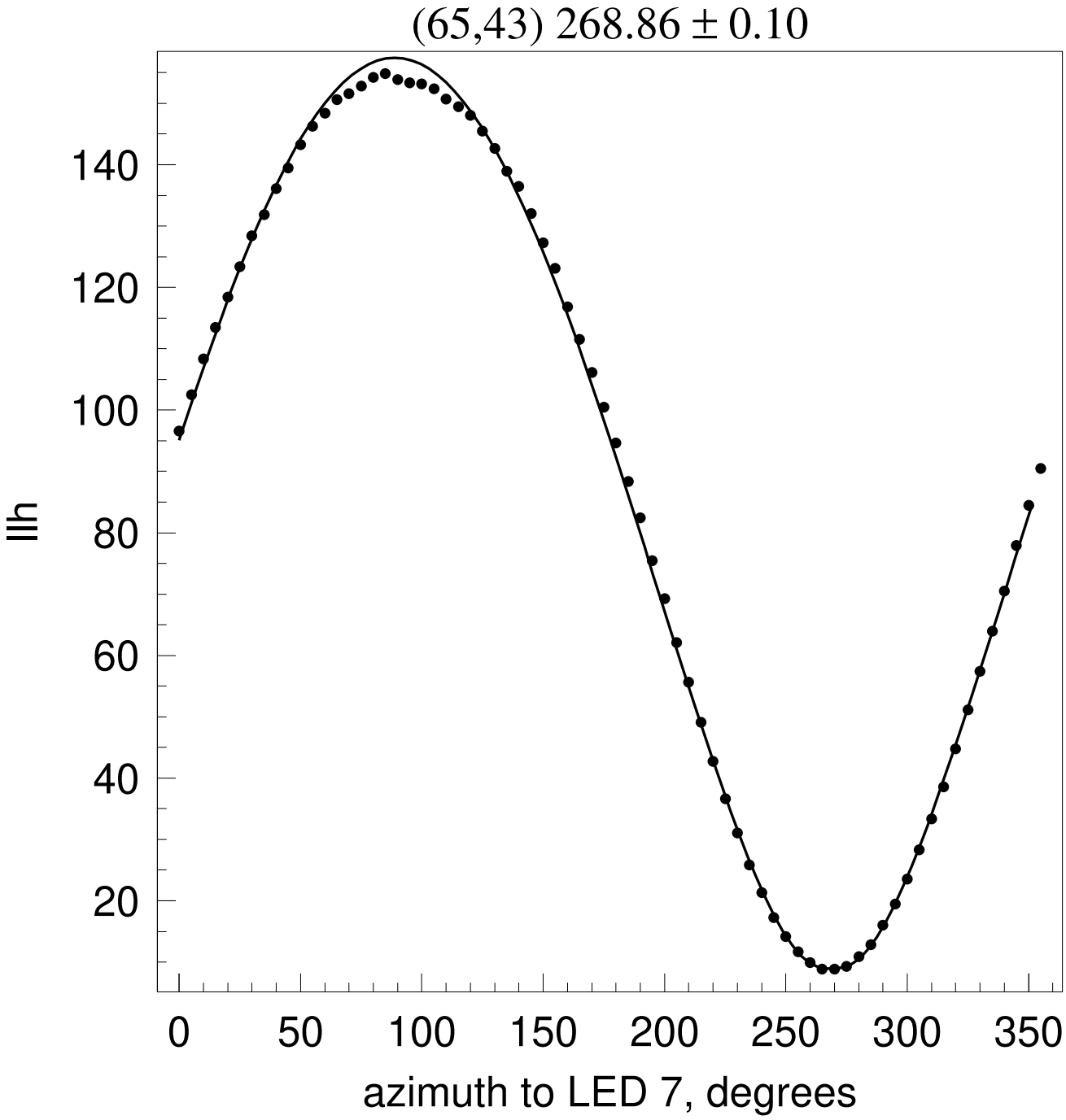

(65,38) 128.81 ± 0.75
12
11.5
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

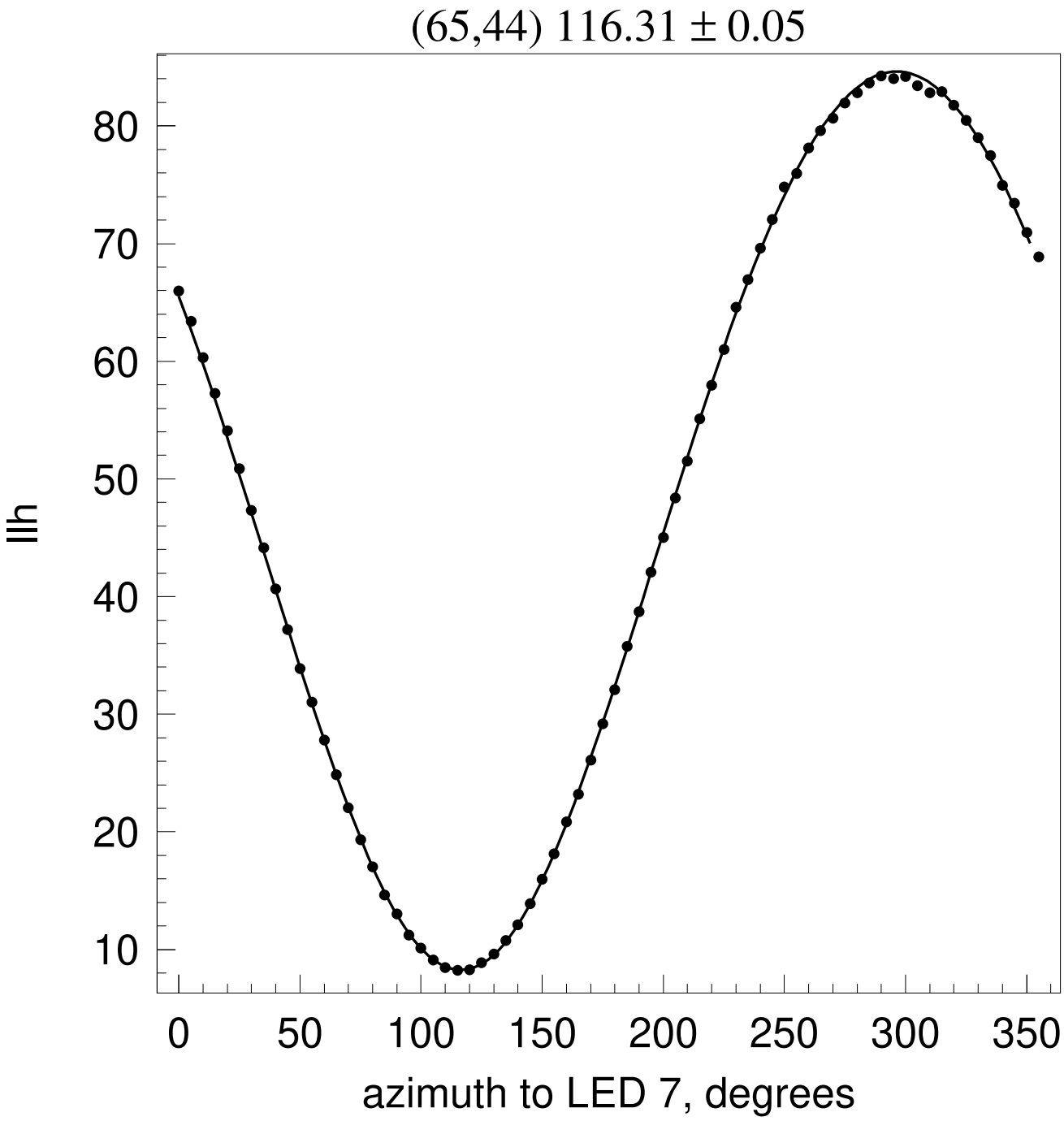

(65,39) 45.76 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

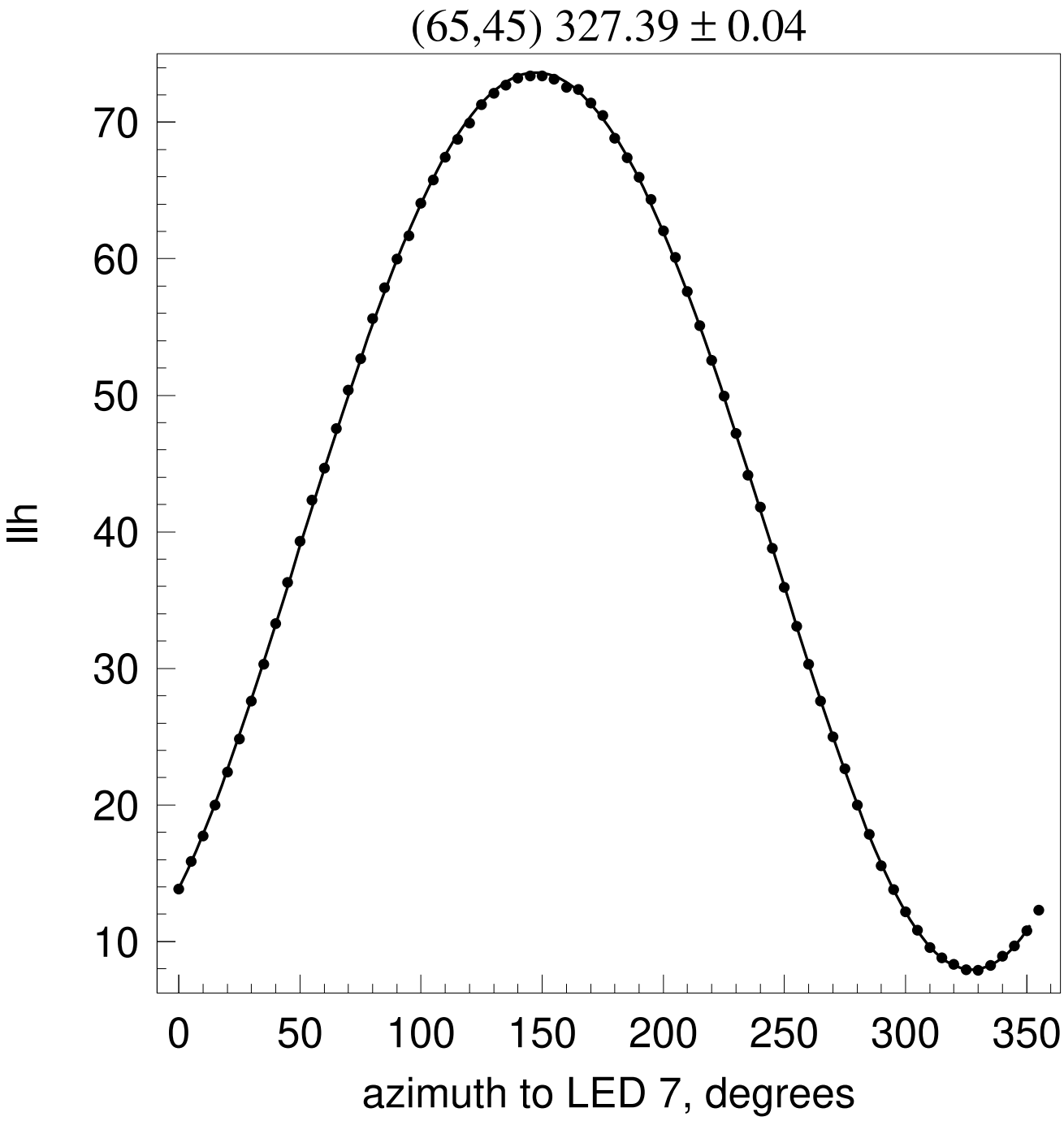

(65,40) 49.76 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

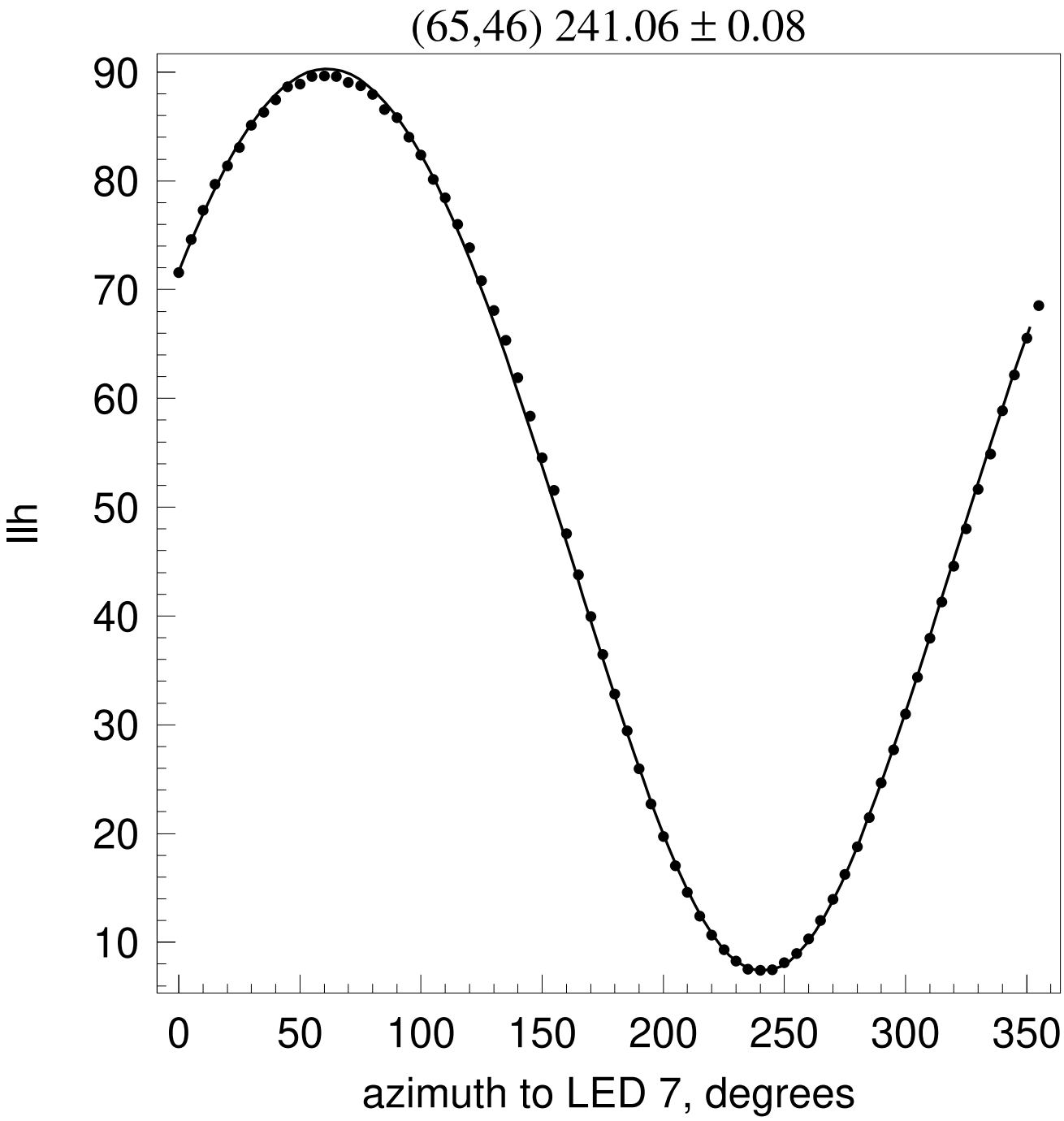

(65,41) 241.33 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

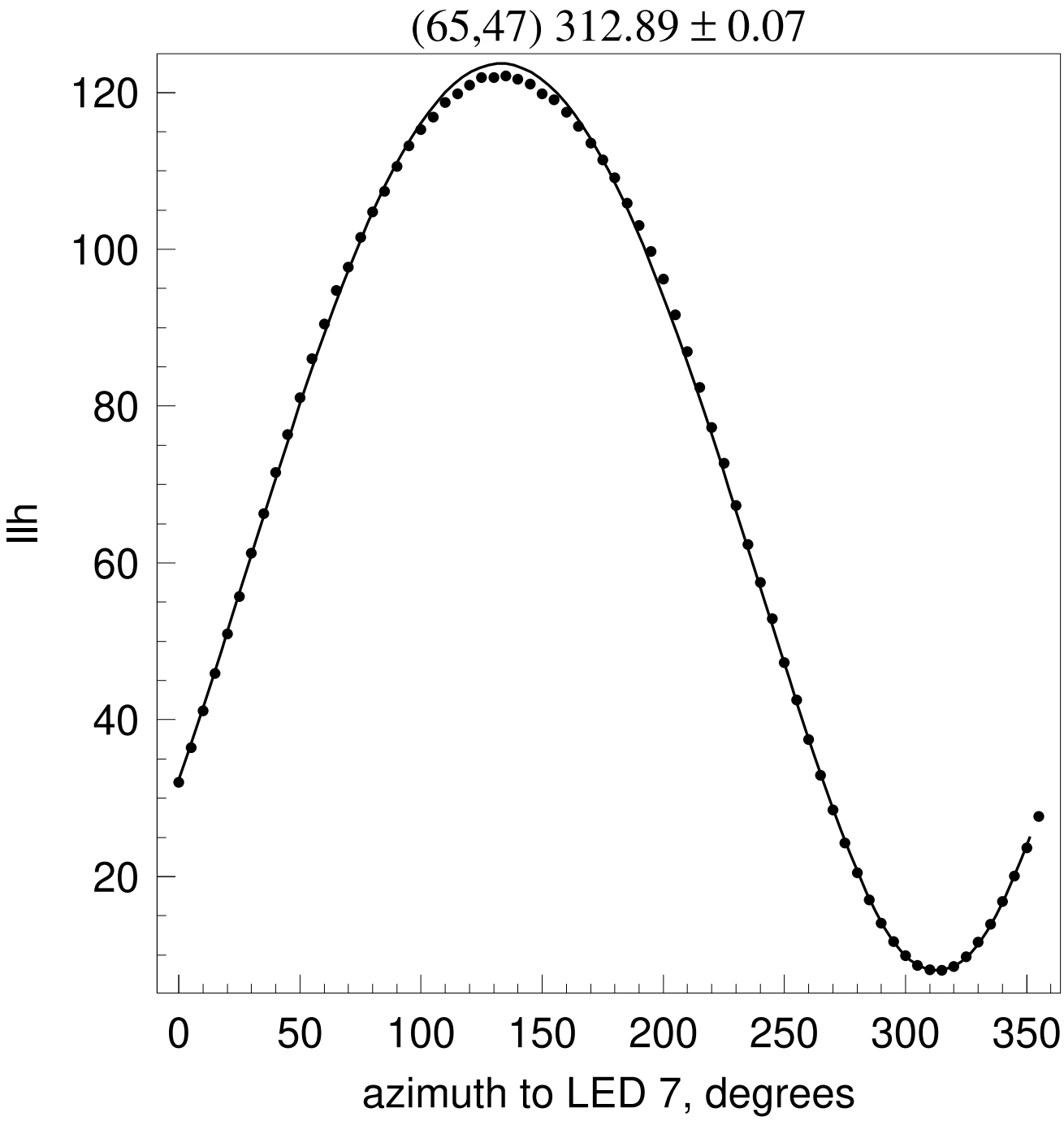

(65,42) 158.53 ± 0.10
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

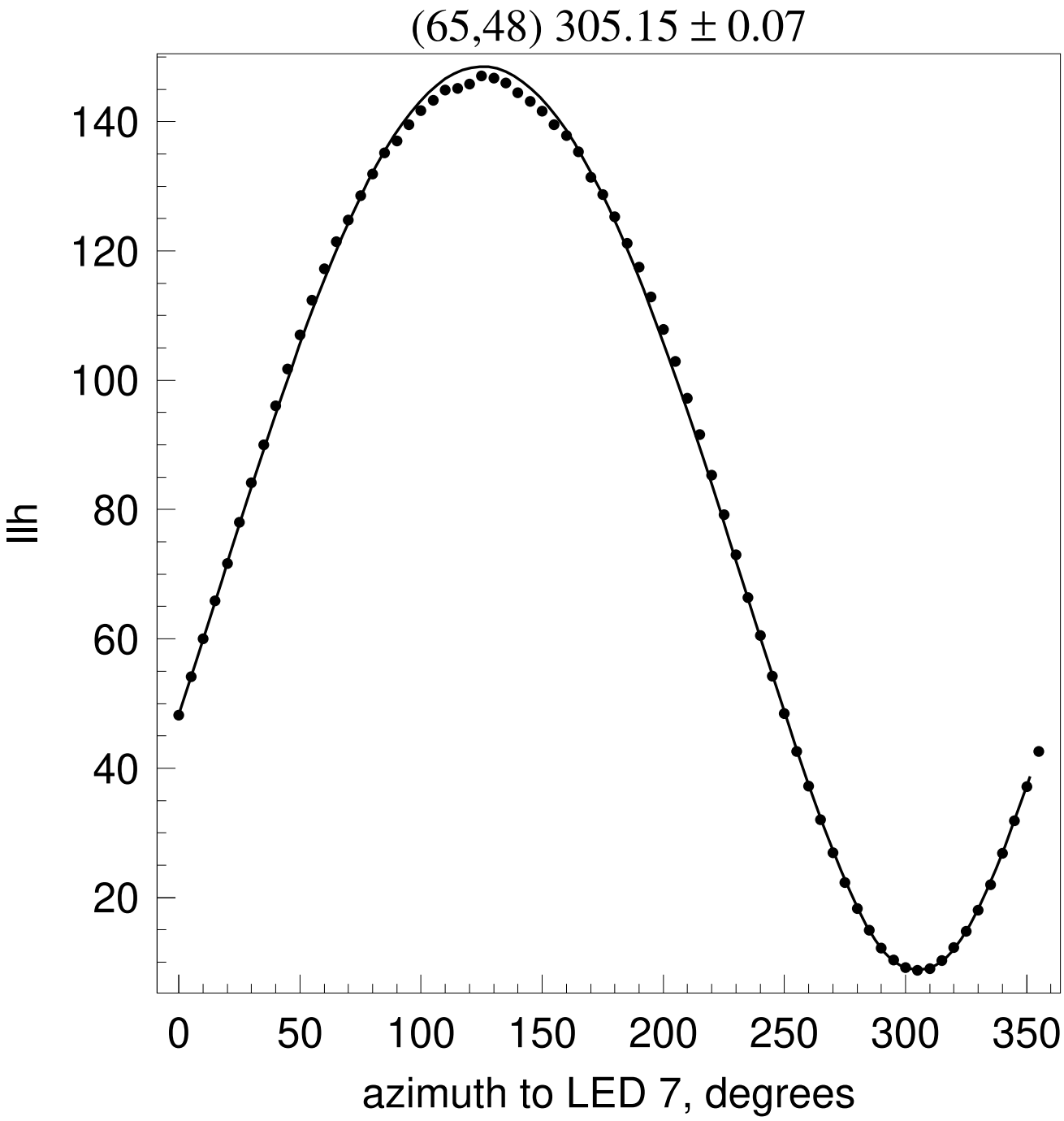

(65,43) 268.86 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

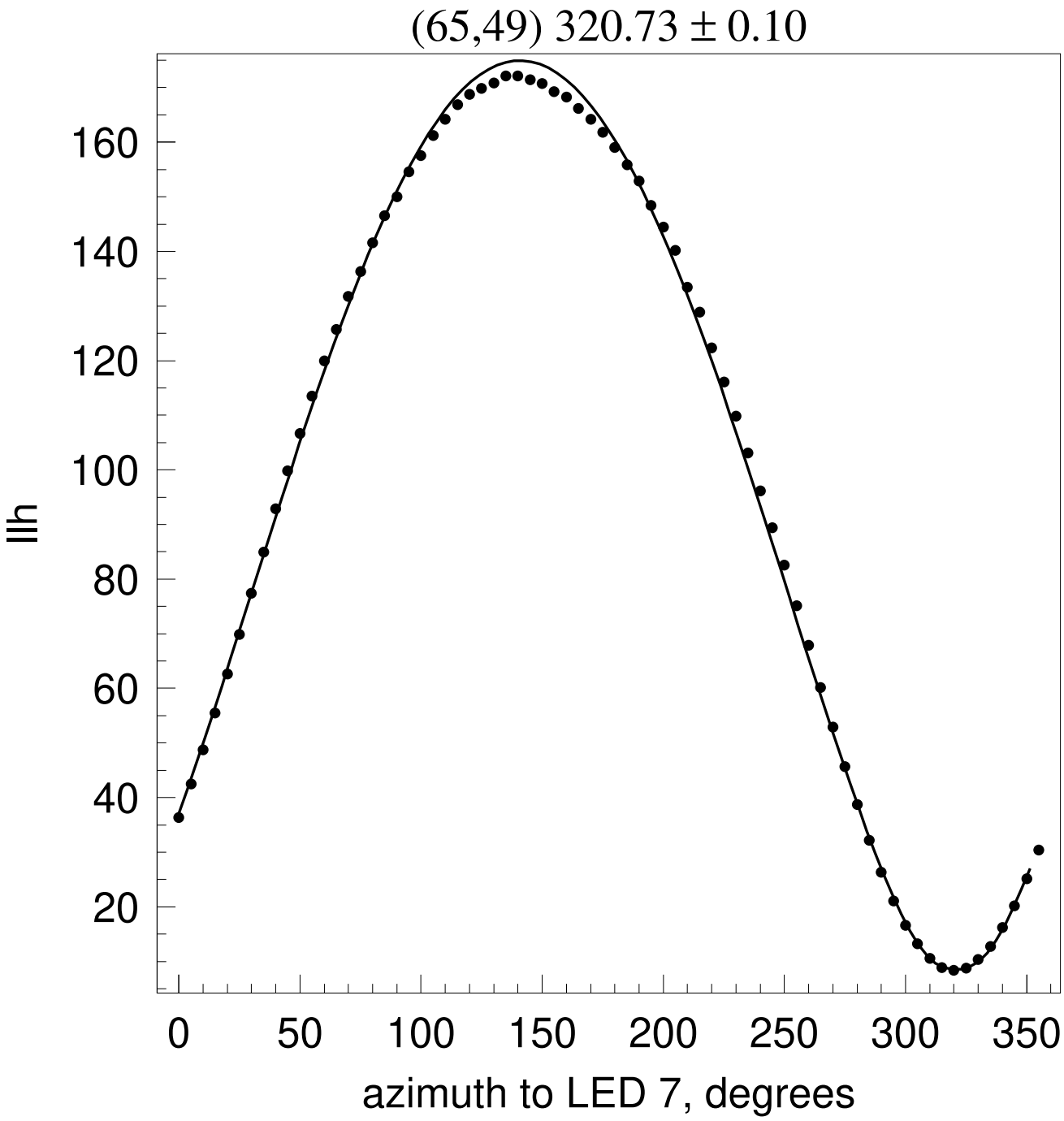

(65,44) 116.31 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

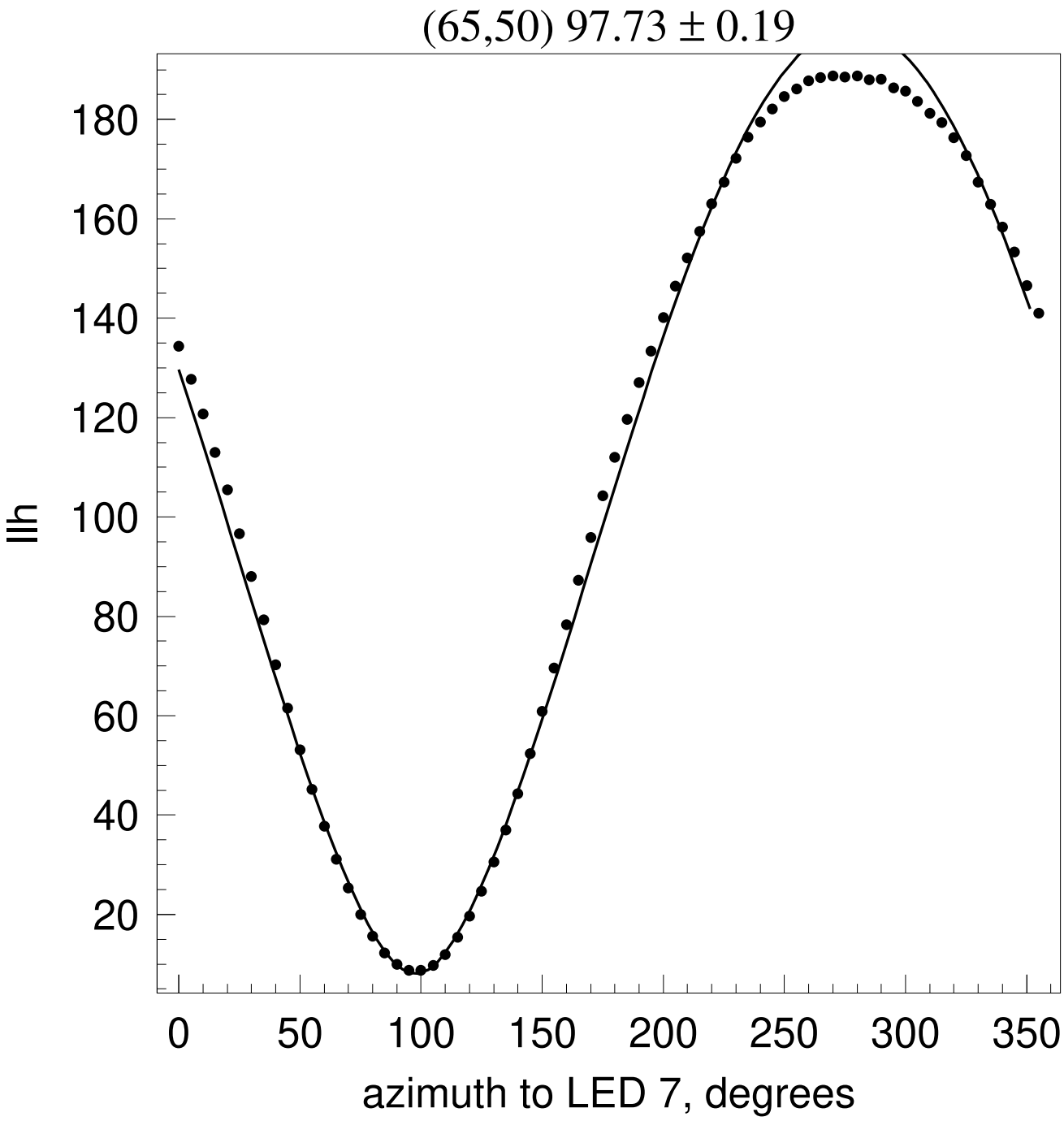

(65,45) 327.39 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

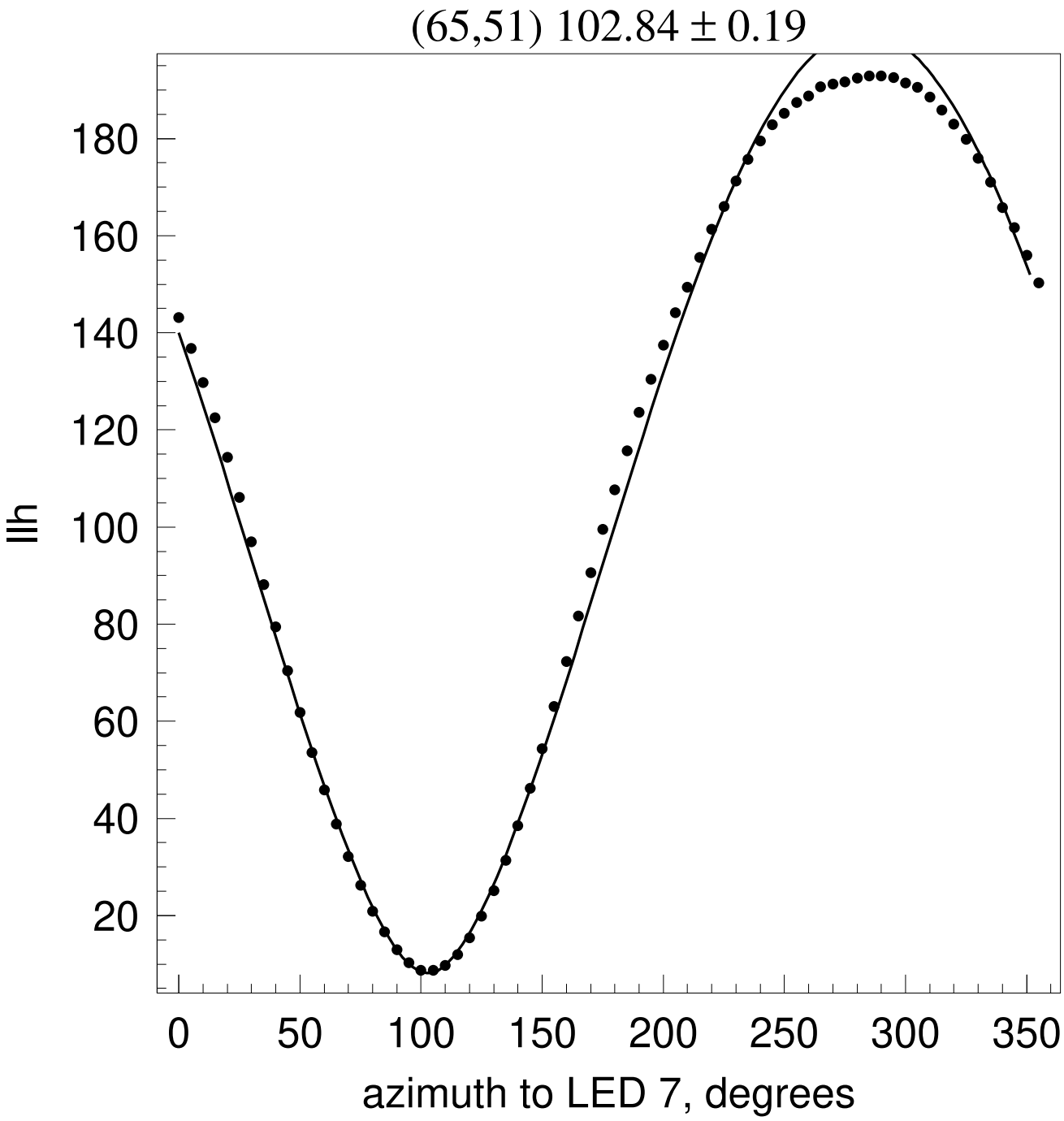

(65,46) 241.06 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

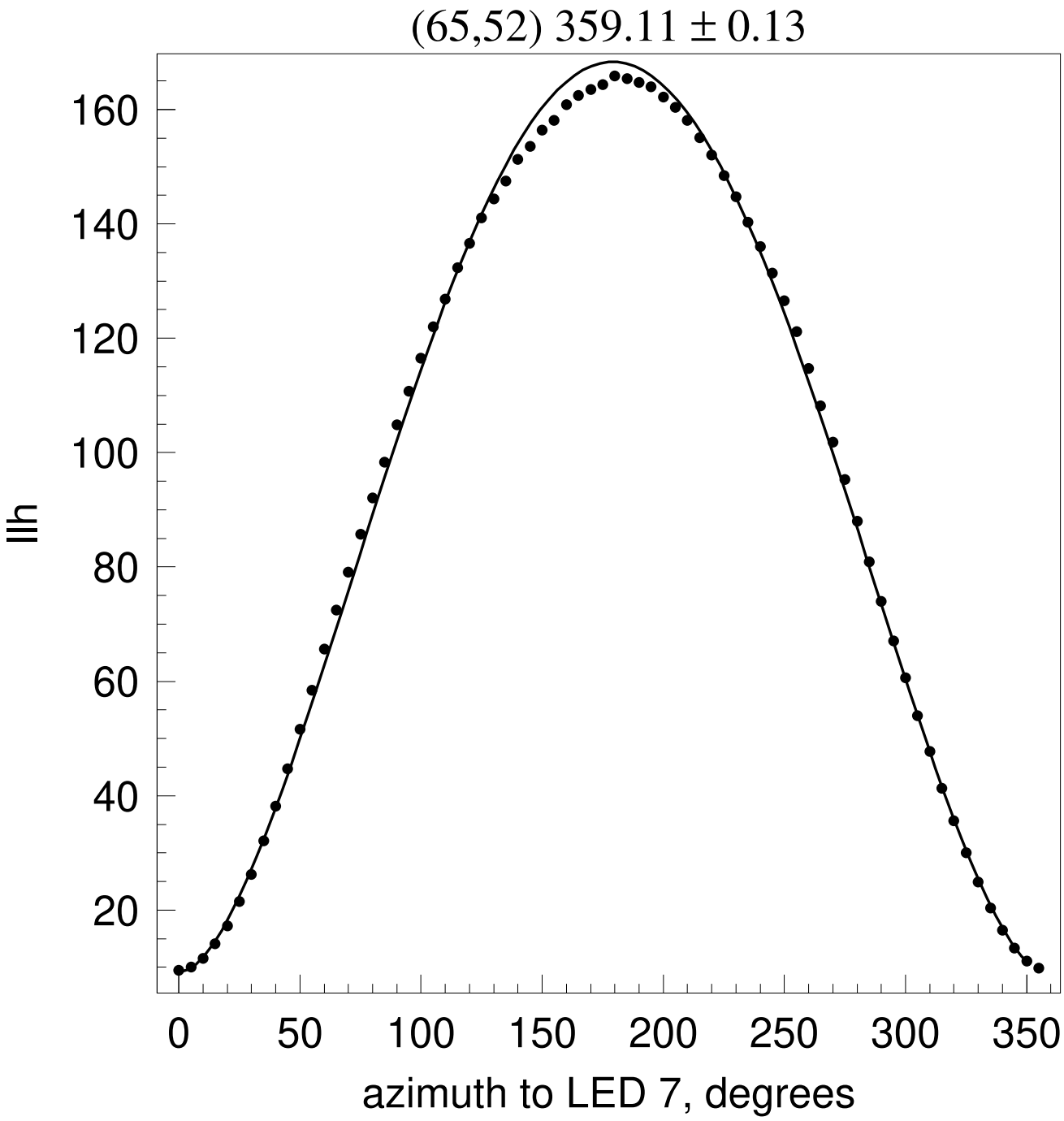

(65,47) 312.89 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

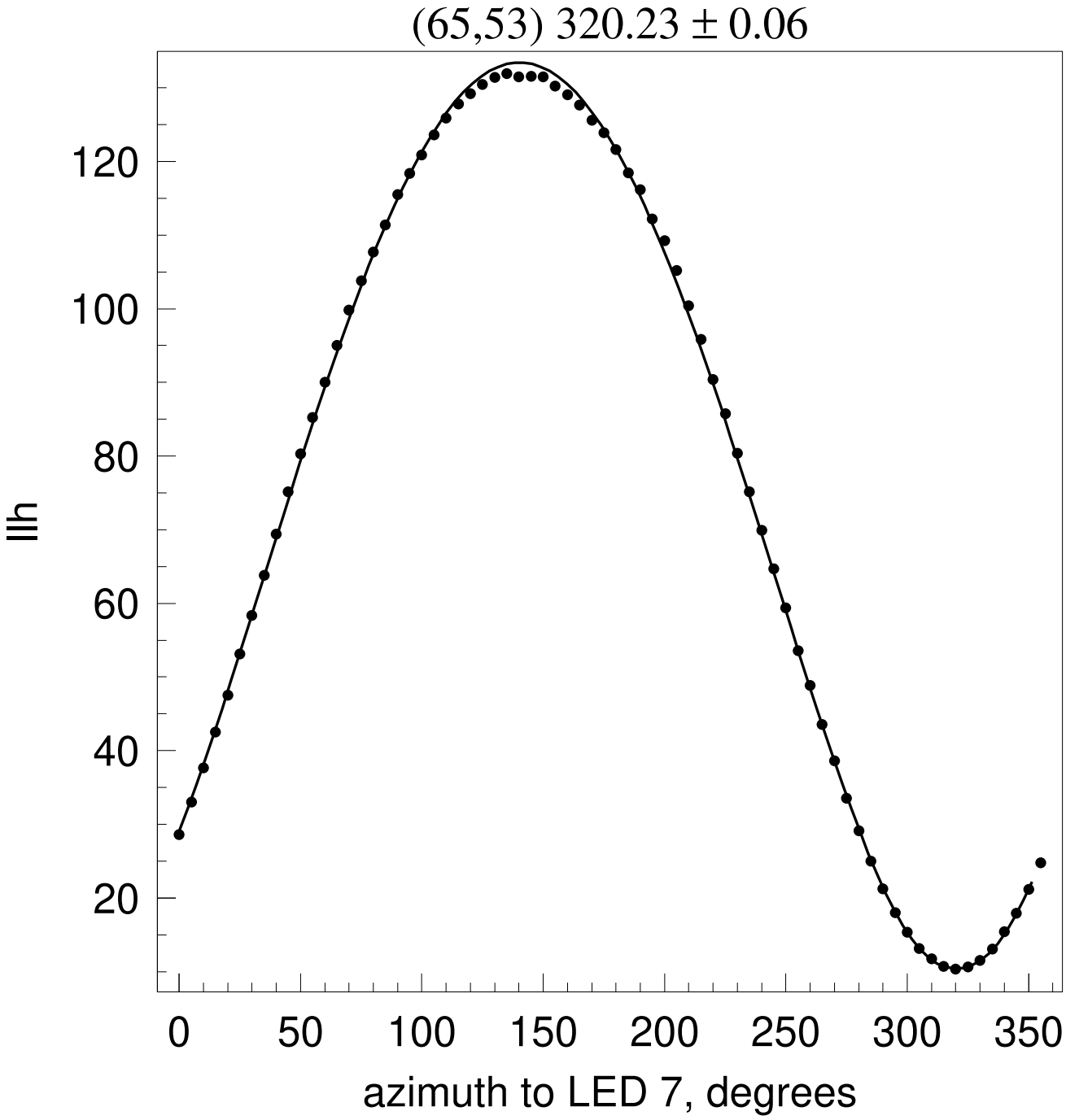

(65,48) 305.15 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

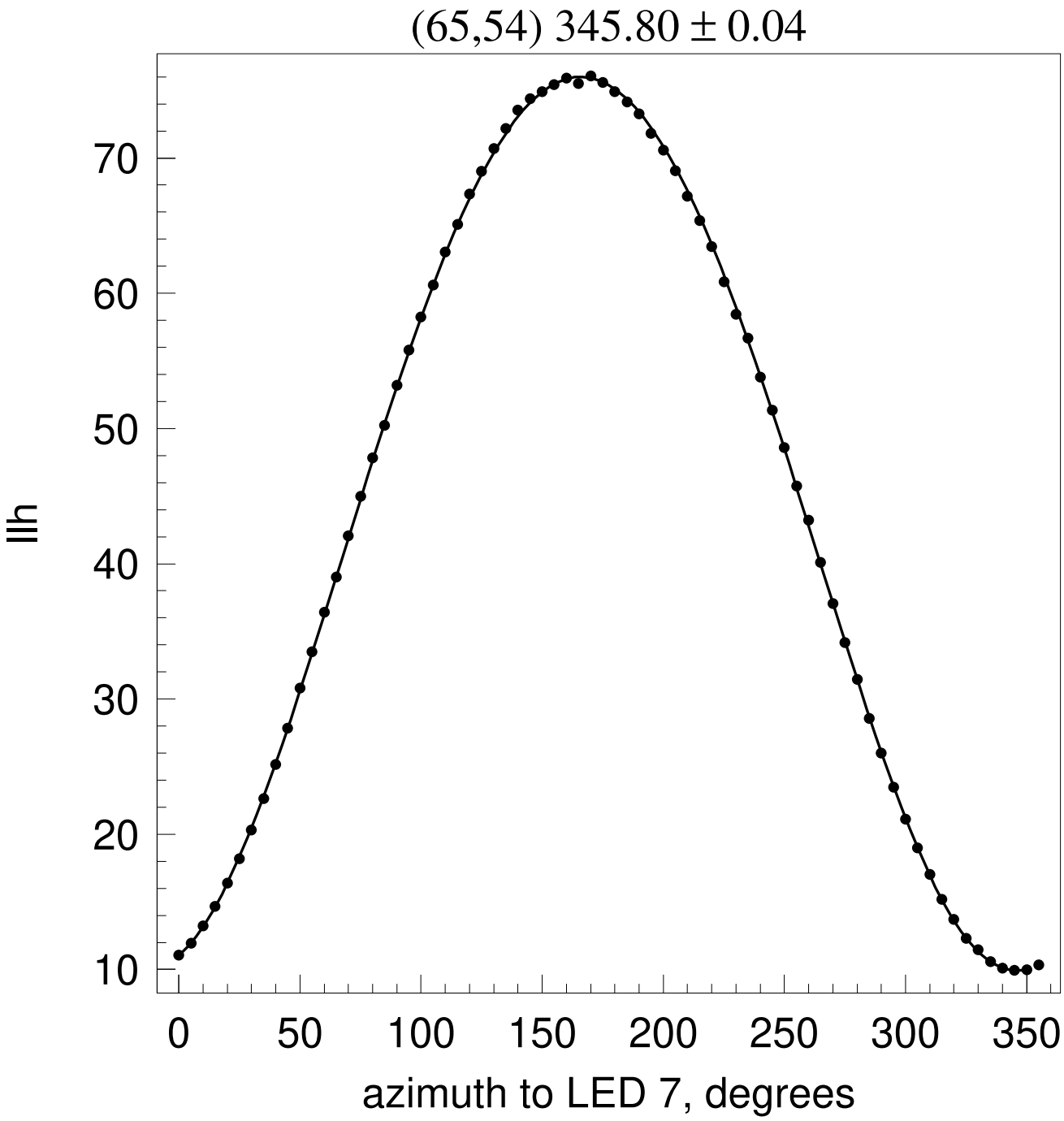

(65,49) 320.73 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

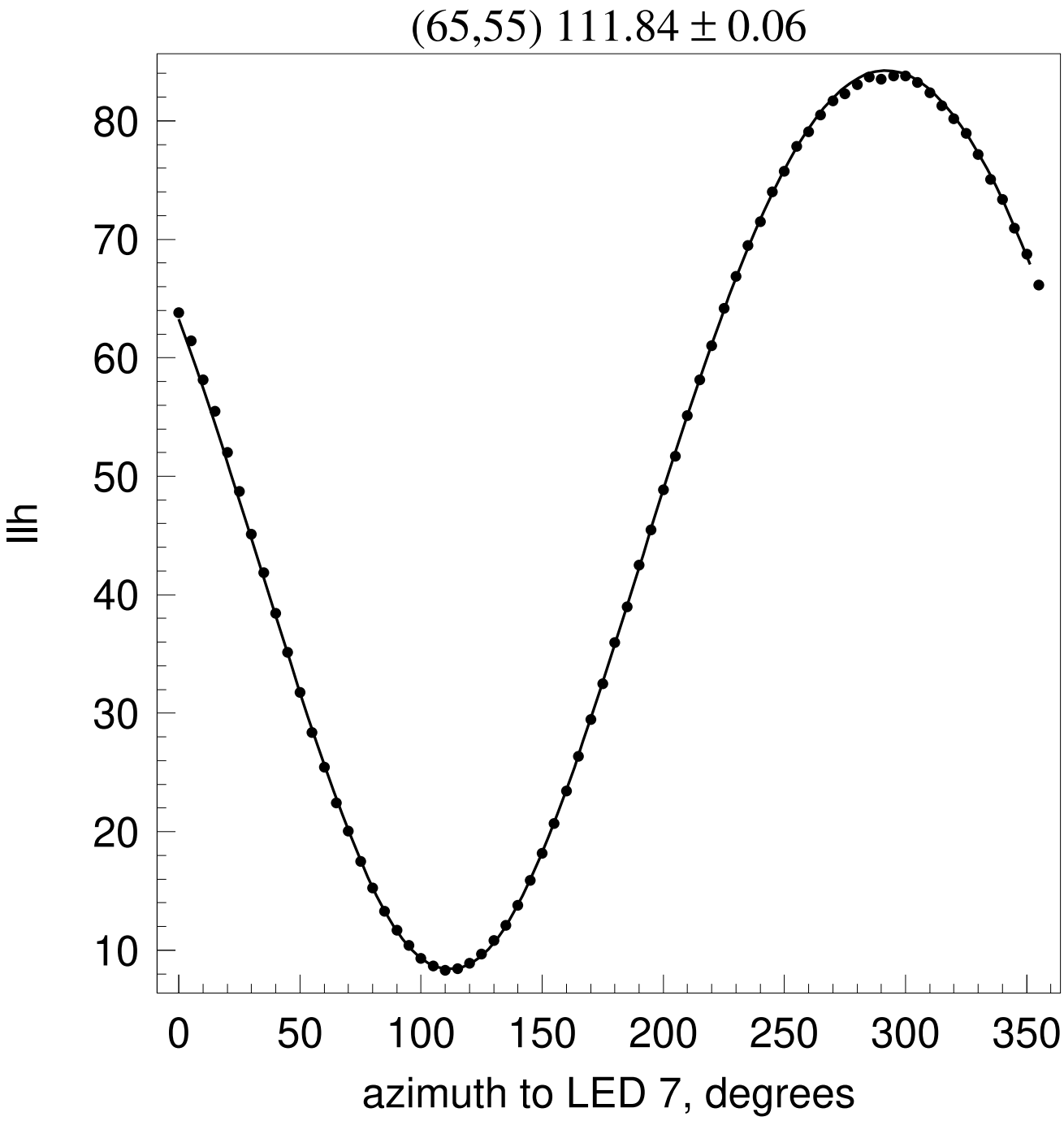

(65,50) 97.73 ± 0.19
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

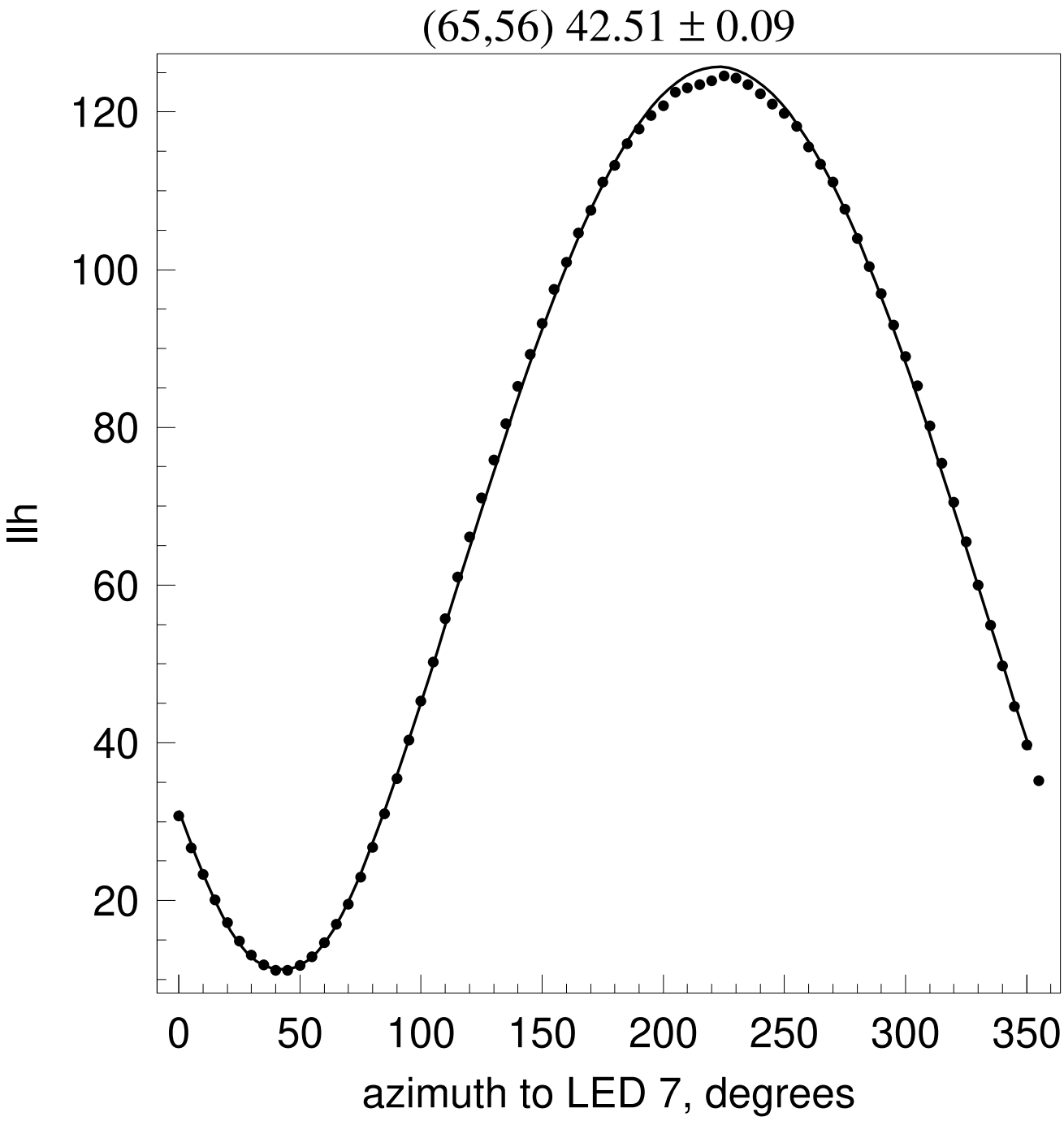

(65,51) 102.84 ± 0.19
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

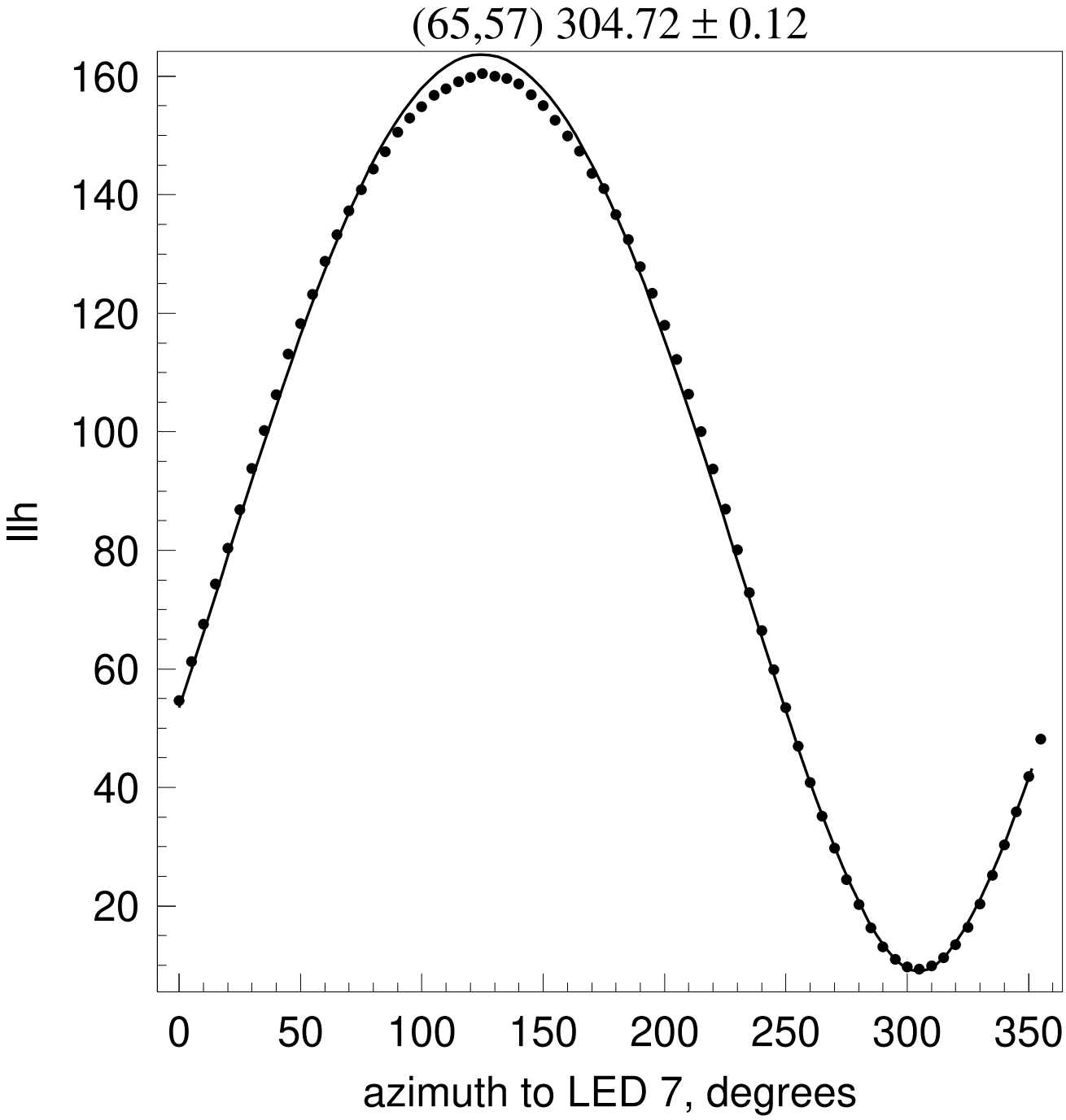

(65,52) 359.11 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

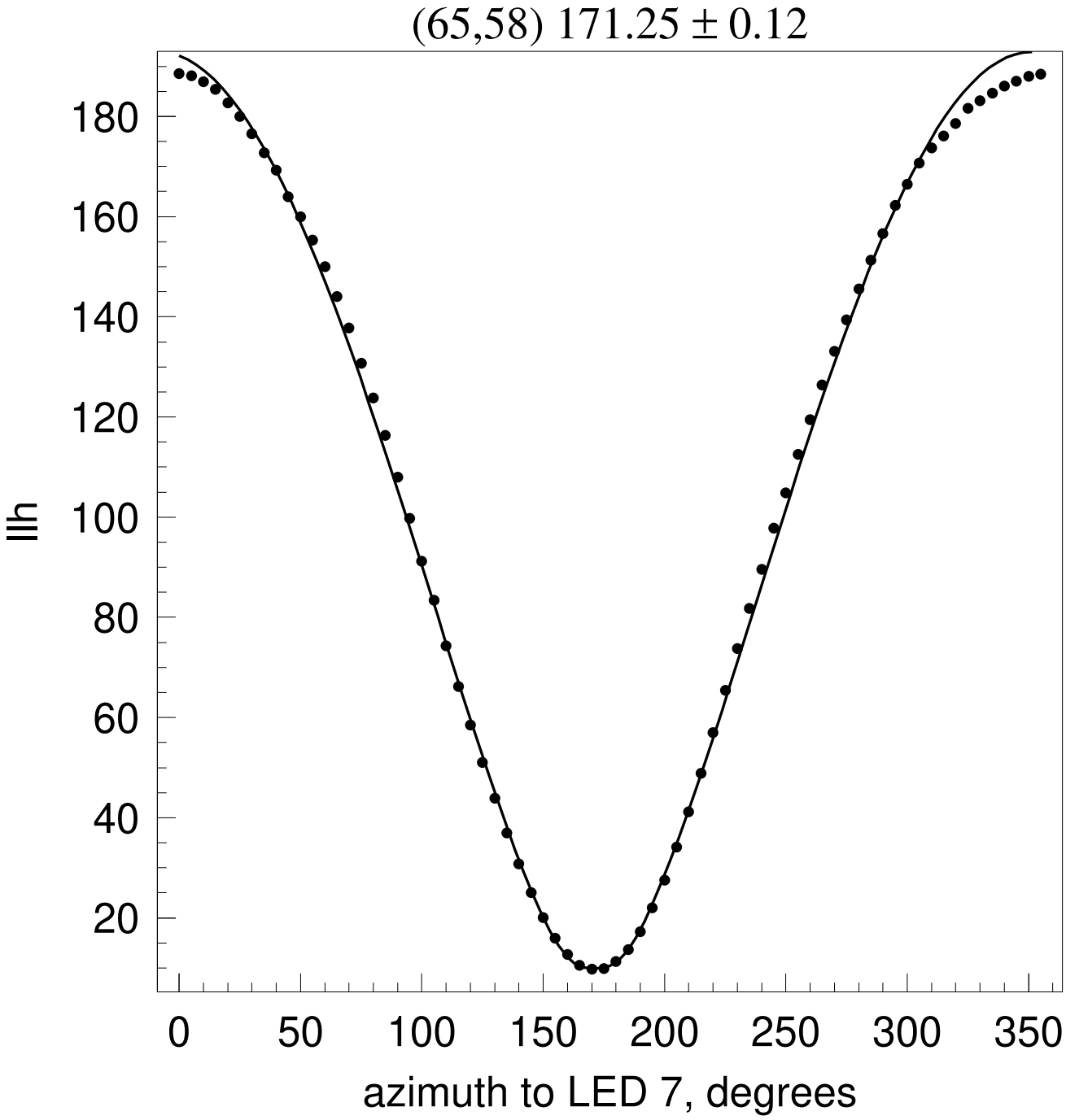

(65,53) 320.23 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

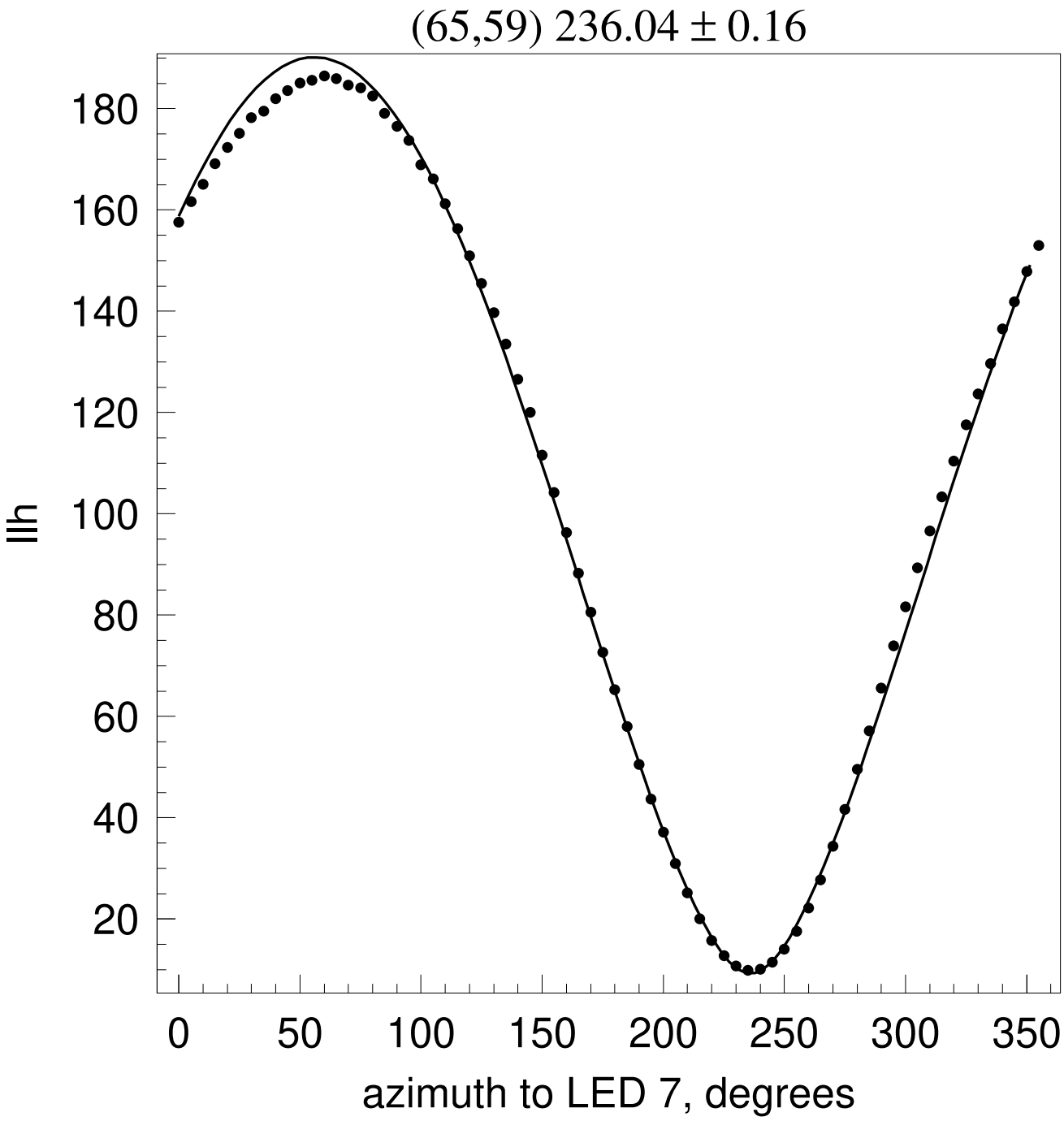

(65,54) 345.80 ± 0.04
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

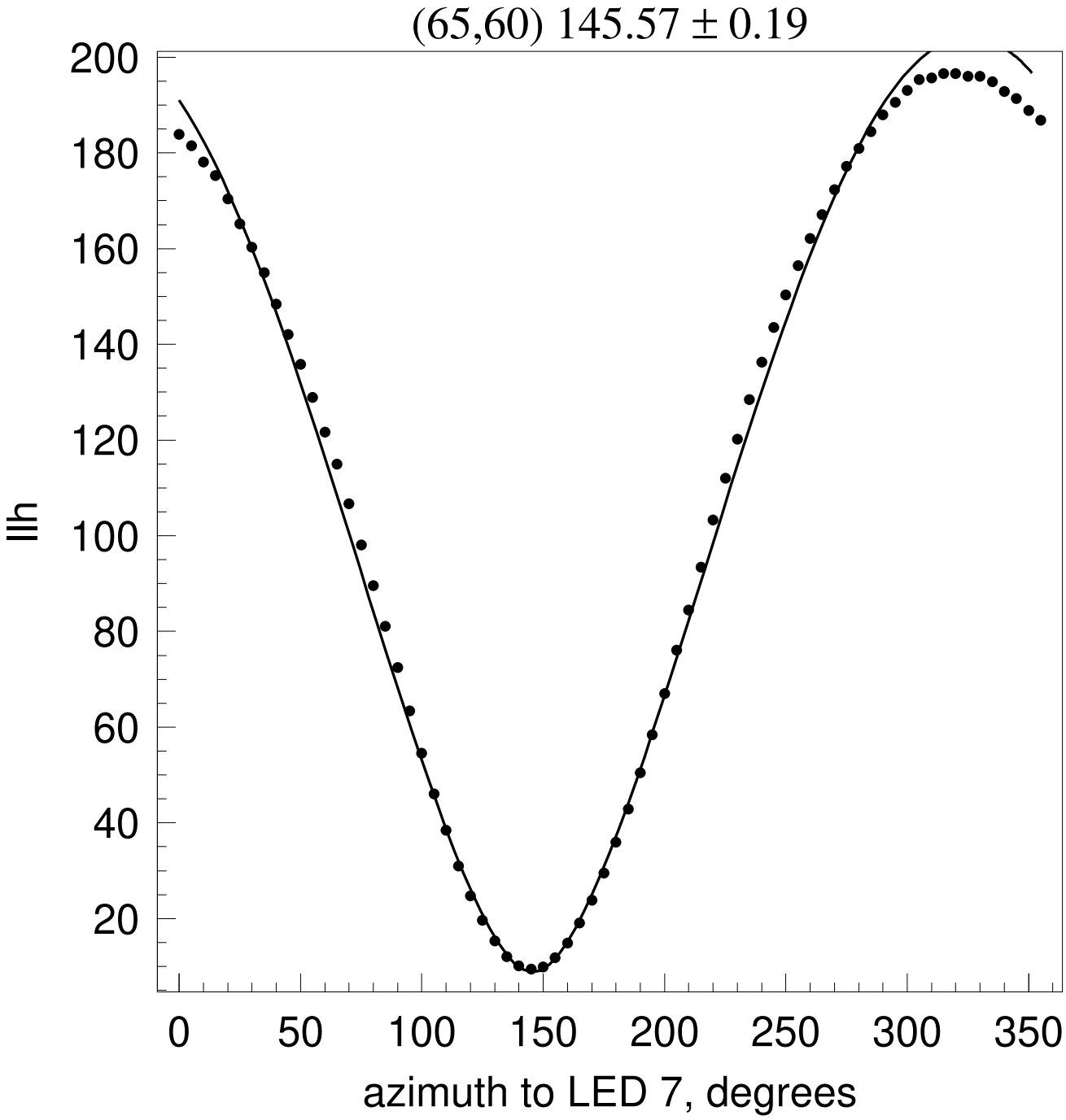

(65,55) 111.84 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

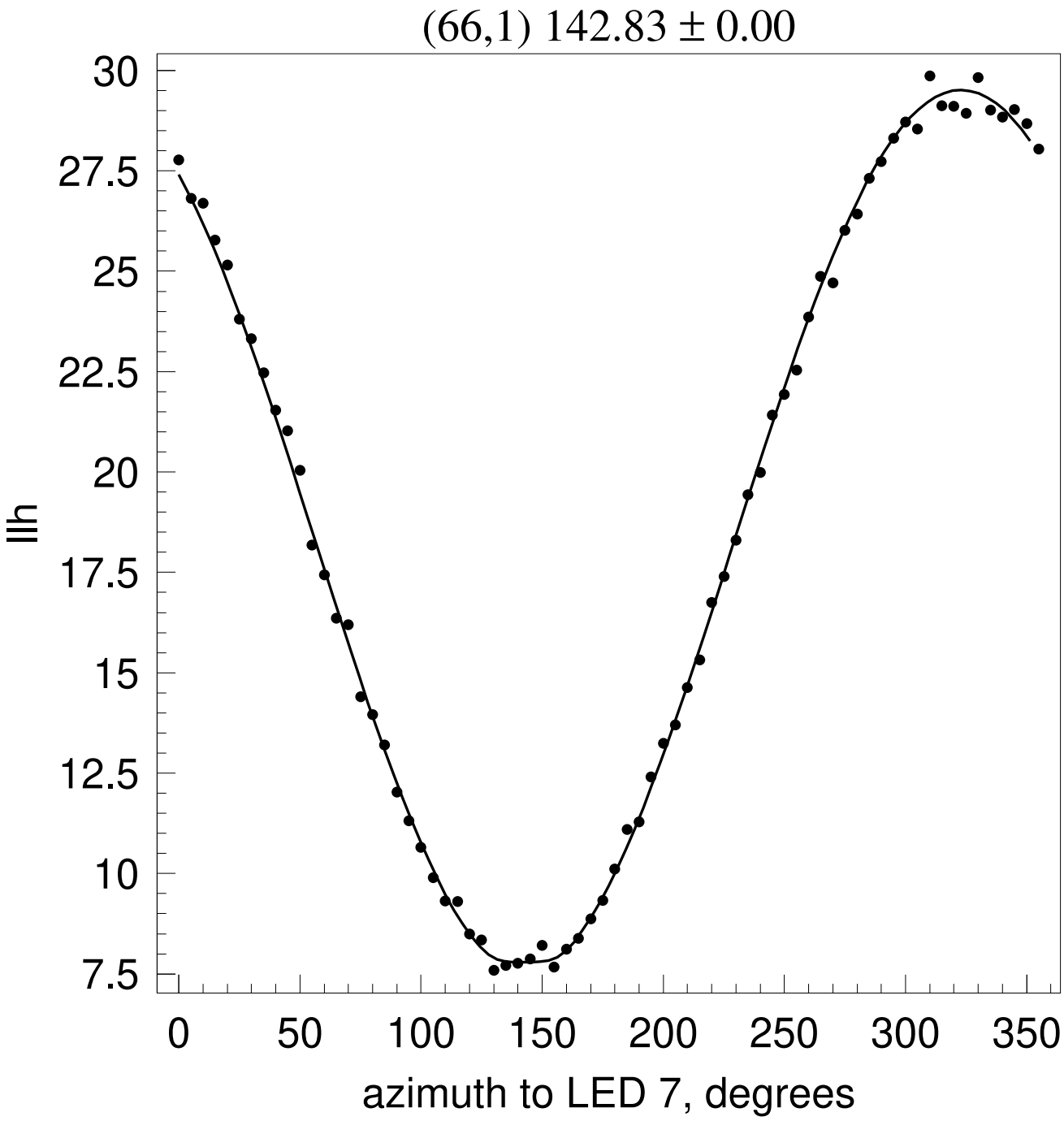

(65,56) 42.51 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

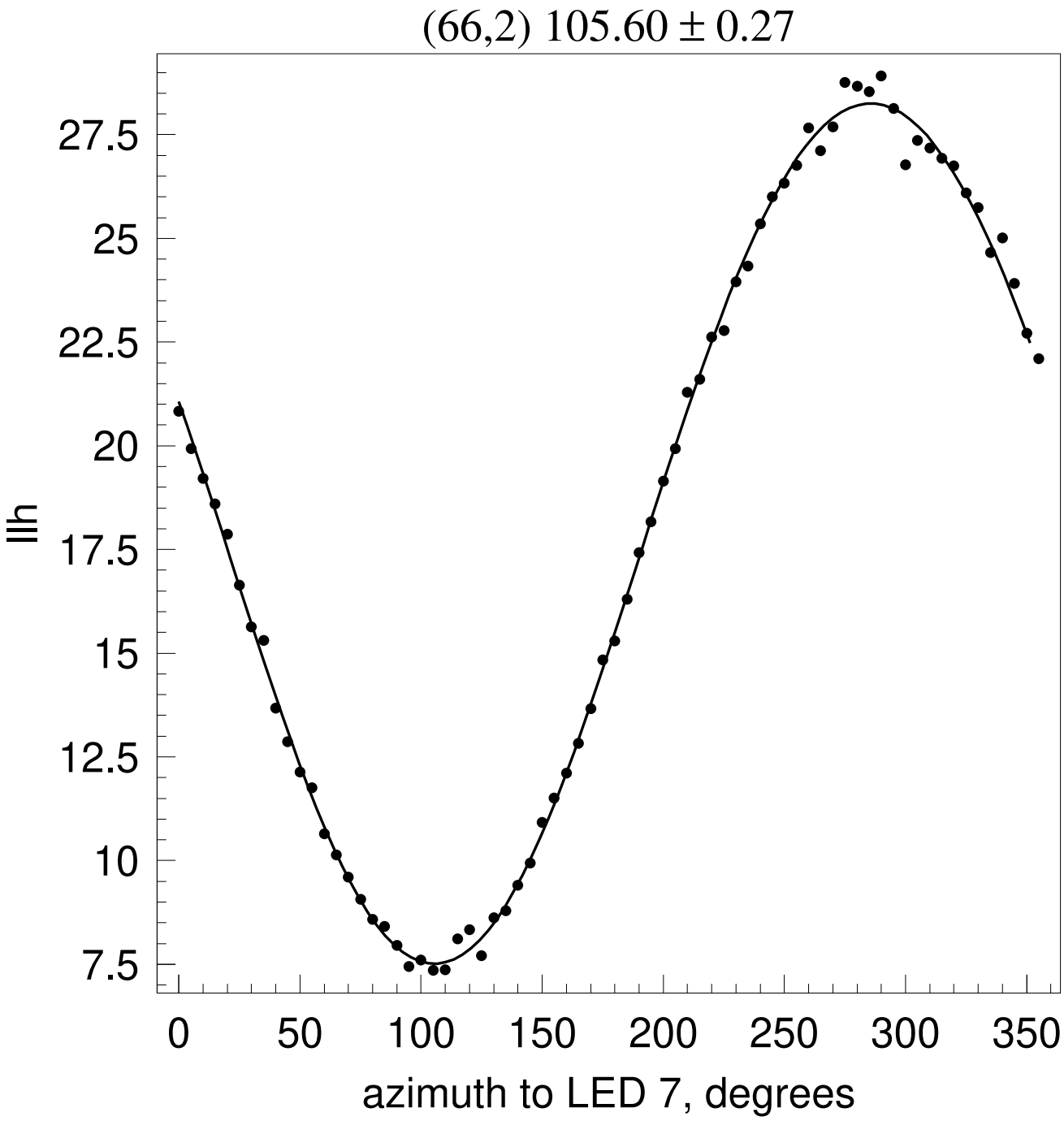

(65,57) 304.72 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

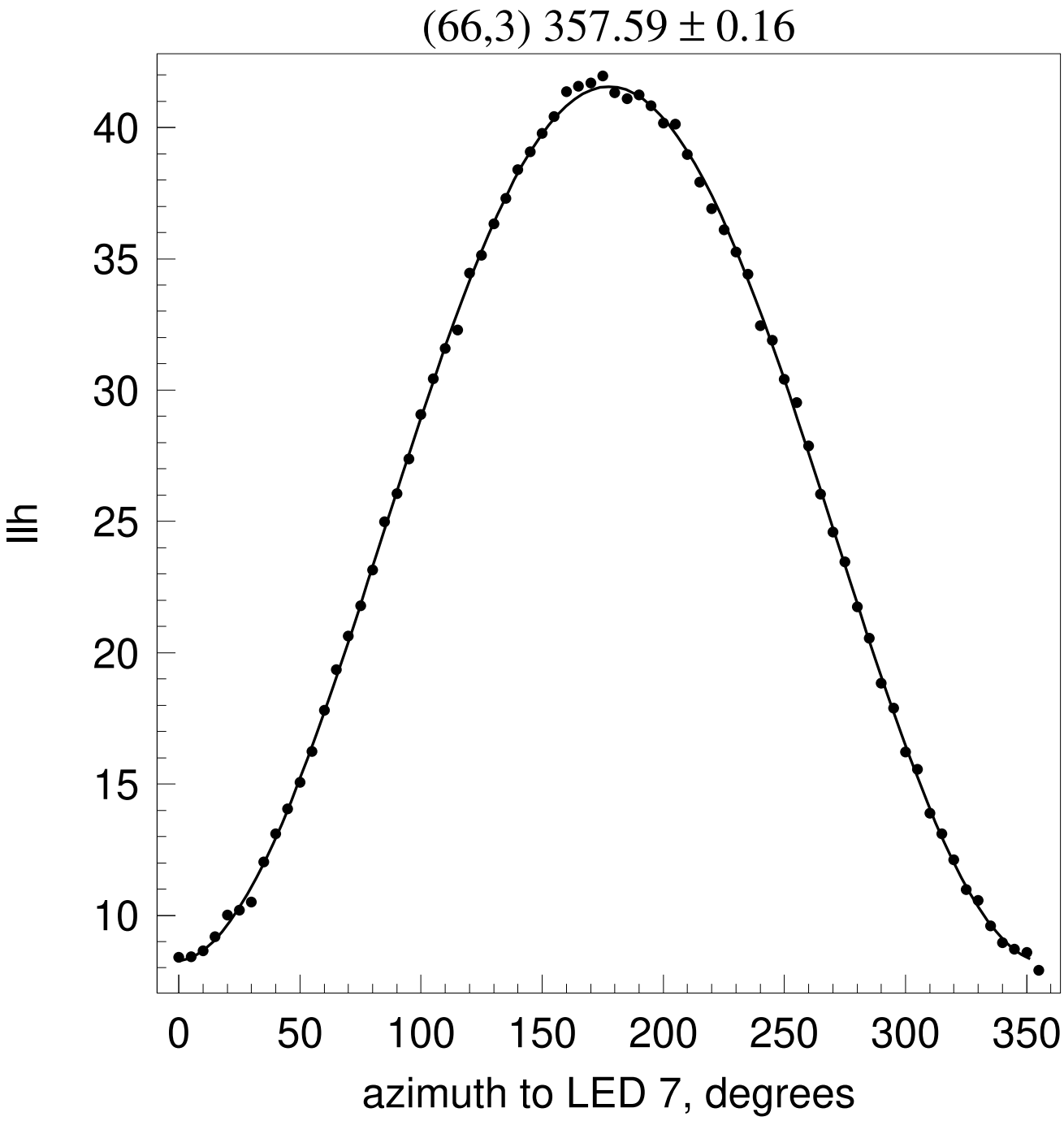

(65,58) 171.25 ± 0.12
180
160
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

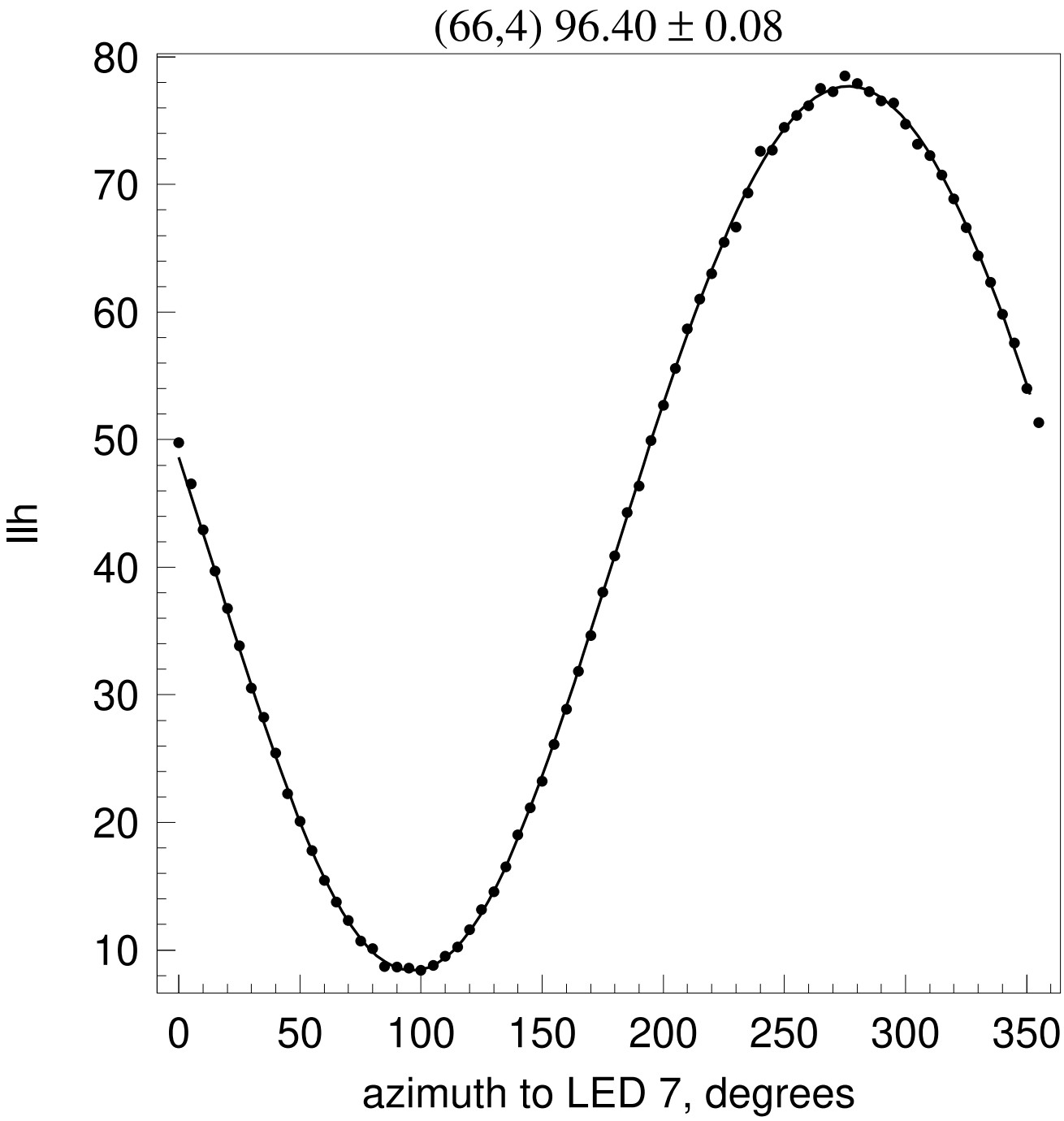

(65,59) 236.04 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

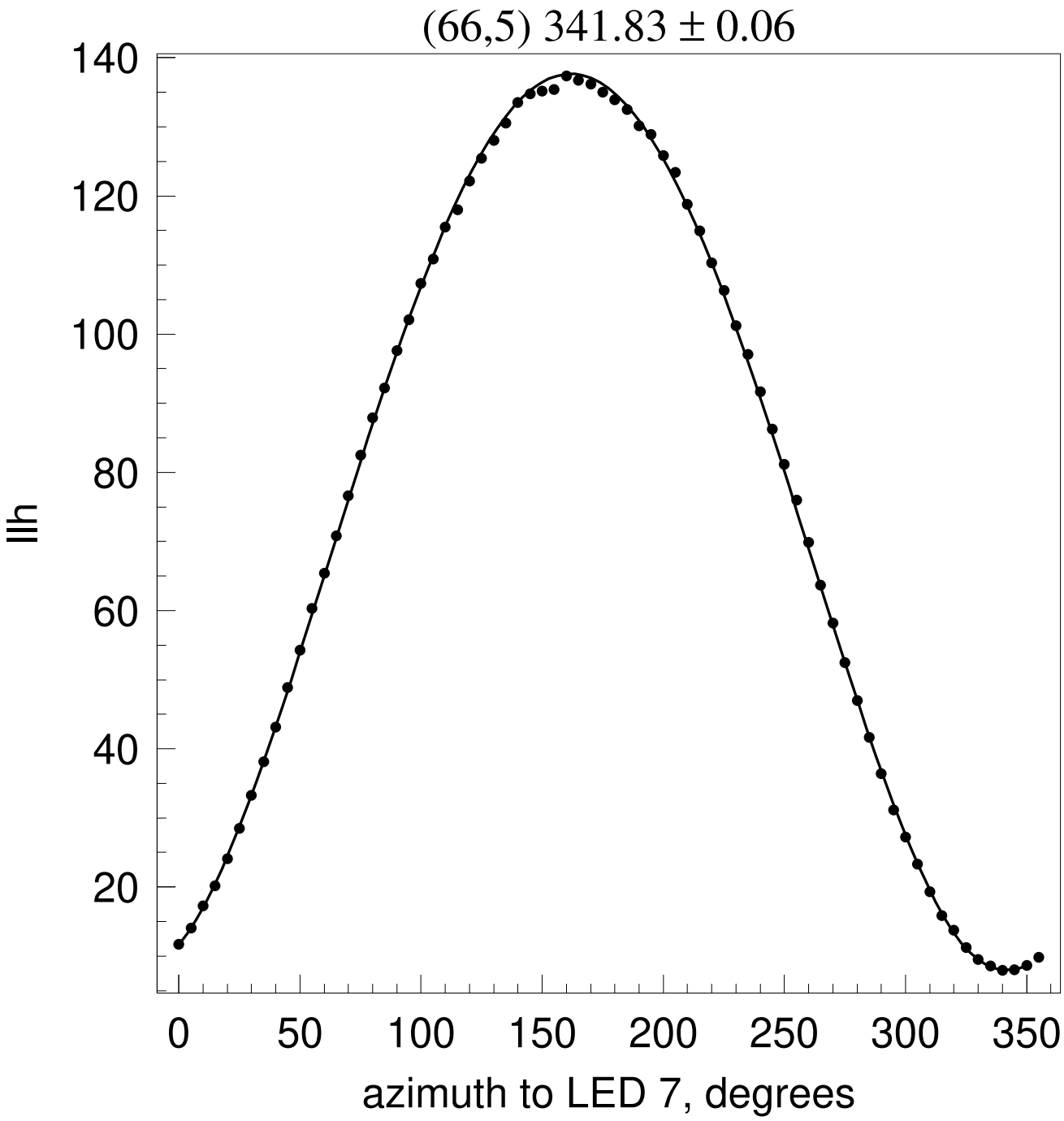

(65,60) 145.57 ± 0.19
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

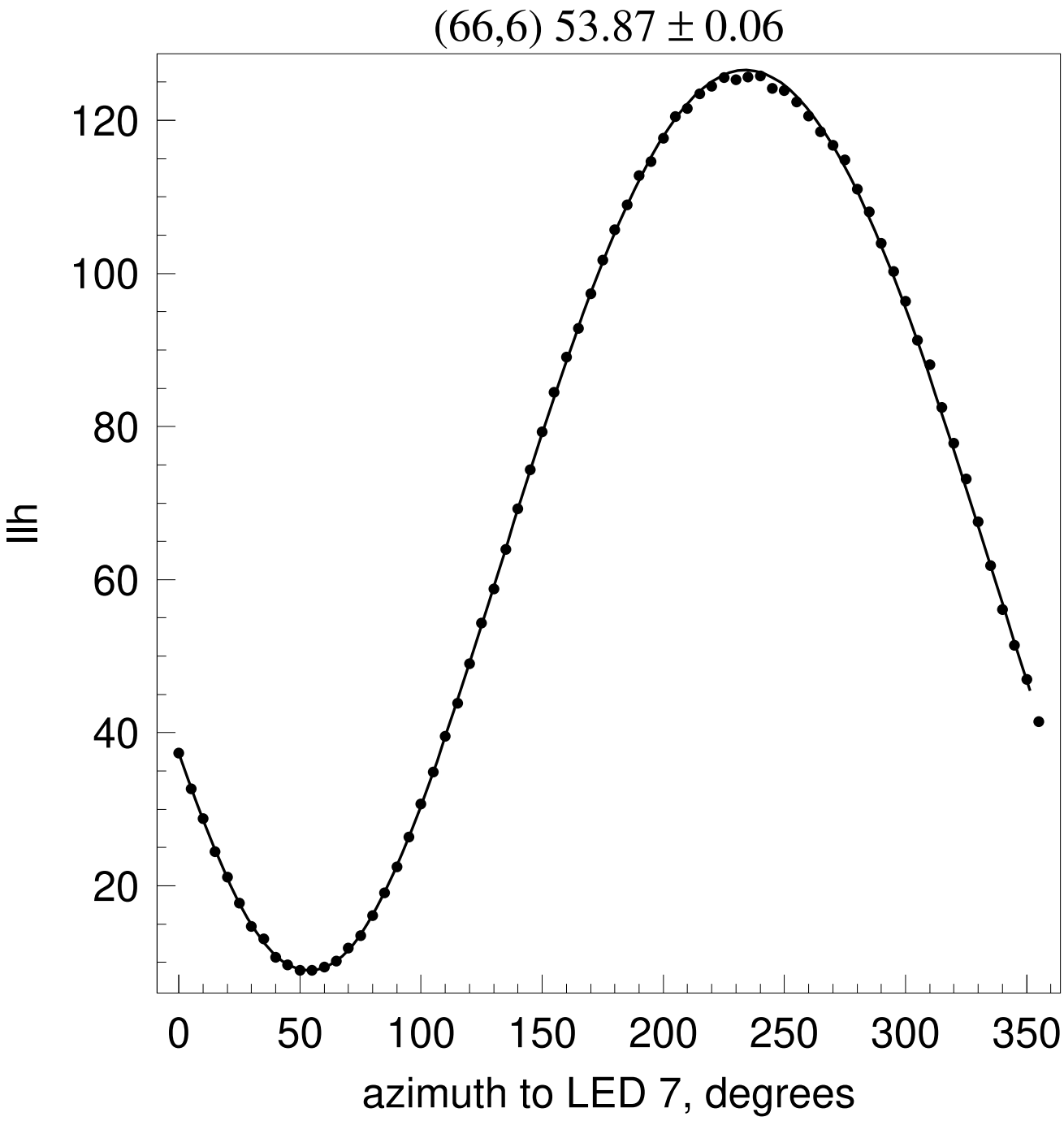

(66,1) 142.83 ± 0.00
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

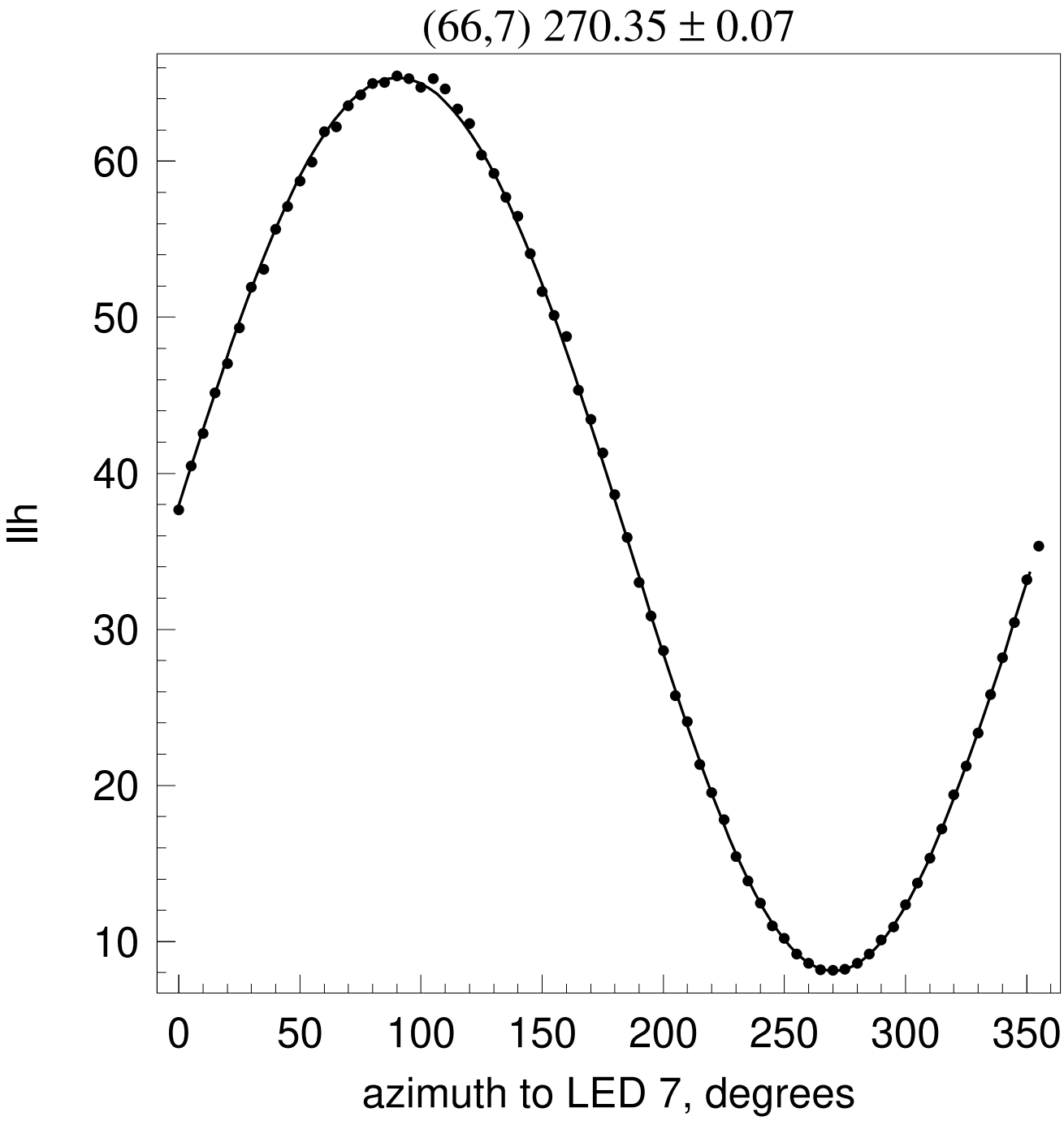

(66,2) 105.60 ± 0.27
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

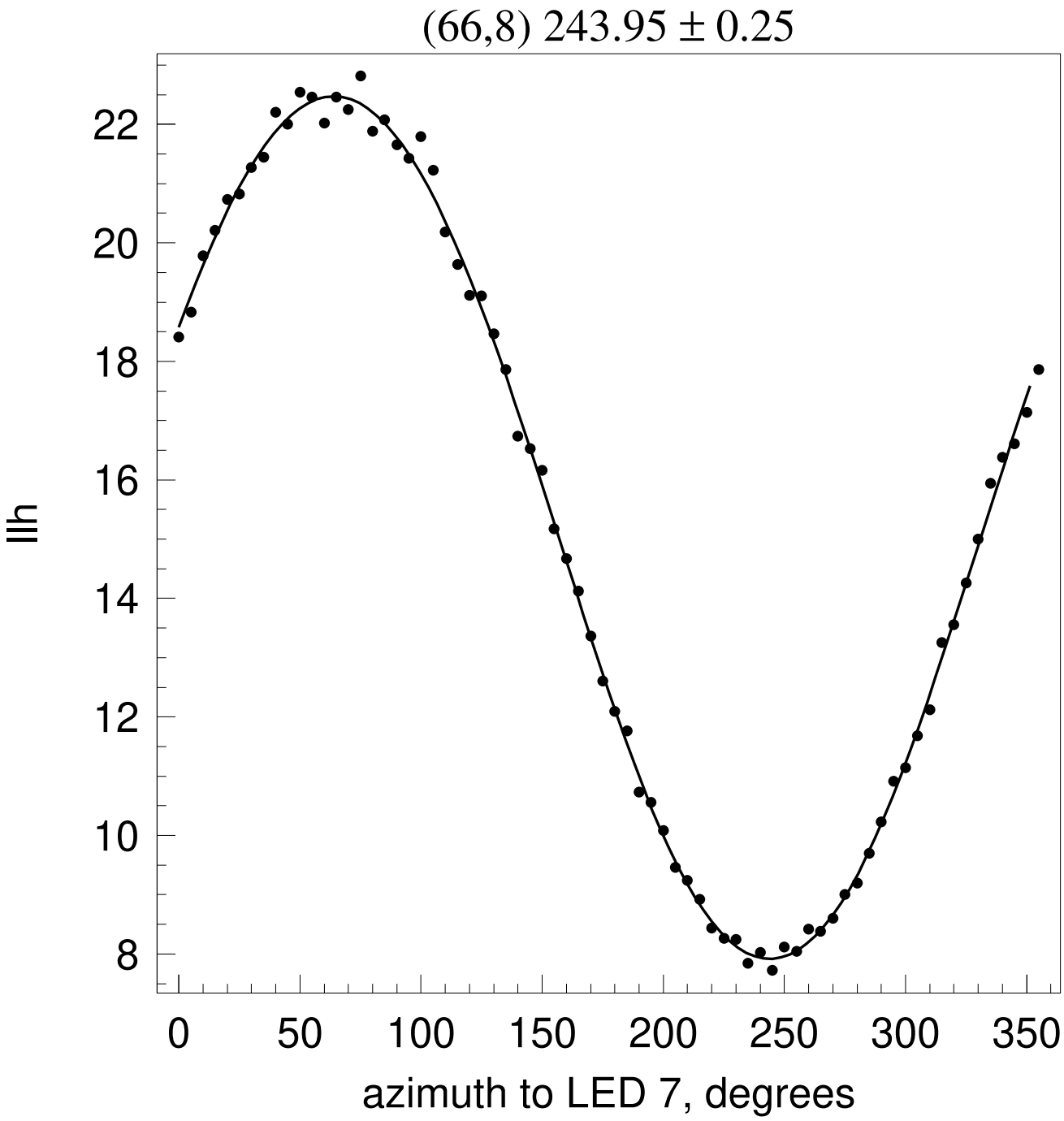

(66,3) 357.59 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

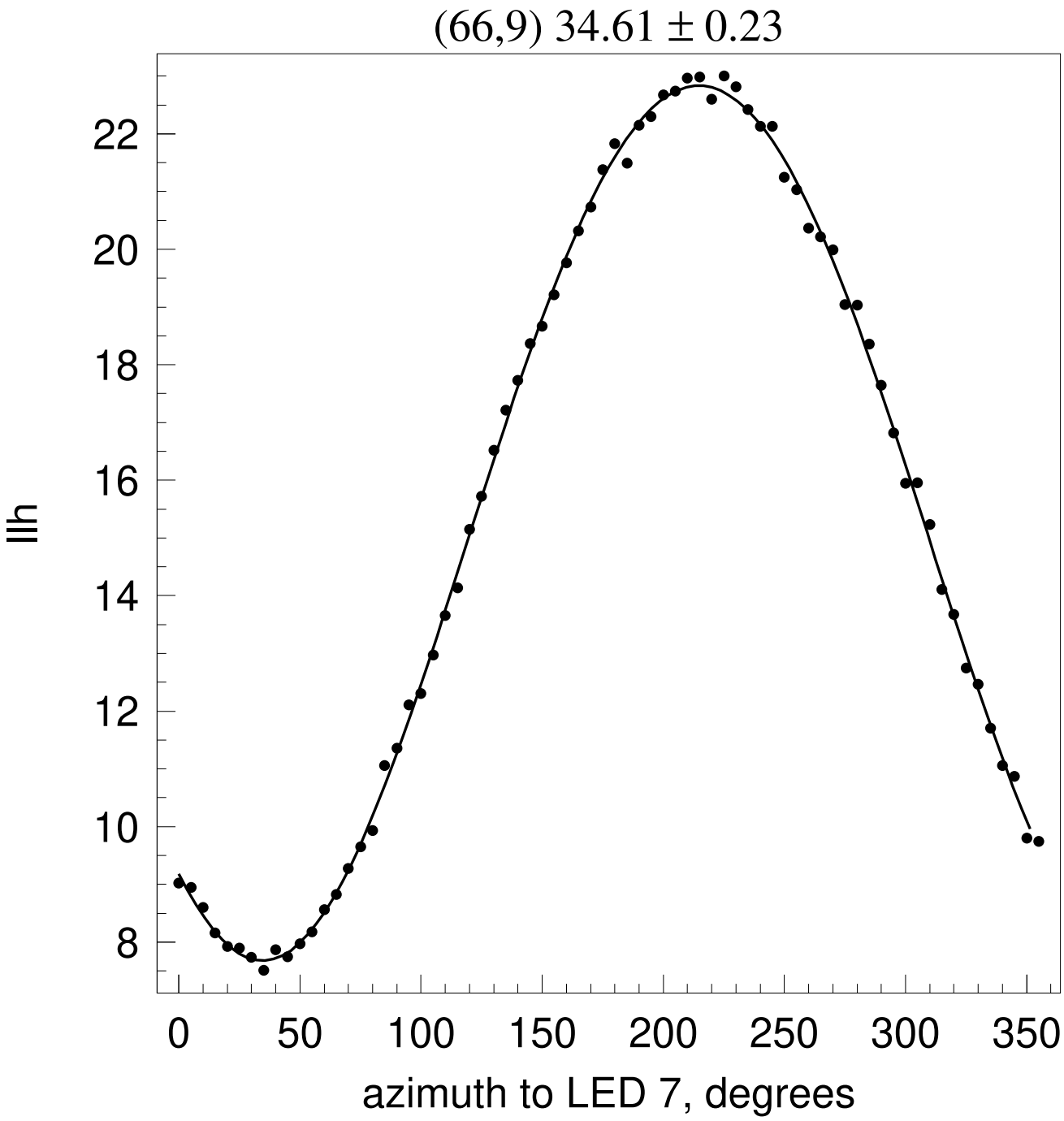

(66,4) 96.40 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

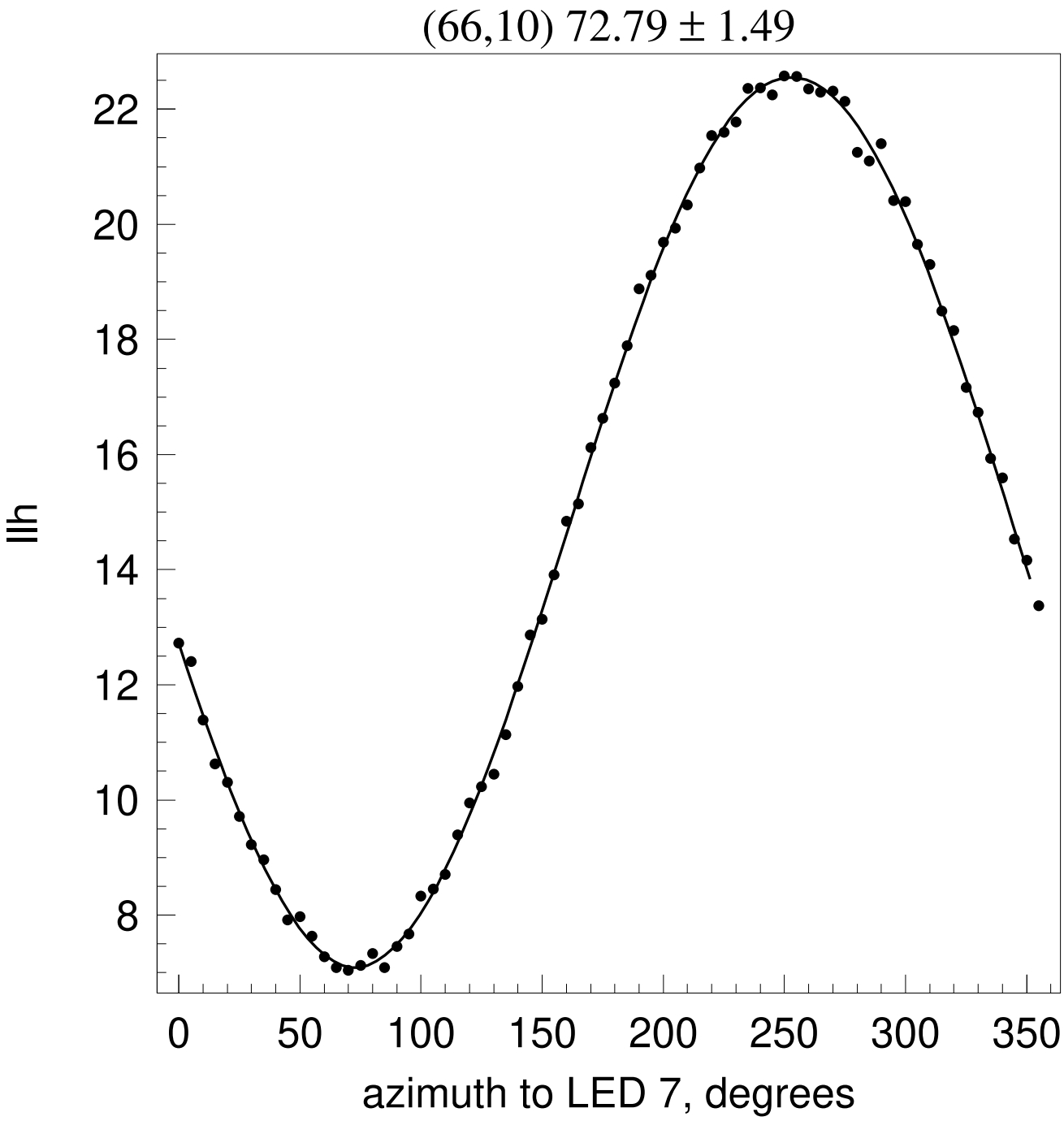

(66,5) 341.83 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

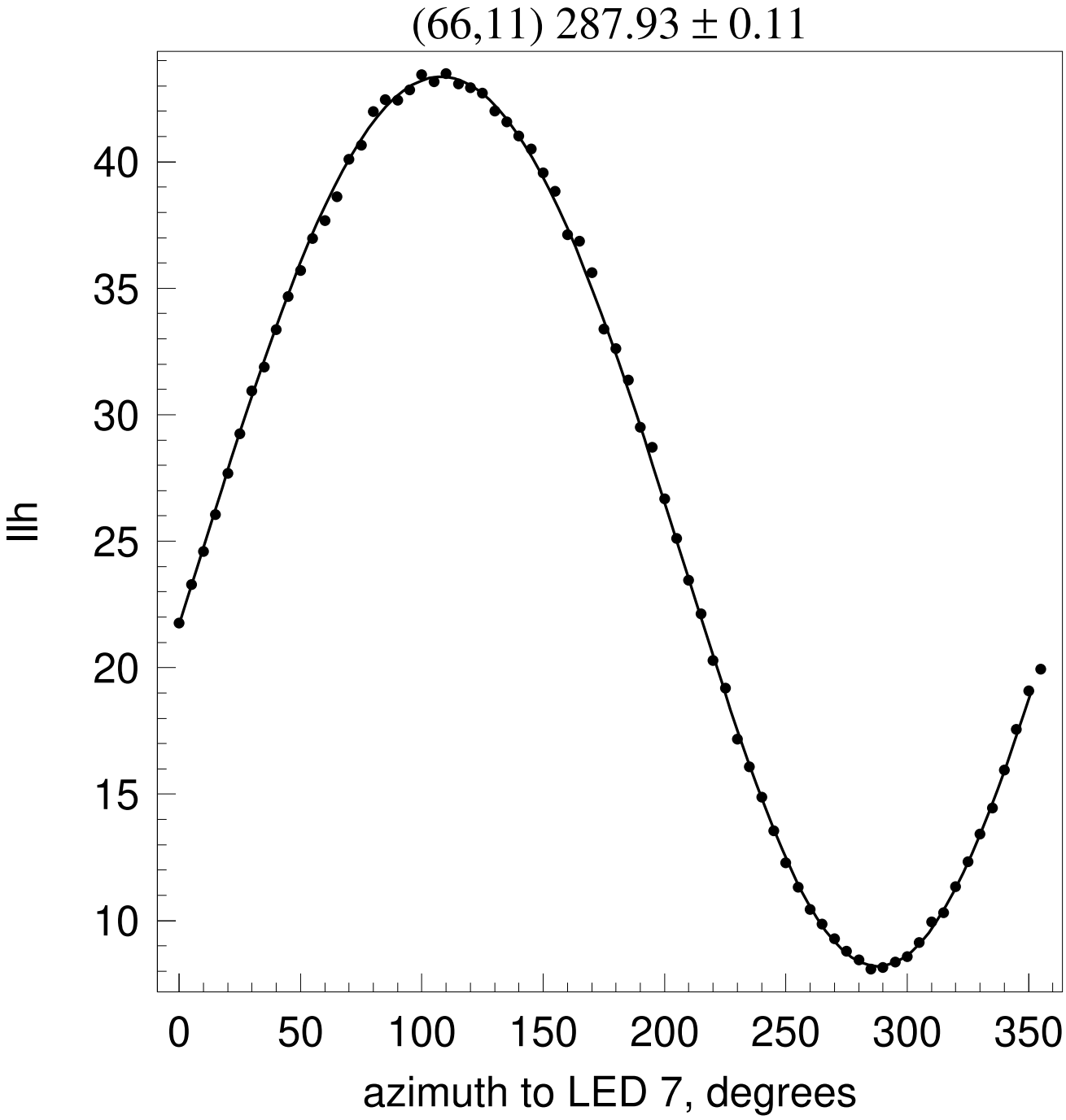

(66,6) 53.87 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

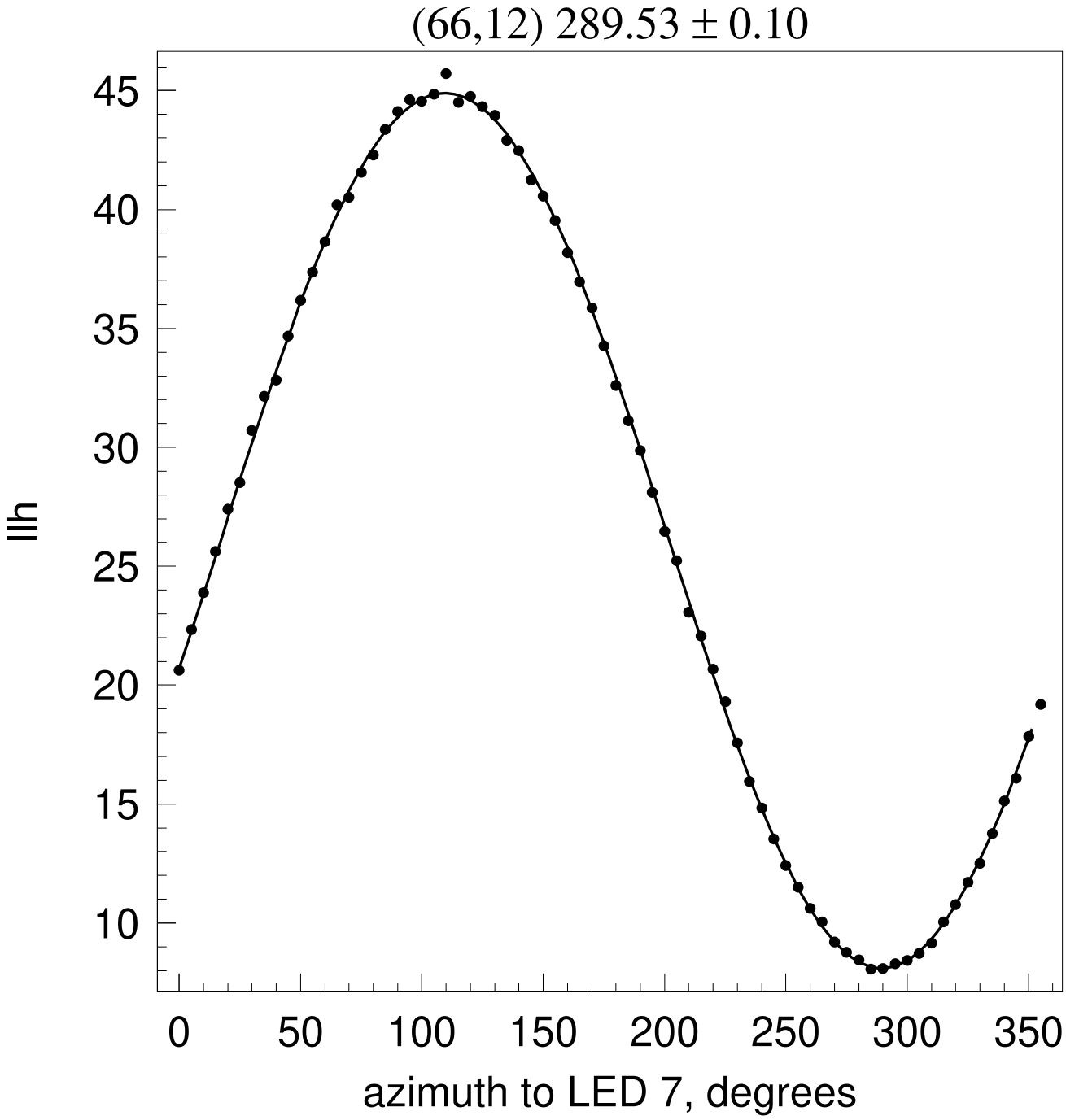

(66,7) 270.35 ± 0.07
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

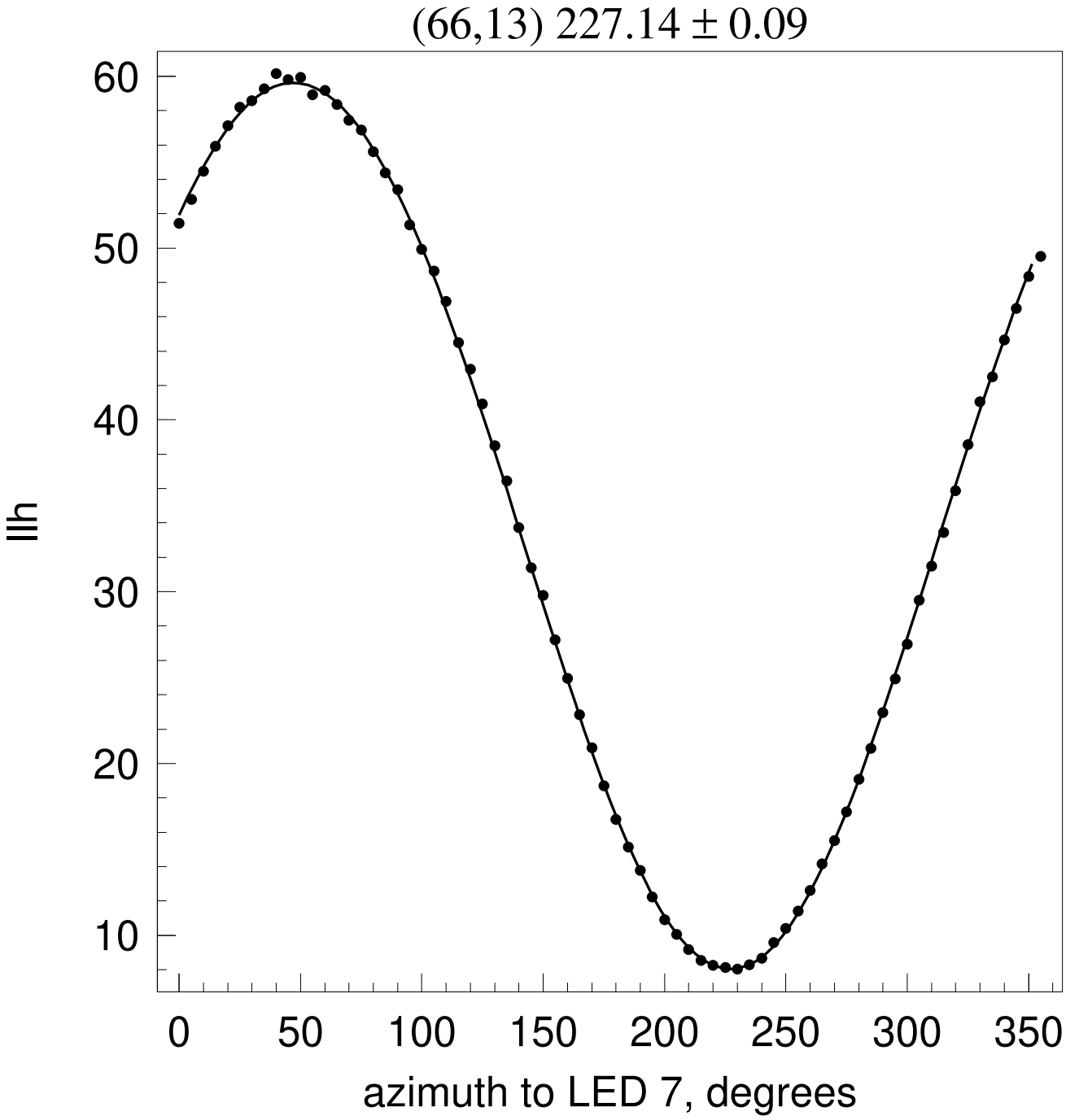

(66,8) 243.95 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

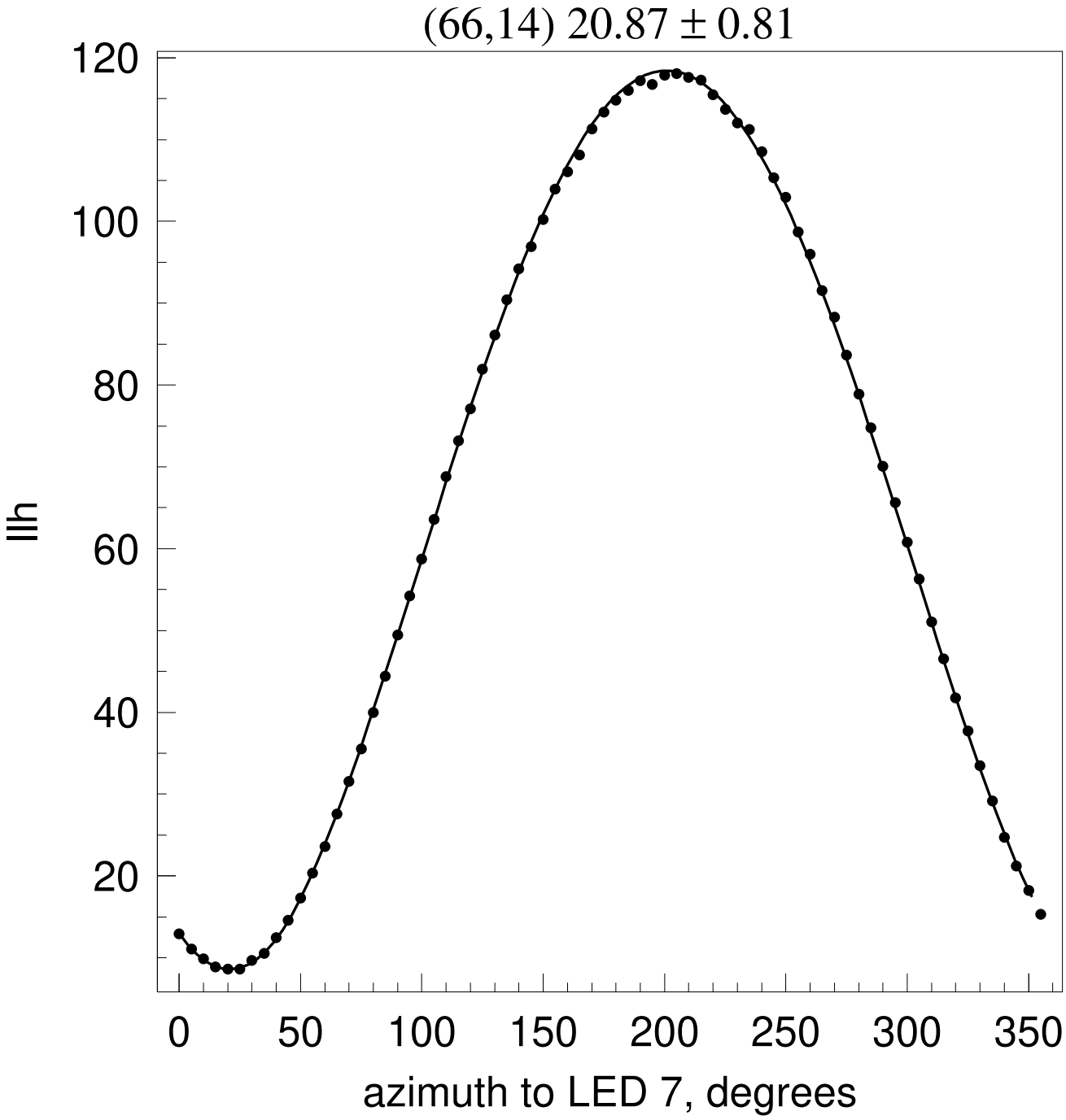

(66,9) 34.61 ± 0.23
llh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

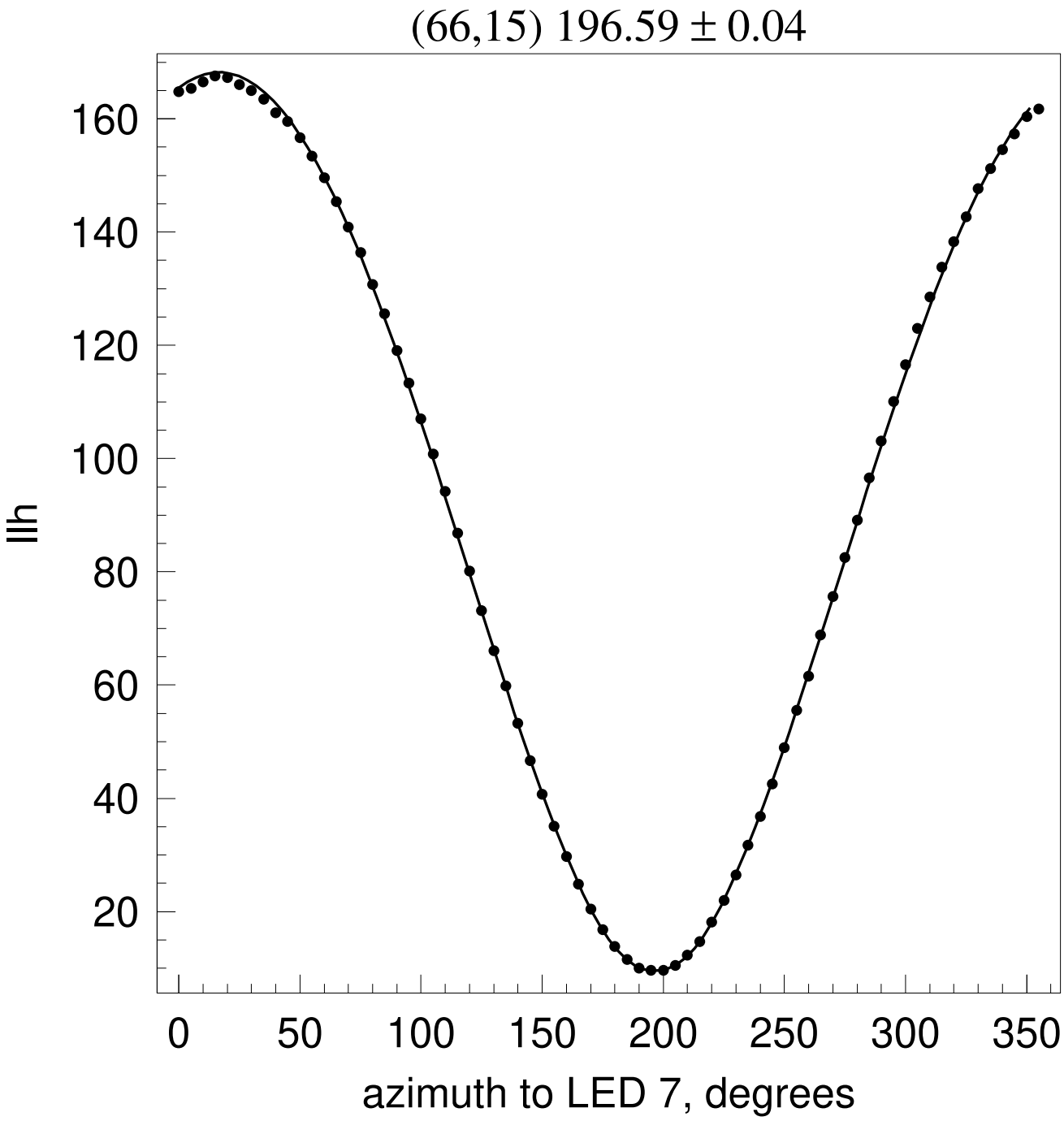

(66,10) 72.79 ± 1.49
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

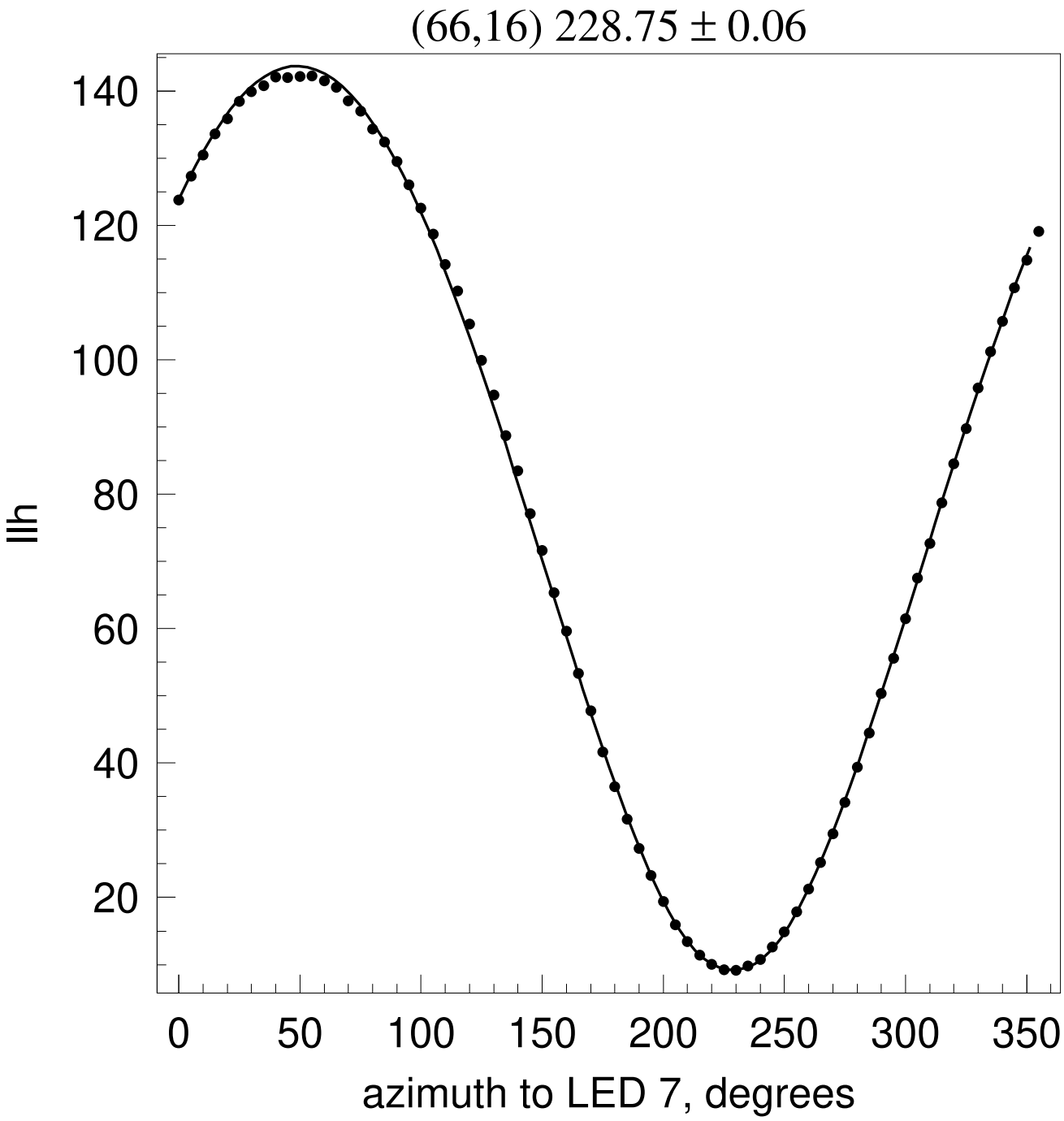

(66,11) 287.93 ± 0.11
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

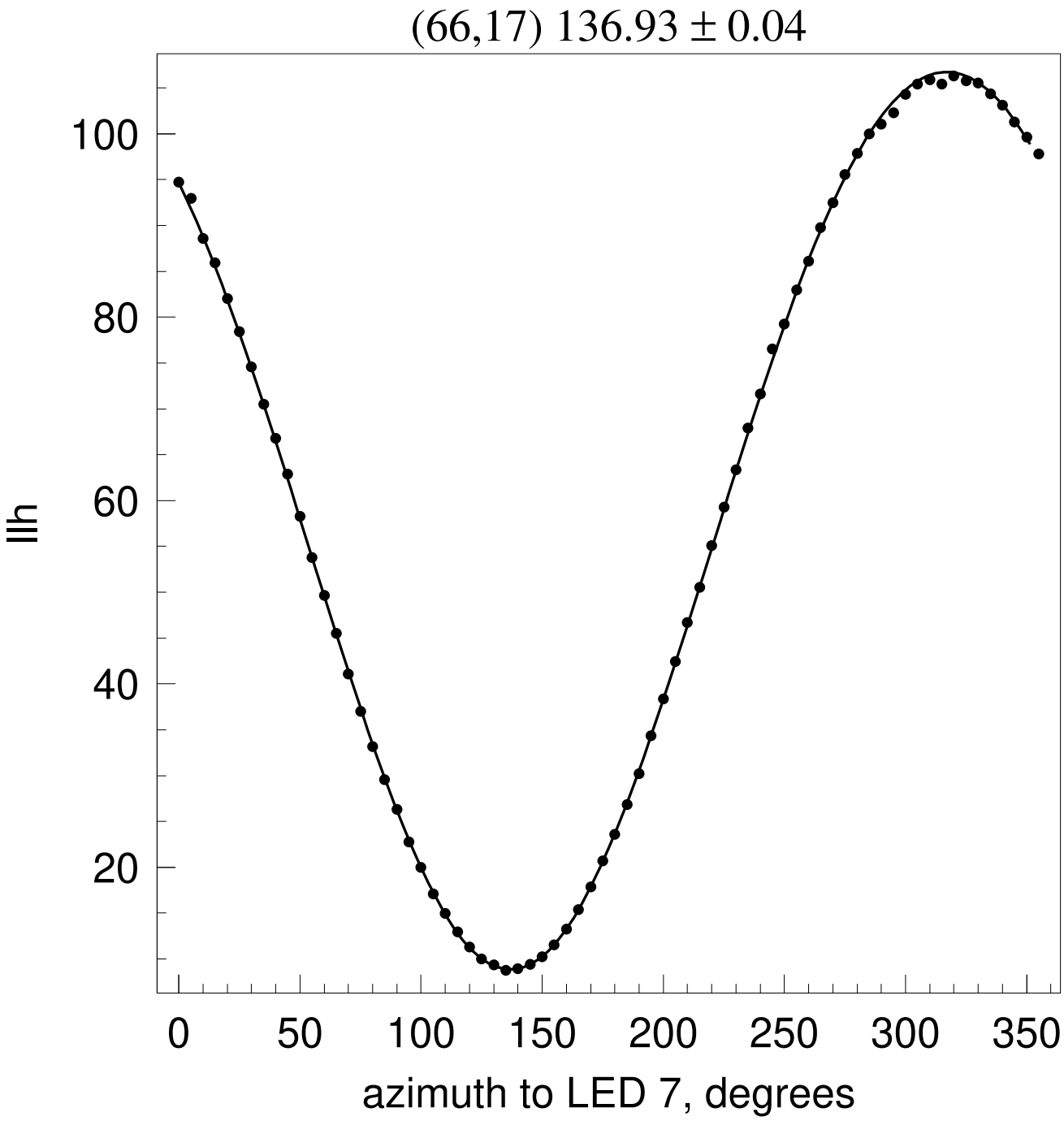

(66,12) 289.53 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

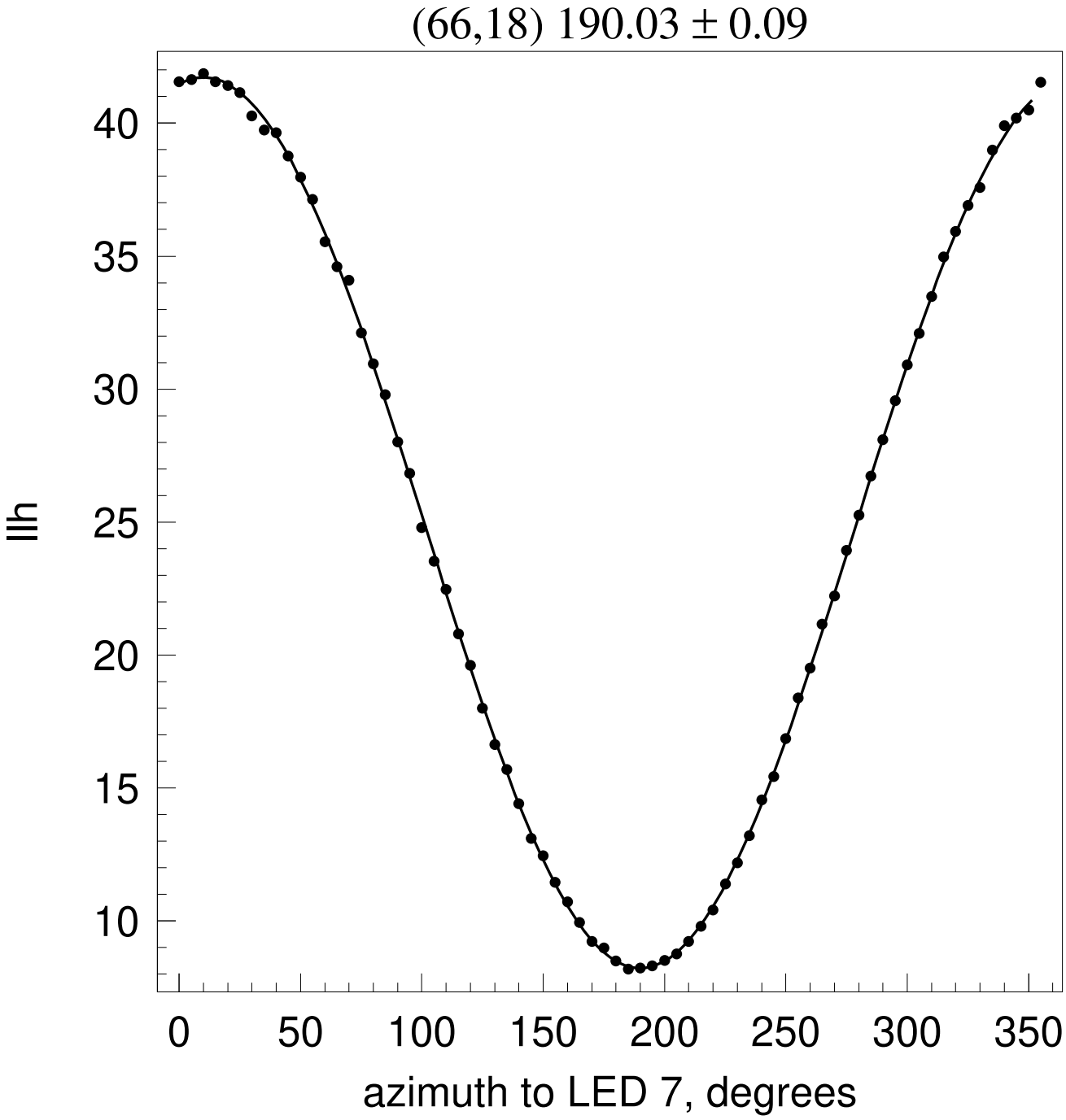

(66,13) 227.14 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

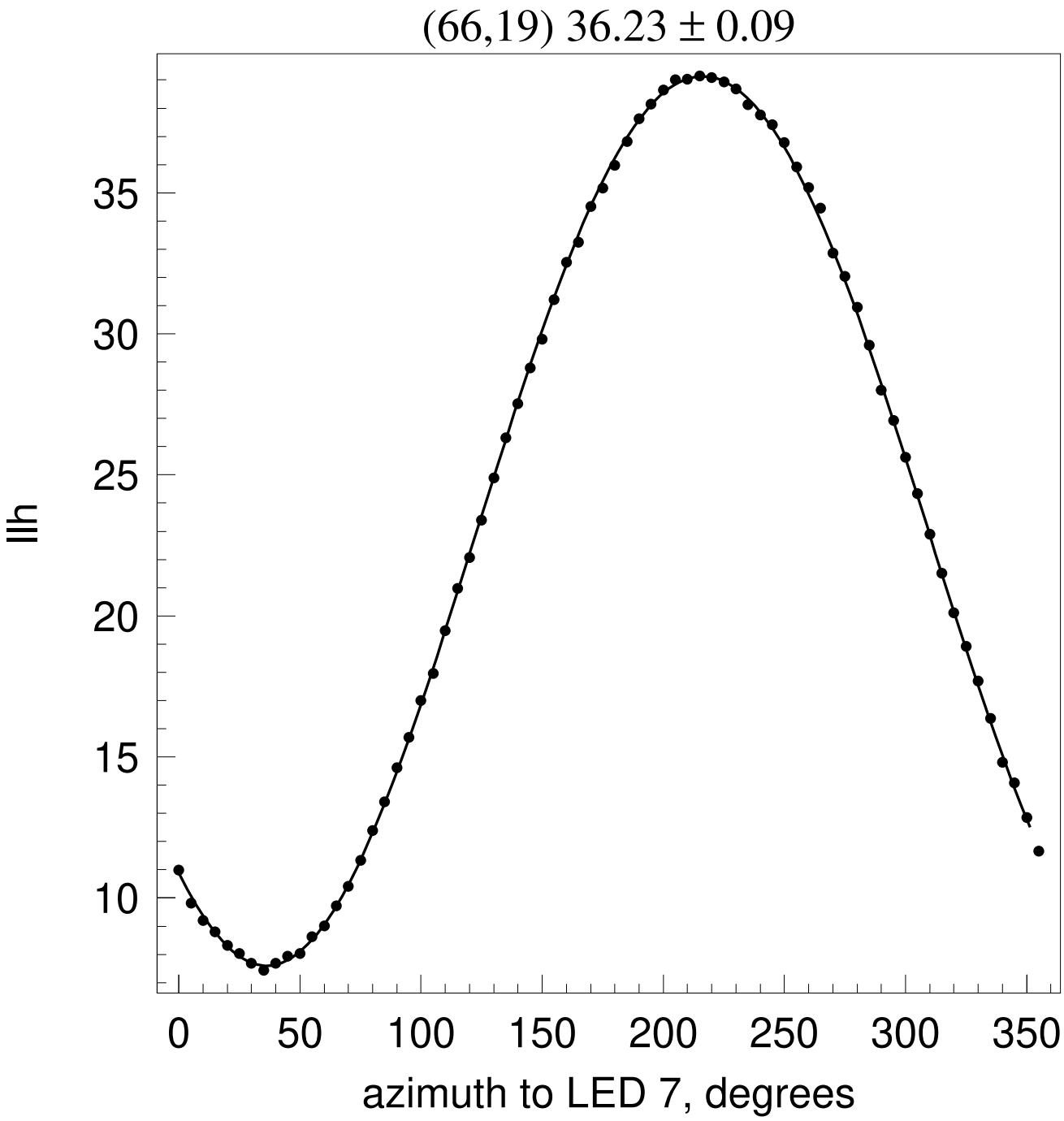

(66,14) 20.87 ± 0.81
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

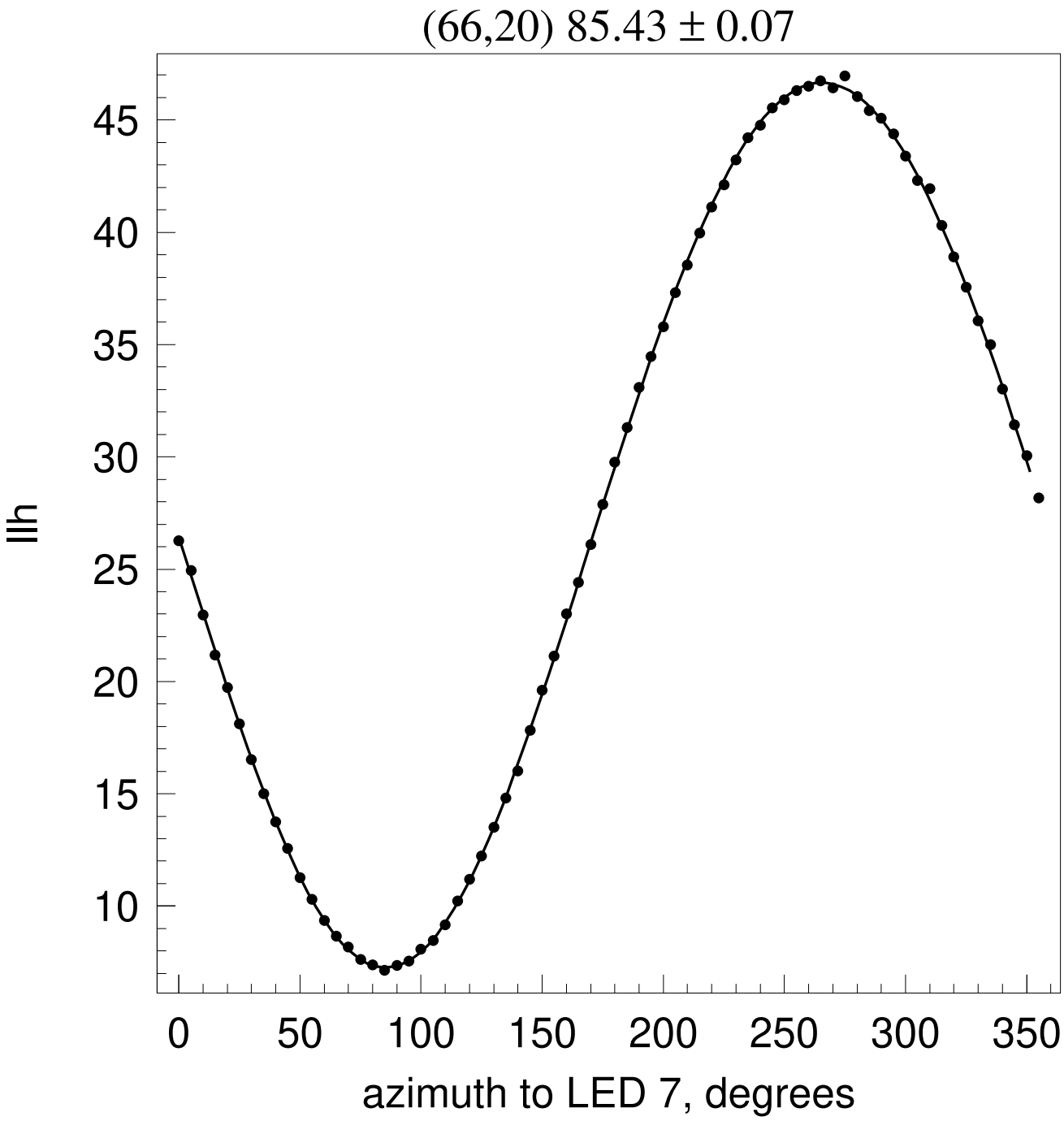

(66,15) 196.59 ± 0.04
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

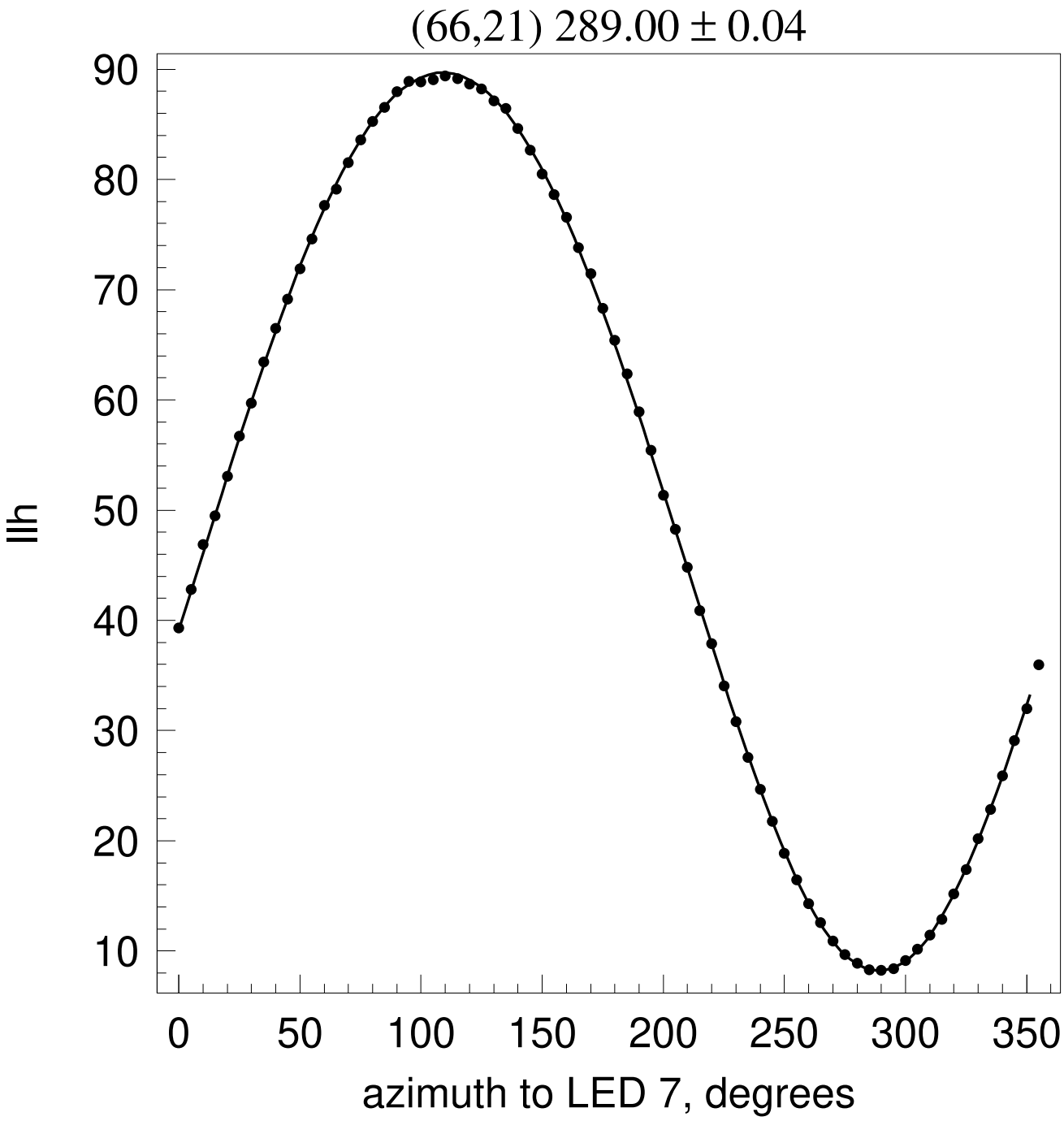

(66,16) 228.75 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

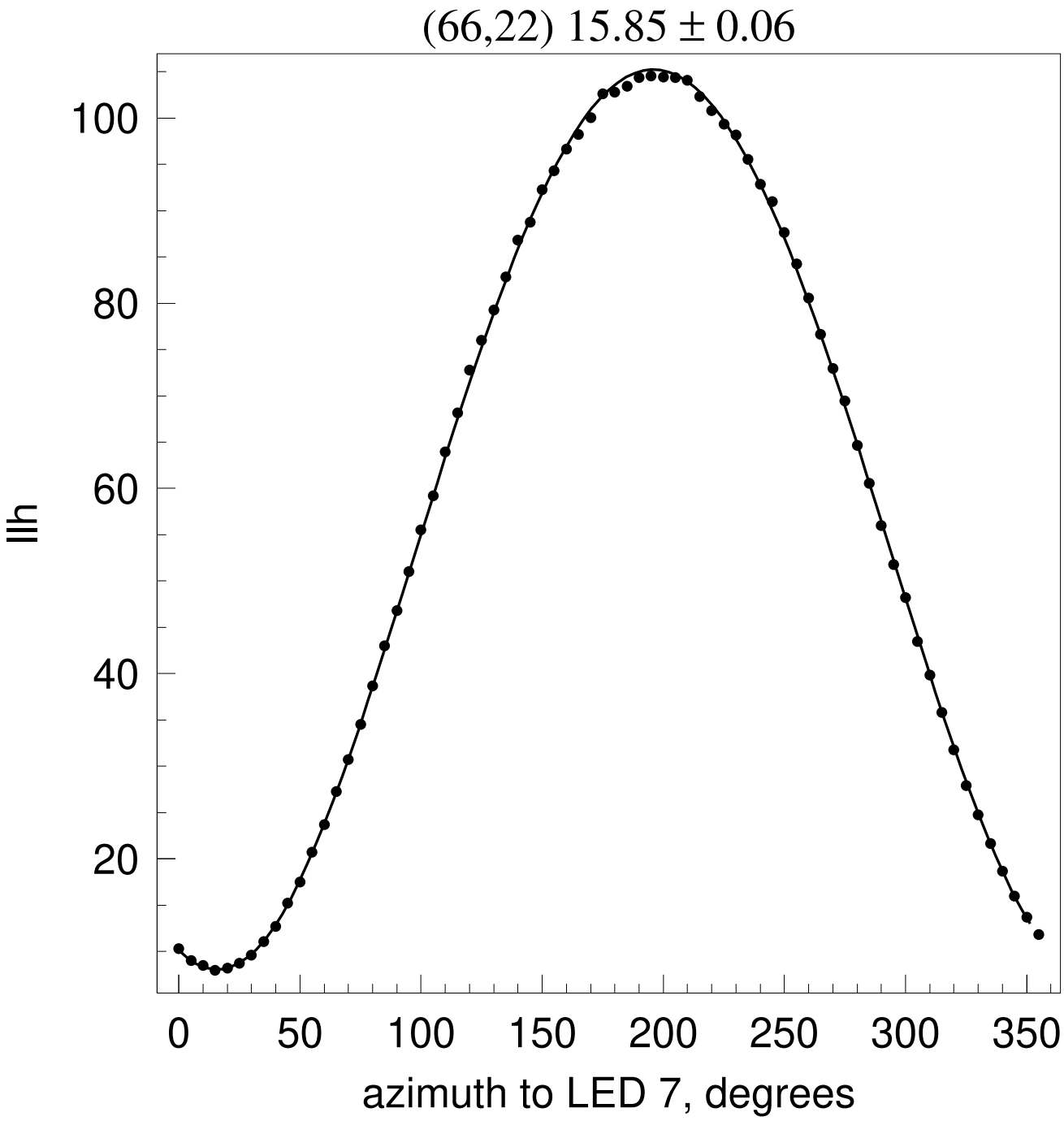

(66,17) 136.93 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

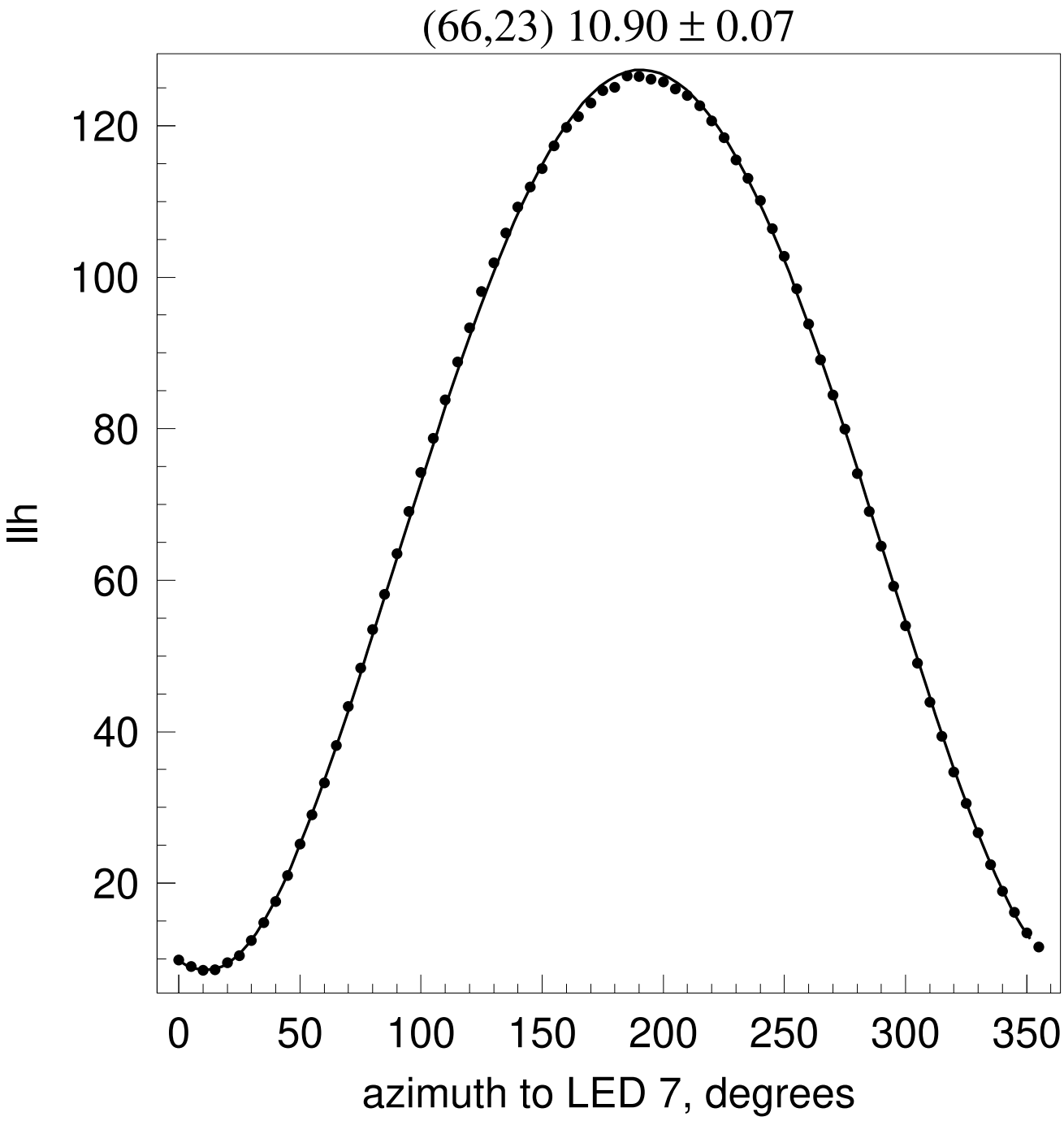

(66,18) 190.03 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

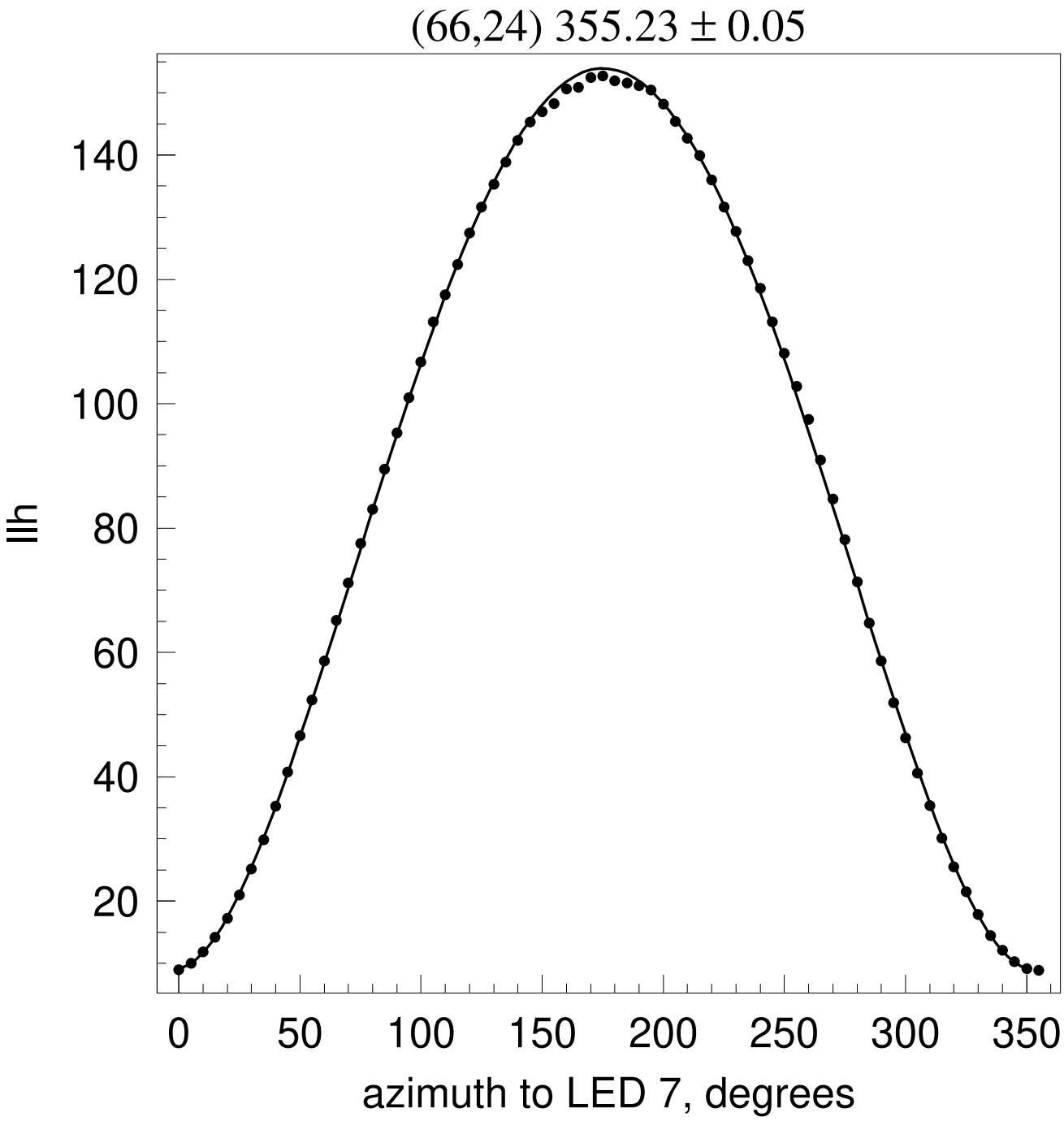

(66,19) 36.23 ± 0.09
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

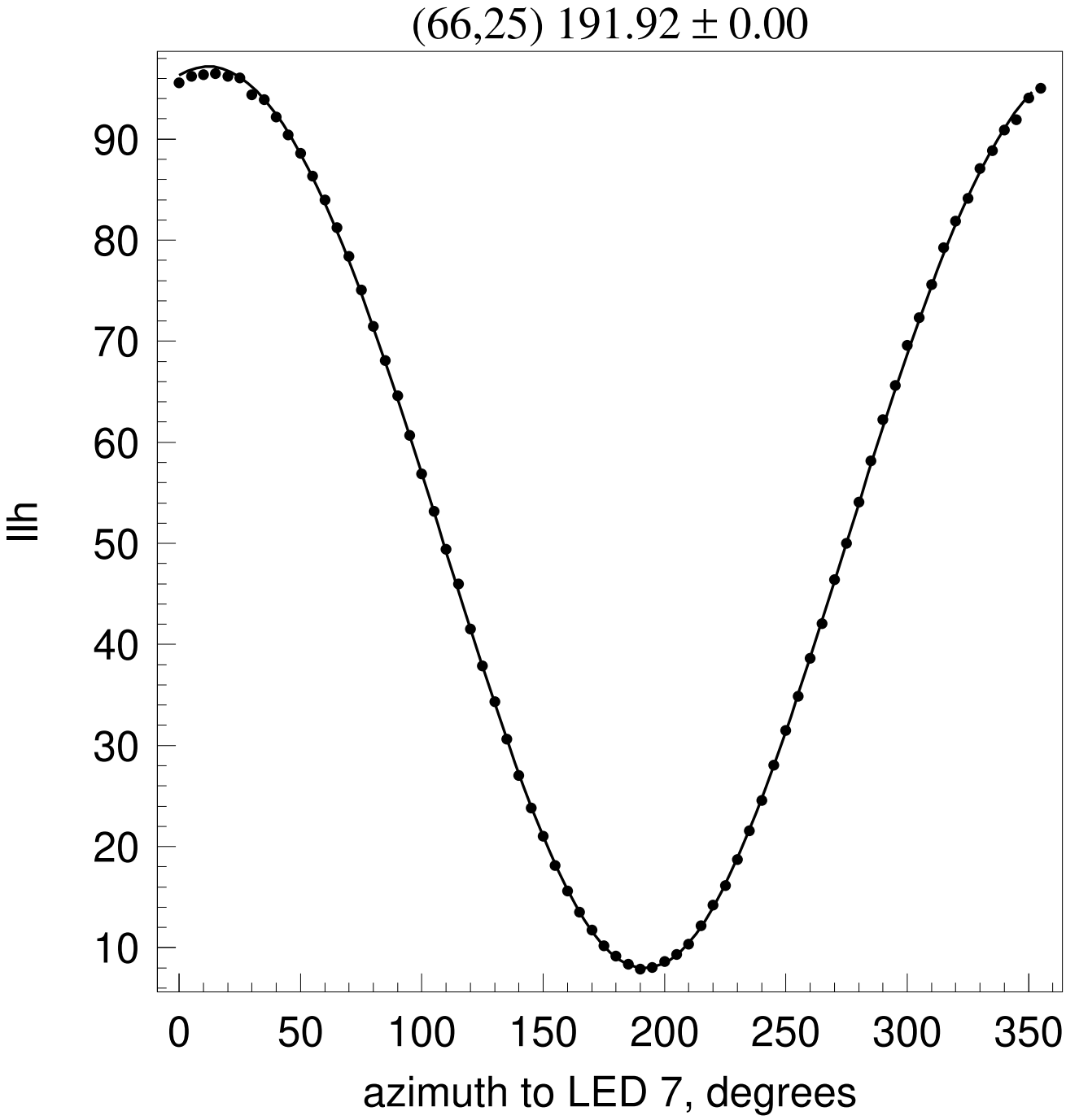

(66,20) 85.43 ± 0.07
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

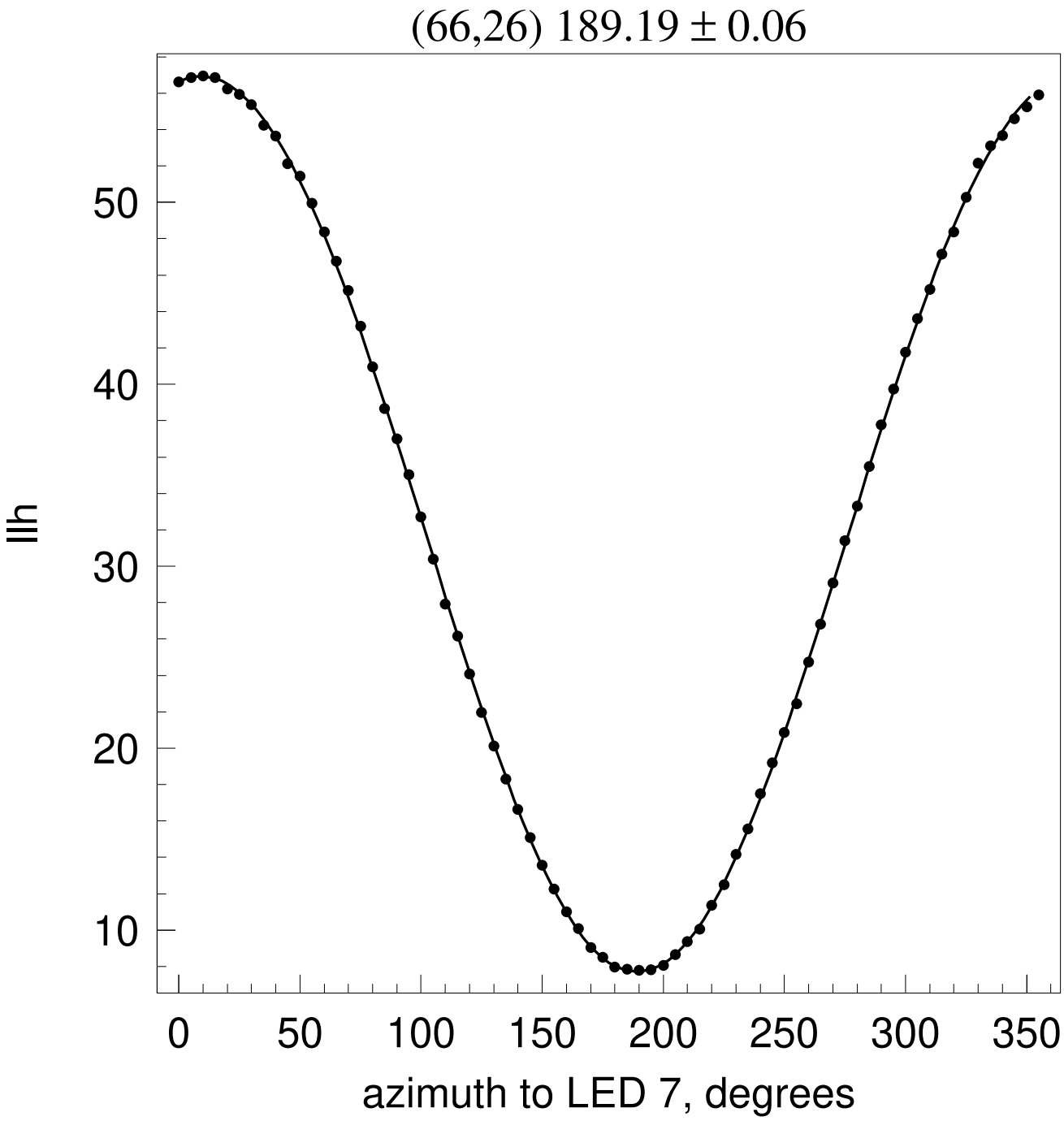

(66,21) 289.00 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

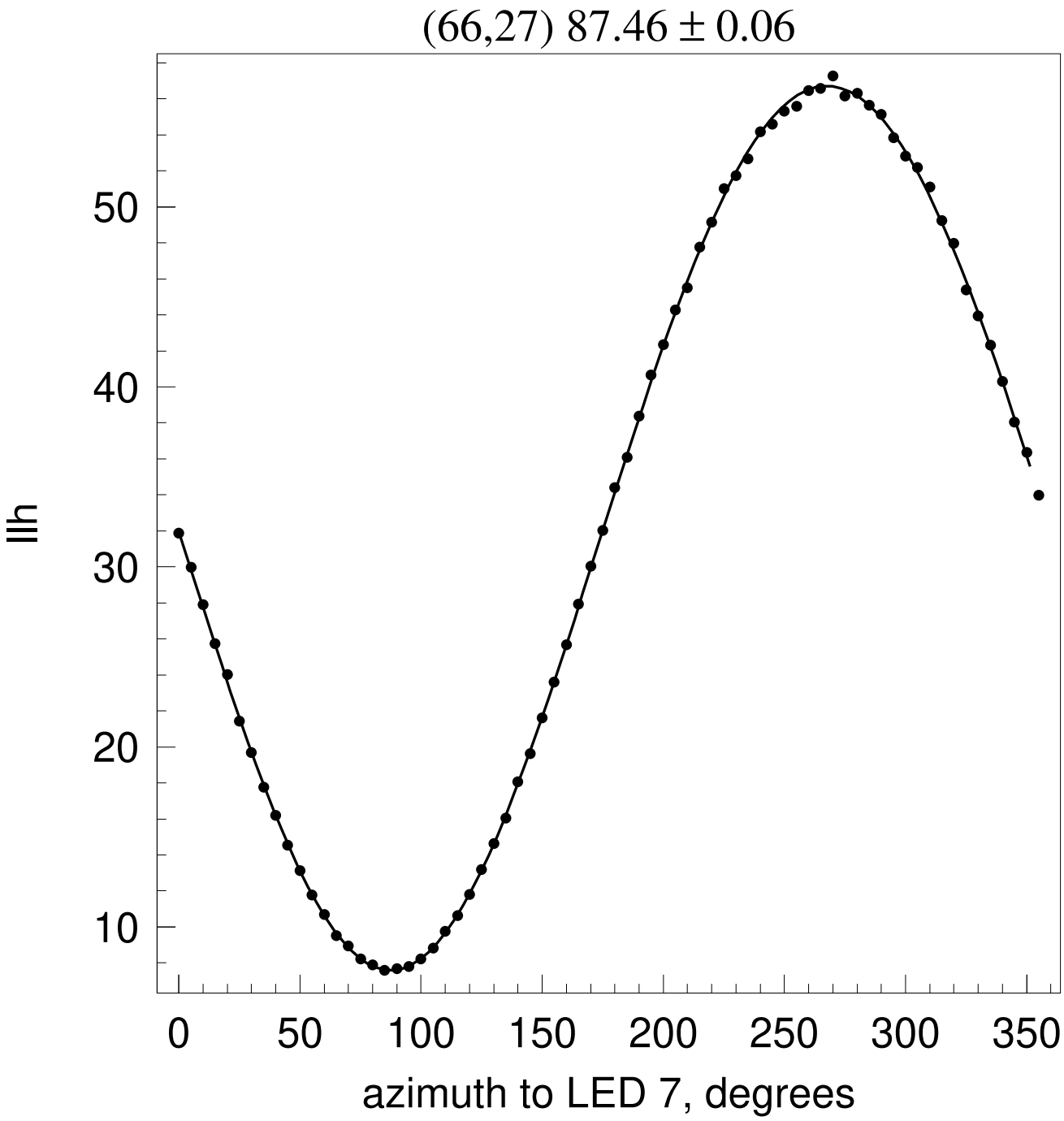

(66,22) 15.85 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

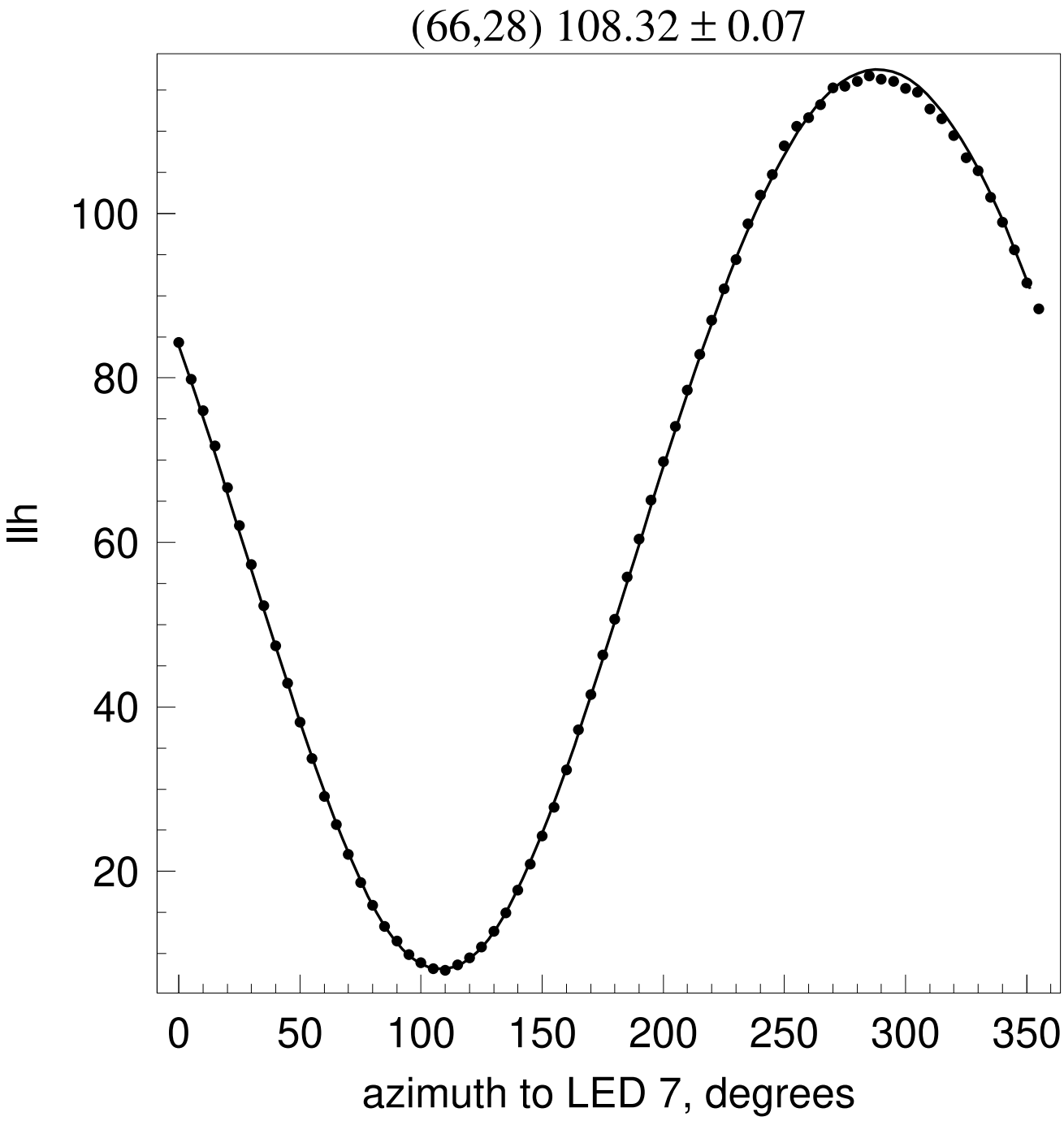

(66,23) 10.90 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

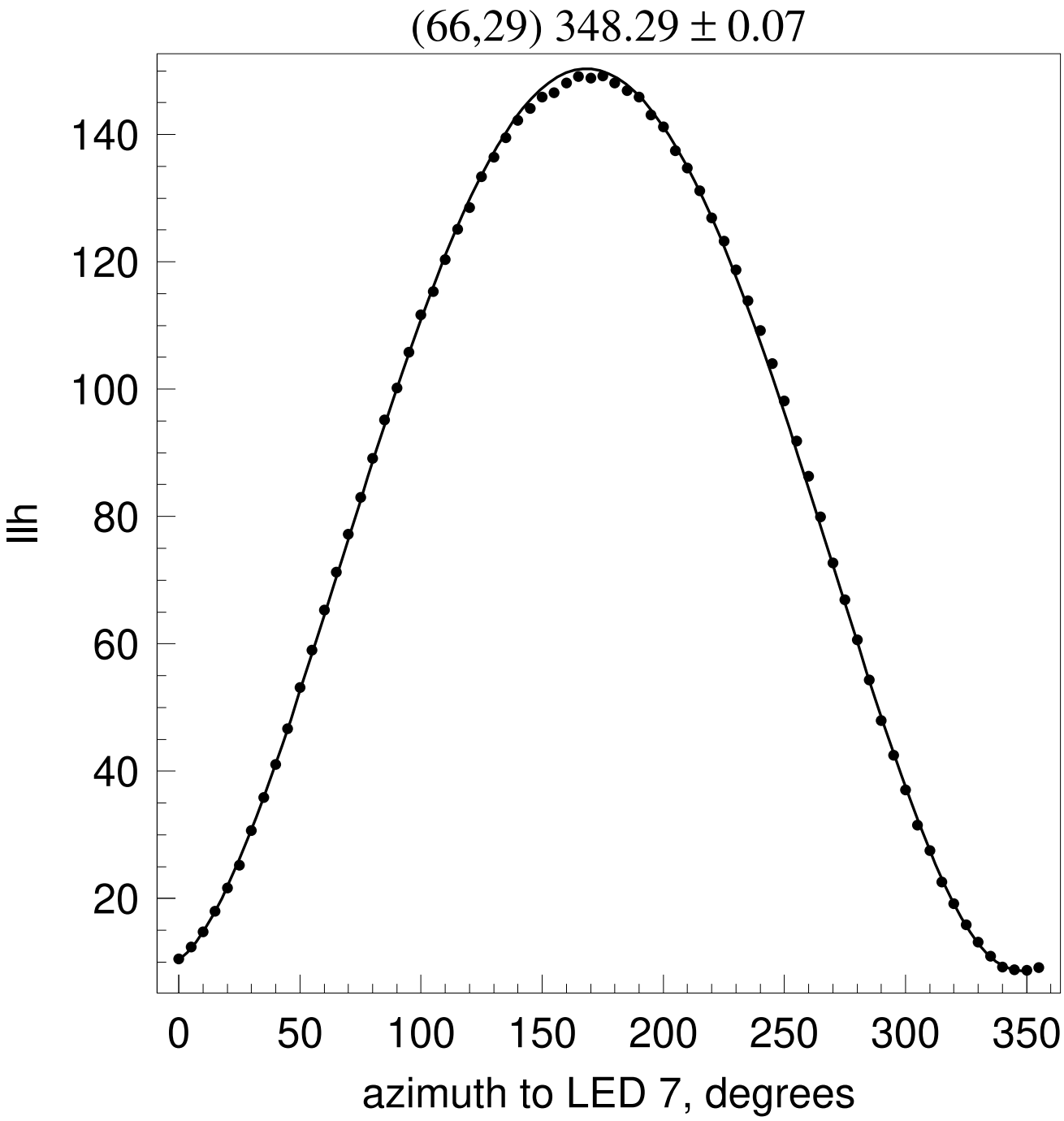

(66,24) 355.23 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

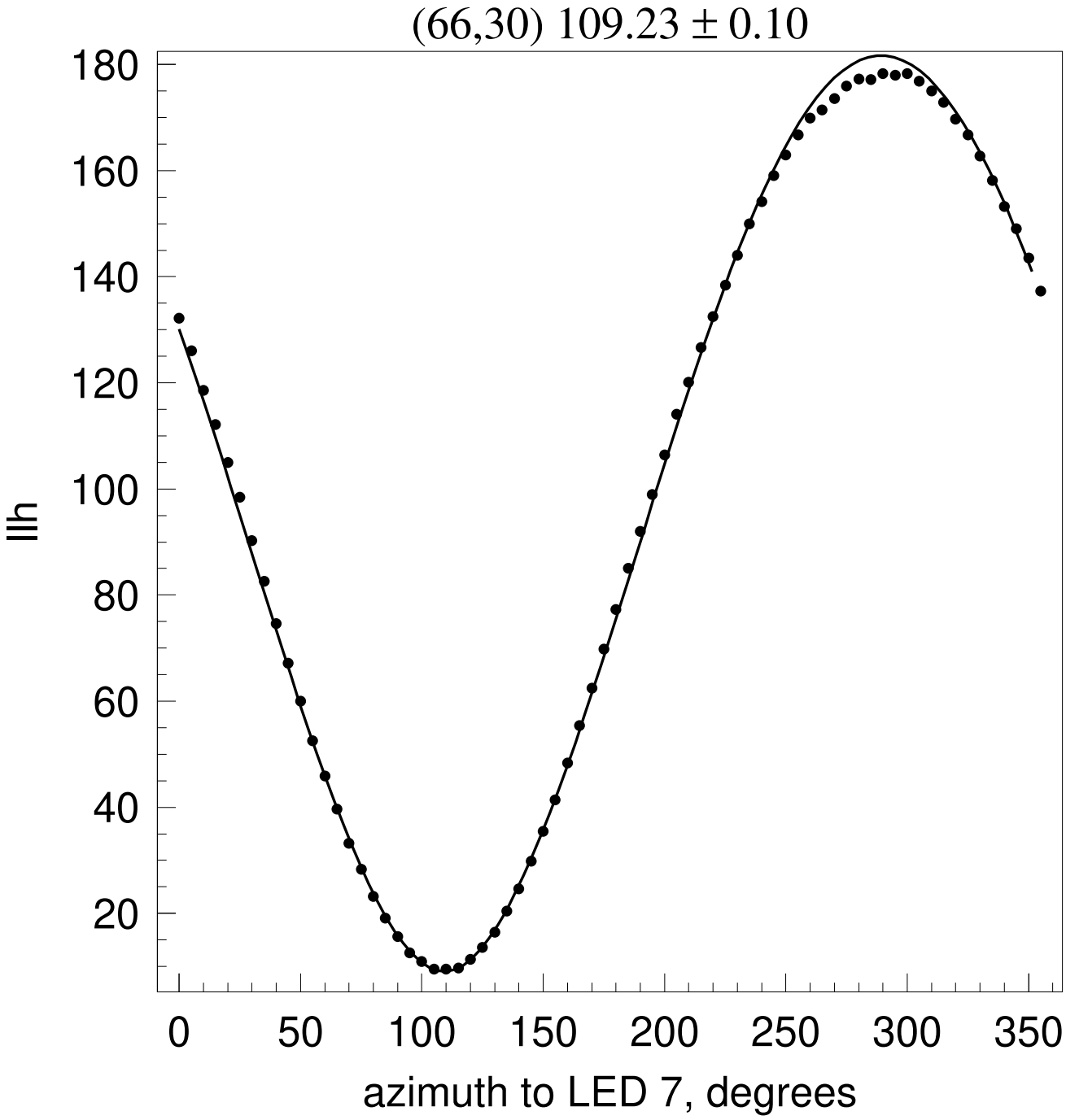

(66,25) 191.92 ± 0.00
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

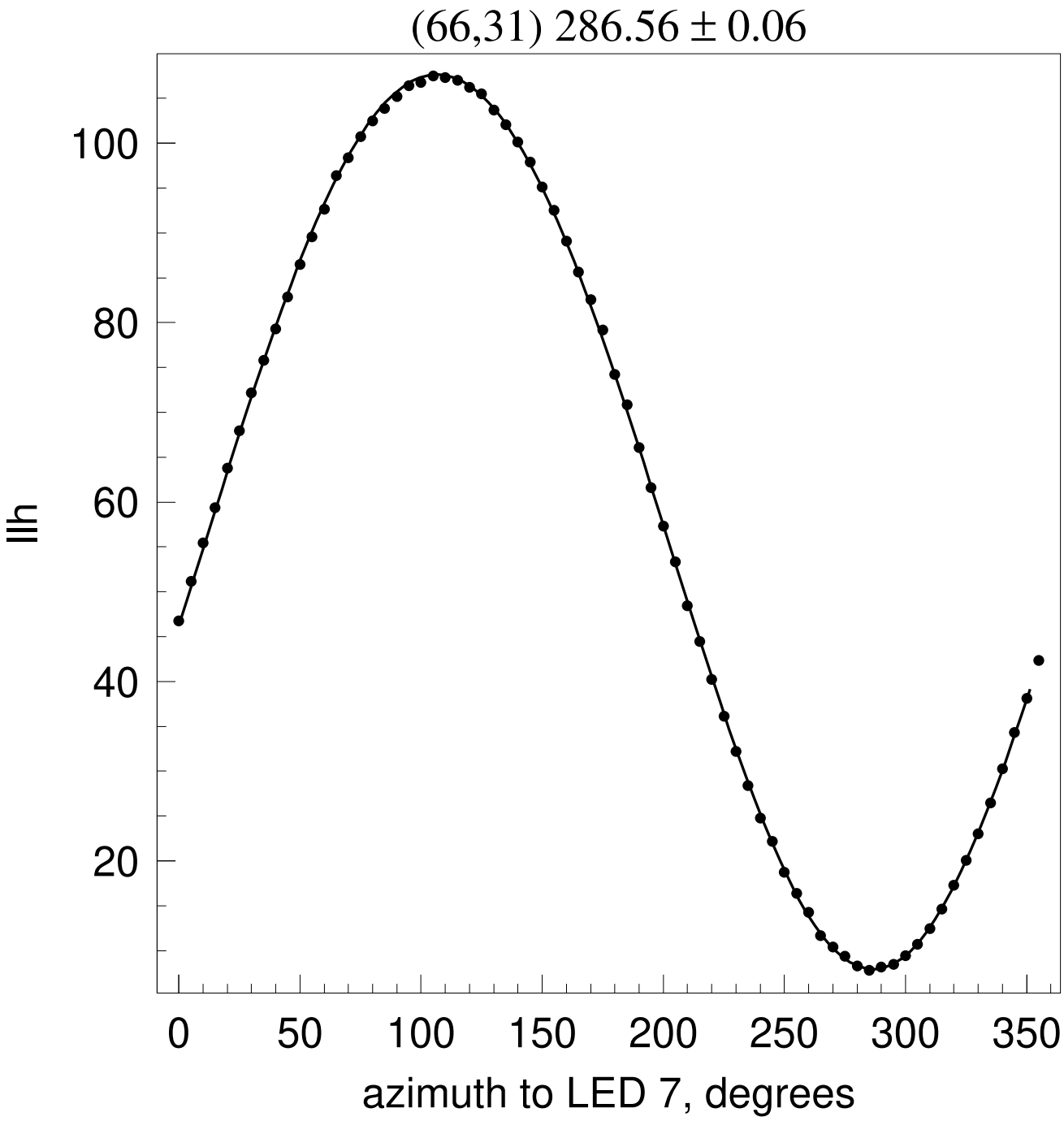

(66,26) 189.19 ± 0.06
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

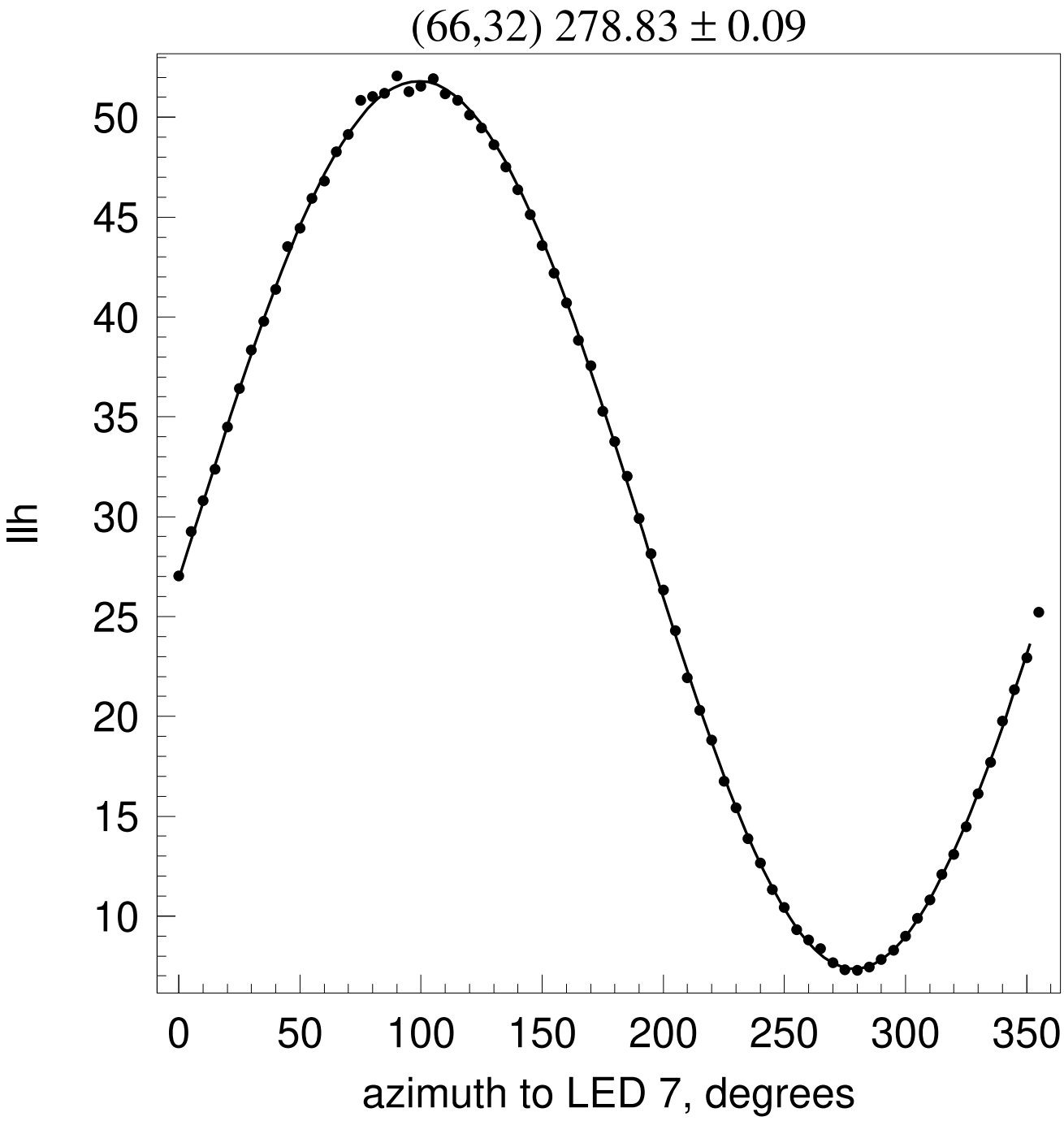

(66,27) 87.46 ± 0.06
llh
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

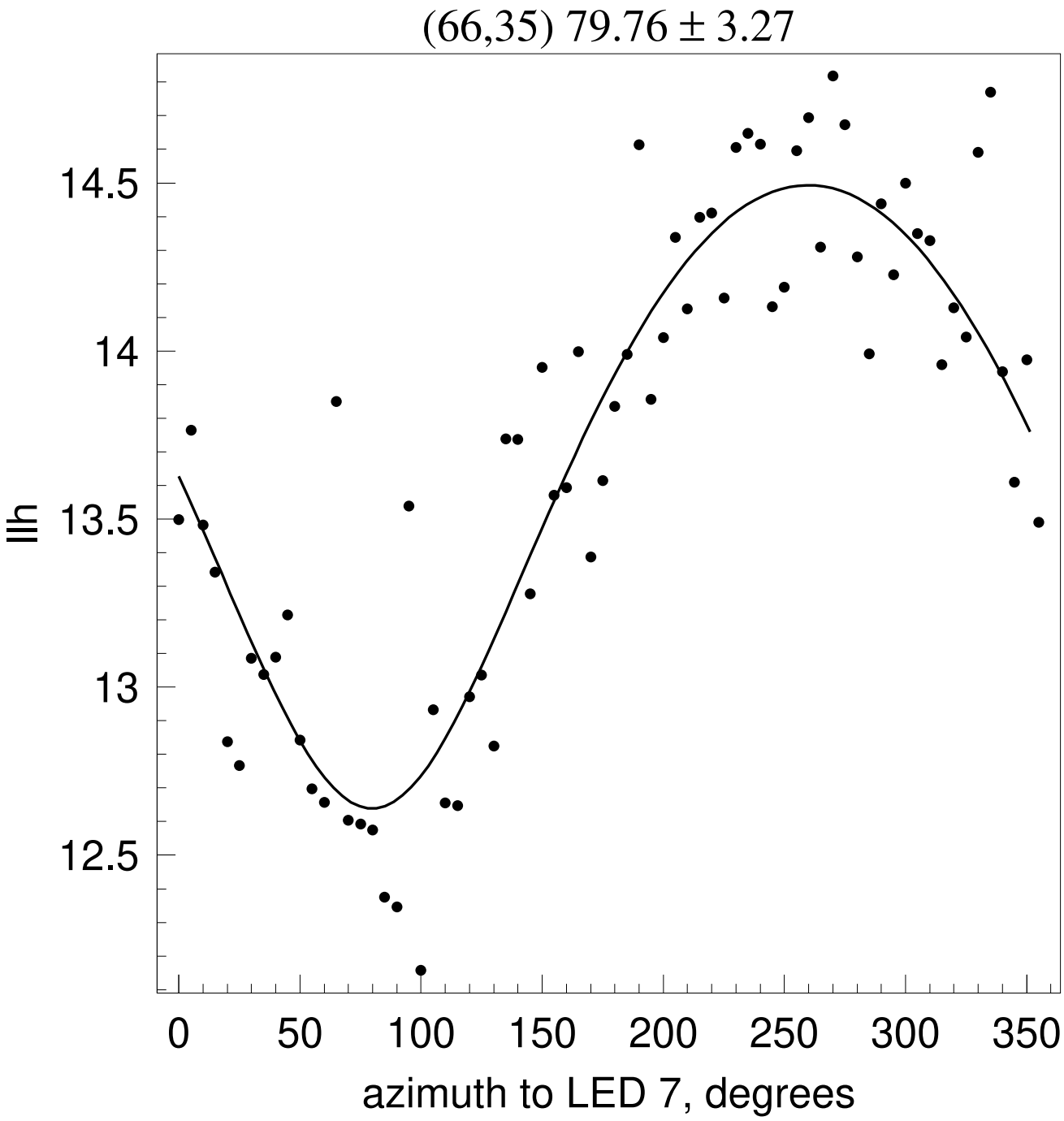

(66,28) 108.32 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

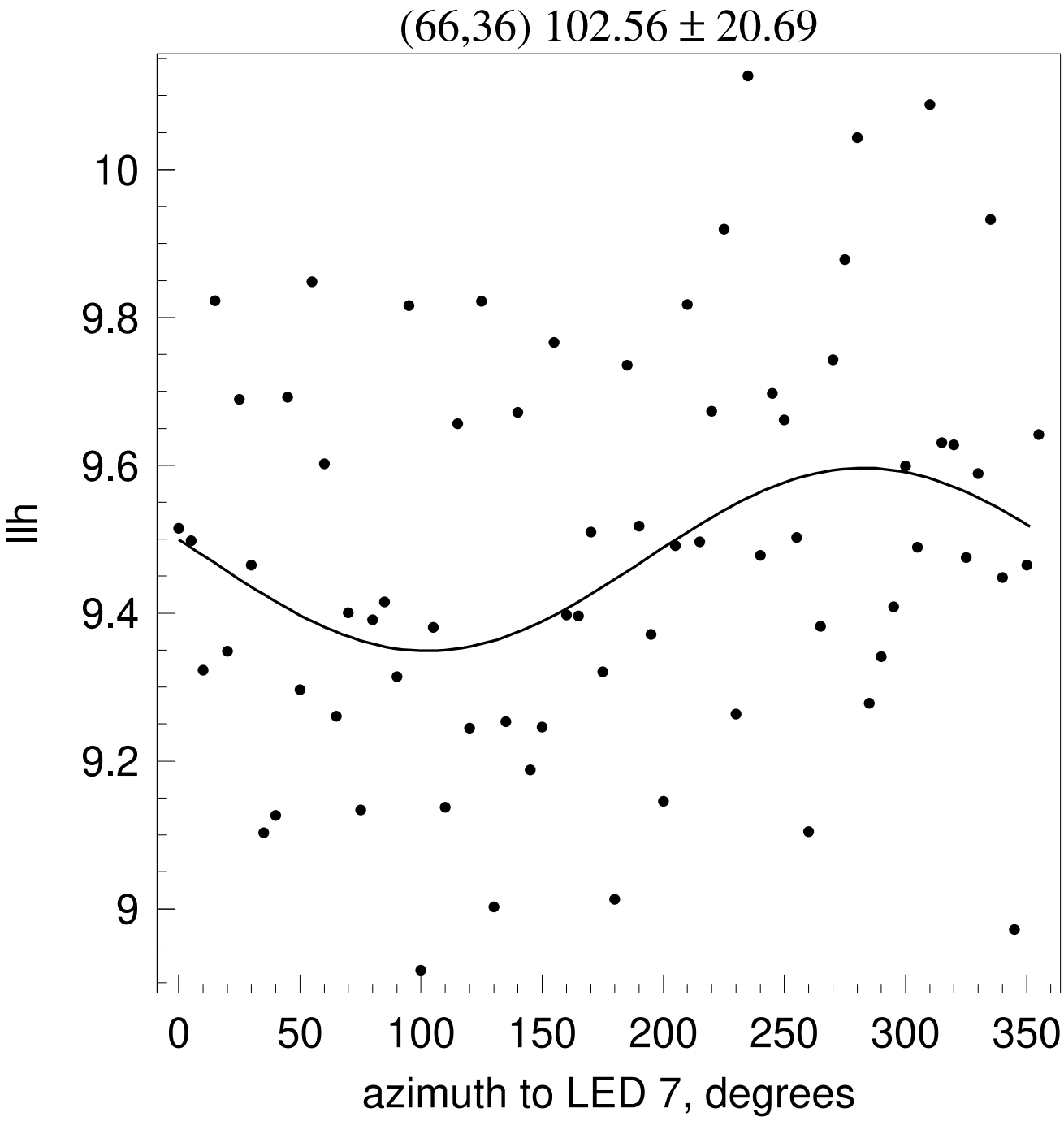

(66,29) 348.29 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

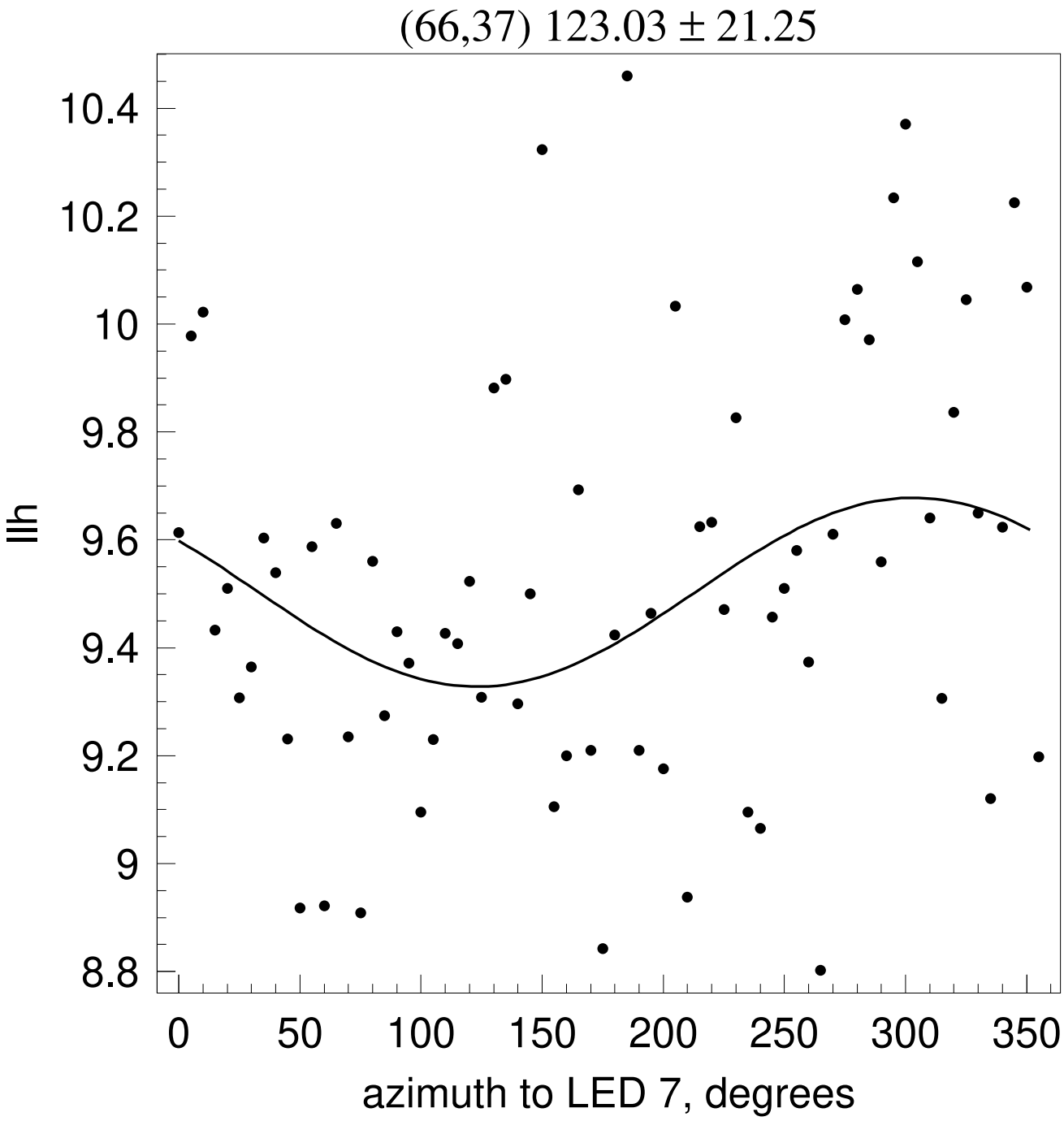

(66,30) 109.23 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

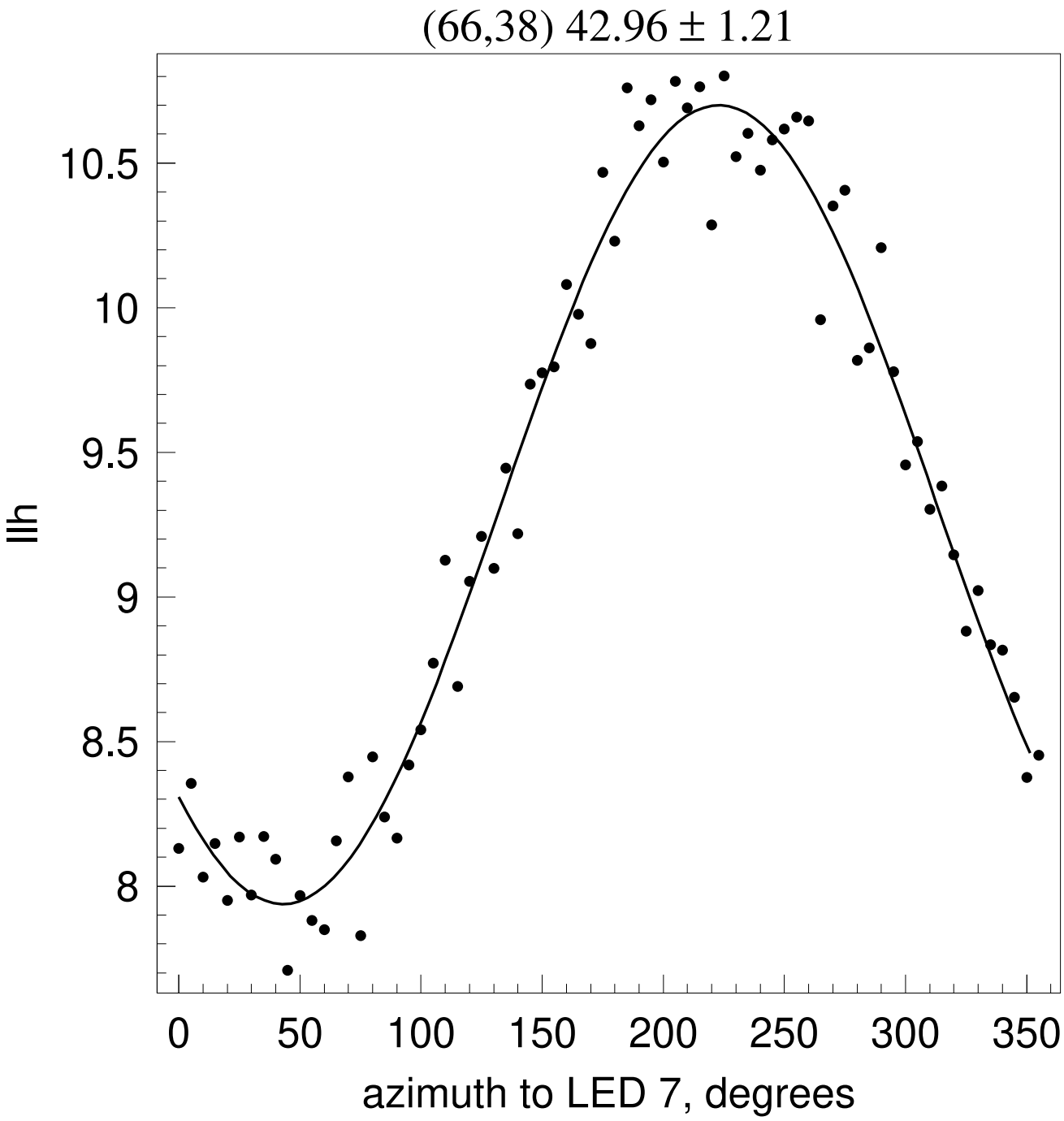

(66,31) 286.56 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

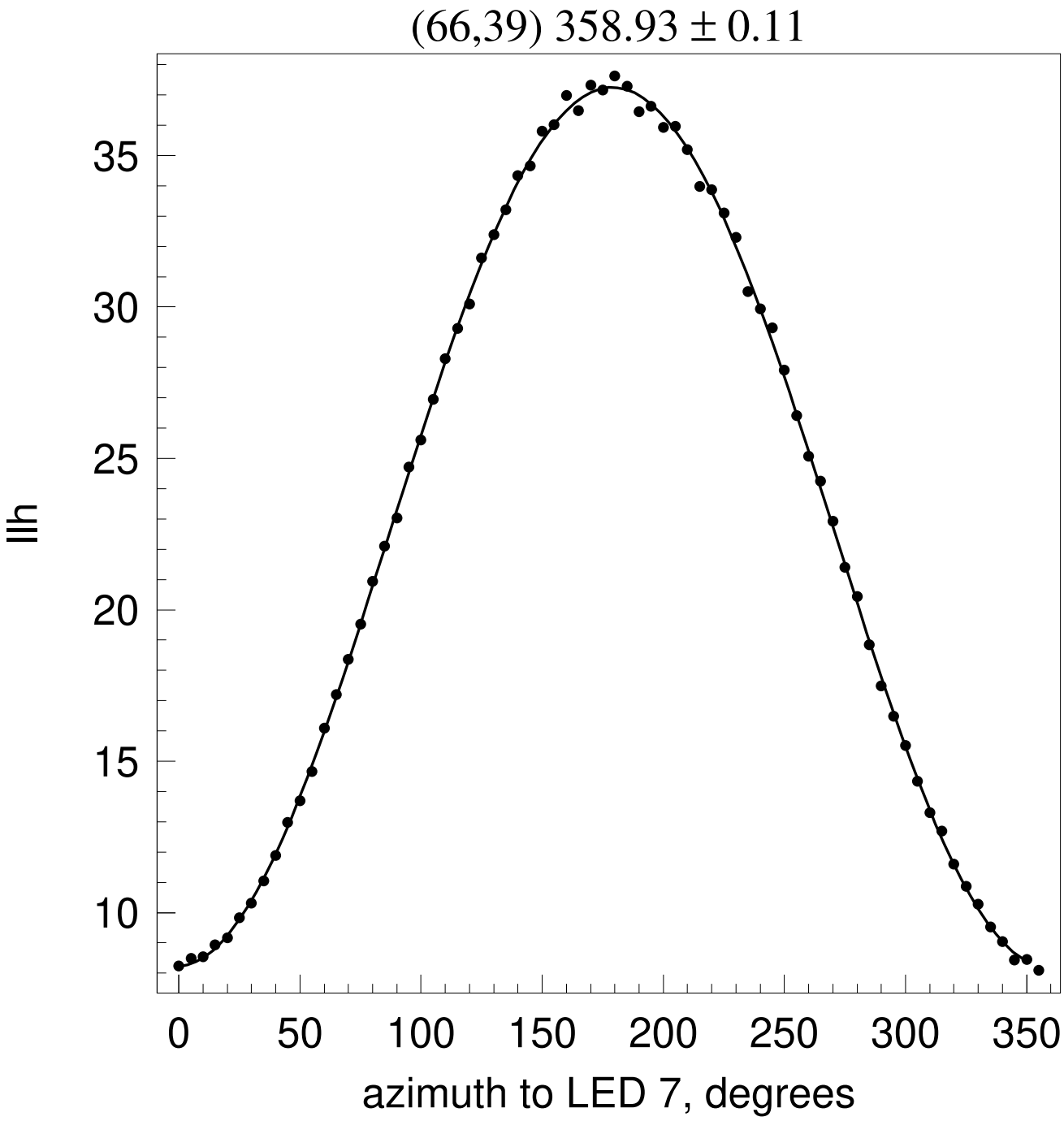

(66,32) 278.83 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

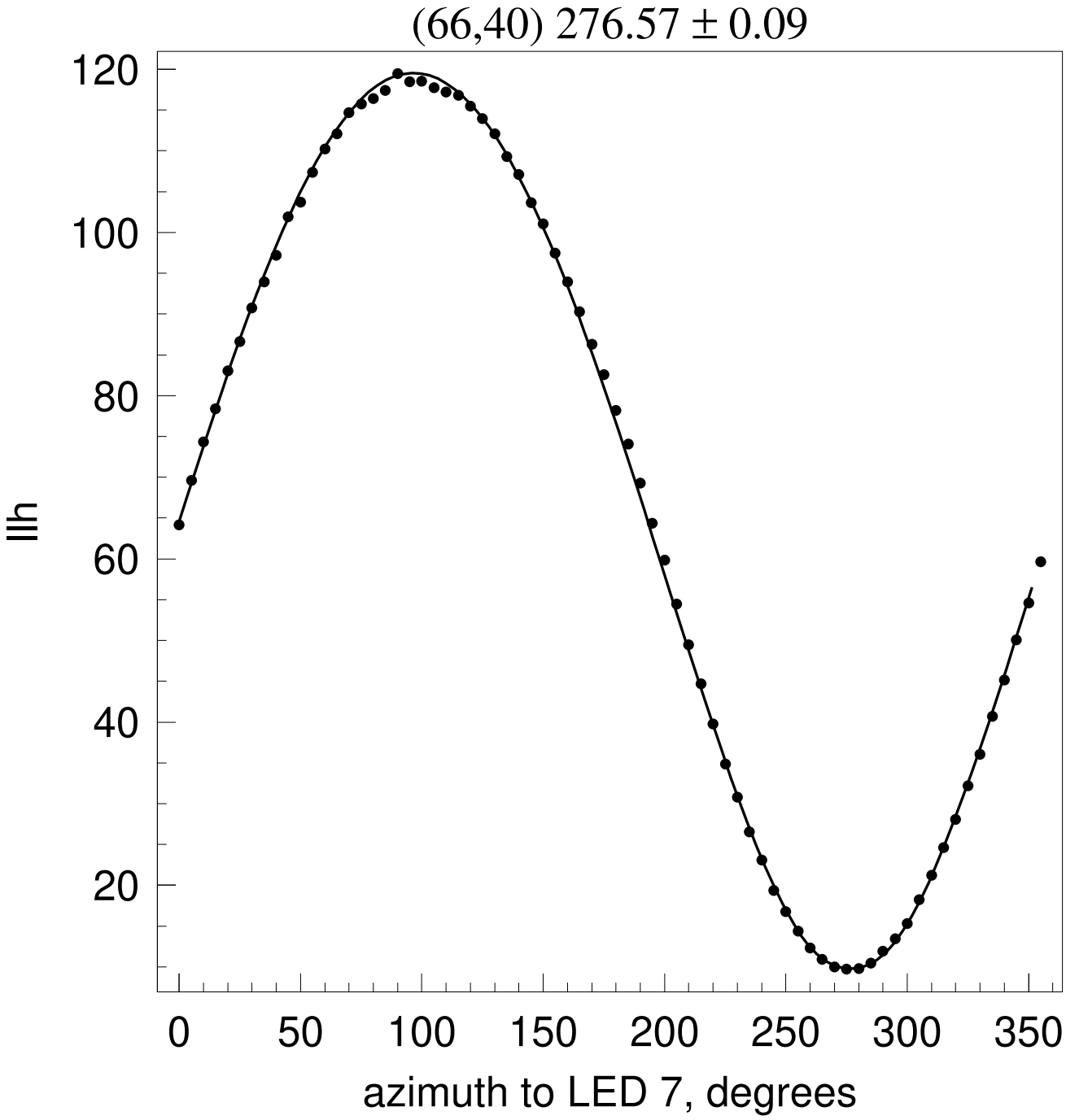

(66,35) 79.76 ± 3.27
14.5
14
13.5
13
12.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

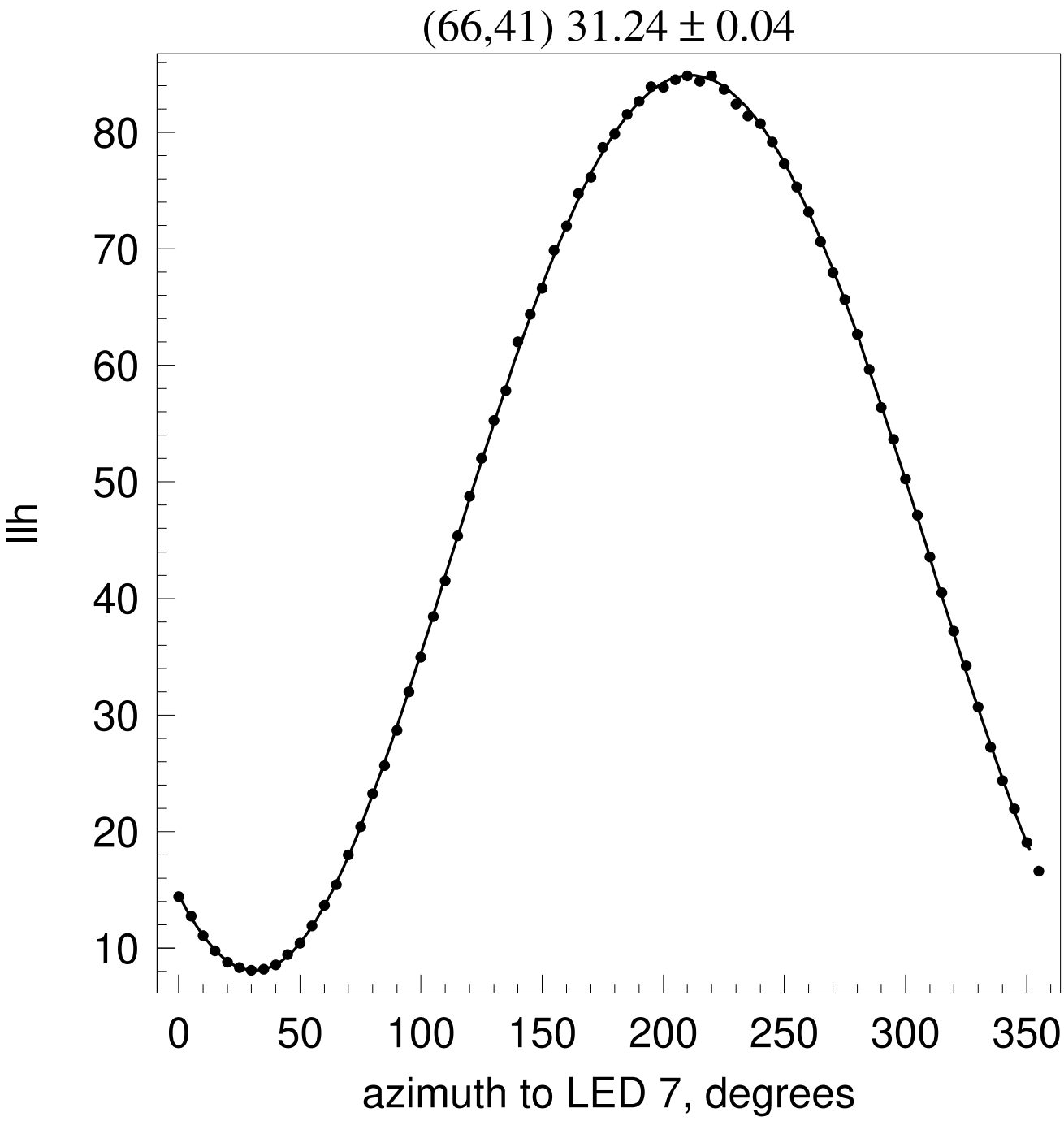

(66,36) 102.56 ± 20.69
10
9.8
9.6
9.4
9.2
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

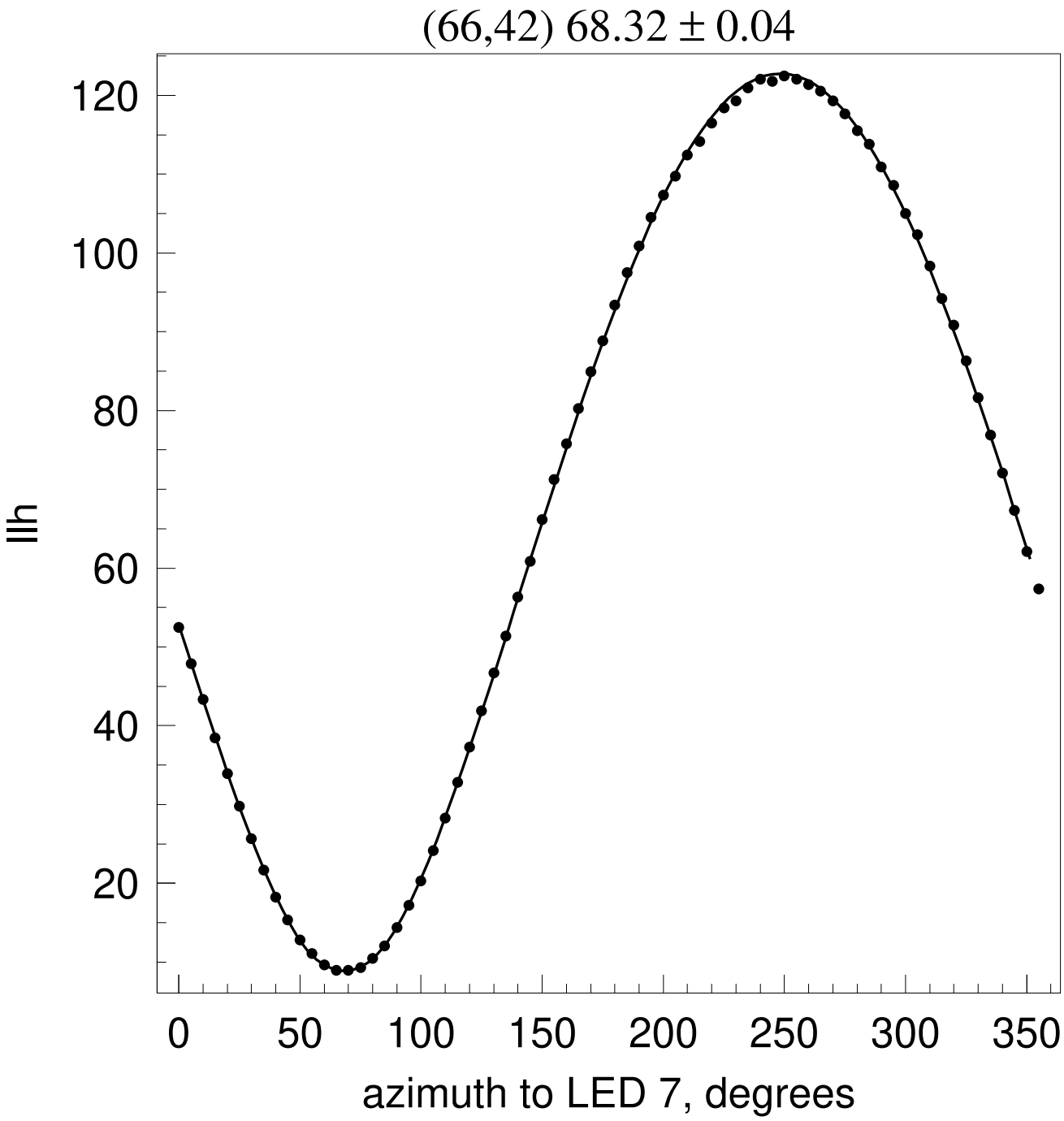

(66,37) 123.03 ± 21.25
10.4
10.2
10
9.8
9.6
9.4
9.2
9
8.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

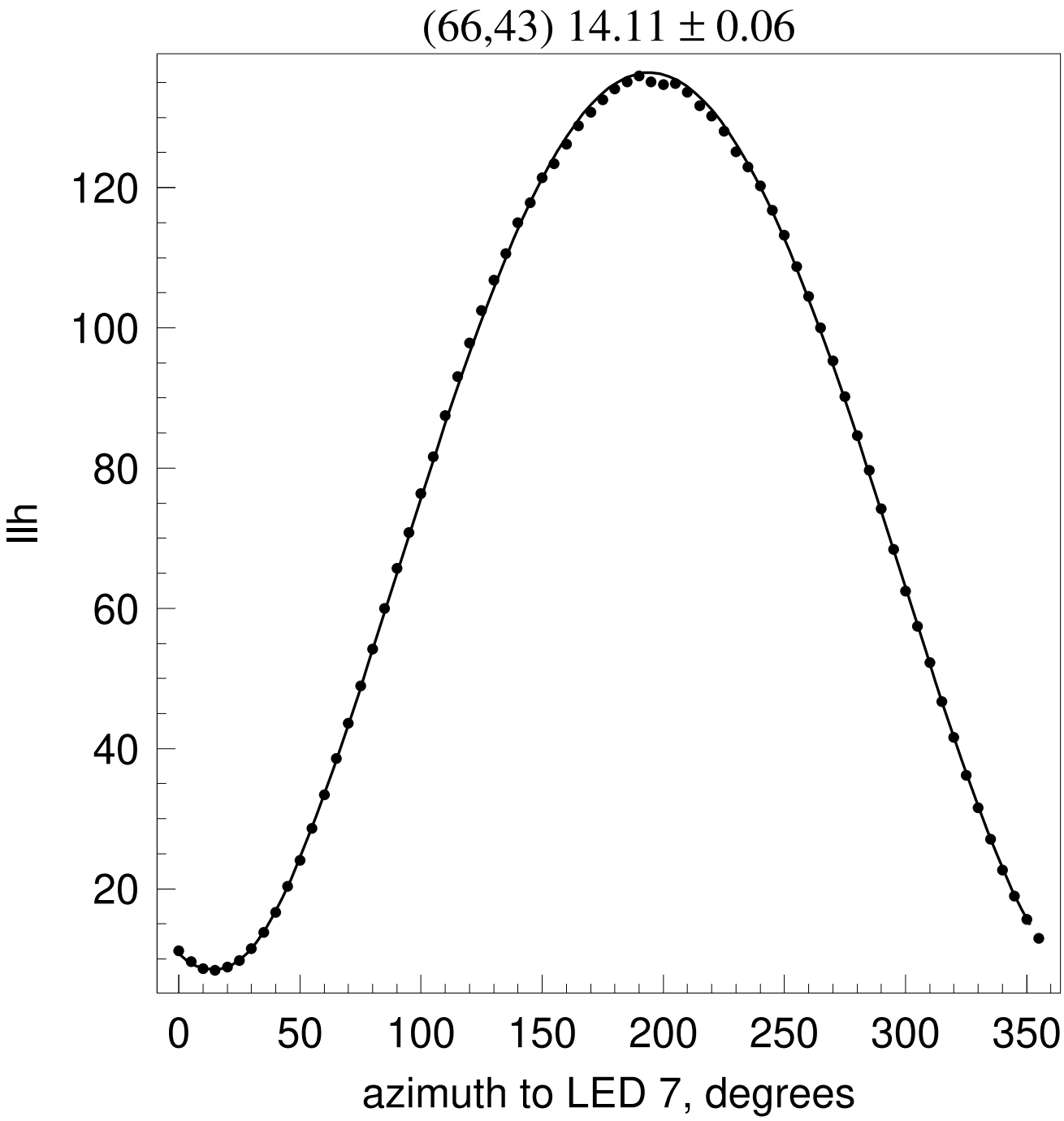

(66,38) 42.96 ± 1.21
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

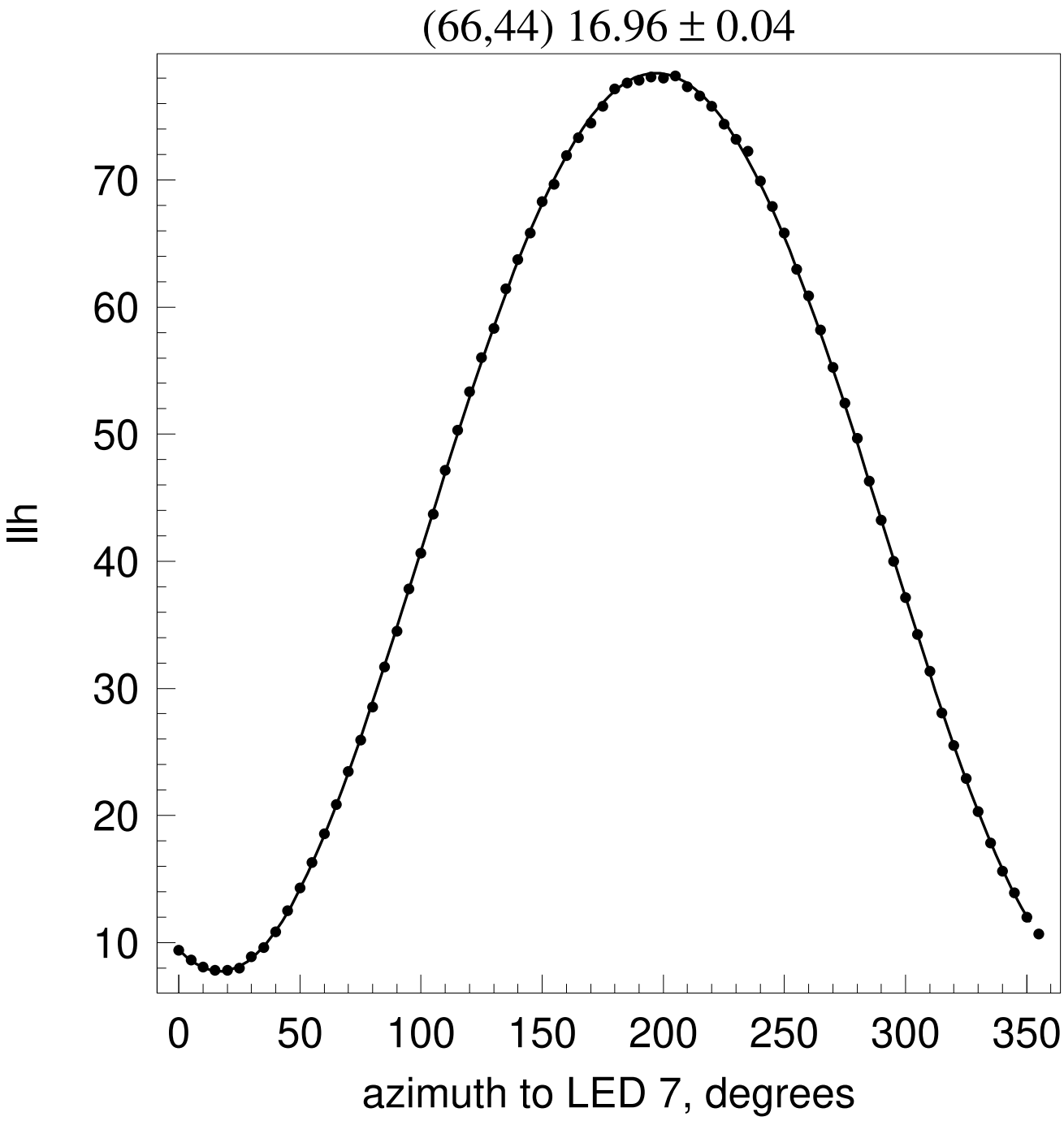

(66,39) 358.93 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

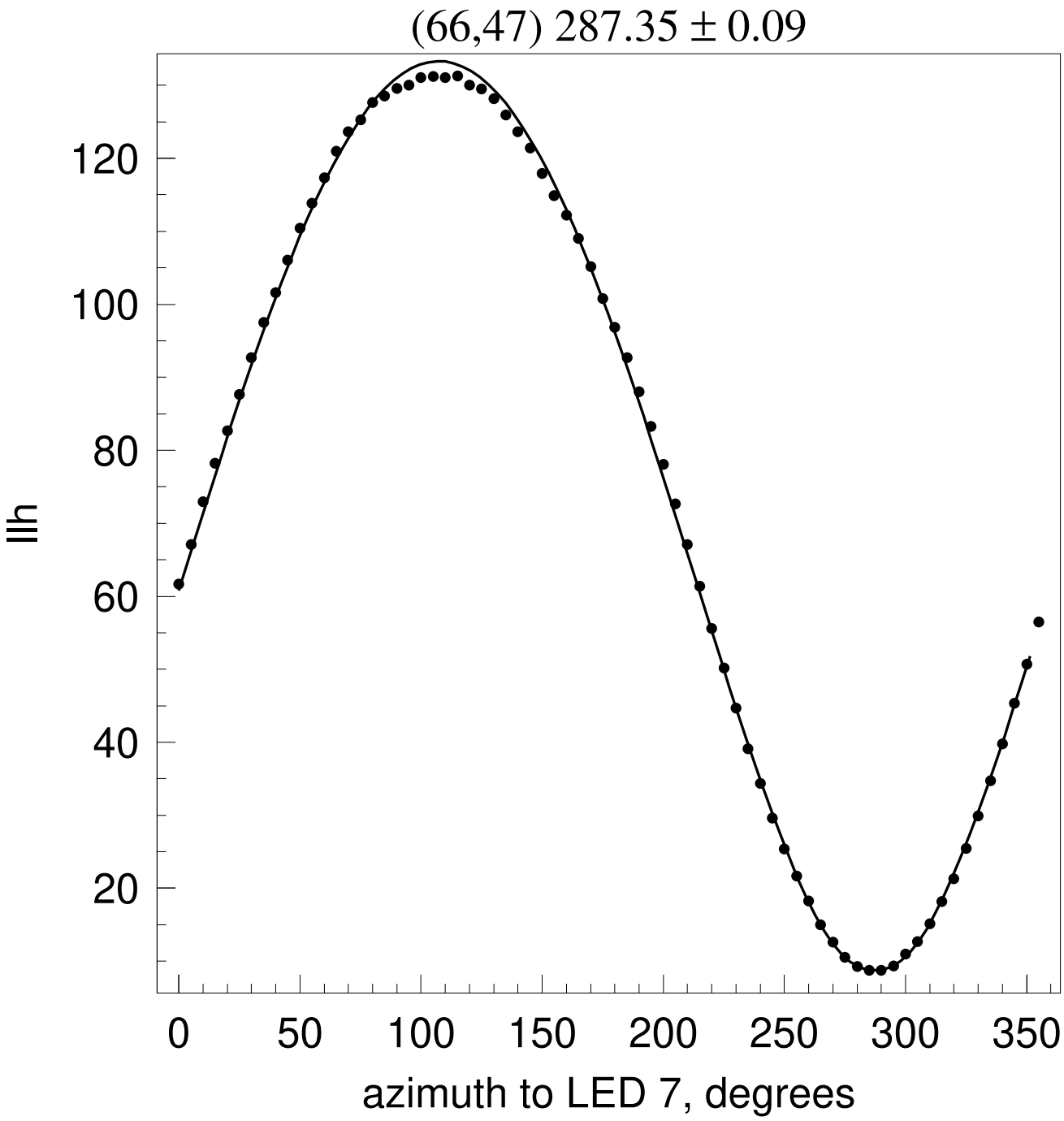

(66,40) 276.57 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

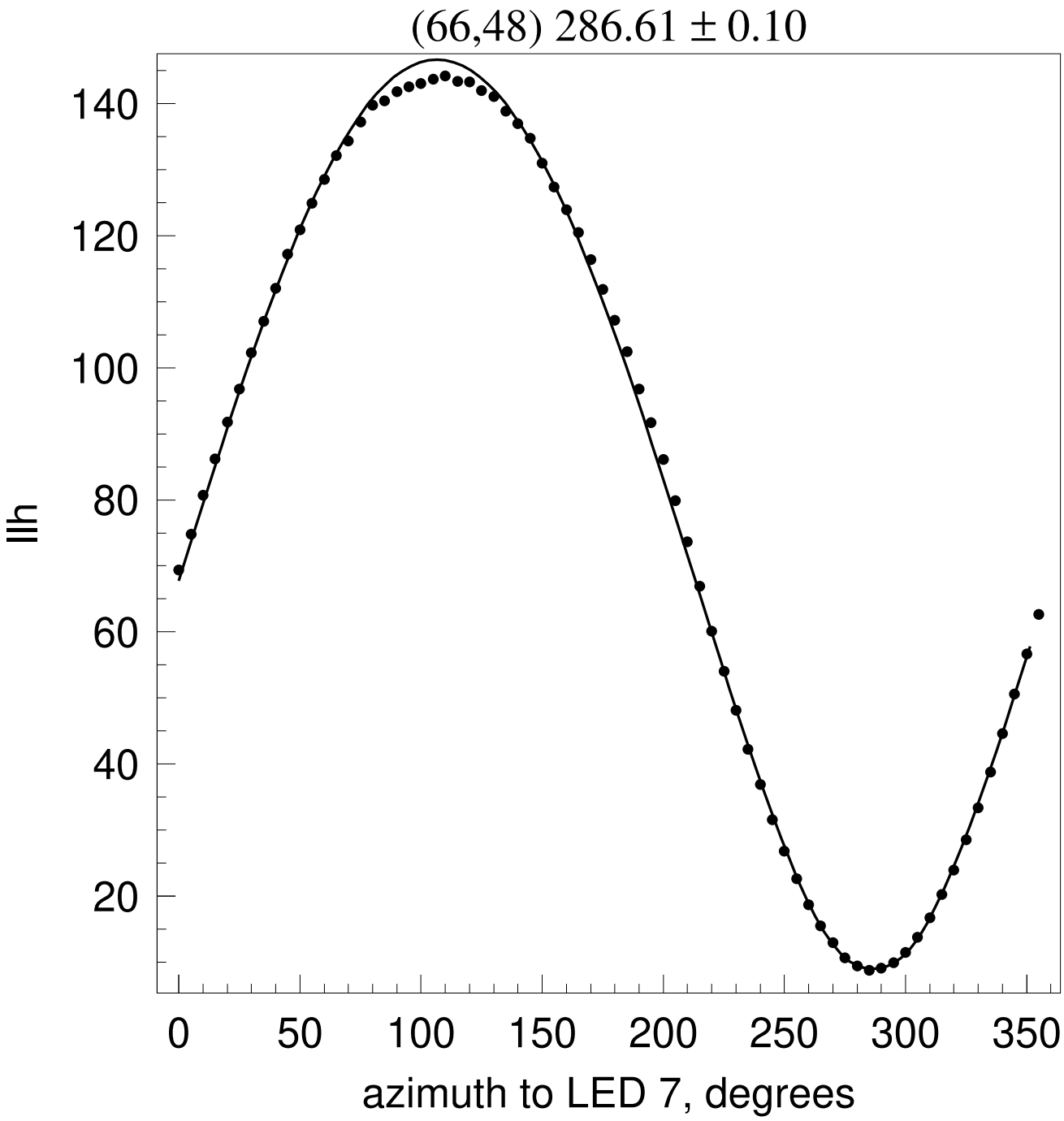

(66,41) 31.24 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

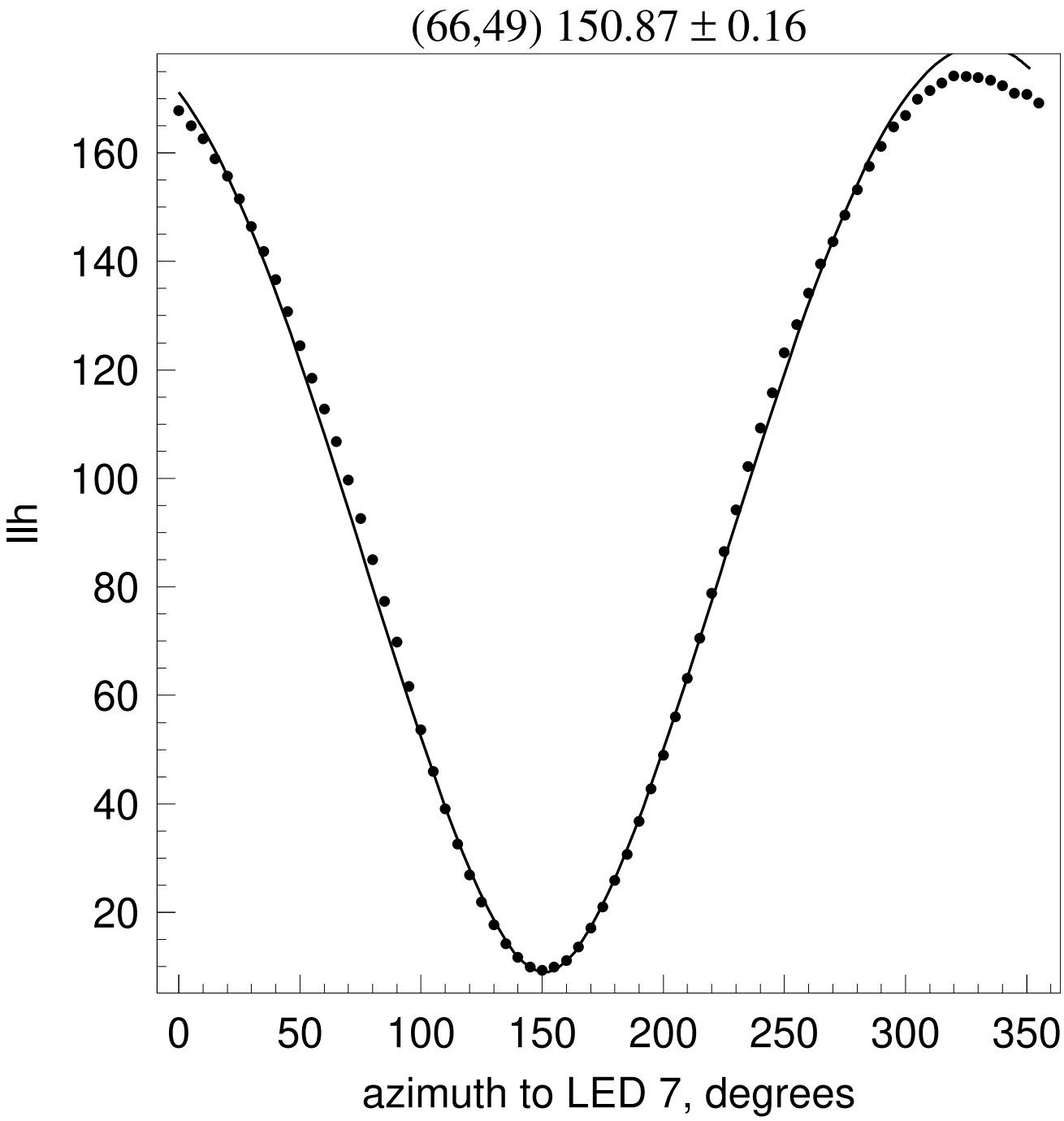

(66,42) 68.32 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

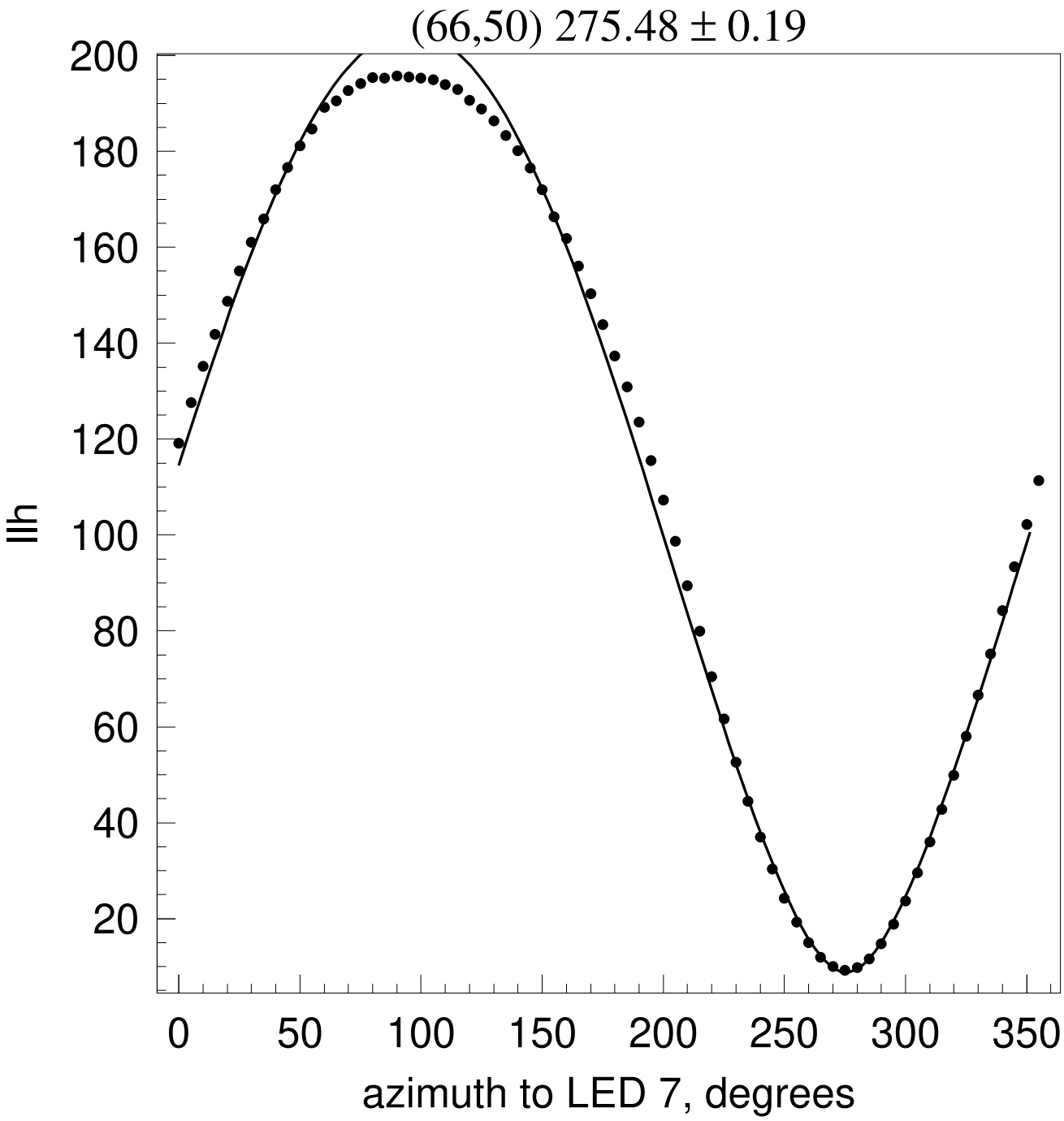

(66,43) 14.11 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

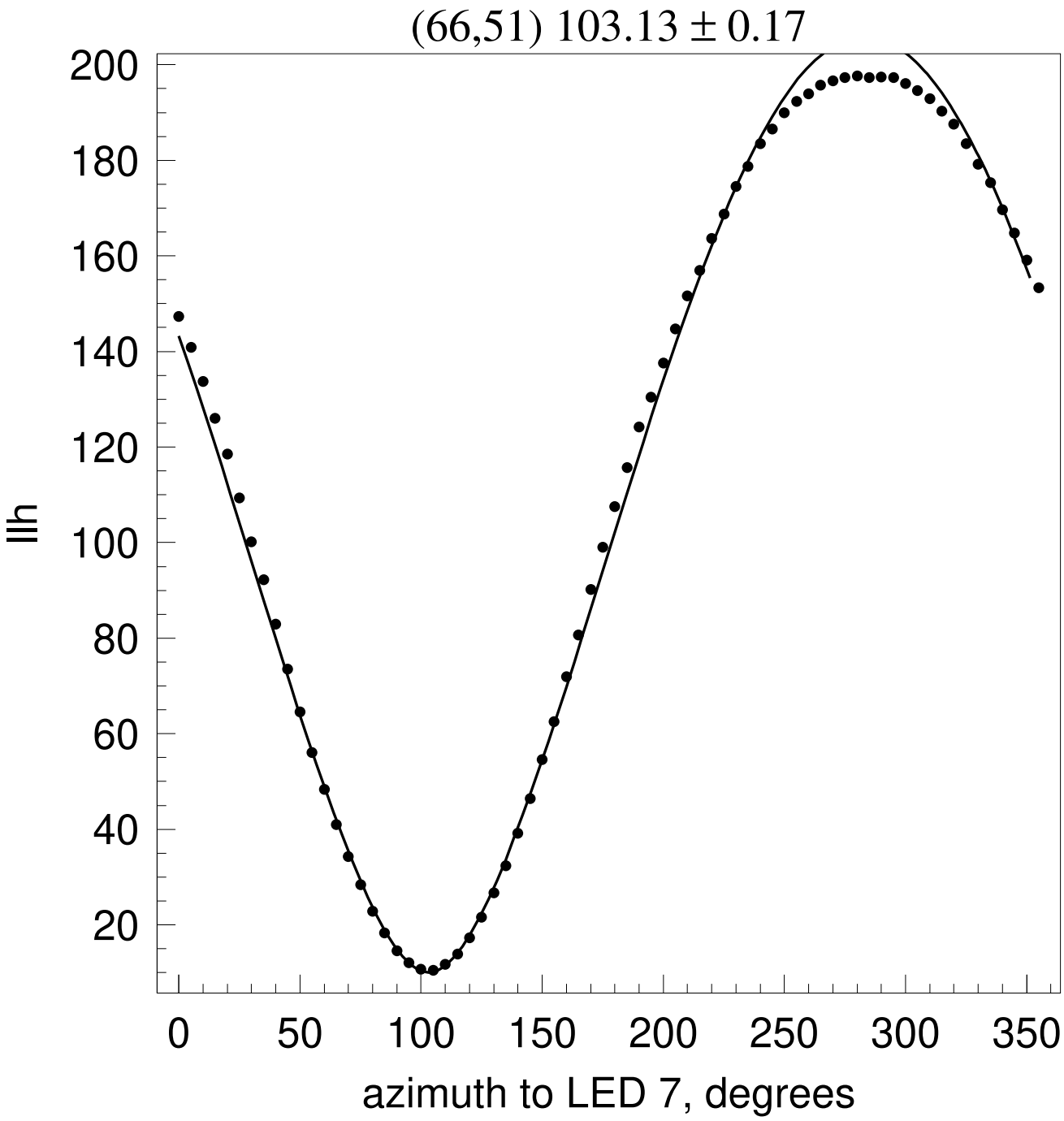

(66,44) 16.96 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

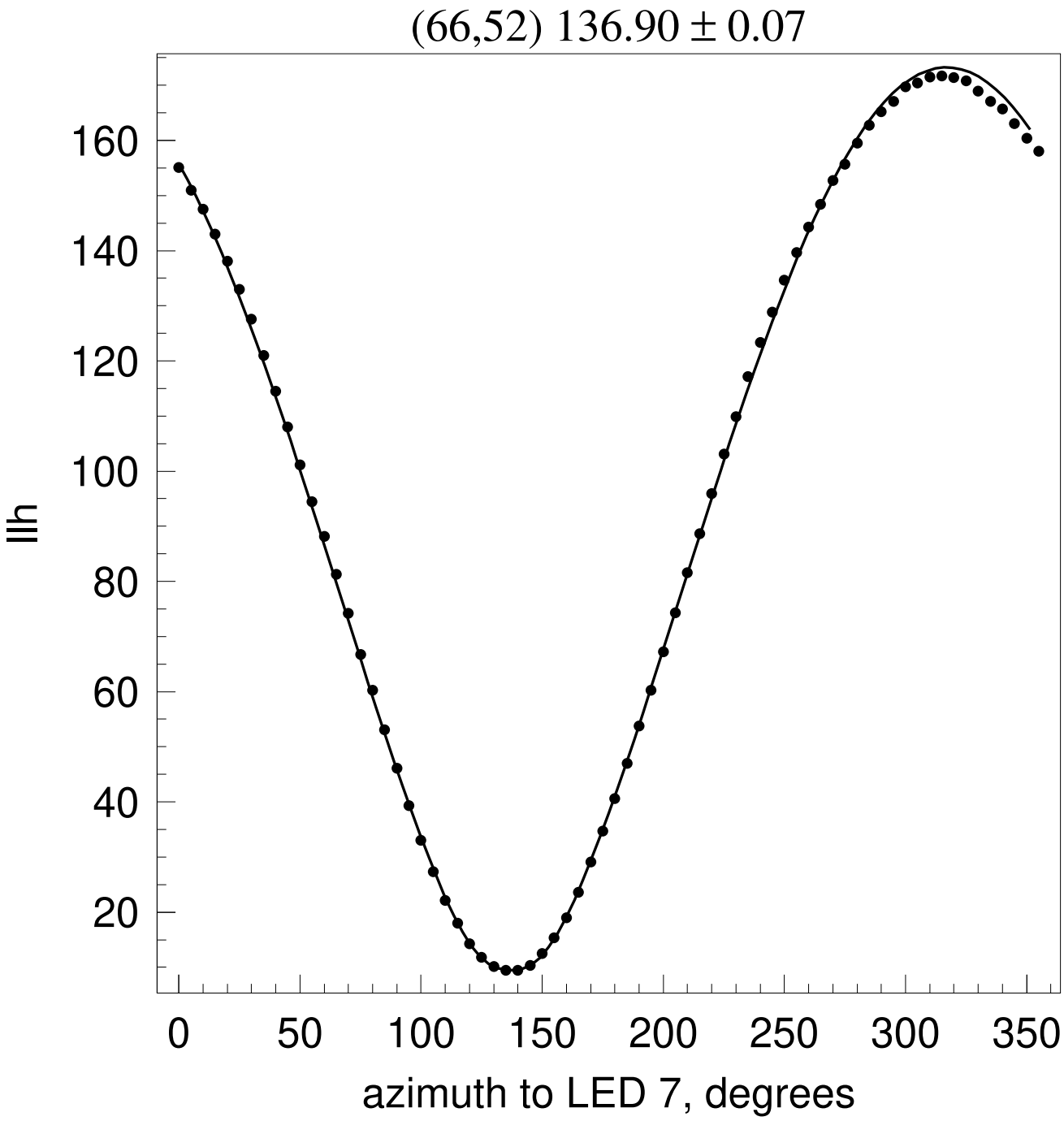

(66,47) 287.35 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

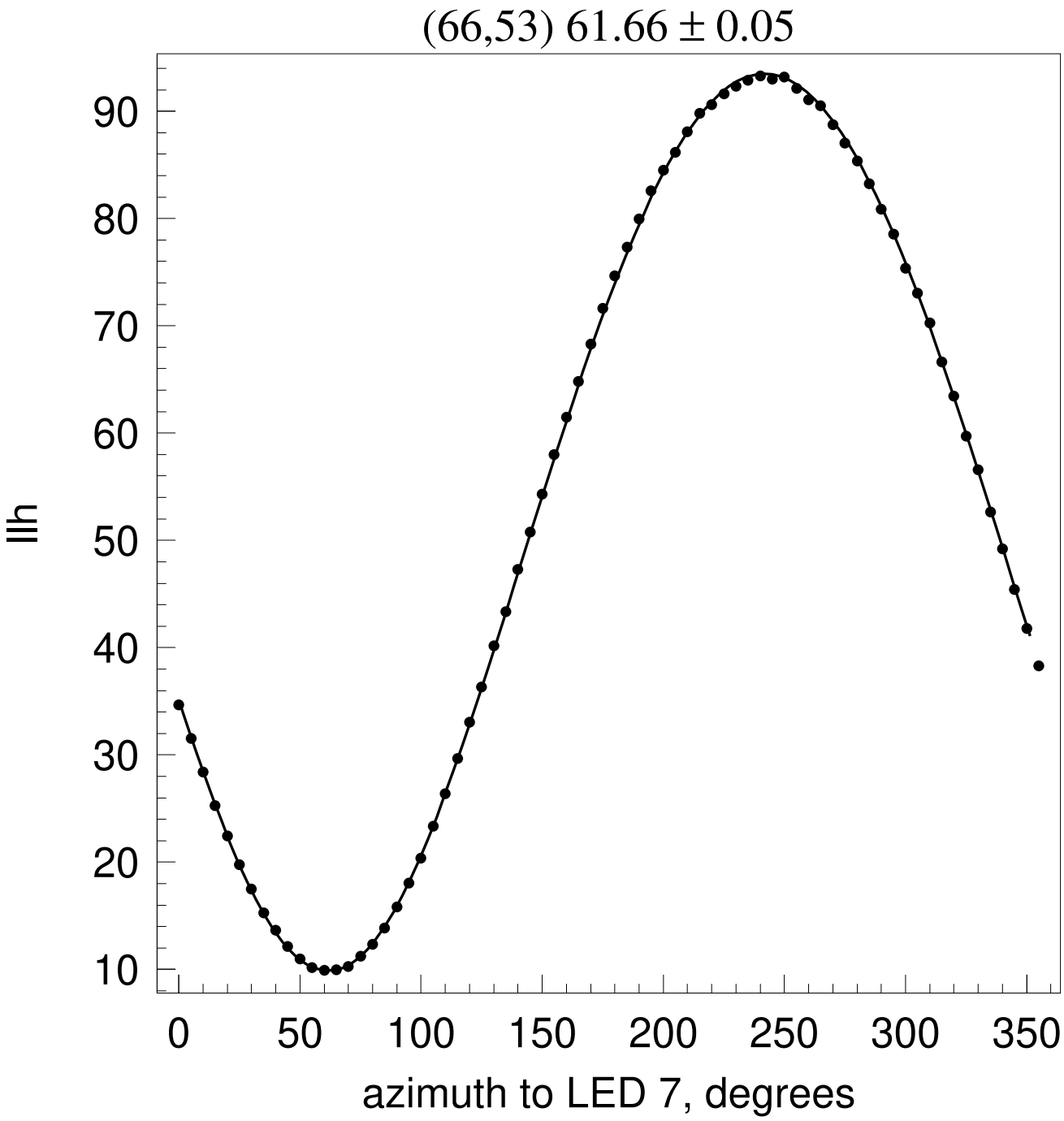

(66,48) 286.61 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

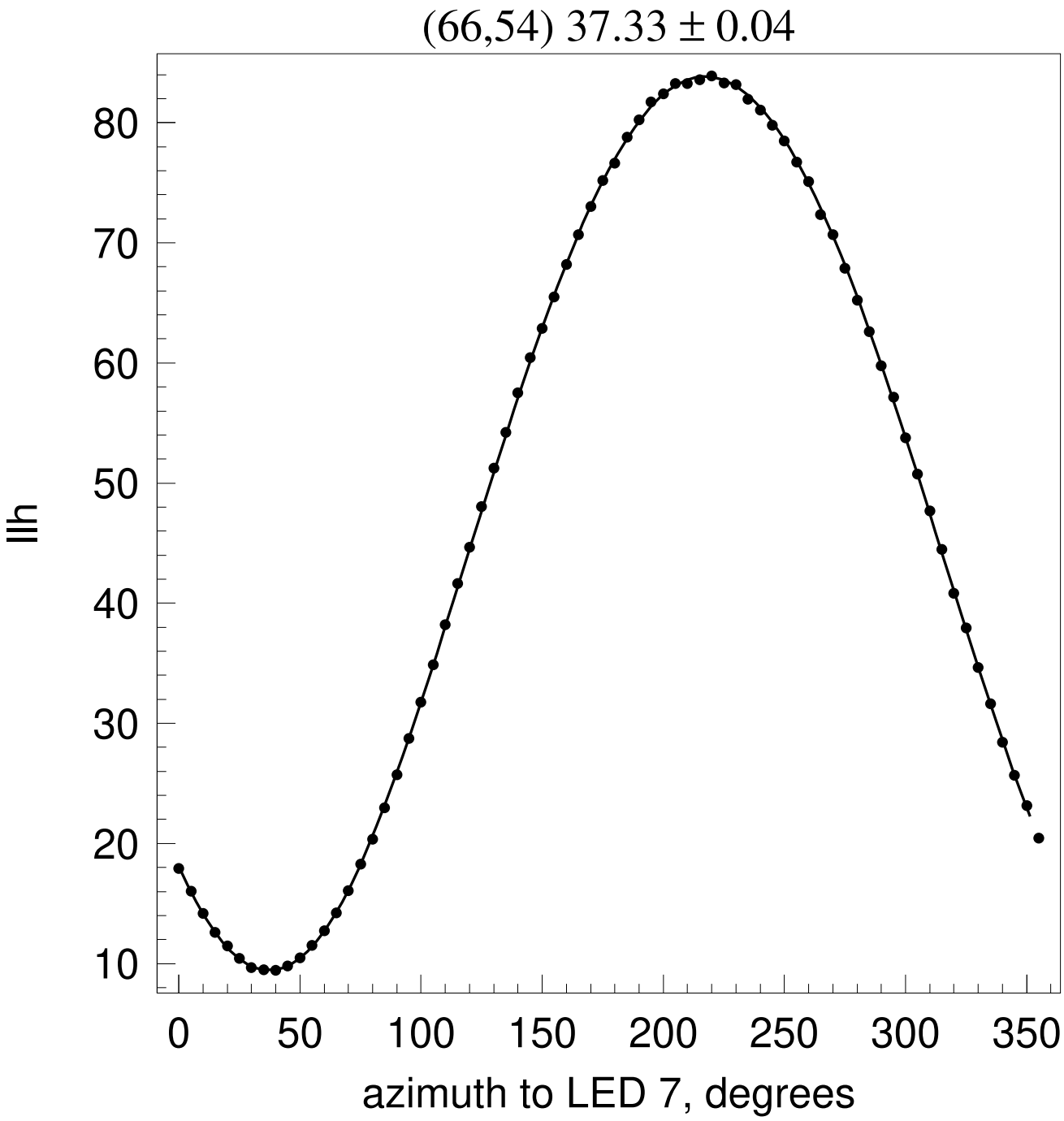

(66,49) 150.87 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

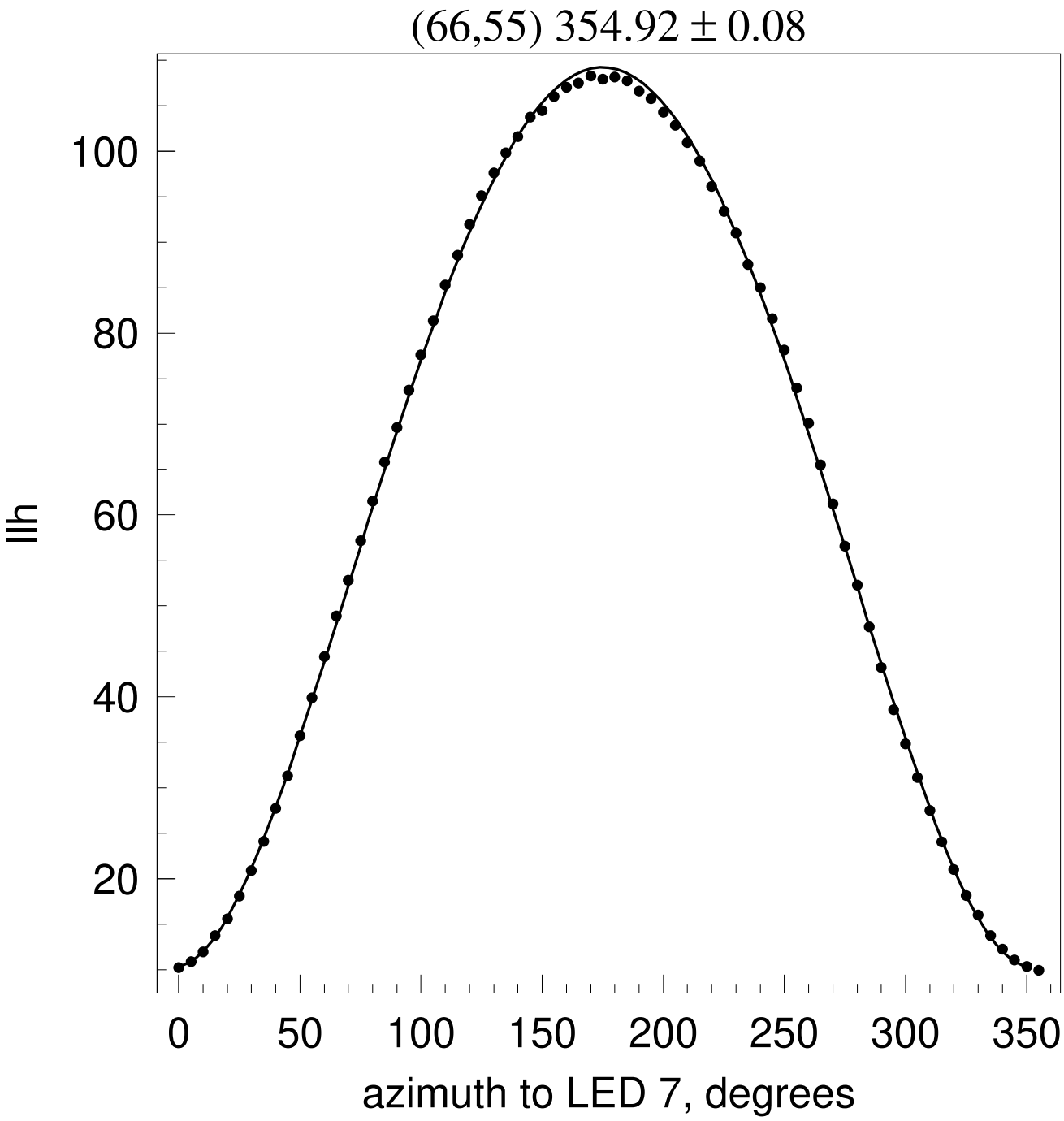

(66,50) 275.48 ± 0.19
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

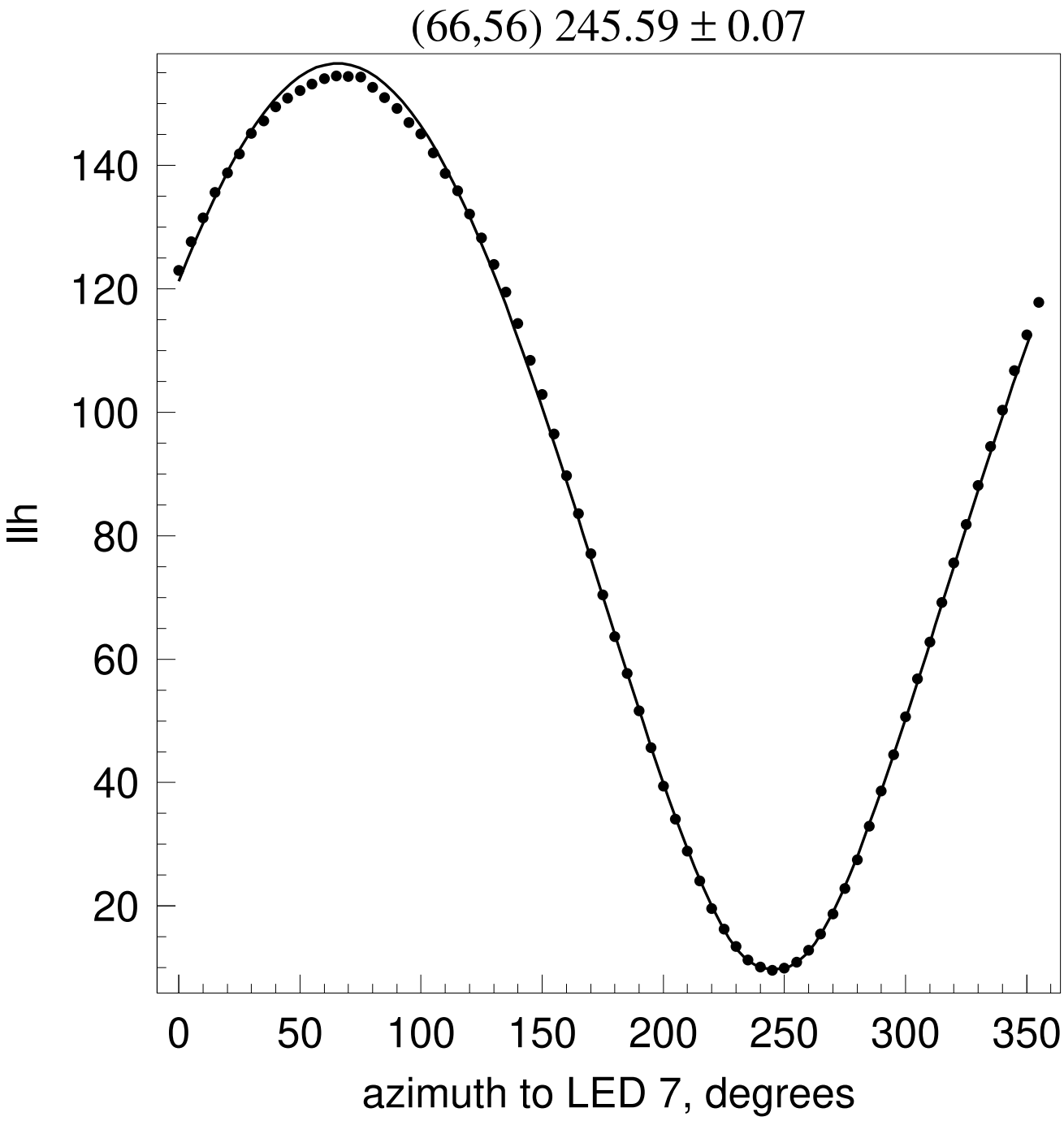

(66,51) 103.13 ± 0.17
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

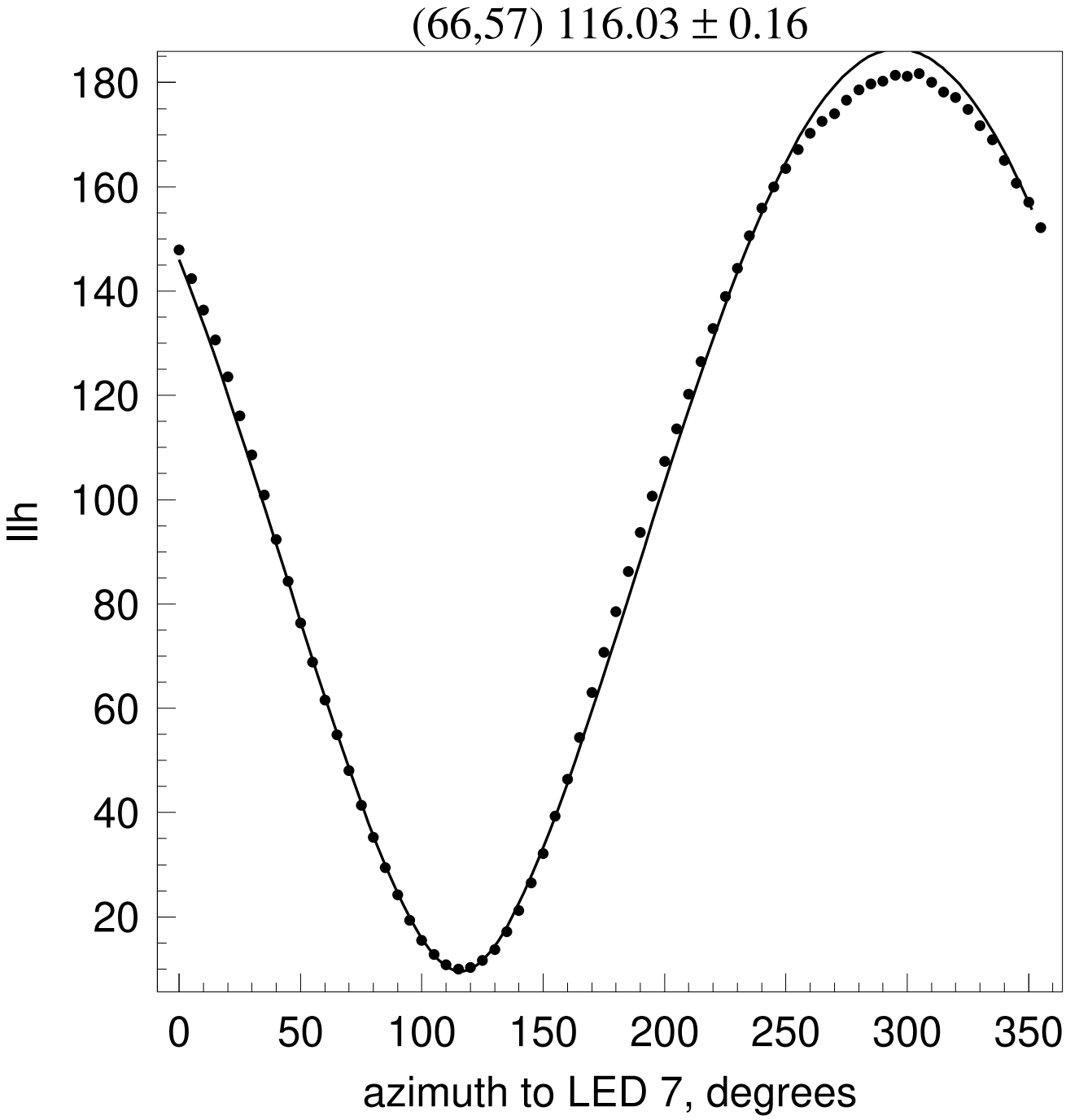

(66,52) 136.90 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

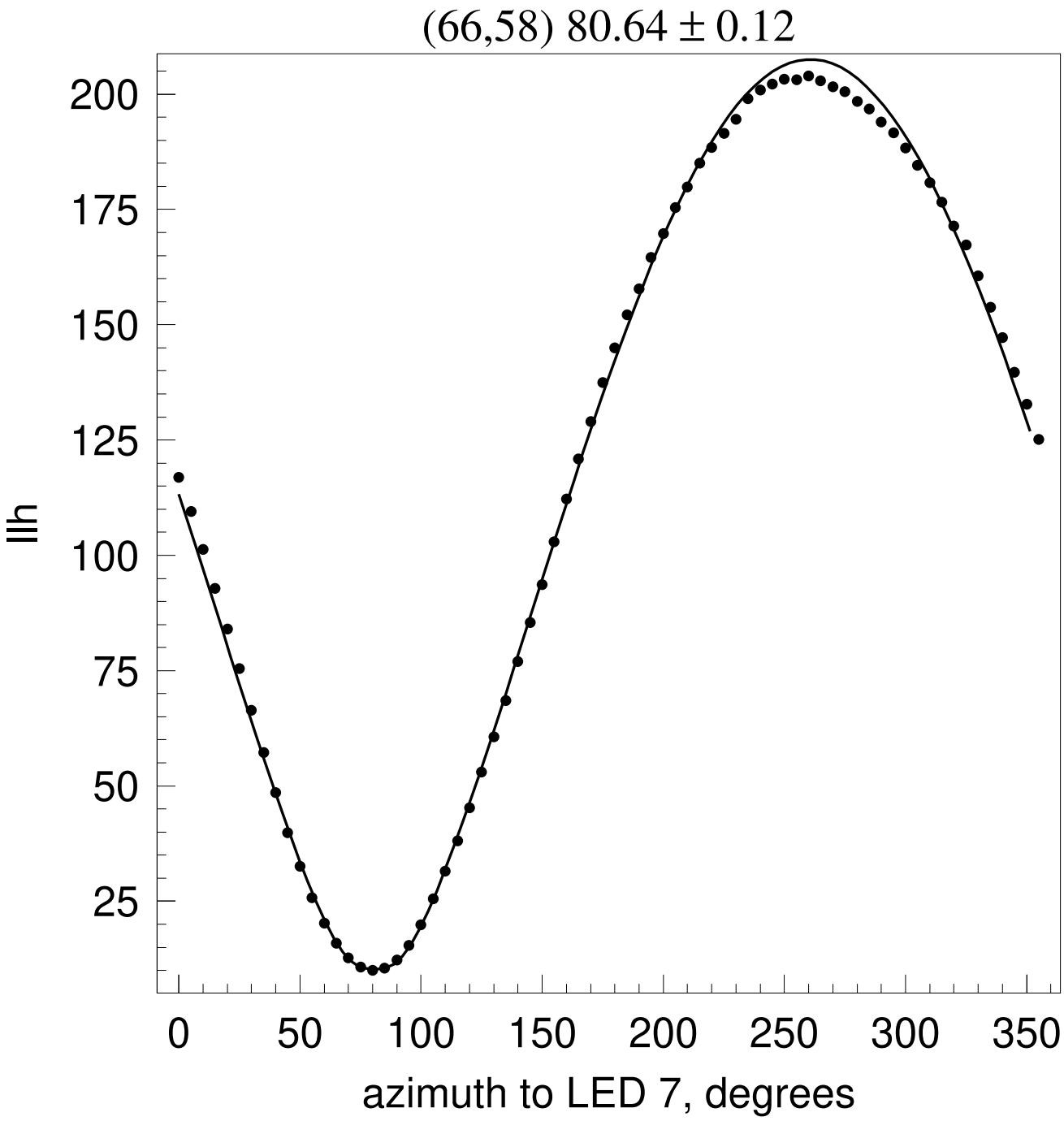

(66,53) 61.66 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

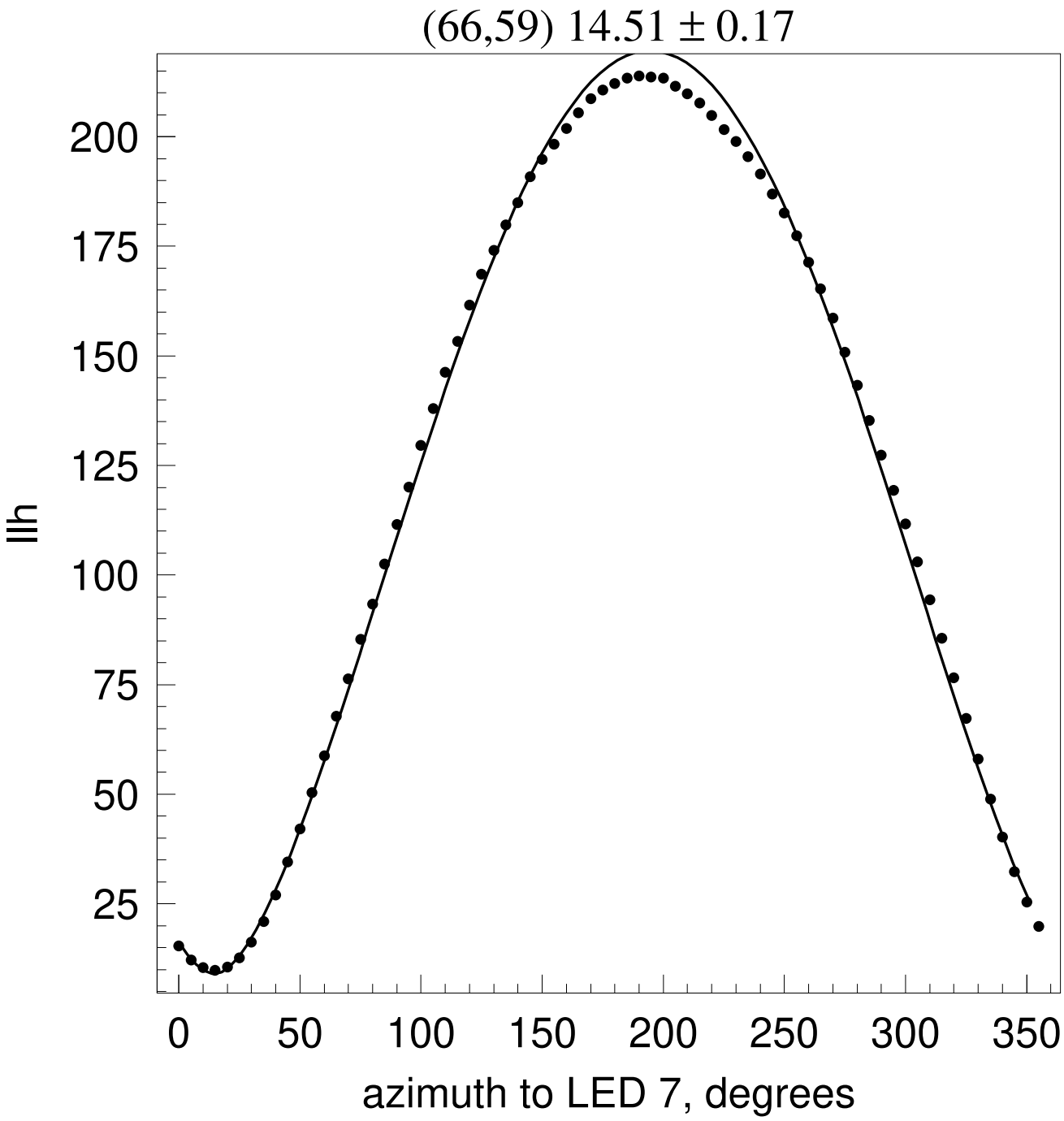

(66,54) 37.33 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

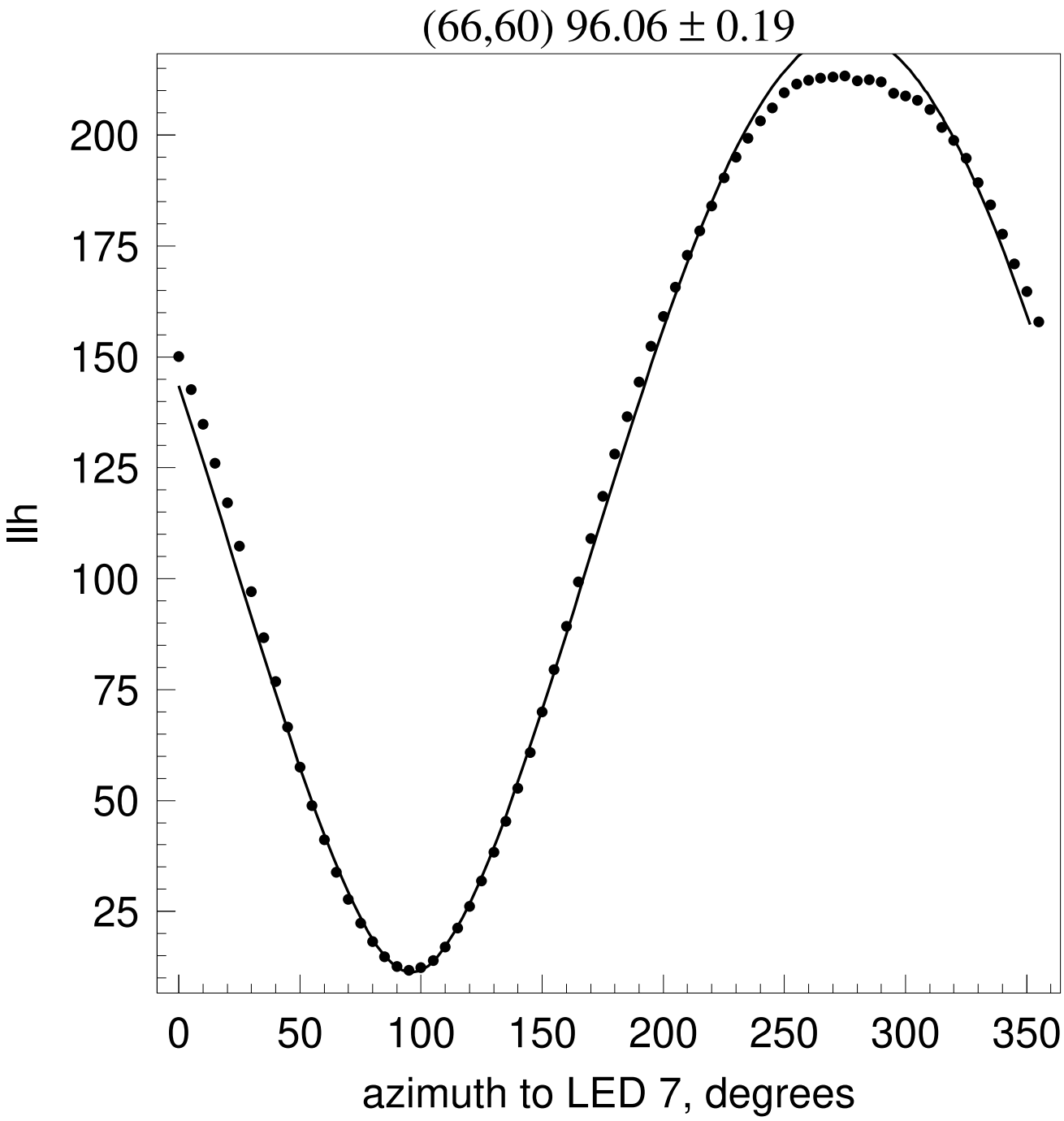

(66,55) 354.92 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

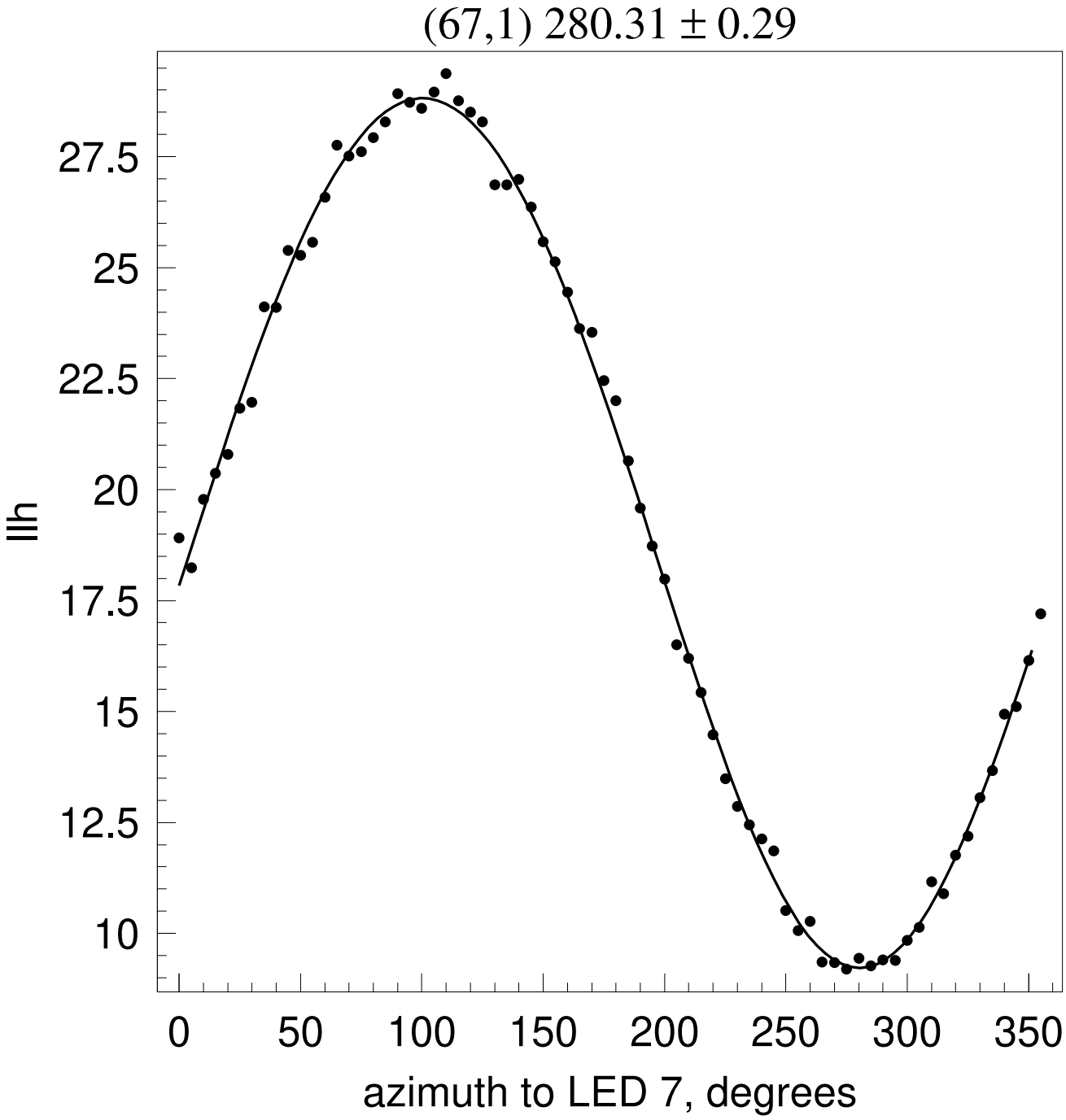

(66,56) 245.59 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

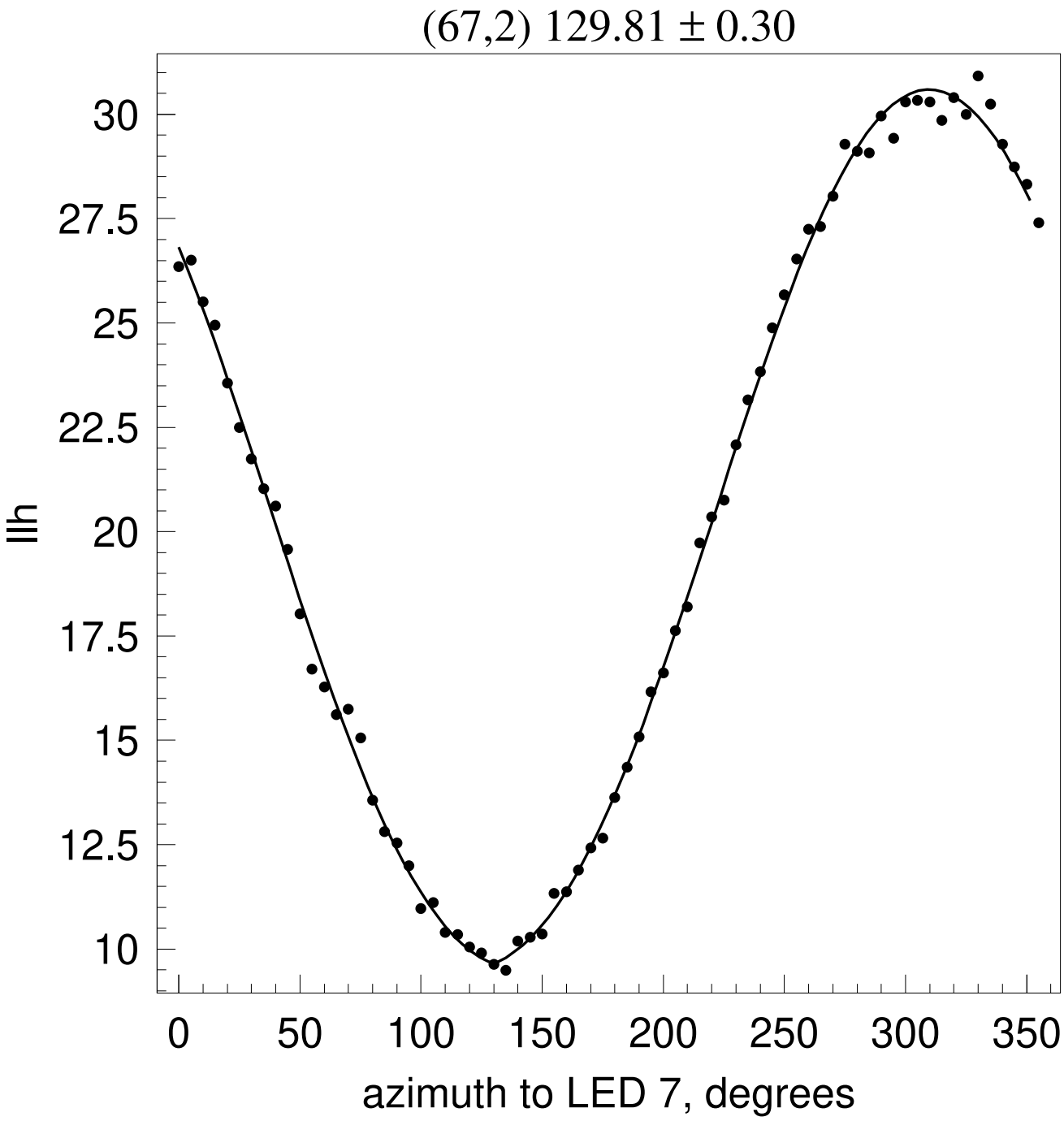

(66,57) 116.03 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

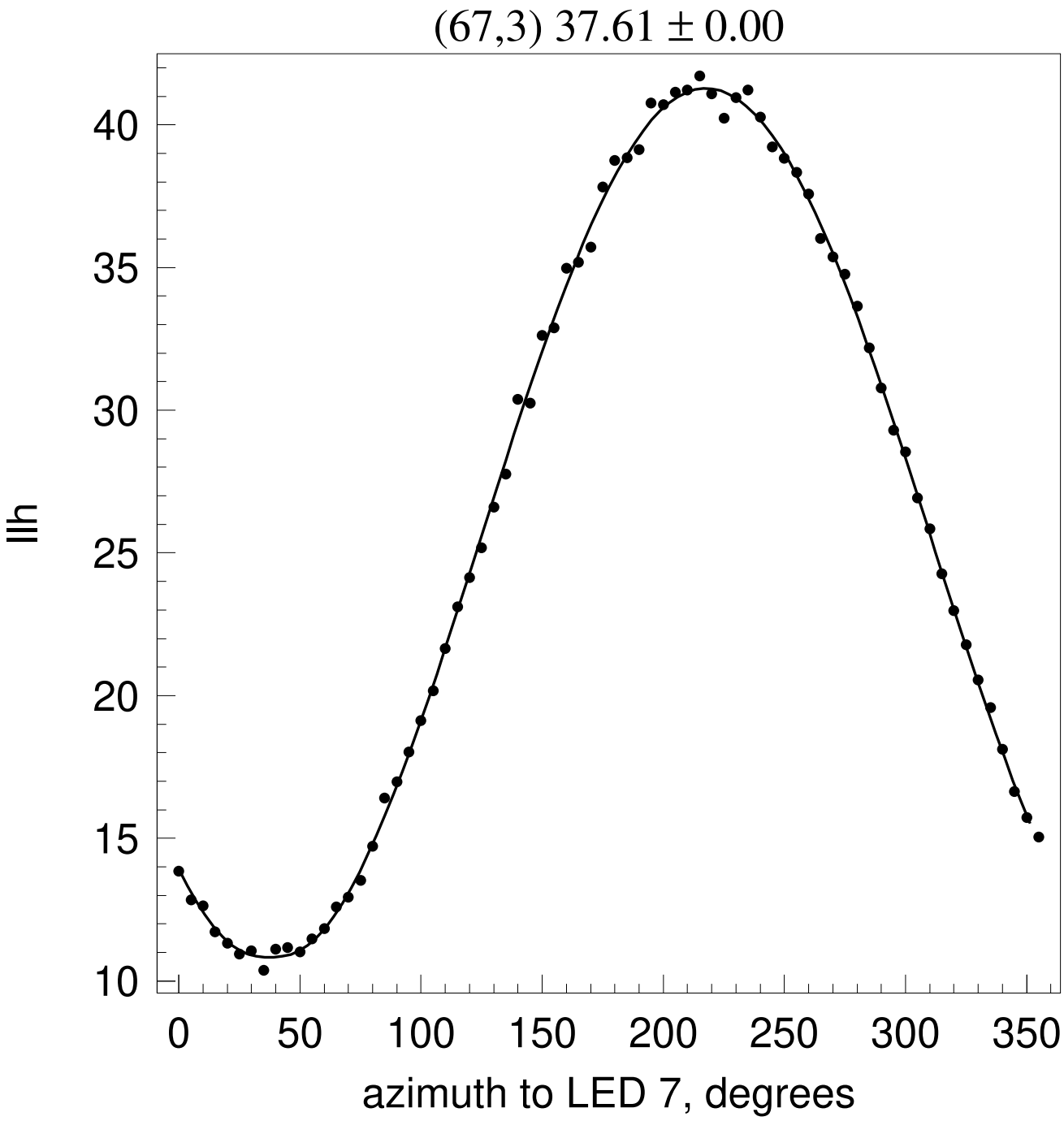

(66,58) 80.64 ± 0.12
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

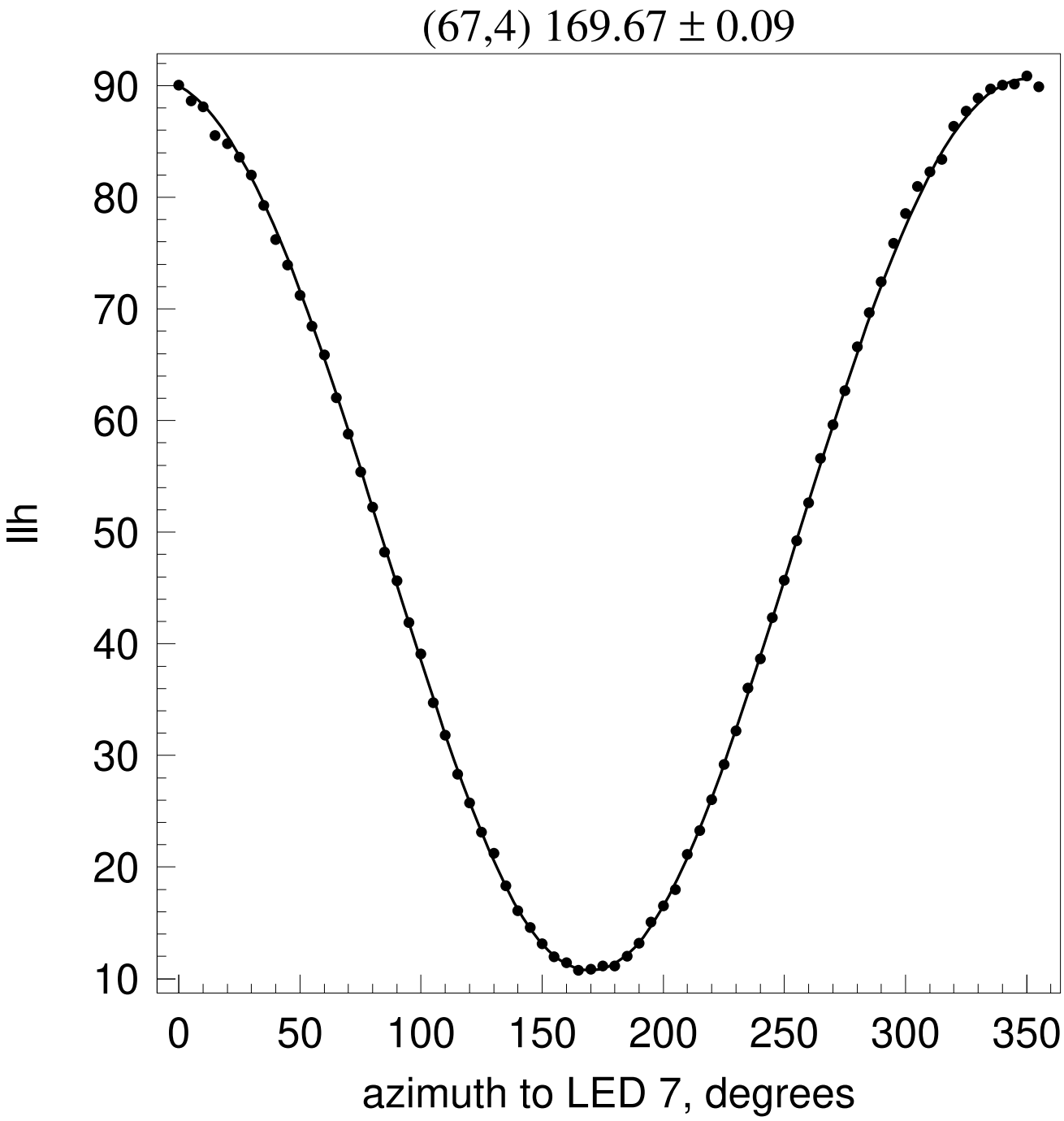

(66,59) 14.51 ± 0.17
llh
200
175
150
125
100
75
50
25
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

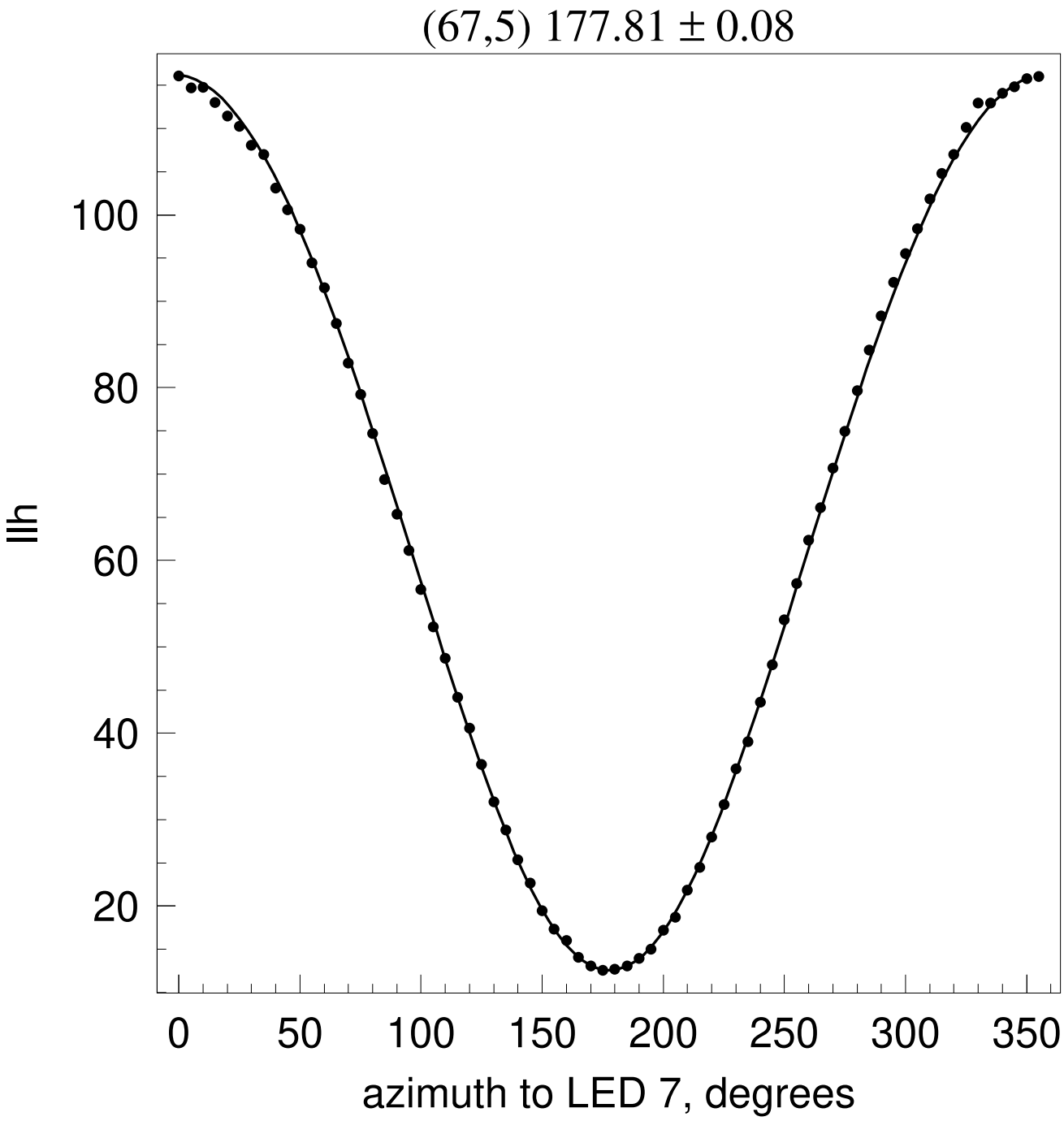

(66,60) 96.06 ± 0.19
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

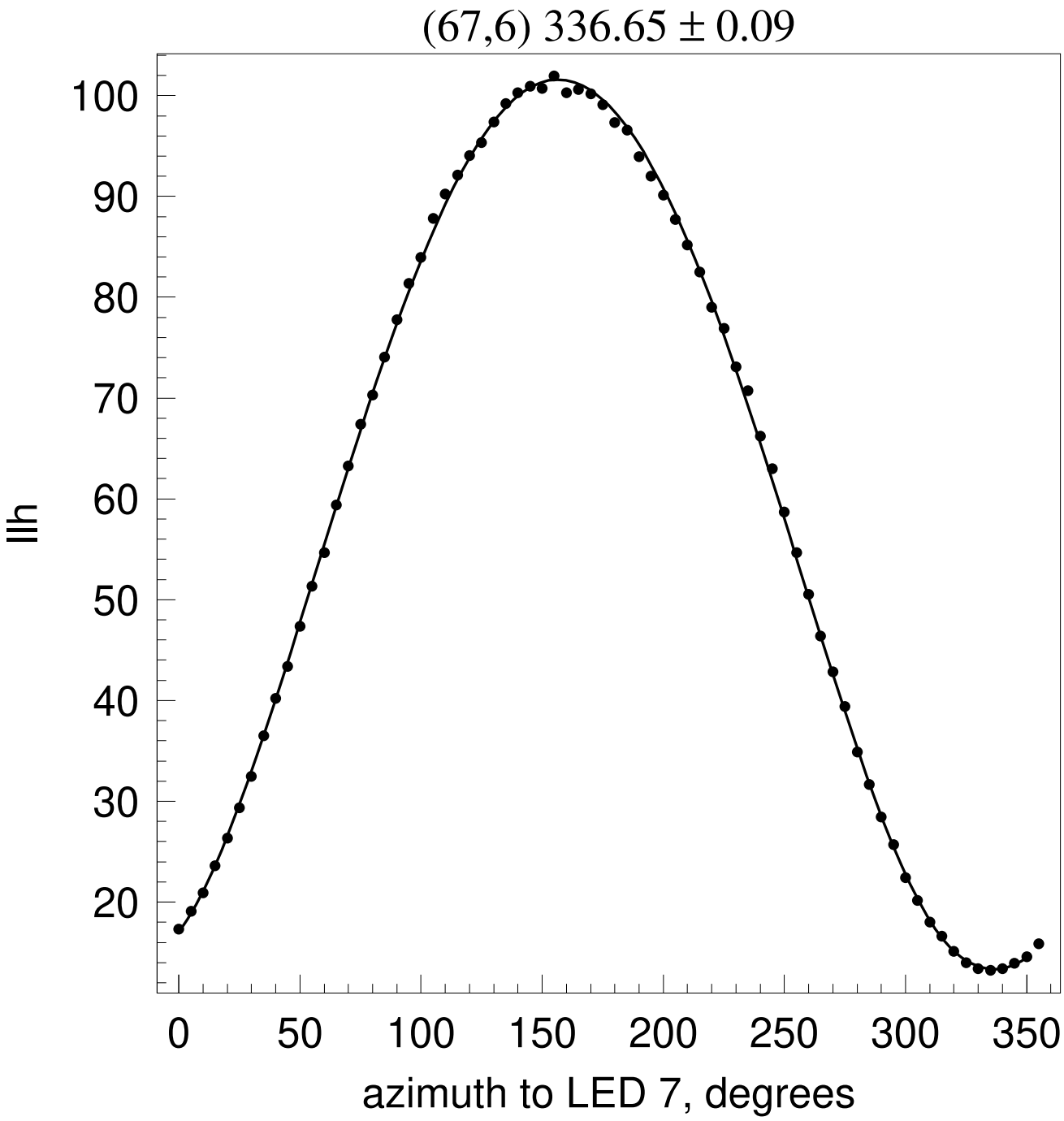

(67,1) 280.31 ± 0.29
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

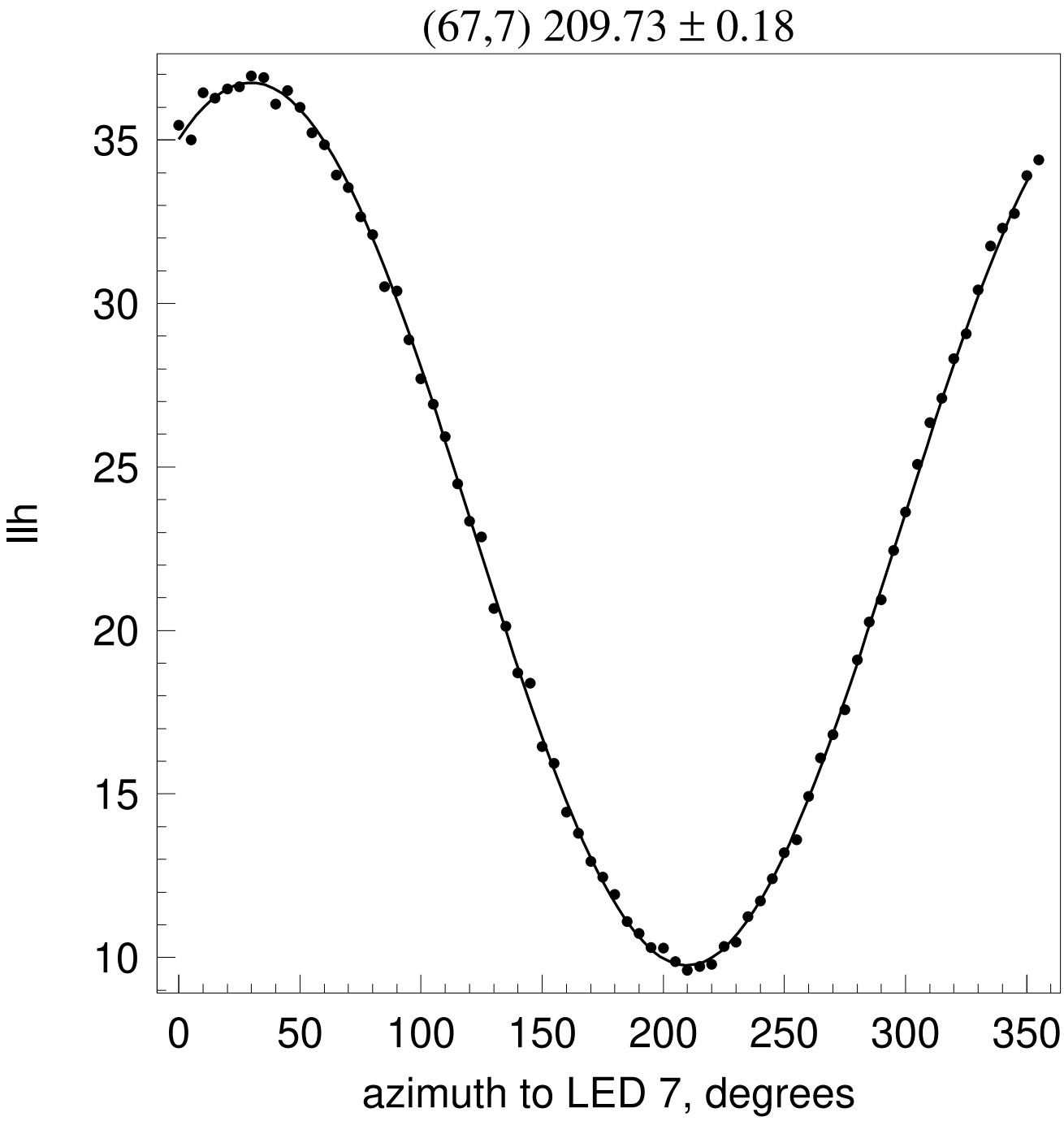

(67,2) 129.81 ± 0.30
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

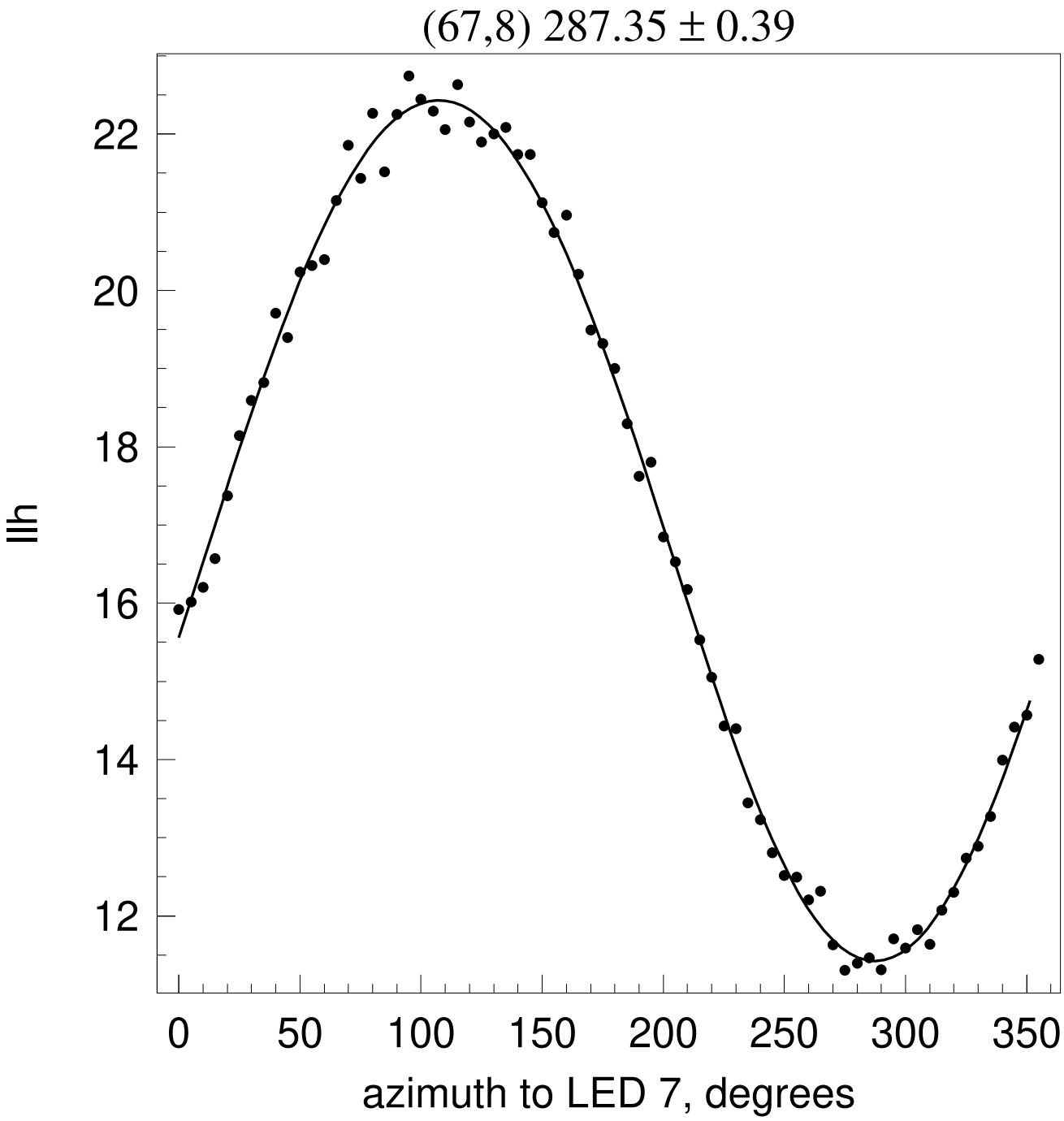

(67,3) 37.61 ± 0.00
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

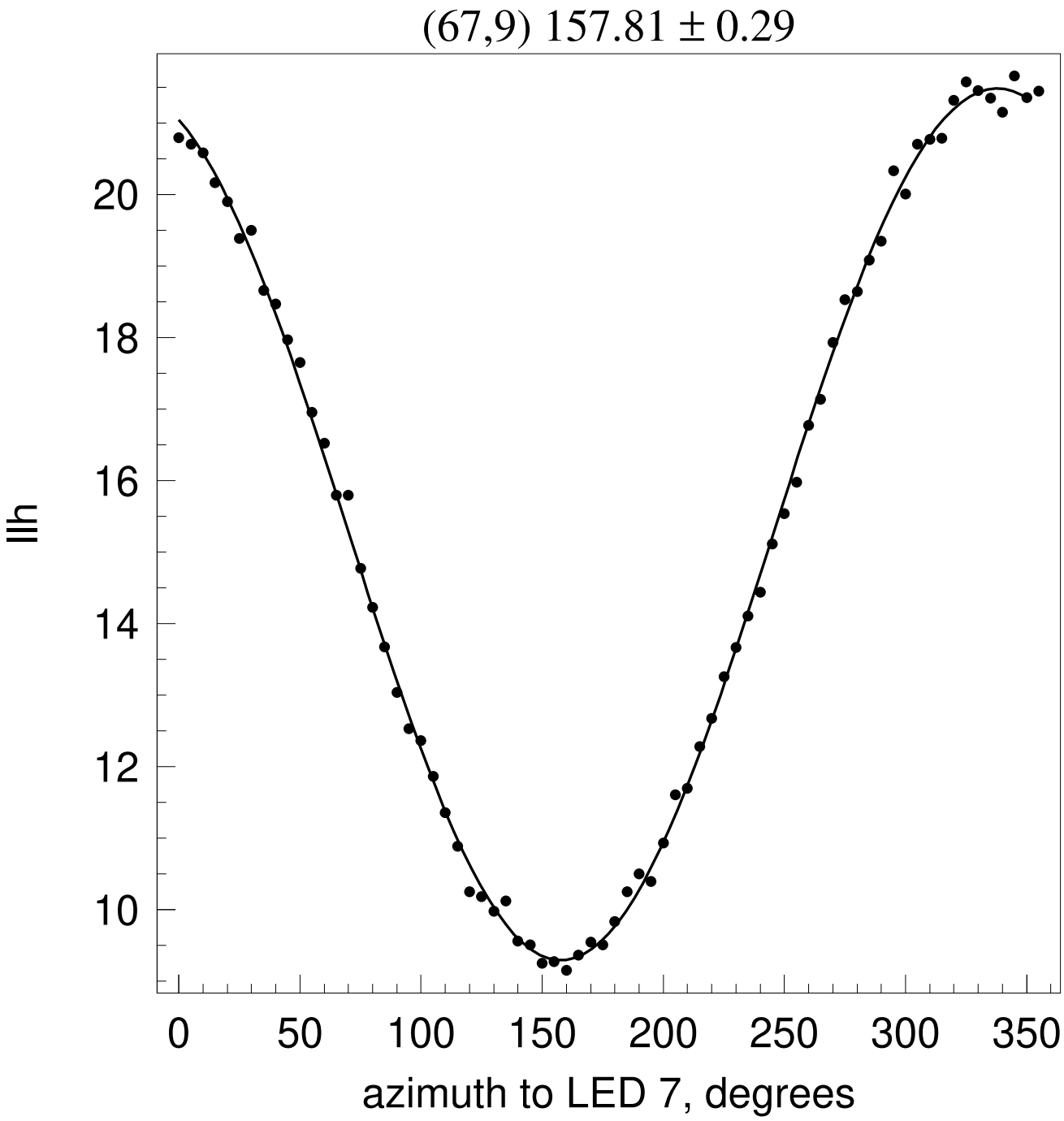

(67,4) 169.67 ± 0.09
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

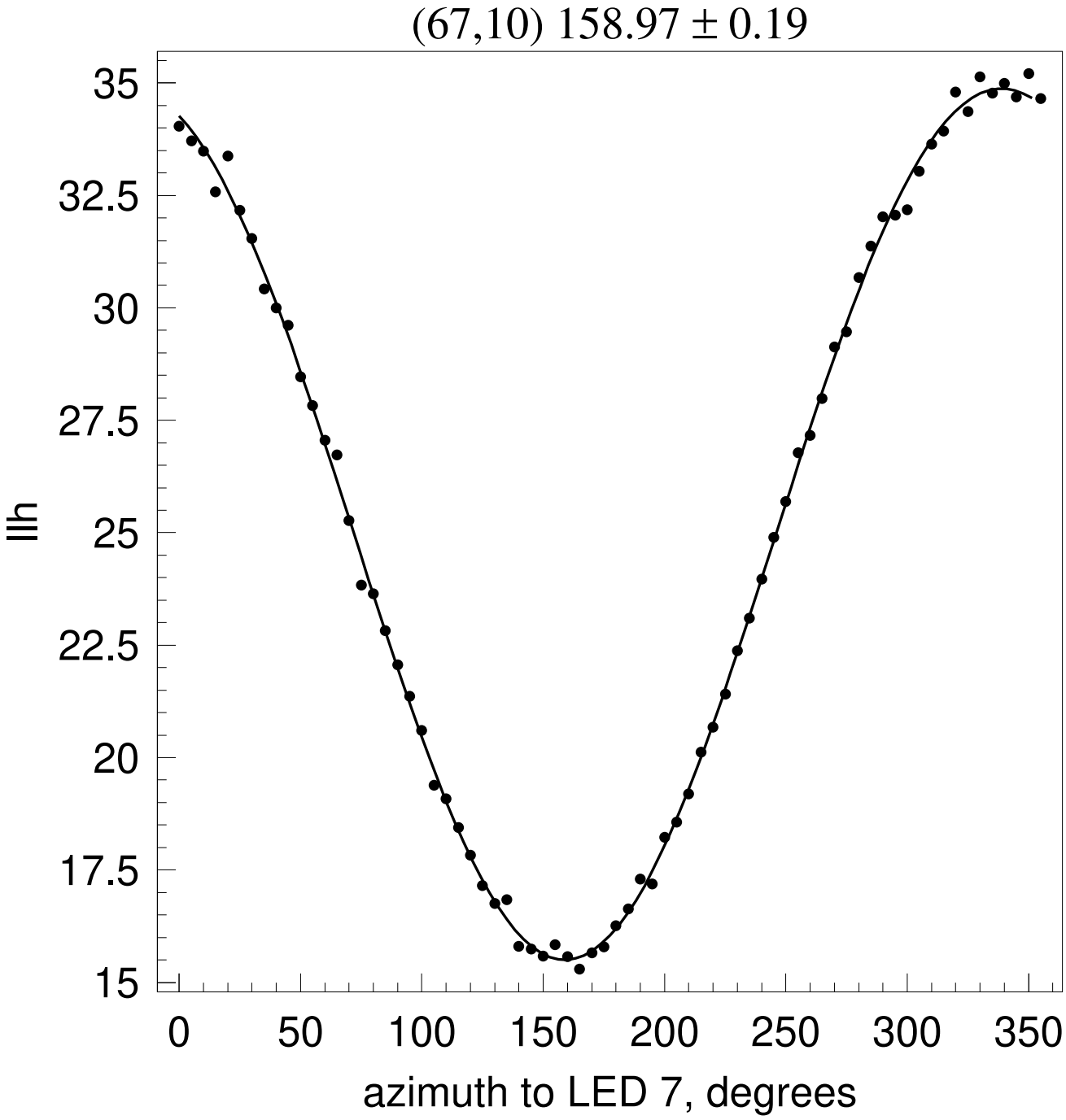

(67,5) 177.81 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

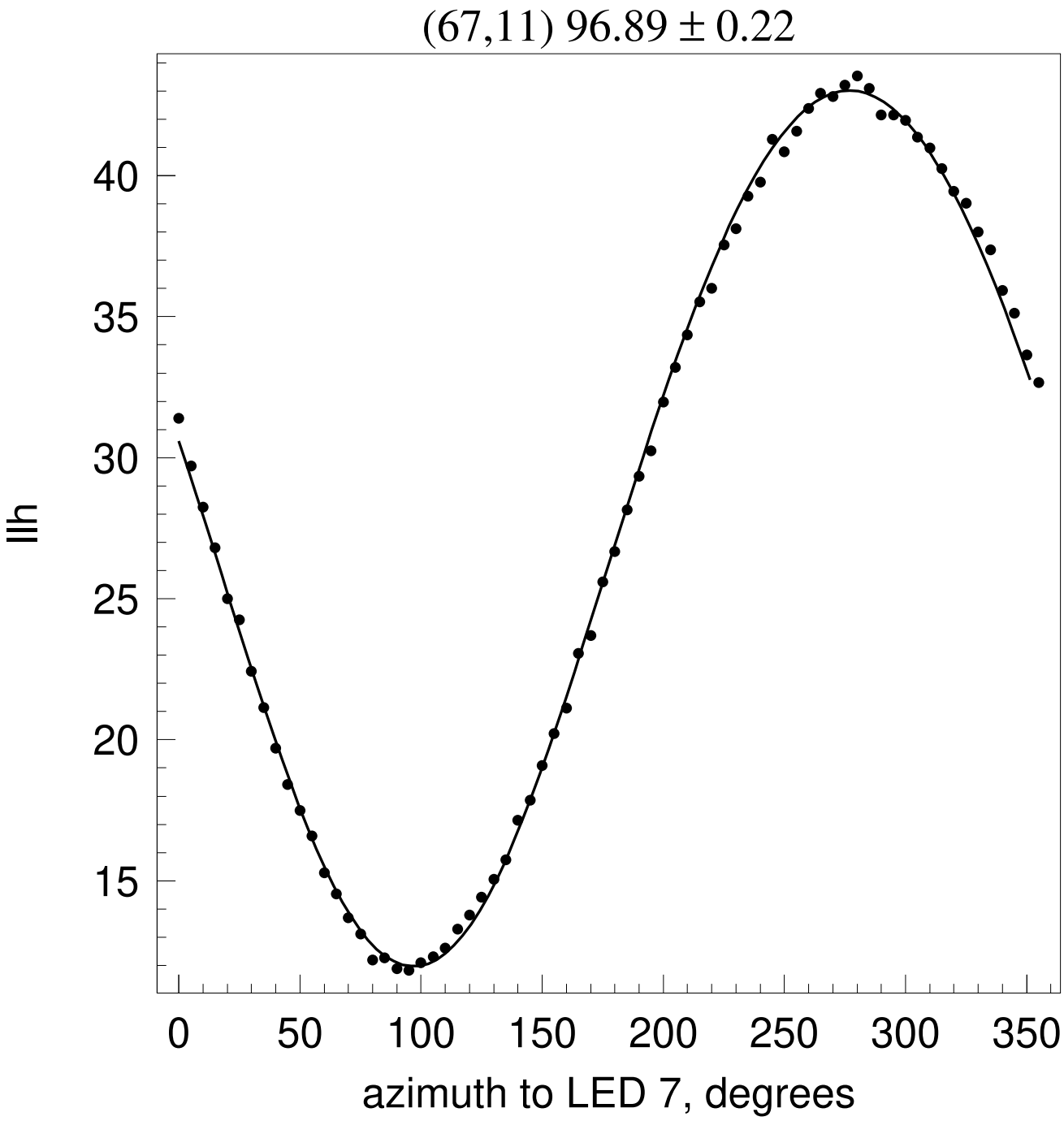

(67,6) 336.65 ± 0.09
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

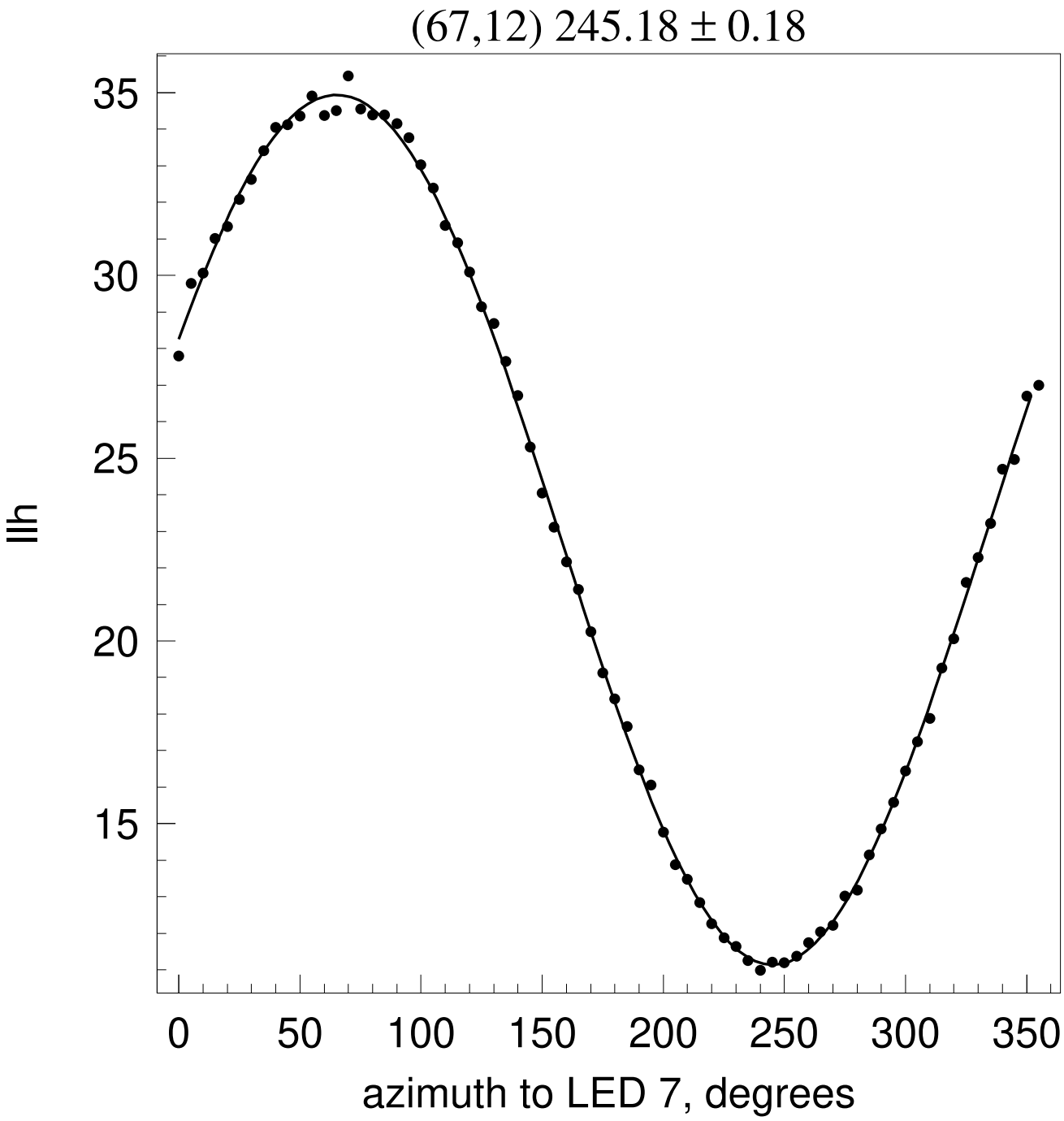

(67,7) 209.73 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

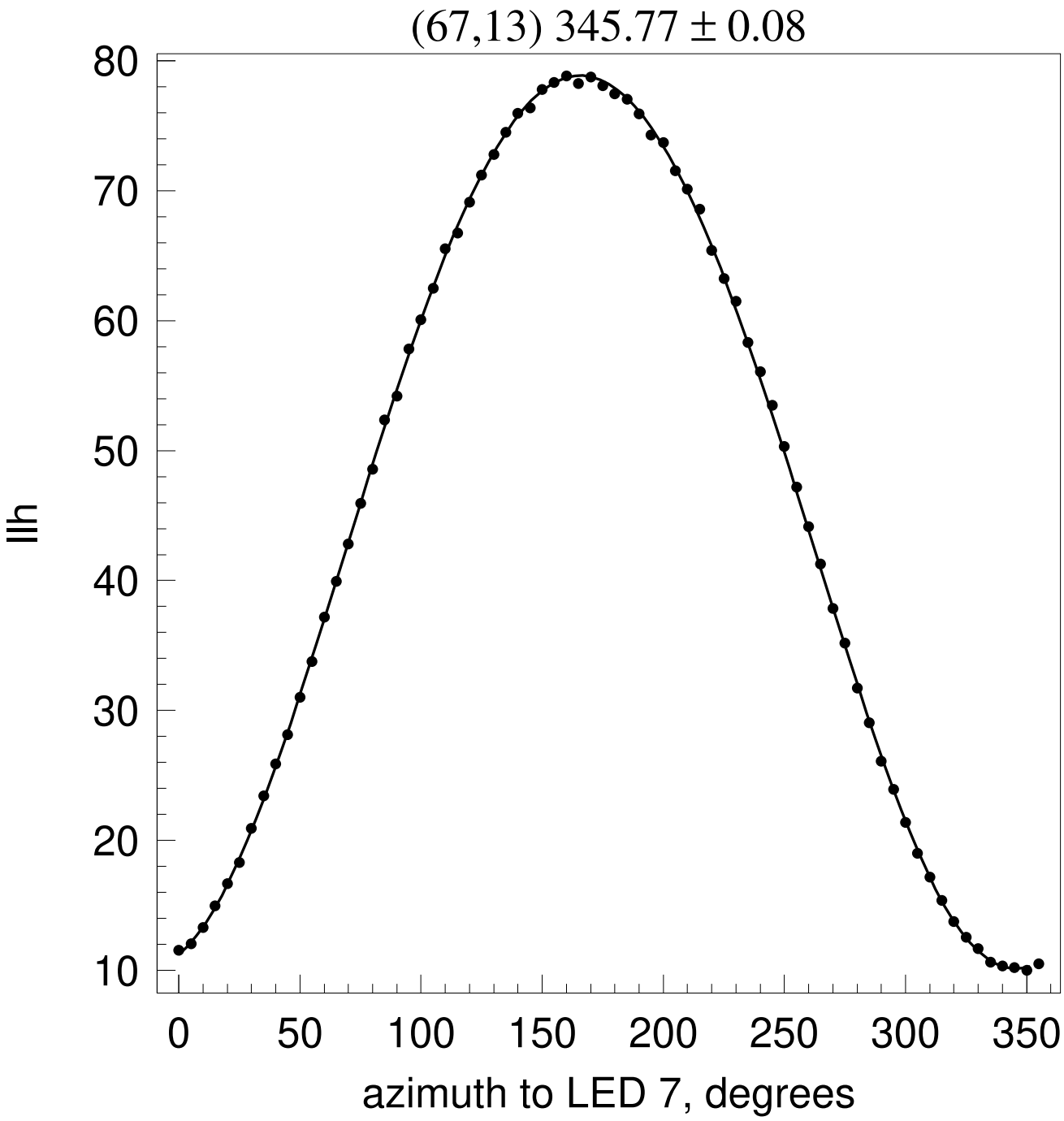

(67,8) 287.35 ± 0.39
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

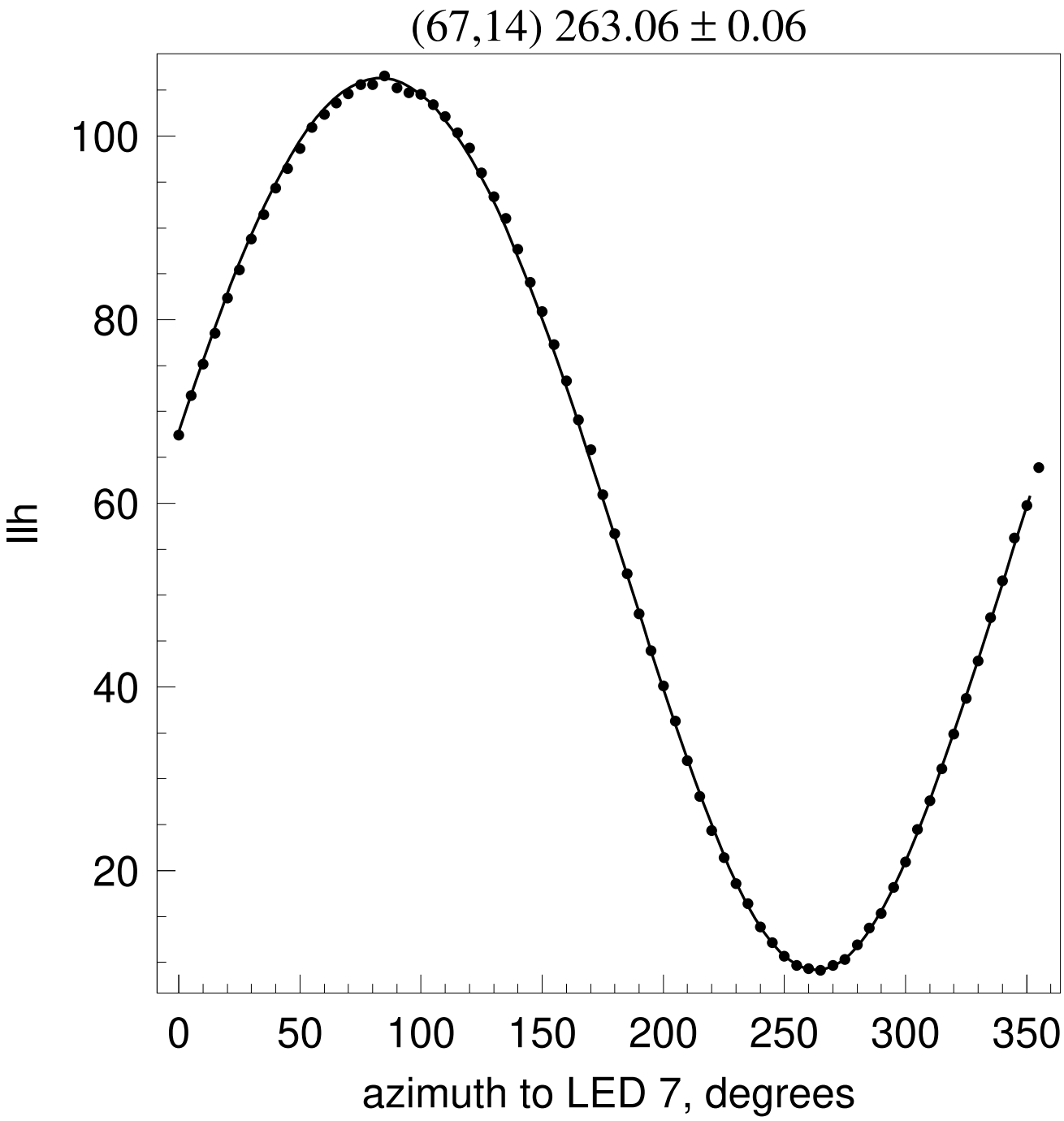

(67,9) 157.81 ± 0.29
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

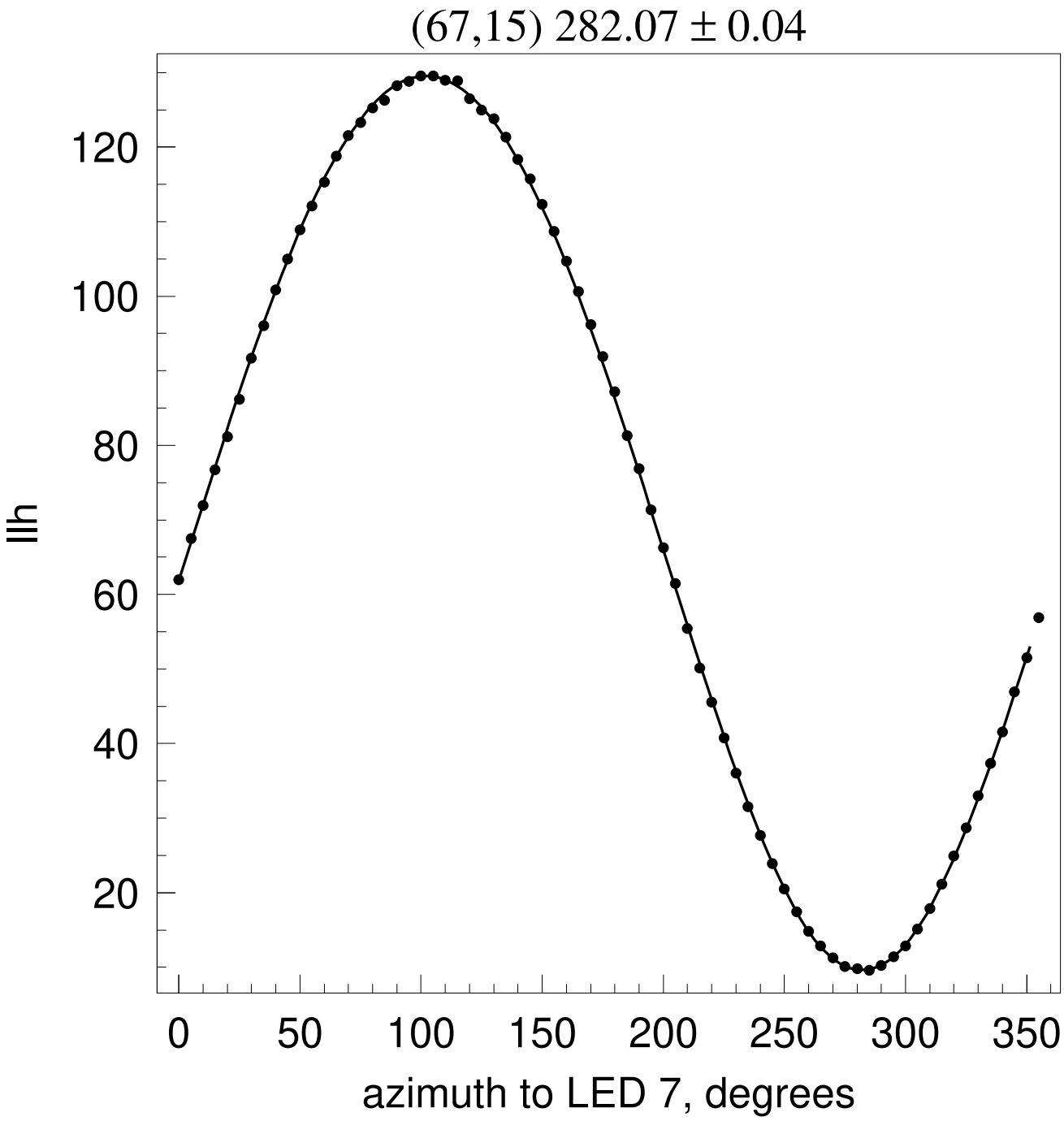

(67,10) 158.97 ± 0.19
35
32.5
30
27.5
25
22.5
20
17.5
15
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

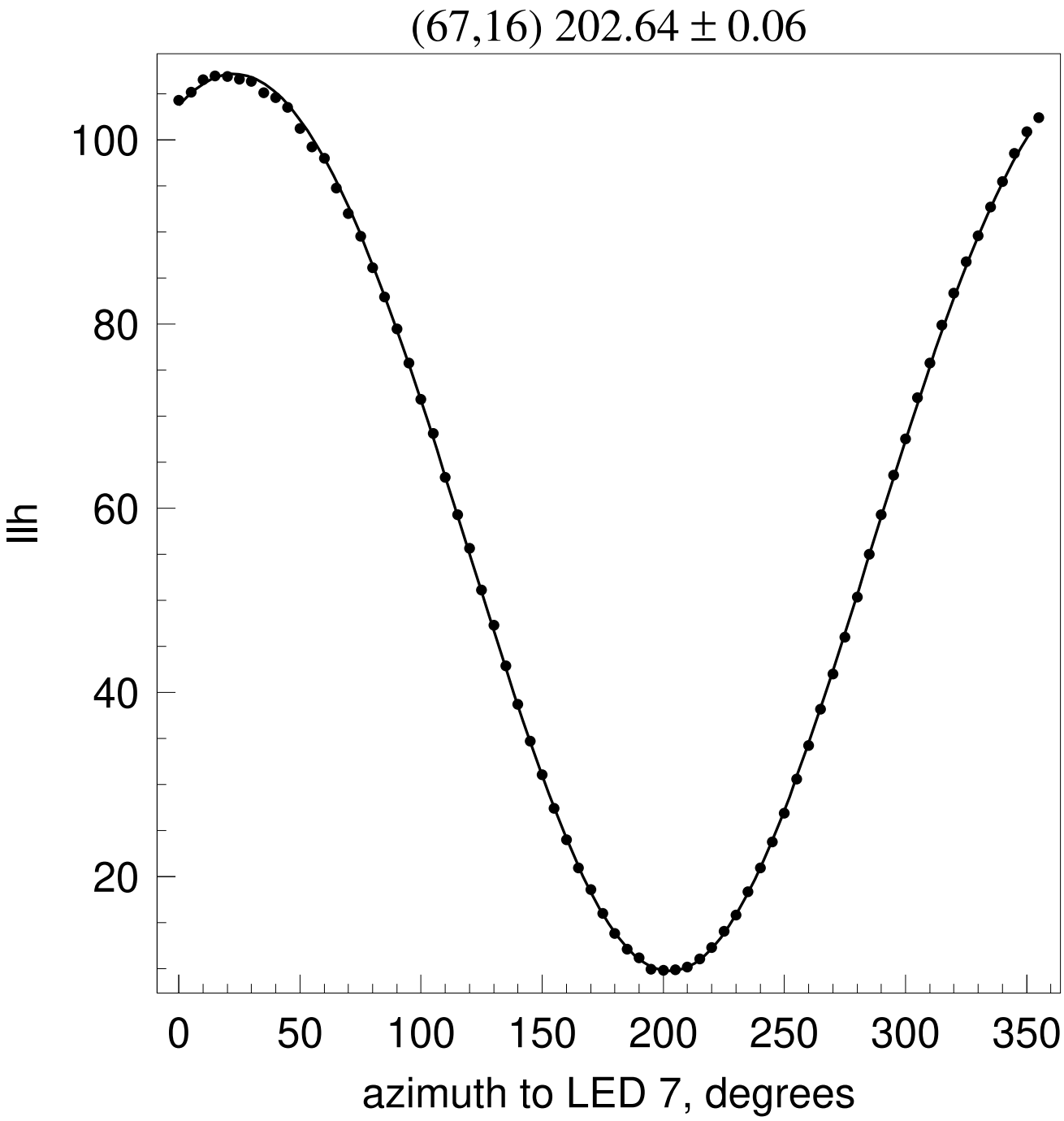

(67,11) 96.89 ± 0.22
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

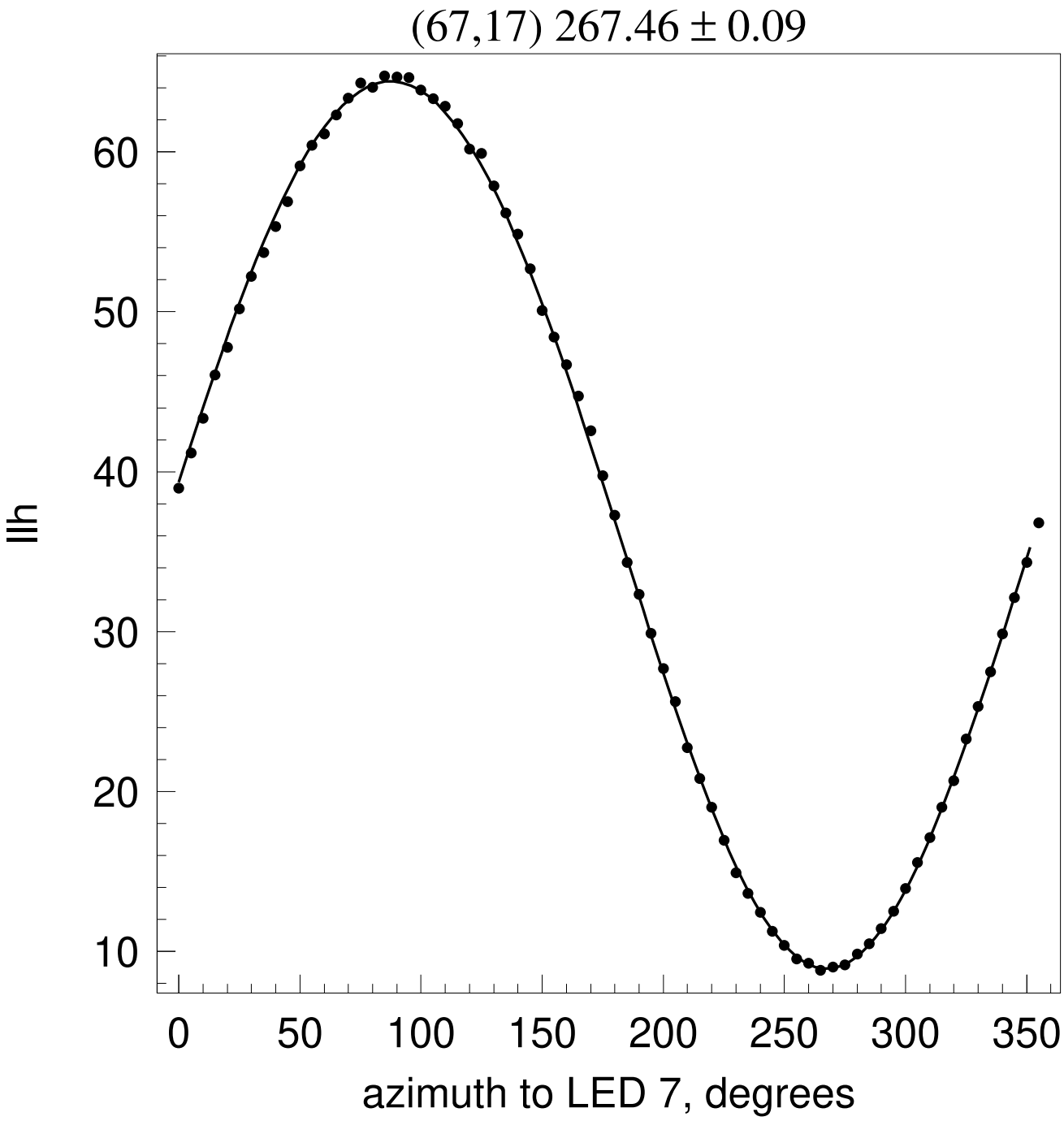

(67,12) 245.18 ± 0.18
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

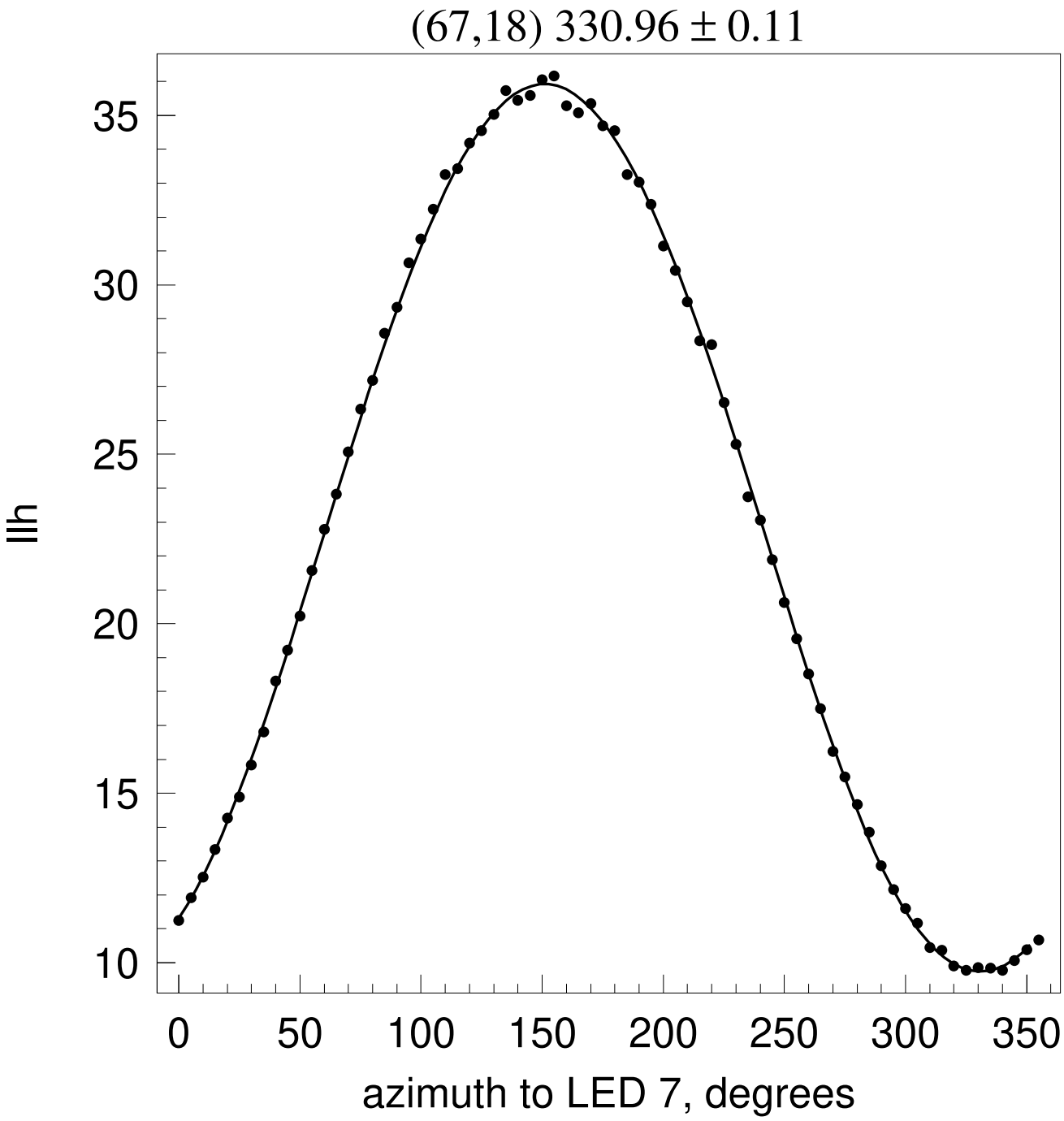

(67,13) 345.77 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

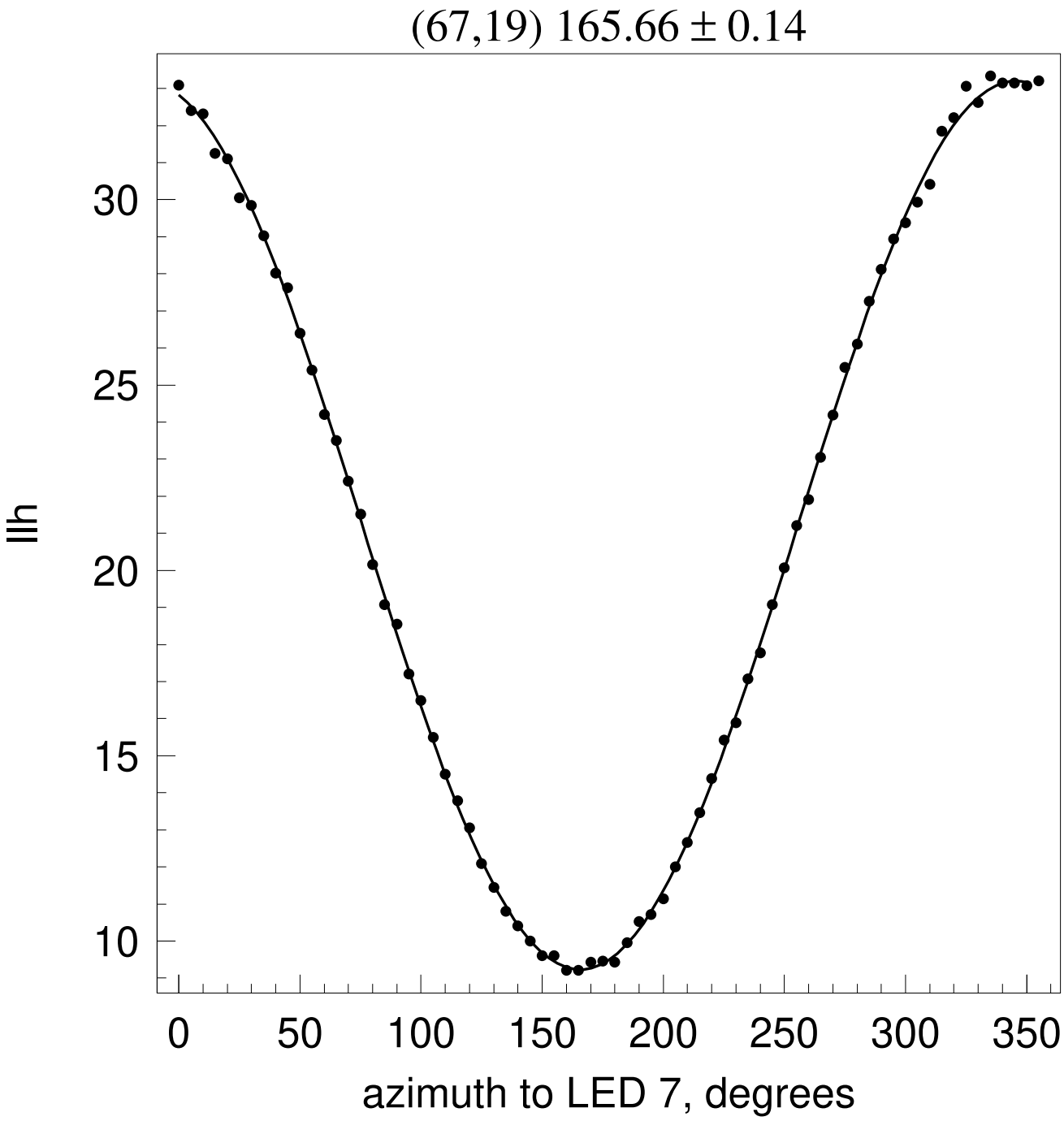

(67,14) 263.06 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

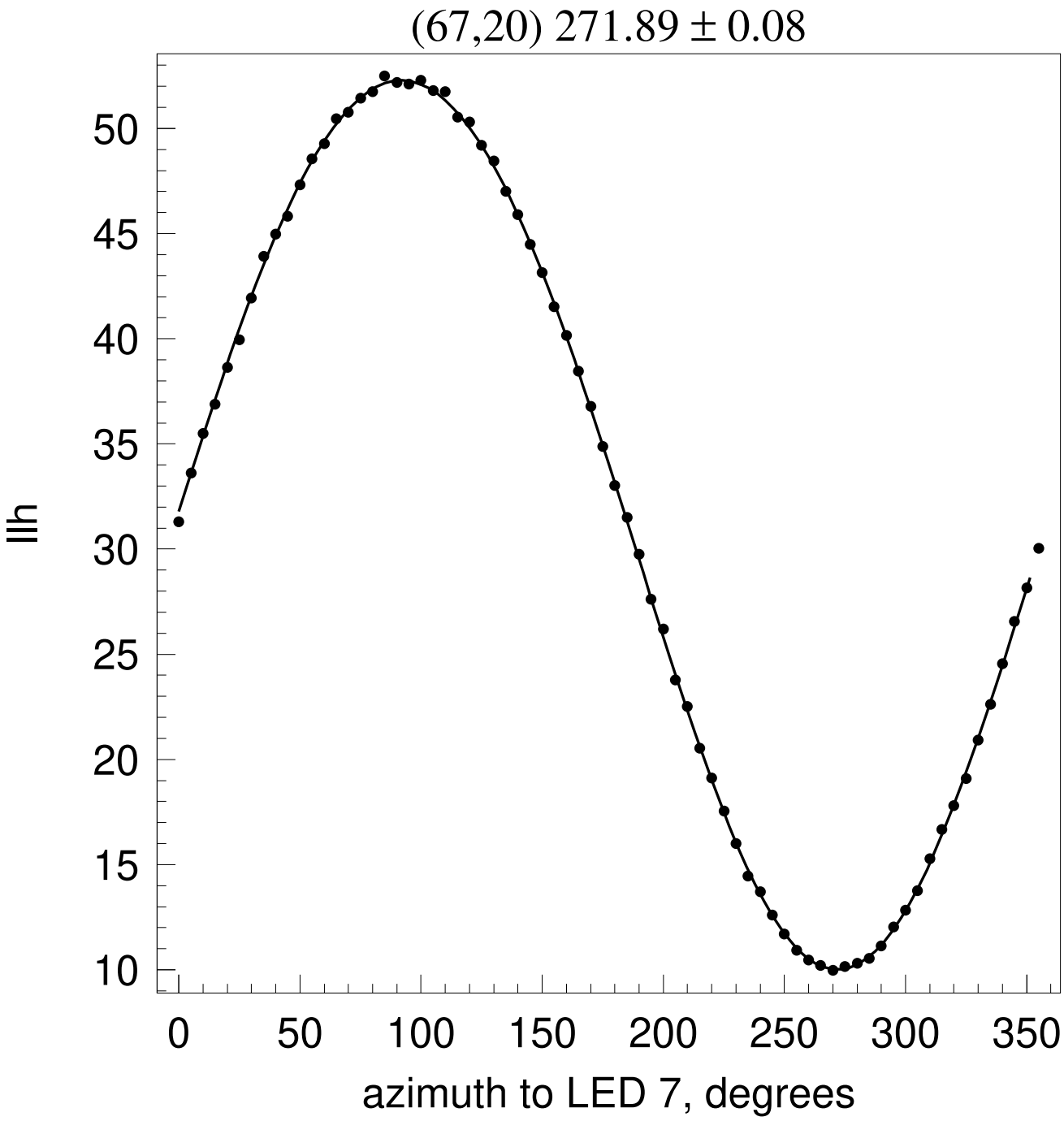

(67,15) 282.07 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

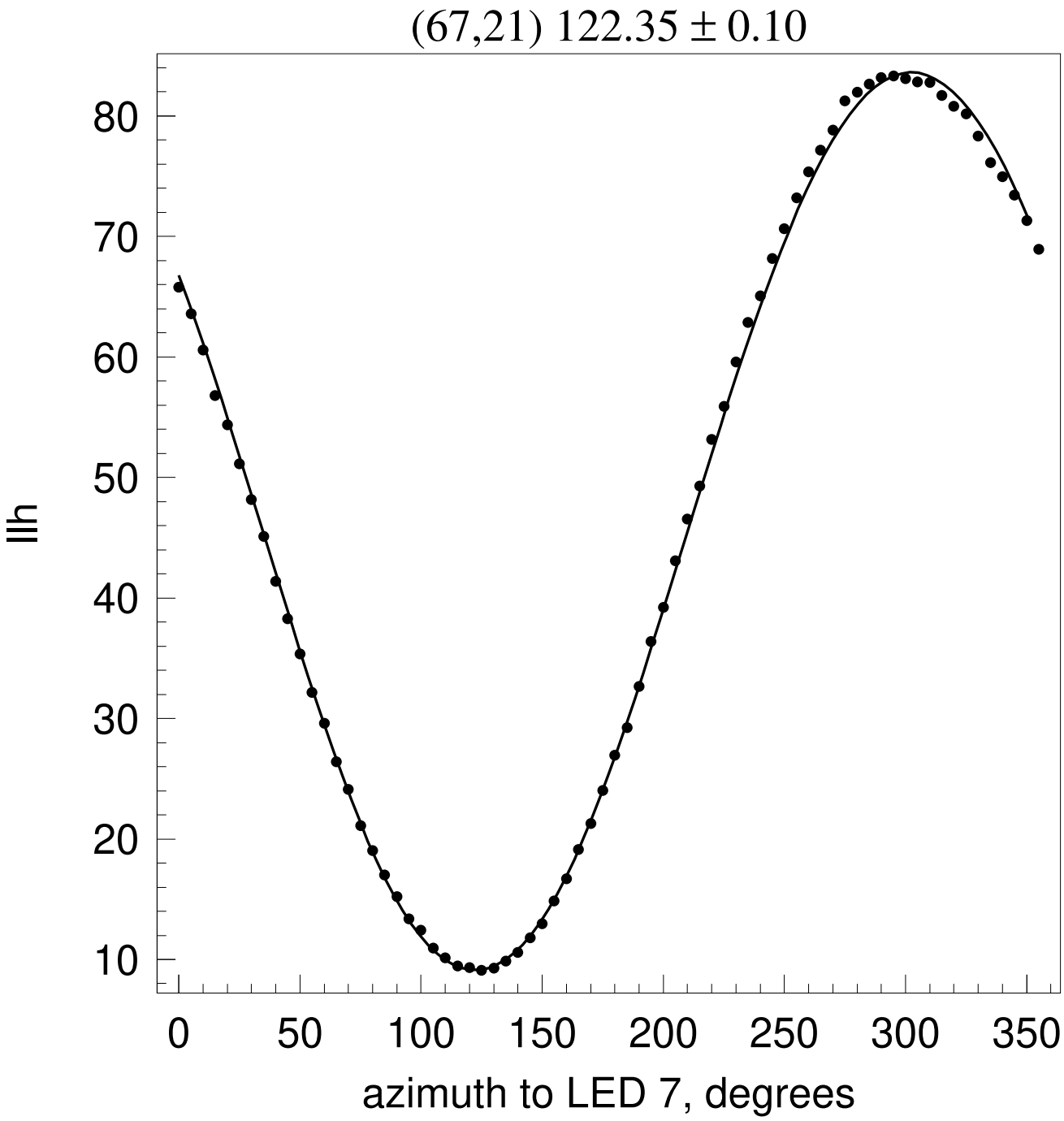

(67,16) 202.64 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

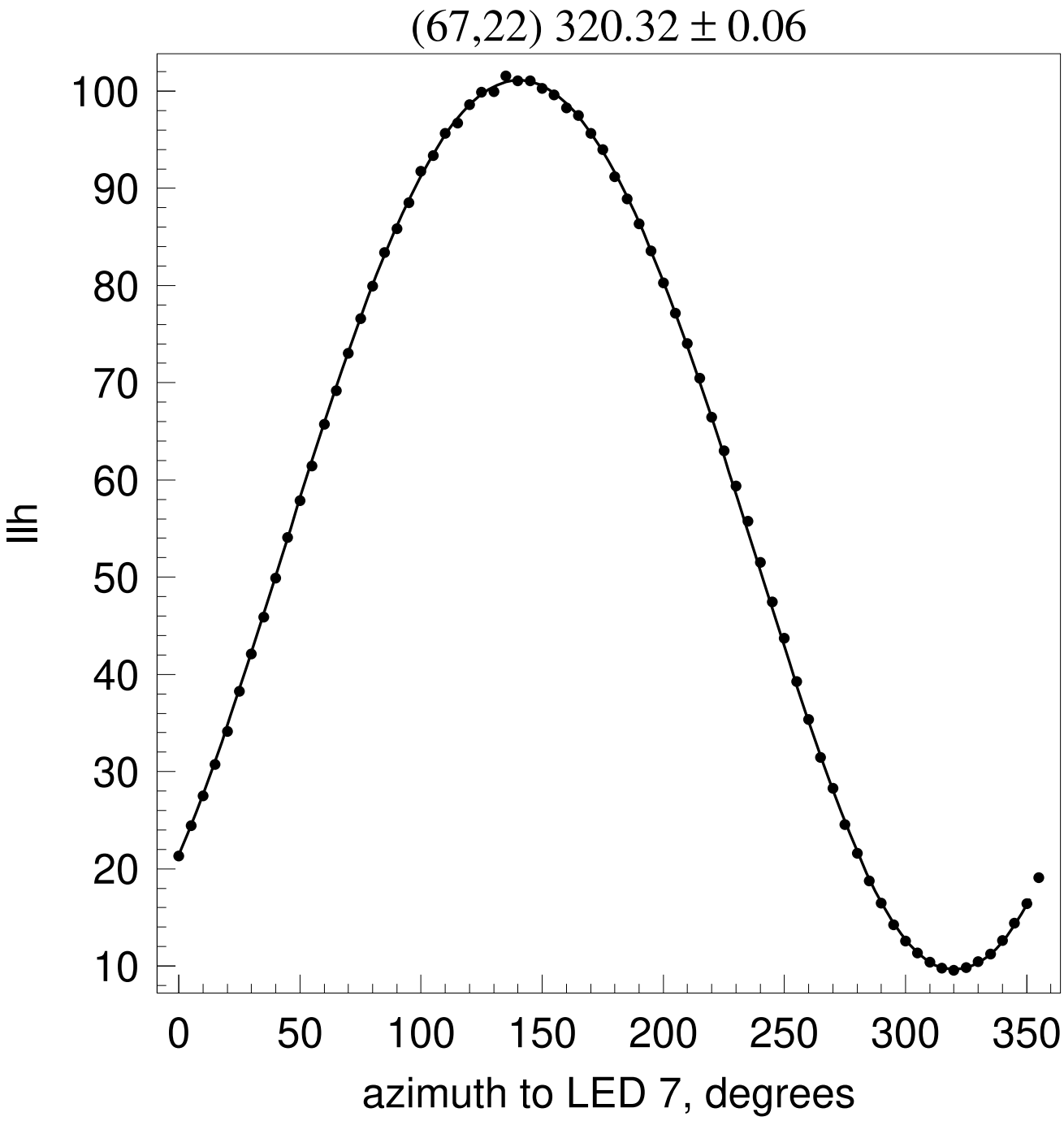

(67,17) 267.46 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

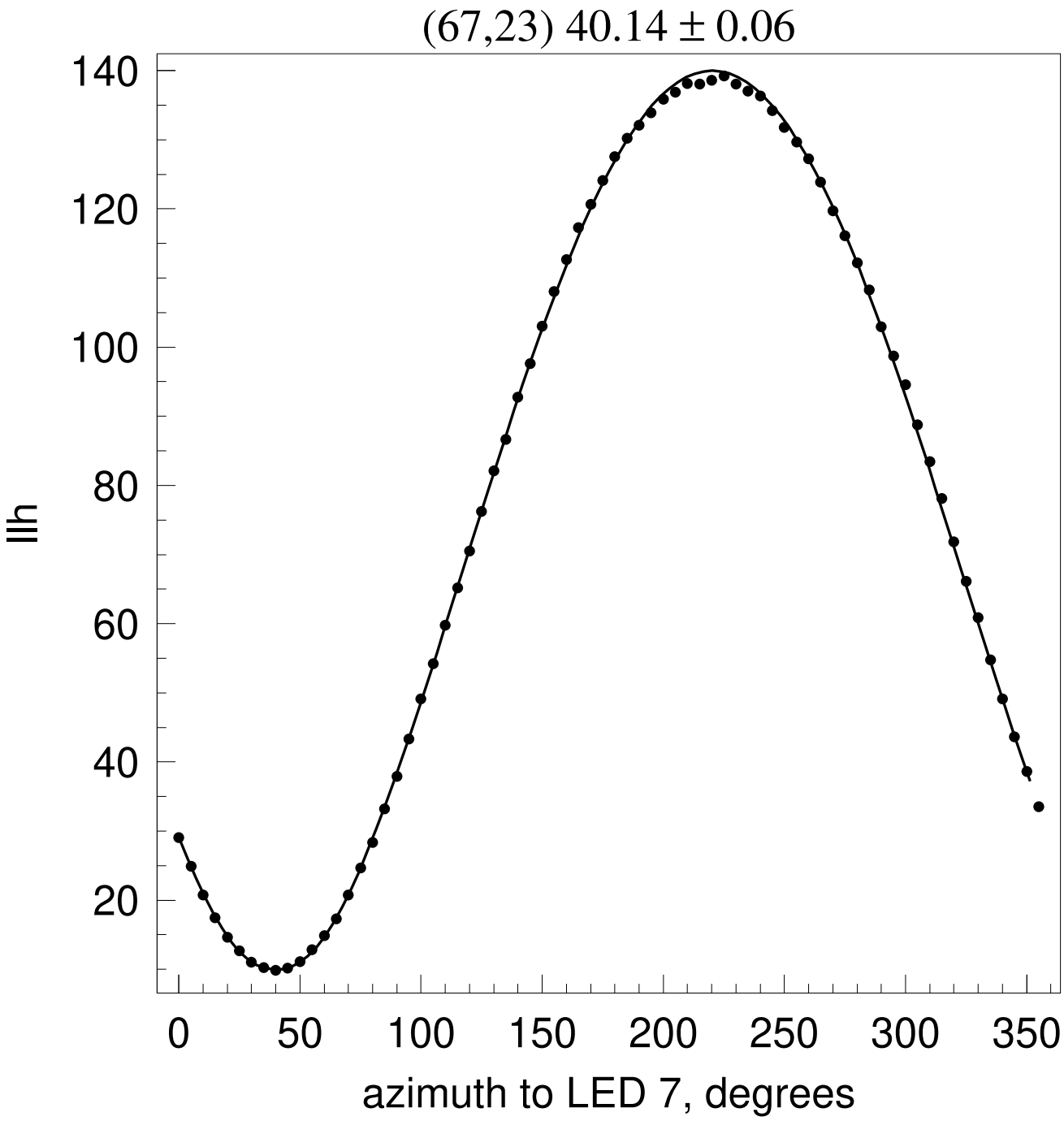

(67,18) 330.96 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

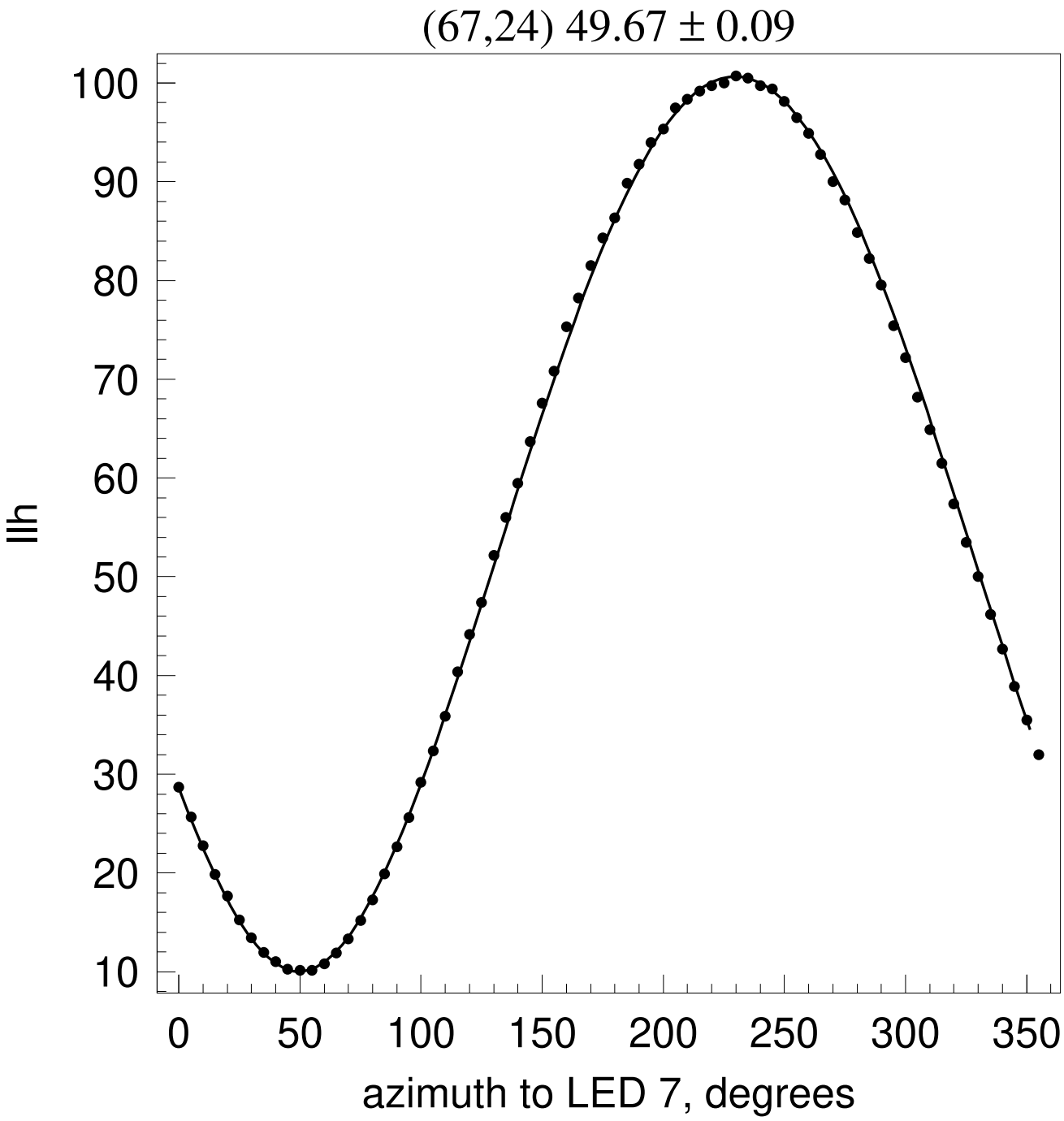

(67,19) 165.66 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

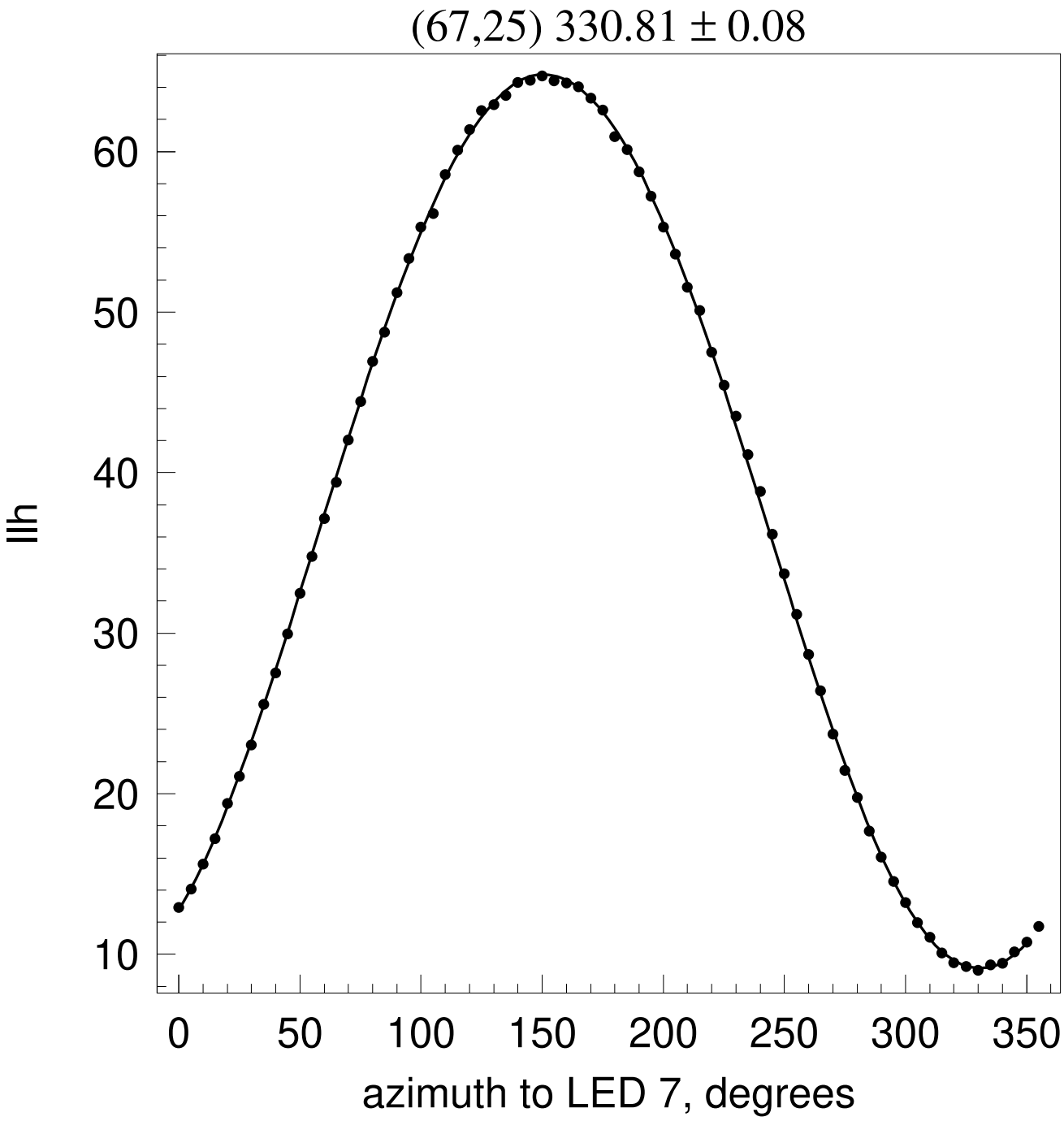

(67,20) 271.89 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

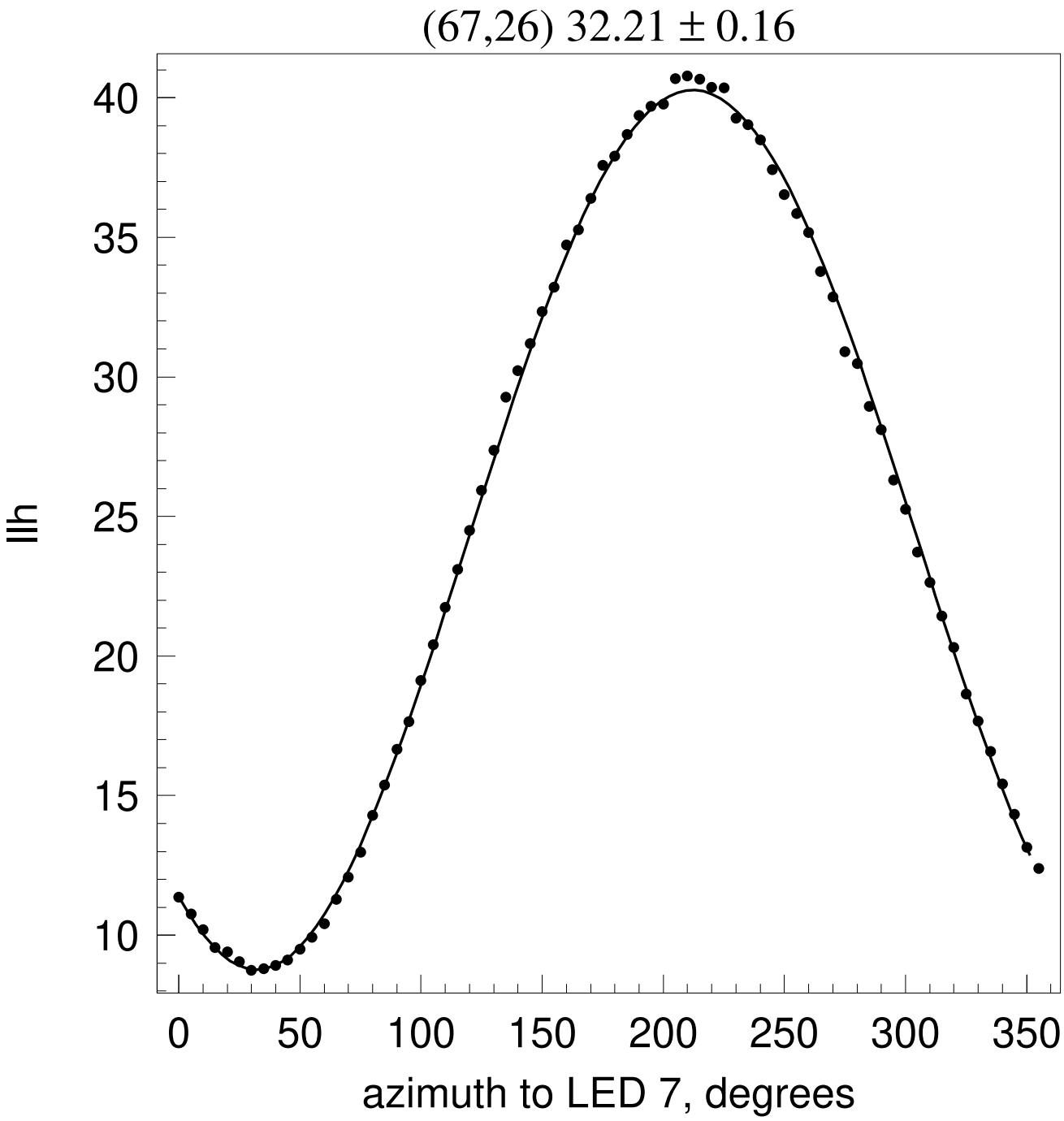

(67,21) 122.35 ± 0.10
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

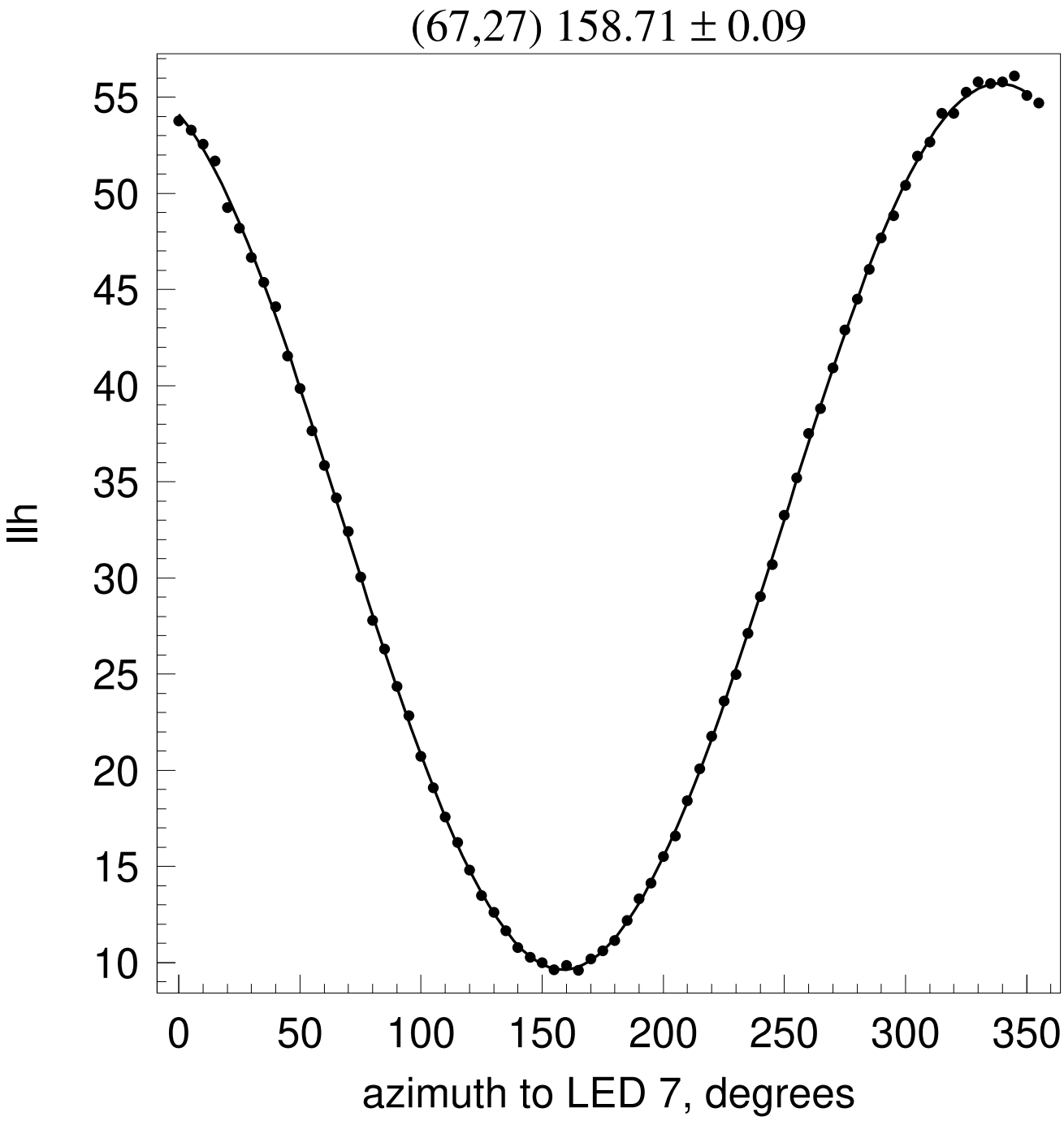

(67,22) 320.32 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

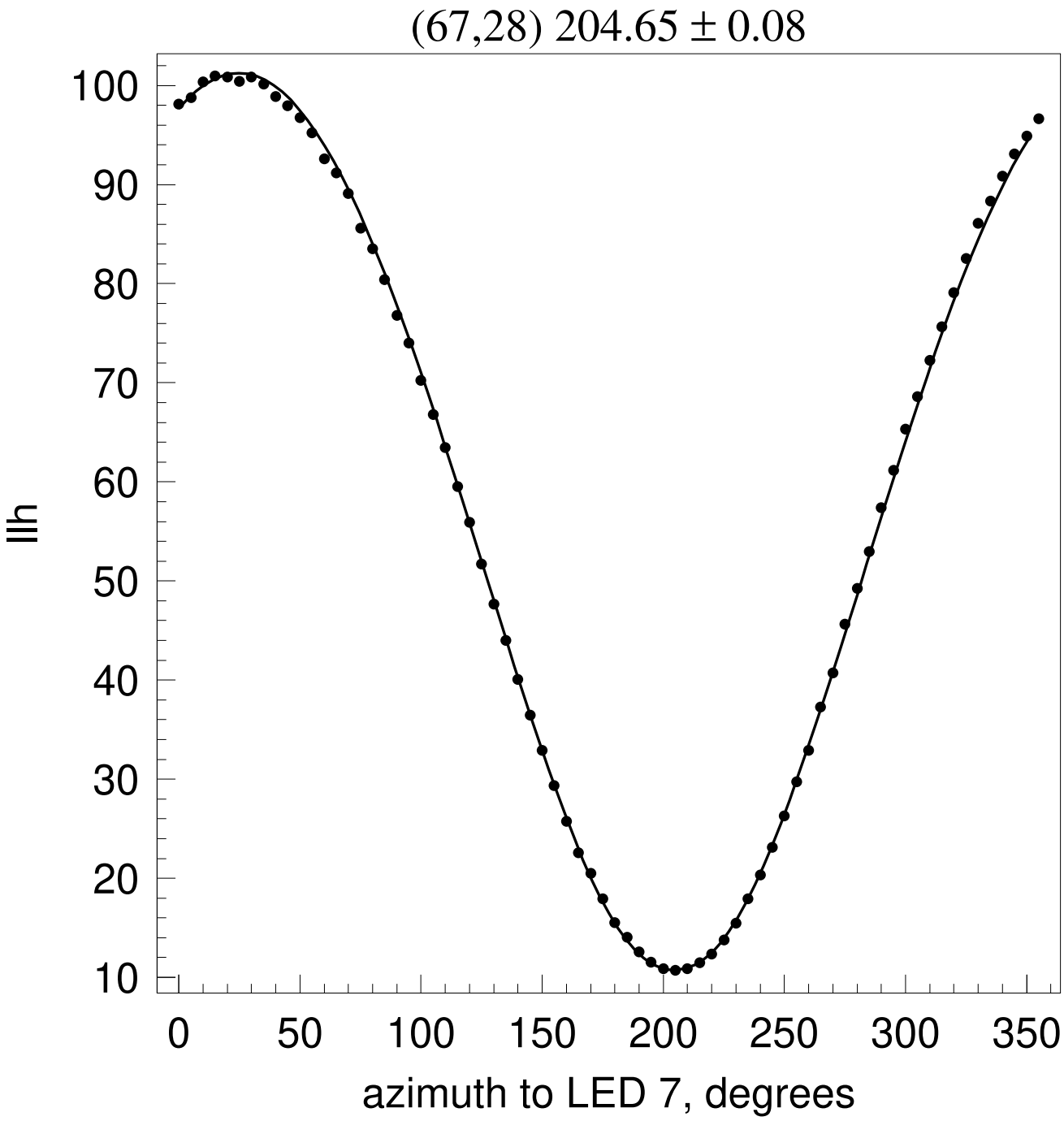

(67,23) 40.14 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

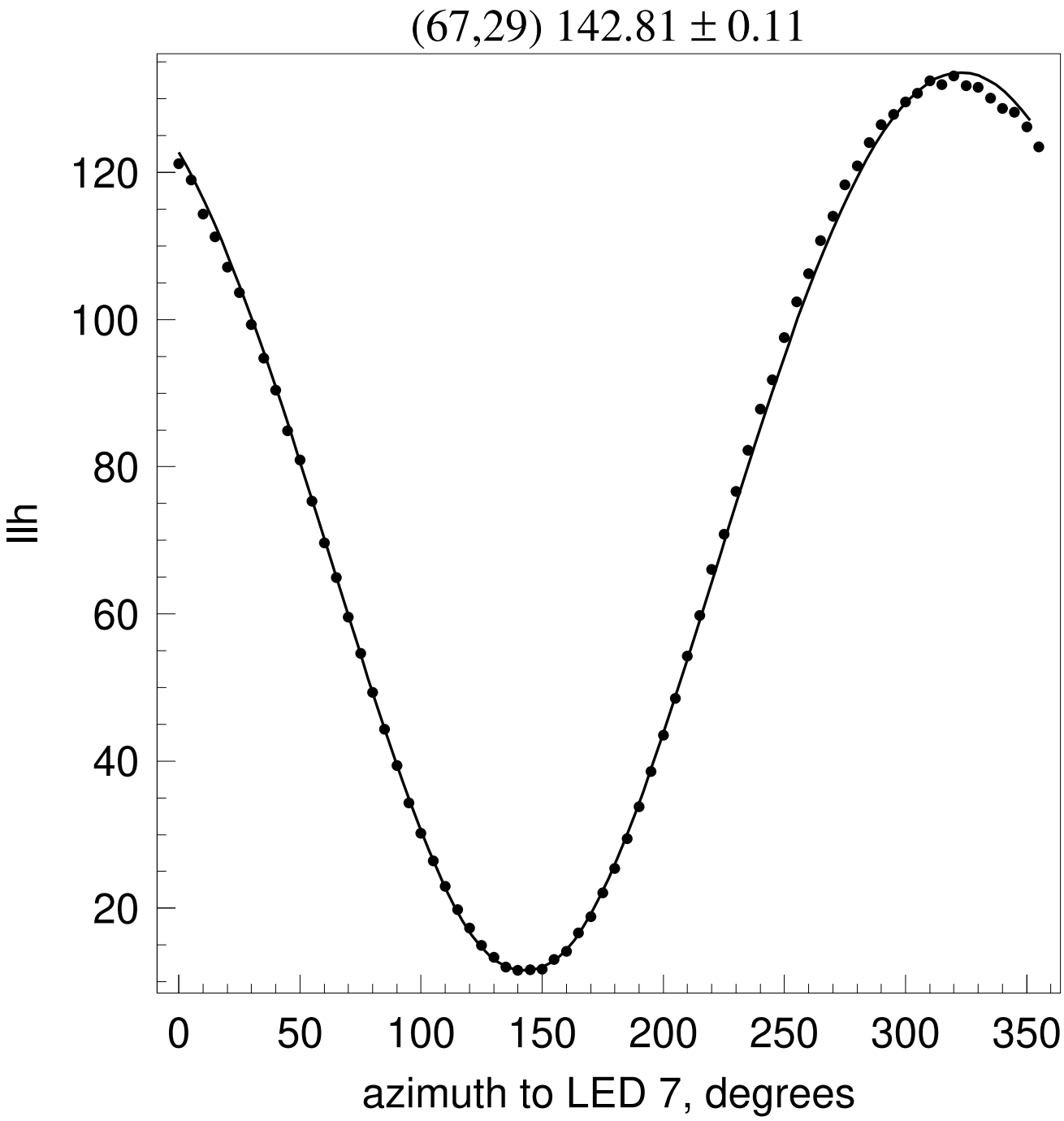

(67,24) 49.67 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

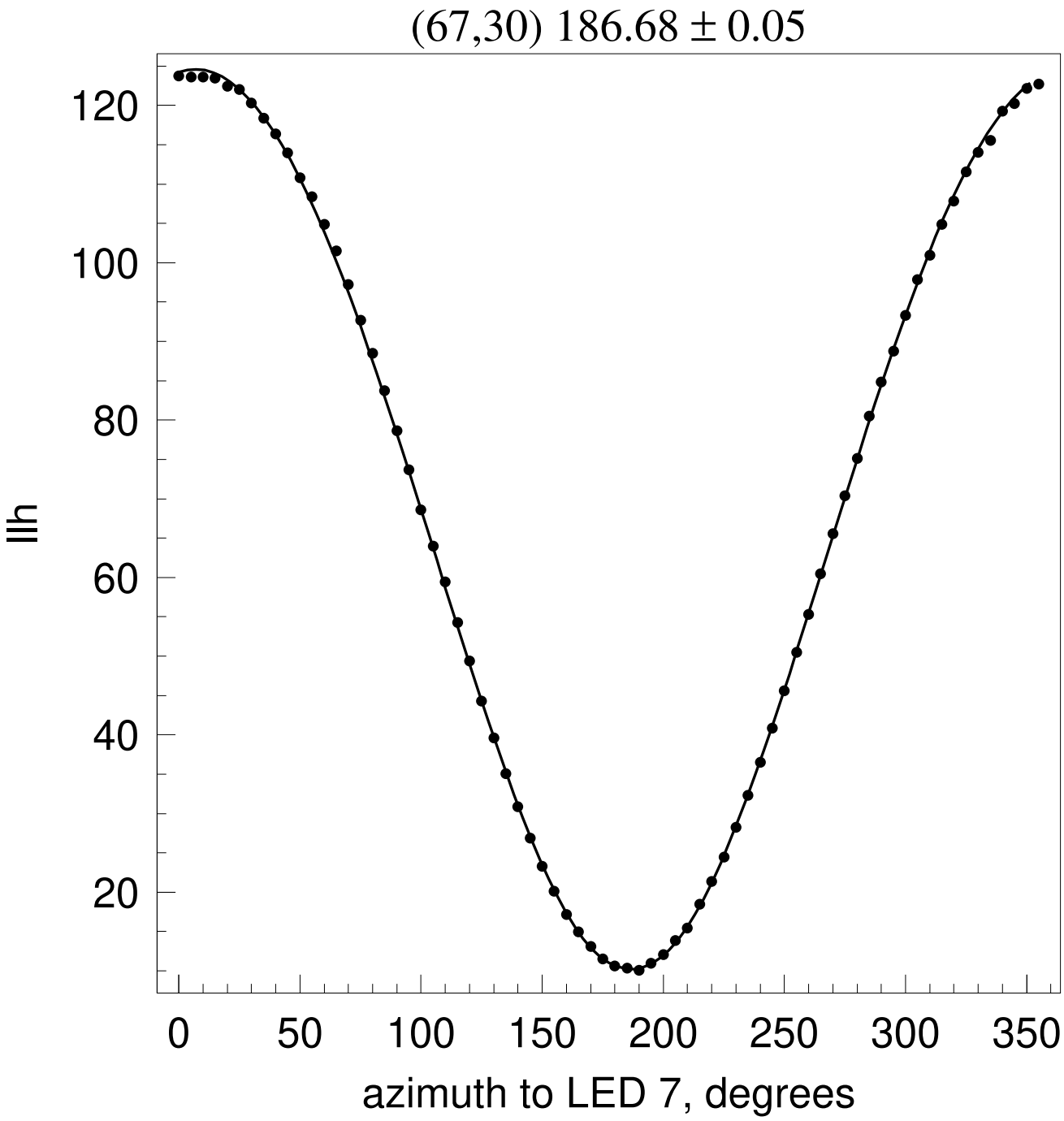

(67,25) 330.81 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

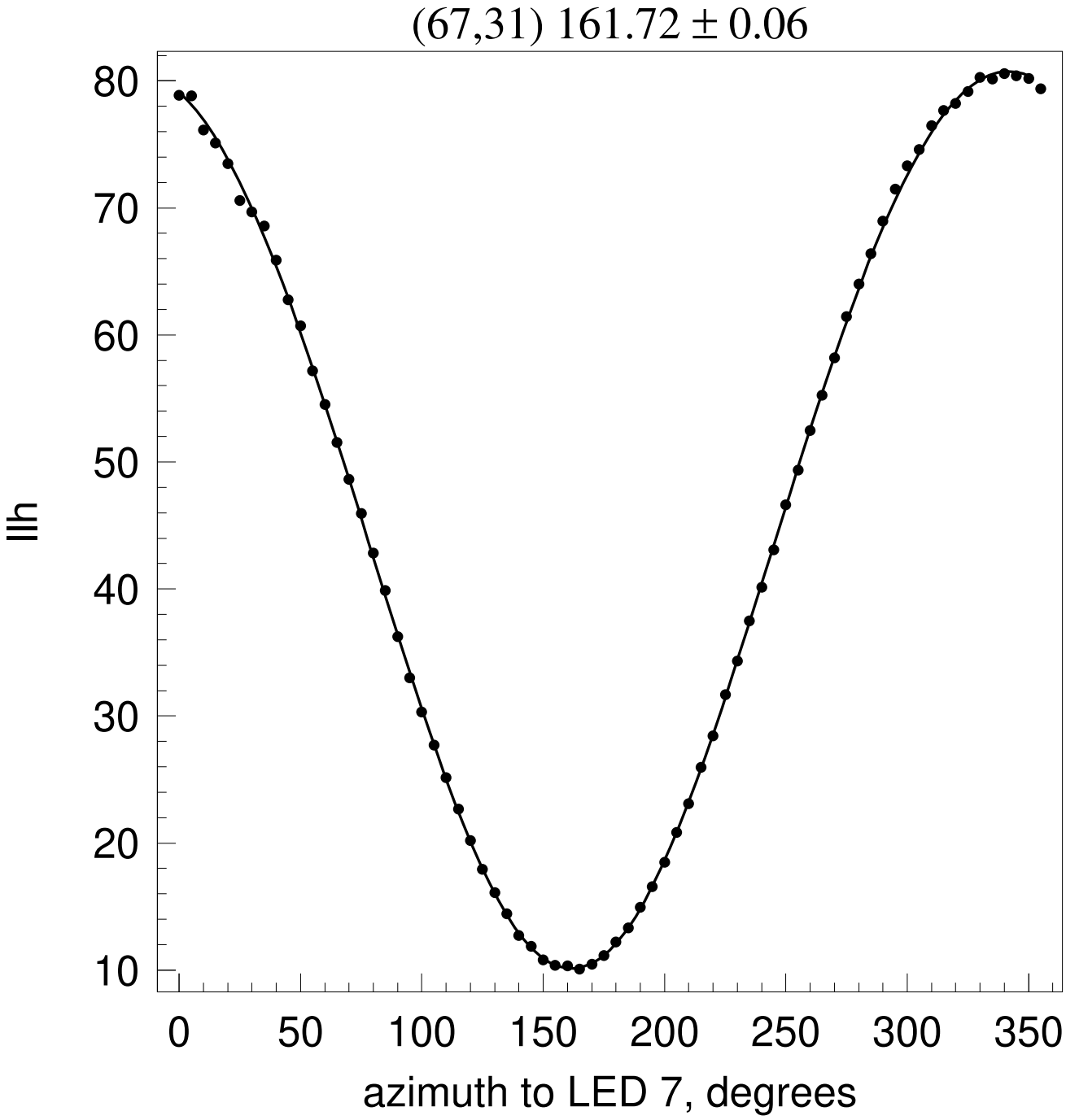

(67,26) 32.21 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

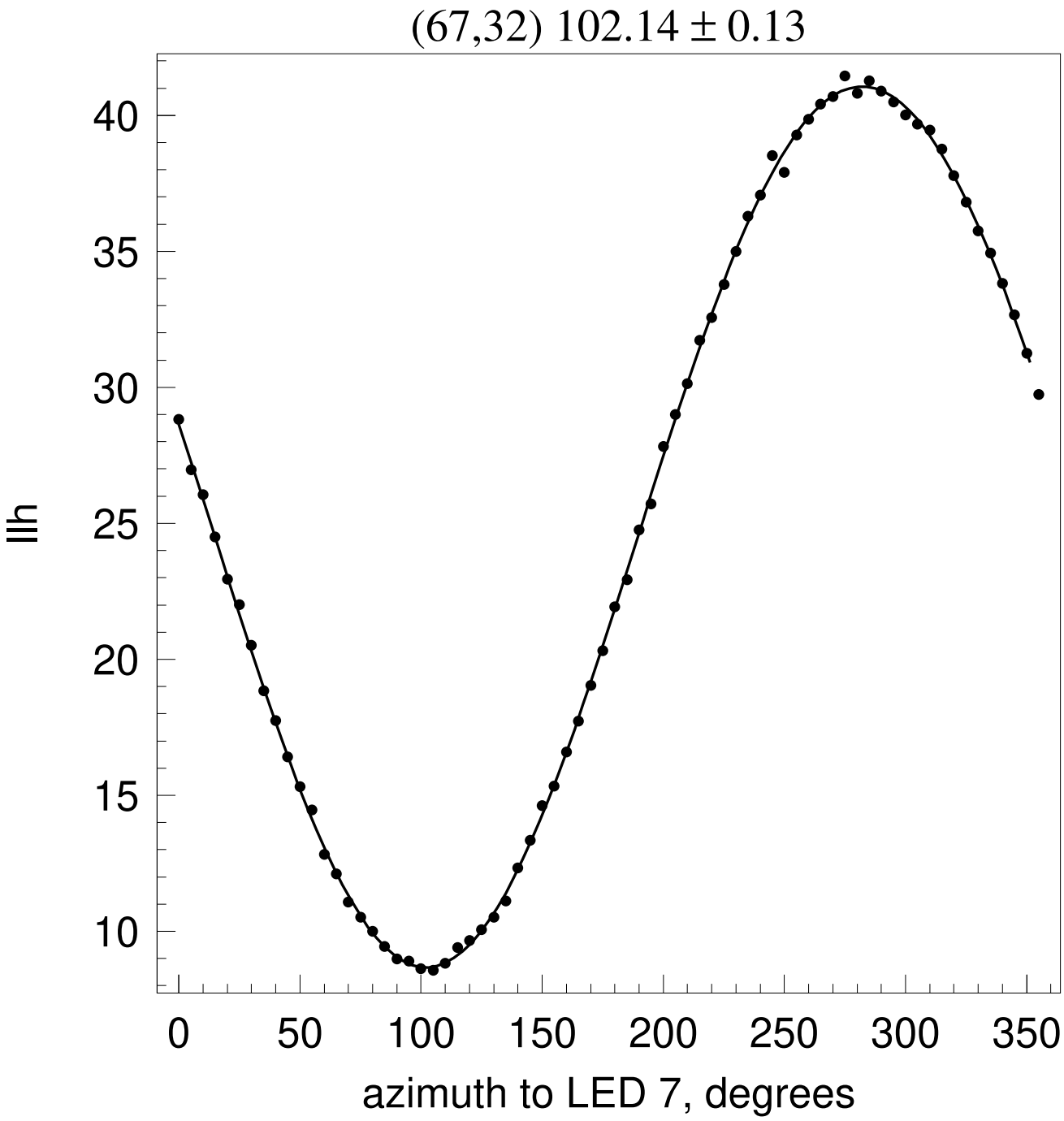

(67,27) 158.71 ± 0.09
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

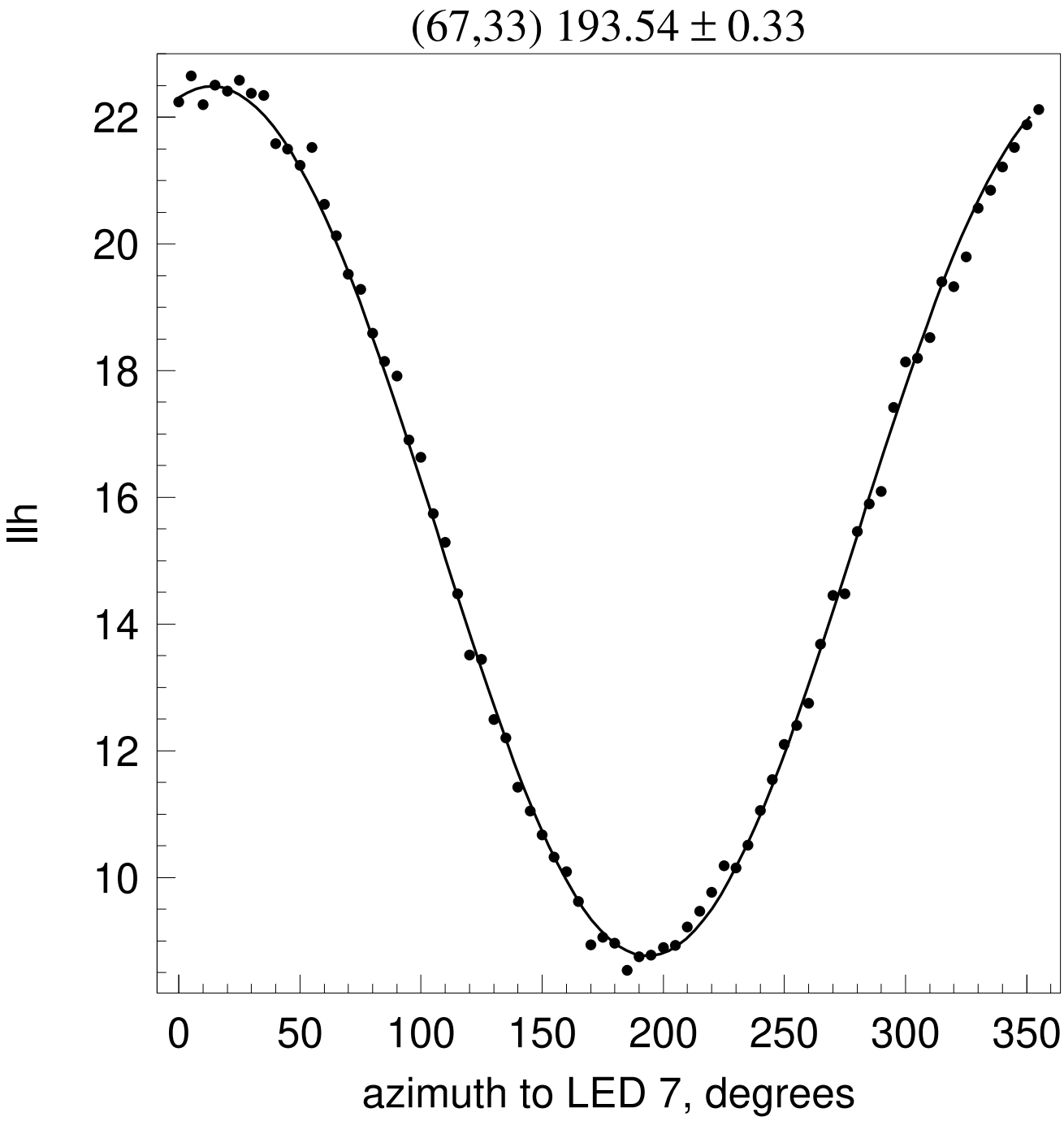

(67,28) 204.65 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

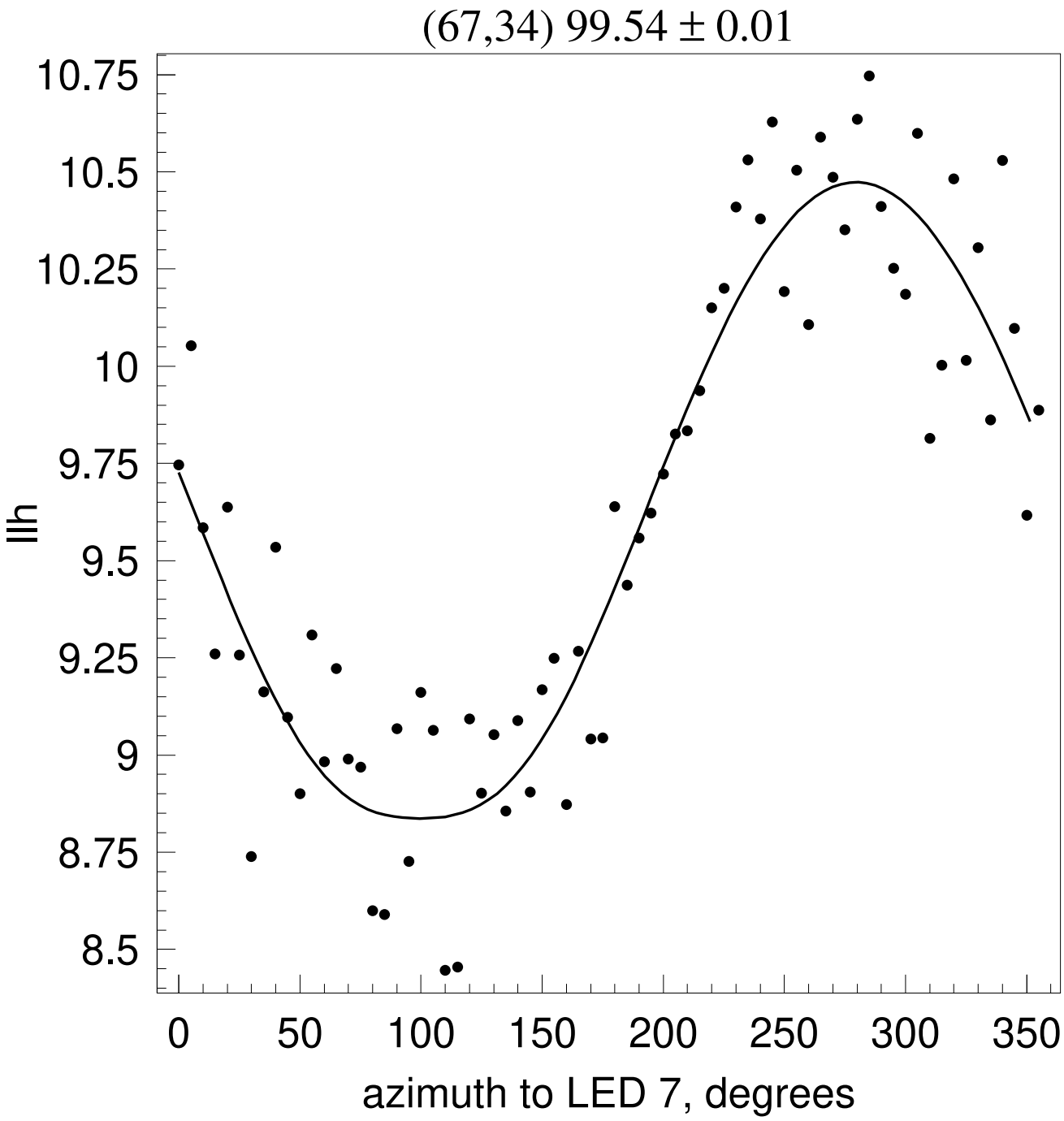

(67,29) 142.81 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

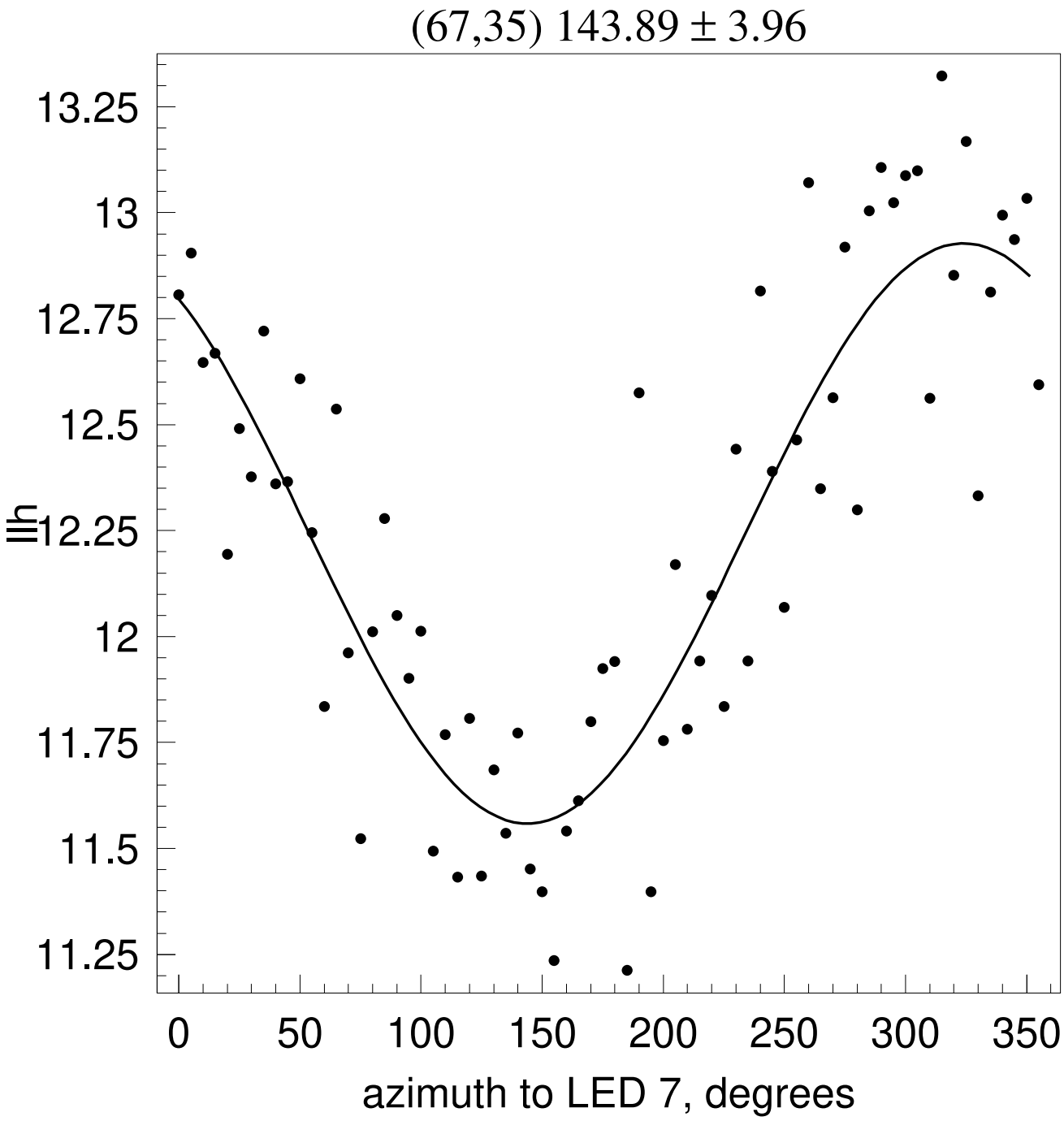

(67,30) 186.68 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

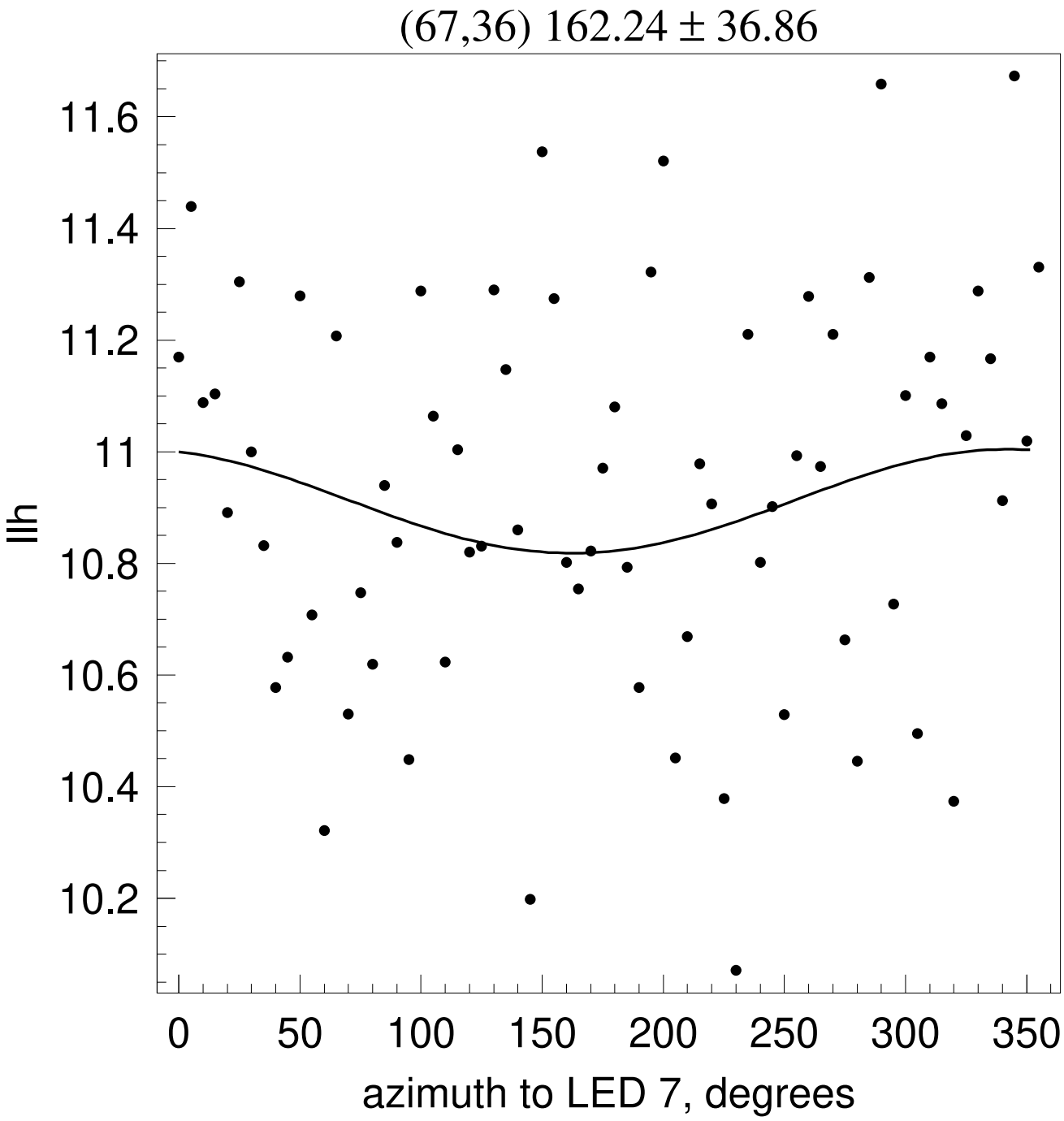

(67,31) 161.72 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

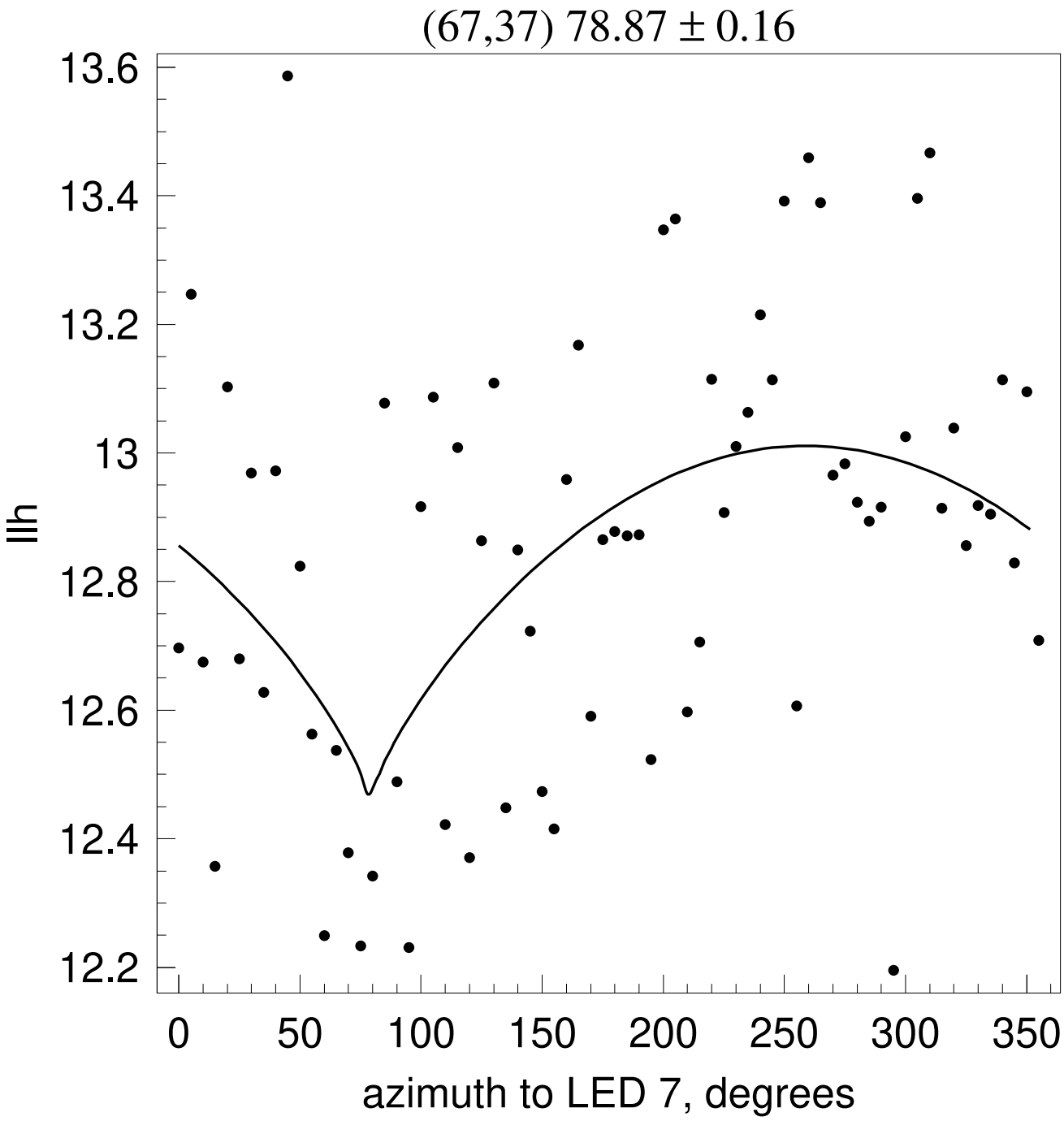

(67,32) 102.14 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

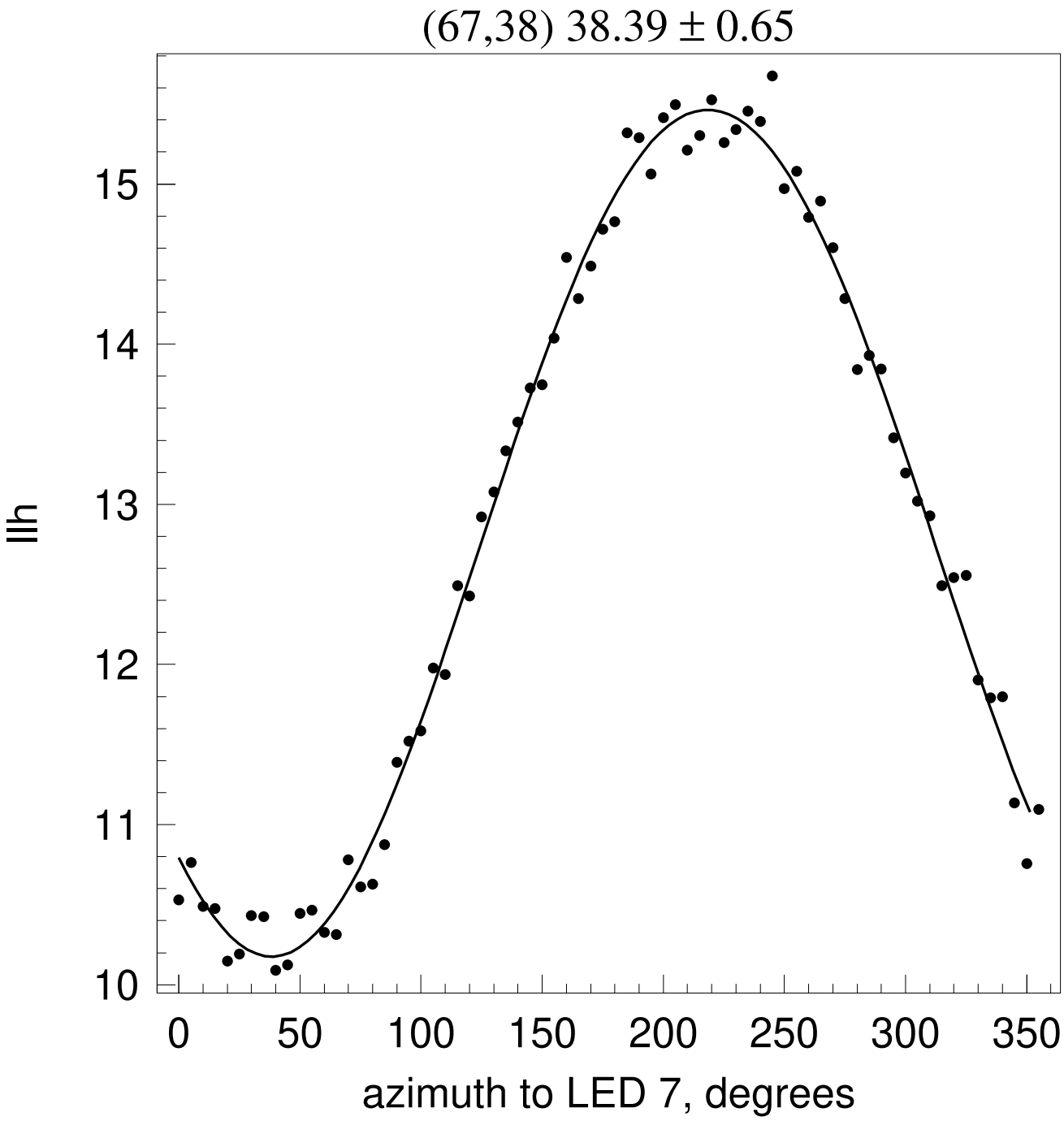

(67,33) 193.54 ± 0.33
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

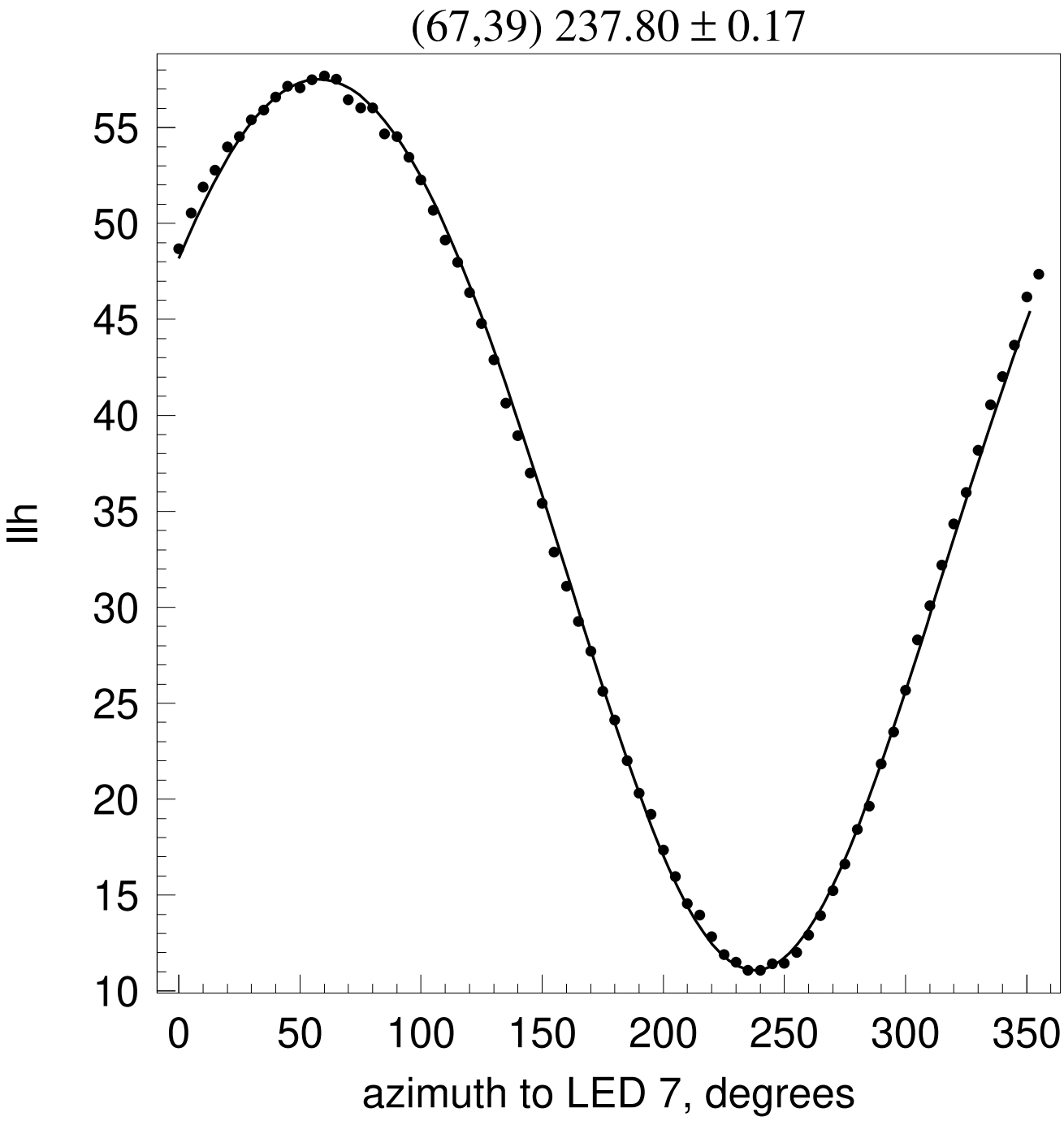

(67,34) 99.54 ± 0.01
10.75
10.5
10.25
10
9.75
9.5
9.25
9
8.75
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

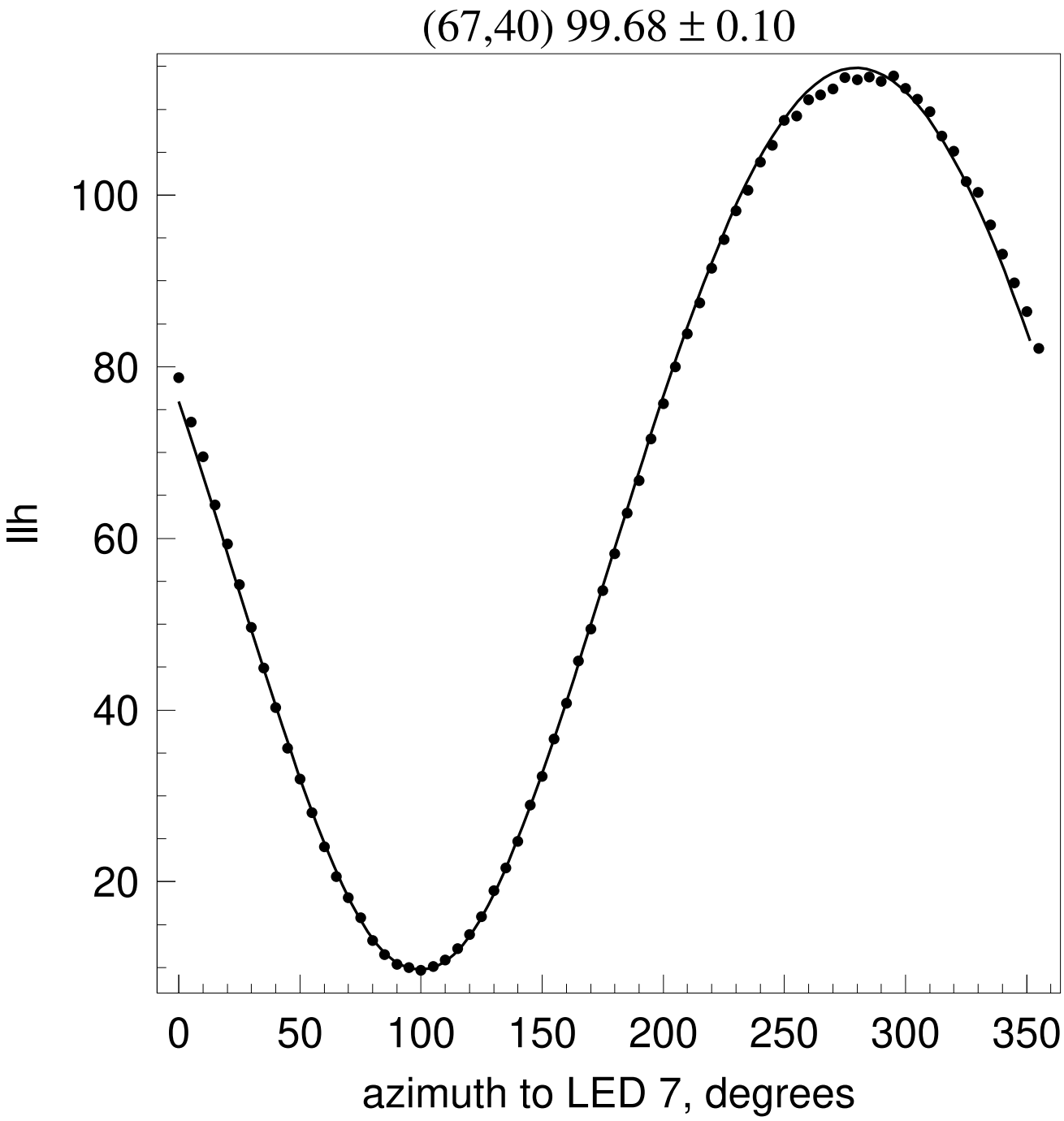

(67,35) 143.89 ± 3.96
13.25
13
12.75
12.5
12.25
12
11.75
11.5
11.25
μs
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

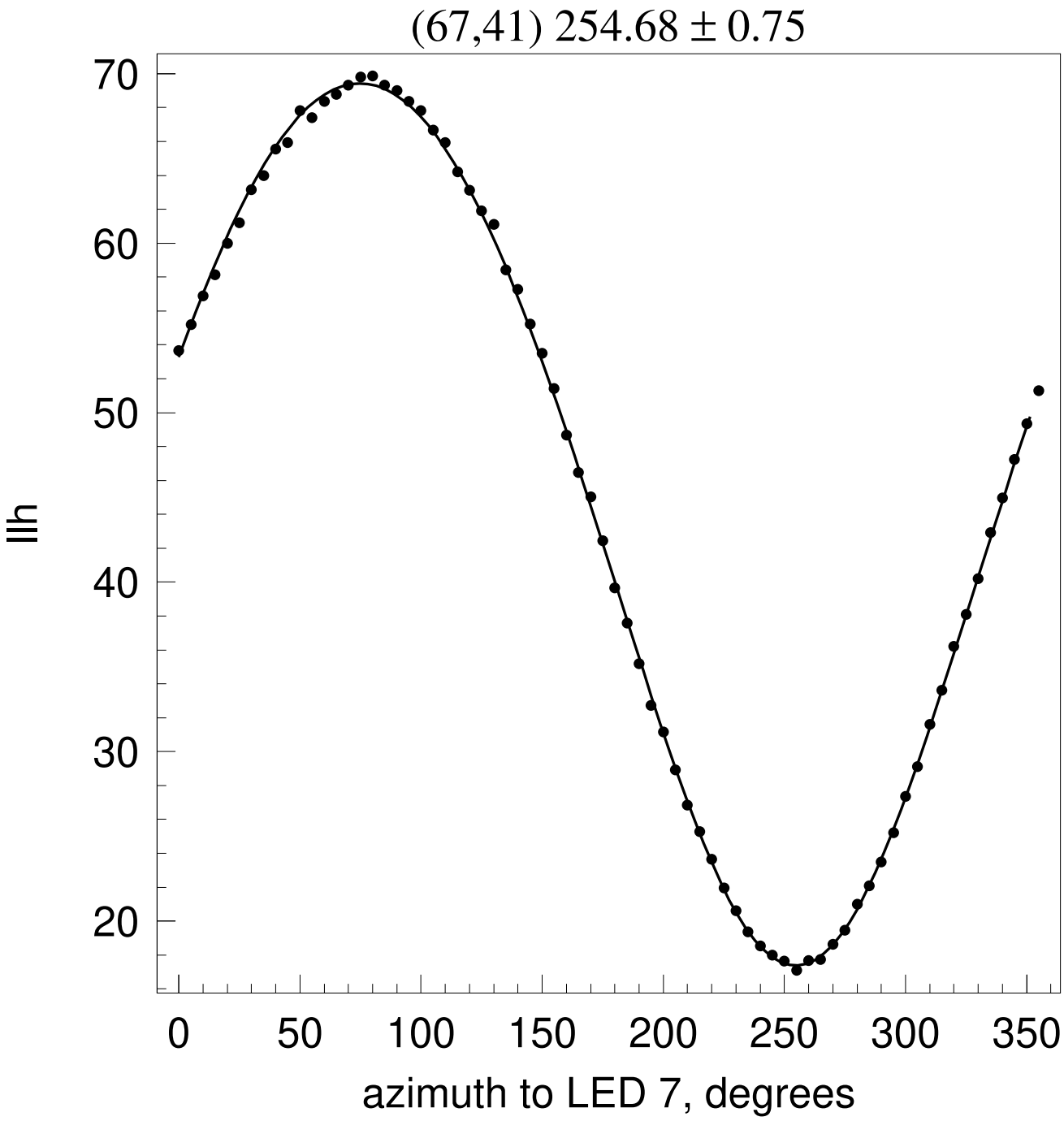

(67,36) 162.24 ± 36.86
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

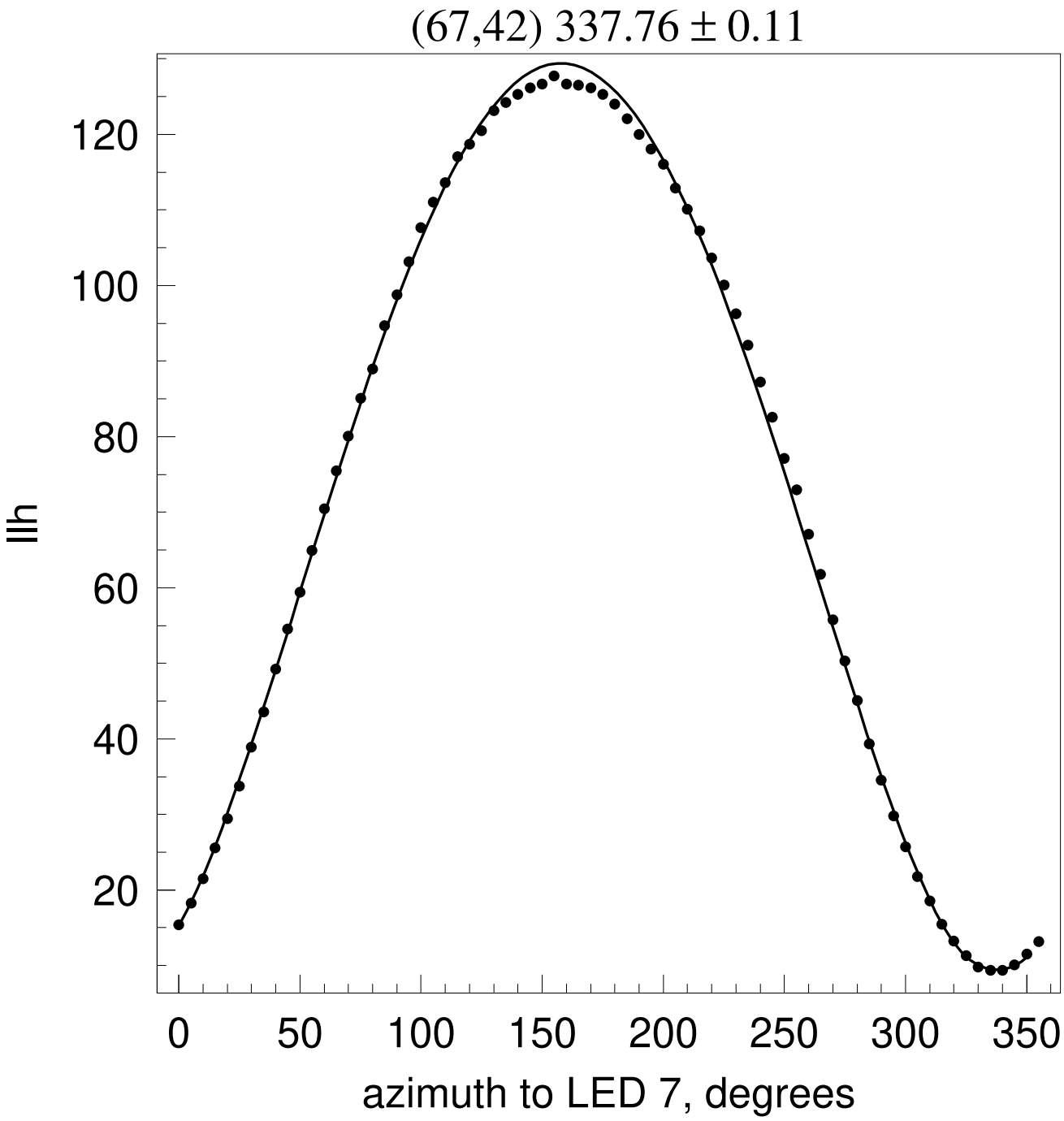

(67,37) 78.87 ± 0.16
13.6
13.4
13.2
13
12.8
12.6
12.4
12.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

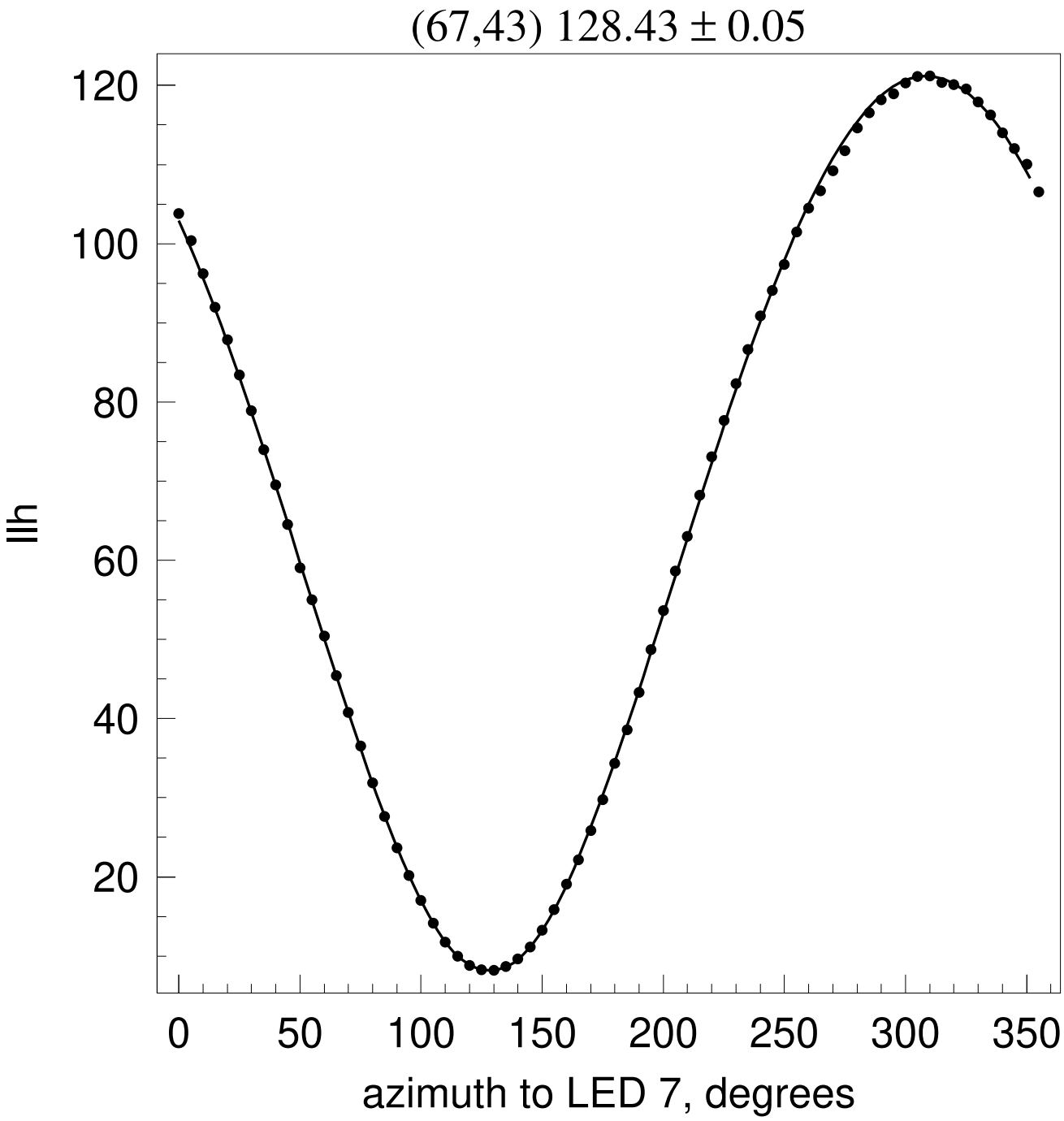

(67,38) 38.39 ± 0.65
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

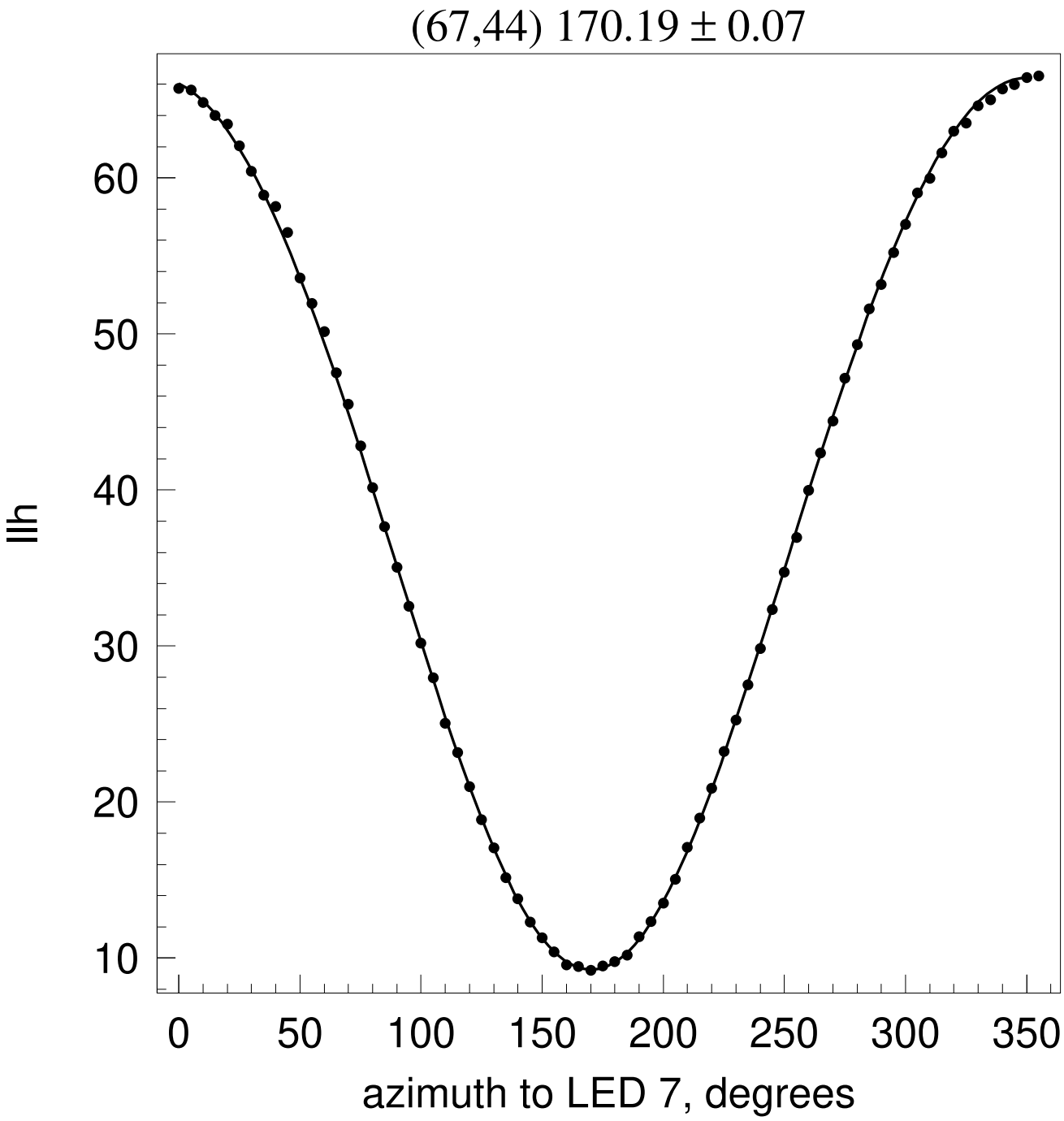

(67,39) 237.80 ± 0.17
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

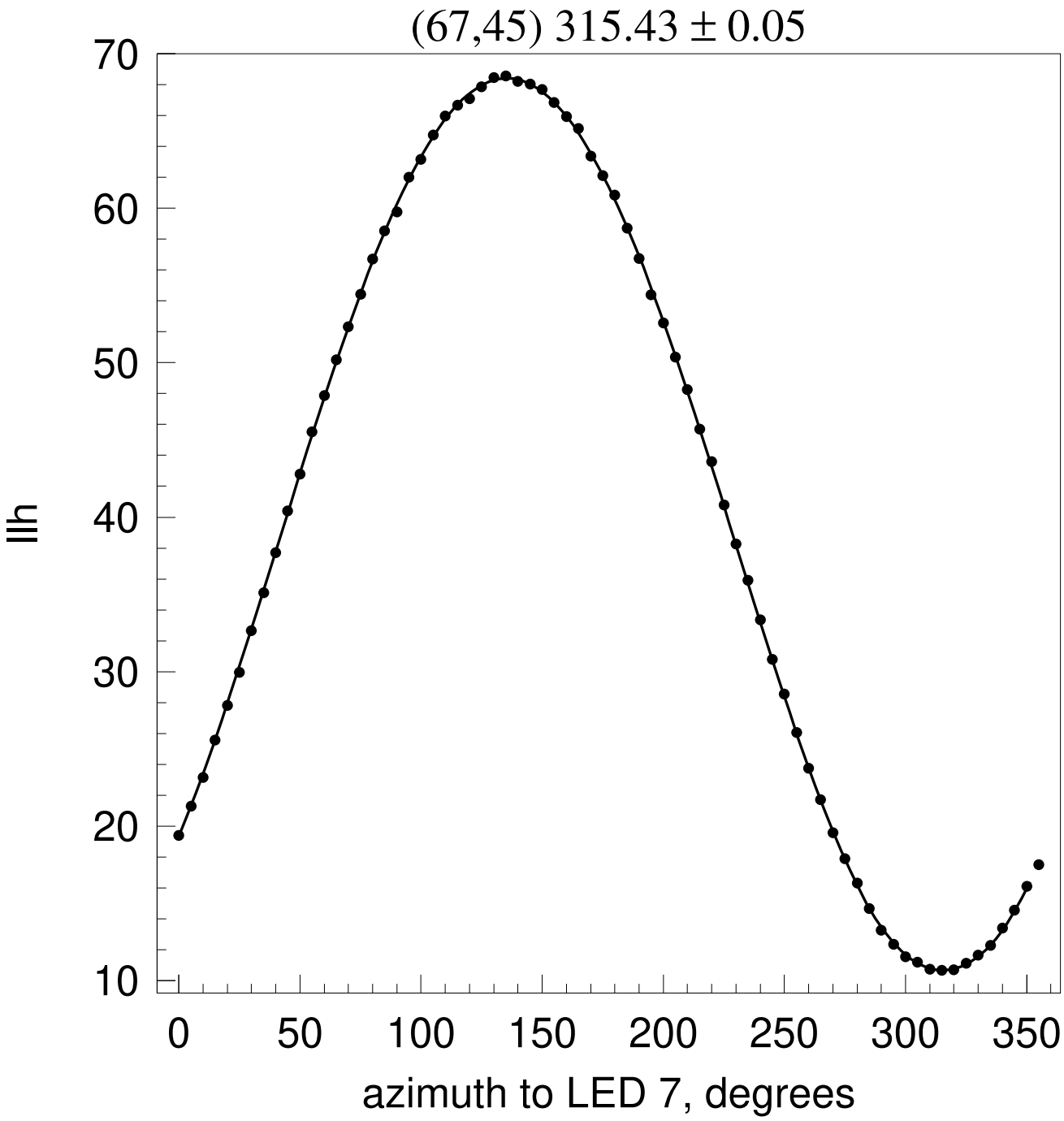

(67,40) 99.68 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

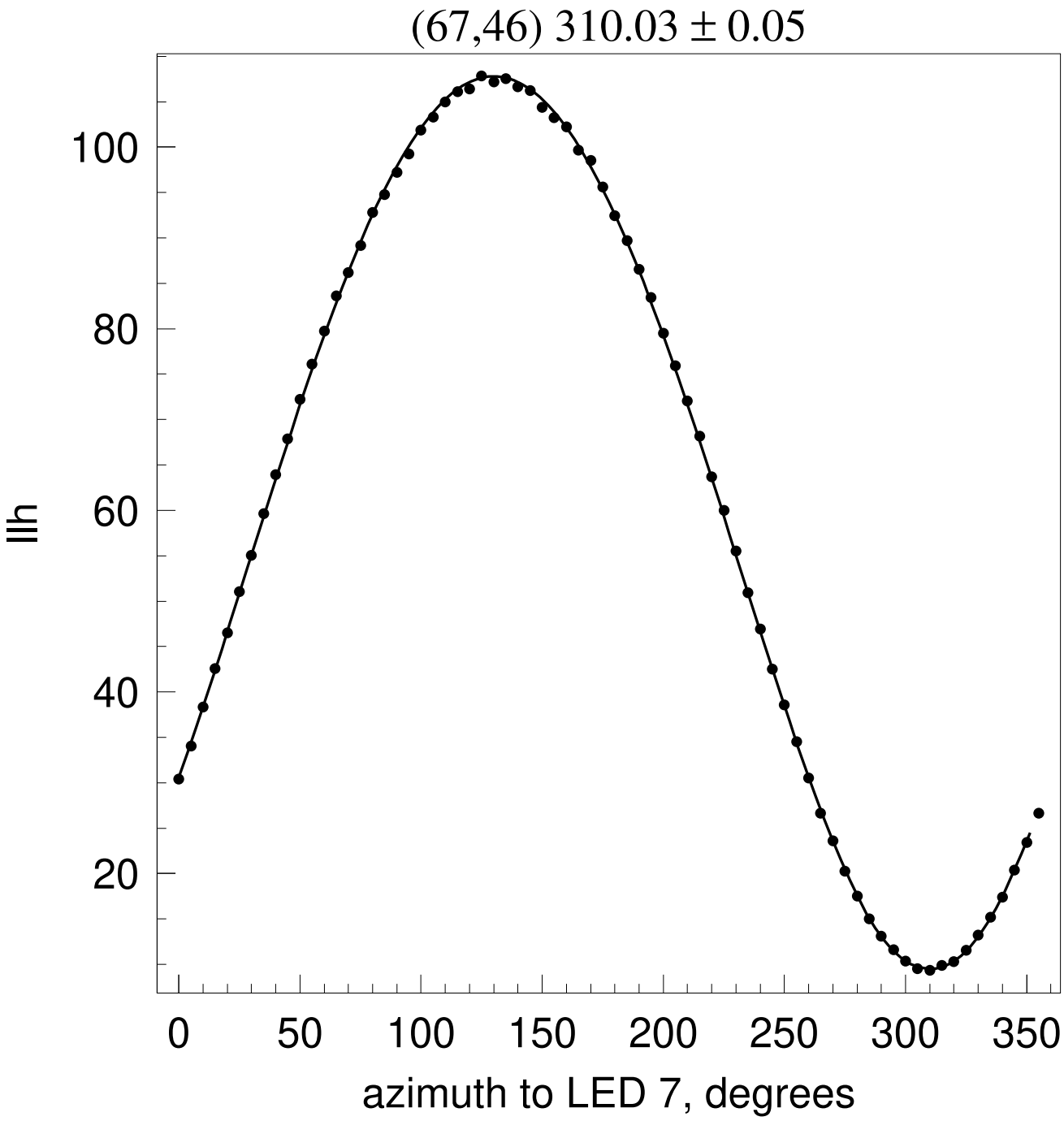

(67,41) 254.68 ± 0.75
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

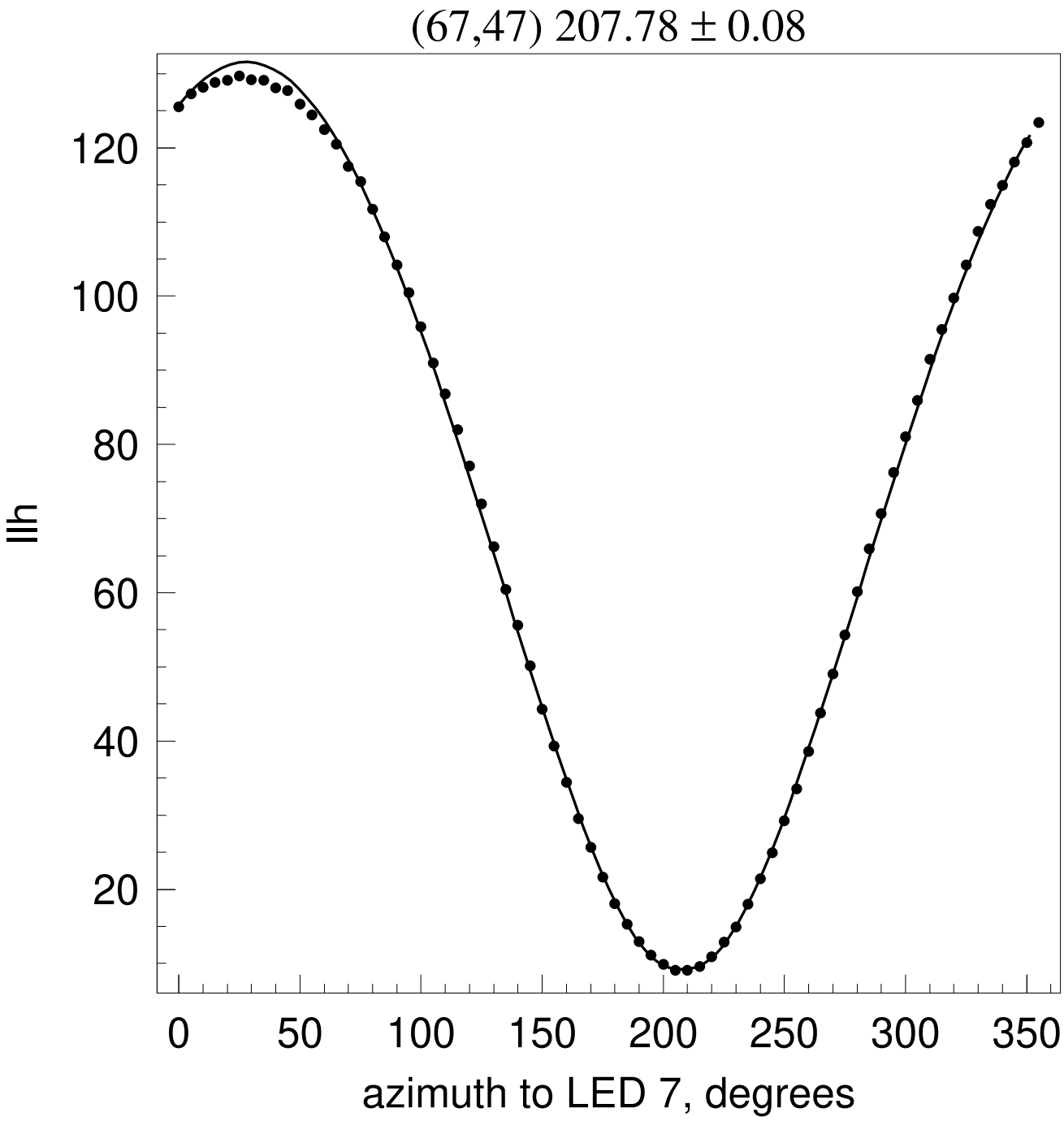

(67,42) 337.76 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

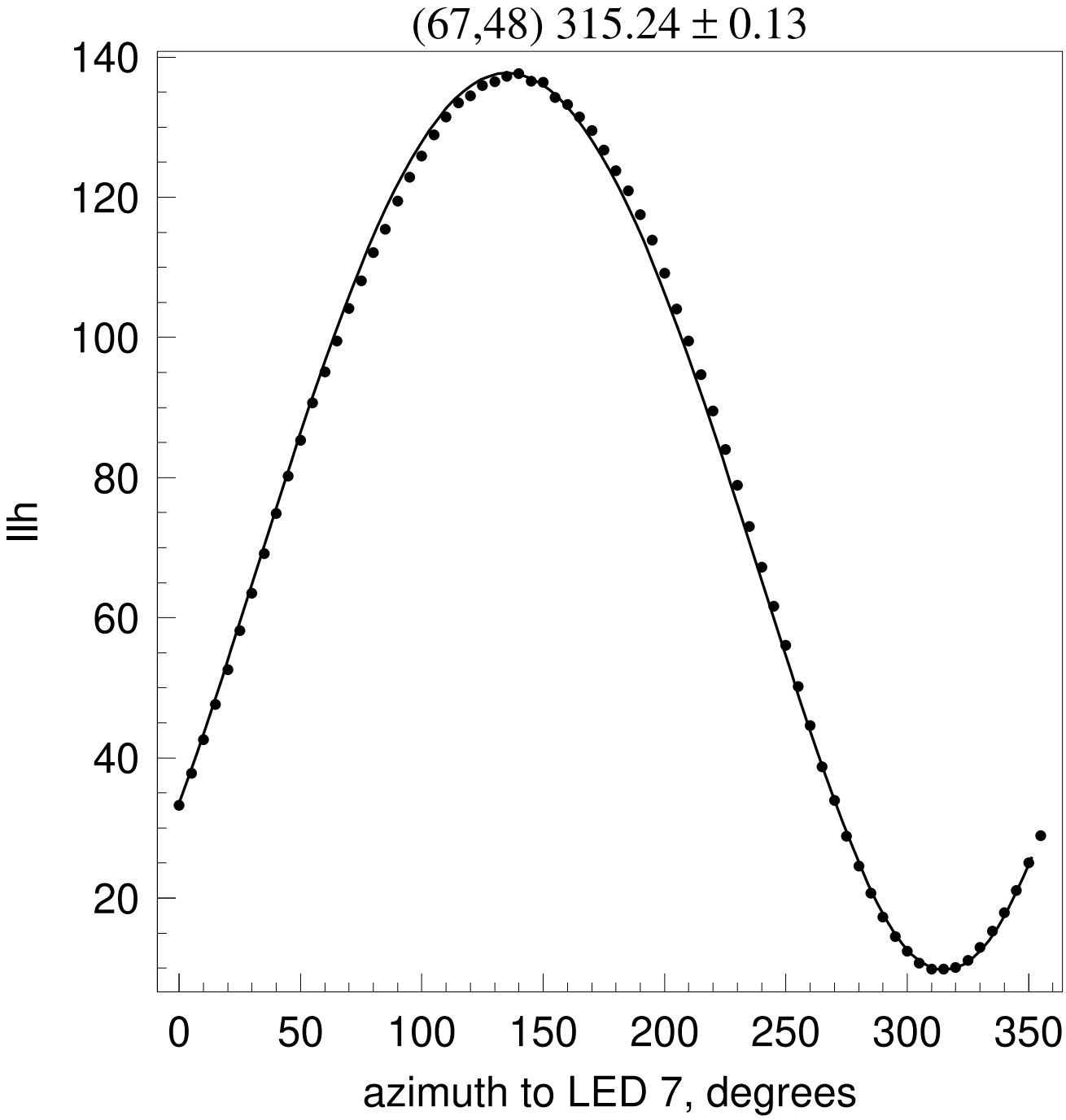

(67,43) 128.43 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

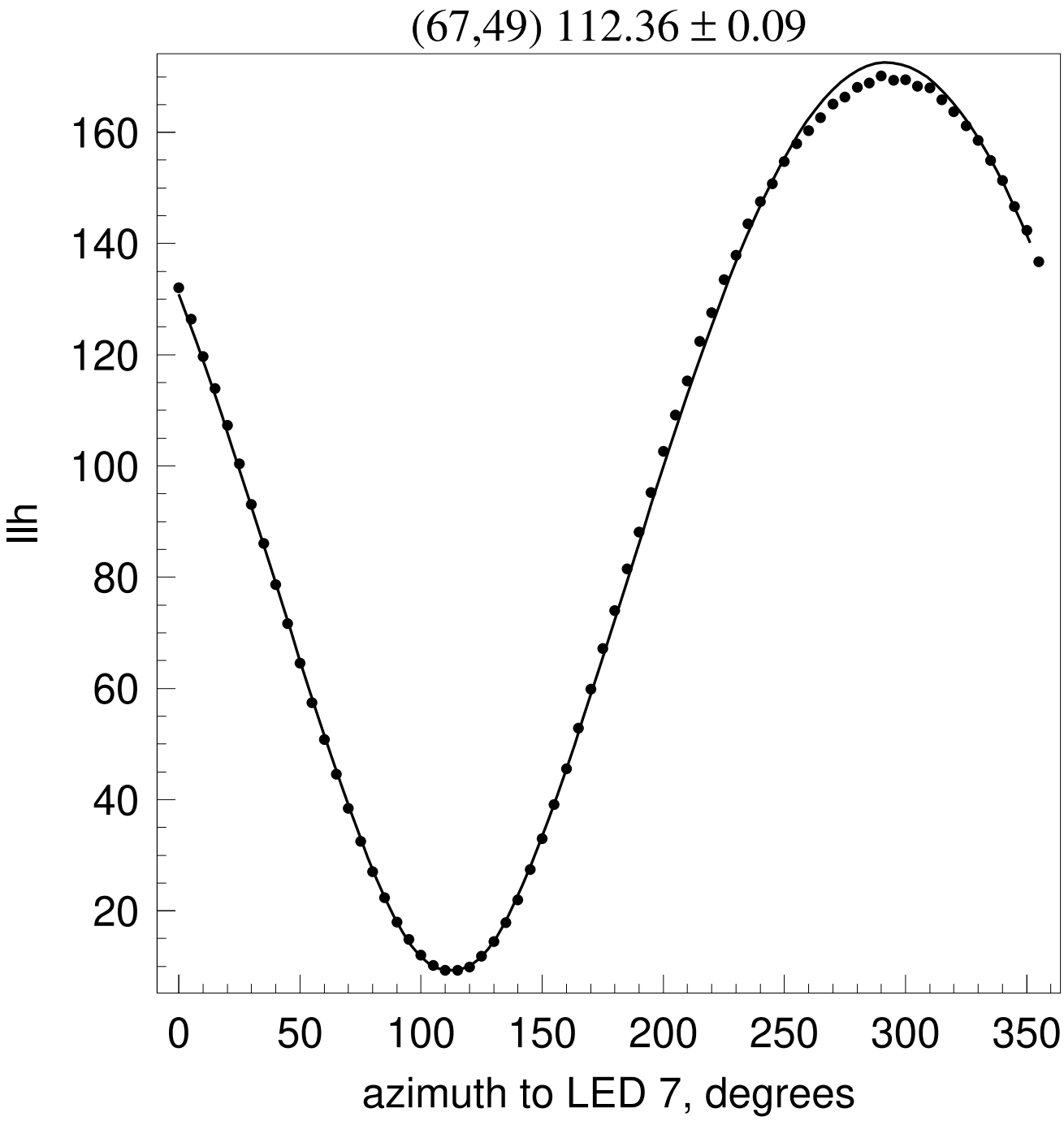

(67,44) 170.19 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

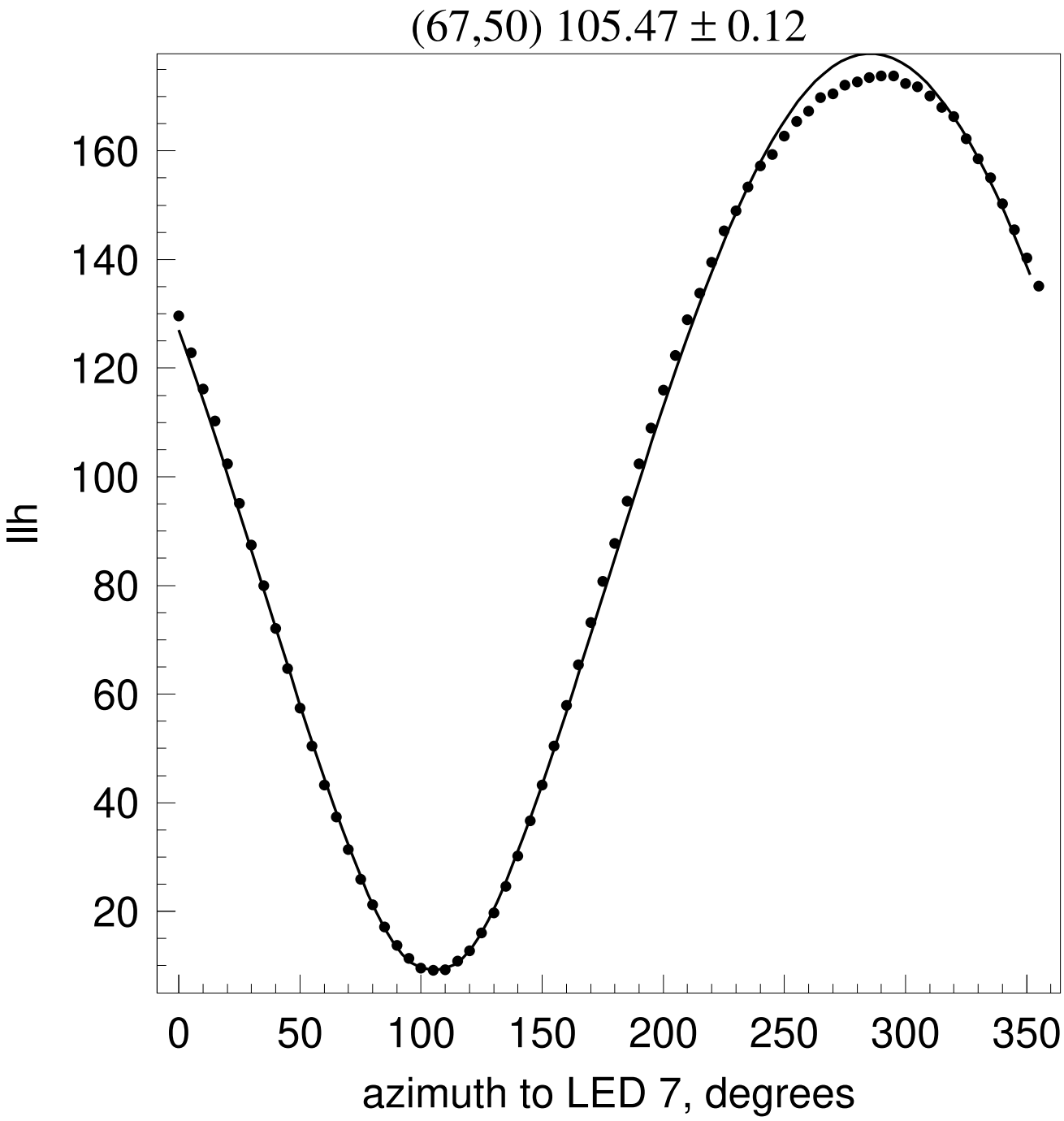

(67,45) 315.43 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

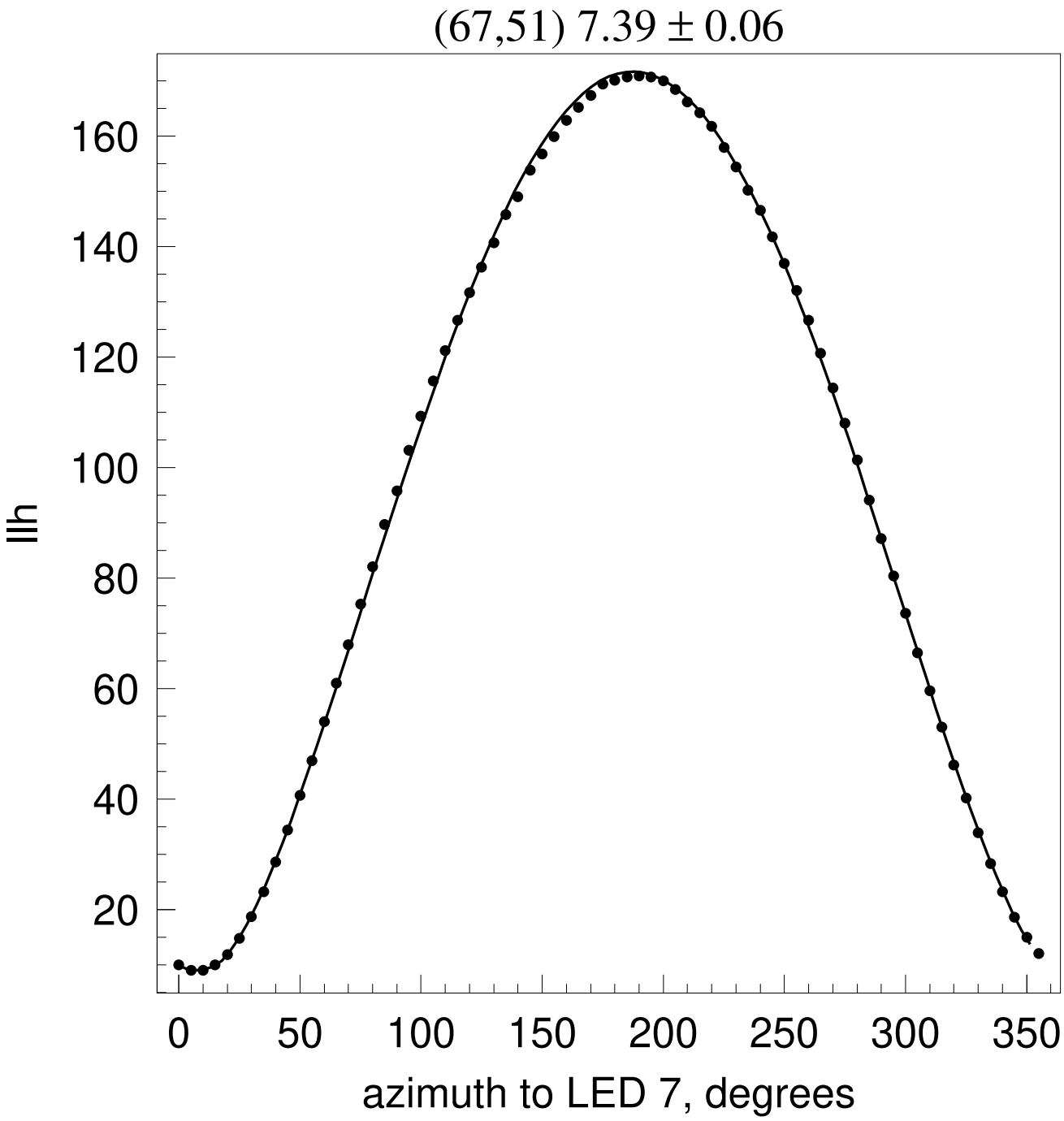

(67,46) 310.03 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

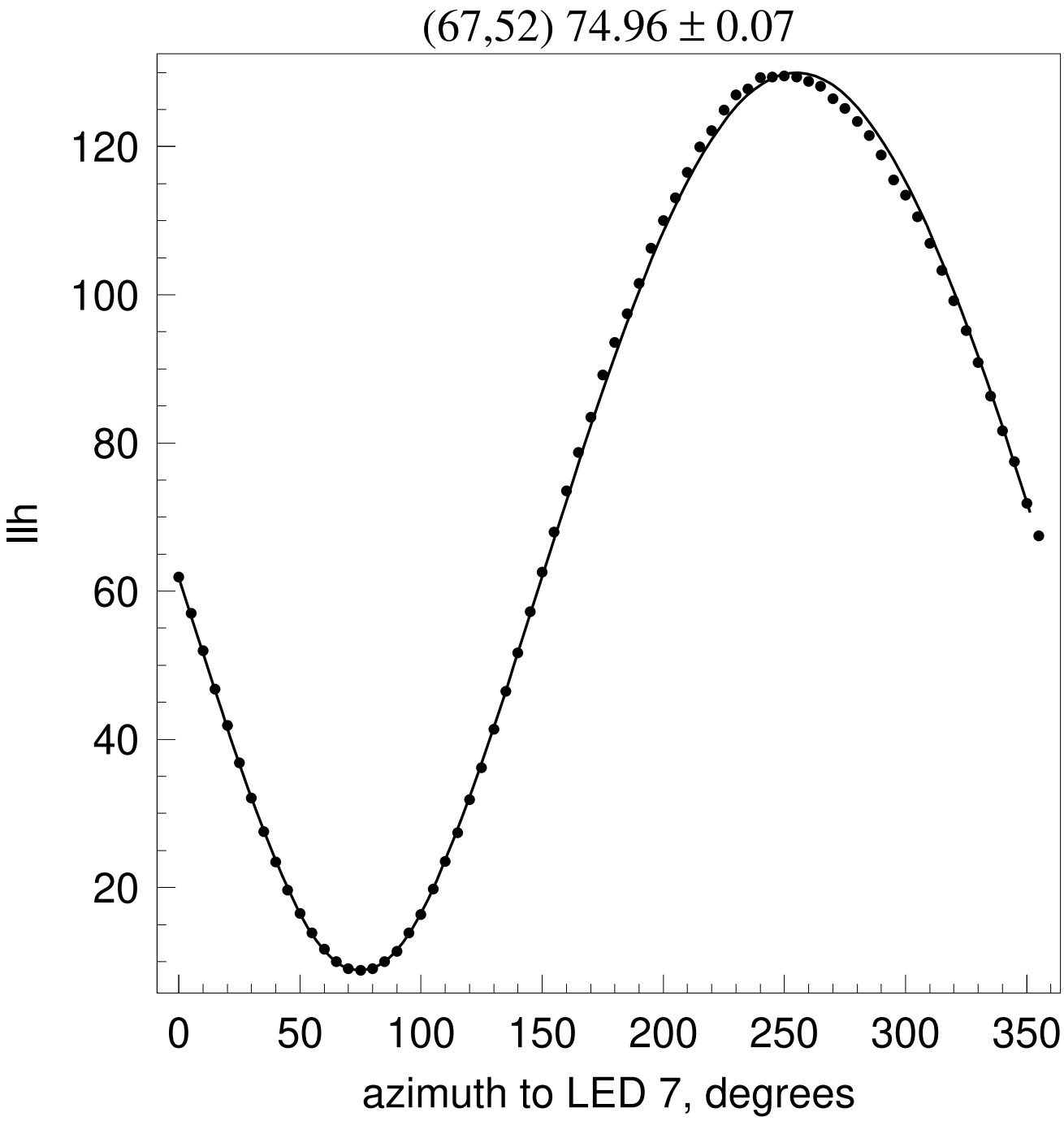

(67,47) 207.78 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

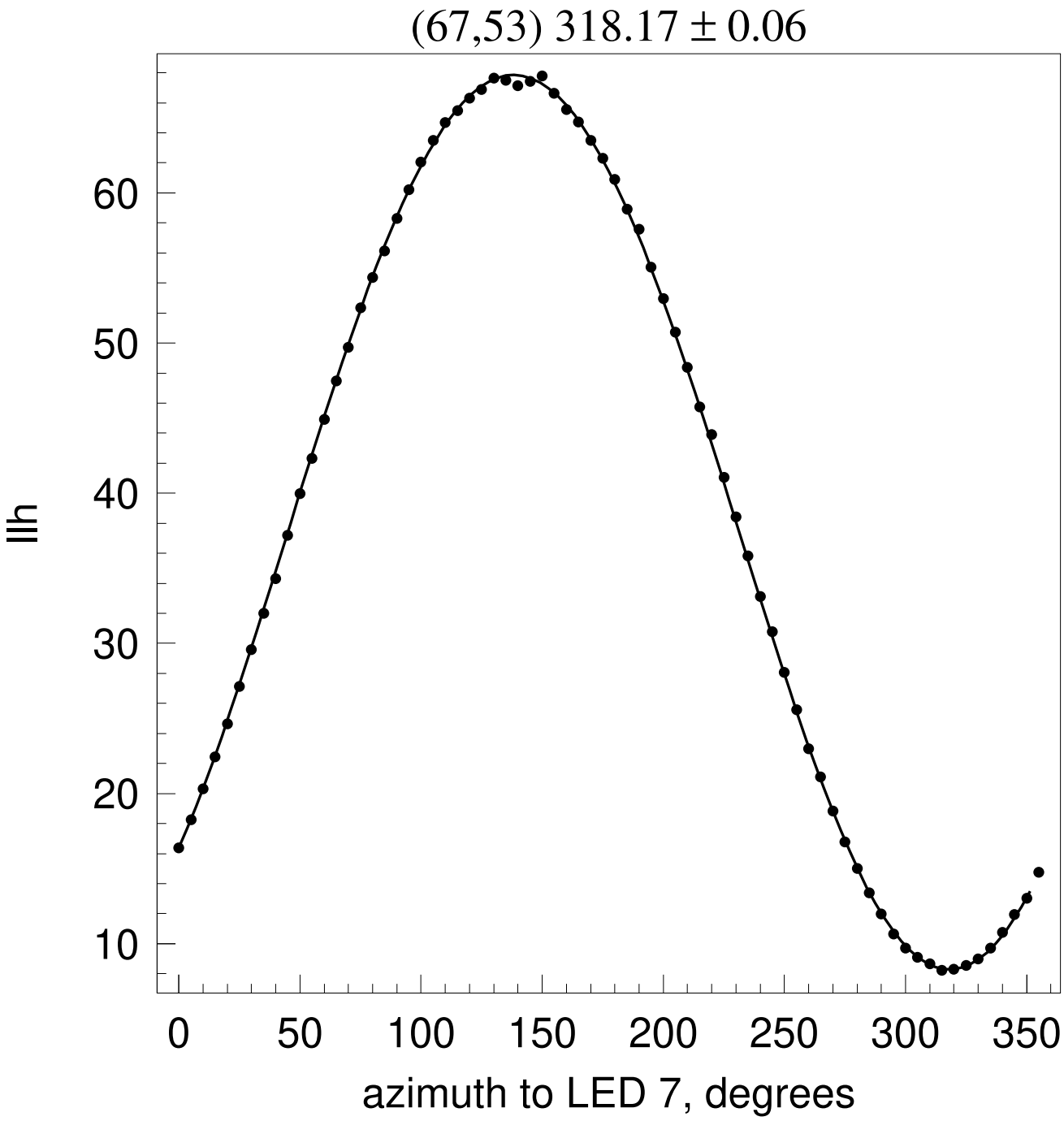

(67,48) 315.24 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

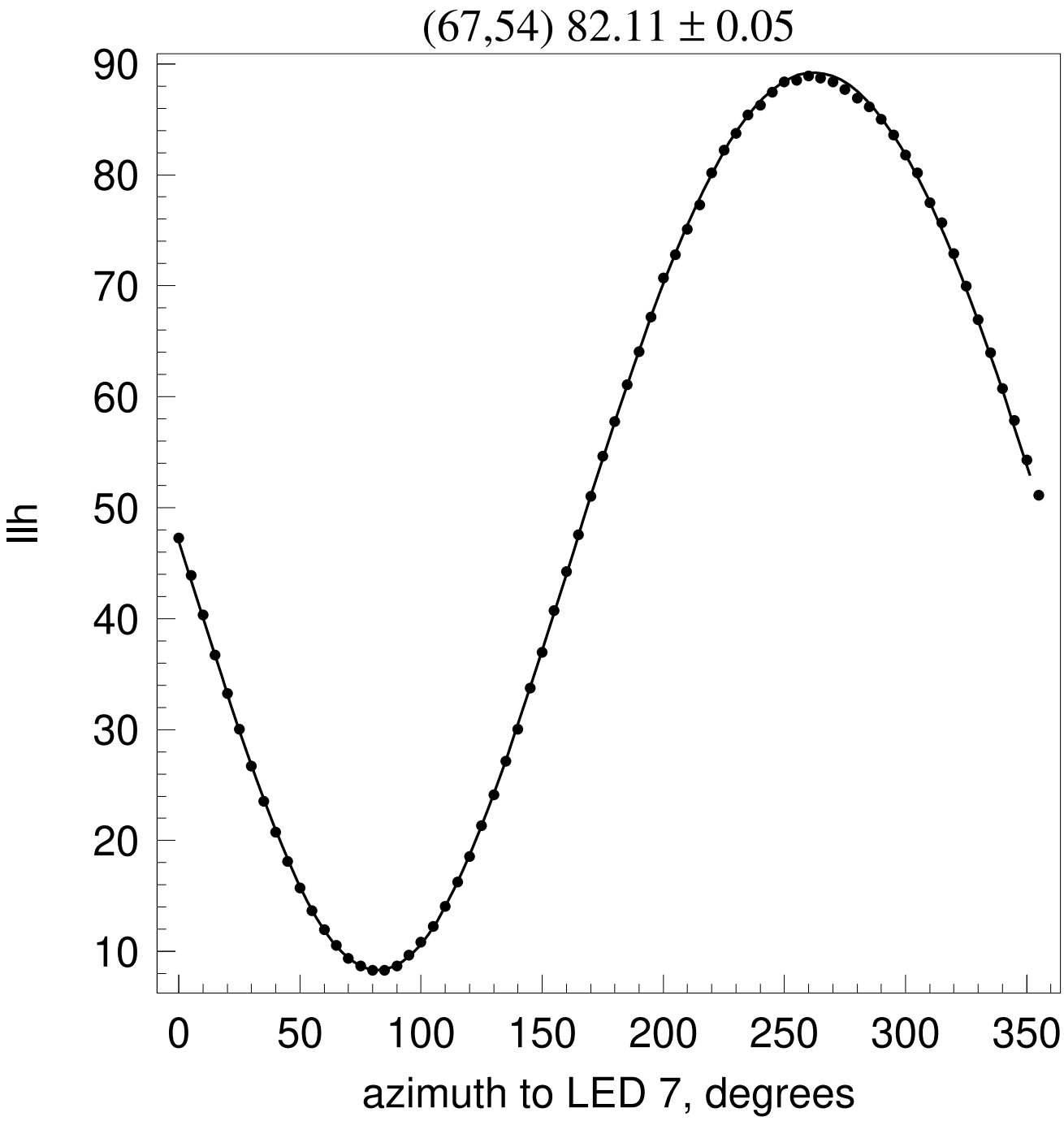

(67,49) 112.36 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

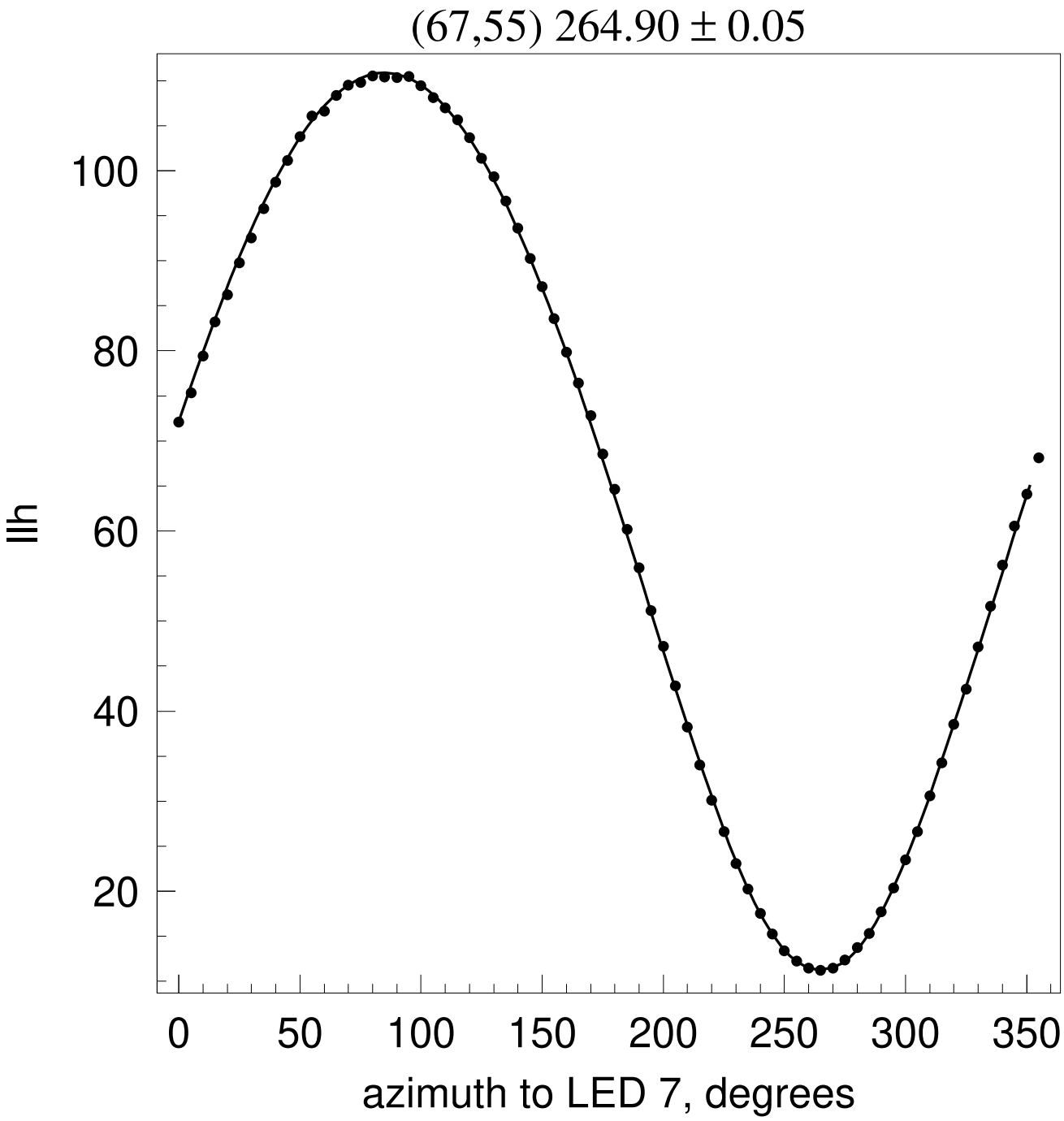

(67,50) 105.47 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

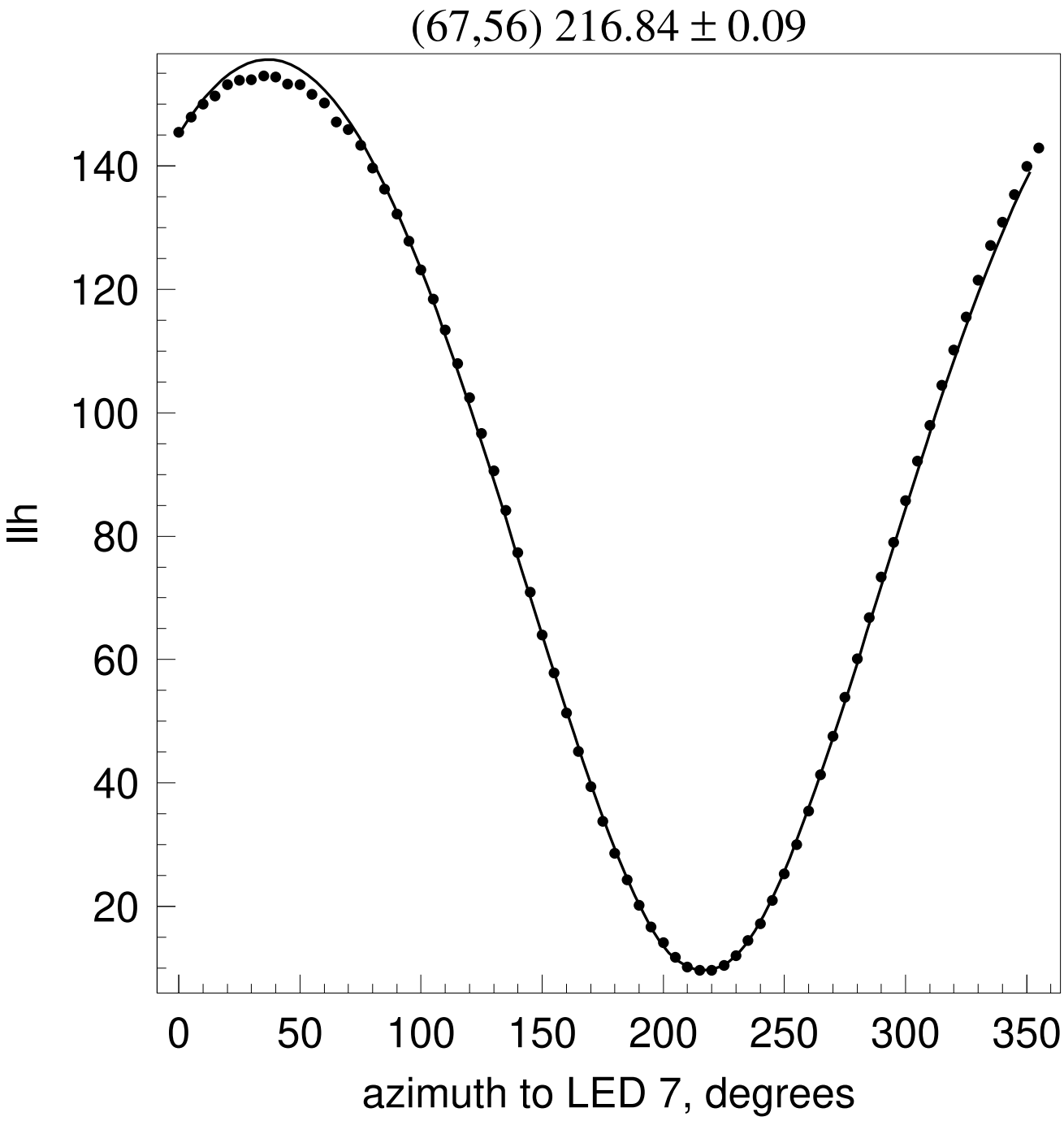

(67,51) 7.39 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

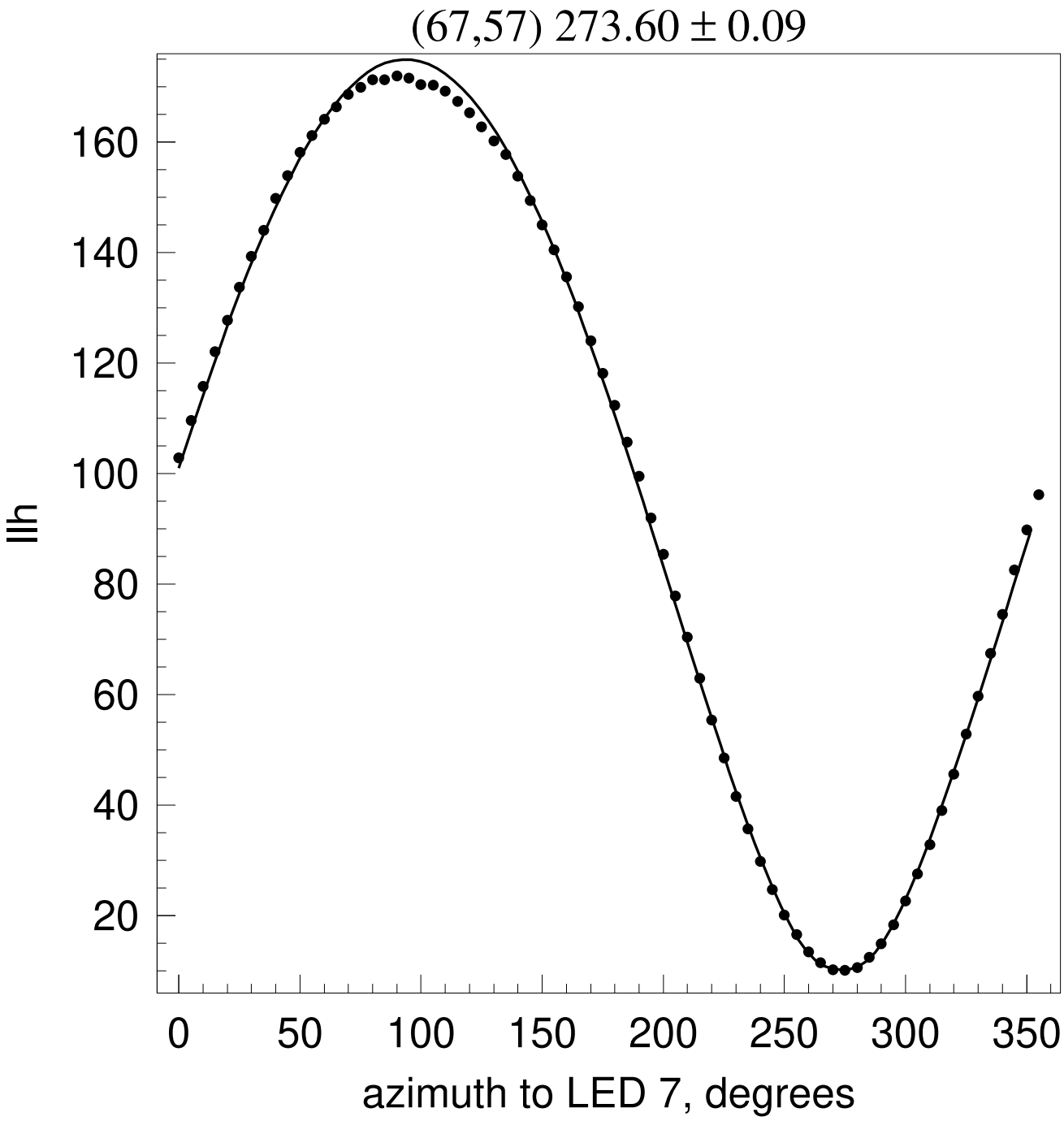

(67,52) 74.96 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

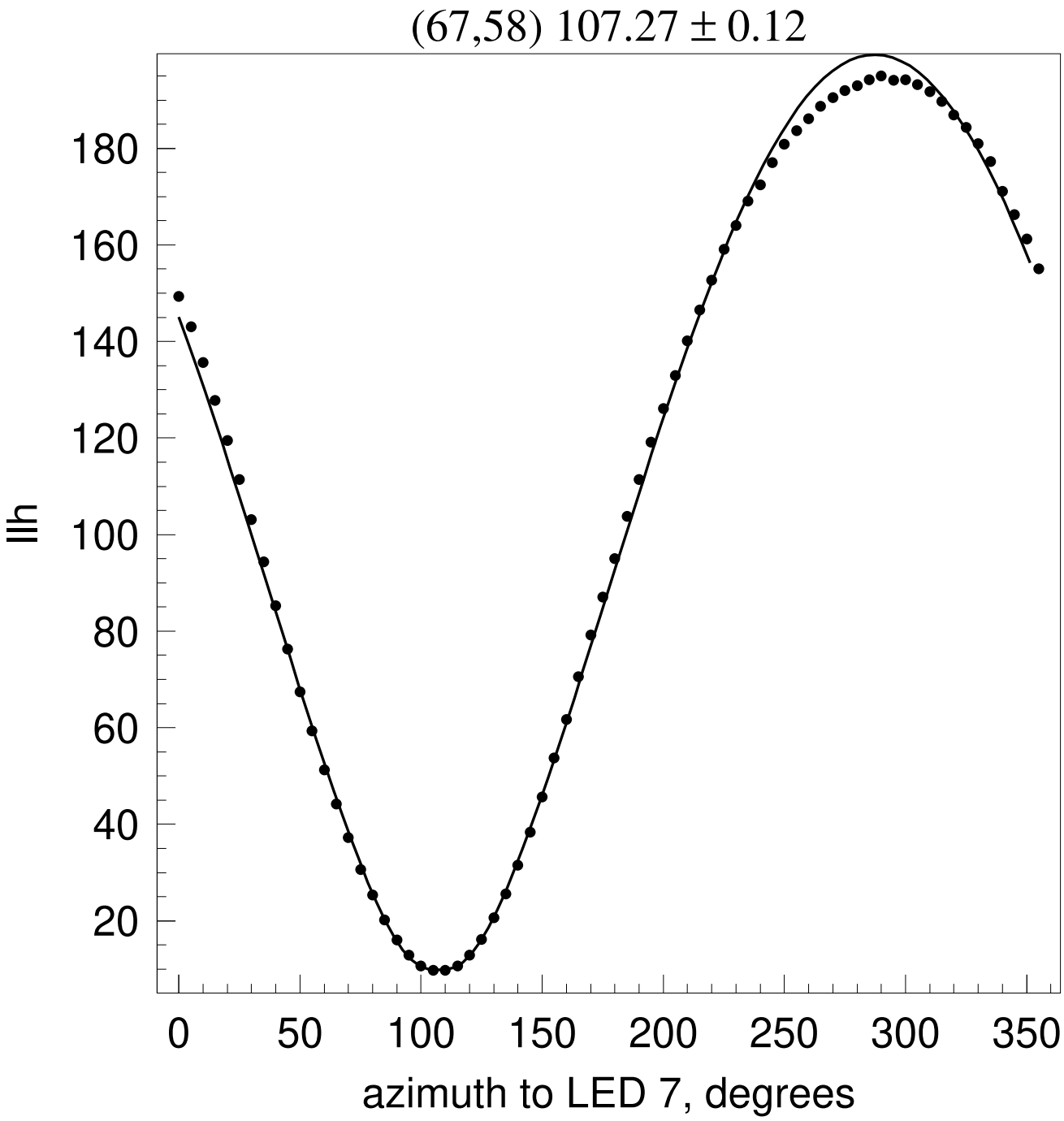

(67,53) 318.17 ± 0.06
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

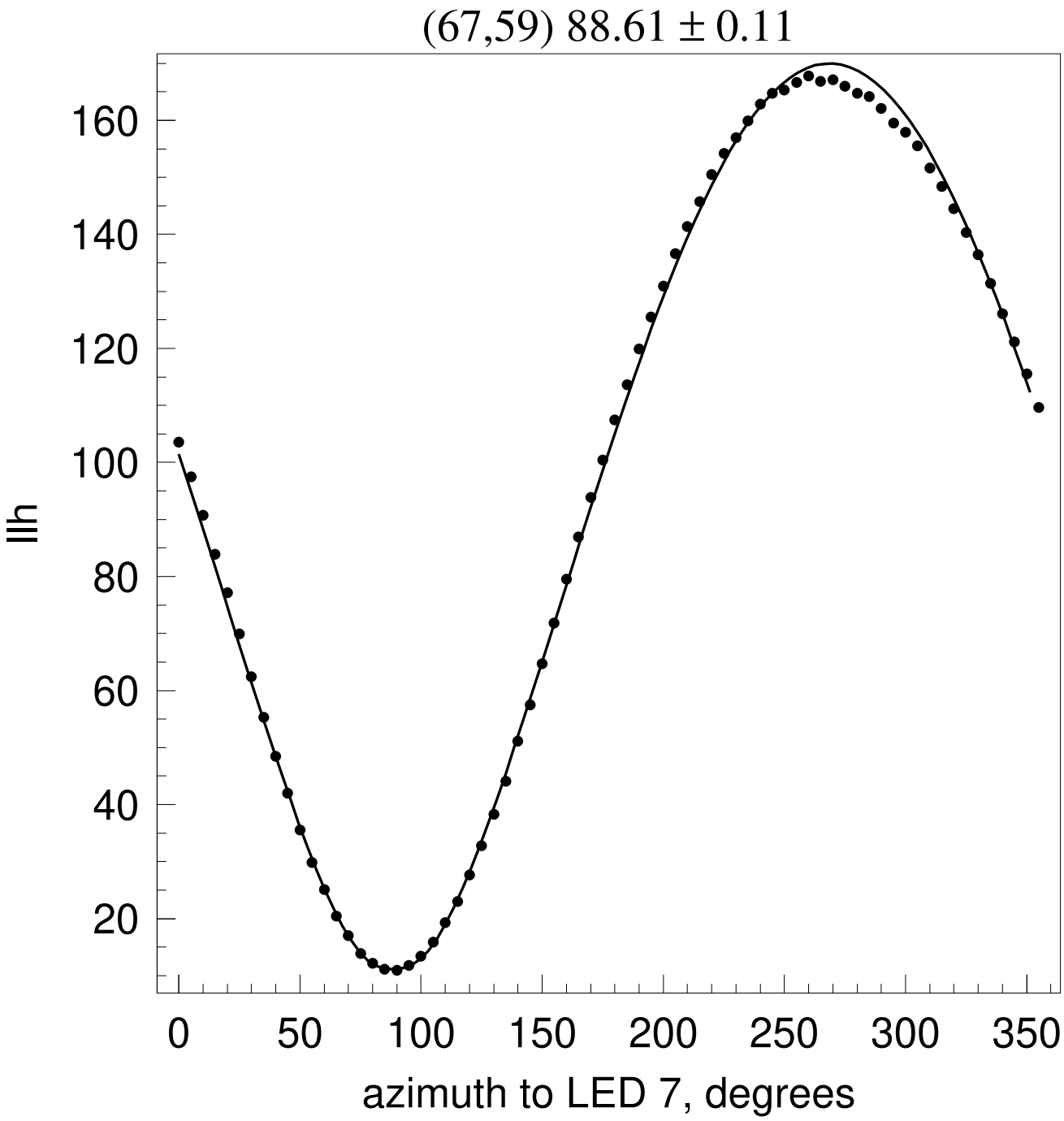

(67,54) 82.11 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

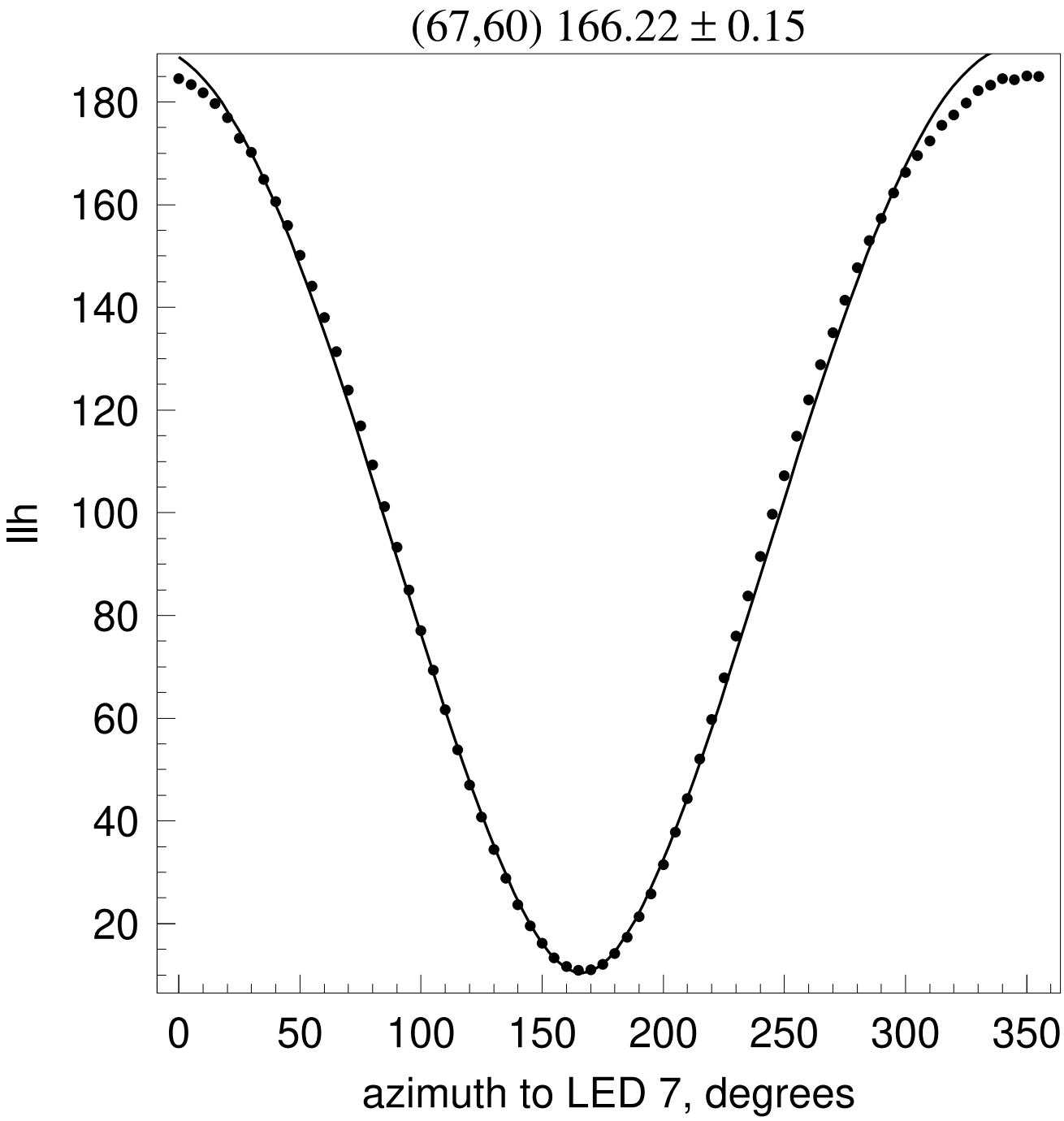

(67,55) 264.90 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

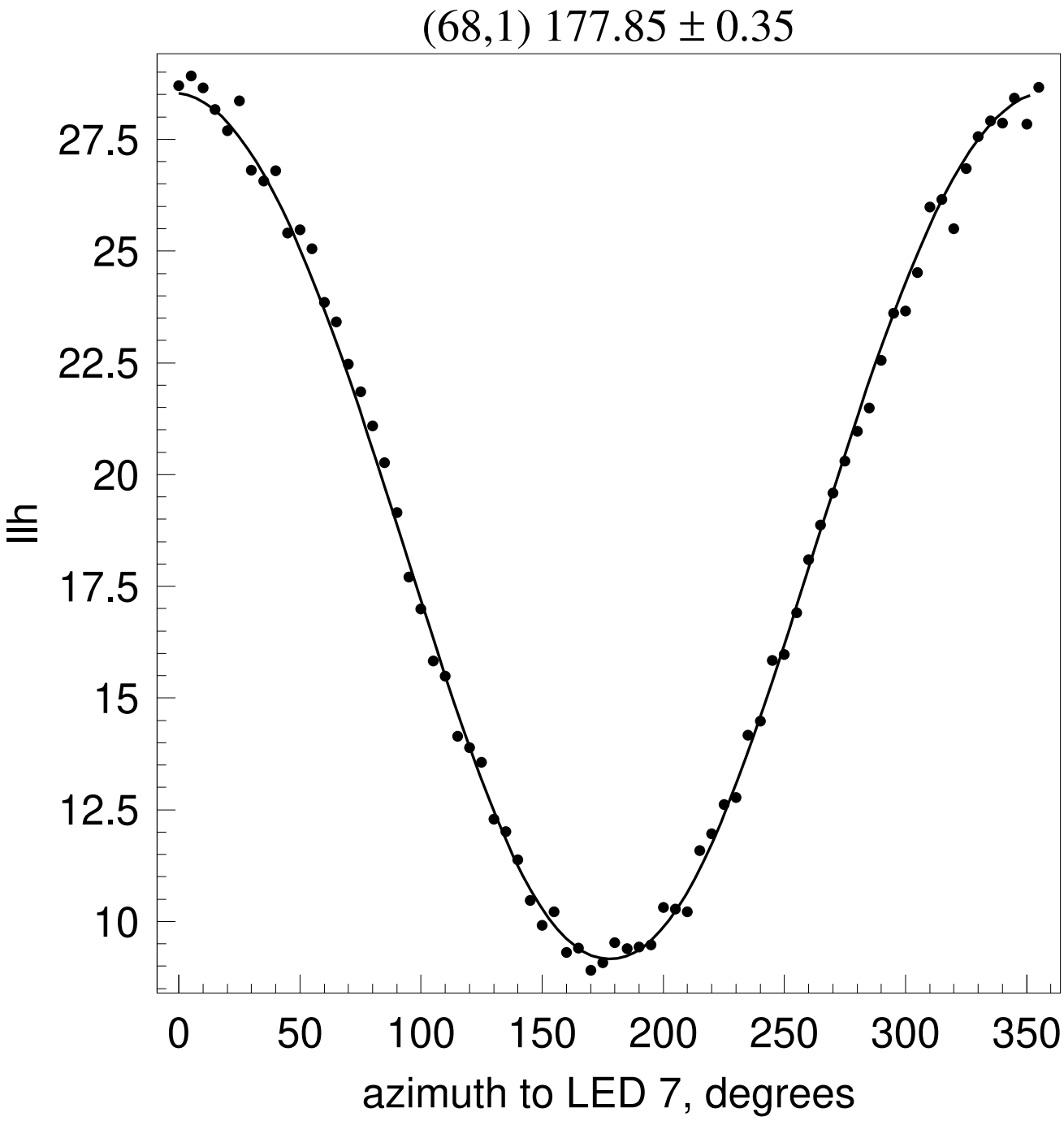

(67,56) 216.84 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

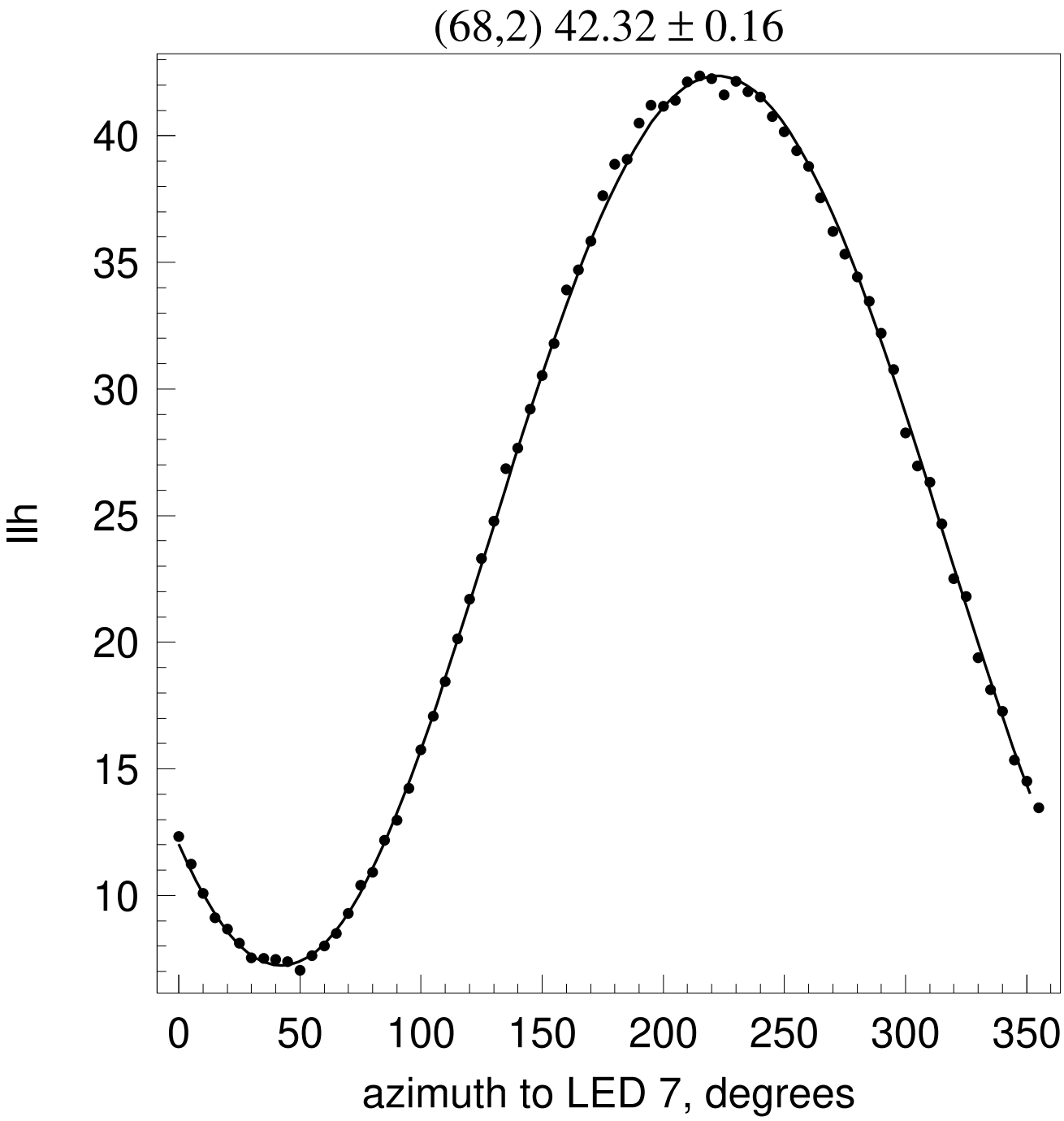

(67,57) 273.60 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

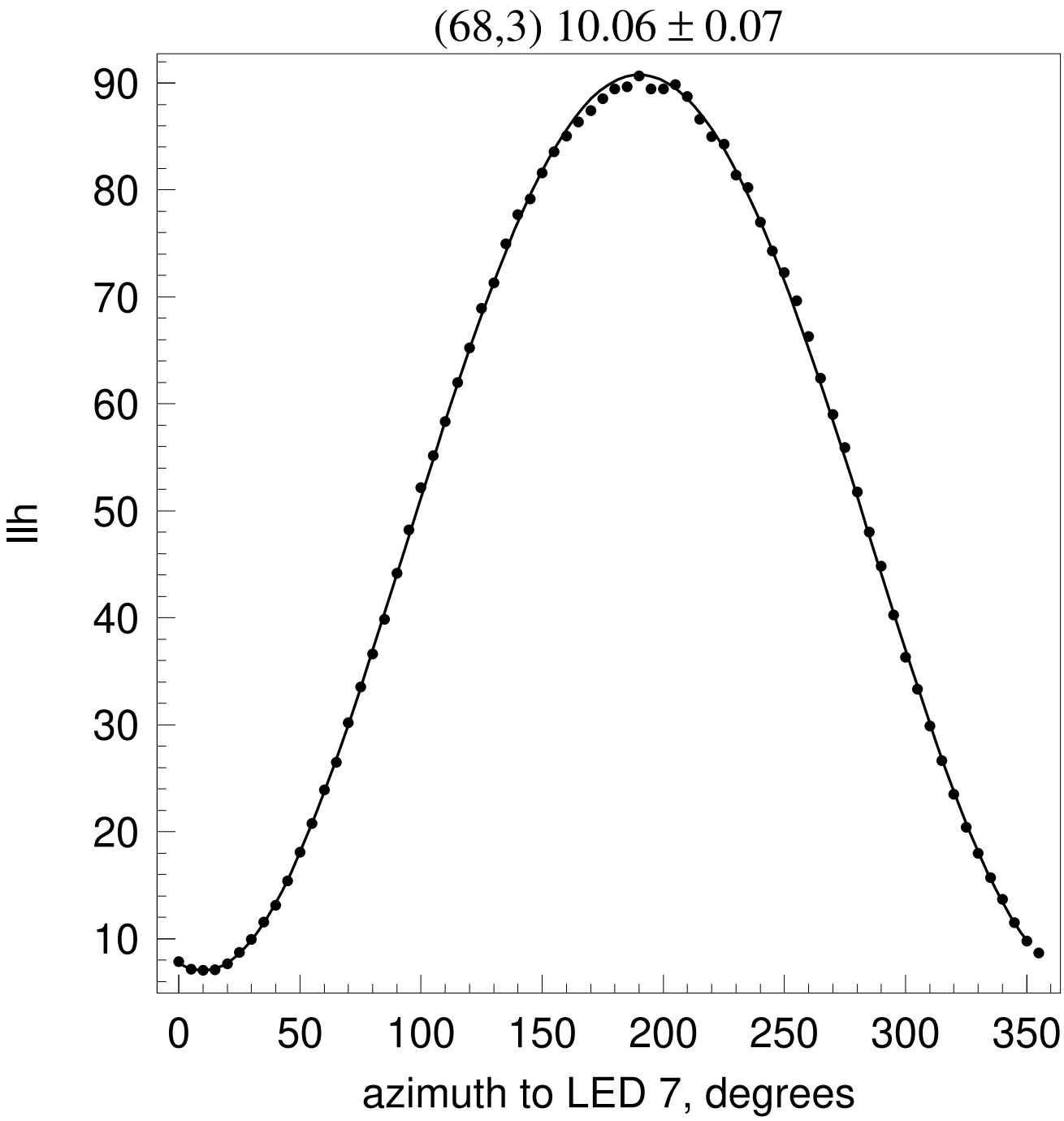

(67,58) 107.27 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

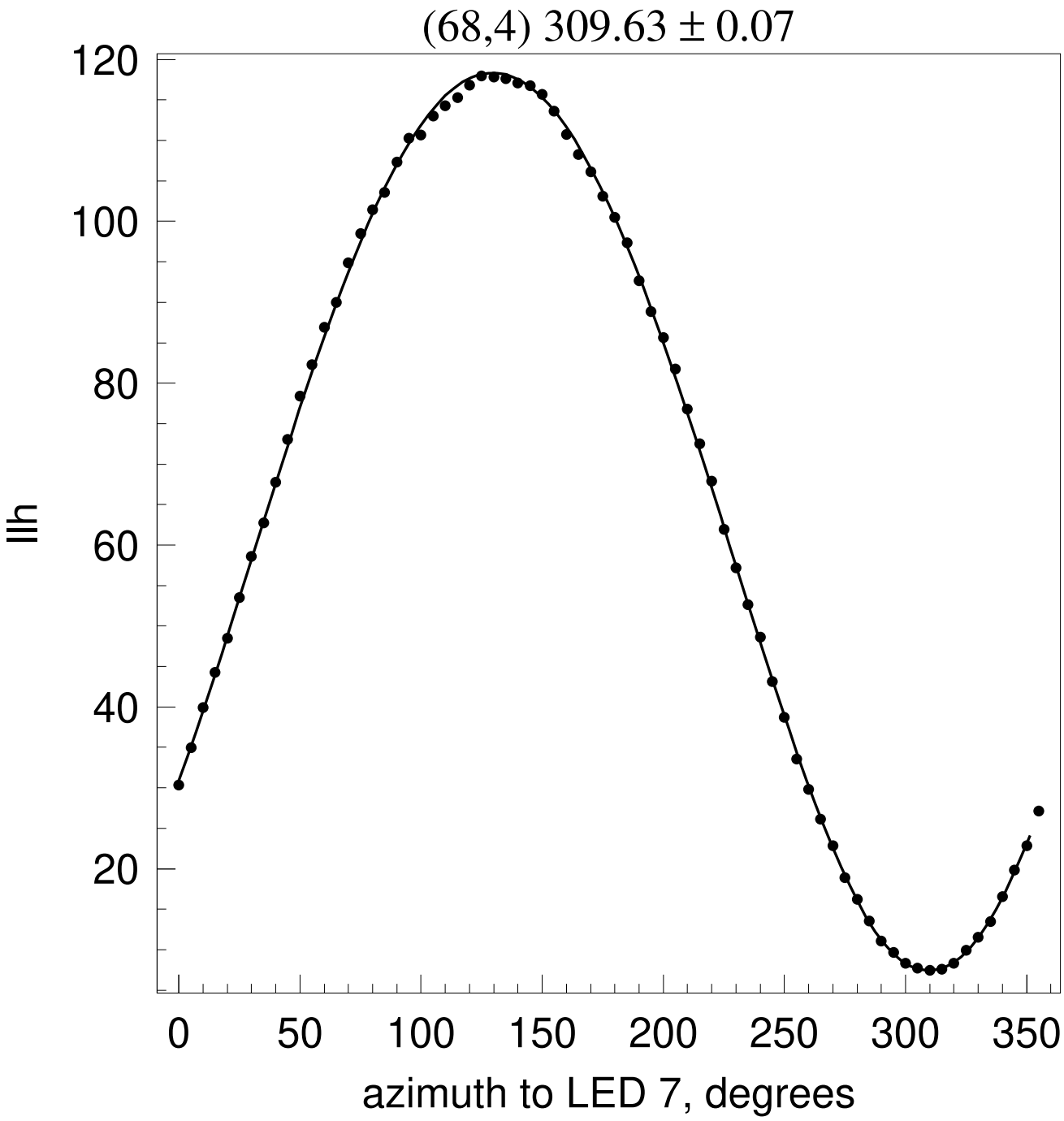

(67,59) 88.61 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

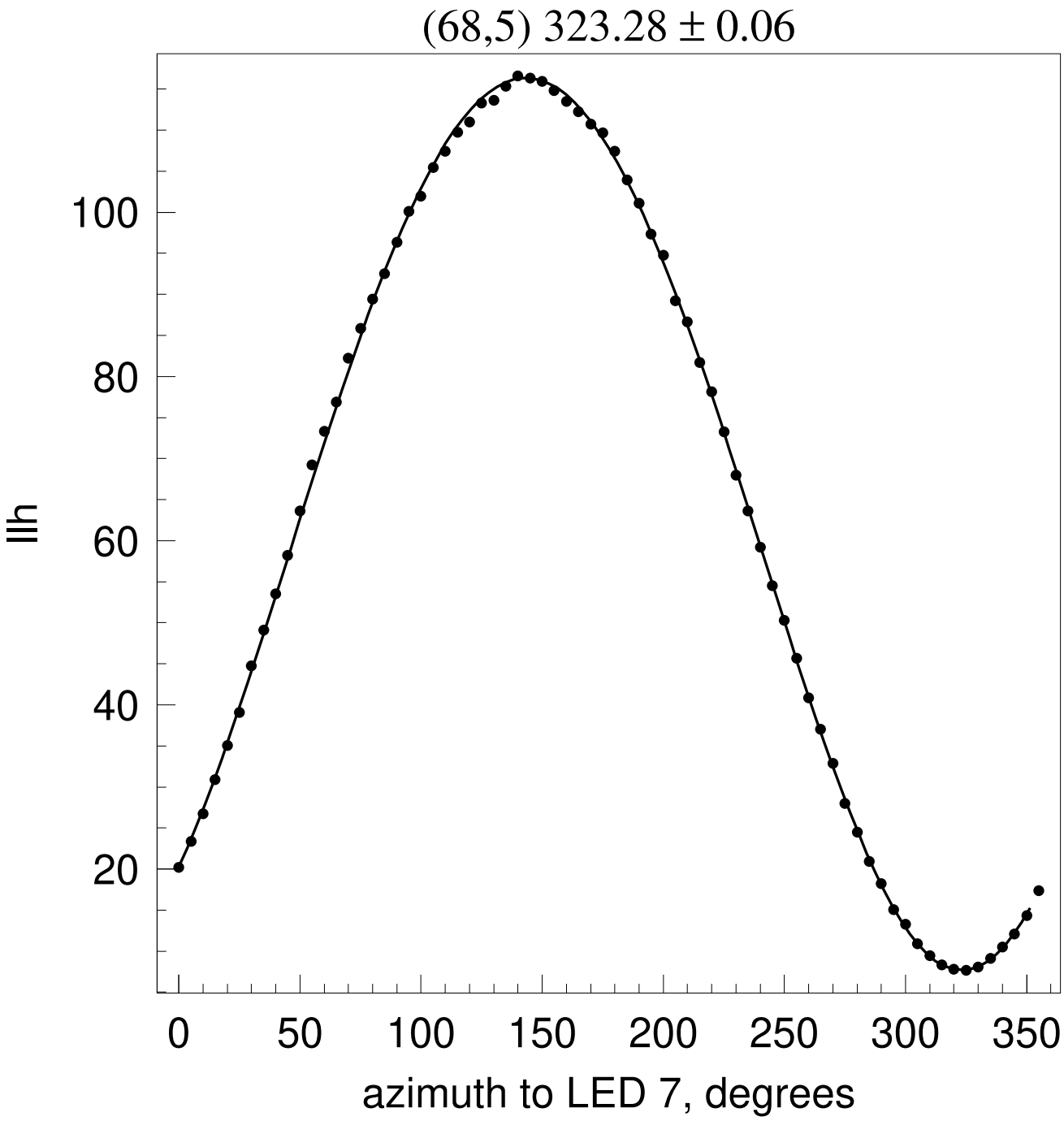

(67,60) 166.22 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

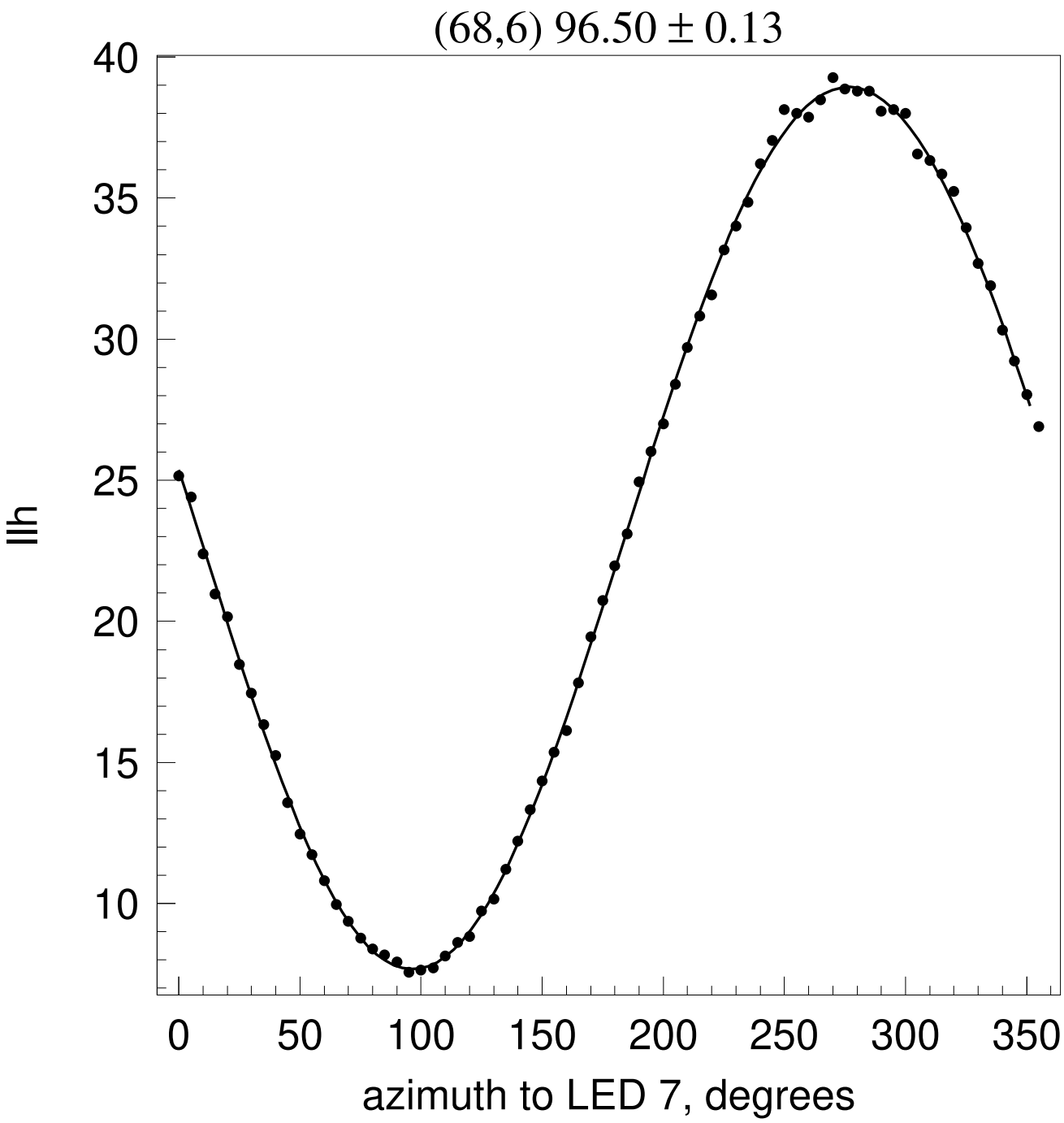

(68,1) 177.85 ± 0.35
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

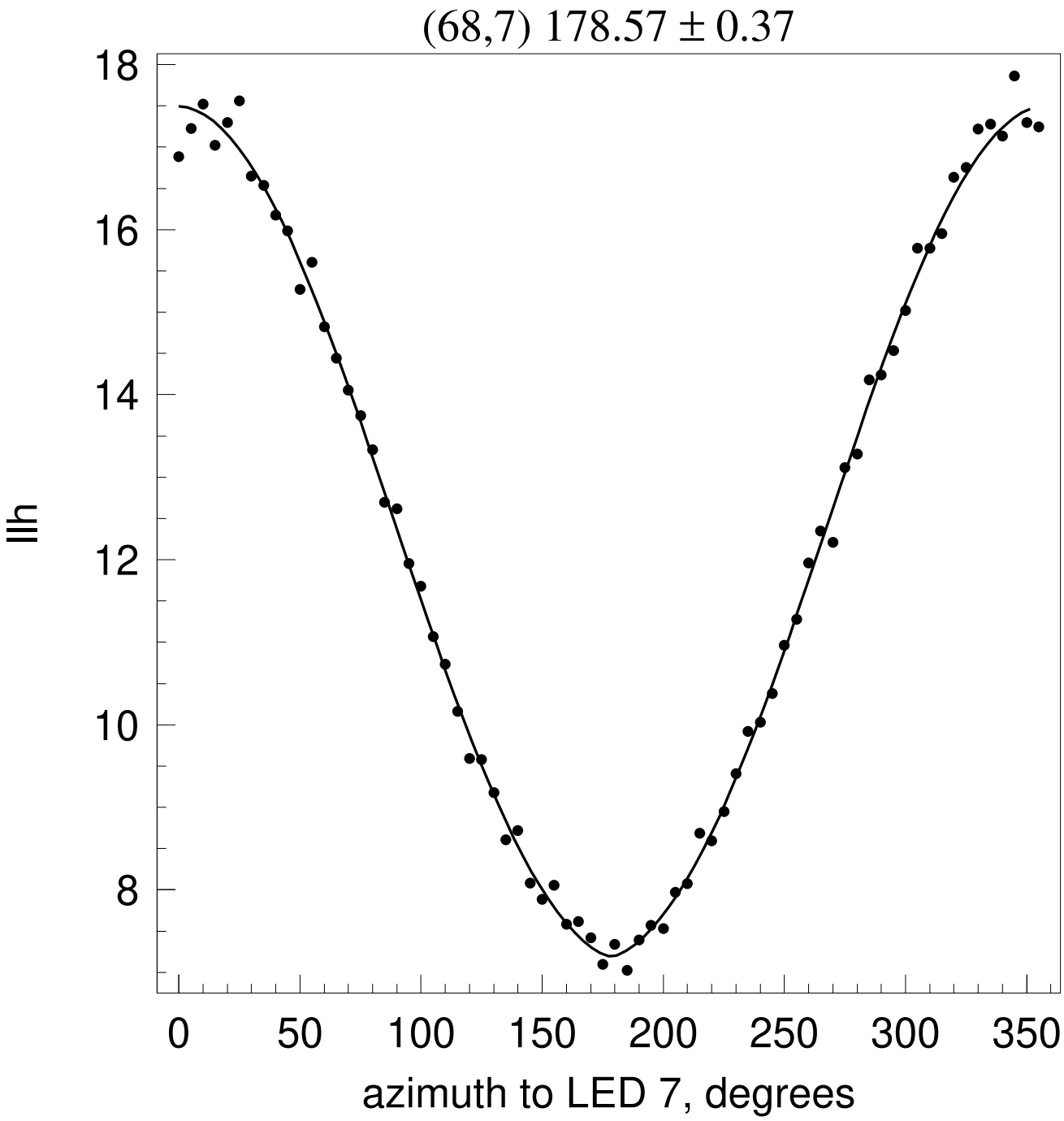

(68,2) 42.32 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

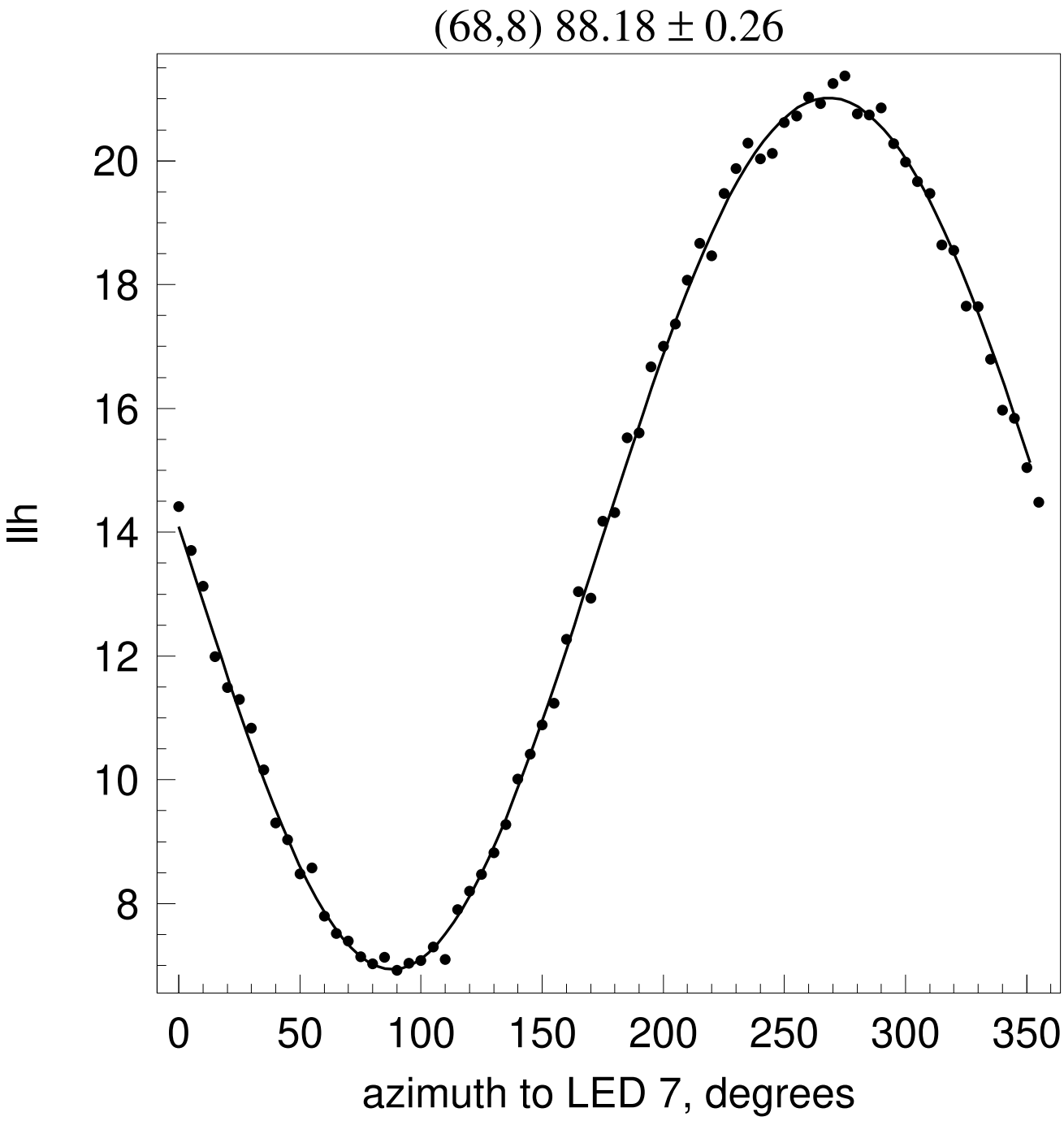

(68,3) 10.06 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

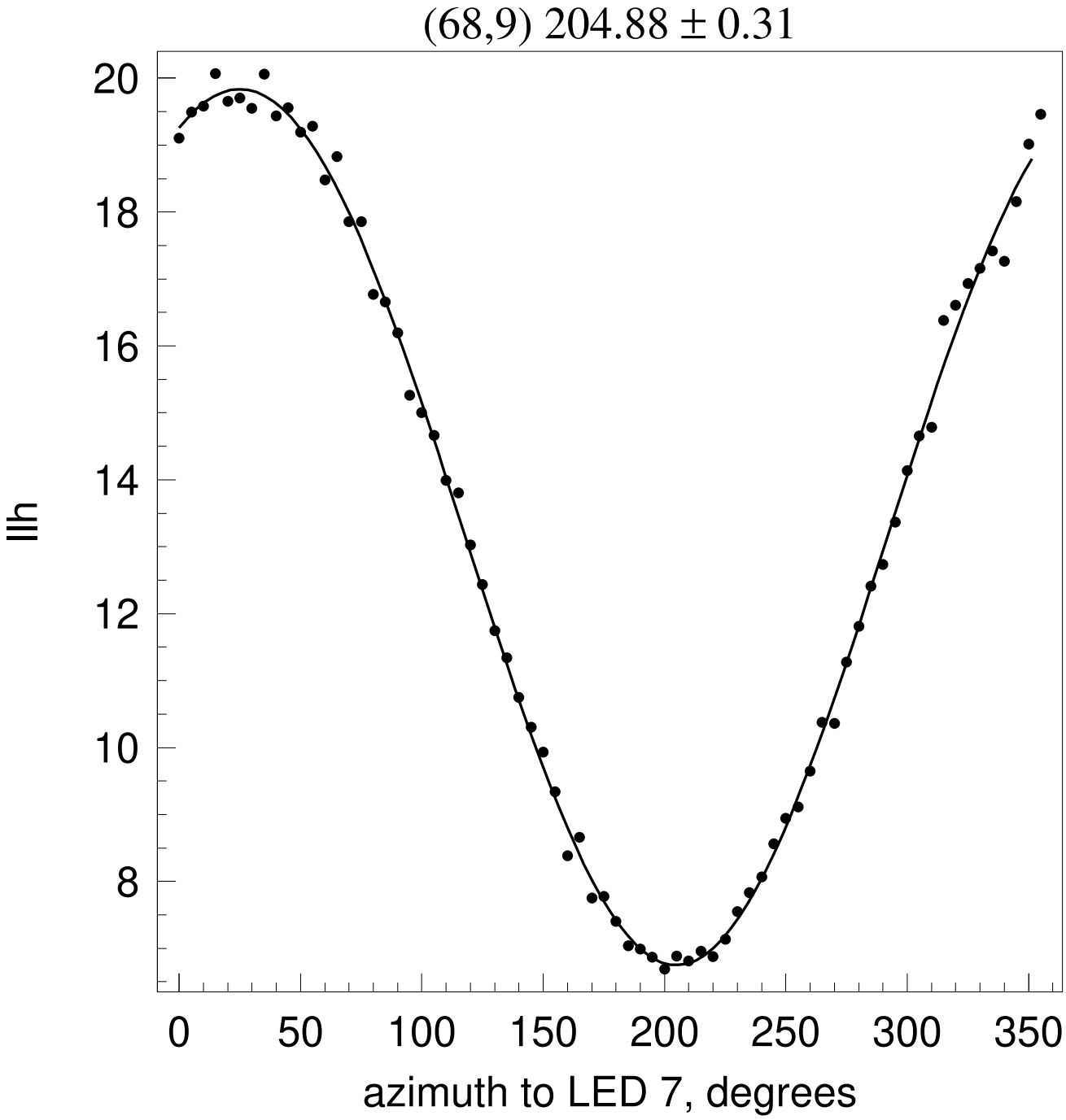

(68,4) 309.63 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

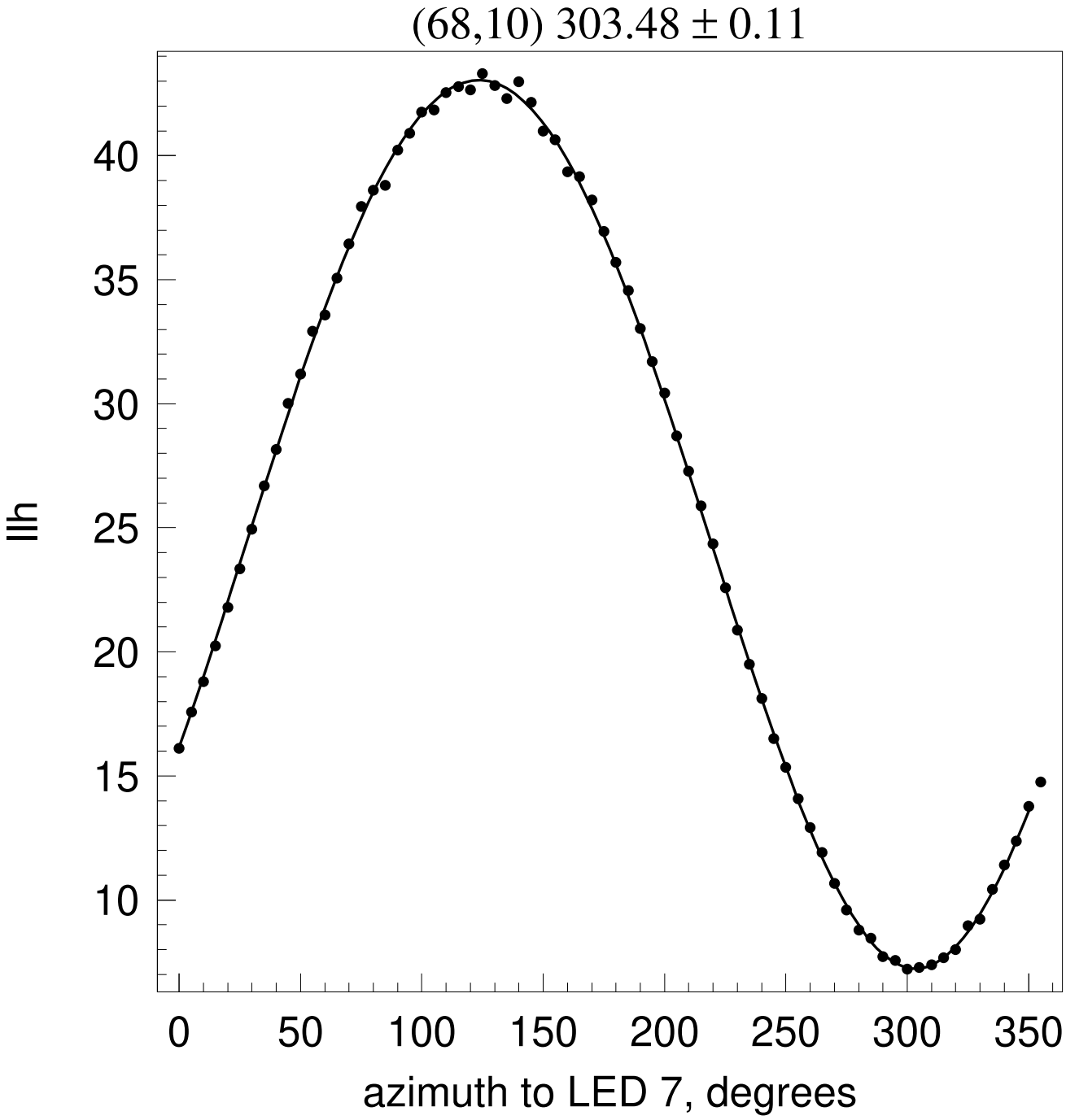

(68,5) 323.28 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

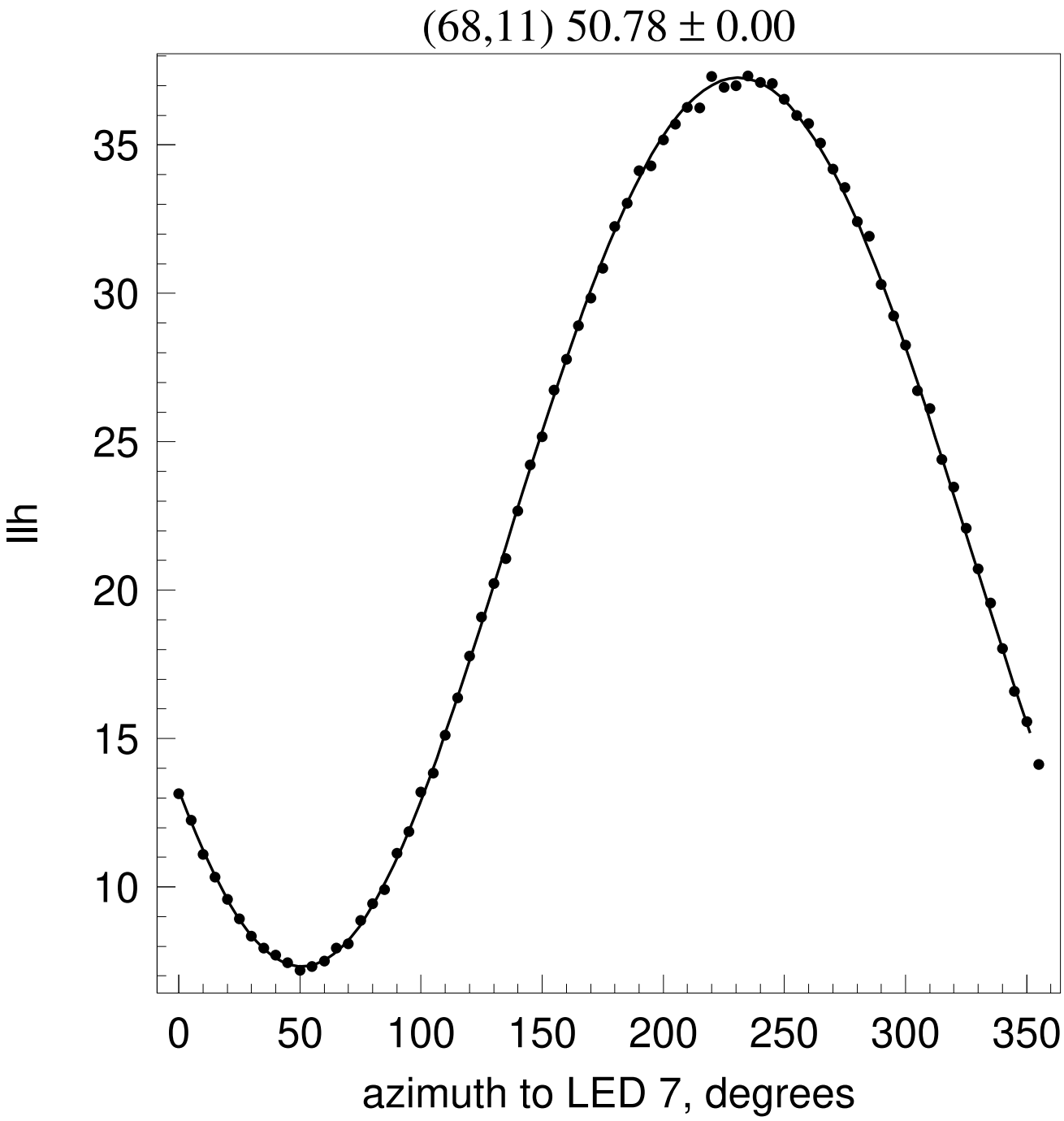

(68,6) 96.50 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

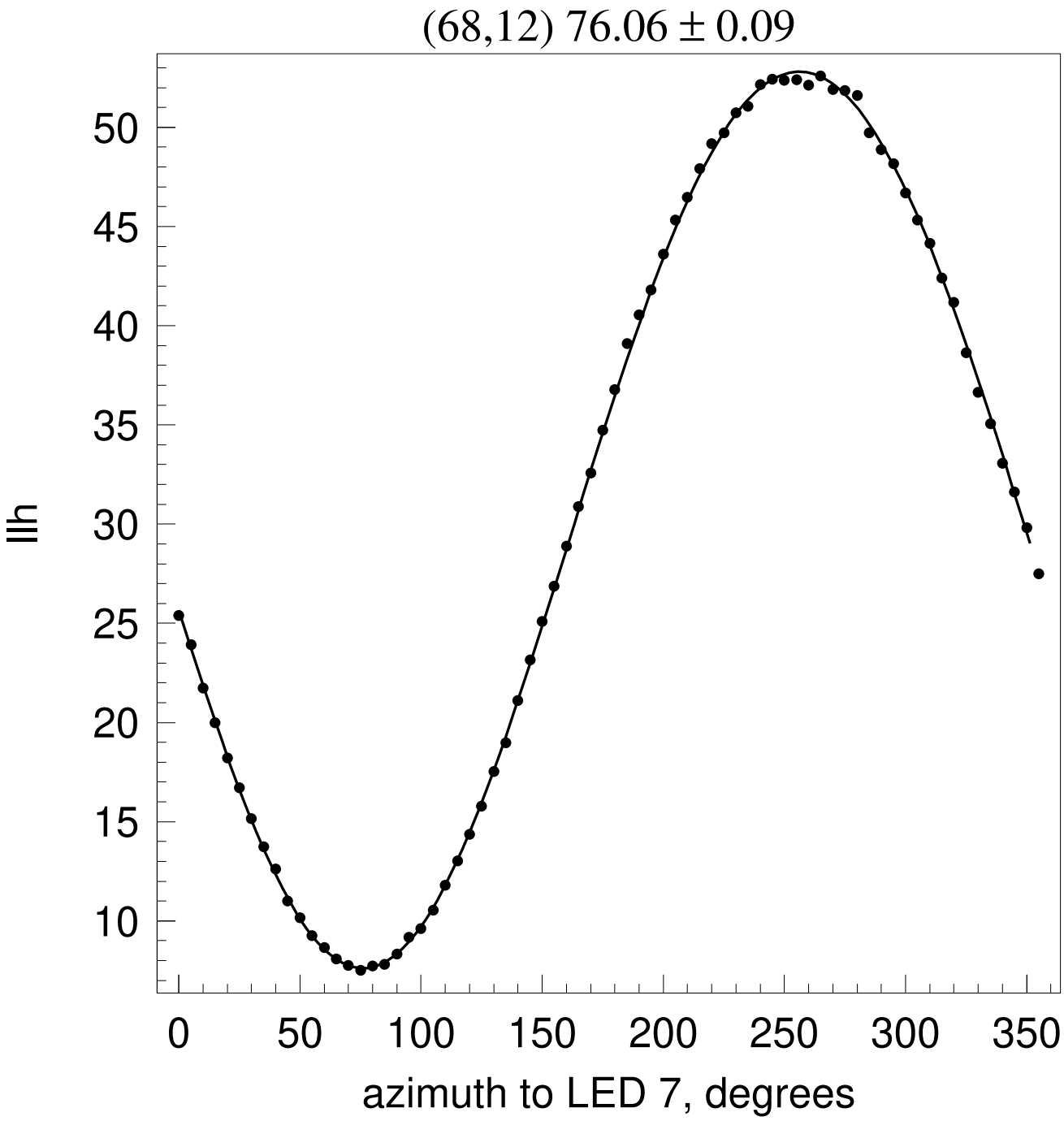

(68,7) 178.57 ± 0.37
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

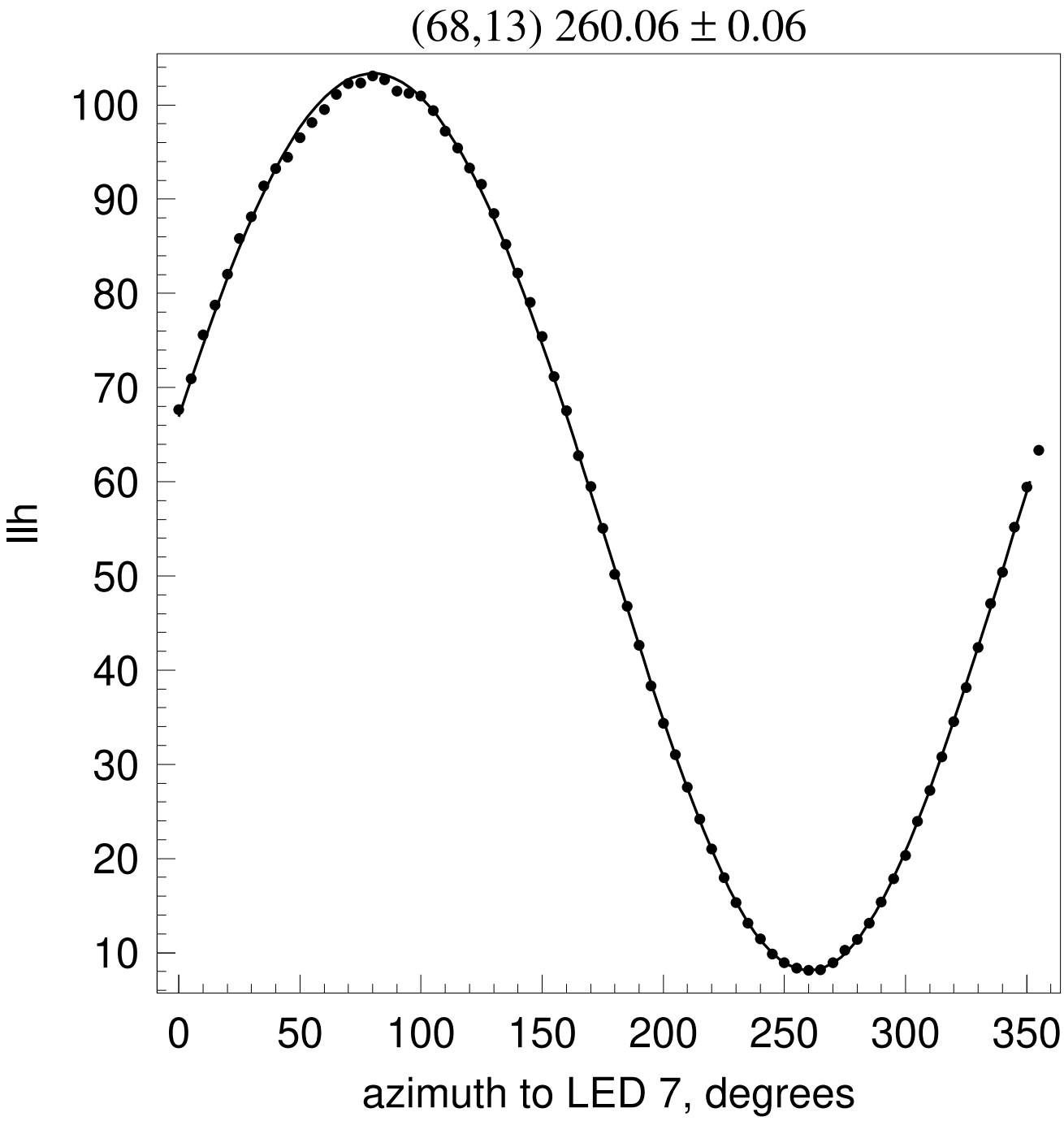

(68,8) 88.18 ± 0.26
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

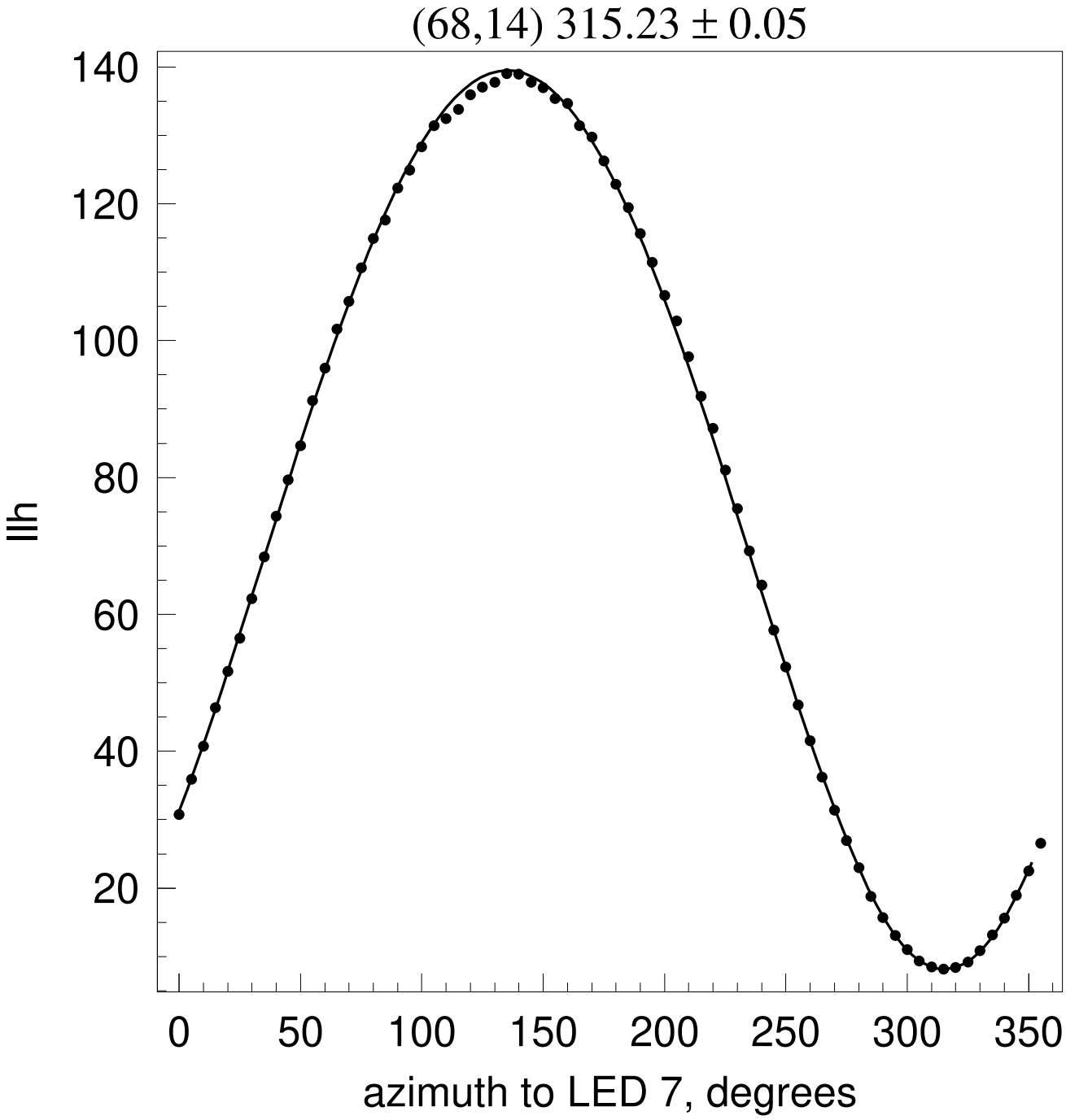

(68,9) 204.88 ± 0.31
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

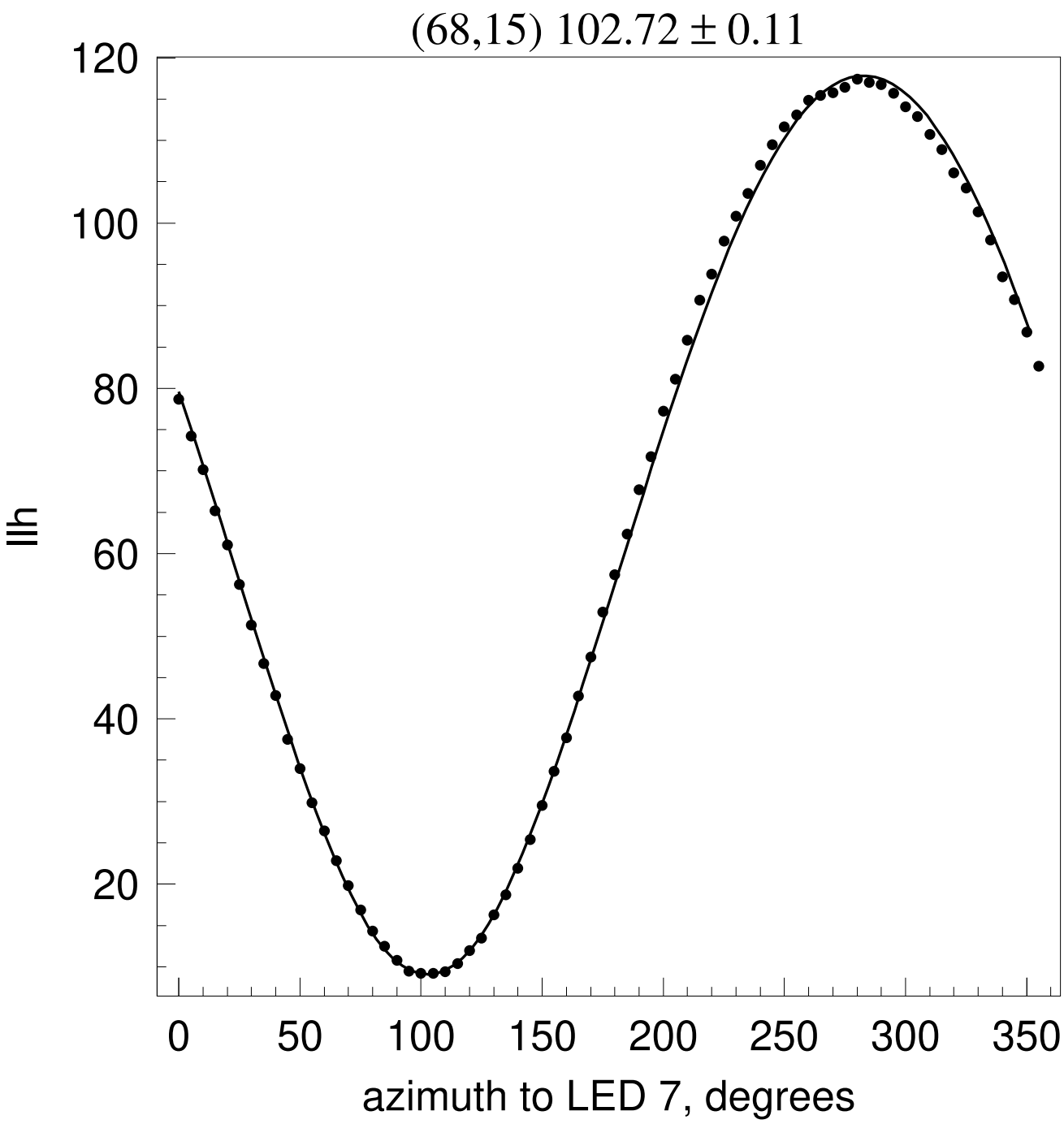

(68,10) 303.48 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

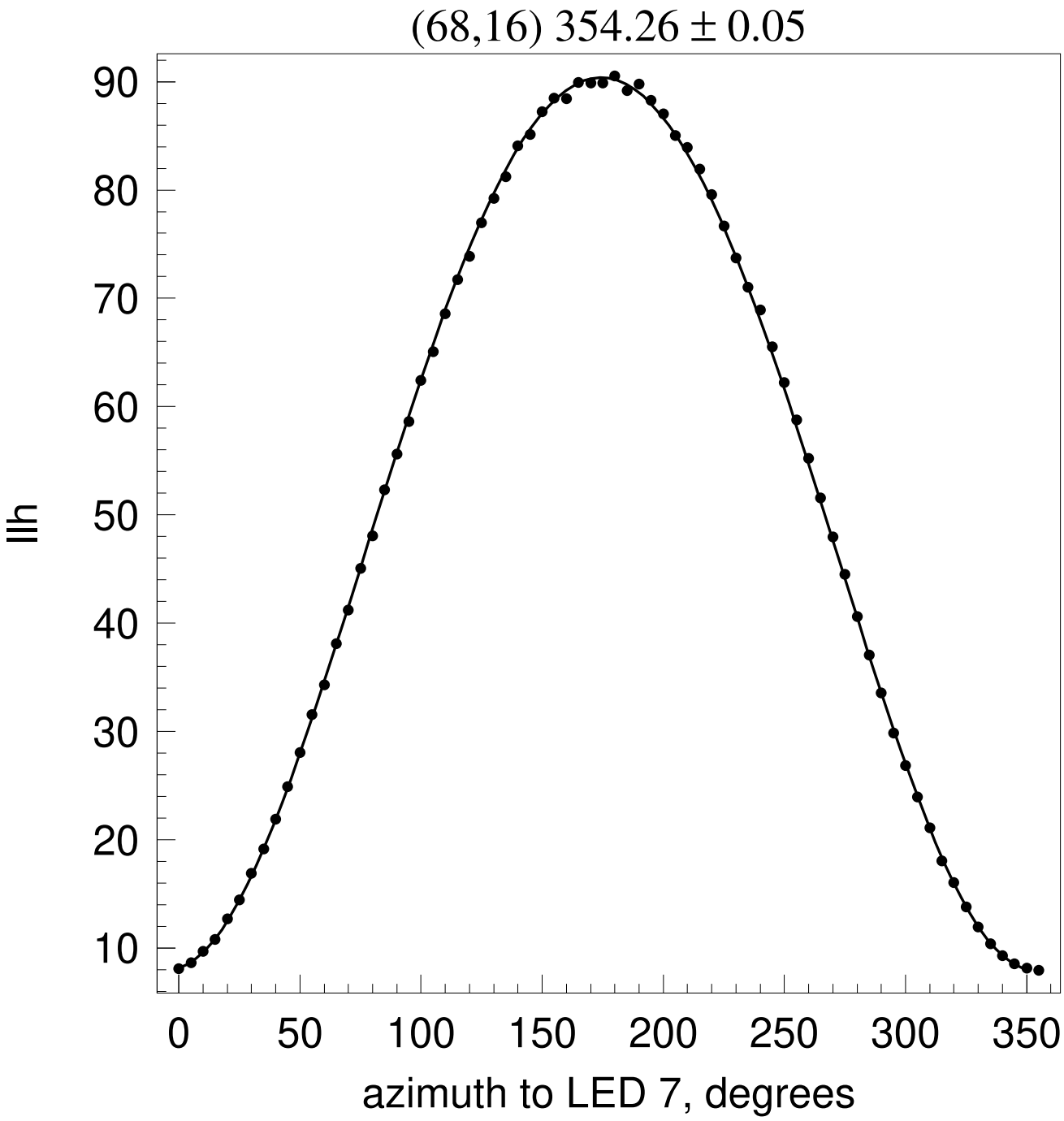

(68,11) 50.78 ± 0.00
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

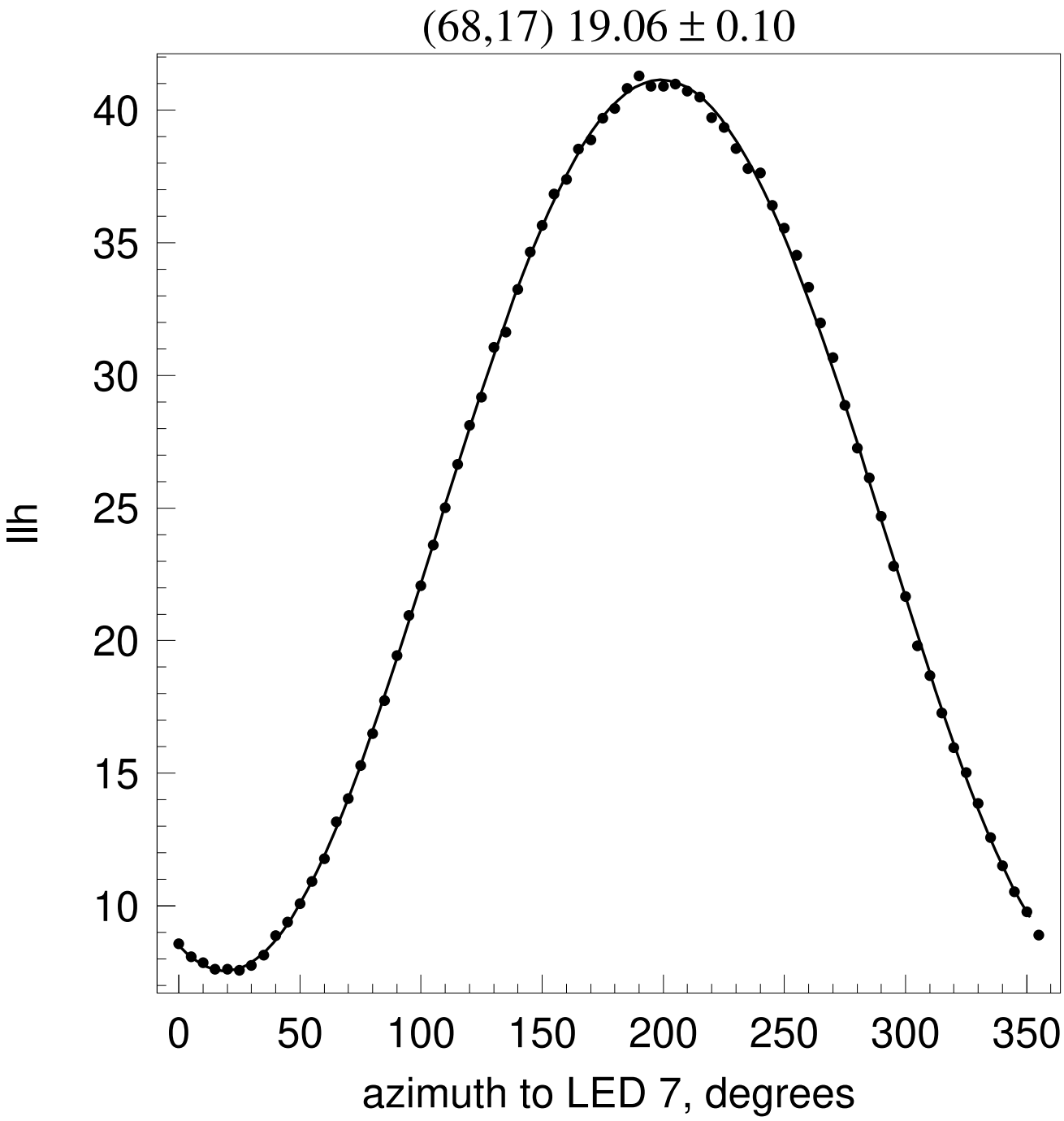

(68,12) 76.06 ± 0.09
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

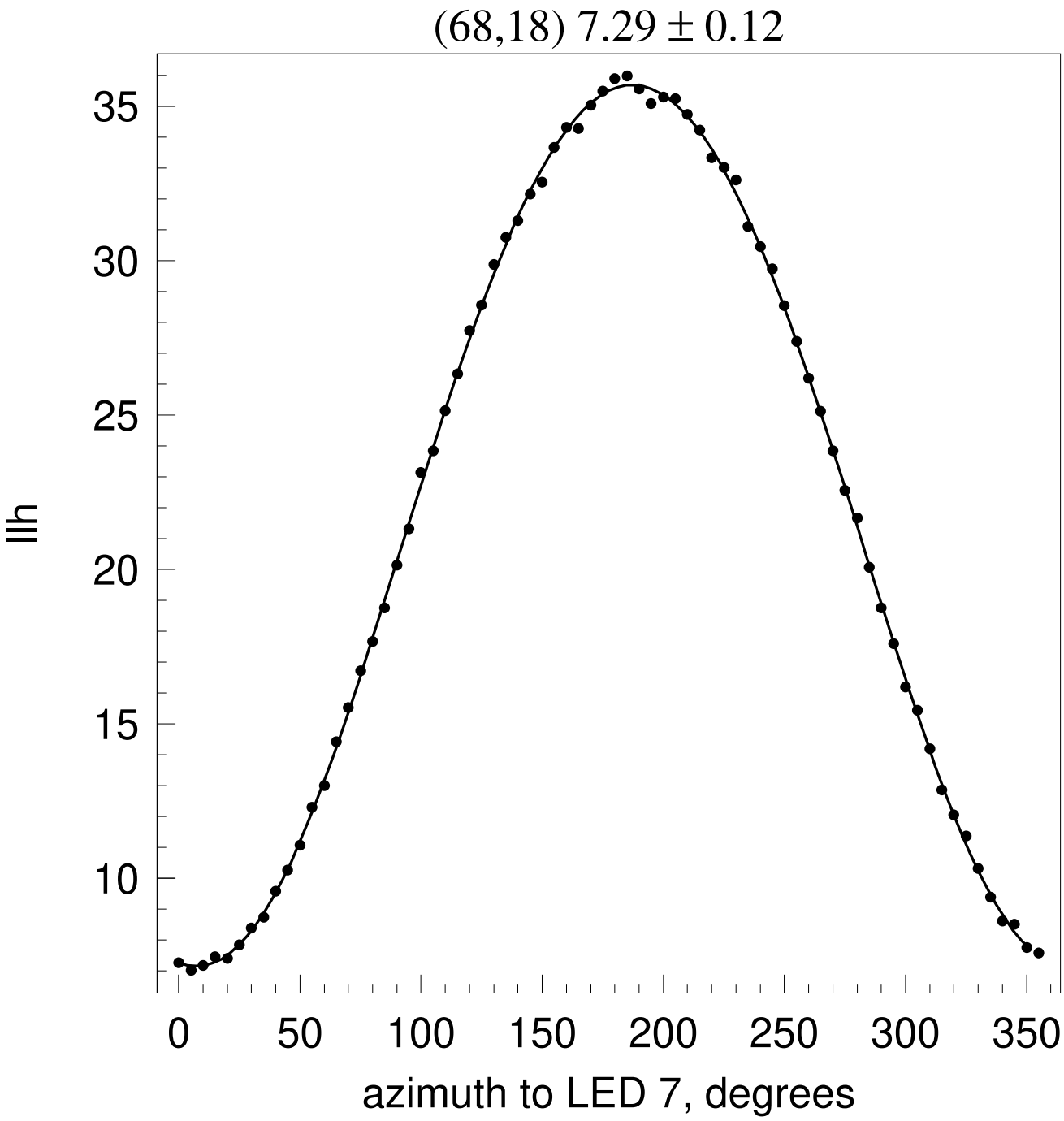

(68,13) 260.06 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

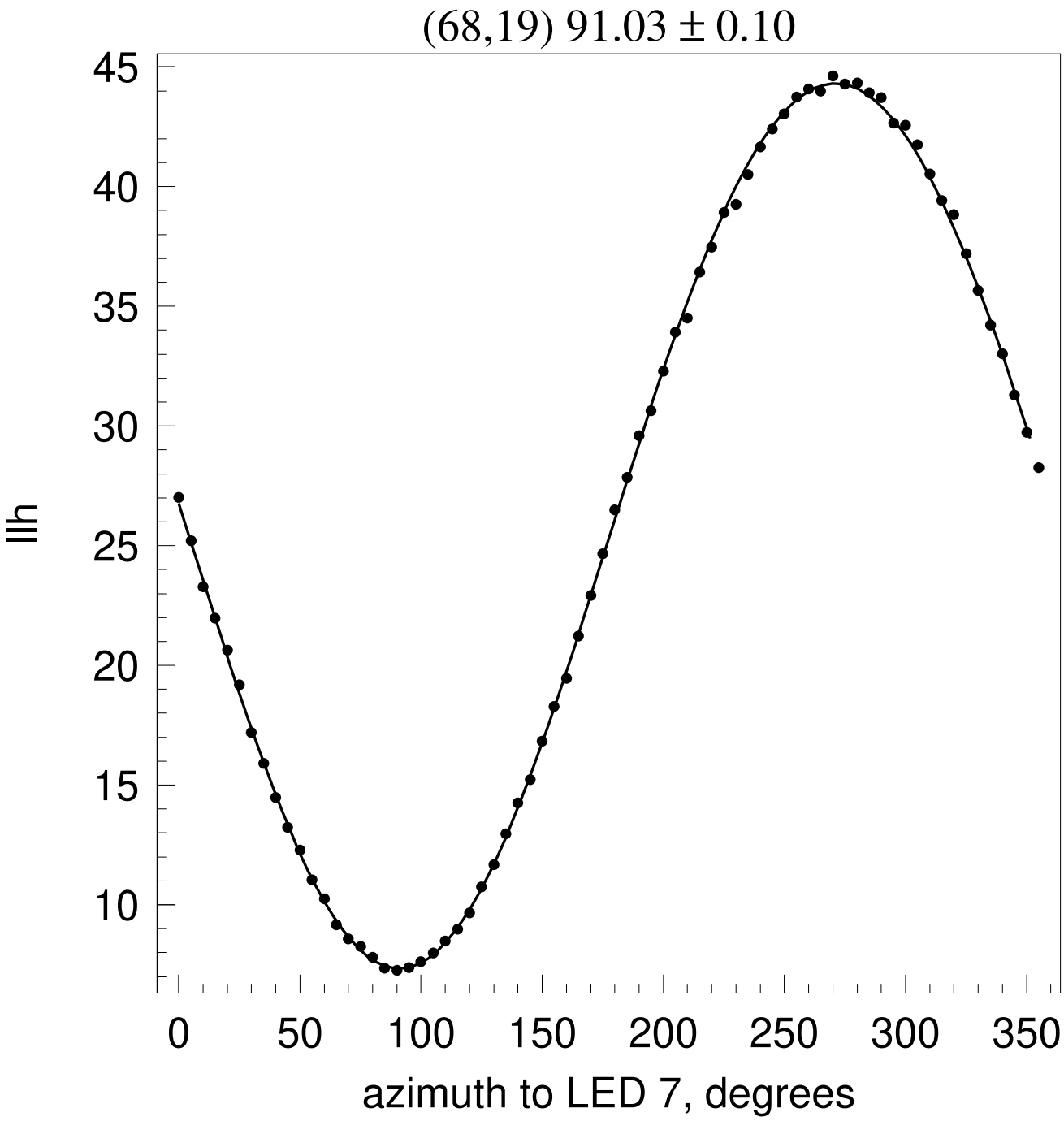

(68,14) 315.23 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

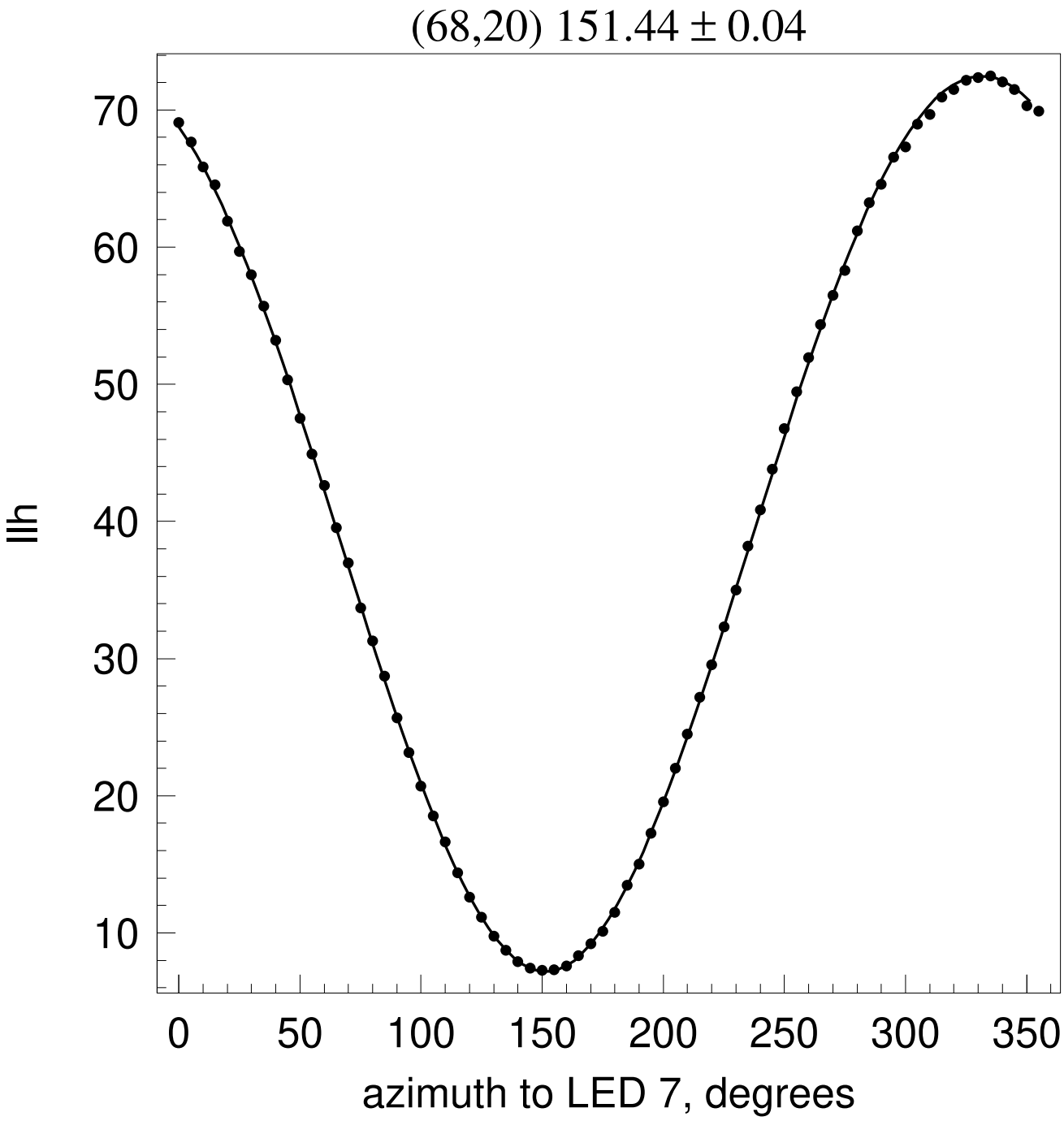

(68,15) 102.72 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

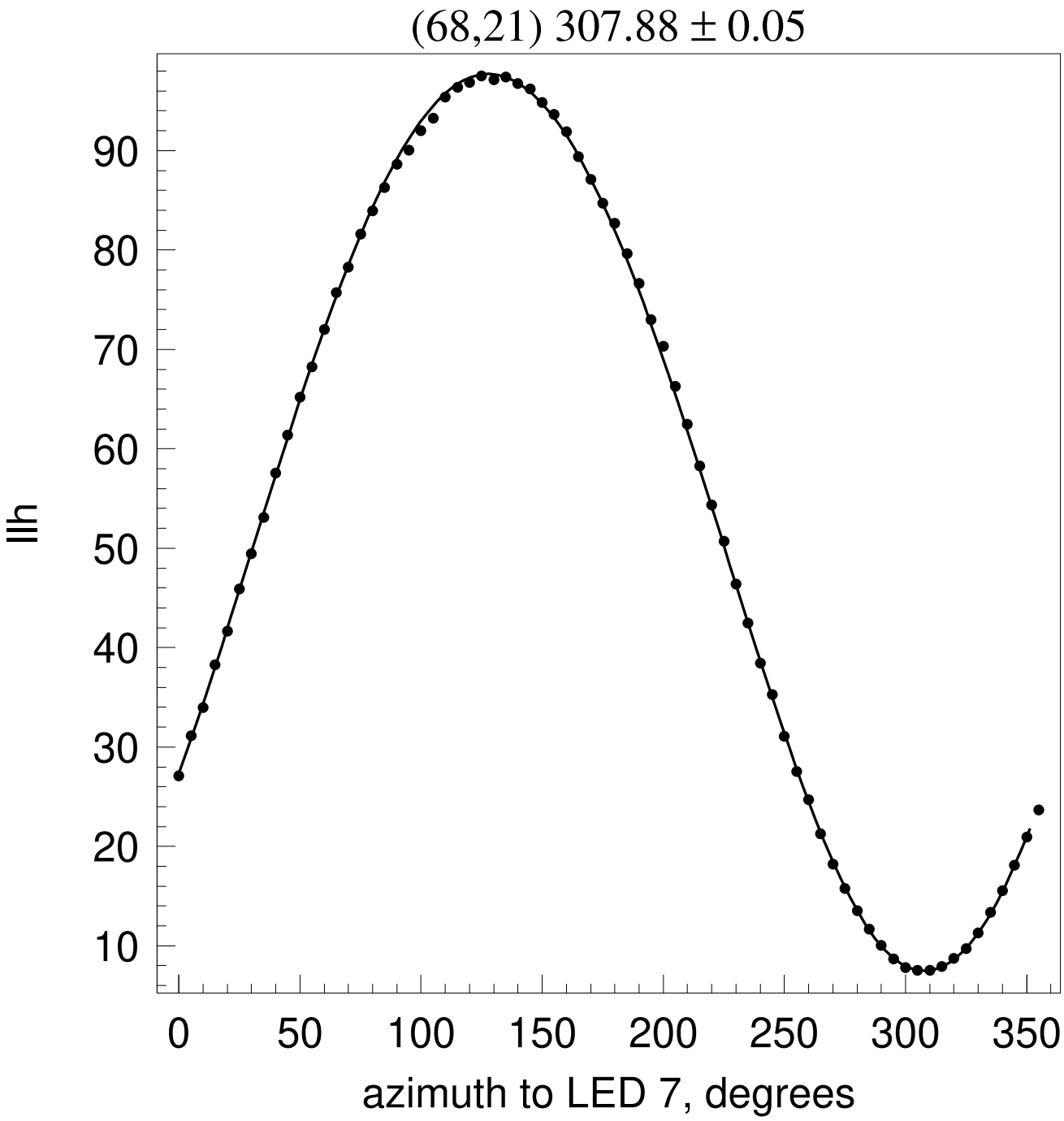

(68,16) 354.26 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

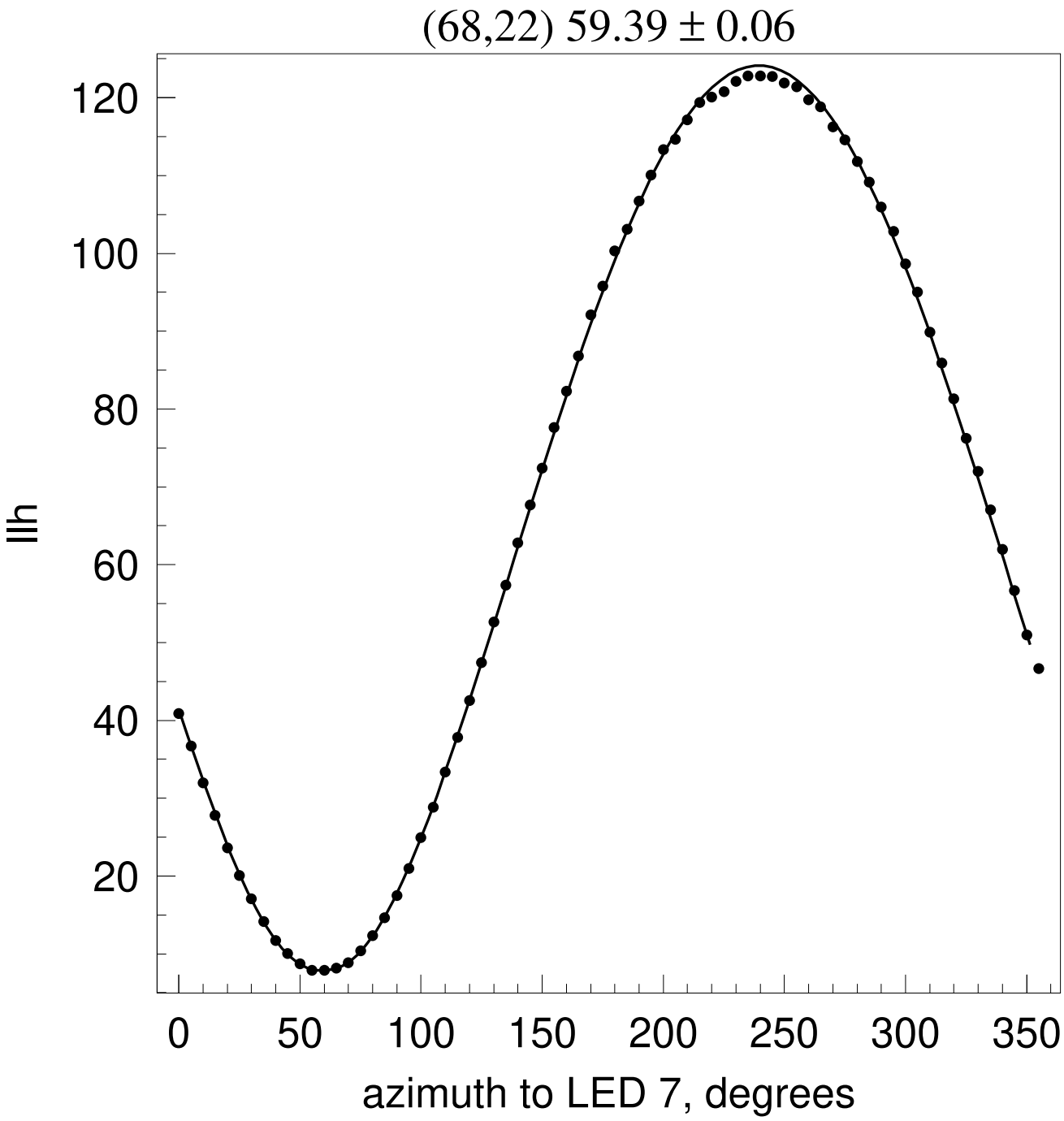

(68,17) 19.06 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

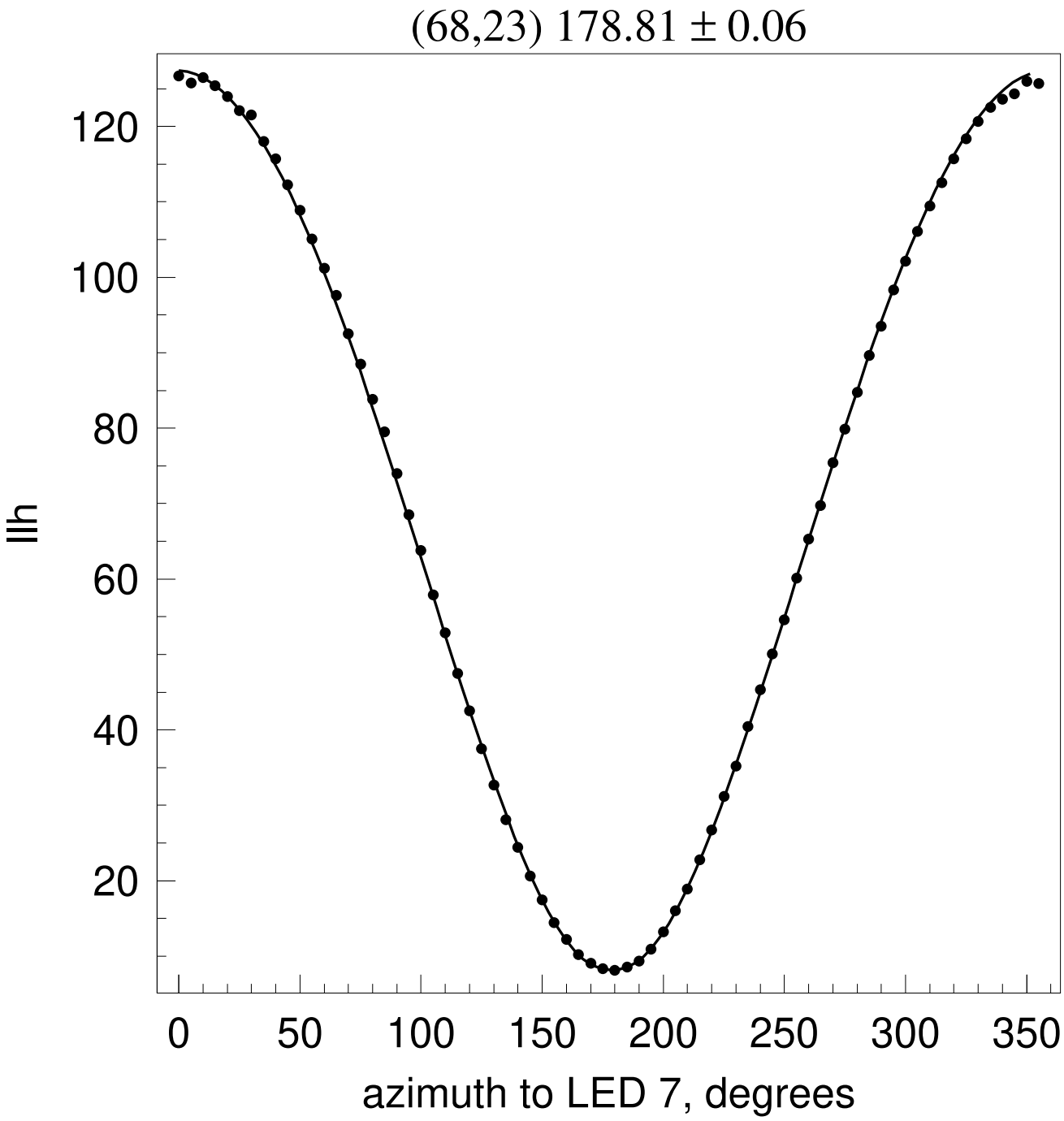

(68,18) 7.29 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

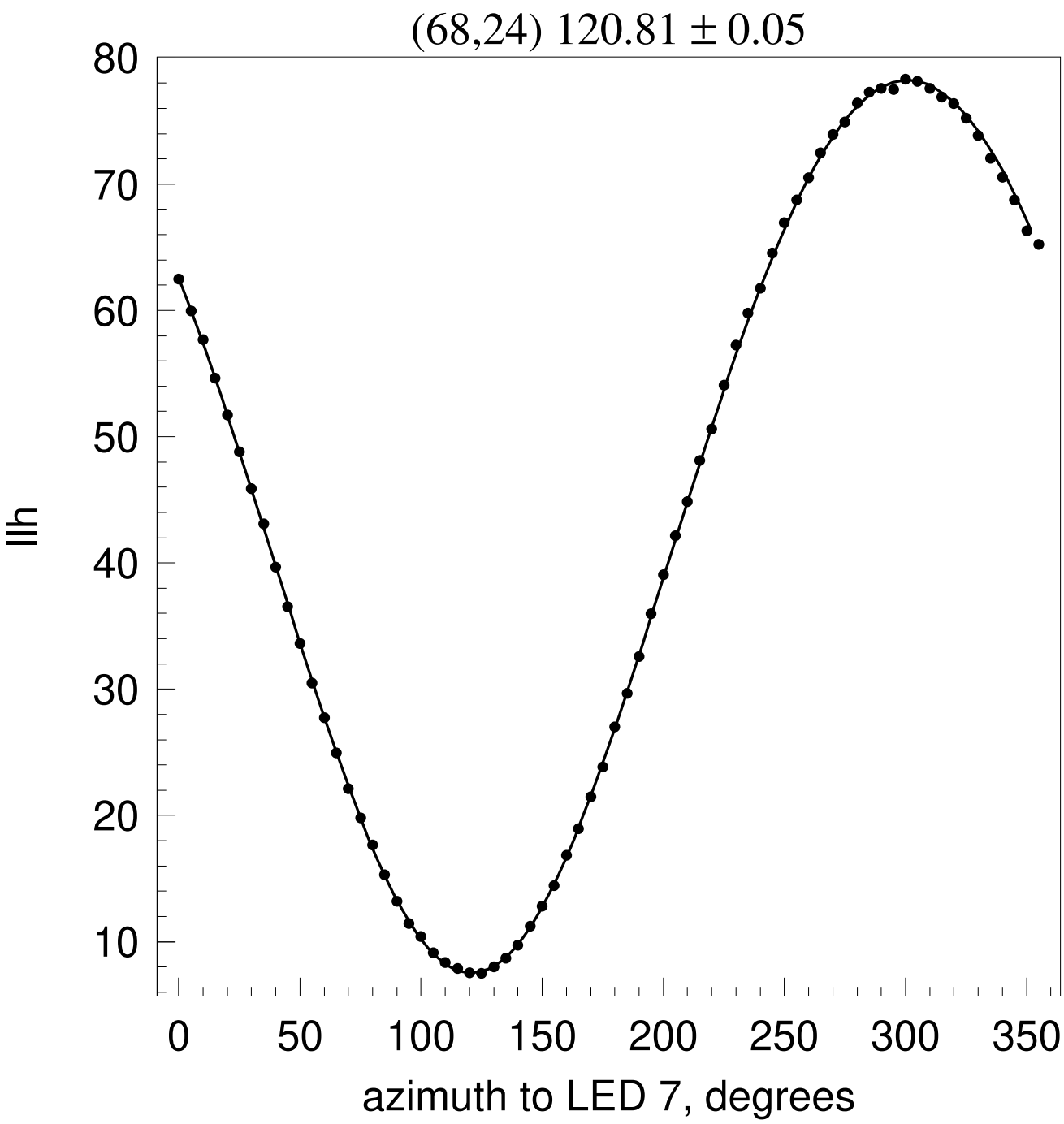

(68,19) 91.03 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

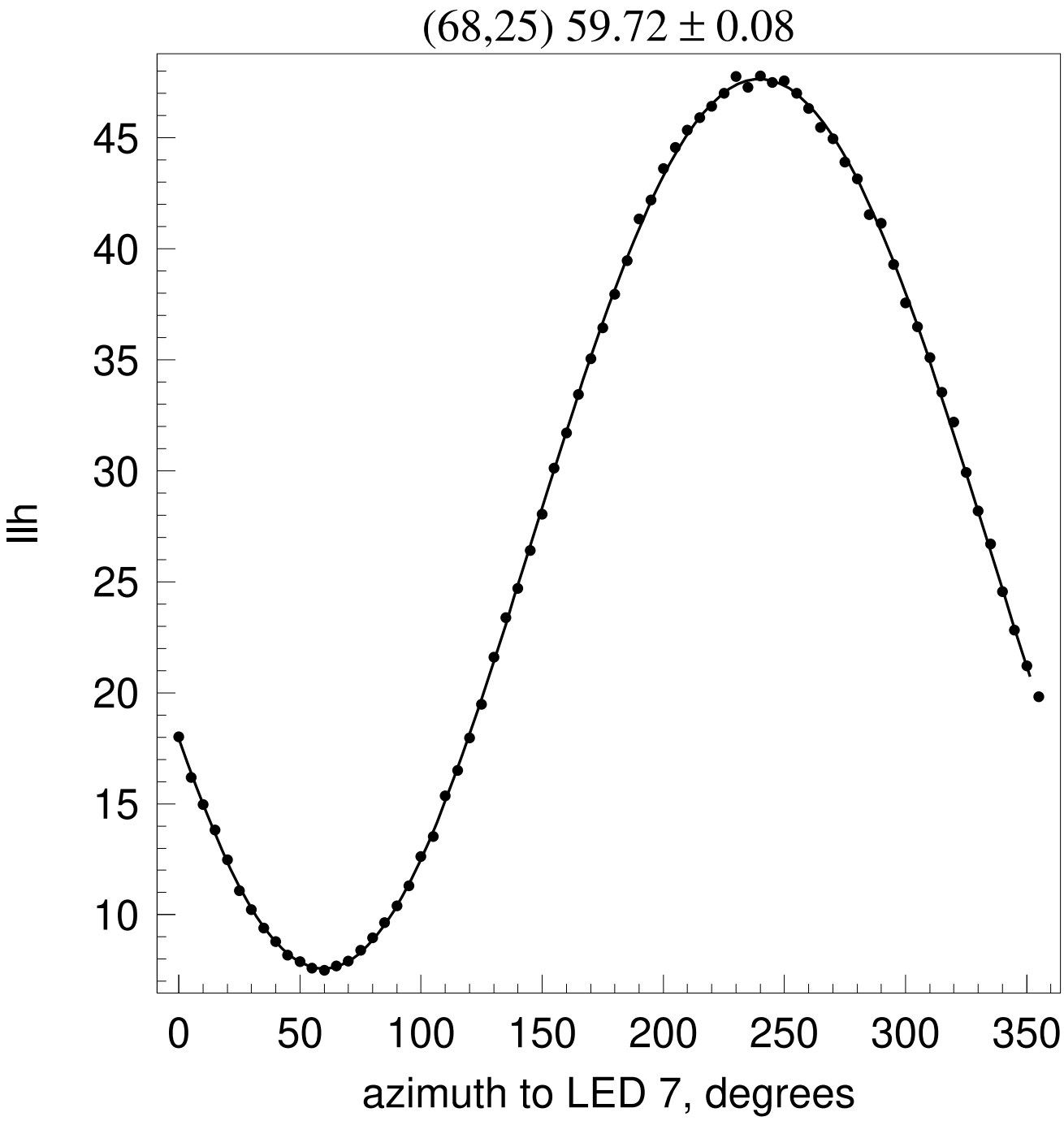

(68,20) 151.44 ± 0.04
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

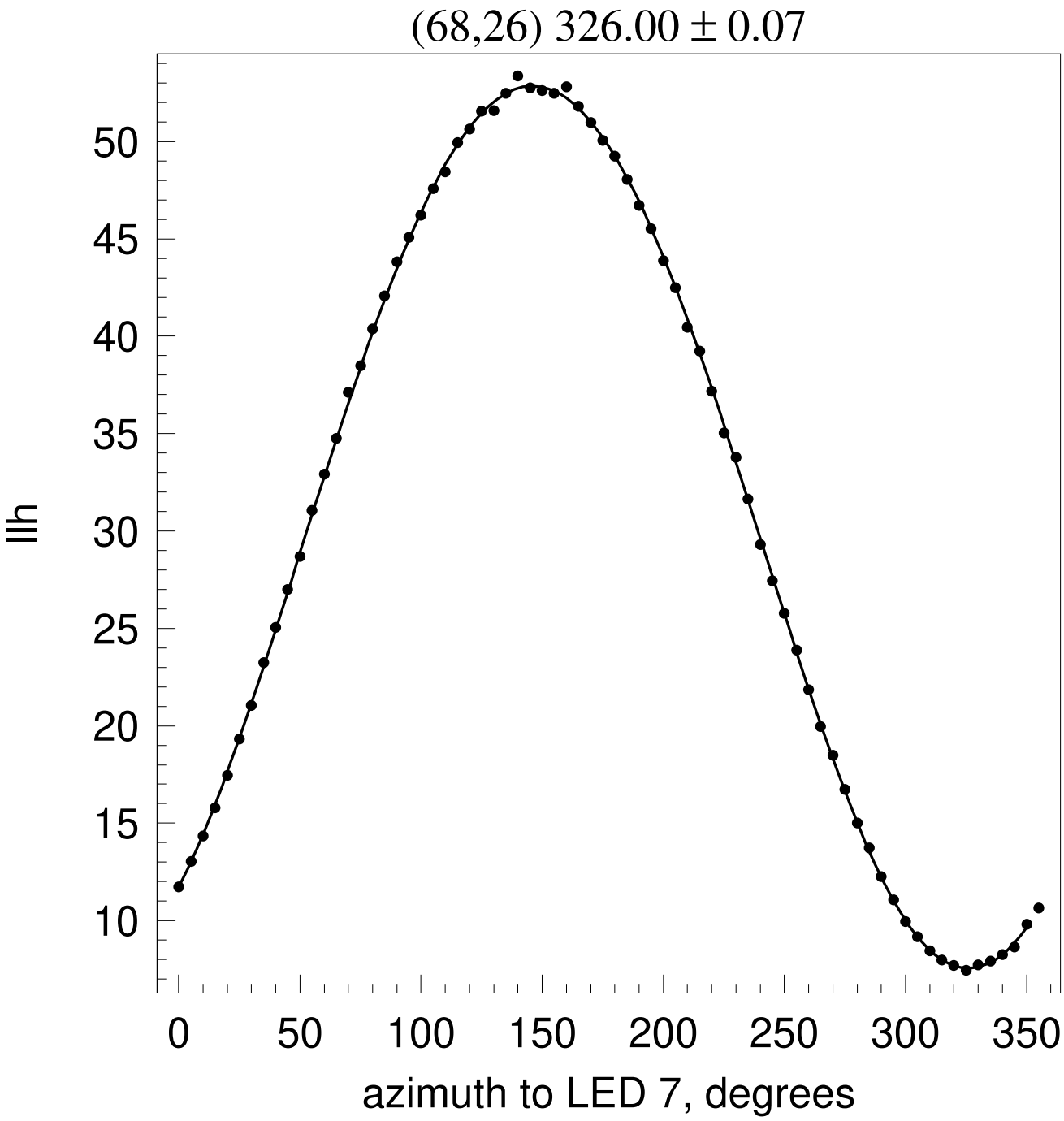

(68,21) 307.88 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

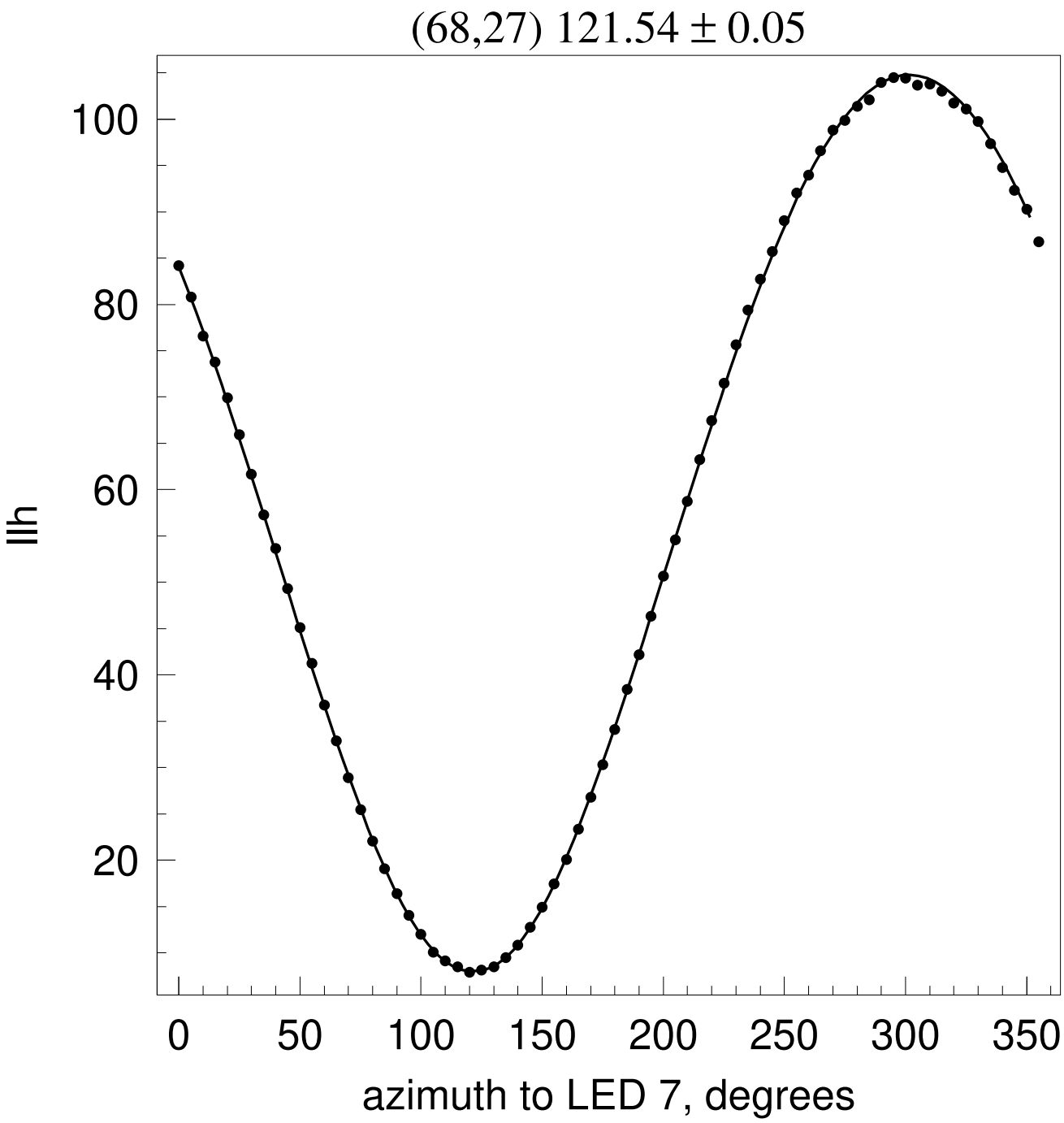

(68,22) 59.39 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

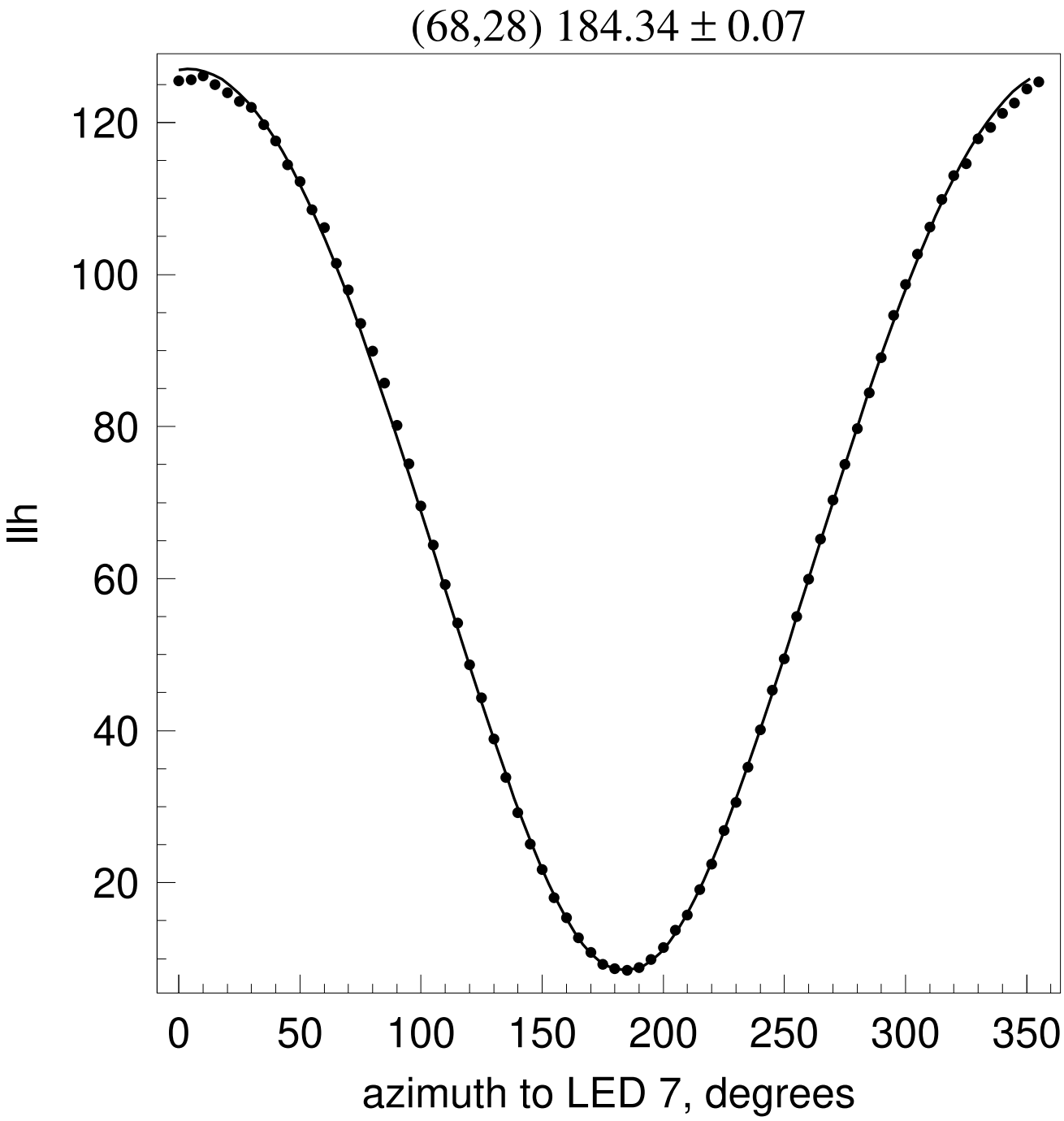

(68,23) 178.81 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

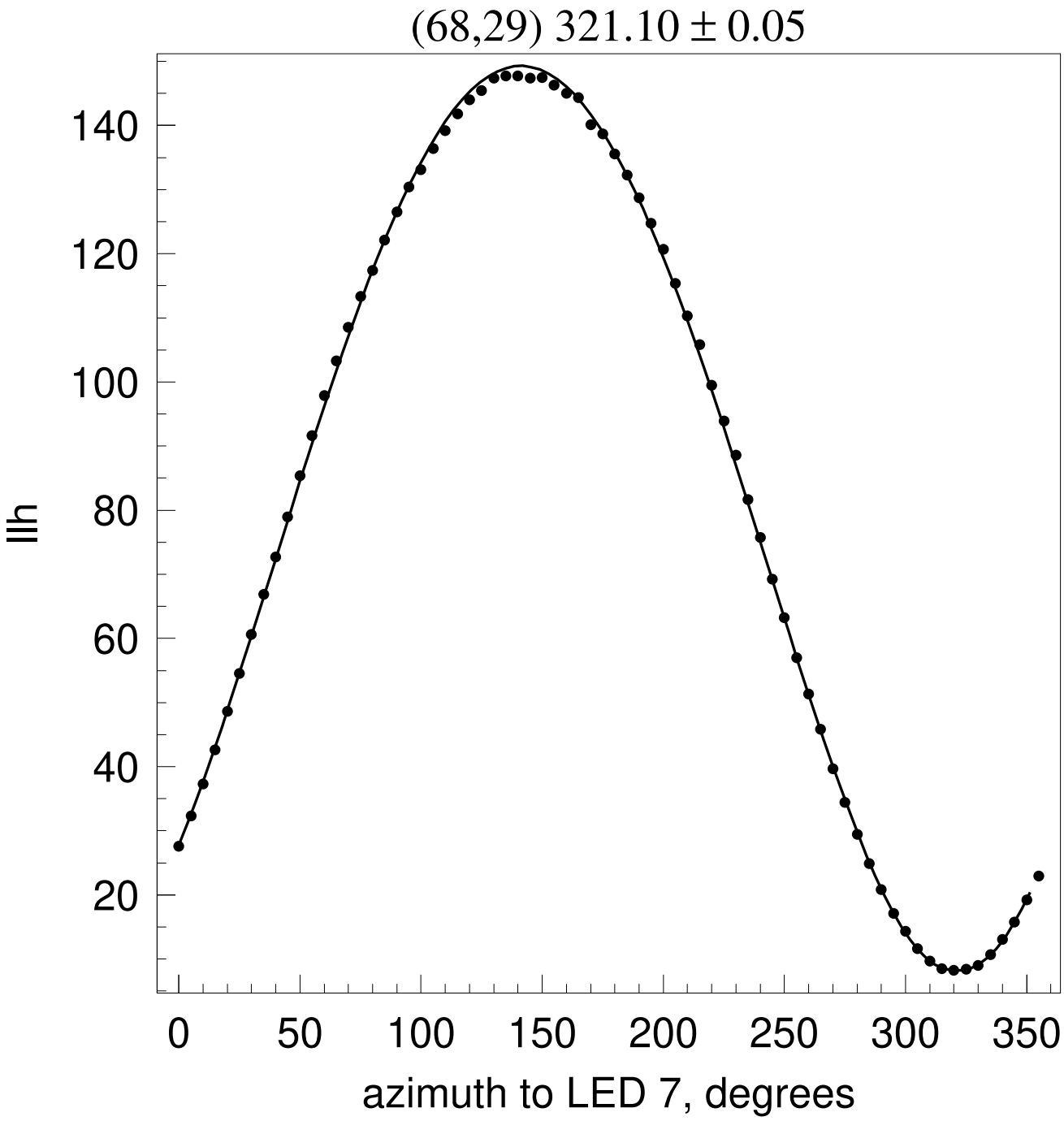

(68,24) 120.81 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

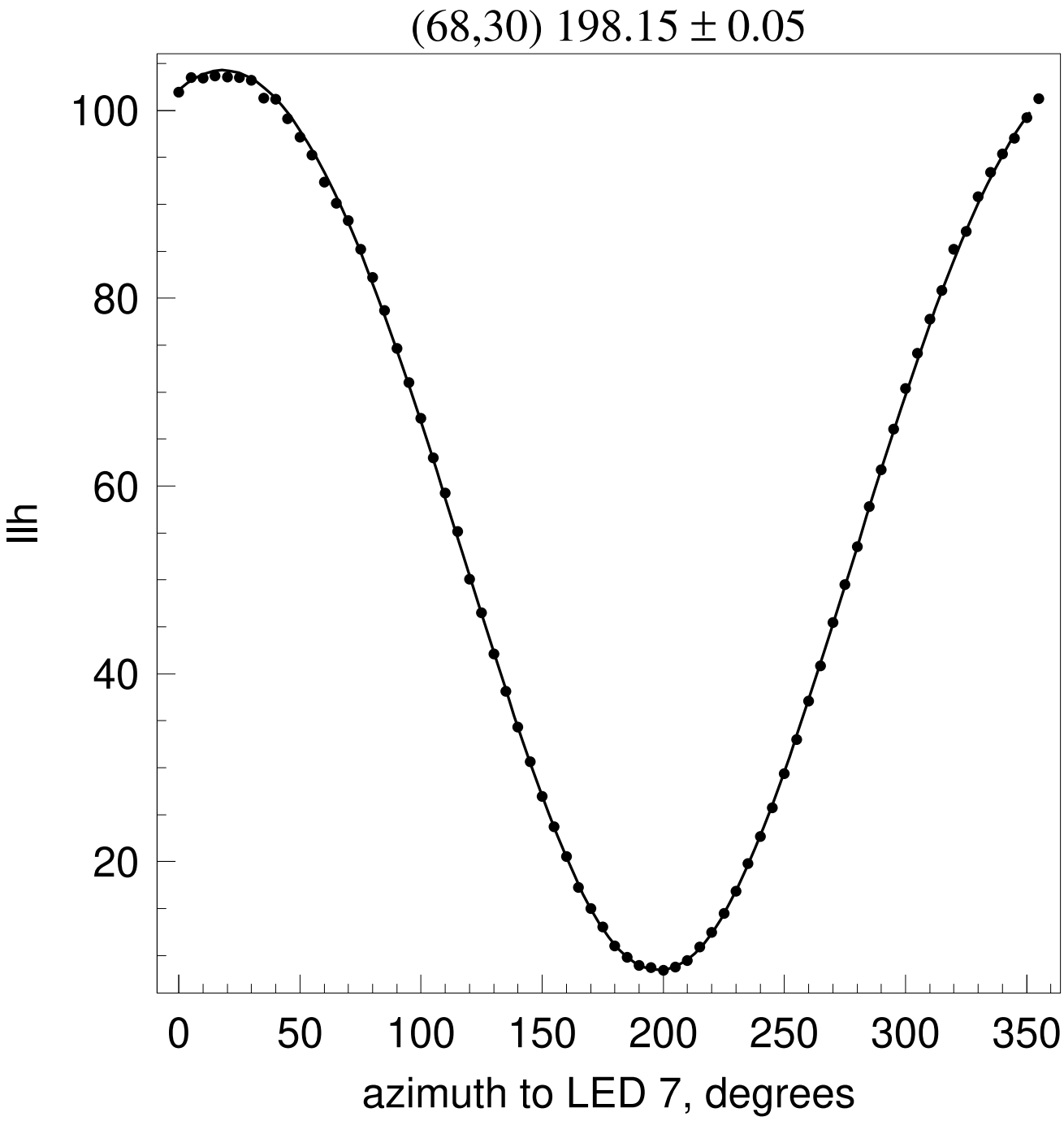

(68,25) 59.72 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

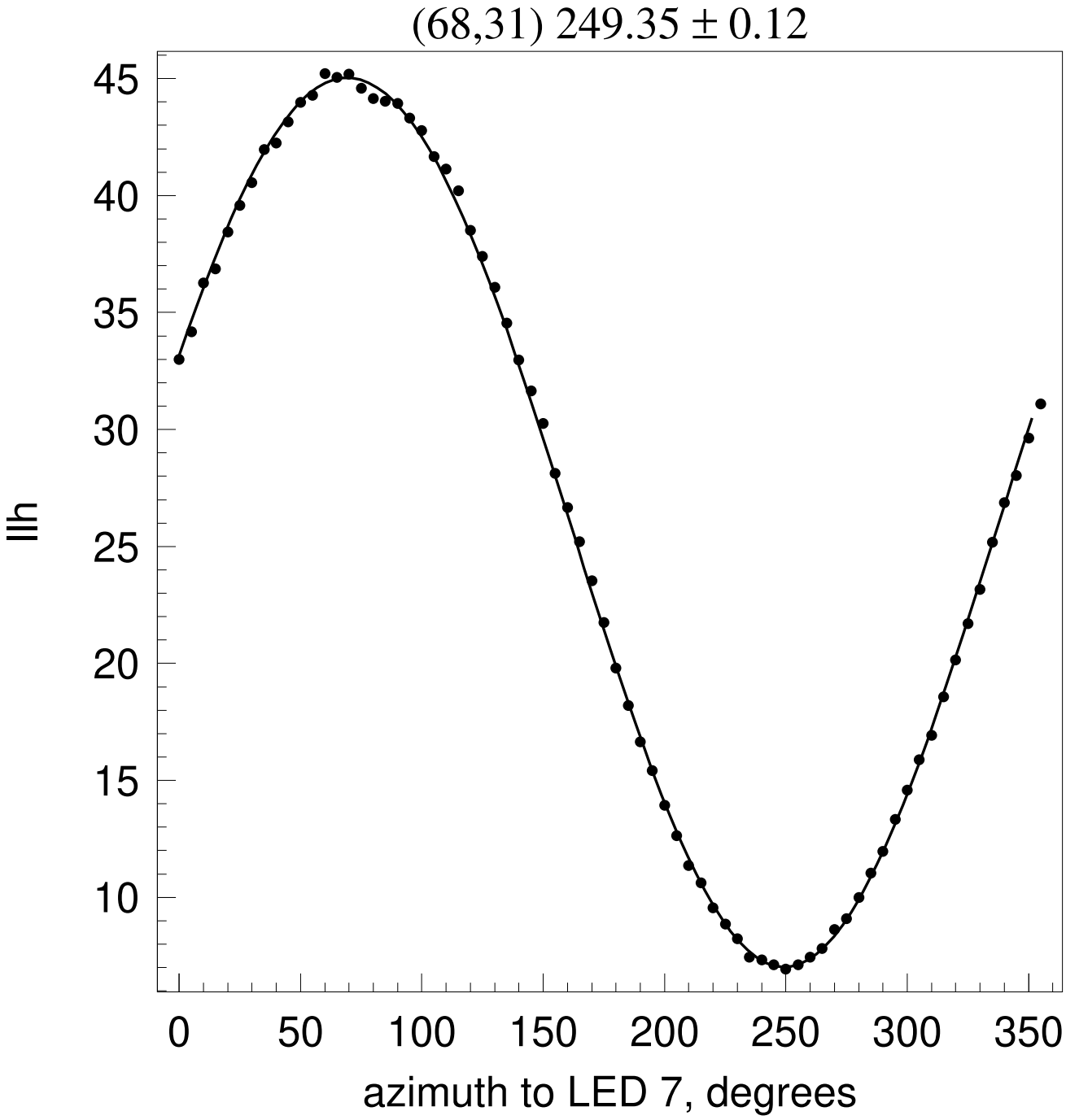

(68,26) 326.00 ± 0.07
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

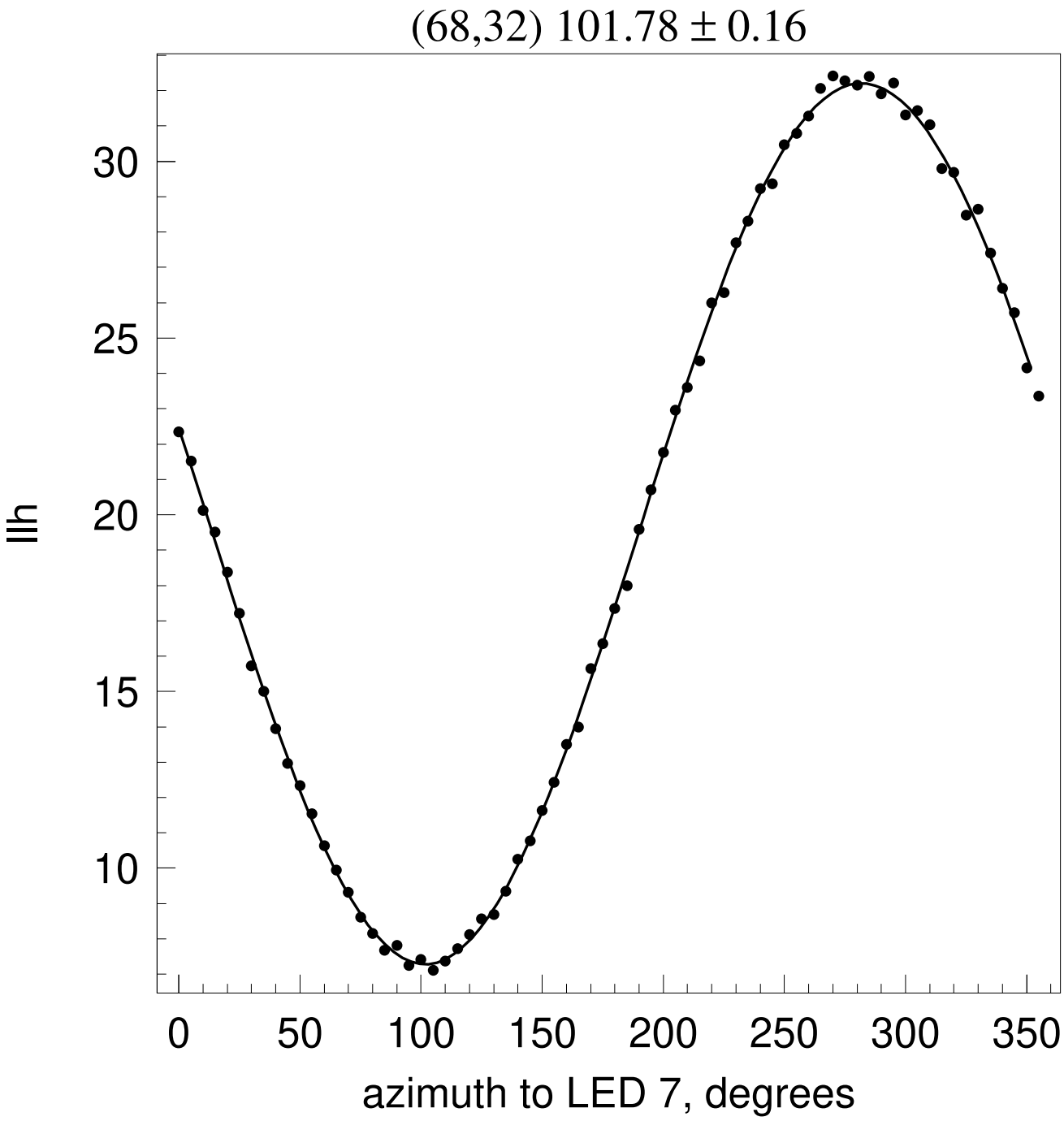

(68,27) 121.54 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

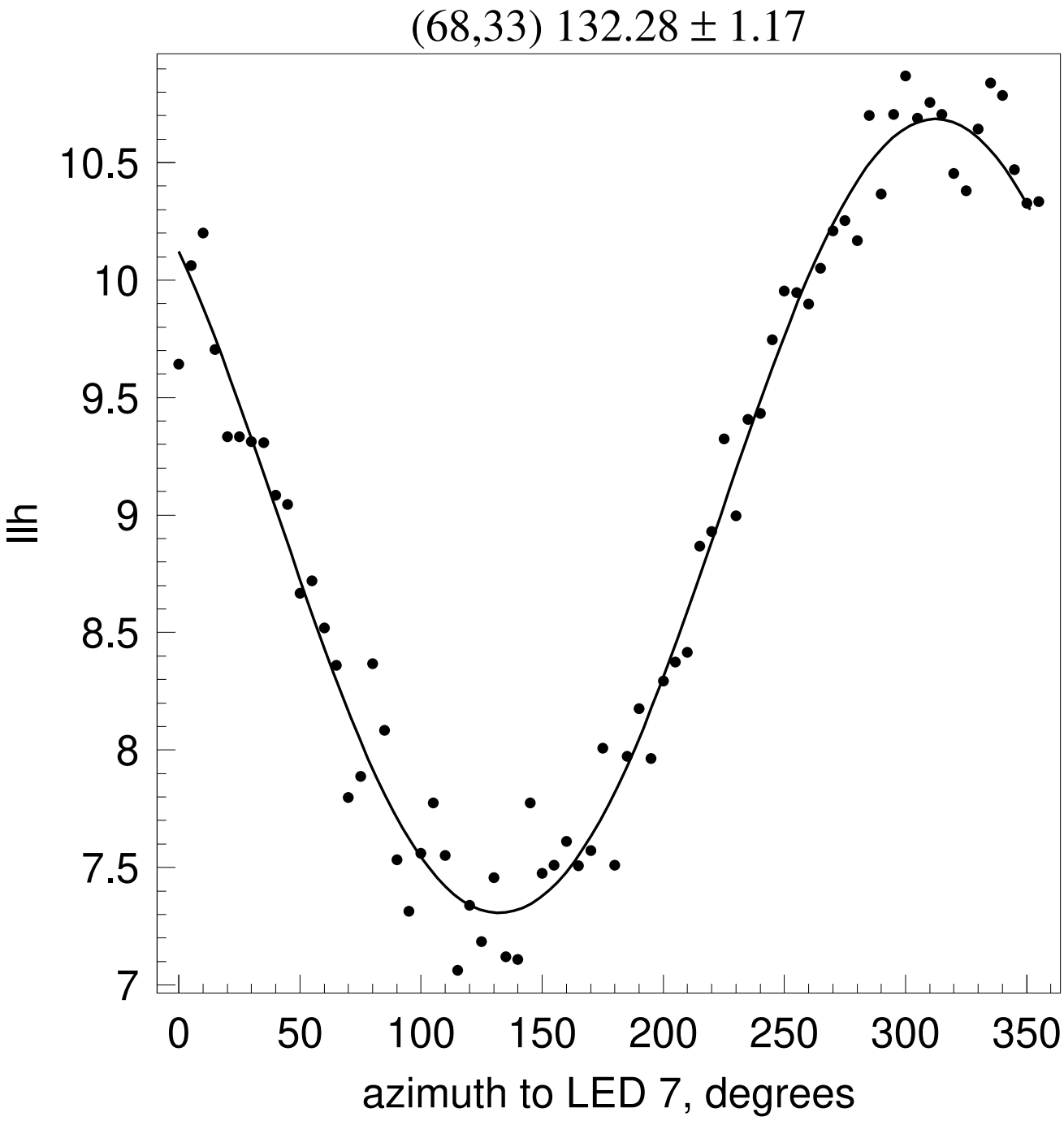

(68,28) 184.34 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

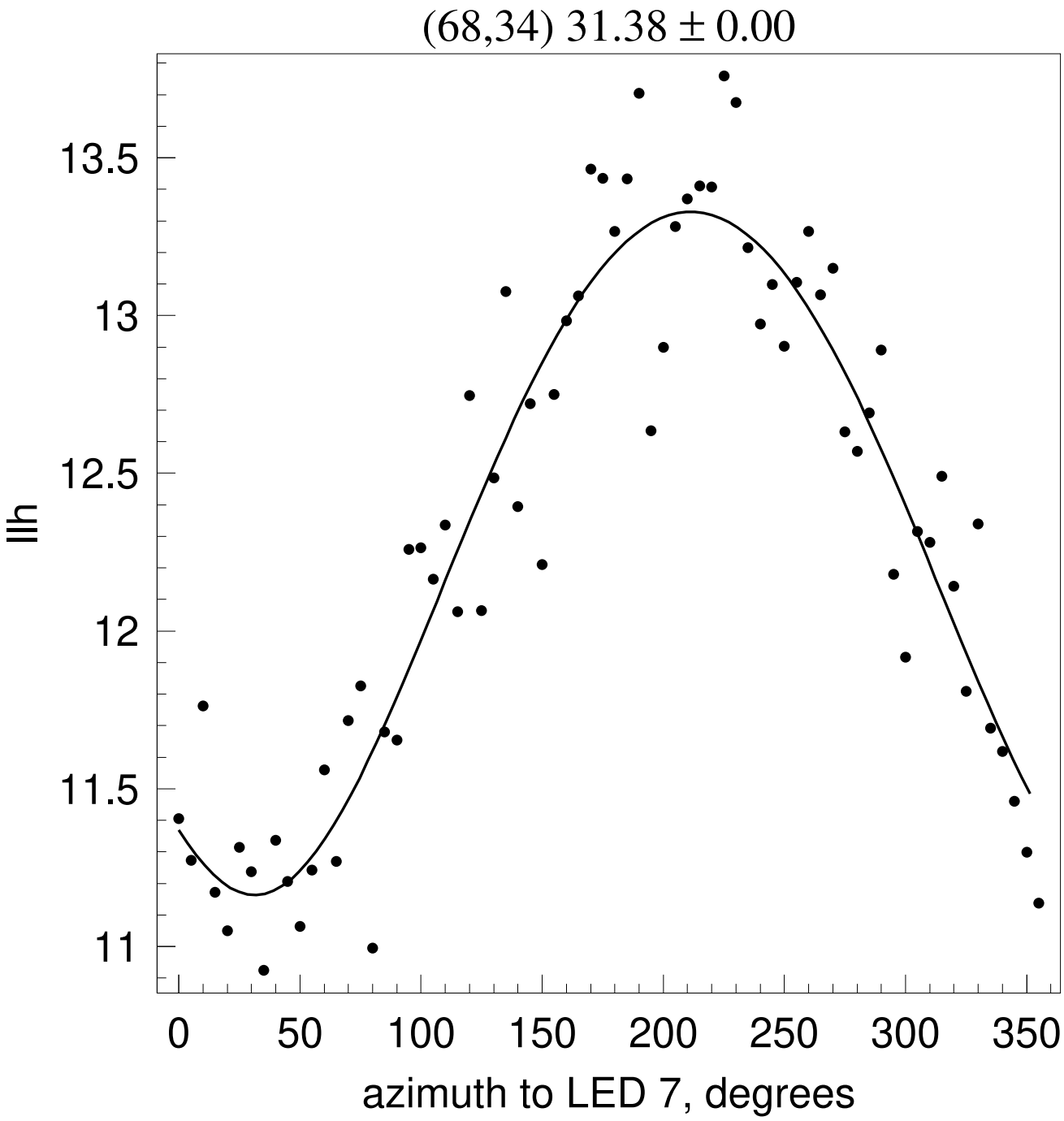

(68,29) 321.10 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

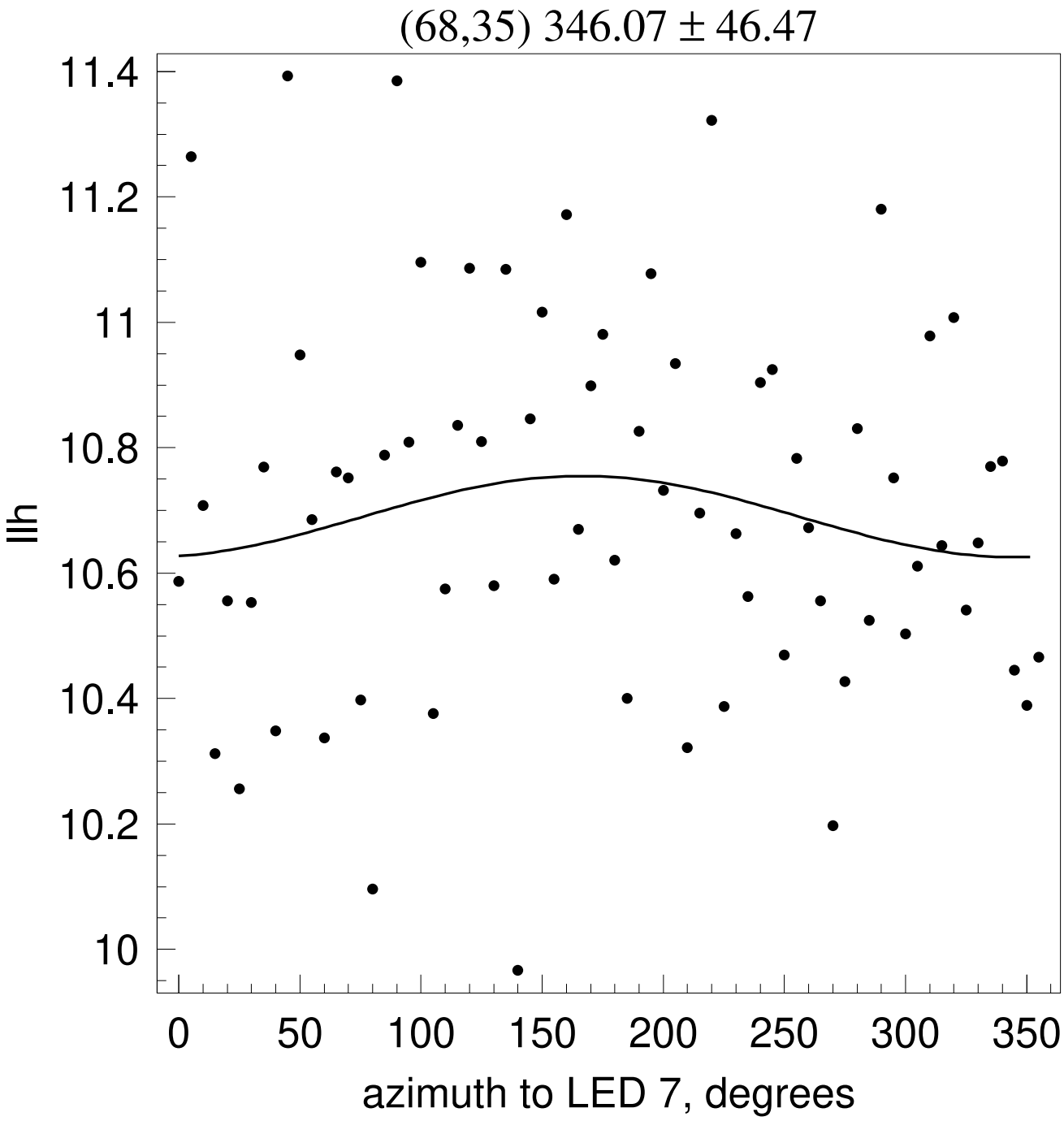

(68,30) 198.15 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

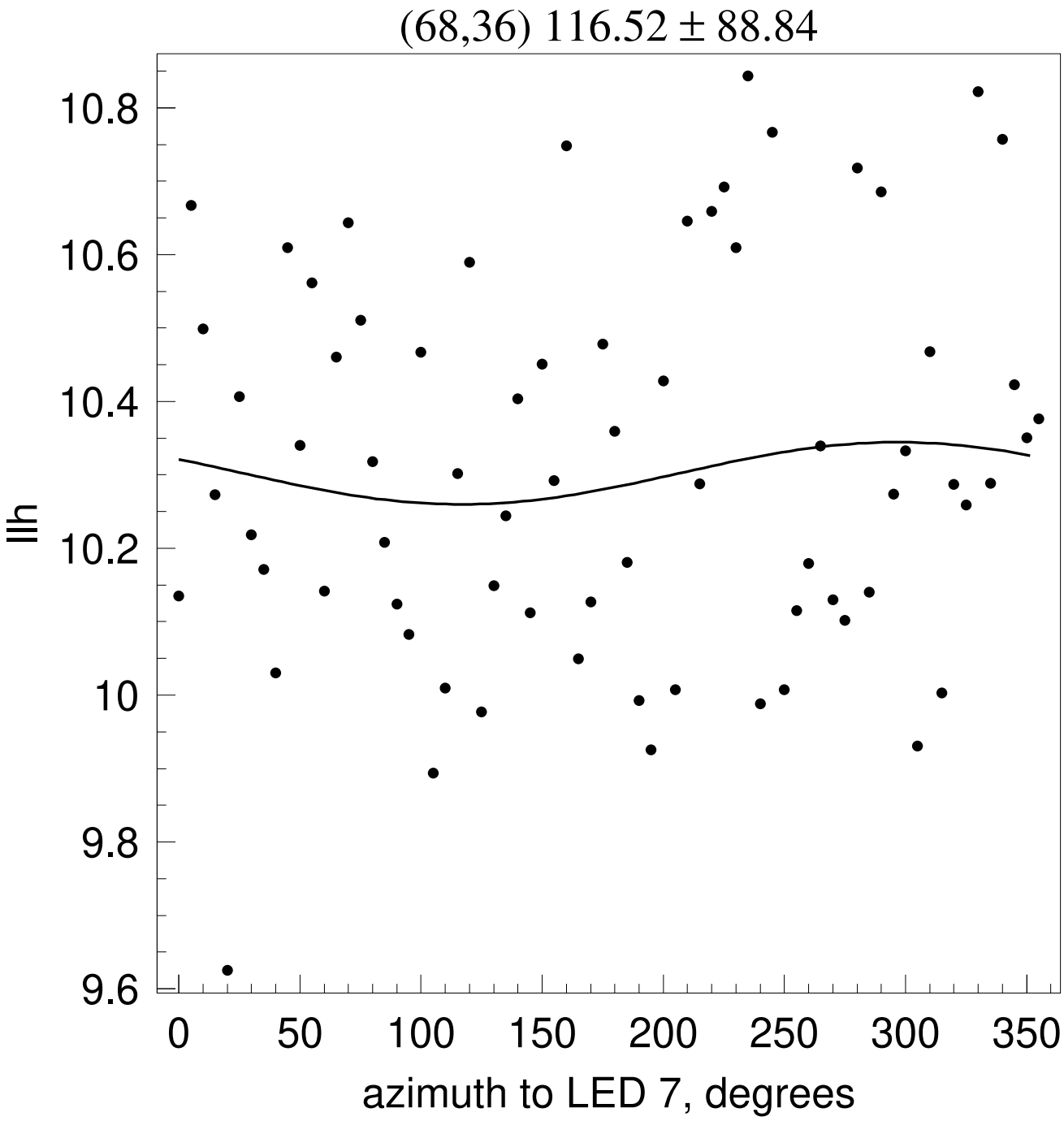

(68,31) 249.35 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

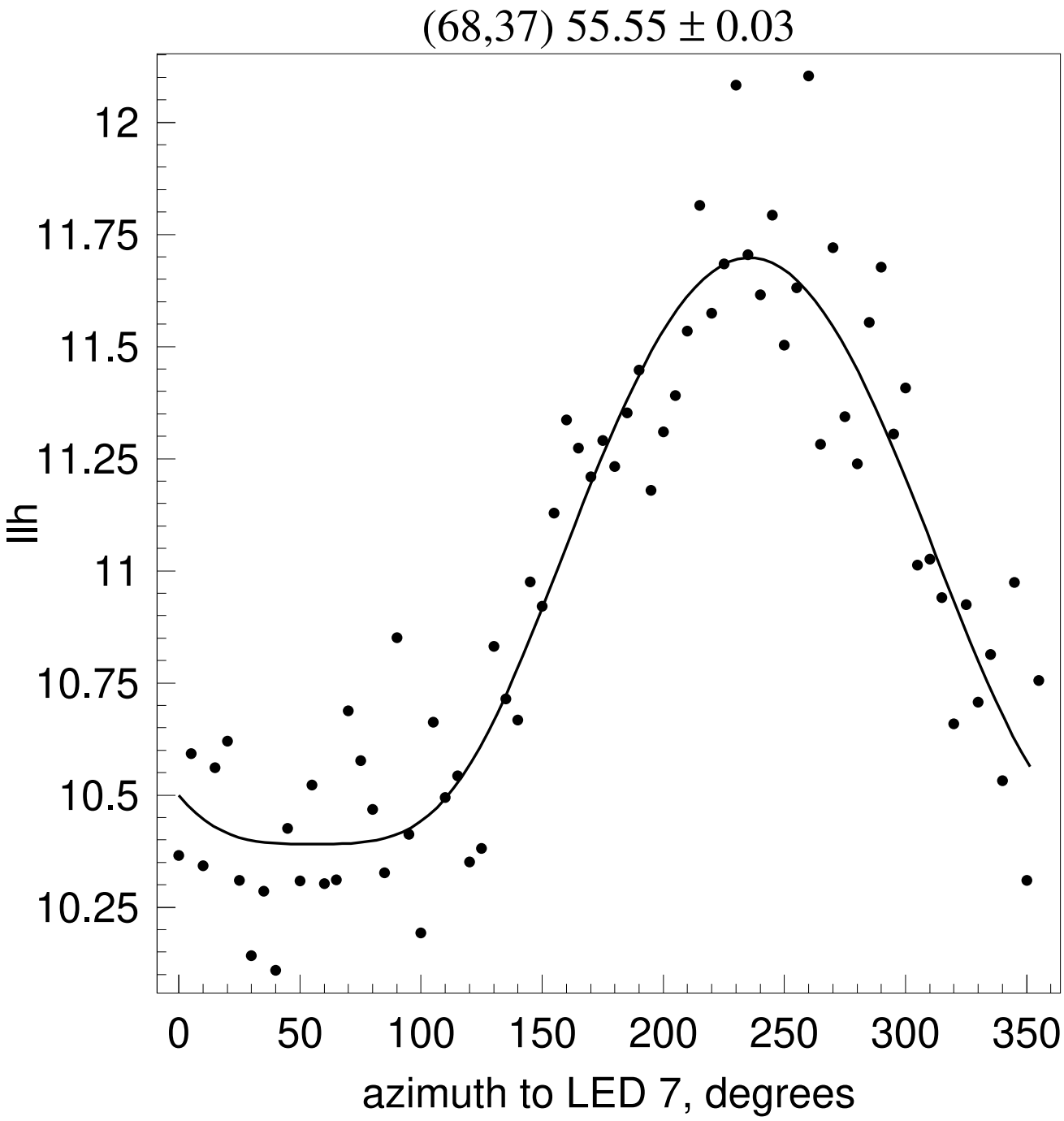

(68,32) 101.78 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

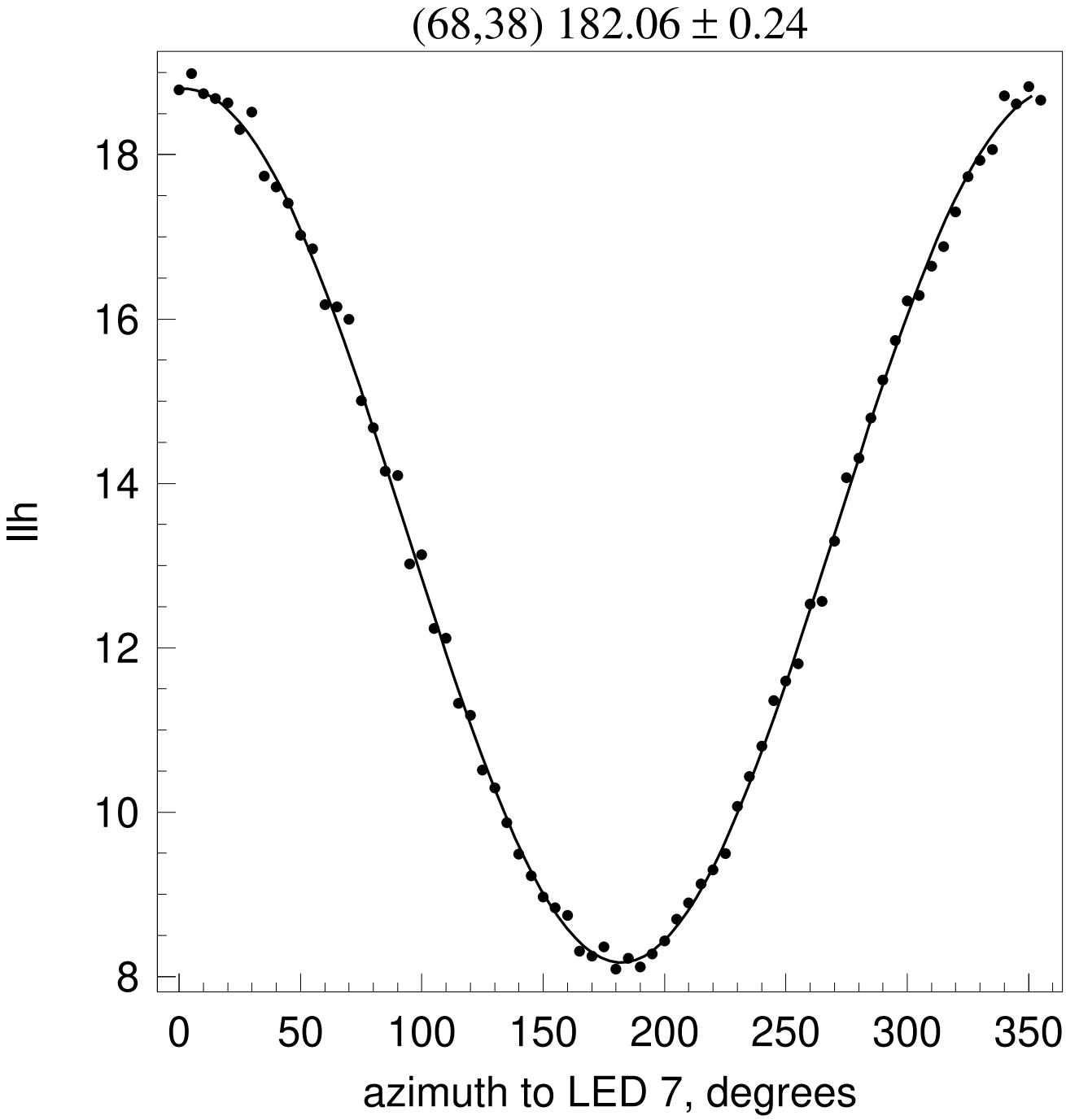

(68,33) 132.28 ± 1.17
10.5
10
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

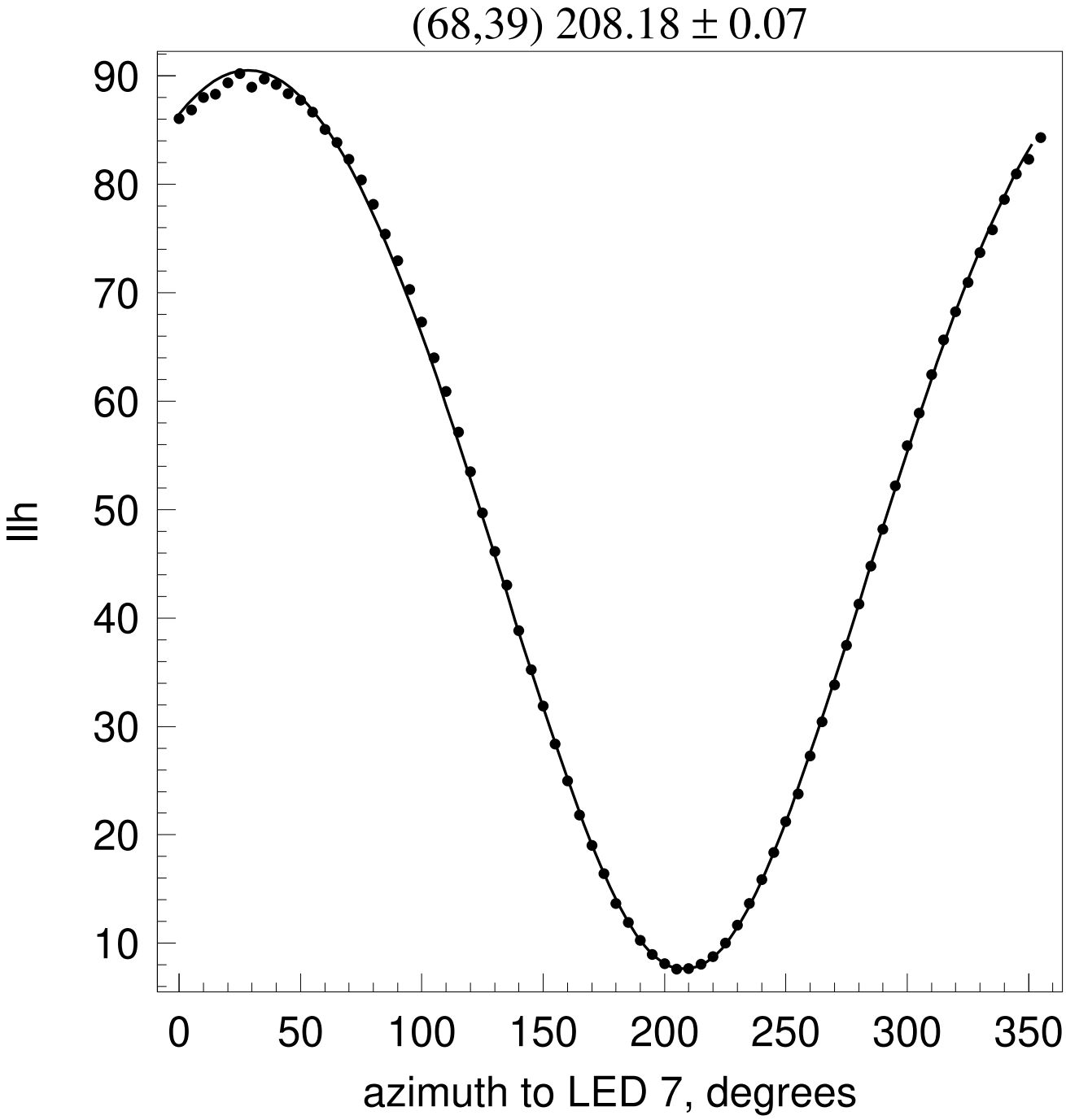

(68,34) 31.38 ± 0.00
13.5
13
12.5
12
11.5
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

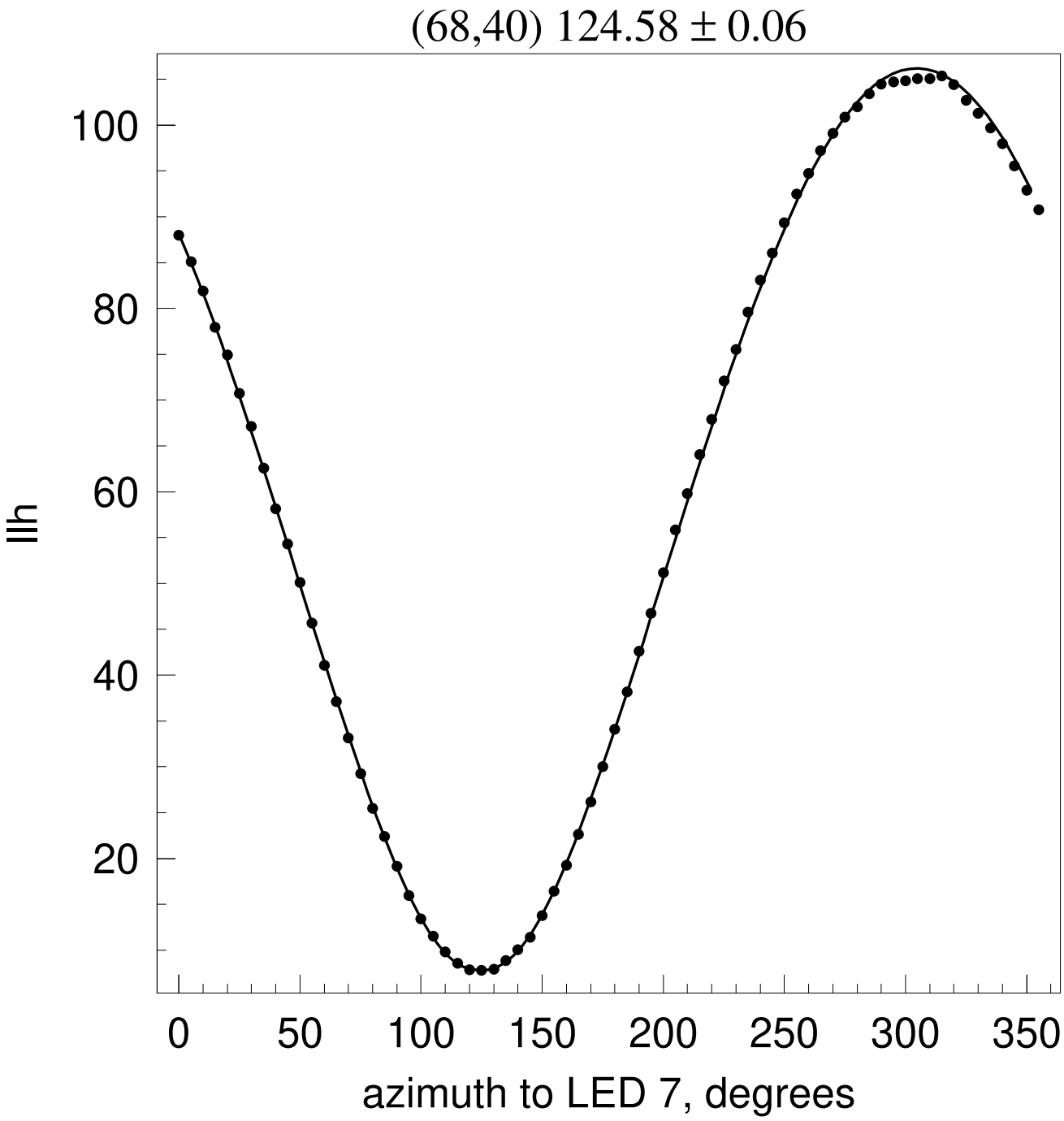

(68,35) 346.07 ± 46.47
11.4
11.2
11
10.8
10.6
10.4
10.2
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

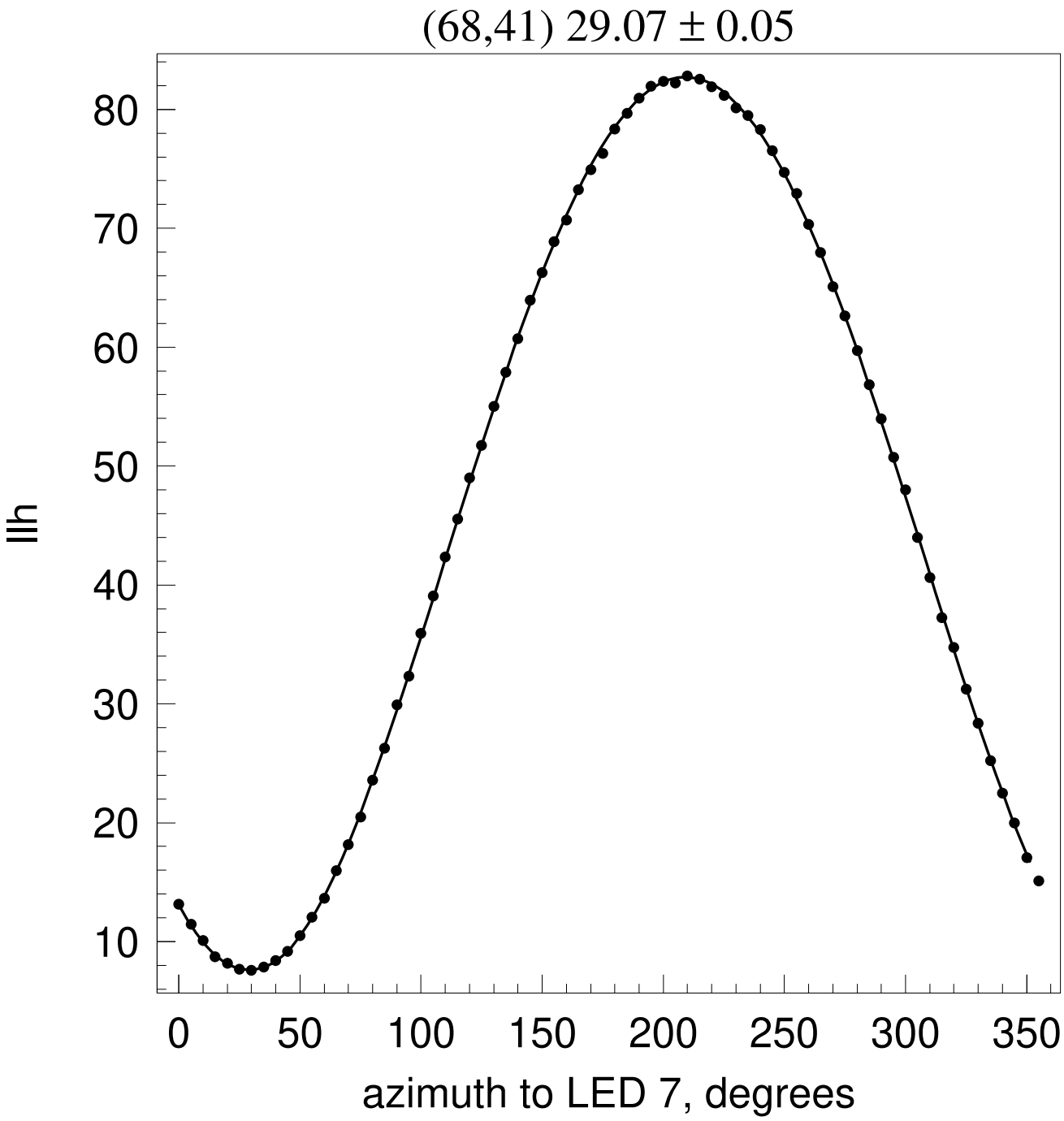

(68,36) 116.52 ± 88.84
10.8
10.6
10.4
10.2
10
9.8
9.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

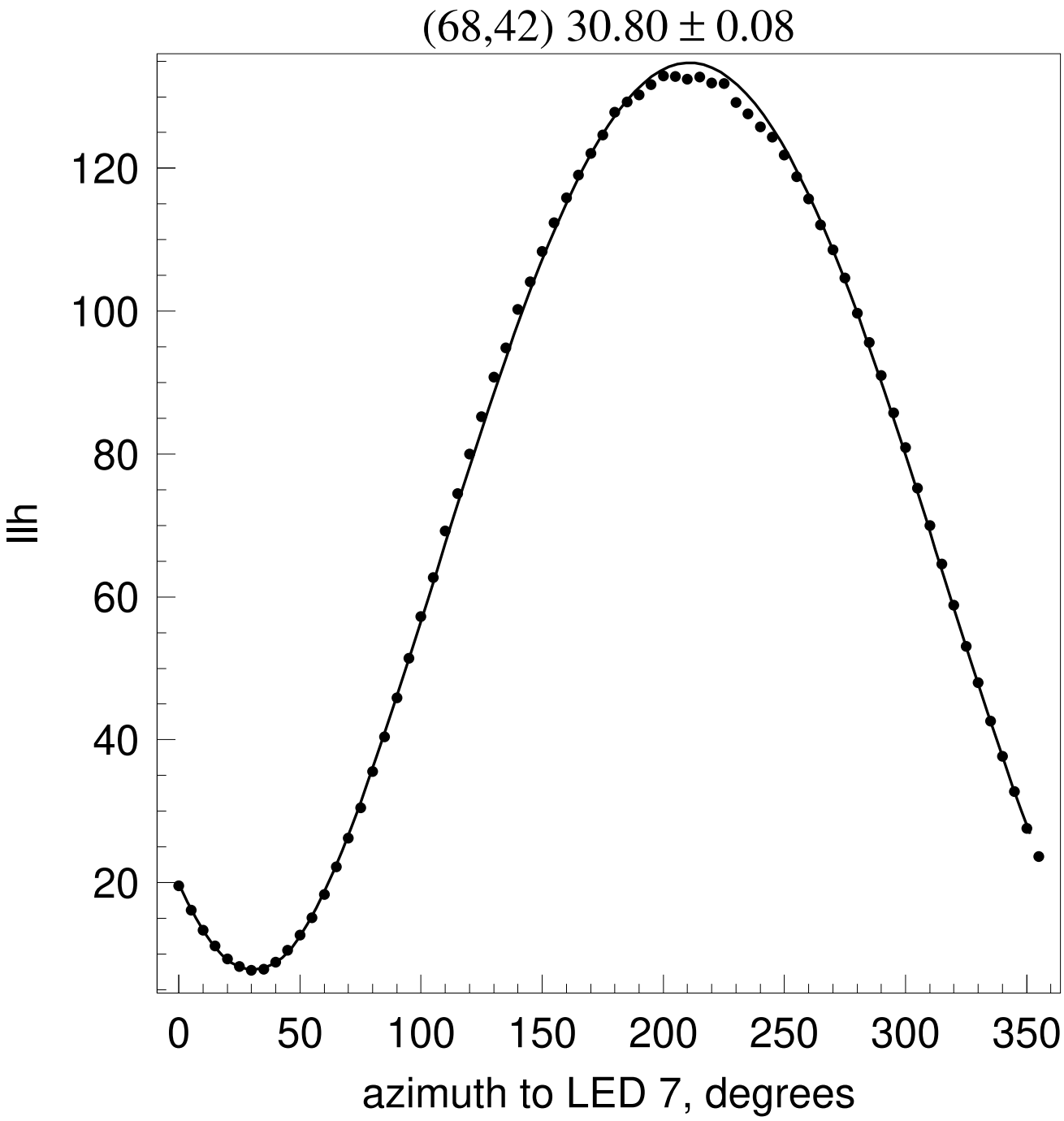

(68,37) 55.55 ± 0.03
12
11.75
11.5
11.25
11
10.75
10.5
10.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

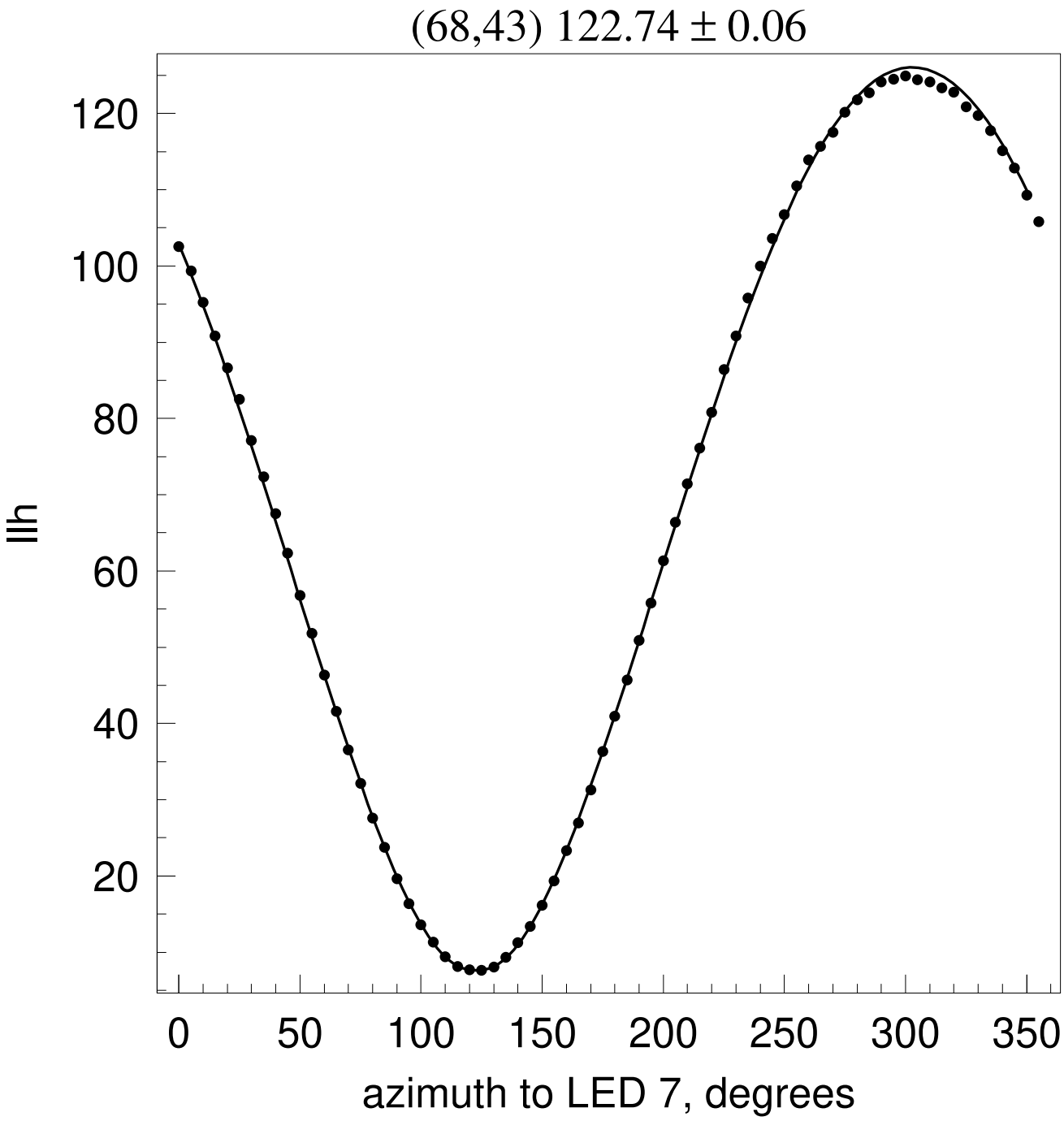

(68,38) 182.06 ± 0.24
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

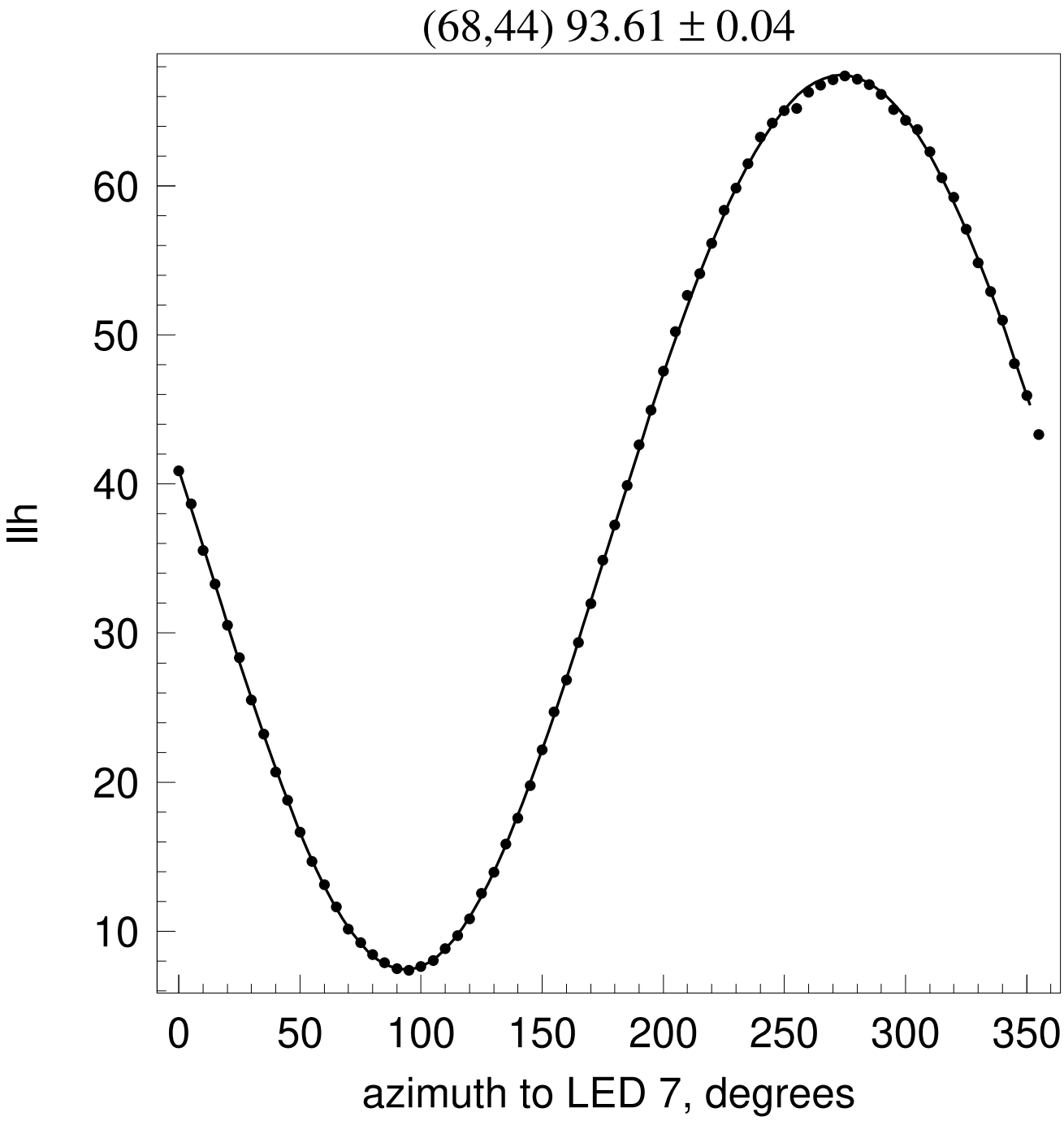

(68,39) 208.18 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

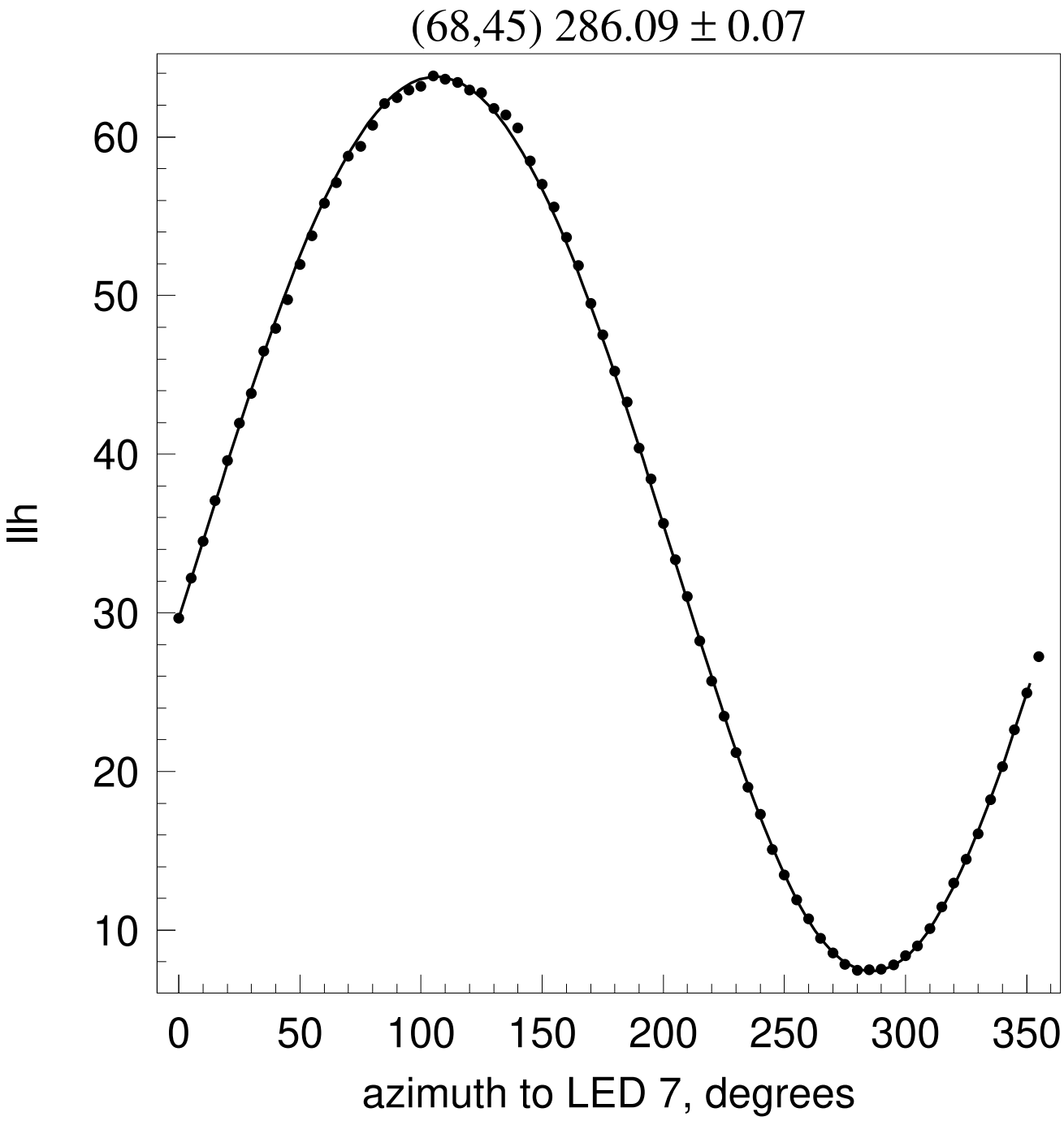

(68,40) 124.58 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

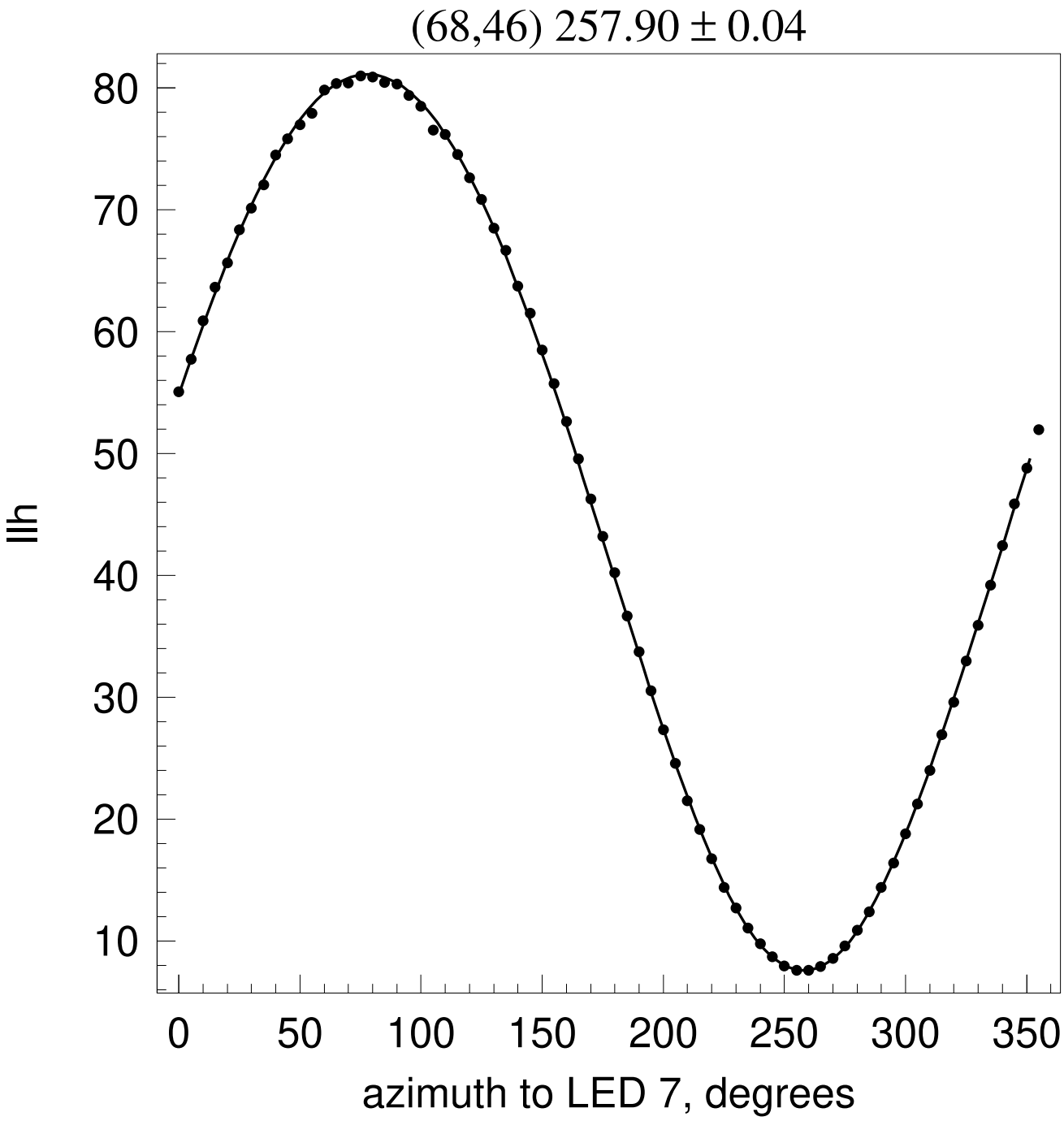

(68,41) 29.07 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

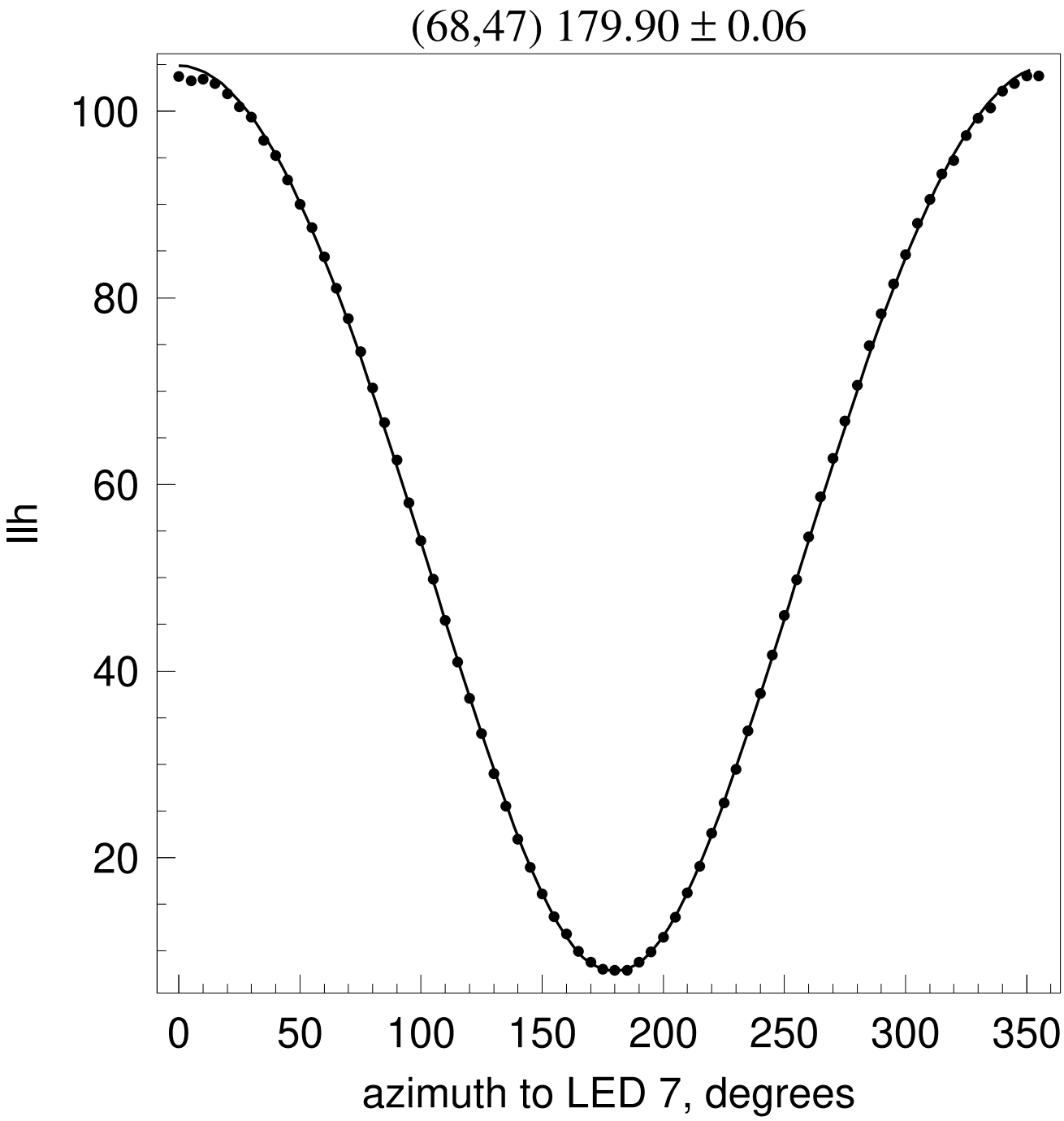

(68,42) 30.80 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

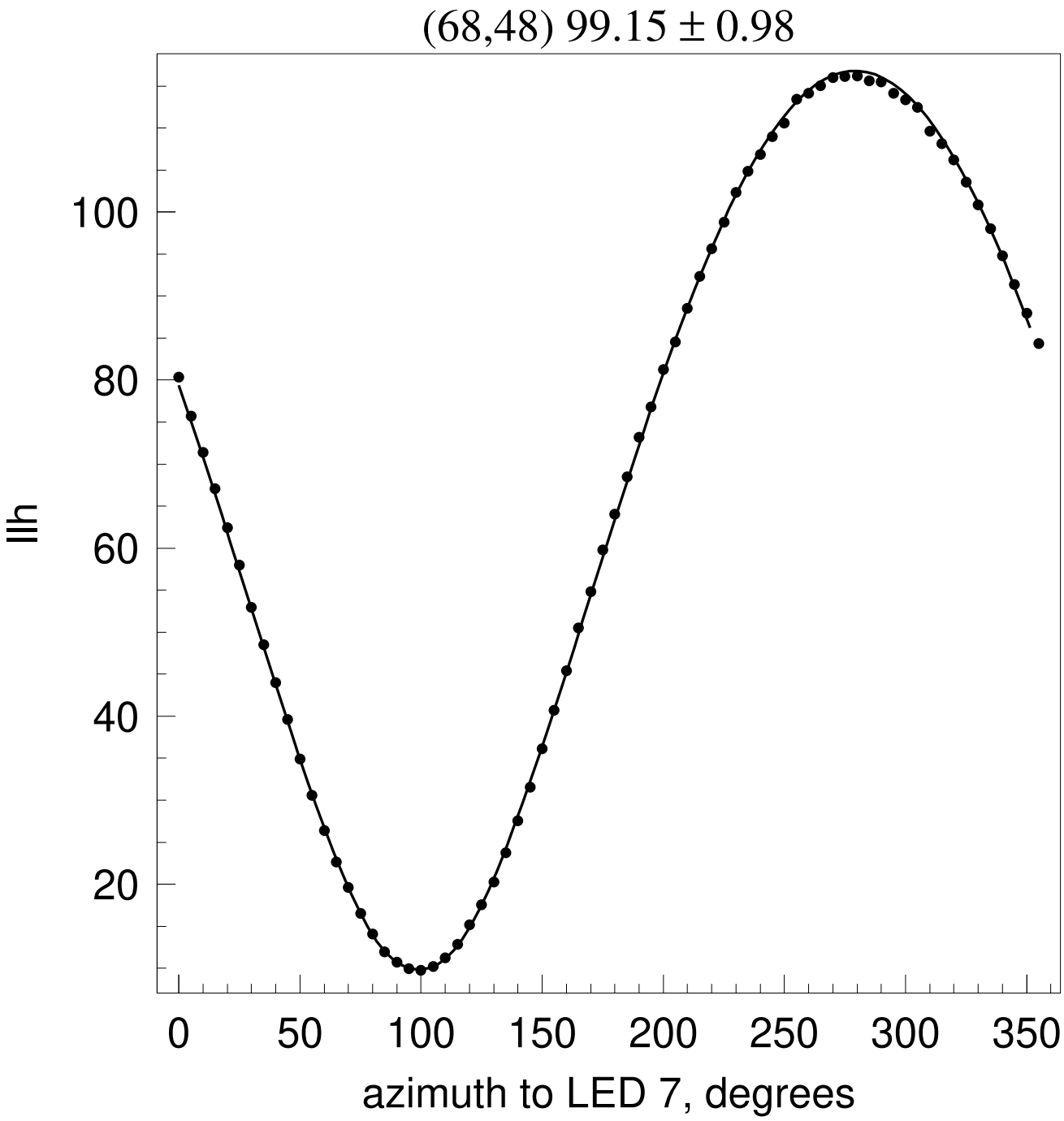

(68,43) 122.74 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

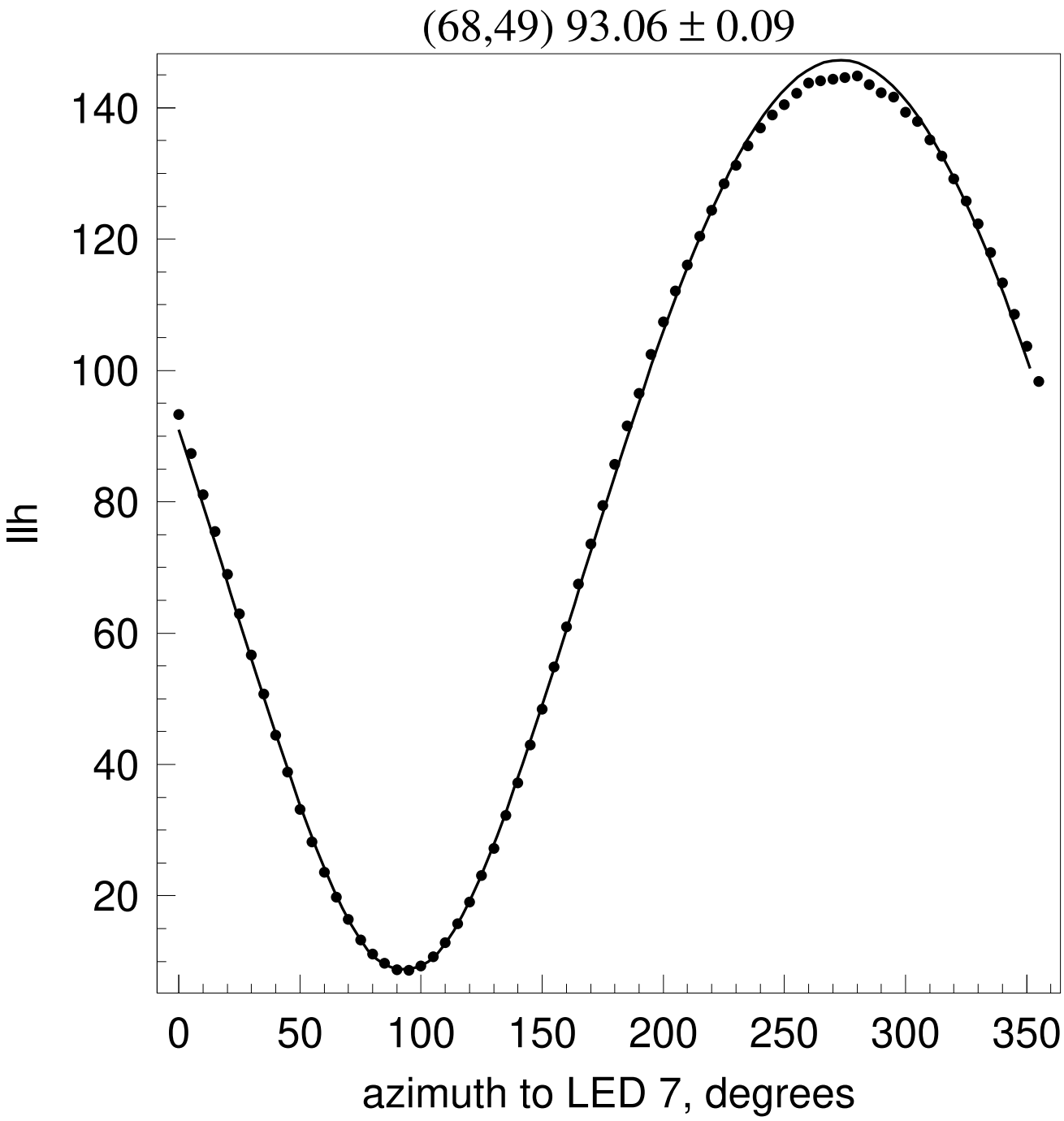

(68,44) 93.61 ± 0.04
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

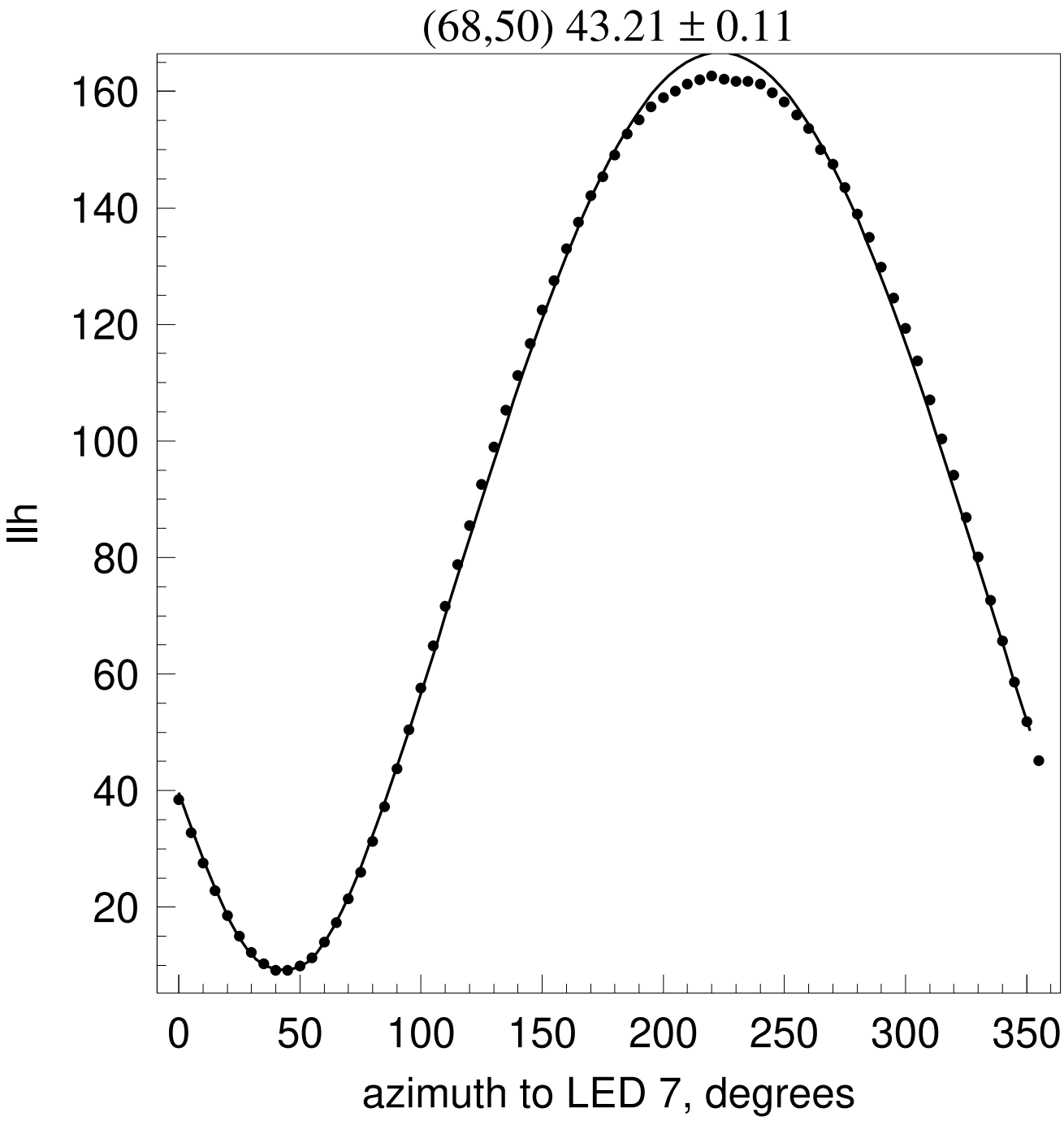

(68,45) 286.09 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

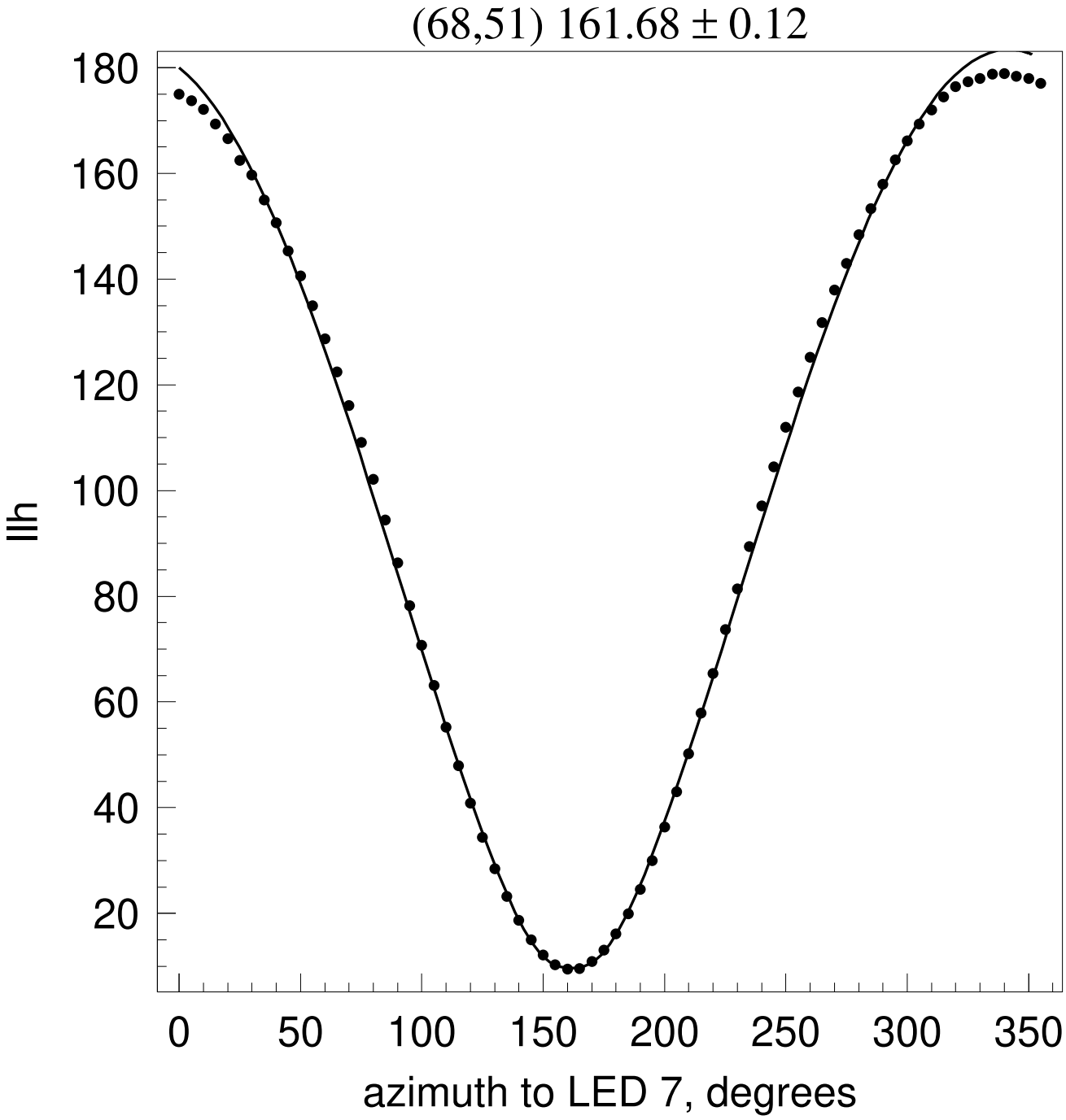

(68,46) 257.90 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

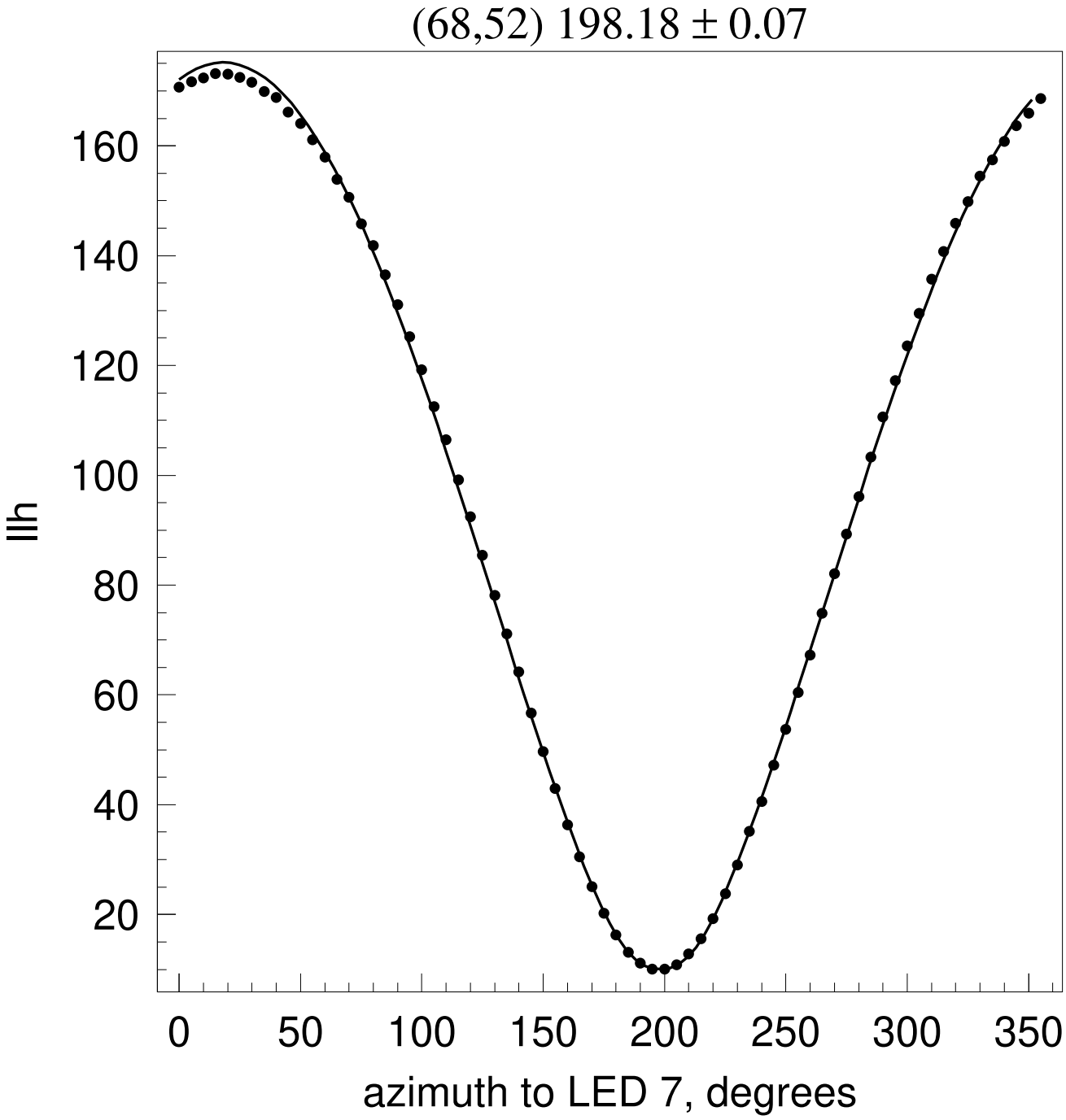

(68,47) 179.90 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

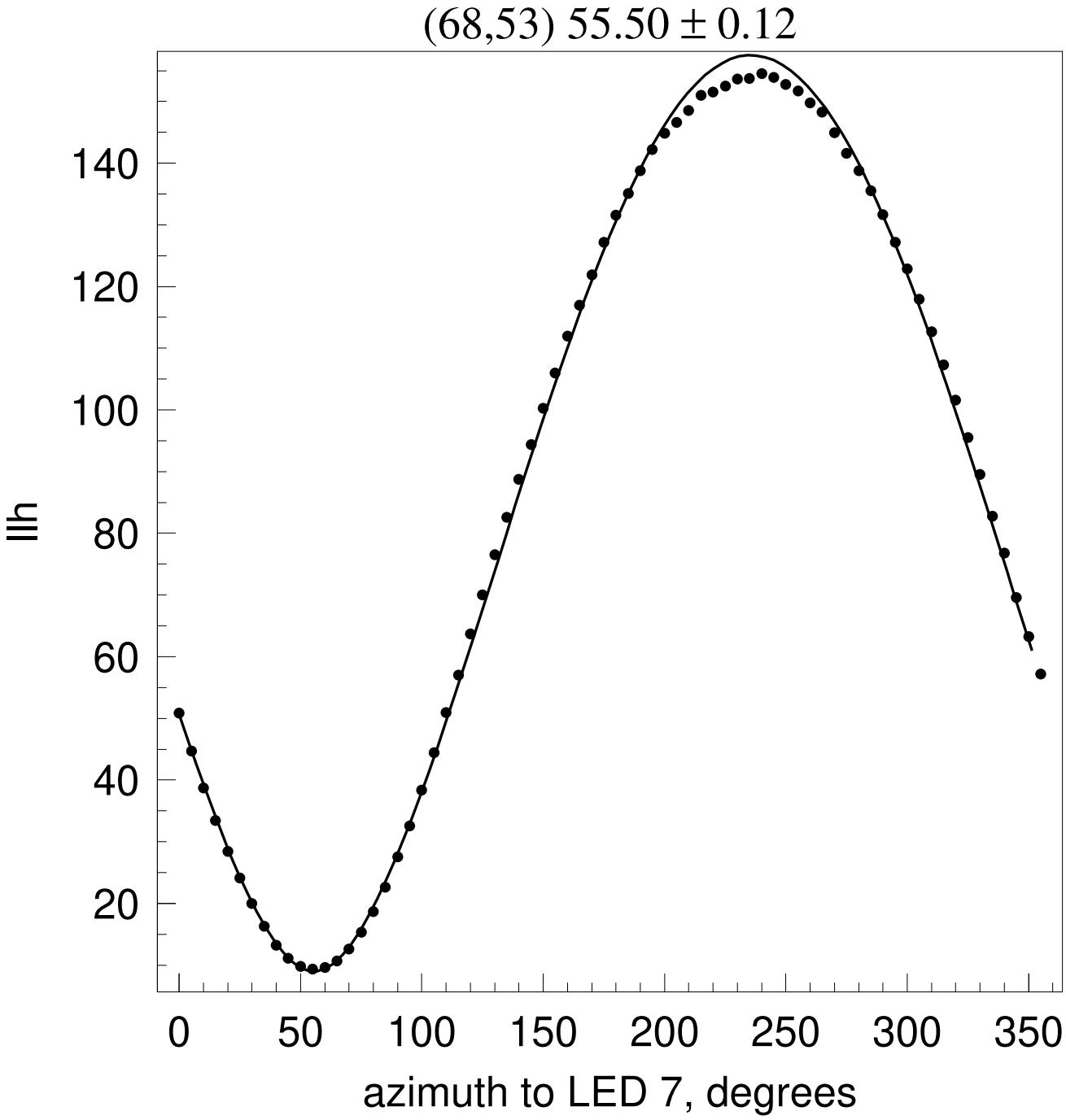

(68,48) 99.15 ± 0.98
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

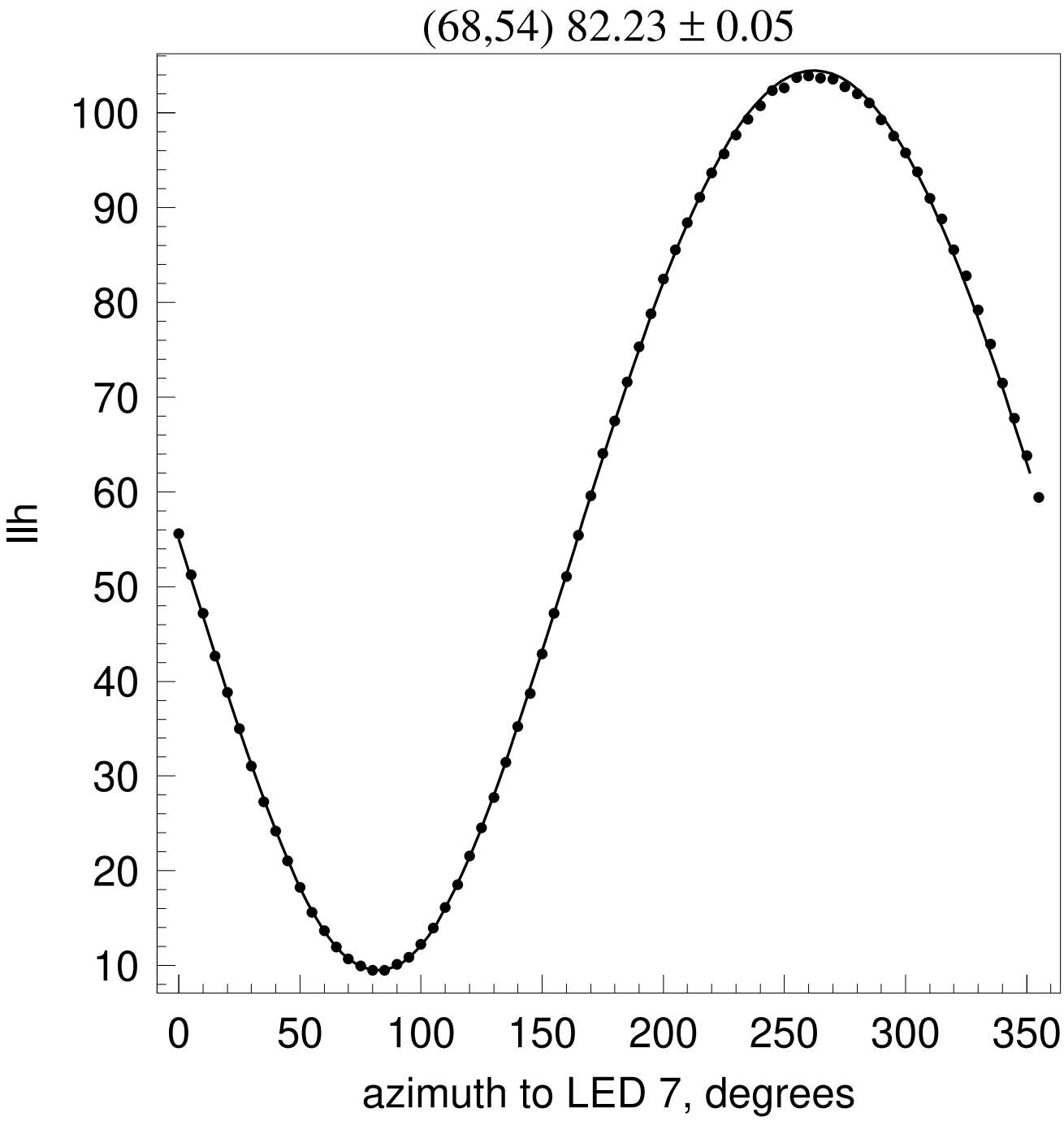

(68,49) 93.06 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

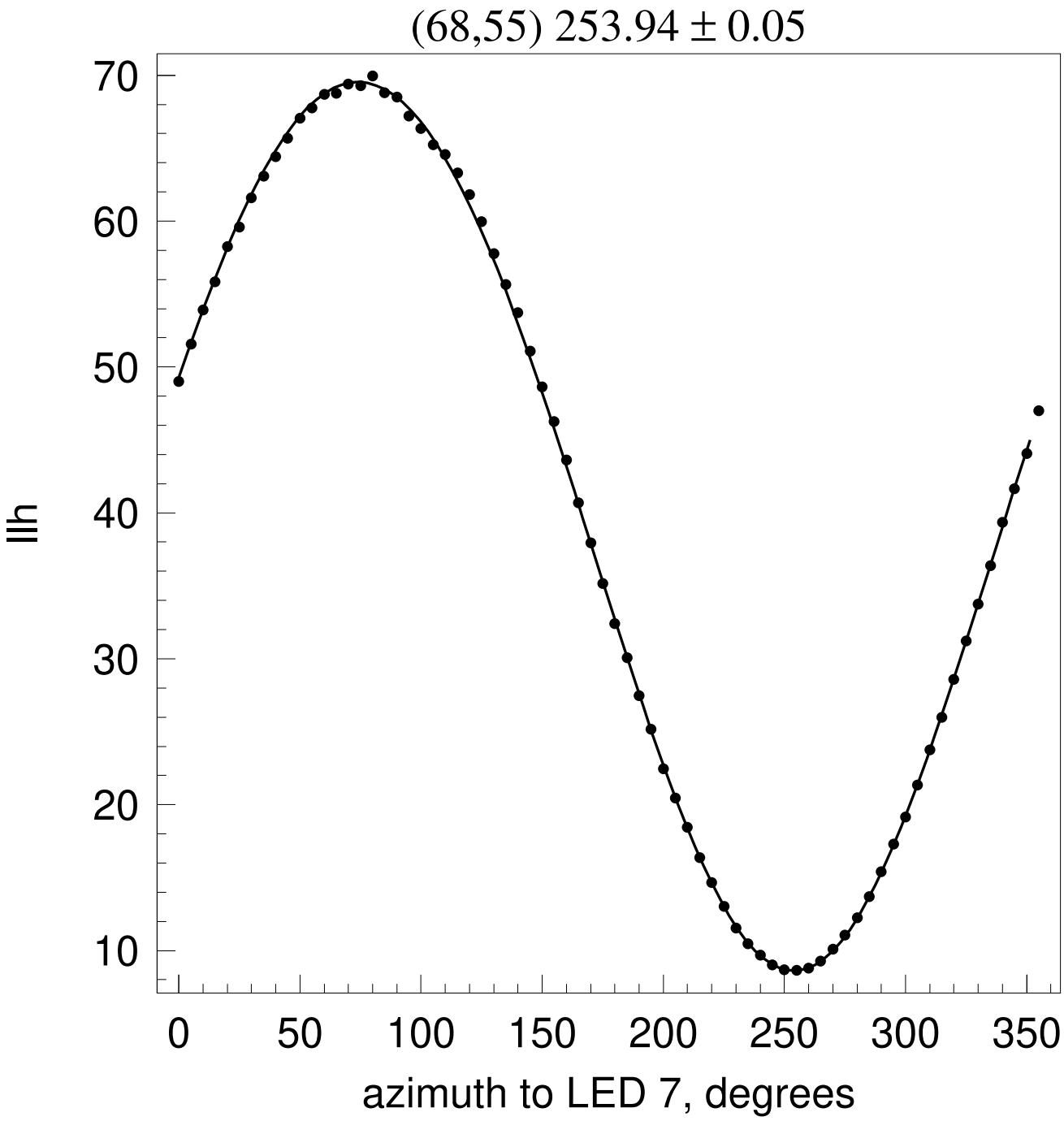

(68,50) 43.21 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

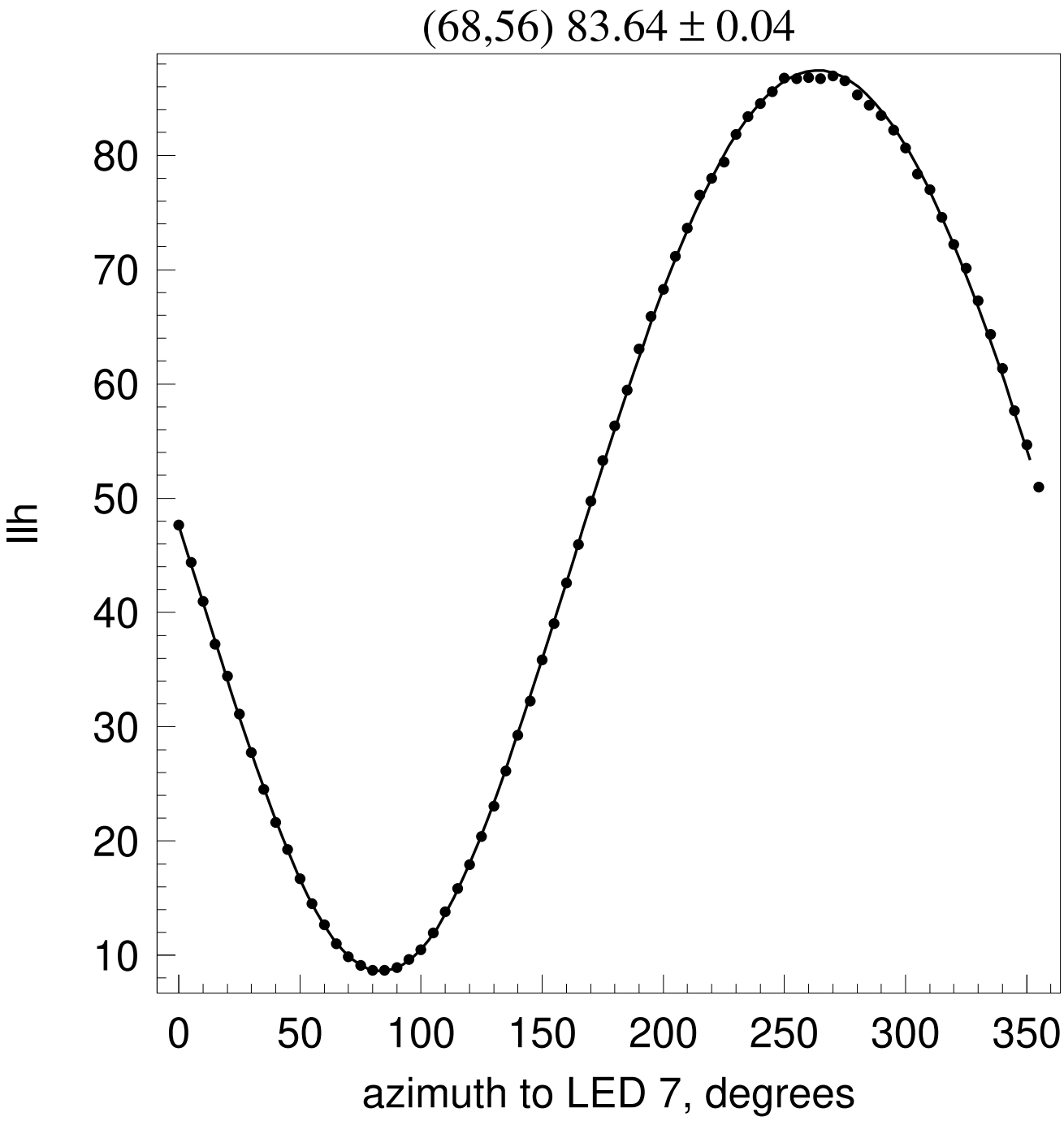

(68,51) 161.68 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

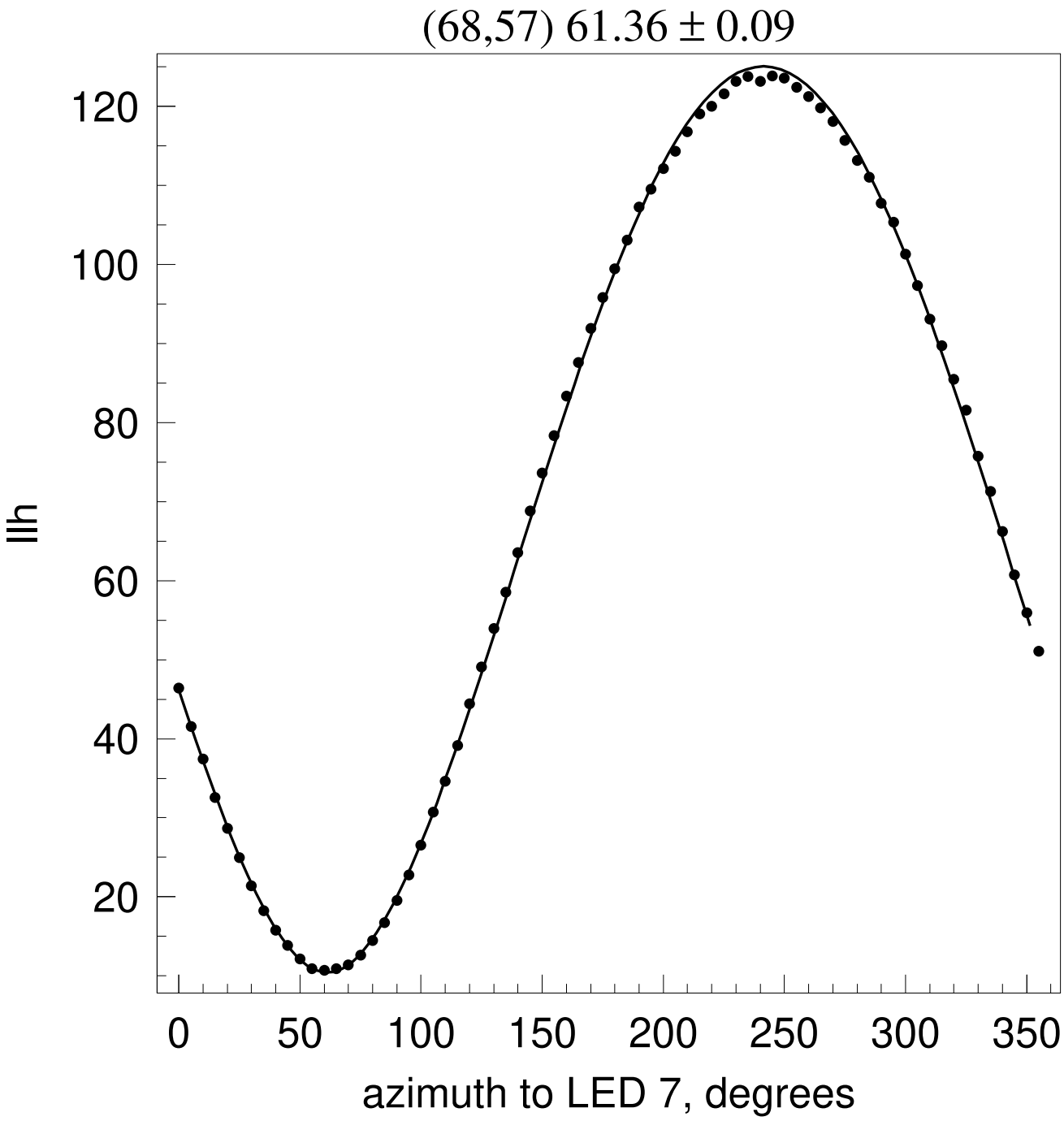

(68,52) 198.18 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

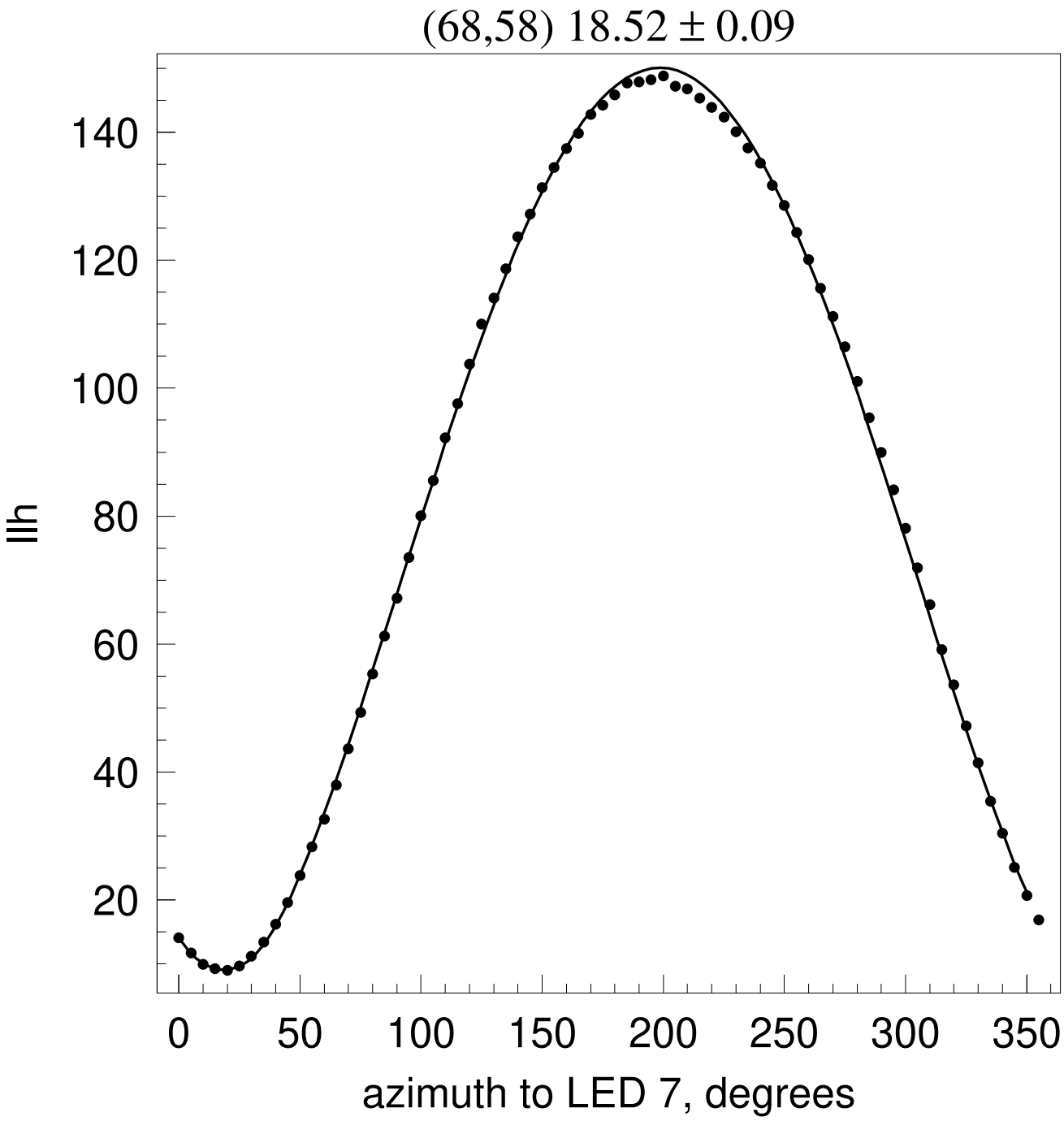

(68,53) 55.50 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

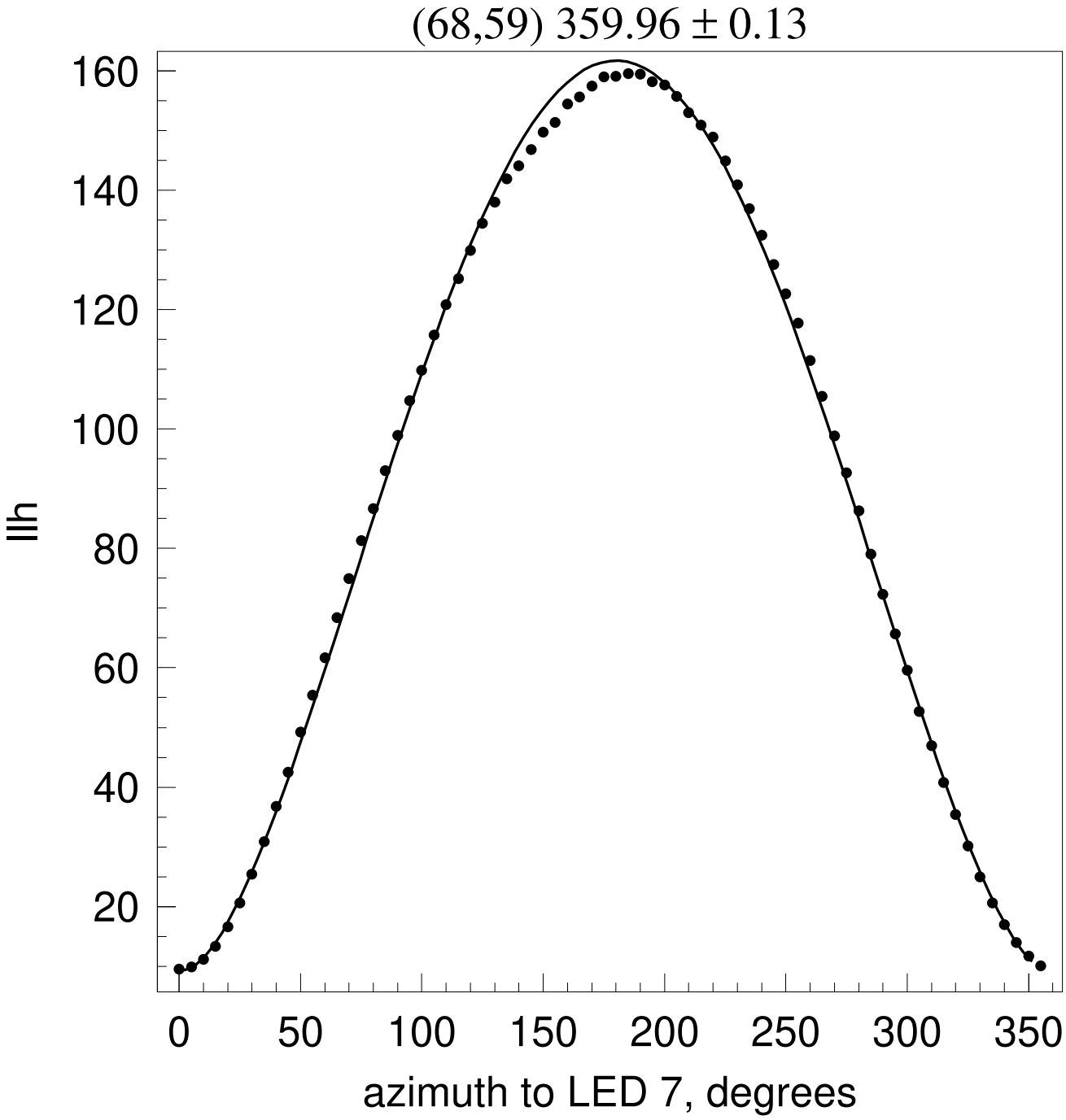

(68,54) 82.23 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

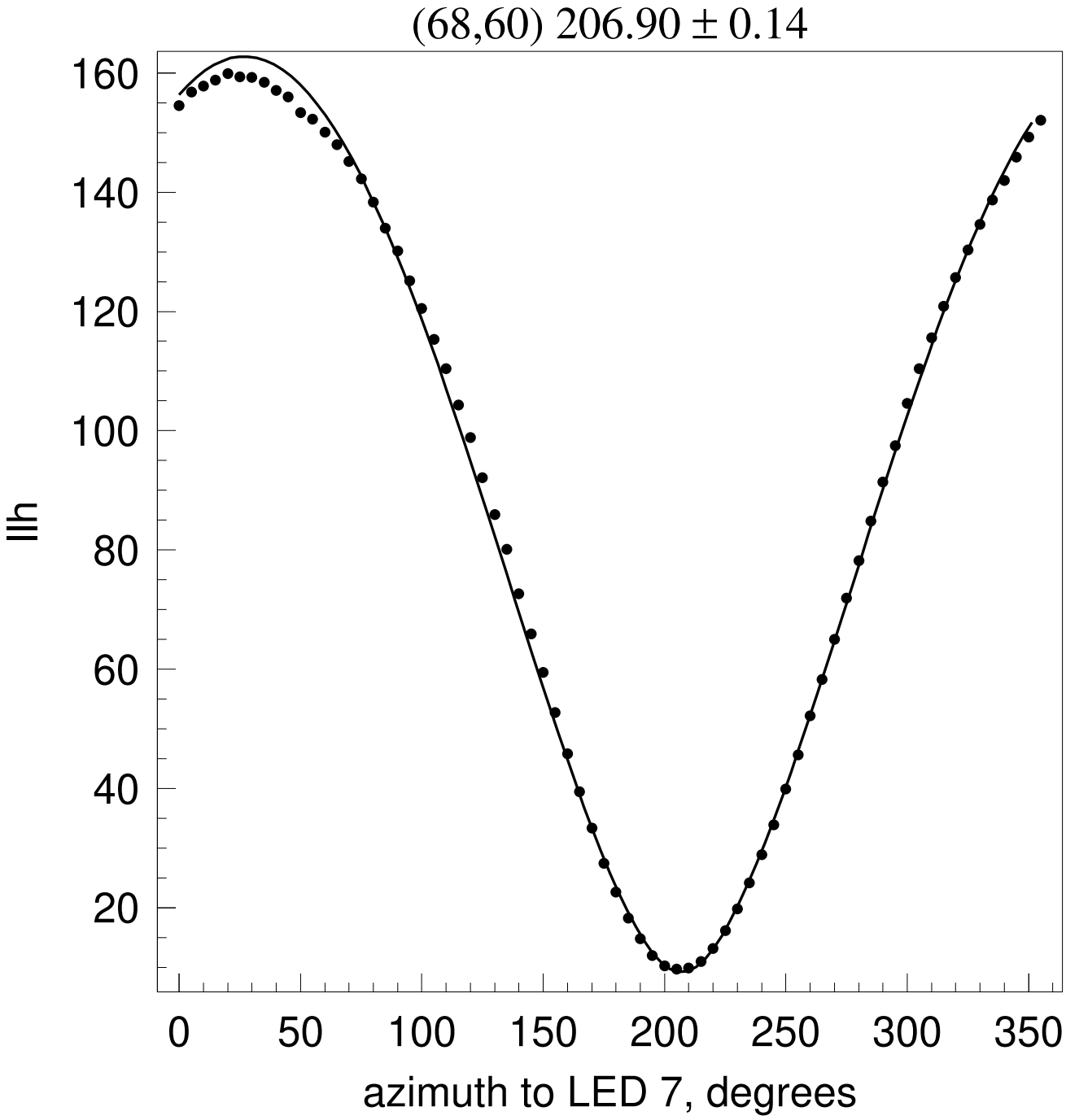

(68,55) 253.94 ± 0.05
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

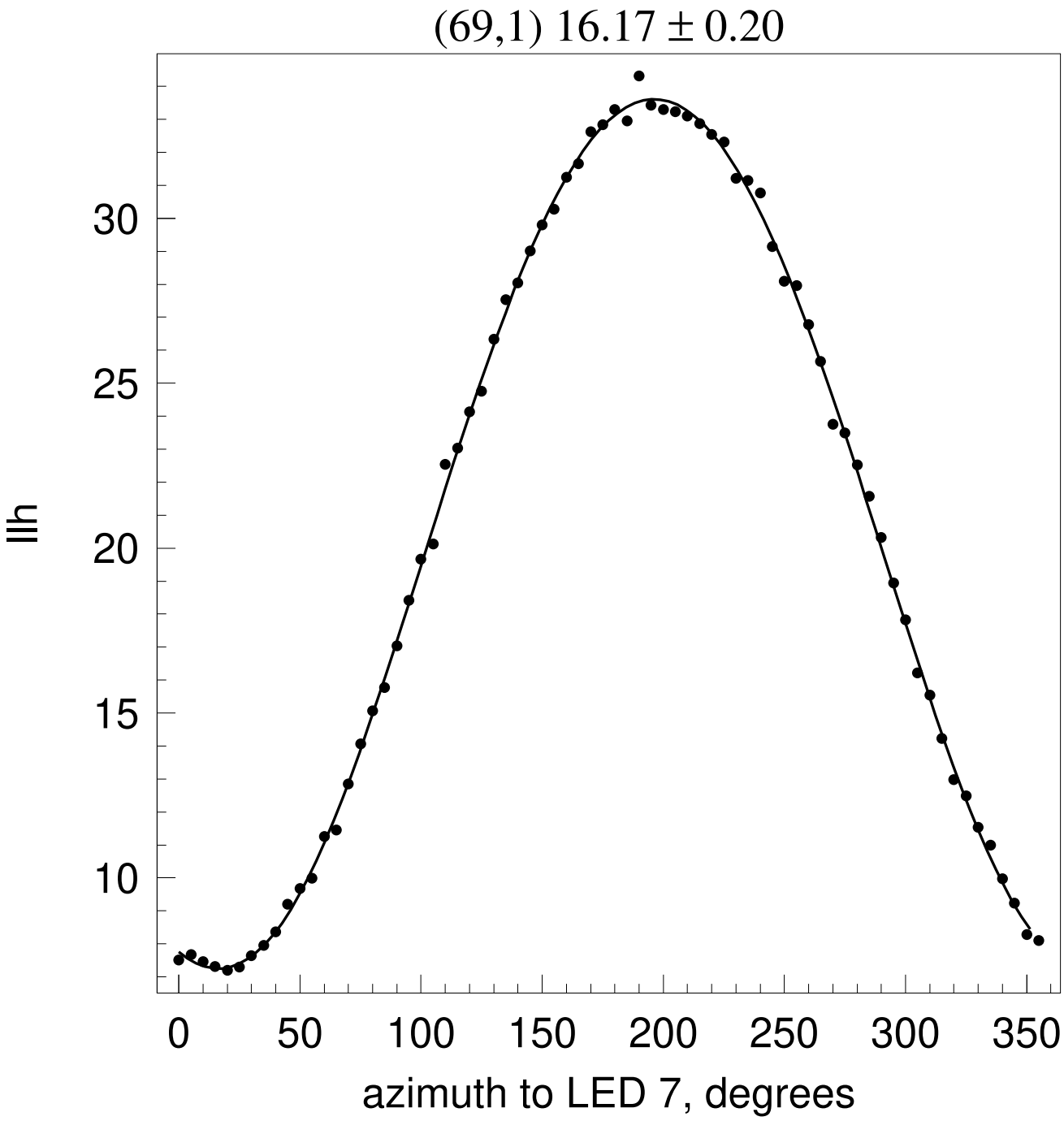

(68,56) 83.64 ± 0.04
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

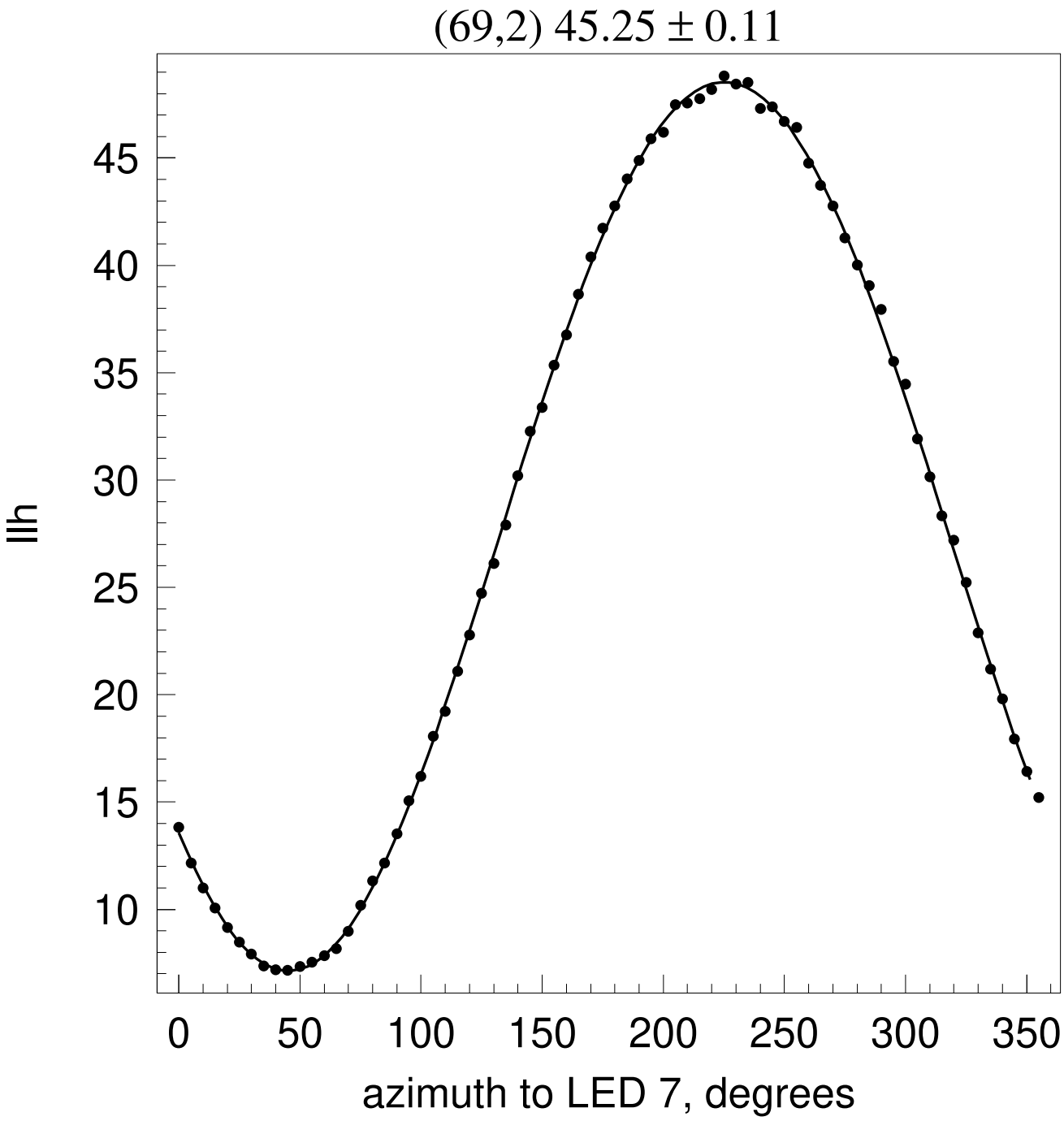

(68,57) 61.36 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

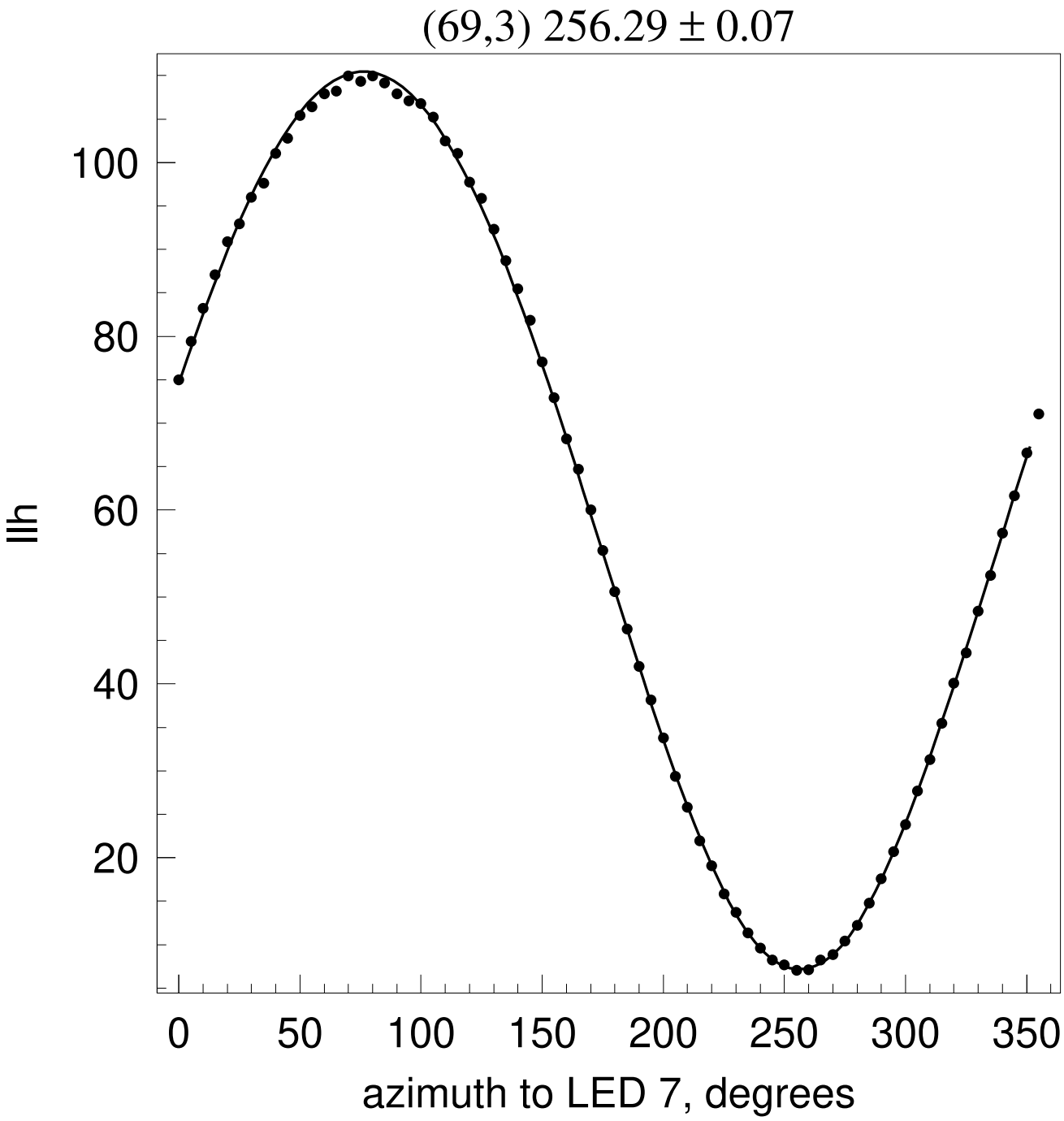

(68,58) 18.52 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

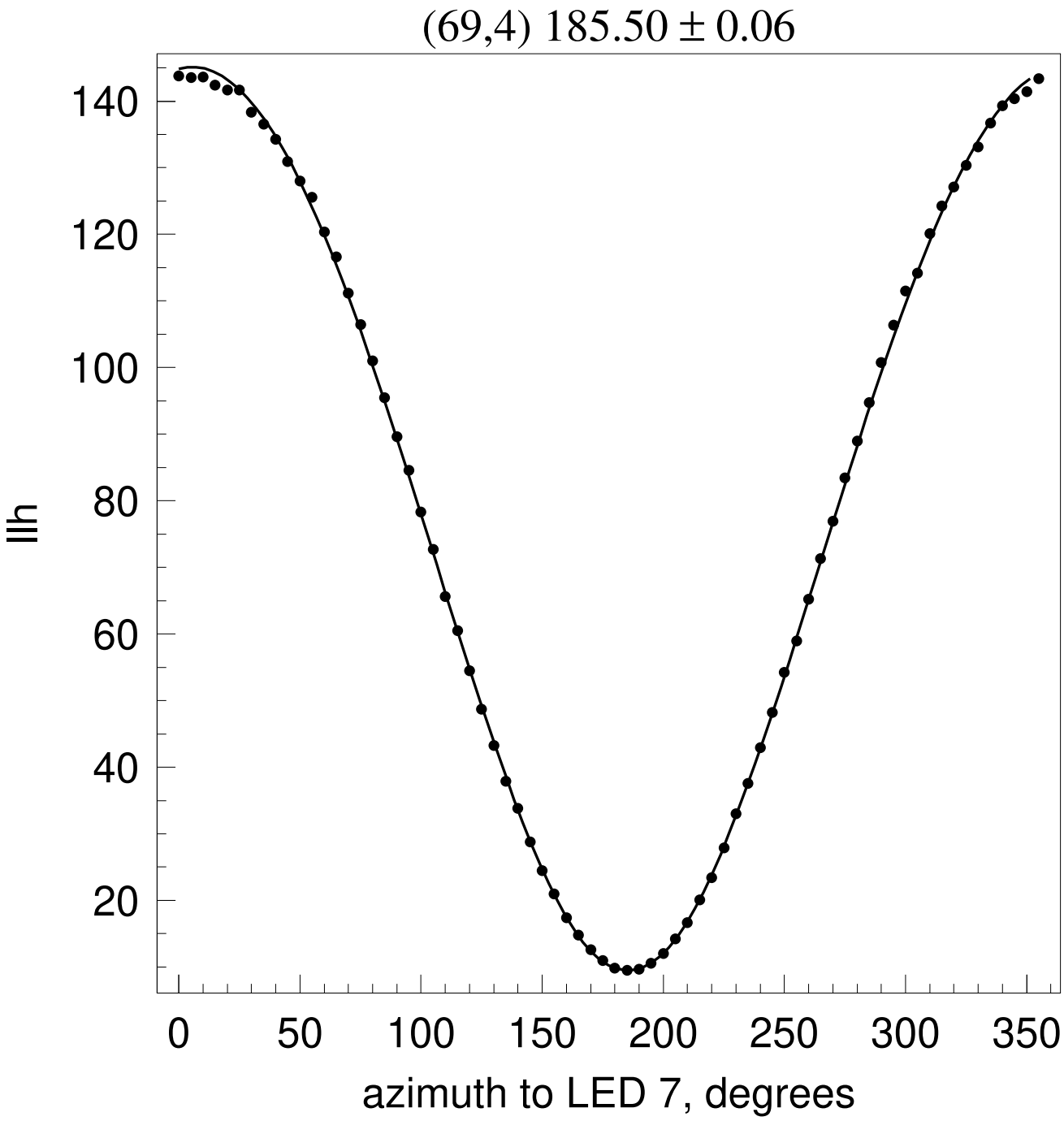

(68,59) 359.96 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

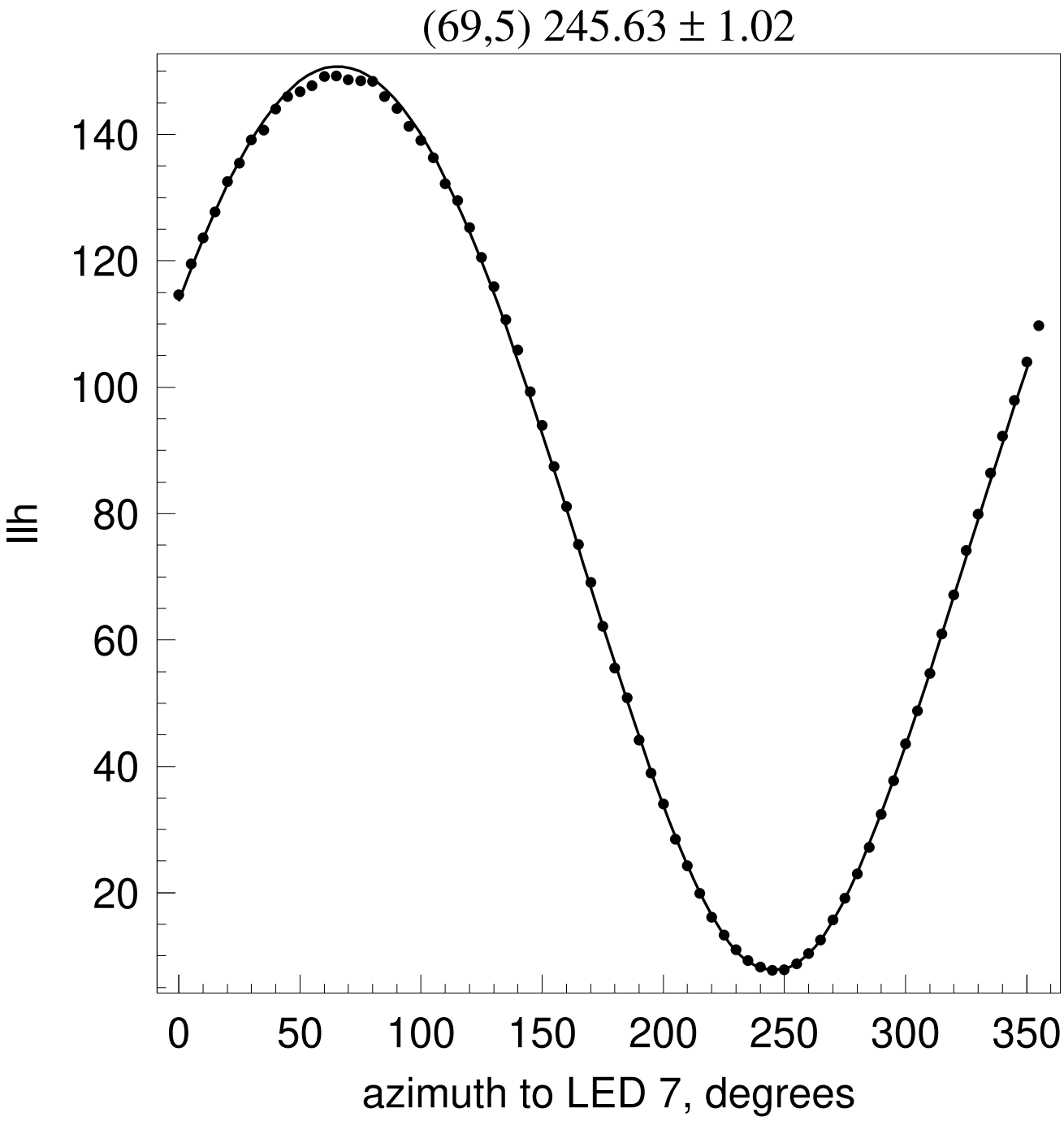

(68,60) 206.90 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

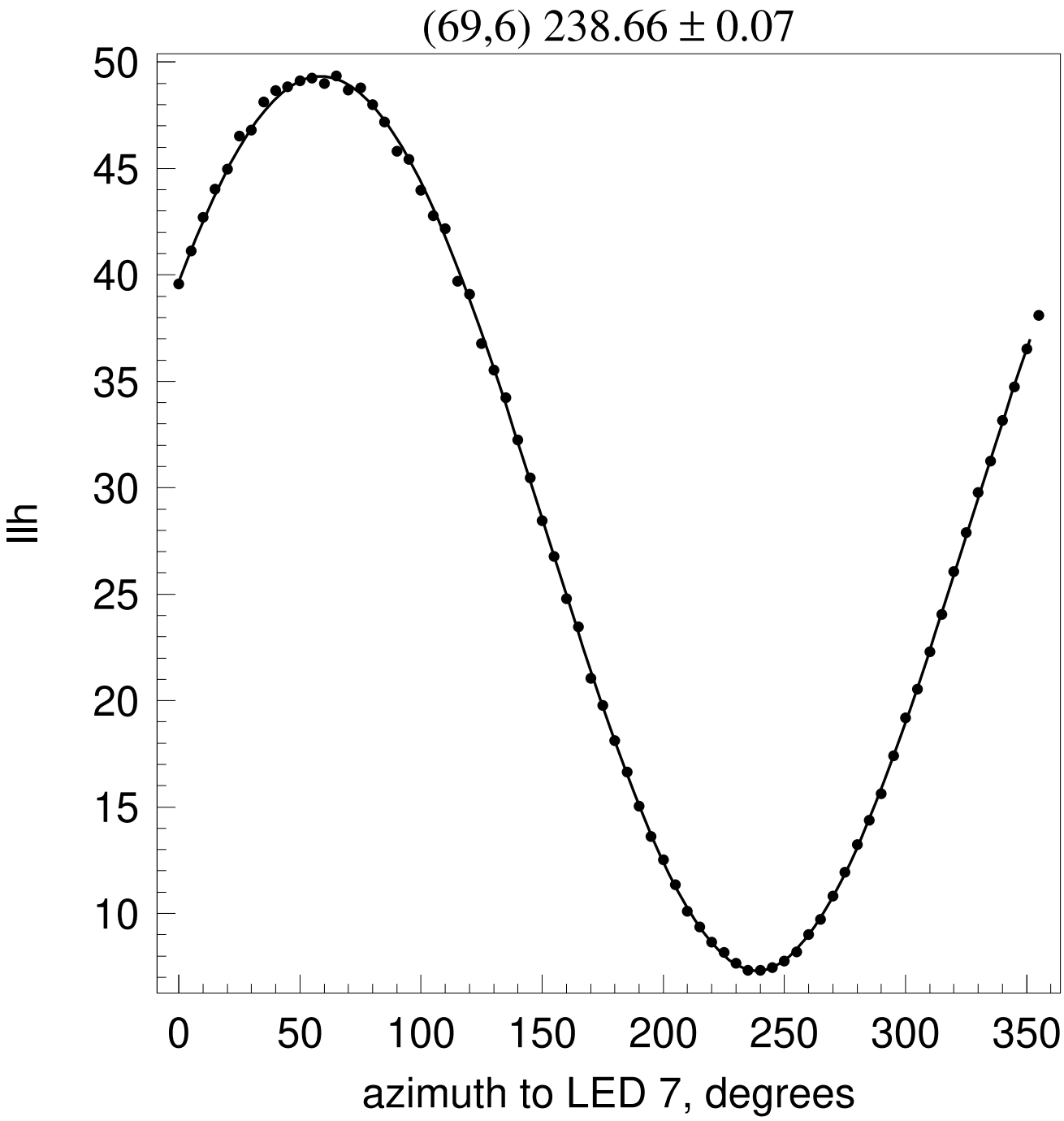

(69,1) 16.17 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

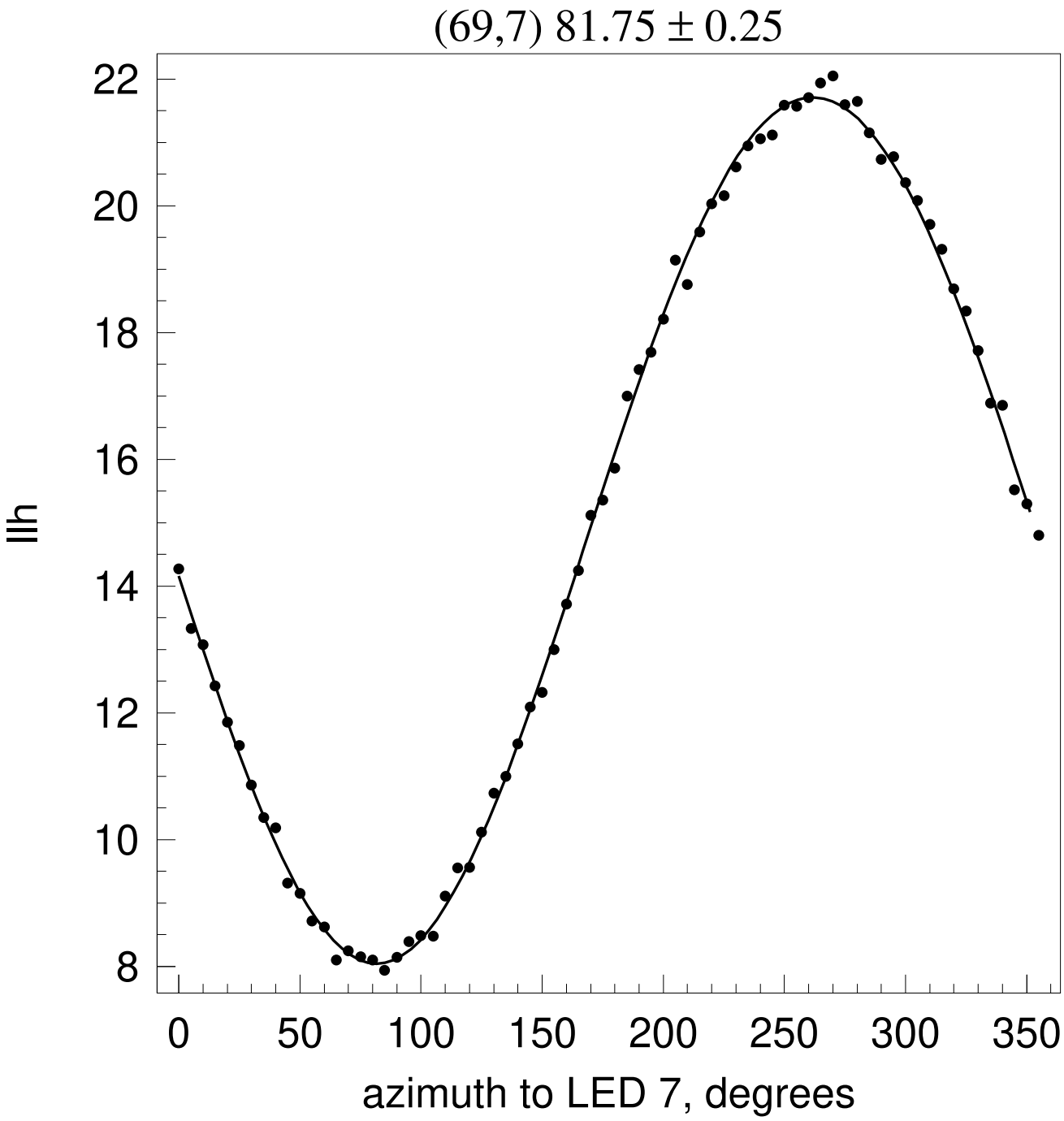

(69,2) 45.25 ± 0.11
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

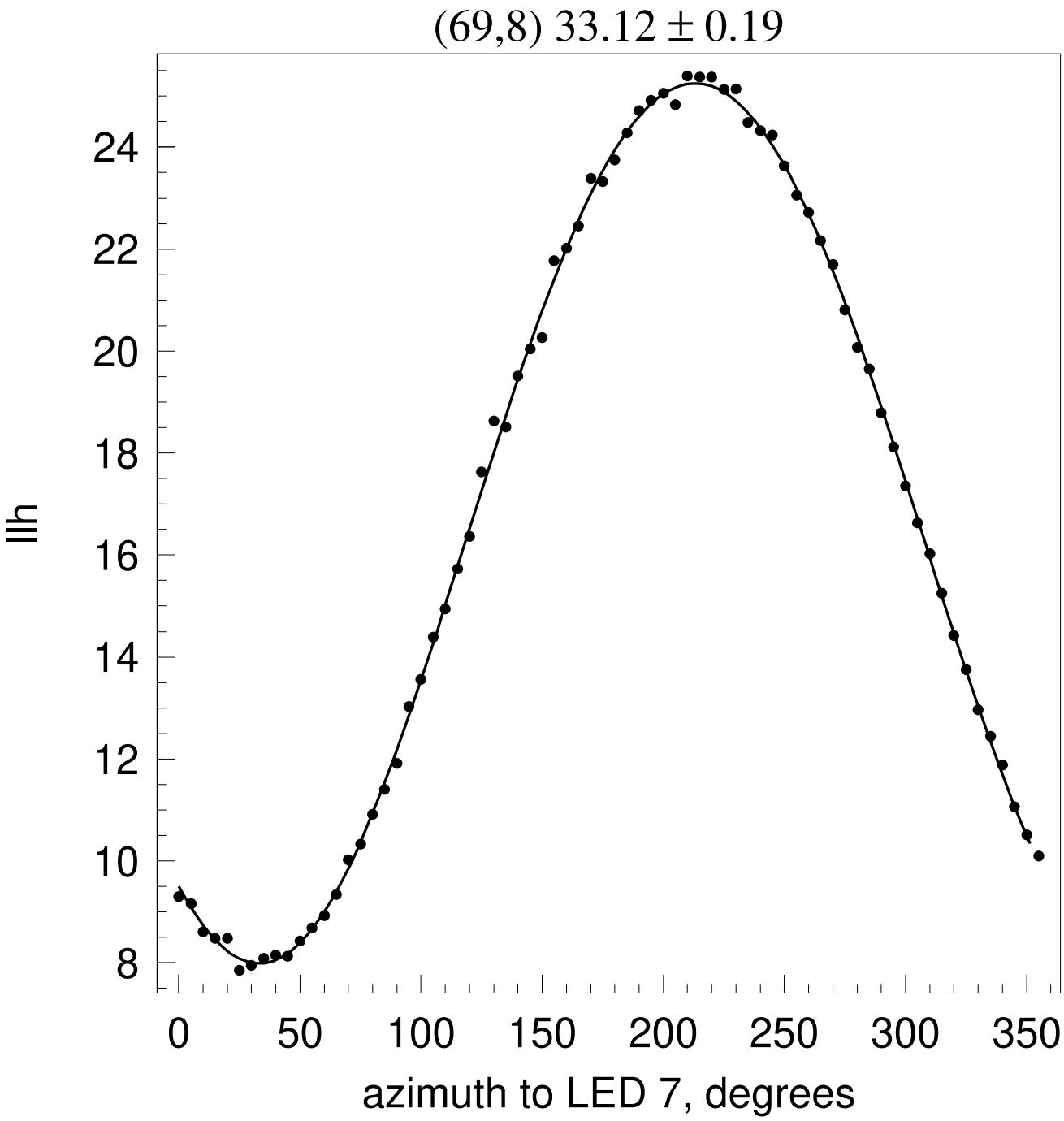

(69,3) 256.29 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

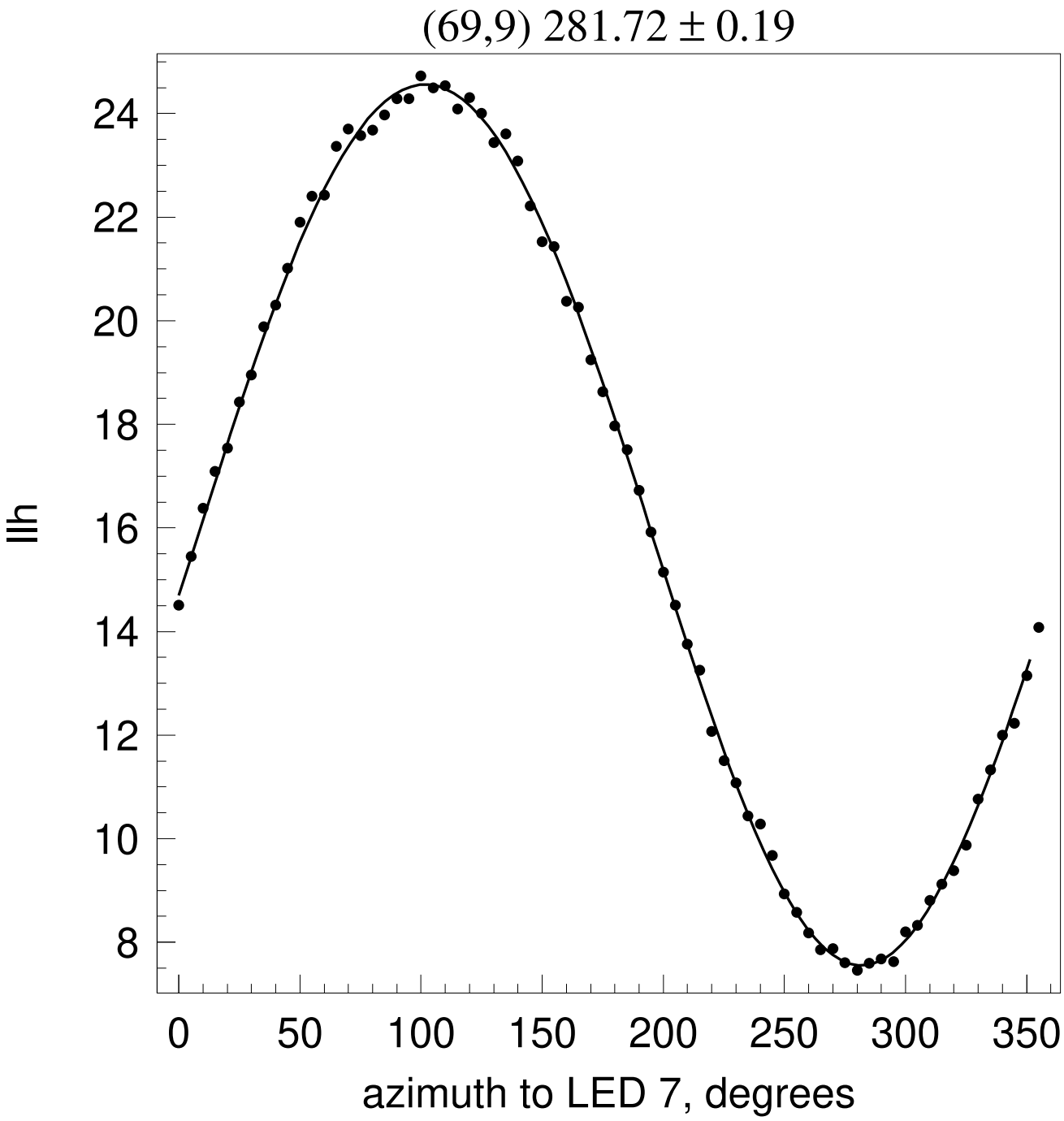

(69,4) 185.50 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

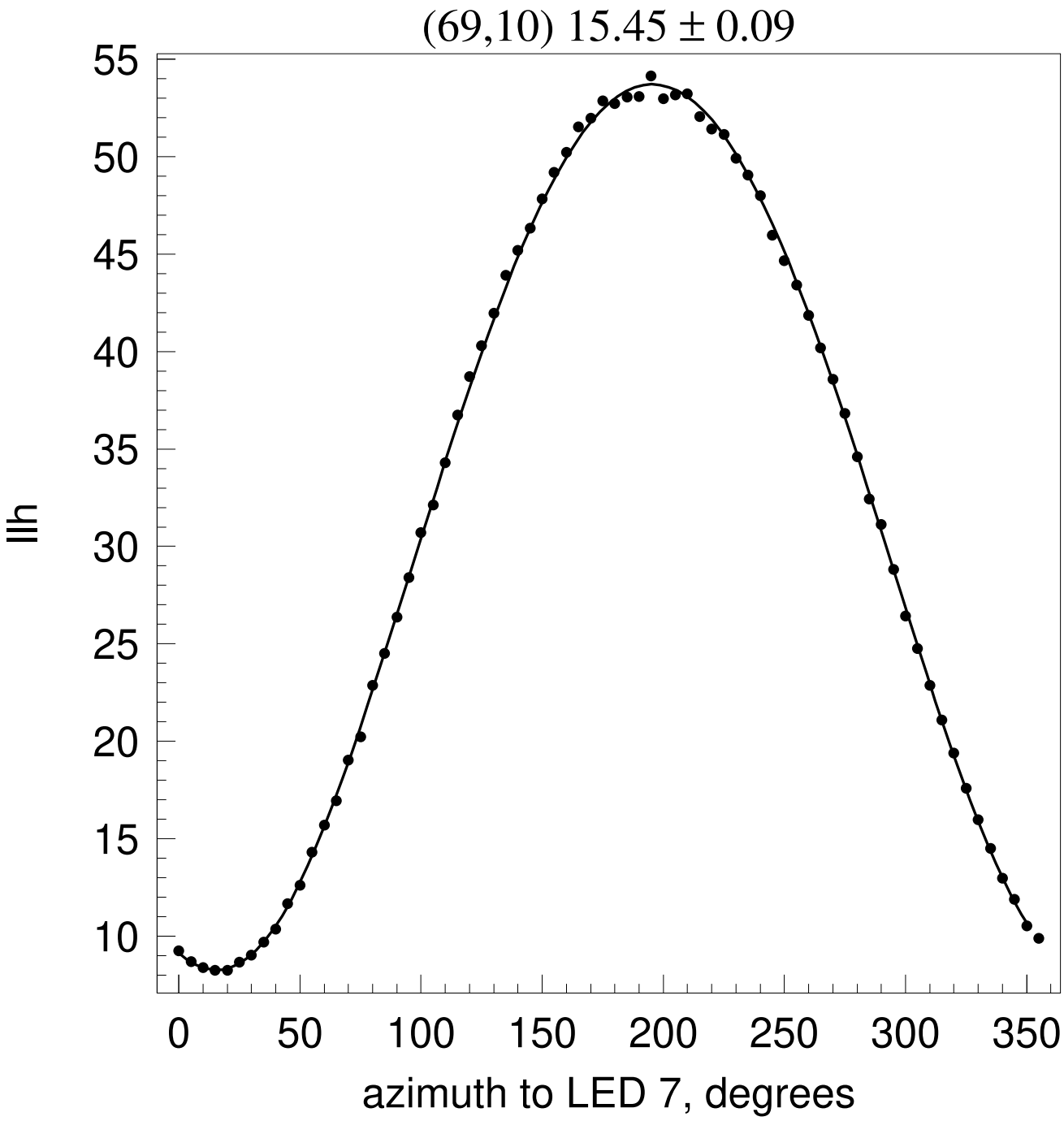

(69,5) 245.63 ± 1.02
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

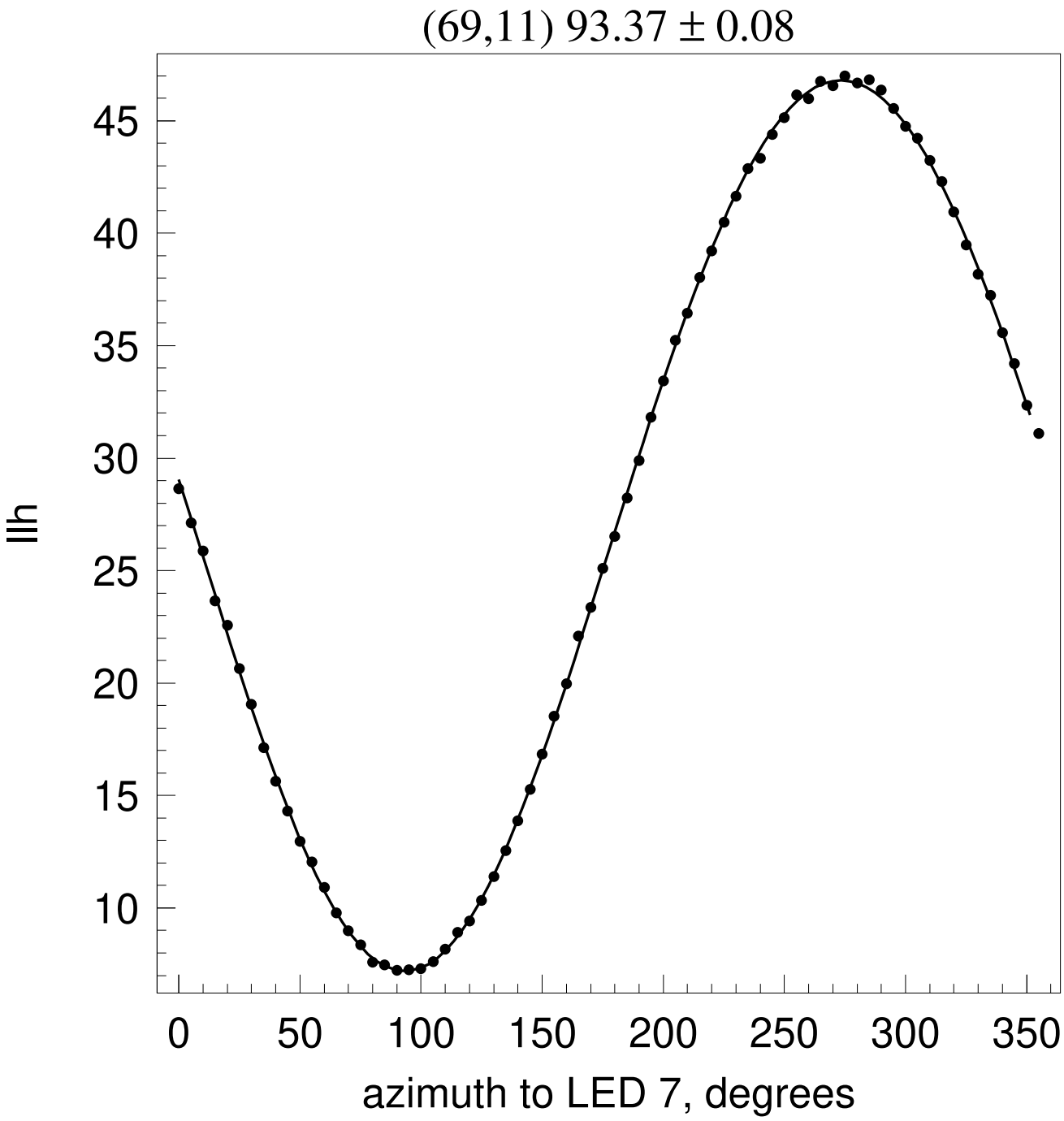

(69,6) 238.66 ± 0.07
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

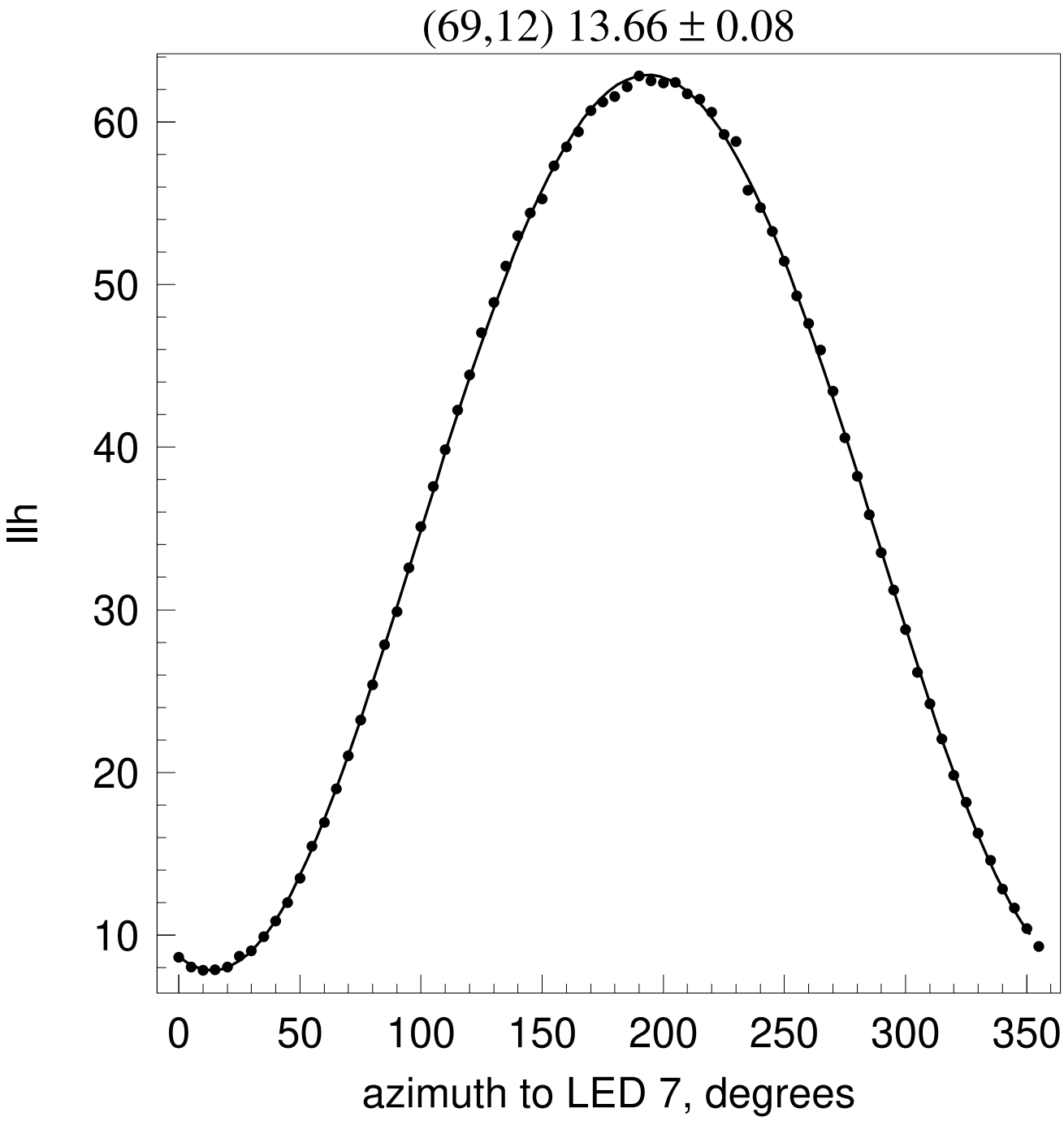

(69,7) 81.75 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

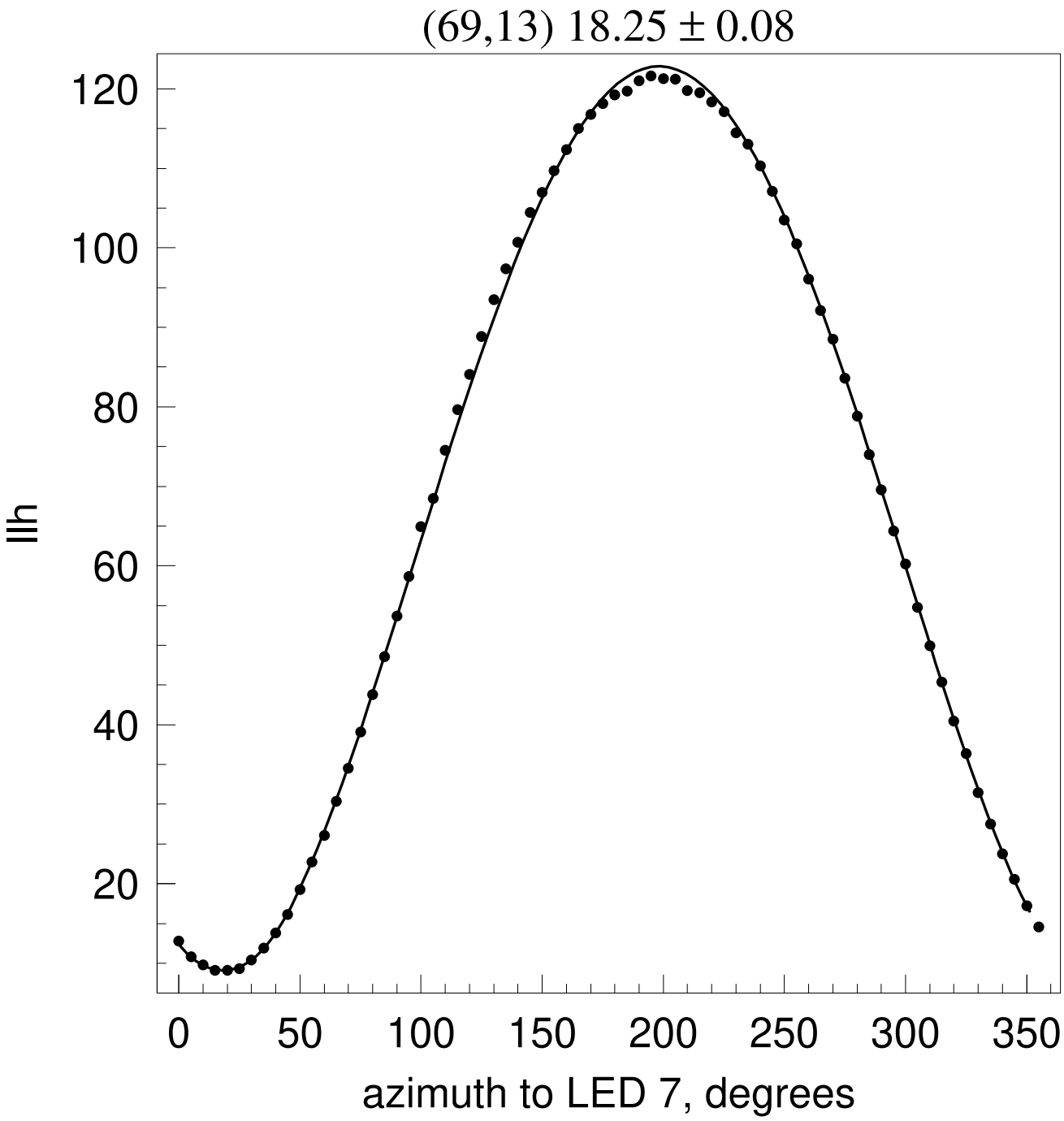

(69,8) 33.12 ± 0.19
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

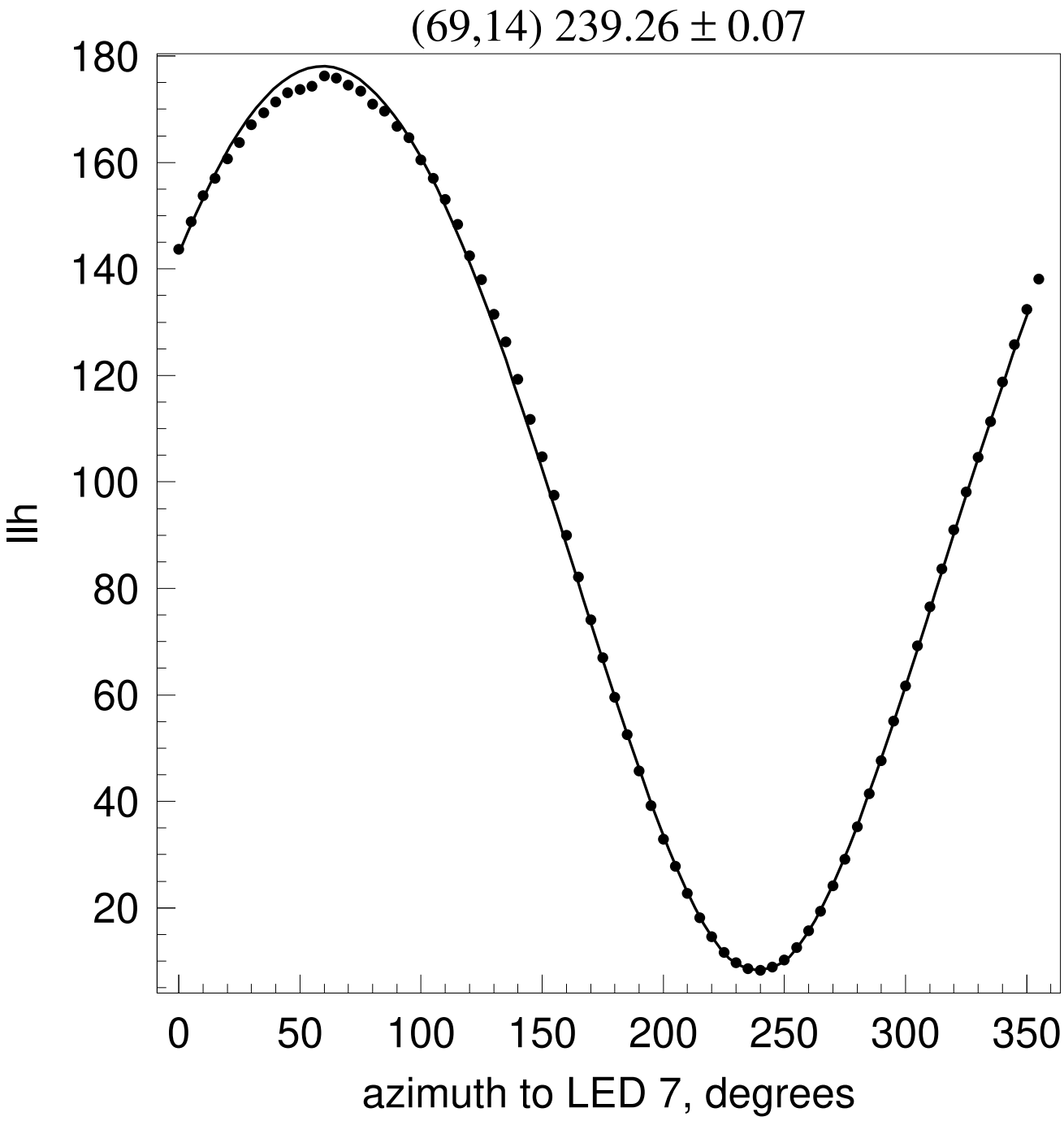

(69,9) 281.72 ± 0.19
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

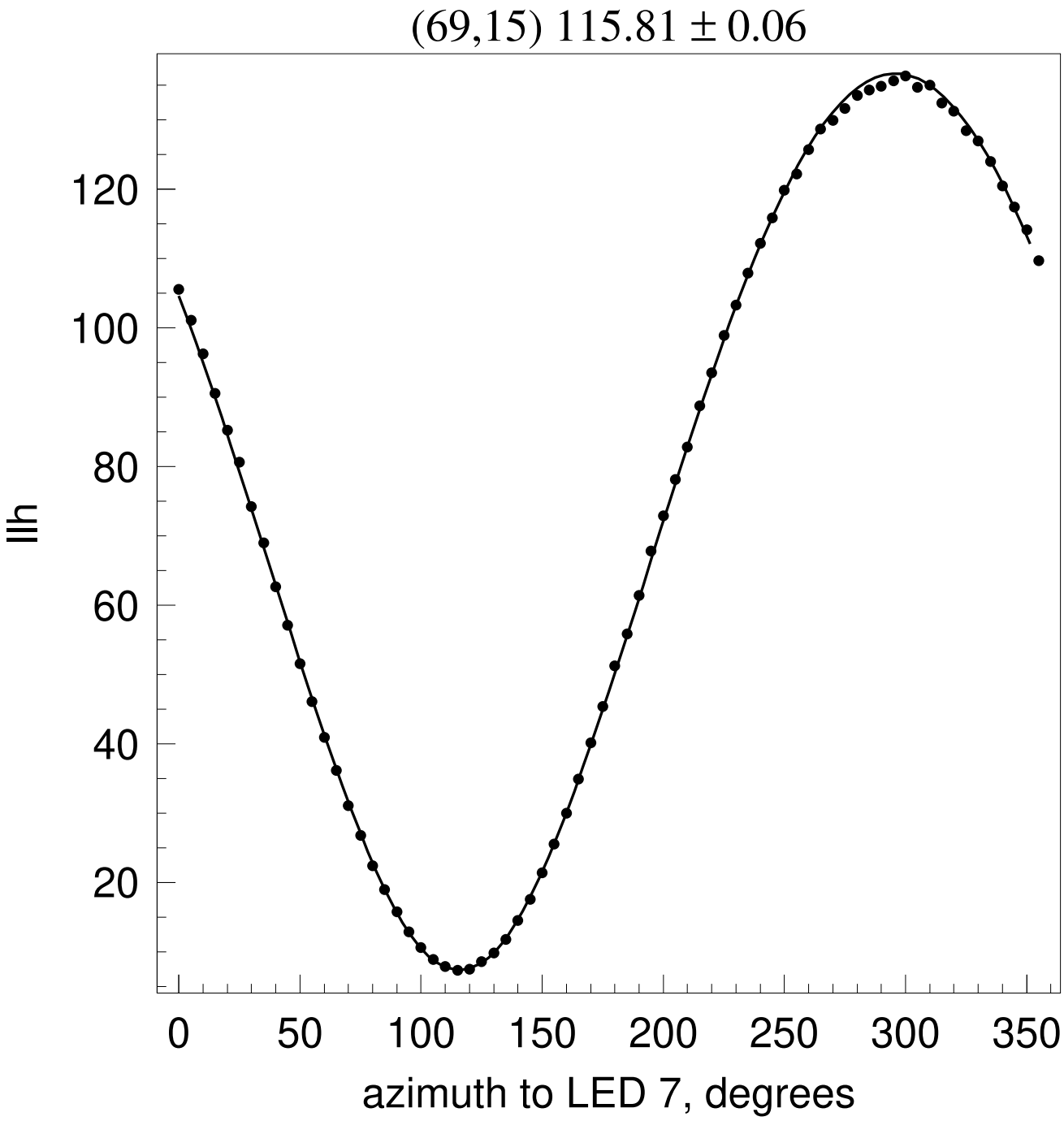

(69,10) 15.45 ± 0.09
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

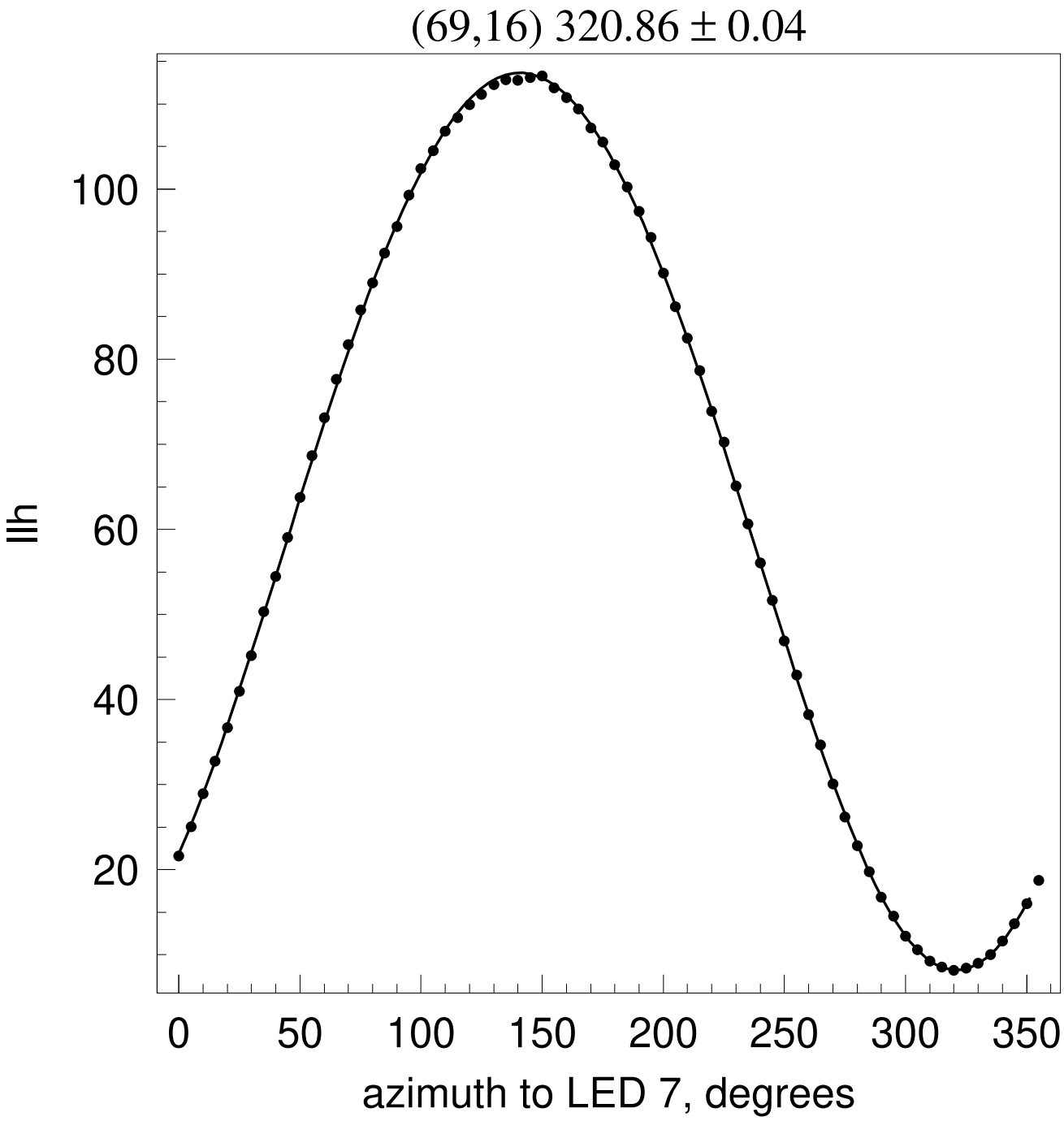

(69,11) 93.37 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

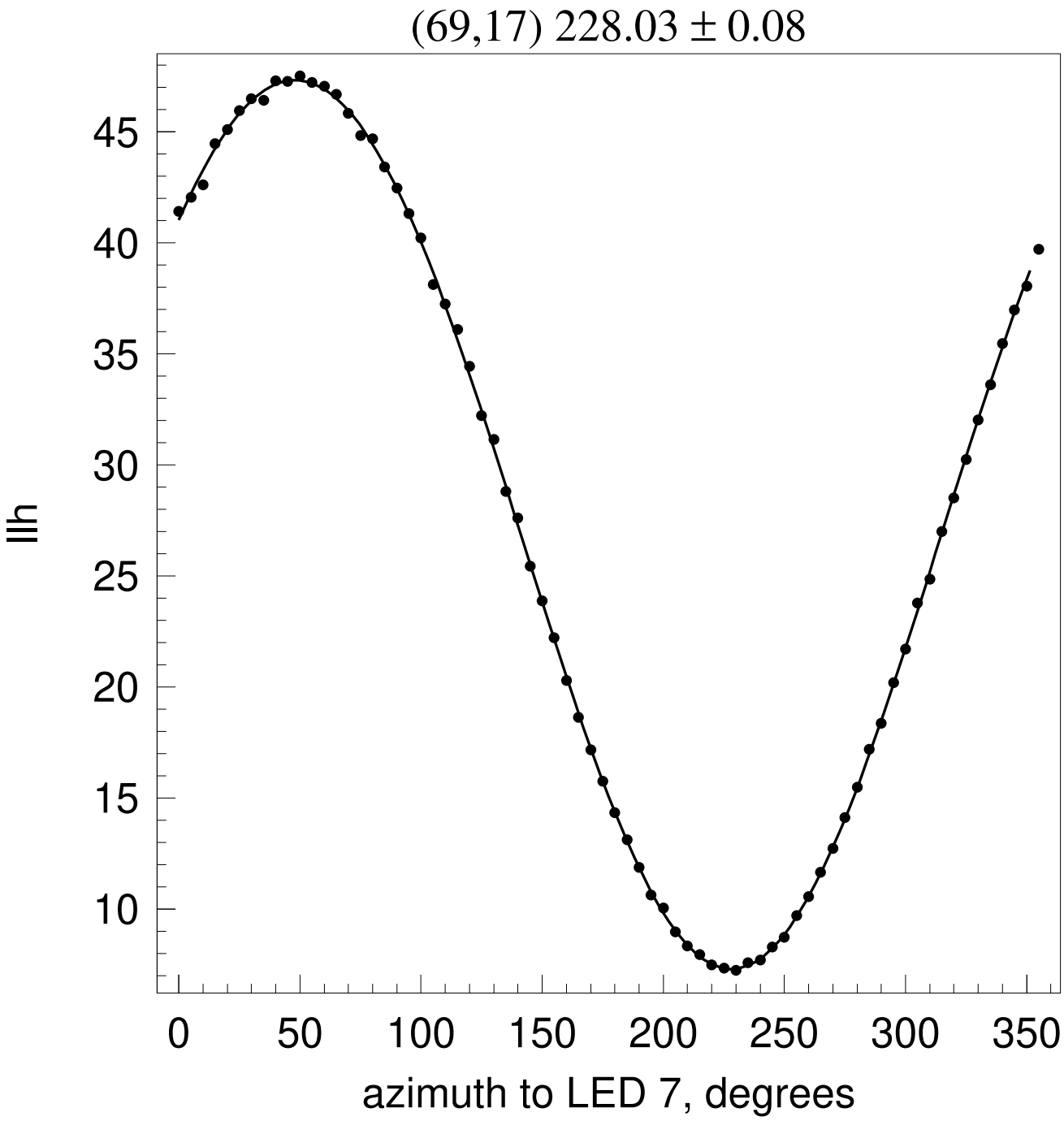

(69,12) 13.66 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

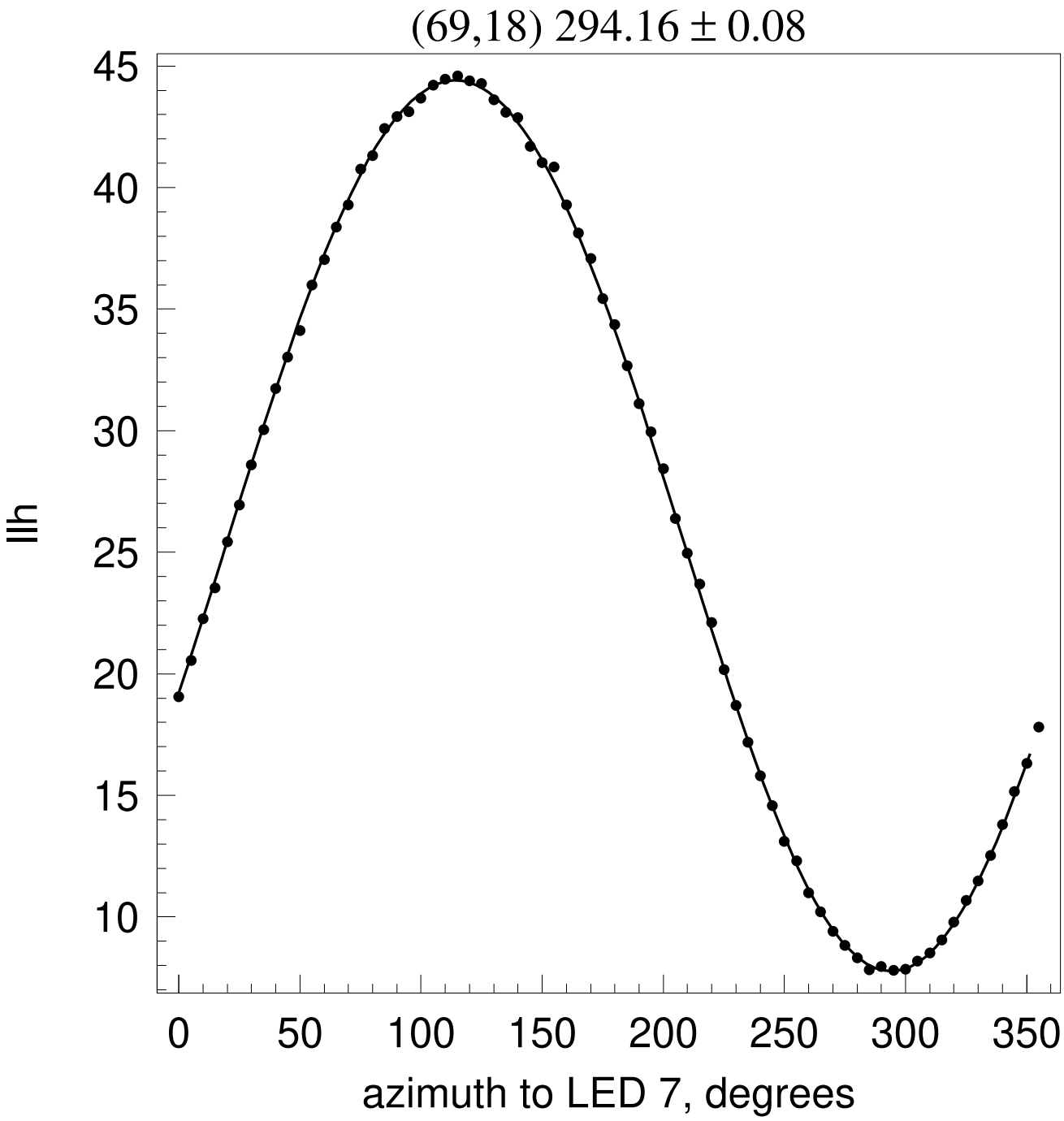

(69,13) 18.25 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

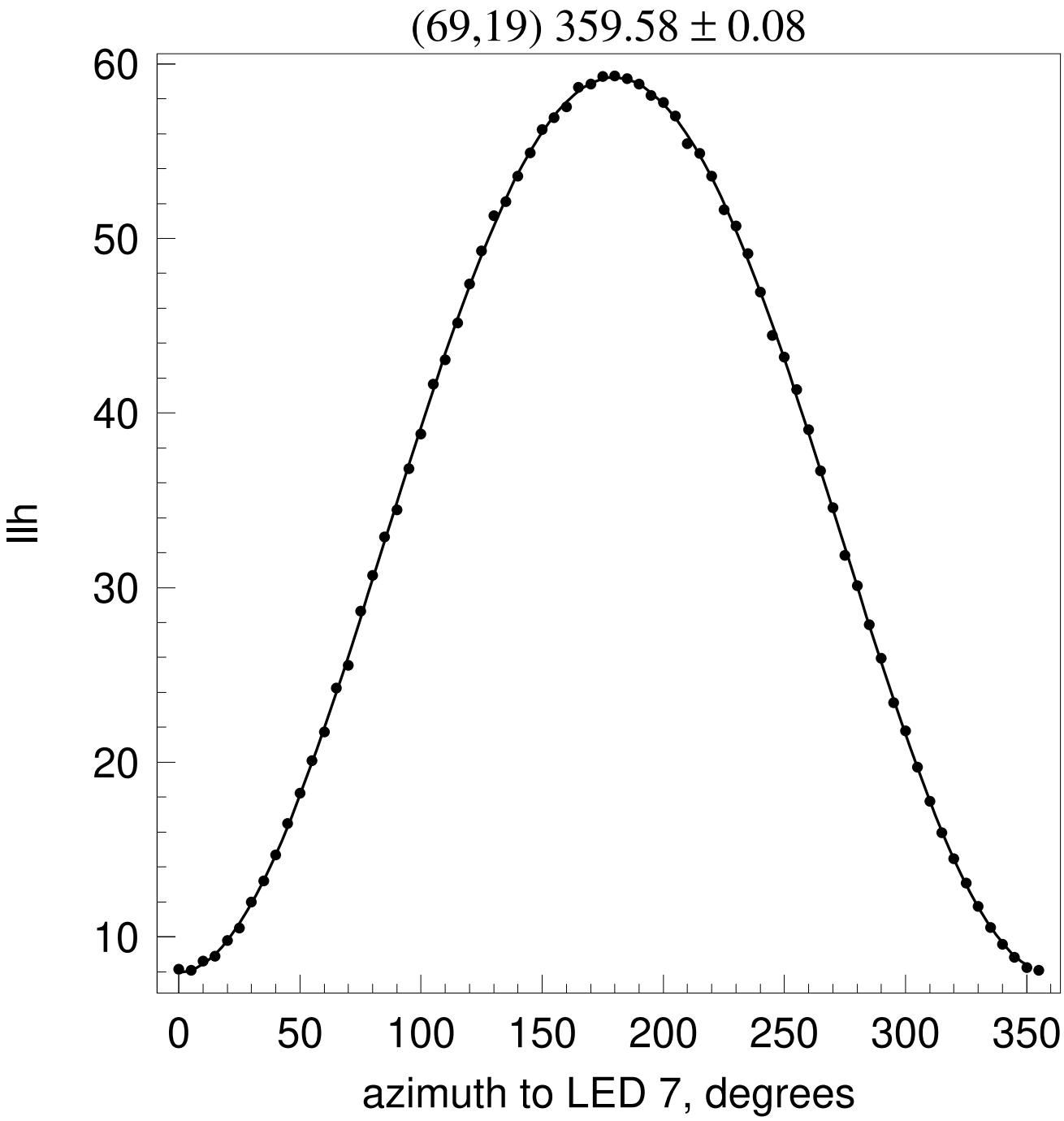

(69,14) 239.26 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

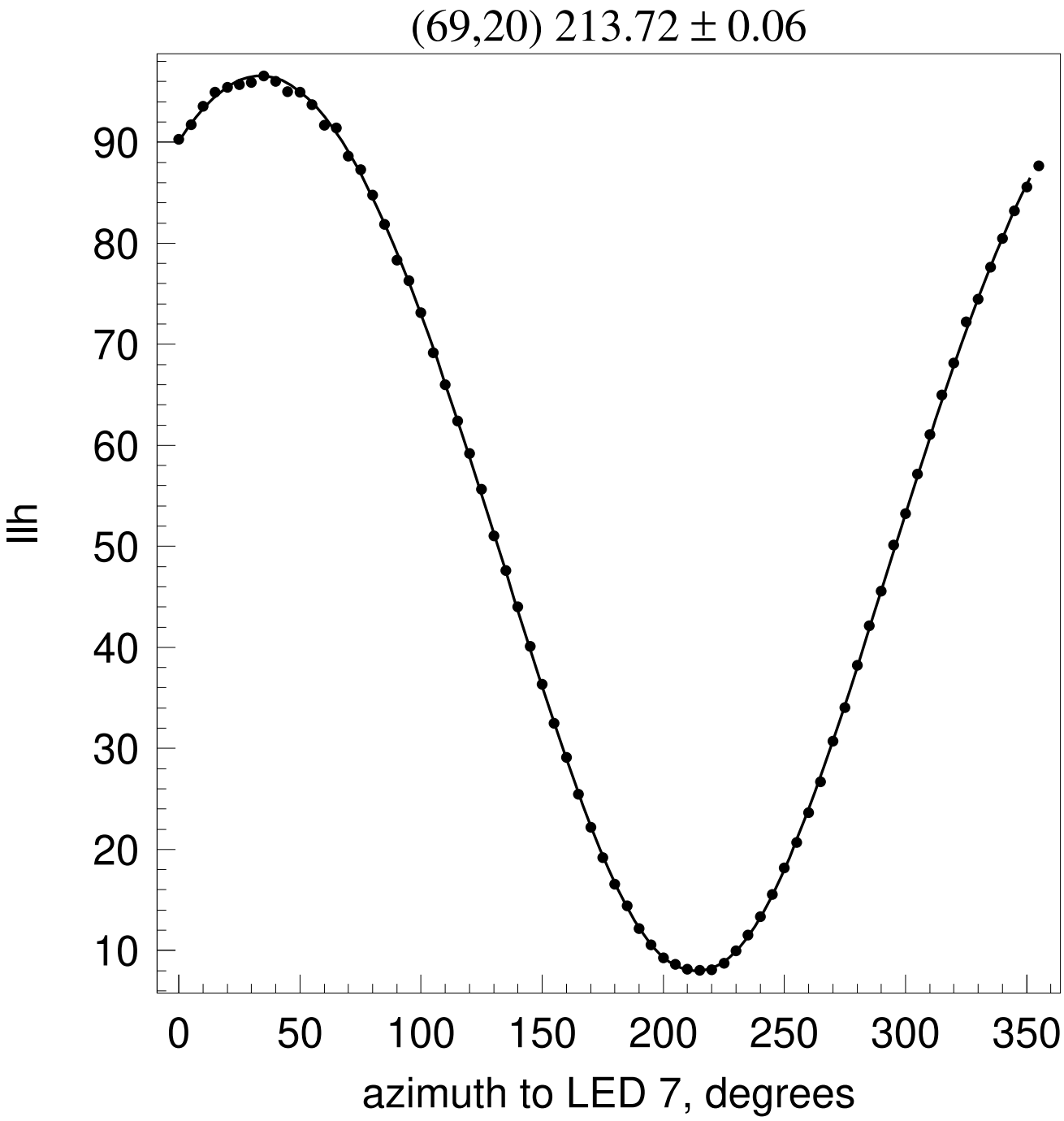

(69,15) 115.81 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

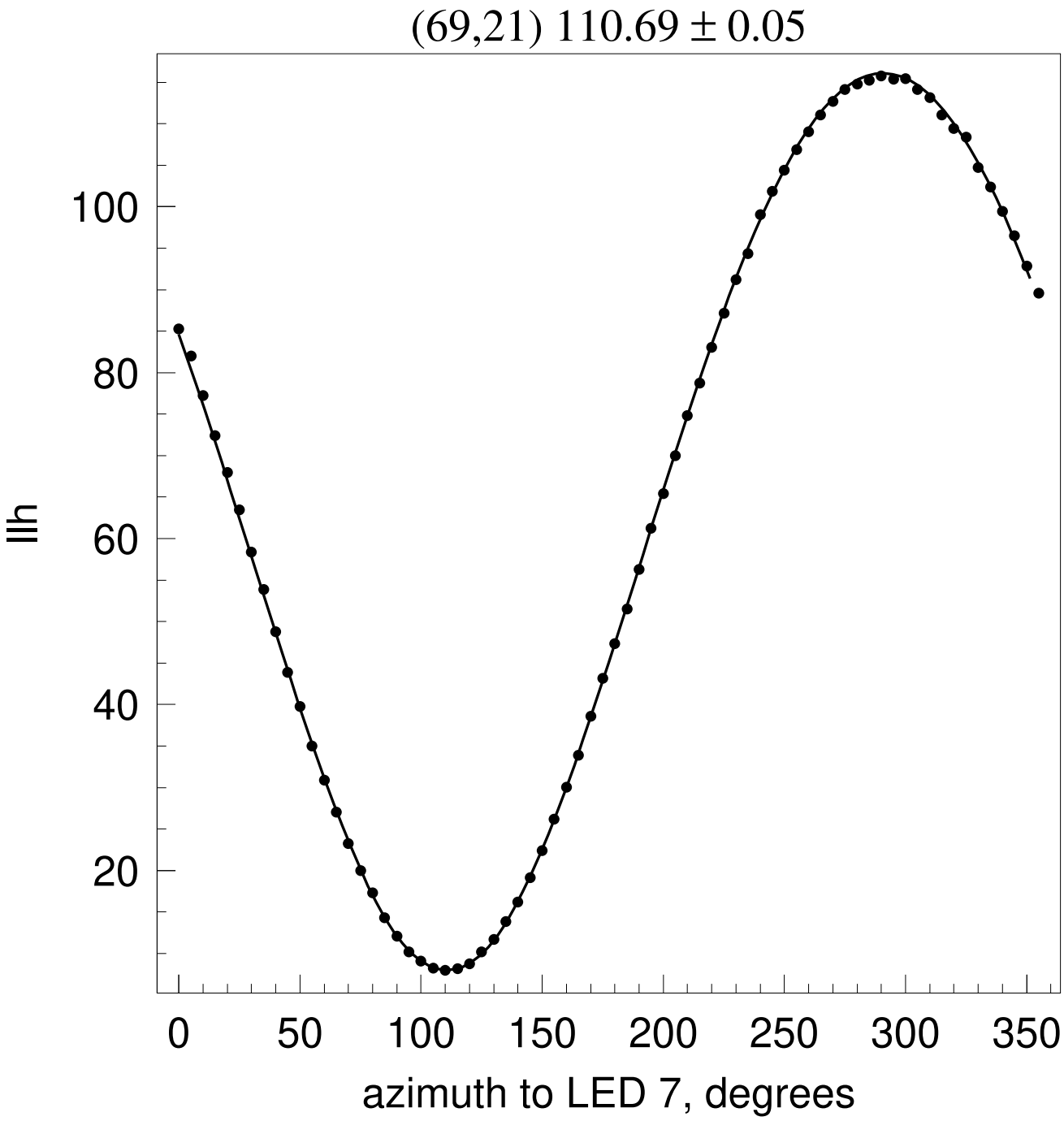

(69,16) 320.86 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

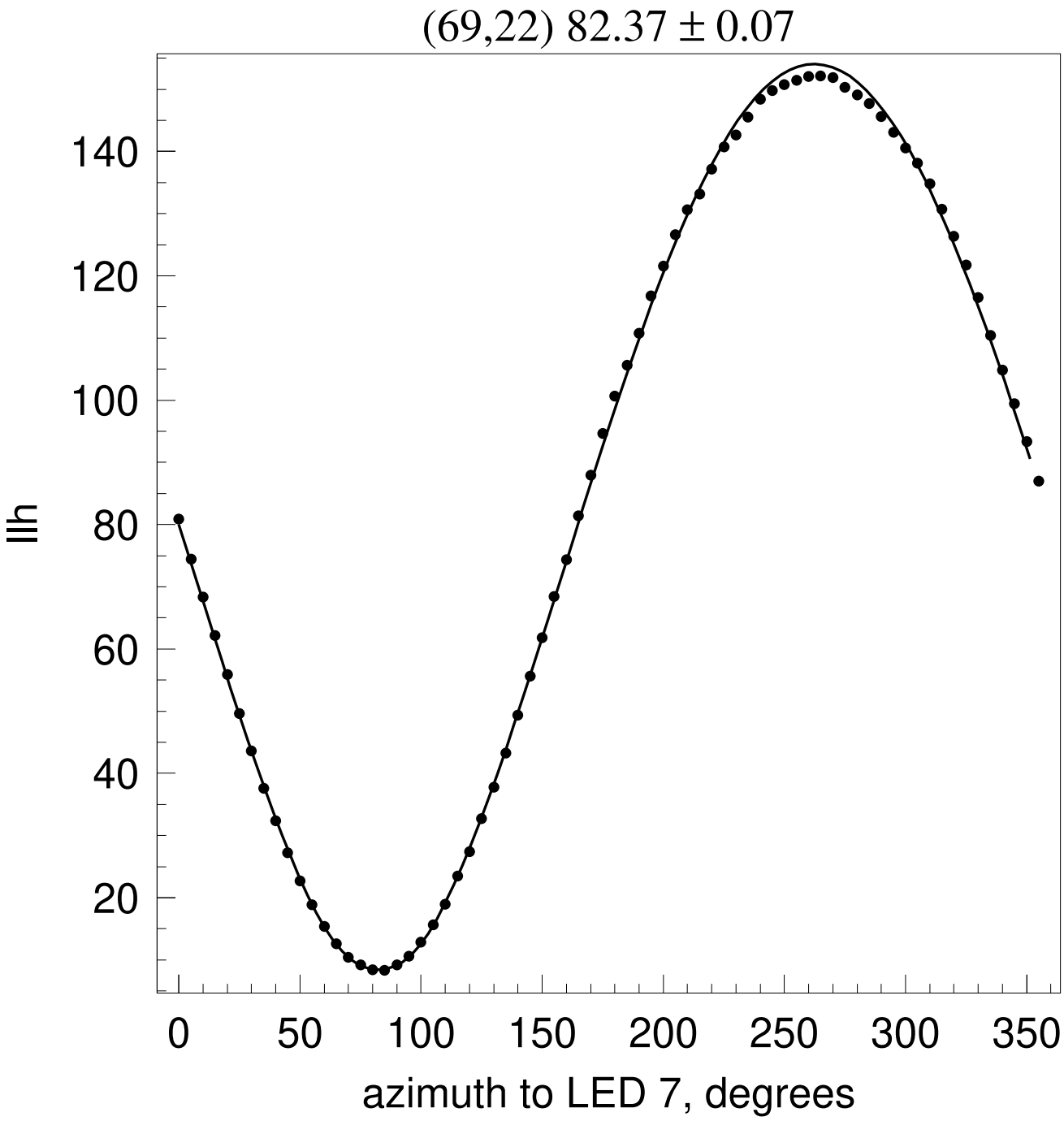

(69,17) 228.03 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

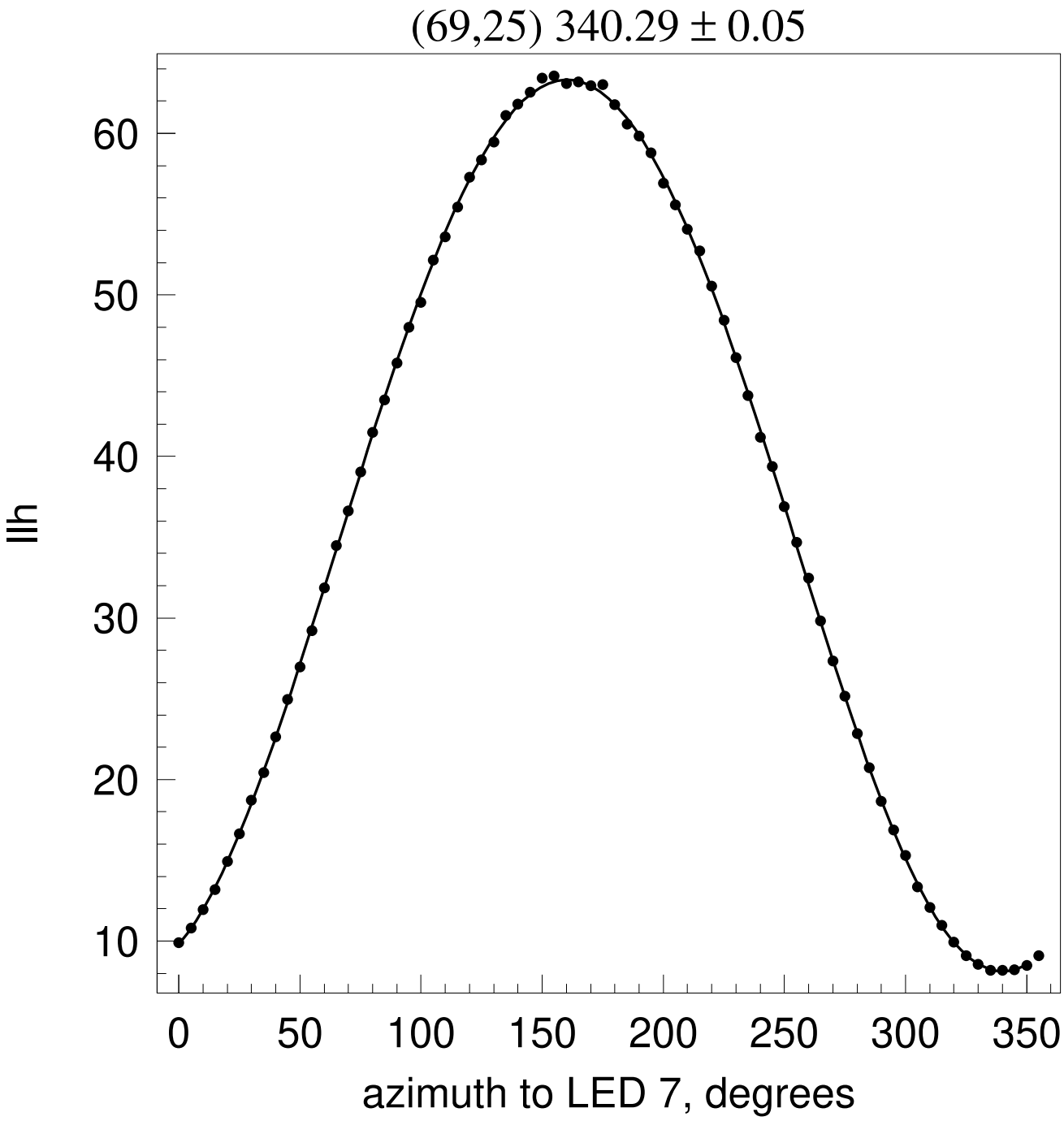

(69,18) 294.16 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

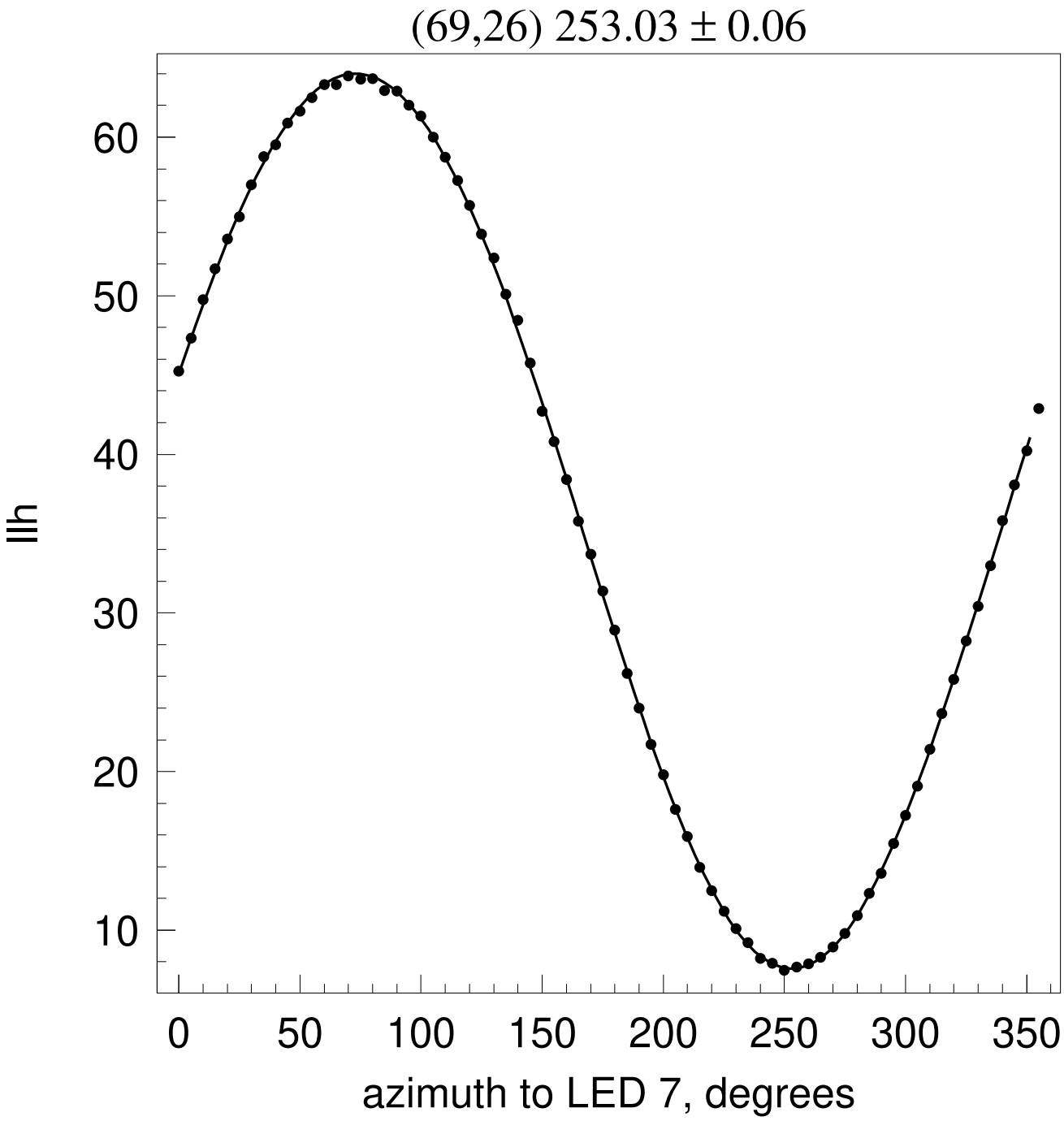

(69,19) 359.58 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

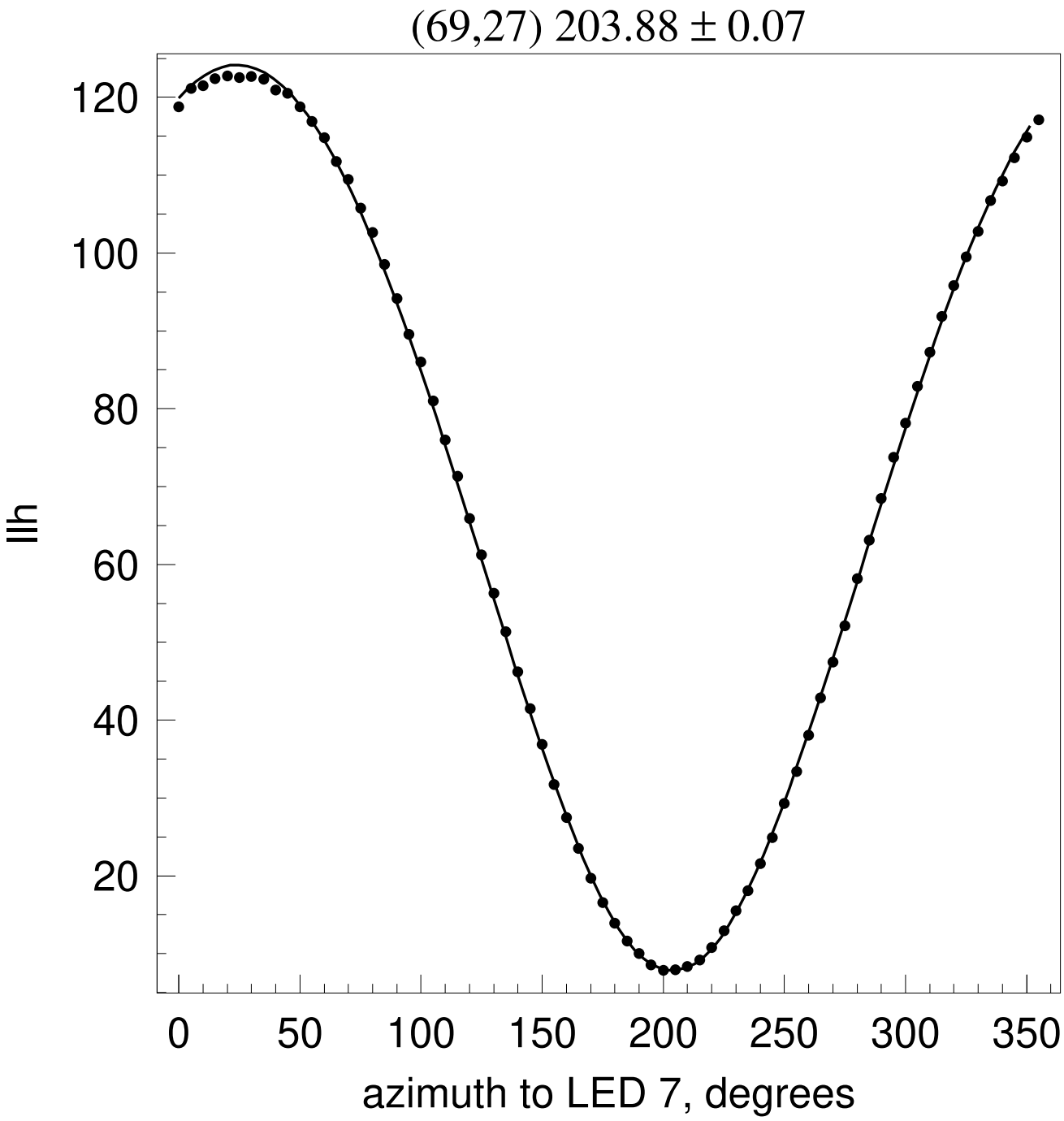

(69,20) 213.72 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

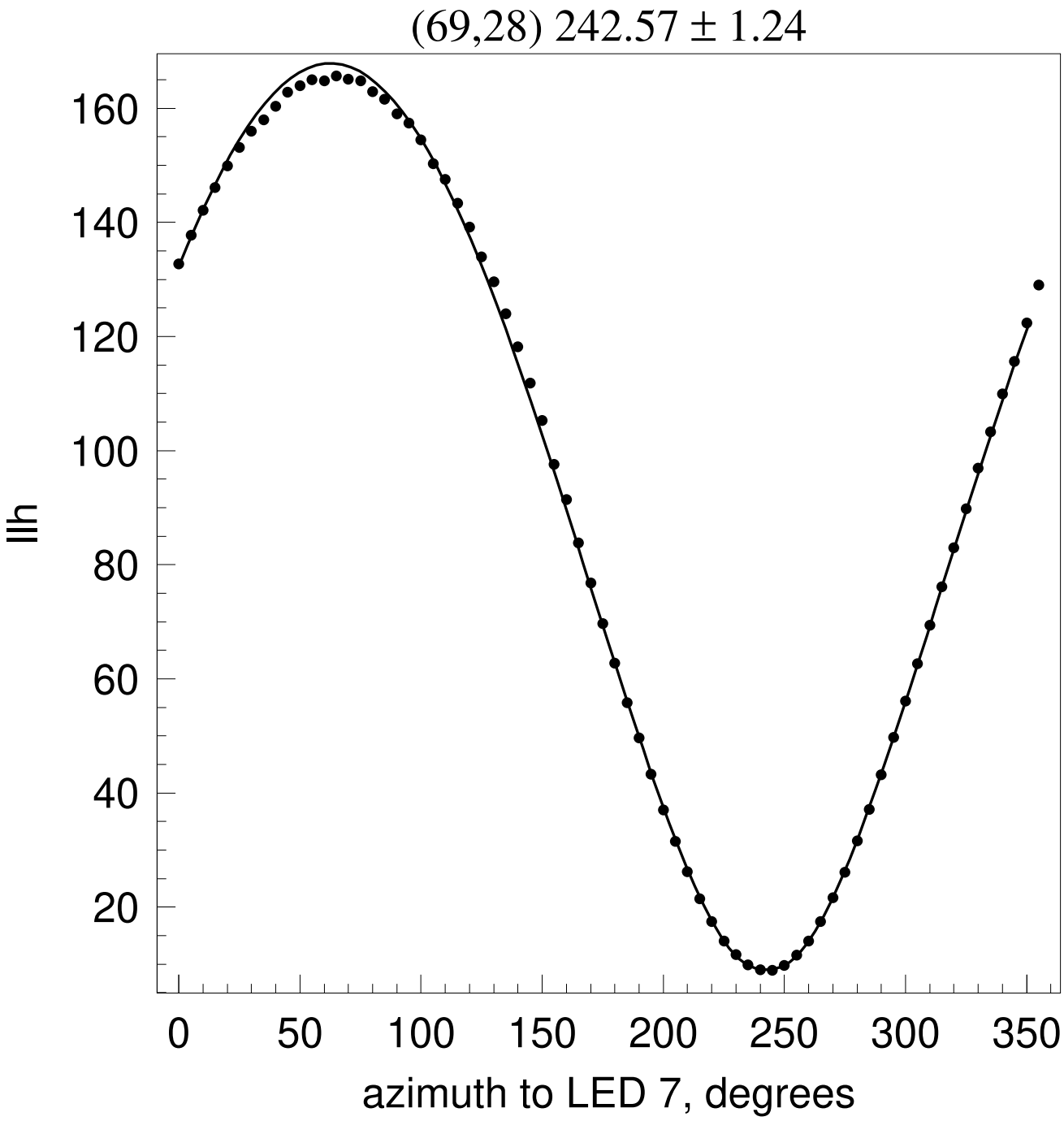

(69,21) 110.69 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

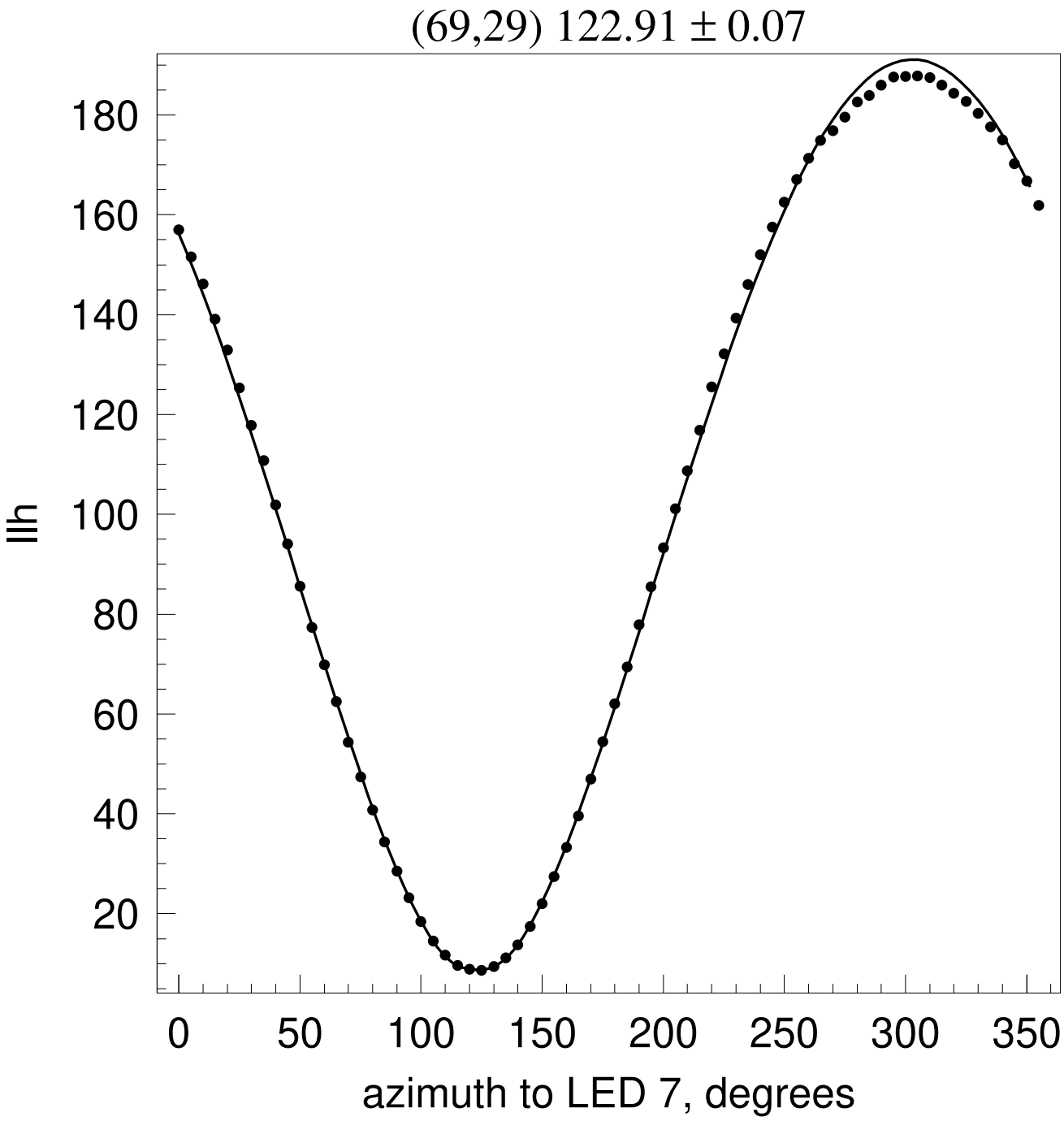

(69,22) 82.37 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

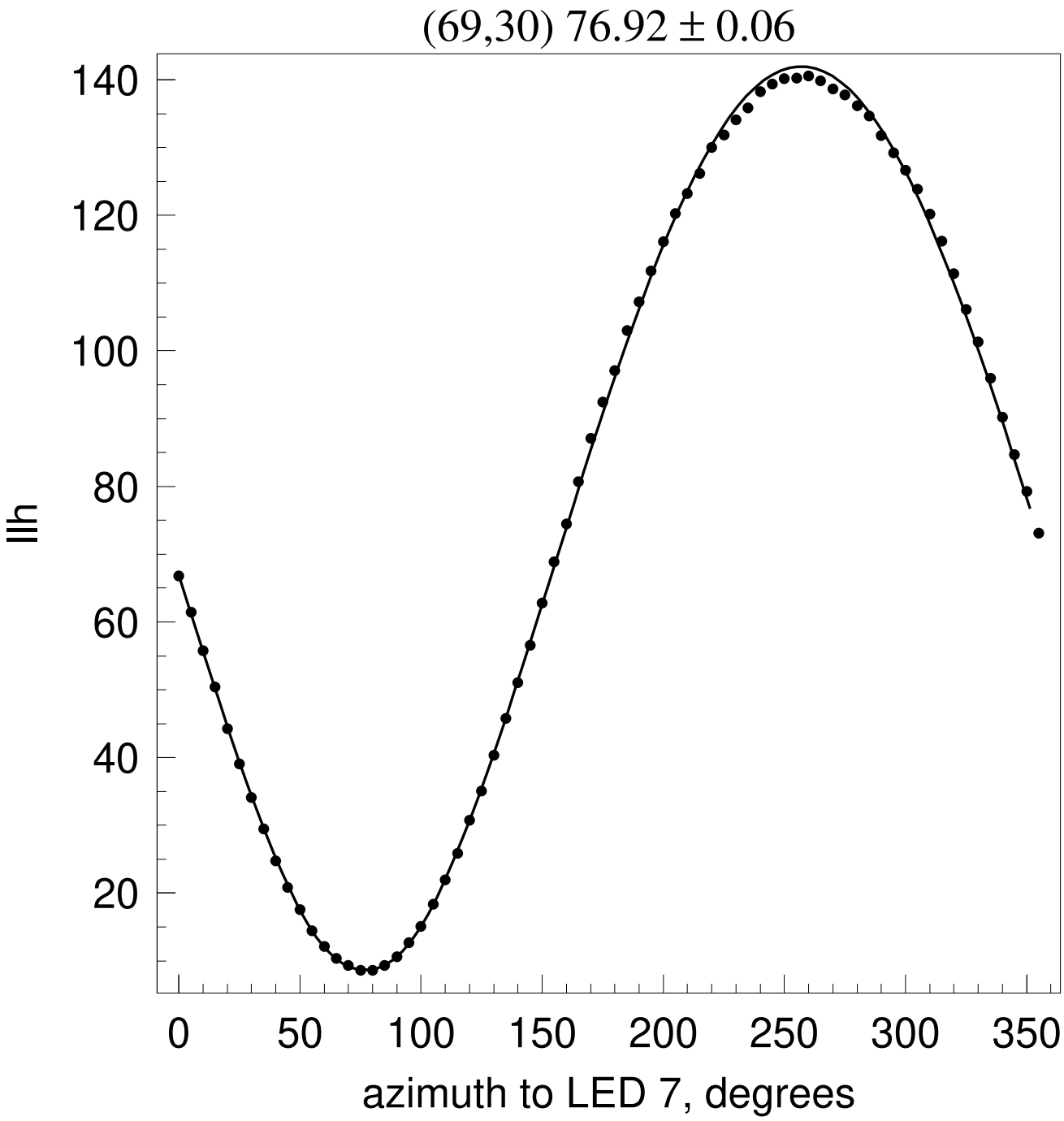

(69,25) 340.29 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

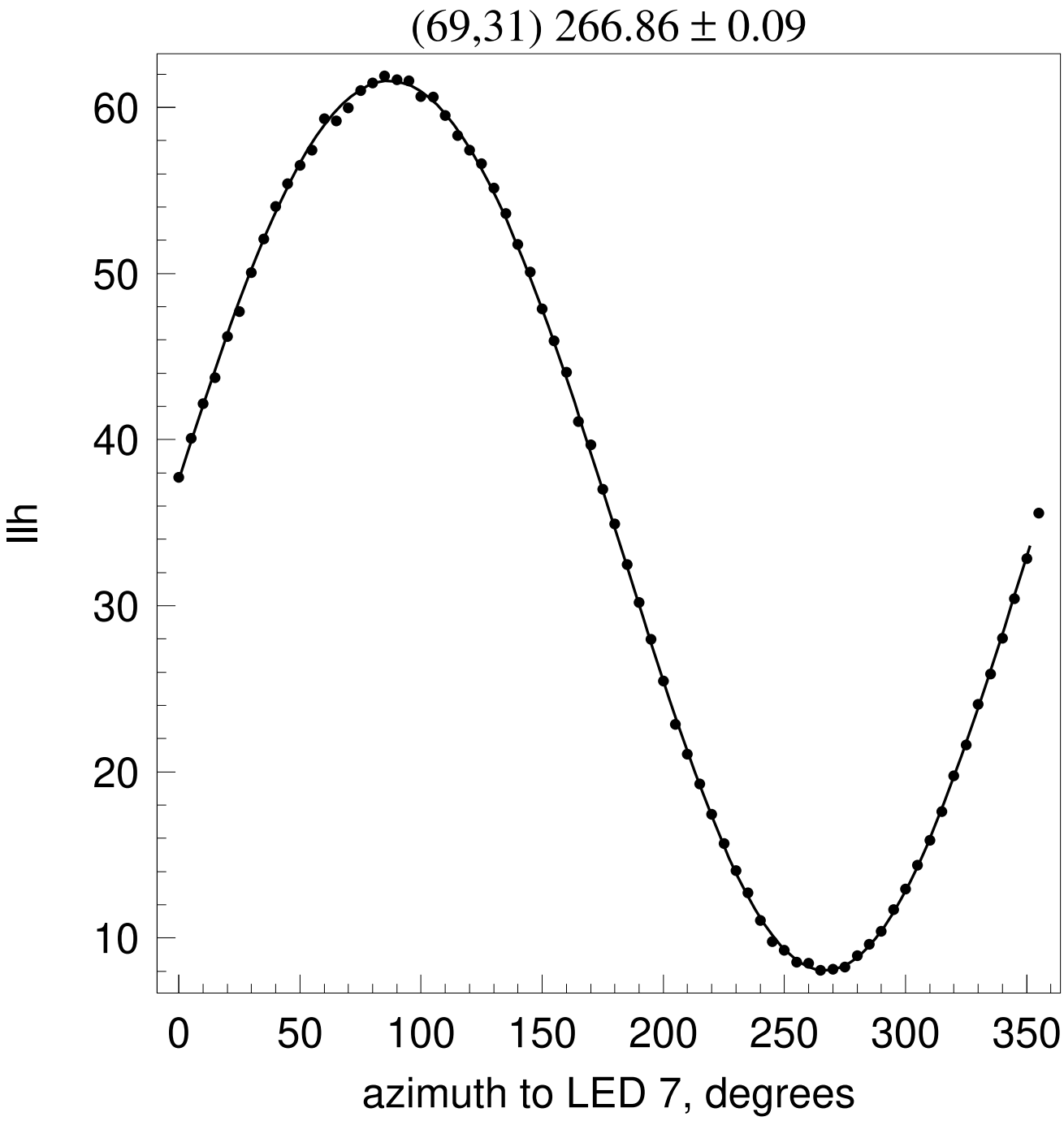

(69,26) 253.03 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

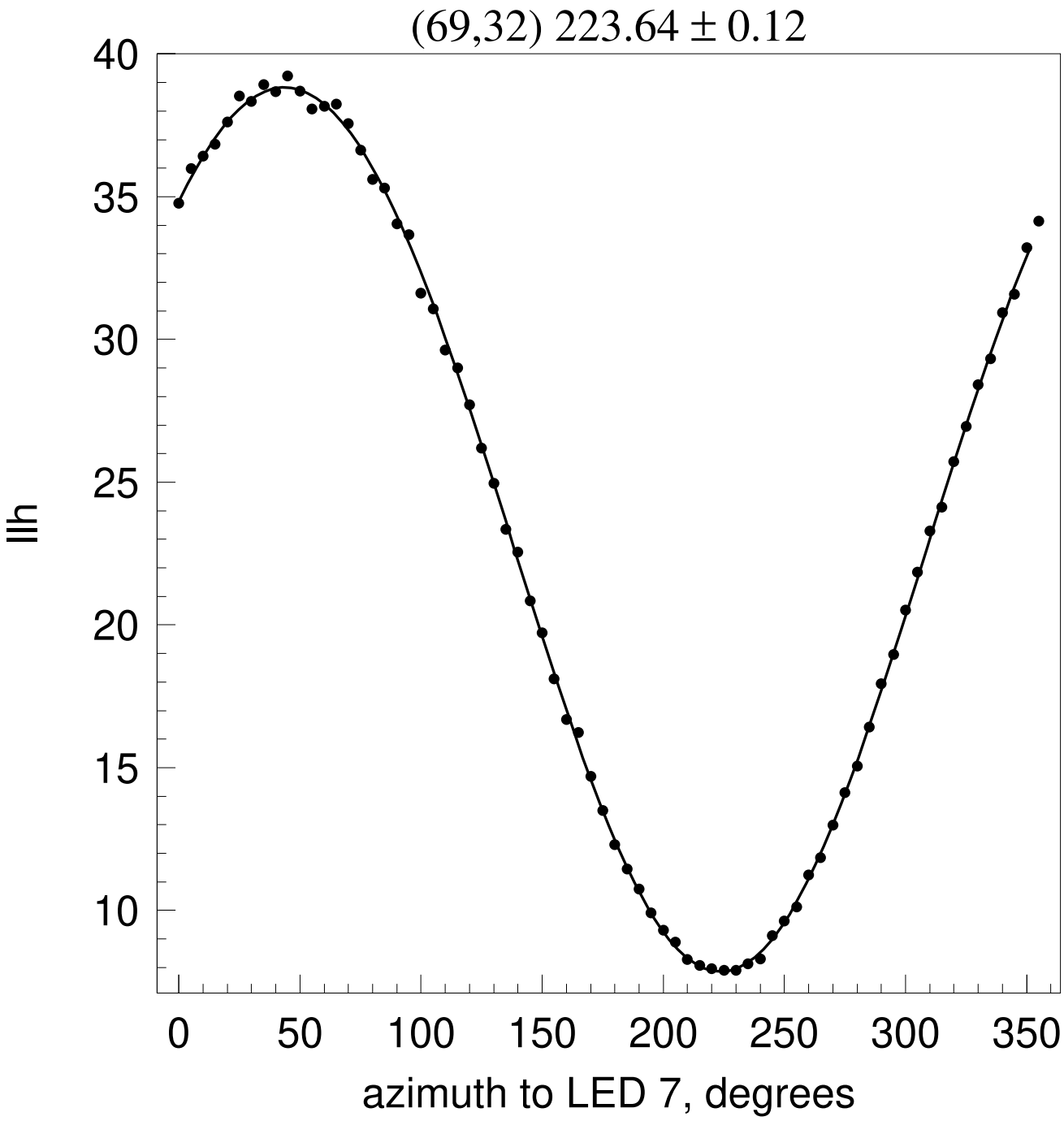

(69,27) 203.88 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

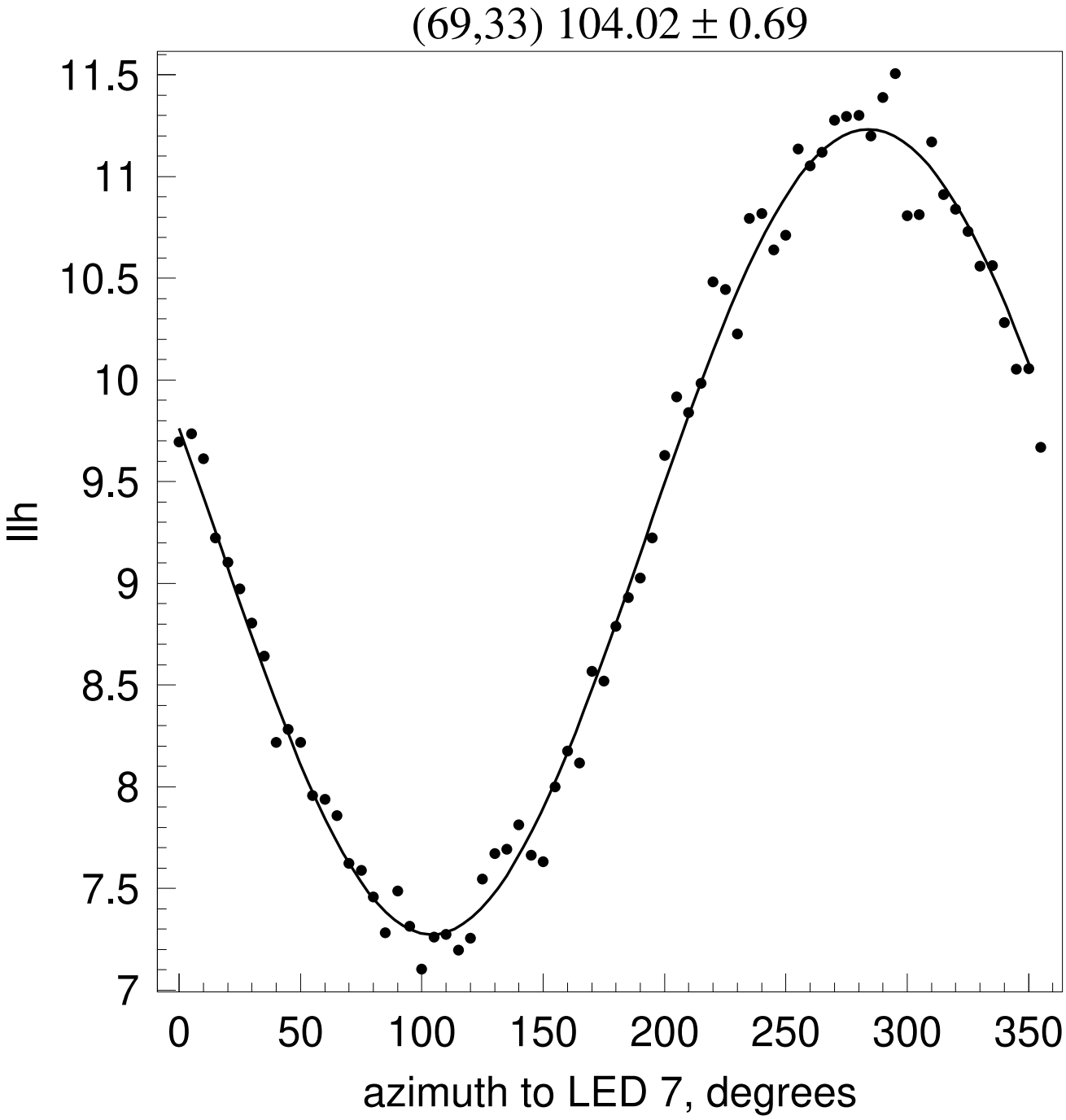

(69,28) 242.57 ± 1.24
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

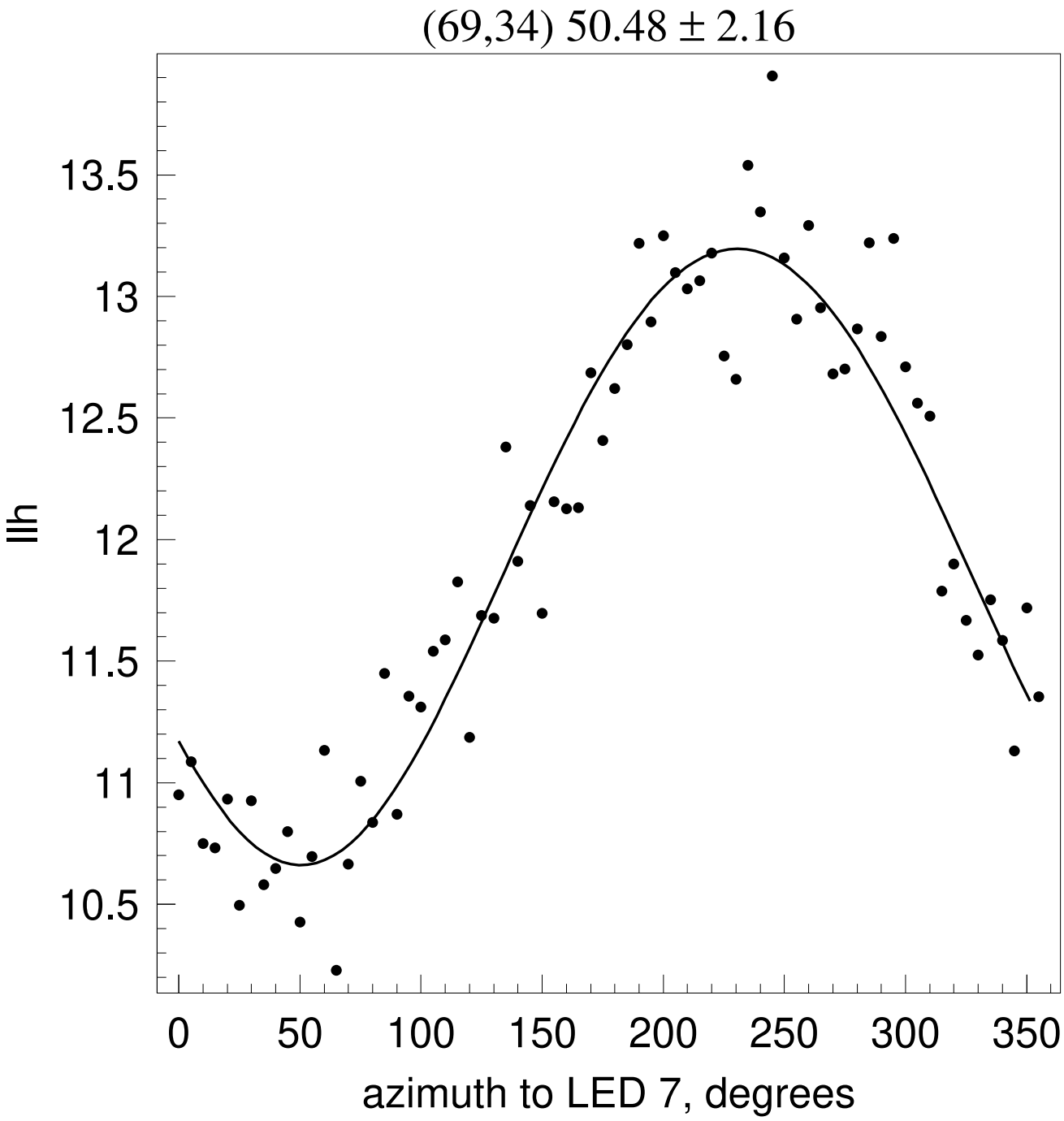

(69,29) 122.91 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

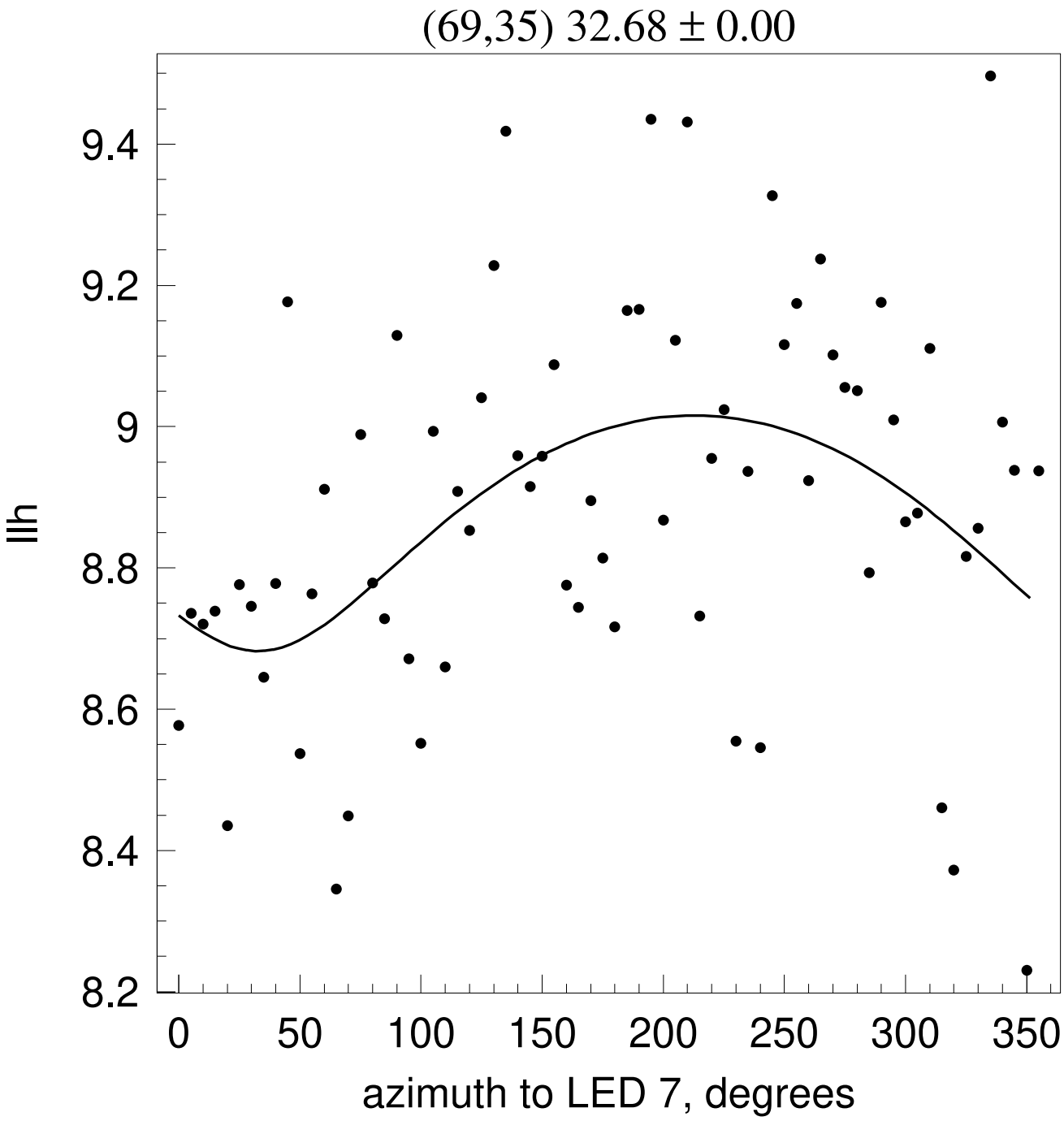

(69,30) 76.92 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

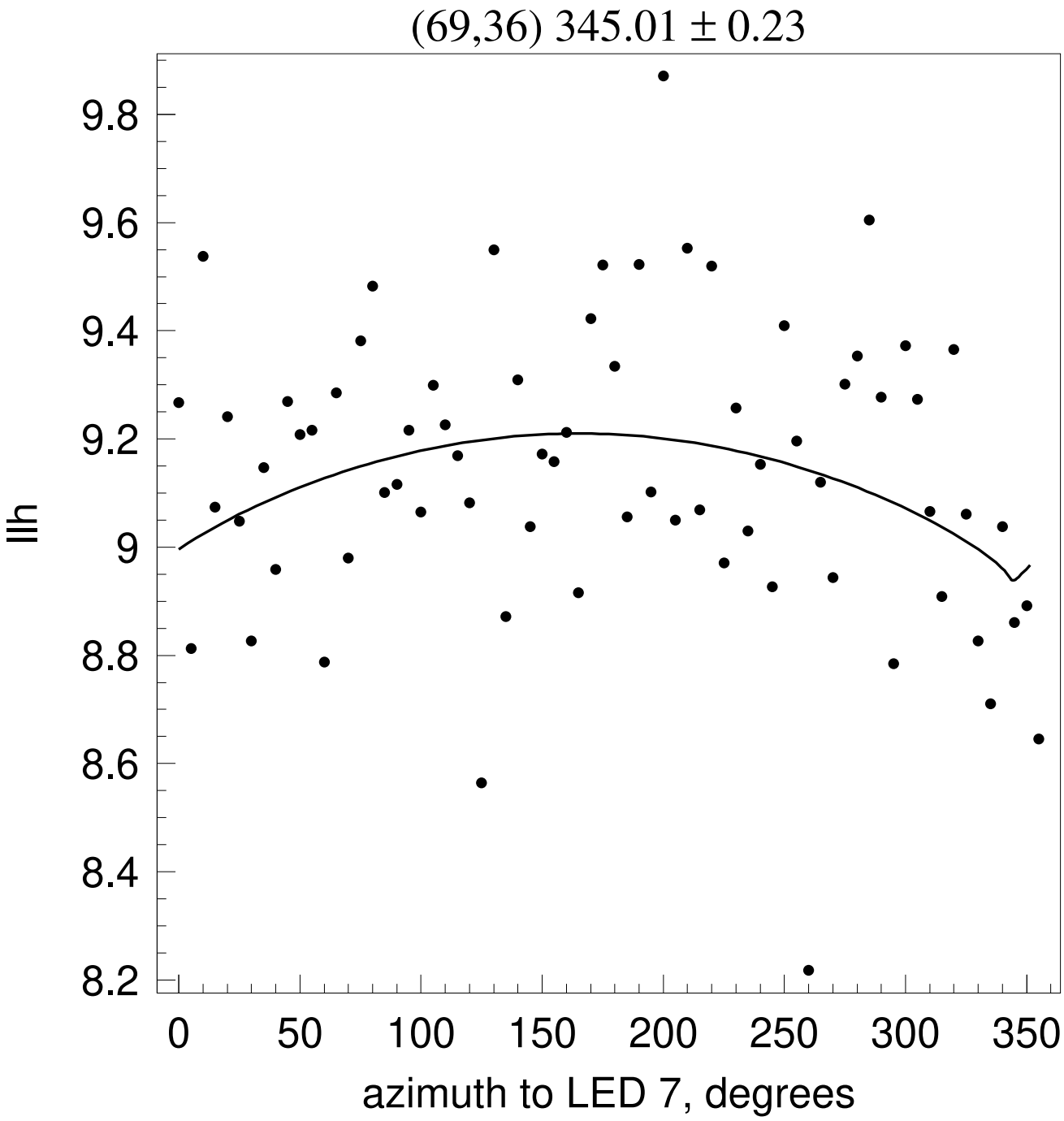

(69,31) 266.86 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

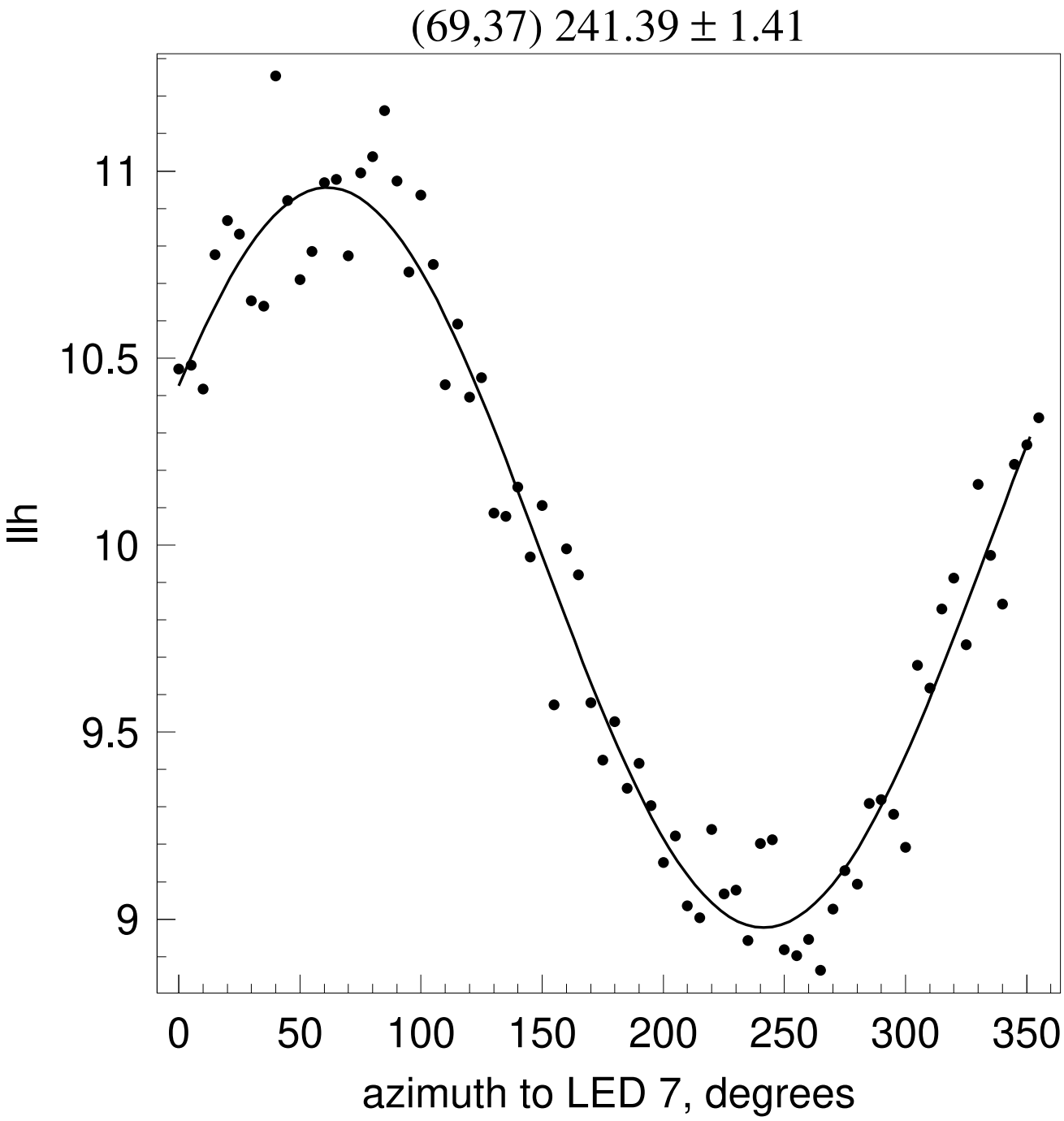

(69,32) 223.64 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

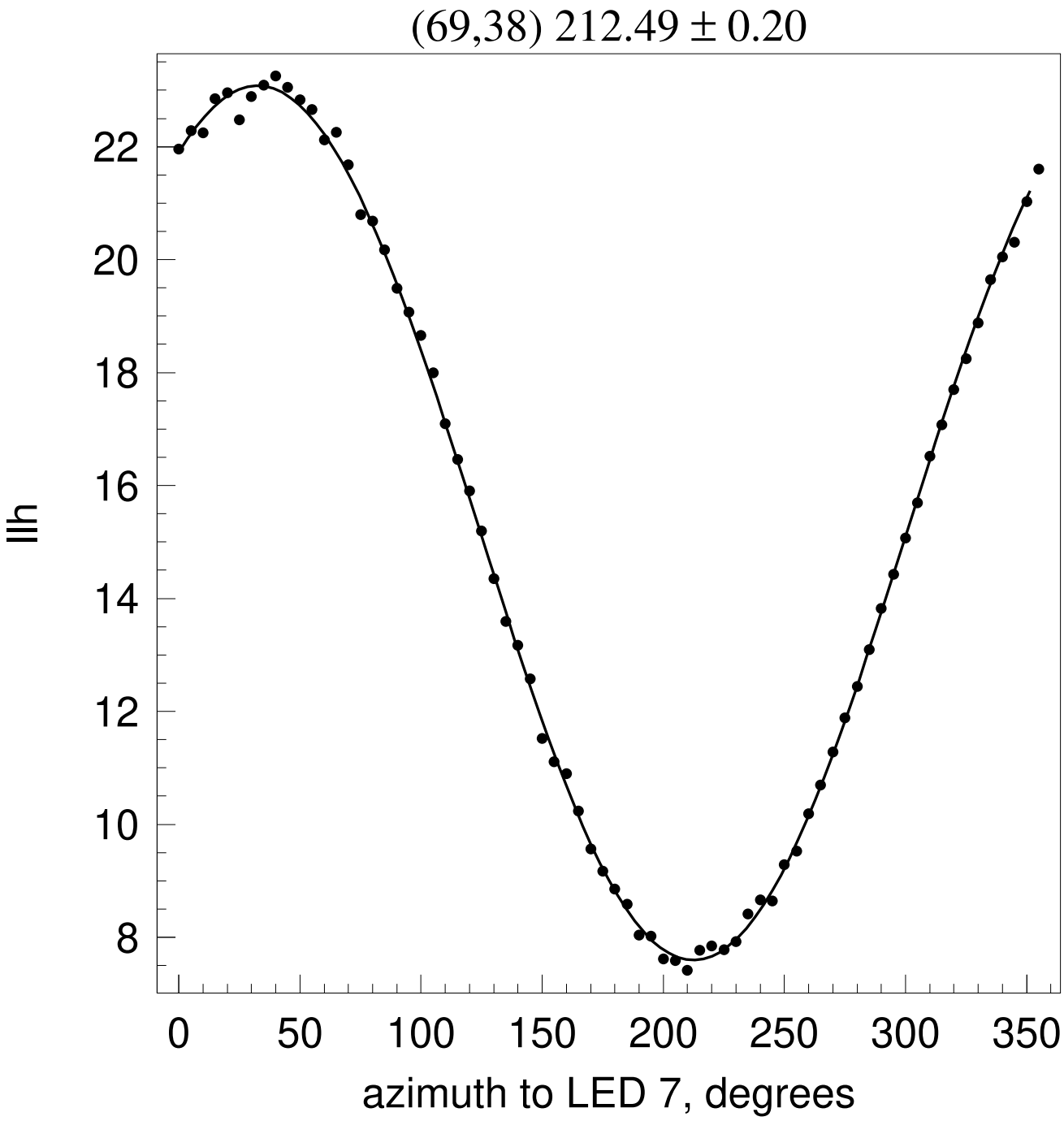

(69,33) 104.02 ± 0.69
11.5
11
10.5
10
9.5
9
8.5
8
7.5
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

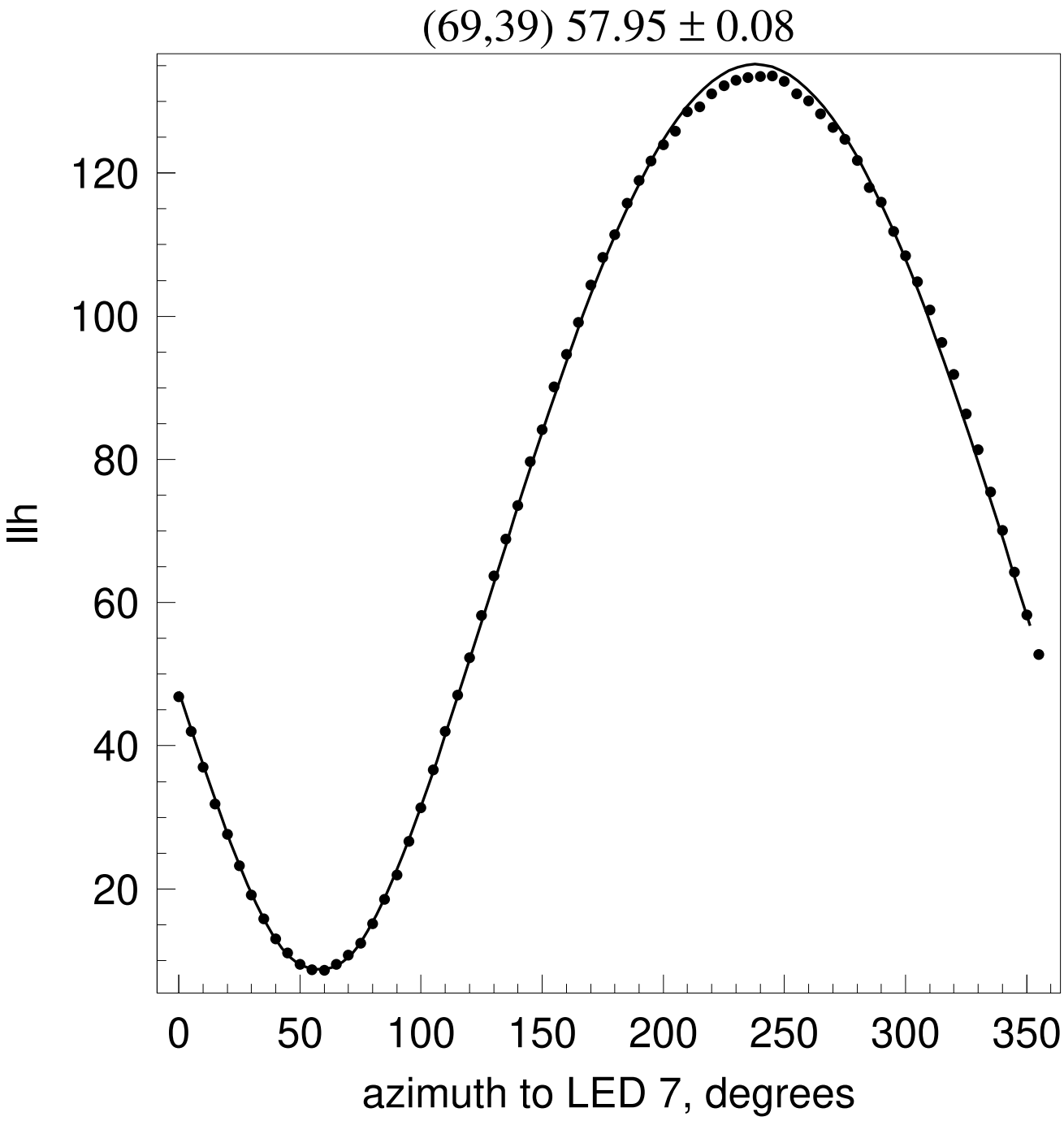

(69,34) 50.48 ± 2.16
13.5
13
12.5
12
11.5
11
10.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

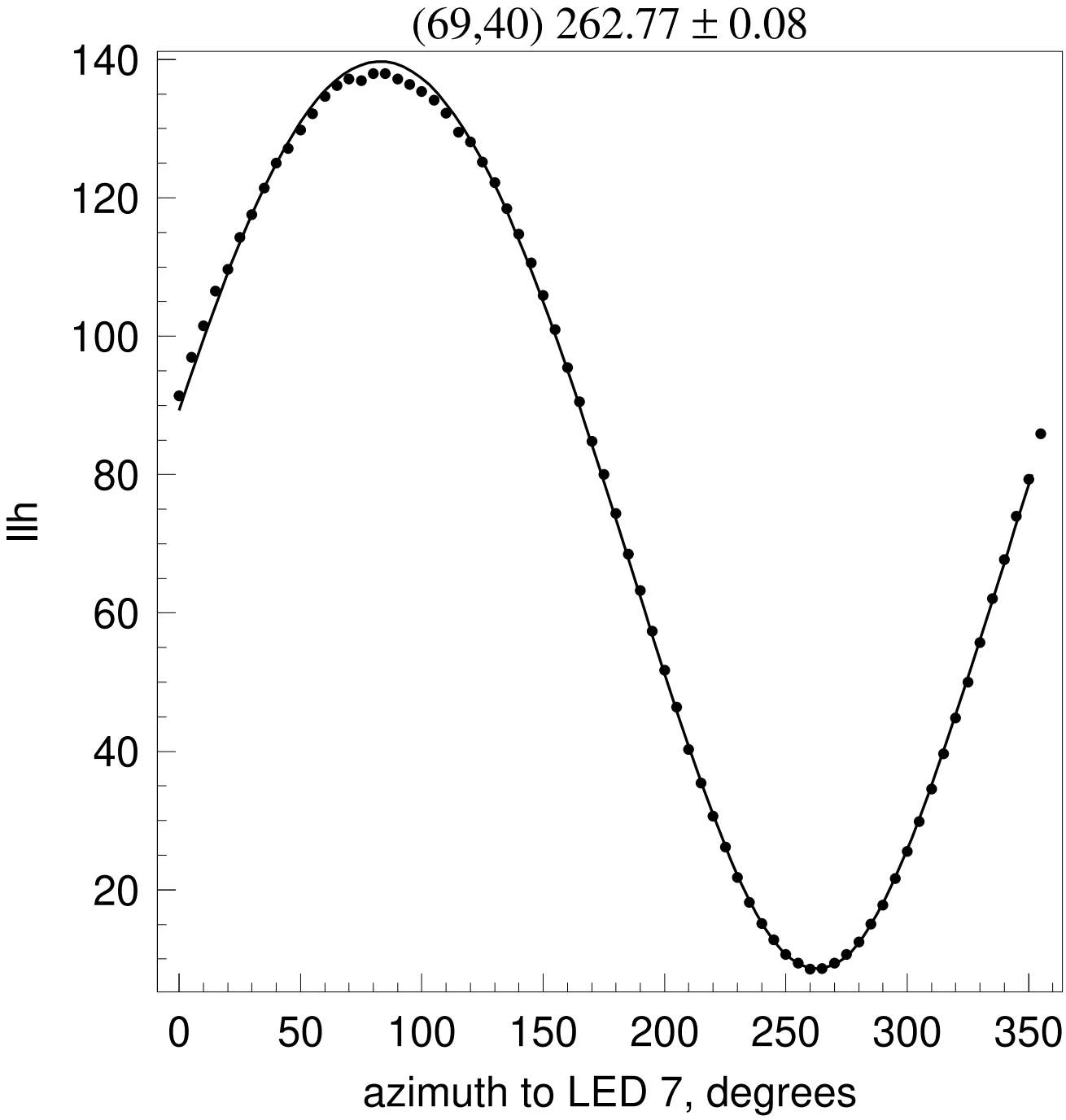

(69,35) 32.68 ± 0.00
9.4
9.2
9
8.8
8.6
8.4
8.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

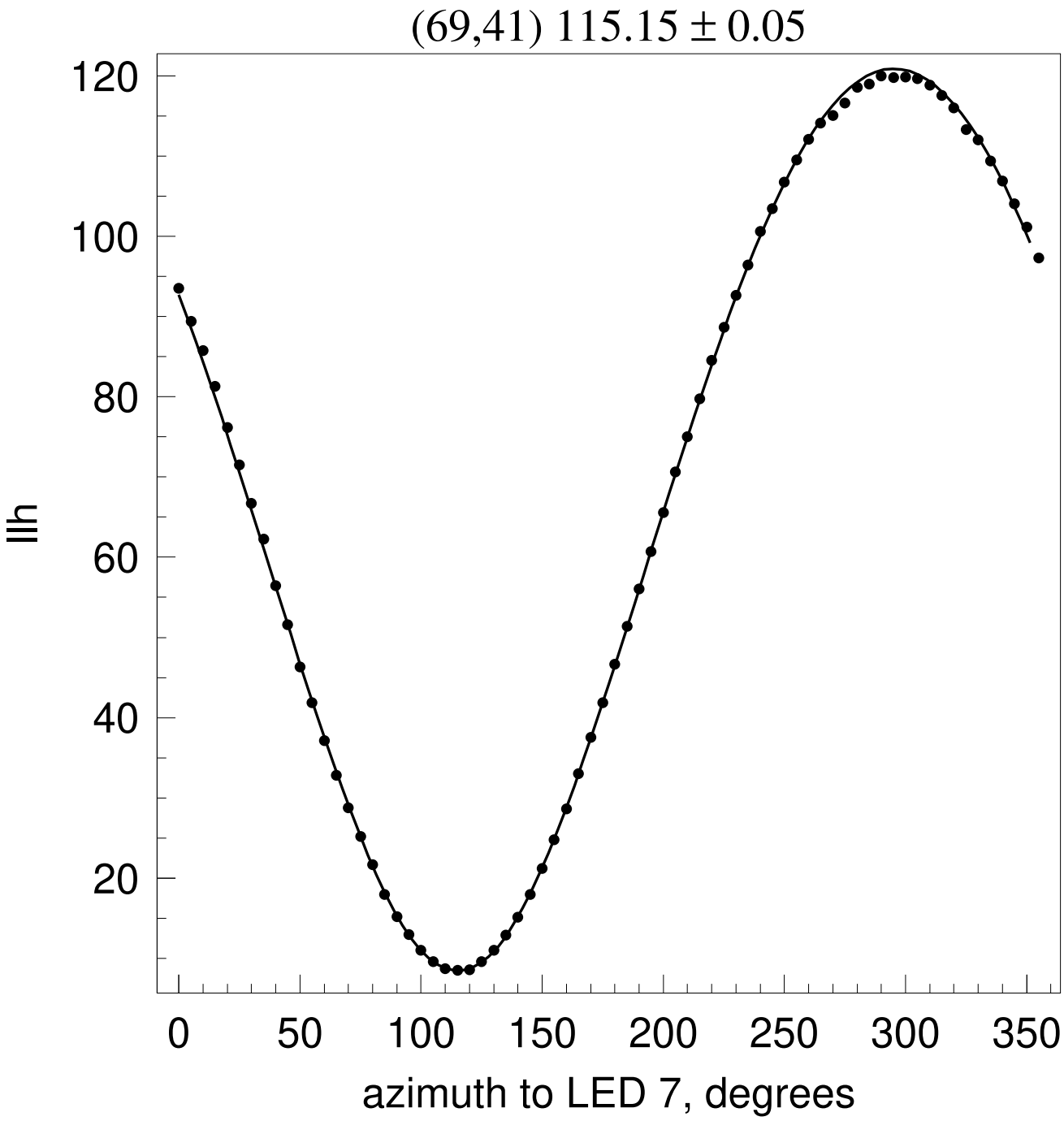

(69,36) 345.01 ± 0.23
llh
9.8
9.6
9.4
9.2
9
8.8
8.6
8.4
8.2
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

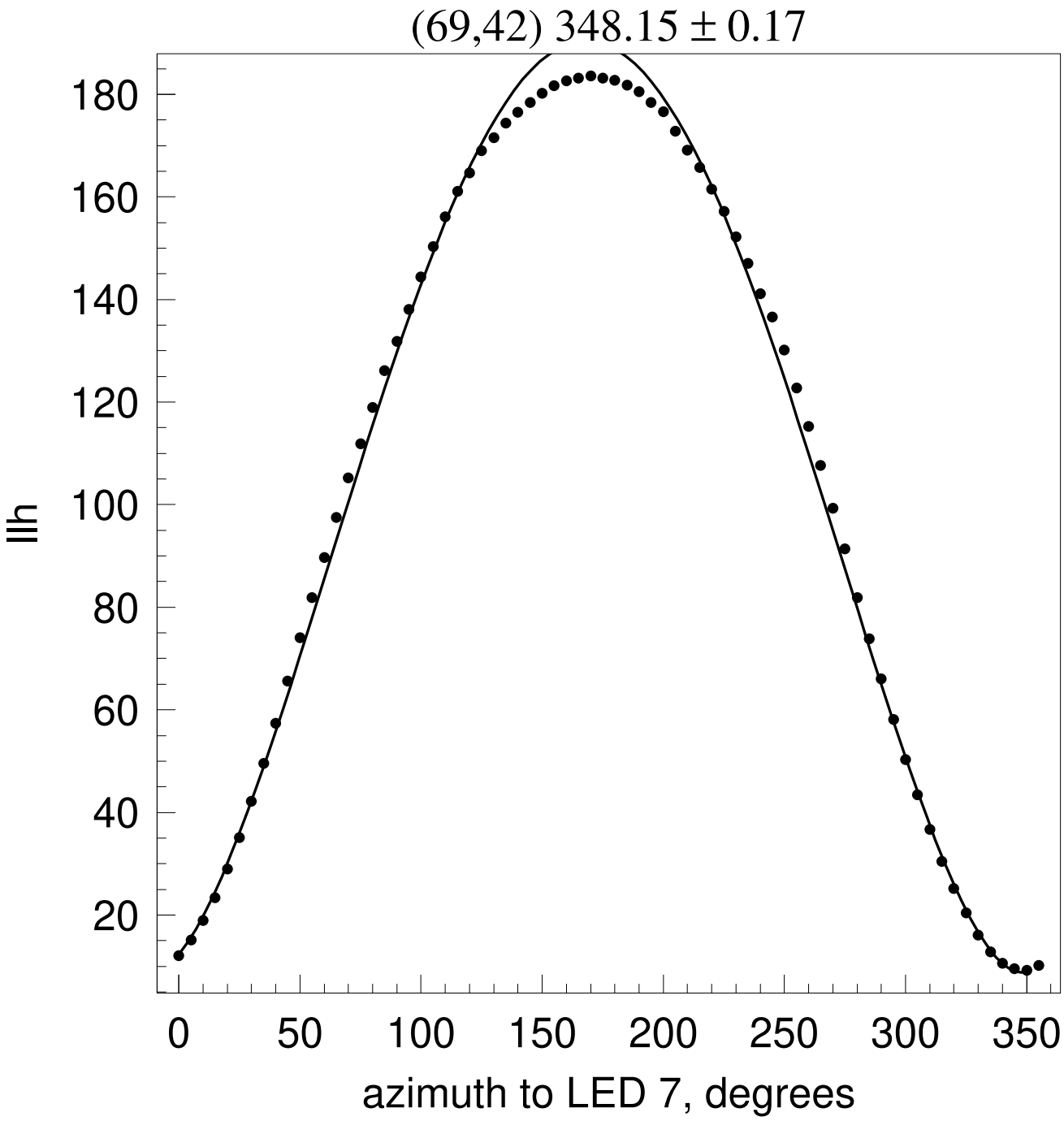

(69,37) 241.39 ± 1.41
11
10.5
10
9.5
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

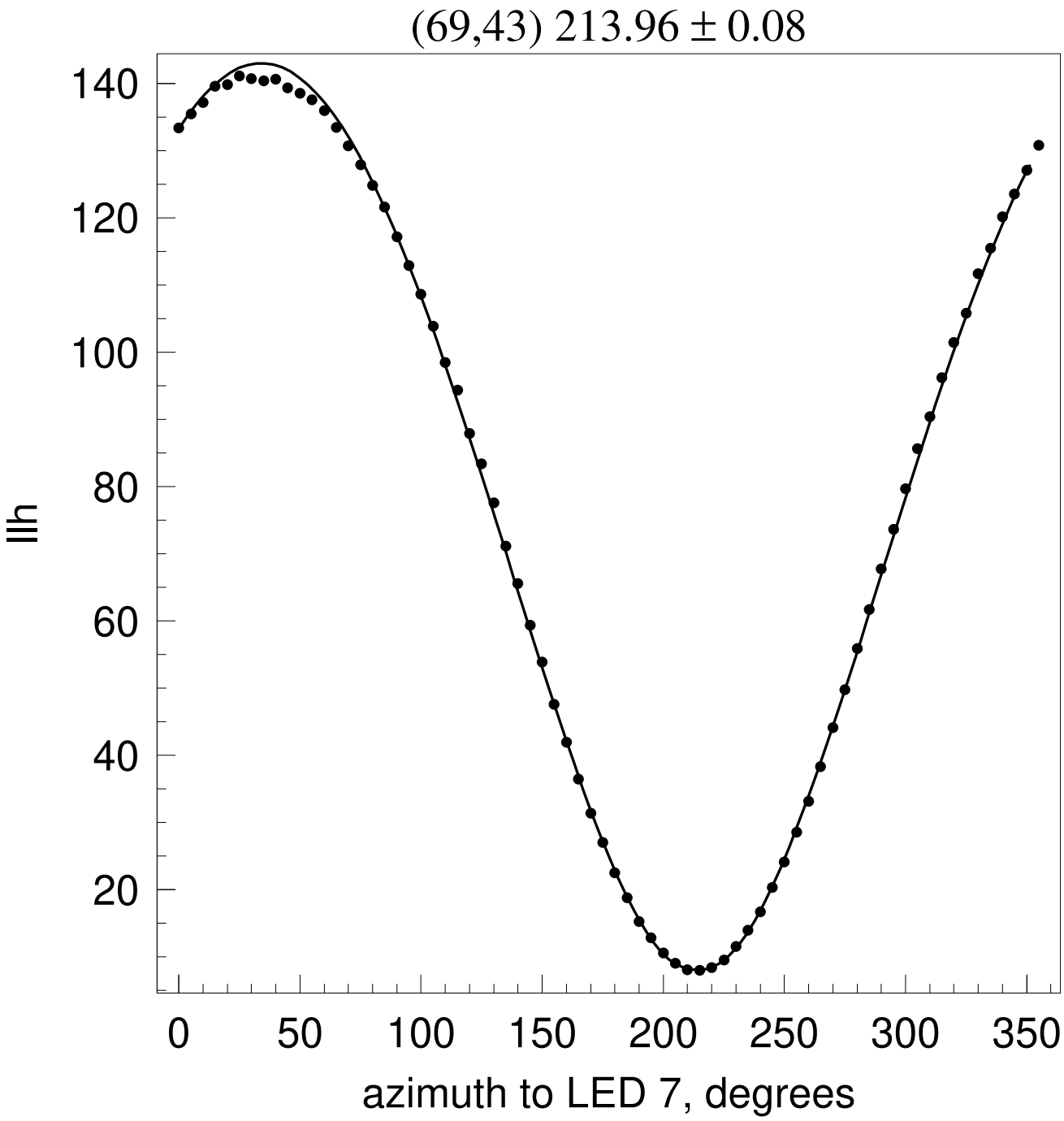

(69,38) 212.49 ± 0.20
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

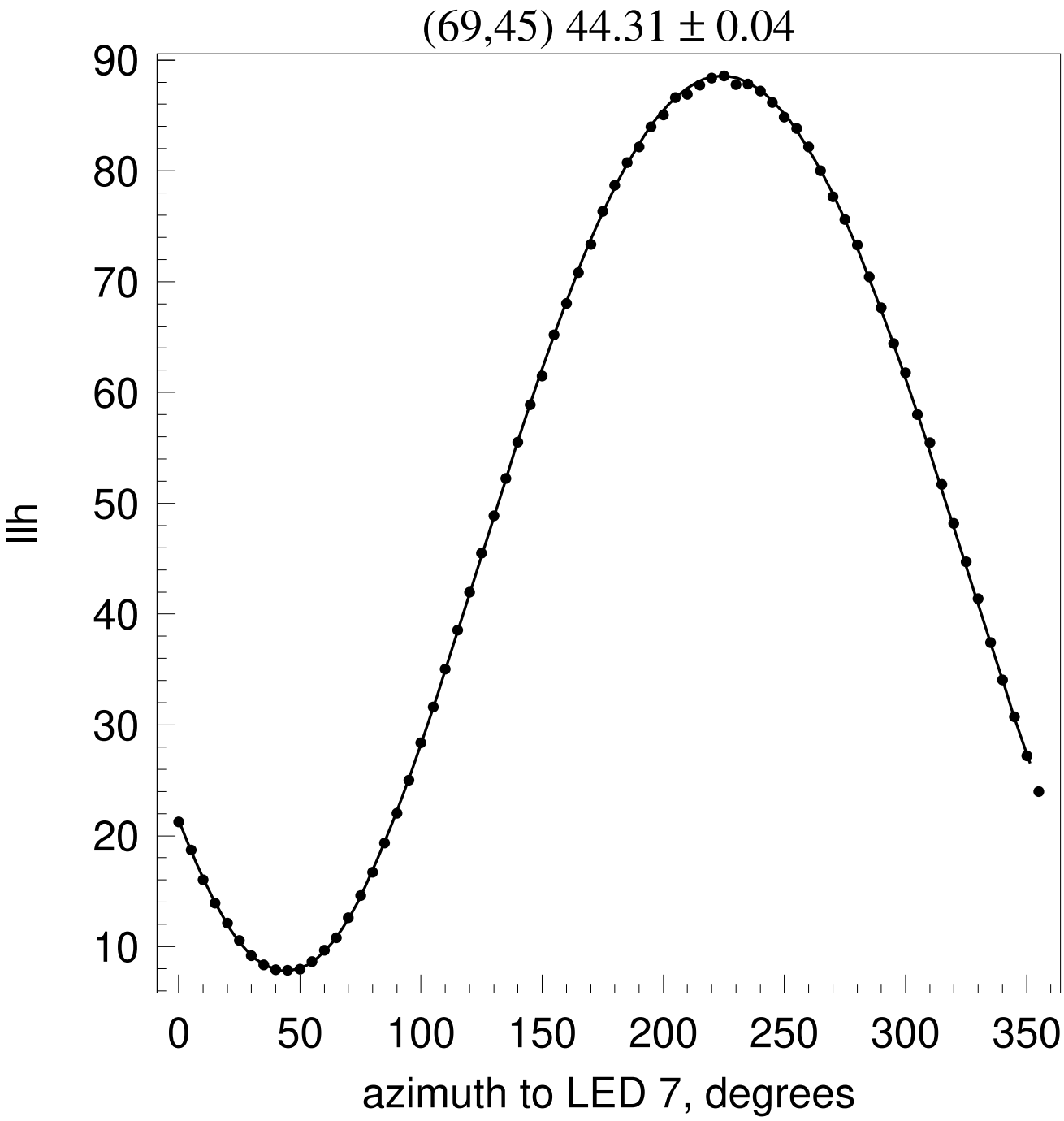

(69,39) 57.95 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

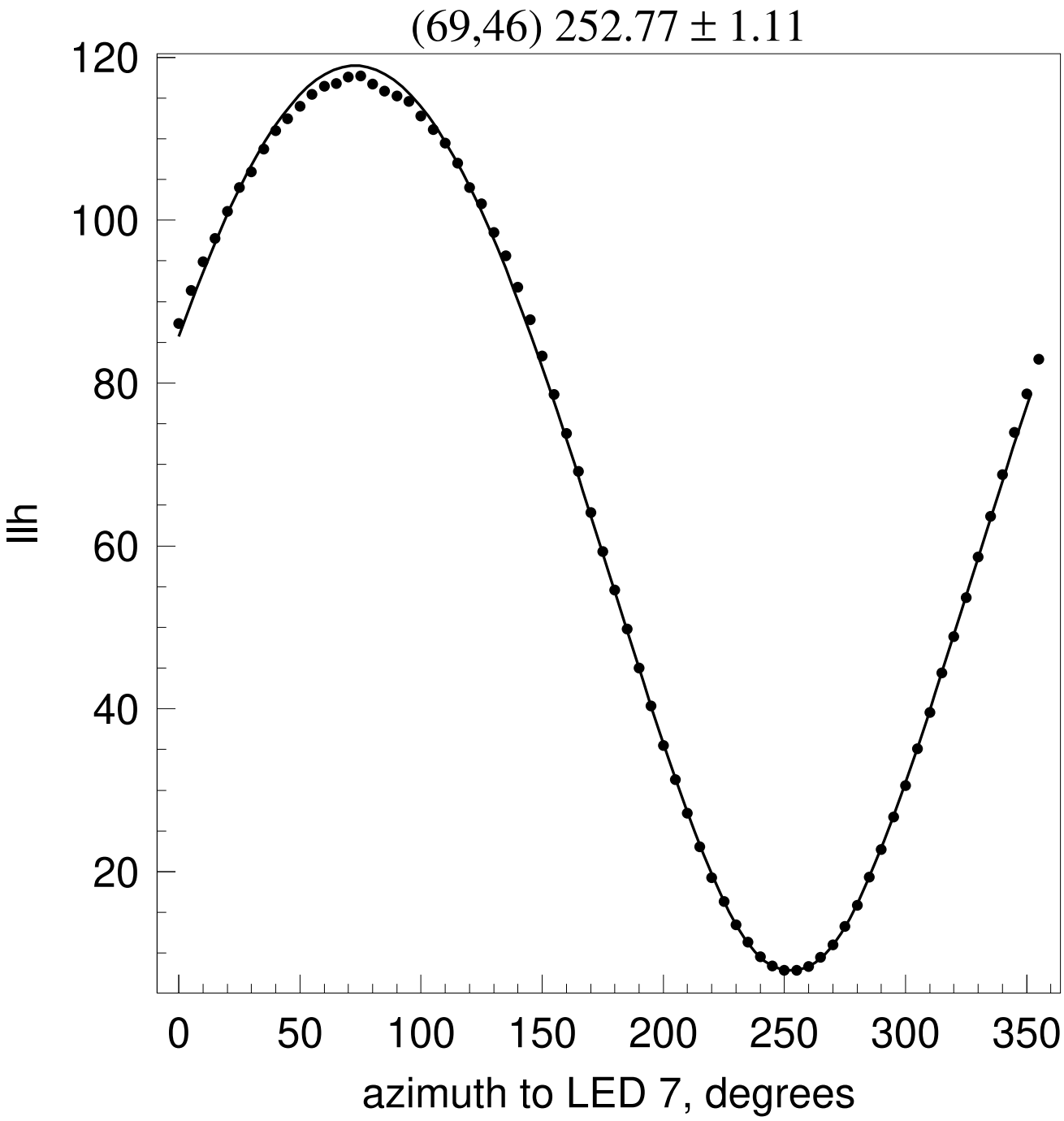

(69,40) 262.77 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

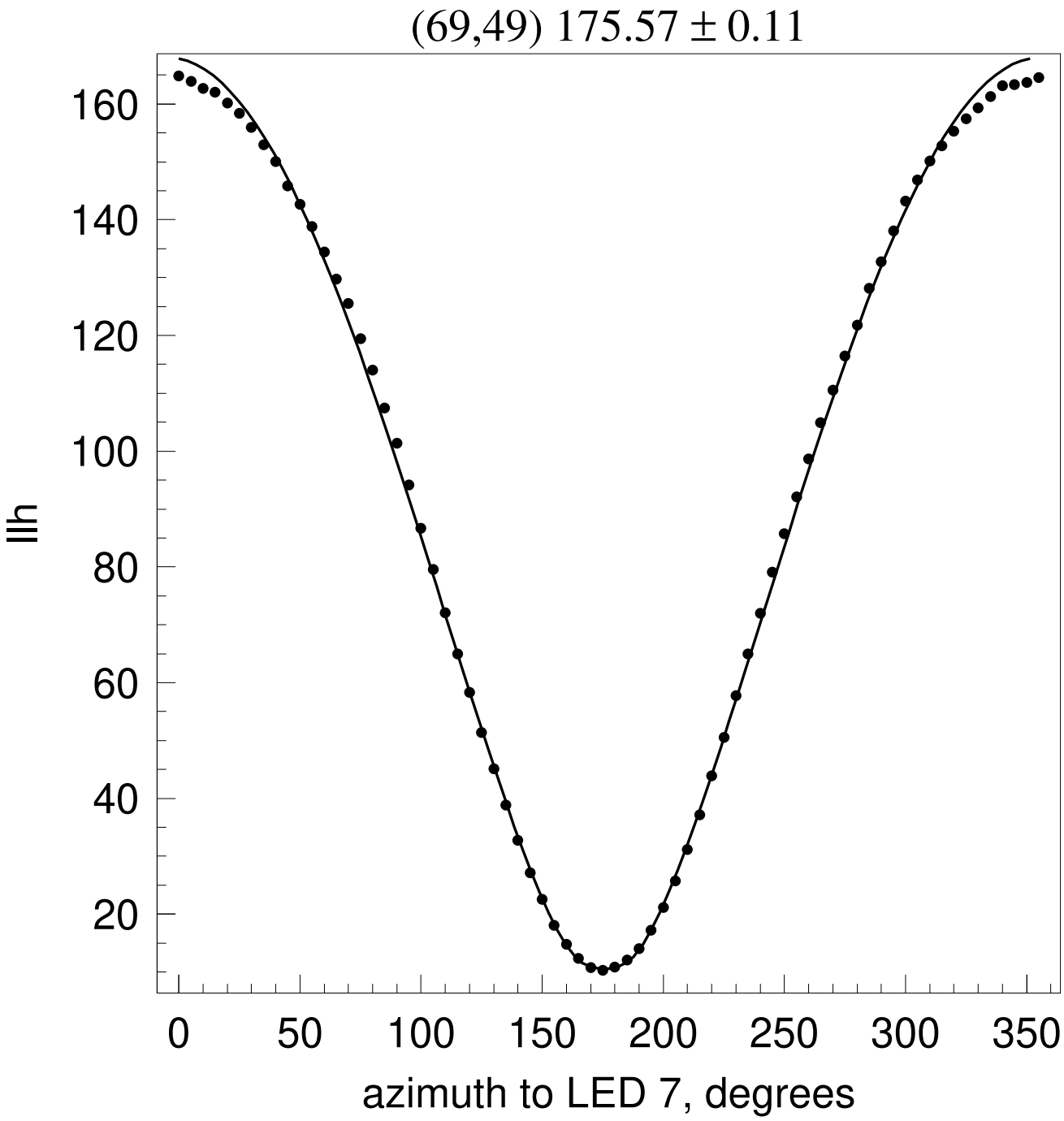

(69,41) 115.15 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

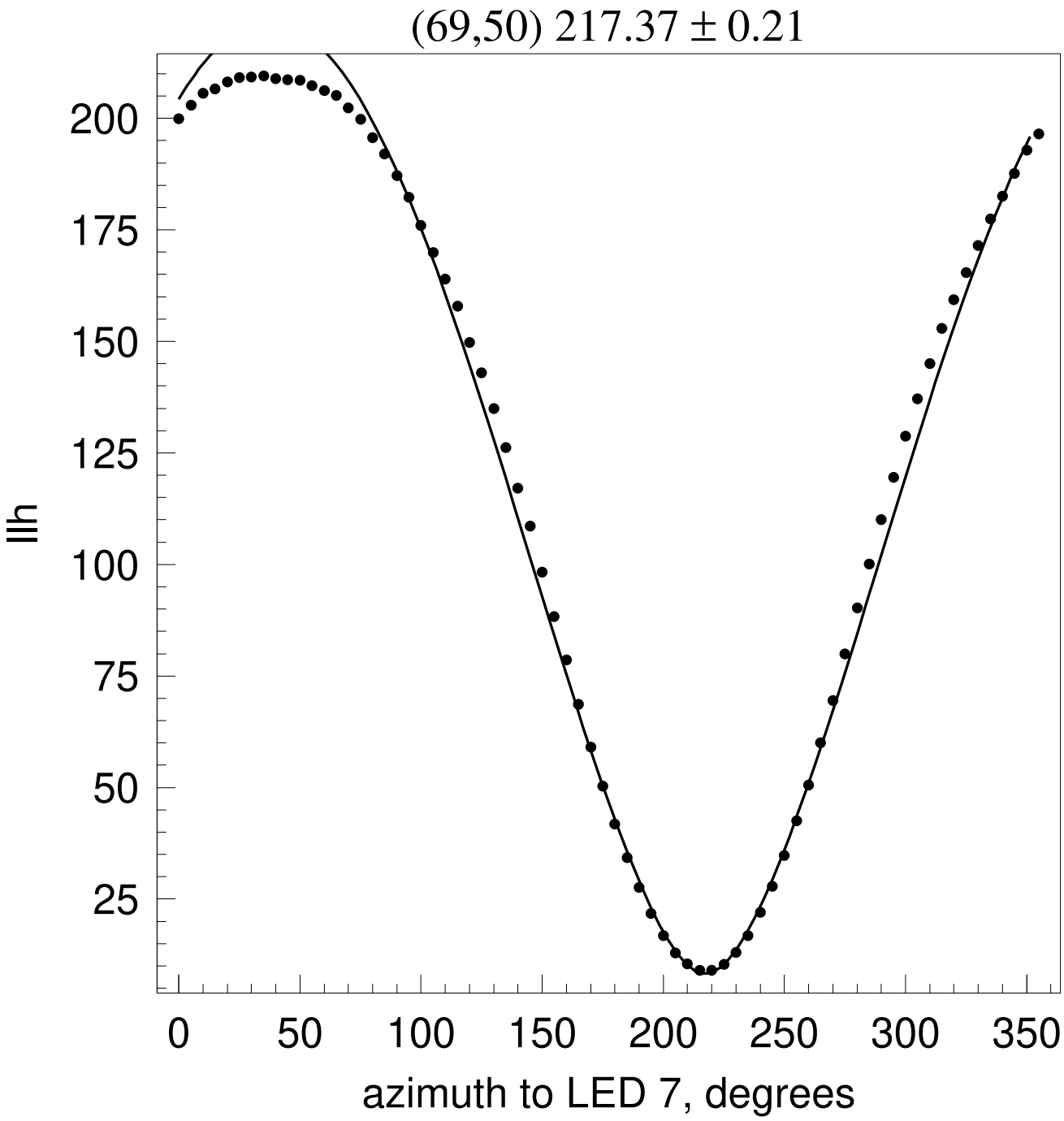

(69,42) 348.15 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

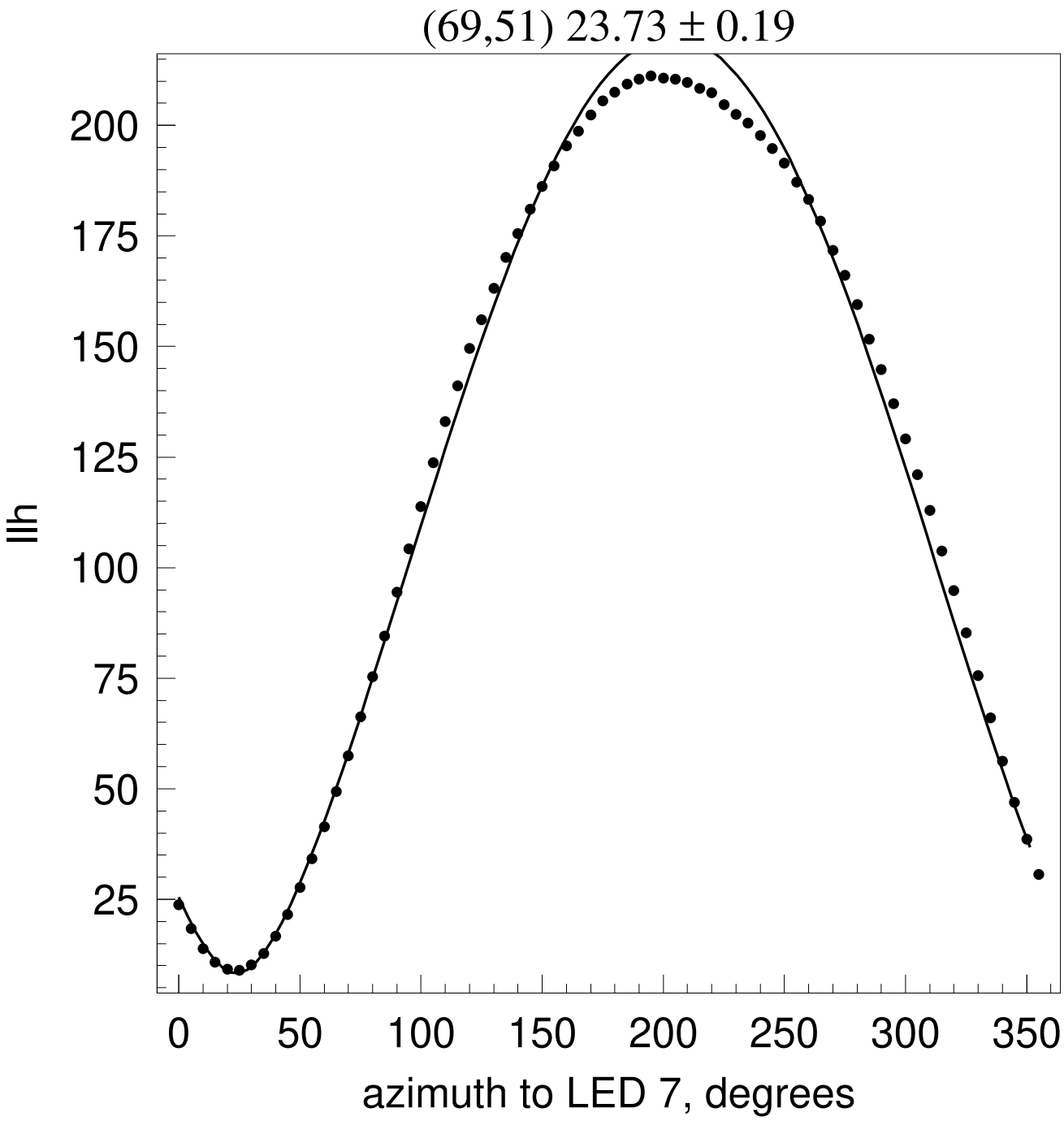

(69,43) 213.96 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

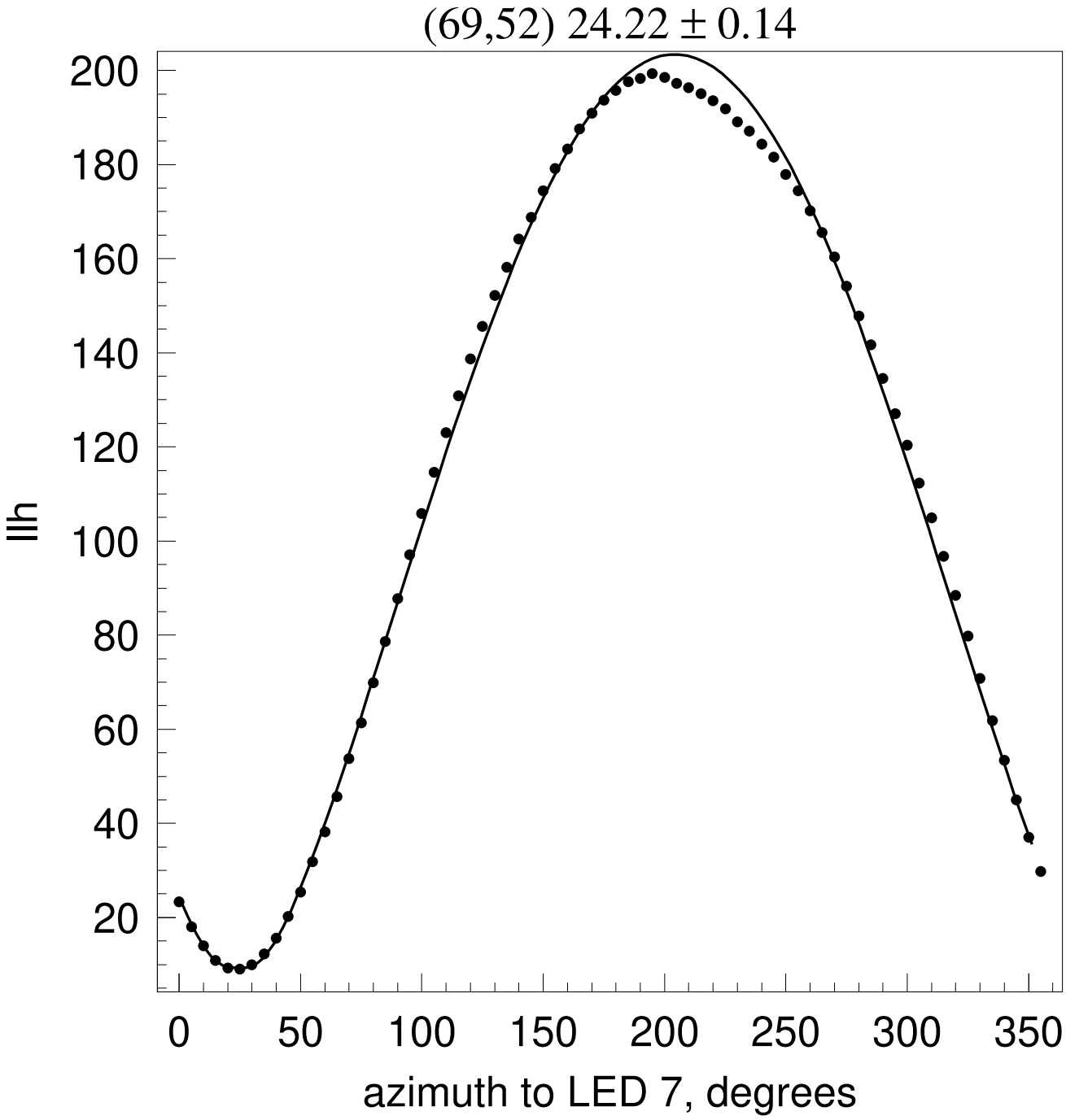

(69,45) 44.31 ± 0.04
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

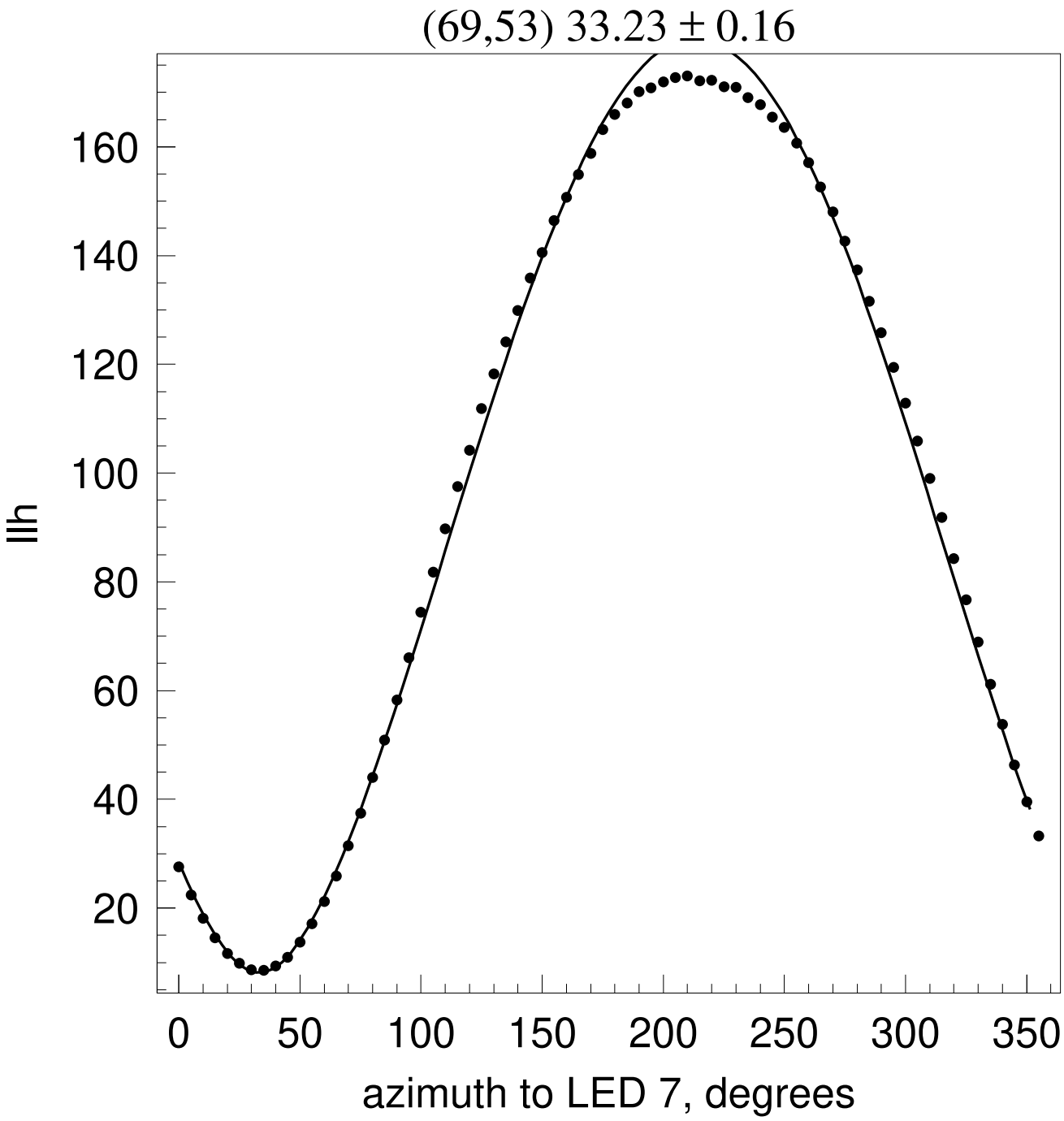

(69,46) 252.77 ± 1.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

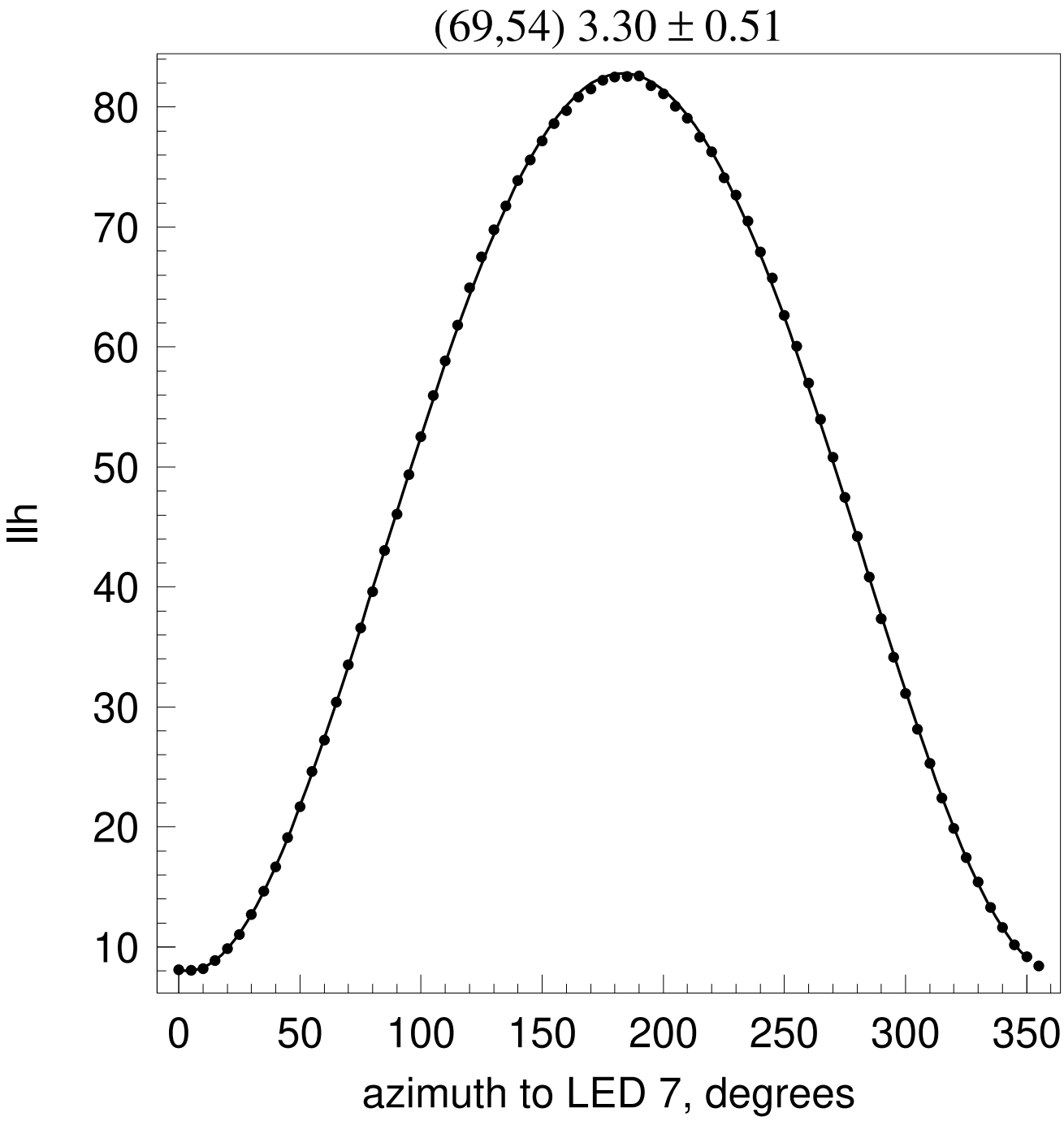

(69,49) 175.57 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

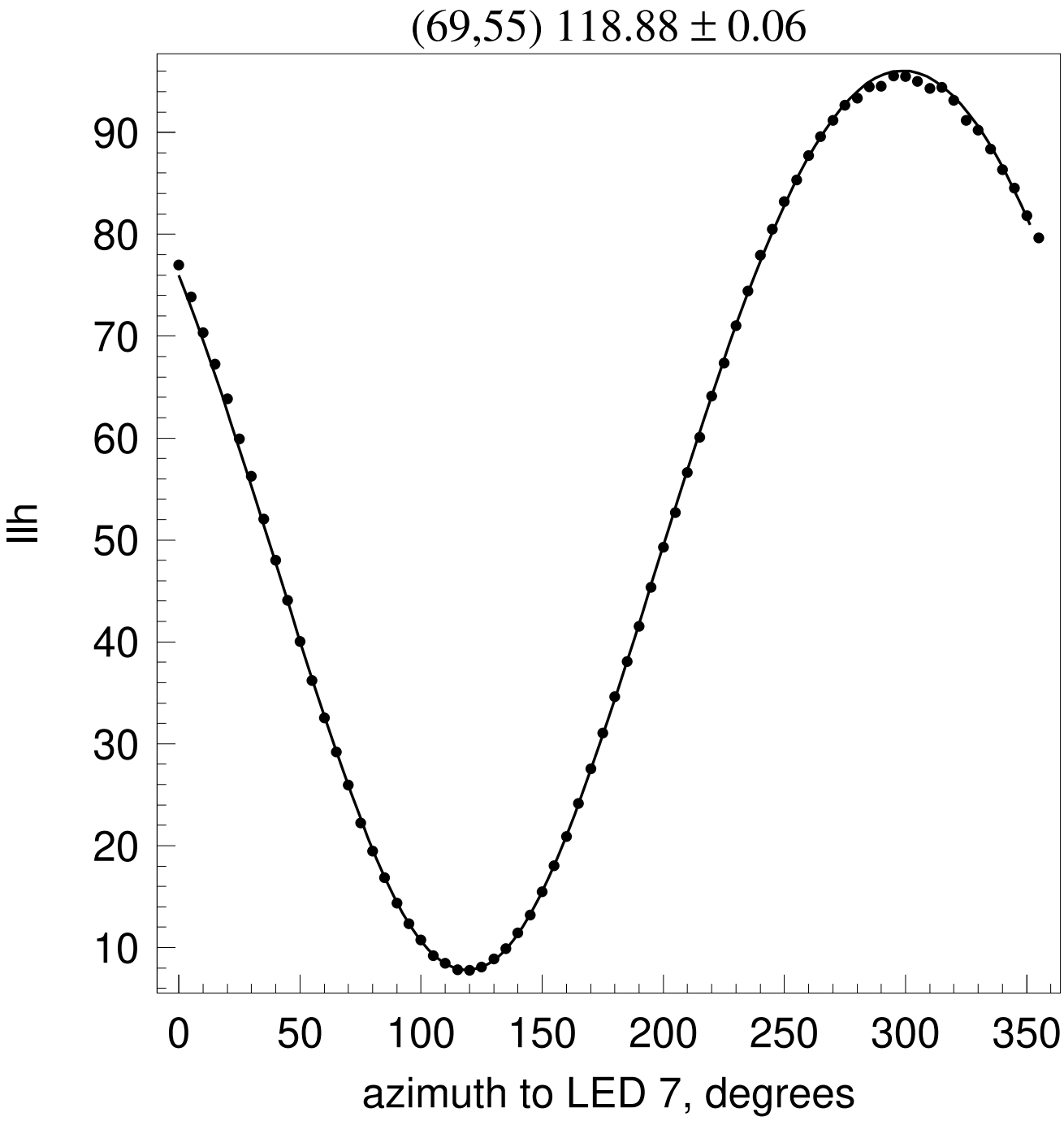

(69,50) 217.37 ± 0.21
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

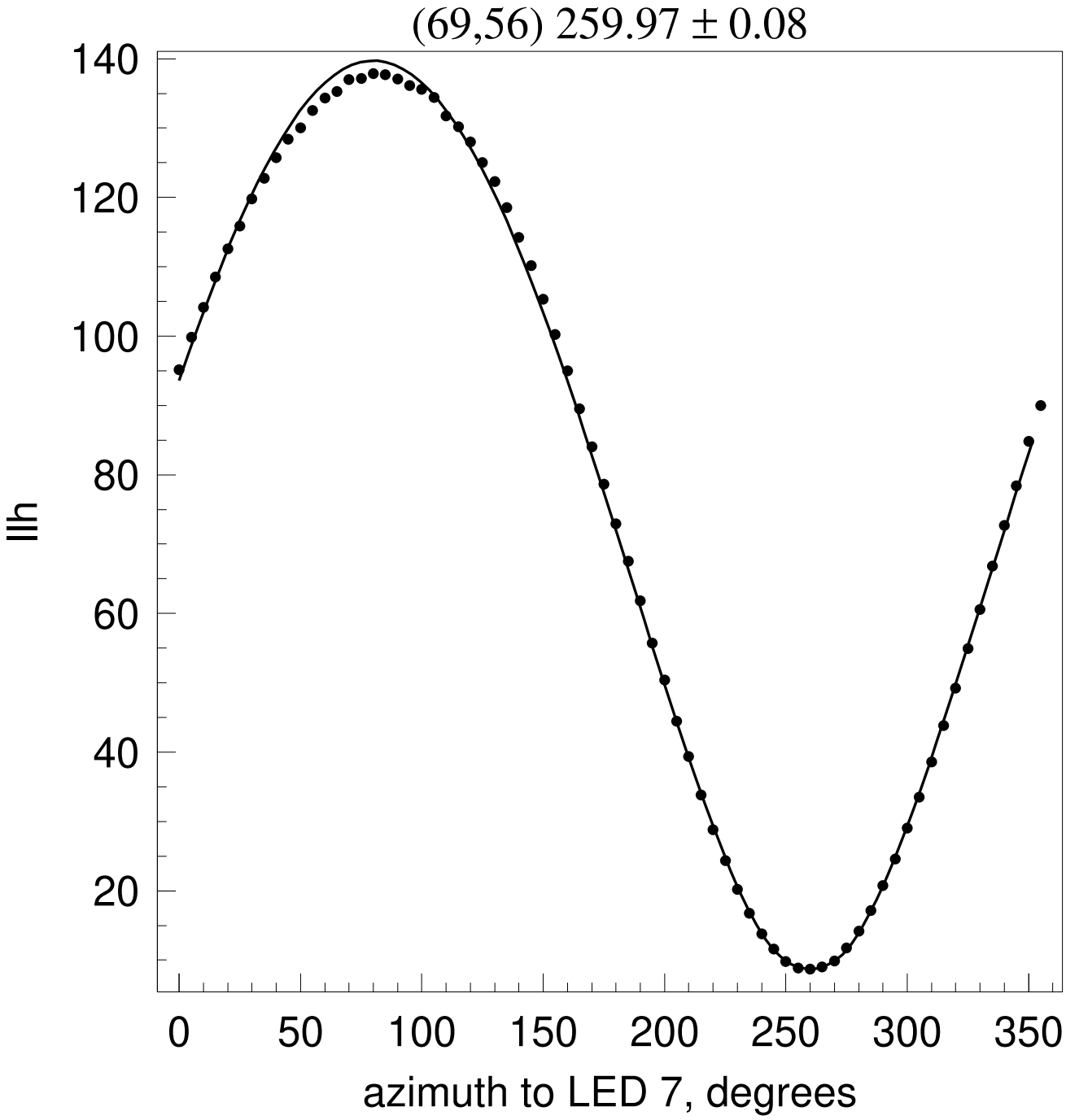

(69,51) 23.73 ± 0.19
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

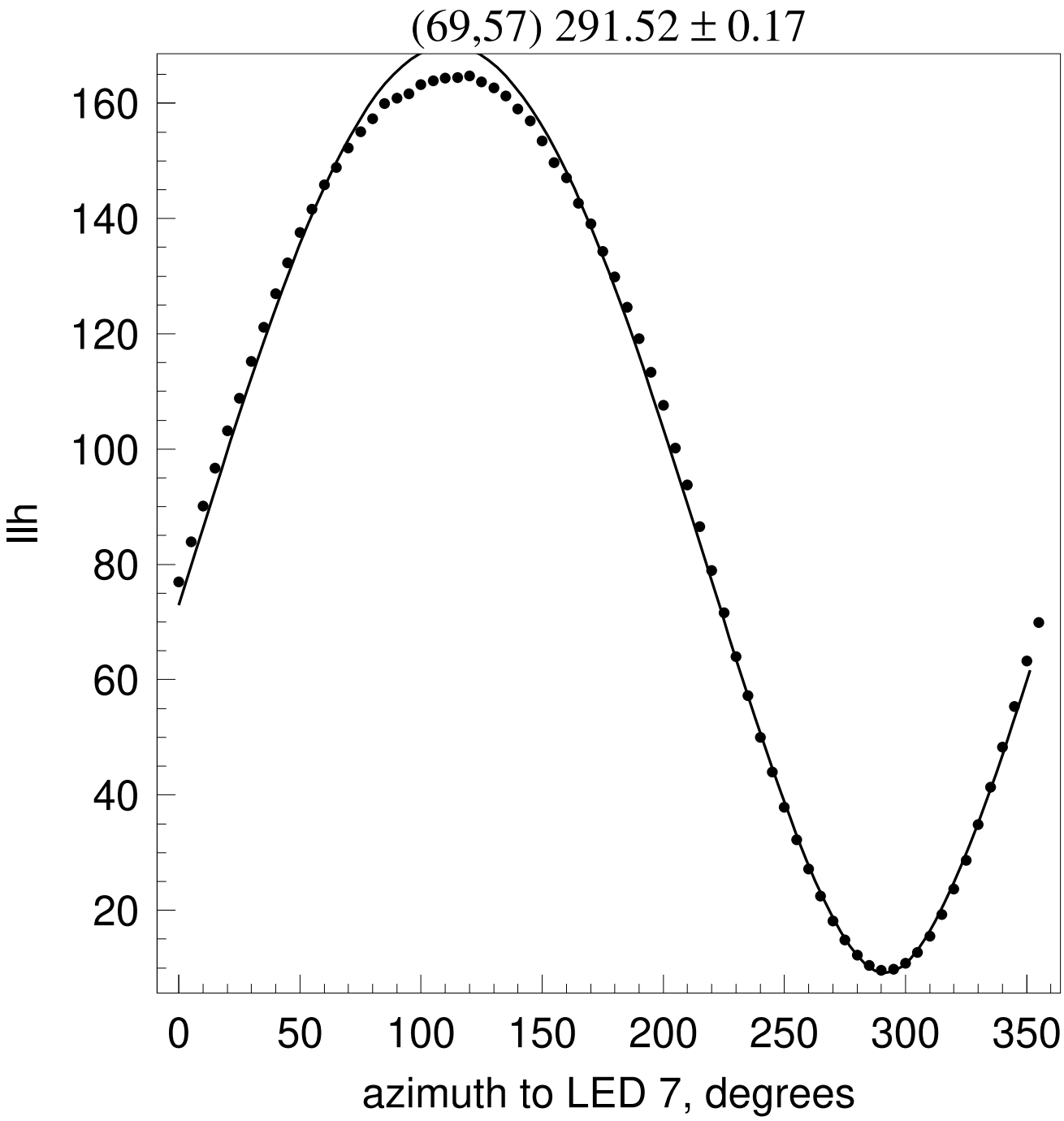

(69,52) 24.22 ± 0.14
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

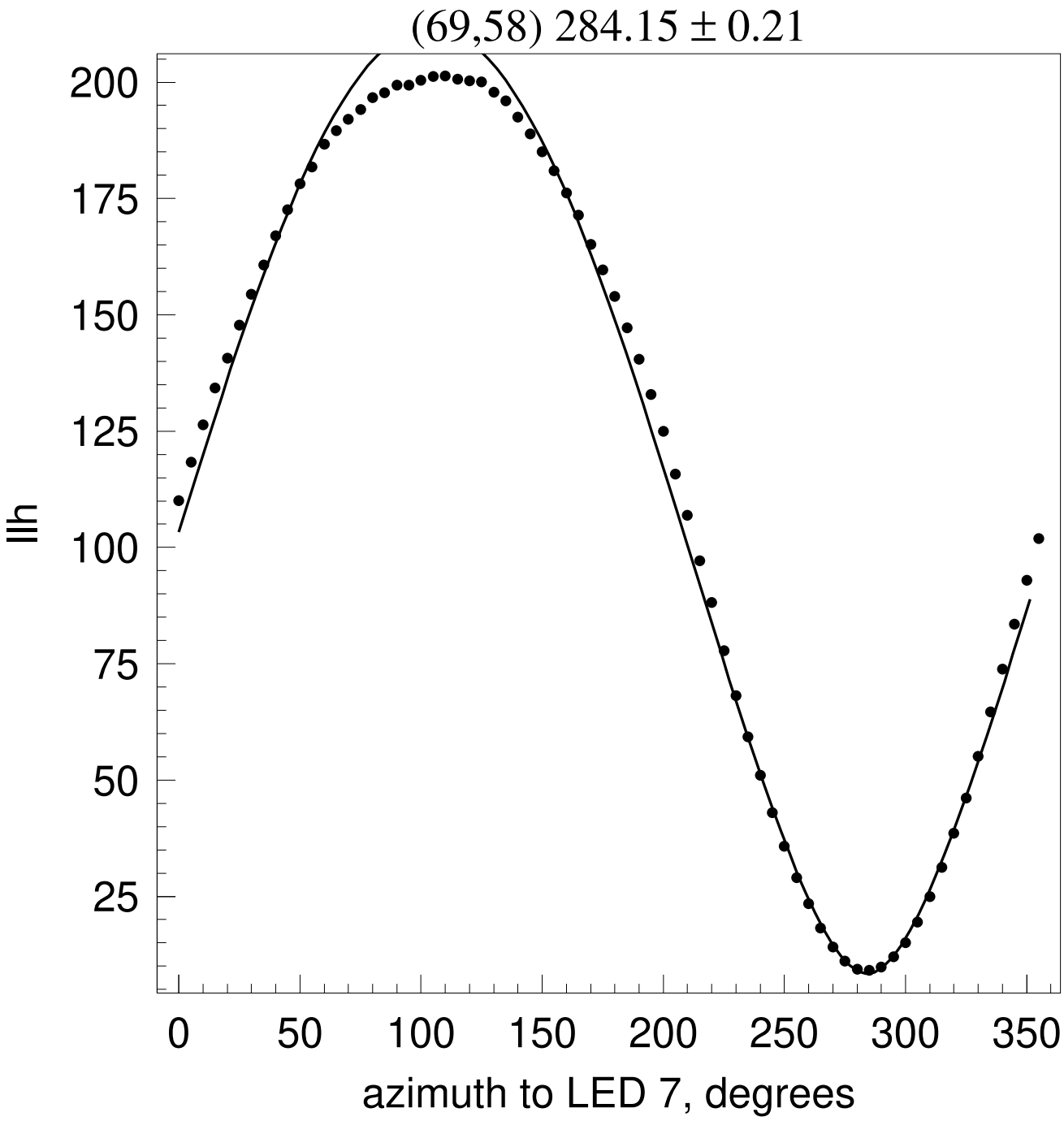

(69,53) 33.23 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

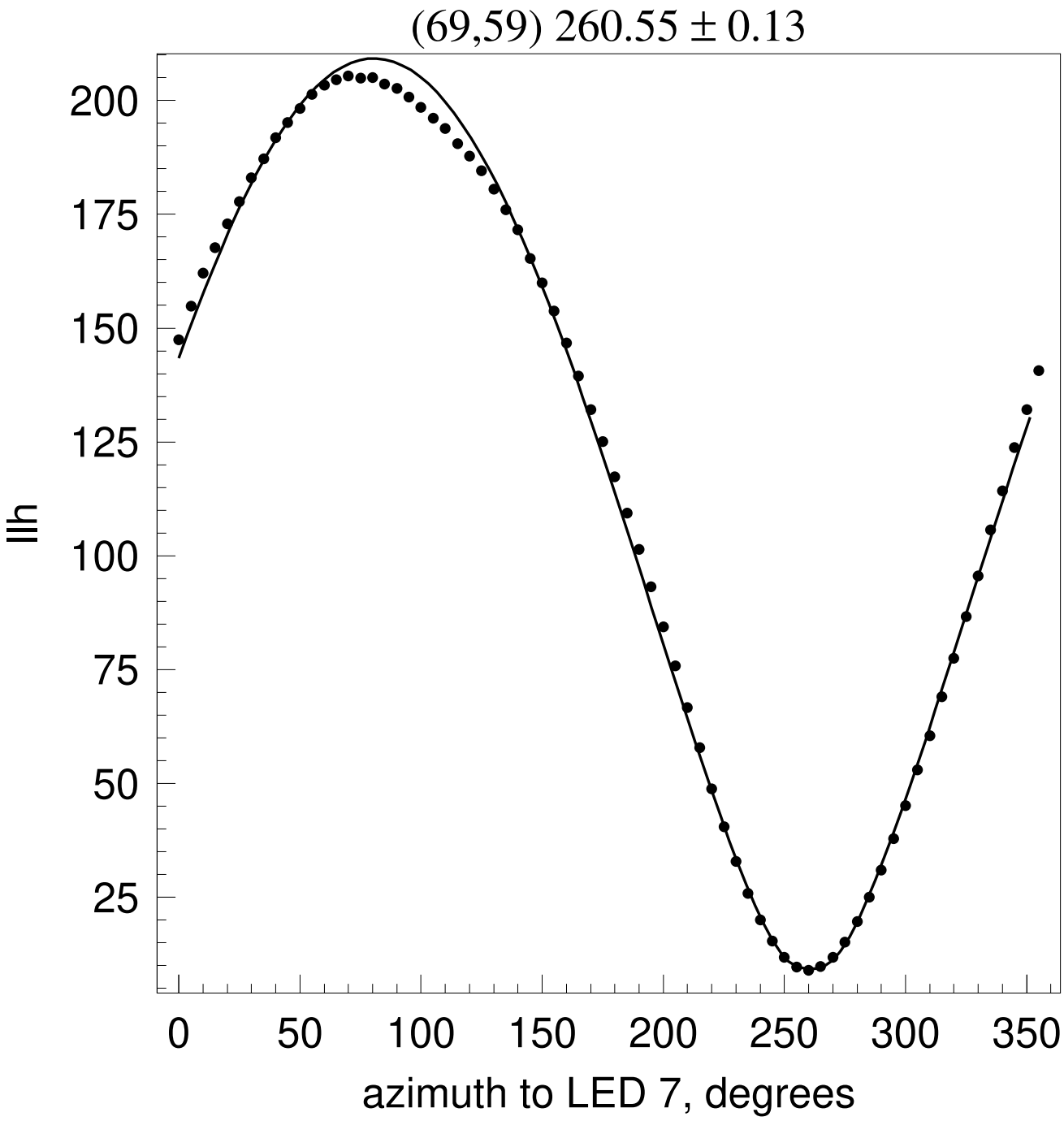

(69,54) 3.30 ± 0.51
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

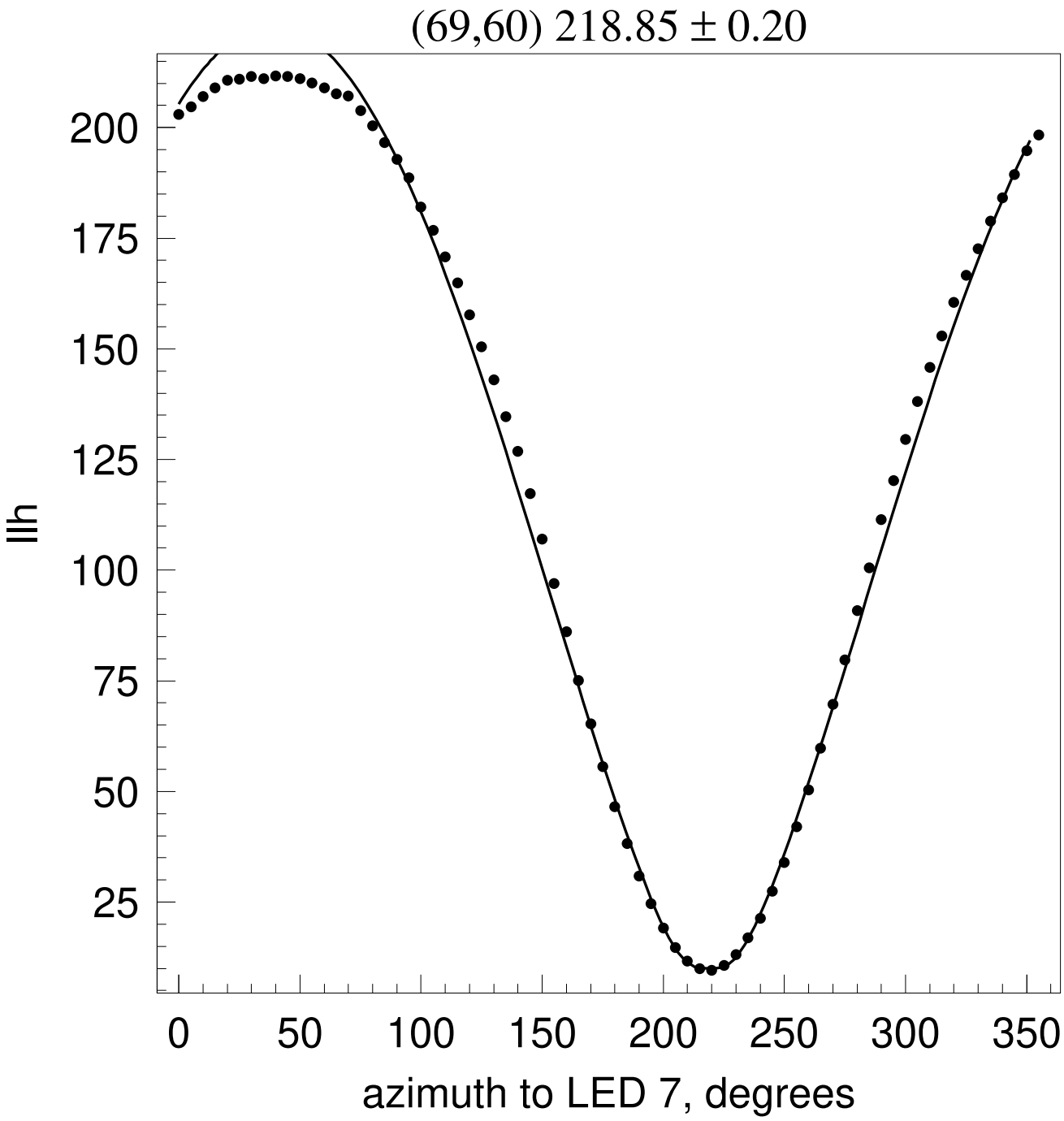

(69,55) 118.88 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

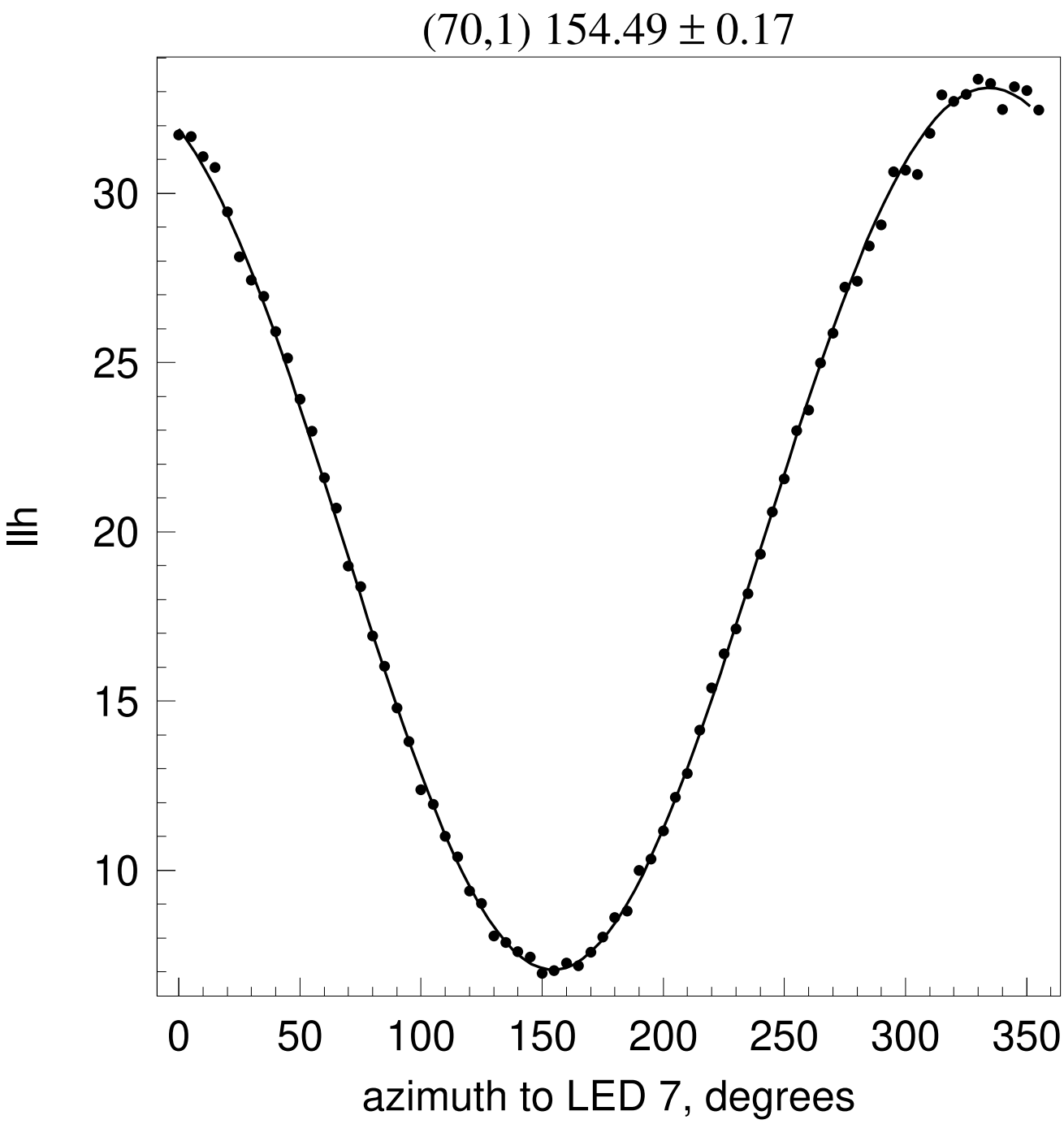

(69,56) 259.97 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

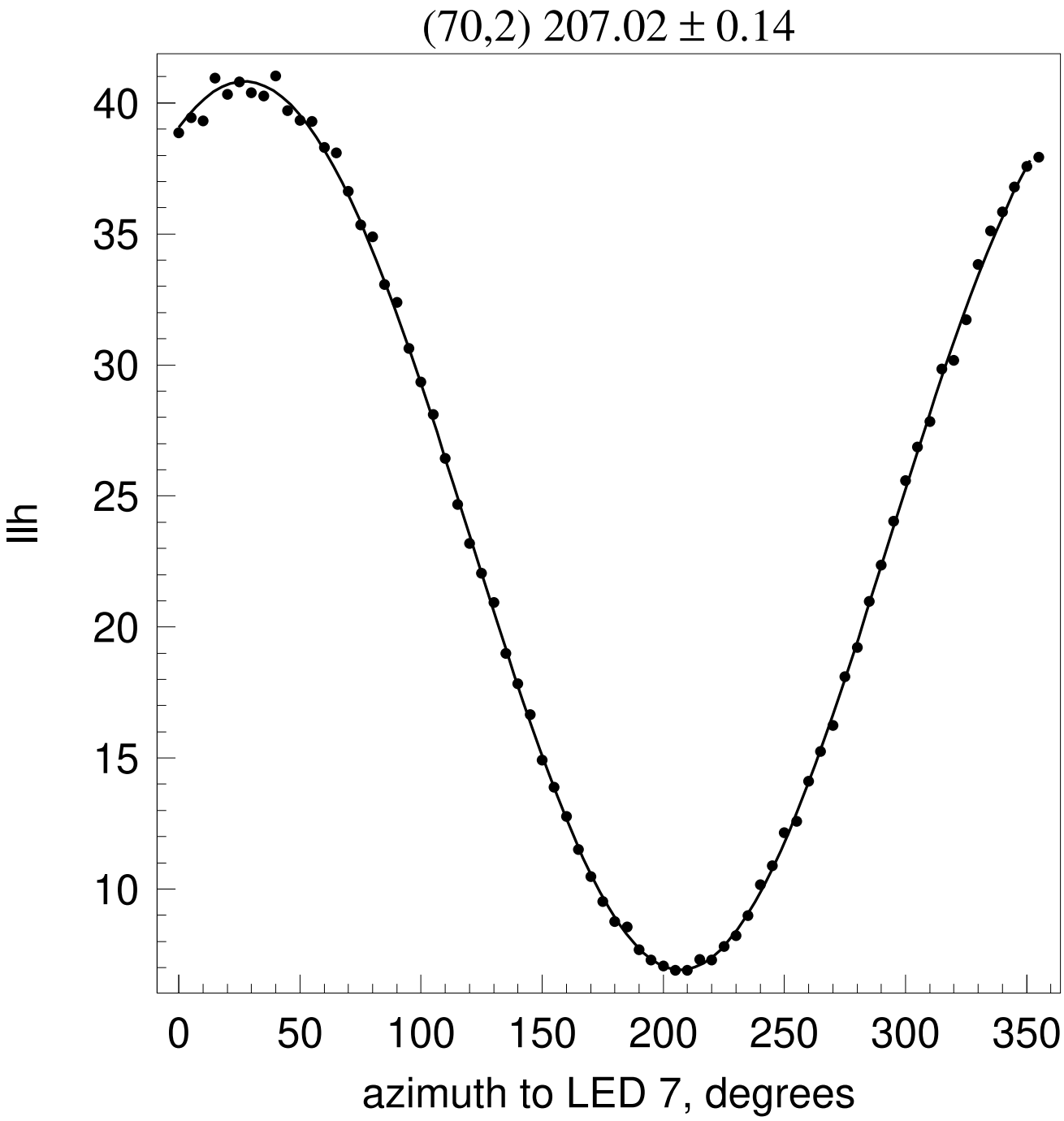

(69,57) 291.52 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

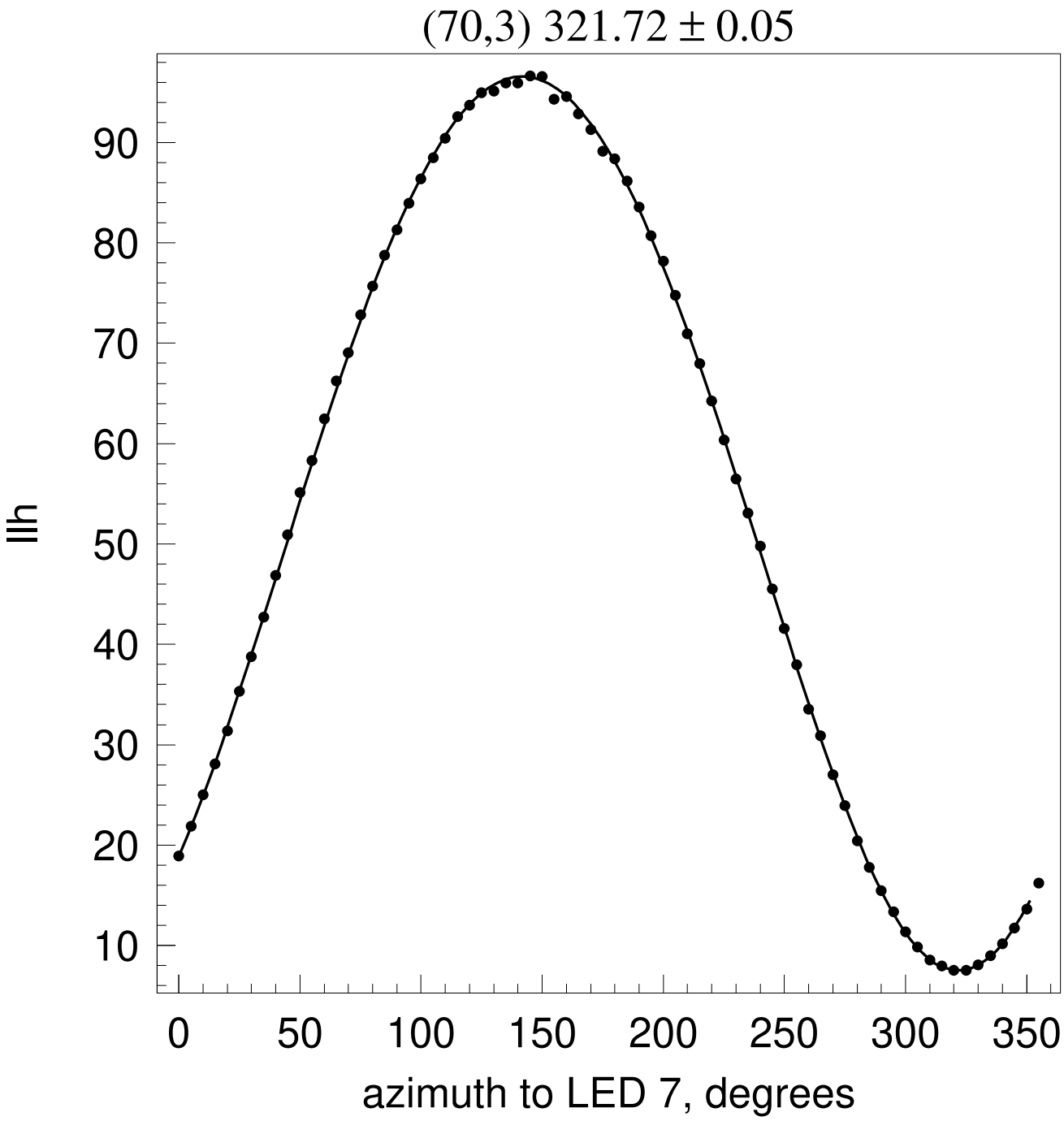

(69,58) 284.15 ± 0.21
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

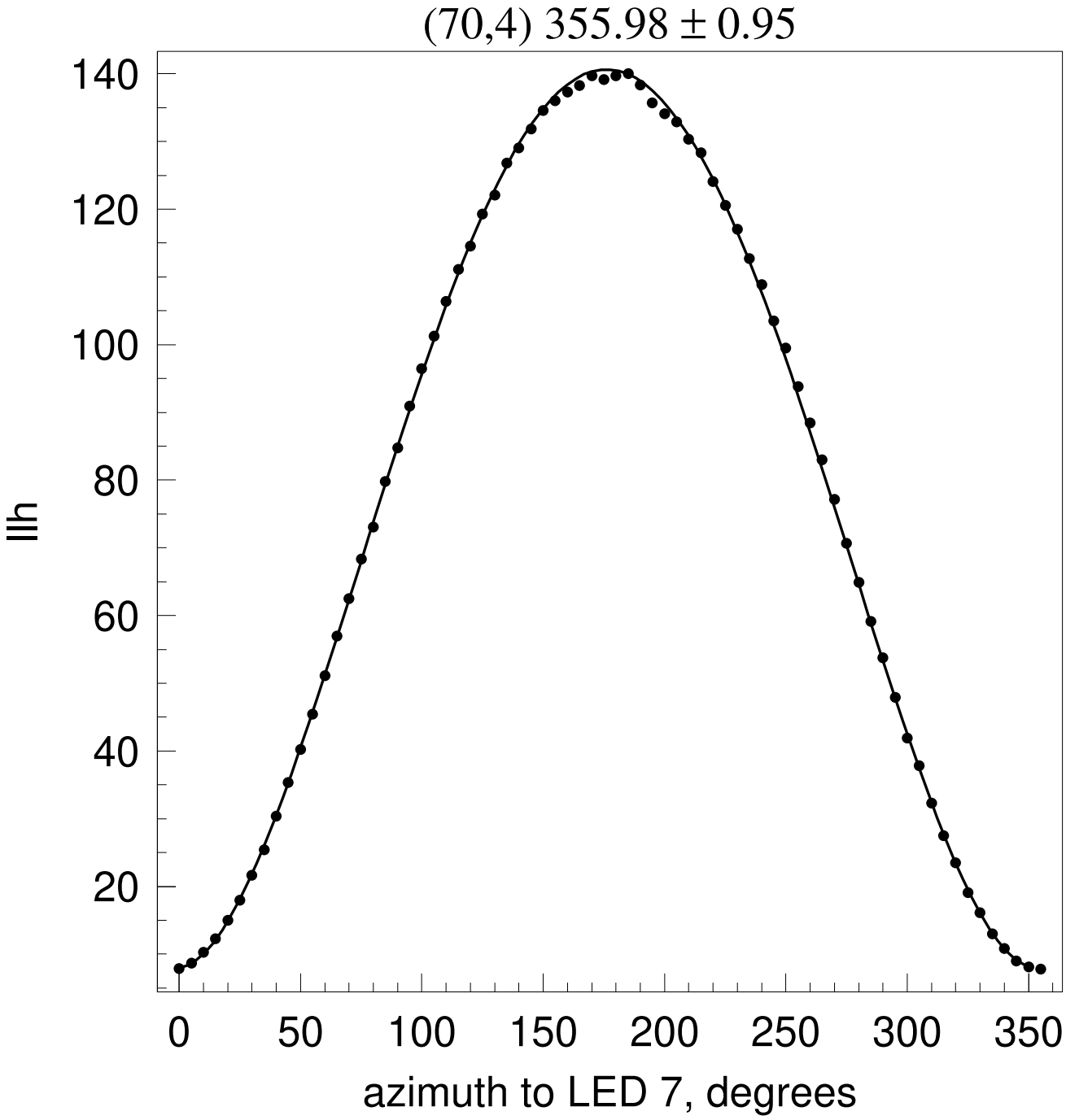

(69,59) 260.55 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

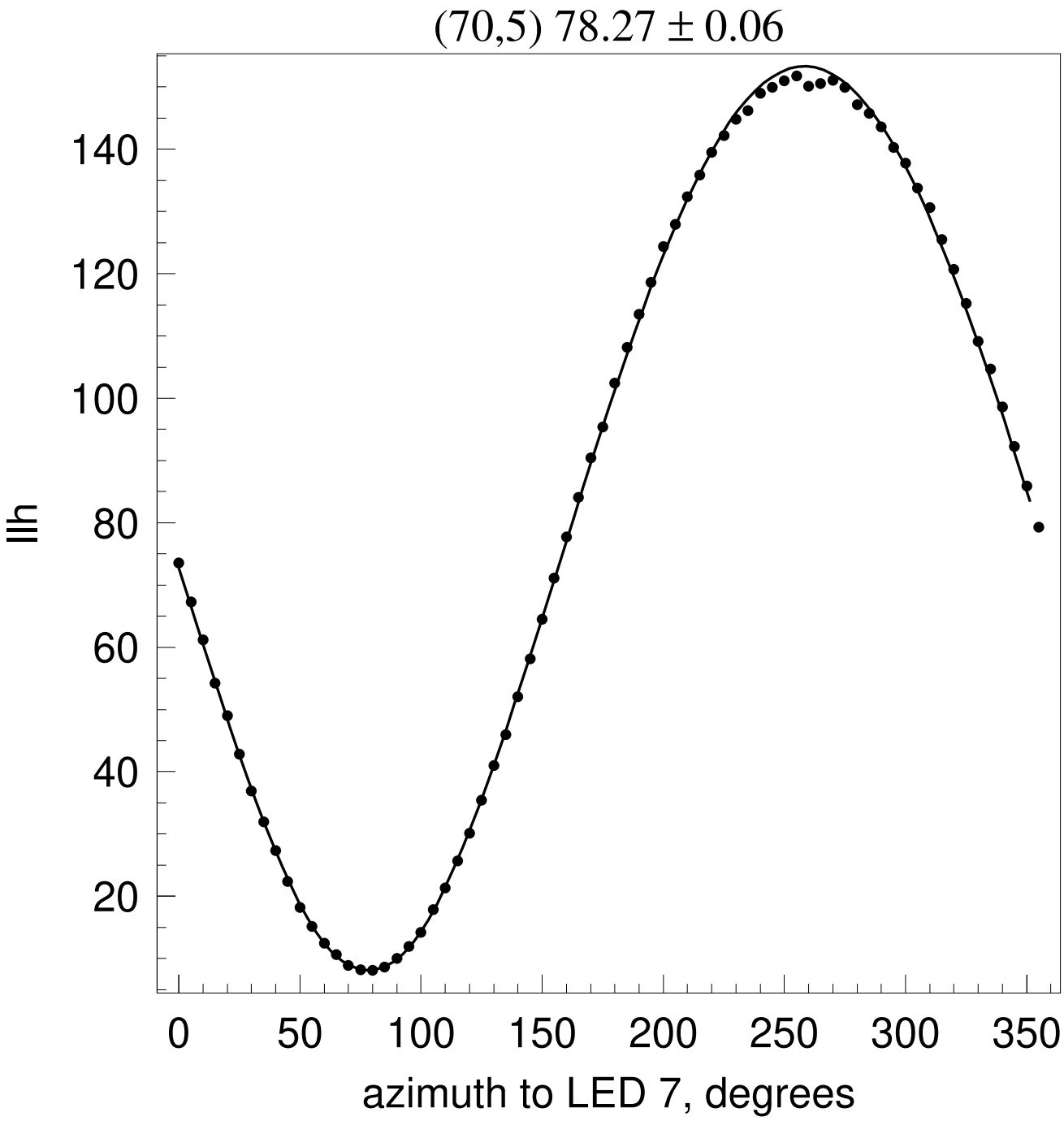

(69,60) 218.85 ± 0.20
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

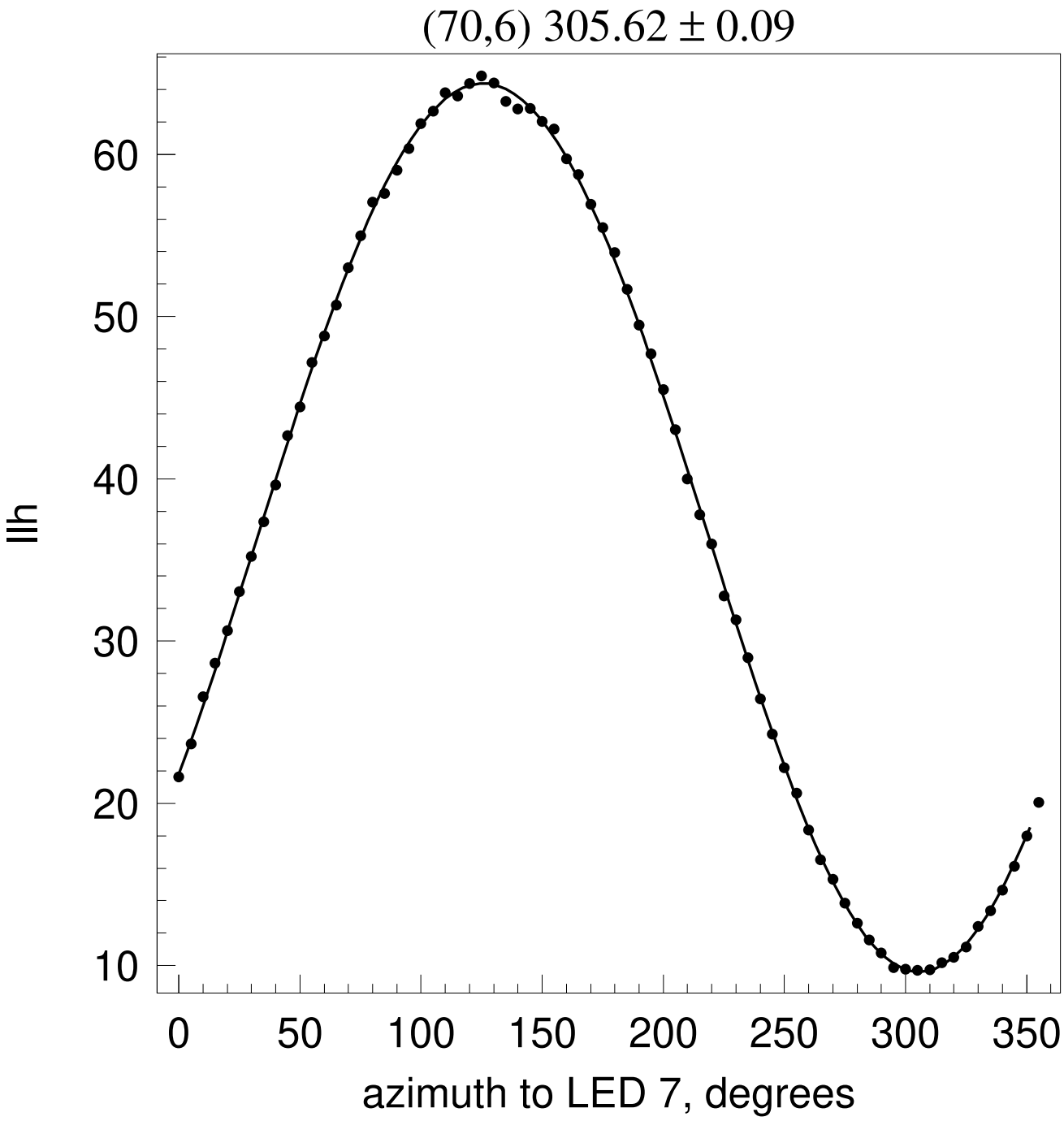

(70,1) 154.49 ± 0.17
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

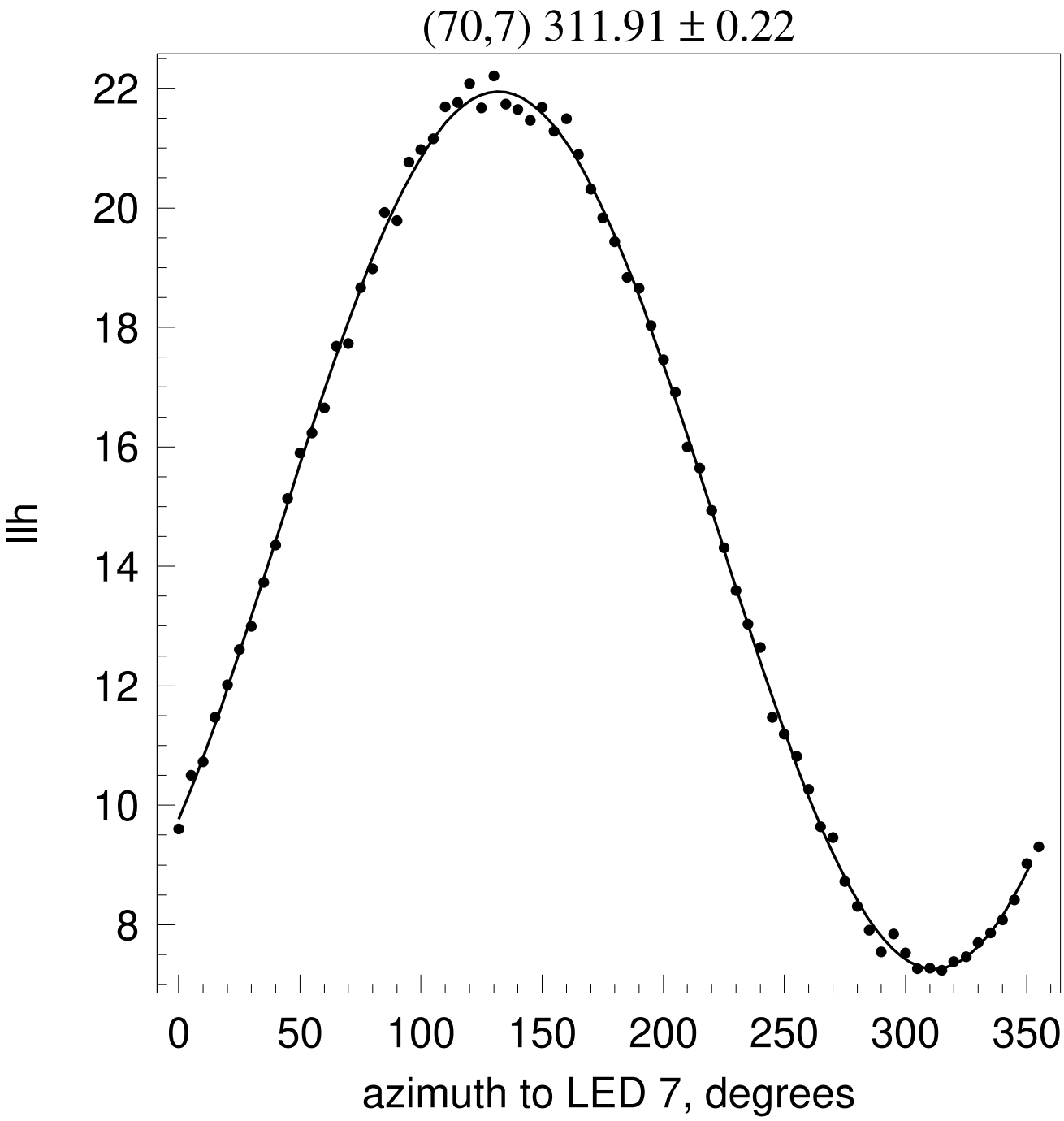

(70,2) 207.02 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

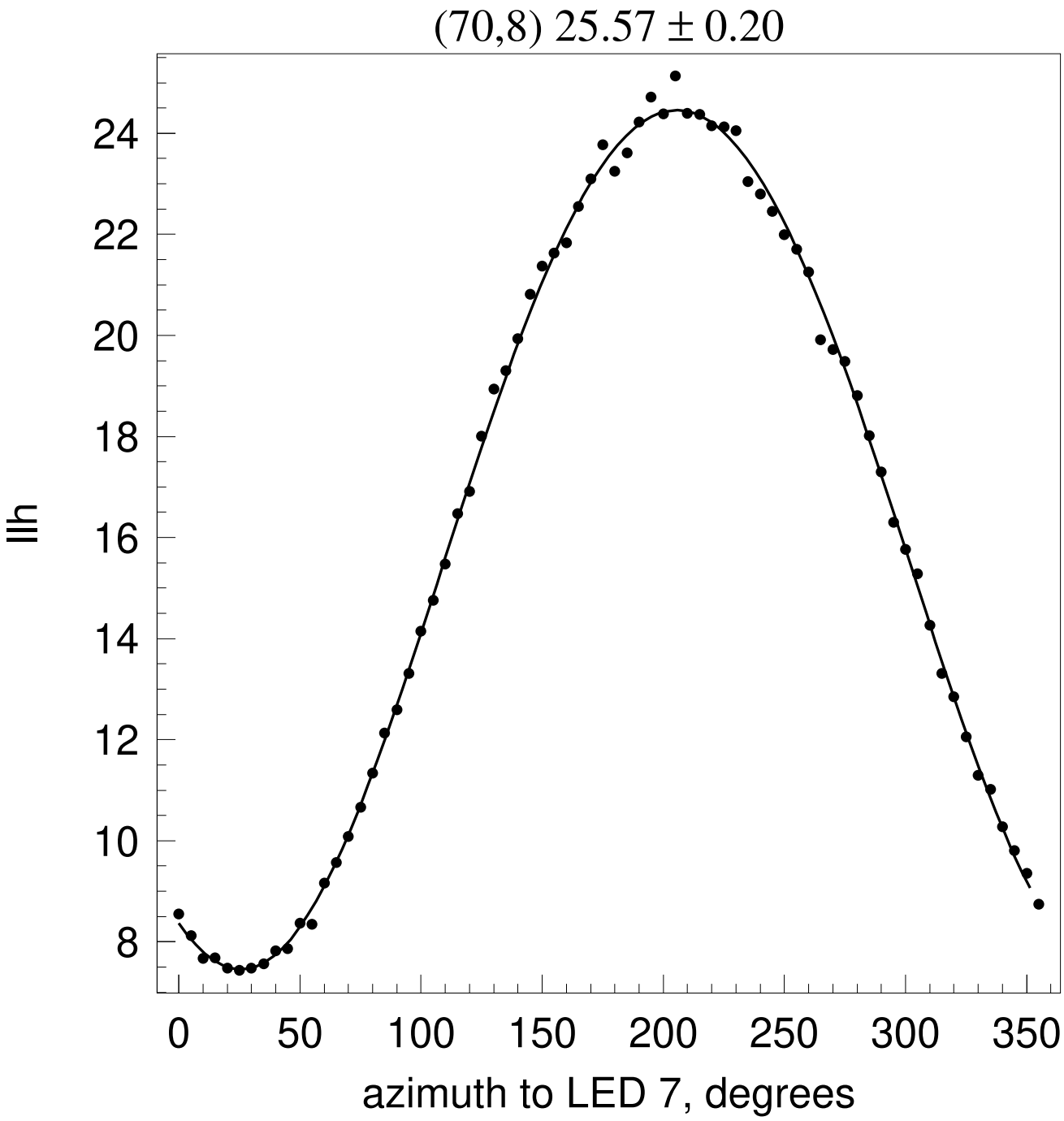

(70,3) 321.72 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

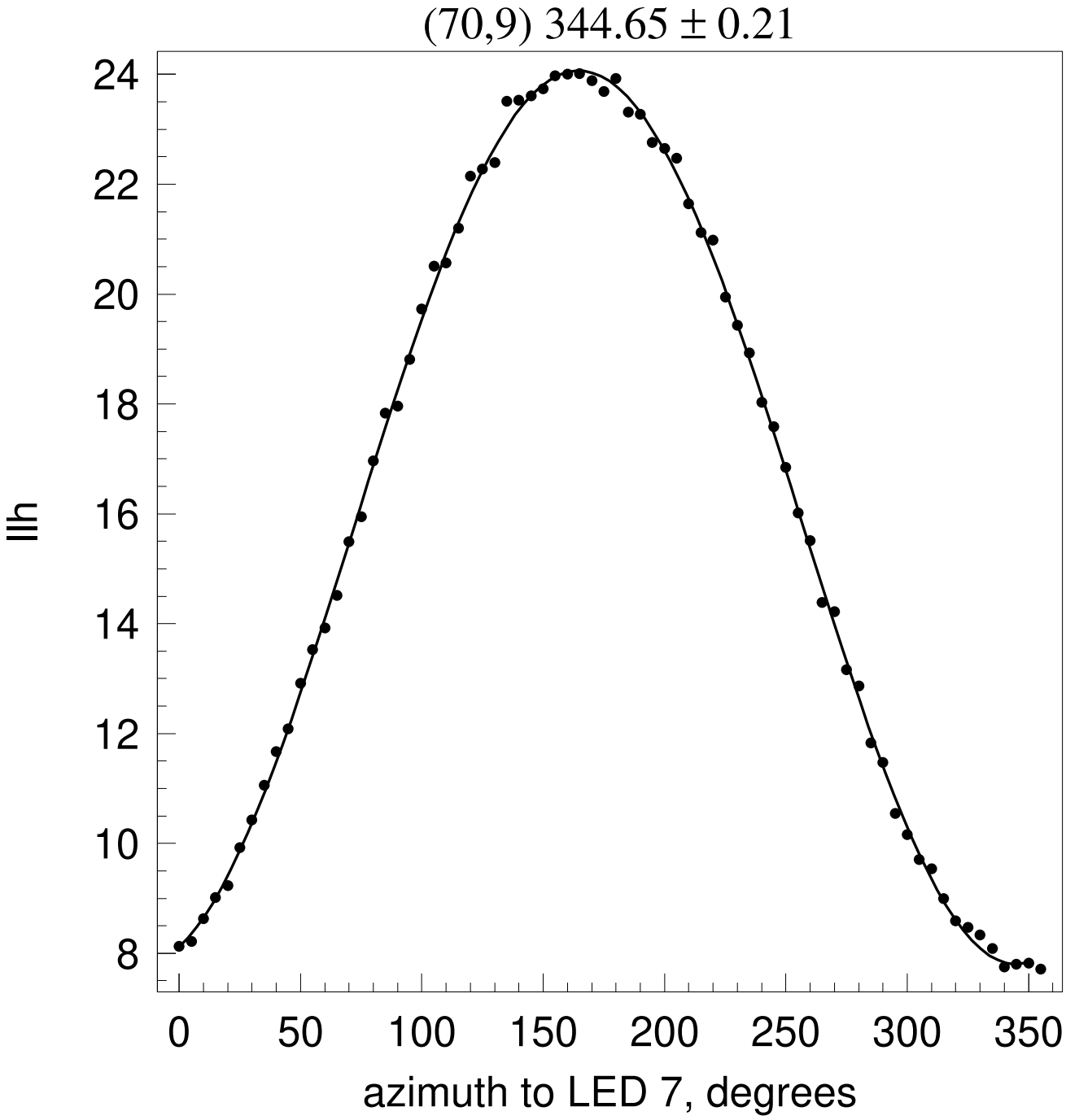

(70,4) 355.98 ± 0.95
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

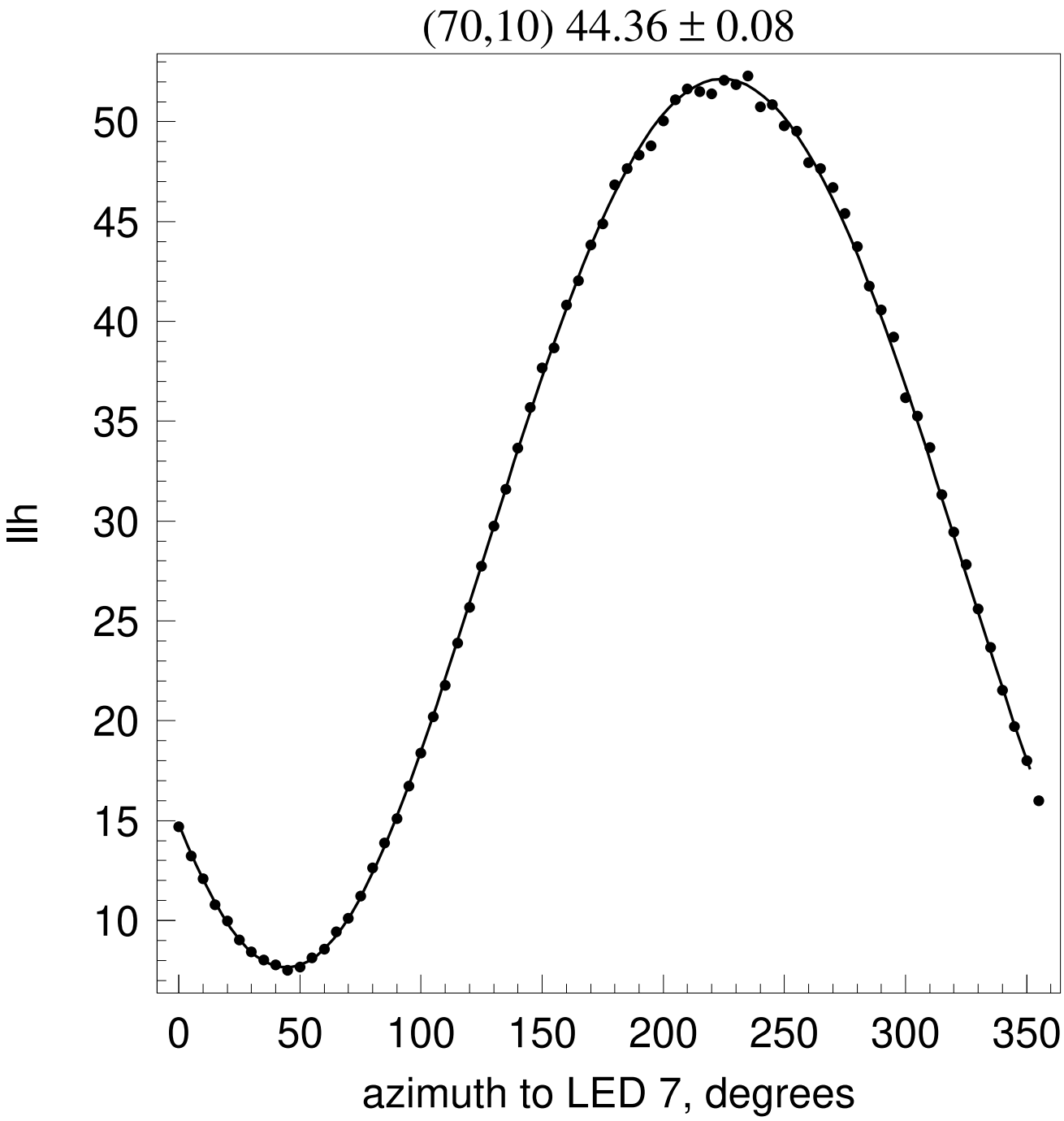

(70,5) 78.27 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

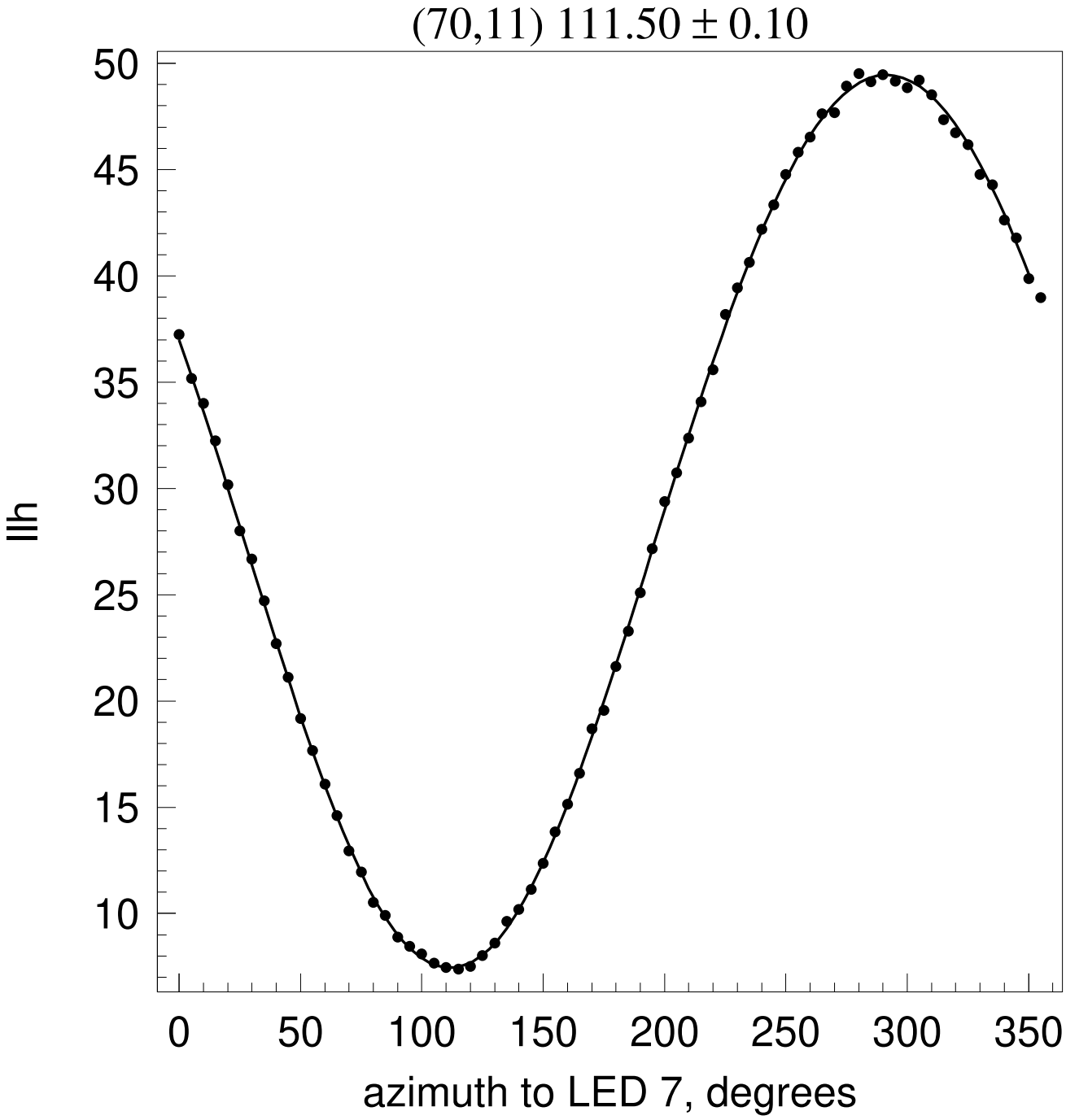

(70,6) 305.62 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

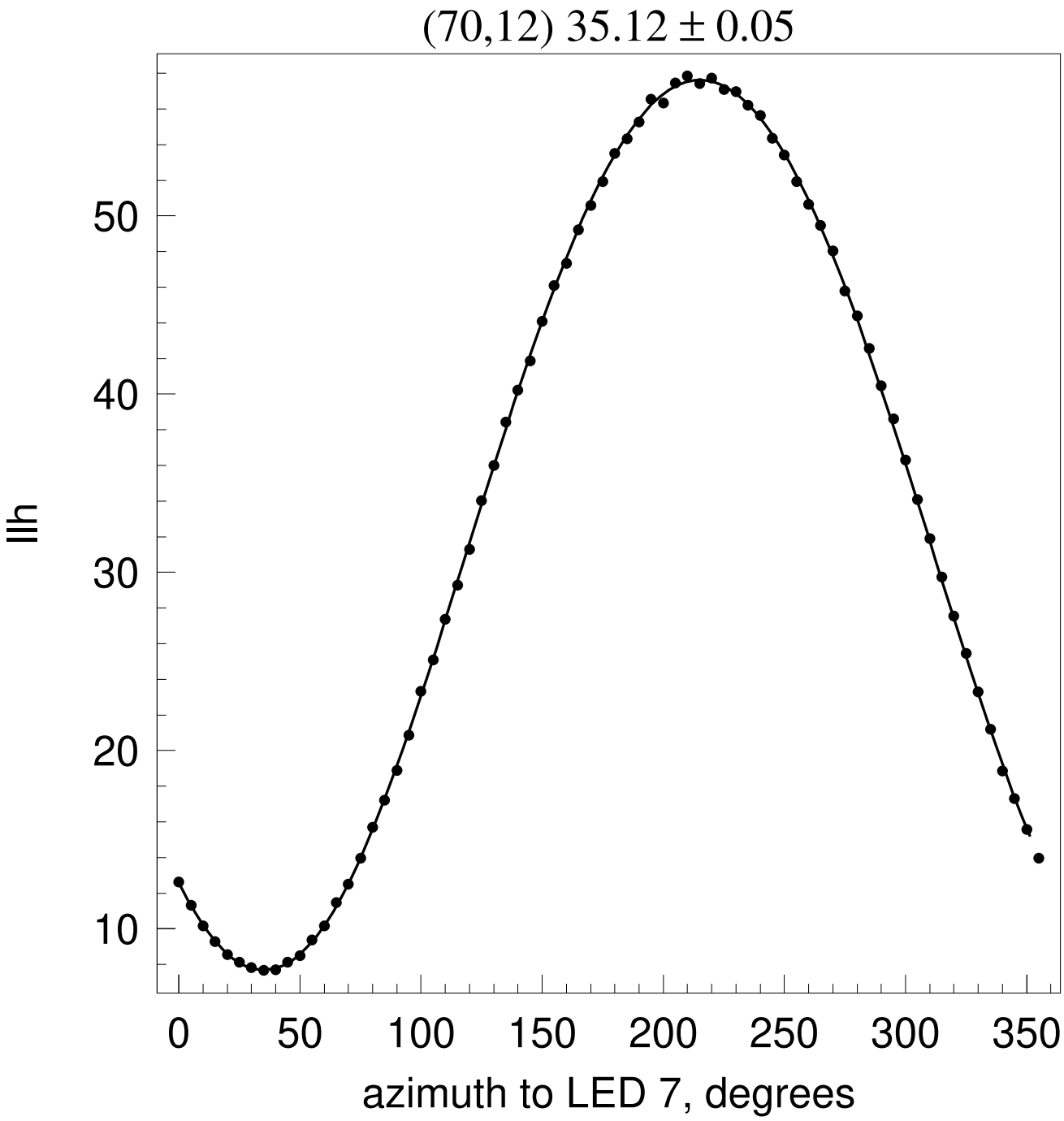

(70,7) 311.91 ± 0.22
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

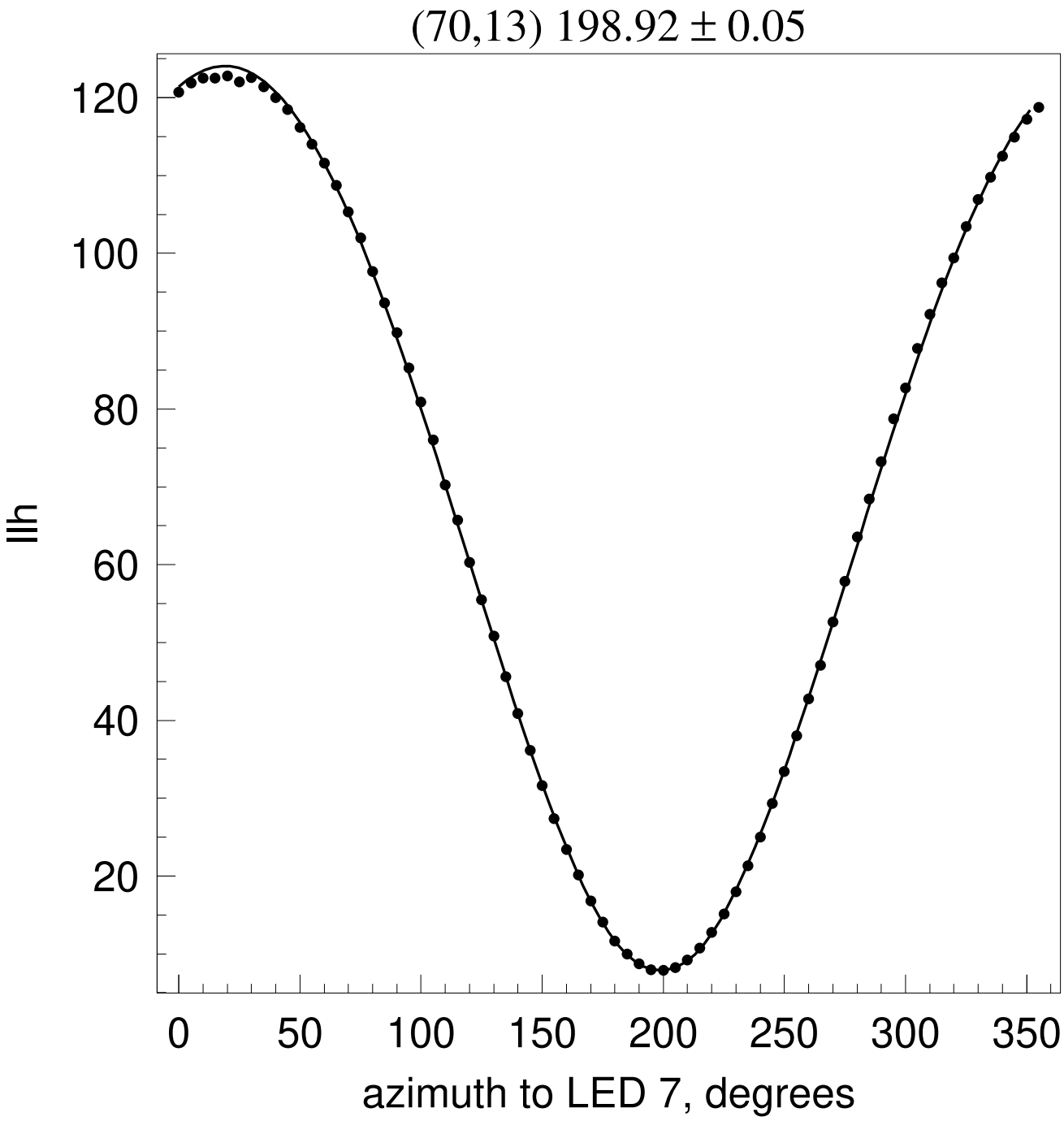

(70,8) 25.57 ± 0.20
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

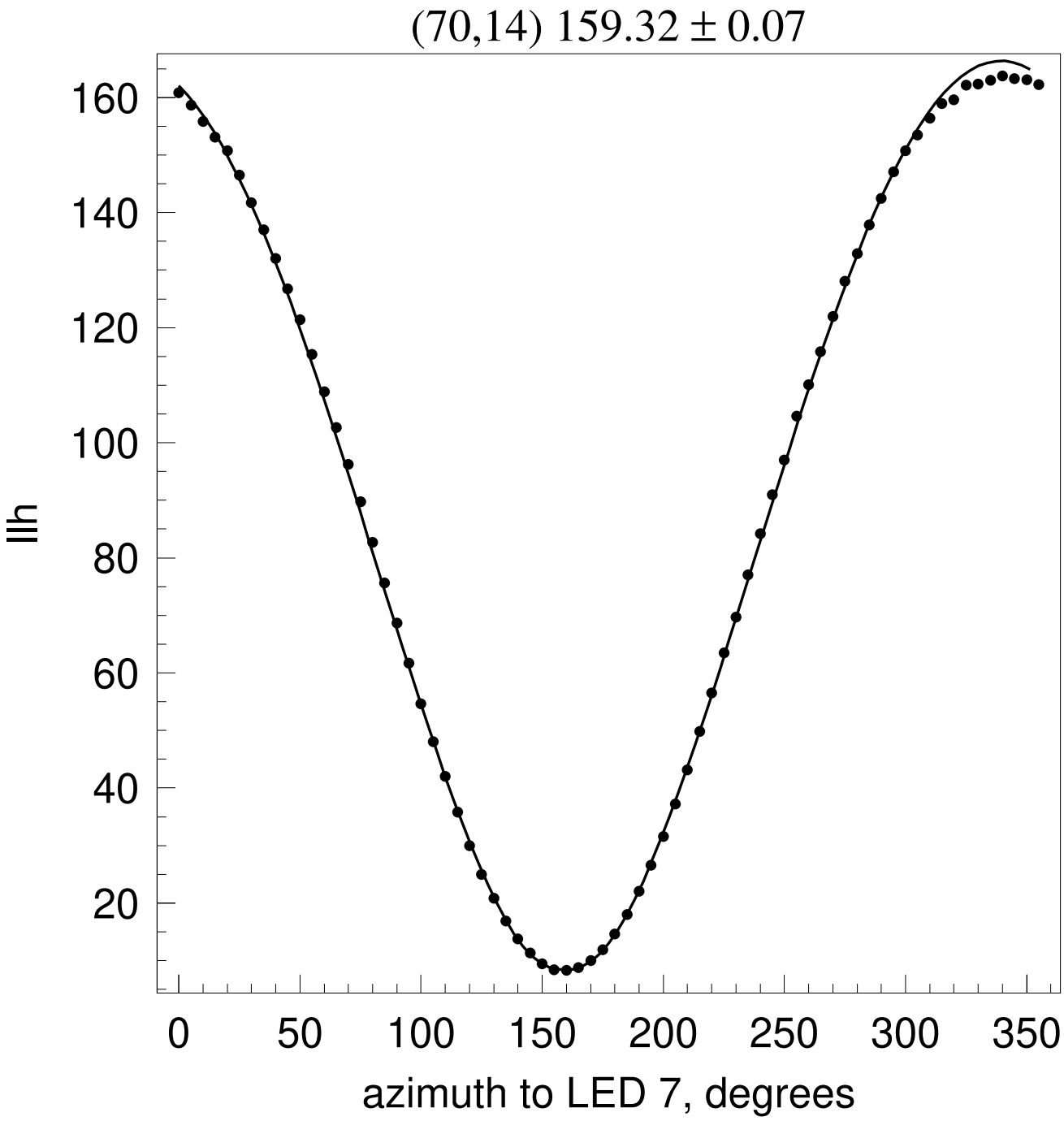

(70,9) 344.65 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

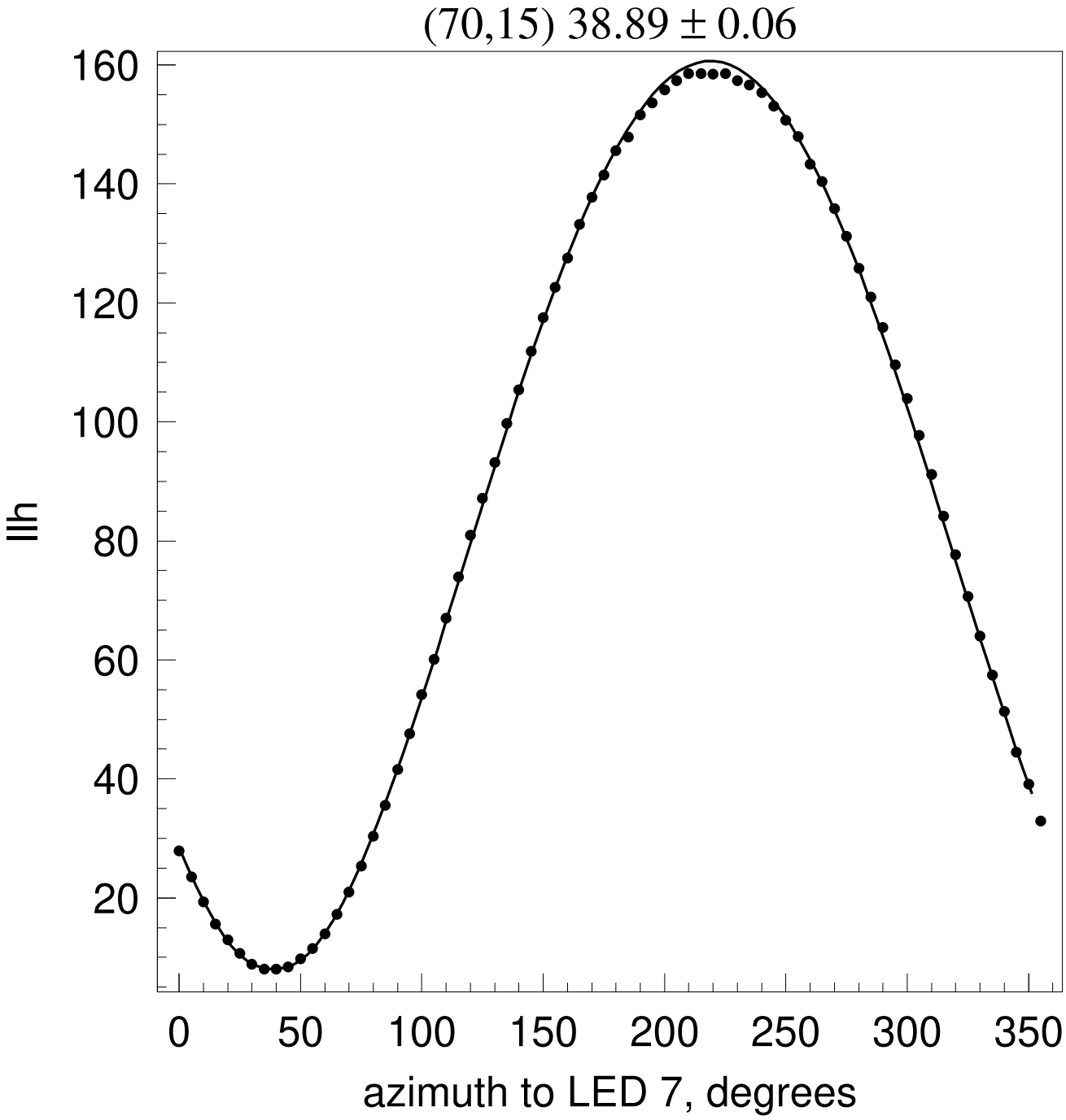

(70,10) 44.36 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

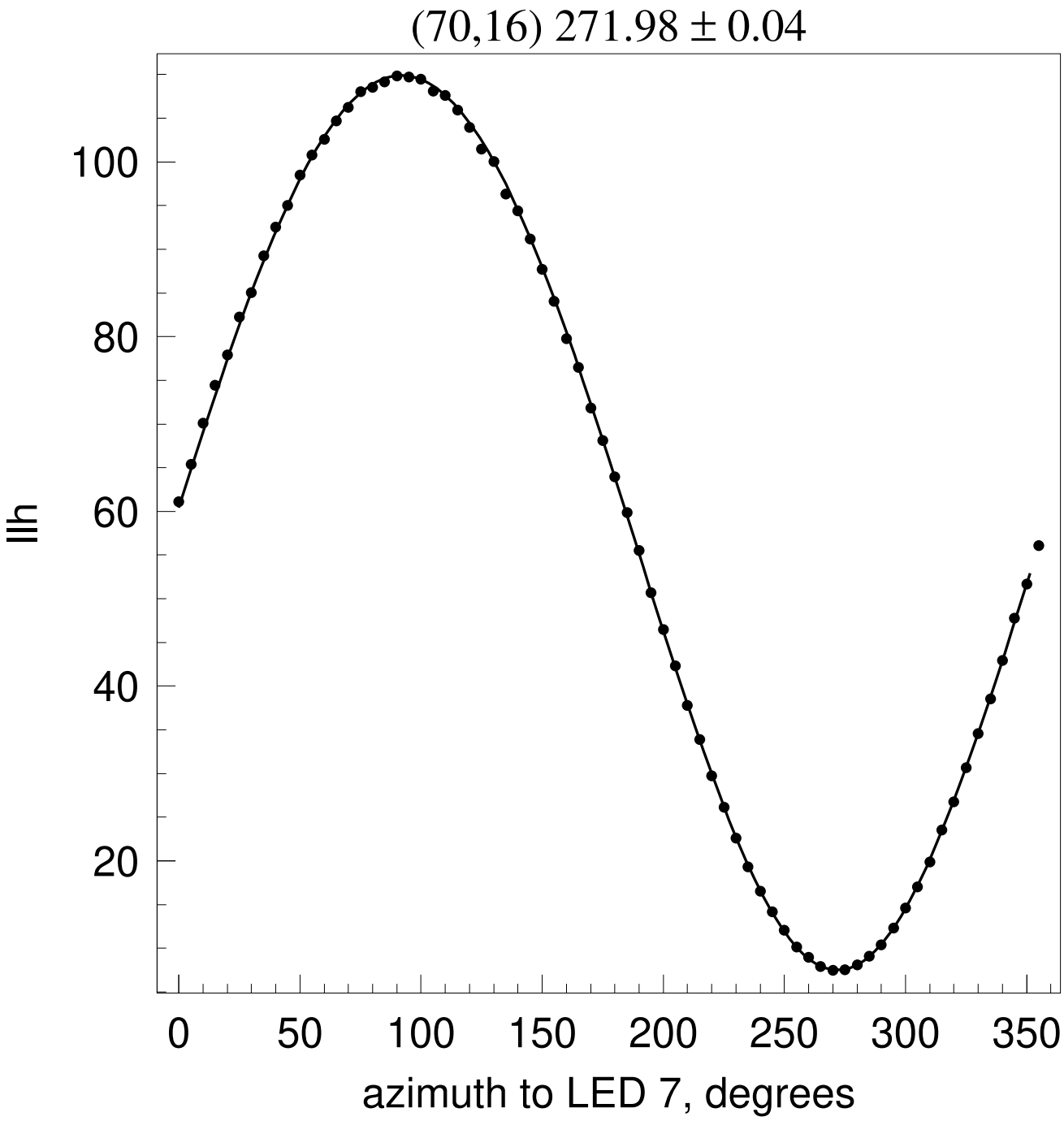

(70,11) 111.50 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

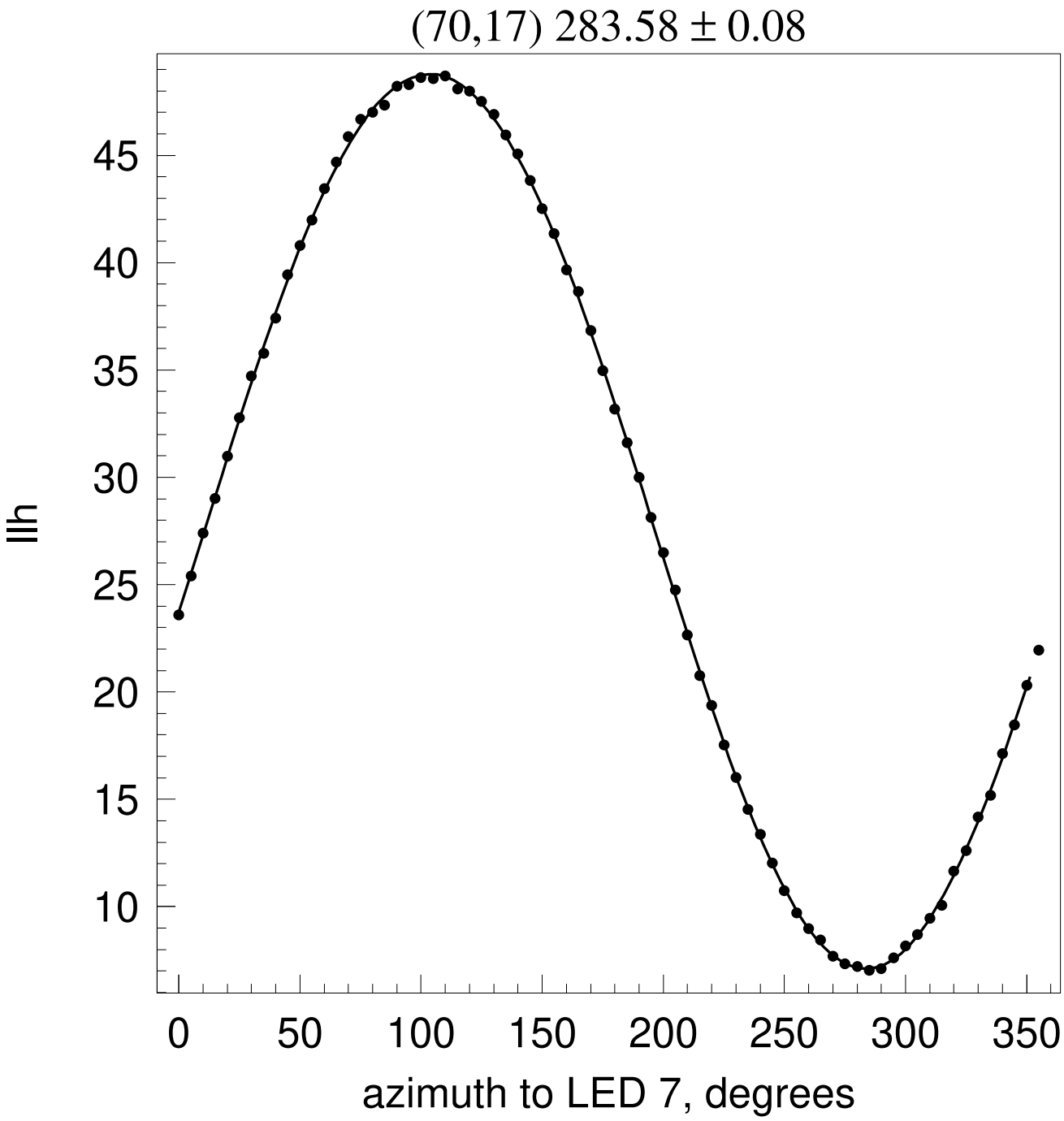

(70,12) 35.12 ± 0.05
llh
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

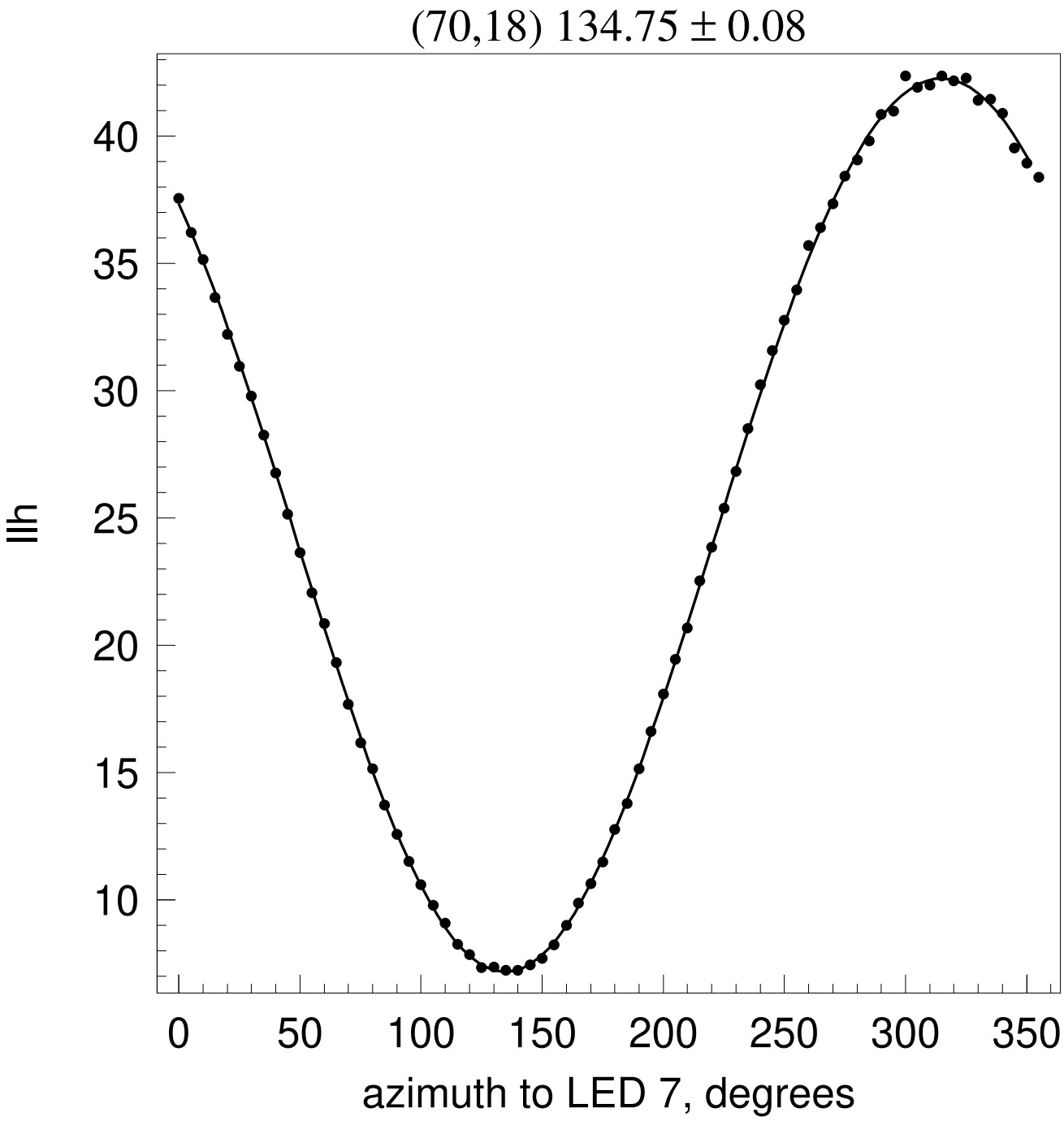

(70,13) 198.92 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

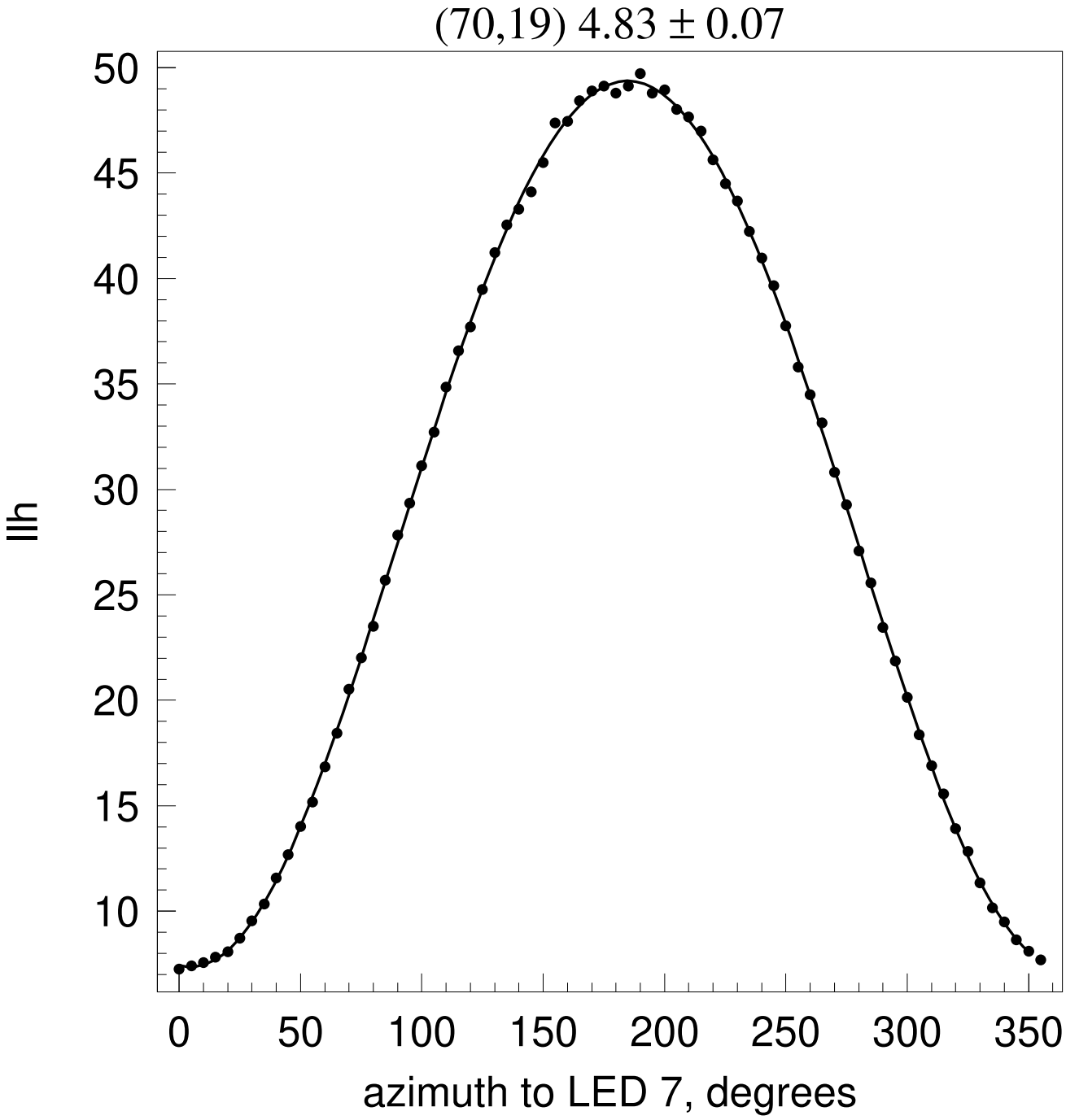

(70,14) 159.32 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

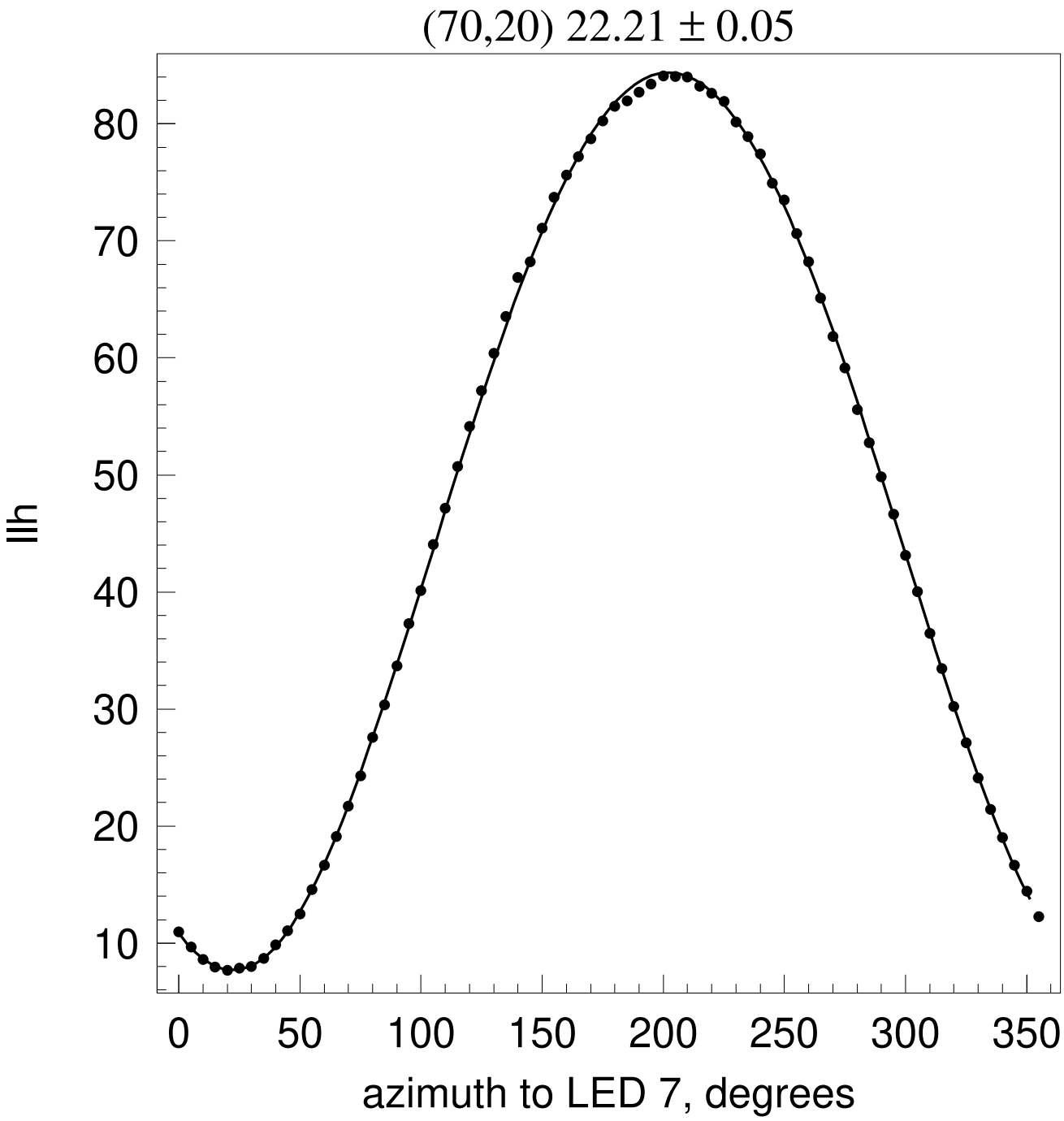

(70,15) 38.89 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

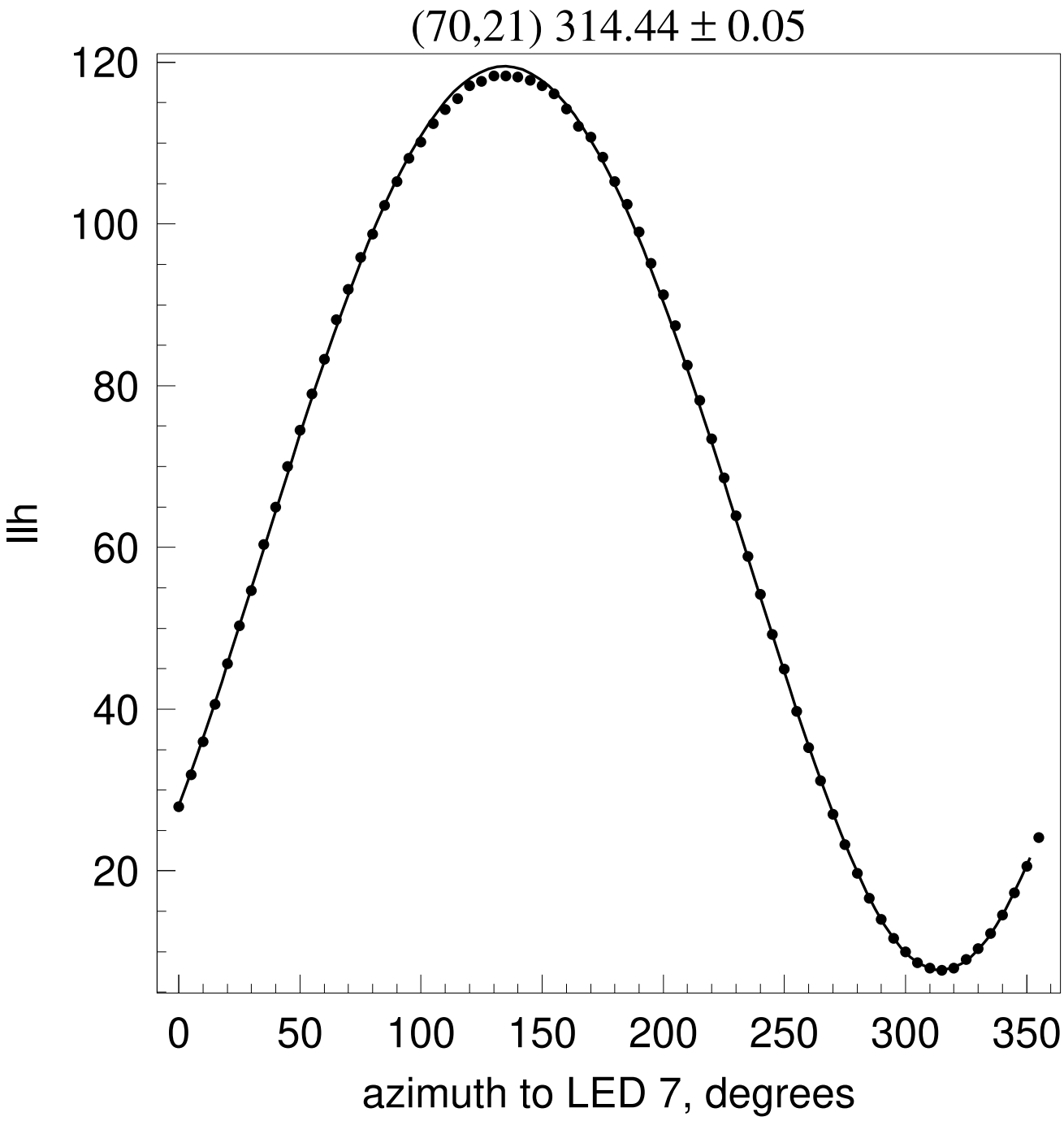

(70,16) 271.98 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

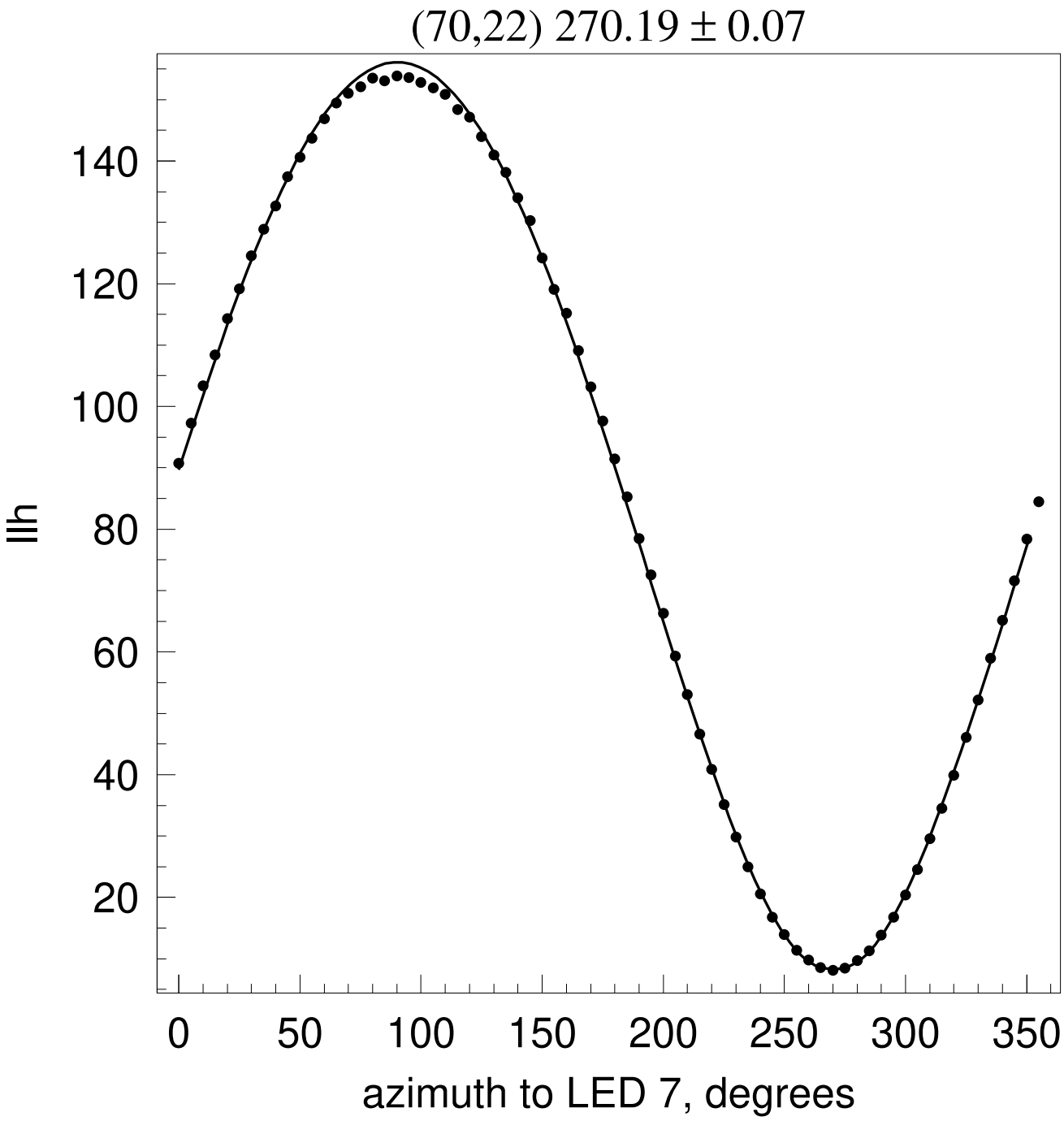

(70,17) 283.58 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

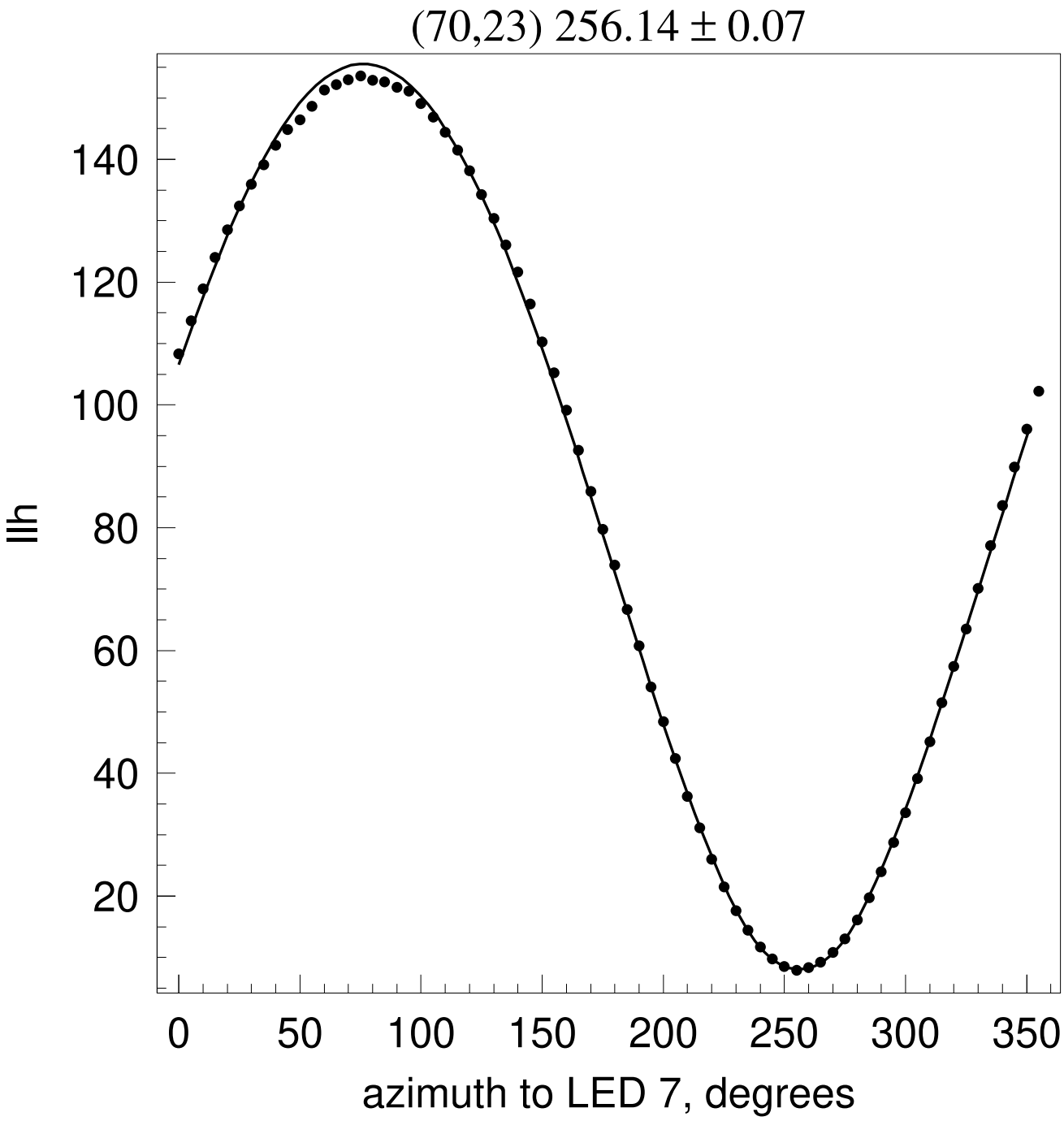

(70,18) 134.75 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

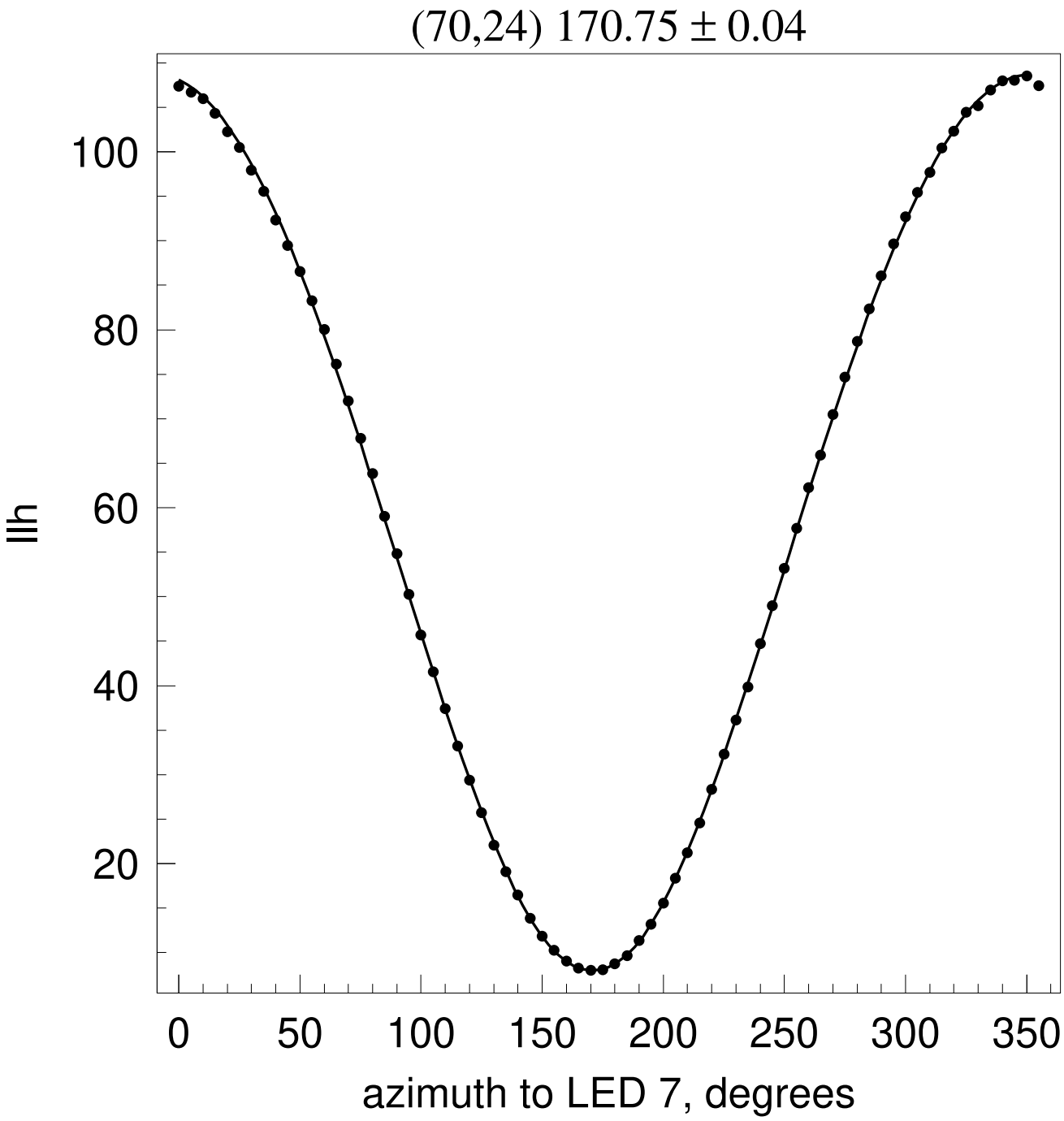

(70,19) 4.83 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

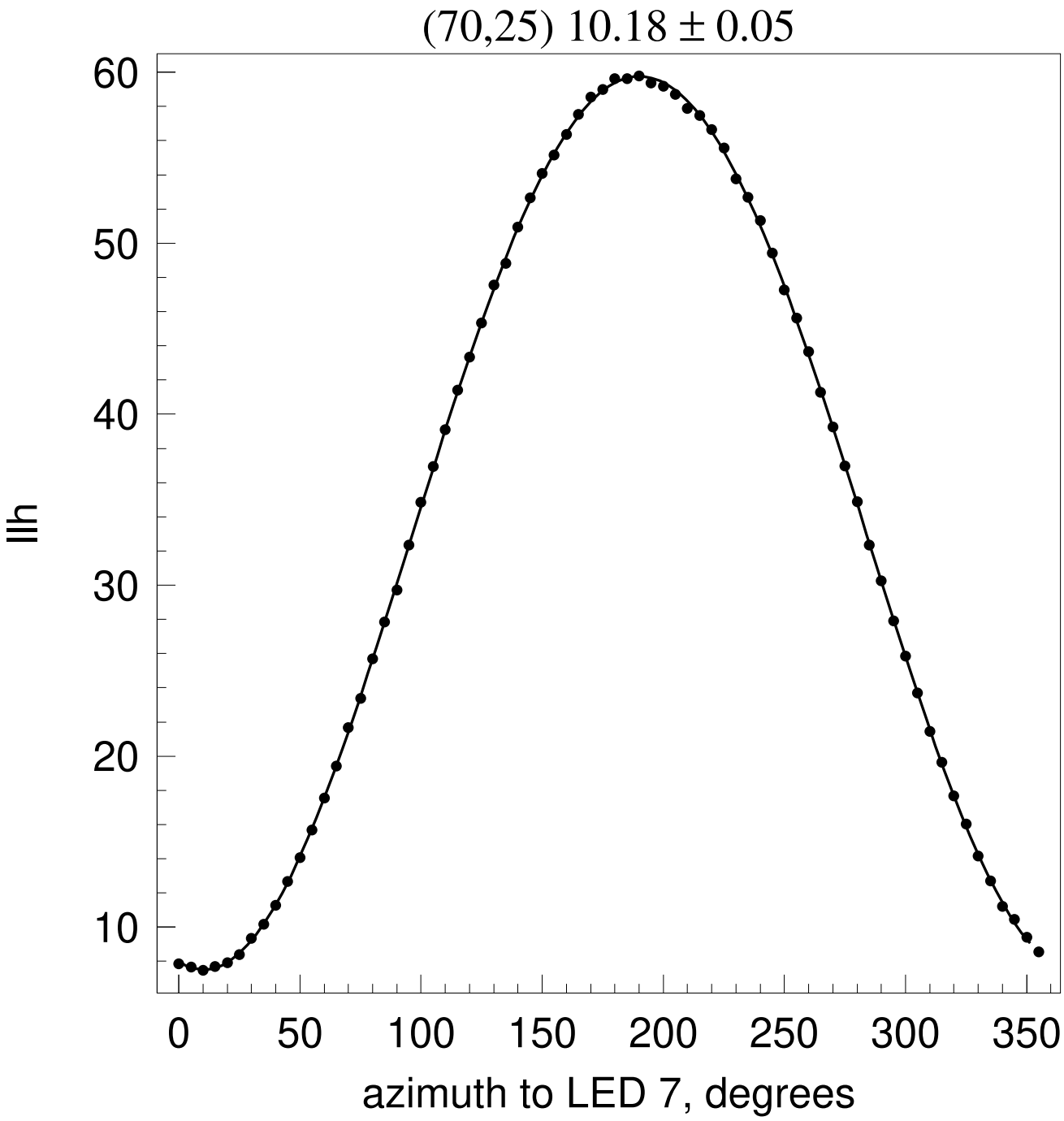

(70,20) 22.21 ± 0.05
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

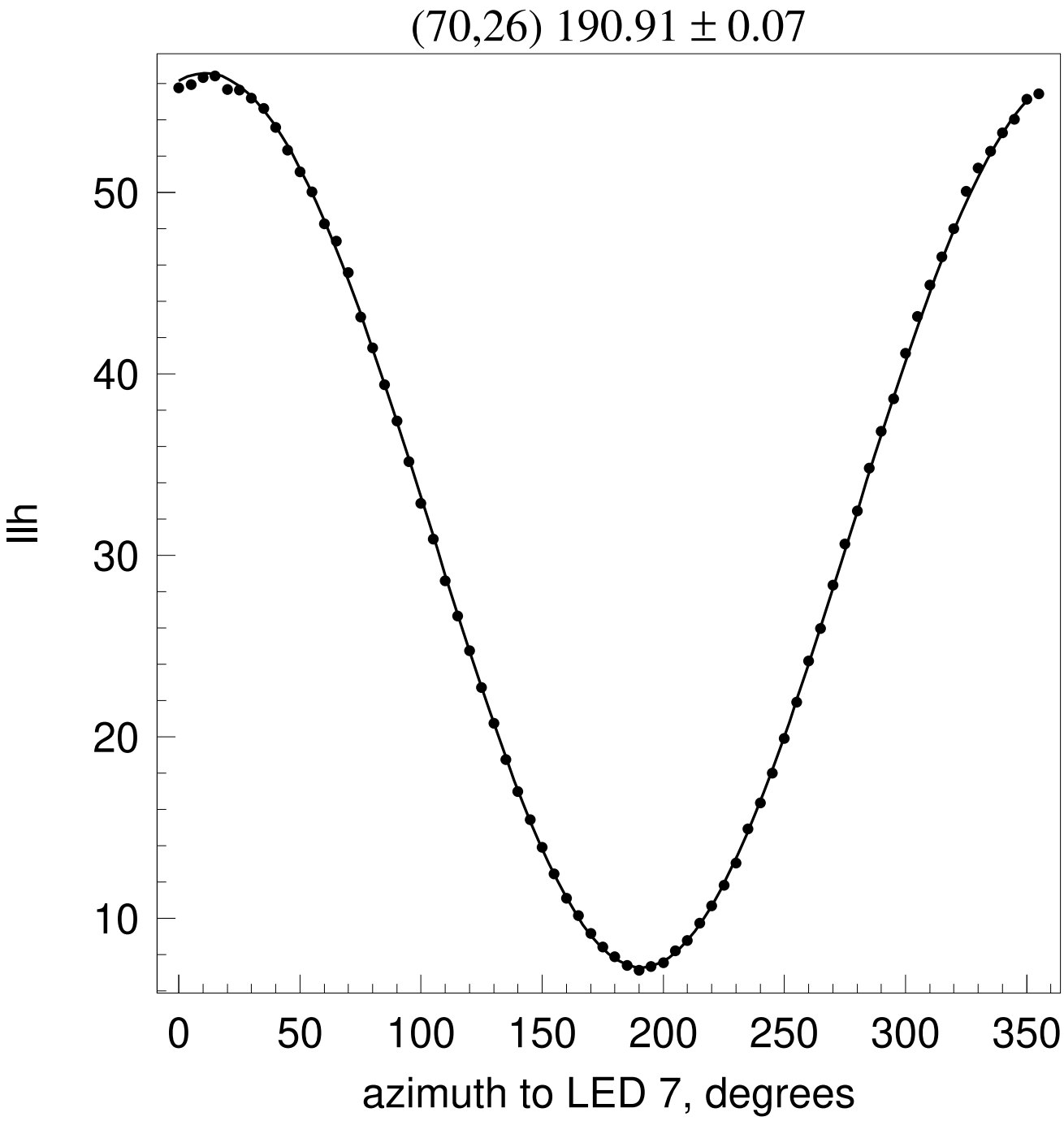

(70,21) 314.44 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

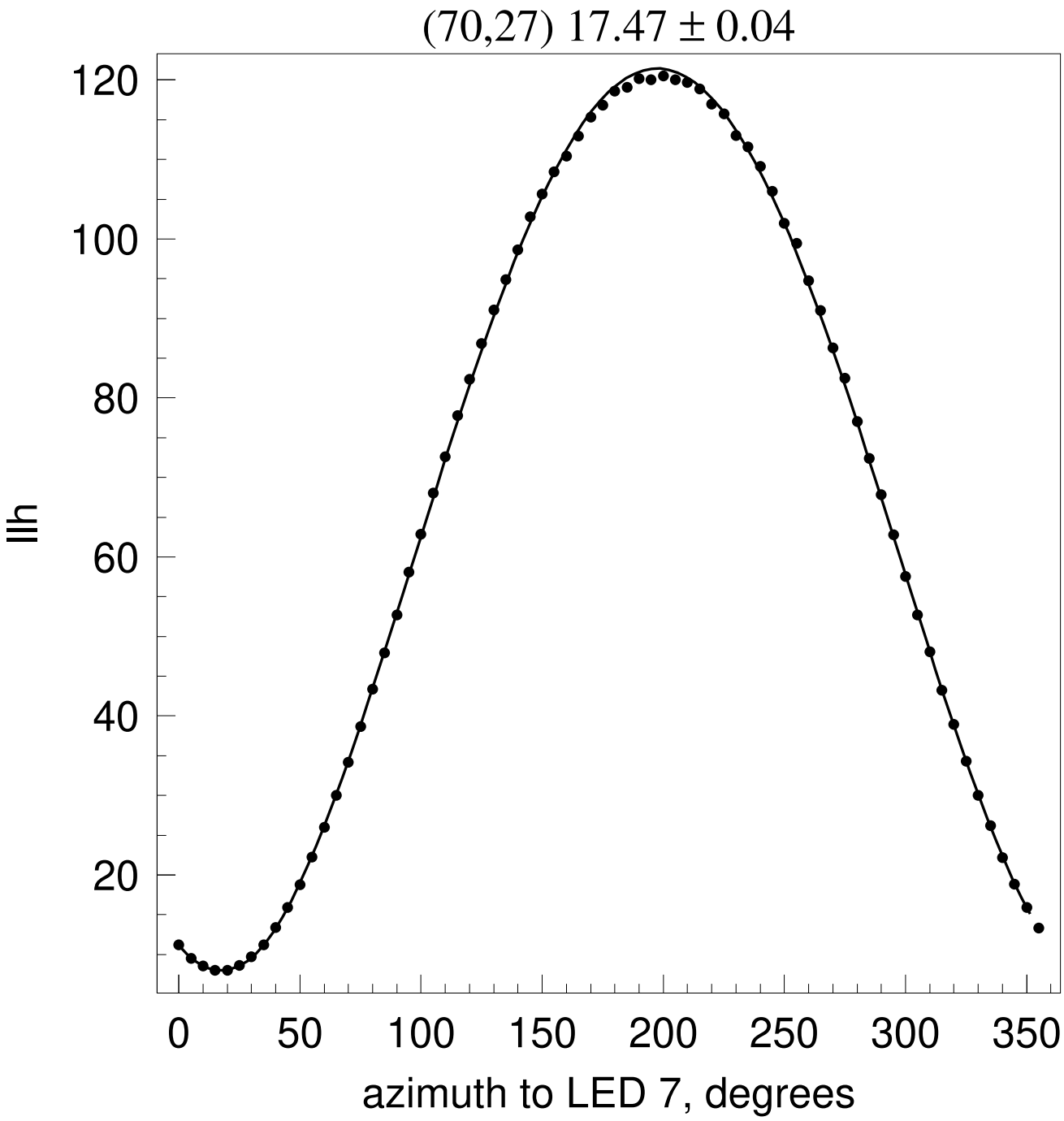

(70,22) 270.19 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

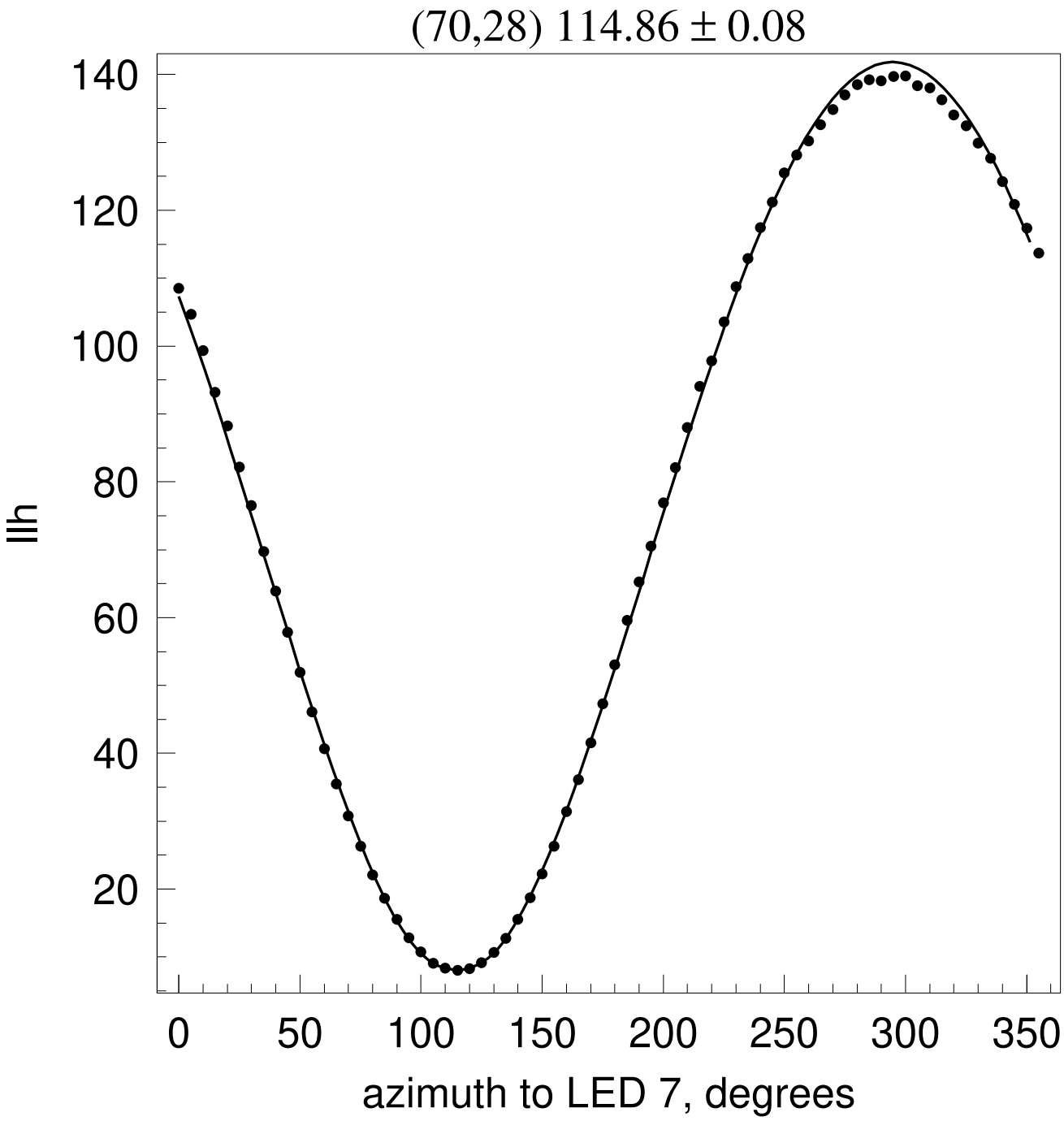

(70,23) 256.14 ± 0.07
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

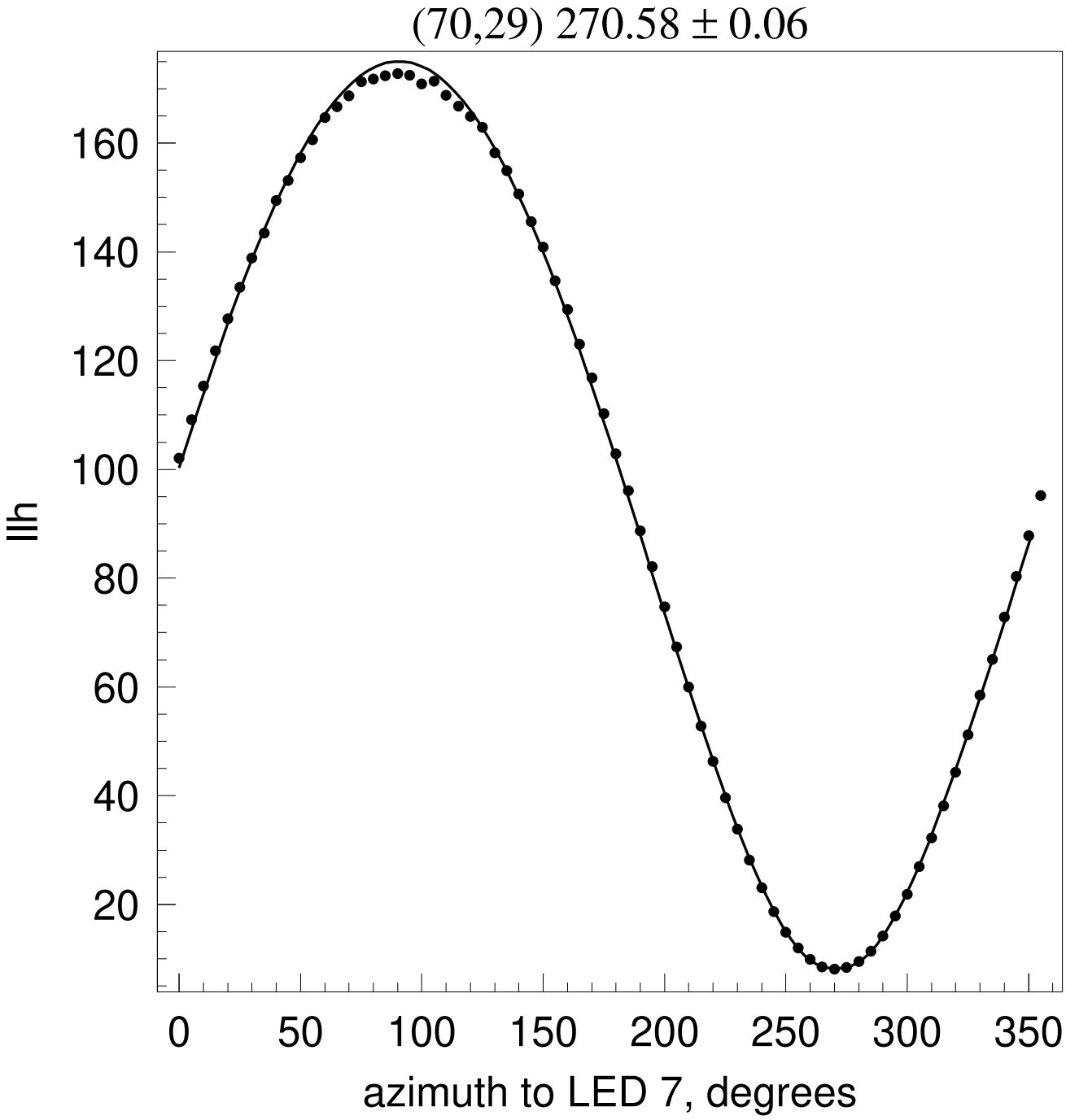

(70,24) 170.75 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

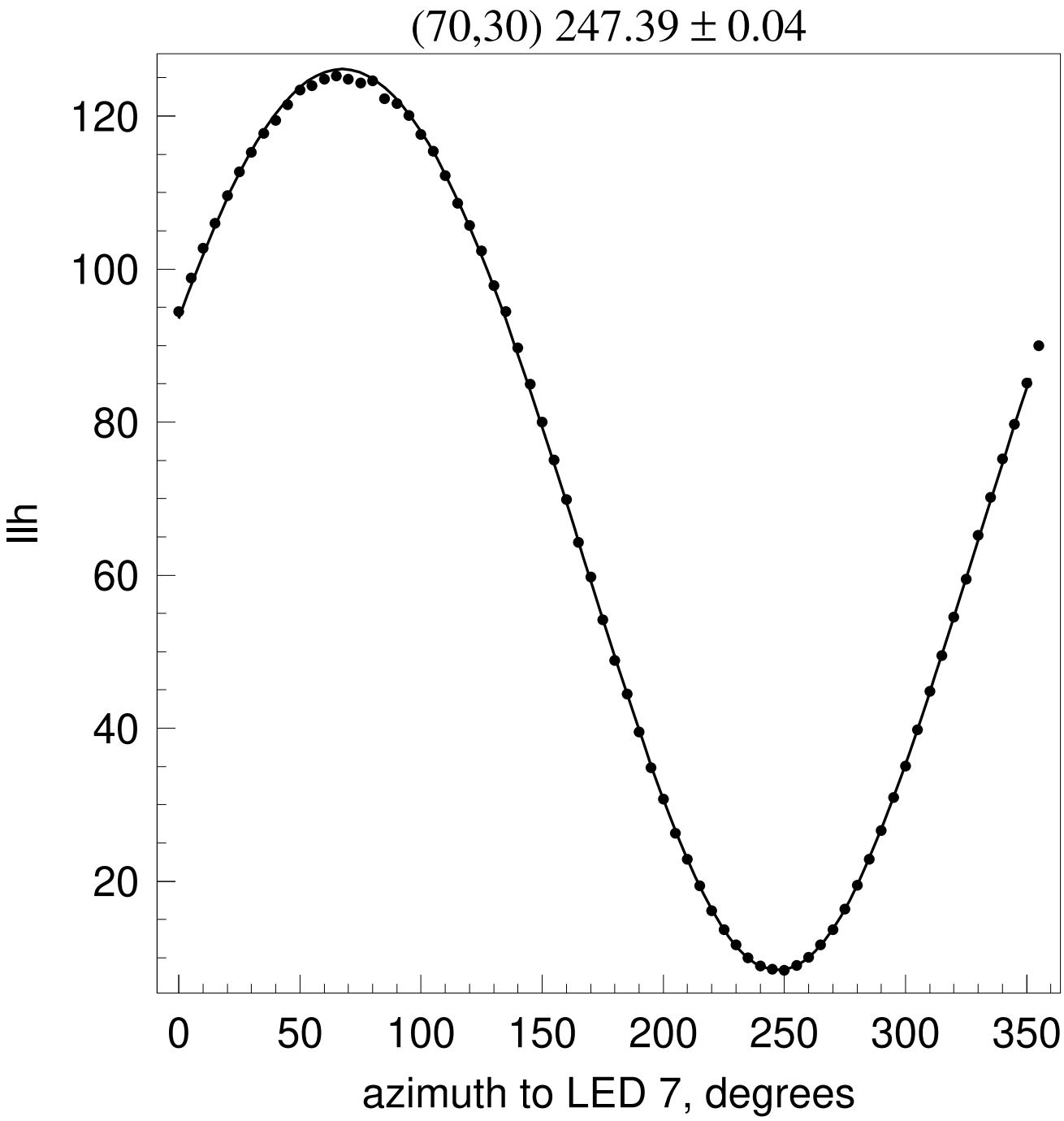

(70,25) 10.18 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

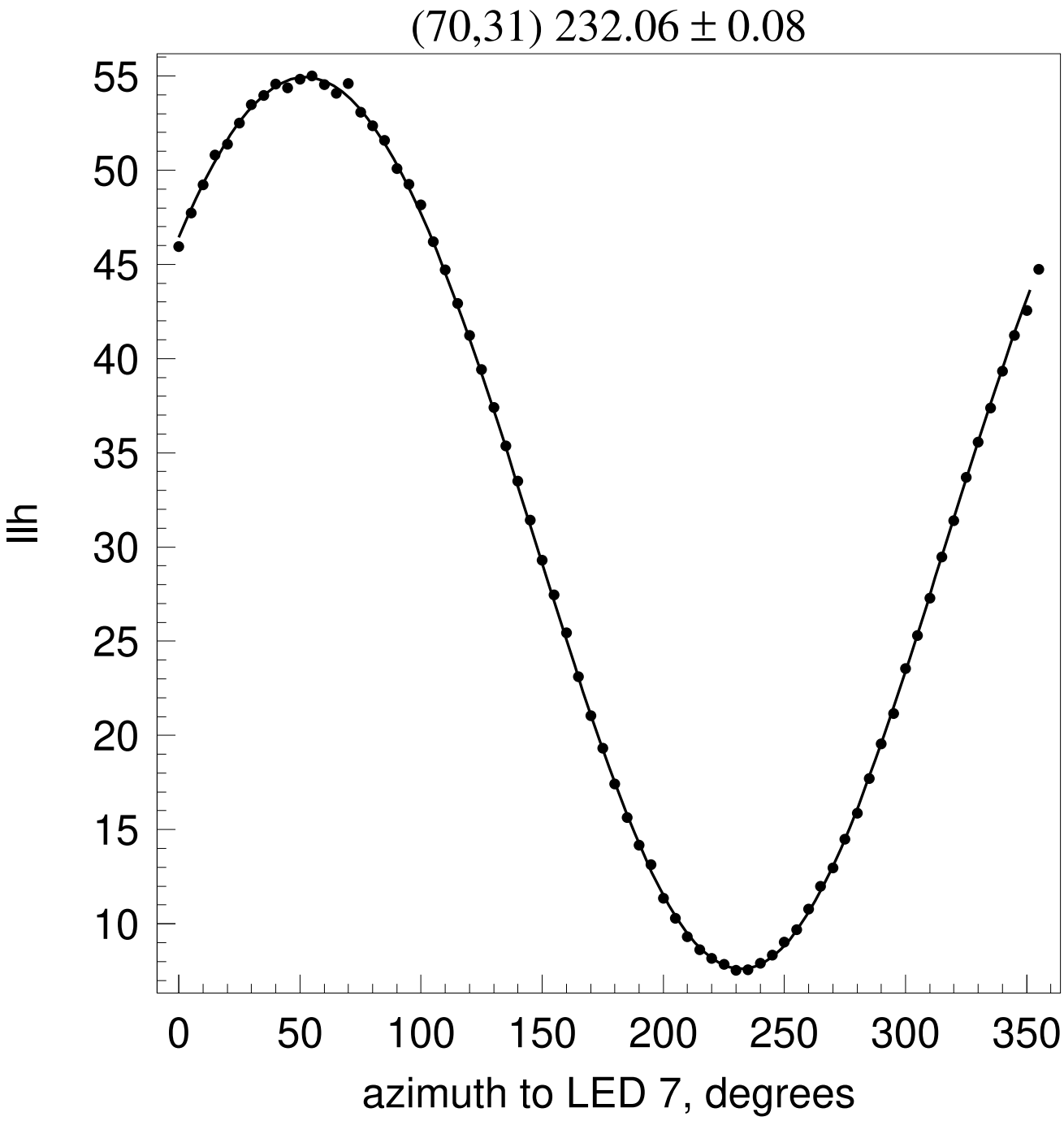

(70,26) 190.91 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

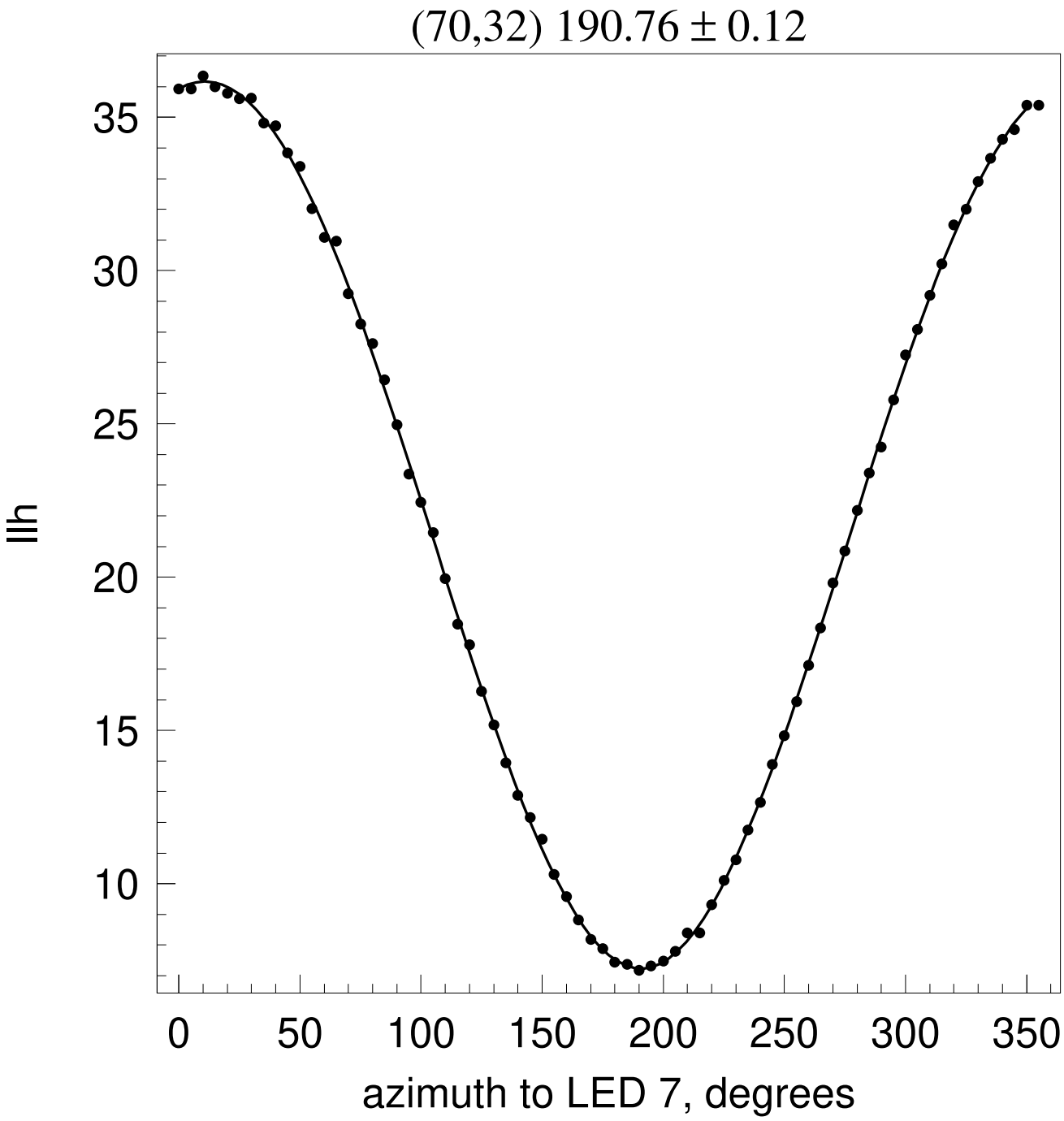

(70,27) 17.47 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

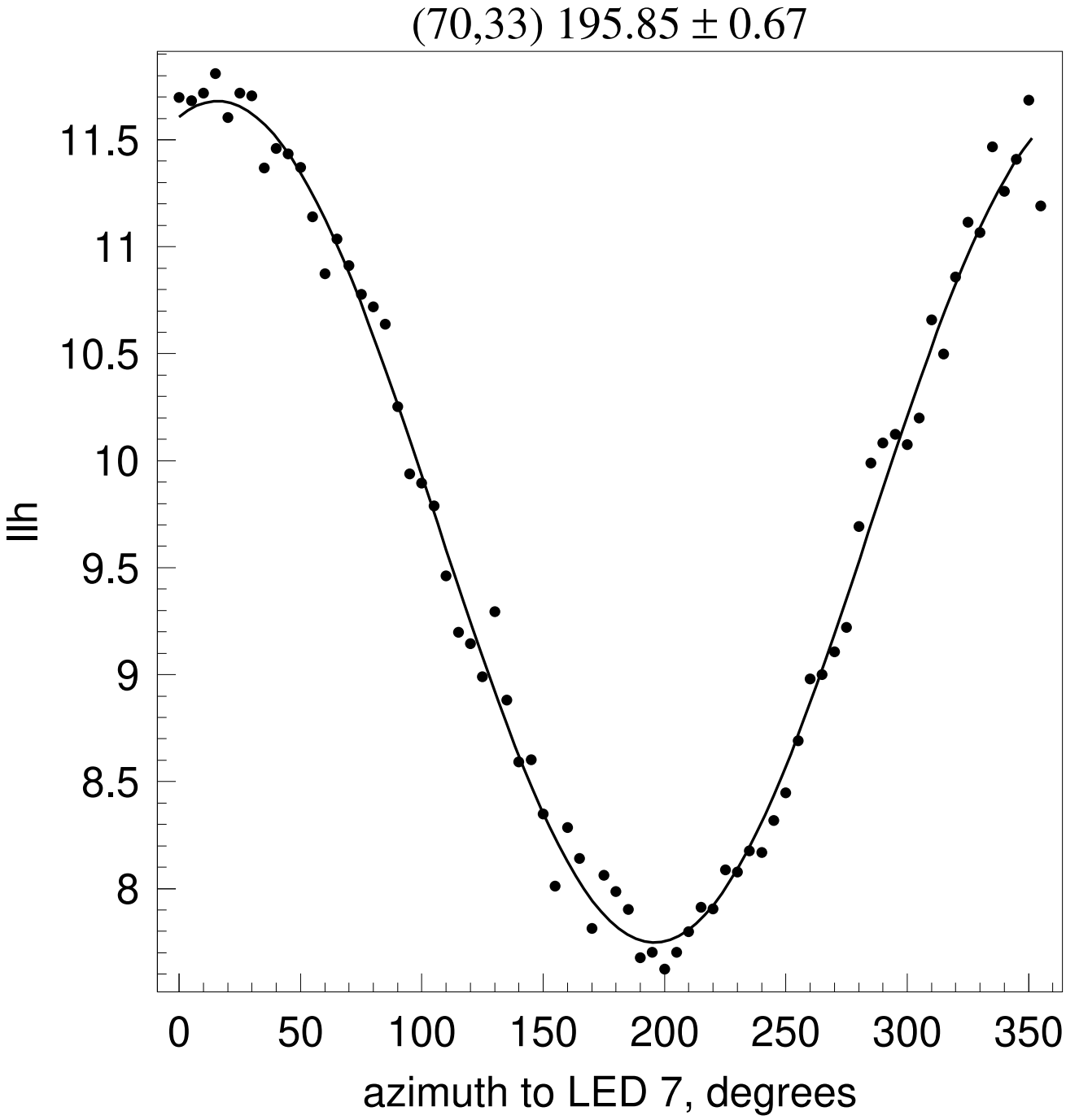

(70,28) 114.86 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

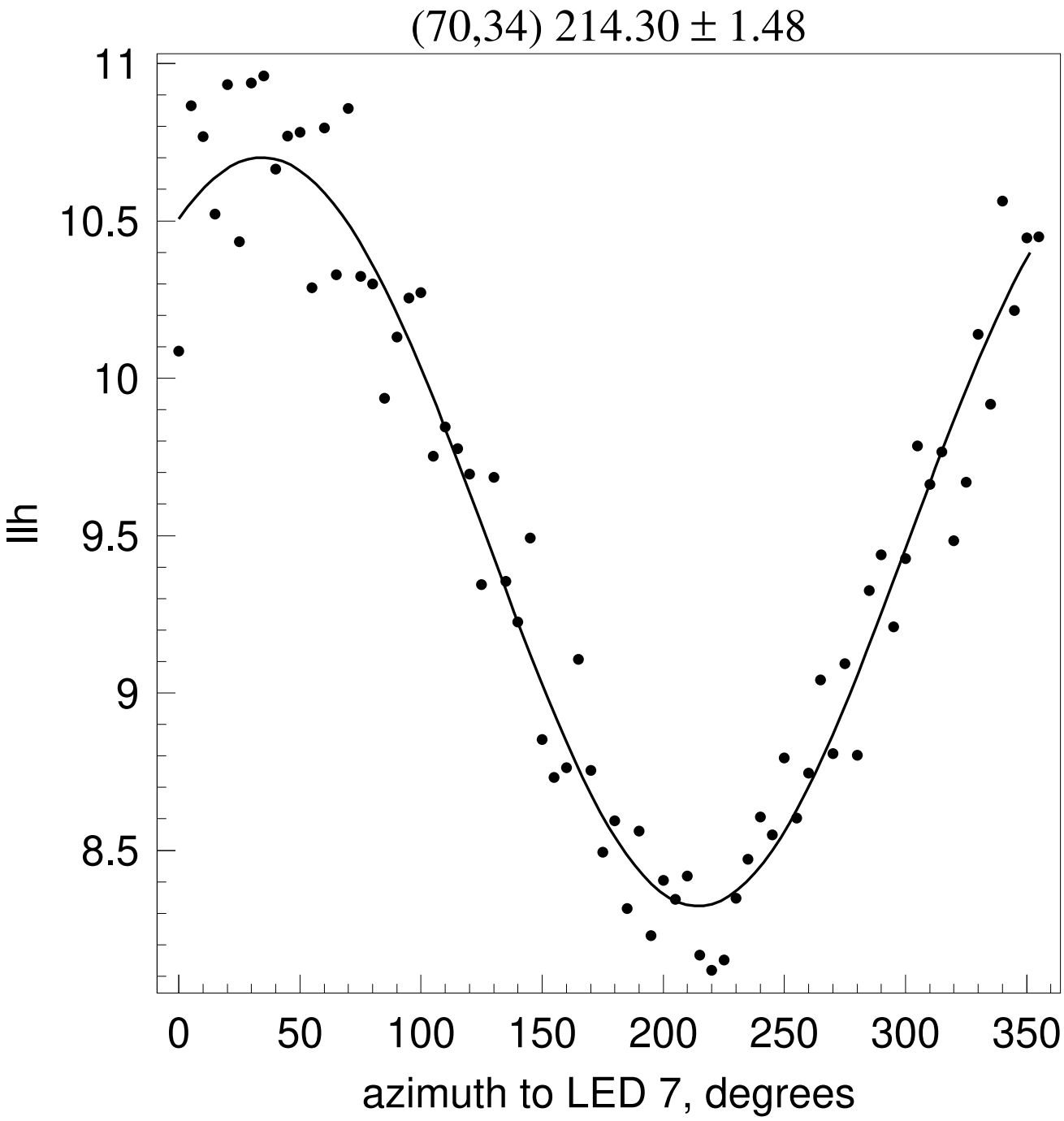

(70,29) 270.58 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

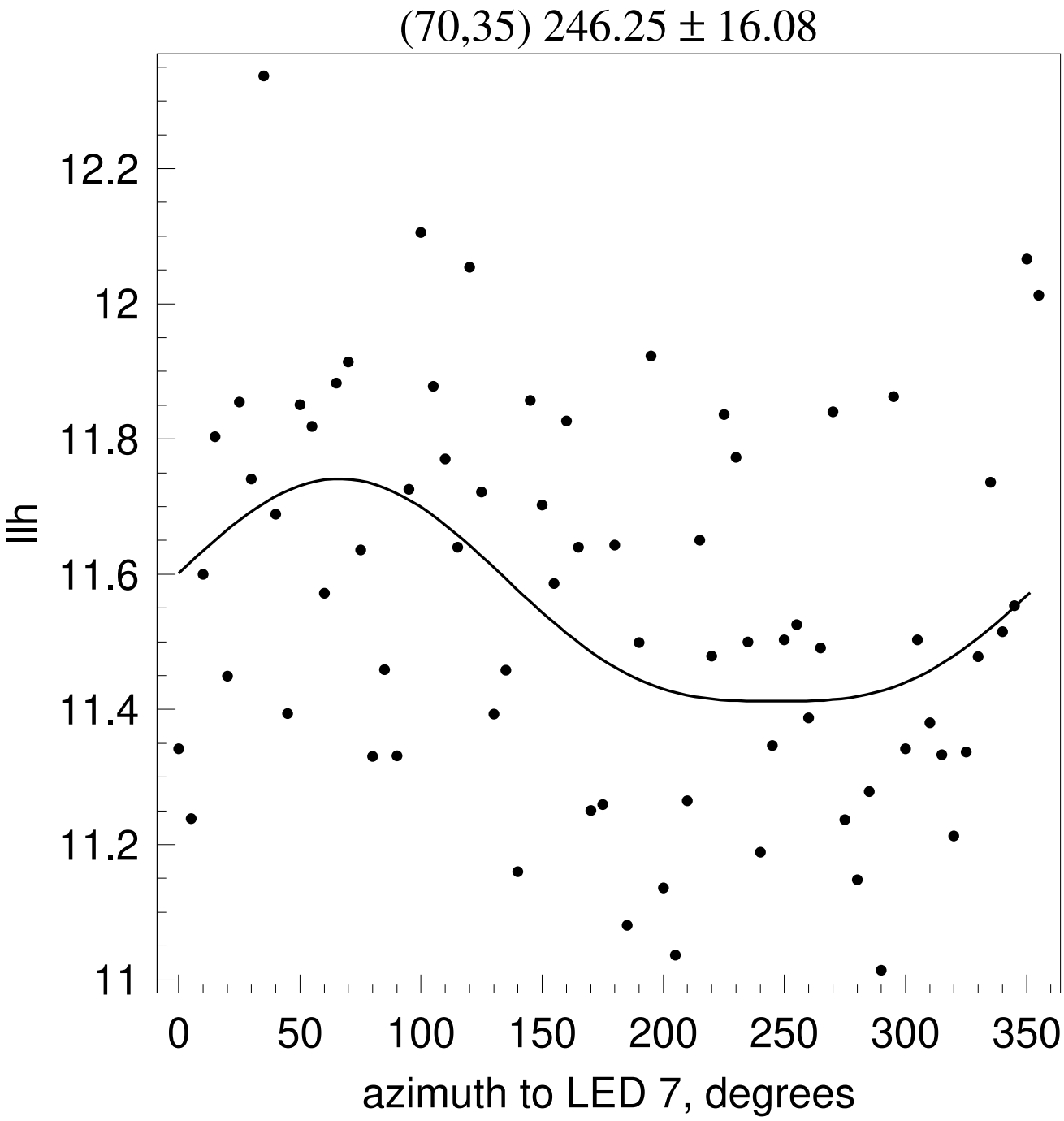

(70,30) 247.39 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

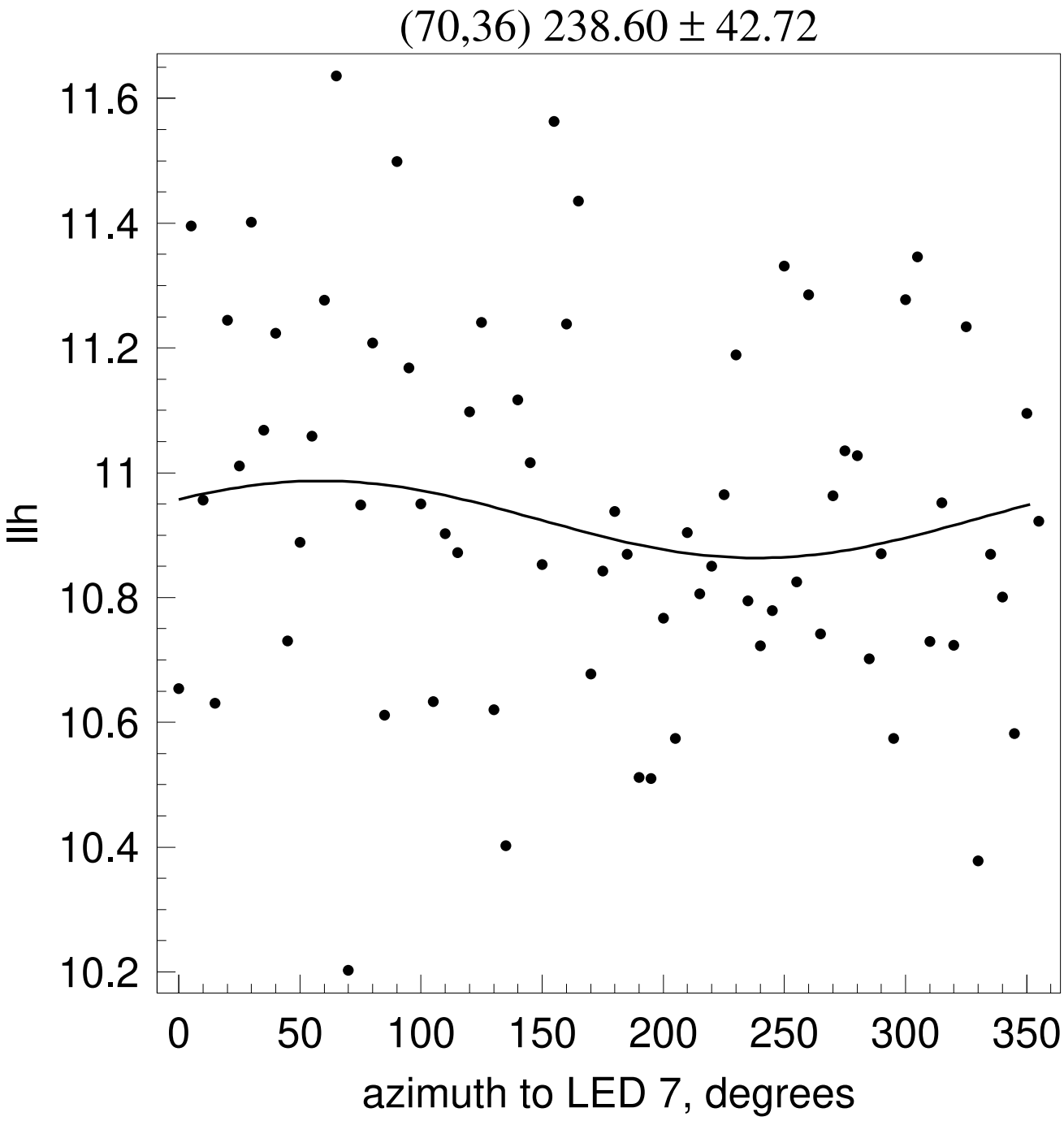

(70,31) 232.06 ± 0.08
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

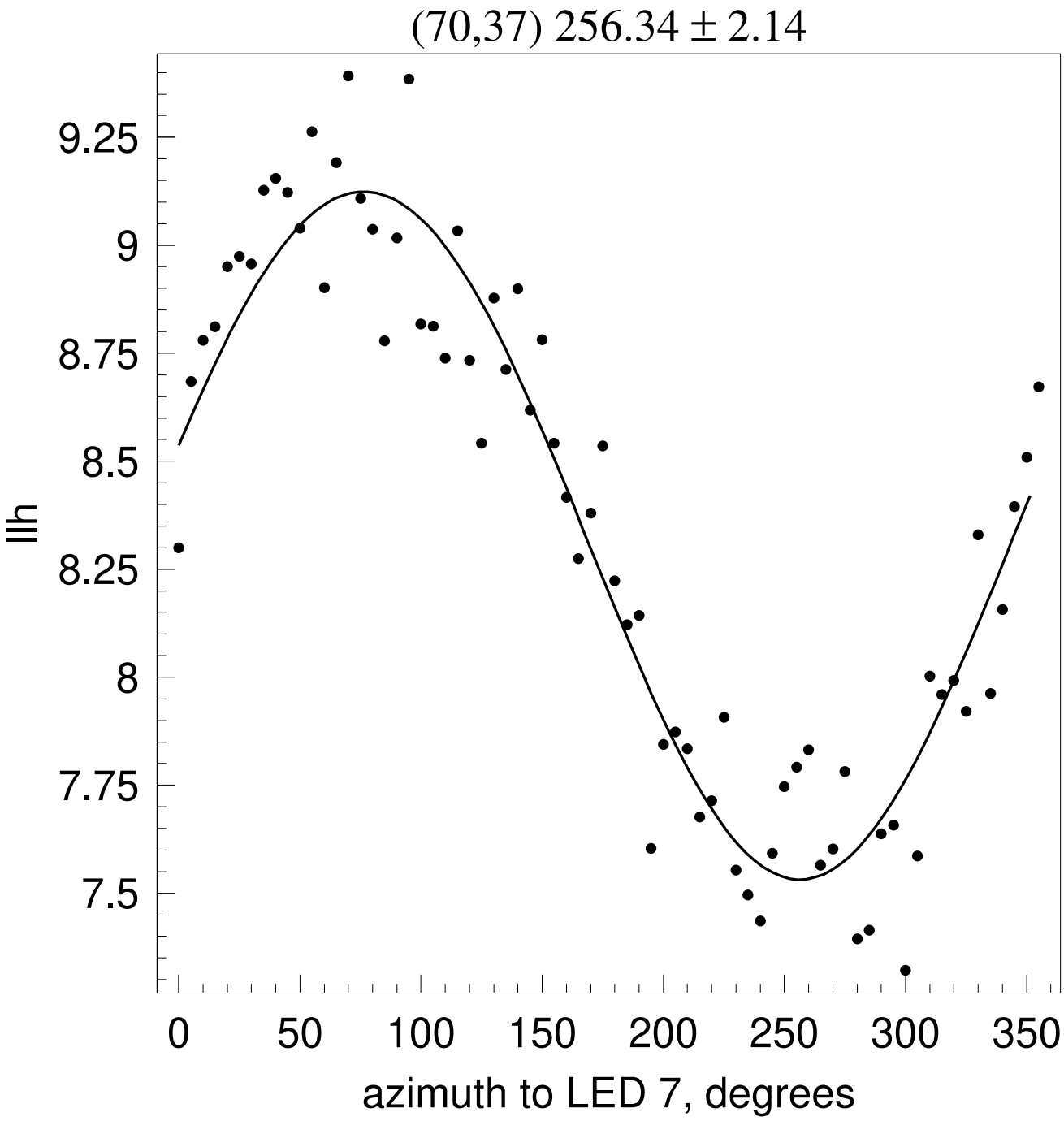

(70,32) 190.76 ± 0.12
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

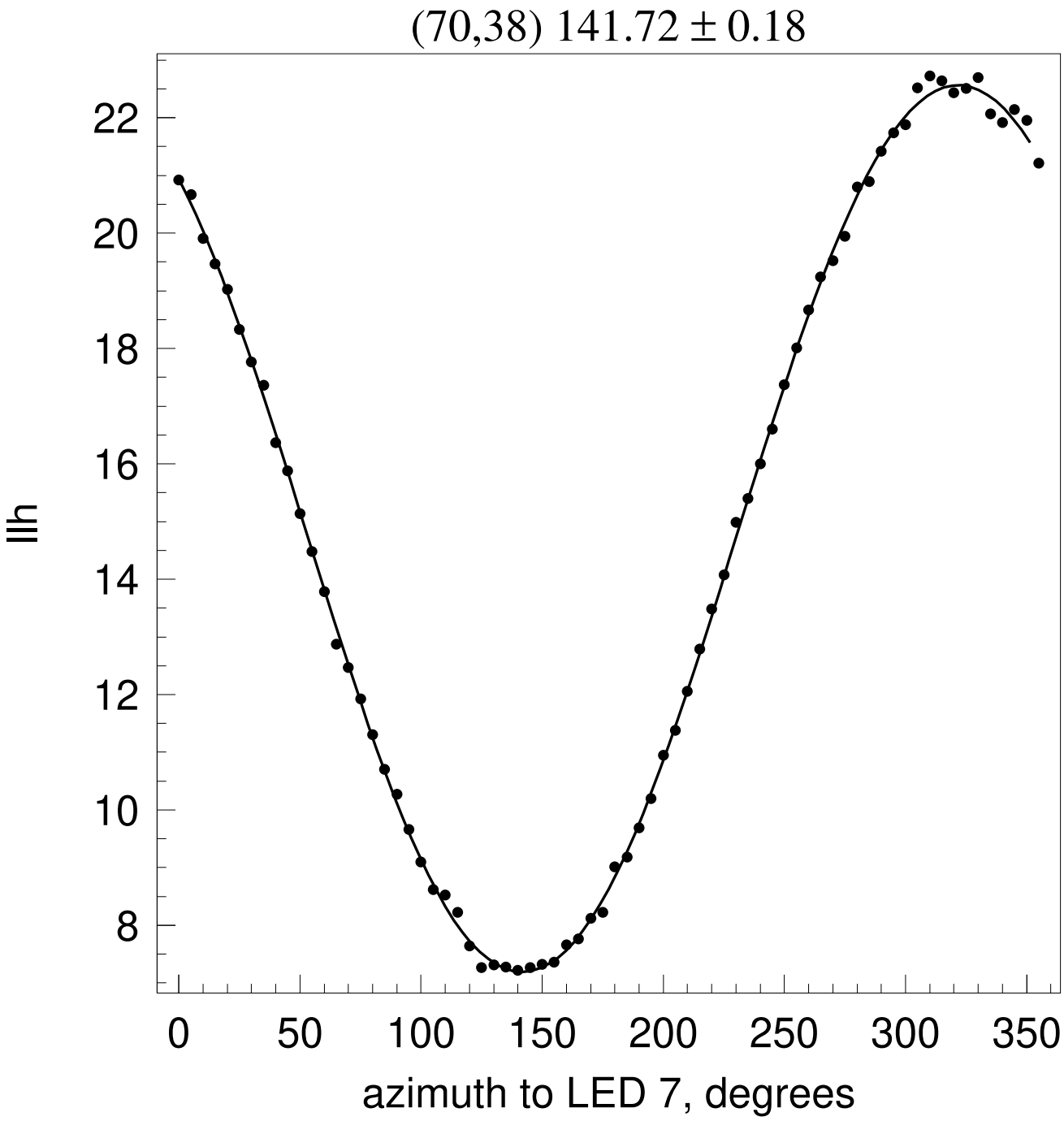

(70,33) 195.85 ± 0.67
11.5
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

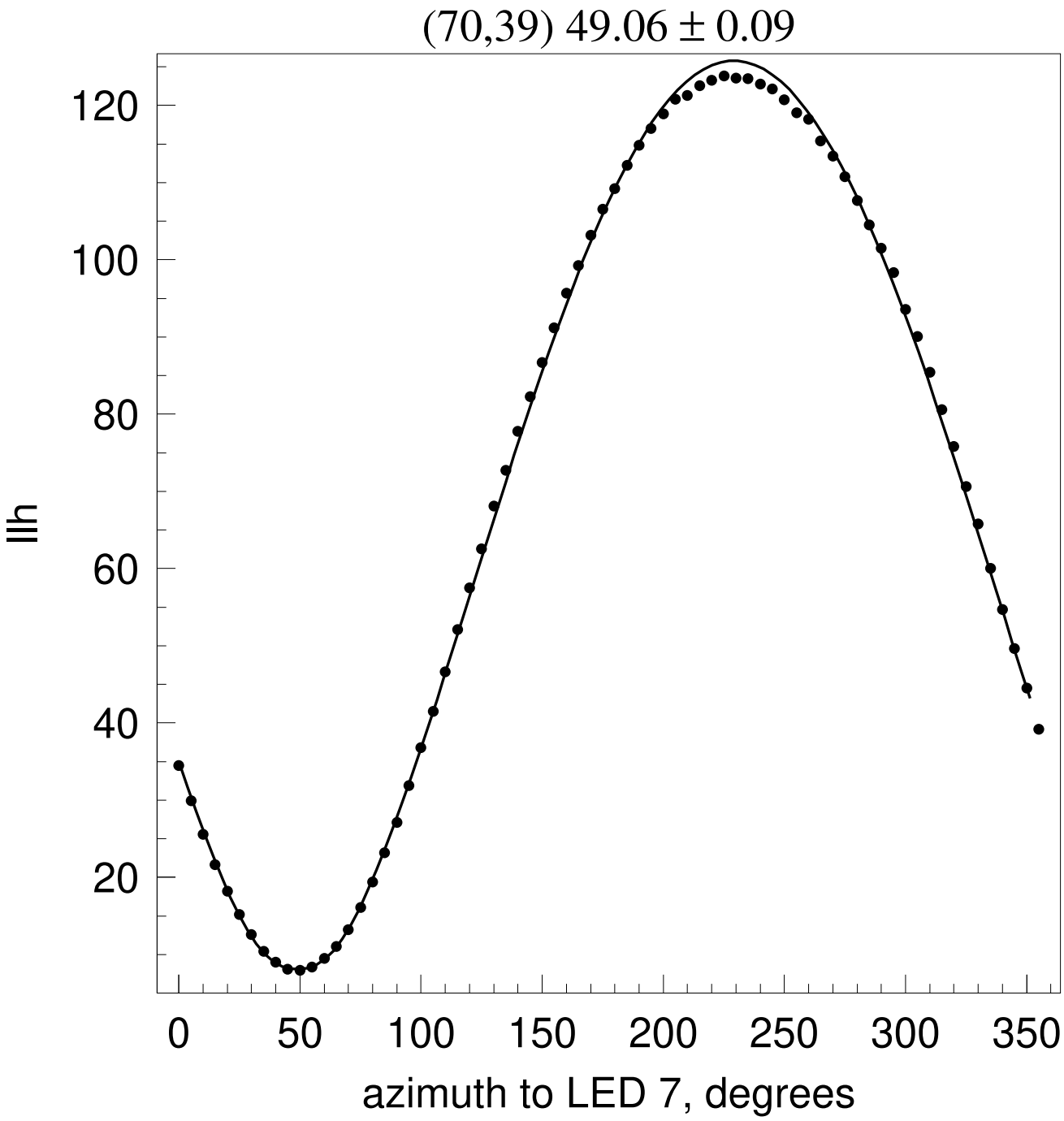

(70,34) 214.30 ± 1.48
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

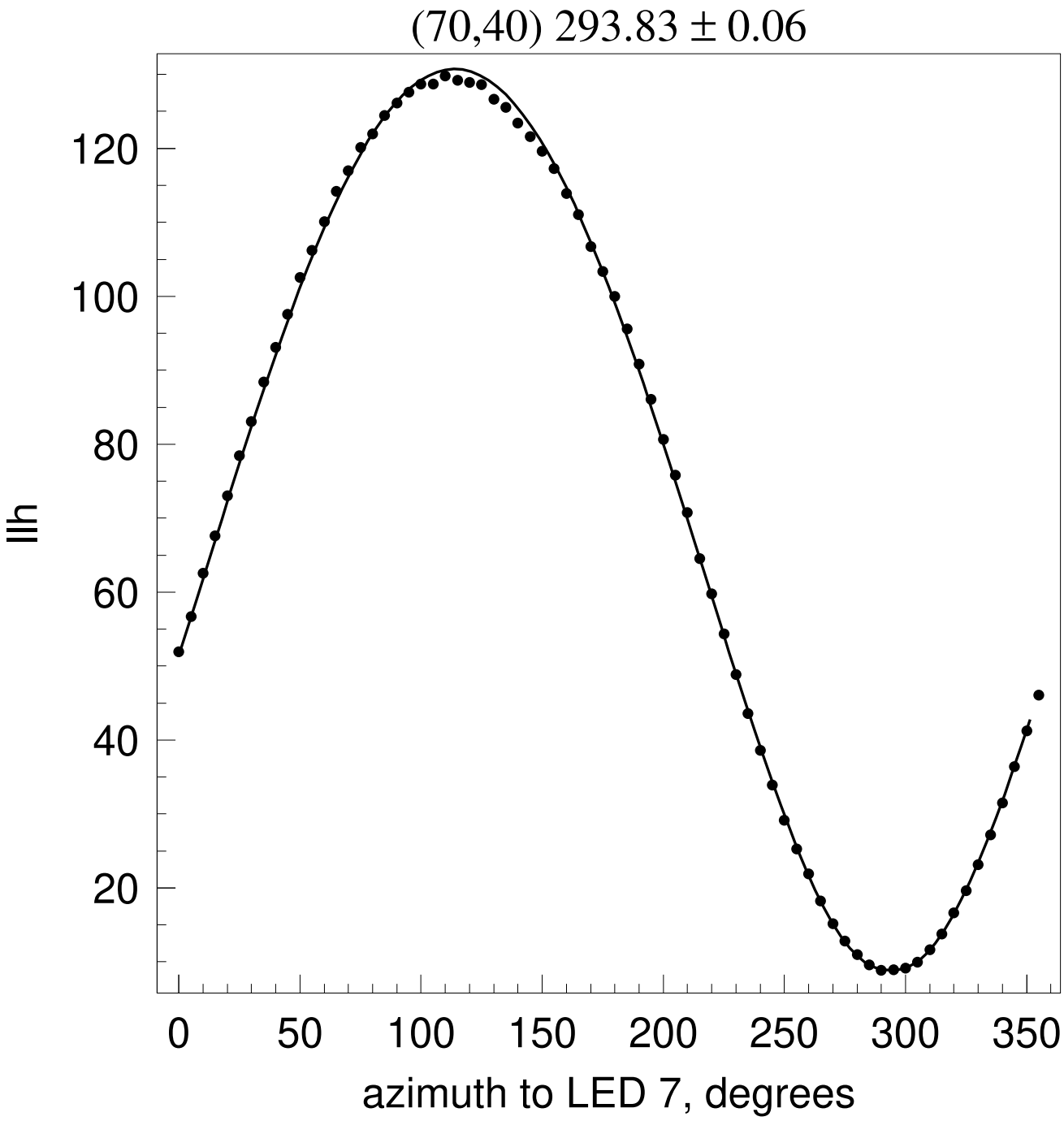

(70,35) 246.25 ± 16.08
12.2
12
11.8
11.6
11.4
11.2
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

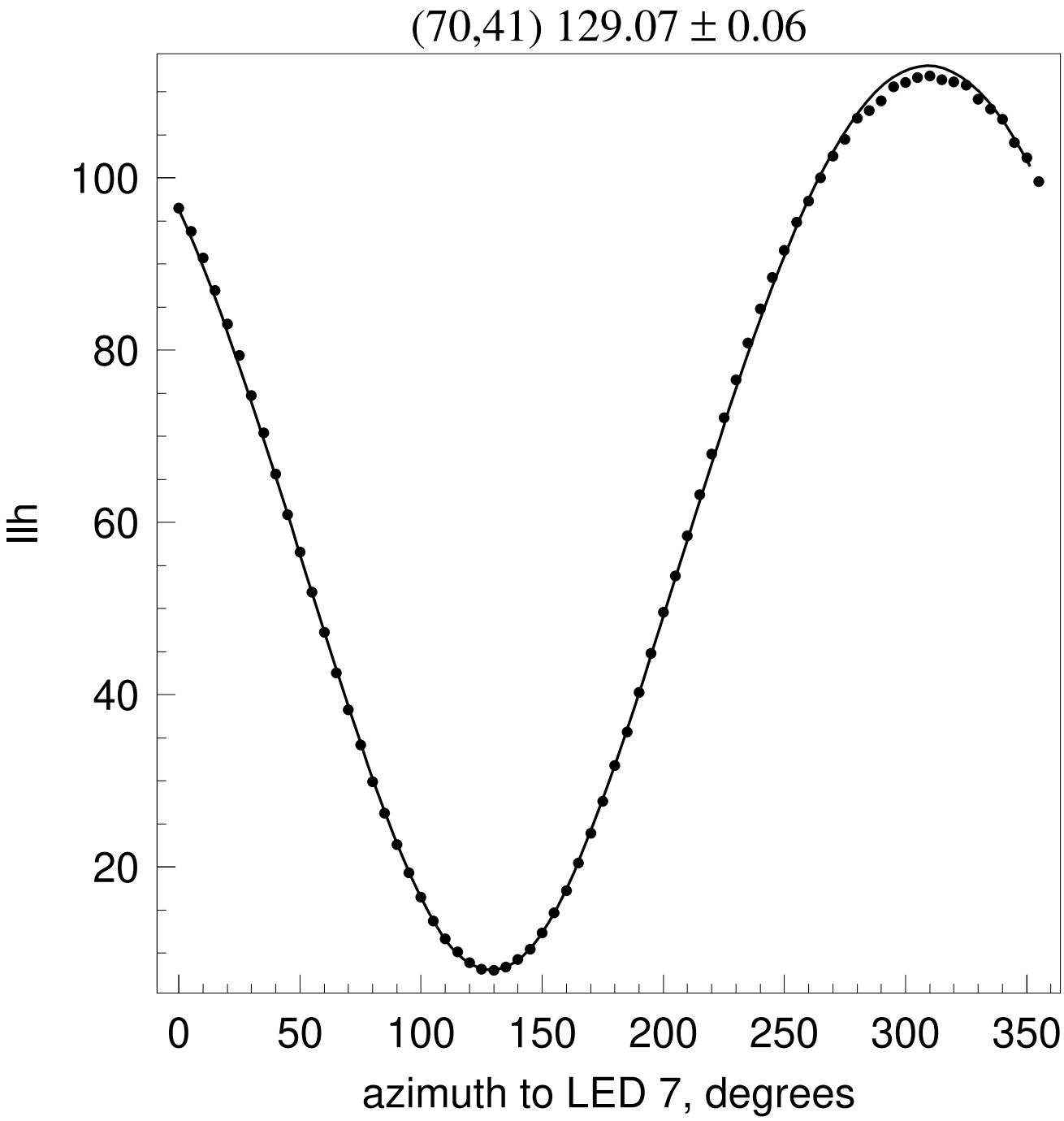

(70,36) 238.60 ± 42.72
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

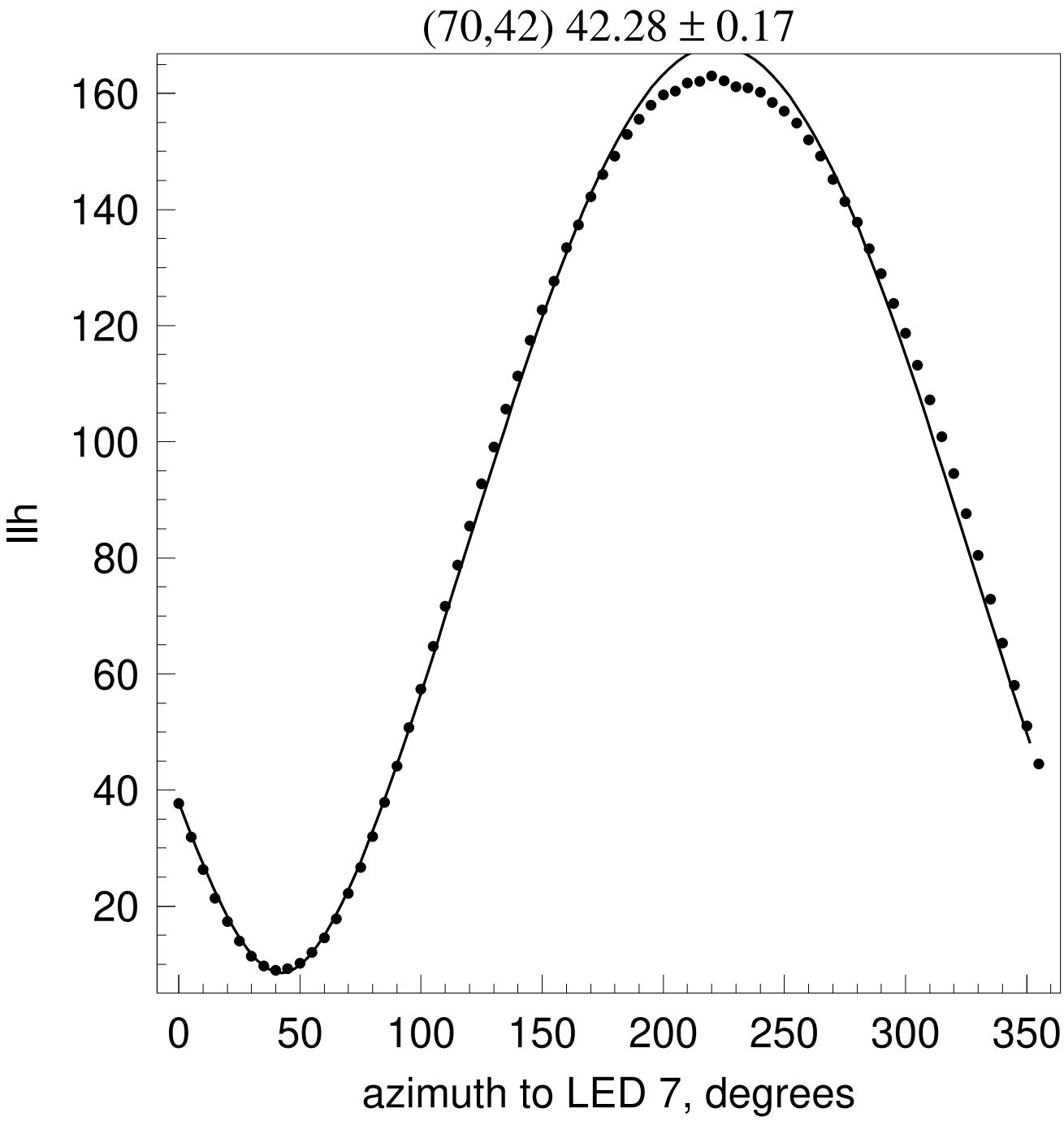

(70,37) 256.34 ± 2.14
9.25
9
8.75
8.5
8.25
8
7.75
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

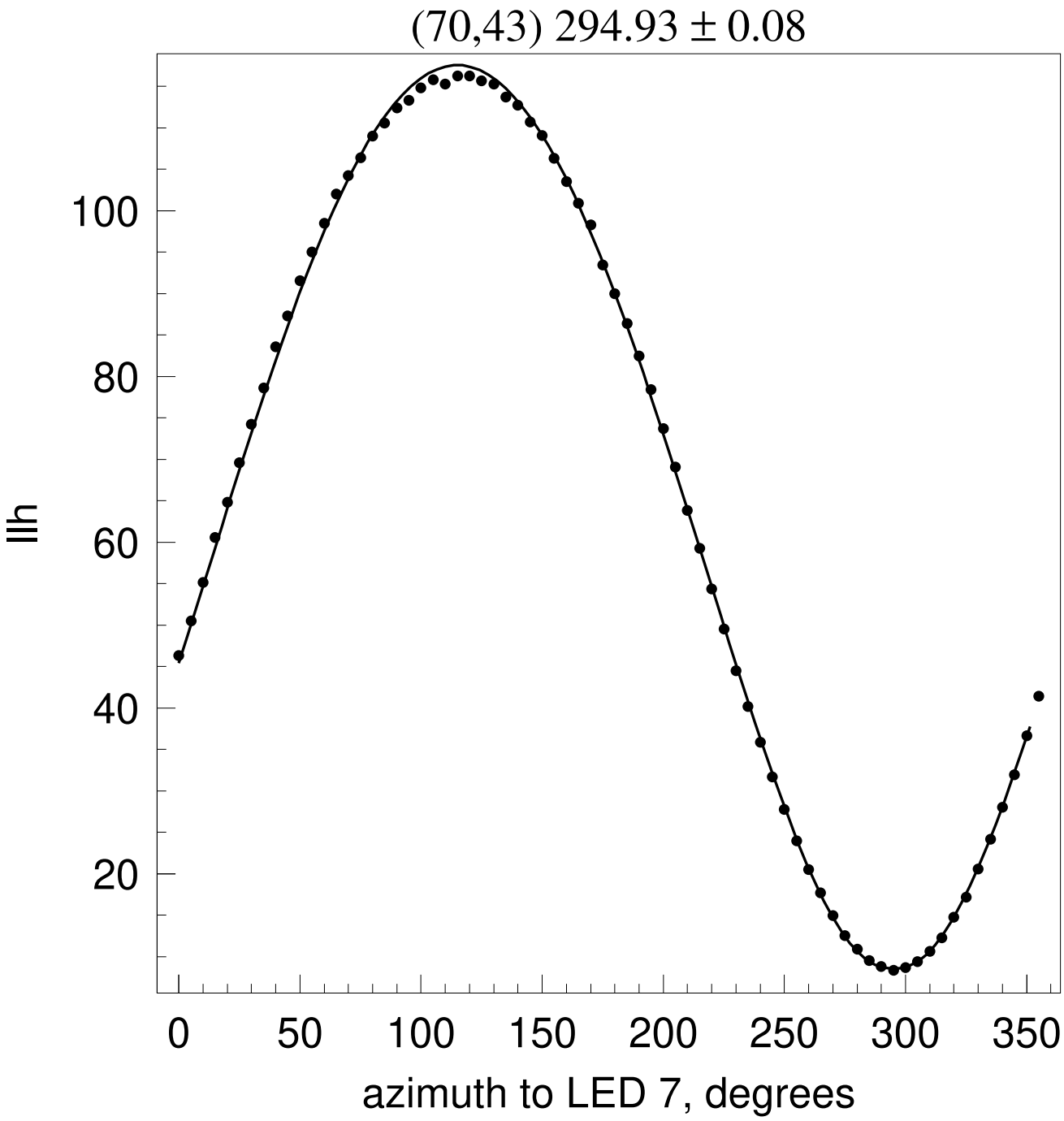

(70,38) 141.72 ± 0.18
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

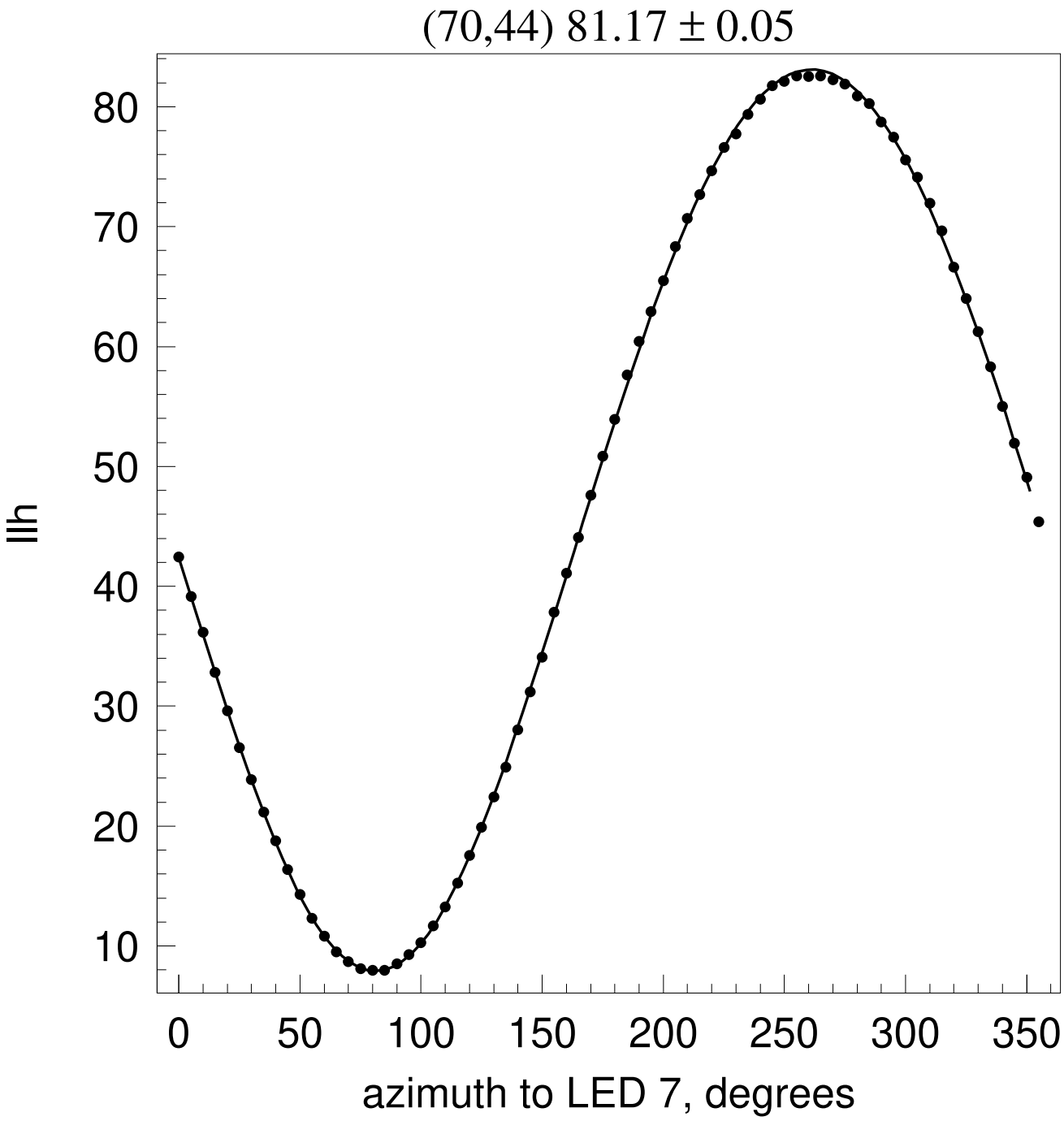

(70,39) 49.06 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

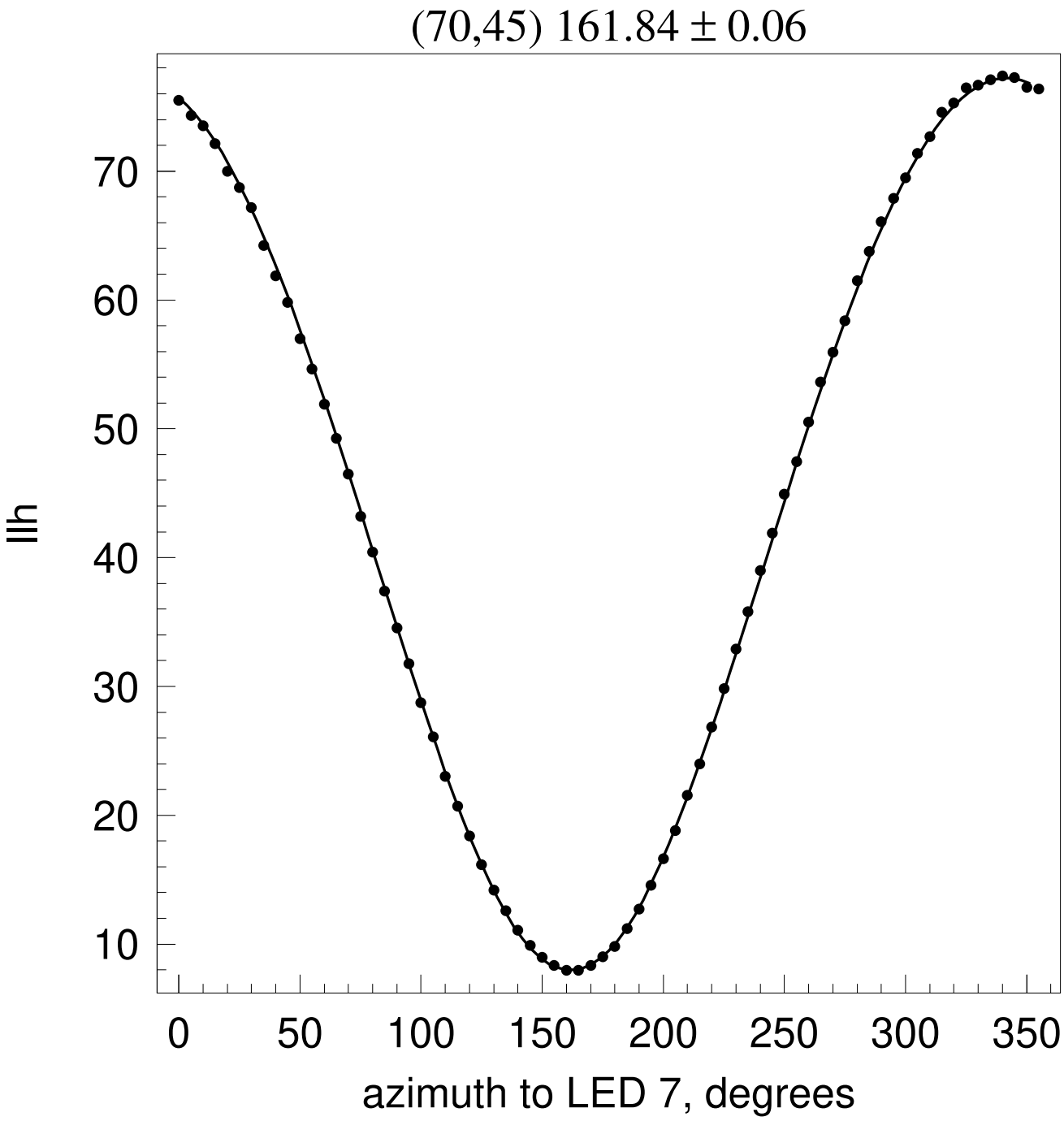

(70,40) 293.83 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

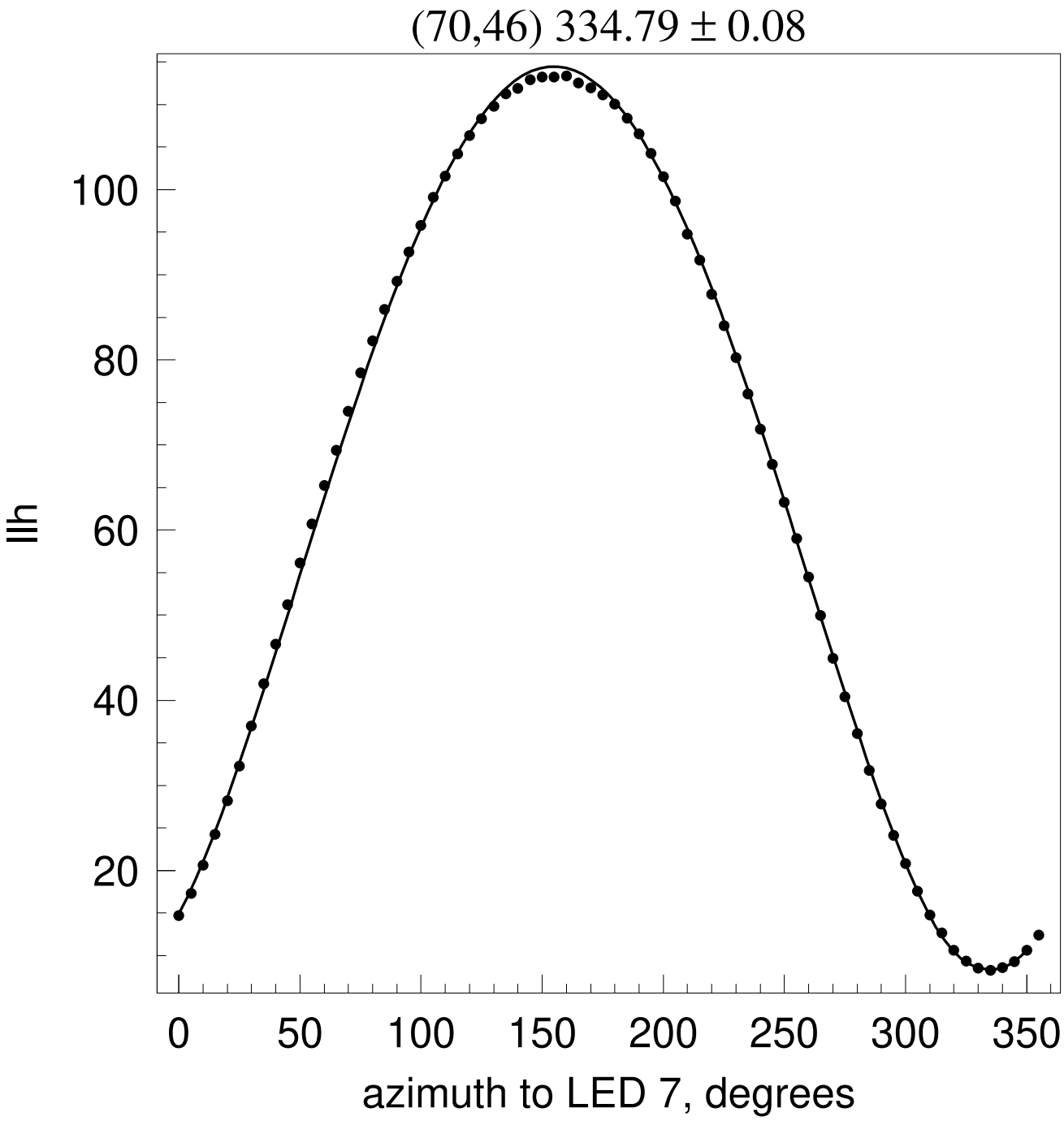

(70,41) 129.07 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

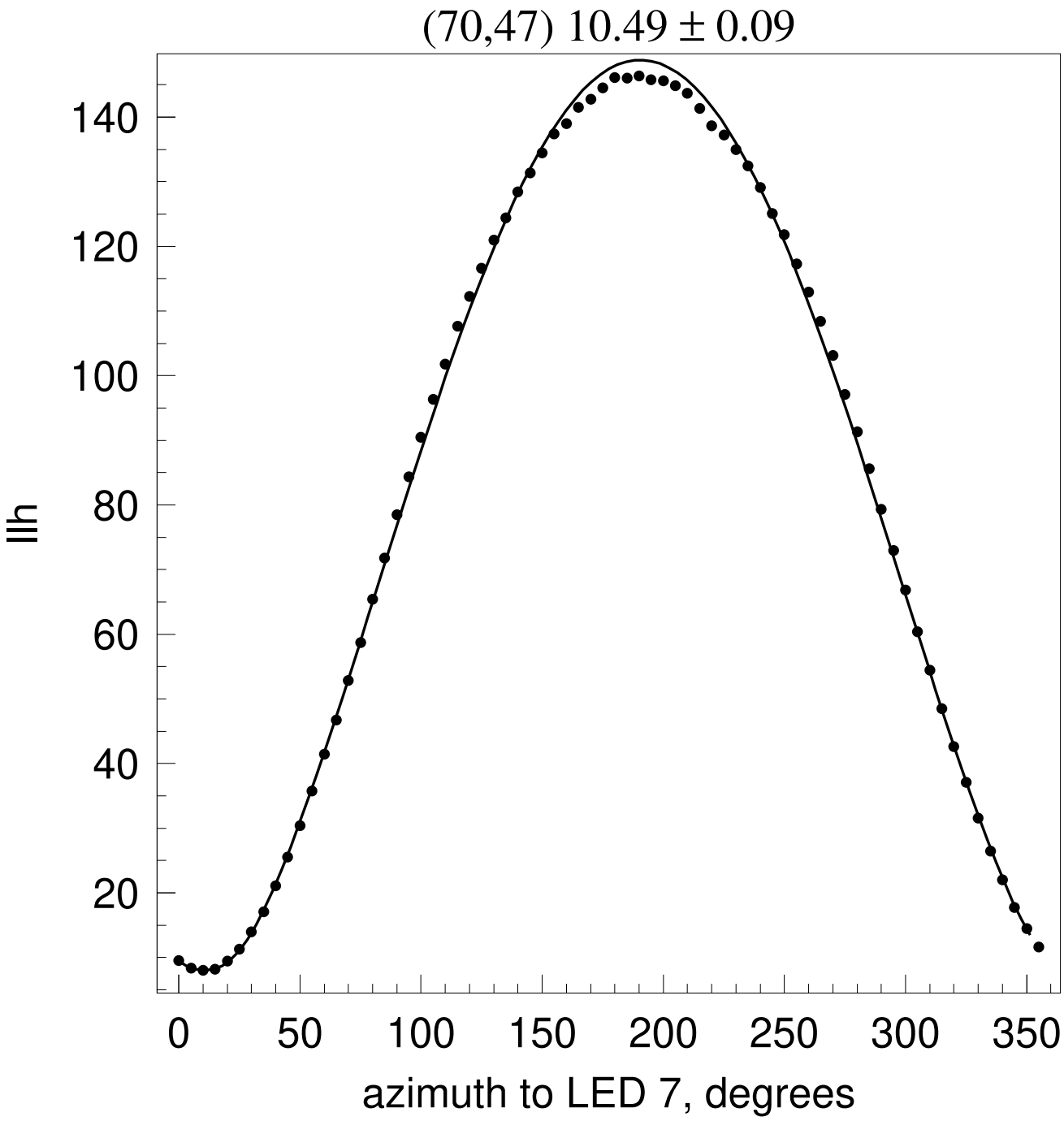

(70,42) 42.28 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

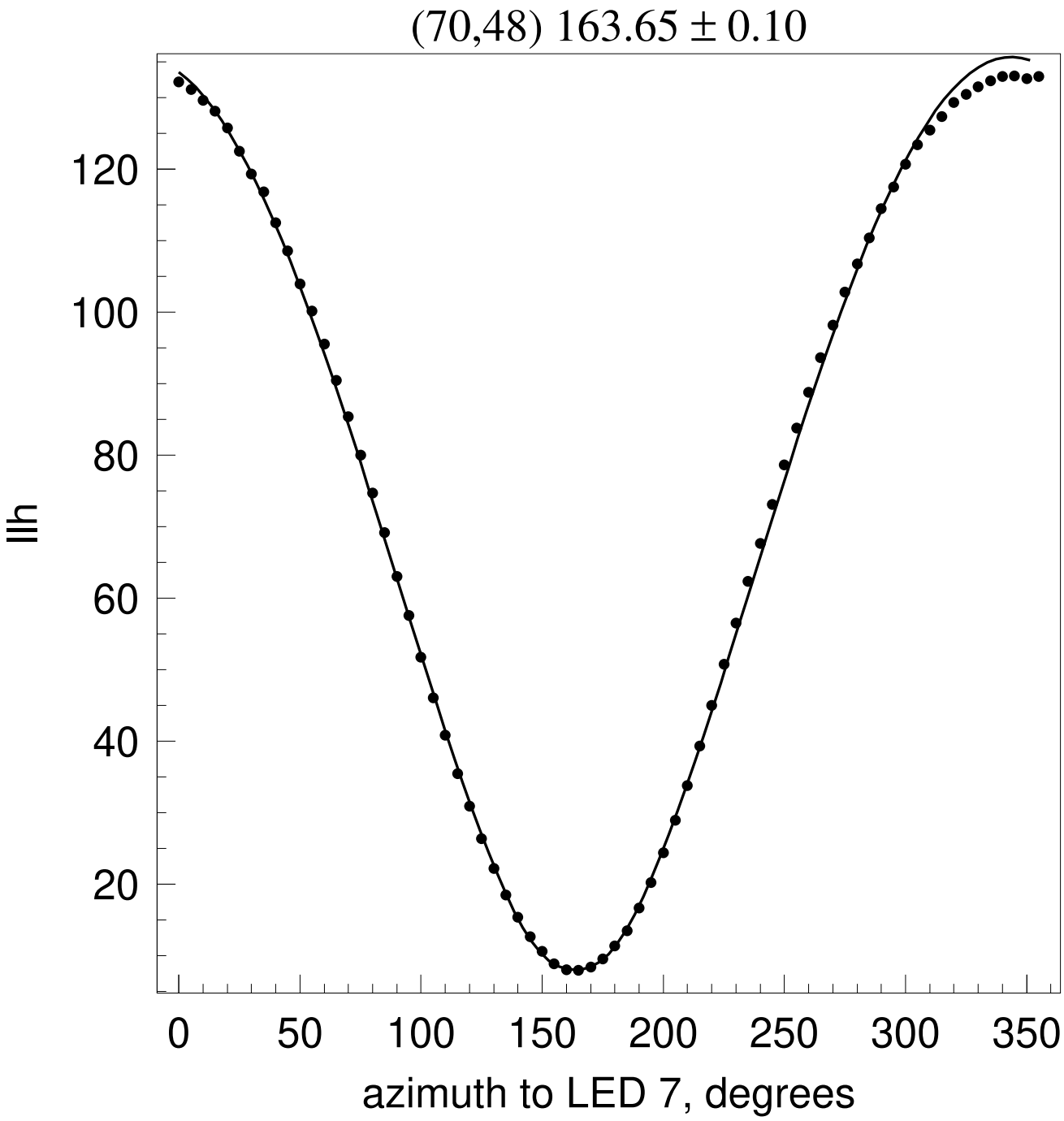

(70,43) 294.93 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

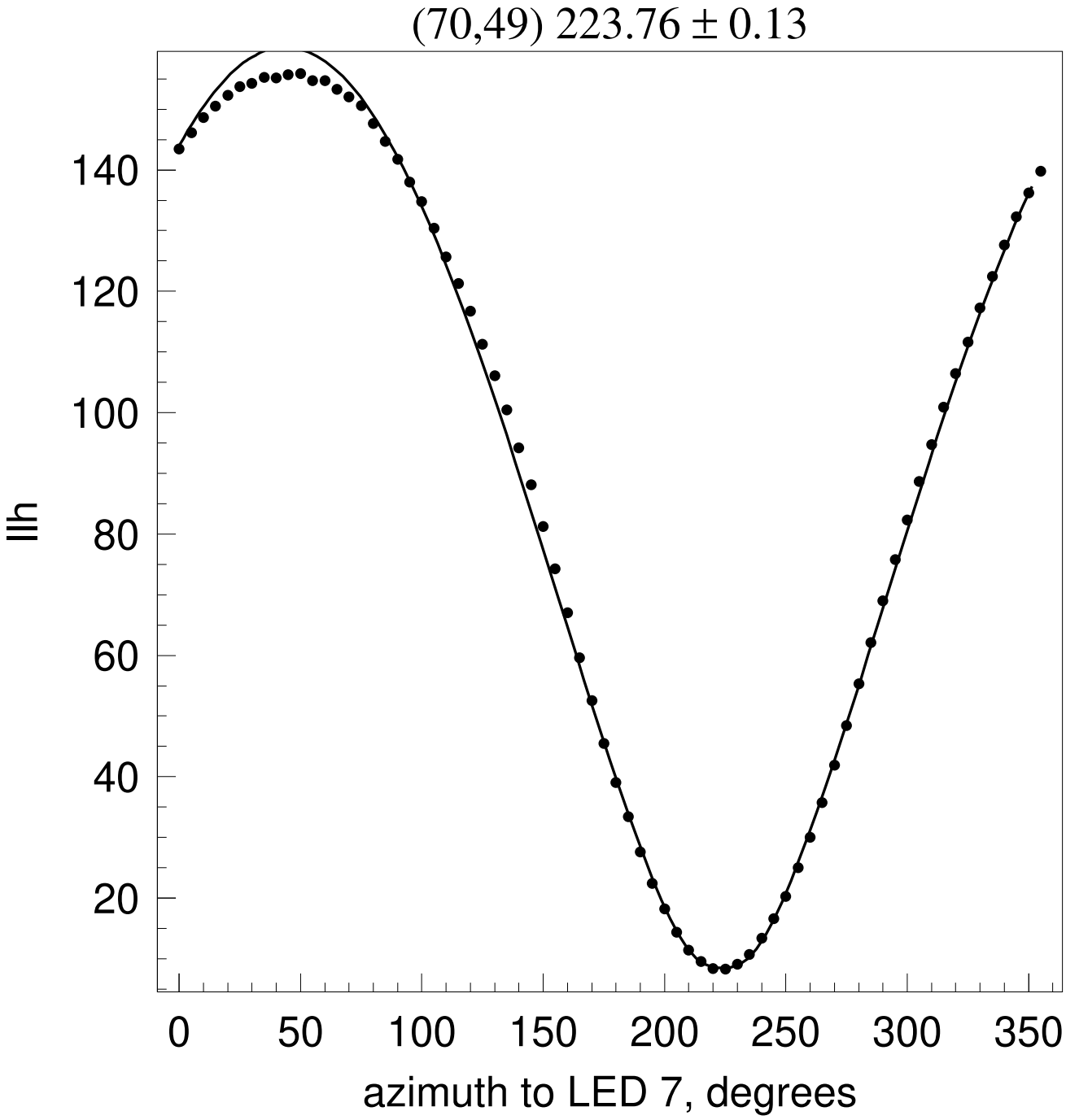

(70,44) 81.17 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

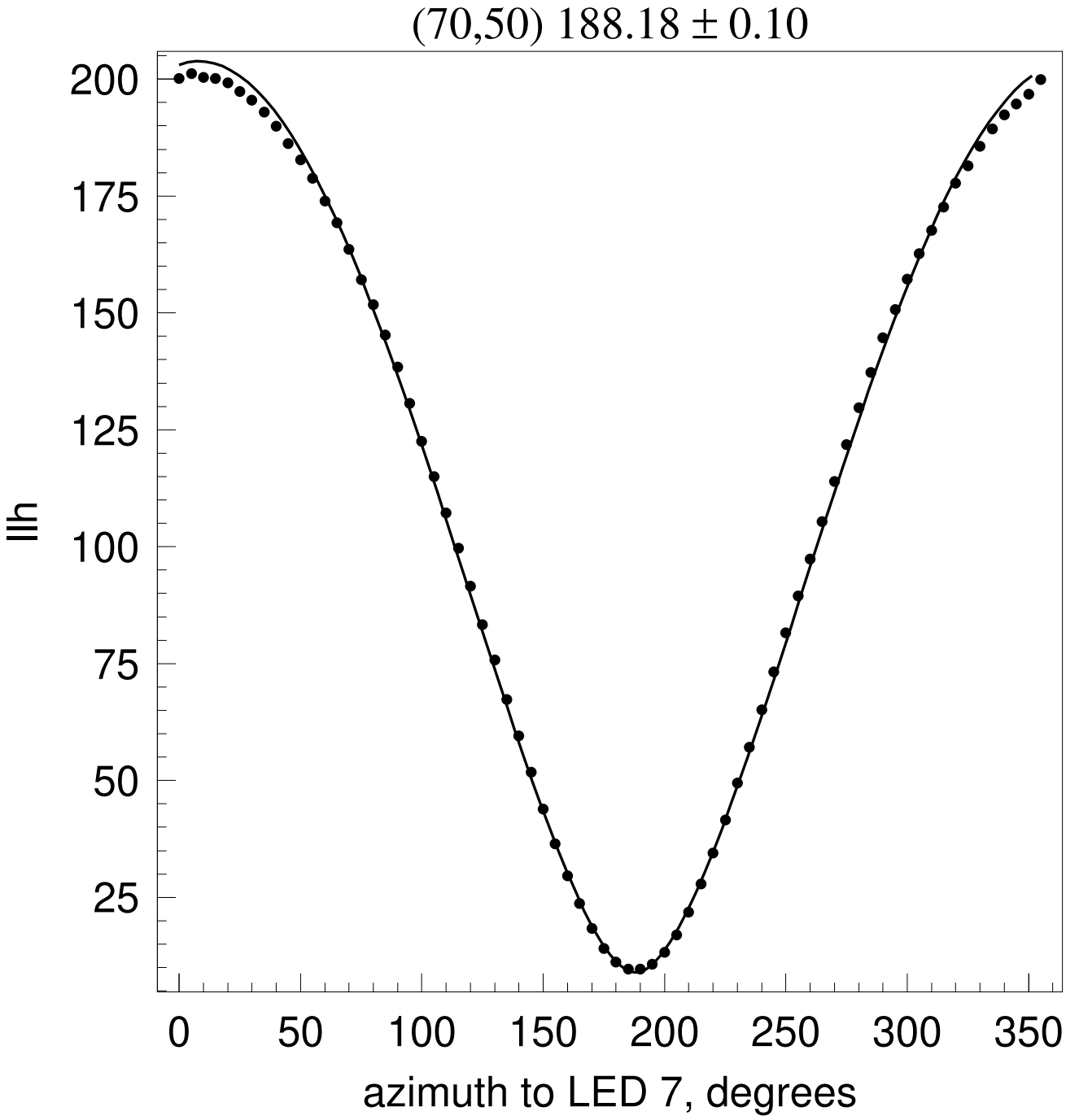

(70,45) 161.84 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

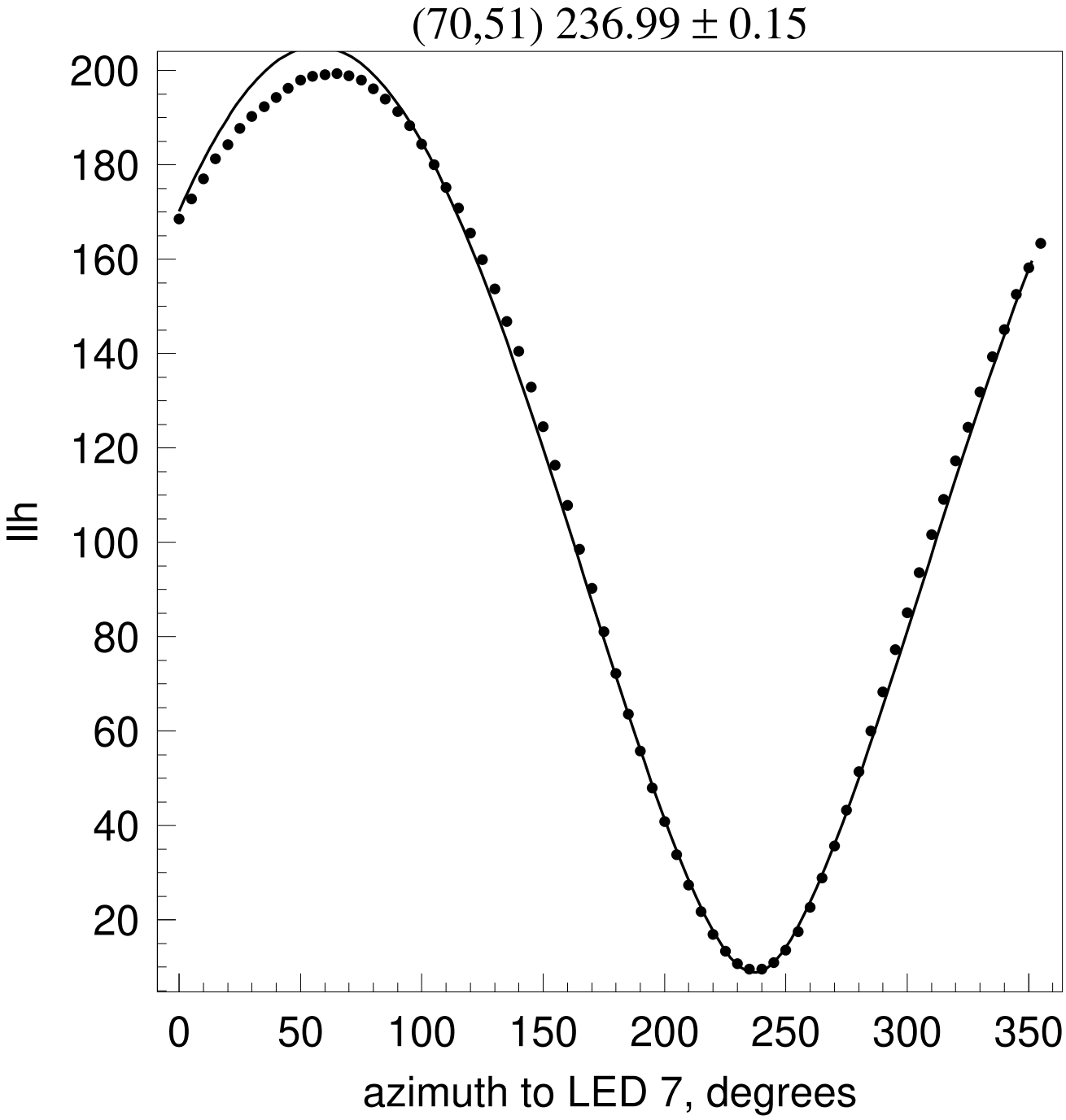

(70,46) 334.79 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

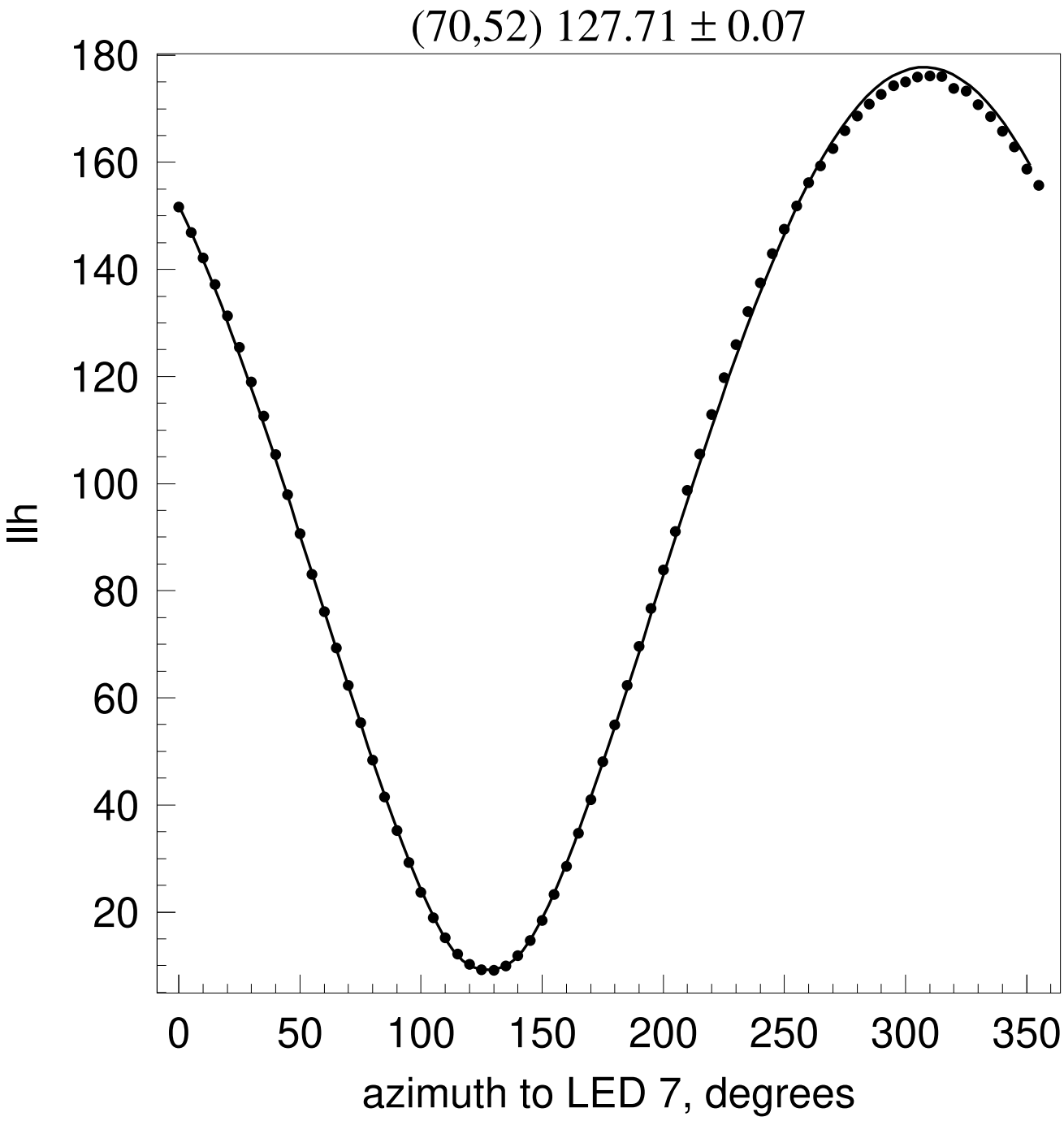

(70,47) 10.49 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

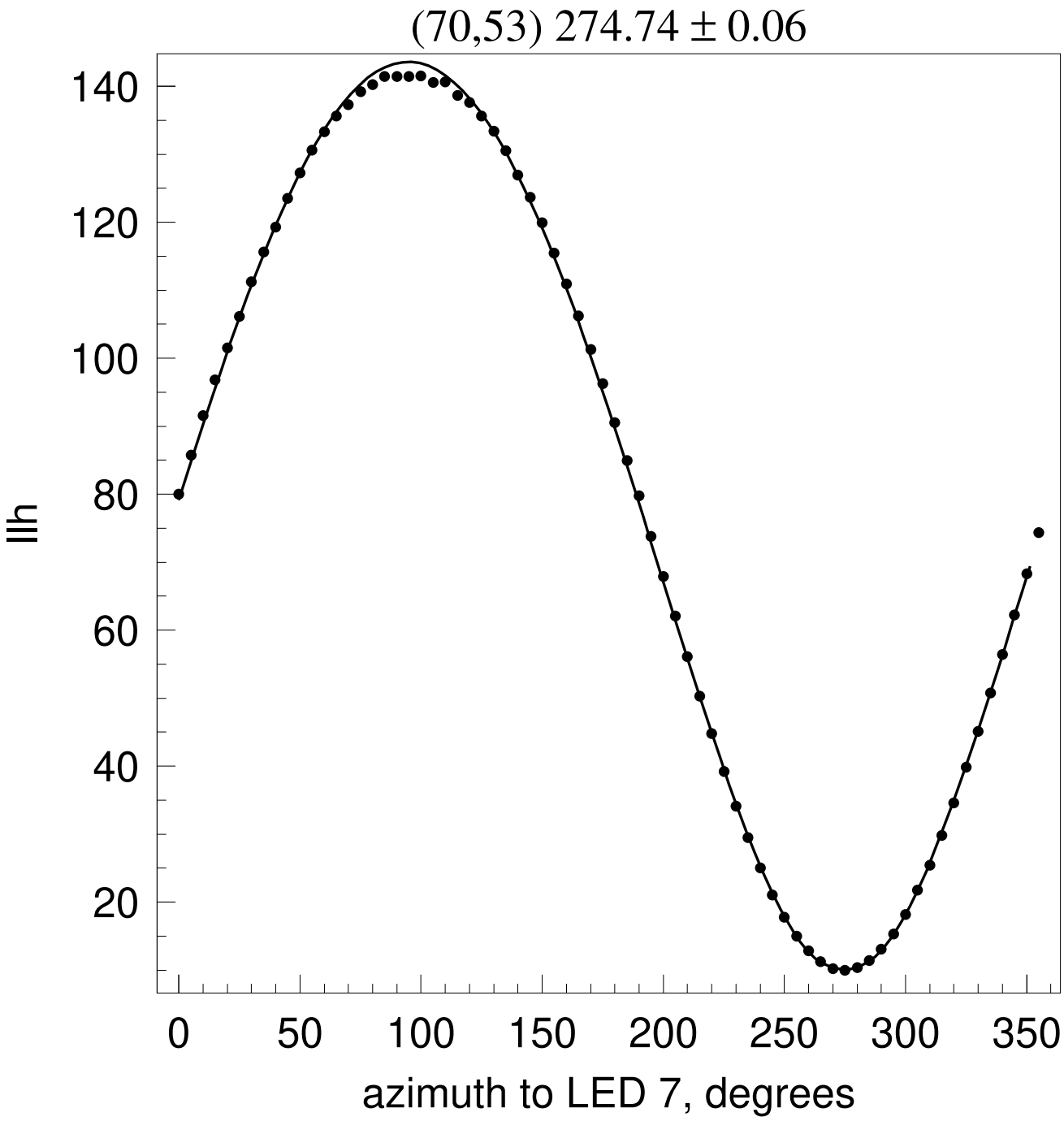

(70,48) 163.65 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

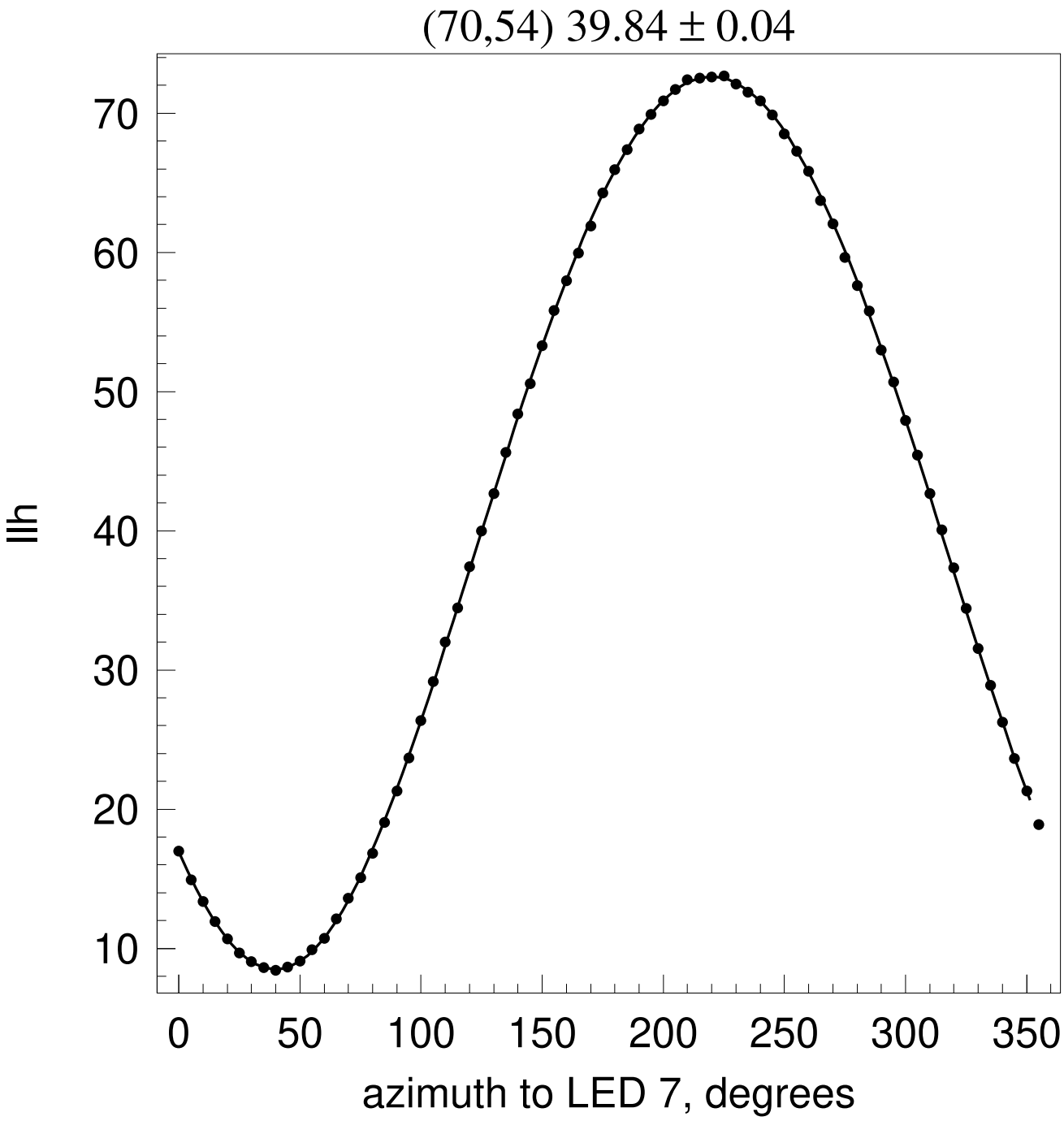

(70,49) 223.76 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

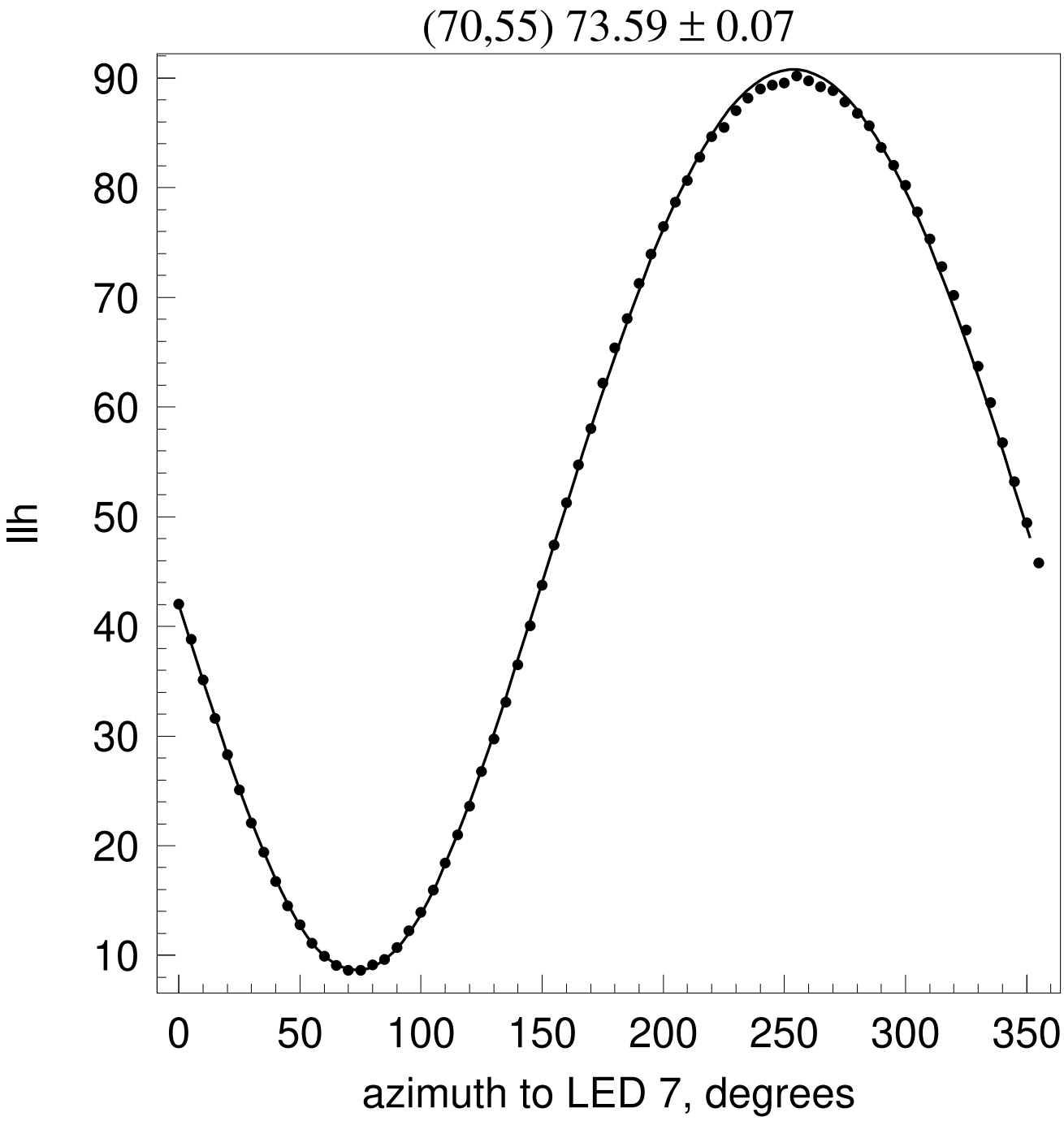

(70,50) 188.18 ± 0.10
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

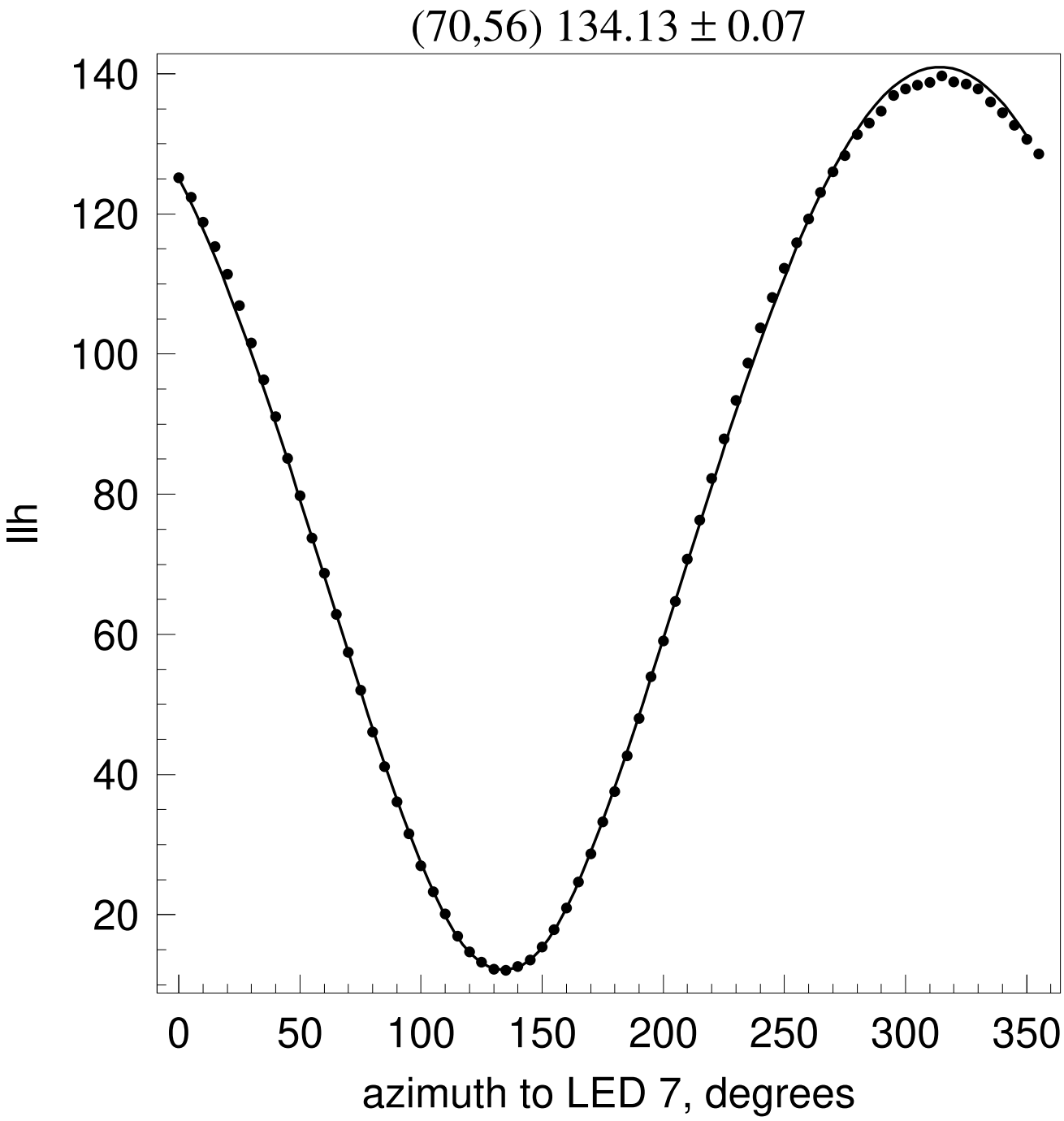

(70,51) 236.99 ± 0.15
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

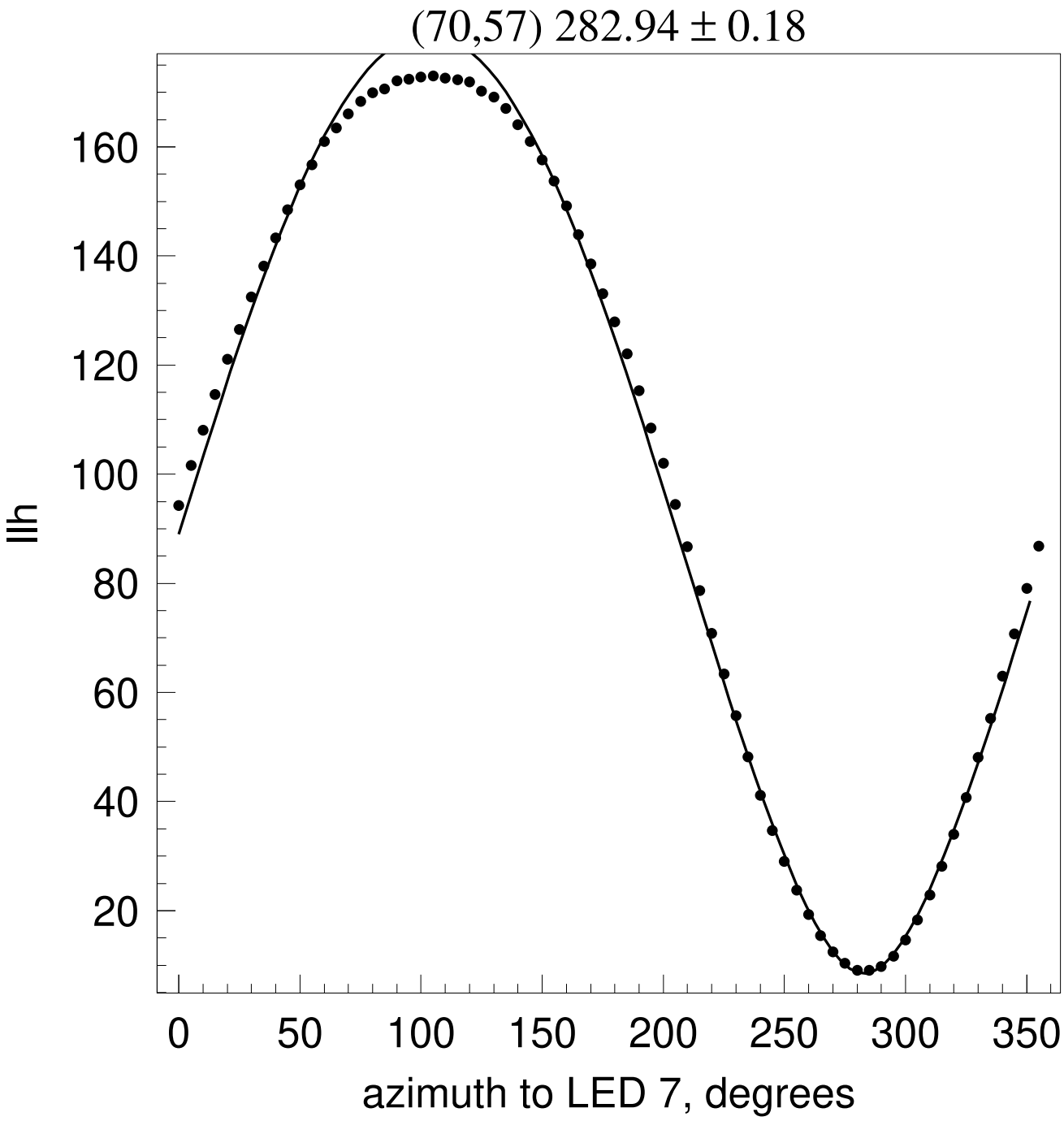

(70,52) 127.71 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

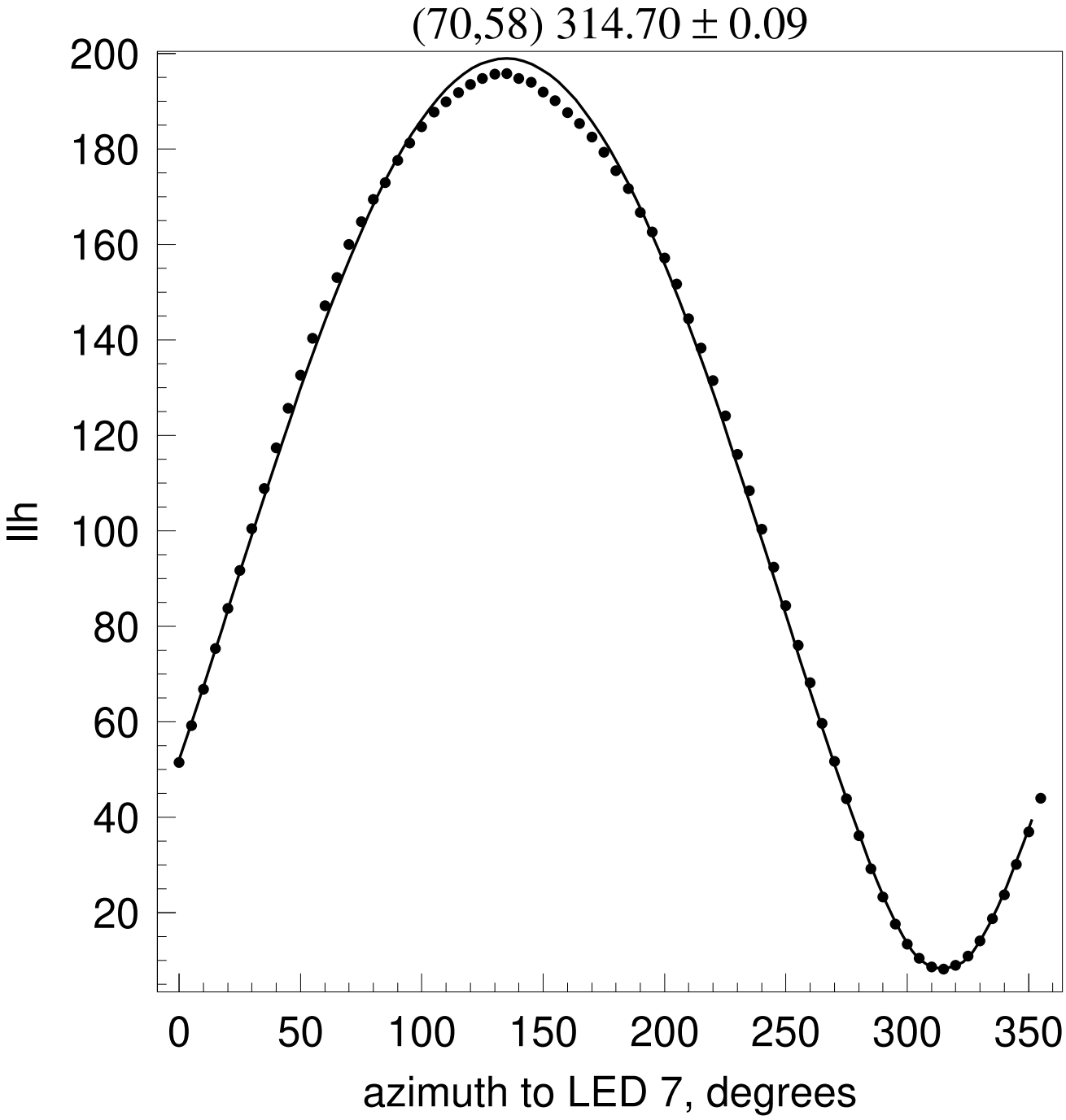

(70,53) 274.74 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

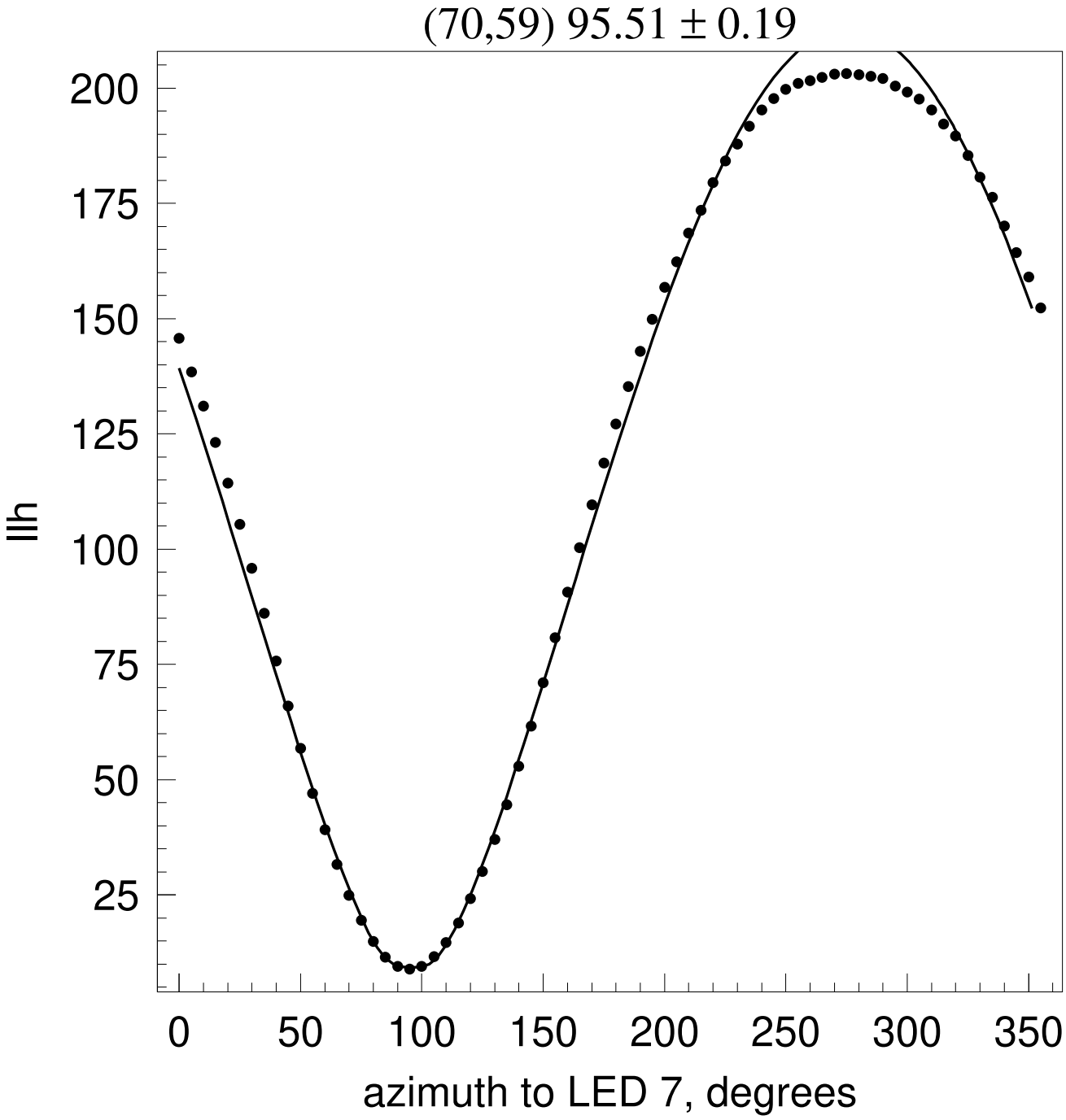

(70,54) 39.84 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

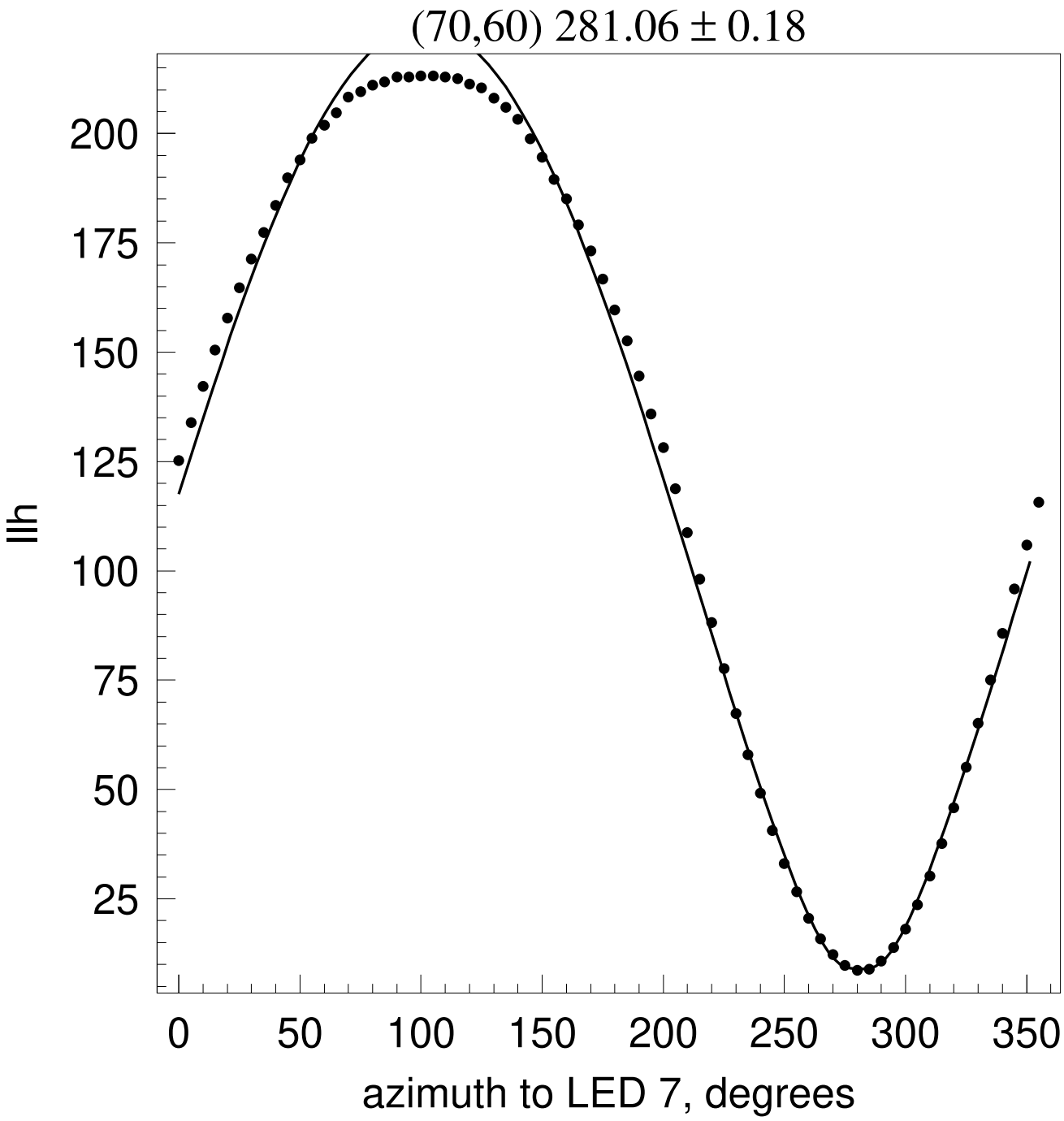

(70,55) 73.59 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

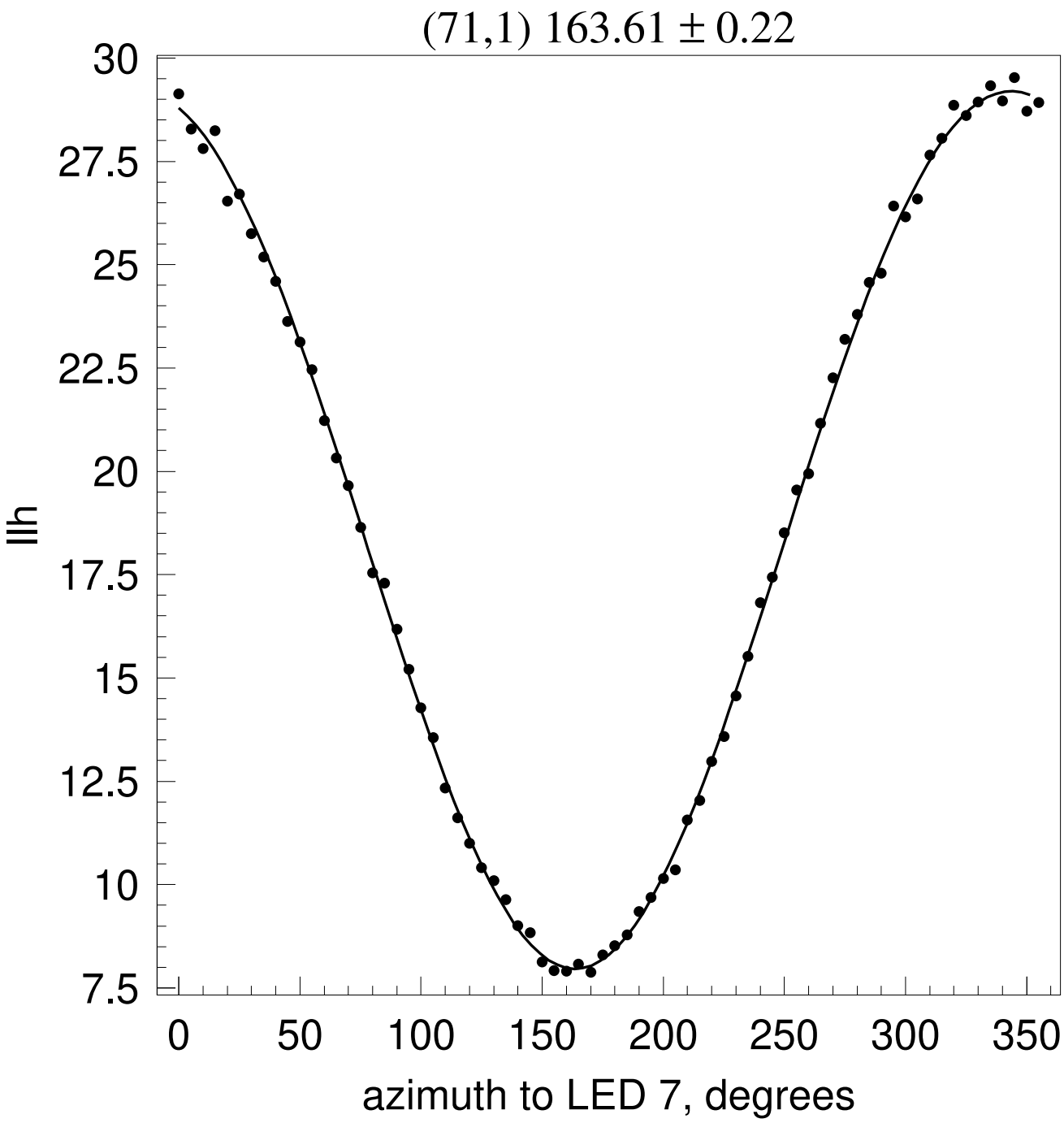

(70,56) 134.13 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

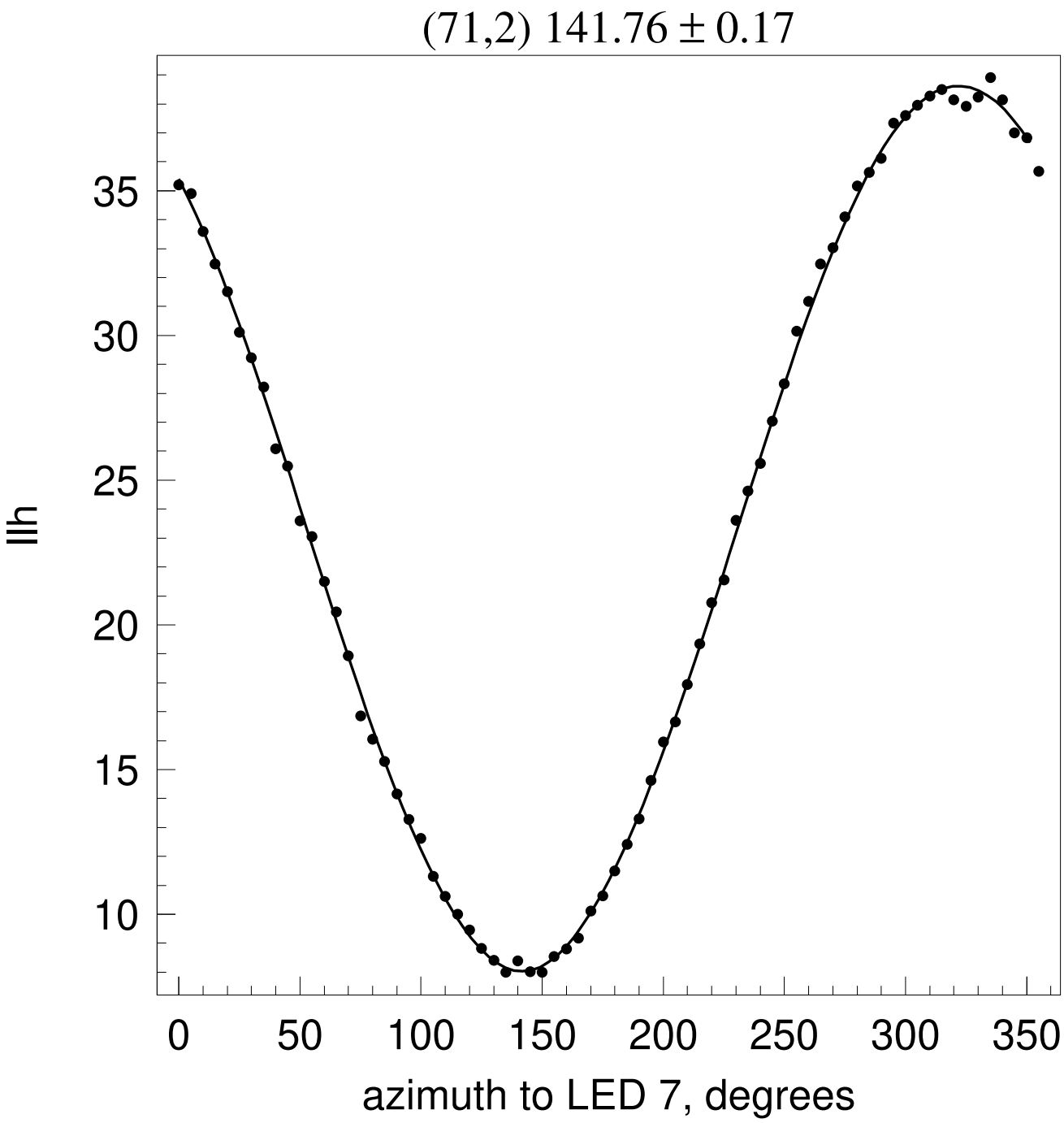

(70,57) 282.94 ± 0.18
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

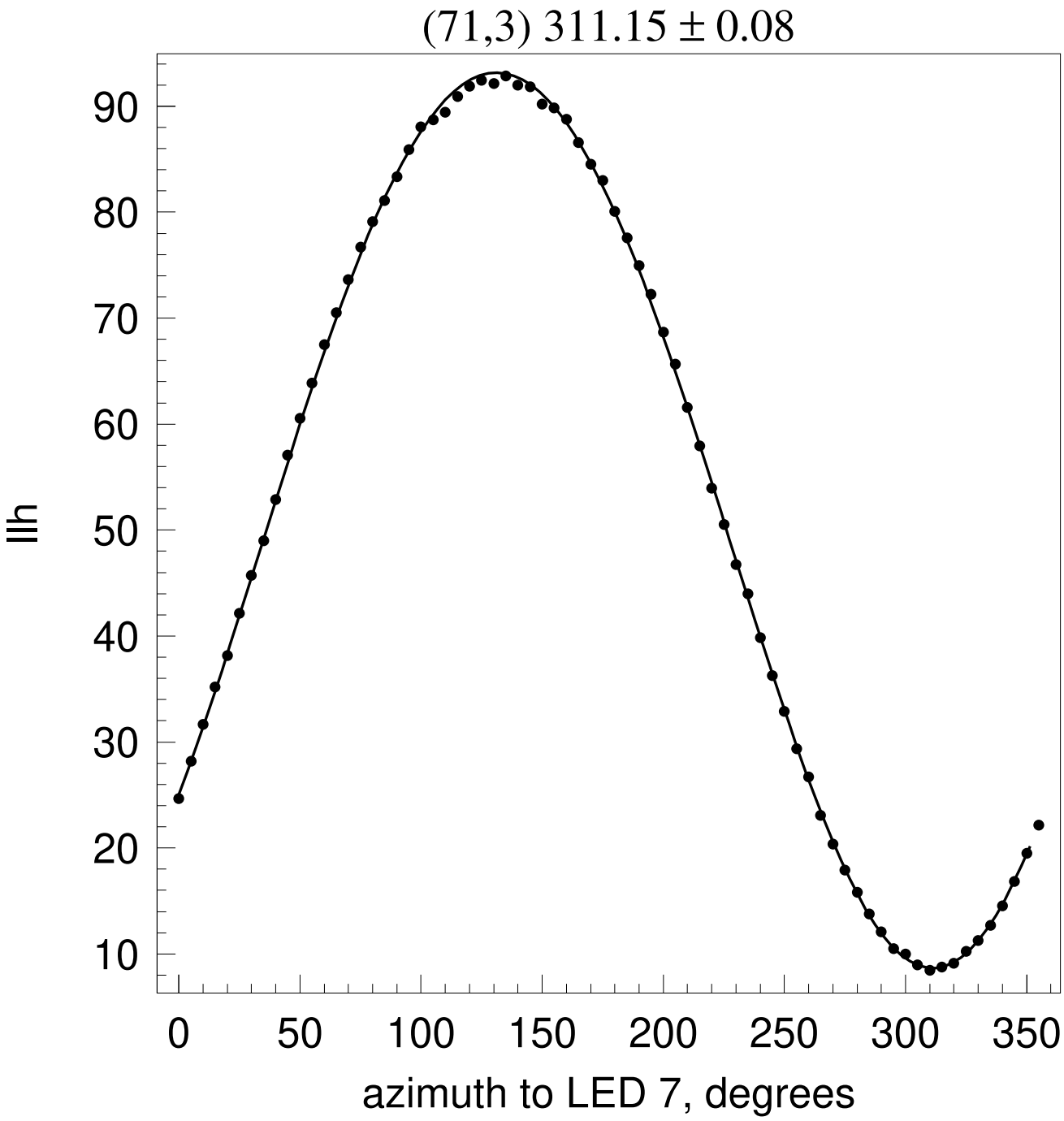

(70,58) 314.70 ± 0.09
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

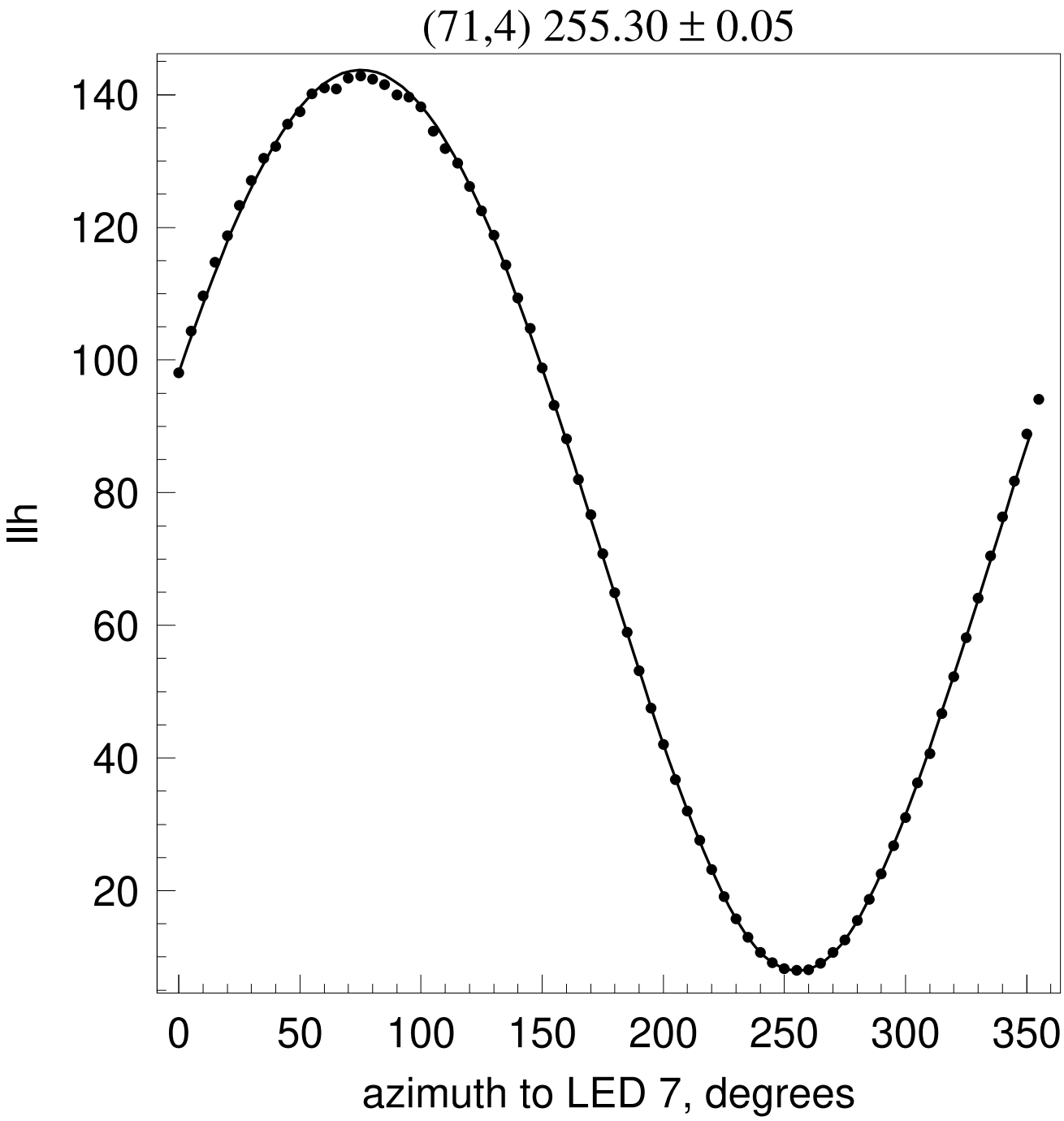

(70,59) 95.51 ± 0.19
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

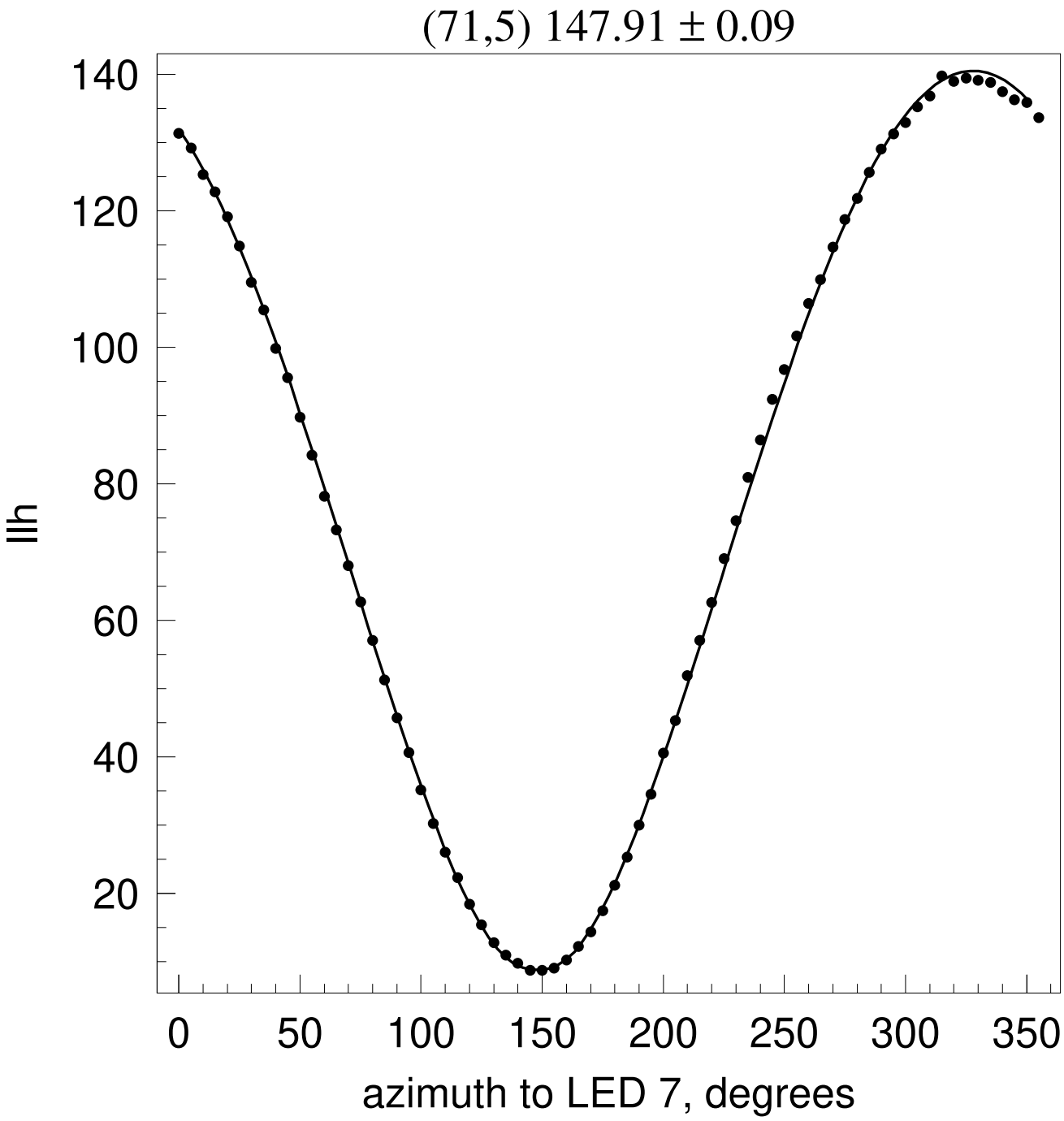

(70,60) 281.06 ± 0.18
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

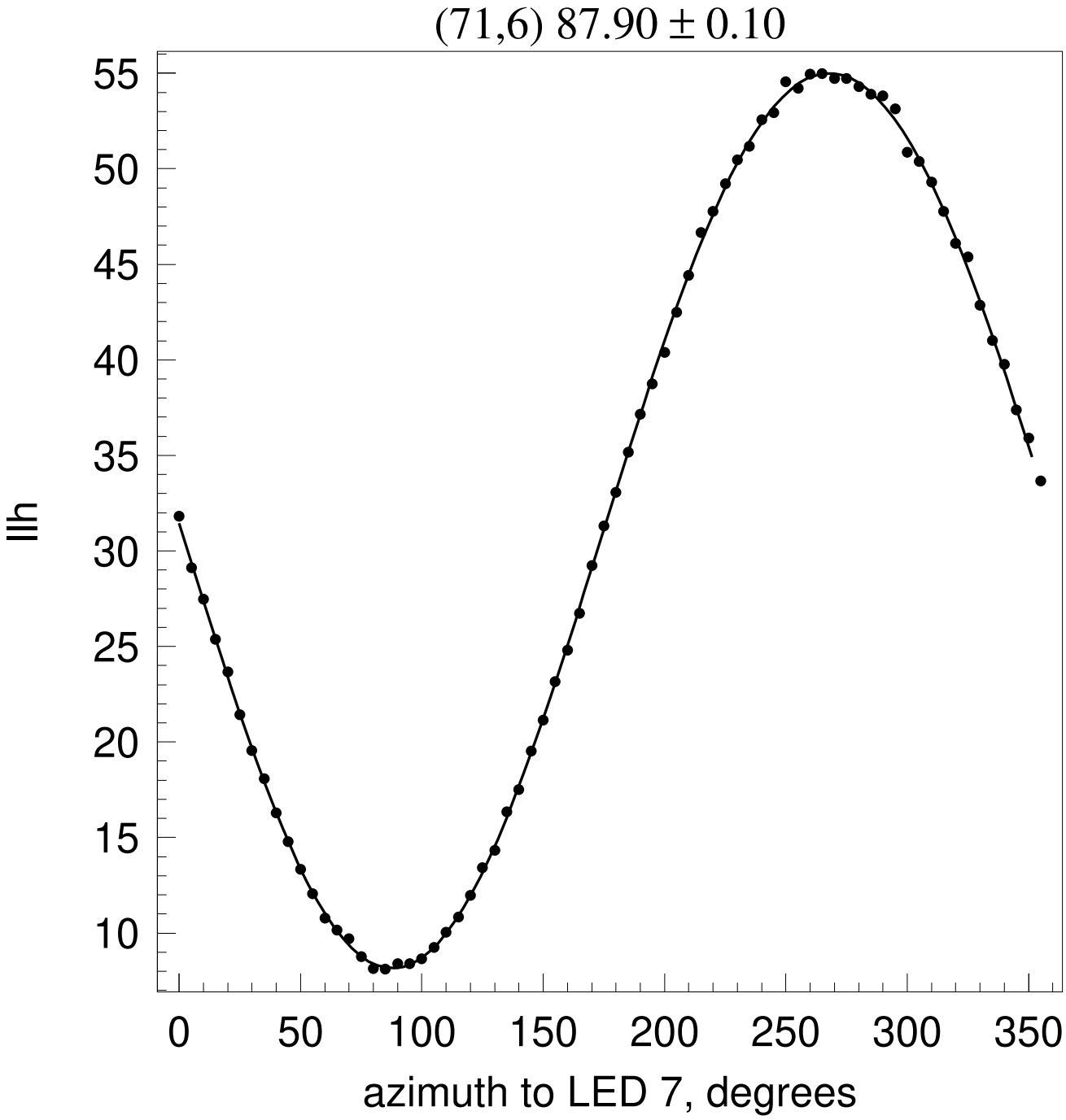

(71,1) 163.61 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

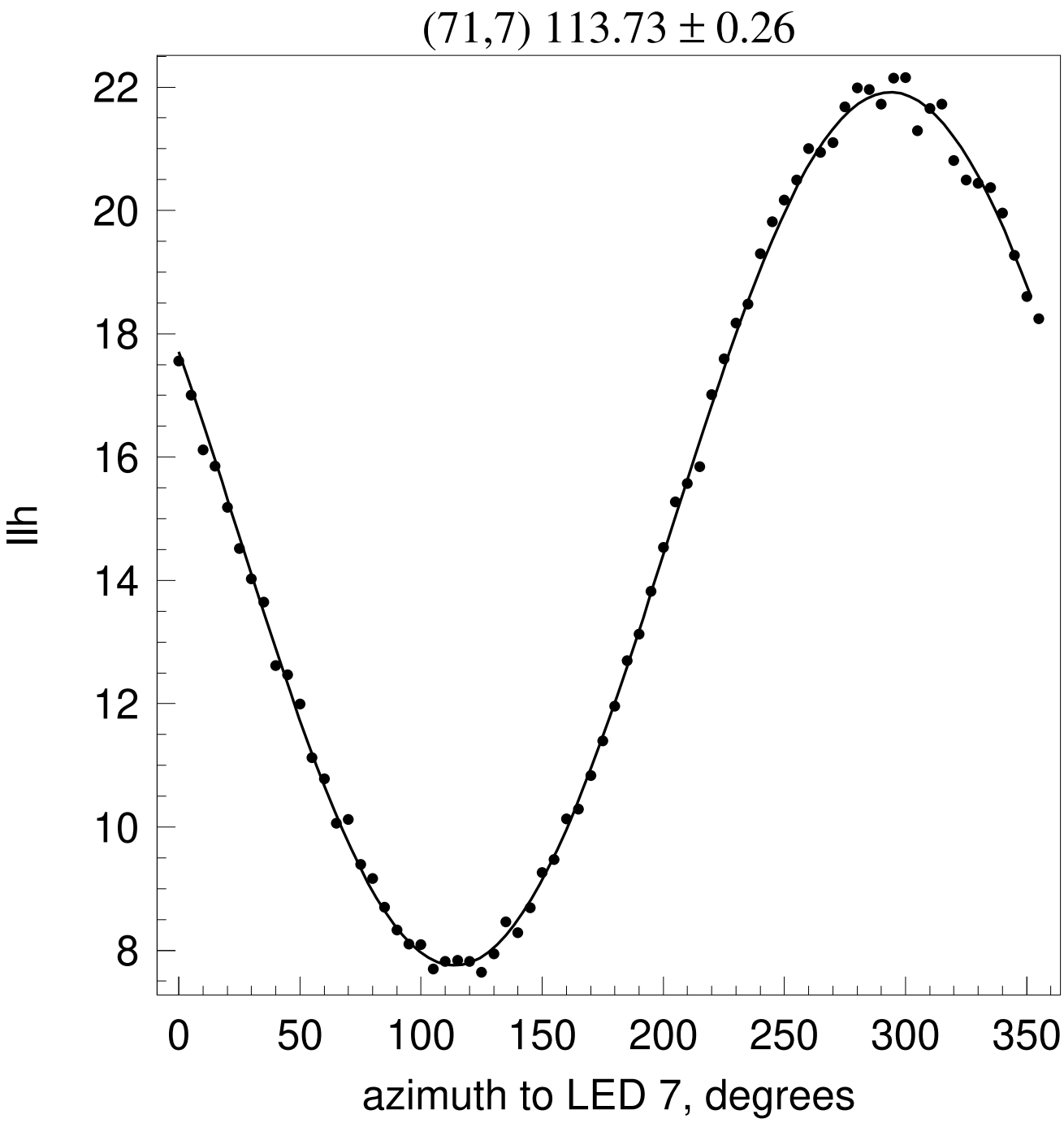

(71,2) 141.76 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

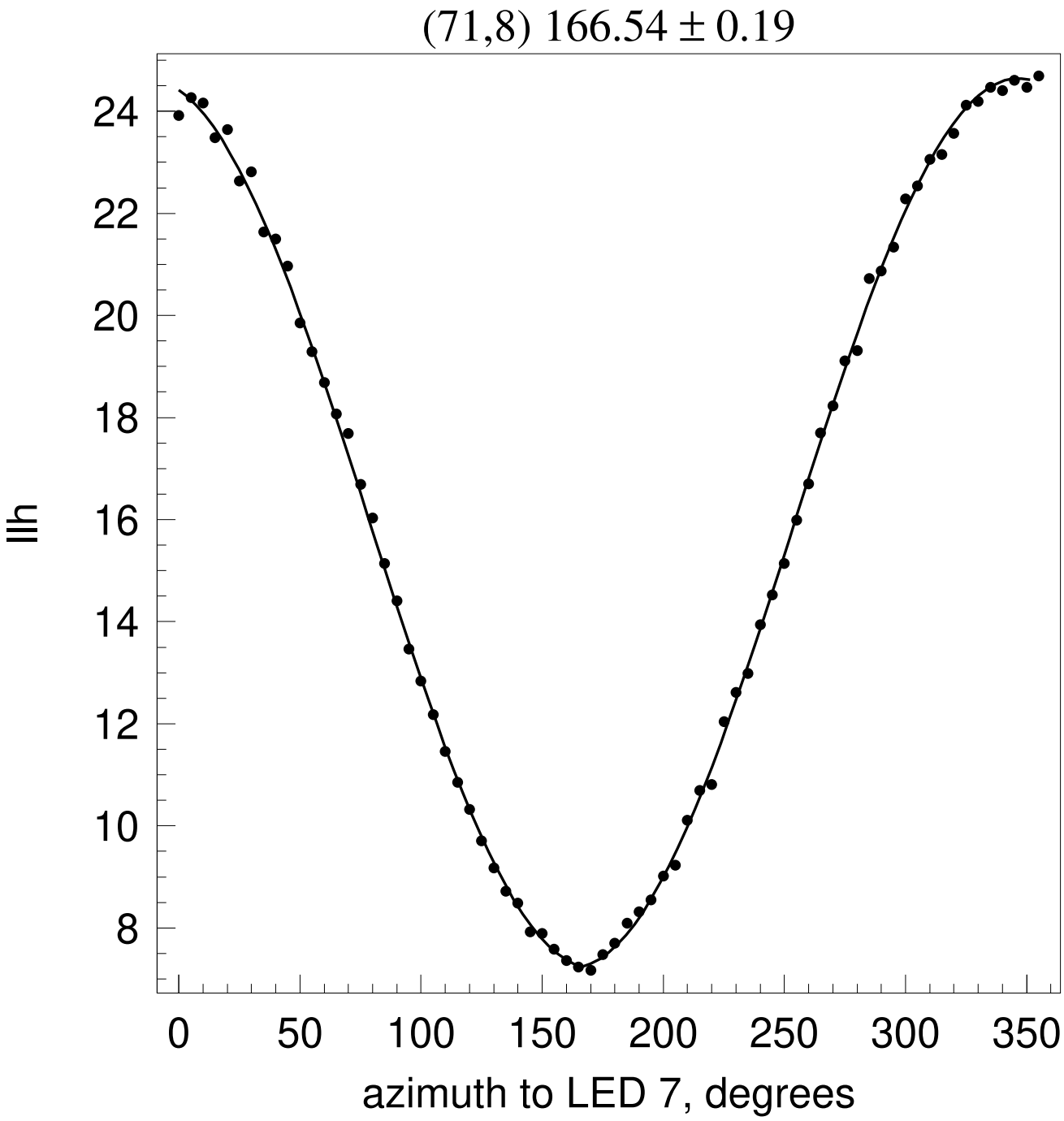

(71,3) 311.15 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

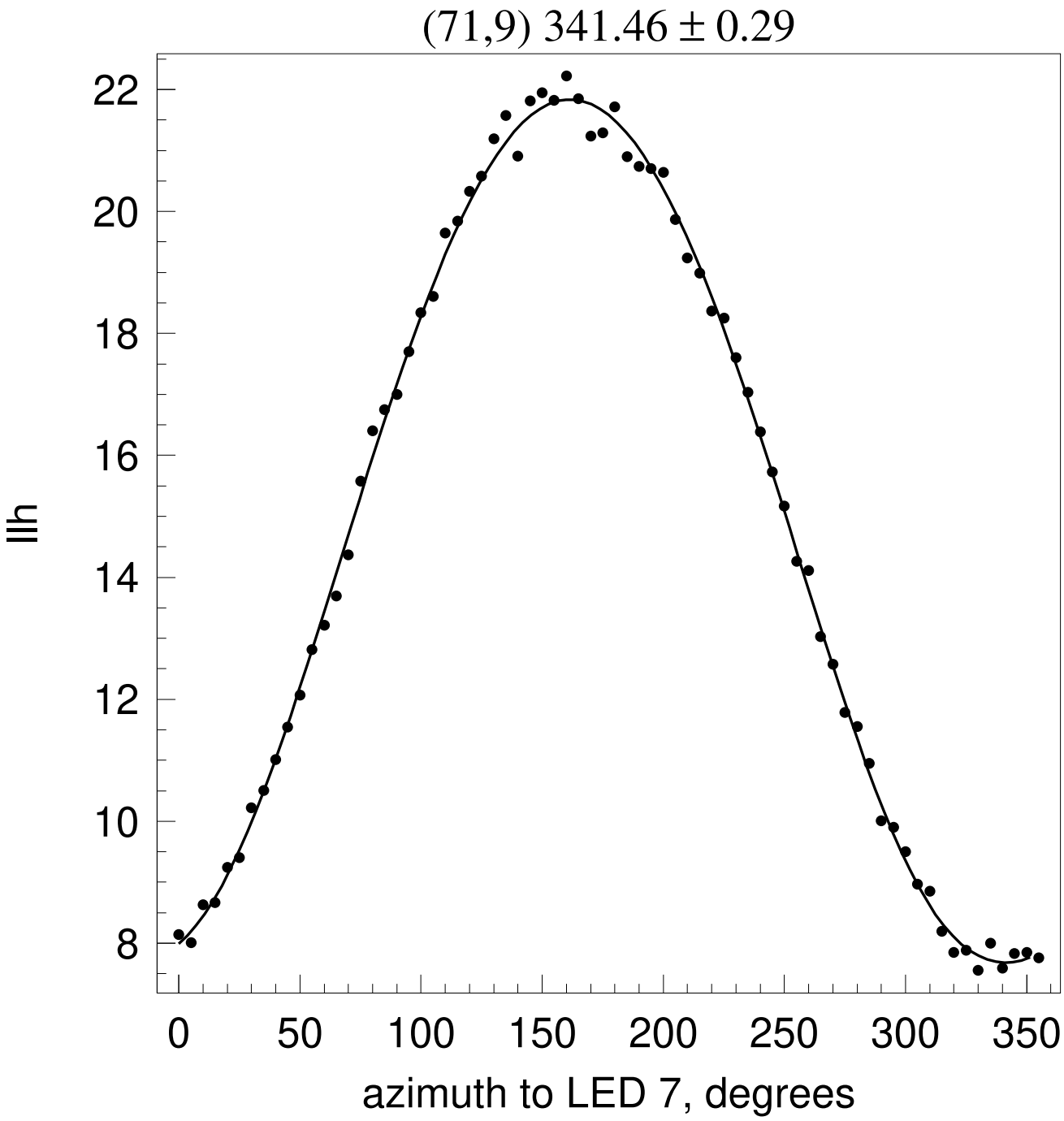

(71,4) 255.30 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

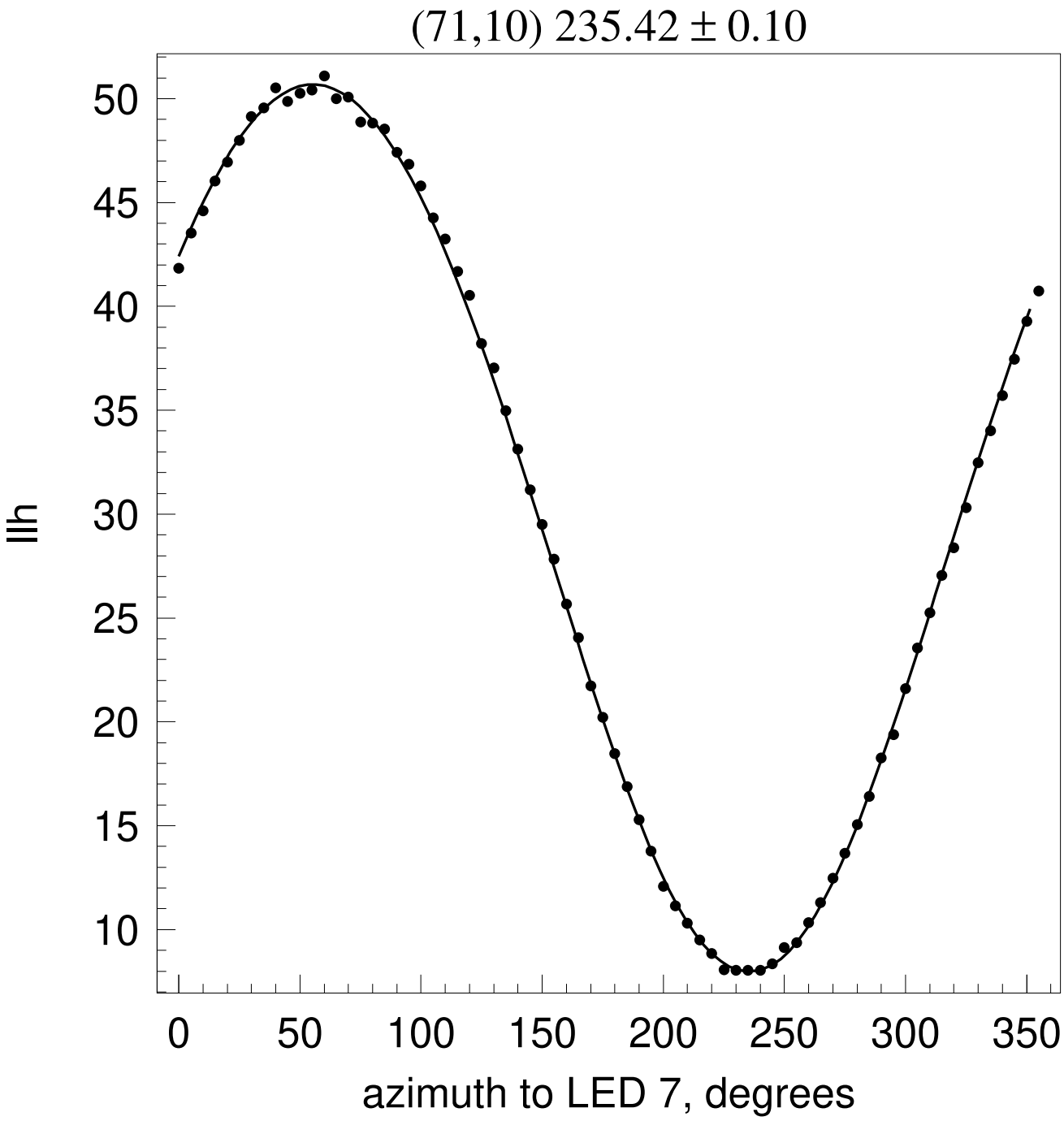

(71,5) 147.91 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

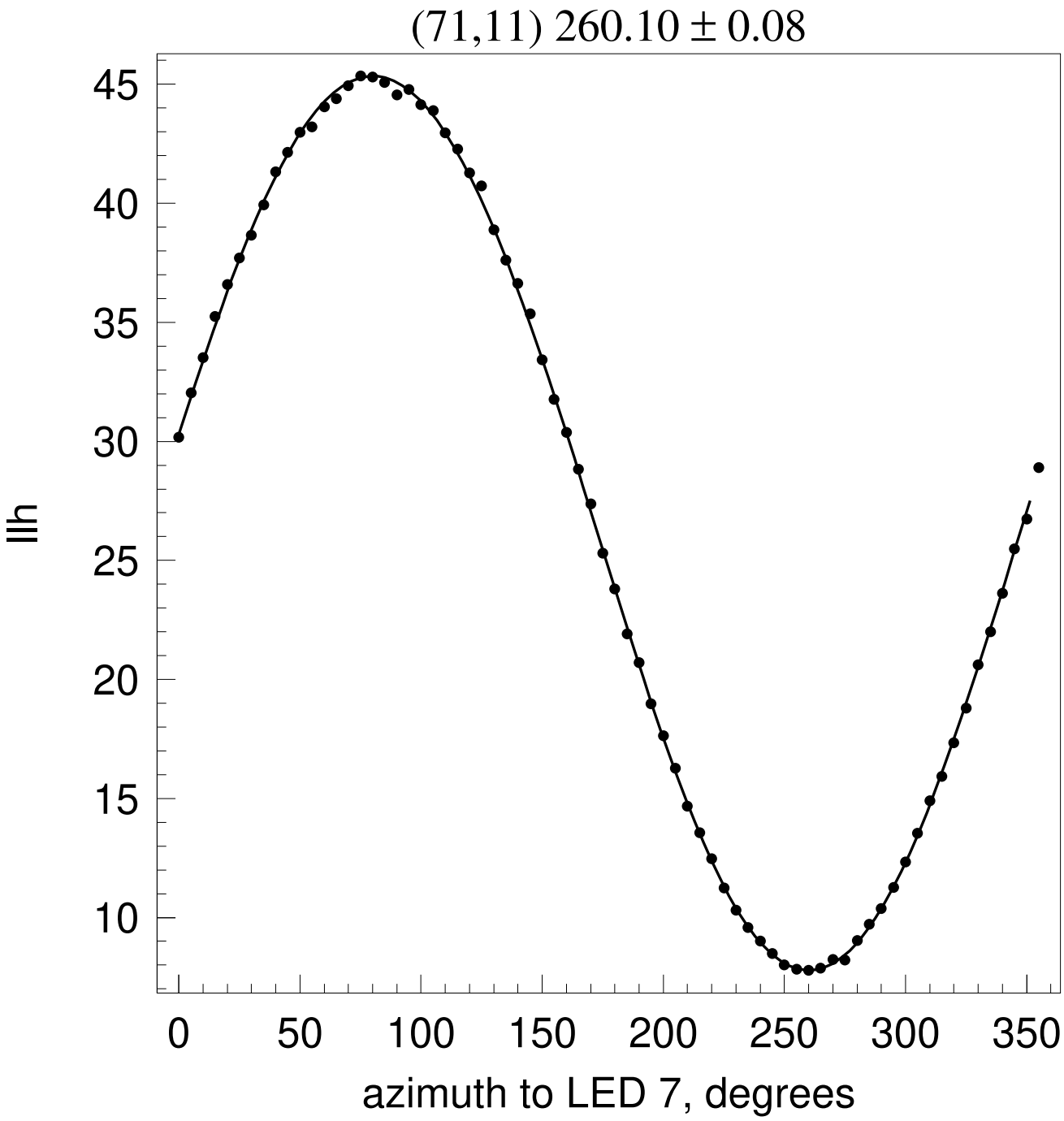

(71,6) 87.90 ± 0.10
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

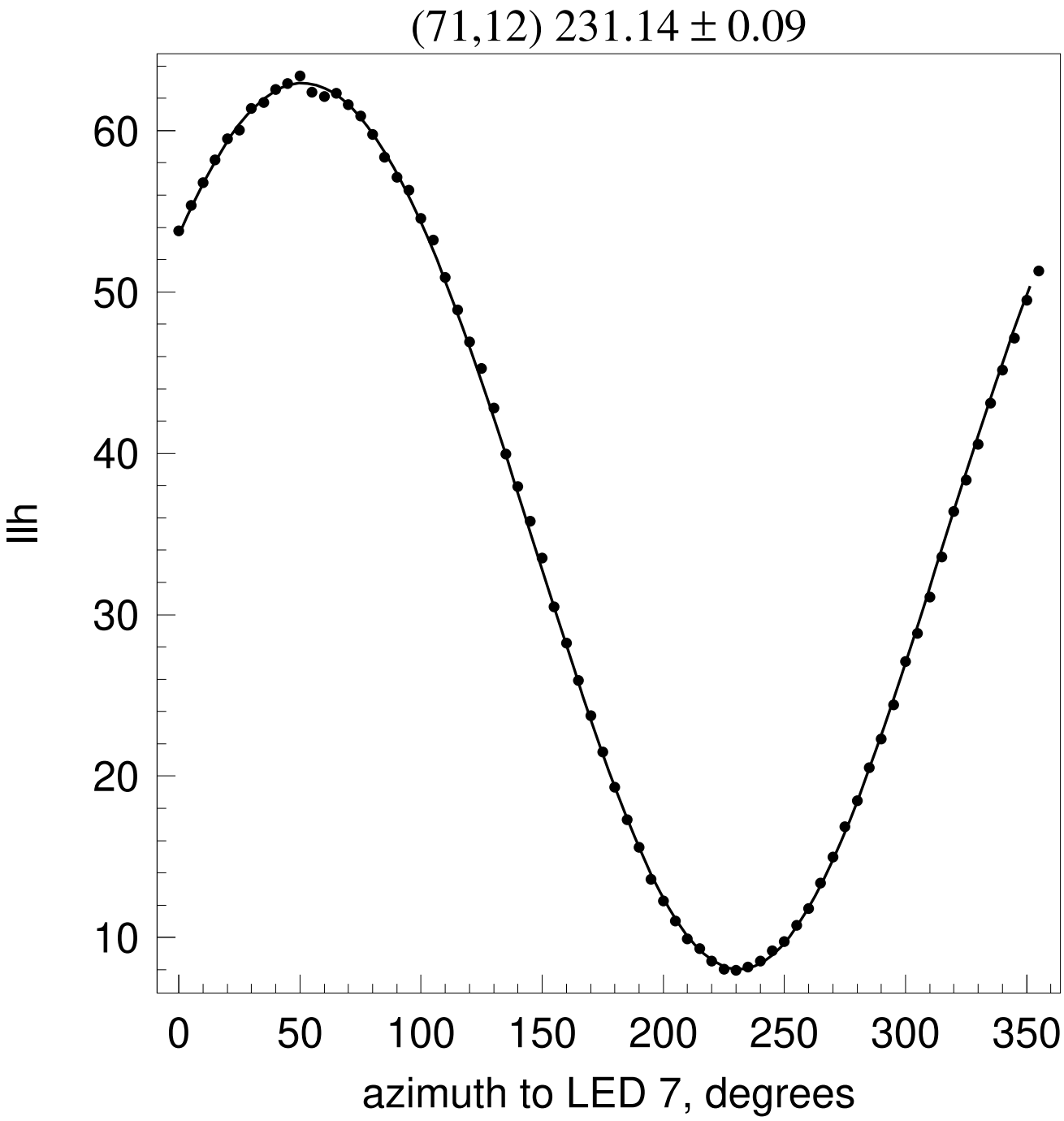

(71,7) 113.73 ± 0.26
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

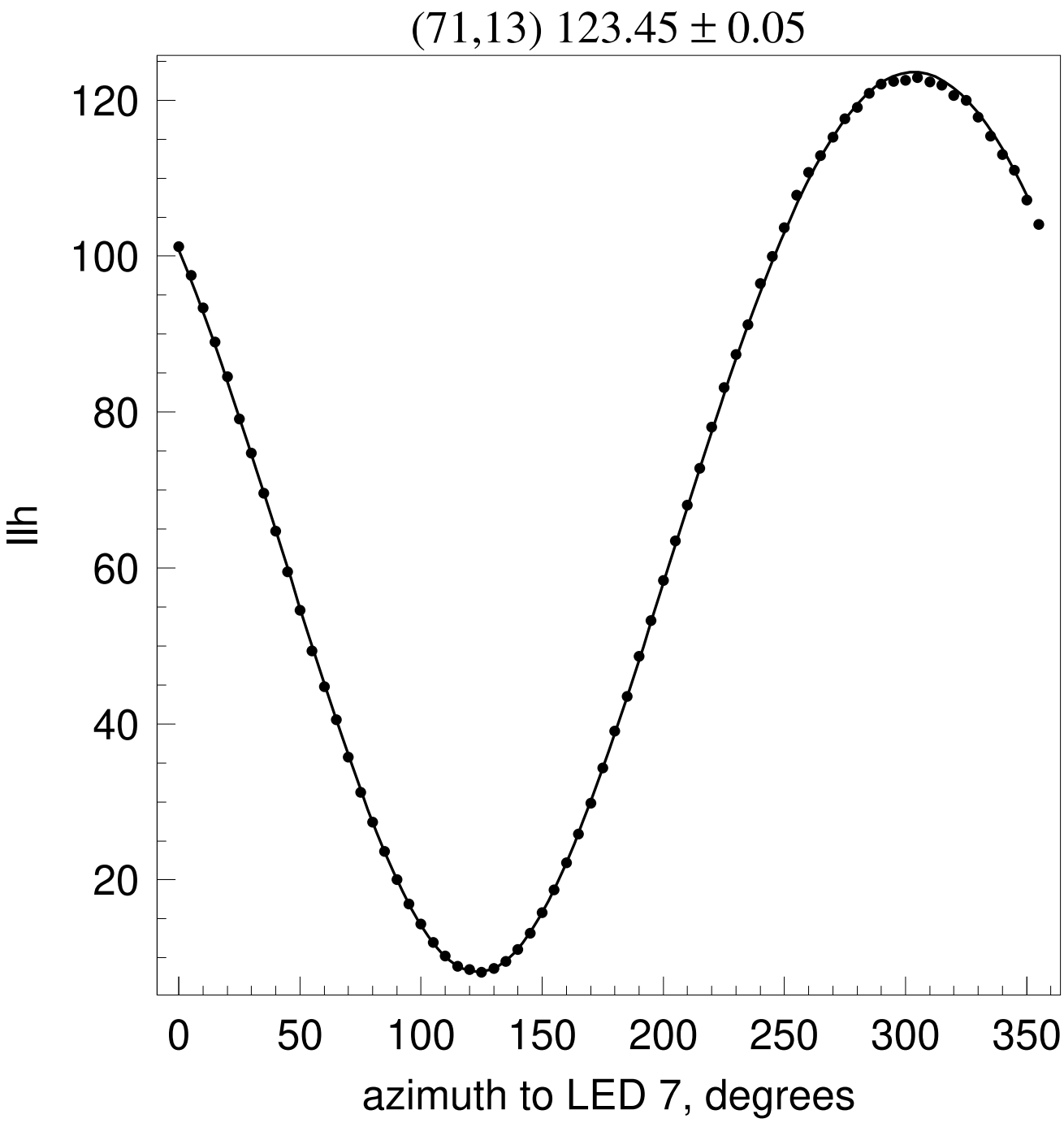

(71,8) 166.54 ± 0.19
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

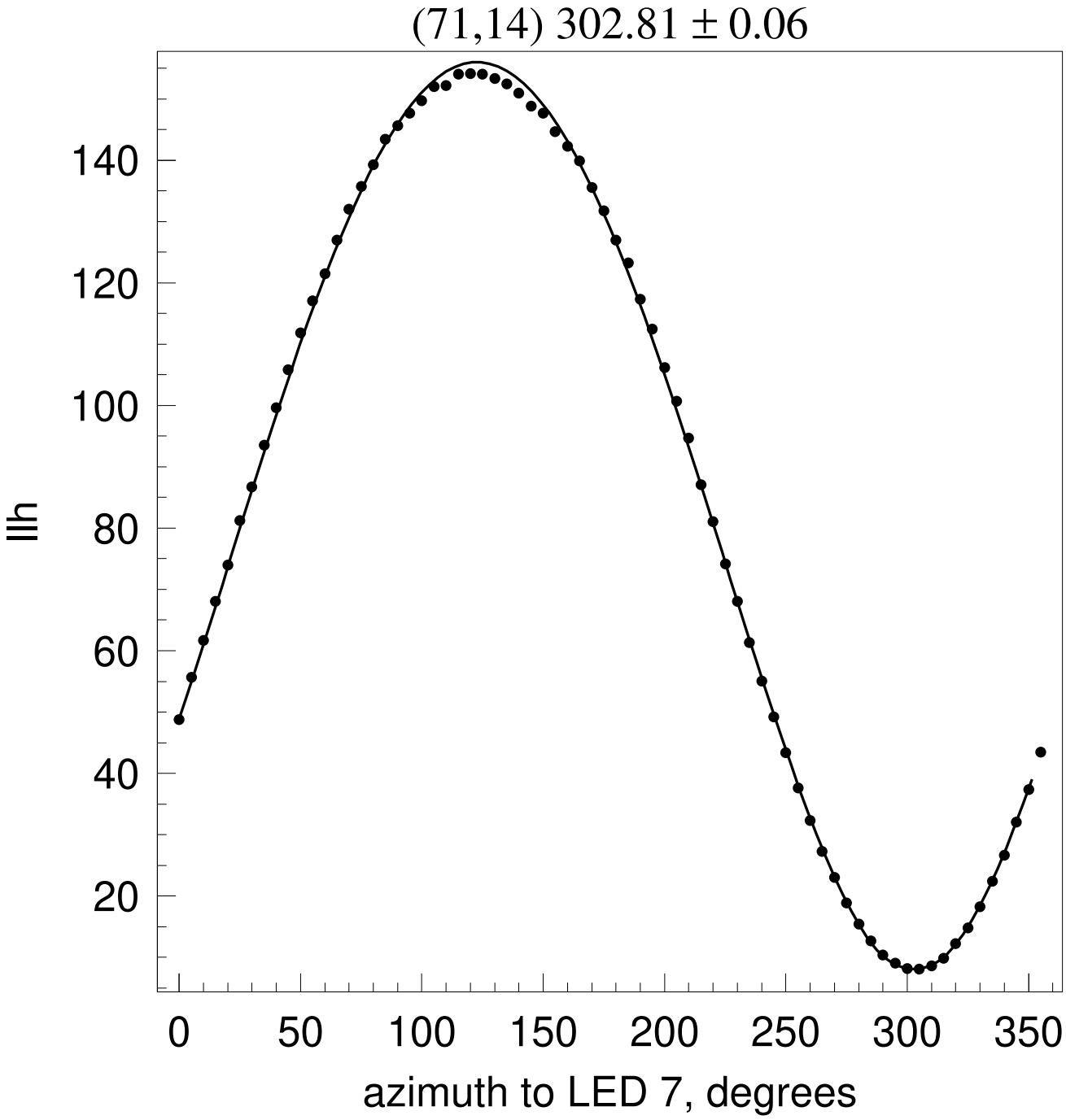

(71,9) 341.46 ± 0.29
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

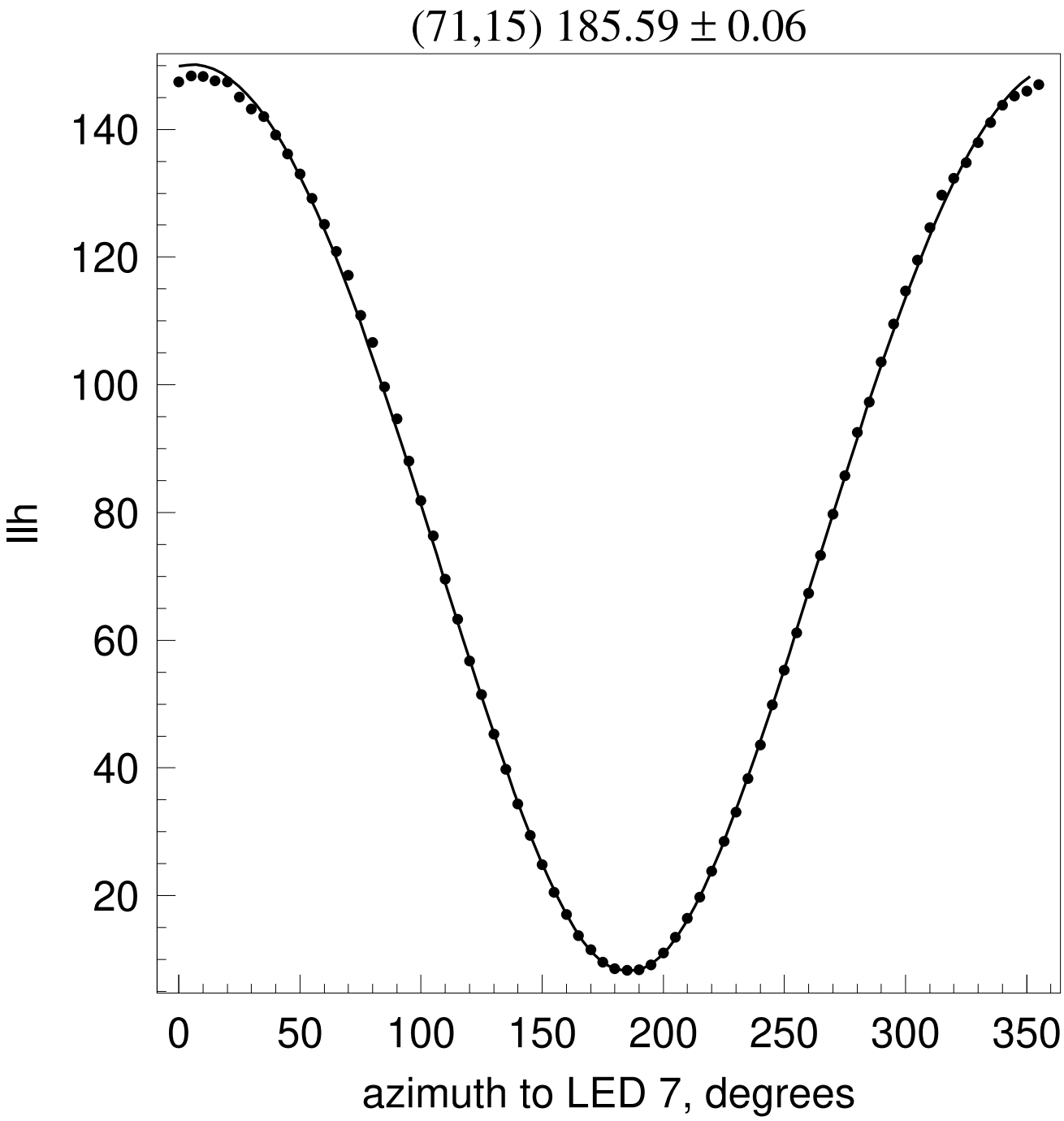

(71,10) 235.42 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

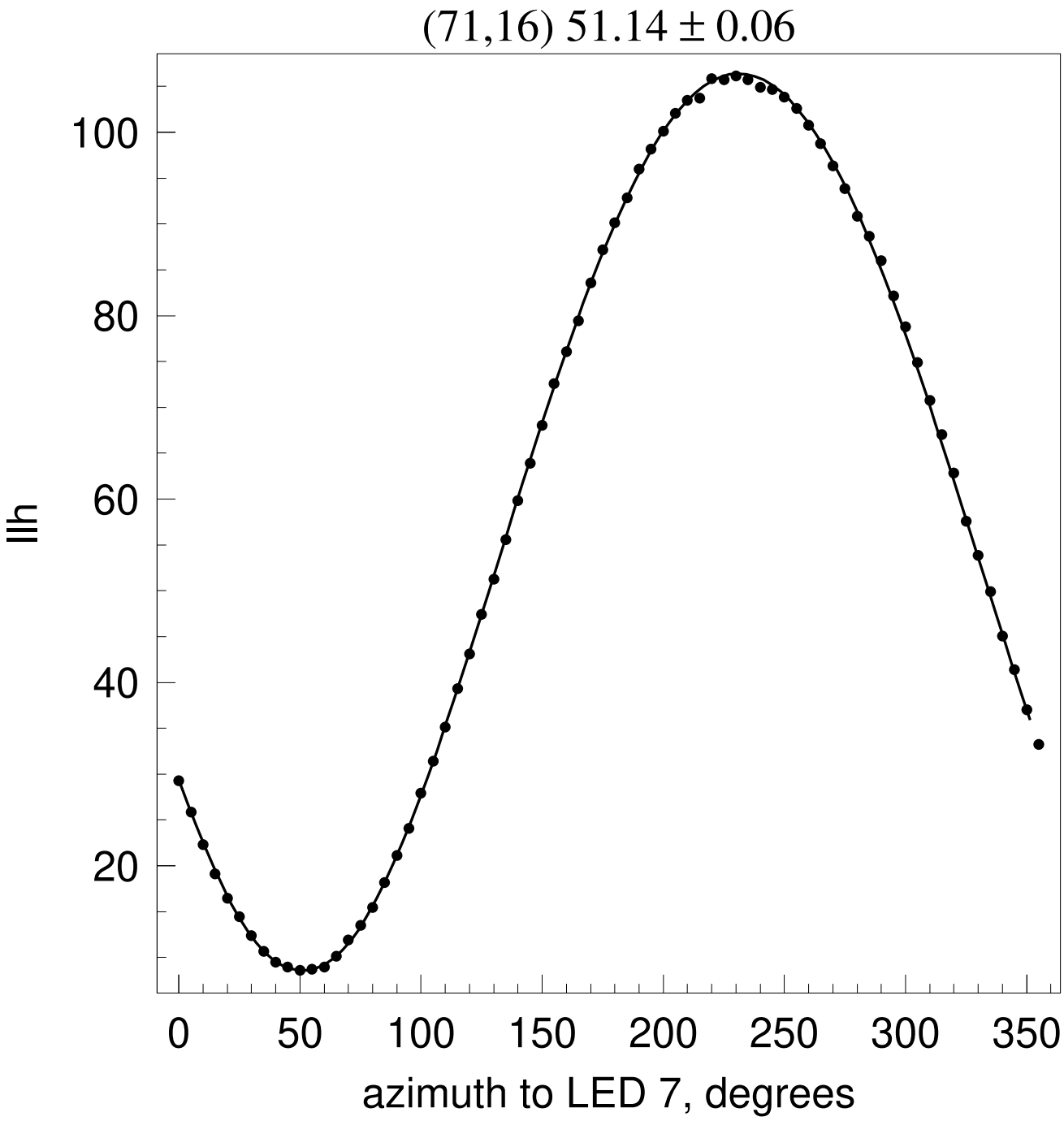

(71,11) 260.10 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

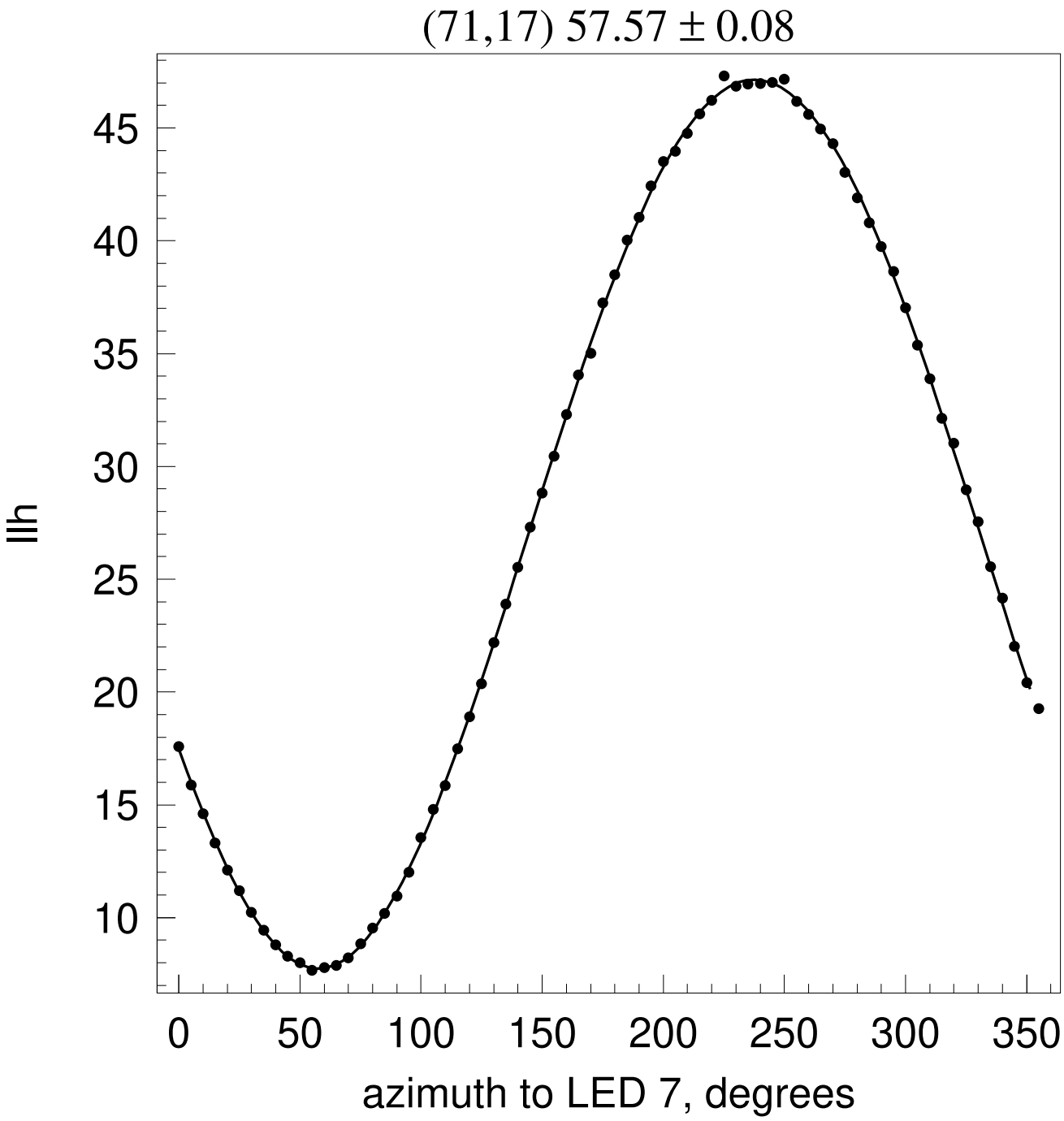

(71,12) 231.14 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

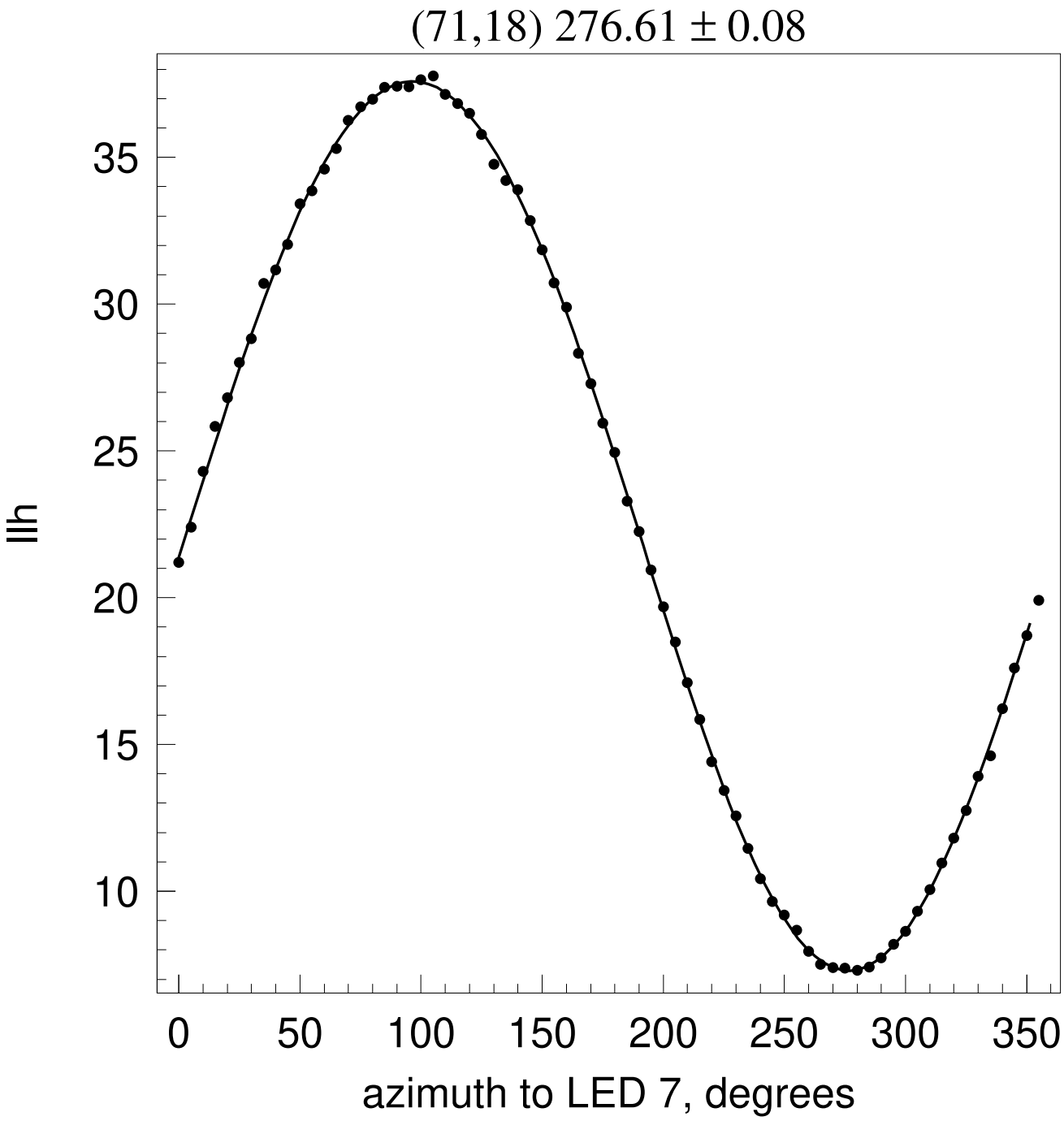

(71,13) 123.45 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

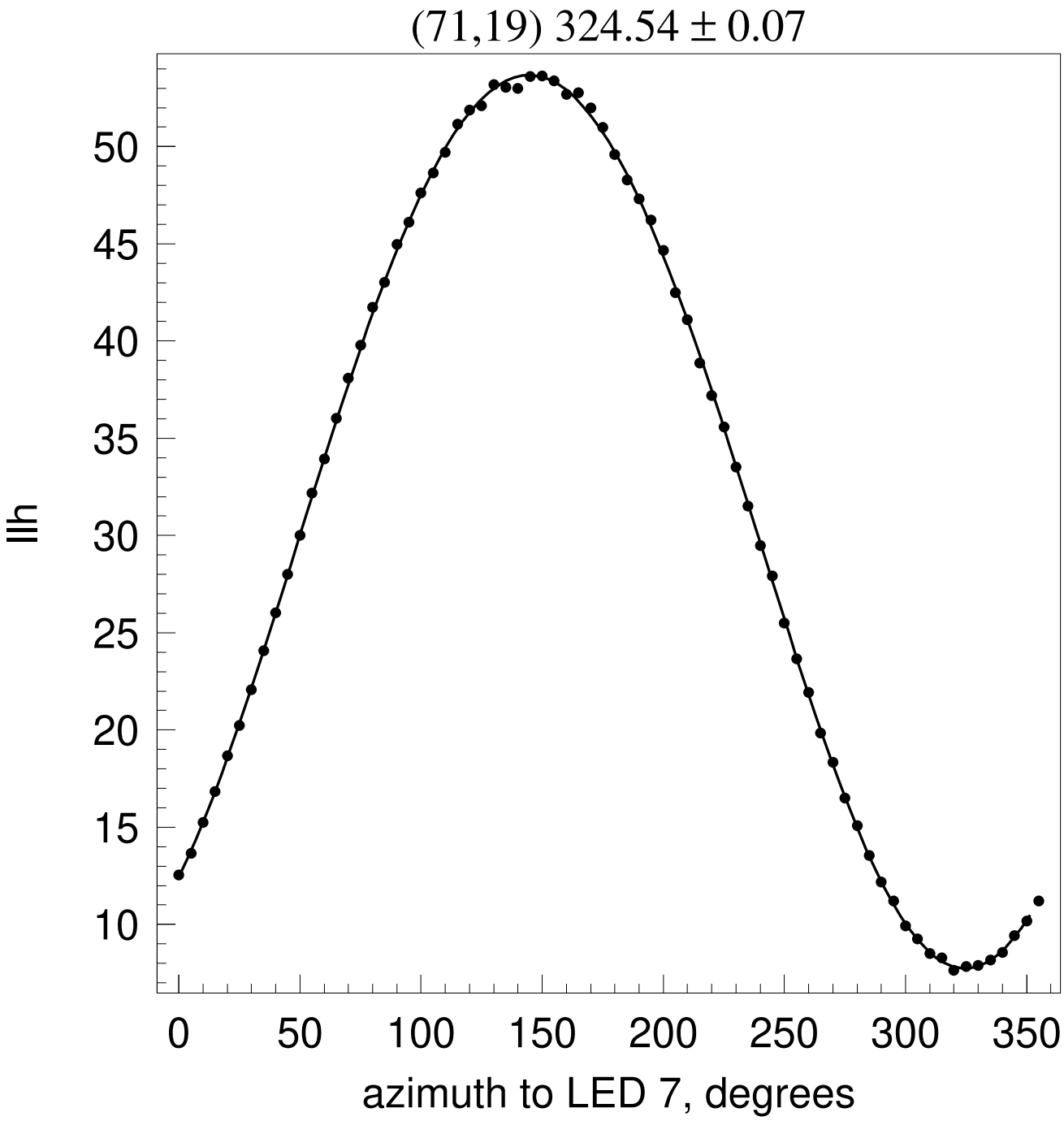

(71,14) 302.81 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

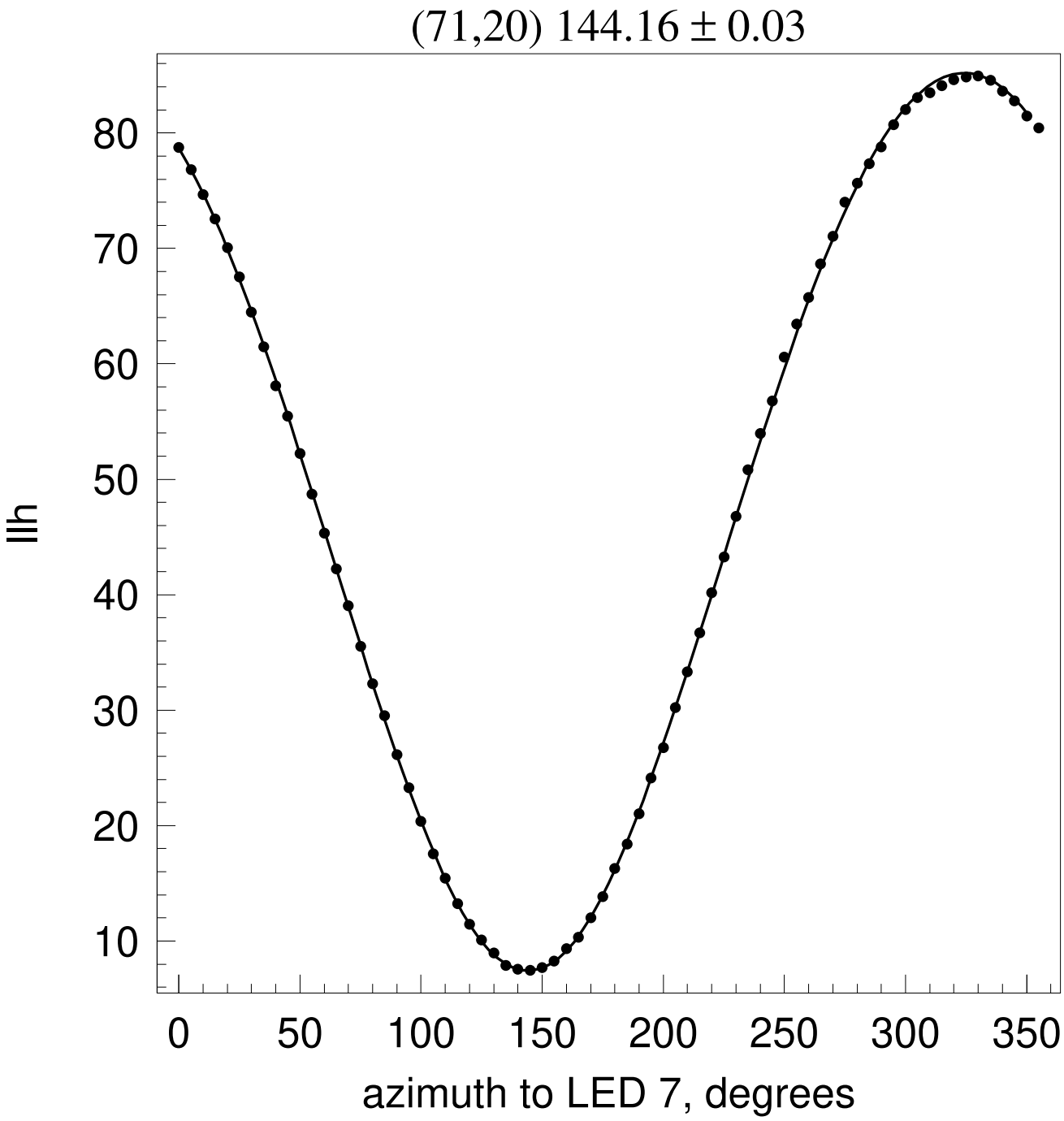

(71,15) 185.59 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

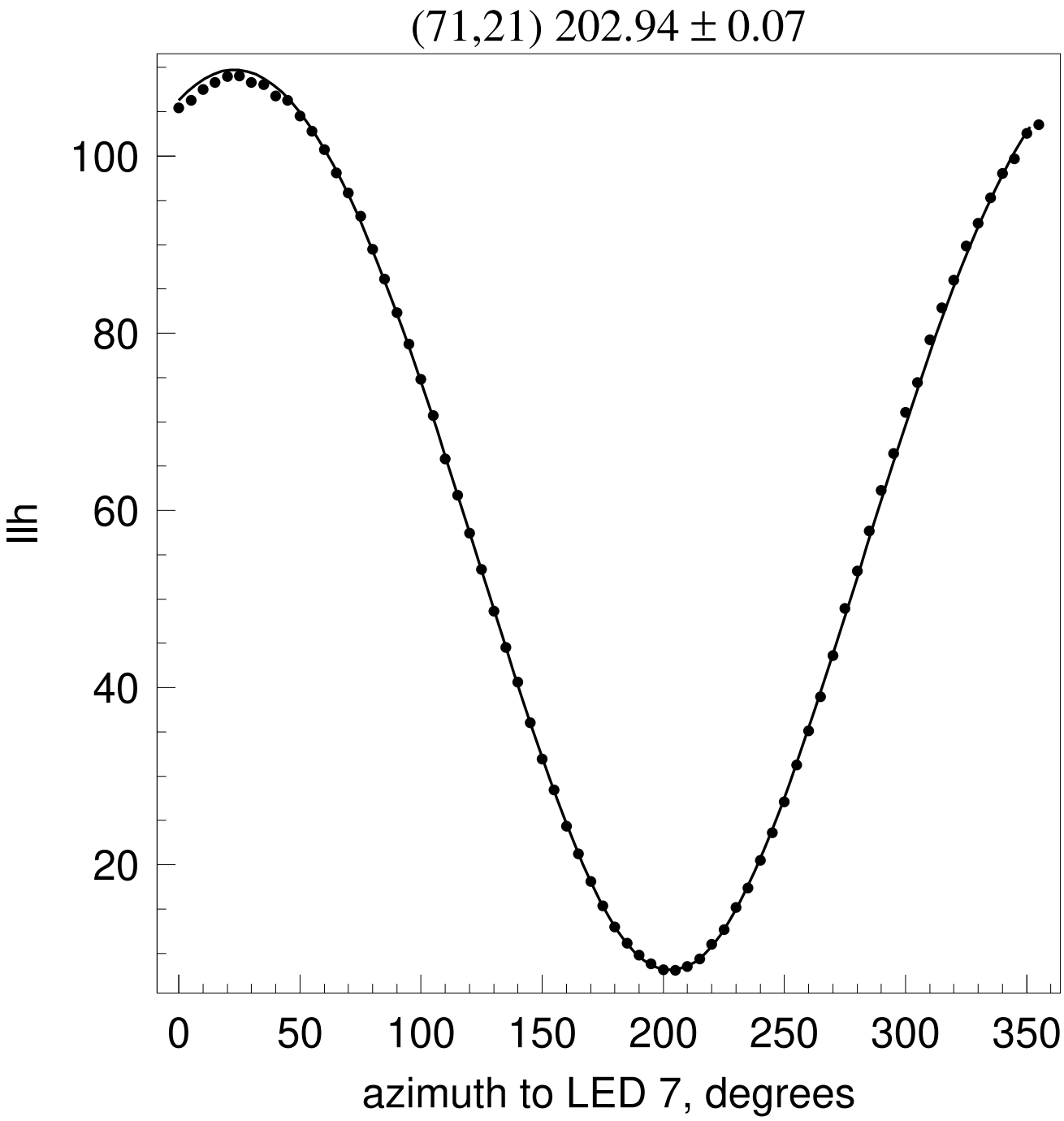

(71,16) 51.14 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

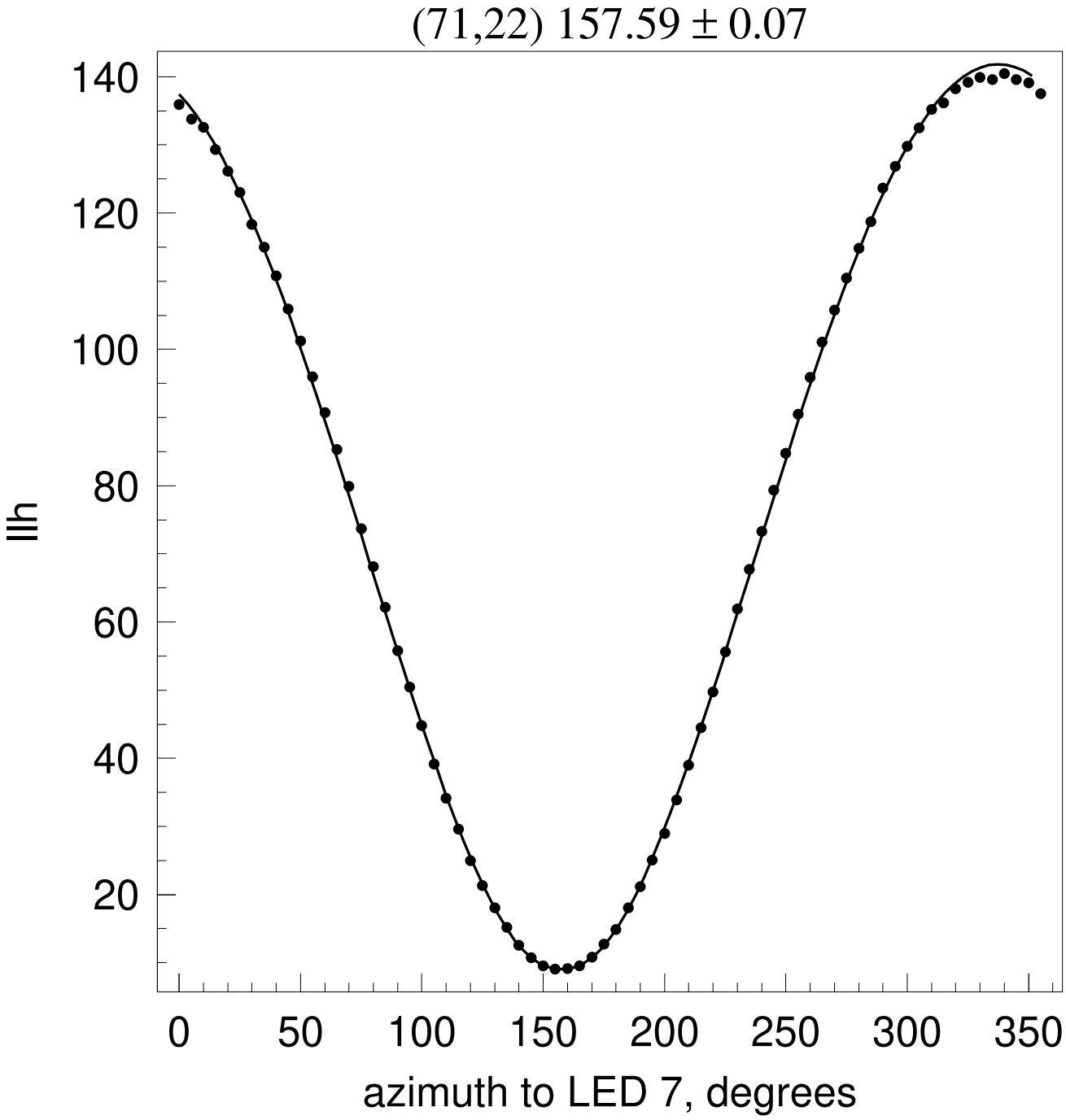

(71,17) 57.57 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

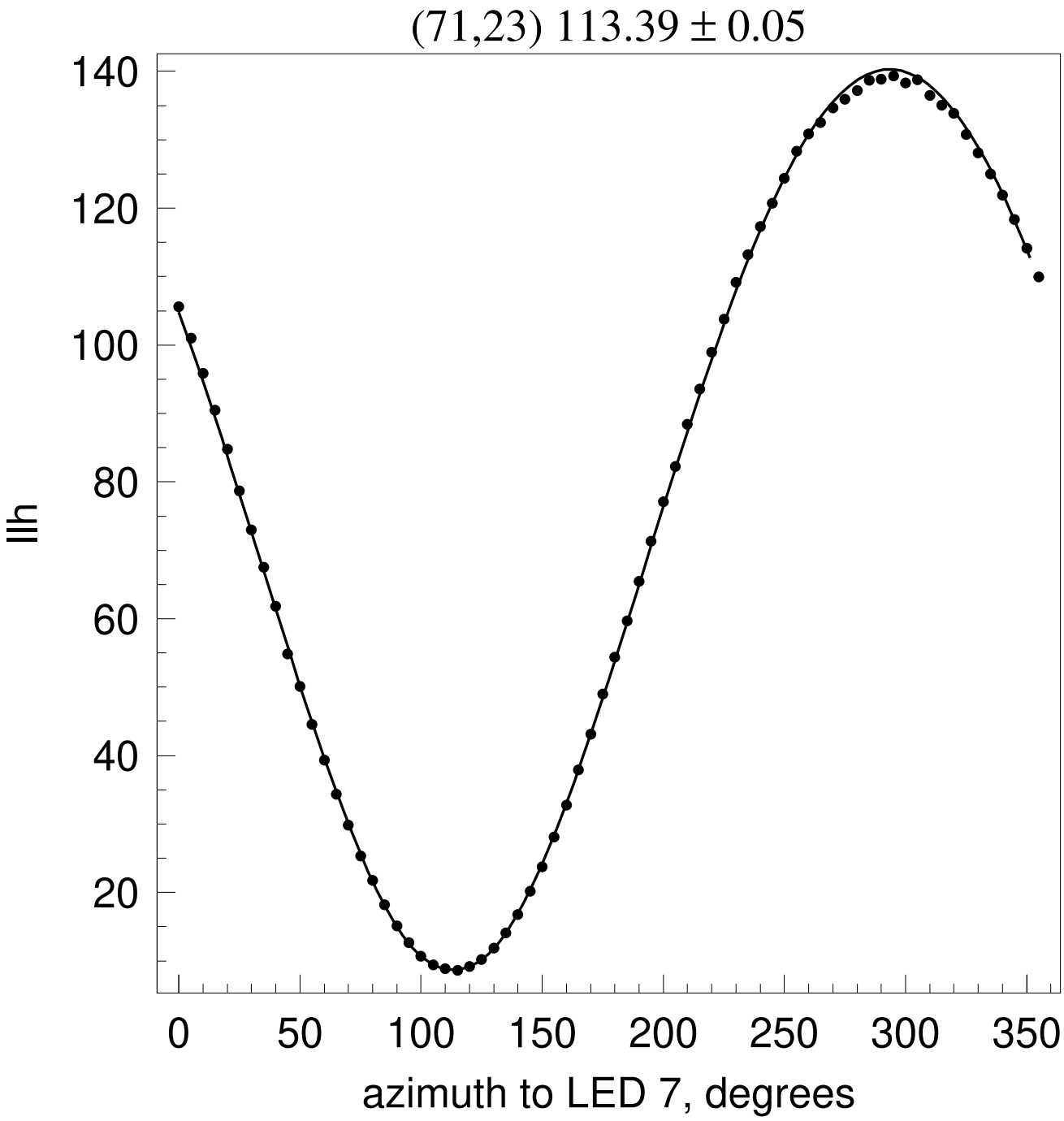

(71,18) 276.61 ± 0.08
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

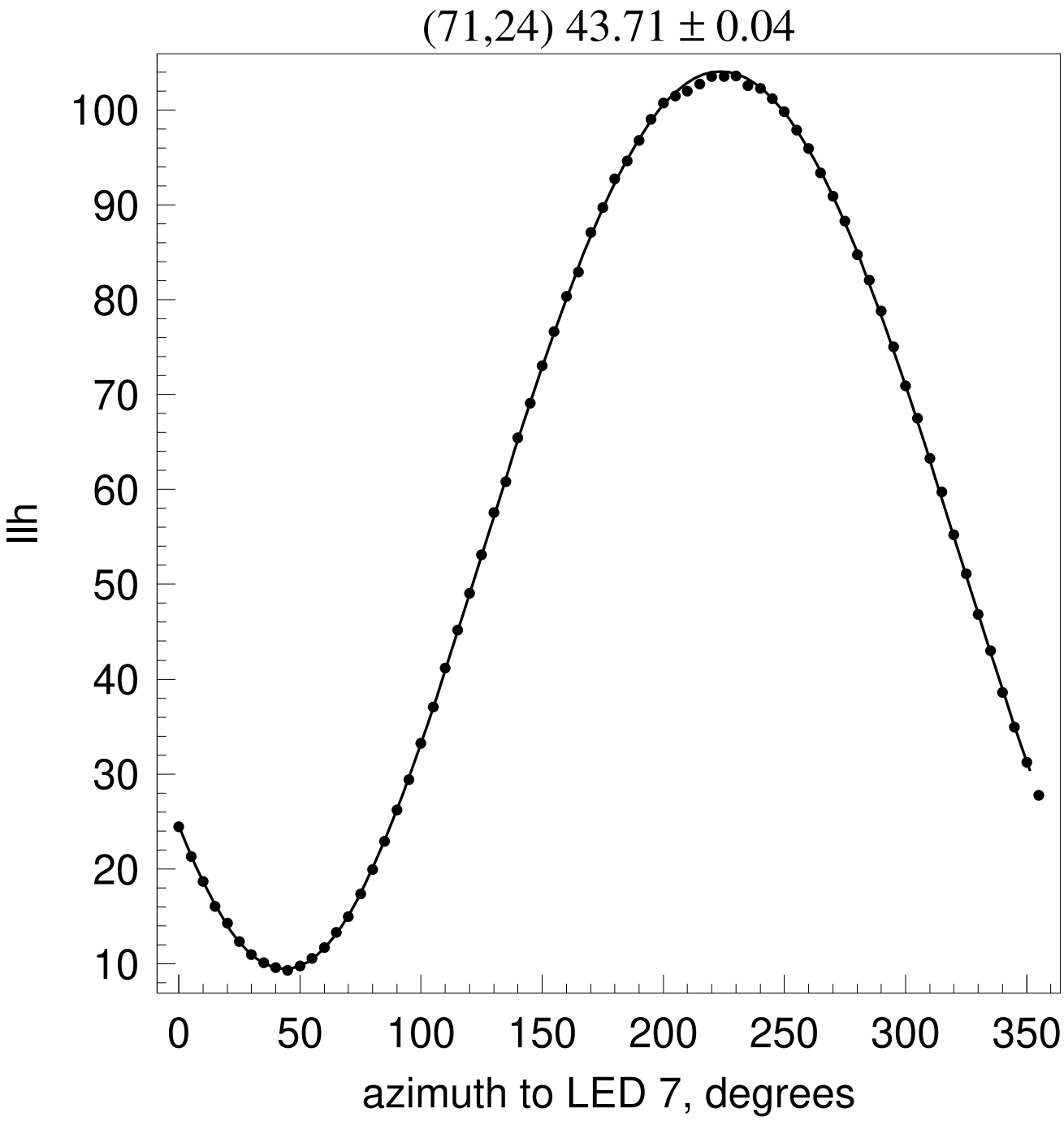

(71,19) 324.54 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

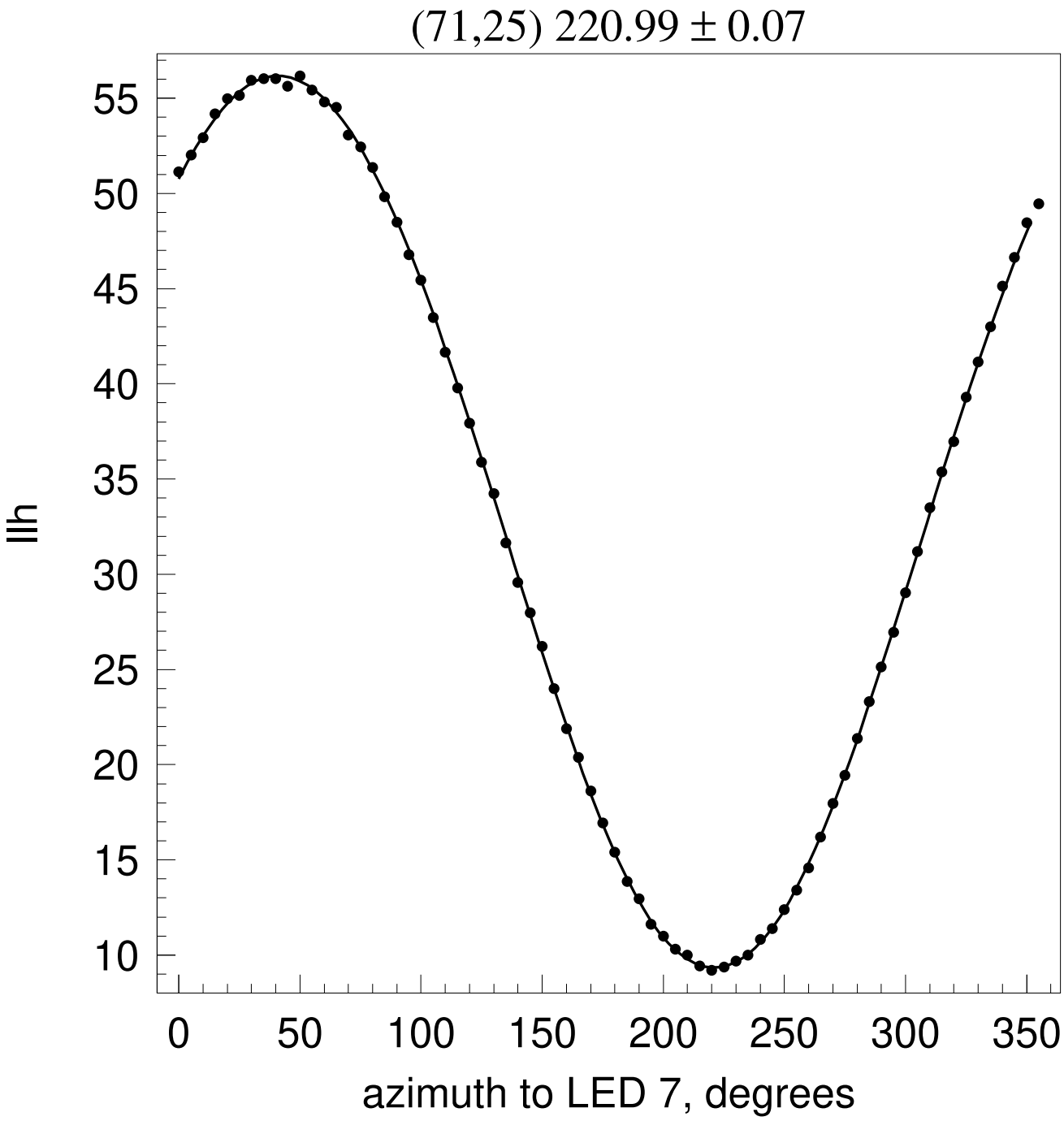

(71,20) 144.16 ± 0.03
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

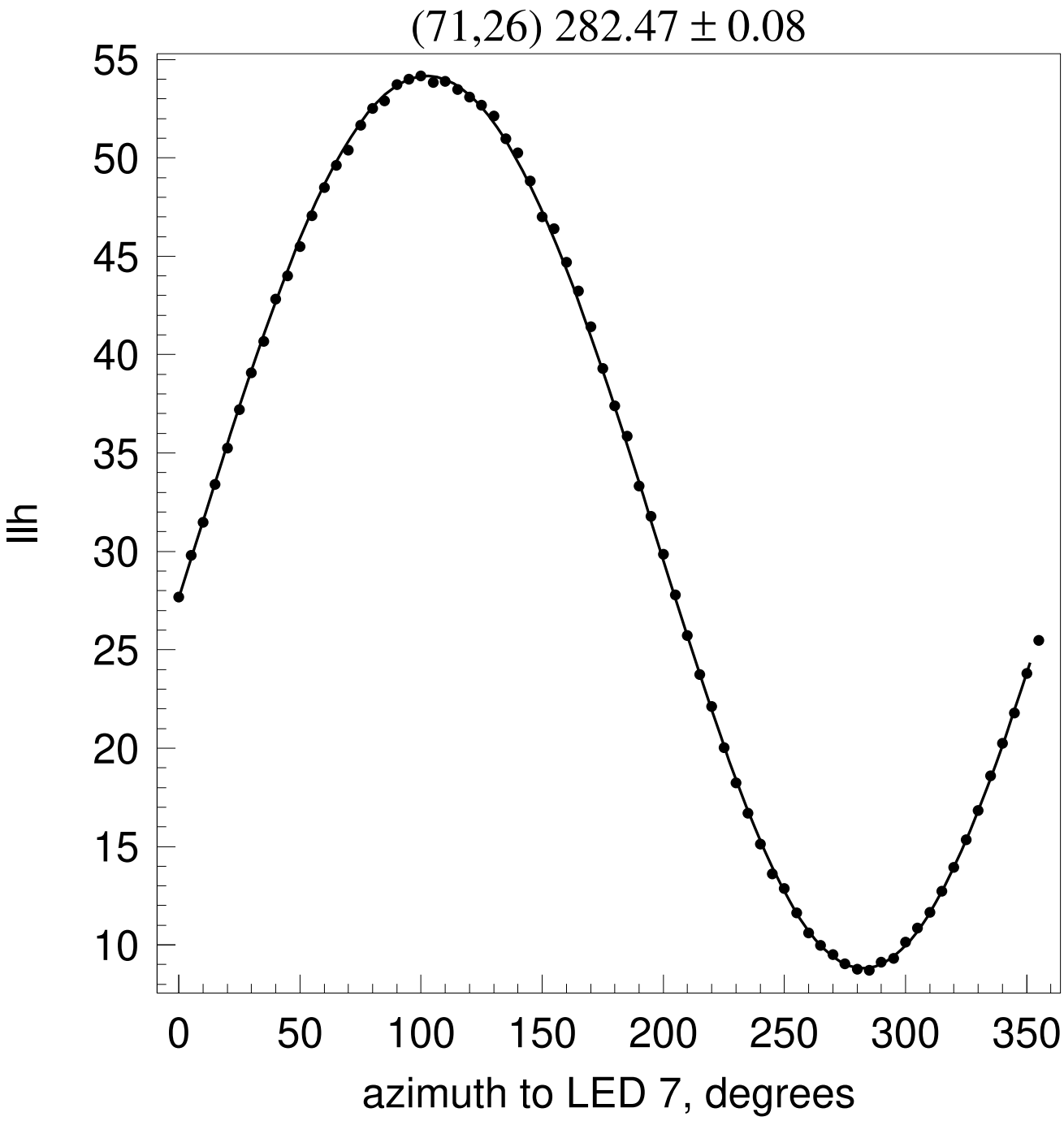

(71,21) 202.94 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

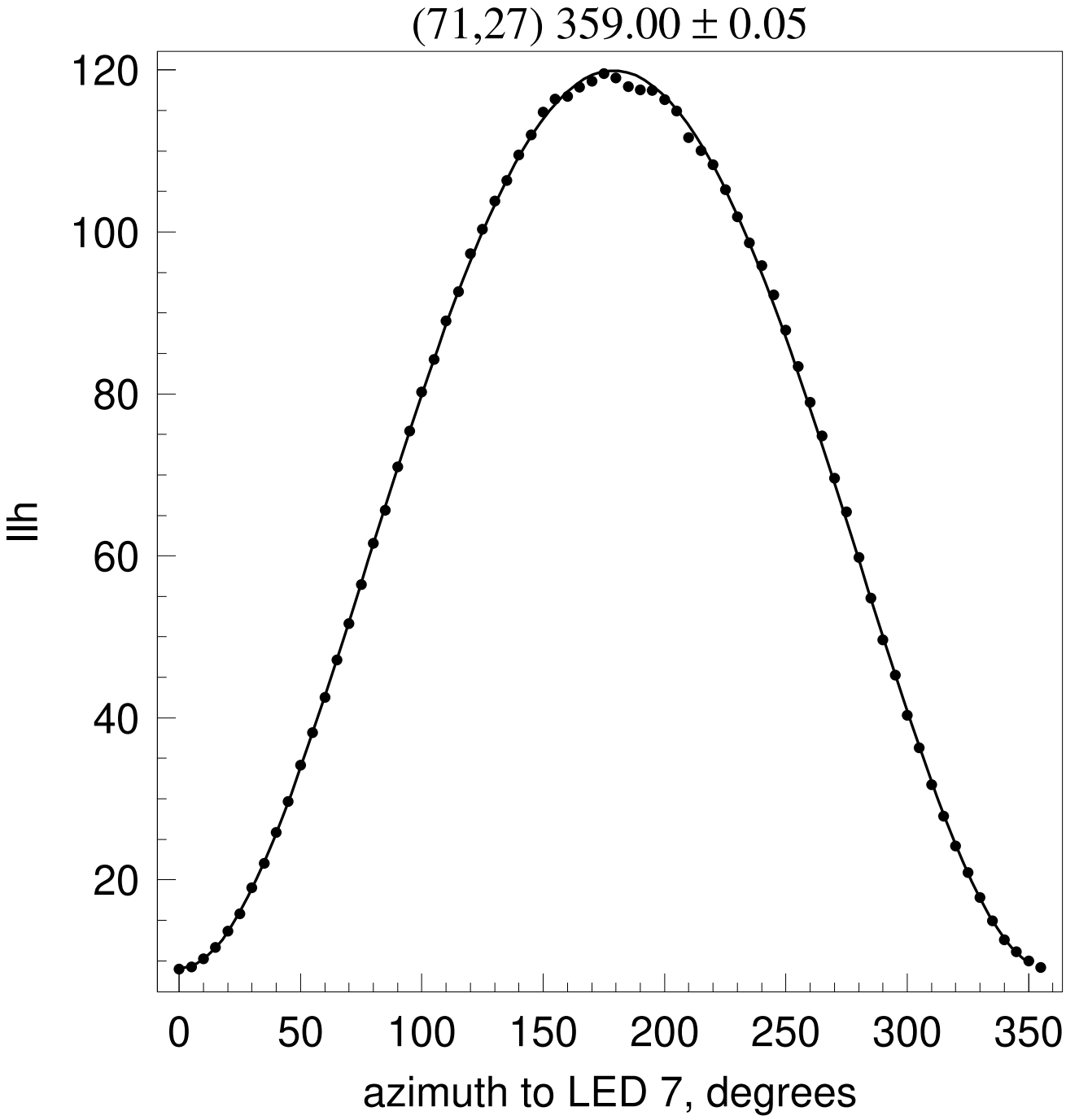

(71,22) 157.59 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

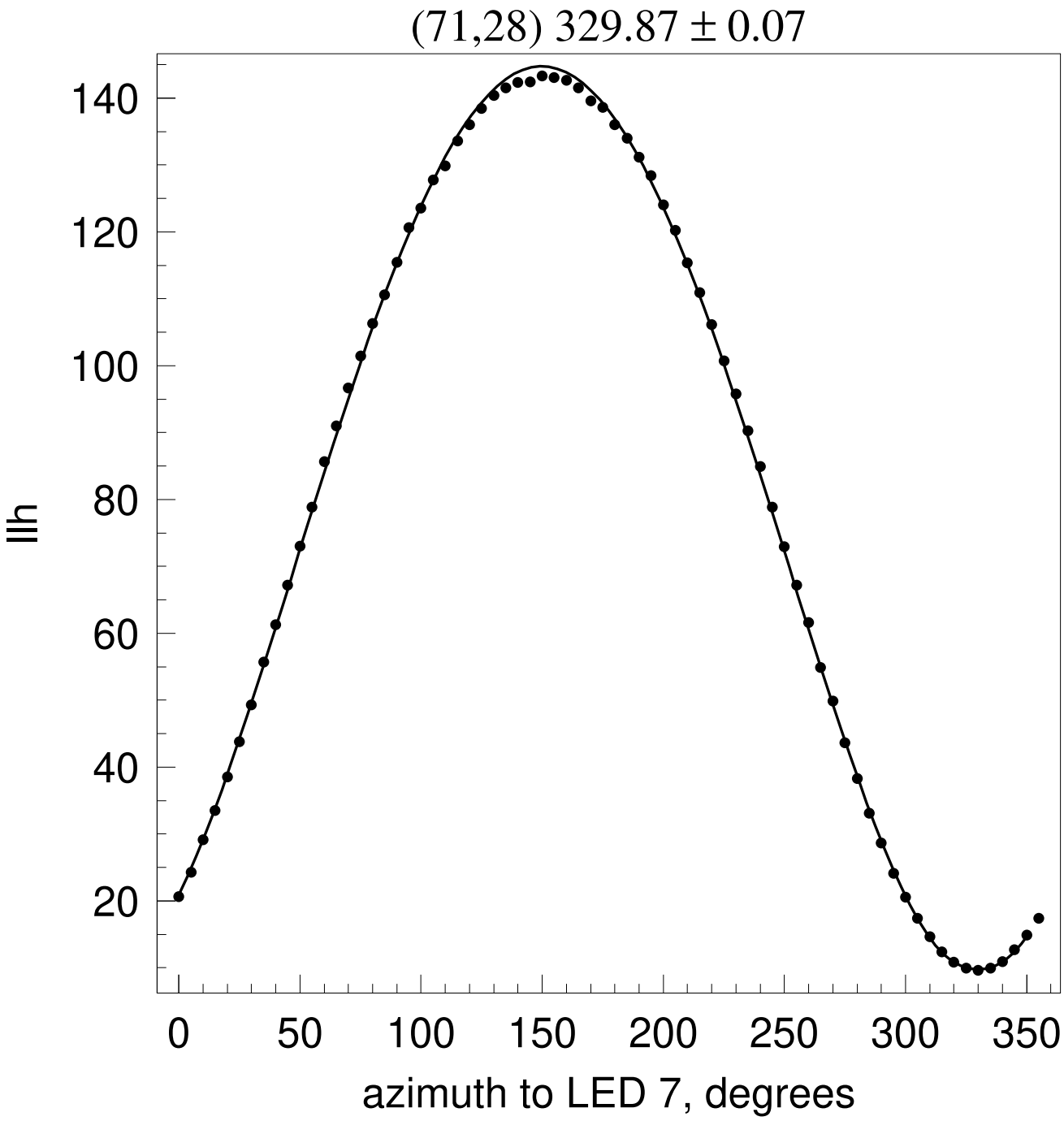

(71,23) 113.39 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

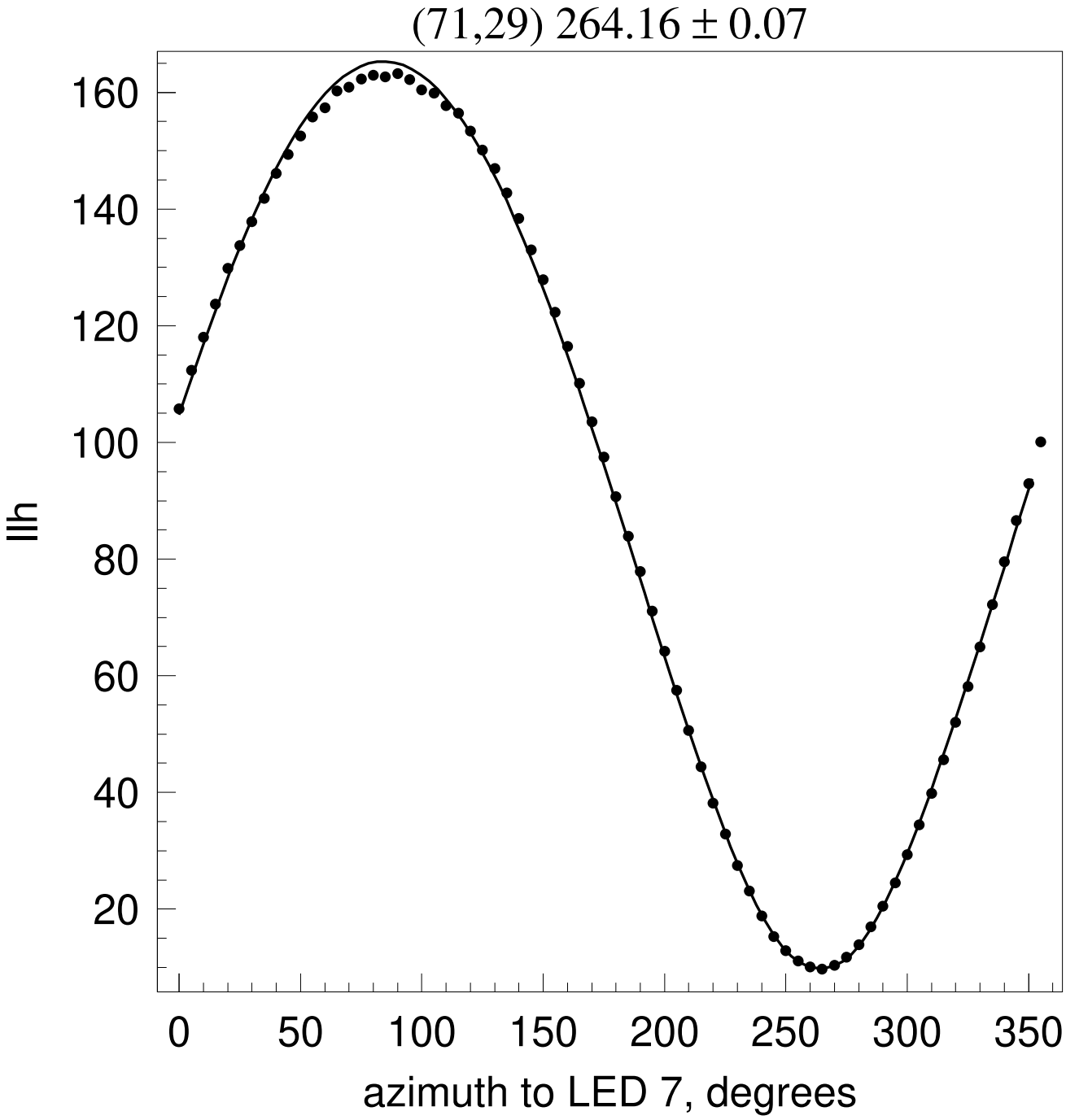

(71,24) 43.71 ± 0.04
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

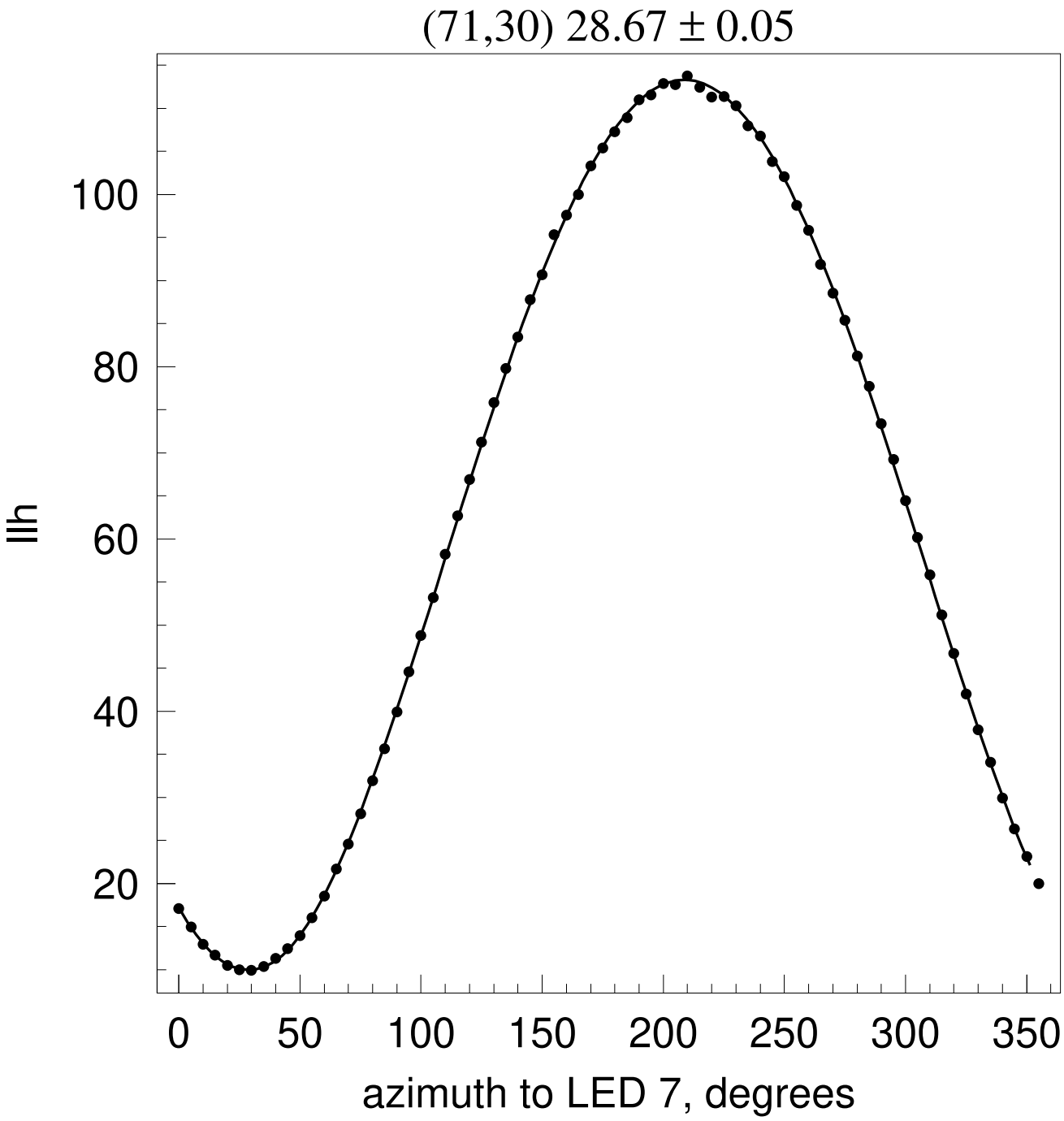

(71,25) 220.99 ± 0.07
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

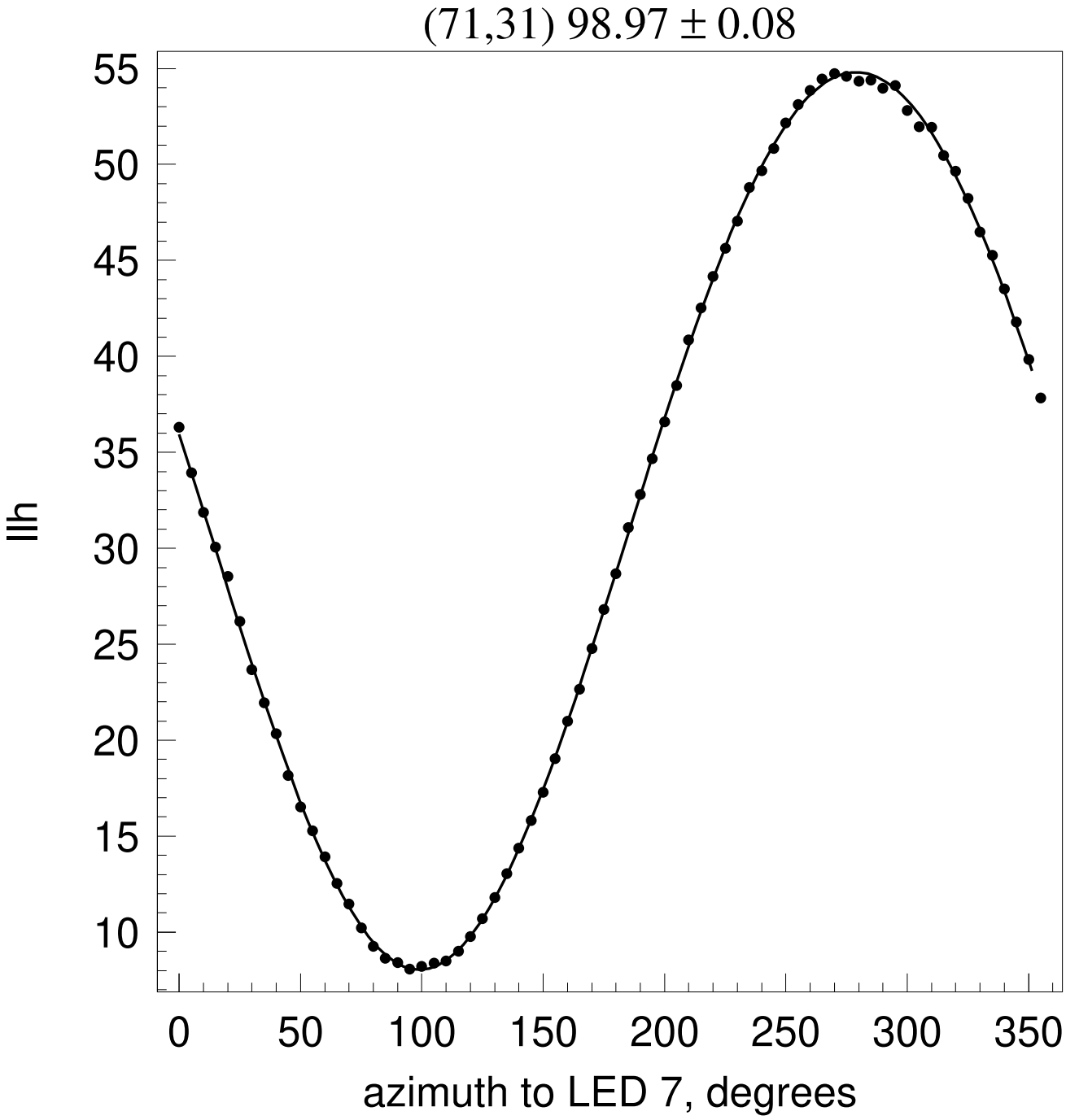

(71,26) 282.47 ± 0.08
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

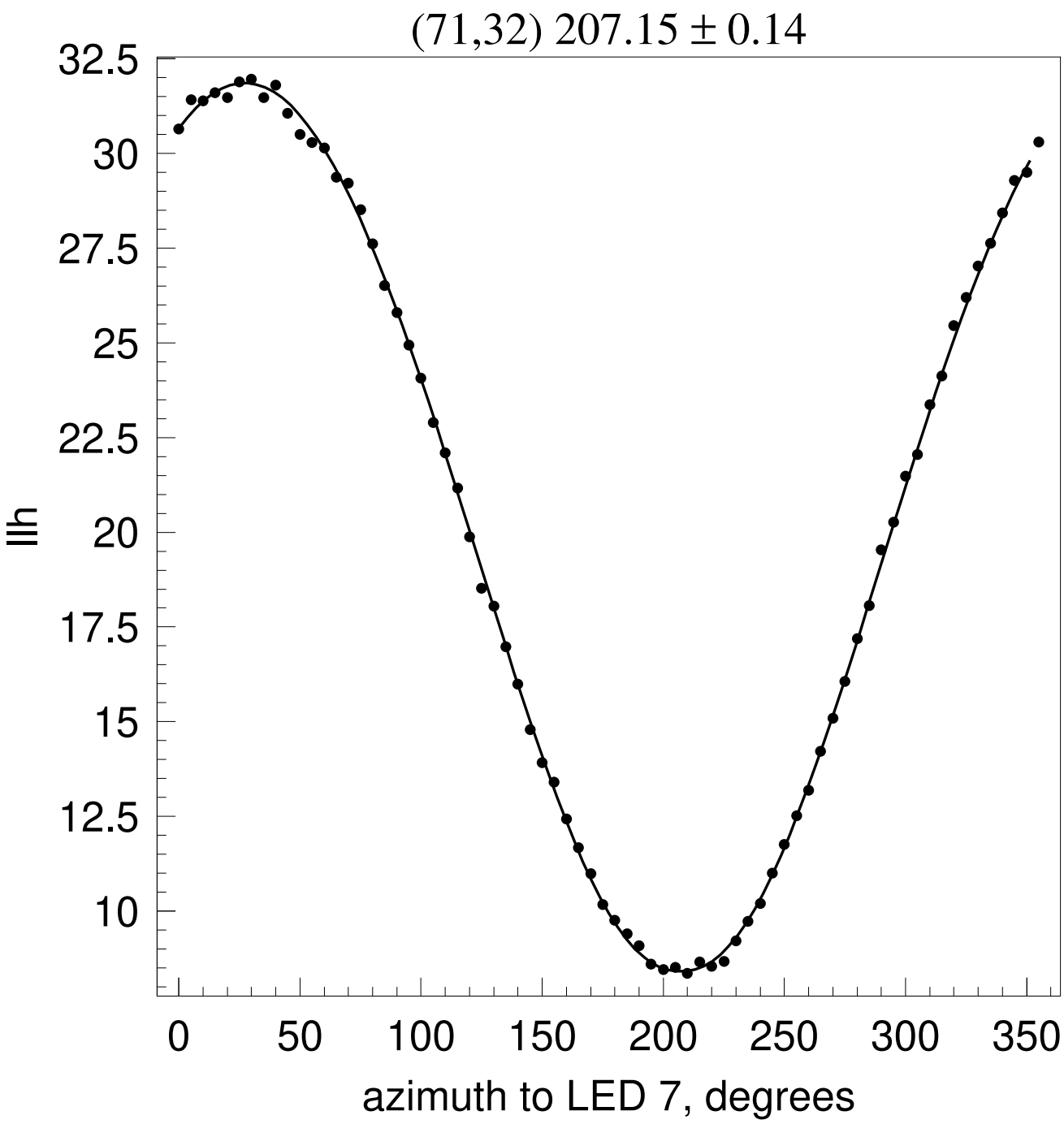

(71,27) 359.00 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

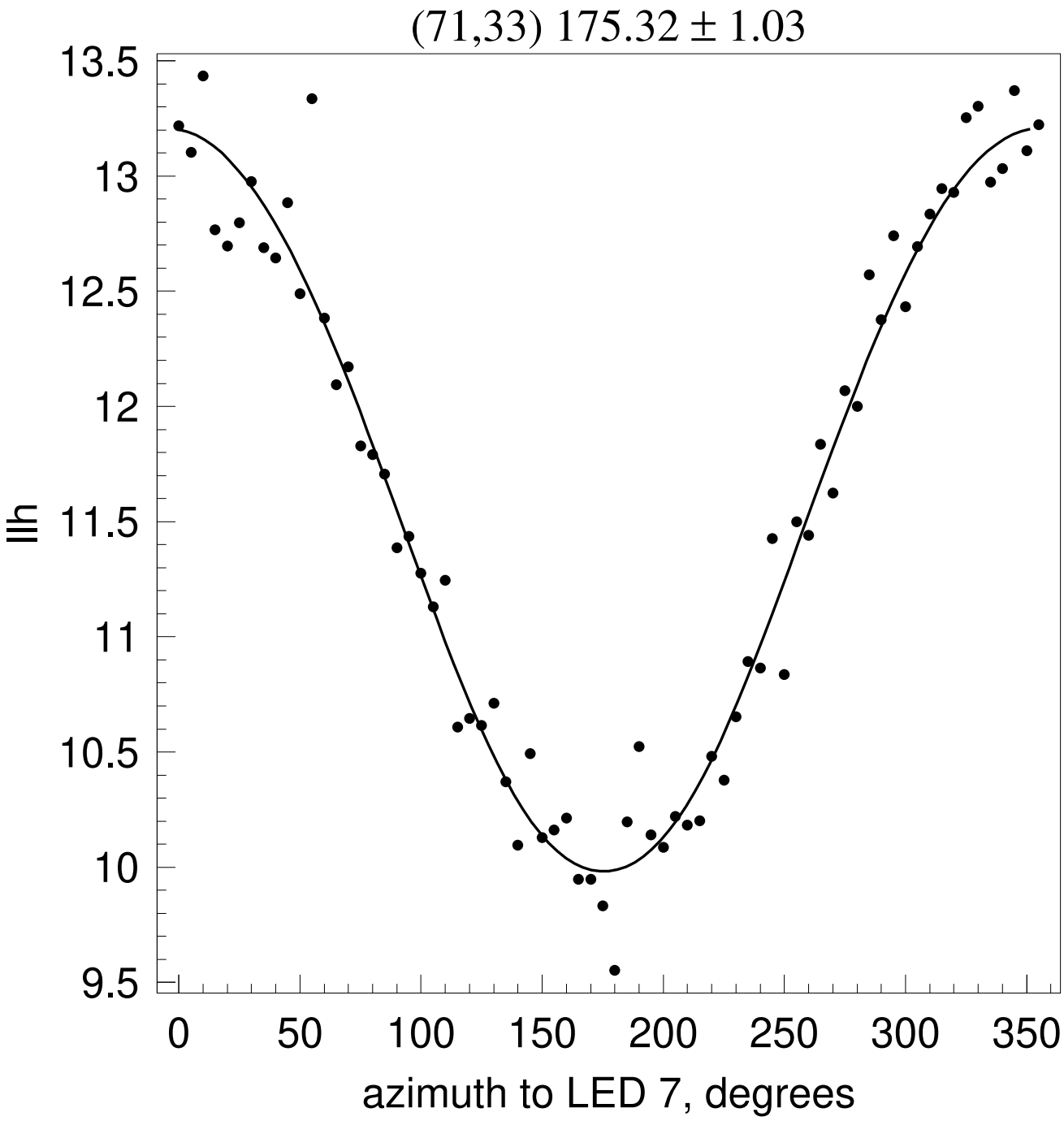

(71,28) 329.87 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

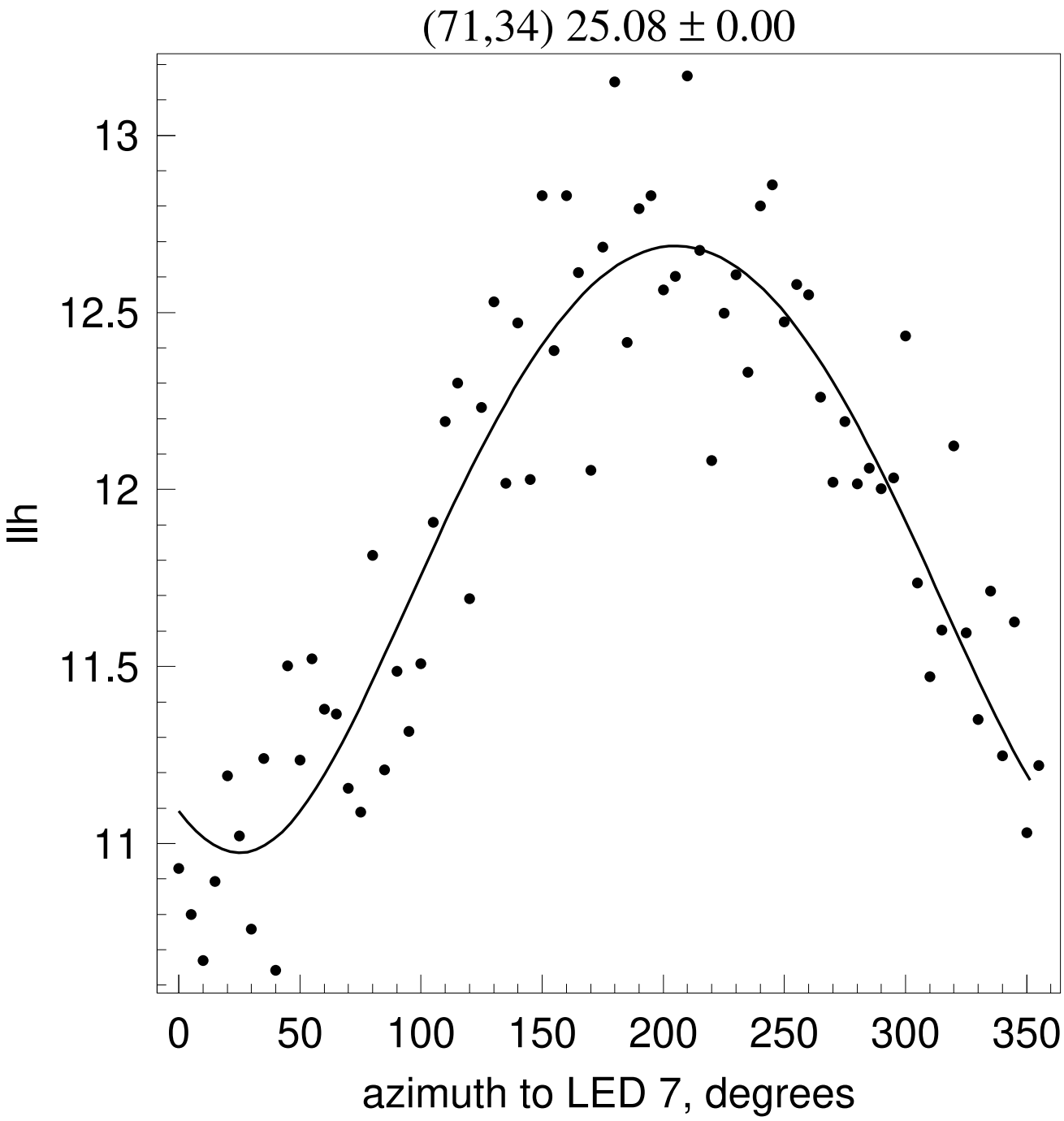

(71,29) 264.16 ± 0.07
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

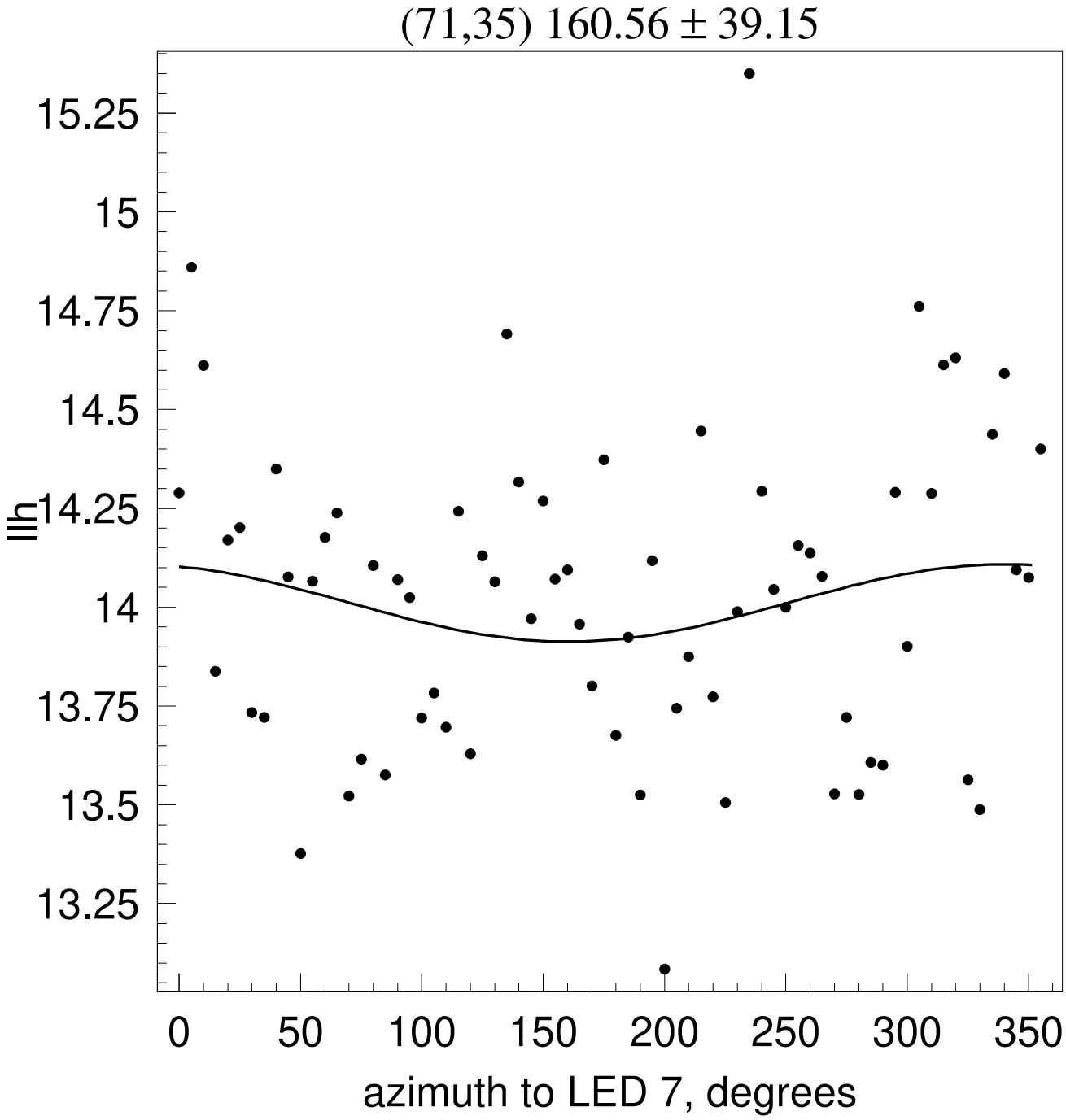

(71,30) 28.67 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

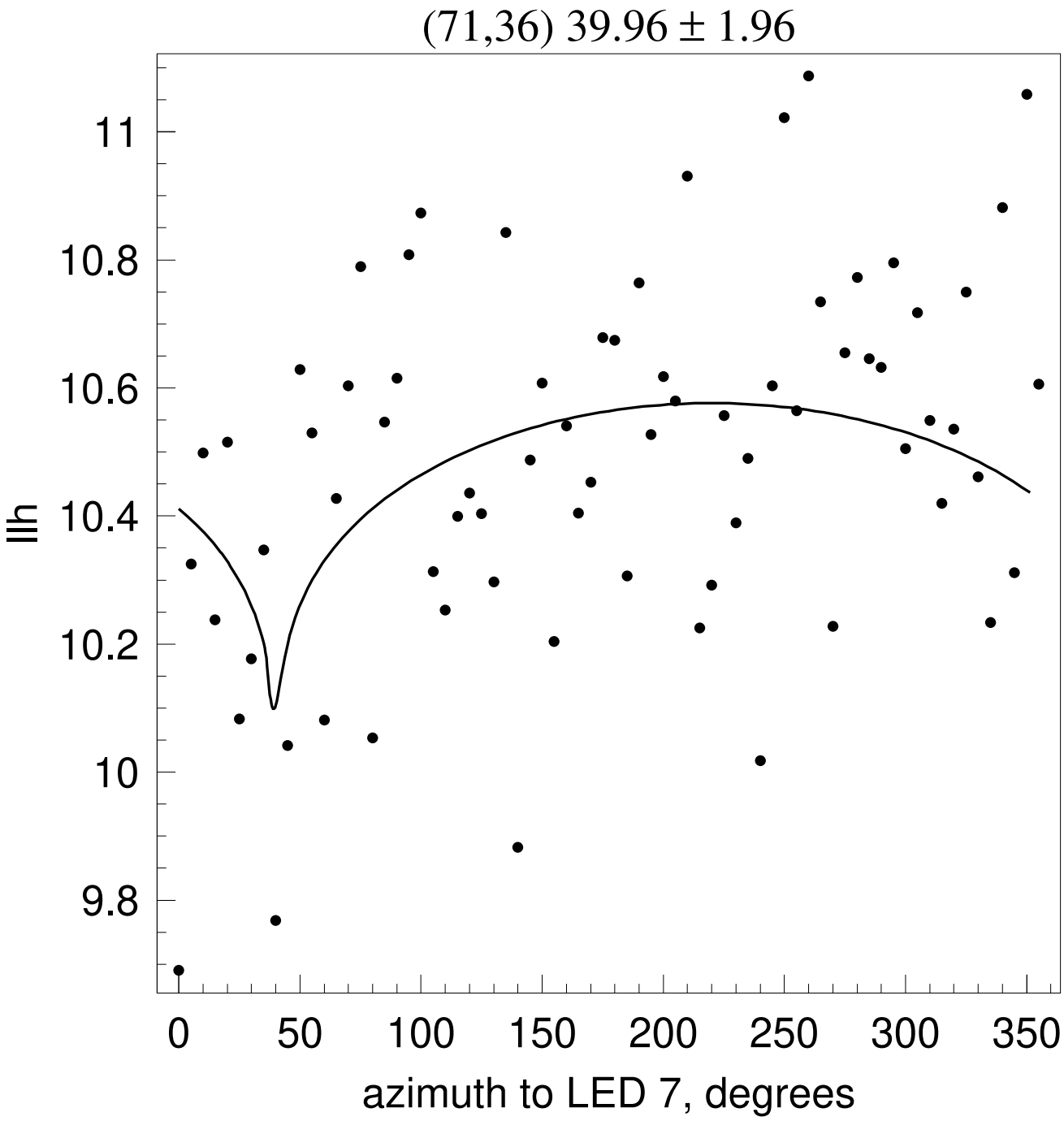

(71,31) 98.97 ± 0.08
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

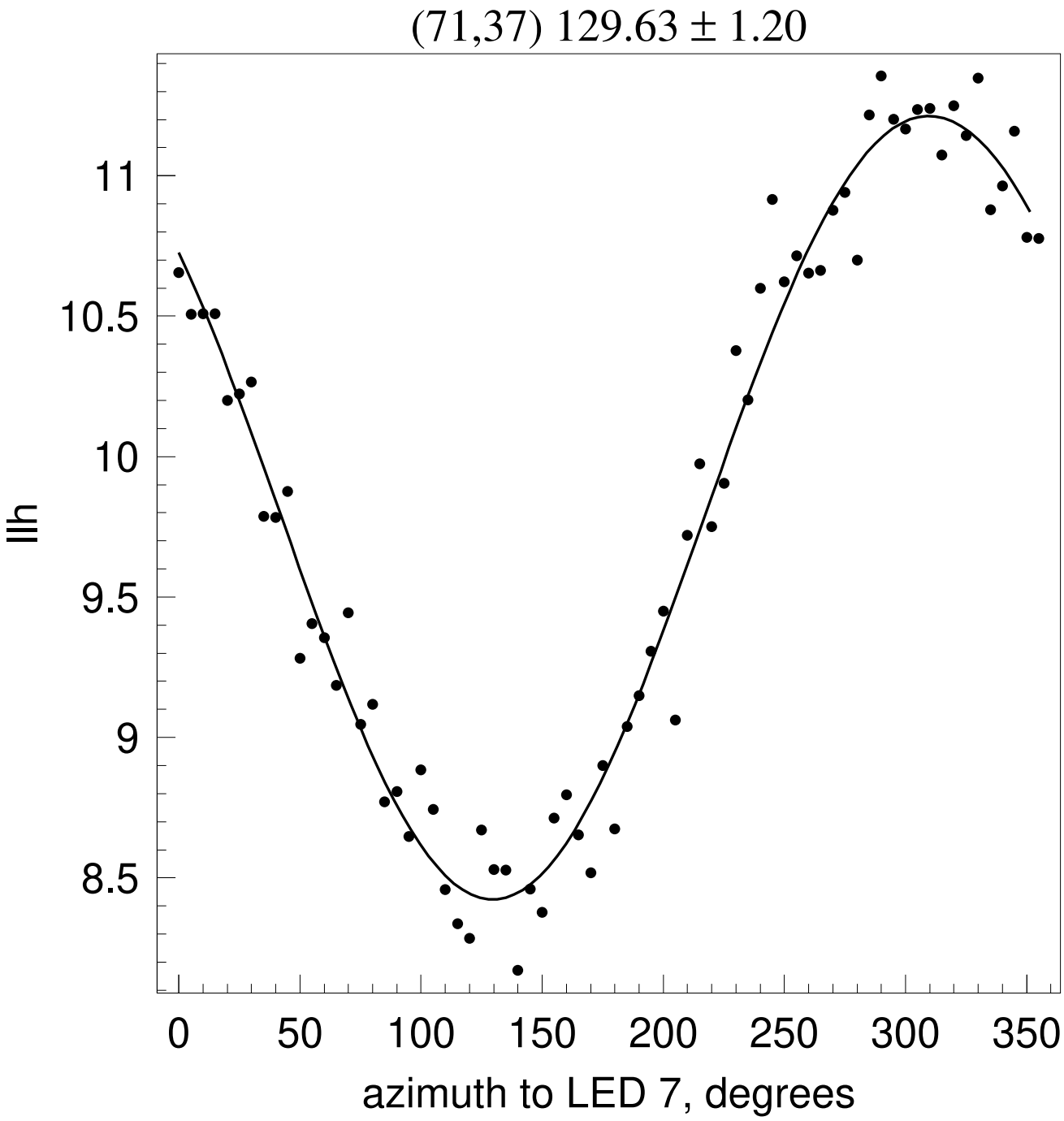

(71,32) 207.15 ± 0.14
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

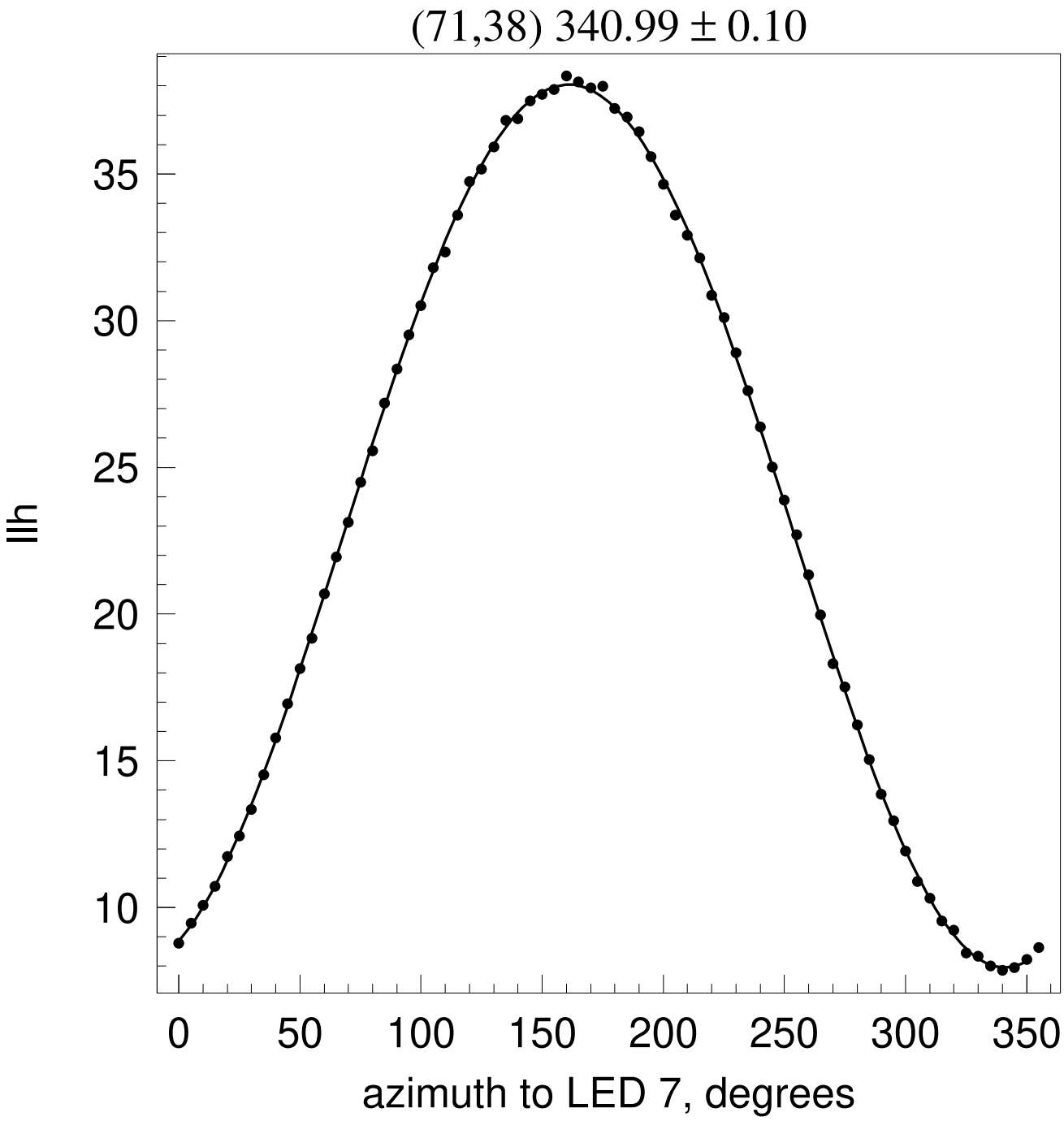

(71,33) 175.32 ± 1.03
13.5
13
12.5
12
11.5
11
10.5
10
9.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

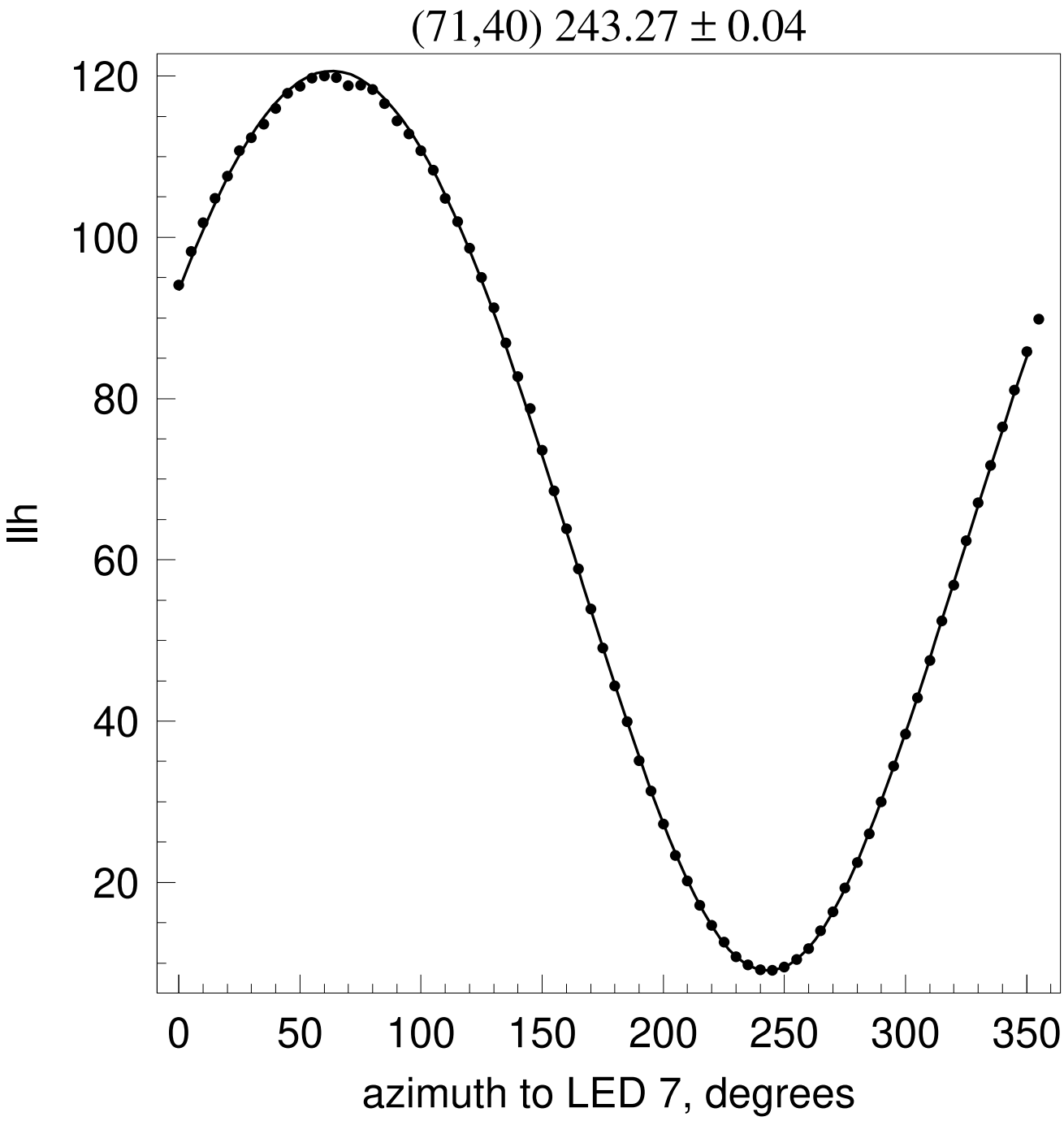

(71,34) 25.08 ± 0.00
13
12.5
12
11.5
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

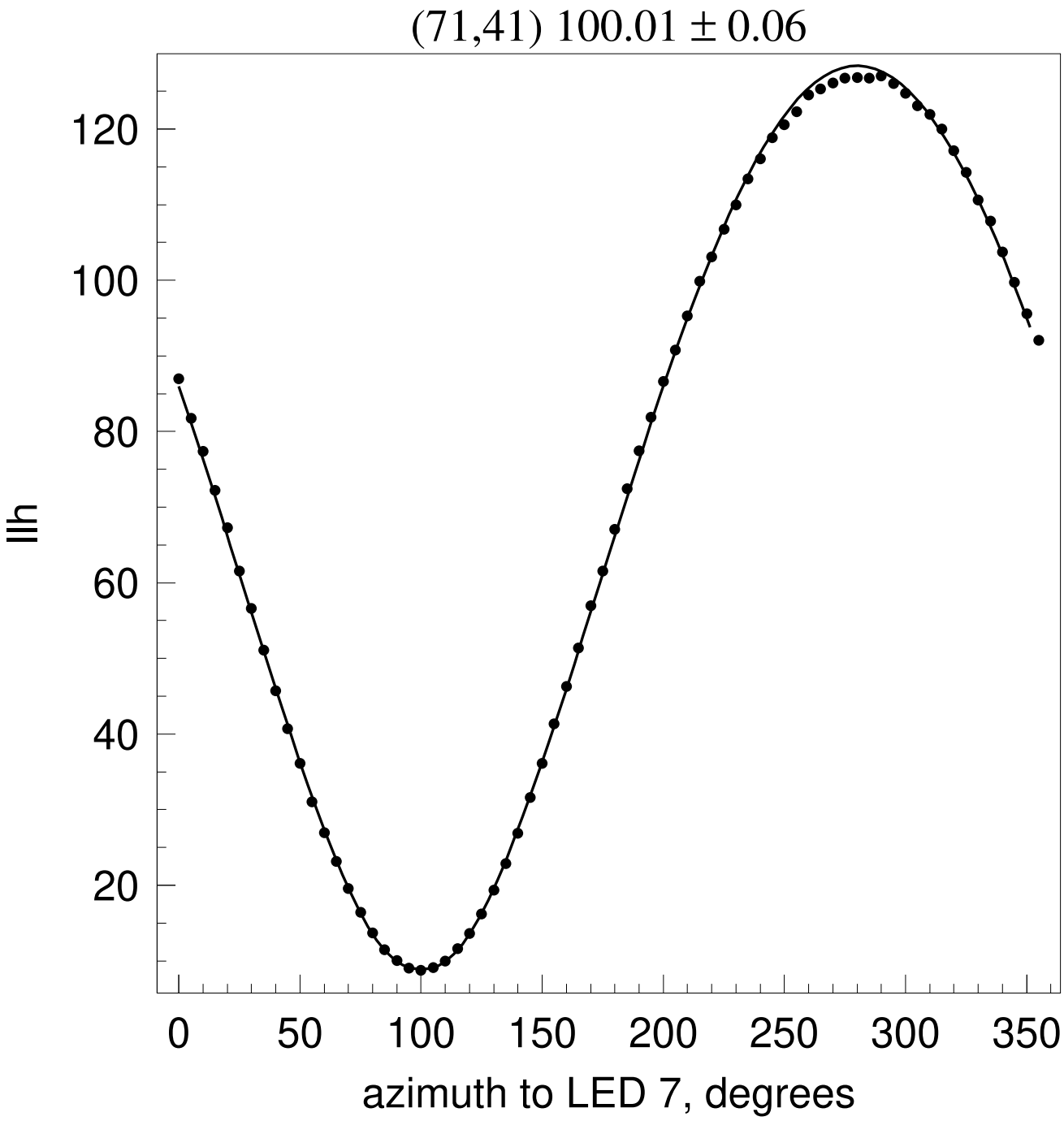

(71,35) 160.56 ± 39.15
15.25
15
14.75
14.5
14.25
14
13.75
13.5
13.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

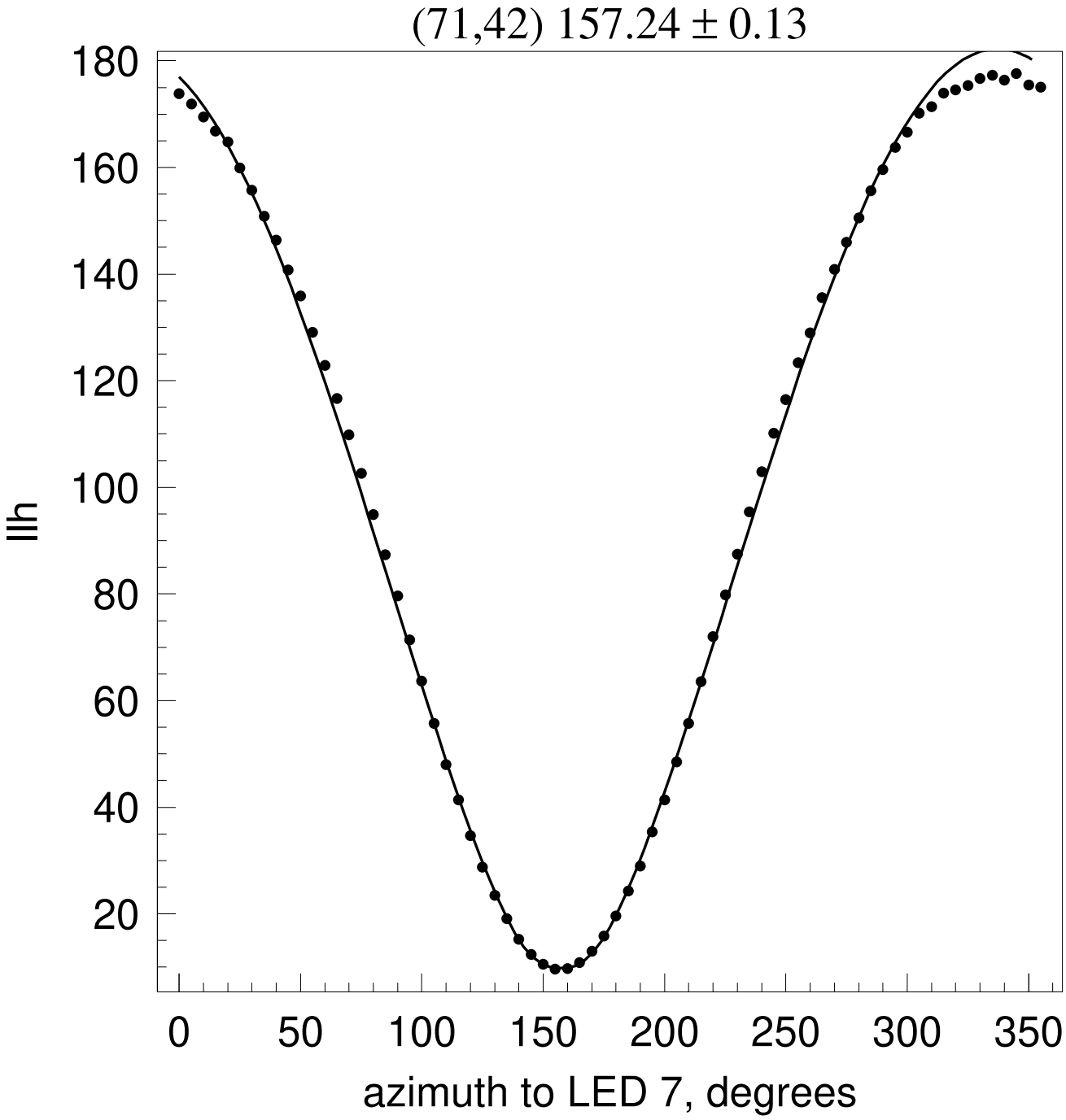

(71,36) 39.96 ± 1.96
11
10.8
10.6
10.4
10.2
10
9.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

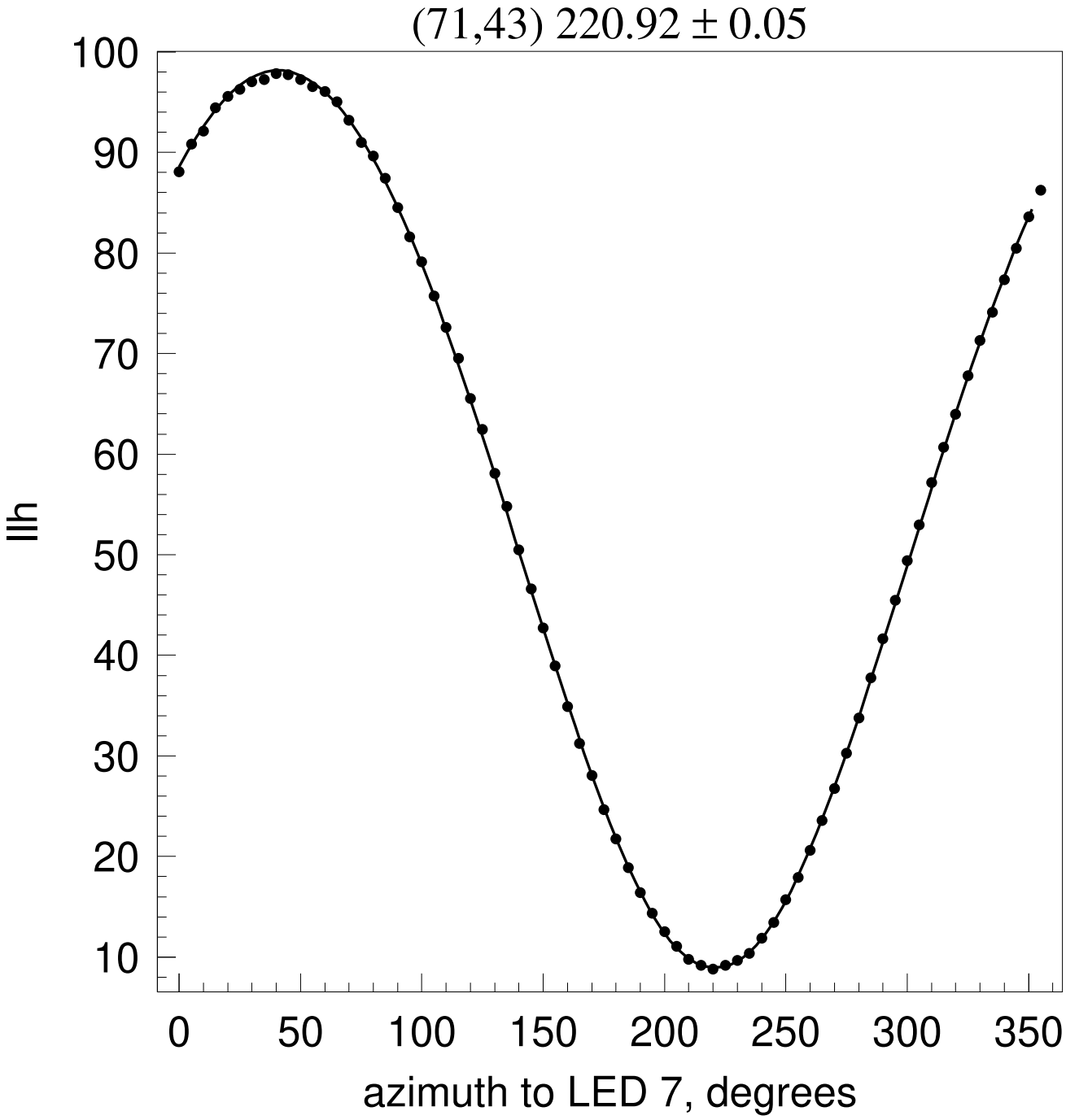

(71,37) 129.63 ± 1.20
11
10.5
10
9.5
9
8.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

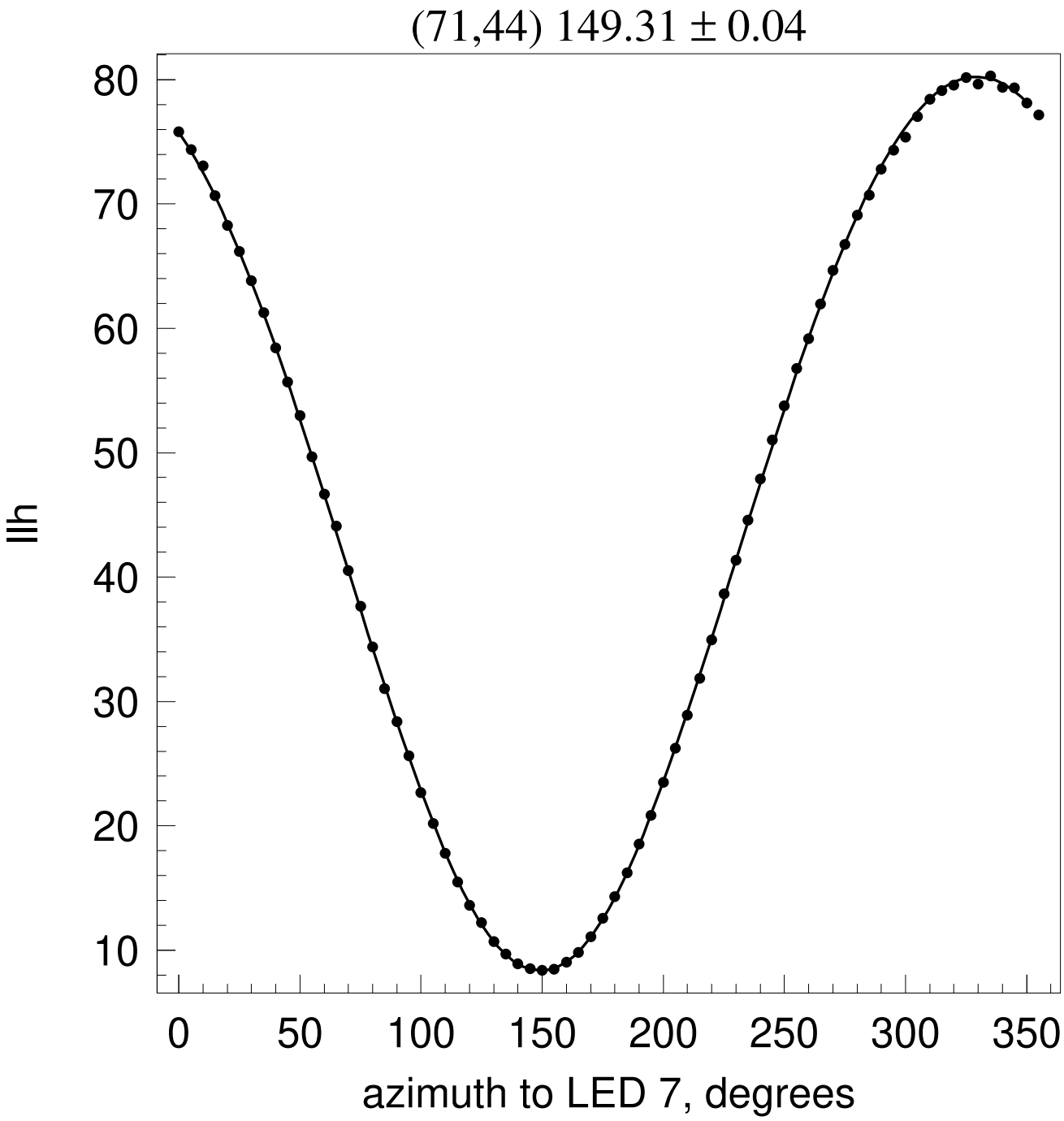

(71,38) 340.99 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

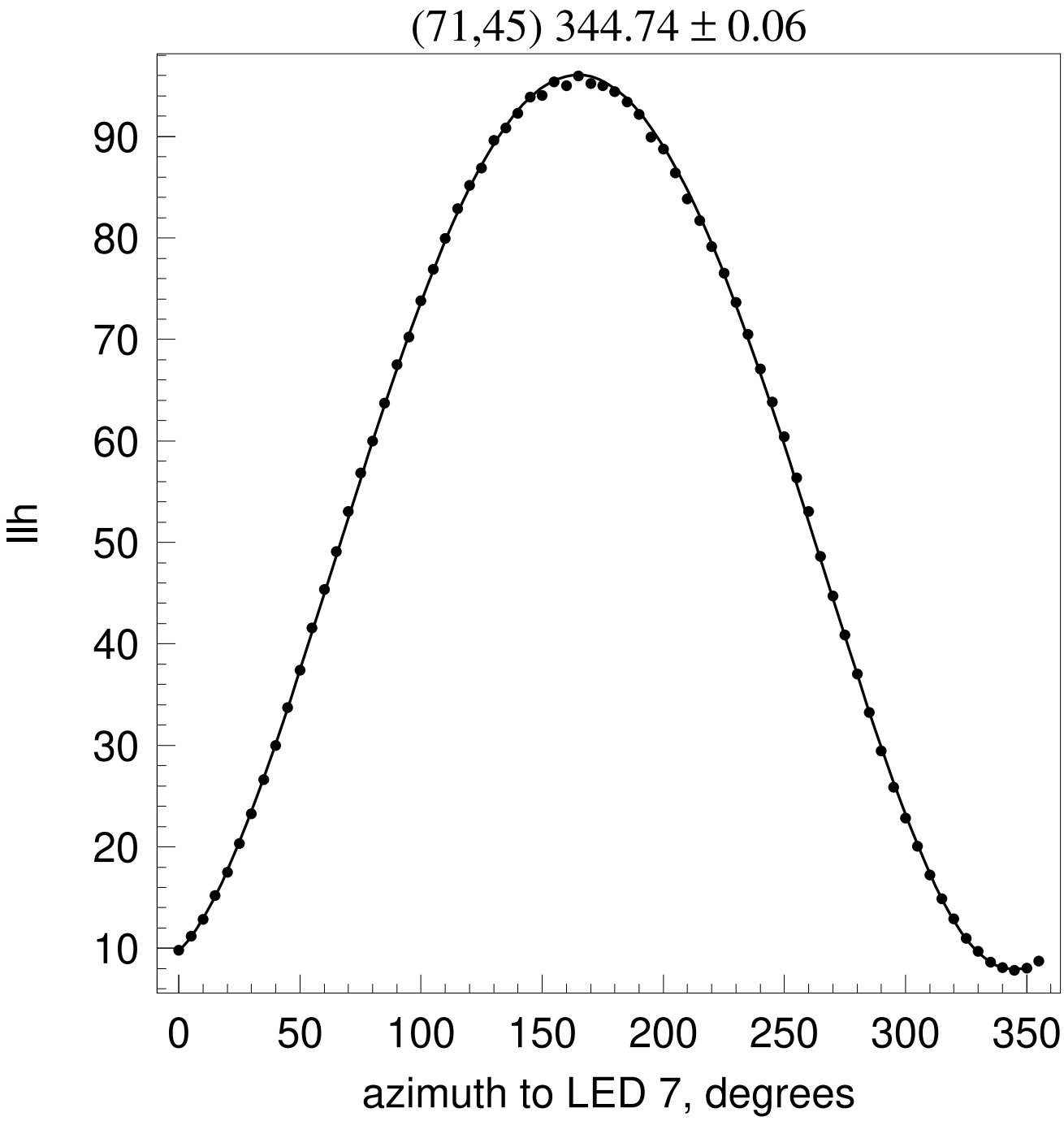

(71,40) 243.27 ± 0.04
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

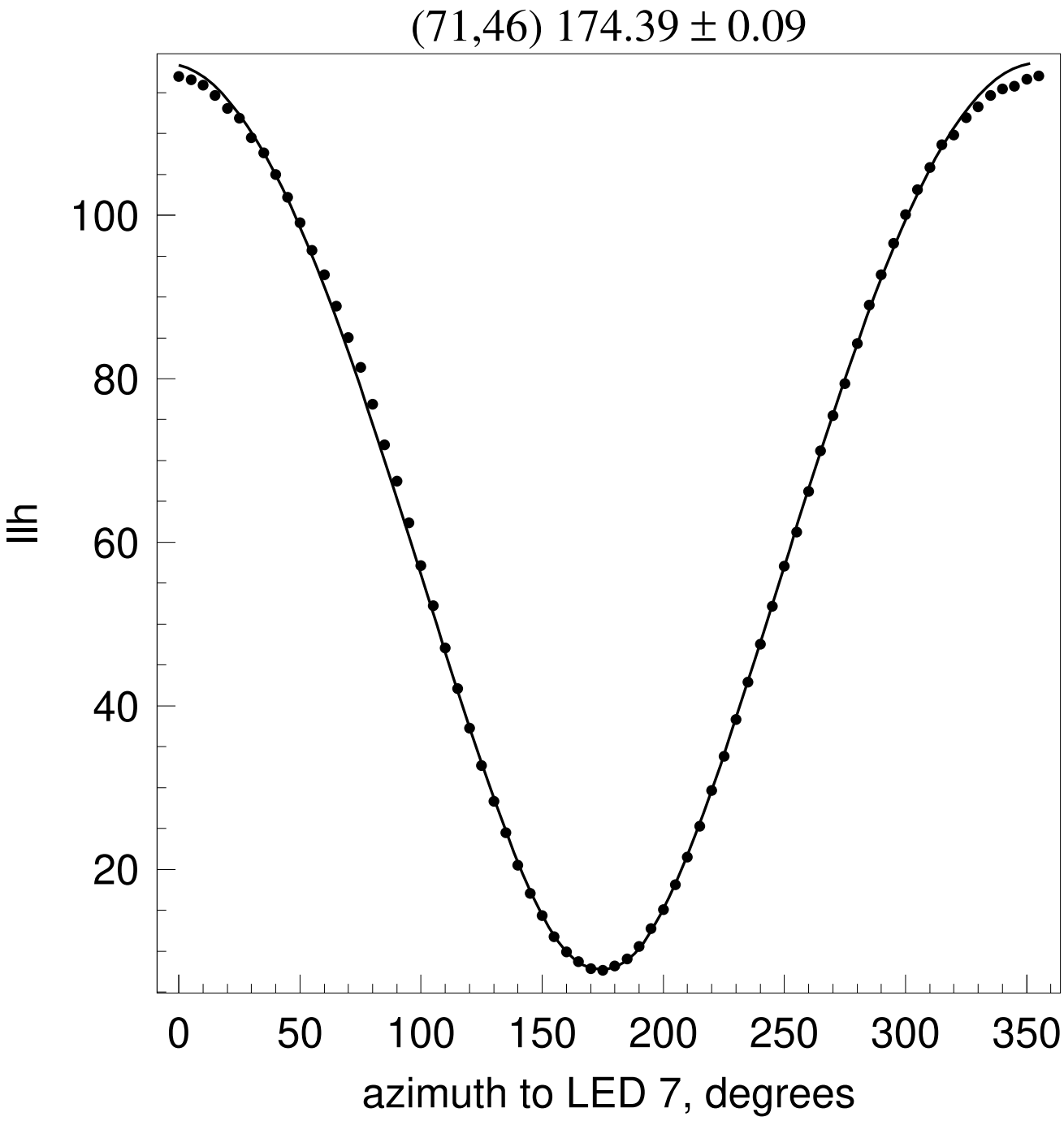

(71,41) 100.01 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

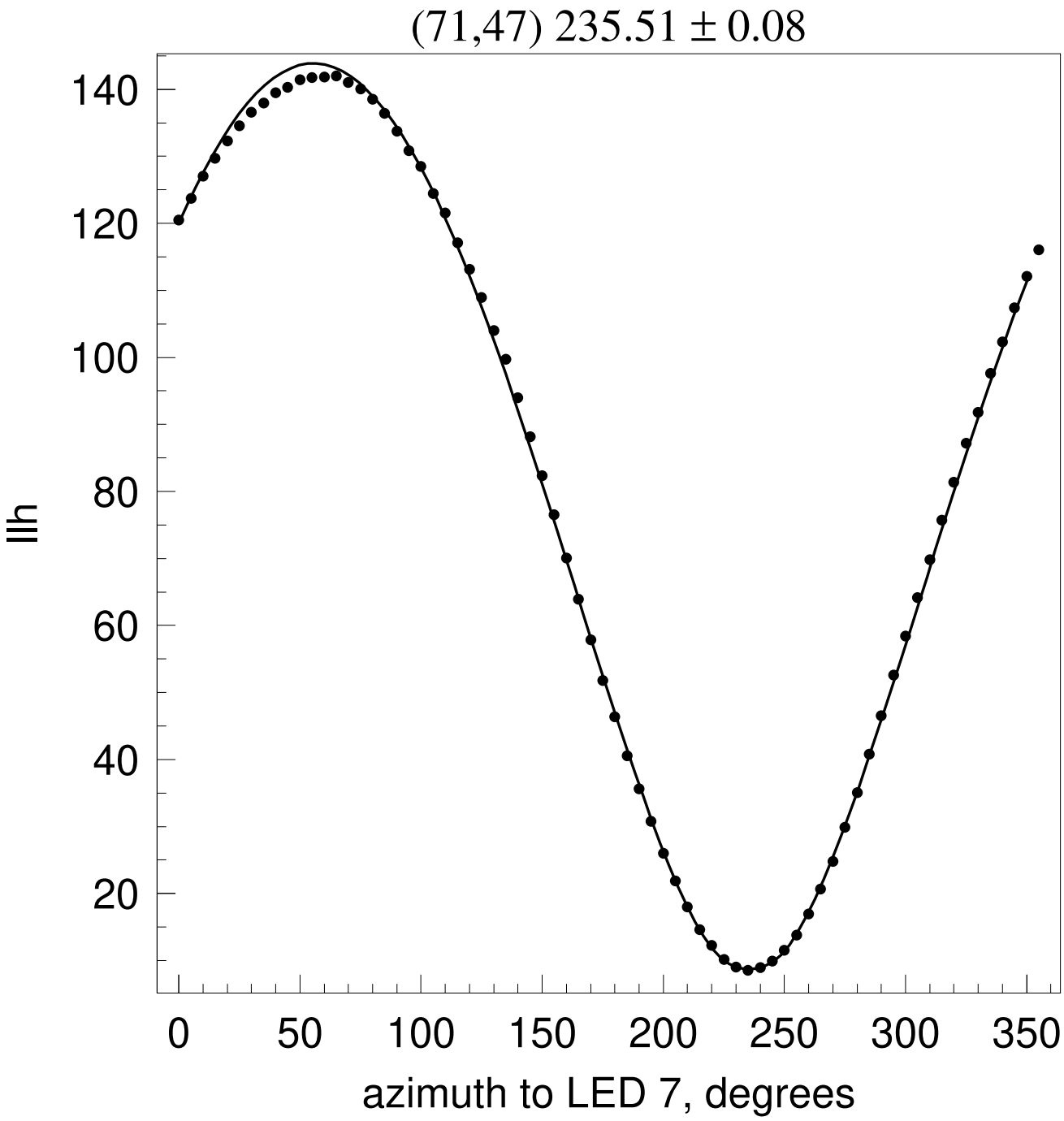

(71,42) 157.24 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

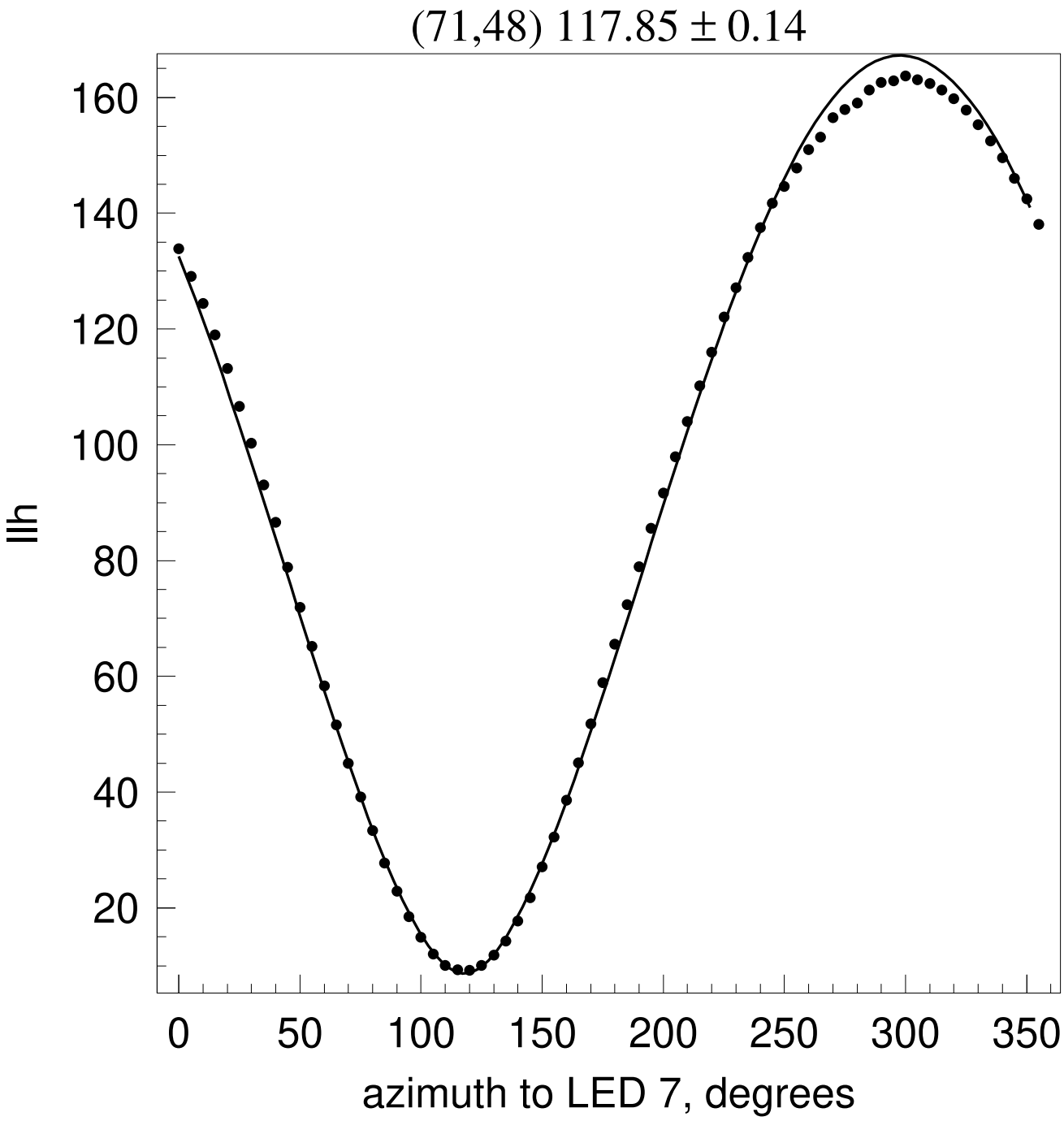

(71,43) 220.92 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

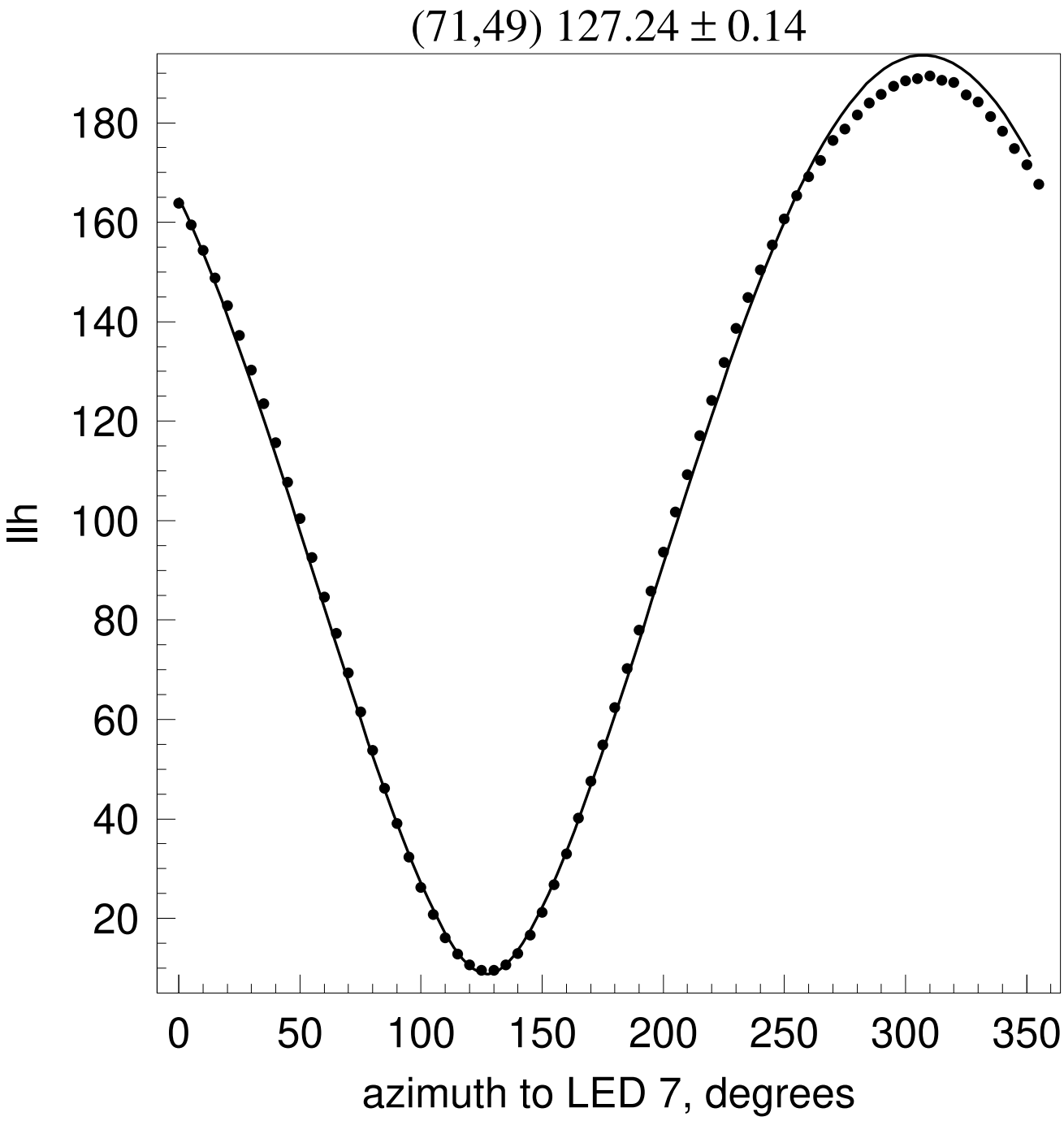

(71,44) 149.31 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

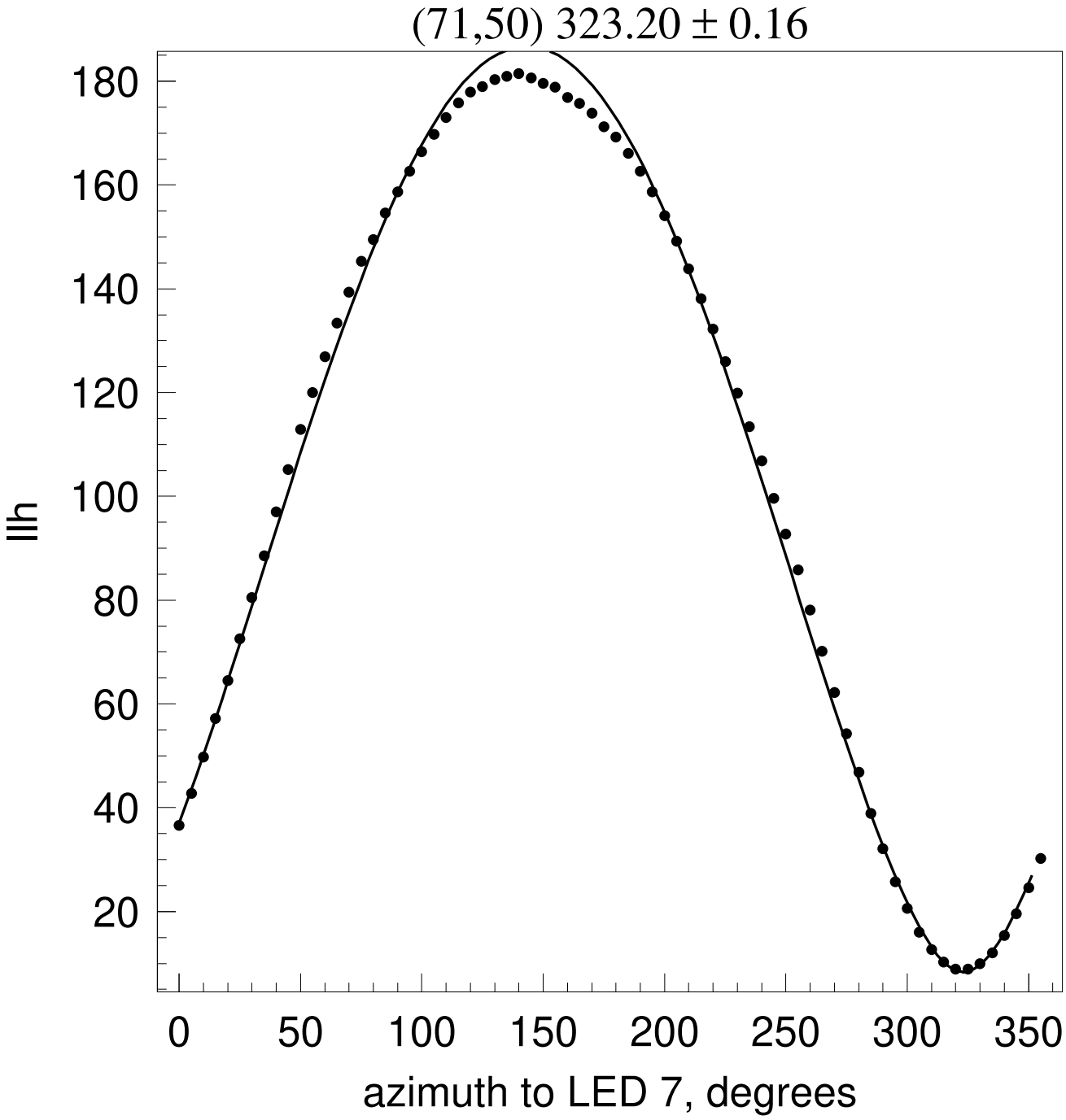

(71,45) 344.74 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

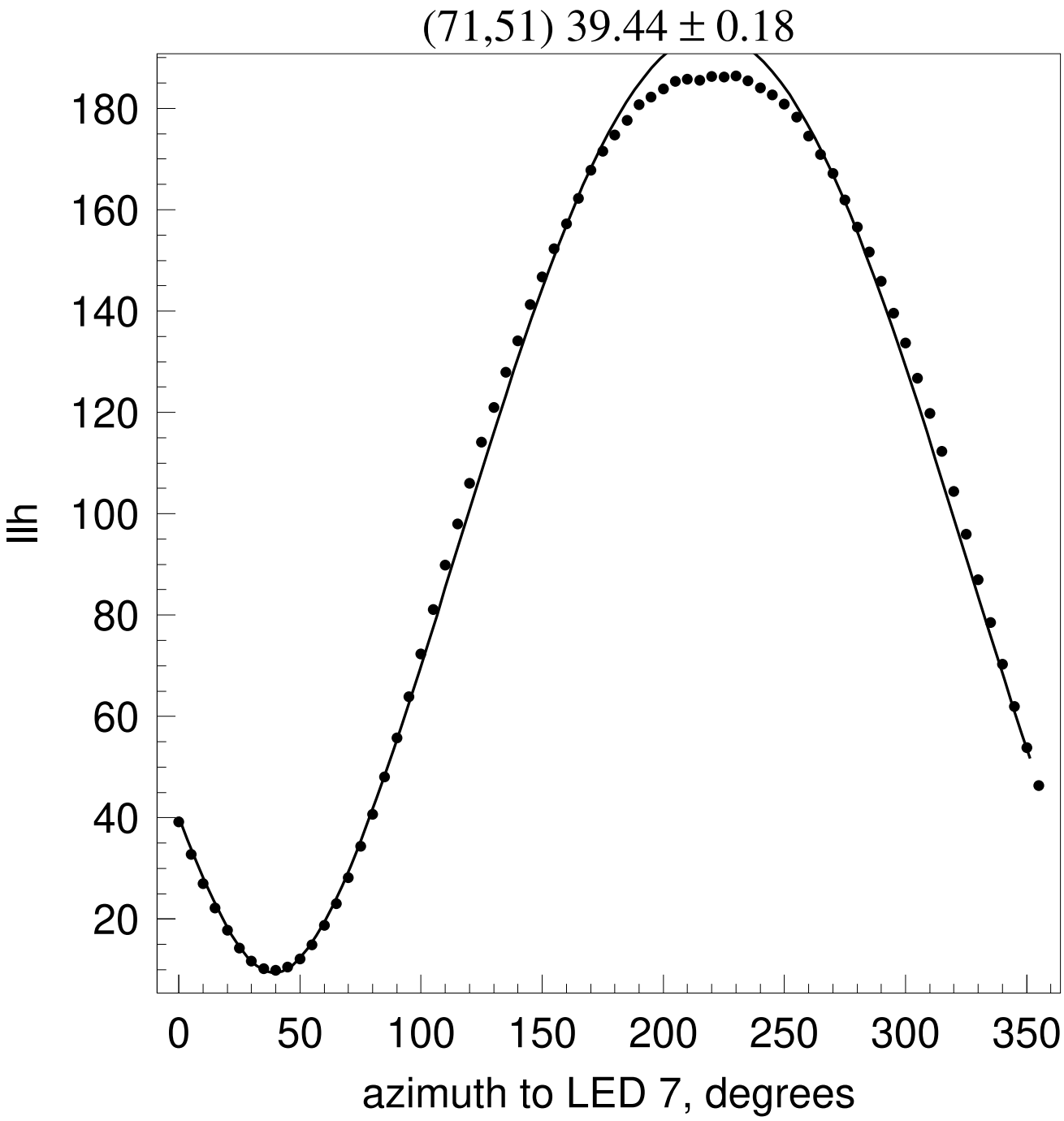

(71,46) 174.39 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

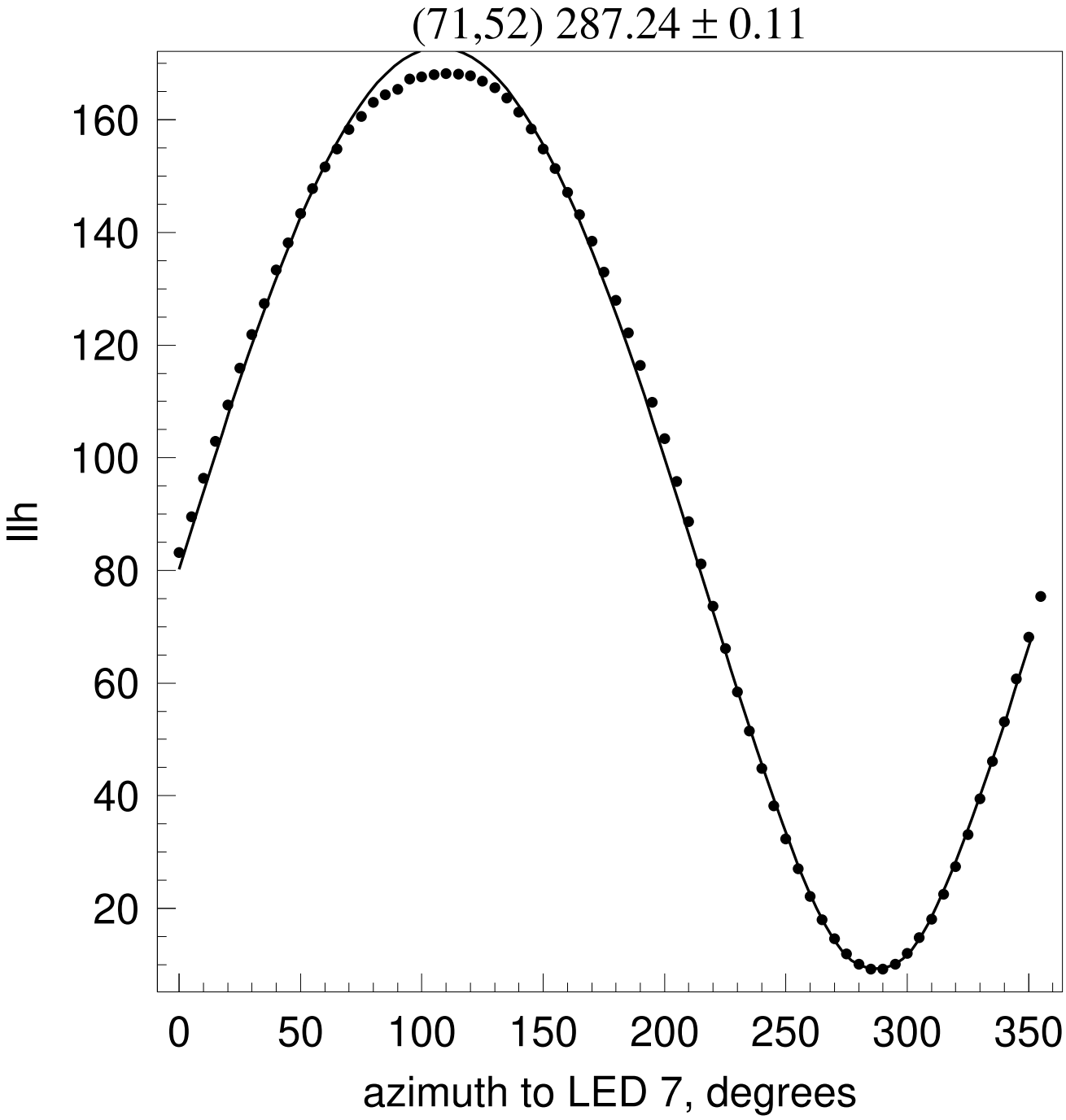

(71,47) 235.51 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

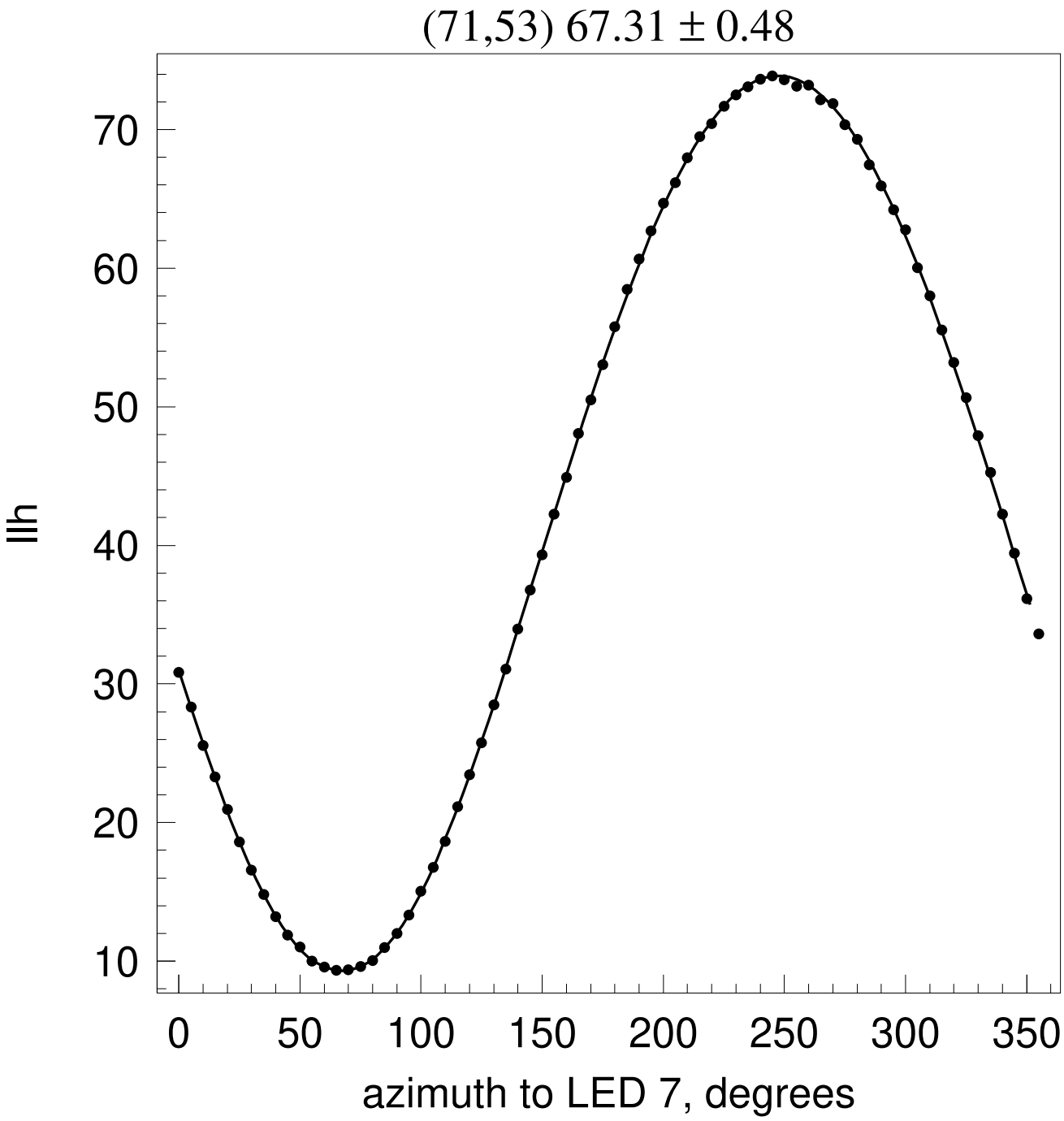

(71,48) 117.85 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

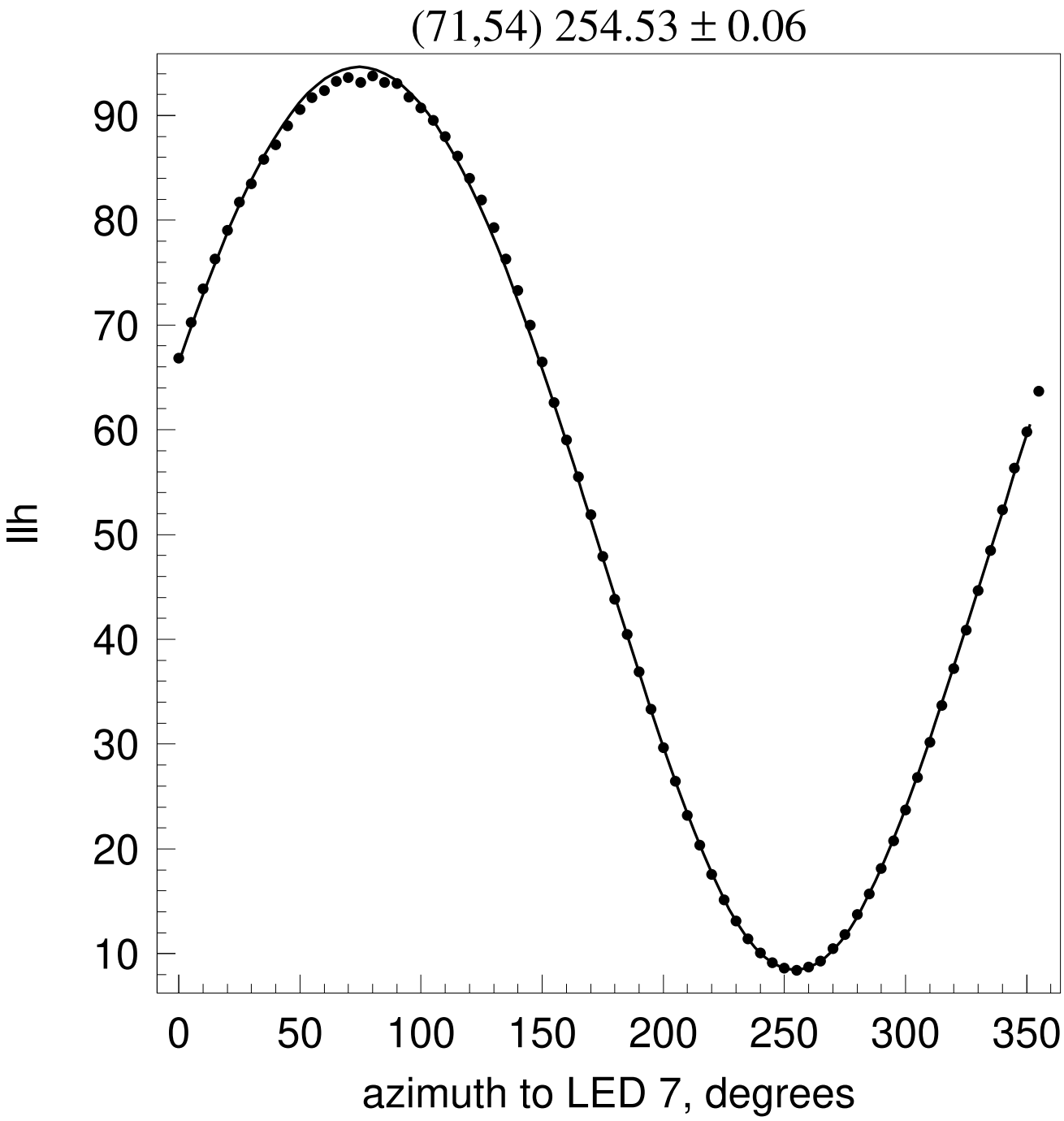

(71,49) 127.24 ± 0.14
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

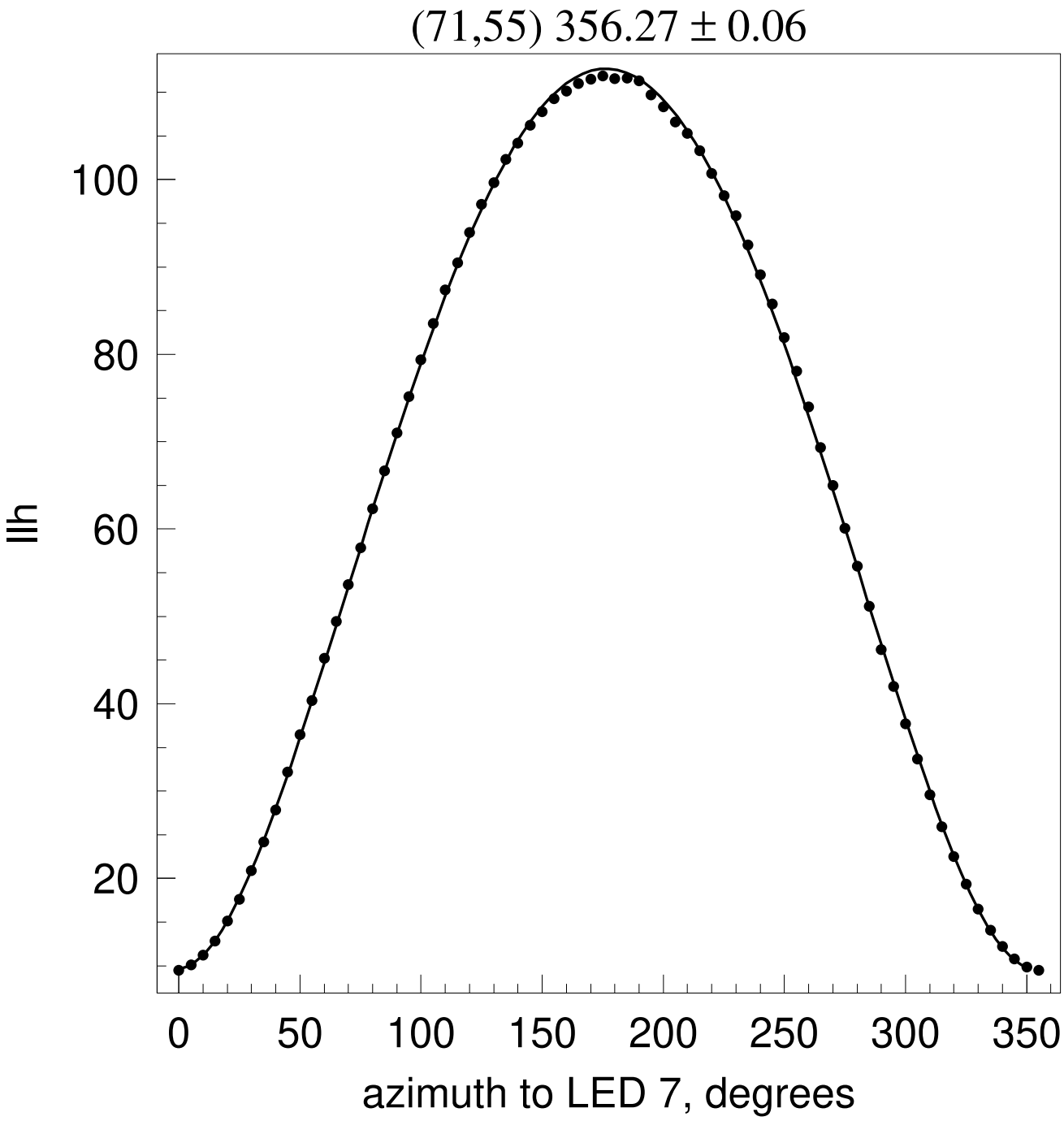

(71,50) 323.20 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

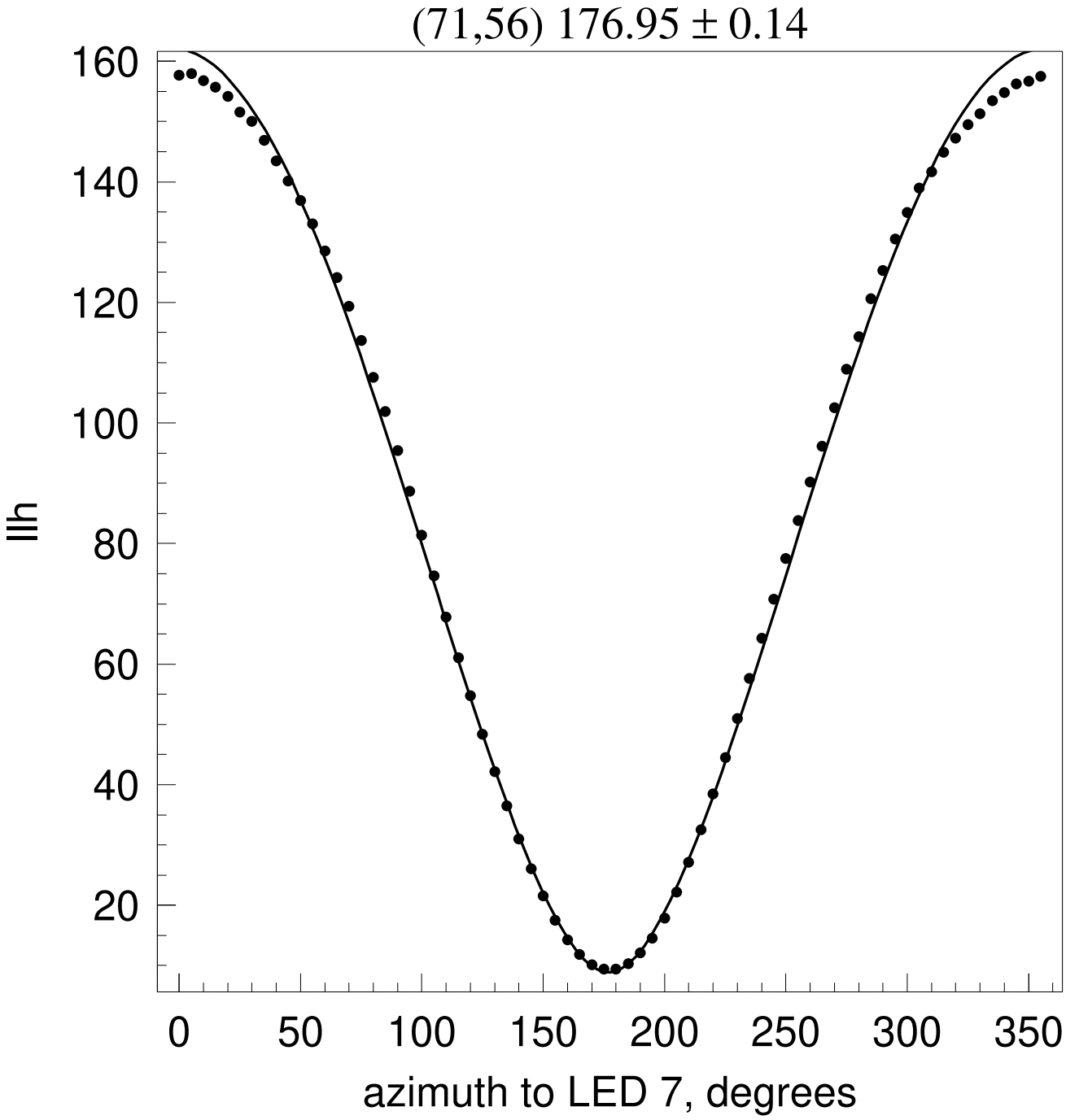

(71,51) 39.44 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

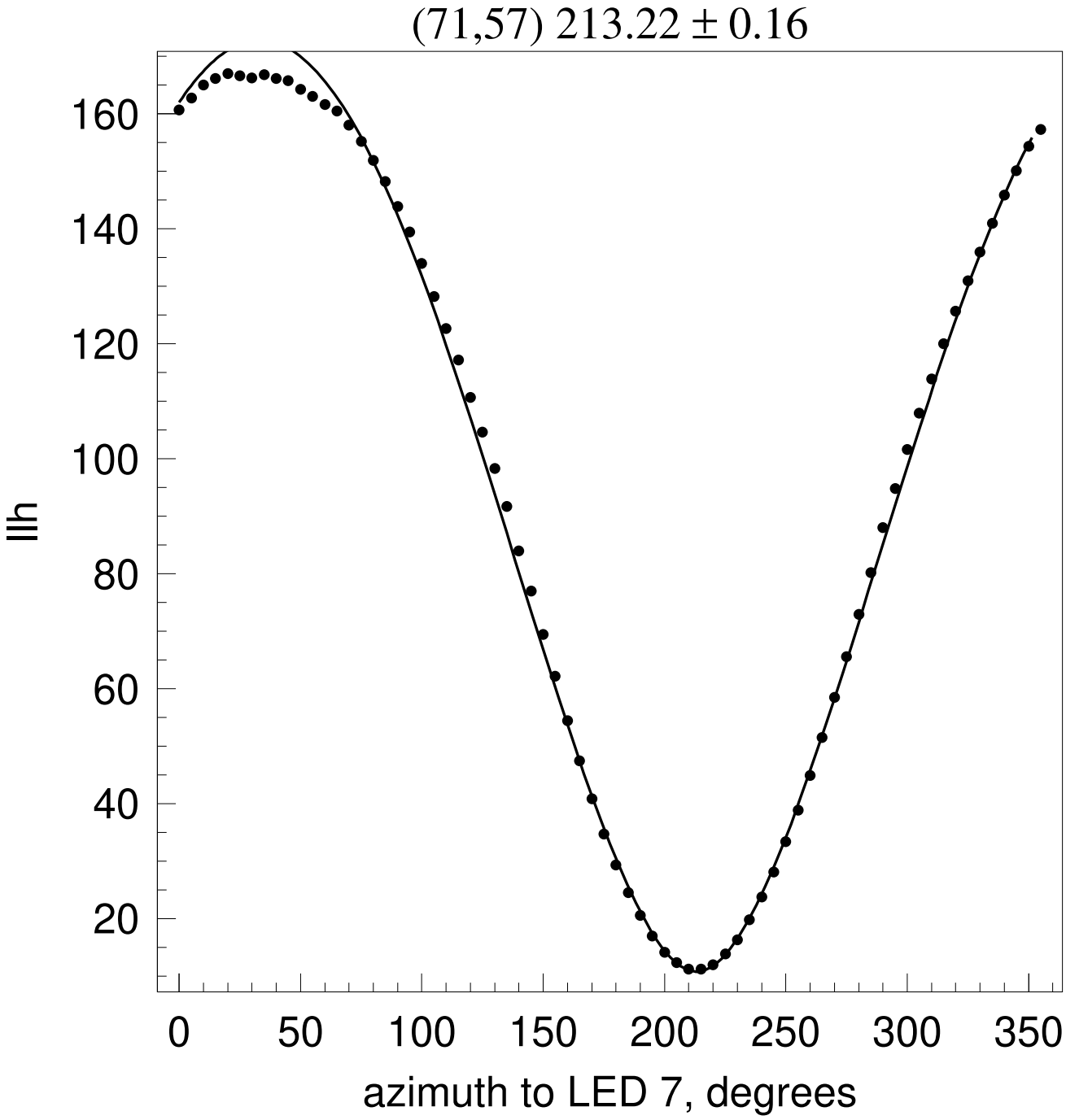

(71,52) 287.24 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

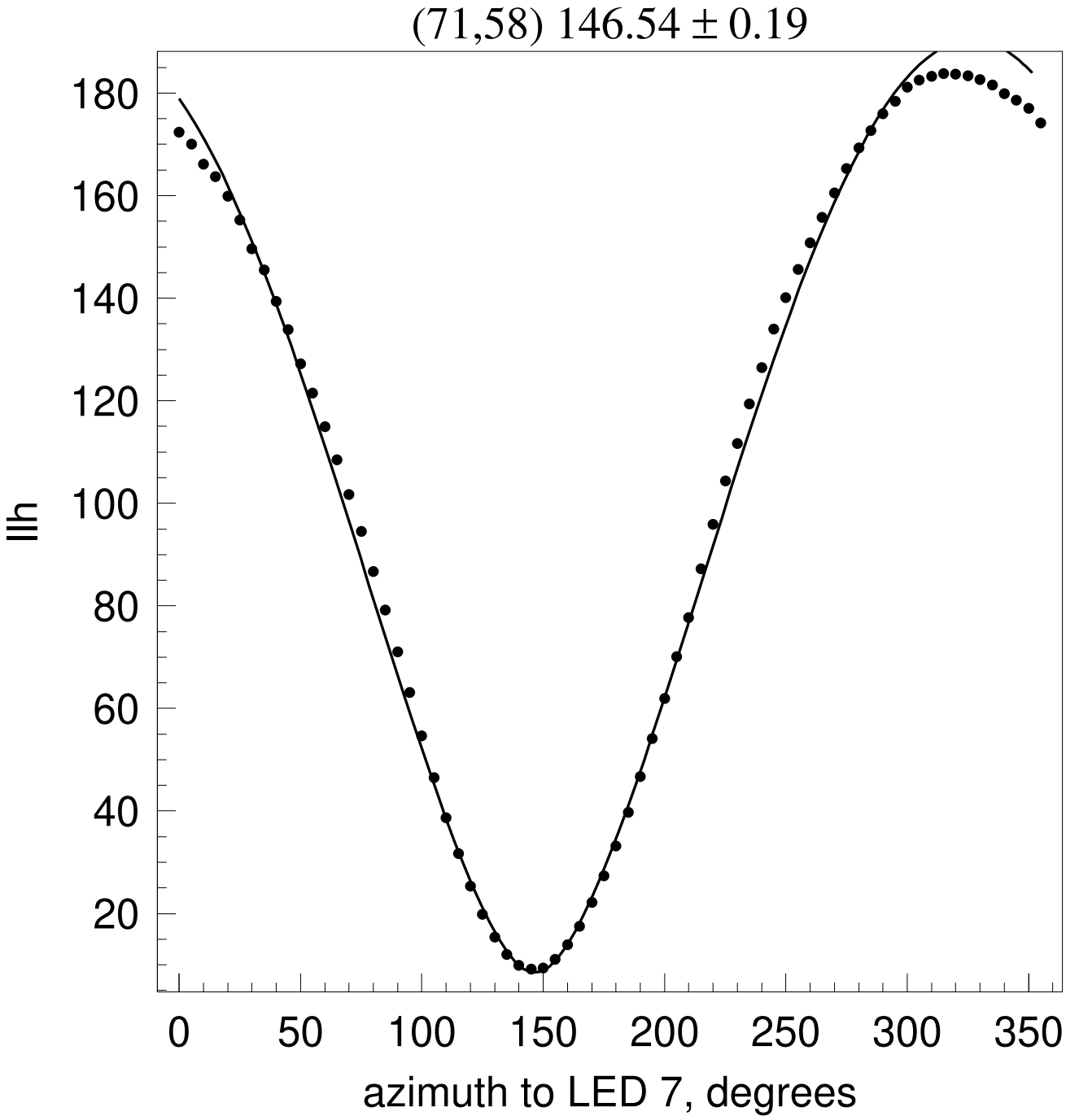

(71,53) 67.31 ± 0.48
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

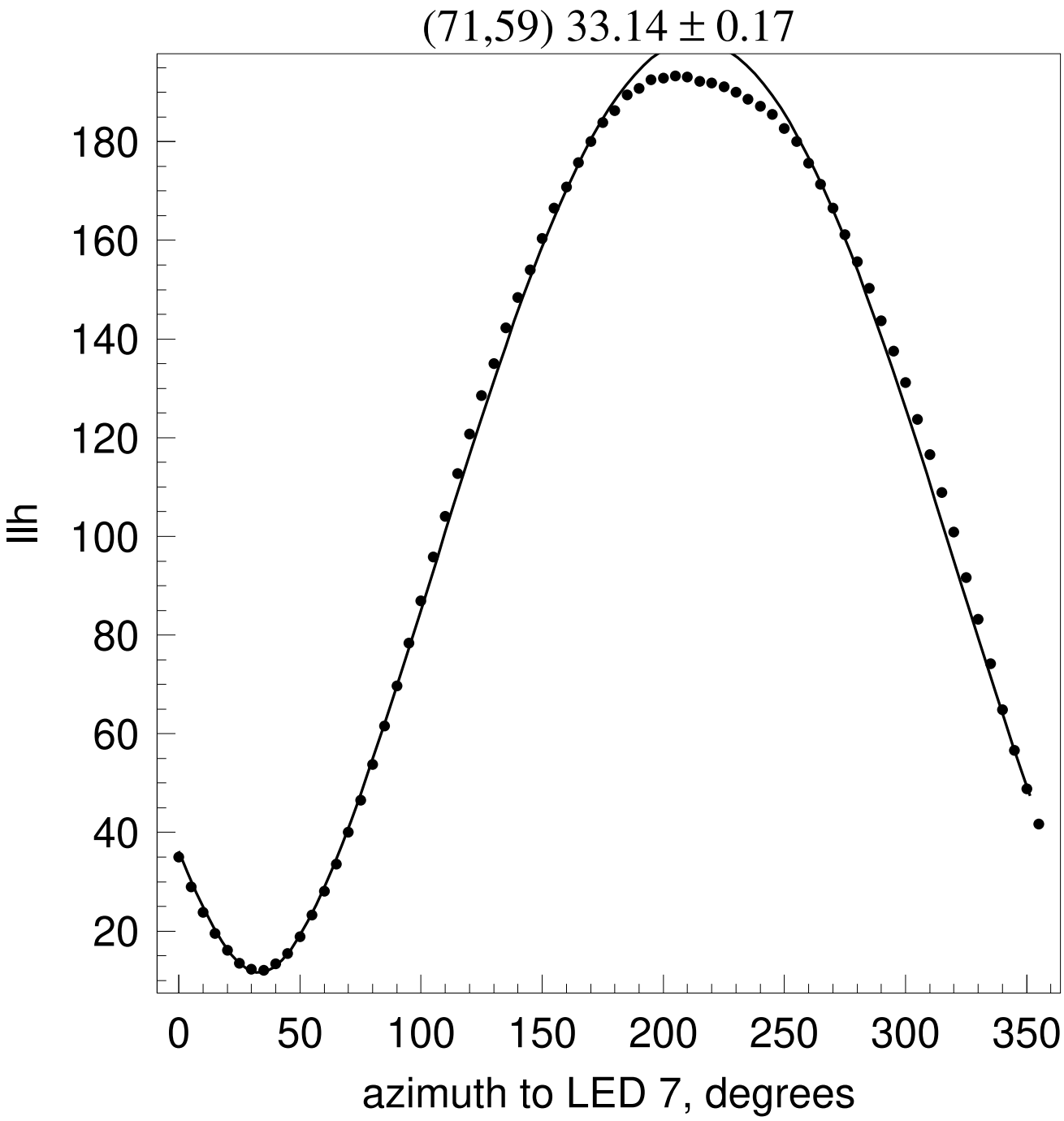

(71,54) 254.53 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

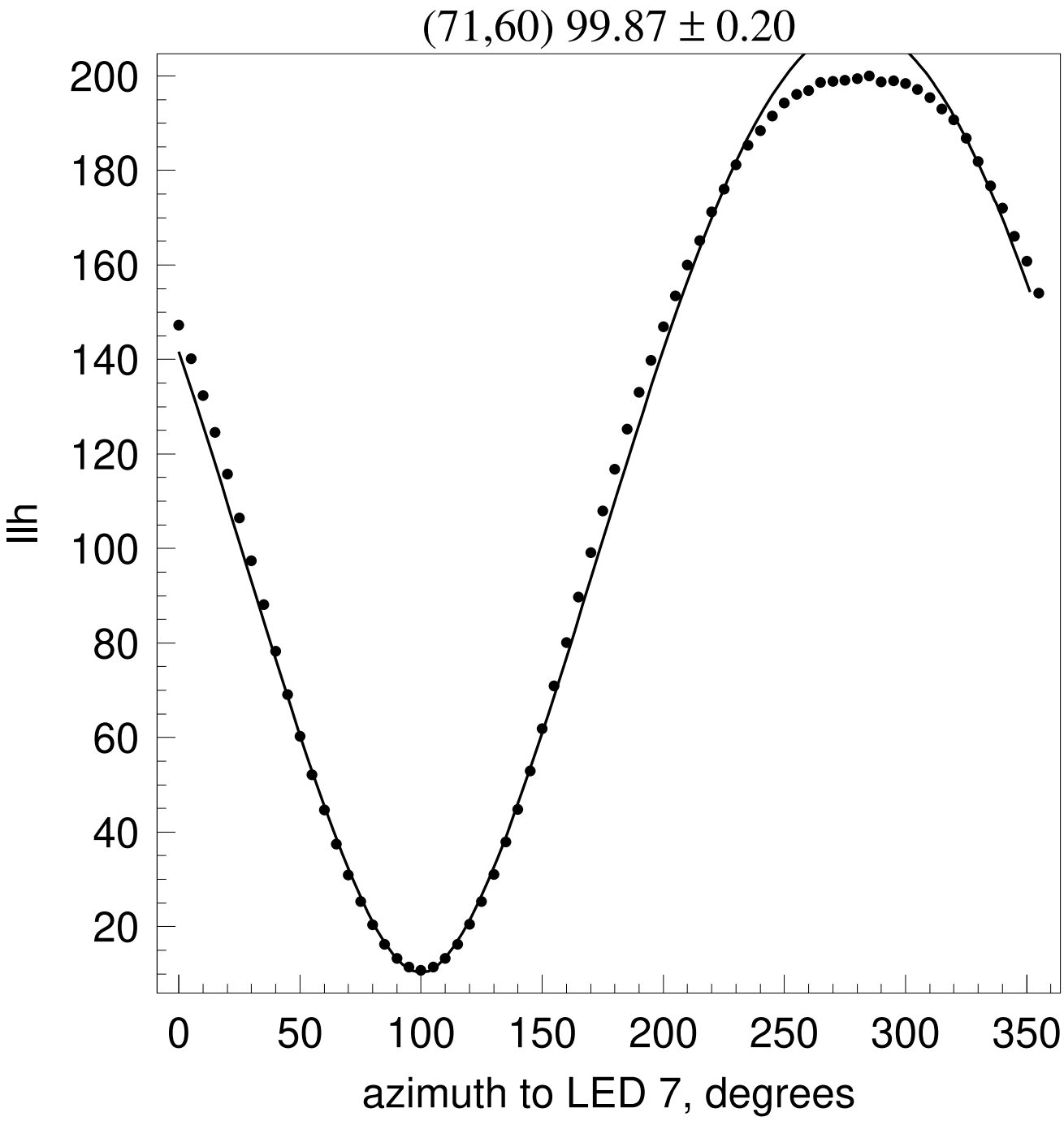

(71,55) 356.27 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

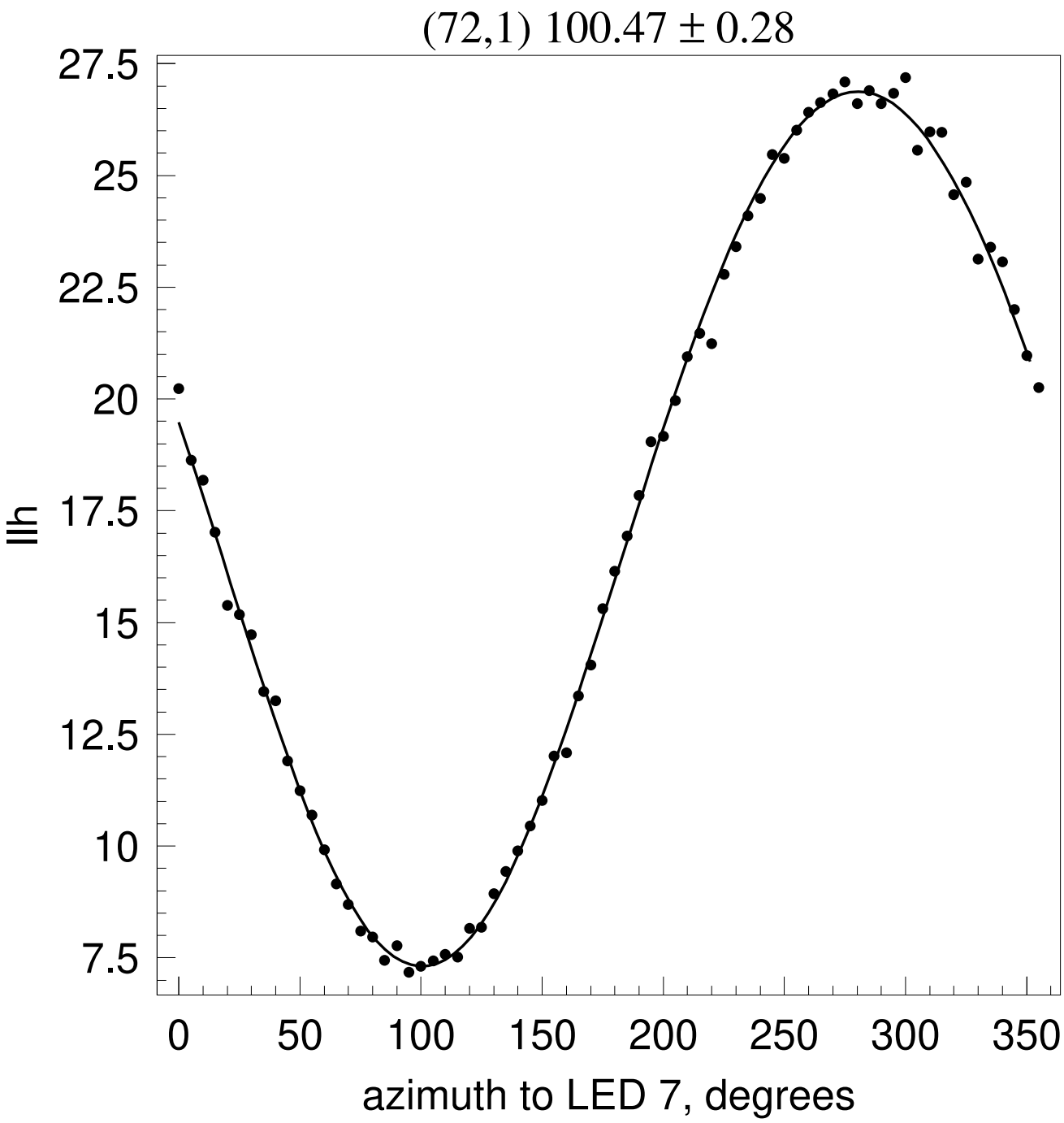

(71,56) 176.95 ± 0.14
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

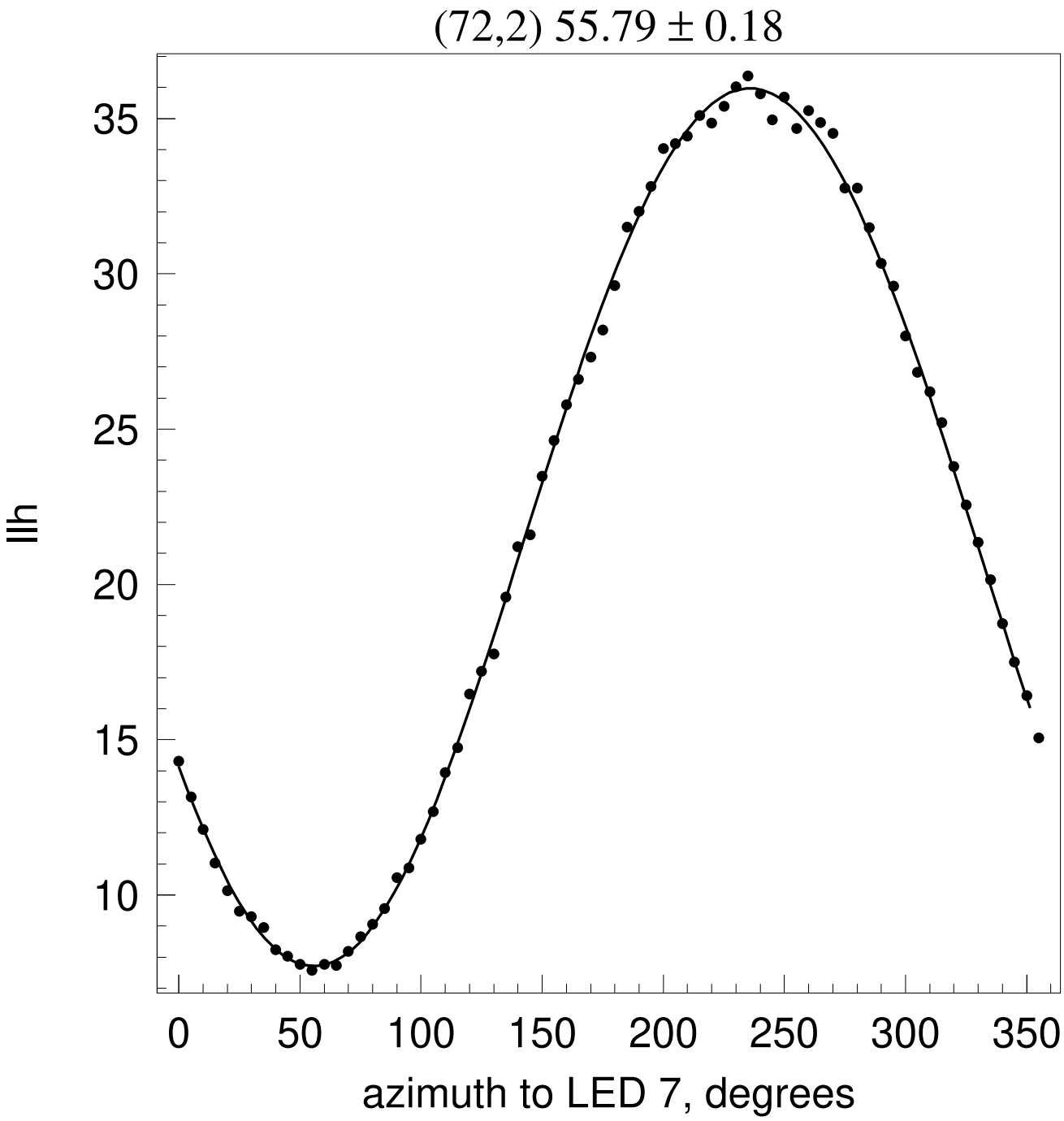

(71,57) 213.22 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

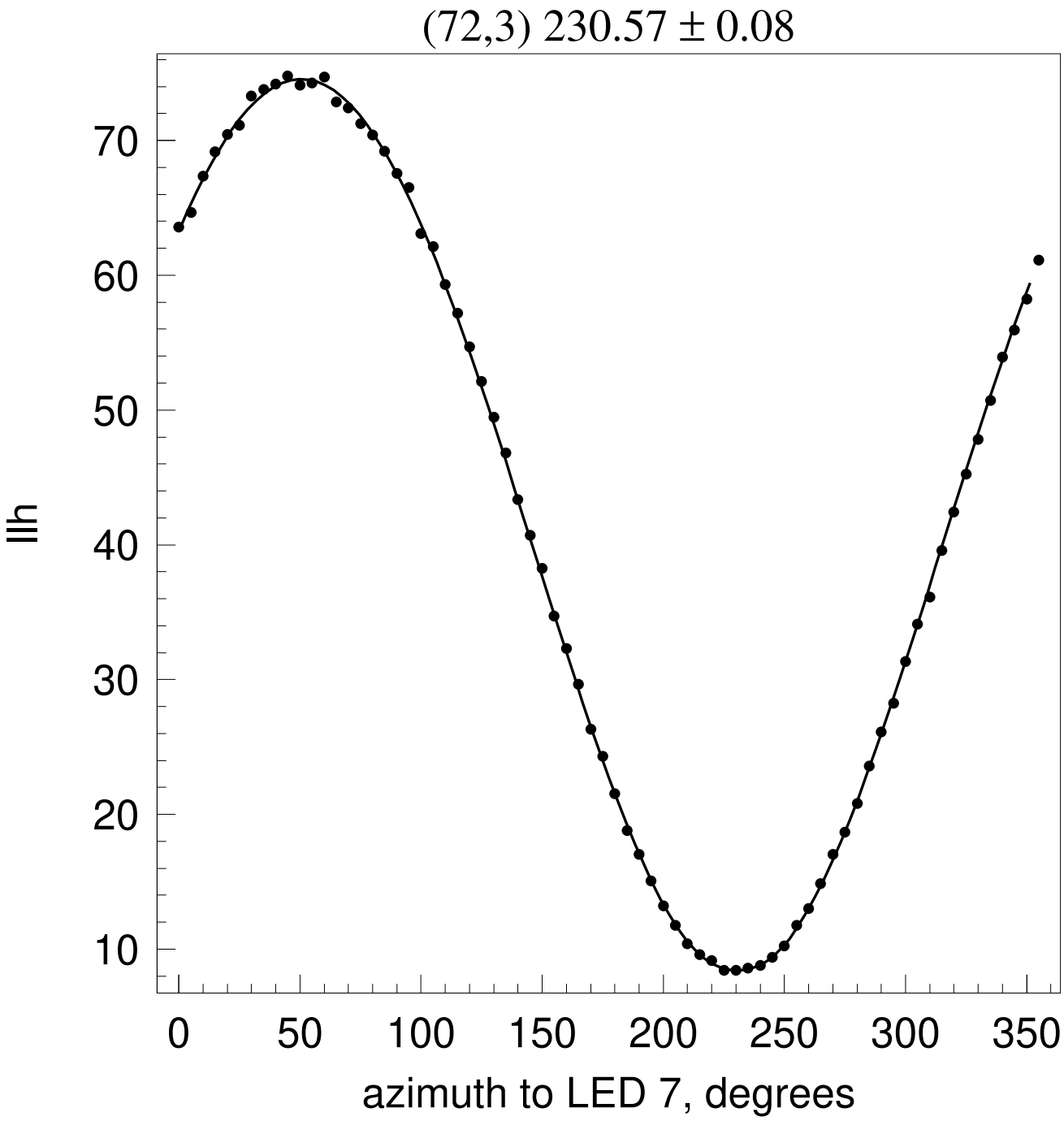

(71,58) 146.54 ± 0.19
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

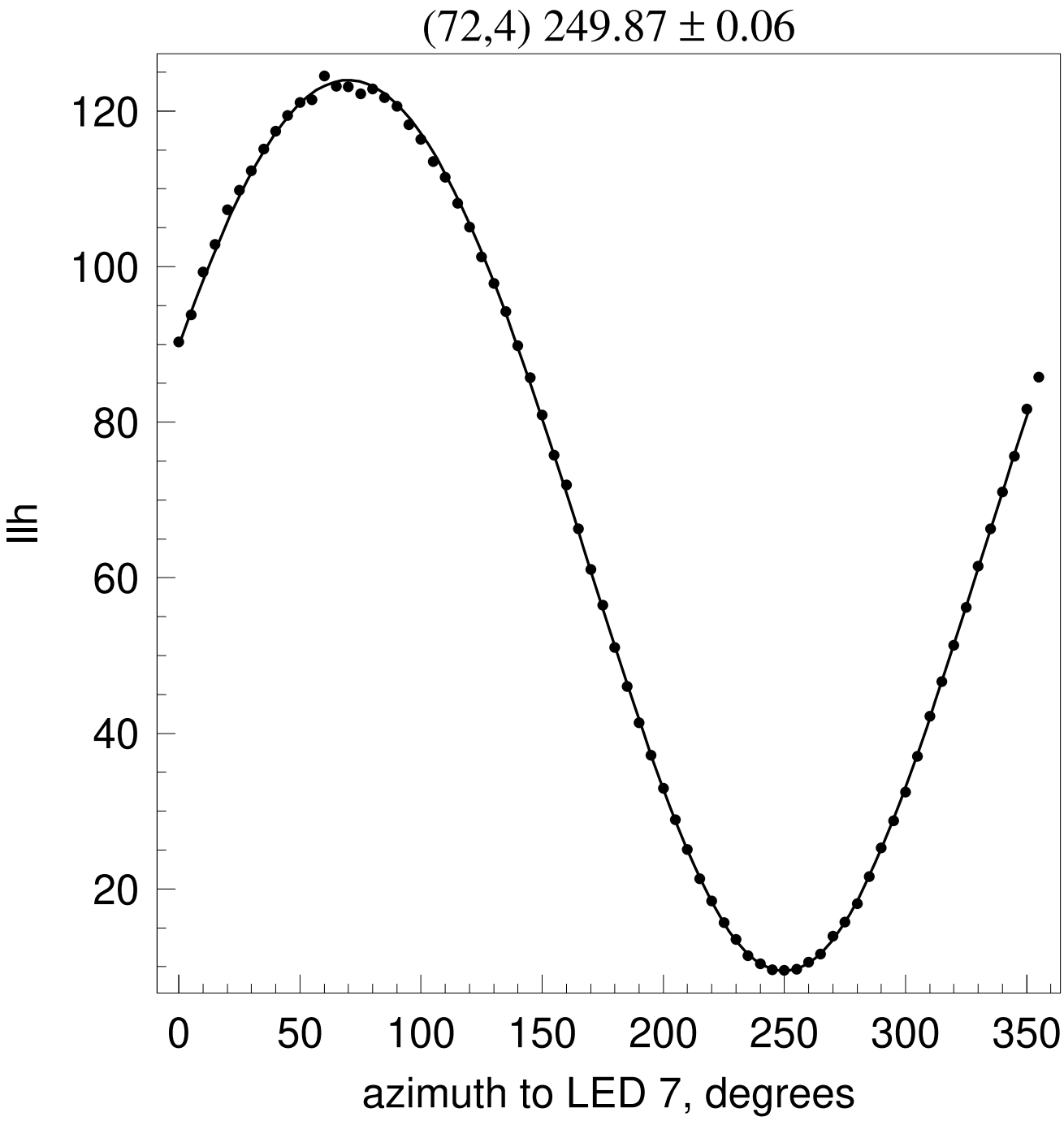

(71,59) 33.14 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

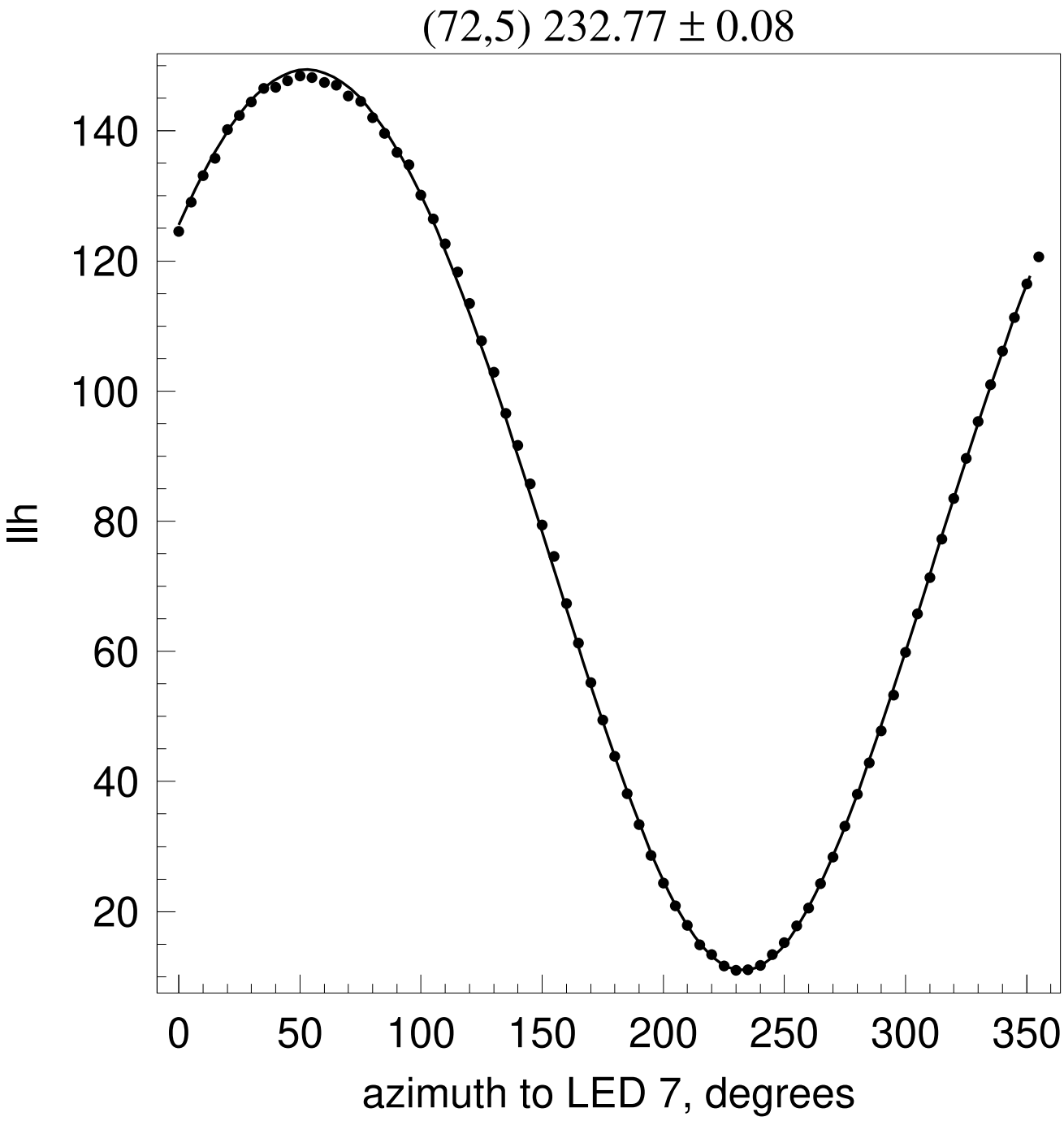

(71,60) 99.87 ± 0.20
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

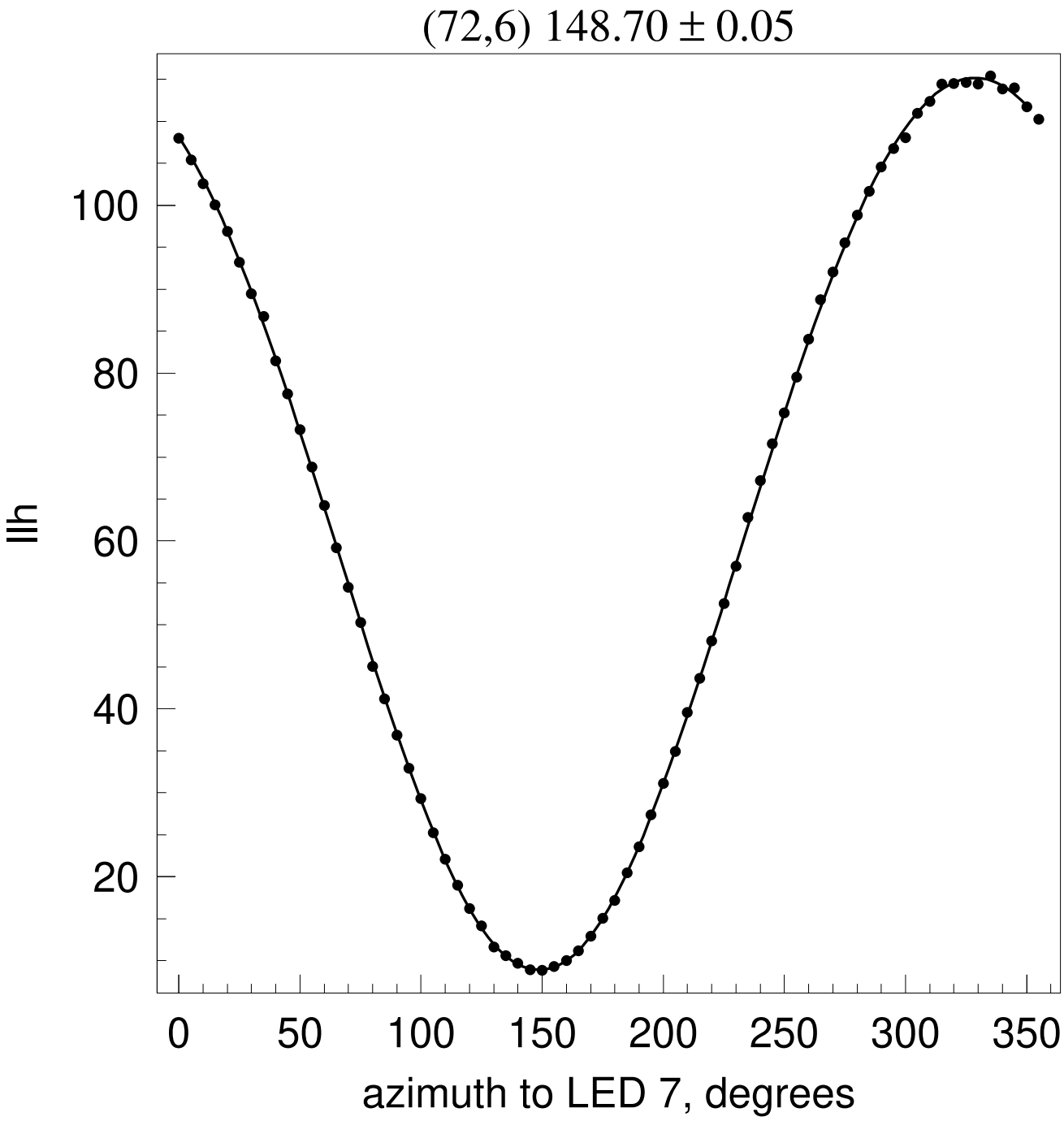

(72,1) 100.47 ± 0.28
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

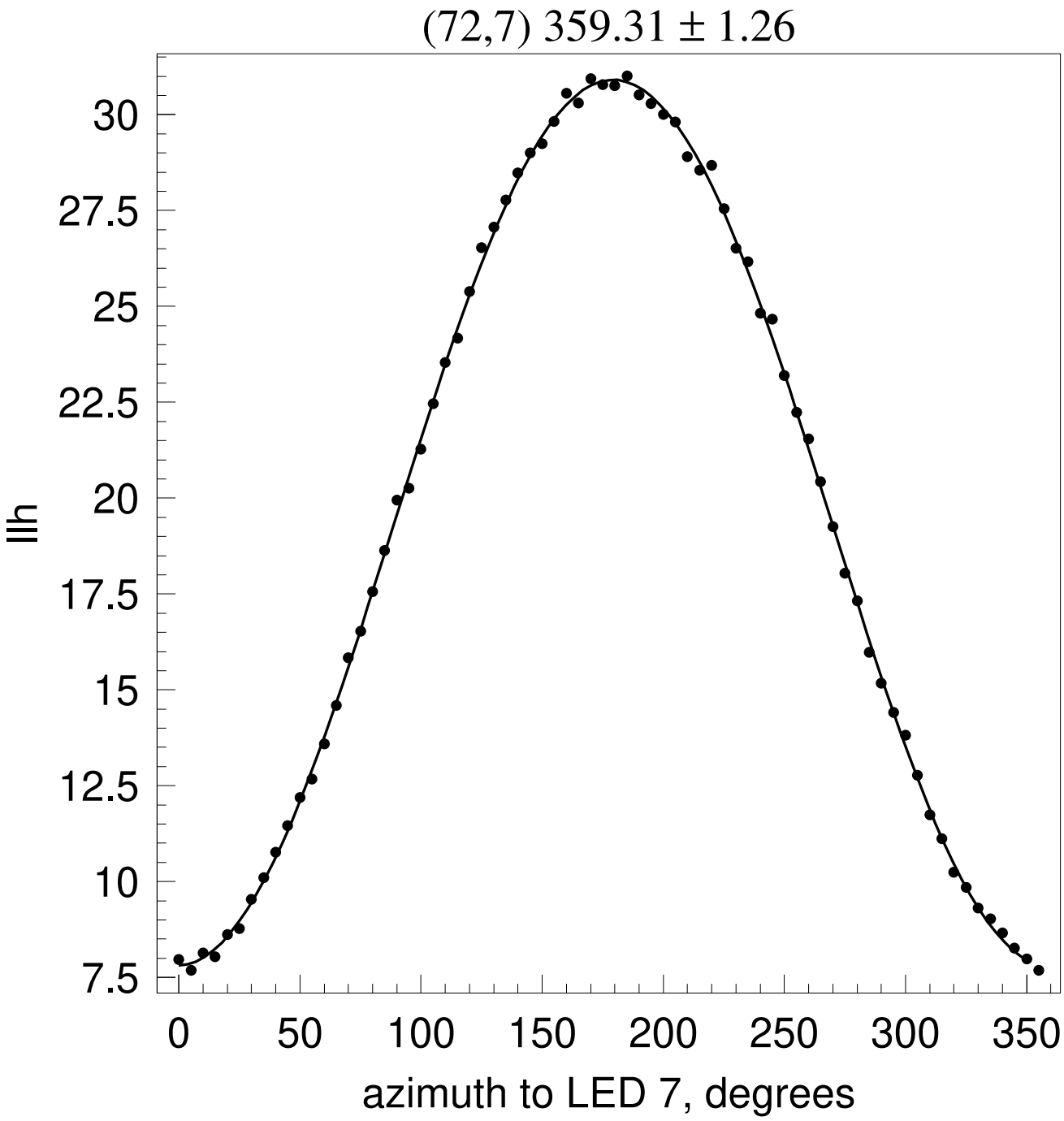

(72,2) 55.79 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

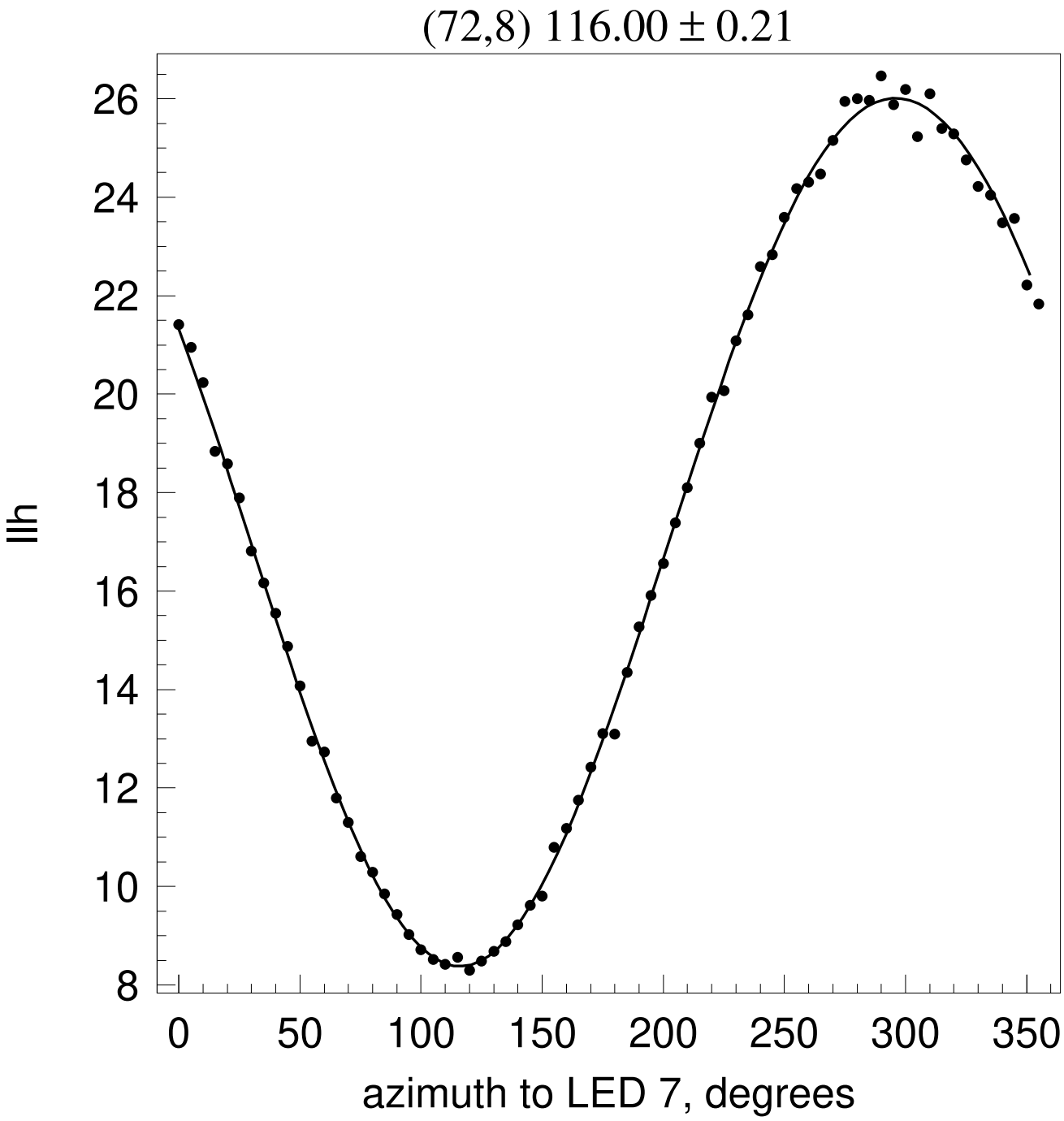

(72,3) 230.57 ± 0.08
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

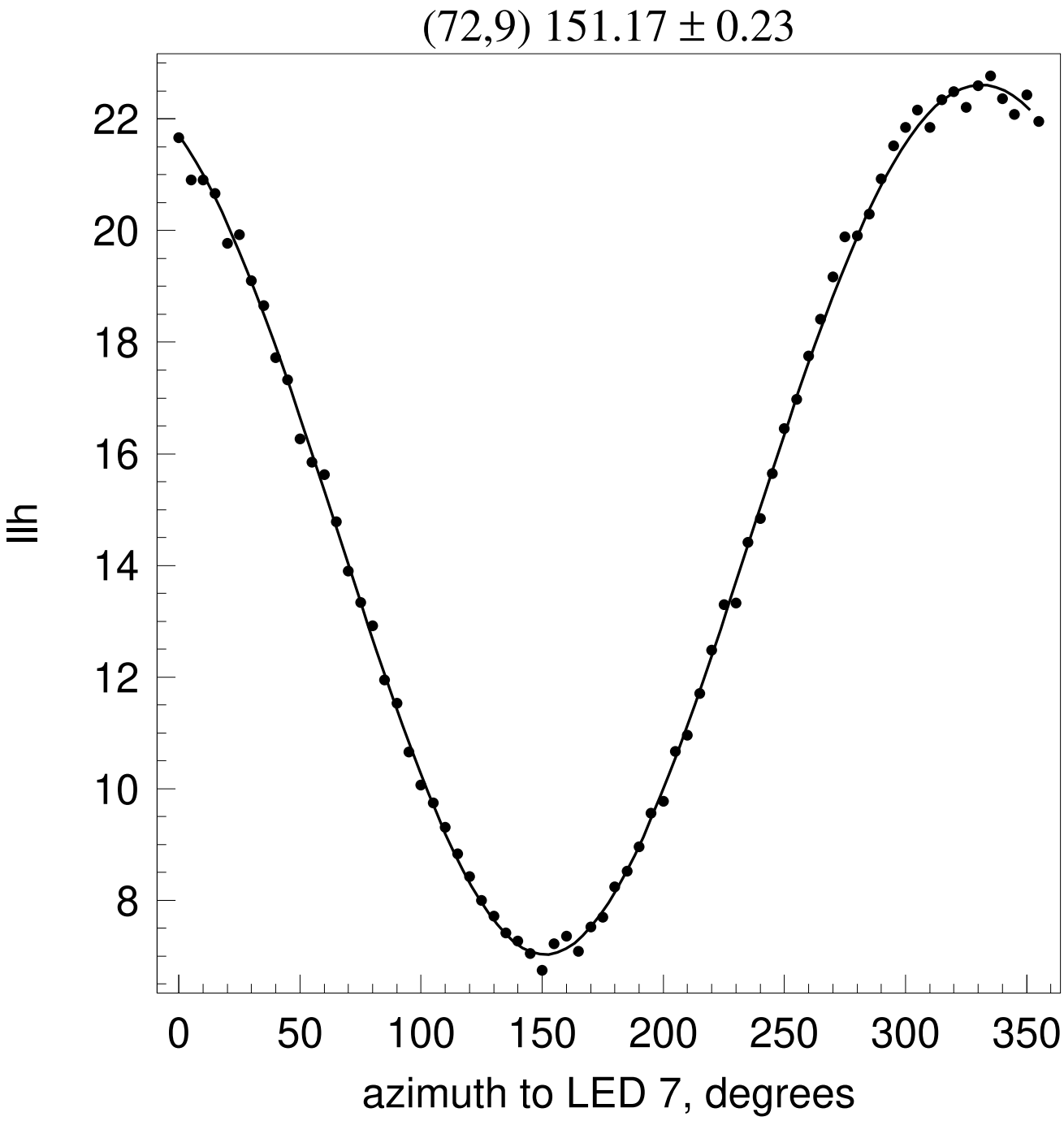

(72,4) 249.87 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

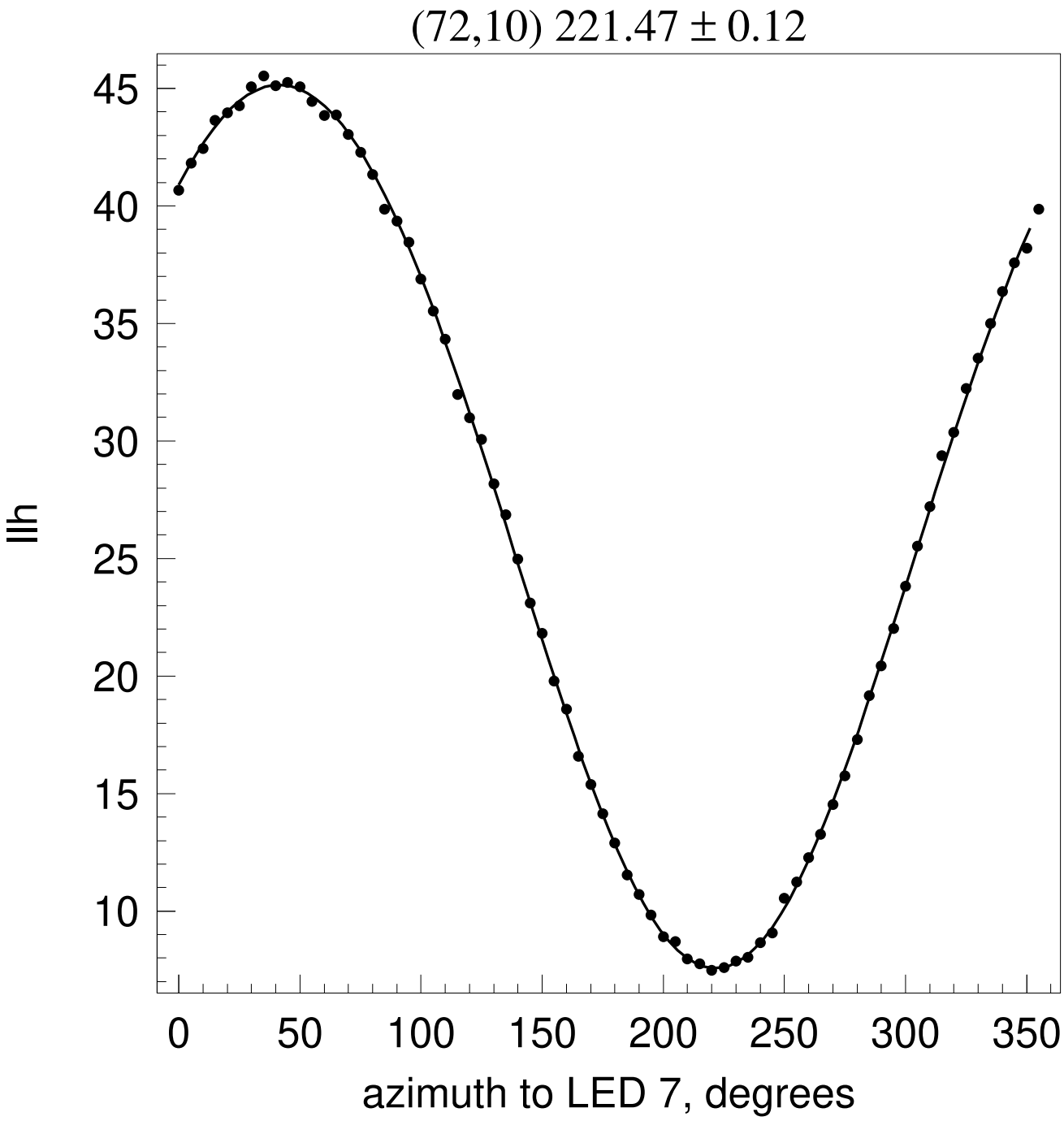

(72,5) 232.77 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

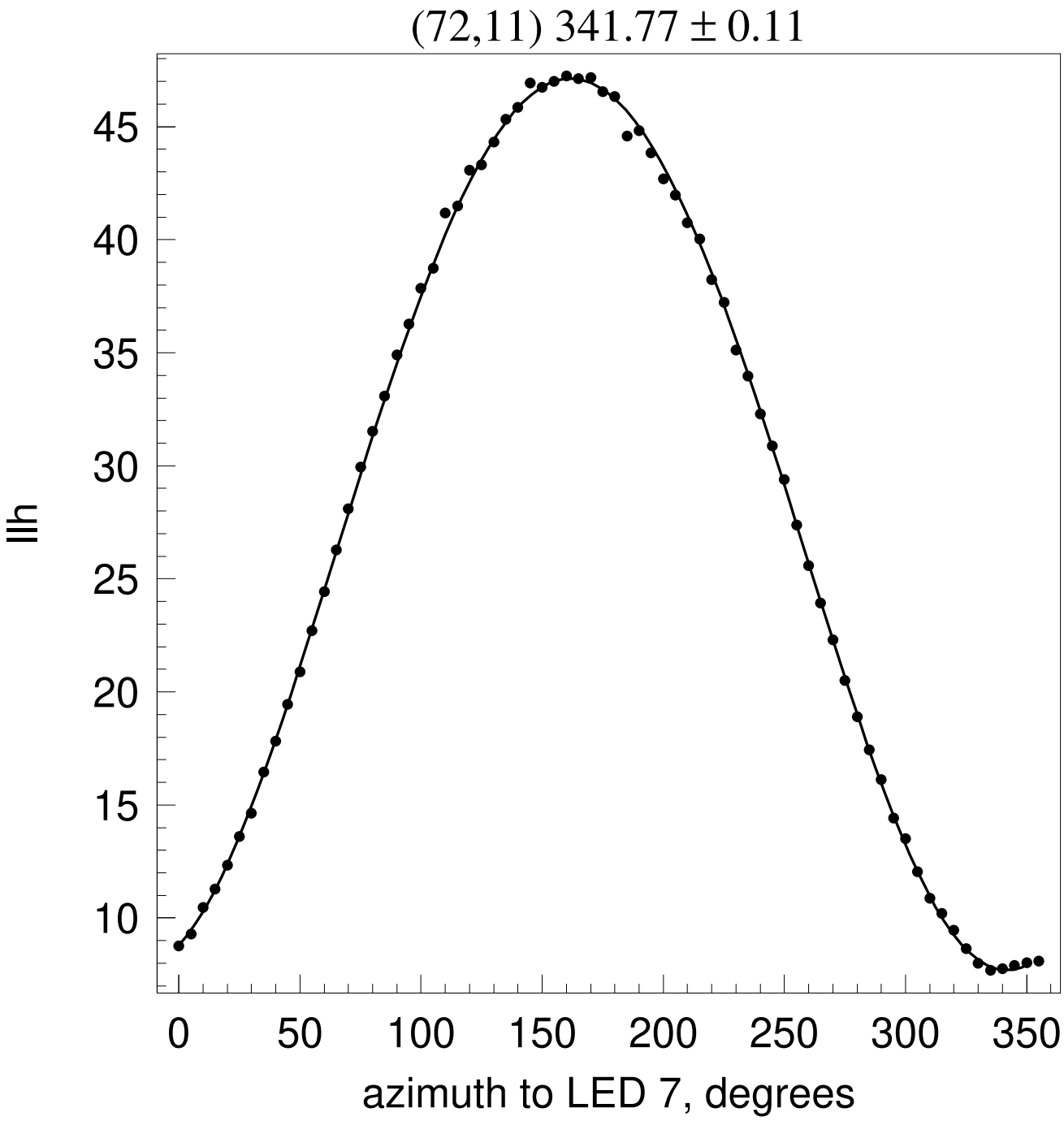

(72,6) 148.70 ± 0.05
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

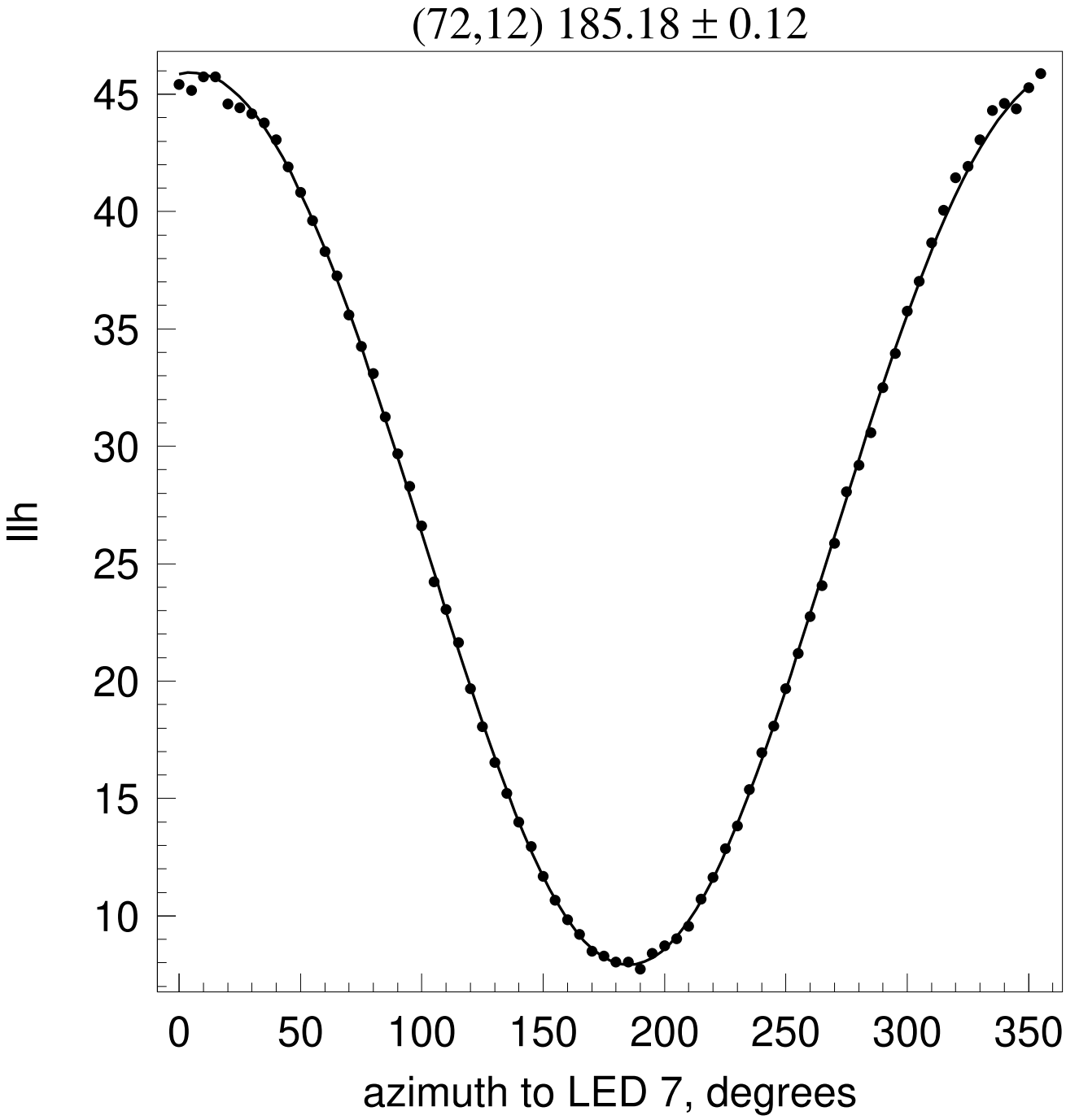

(72,7) 359.31 ± 1.26
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

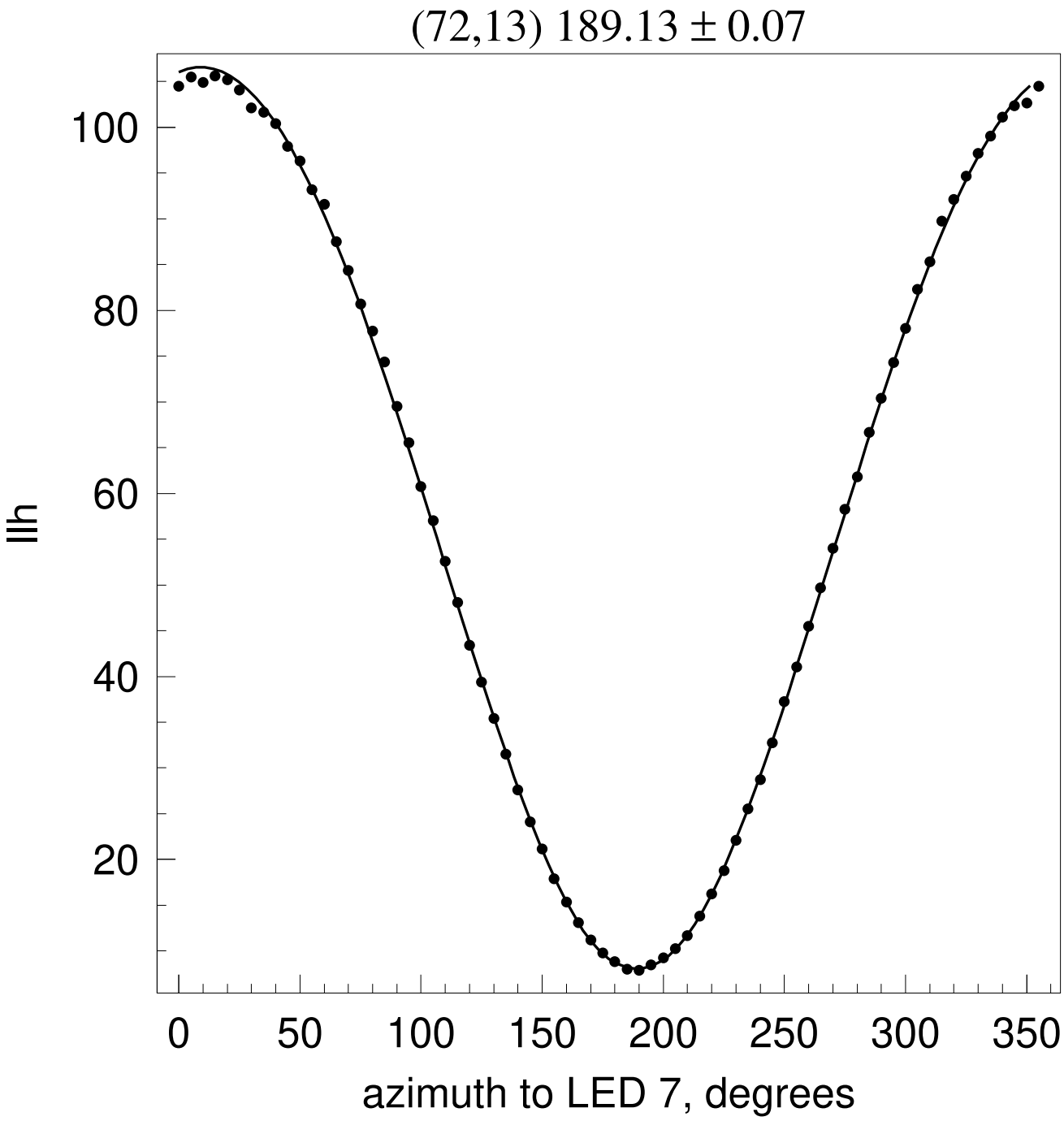

(72,8) 116.00 ± 0.21
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

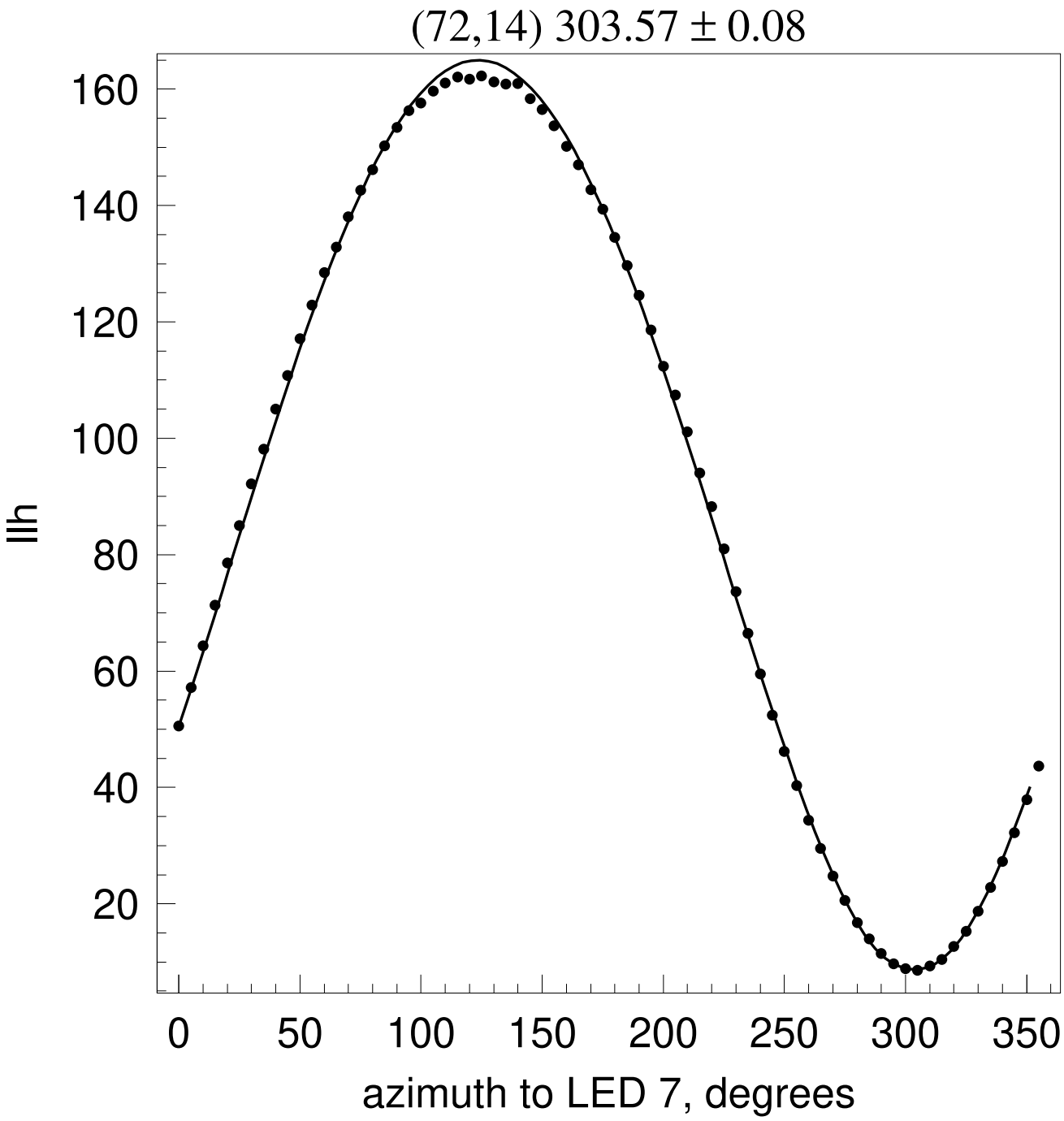

(72,9) 151.17 ± 0.23
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

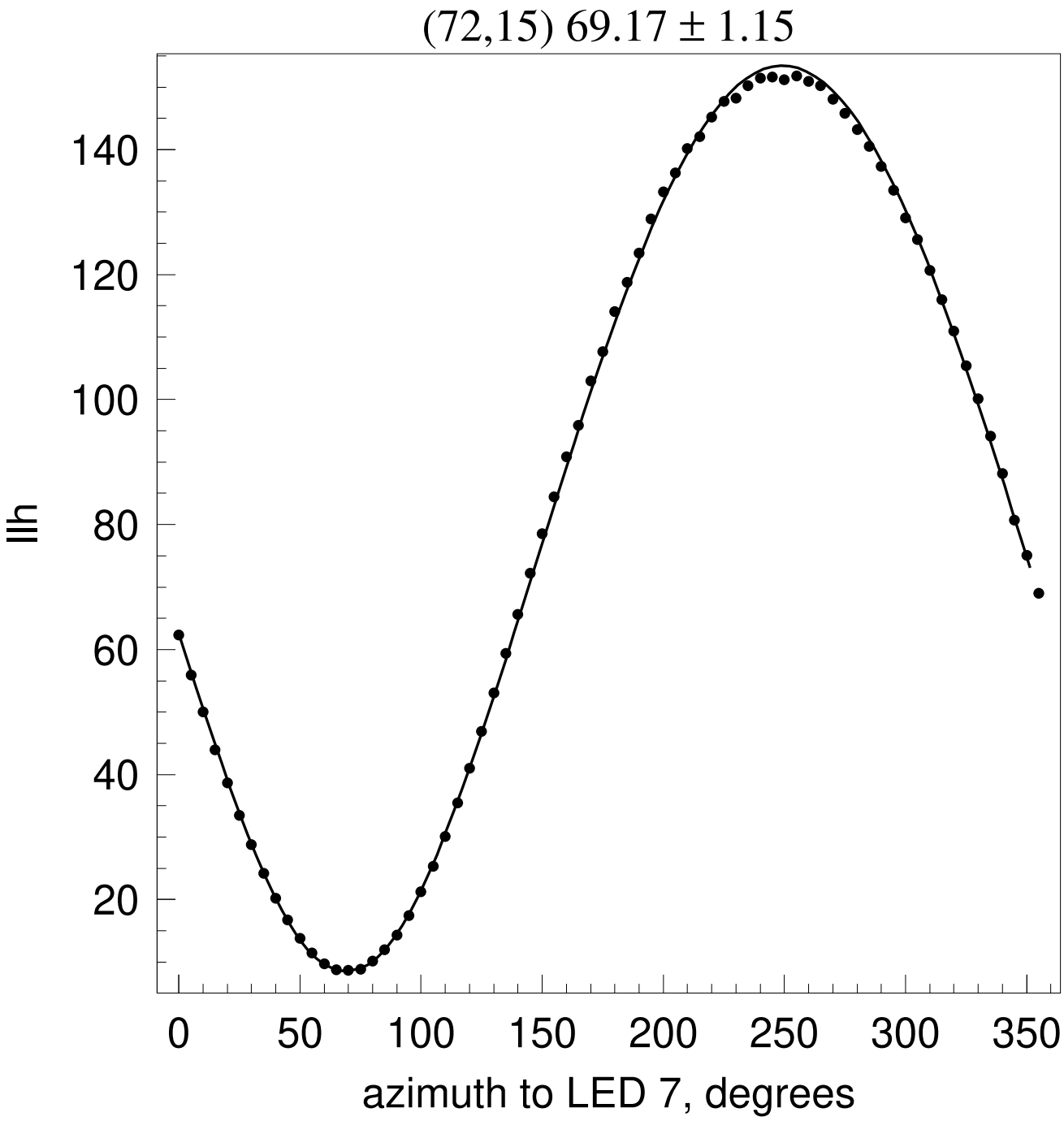

(72,10) 221.47 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

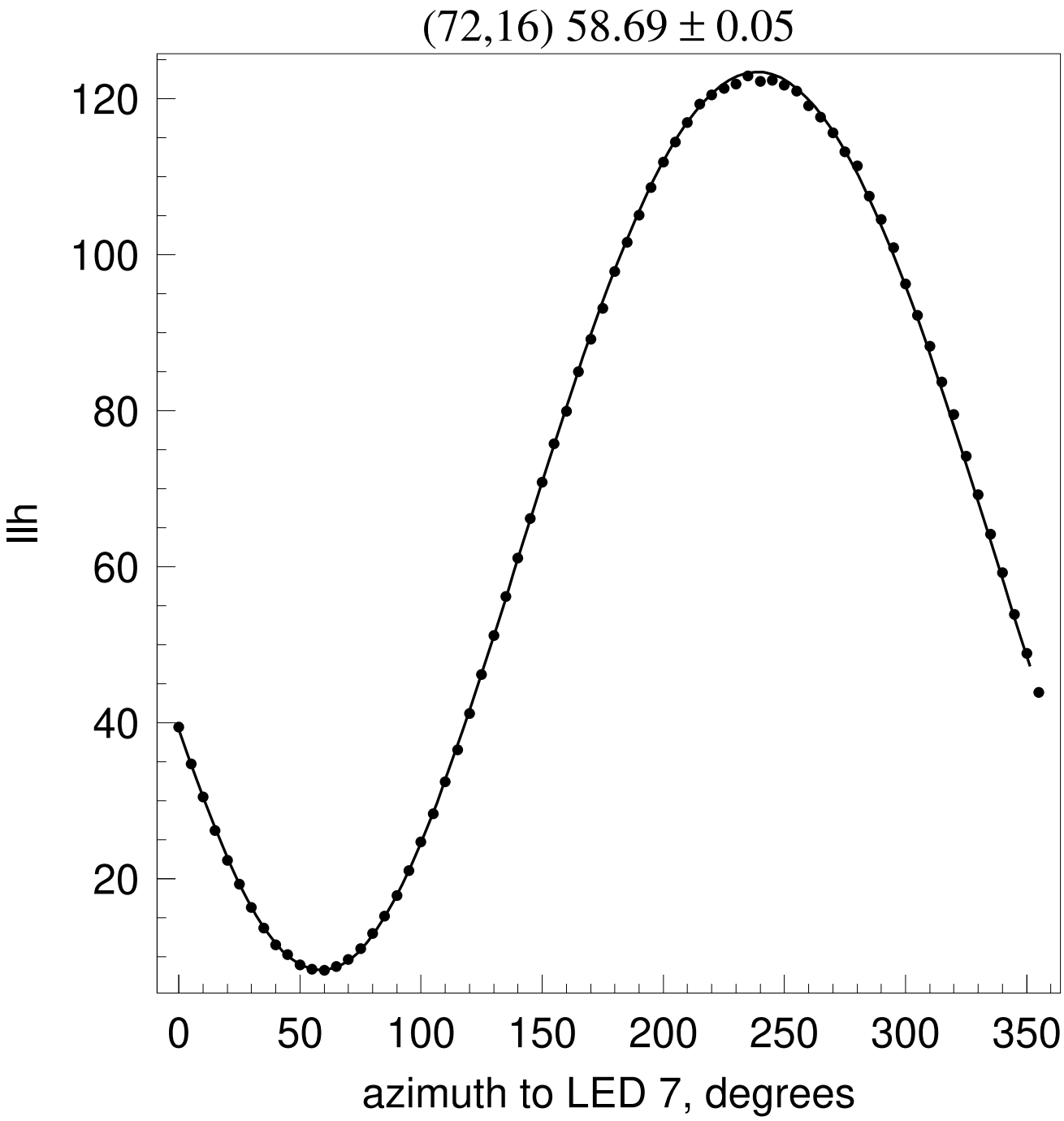

(72,11) 341.77 ± 0.11
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

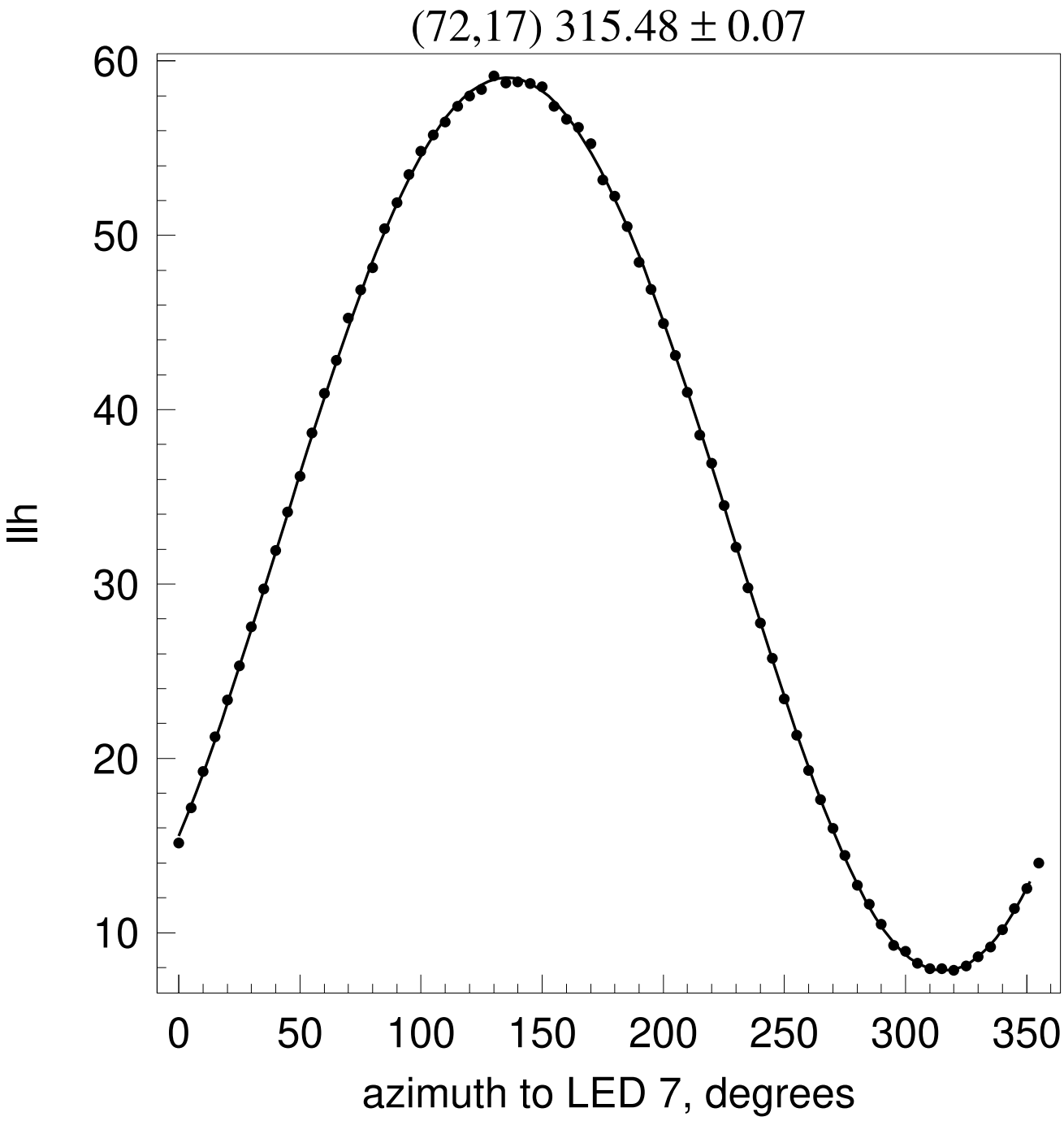

(72,12) 185.18 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

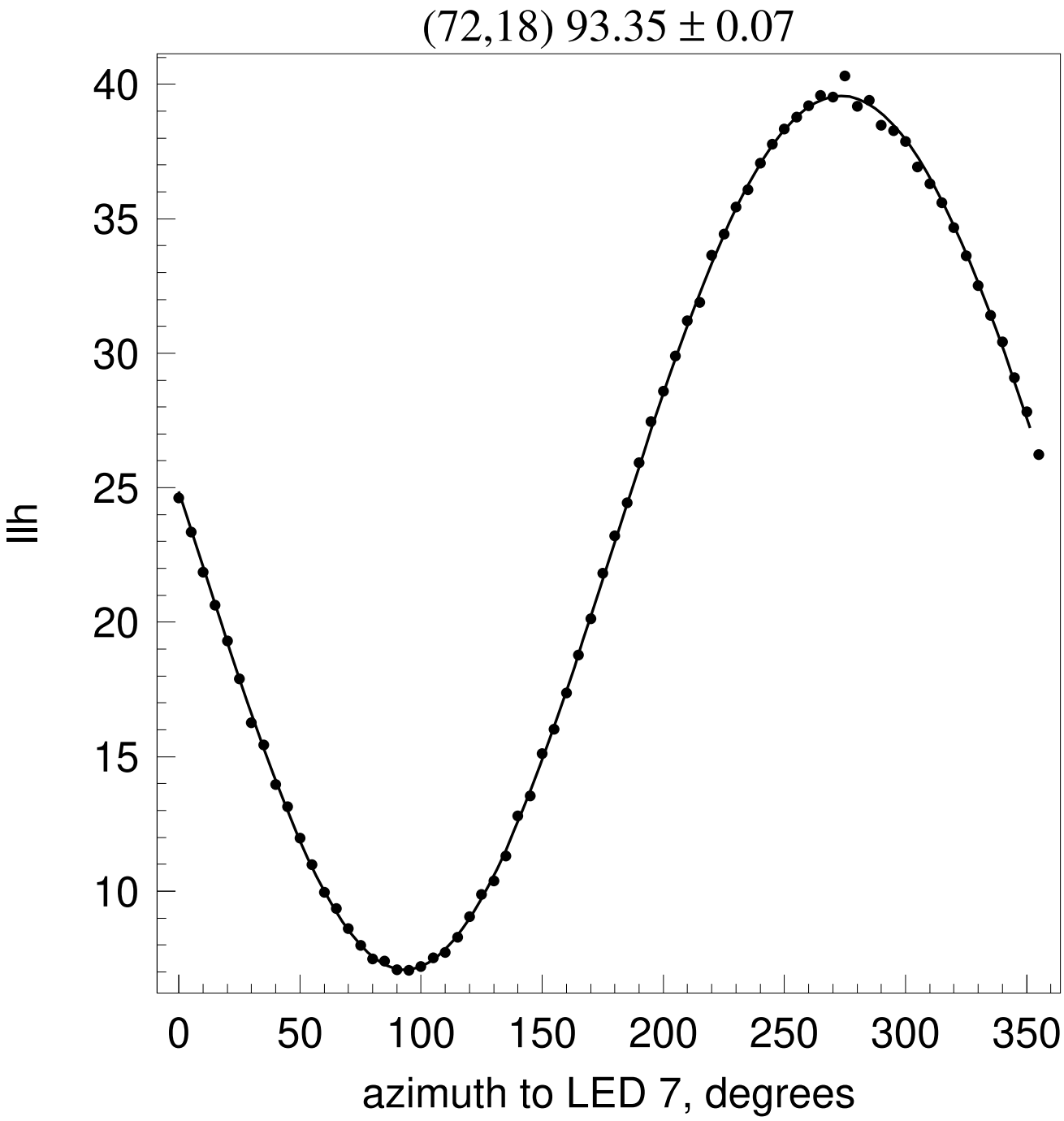

(72,13) 189.13 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

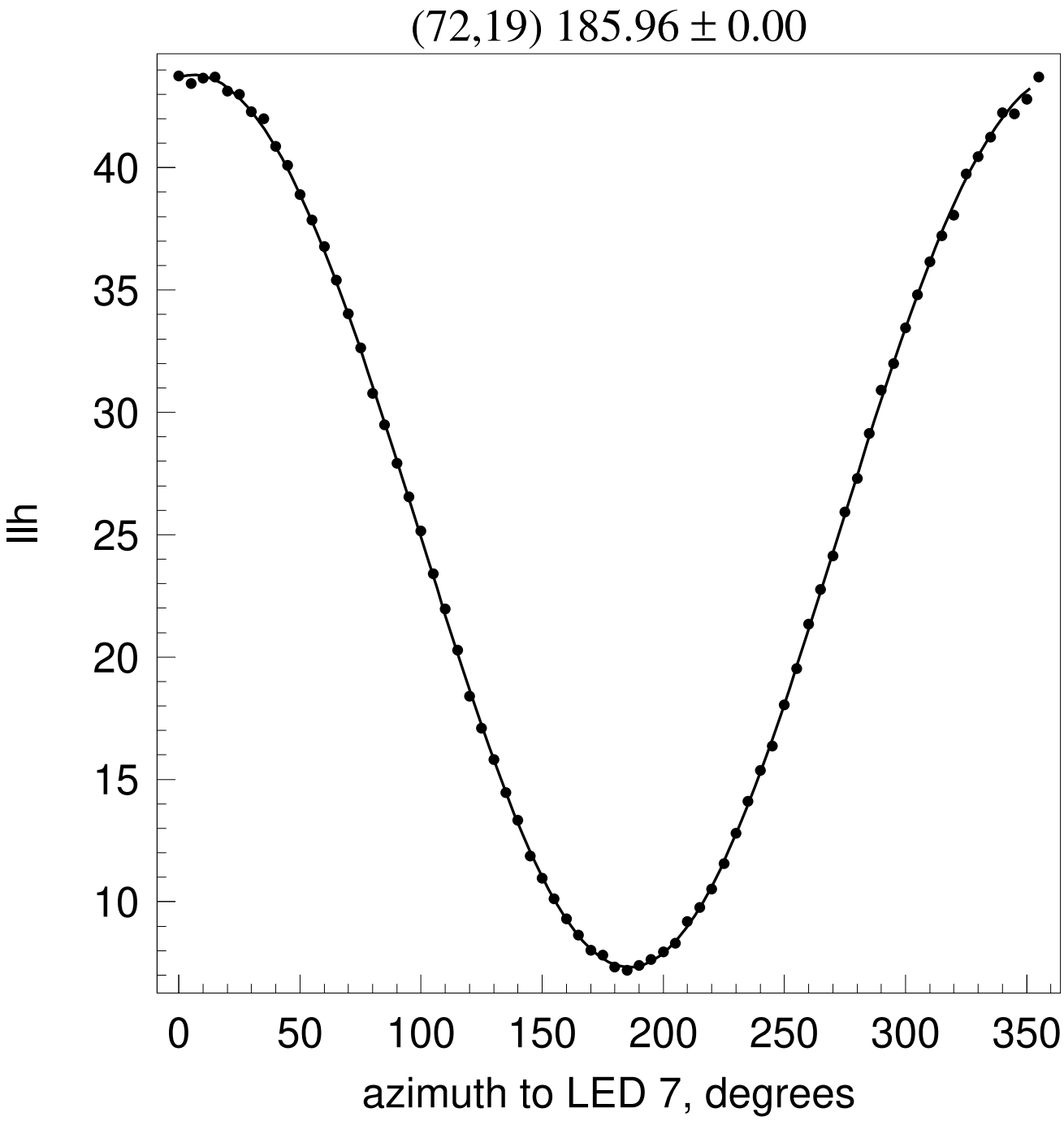

(72,14) 303.57 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

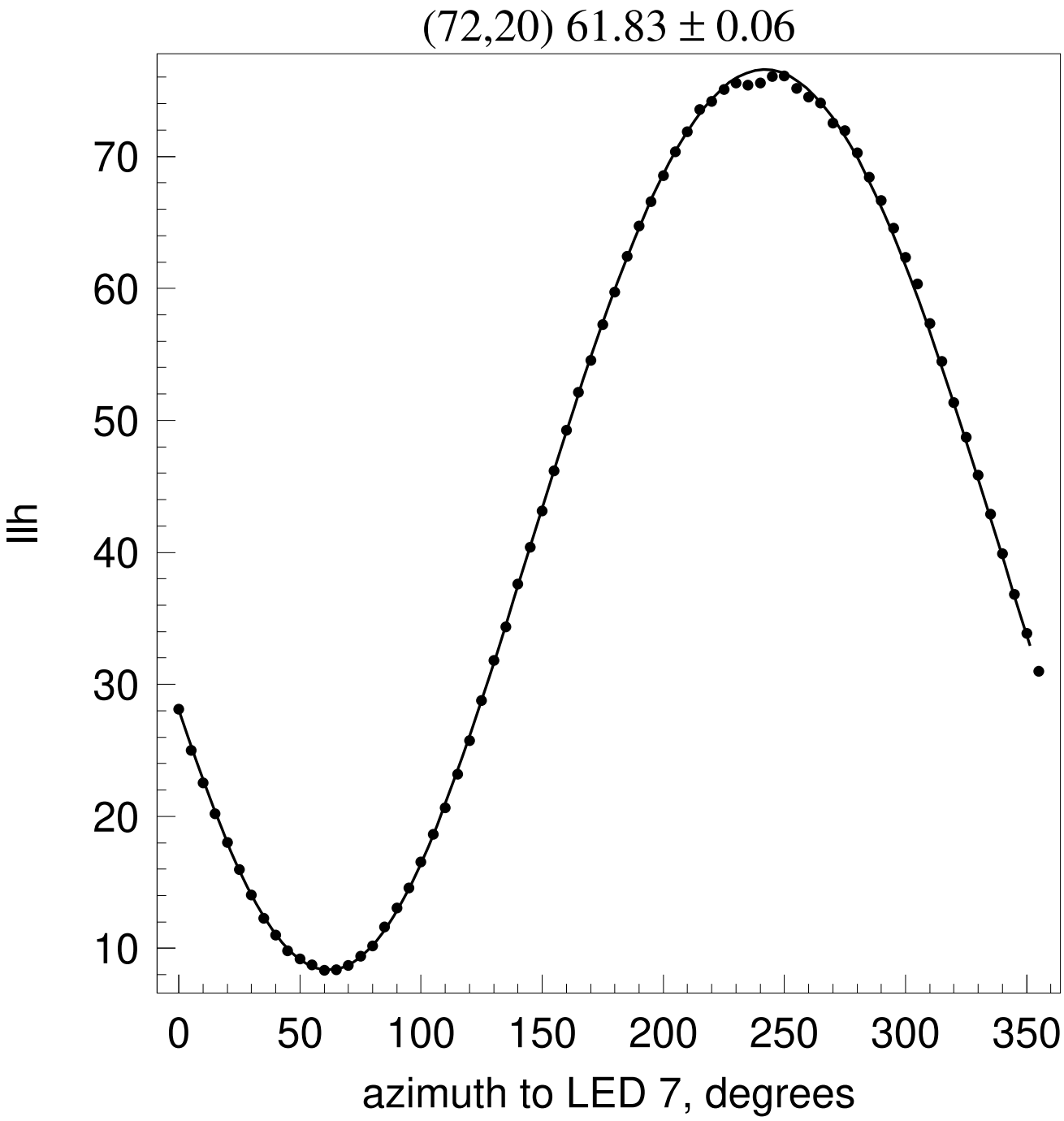

(72,15) 69.17 ± 1.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

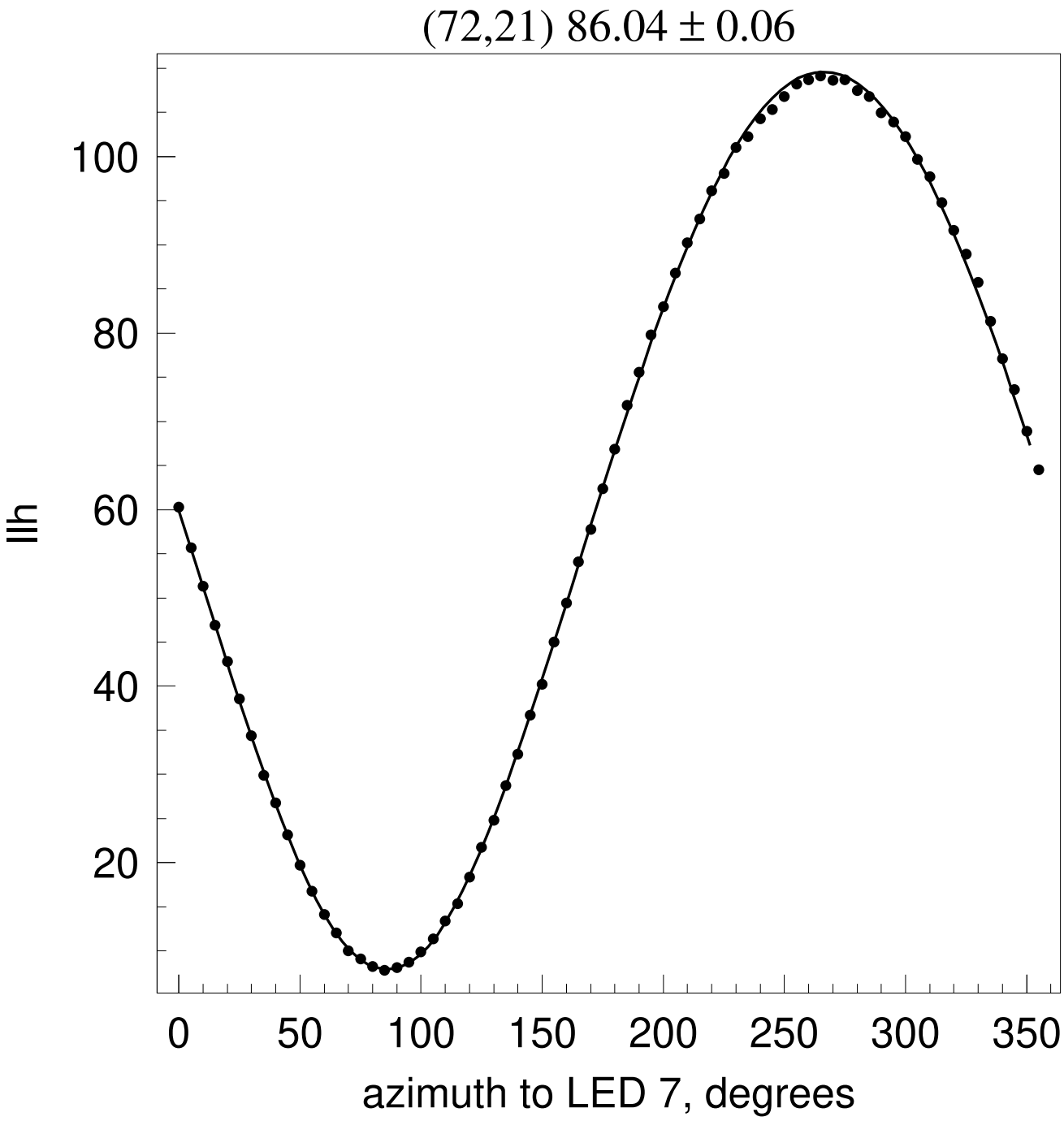

(72,16) 58.69 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

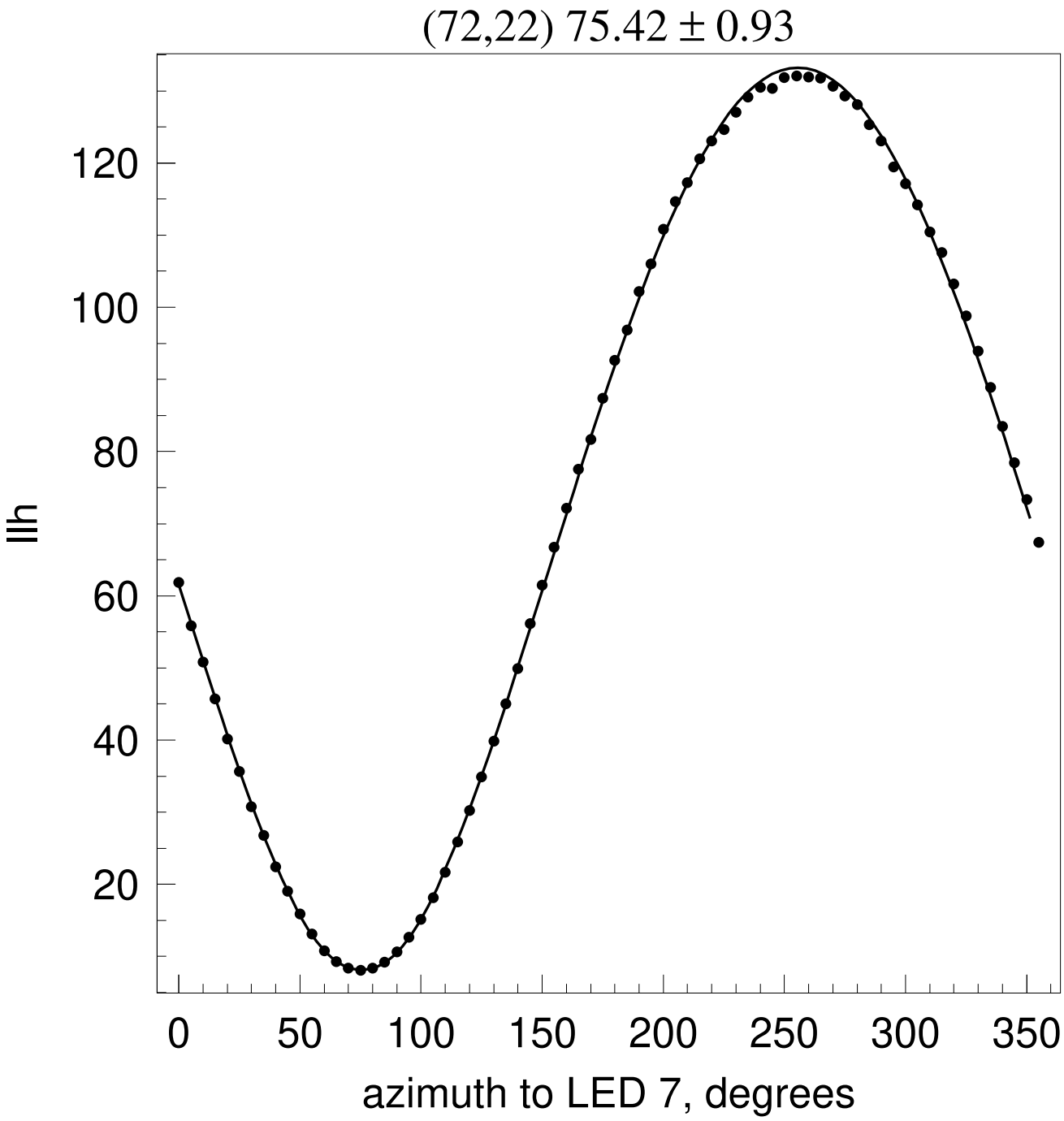

(72,17) 315.48 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

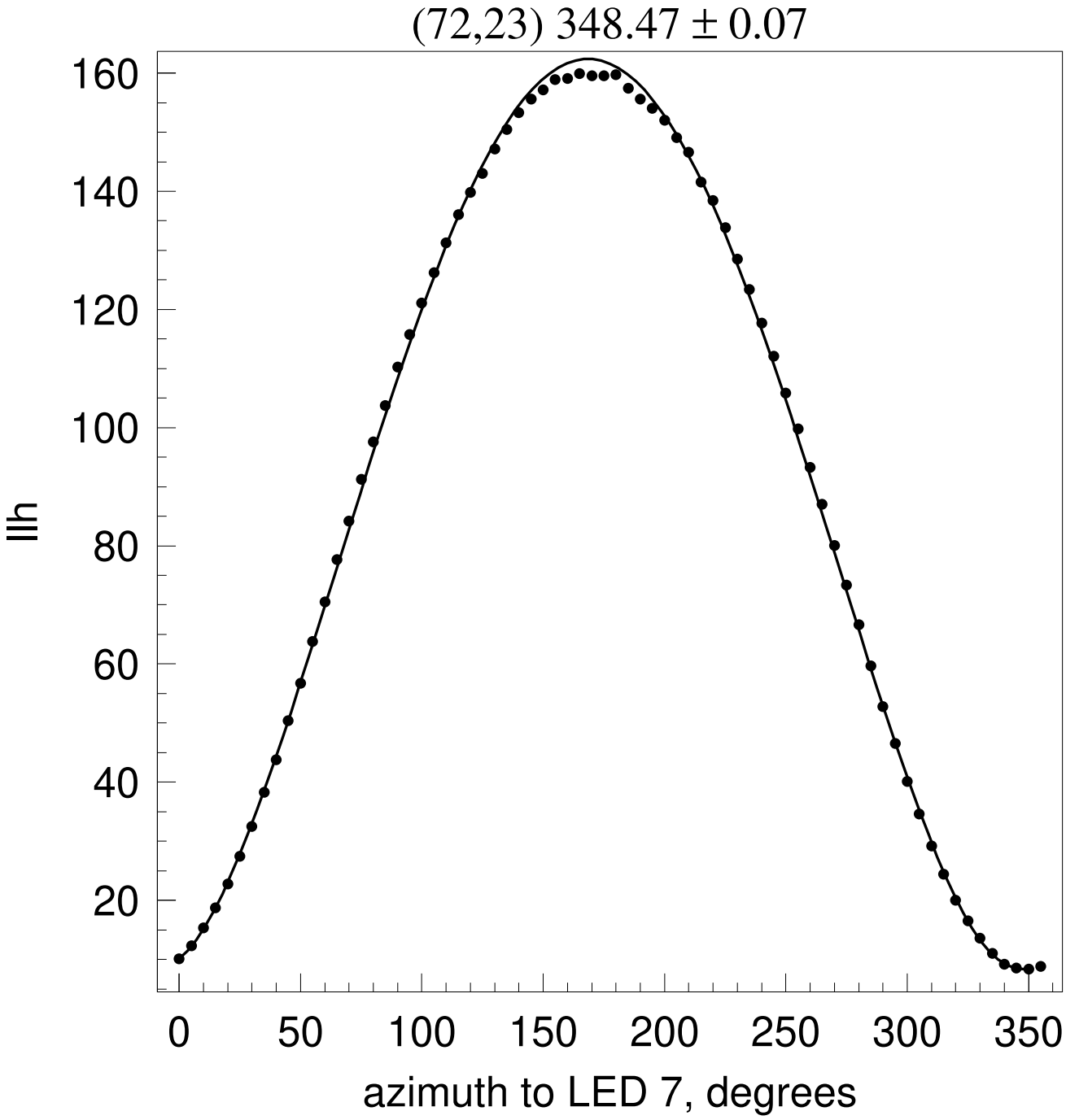

(72,18) 93.35 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

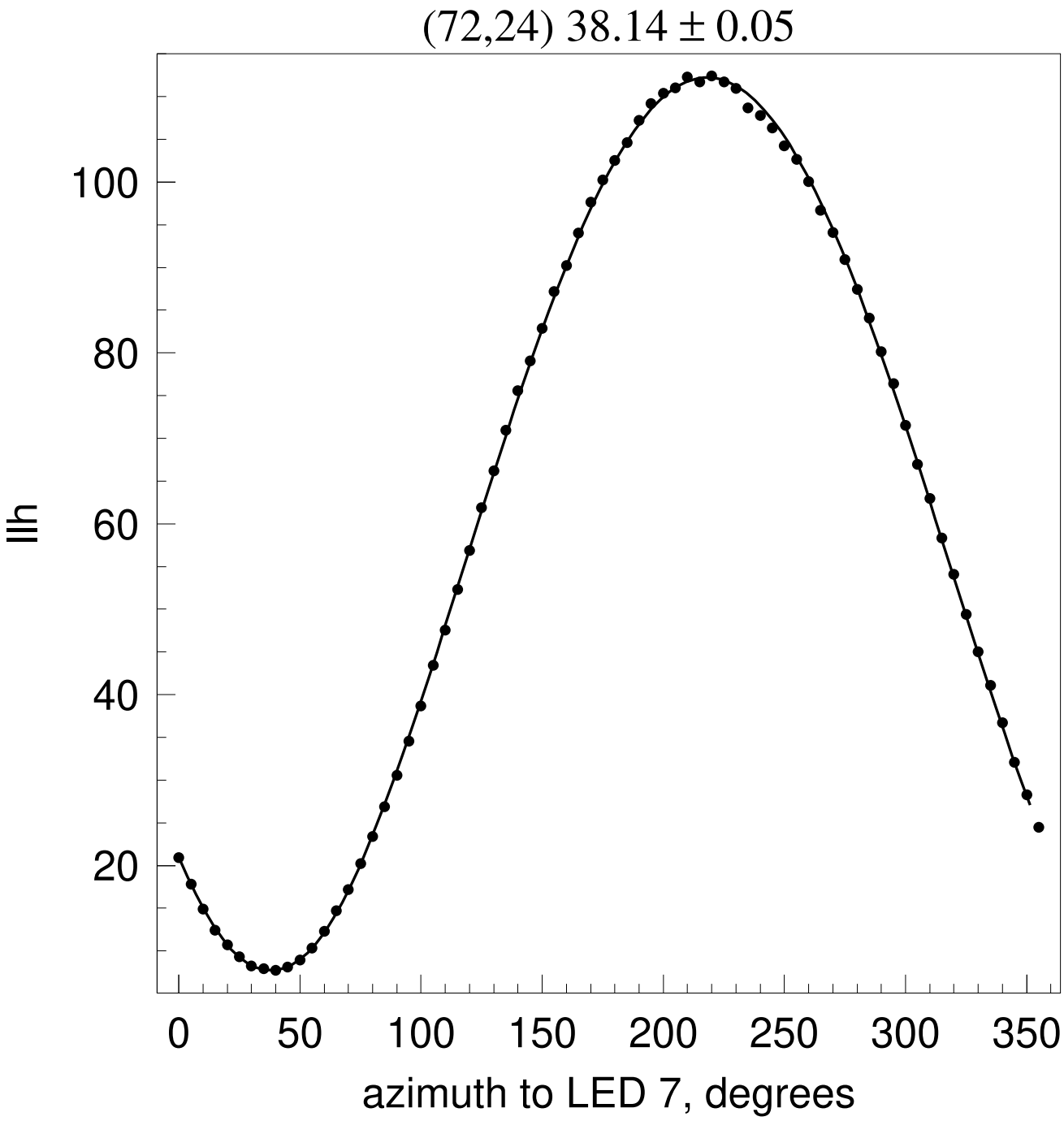

(72,19) 185.96 ± 0.00
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

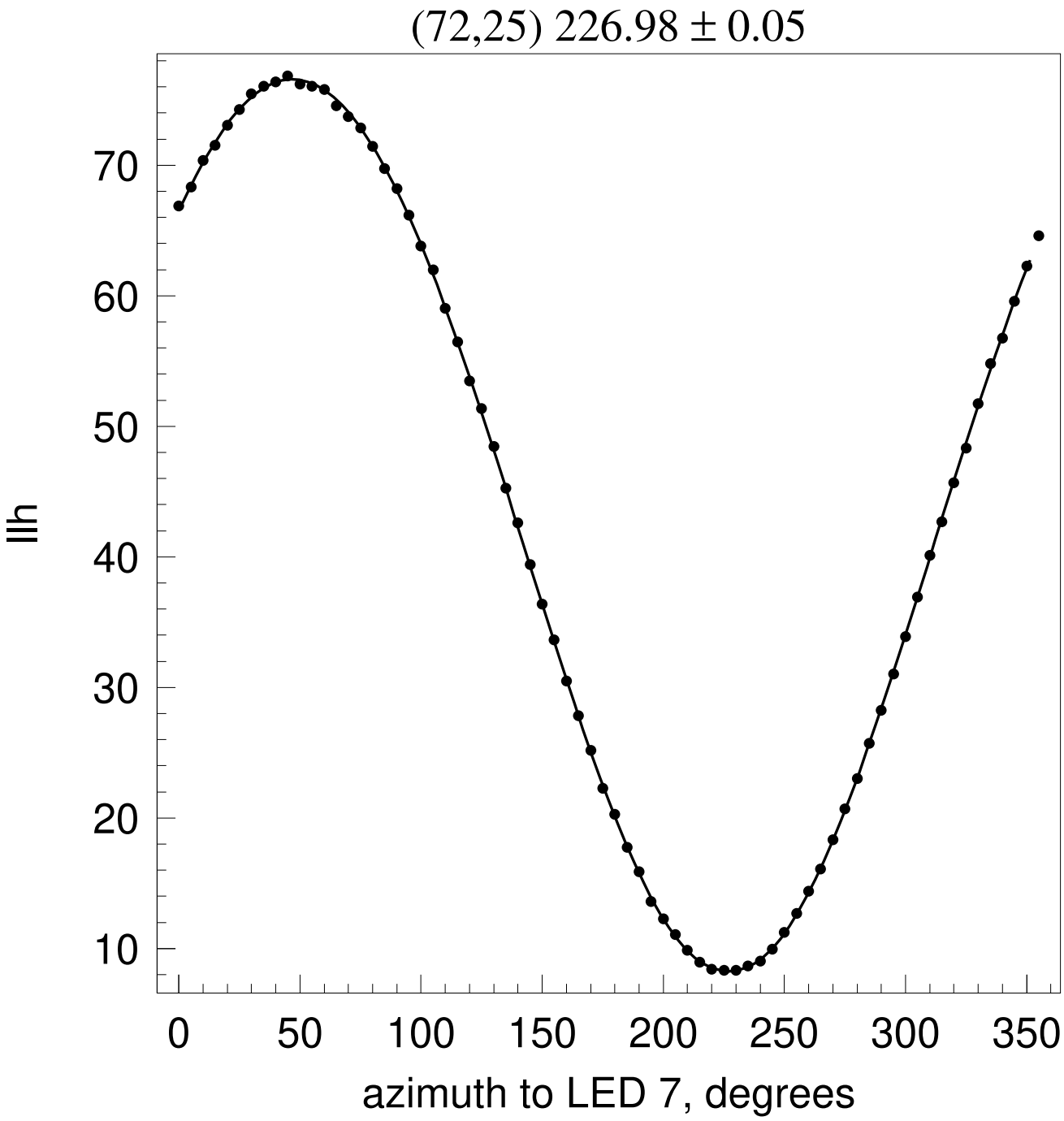

(72,20) 61.83 ± 0.06
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

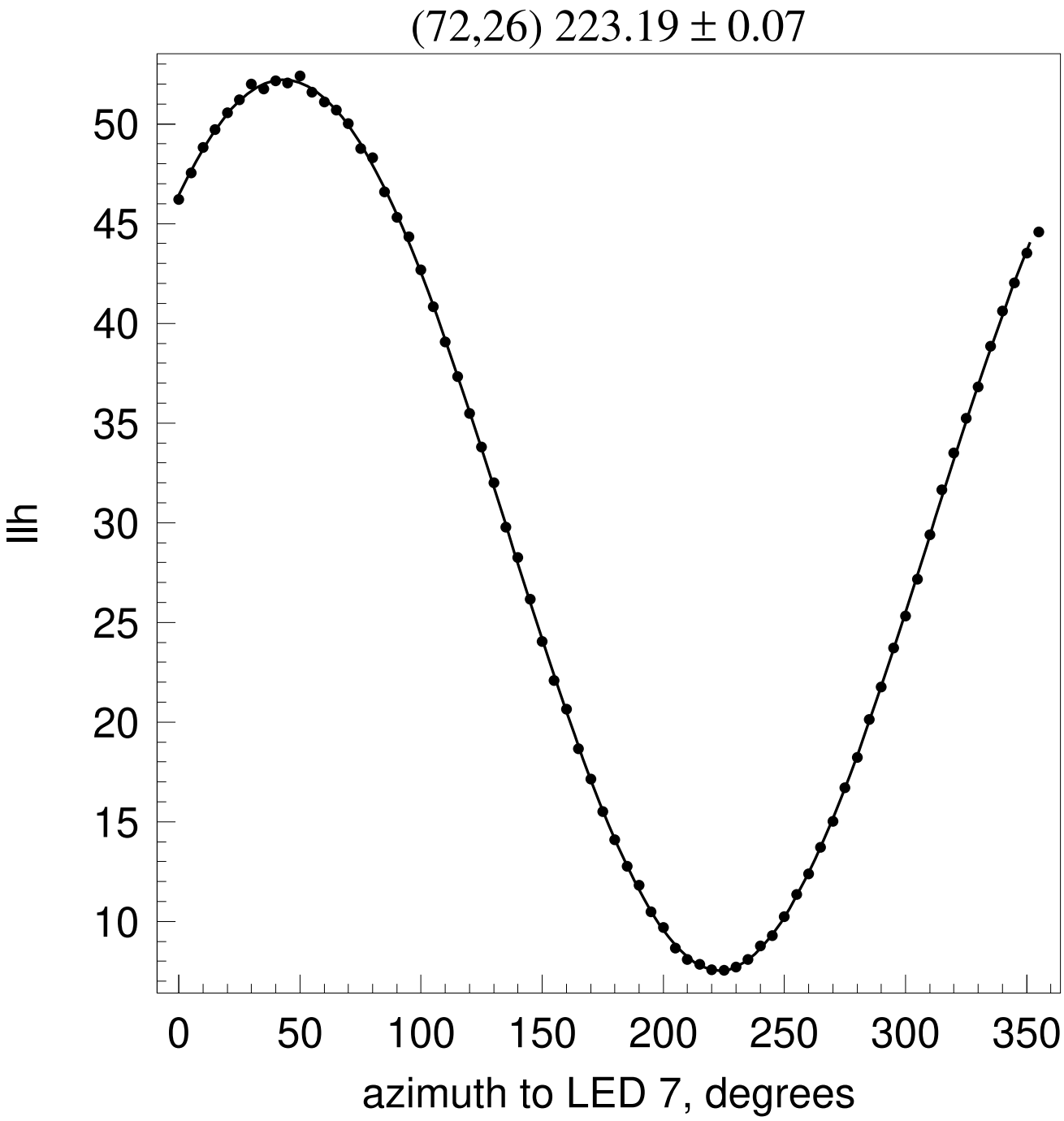

(72,21) 86.04 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

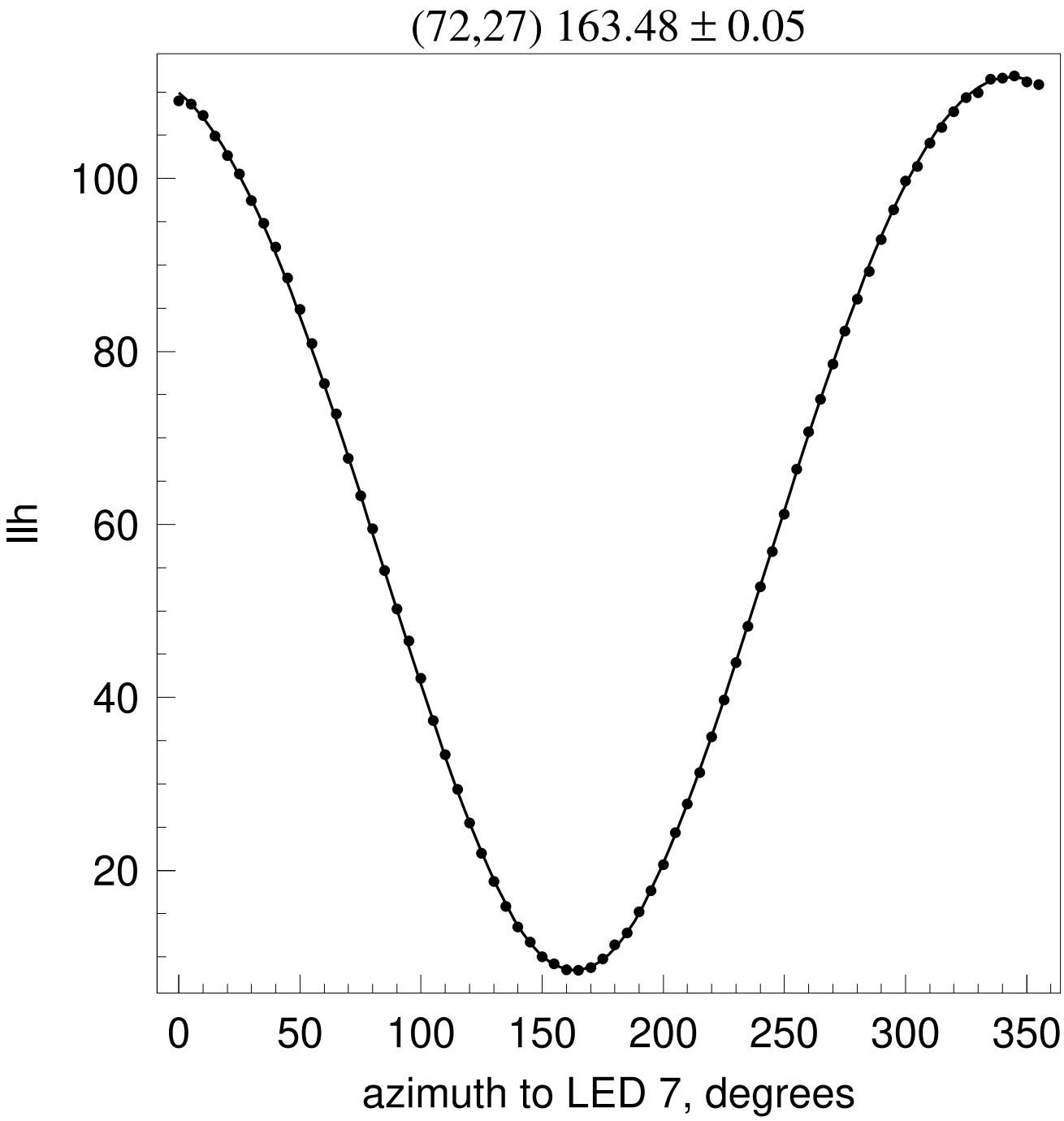

(72,22) 75.42 ± 0.93
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

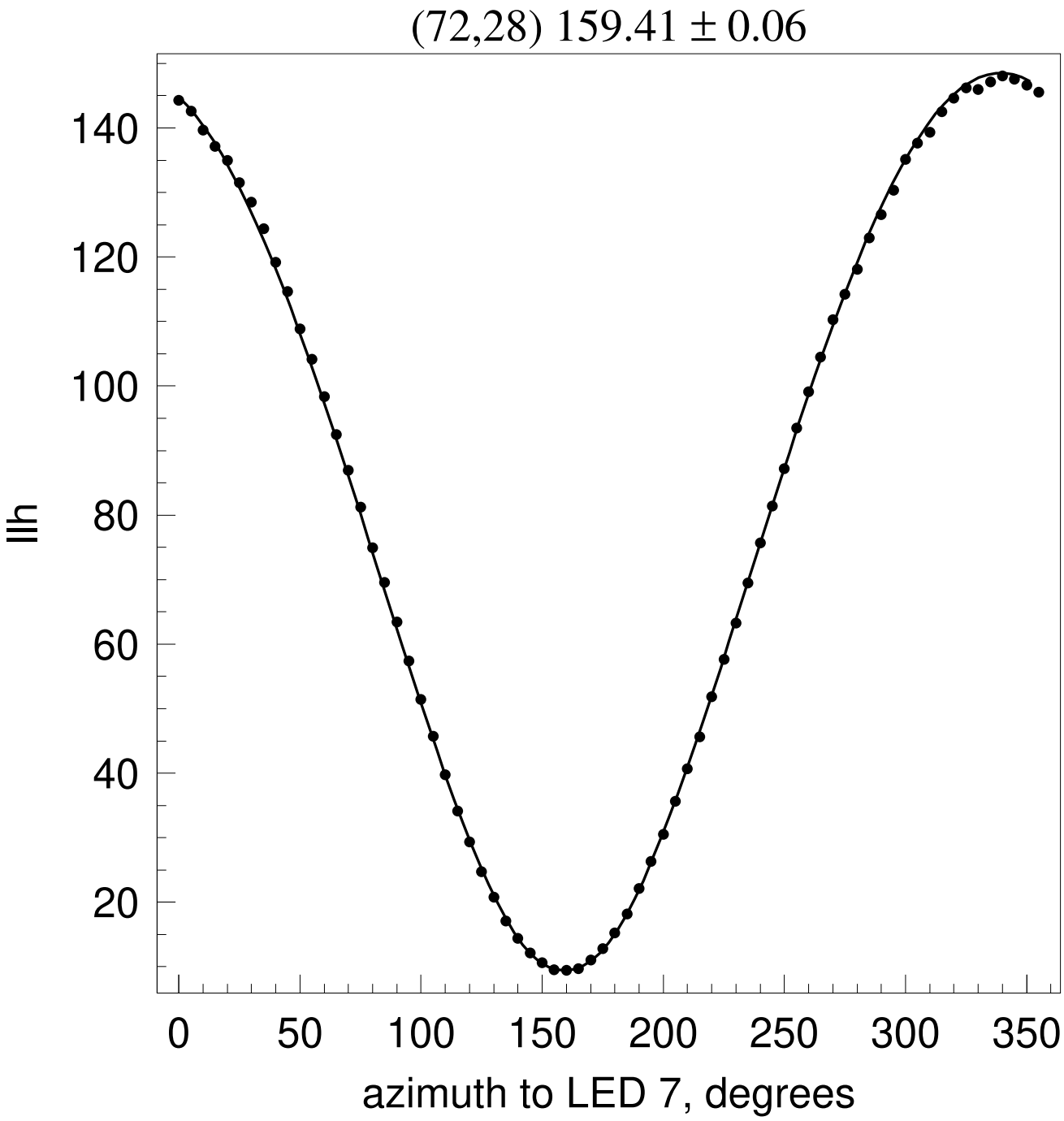

(72,23) 348.47 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

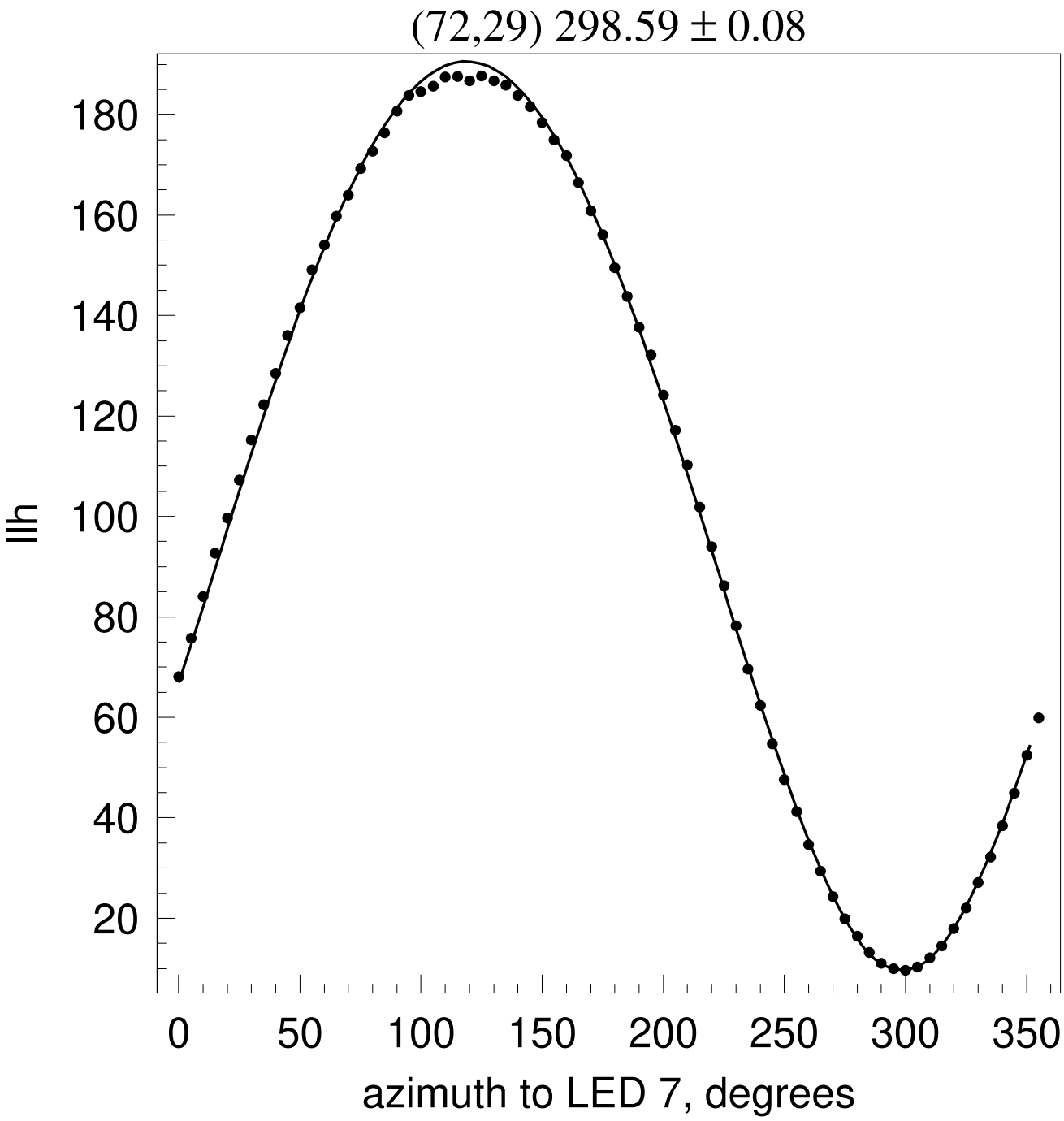

(72,24) 38.14 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

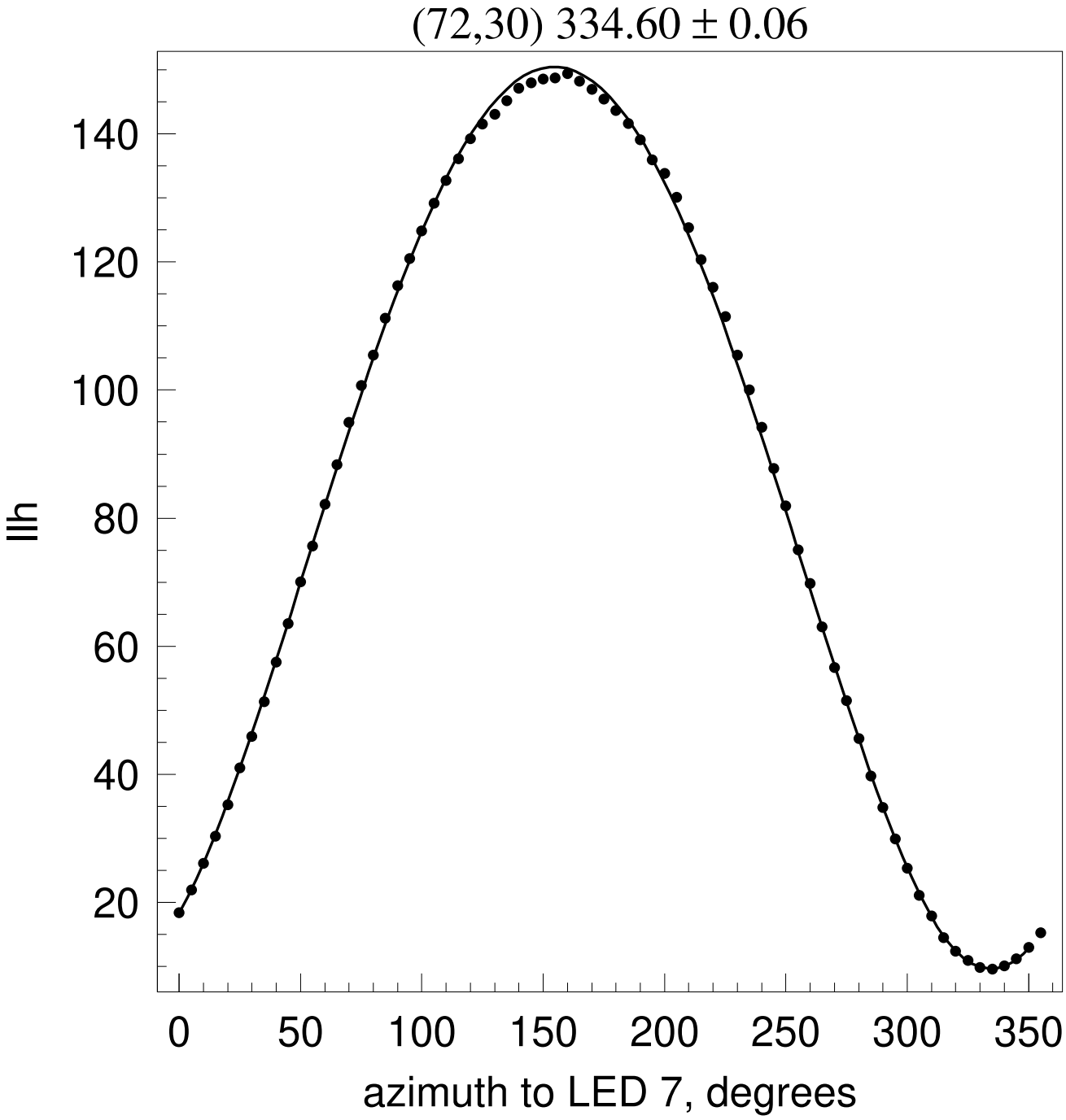

(72,25) 226.98 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

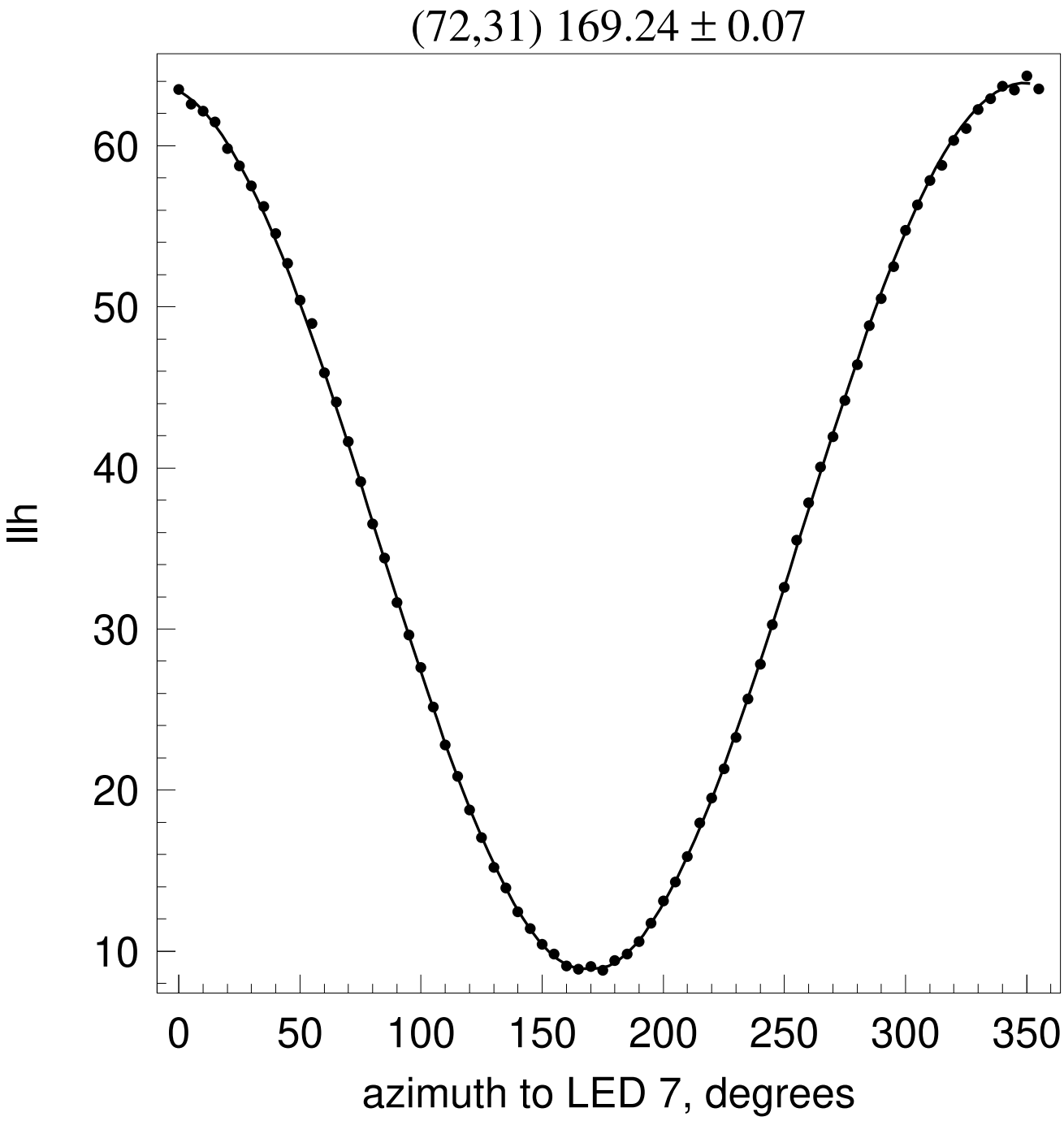

(72,26) 223.19 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

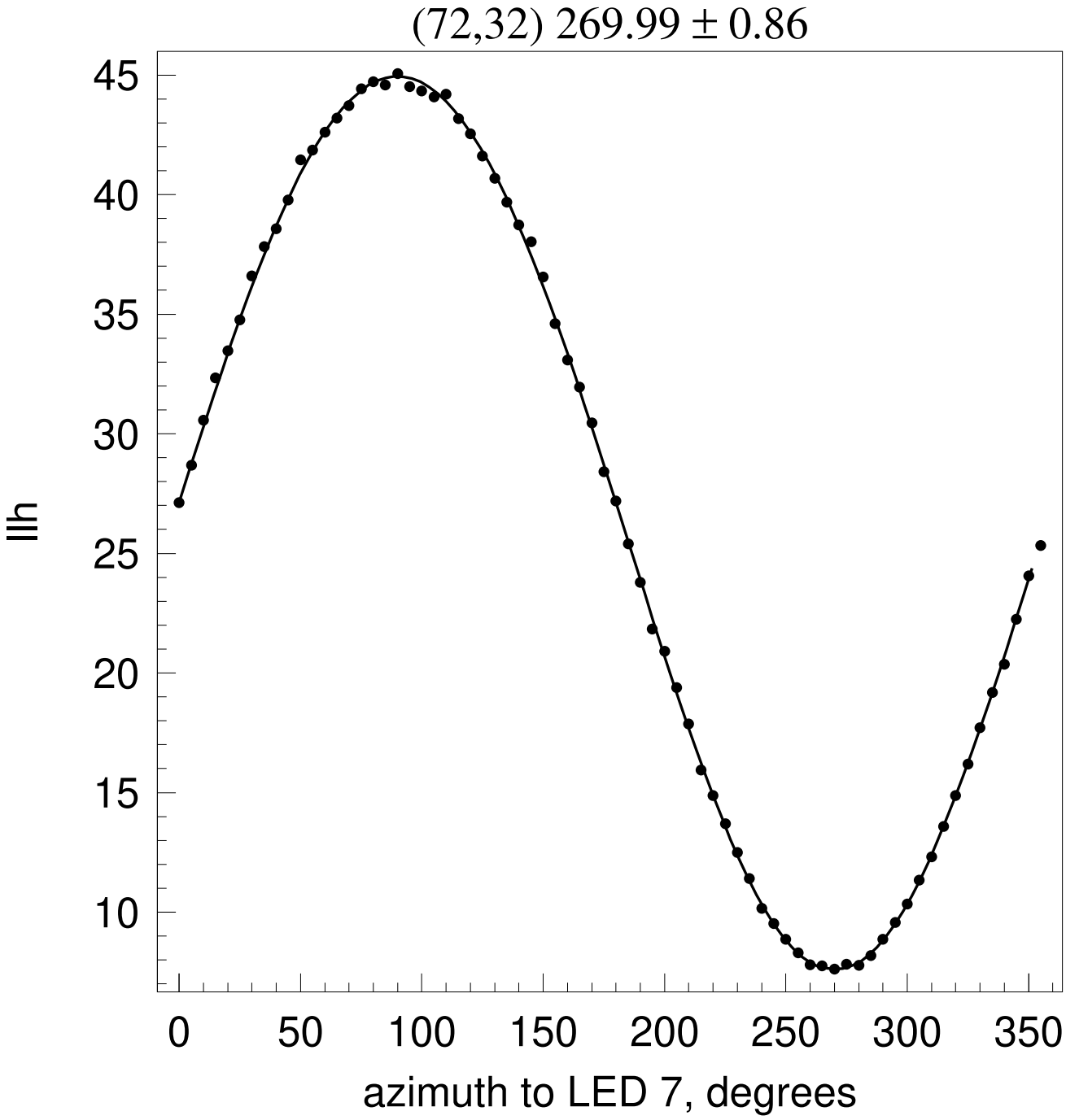

(72,27) 163.48 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

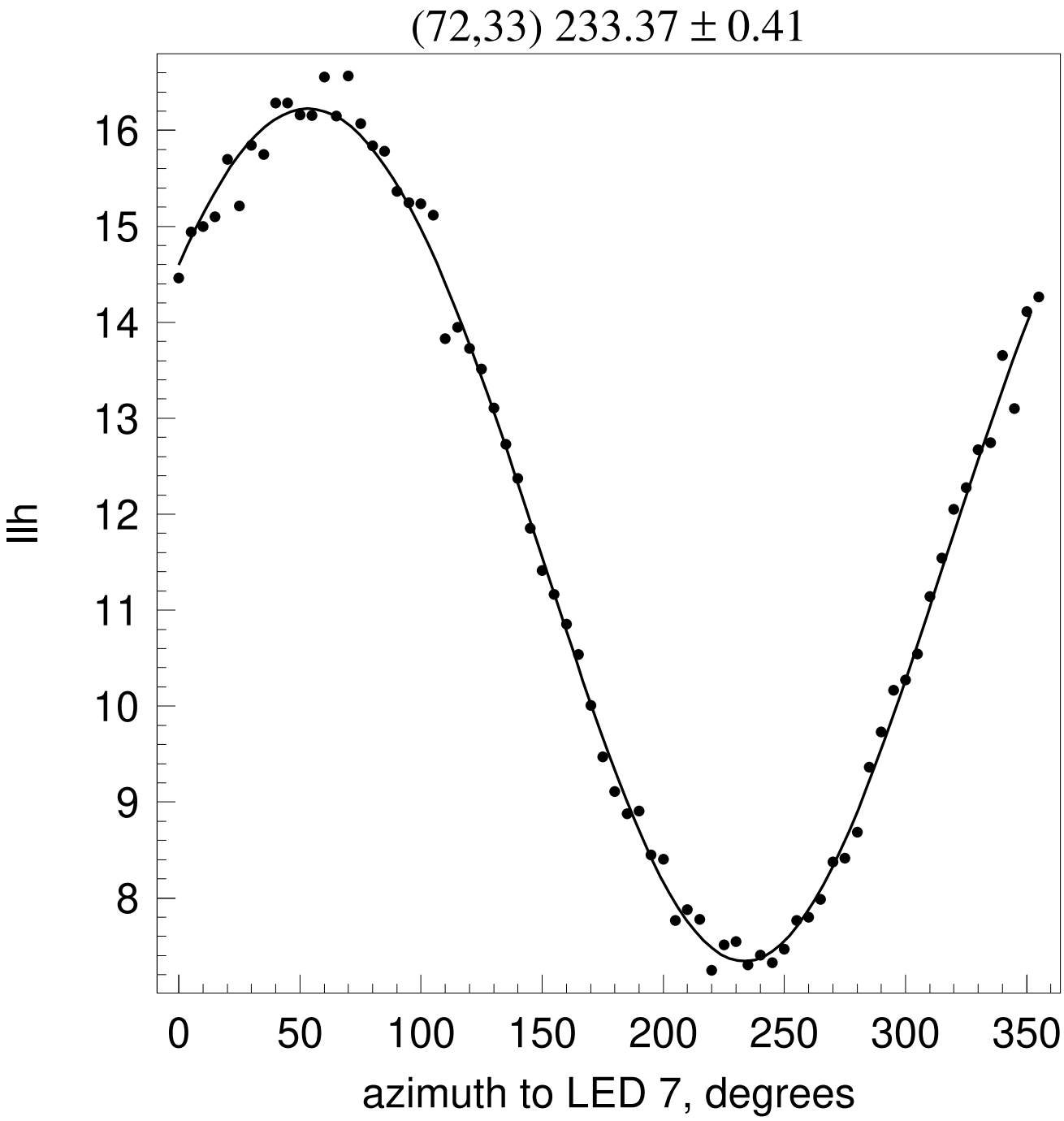

(72,28) 159.41 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

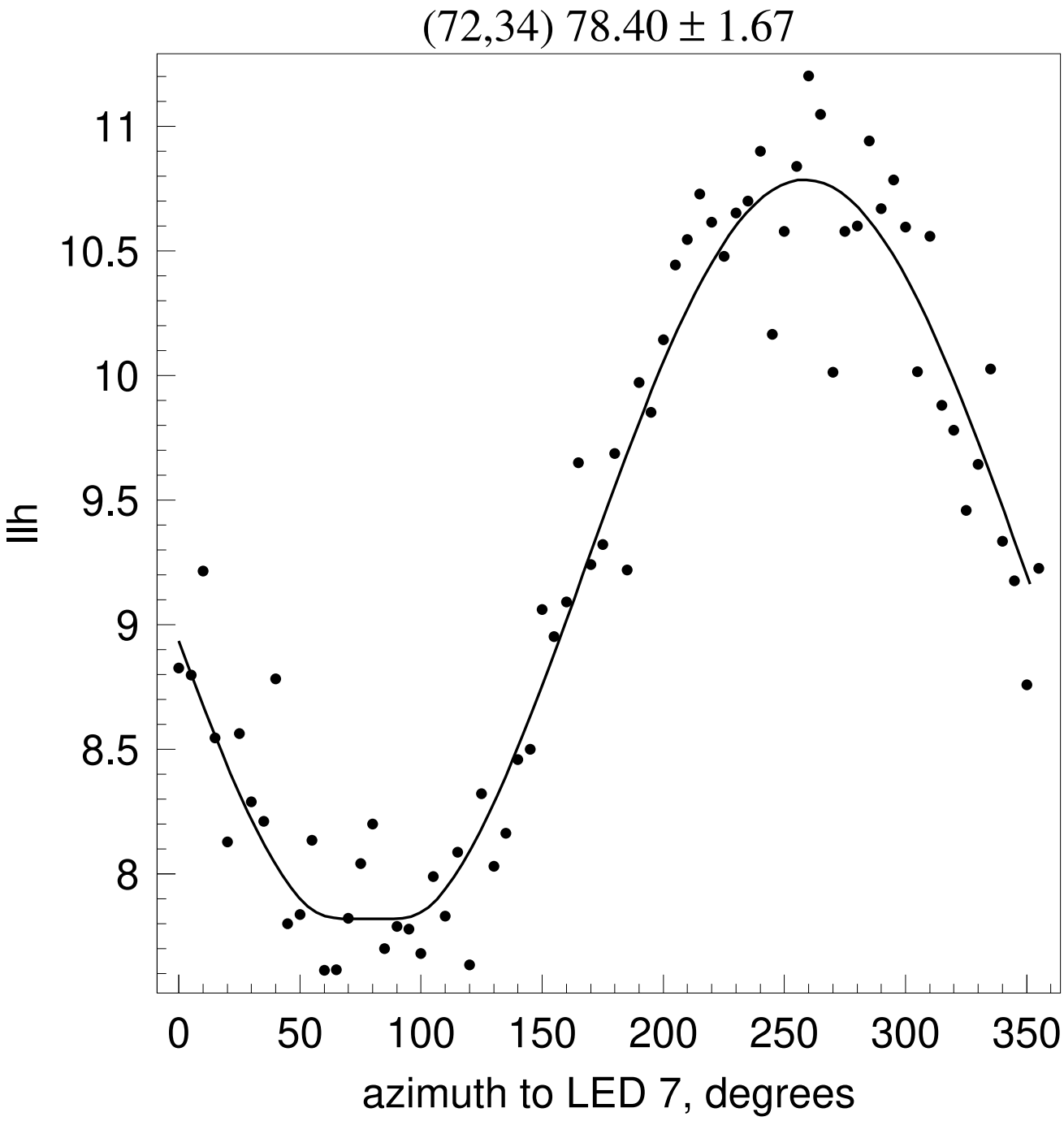

(72,29) 298.59 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

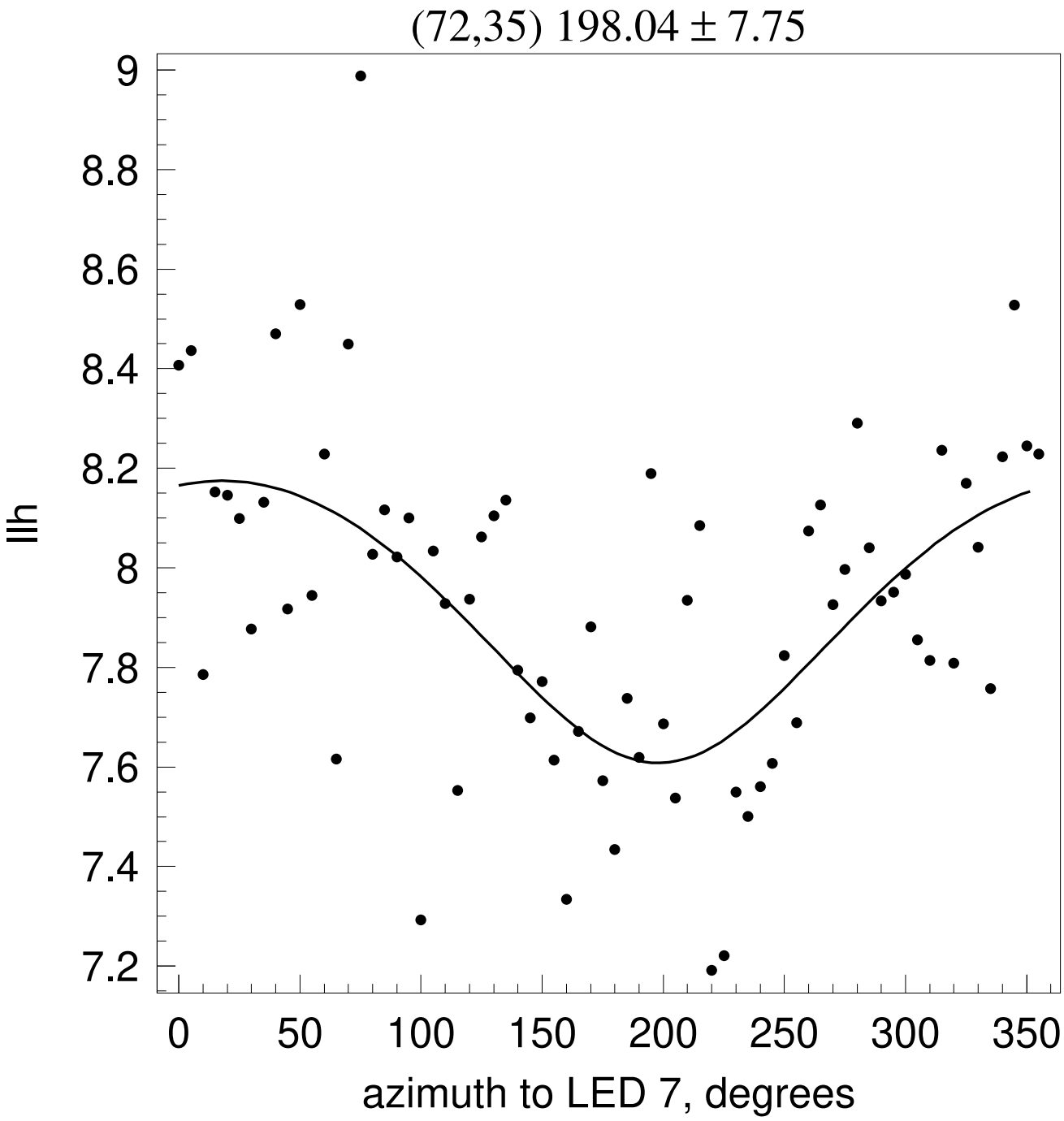

(72,30) 334.60 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

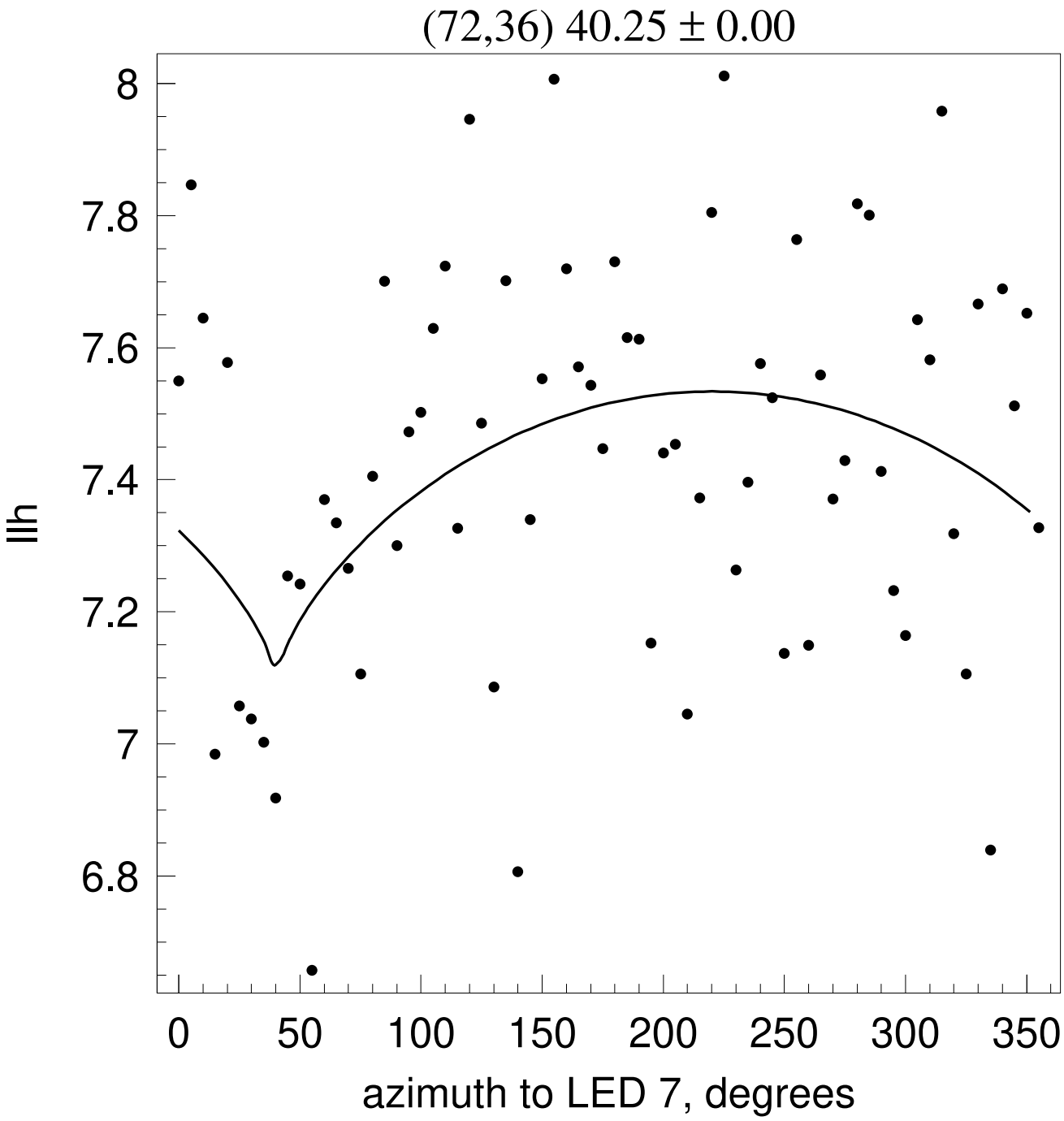

(72,31) 169.24 ± 0.07
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

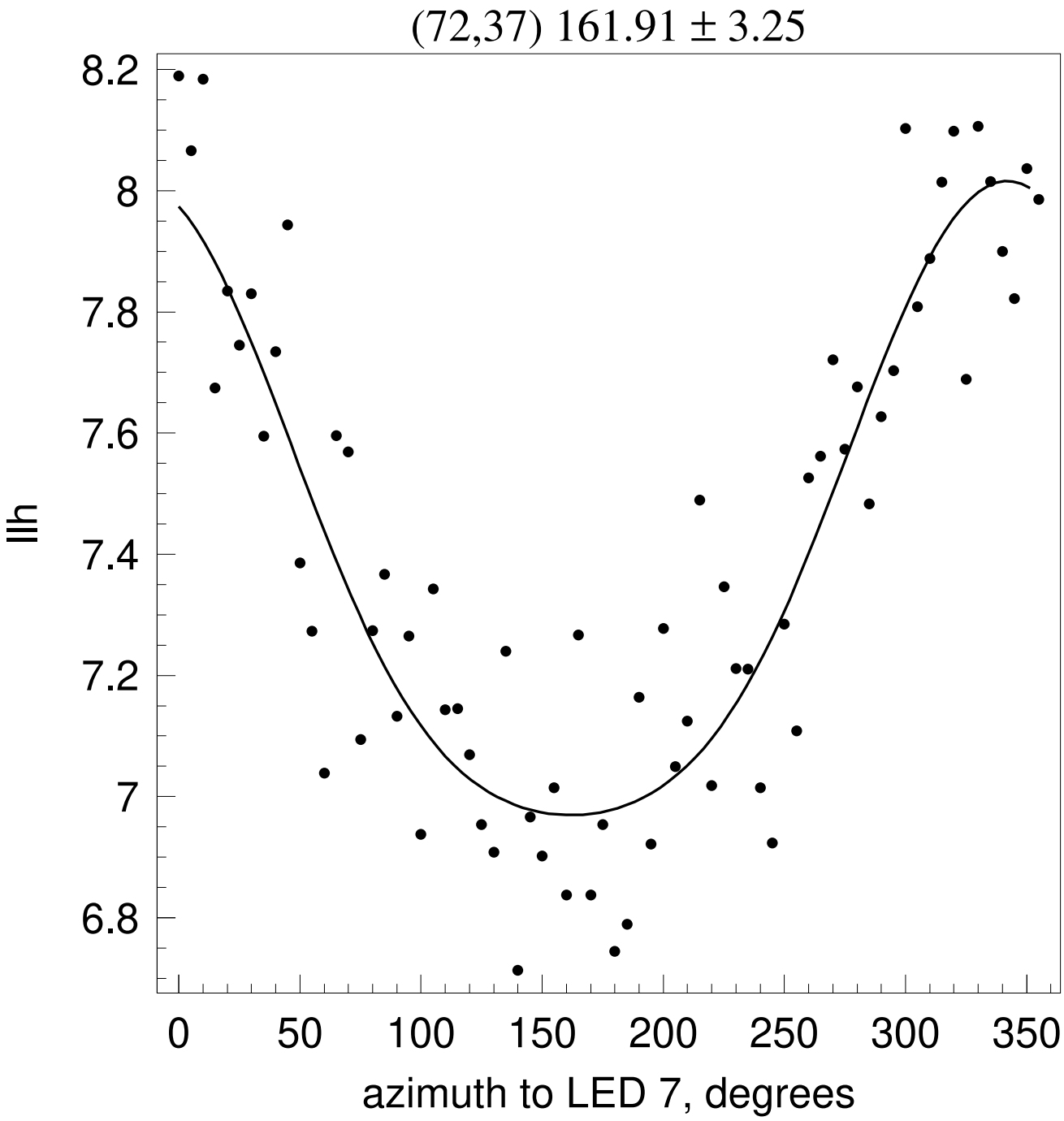

(72,32) 269.99 ± 0.86
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

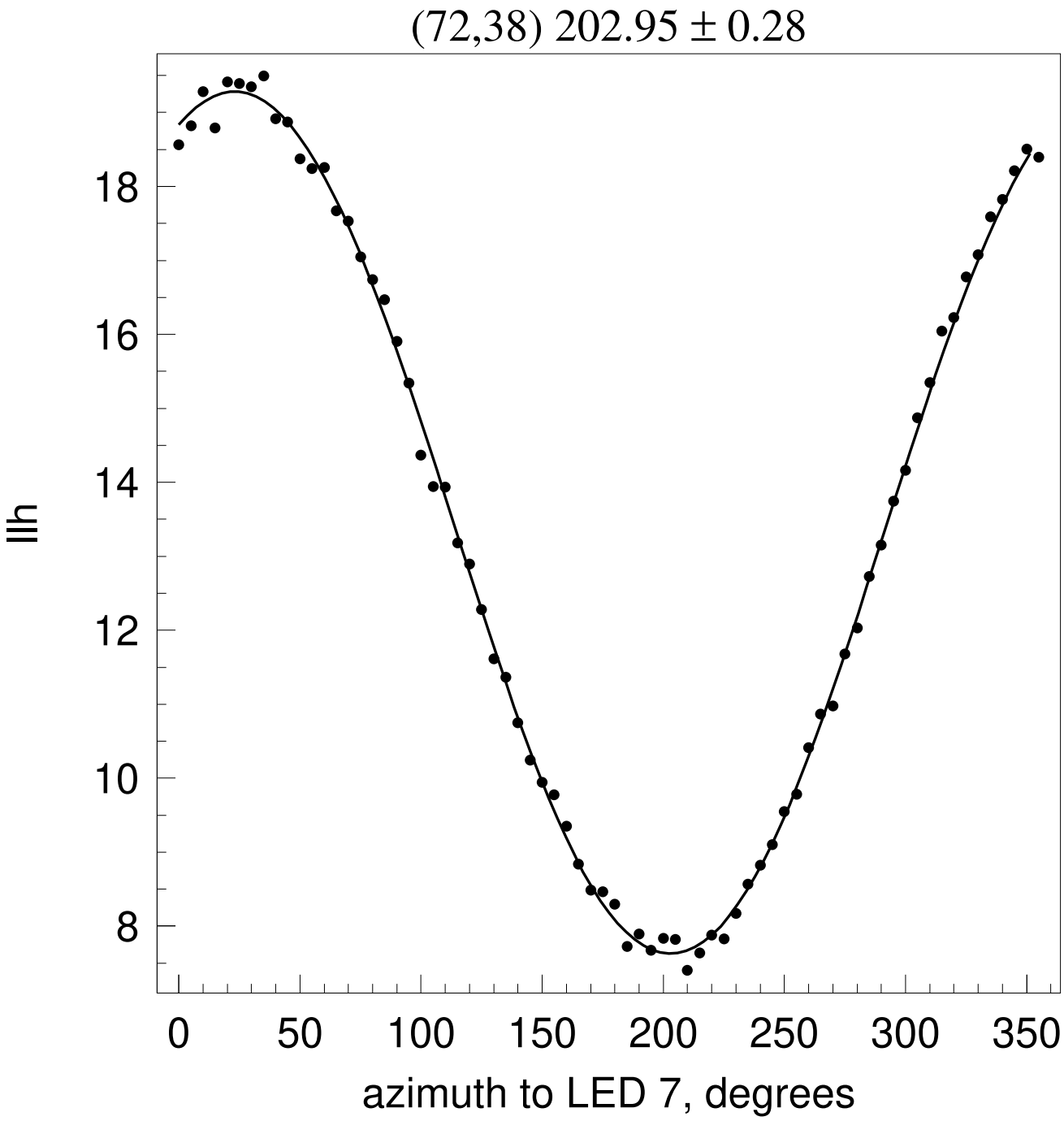

(72,33) 233.37 ± 0.41
16
15
14
13
12
11
10
9
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

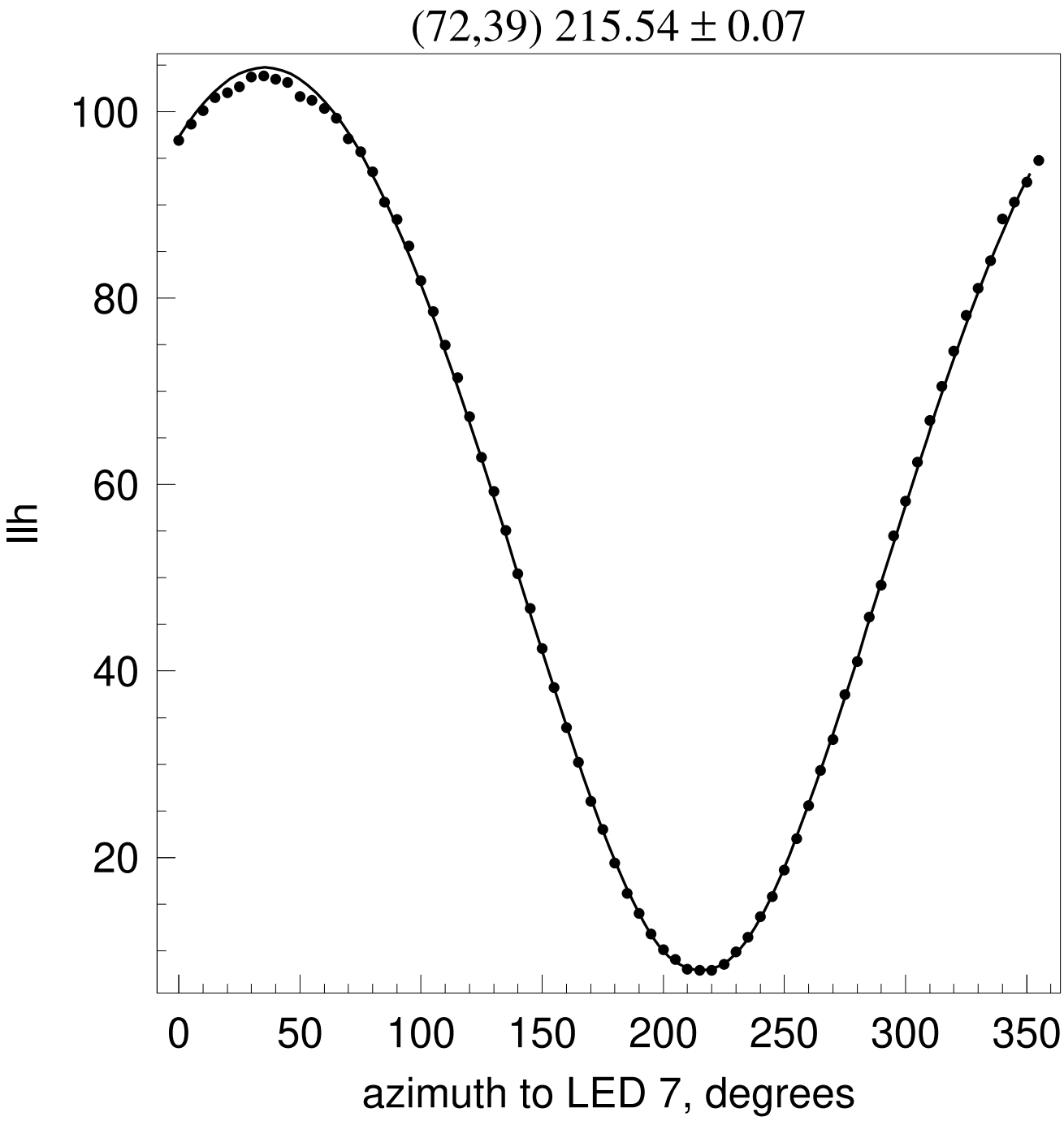

(72,34) 78.40 ± 1.67
11
10.5
10
9.5
9
8.5
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

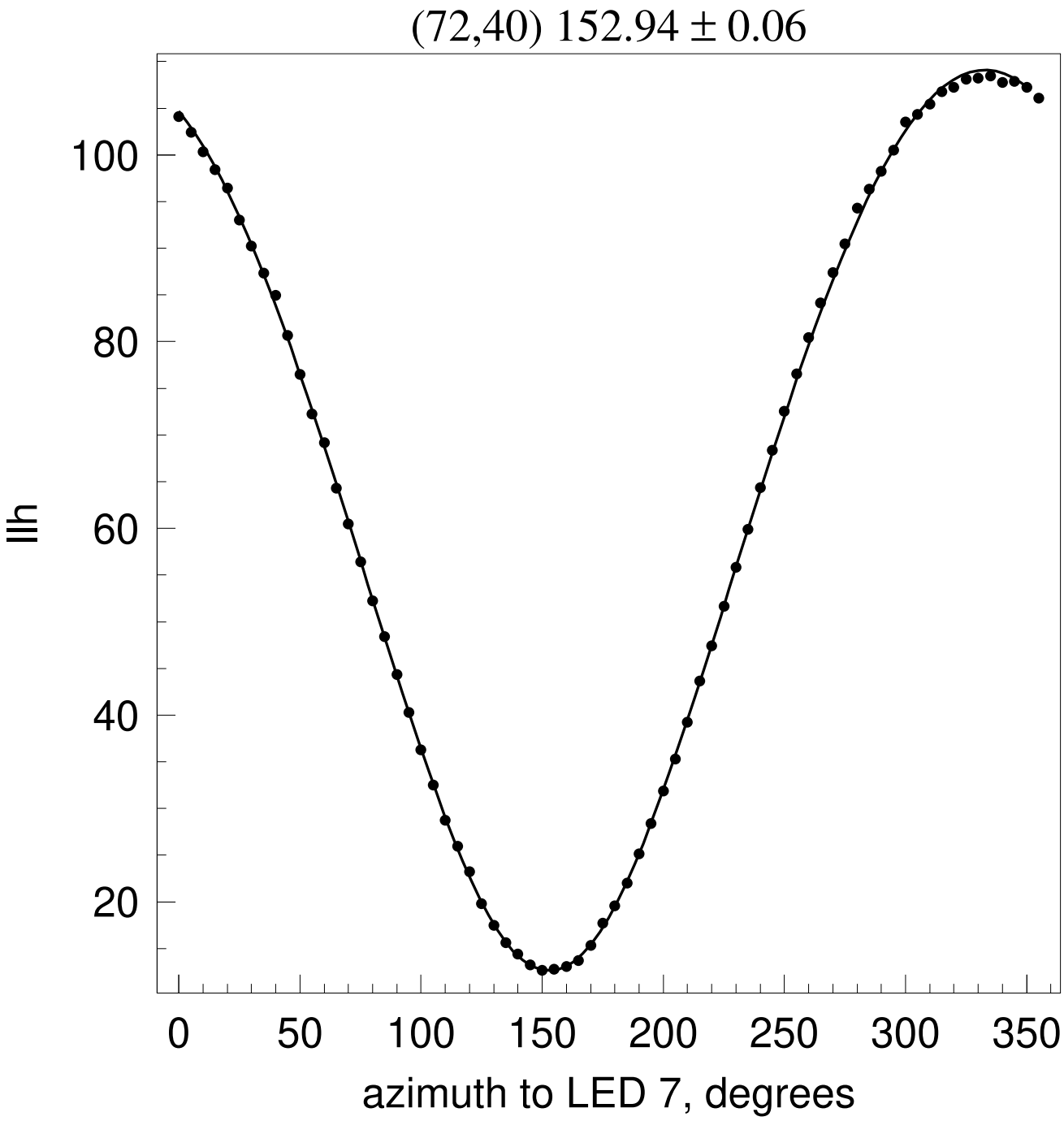

(72,35) 198.04 ± 7.75
9
8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
7.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

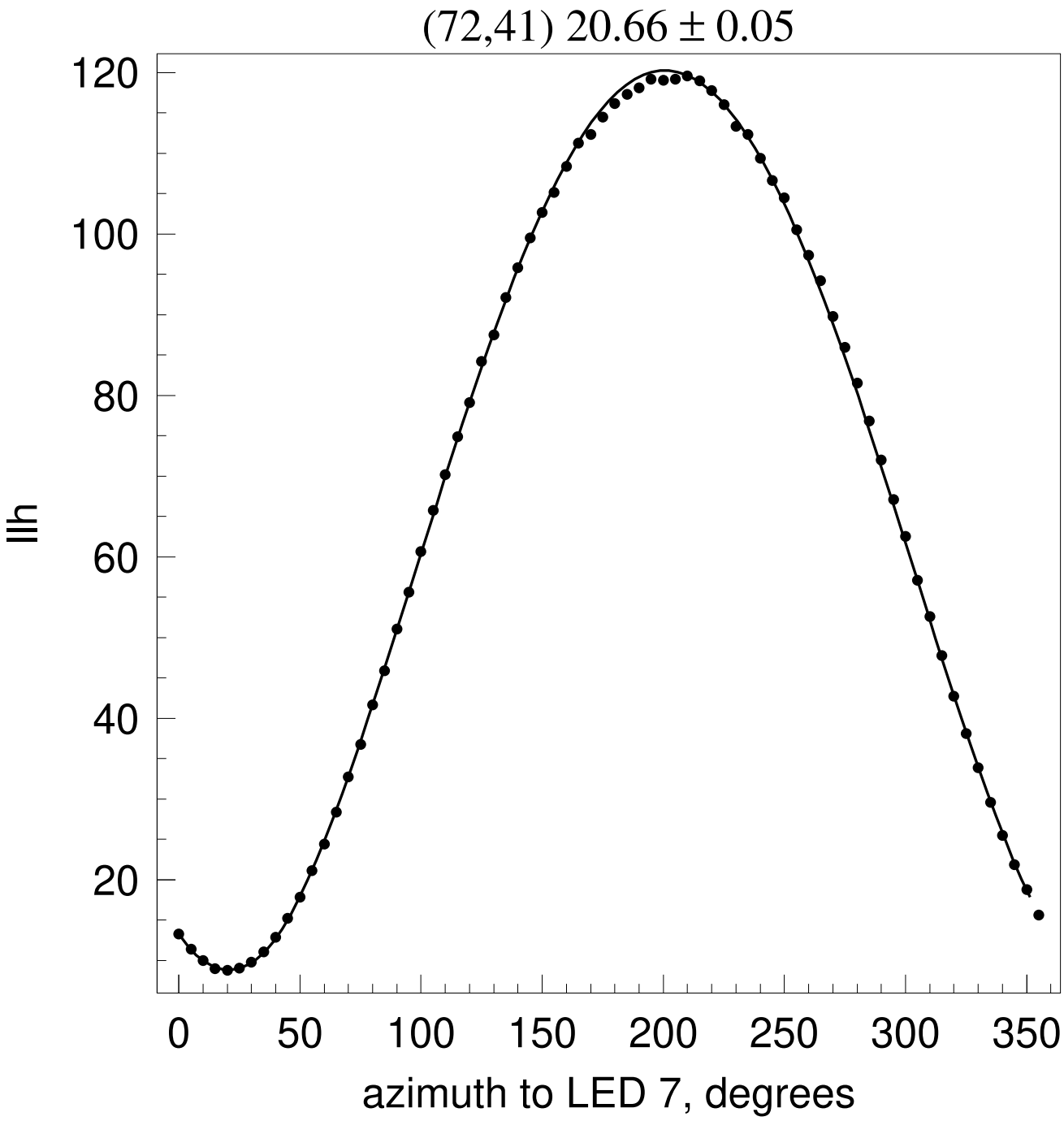

(72,36) 40.25 ± 0.00
8
7.8
7.6
7.4
7.2
7
6.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

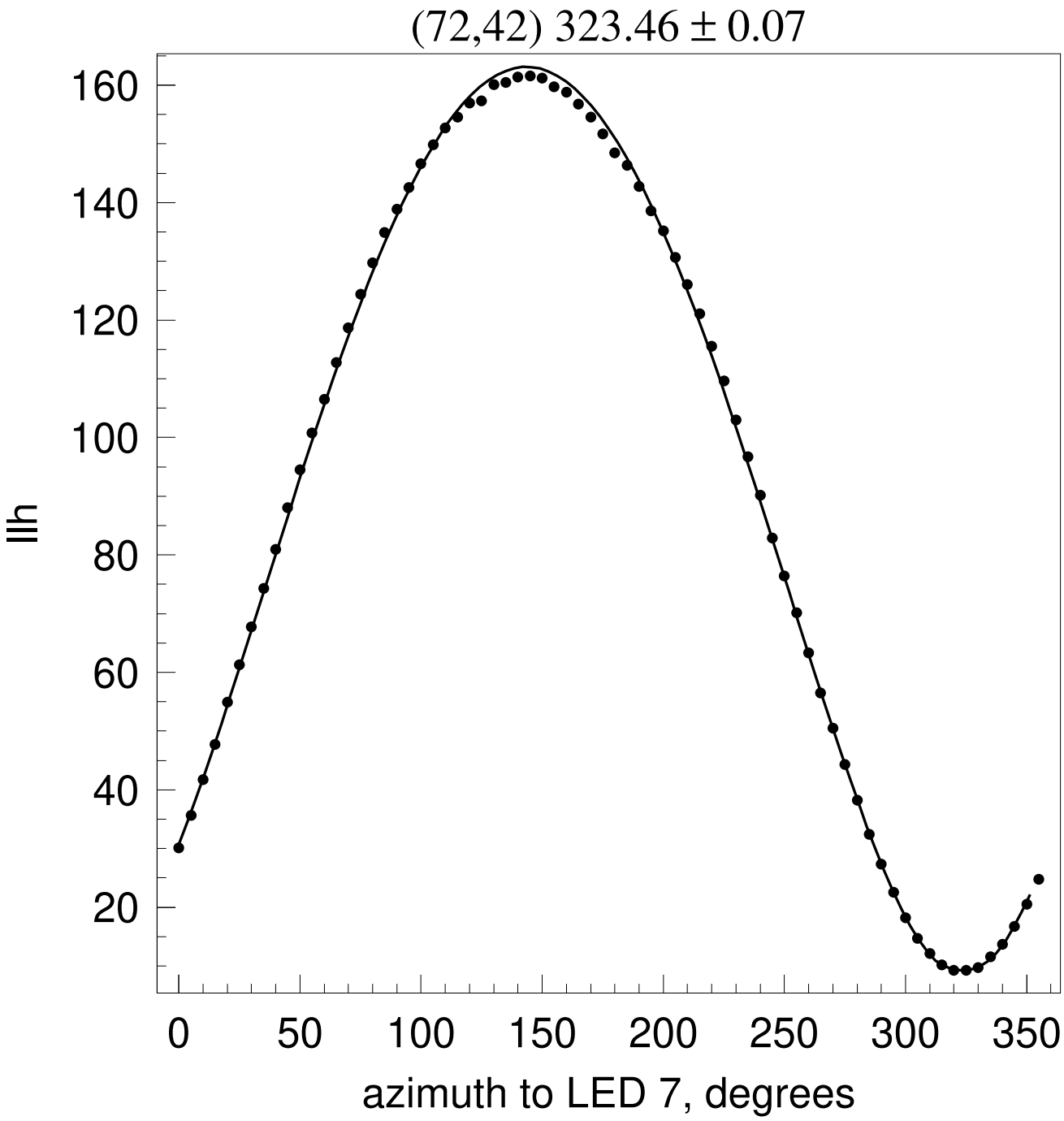

(72,37) 161.91 ± 3.25
8.2
8
7.8
7.6
7.4
7.2
7
6.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

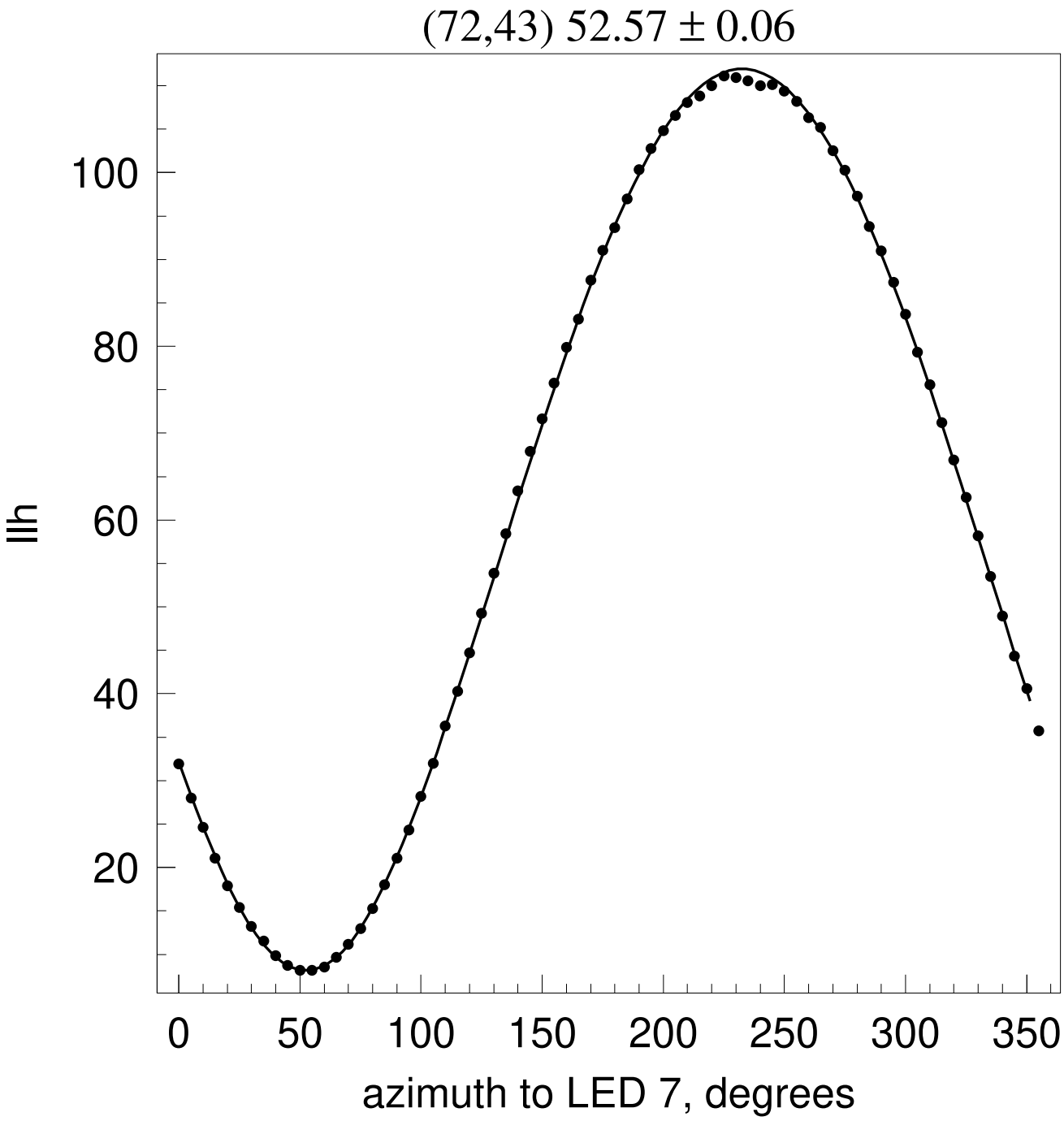

(72,38) 202.95 ± 0.28
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

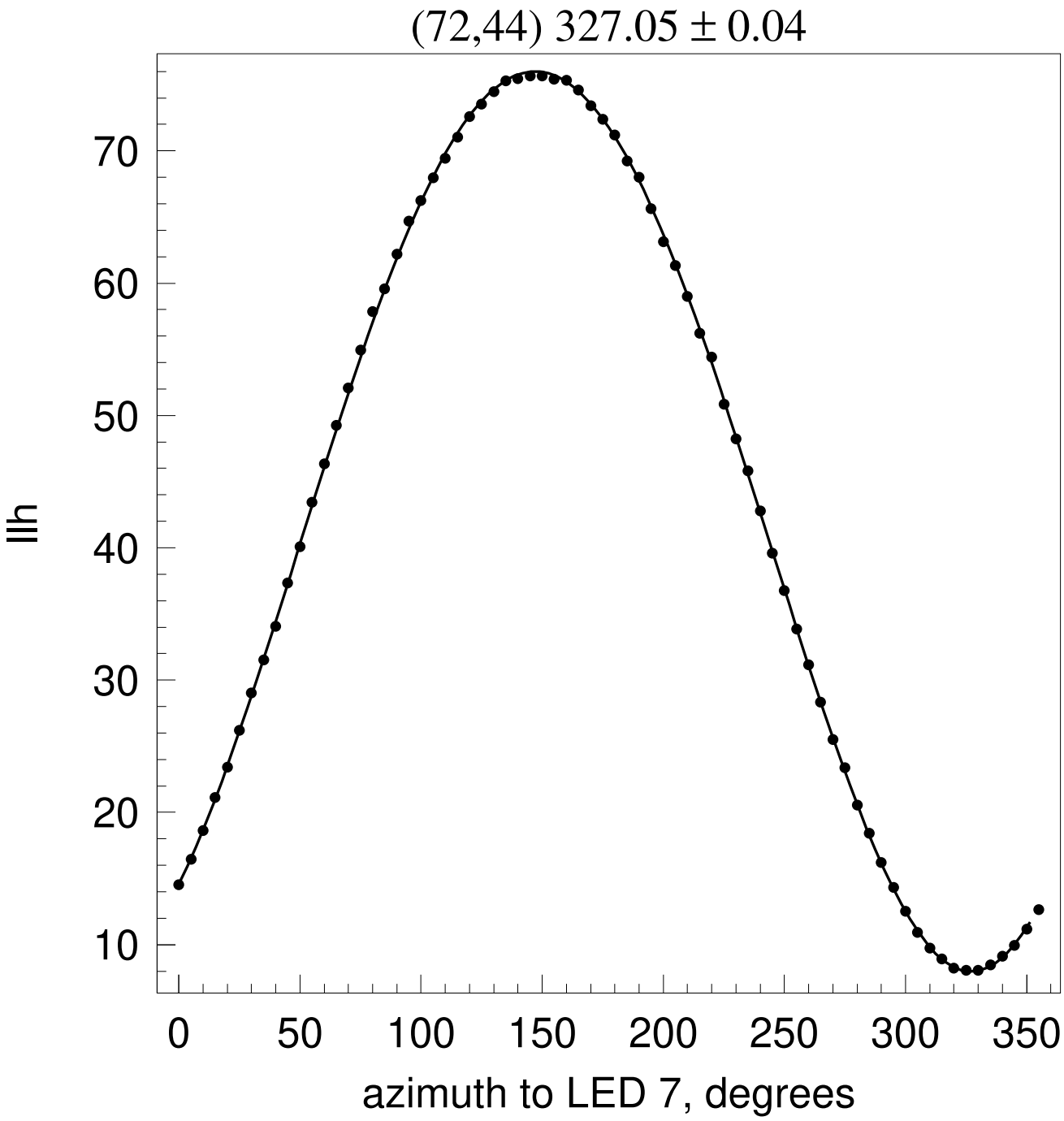

(72,39) 215.54 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

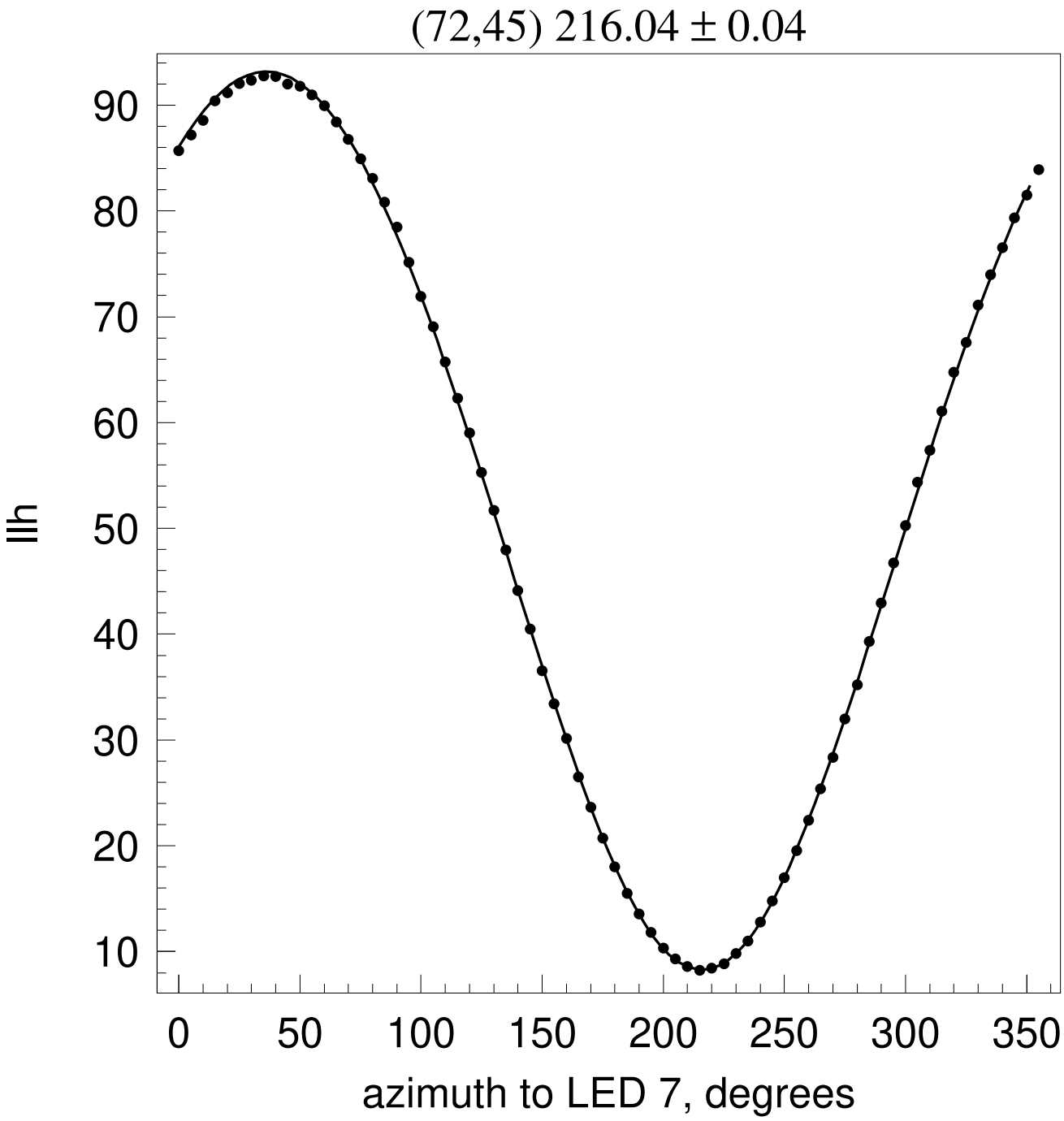

(72,40) 152.94 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

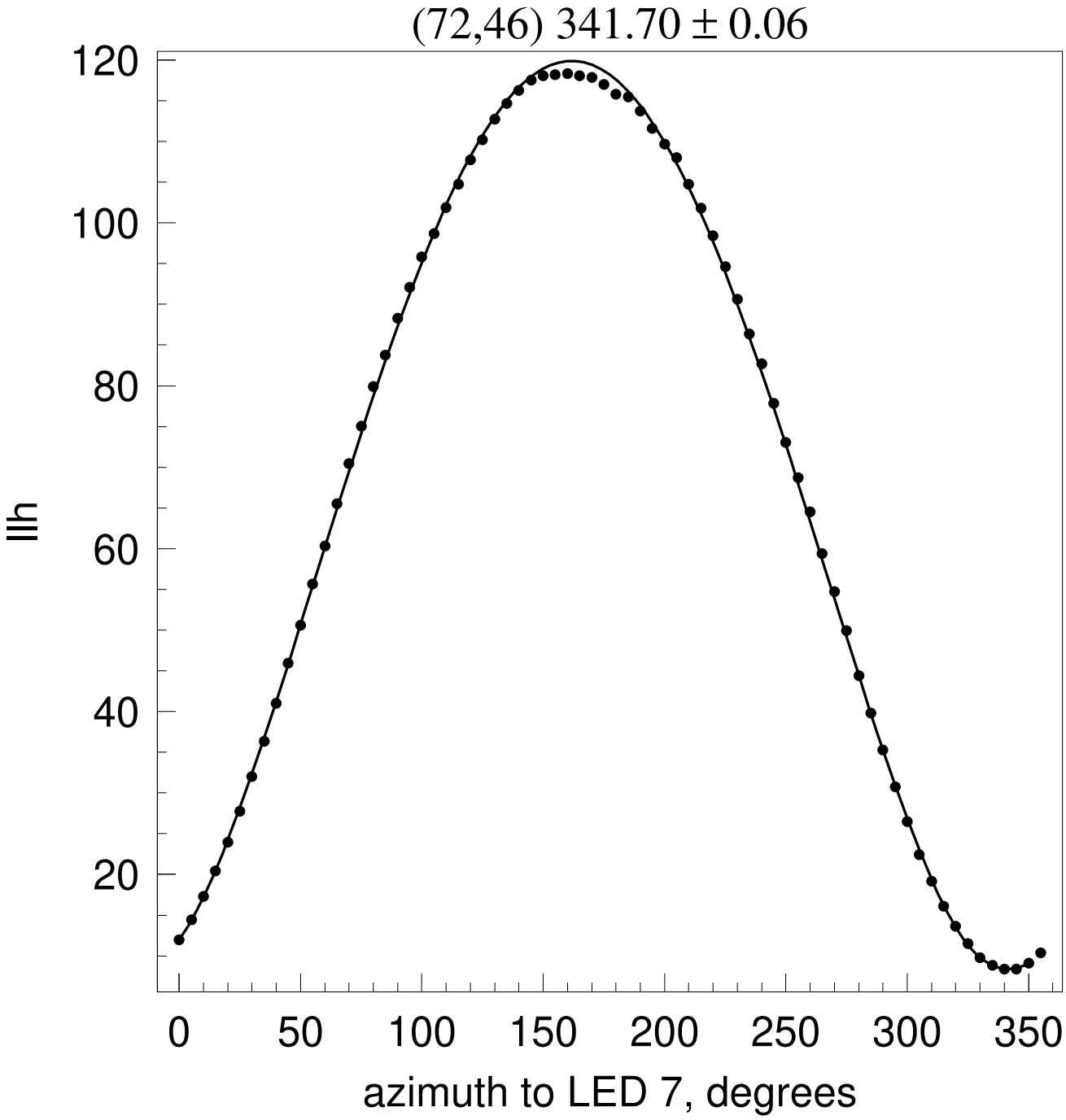

(72,41) 20.66 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

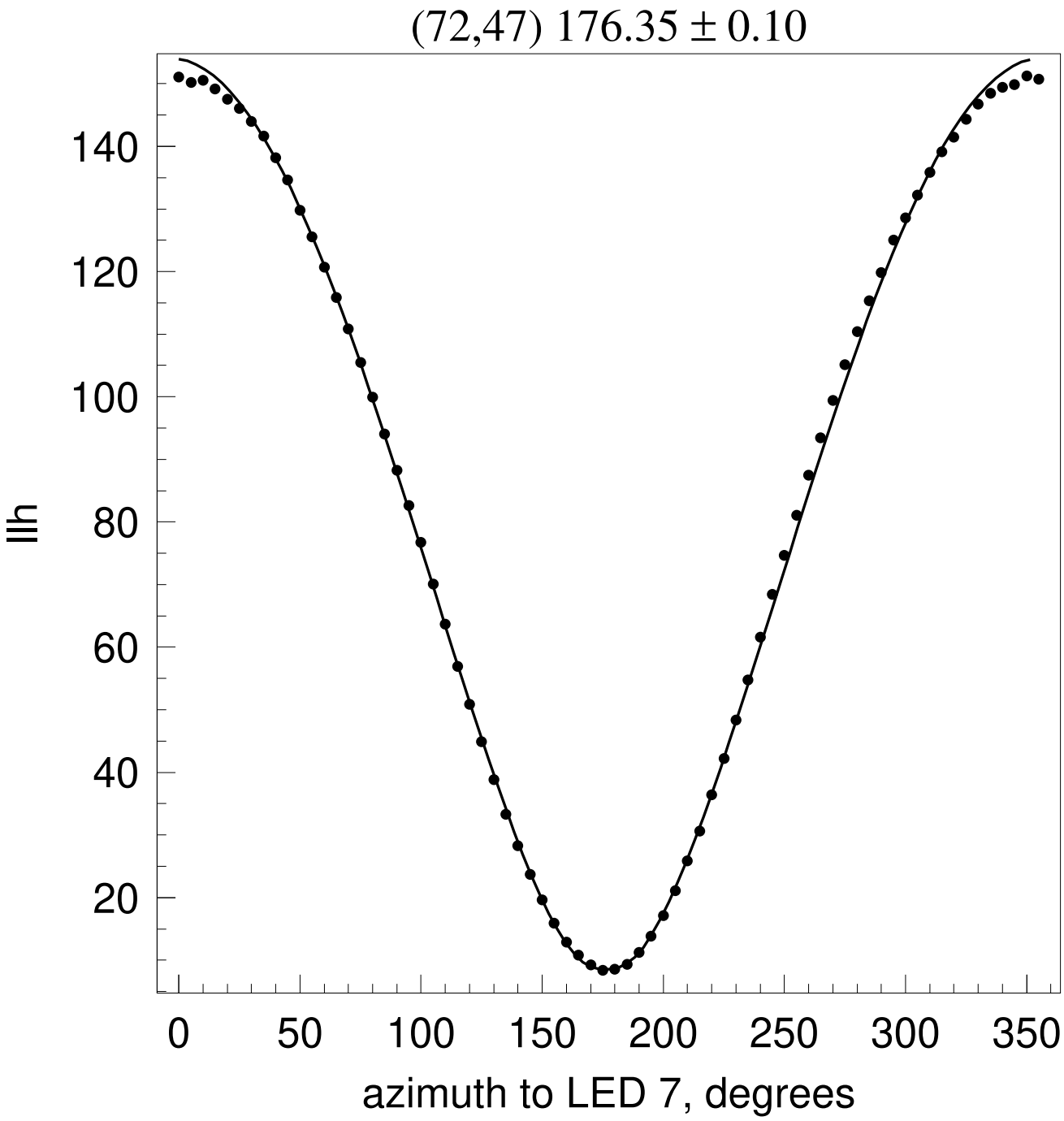

(72,42) 323.46 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

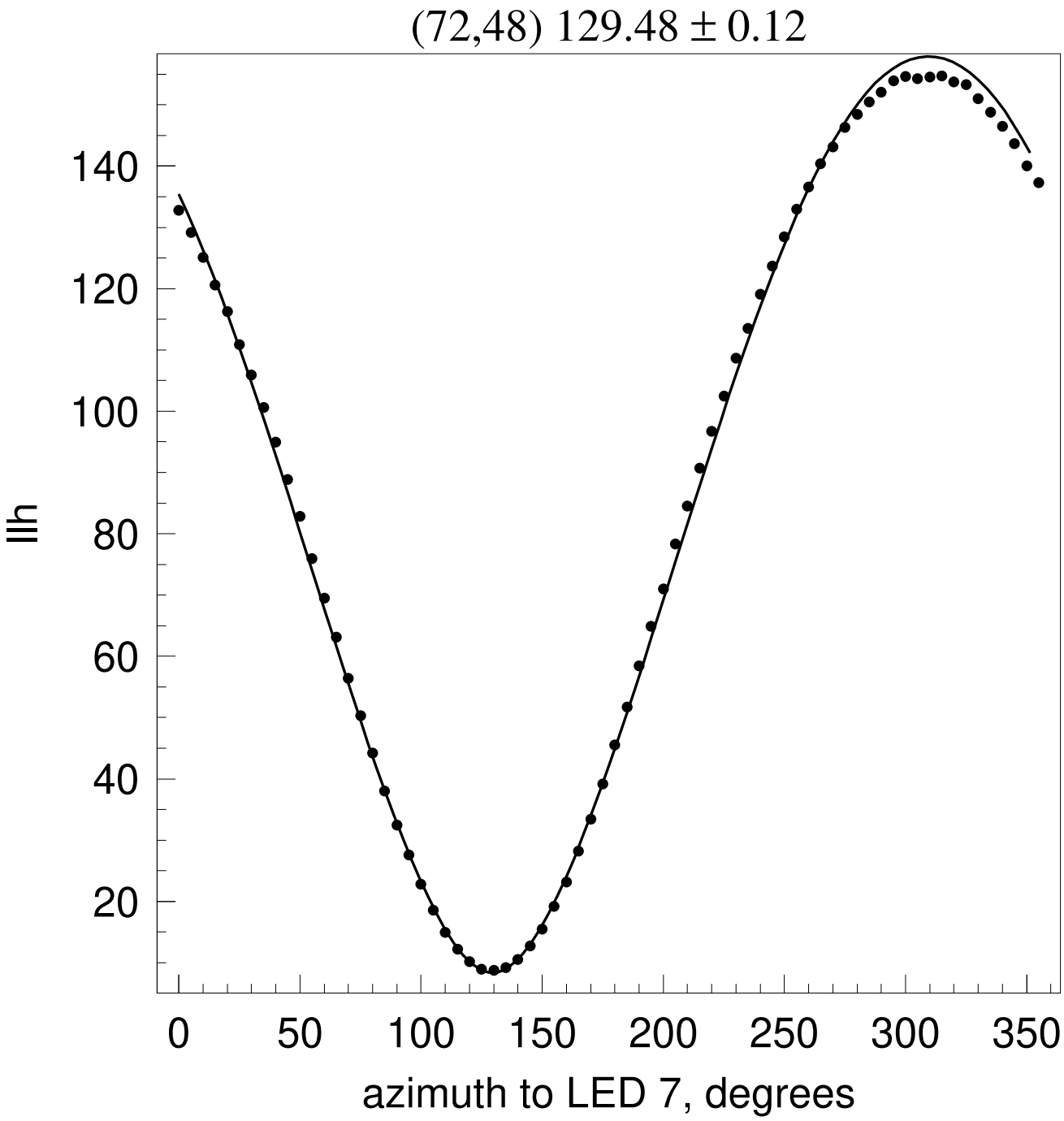

(72,43) 52.57 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

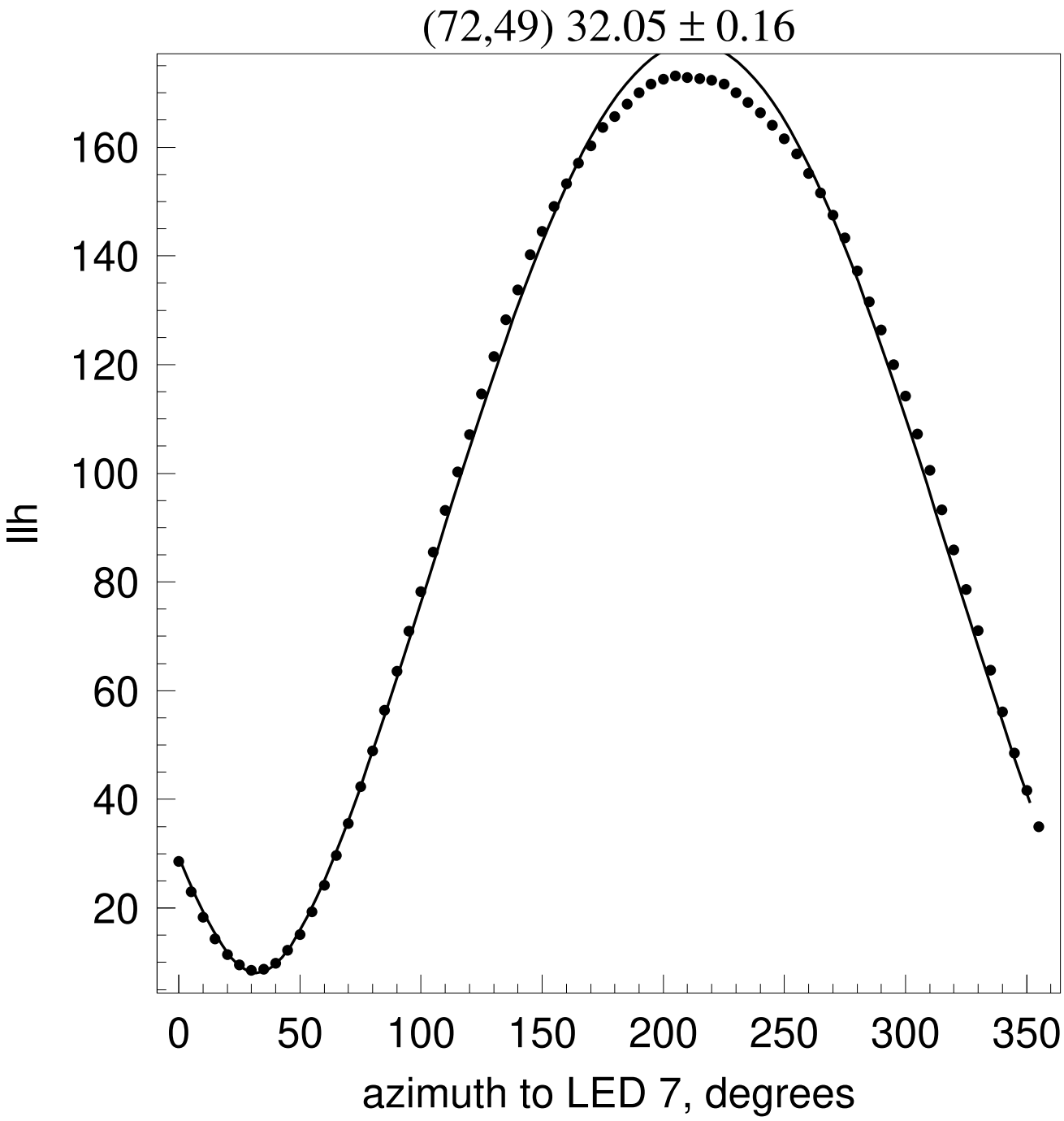

(72,44) 327.05 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

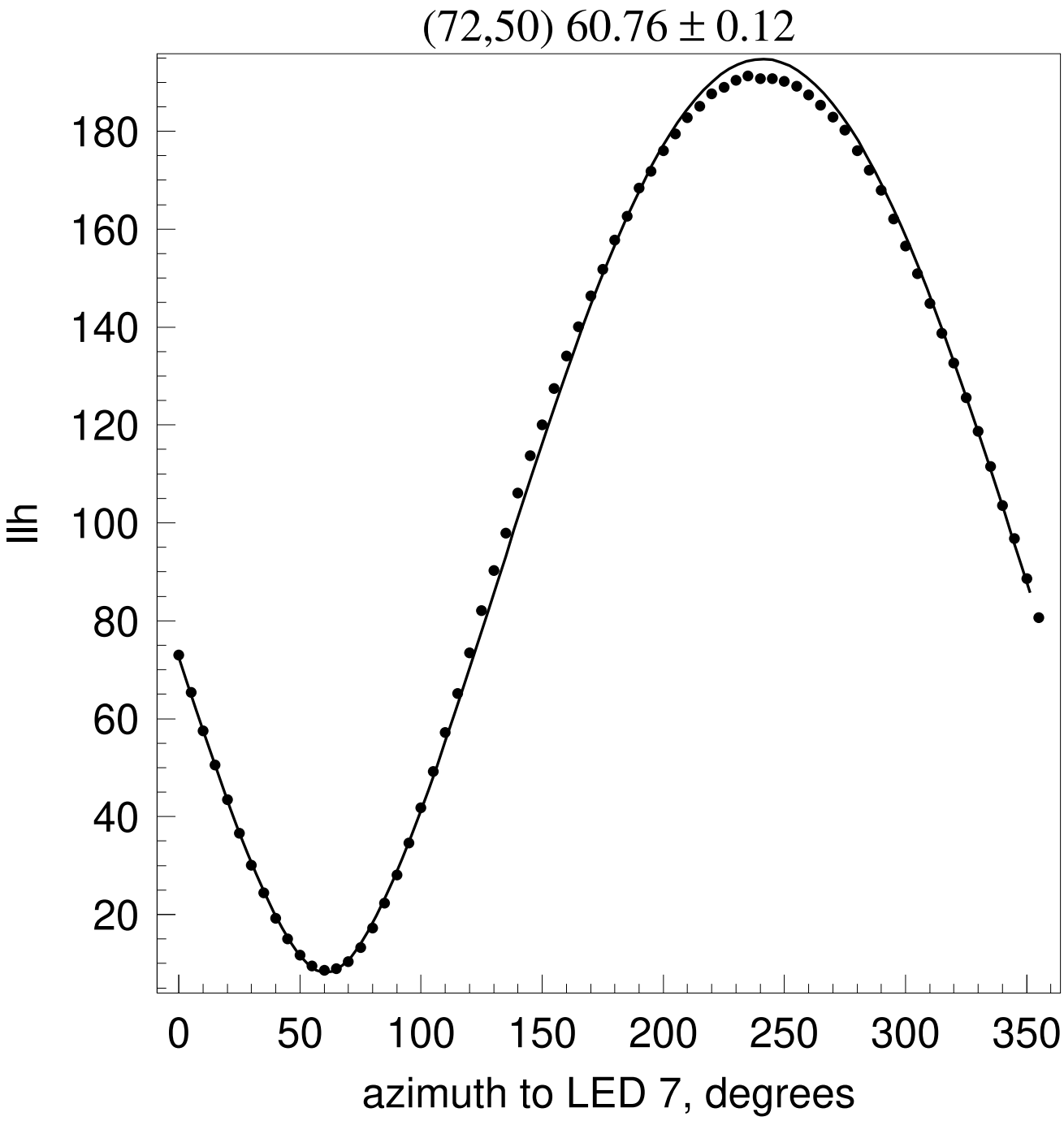

(72,45) 216.04 ± 0.04
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

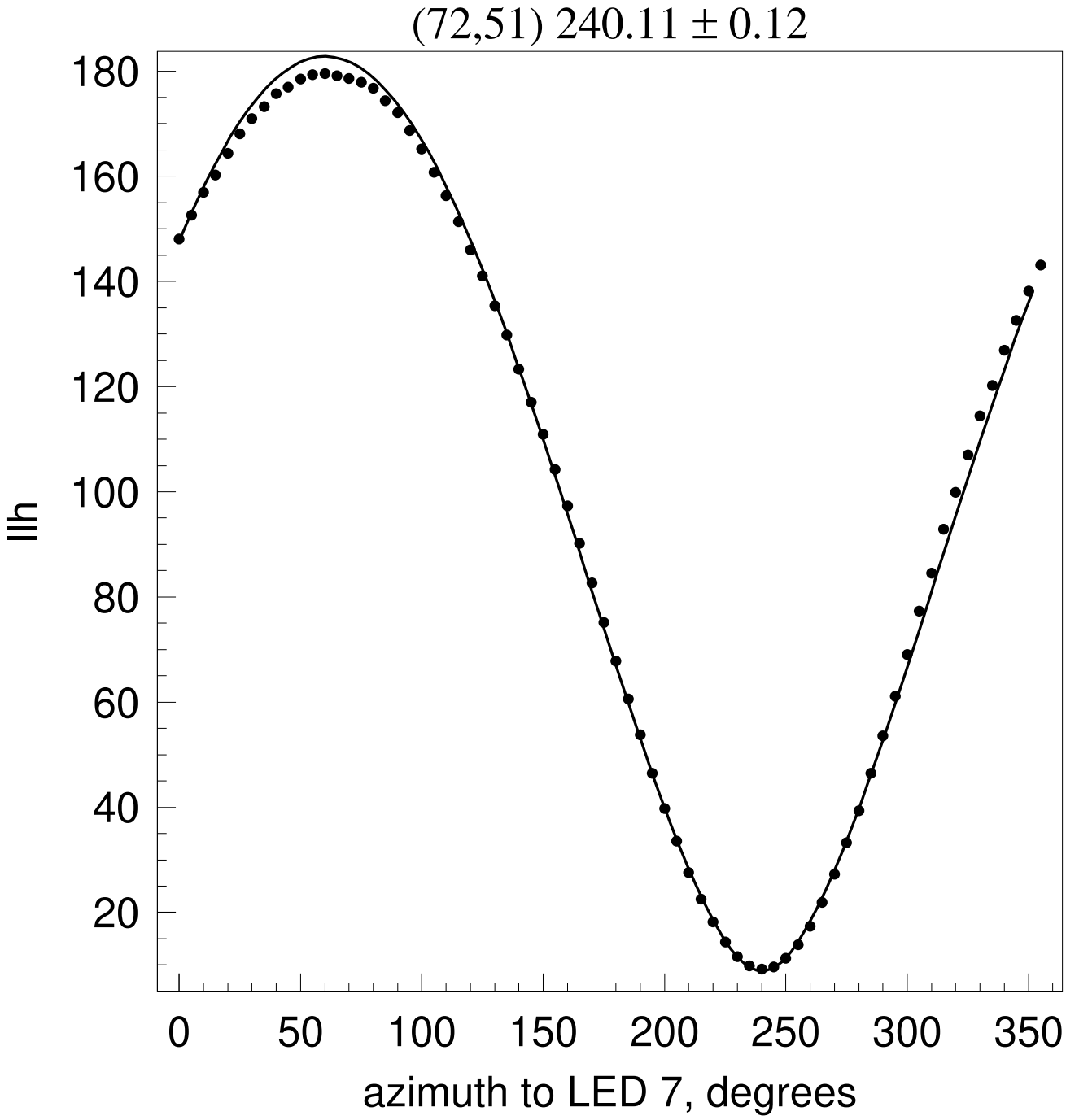

(72,46) 341.70 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

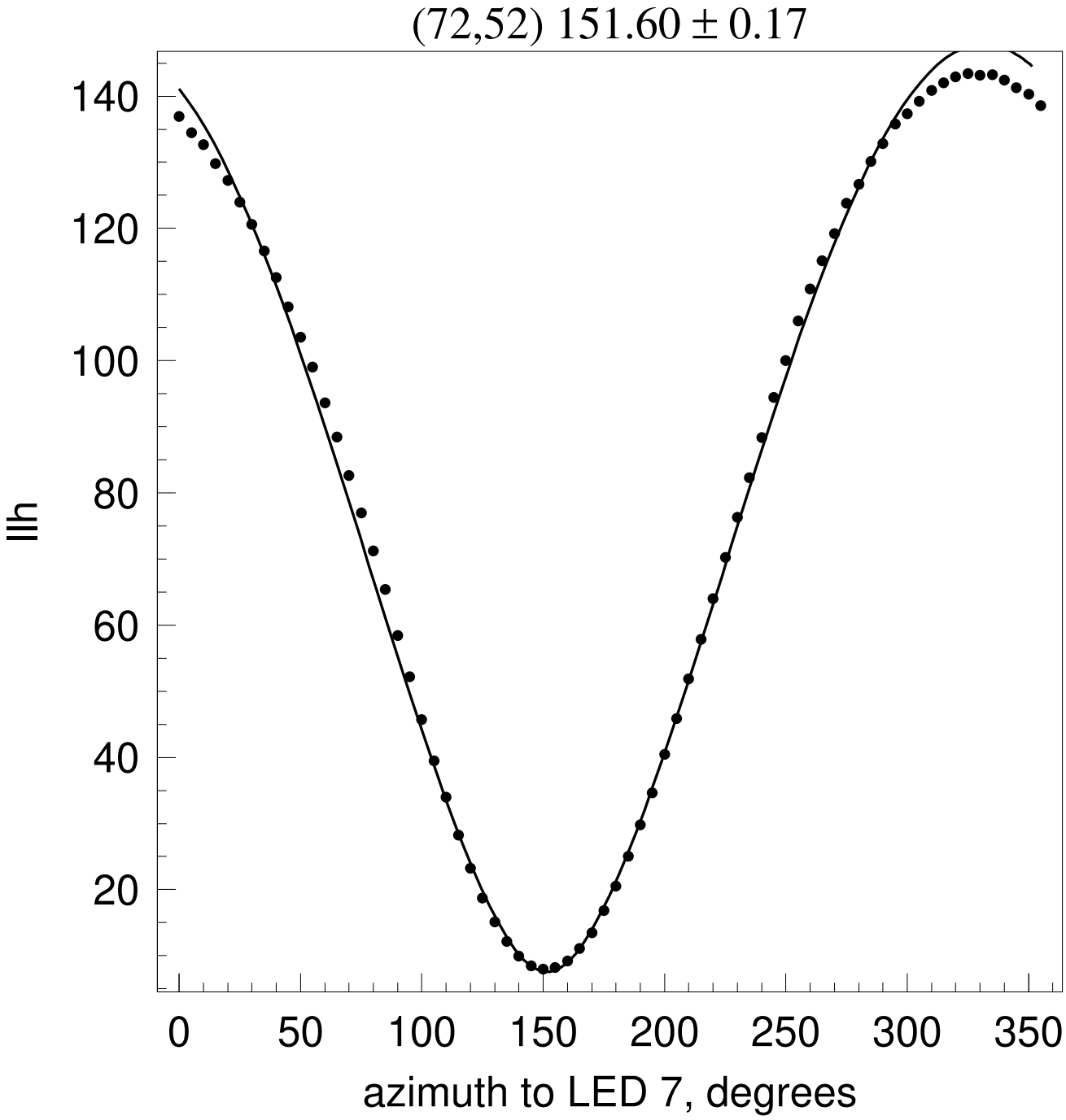

(72,47) 176.35 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

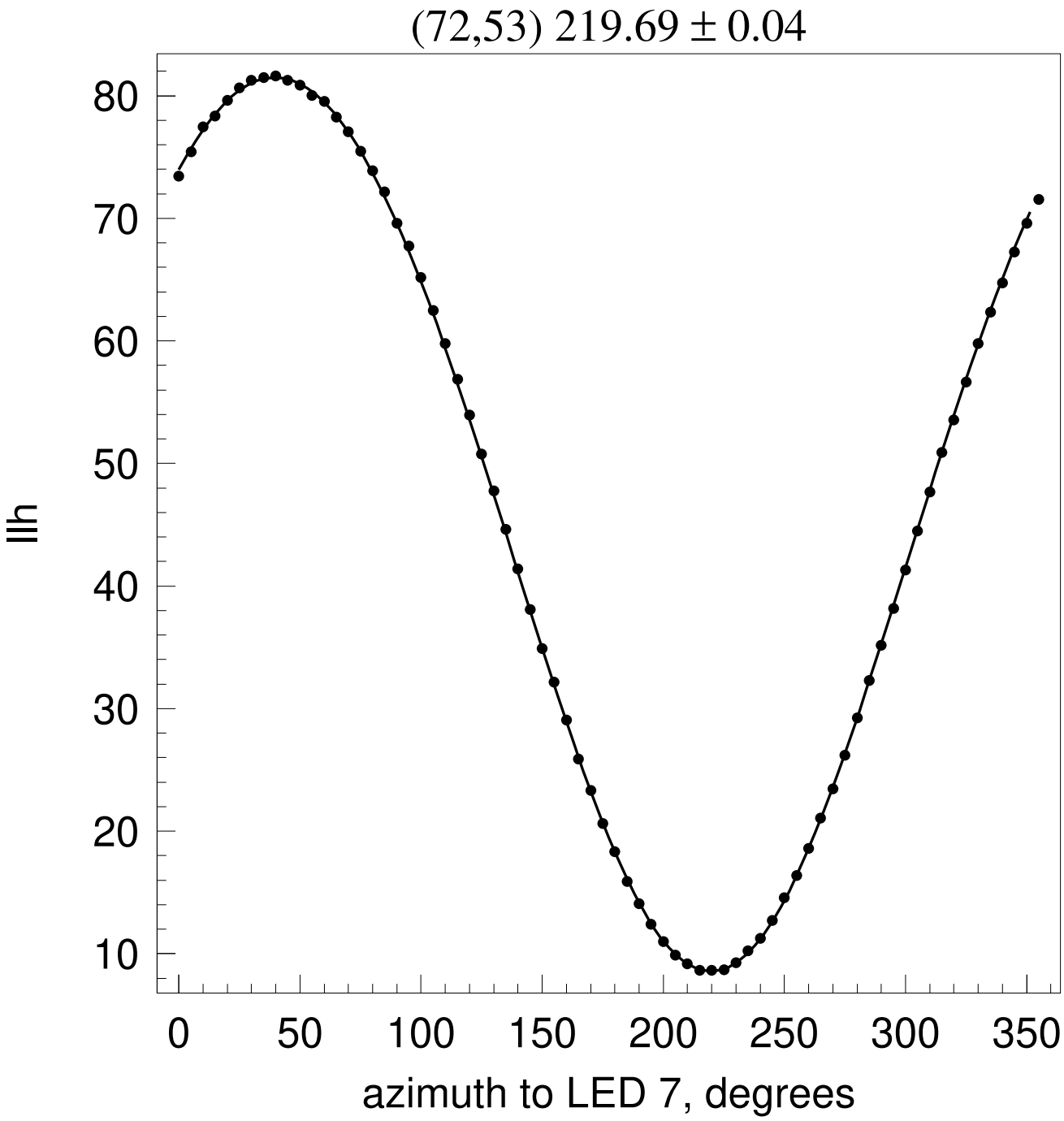

(72,48) 129.48 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

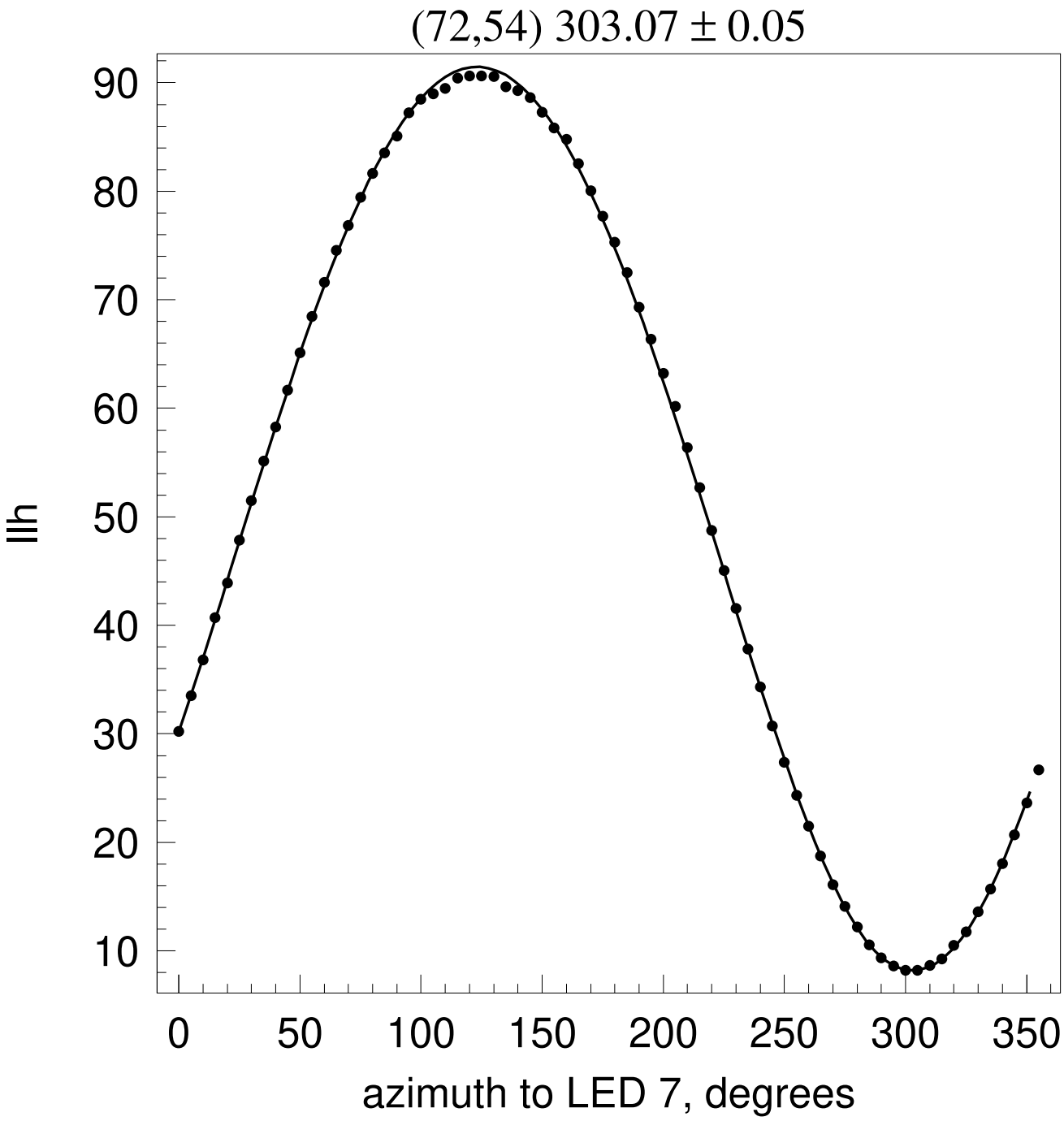

(72,49) 32.05 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

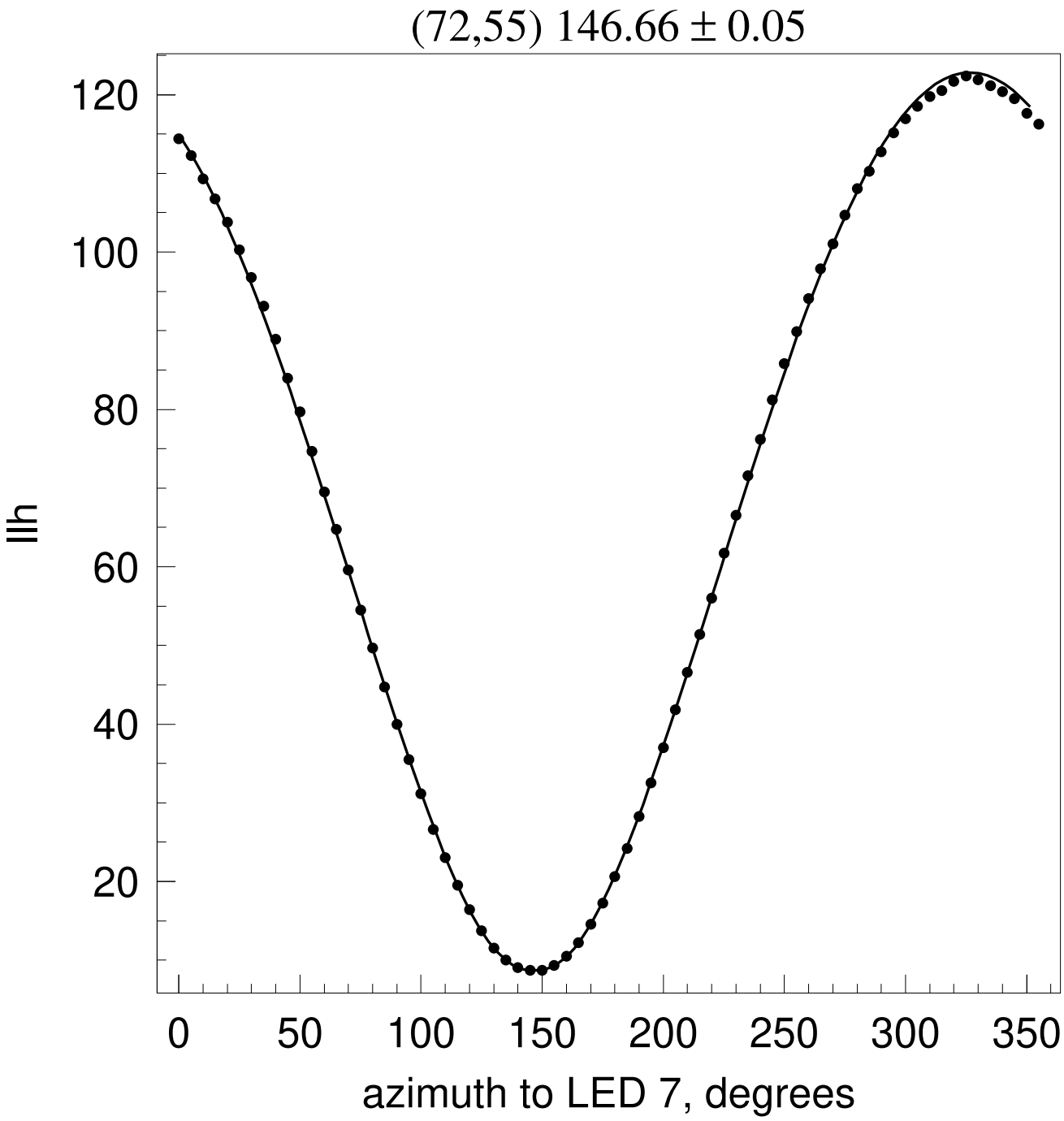

(72,50) 60.76 ± 0.12
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

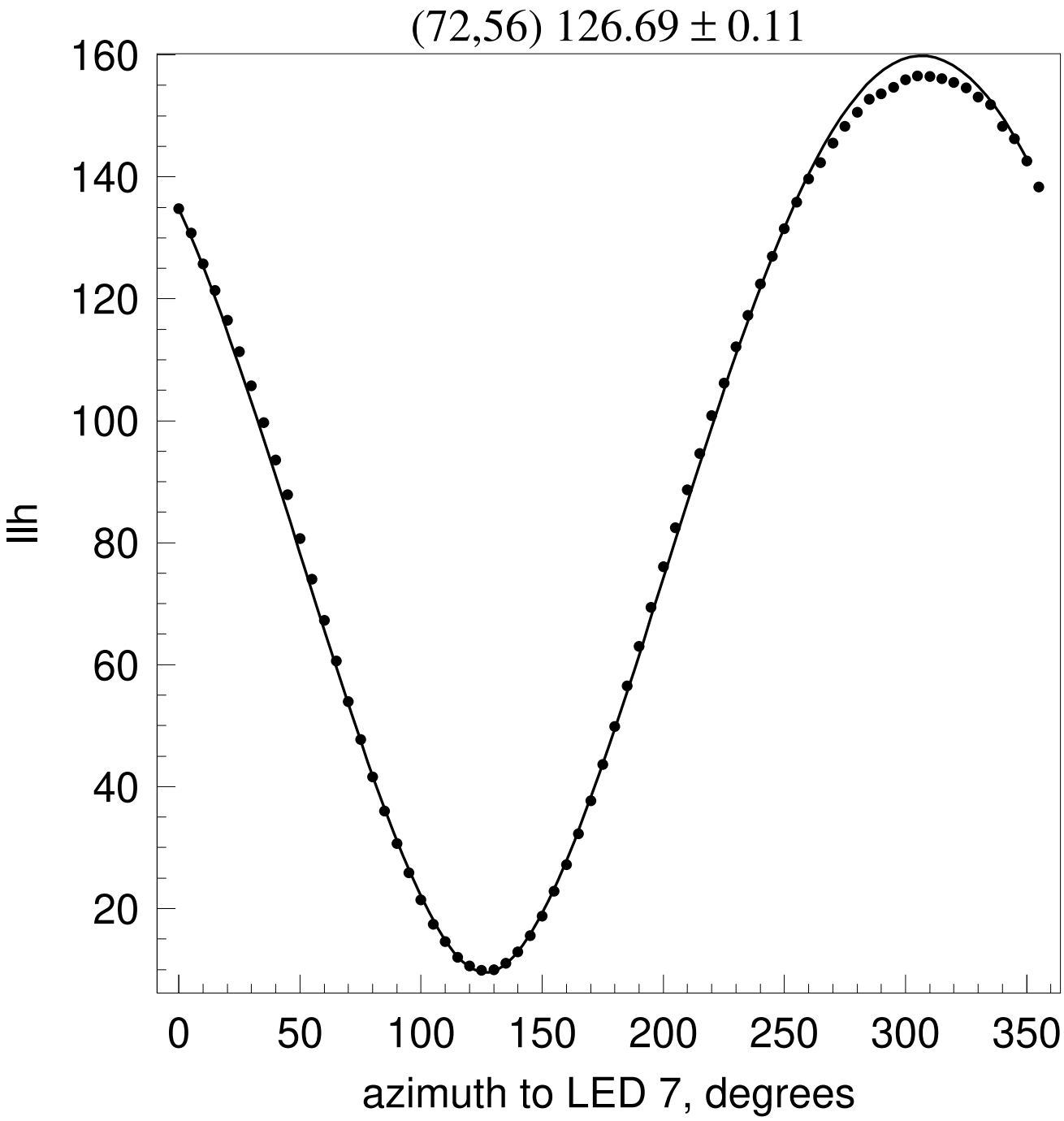

(72,51) 240.11 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

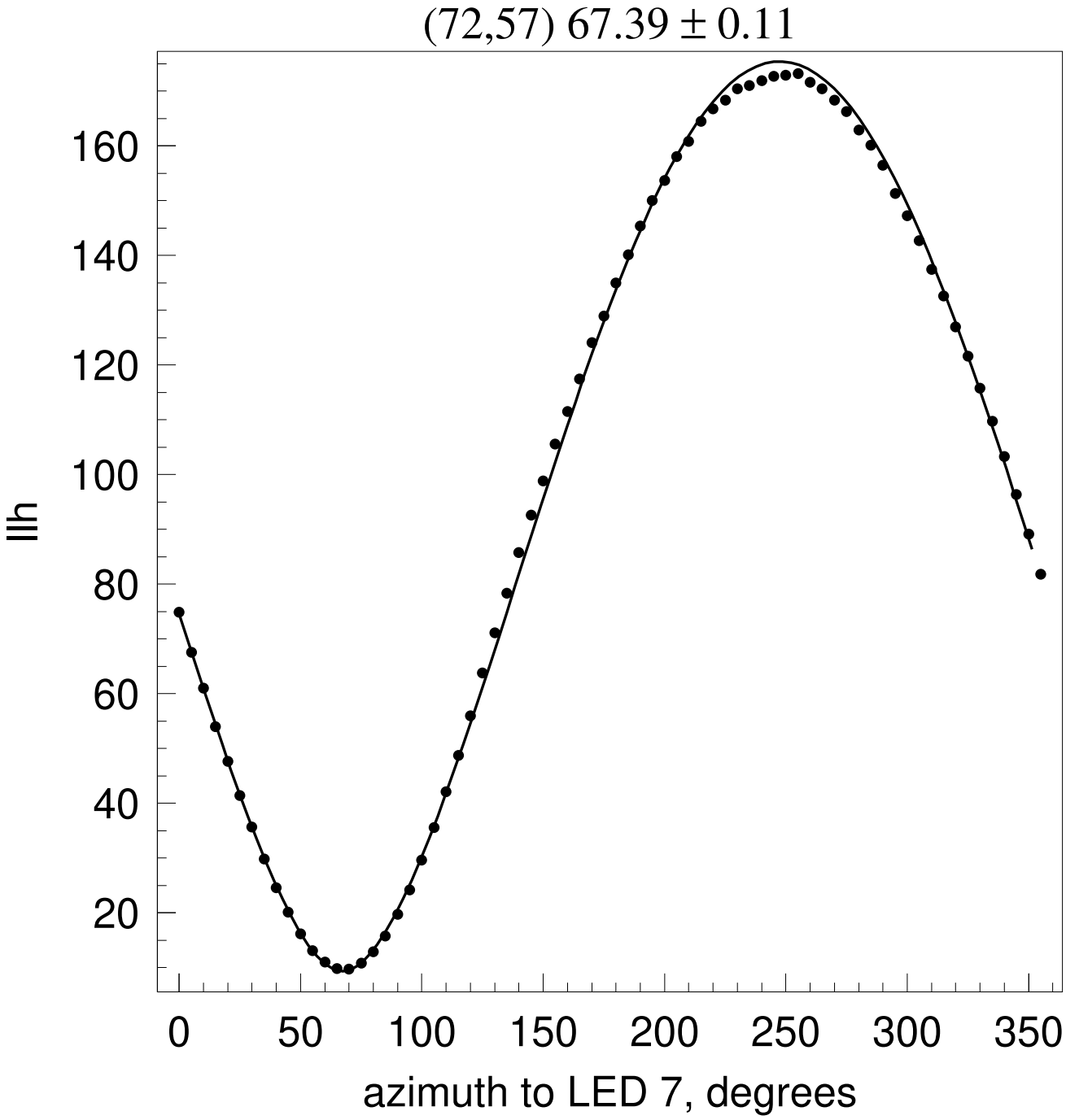

(72,52) 151.60 ± 0.17
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

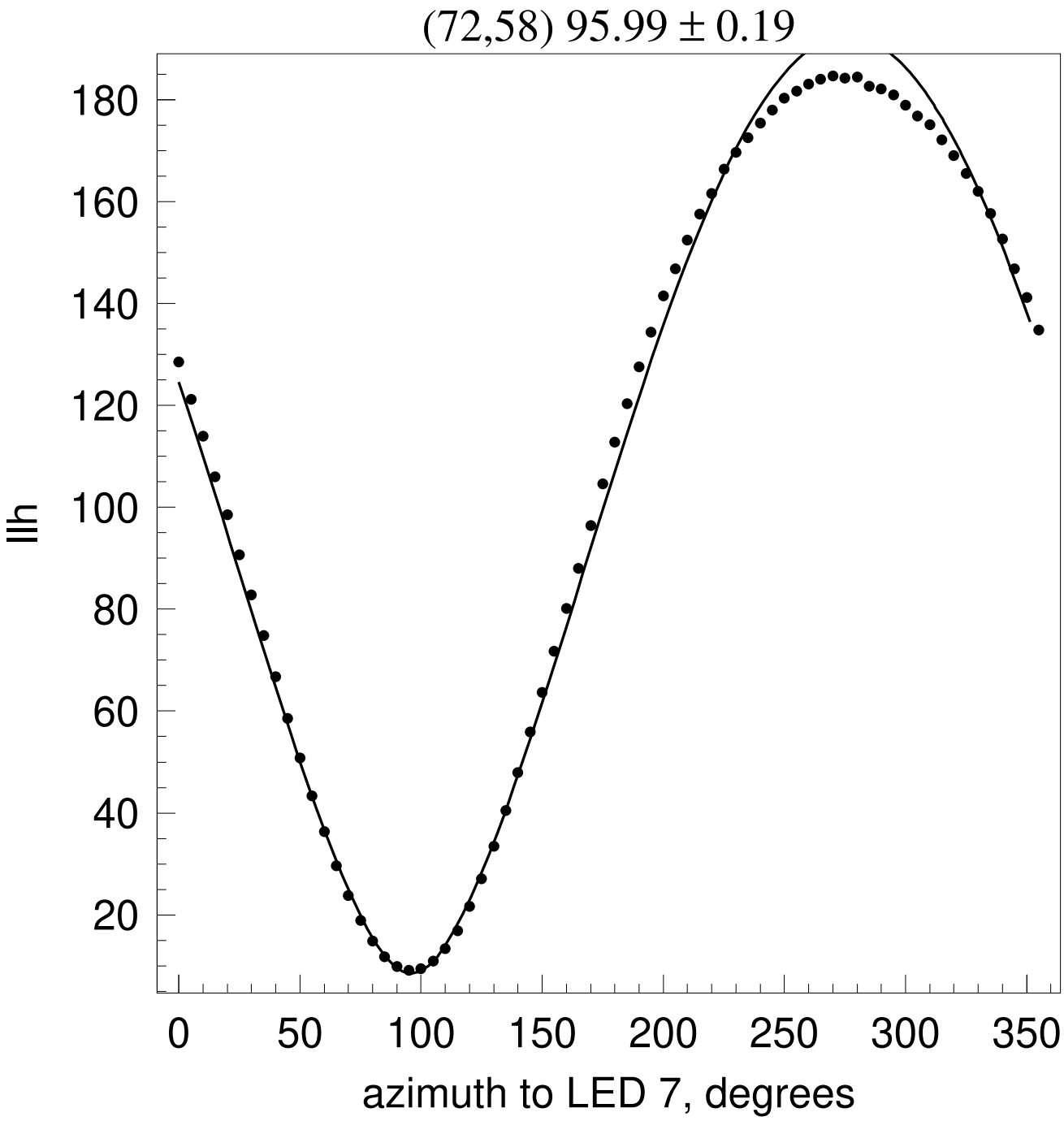

(72,53) 219.69 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

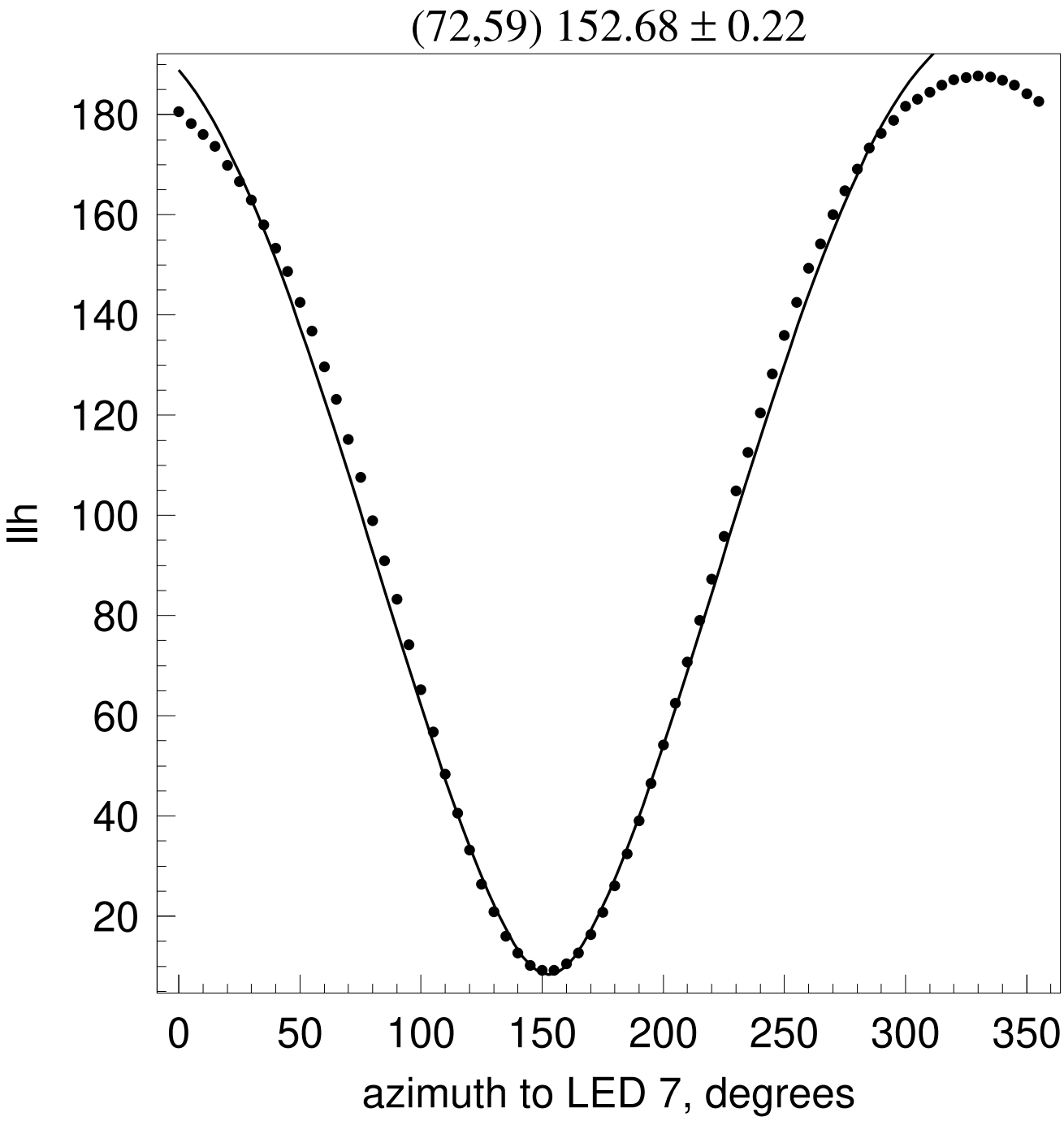

(72,54) 303.07 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

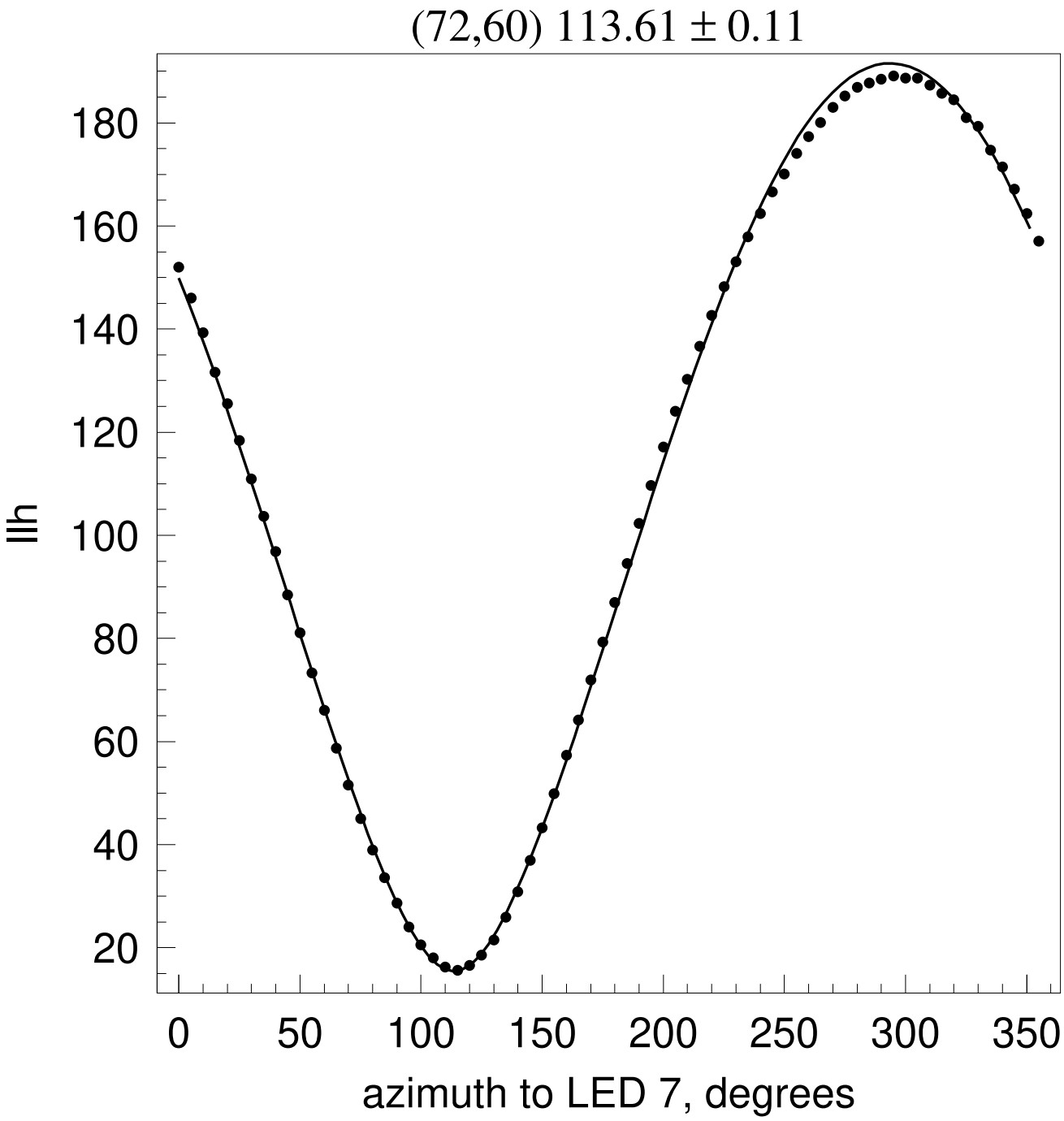

(72,55) 146.66 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

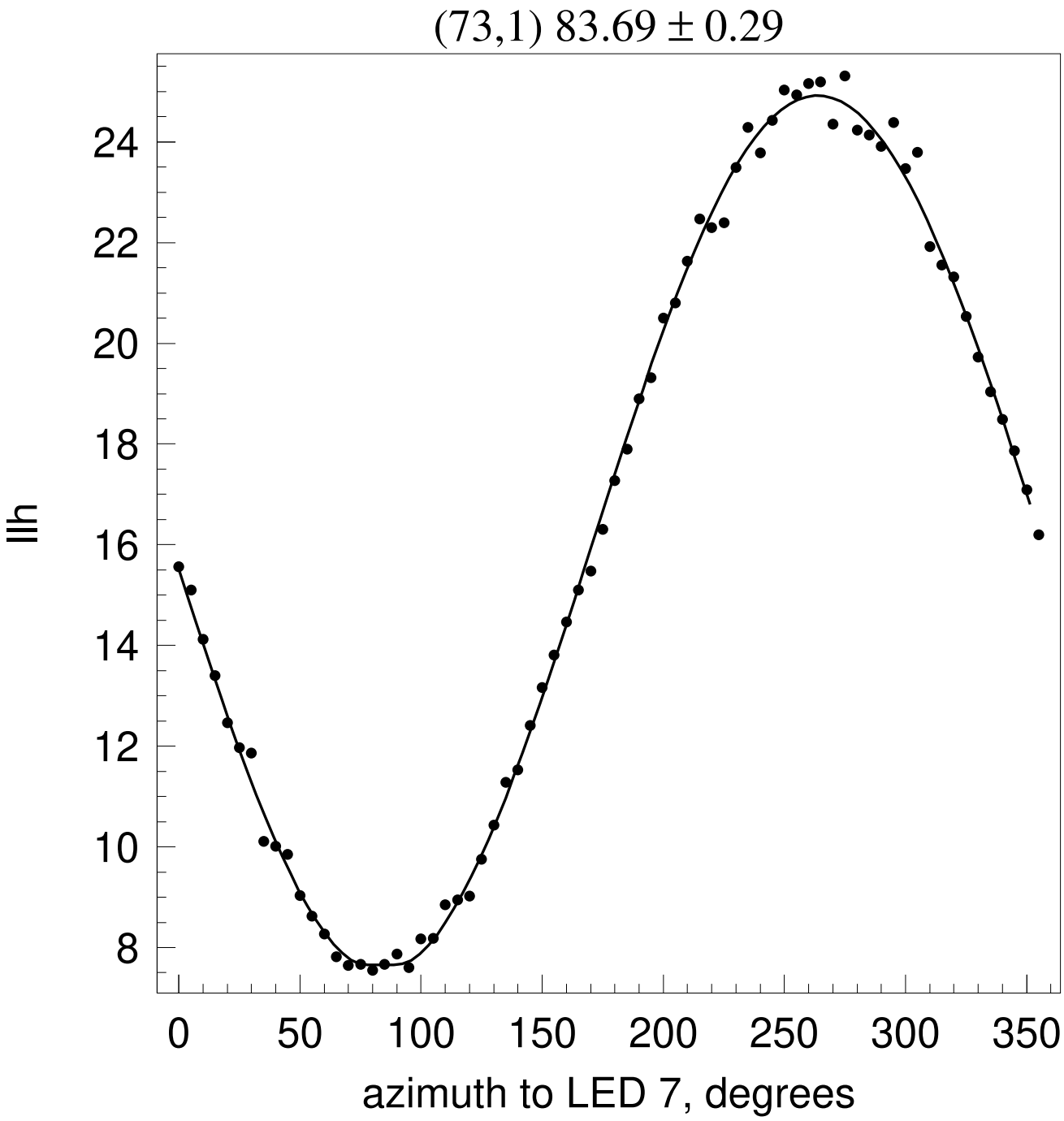

(72,56) 126.69 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

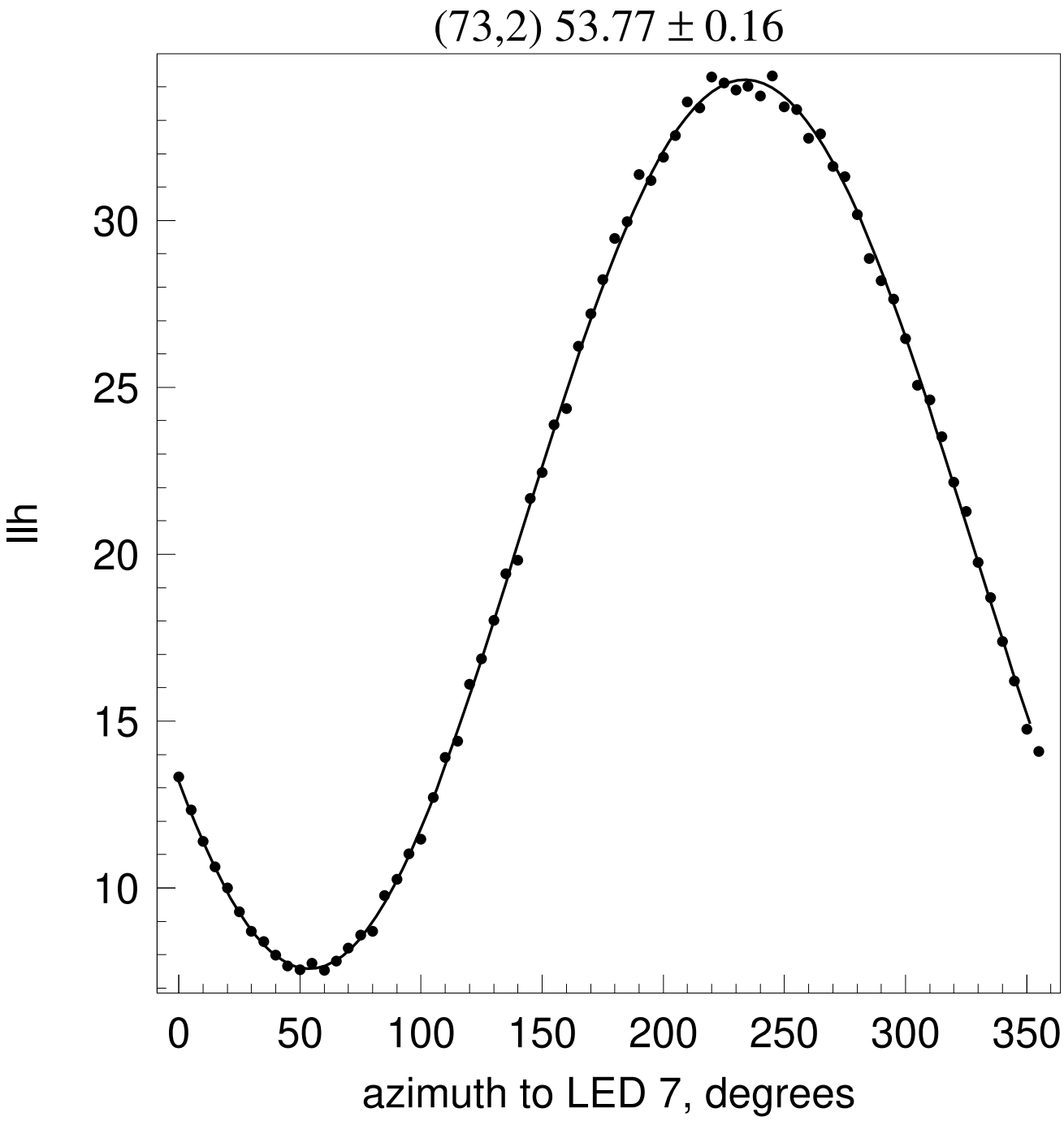

(72,57) 67.39 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

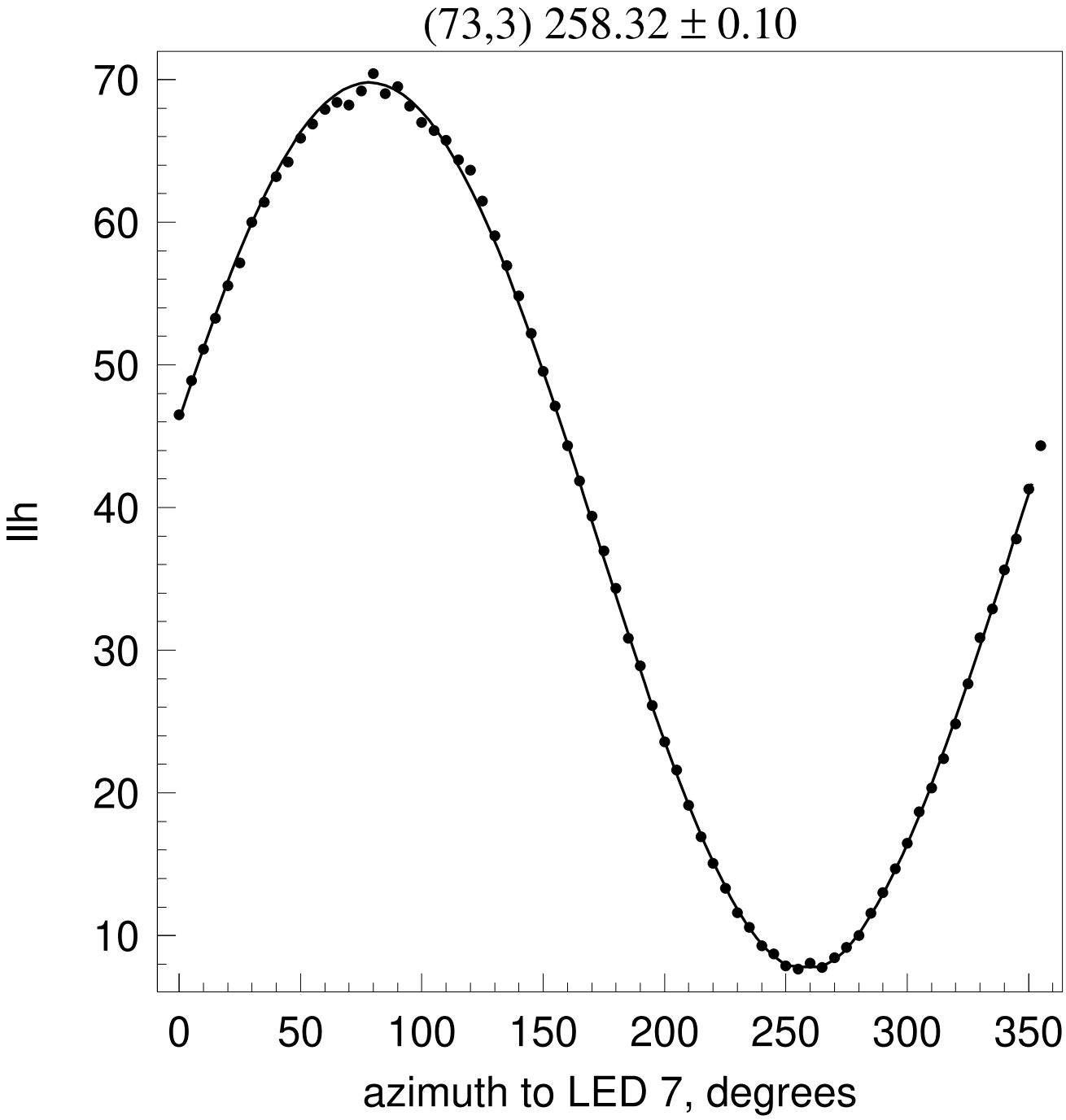

(72,58) 95.99 ± 0.19
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

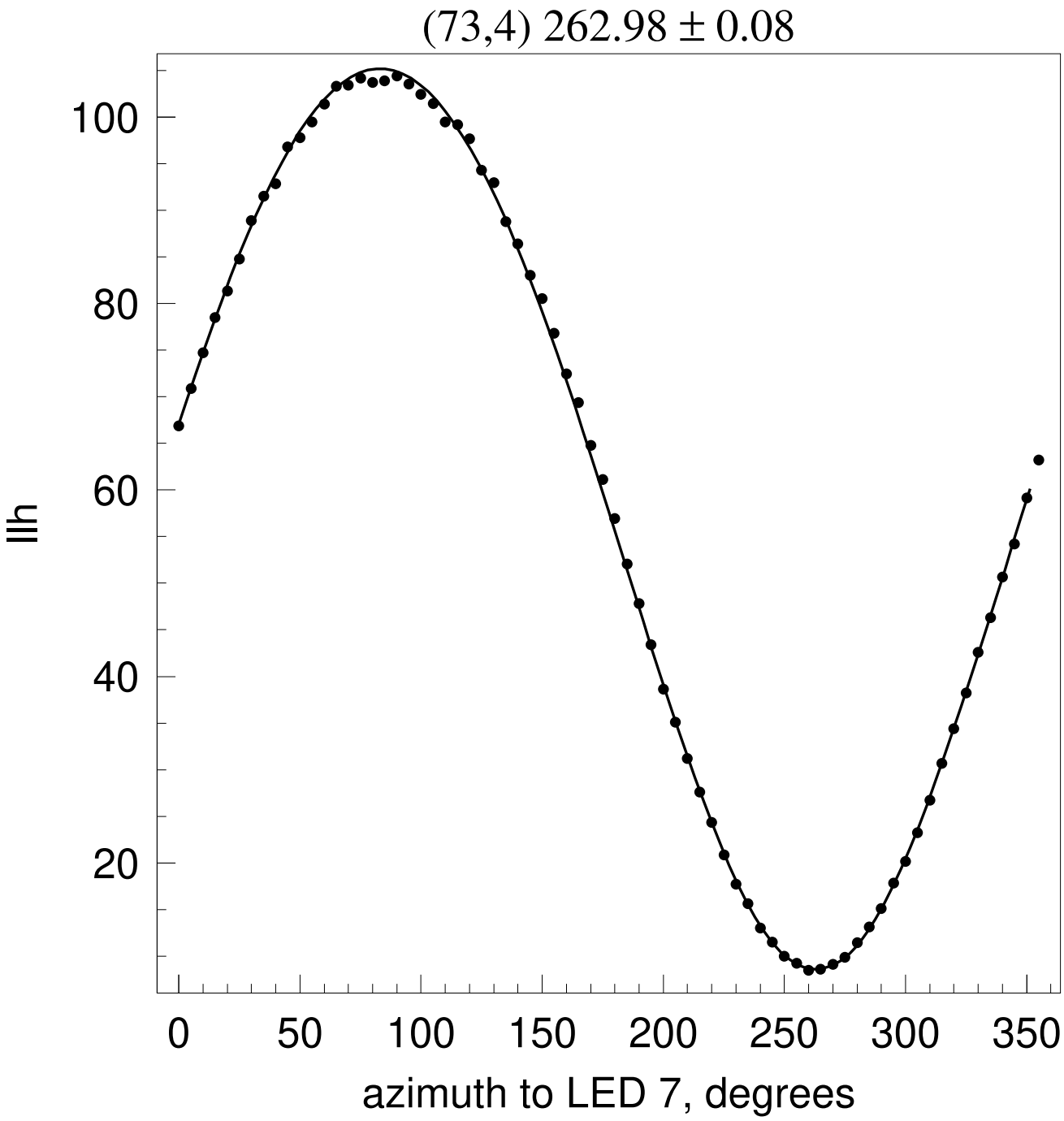

(72,59) 152.68 ± 0.22
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

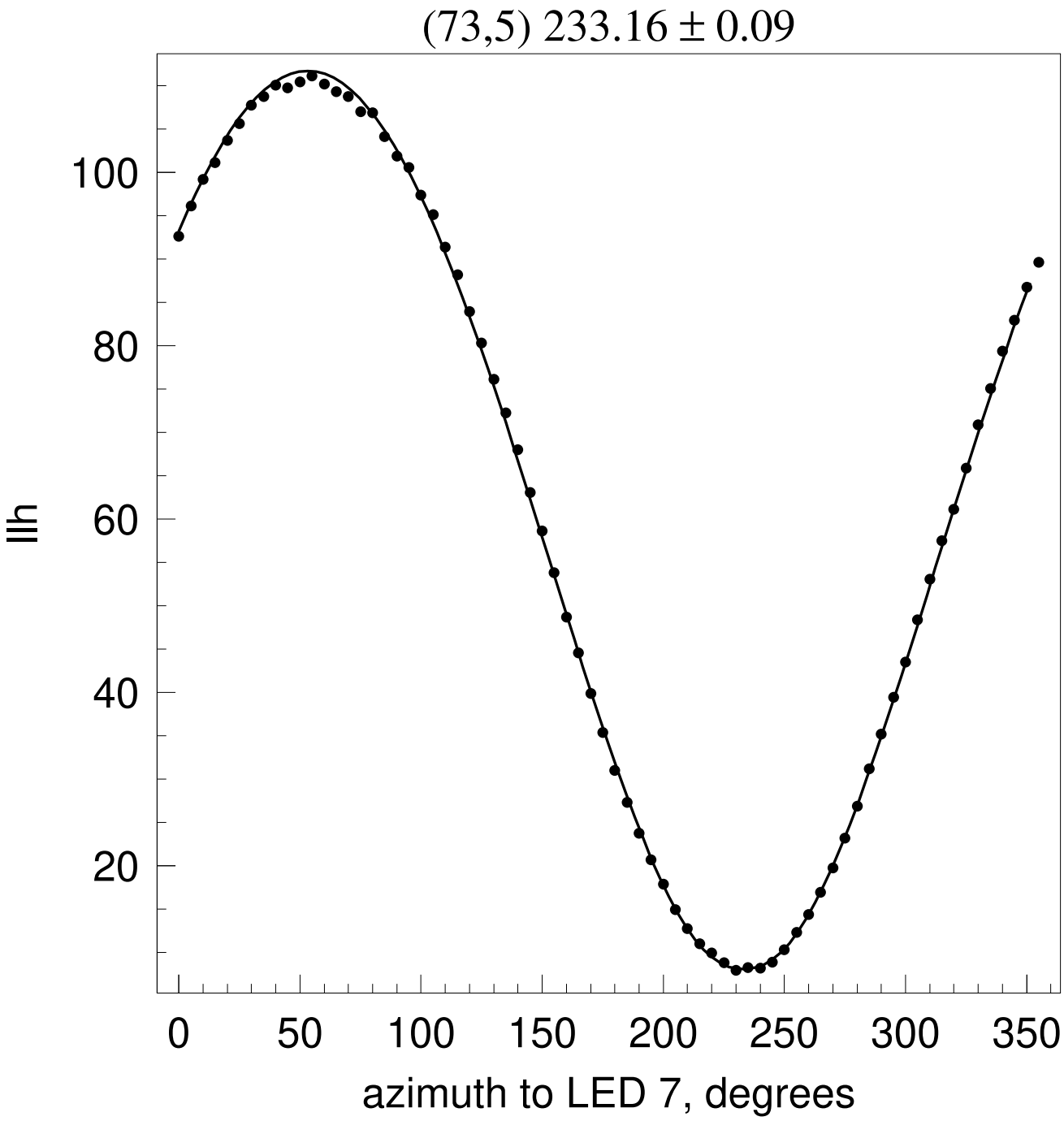

(72,60) 113.61 ± 0.11
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

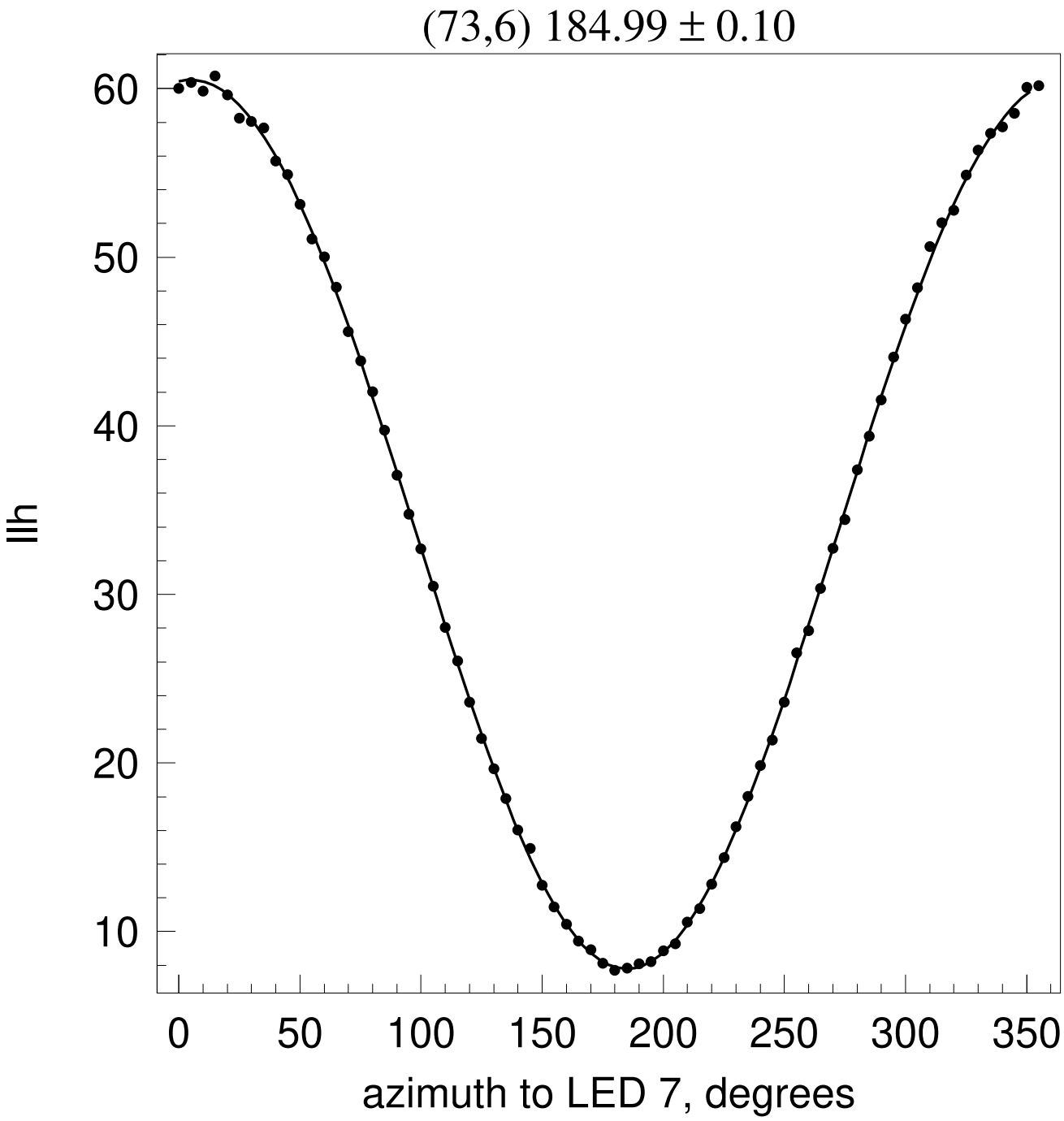

(73,1) 83.69 ± 0.29
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

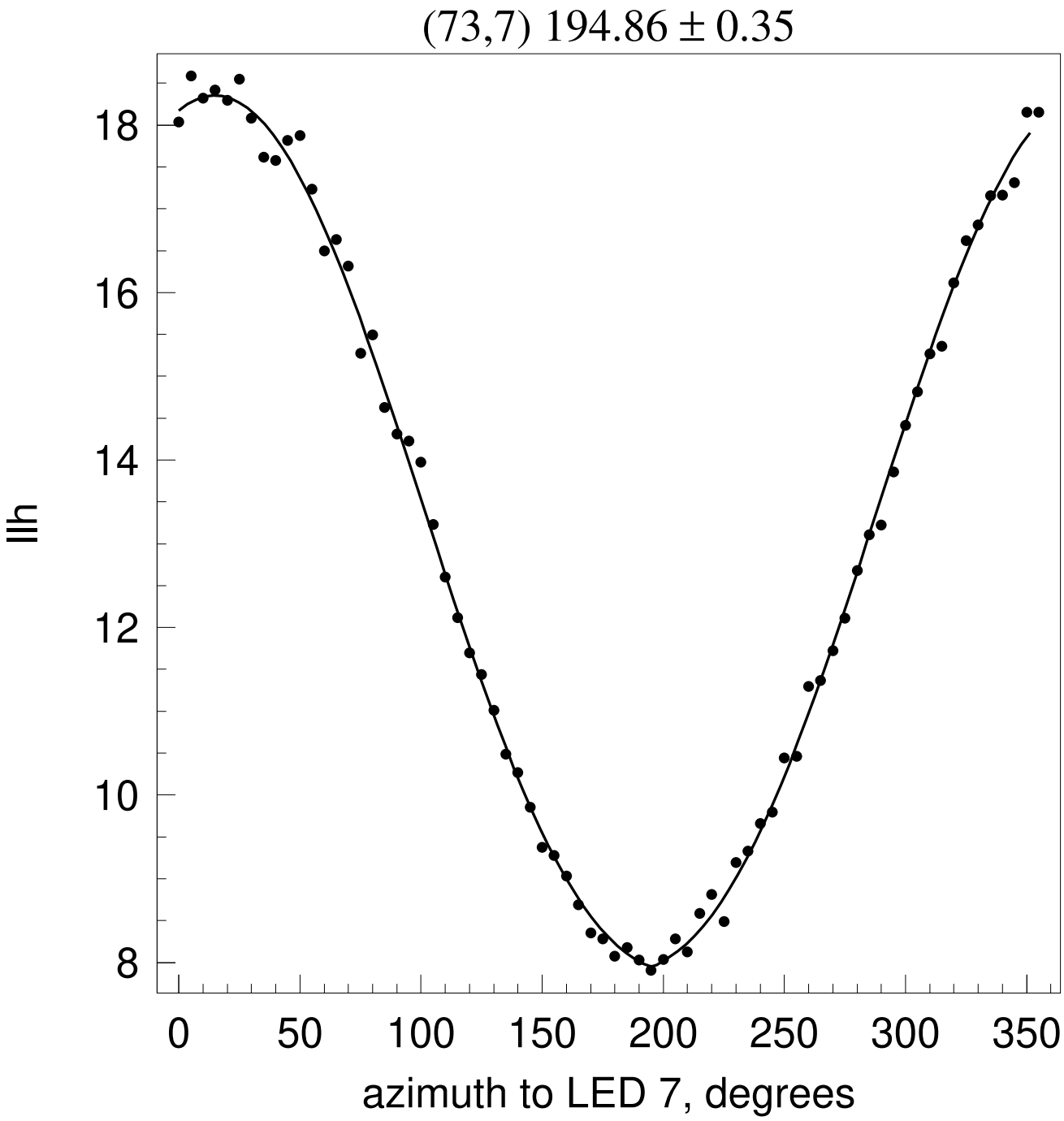

(73,2) 53.77 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

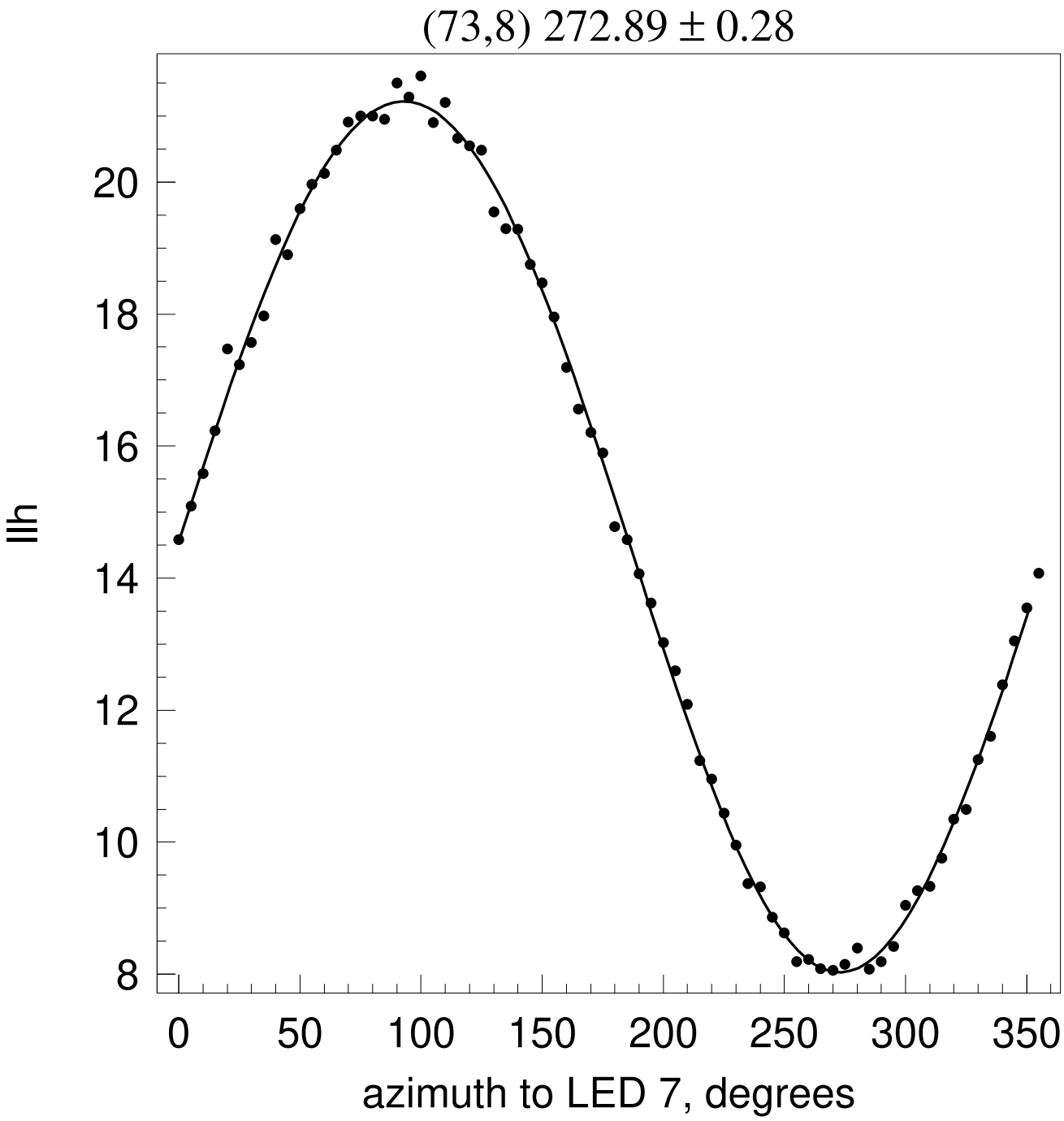

(73,3) 258.32 ± 0.10
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

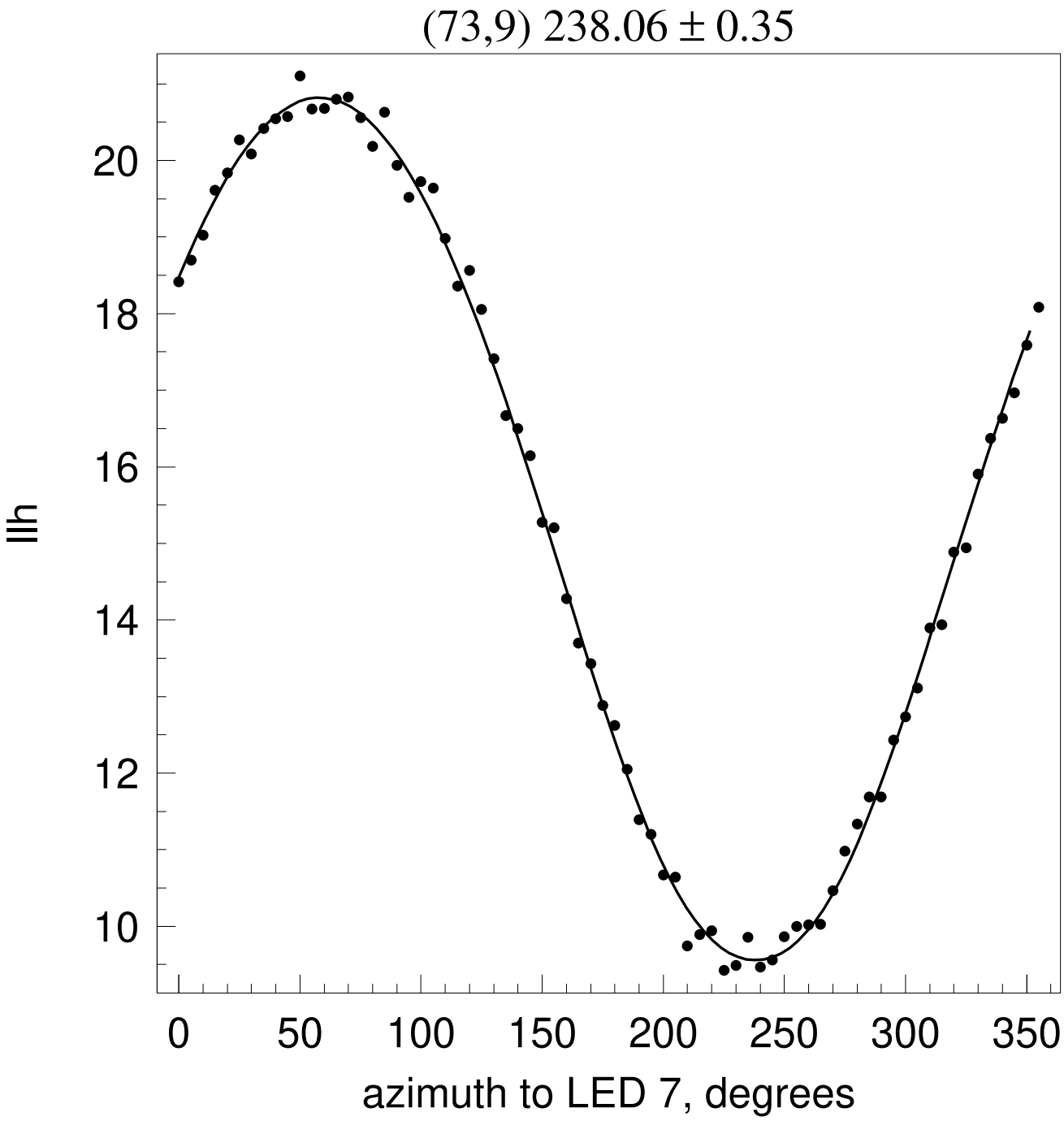

(73,4) 262.98 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

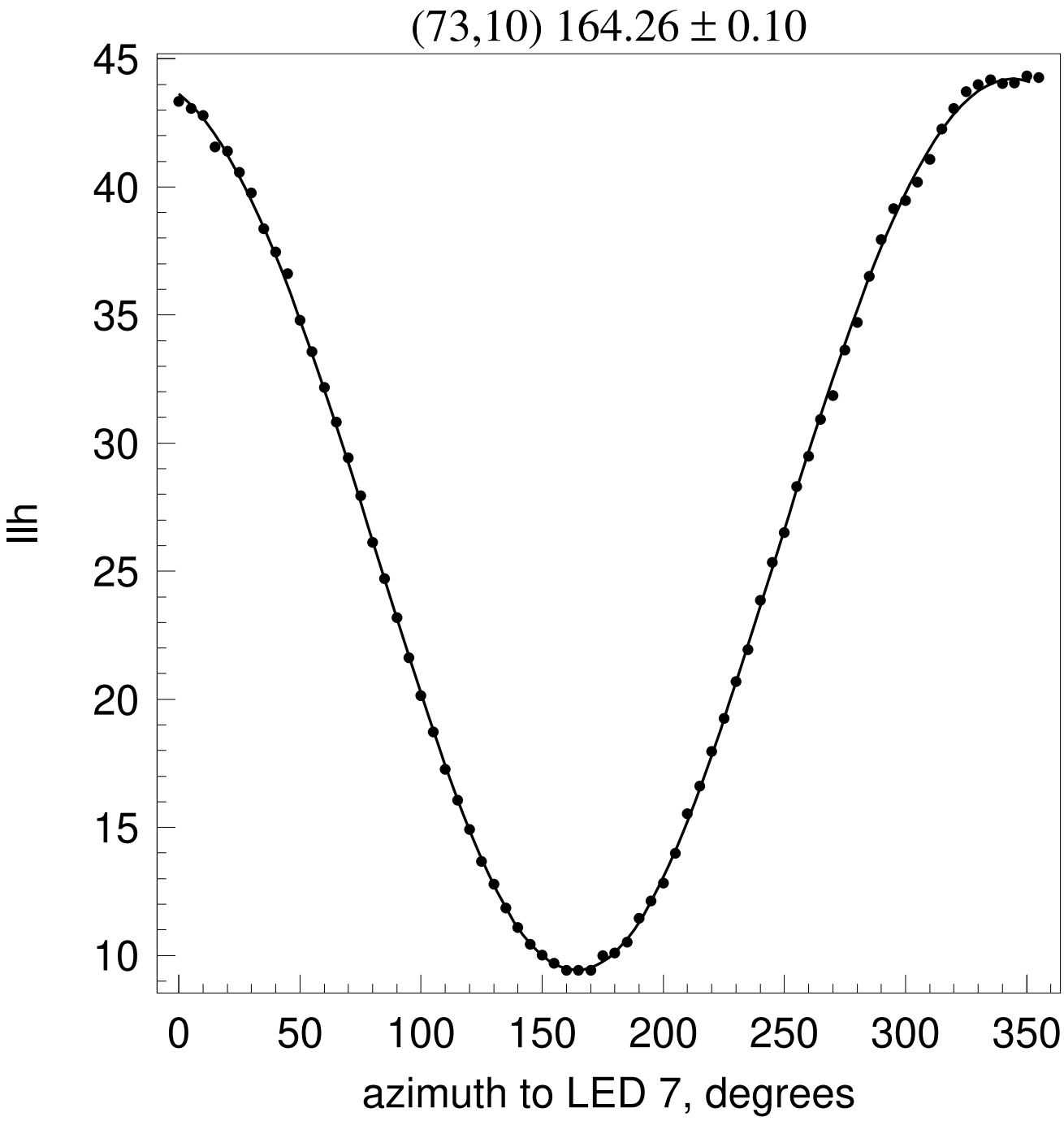

(73,5) 233.16 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

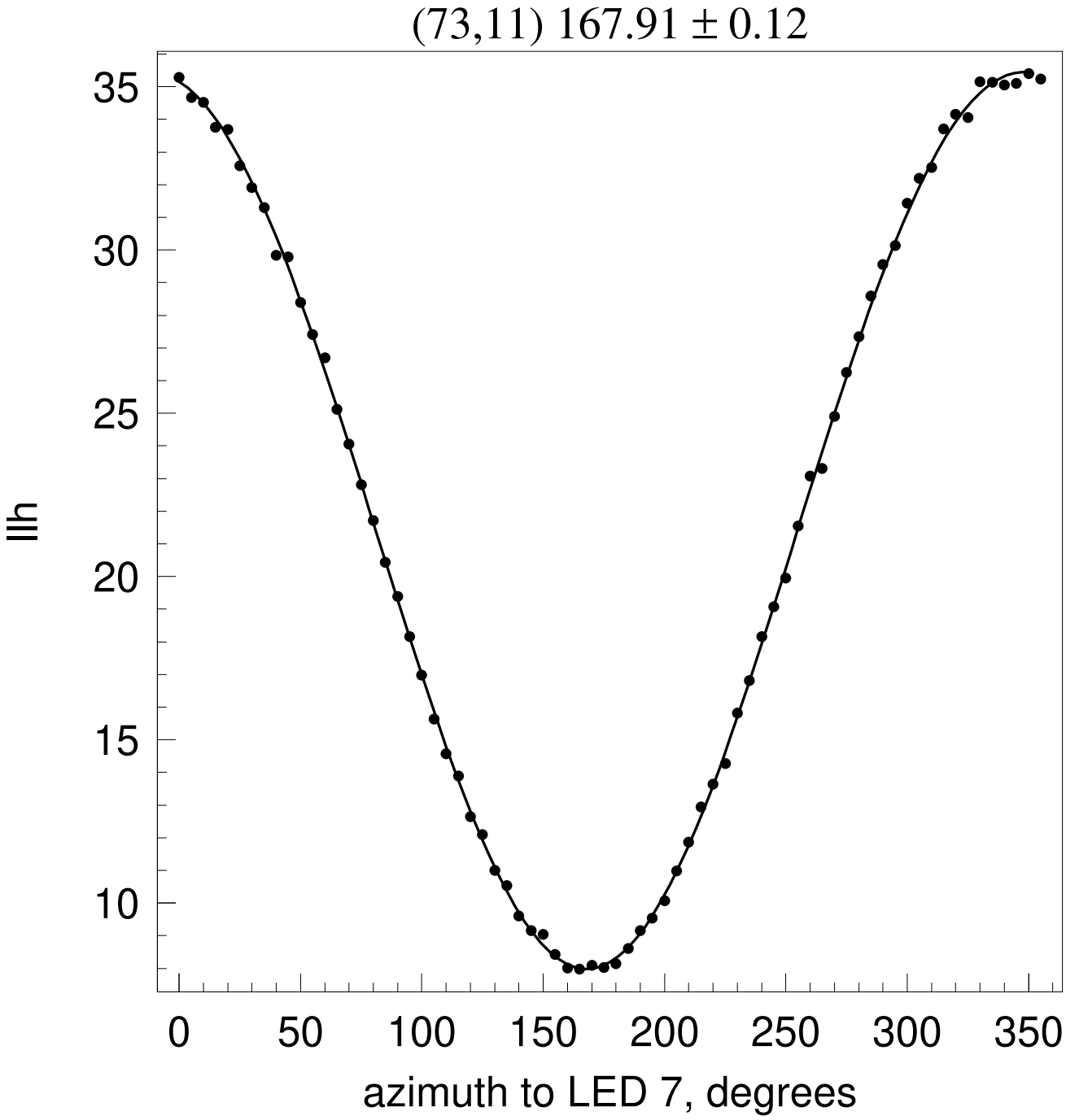

(73,6) 184.99 ± 0.10
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

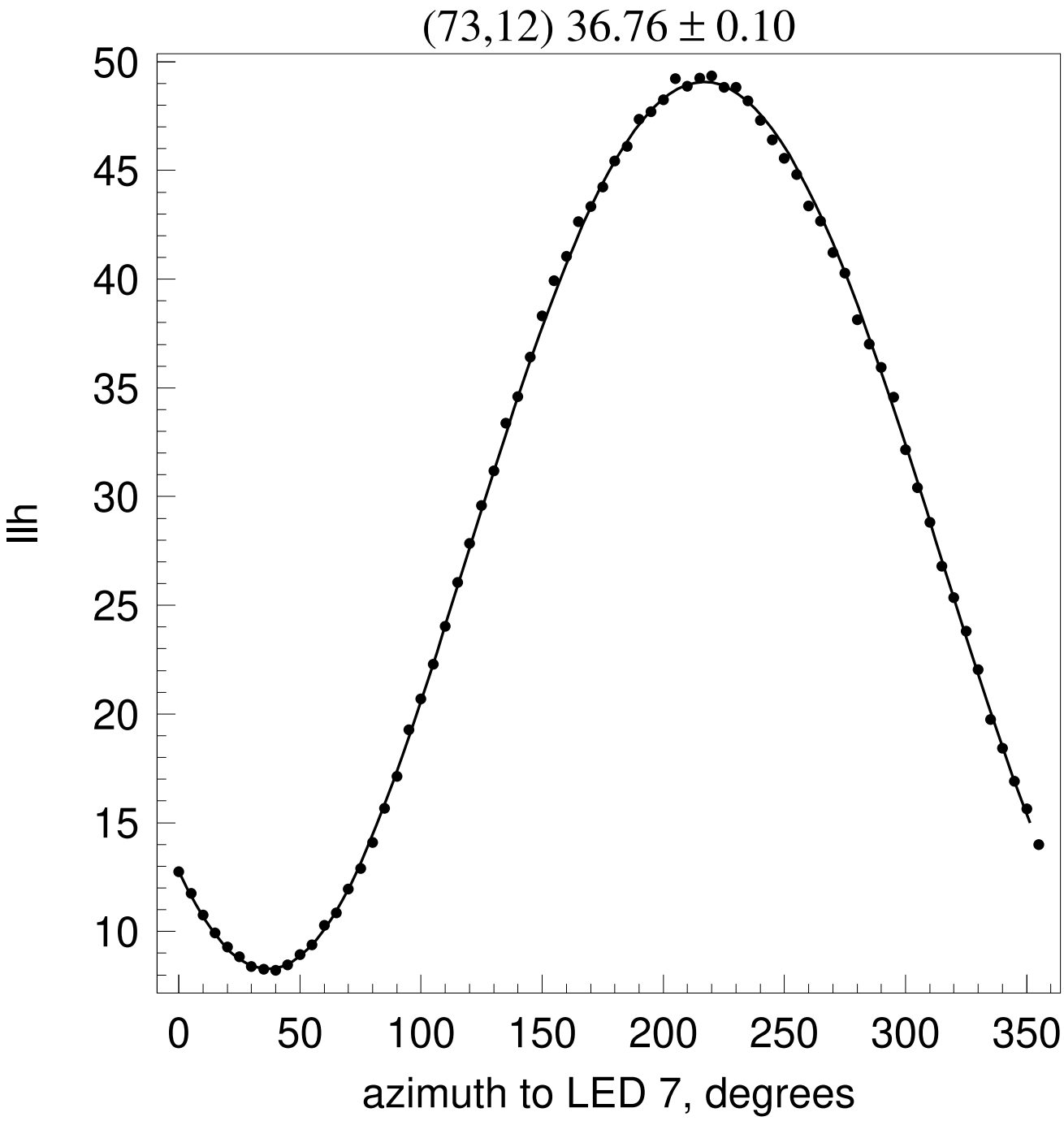

(73,7) 194.86 ± 0.35
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

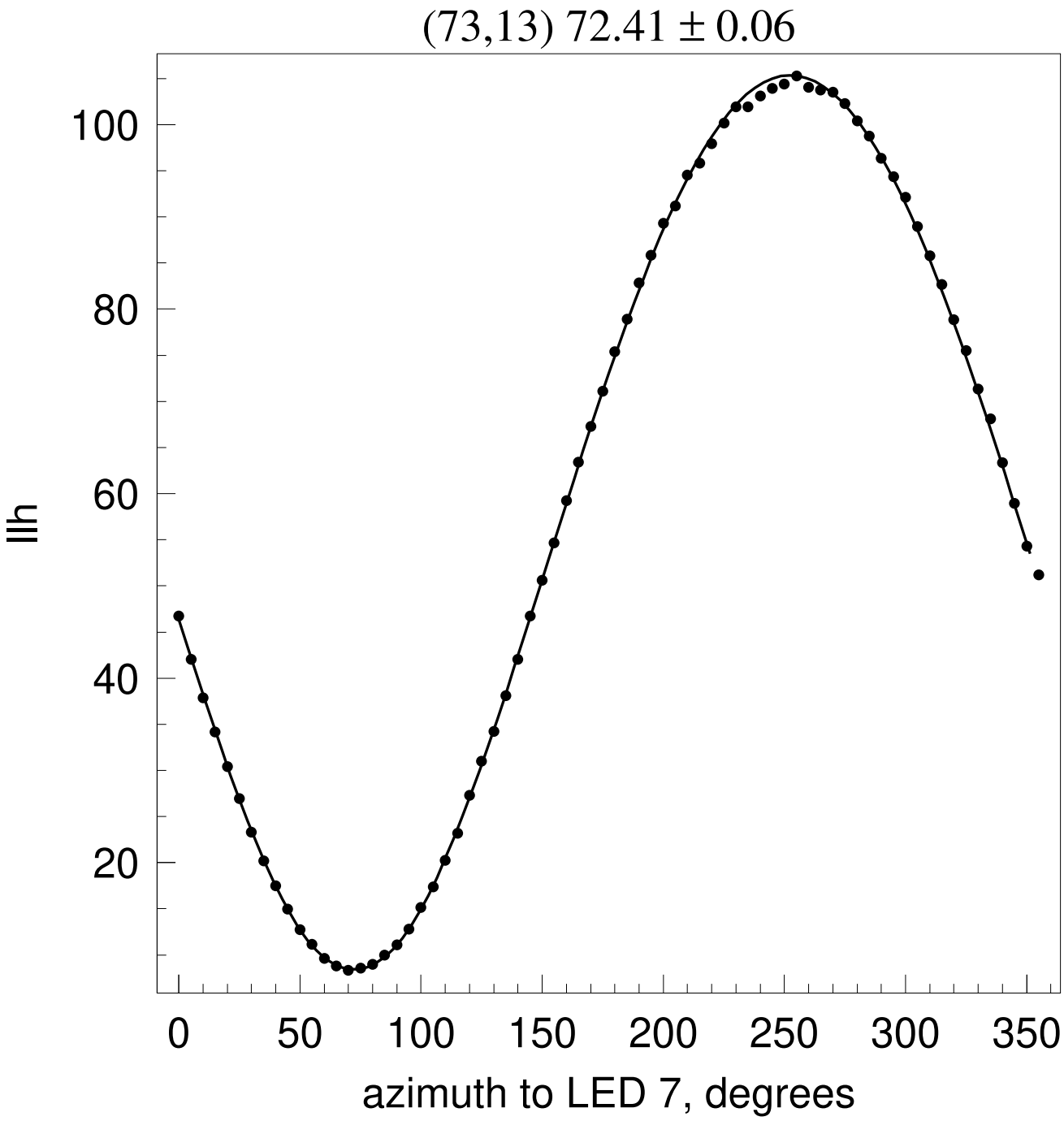

(73,8) 272.89 ± 0.28
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

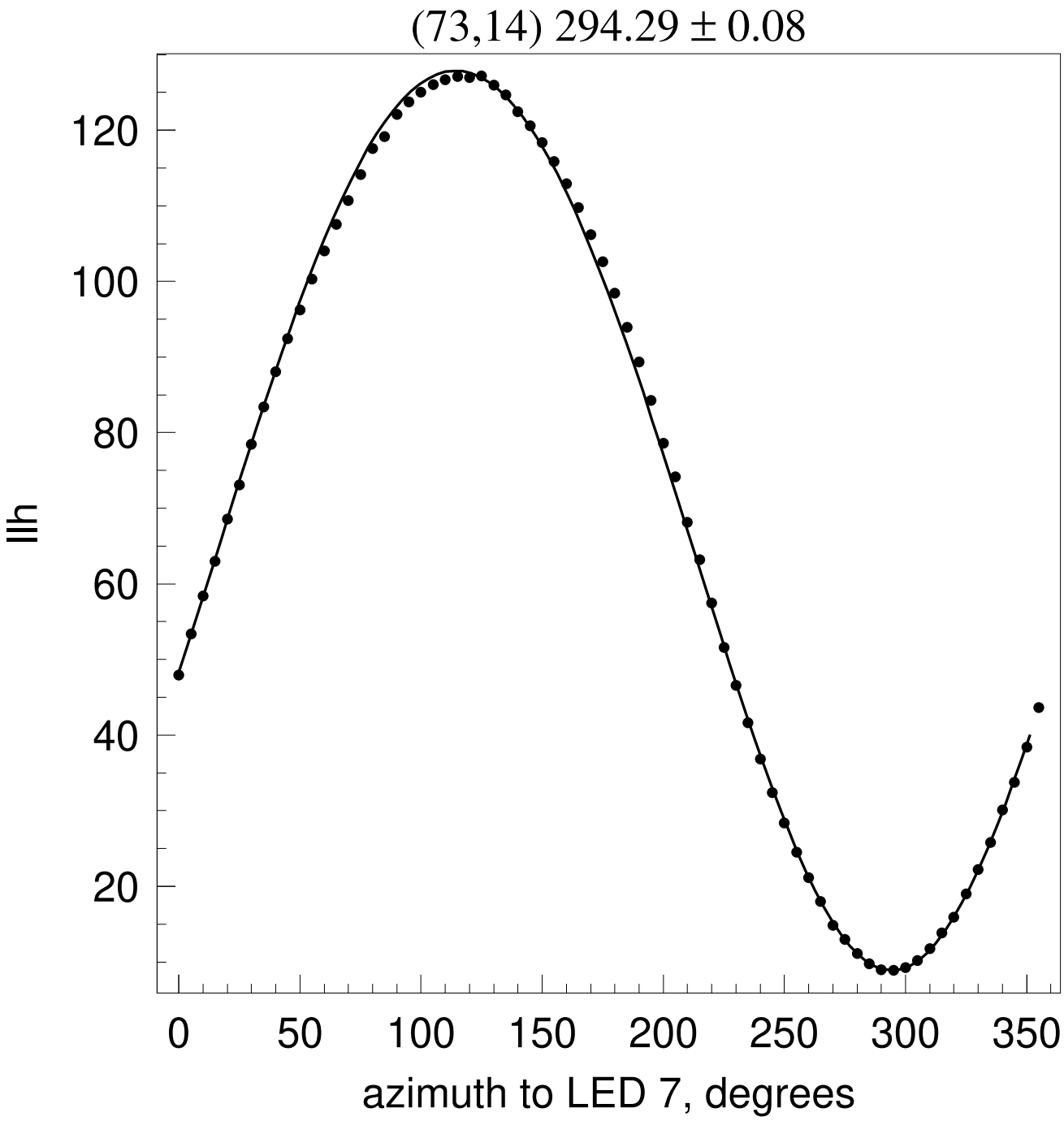

(73,9) 238.06 ± 0.35
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

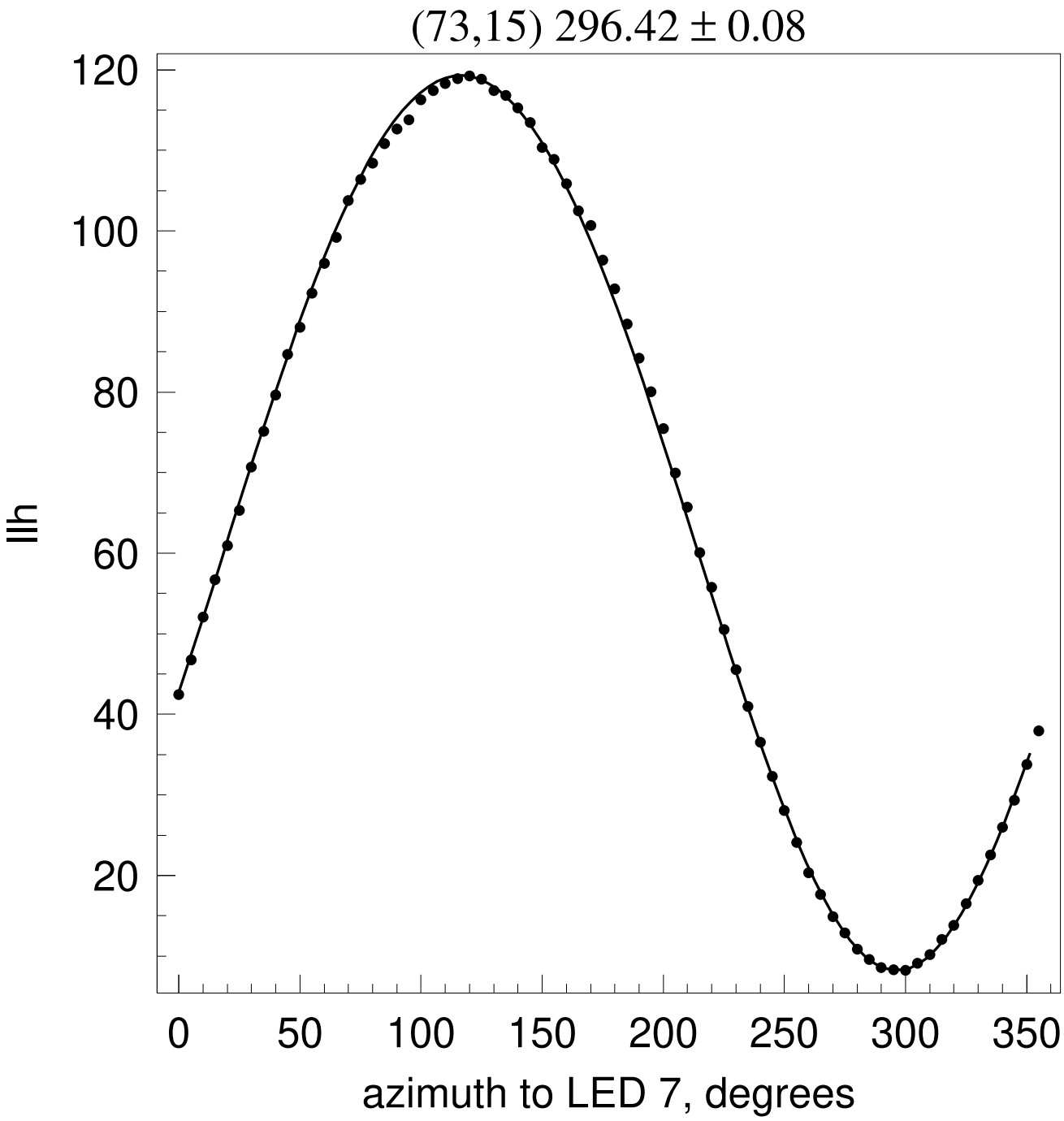

(73,10) 164.26 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

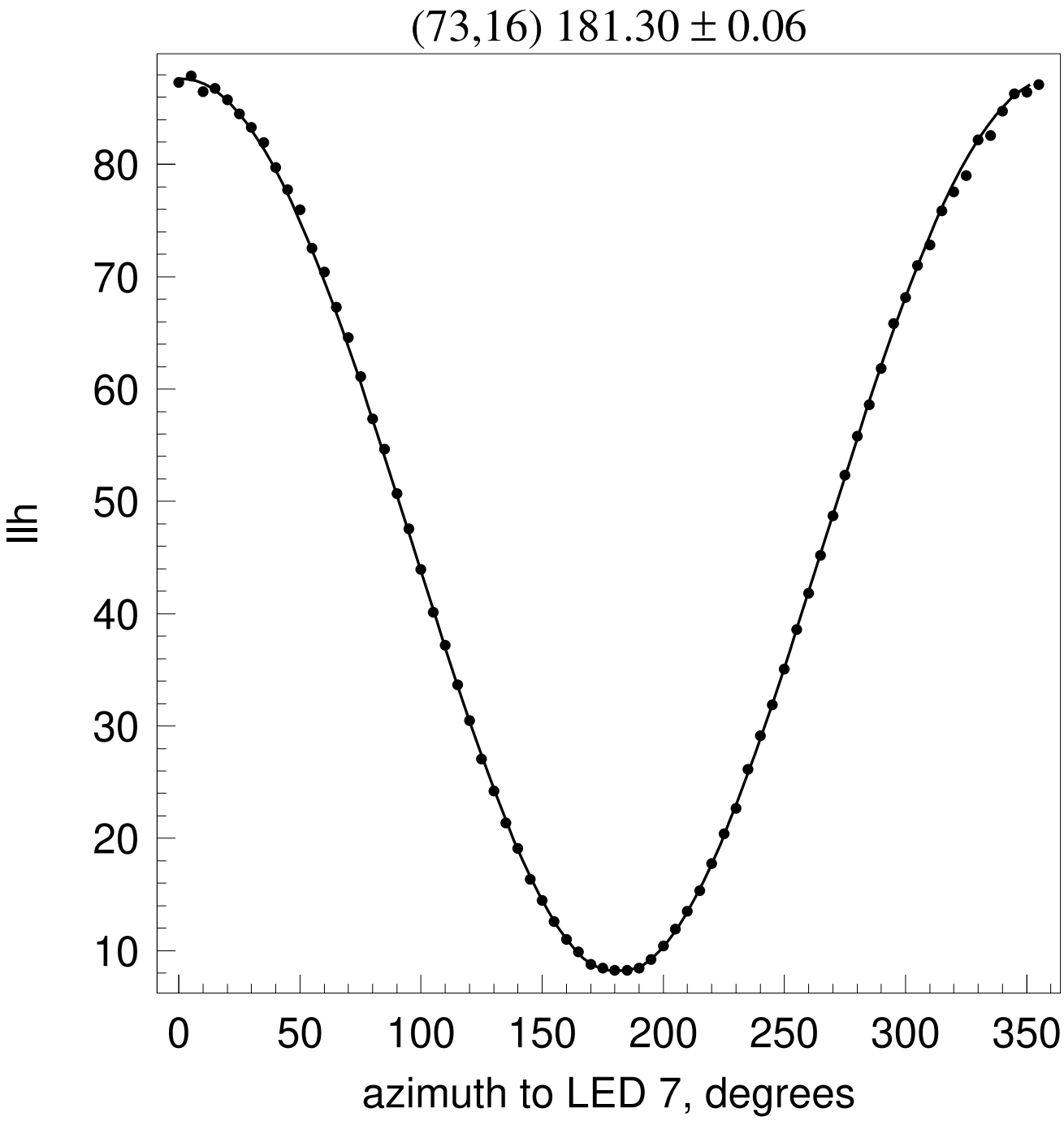

(73,11) 167.91 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

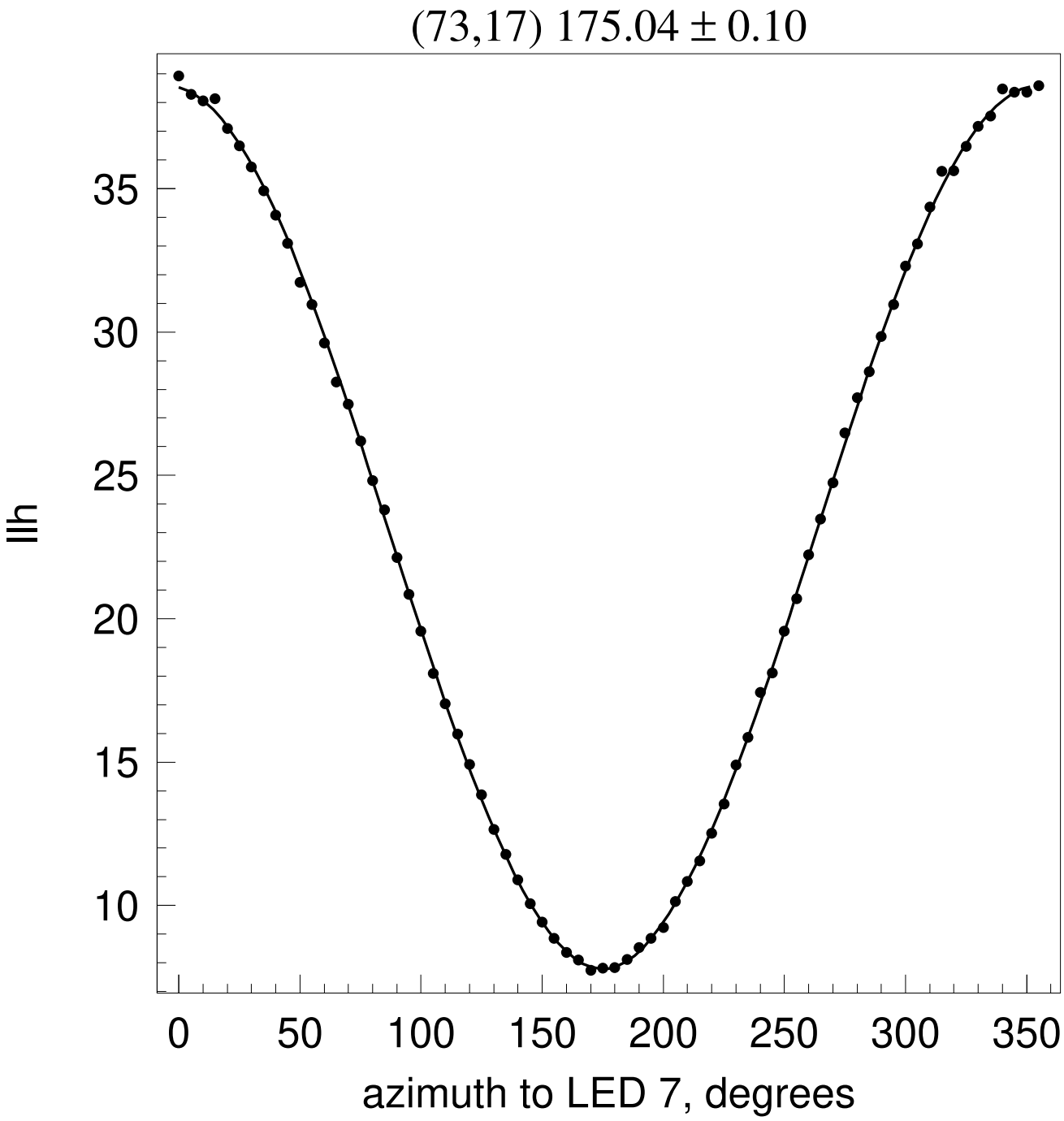

(73,12) 36.76 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

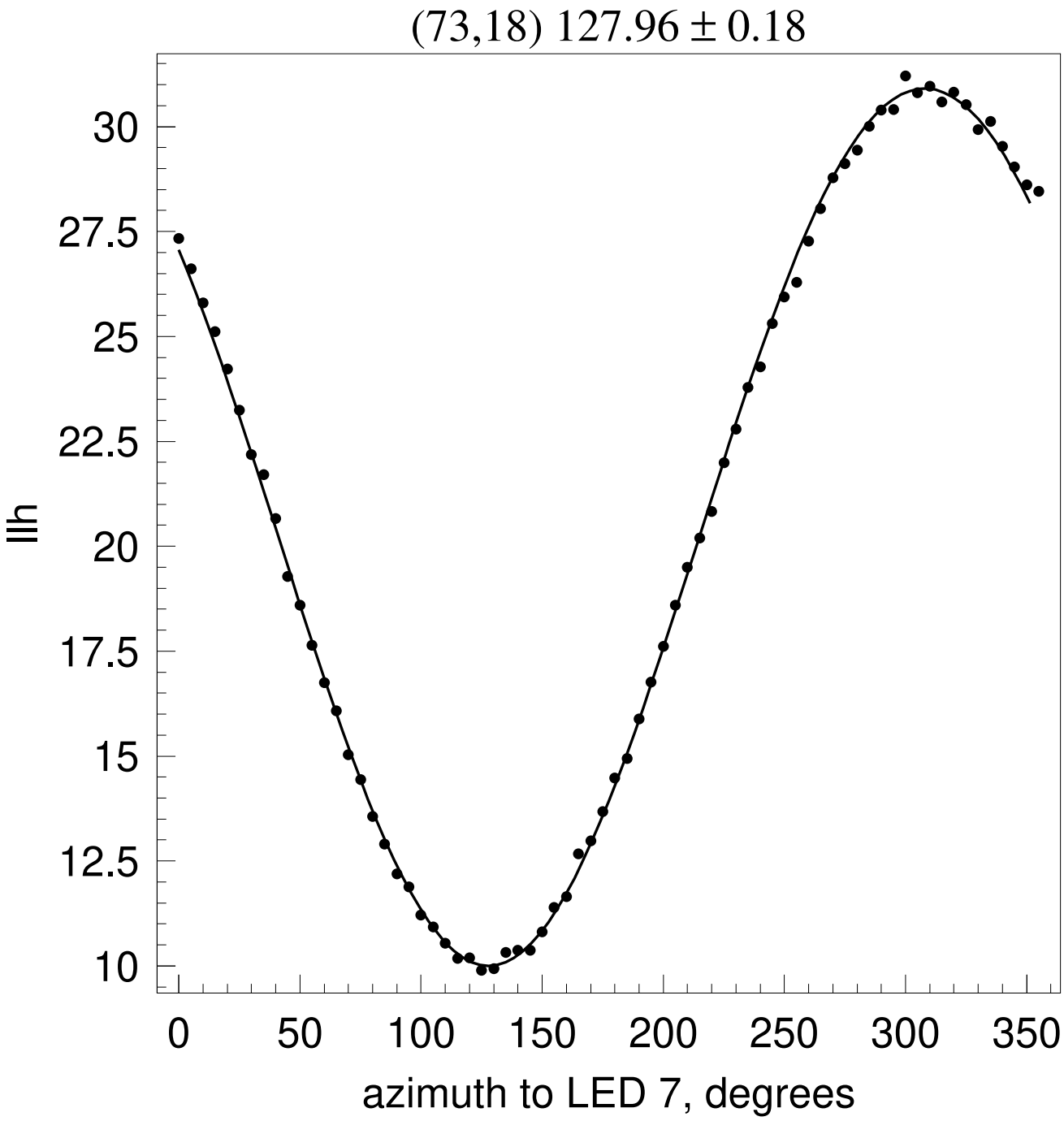

(73,13) 72.41 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

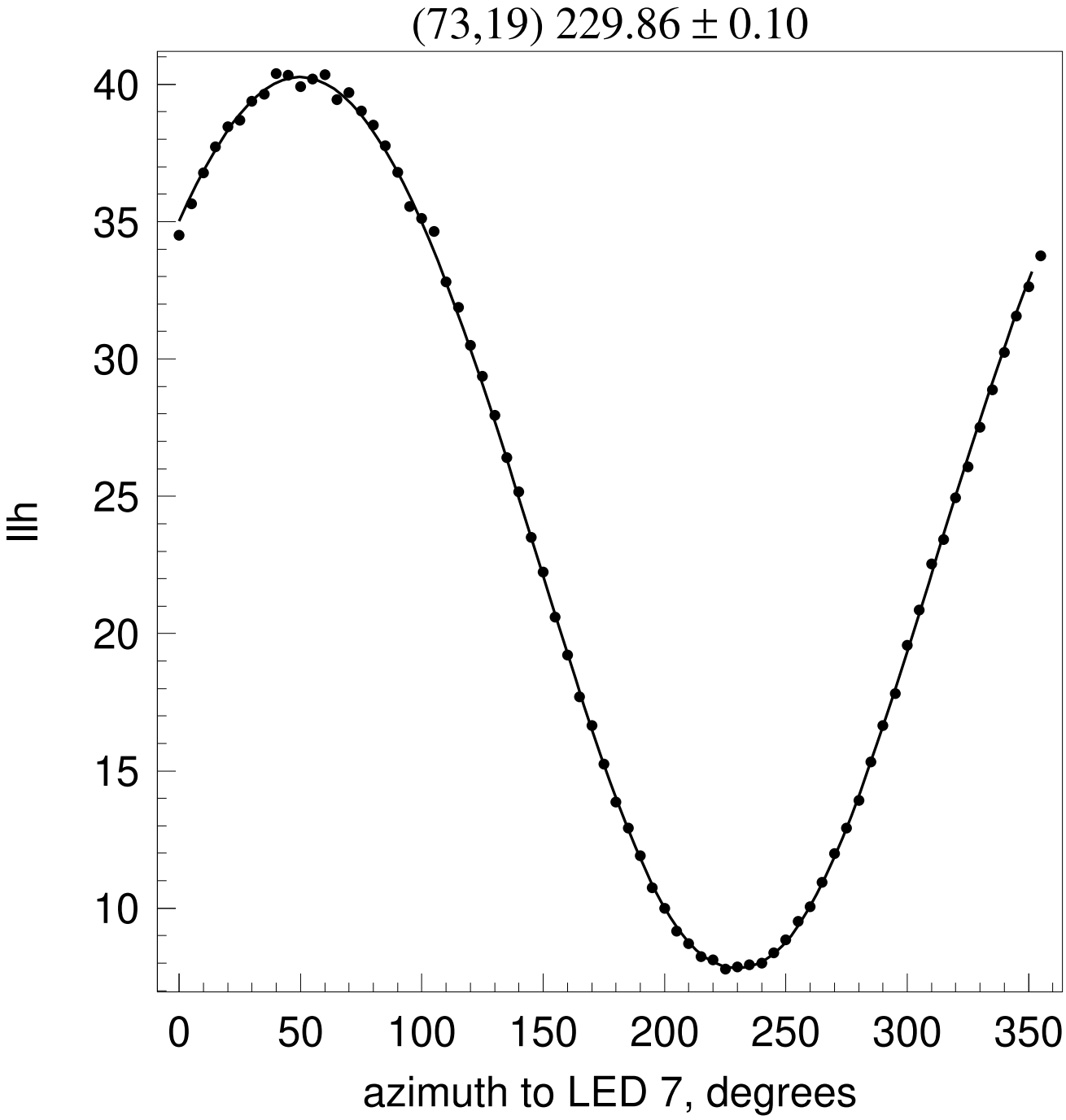

(73,14) 294.29 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

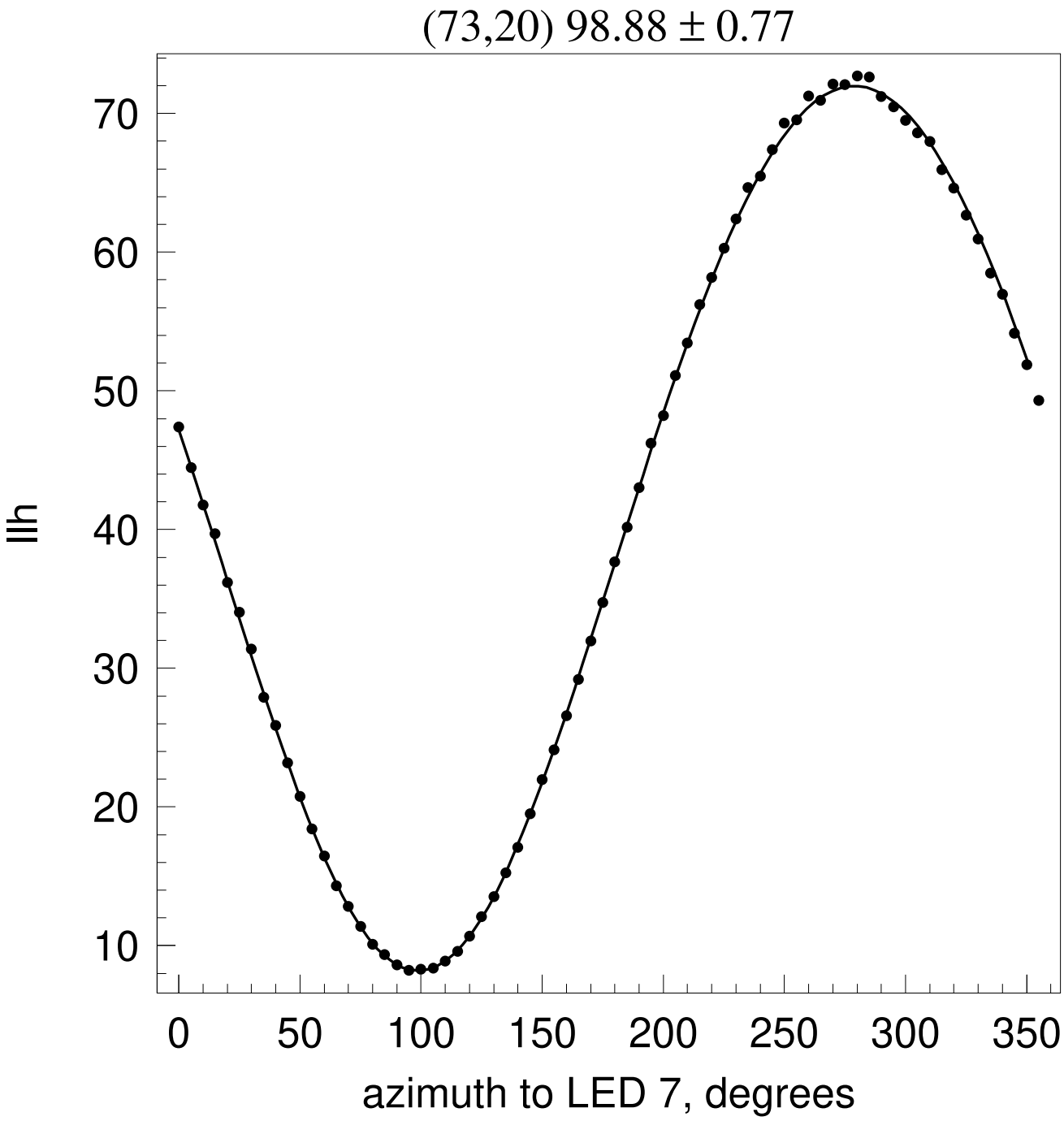

(73,15) 296.42 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

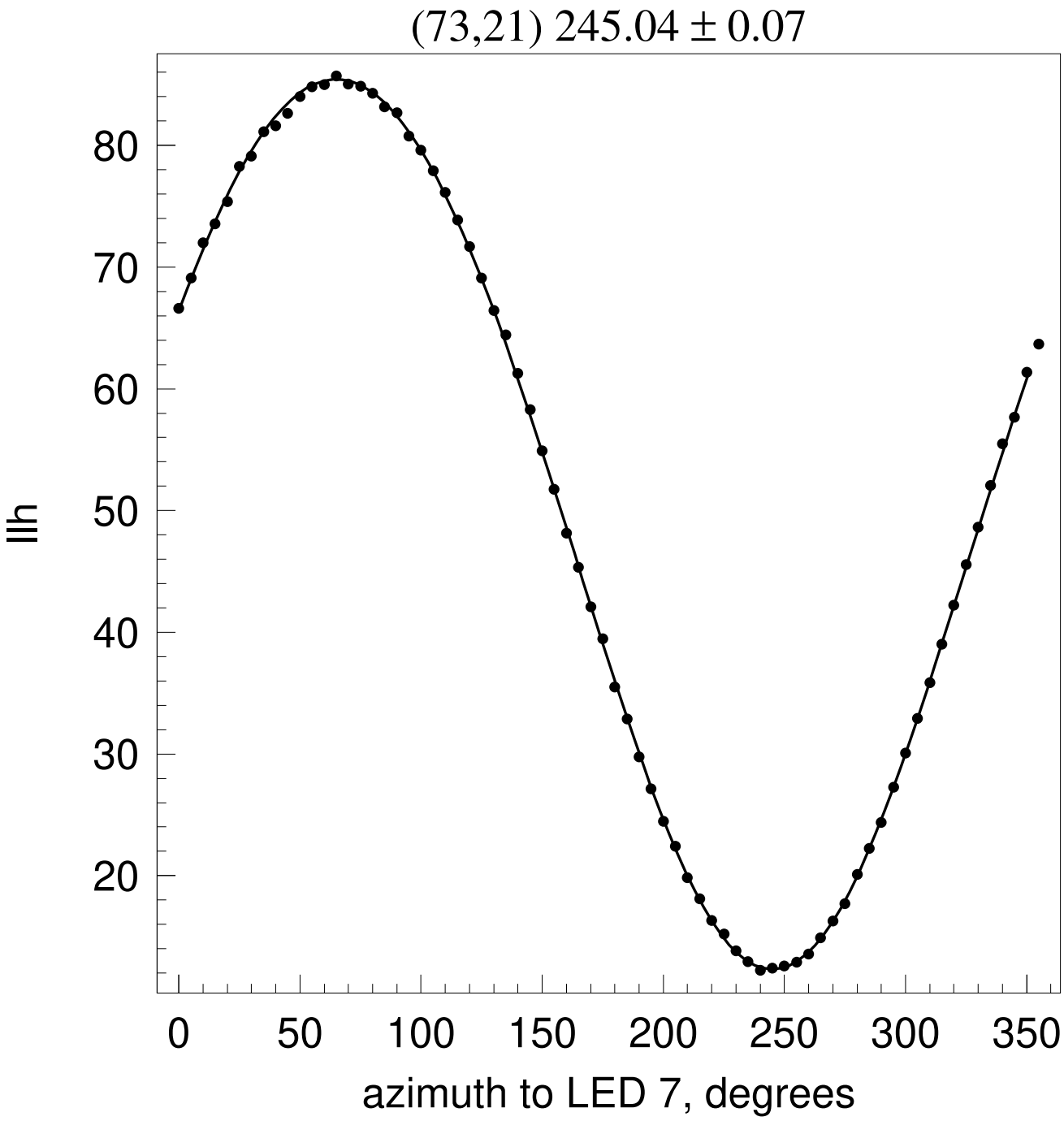

(73,16) 181.30 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

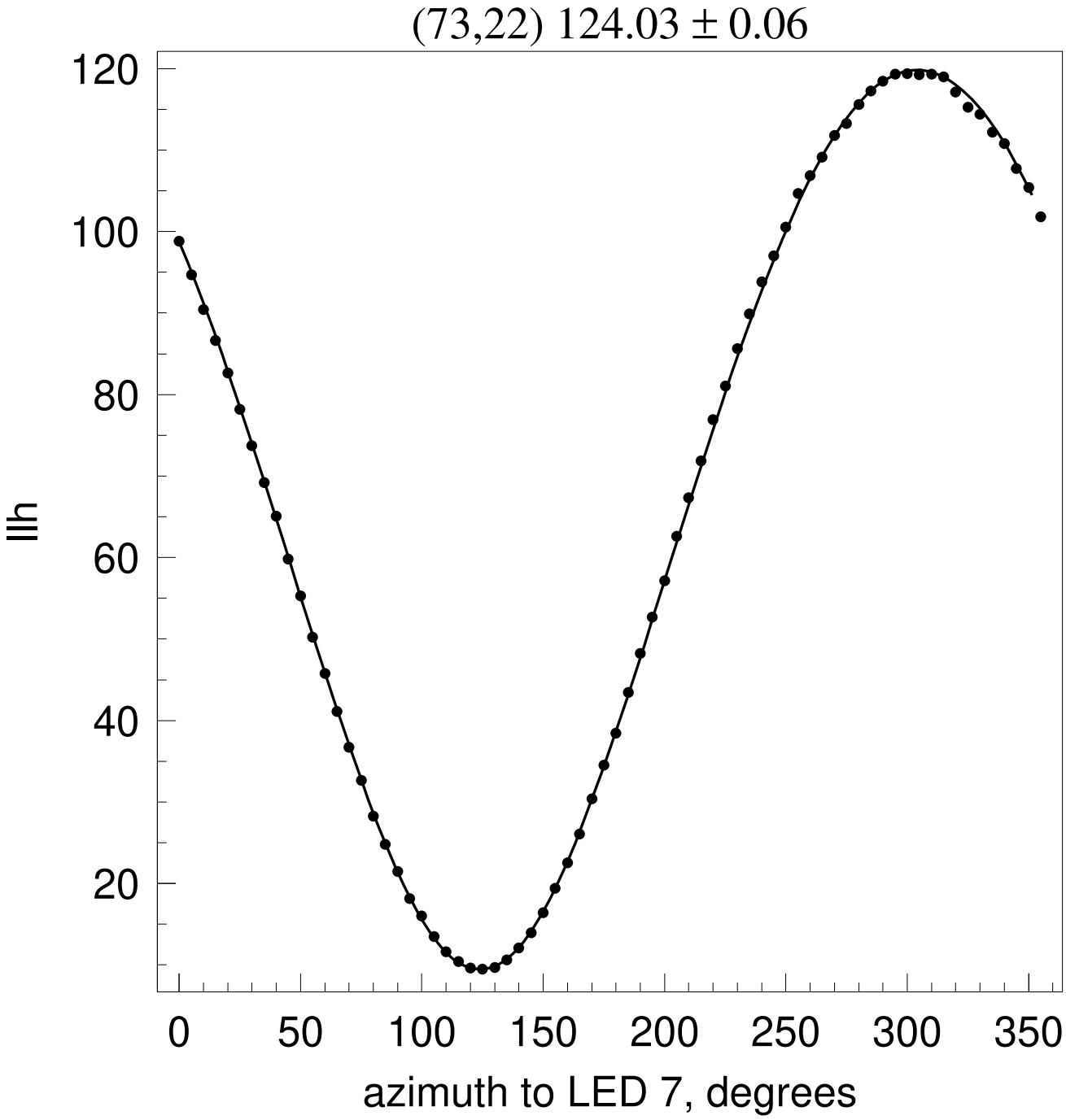

(73,17) 175.04 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

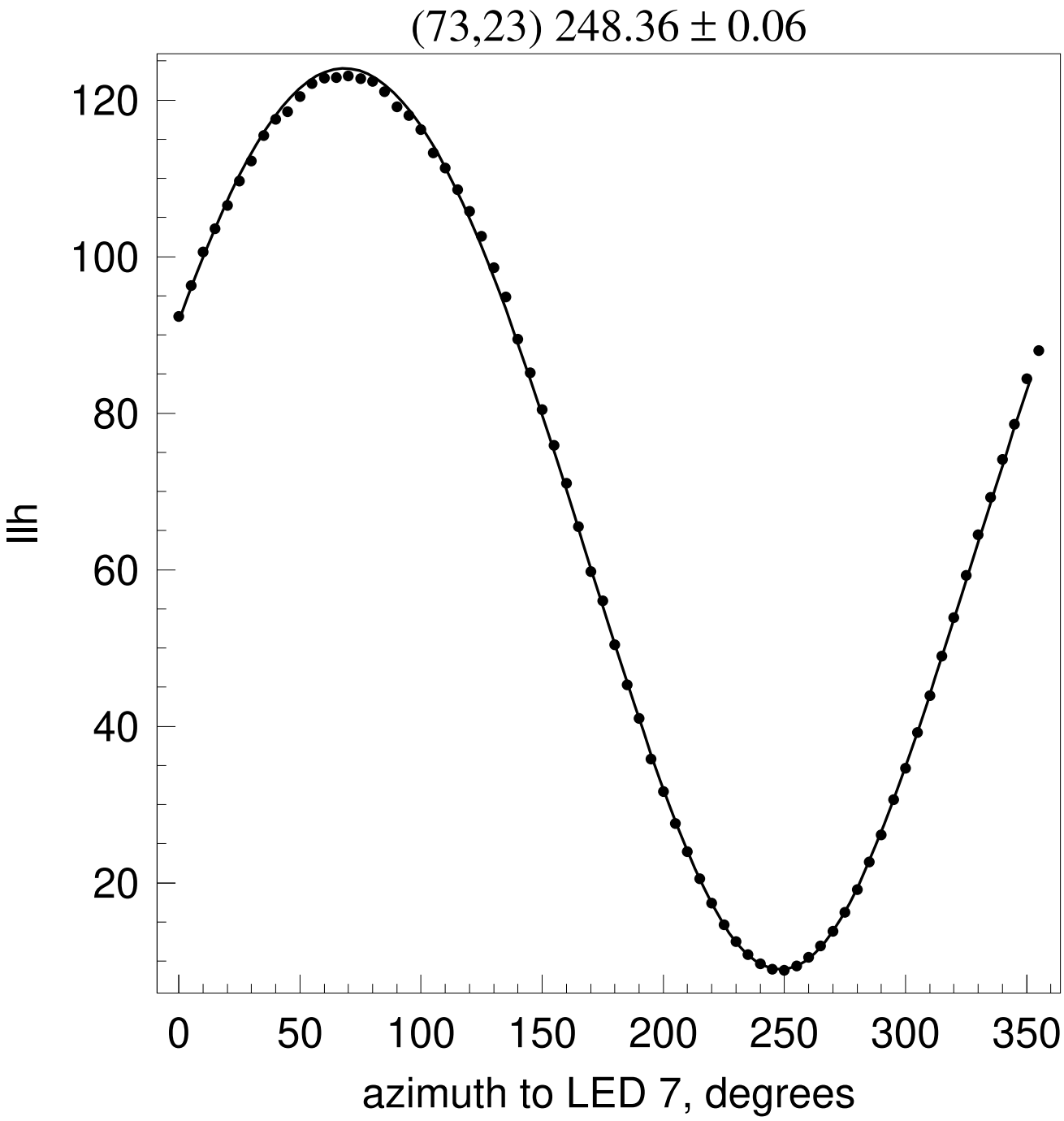

(73,18) 127.96 ± 0.18
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

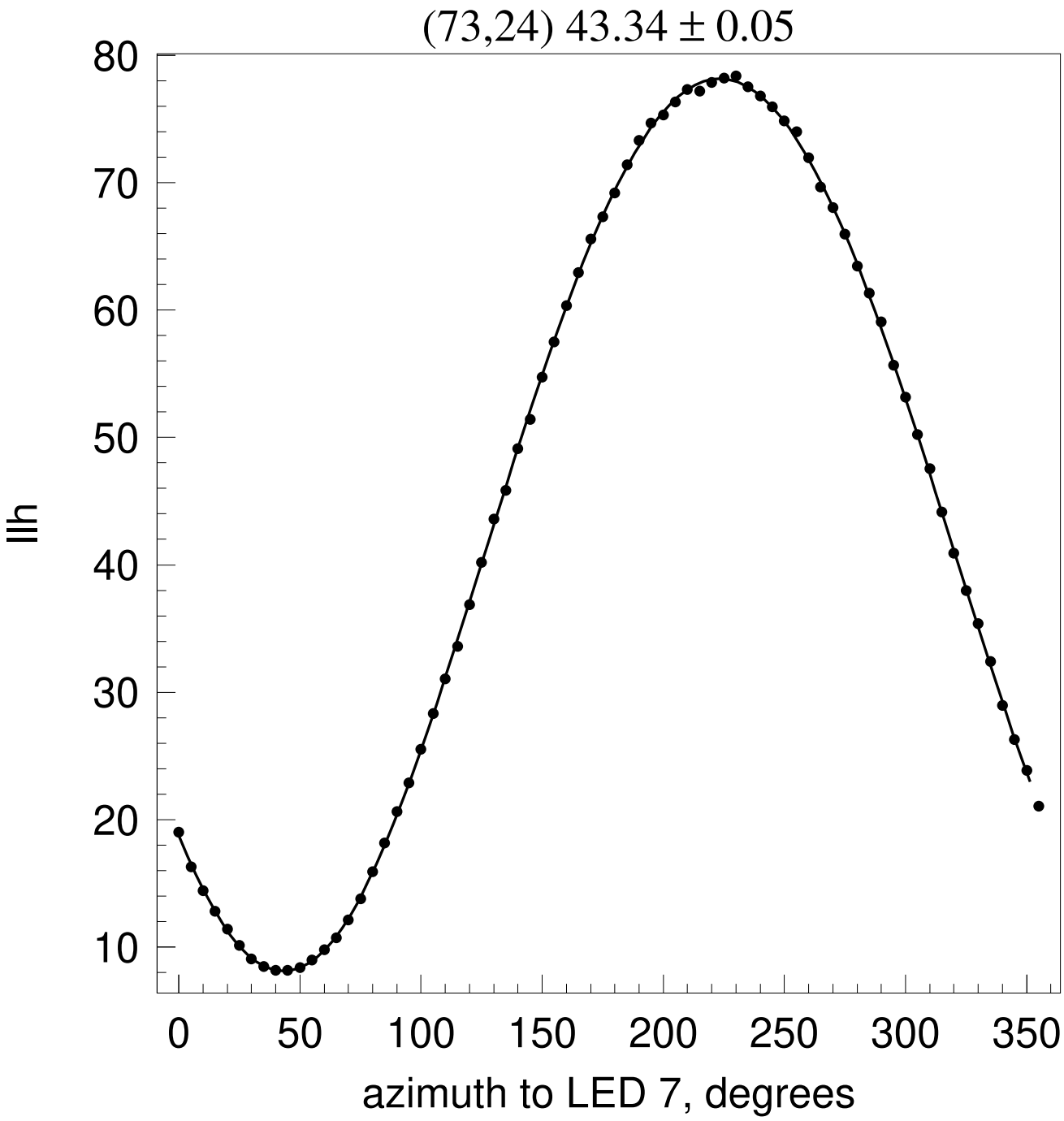

(73,19) 229.86 ± 0.10
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

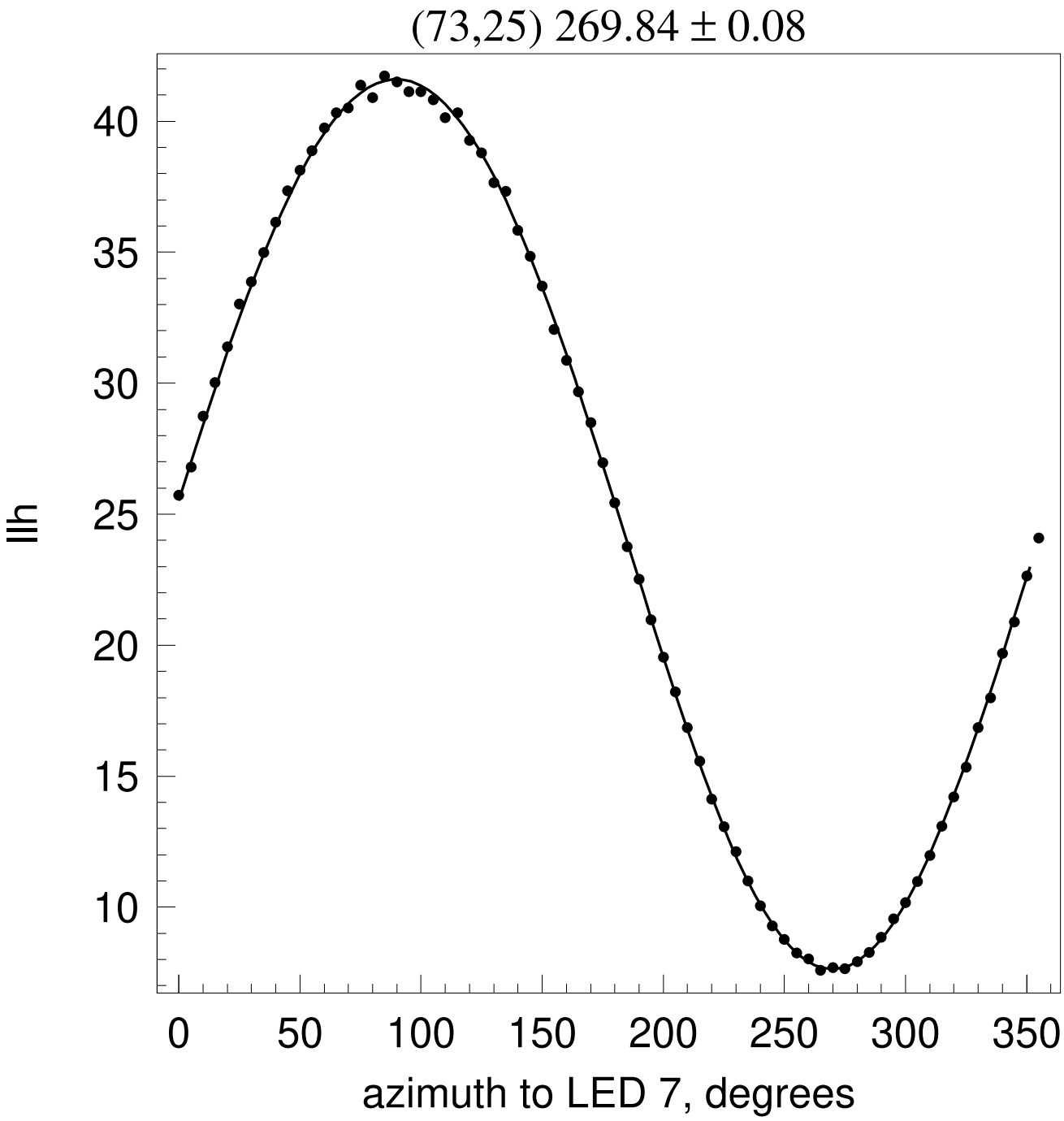

(73,20) 98.88 ± 0.77
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

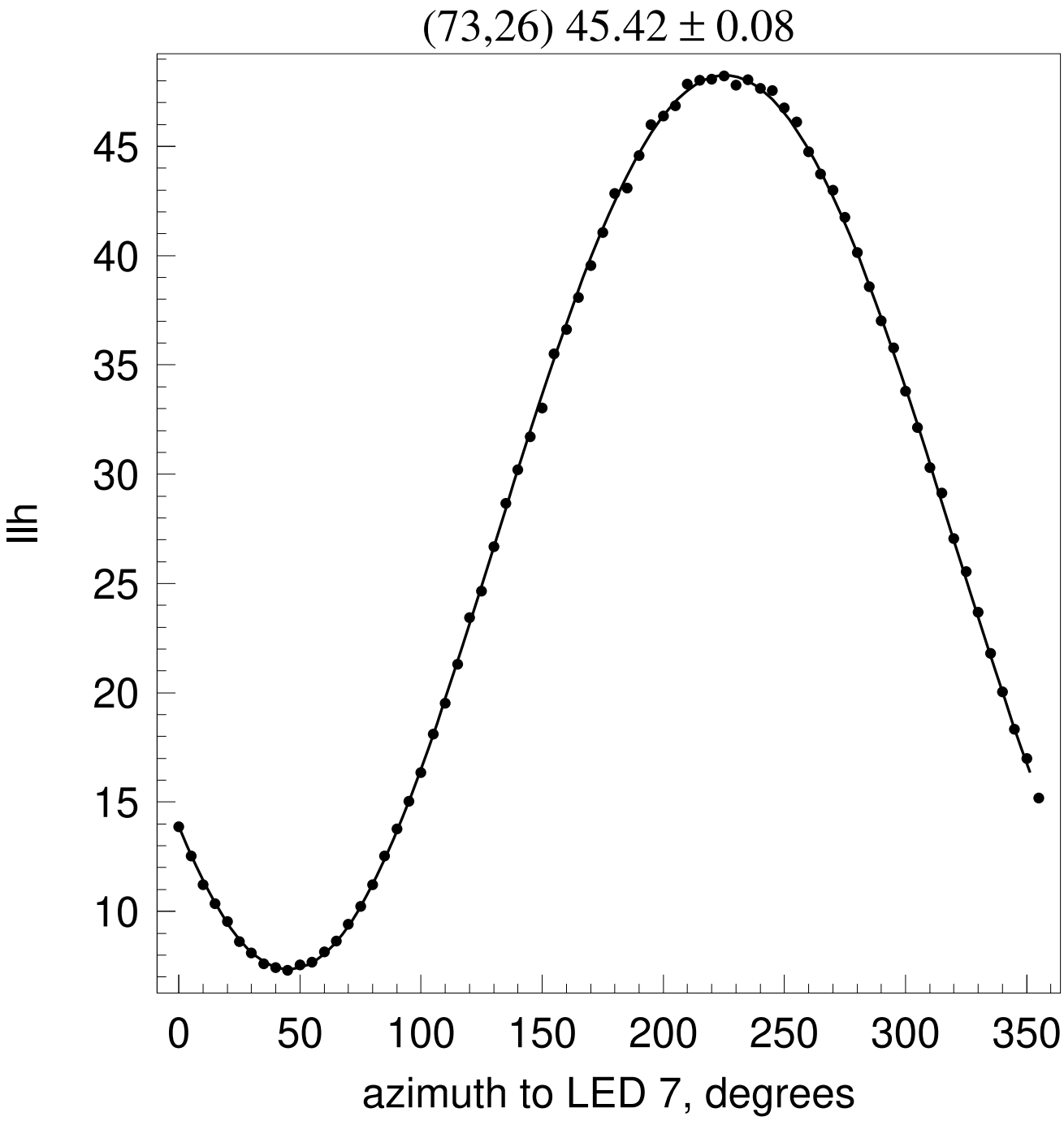

(73,21) 245.04 ± 0.07
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

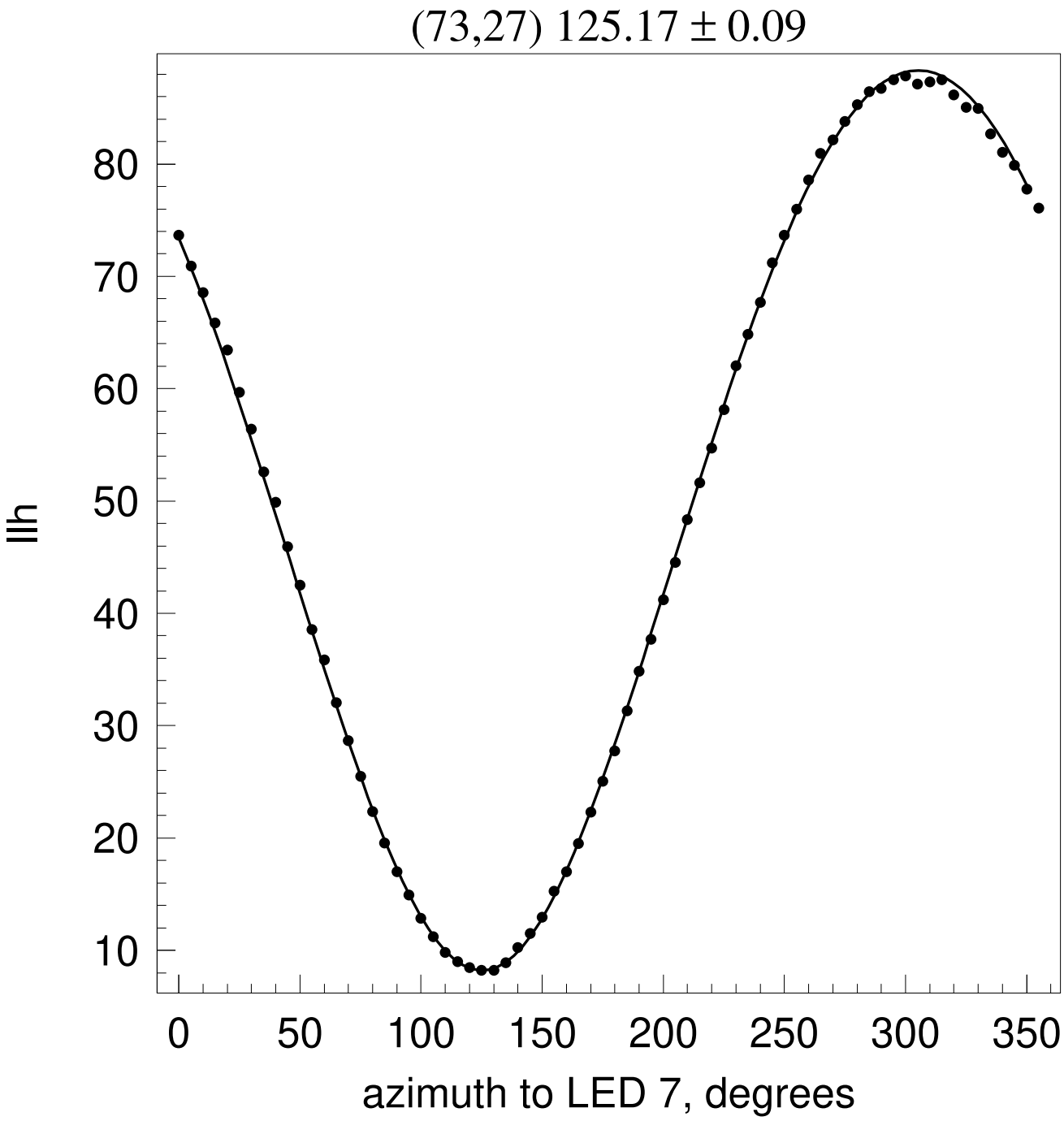

(73,22) 124.03 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

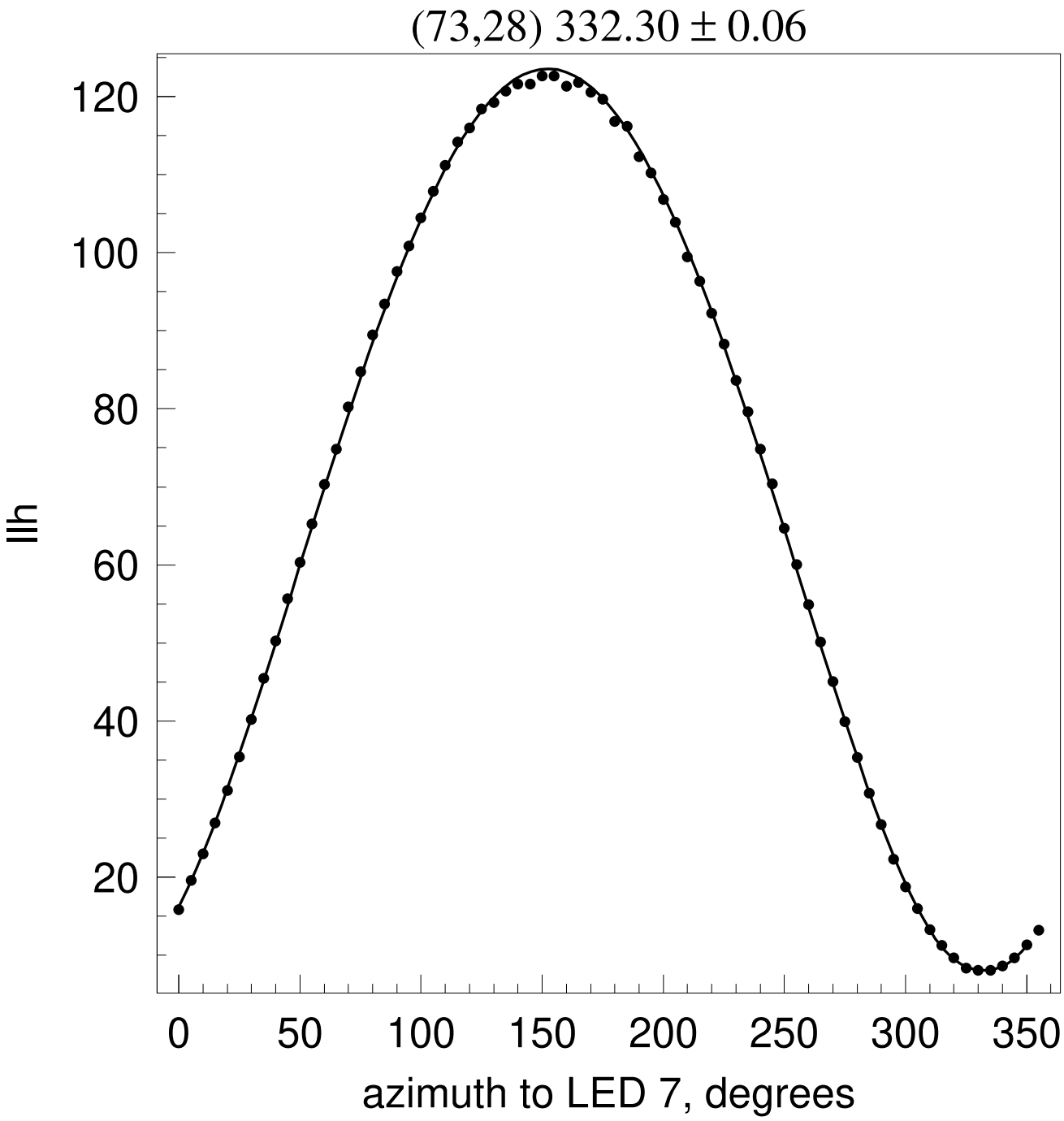

(73,23) 248.36 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

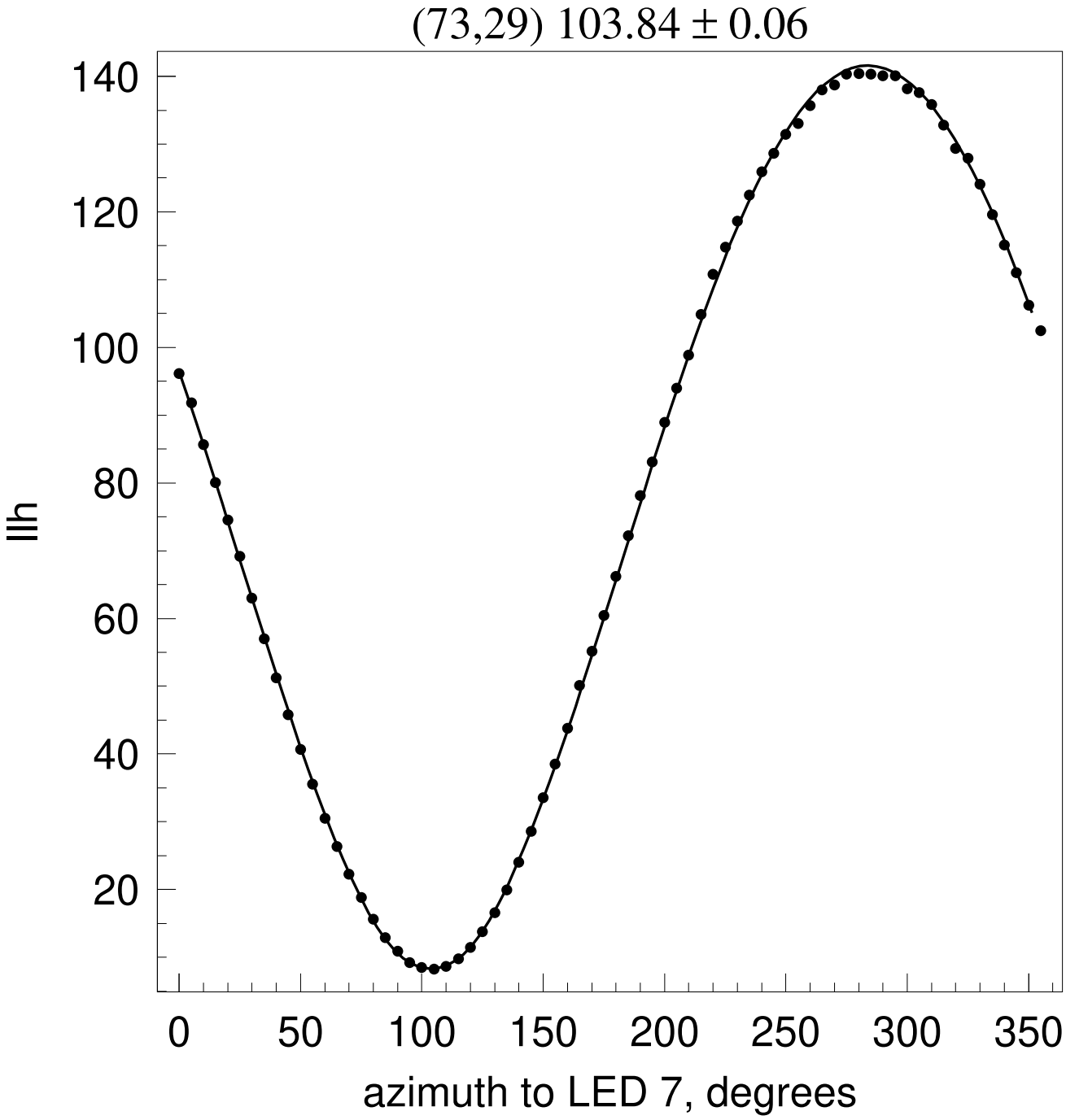

(73,24) 43.34 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

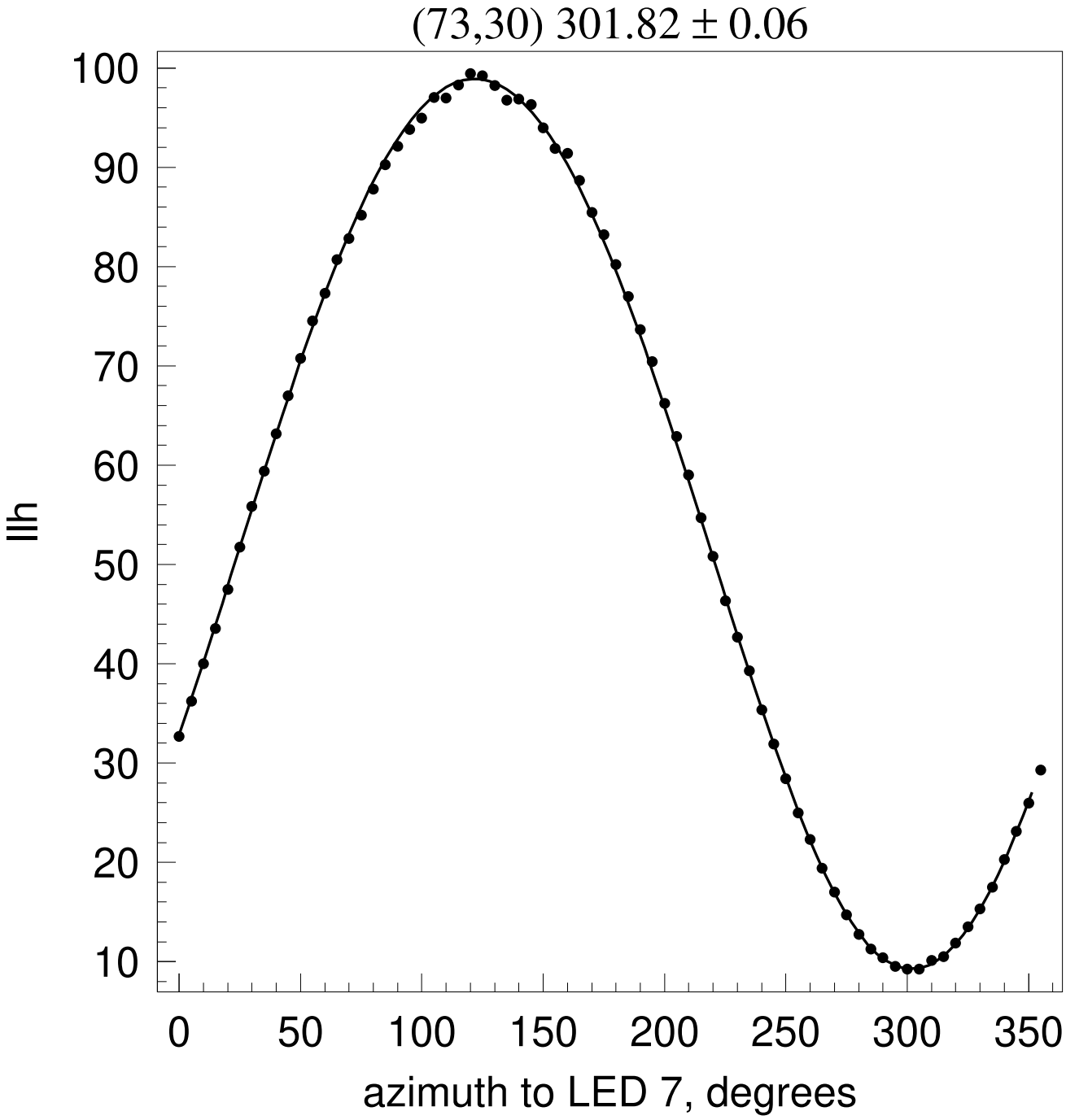

(73,25) 269.84 ± 0.08
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

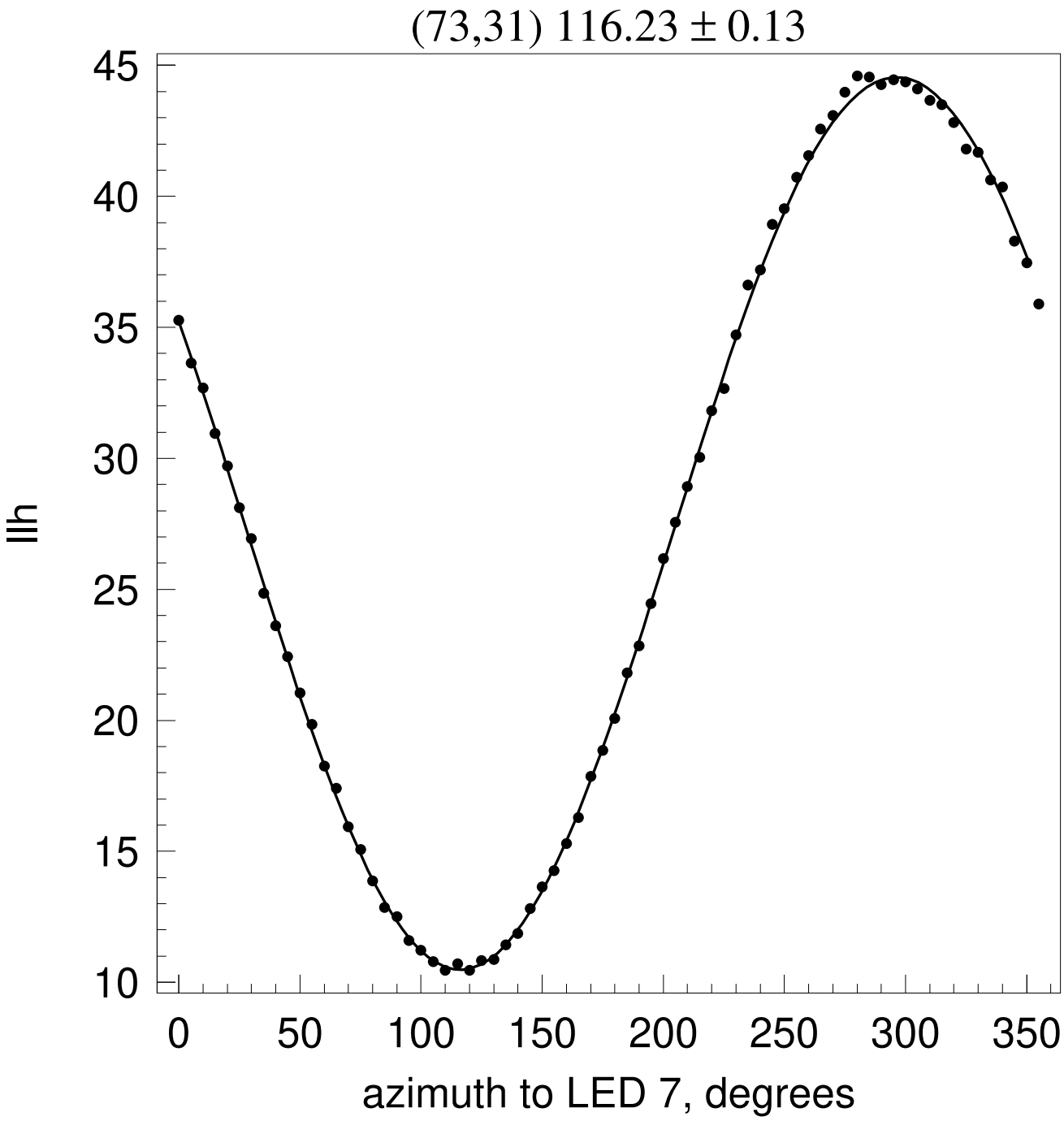

(73,26) 45.42 ± 0.08
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

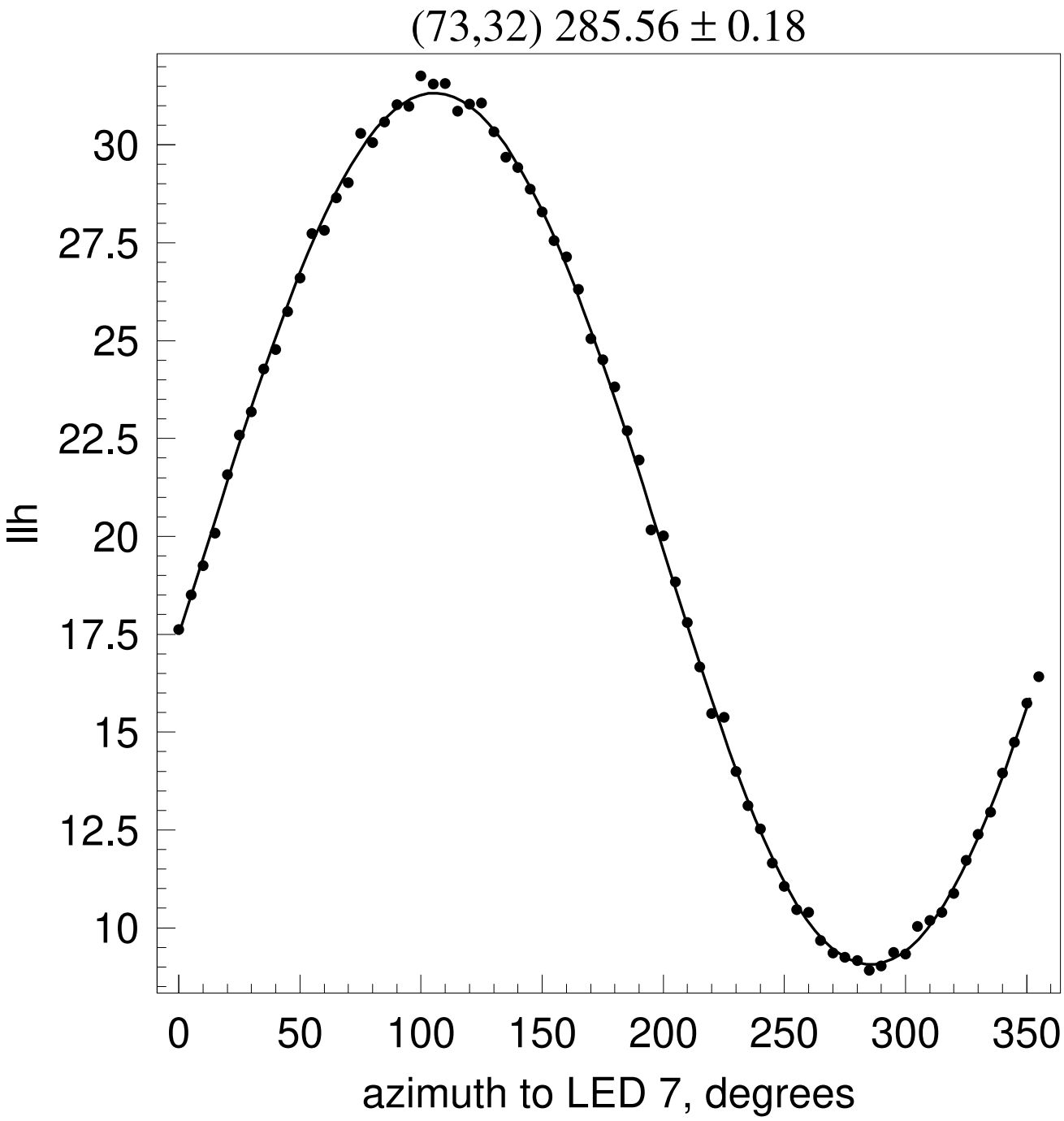

(73,27) 125.17 ± 0.09
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

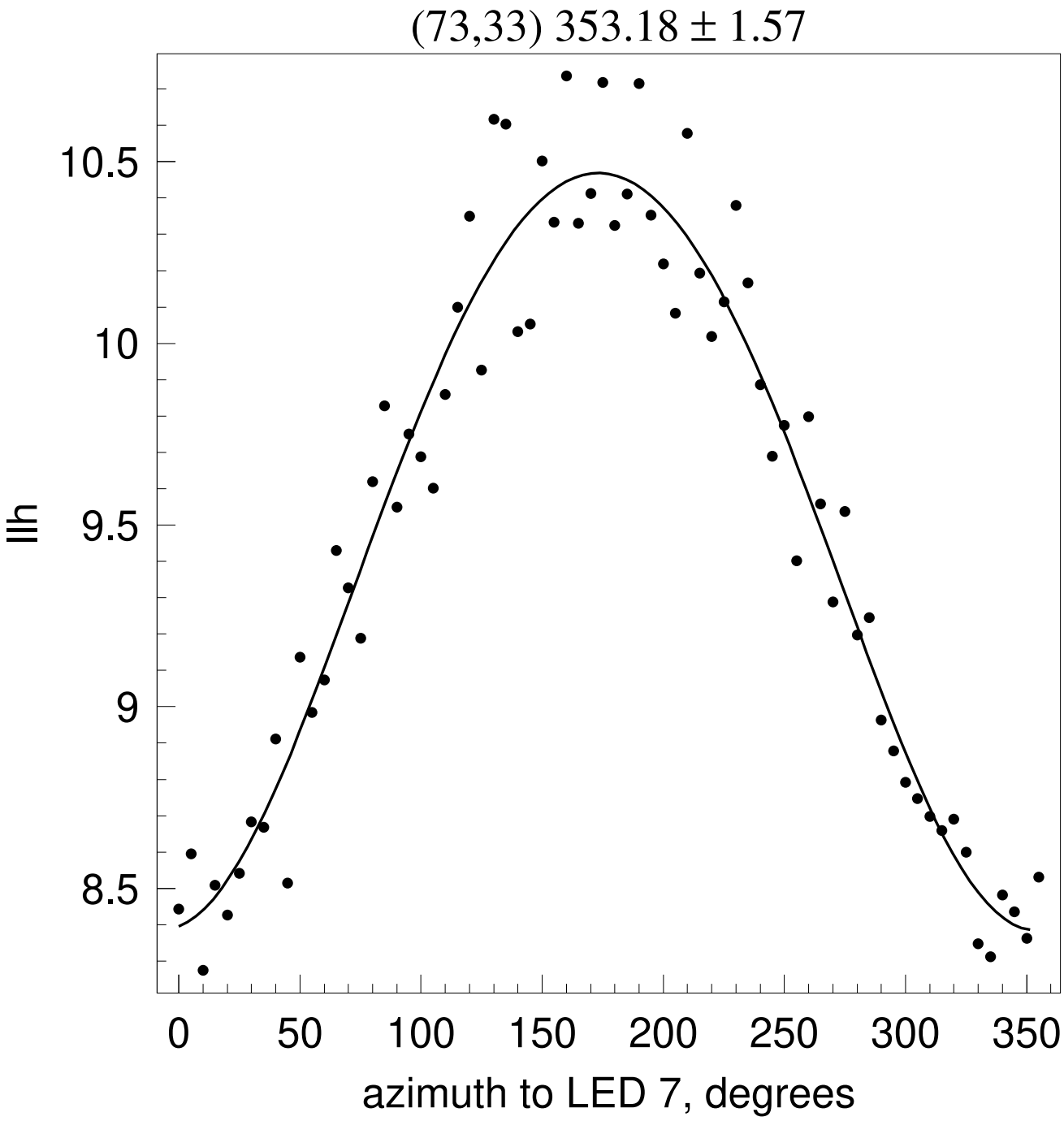

(73,28) 332.30 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

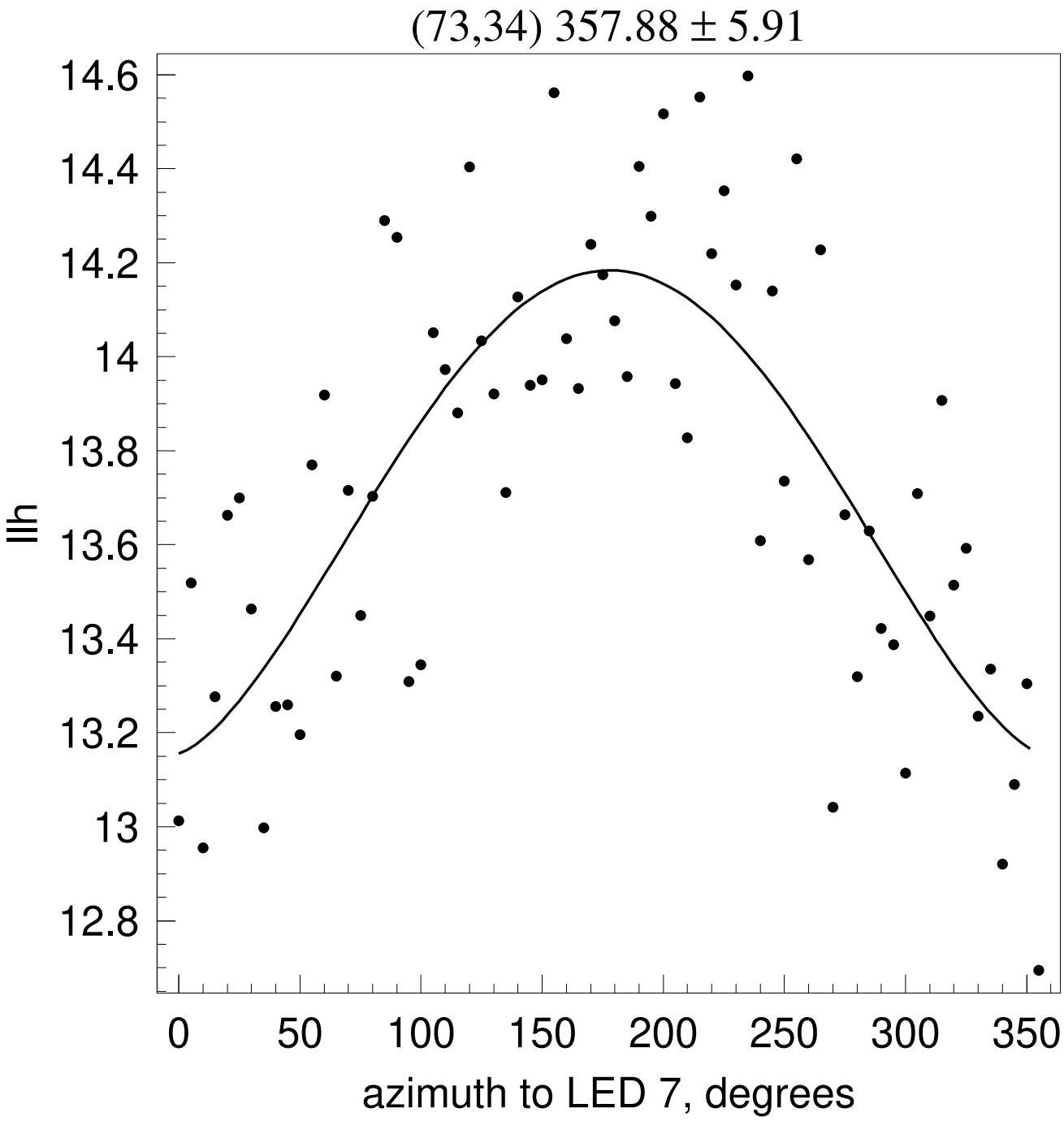

(73,29) 103.84 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

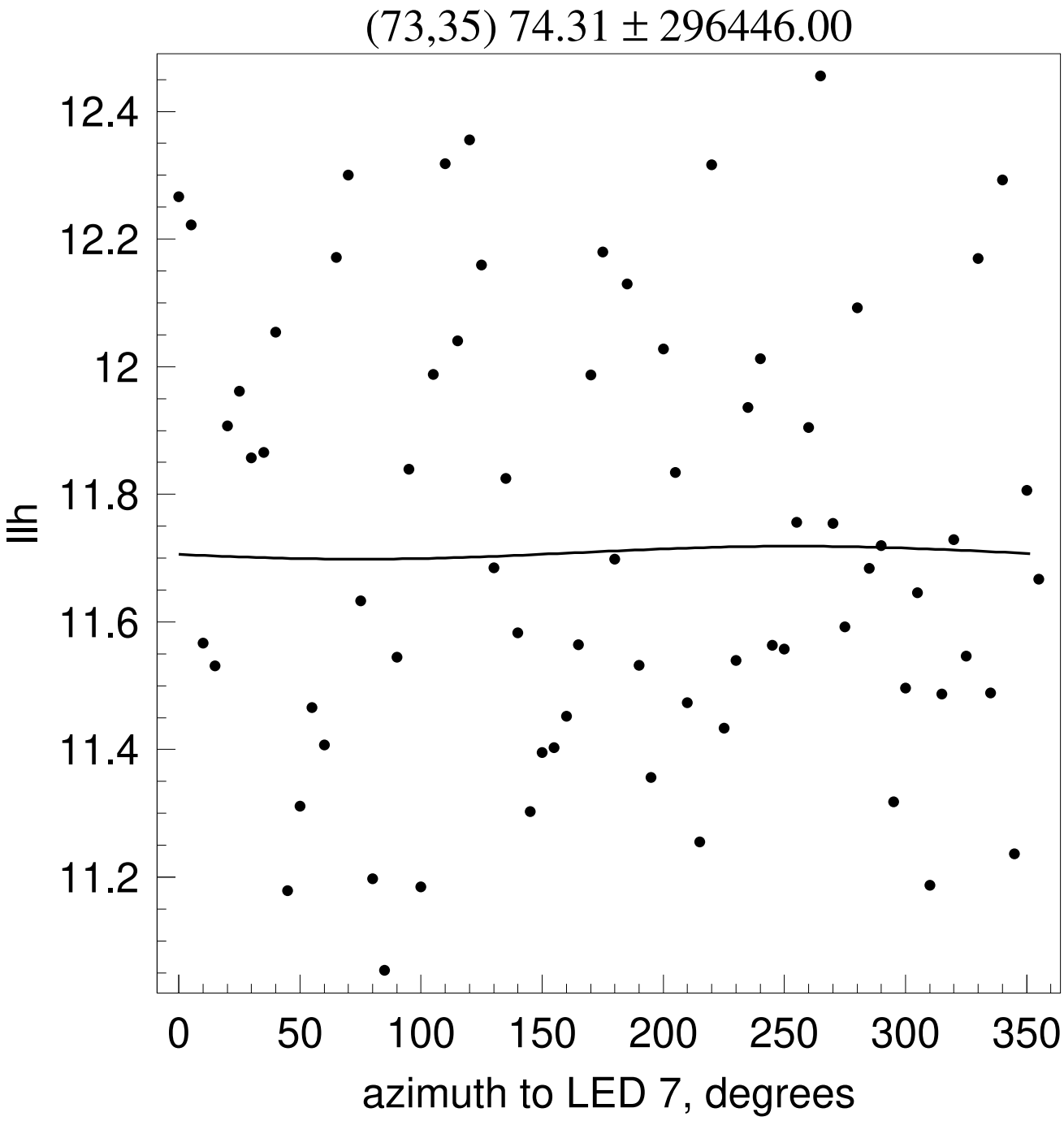

(73,30) 301.82 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

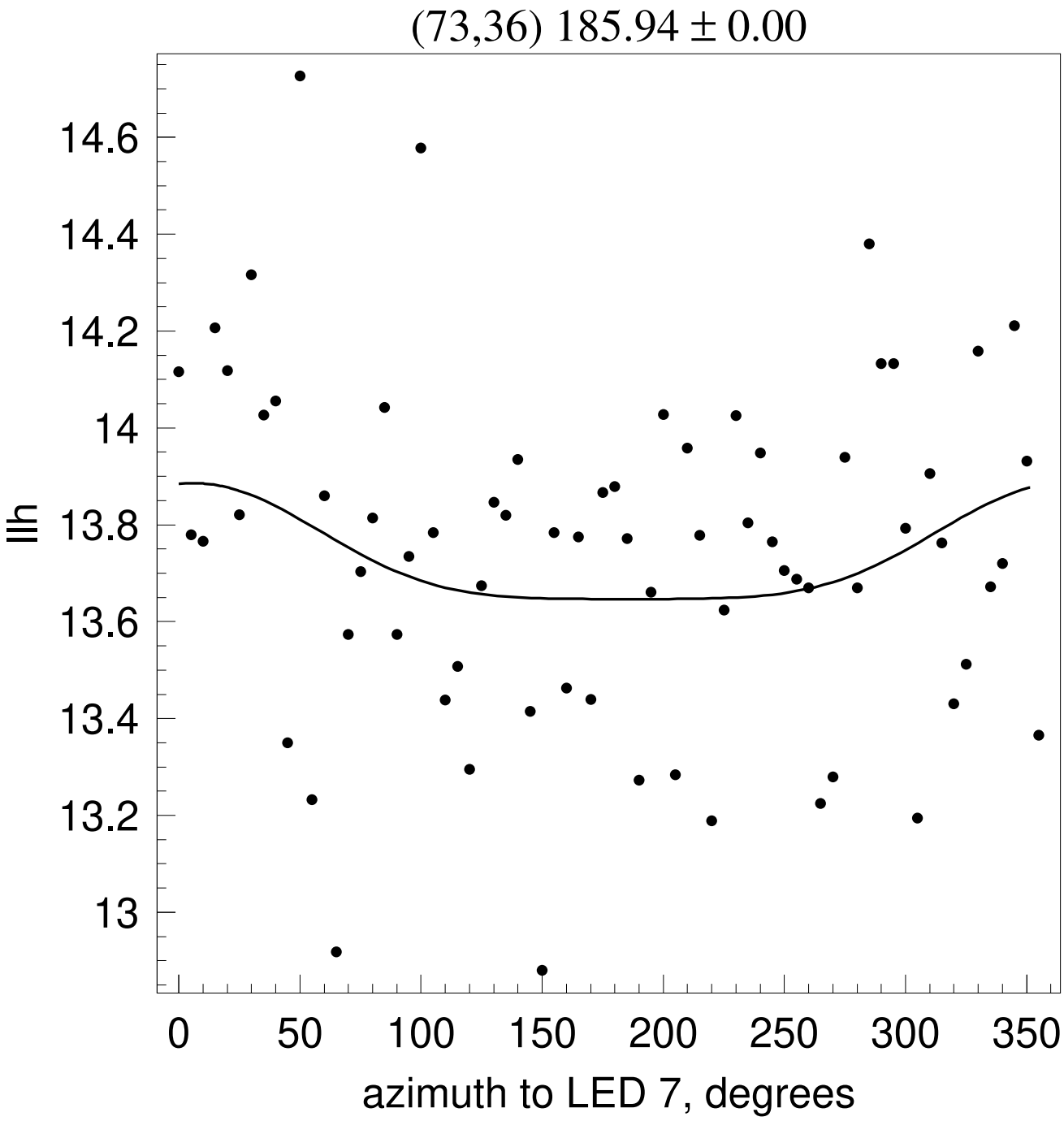

(73,31) 116.23 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

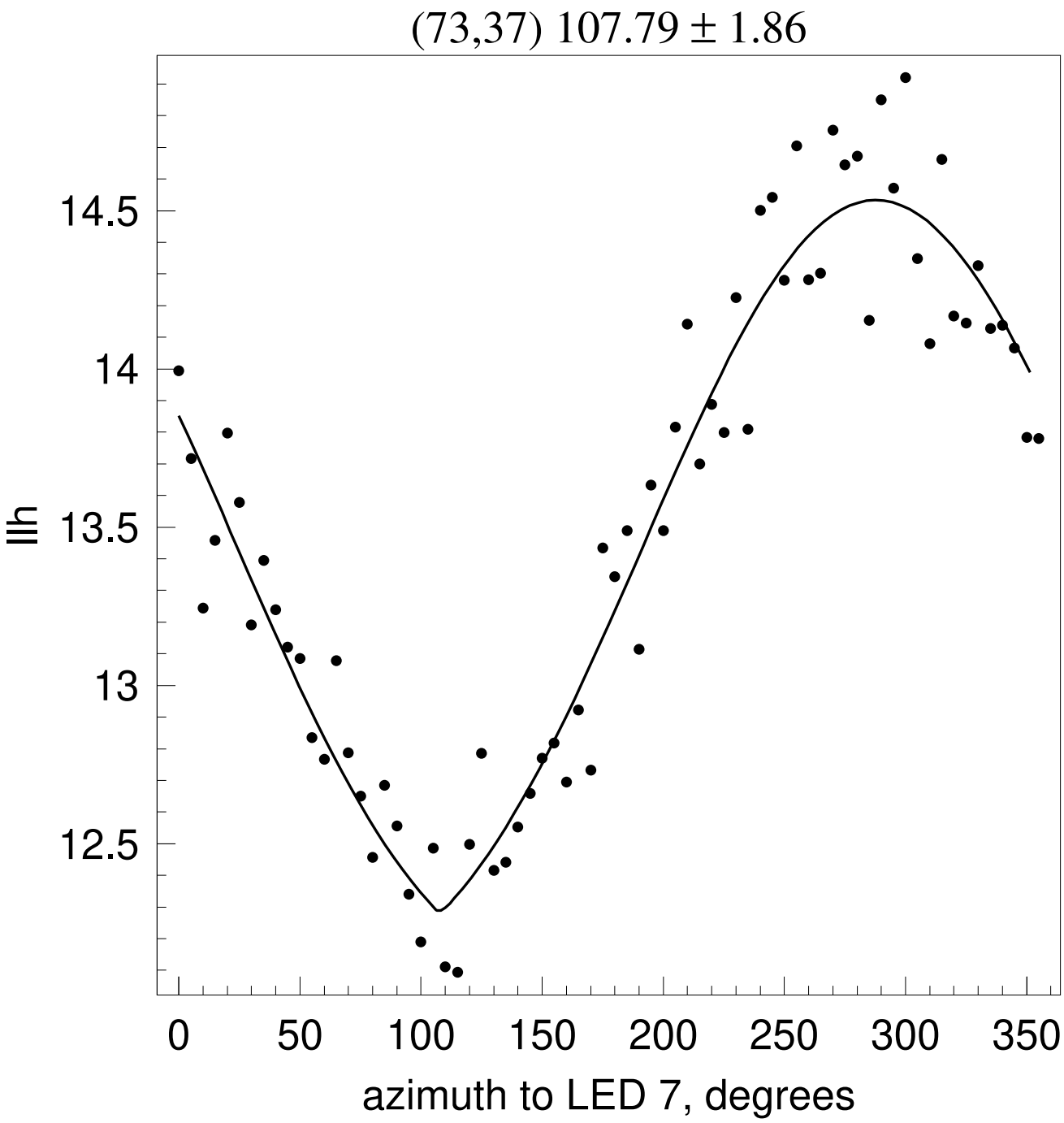

(73,32) 285.56 ± 0.18
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

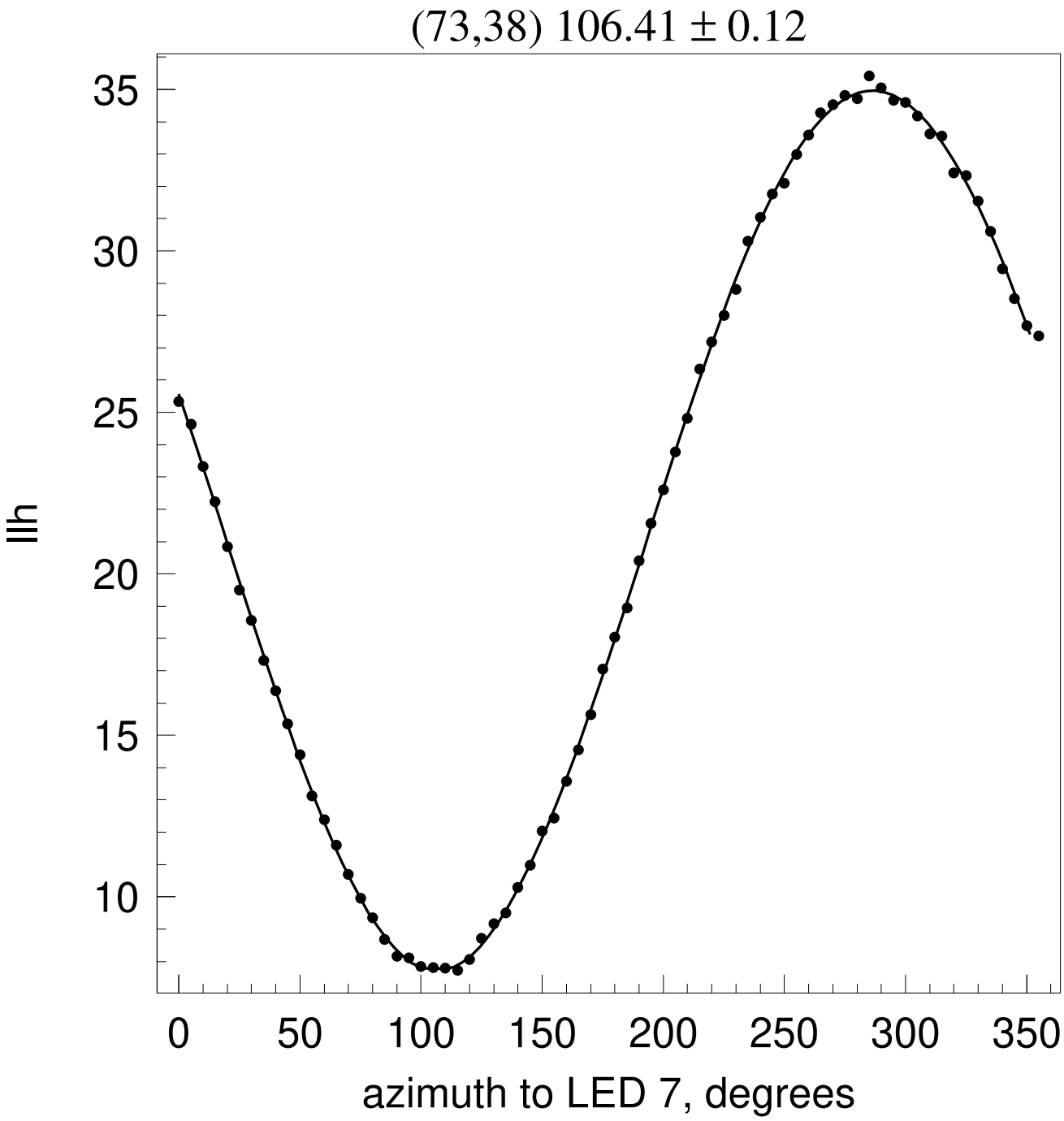

(73,33) 353.18 ± 1.57
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

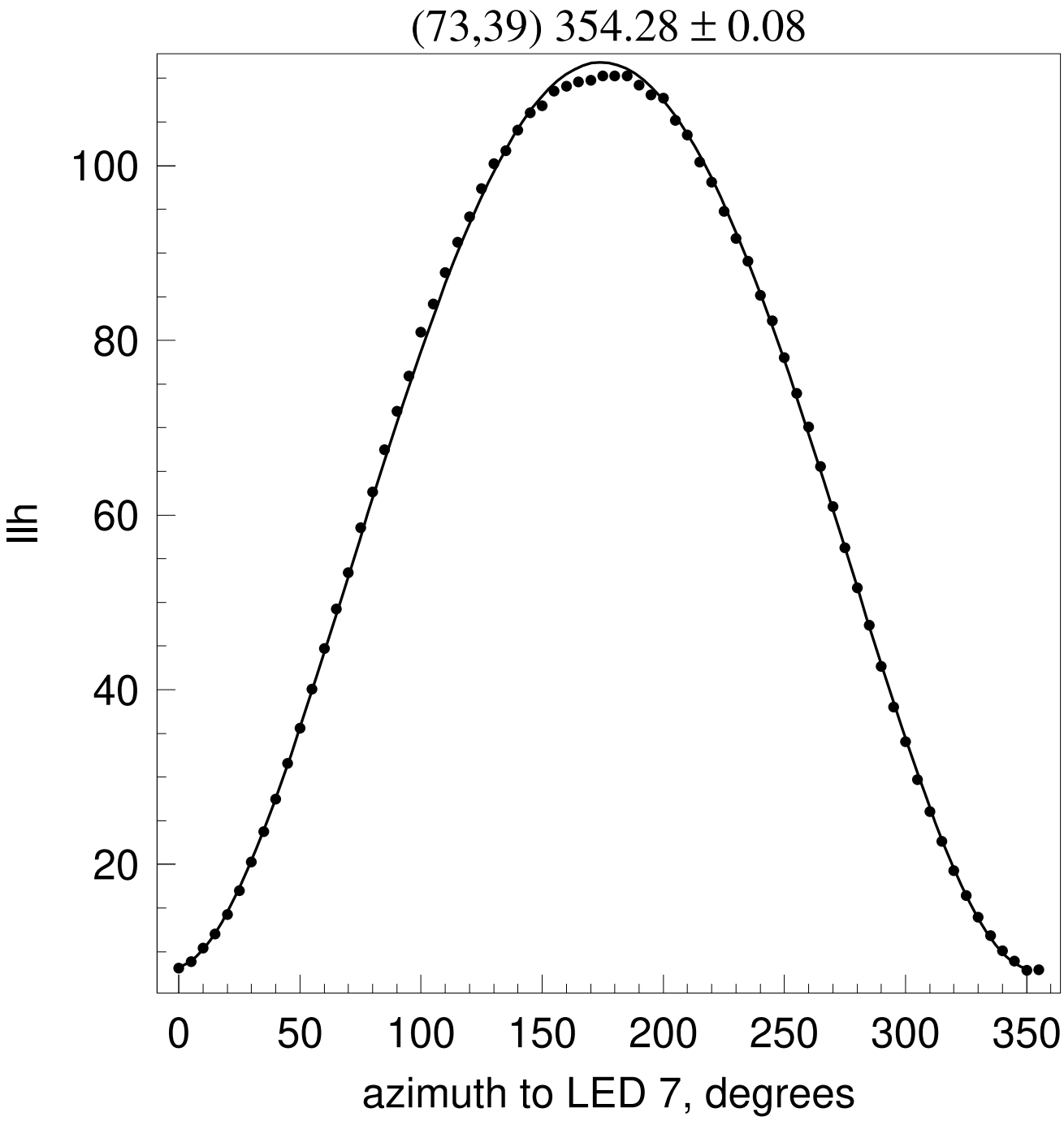

(73,34) 357.88 ± 5.91
14.6
14.4
14.2
14
13.8
13.6
13.4
13.2
13
12.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

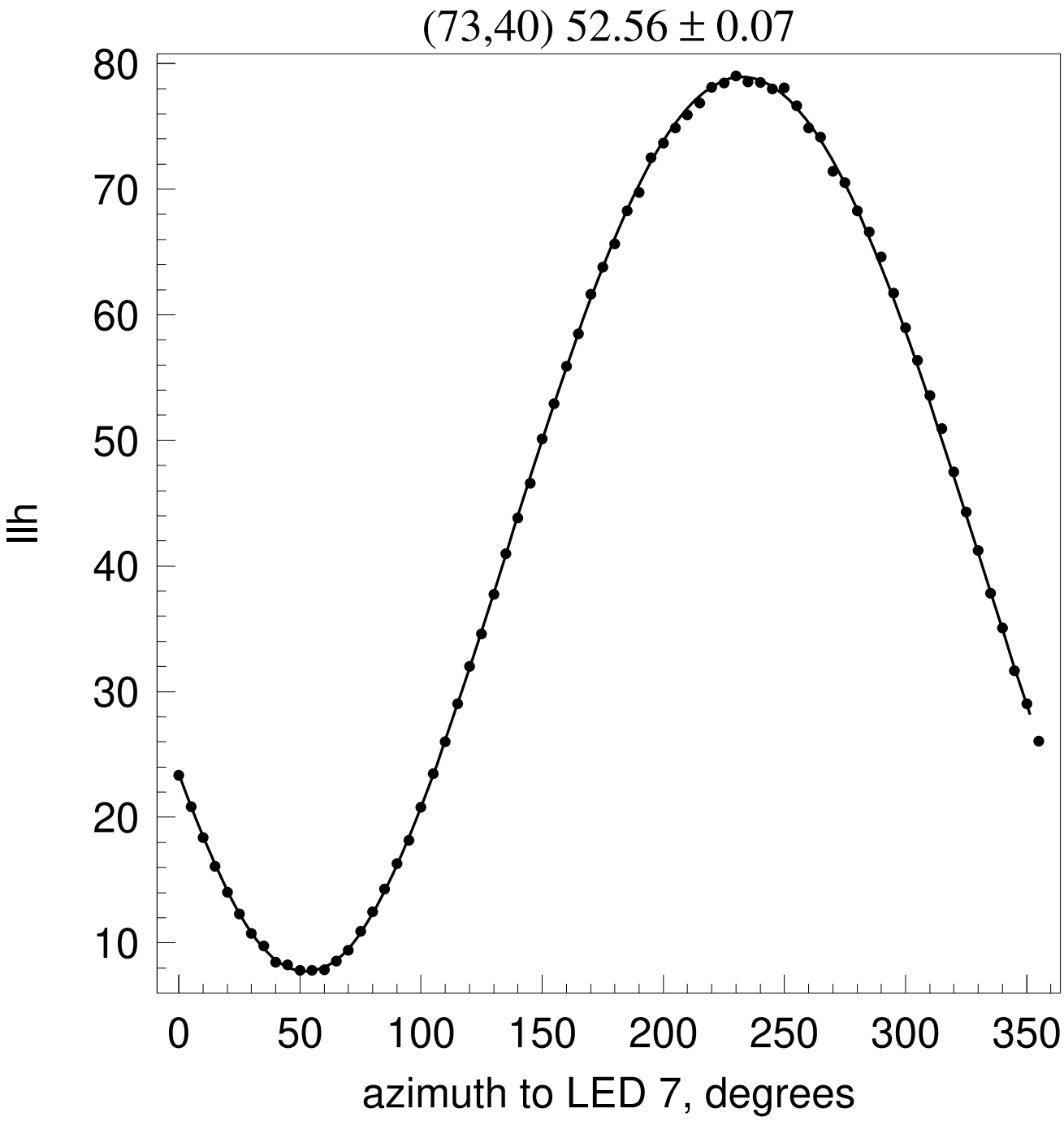

(73,35) 74.31 ± 296446.00
12.4
12.2
12
11.8
11.6
11.4
11.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

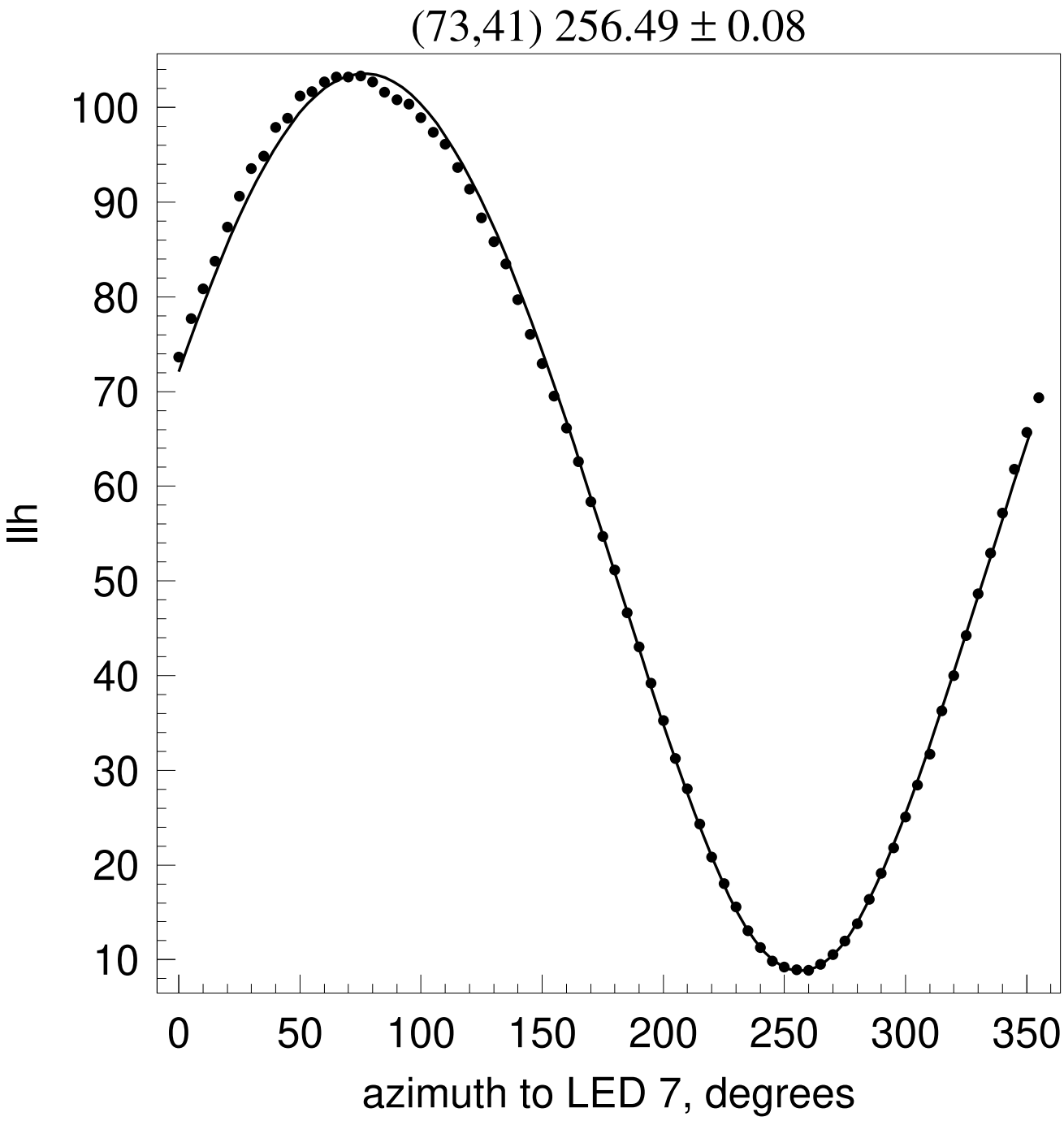

(73,36) 185.94 ± 0.00
14.6
14.4
14.2
14
13.8
13.6
13.4
13.2
13
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

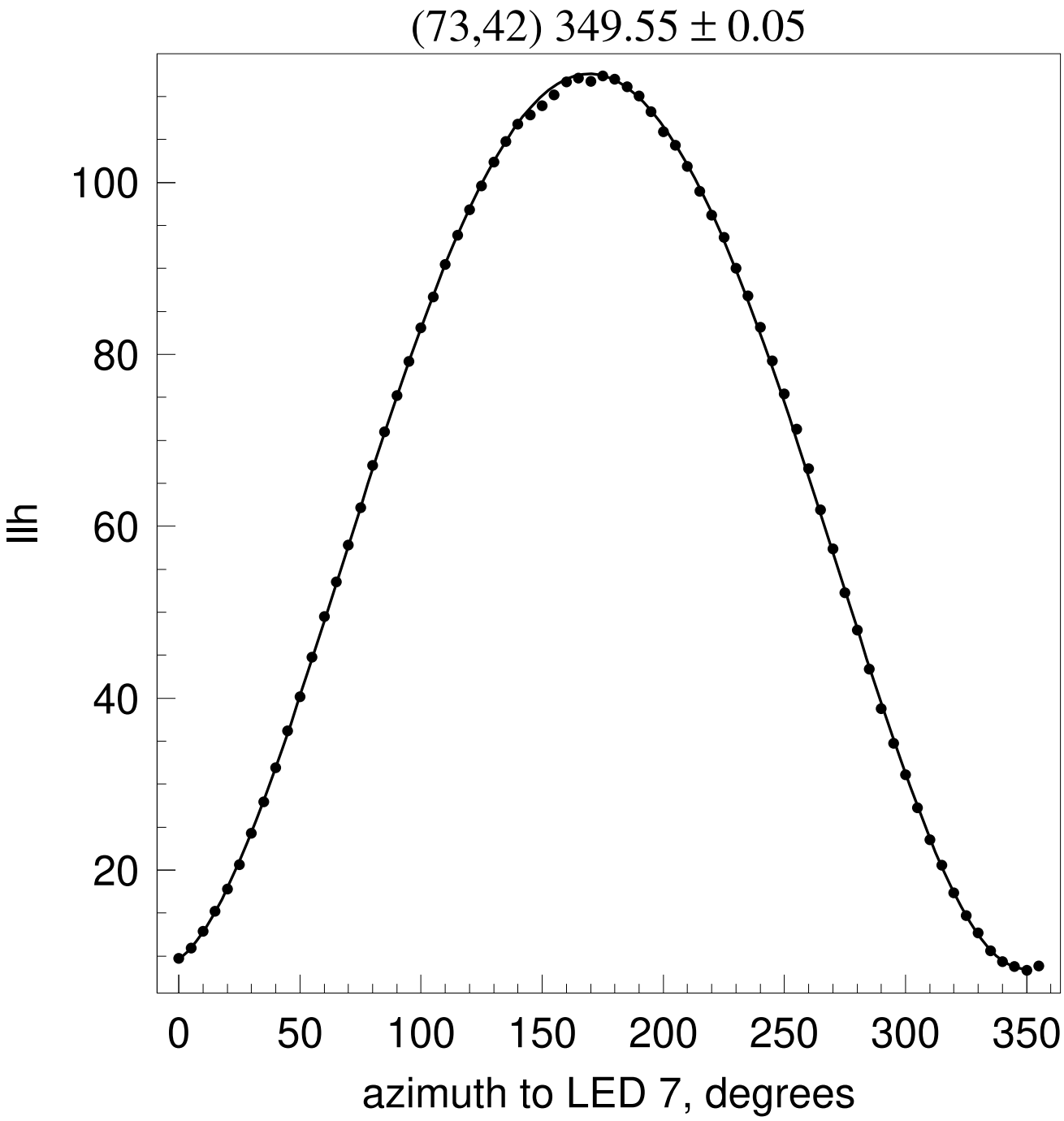

(73,37) 107.79 ± 1.86
14.5
14
13.5
13
12.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

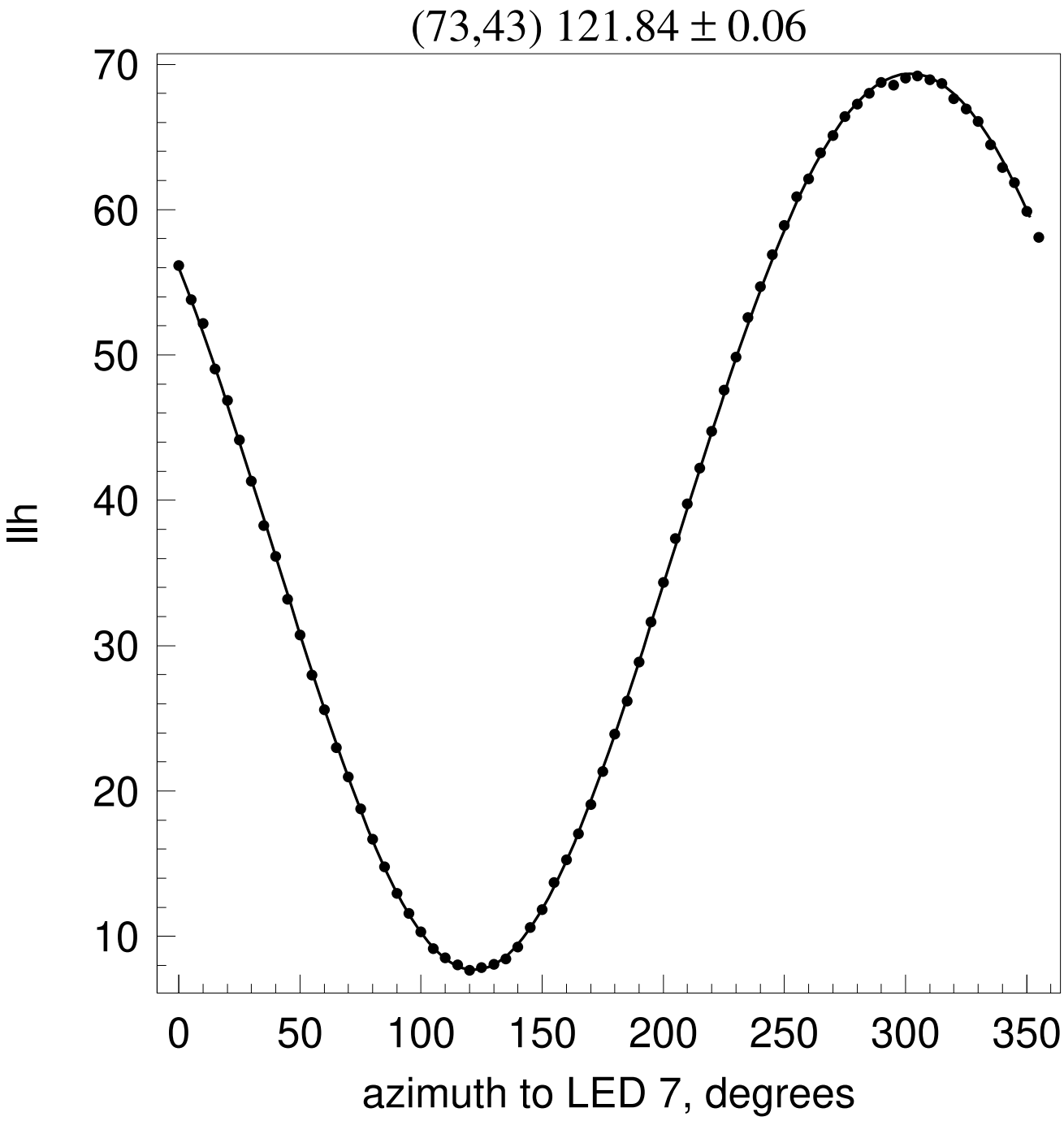

(73,38) 106.41 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

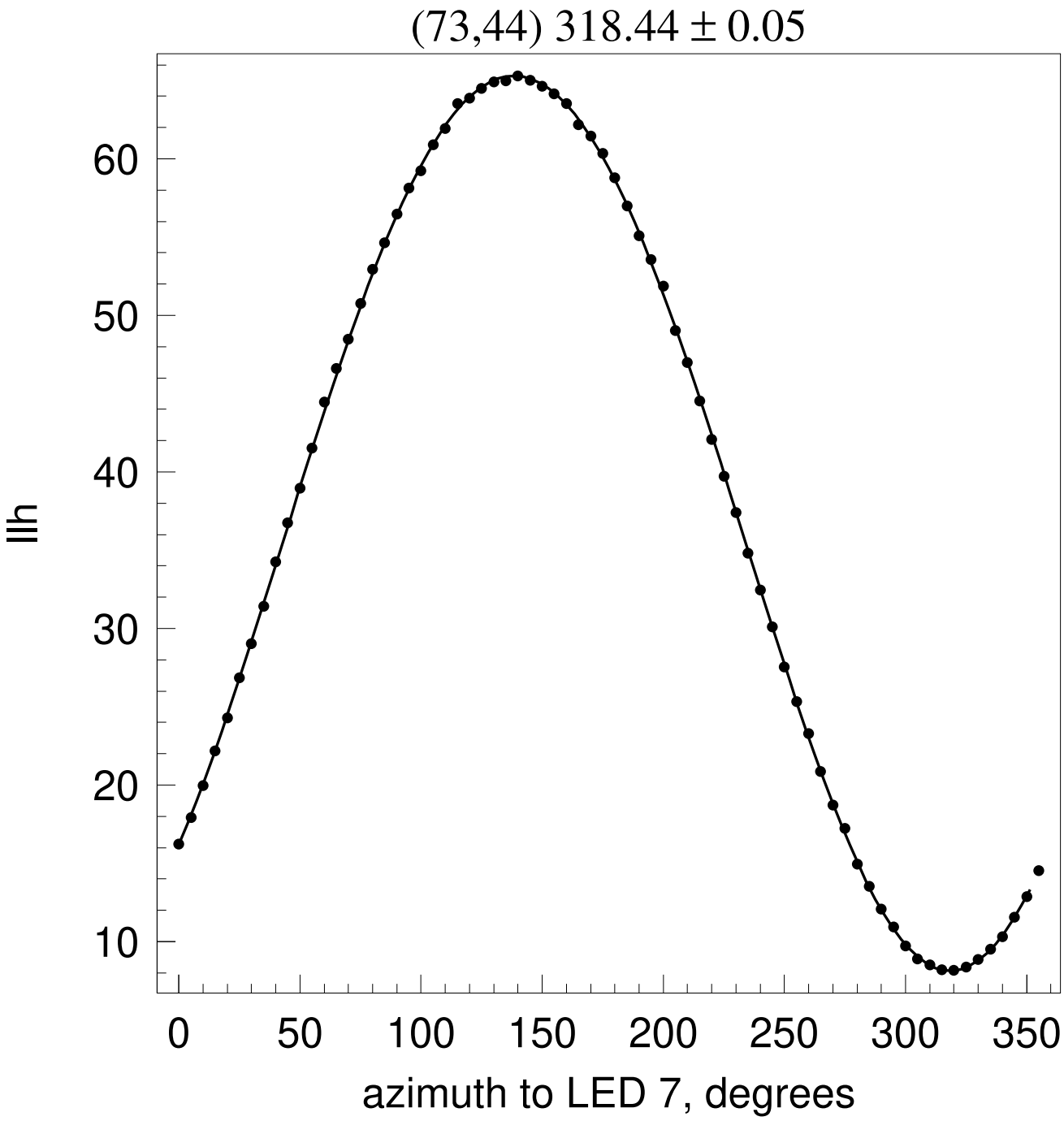

(73,39) 354.28 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

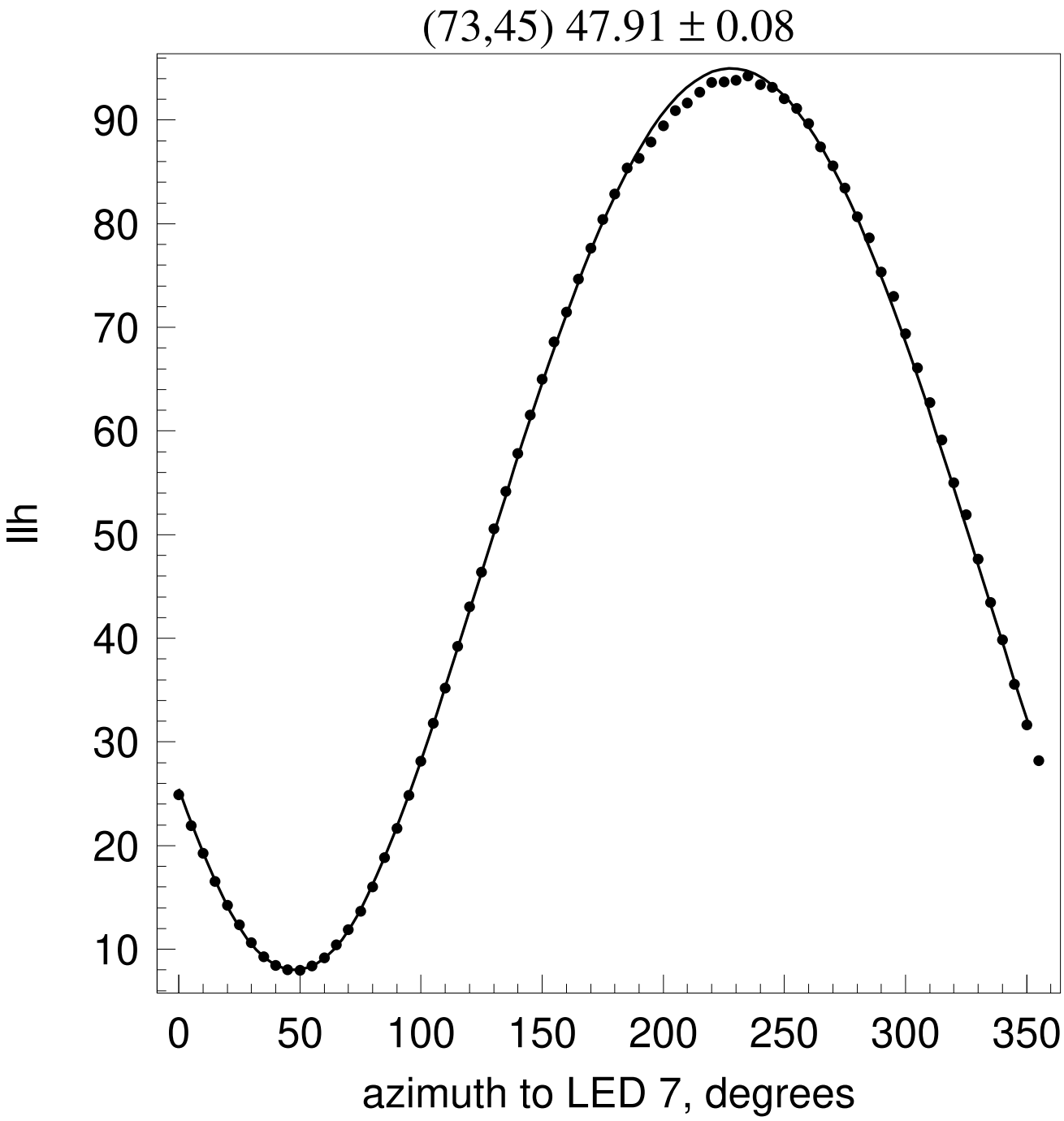

(73,40) 52.56 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

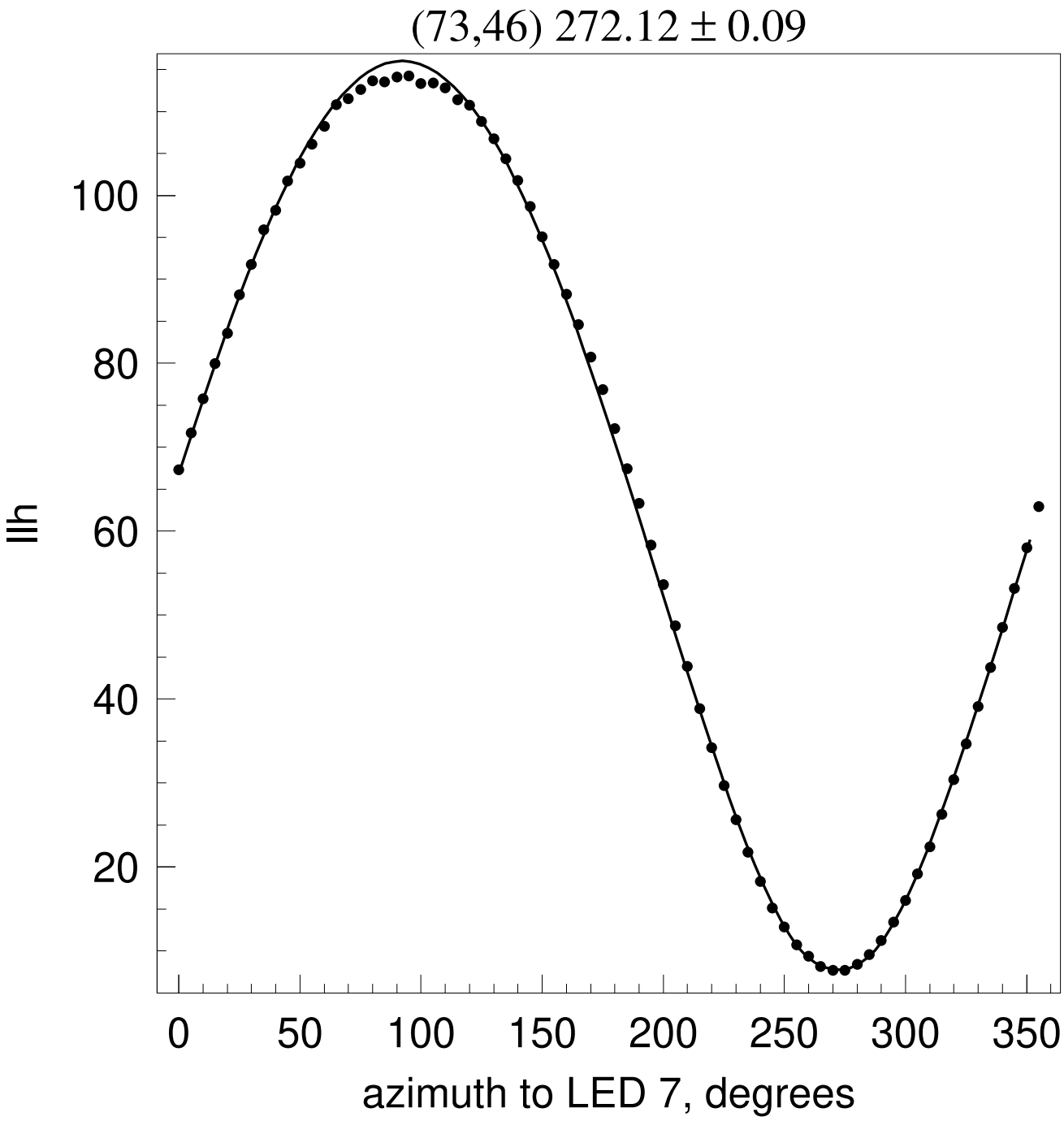

(73,41) 256.49 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

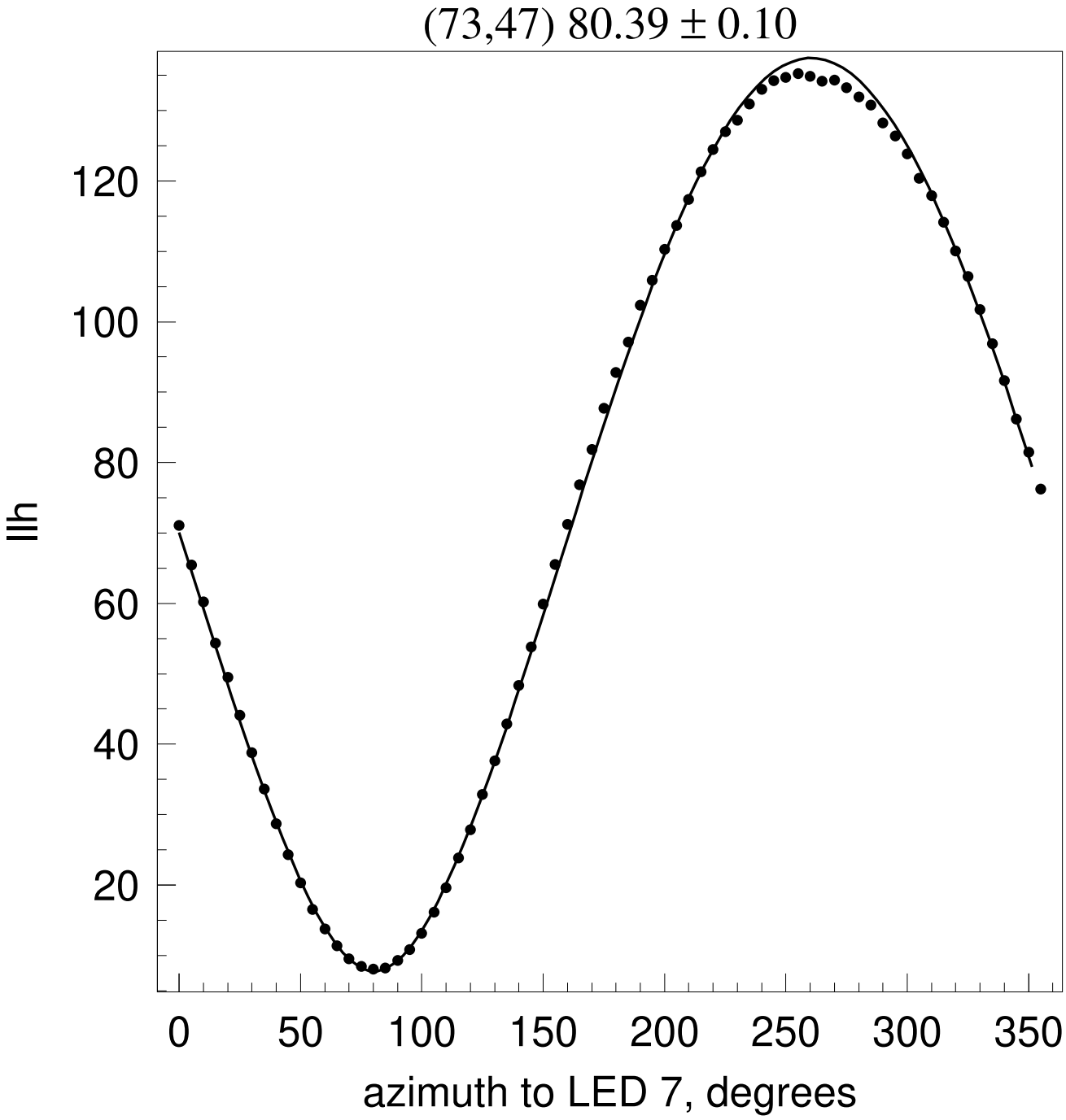

(73,42) 349.55 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

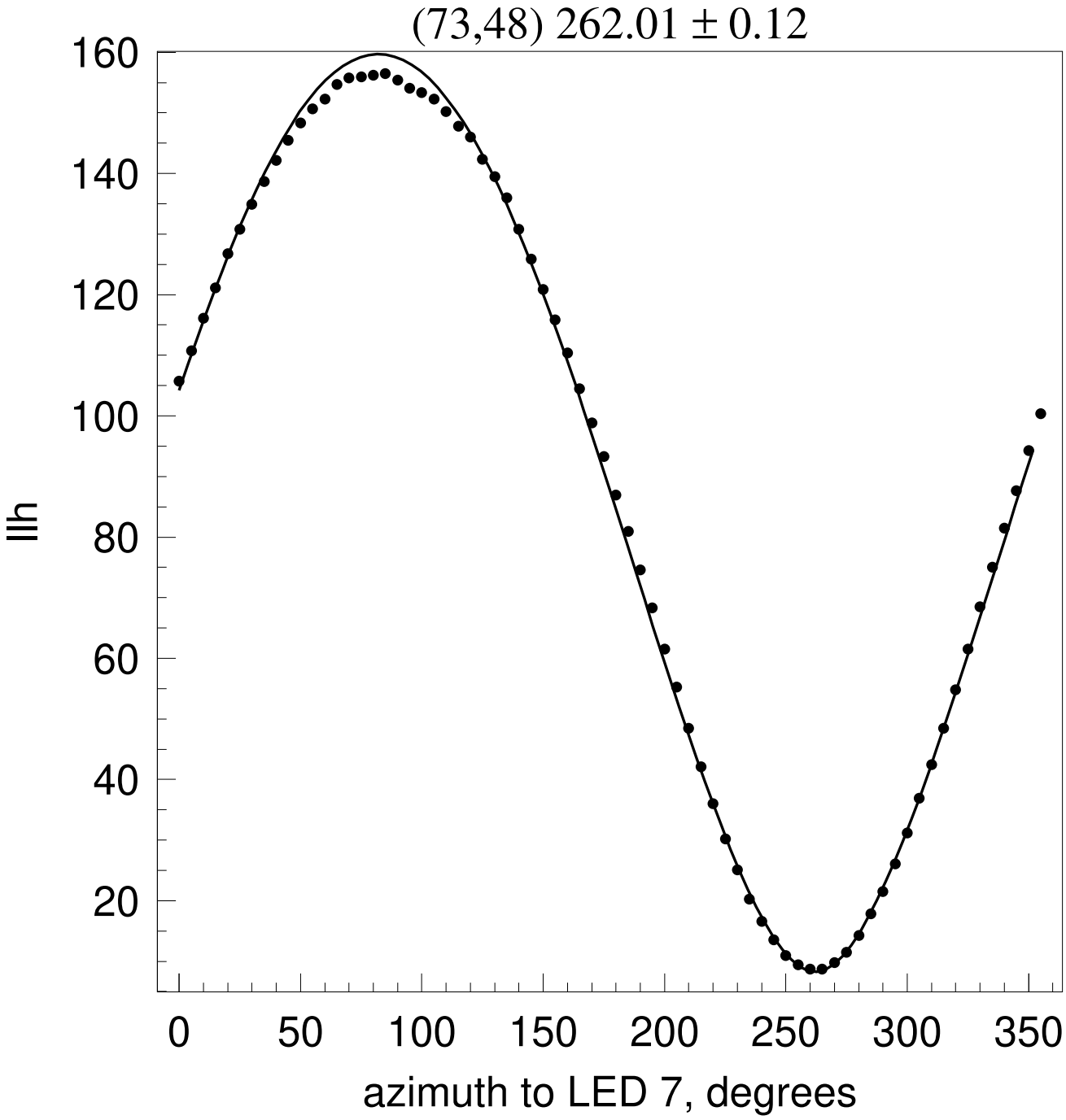

(73,43) 121.84 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

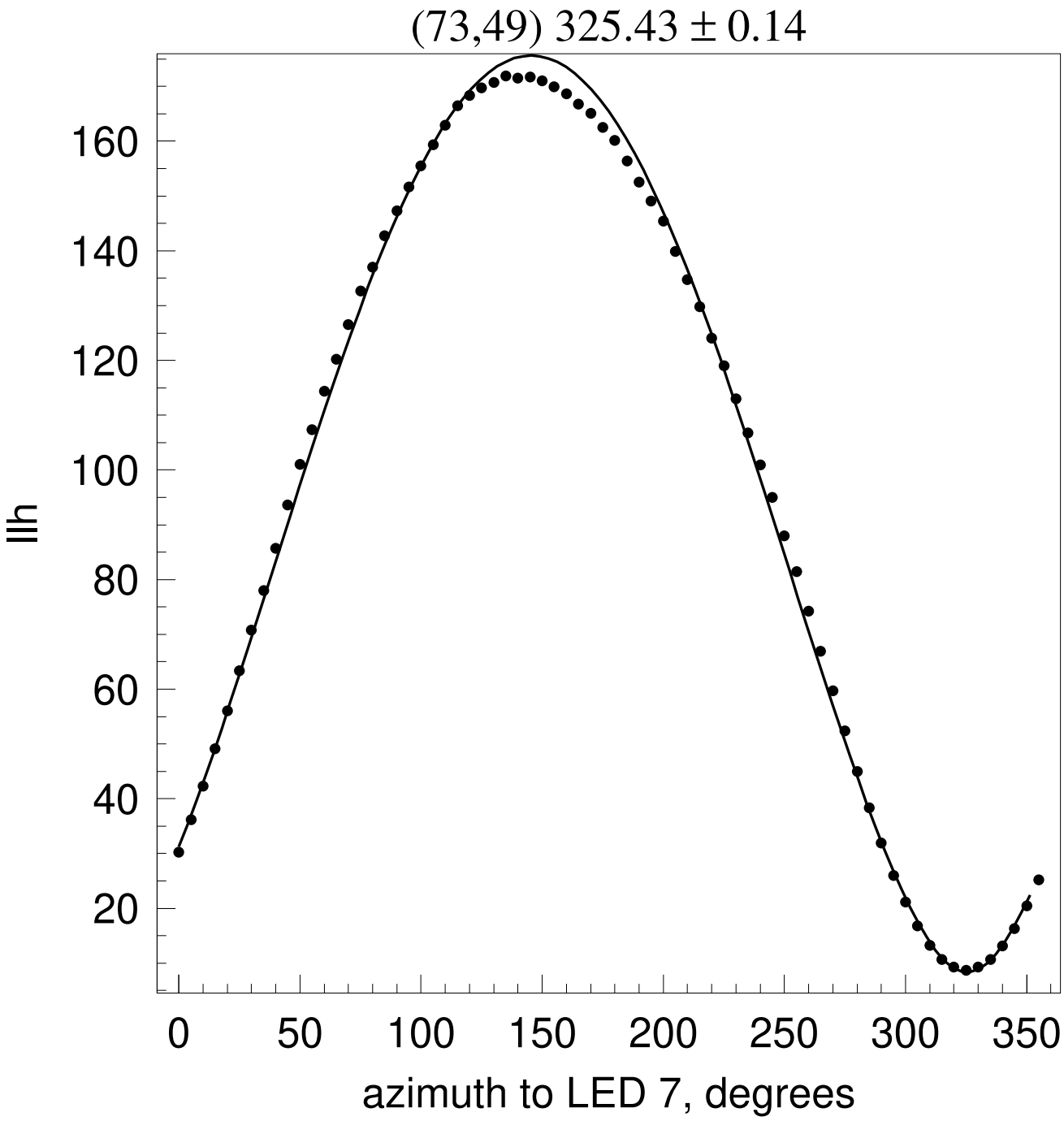

(73,44) 318.44 ± 0.05
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

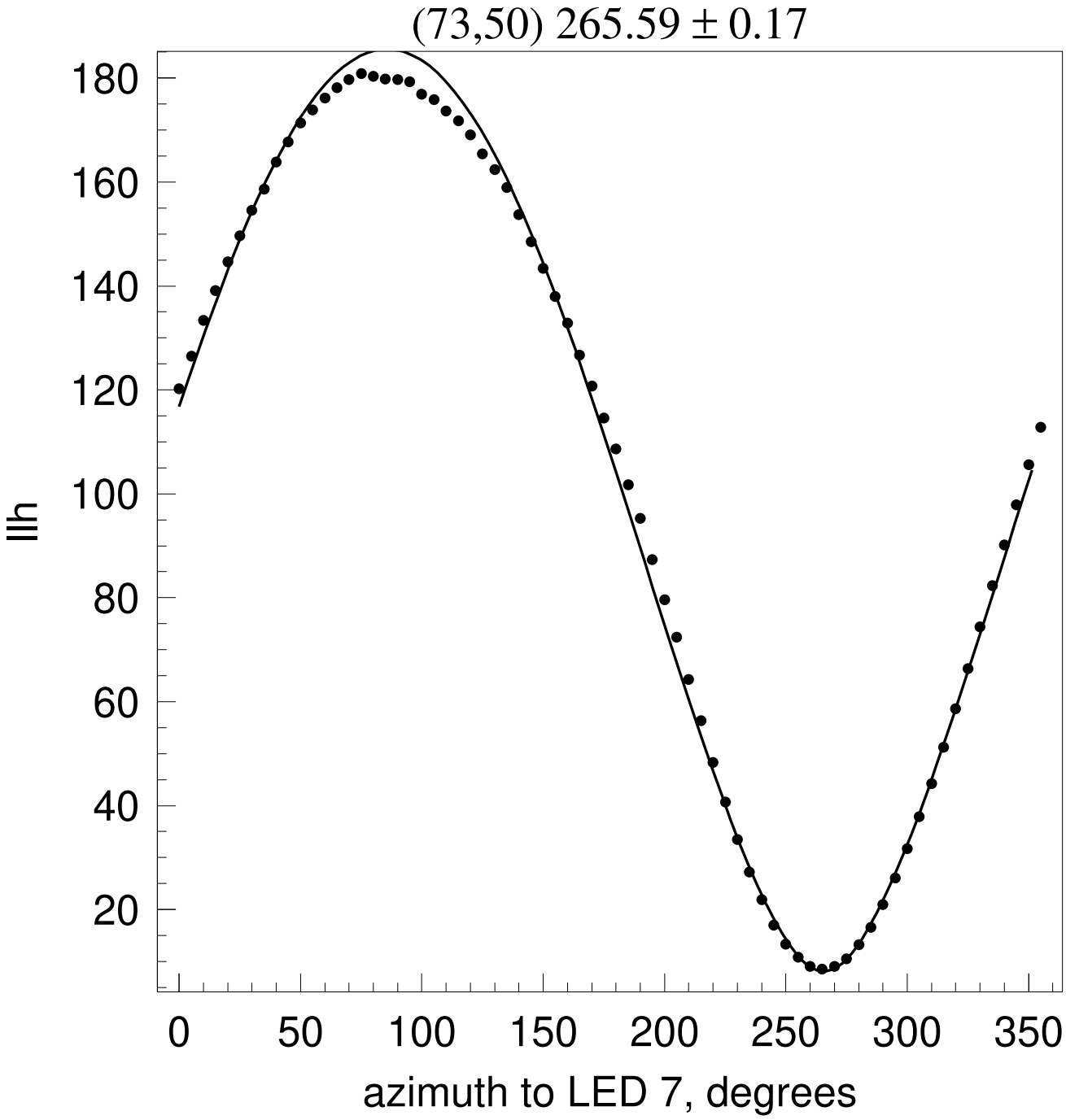

(73,45) 47.91 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

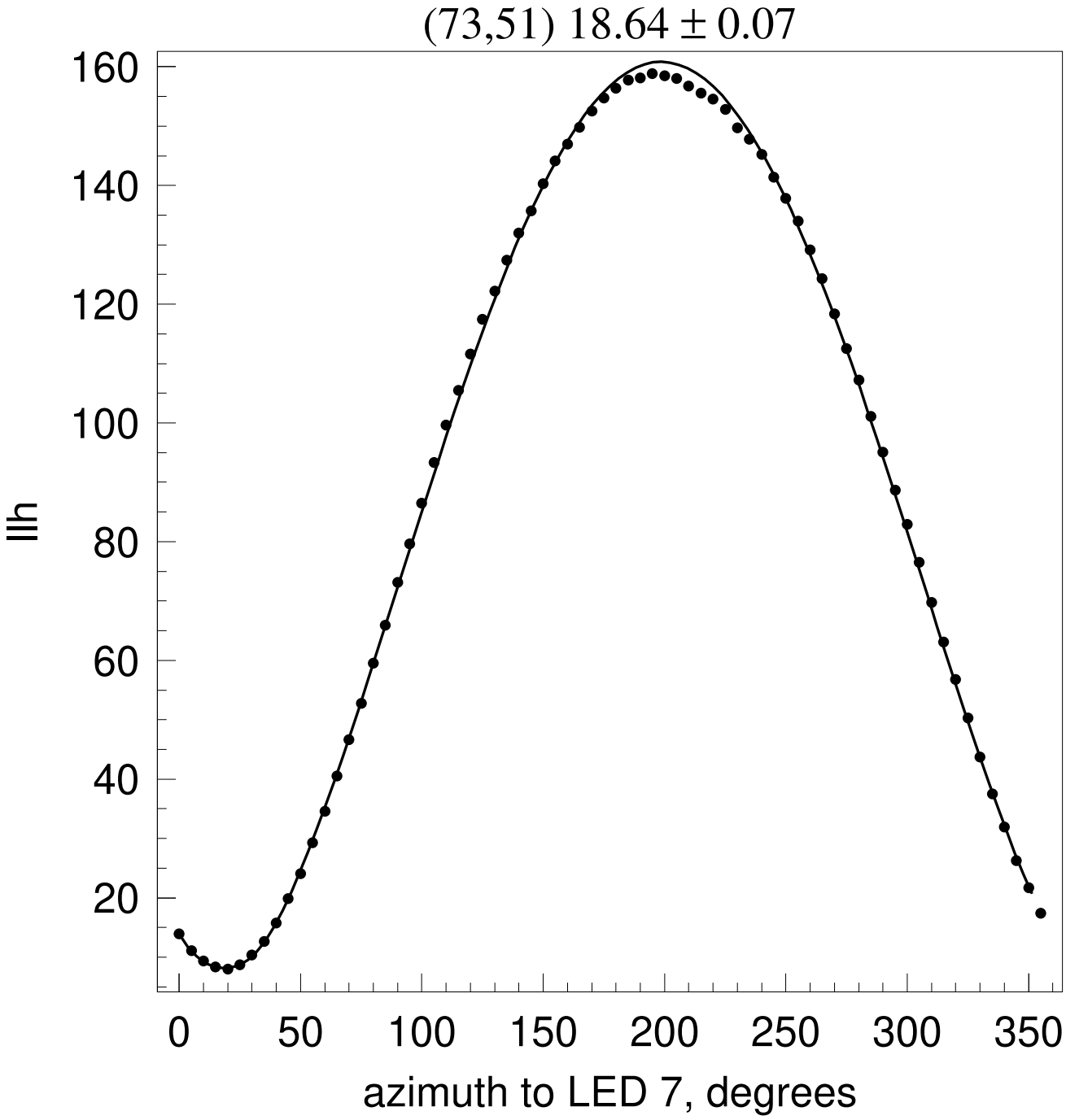

(73,46) 272.12 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

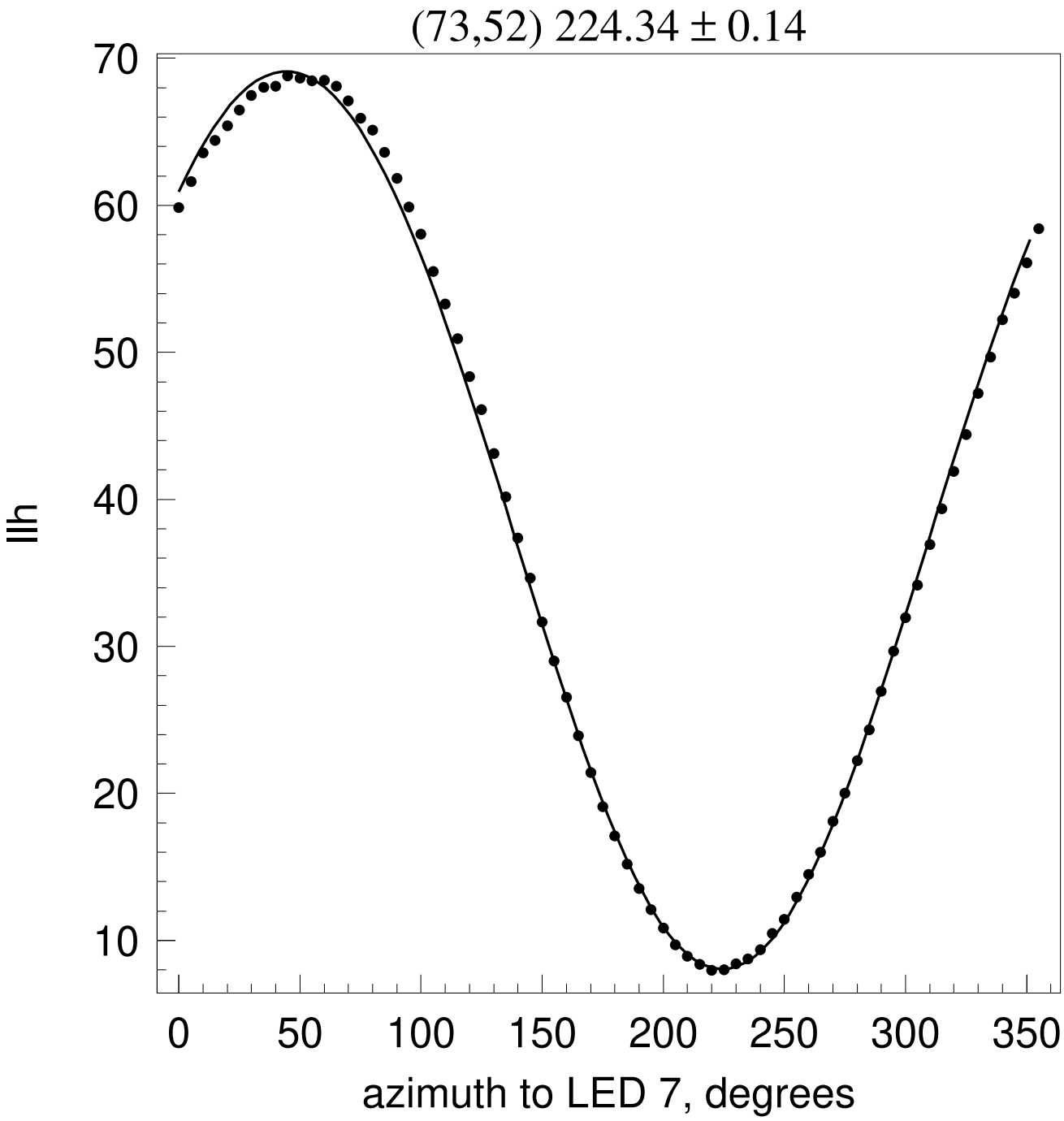

(73,47) 80.39 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

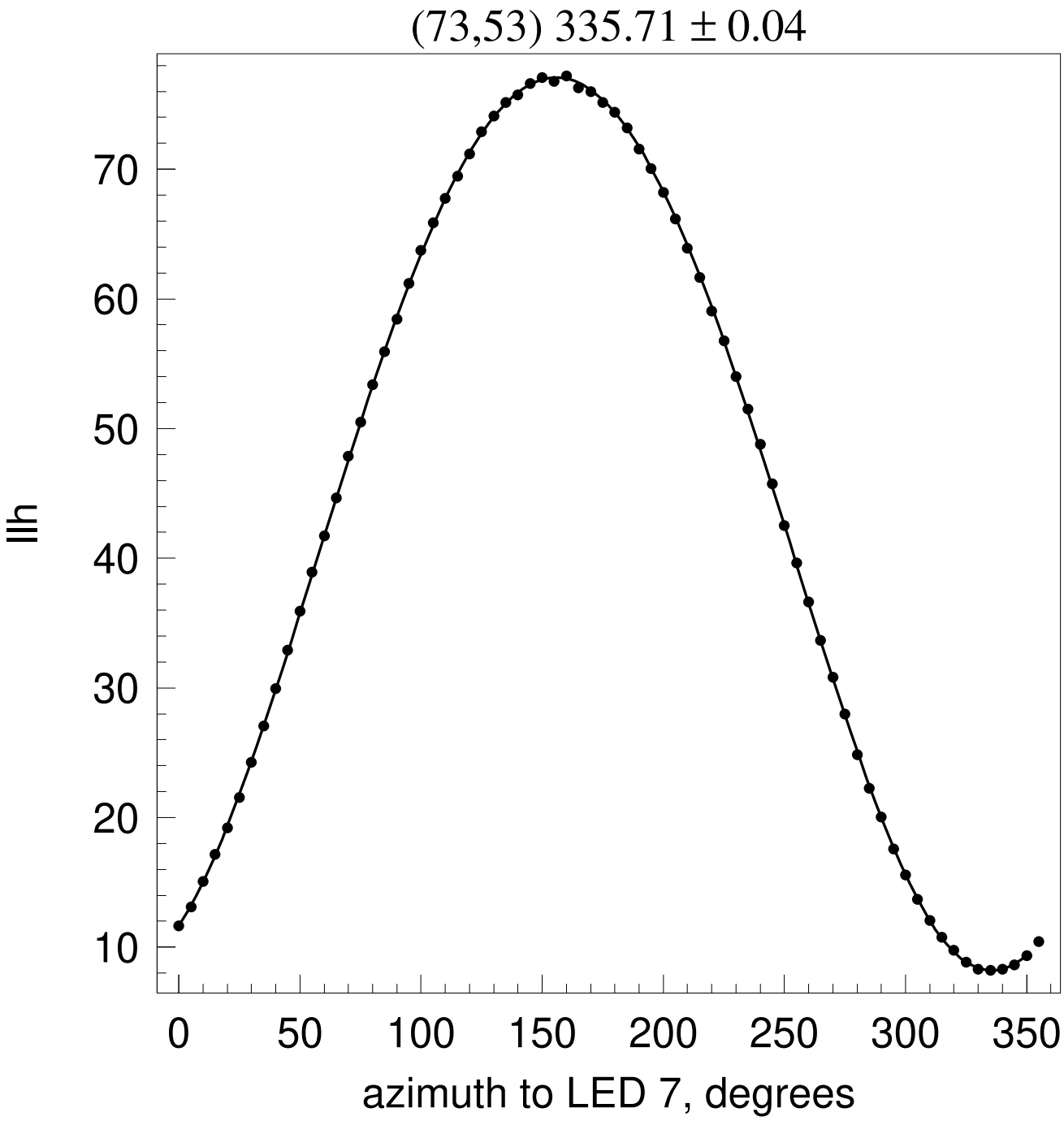

(73,48) 262.01 ± 0.12
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

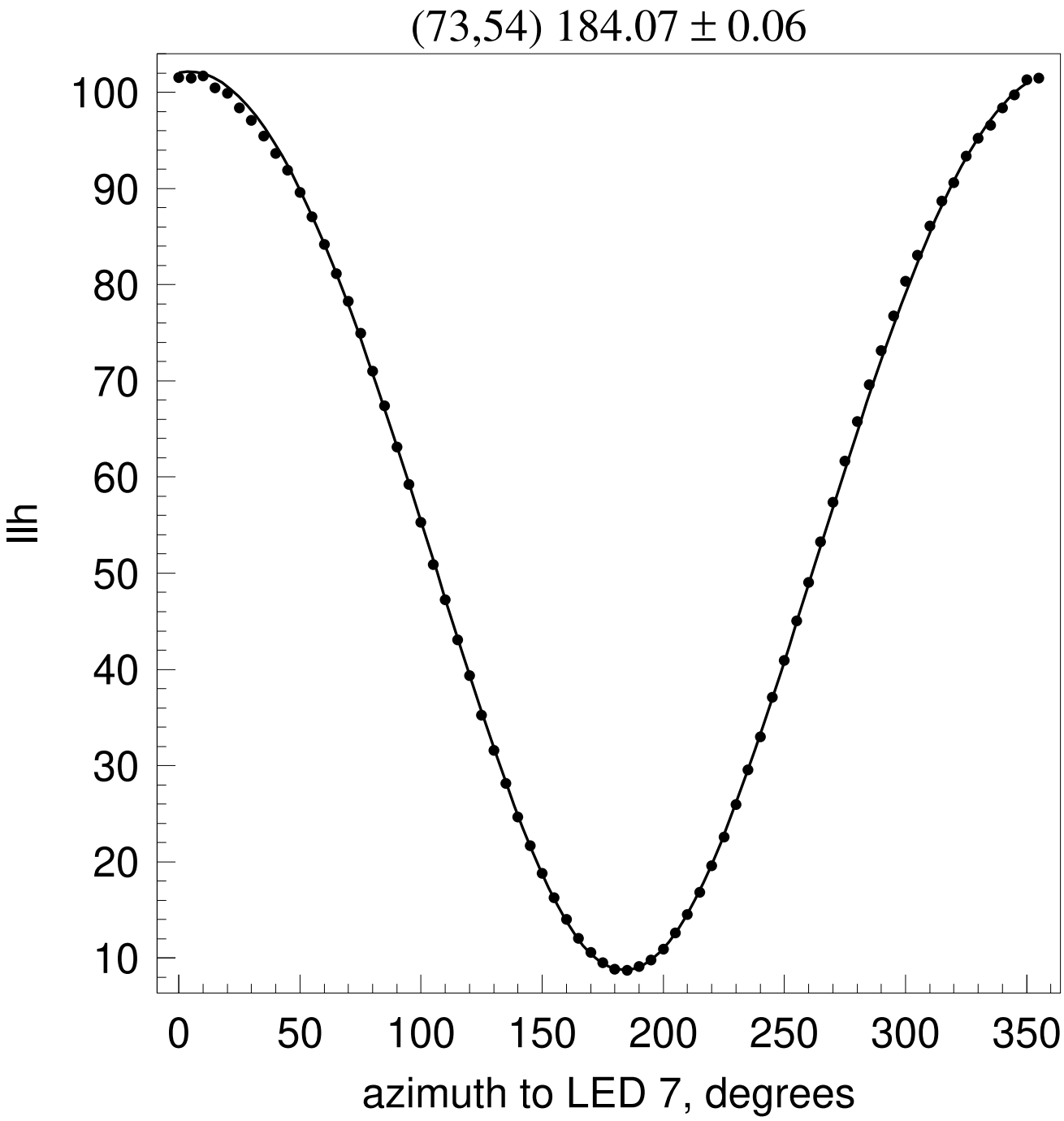

(73,49) 325.43 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

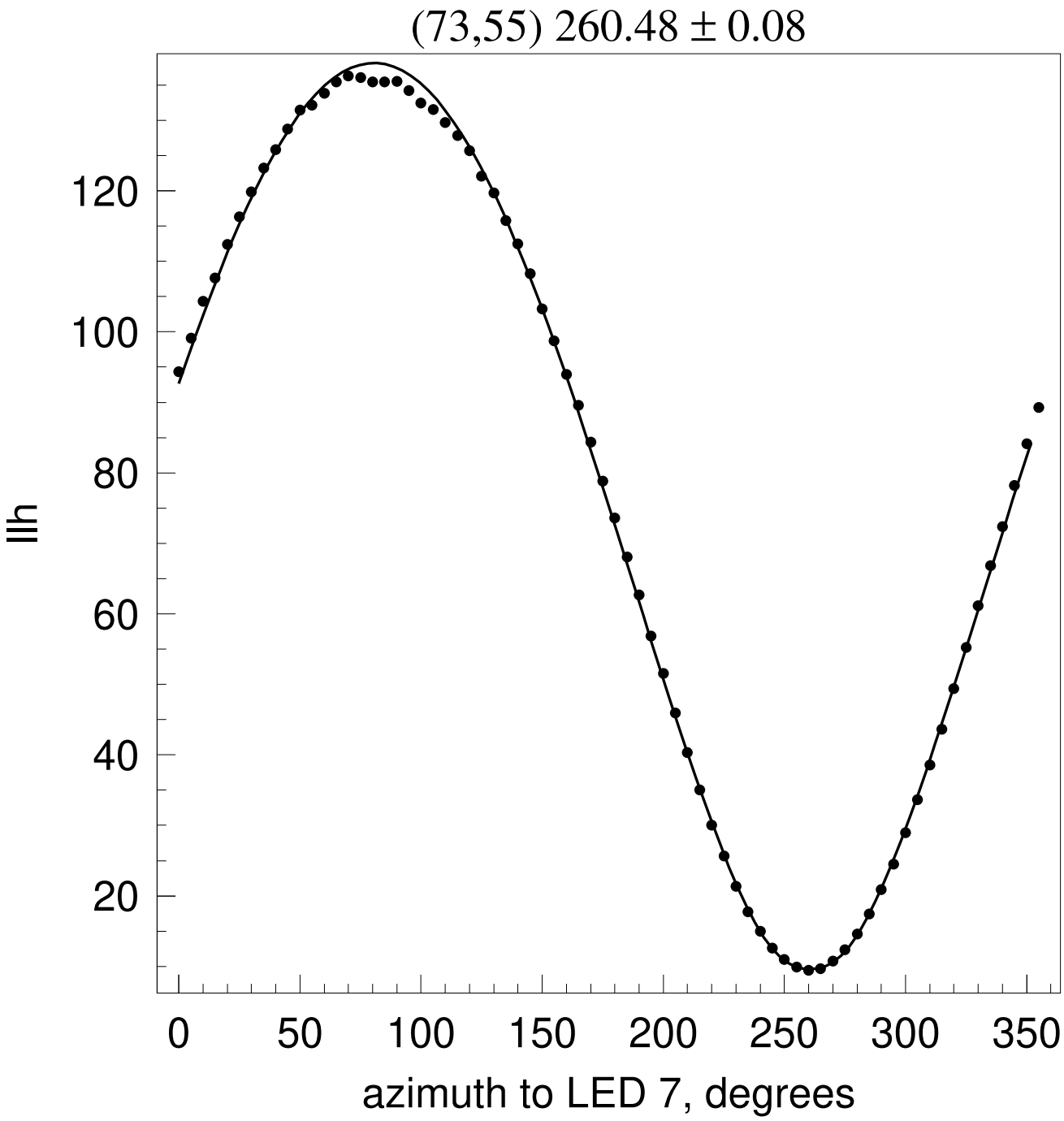

(73,50) 265.59 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

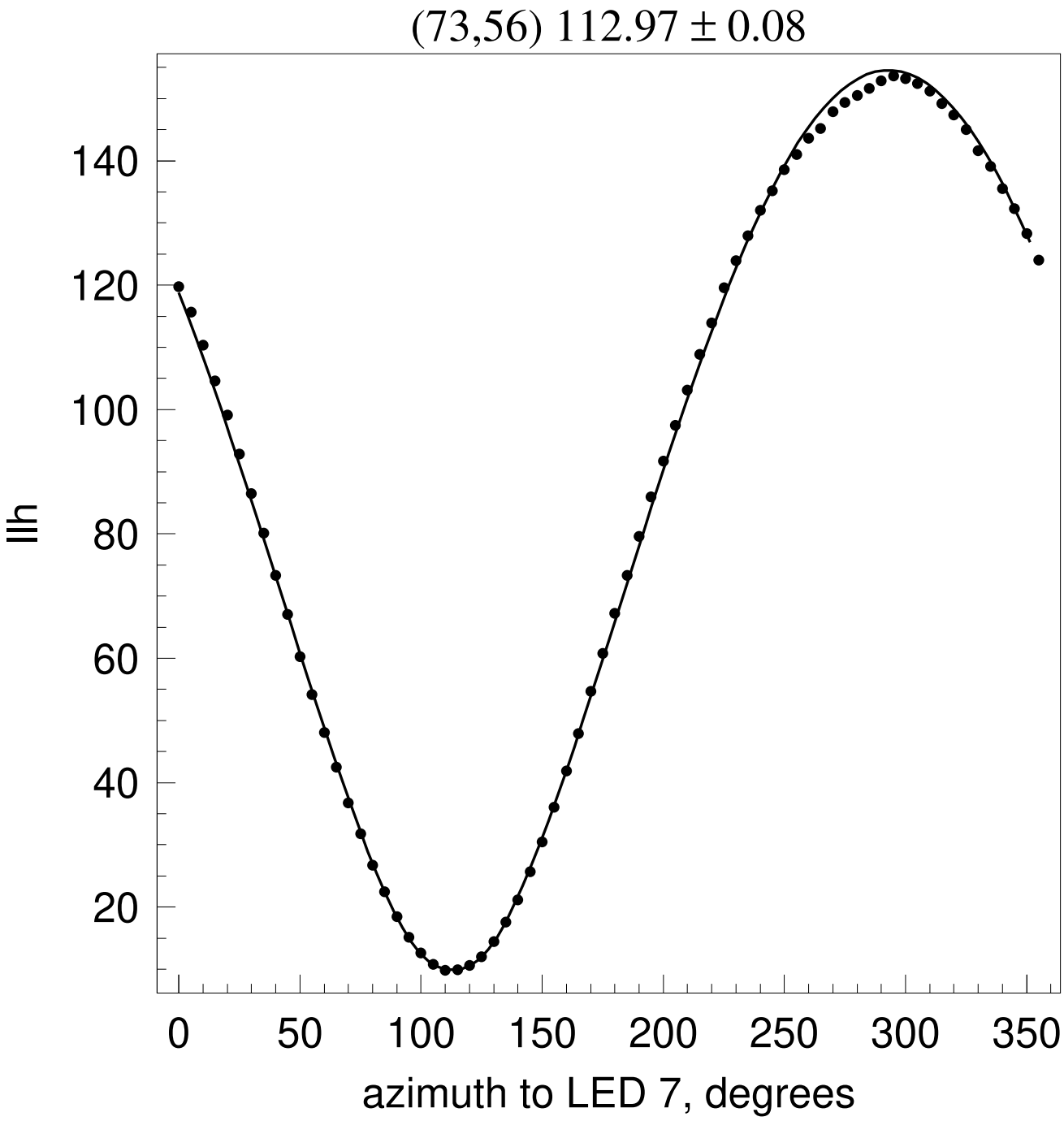

(73,51) 18.64 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

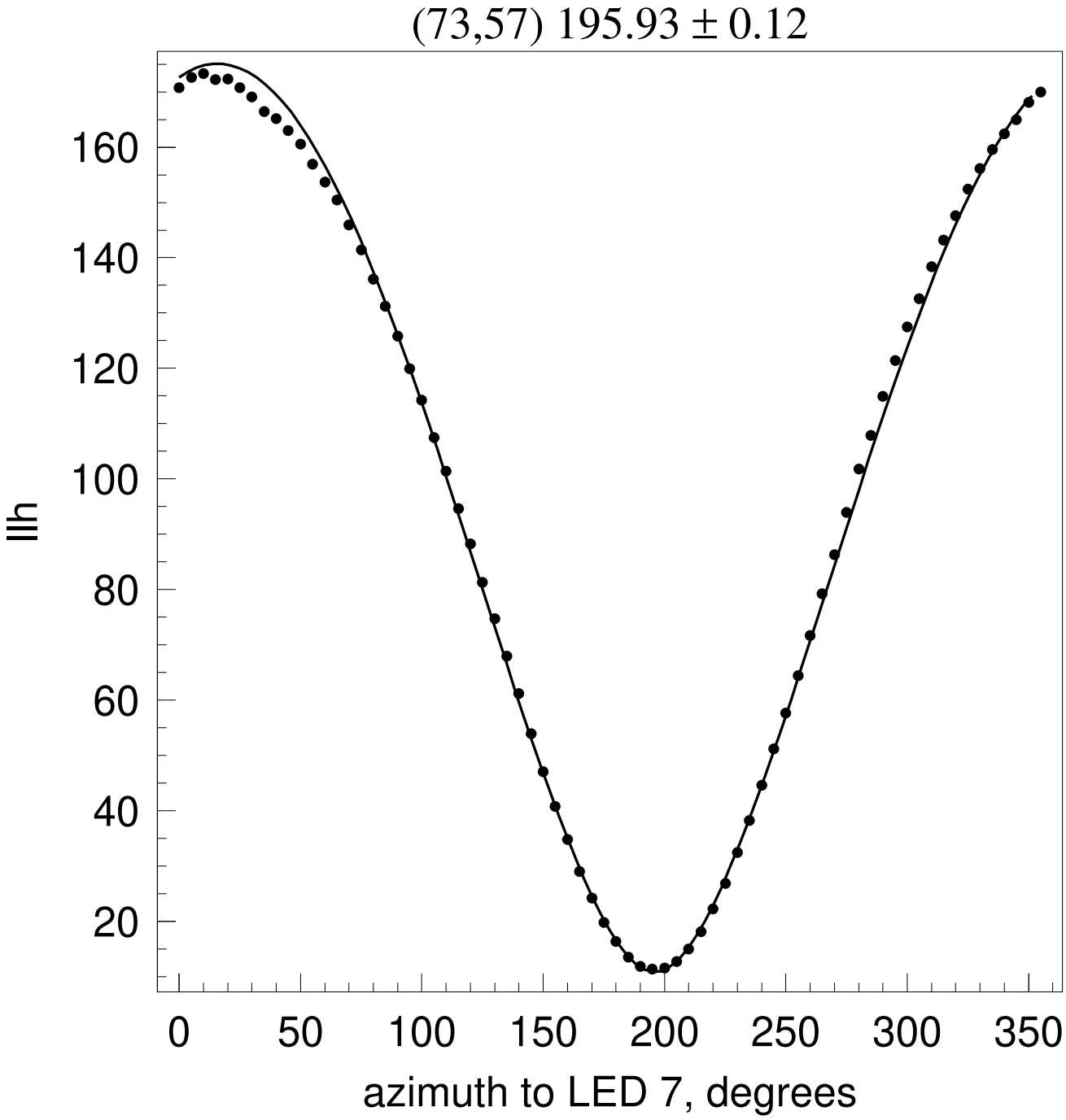

(73,52) 224.34 ± 0.14
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

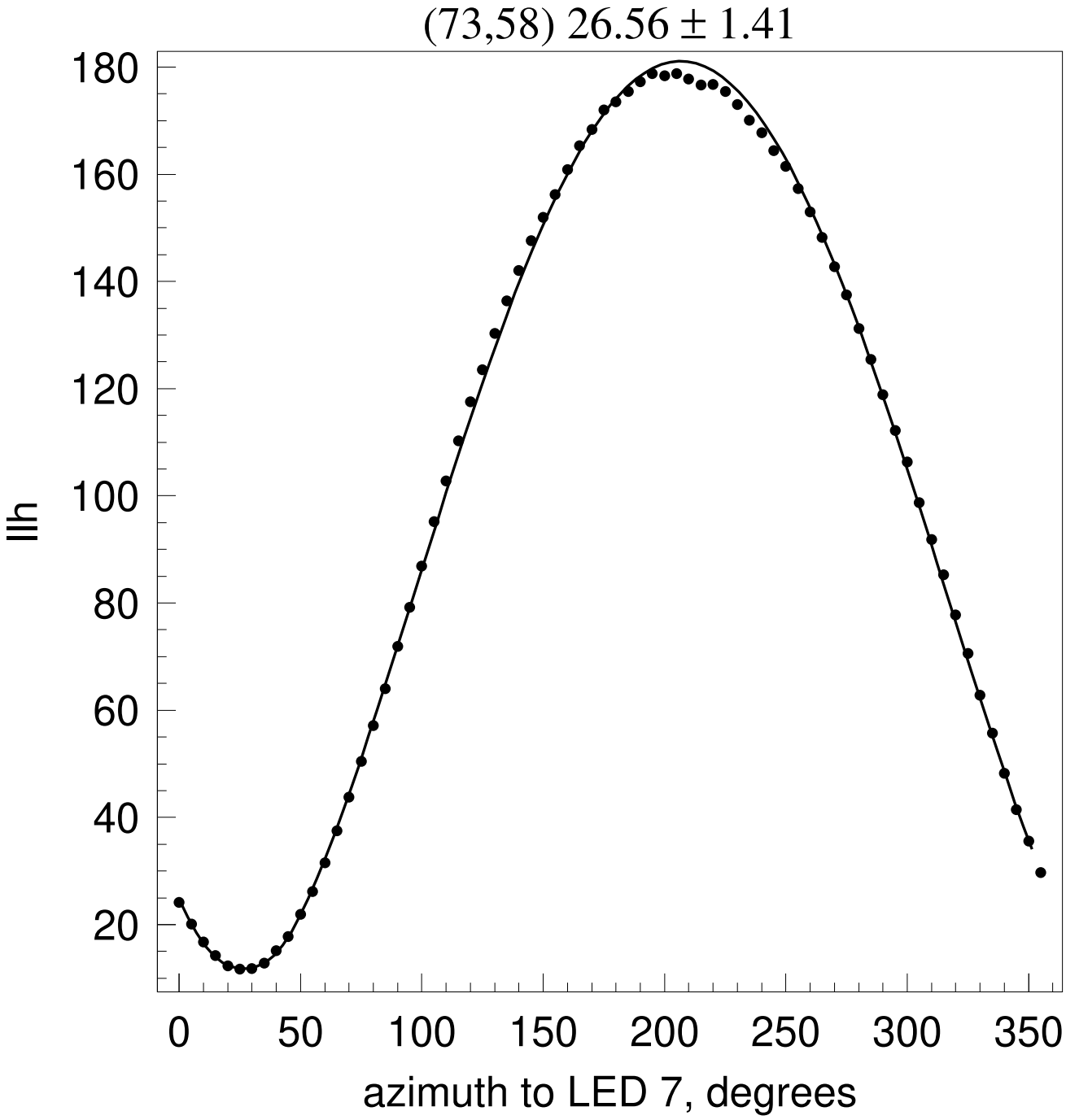

(73,53) 335.71 ± 0.04
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

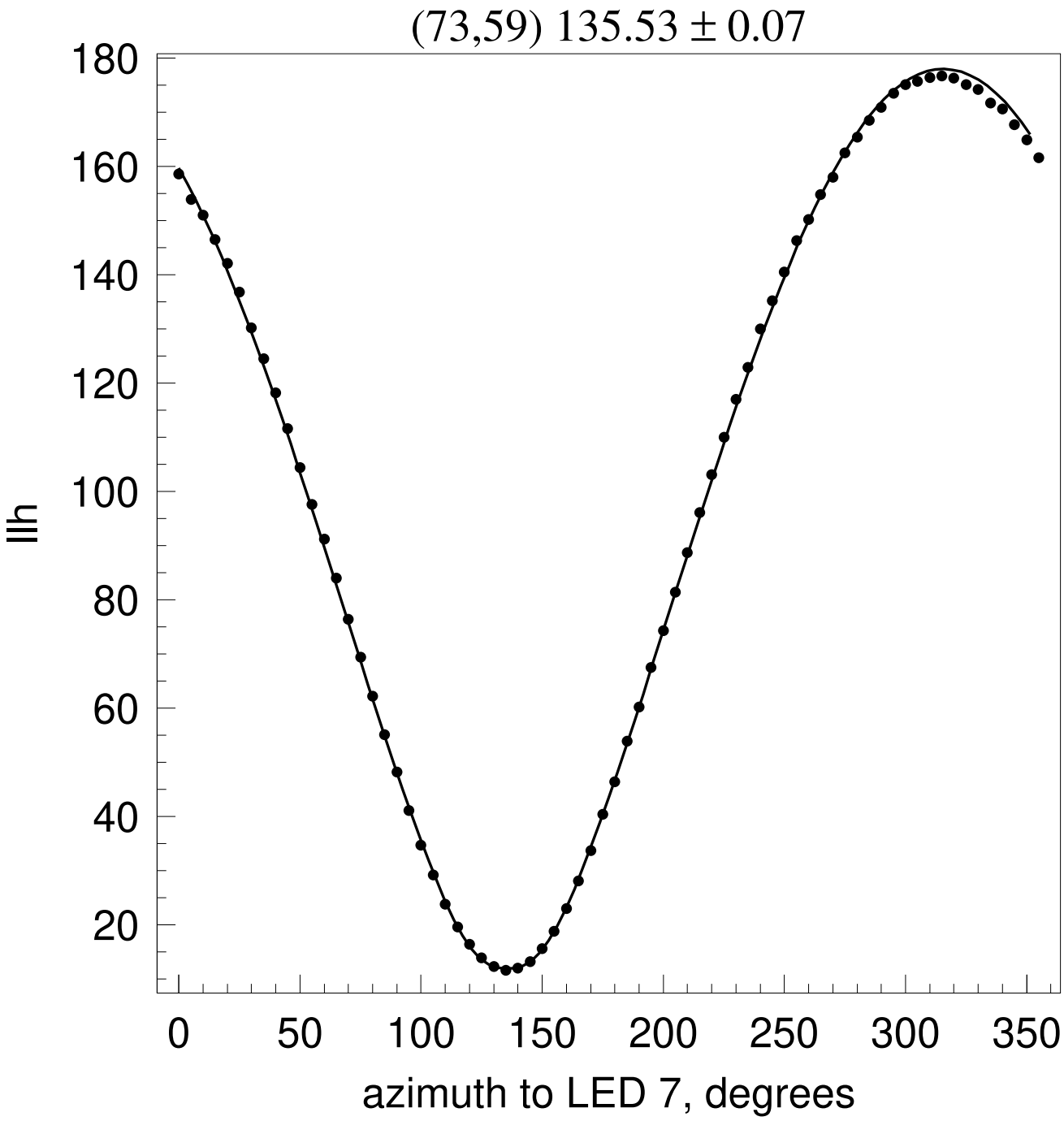

(73,54) 184.07 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

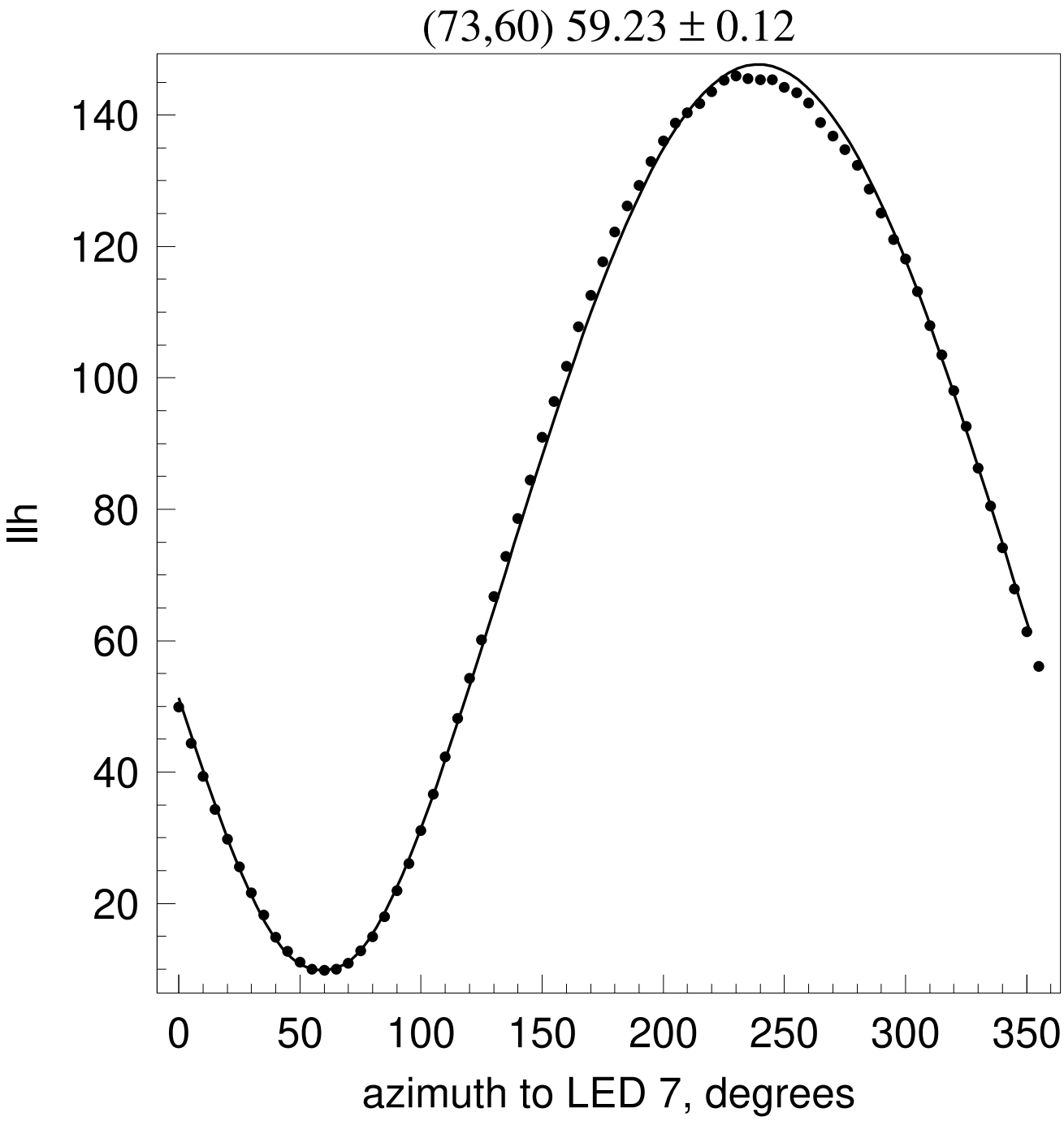

(73,55) 260.48 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

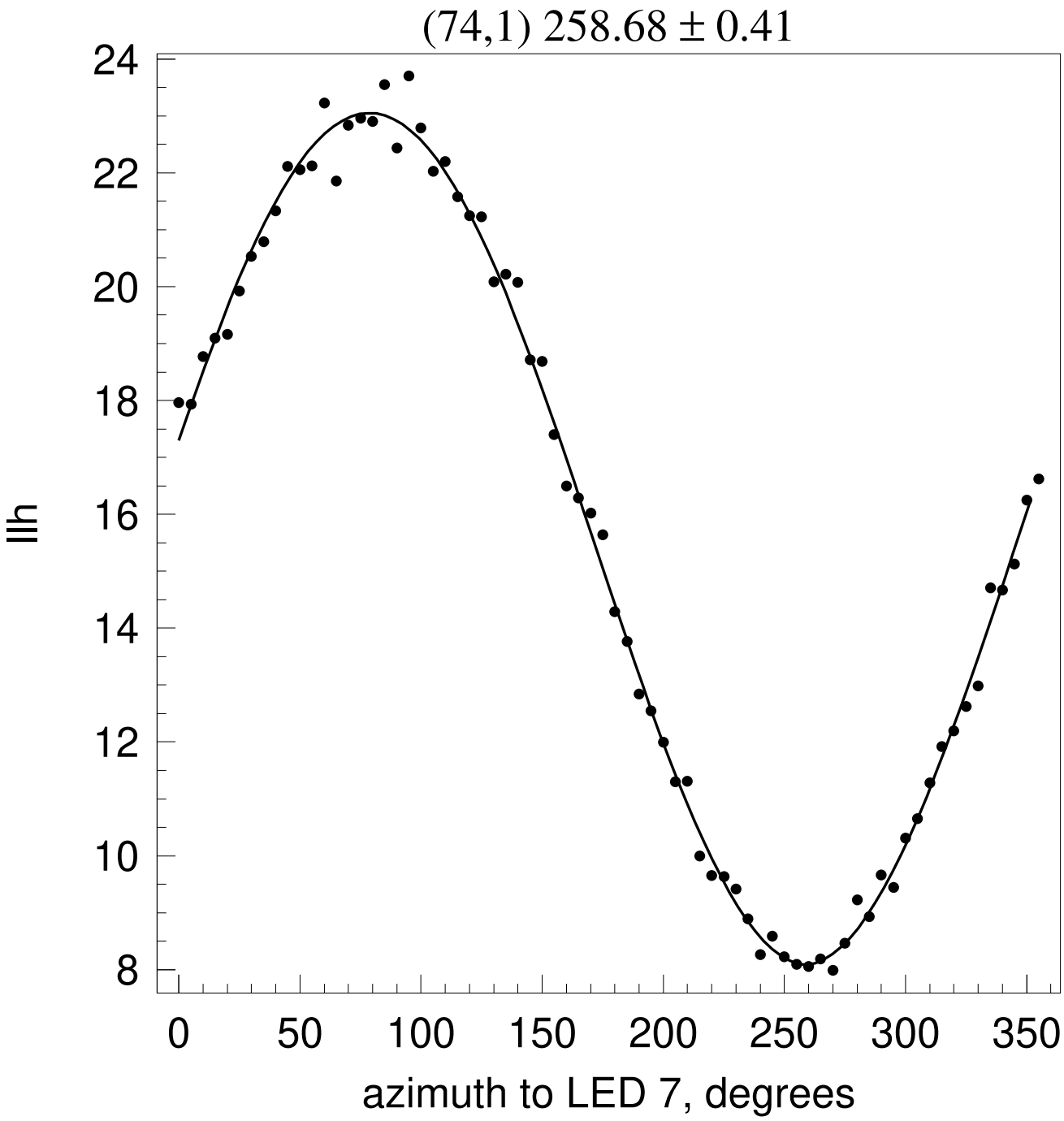

(73,56) 112.97 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

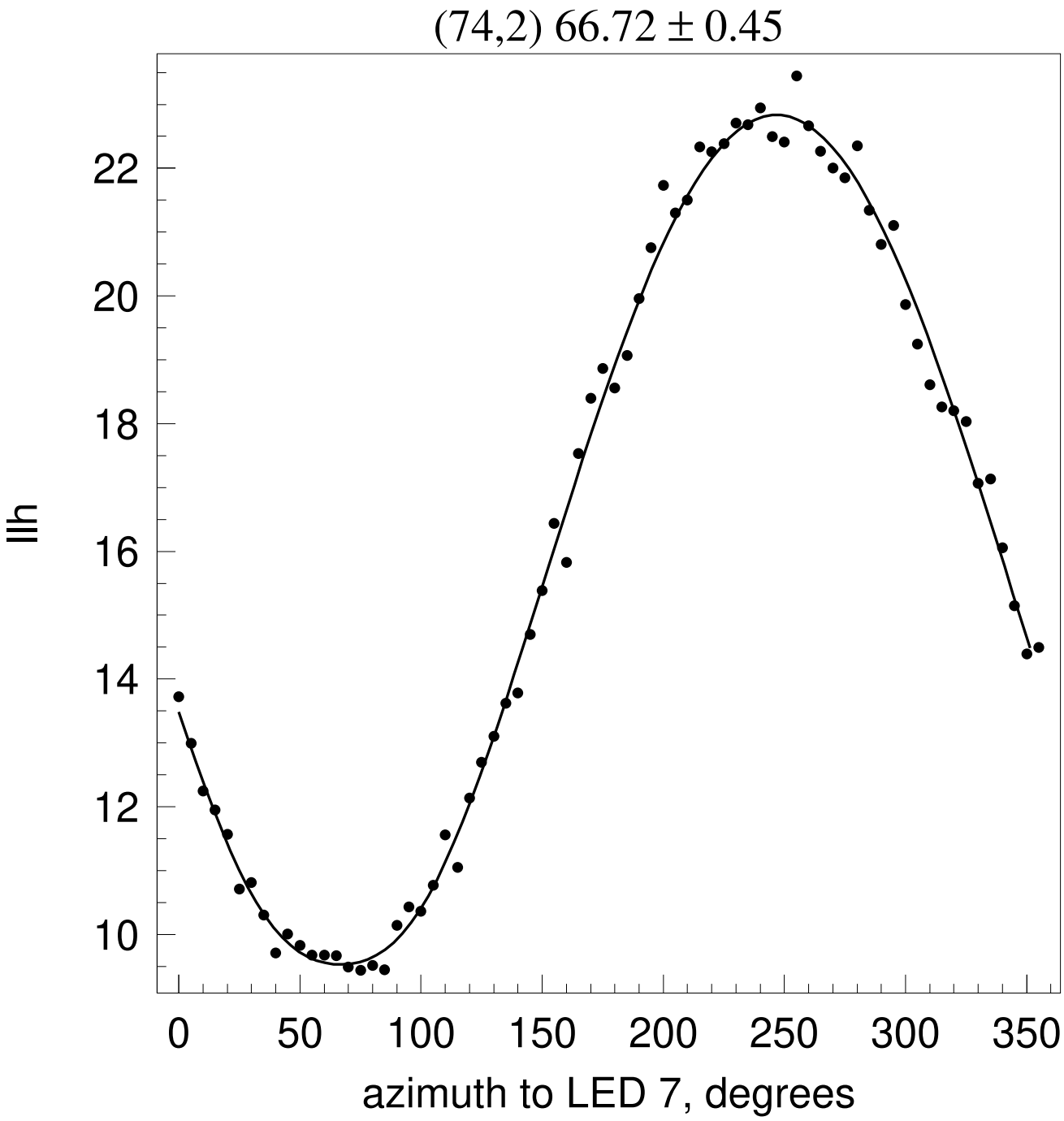

(73,57) 195.93 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

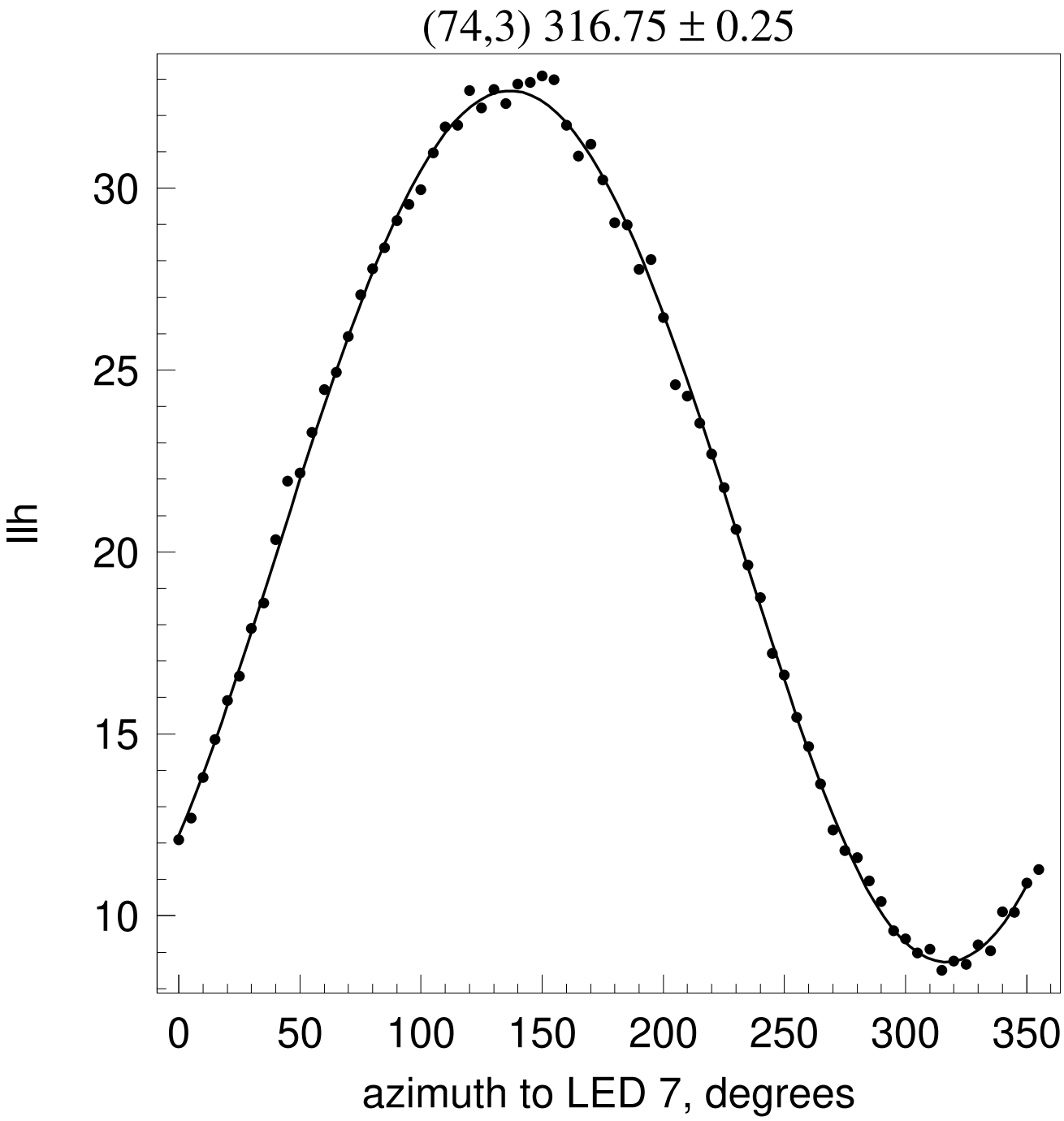

(73,58) 26.56 ± 1.41
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

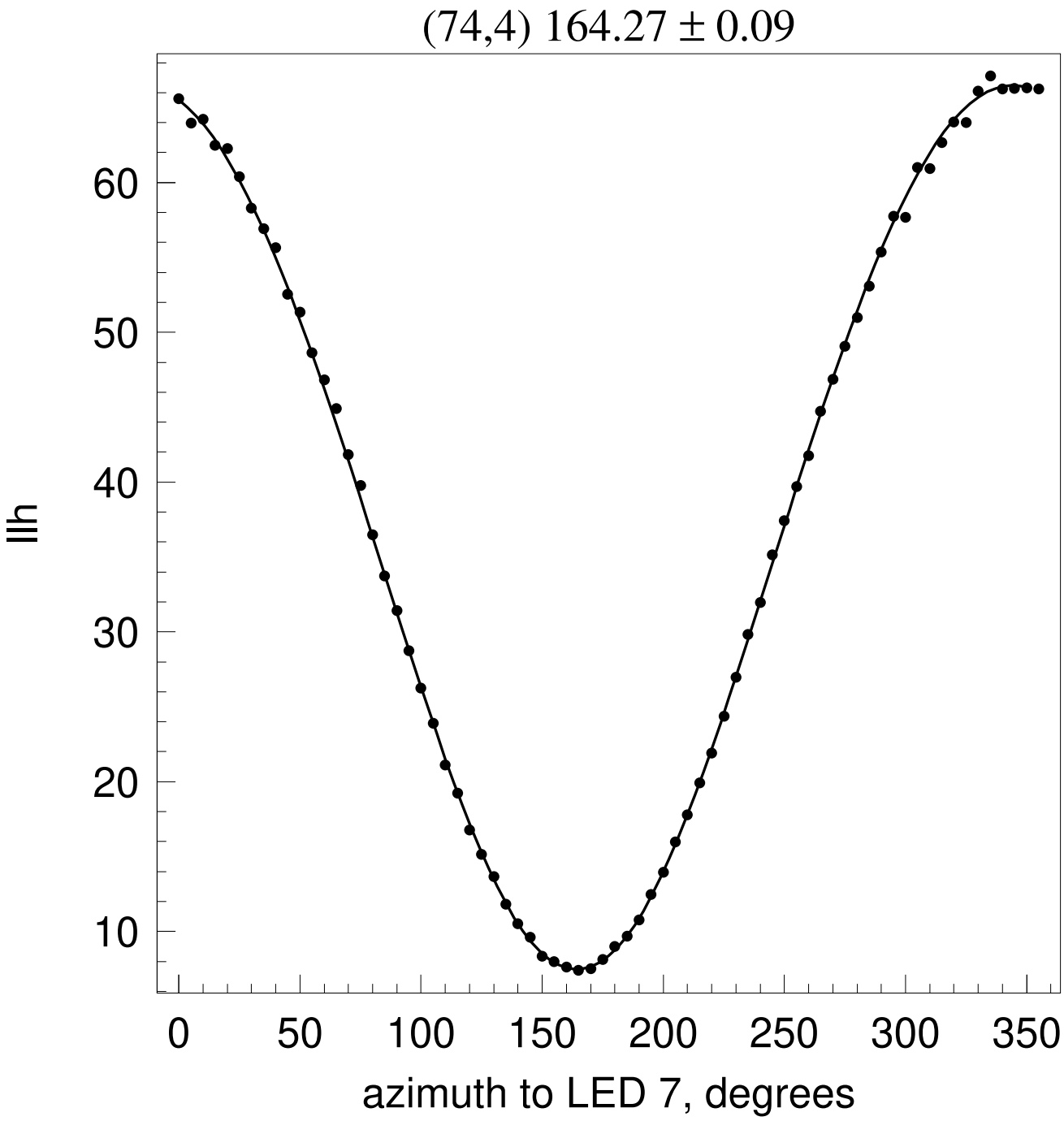

(73,59) 135.53 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

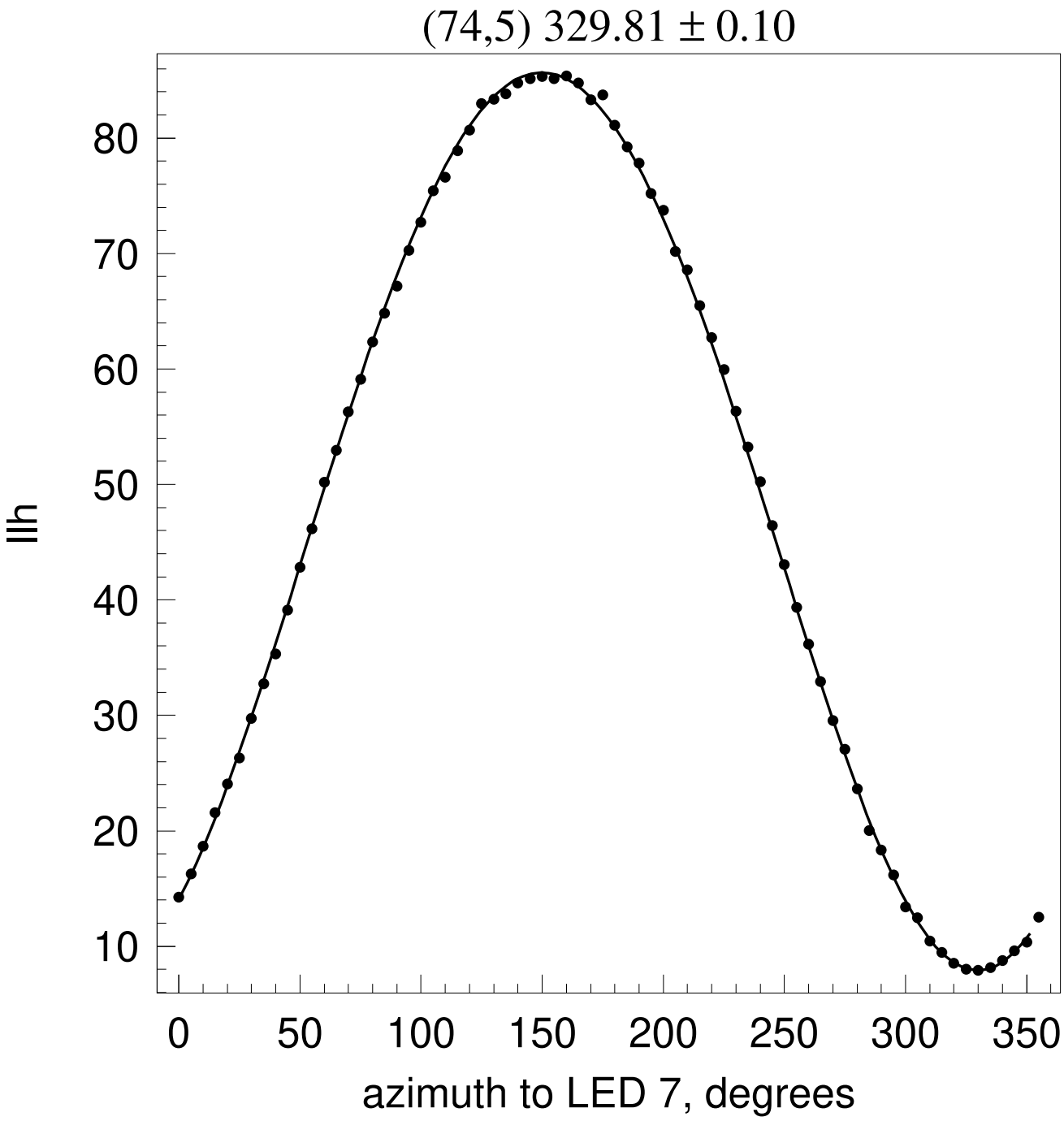

(73,60) 59.23 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

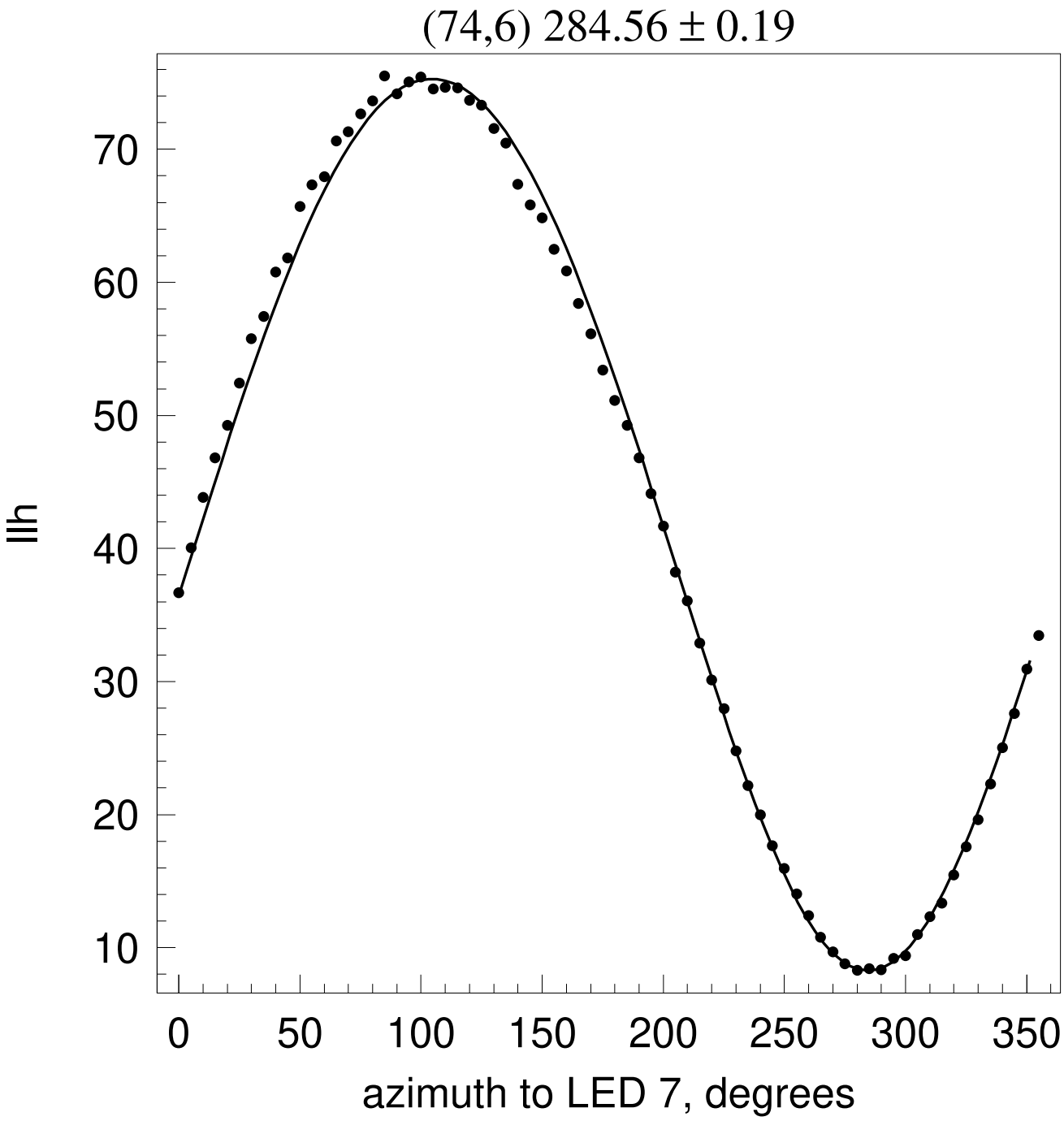

(74,1) 258.68 ± 0.41
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

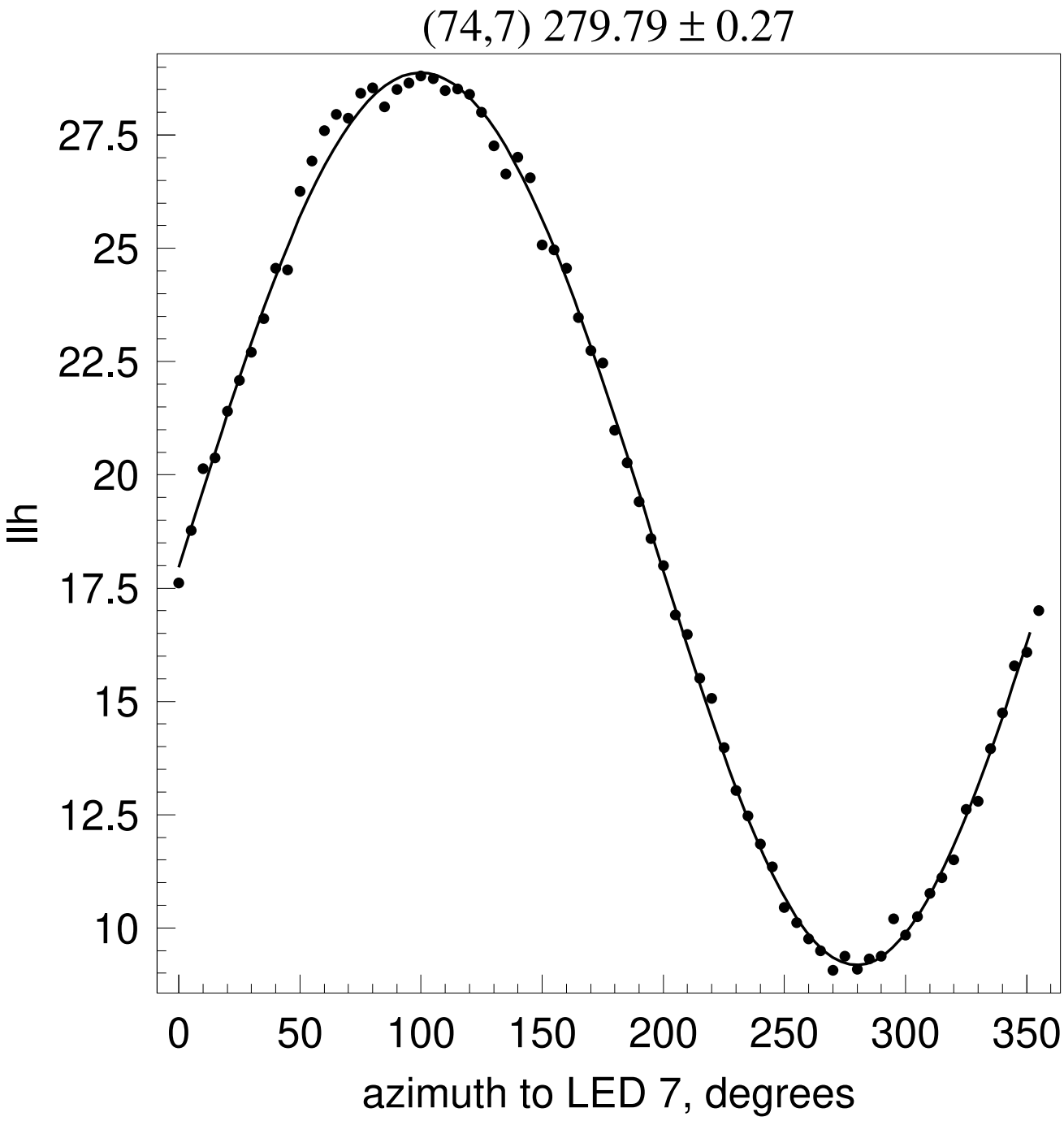

(74,2) 66.72 ± 0.45
llh
22
20
18
16
14
12
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

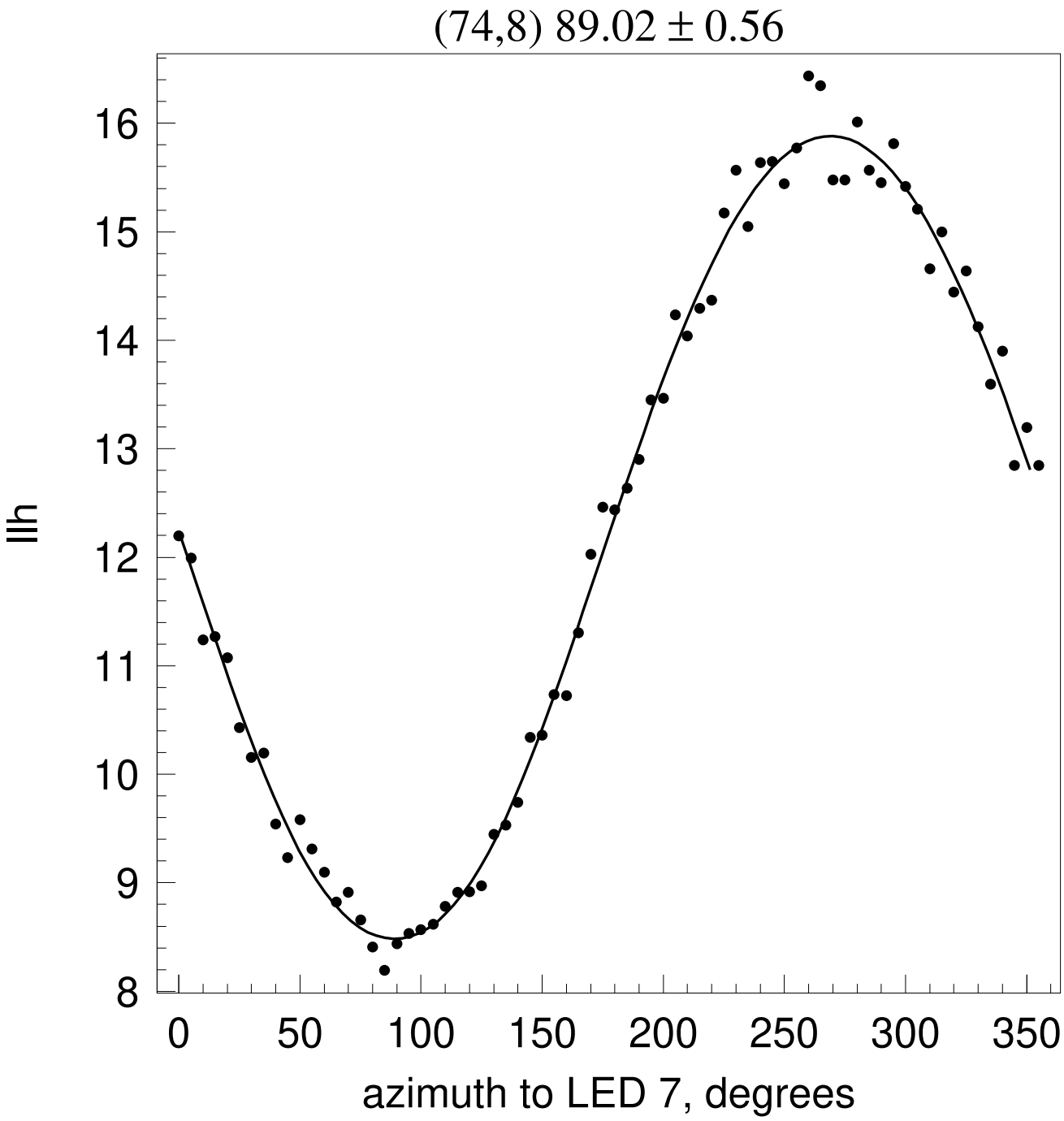

(74,3) 316.75 ± 0.25
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

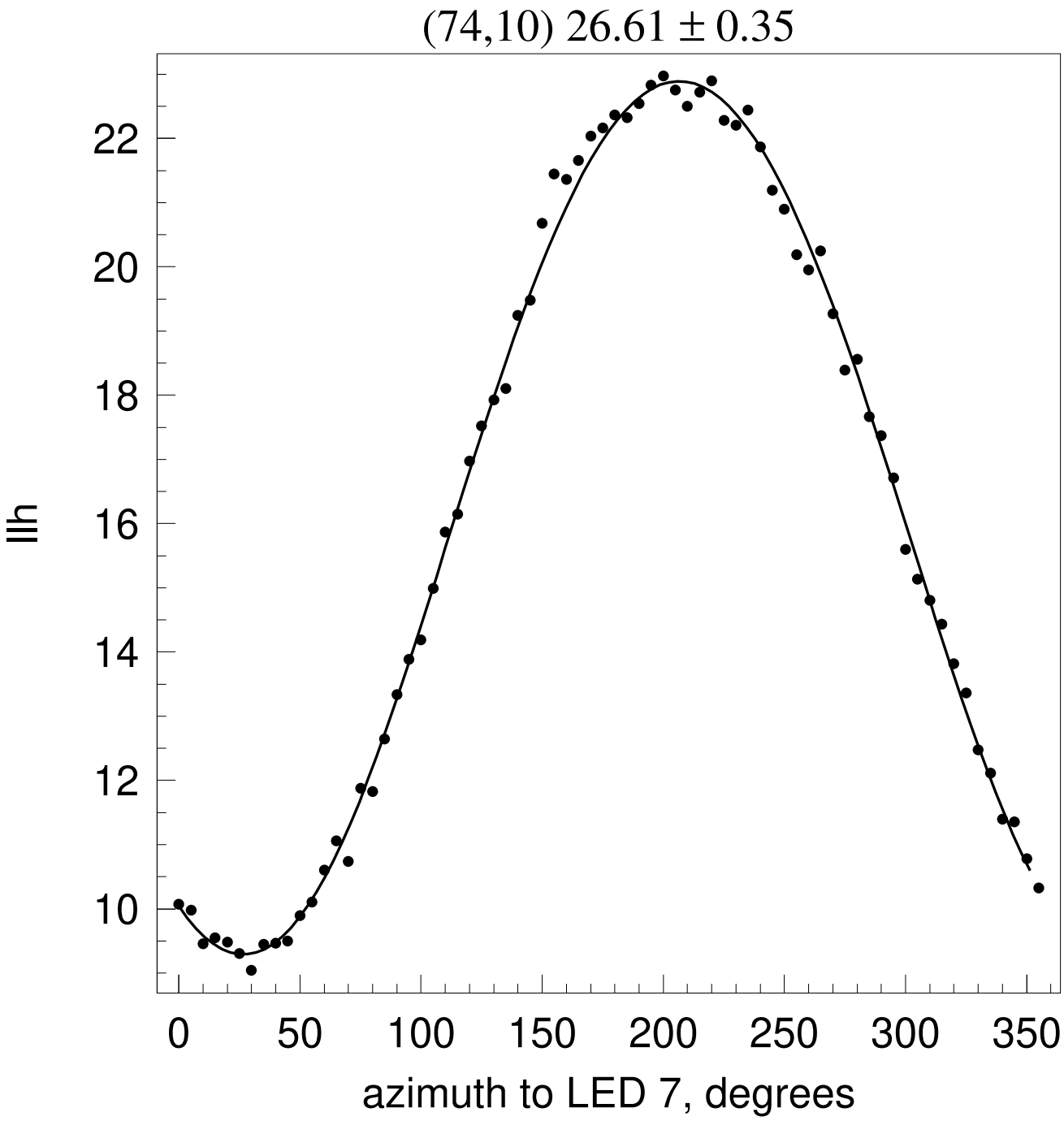

(74,4) 164.27 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

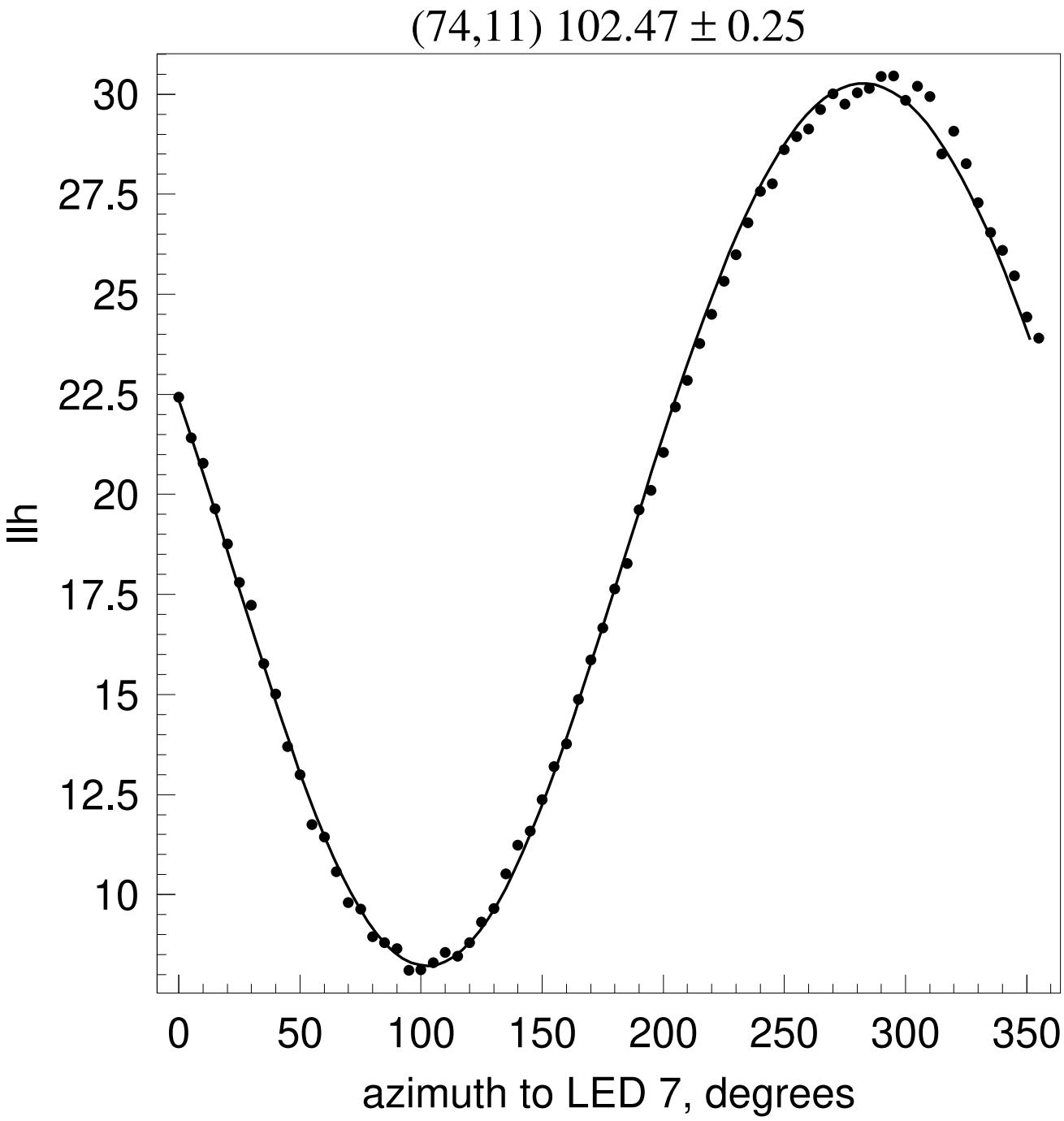

(74,5) 329.81 ± 0.10
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

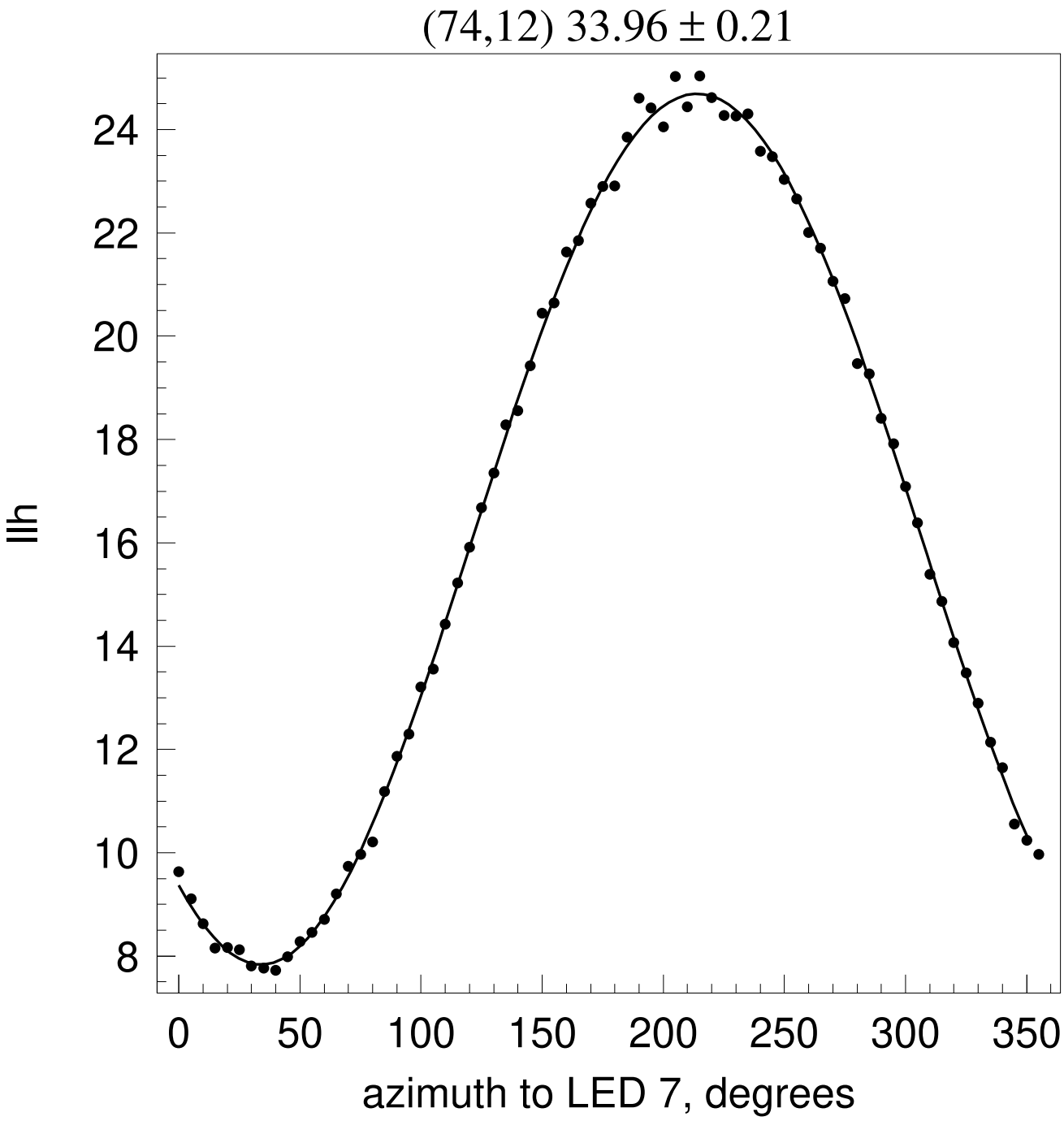

(74,6) 284.56 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

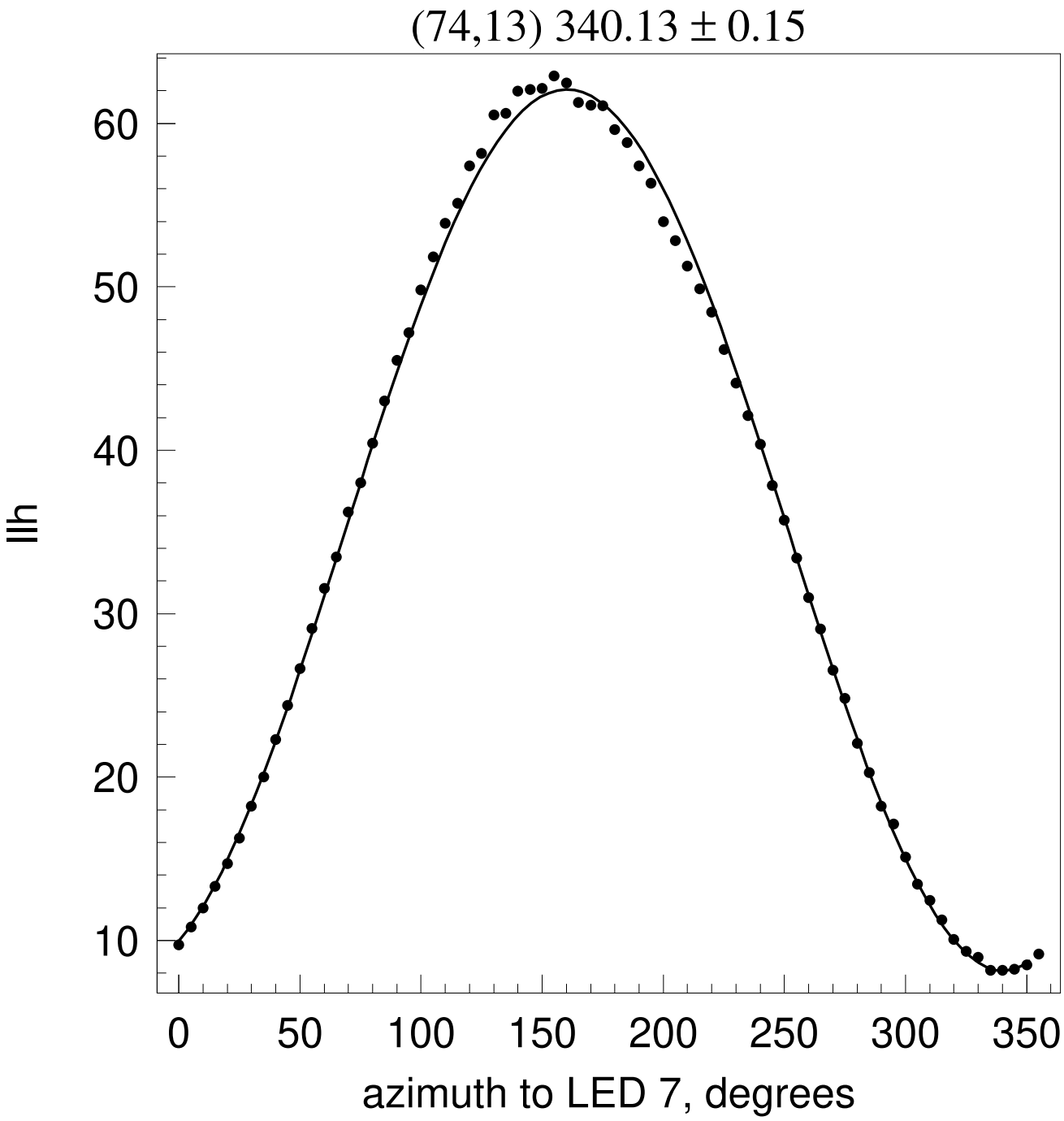

(74,7) 279.79 ± 0.27
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

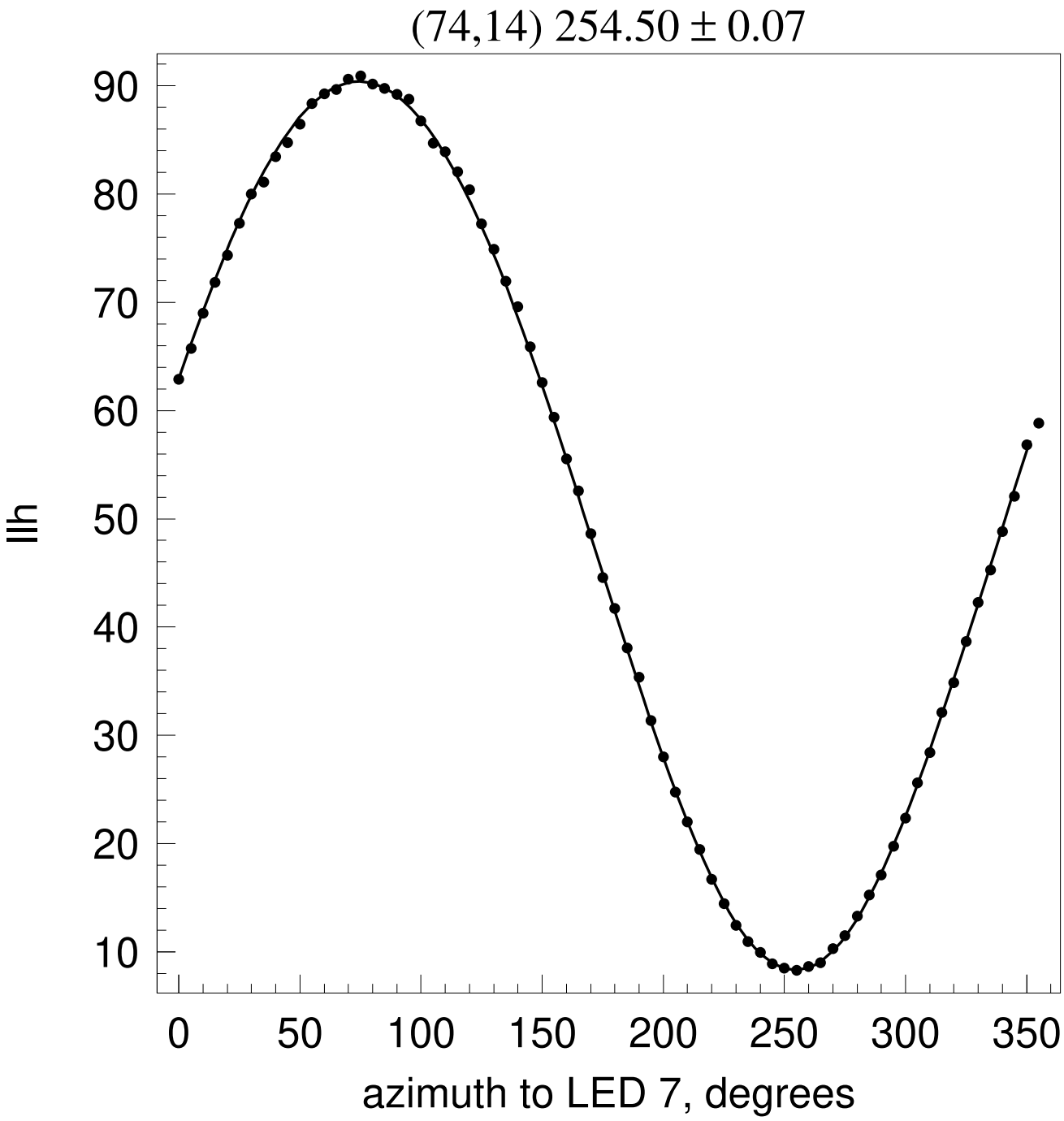

(74,8) 89.02 ± 0.56
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

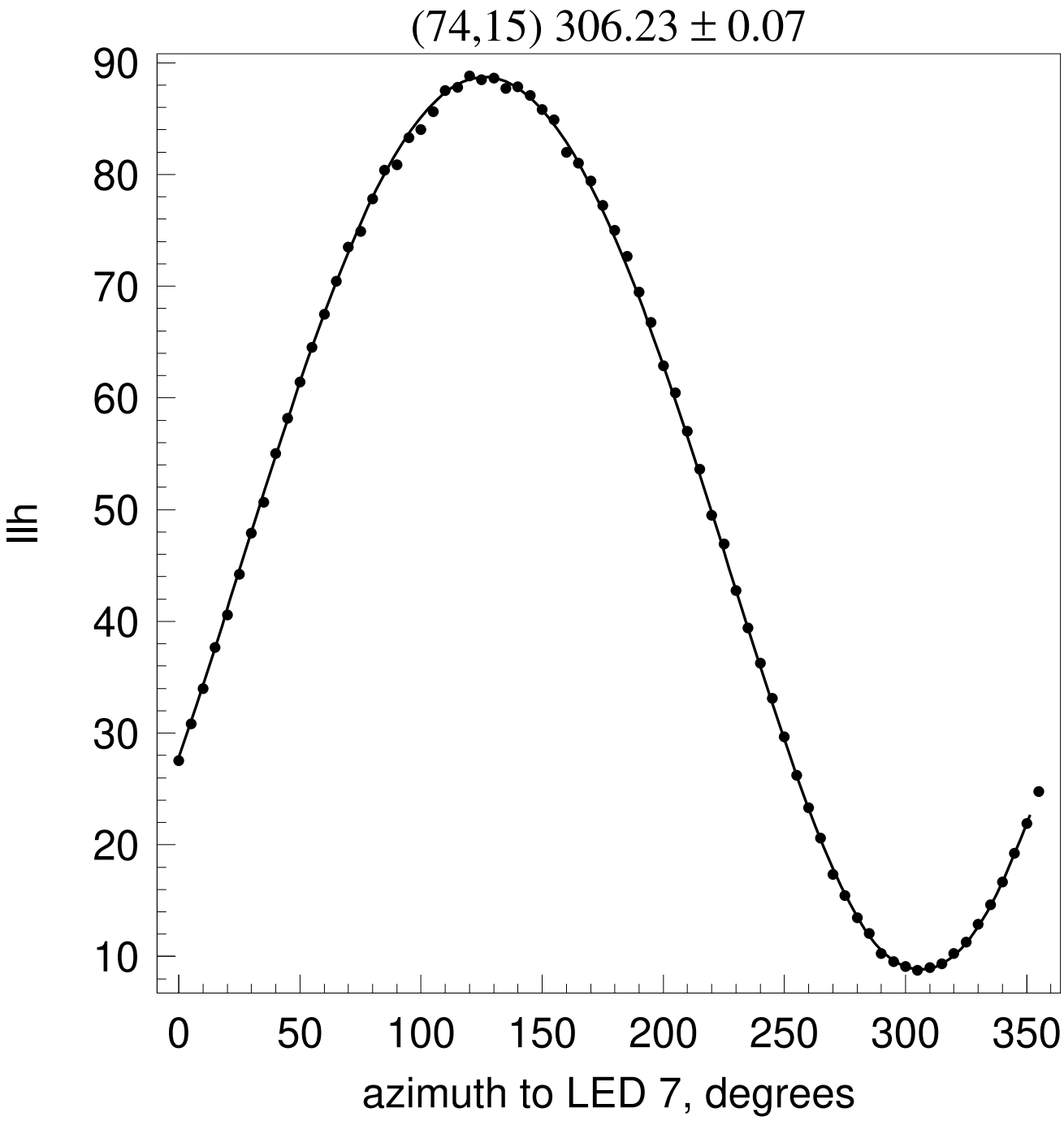

(74,10) 26.61 ± 0.35
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

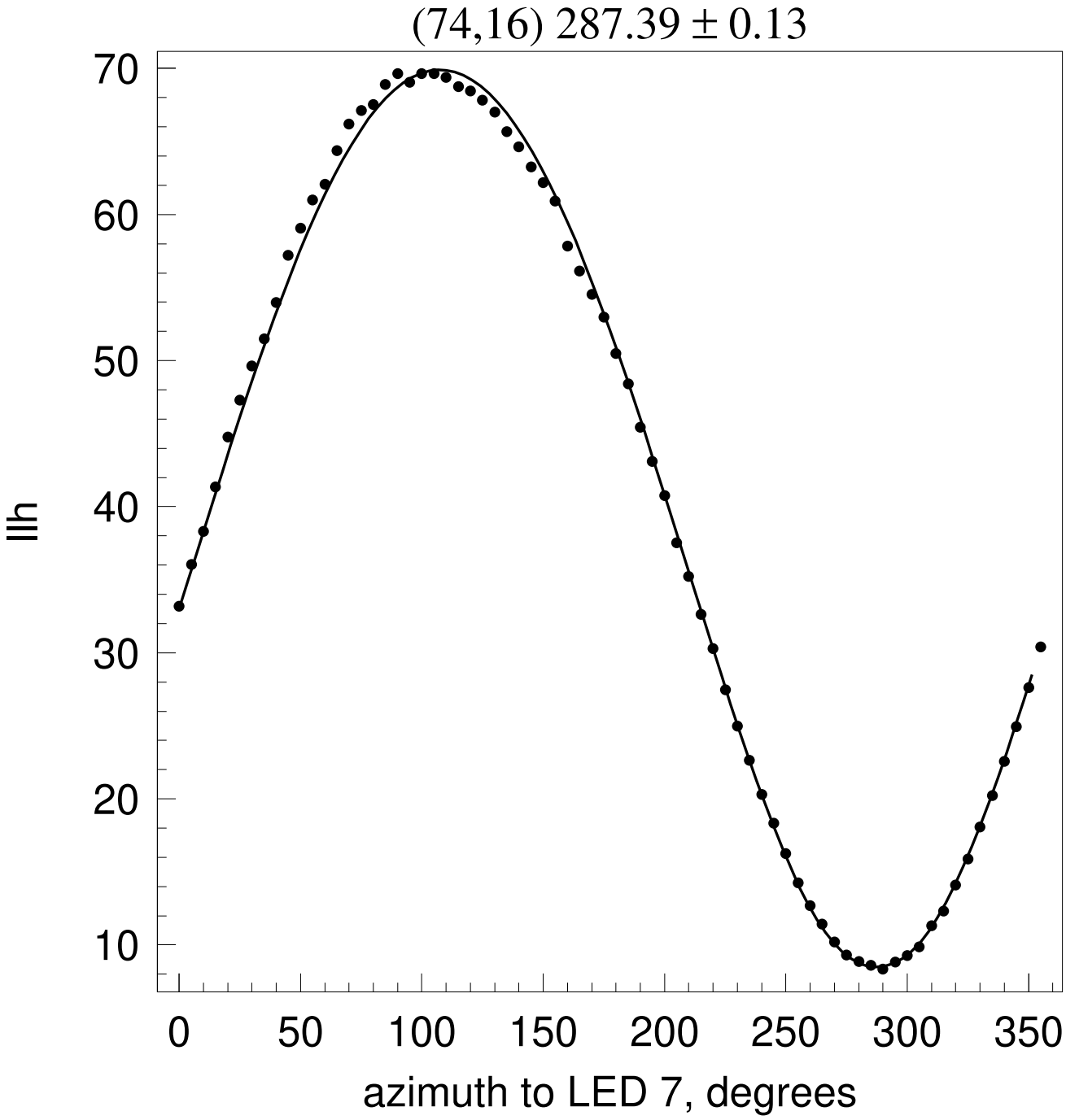

(74,11) 102.47 ± 0.25
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

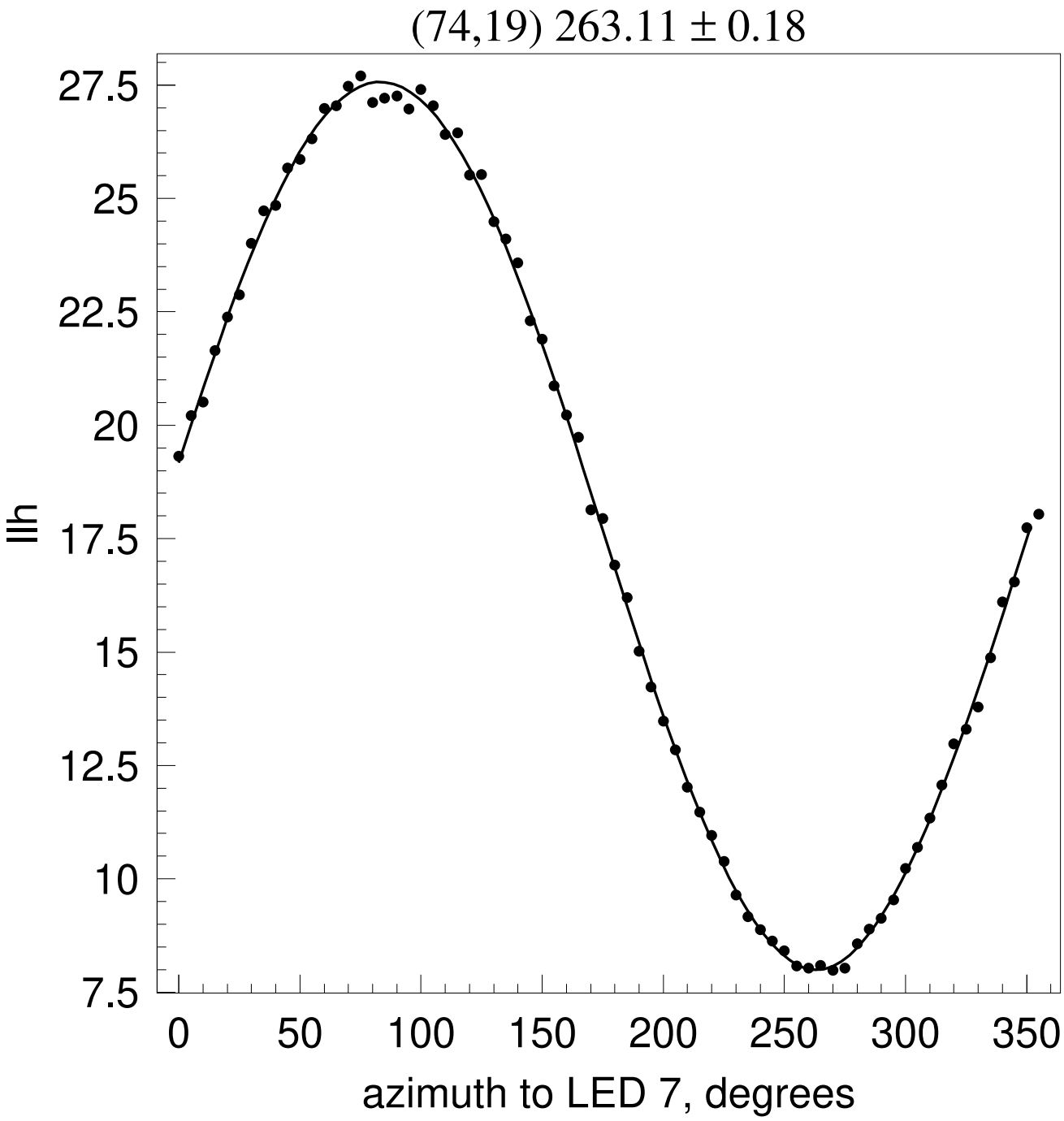

(74,12) 33.96 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

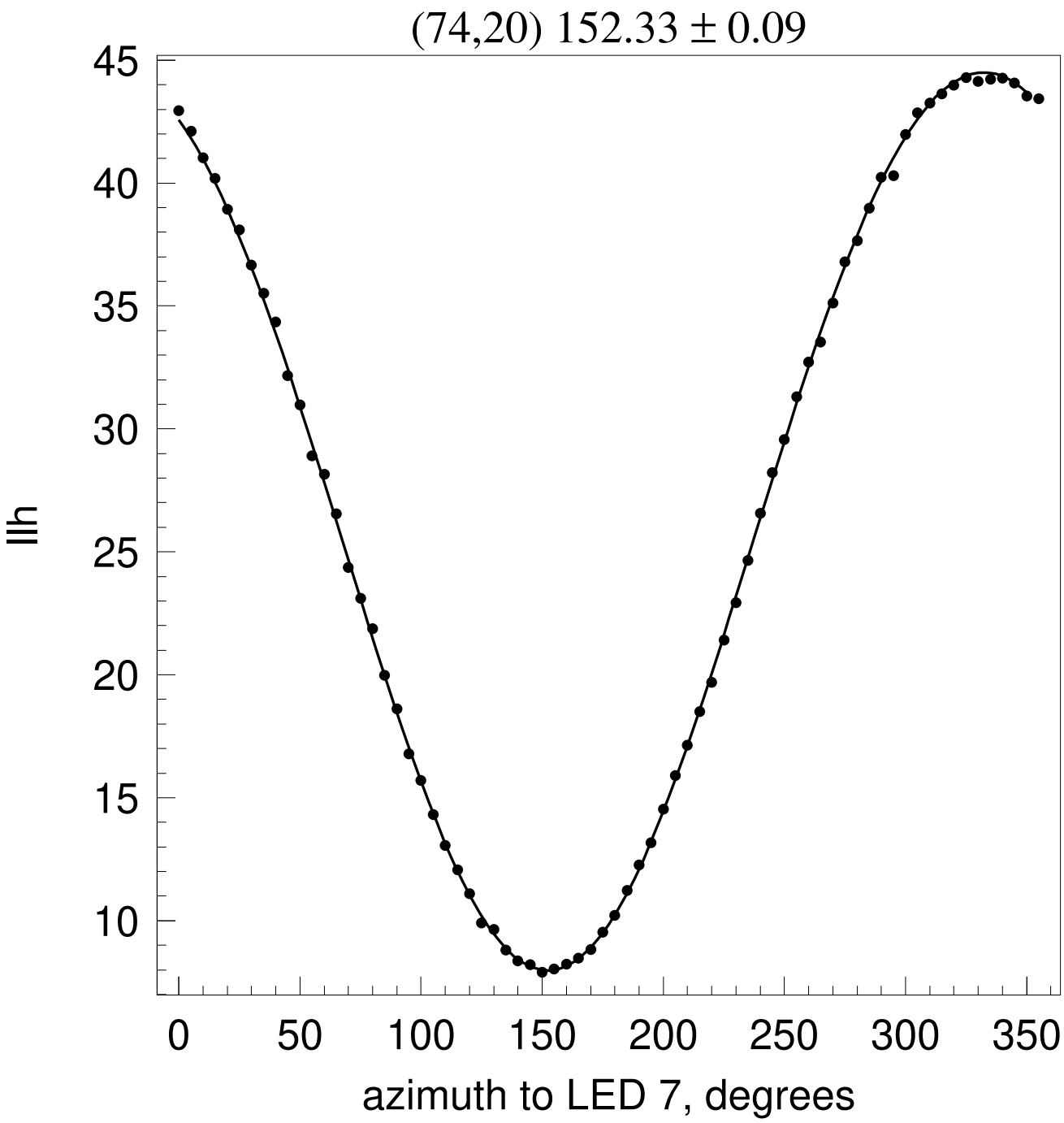

(74,13) 340.13 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

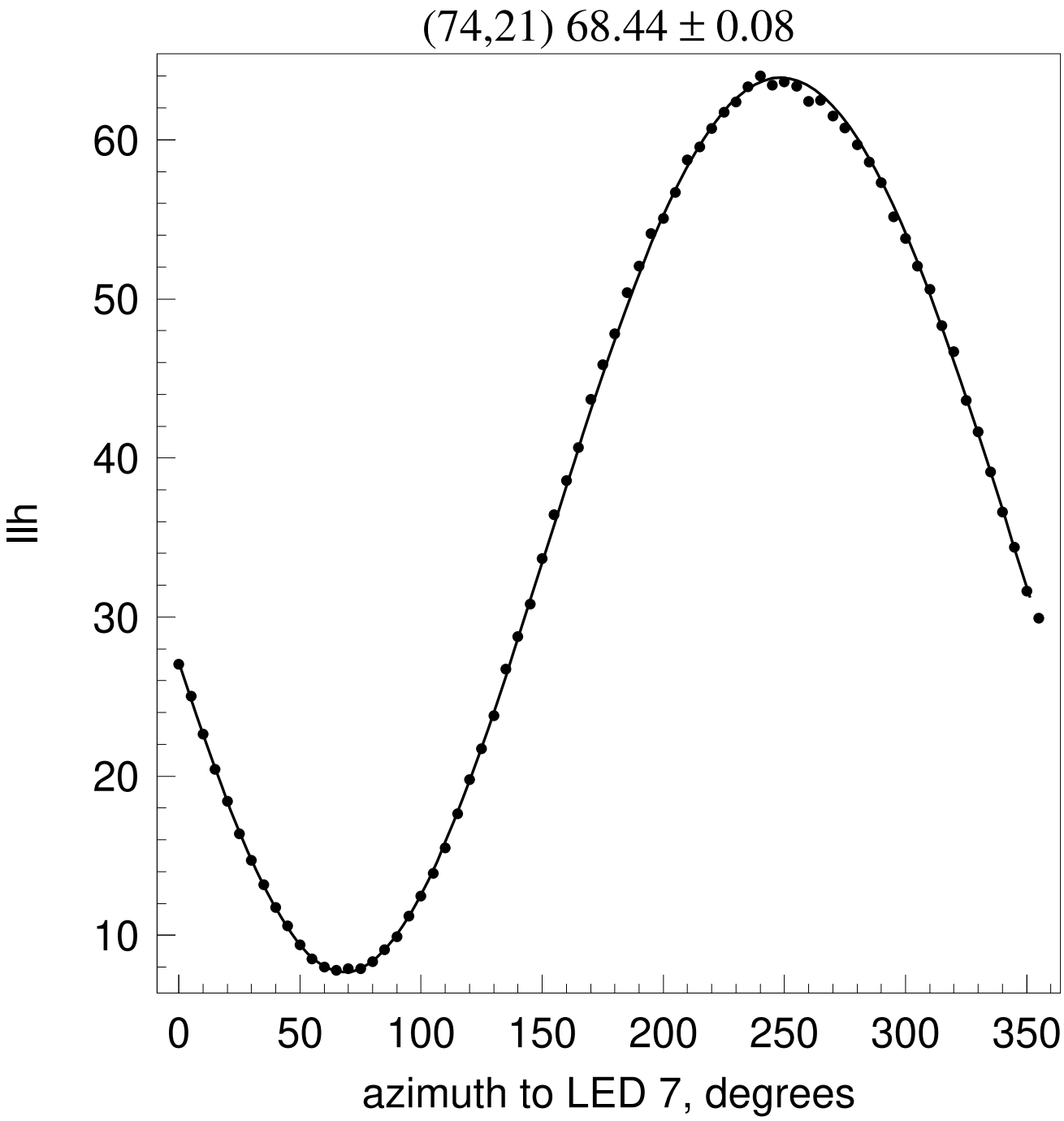

(74,14) 254.50 ± 0.07
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

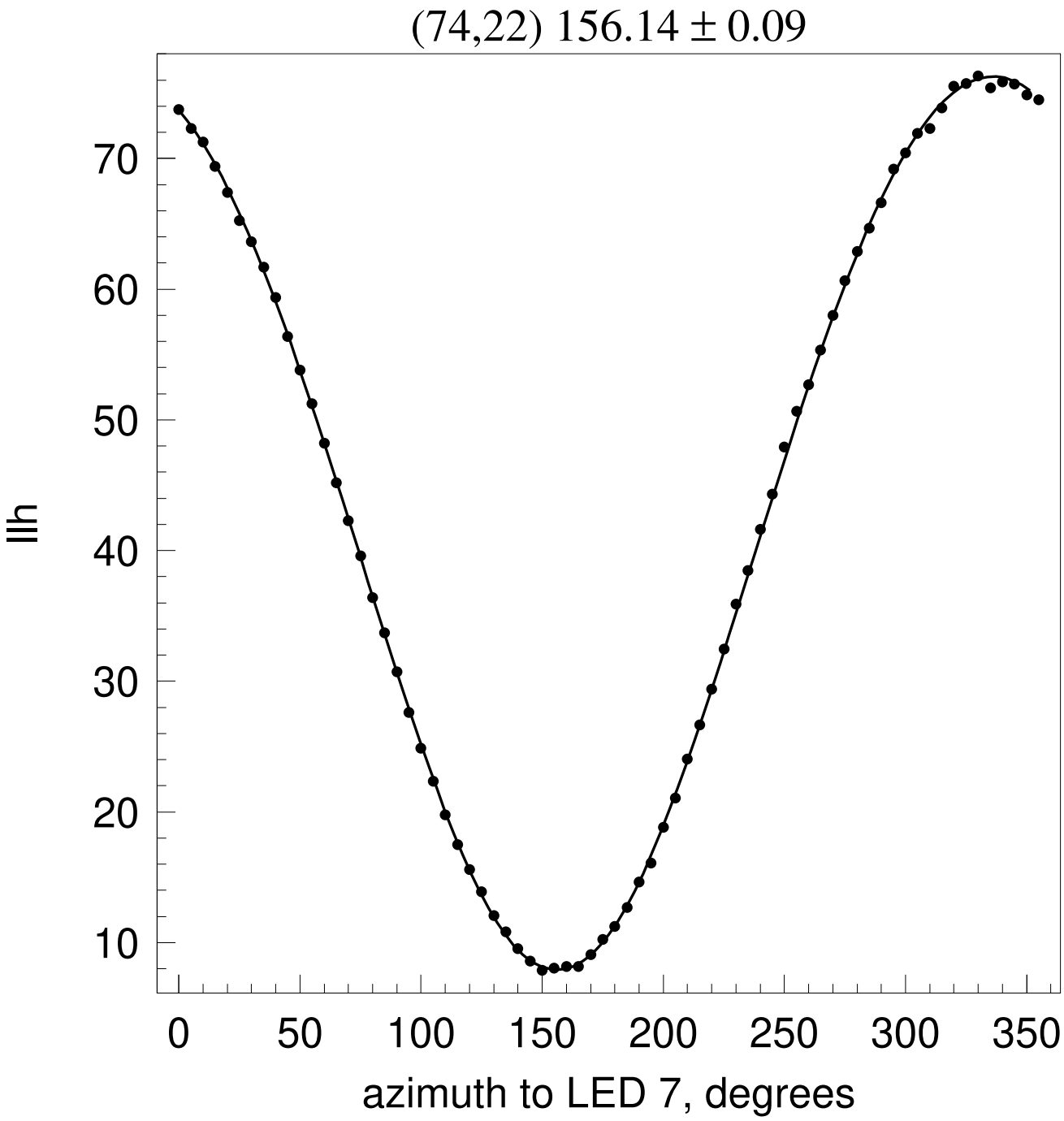

(74,15) 306.23 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

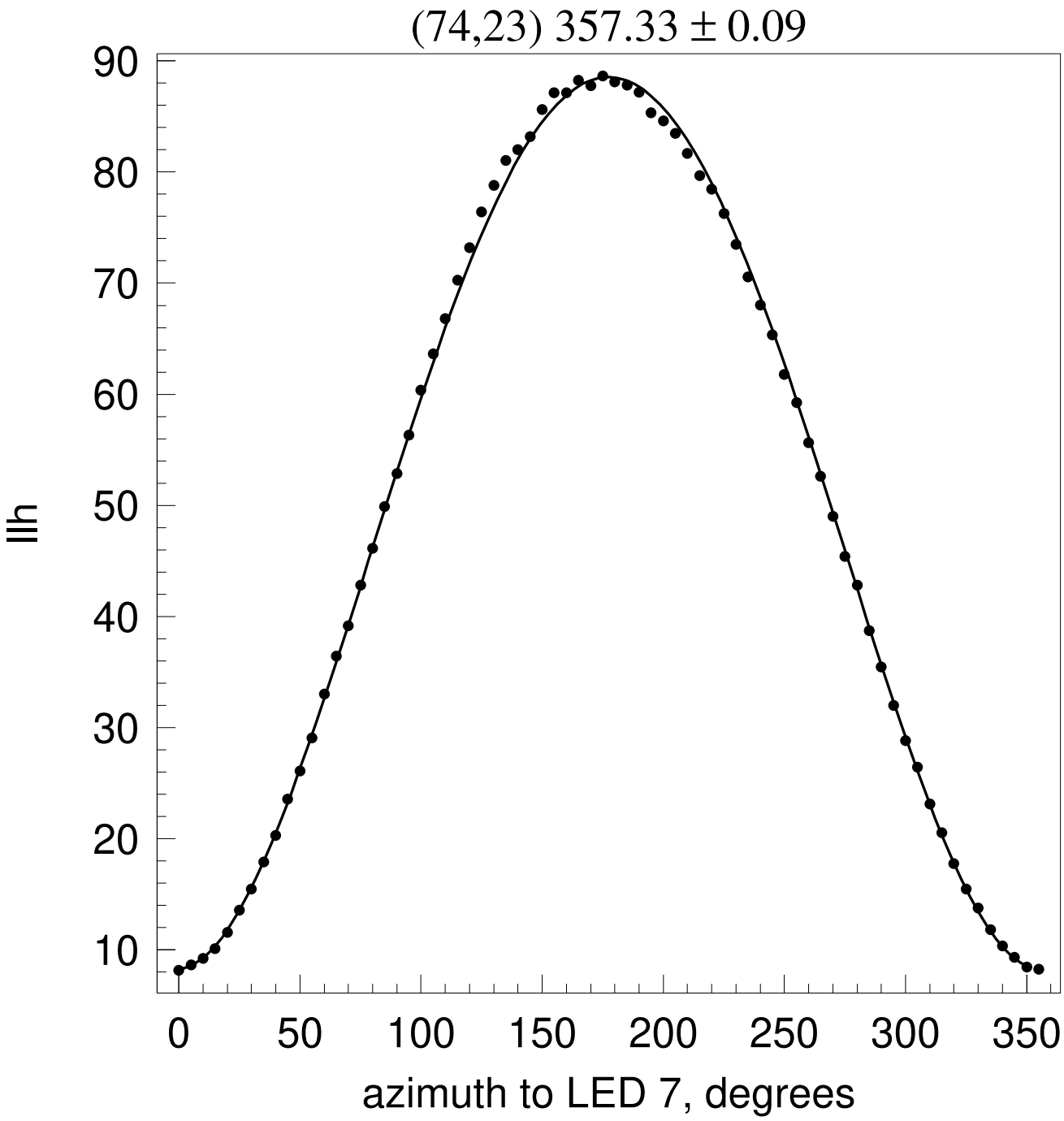

(74,16) 287.39 ± 0.13
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

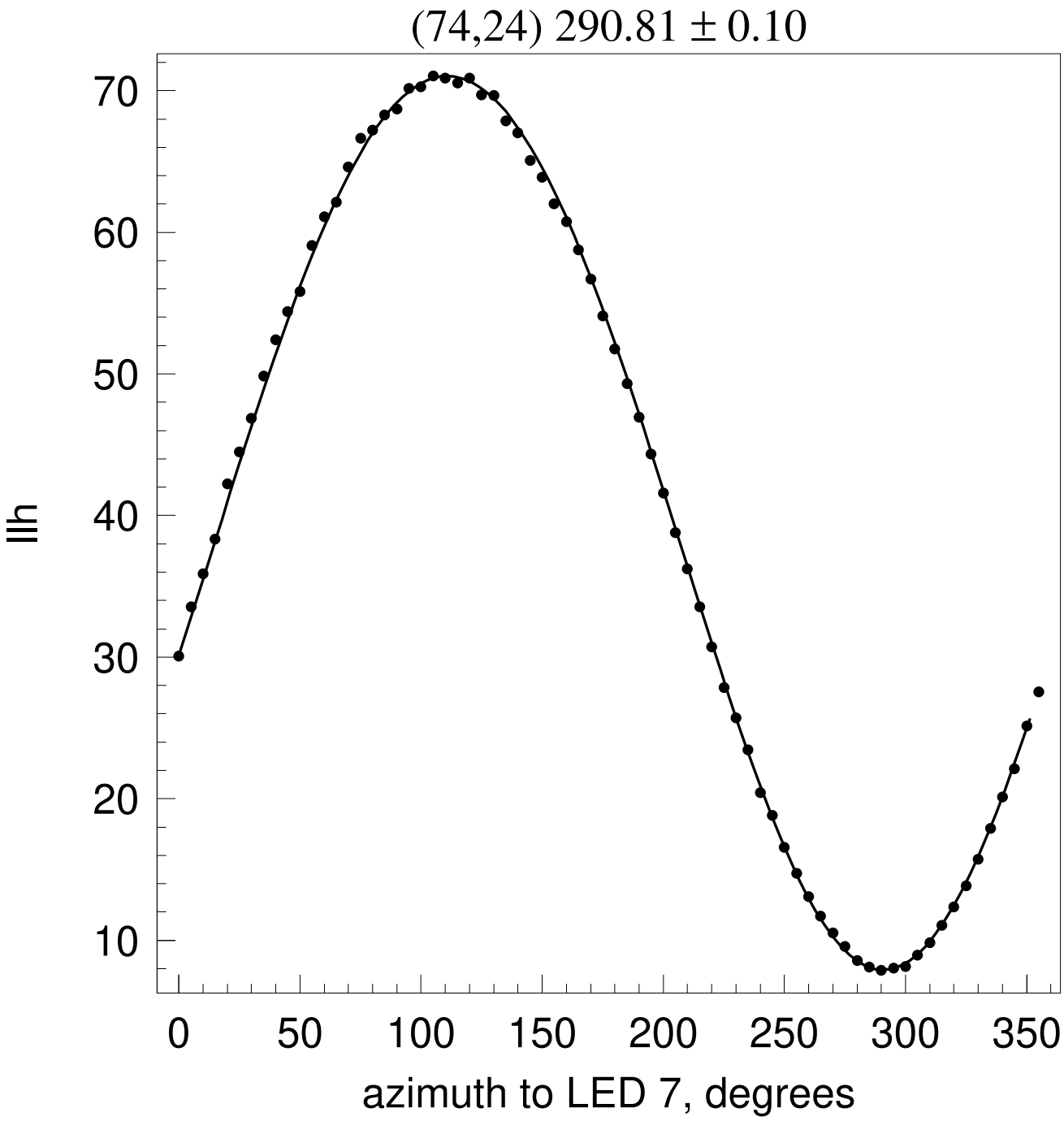

(74,19) 263.11 ± 0.18
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

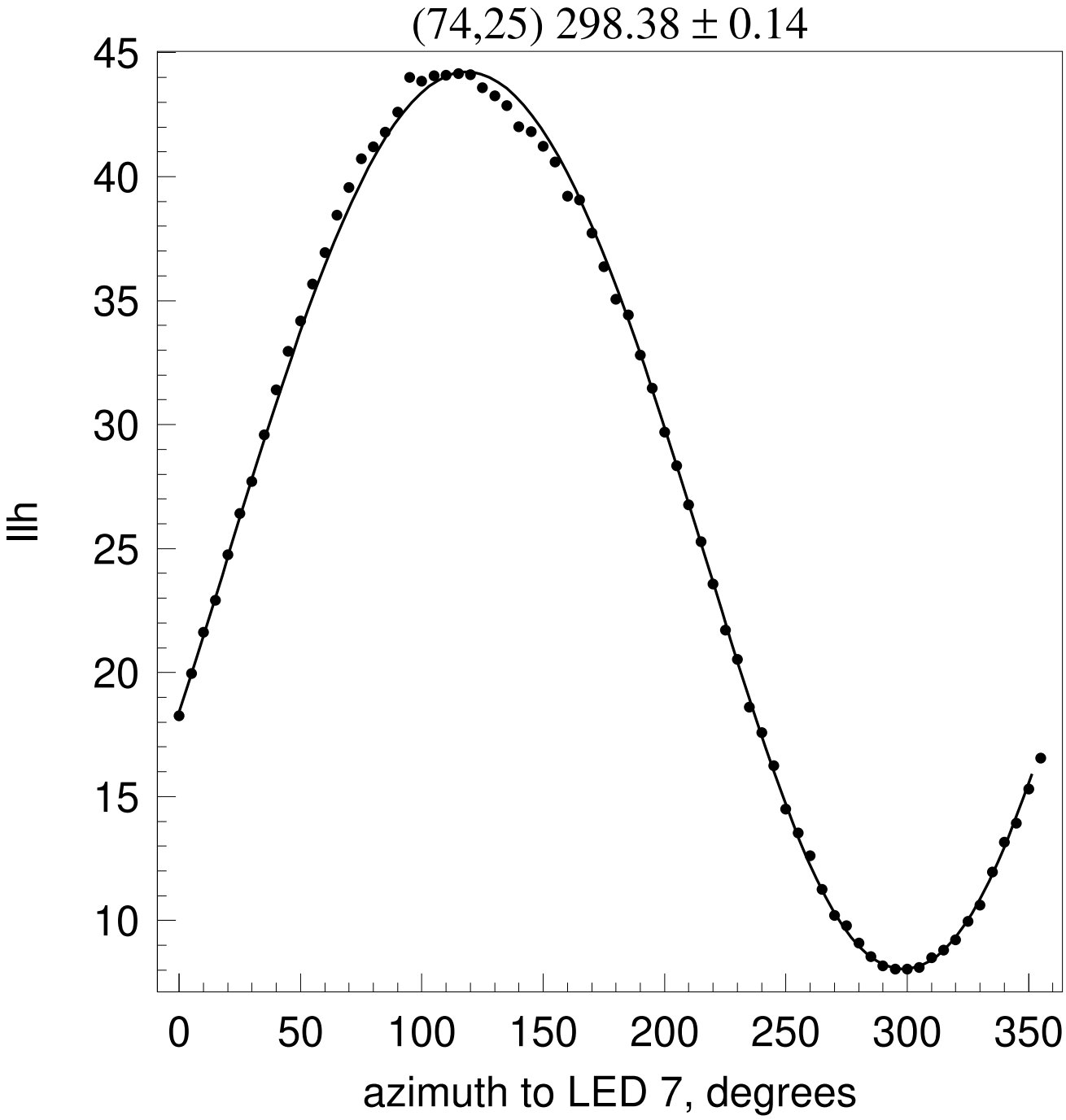

(74,20) 152.33 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

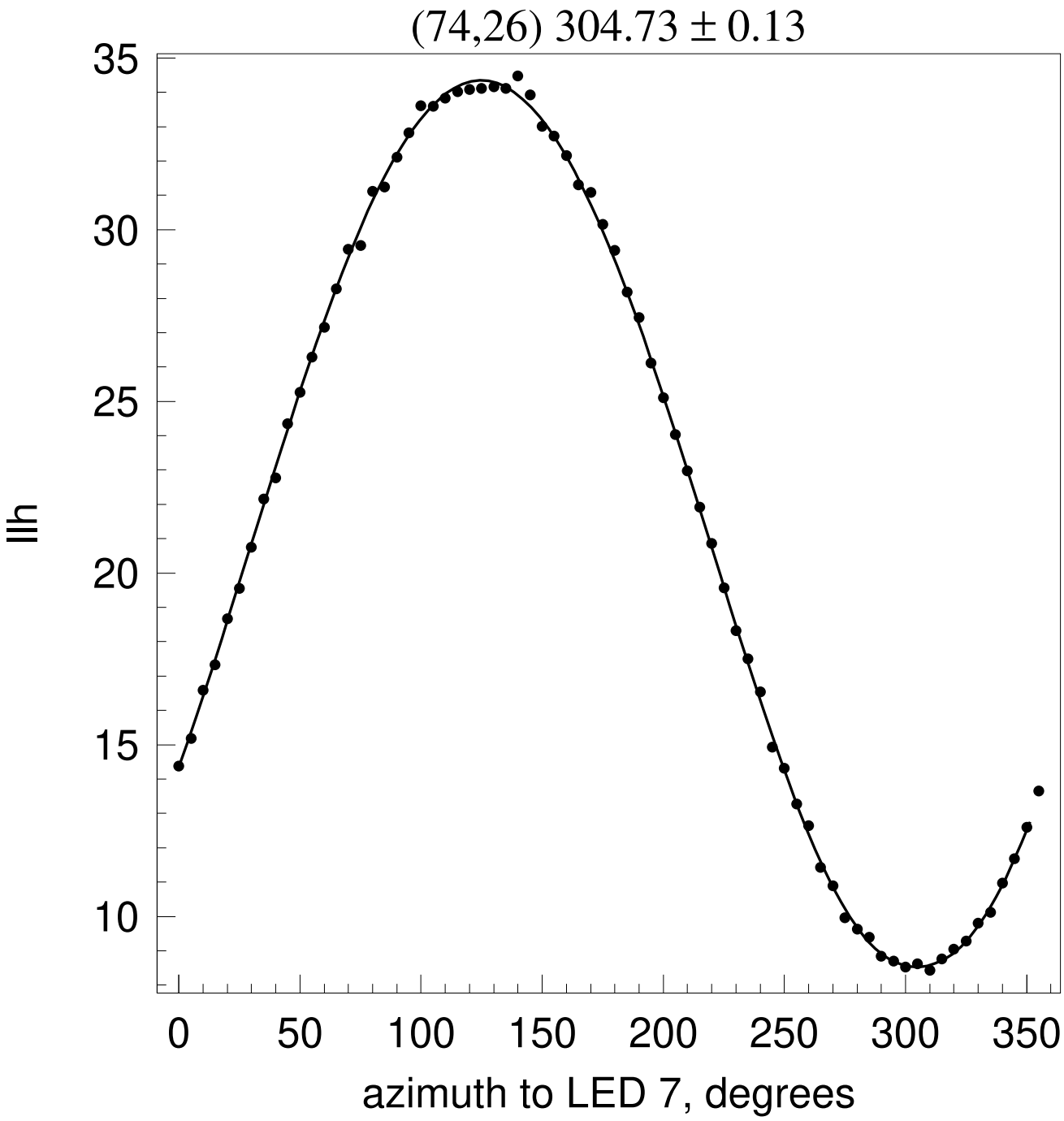

(74,21) 68.44 ± 0.08
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

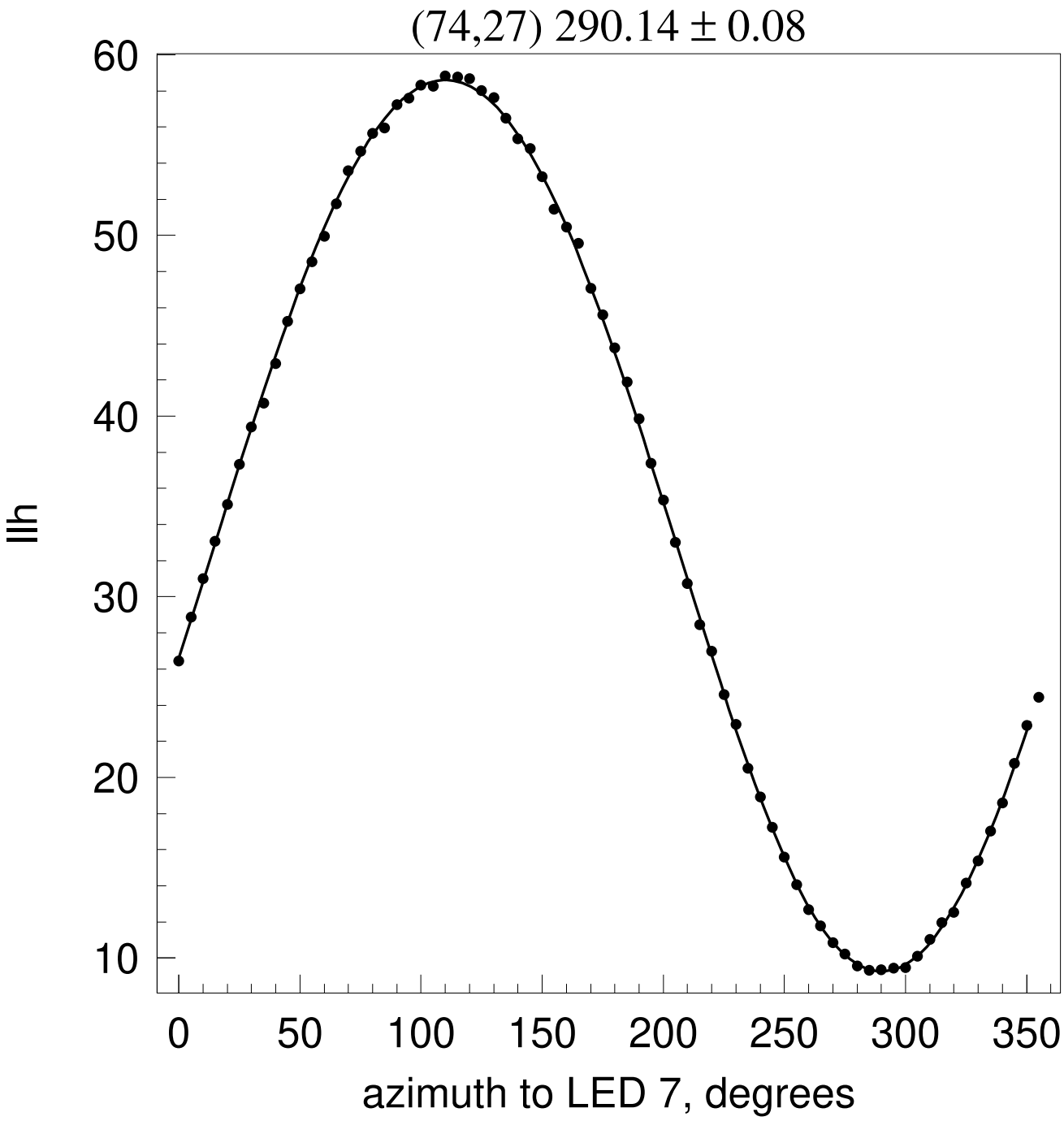

(74,22) 156.14 ± 0.09
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

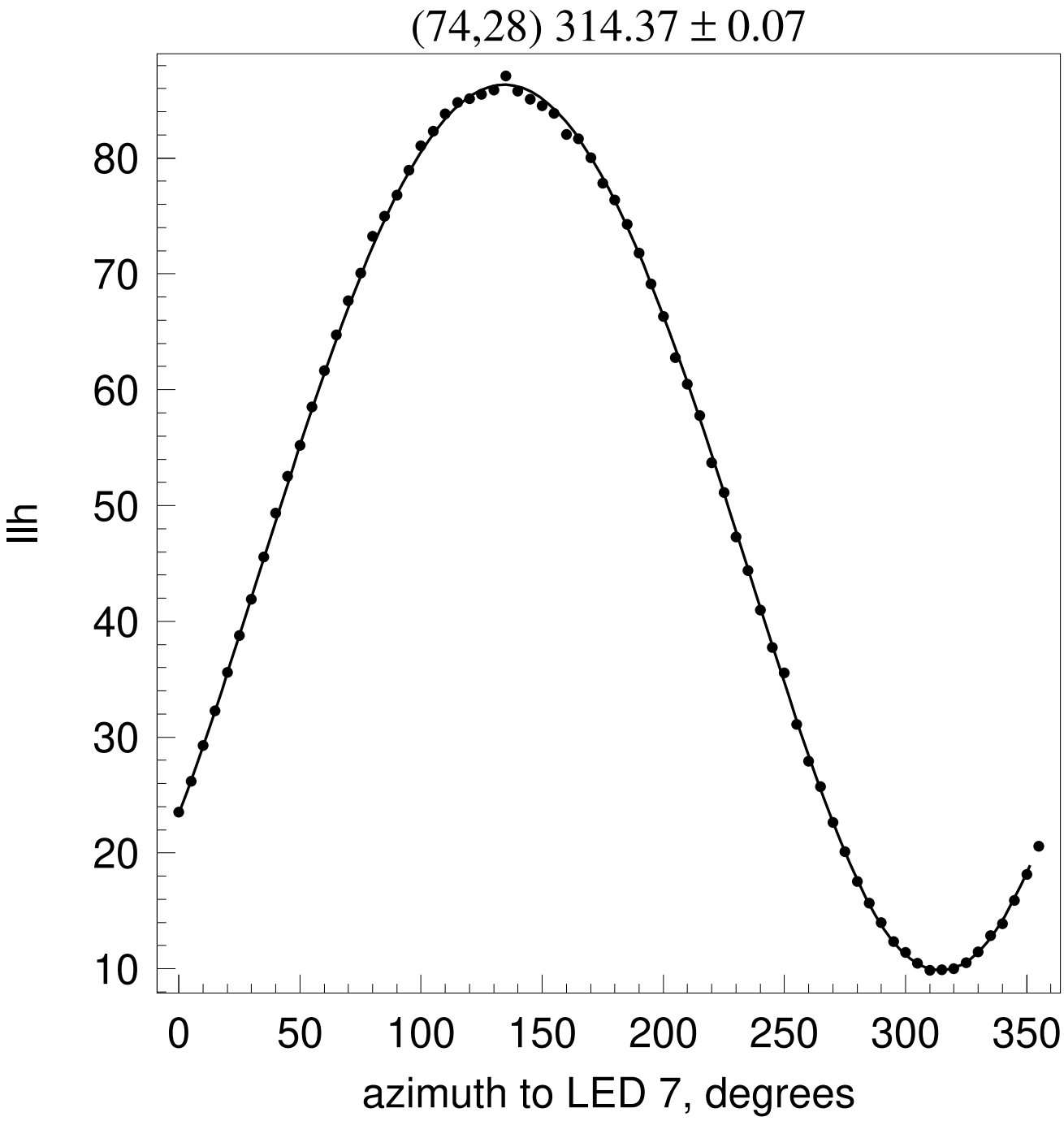

(74,23) 357.33 ± 0.09
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

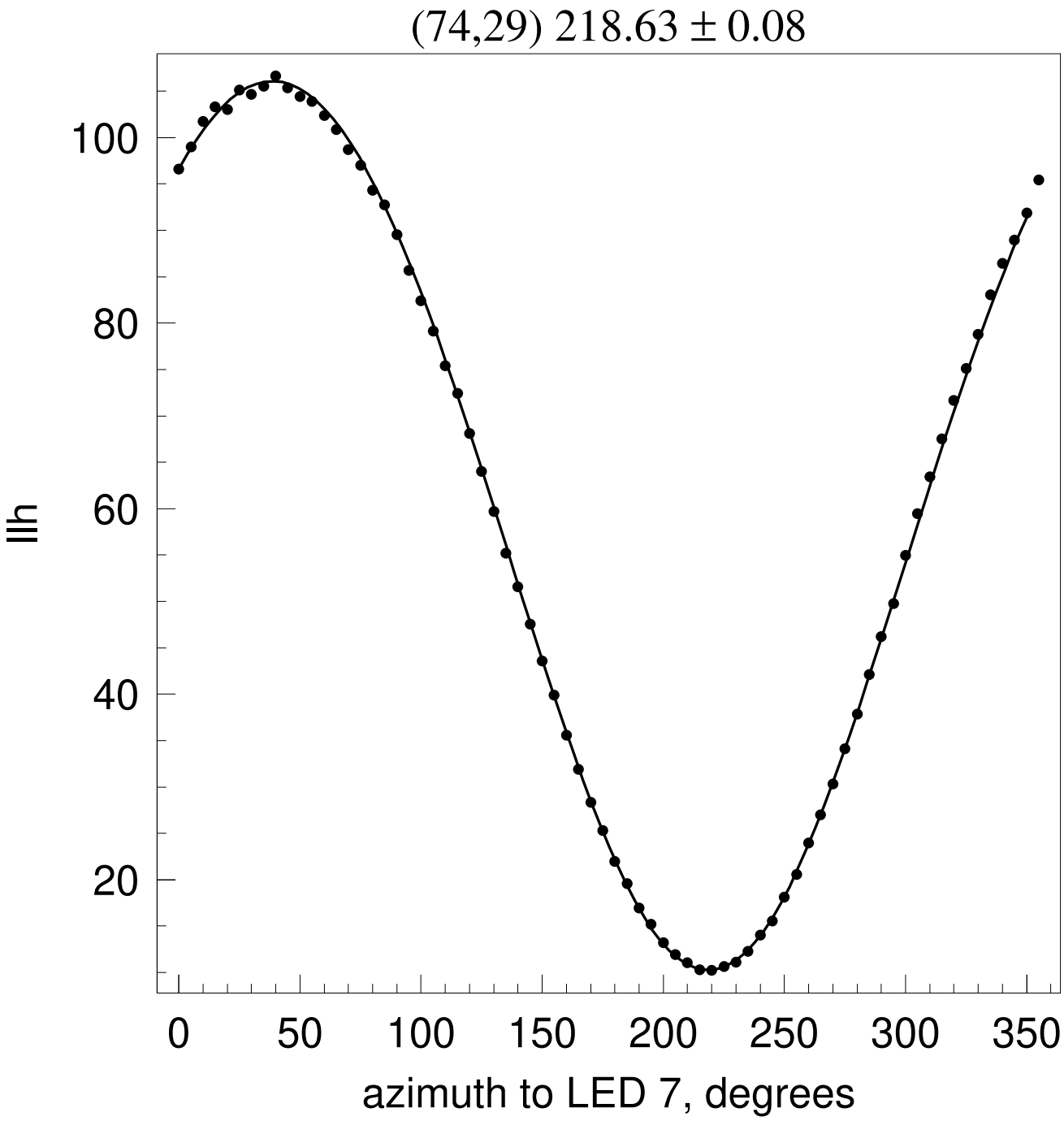

(74,24) 290.81 ± 0.10
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

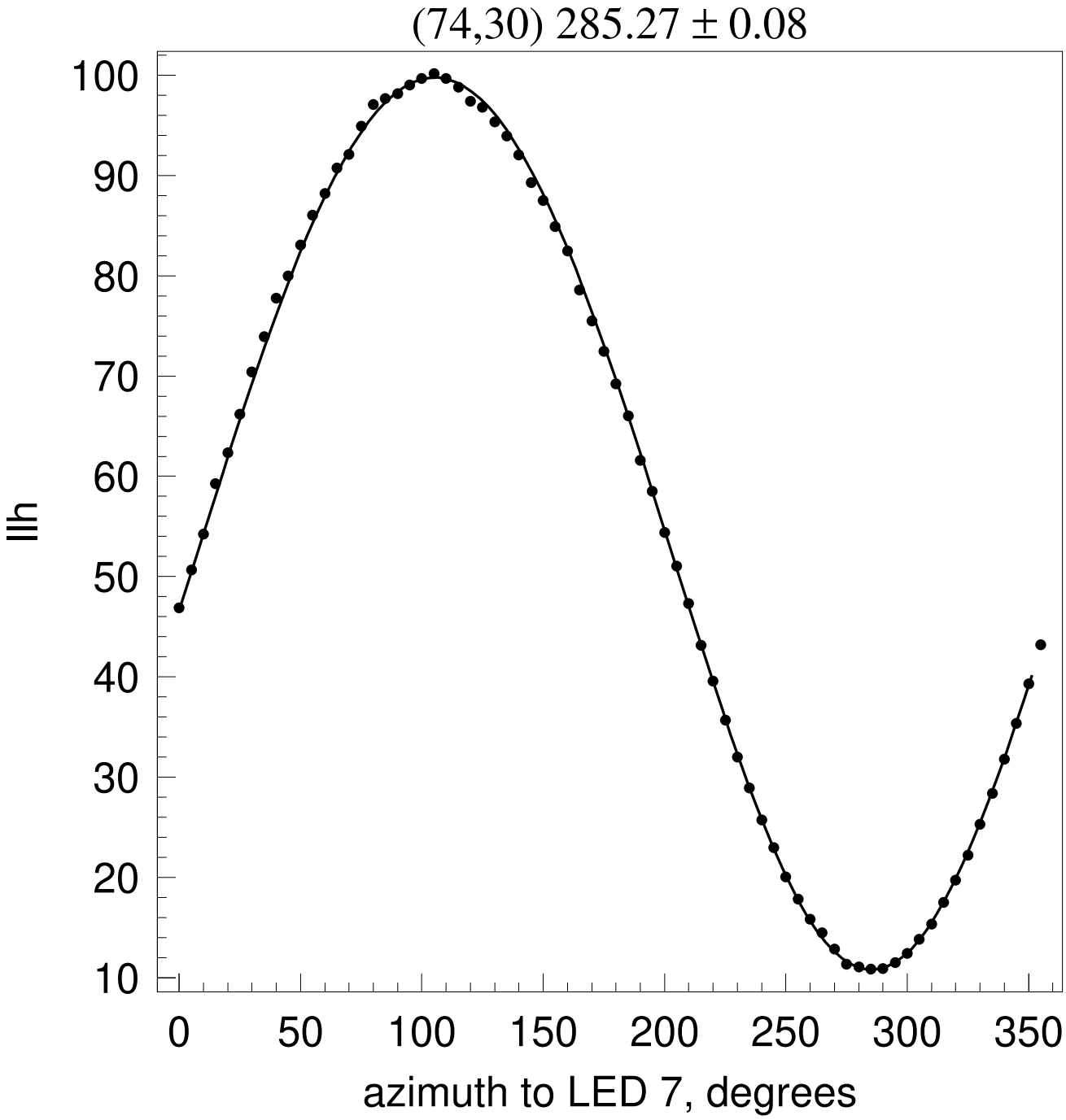

(74,25) 298.38 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

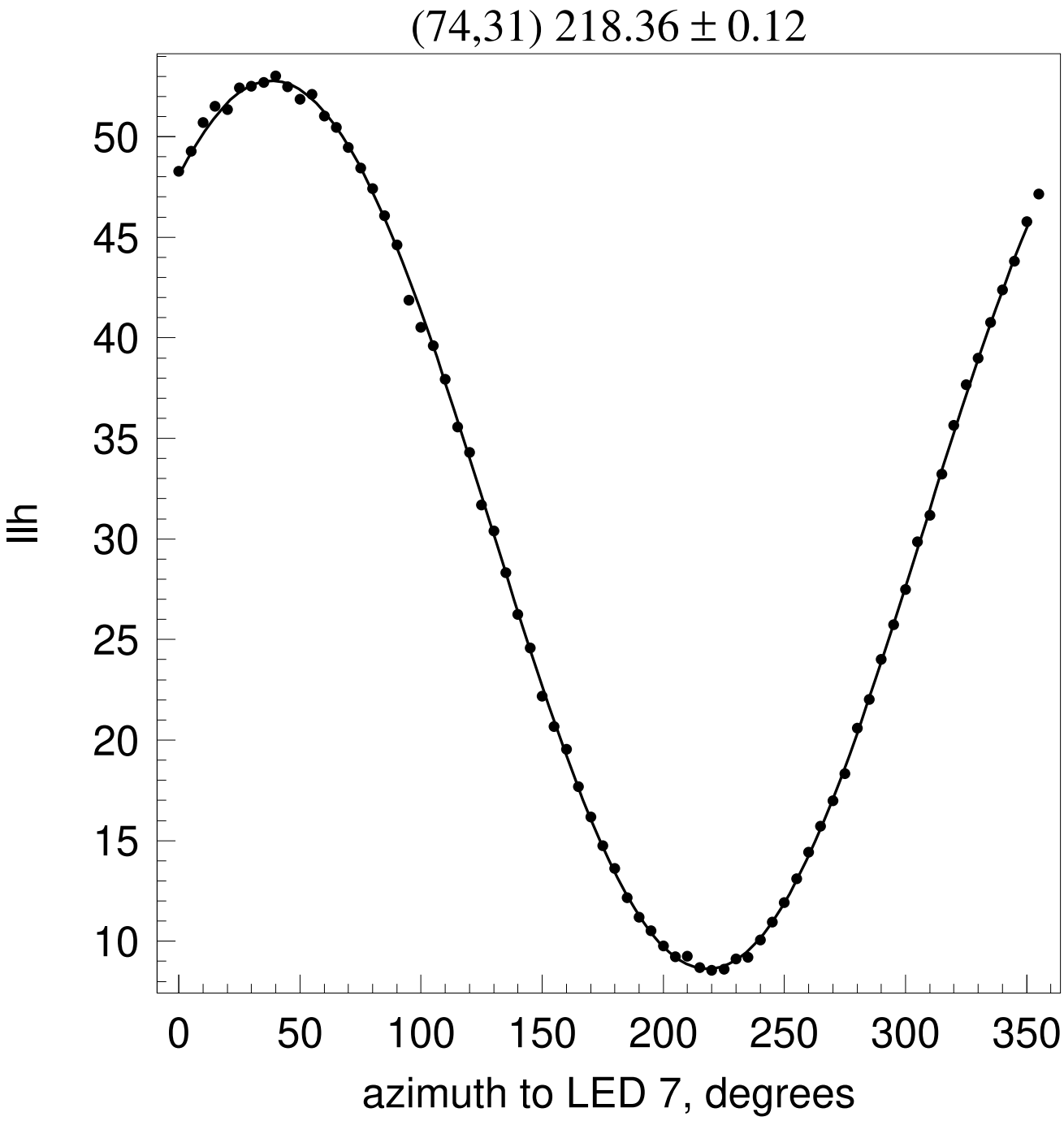

(74,26) 304.73 ± 0.13
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

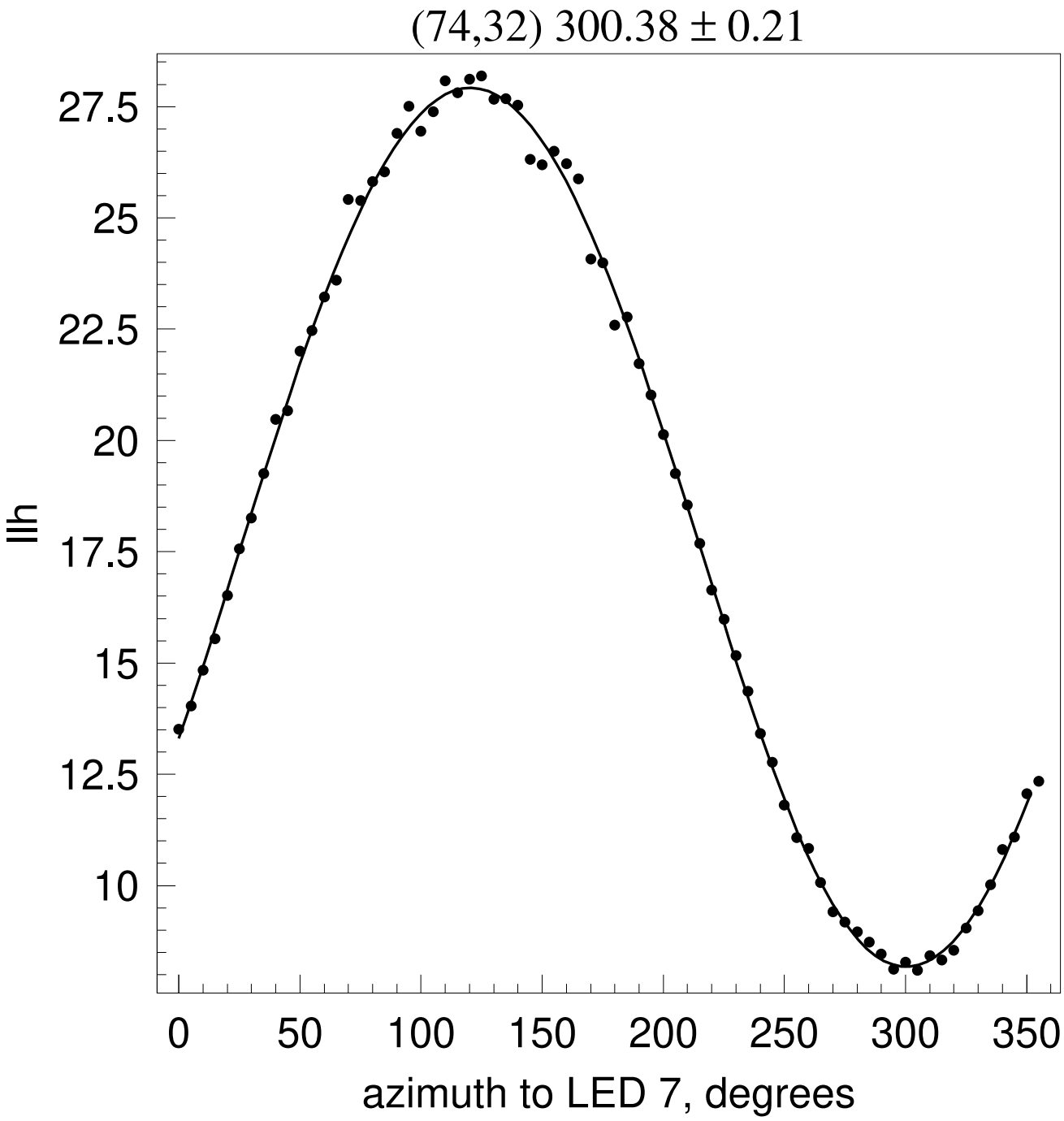

(74,27) 290.14 ± 0.08
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

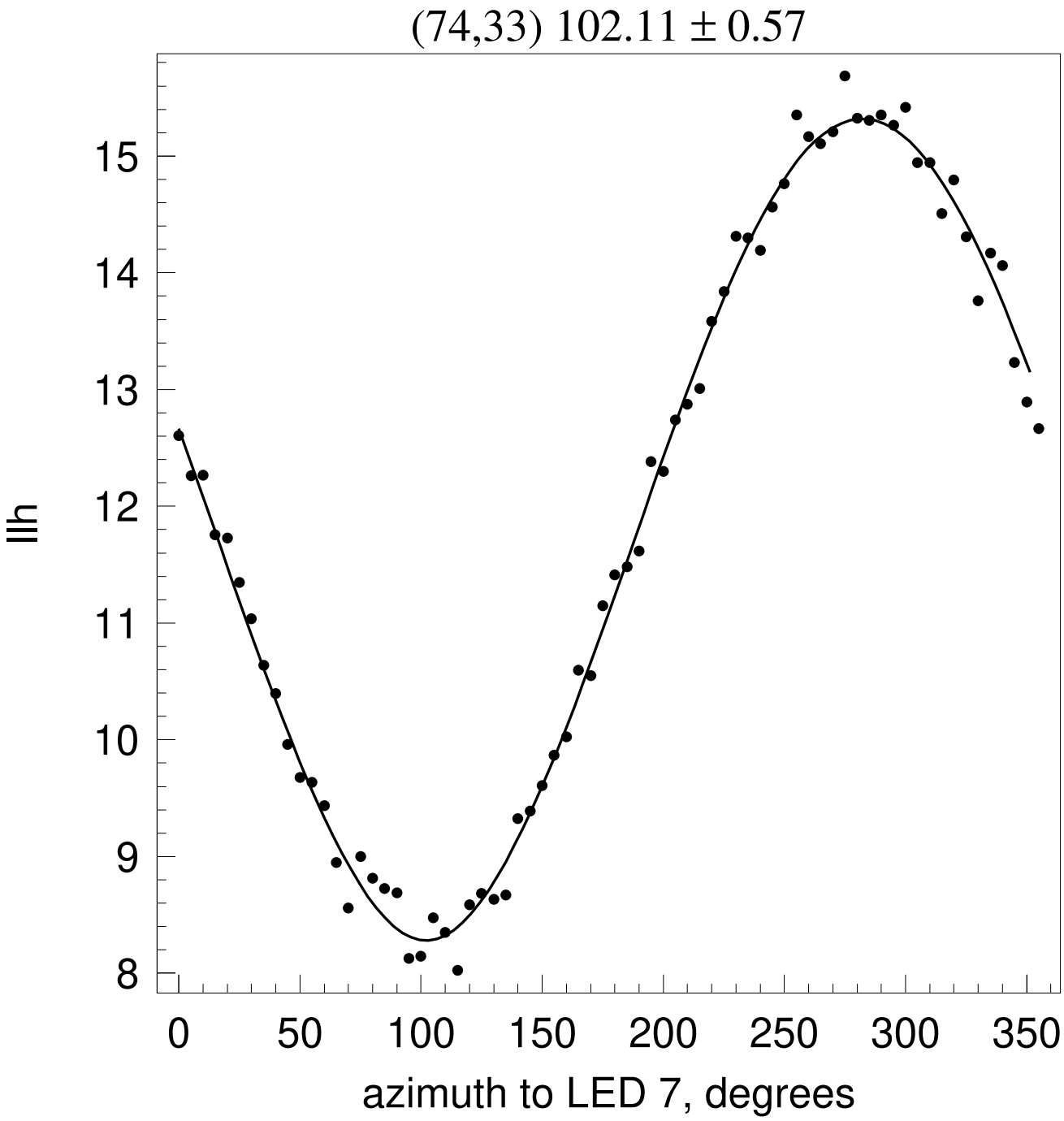

(74,28) 314.37 ± 0.07
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

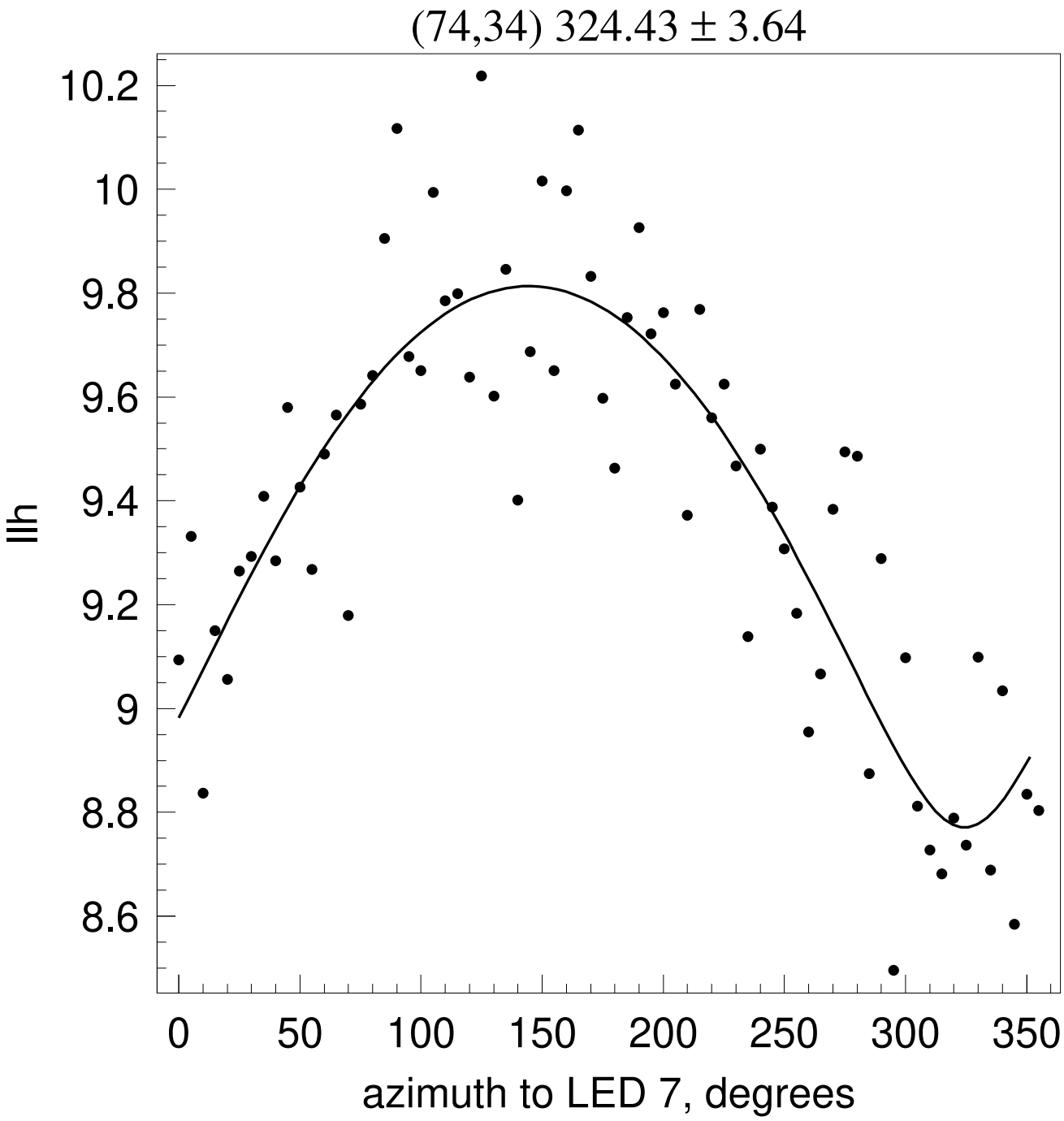

(74,29) 218.63 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

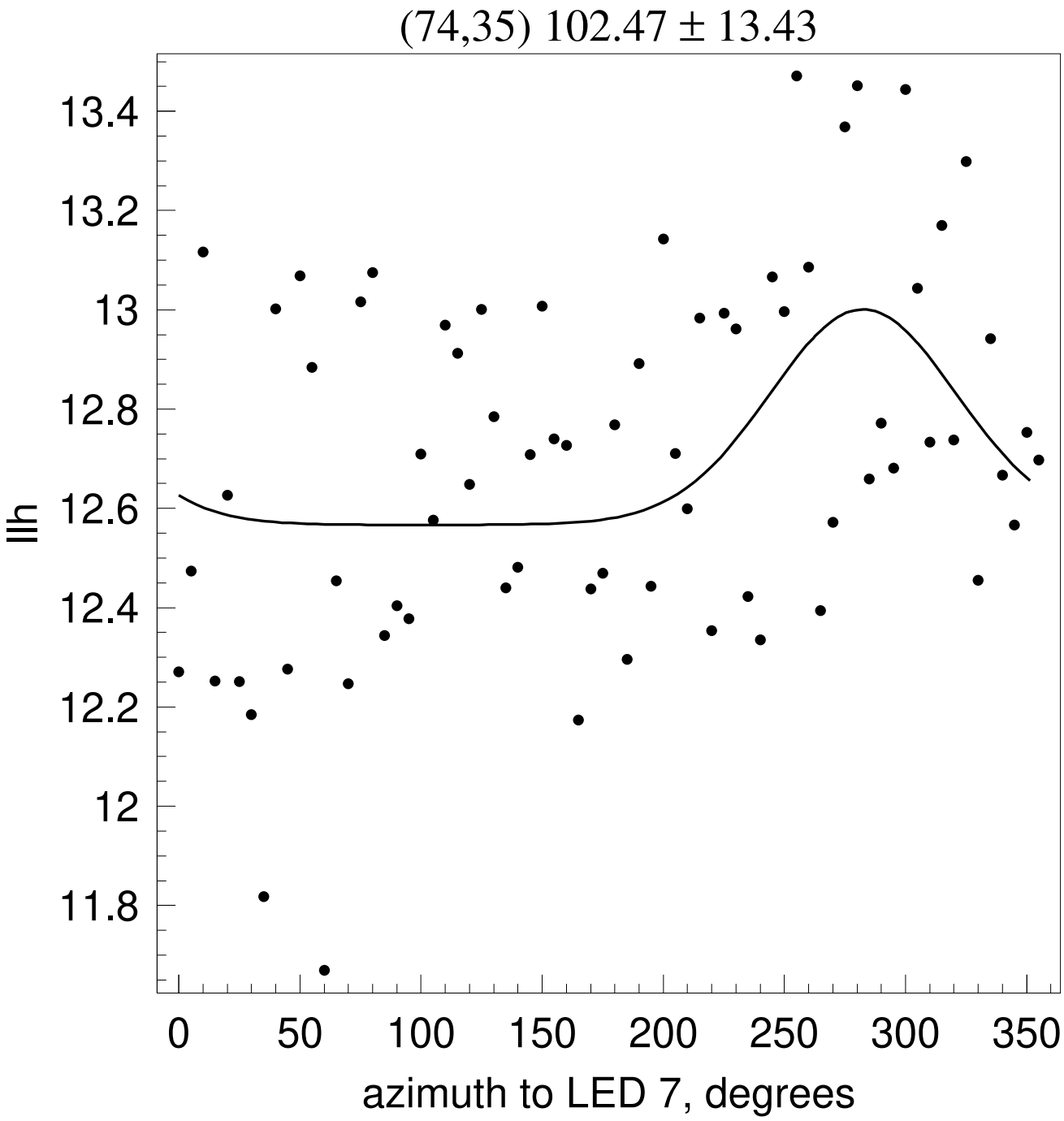

(74,30) 285.27 ± 0.08
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

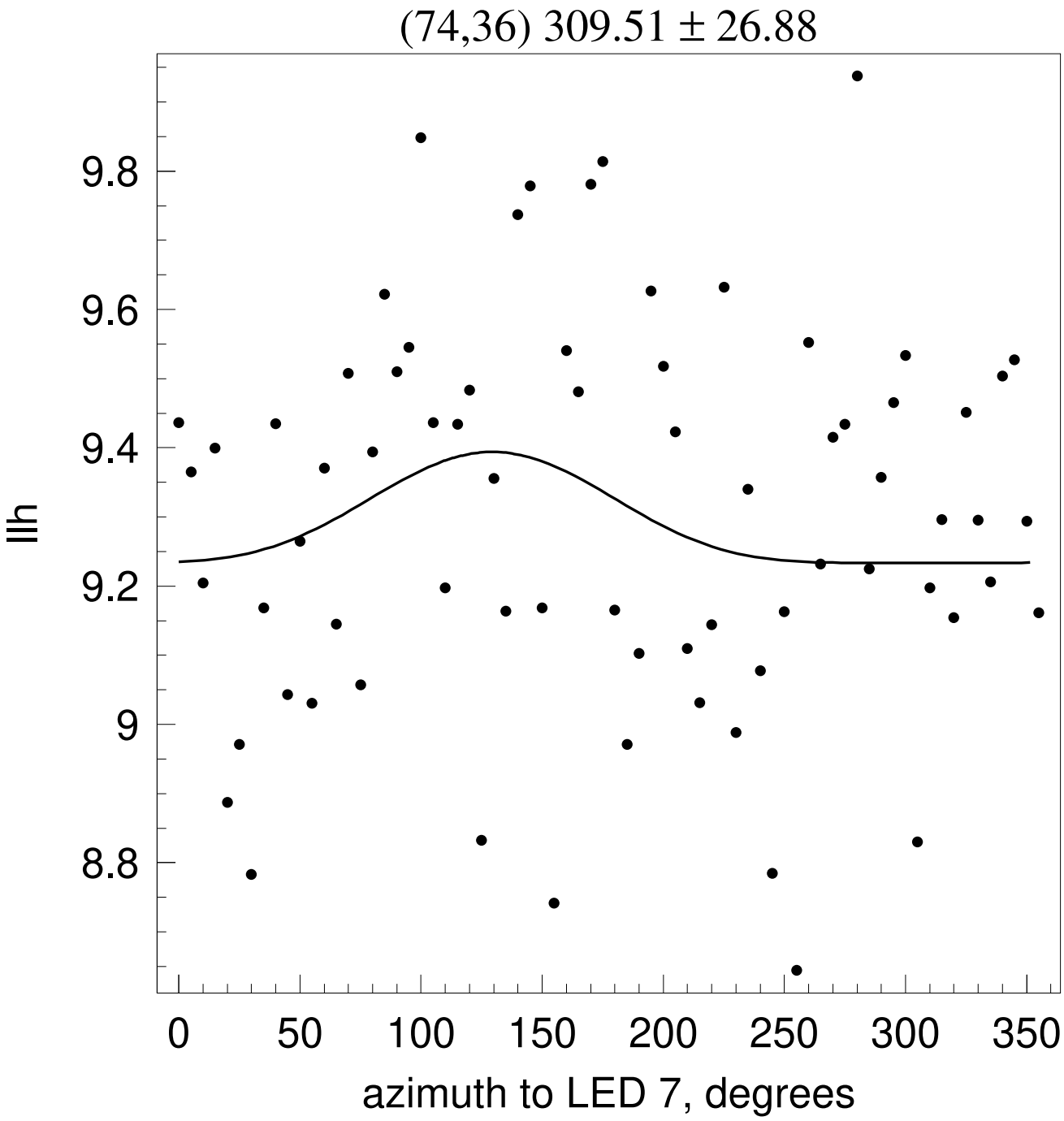

(74,31) 218.36 ± 0.12
IIh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

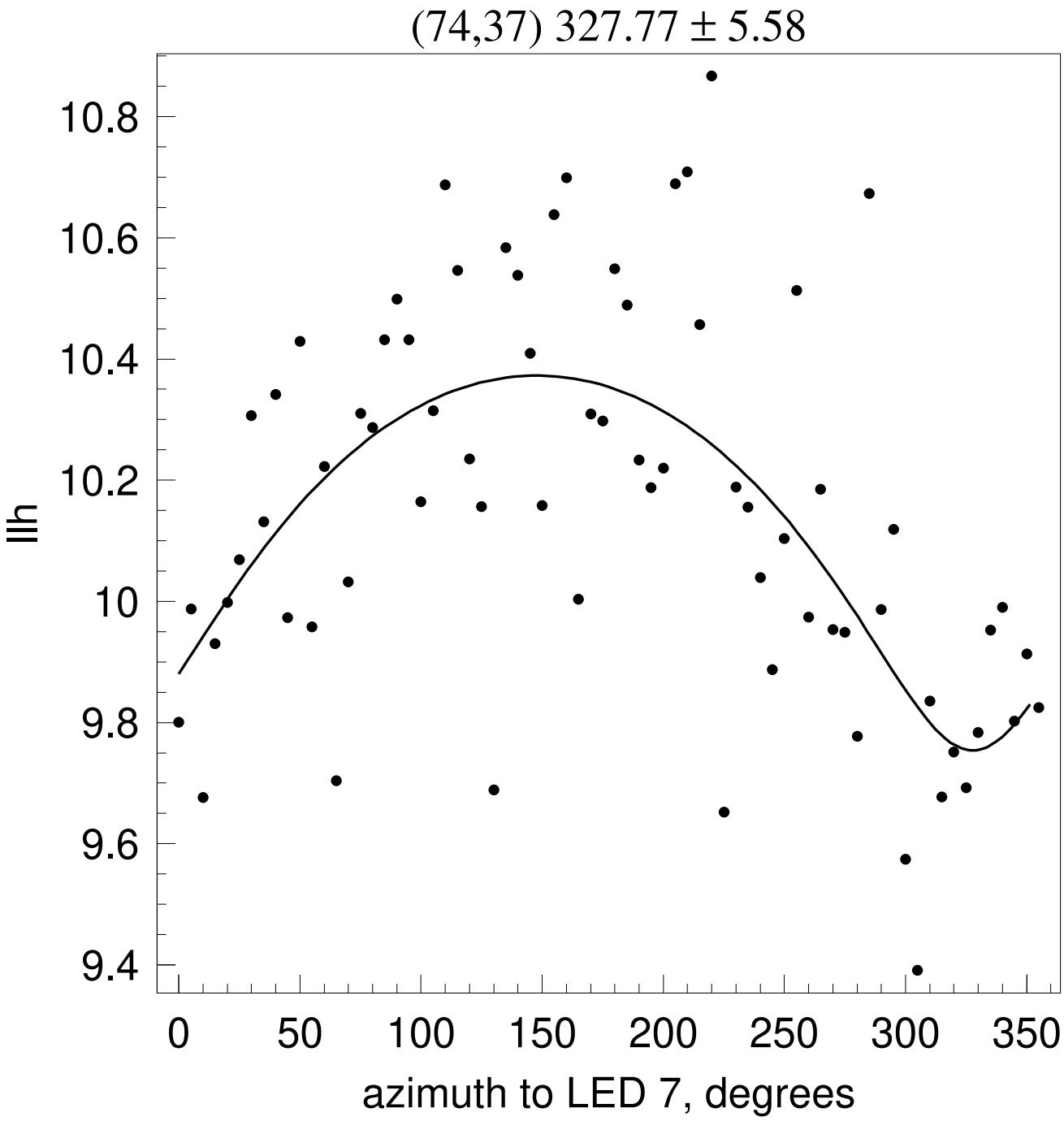

(74,32) 300.38 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

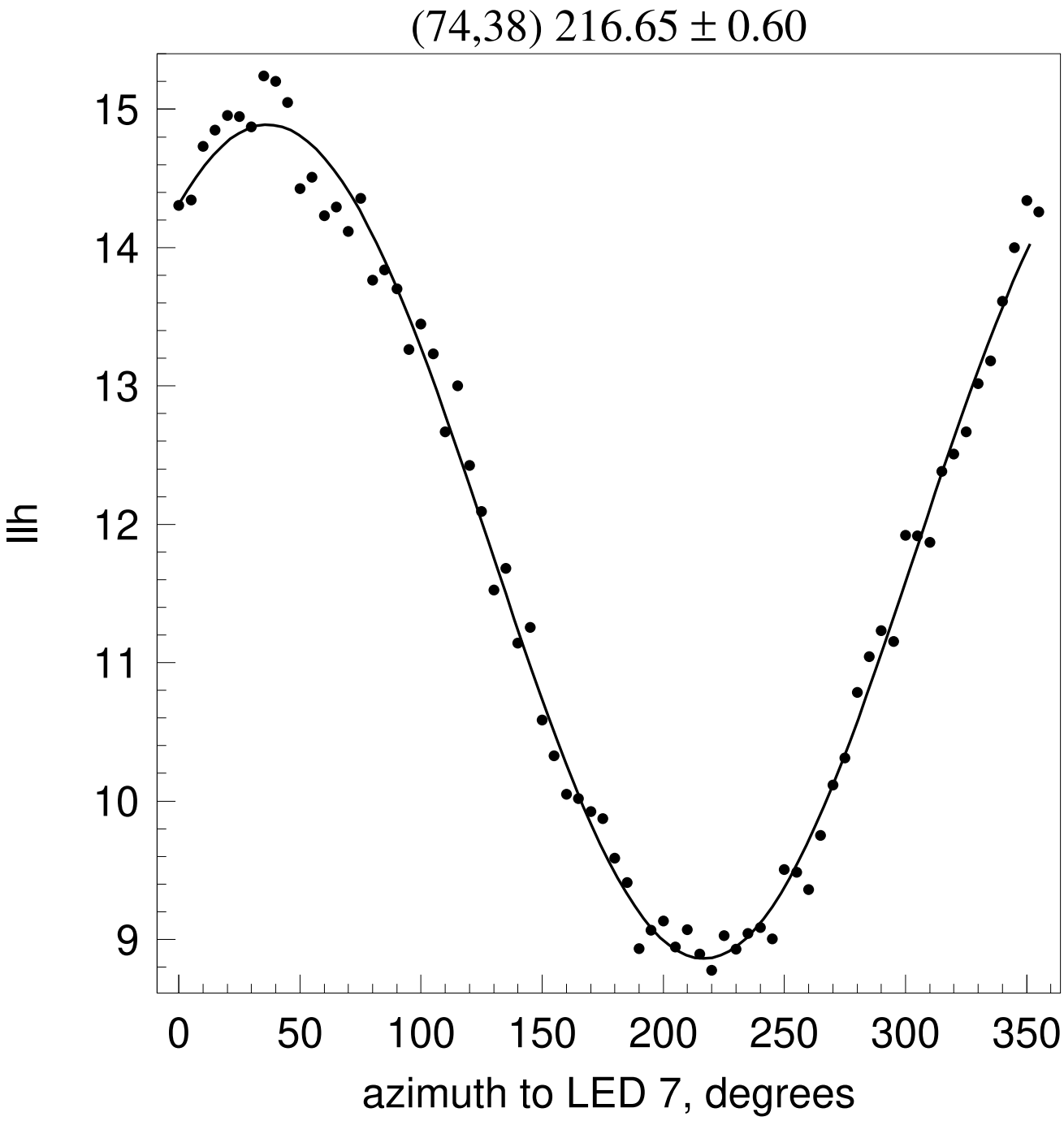

(74,33) 102.11 ± 0.57
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

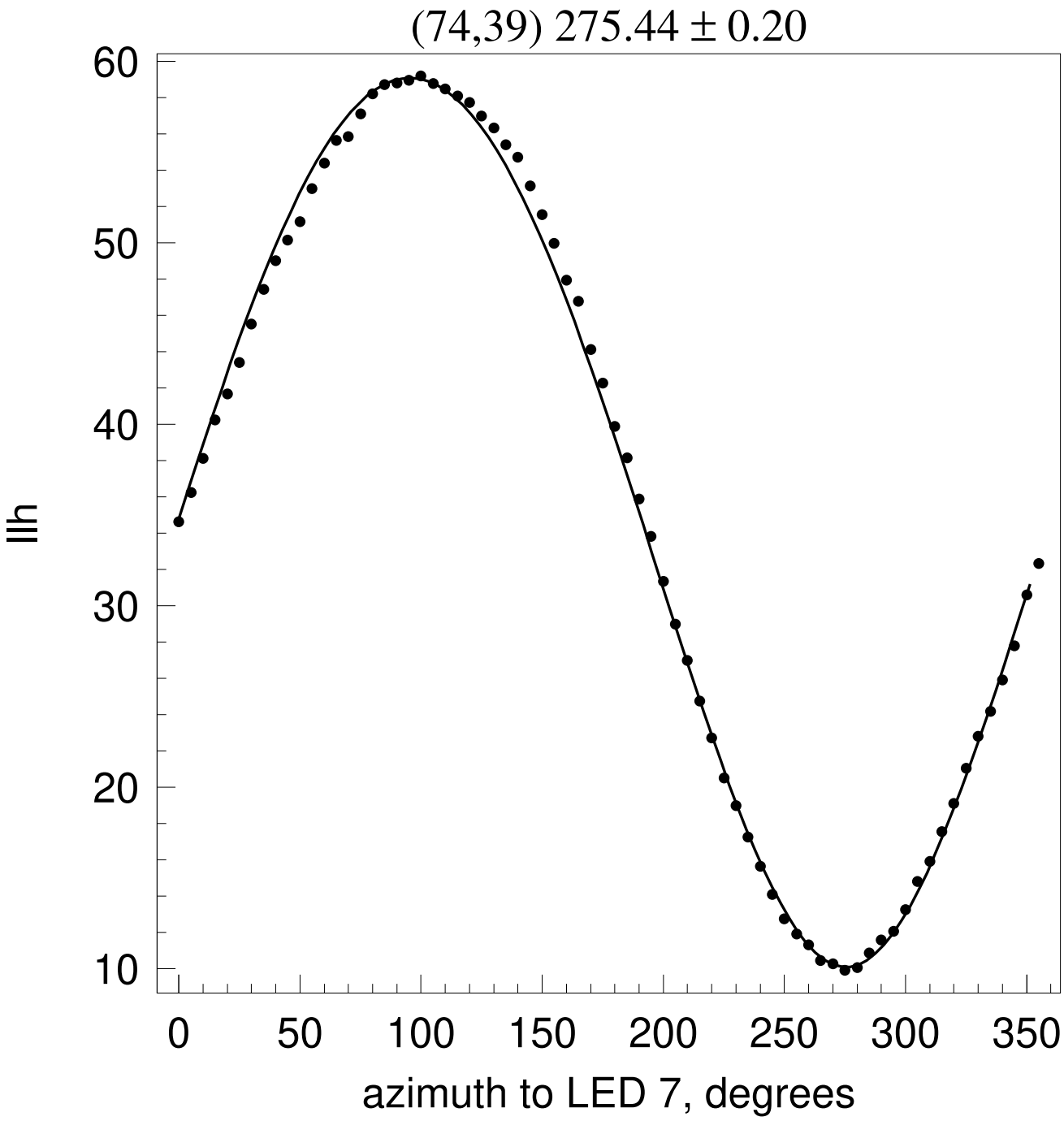

(74,34) 324.43 ± 3.64
10.2
10
9.8
9.6
9.4
9.2
9
8.8
8.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

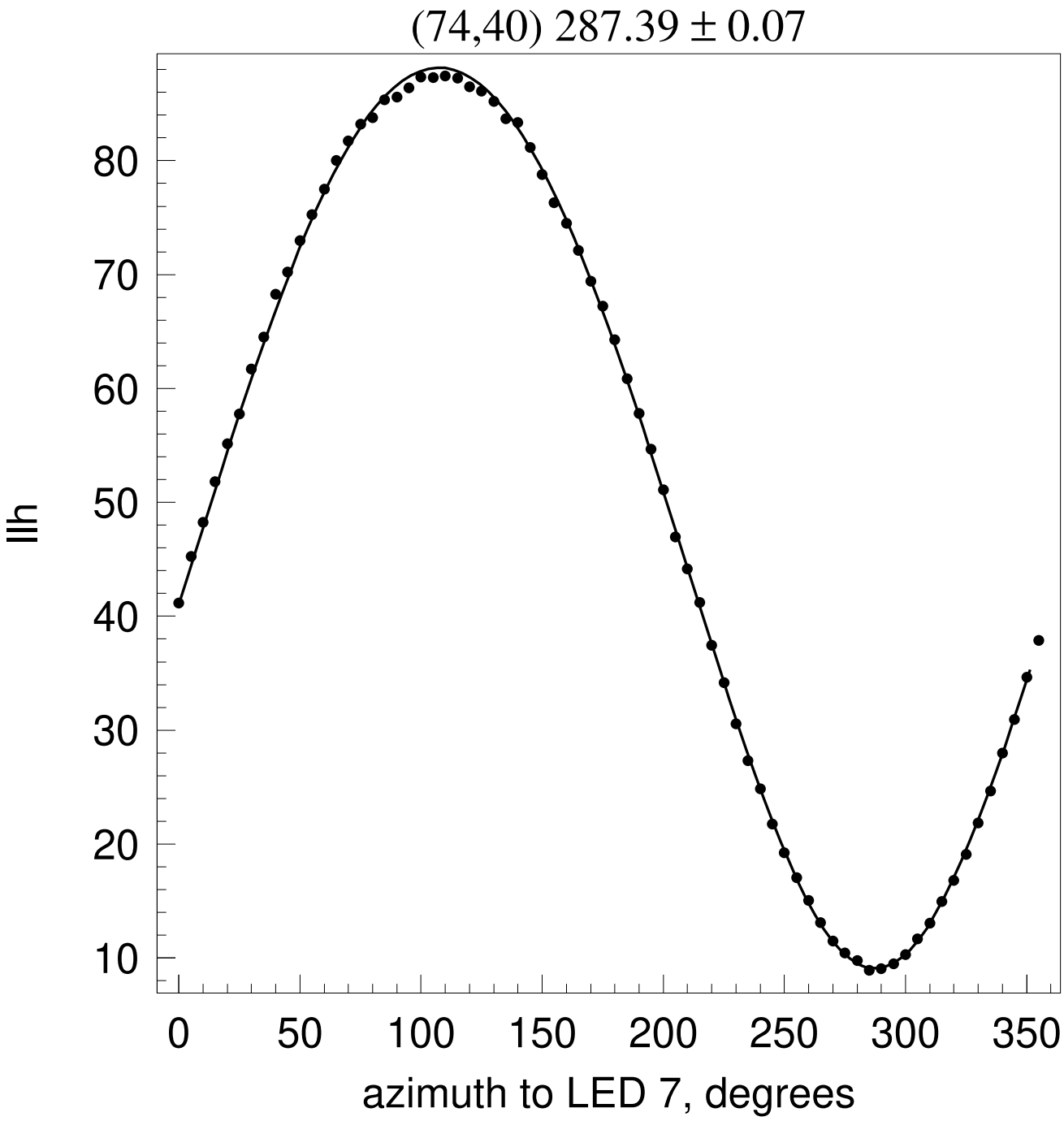

(74,35) 102.47 ± 13.43
13.4
13.2
13
12.8
12.6
12.4
12.2
12
11.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

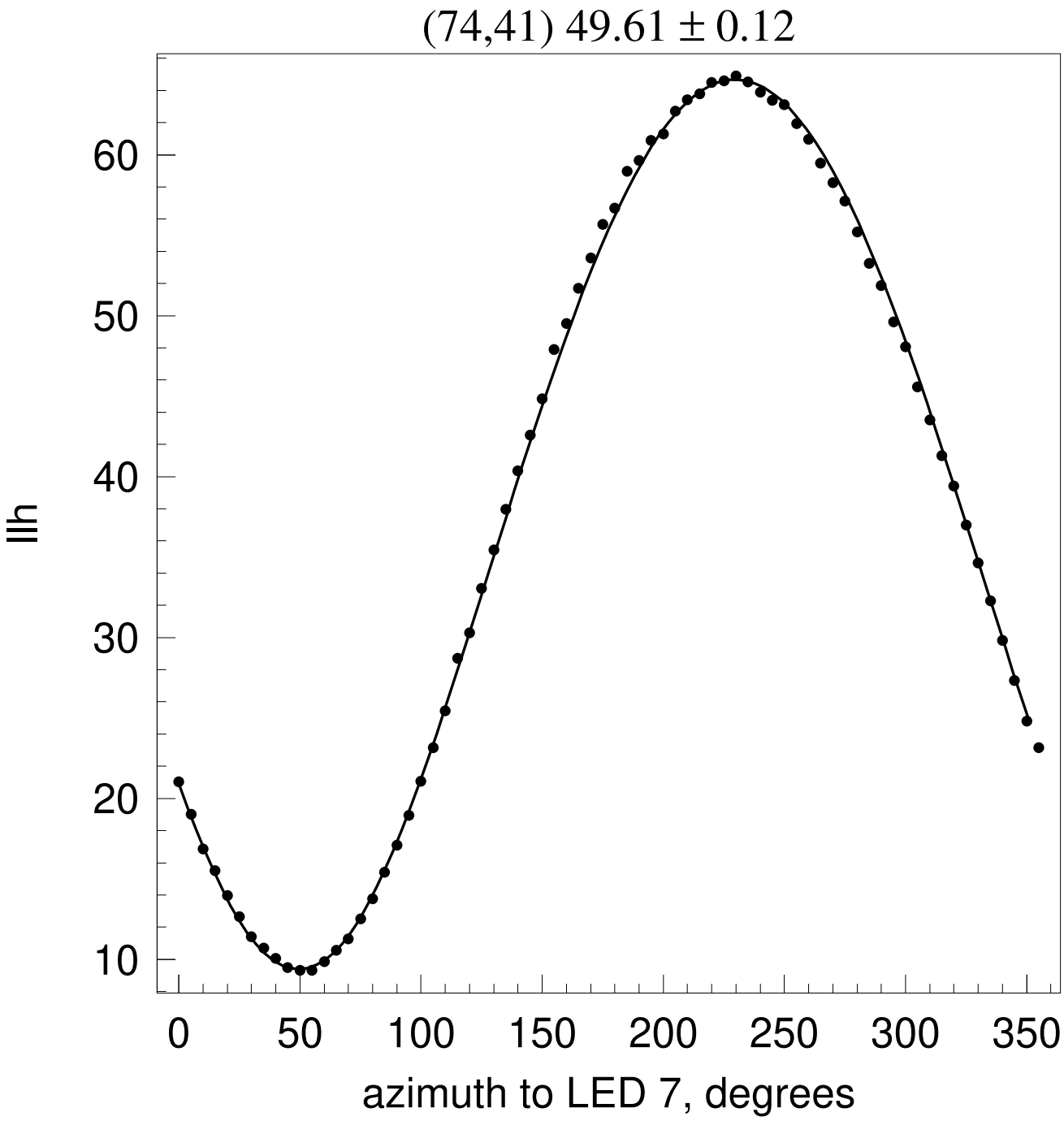

(74,36) 309.51 ± 26.88
9.8
9.6
9.4
9.2
9
8.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

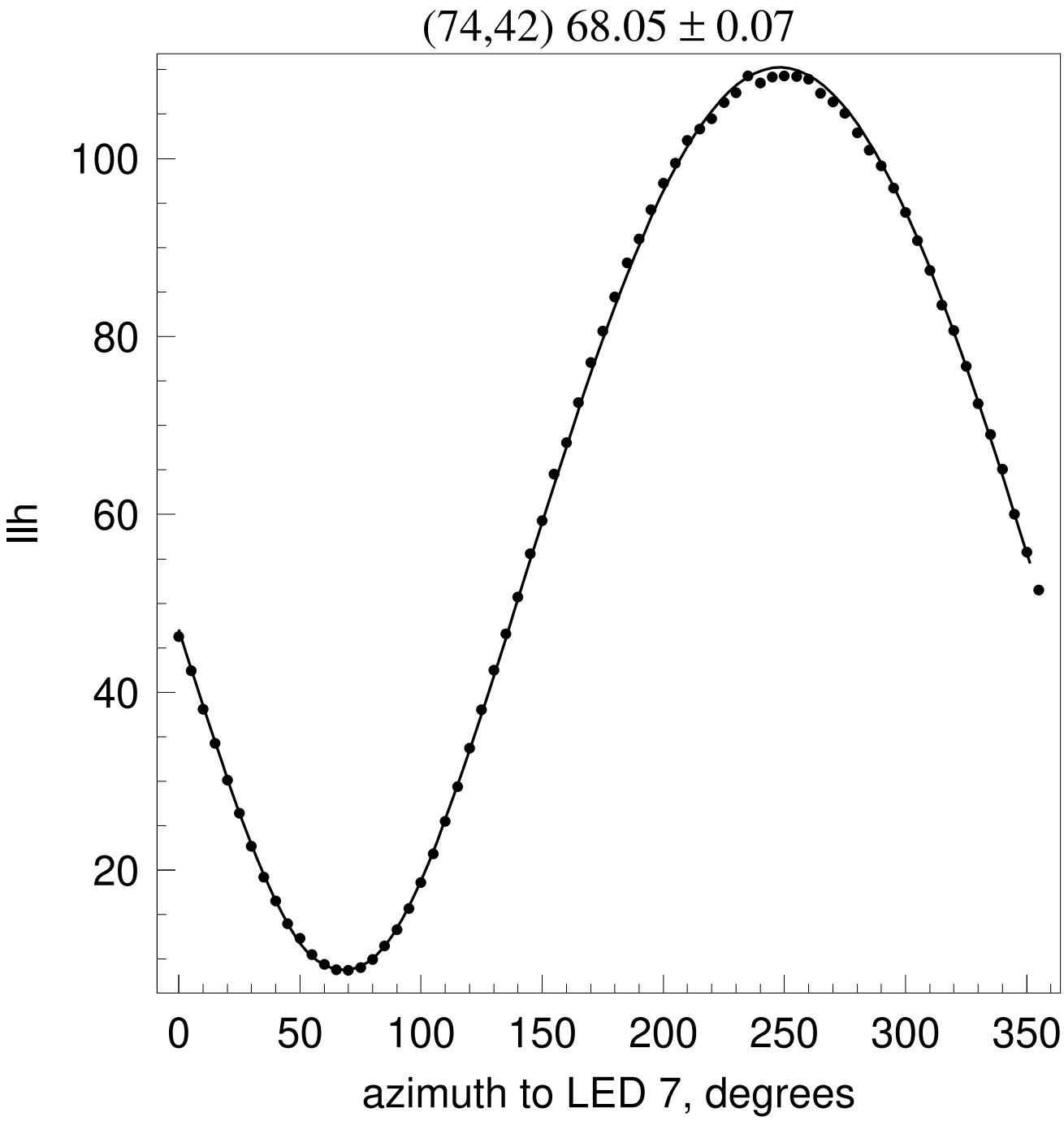

(74,37) 327.77 ± 5.58
10.8
10.6
10.4
10.2
10
9.8
9.6
9.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

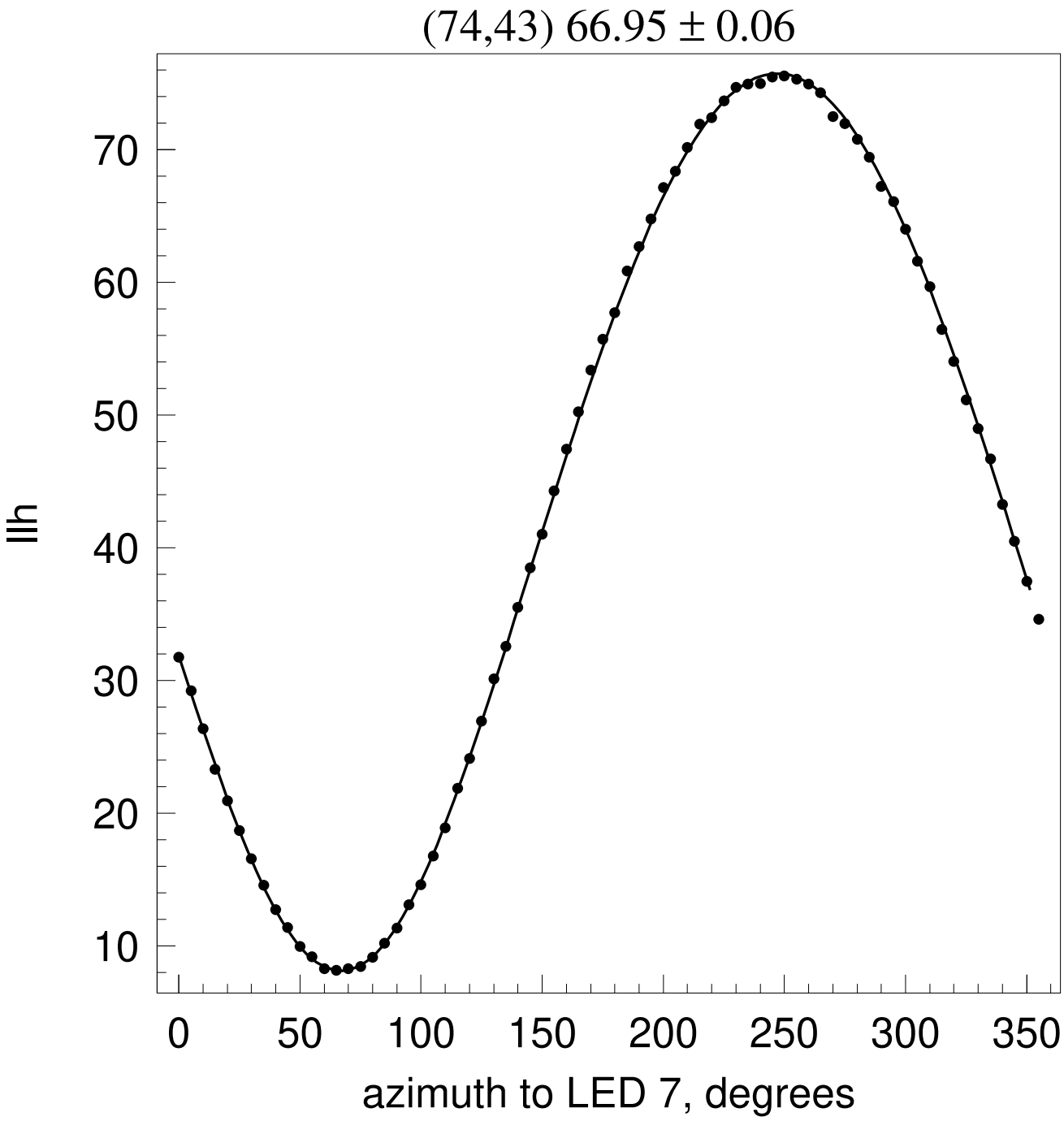

(74,38) 216.65 ± 0.60
15
14
13
12
11
10
9
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

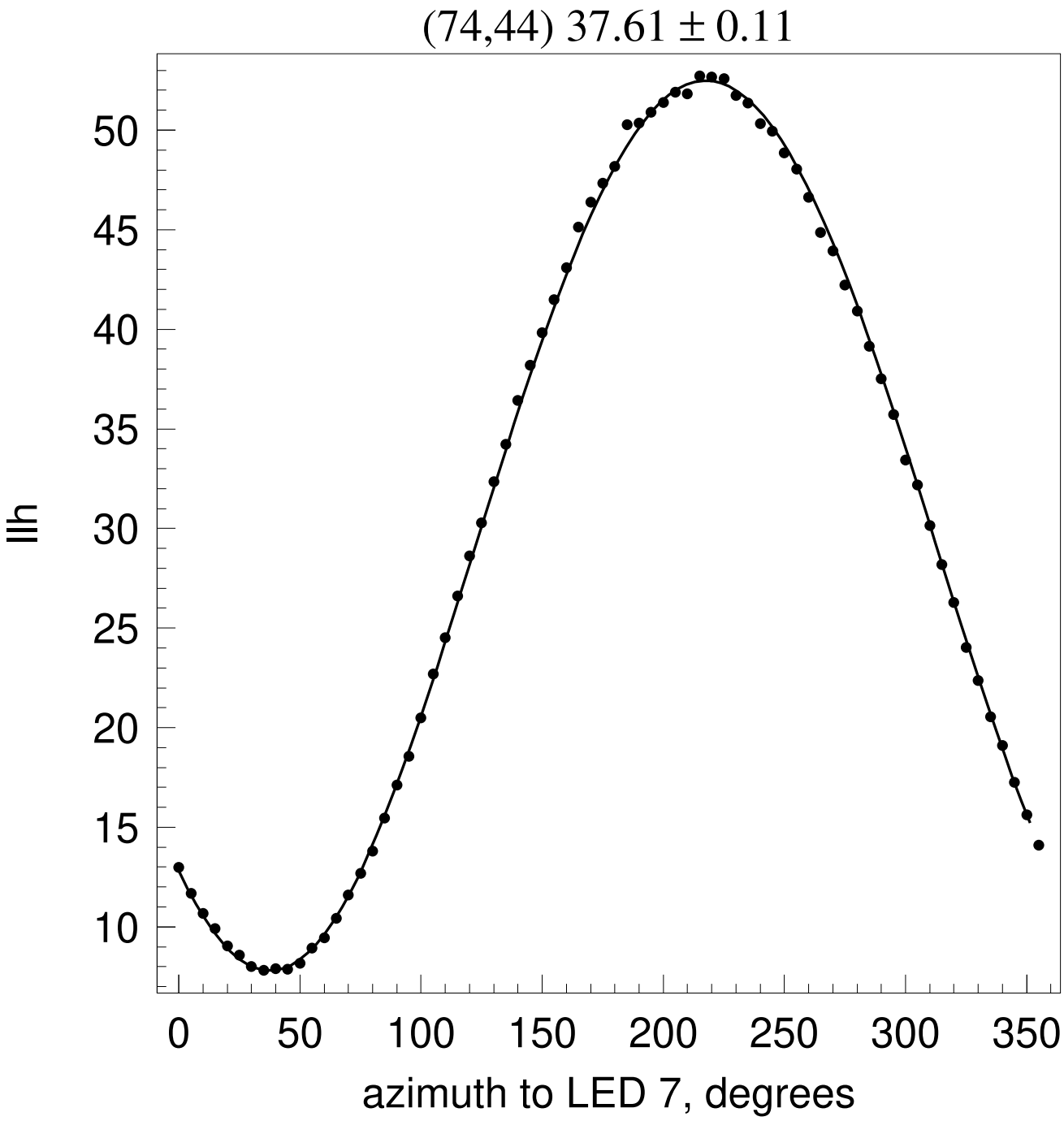

(74,39) 275.44 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

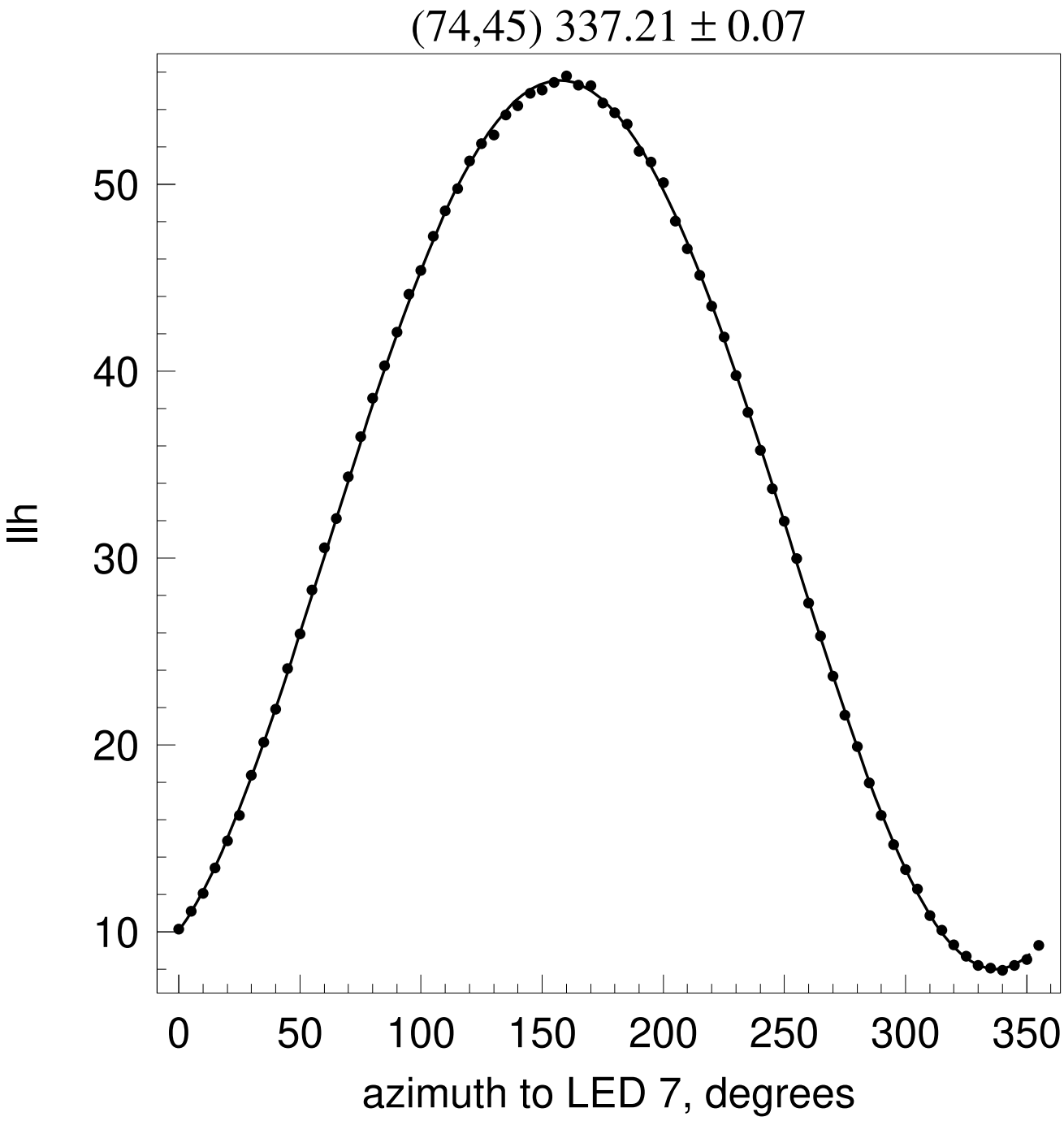

(74,40) 287.39 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

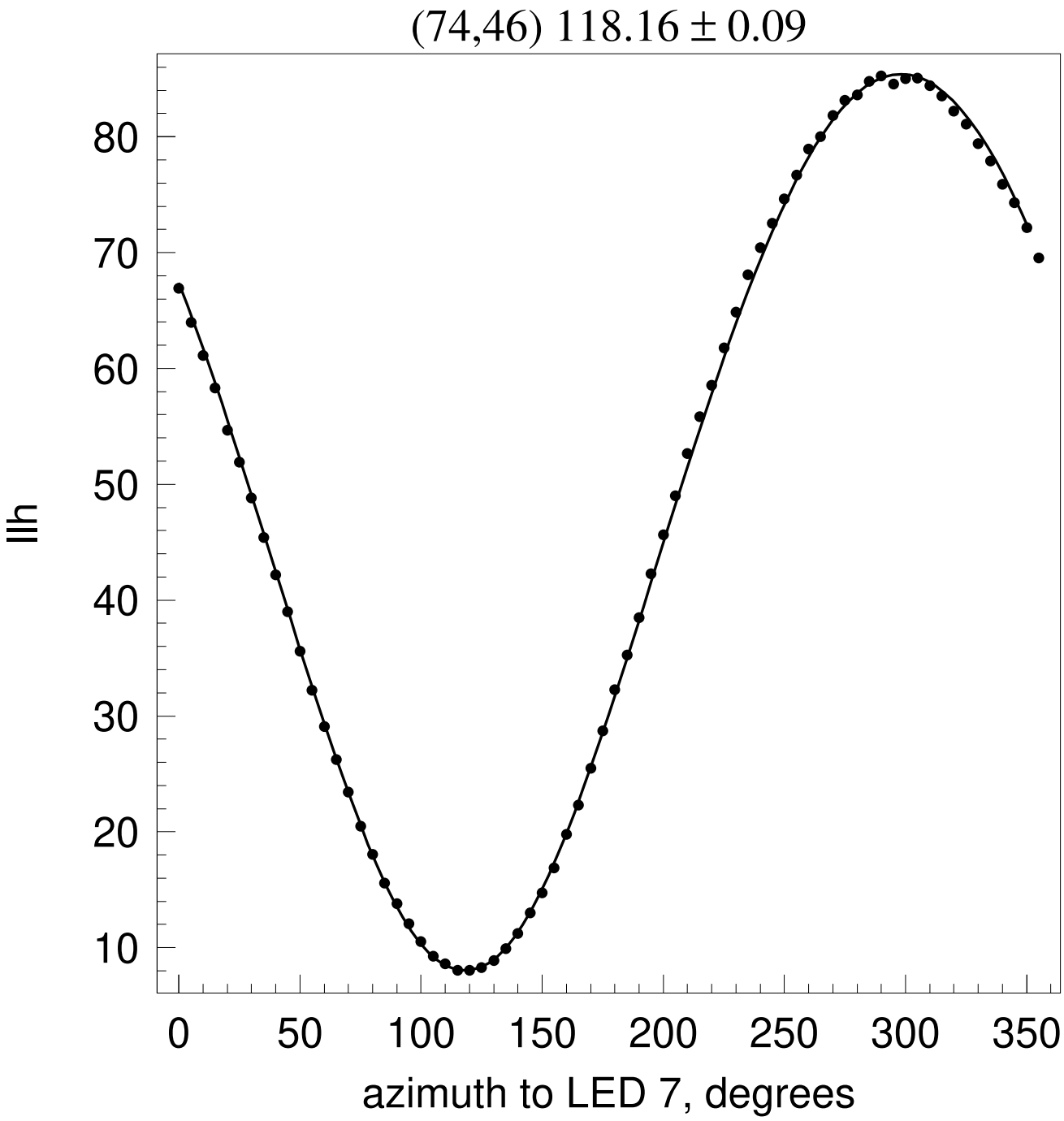

(74,41) 49.61 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

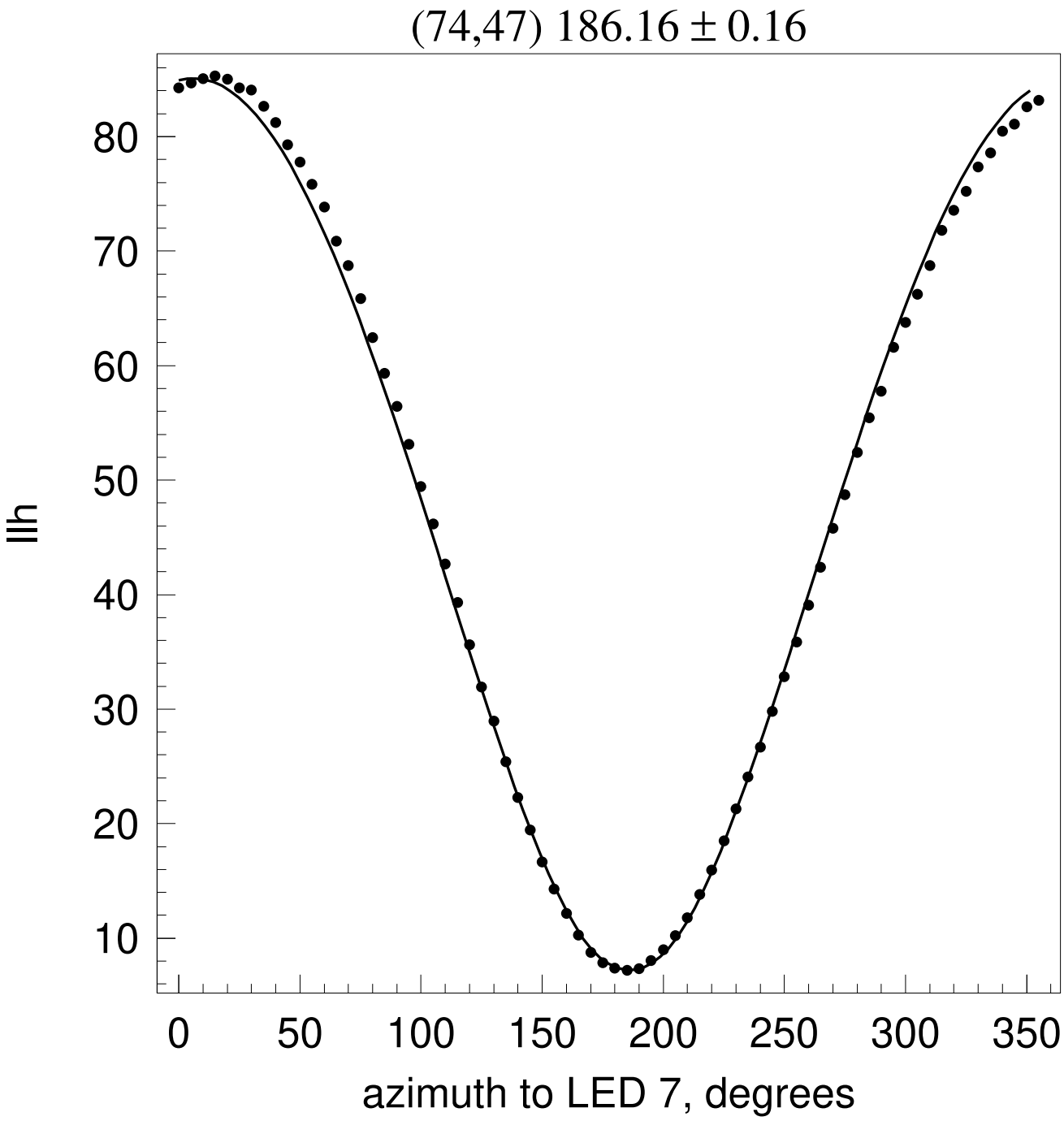

(74,42) 68.05 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

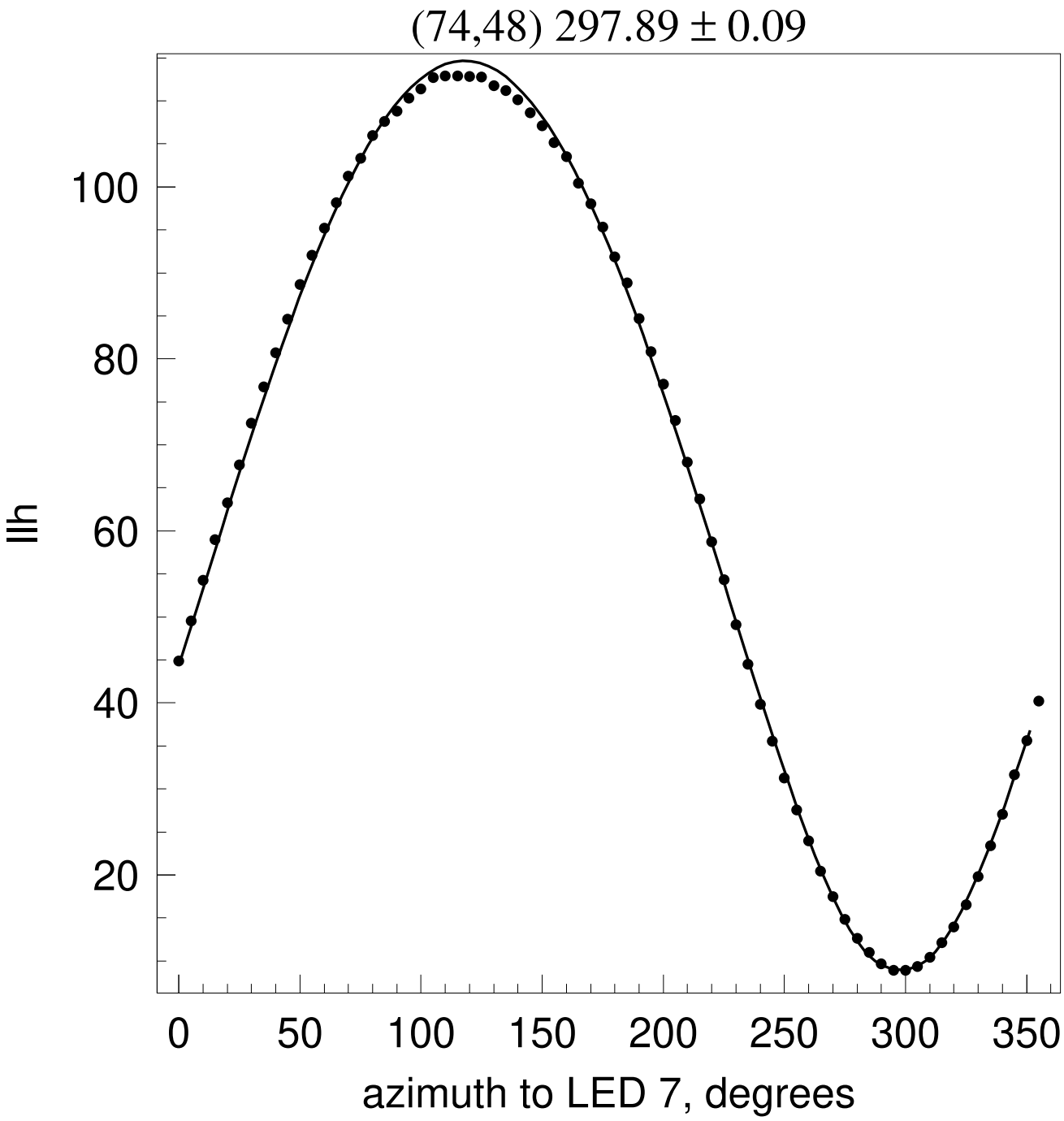

(74,43) 66.95 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

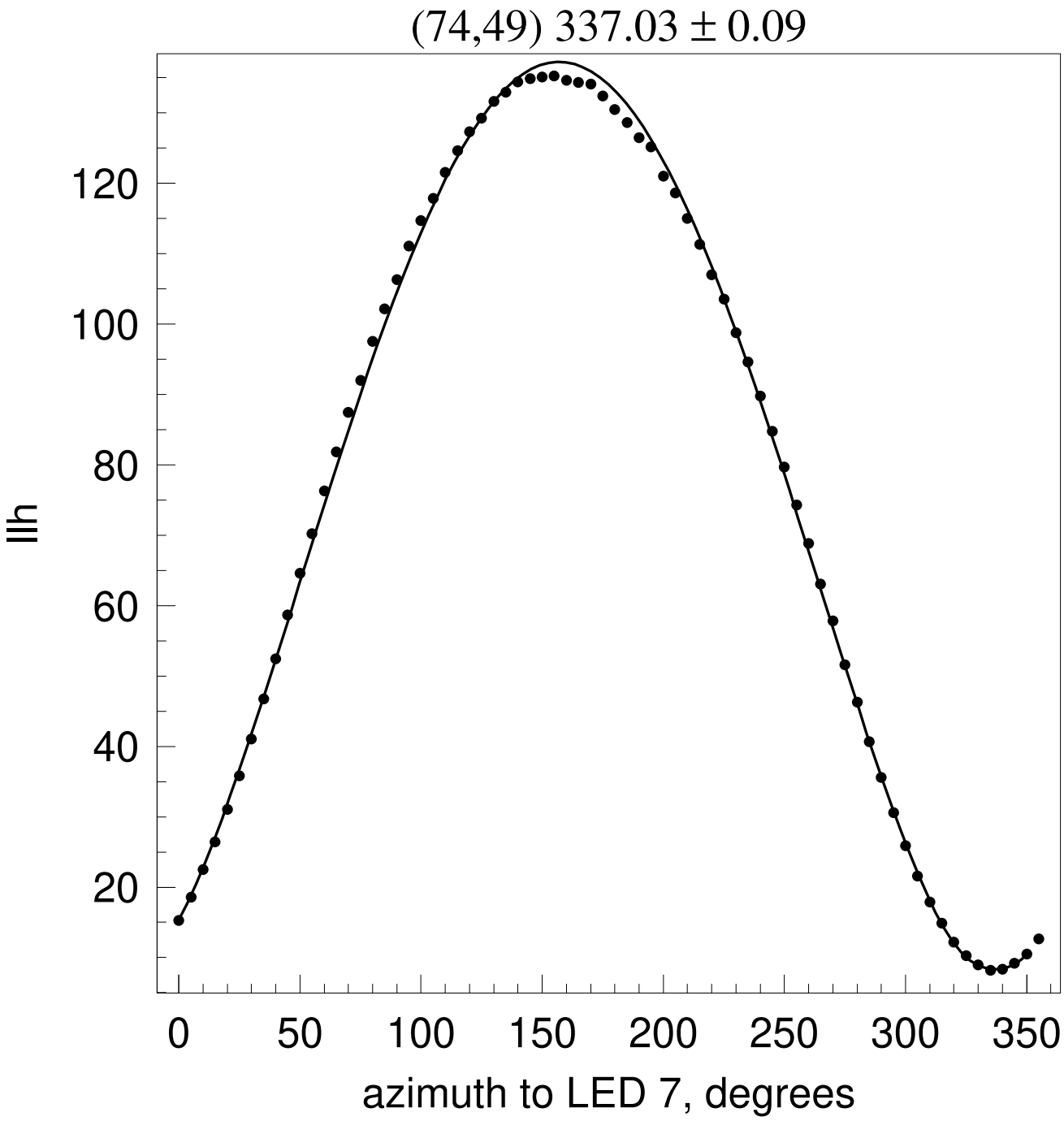

(74,44) 37.61 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

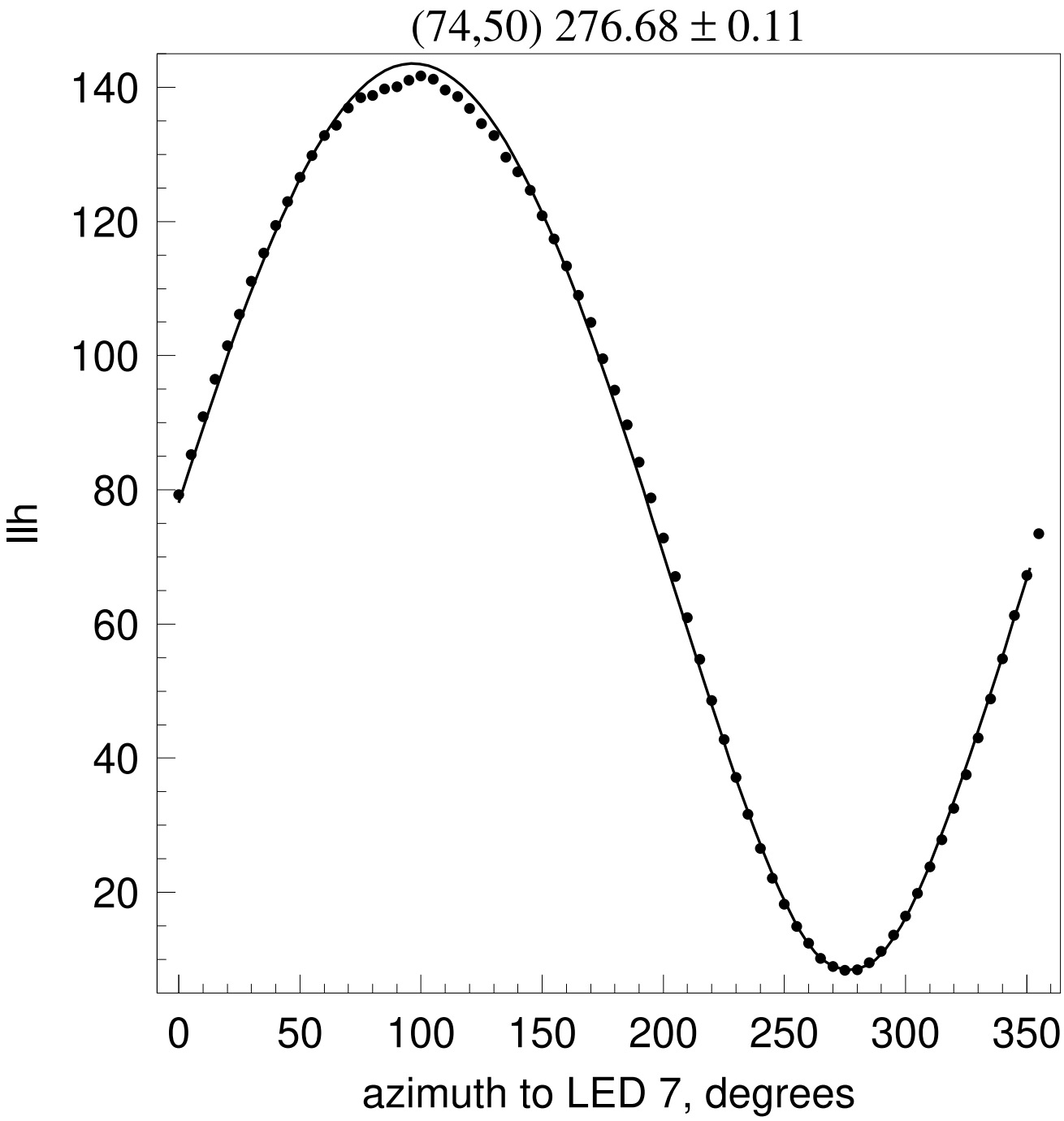

(74,45) 337.21 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

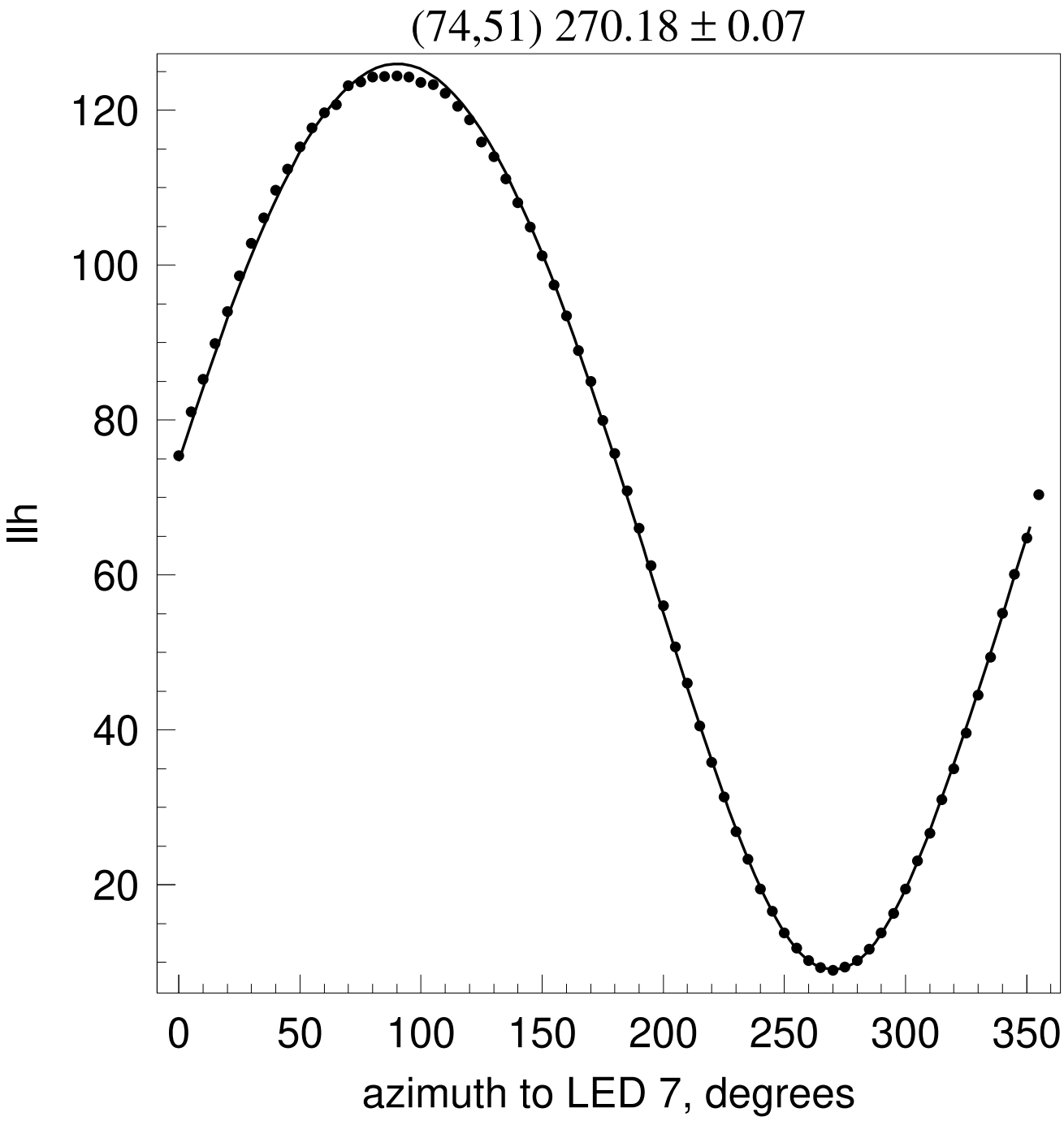

(74,46) 118.16 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

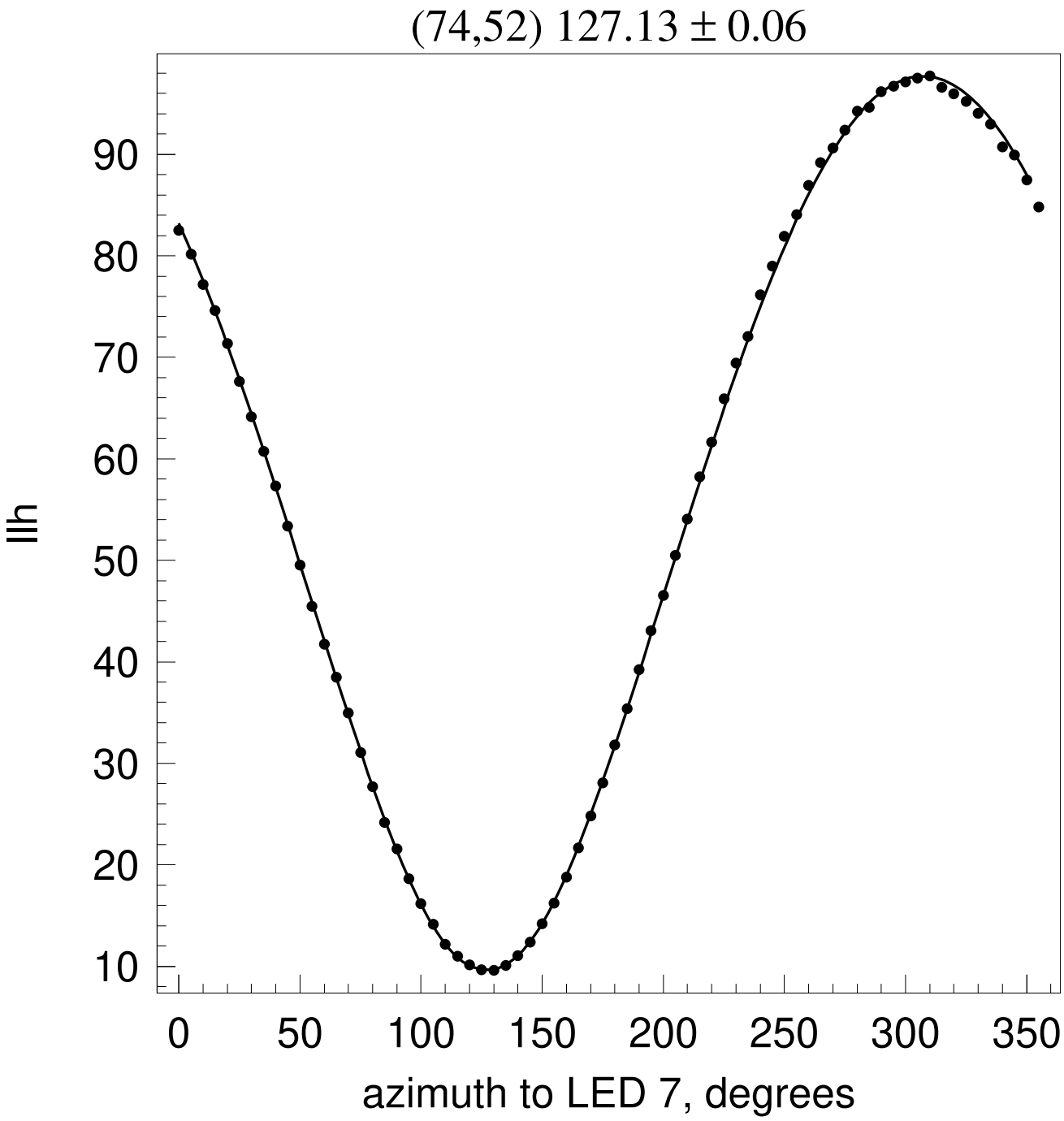

(74,47) 186.16 ± 0.16
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

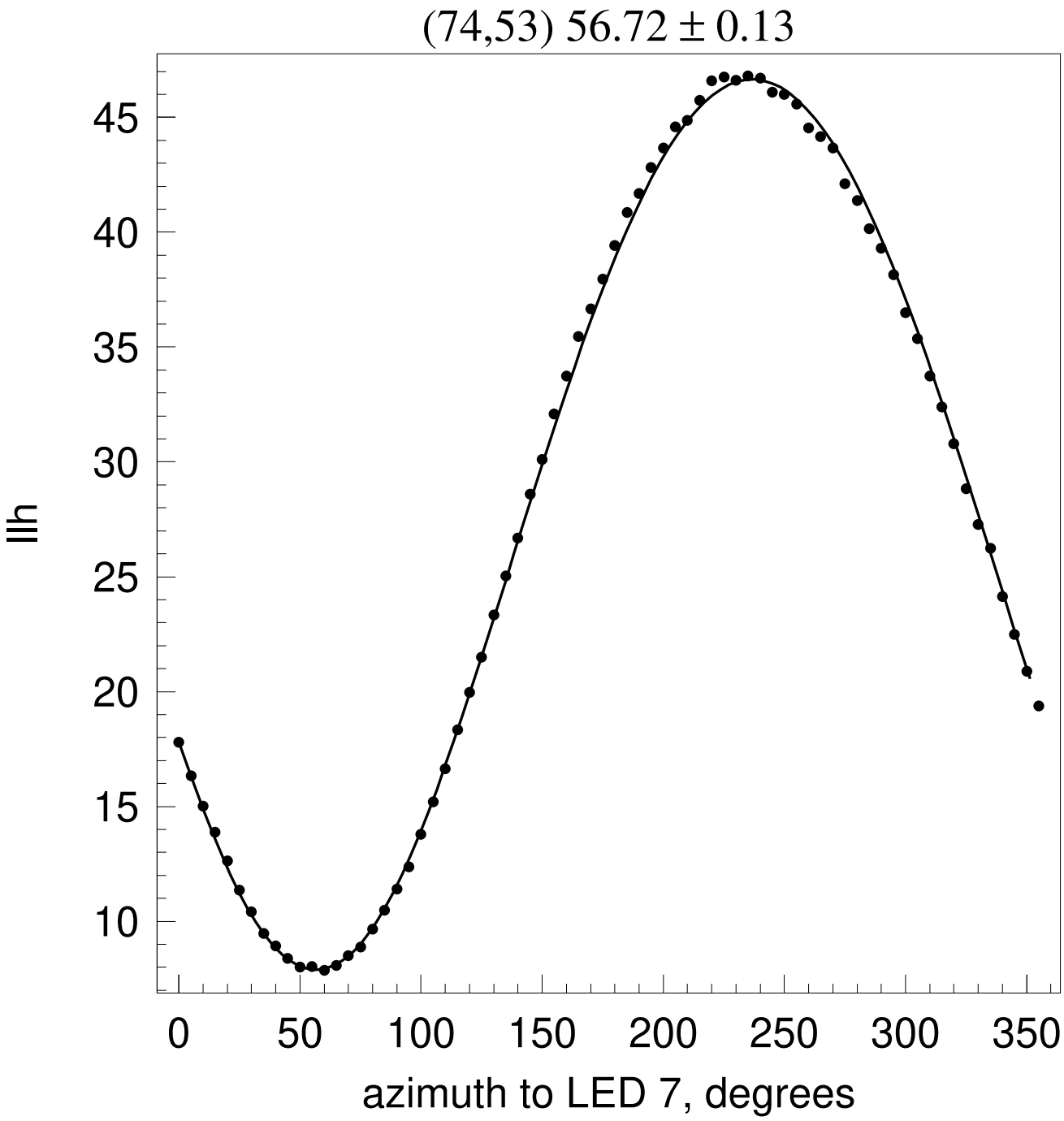

(74,48) 297.89 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

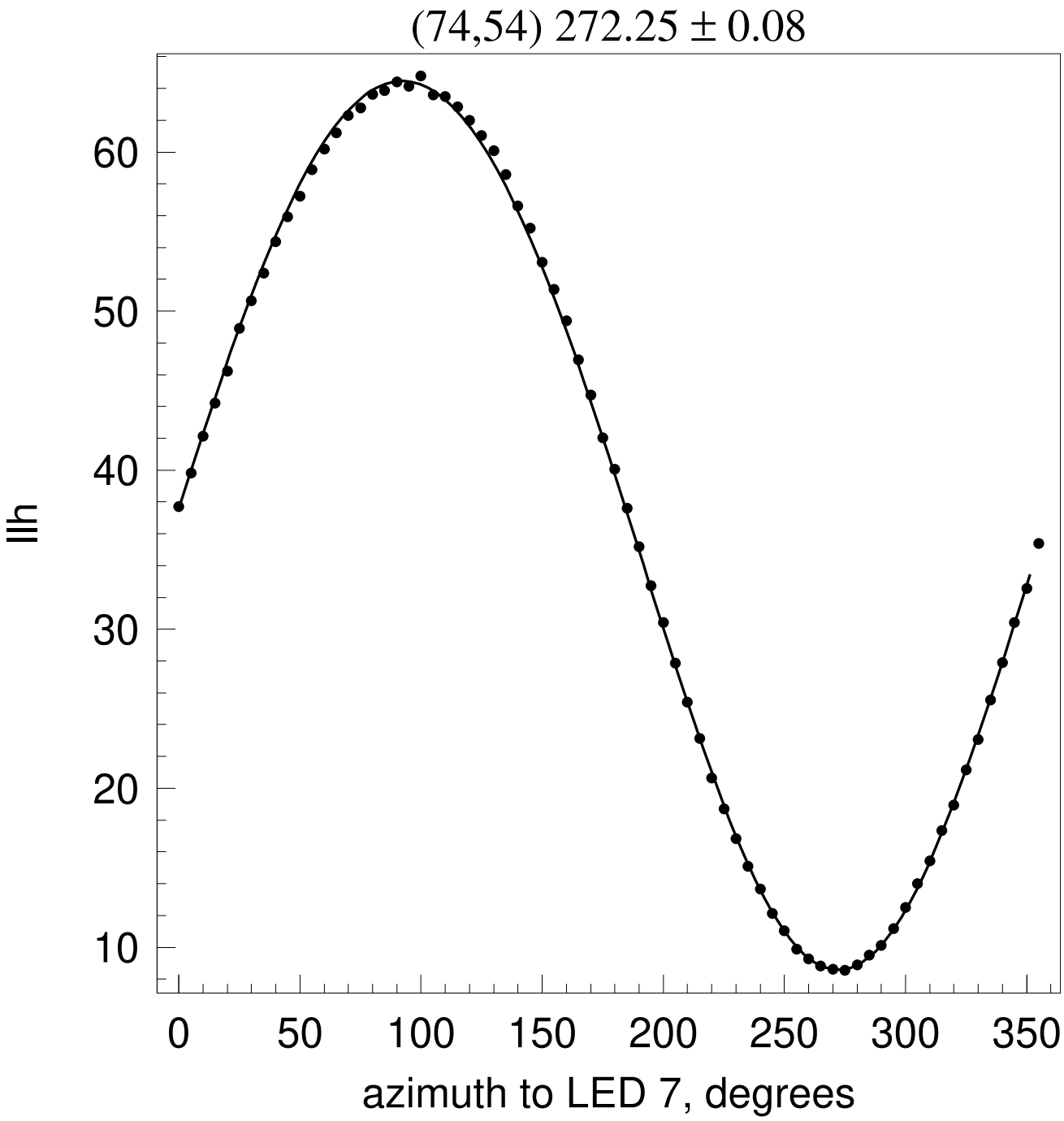

(74,49) 337.03 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

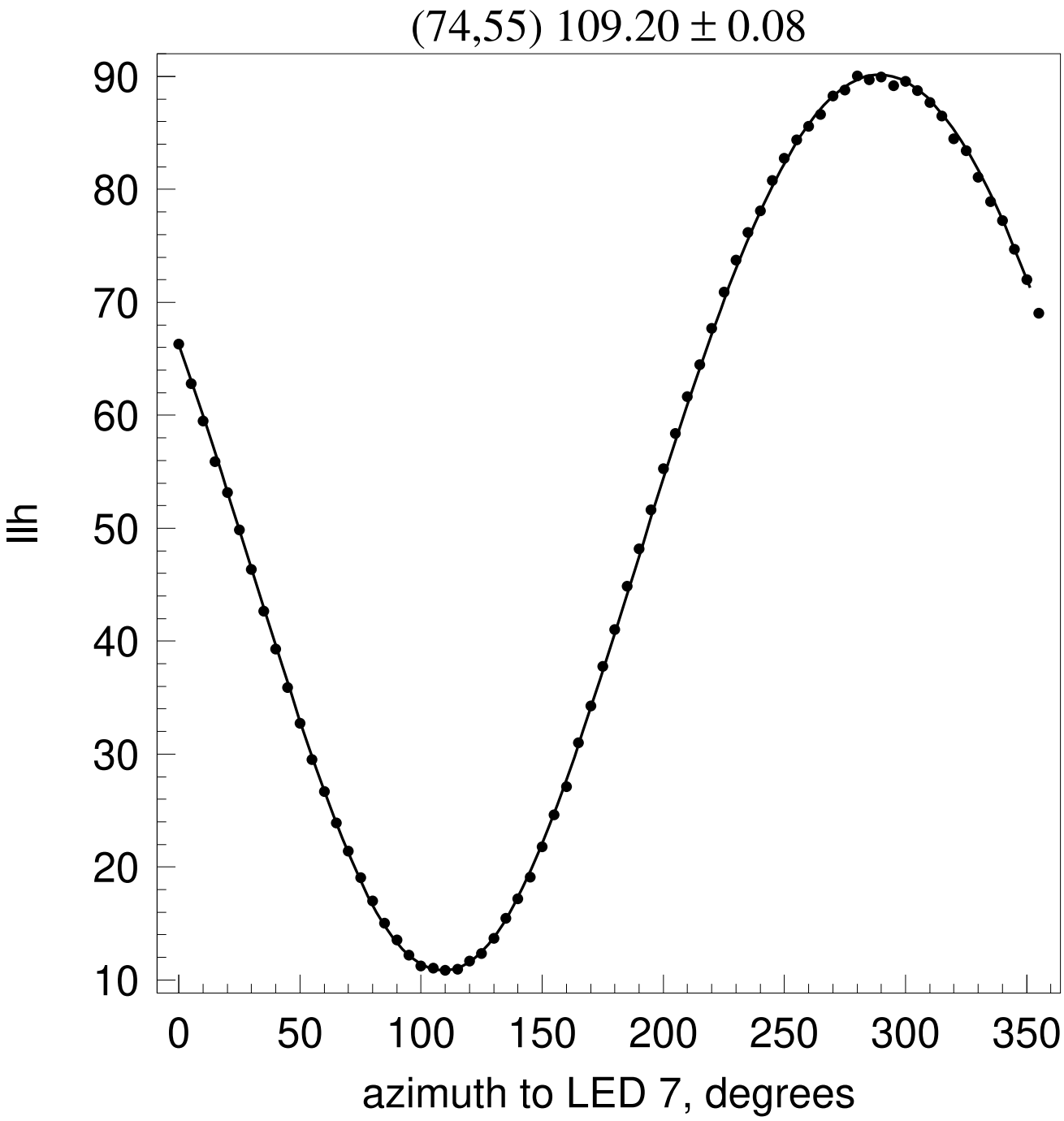

(74,50) 276.68 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

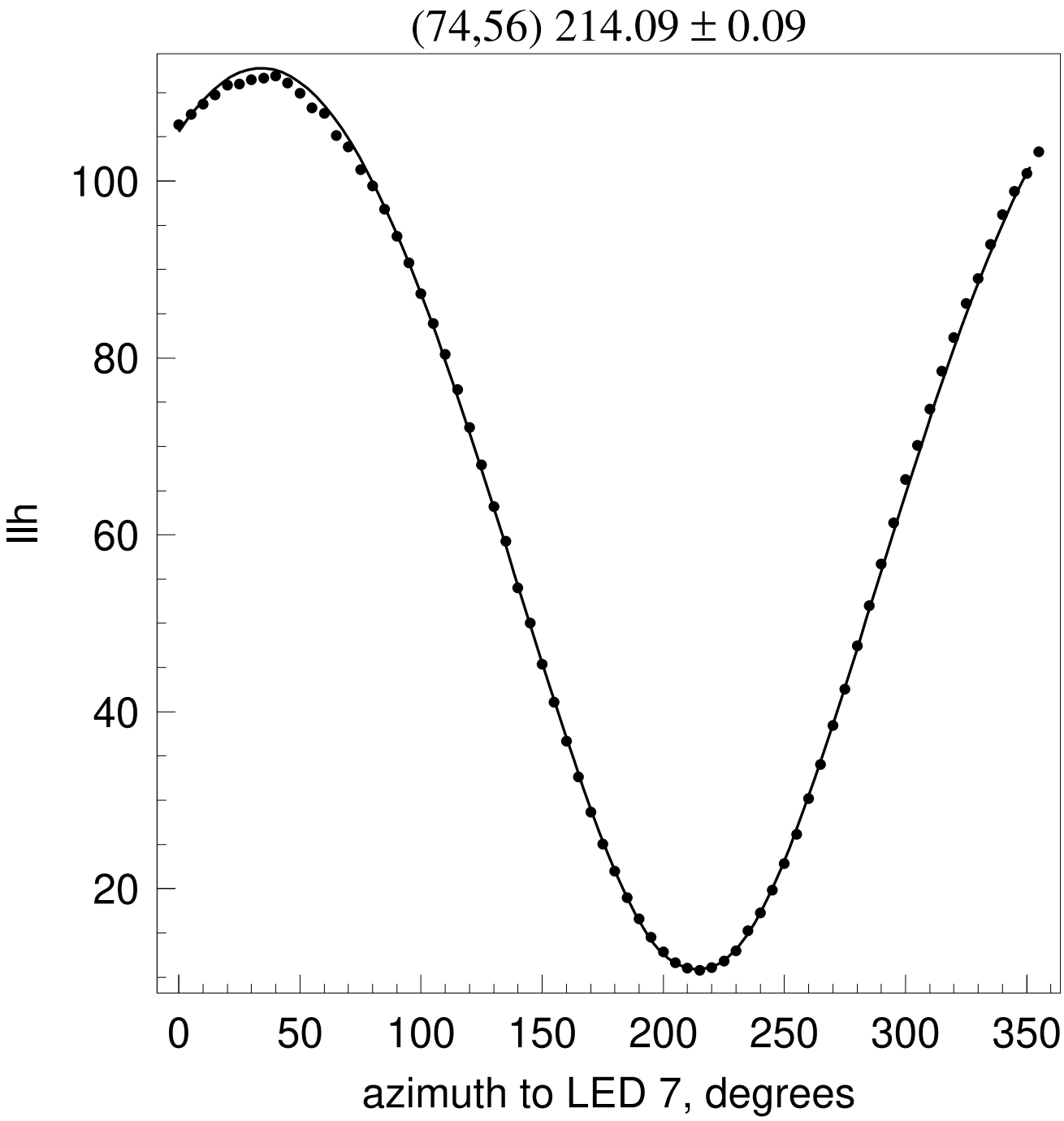

(74,51) 270.18 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

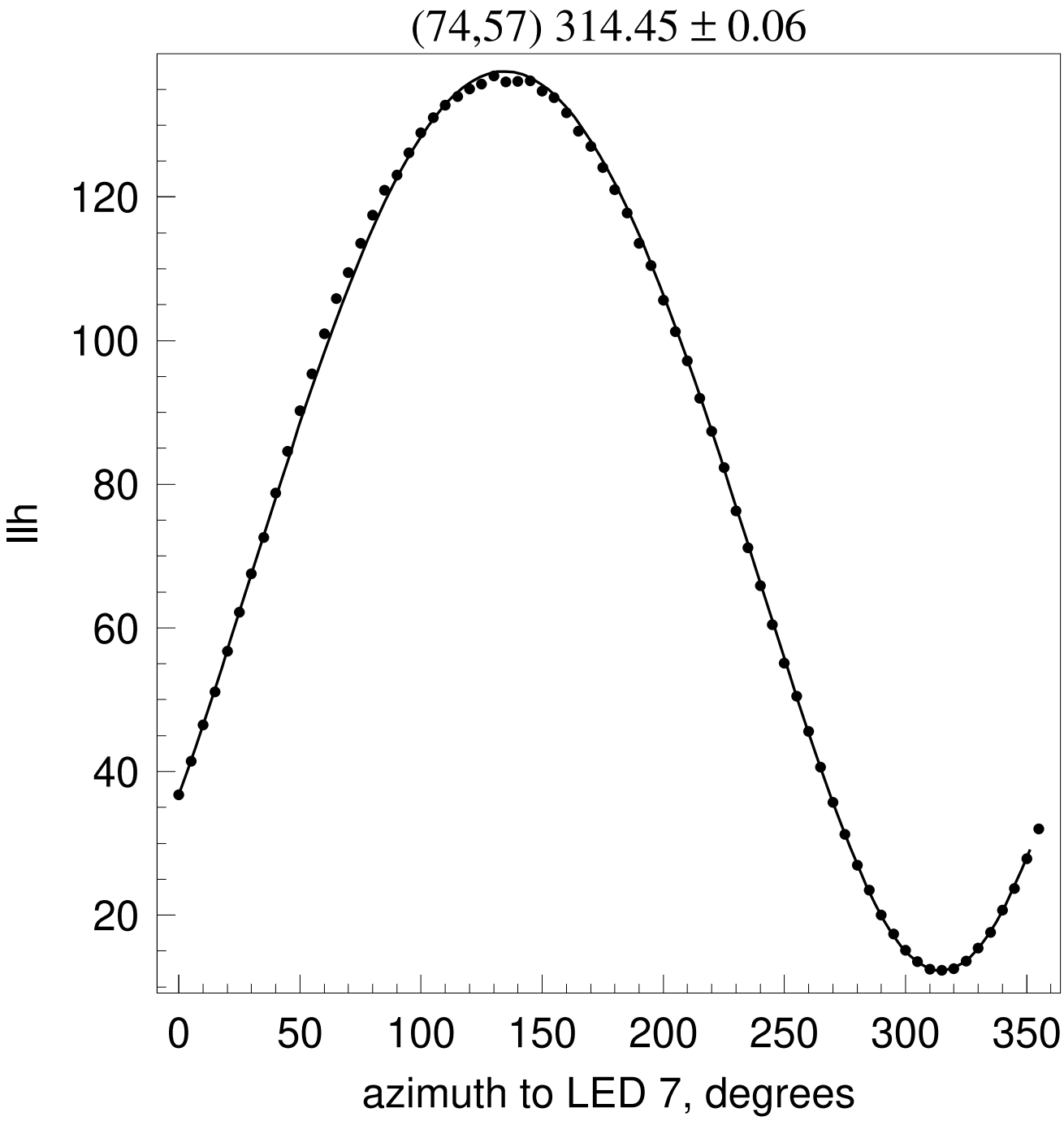

(74,52) 127.13 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

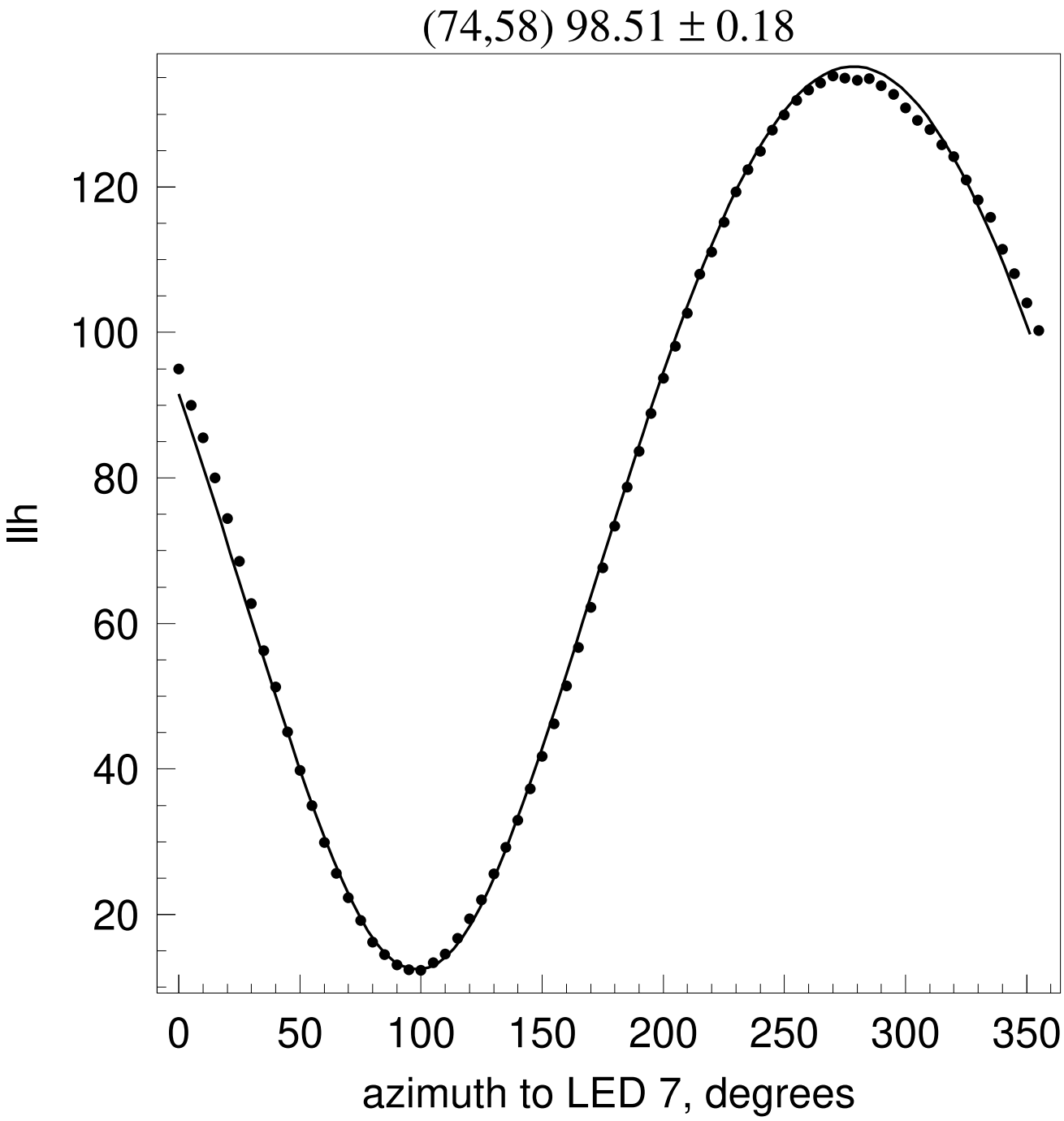

(74,53) 56.72 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

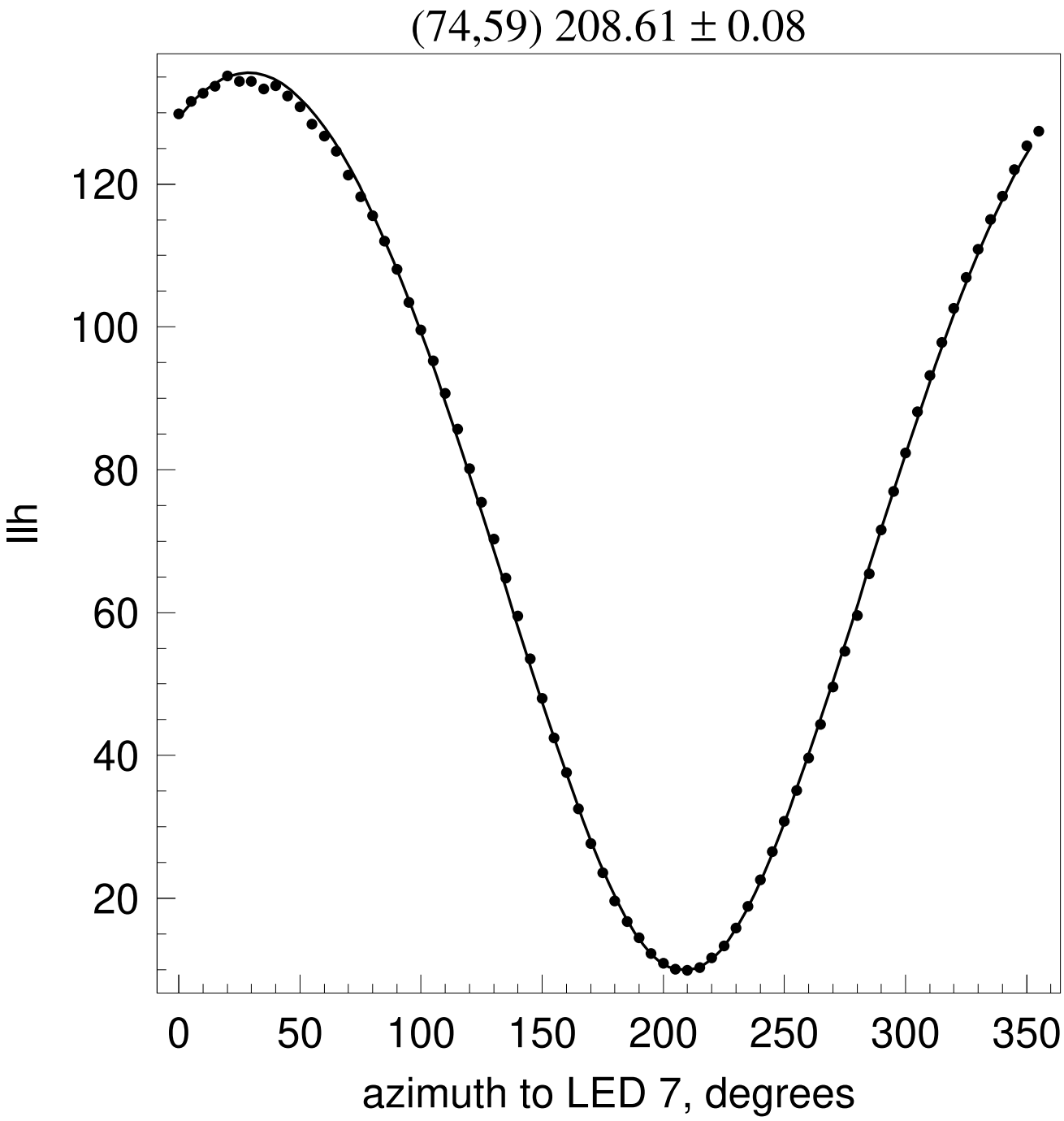

(74,54) 272.25 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

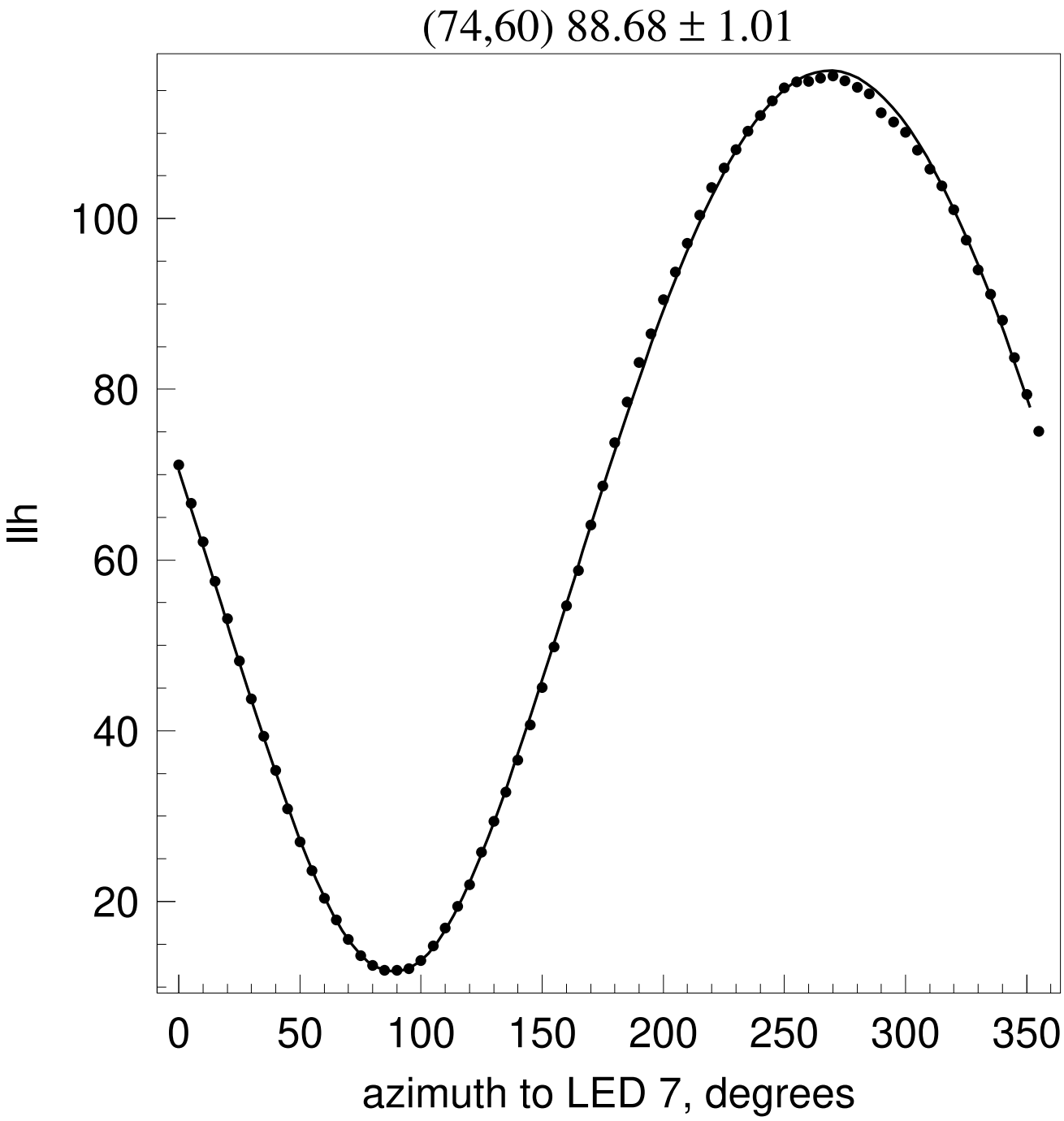

(74,55) 109.20 ± 0.08
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

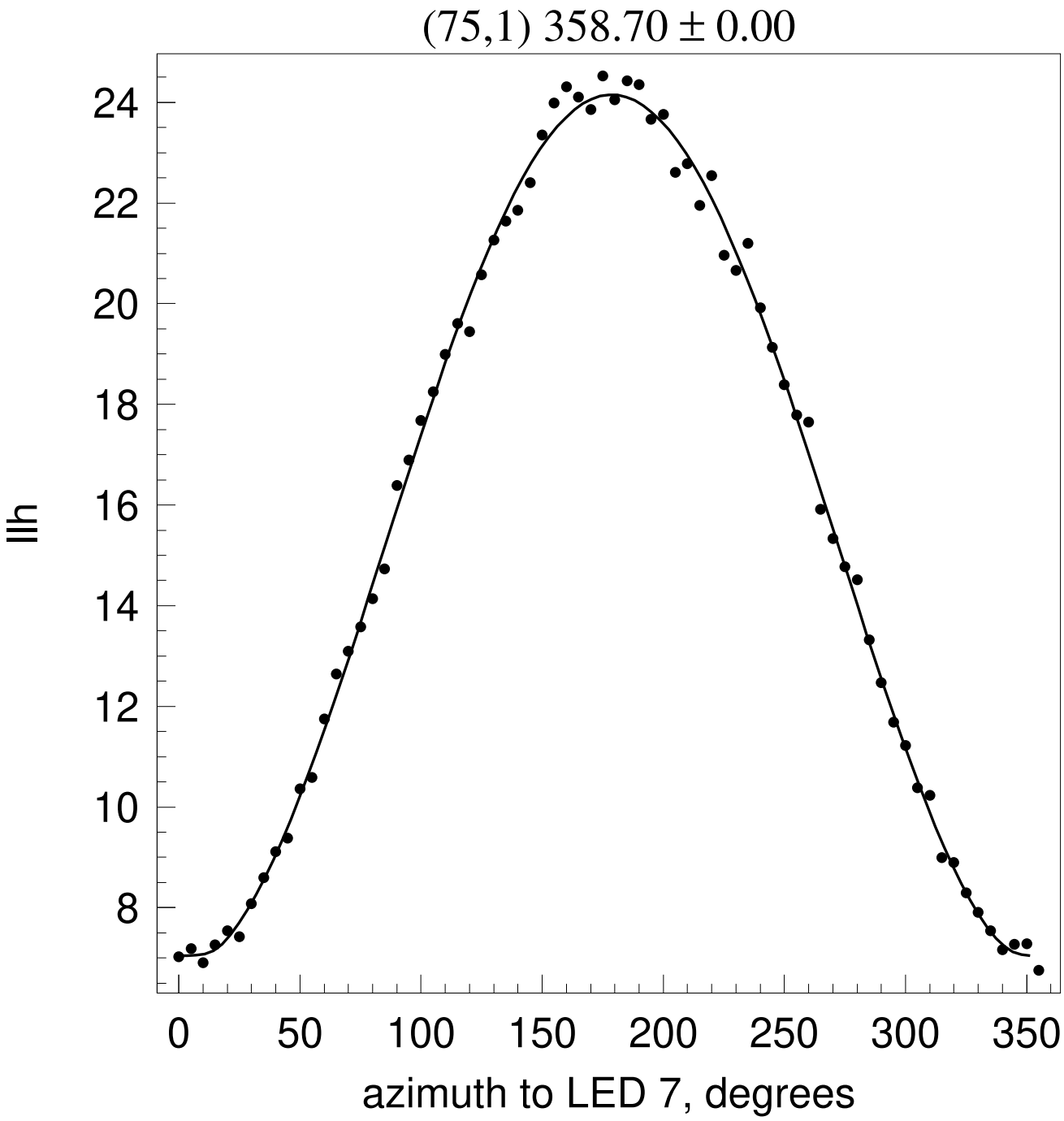

(74,56) 214.09 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

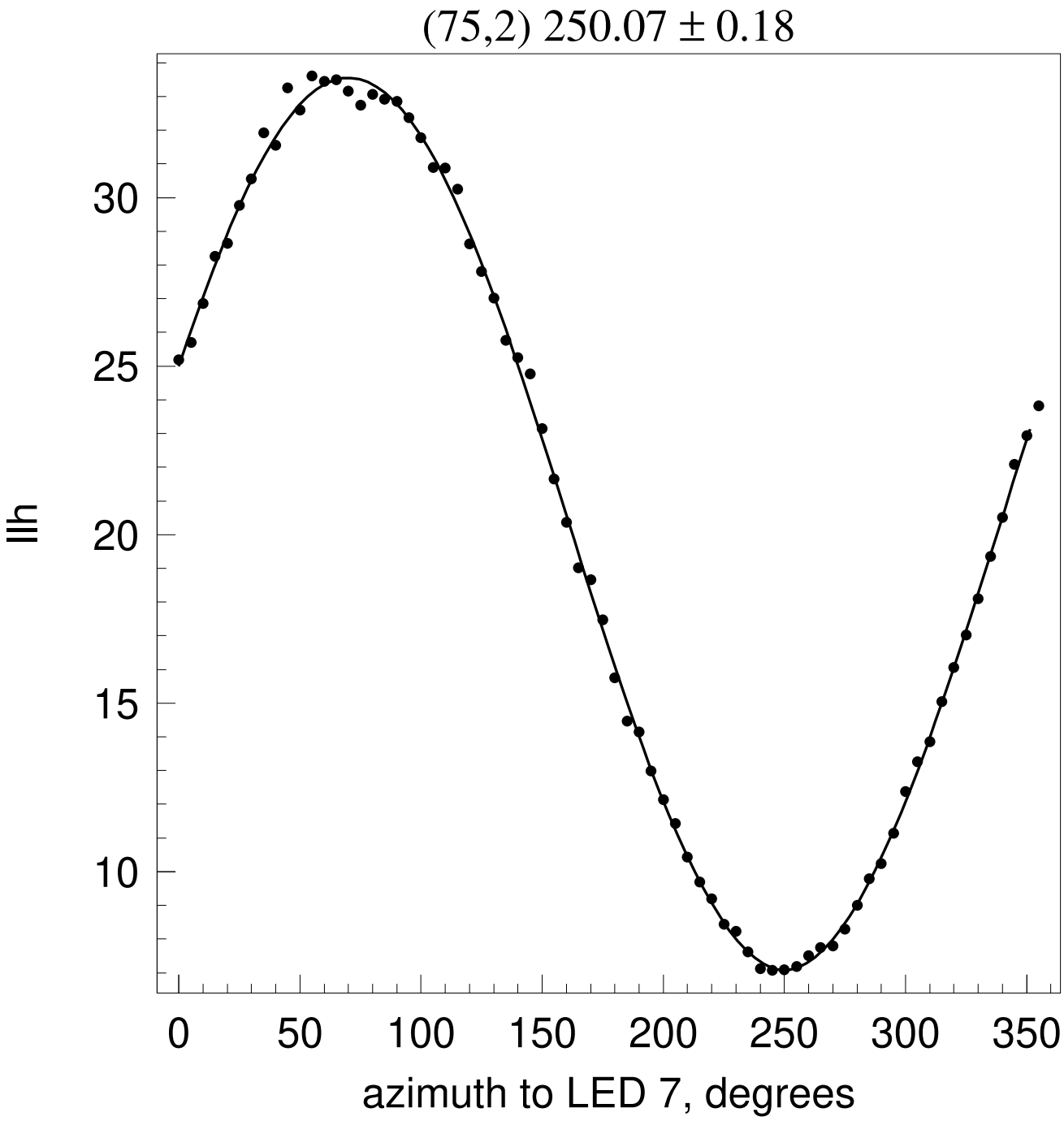

(74,57) 314.45 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

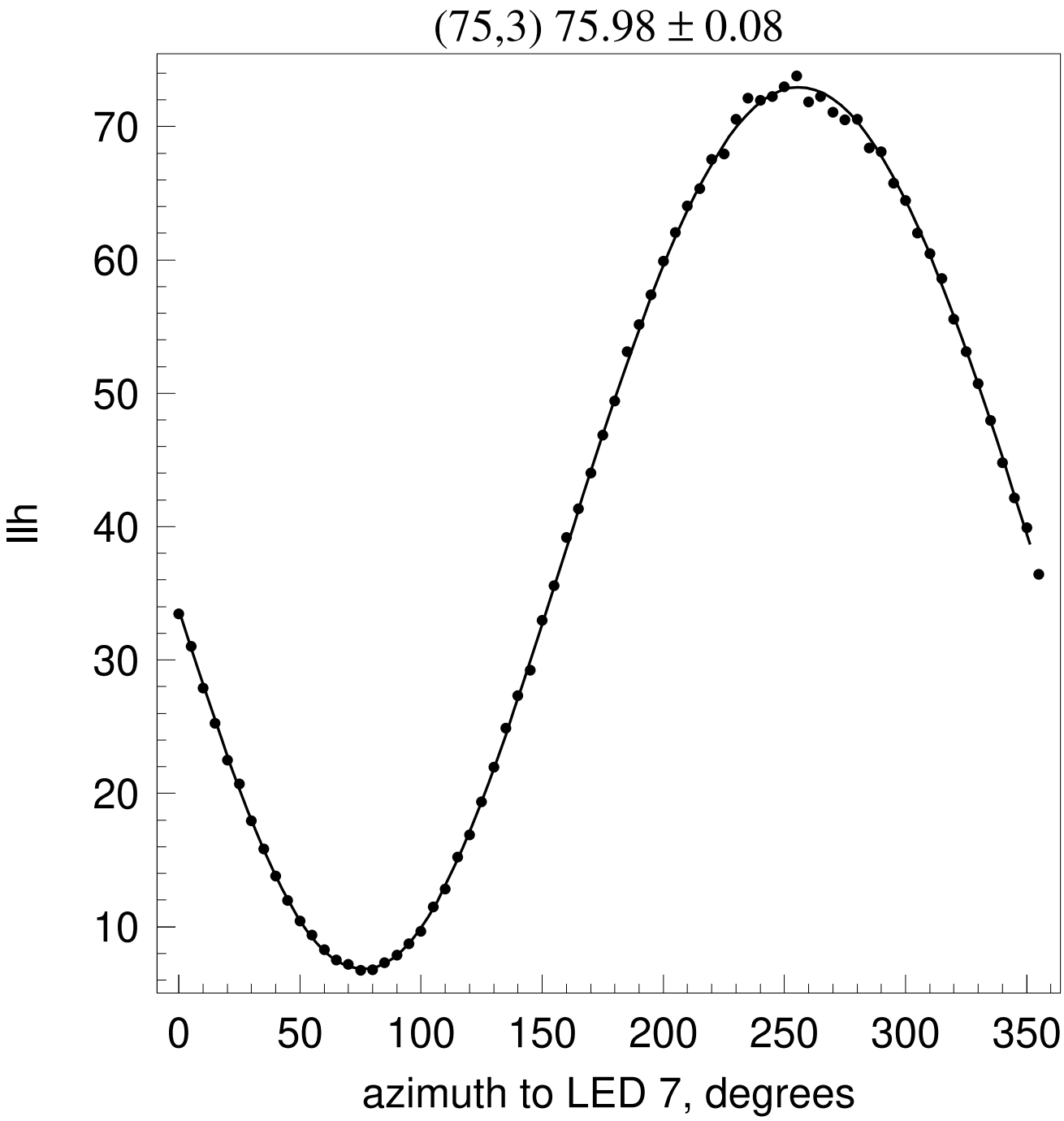

(74,58) 98.51 ± 0.18
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

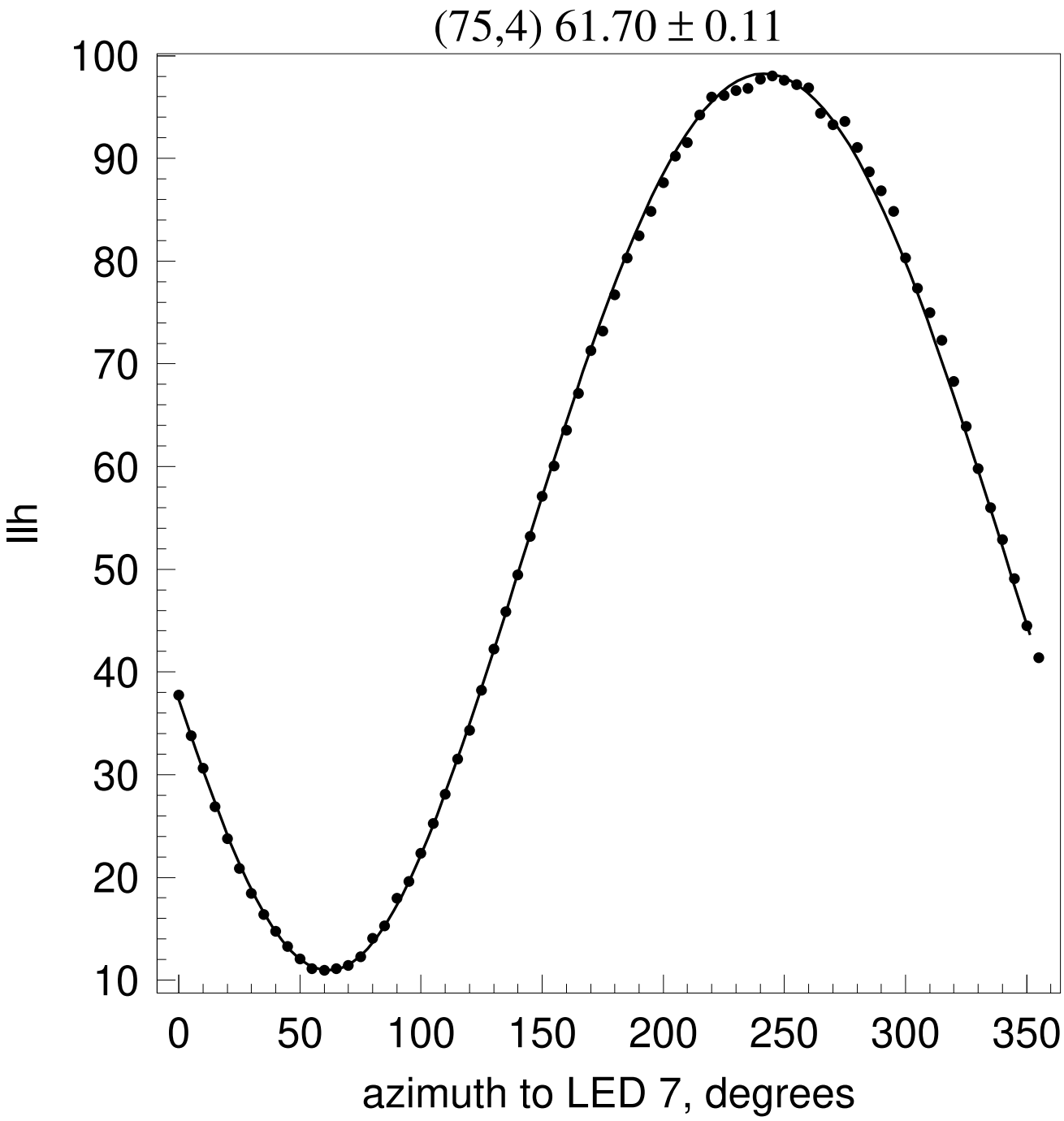

(74,59) 208.61 ± 0.08
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

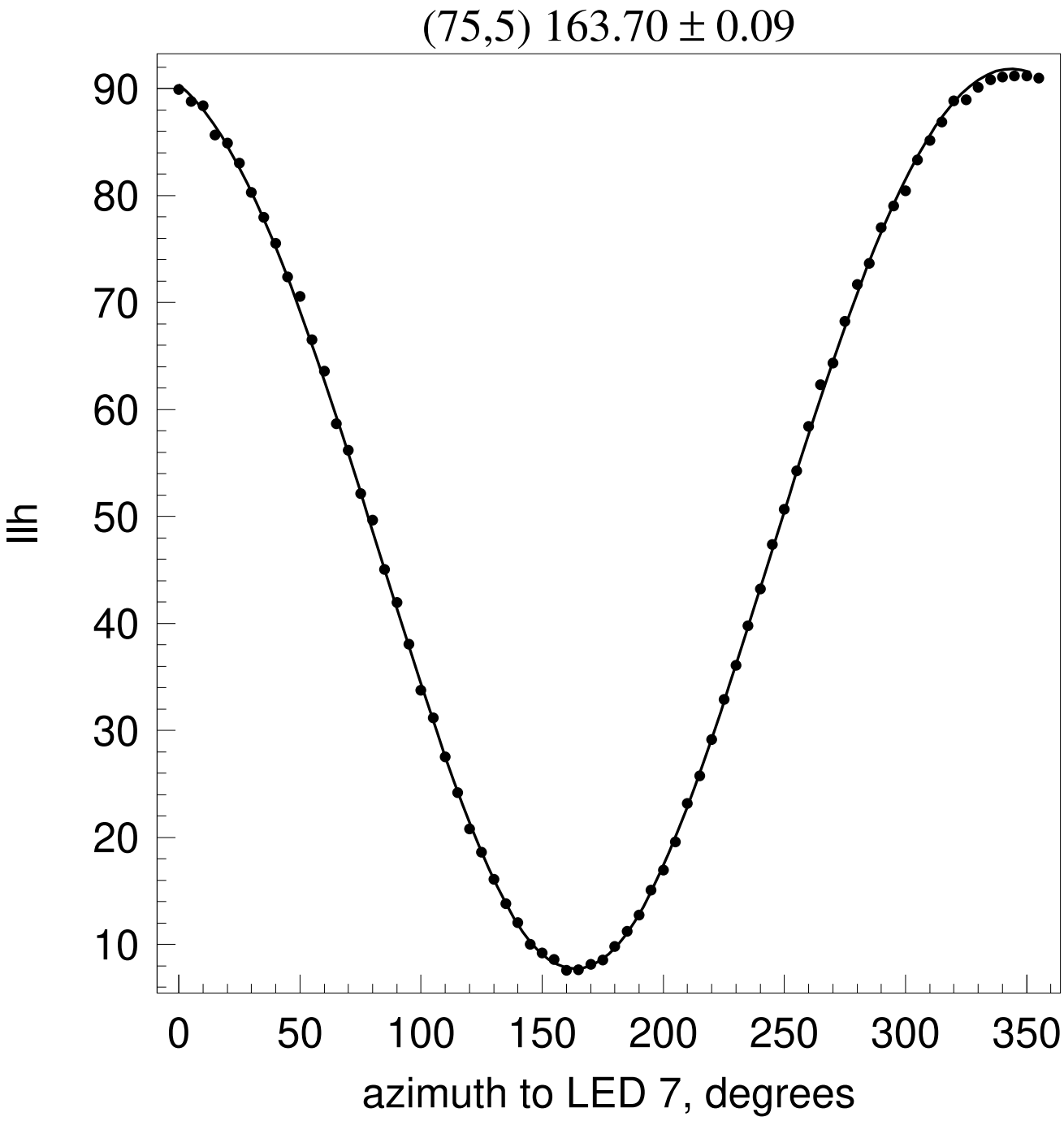

(74,60) 88.68 ± 1.01
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

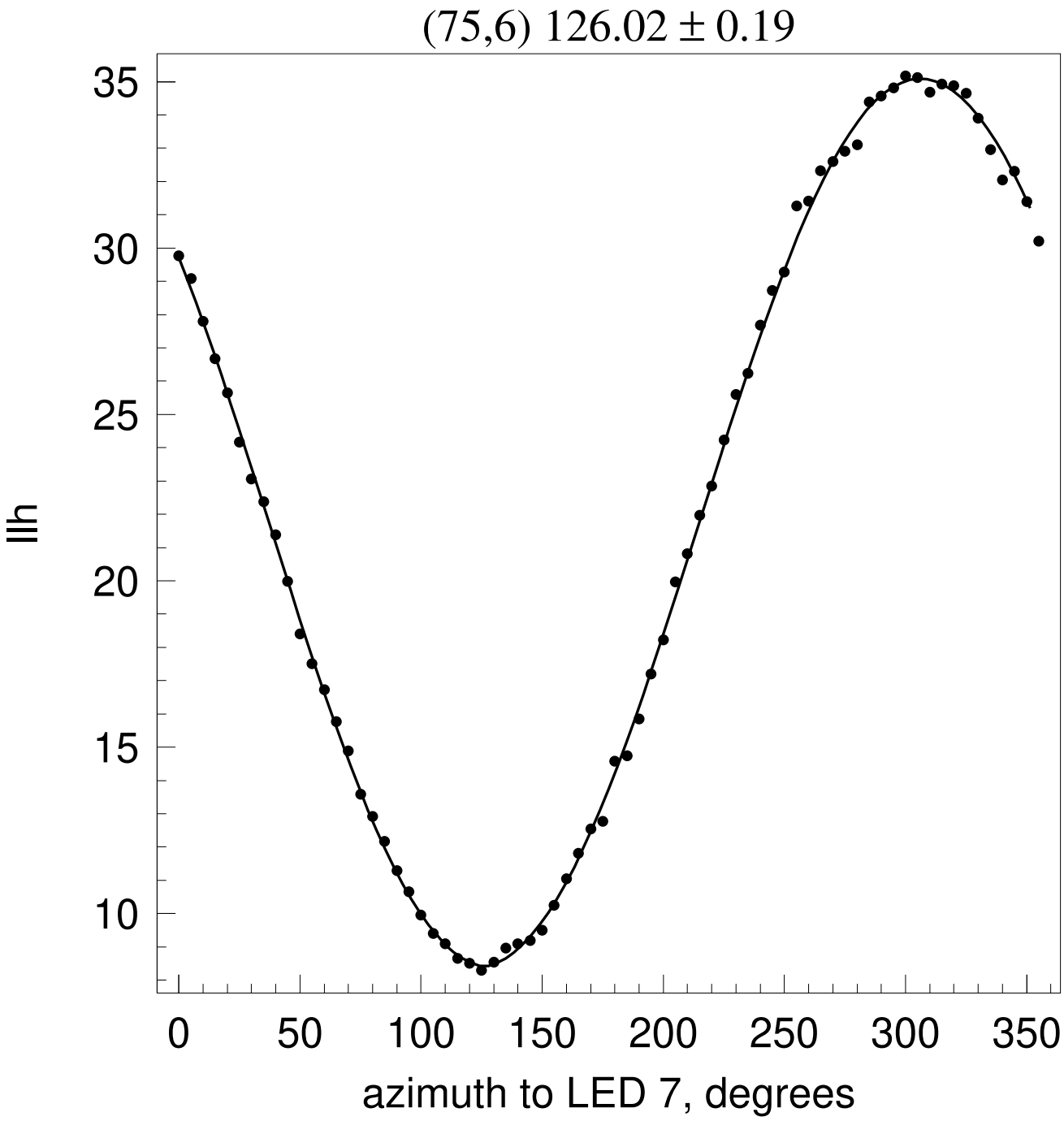

(75,1) 358.70 ± 0.00
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

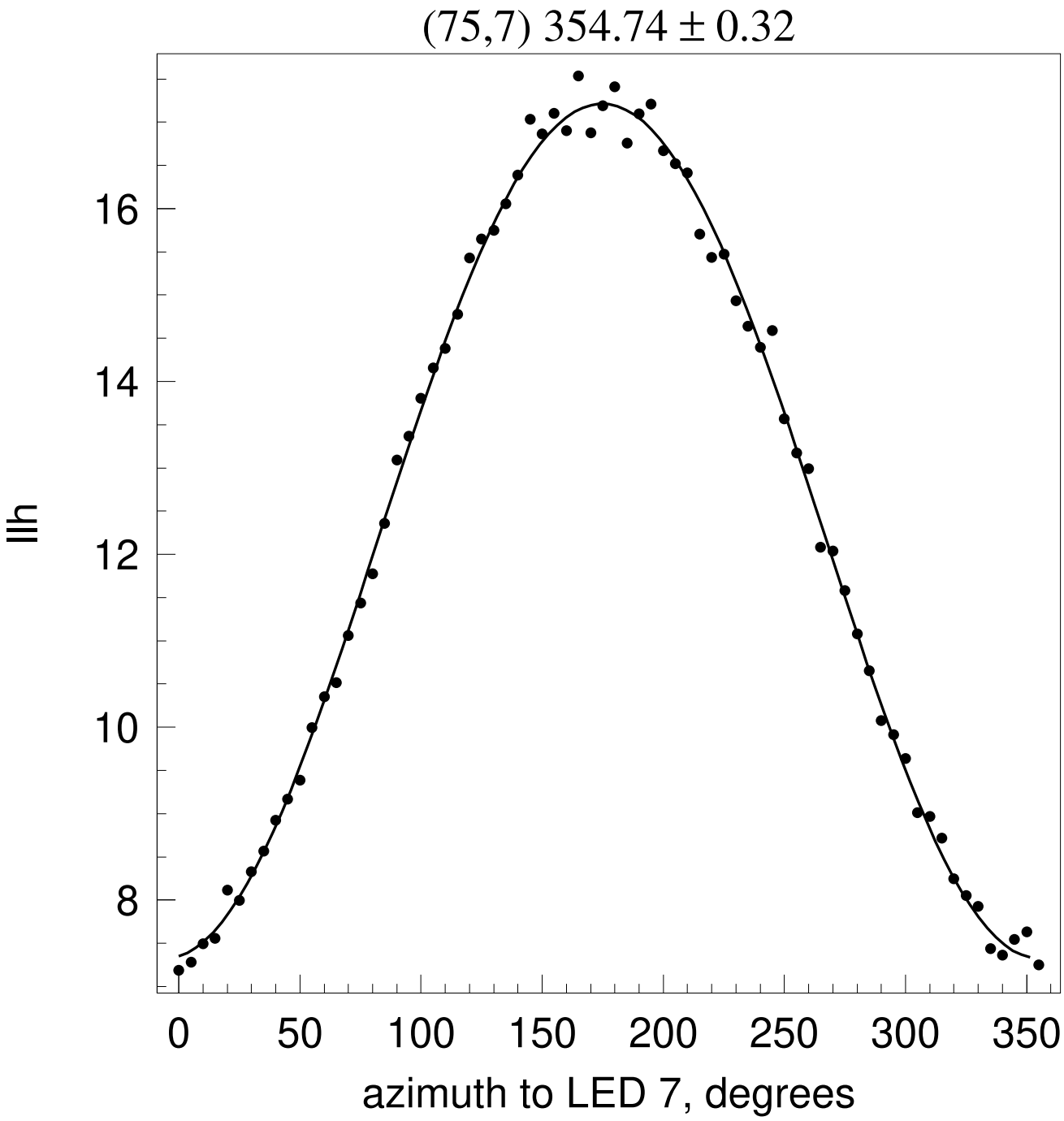

(75,2) 250.07 ± 0.18
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

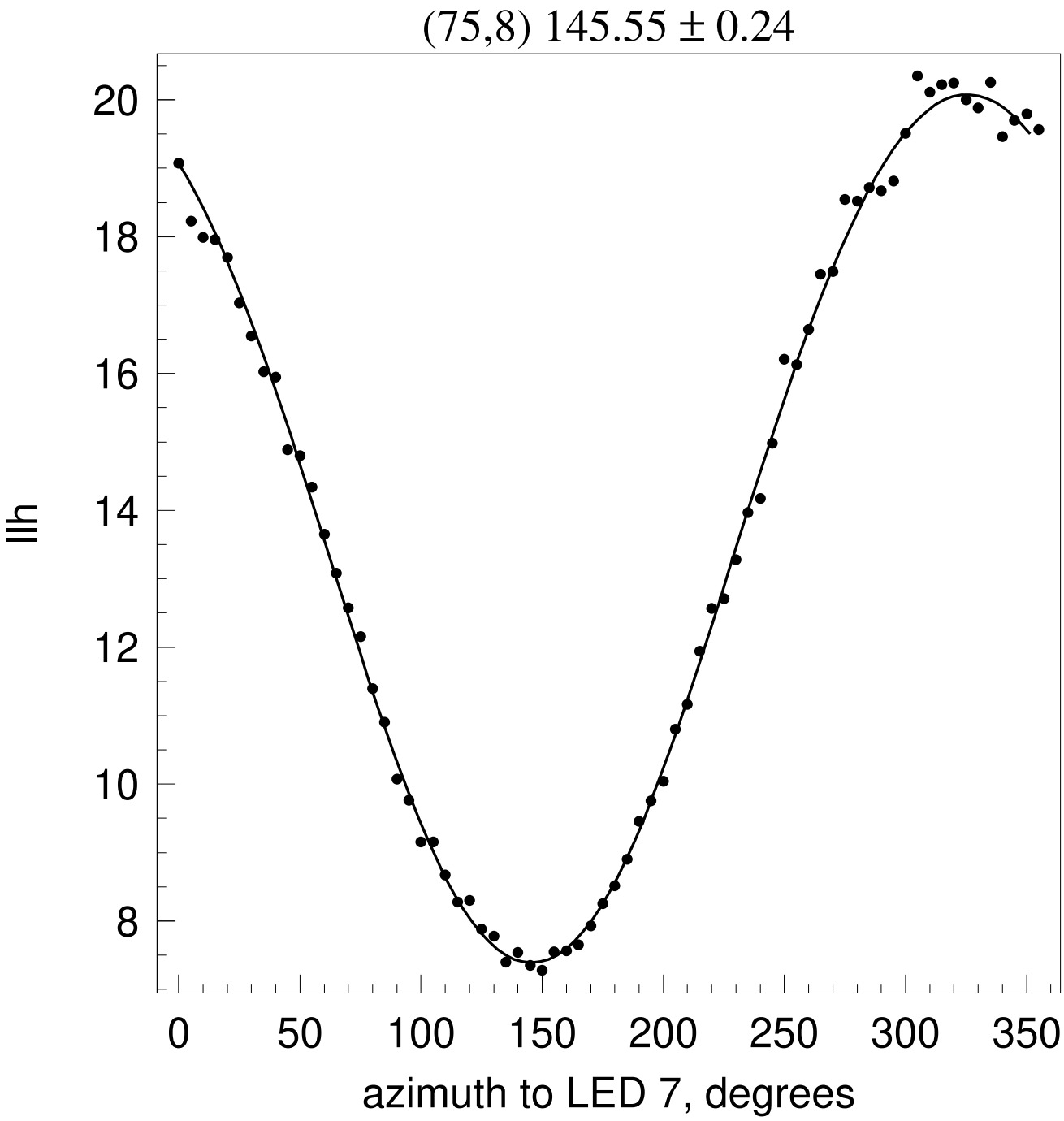

(75,3) 75.98 ± 0.08
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

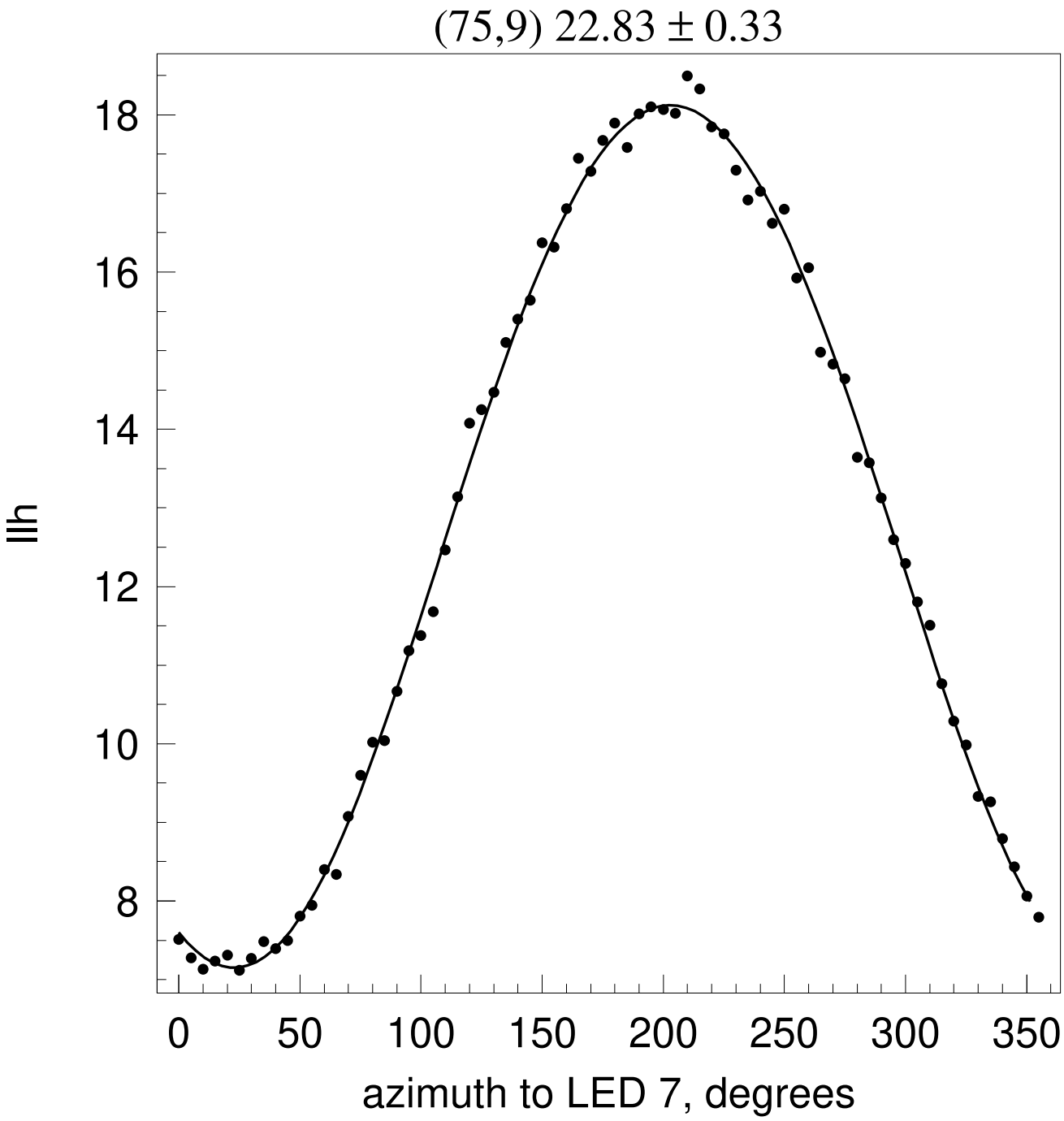

(75,4) 61.70 ± 0.11
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

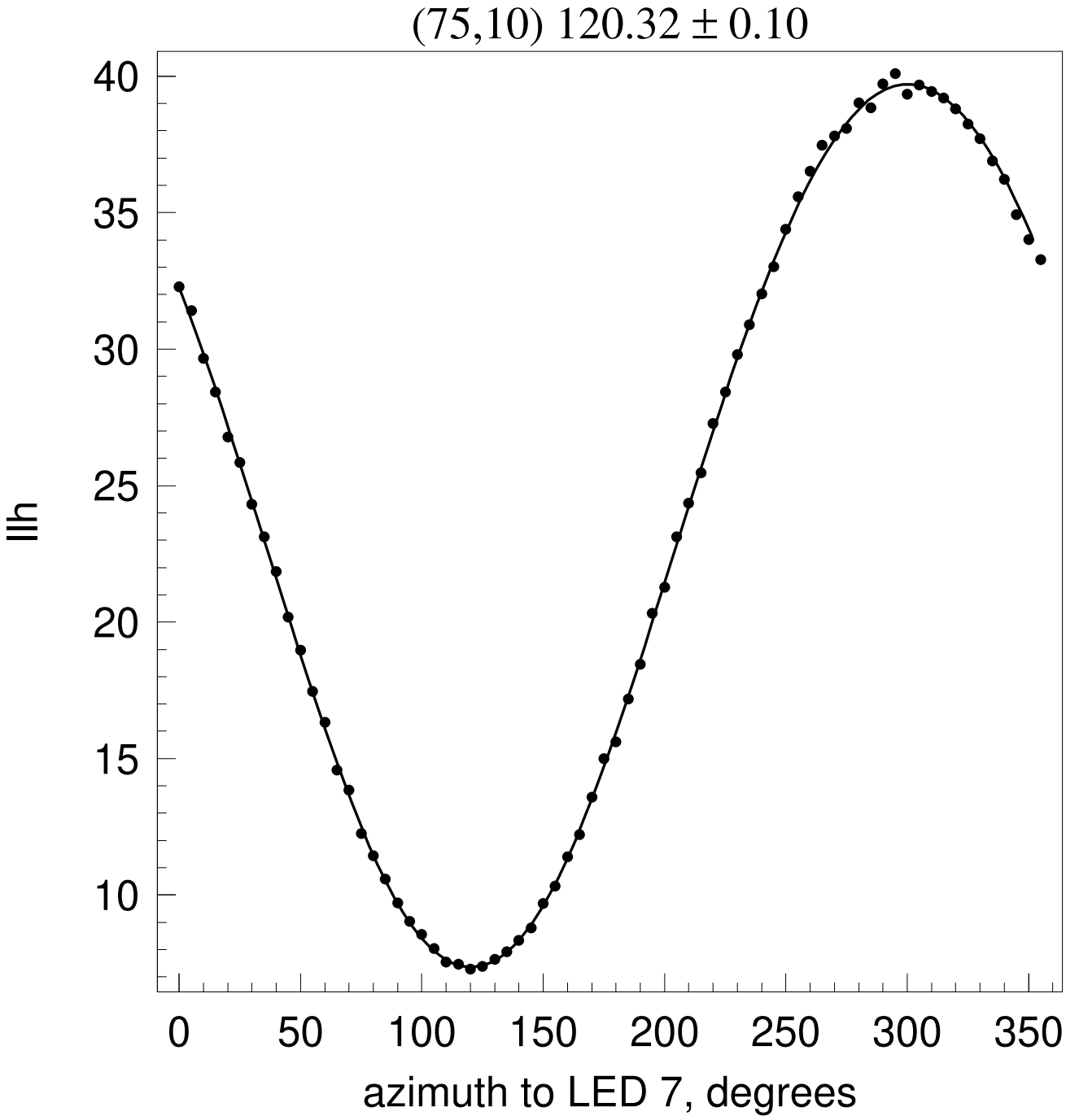

(75,5) 163.70 ± 0.09
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

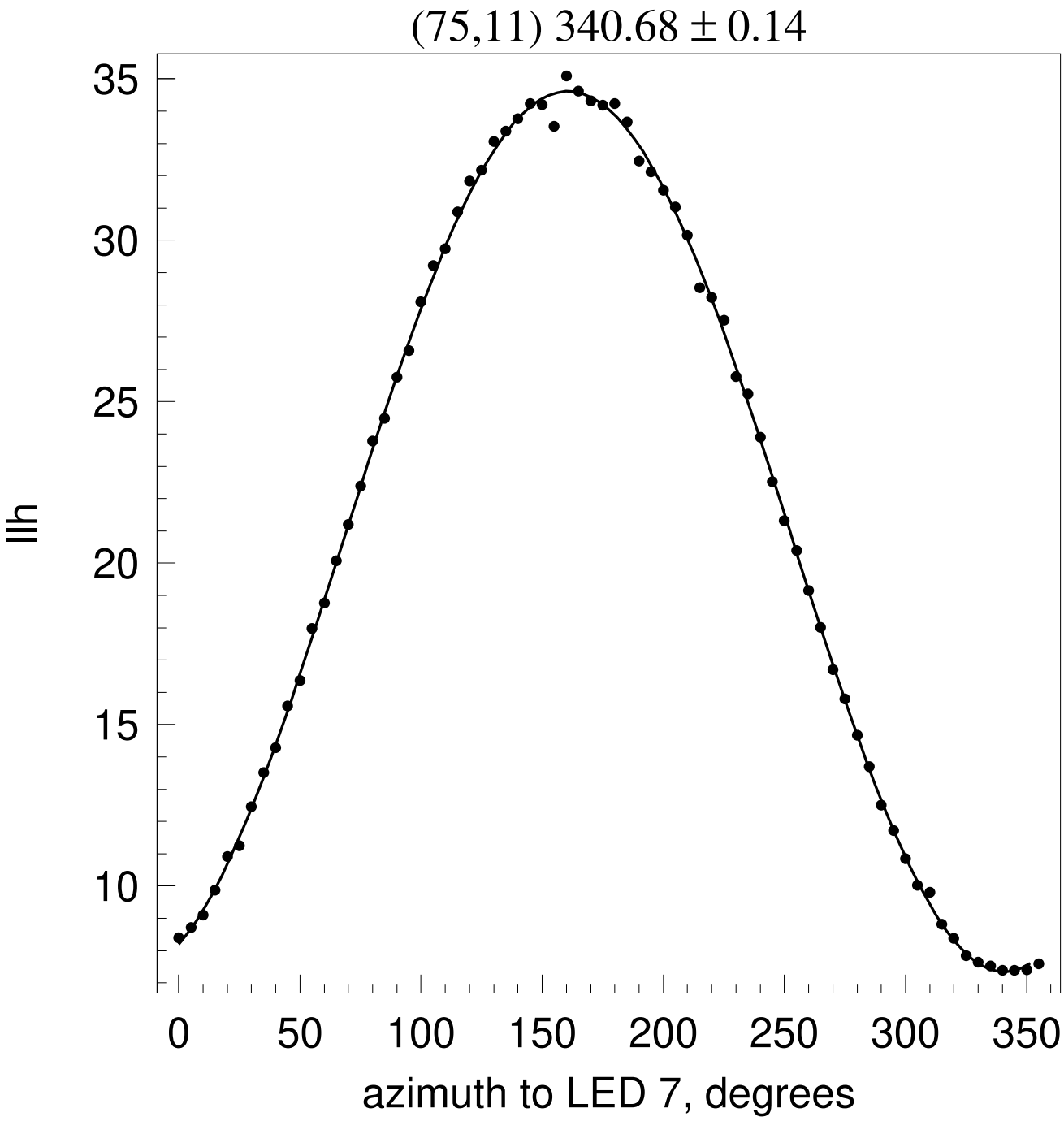

(75,6) 126.02 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

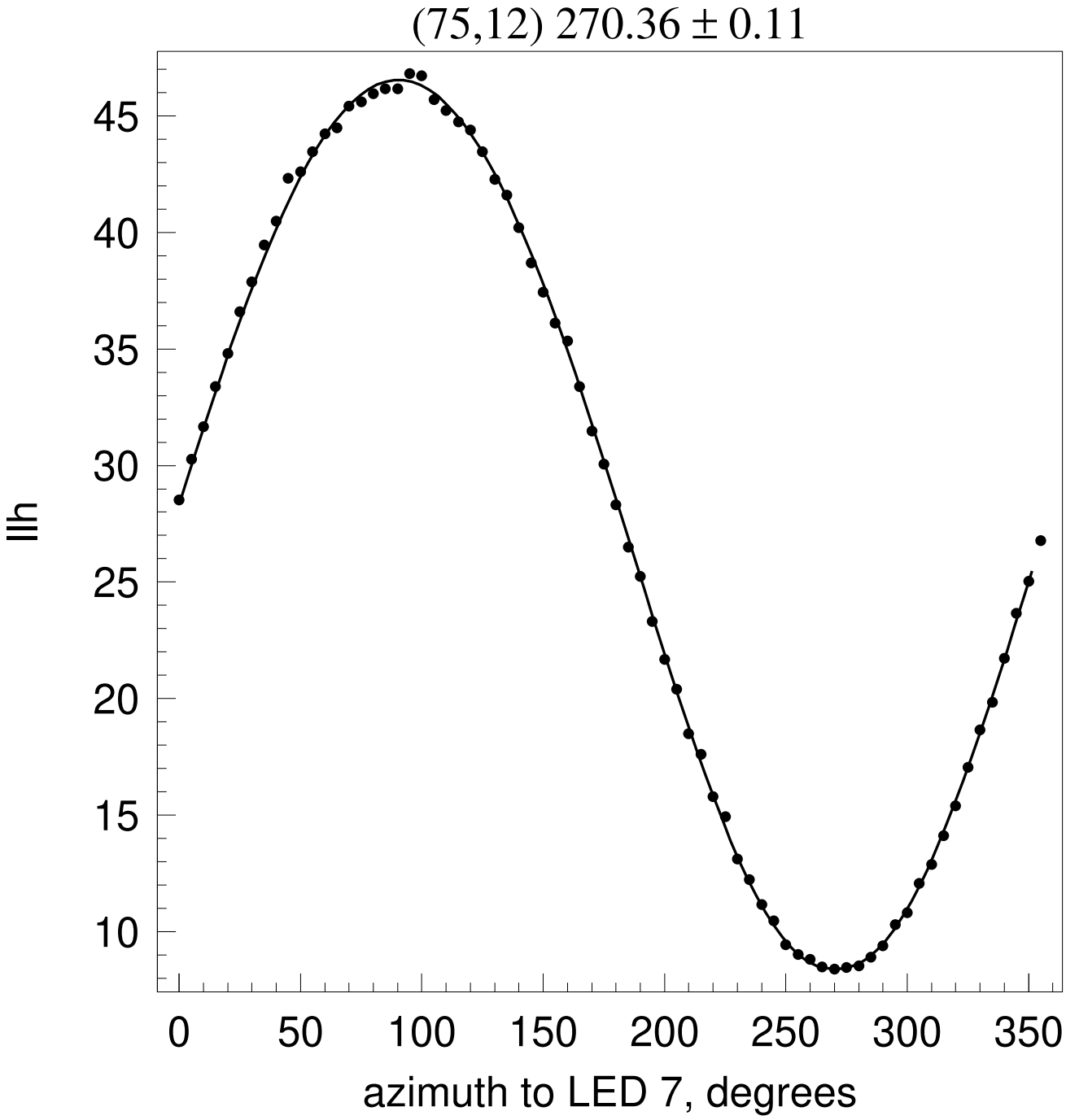

(75,7) 354.74 ± 0.32
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

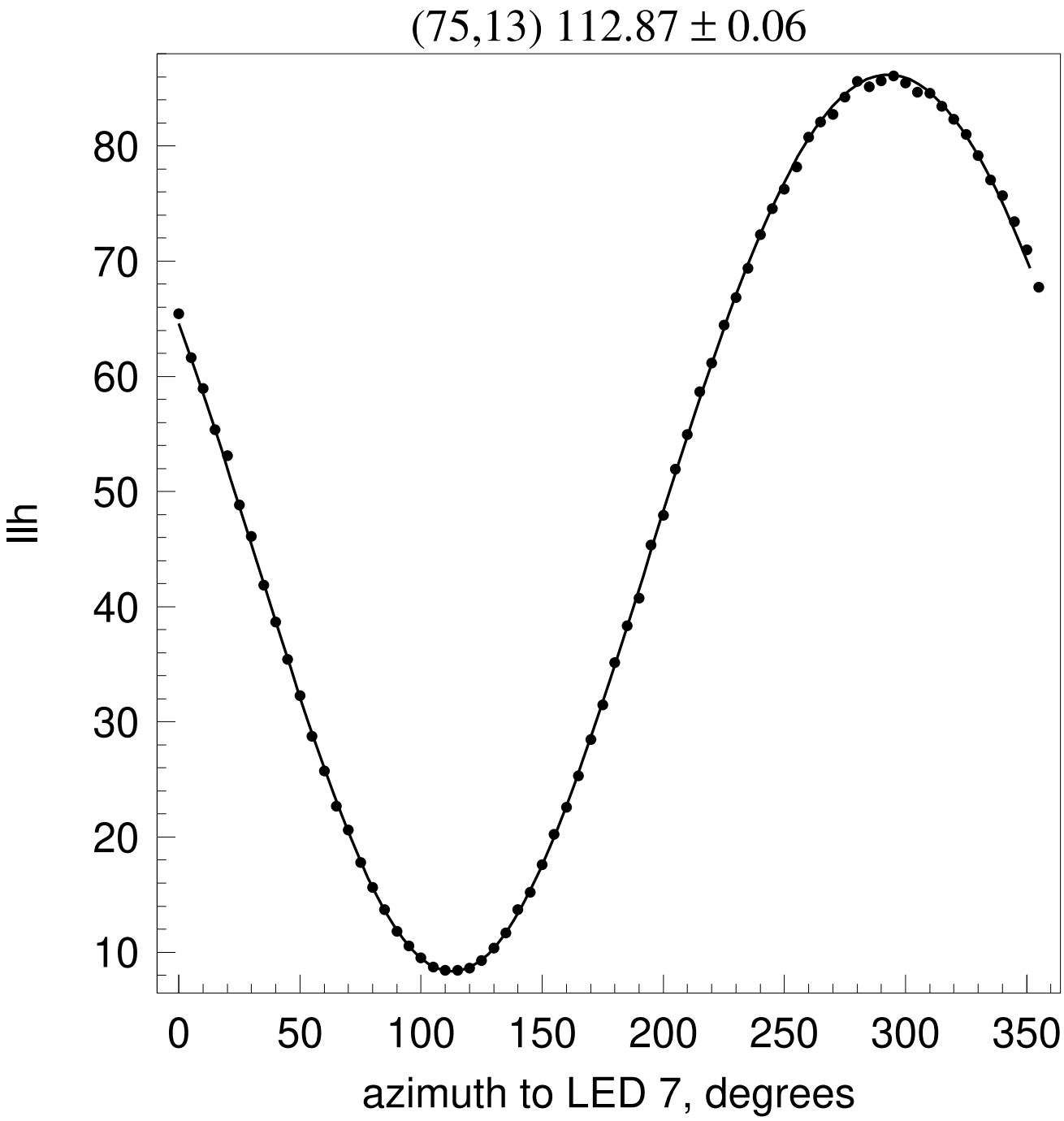

(75,8) 145.55 ± 0.24
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

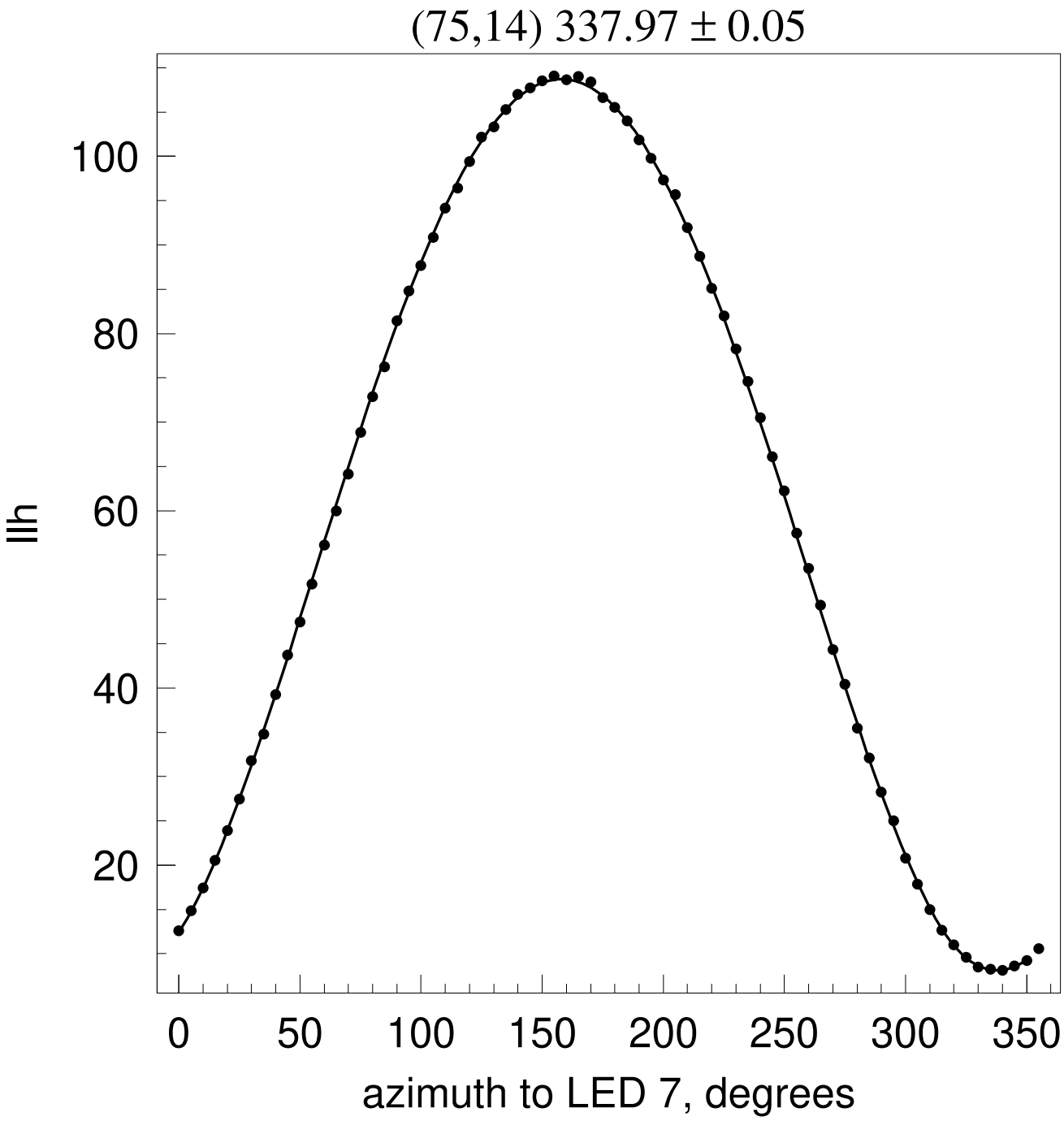

(75,9) 22.83 ± 0.33
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

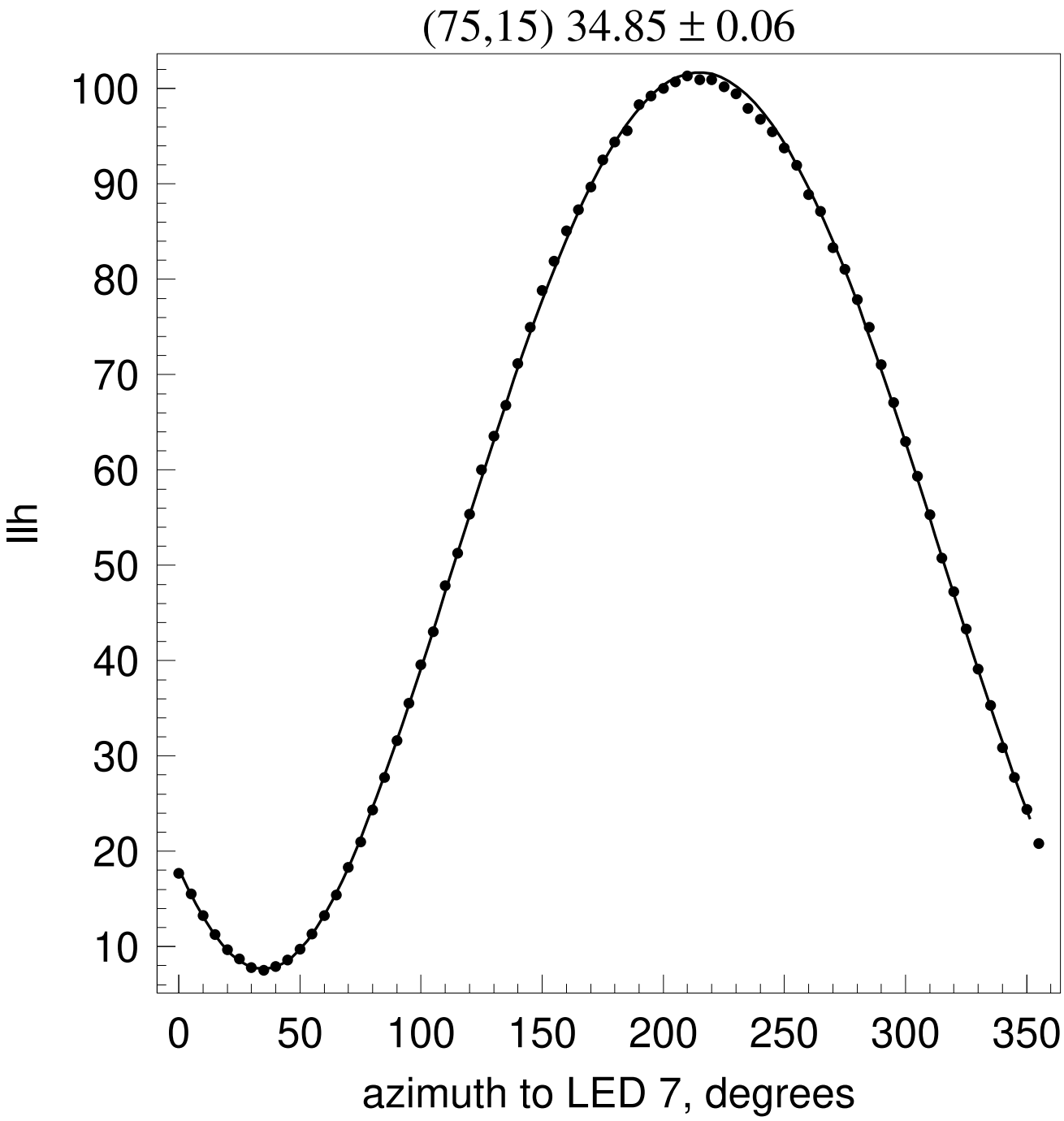

(75,10) 120.32 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

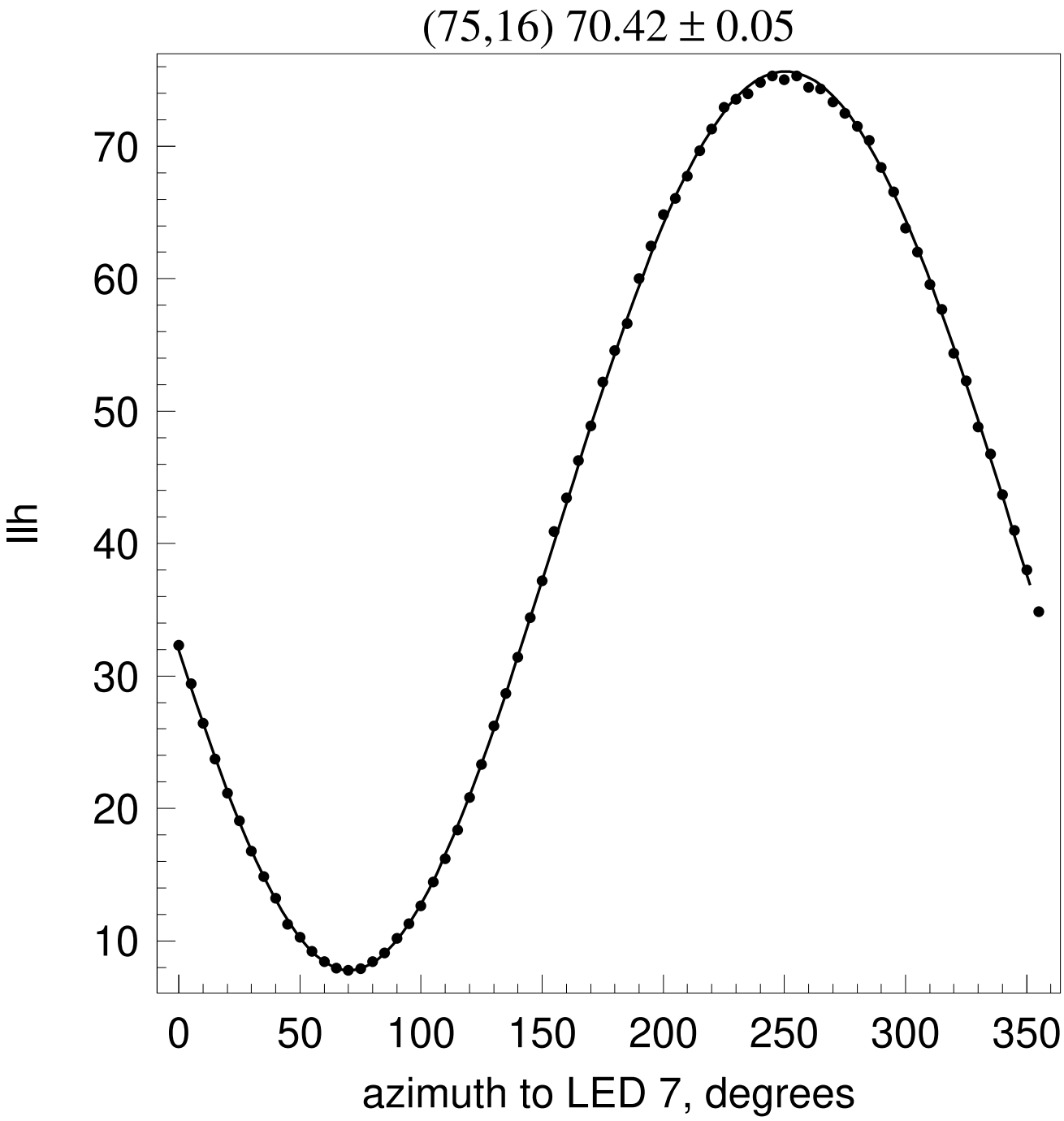

(75,11) 340.68 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

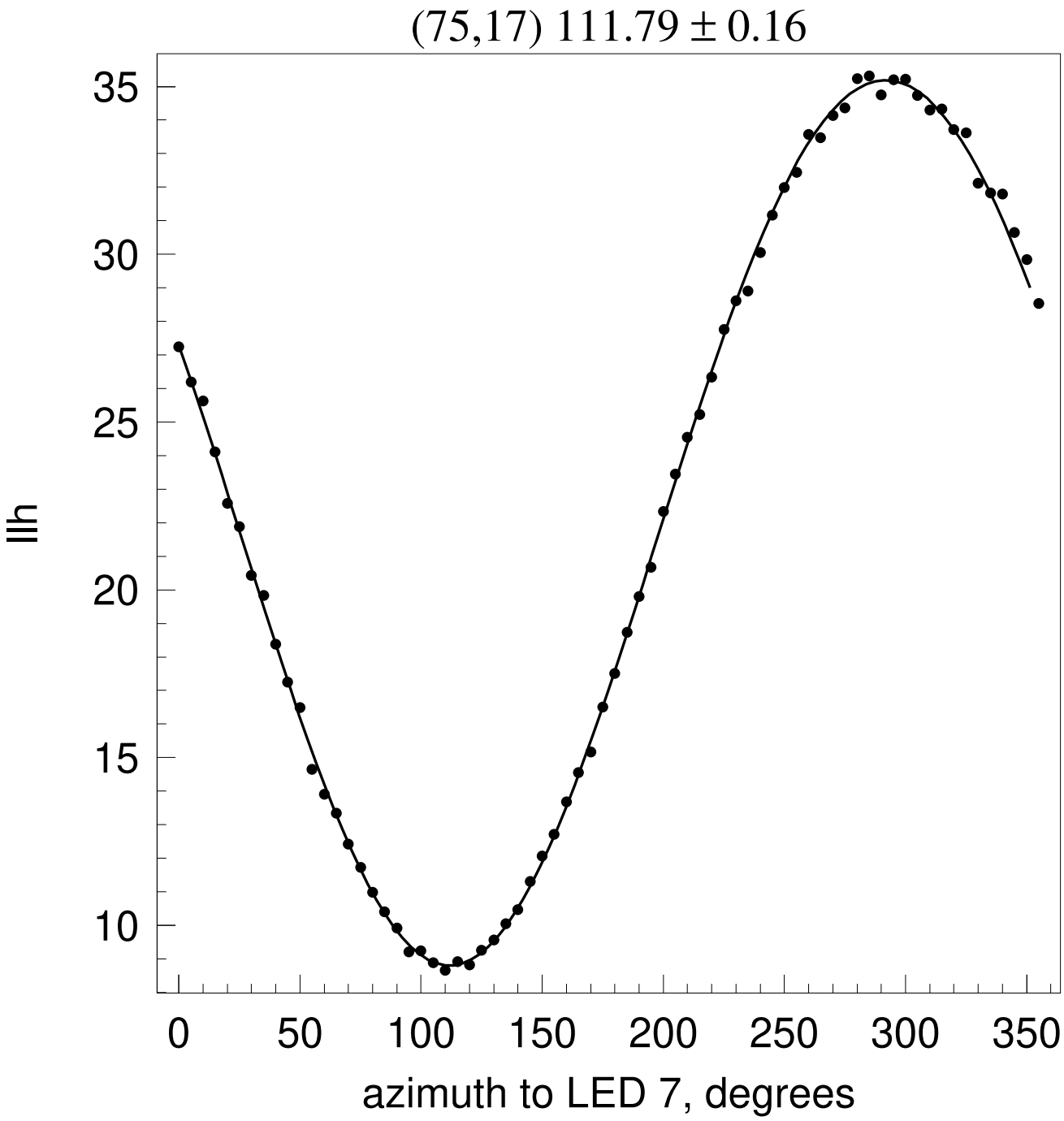

(75,12) 270.36 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

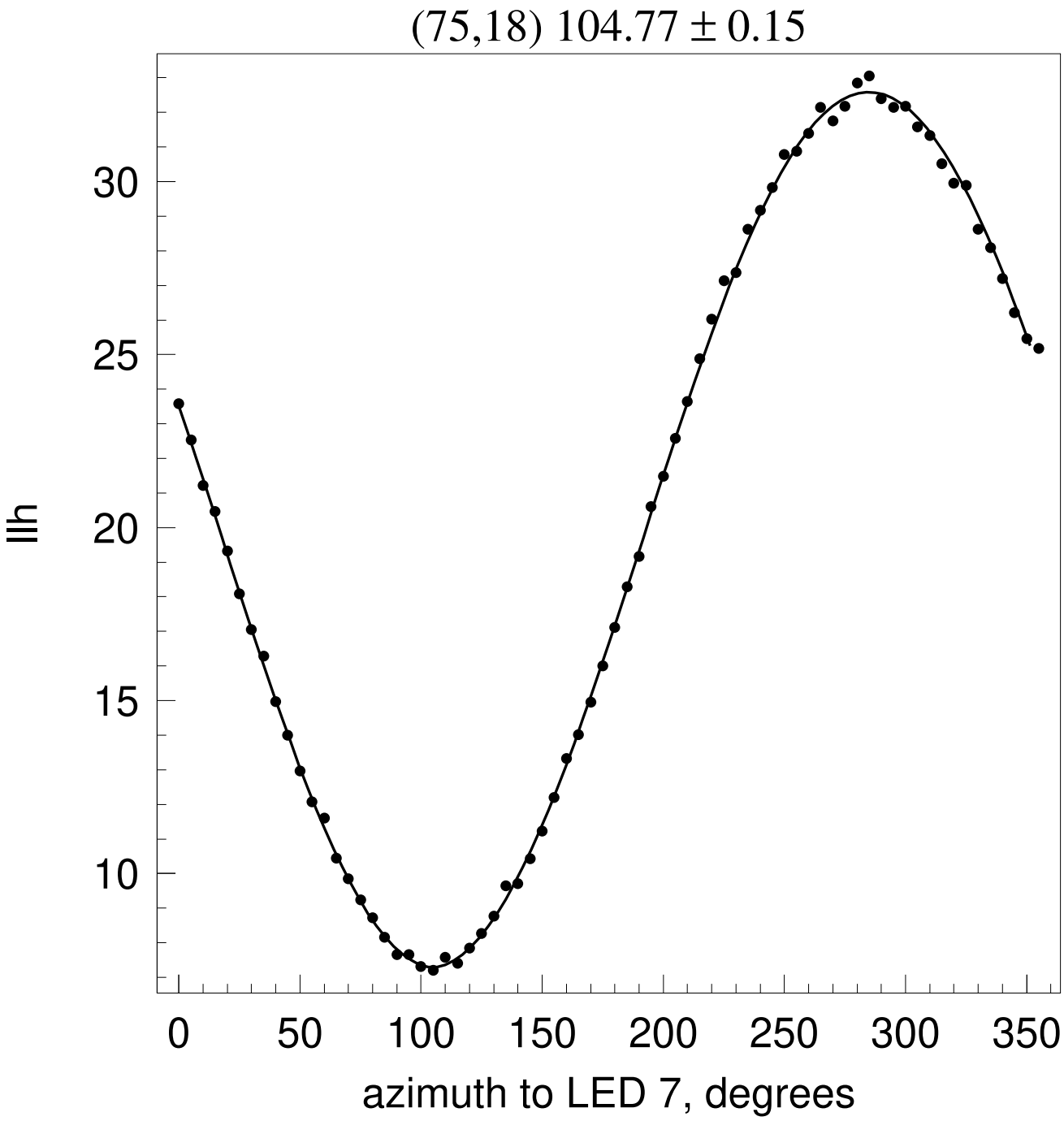

(75,13) 112.87 ± 0.06
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

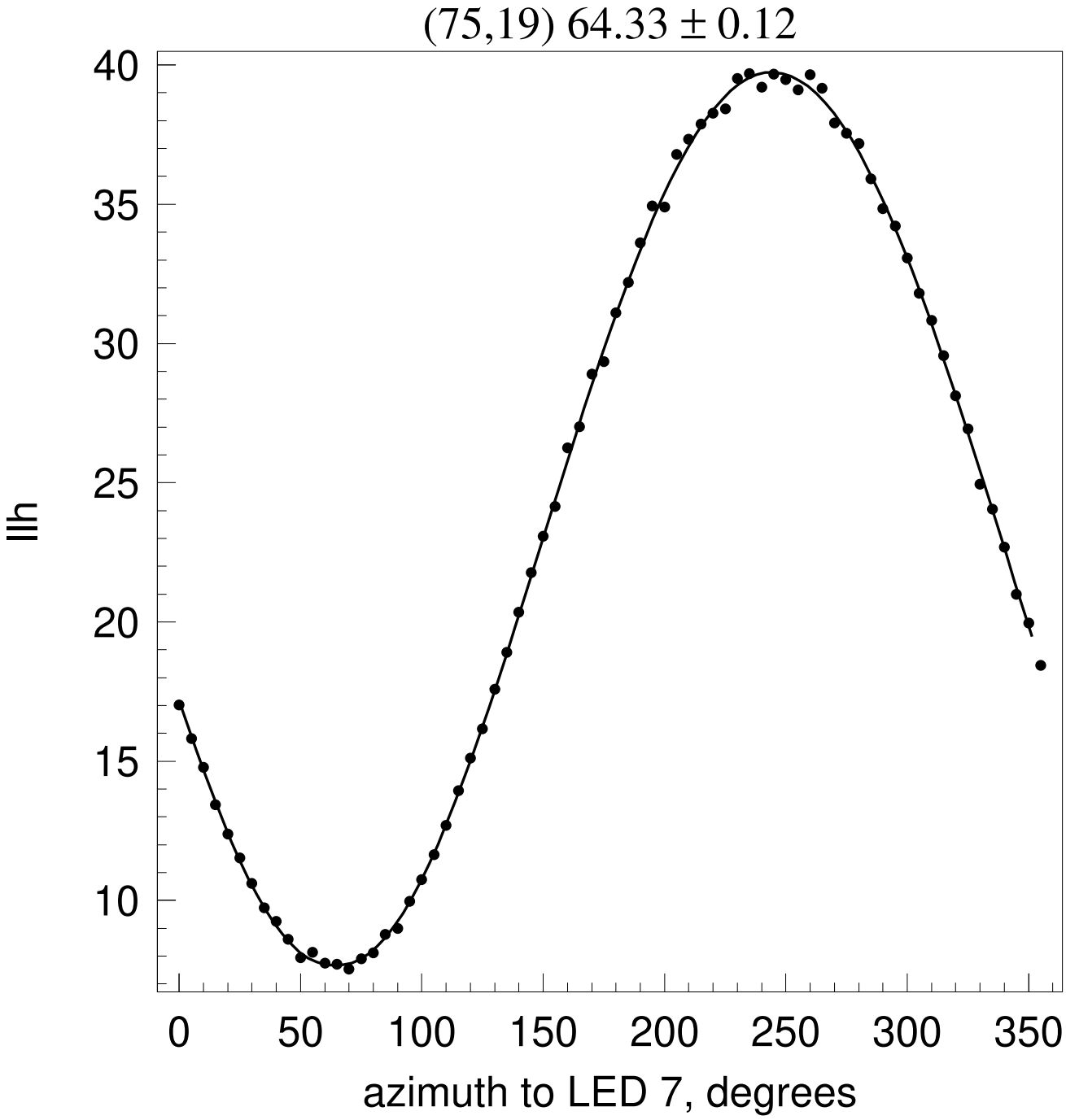

(75,14) 337.97 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

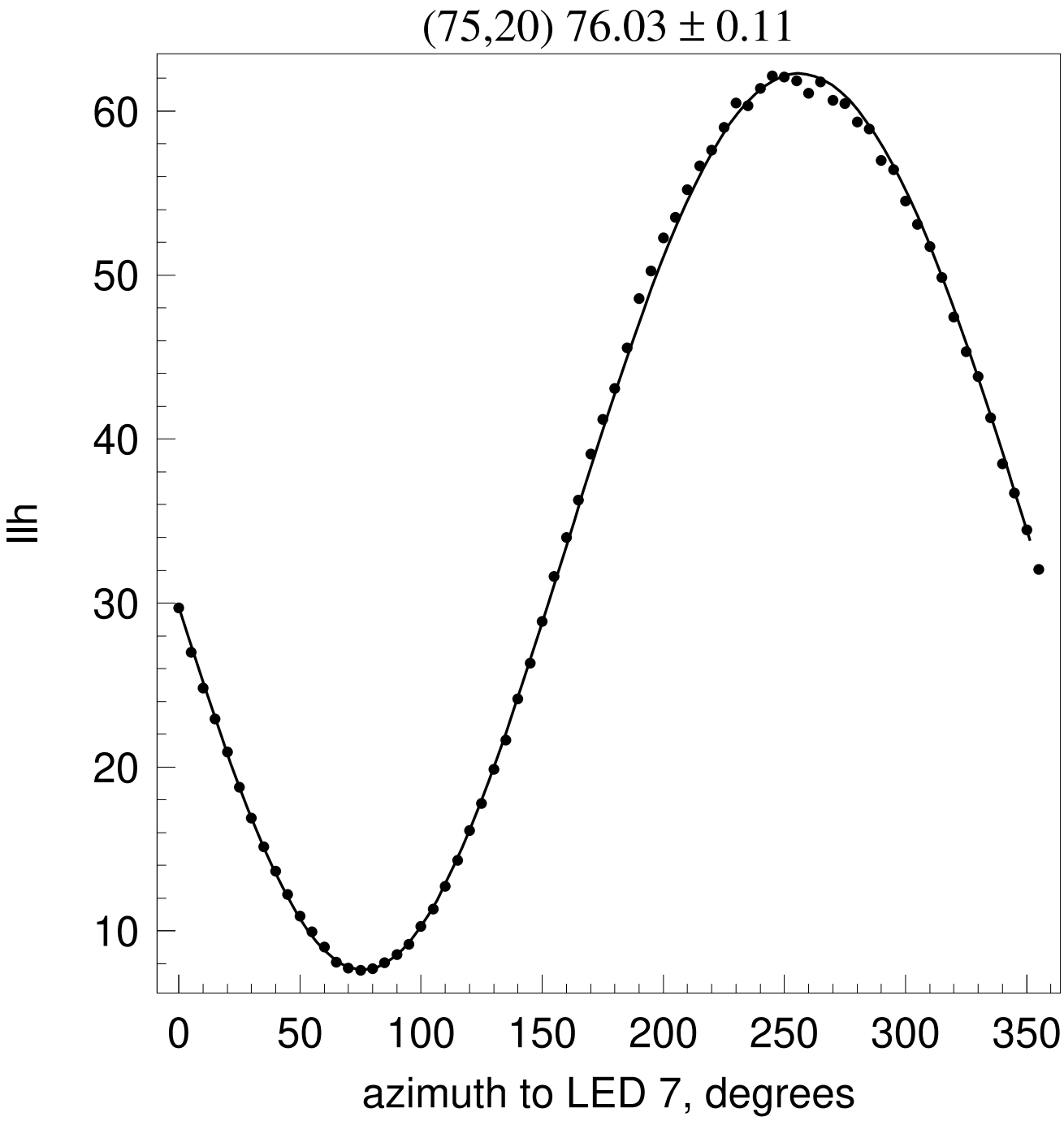

(75,15) 34.85 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

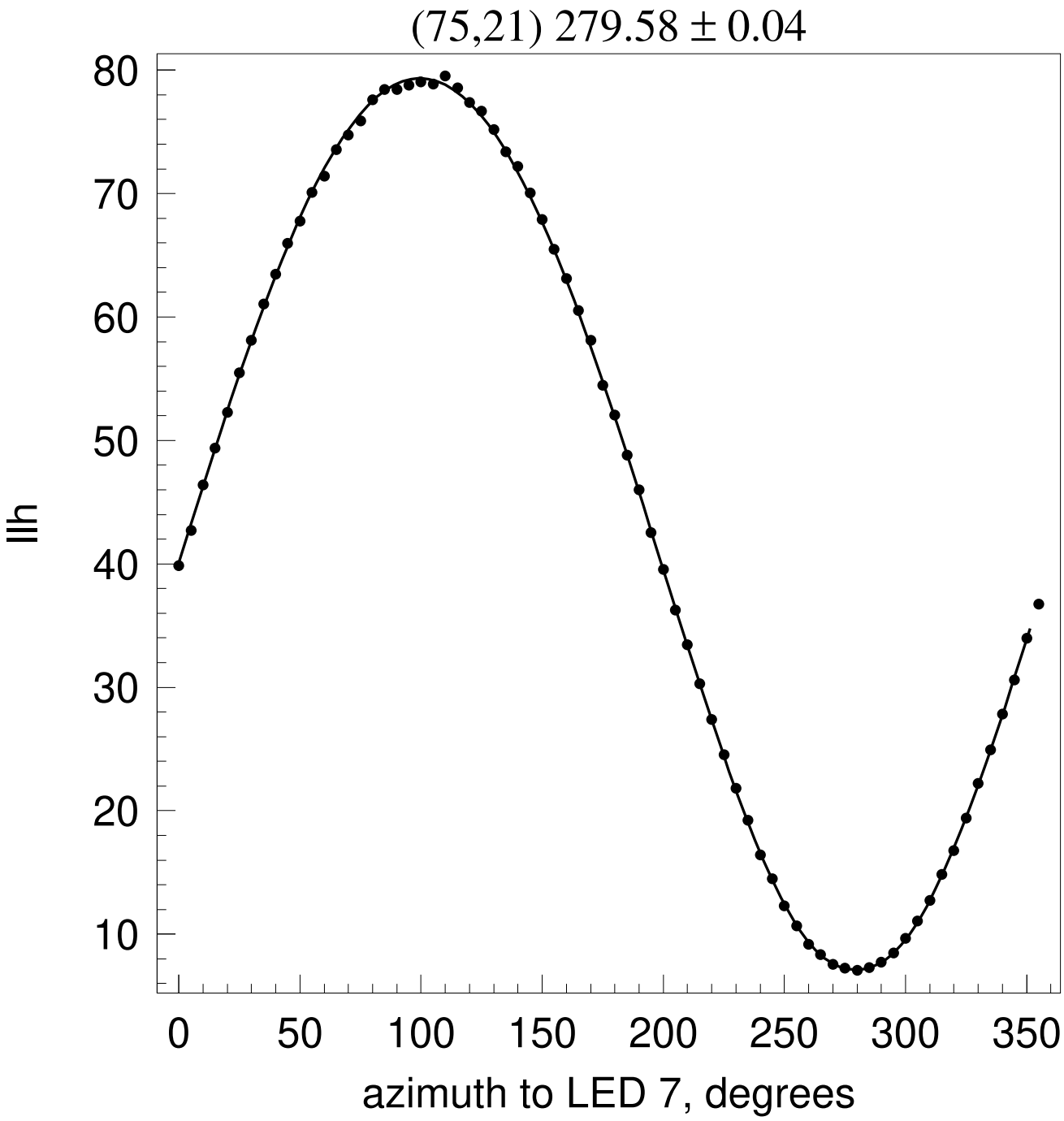

(75,16) 70.42 ± 0.05
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

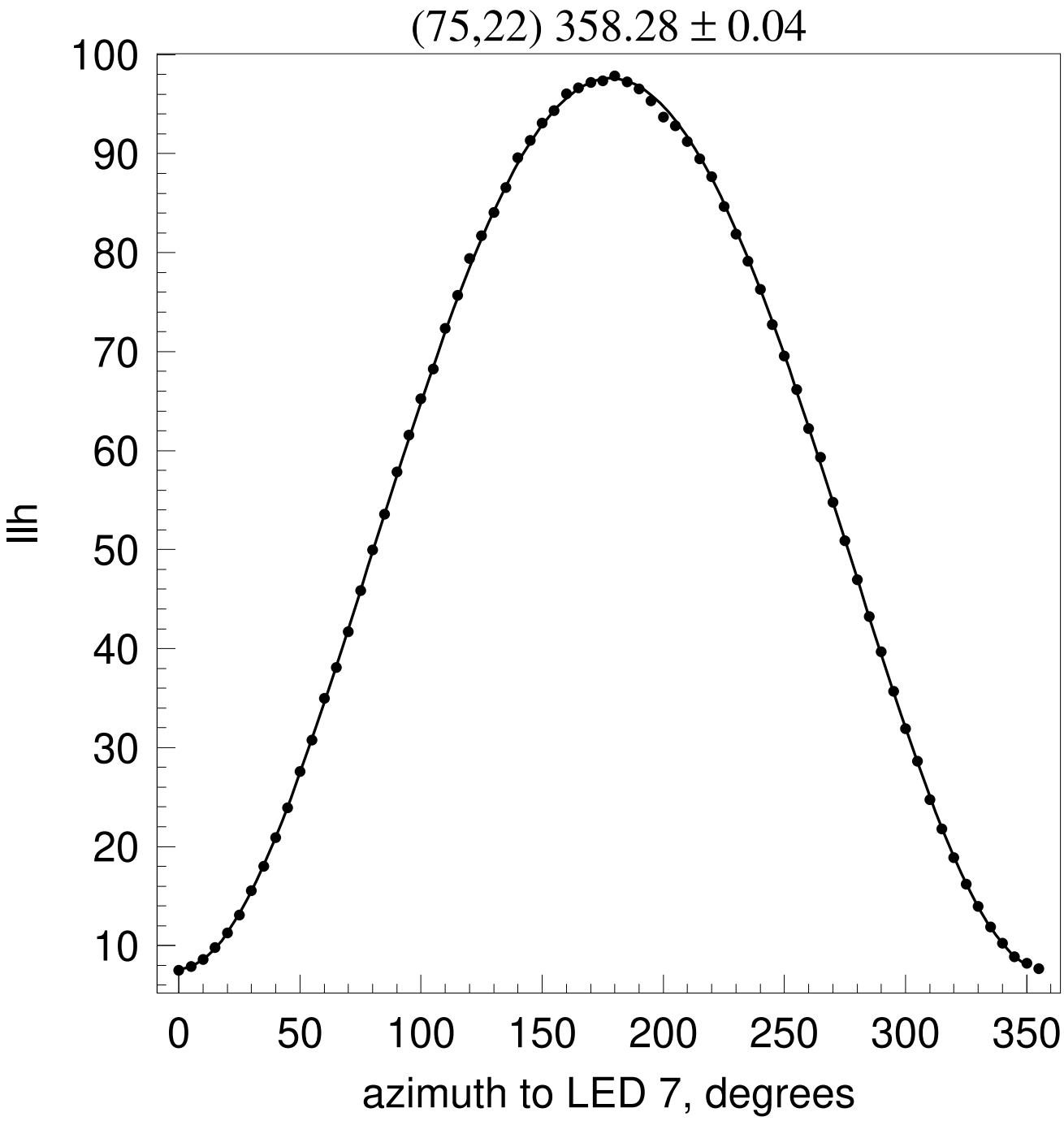

(75,17) 111.79 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

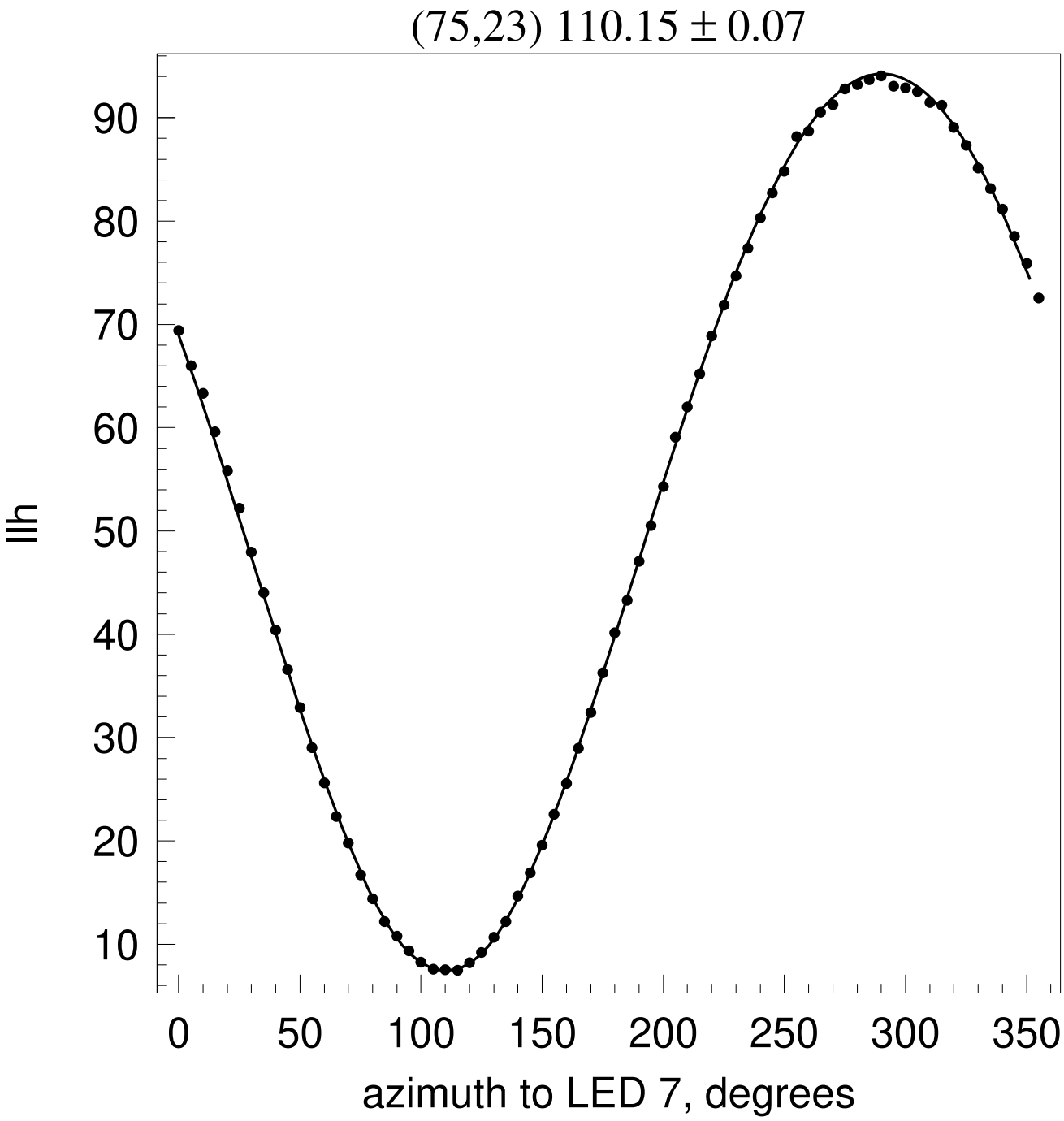

(75,18) 104.77 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

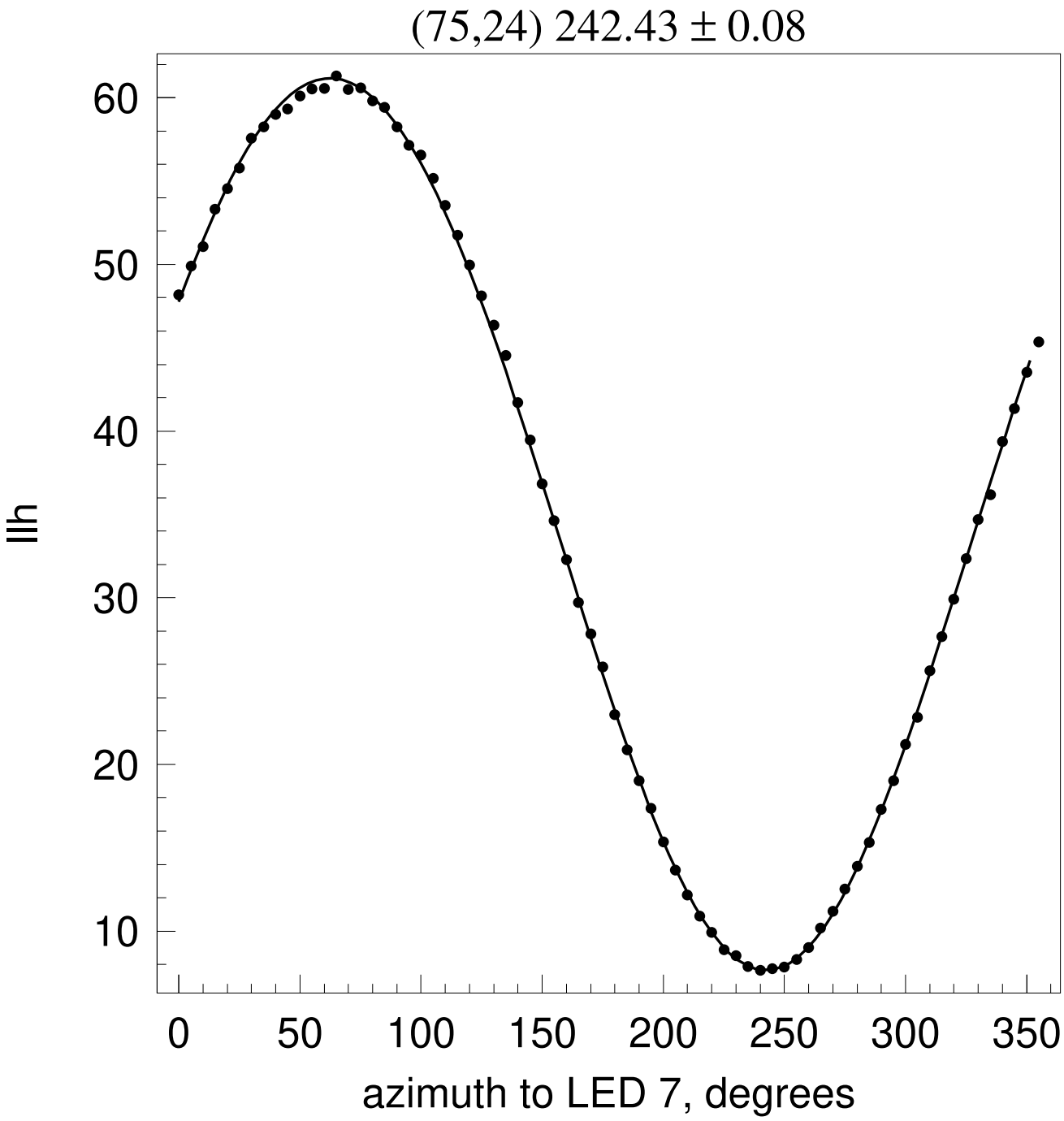

(75,19) 64.33 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

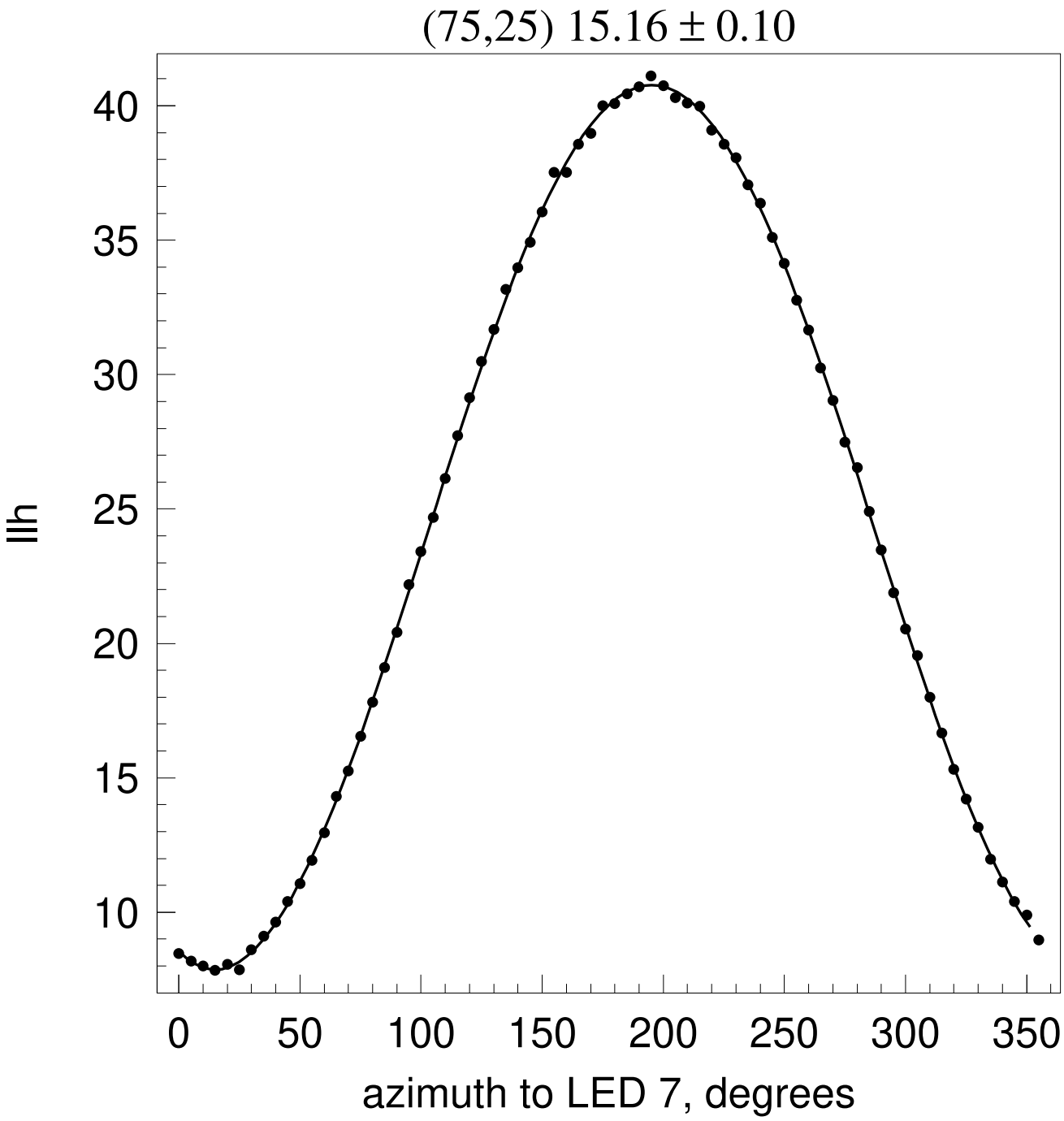

(75,20) 76.03 ± 0.11
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

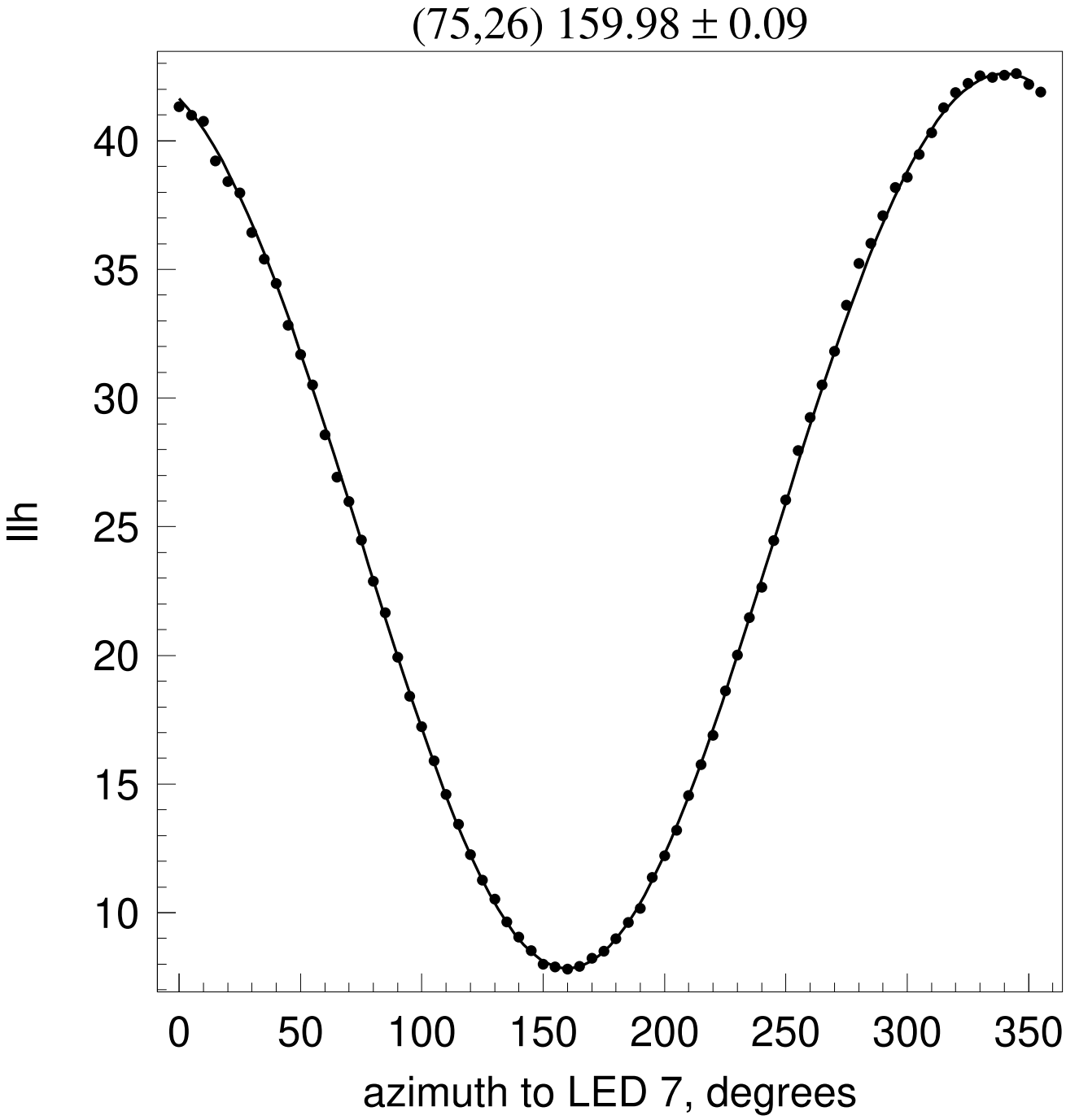

(75,21) 279.58 ± 0.04
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

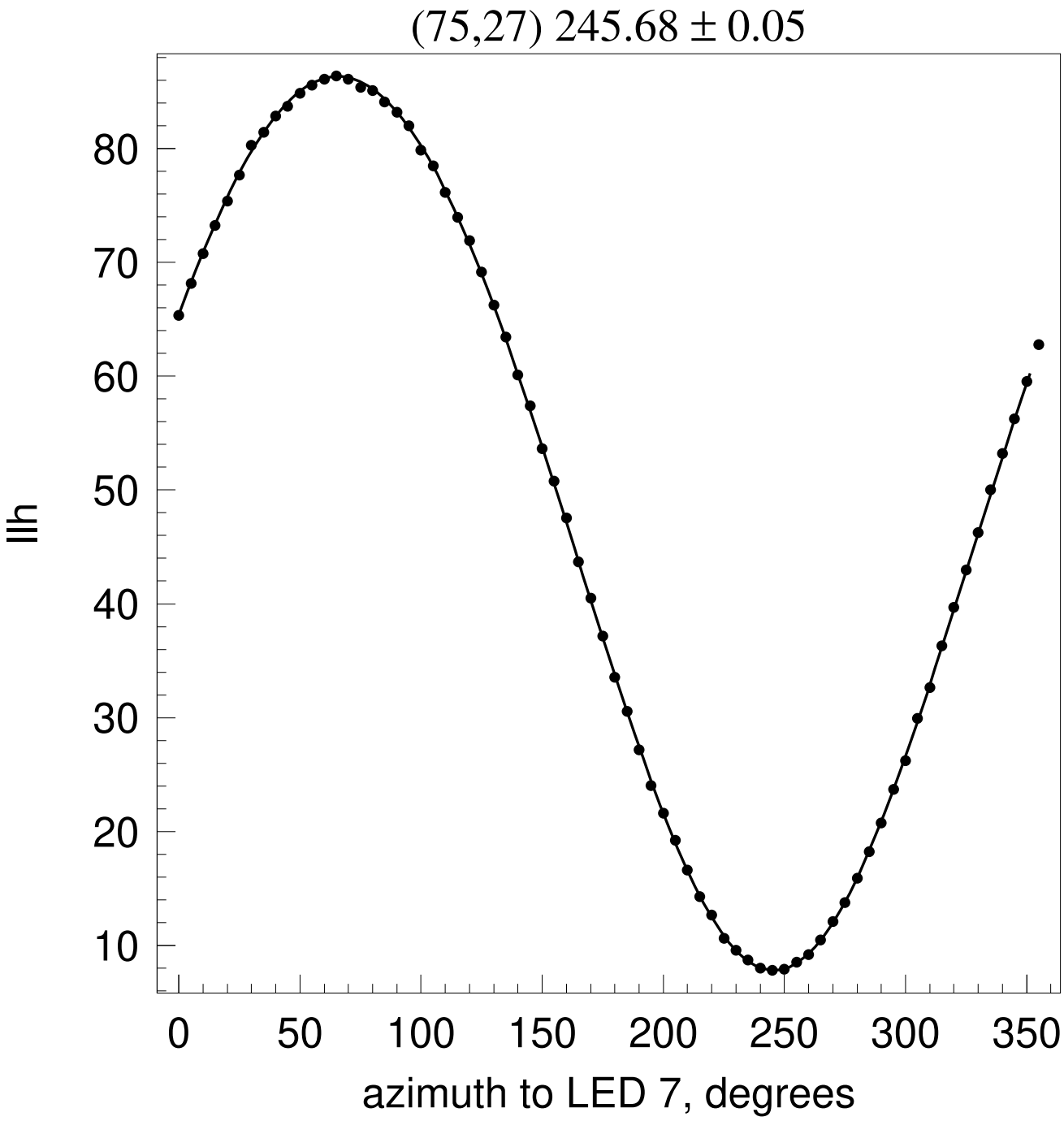

(75,22) 358.28 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

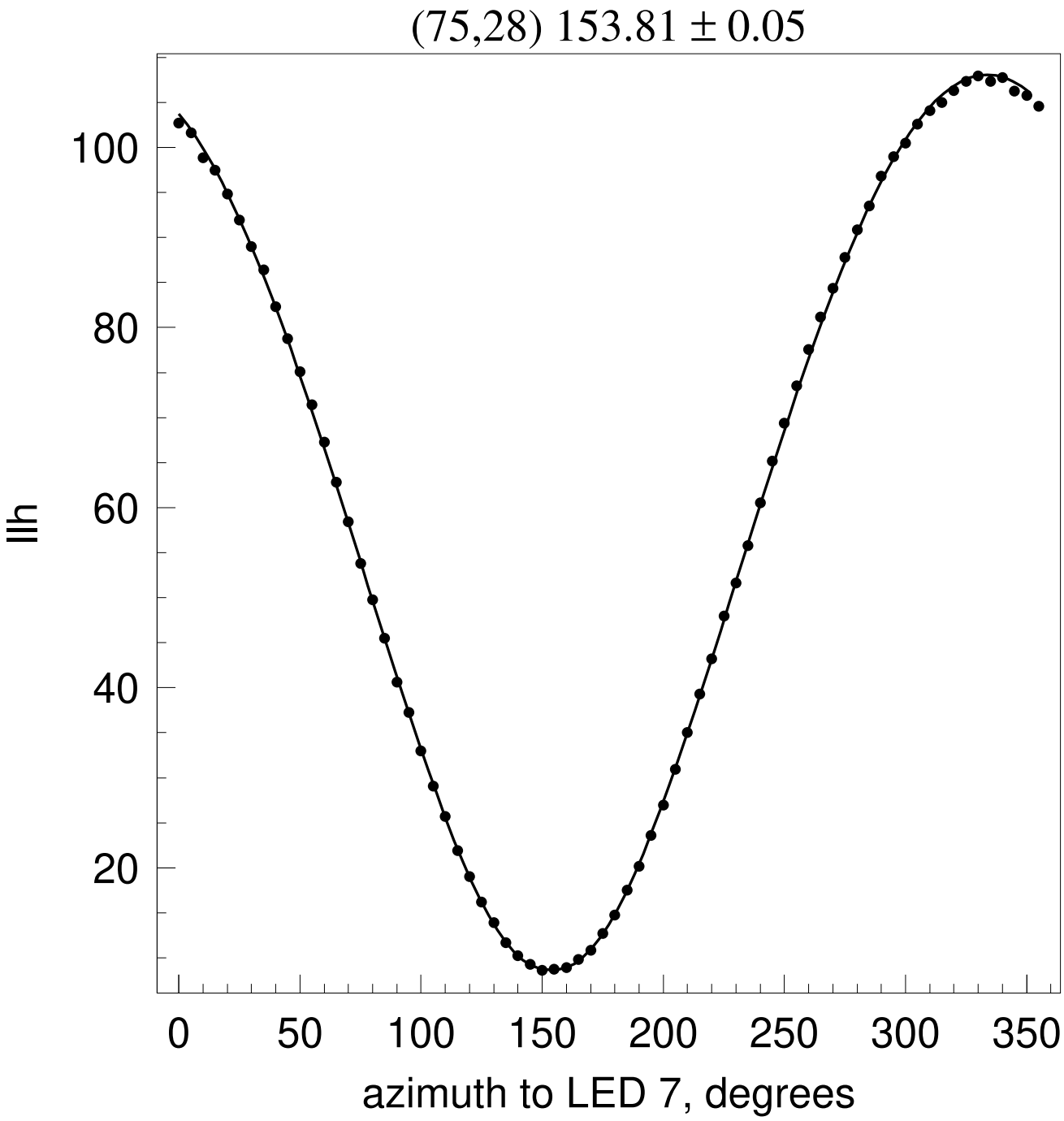

(75,23) 110.15 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

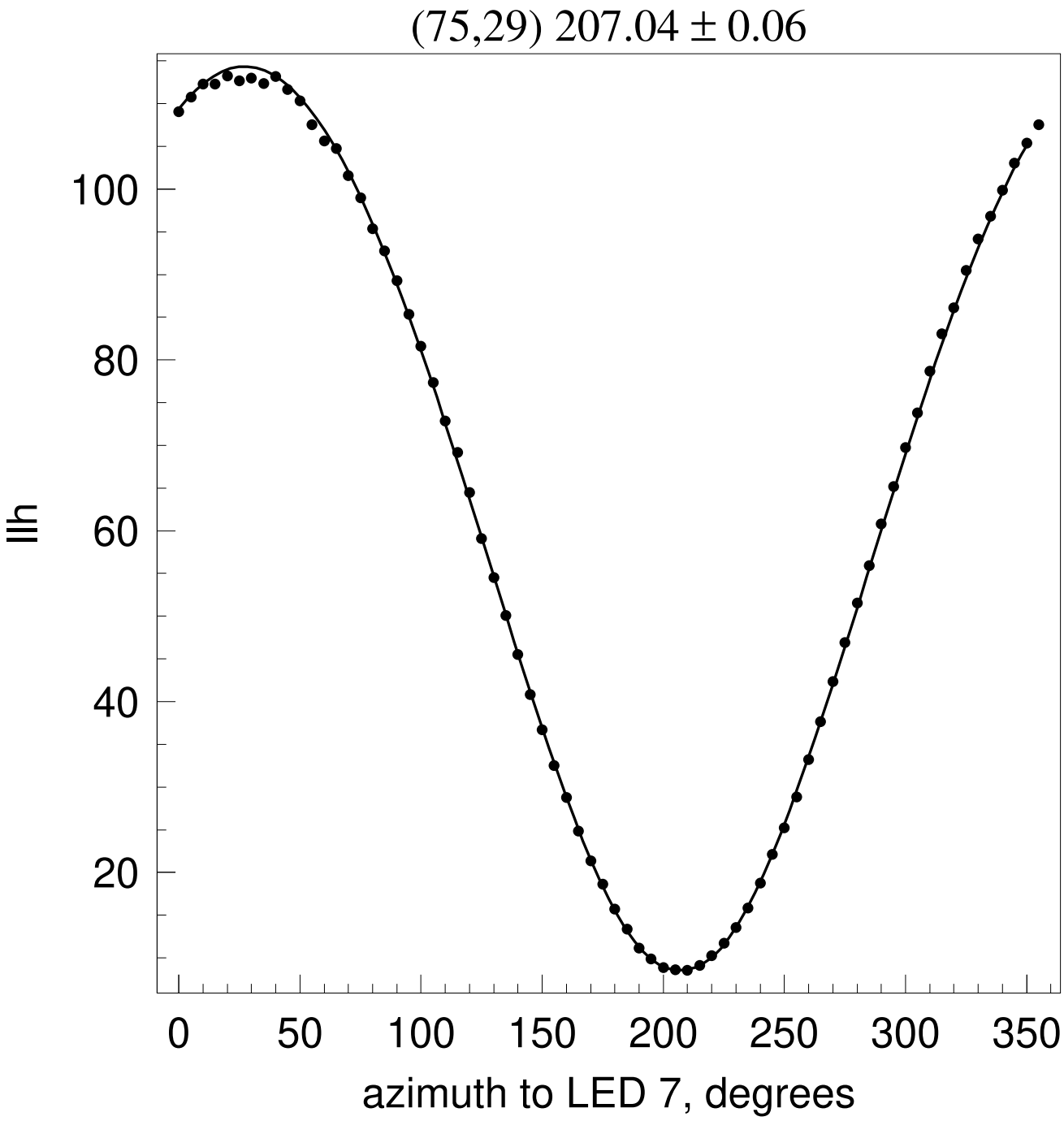

(75,24) 242.43 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

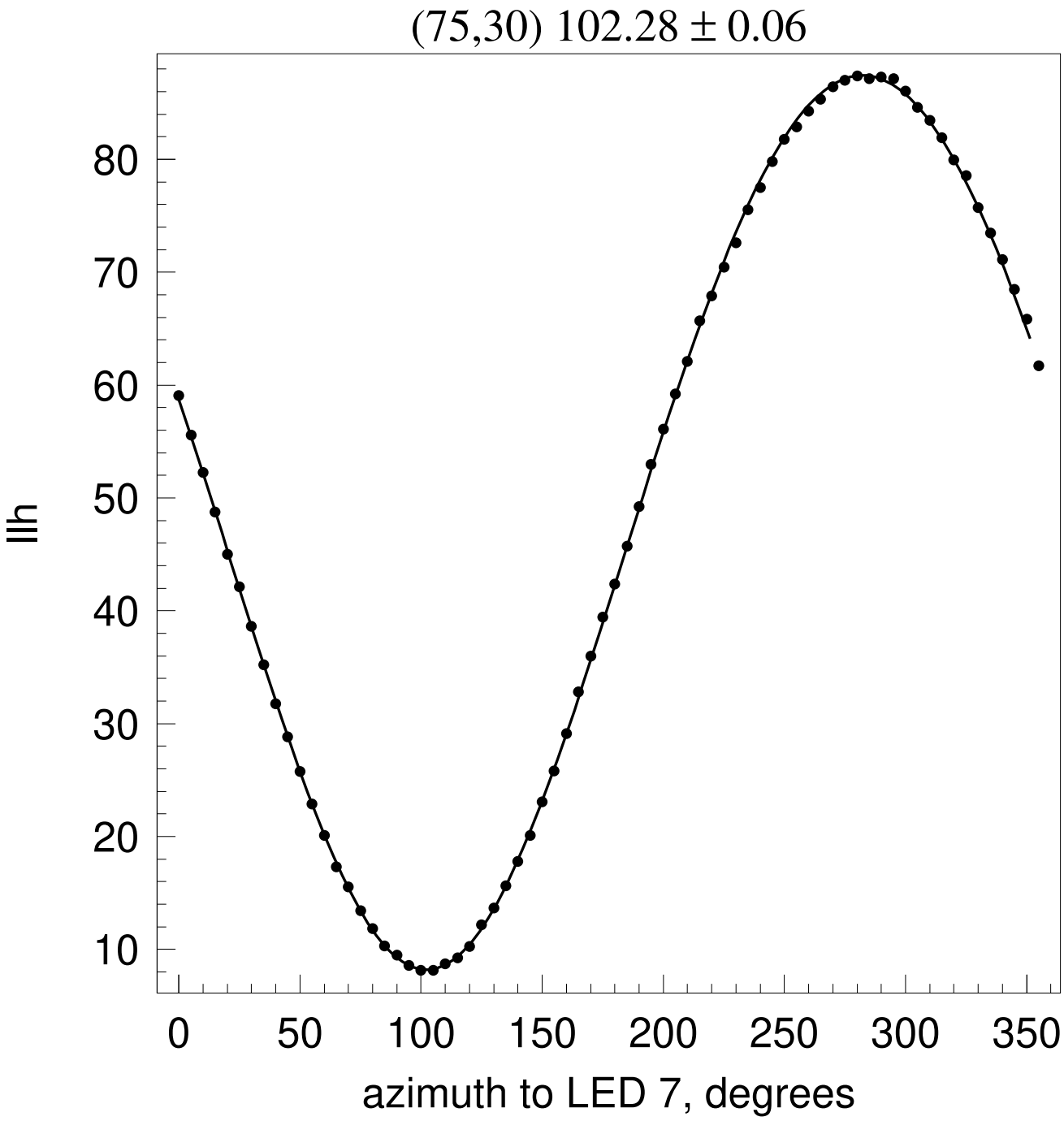

(75,25) 15.16 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

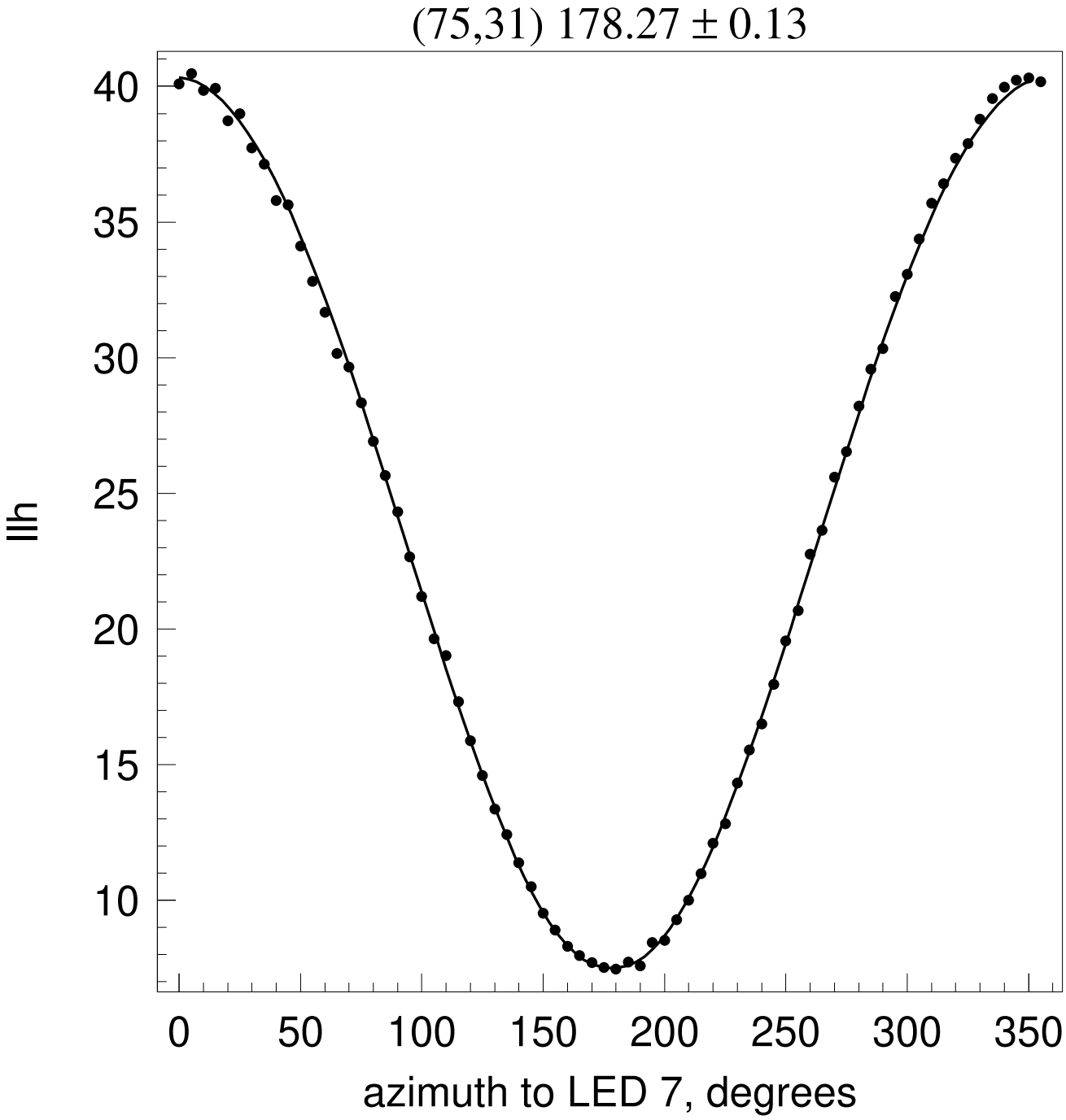

(75,26) 159.98 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

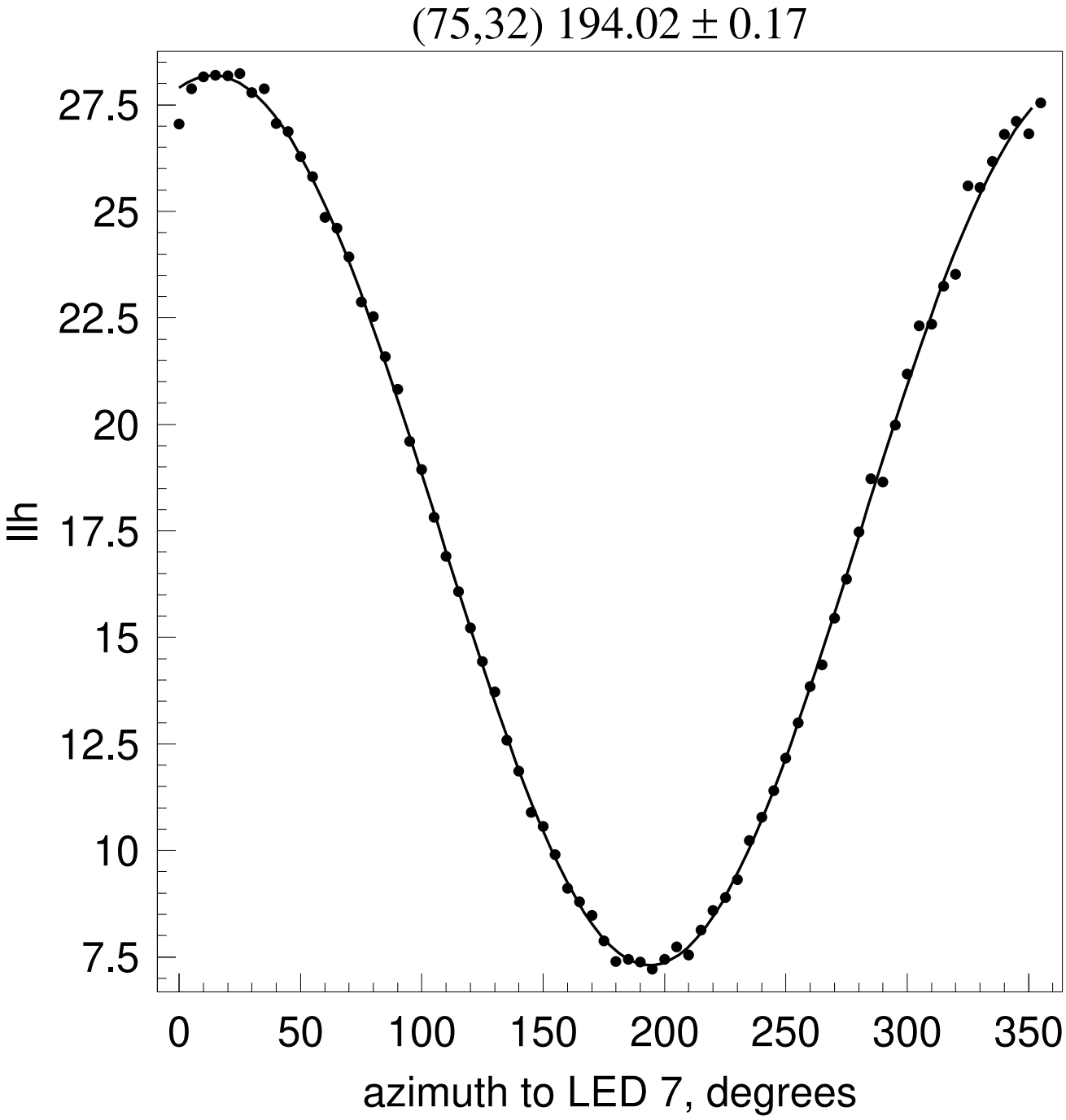

(75,27) 245.68 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

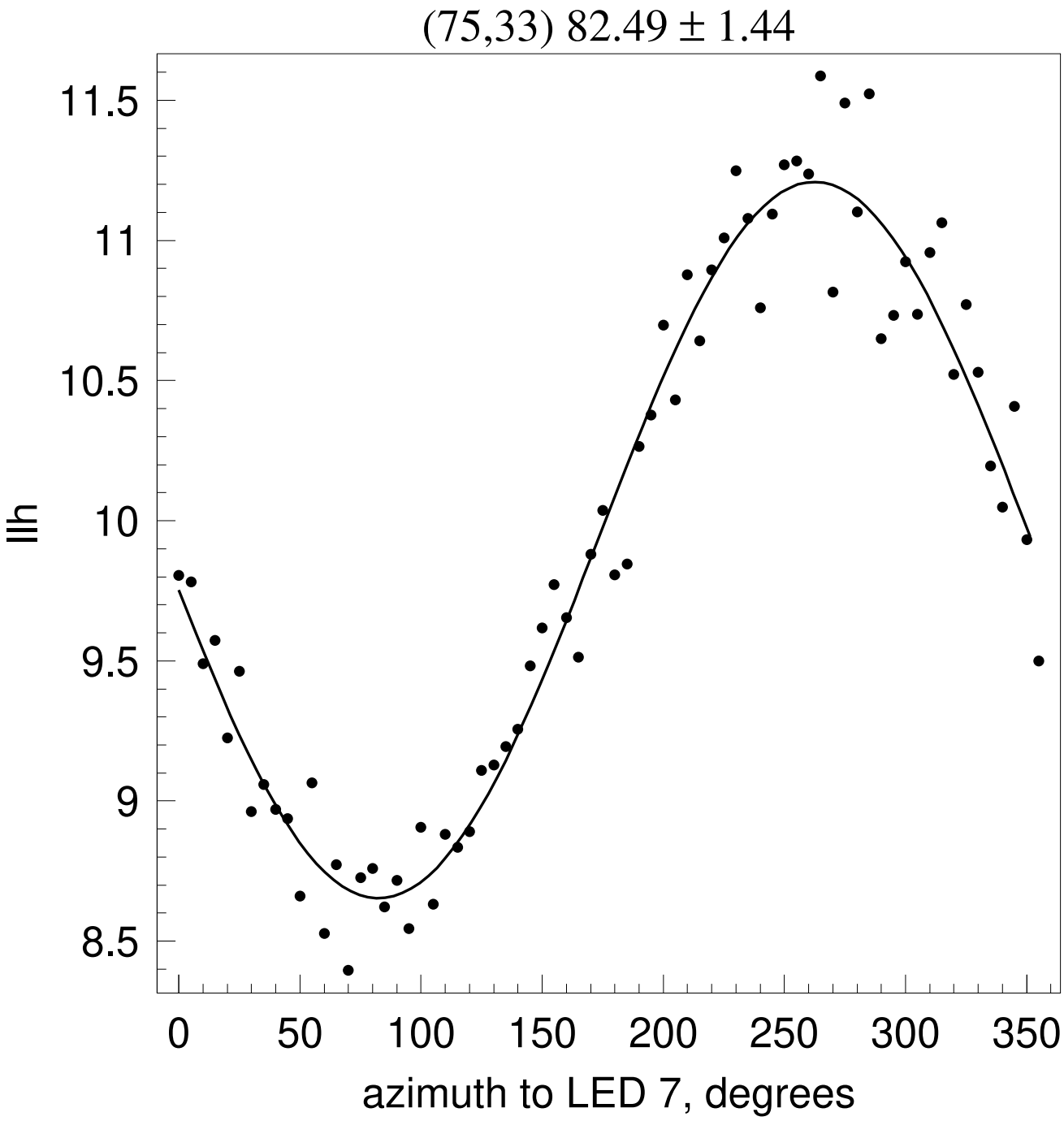

(75,28) 153.81 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

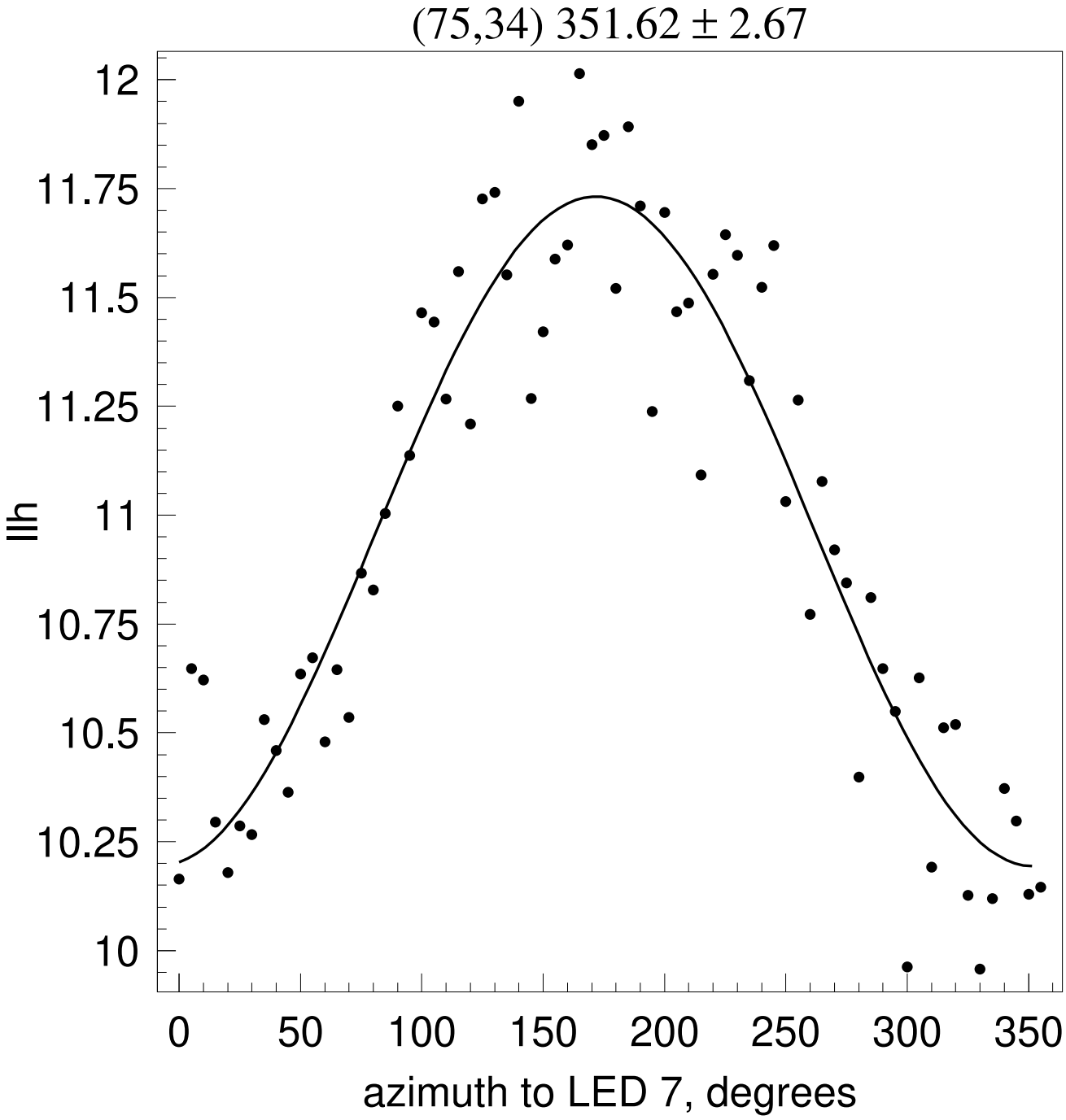

(75,29) 207.04 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

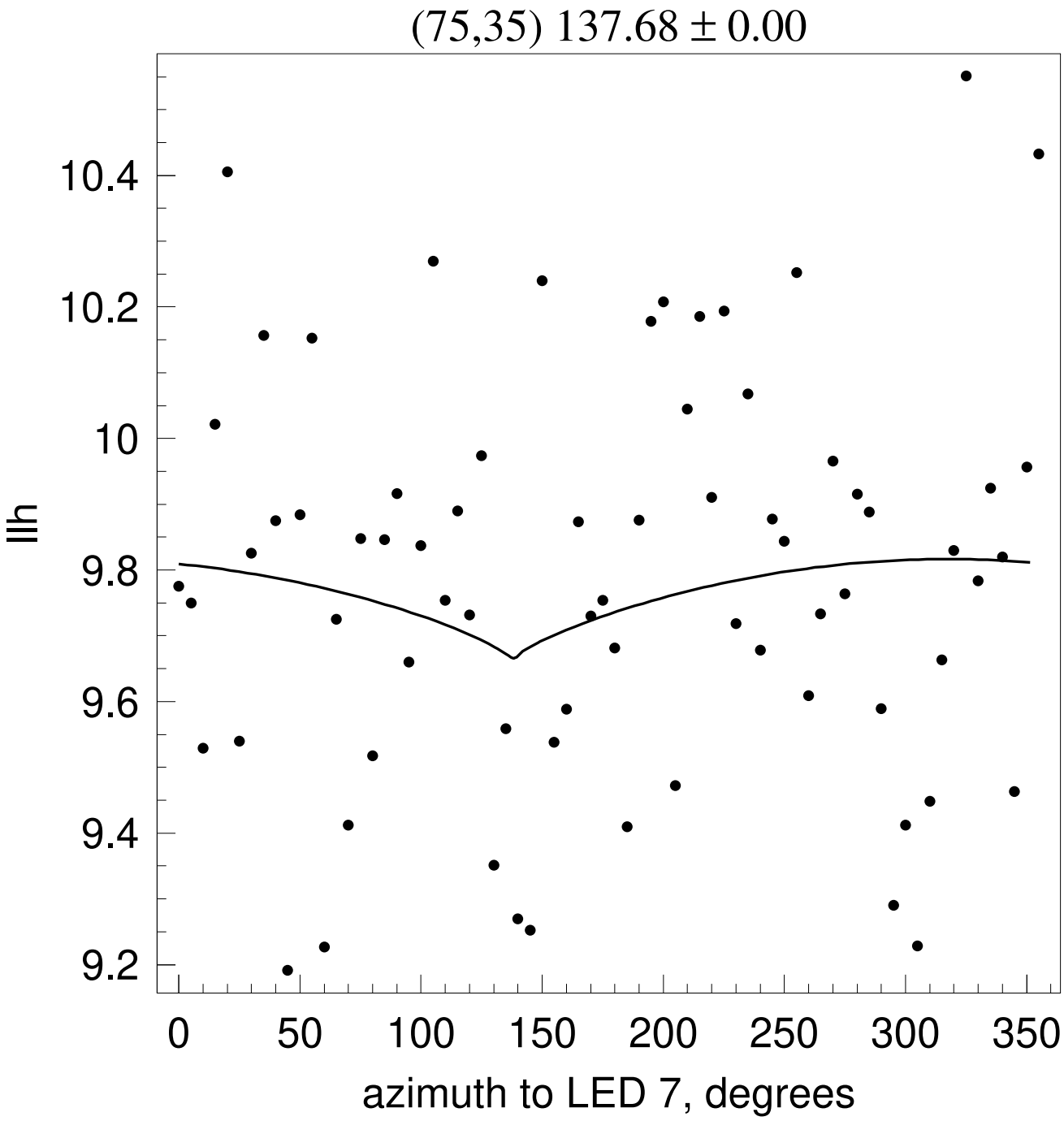

(75,30) 102.28 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

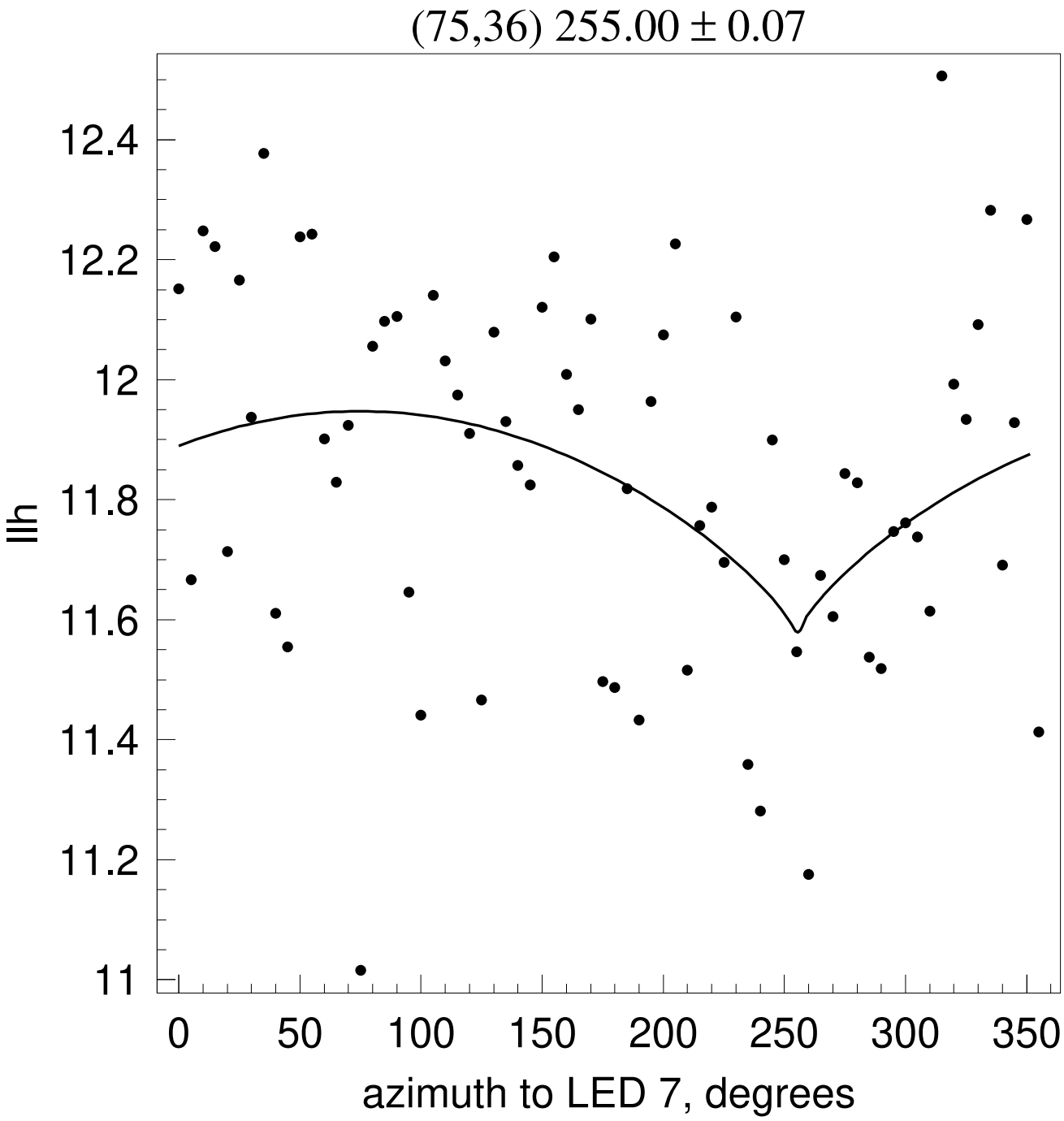

(75,31) 178.27 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

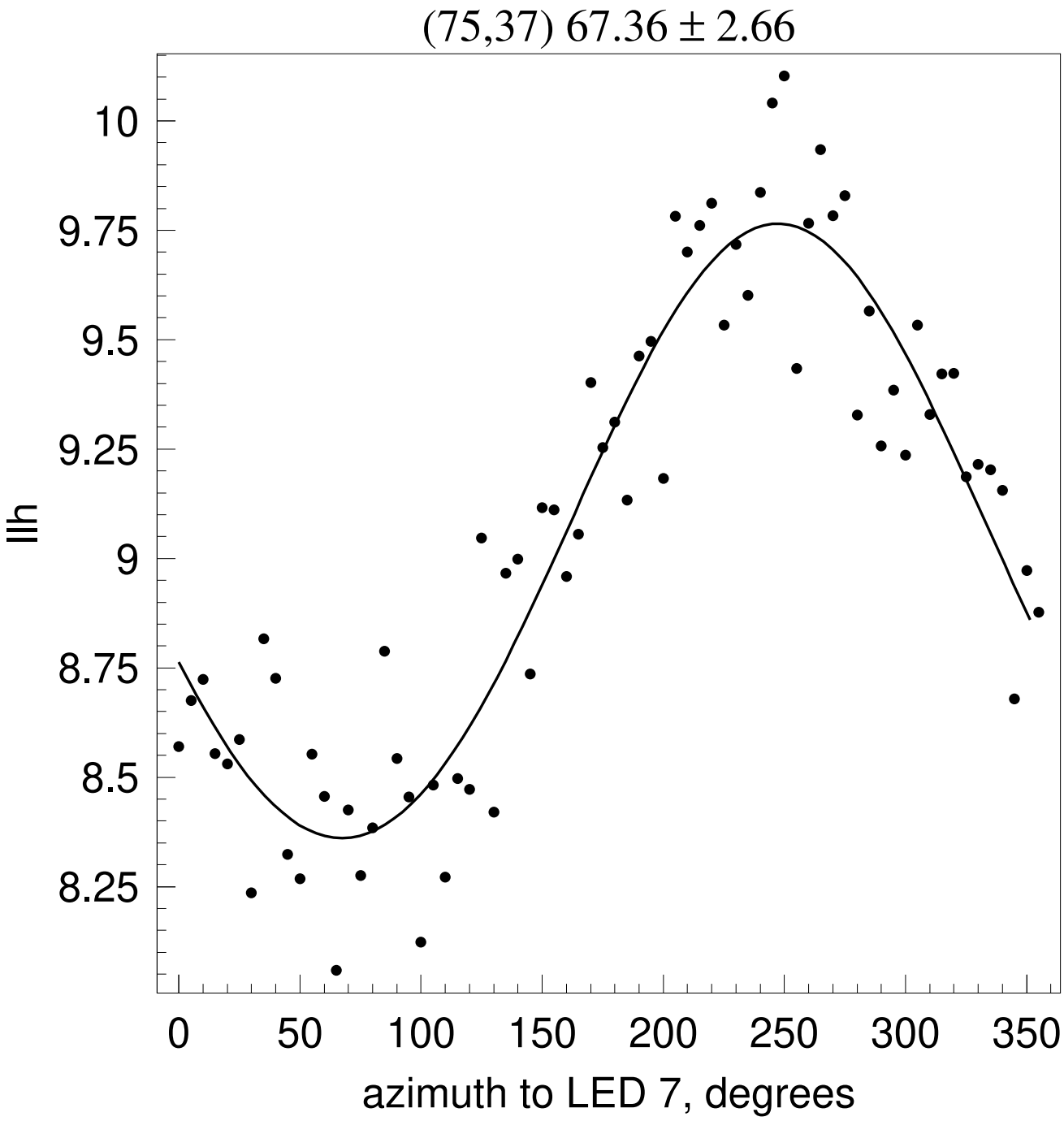

(75,32) 194.02 ± 0.17
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

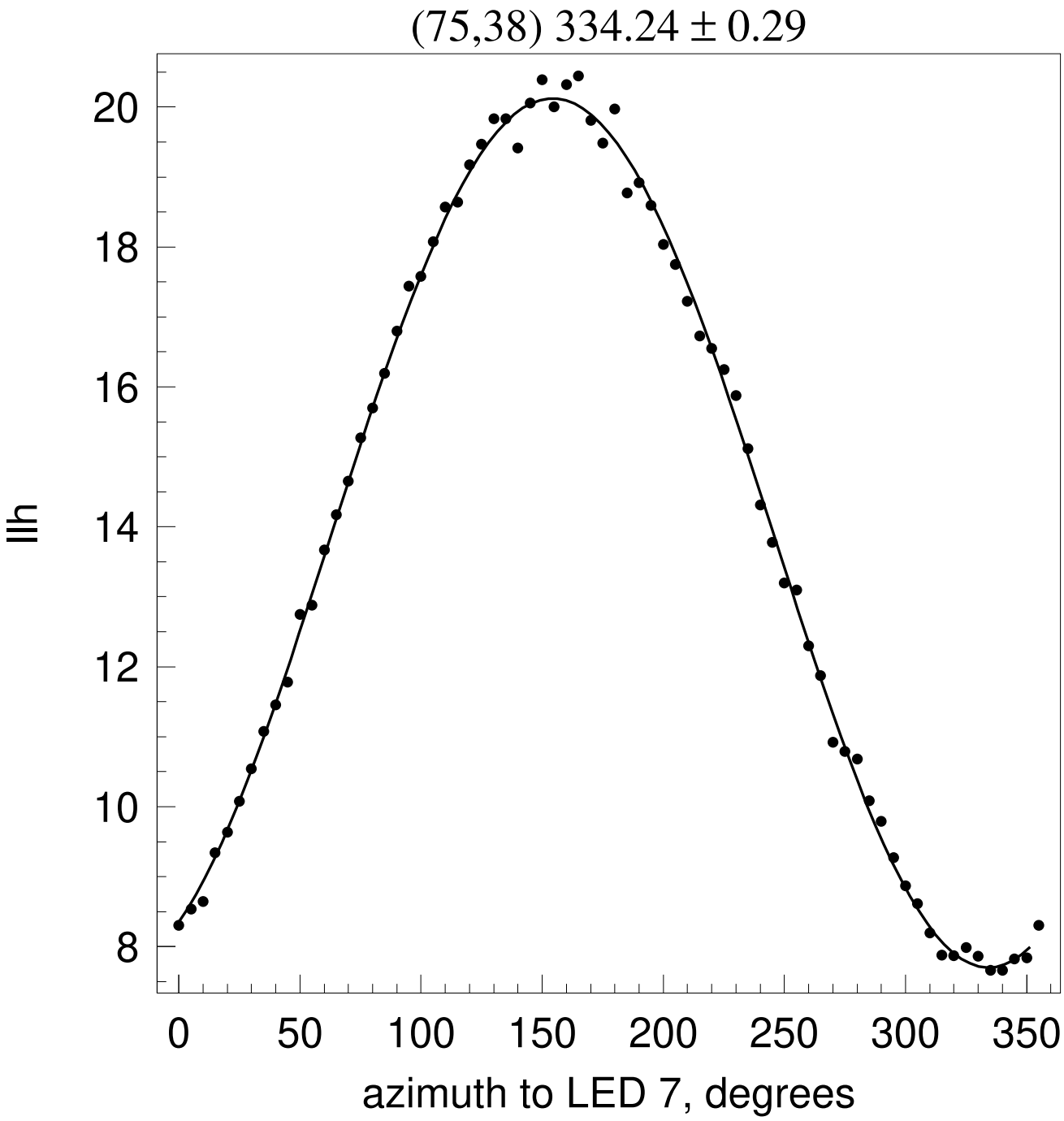

(75,33) 82.49 ± 1.44
11.5
11
10.5
10
9.5
9
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

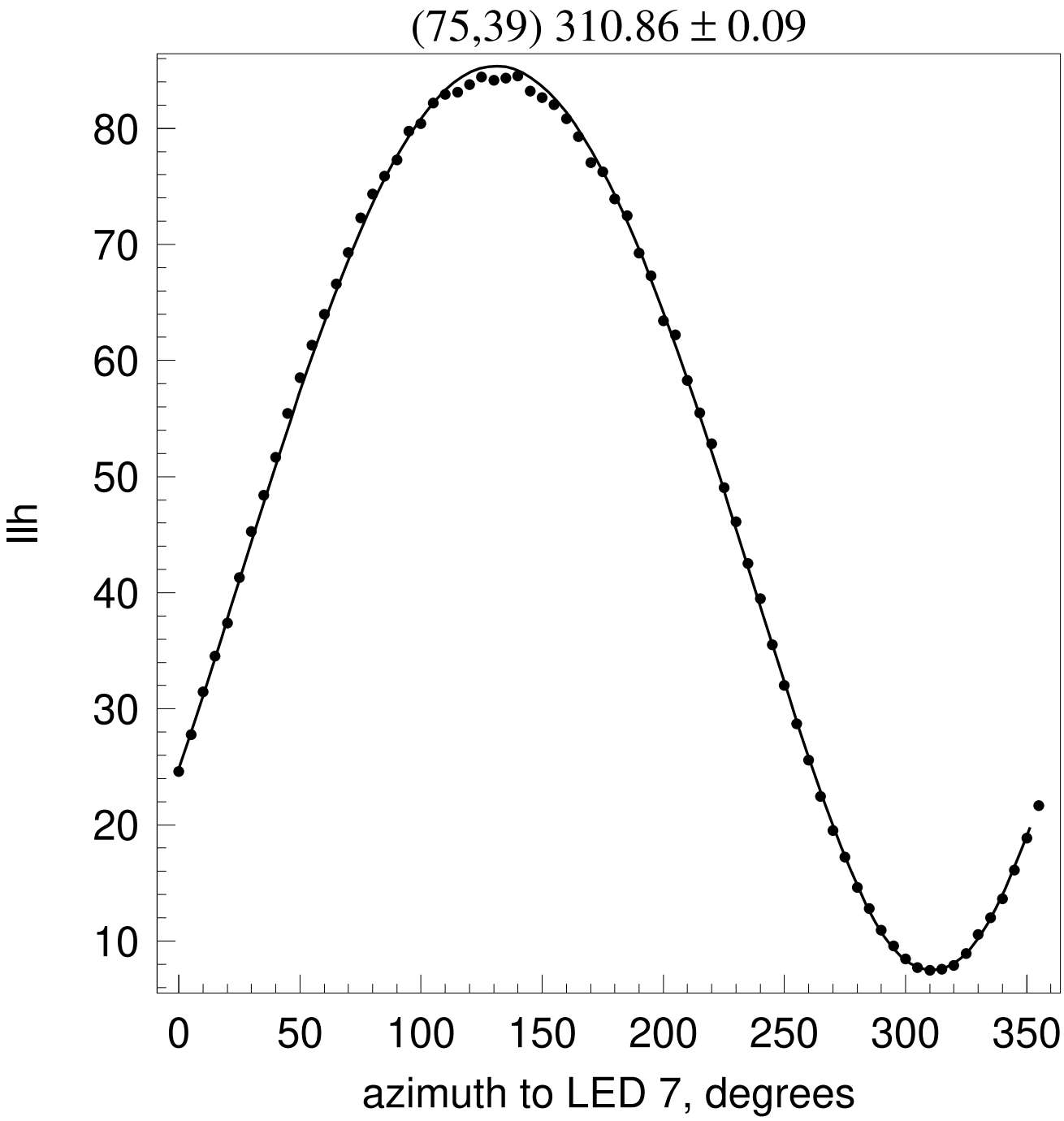

(75,34) 351.62 ± 2.67
12
11.75
11.5
11.25
11
10.75
10.5
10.25
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

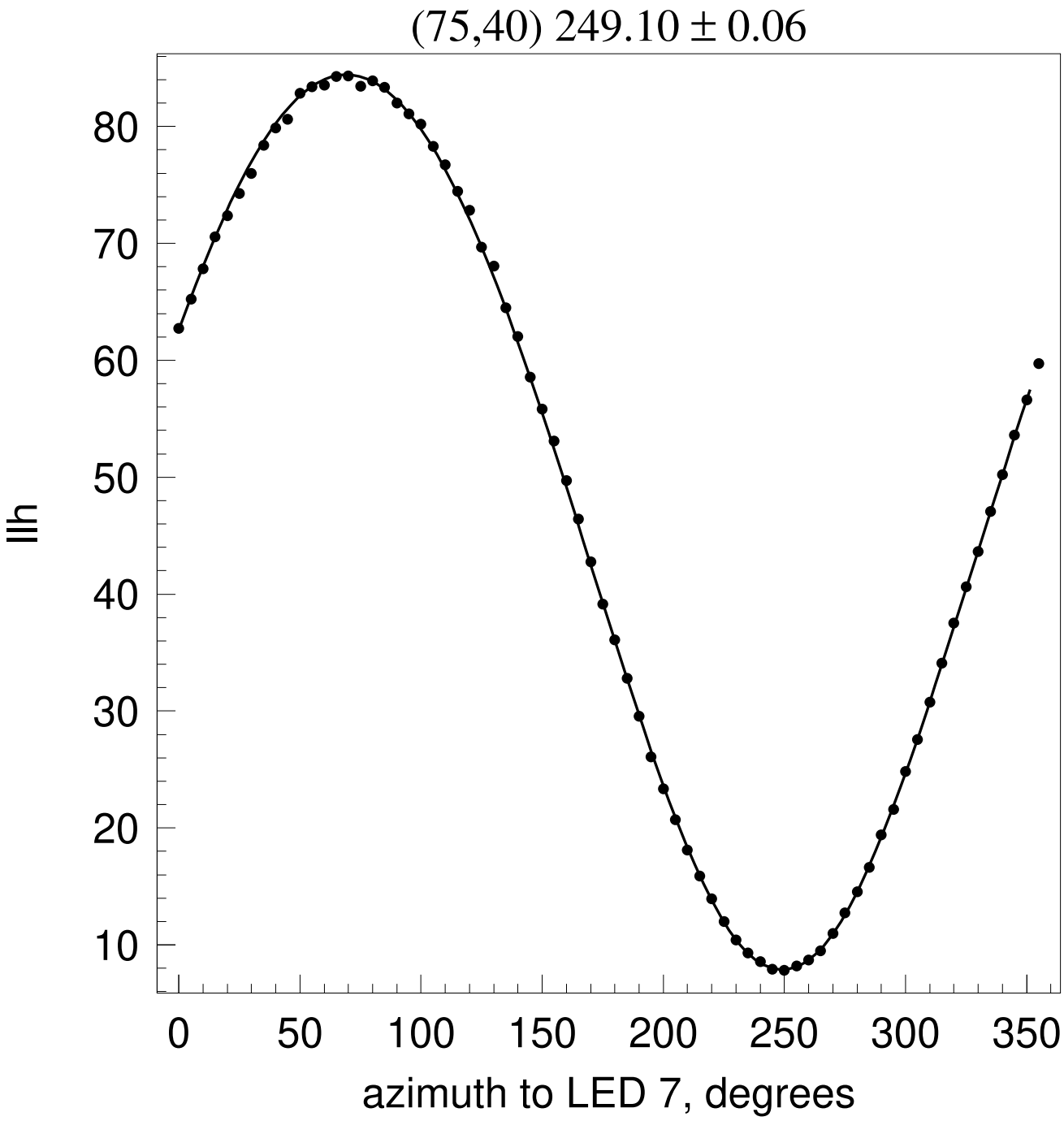

(75,35) 137.68 ± 0.00
10.4
10.2
10
9.8
9.6
9.4
9.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

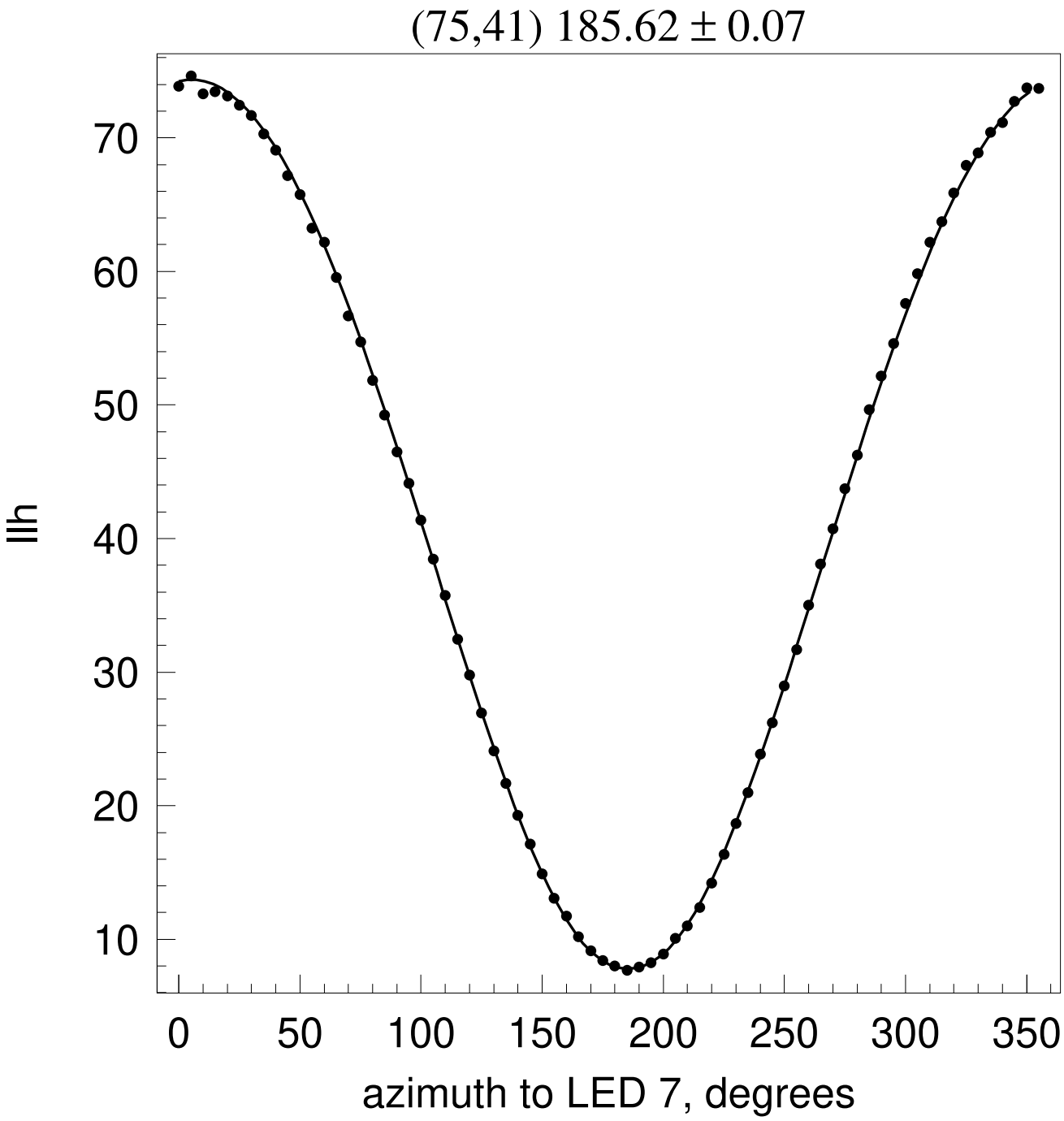

(75,36) 255.00 ± 0.07
12.4
12.2
12
11.8
11.6
11.4
11.2
11
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

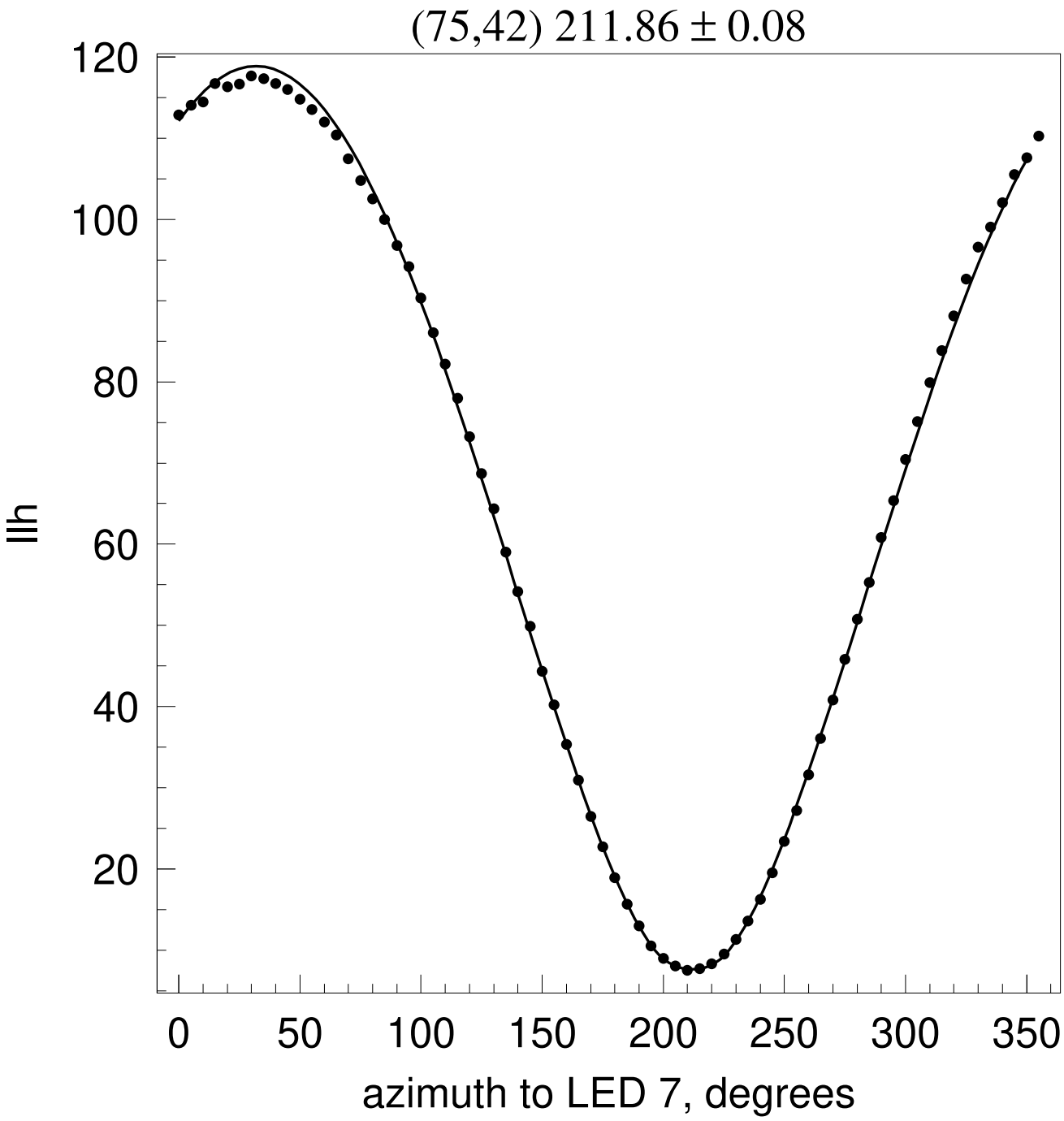

(75,37) 67.36 ± 2.66
10
9.75
9.5
9.25
9
8.75
8.5
8.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

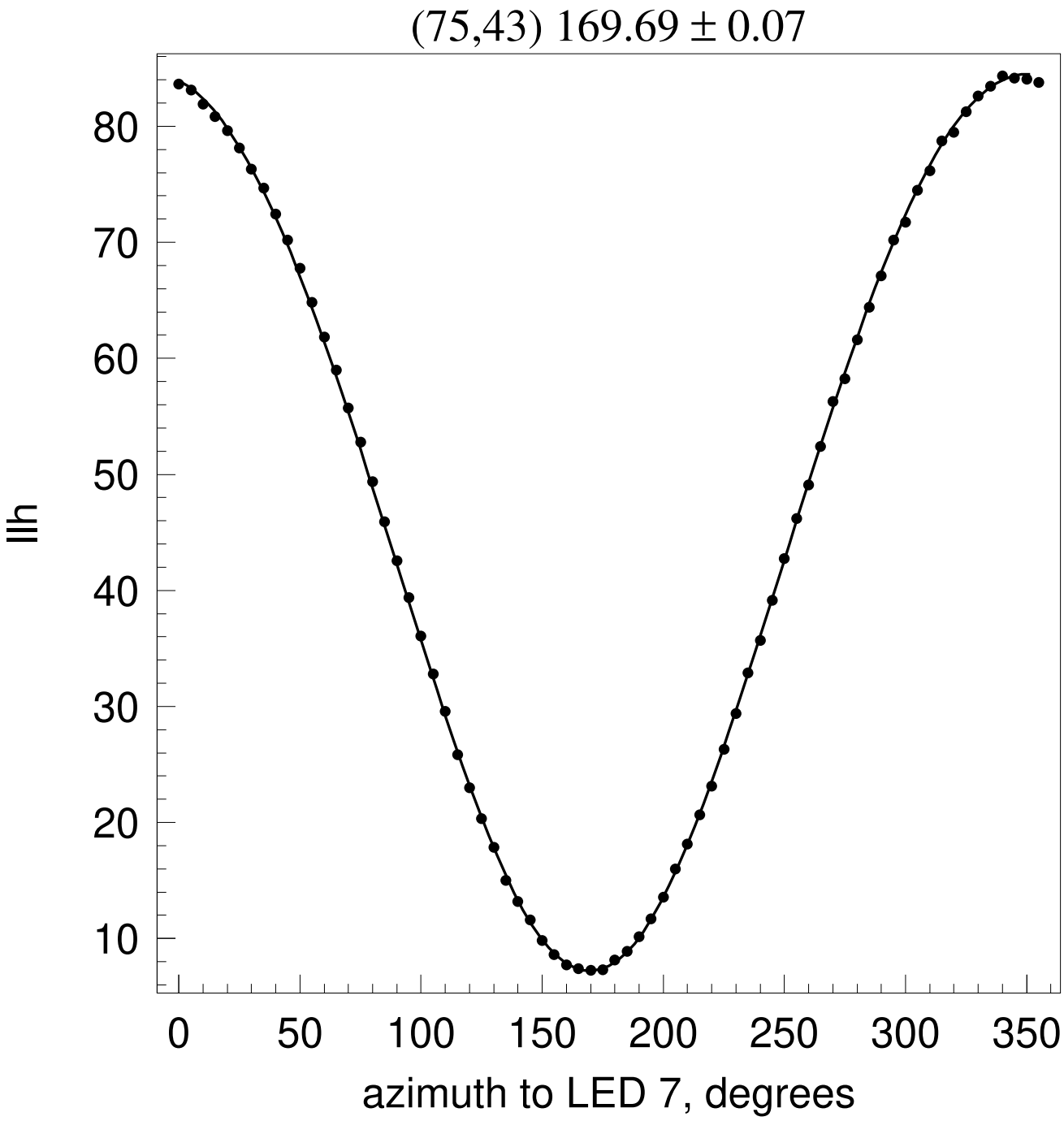

(75,38) 334.24 ± 0.29
20
18
16
14
12
10
8
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

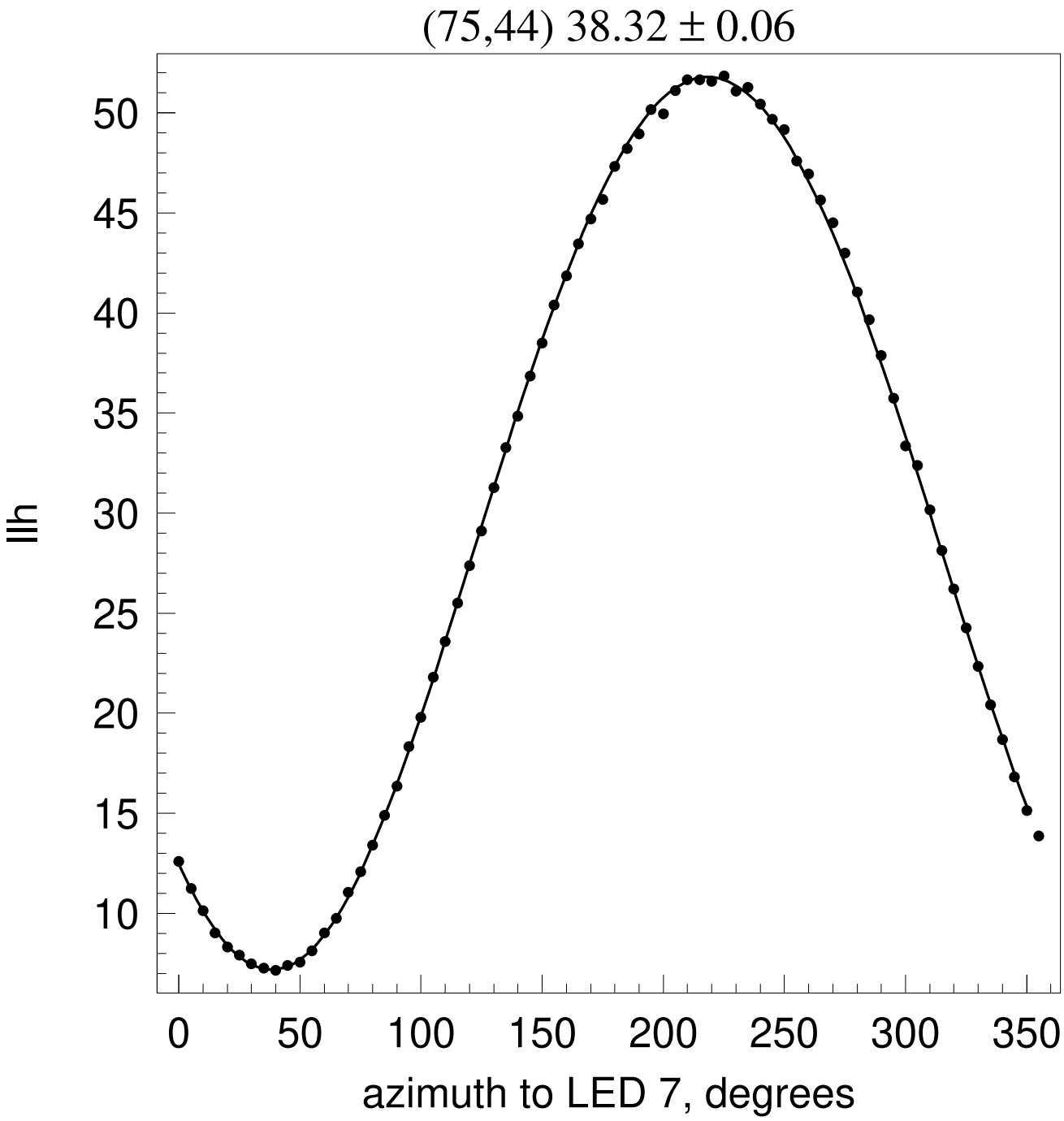

(75,39) 310.86 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

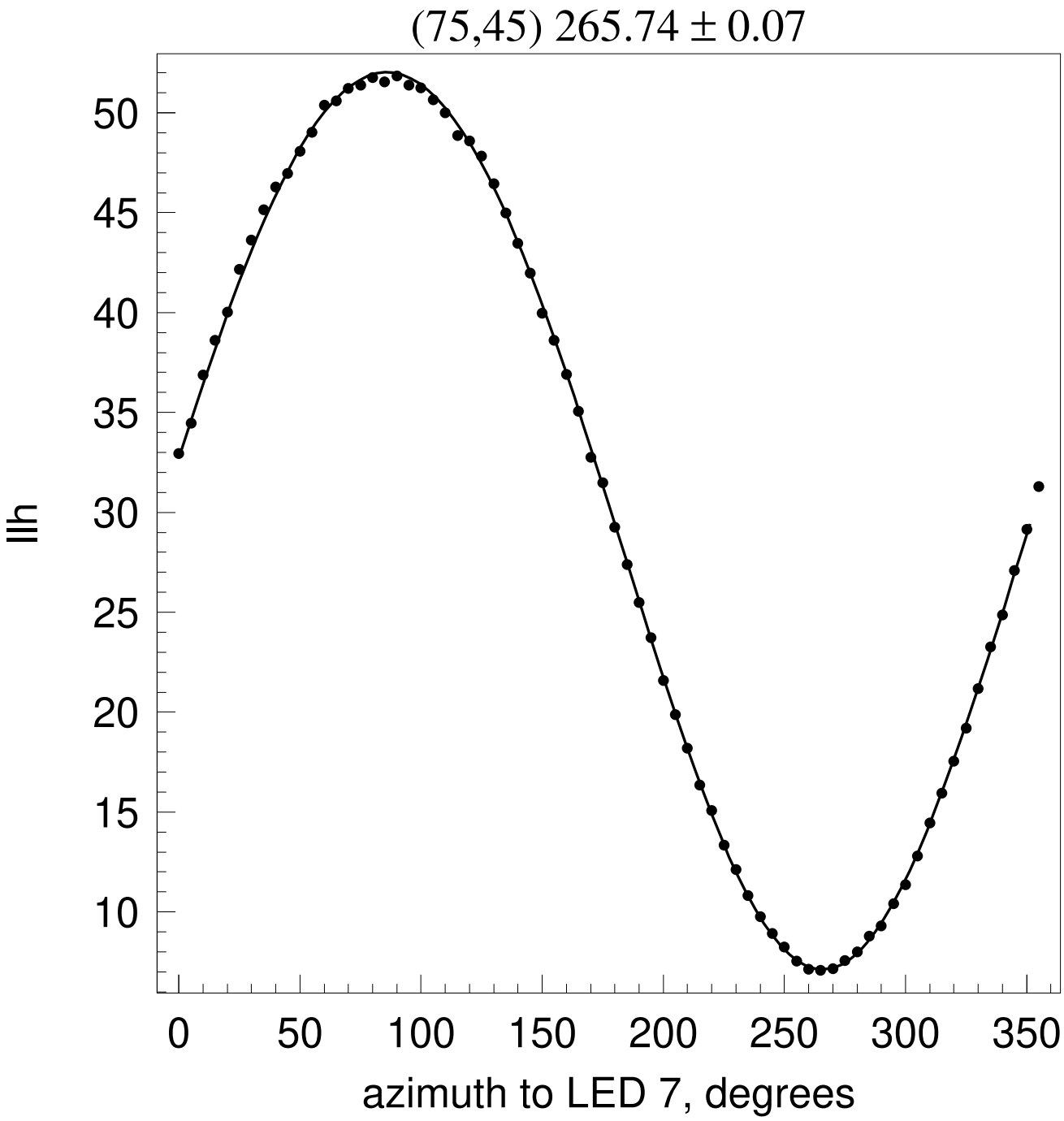

(75,40) 249.10 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

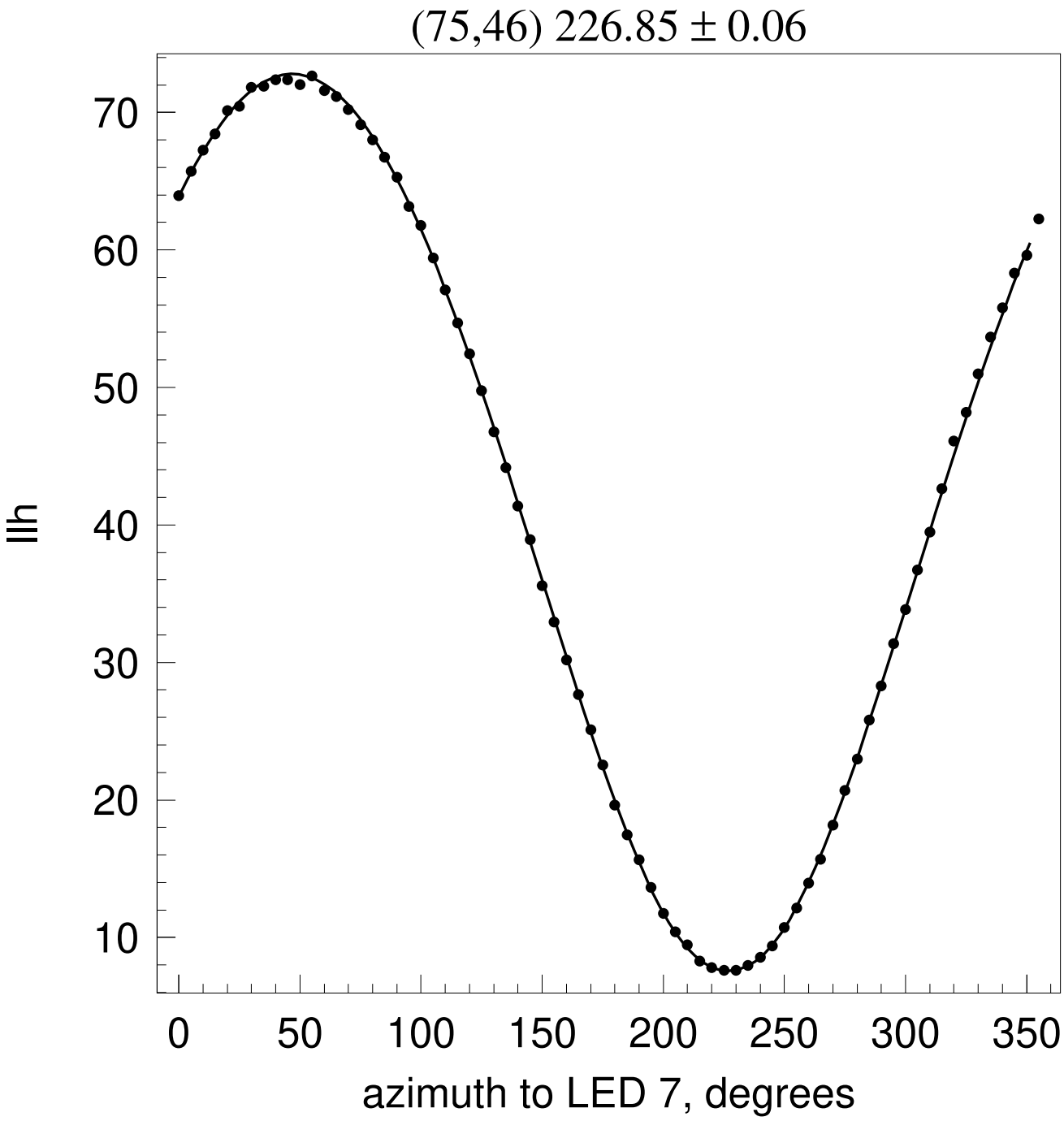

(75,41) 185.62 ± 0.07
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

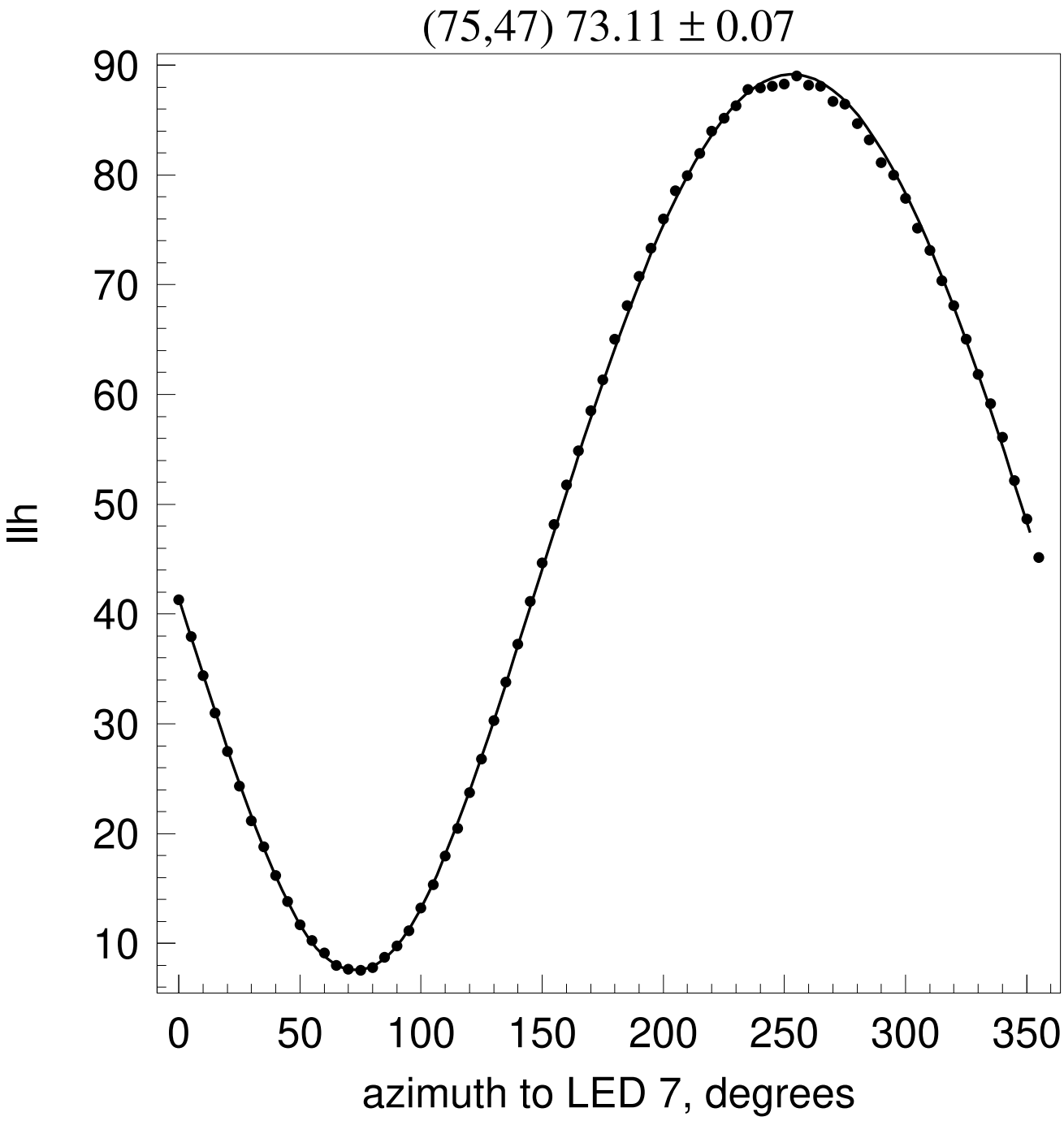

(75,42) 211.86 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

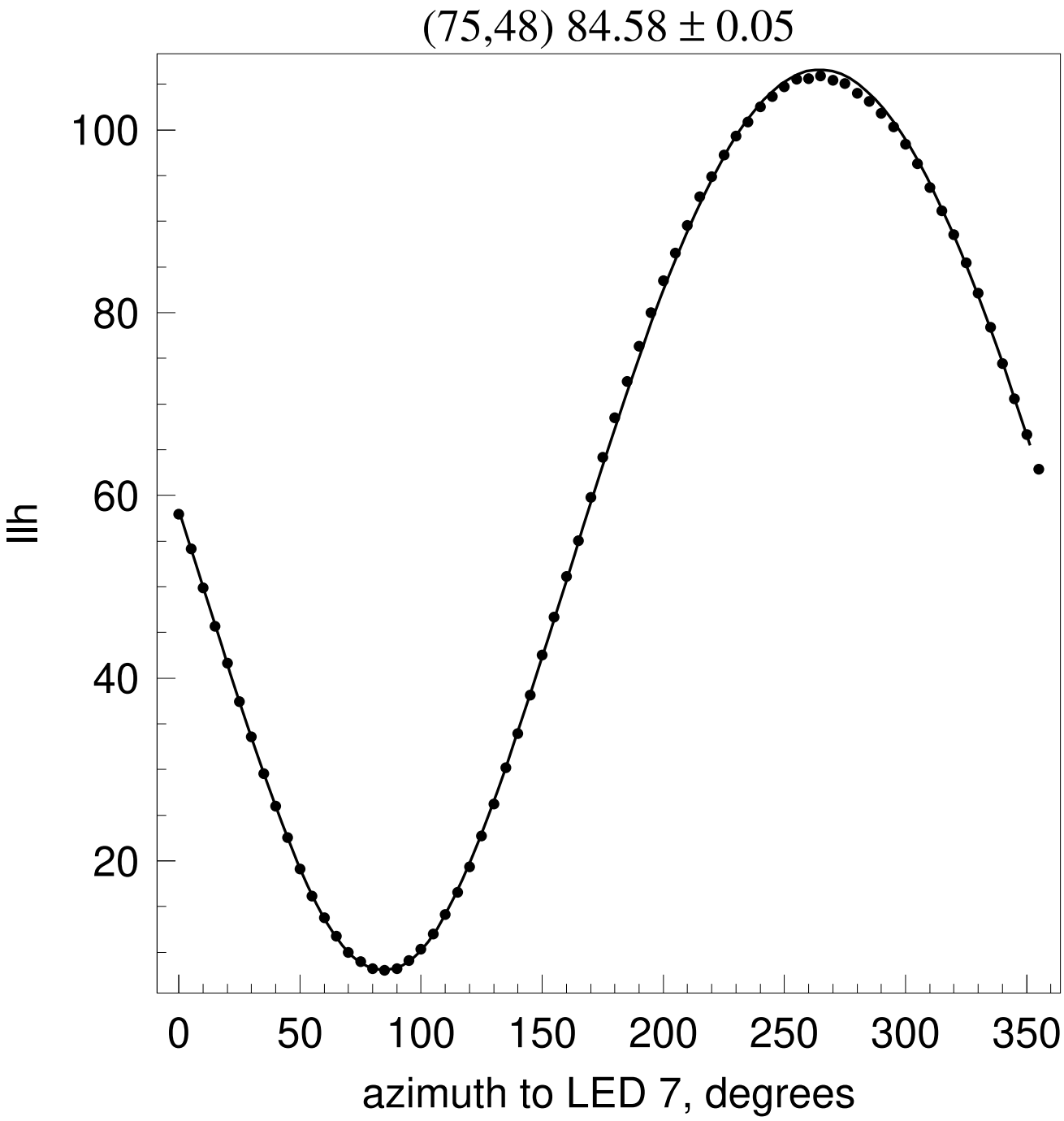

(75,43) 169.69 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

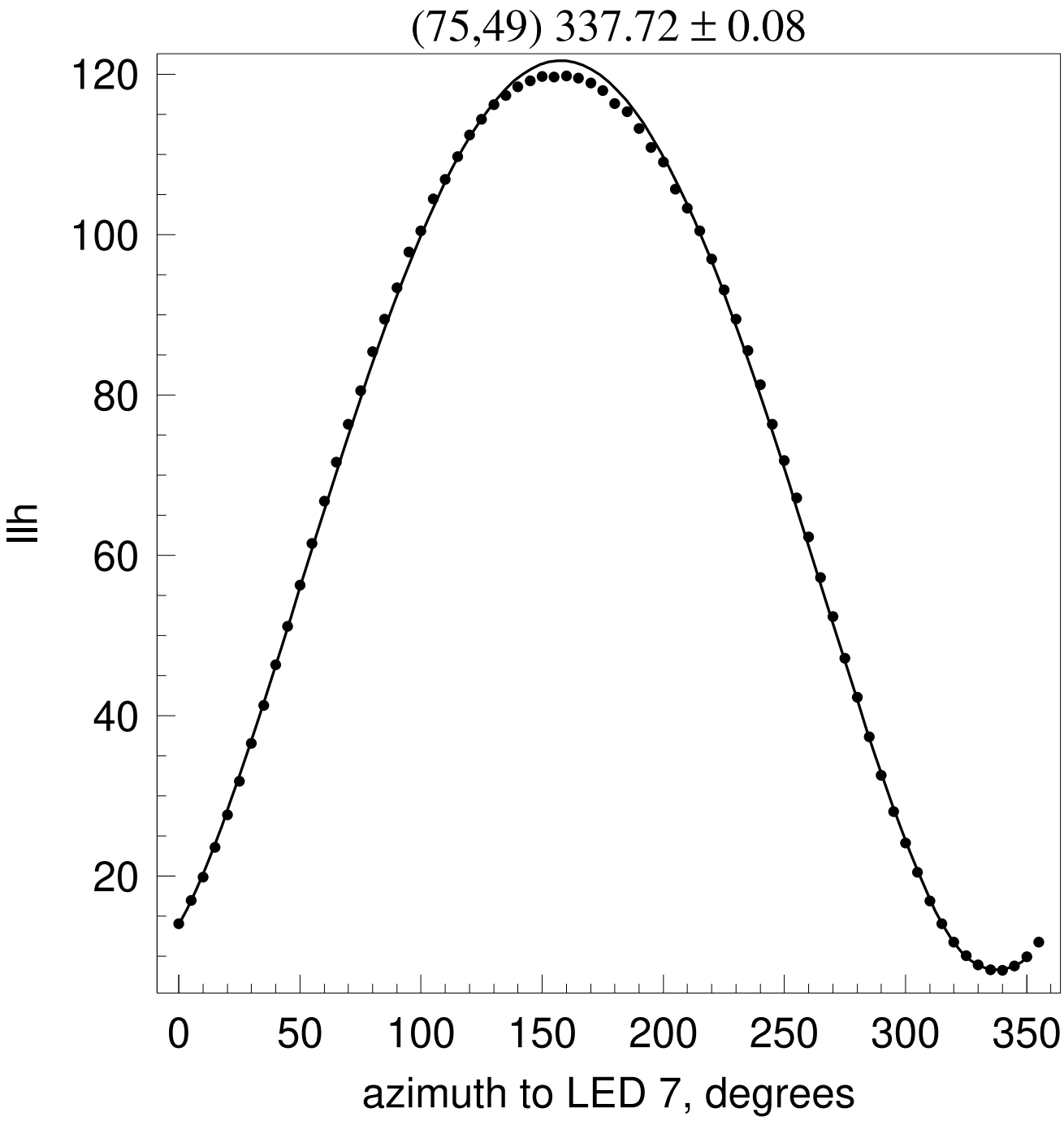

(75,44) 38.32 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

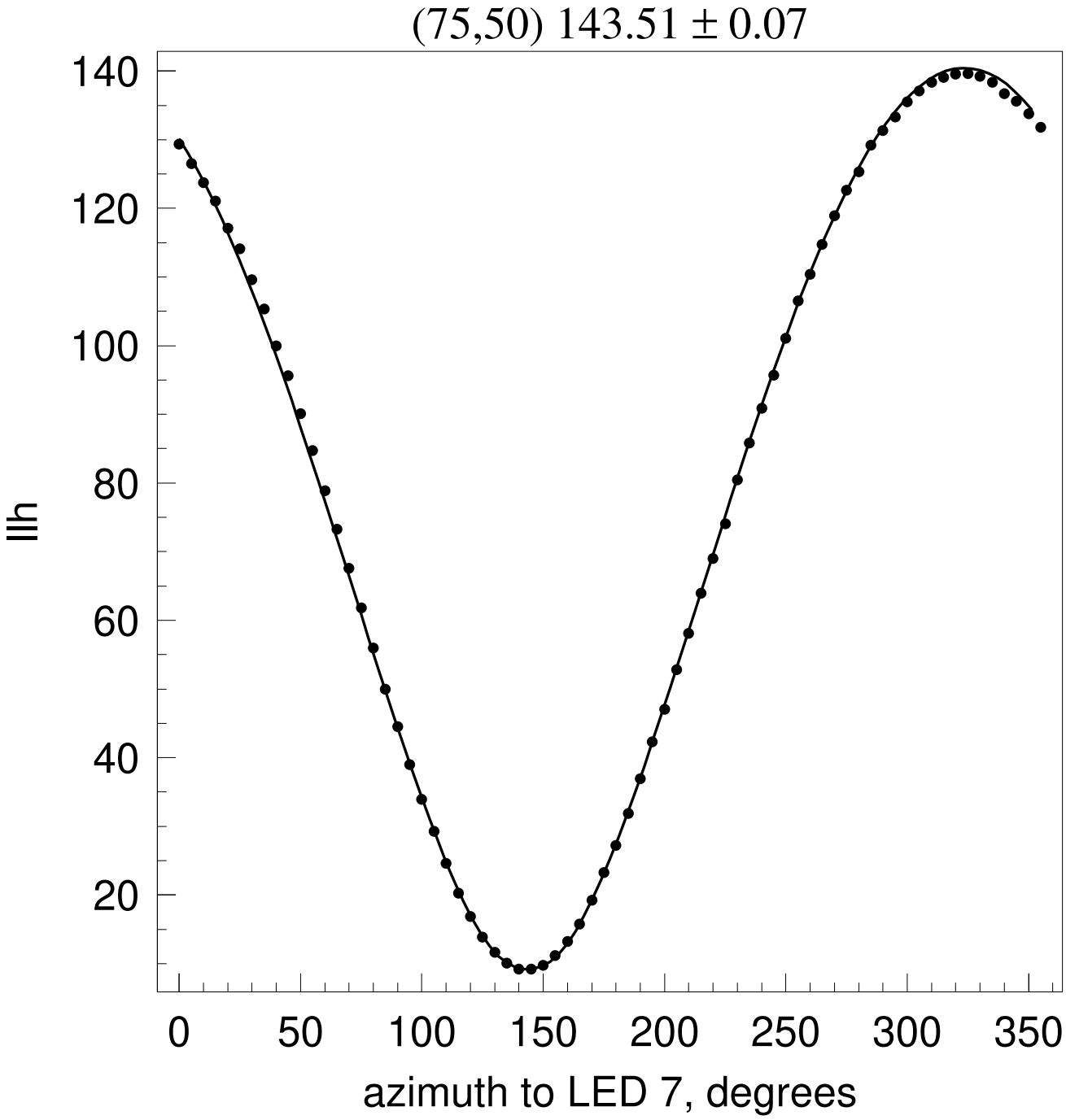

(75,45) 265.74 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

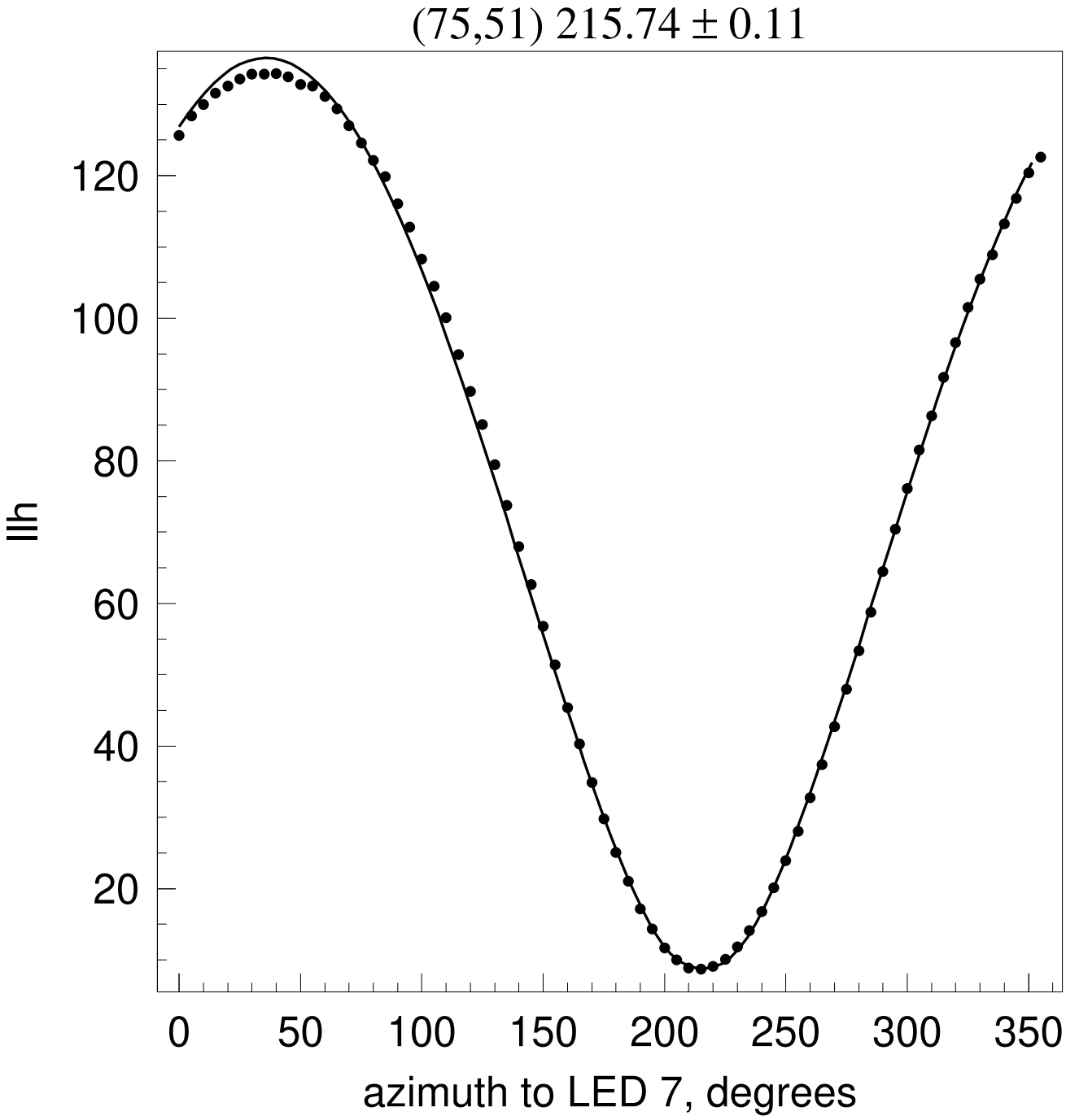

(75,46) 226.85 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

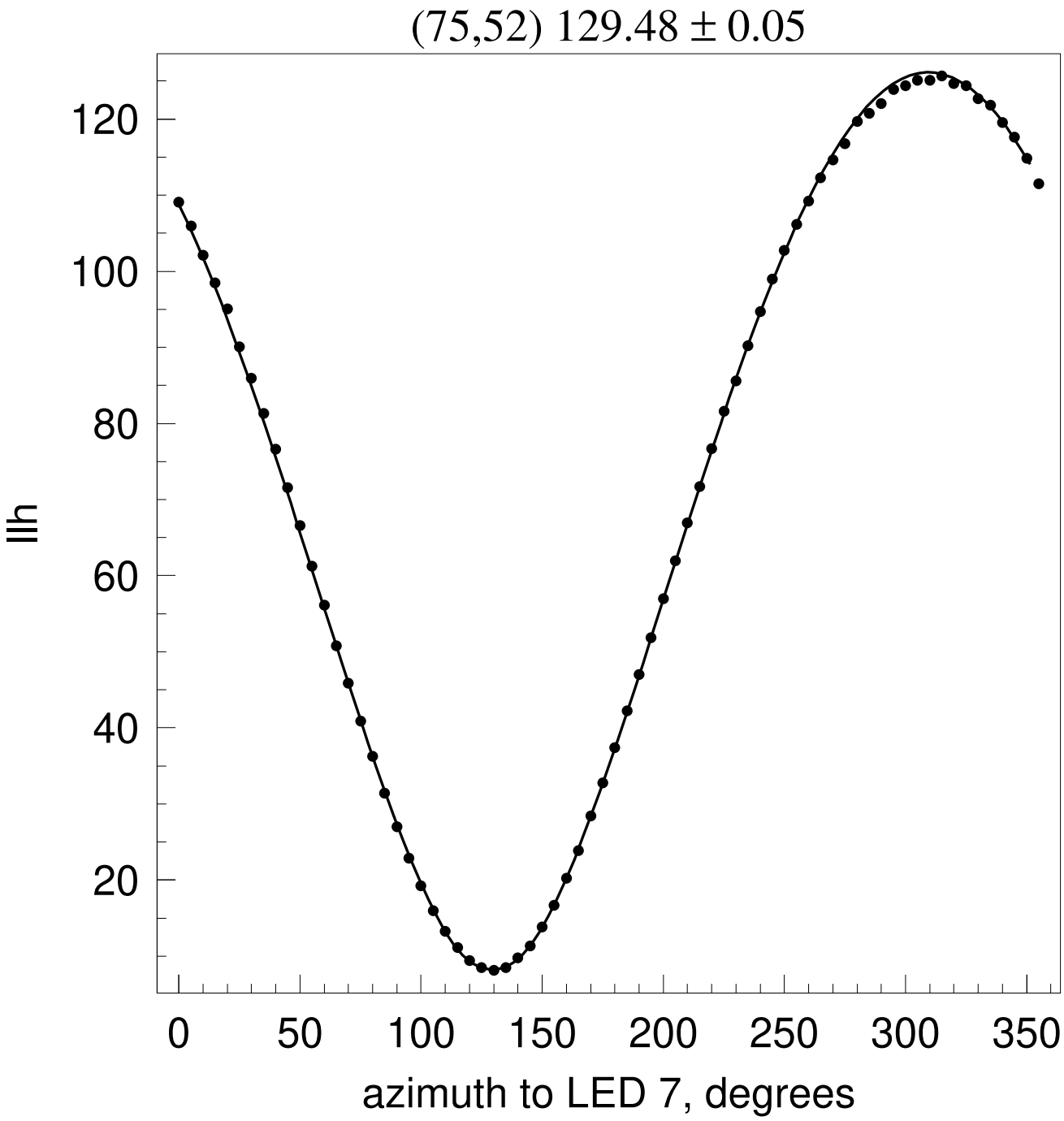

(75,47) 73.11 ± 0.07
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

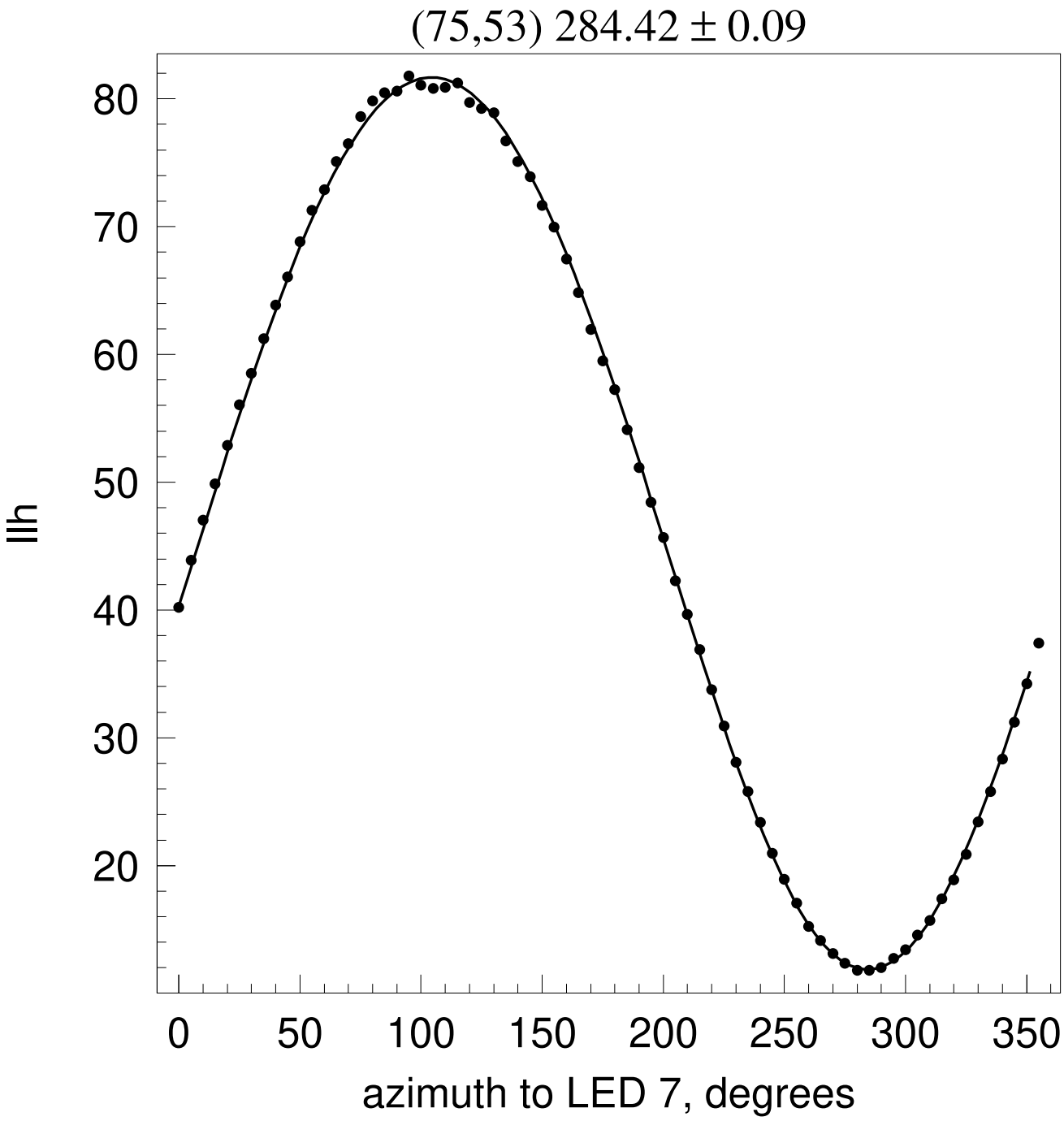

(75,48) 84.58 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

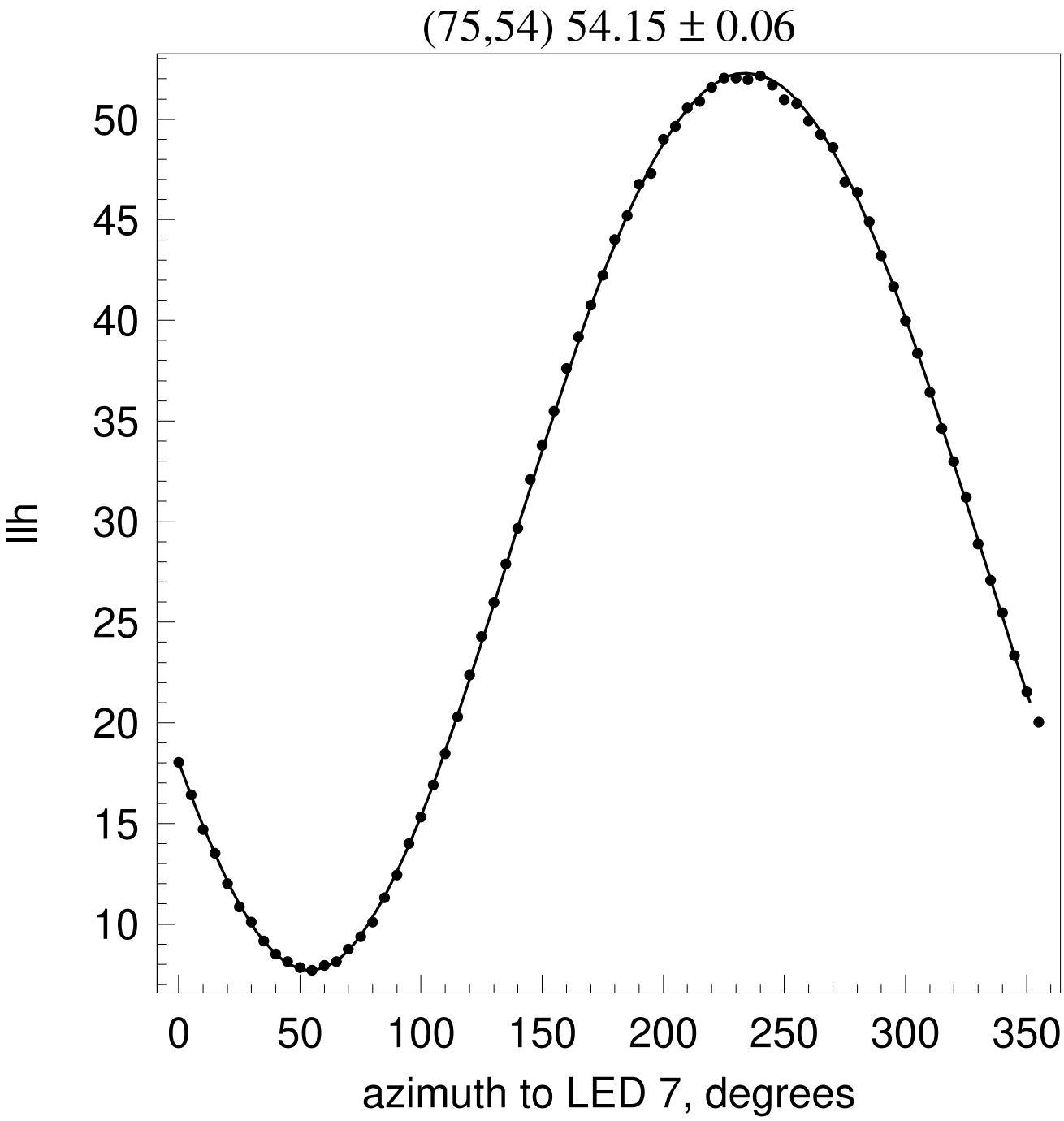

(75,49) 337.72 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

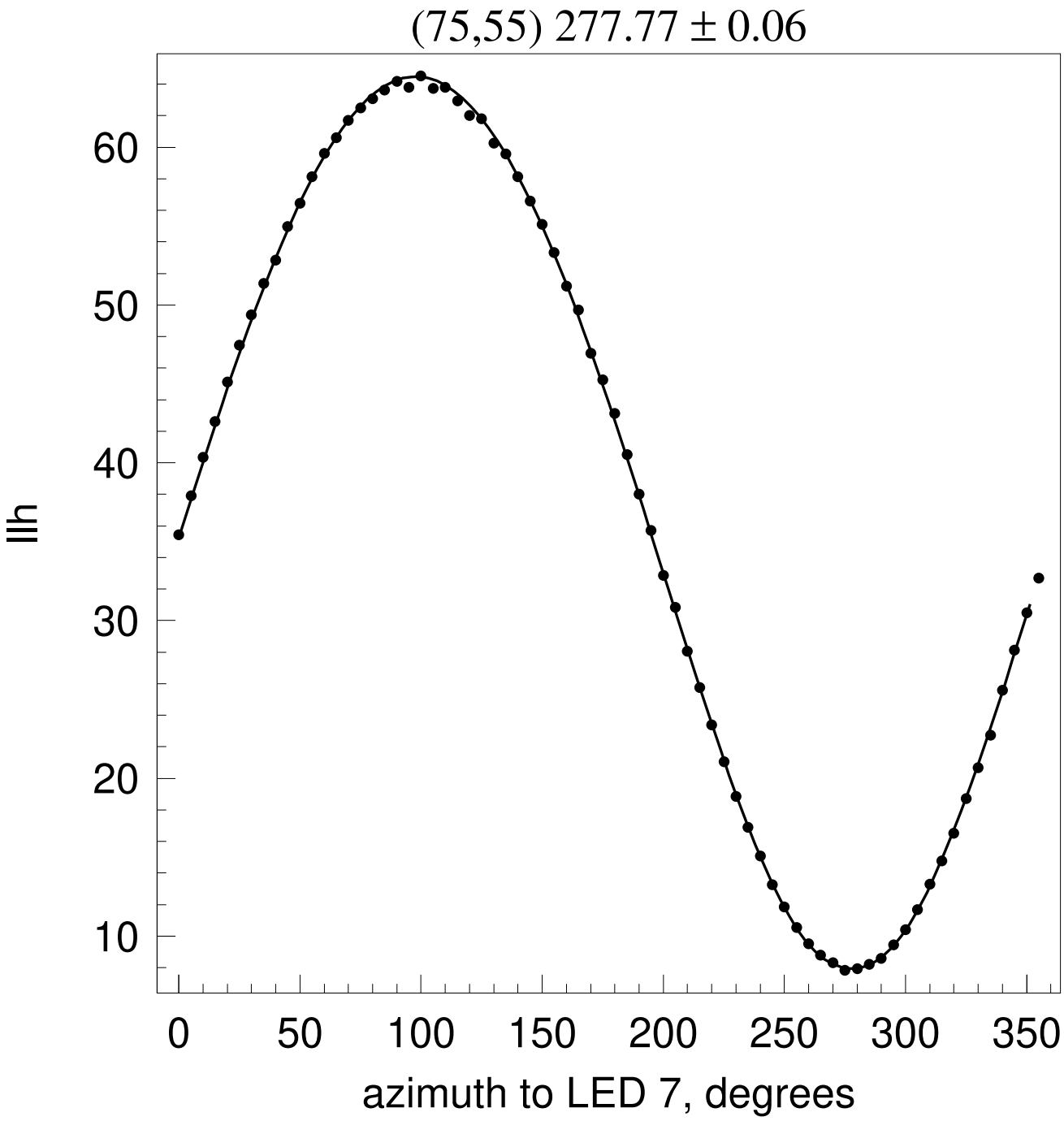

(75,50) 143.51 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

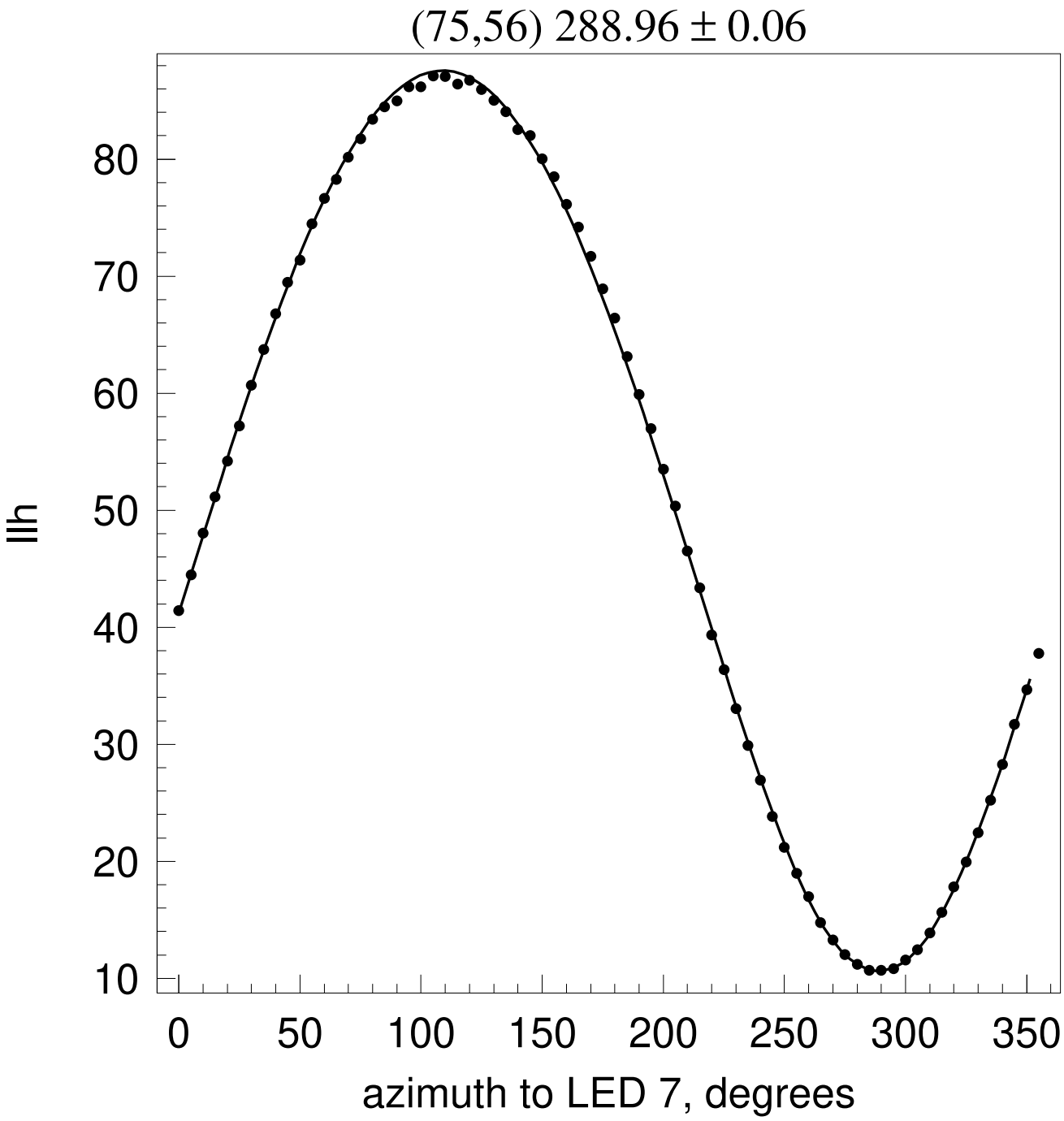

(75,51) 215.74 ± 0.11
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

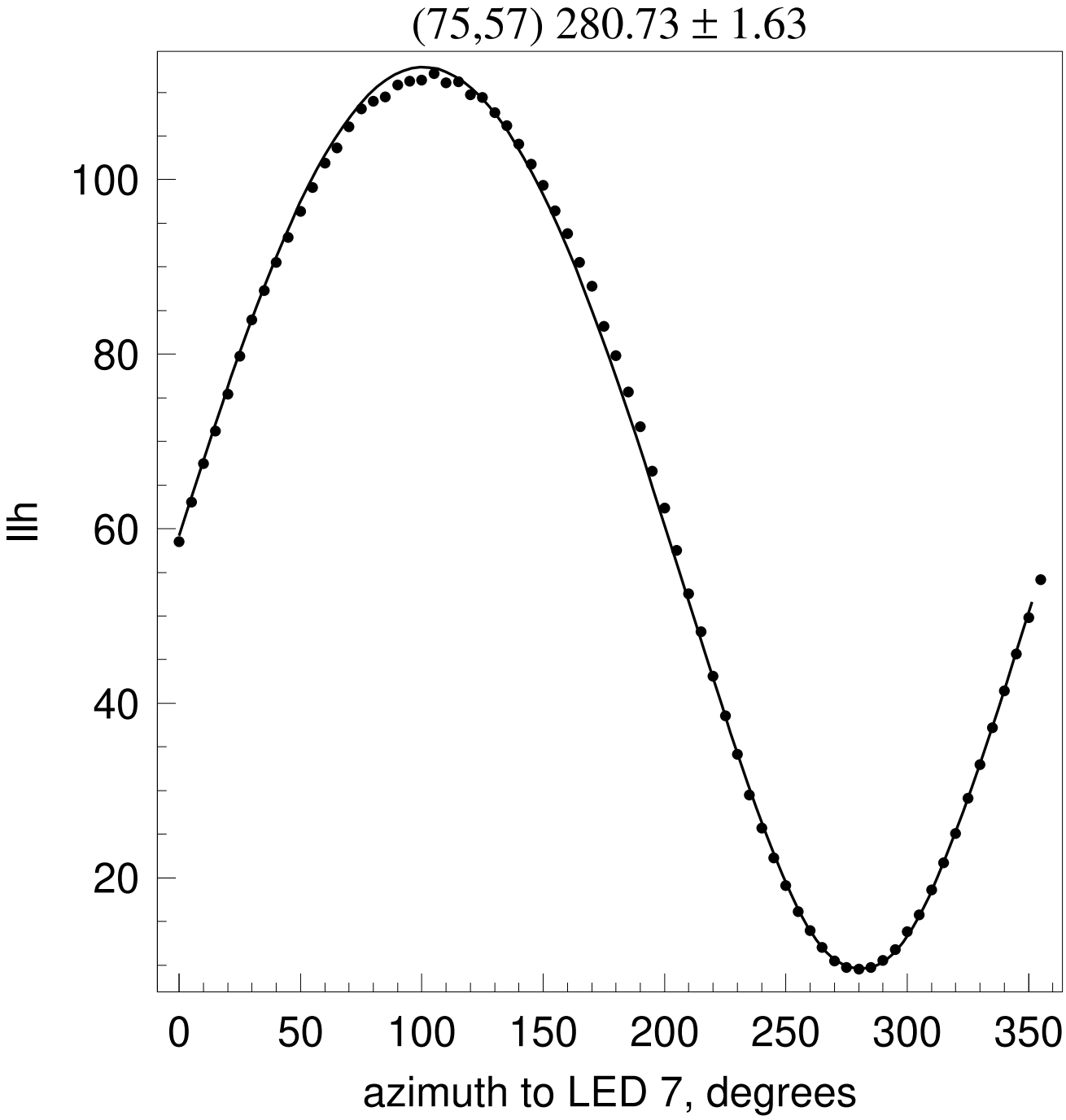

(75,52) 129.48 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

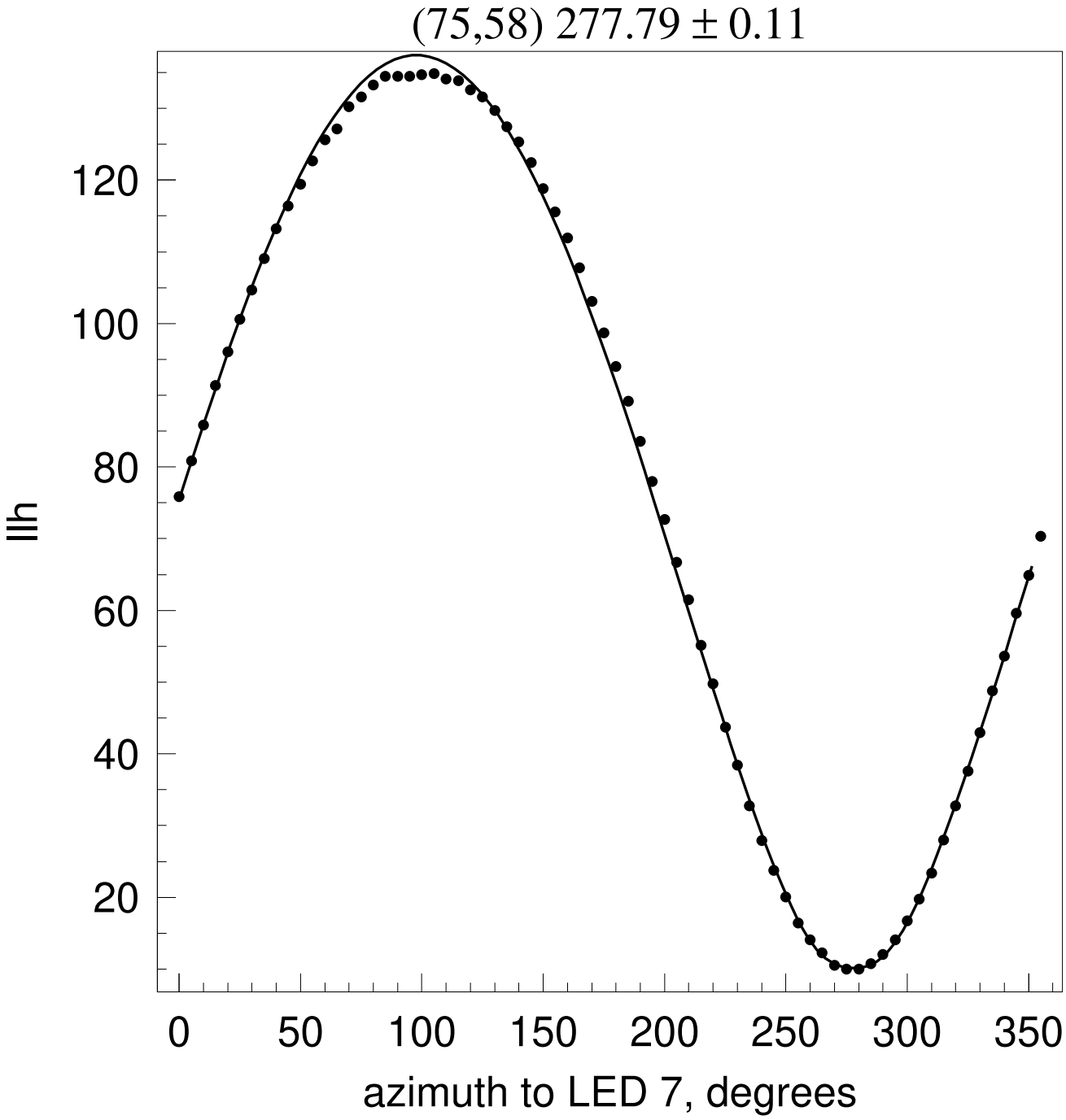

(75,53) 284.42 ± 0.09
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

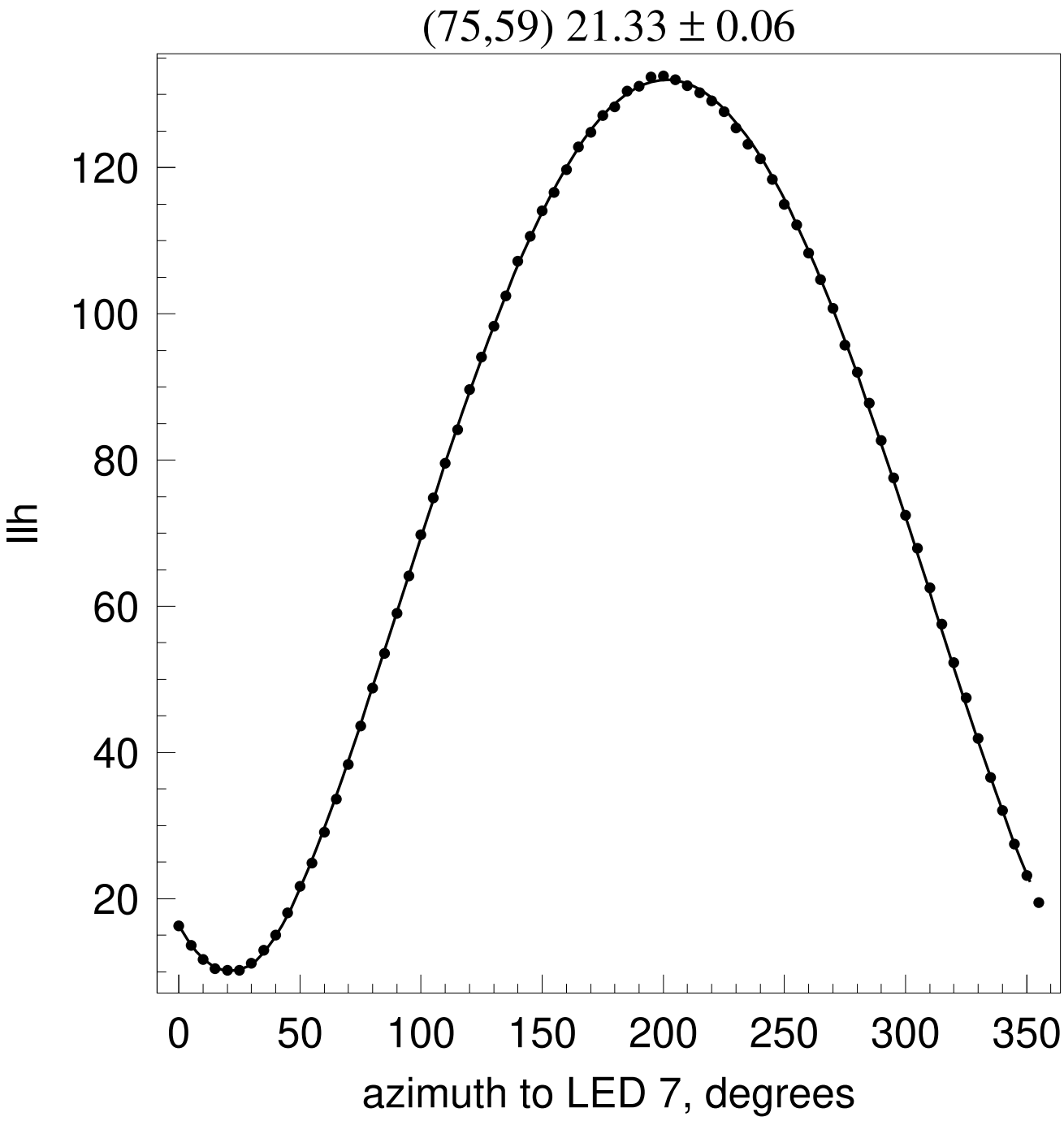

(75,54) 54.15 ± 0.06
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

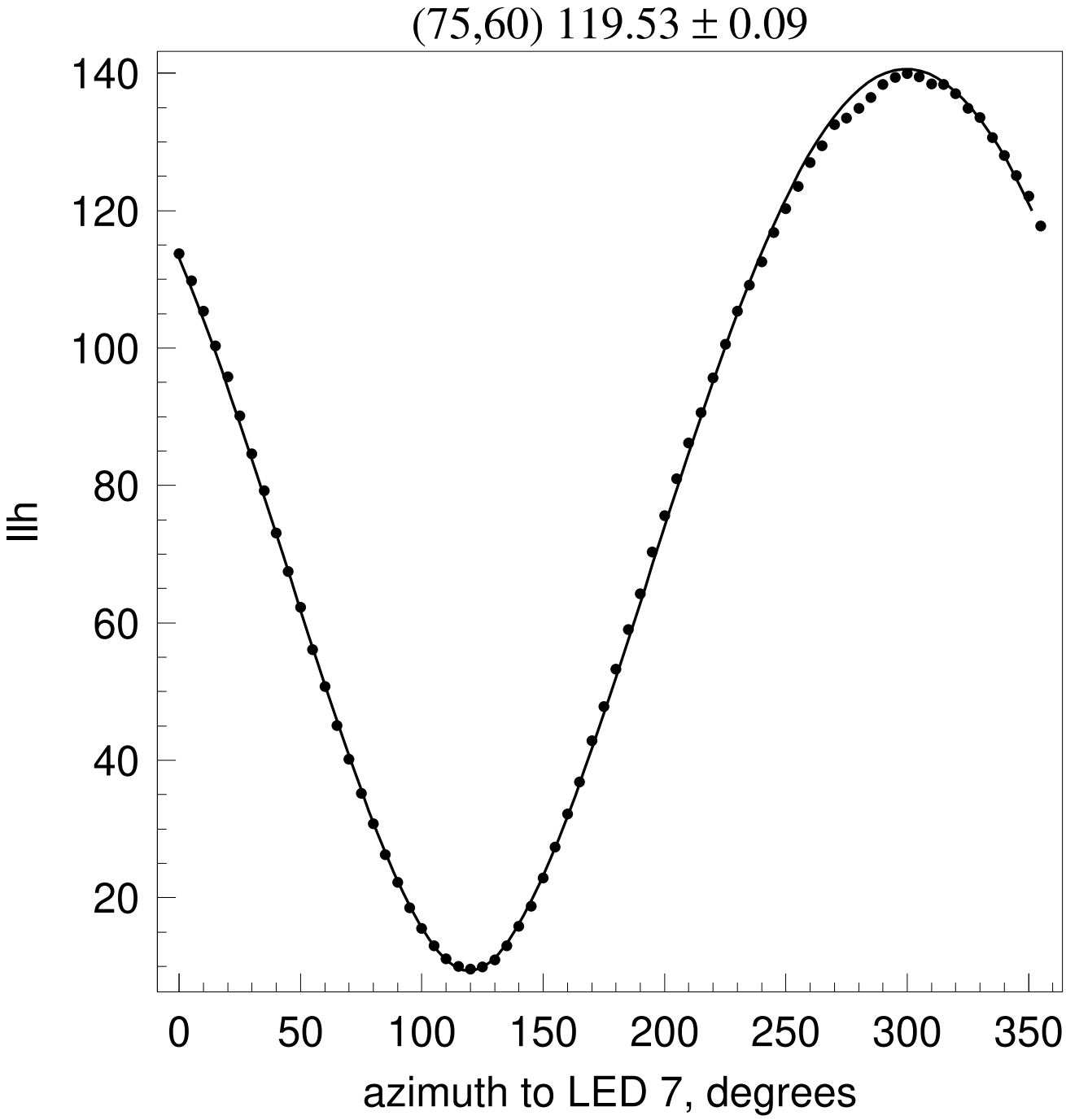

(75,55) 277.77 ± 0.06
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

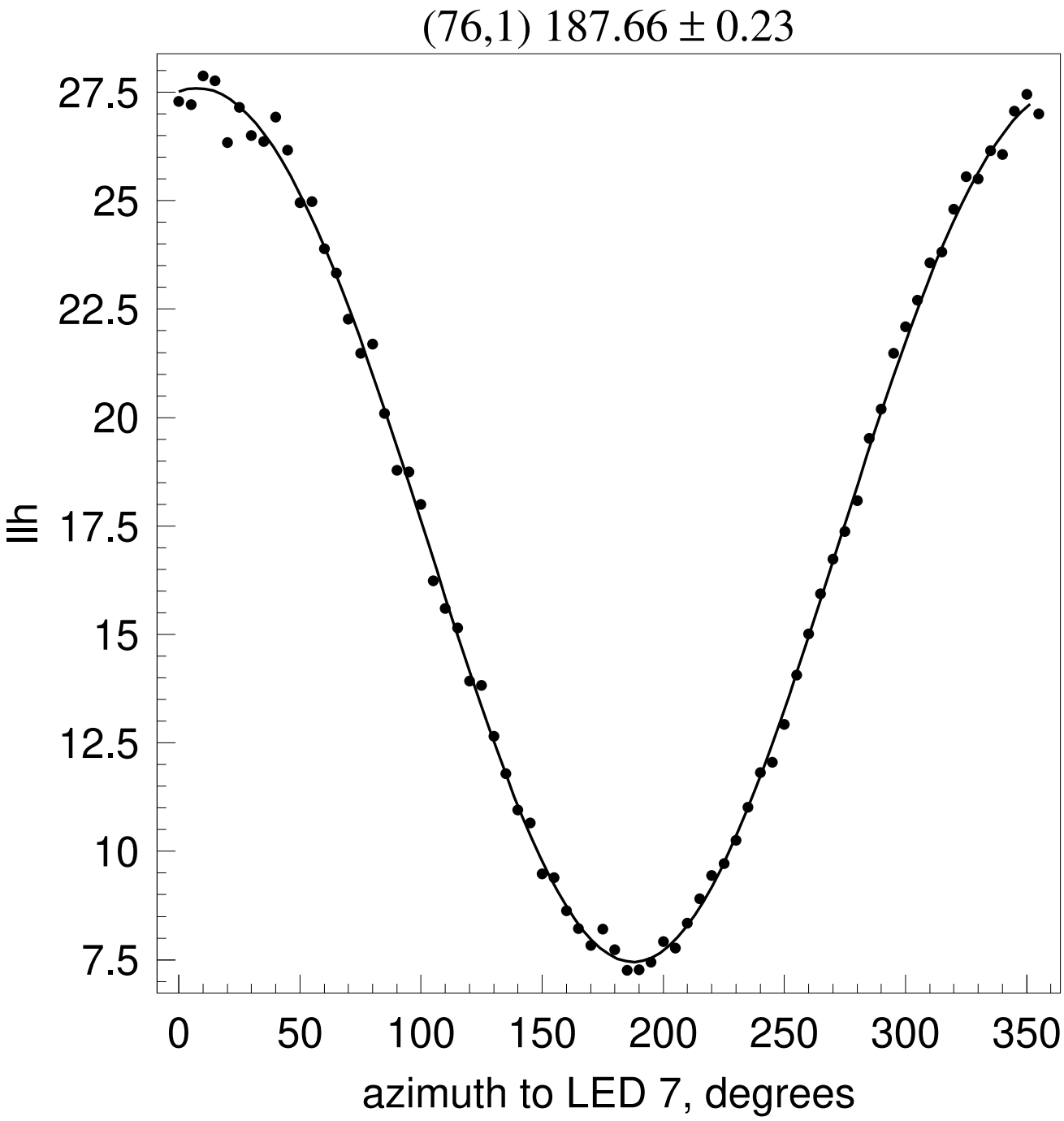

(75,56) 288.96 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

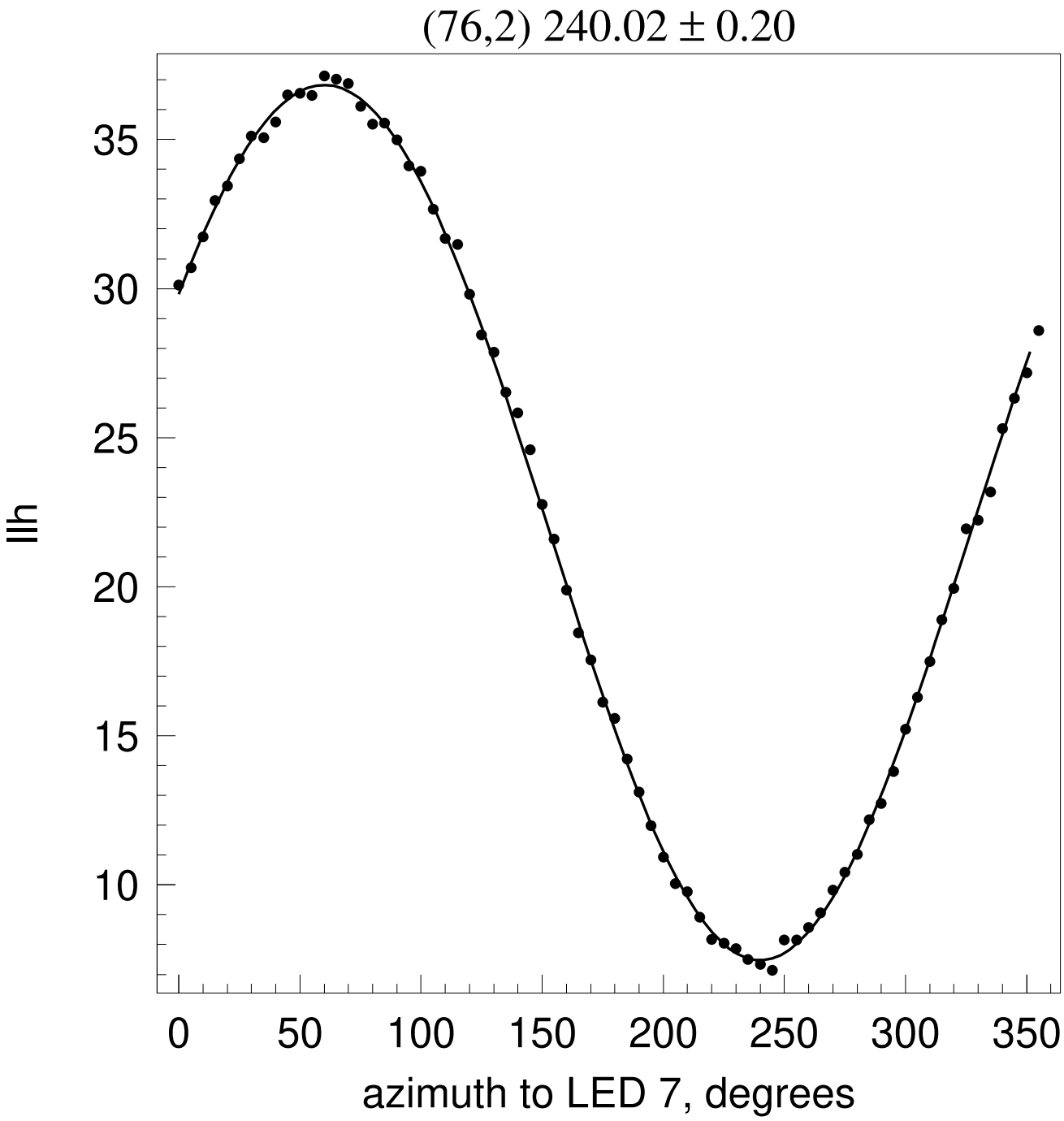

(75,57) 280.73 ± 1.63
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

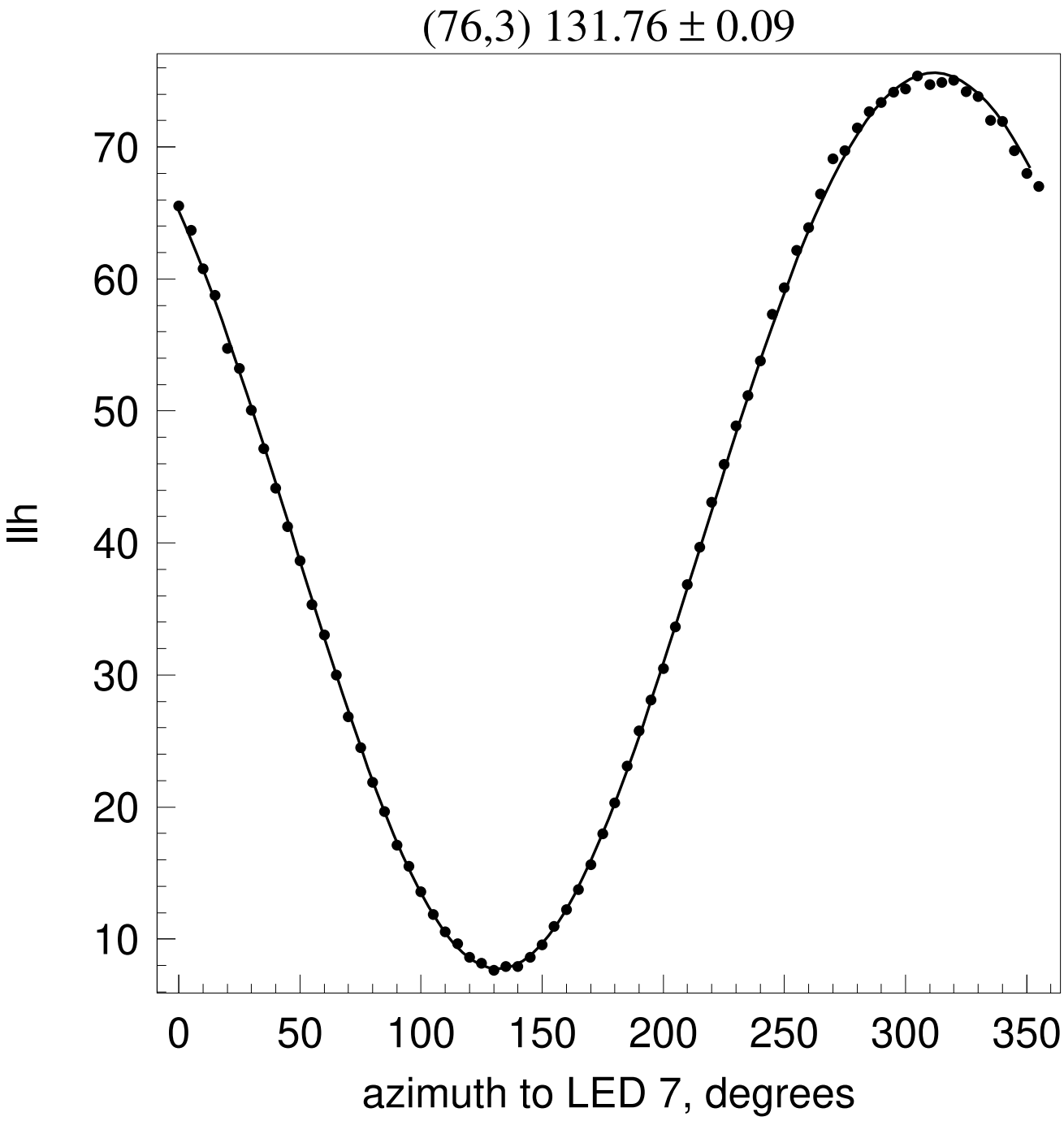

(75,58) 277.79 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

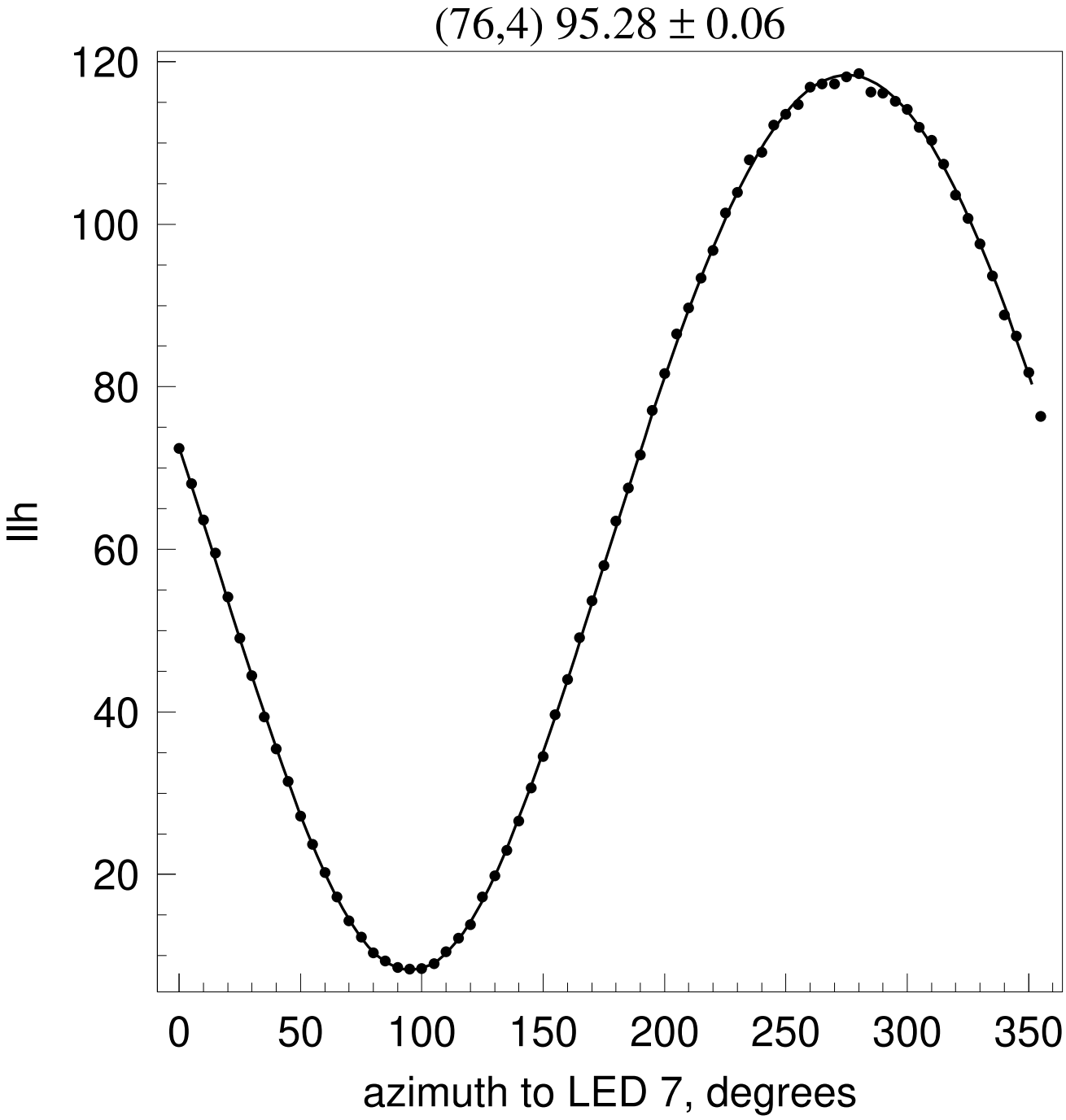

(75,59) 21.33 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

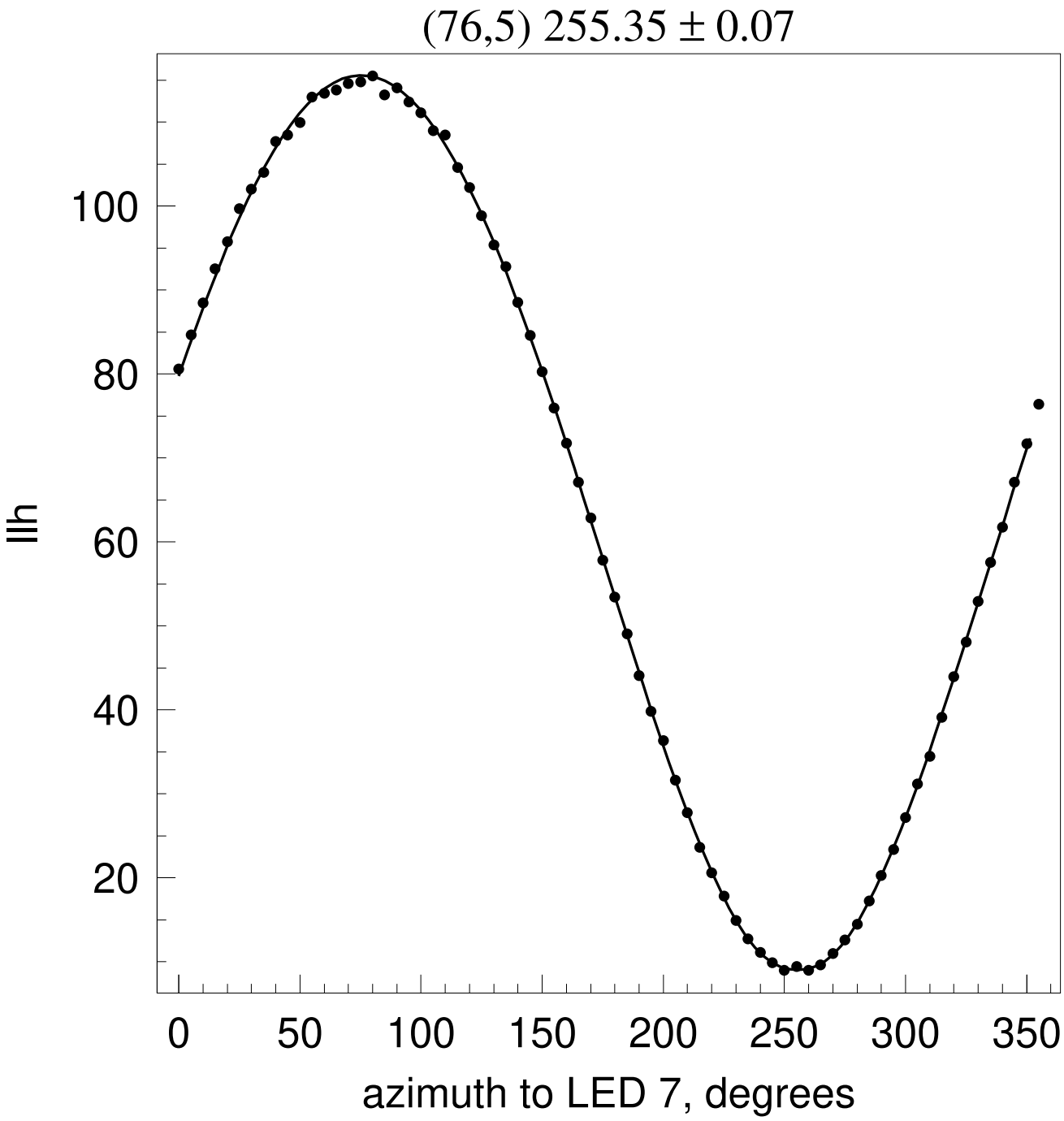

(75,60) 119.53 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

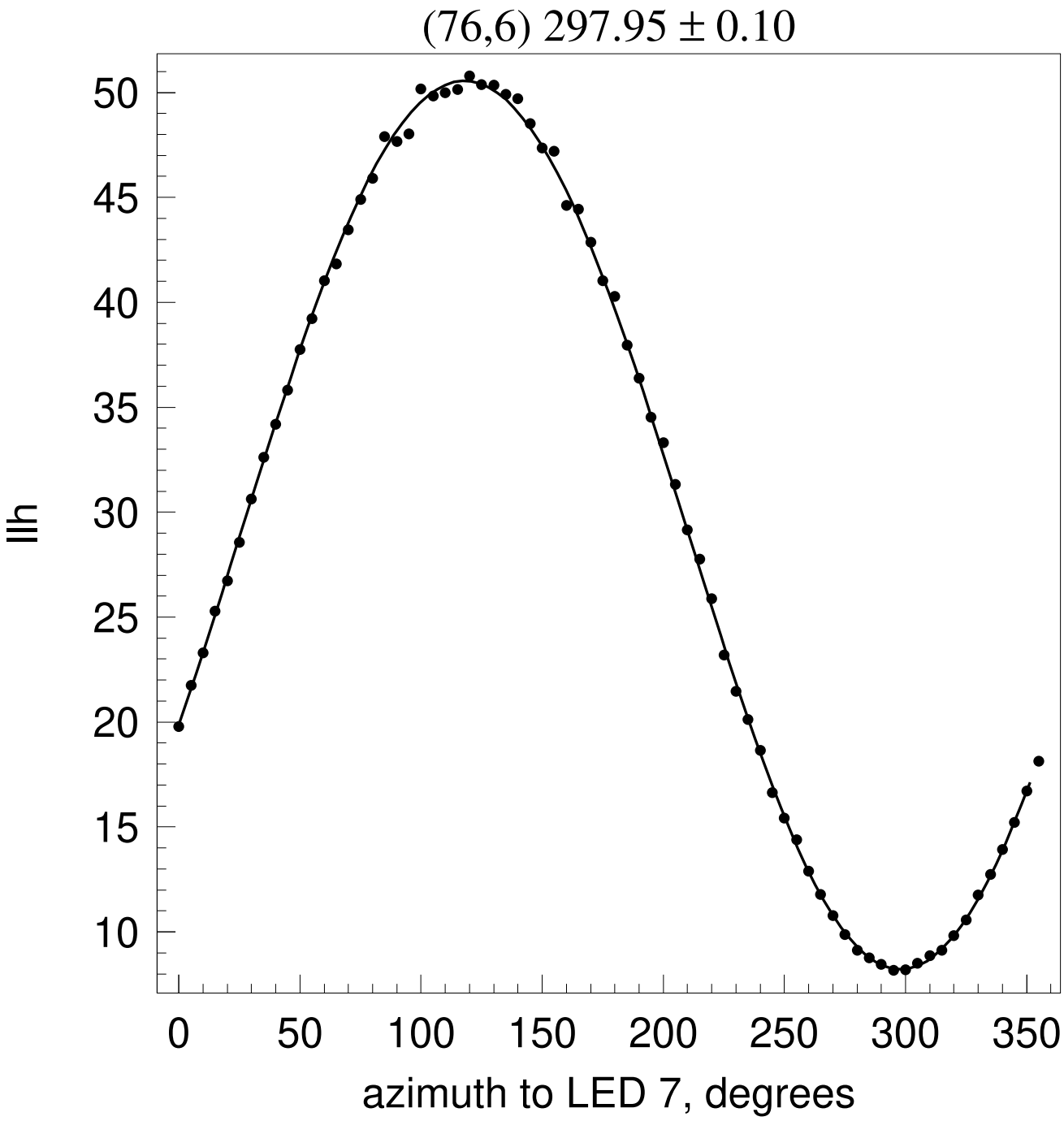

(76,1) 187.66 ± 0.23
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

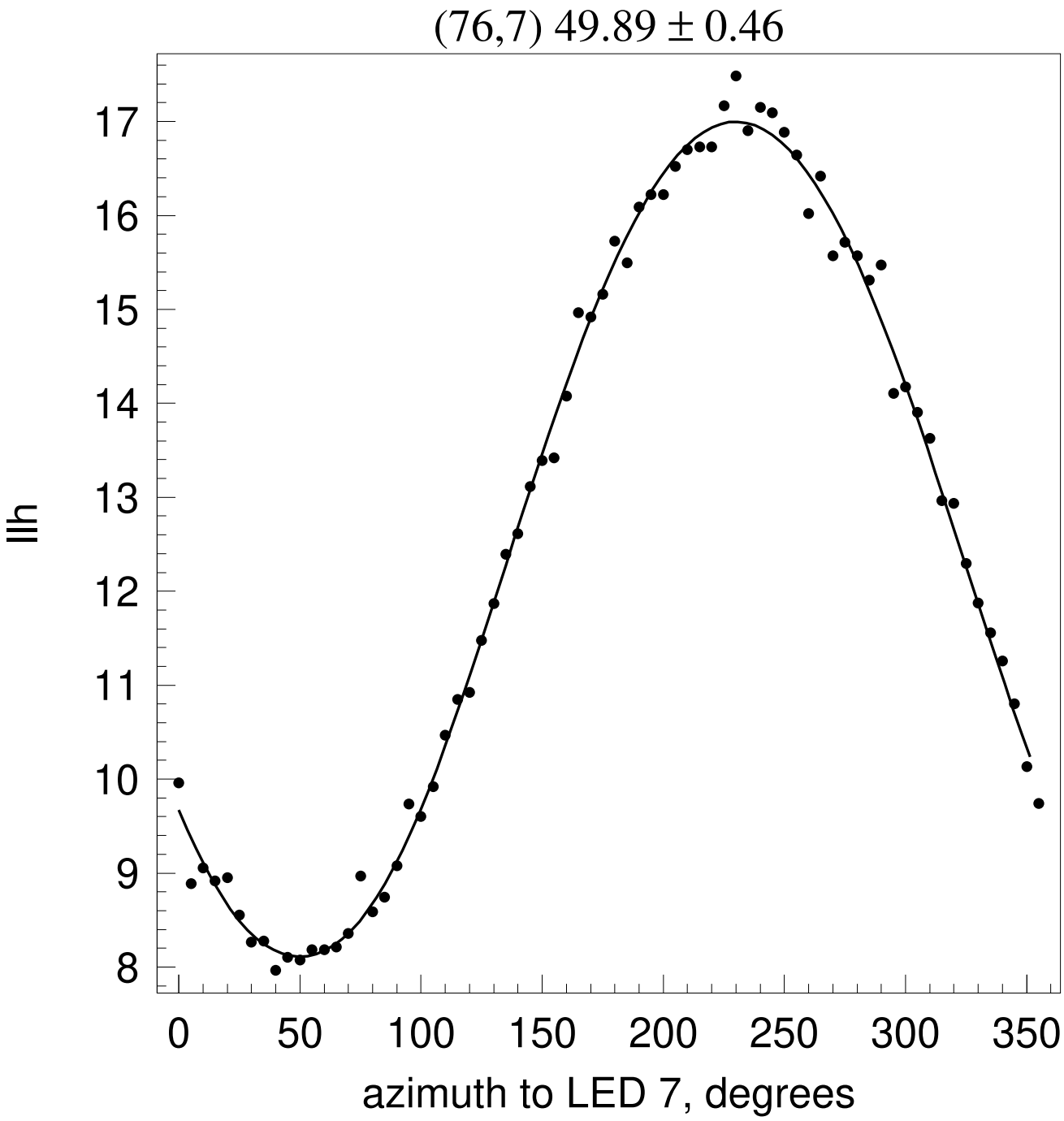

(76,2) 240.02 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

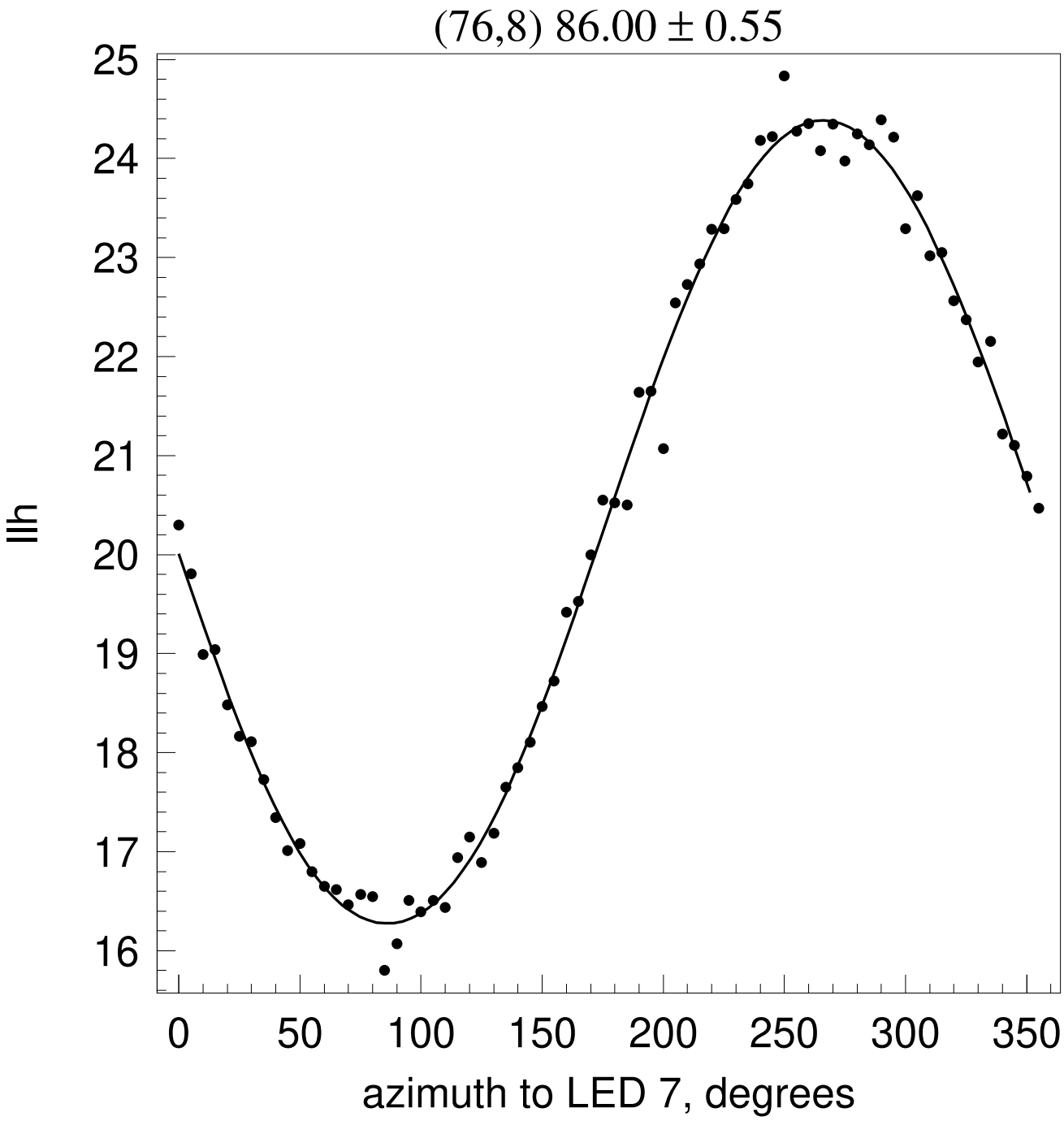

(76,3) 131.76 ± 0.09
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

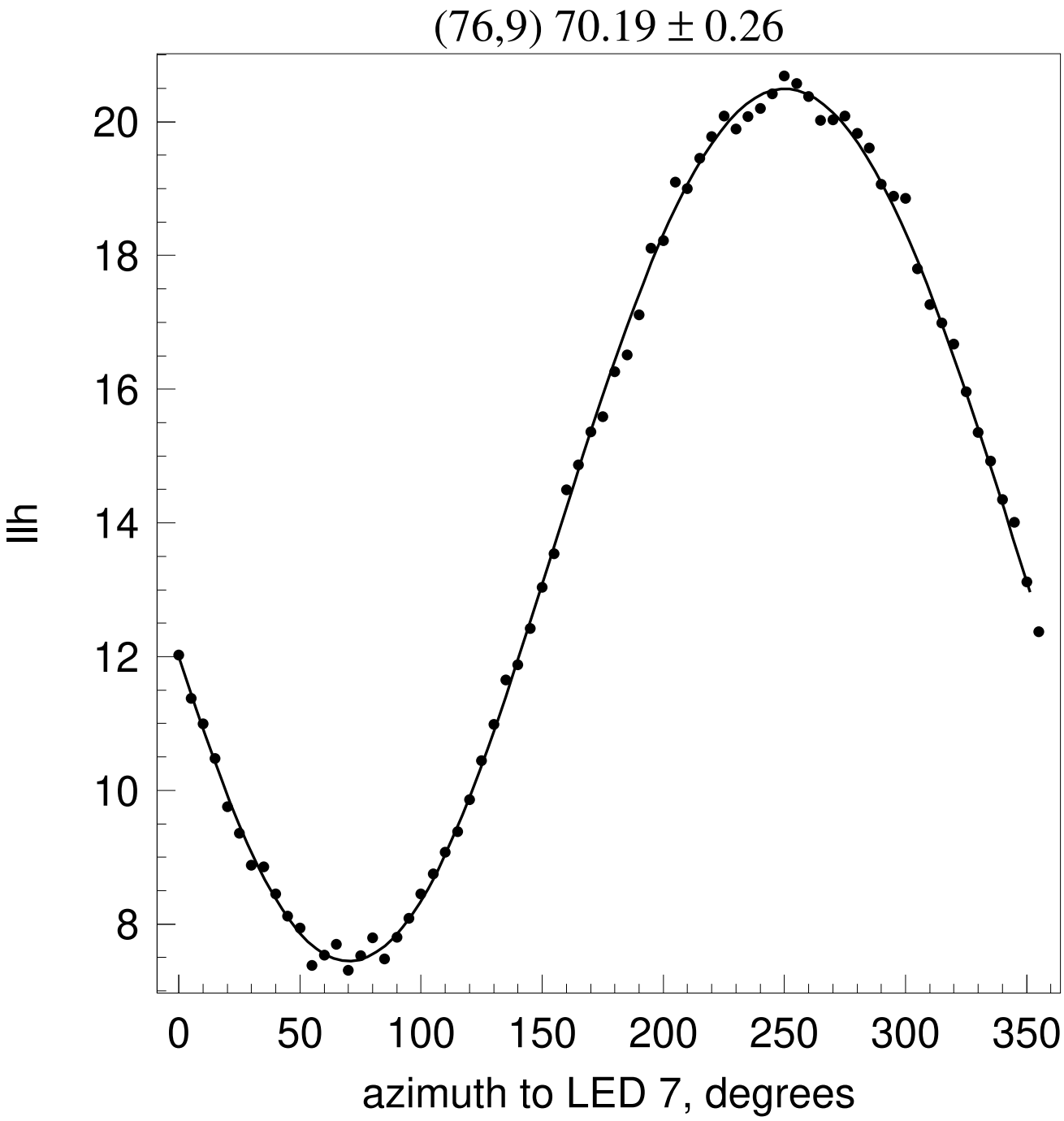

(76,4) 95.28 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

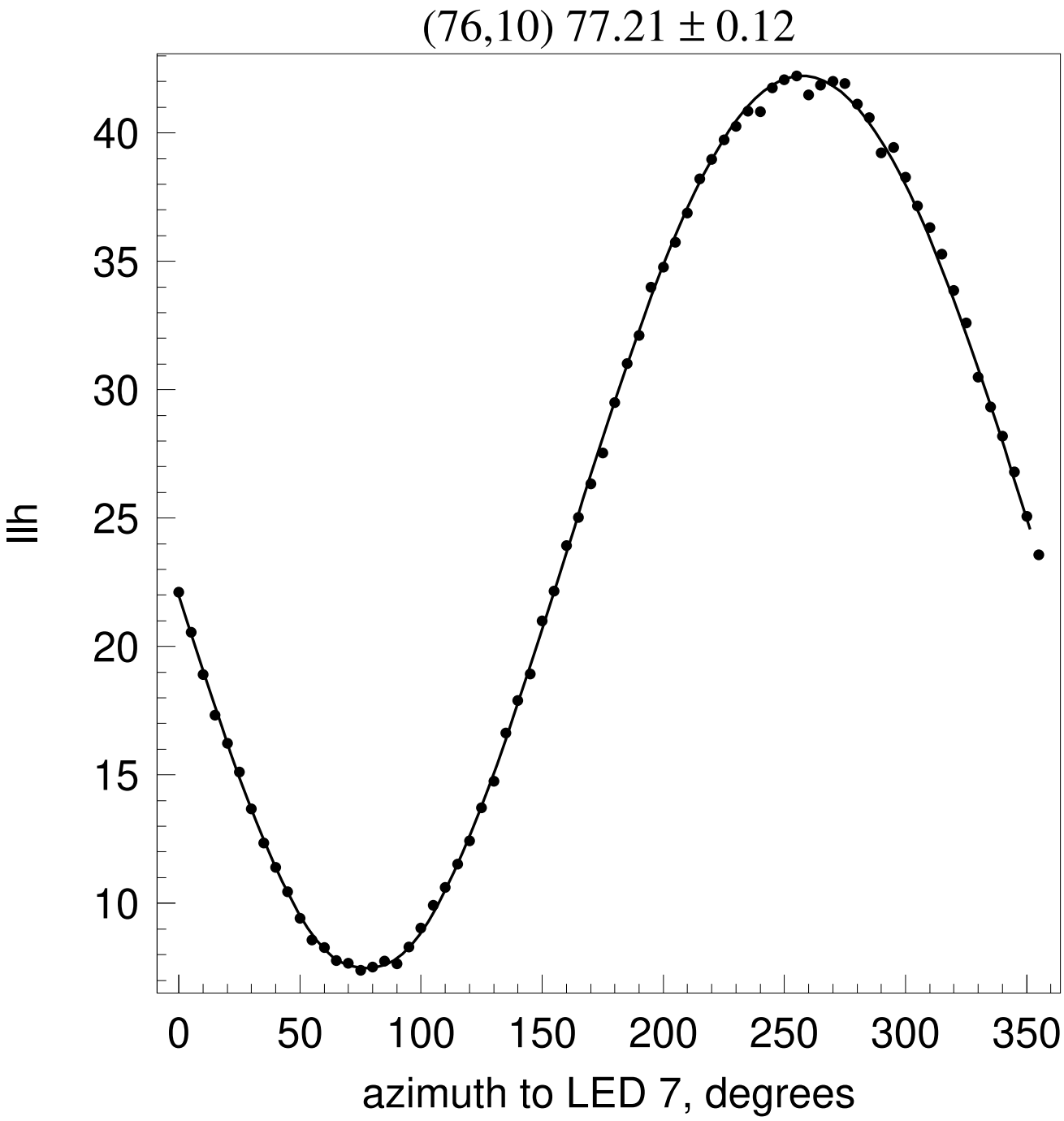

(76,5) 255.35 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

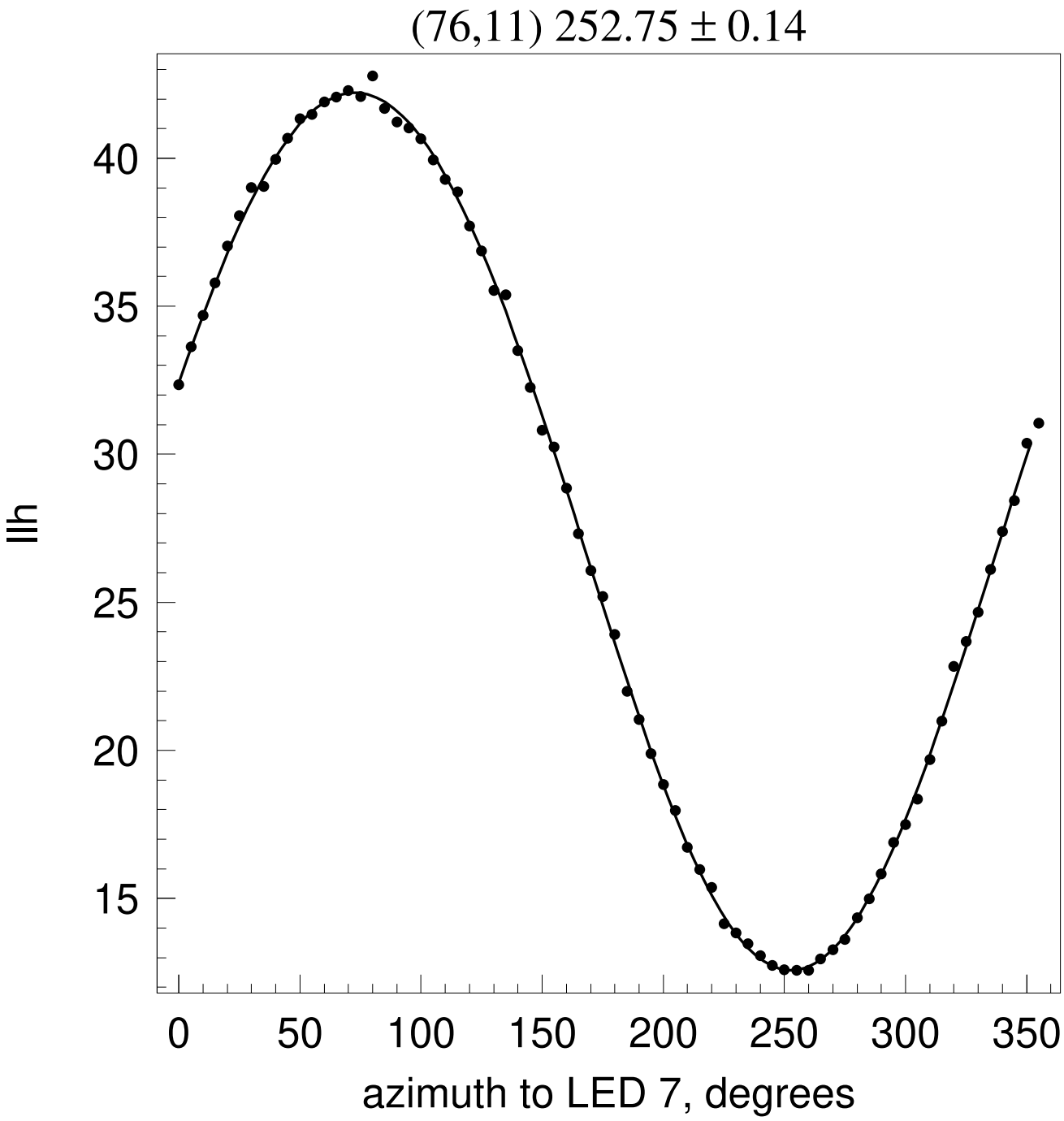

(76,6) 297.95 ± 0.10
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

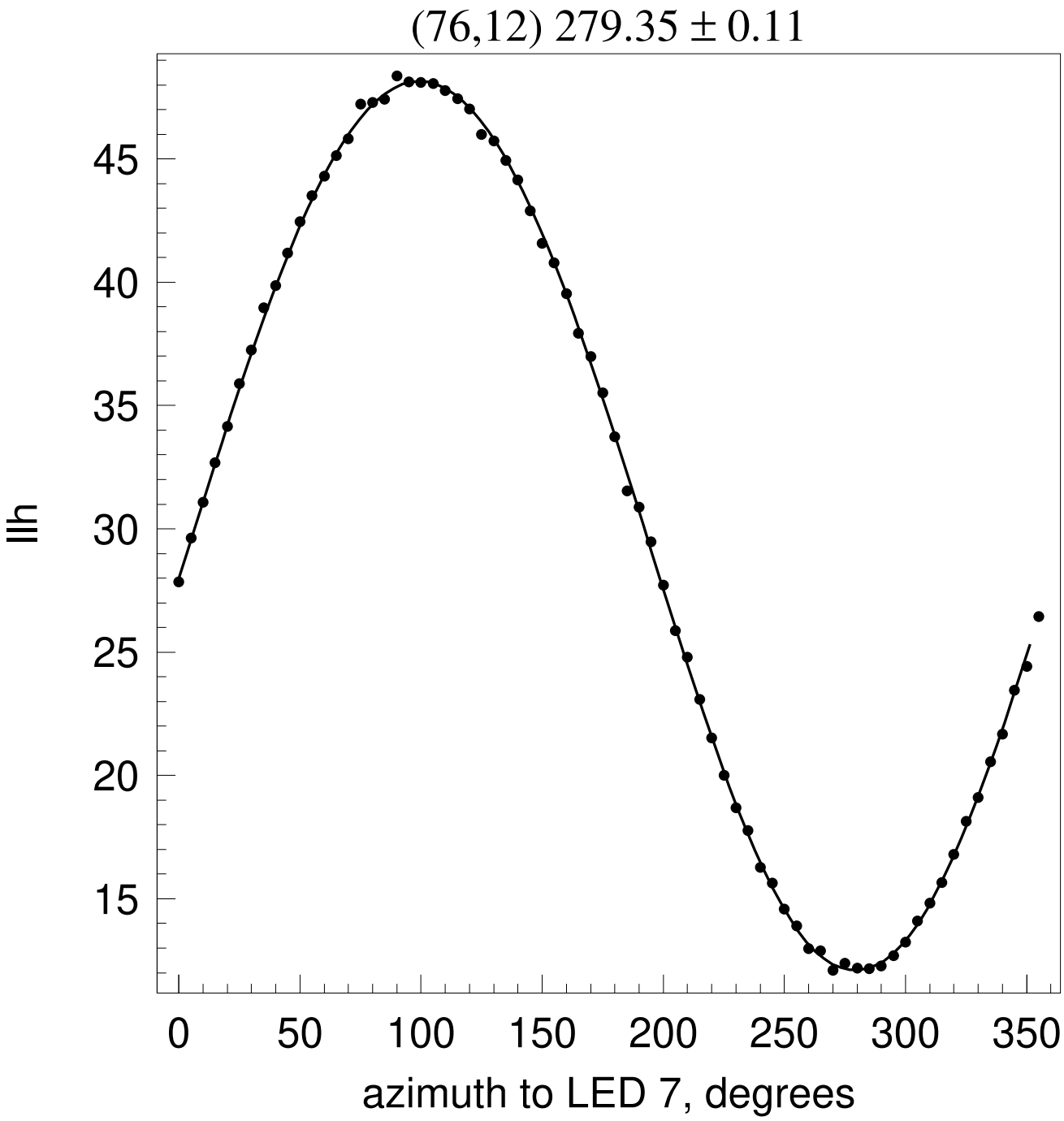

(76,7) 49.89 ± 0.46
17
16
15
14
13
12
11
10
9
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

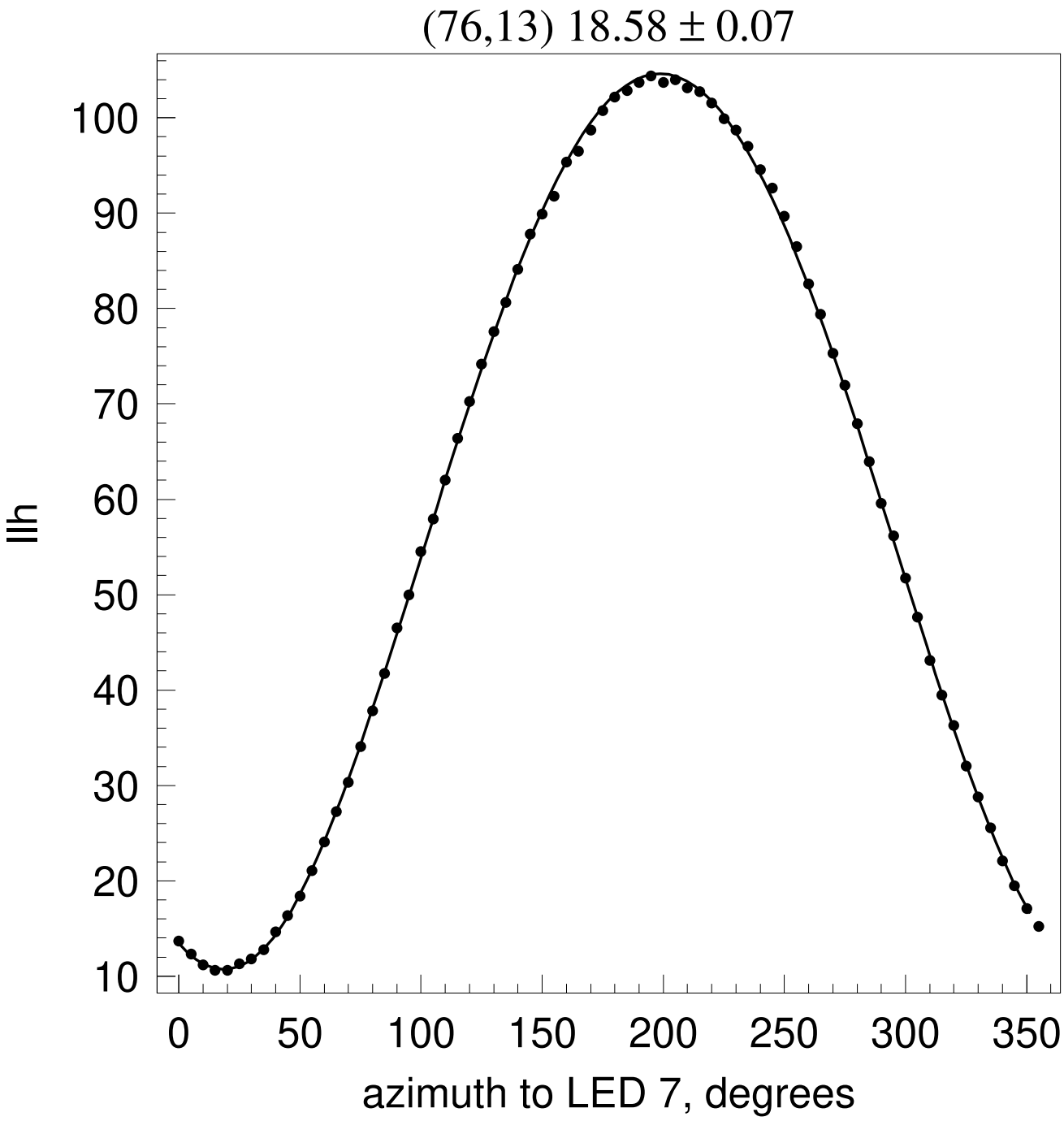

(76,8) 86.00 ± 0.55
25
24
23
22
21
20
19
18
17
16
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

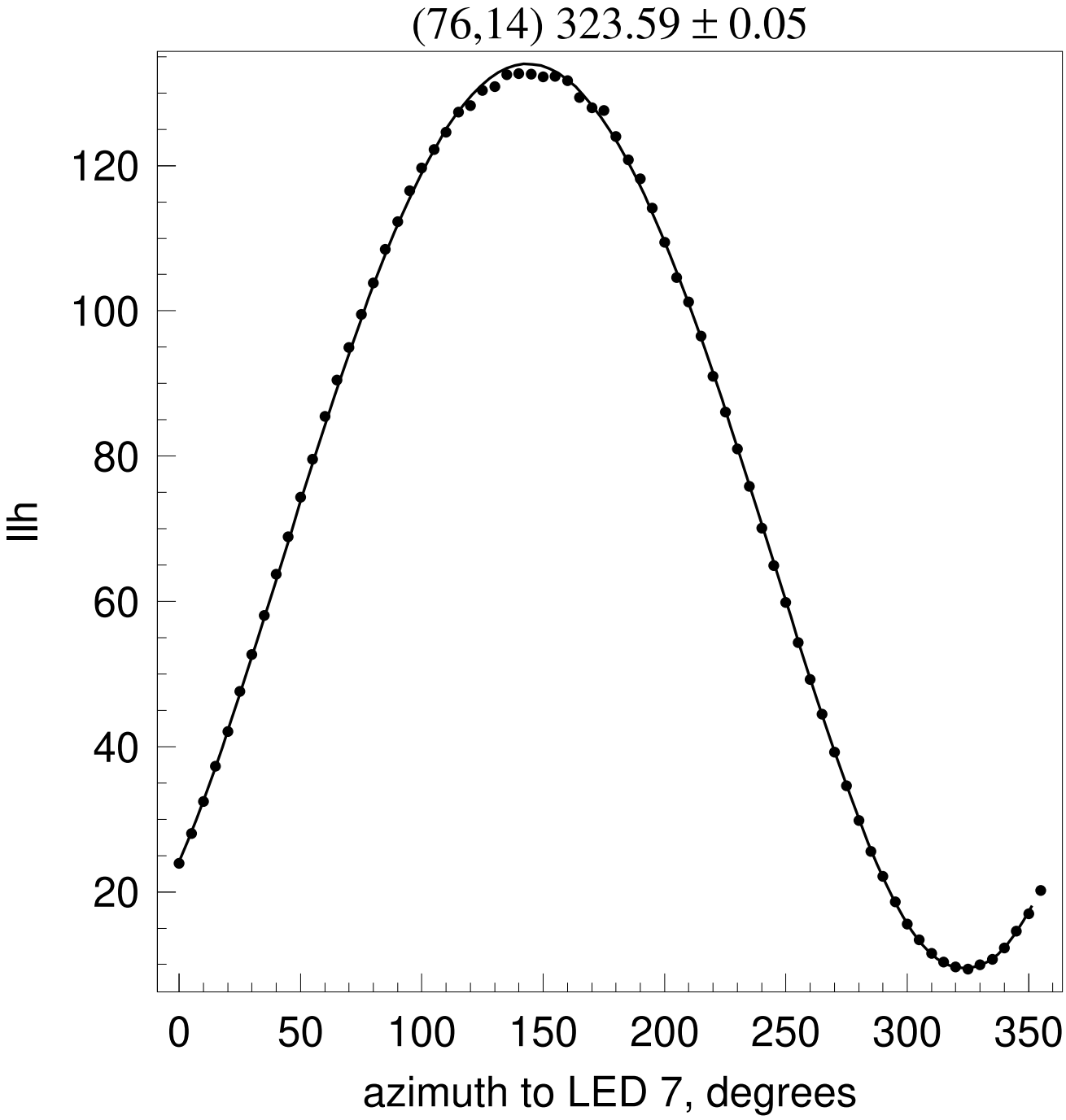

(76,9) 70.19 ± 0.26
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

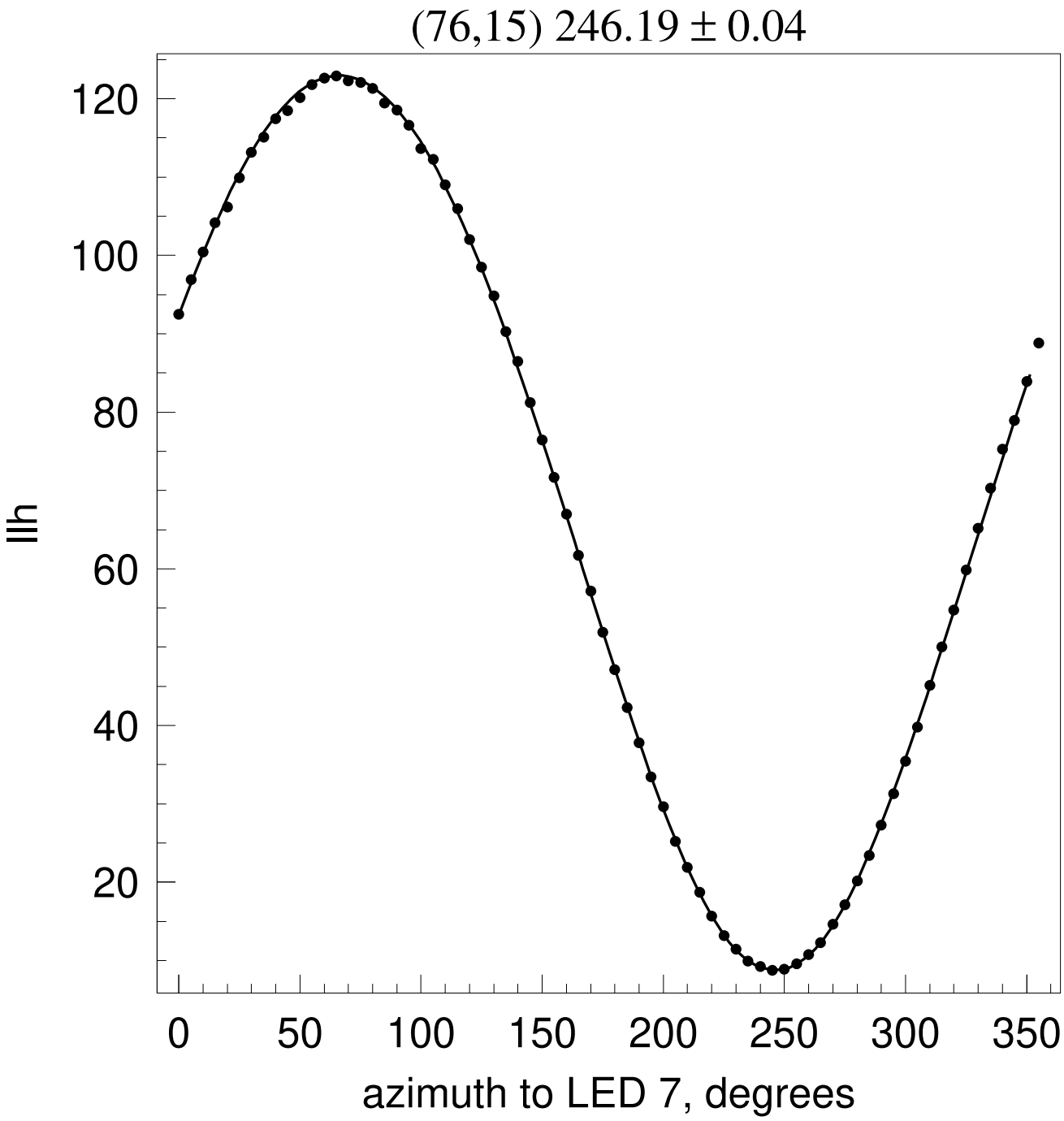

(76,10) 77.21 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

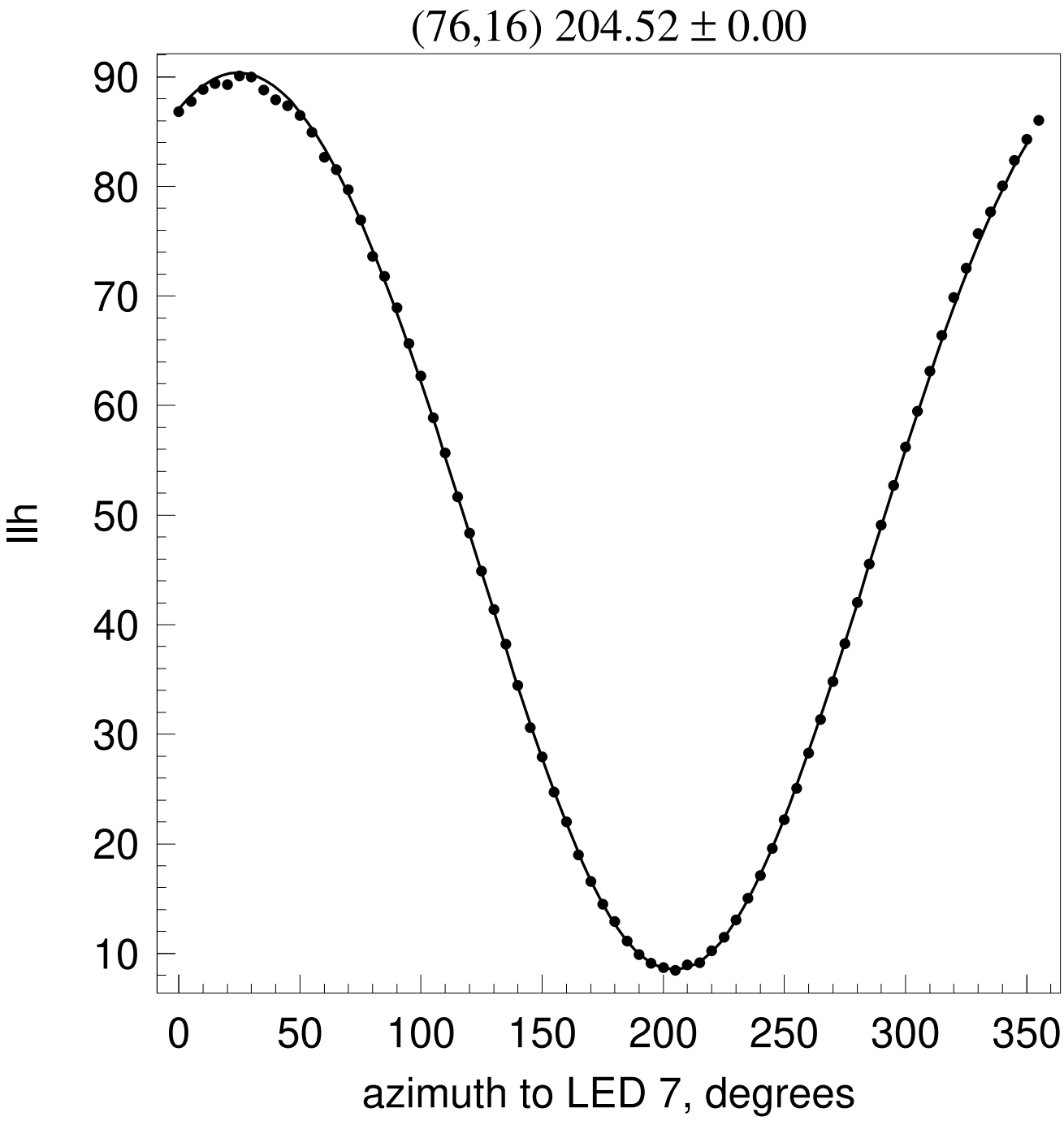

(76,11) 252.75 ± 0.14
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

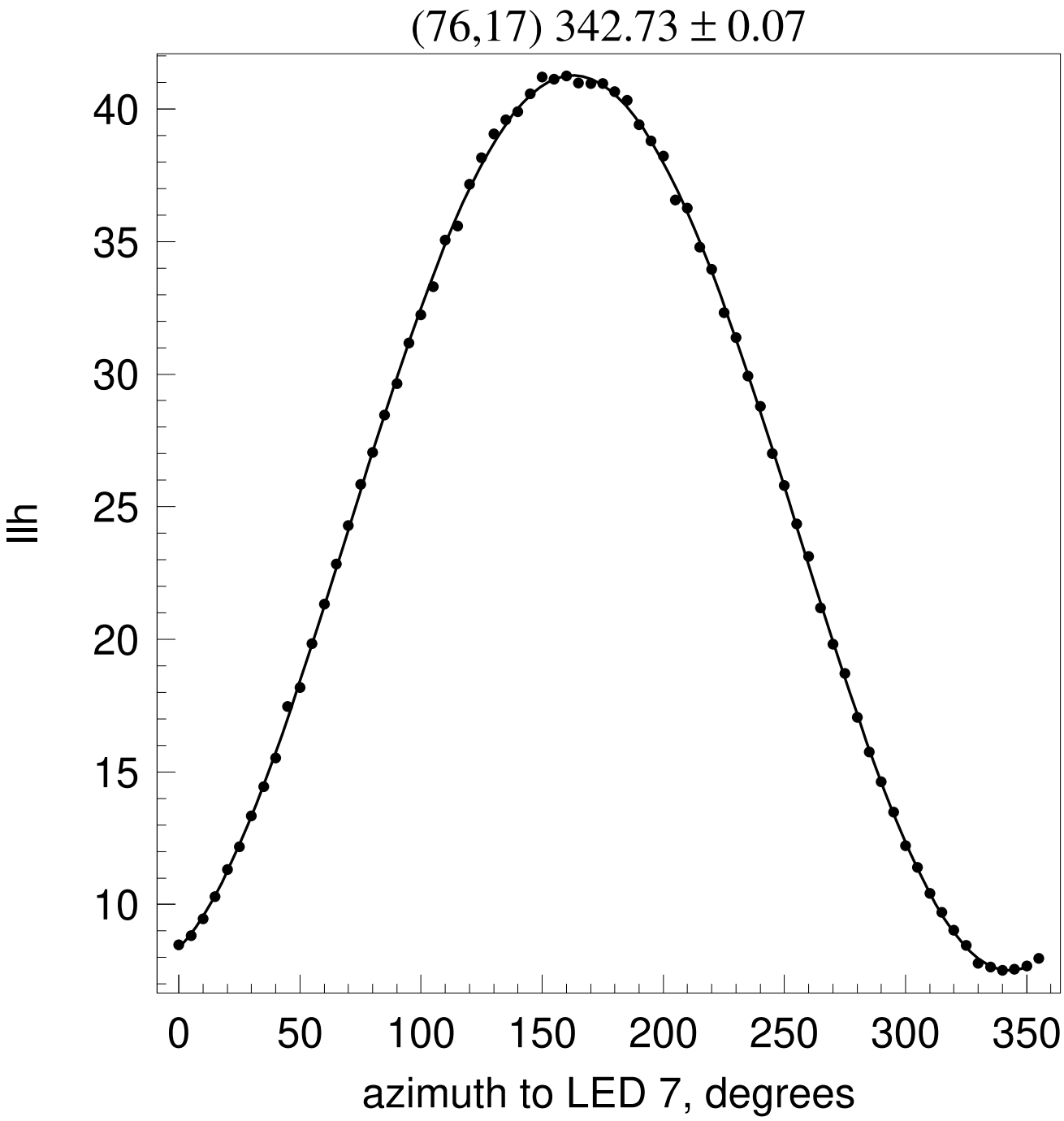

(76,12) 279.35 ± 0.11
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

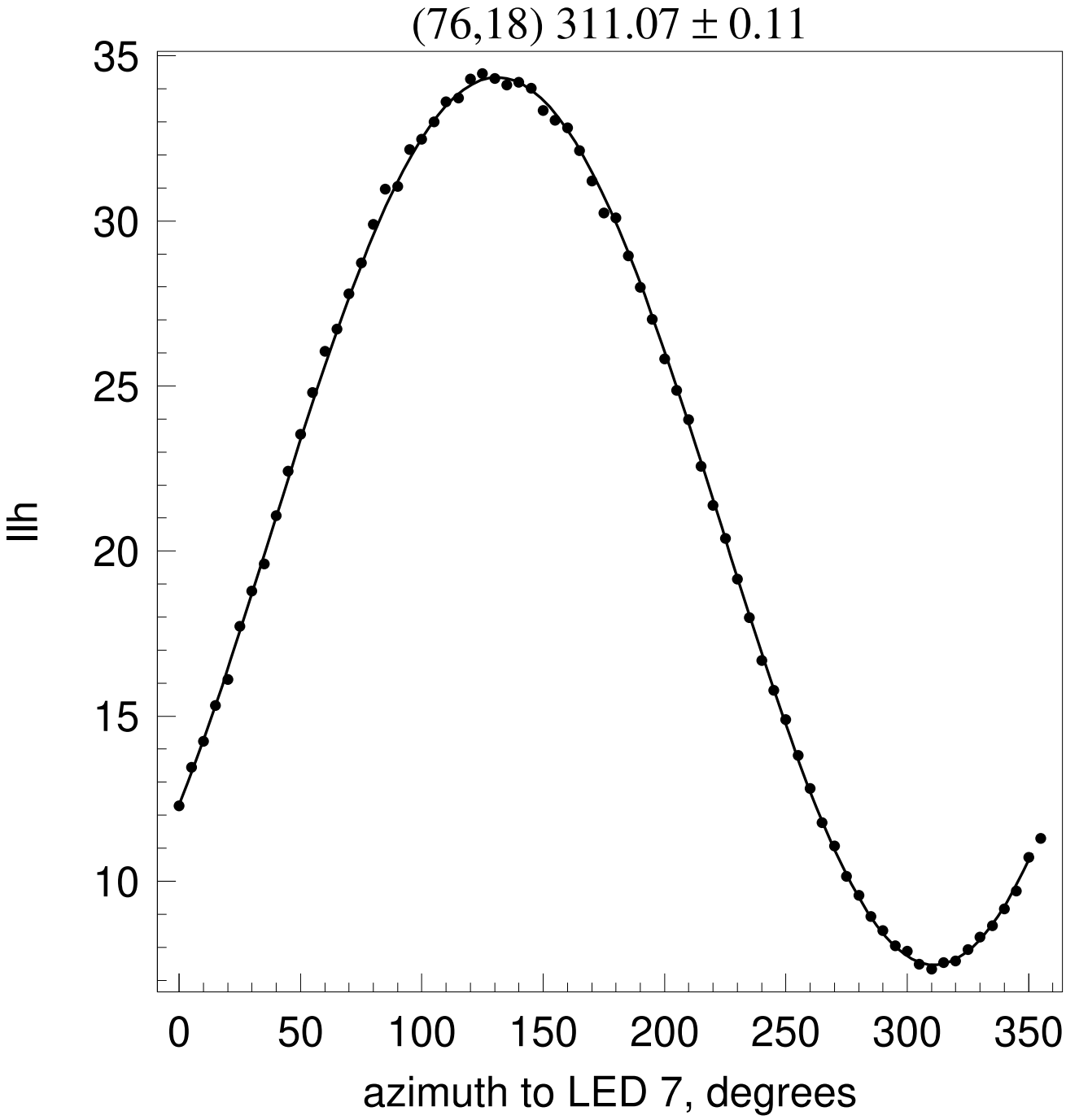

(76,13) 18.58 ± 0.07
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

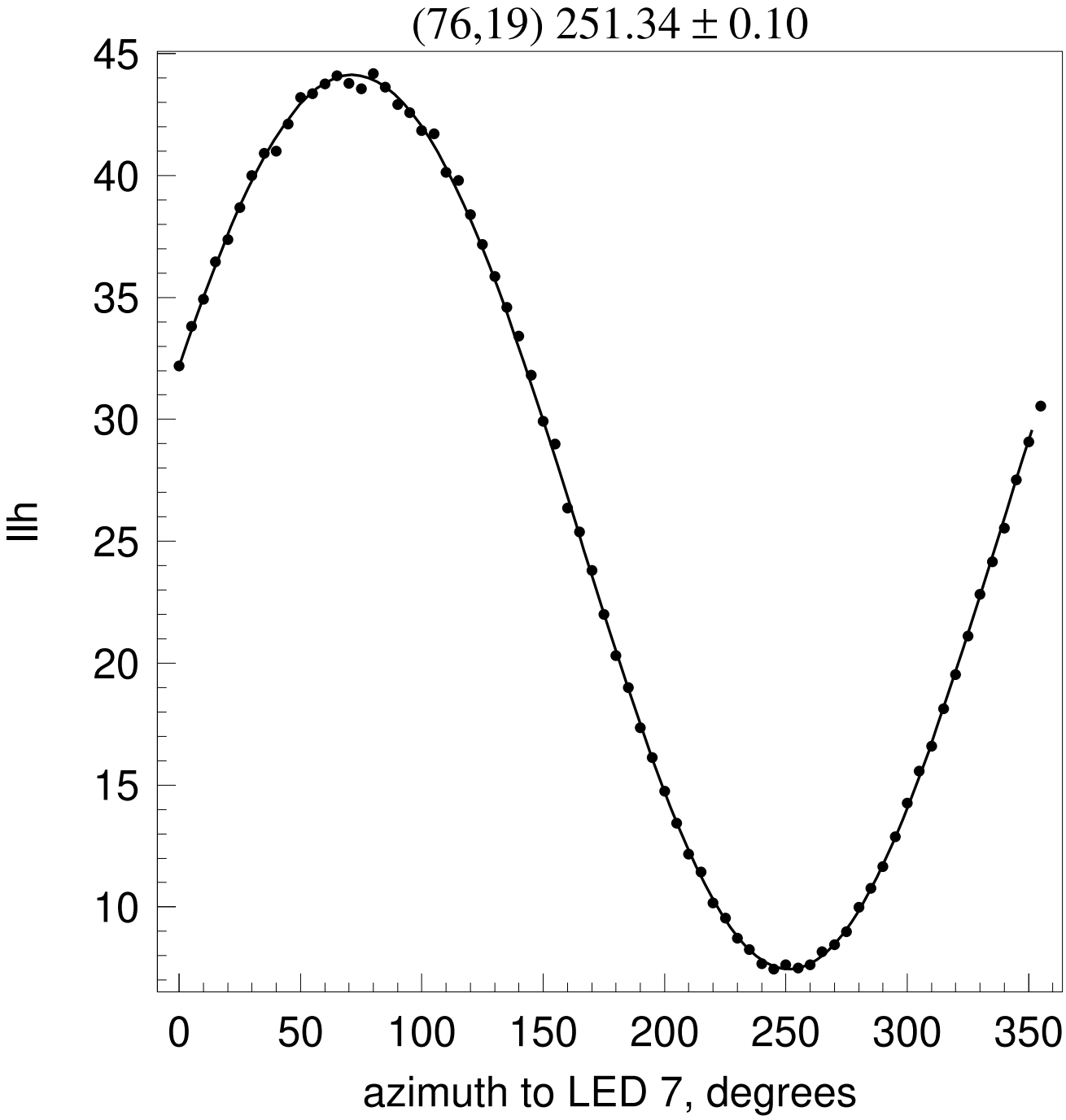

(76,14) 323.59 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

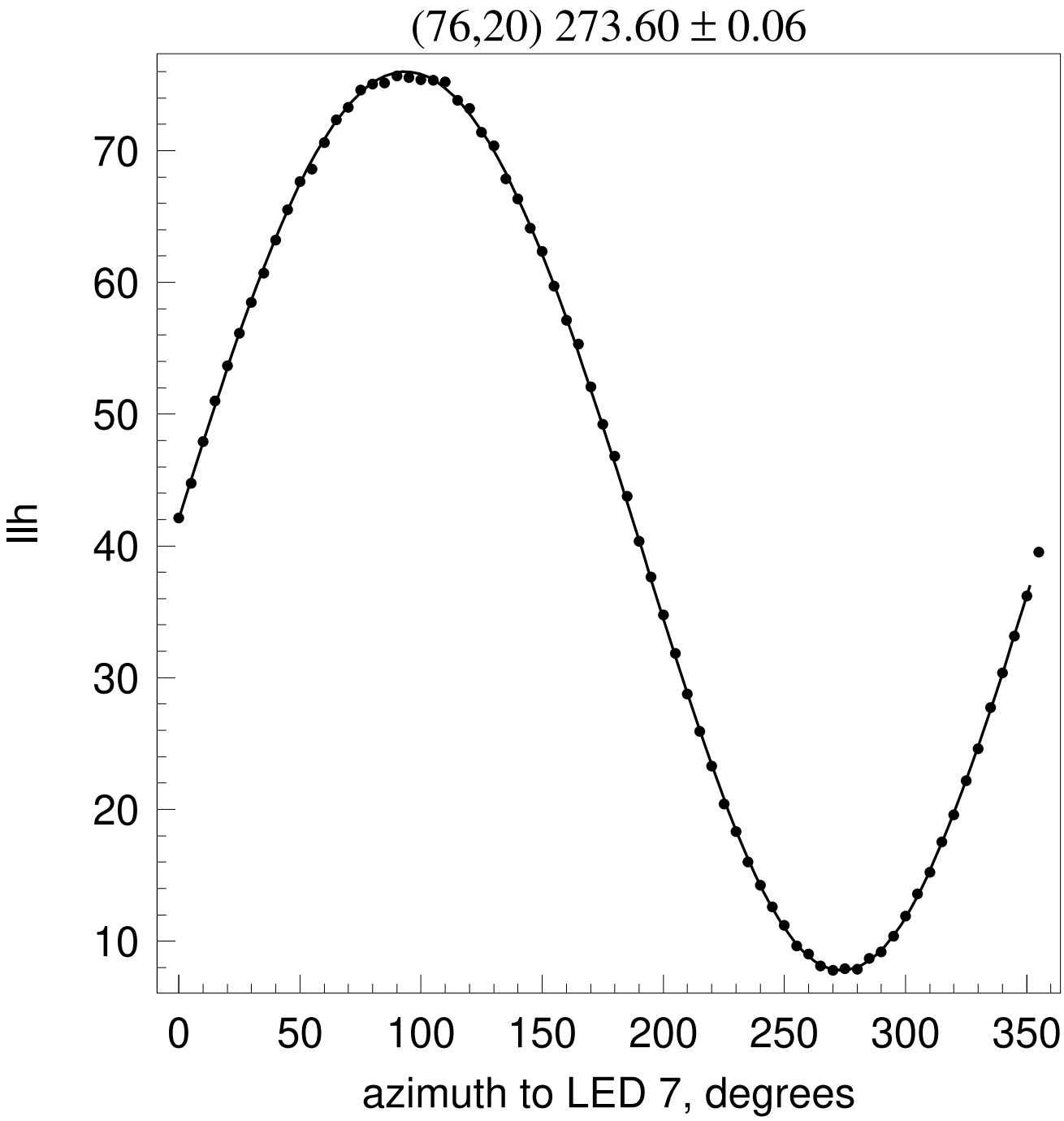

(76,15) 246.19 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

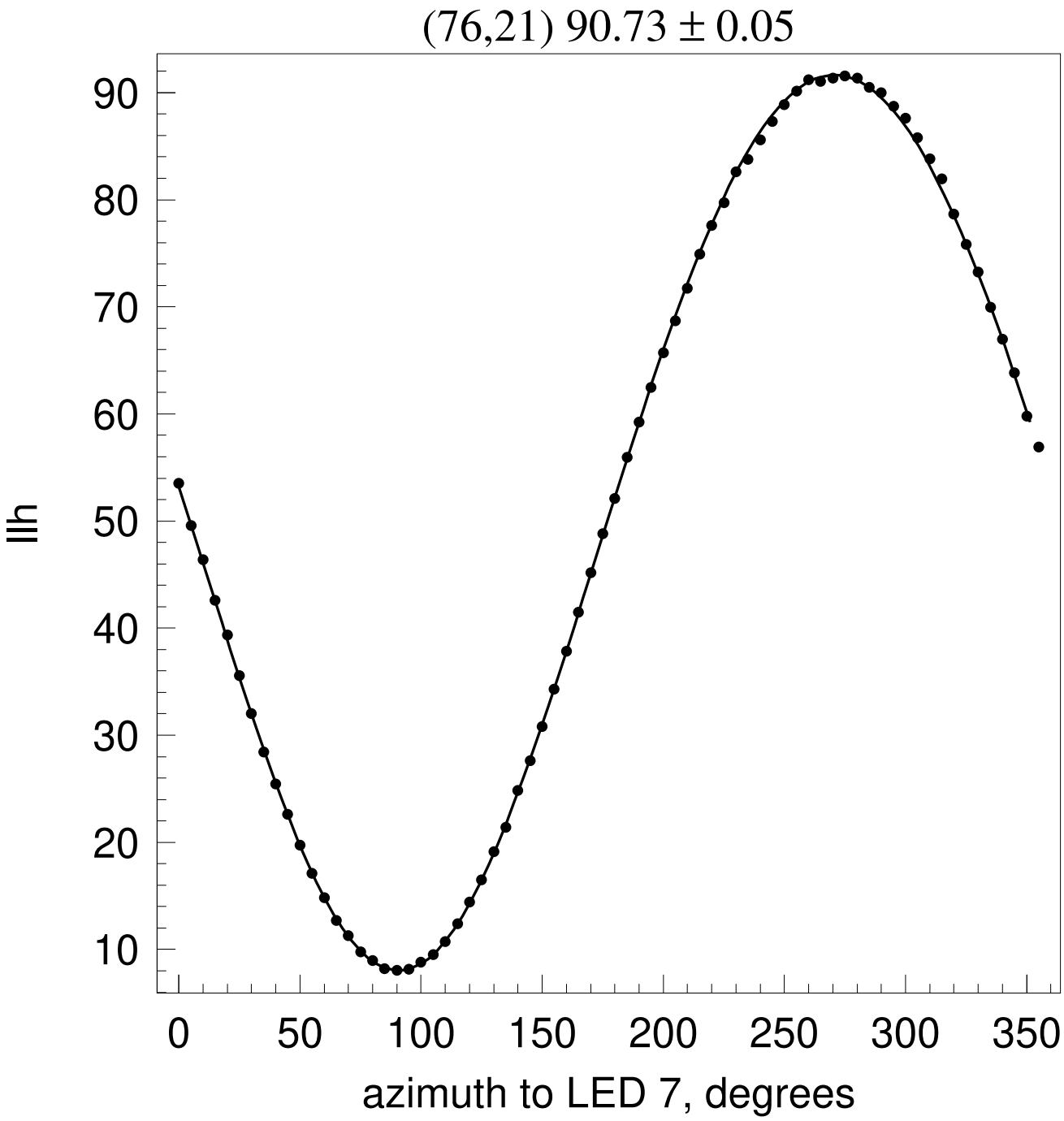

(76,16) 204.52 ± 0.00
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

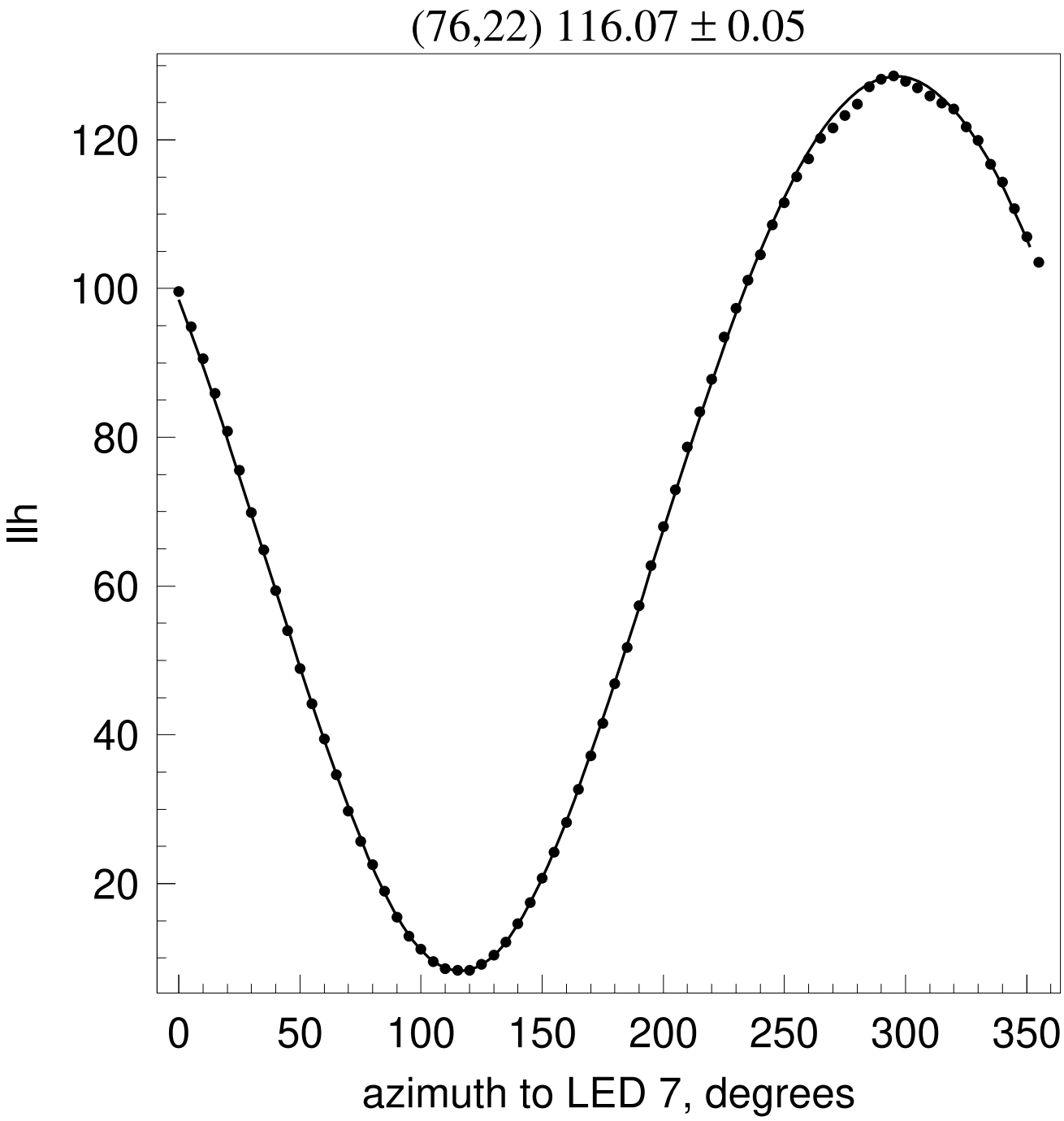

(76,17) 342.73 ± 0.07
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

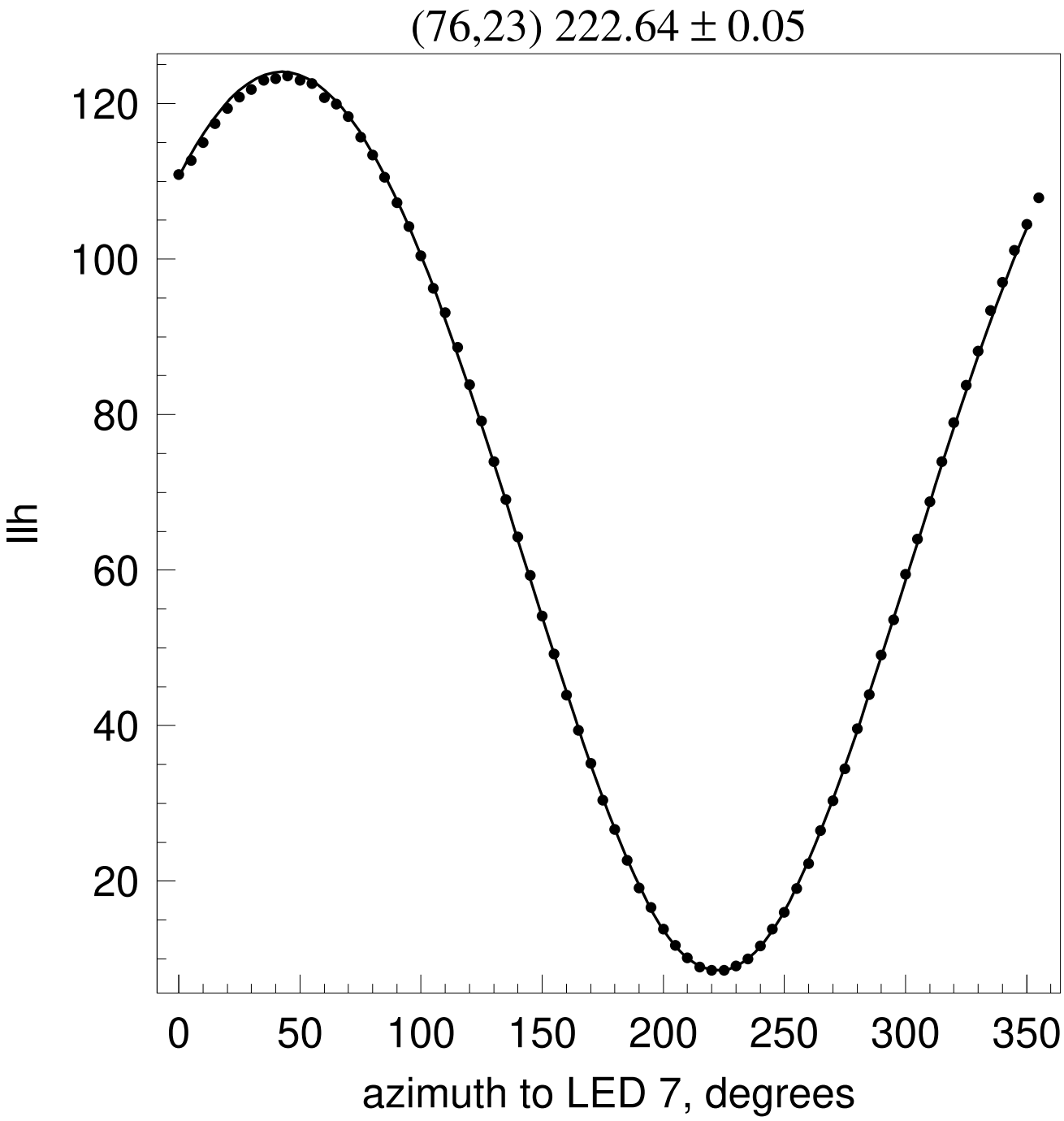

(76,18) 311.07 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

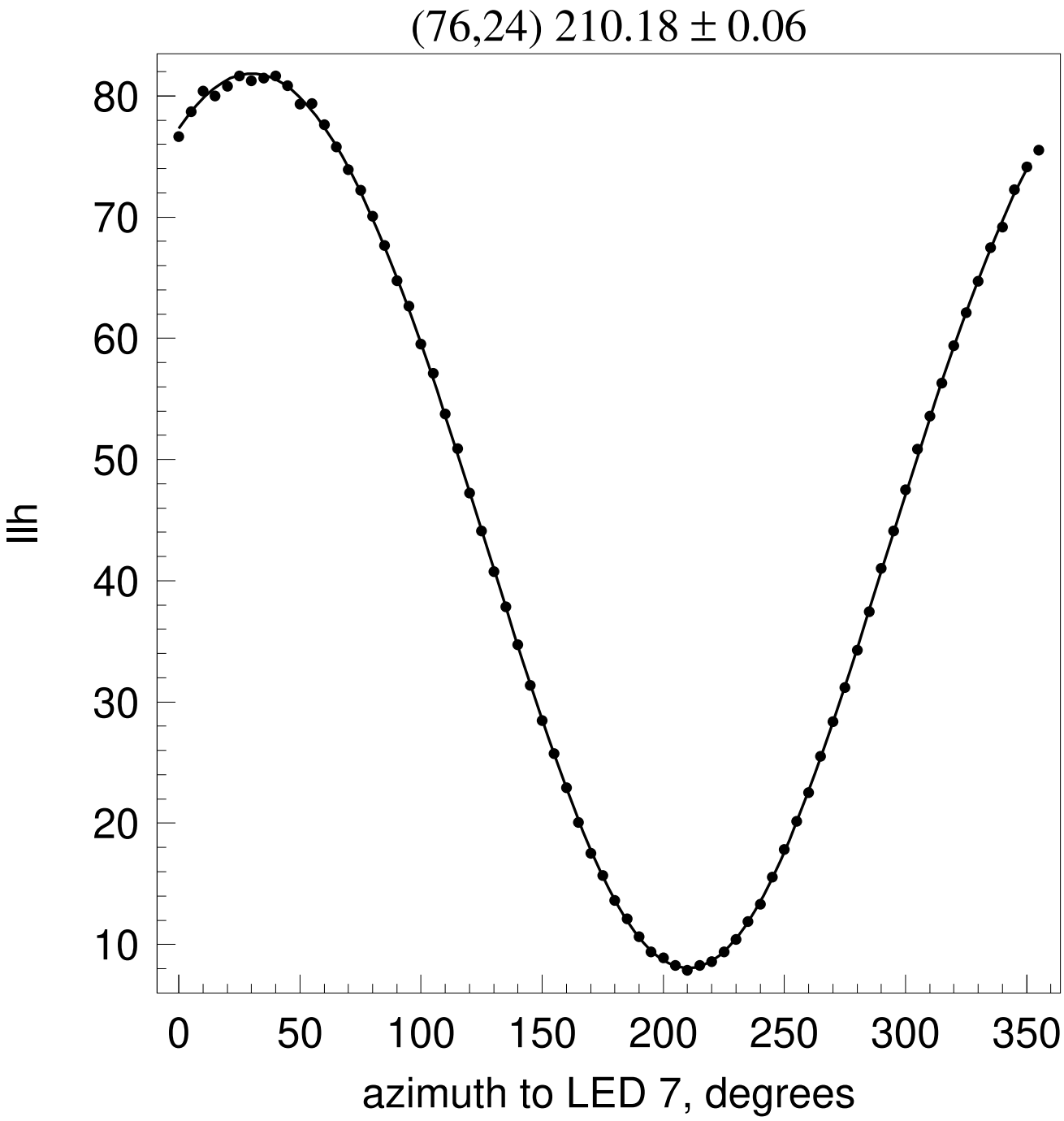

(76,19) 251.34 ± 0.10
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

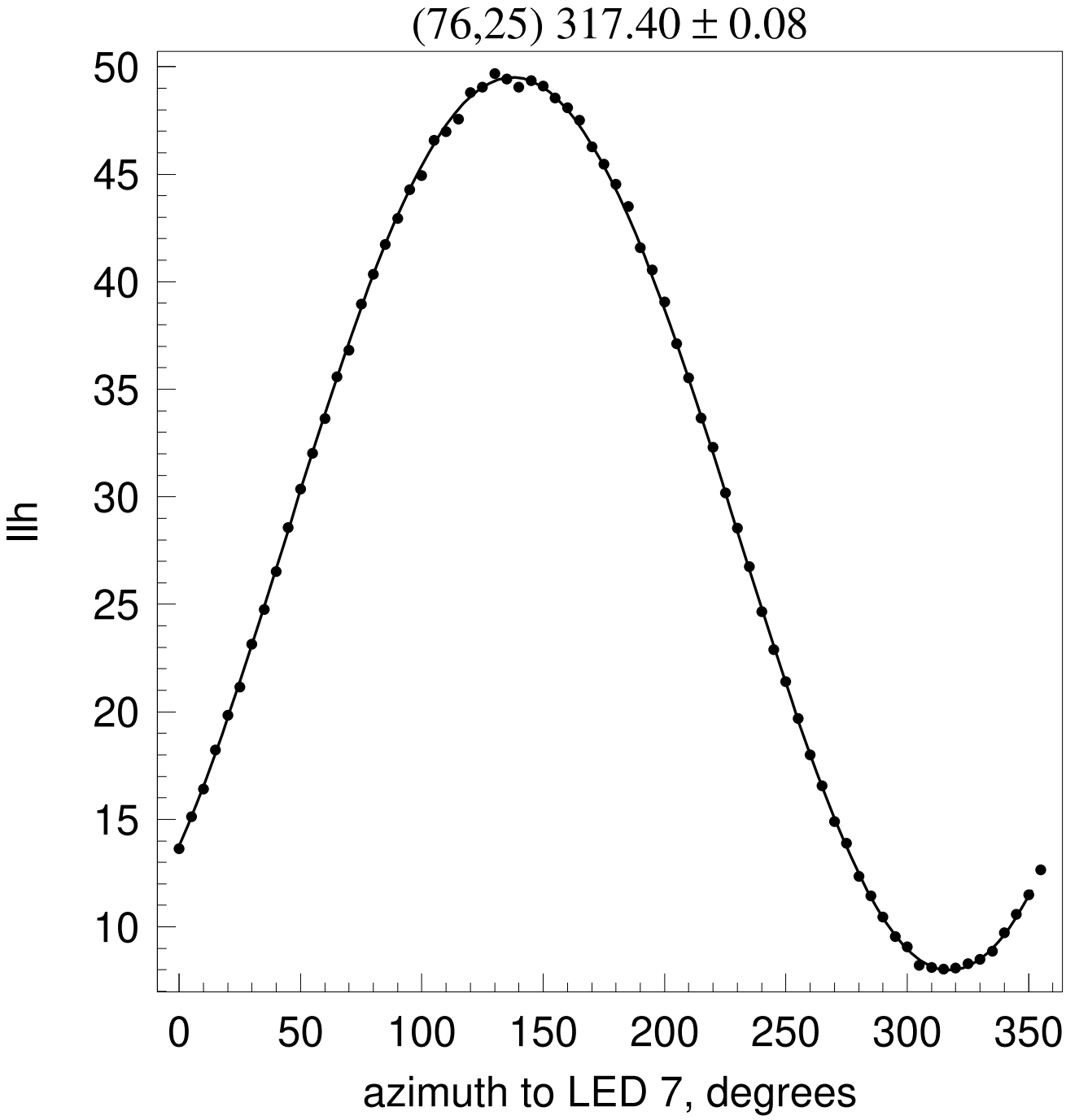

(76,20) 273.60 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

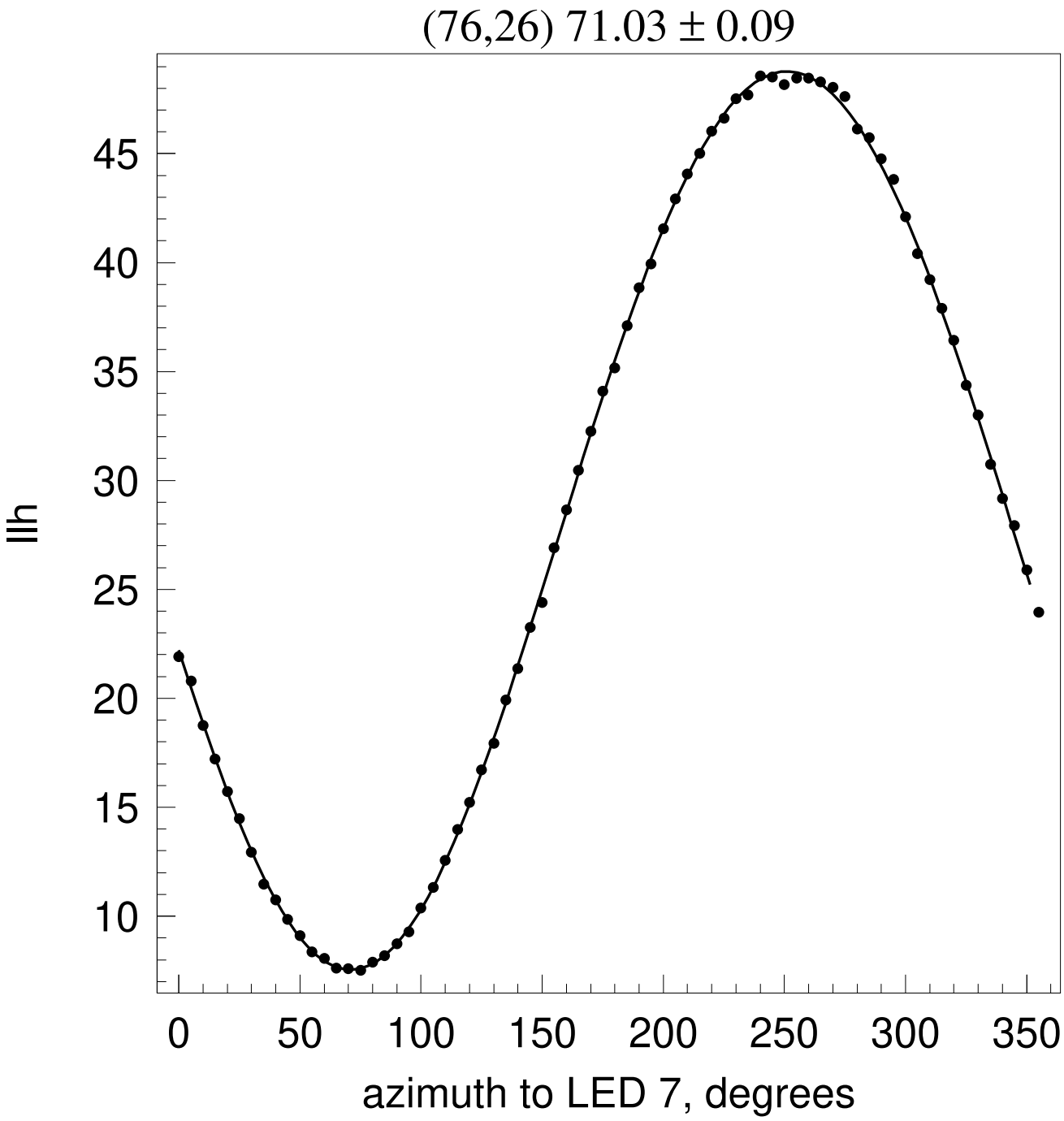

(76,21) 90.73 ± 0.05
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

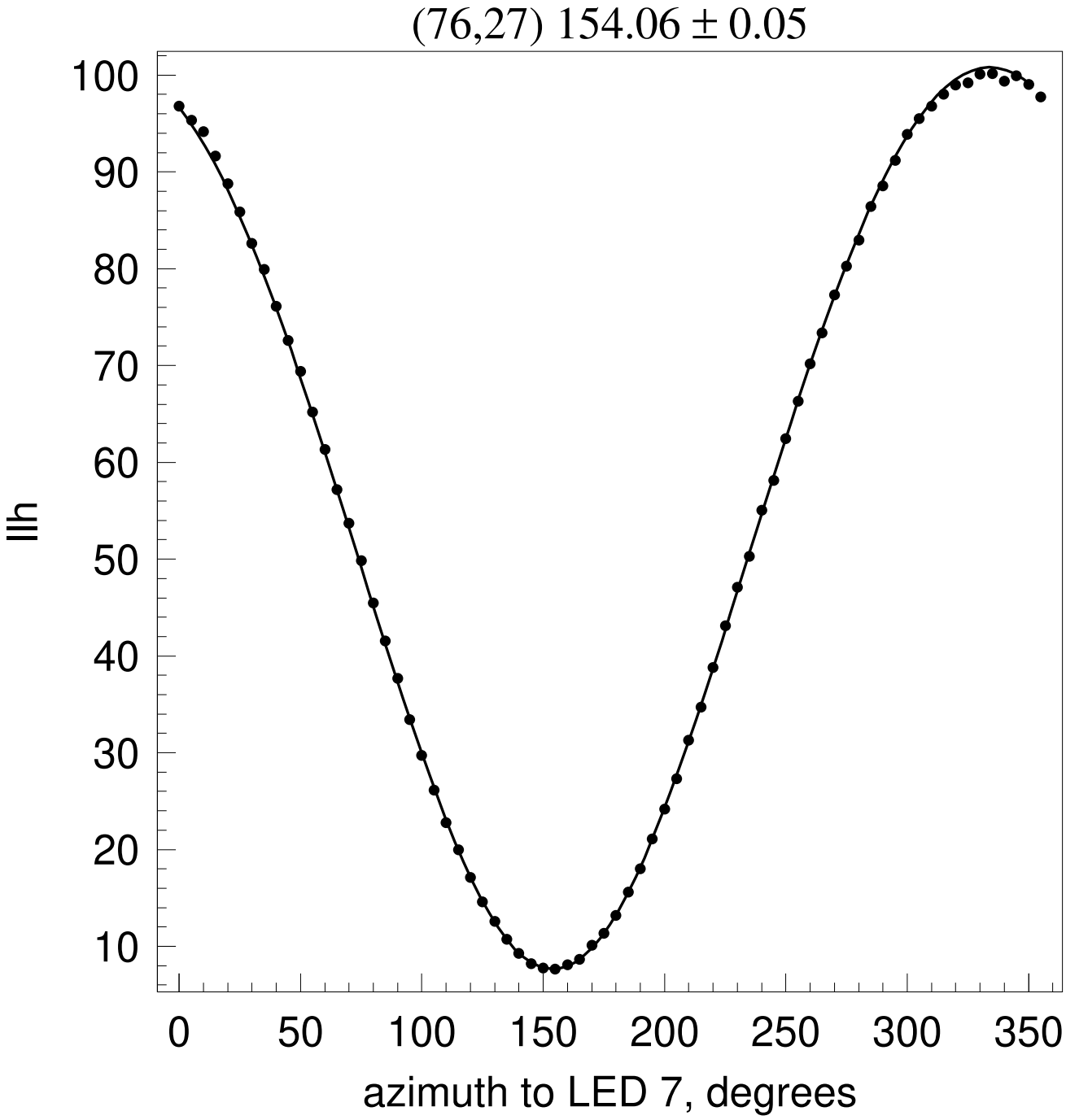

(76,22) 116.07 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

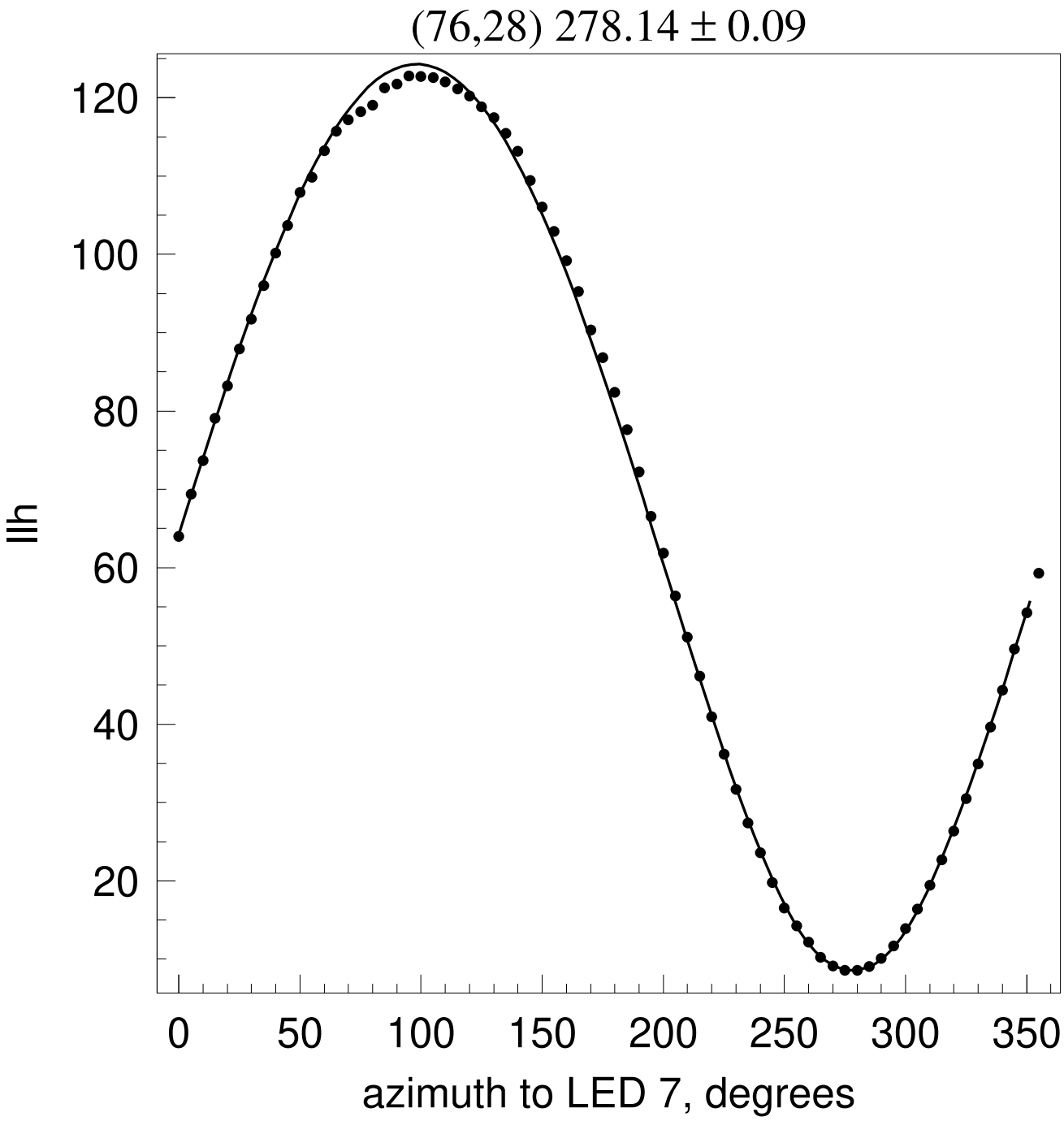

(76,23) 222.64 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

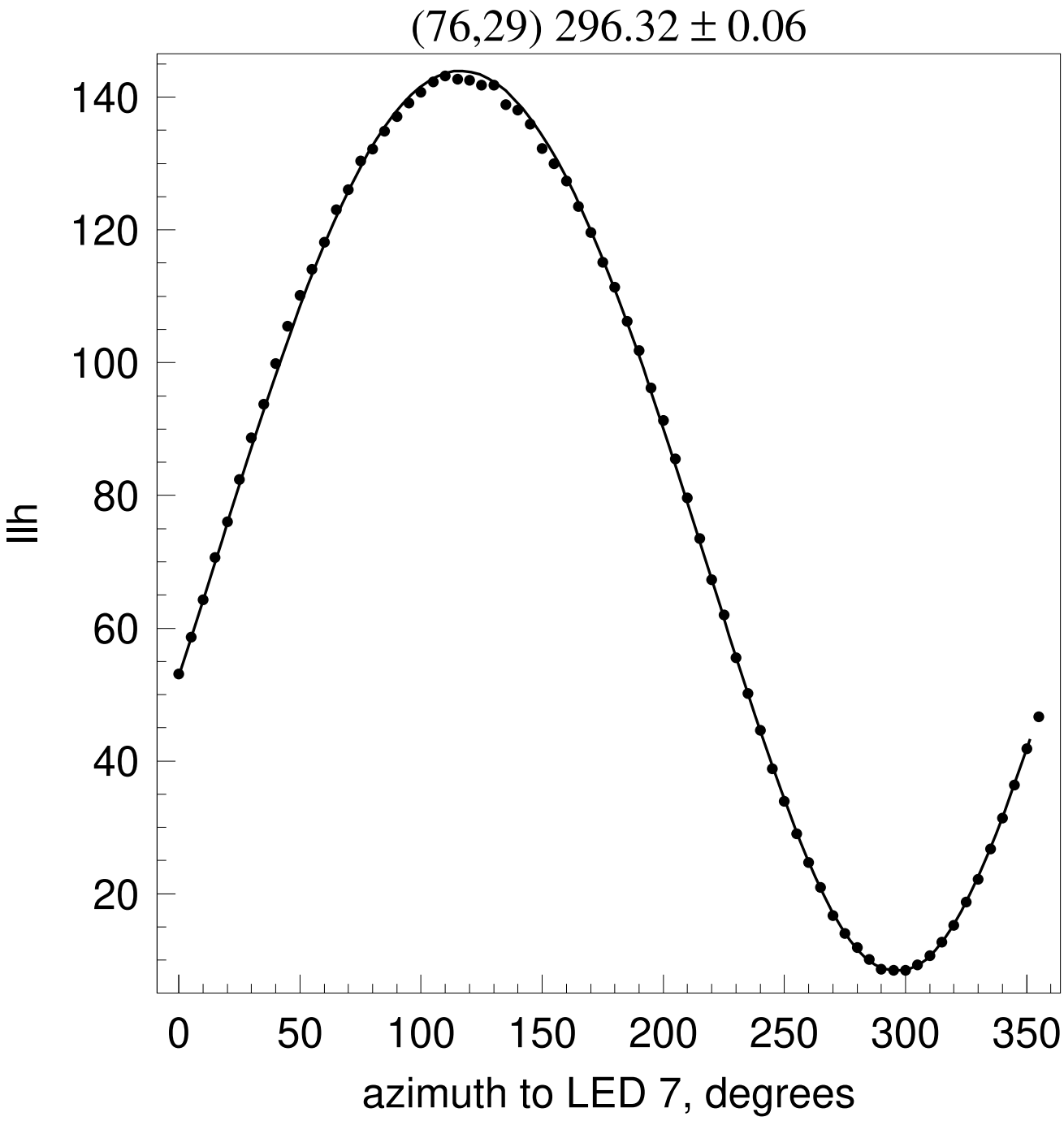

(76,24) 210.18 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

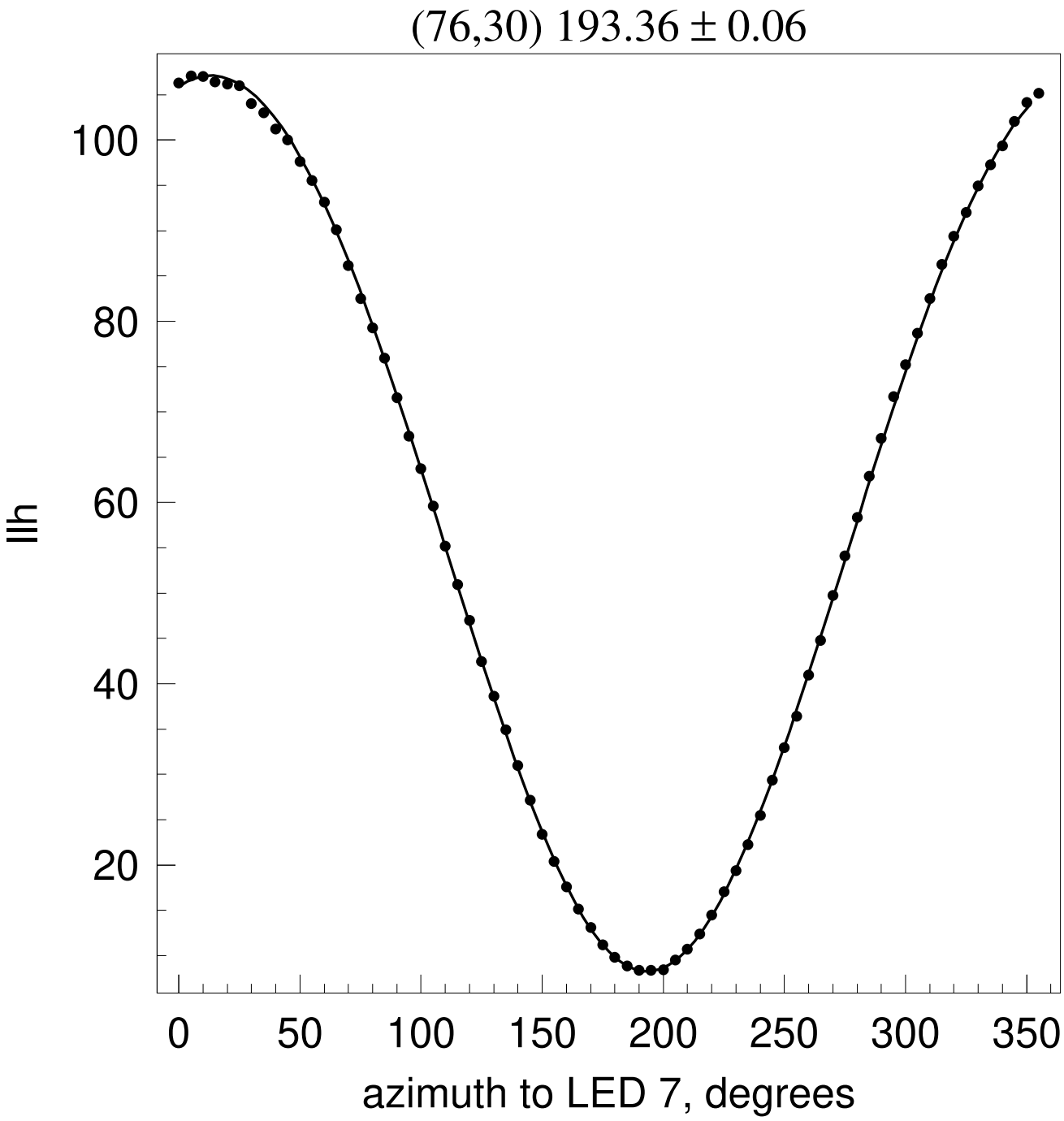

(76,25) 317.40 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

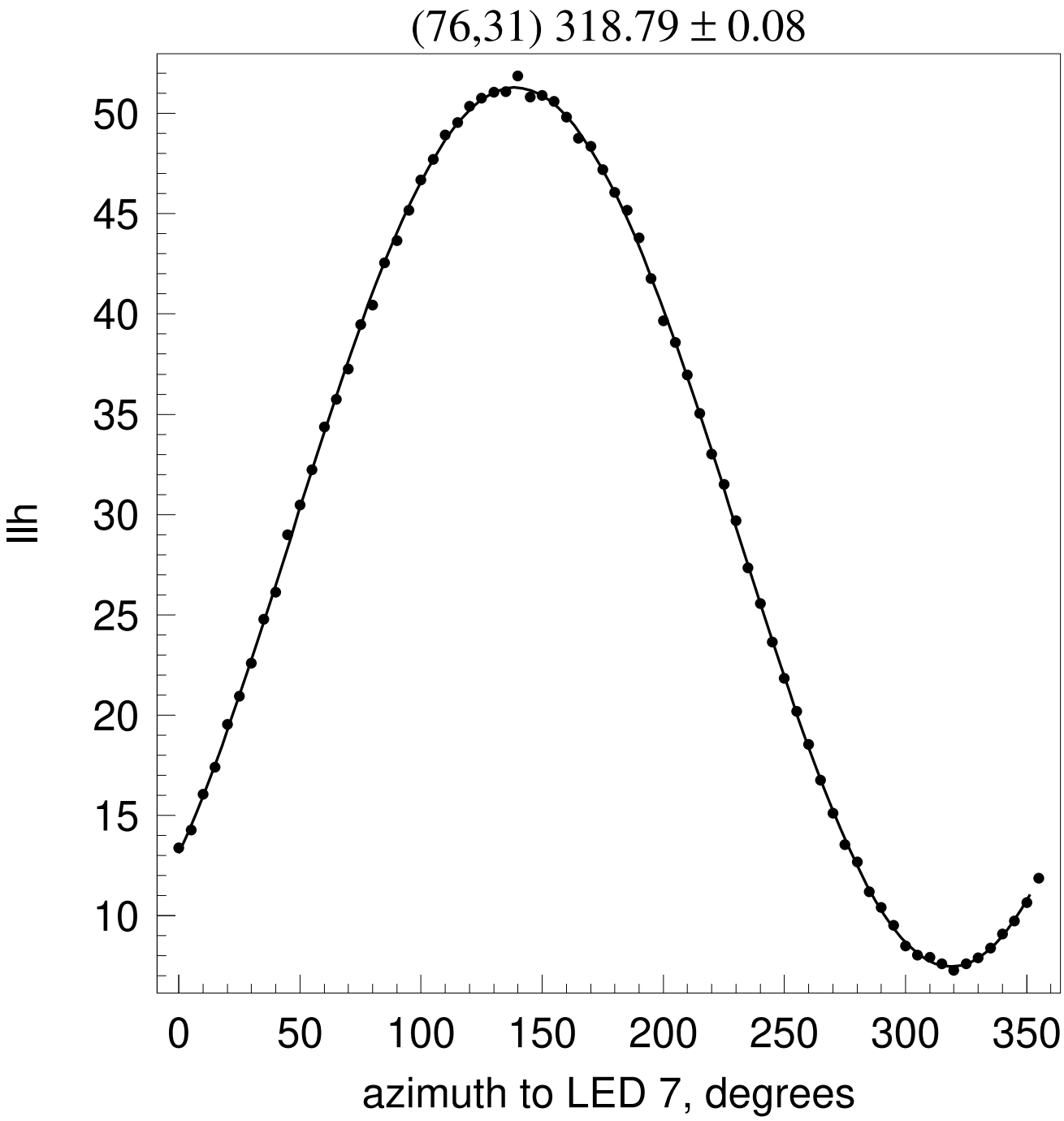

(76,26) 71.03 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

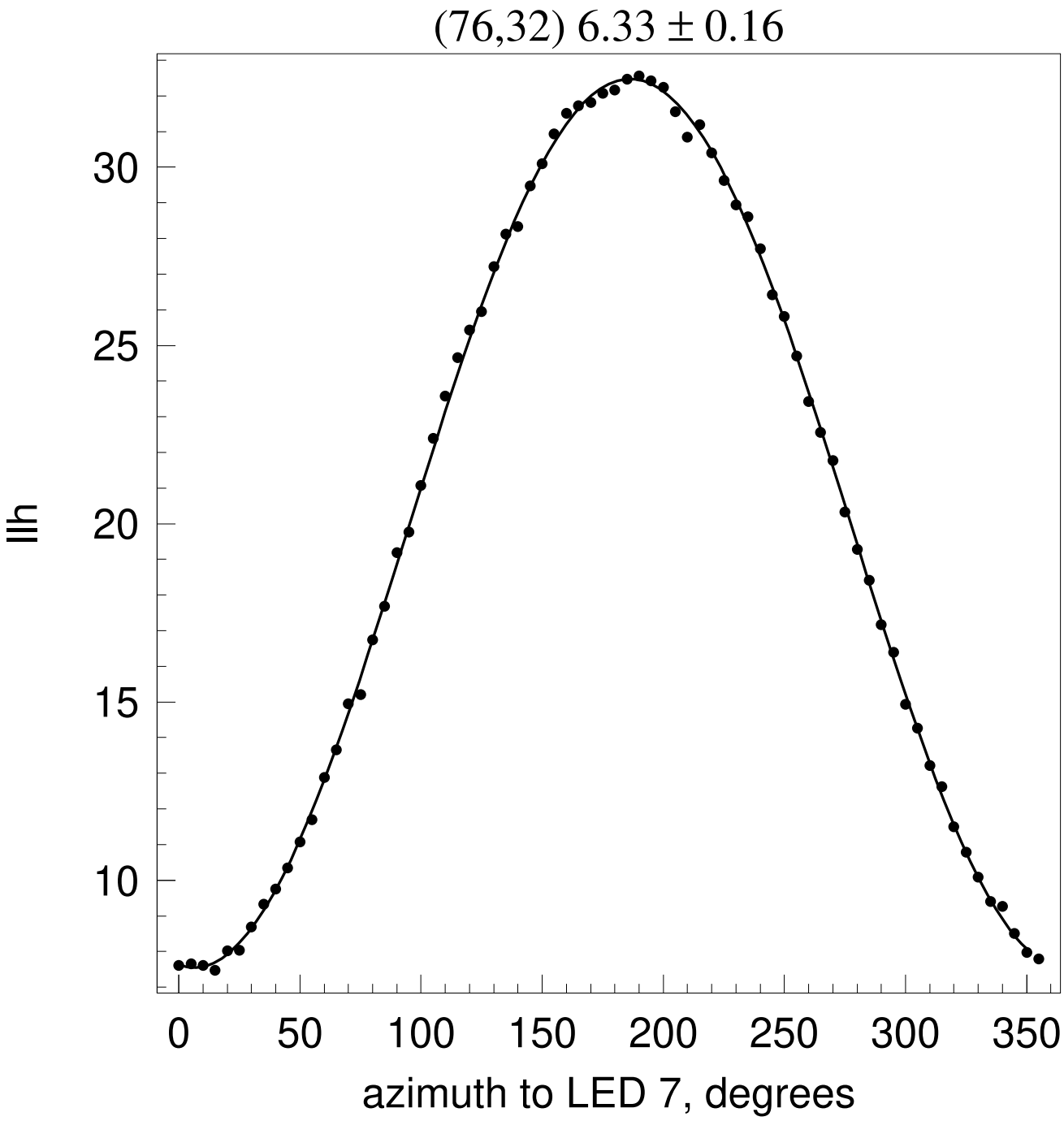

(76,27) 154.06 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

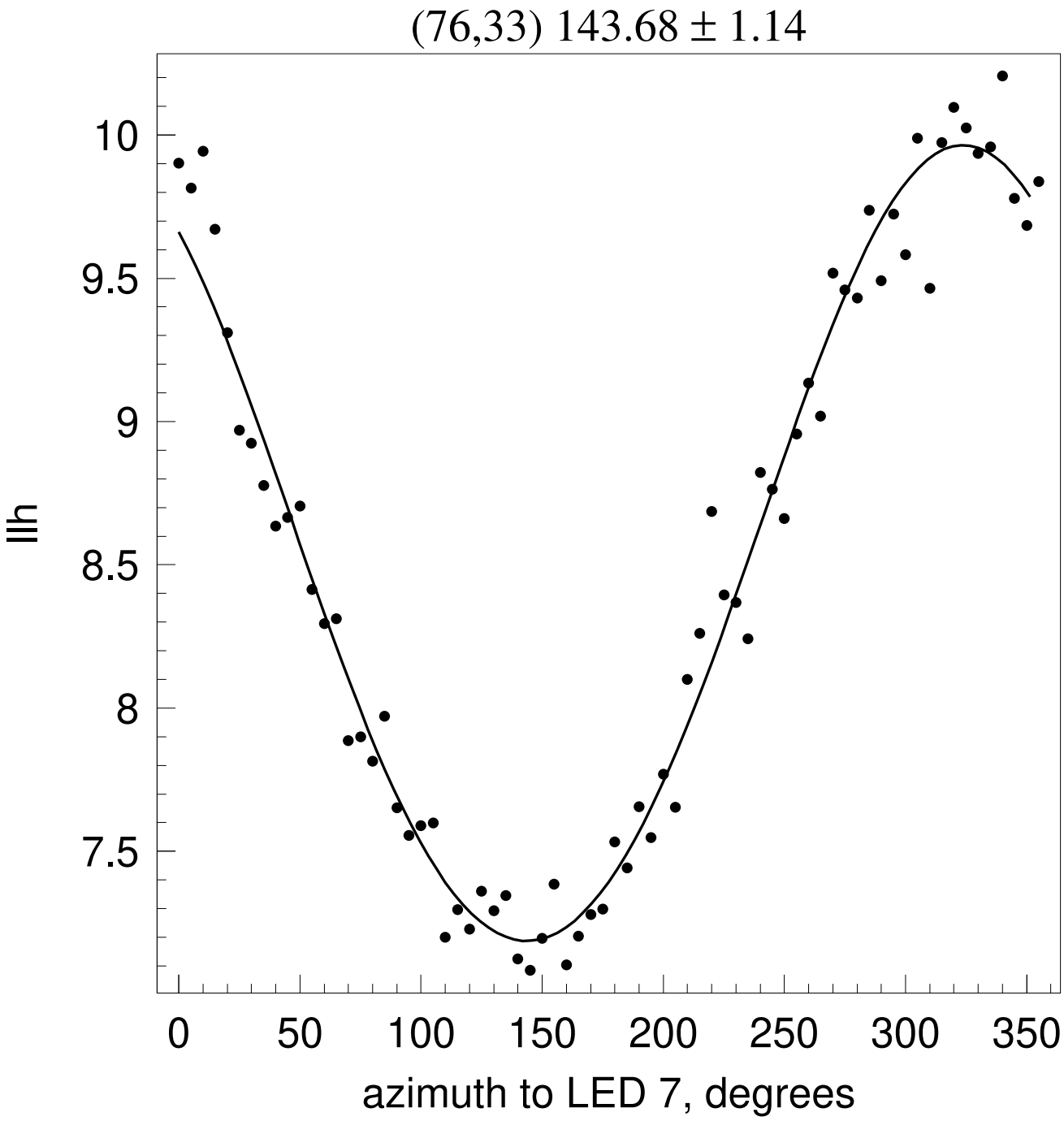

(76,28) 278.14 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

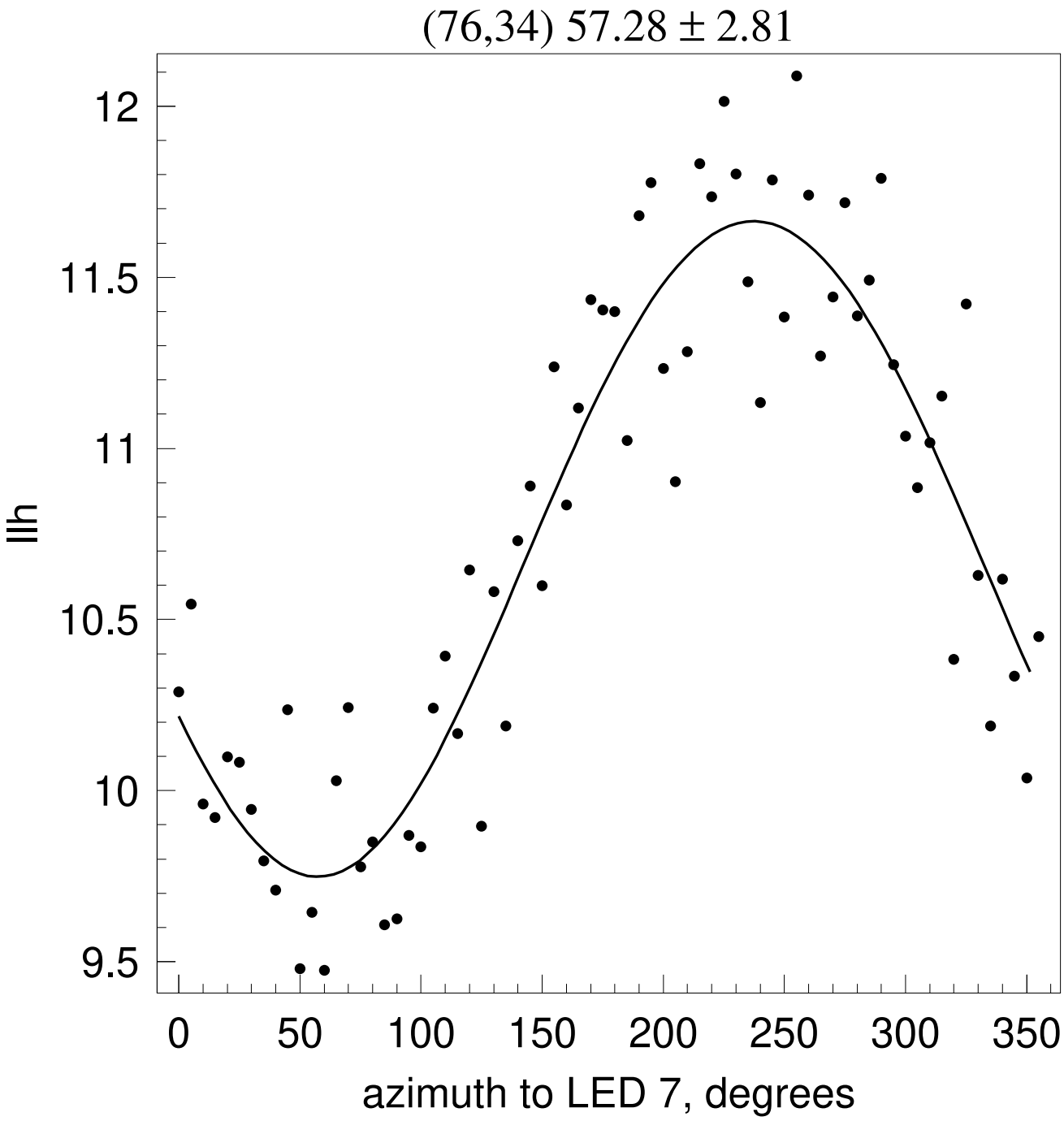

(76,29) 296.32 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

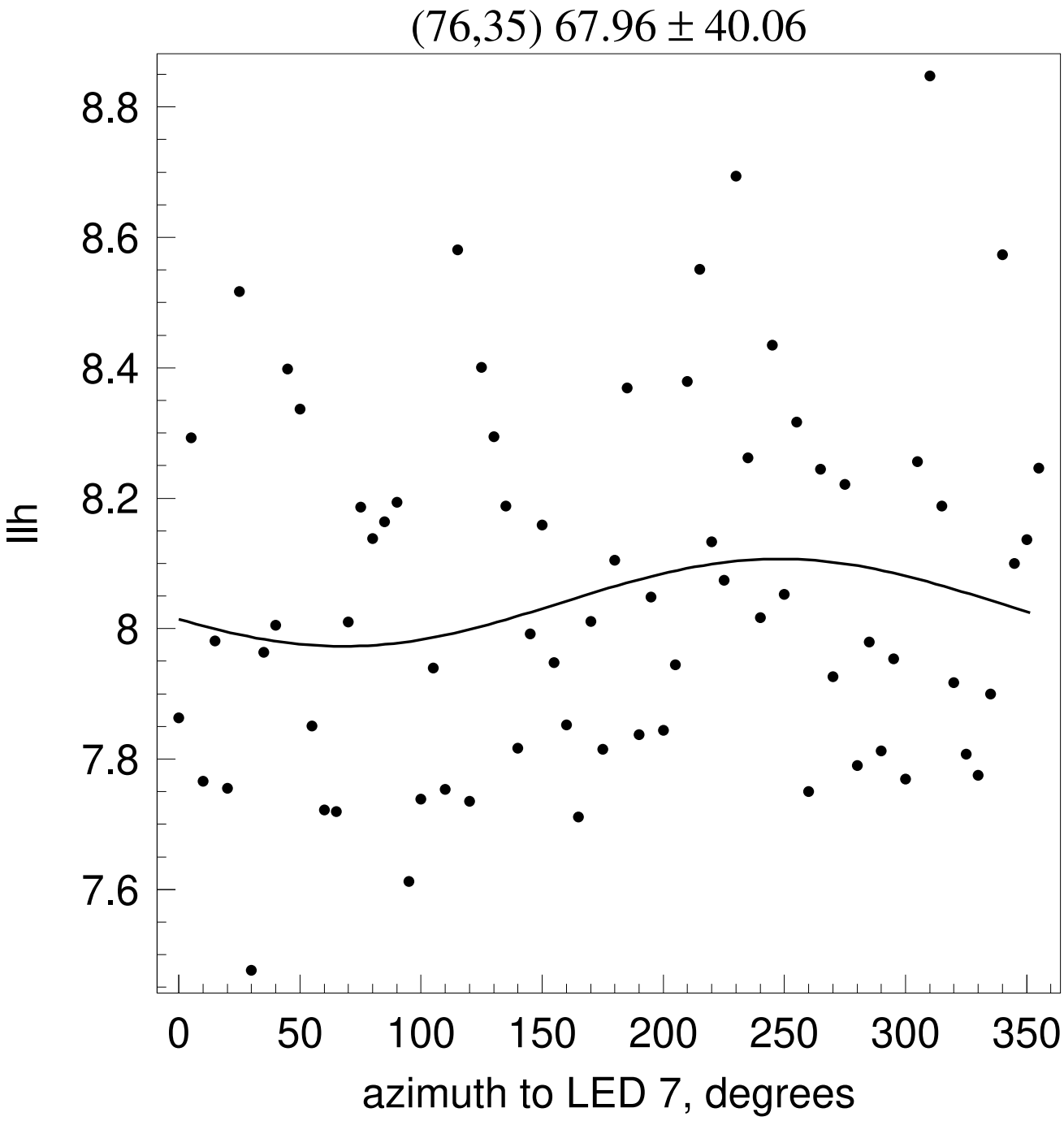

(76,30) 193.36 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

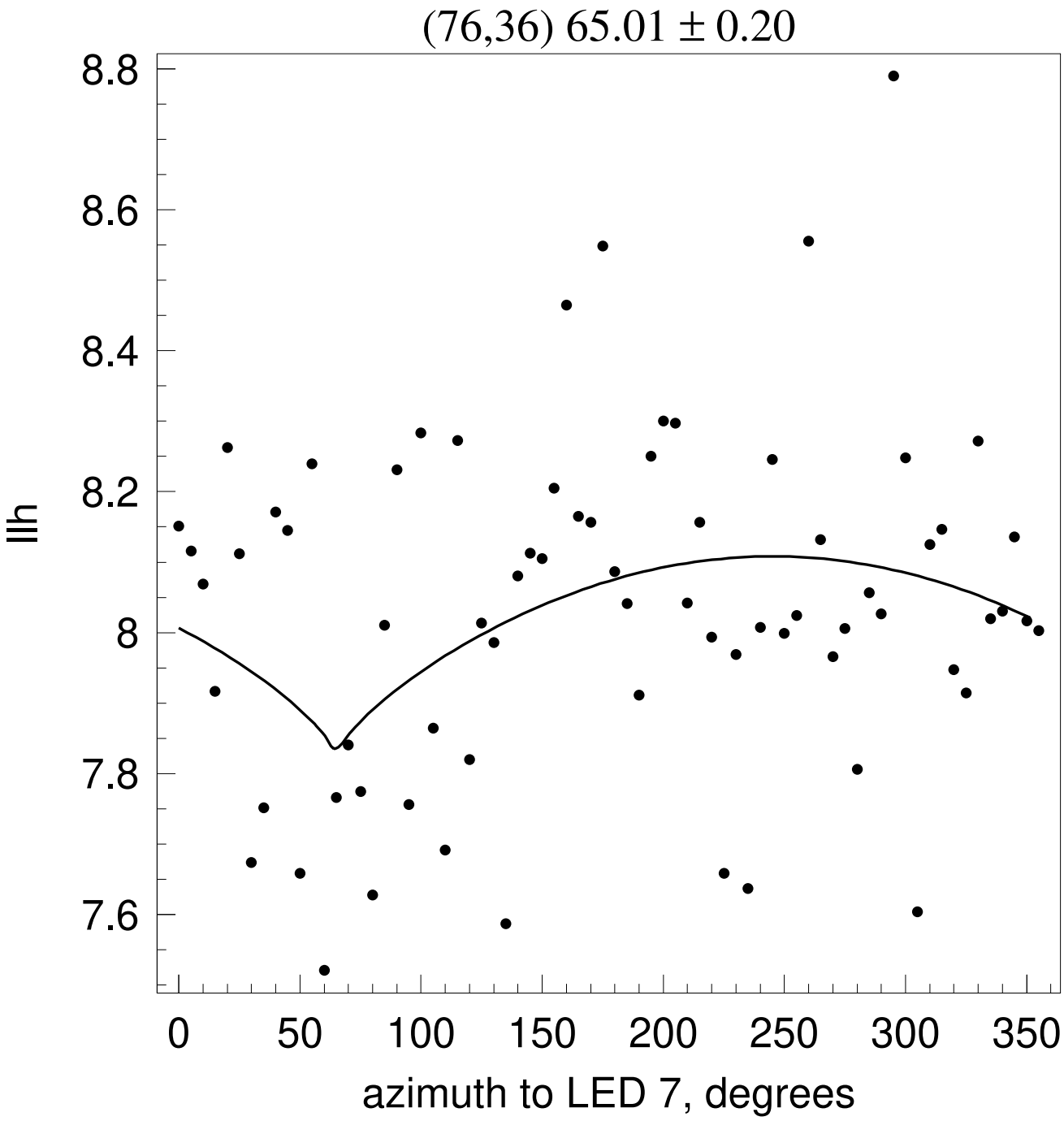

(76,31) 318.79 ± 0.08
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

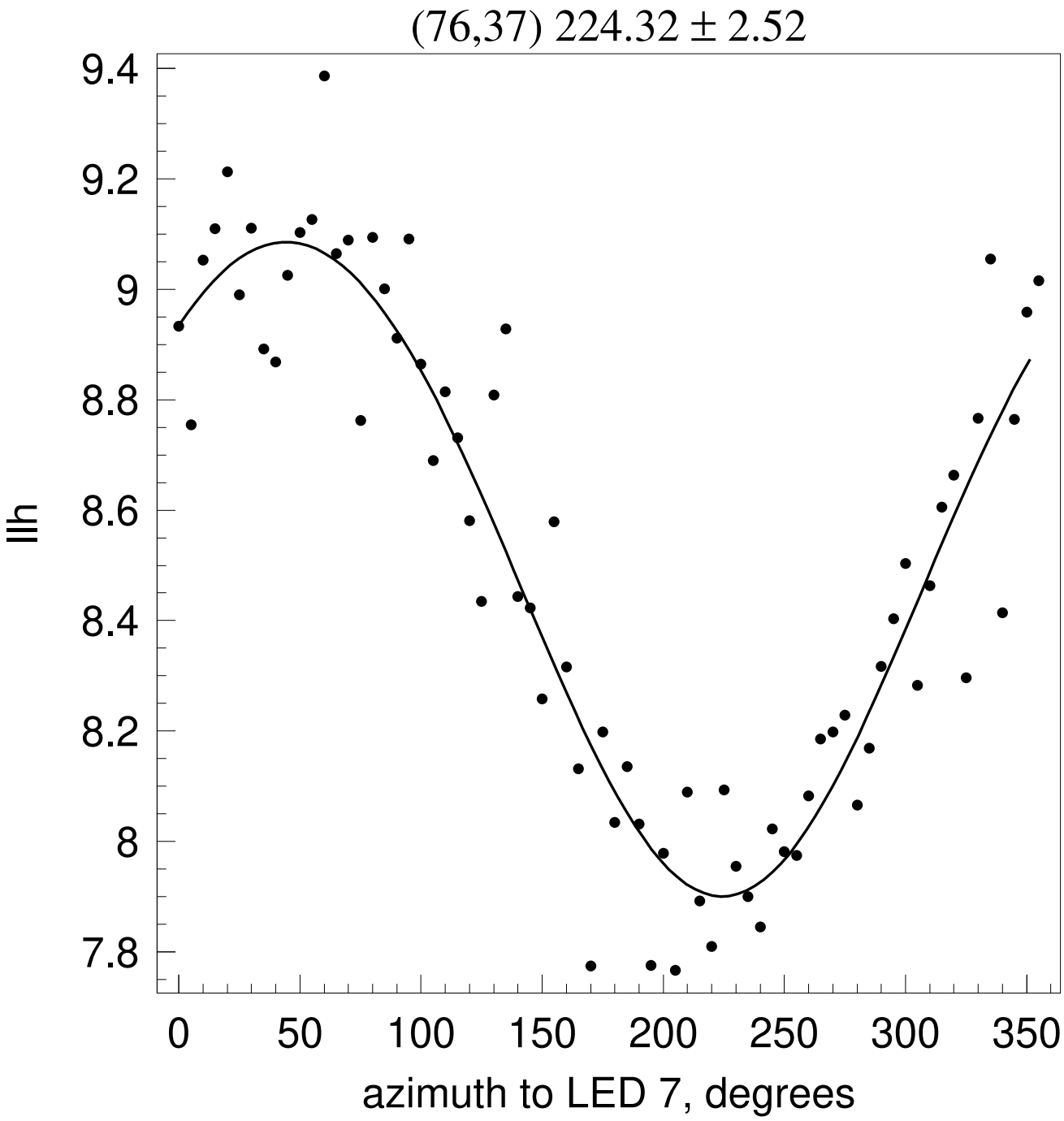

(76,32) 6.33 ± 0.16
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

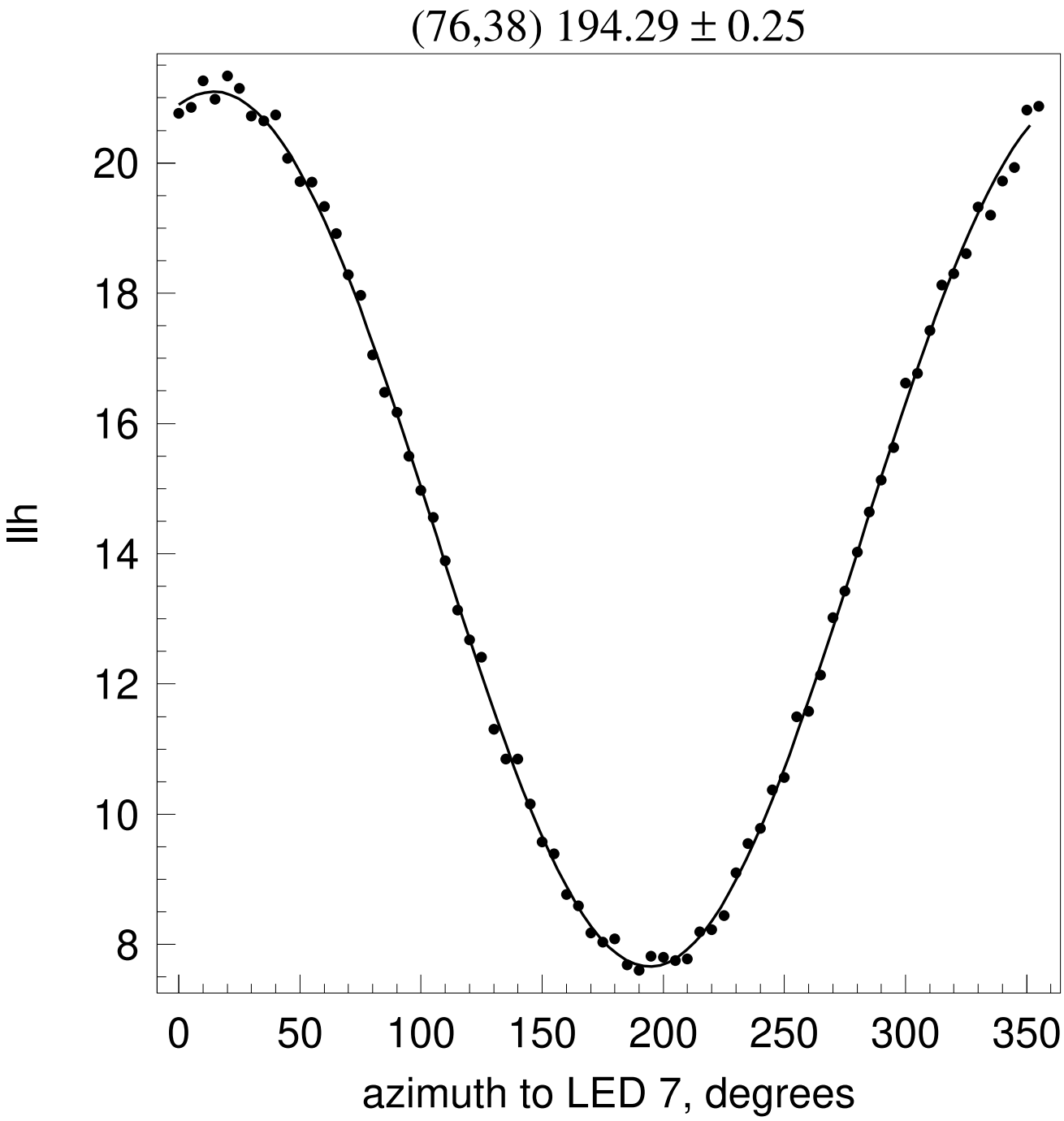

(76,33) 143.68 ± 1.14
10
9.5
9
8.5
8
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

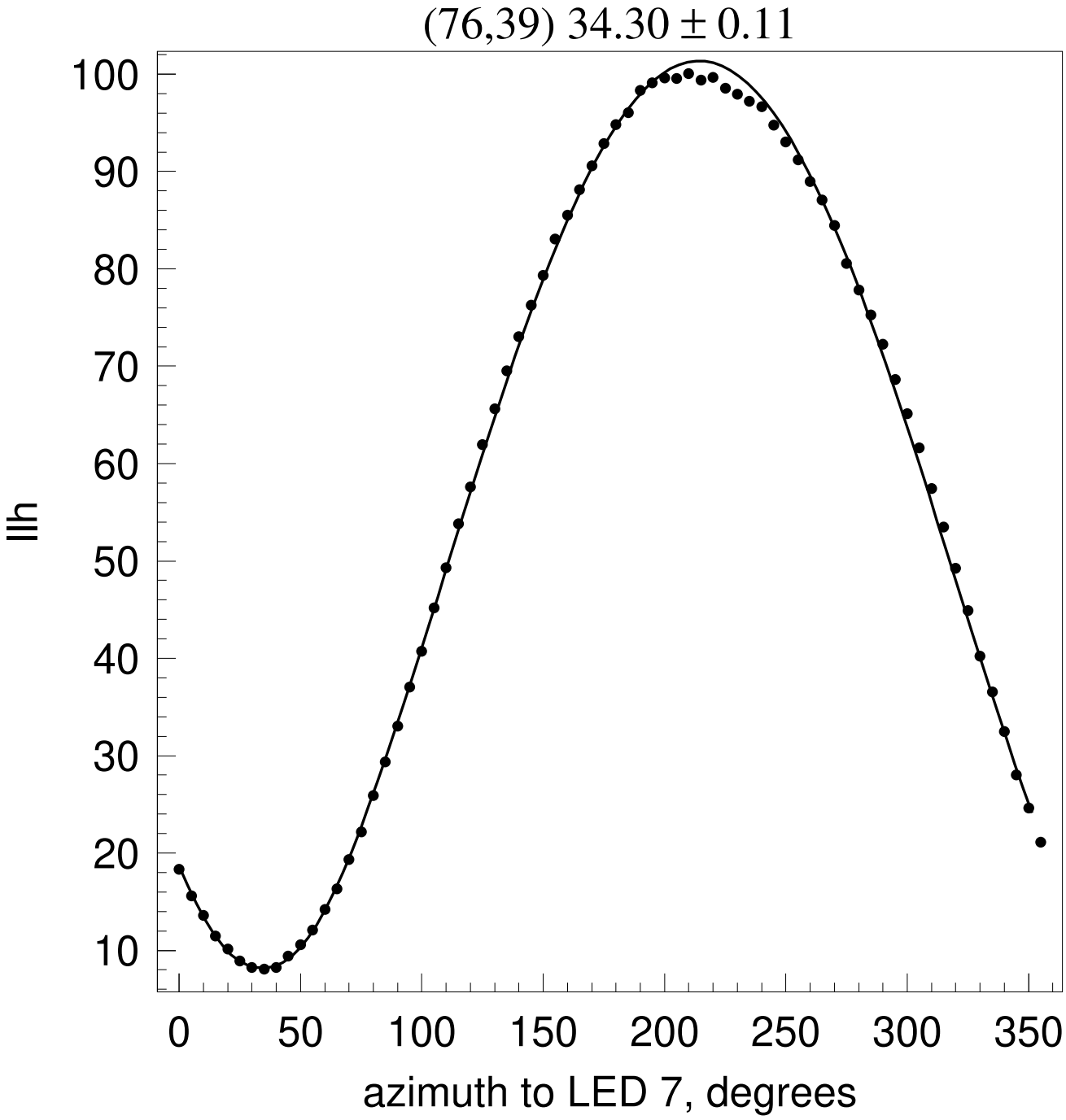

(76,34) 57.28 ± 2.81
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

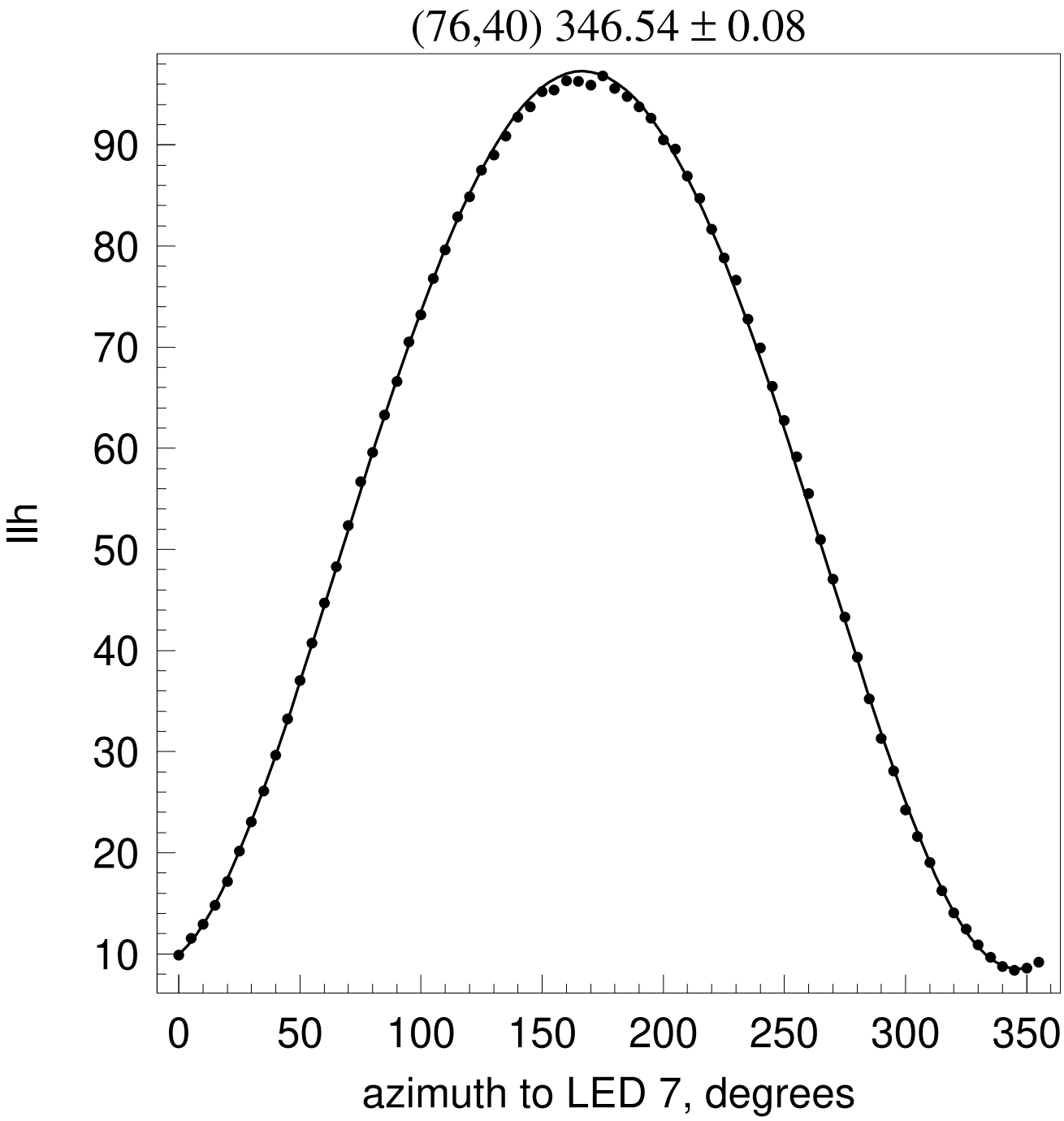

(76,35) 67.96 ± 40.06
8.8
8.6
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

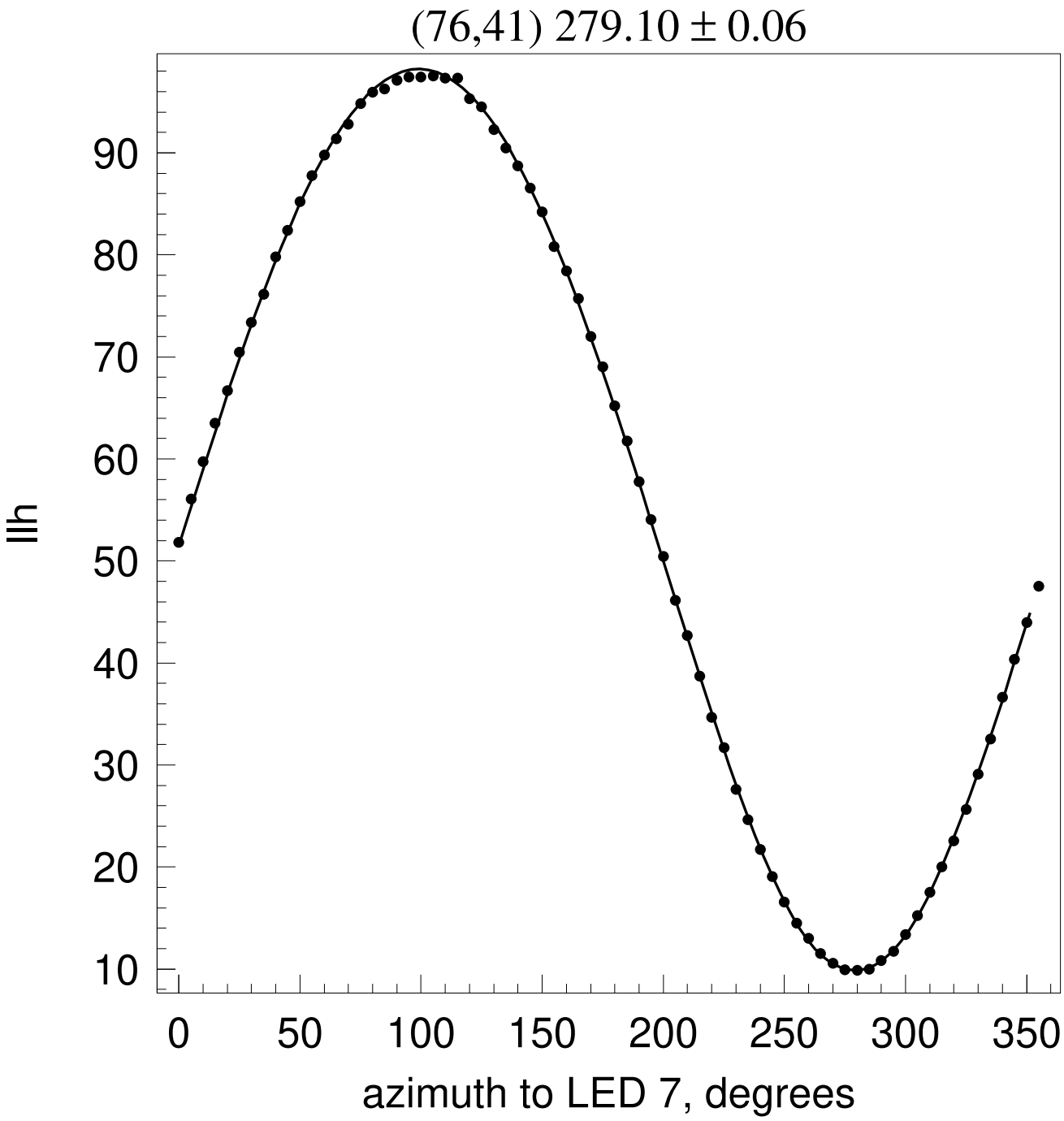

(76,36) 65.01 ± 0.20
8.8
8.6
8.4
8.2
8
7.8
7.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

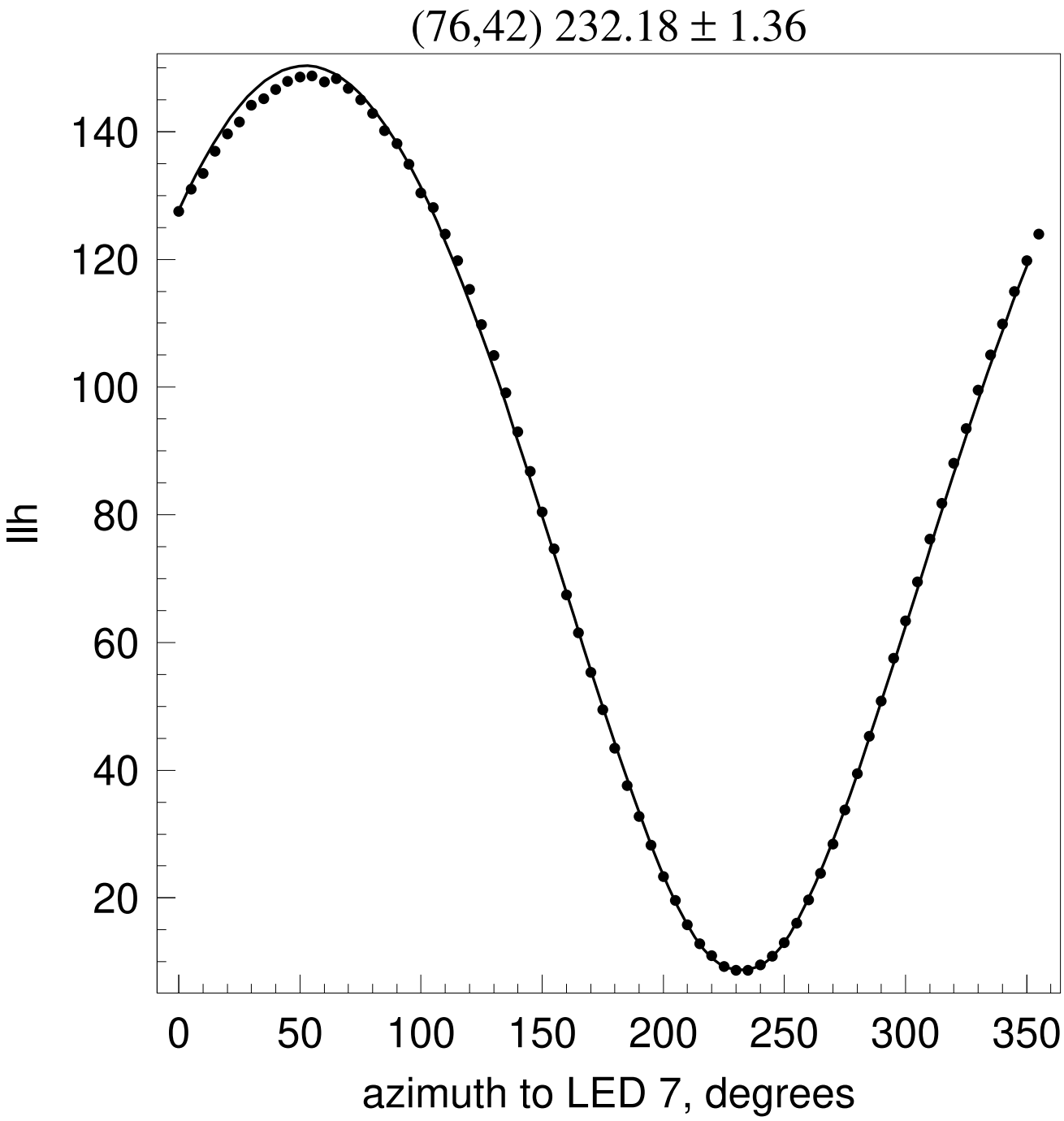

(76,37) 224.32 ± 2.52
9.4
9.2
9
8.8
8.6
8.4
8.2
8
7.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

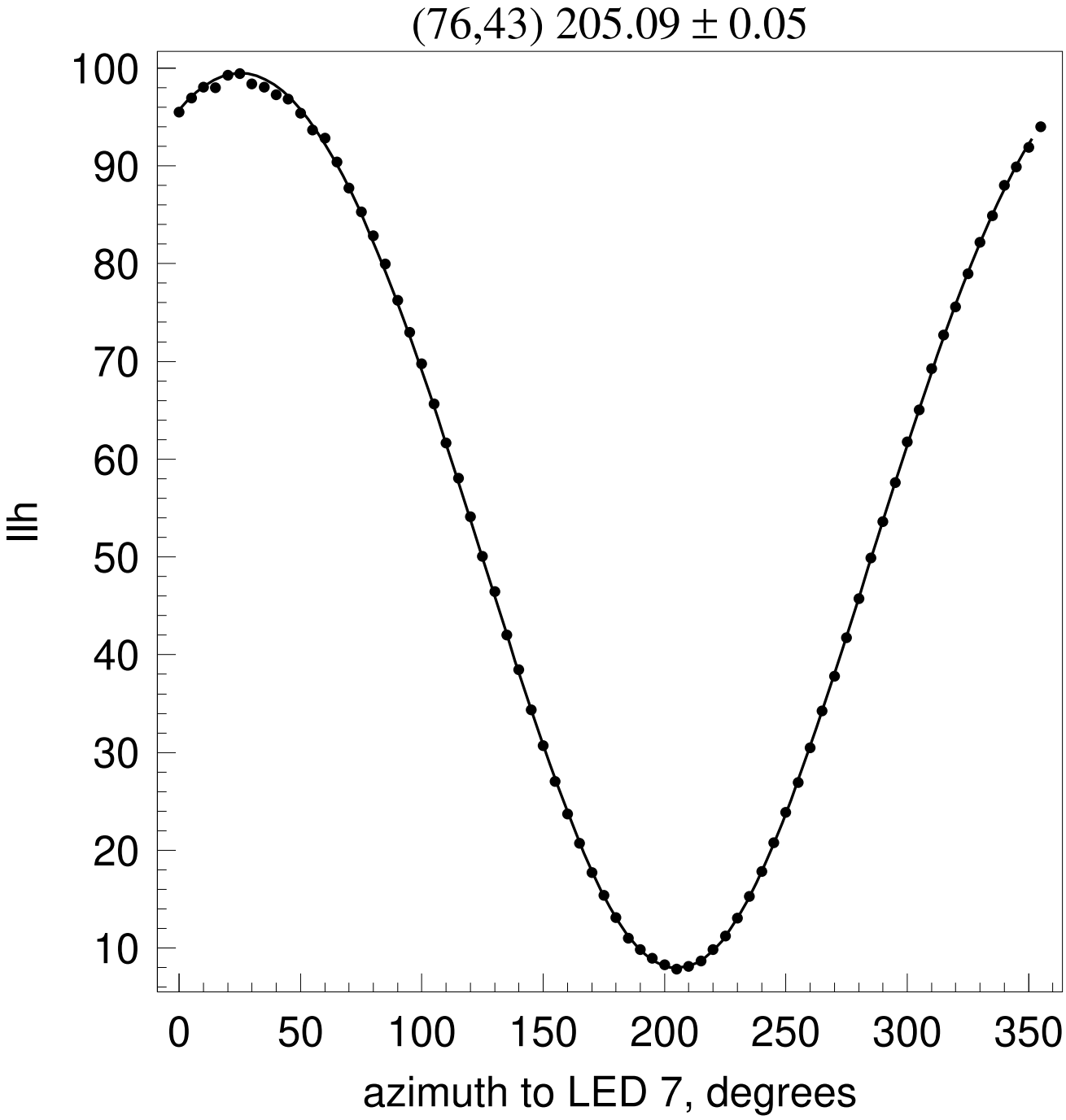

(76,38) 194.29 ± 0.25
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

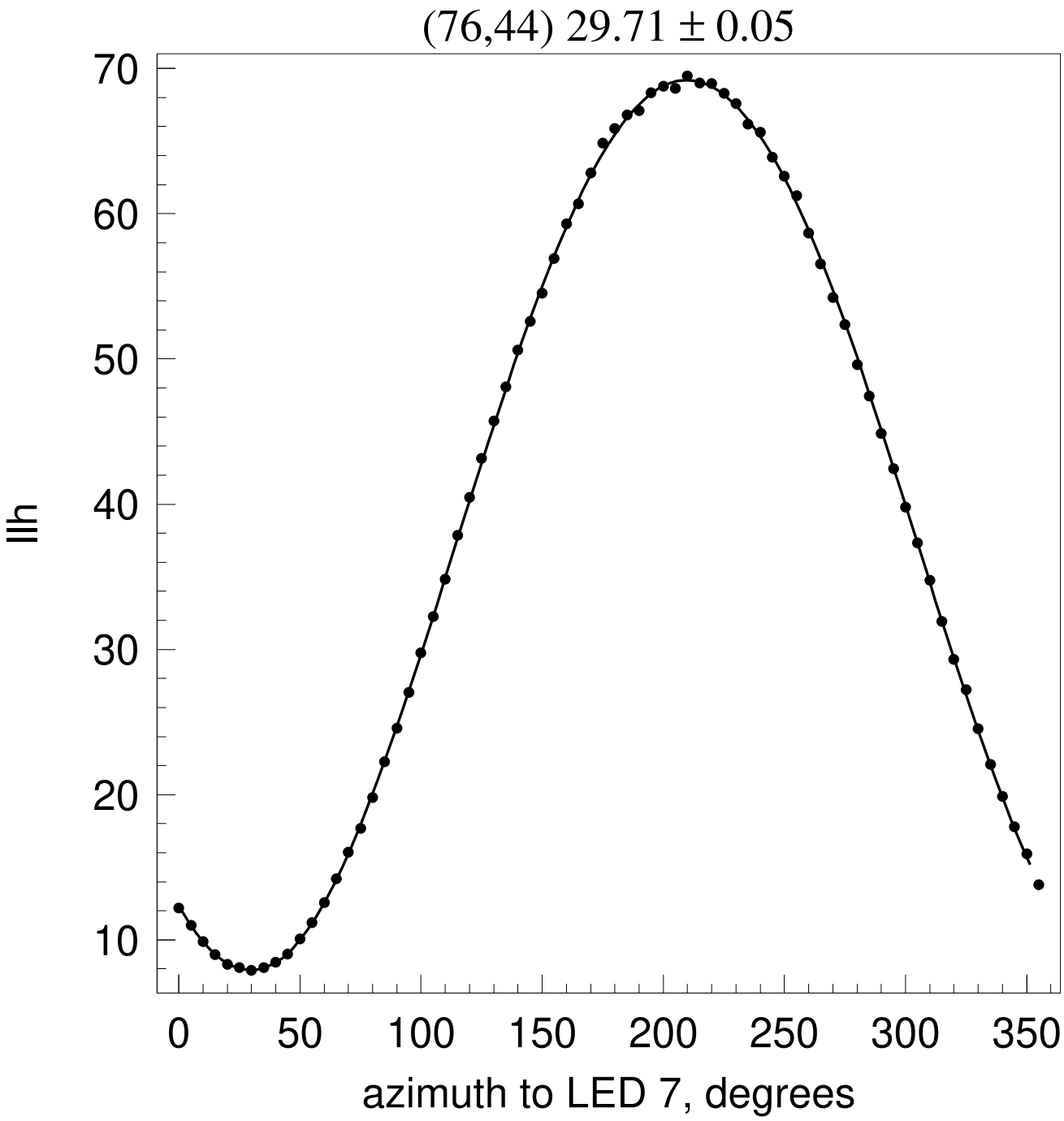

(76,39) 34.30 ± 0.11
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

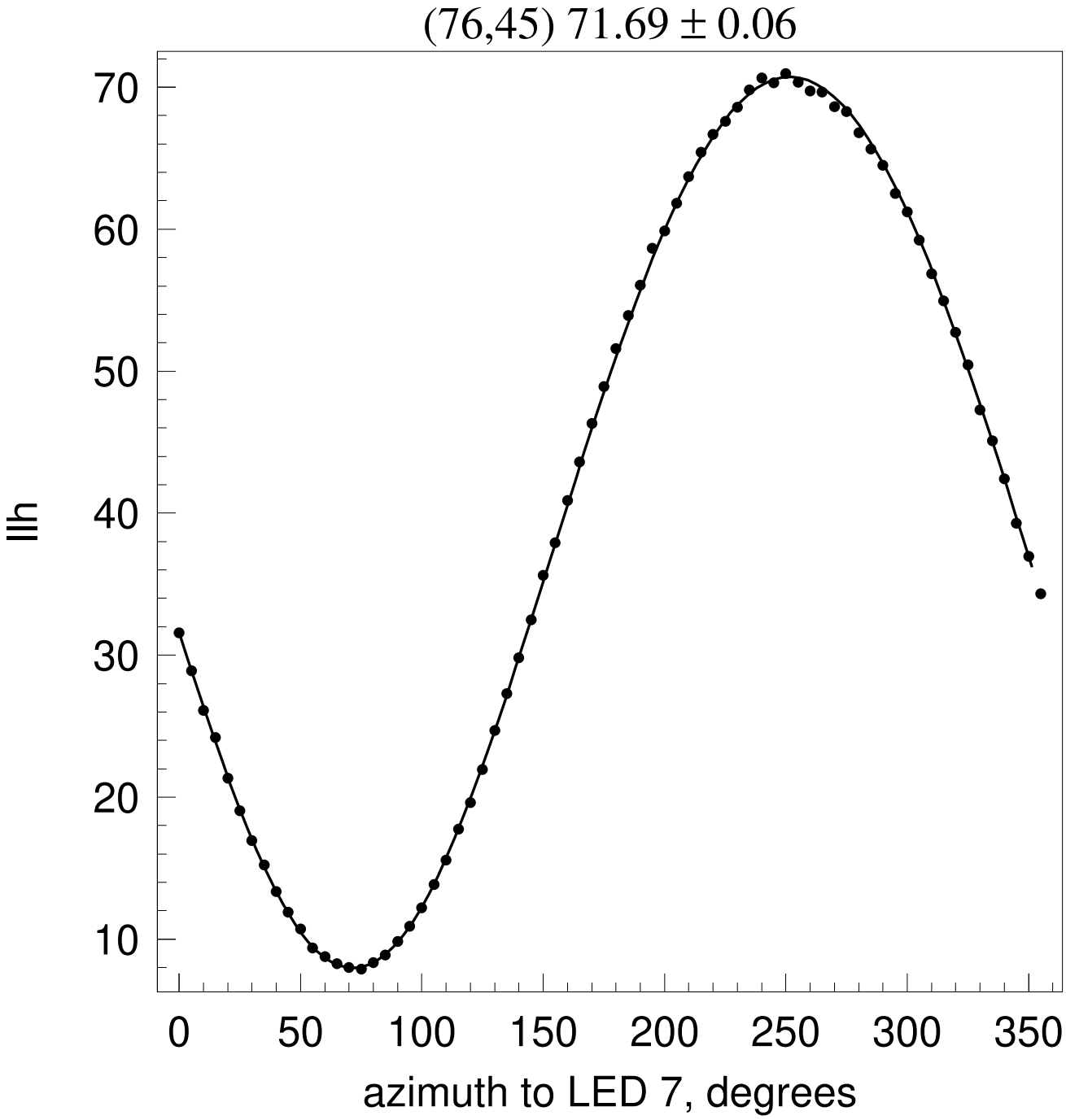

(76,40) 346.54 ± 0.08
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

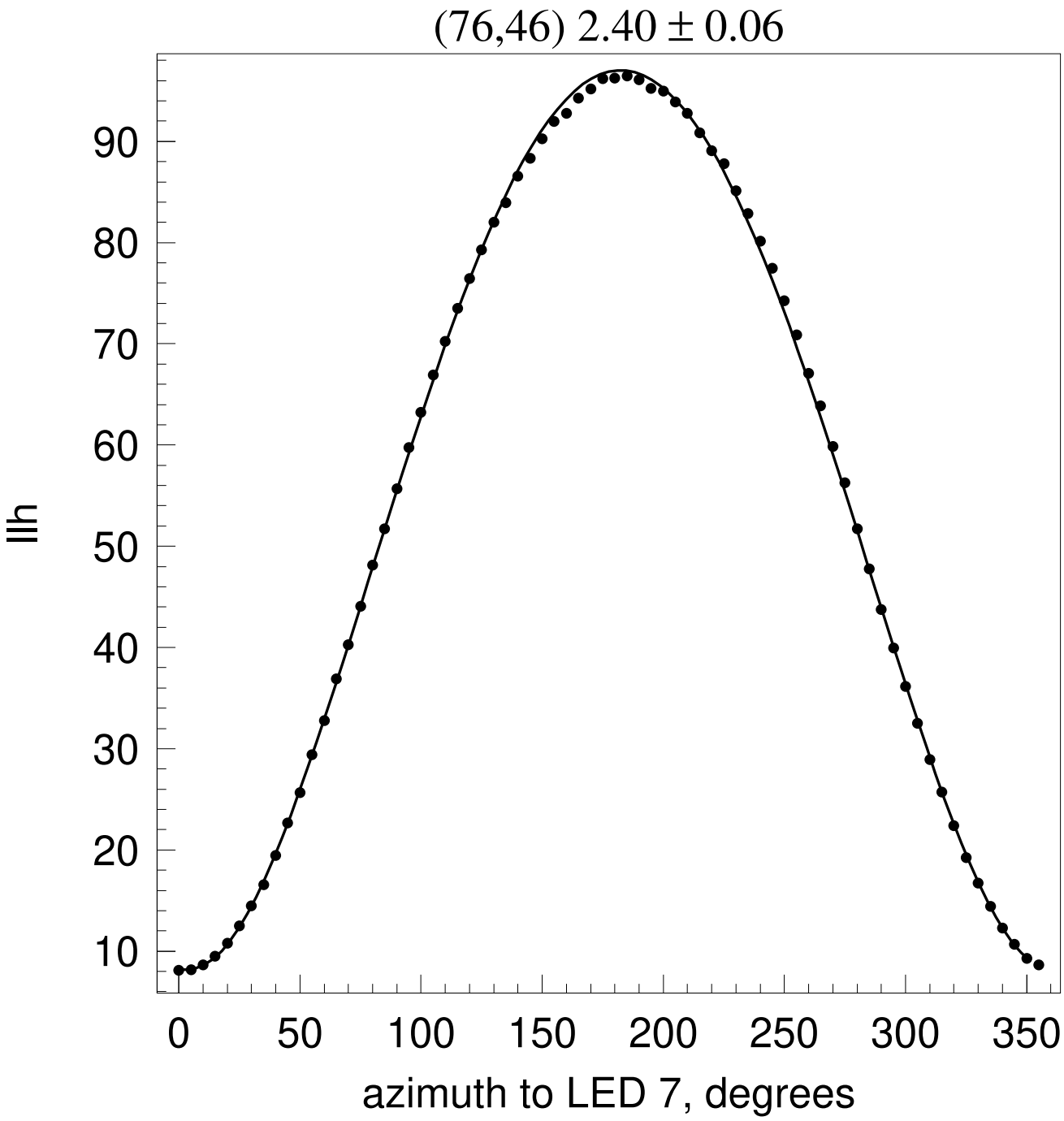

(76,41) 279.10 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

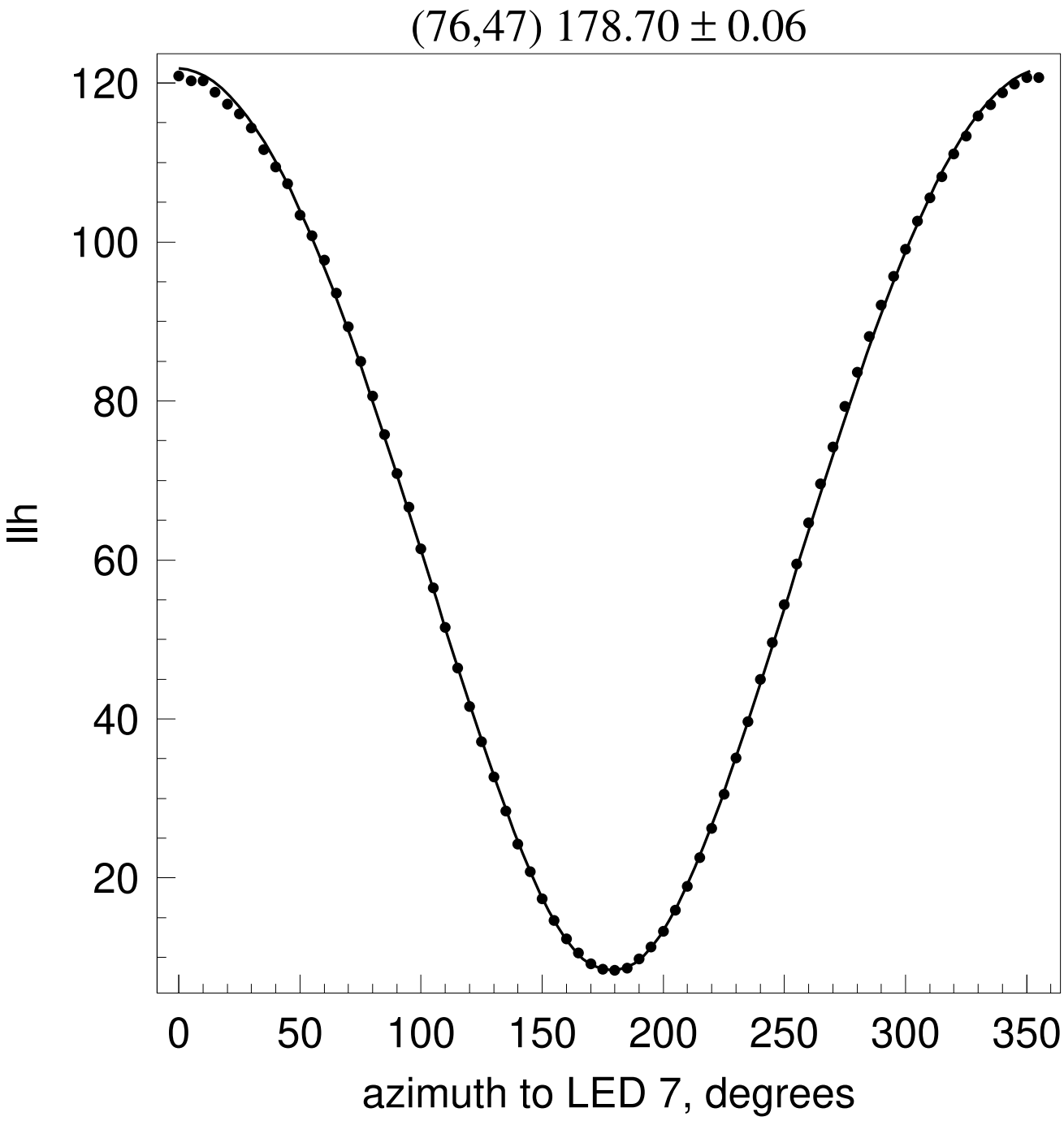

(76,42) 232.18 ± 1.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

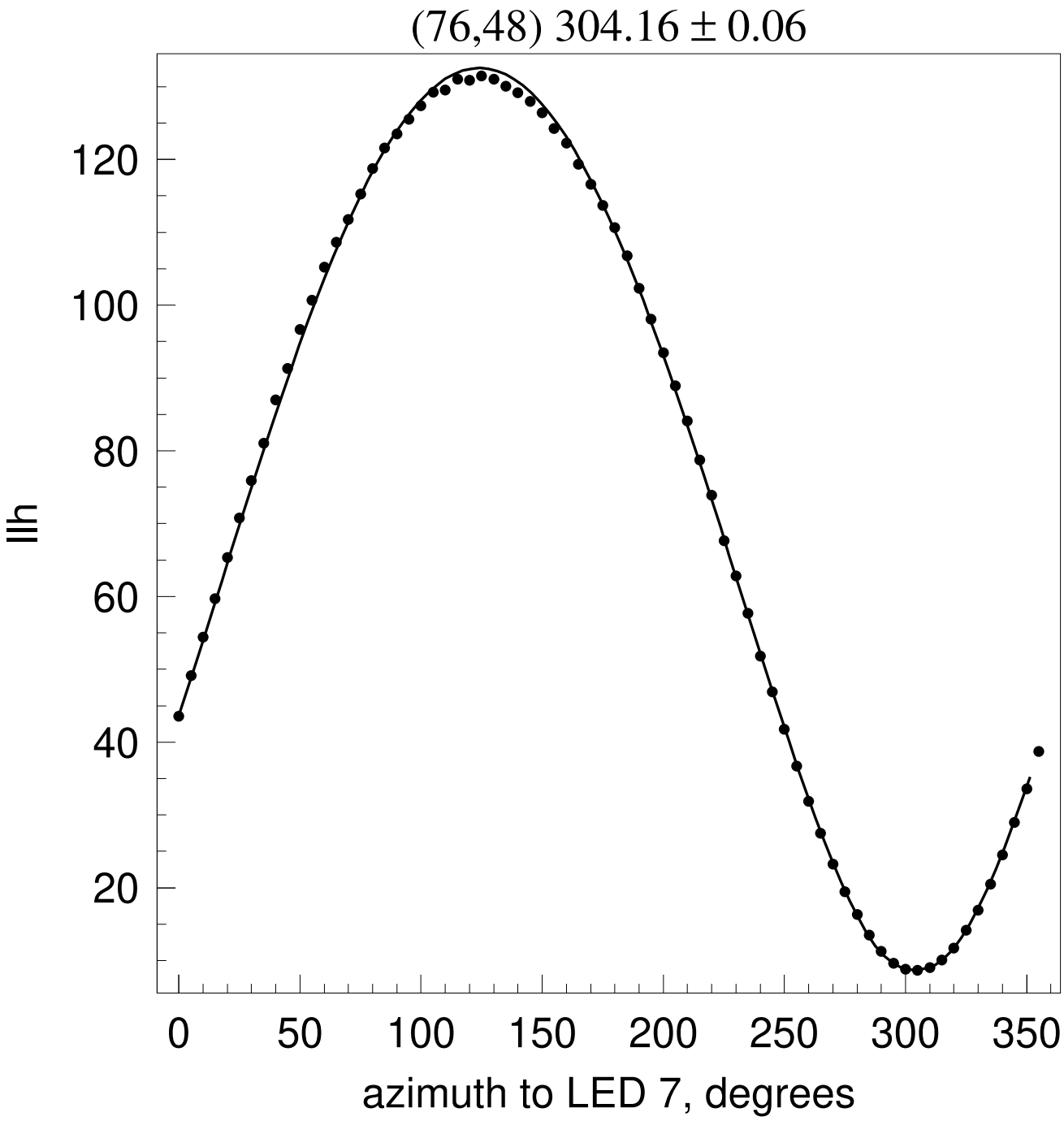

(76,43) 205.09 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

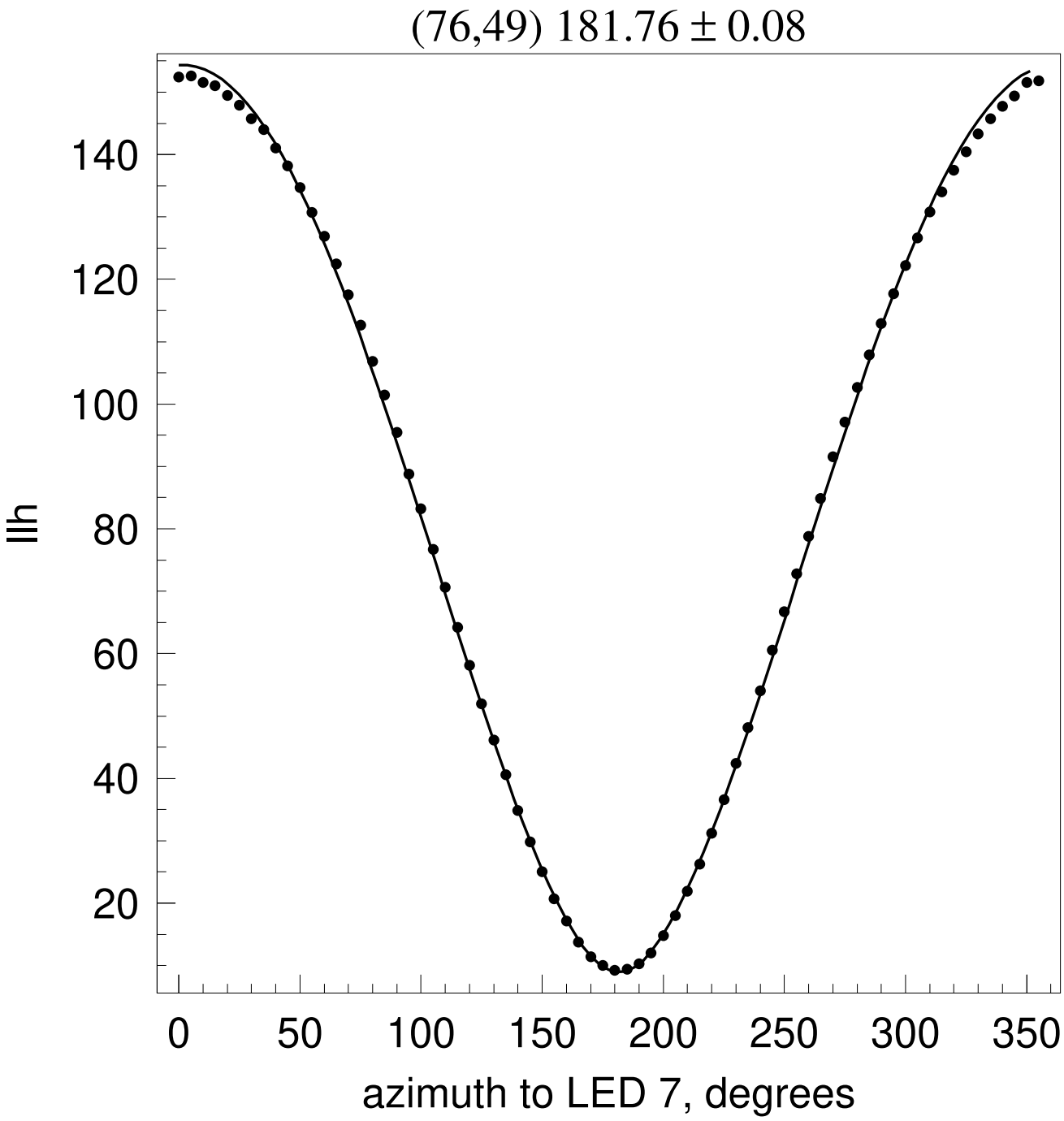

(76,44) 29.71 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

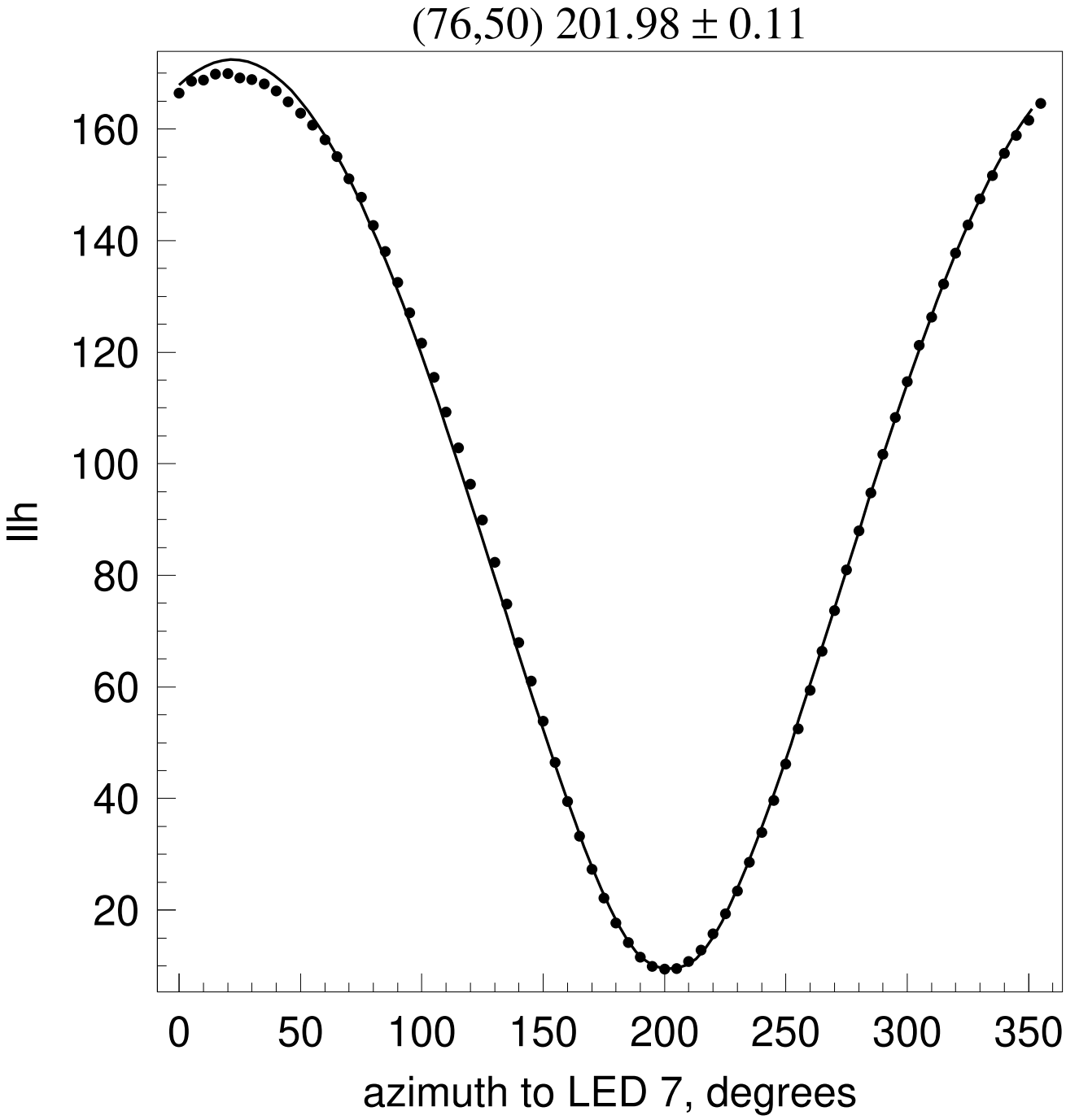

(76,45) 71.69 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

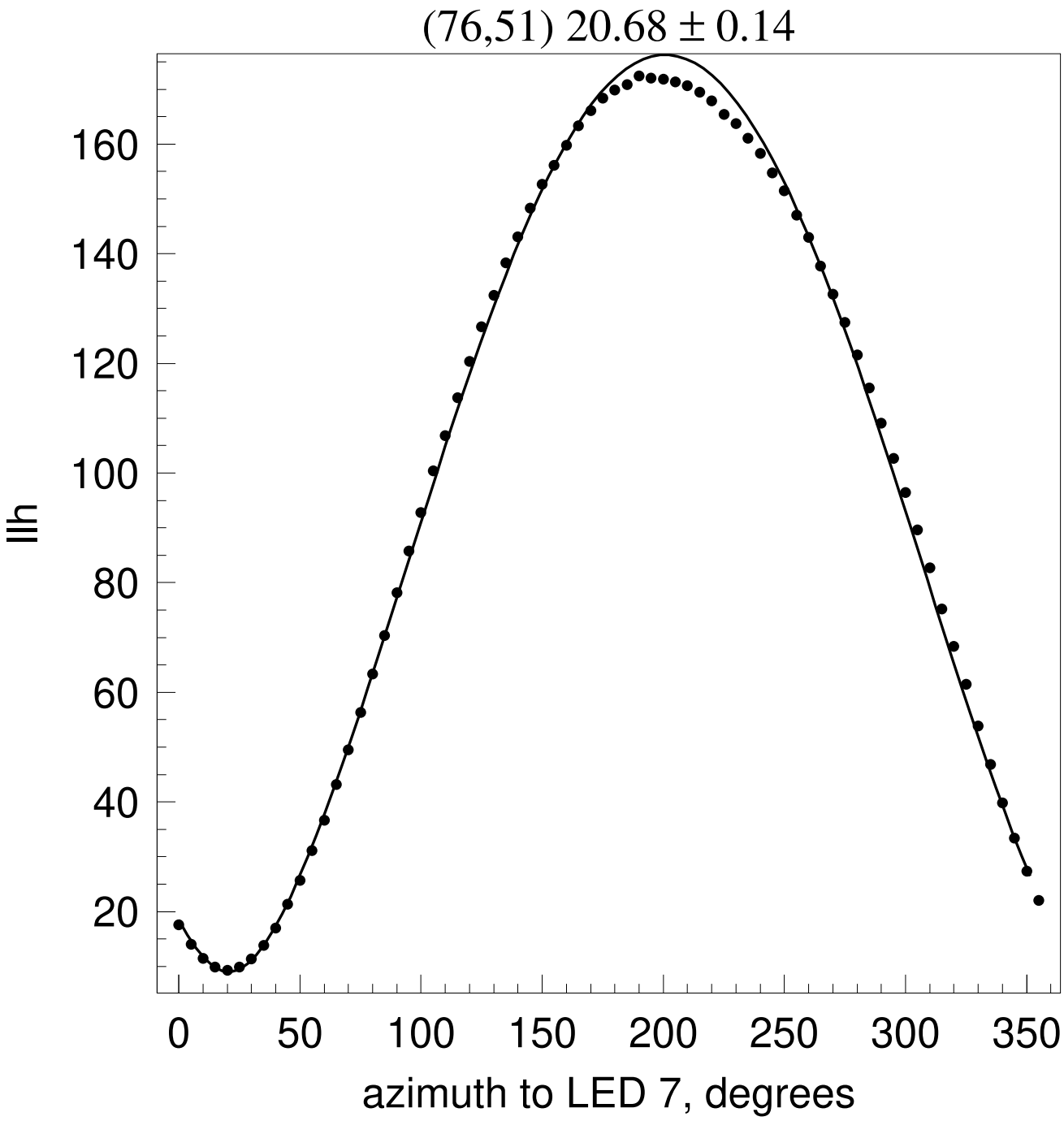

(76,46) 2.40 ± 0.06
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

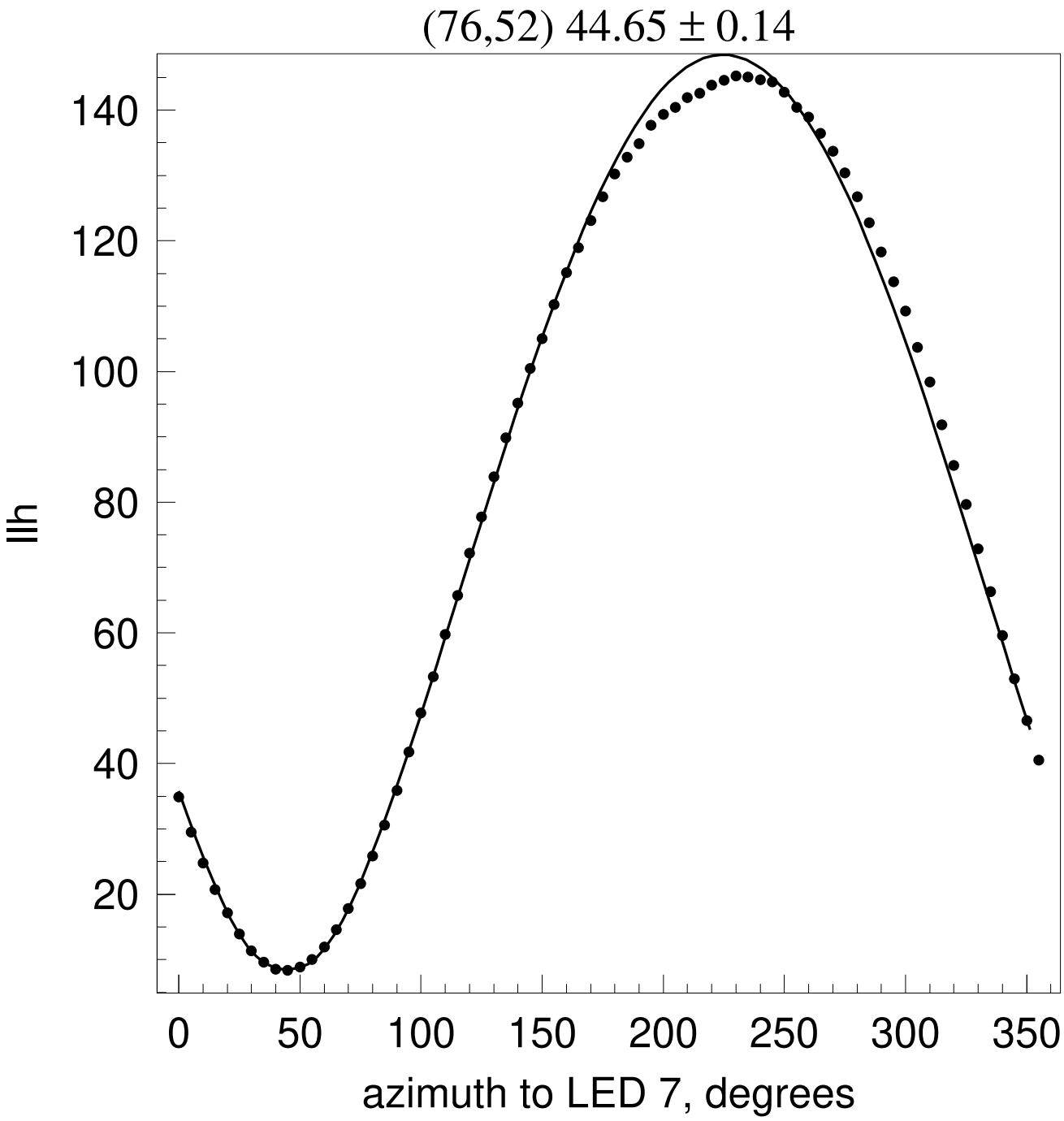

(76,47) 178.70 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

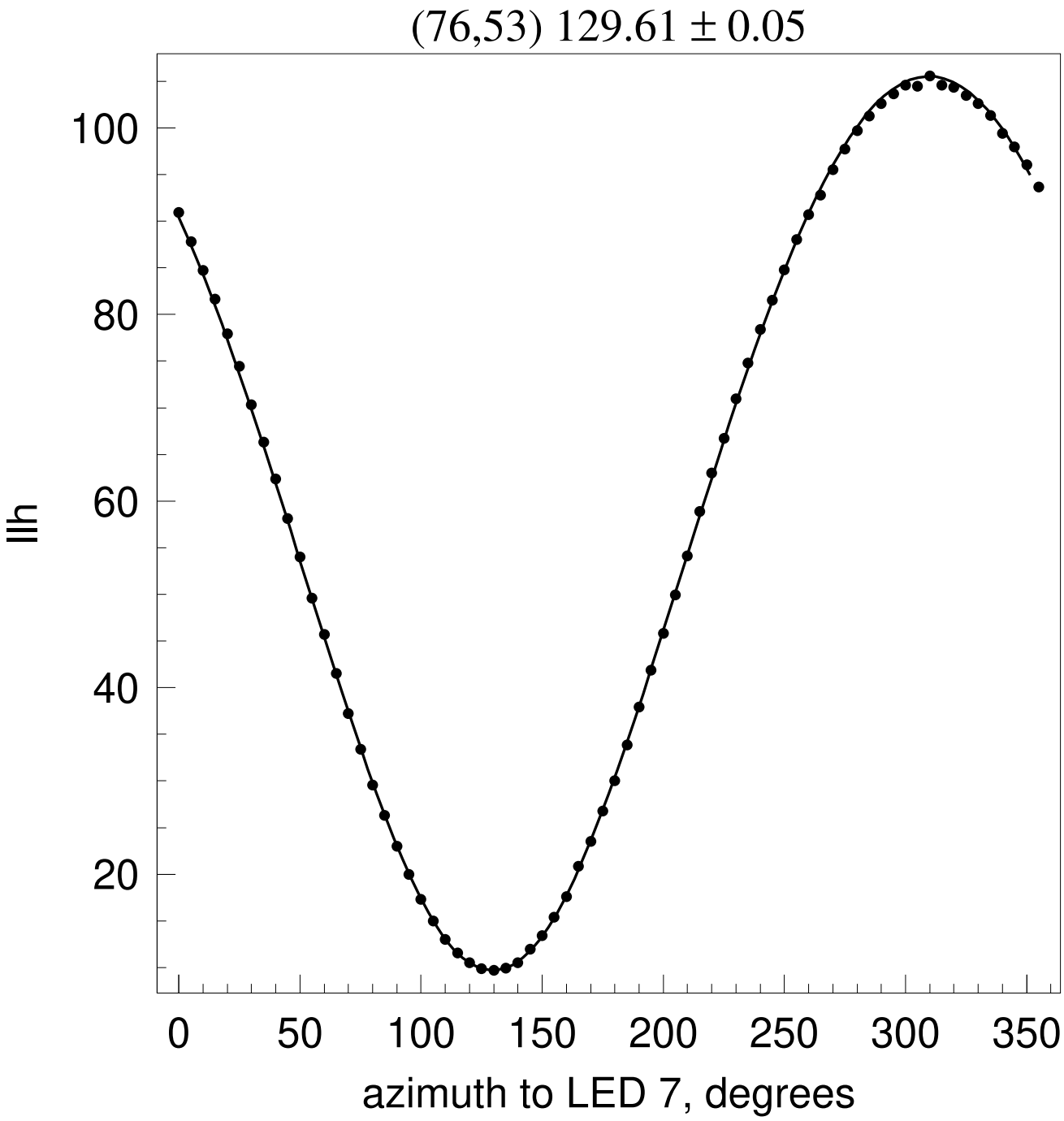

(76,48) 304.16 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

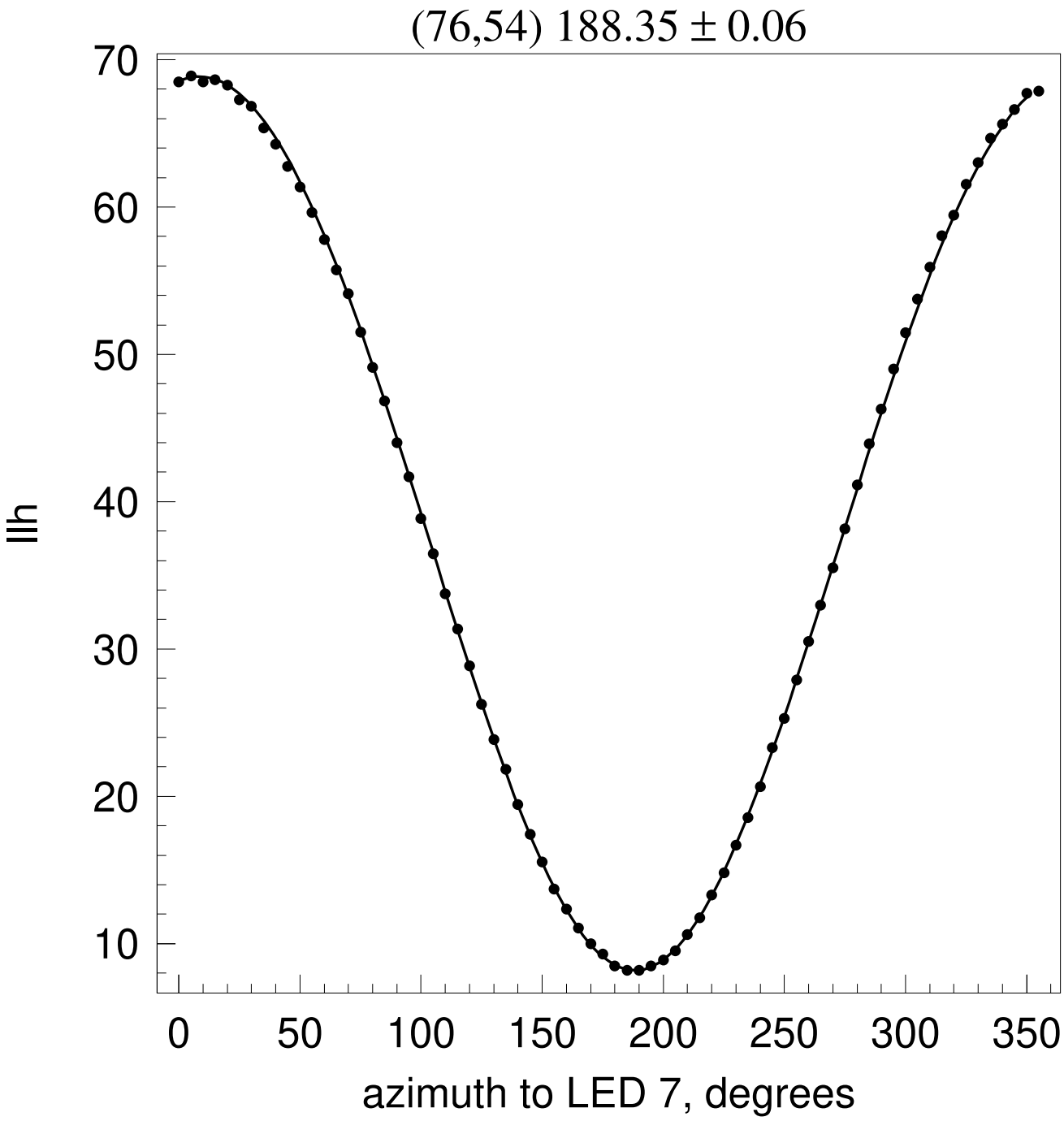

(76,49) 181.76 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

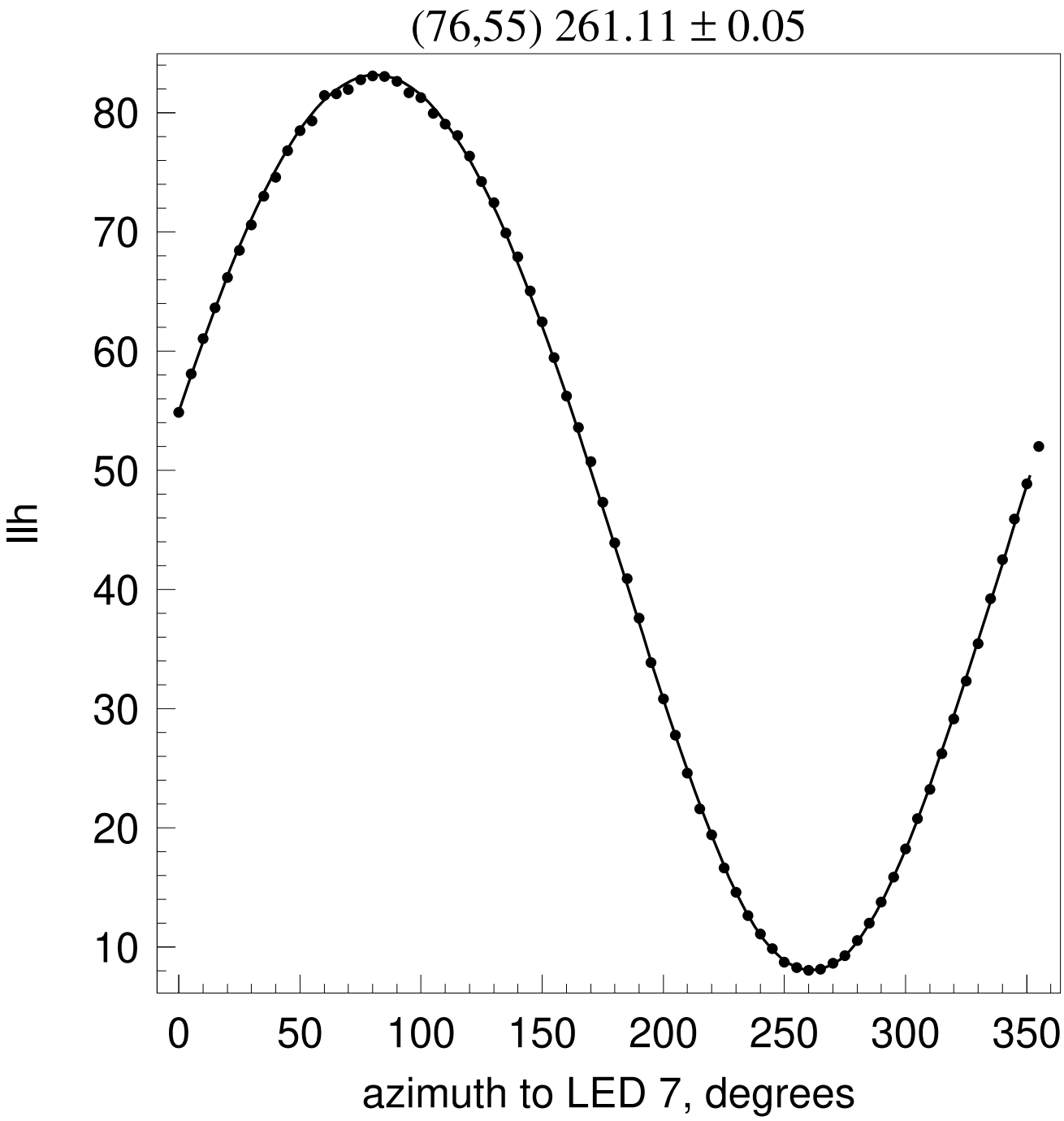

(76,50) 201.98 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

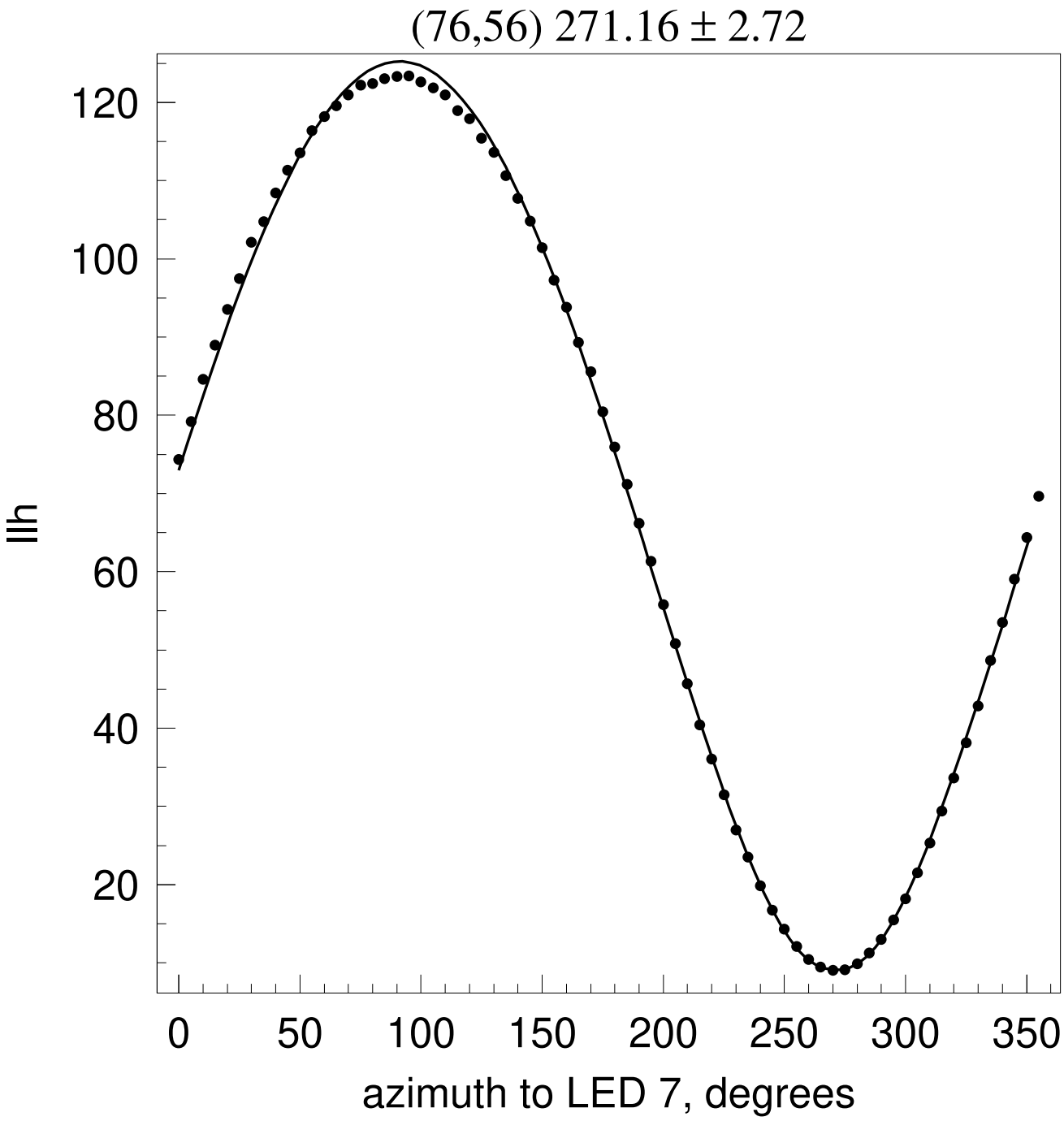

(76,51) 20.68 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

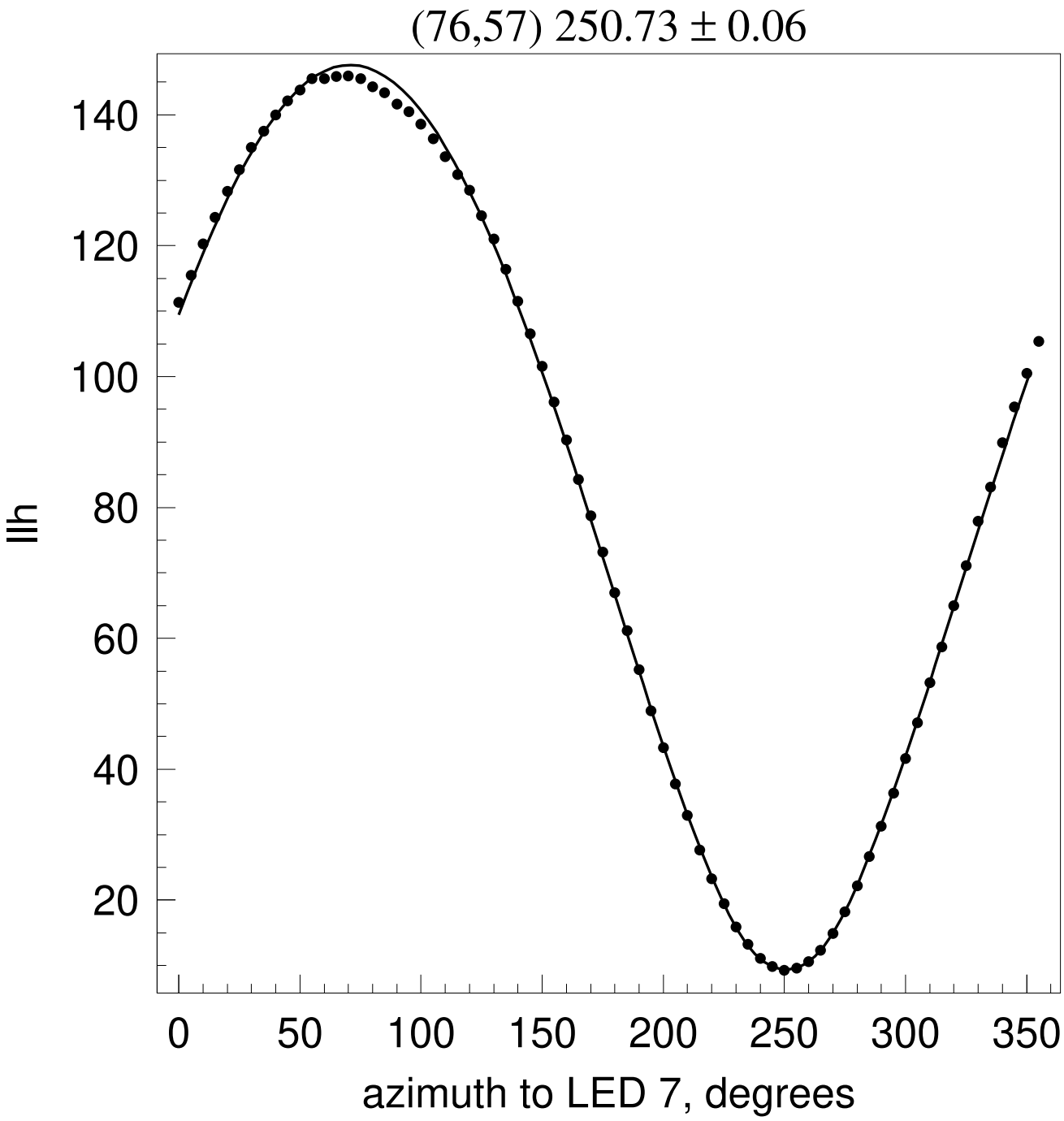

(76,52) 44.65 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

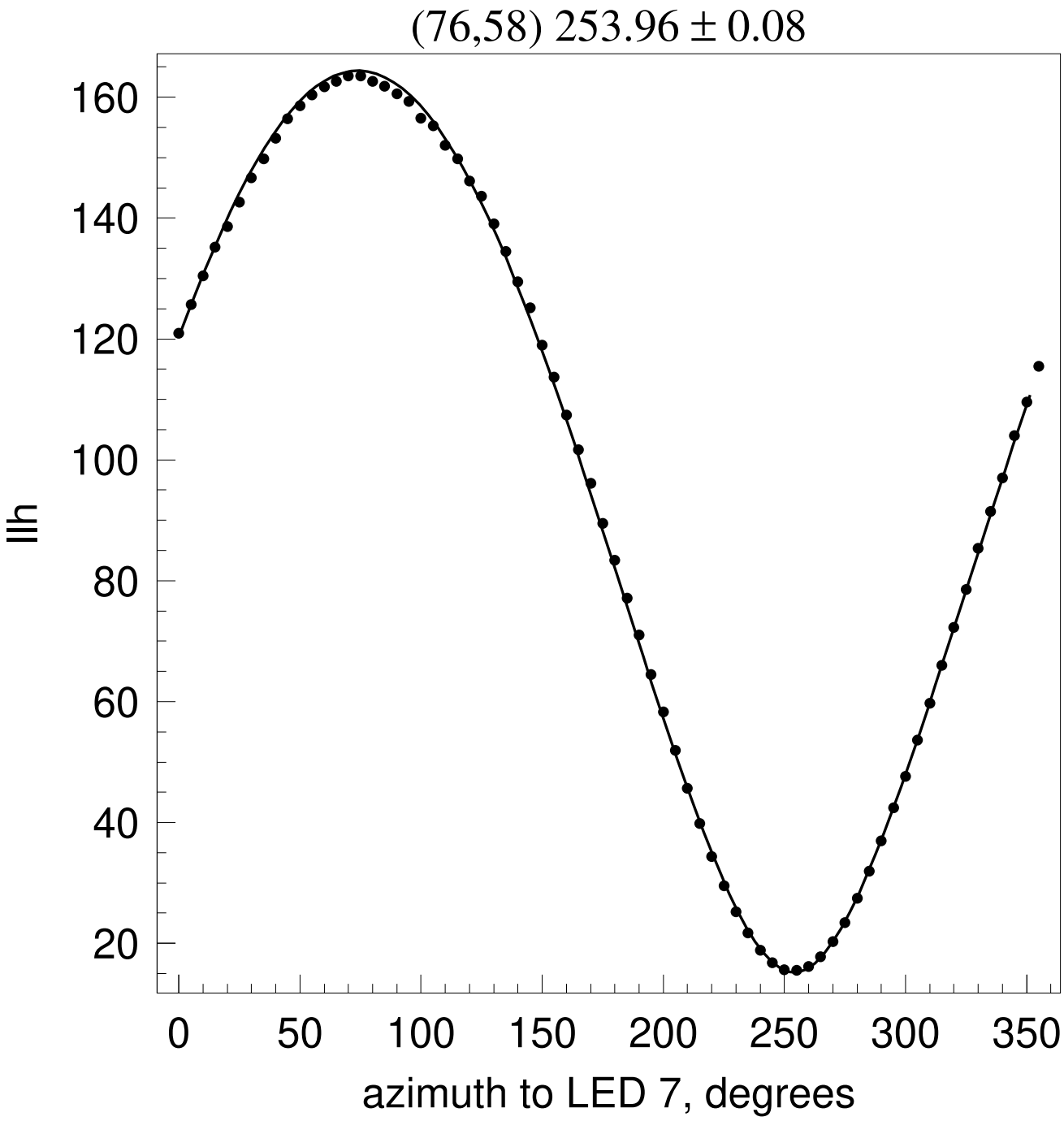

(76,53) 129.61 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

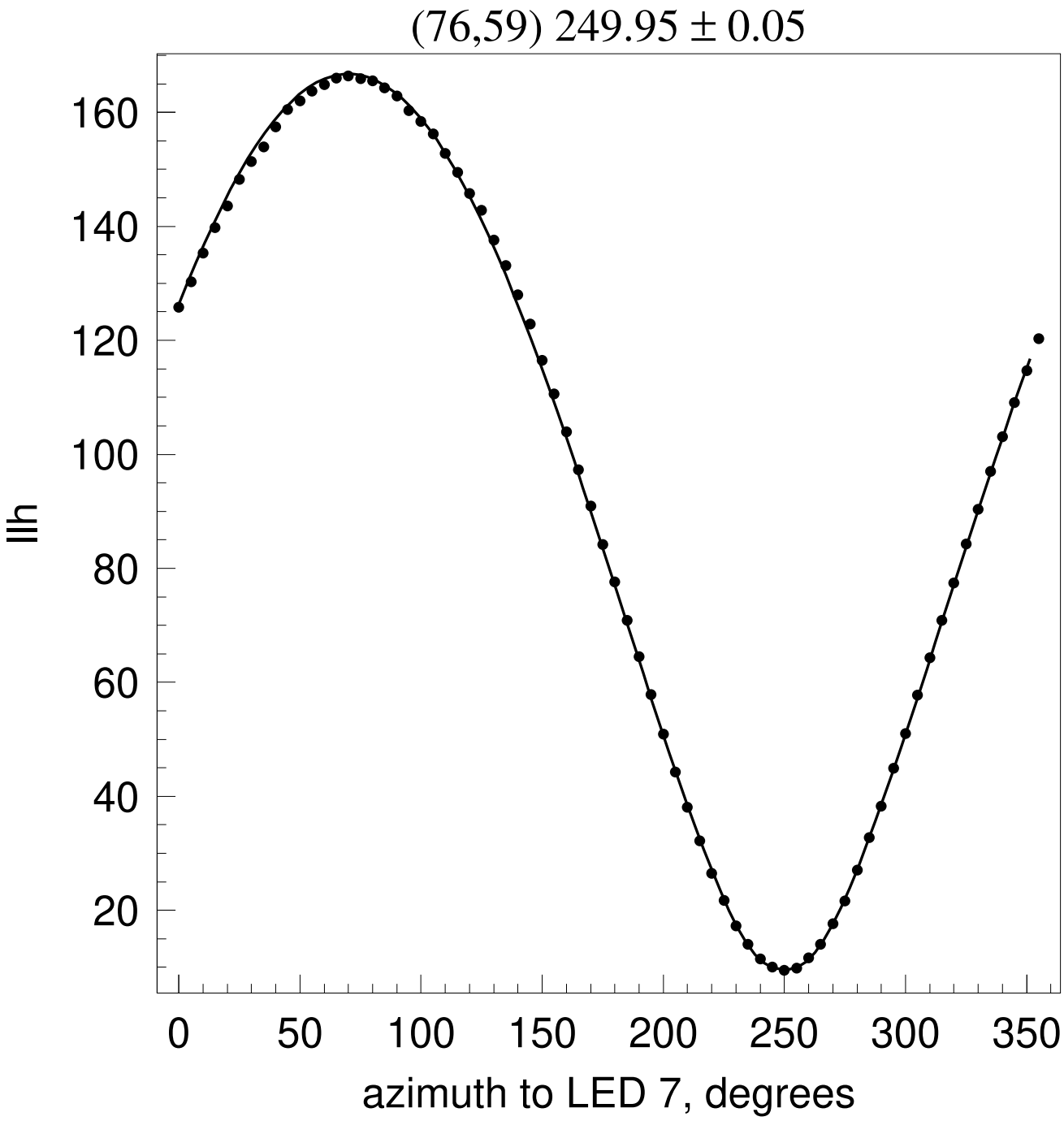

(76,54) 188.35 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

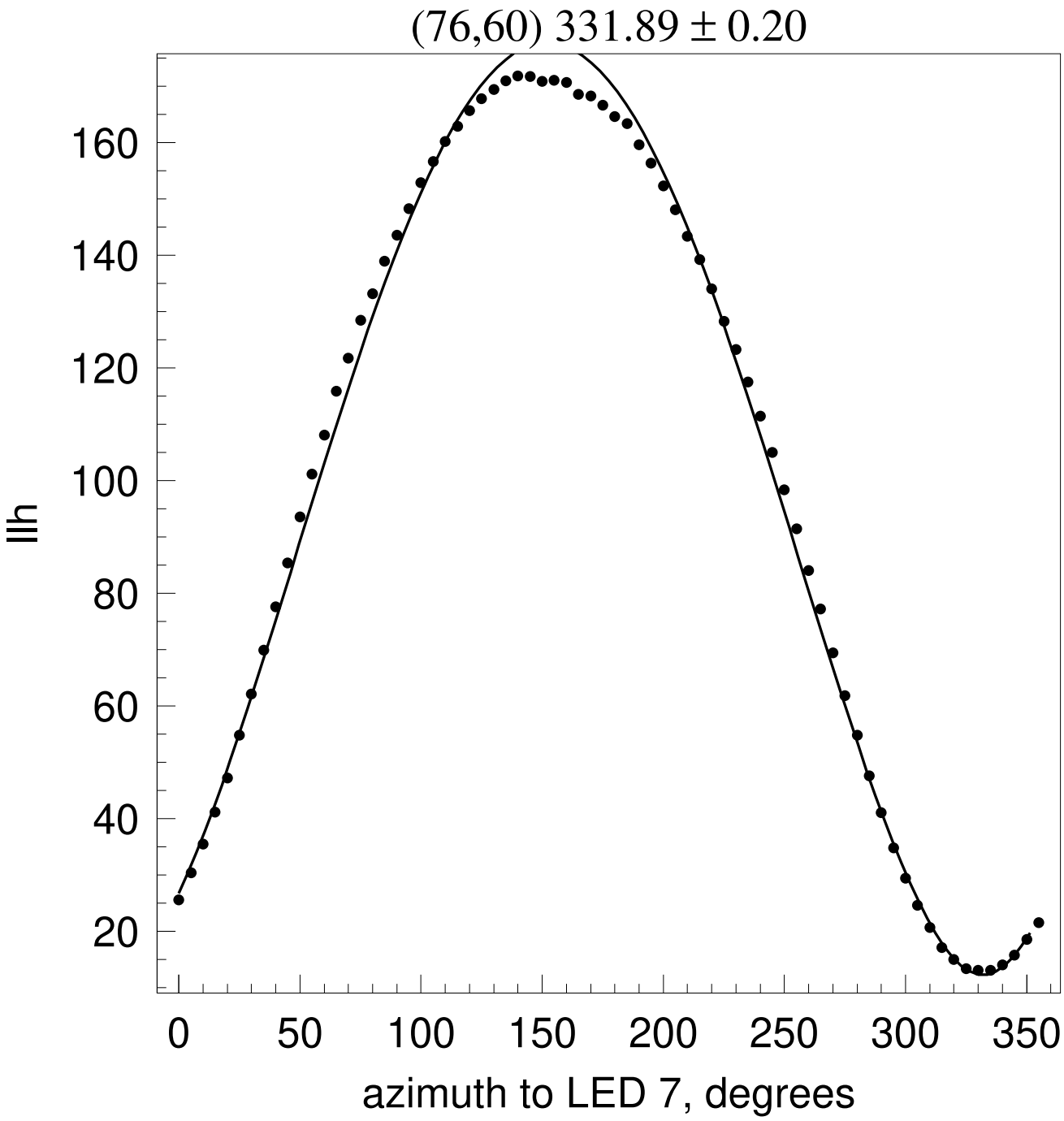

(76,55) 261.11 ± 0.05
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

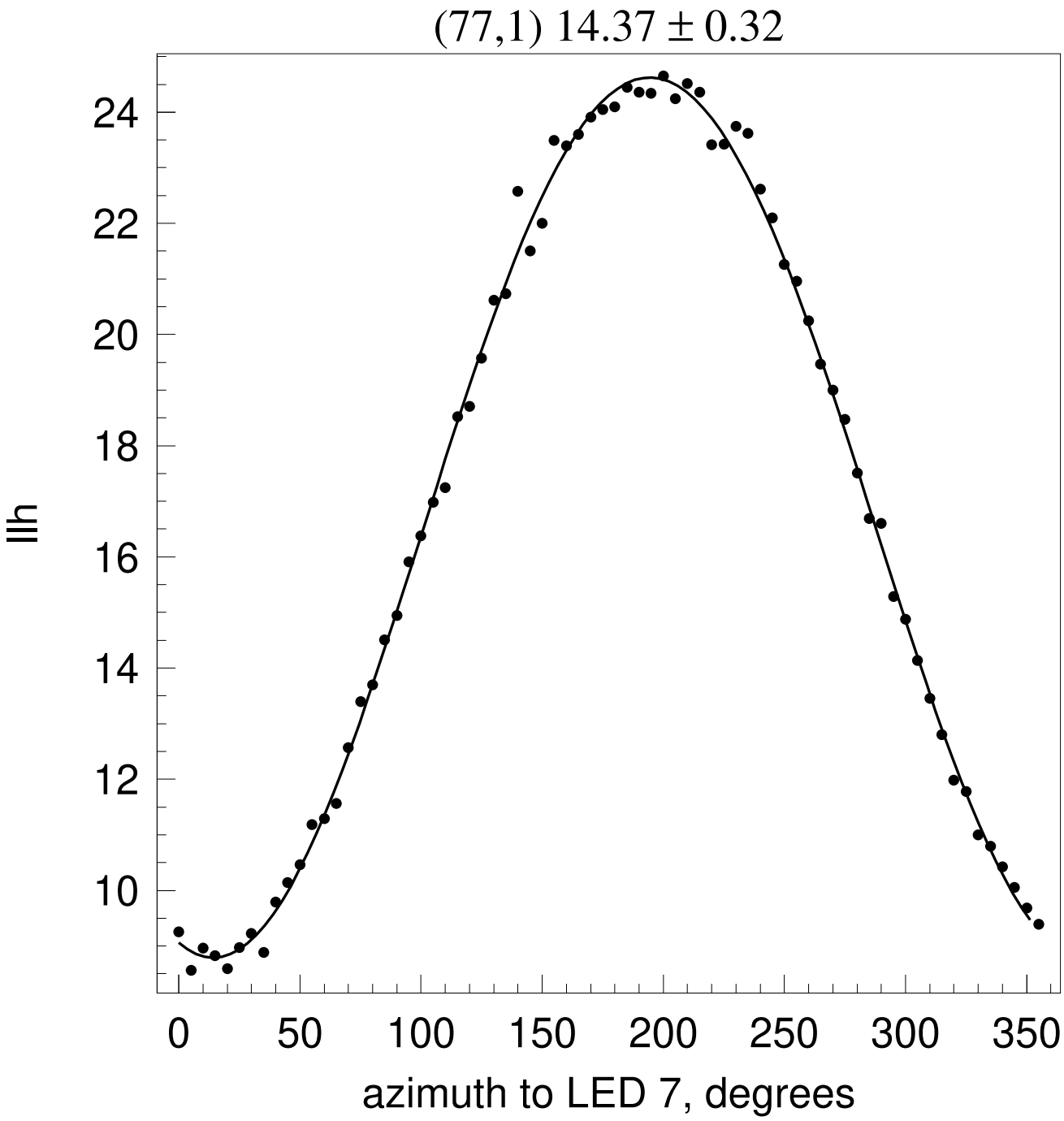

(76,56) 271.16 ± 2.72
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

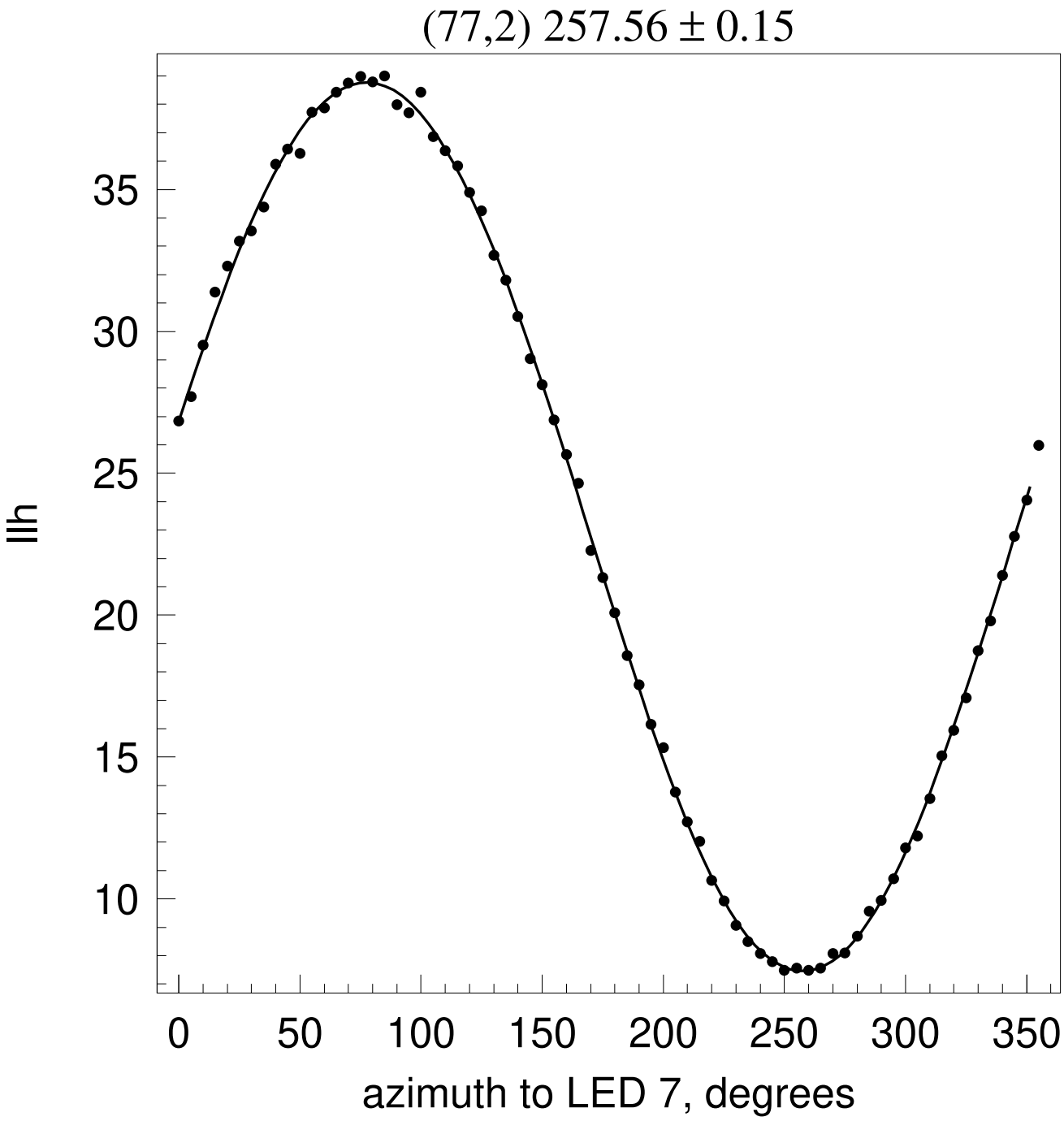

(76,57) 250.73 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

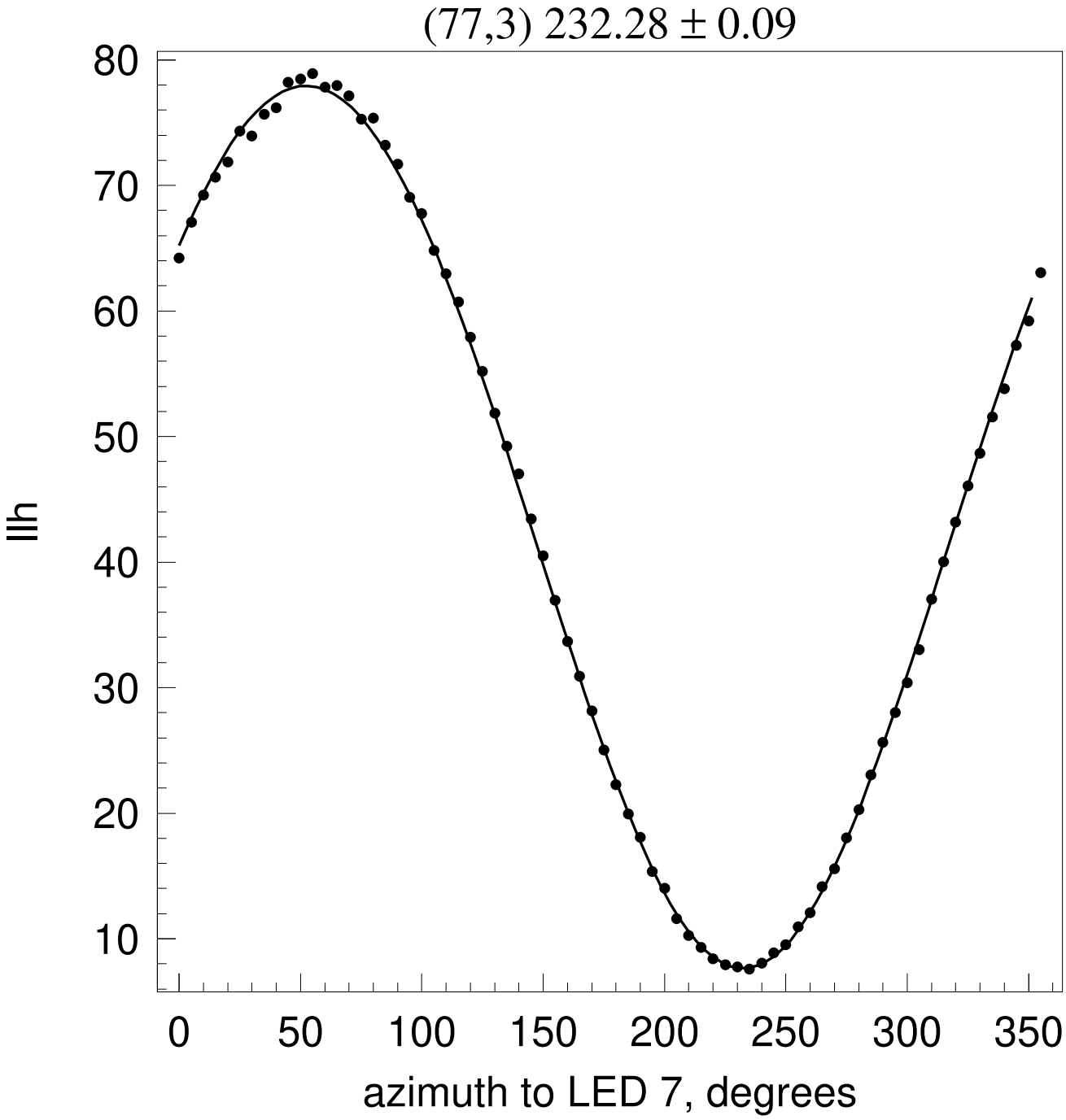

(76,58) 253.96 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

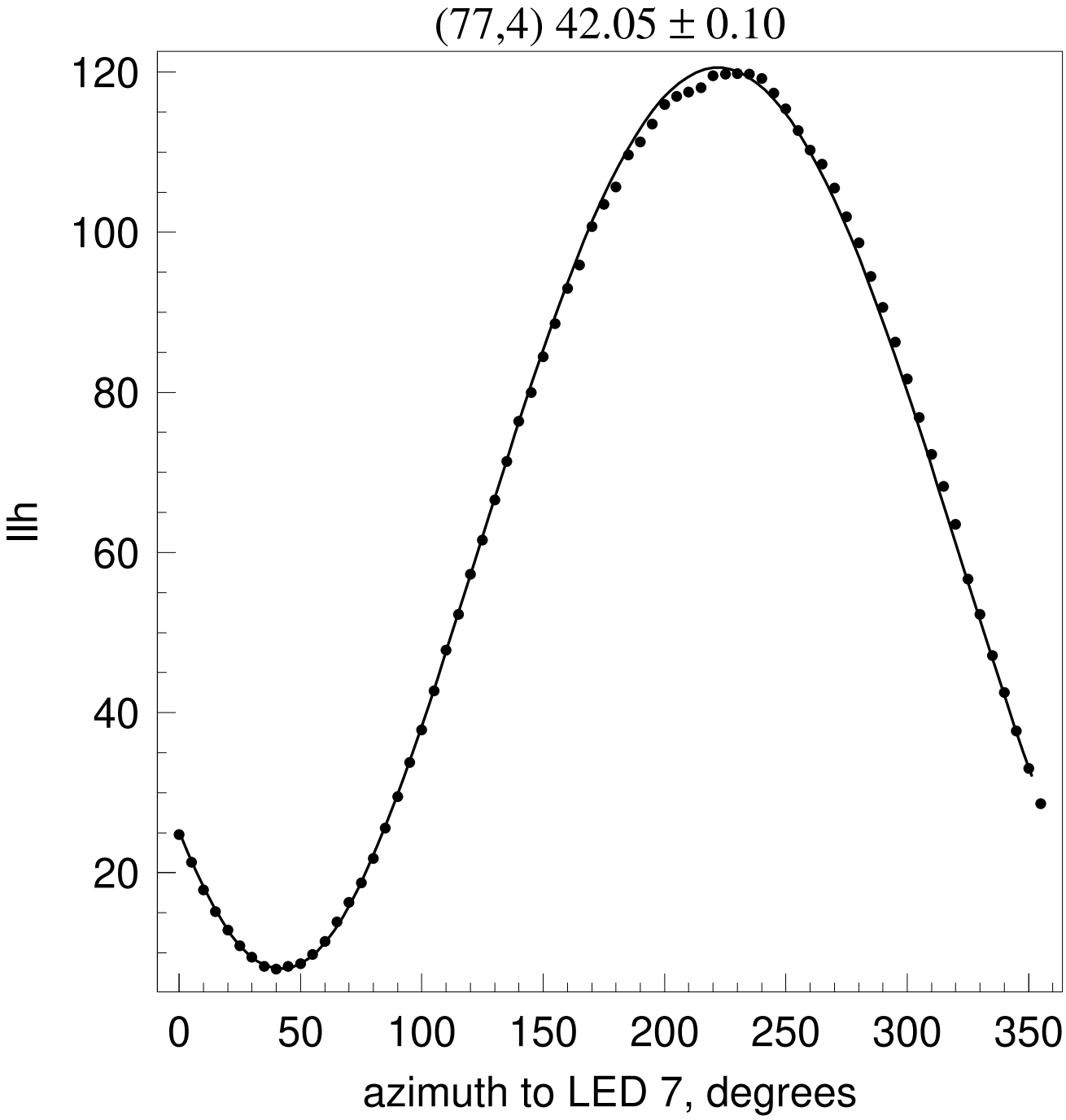

(76,59) 249.95 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

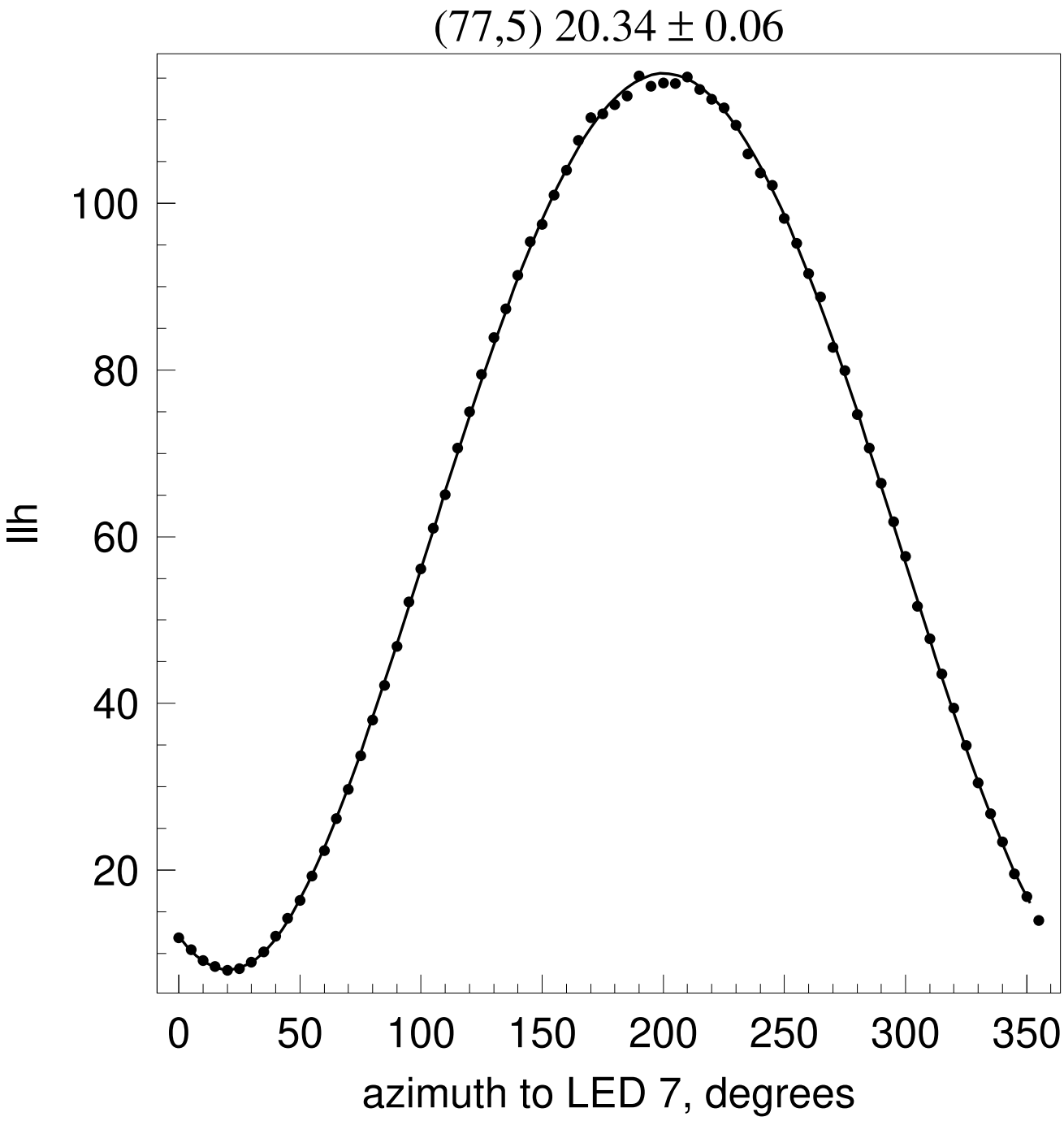

(76,60) 331.89 ± 0.20
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

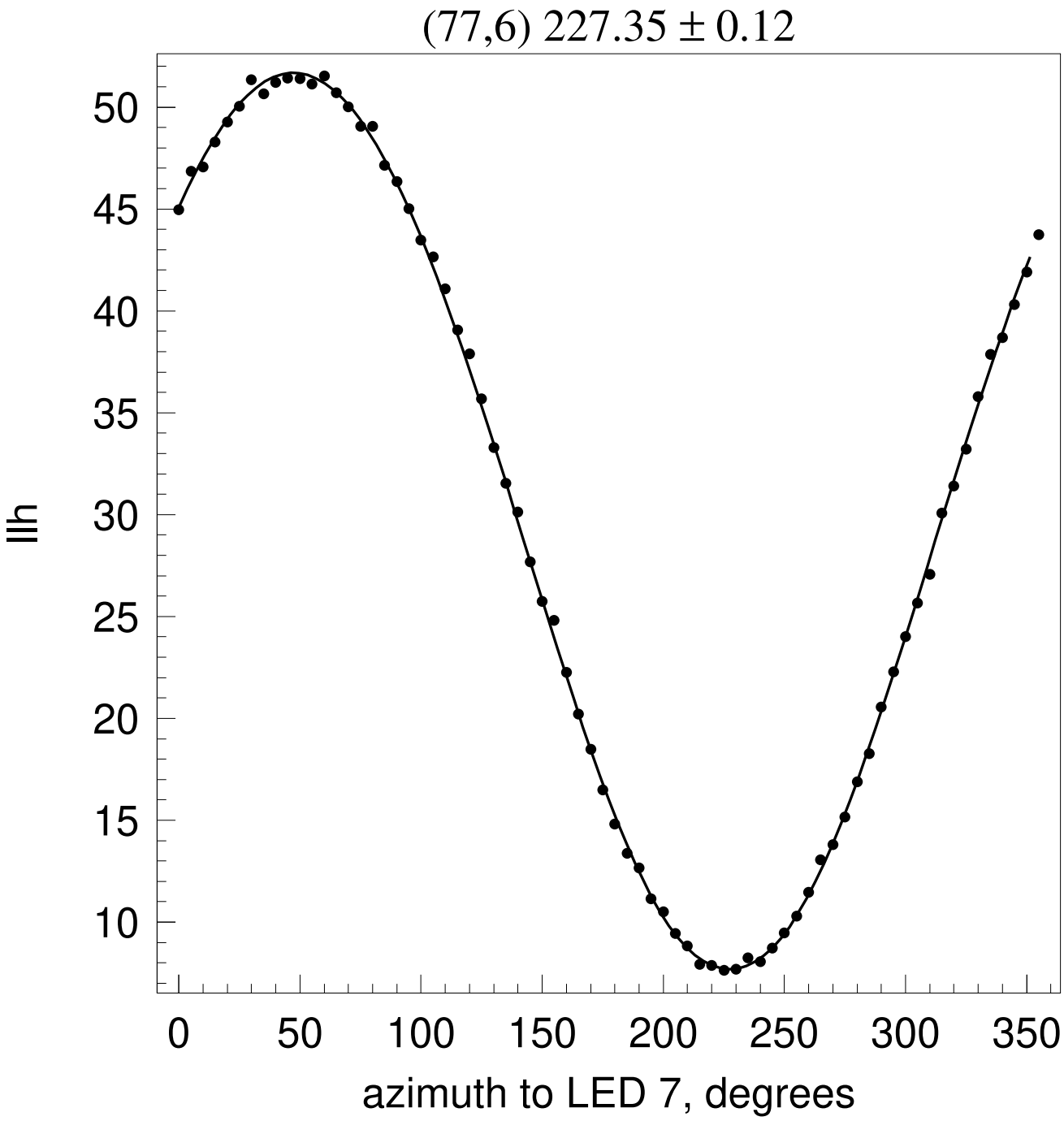

(77,1) 14.37 ± 0.32
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

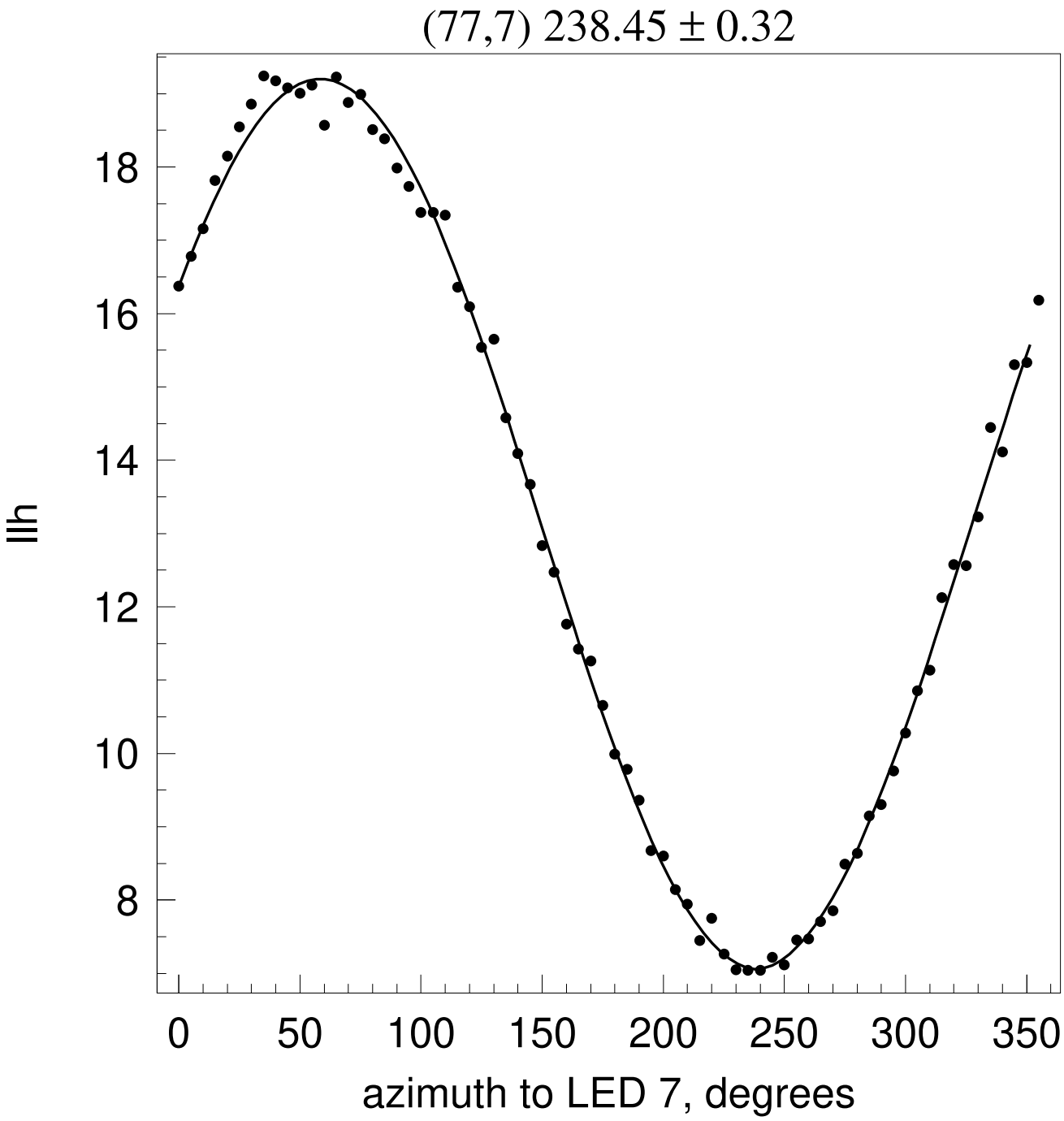

(77,2) 257.56 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

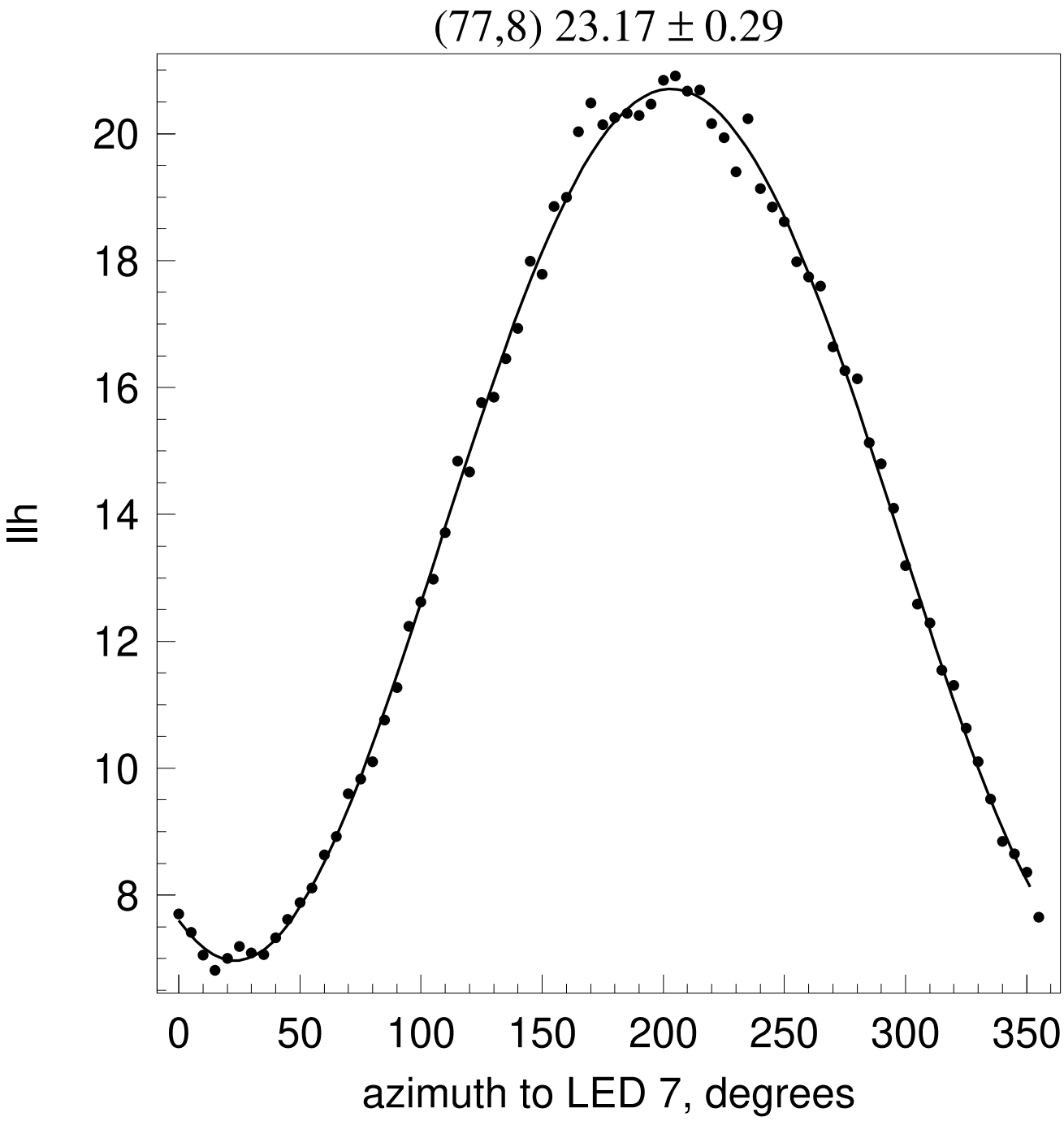

(77,3) 232.28 ± 0.09
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

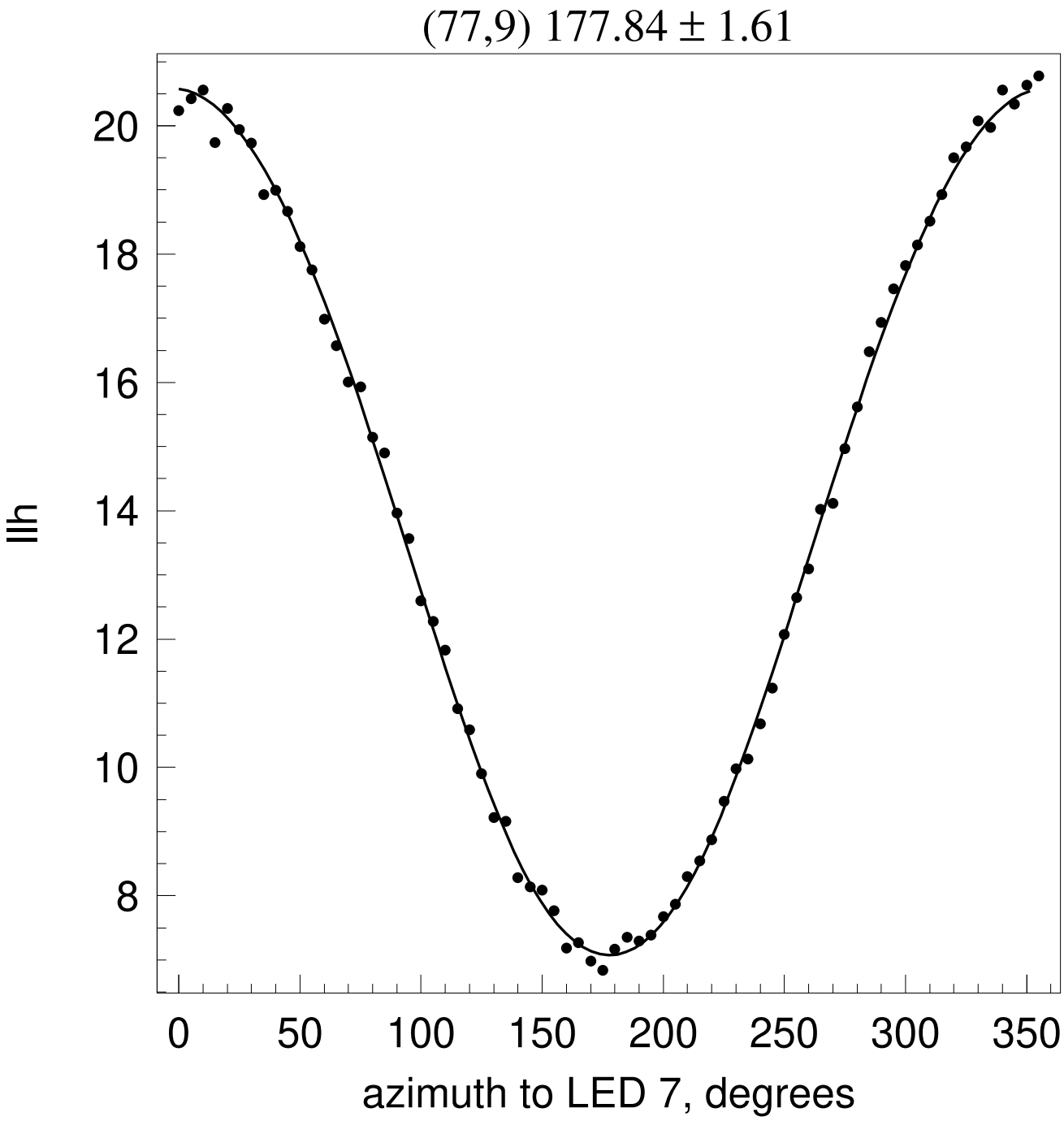

(77,4) 42.05 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

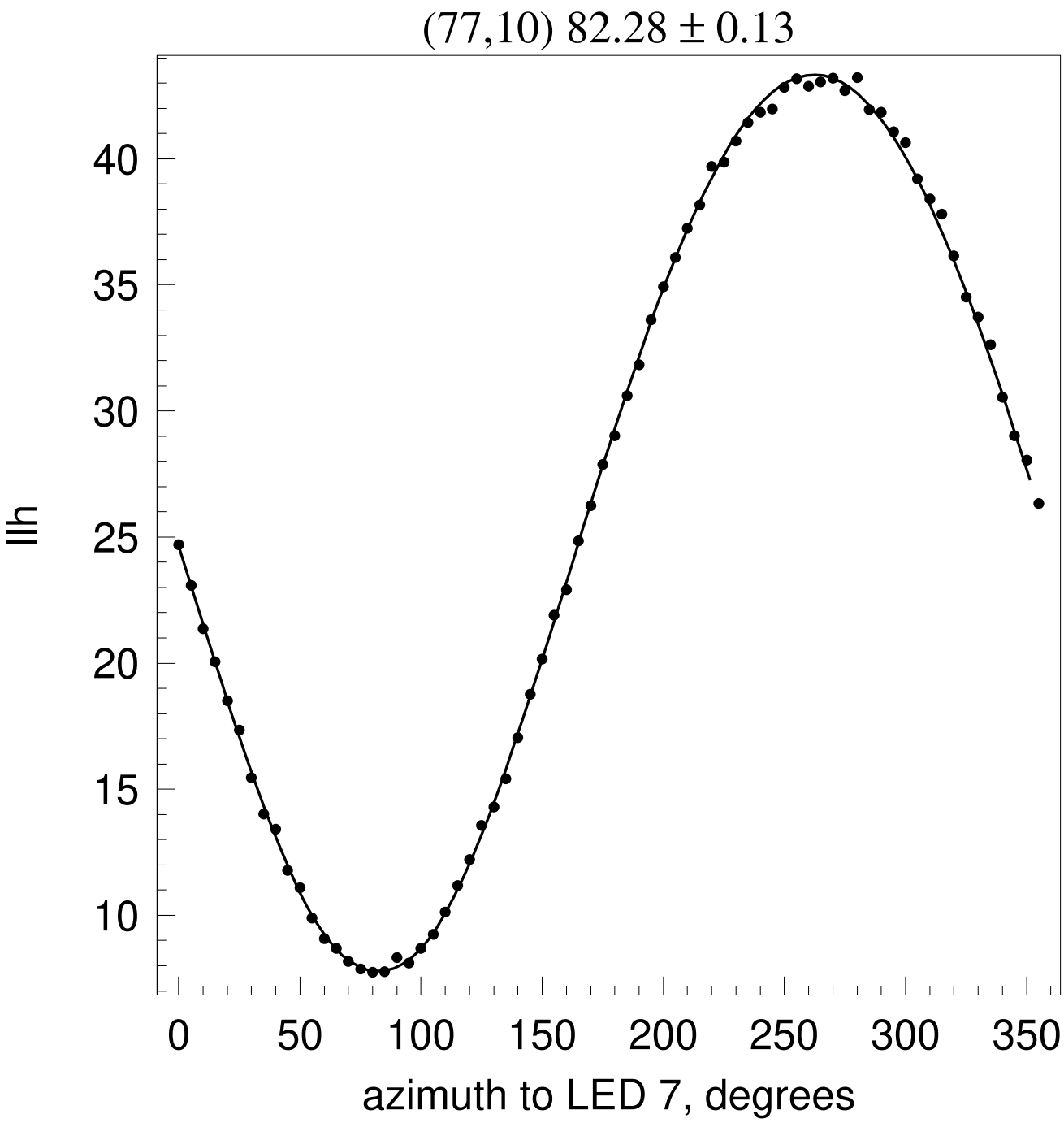

(77,5) 20.34 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

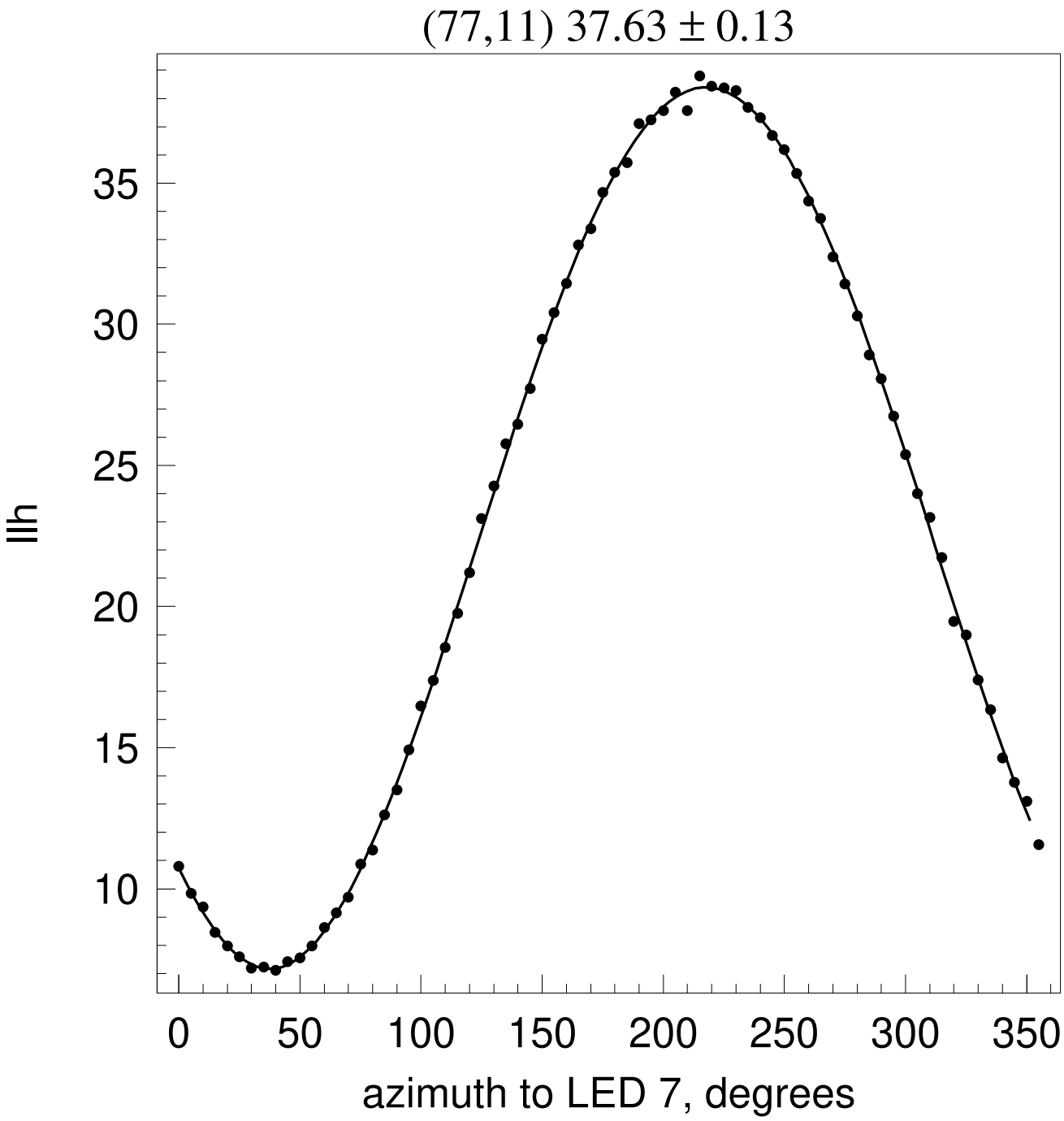

(77,6) 227.35 ± 0.12
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

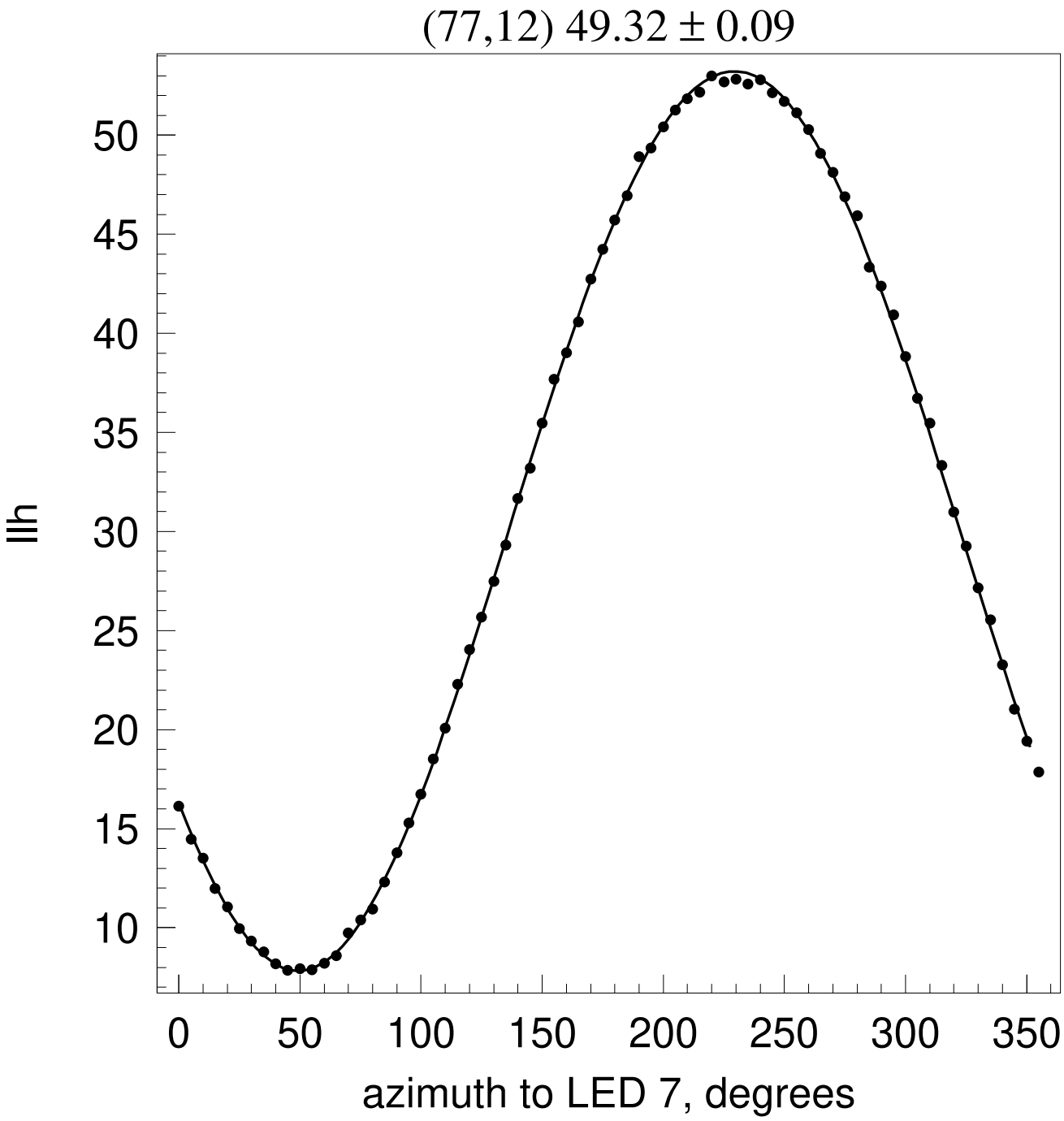

(77,7) 238.45 ± 0.32
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

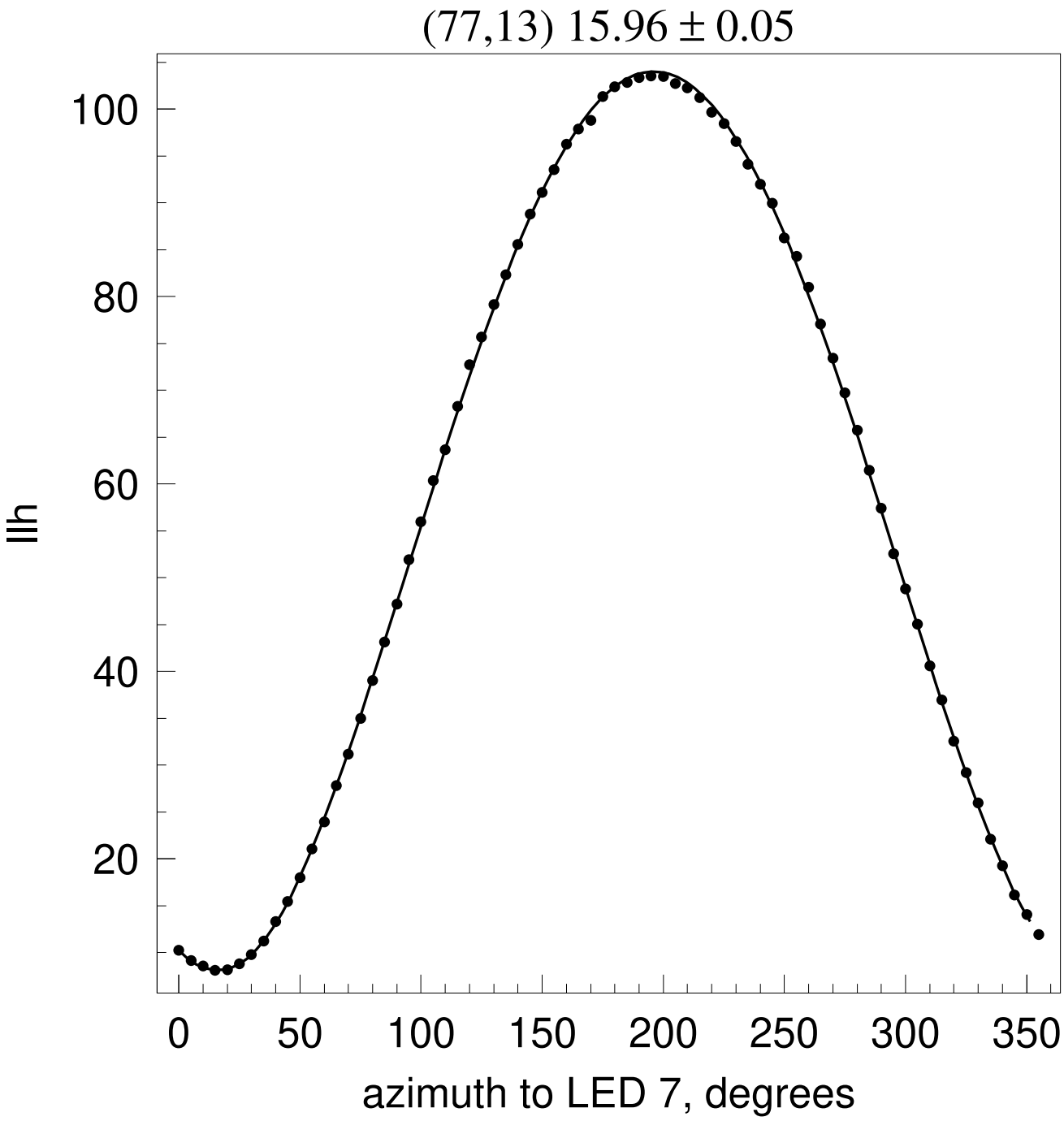

(77,8) 23.17 ± 0.29
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

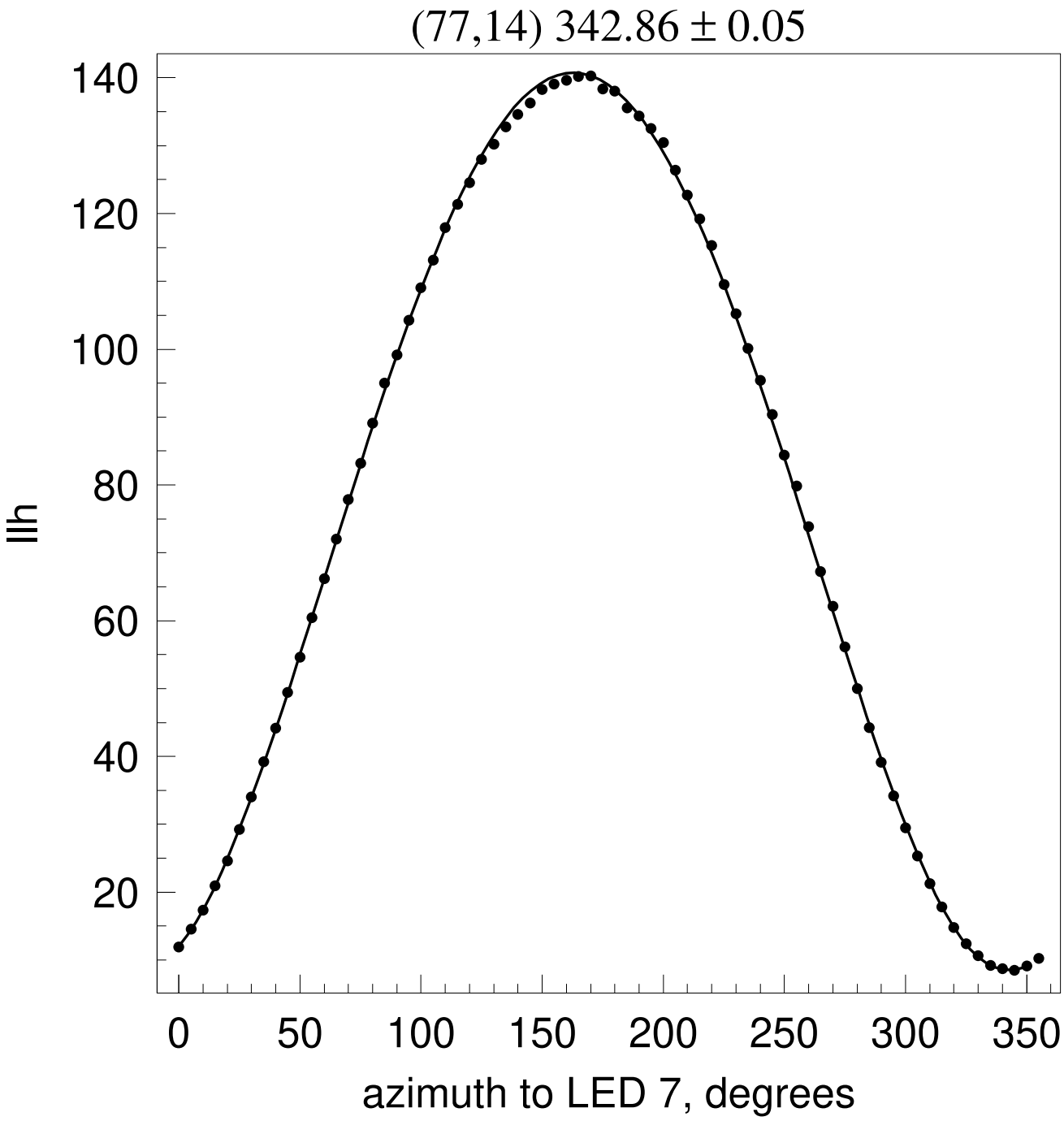

(77,9) 177.84 ± 1.61
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

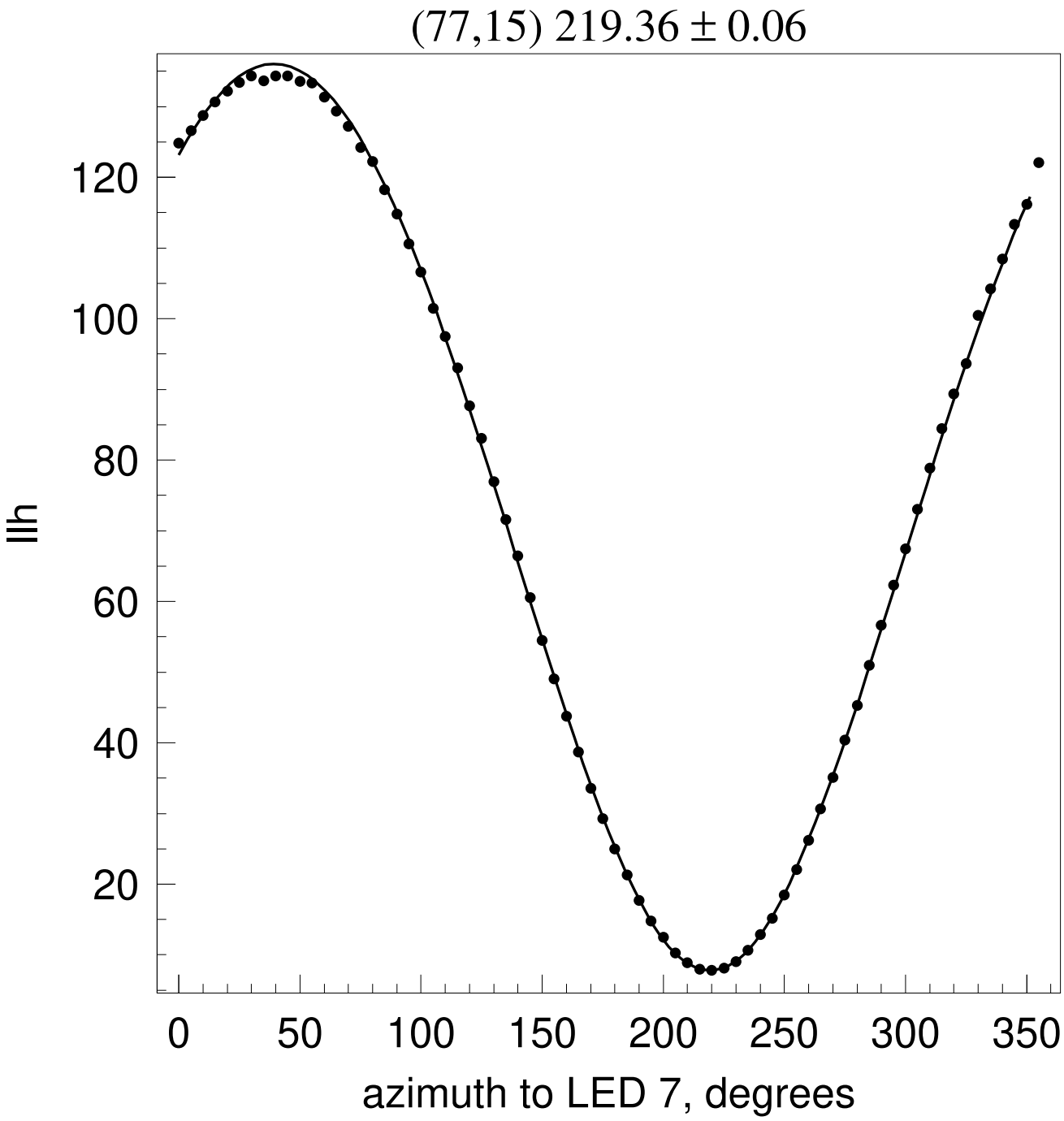

(77,10) 82.28 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

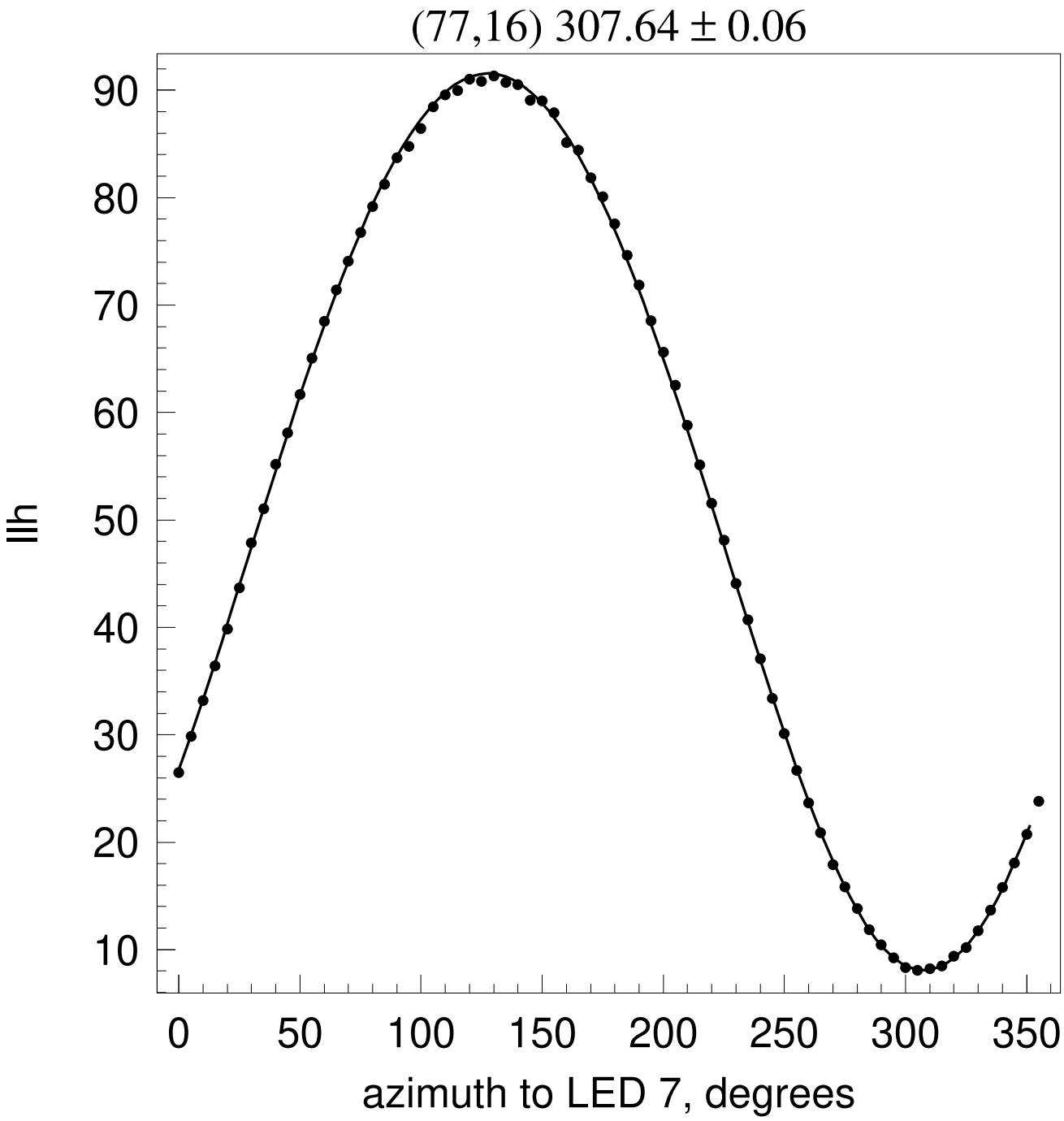

(77,11) 37.63 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

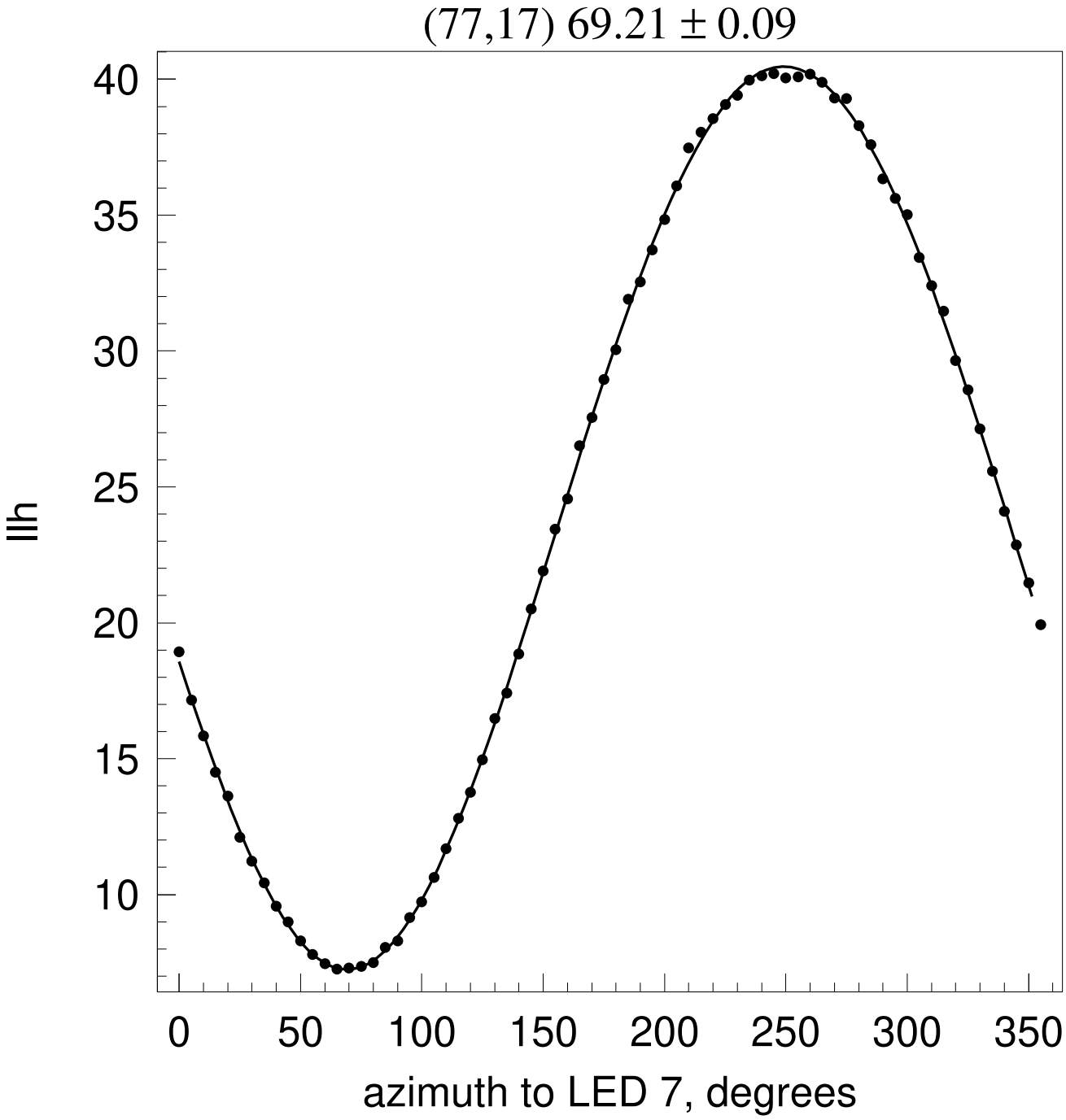

(77,12) 49.32 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

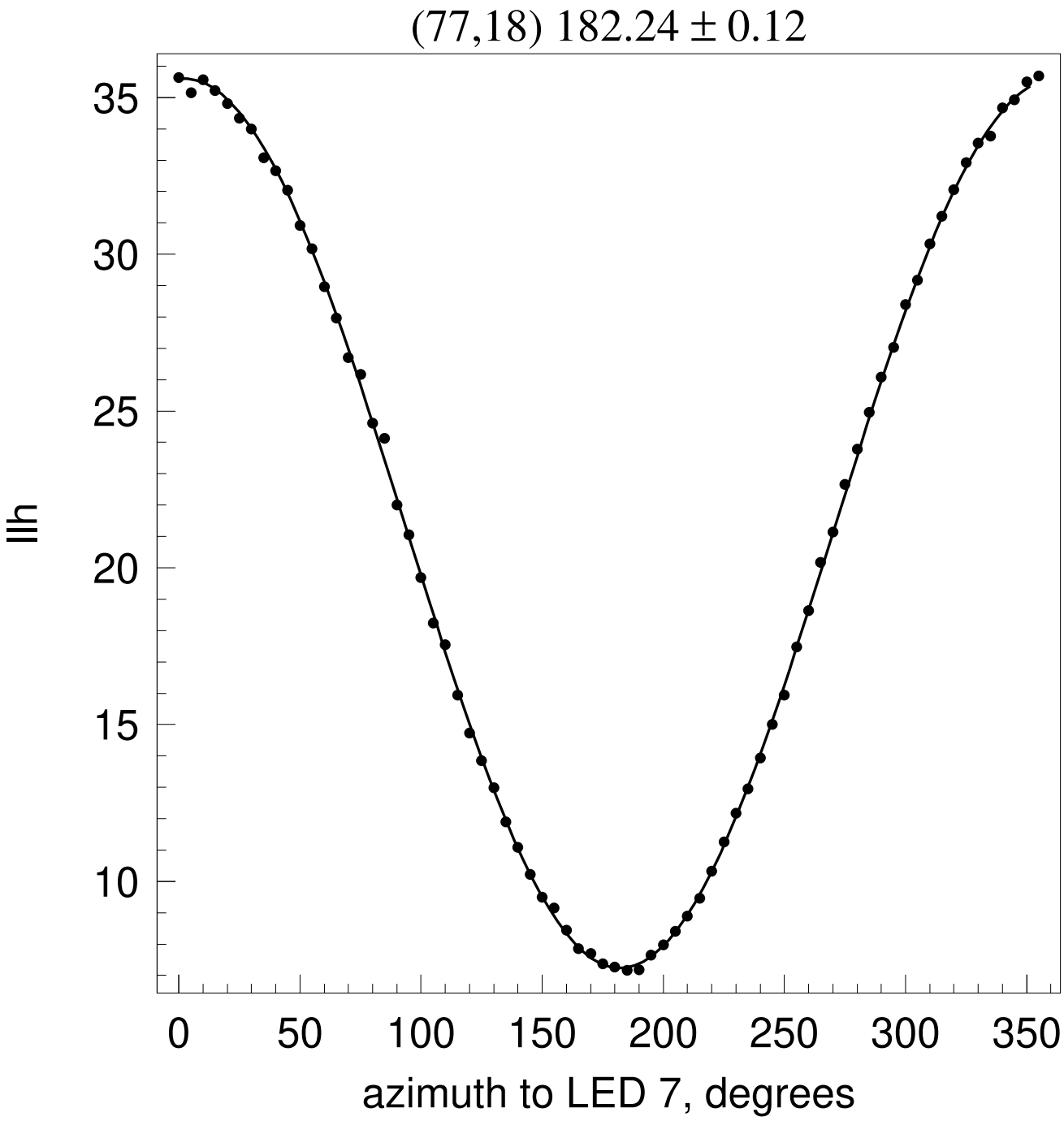

(77,13) 15.96 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

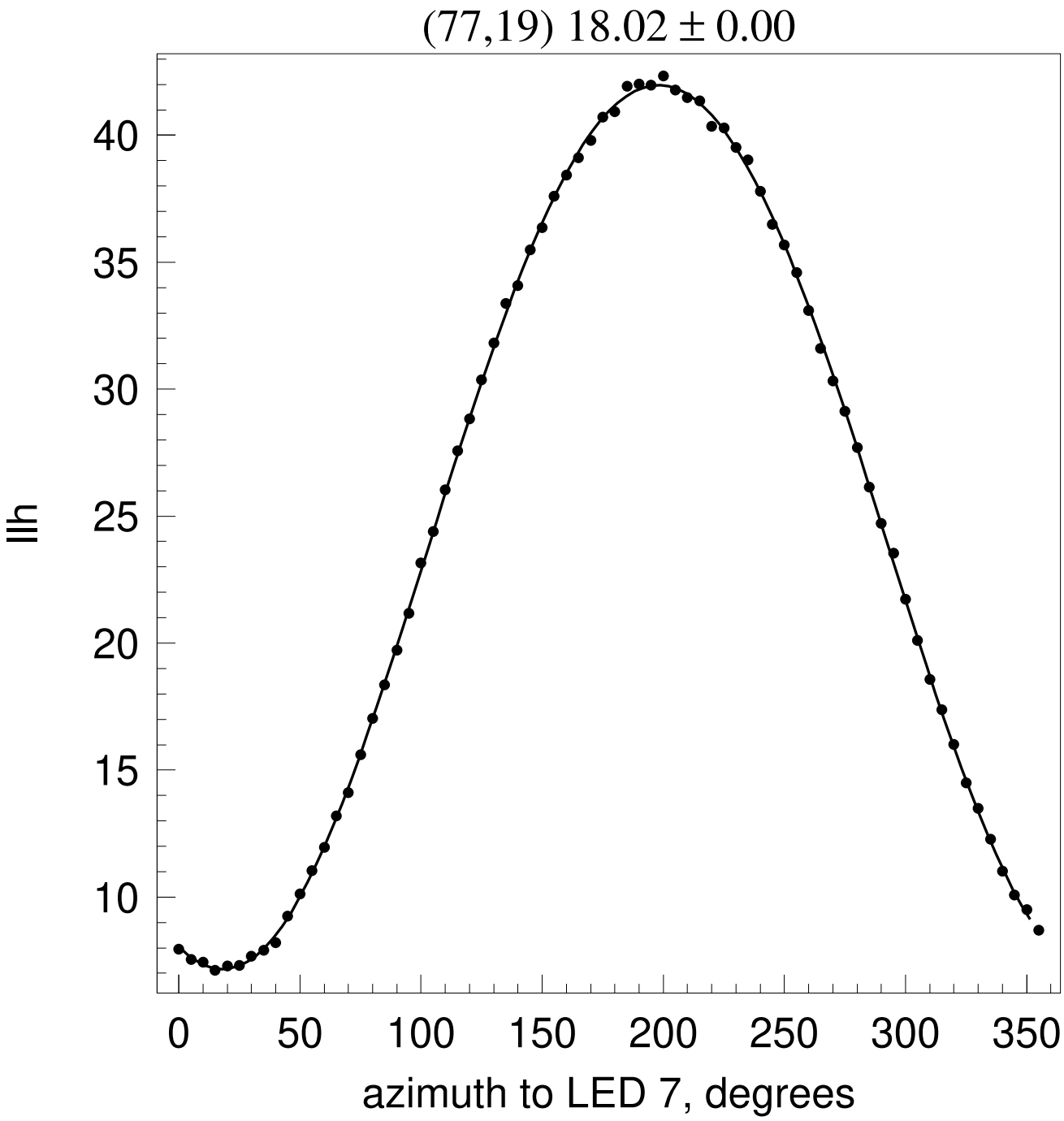

(77,14) 342.86 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

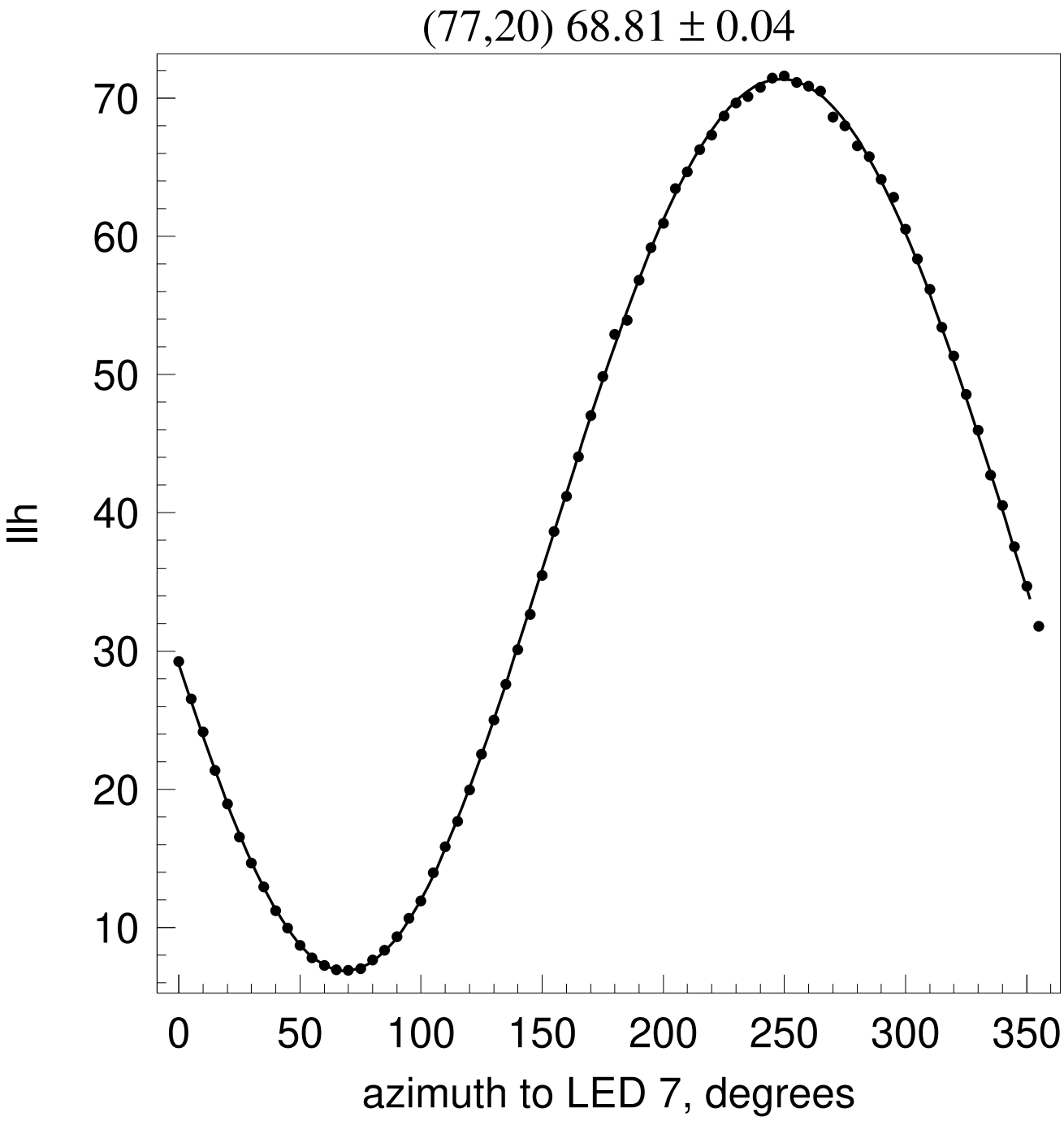

(77,15) 219.36 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

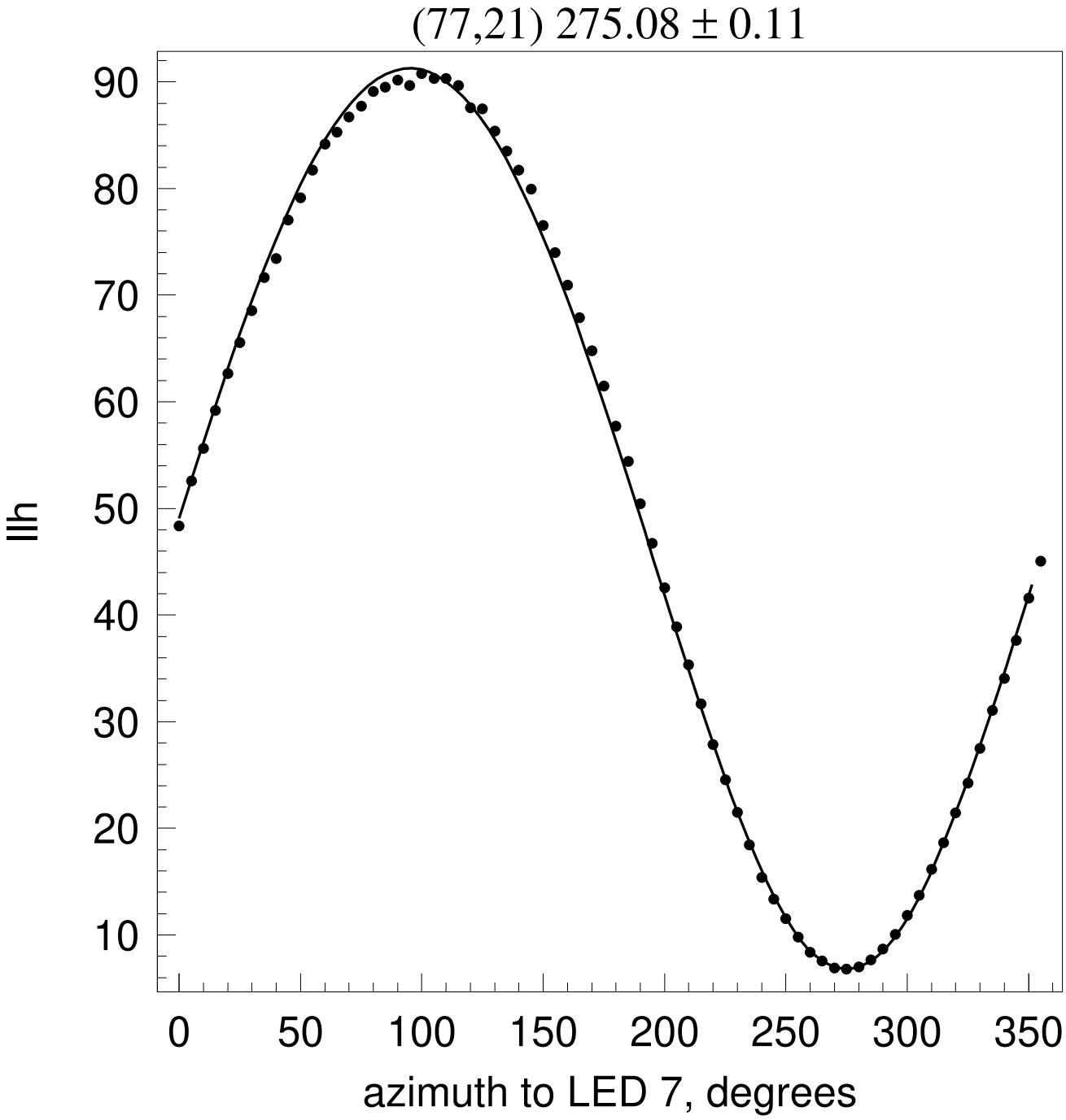

(77,16) 307.64 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

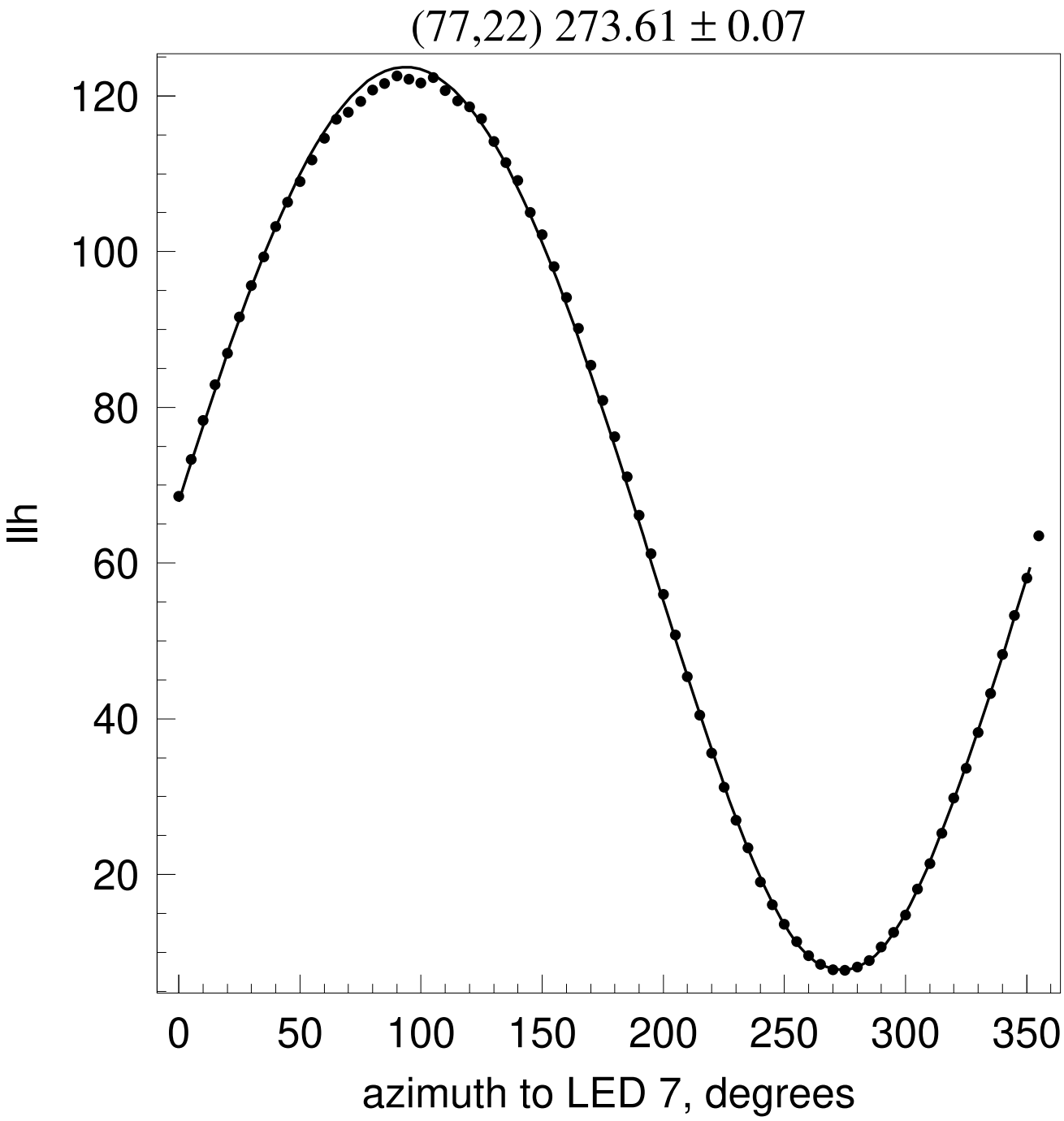

(77,17) 69.21 ± 0.09
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

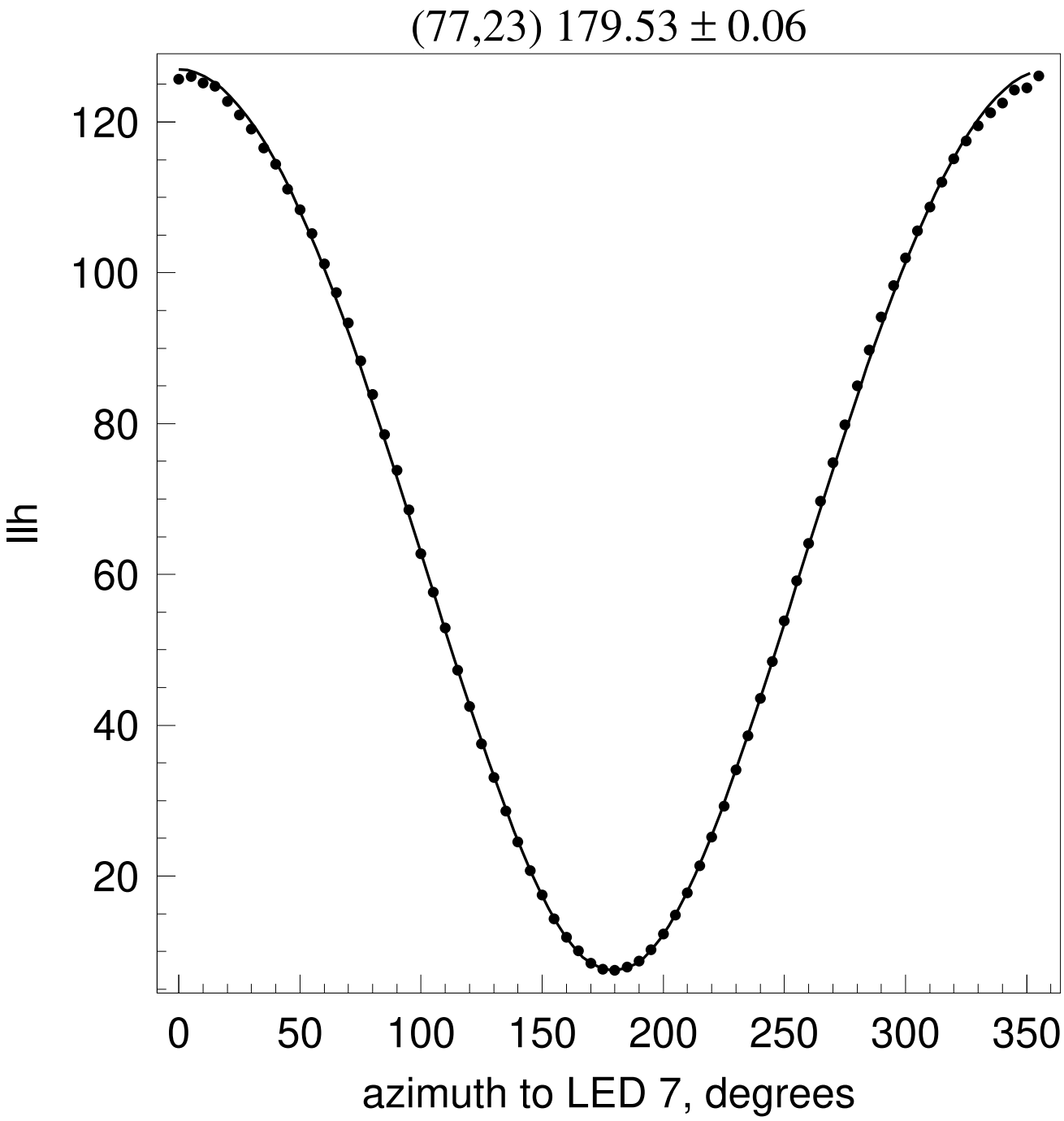

(77,18) 182.24 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

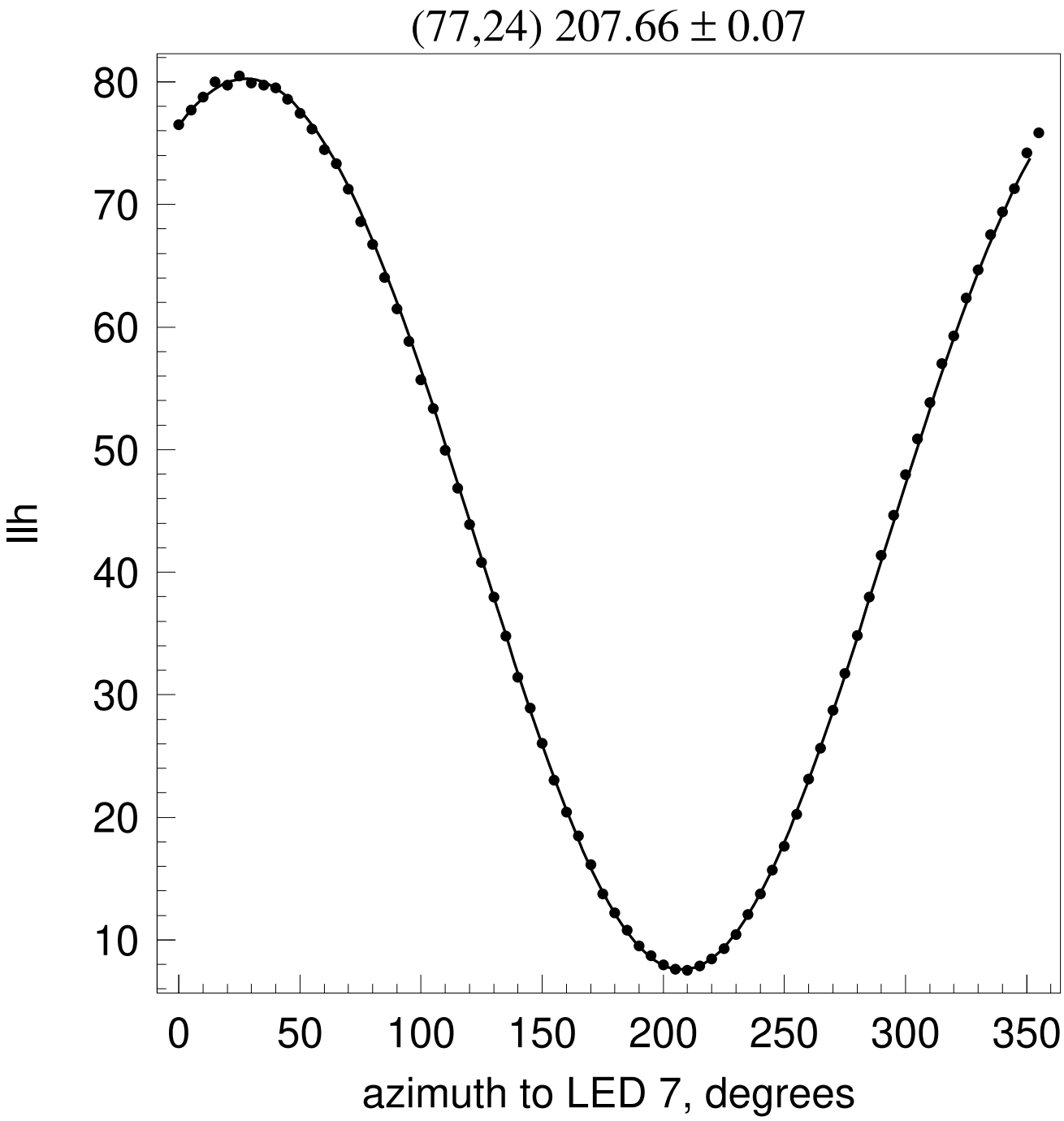

(77,19) 18.02 ± 0.00
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

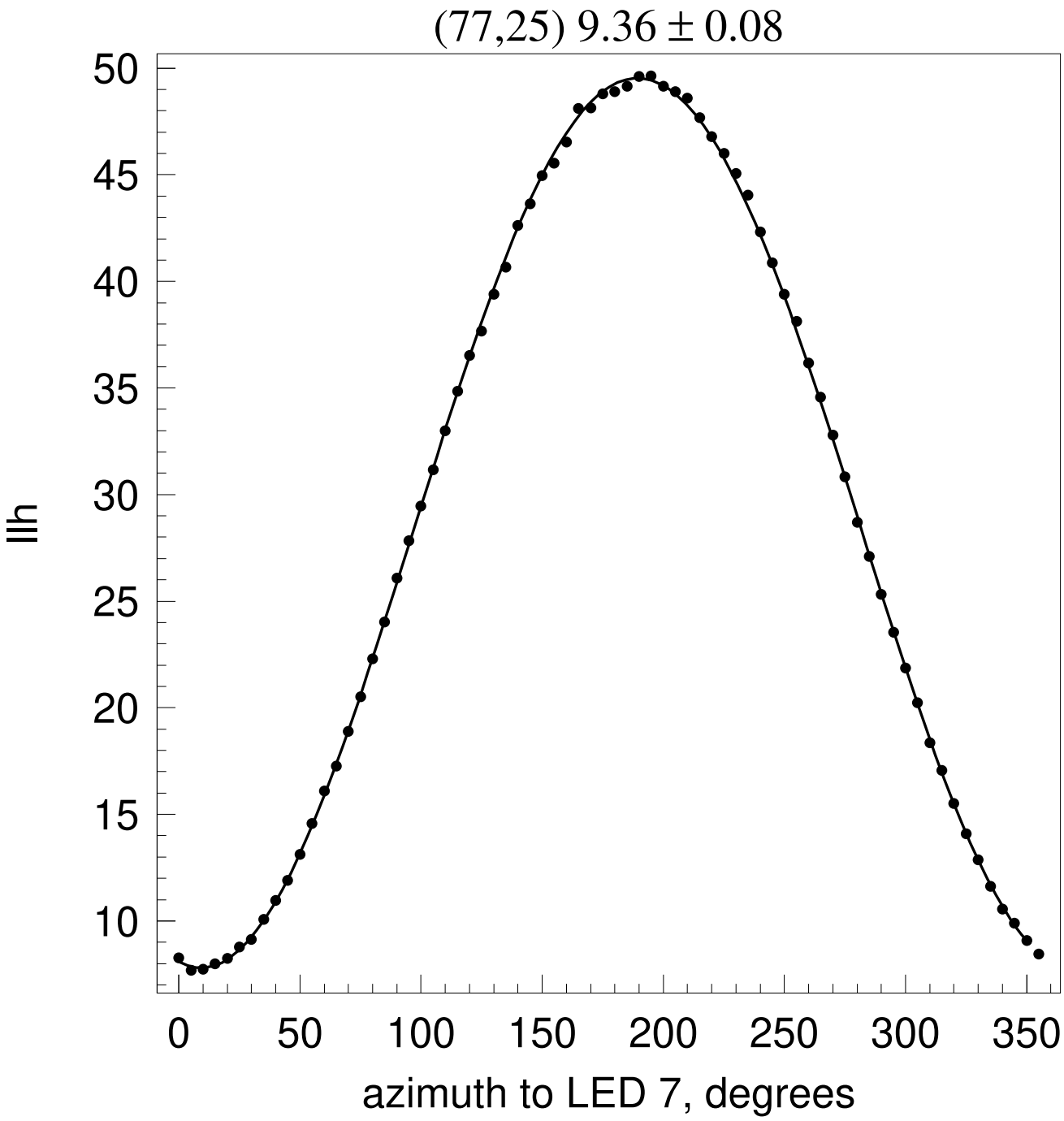

(77,20) 68.81 ± 0.04
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

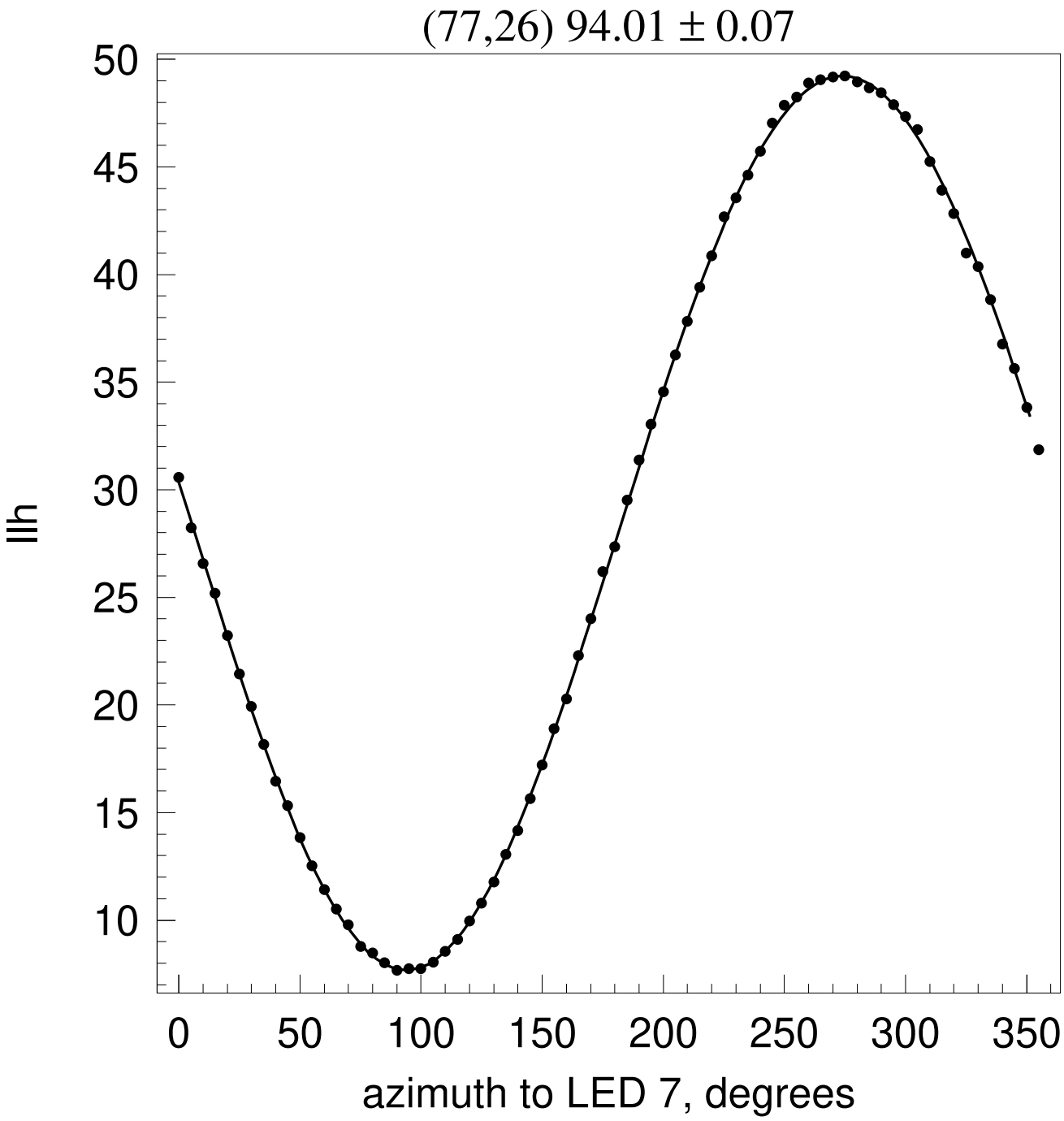

(77,21) 275.08 ± 0.11
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

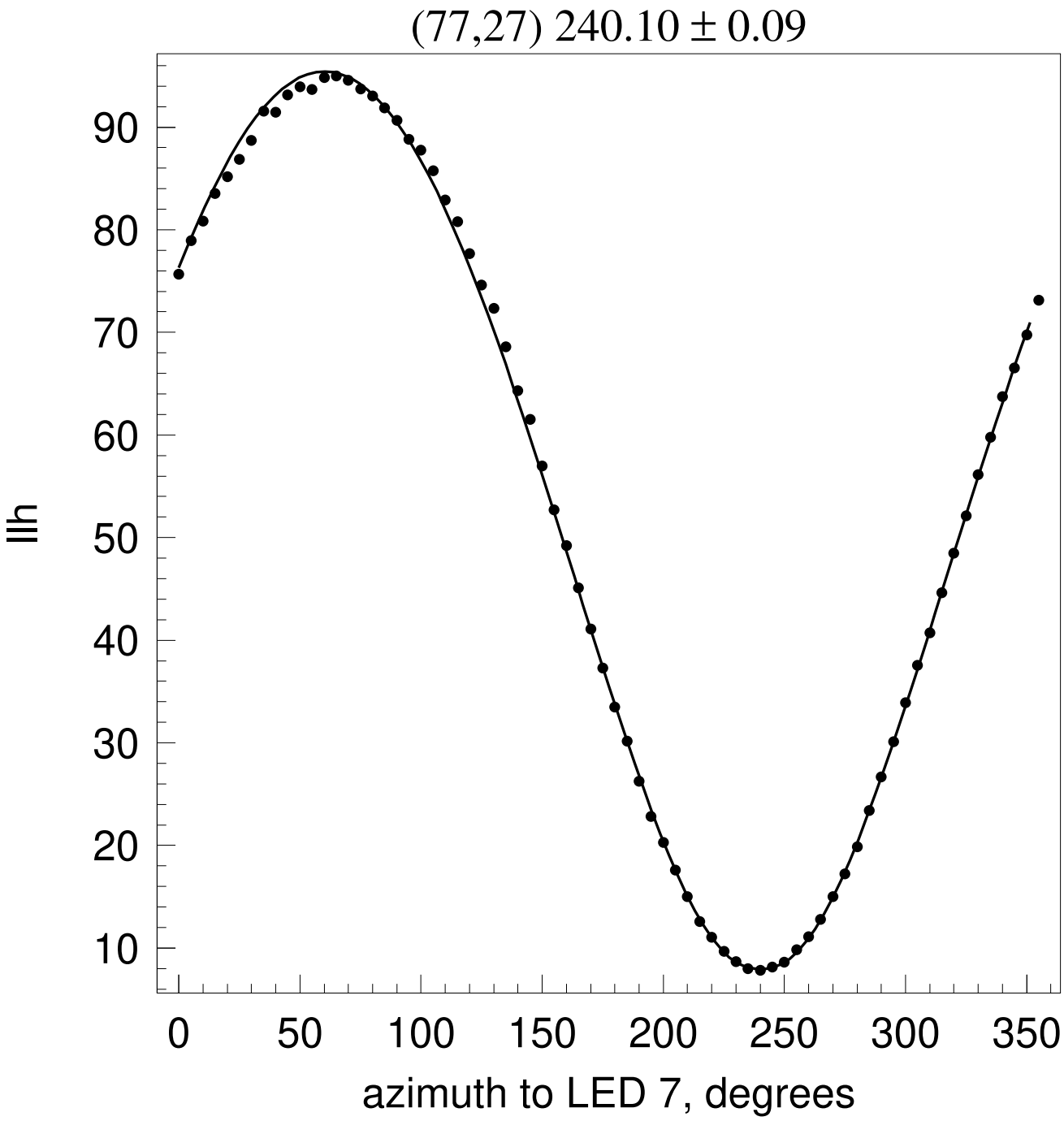

(77,22) 273.61 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

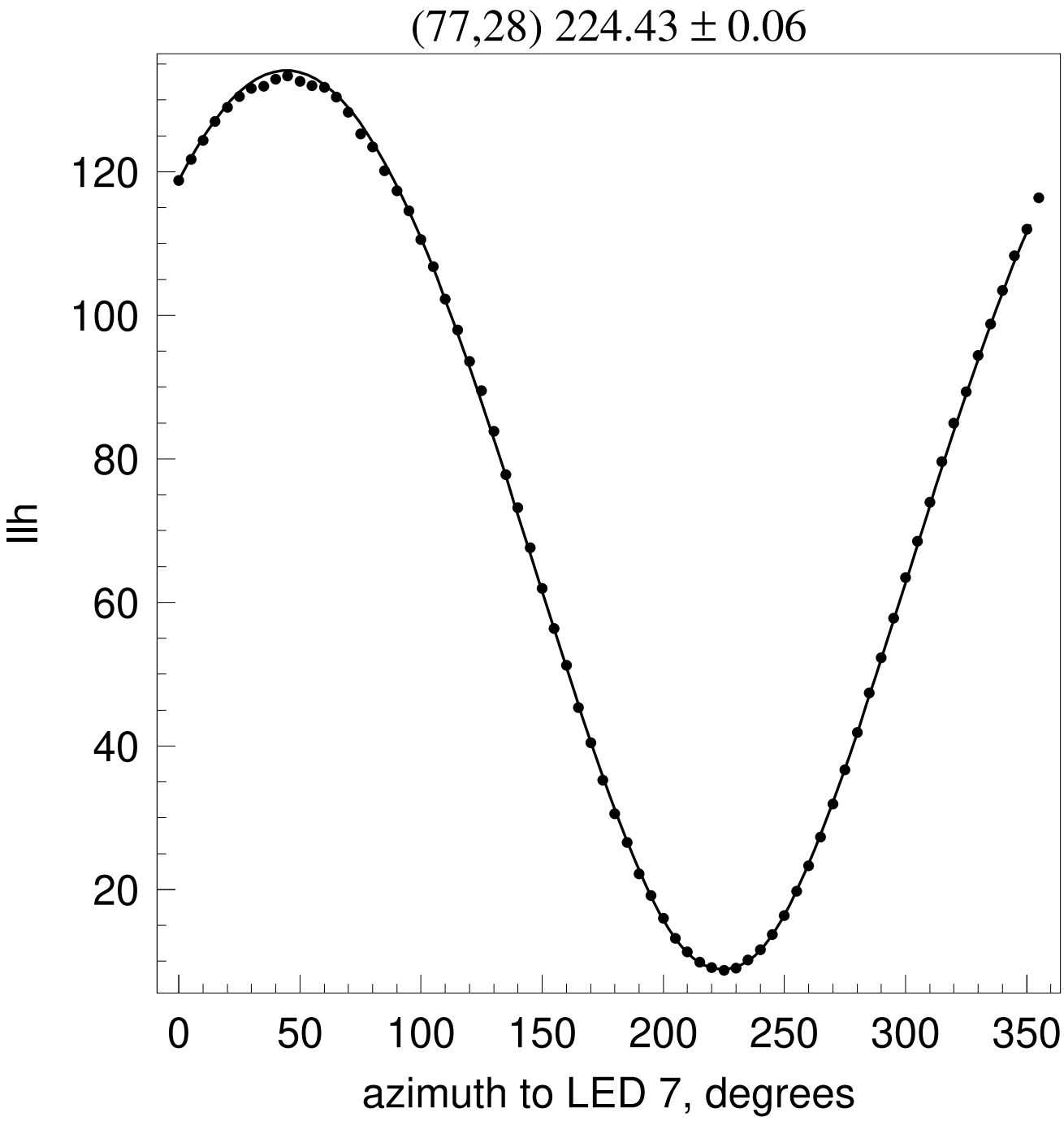

(77,23) 179.53 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

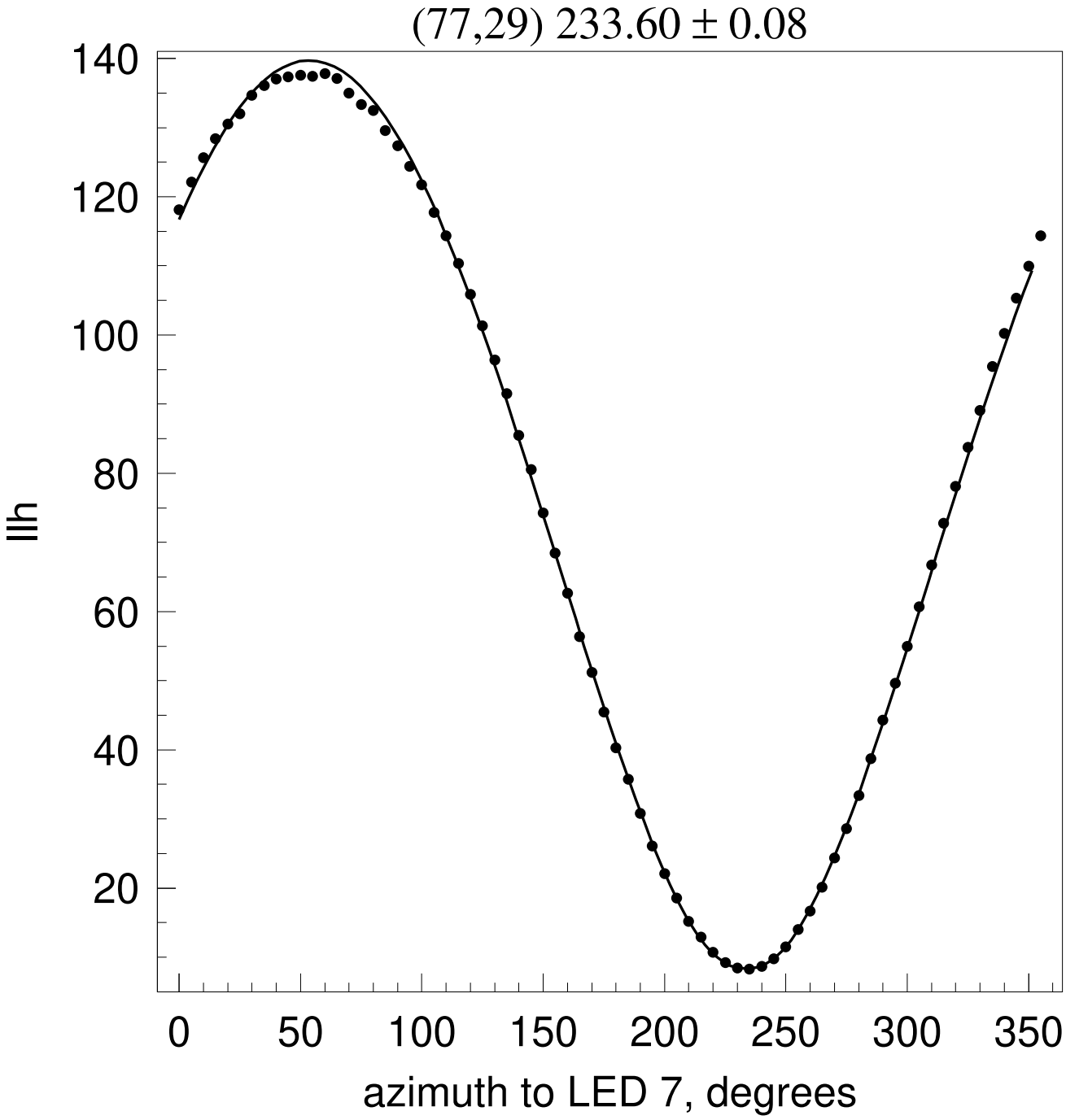

(77,24) 207.66 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

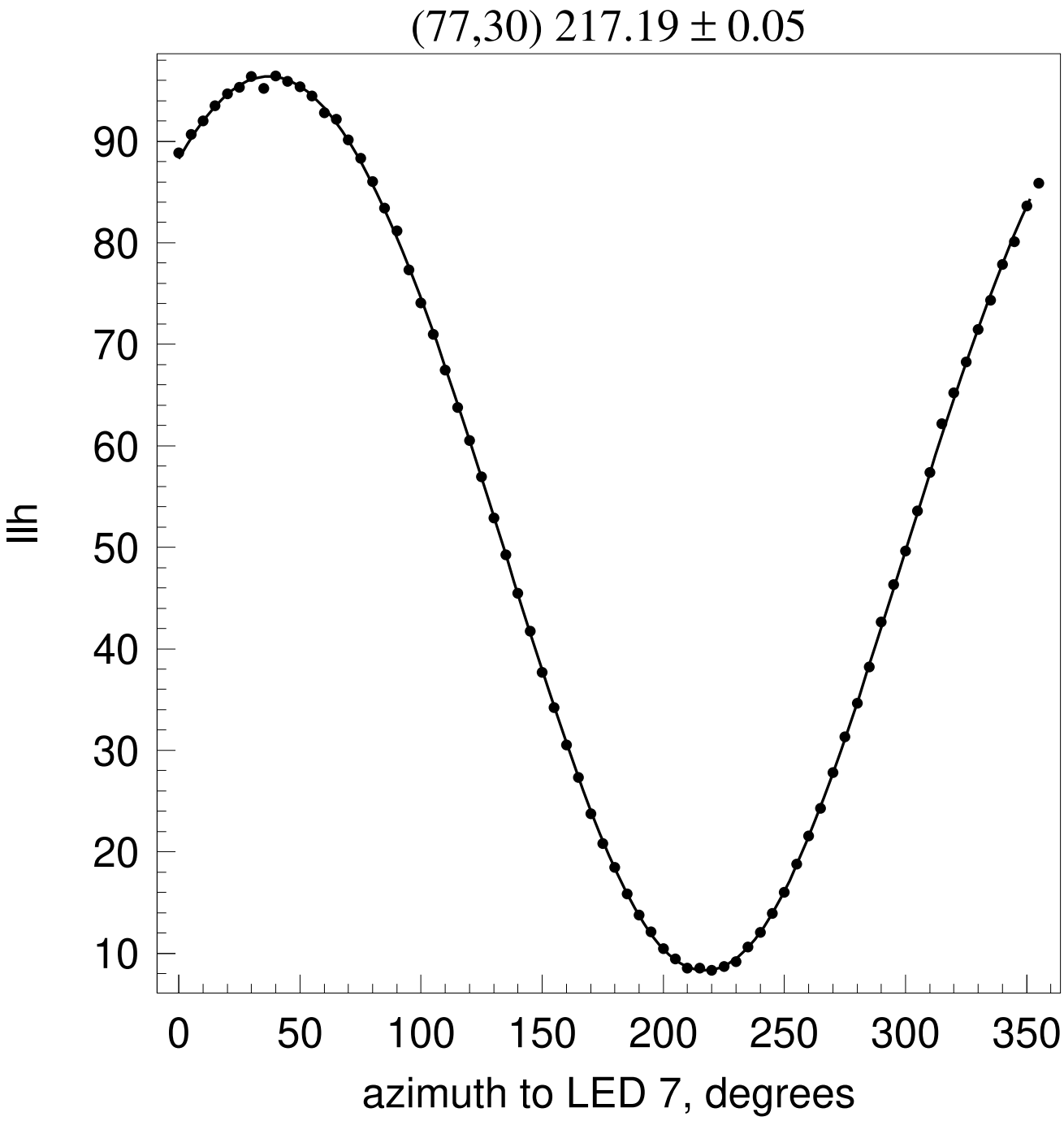

(77,25) 9.36 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

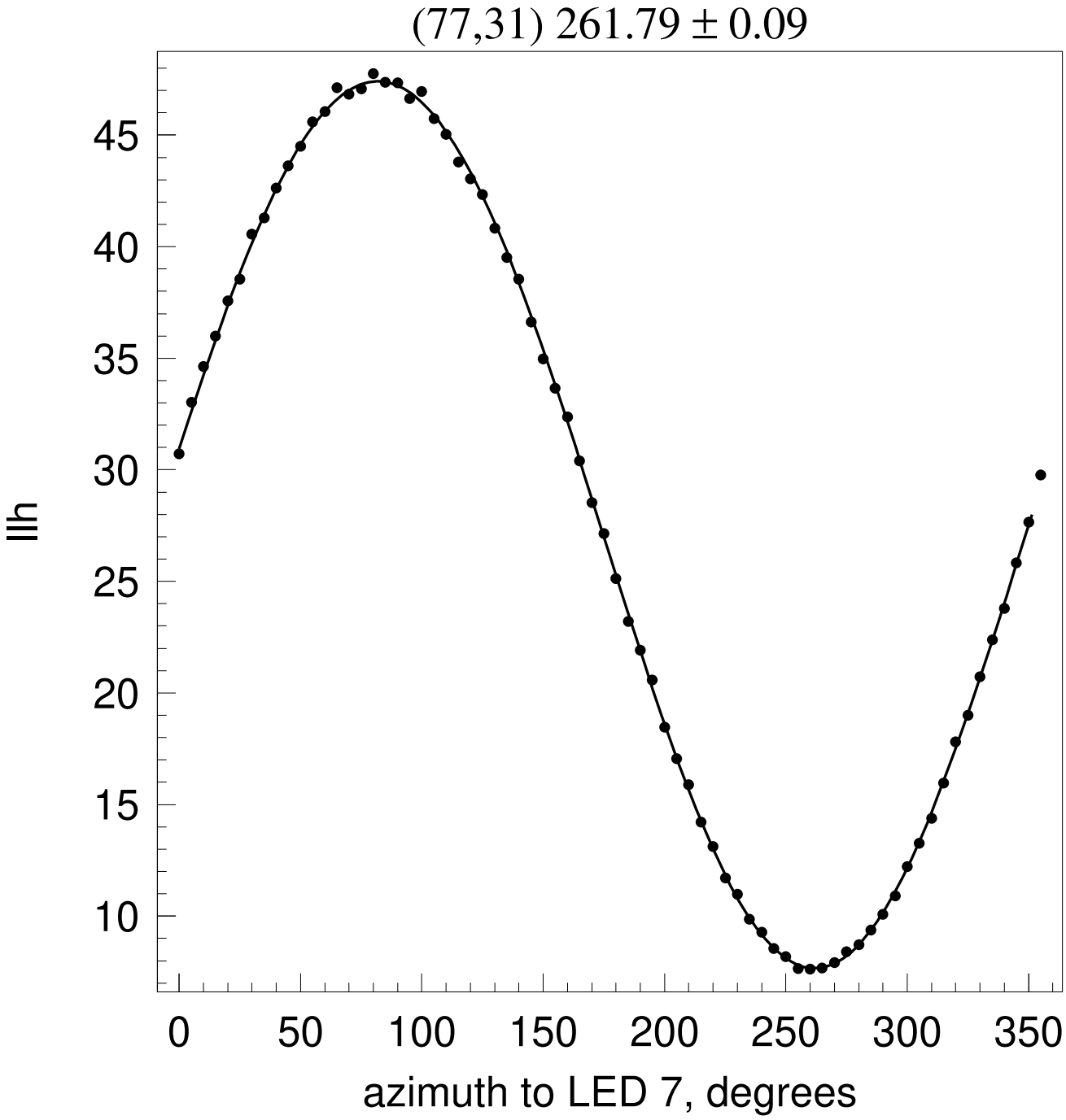

(77,26) 94.01 ± 0.07
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

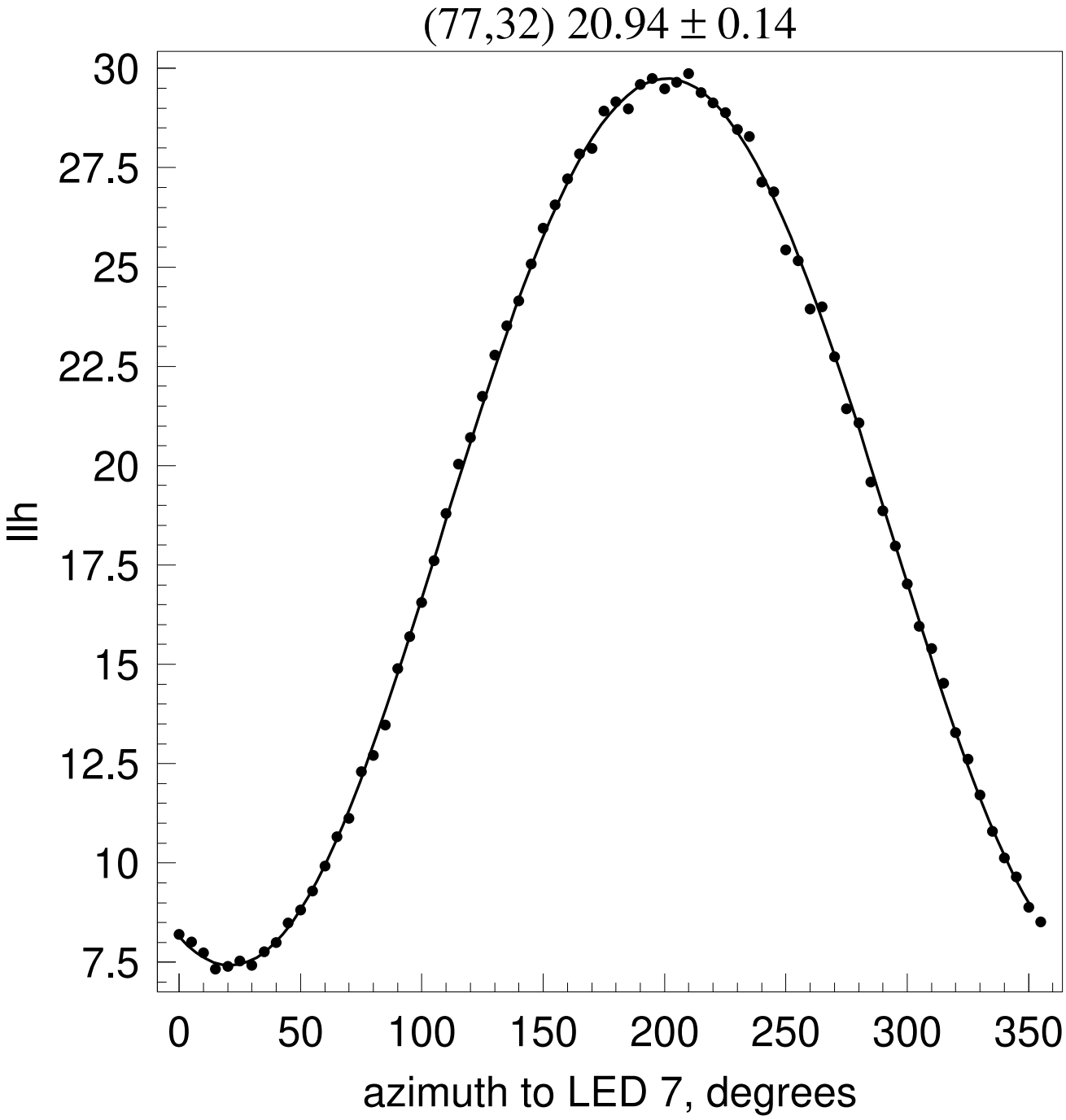

(77,27) 240.10 ± 0.09
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

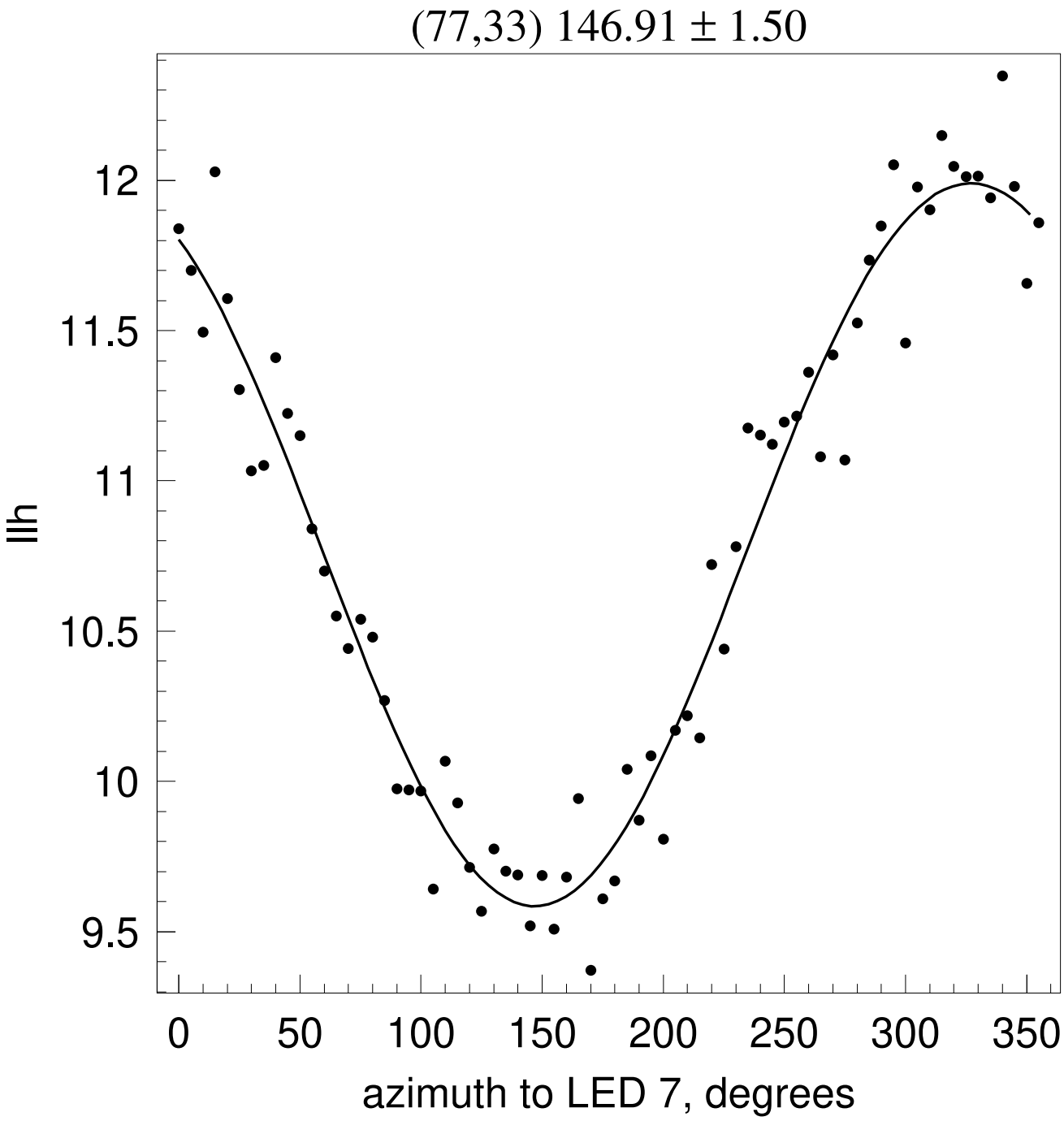

(77,28) 224.43 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

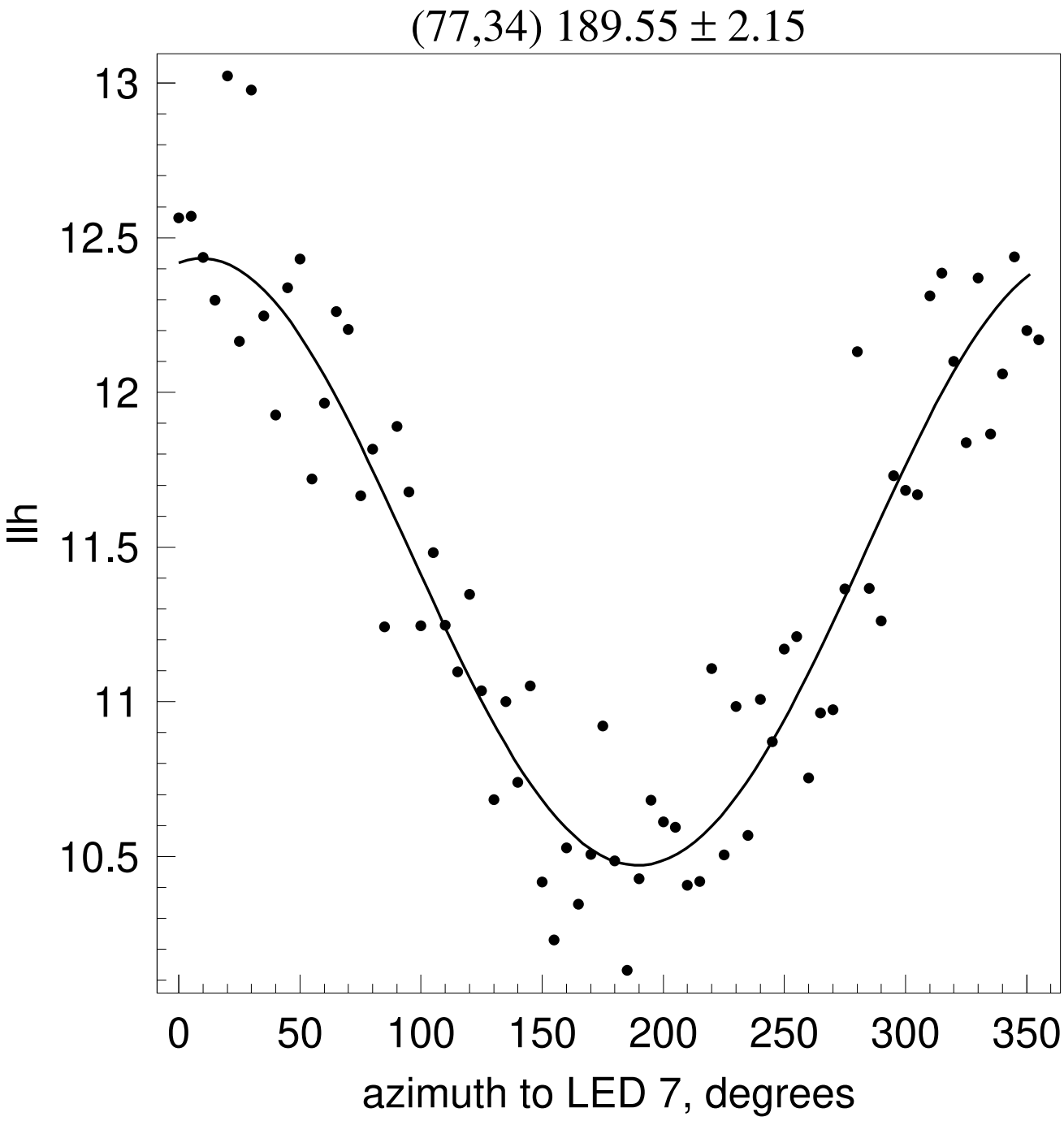

(77,29) 233.60 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

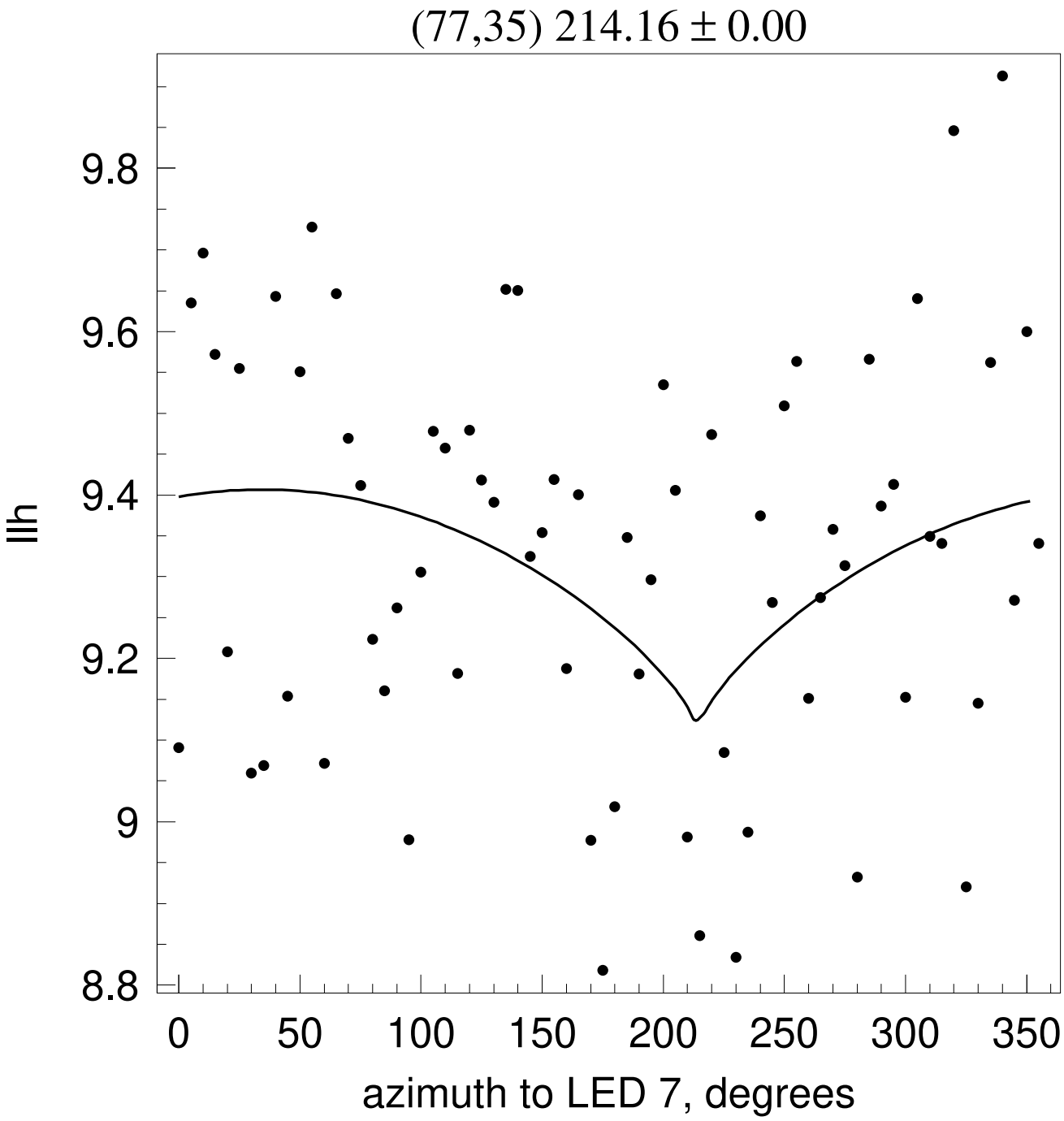

(77,30) 217.19 ± 0.05
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

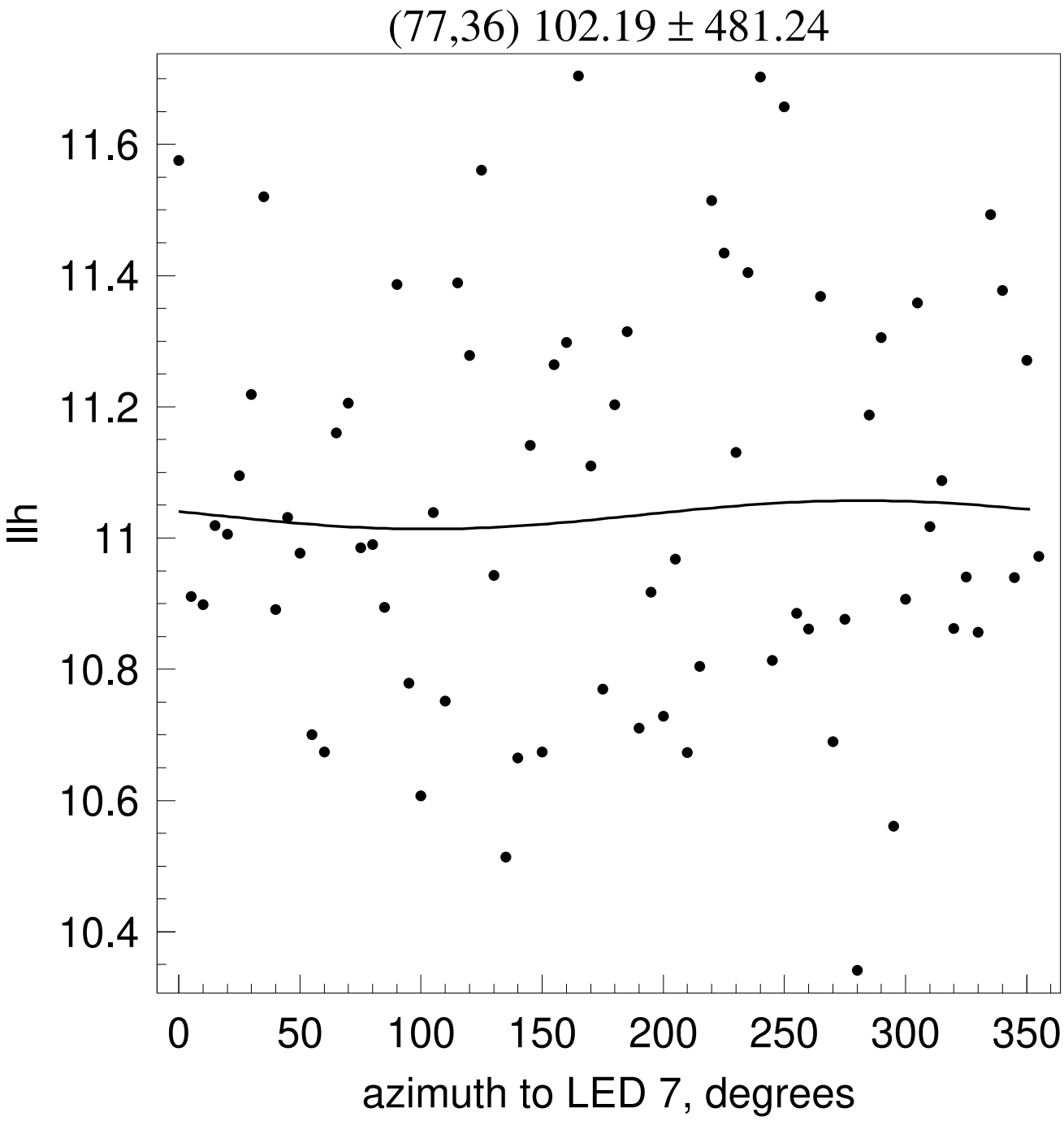

(77,31) 261.79 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

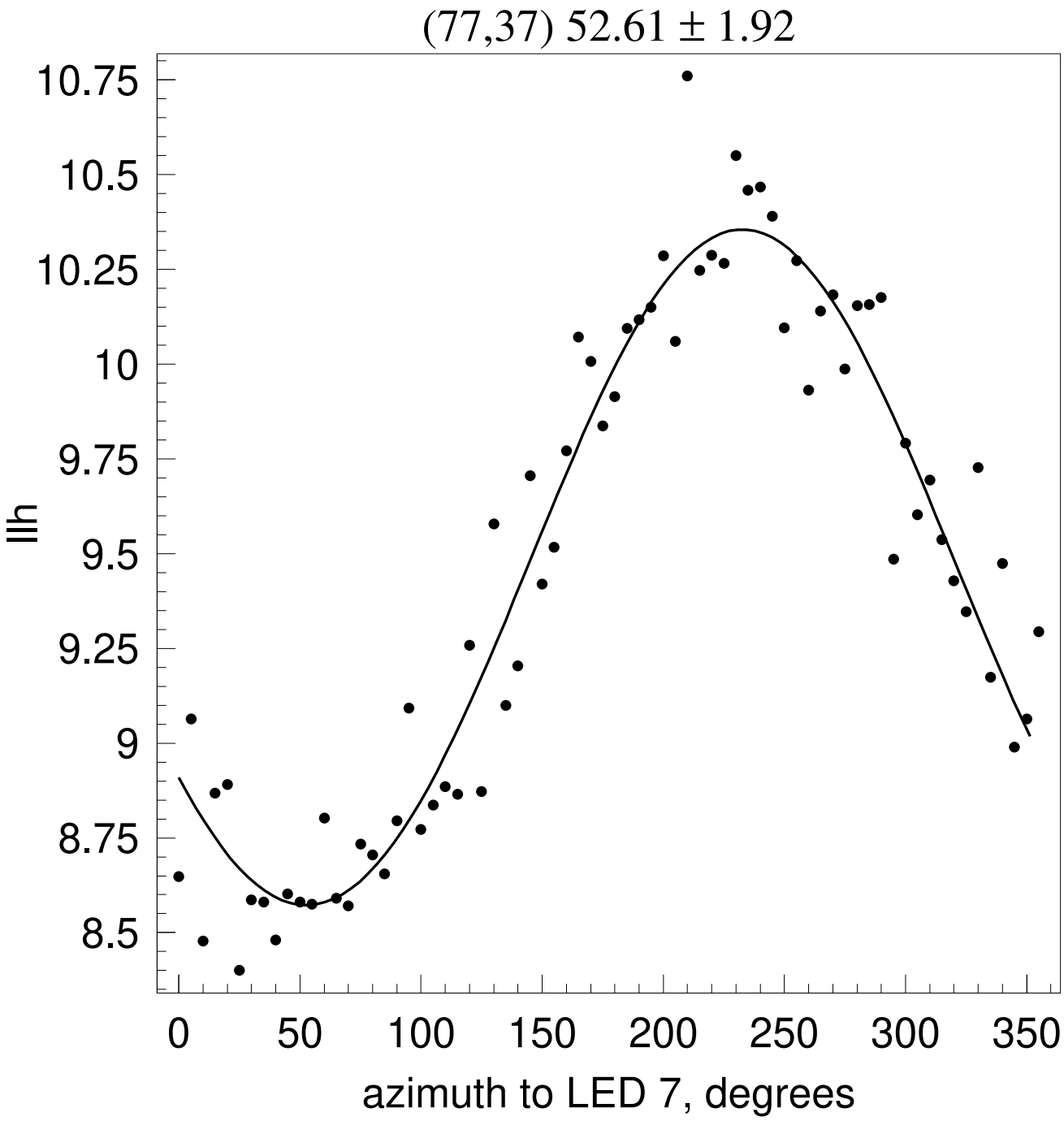

(77,32) 20.94 ± 0.14
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

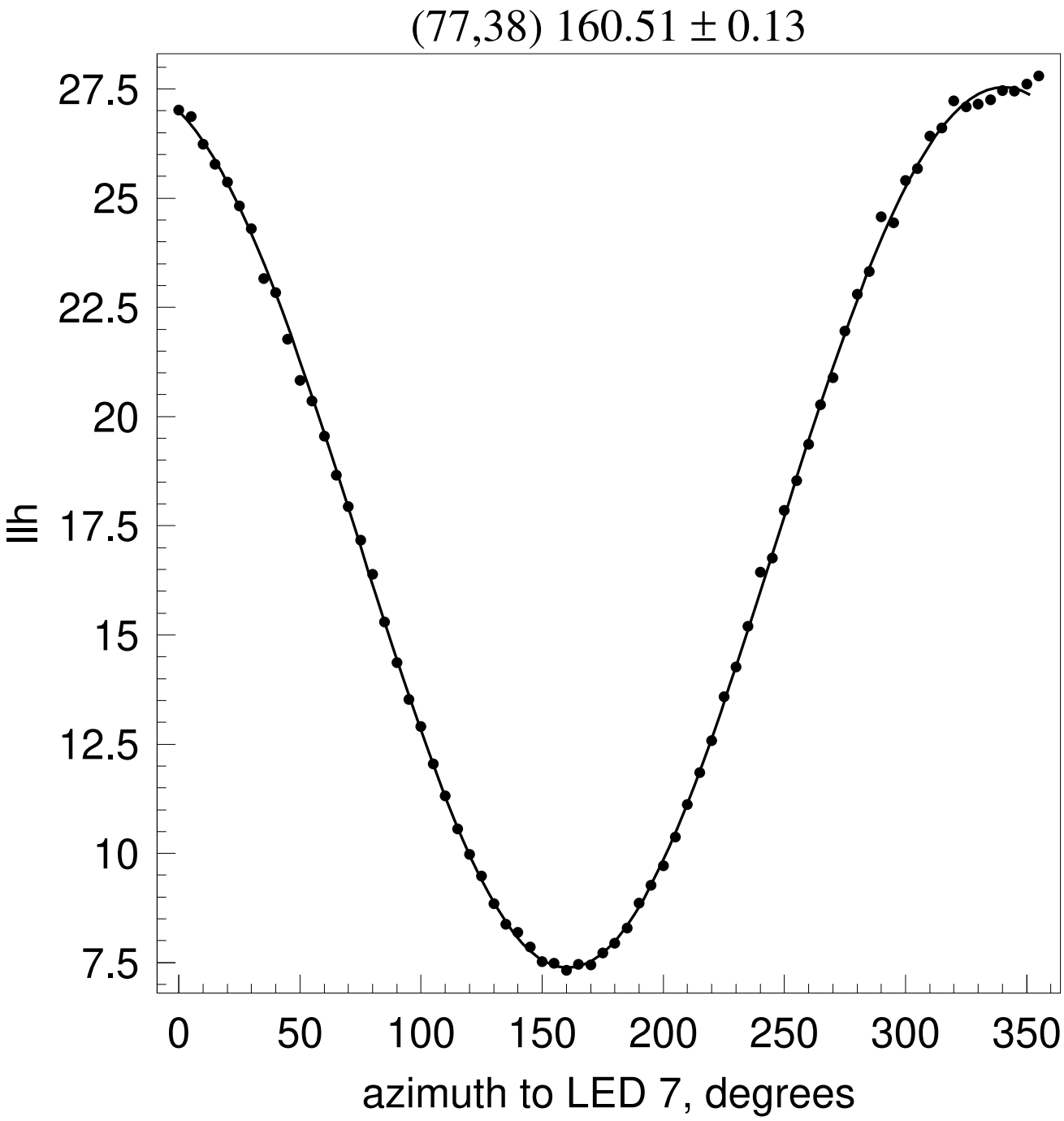

(77,33) 146.91 ± 1.50
12
11.5
11
10.5
10
9.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

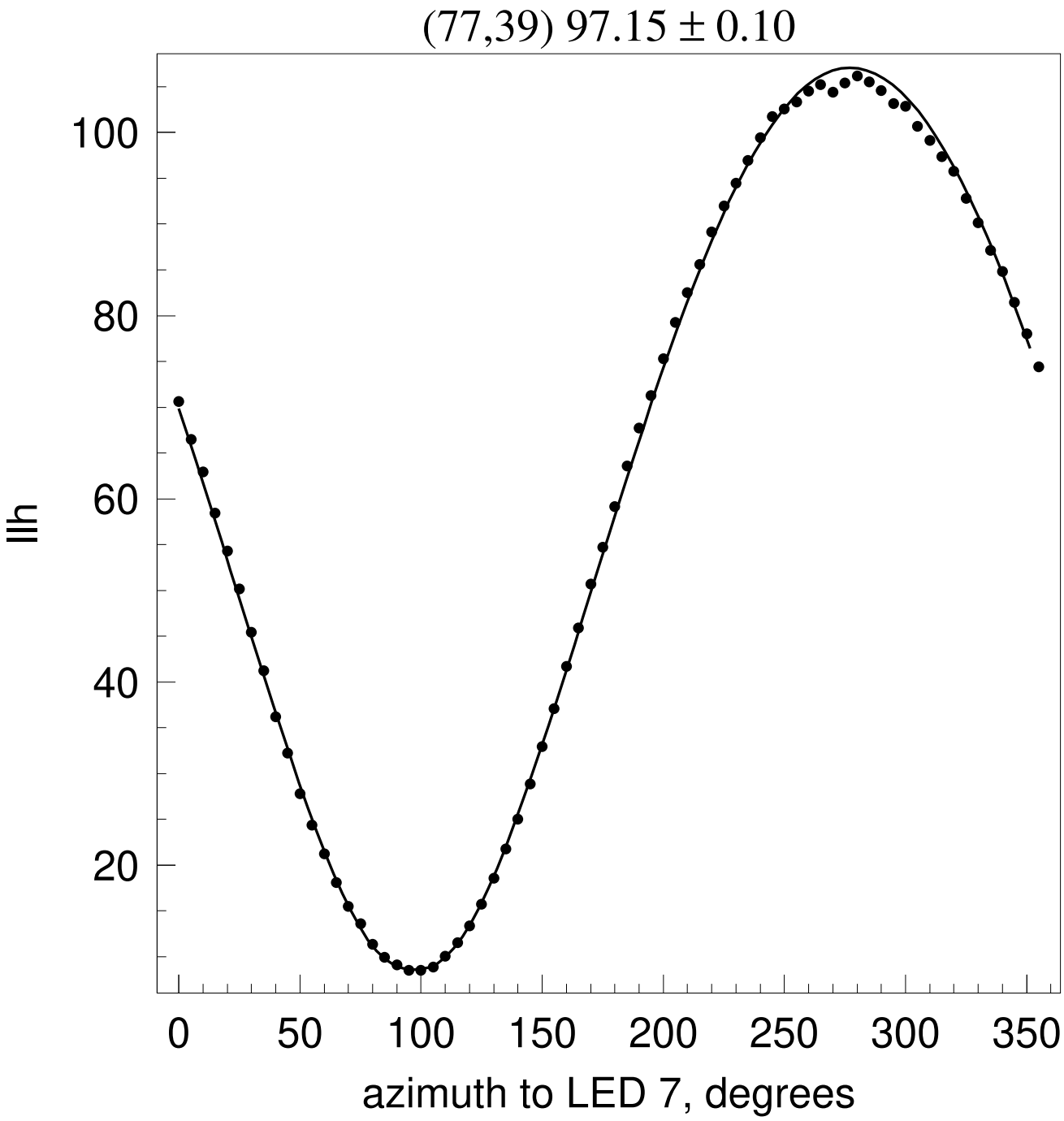

(77,34) 189.55 ± 2.15
13
12.5
12
11.5
11
10.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

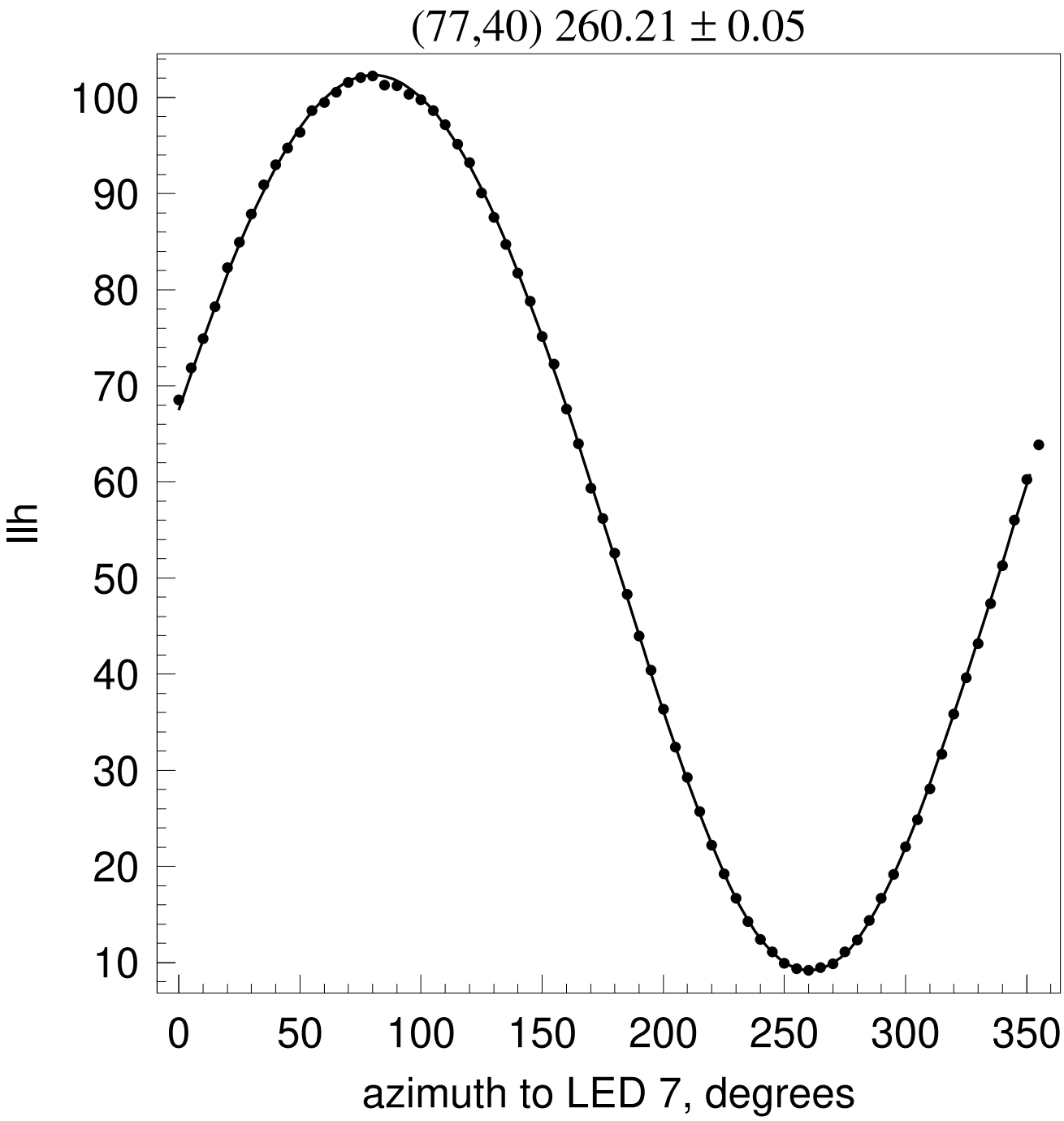

(77,35) 214.16 ± 0.00
9.8
9.6
9.4
9.2
9
8.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

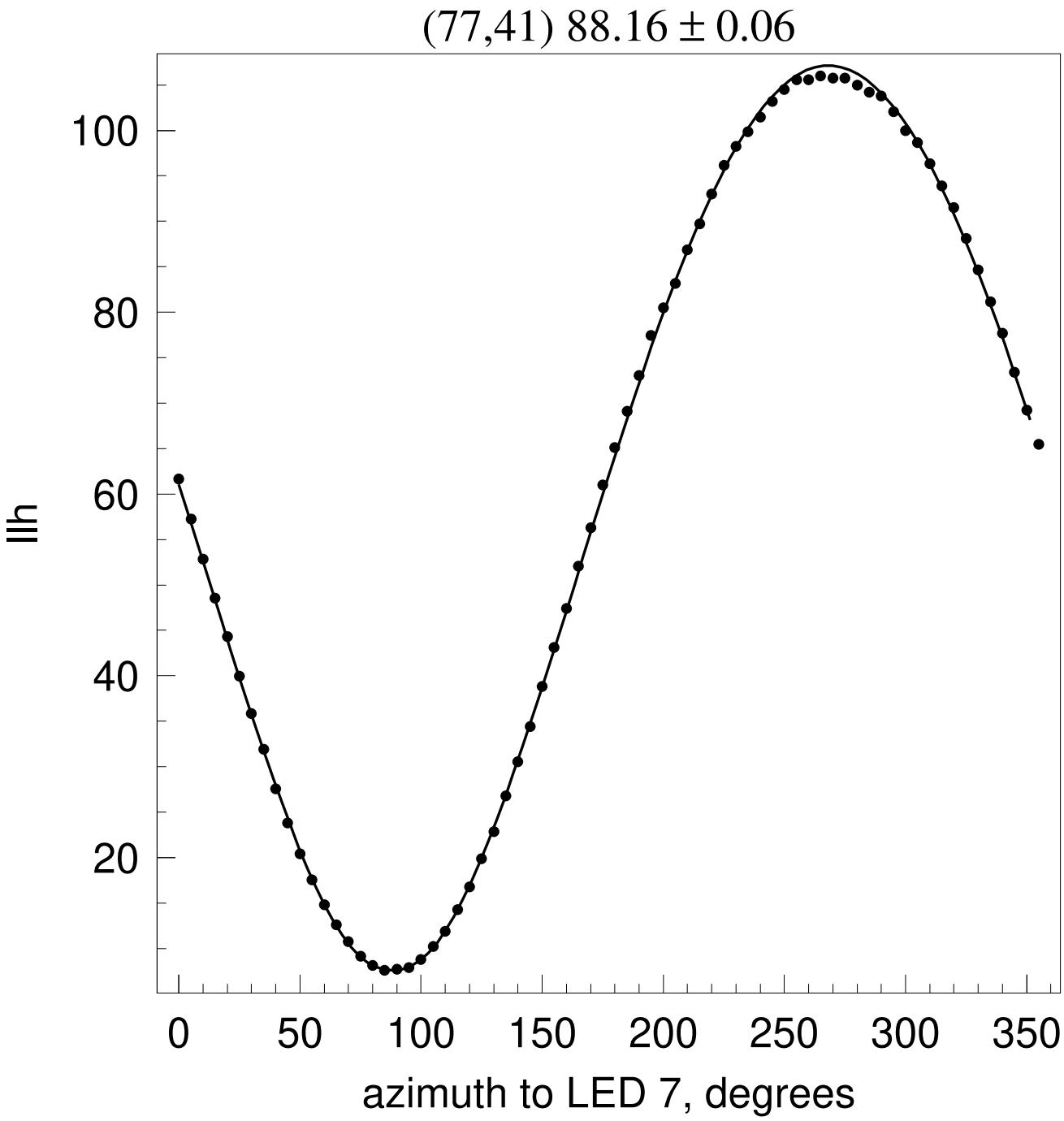

(77,36) 102.19 ± 481.24
11.6
11.4
11.2
11
10.8
10.6
10.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

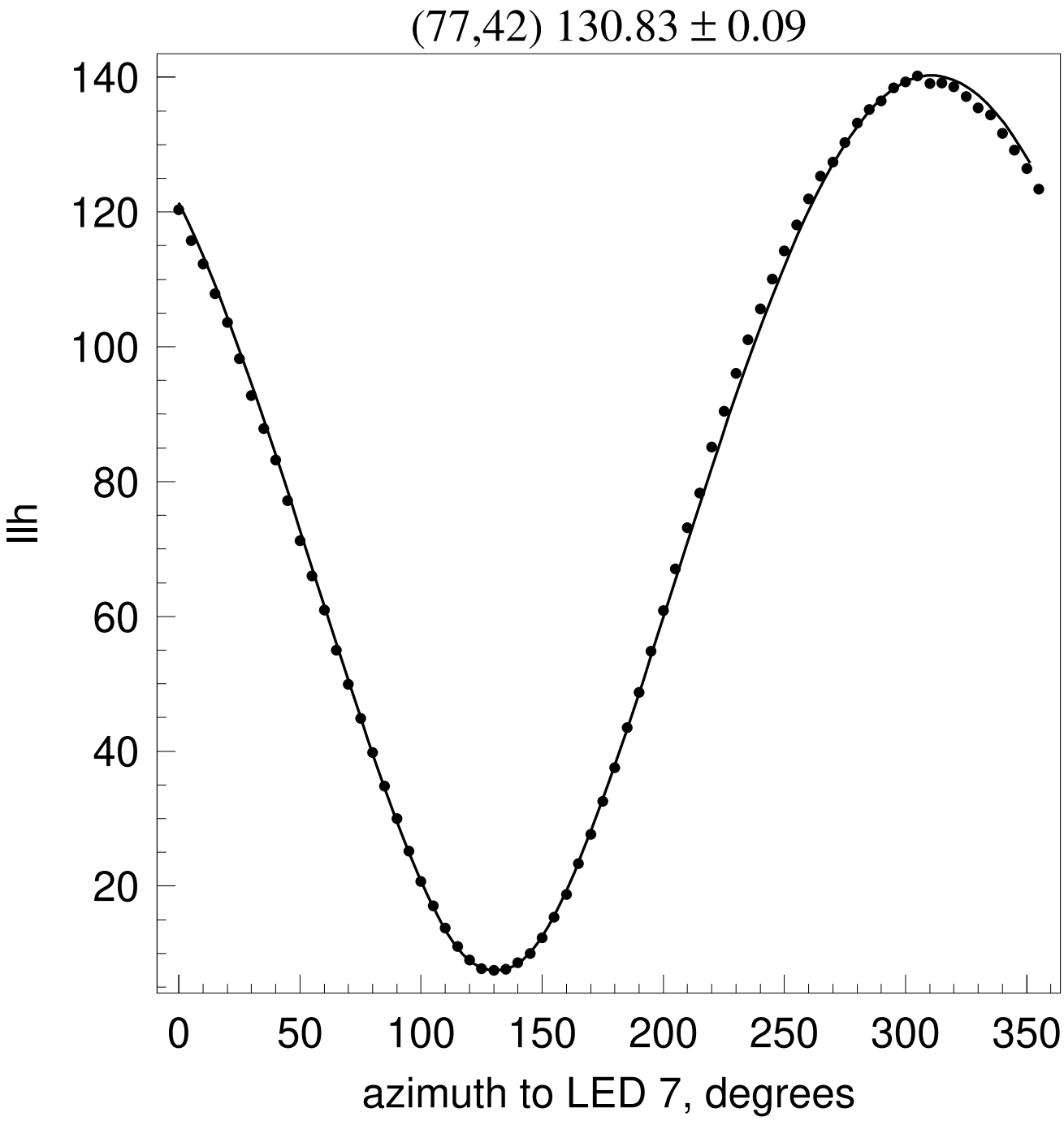

(77,37) 52.61 ± 1.92
10.75
10.5
10.25
10
9.75
9.5
9.25
9
8.75
8.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

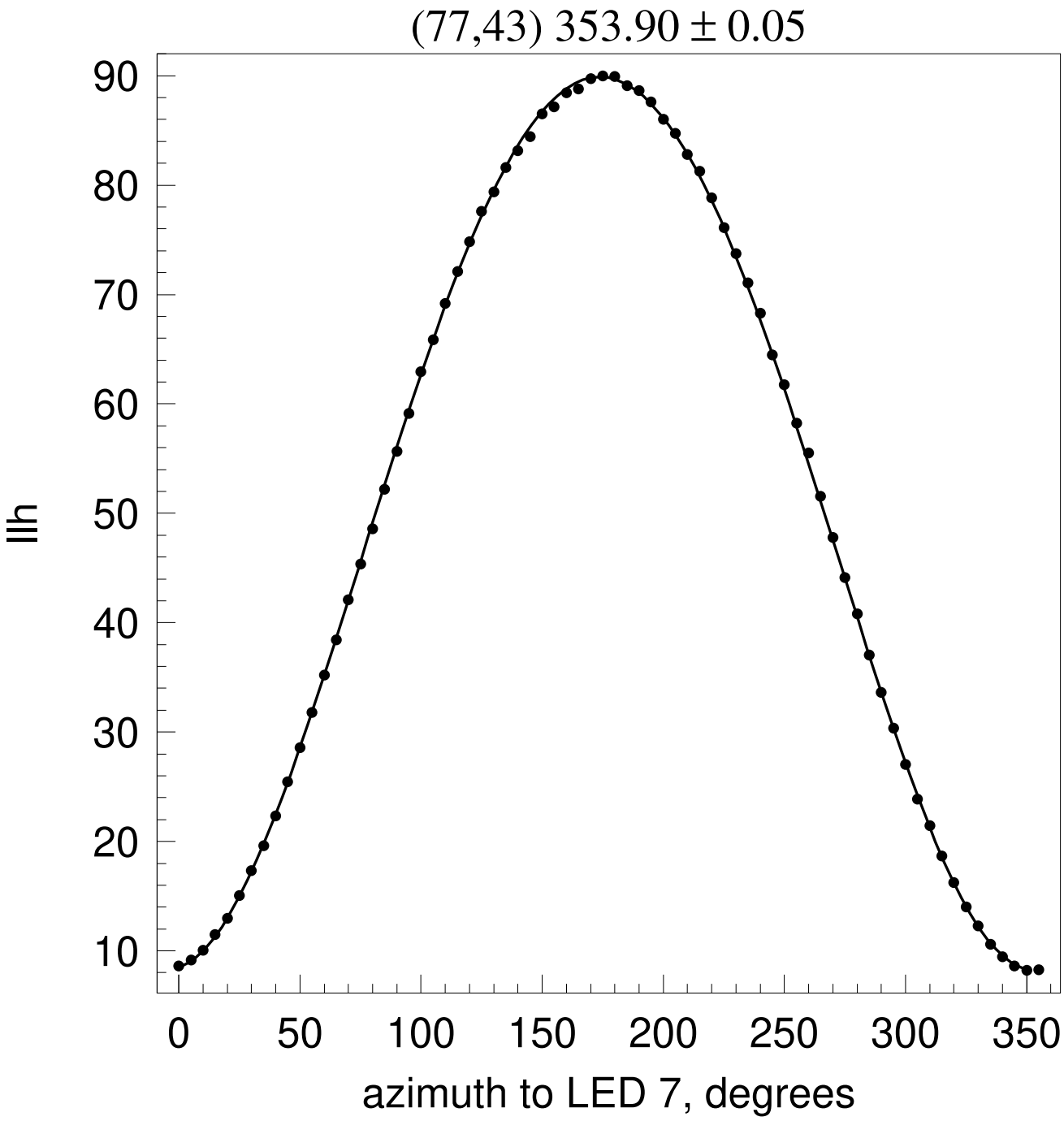

(77,38) 160.51 ± 0.13
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

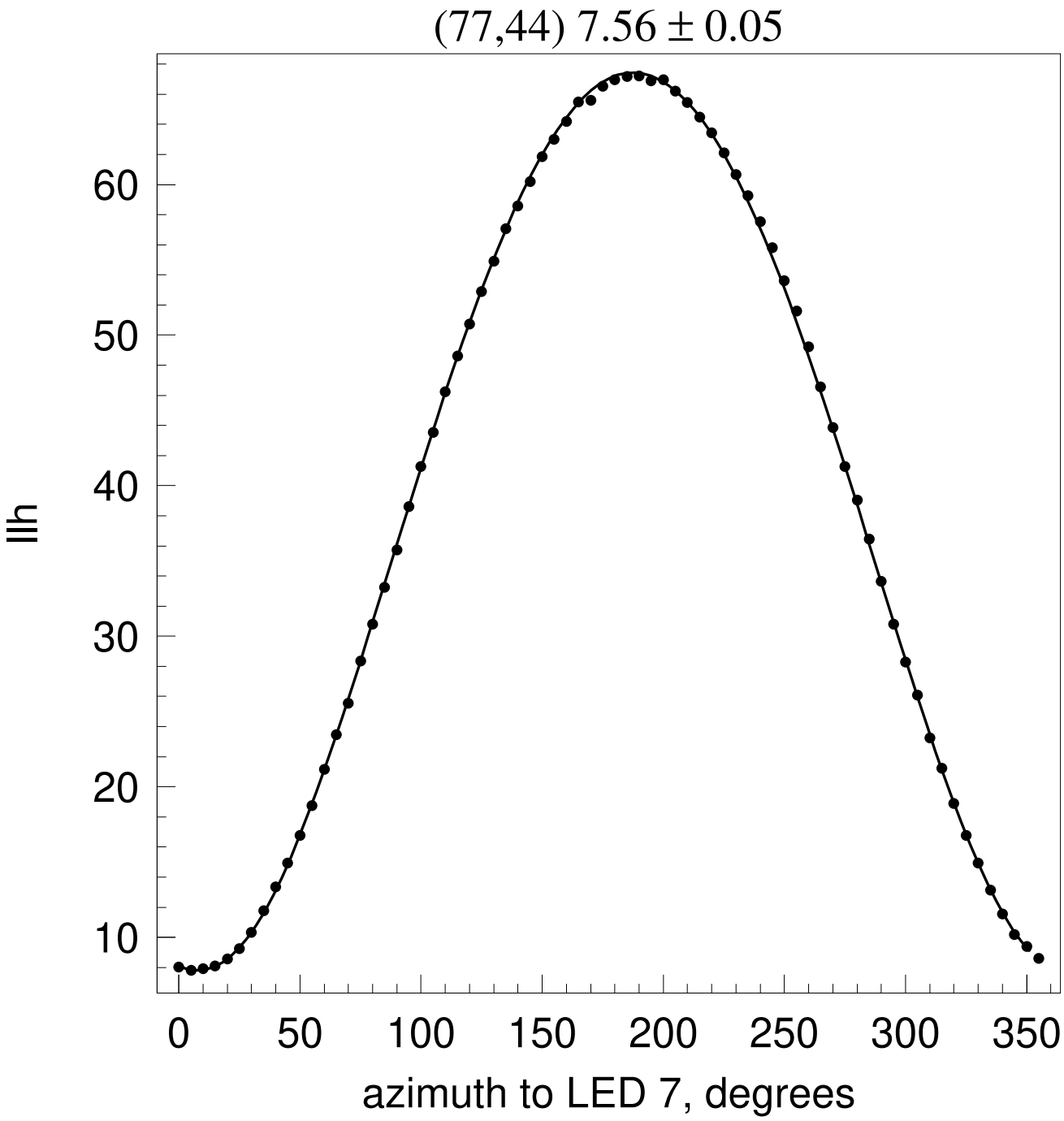

(77,39) 97.15 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

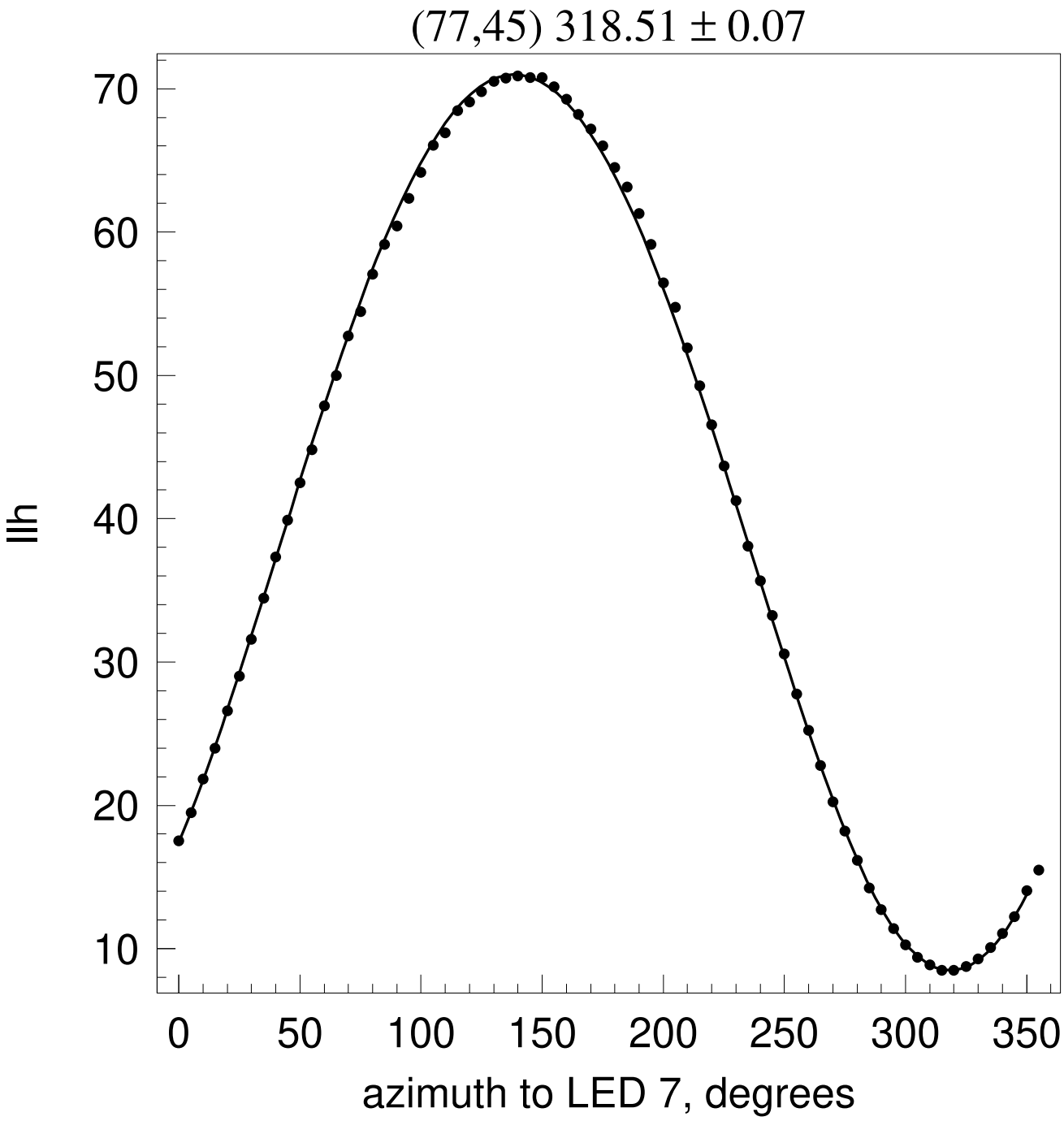

(77,40) 260.21 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

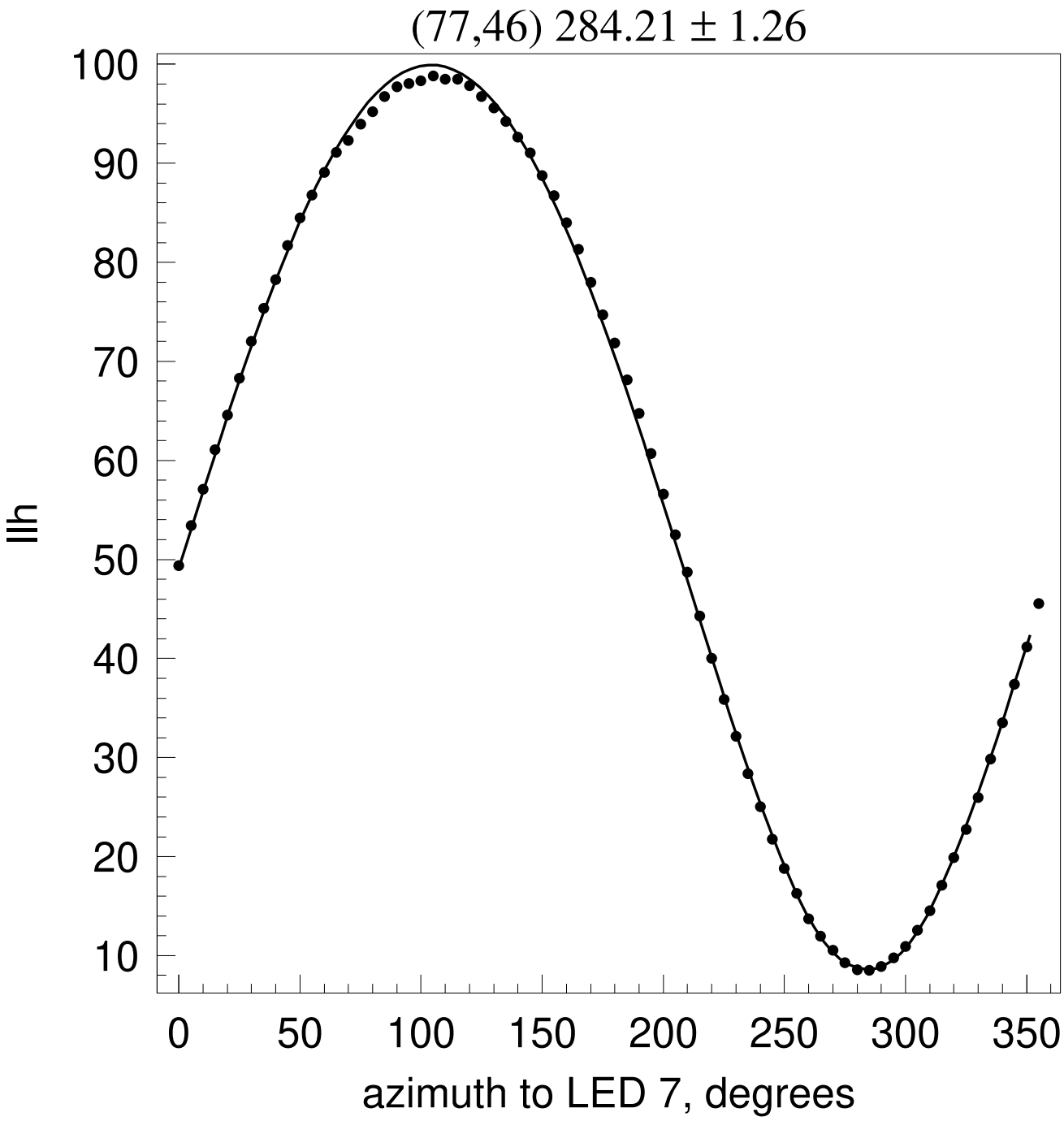

(77,41) 88.16 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

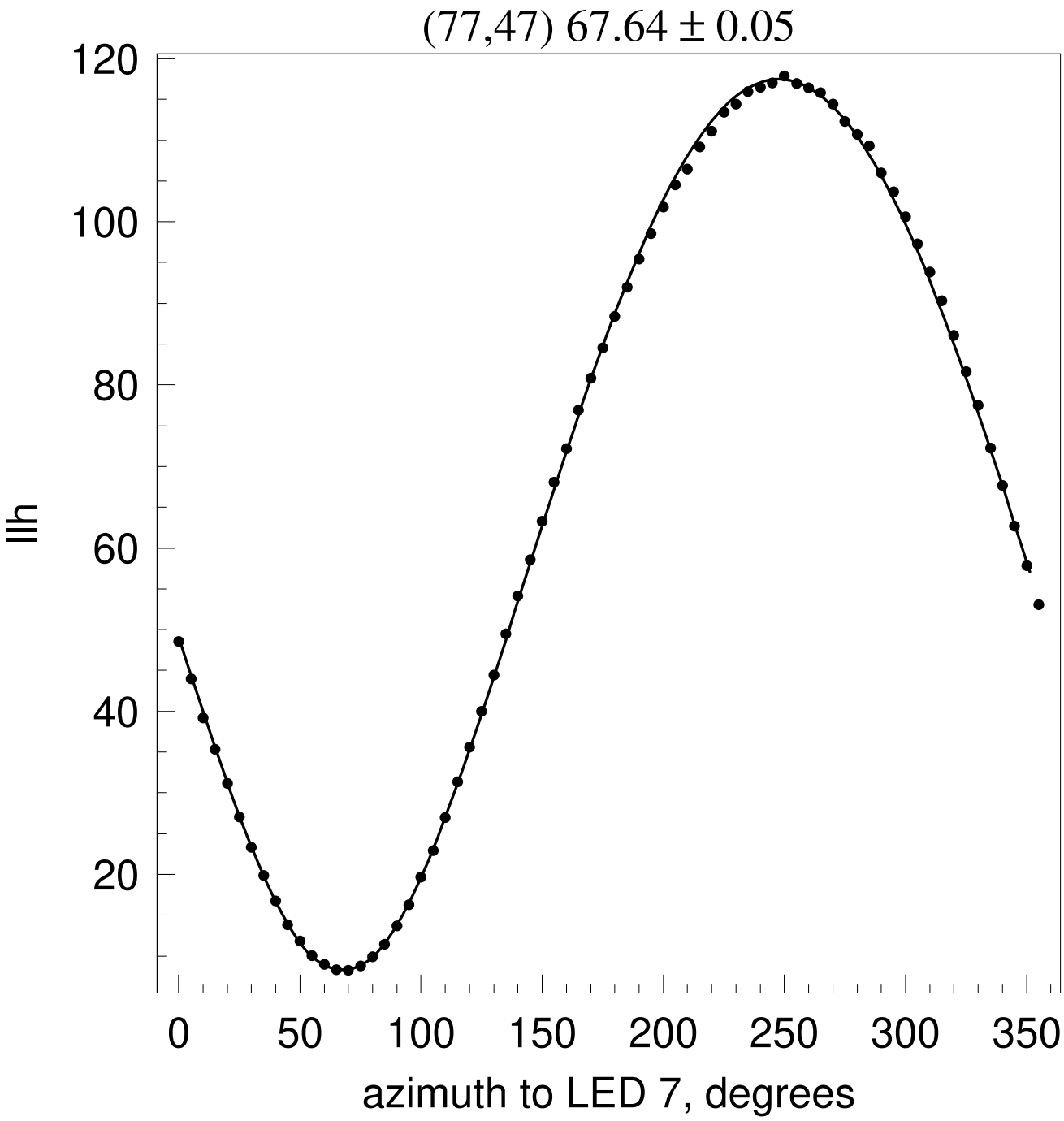

(77,42) 130.83 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

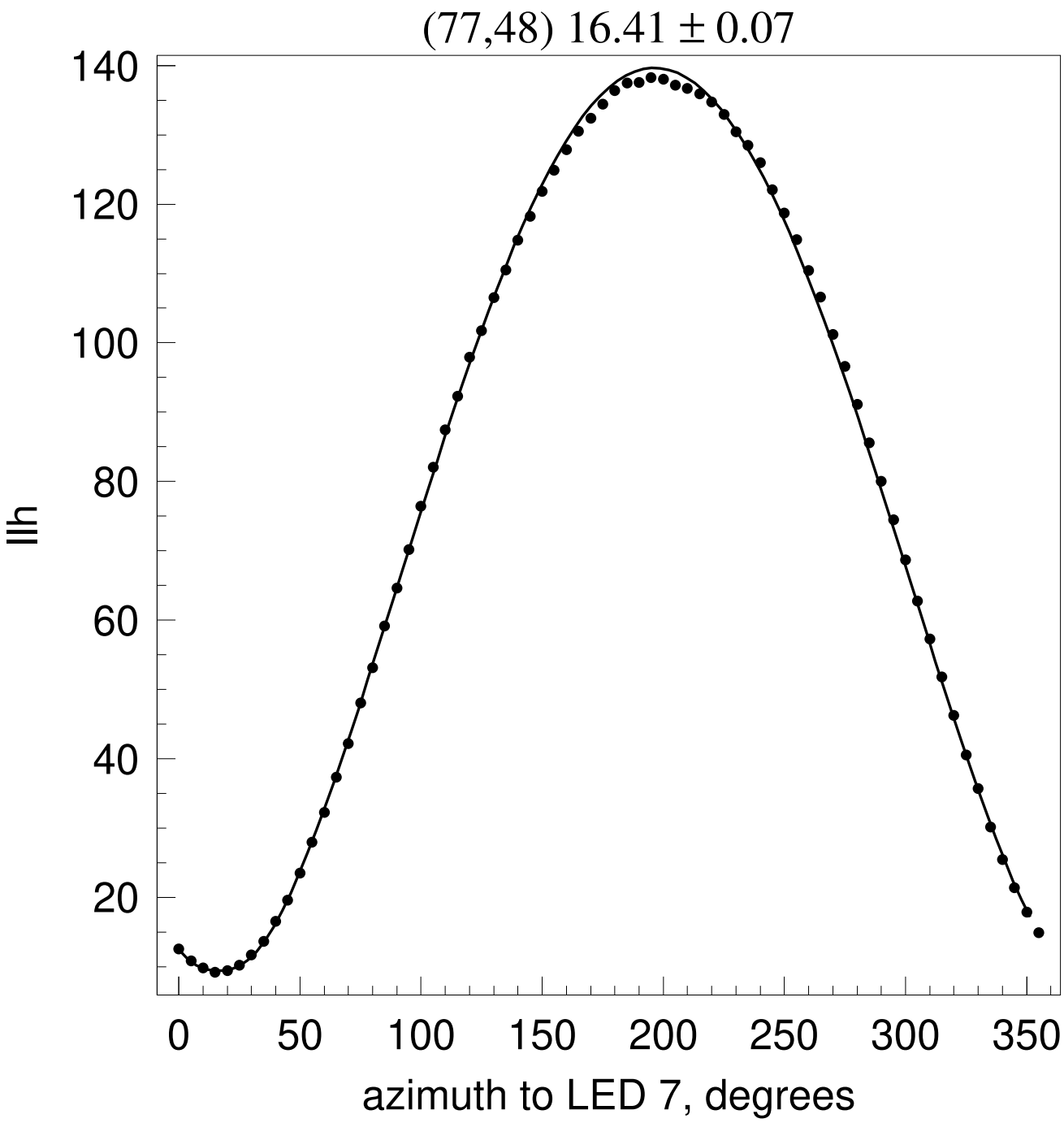

(77,43) 353.90 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

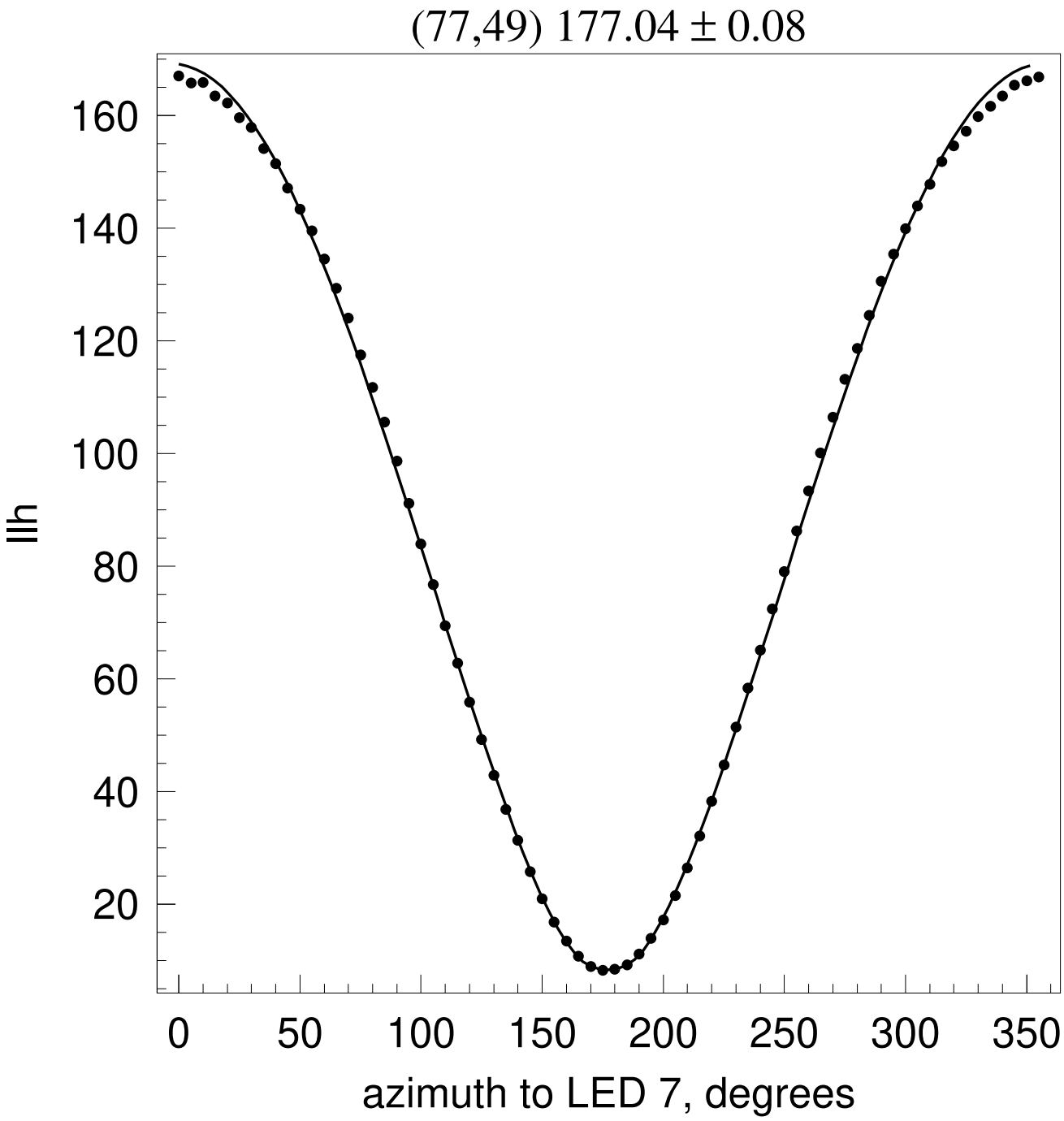

(77,44) 7.56 ± 0.05
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

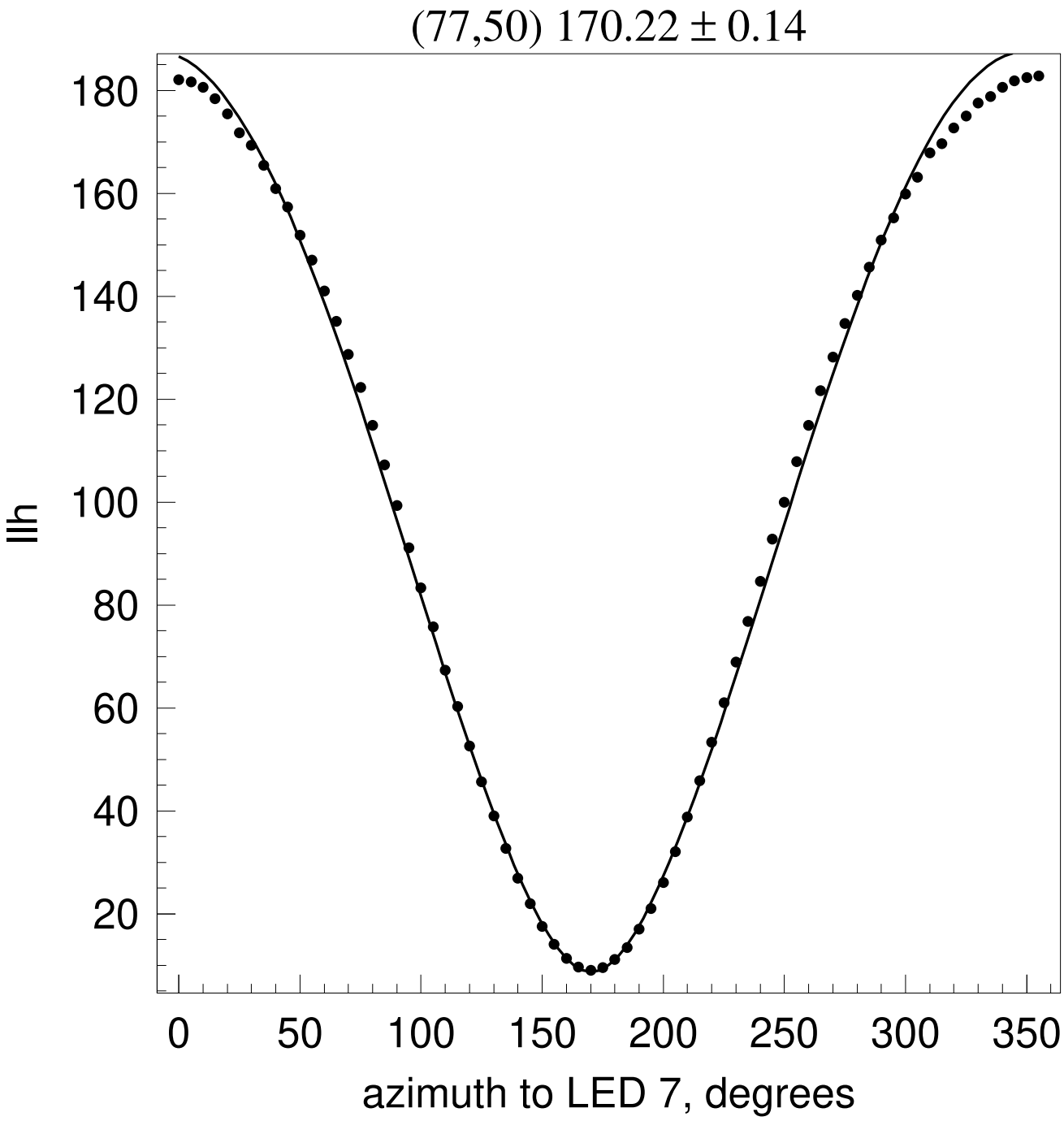

(77,45) 318.51 ± 0.07
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

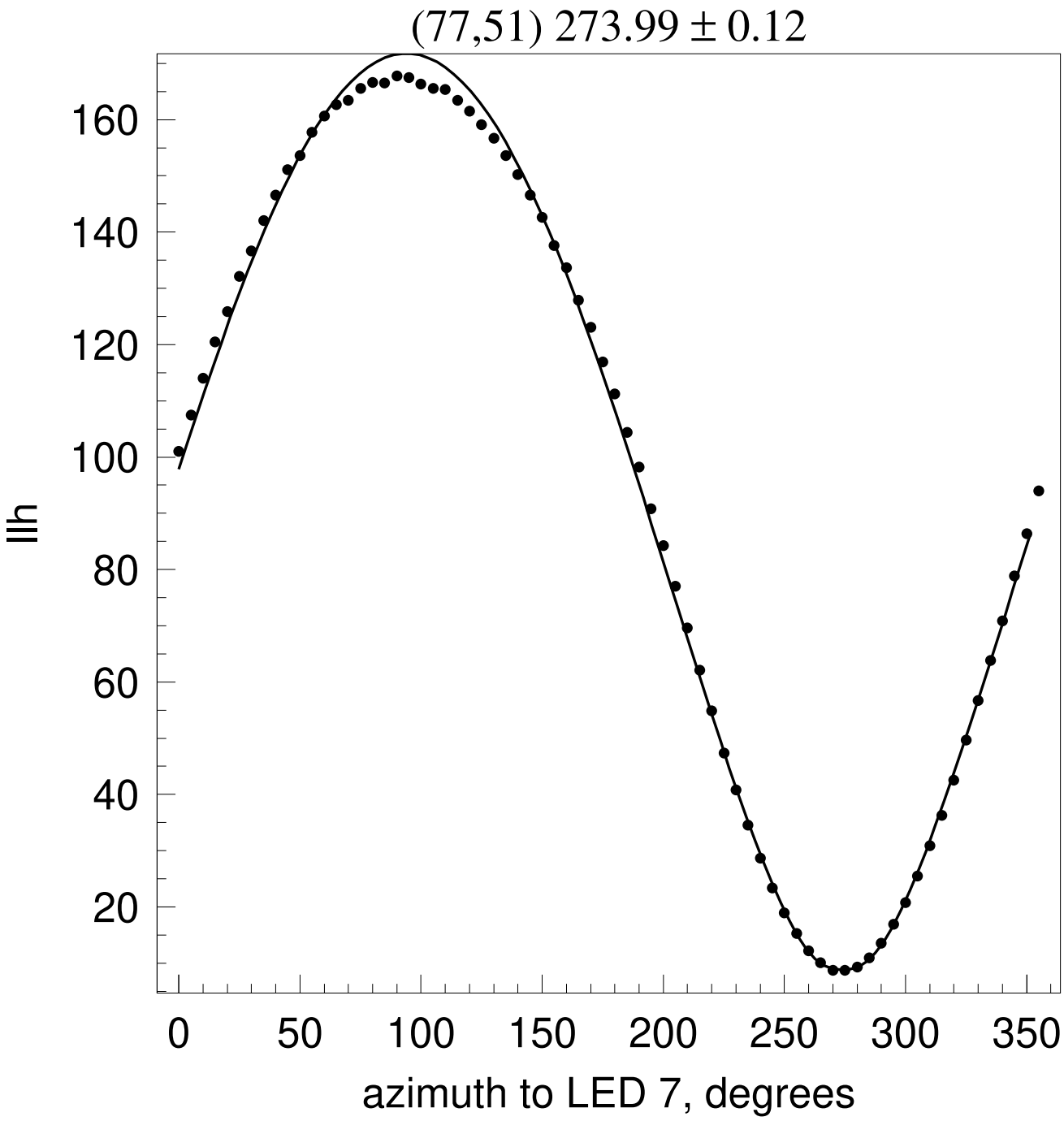

(77,46) 284.21 ± 1.26
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

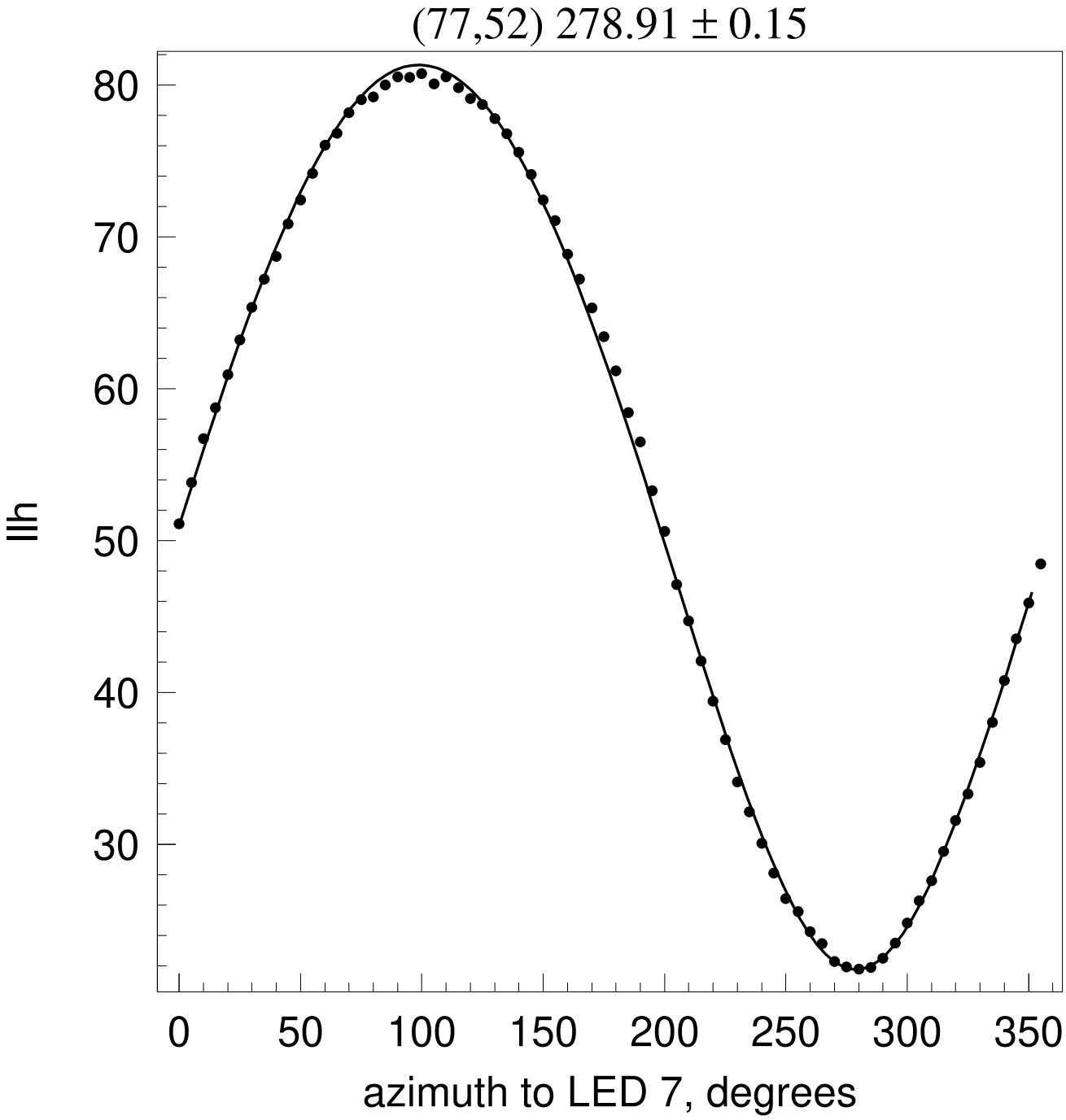

(77,47) 67.64 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

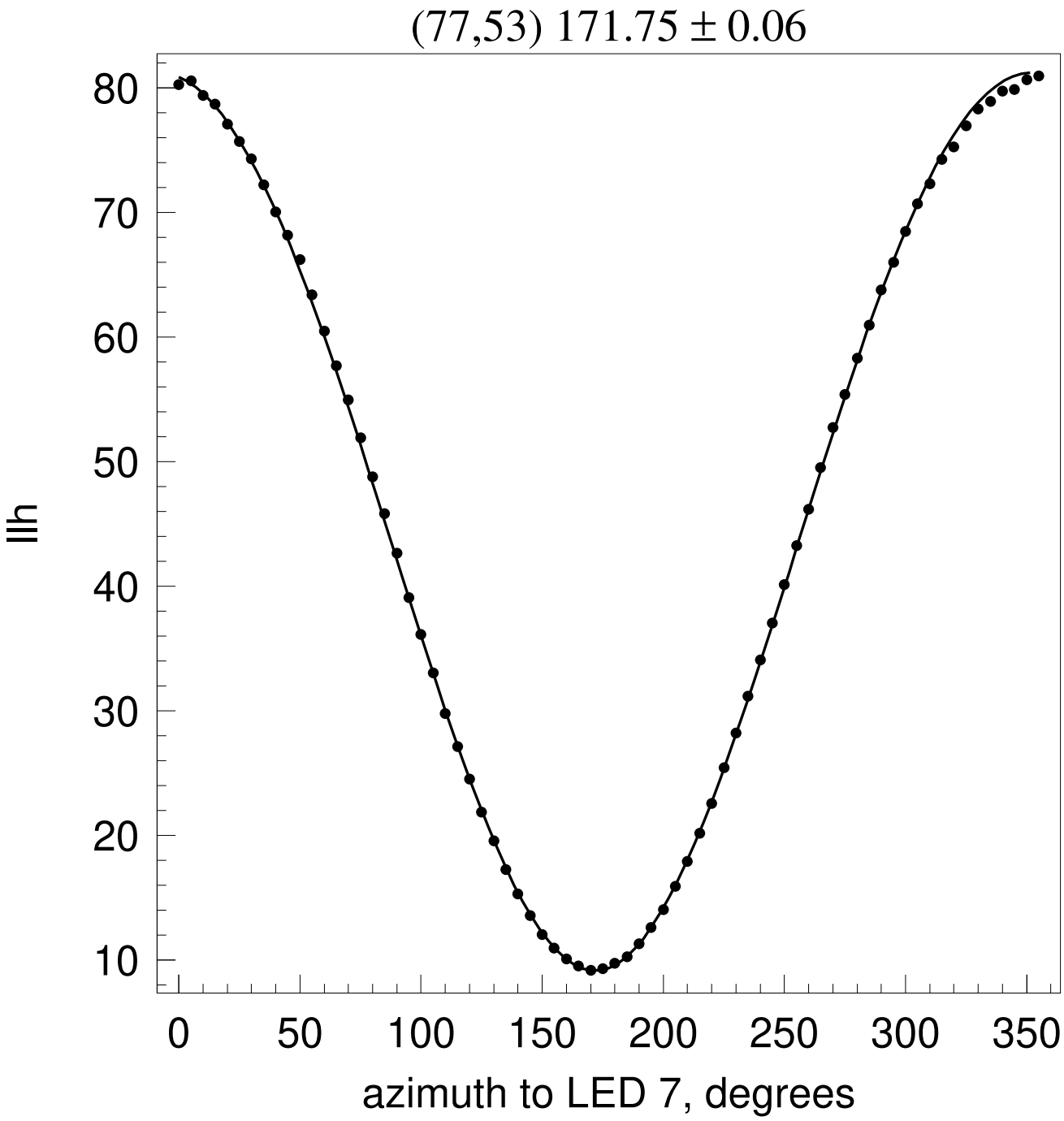

(77,48) 16.41 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

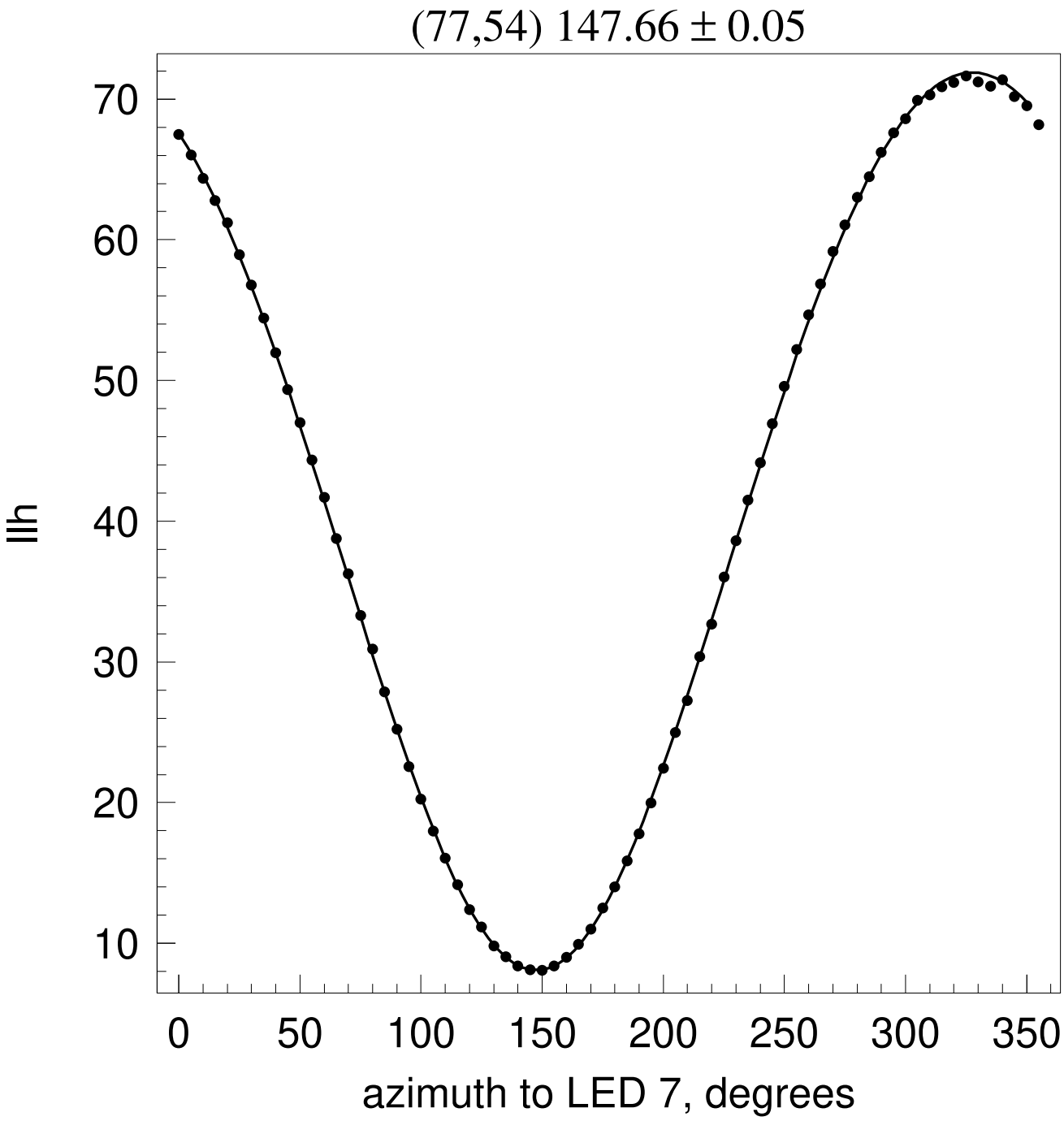

(77,49) 177.04 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

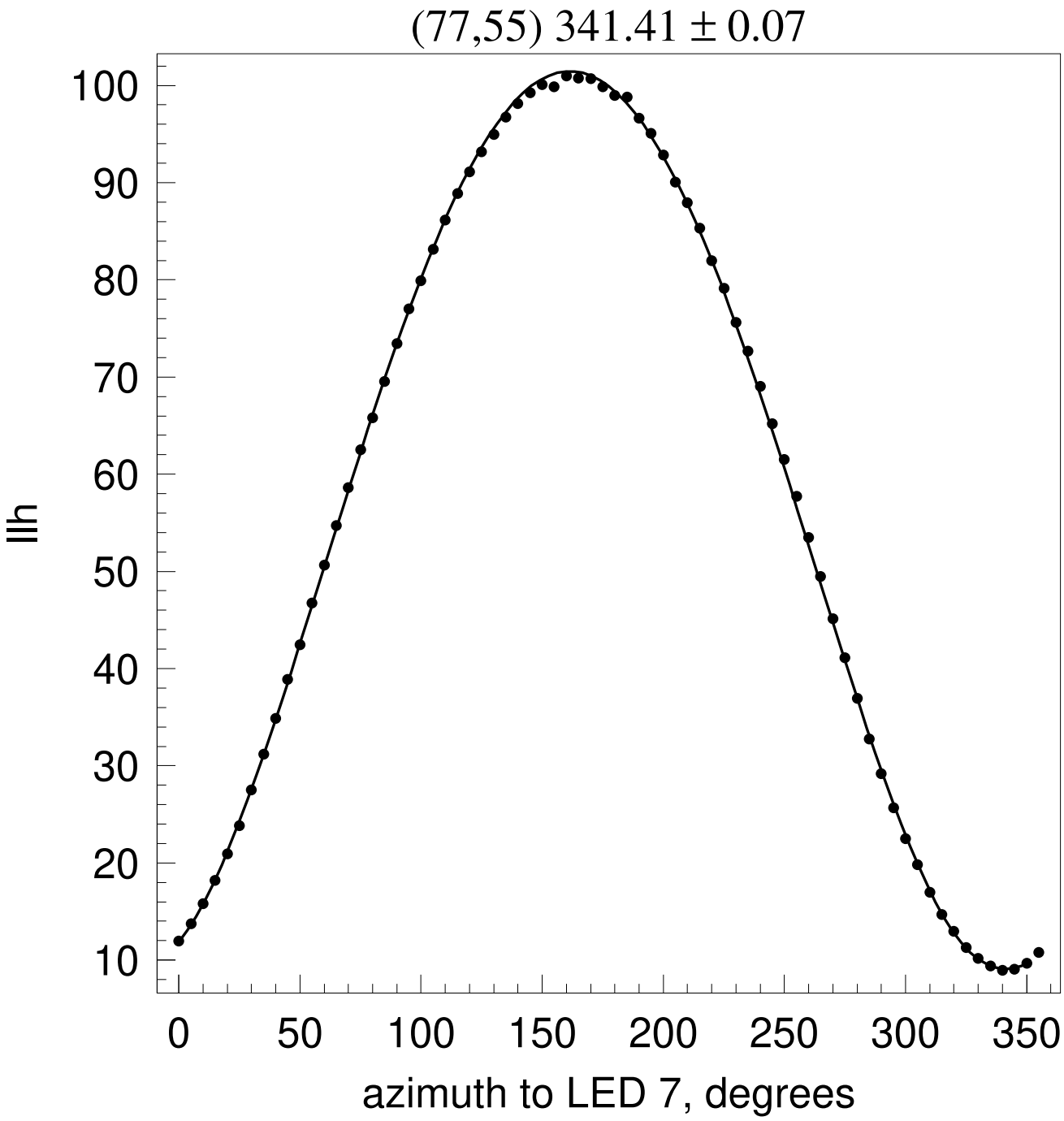

(77,50) 170.22 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

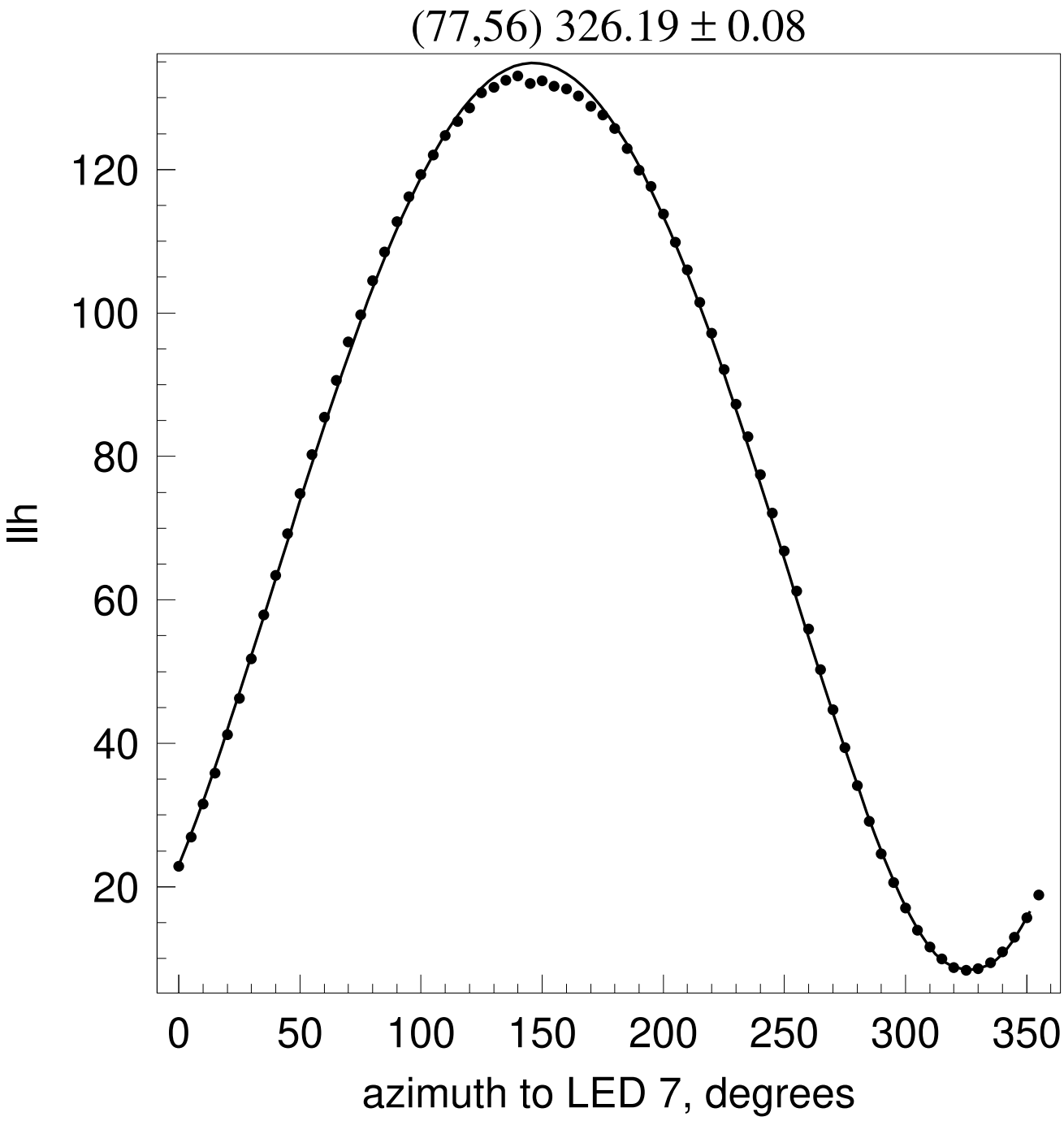

(77,51) 273.99 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

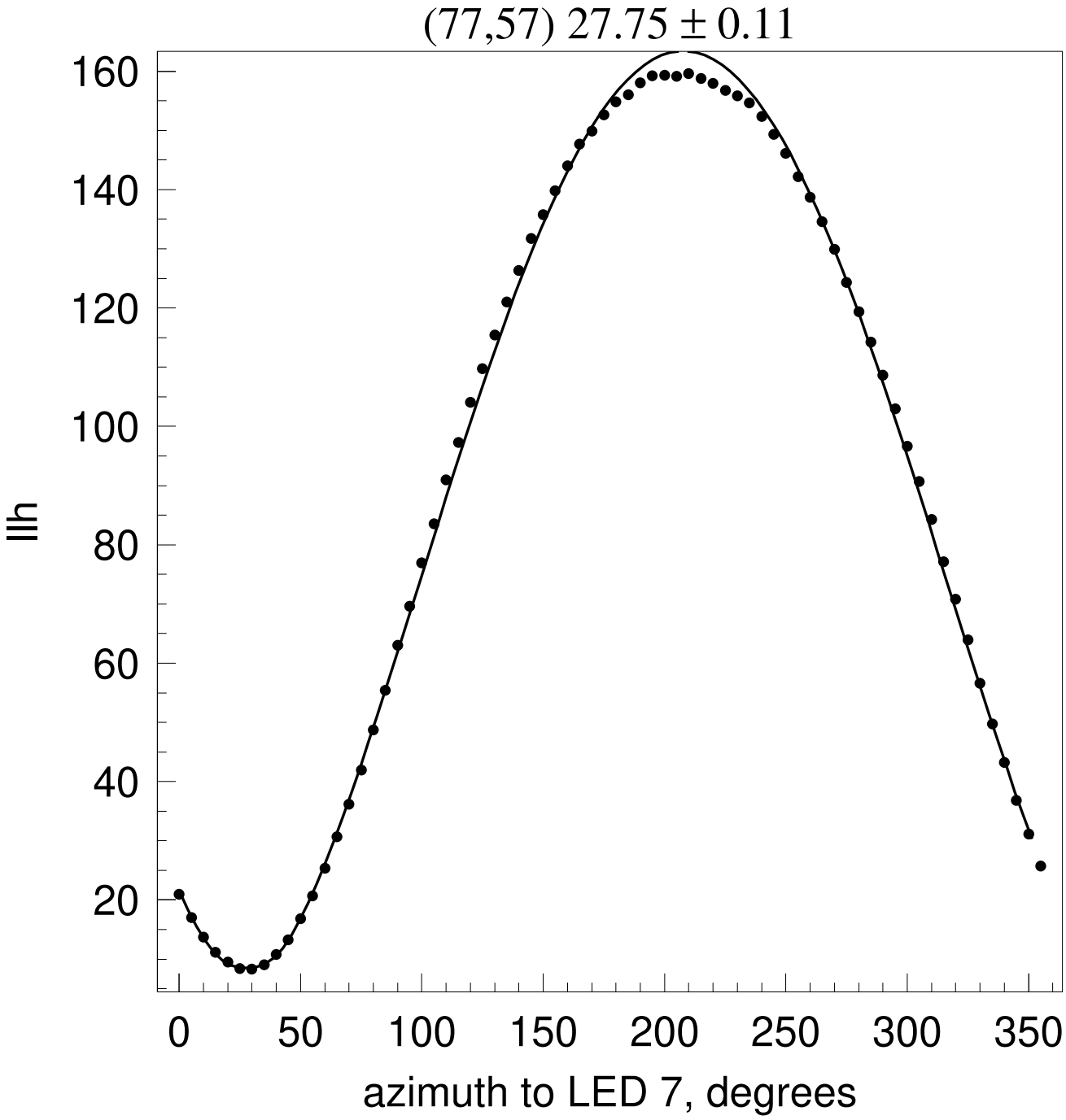

(77,52) 278.91 ± 0.15
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

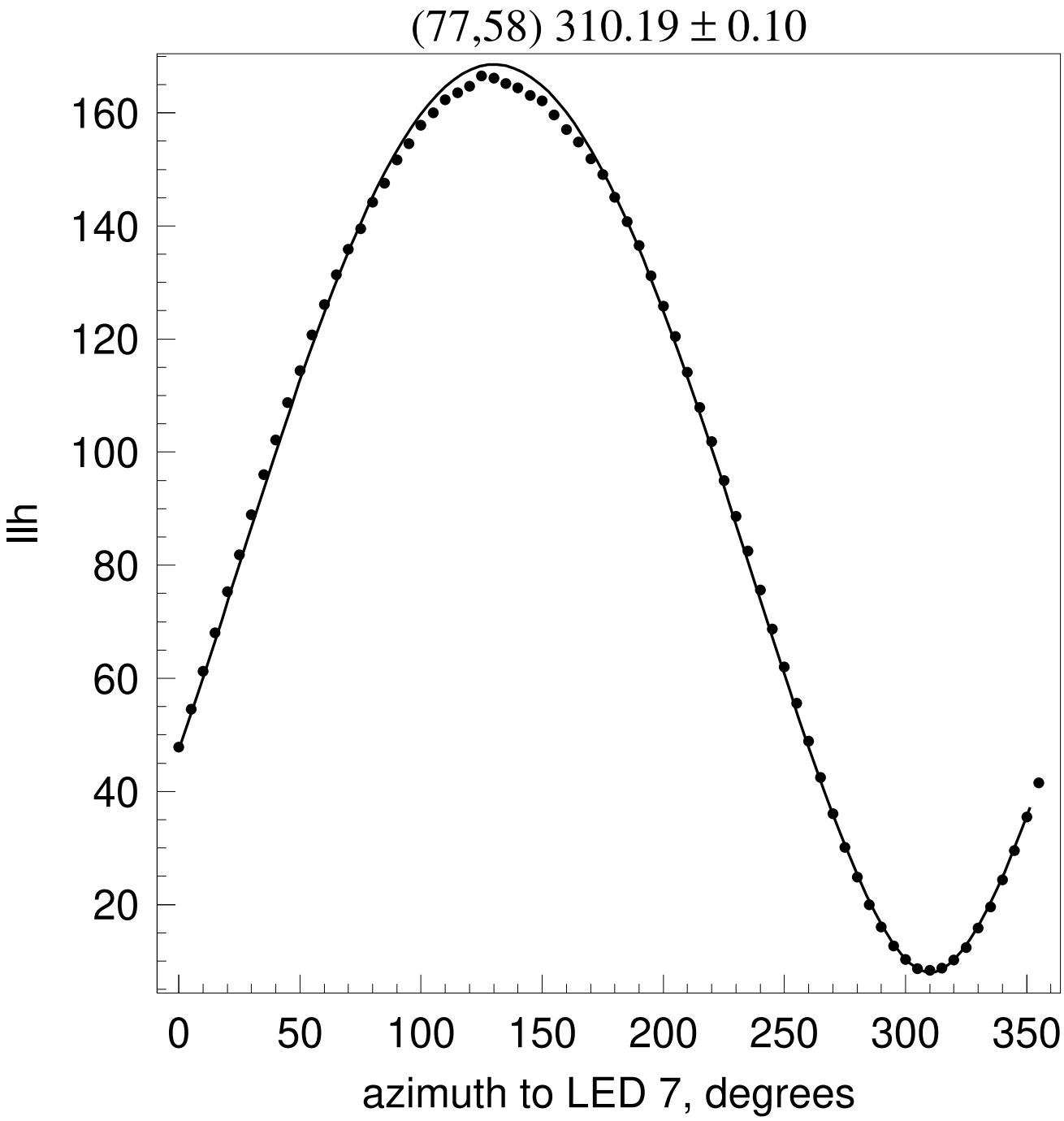

(77,53) 171.75 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

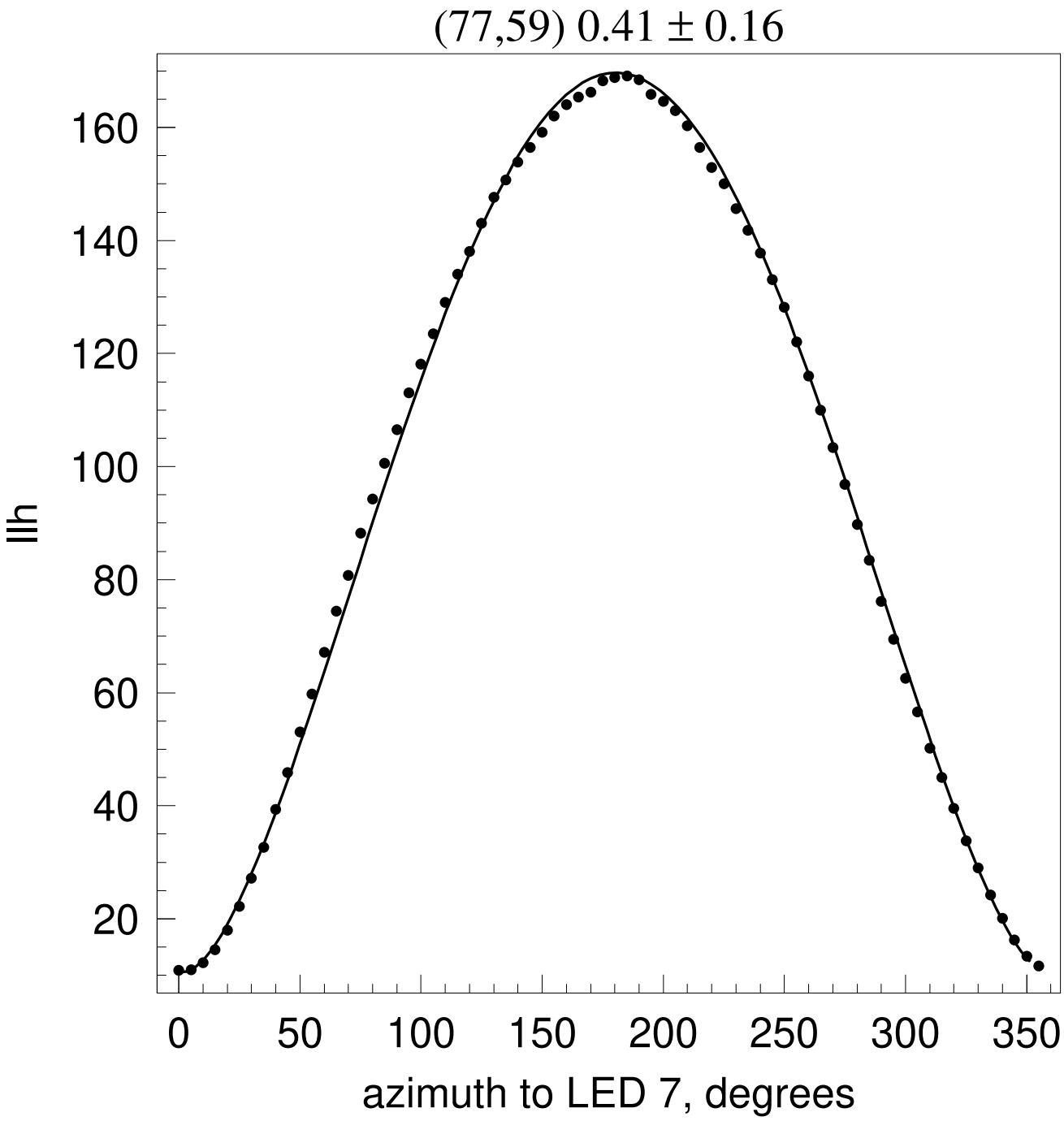

(77,54) 147.66 ± 0.05
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

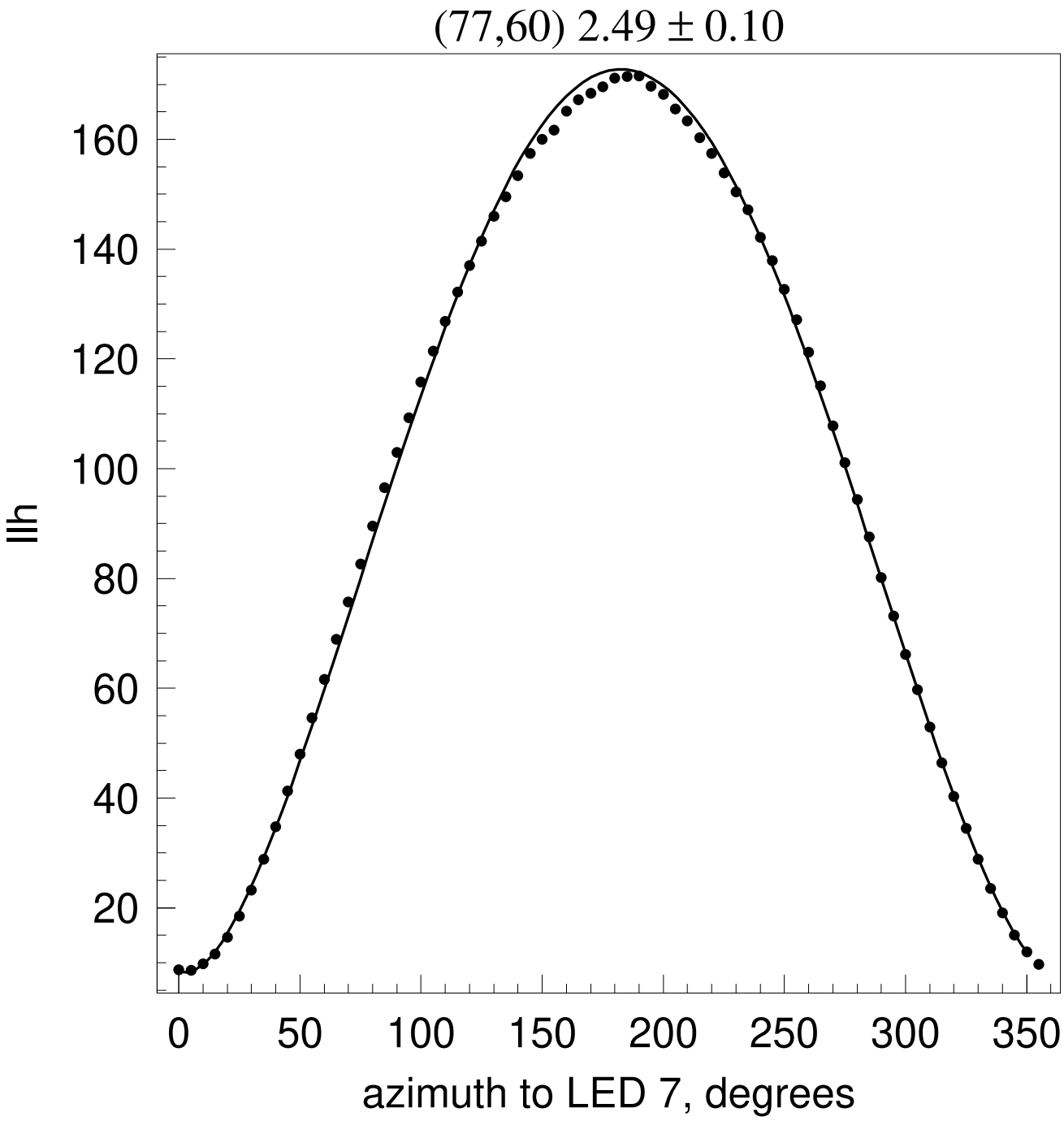

(77,55) 341.41 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

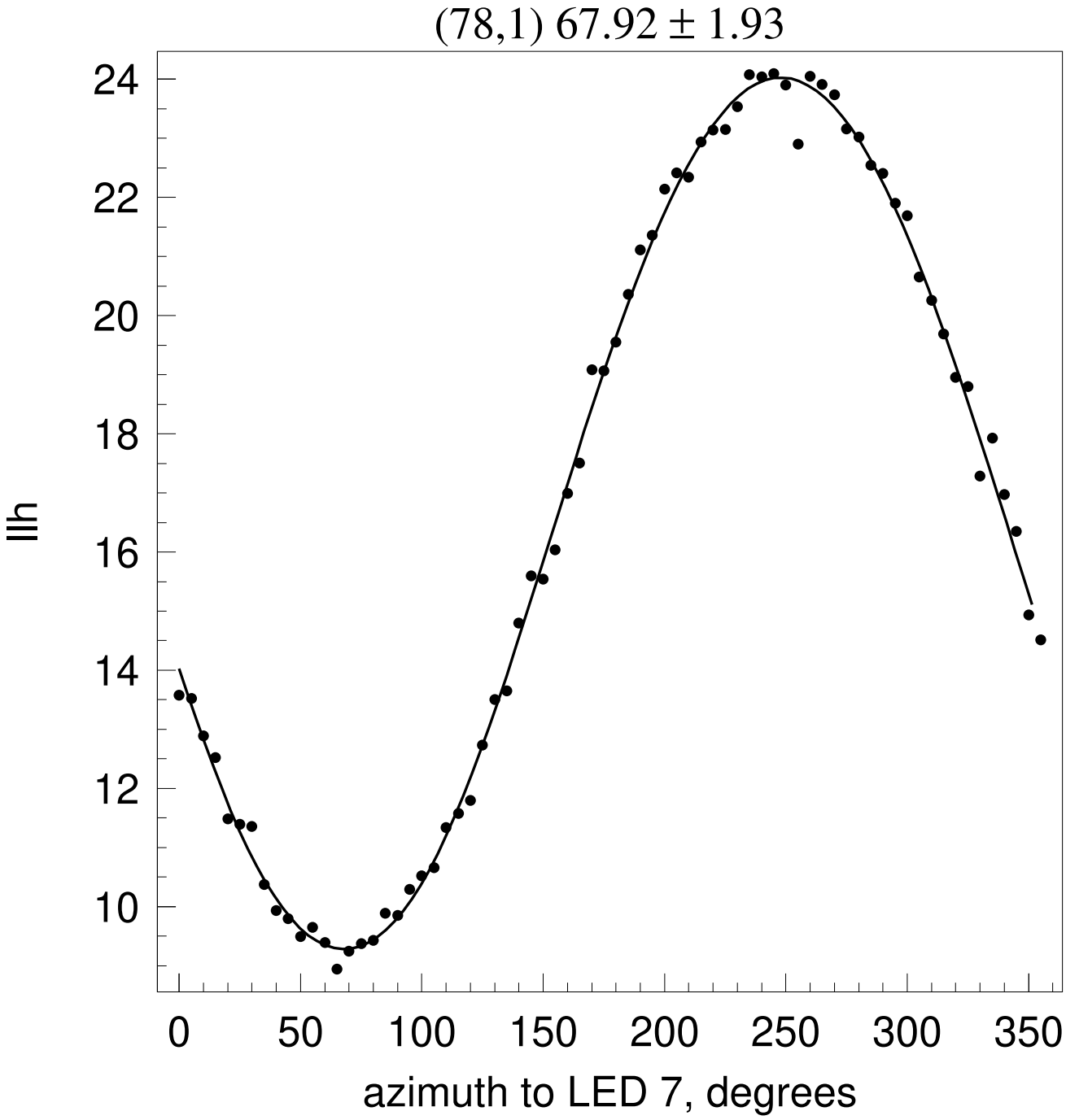

(77,56) 326.19 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

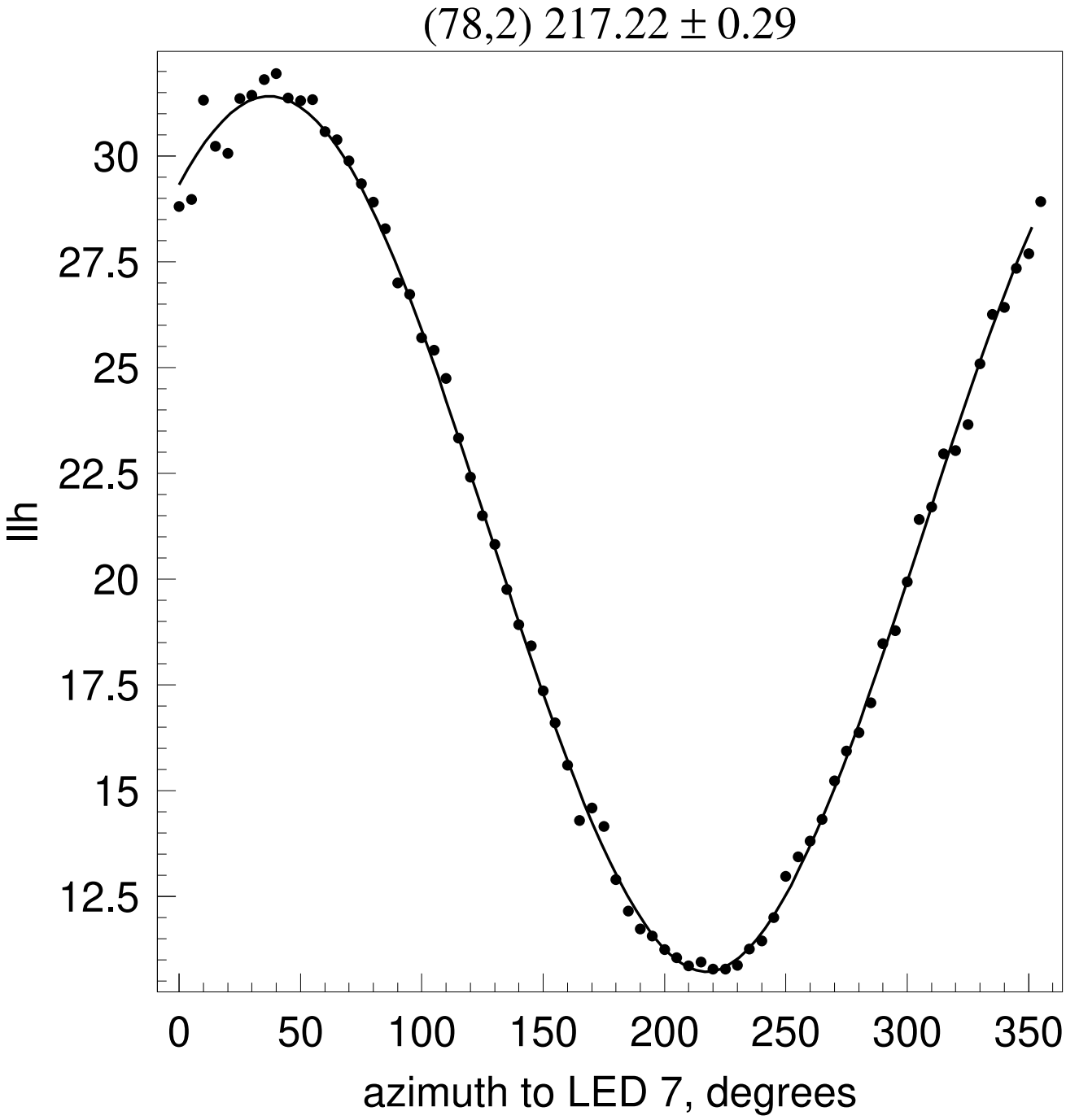

(77,57) 27.75 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

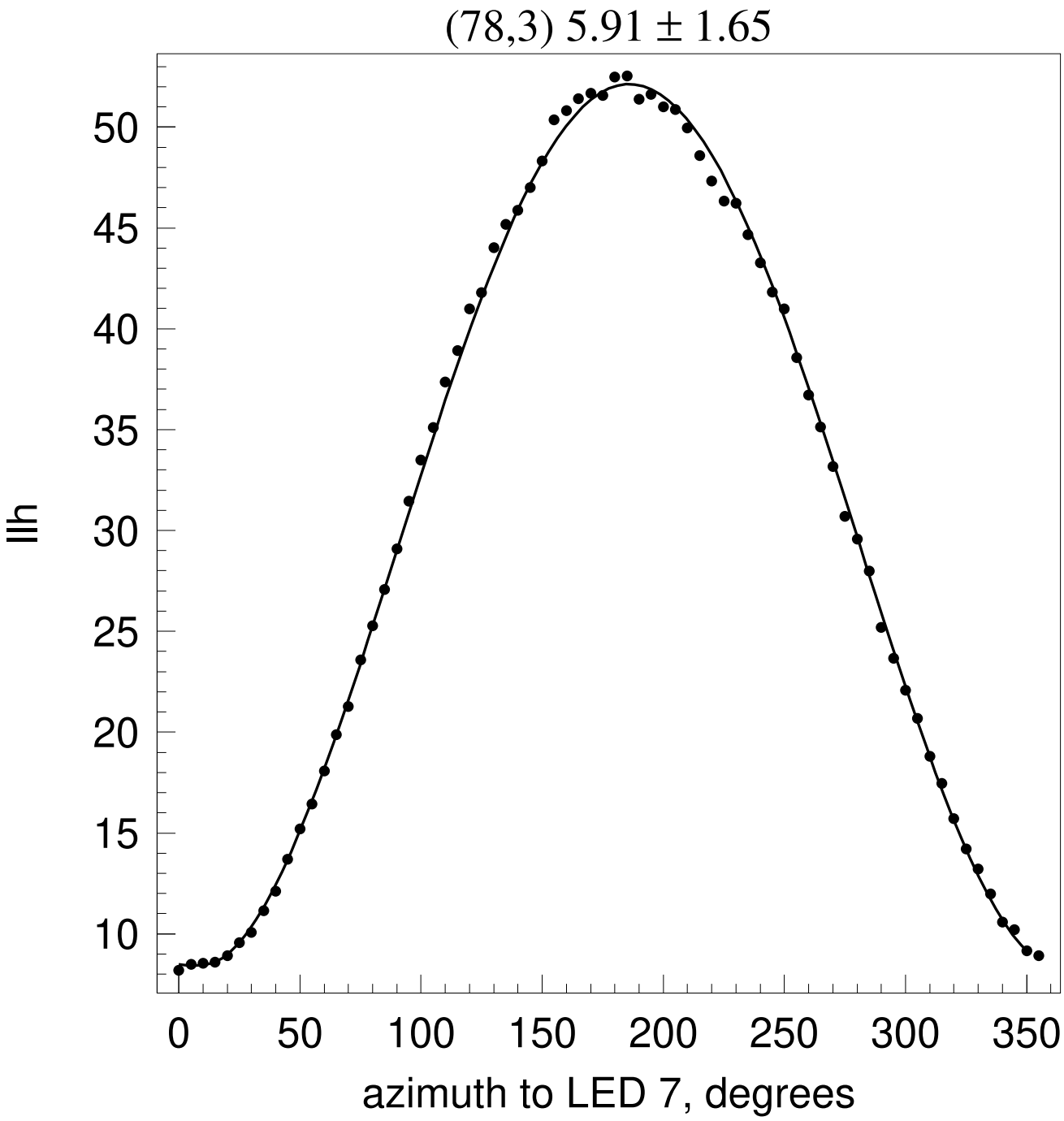

(77,58) 310.19 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

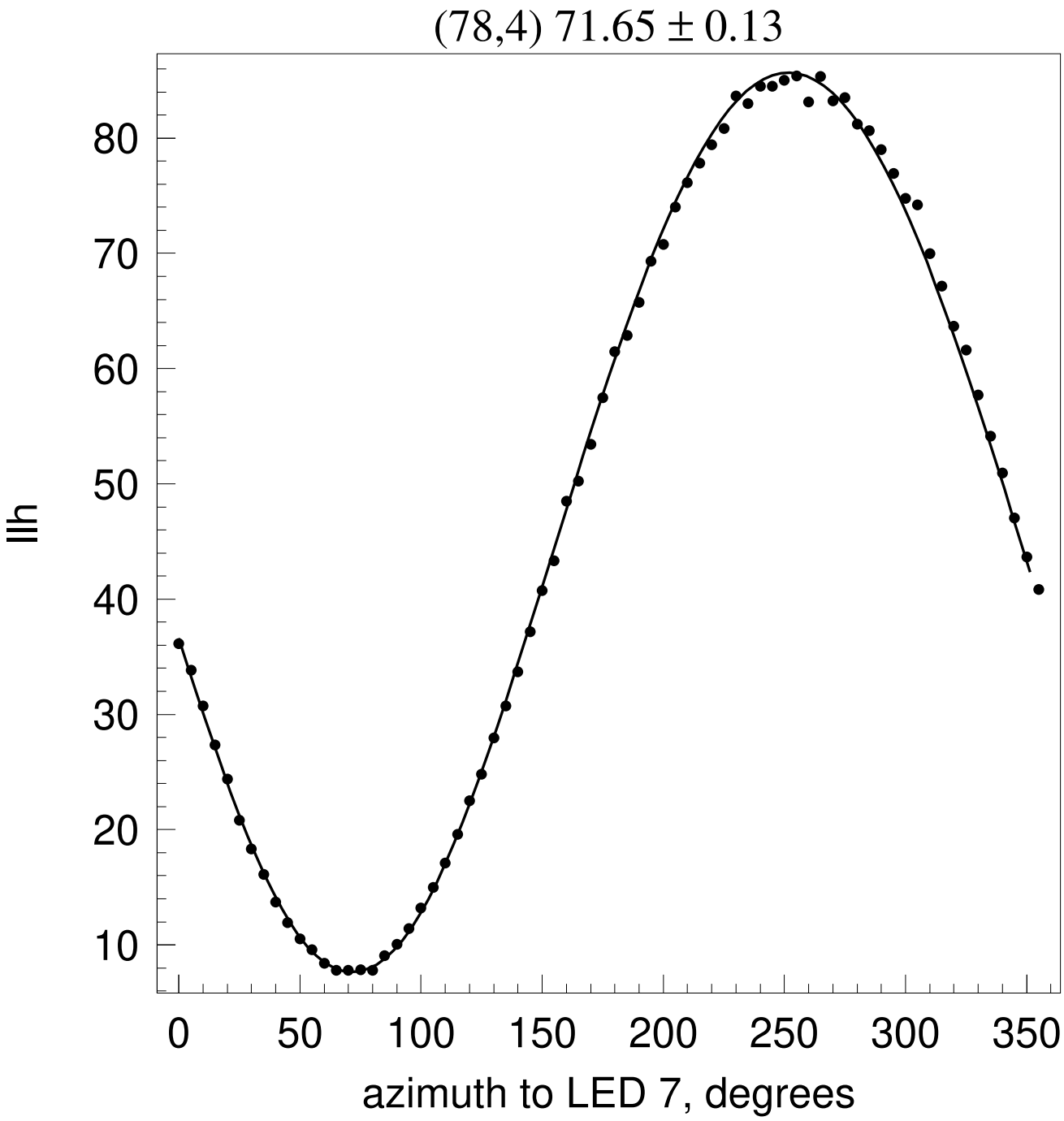

(77,59) 0.41 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

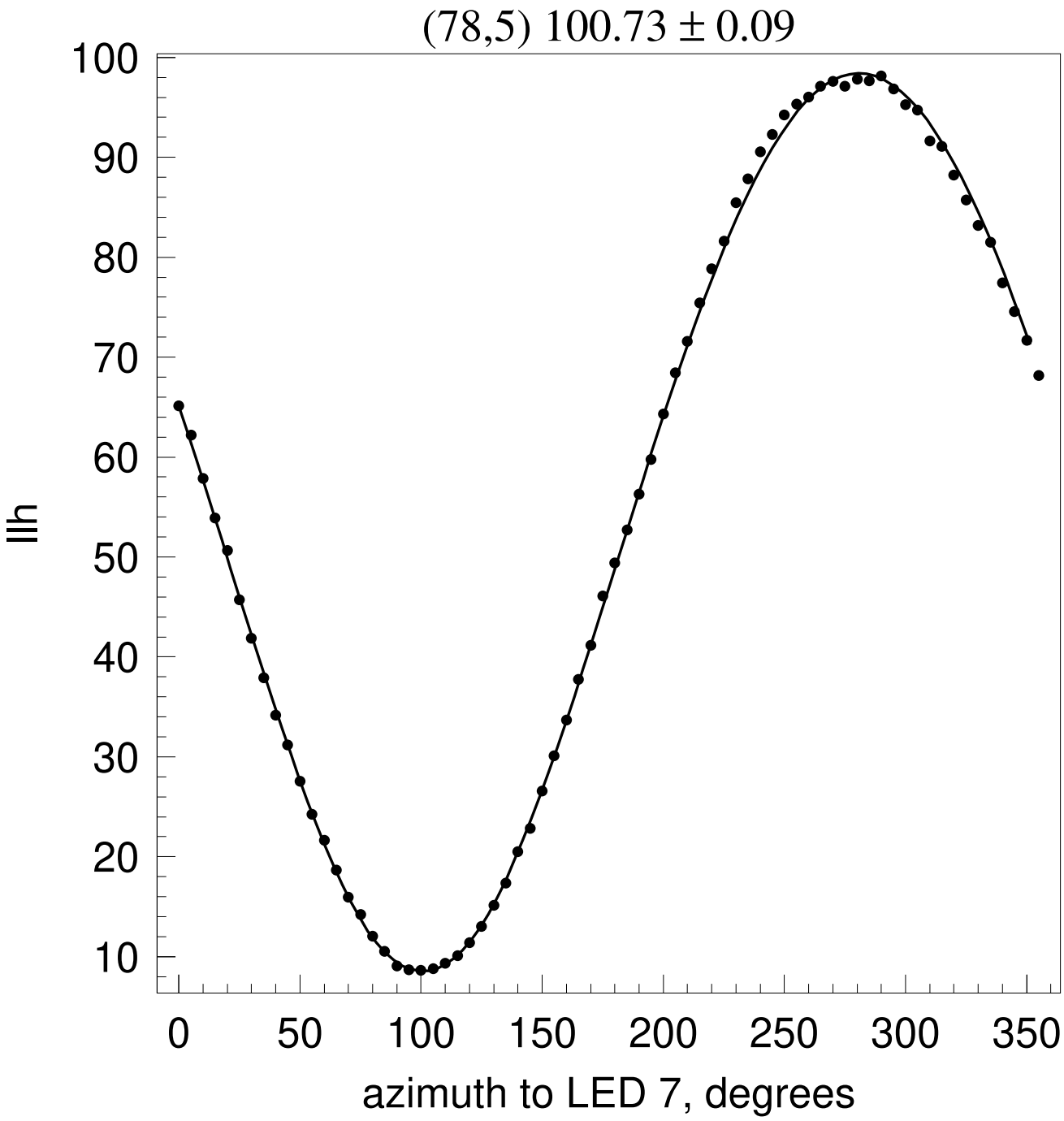

(77,60) 2.49 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

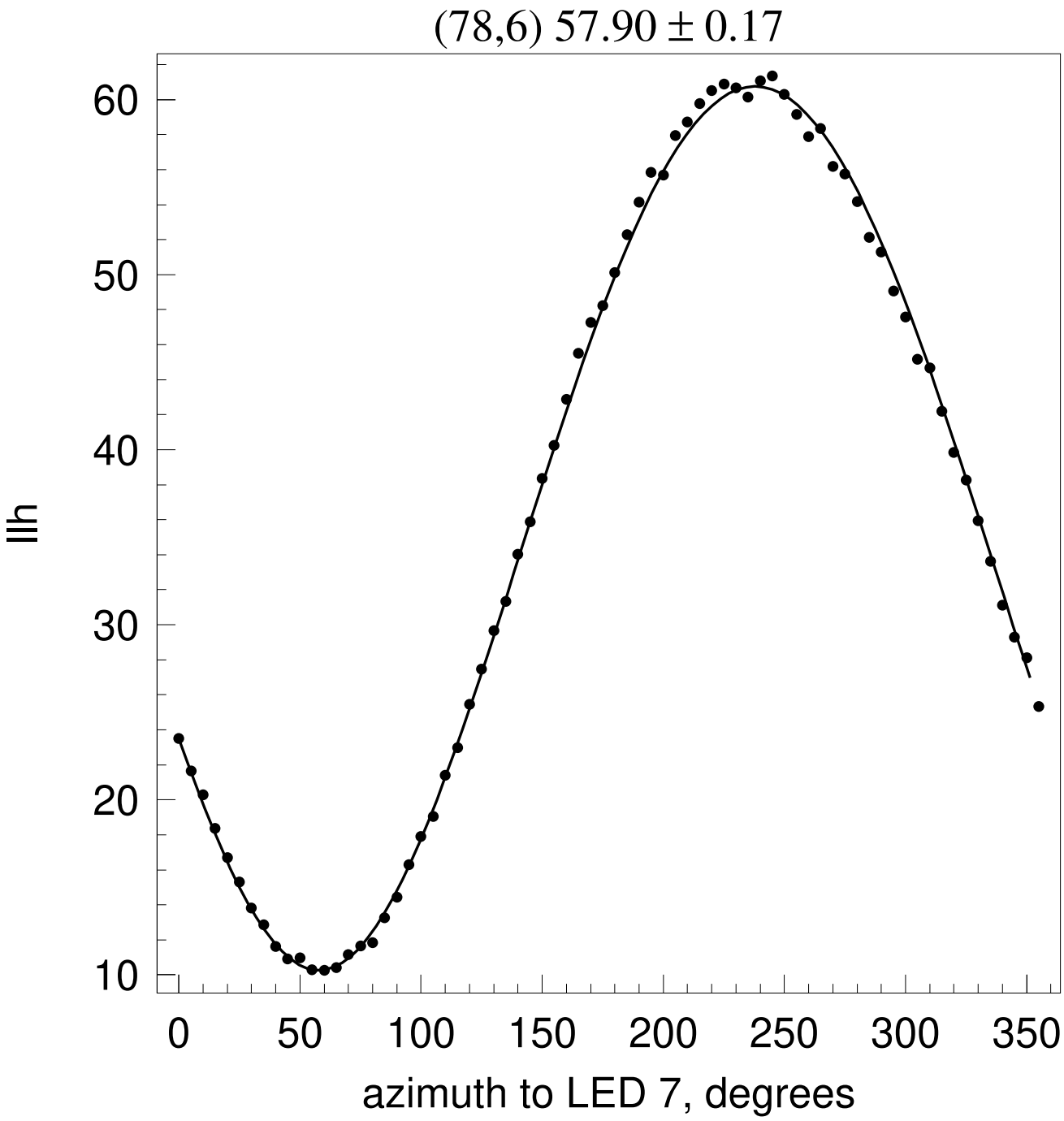

(78,1) 67.92 ± 1.93
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

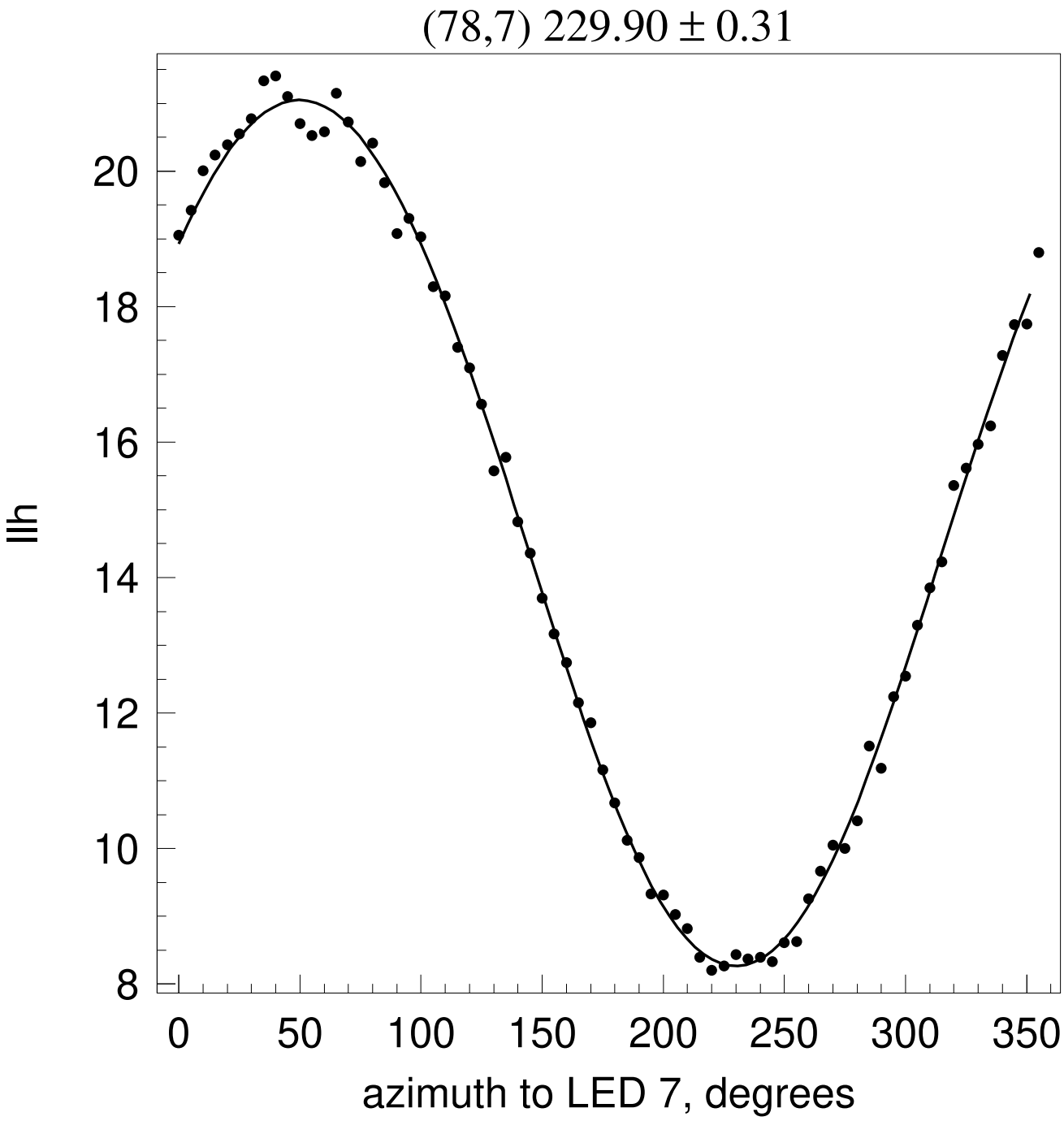

(78,2) 217.22 ± 0.29
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

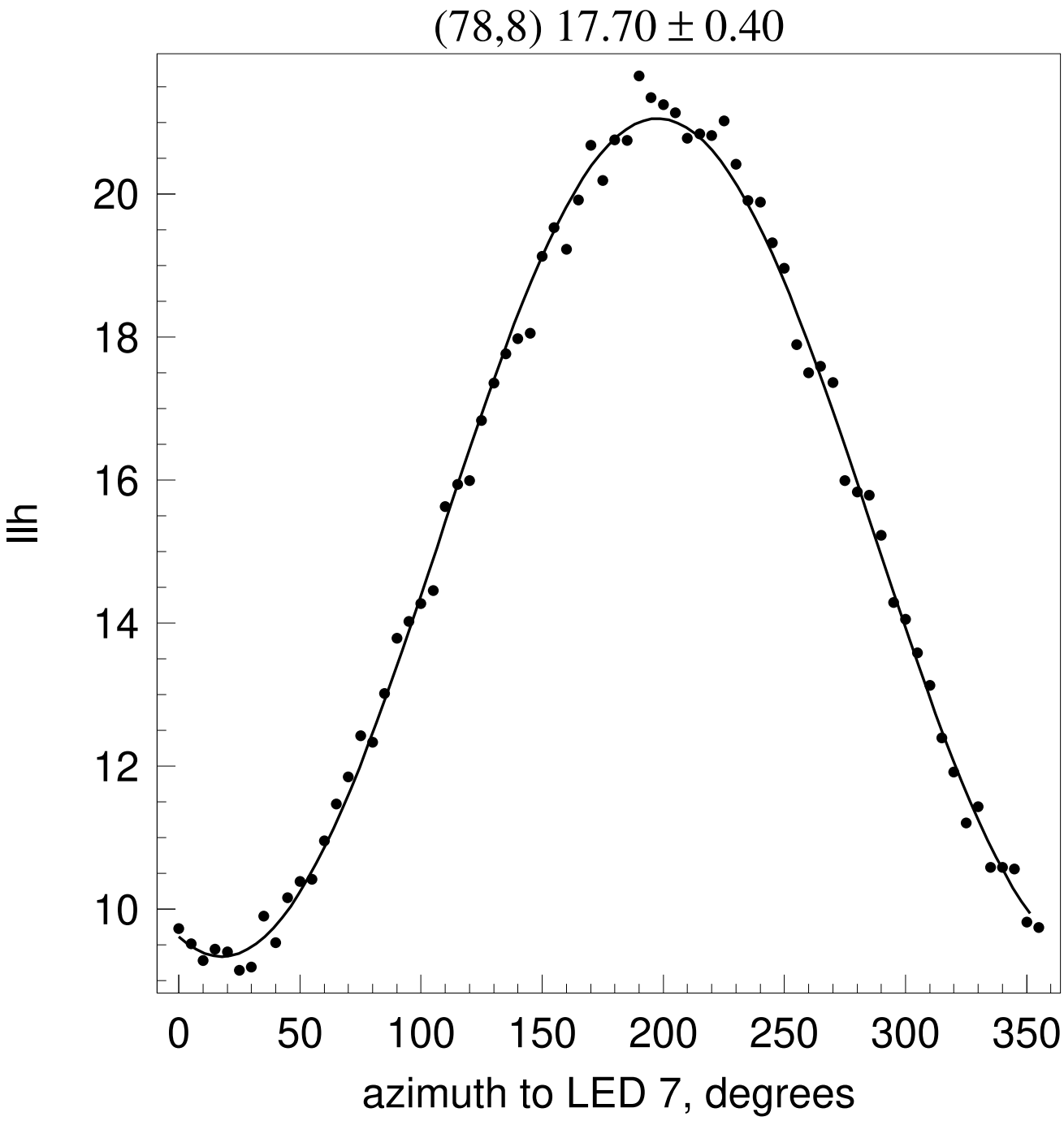

(78,3) 5.91 ± 1.65
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

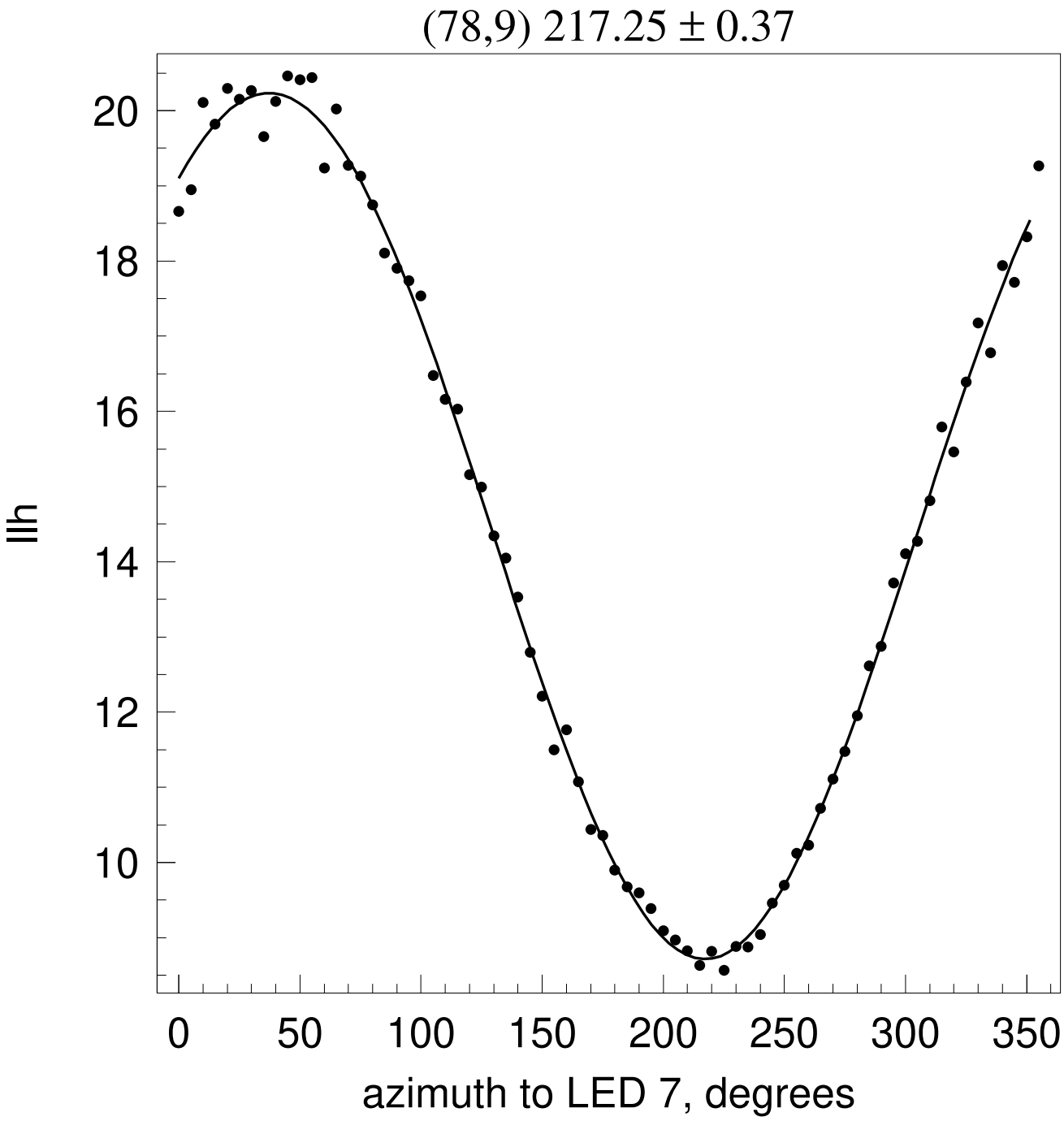

(78,4) 71.65 ± 0.13
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

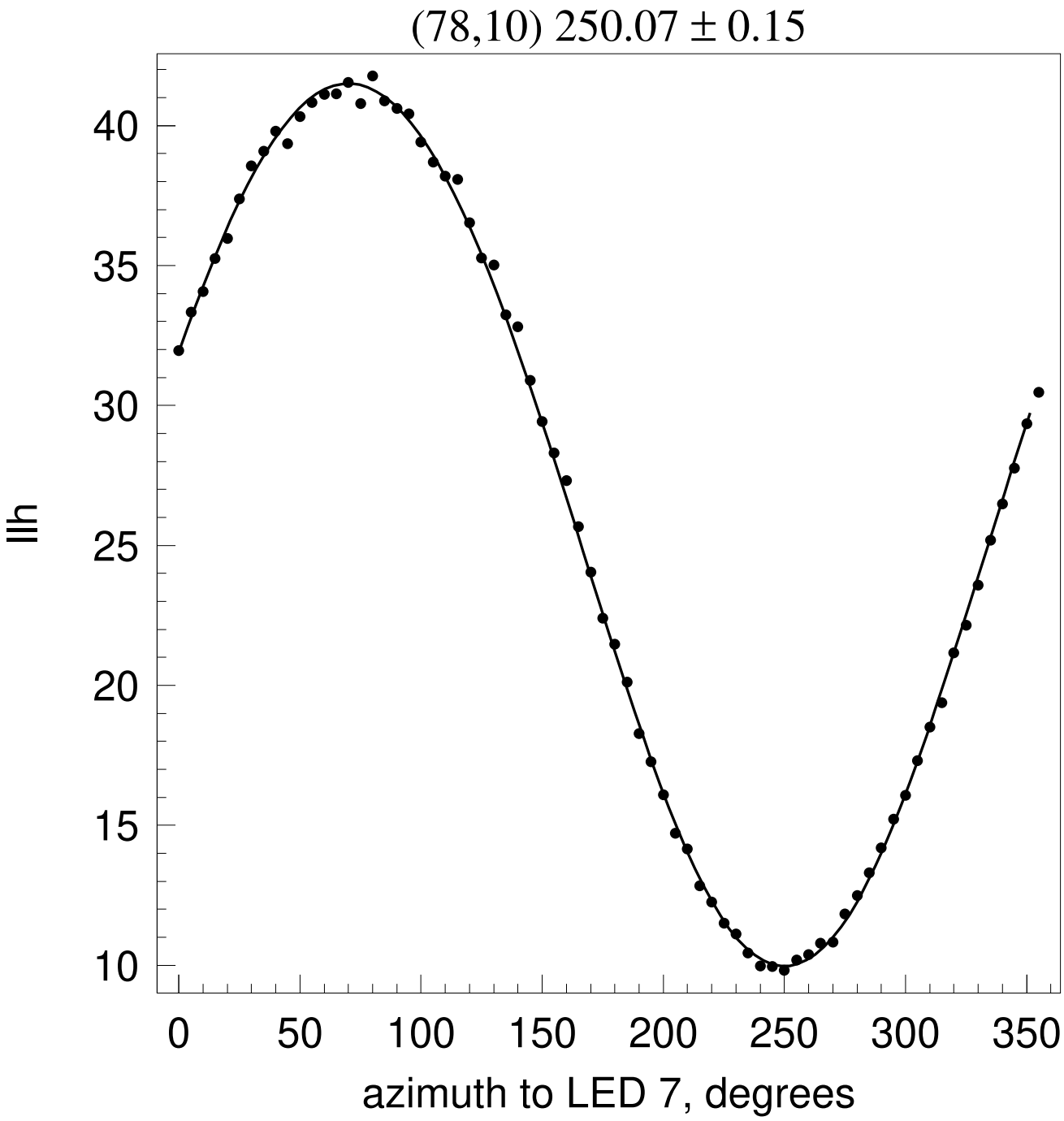

(78,5) 100.73 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

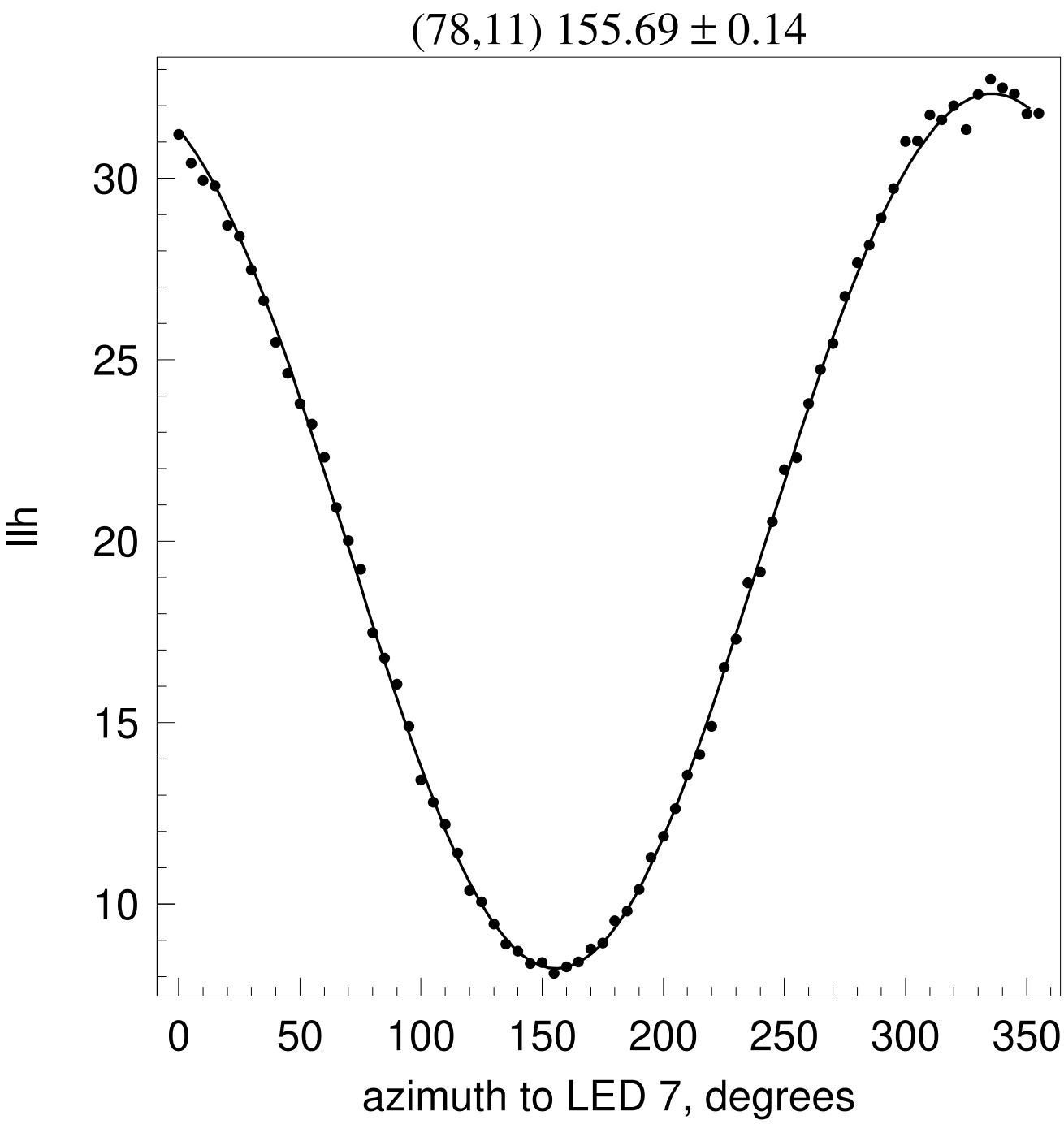

(78,6) 57.90 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

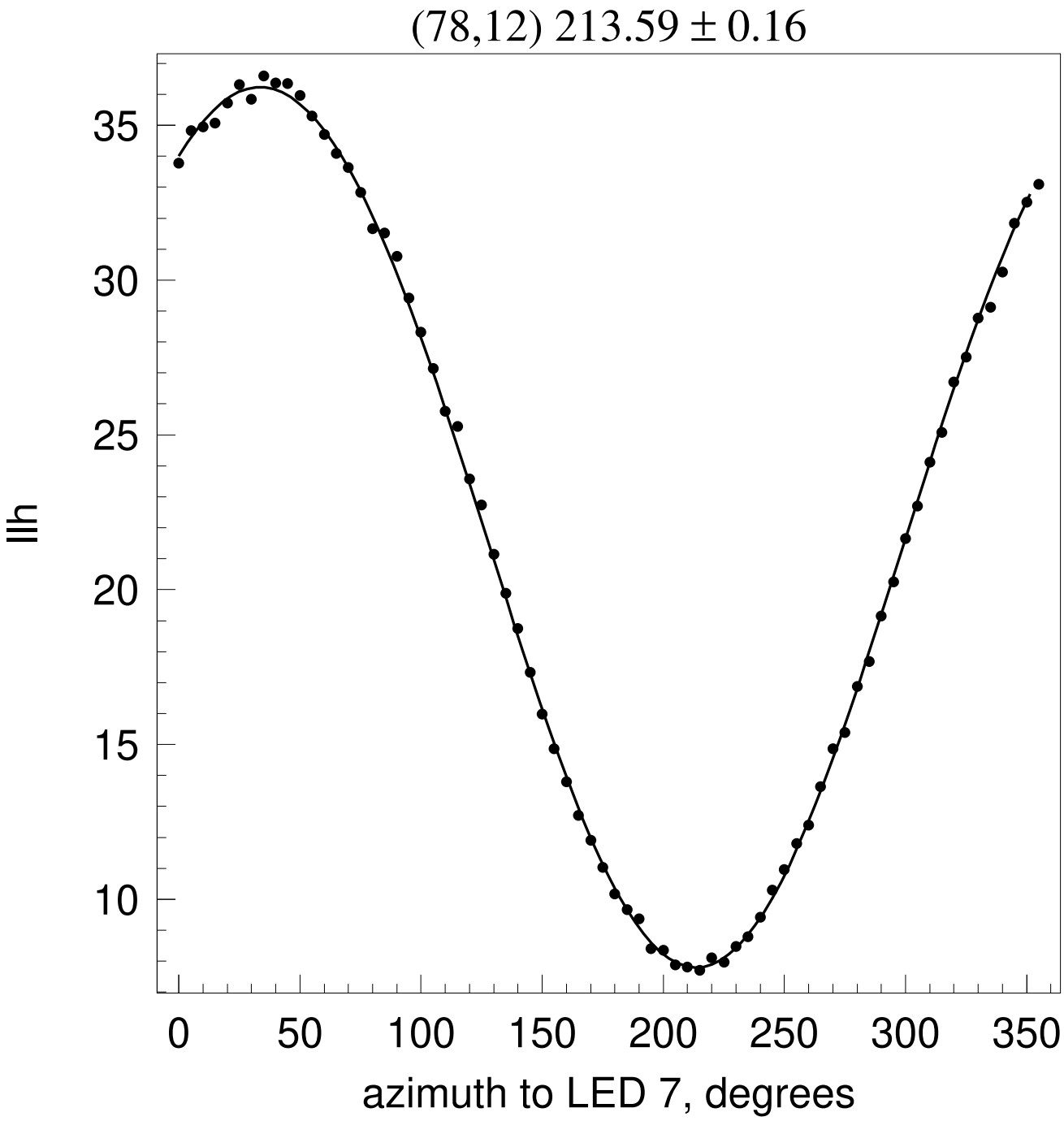

(78,7) 229.90 ± 0.31
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

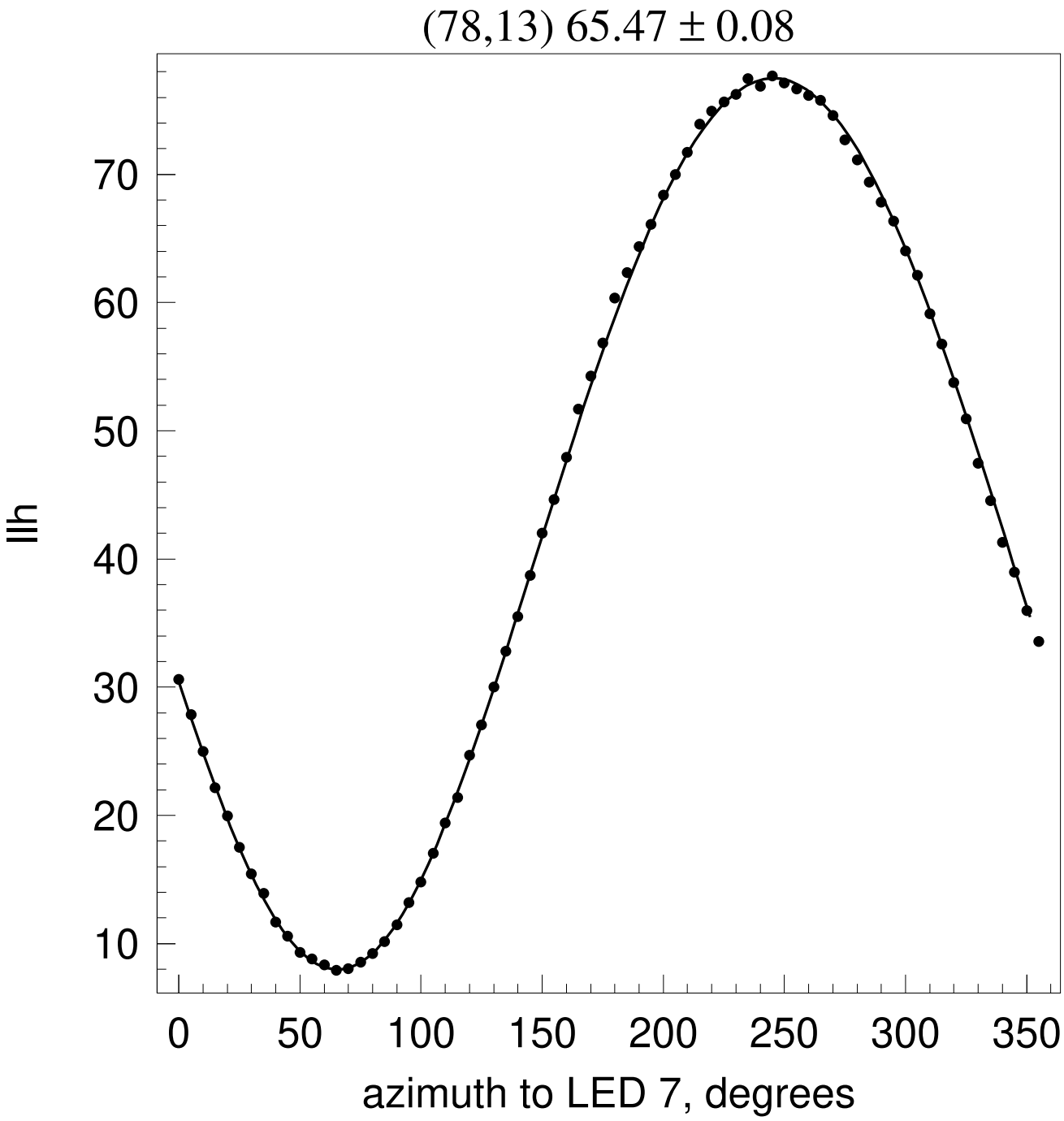

(78,8) 17.70 ± 0.40
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

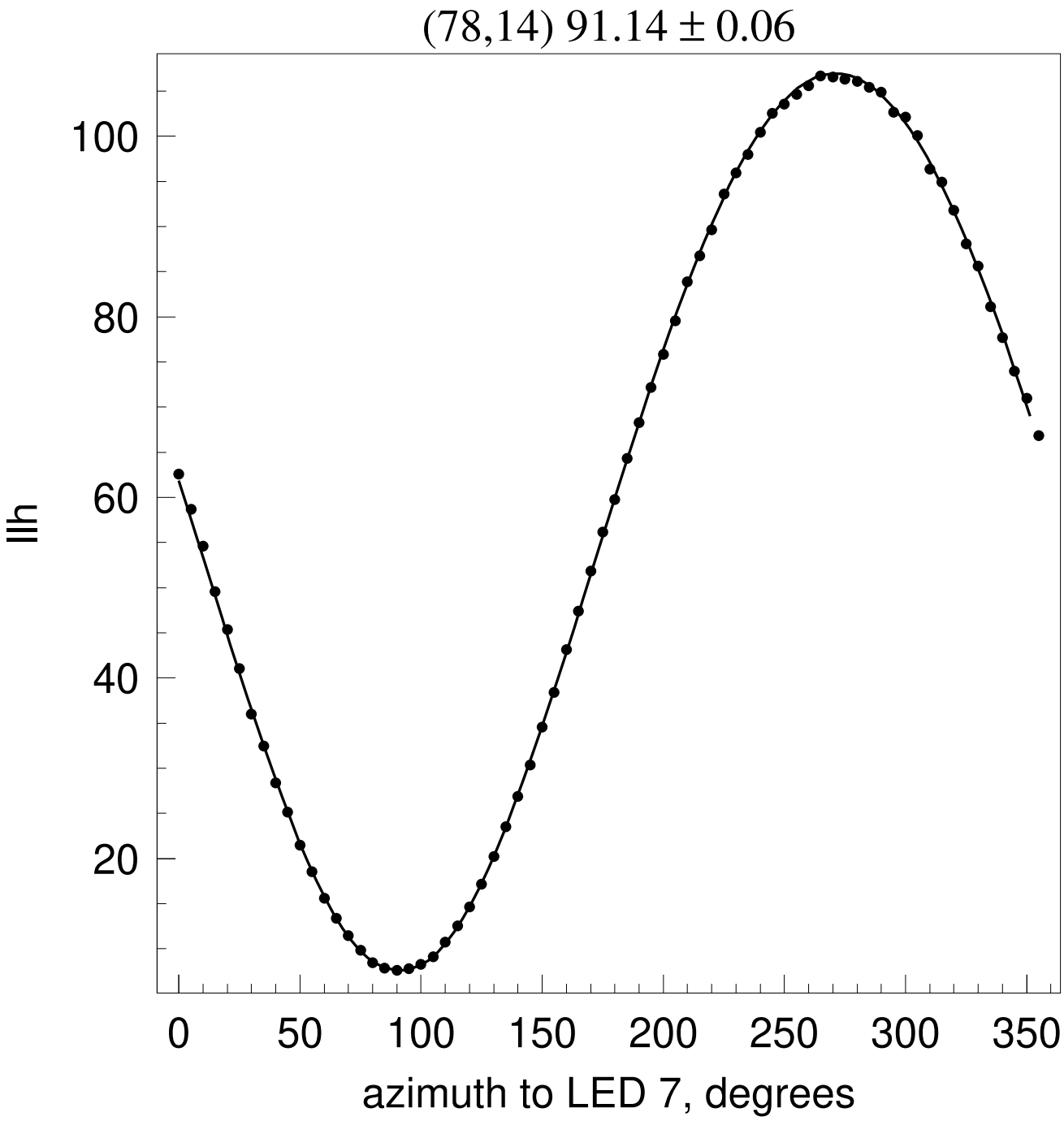

(78,9) 217.25 ± 0.37
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

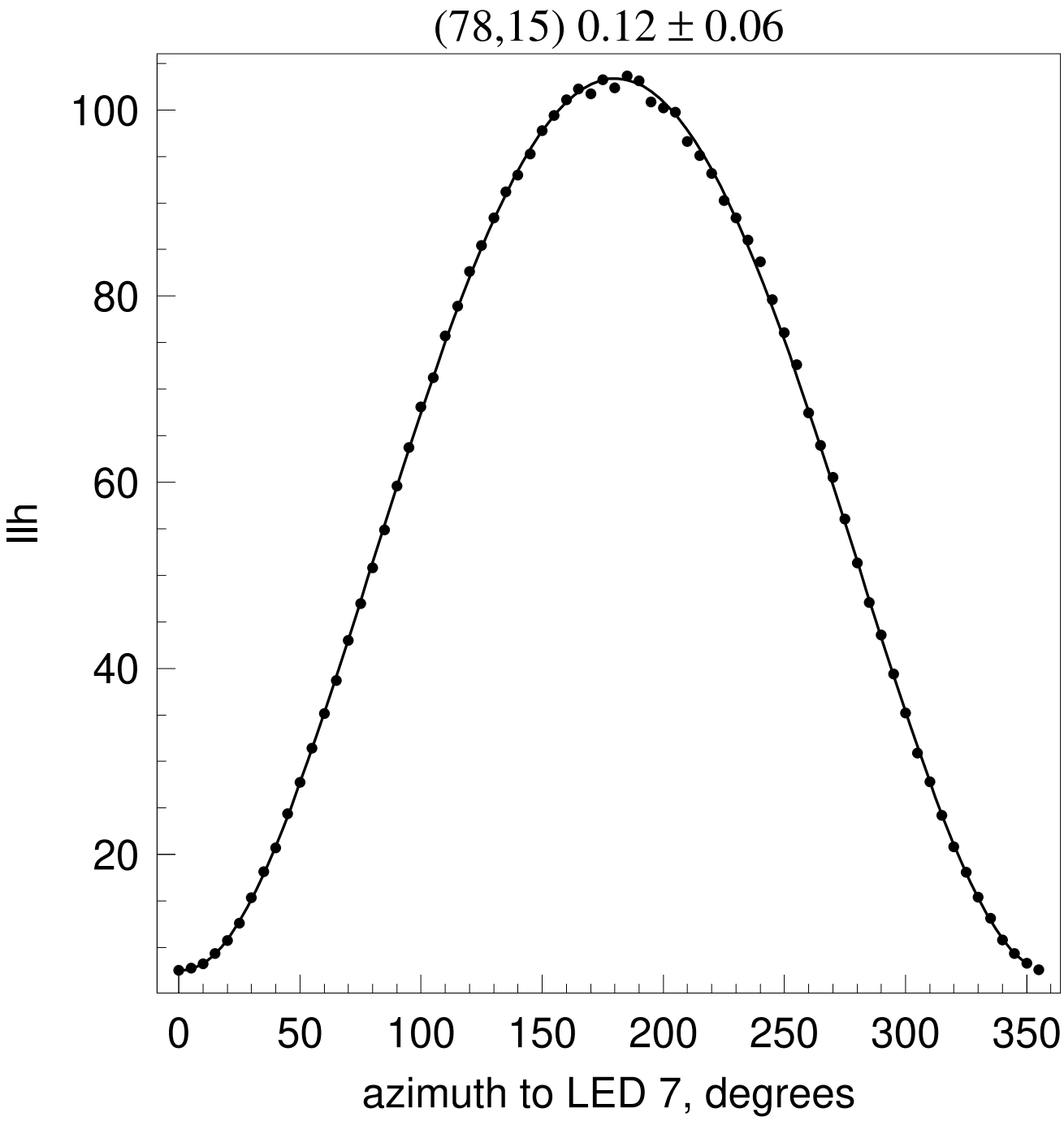

(78,10) 250.07 ± 0.15
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

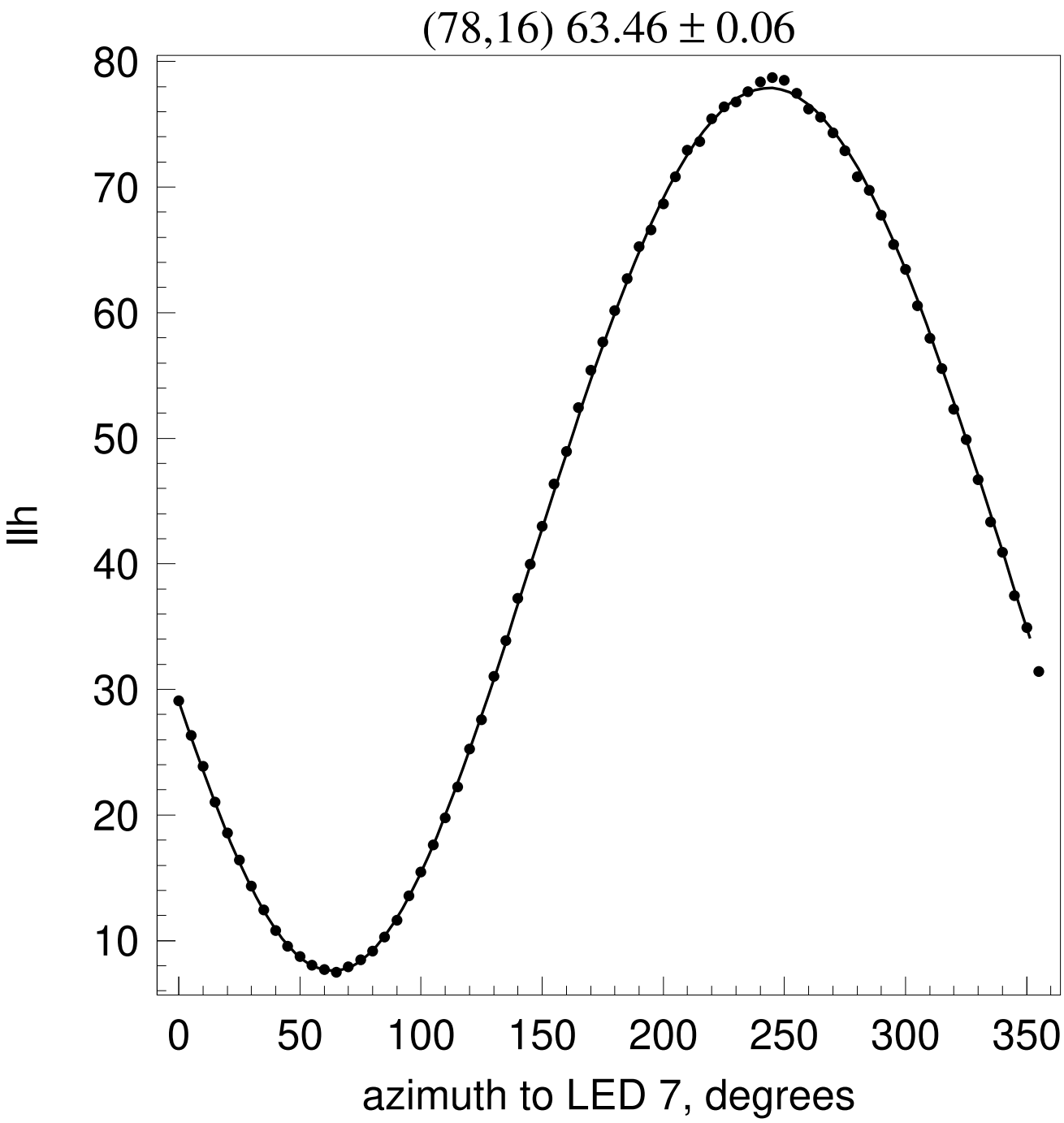

(78,11) 155.69 ± 0.14
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

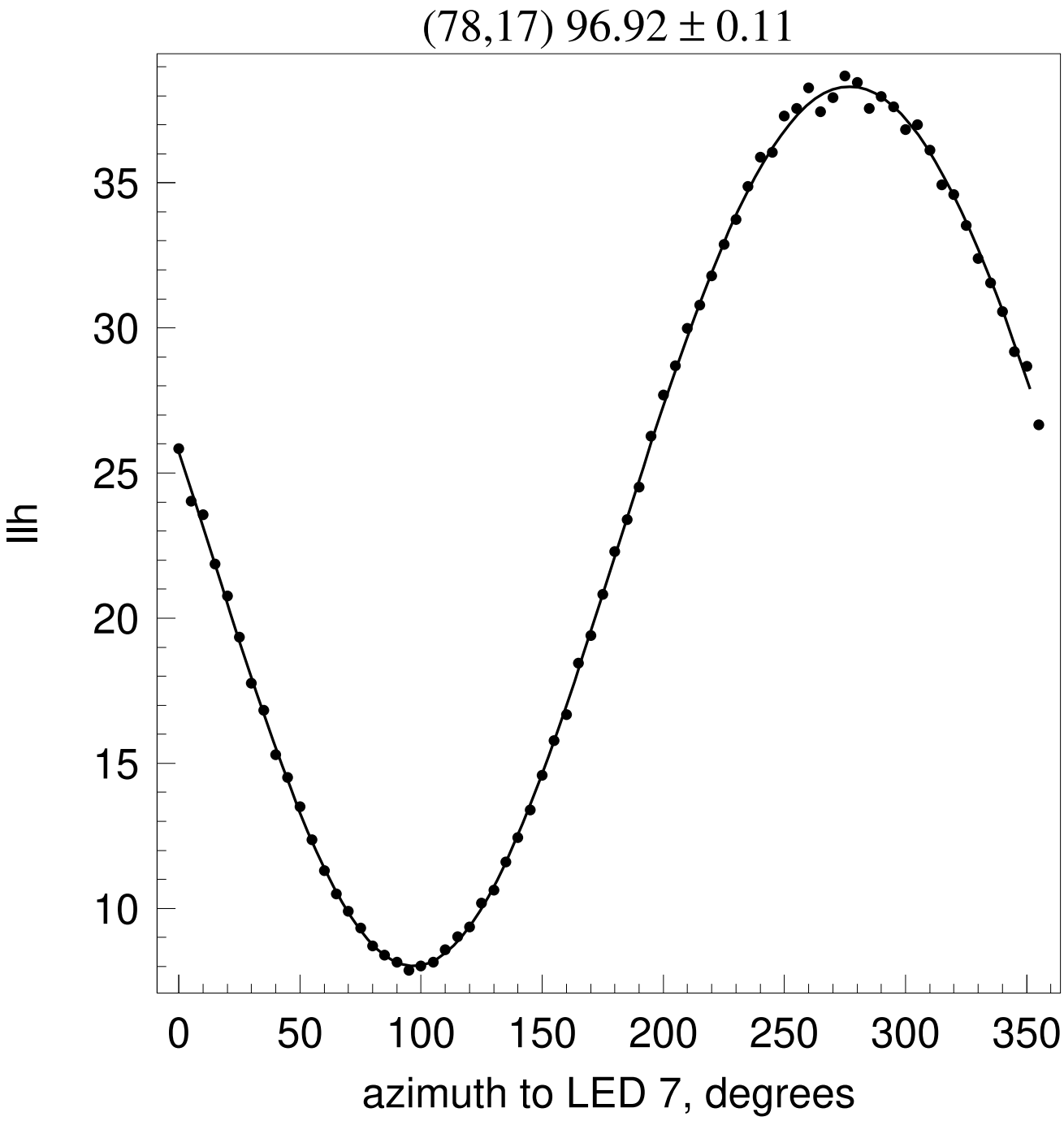

(78,12) 213.59 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

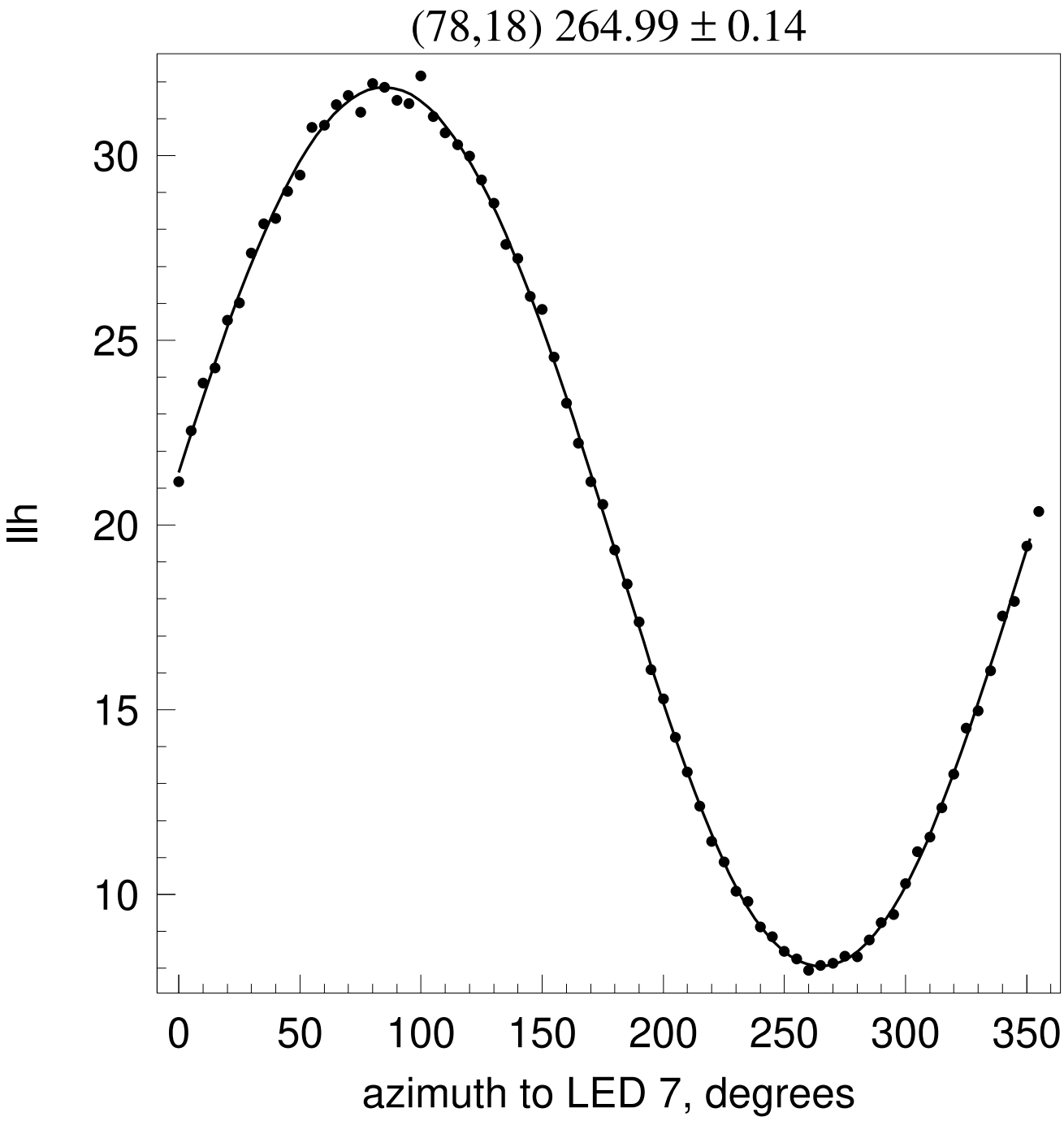

(78,13) 65.47 ± 0.08
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

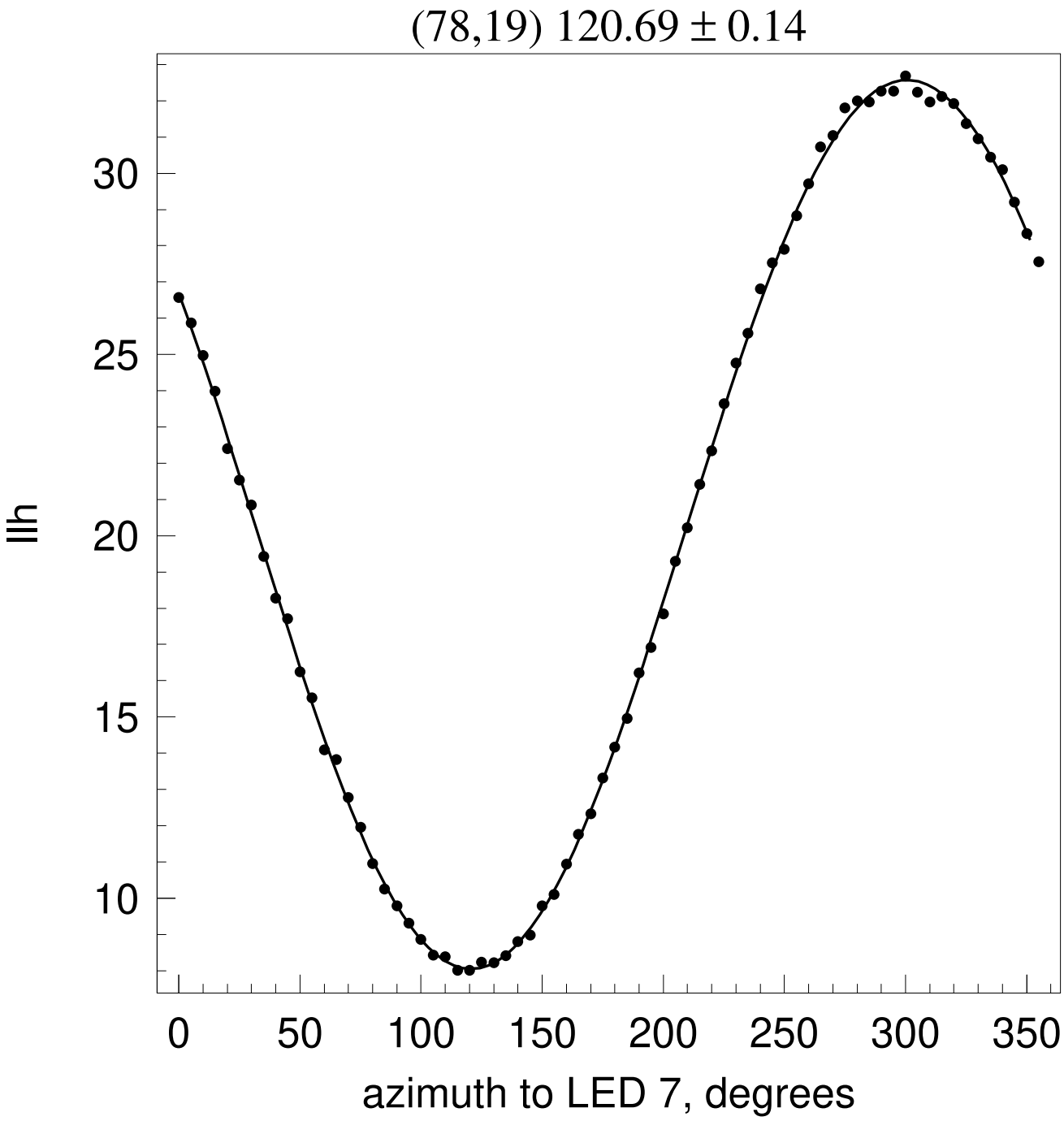

(78,14) 91.14 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

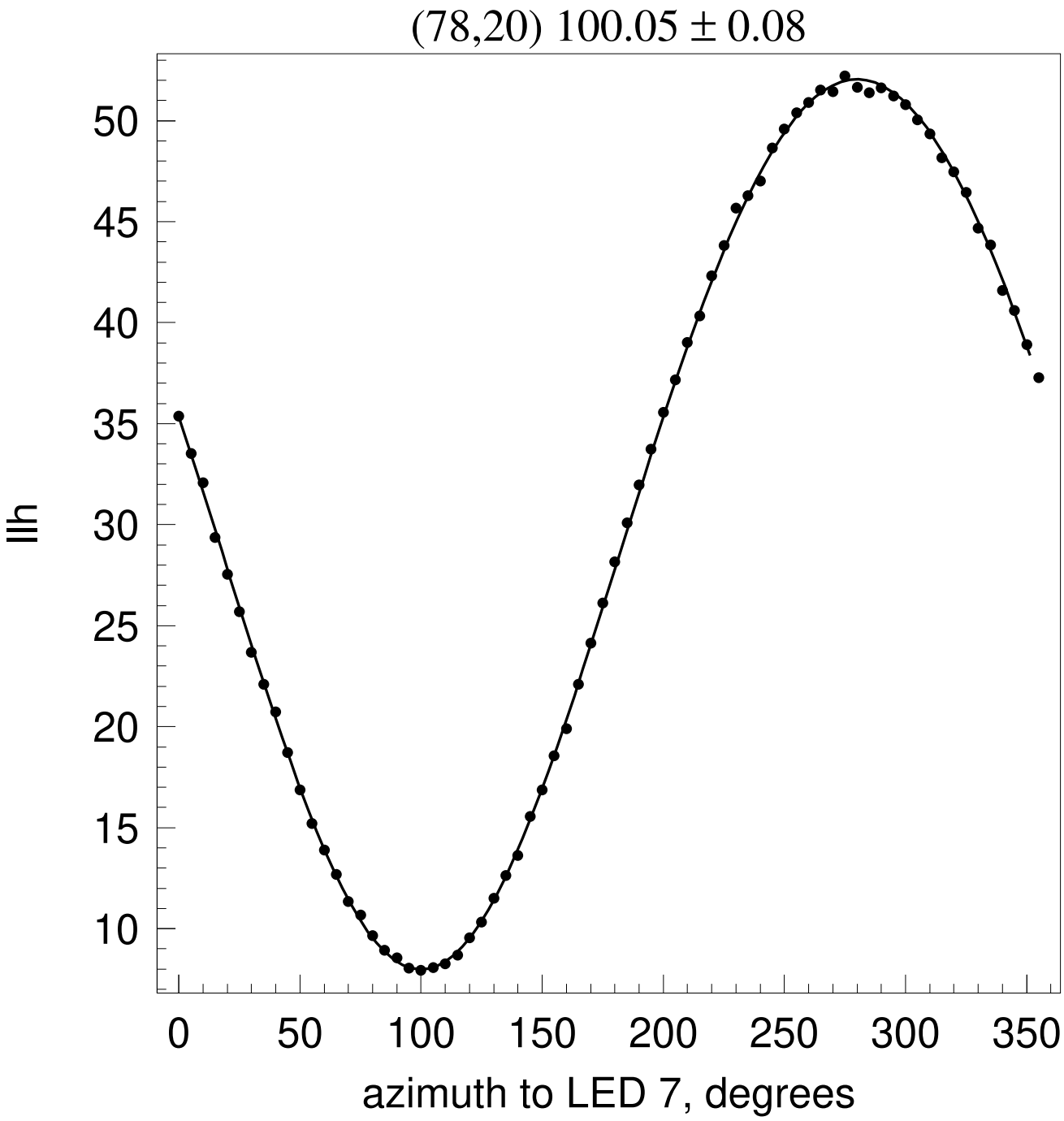

(78,15) 0.12 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

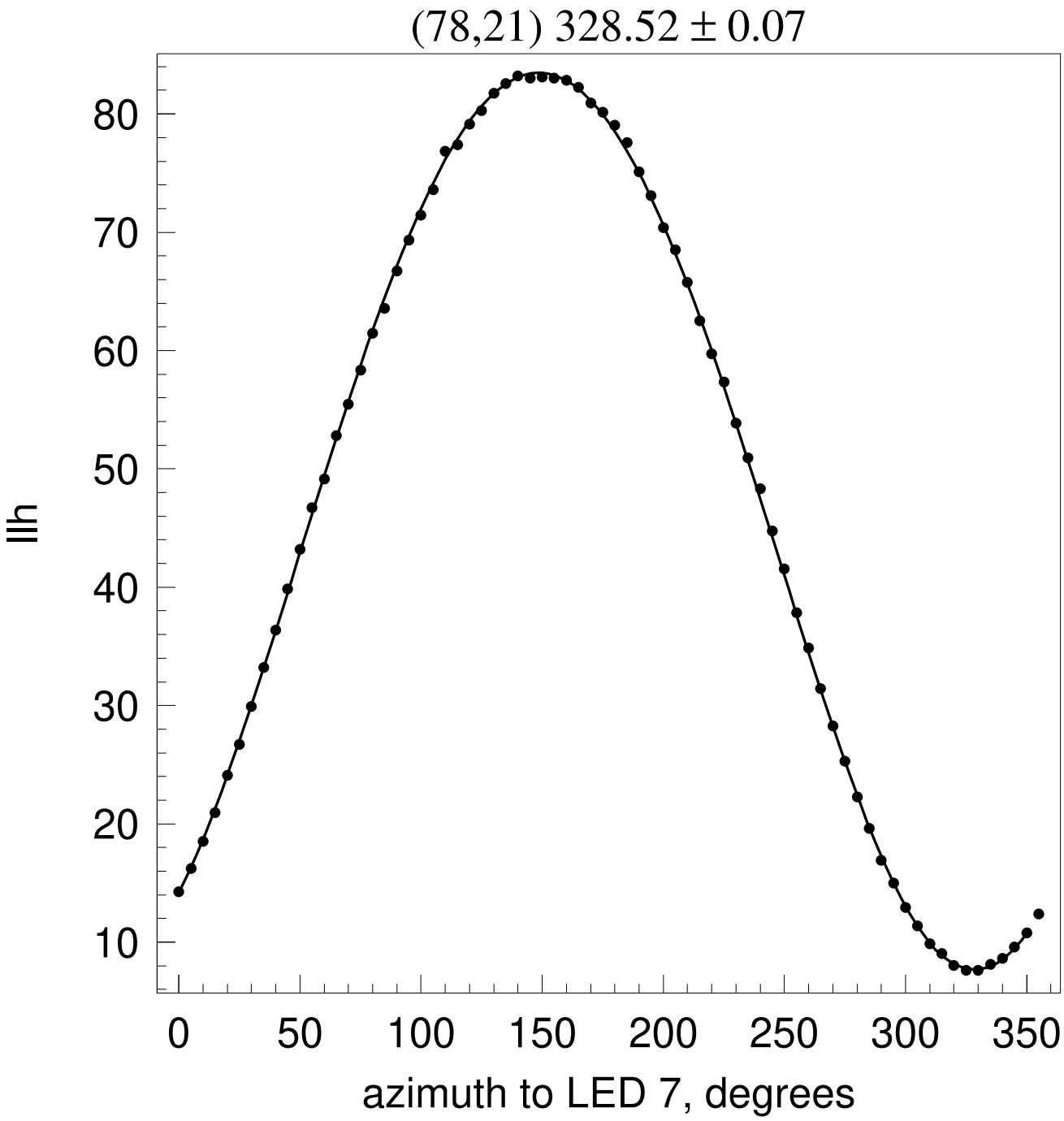

(78,16) 63.46 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

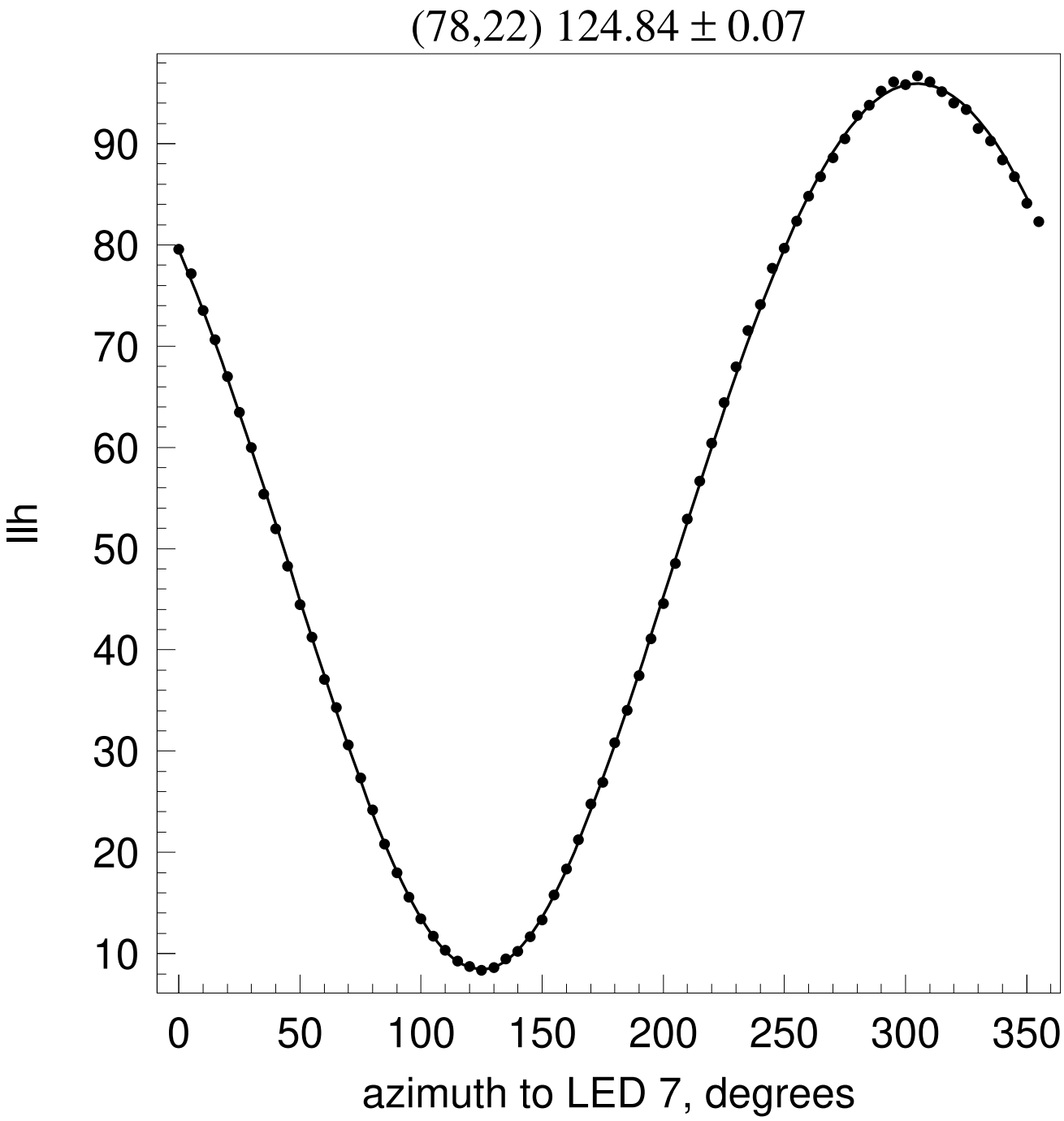

(78,17) 96.92 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

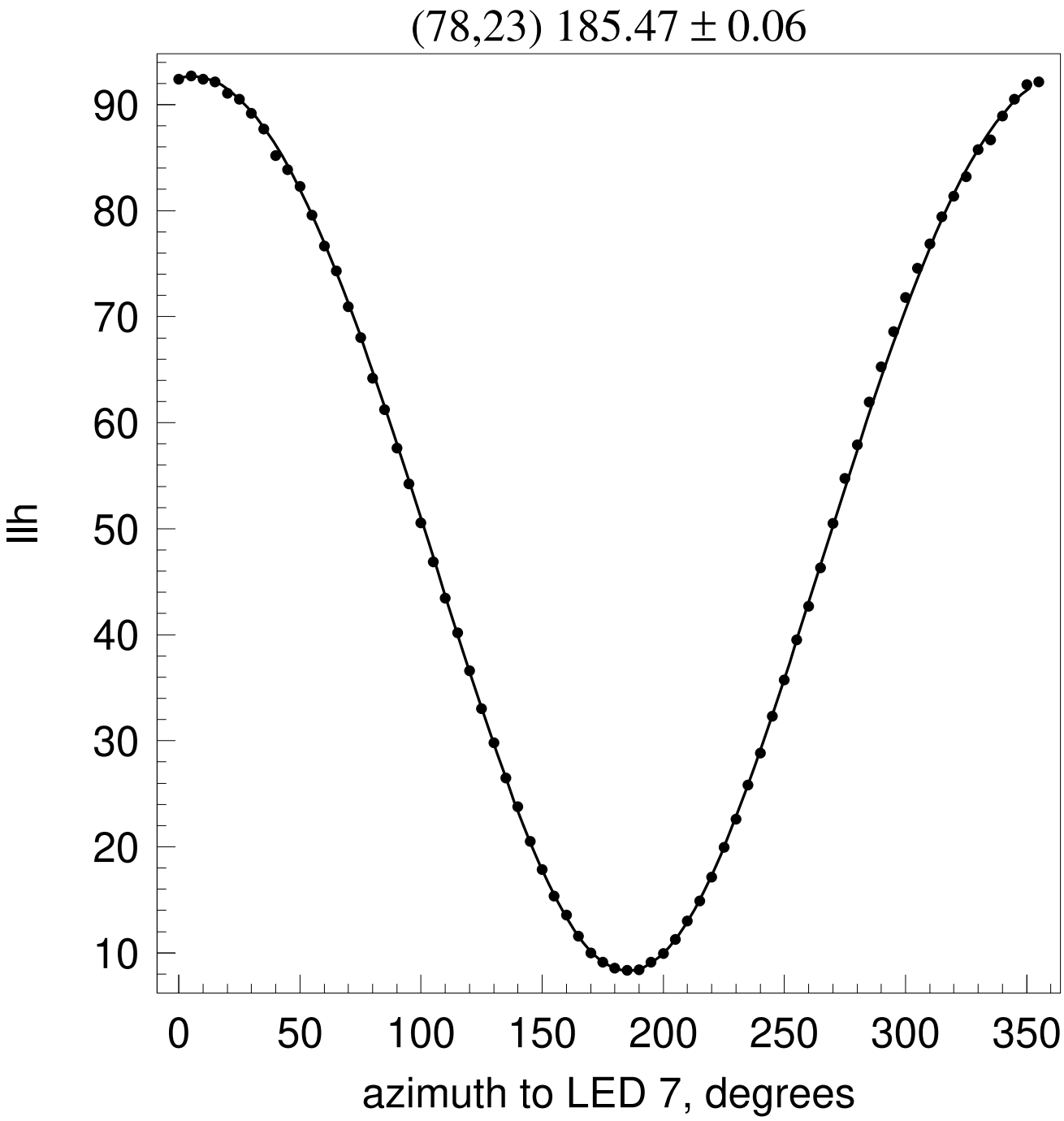

(78,18) 264.99 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

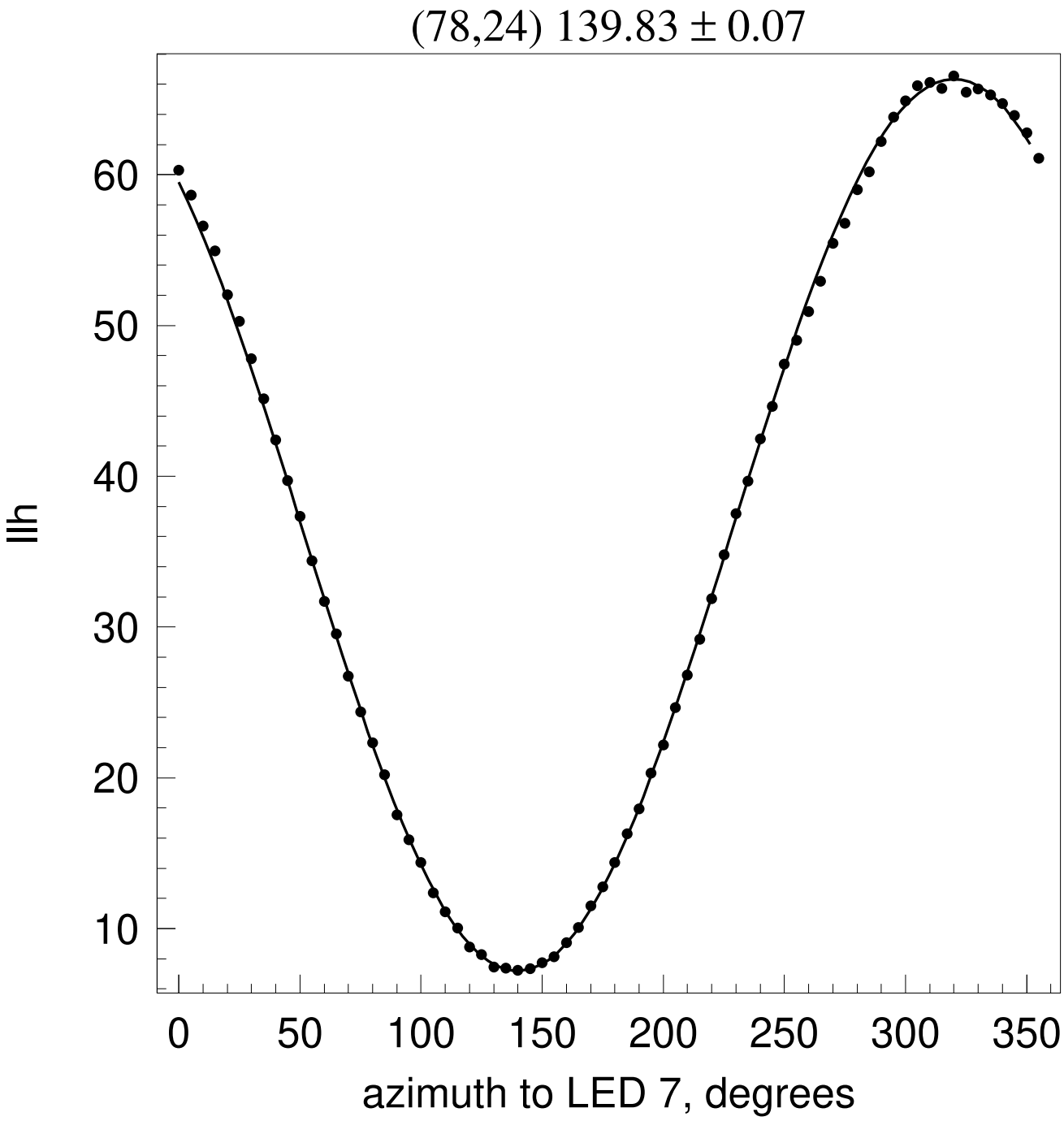

(78,19) 120.69 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

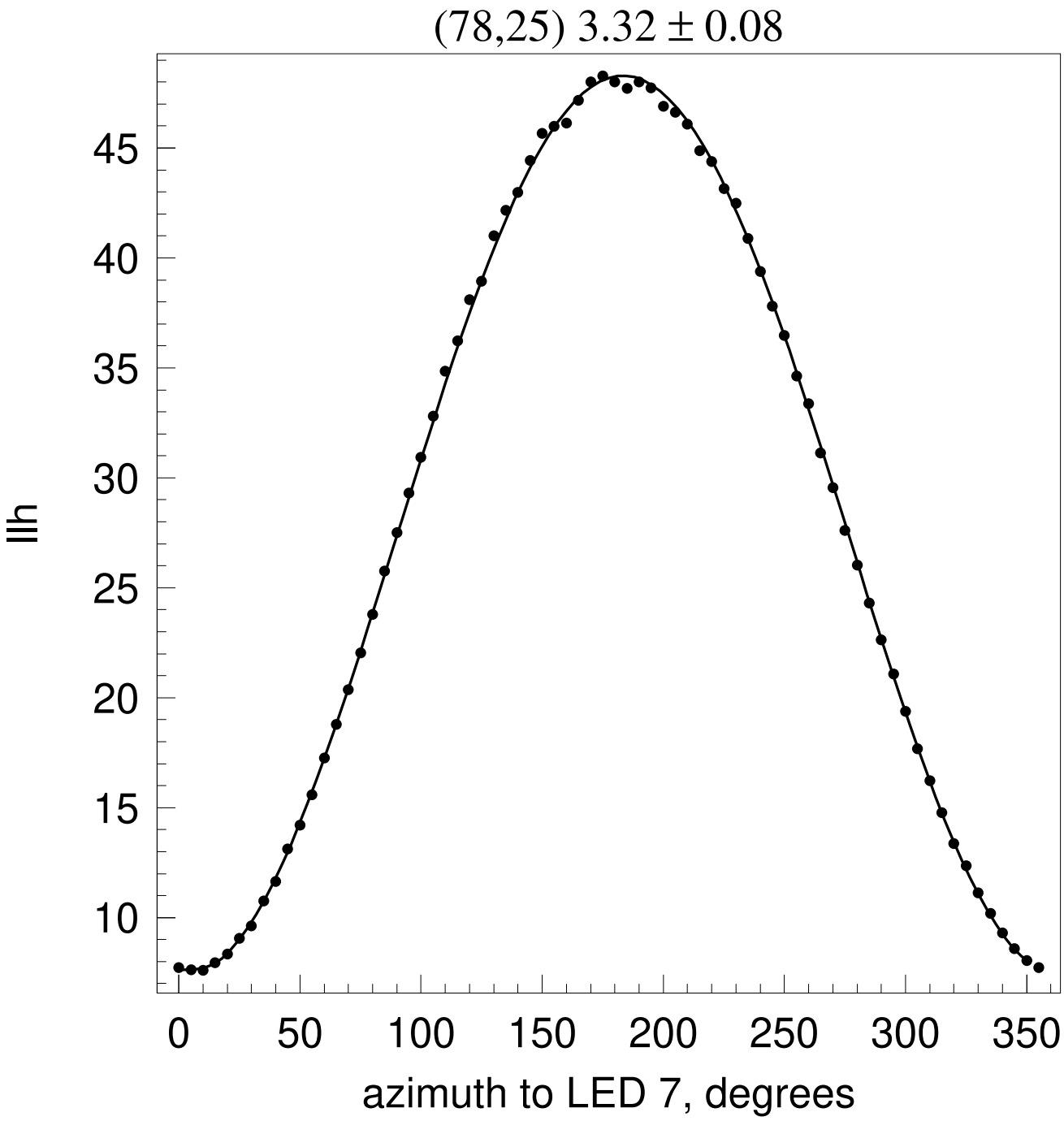

(78,20) 100.05 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

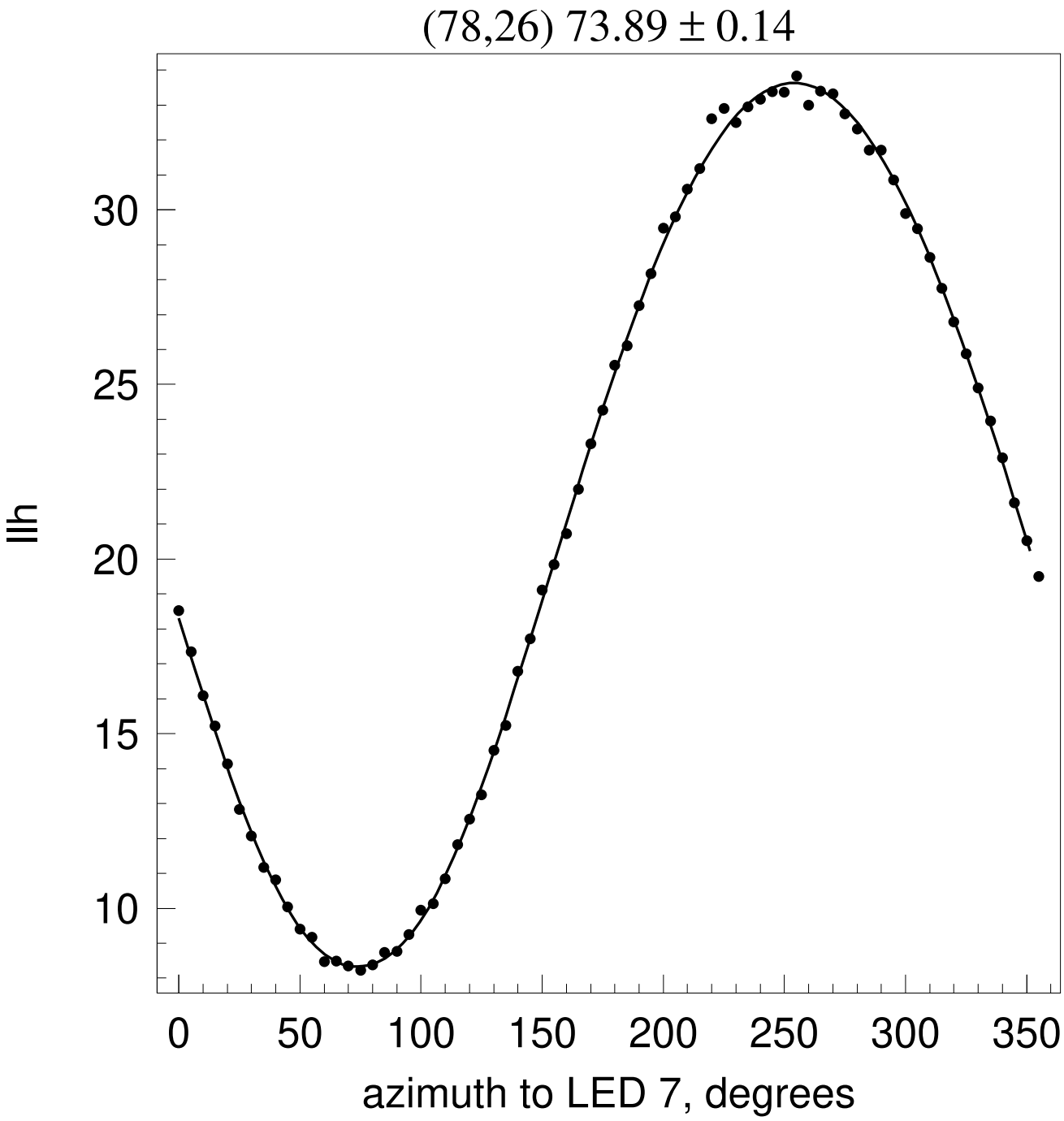

(78,21) 328.52 ± 0.07
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

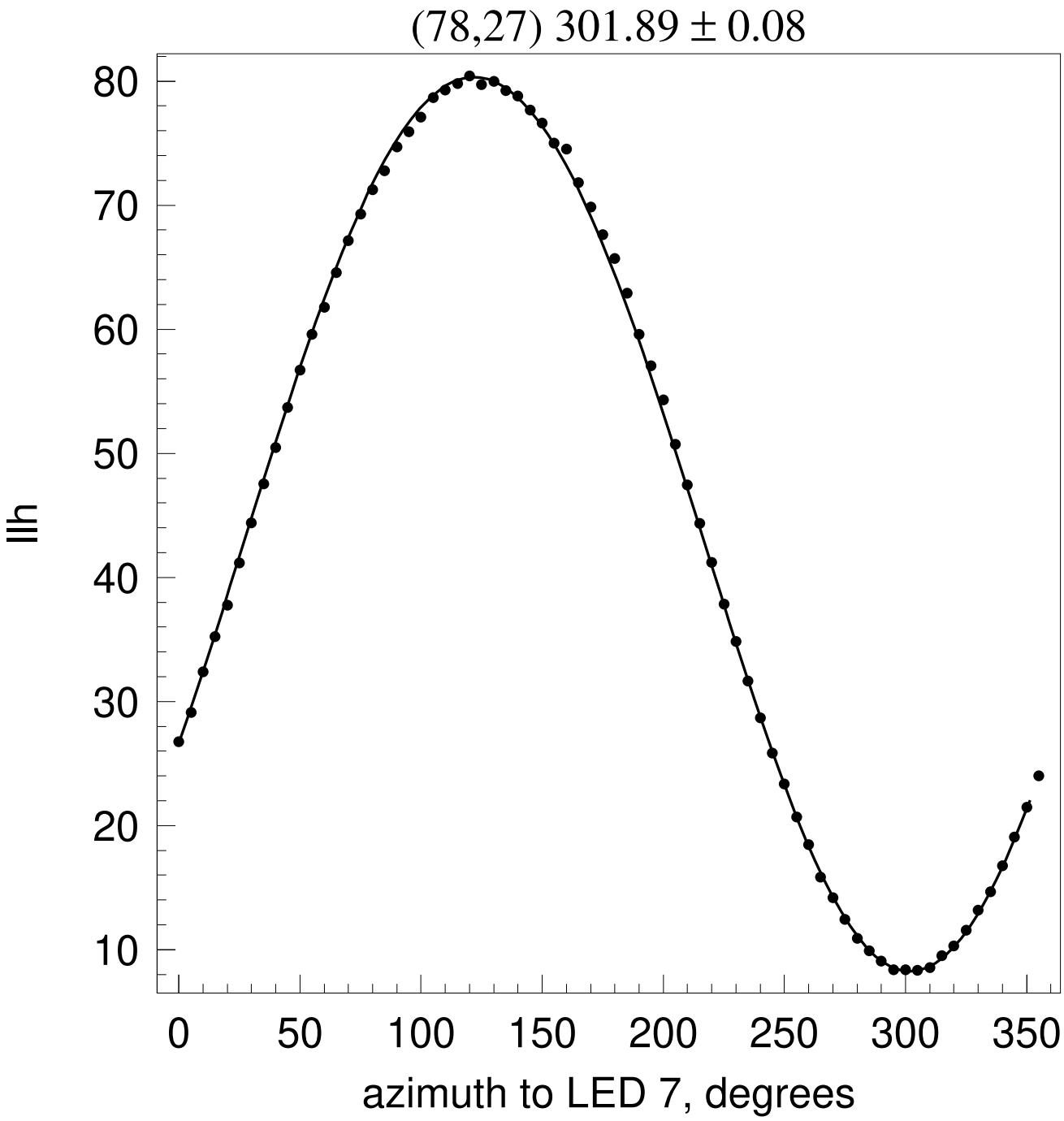

(78,22) 124.84 ± 0.07
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

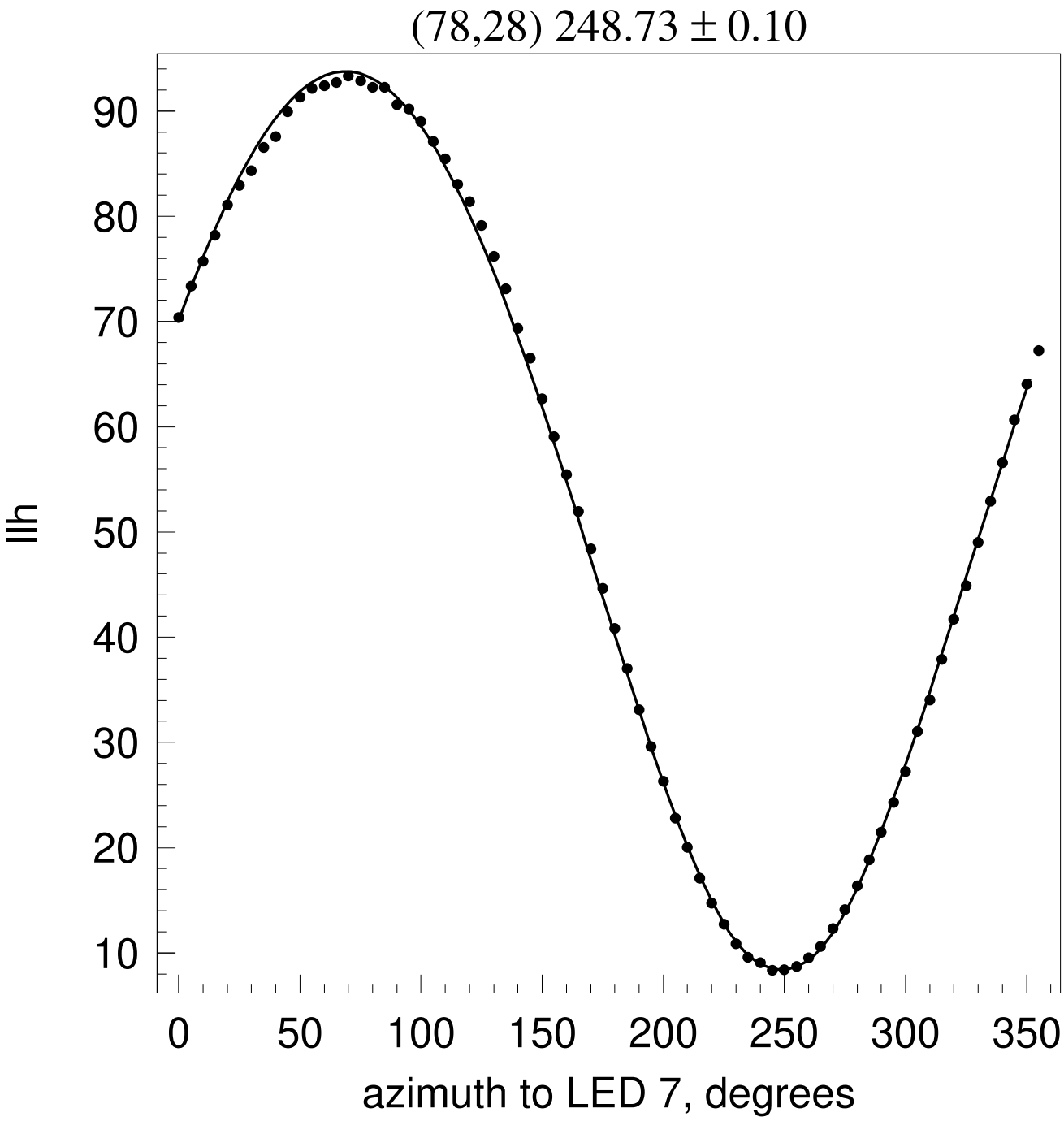

(78,23) 185.47 ± 0.06
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

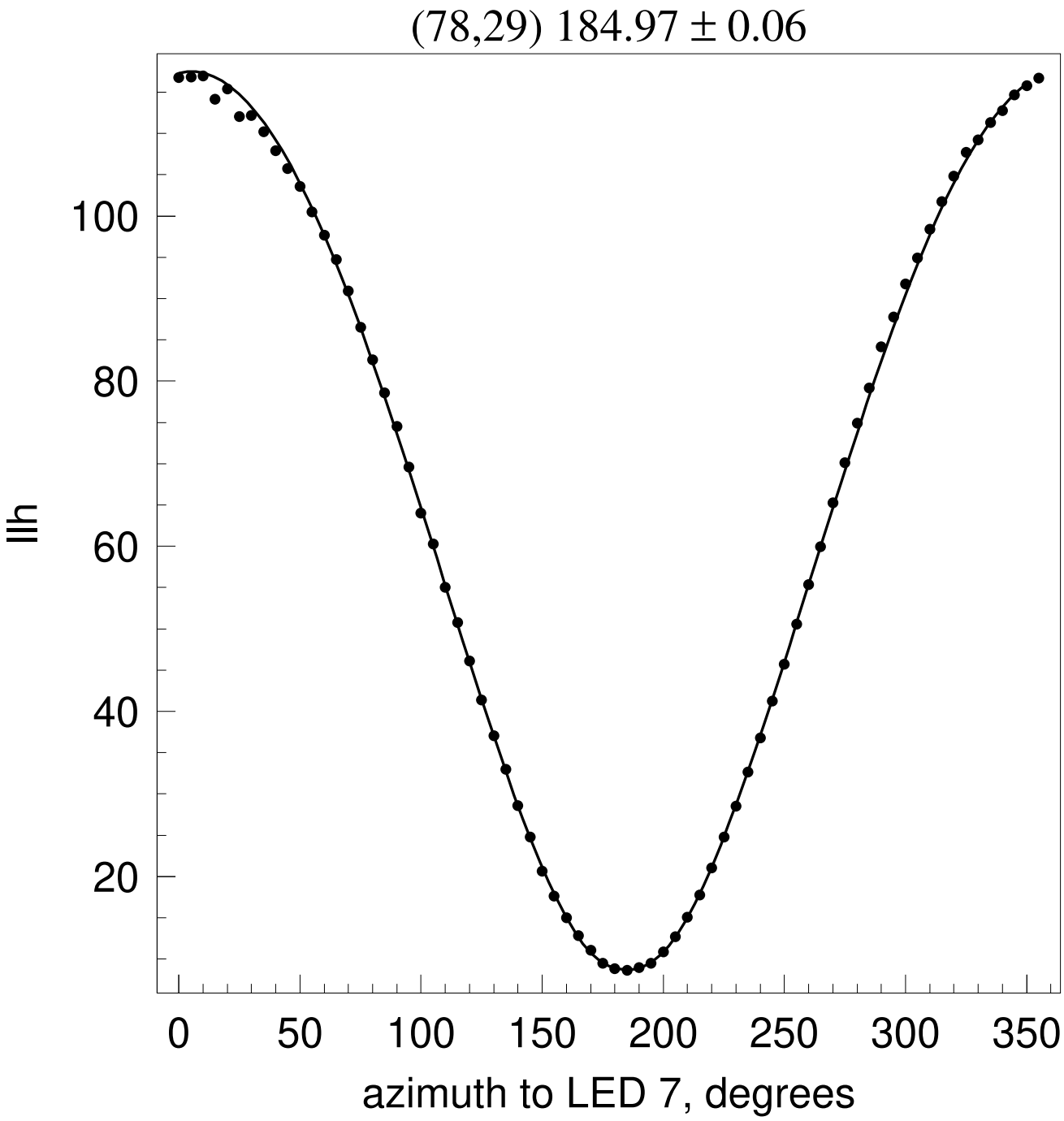

(78,24) 139.83 ± 0.07
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

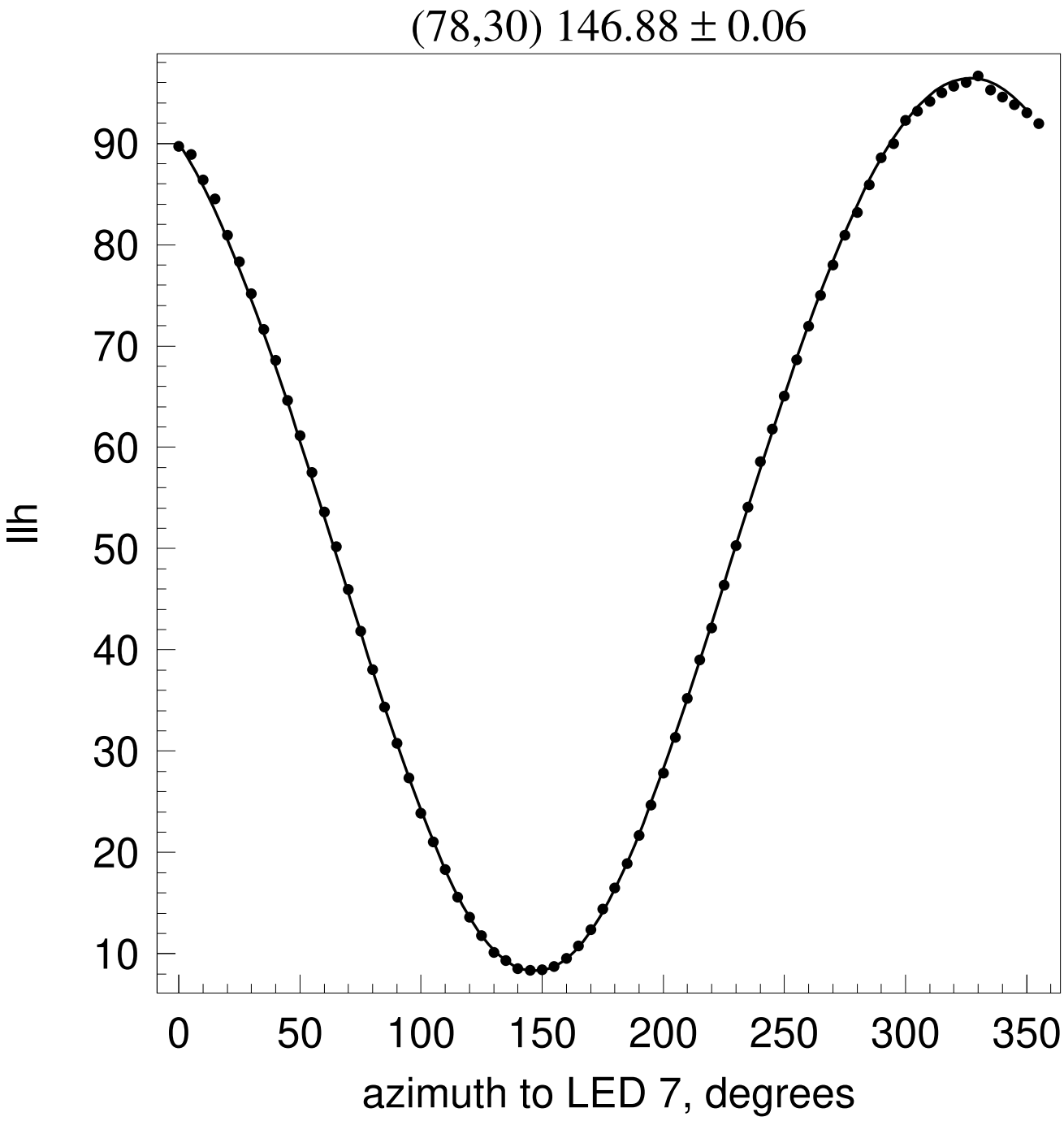

(78,25) 3.32 ± 0.08
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

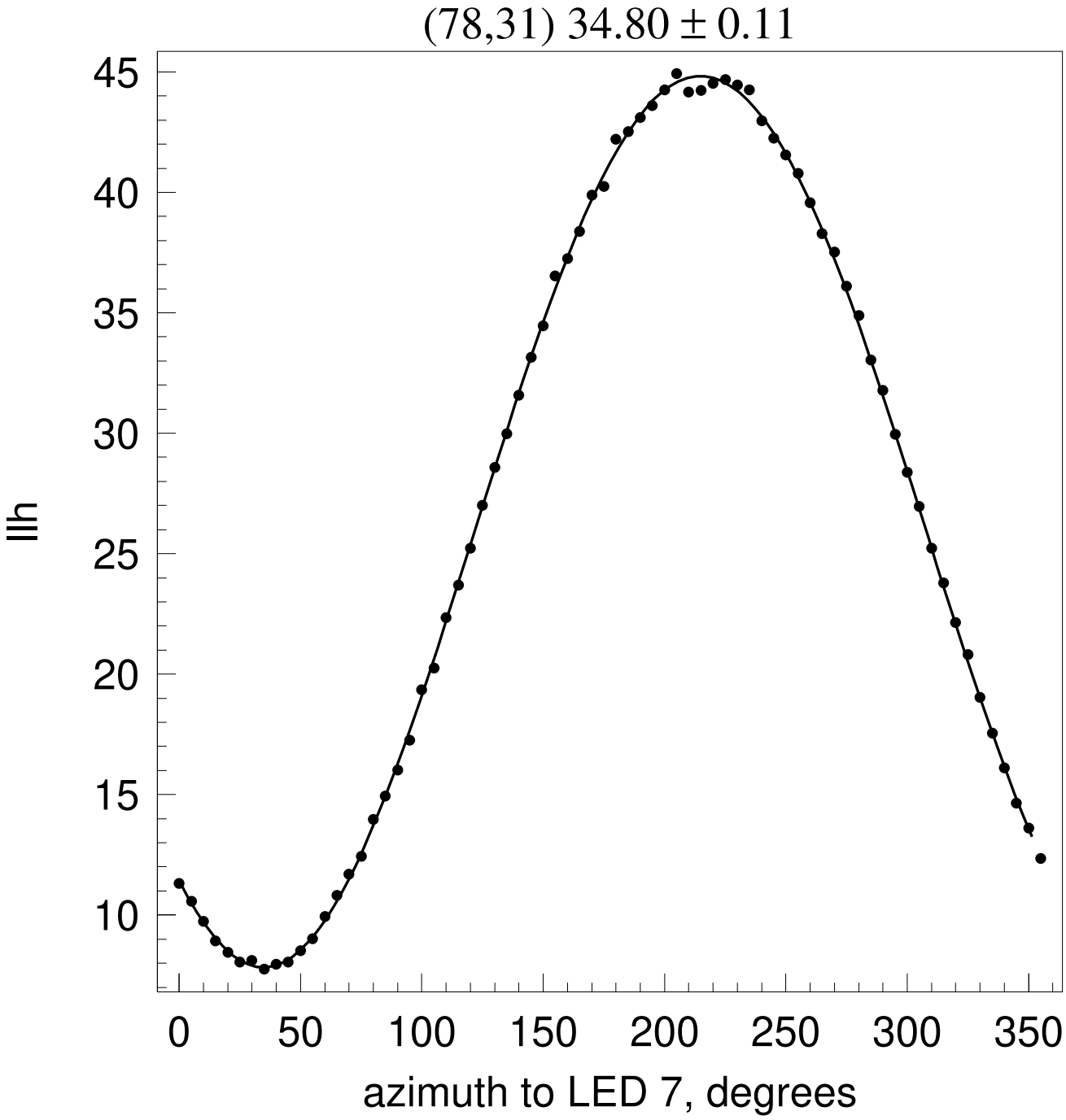

(78,26) 73.89 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

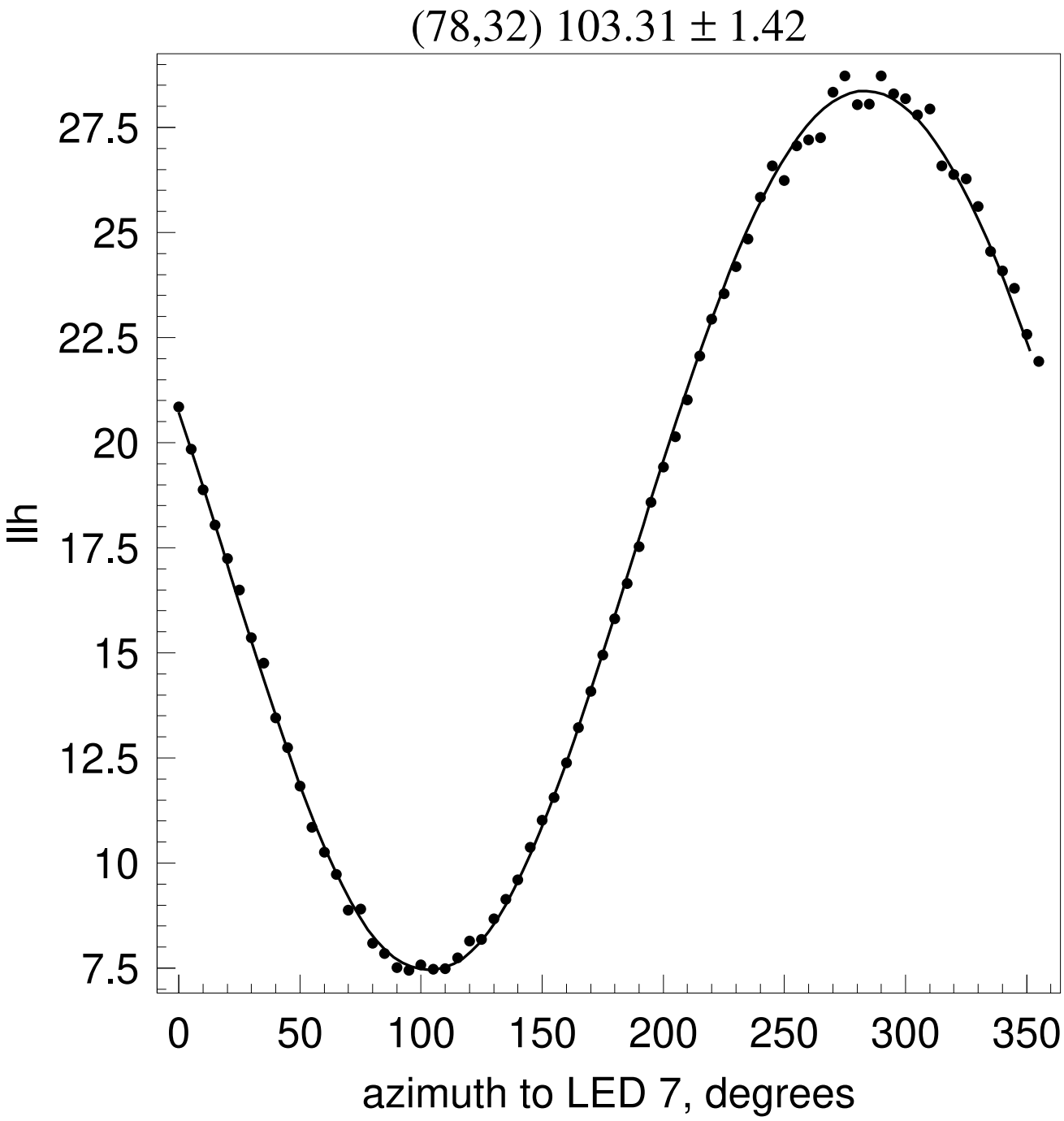

(78,27) 301.89 ± 0.08
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

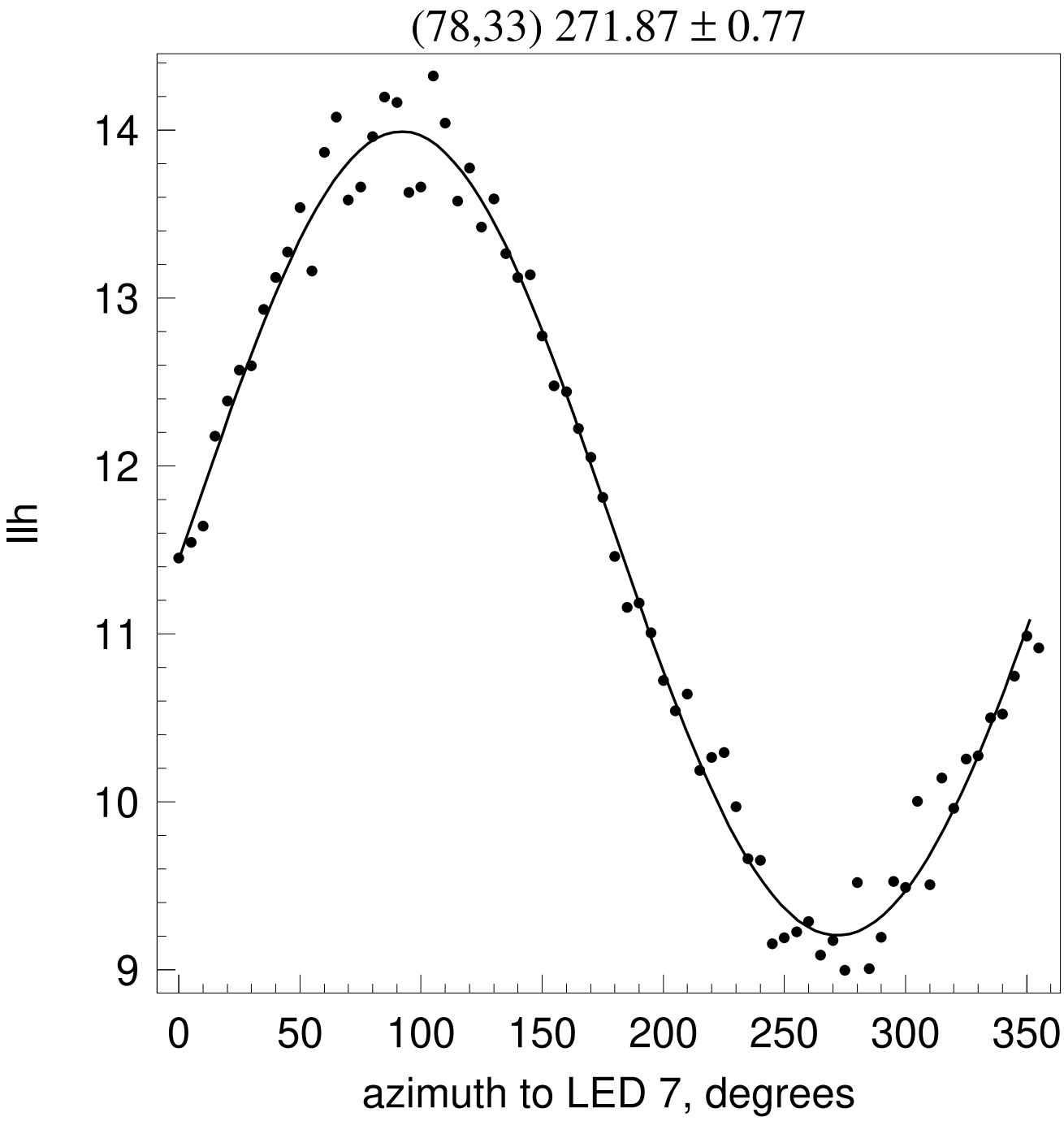

(78,28) 248.73 ± 0.10
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

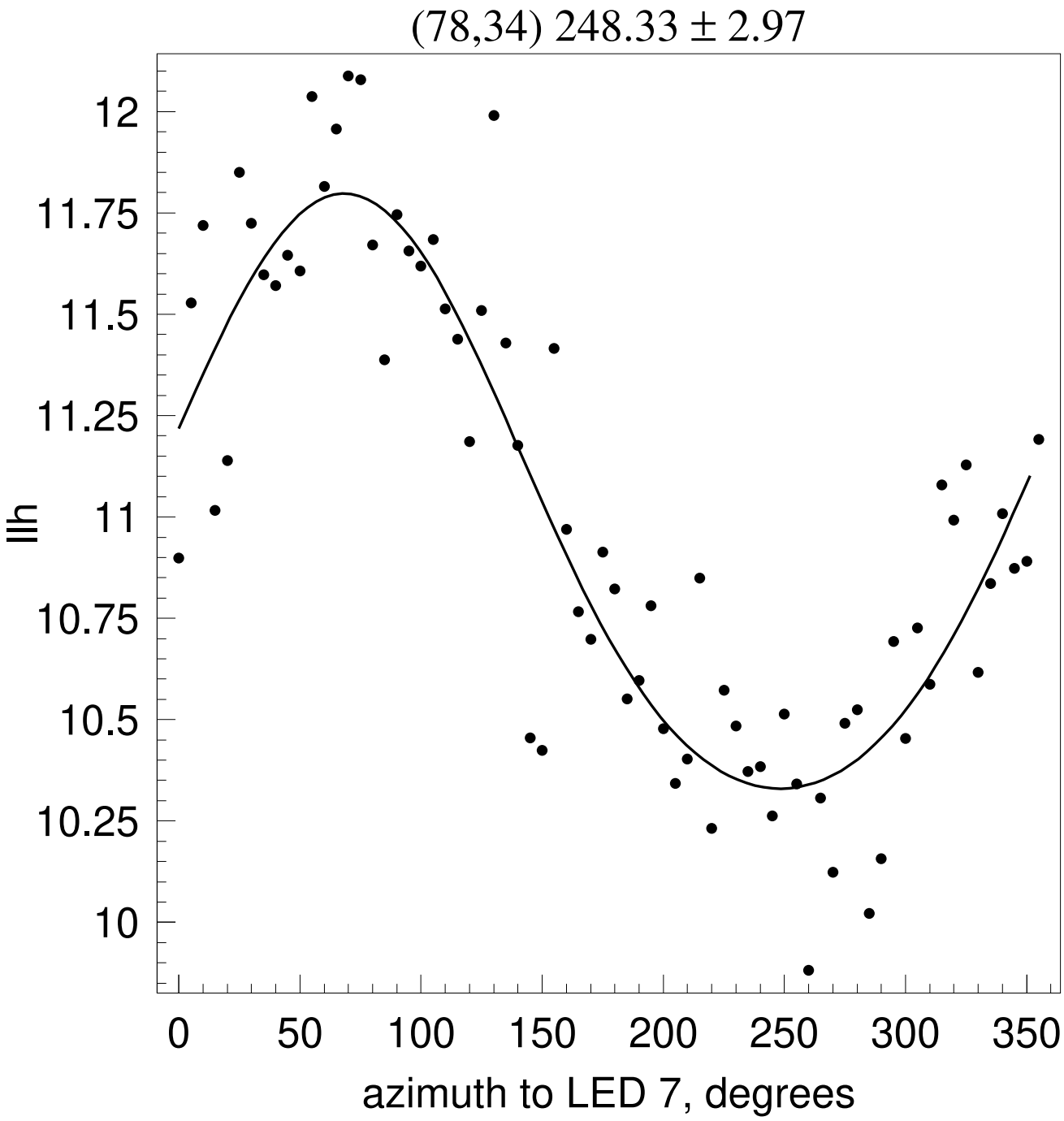

(78,29) 184.97 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

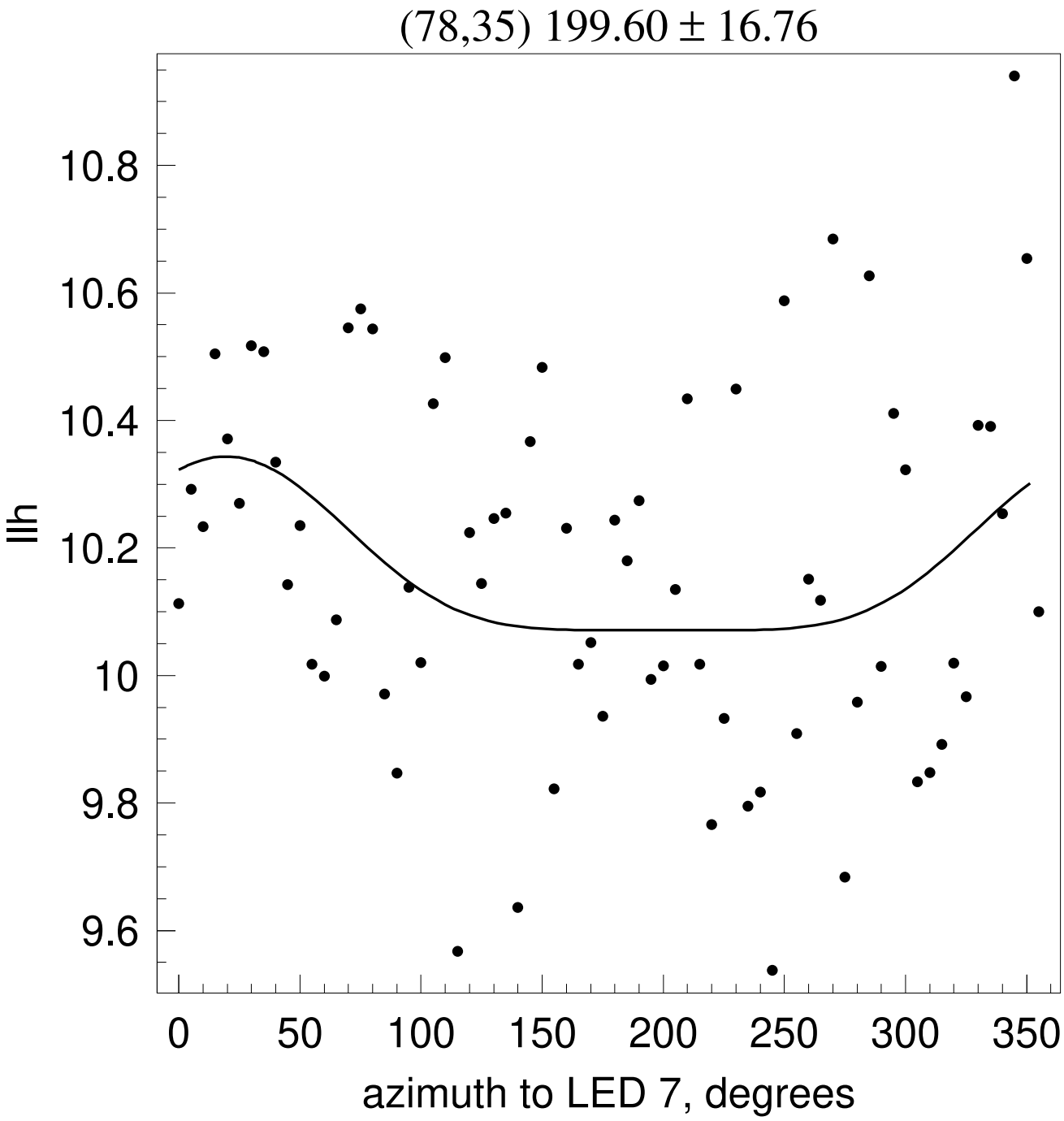

(78,30) 146.88 ± 0.06
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

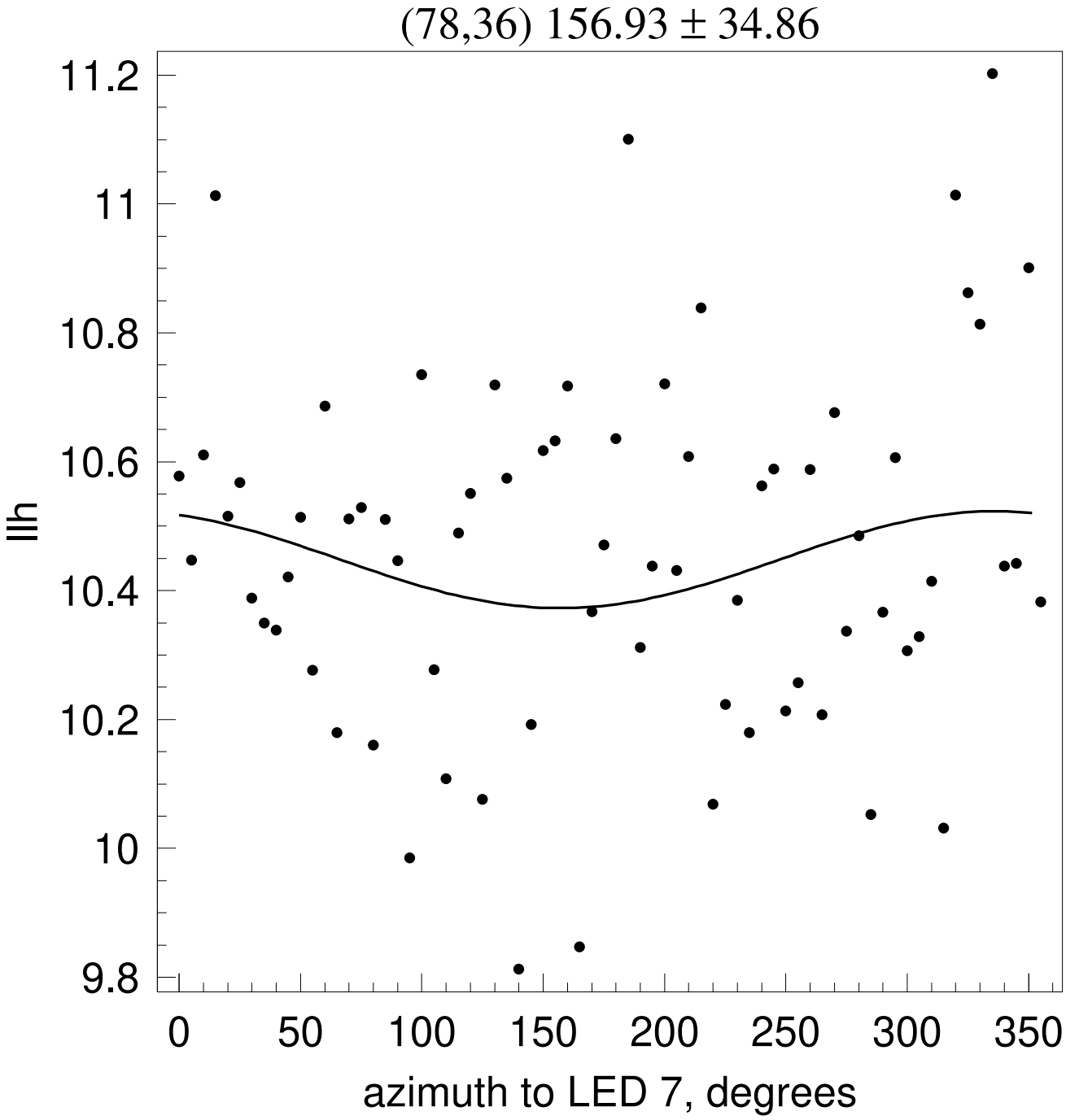

(78,31) 34.80 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

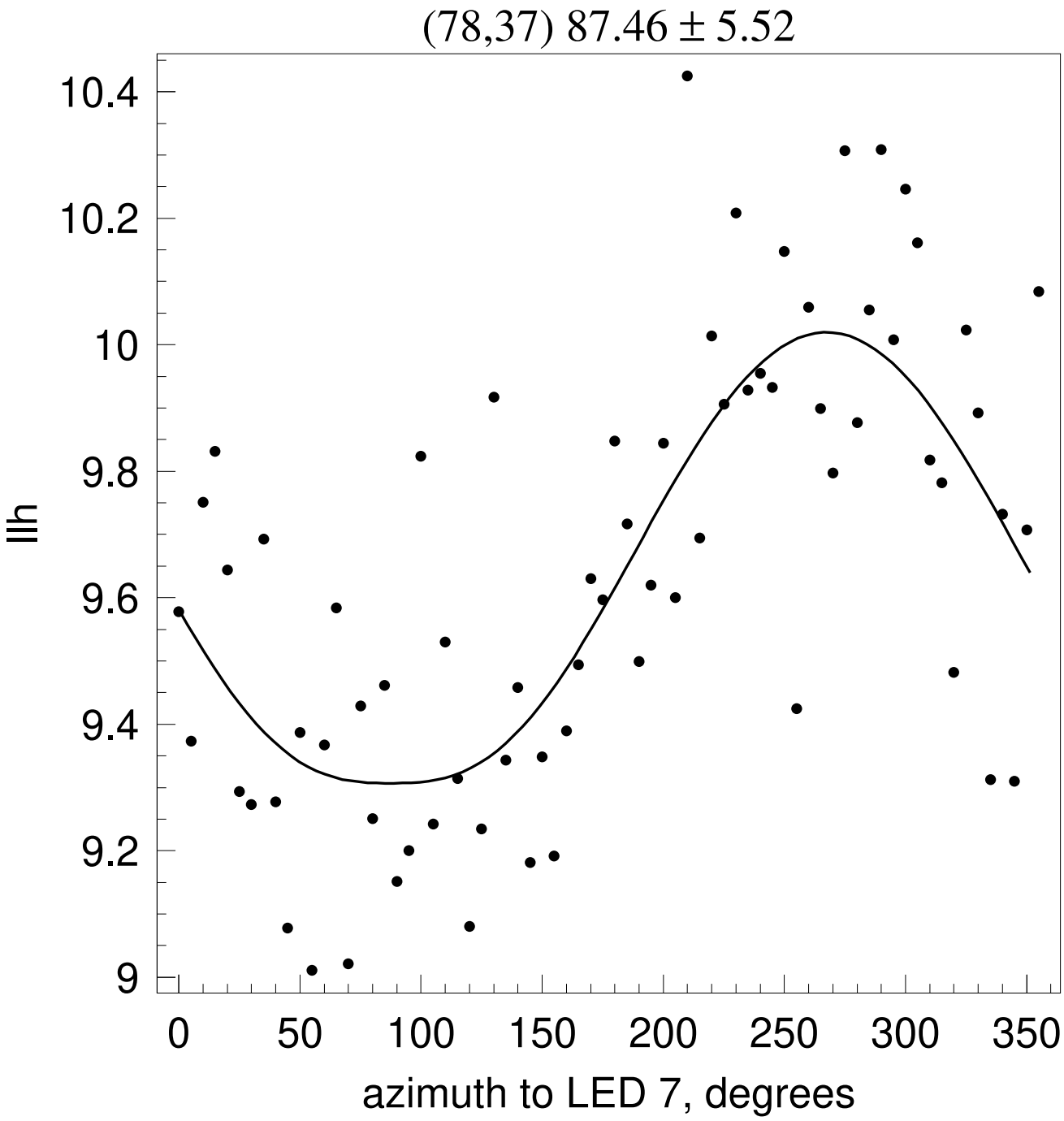

(78,32) 103.31 ± 1.42
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

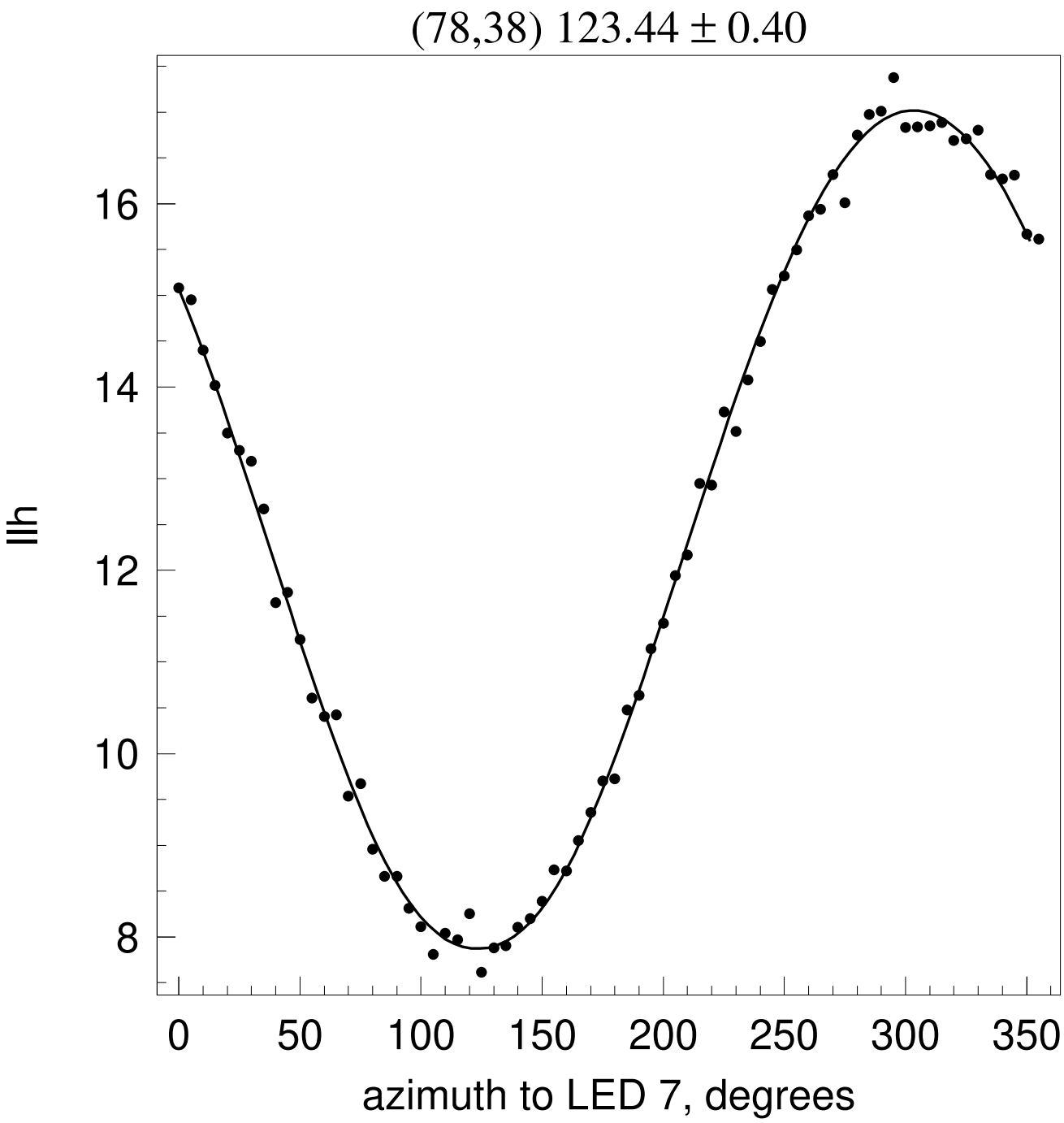

(78,33) 271.87 ± 0.77
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

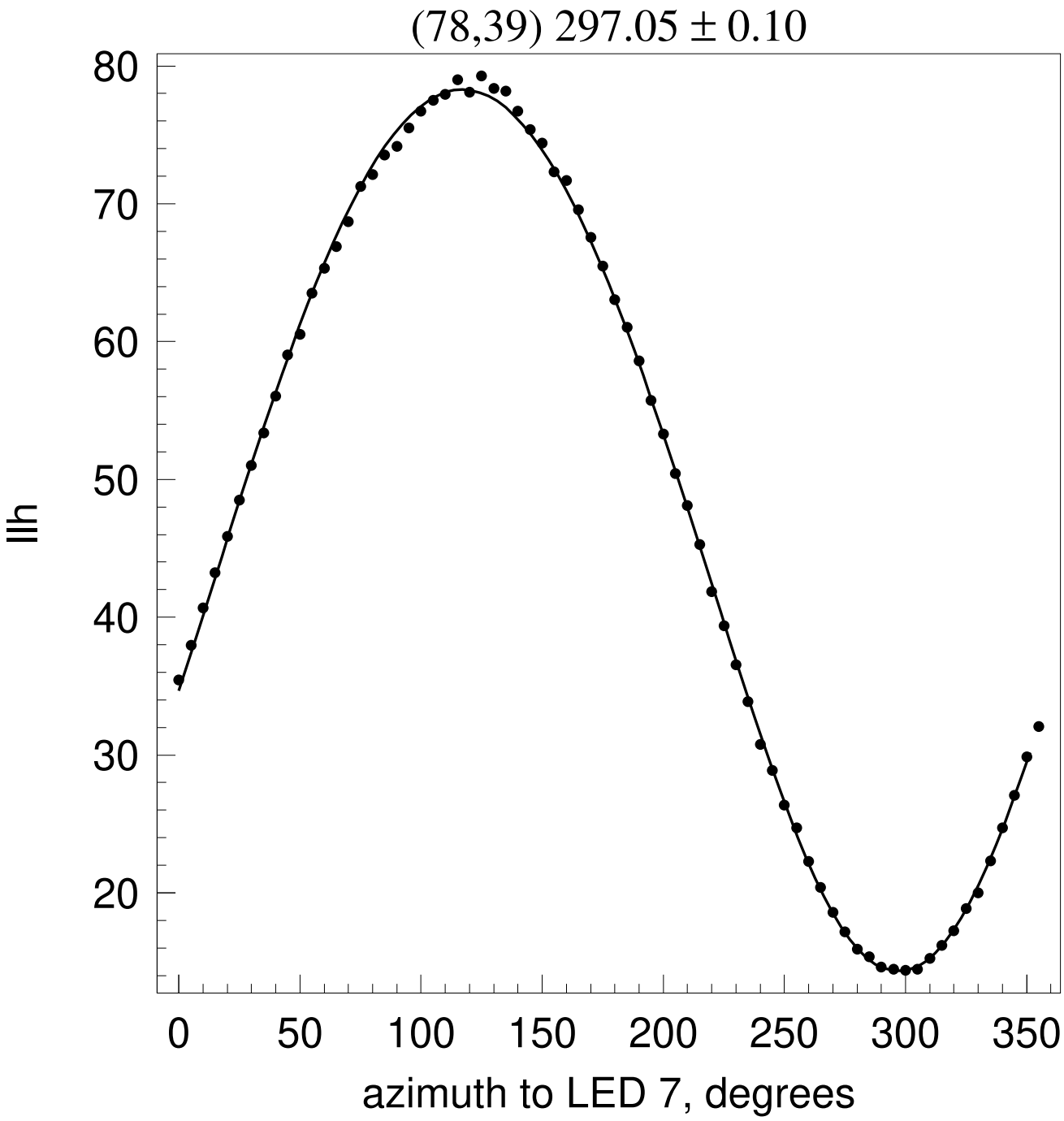

(78,34) 248.33 ± 2.97
12
11.75
11.5
11.25
11
10.75
10.5
10.25
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

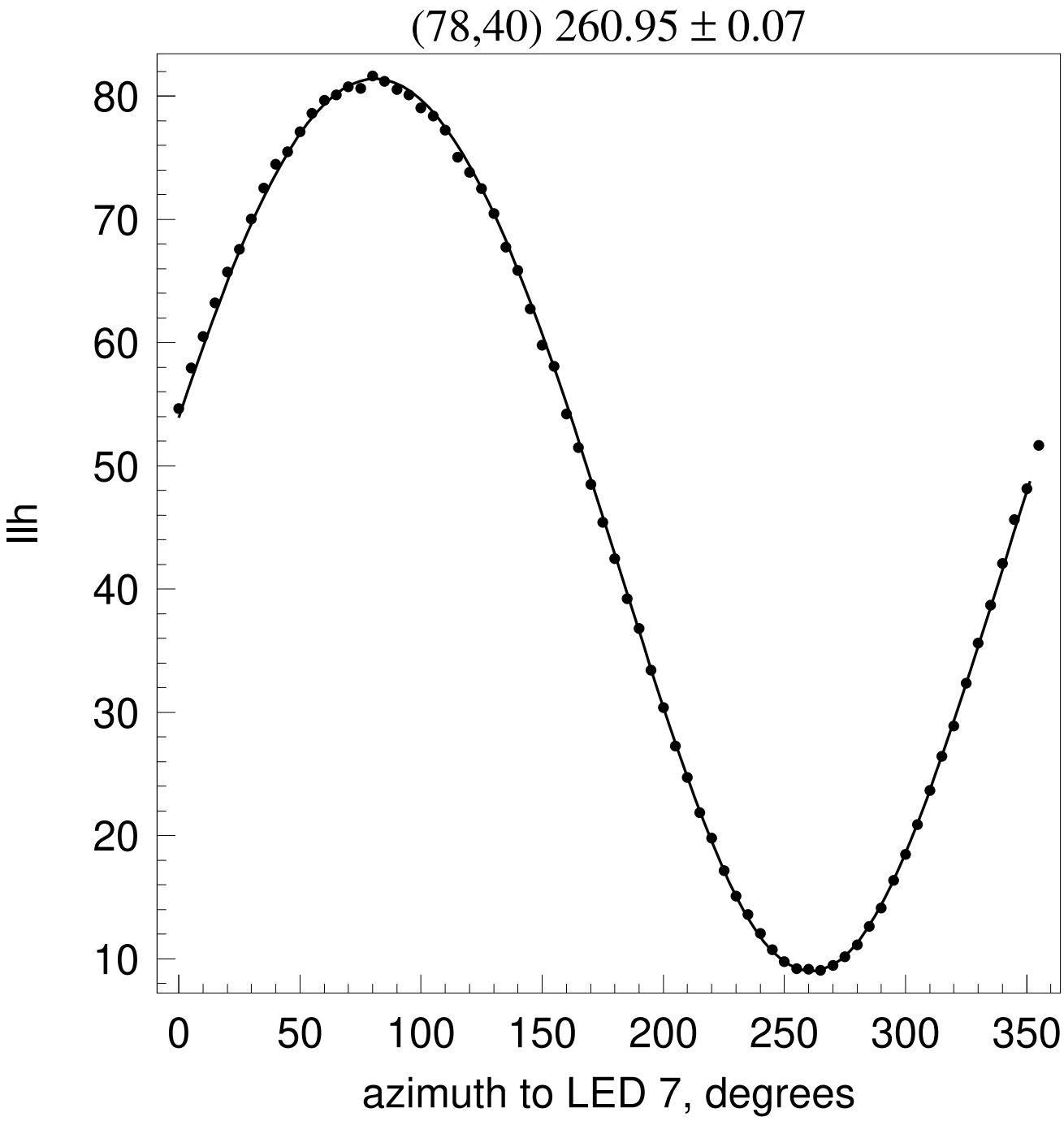

(78,35) 199.60 ± 16.76
10.8
10.6
10.4
10.2
10
9.8
9.6
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

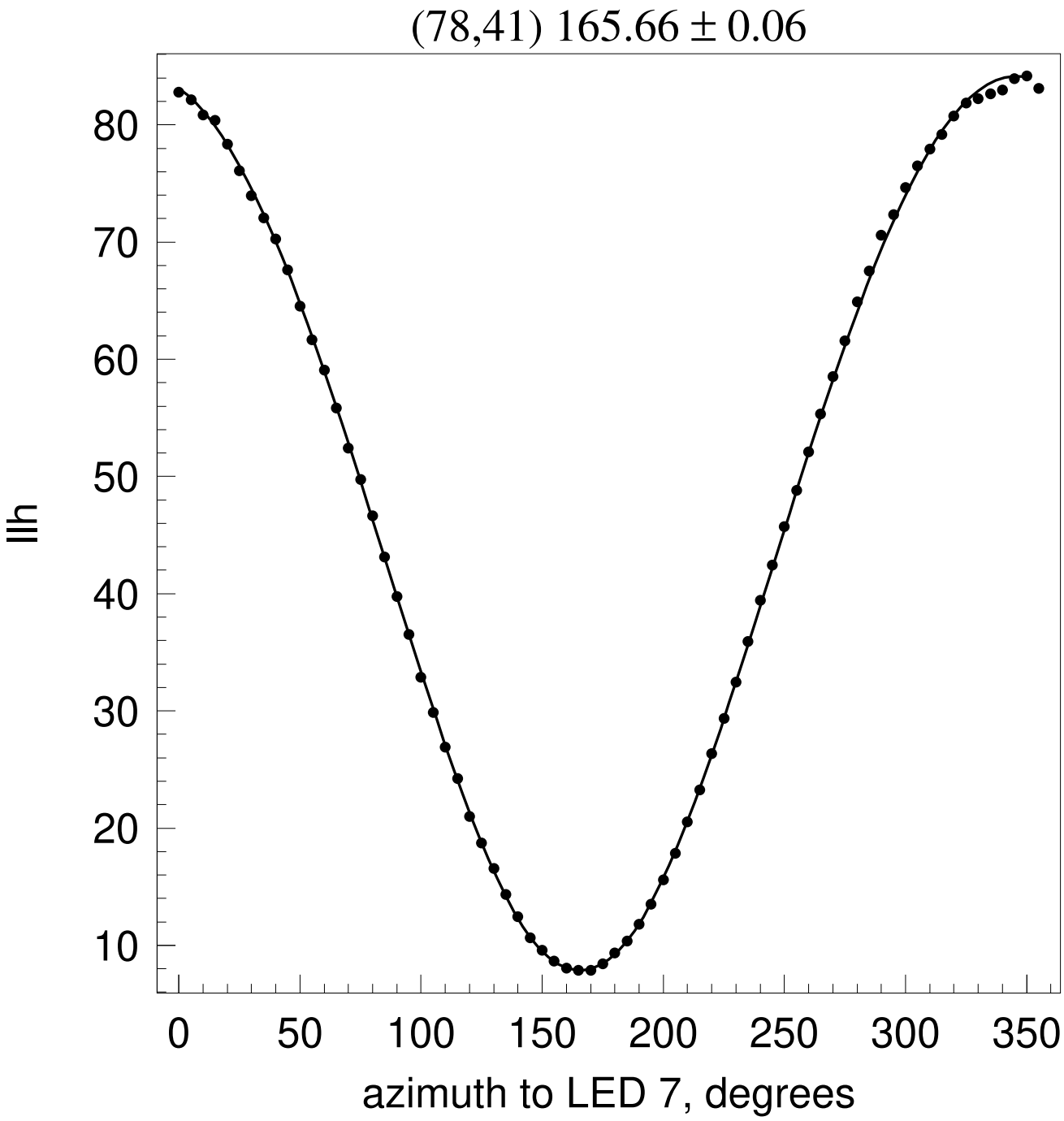

(78,36) 156.93 ± 34.86
11.2
11
10.8
10.6
10.4
10.2
10
9.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

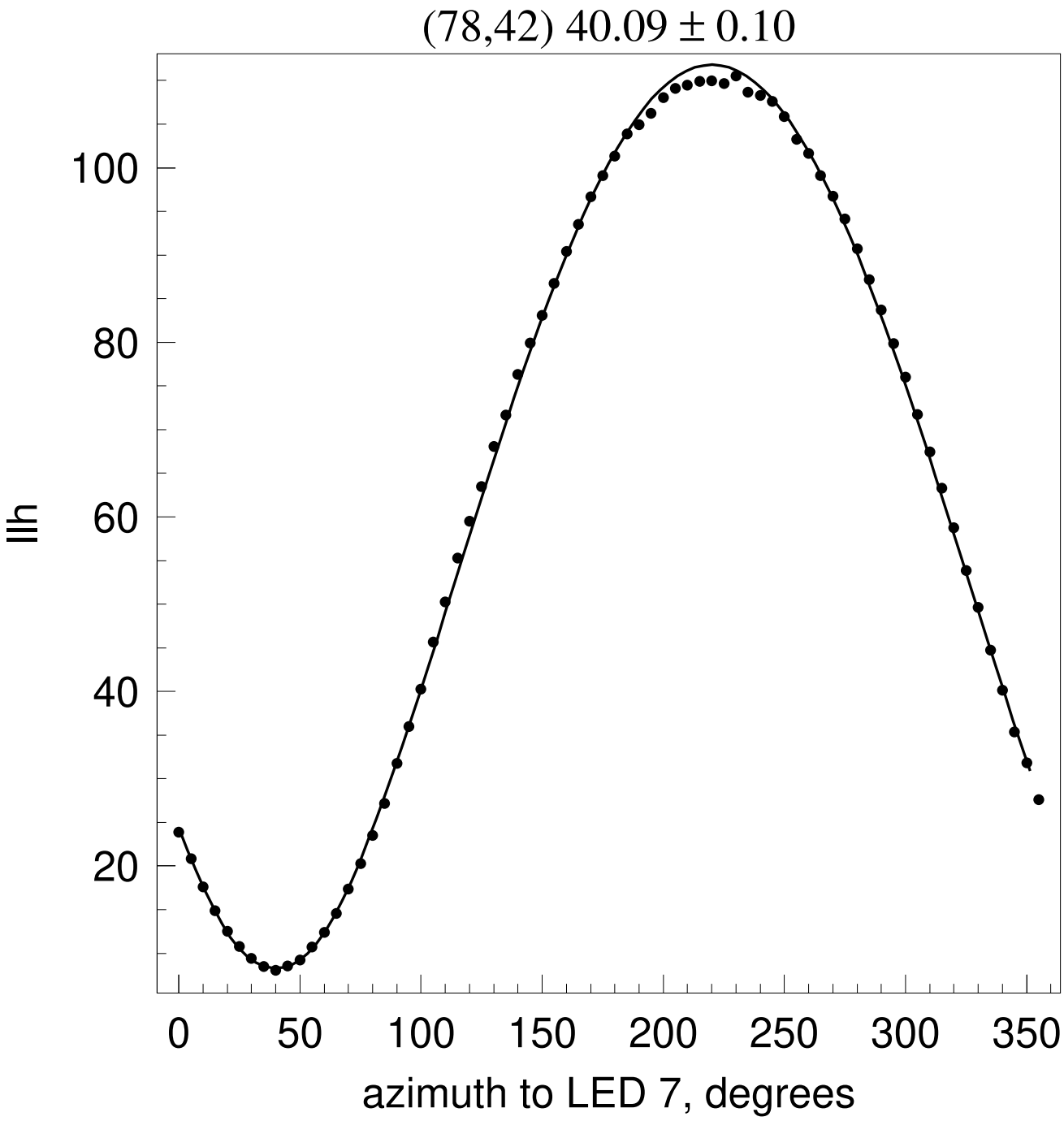

(78,37) 87.46 ± 5.52
10.4
10.2
10
9.8
9.6
9.4
9.2
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

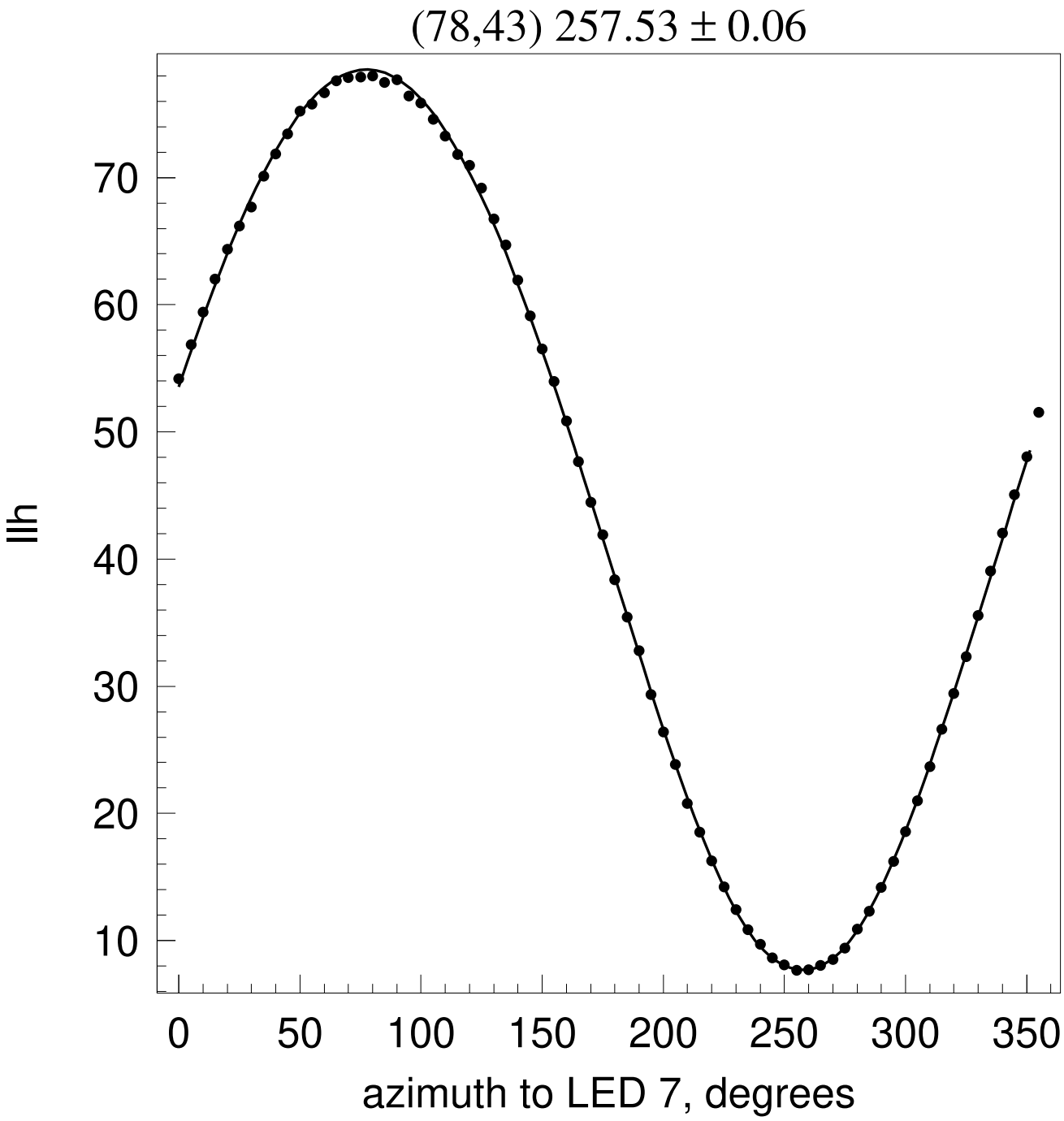

(78,38) 123.44 ± 0.40
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

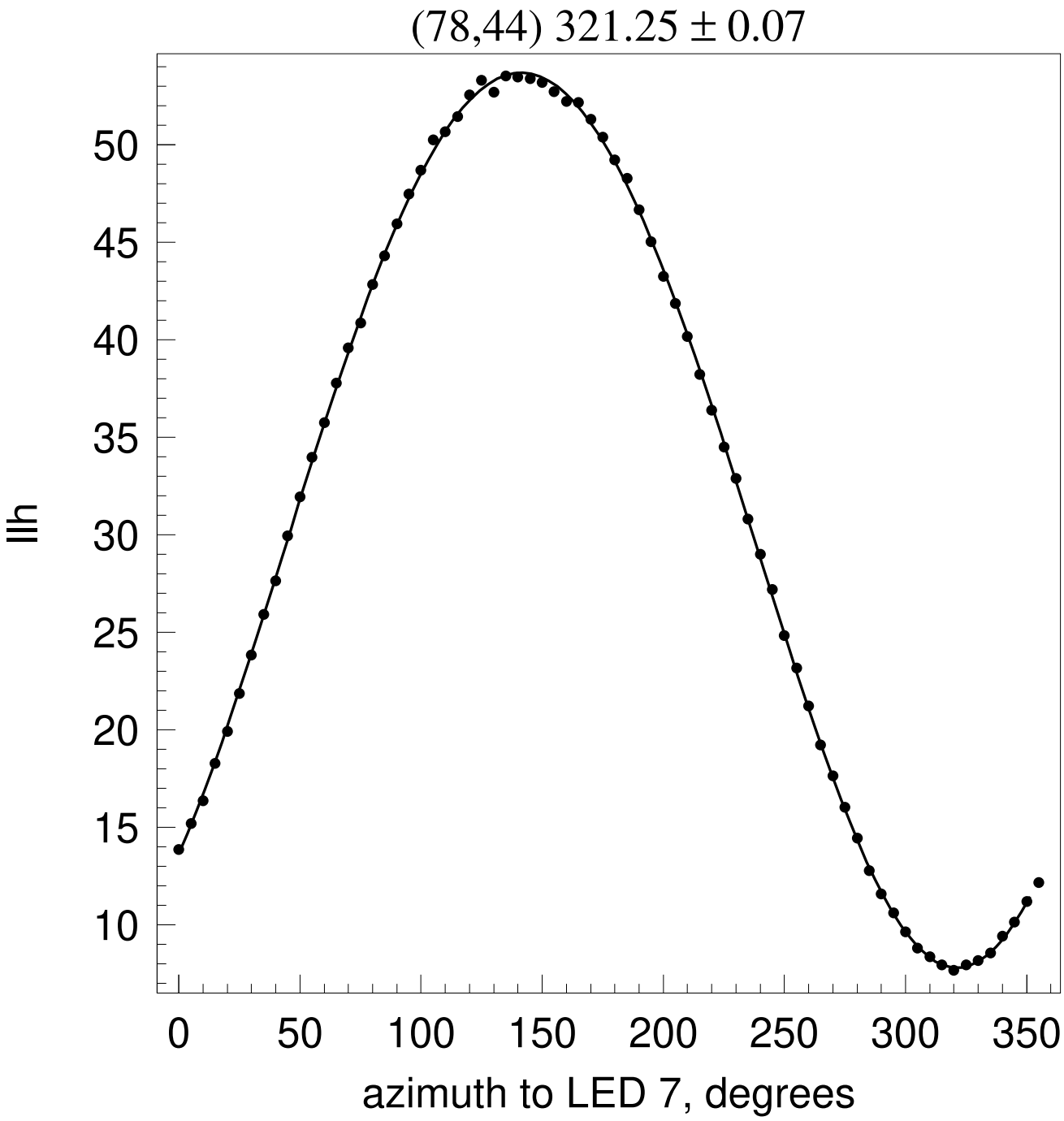

(78,39) 297.05 ± 0.10
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

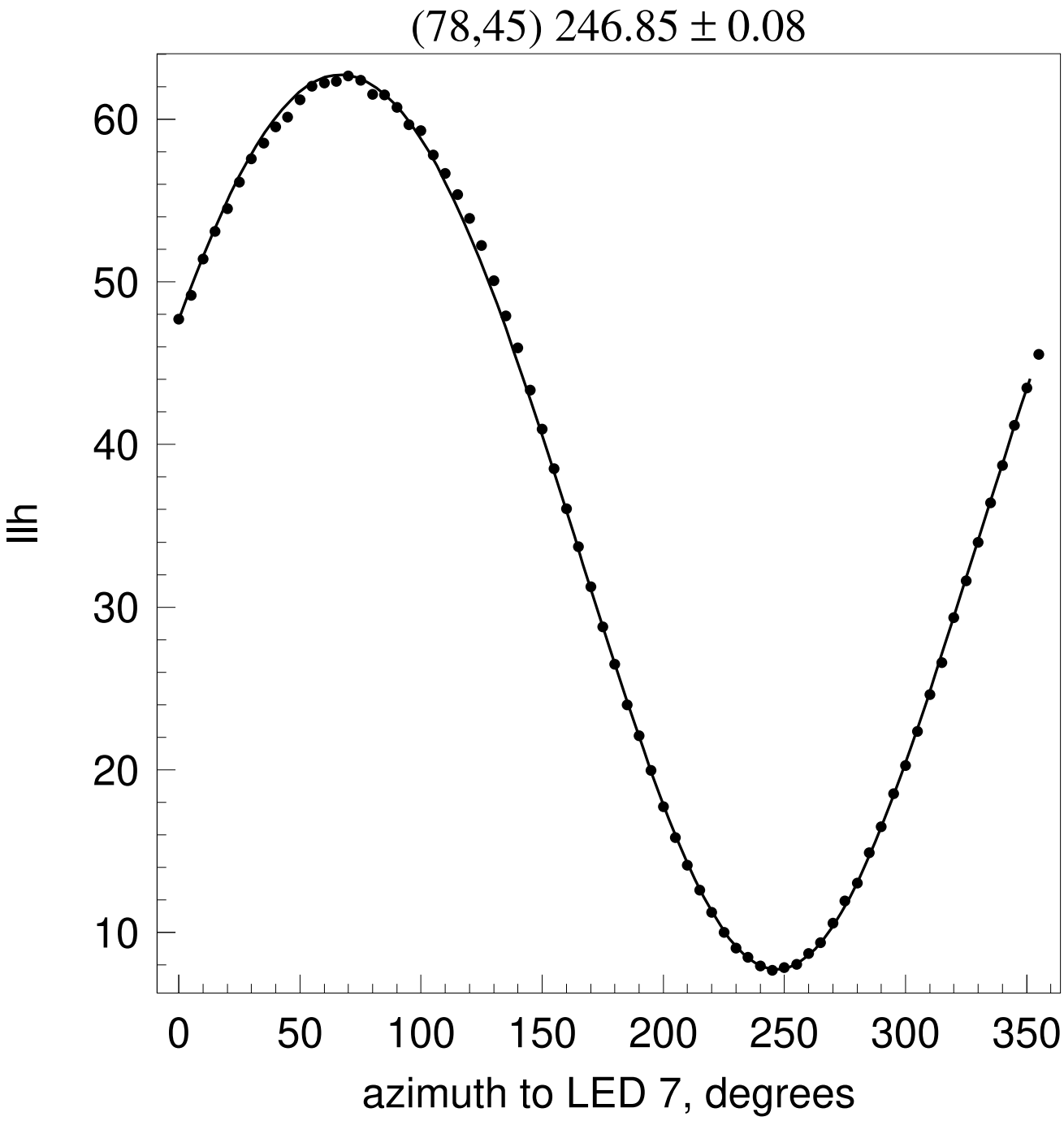

(78,40) 260.95 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

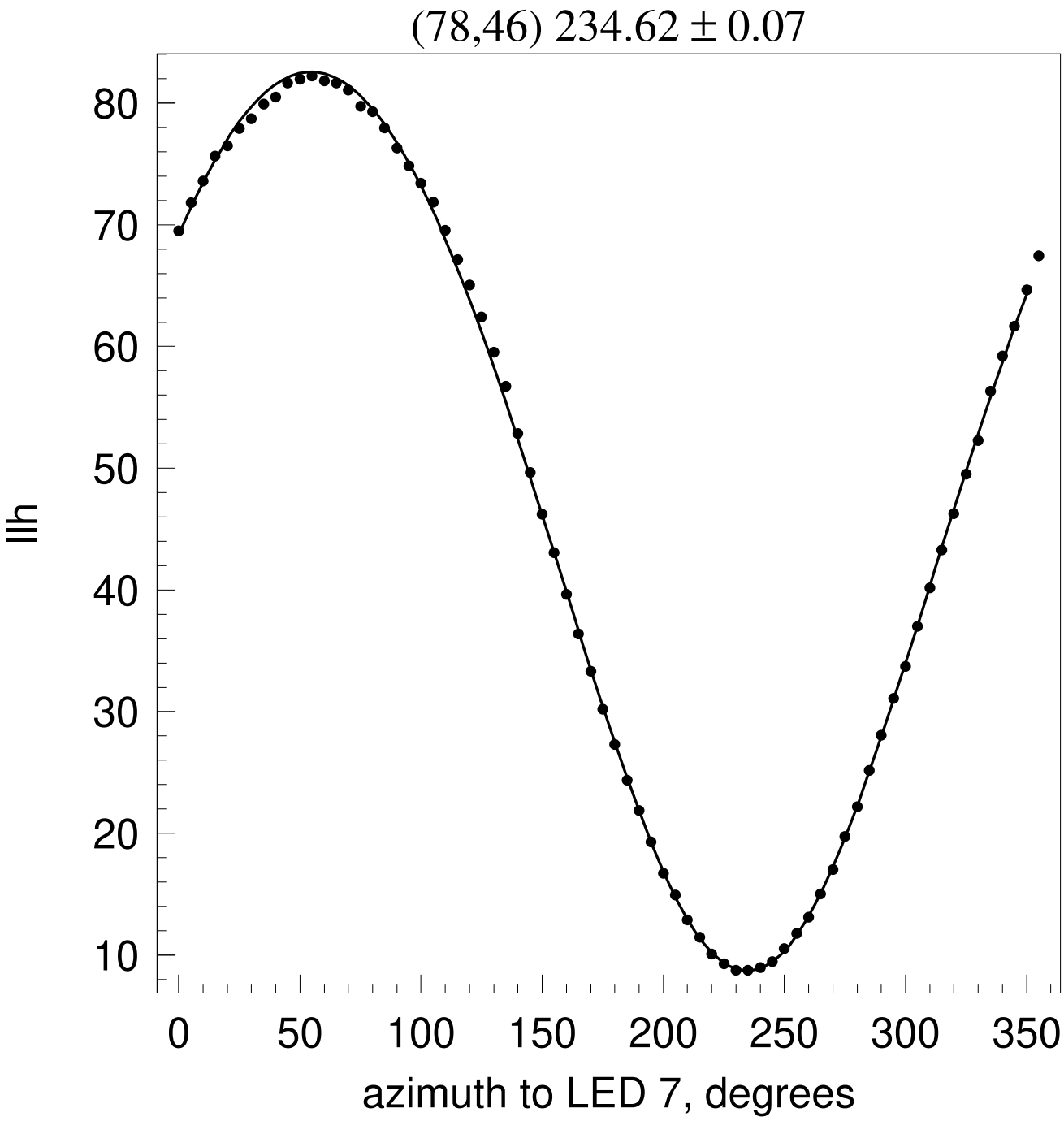

(78,41) 165.66 ± 0.06
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

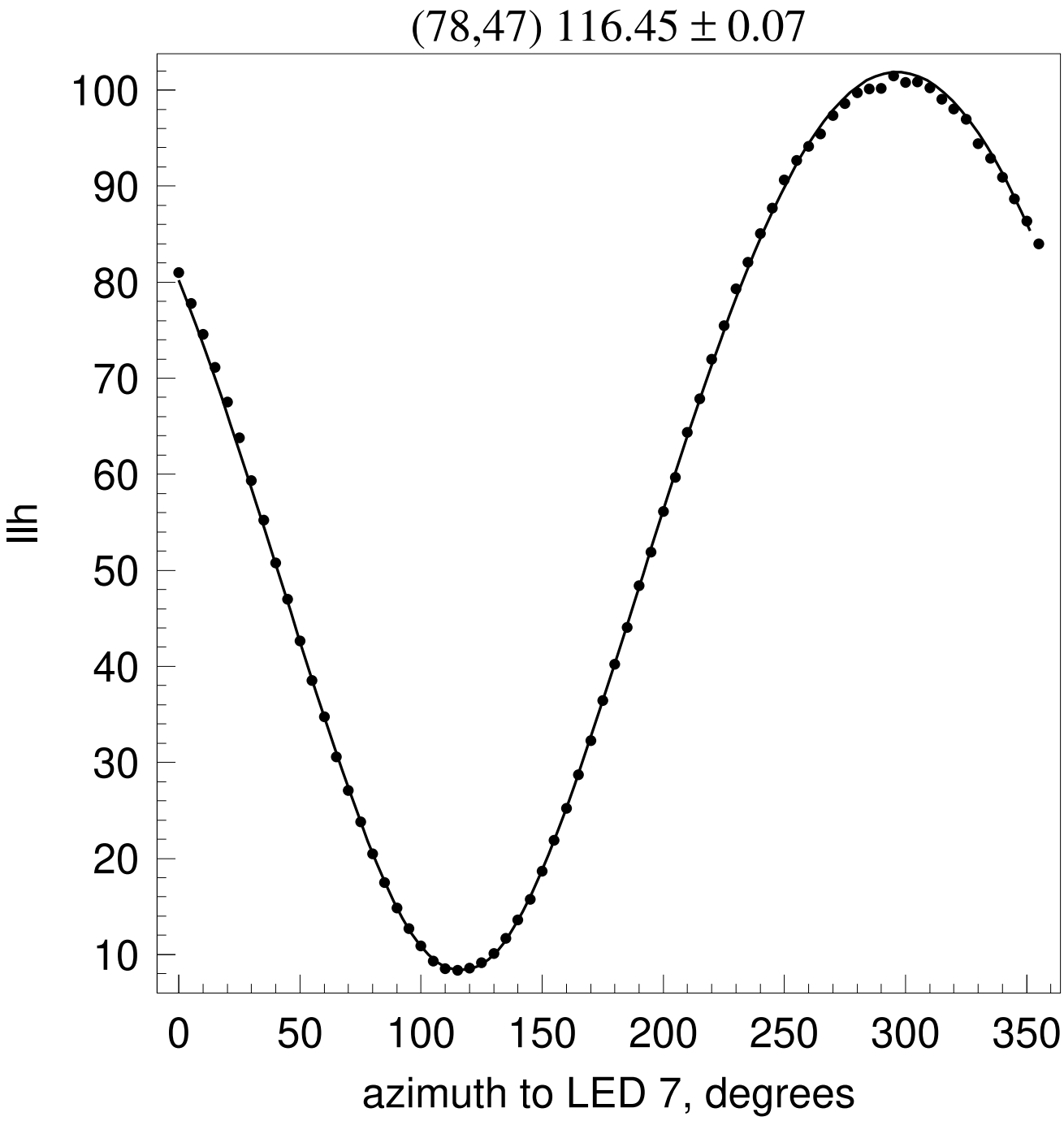

(78,42) 40.09 ± 0.10
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

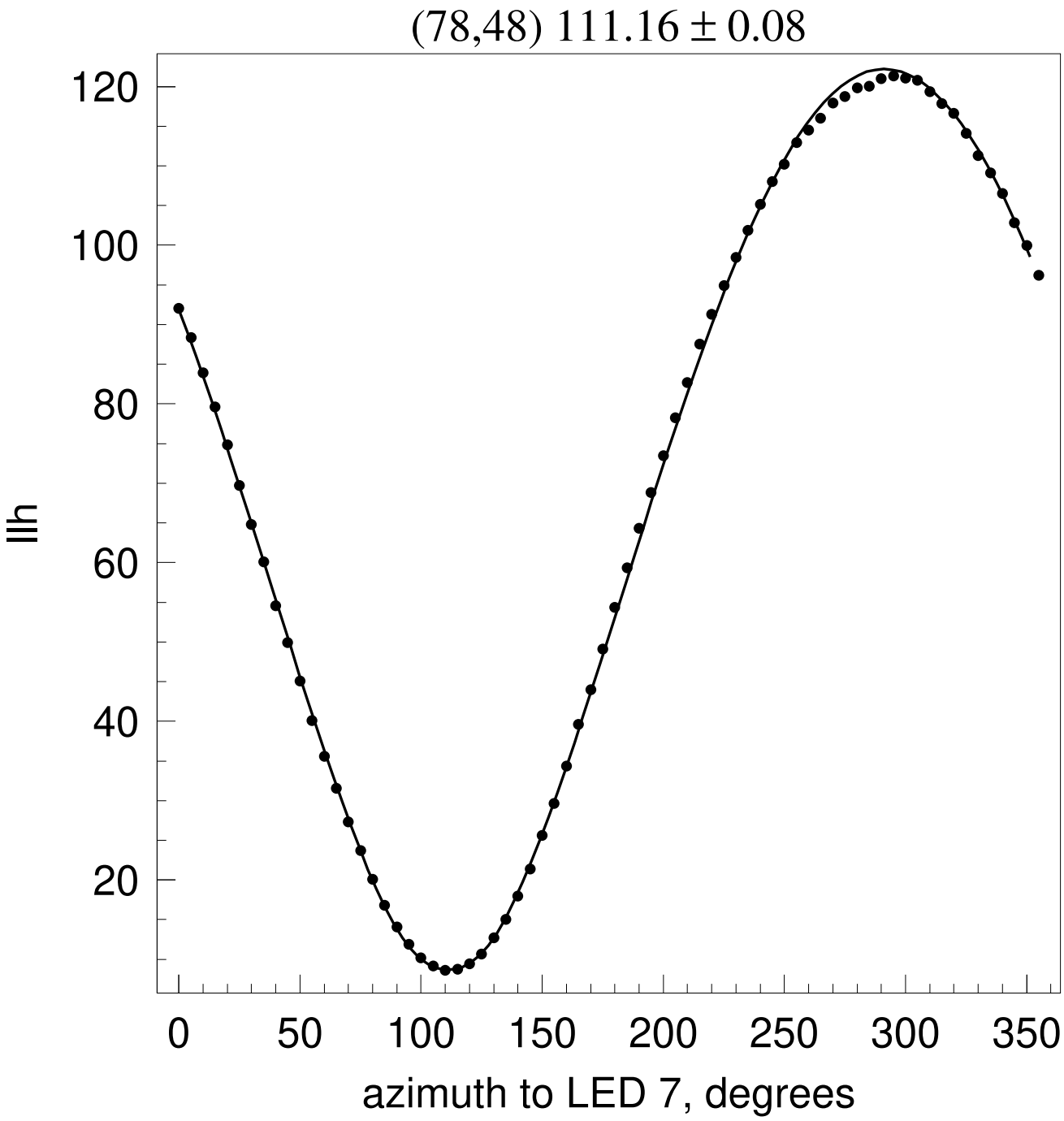

(78,43) 257.53 ± 0.06
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

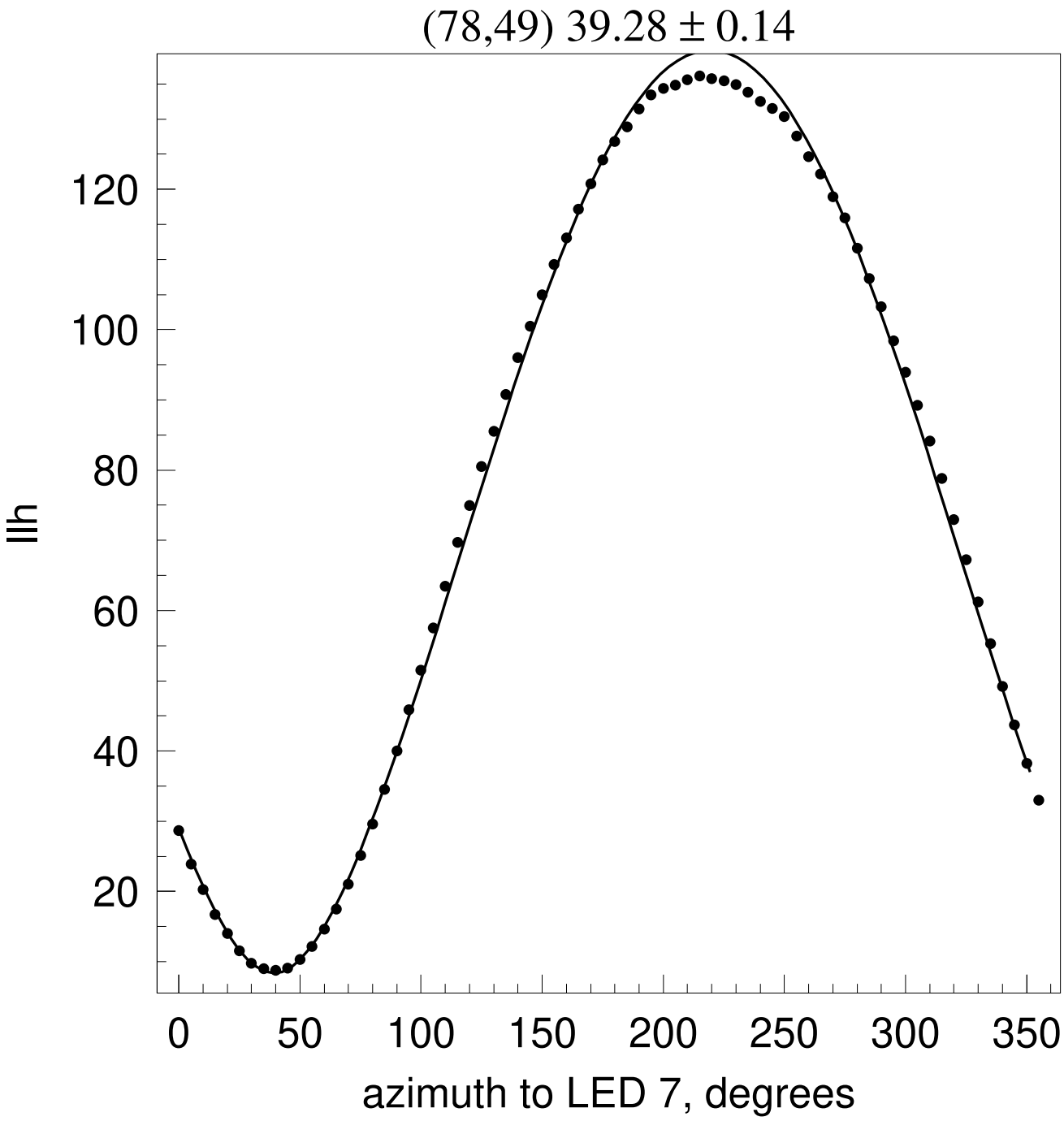

(78,44) 321.25 ± 0.07
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

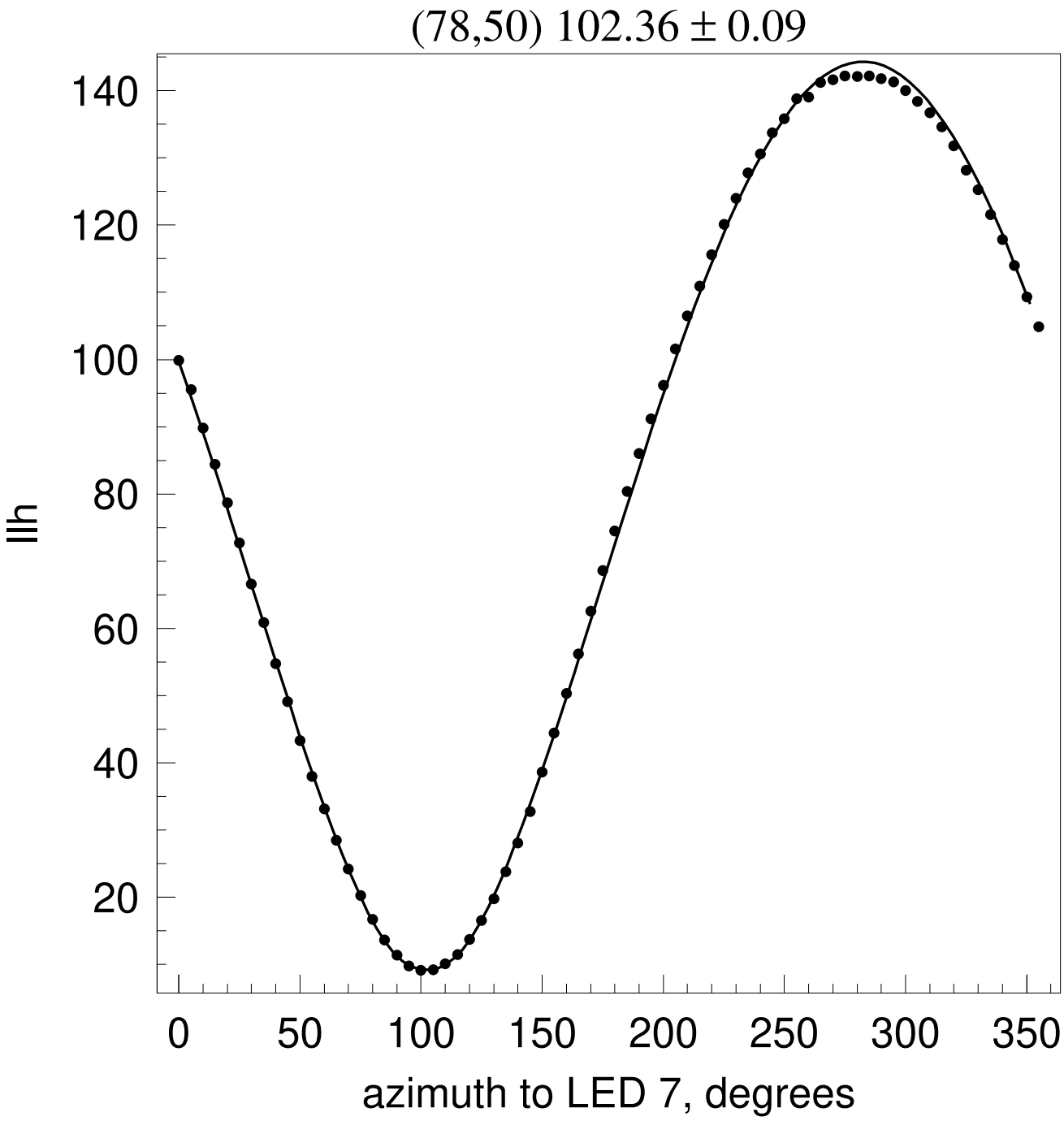

(78,45) 246.85 ± 0.08
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

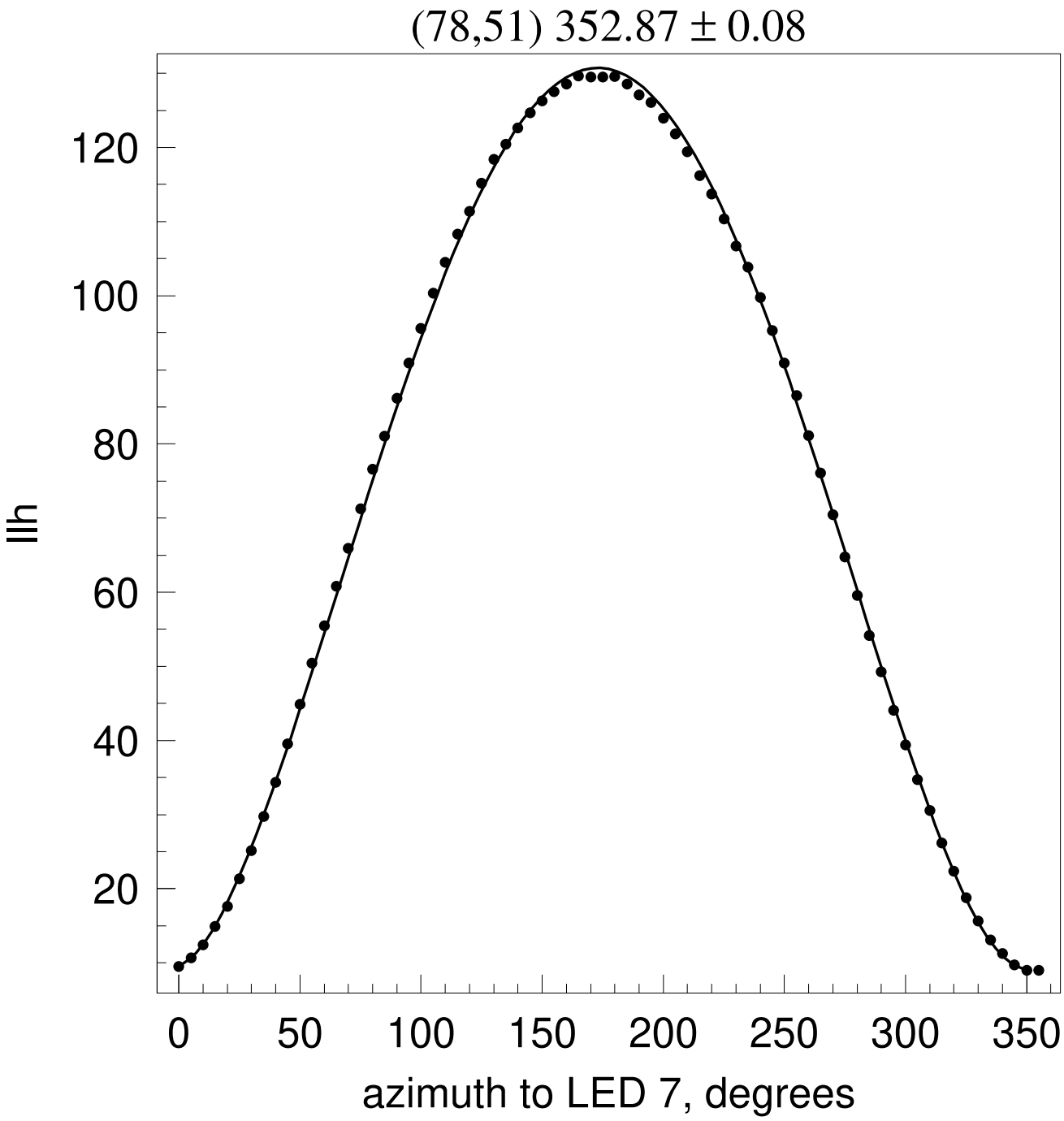

(78,46) 234.62 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

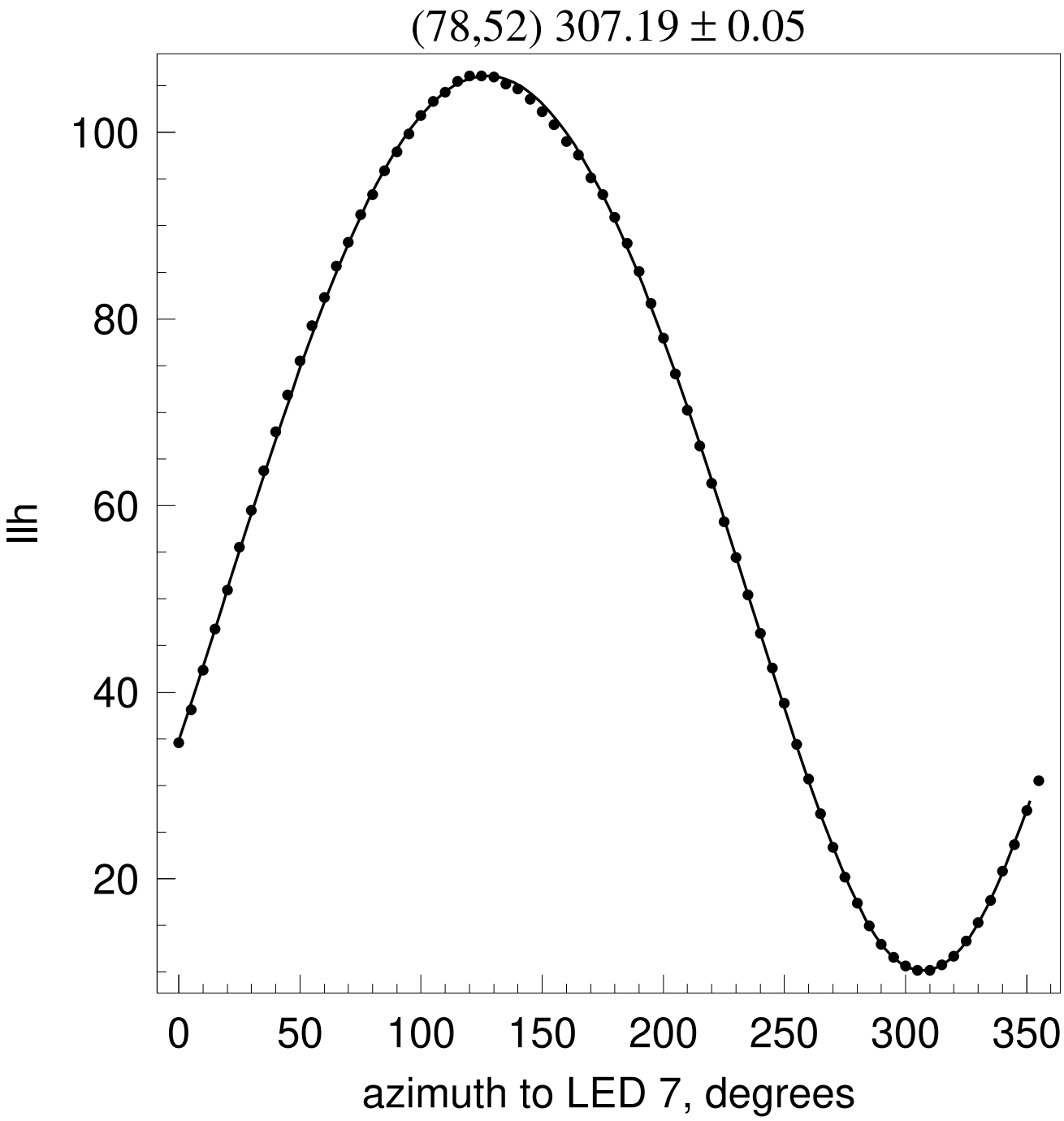

(78,47) 116.45 ± 0.07
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

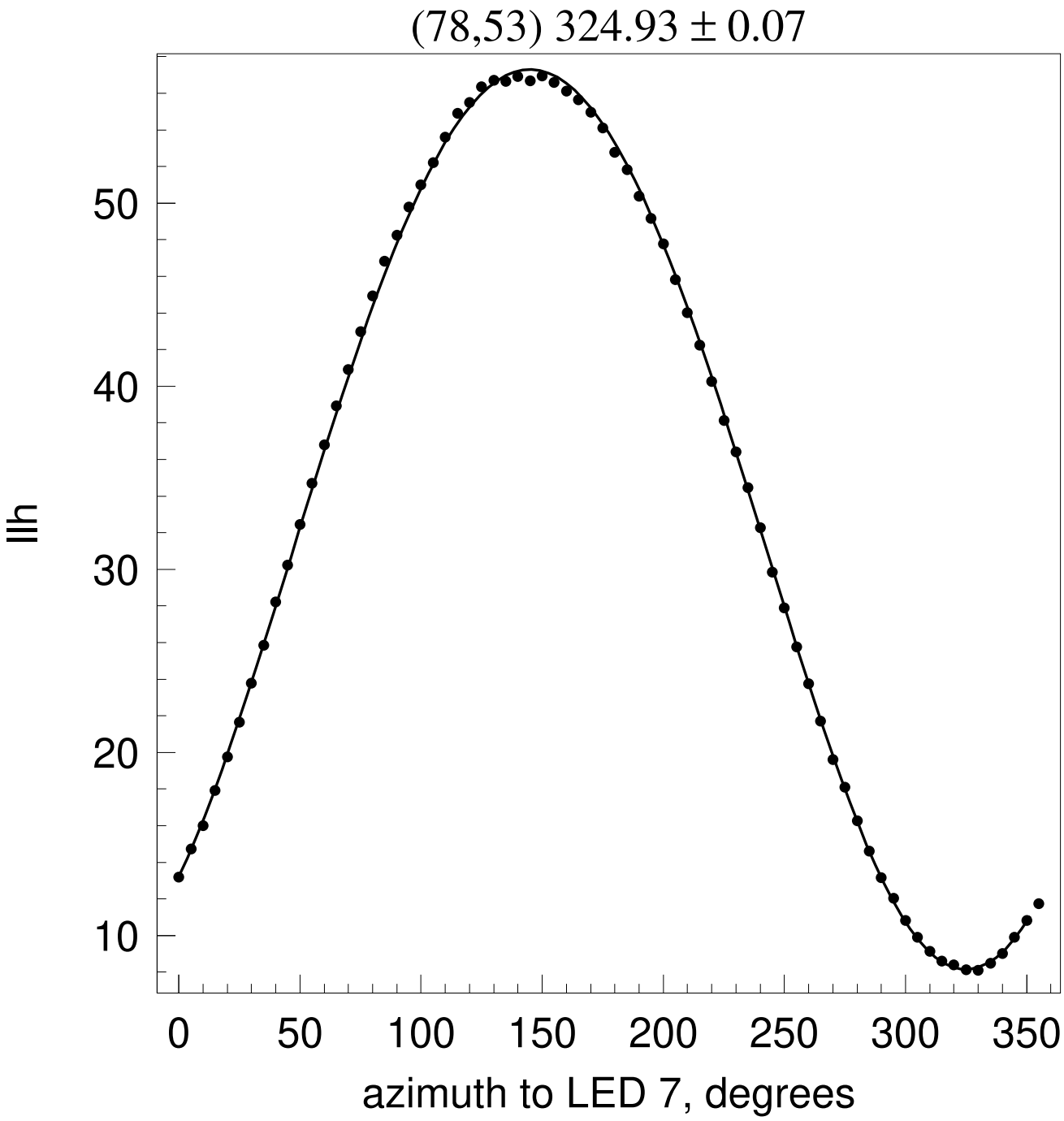

(78,48) 111.16 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

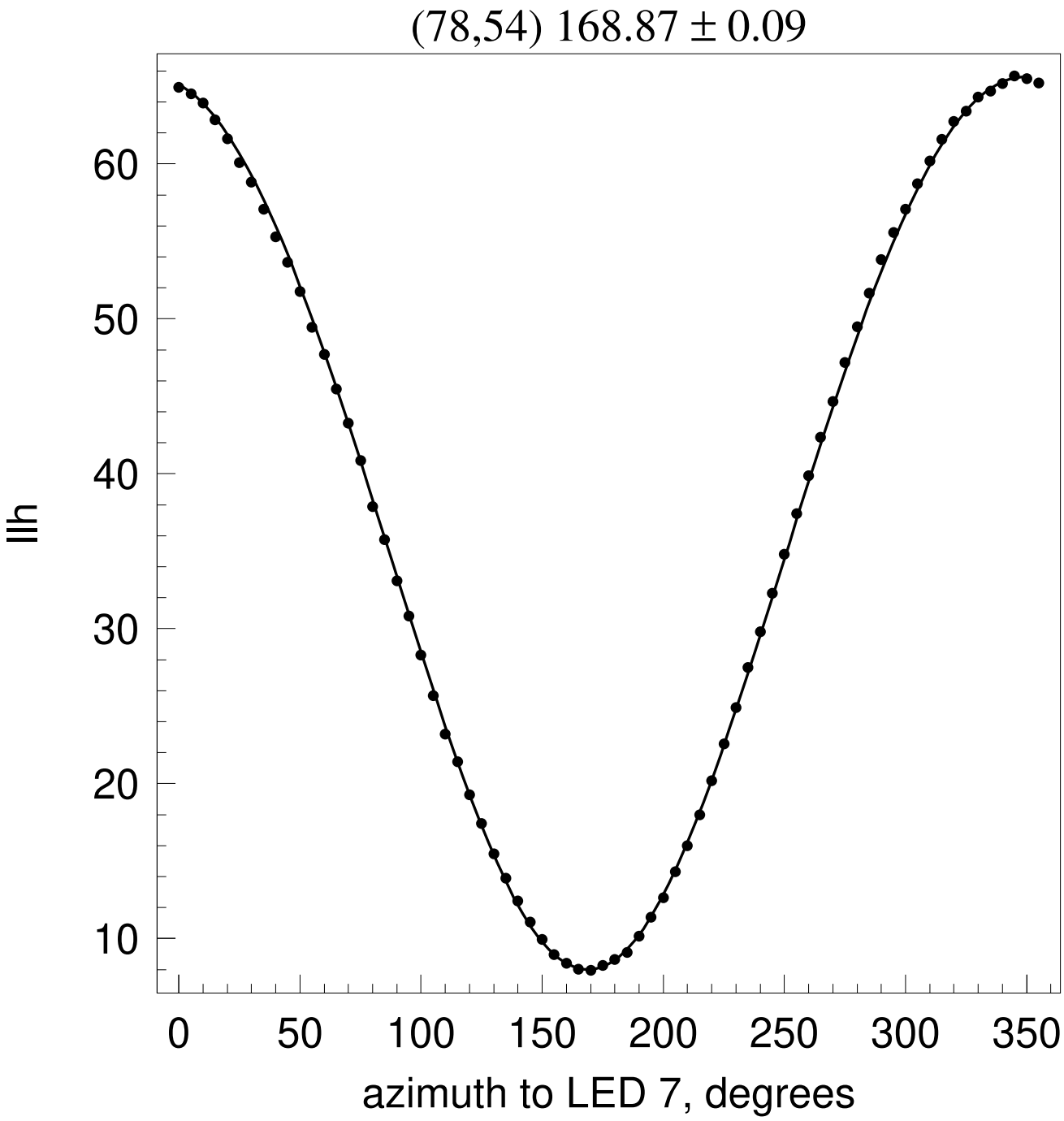

(78,49) 39.28 ± 0.14
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

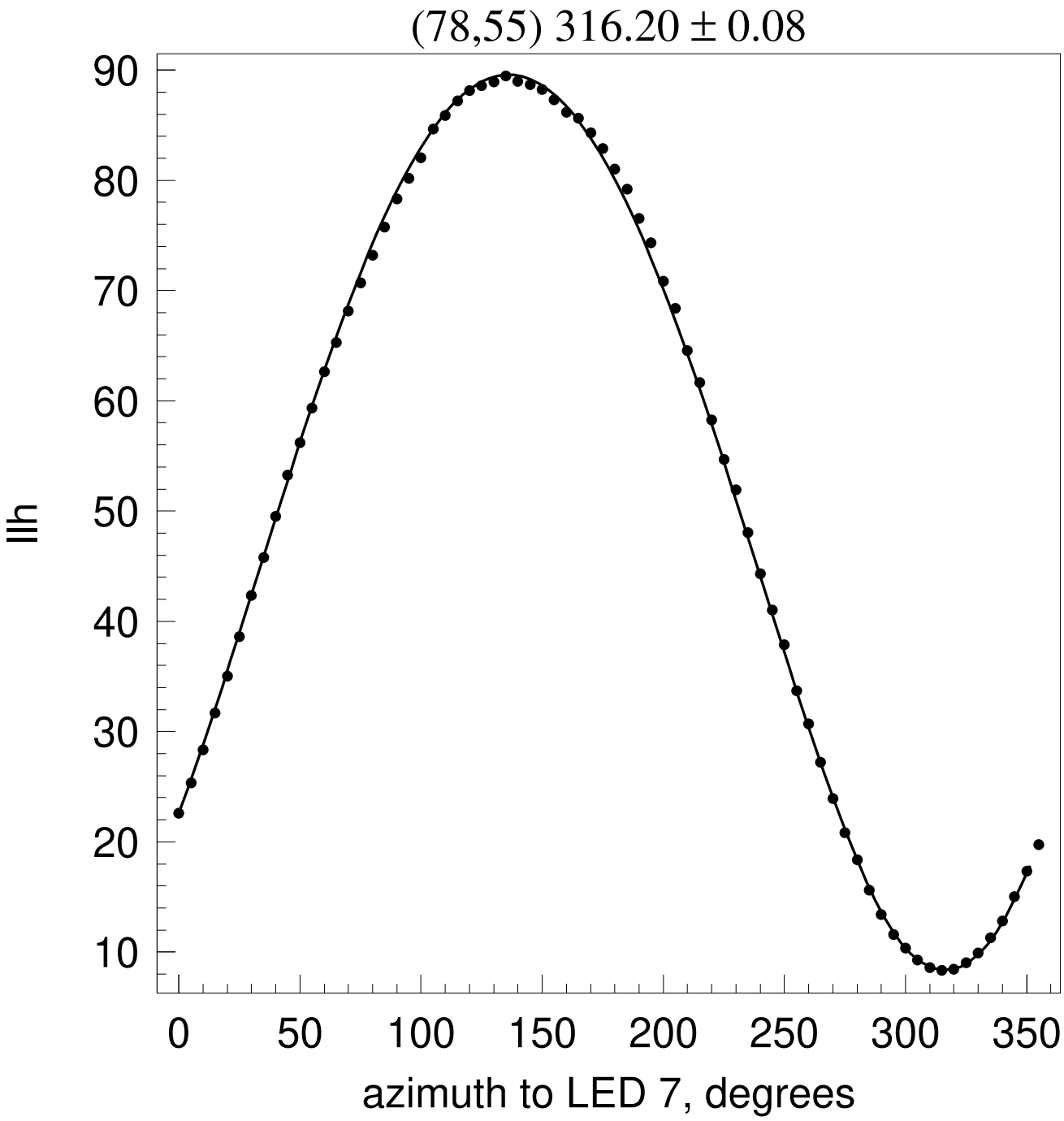

(78,50) 102.36 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

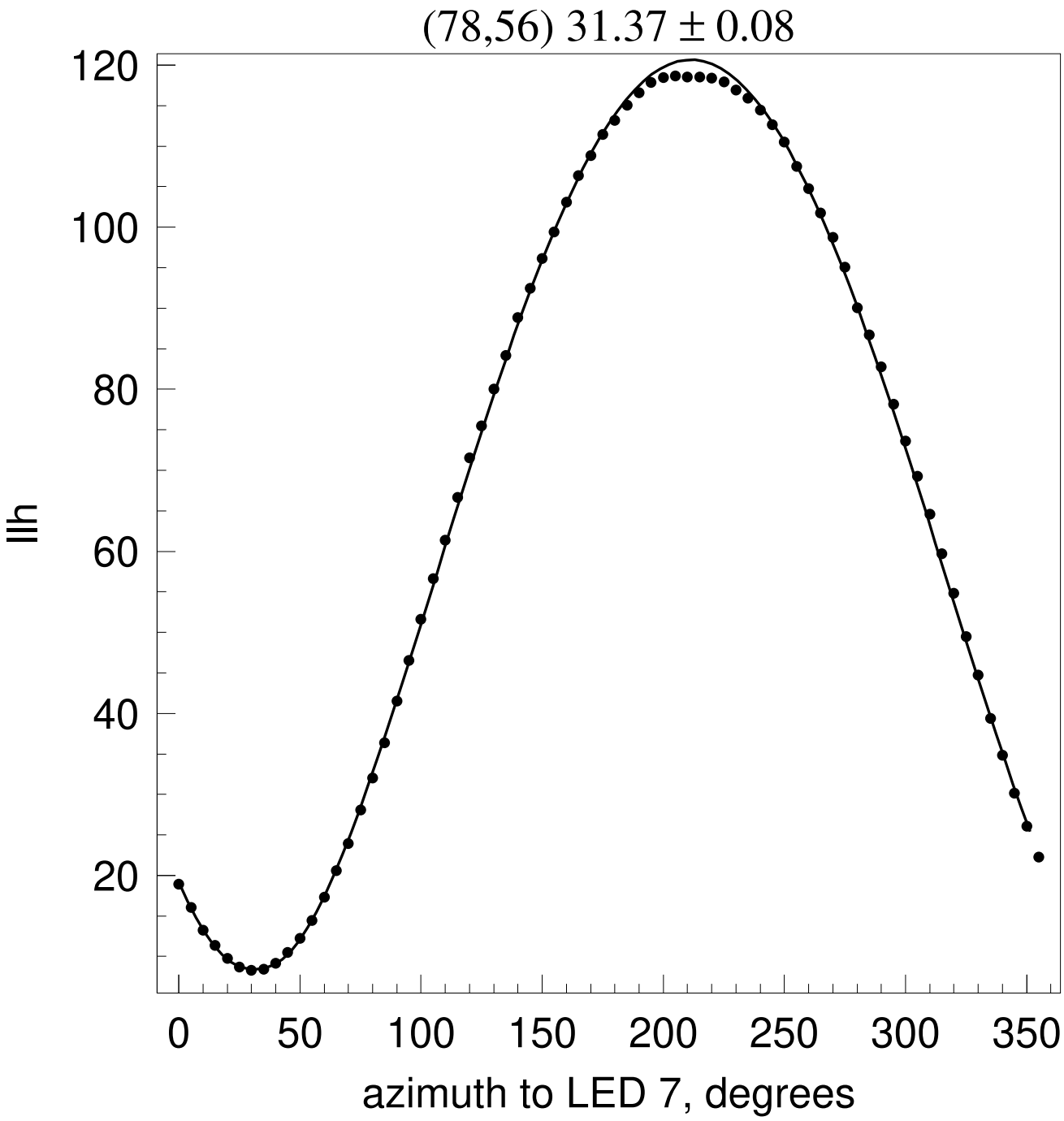

(78,51) 352.87 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

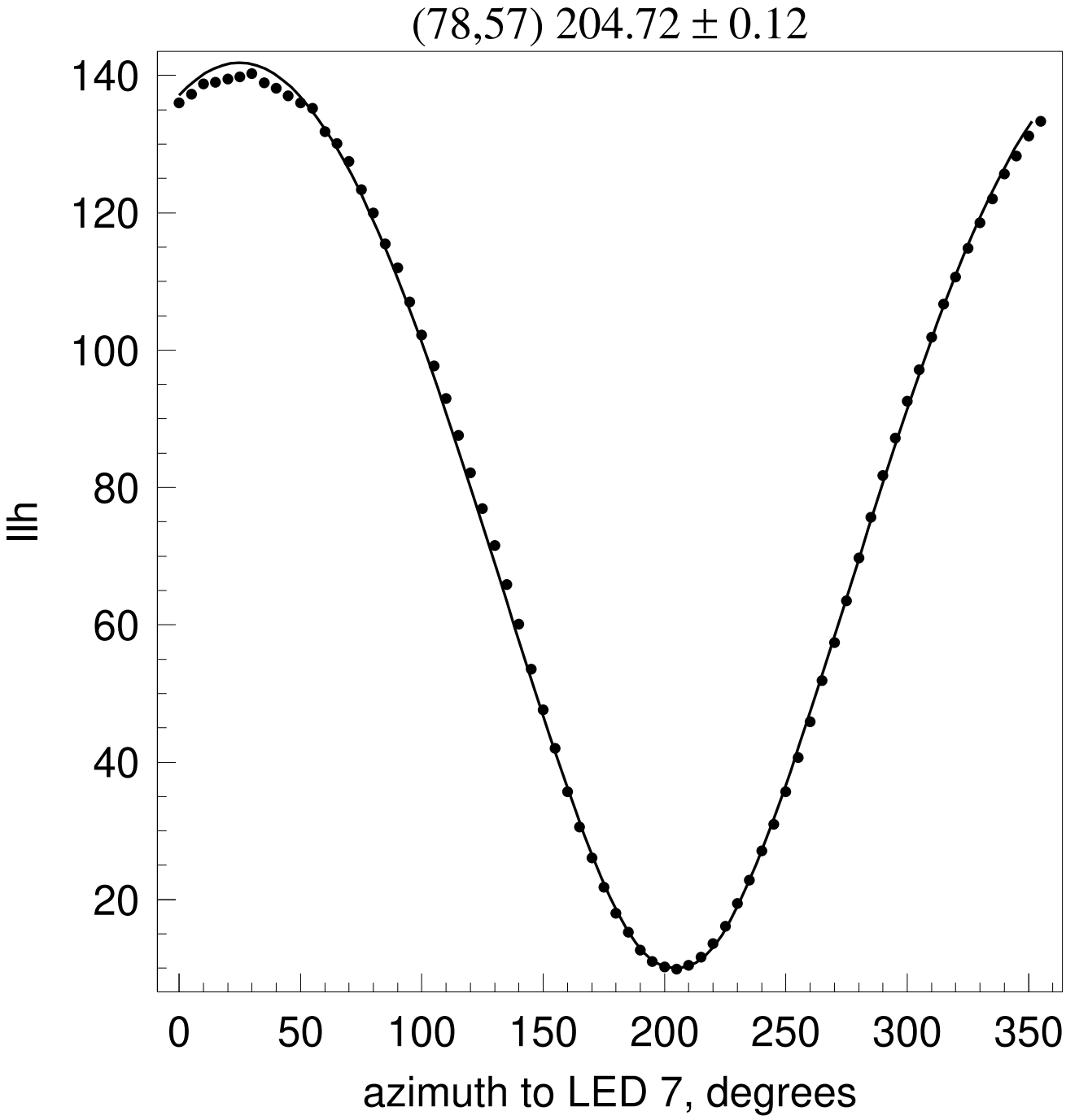

(78,52) 307.19 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

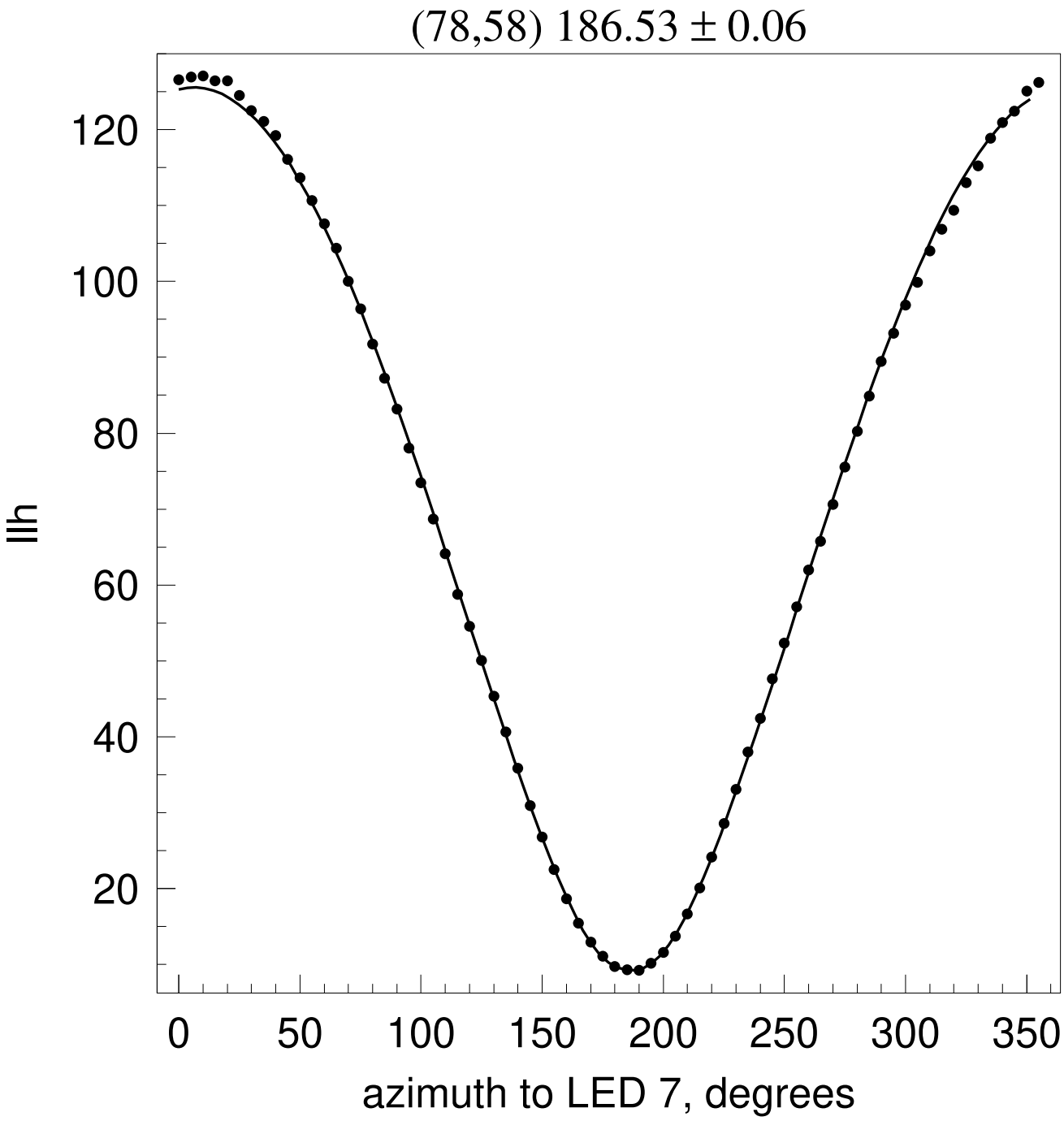

(78,53) 324.93 ± 0.07
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

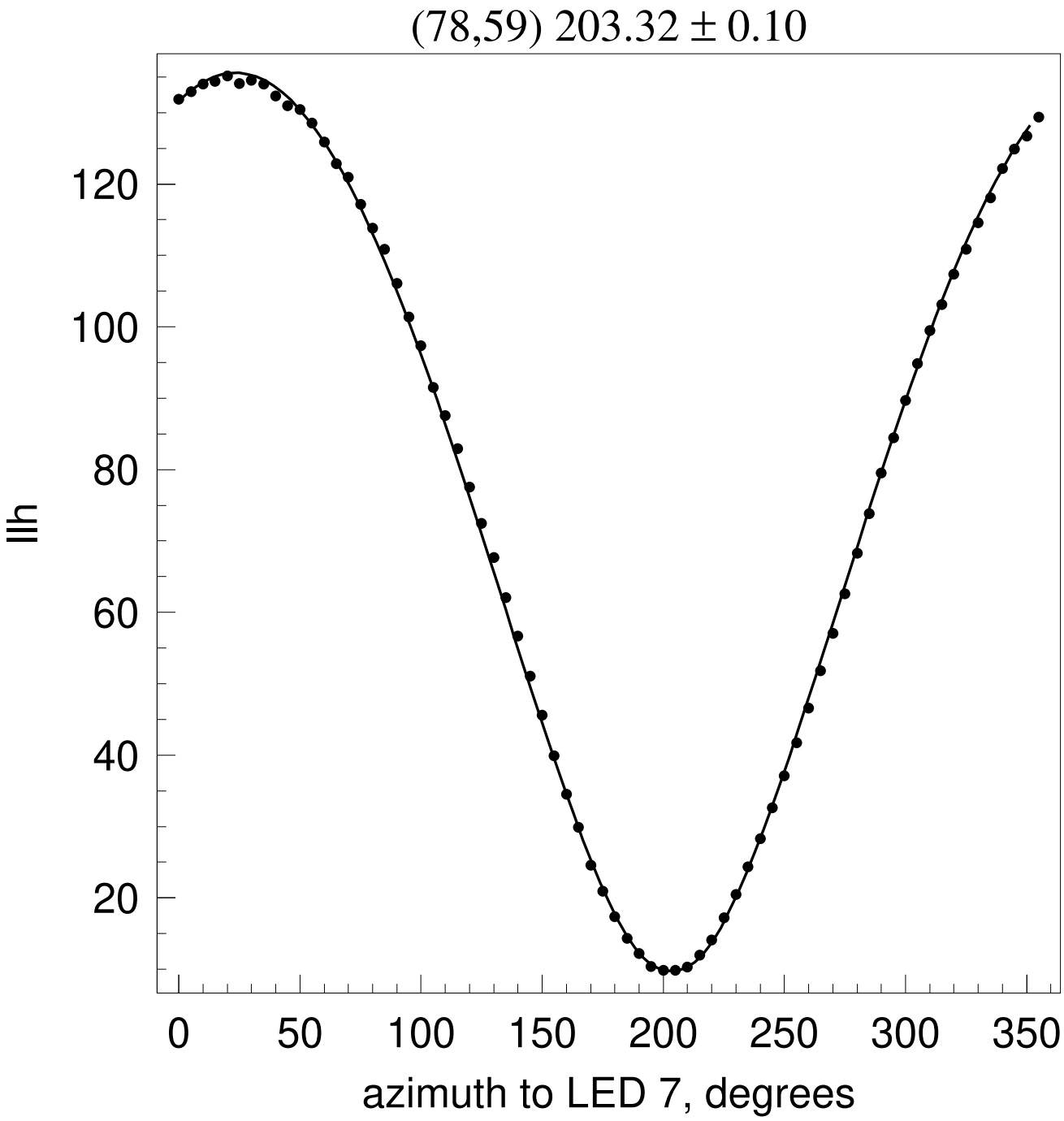

(78,54) 168.87 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

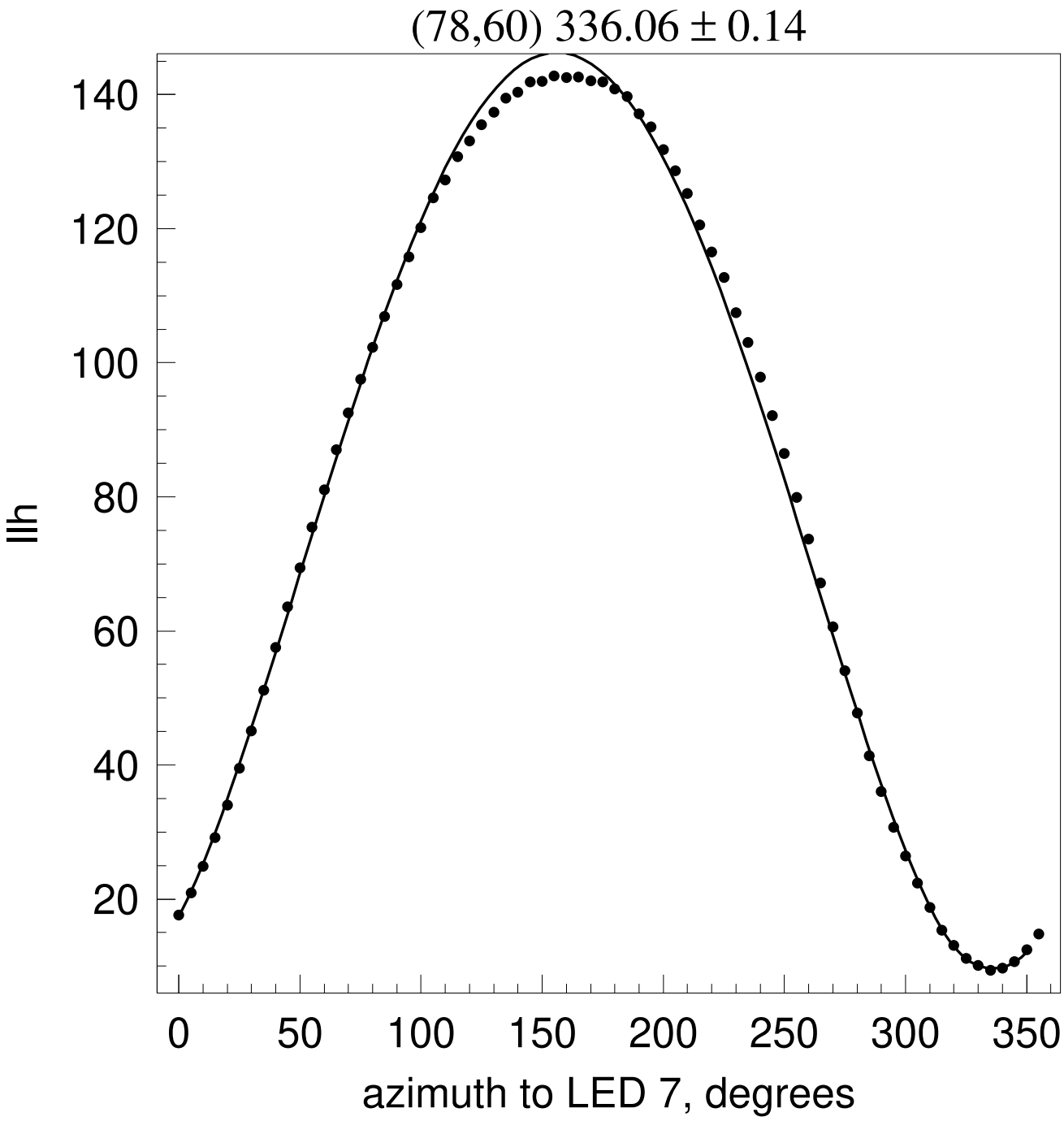

(78,55) 316.20 ± 0.08
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

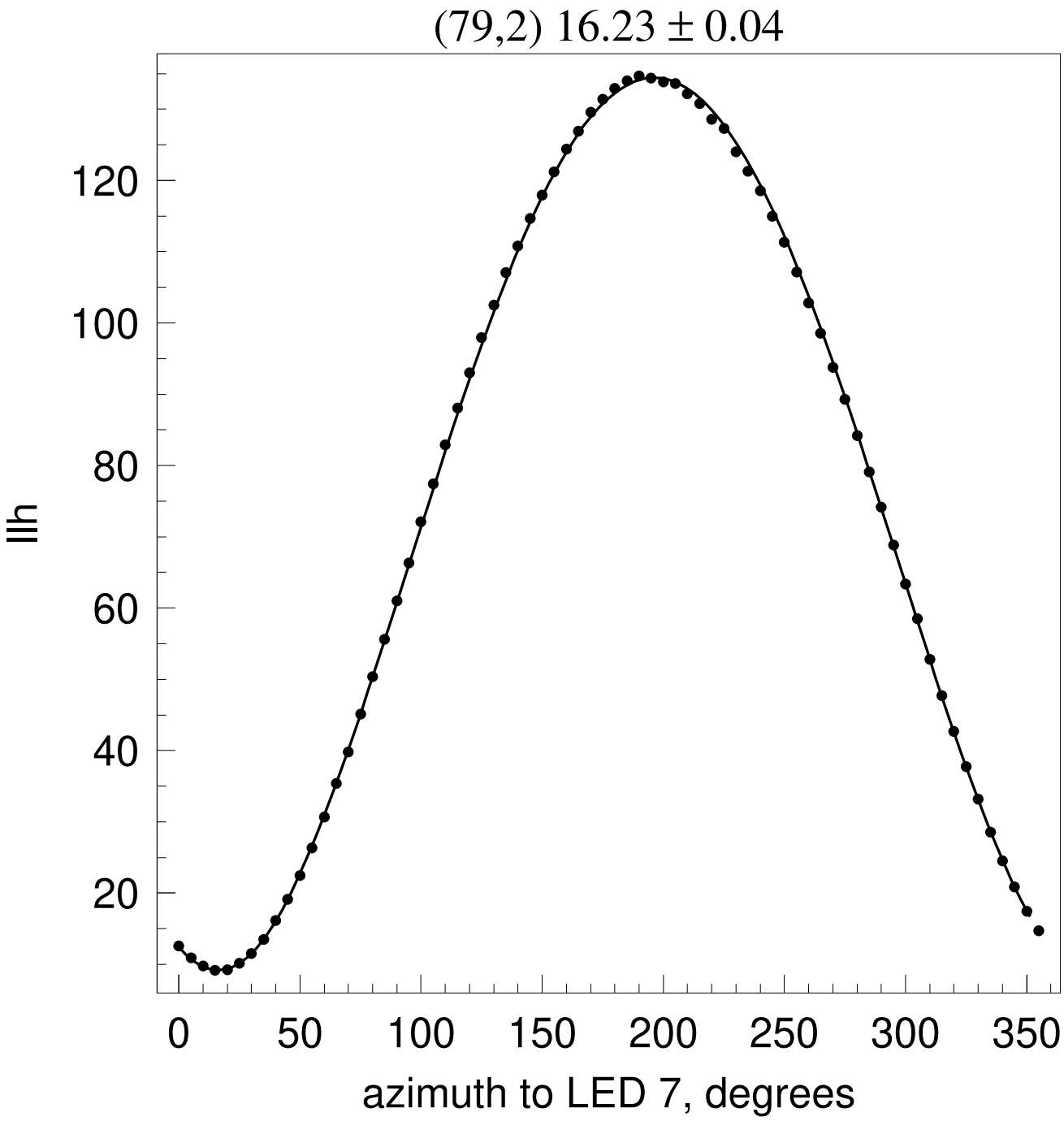

(78,56) 31.37 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

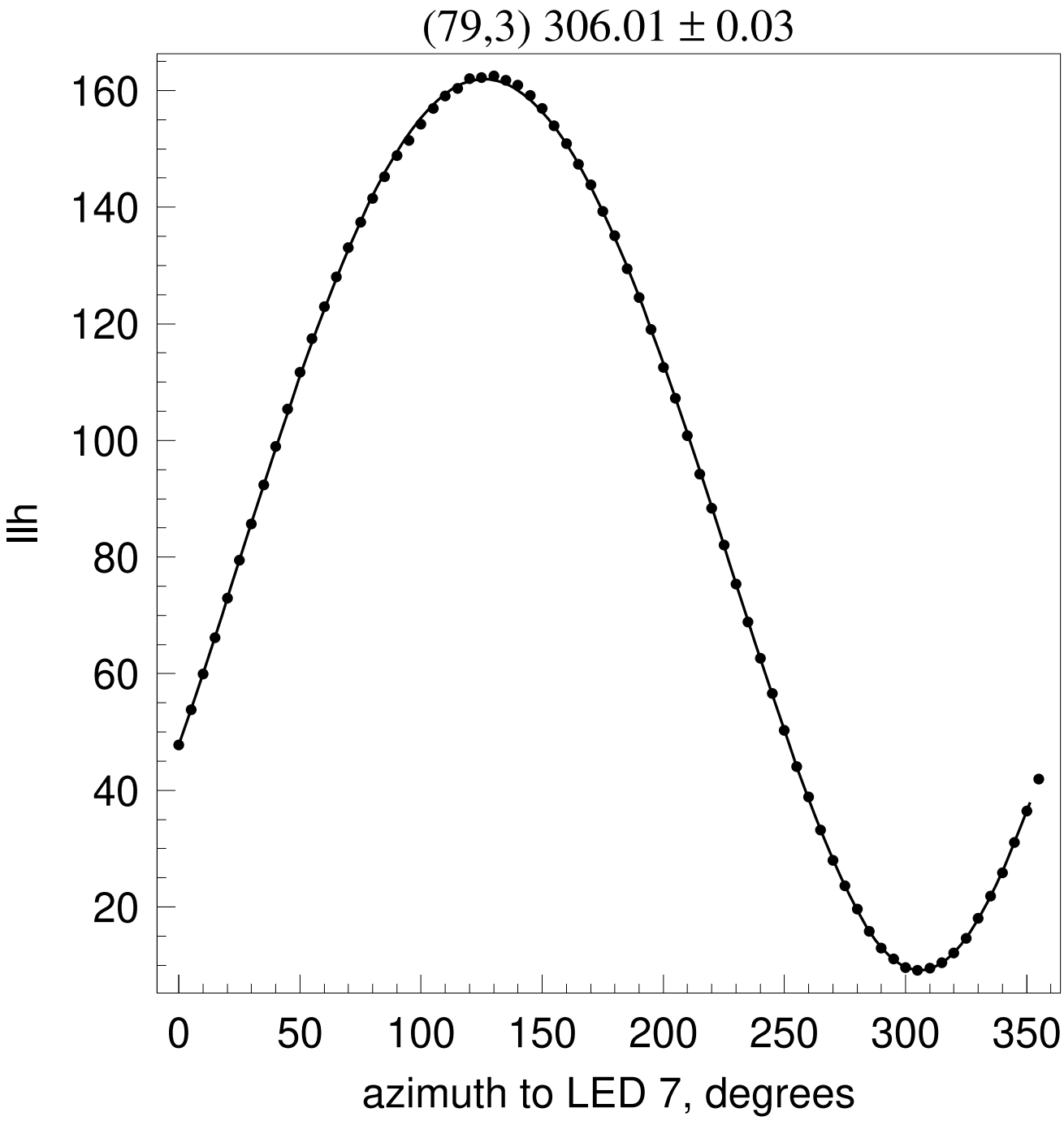

(78,57) 204.72 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

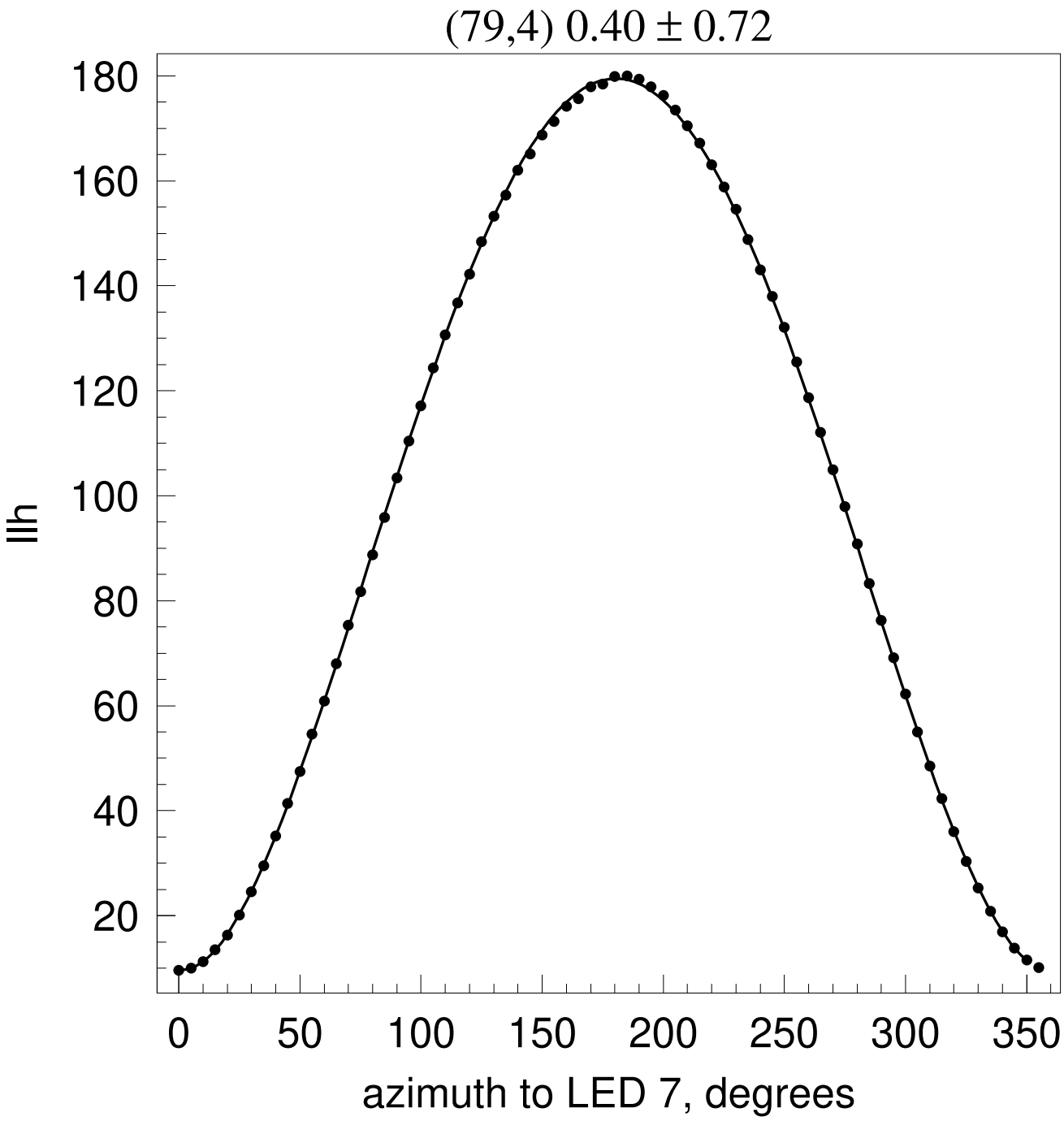

(78,58) 186.53 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

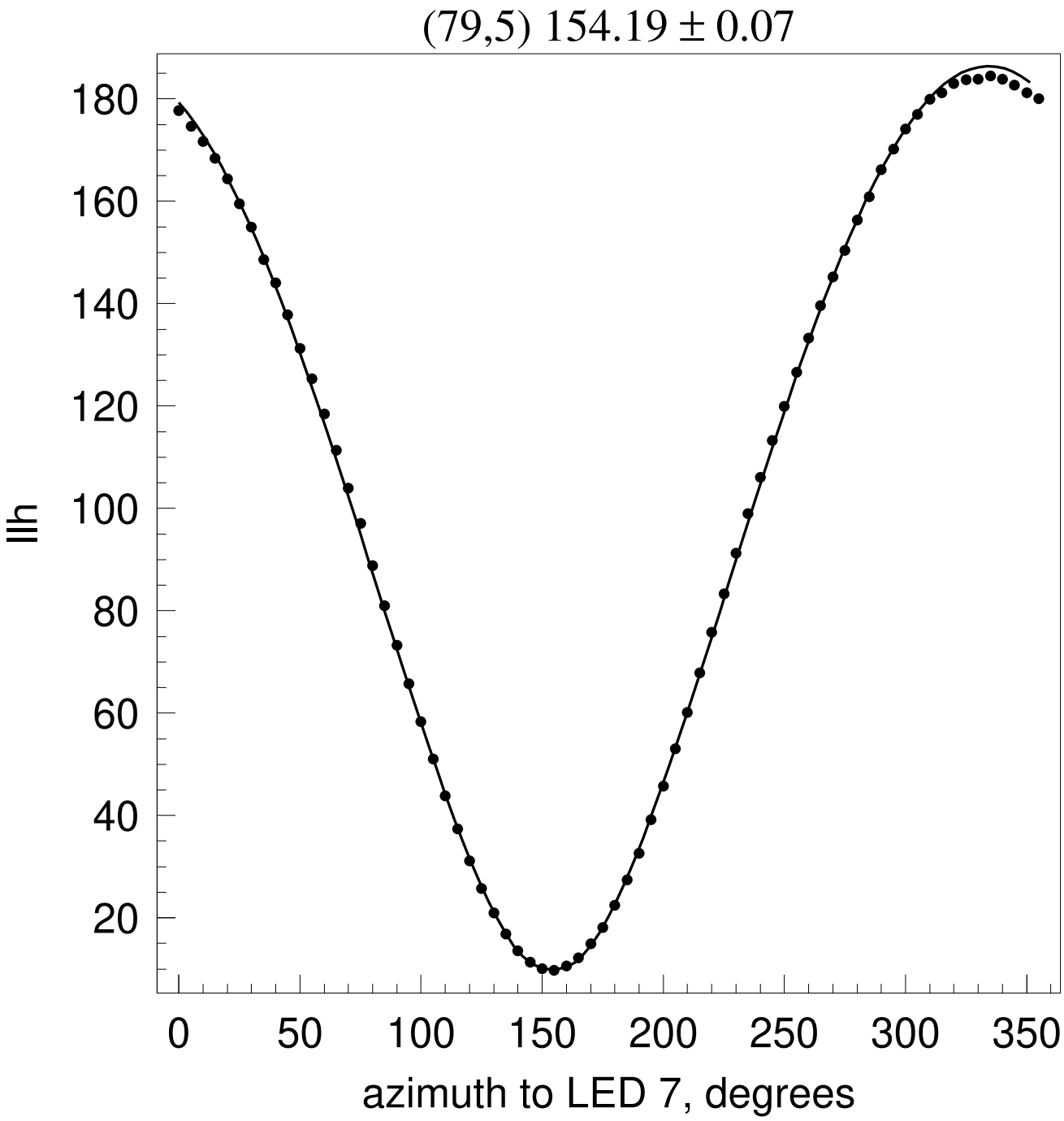

(78,59) 203.32 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

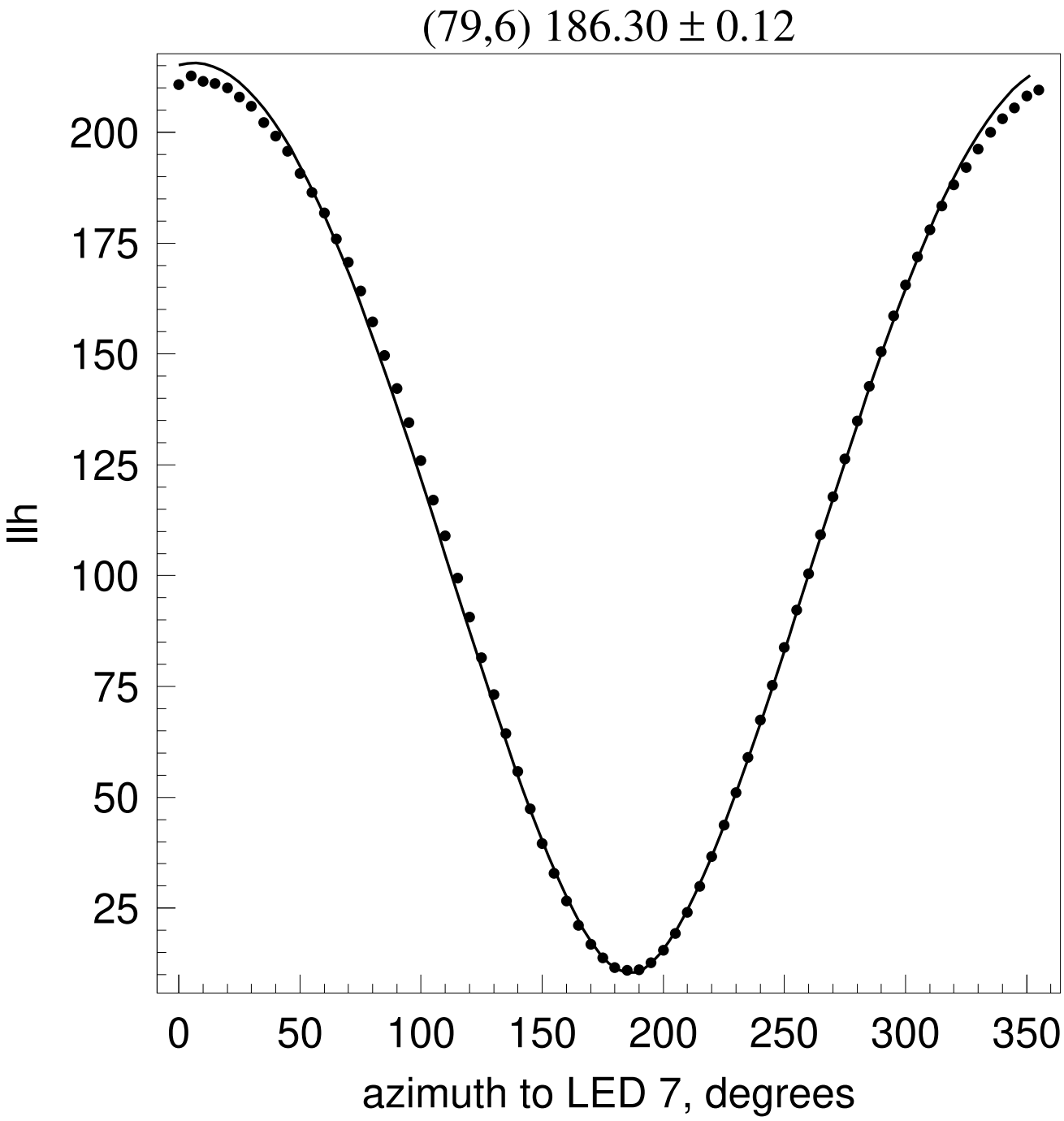

(78,60) 336.06 ± 0.14
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

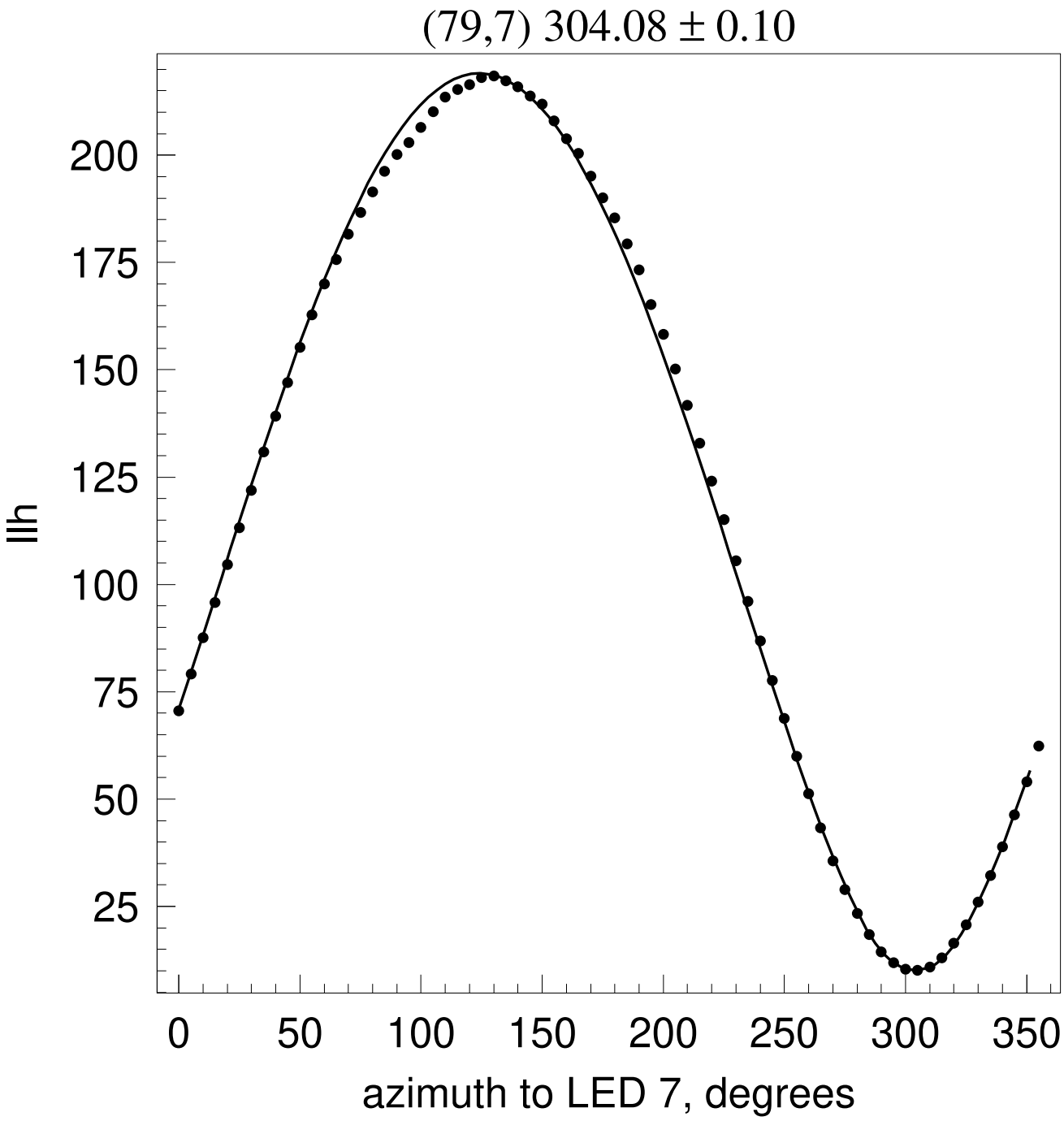

(79,2) 16.23 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

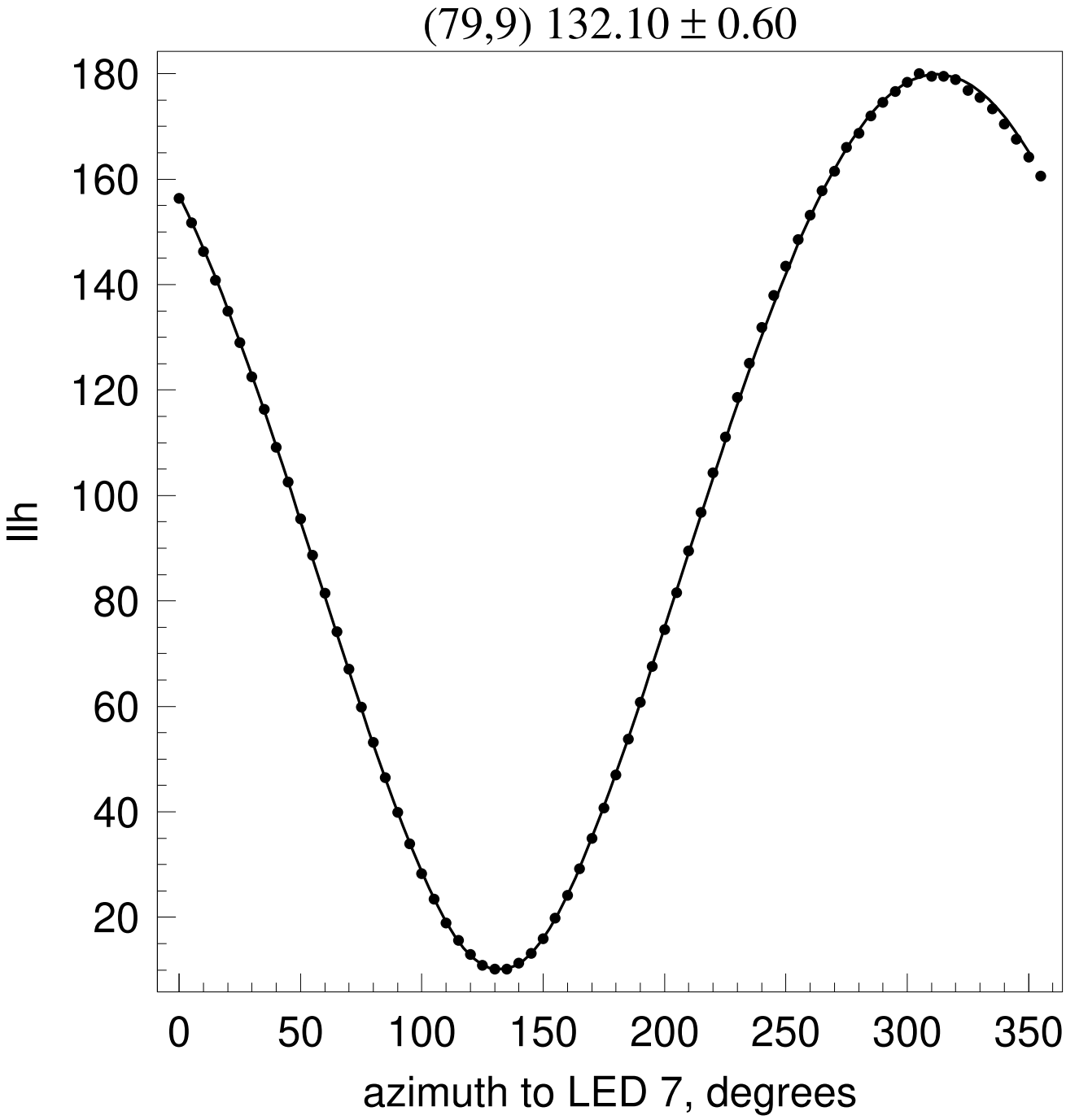

(79,3) 306.01 ± 0.03
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

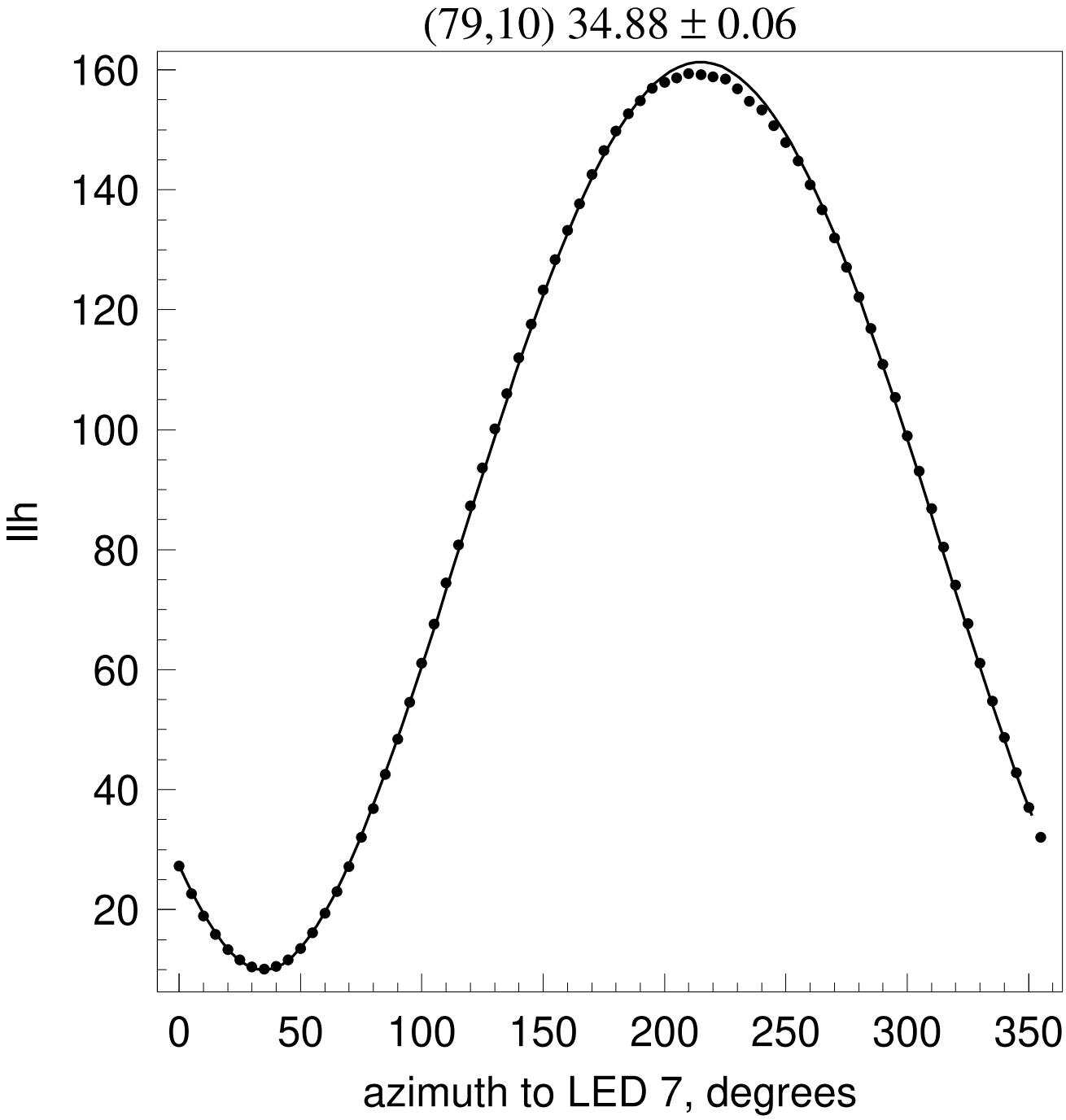

(79,4) 0.40 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

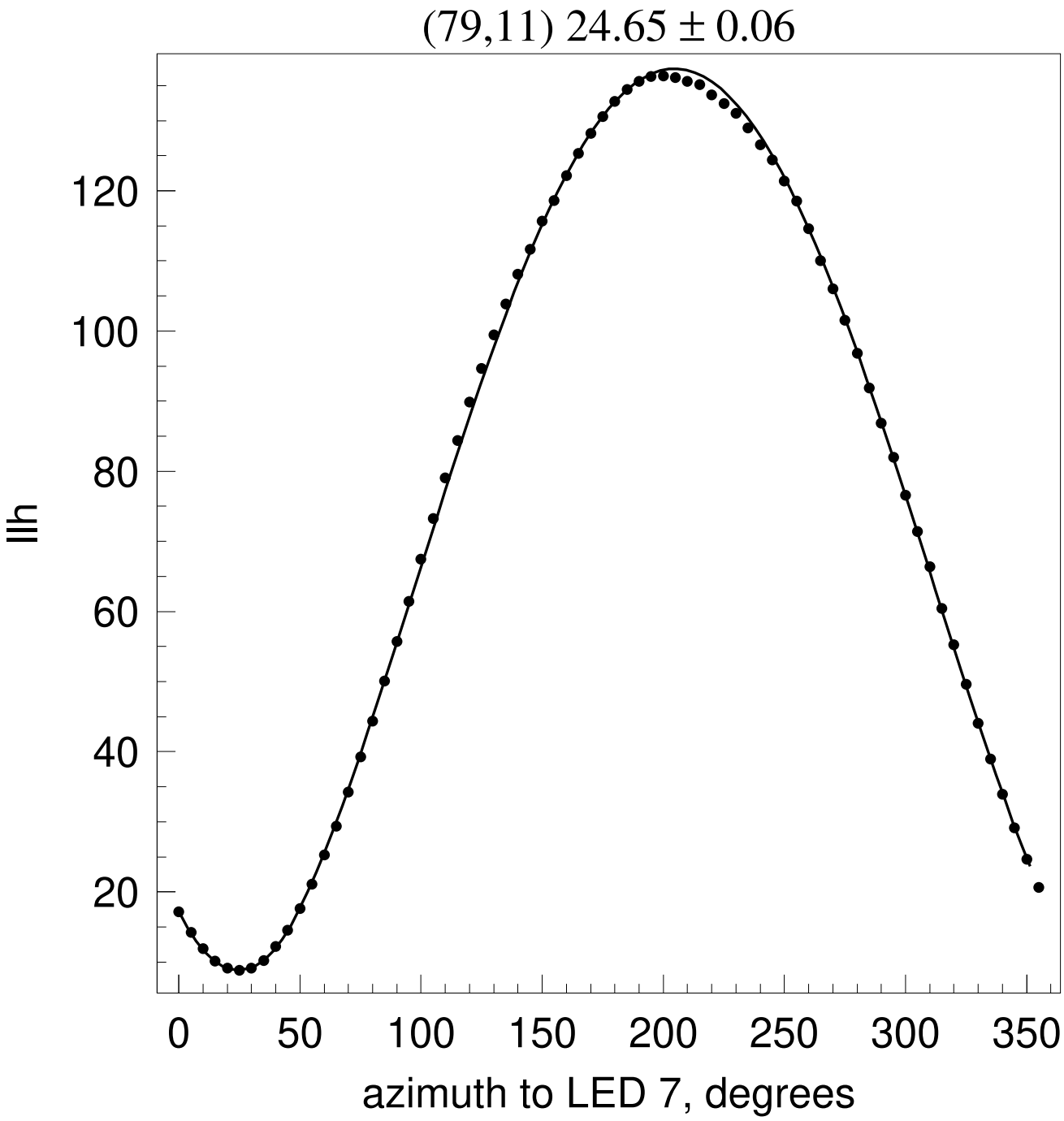

(79,5) 154.19 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

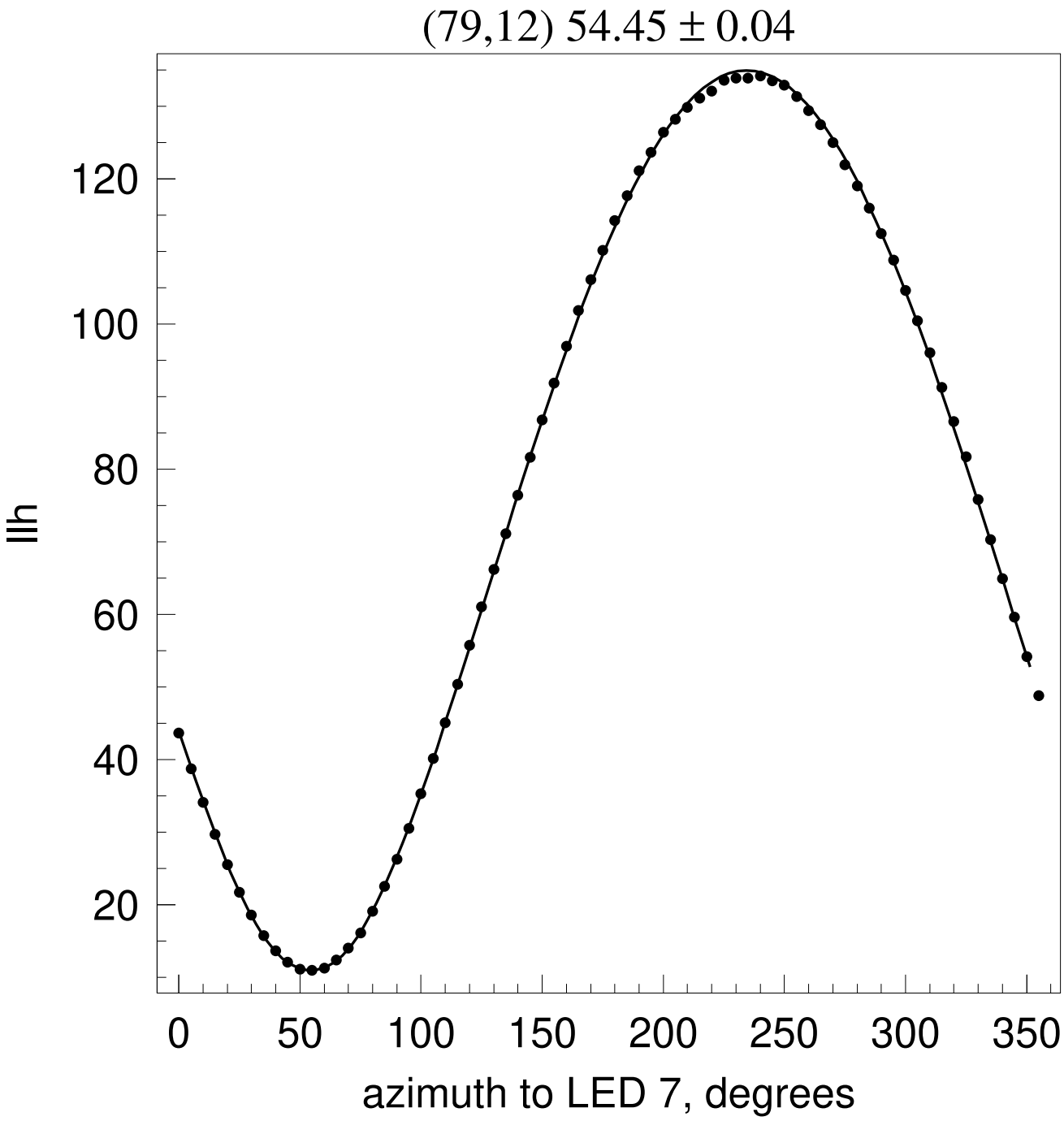

(79,6) 186.30 ± 0.12
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

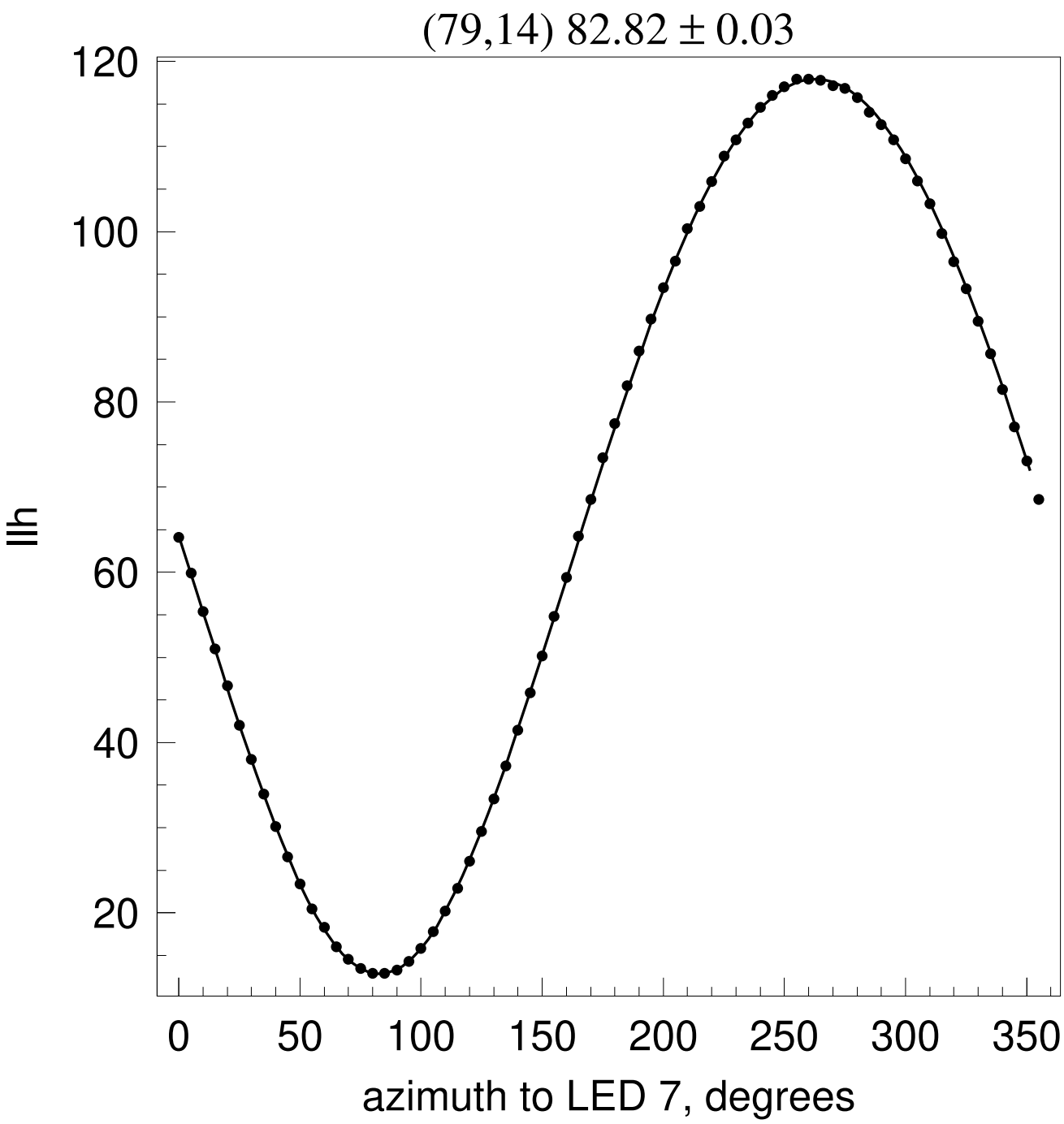

(79,7) 304.08 ± 0.10
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

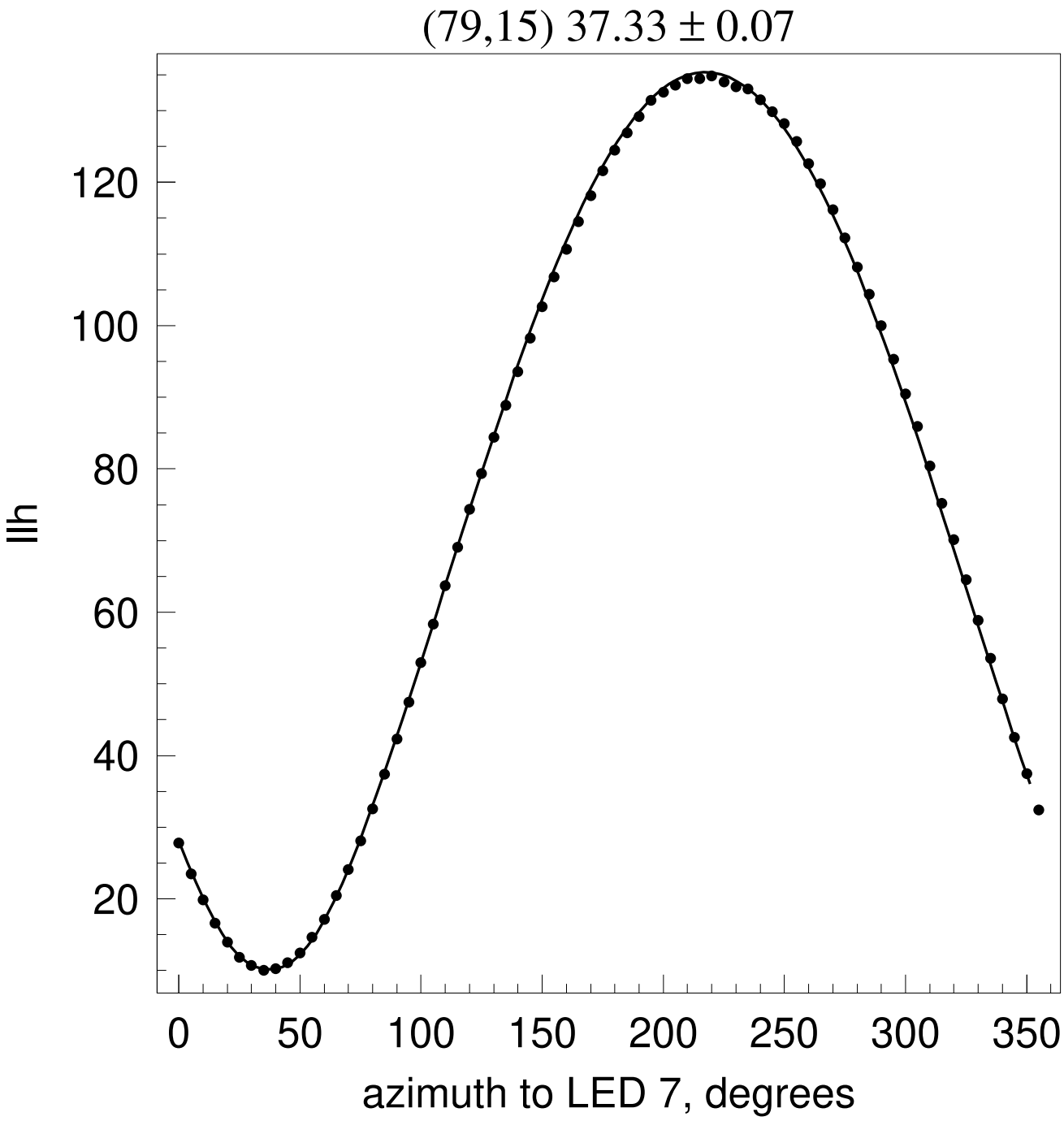

(79,9) 132.10 ± 0.60
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

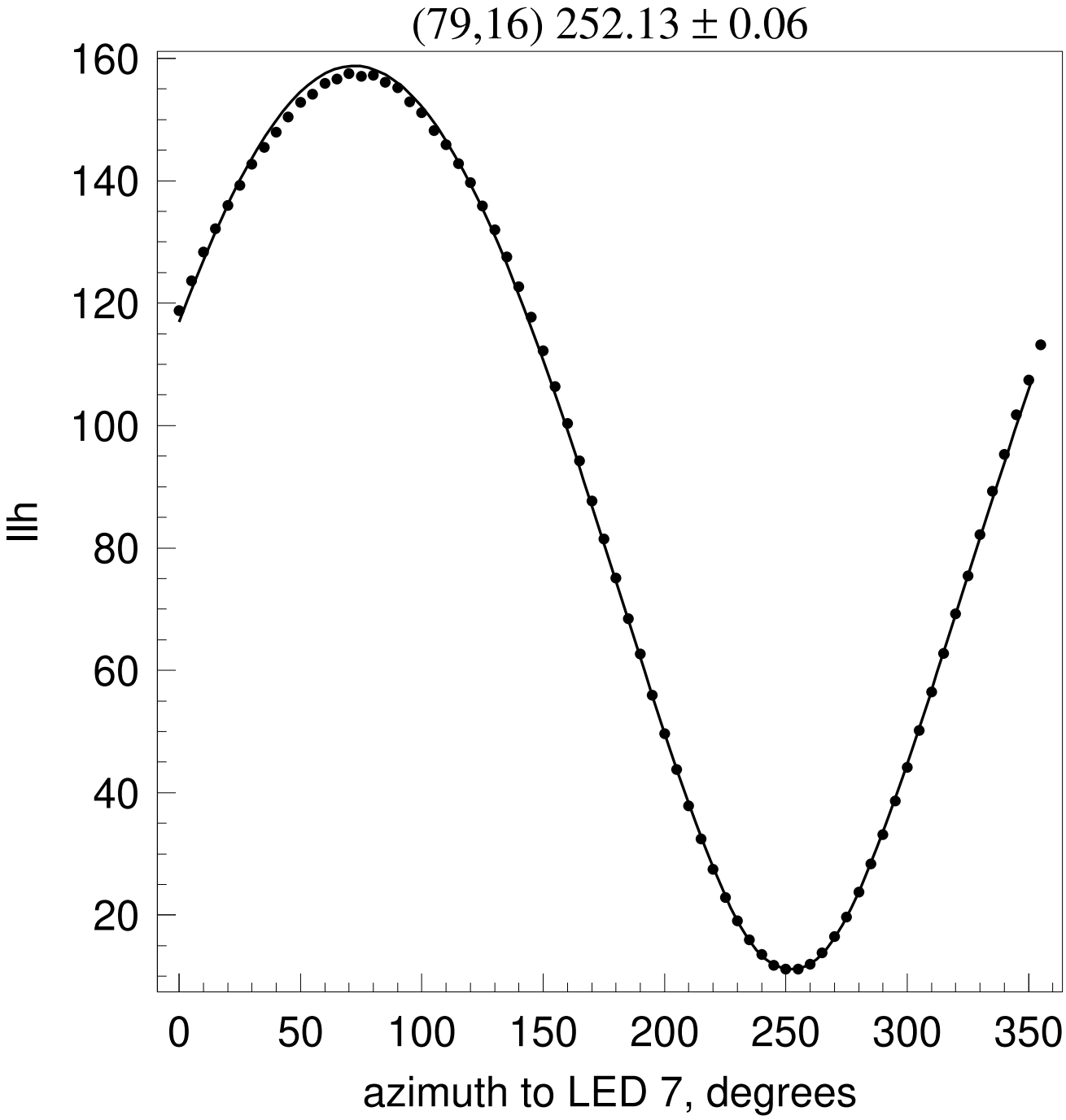

(79,10) 34.88 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

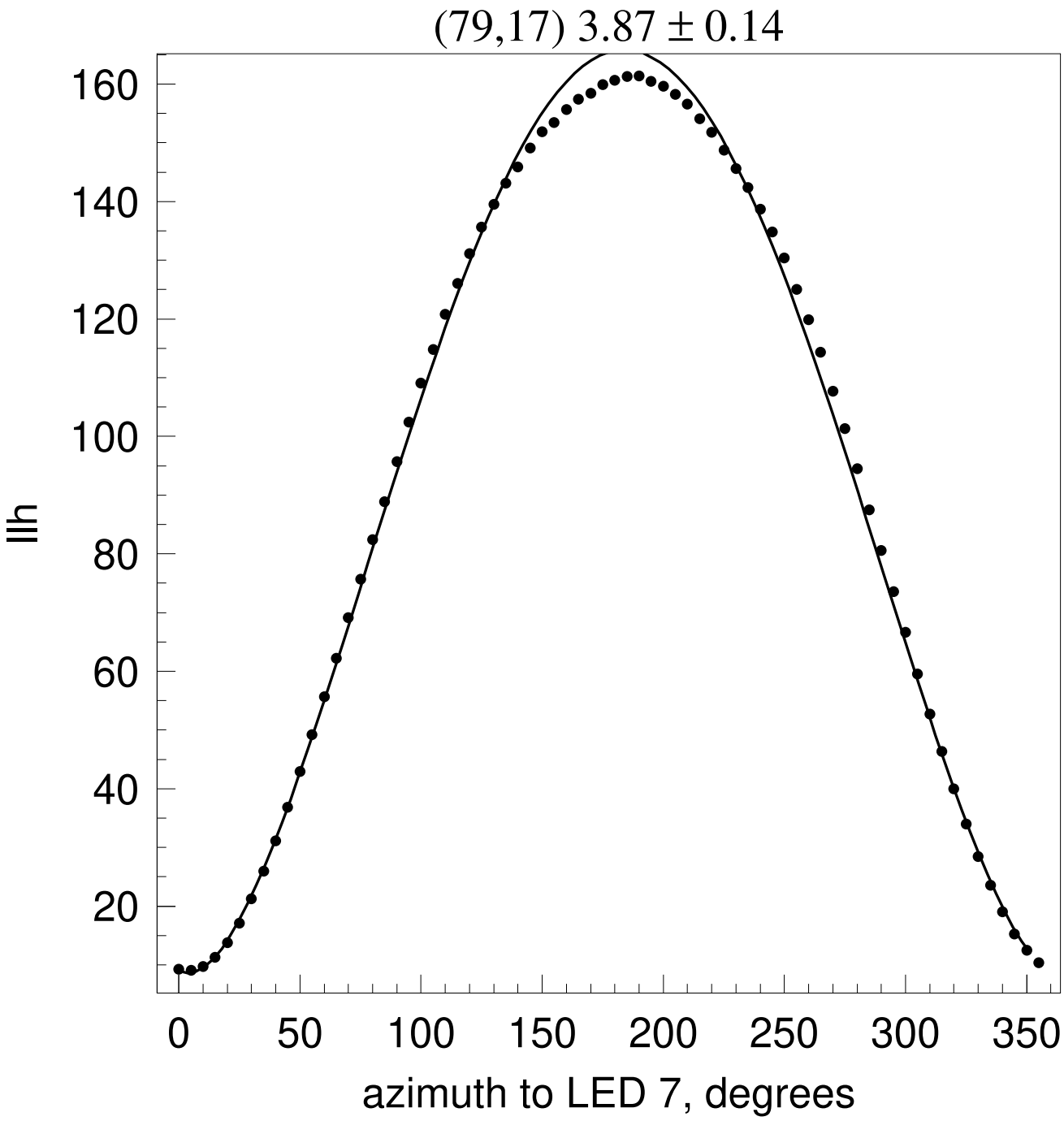

(79,11) 24.65 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

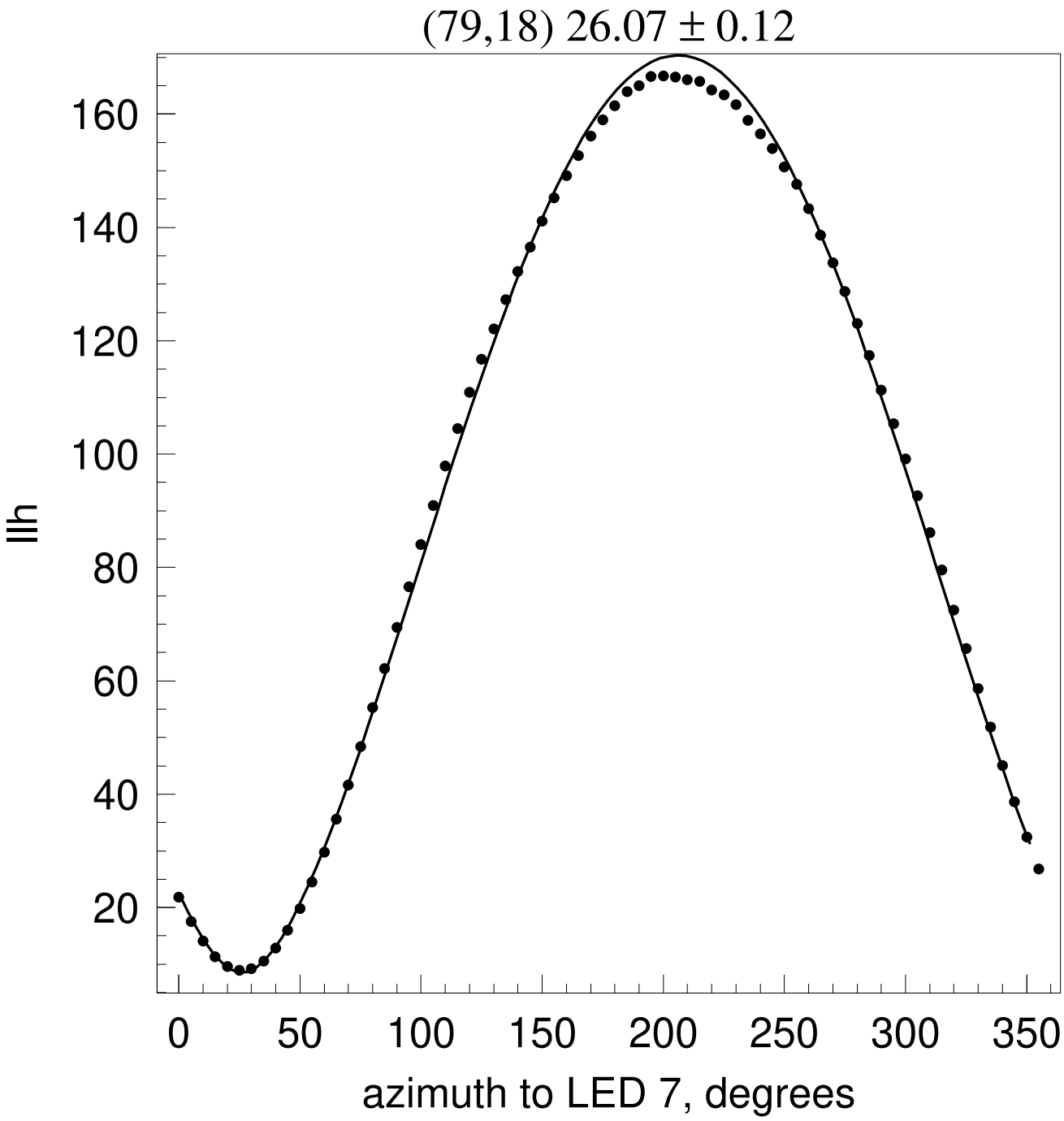

(79,12) 54.45 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

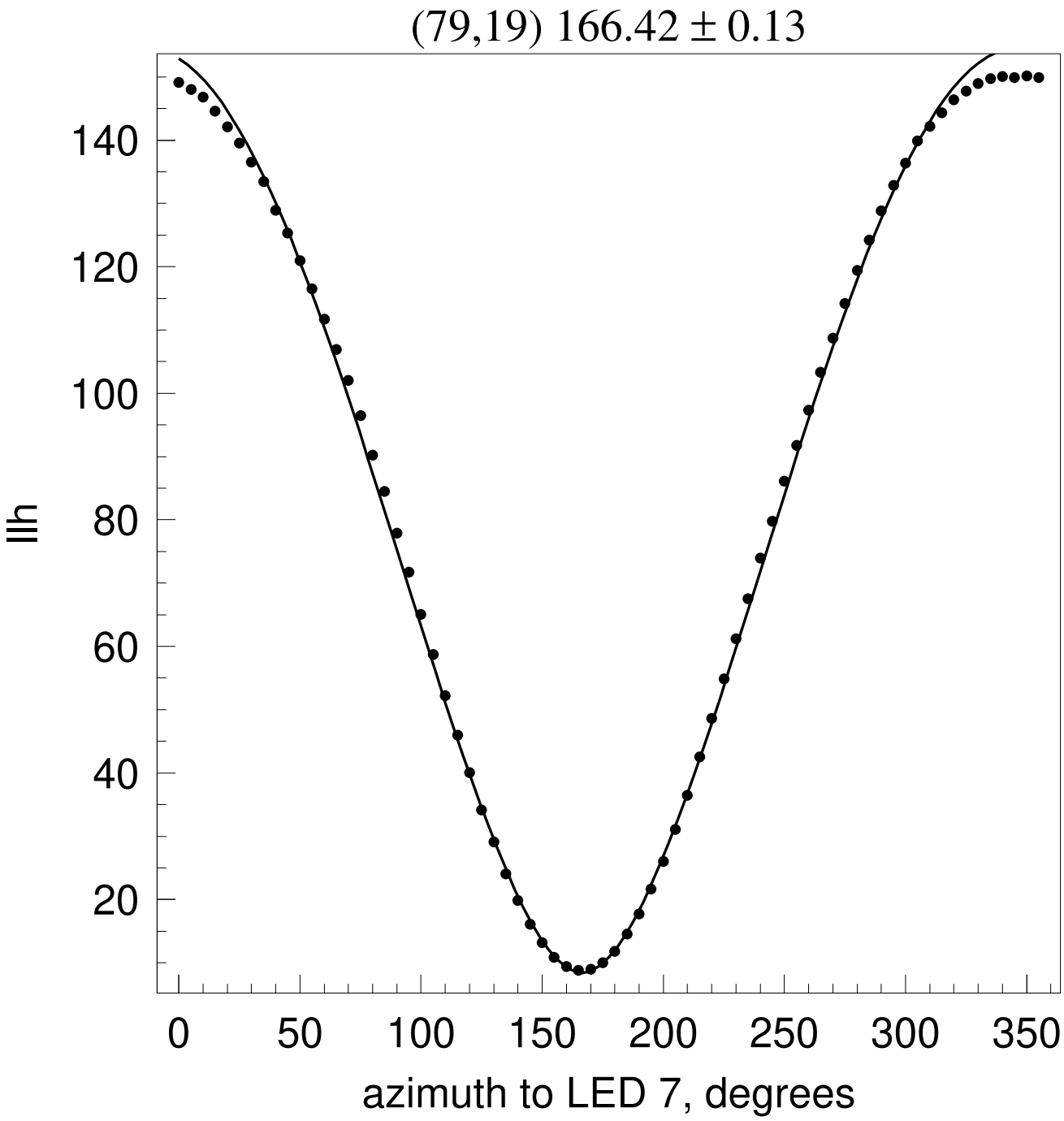

(79,14) 82.82 ± 0.03
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

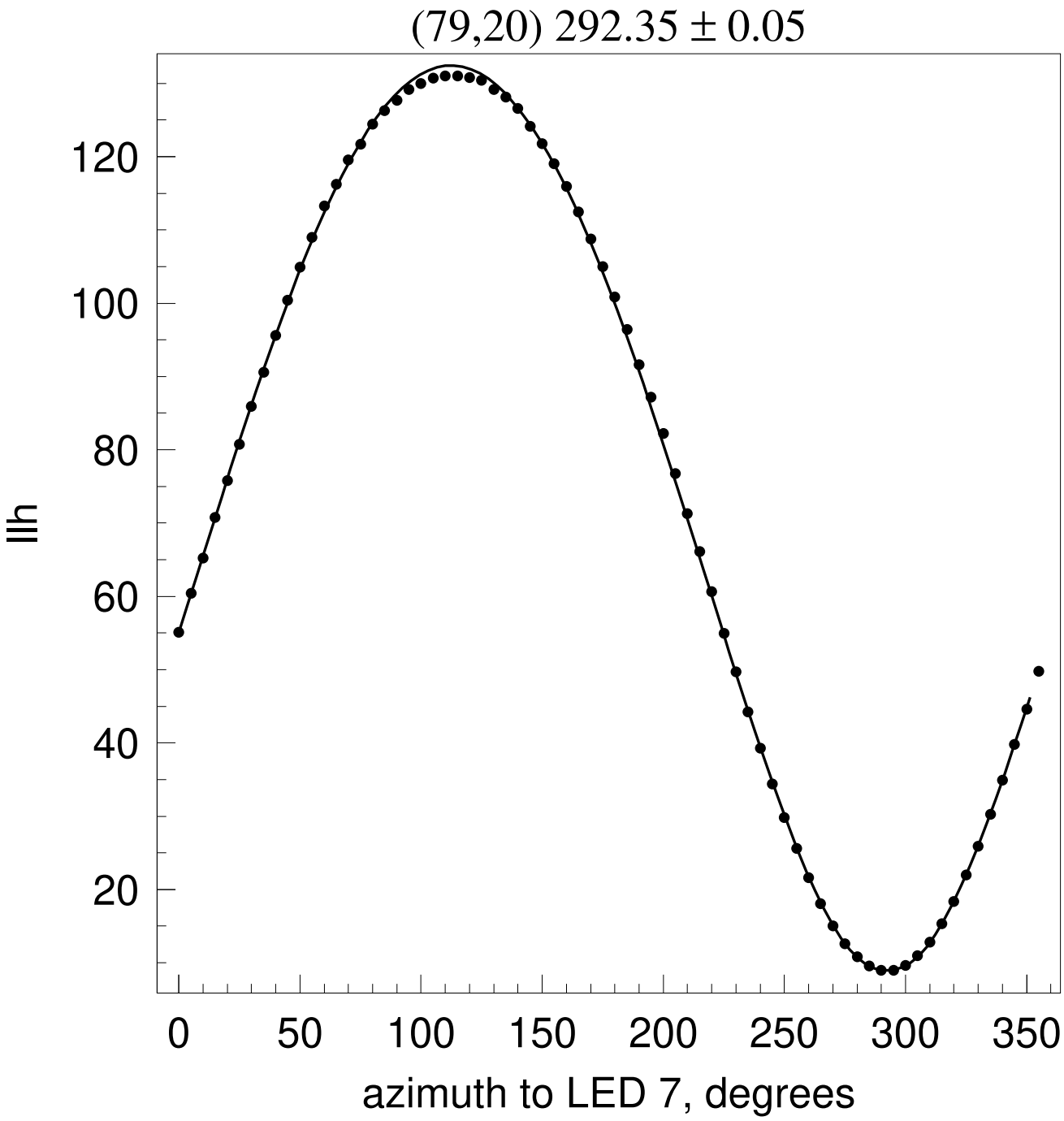

(79,15) 37.33 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

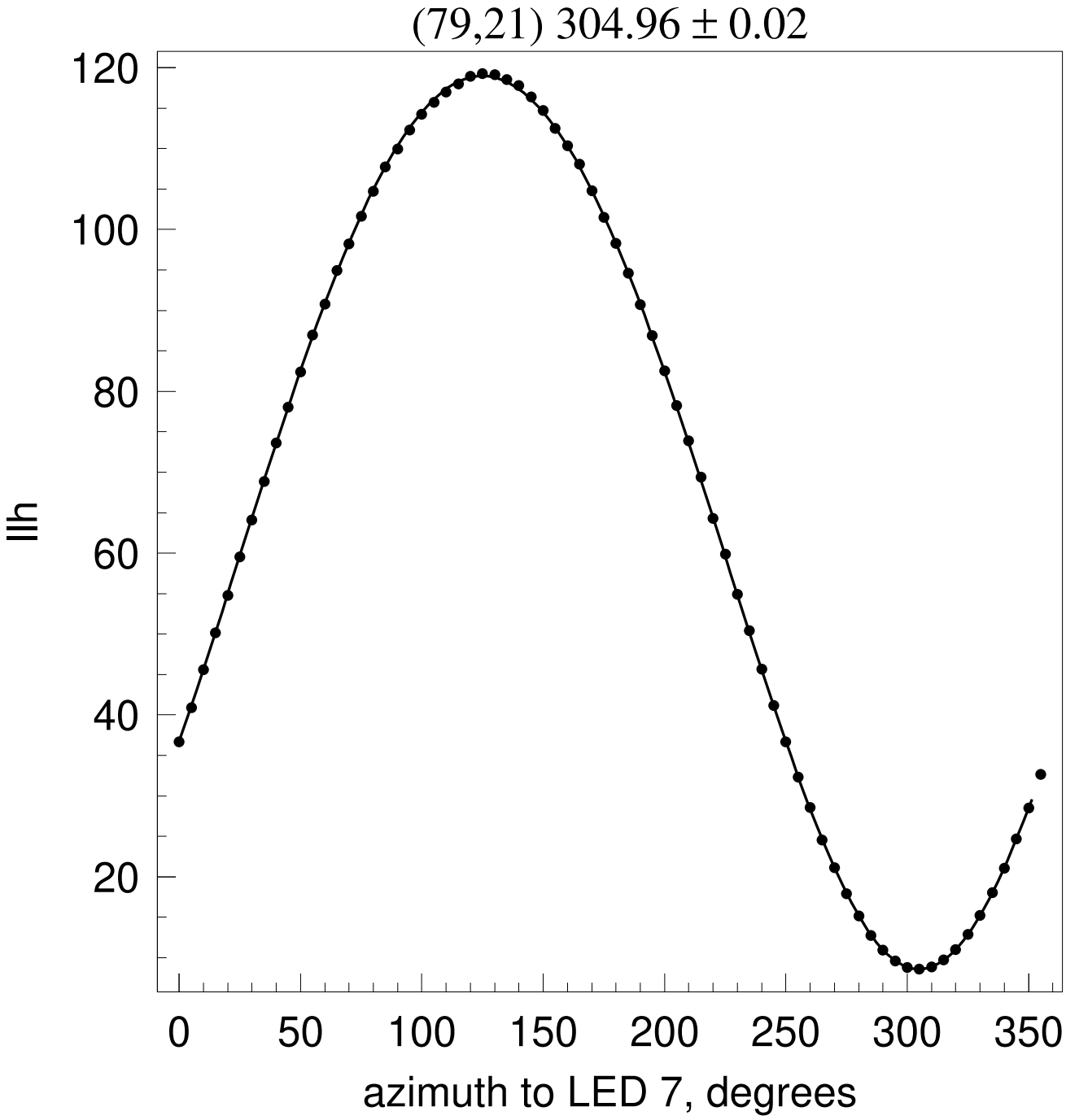

(79,16) 252.13 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

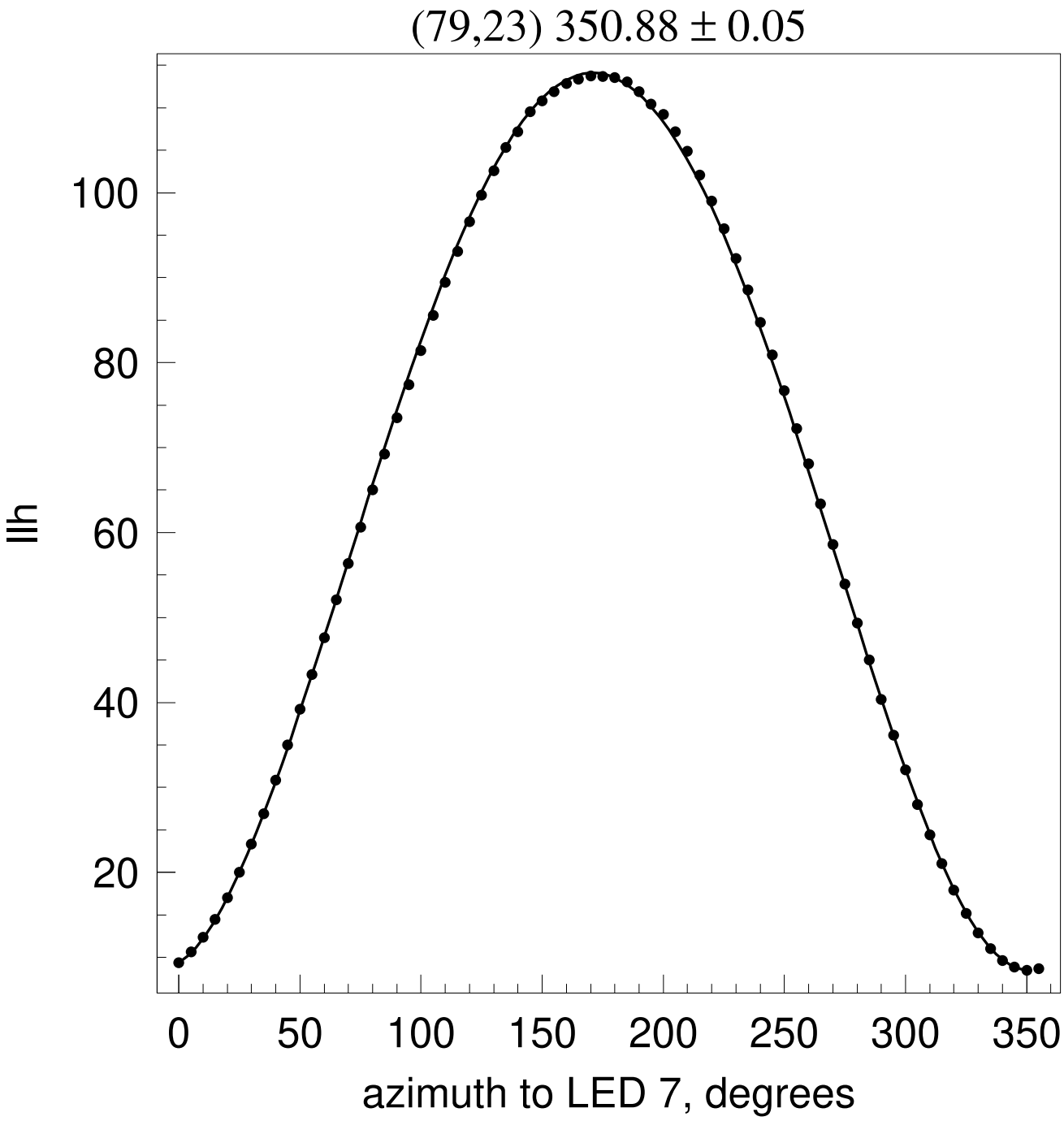

(79,17) 3.87 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

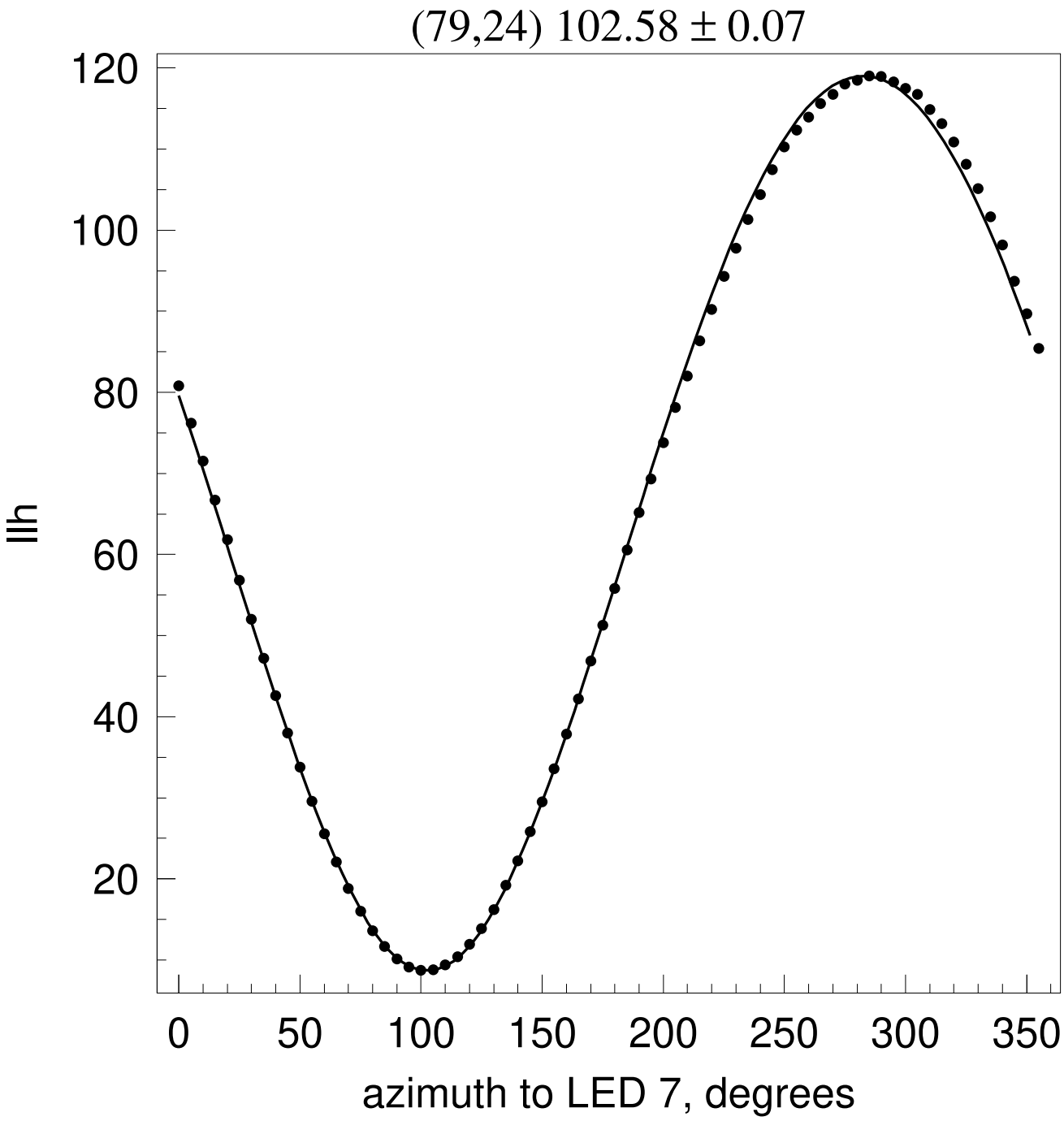

(79,18) 26.07 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

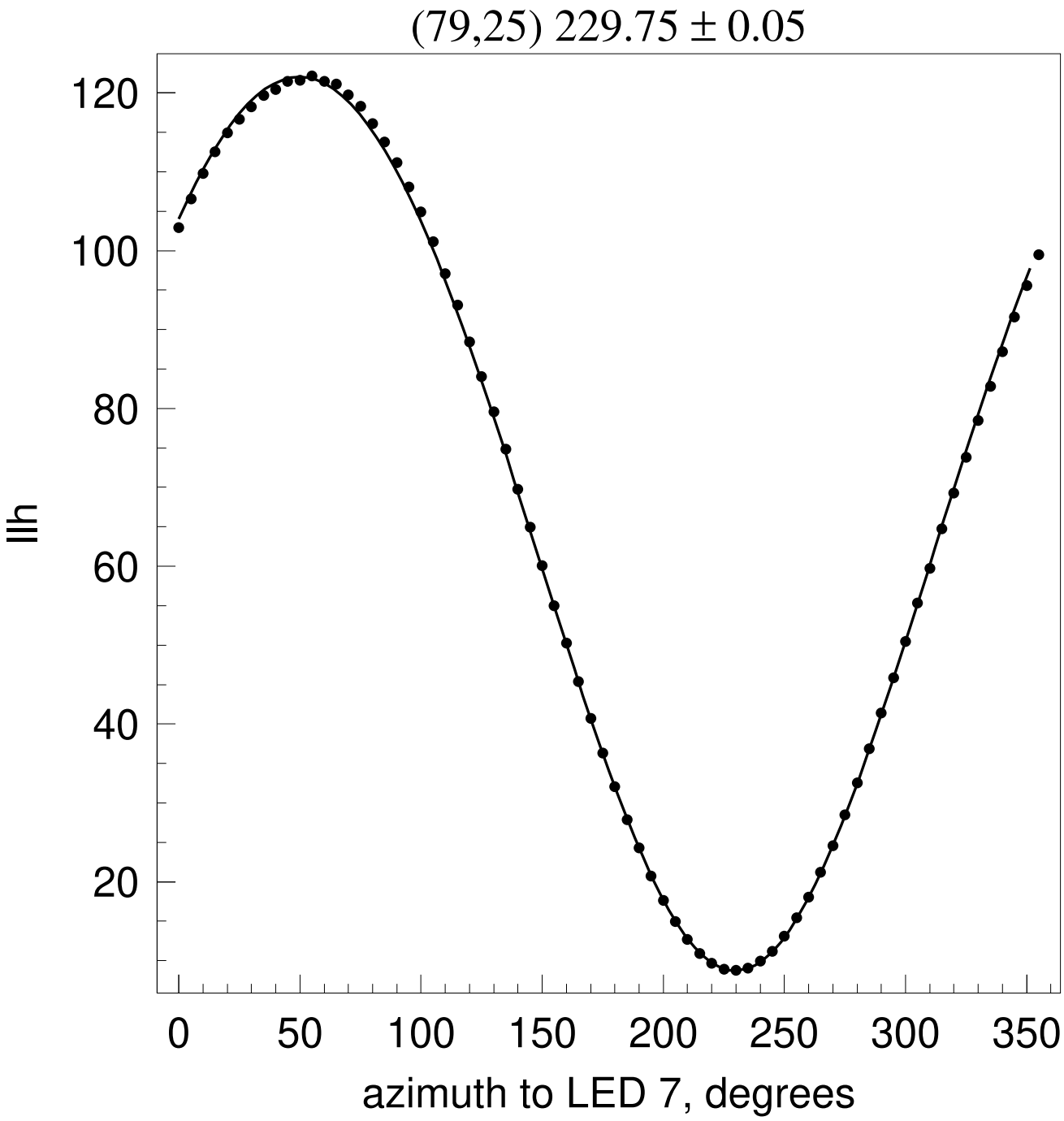

(79,19) 166.42 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

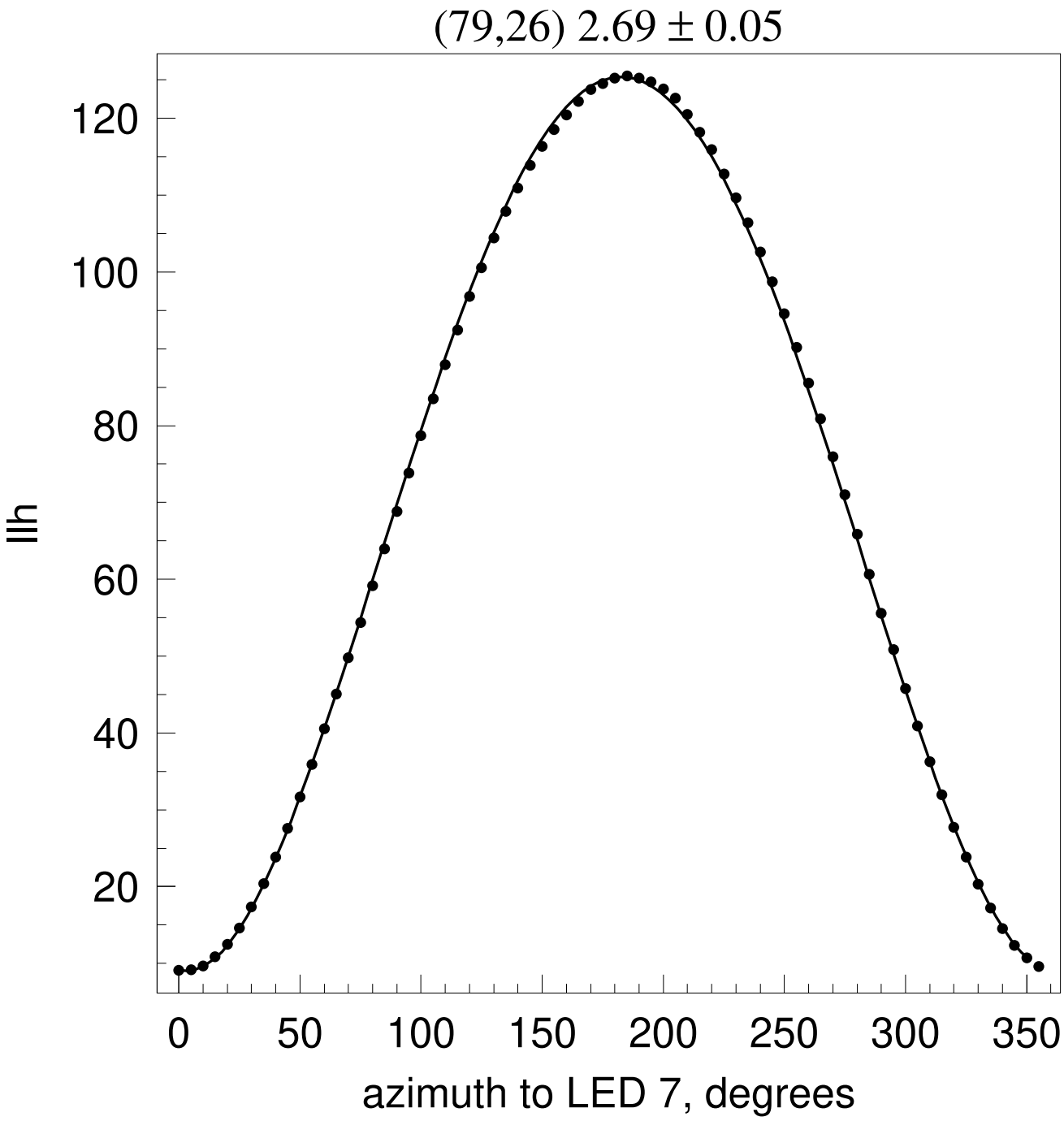

(79,20) 292.35 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

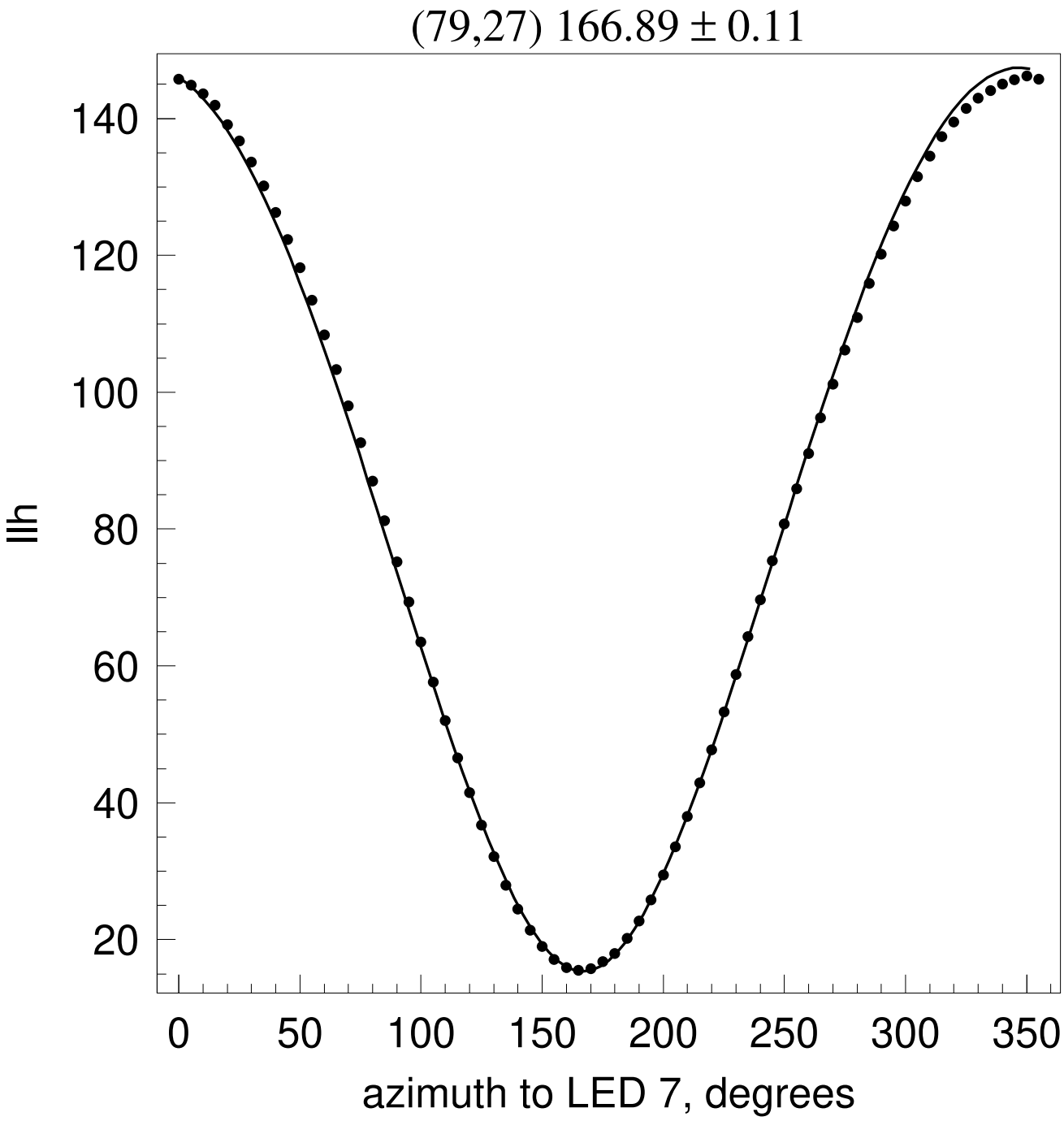

(79,21) 304.96 ± 0.02
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

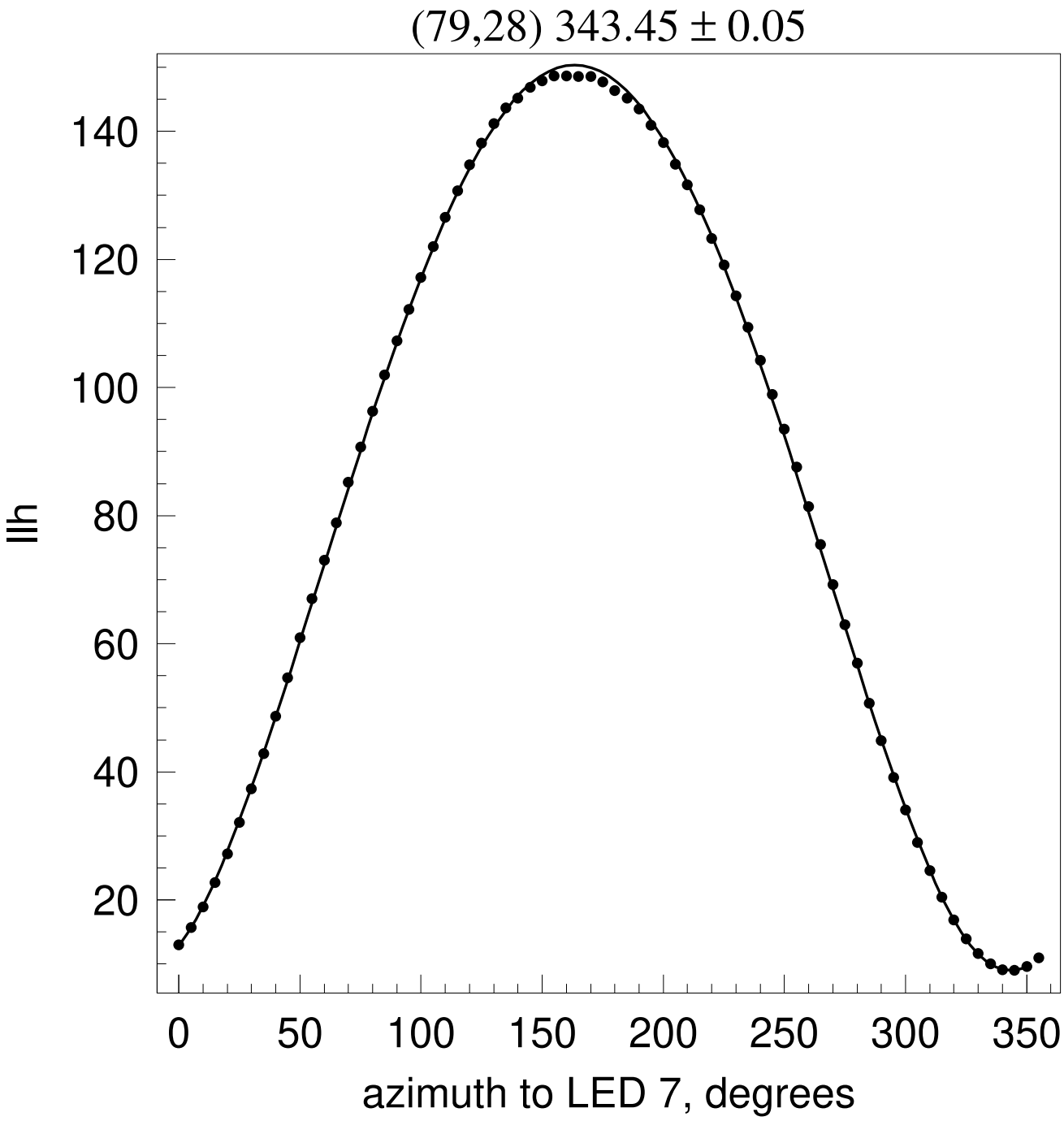

(79,23) 350.88 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

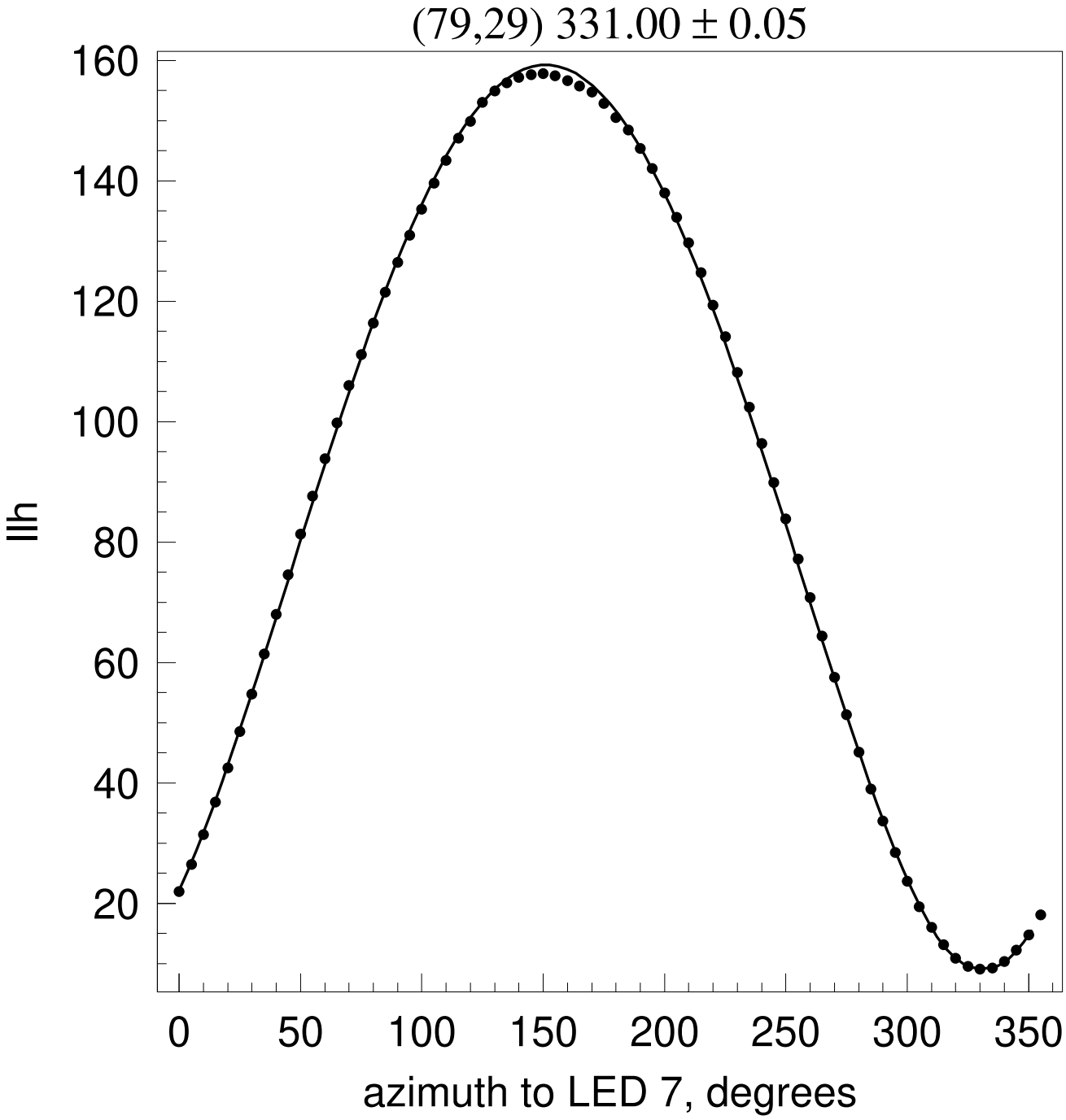

(79,24) 102.58 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

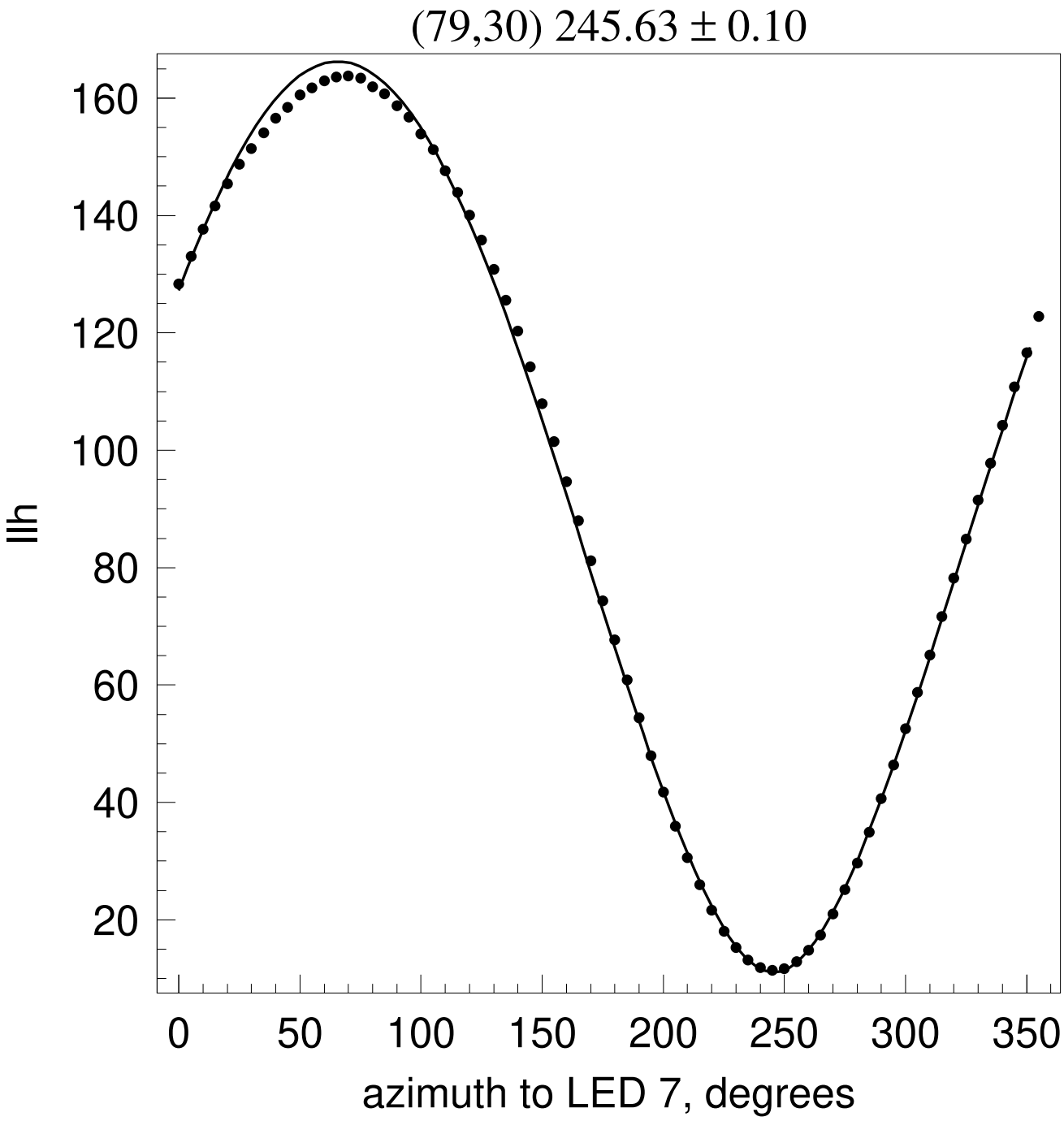

(79,25) 229.75 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

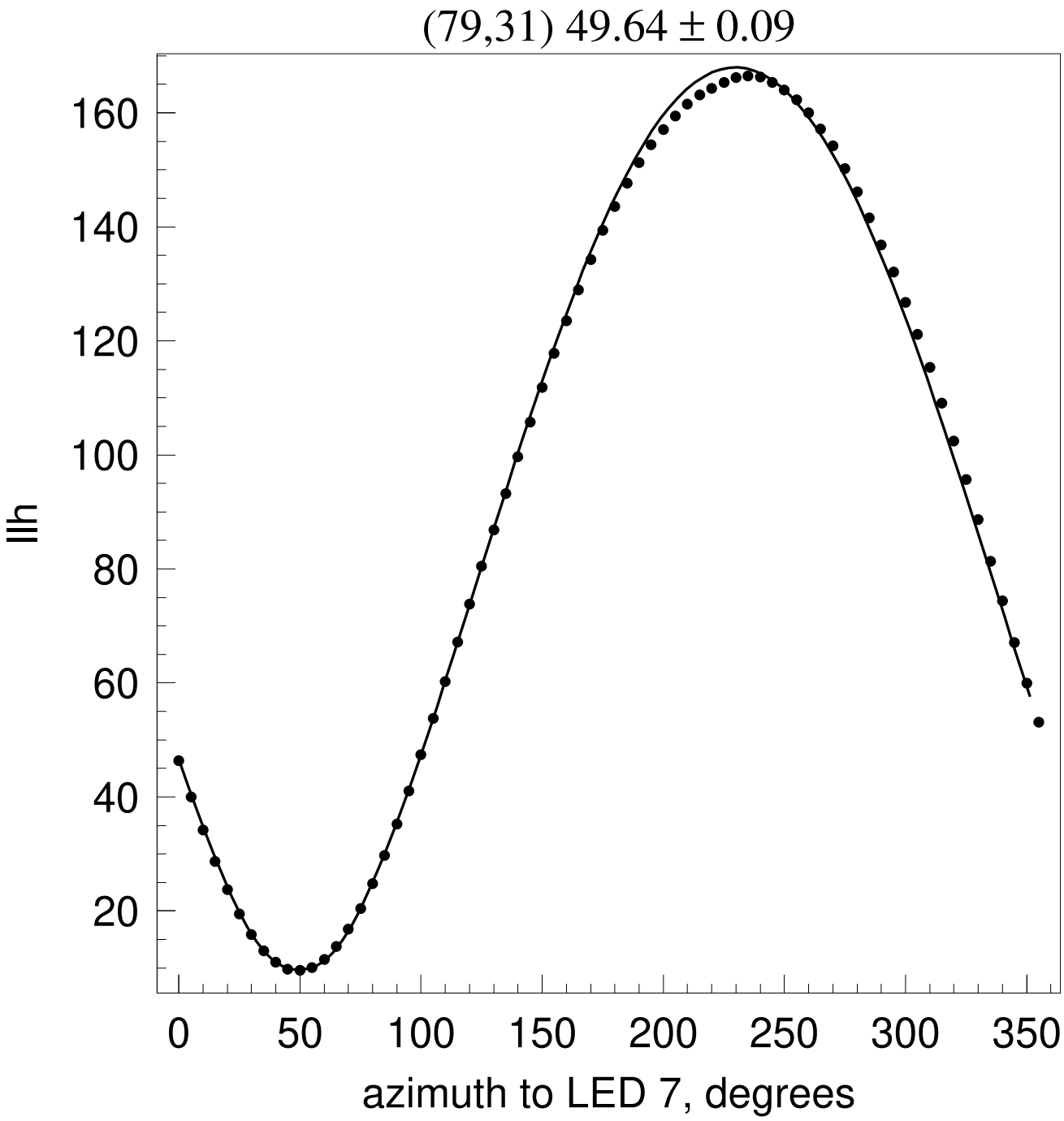

(79,26) 2.69 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

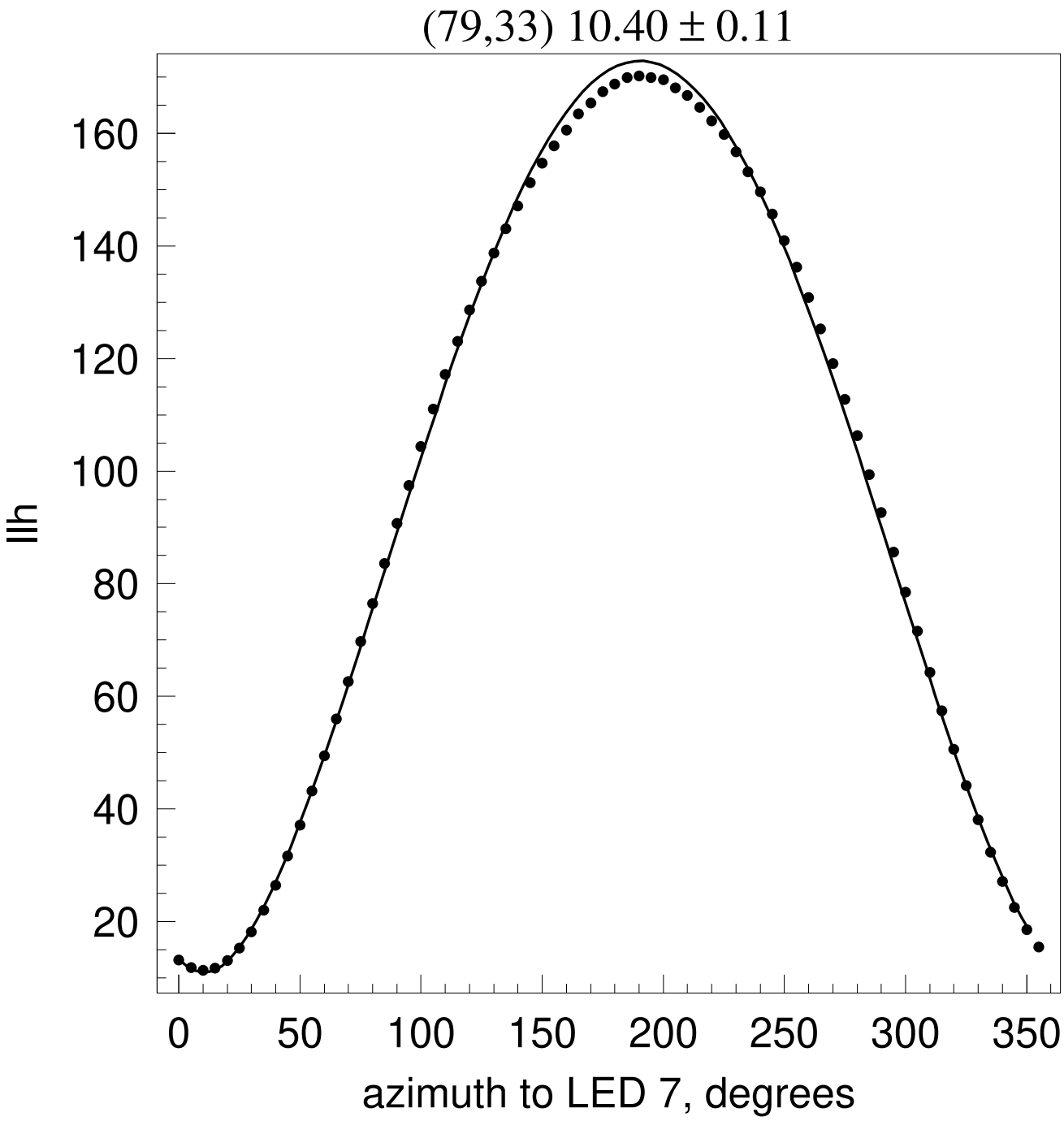

(79,27) 166.89 ± 0.11
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

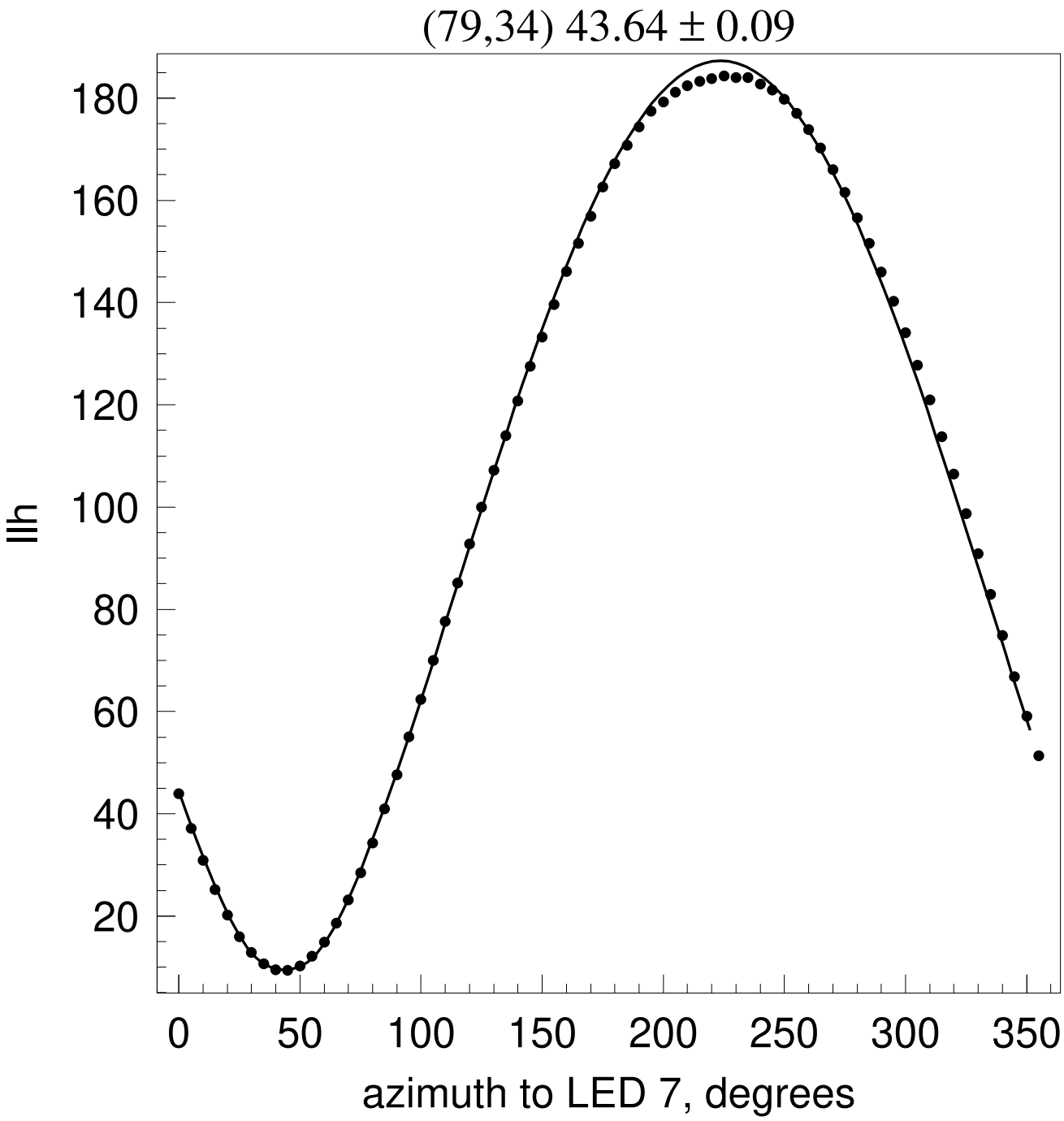

(79,28) 343.45 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

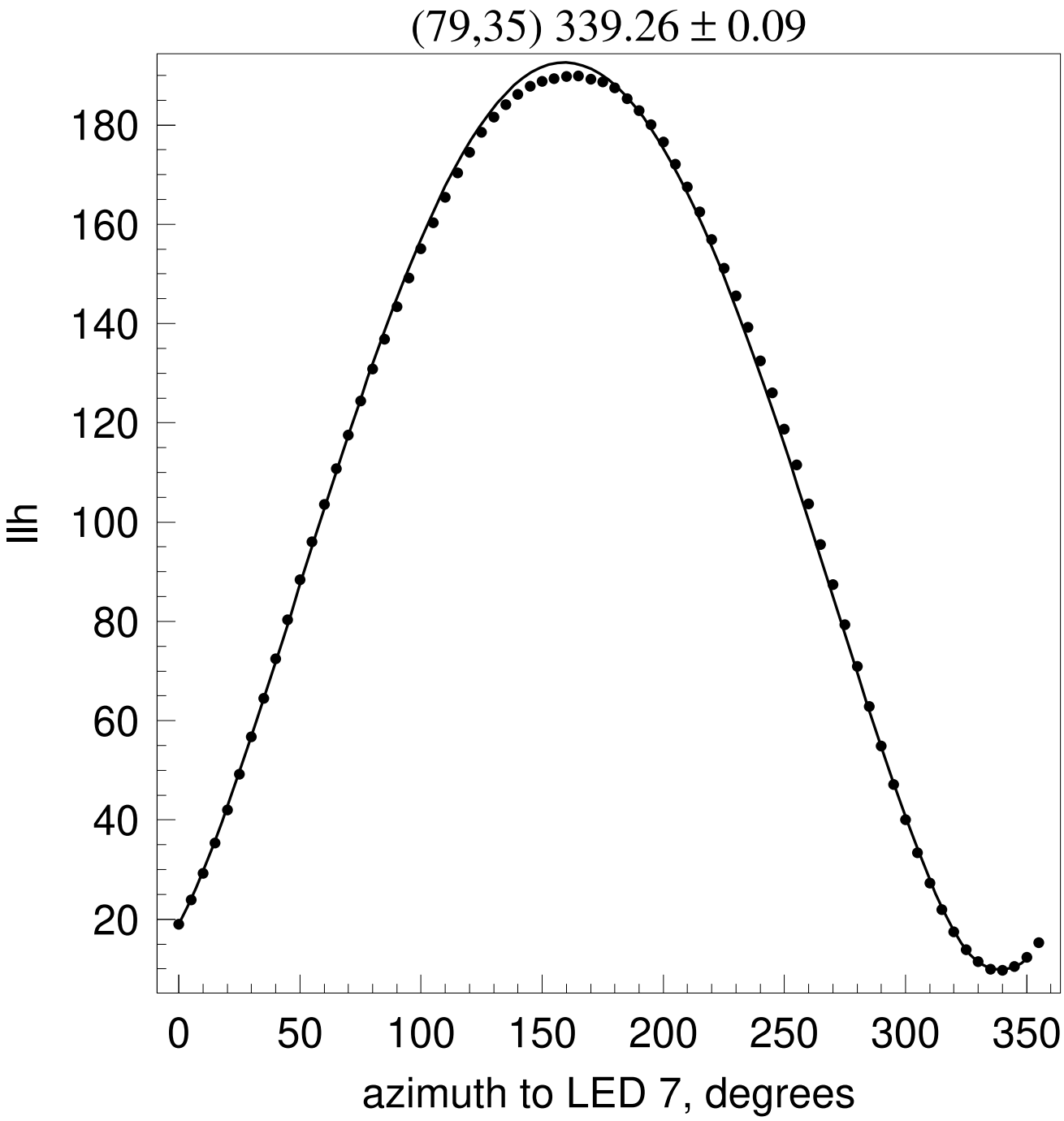

(79,29) 331.00 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

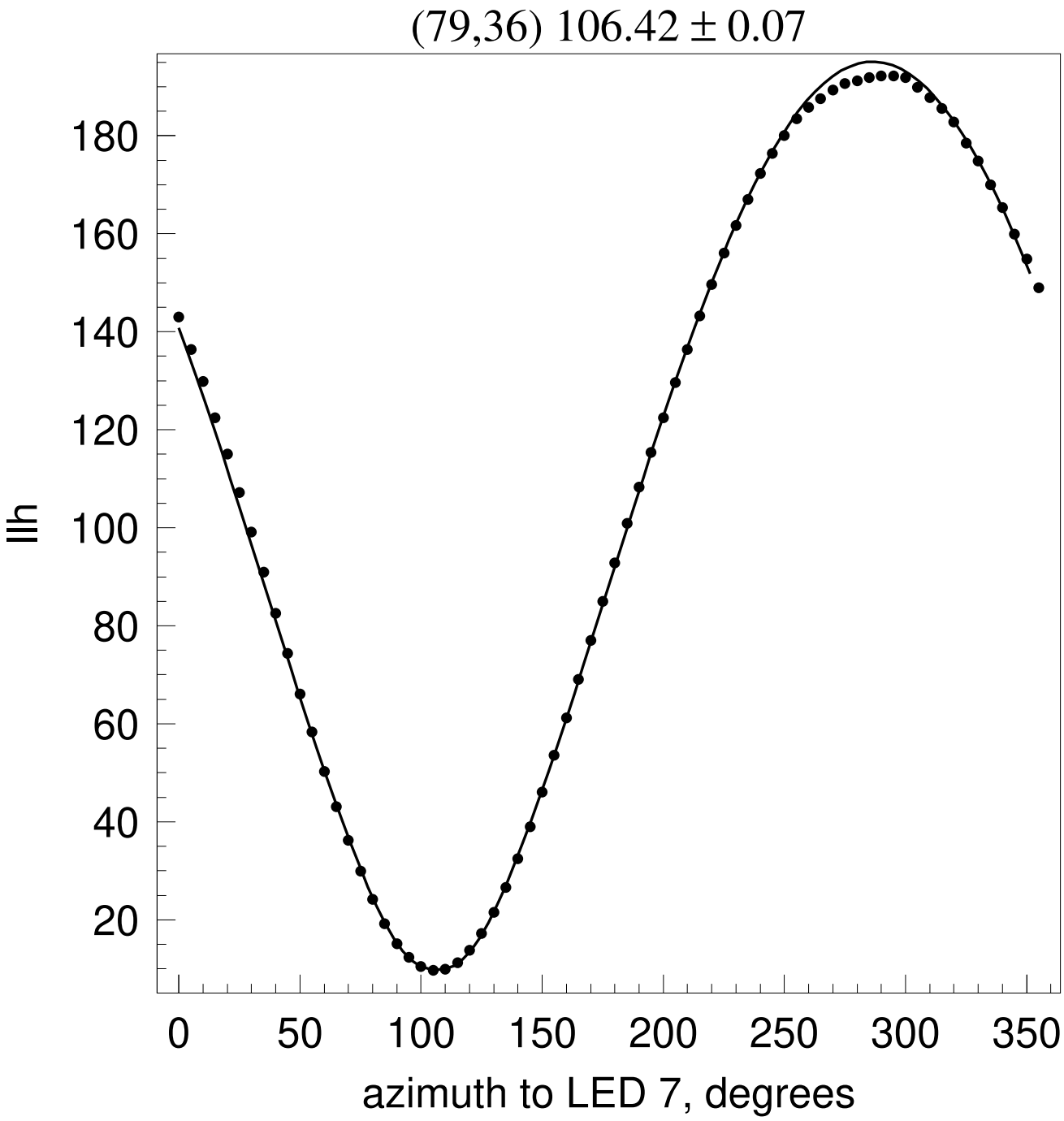

(79,30) 245.63 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

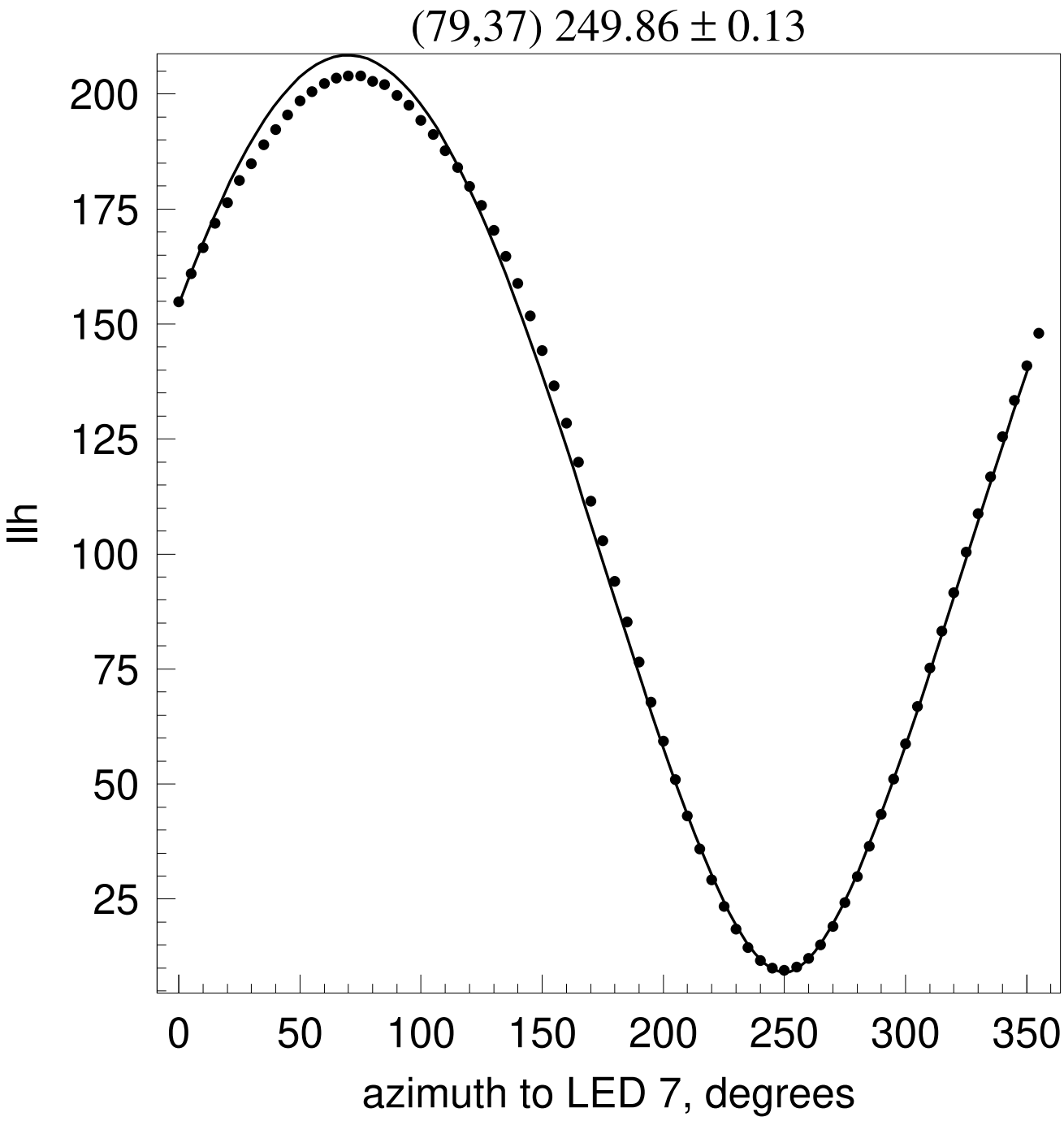

(79,31) 49.64 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

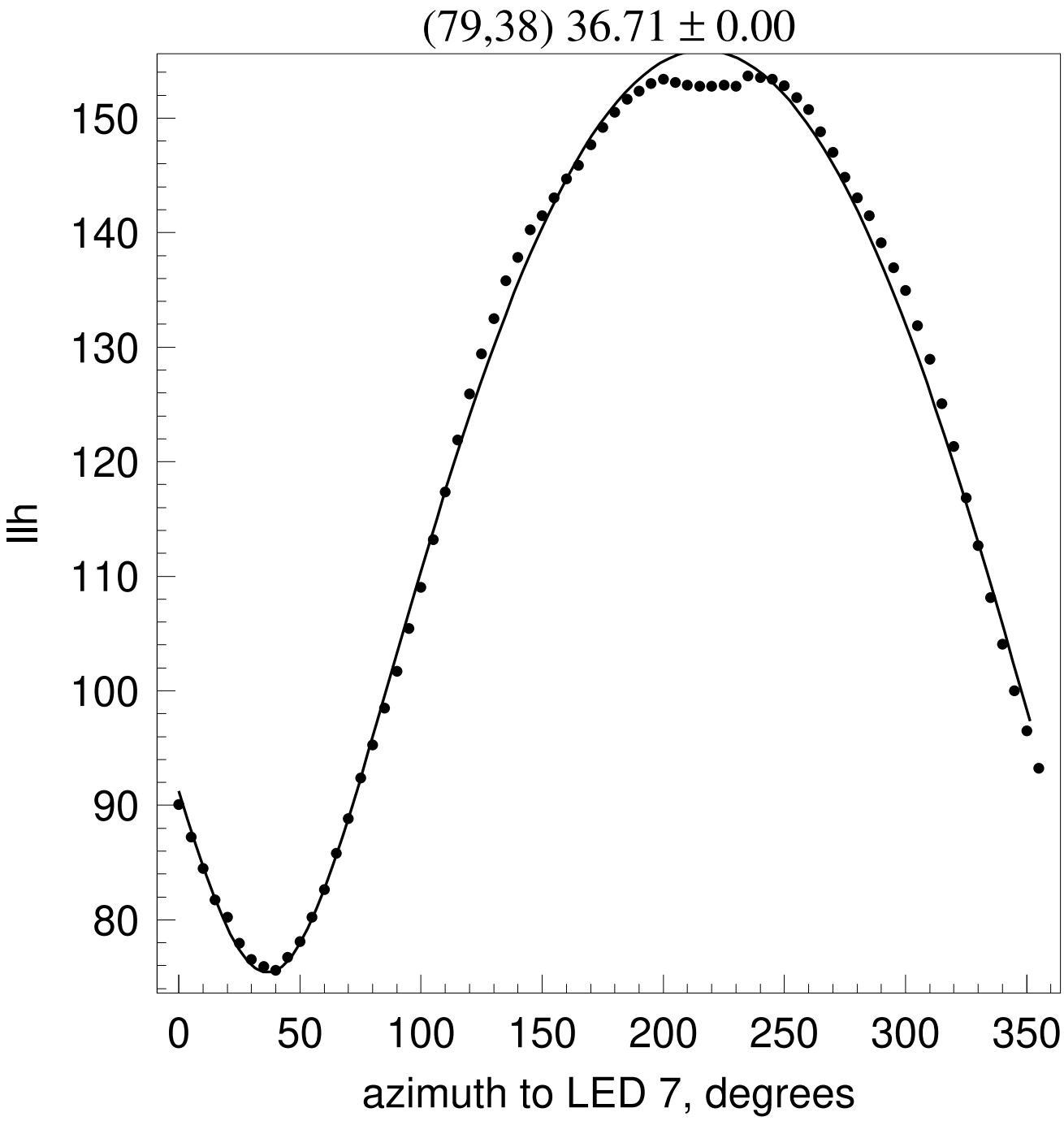

(79,33) 10.40 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

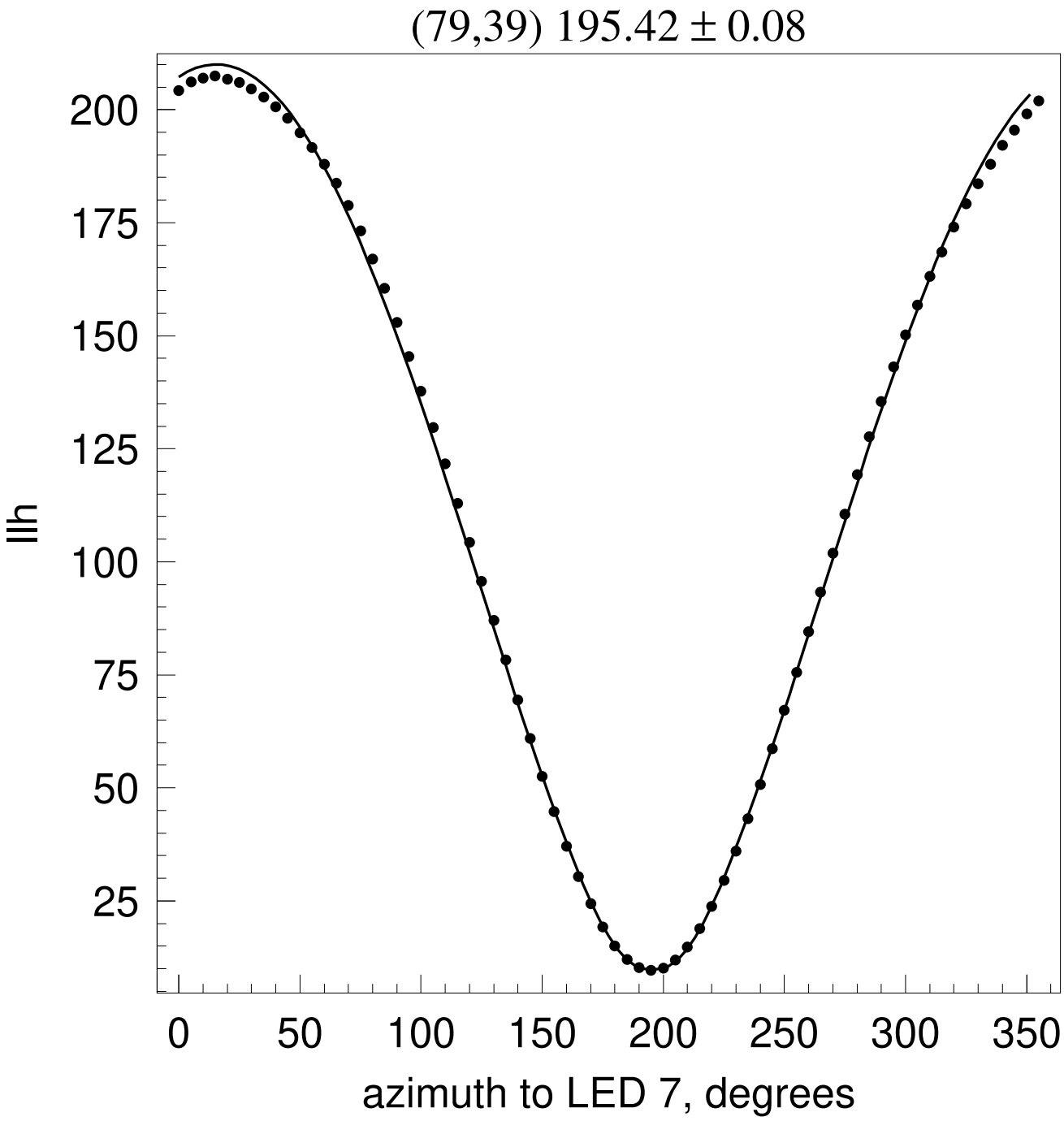

(79,34) 43.64 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

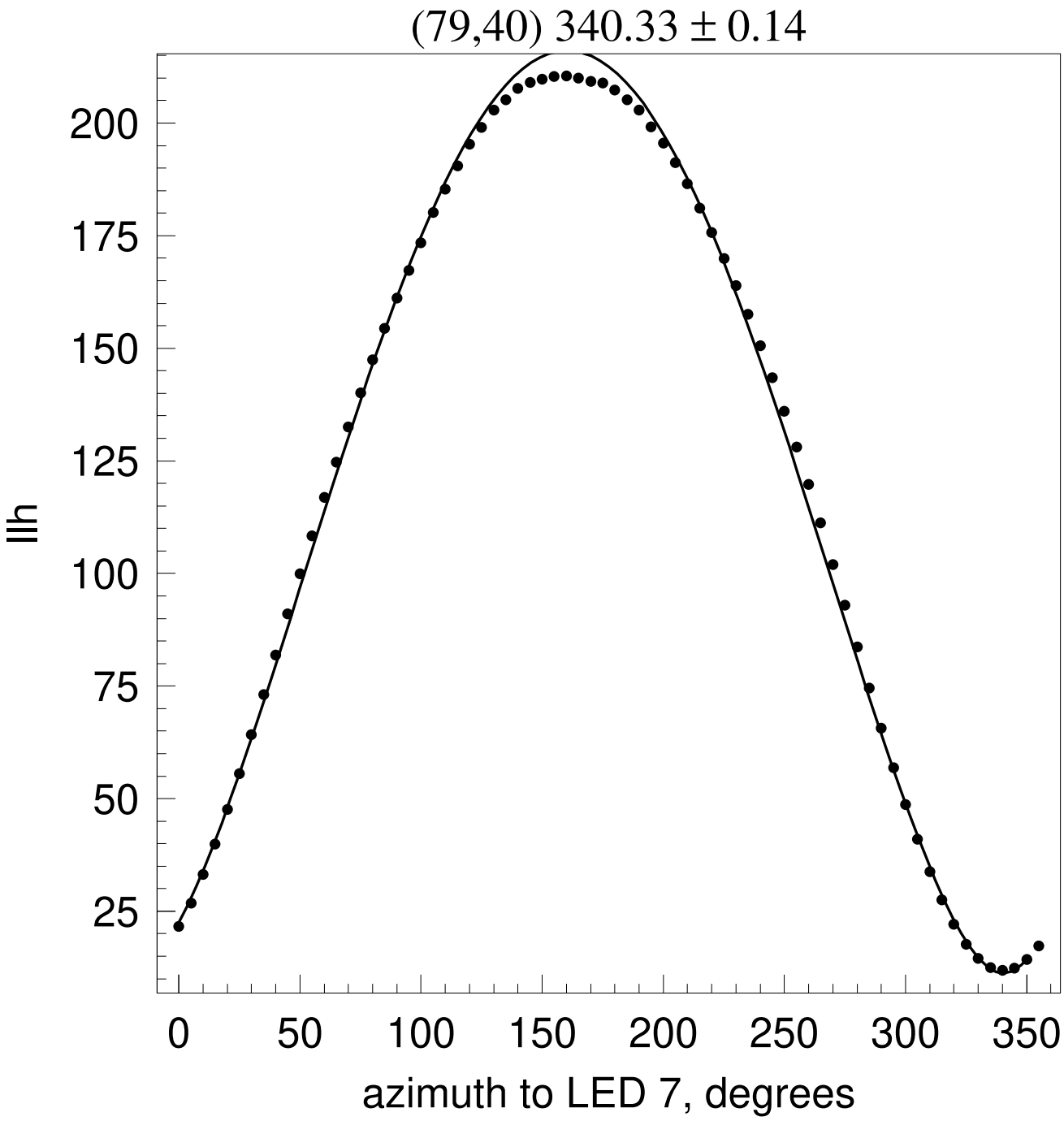

(79,35) 339.26 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

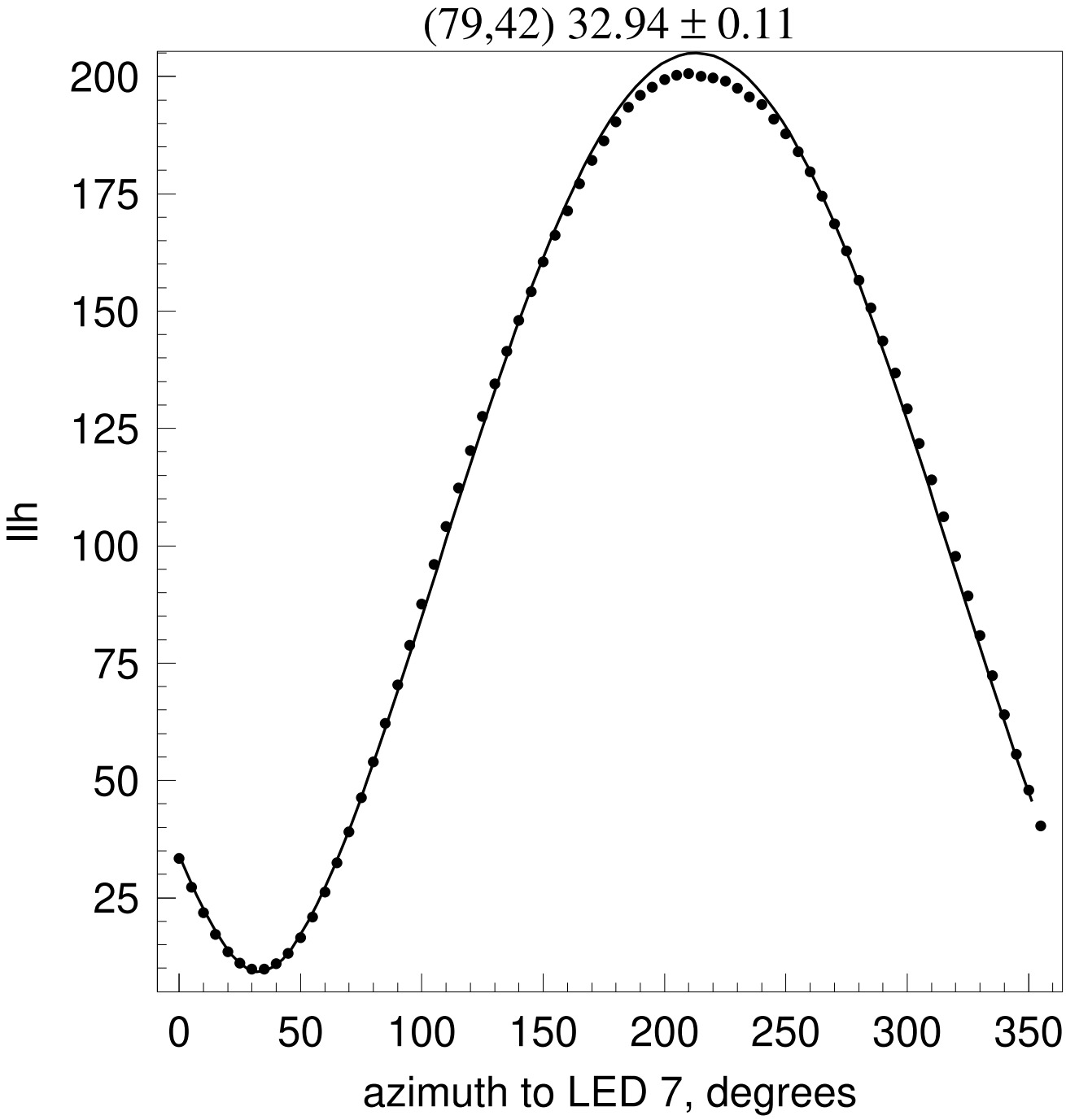

(79,36) 106.42 ± 0.07
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

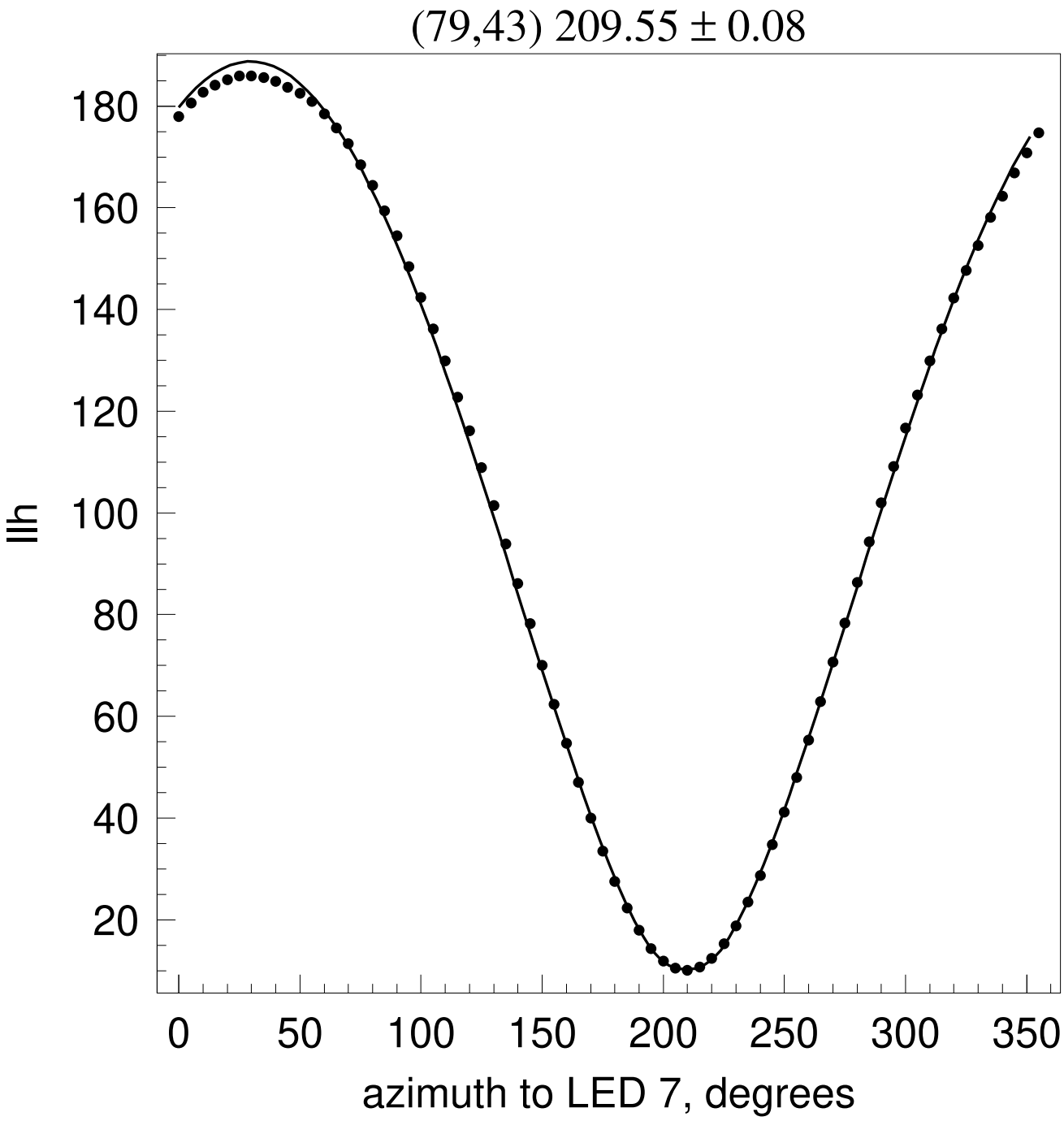

(79,37) 249.86 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

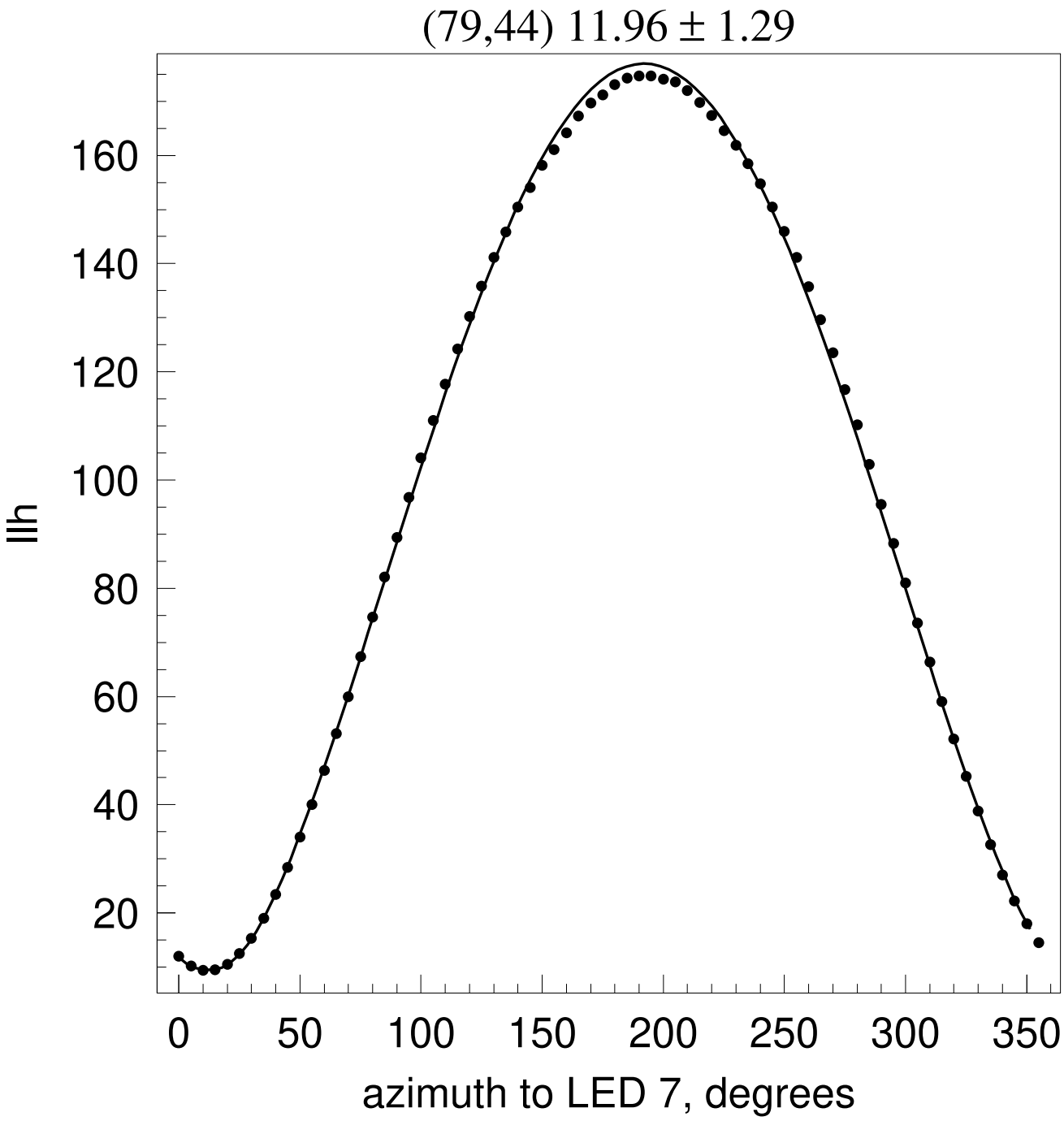

(79,38) 36.71 ± 0.00
150
140
130
120
110
100
90
80
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

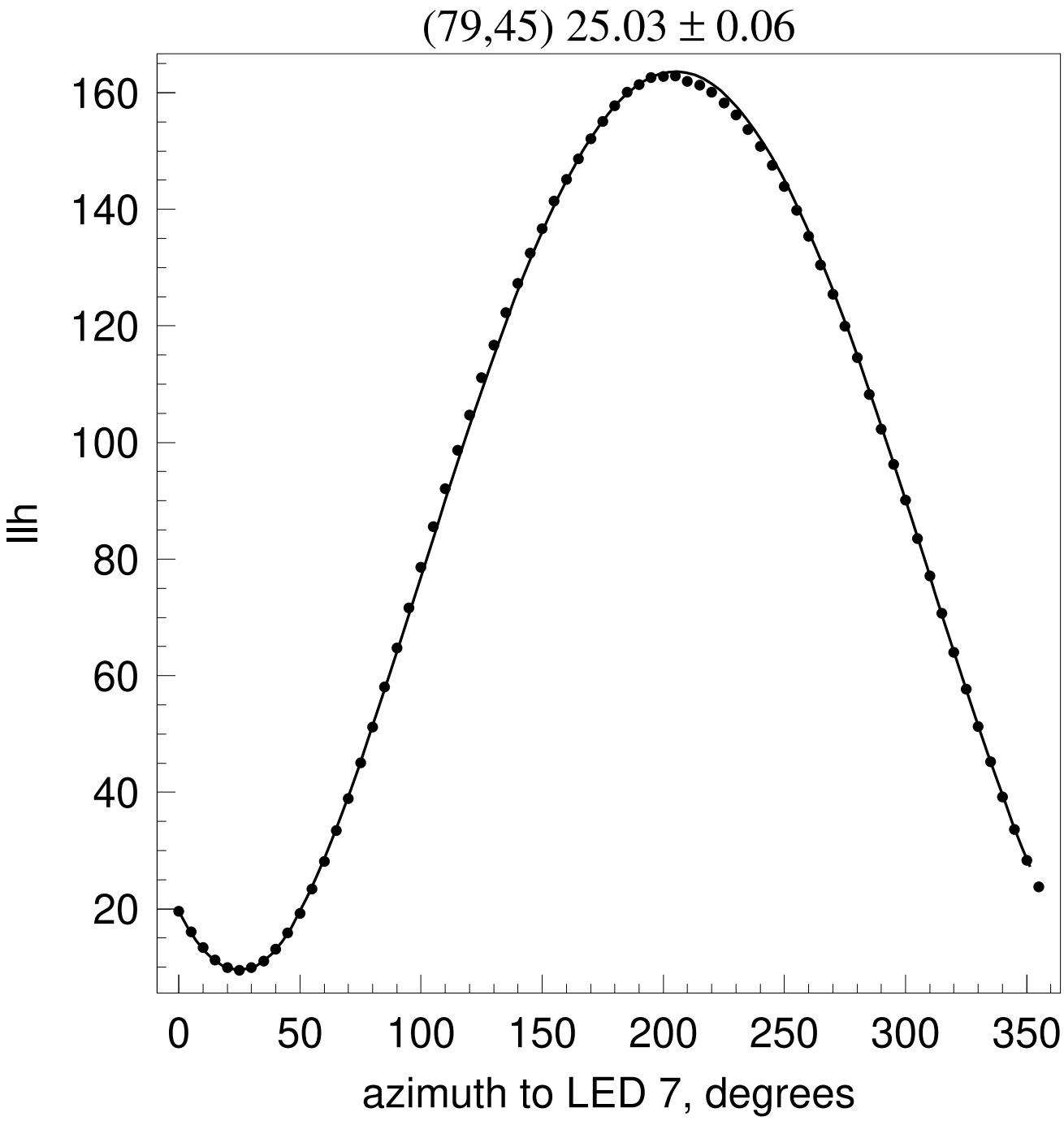

(79,39) 195.42 ± 0.08
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

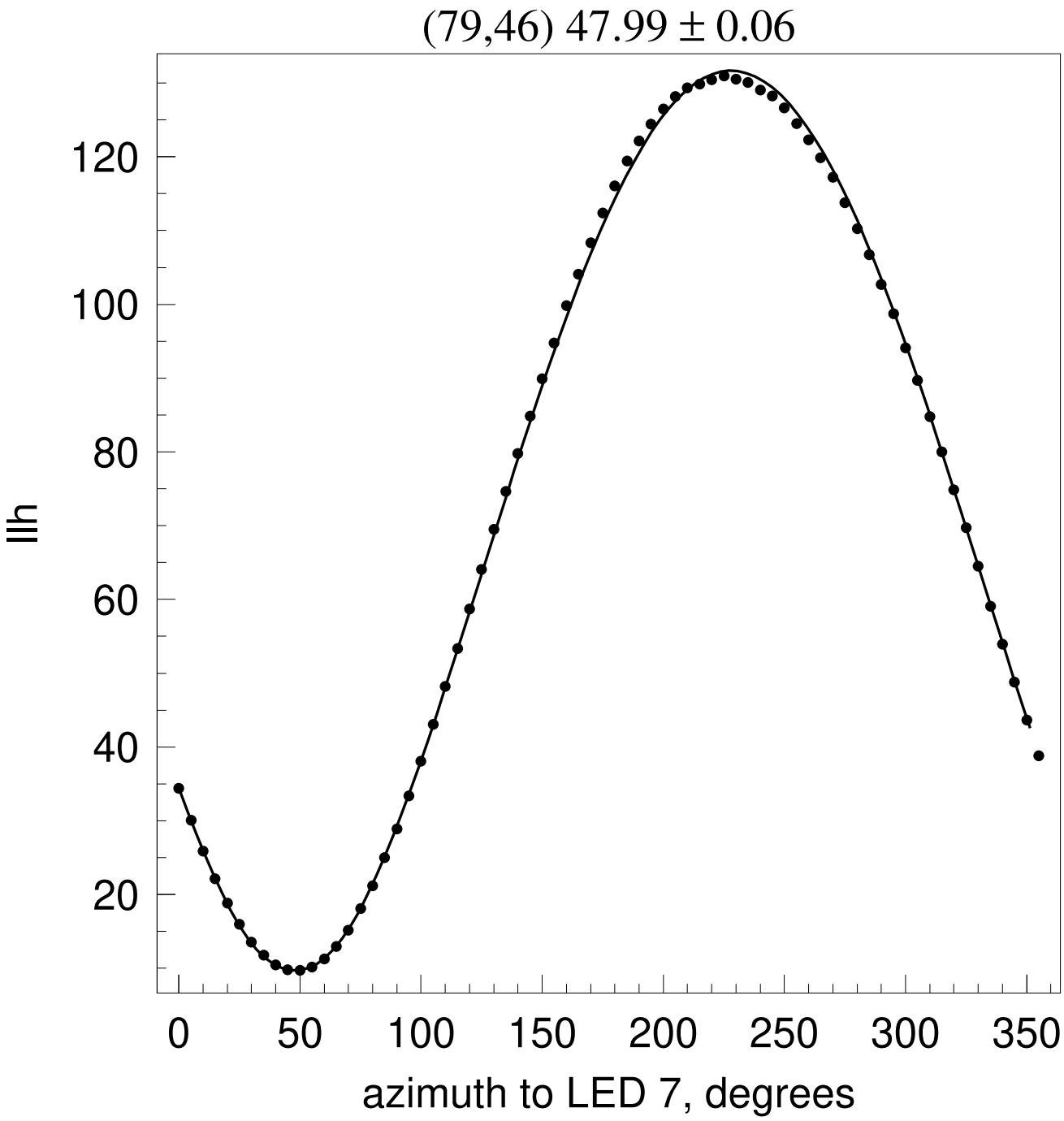

(79,40) 340.33 ± 0.14
llh
200
175
150
125
100
75
50
25
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

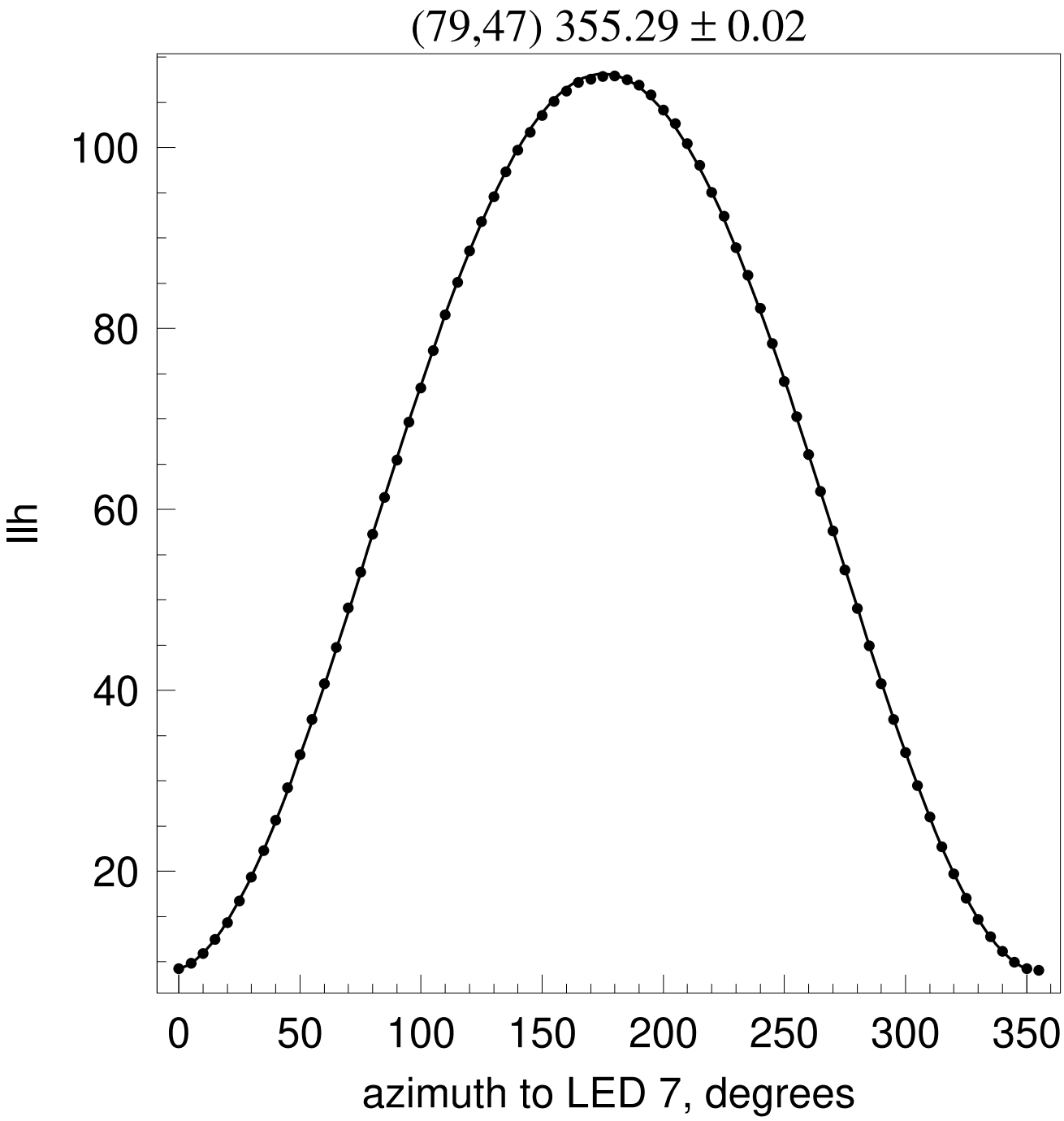

(79,42) 32.94 ± 0.11
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

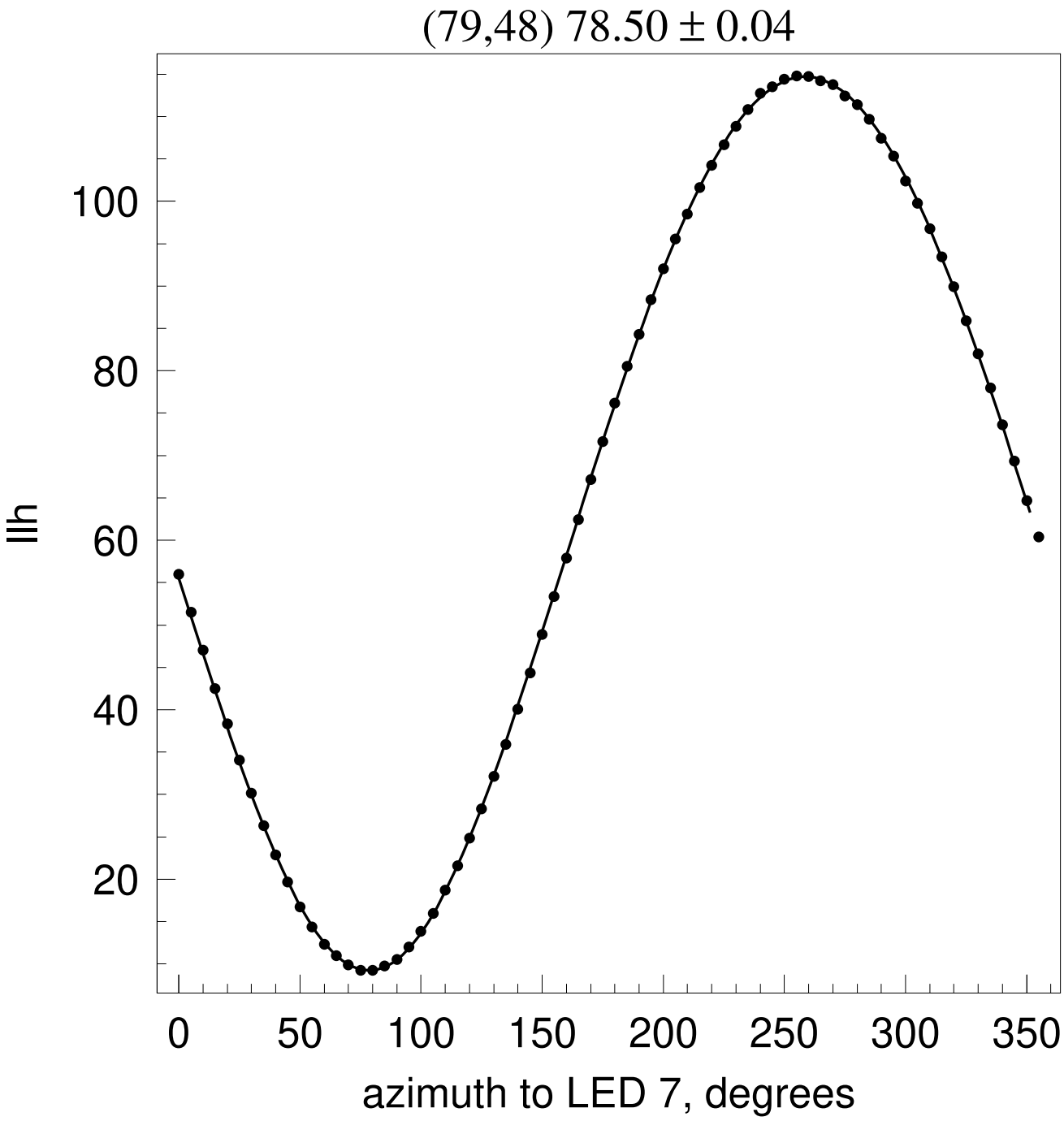

(79,43) 209.55 ± 0.08
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

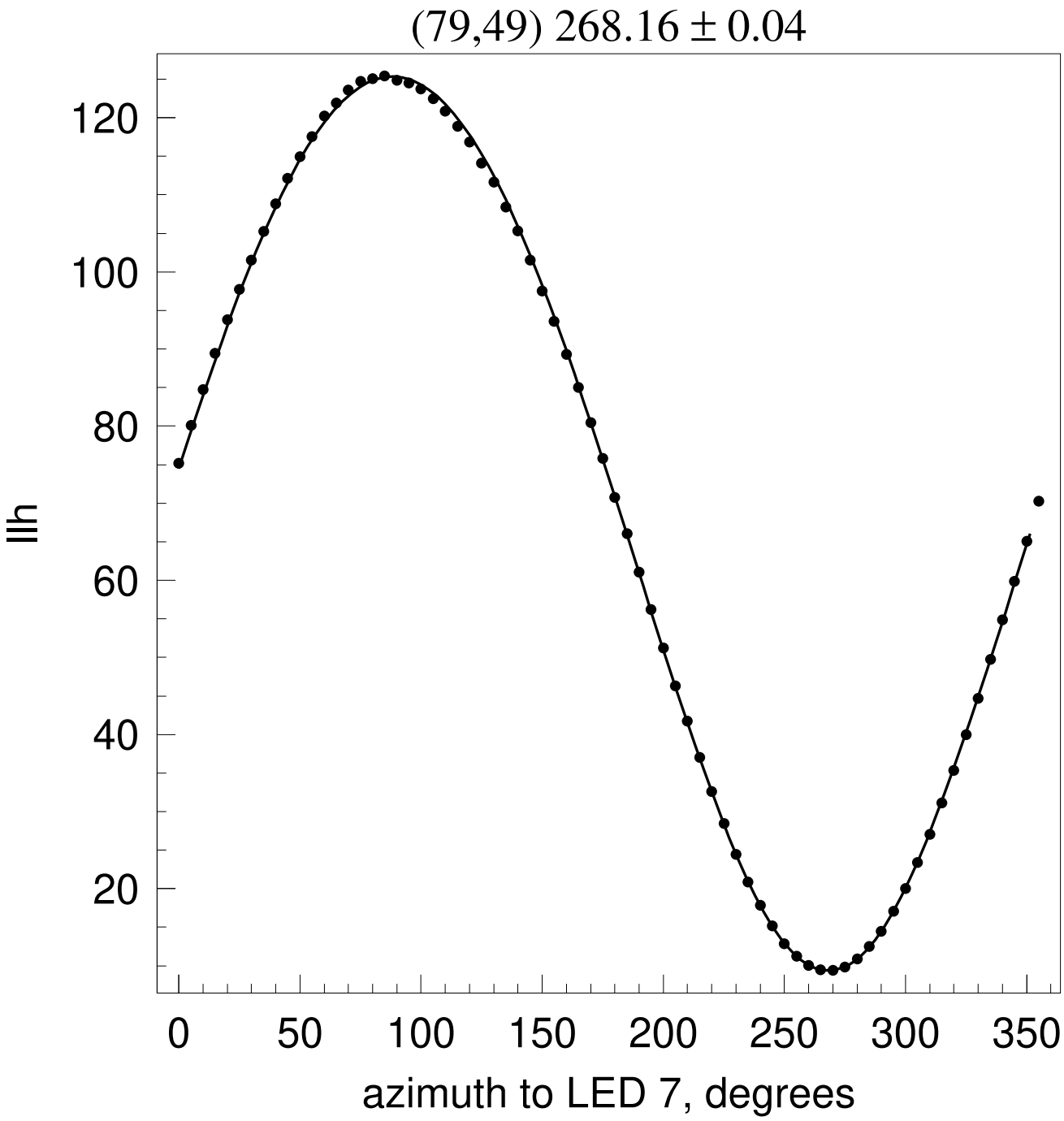

(79,44) 11.96 ± 1.29
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

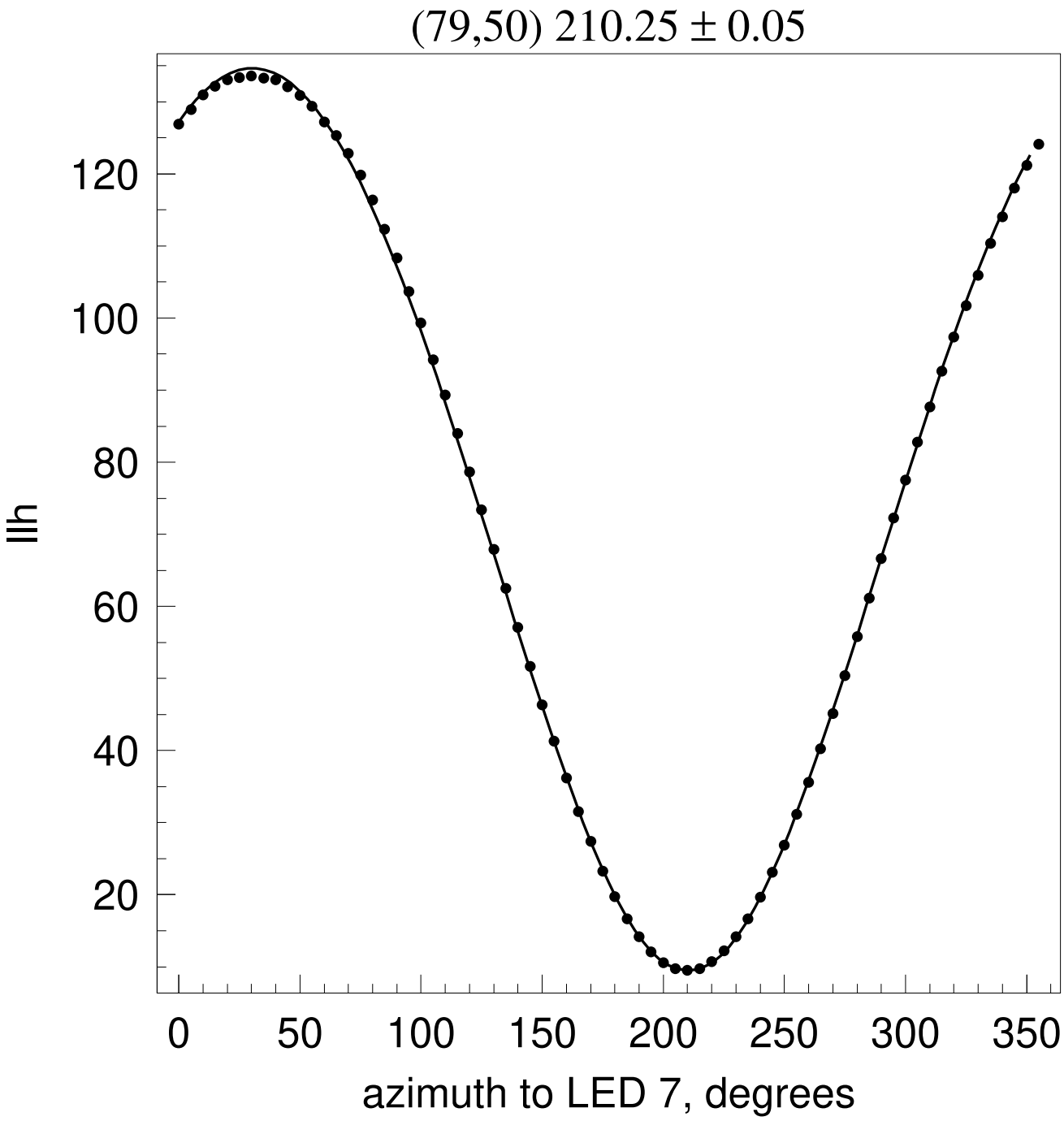

(79,45) 25.03 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

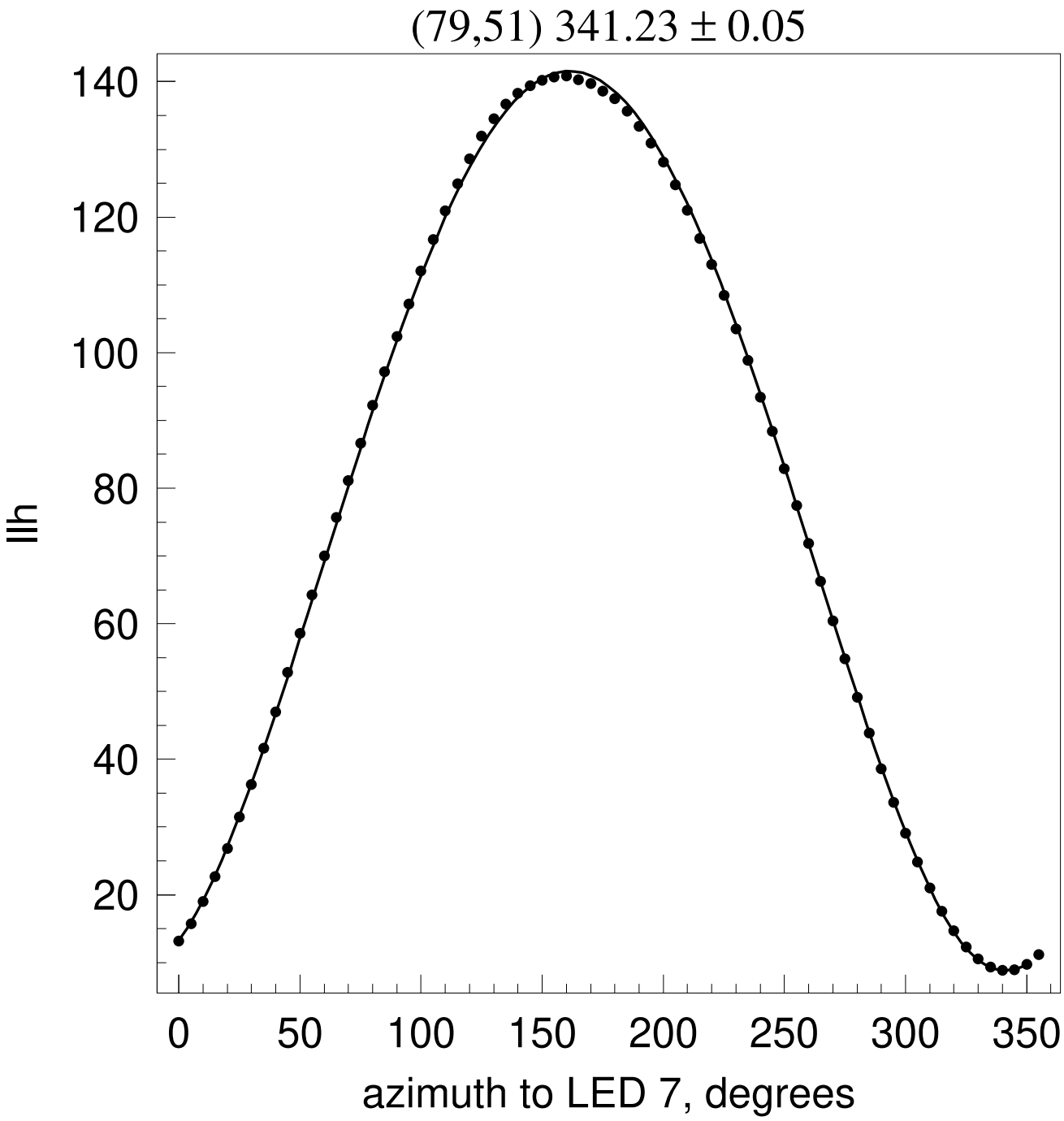

(79,46) 47.99 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

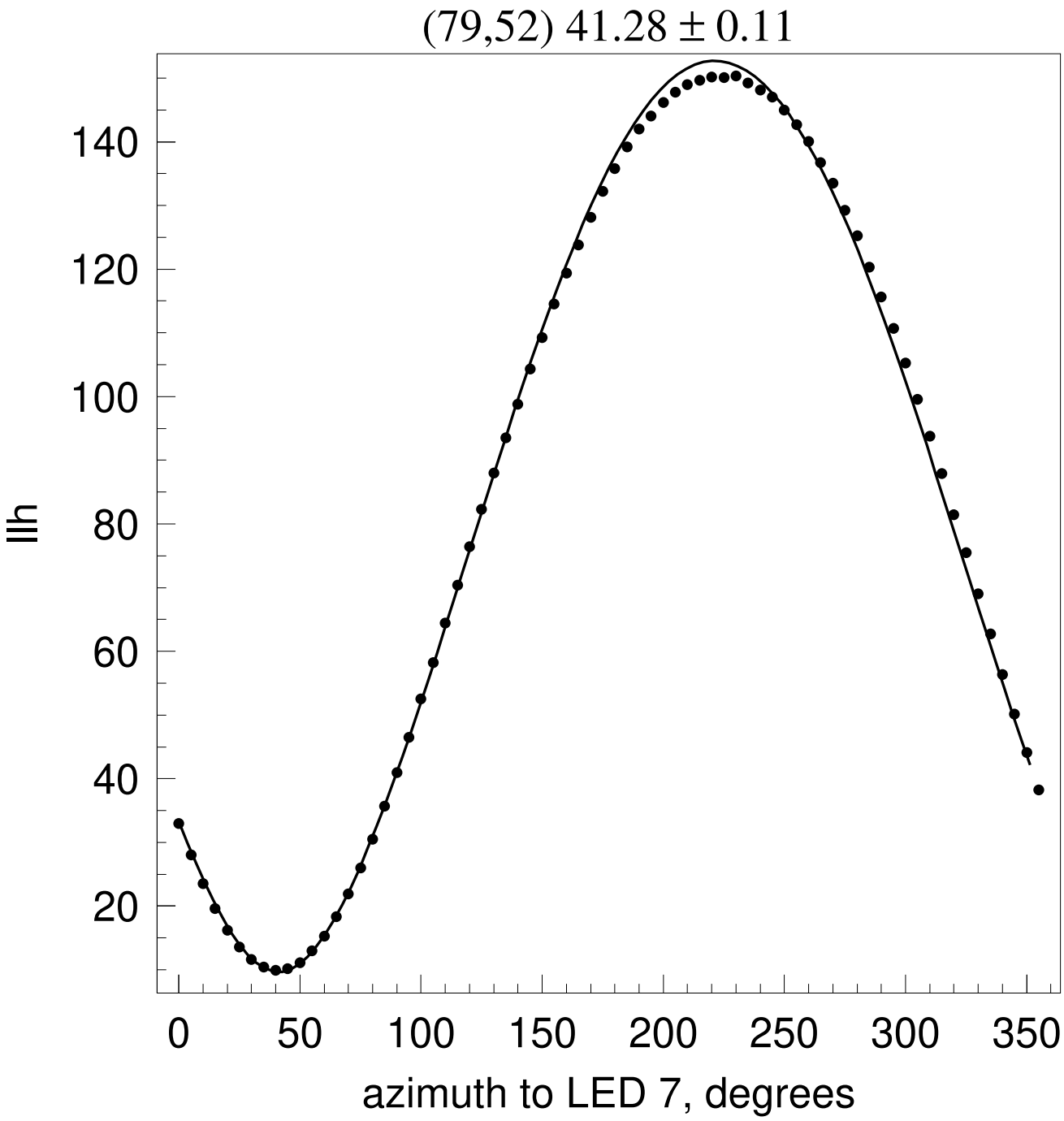

(79,47) 355.29 ± 0.02
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

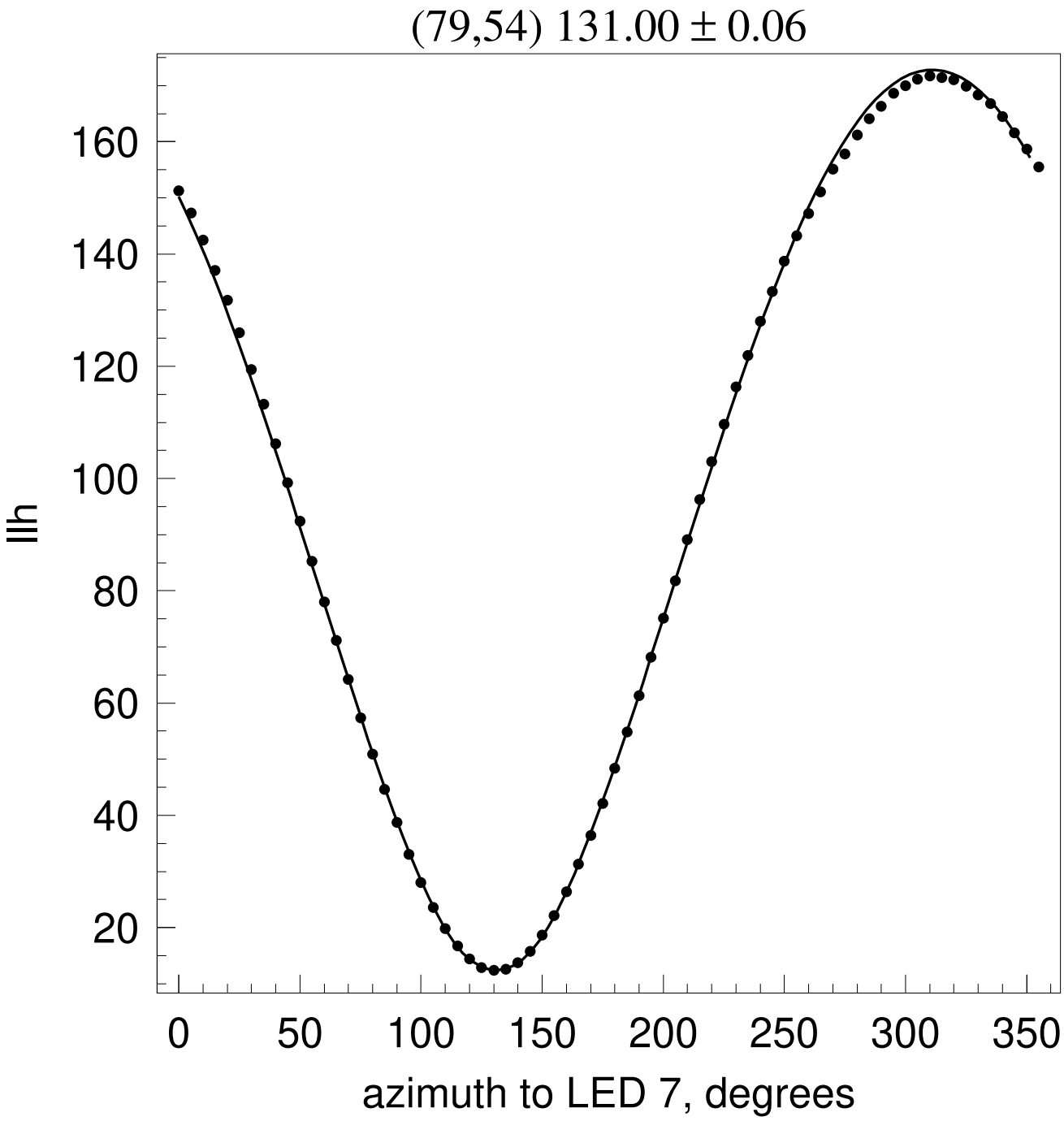

(79,48) 78.50 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

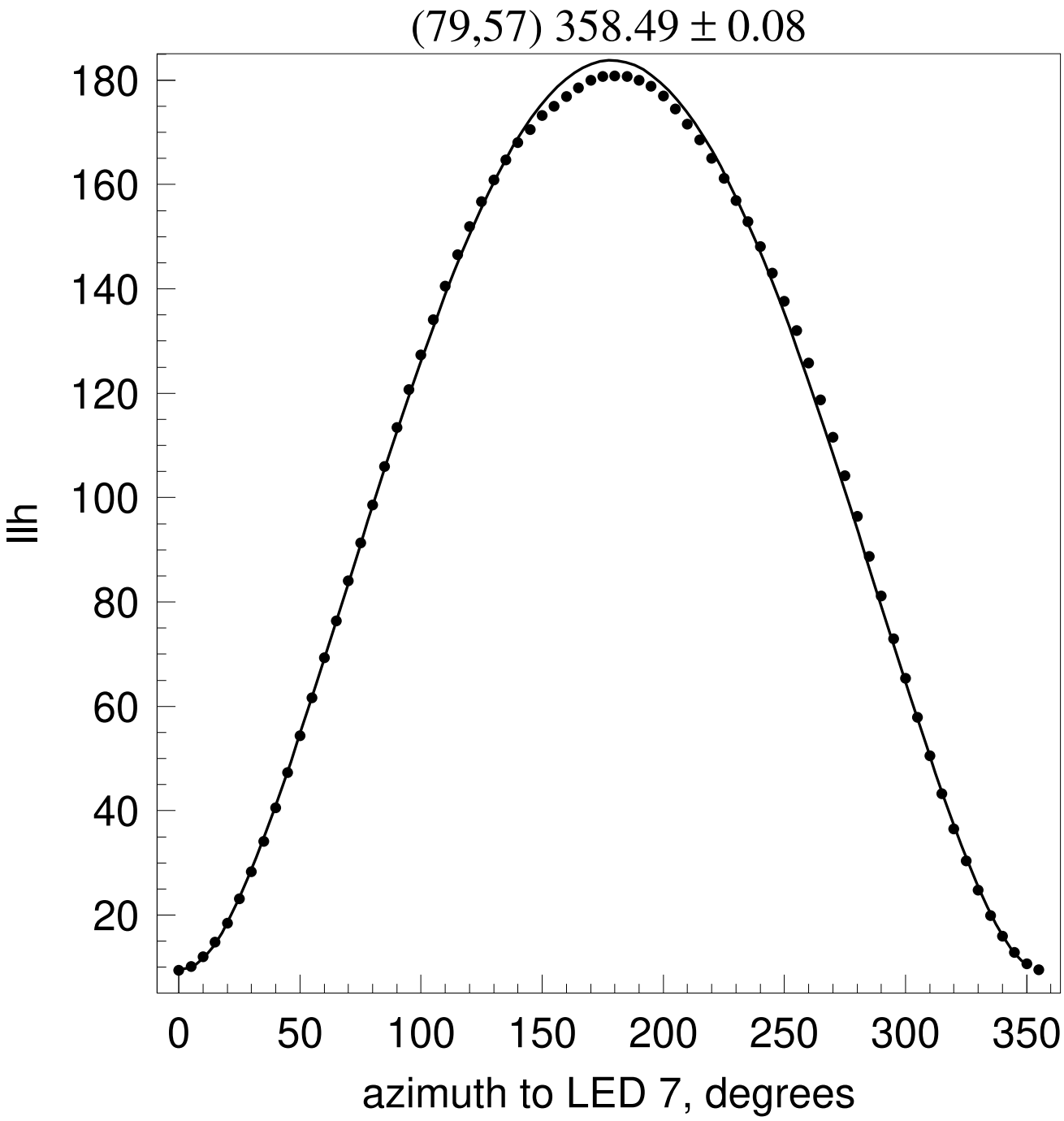

(79,49) 268.16 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

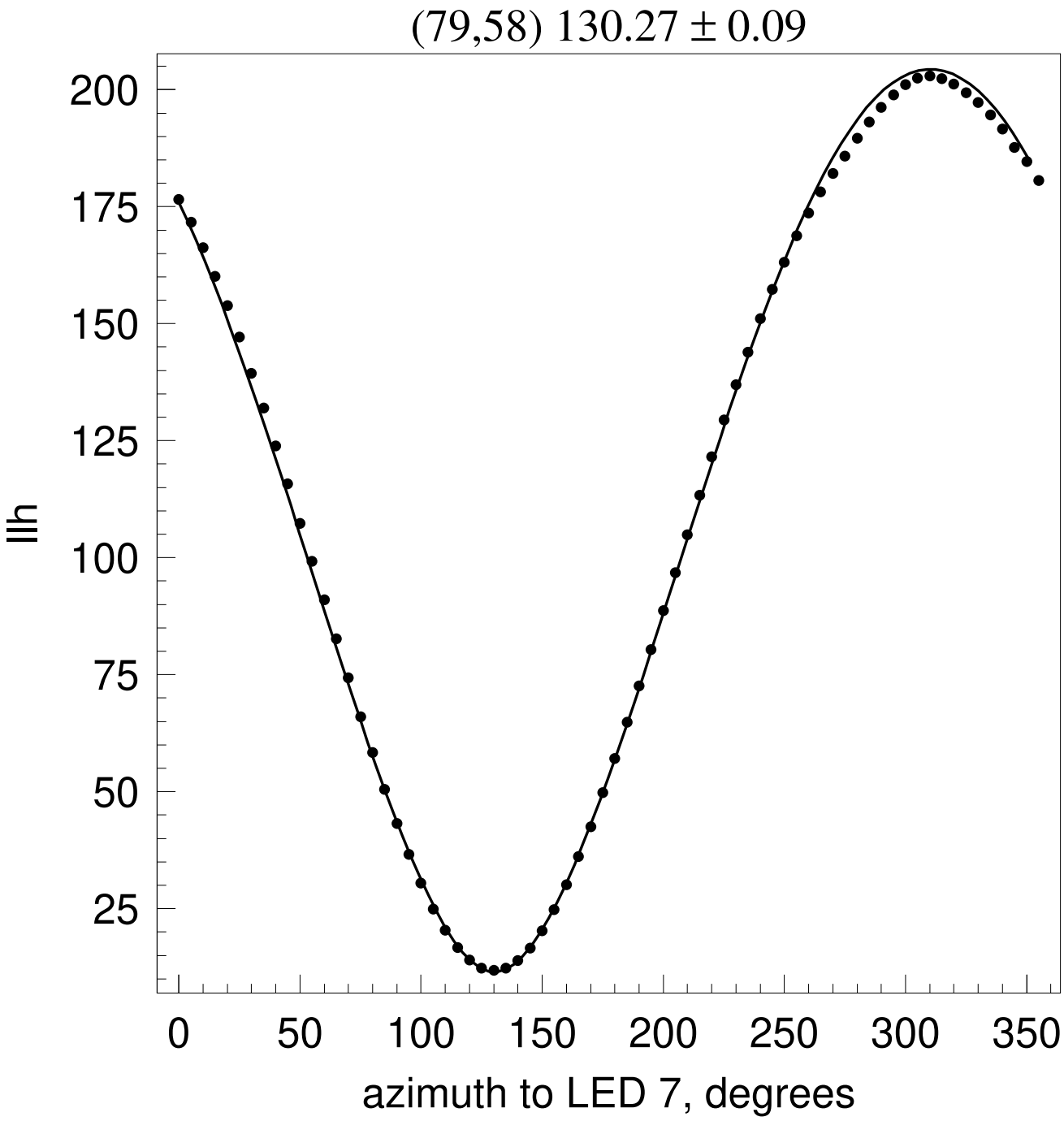

(79,50) 210.25 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

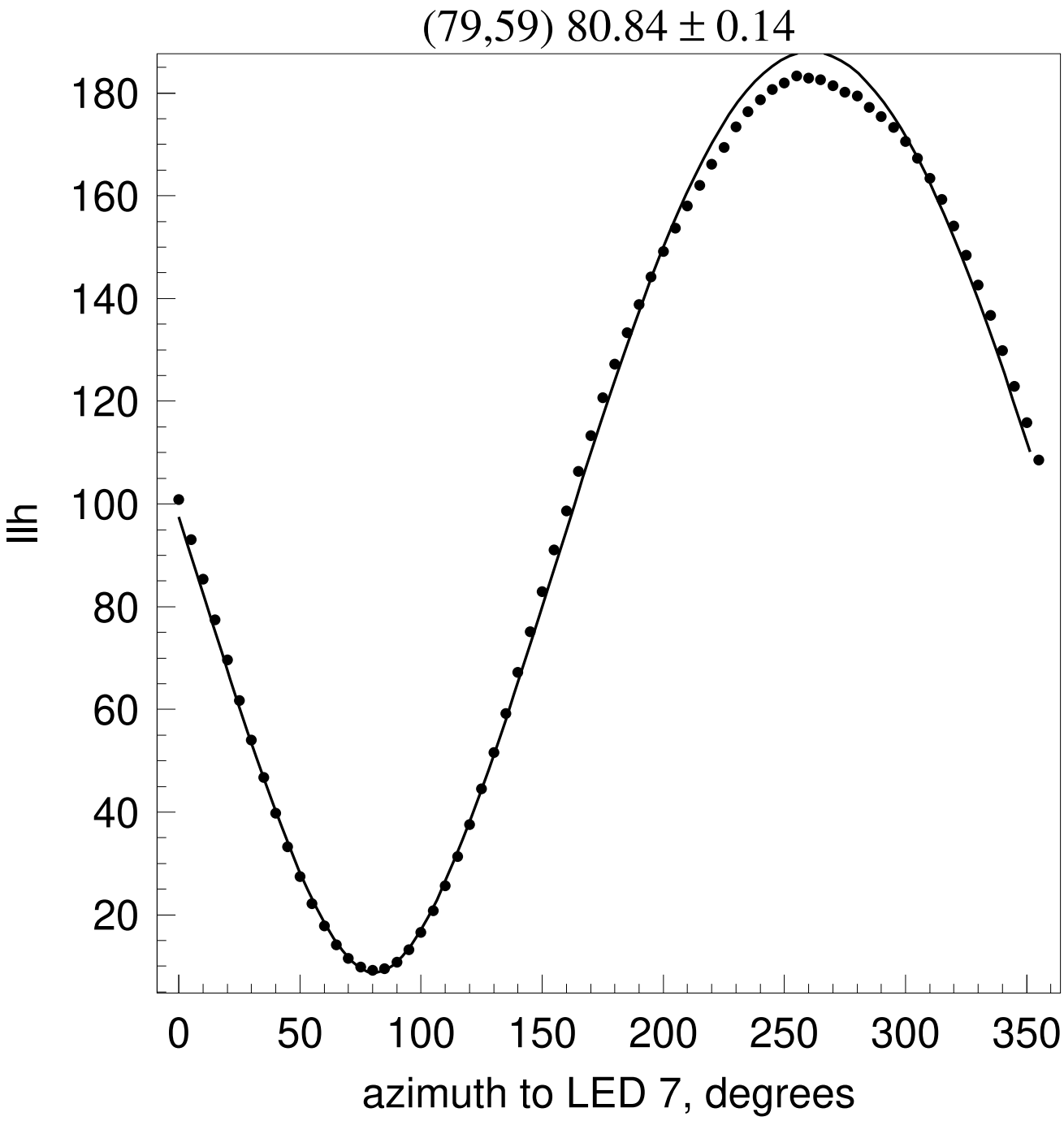

(79,51) 341.23 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

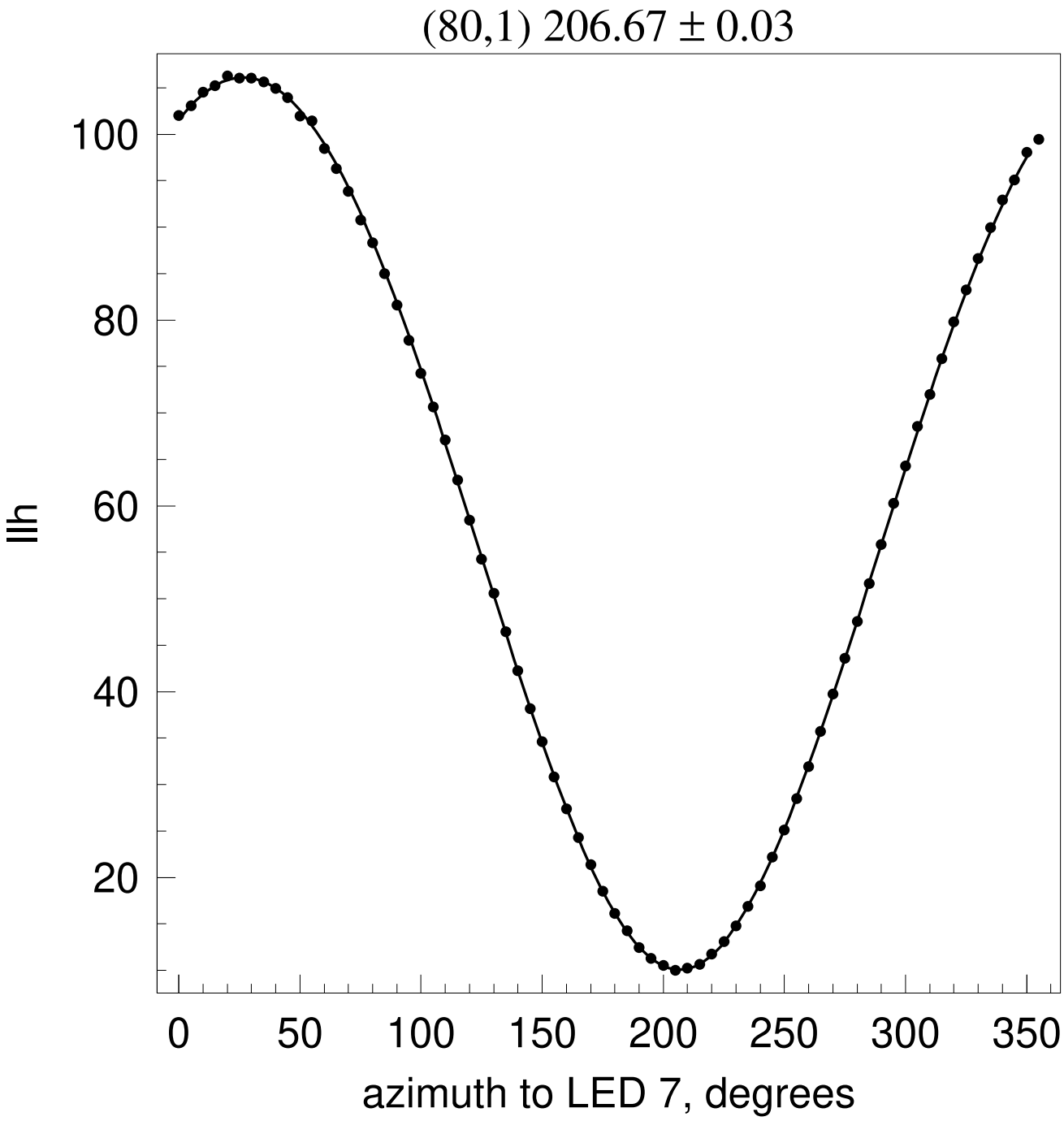

(79,52) 41.28 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

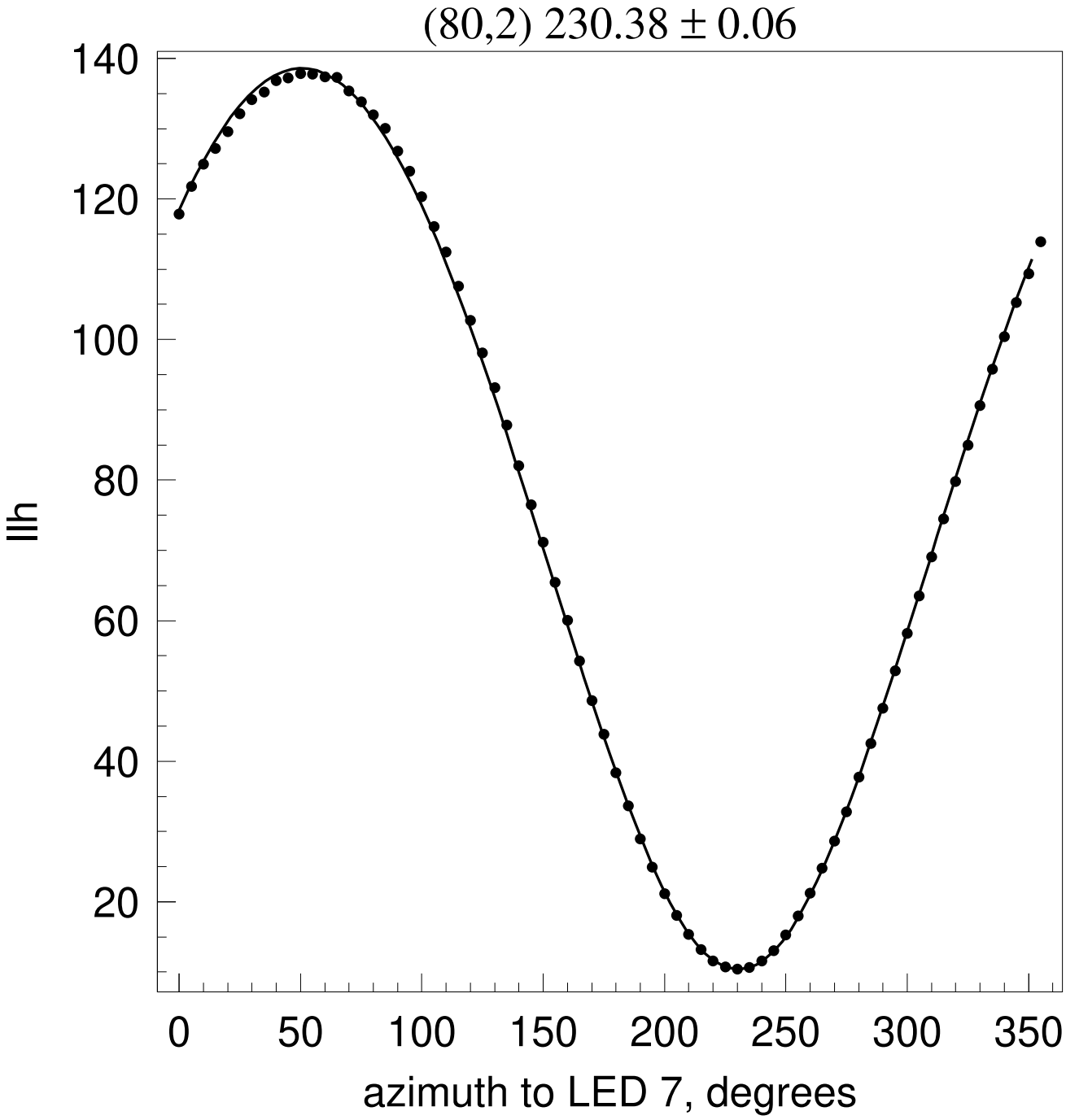

(79,54) 131.00 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

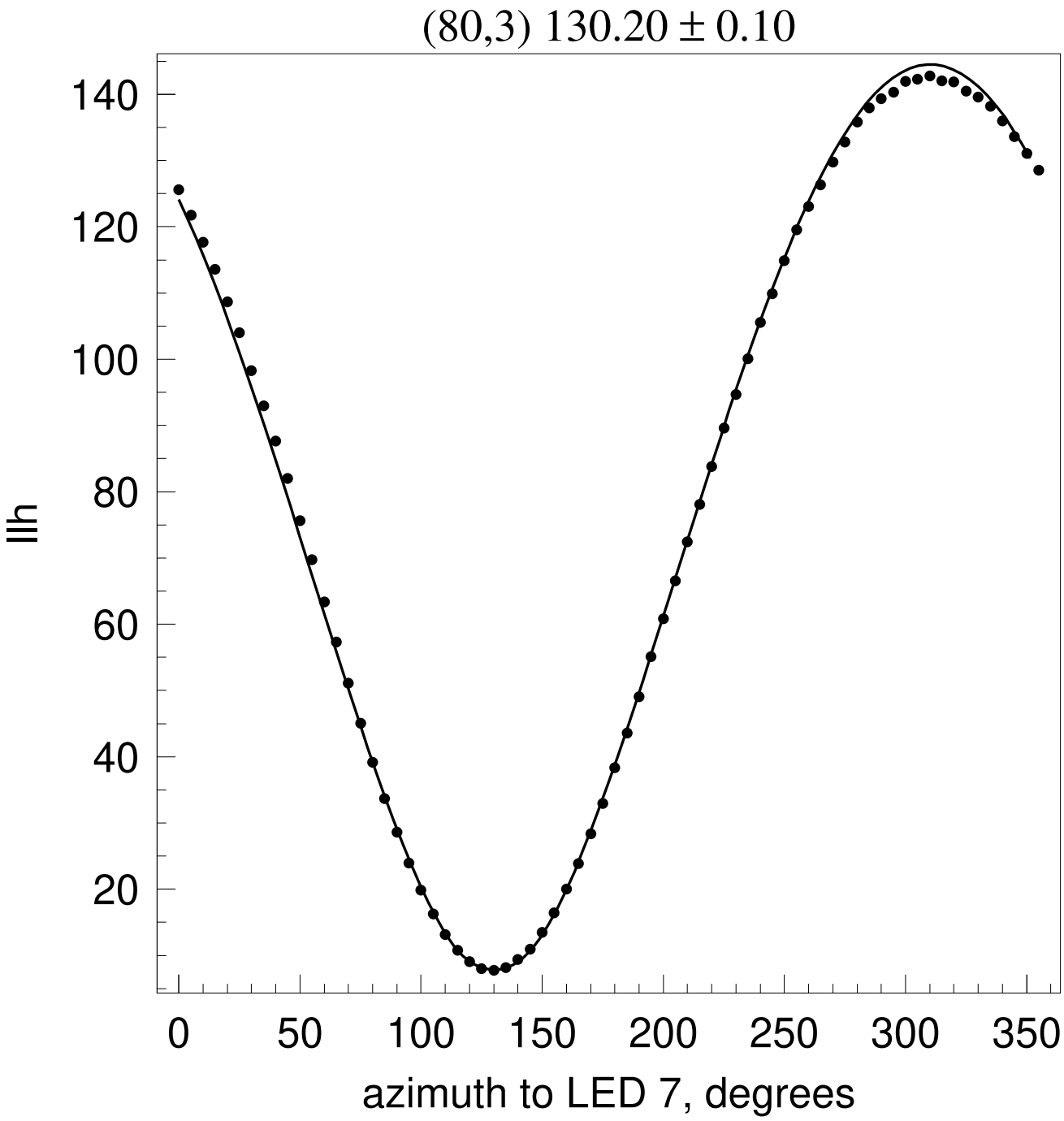

(79,57) 358.49 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

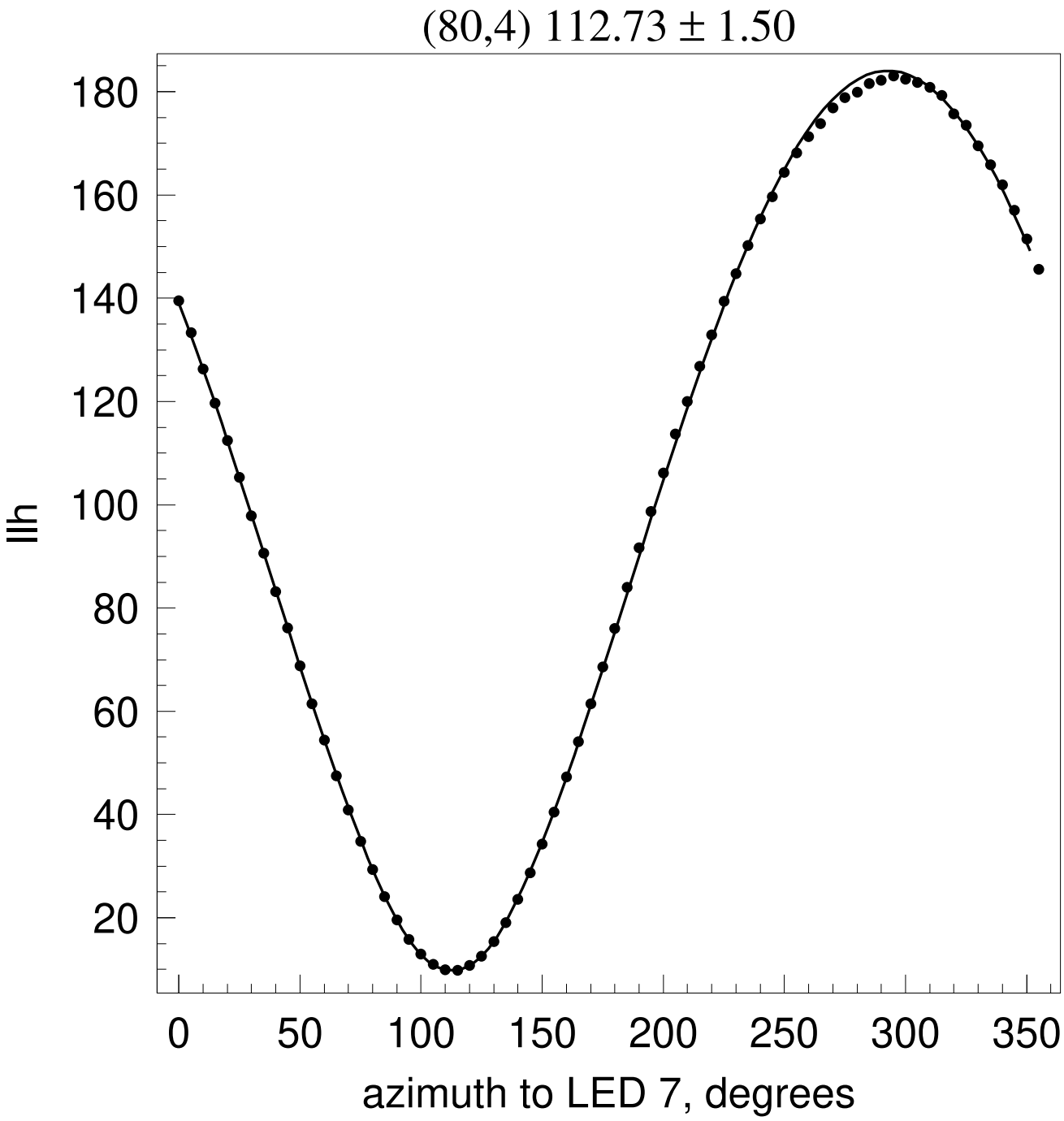

(79,58) 130.27 ± 0.09
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

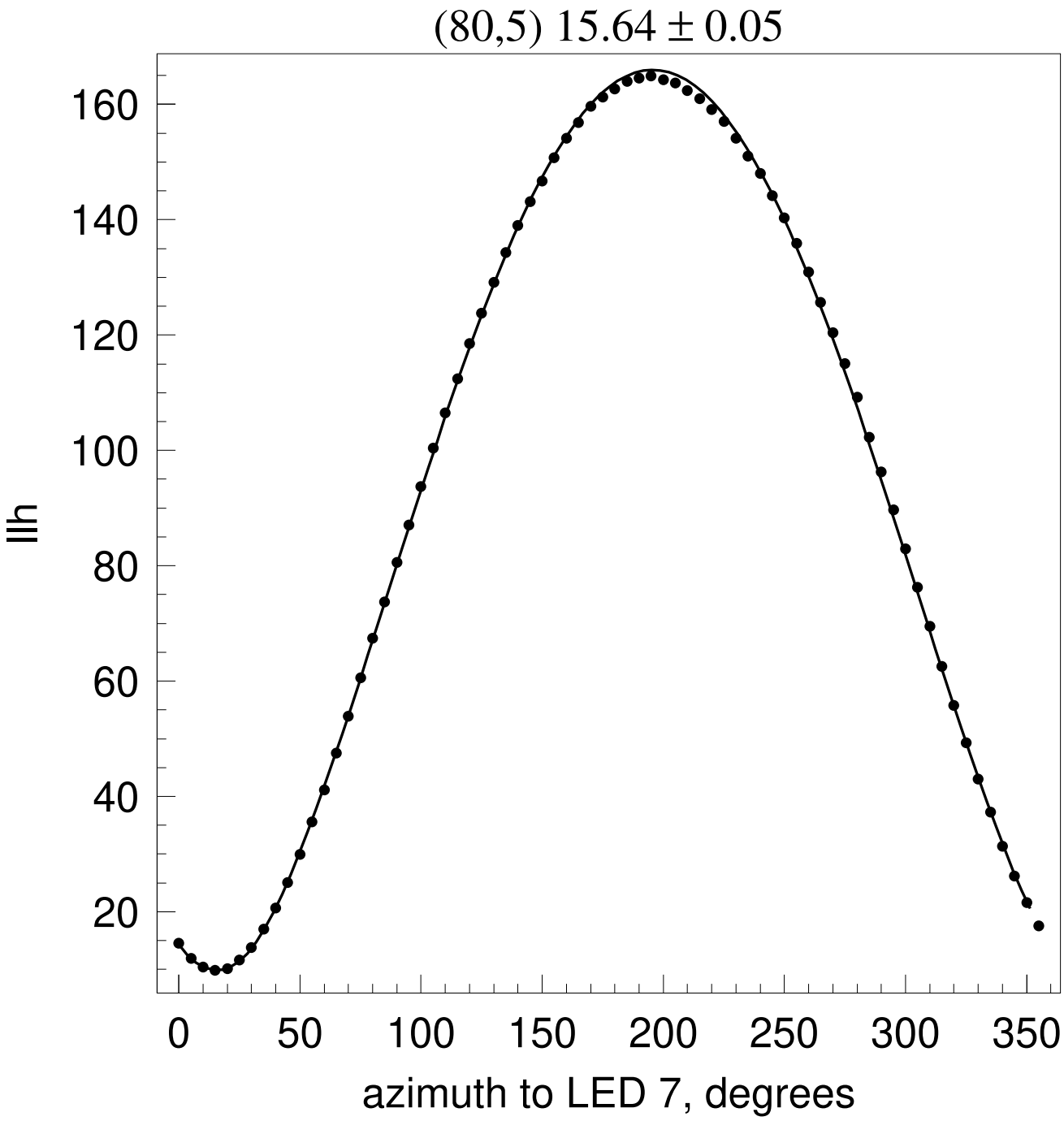

(79,59) 80.84 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

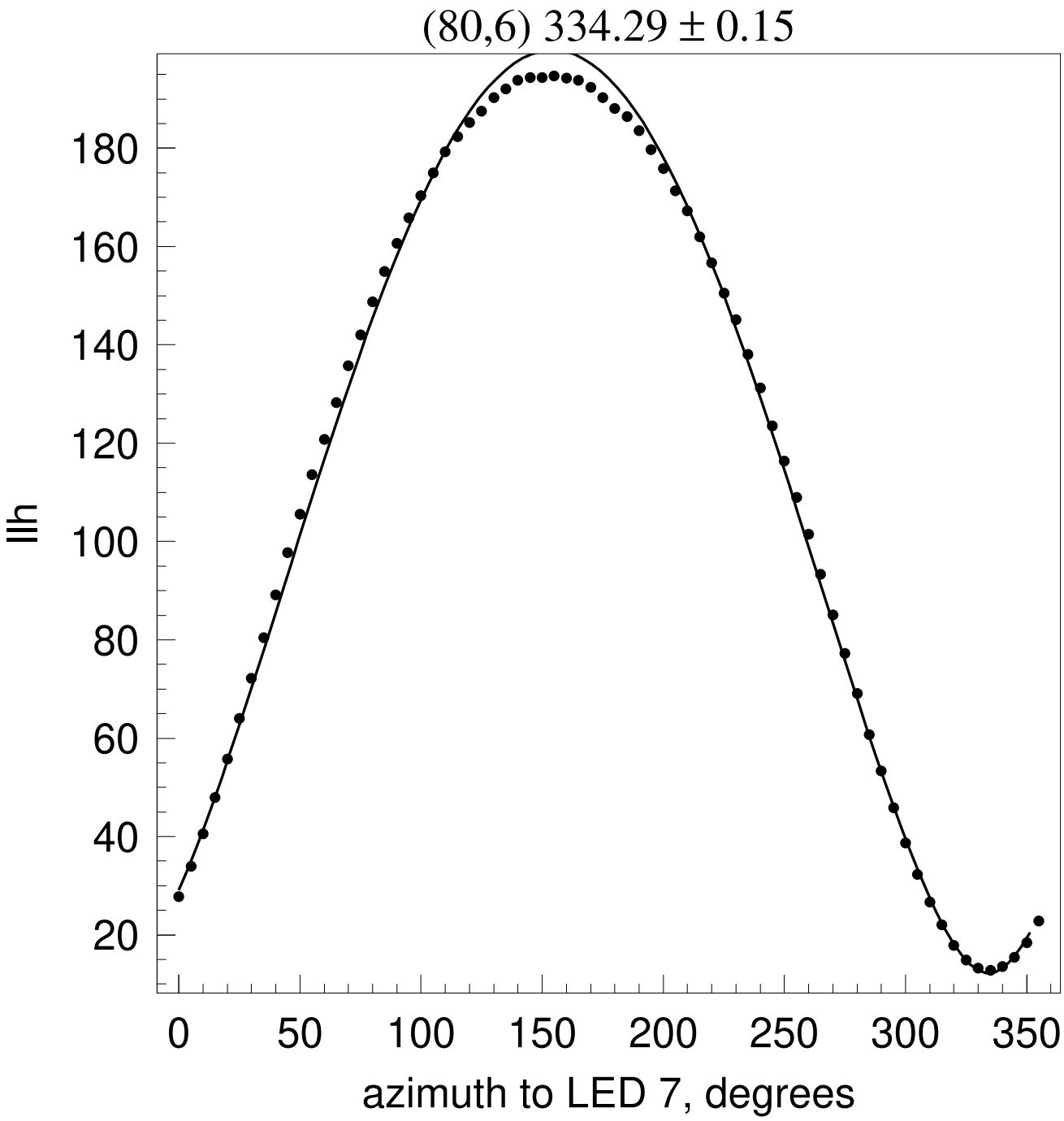

(80,1) 206.67 ± 0.03
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

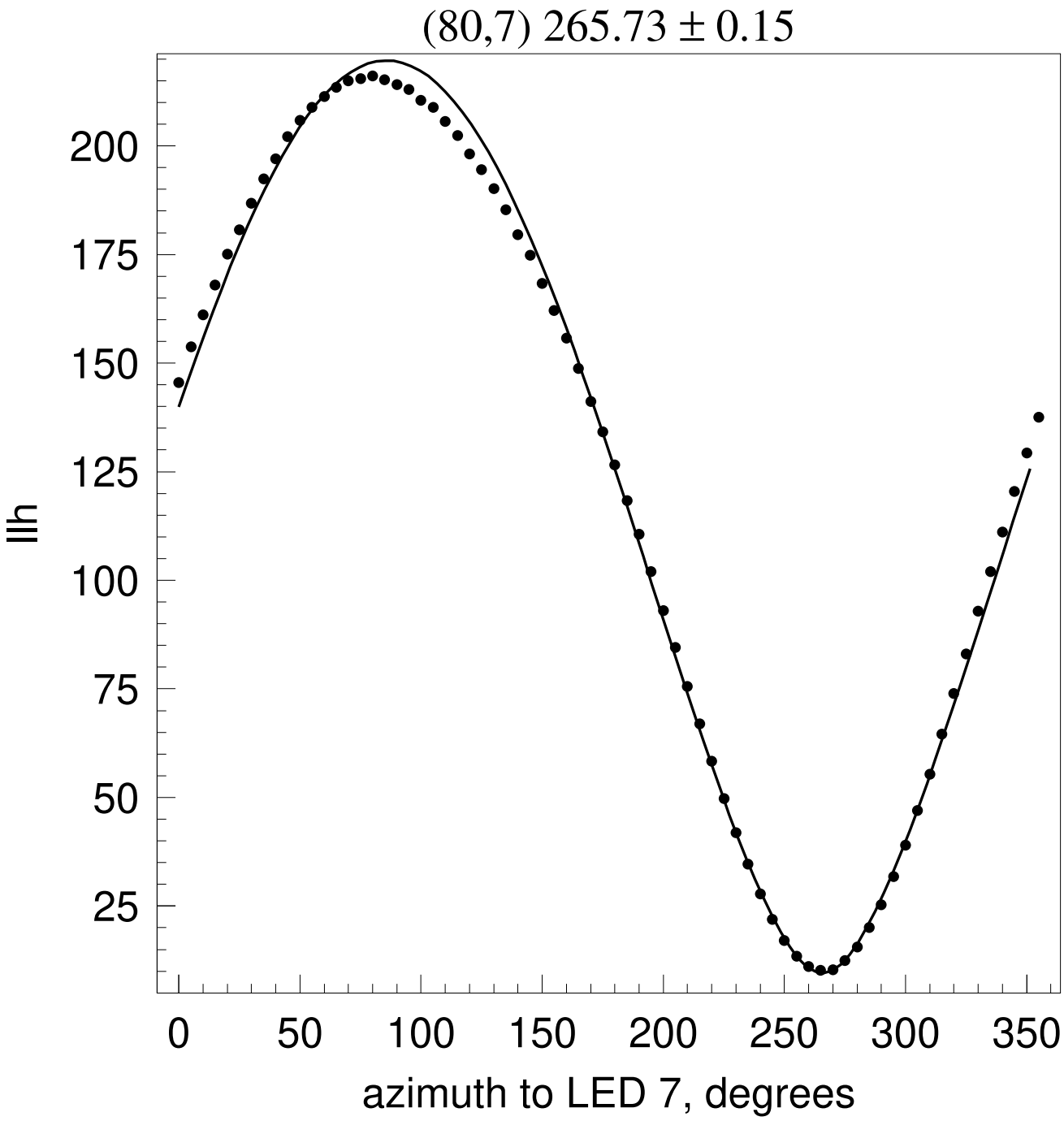

(80,2) 230.38 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

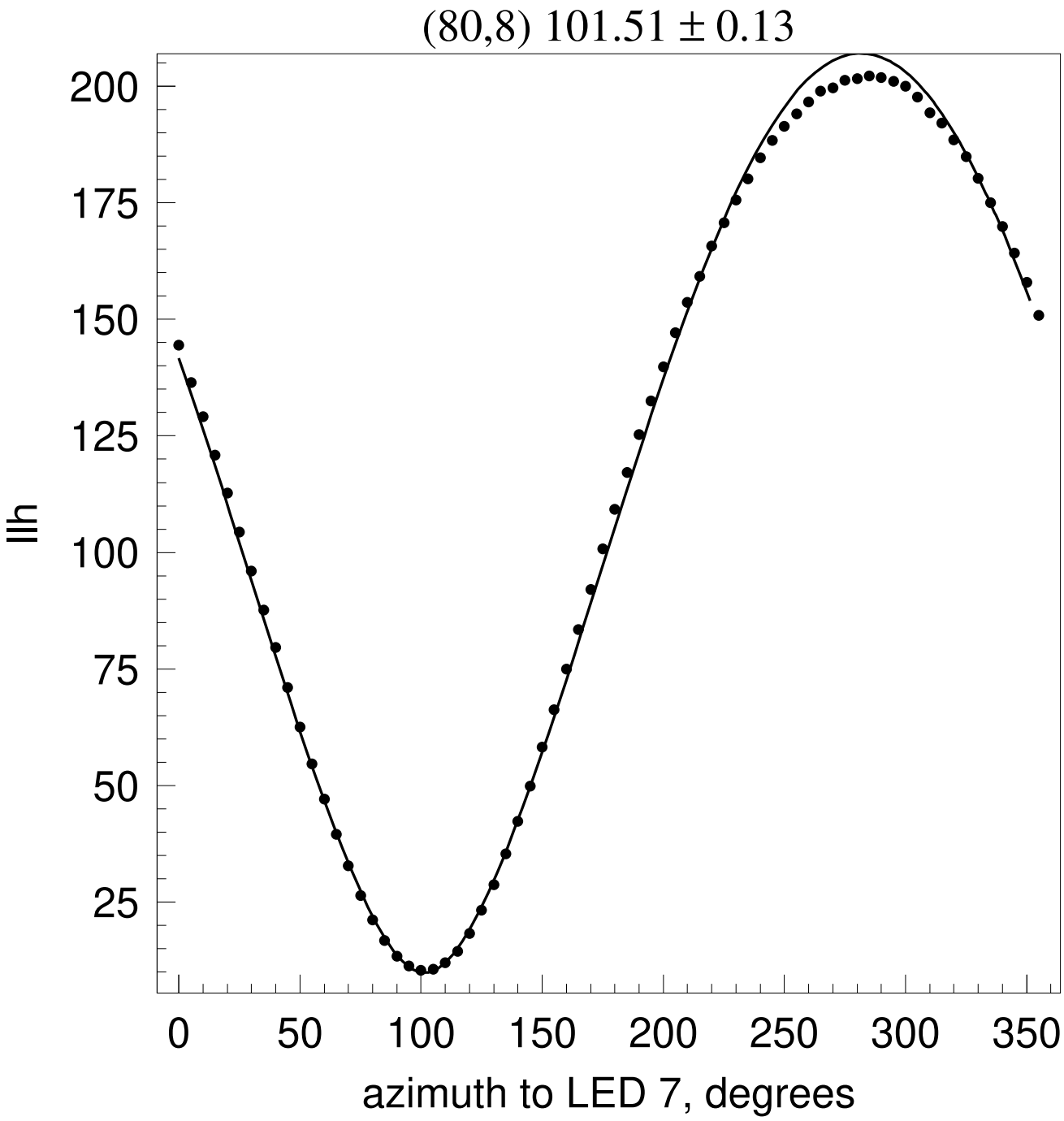

(80,3) 130.20 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

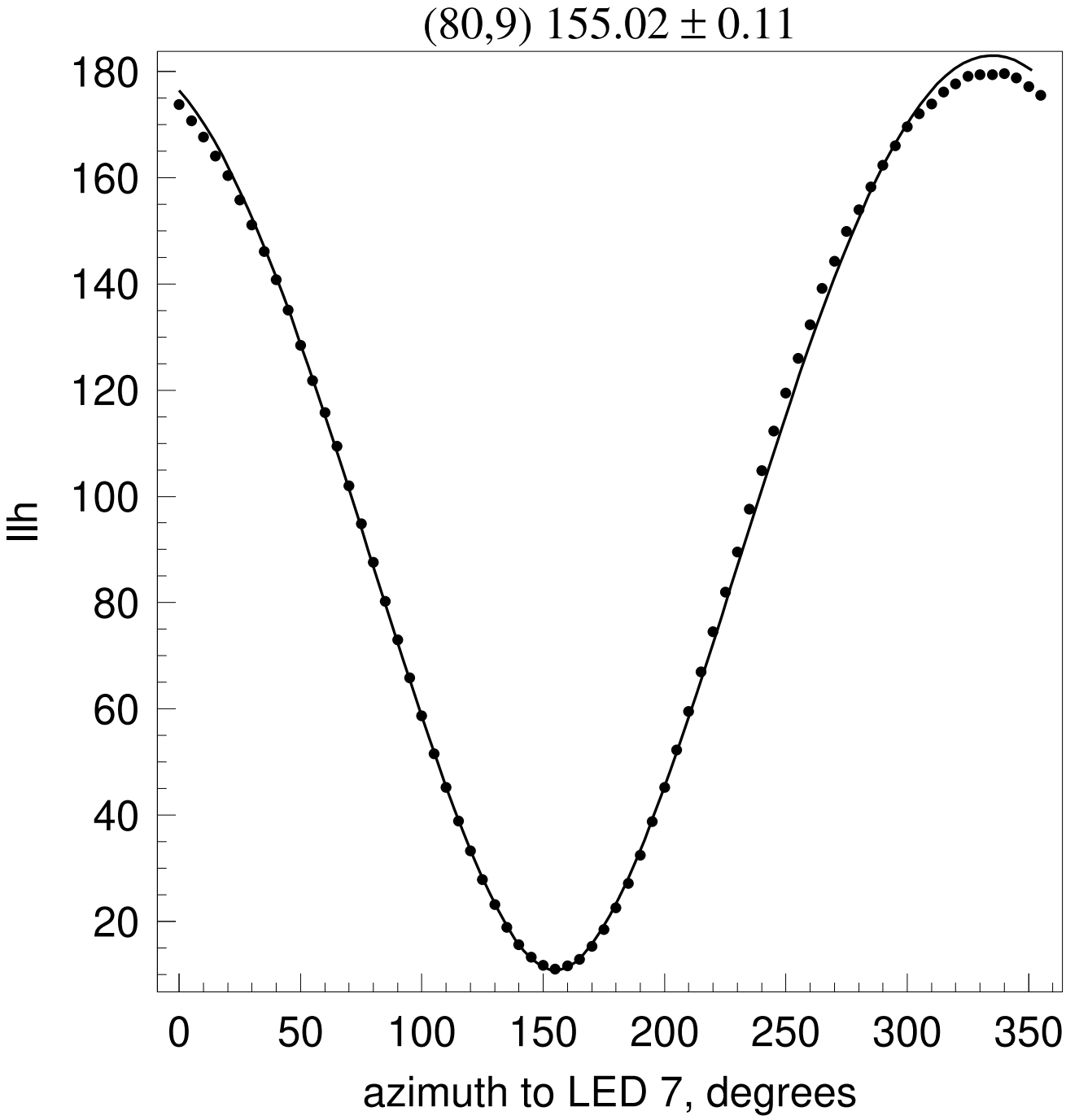

(80,4) 112.73 ± 1.50
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

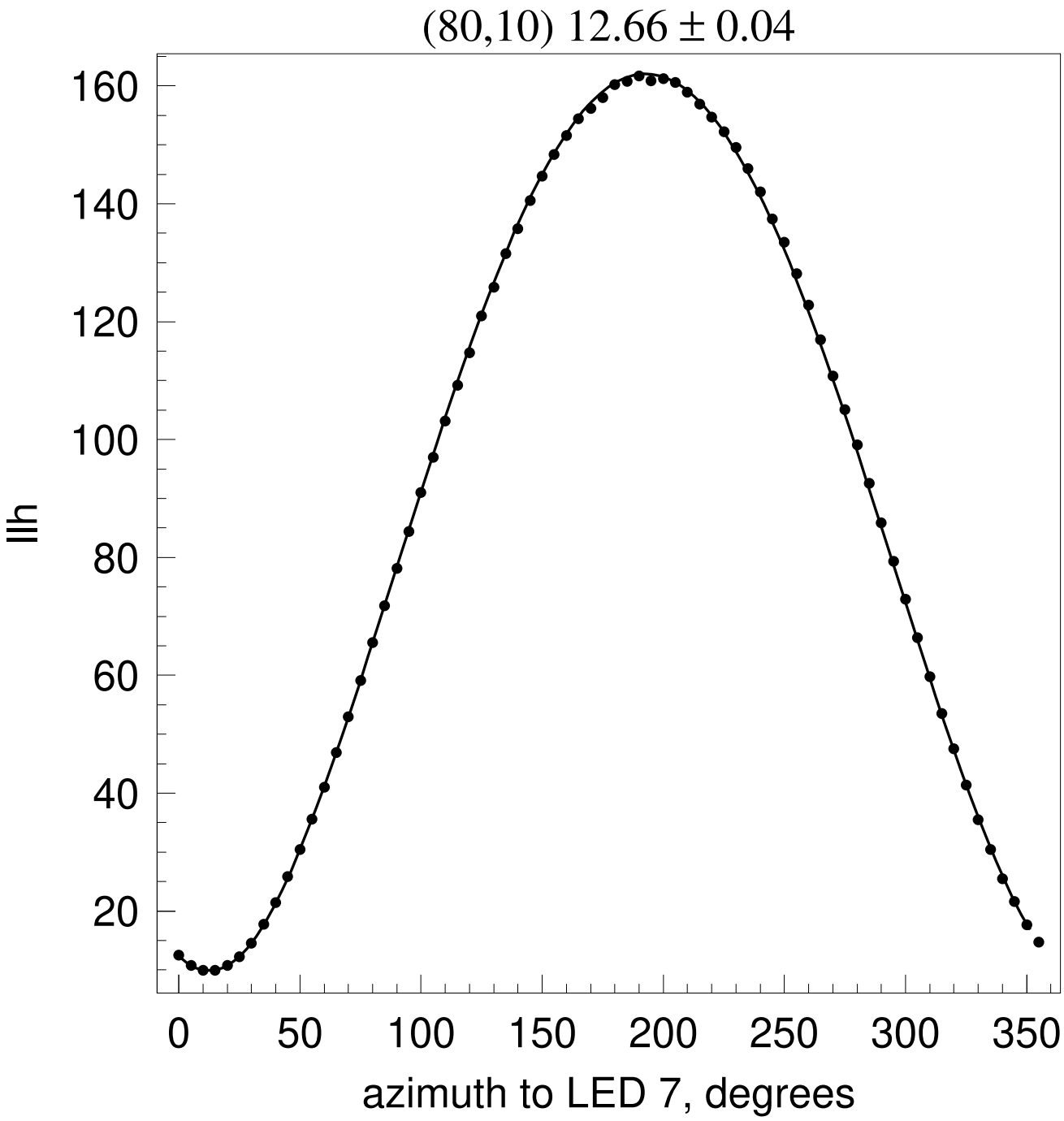

(80,5) 15.64 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

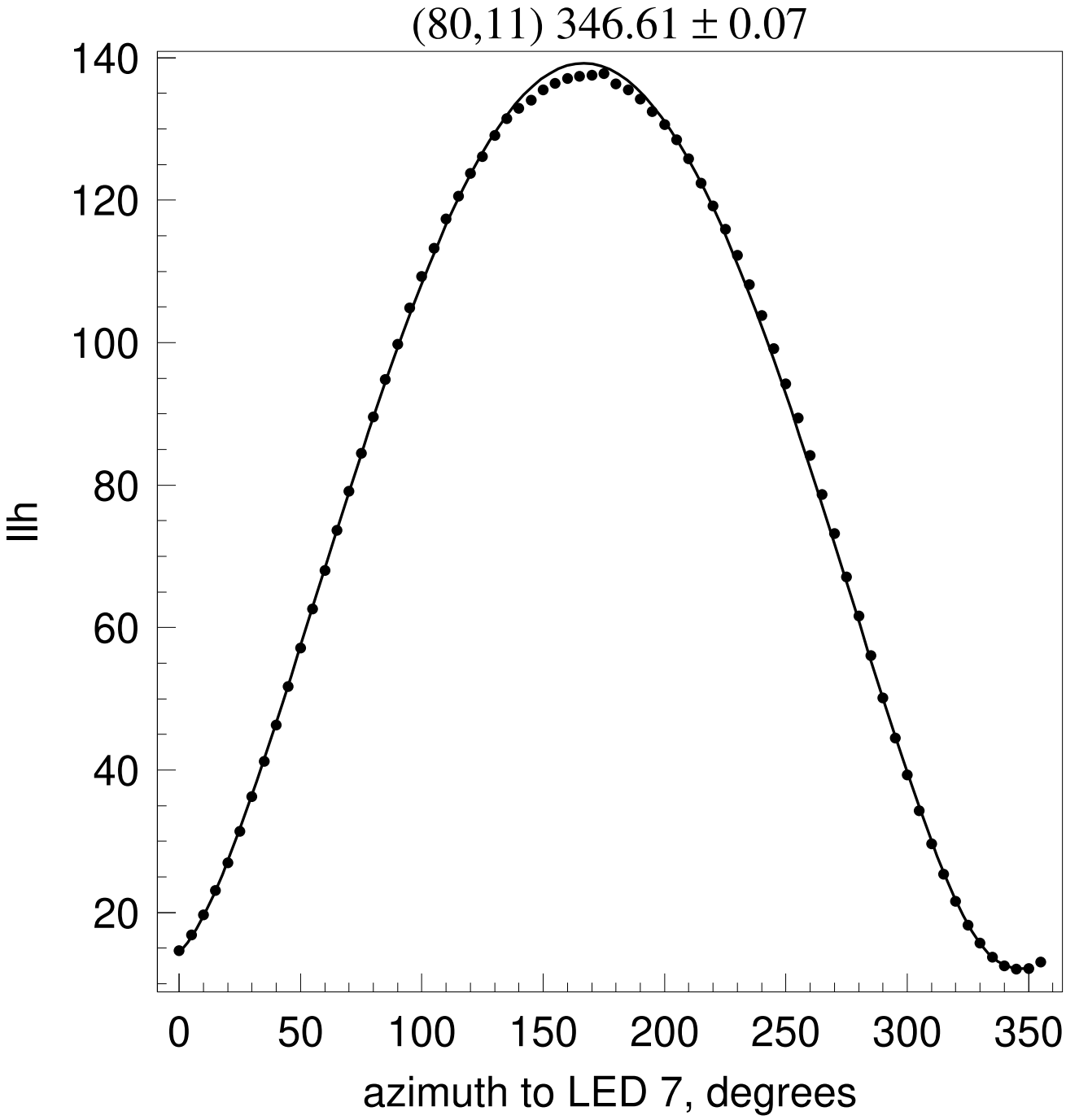

(80,6) 334.29 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

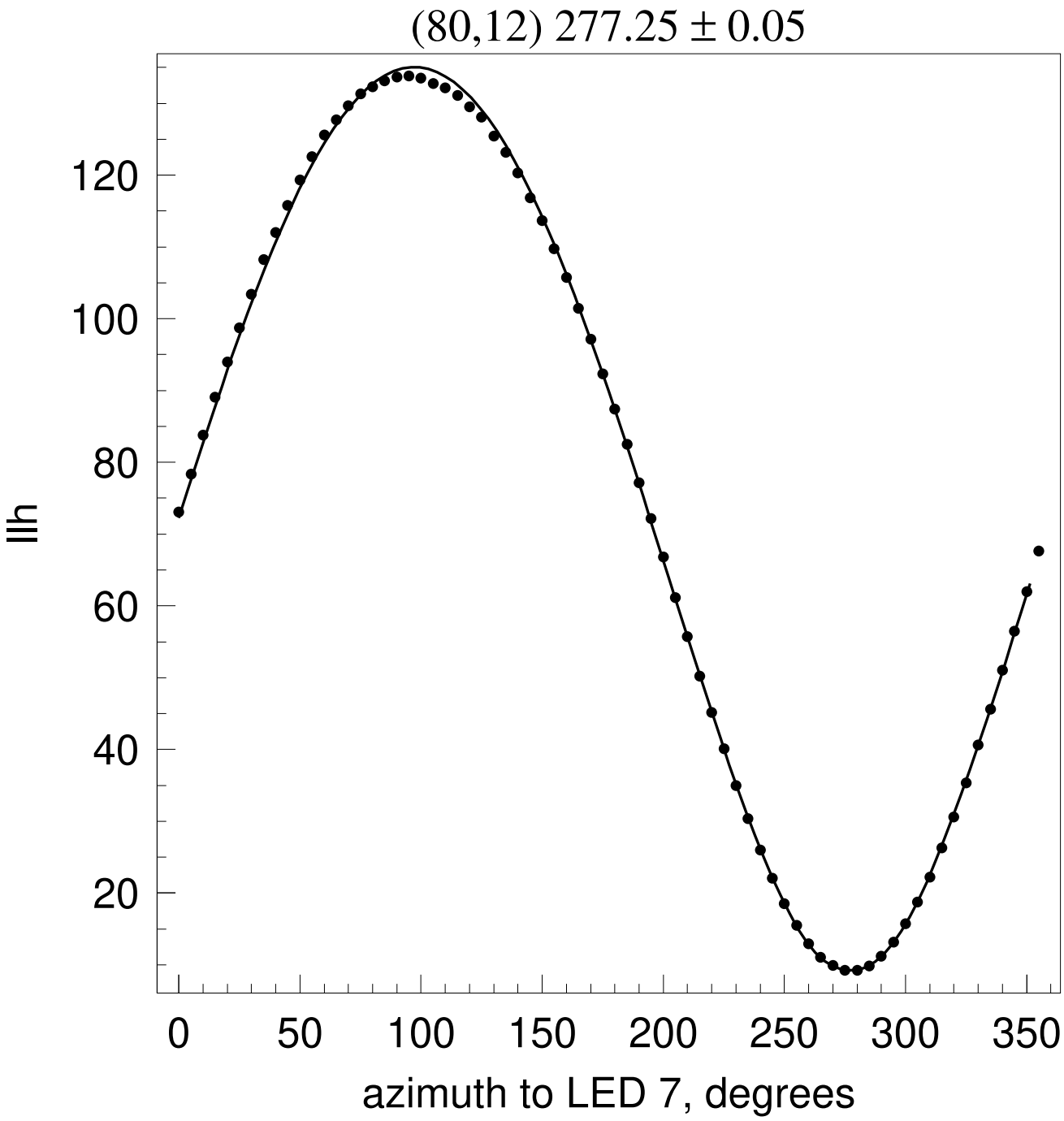

(80,7) 265.73 ± 0.15
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

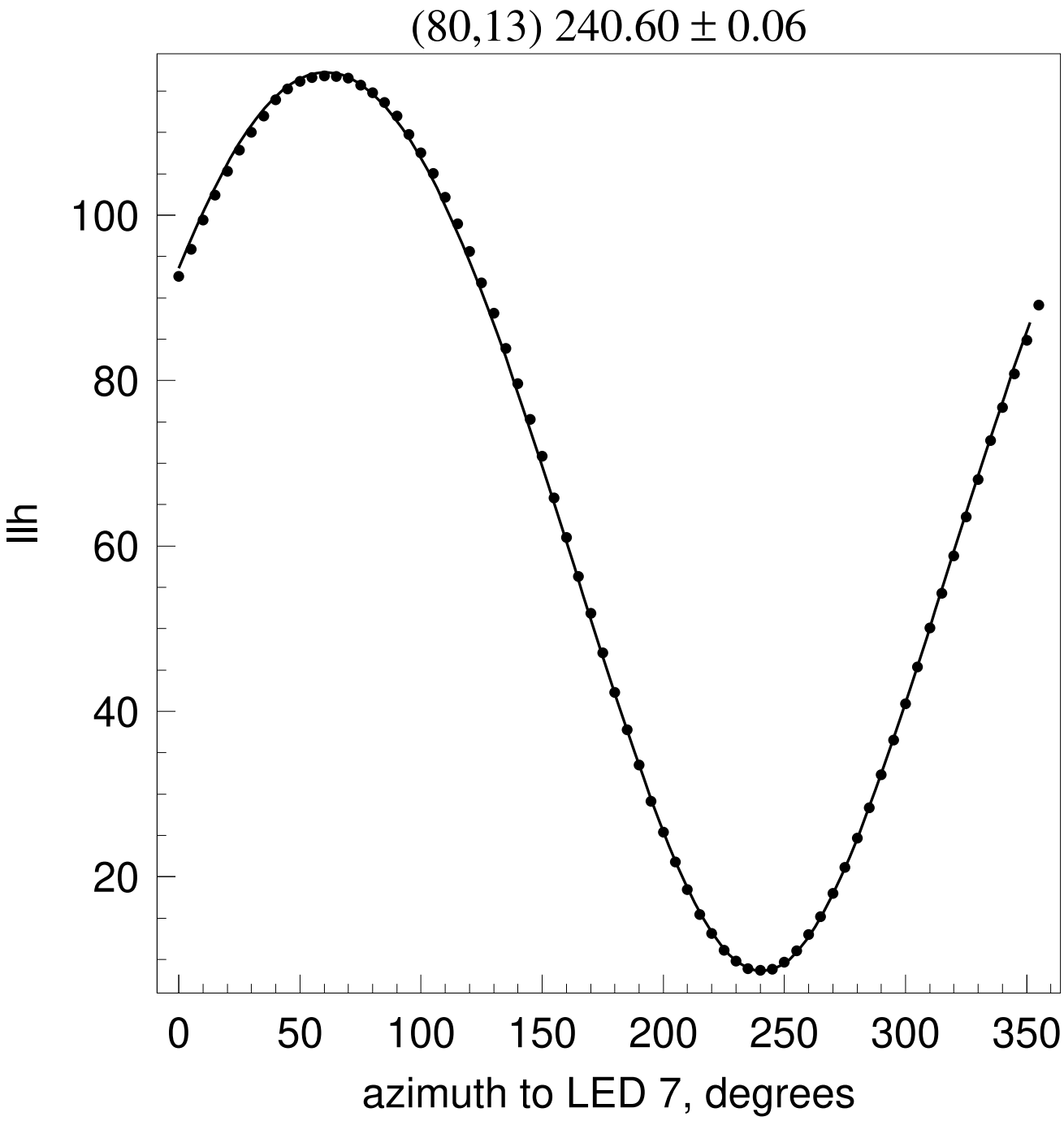

(80,8) 101.51 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

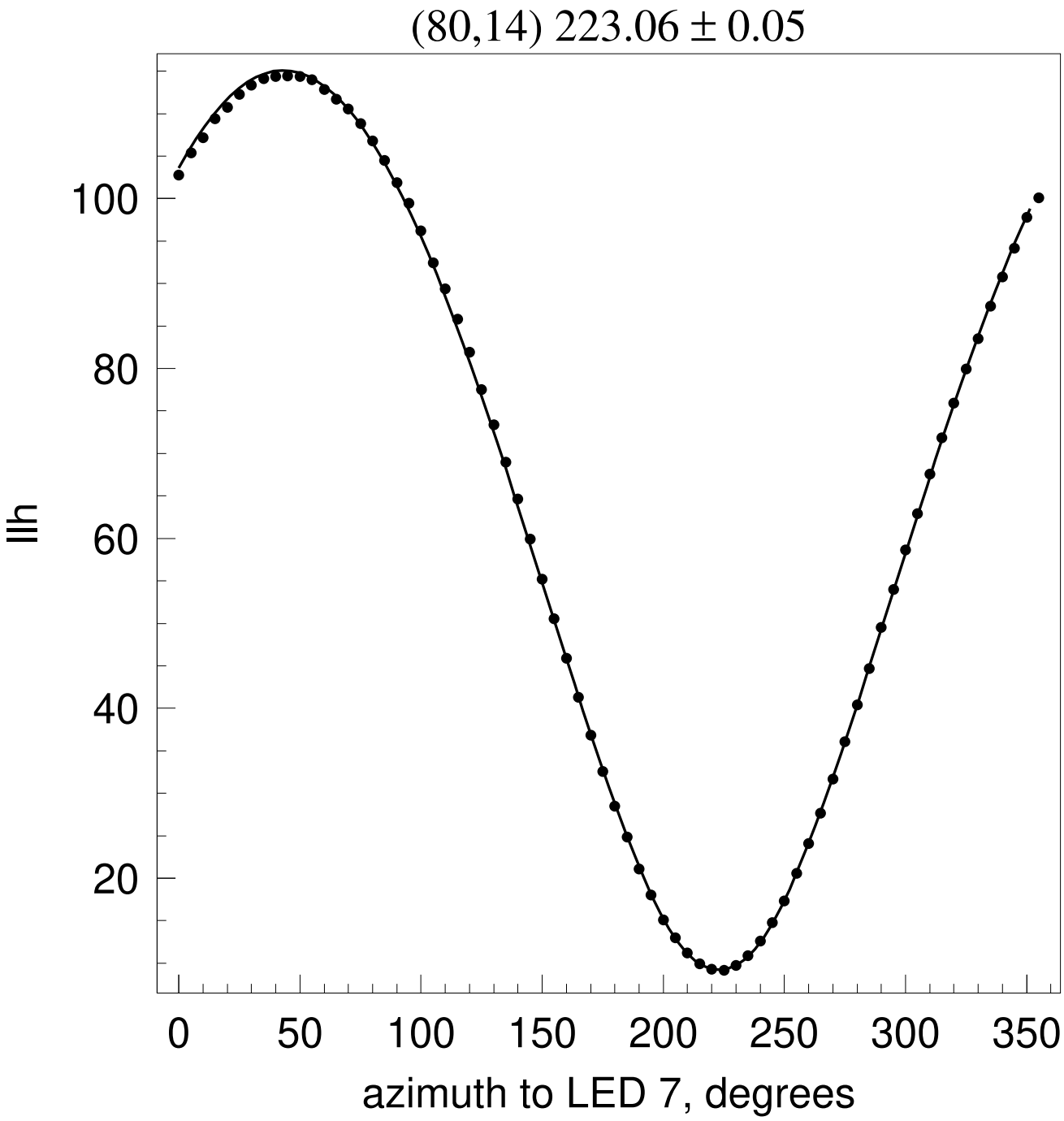

(80,9) 155.02 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

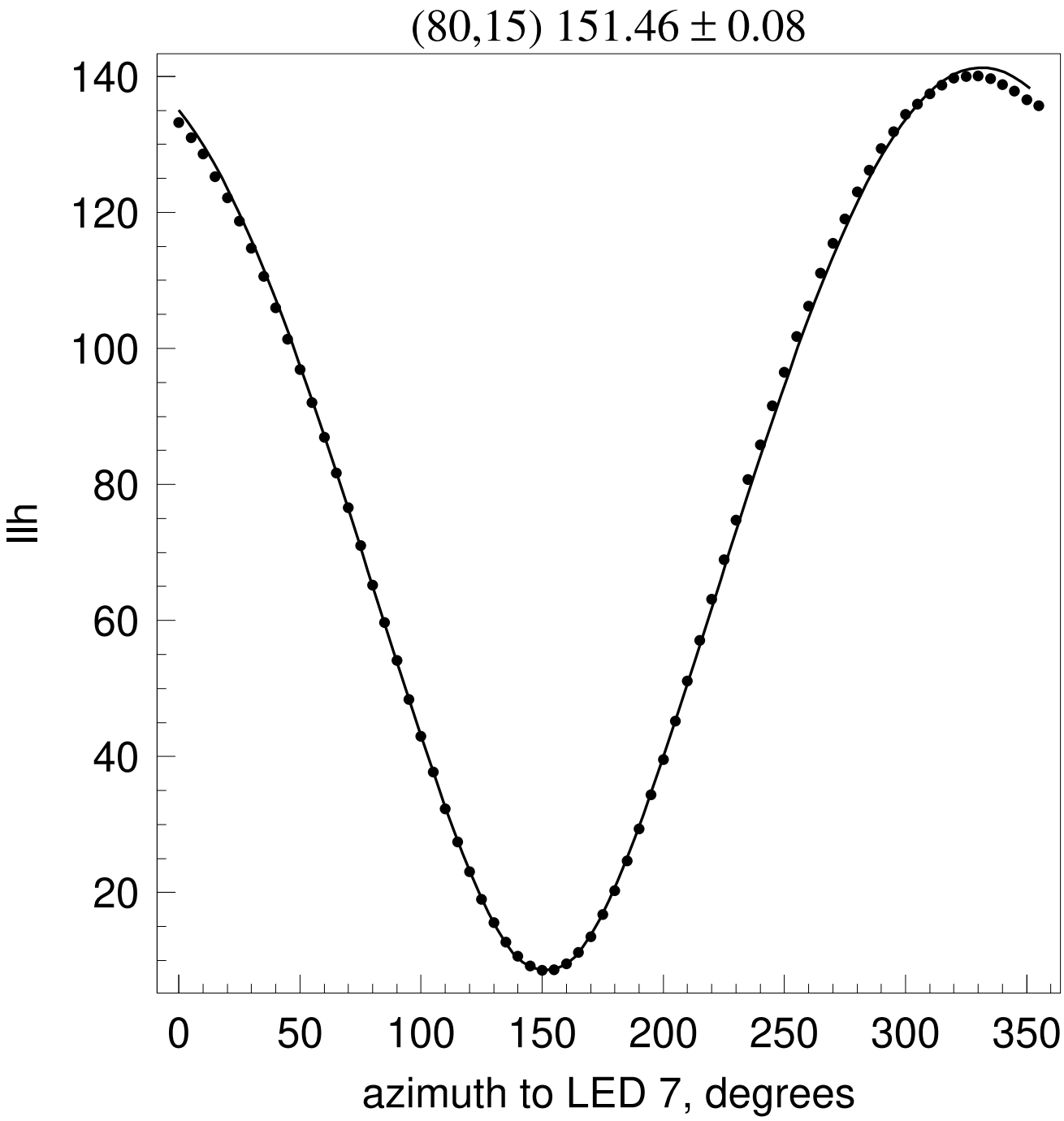

(80,10) 12.66 ± 0.04
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

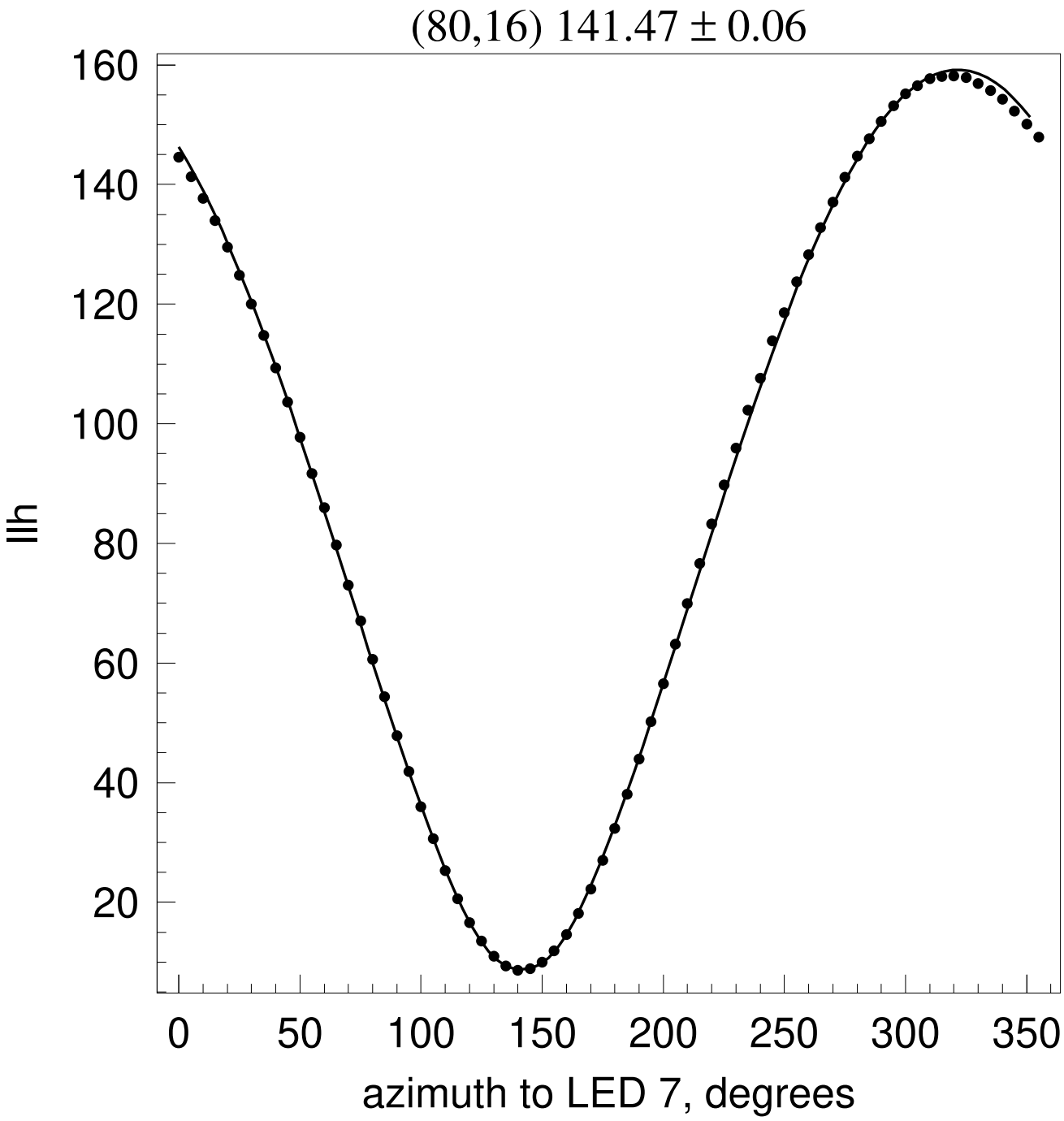

(80,11) 346.61 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

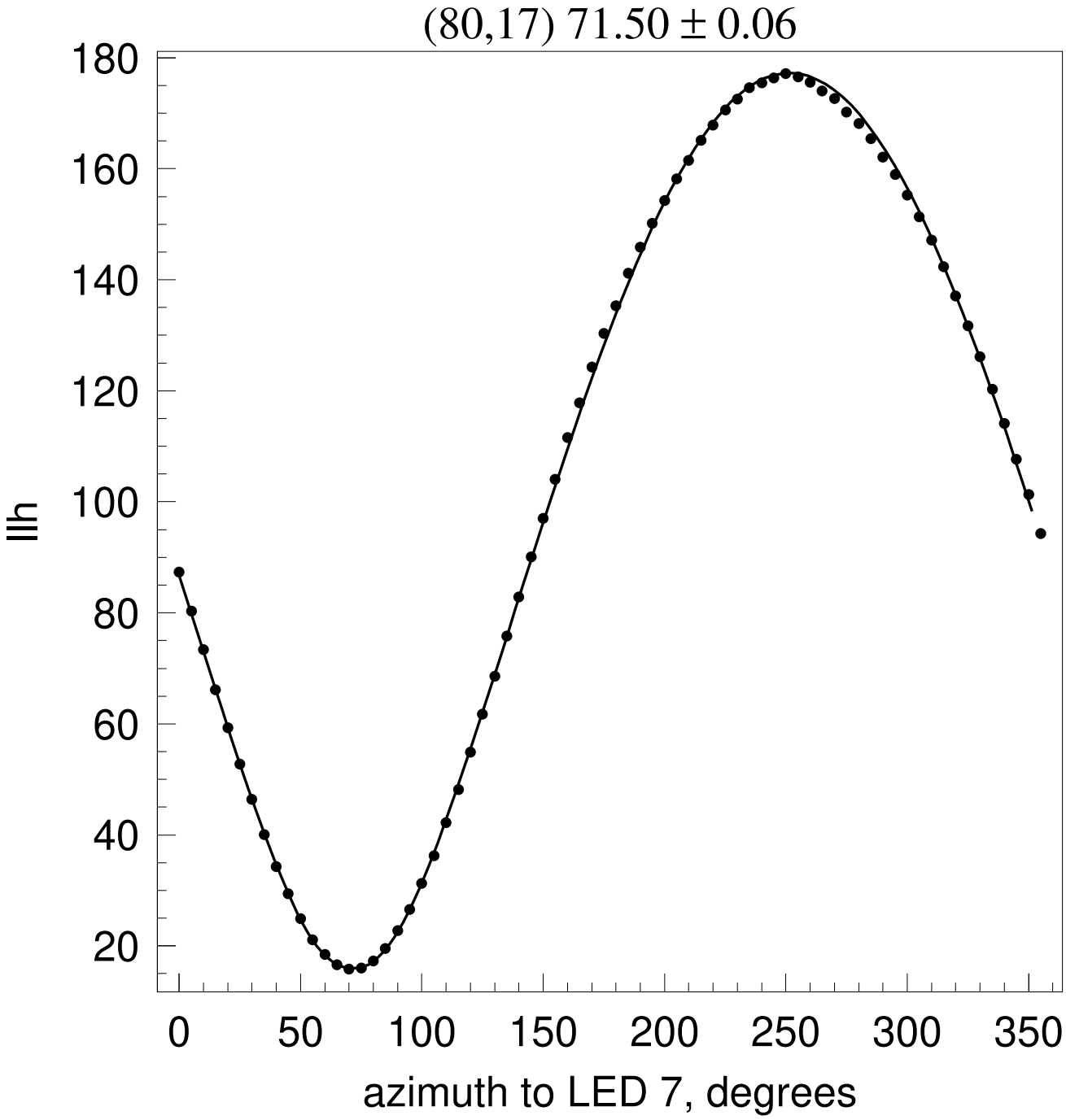

(80,12) 277.25 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

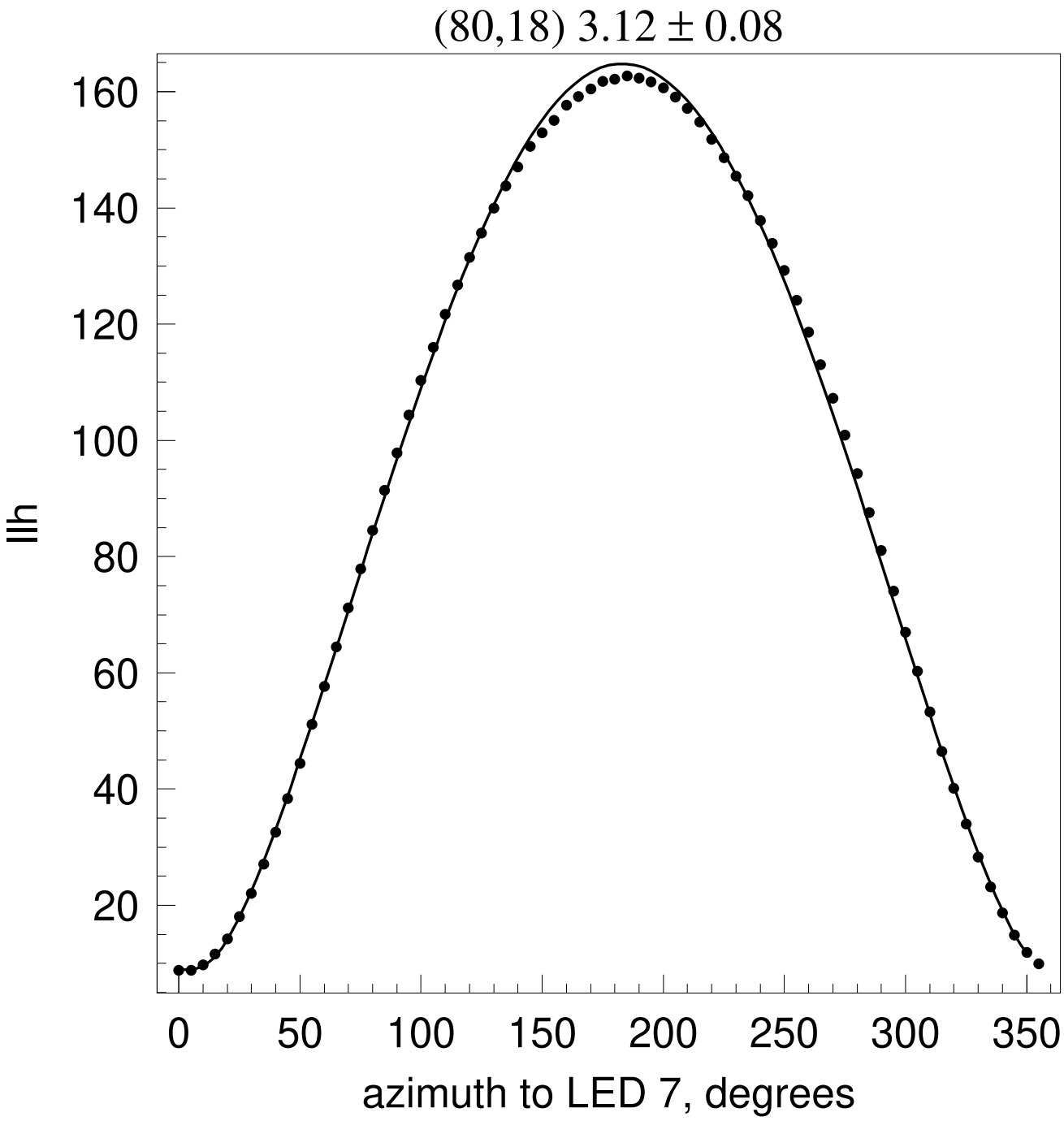

(80,13) 240.60 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

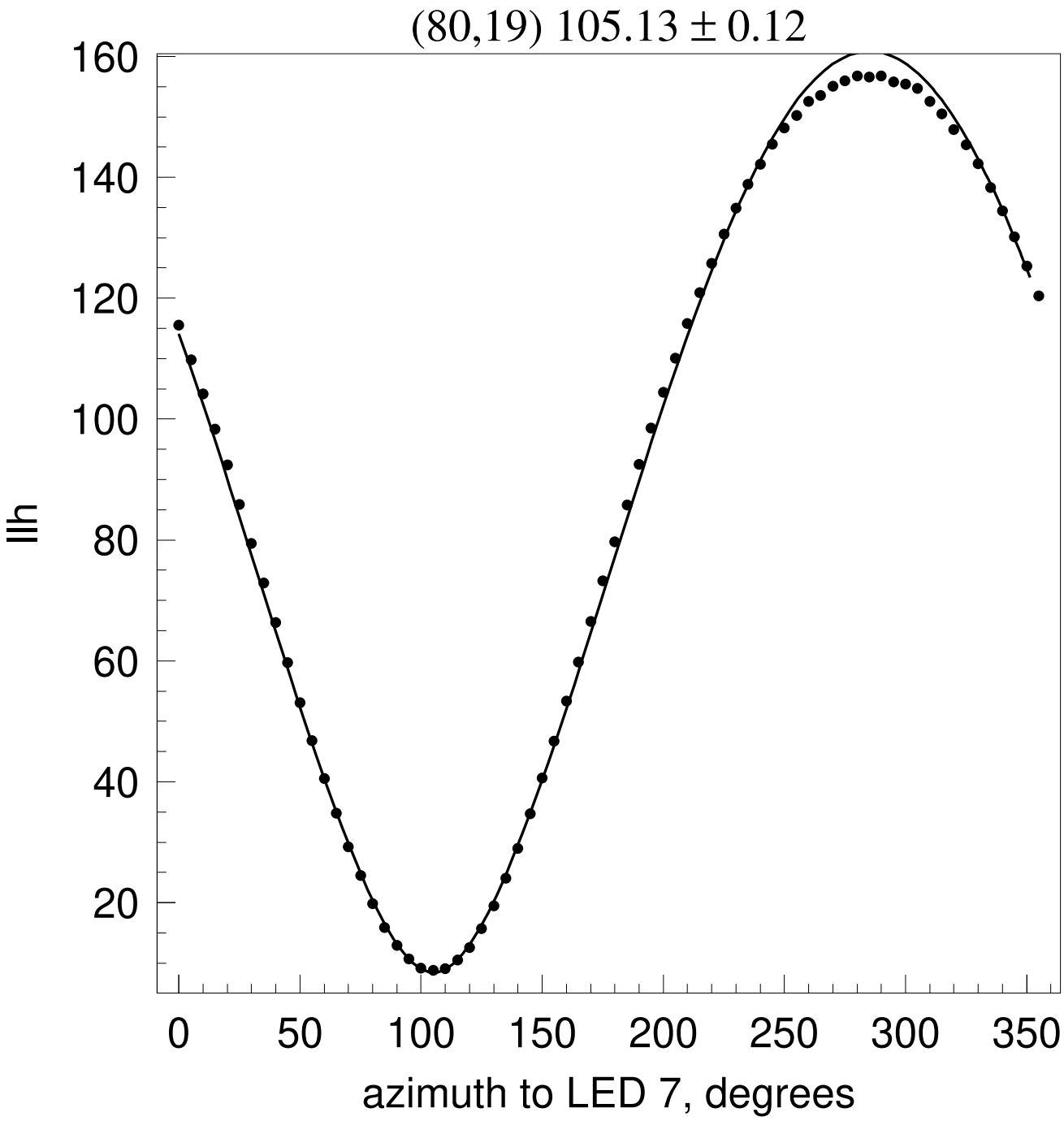

(80,14) 223.06 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

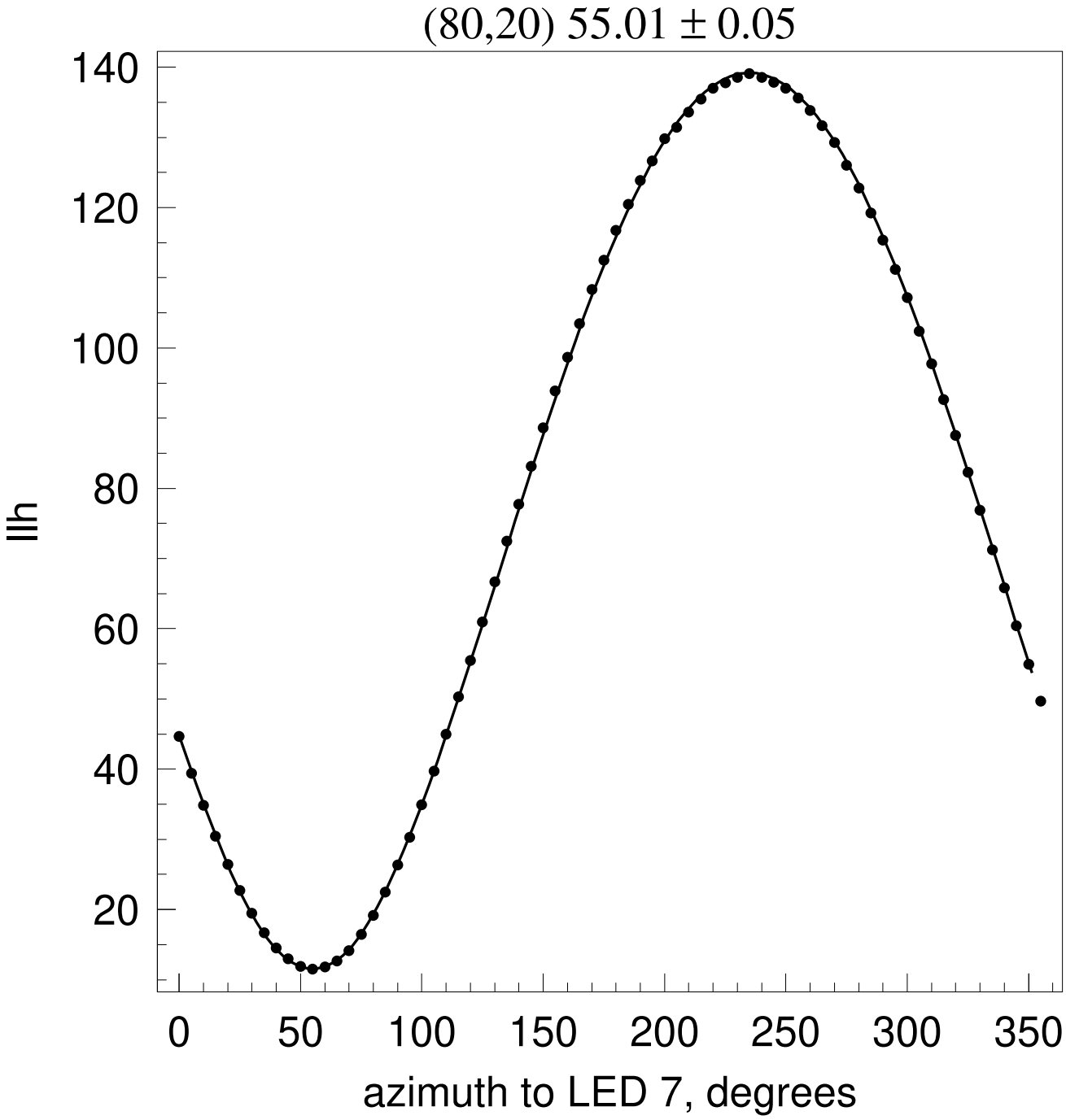

(80,15) 151.46 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

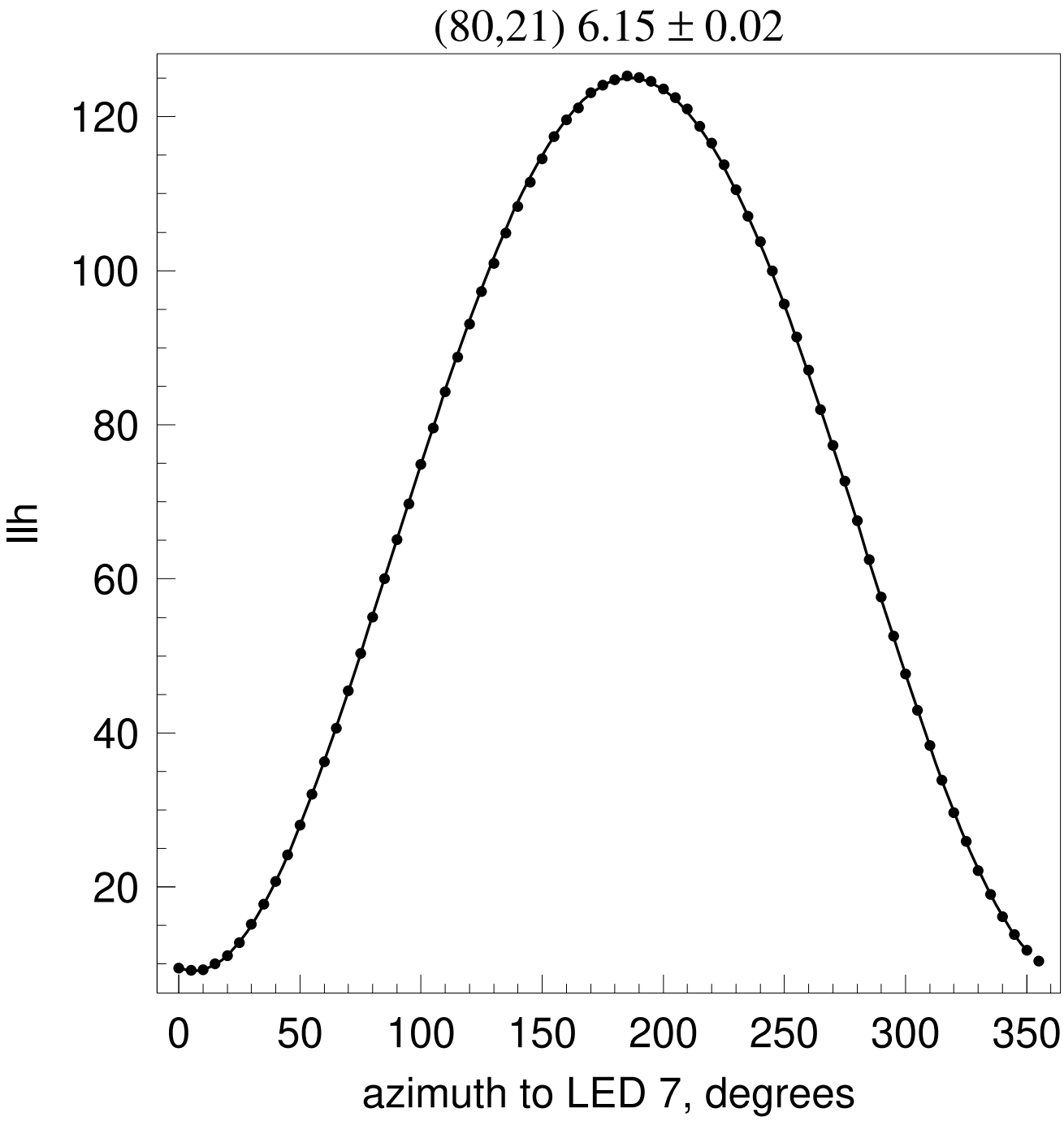

(80,16) 141.47 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

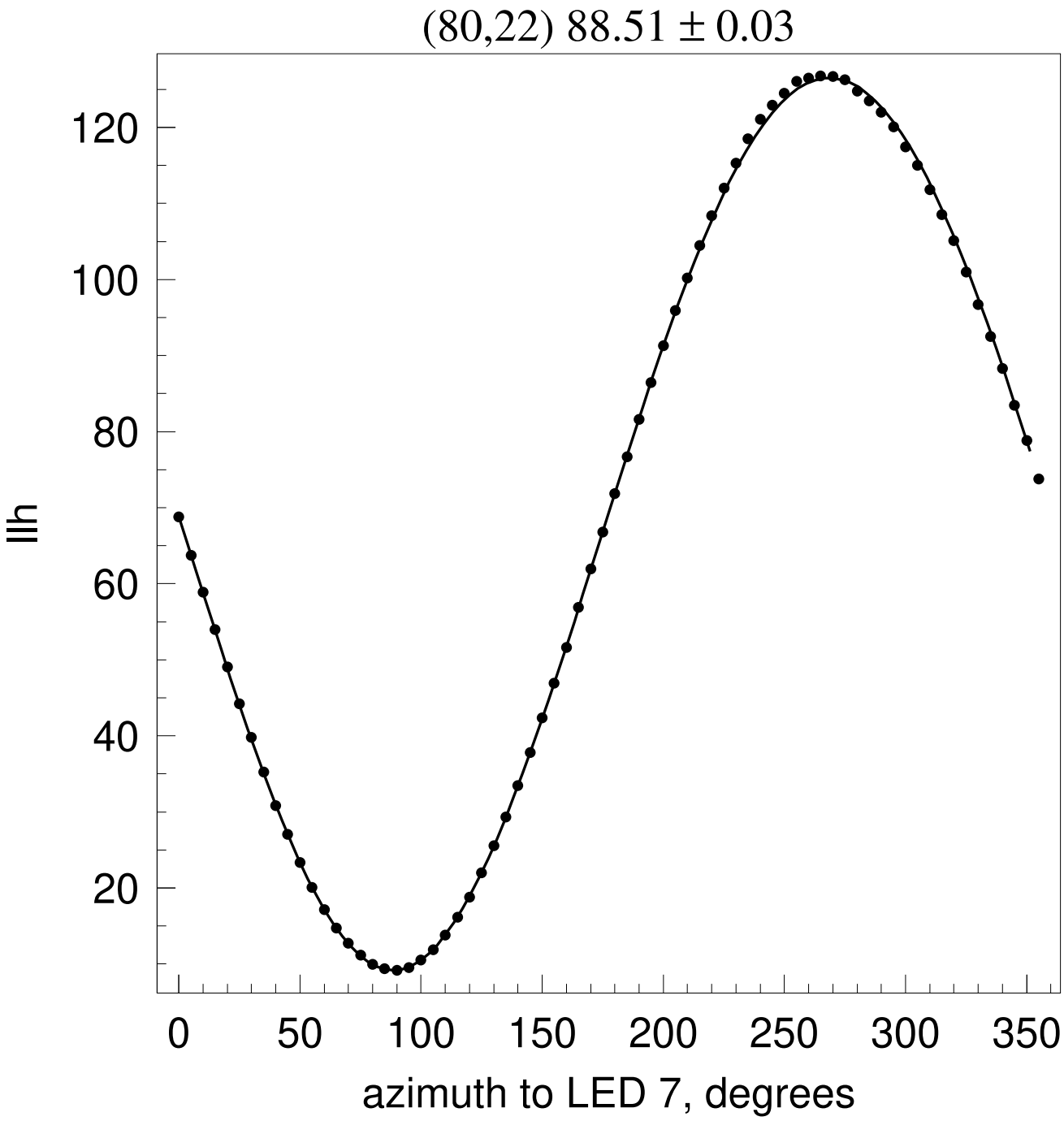

(80,17) 71.50 ± 0.06
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

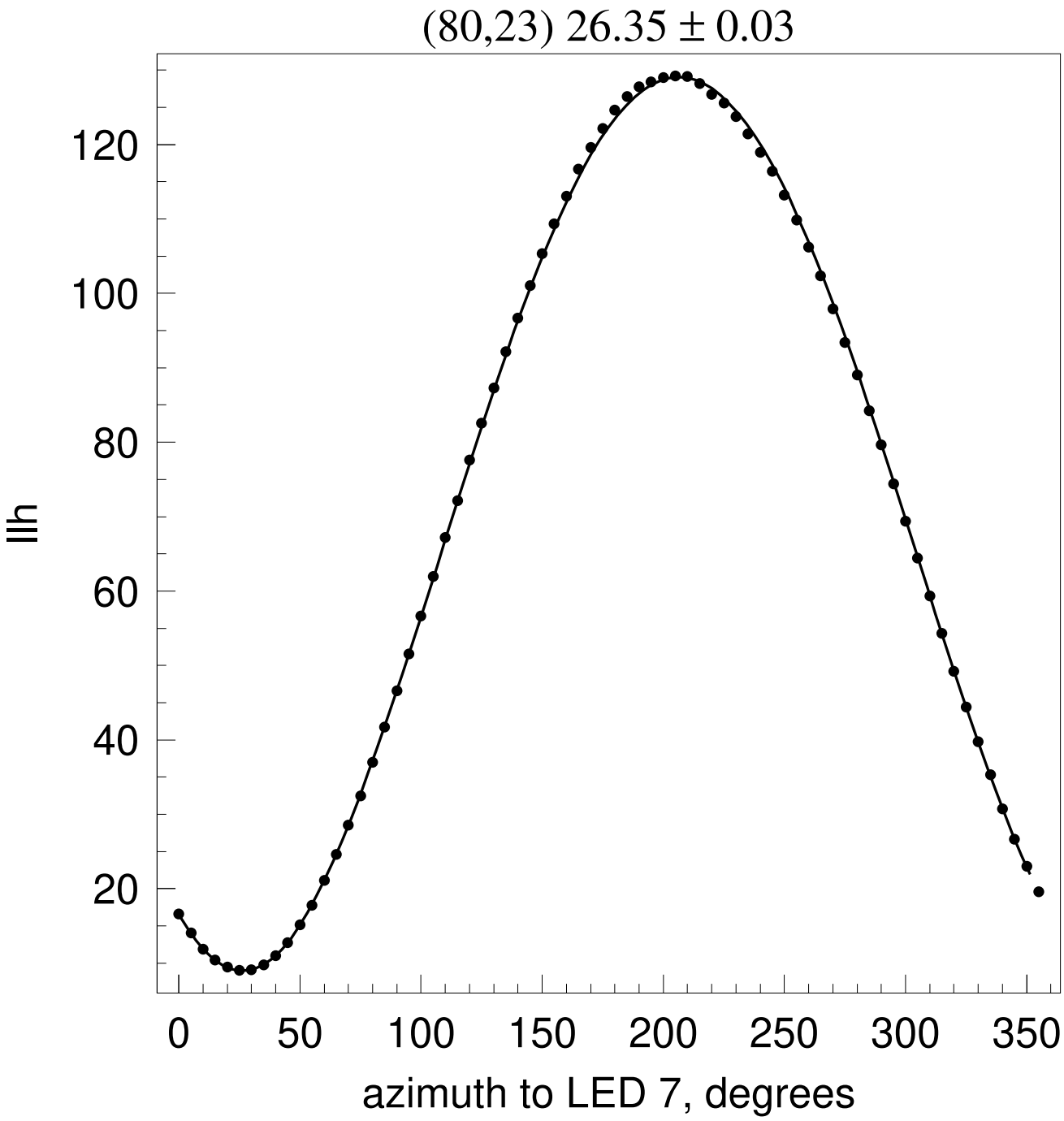

(80,18) 3.12 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

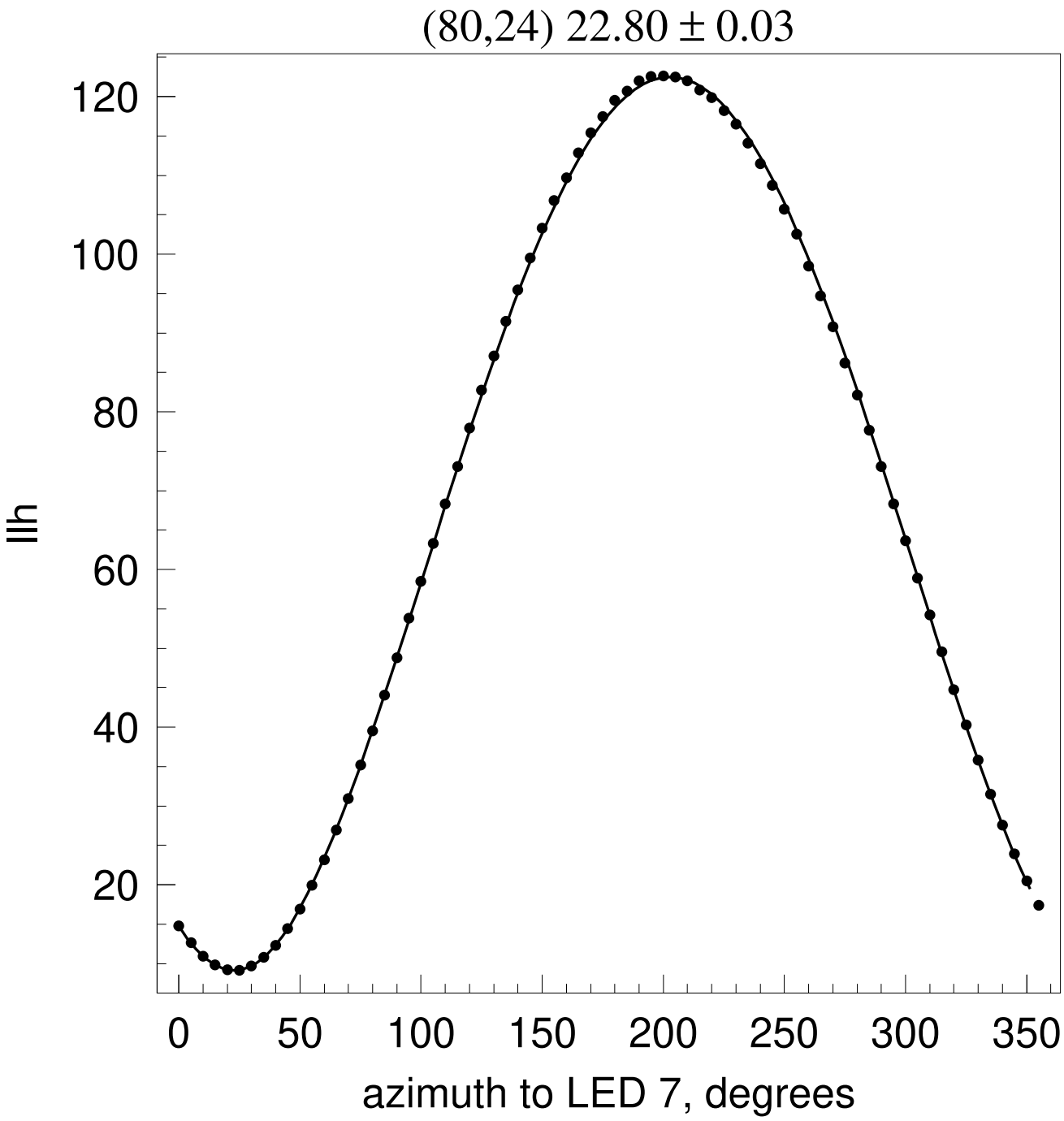

(80,19) 105.13 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

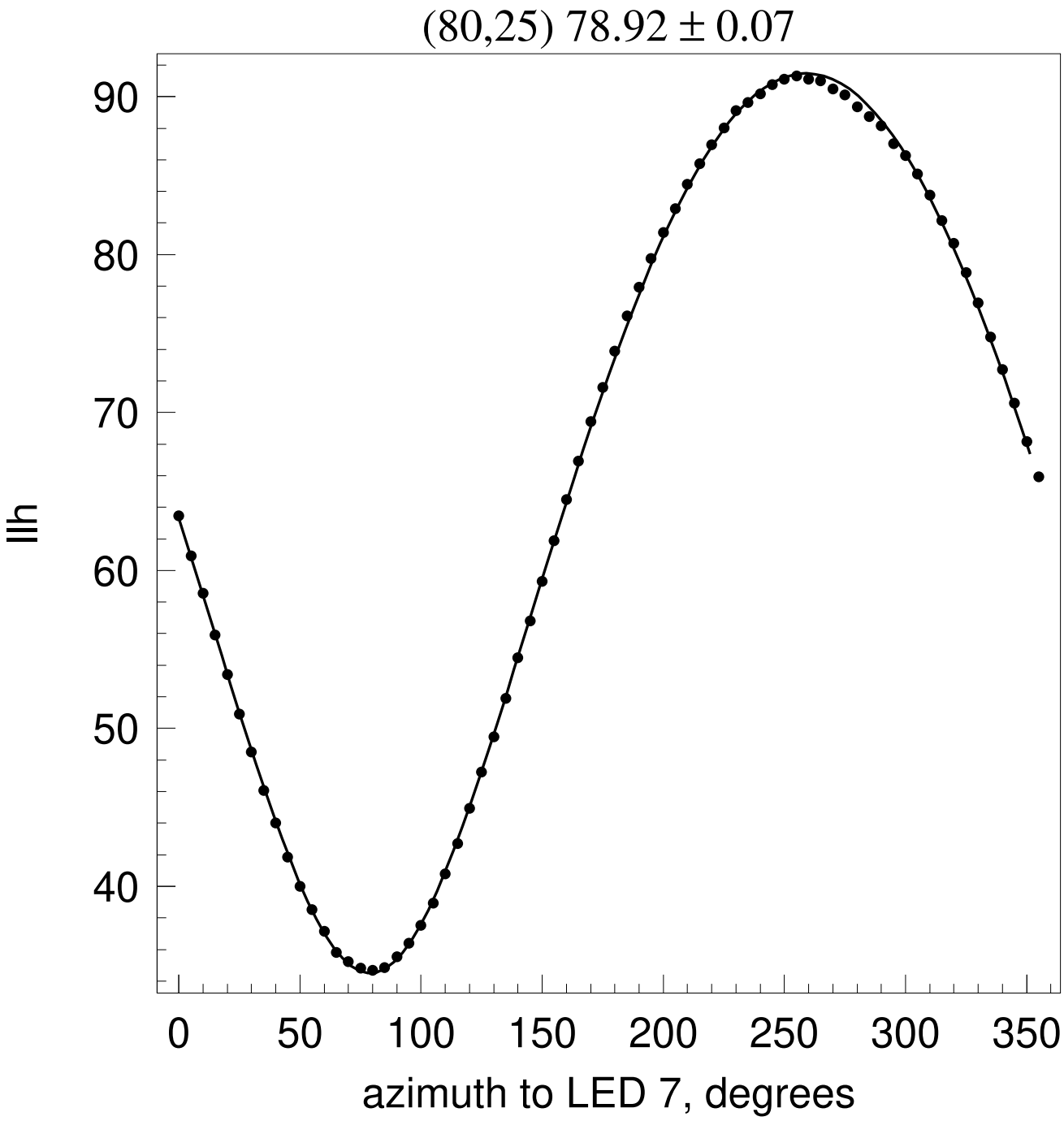

(80,20) 55.01 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

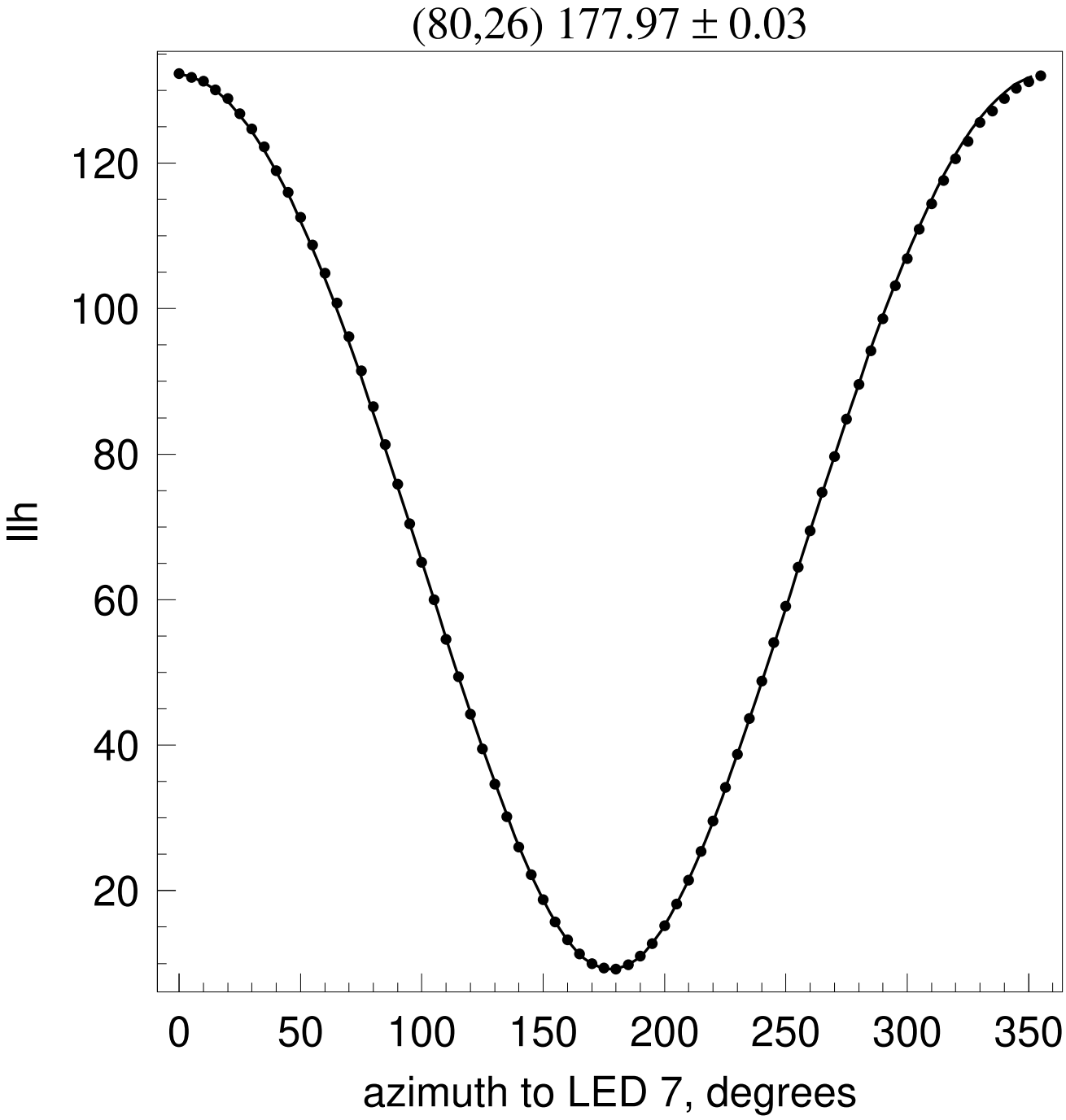

(80,21) 6.15 ± 0.02
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

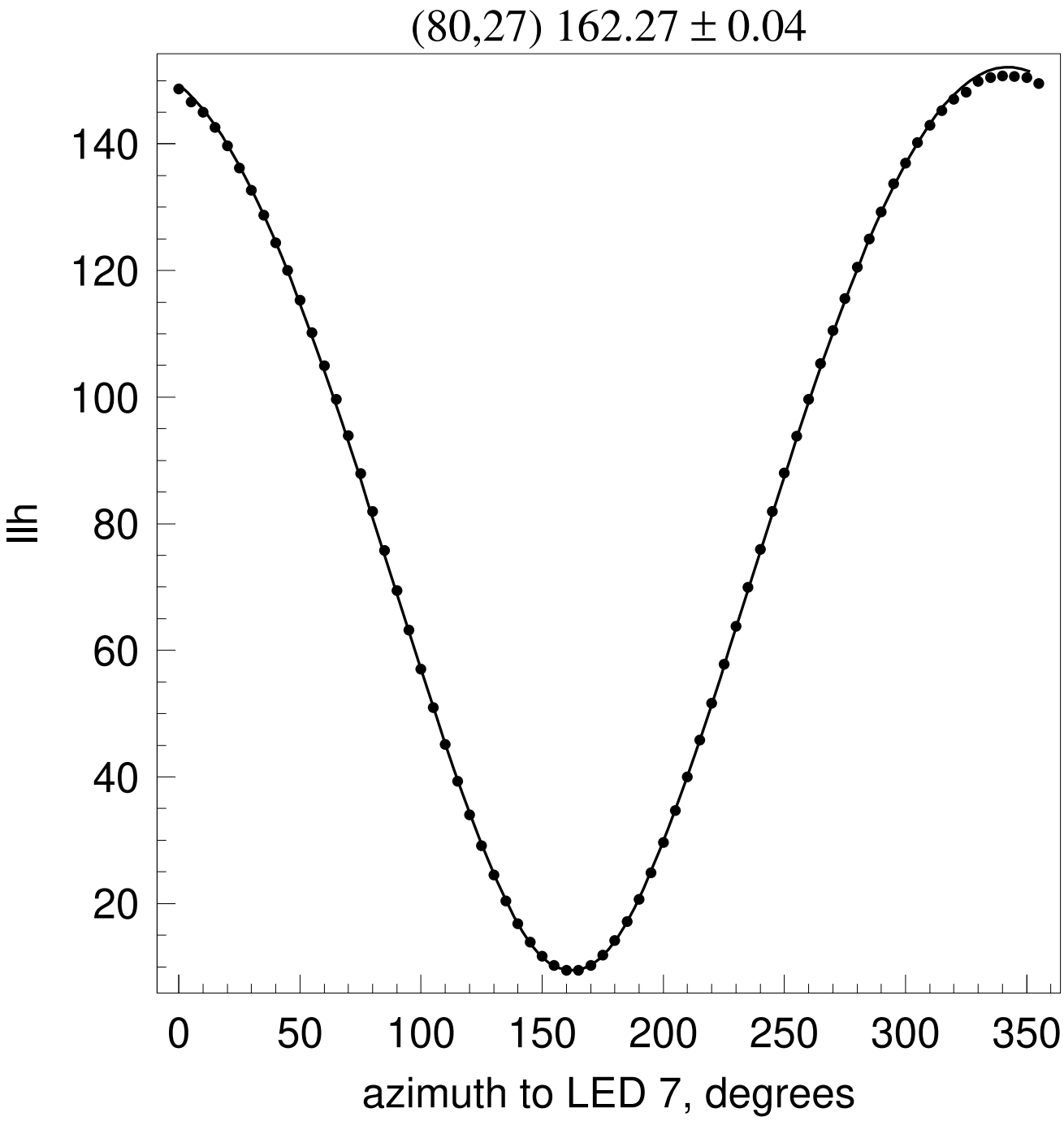

(80,22) 88.51 ± 0.03
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

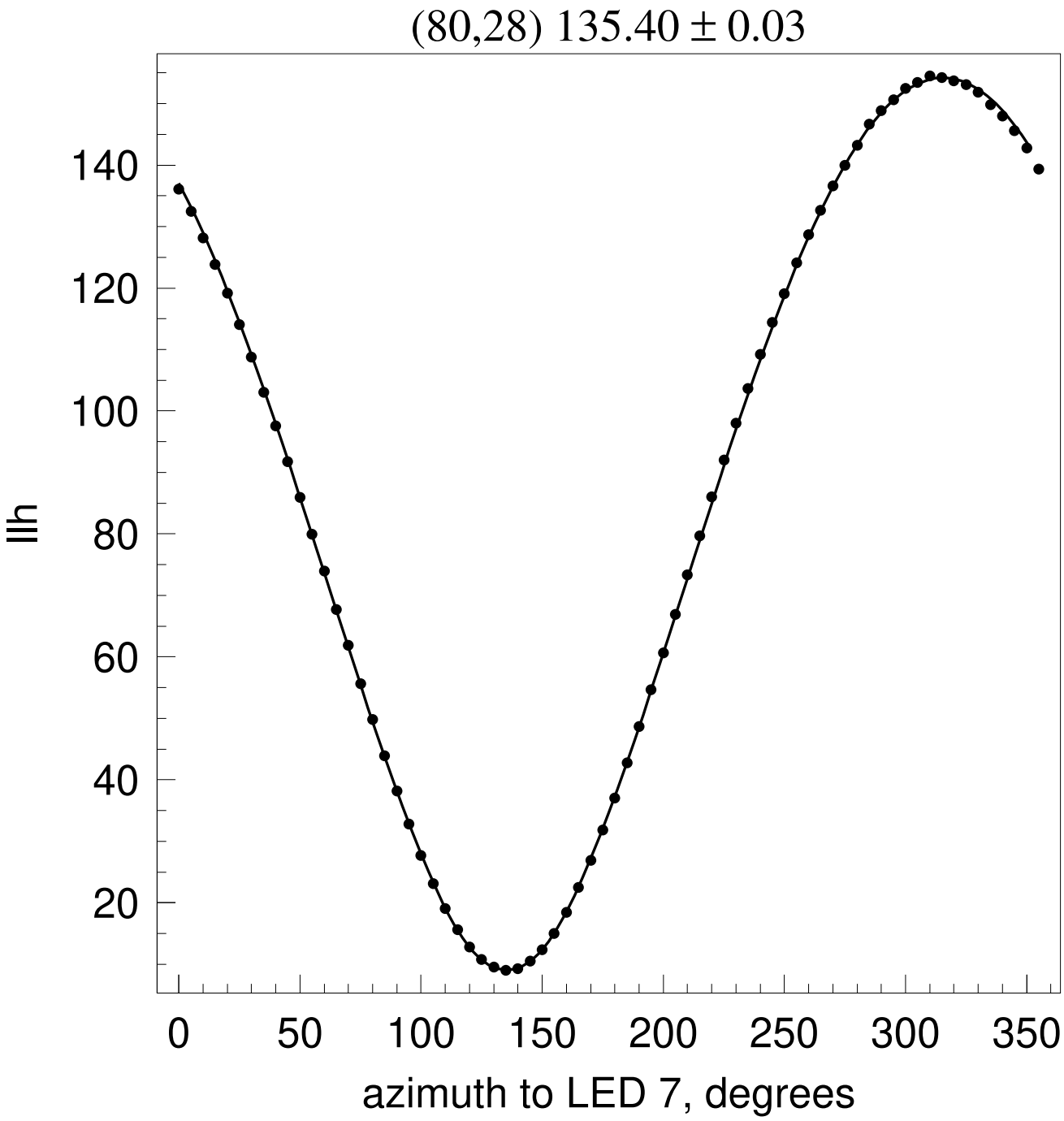

(80,23) 26.35 ± 0.03
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

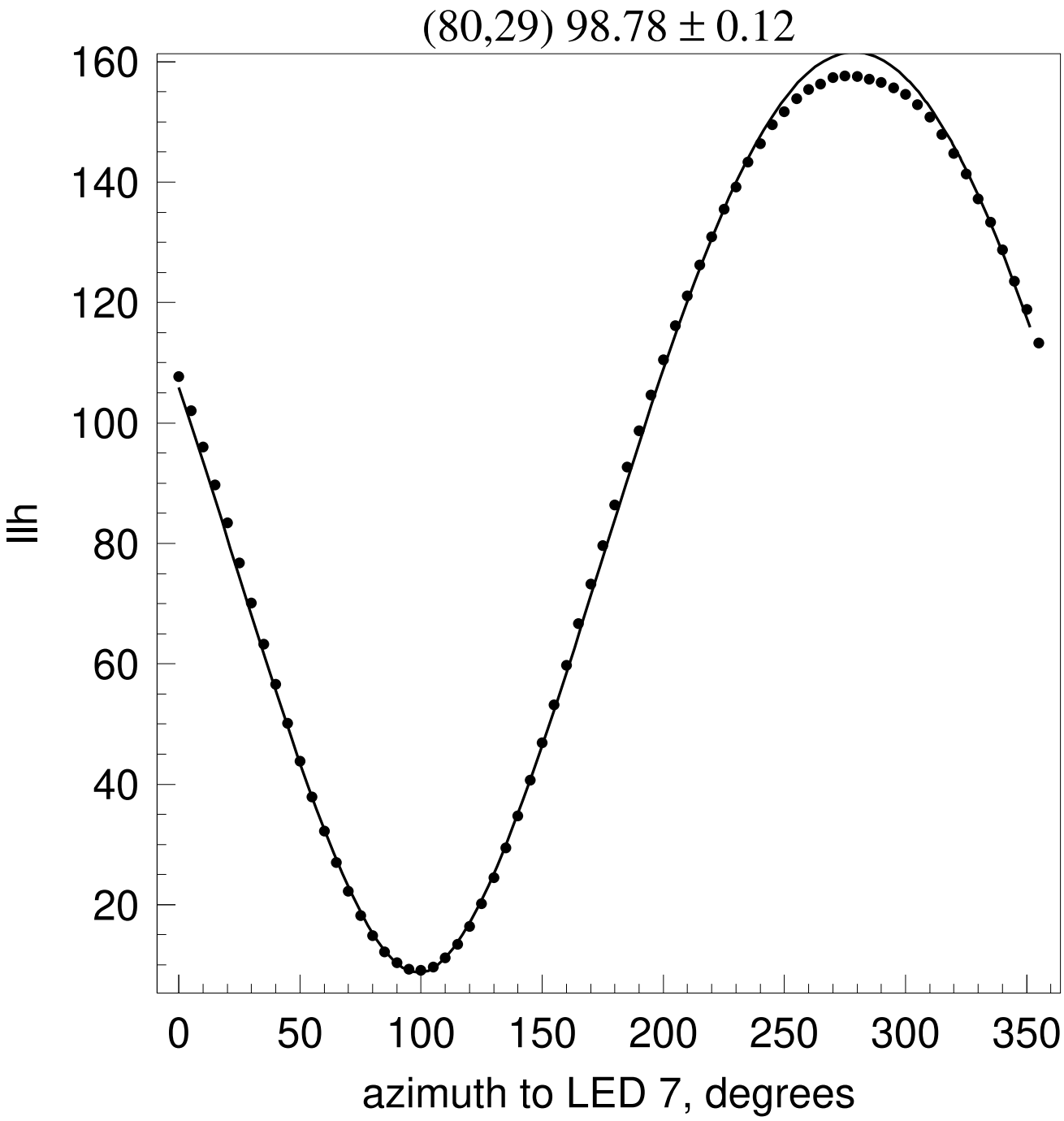

(80,24) 22.80 ± 0.03
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

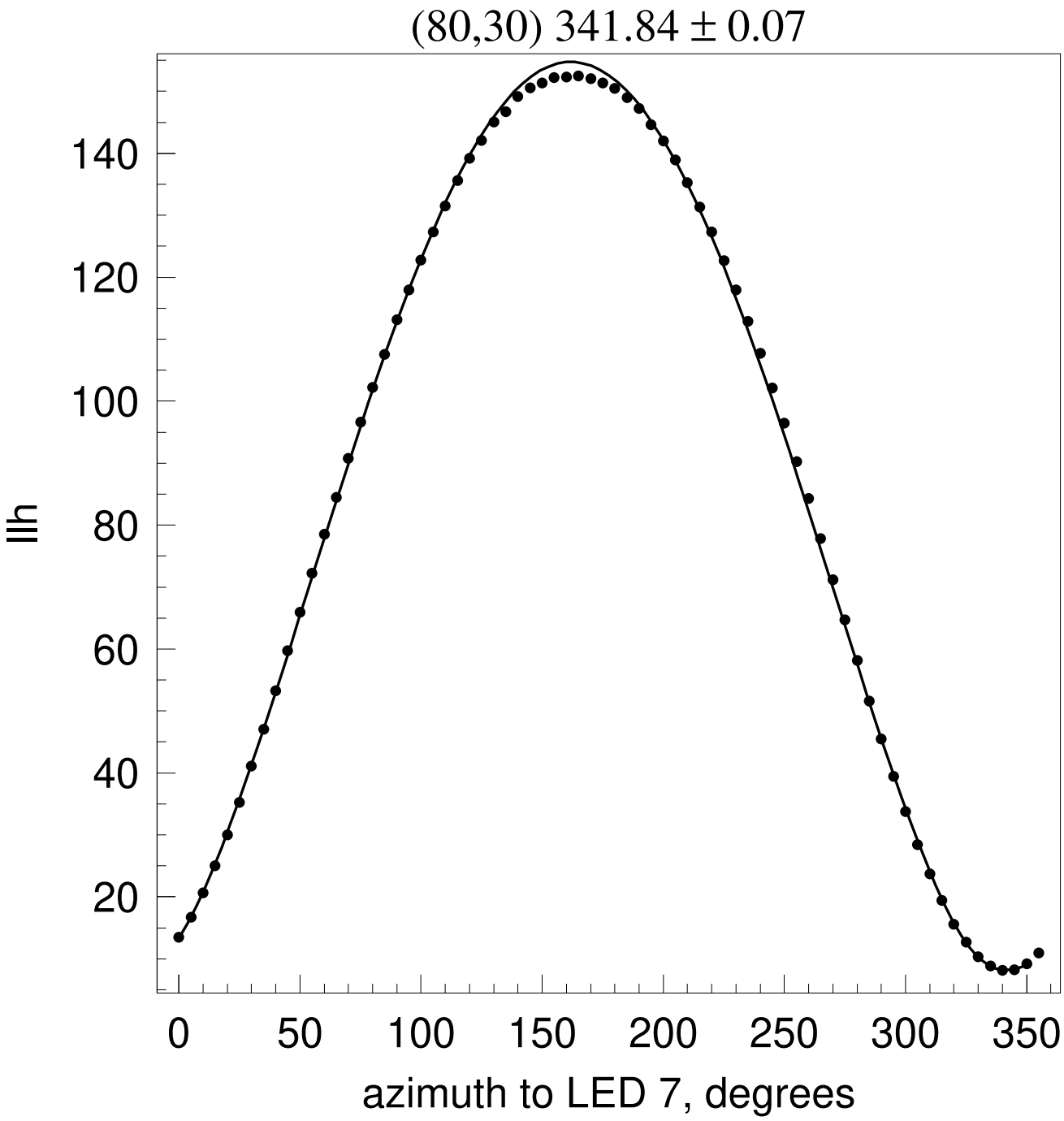

(80,25) 78.92 ± 0.07
90
80
70
60
50
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

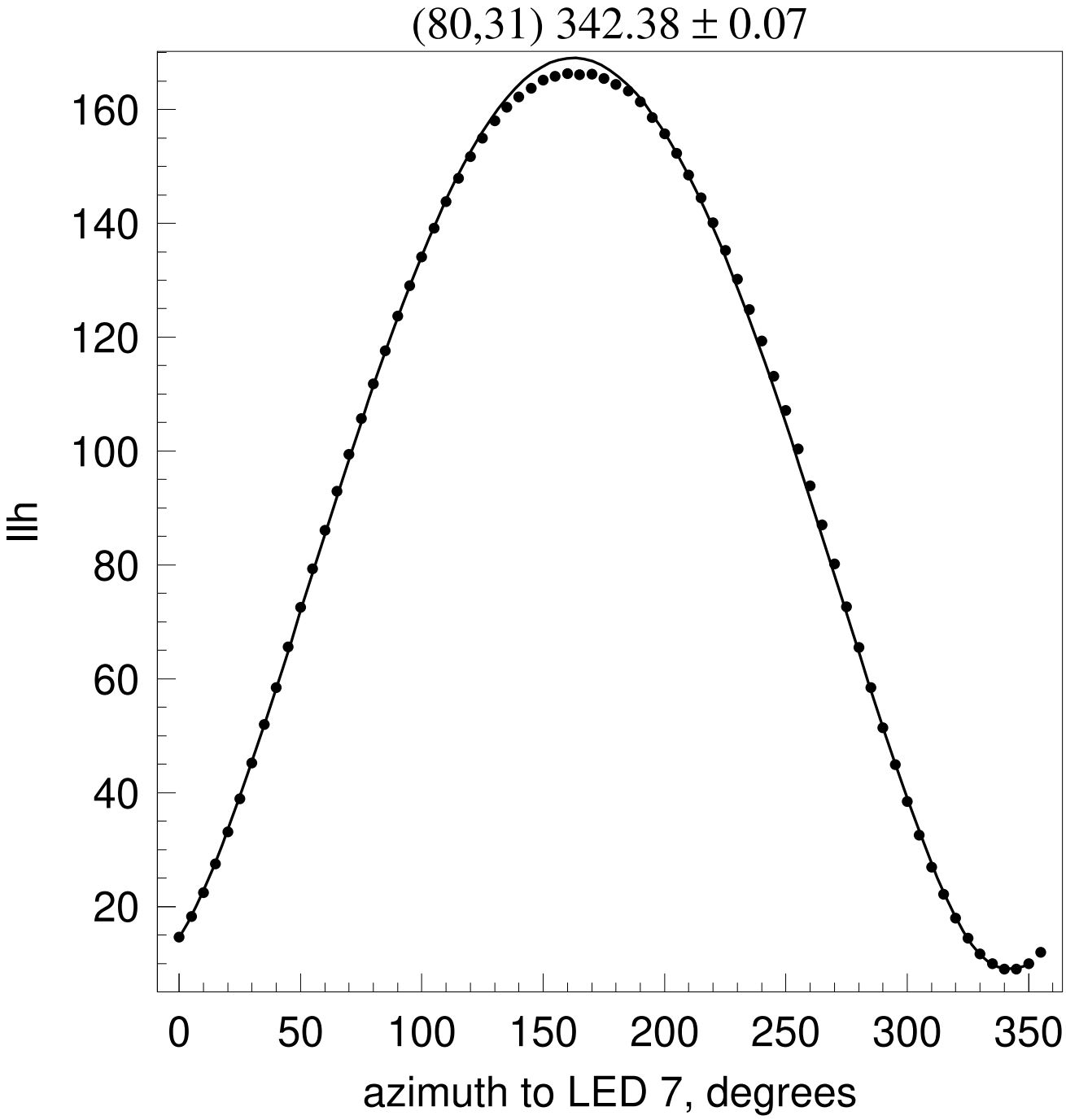

(80,26) 177.97 ± 0.03
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

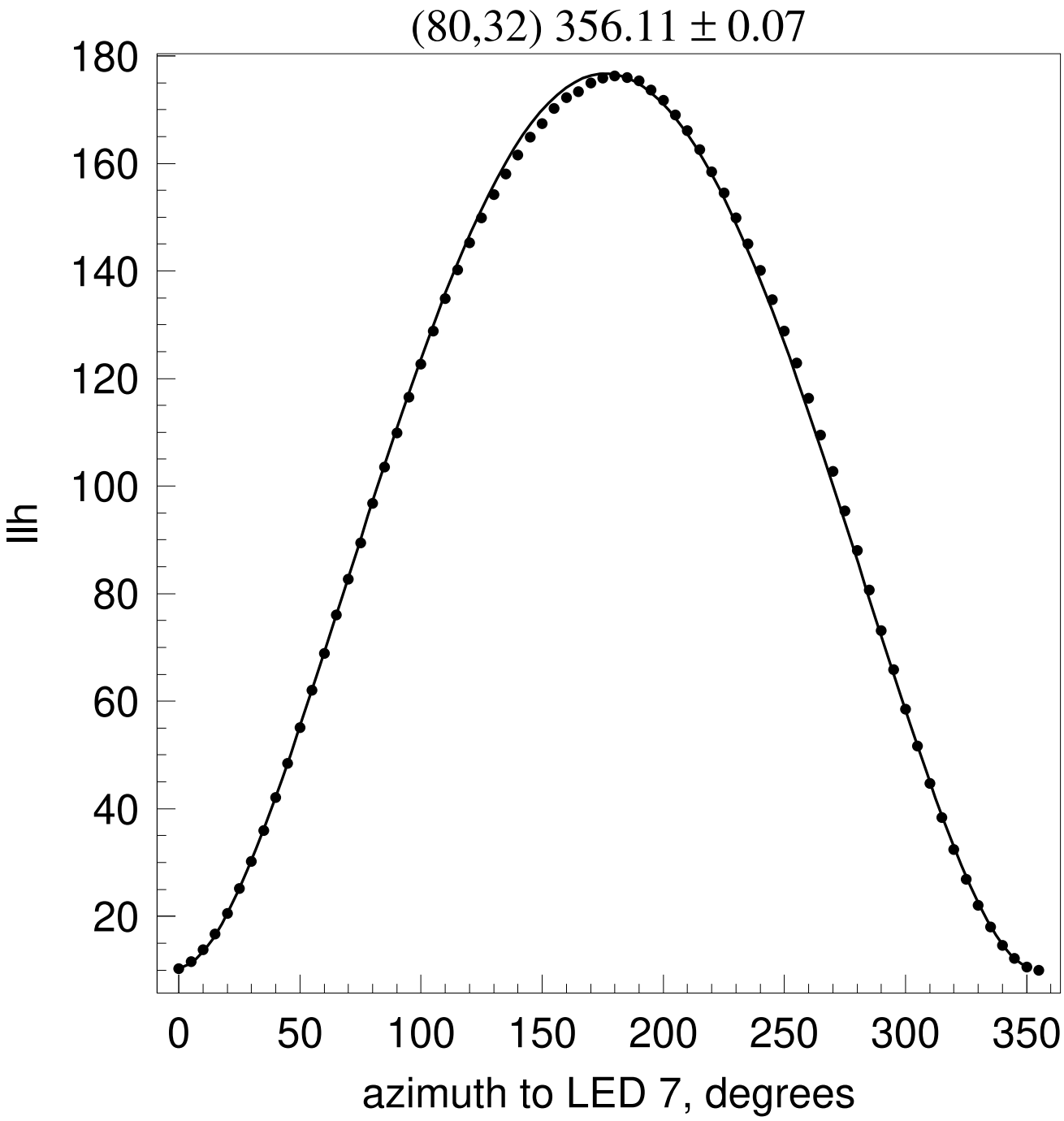

(80,27) 162.27 ± 0.04
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

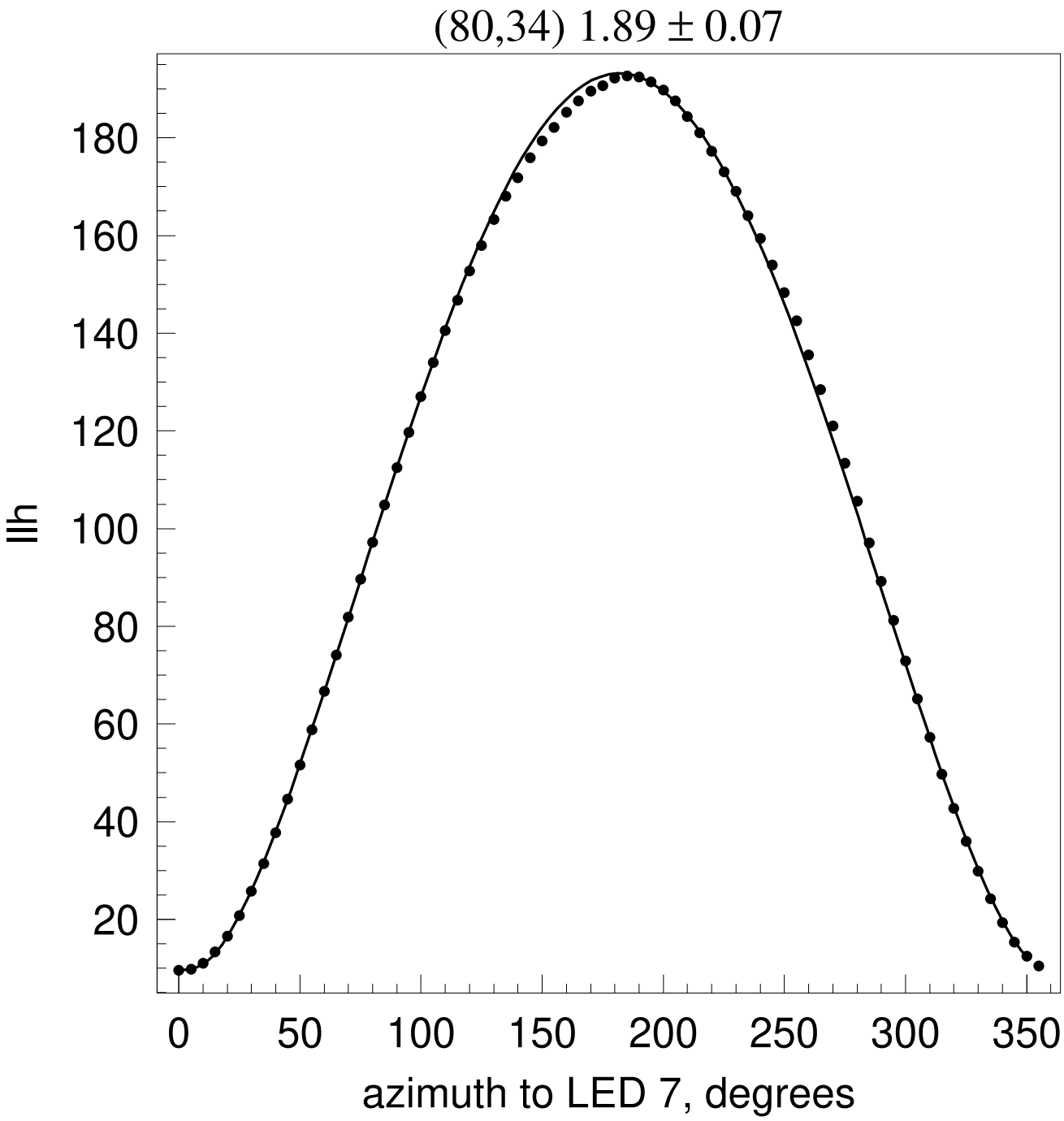

(80,28) 135.40 ± 0.03
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

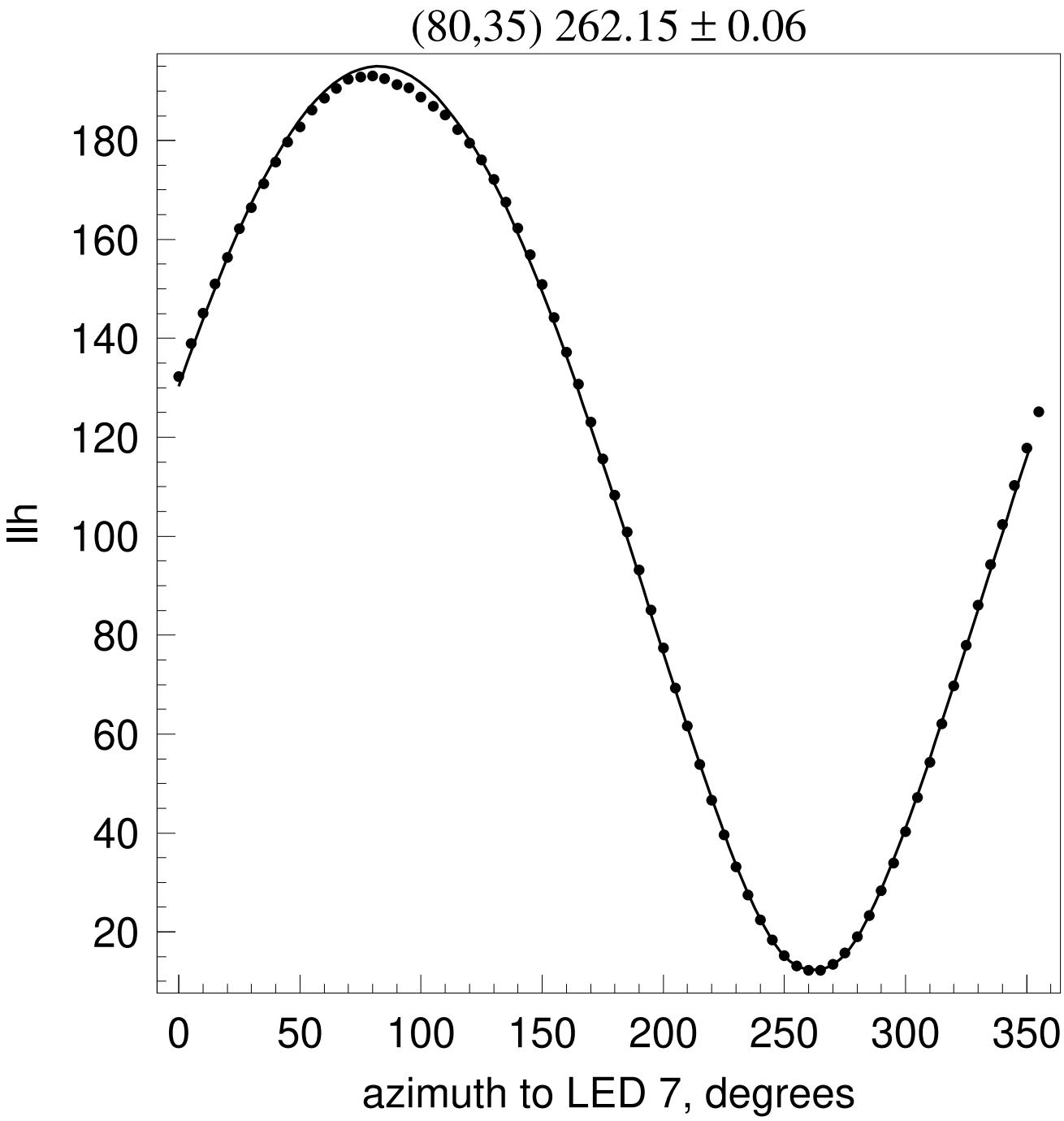

(80,29) 98.78 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

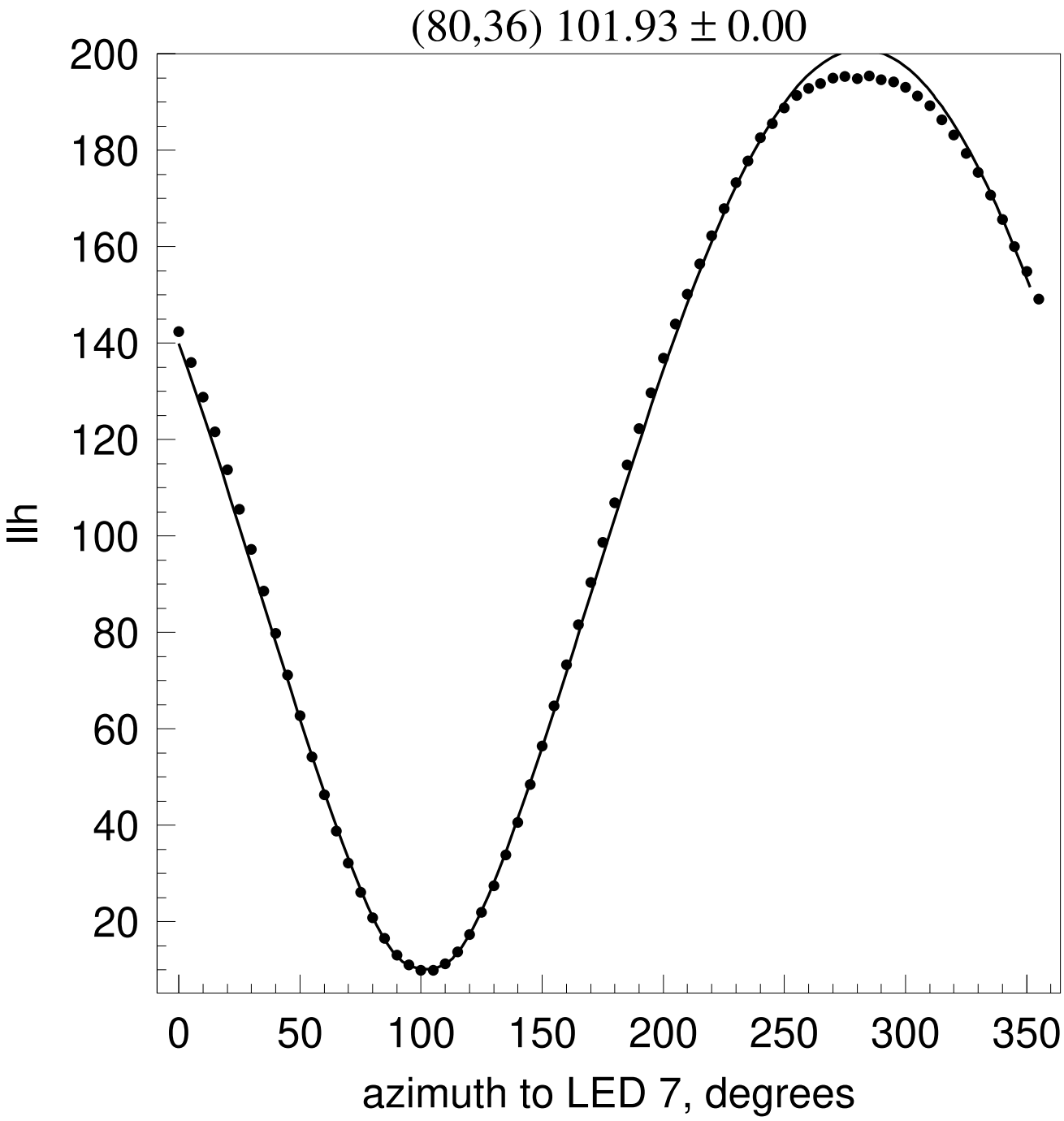

(80,30) 341.84 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

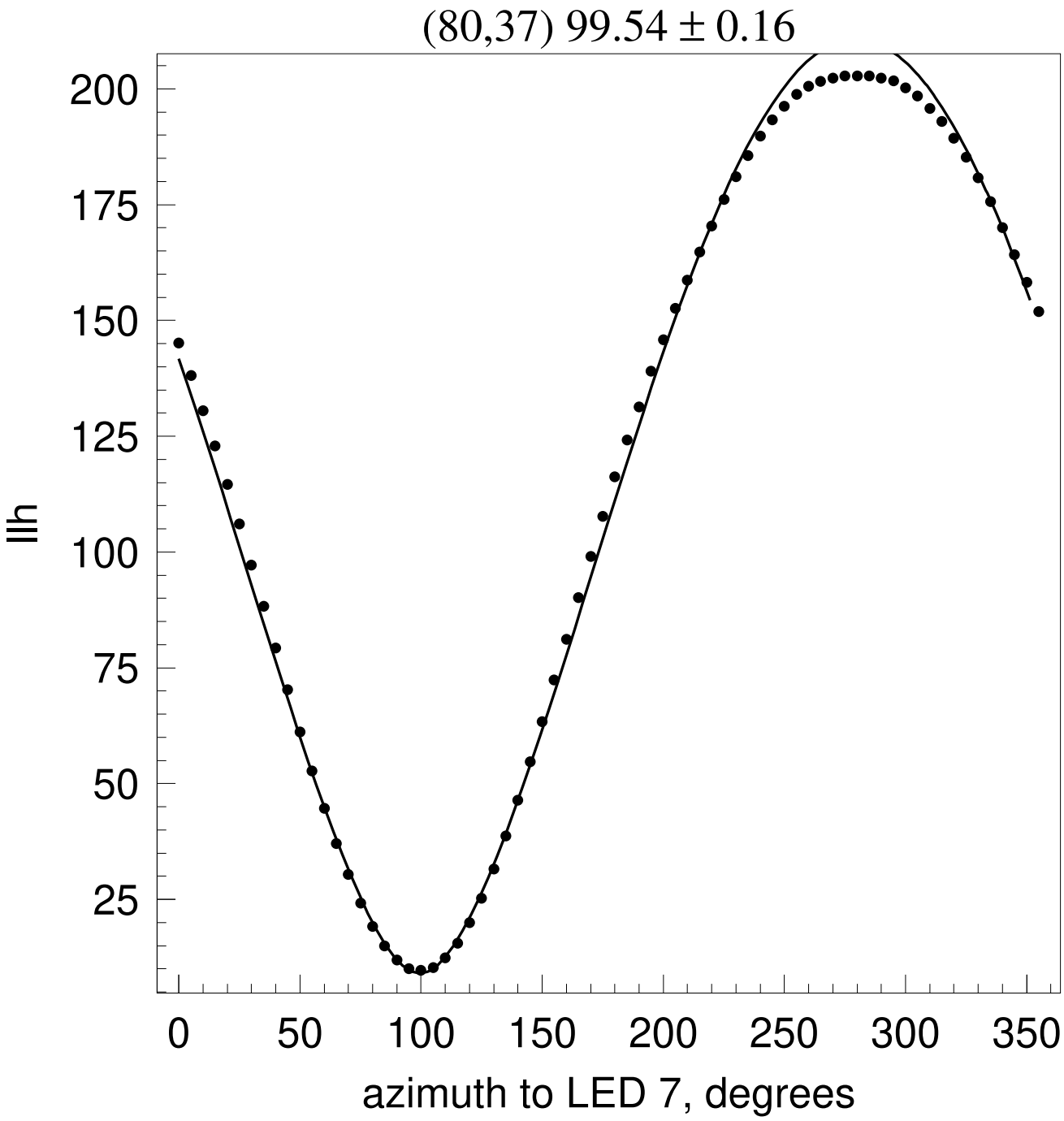

(80,31) 342.38 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

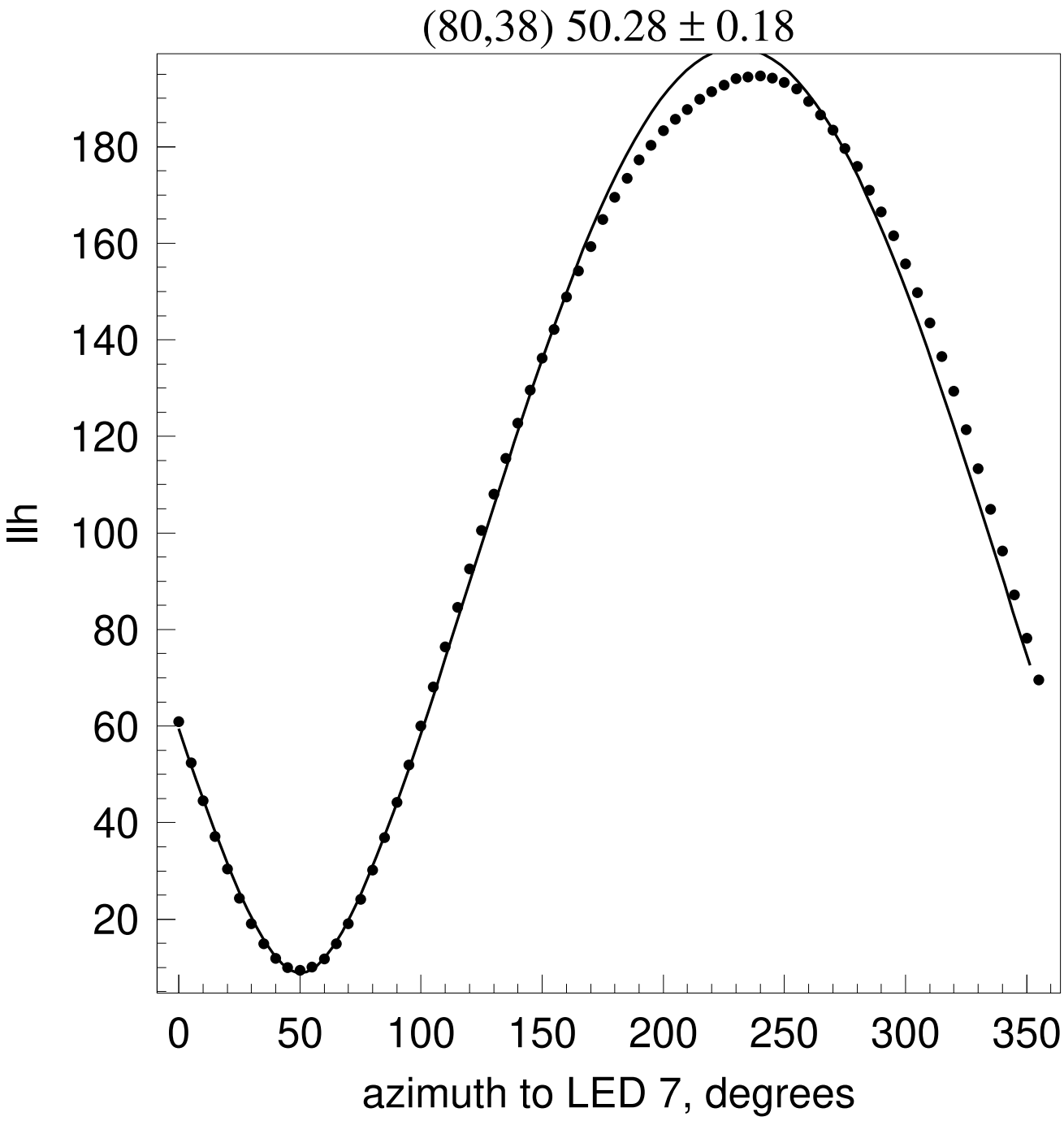

(80,32) 356.11 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

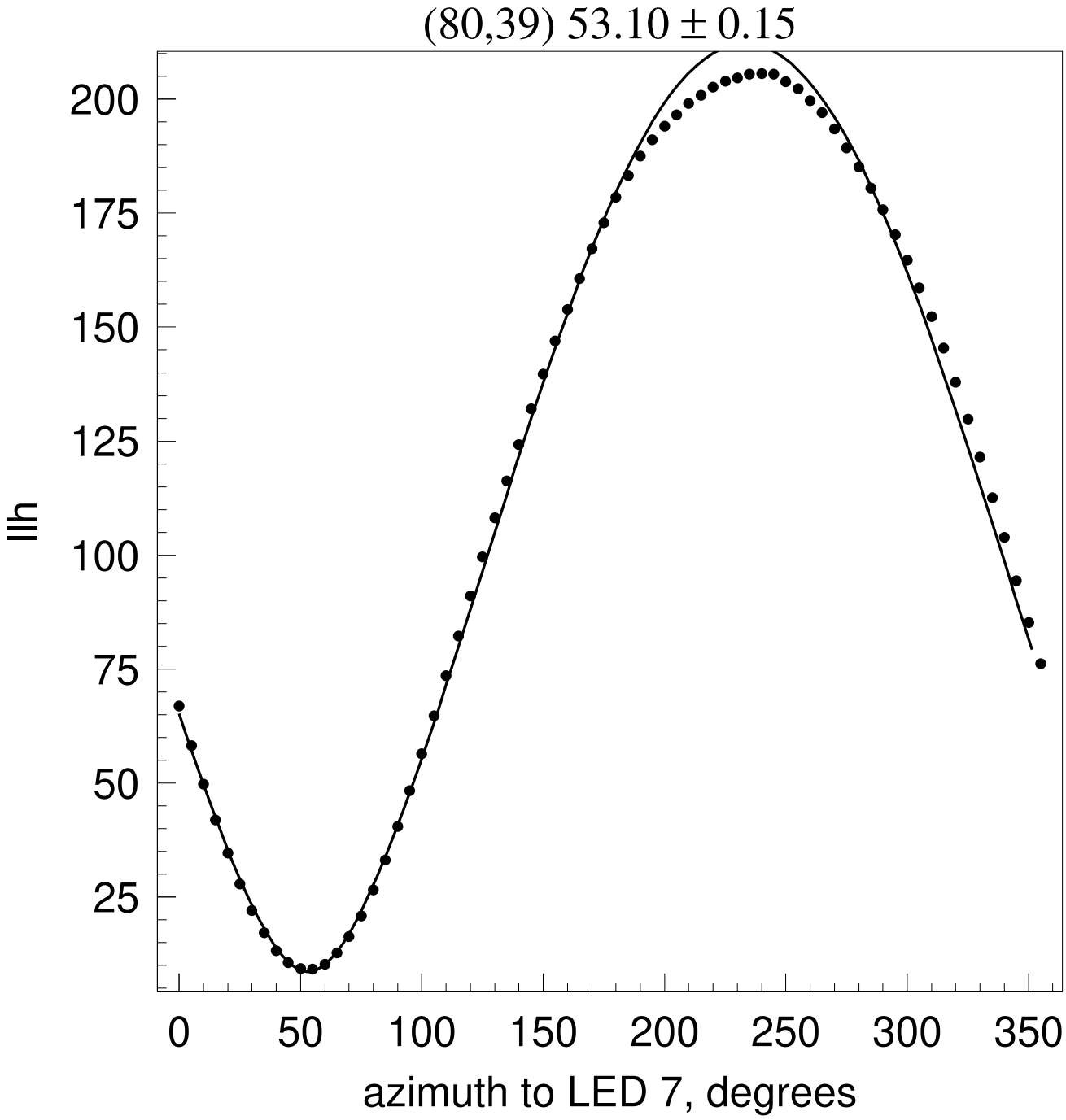

(80,34) 1.89 ± 0.07
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

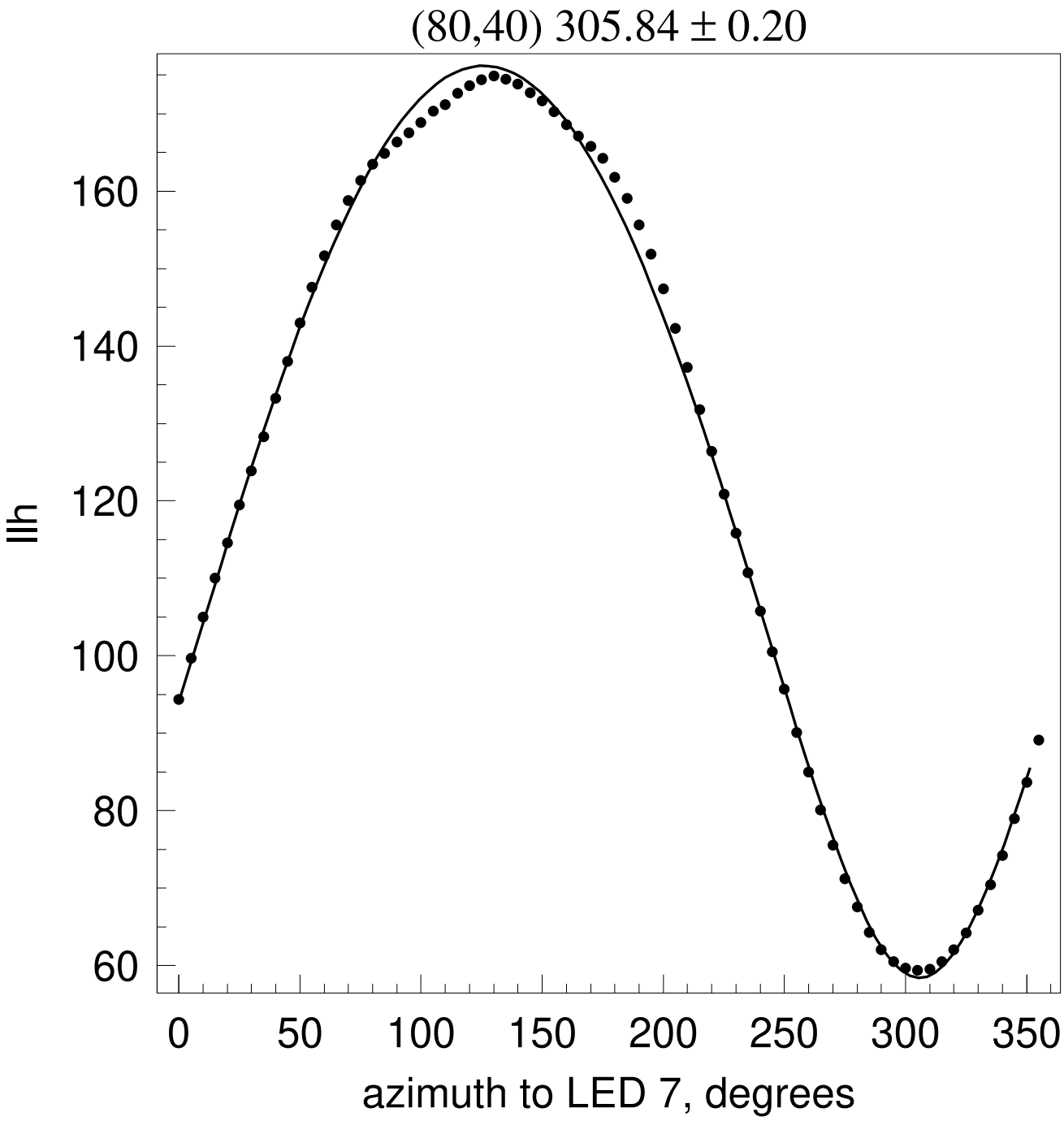

(80,35) 262.15 ± 0.06
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

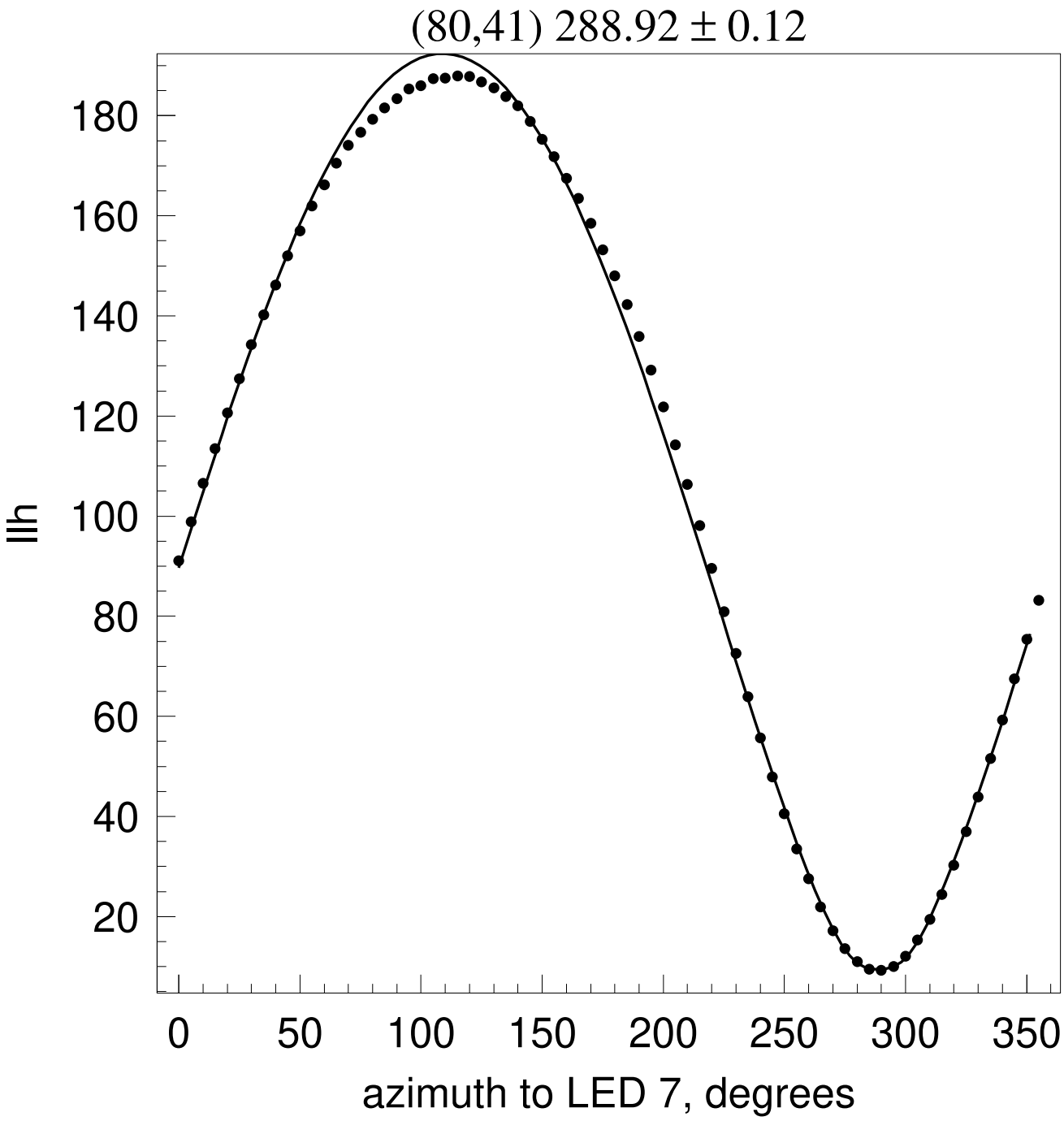

(80,36) 101.93 ± 0.00
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

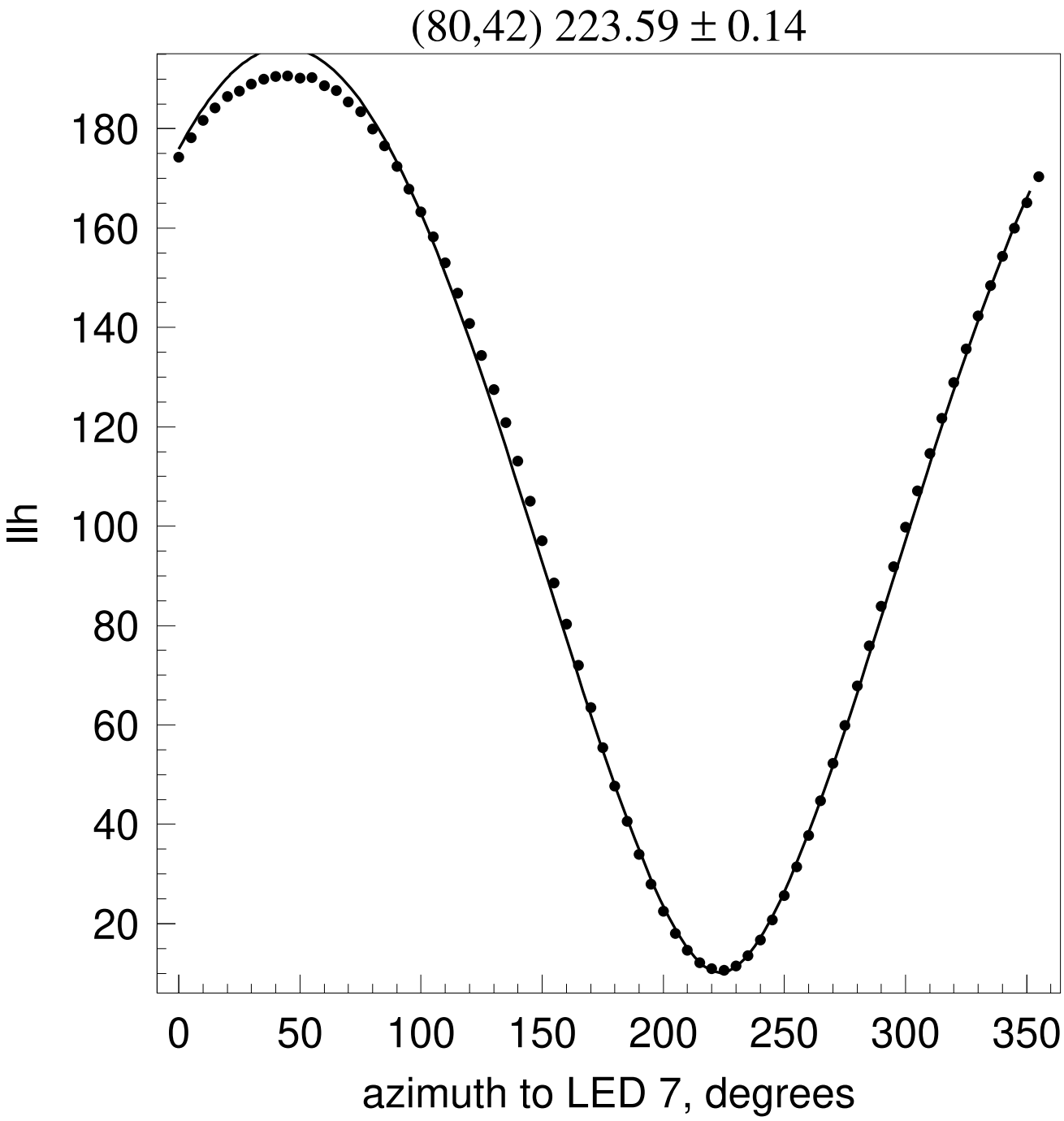

(80,37) 99.54 ± 0.16
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

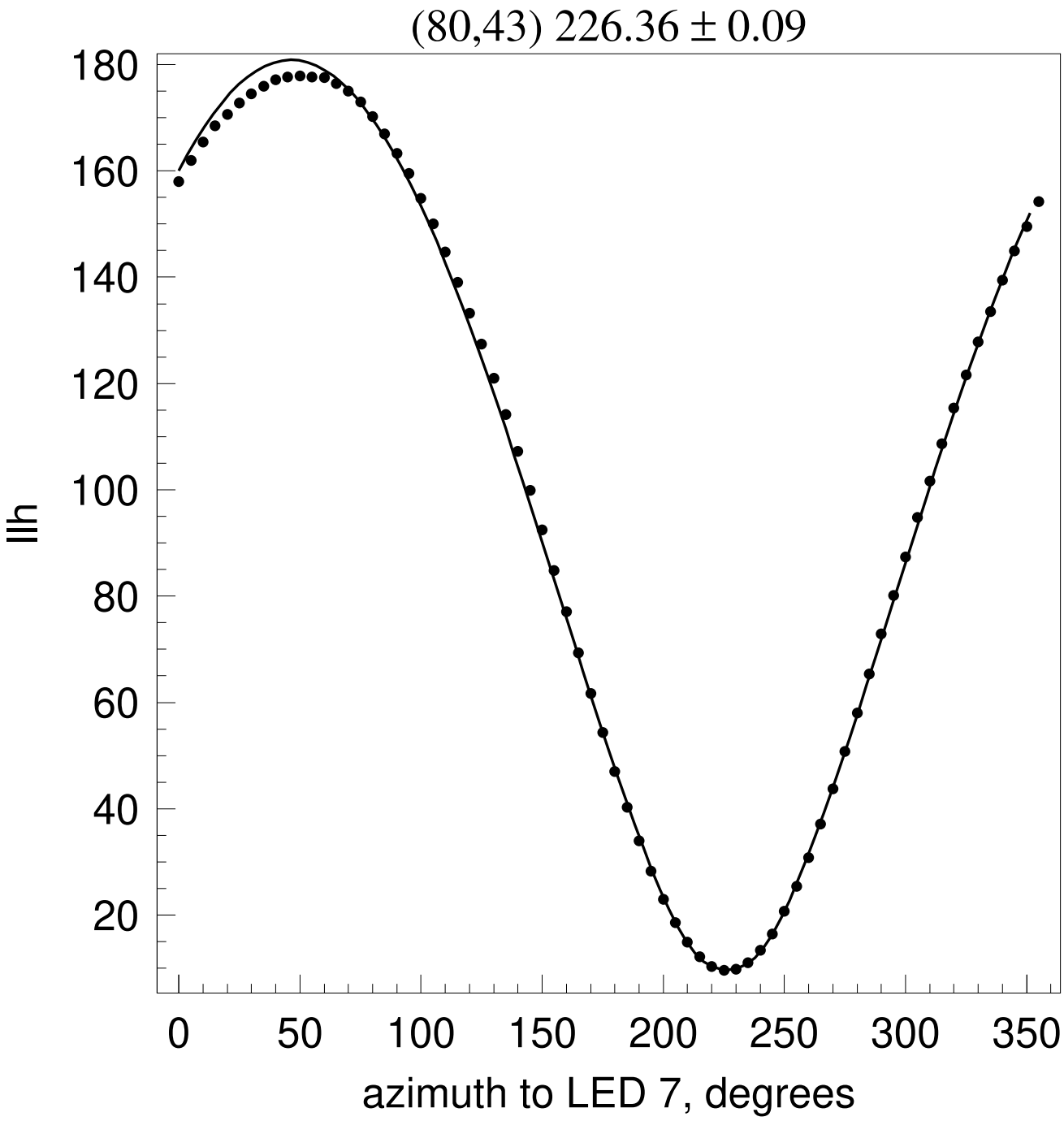

(80,38) 50.28 ± 0.18
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

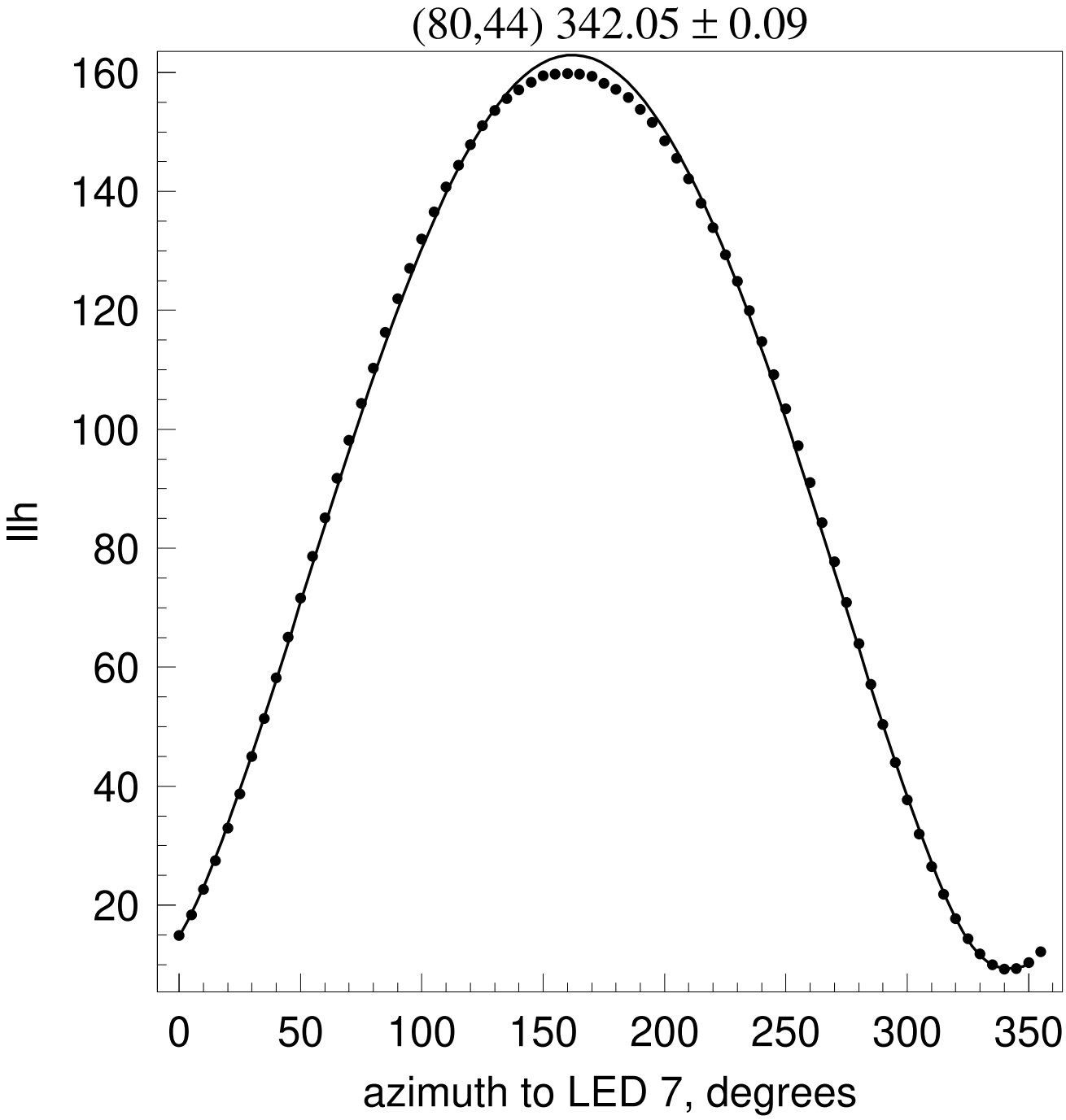

(80,39) 53.10 ± 0.15
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

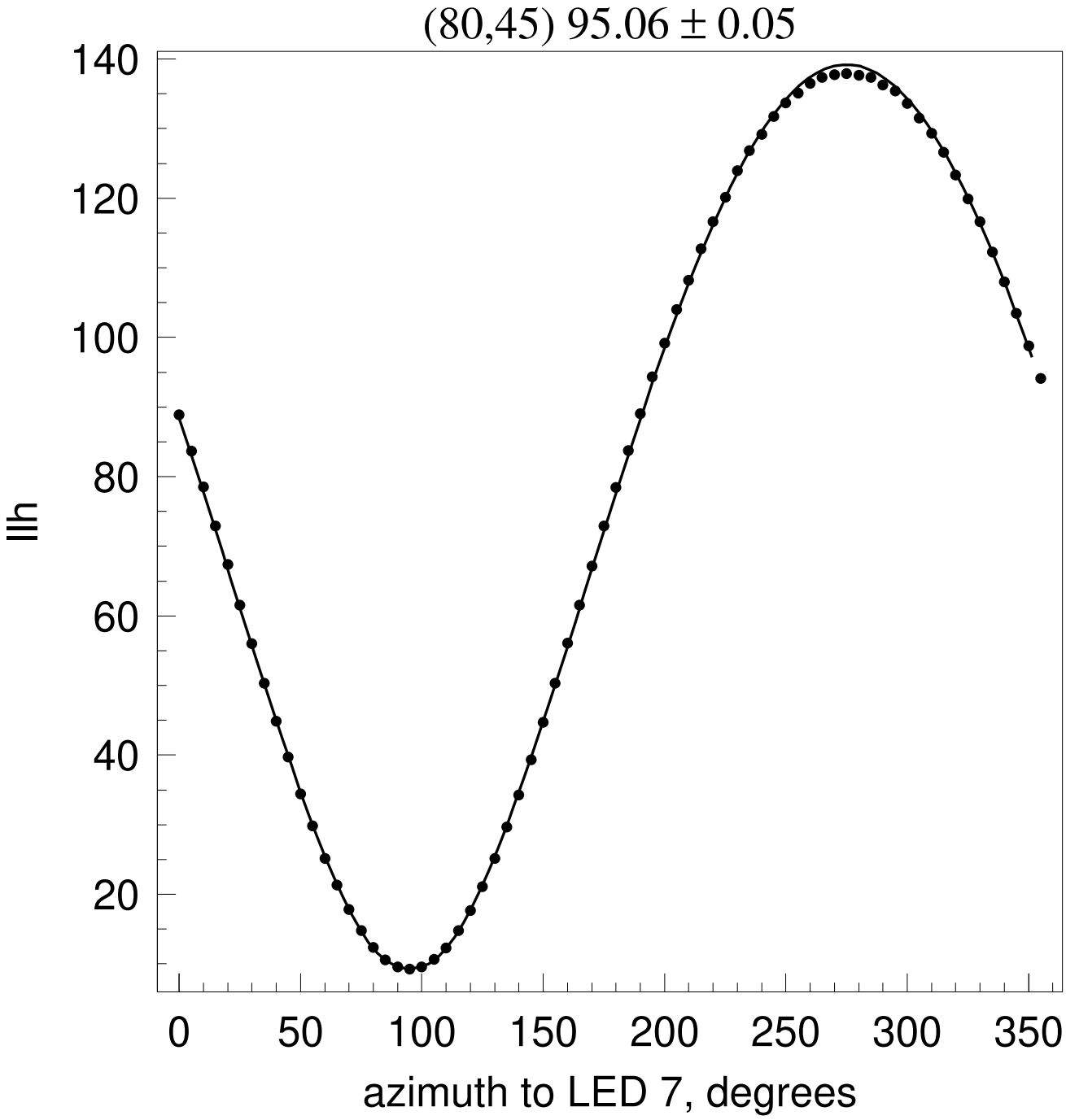

(80,40) 305.84 ± 0.20
160
140
120
100
80
60
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

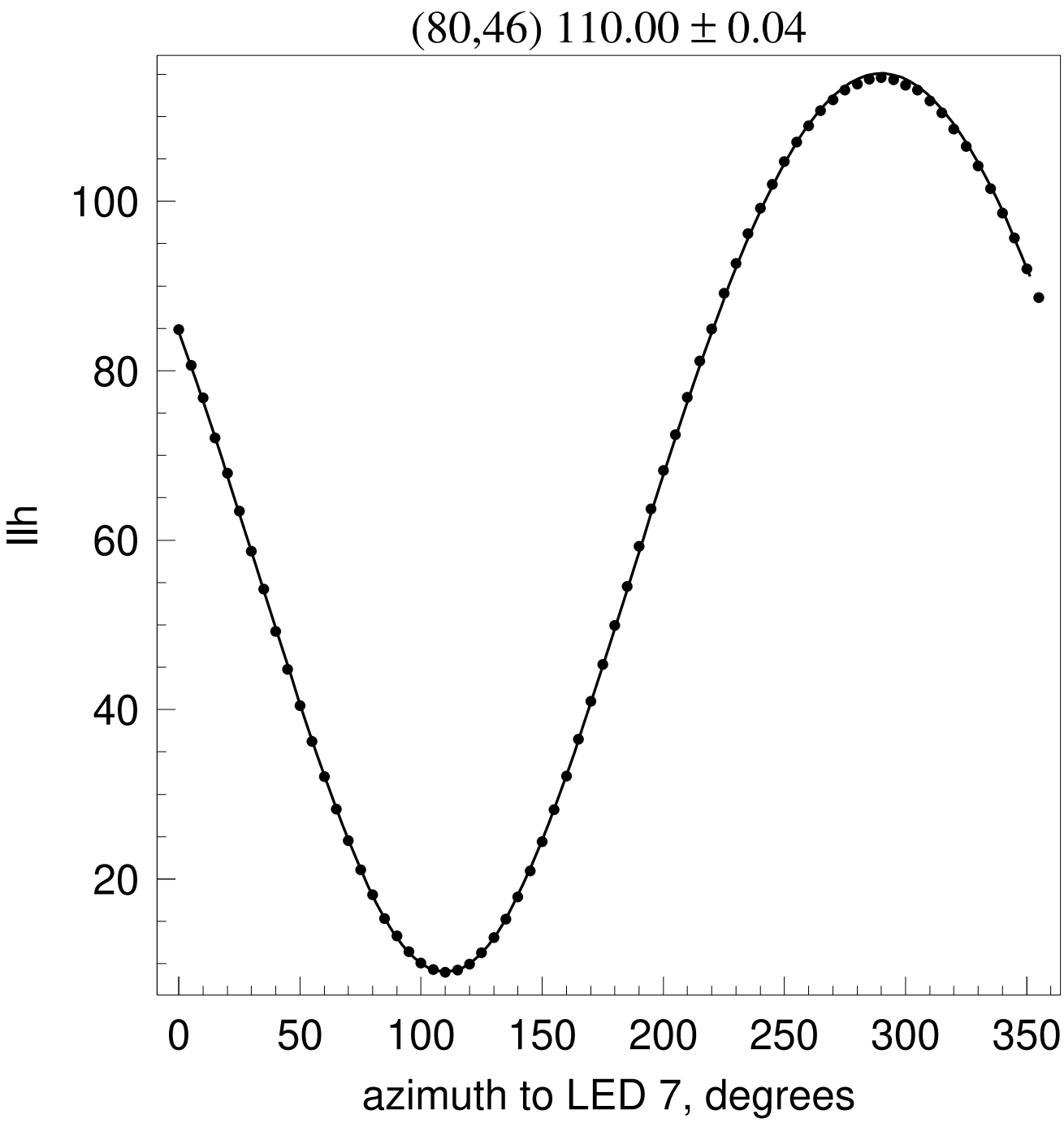

(80,41) 288.92 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

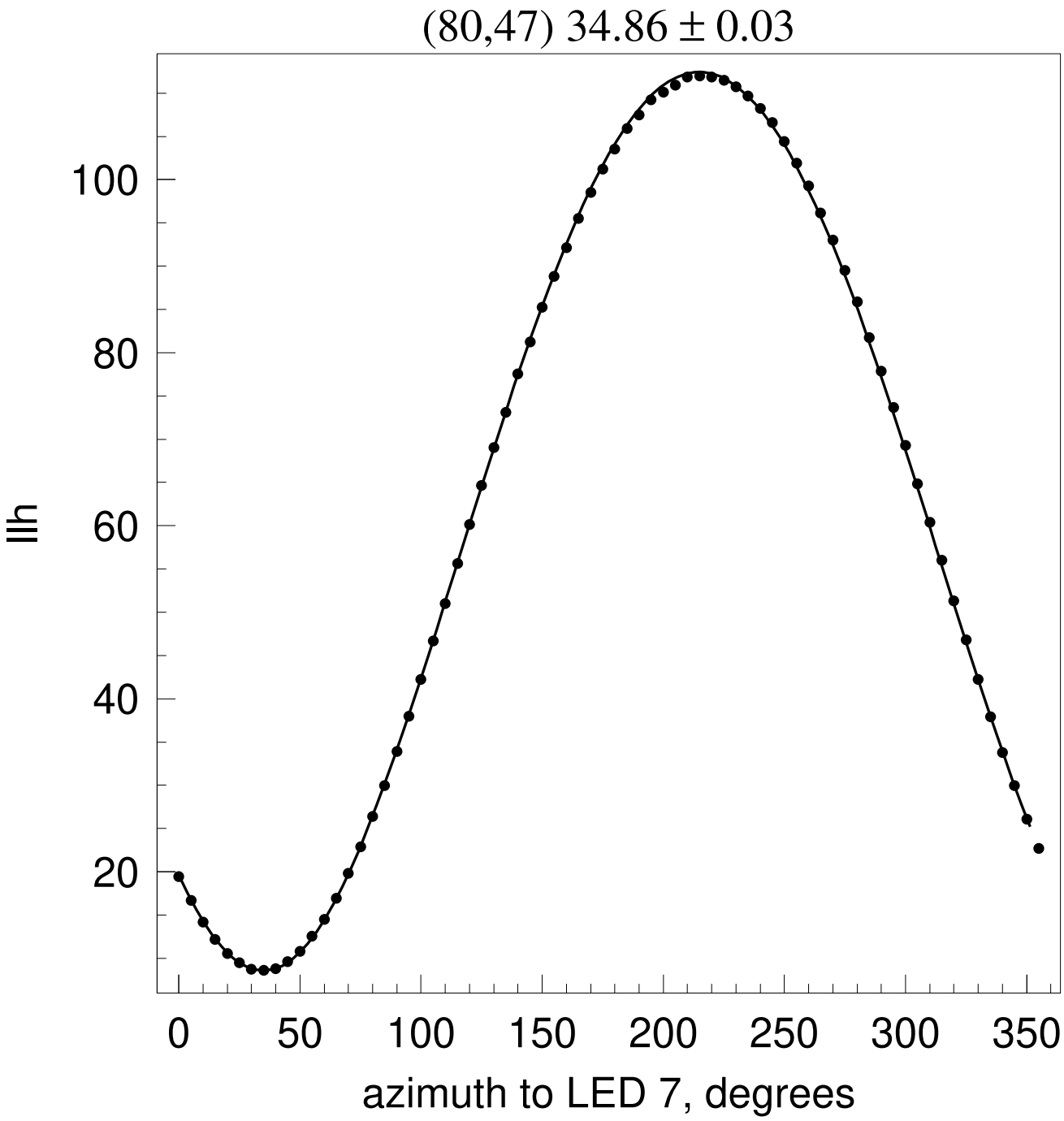

(80,42) 223.59 ± 0.14
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

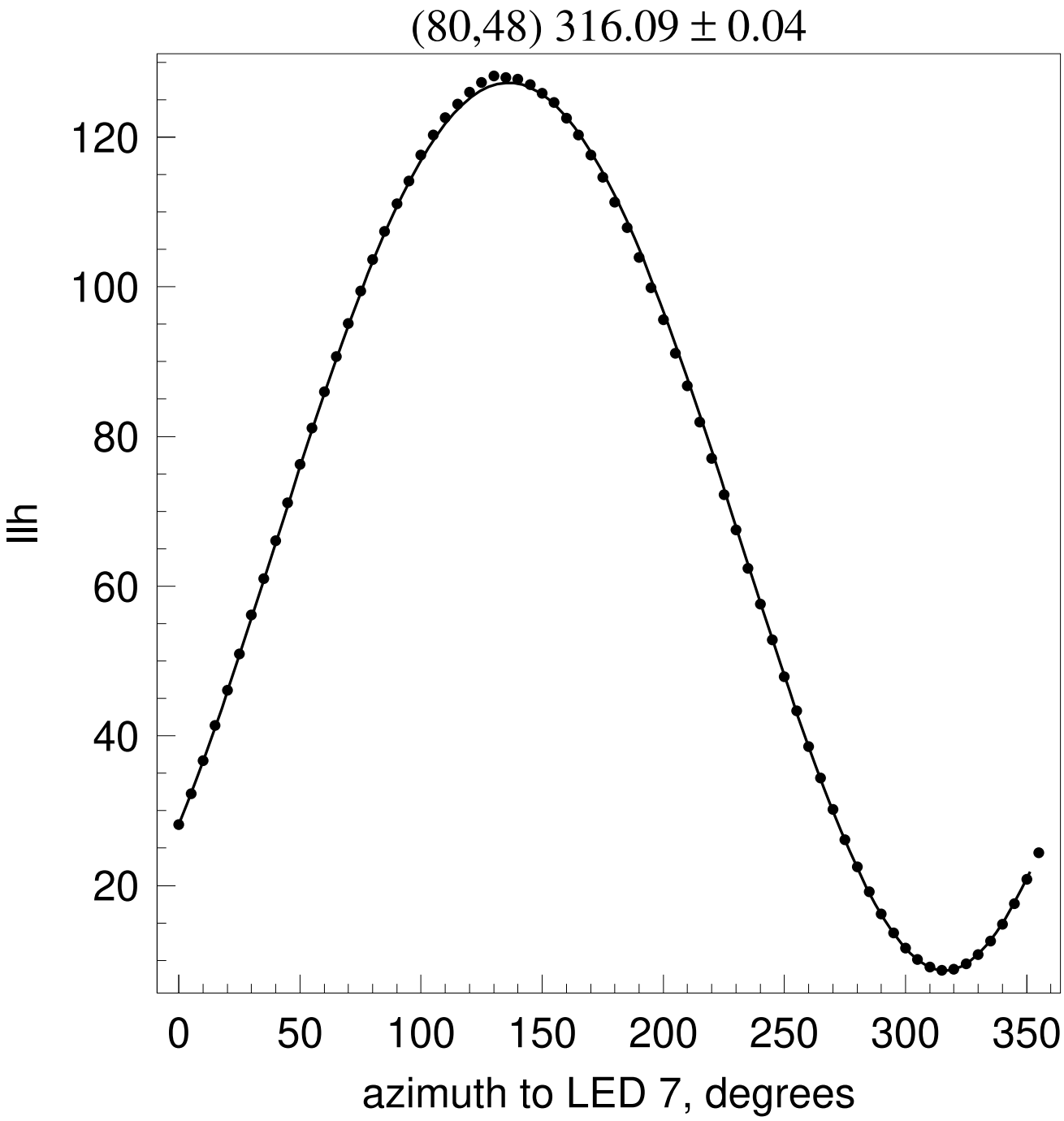

(80,43) 226.36 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

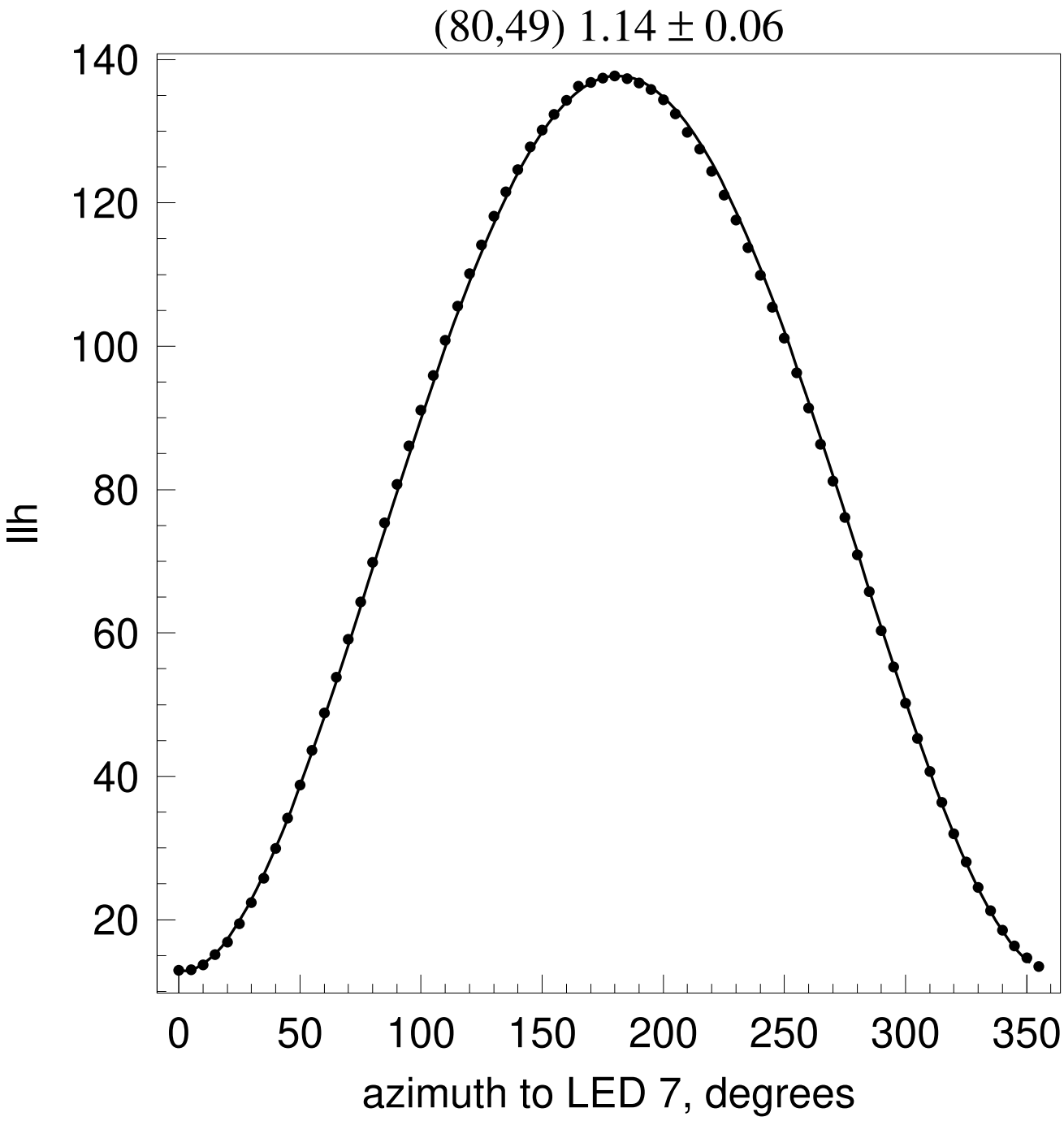

(80,44) 342.05 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

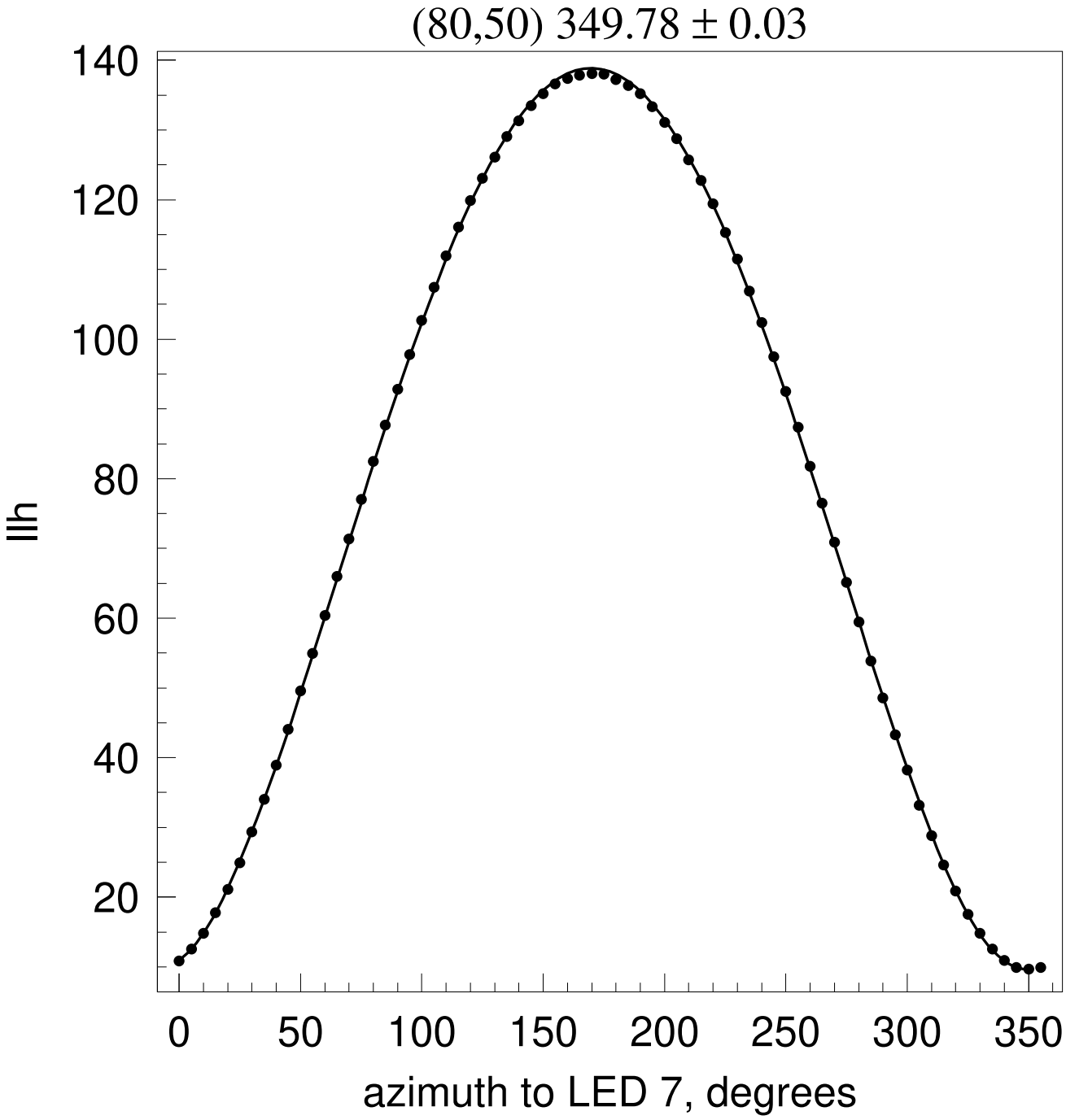

(80,45) 95.06 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

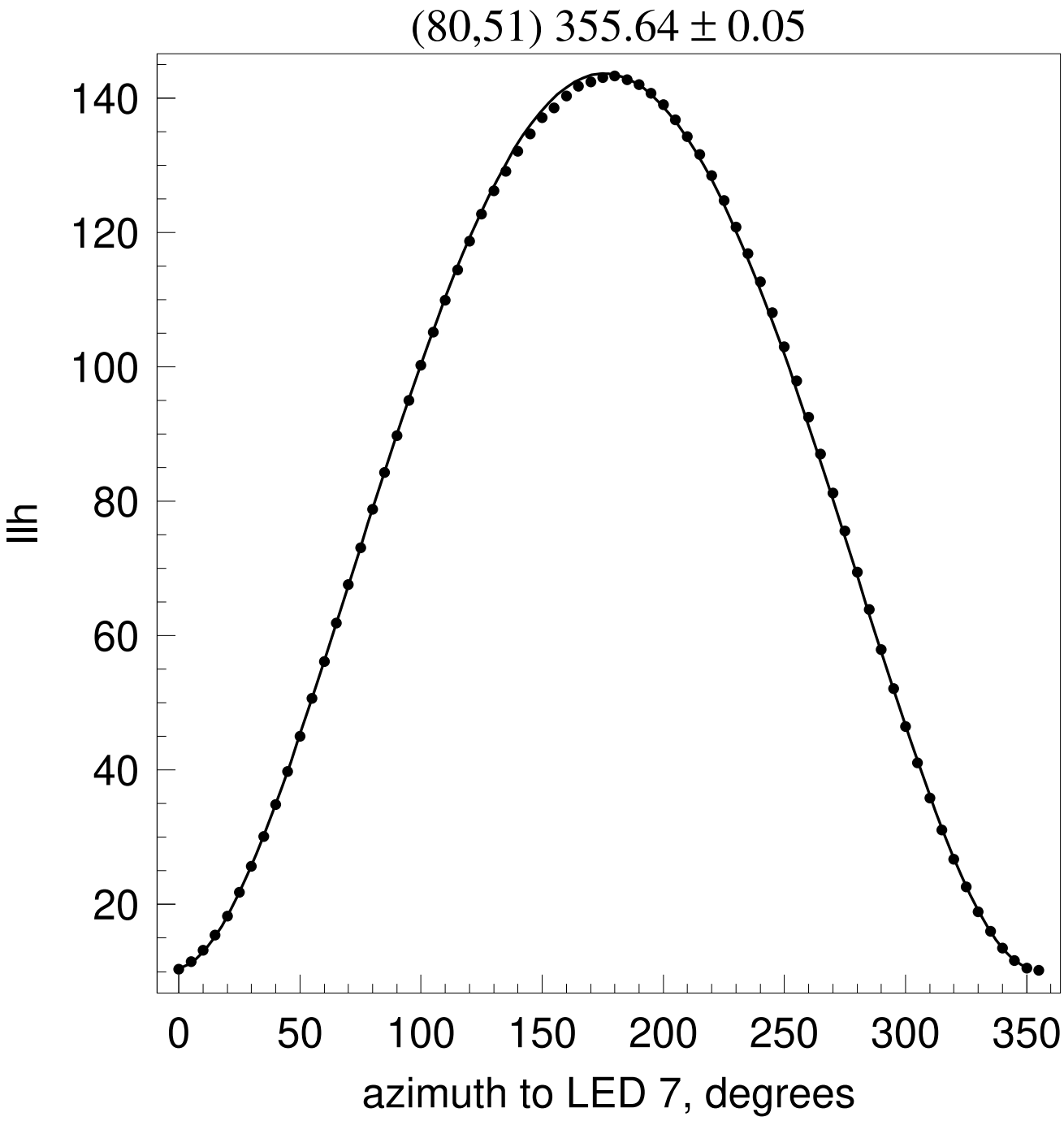

(80,46) 110.00 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

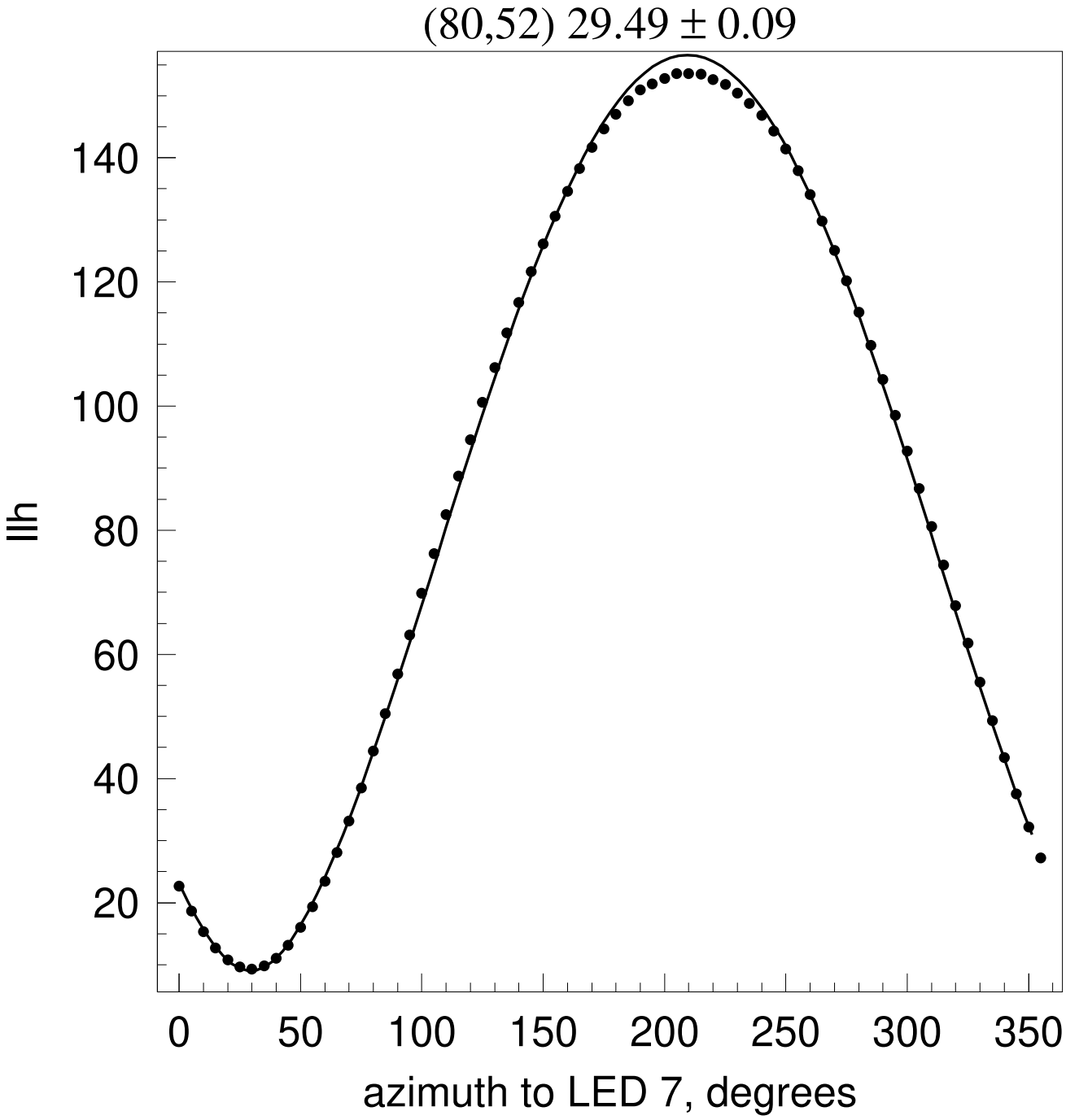

(80,47) 34.86 ± 0.03
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

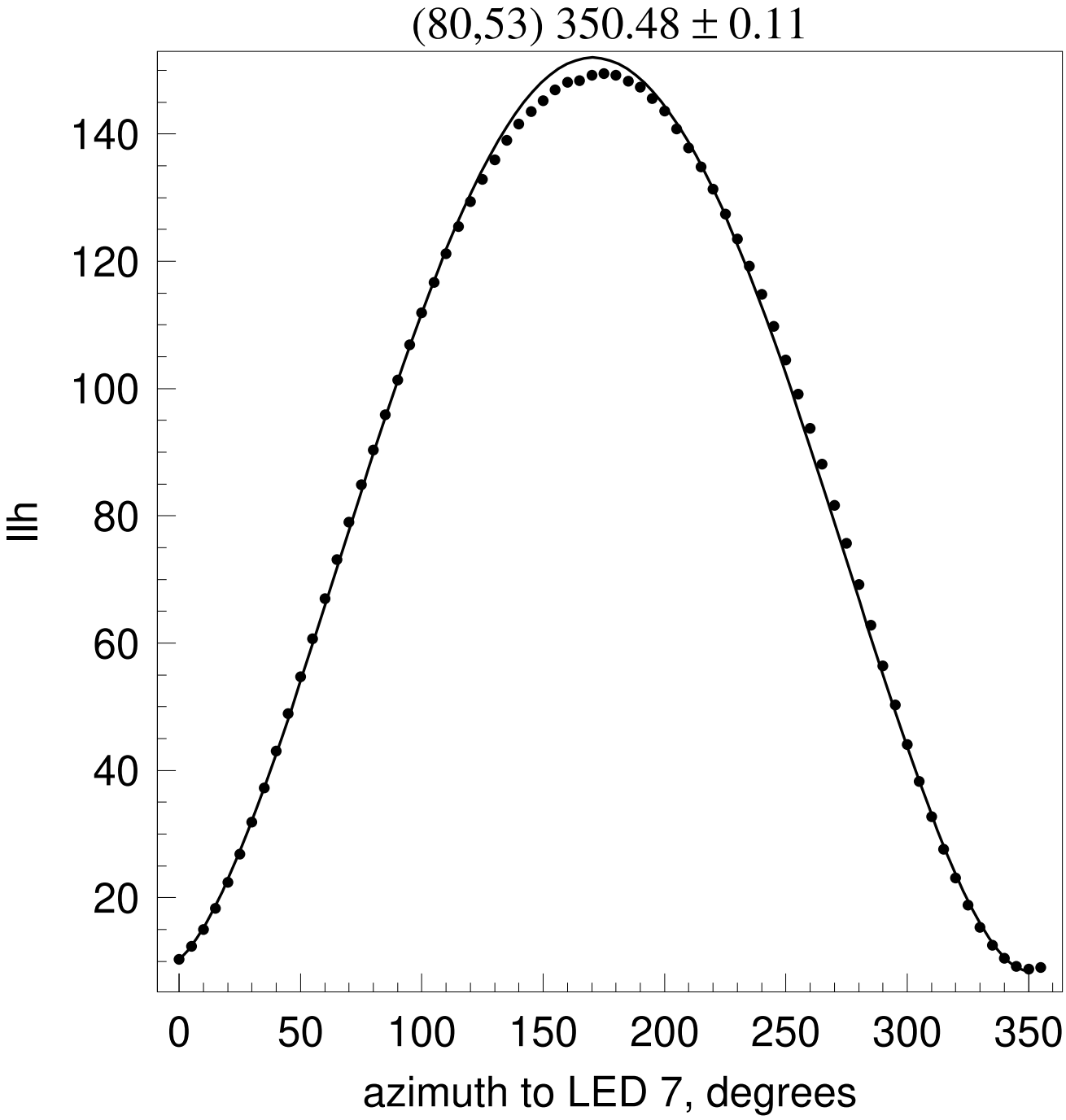

(80,48) 316.09 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

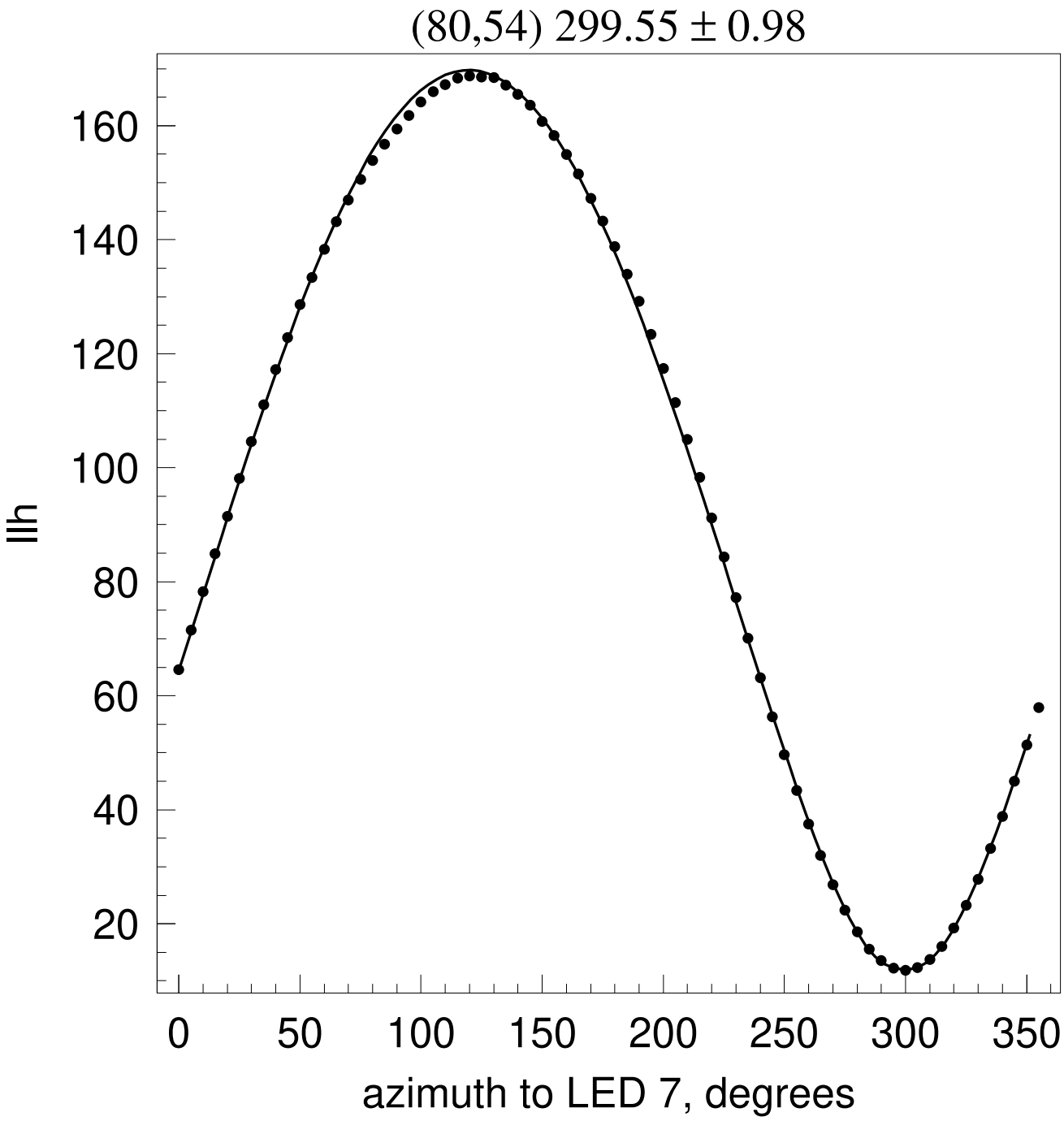

(80,49) 1.14 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

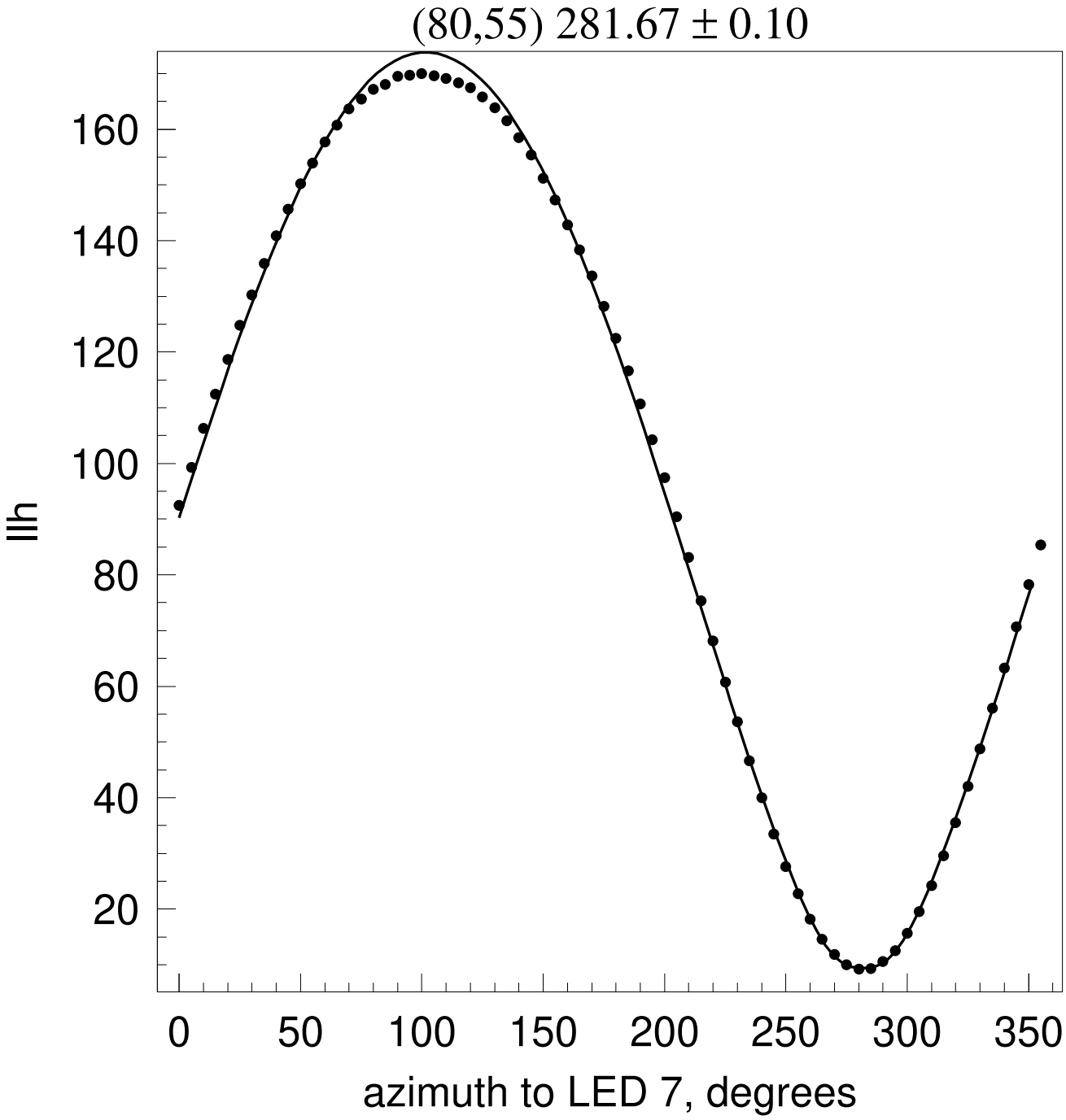

(80,50) 349.78 ± 0.03
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

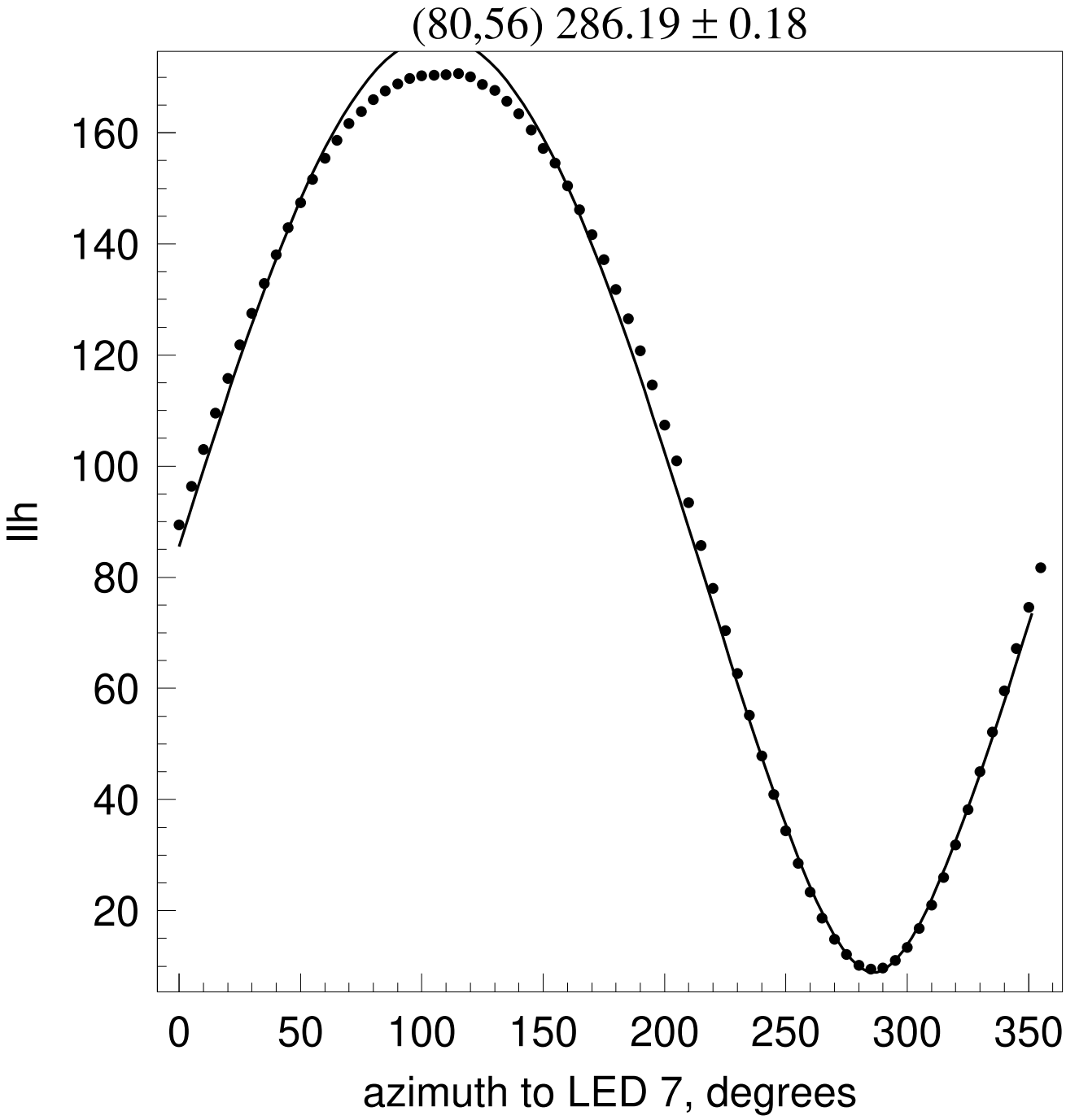

(80,51) 355.64 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

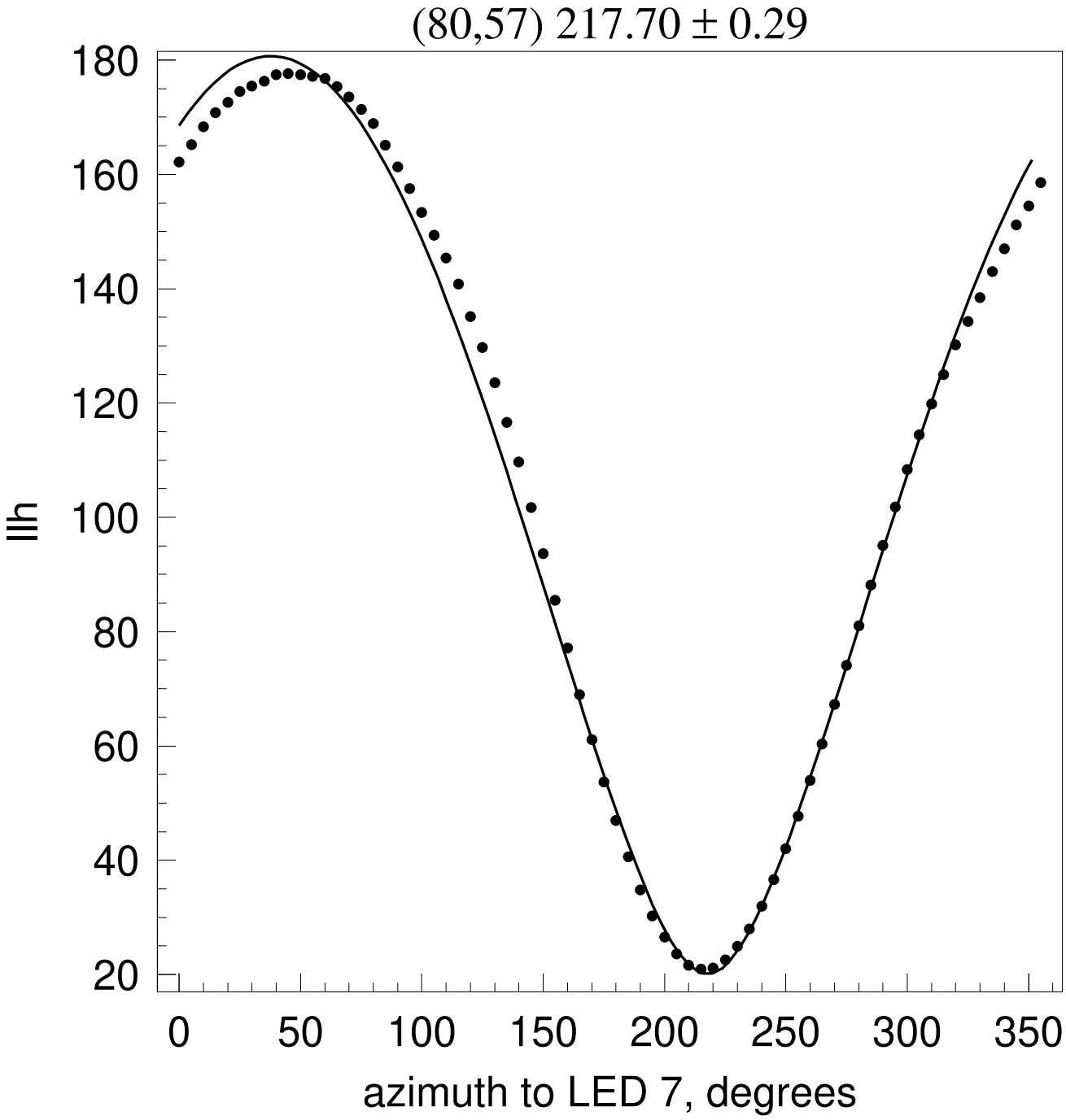

(80,52) 29.49 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

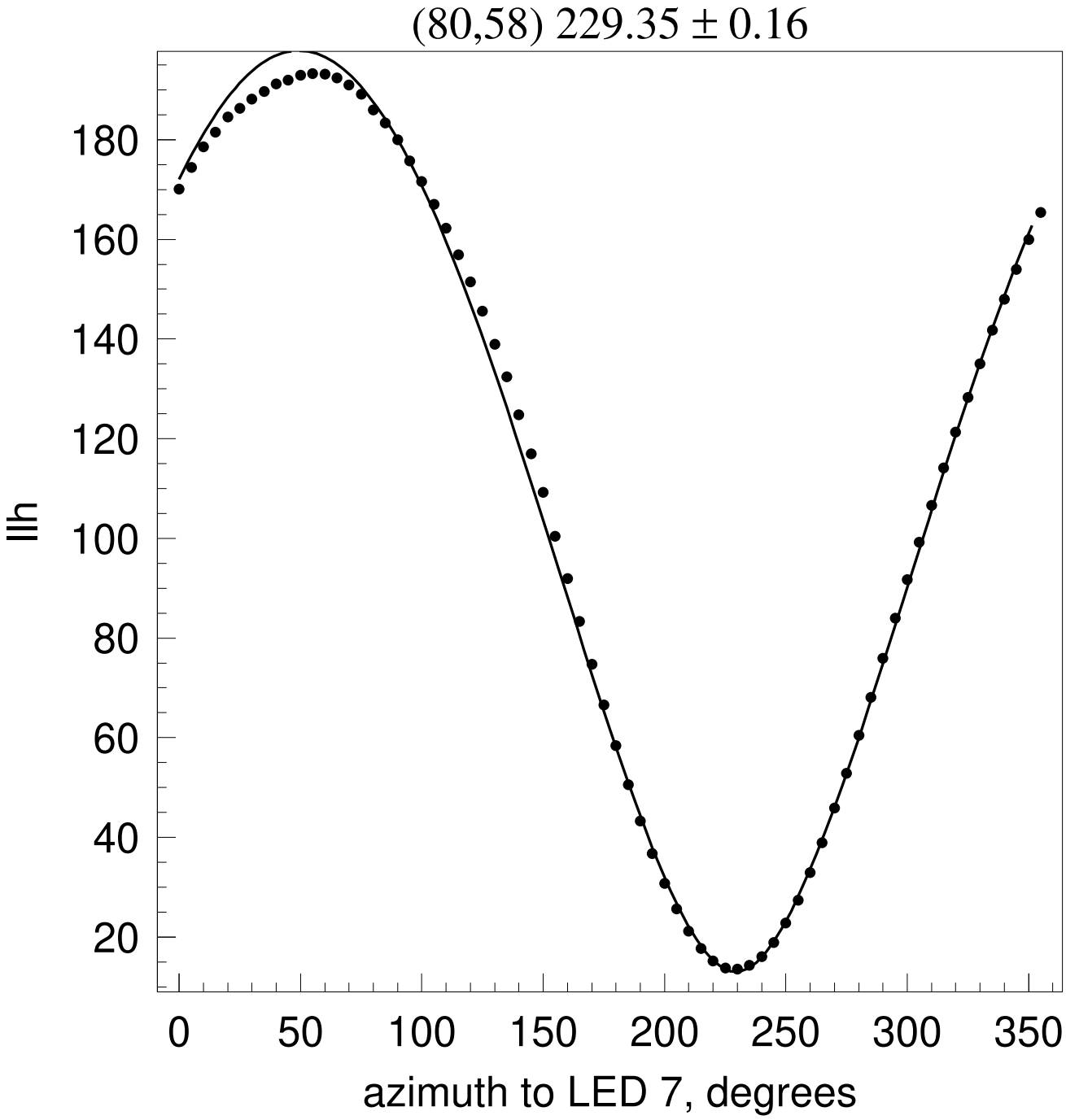

(80,53) 350.48 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

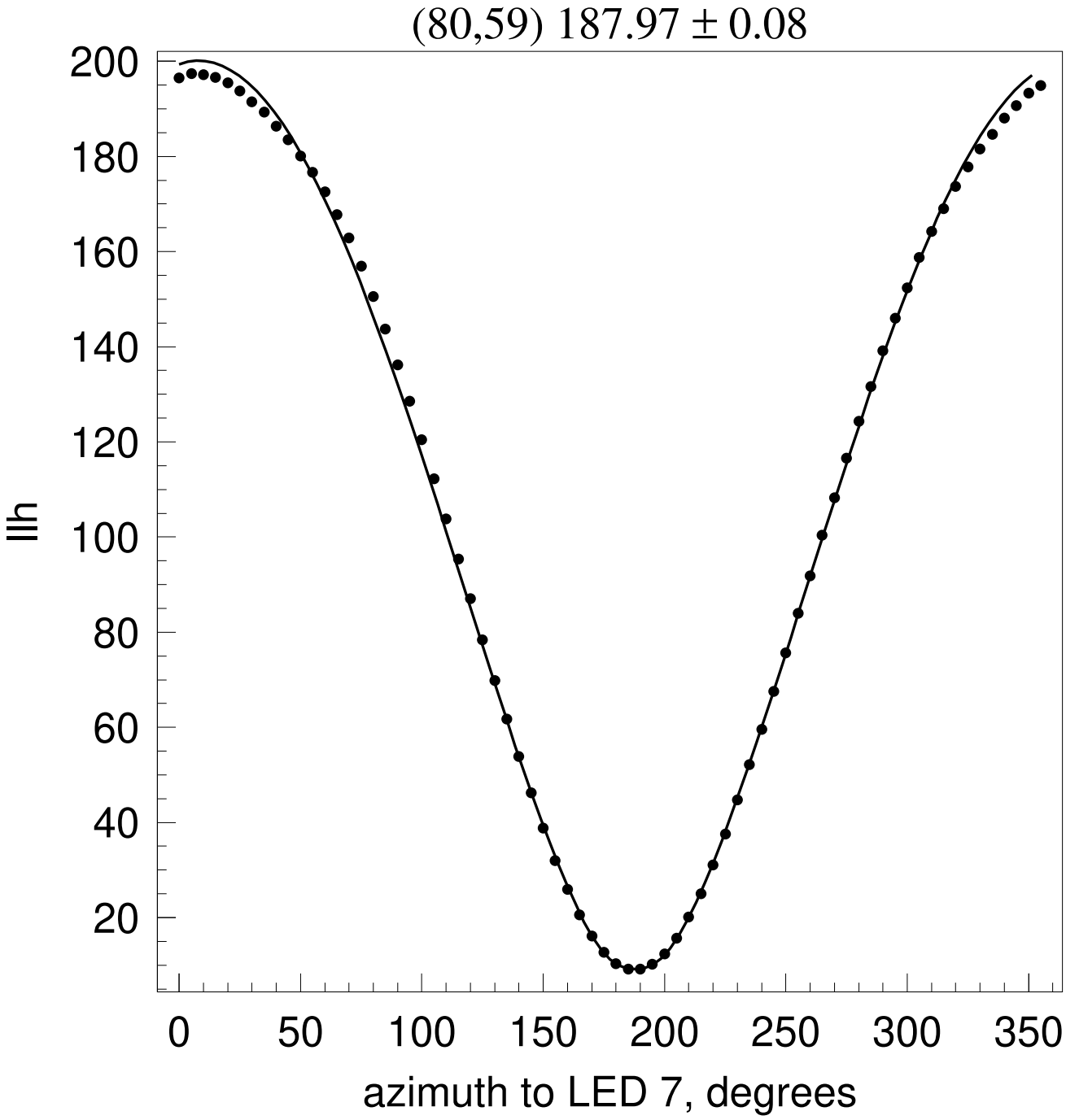

(80,54) 299.55 ± 0.98
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

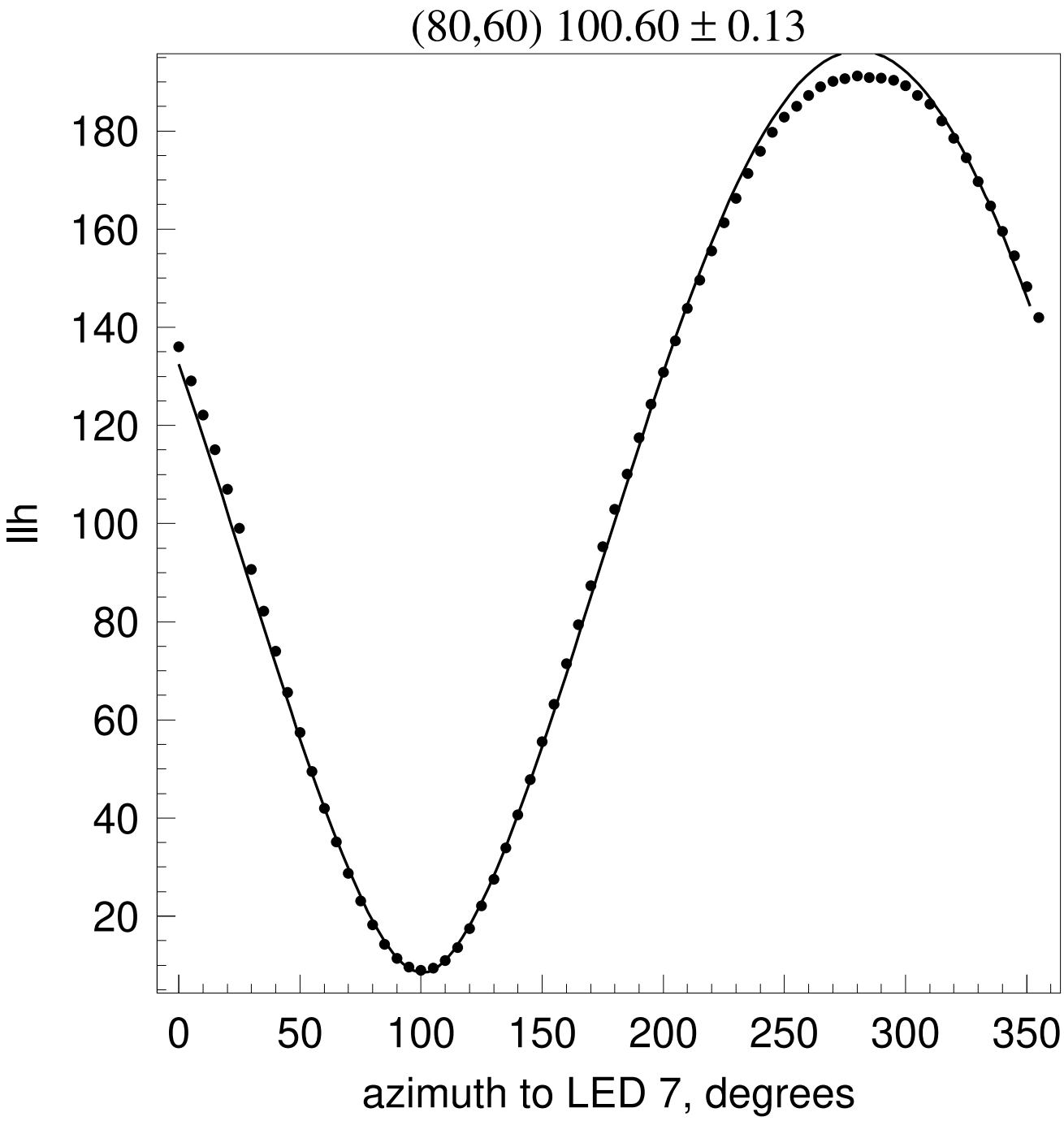

(80,55) 281.67 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

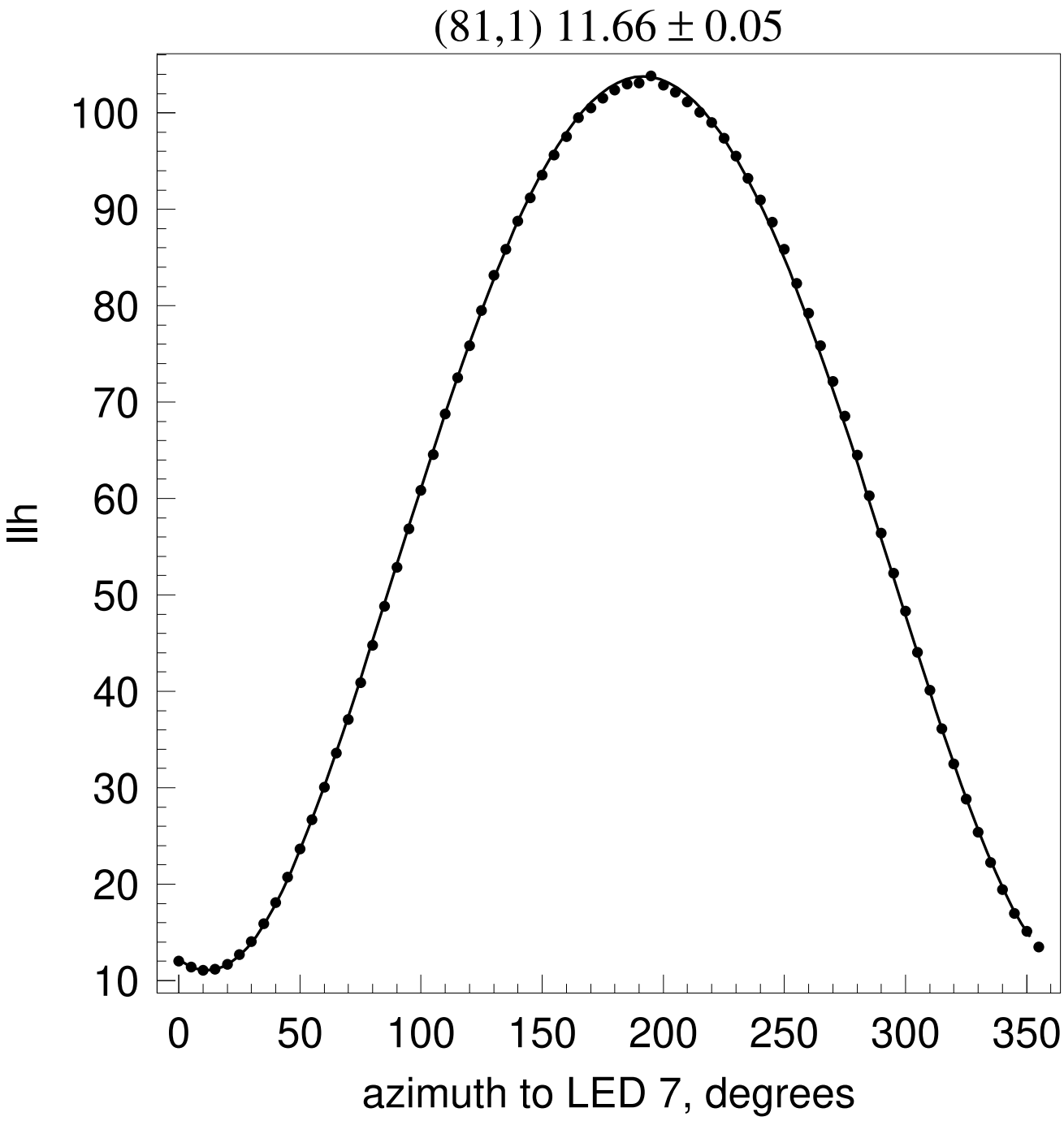

(80,56) 286.19 ± 0.18
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

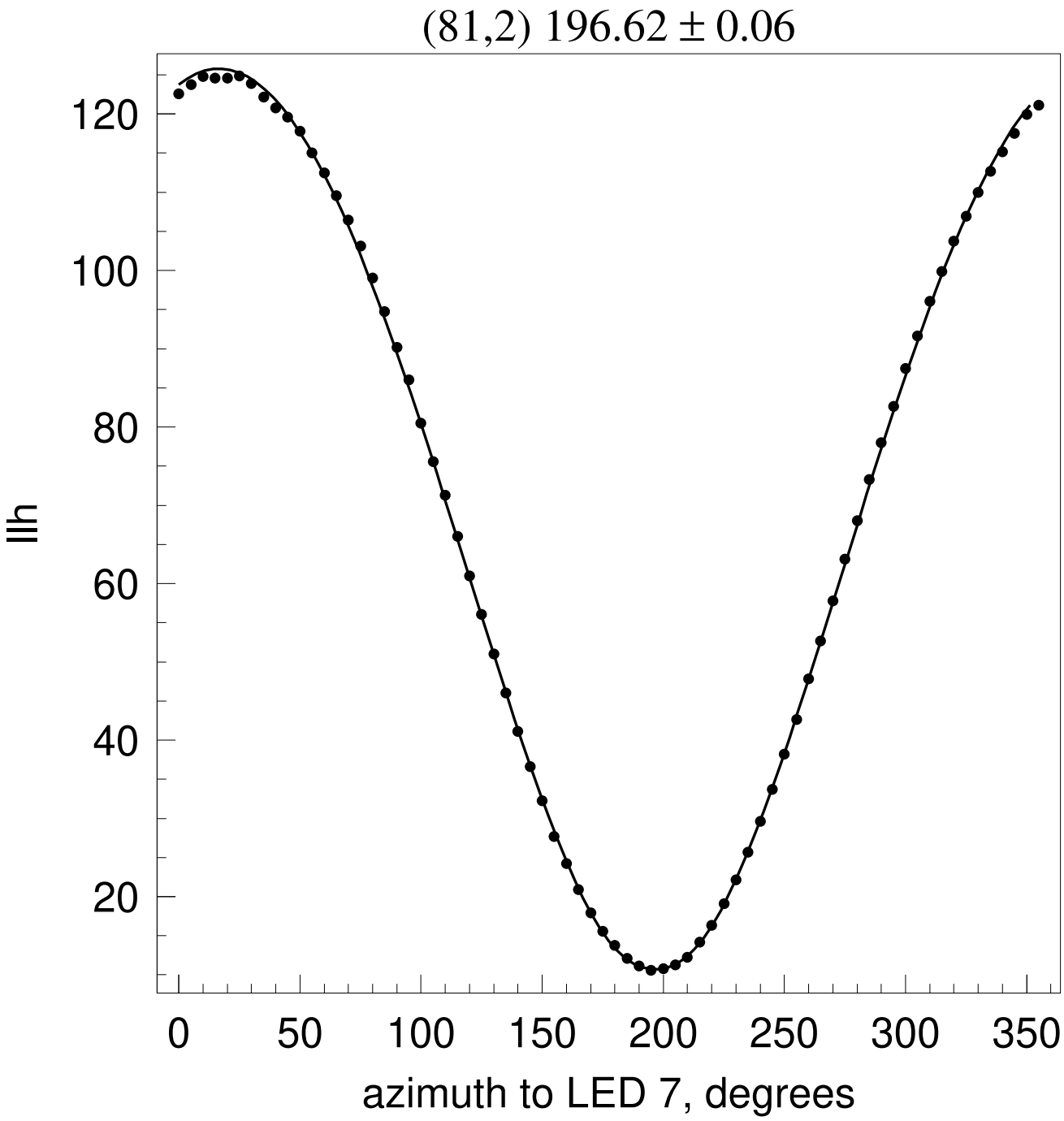

(80,57) 217.70 ± 0.29
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

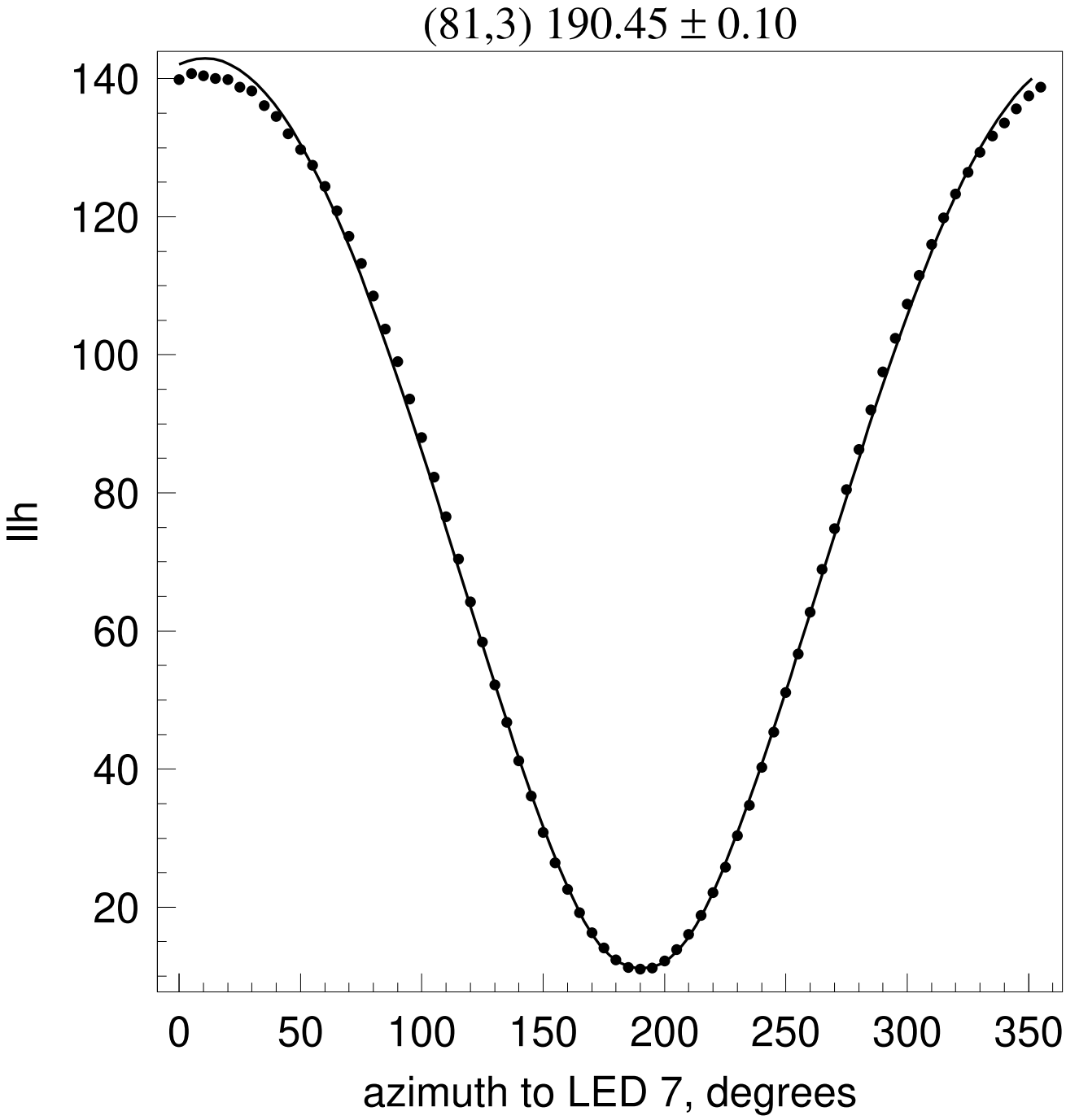

(80,58) 229.35 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

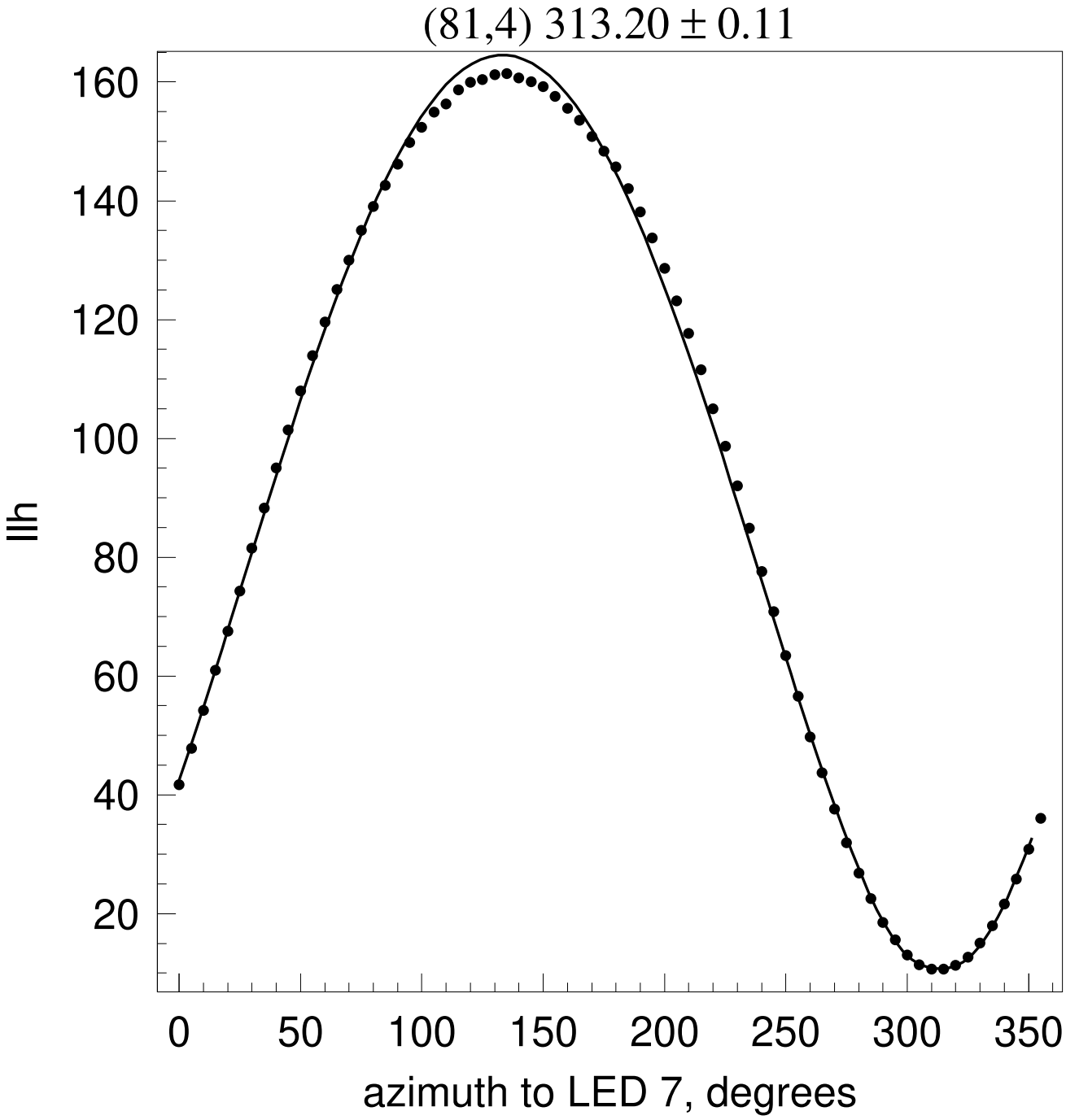

(80,59) 187.97 ± 0.08
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

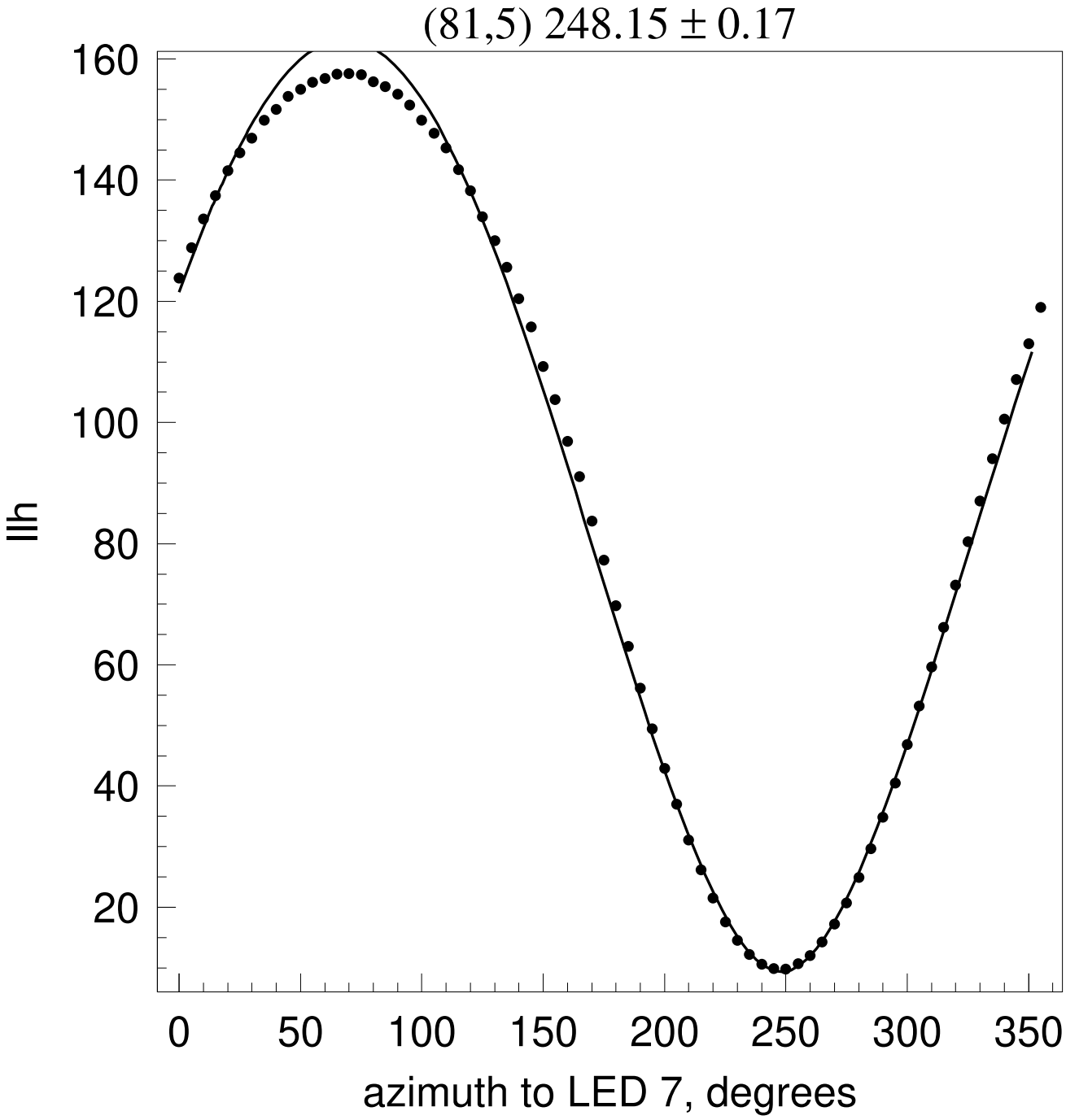

(80,60) 100.60 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

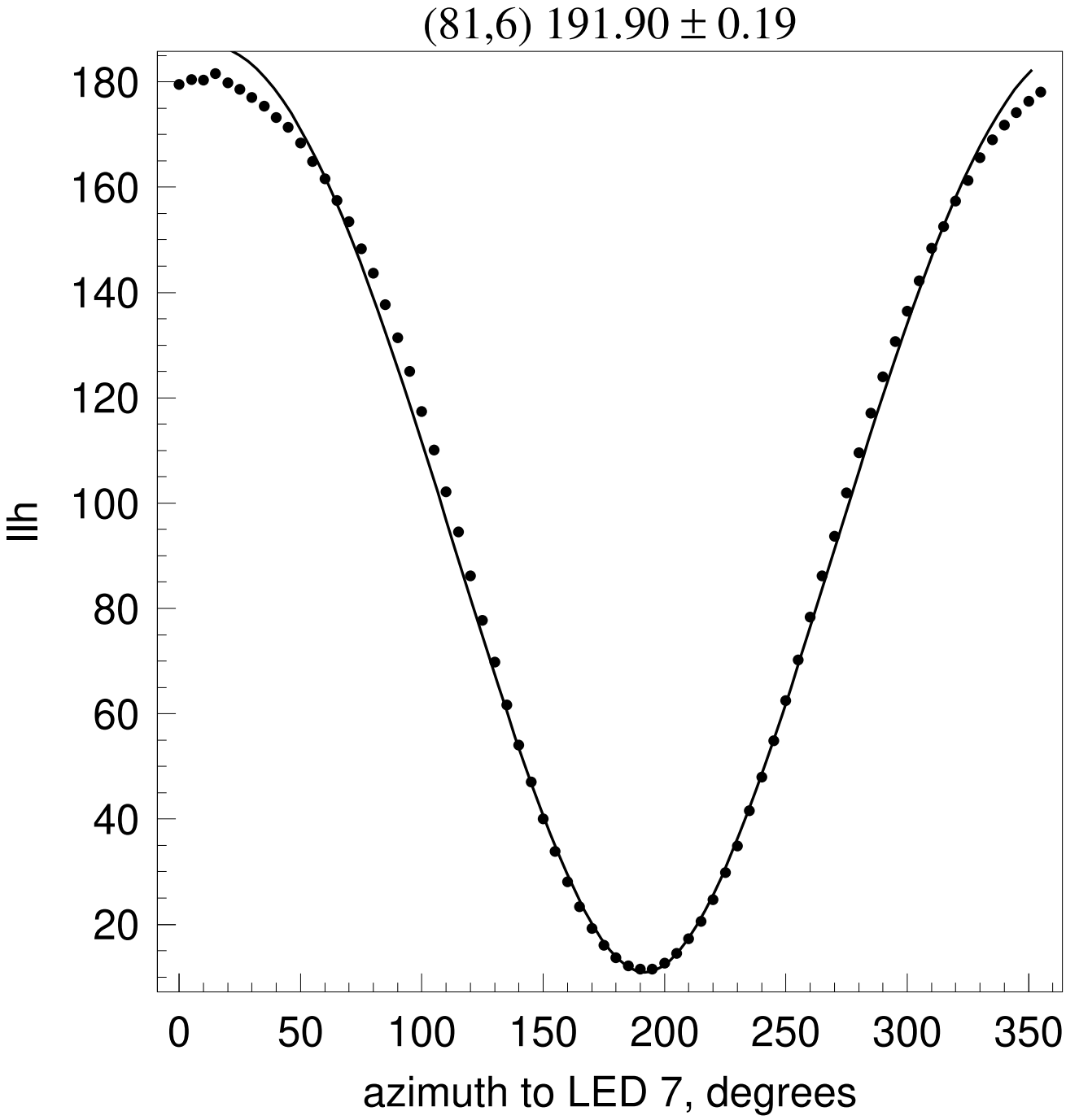

(81,1) 11.66 ± 0.05
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

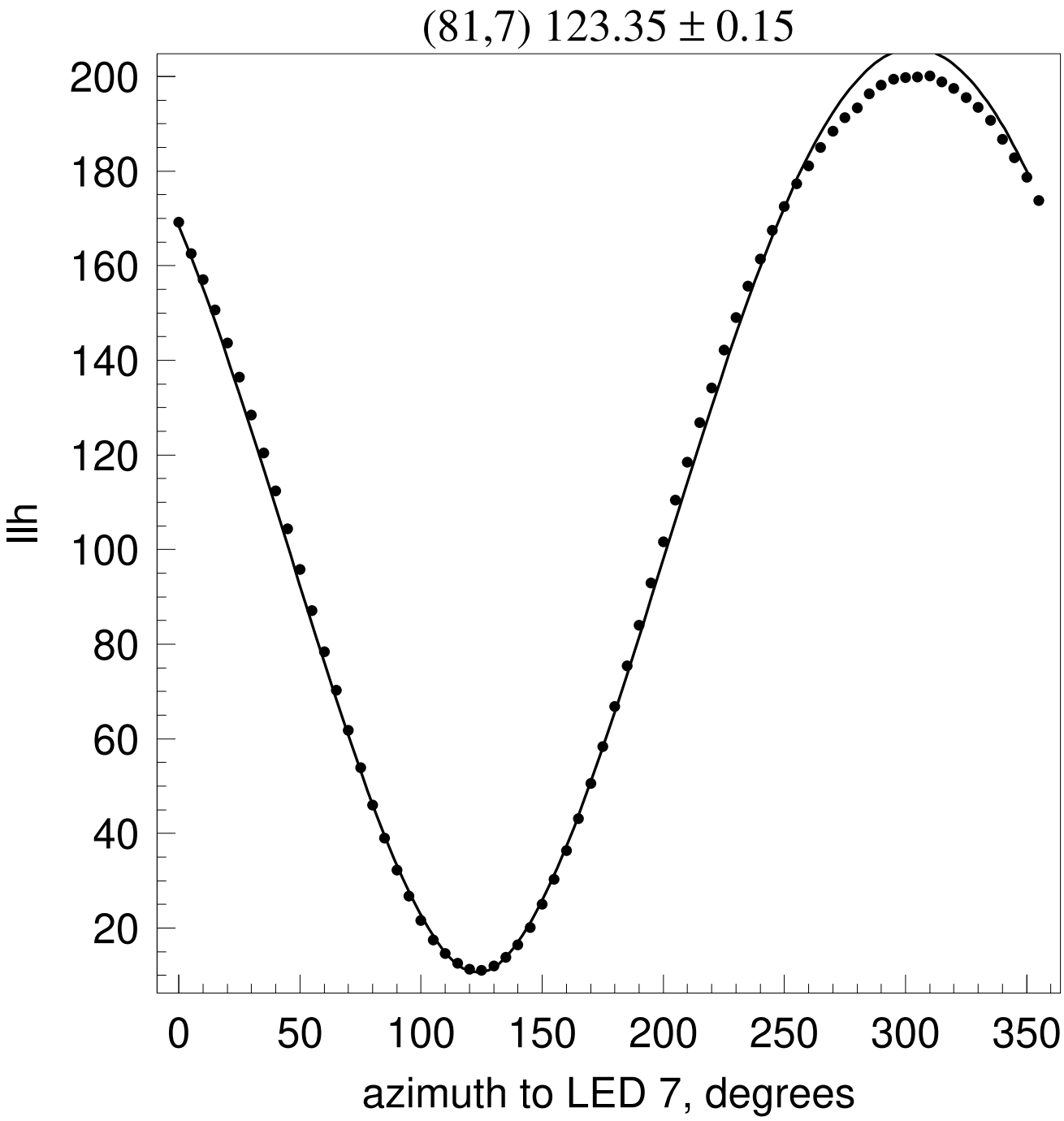

(81,2) 196.62 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

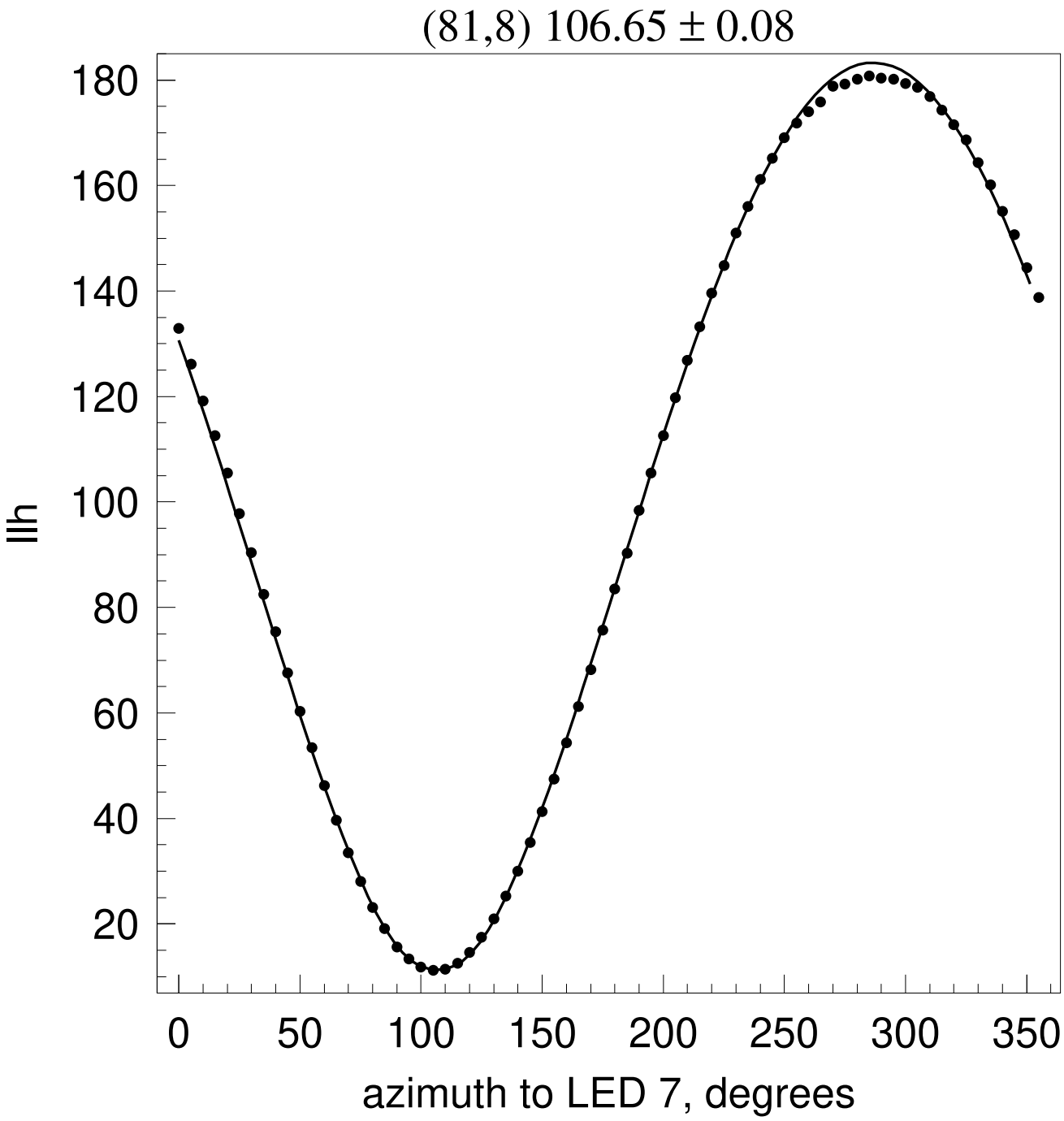

(81,3) 190.45 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

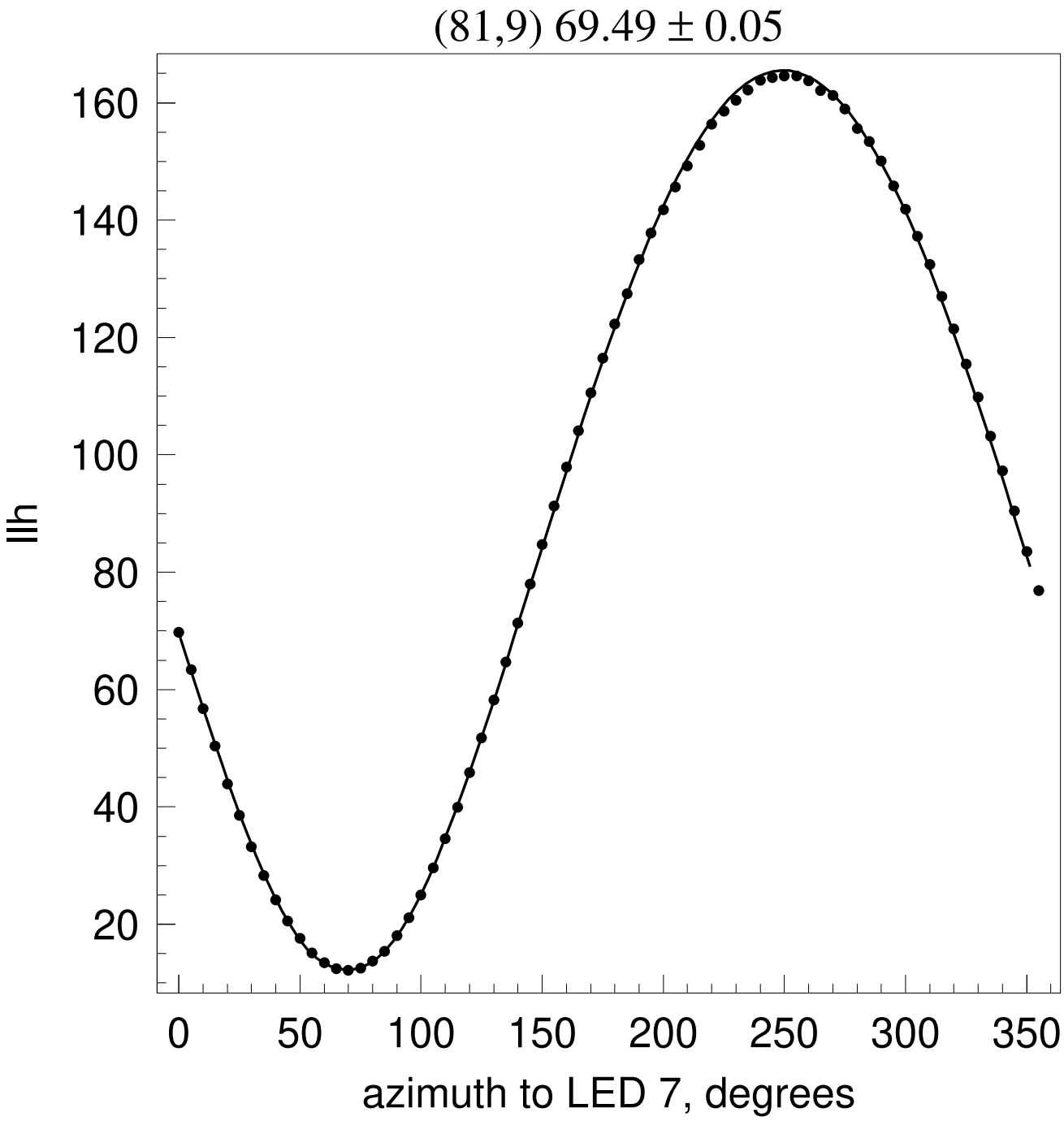

(81,4) 313.20 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

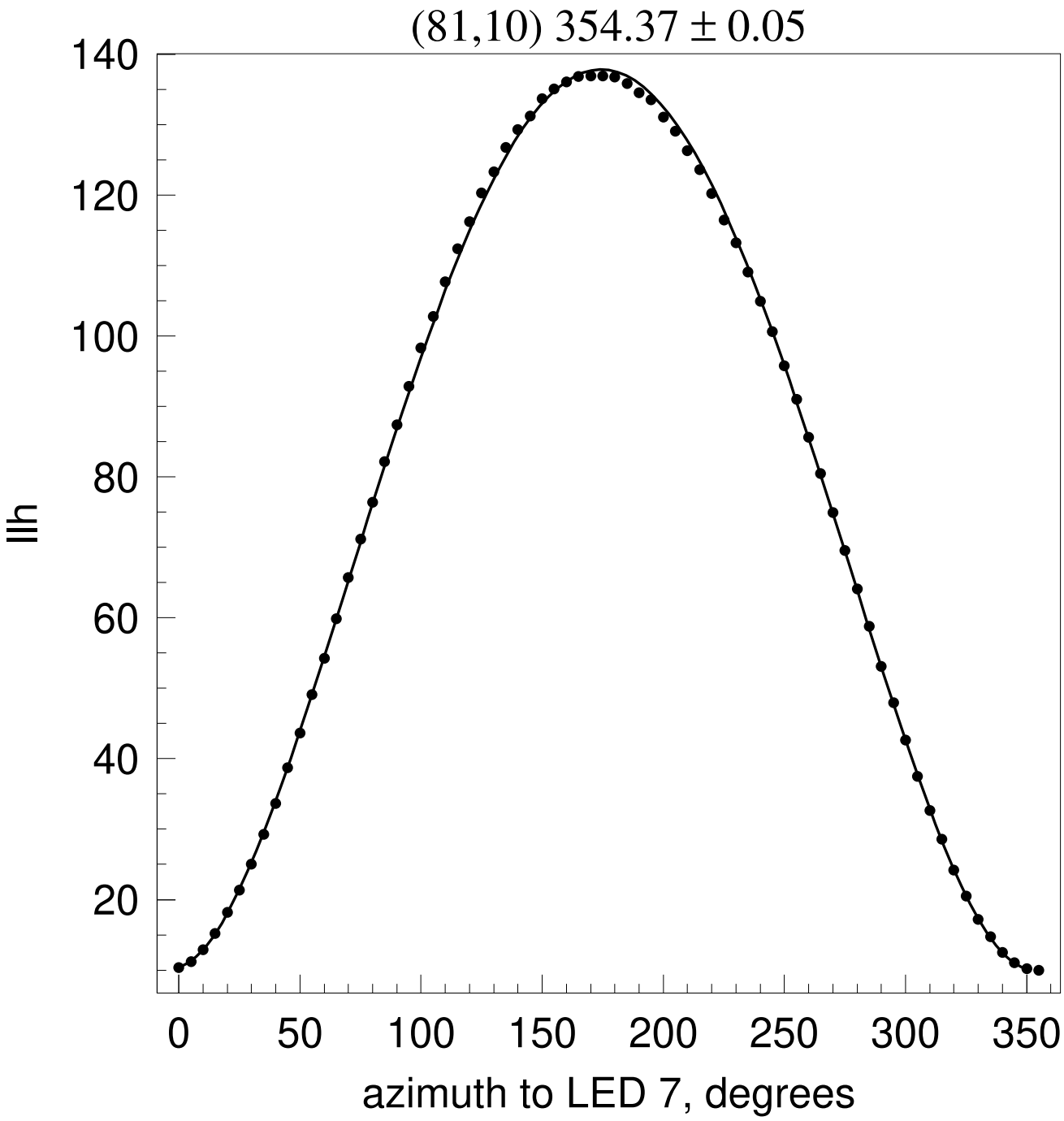

(81,5) 248.15 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

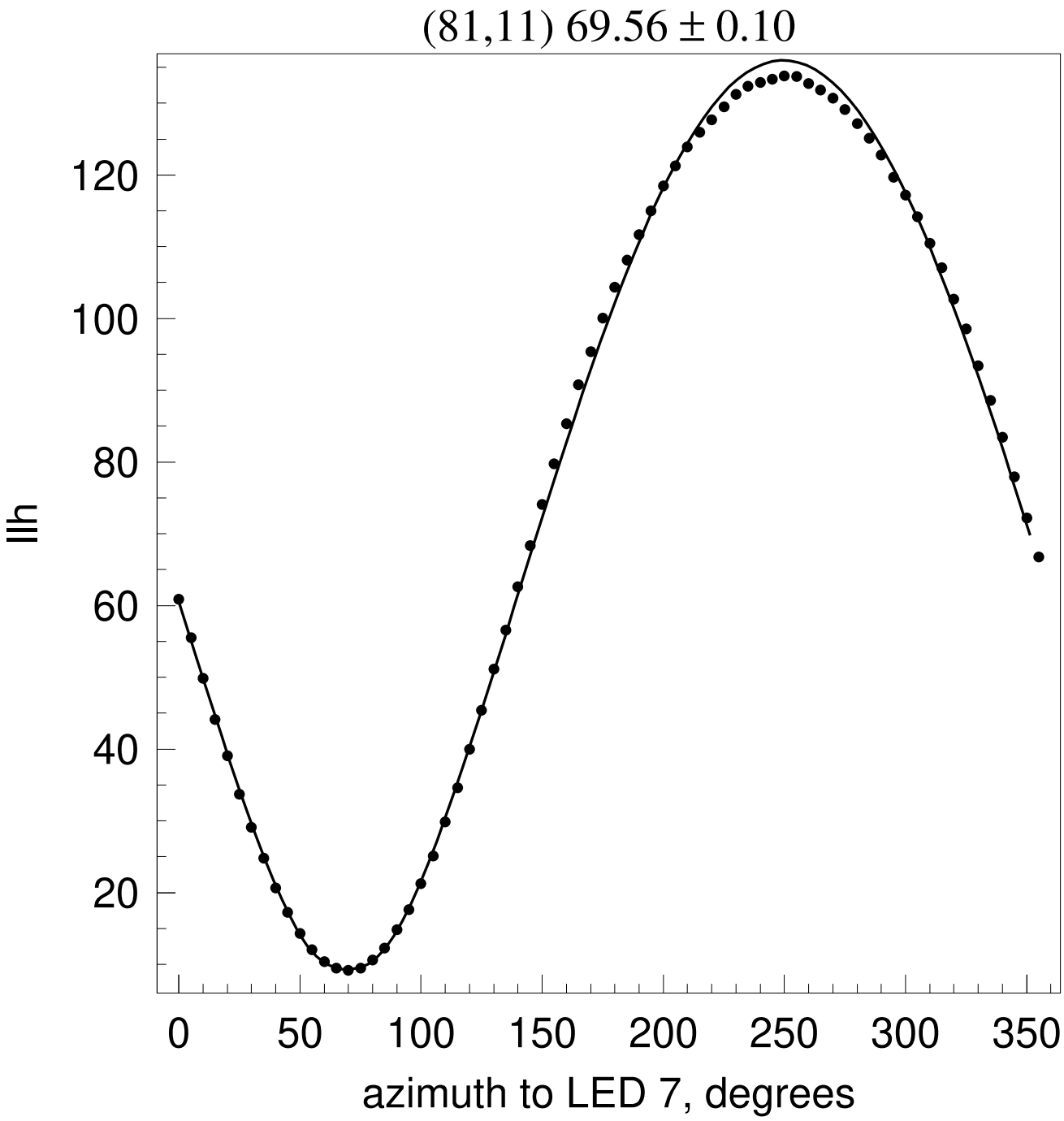

(81,6) 191.90 ± 0.19
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

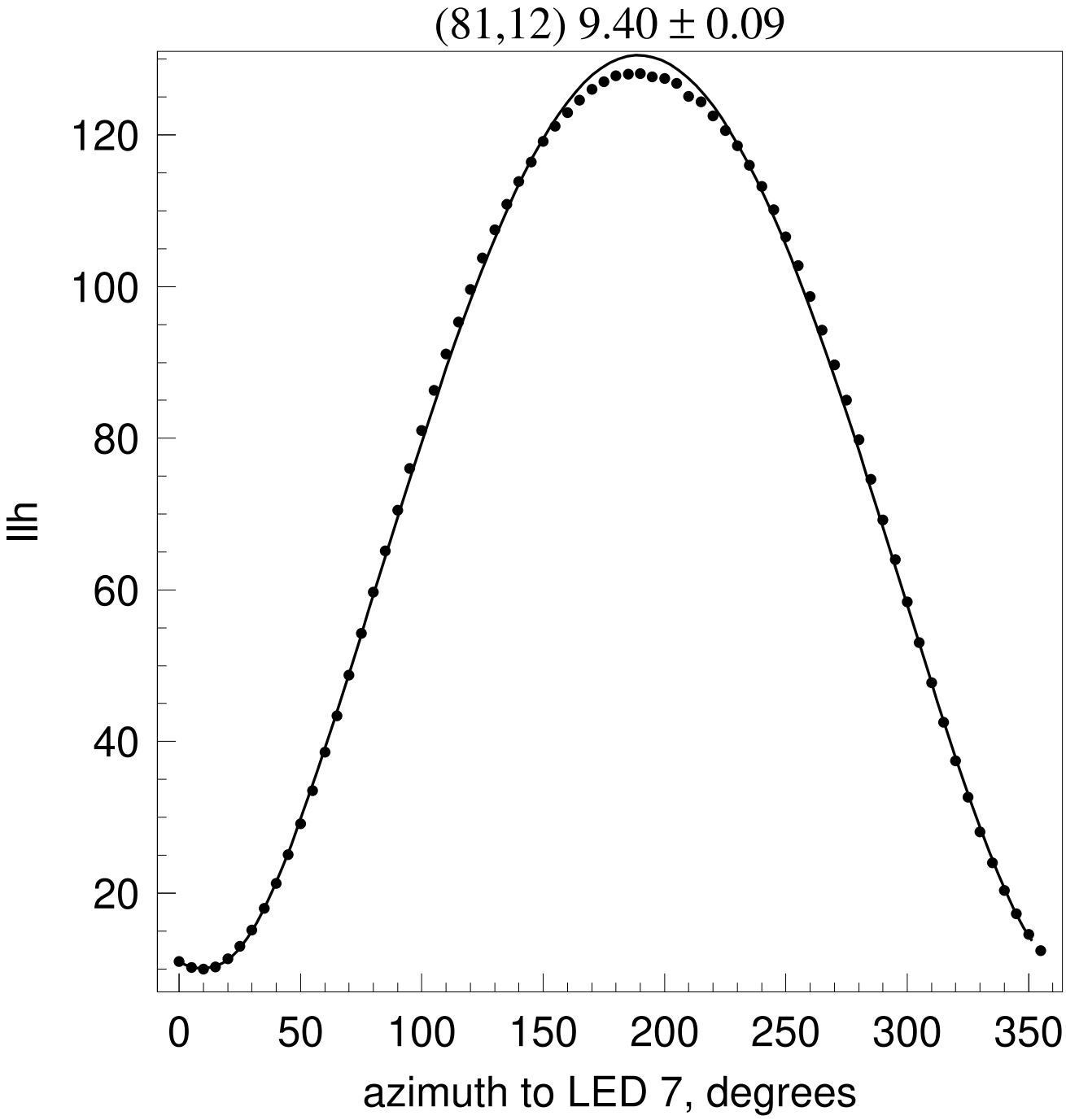

(81,7) 123.35 ± 0.15
llh
200
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

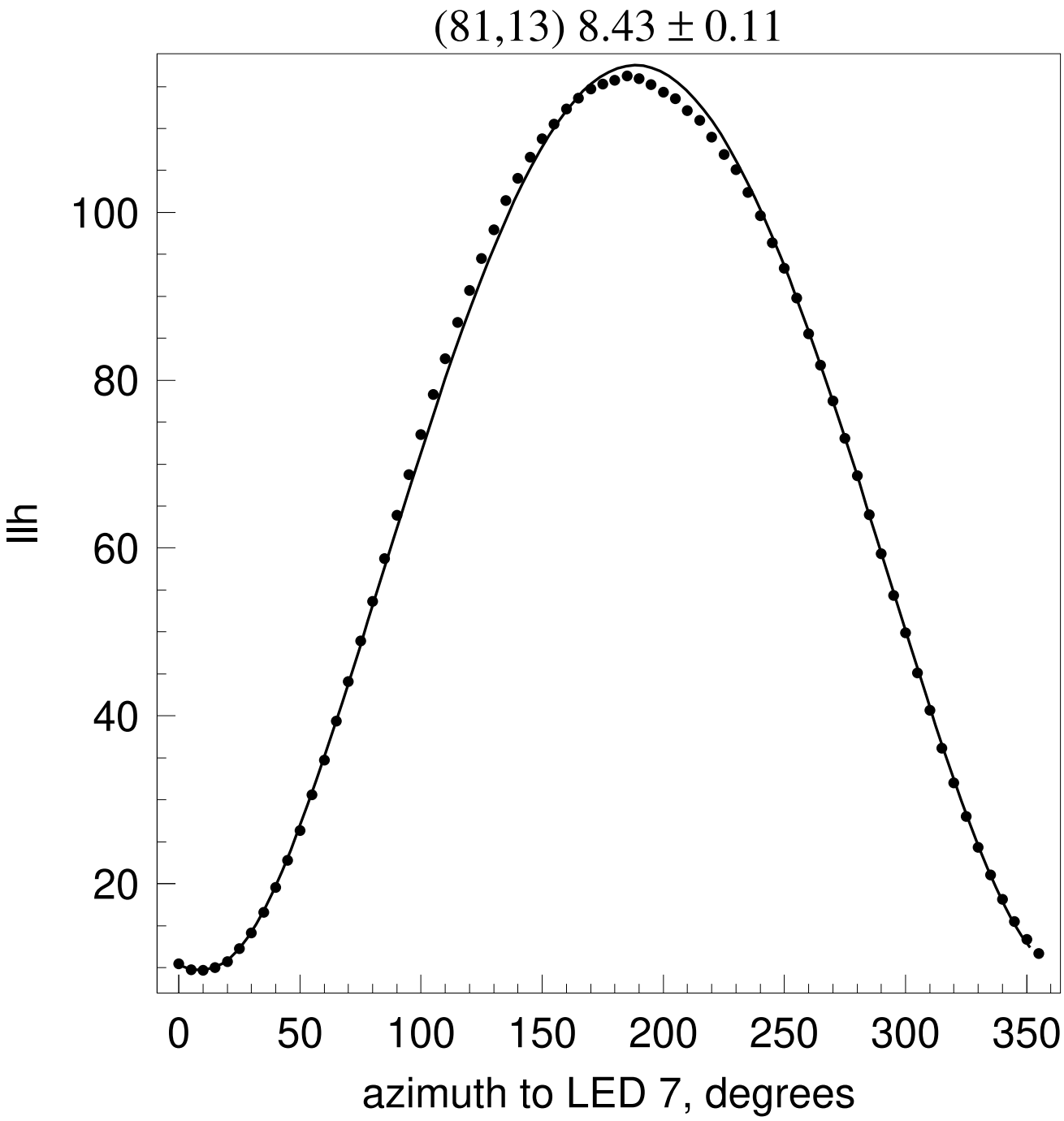

(81,8) 106.65 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

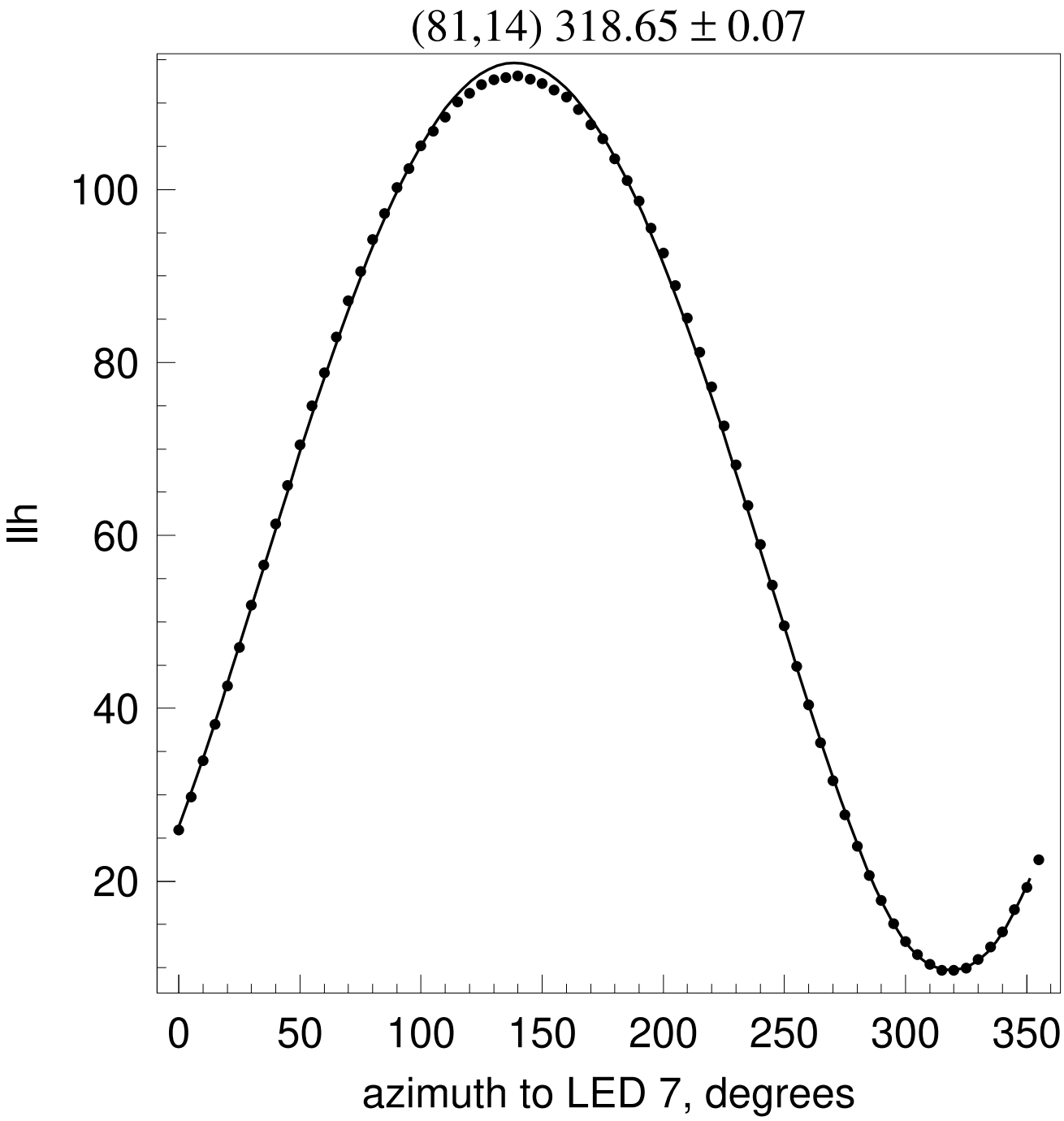

(81,9) 69.49 ± 0.05
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

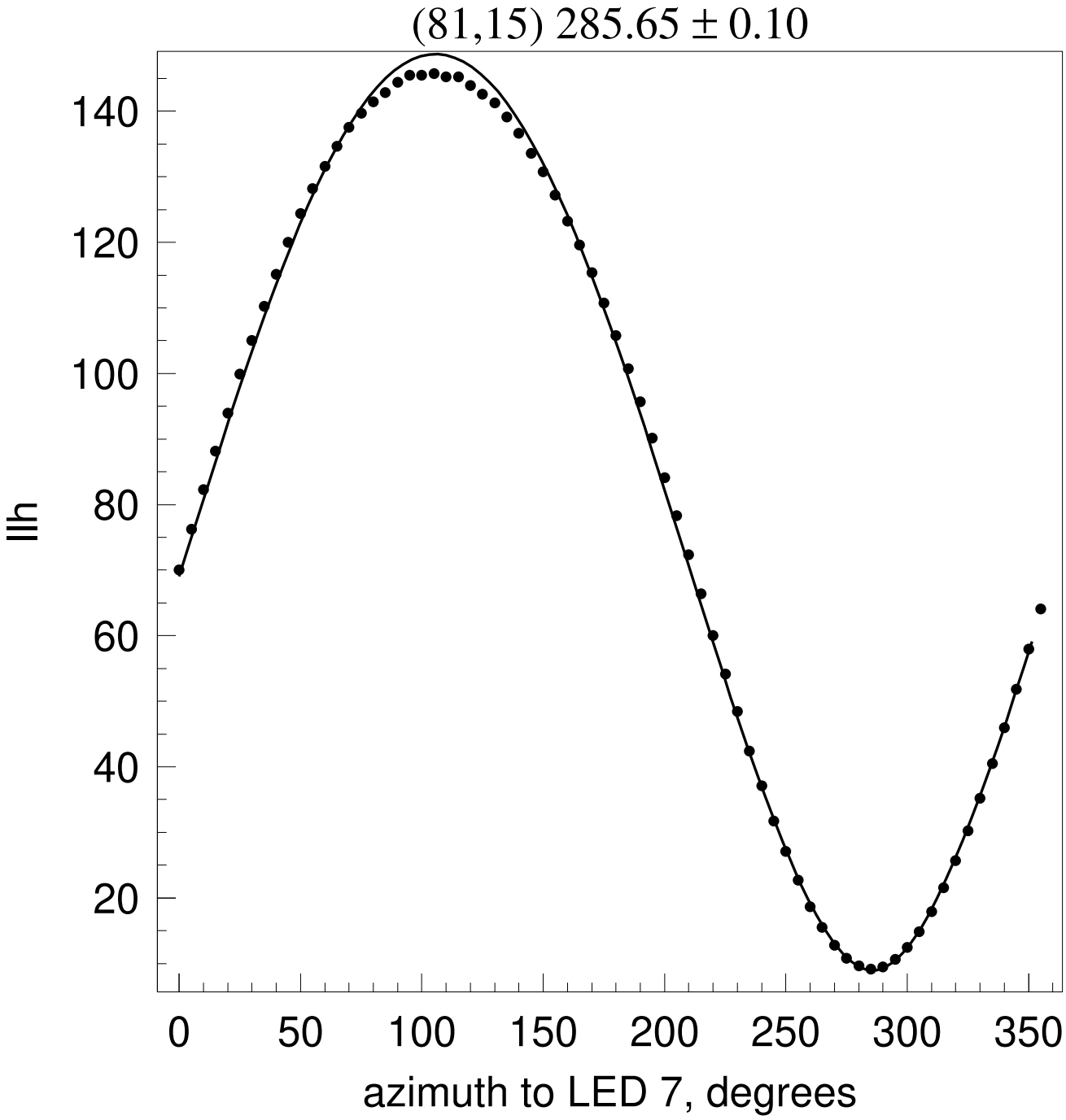

(81,10) 354.37 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

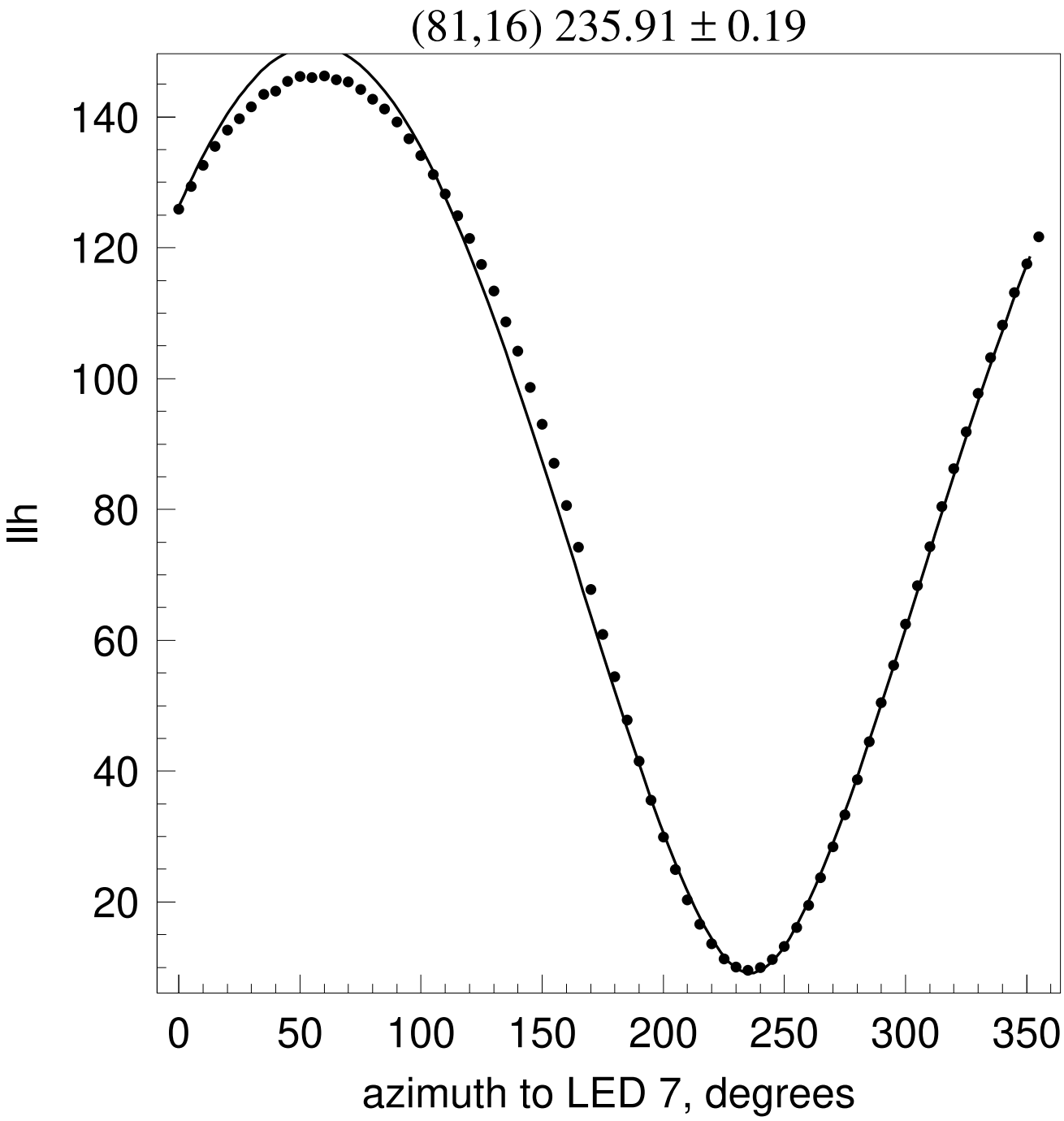

(81,11) 69.56 ± 0.10
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

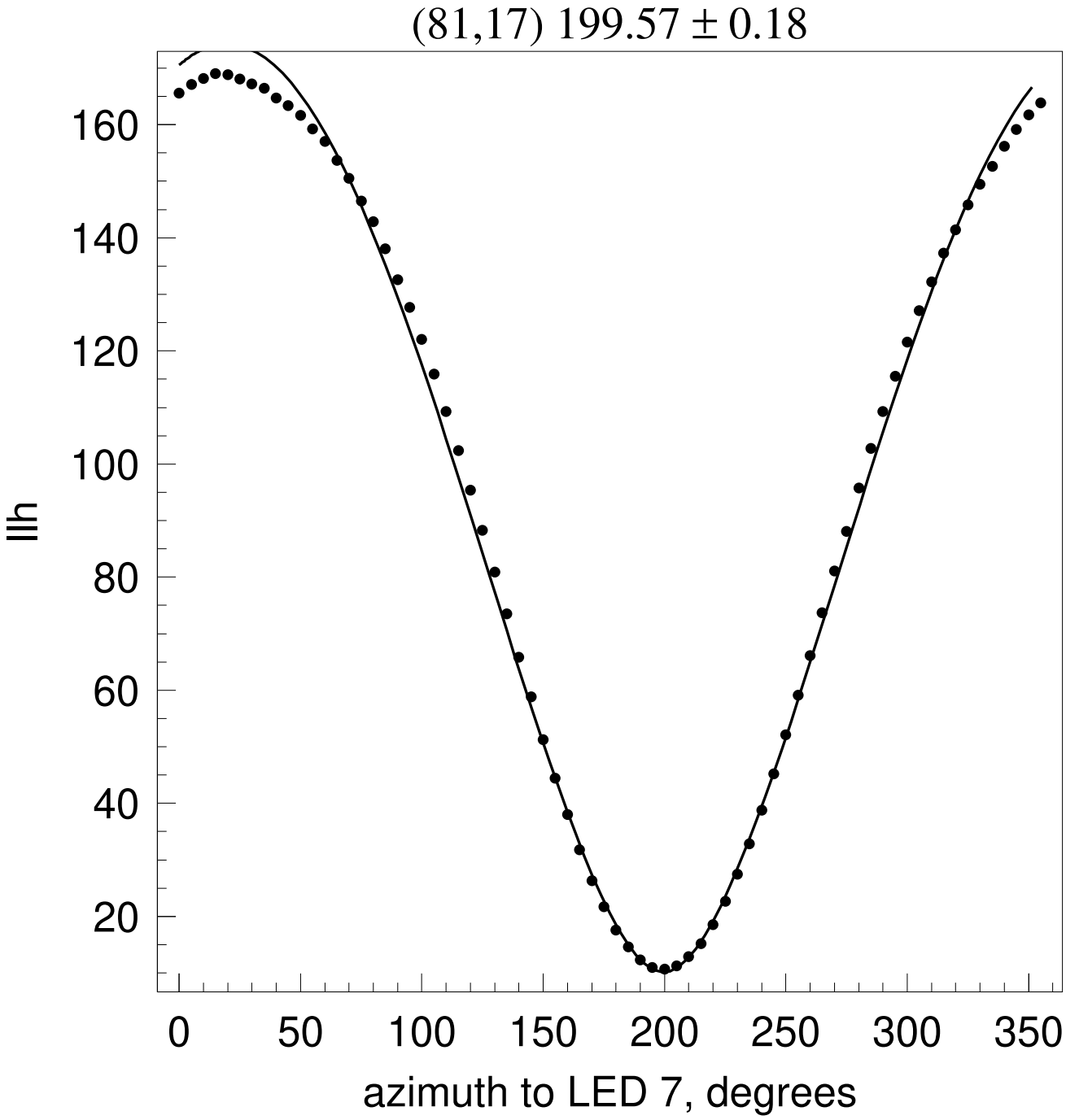

(81,12) 9.40 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

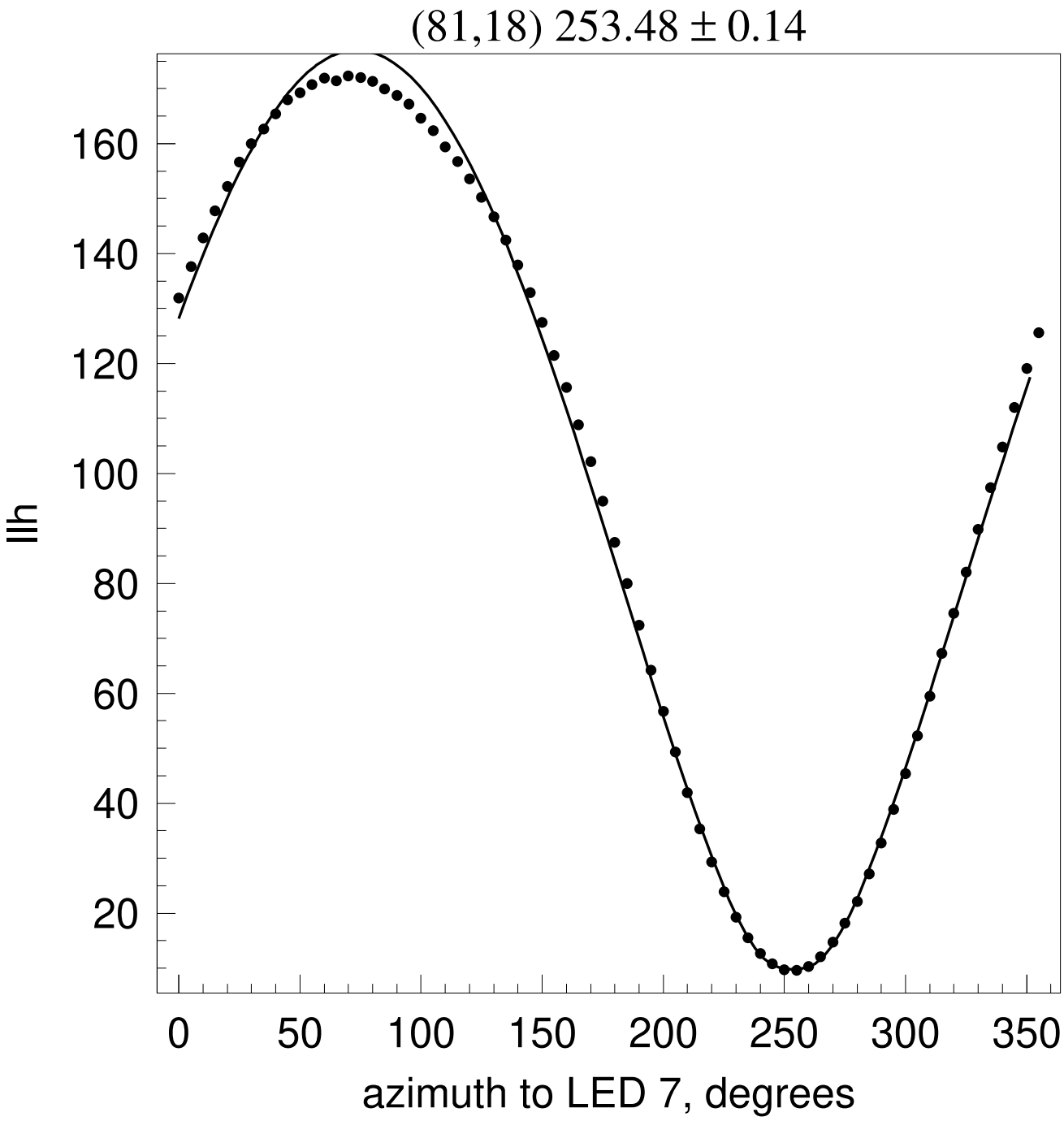

(81,13) 8.43 ± 0.11
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

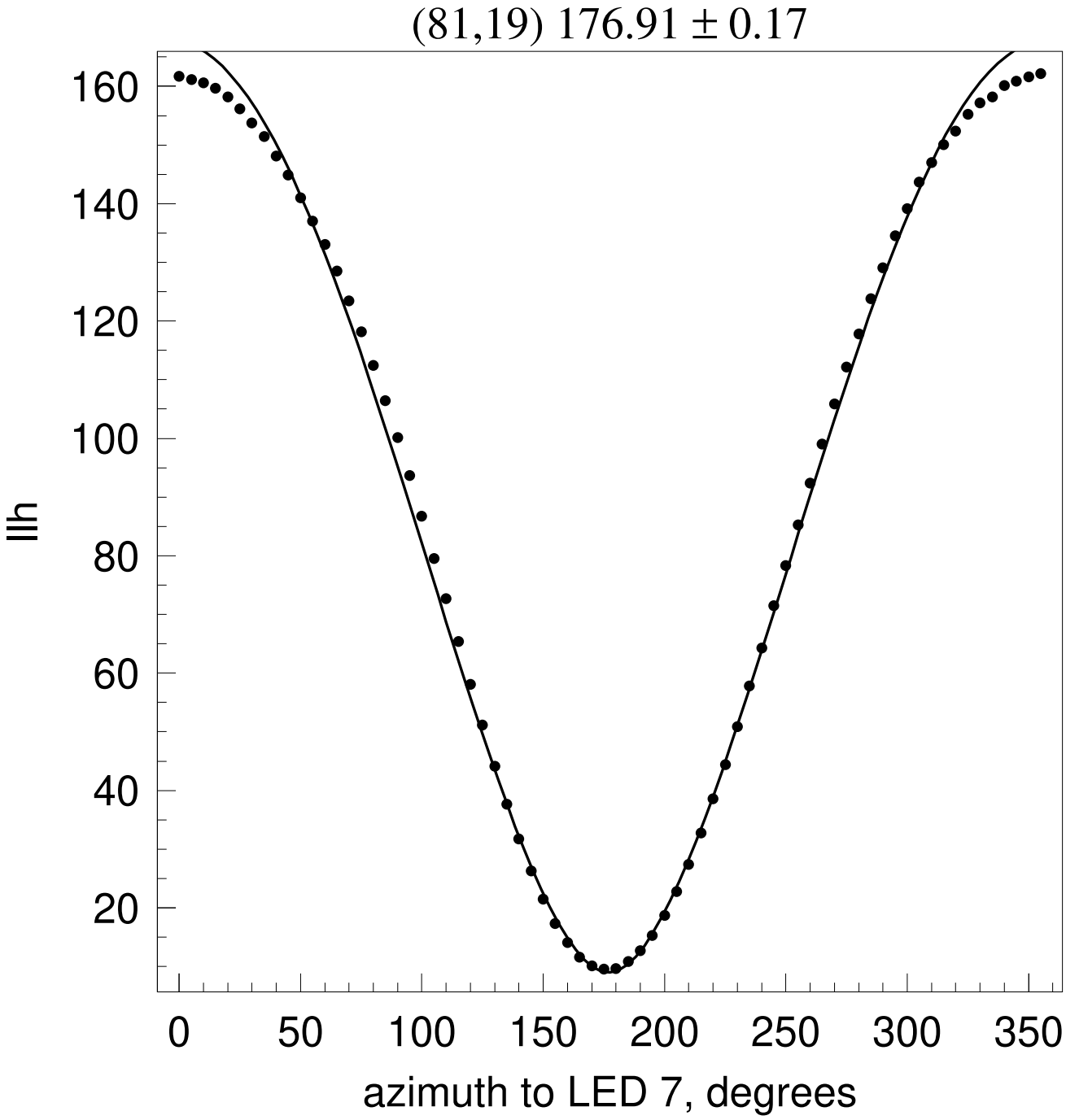

(81,14) 318.65 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

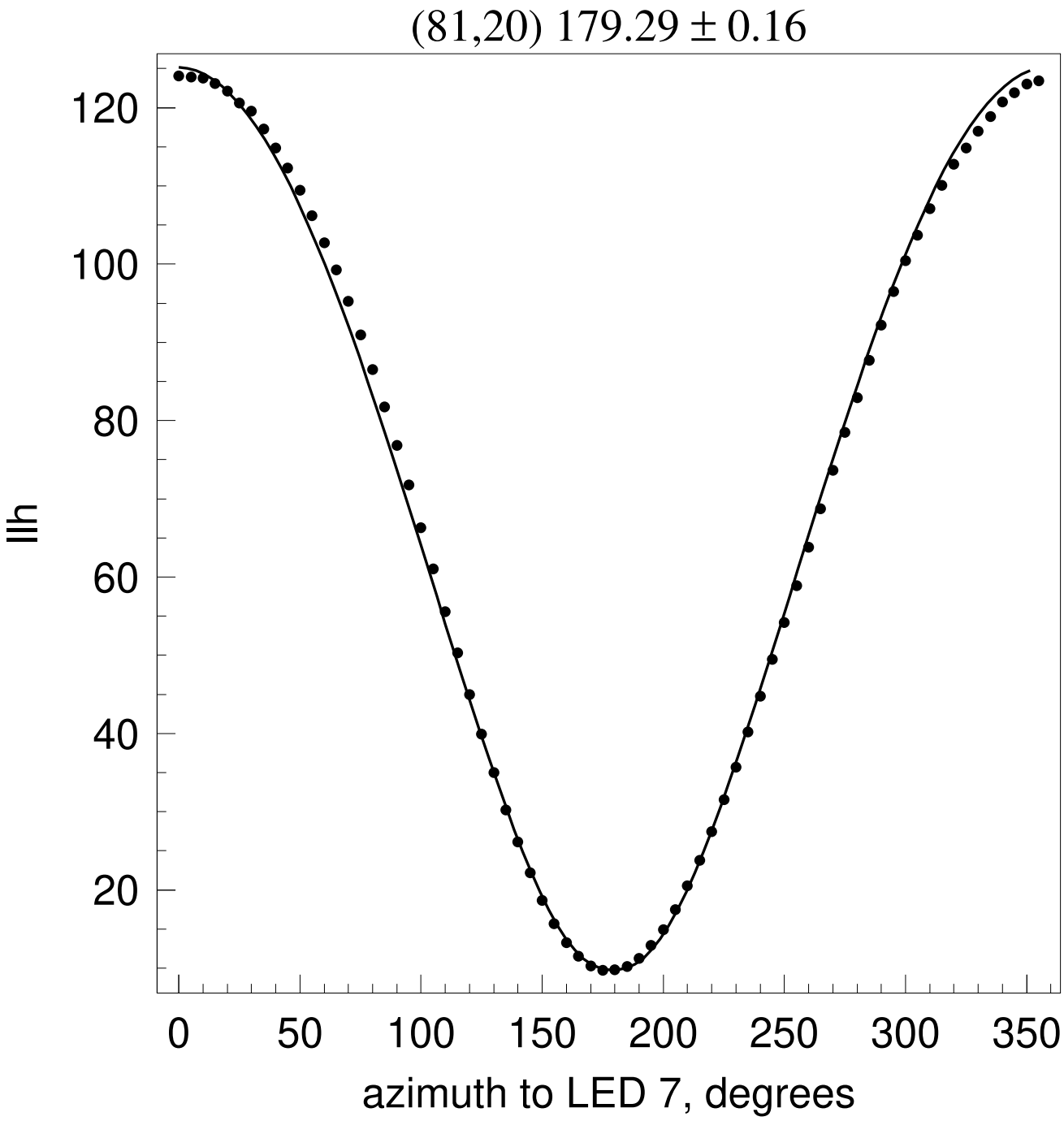

(81,15) 285.65 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

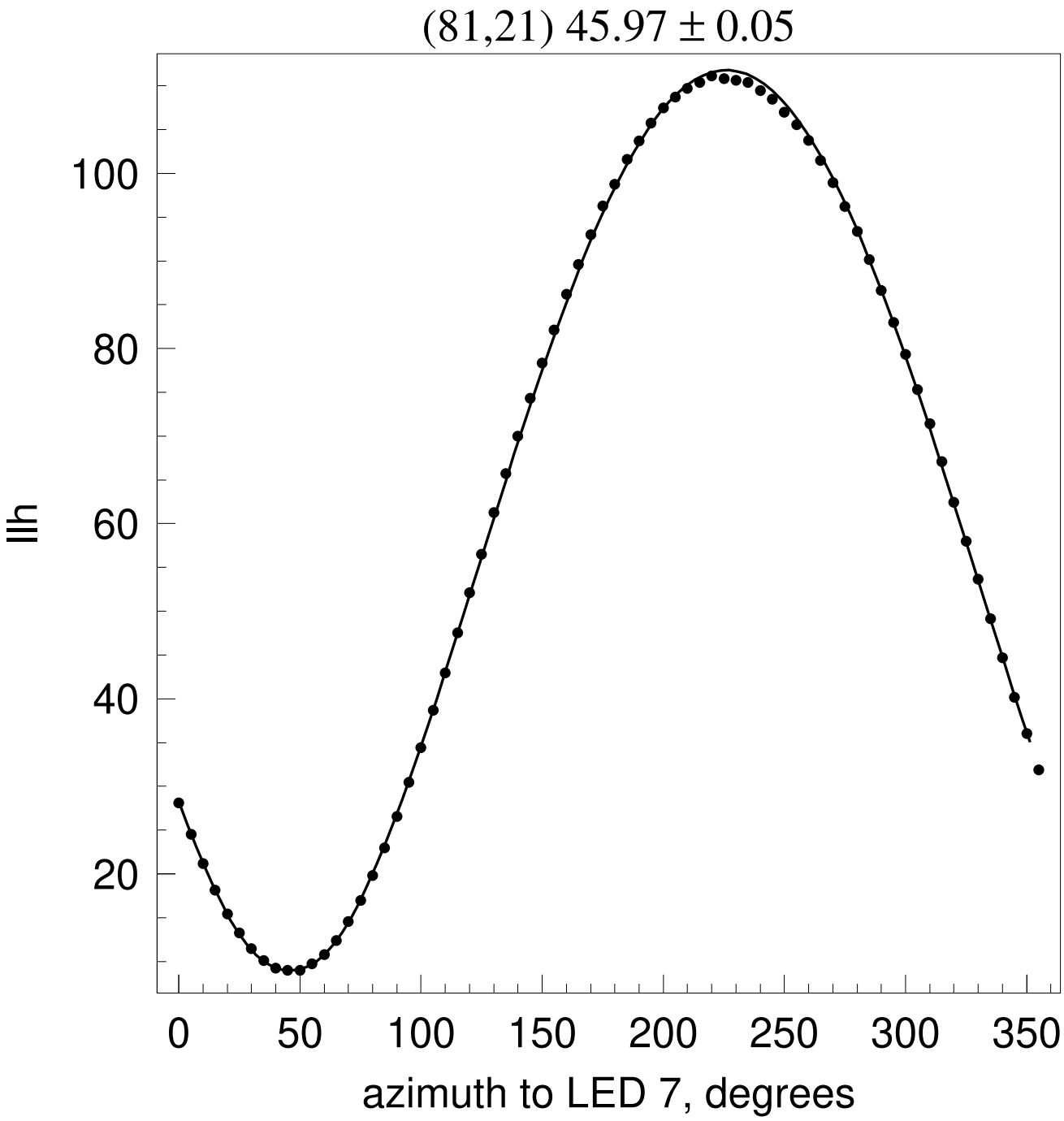

(81,16) 235.91 ± 0.19
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

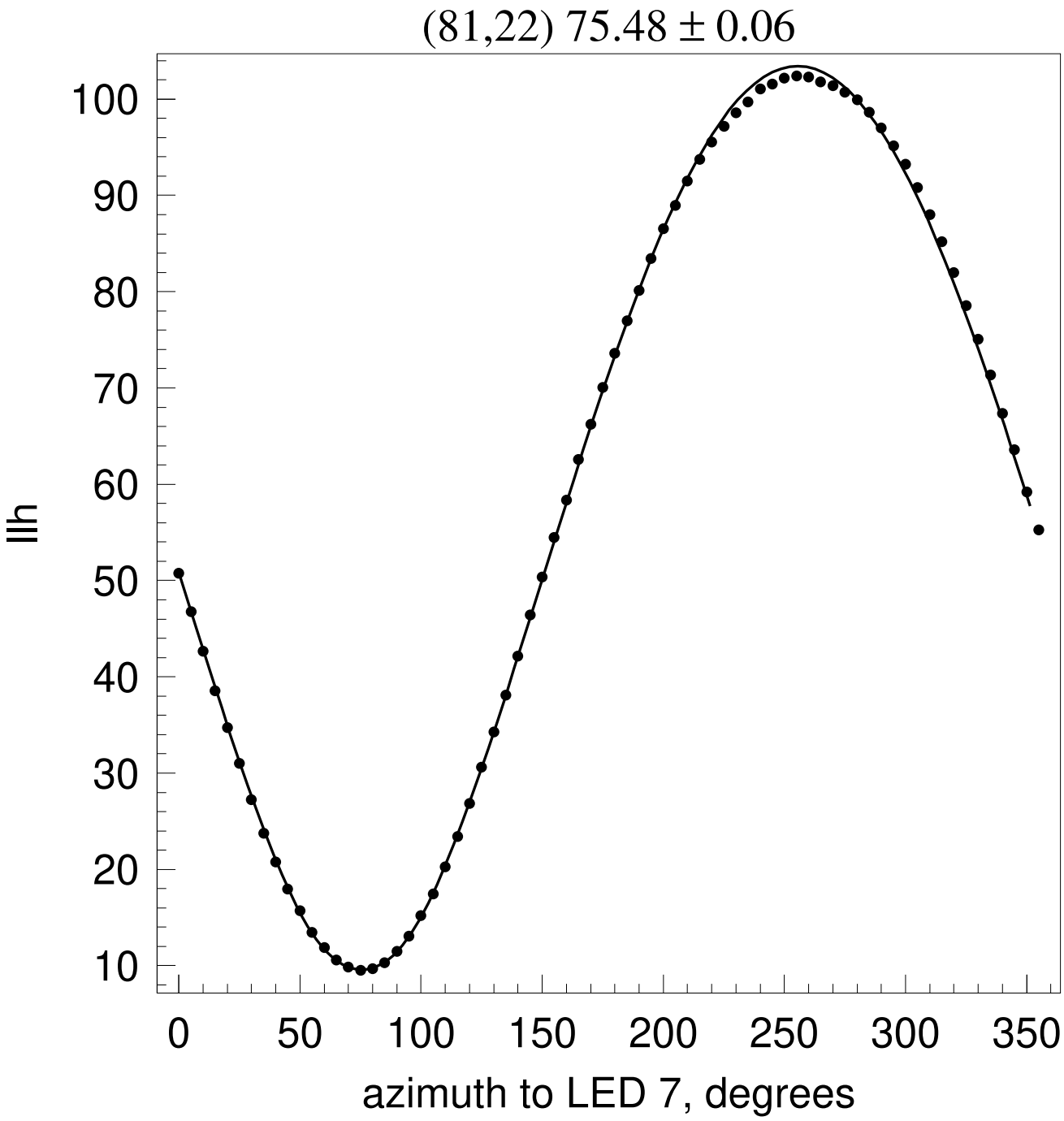

(81,17) 199.57 ± 0.18
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

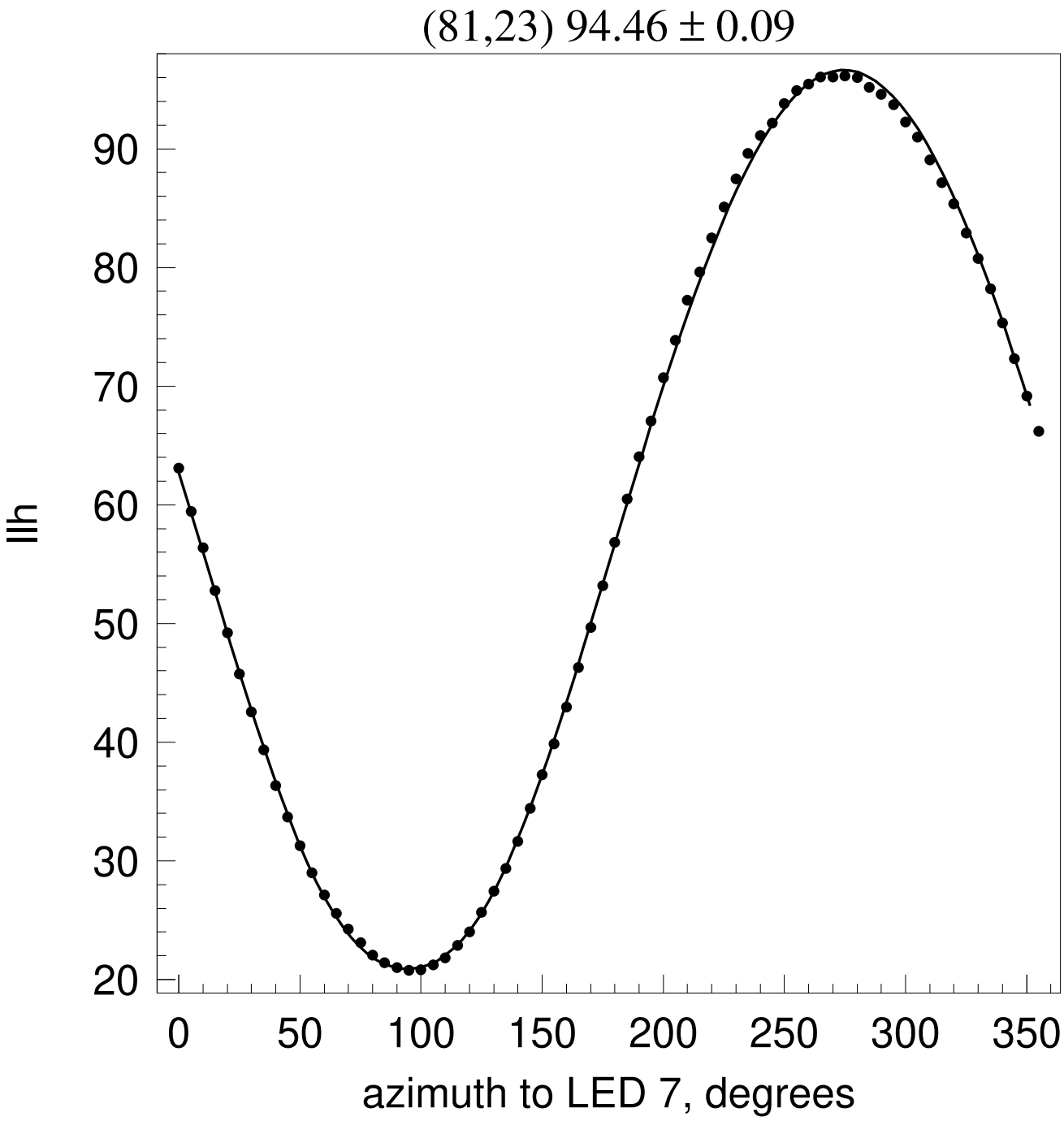

(81,18) 253.48 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

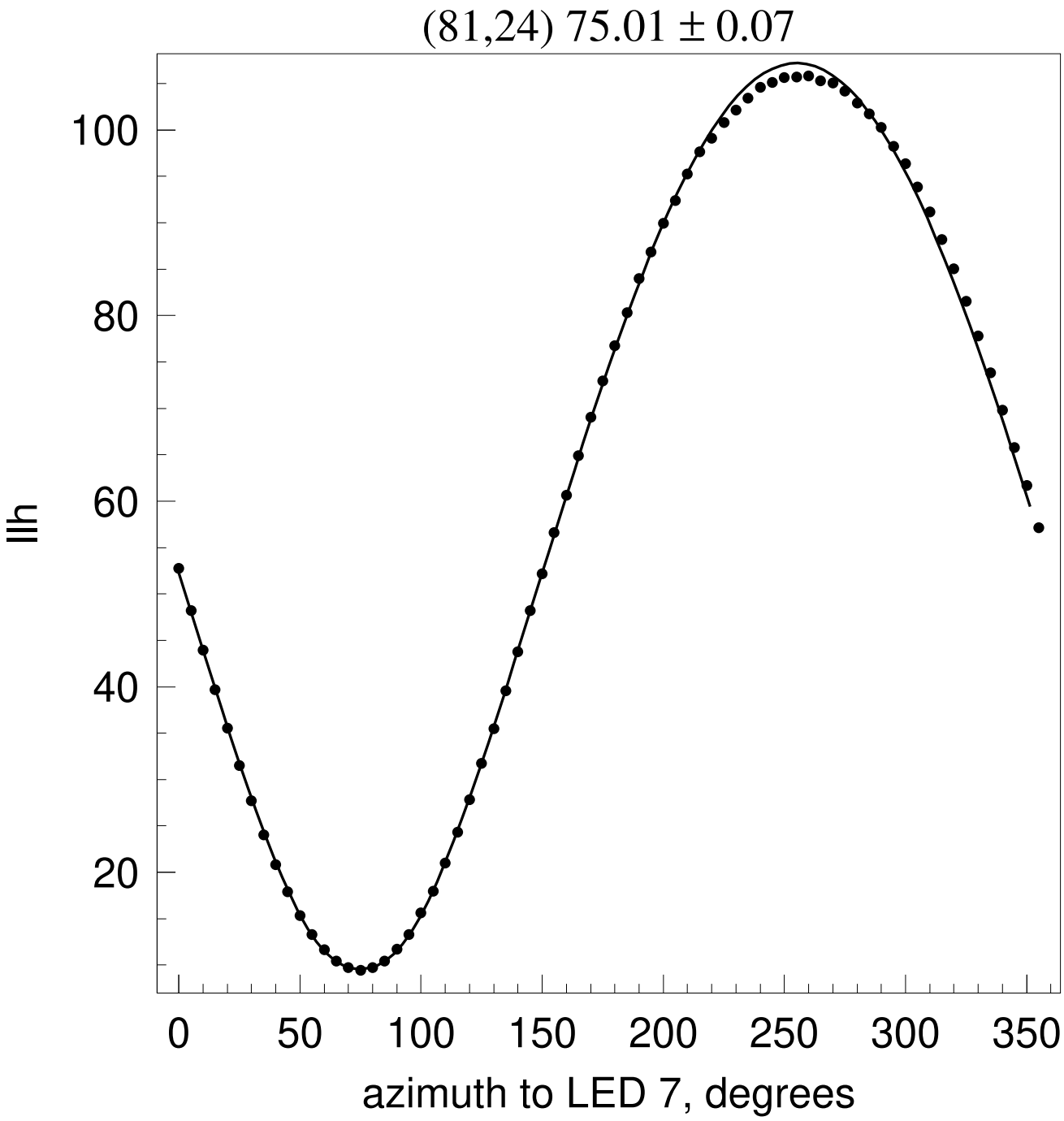

(81,19) 176.91 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

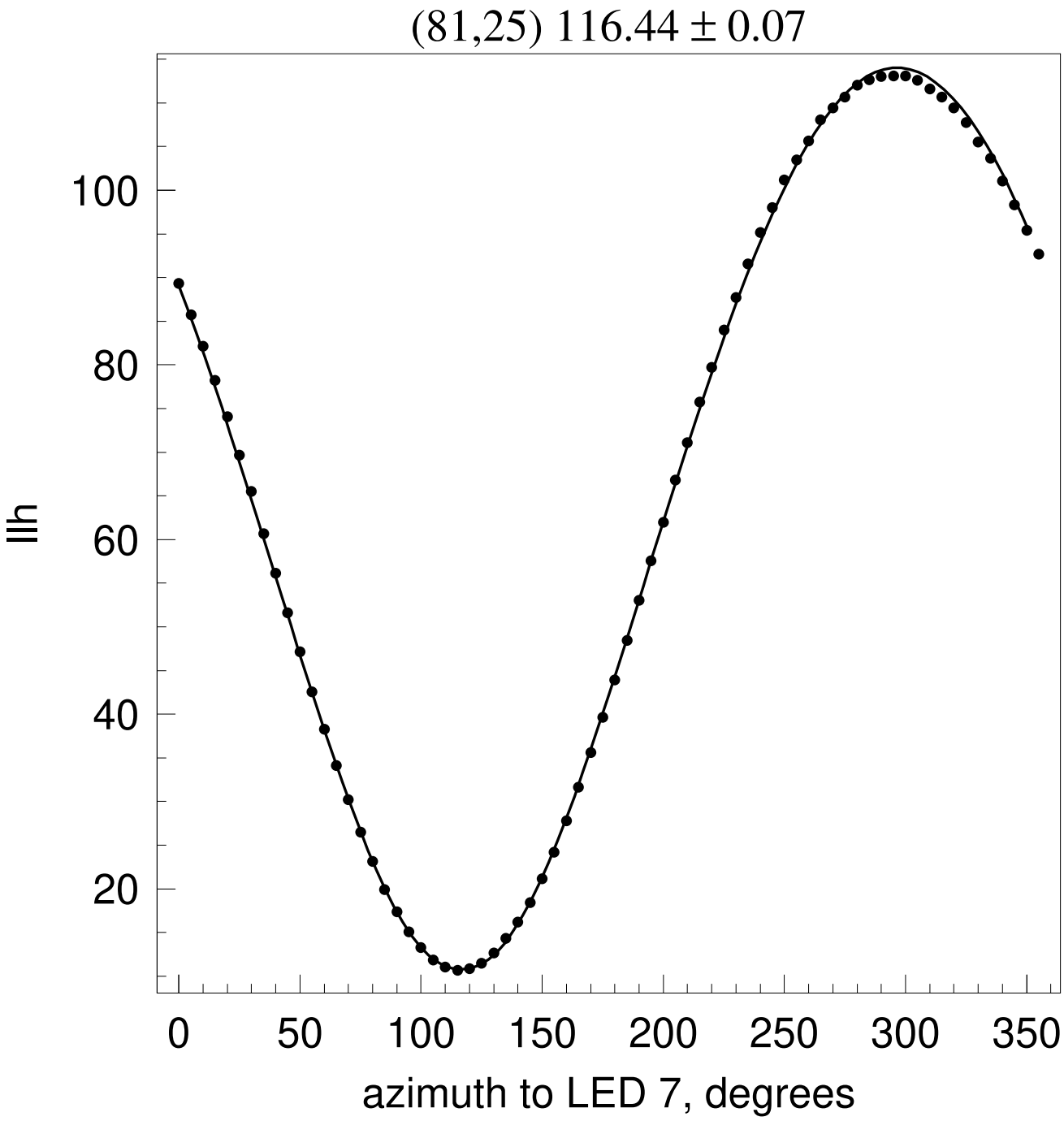

(81,20) 179.29 ± 0.16
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

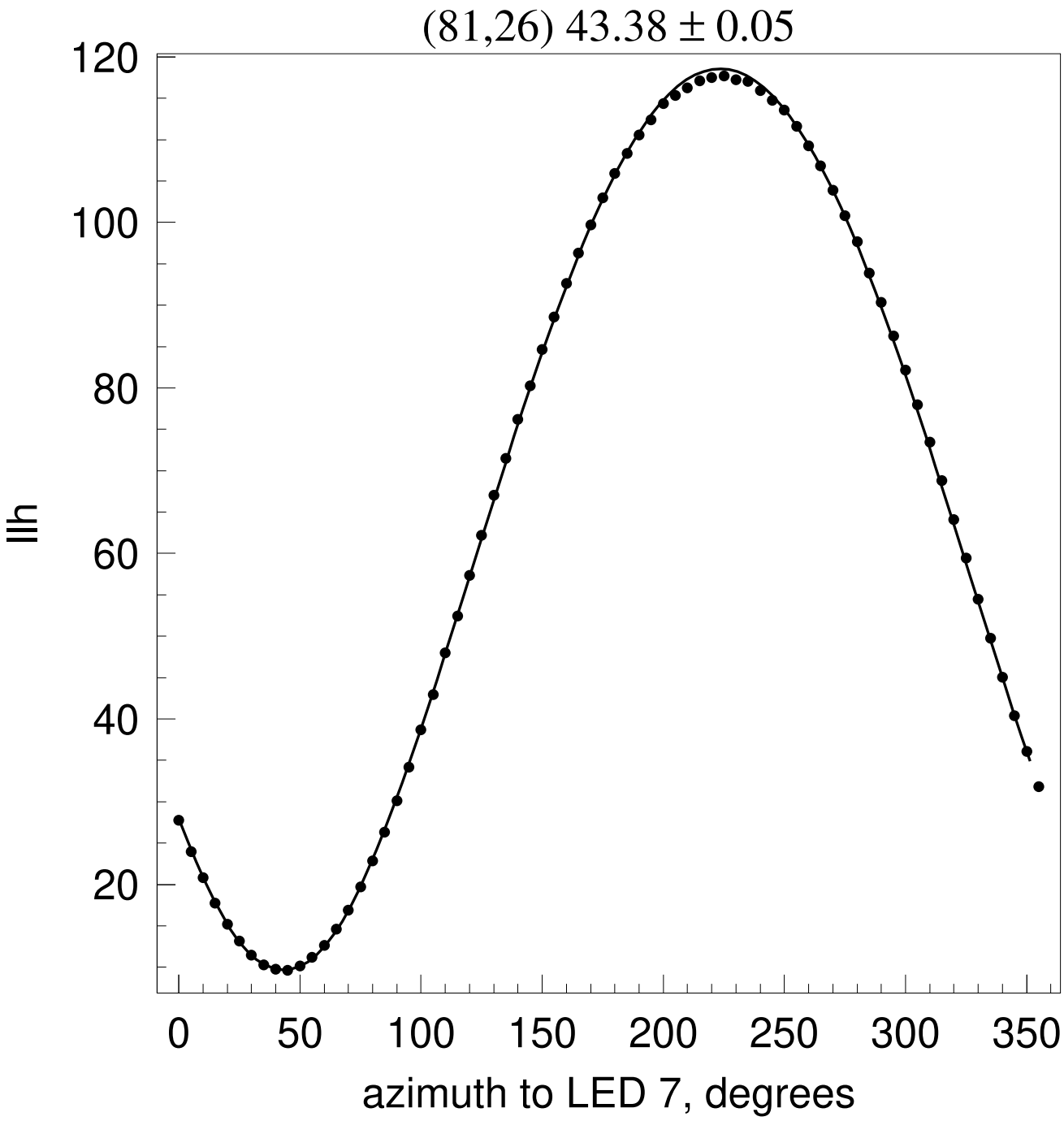

(81,21) 45.97 ± 0.05
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

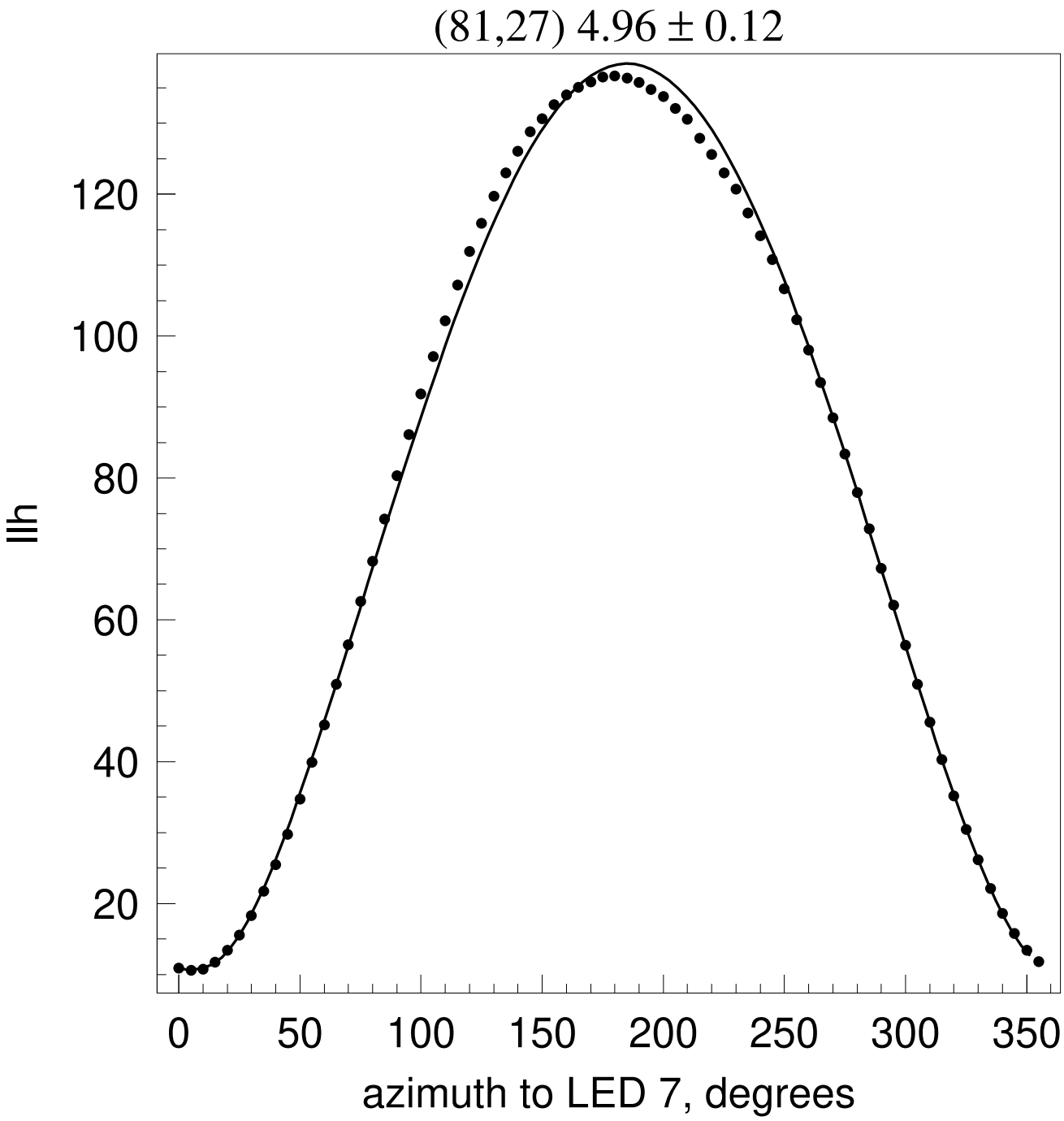

(81,22) 75.48 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

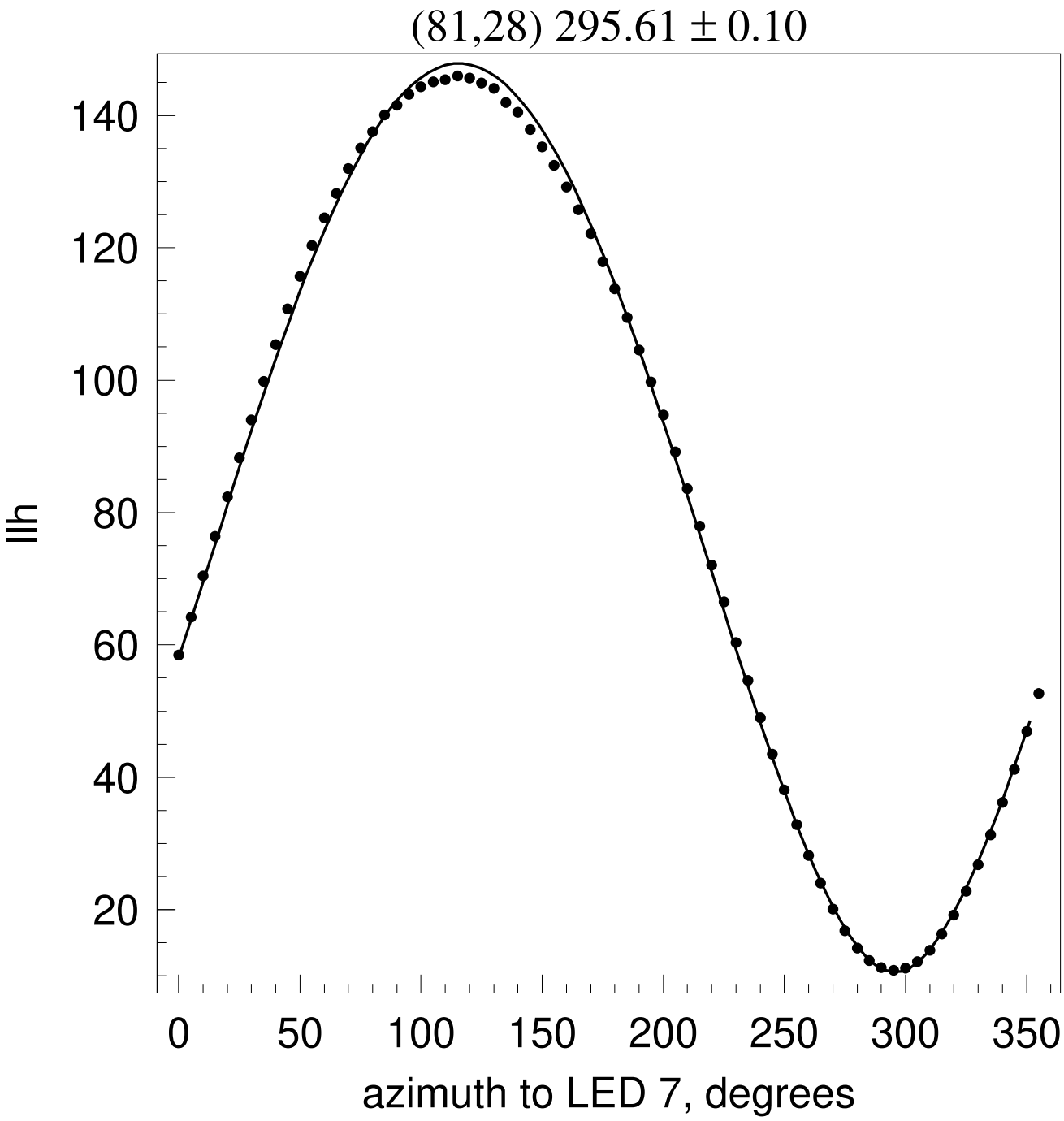

(81,23) 94.46 ± 0.09
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

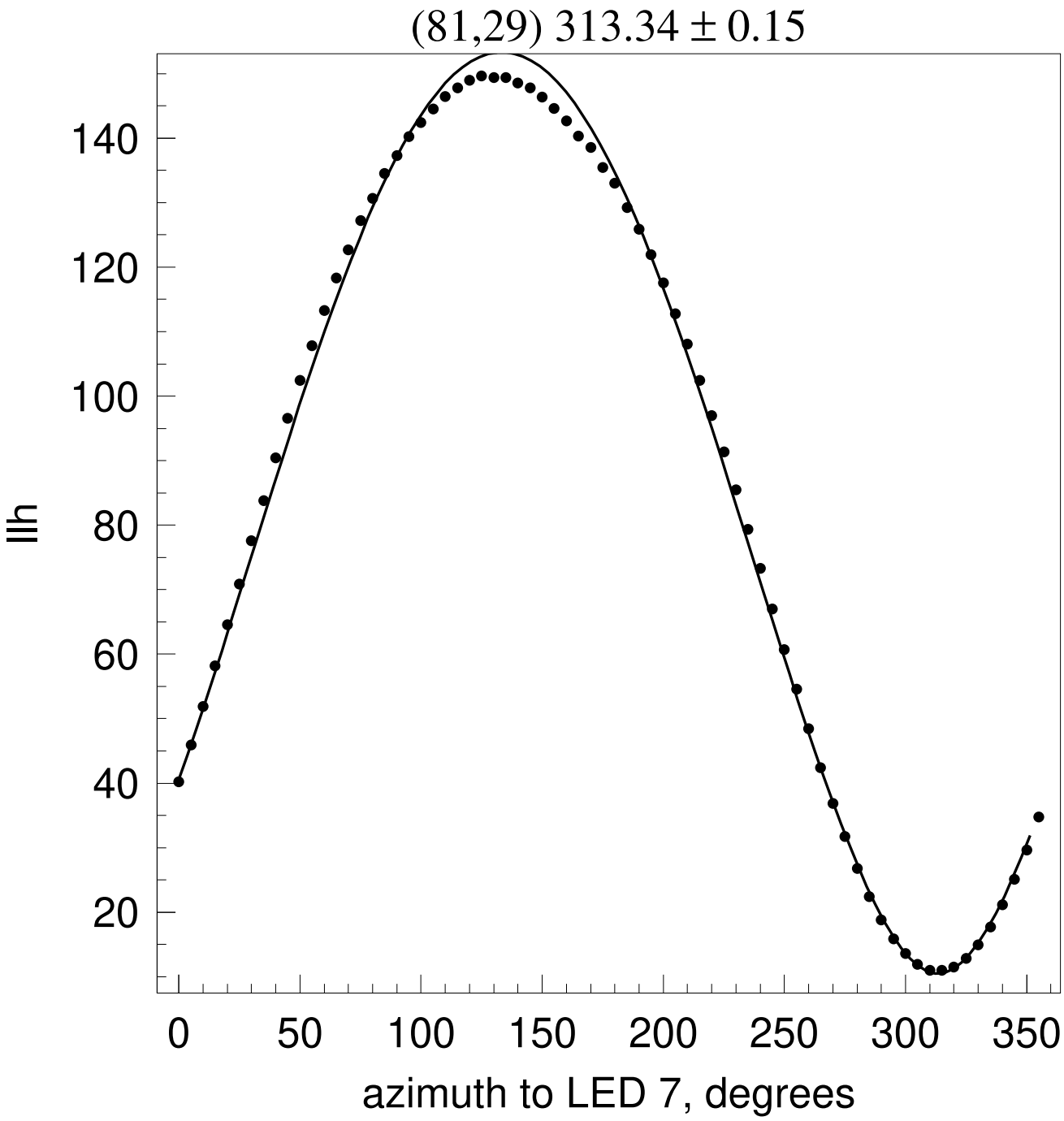

(81,24) 75.01 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

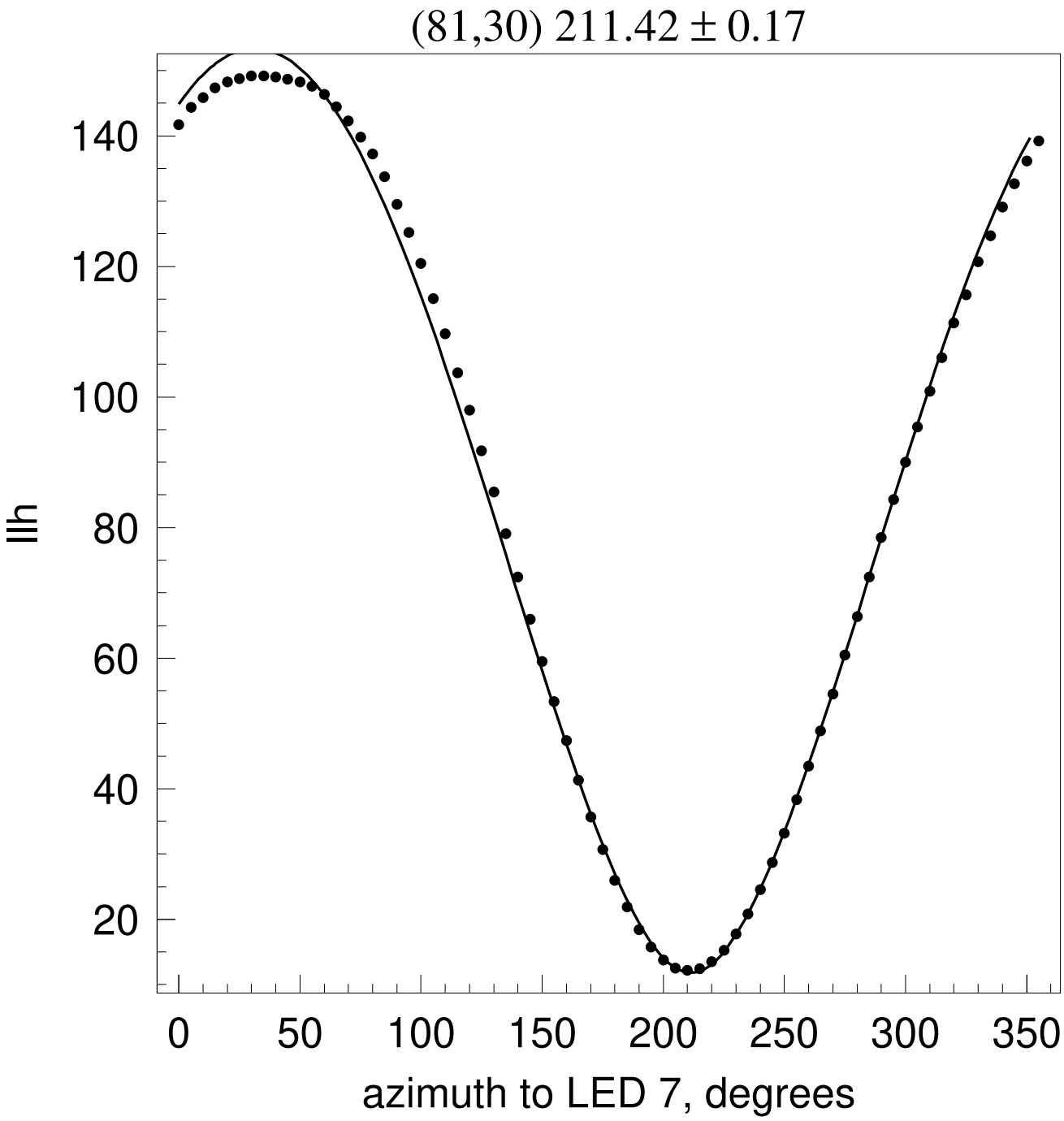

(81,25) 116.44 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

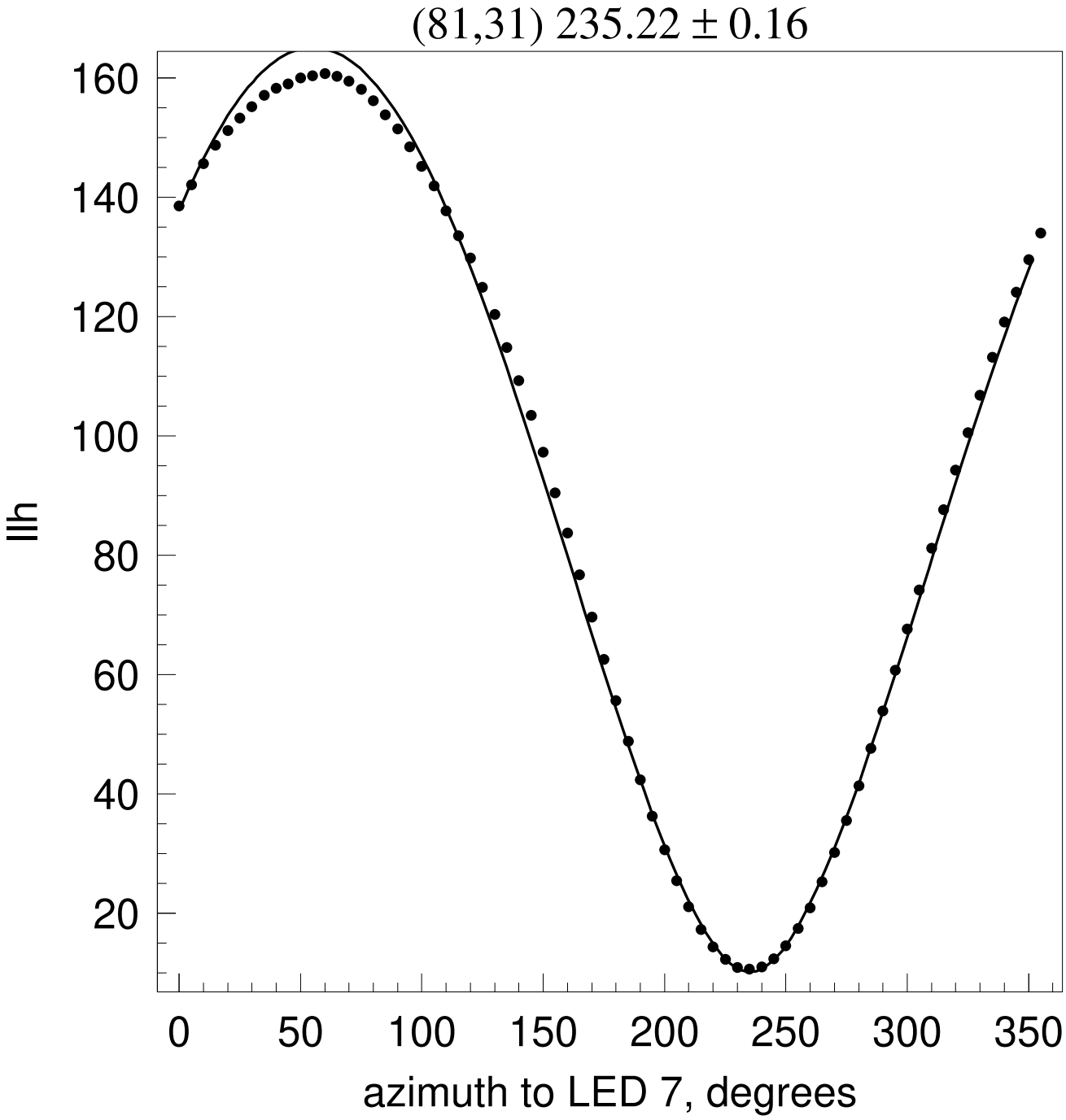

(81,26) 43.38 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

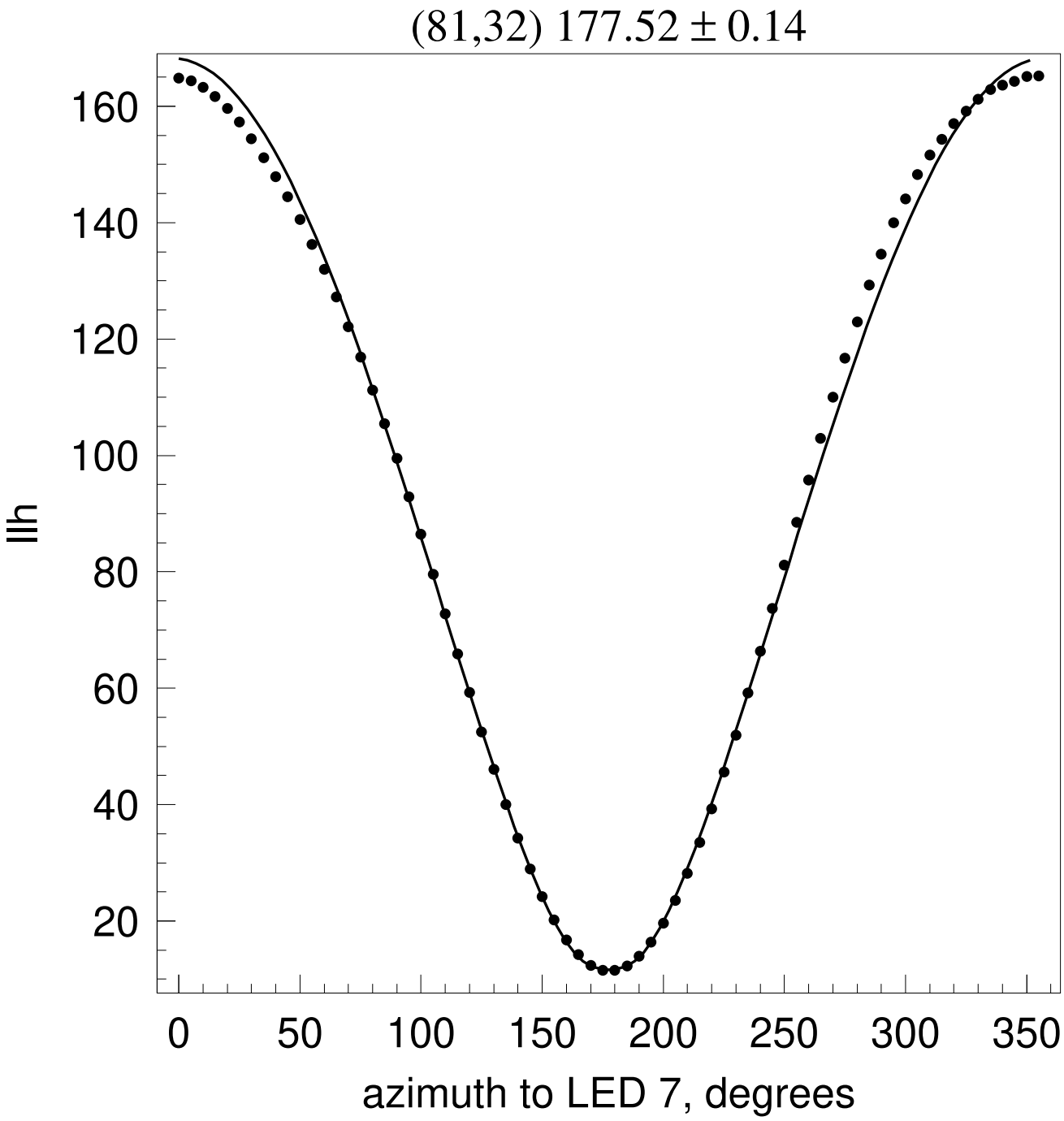

(81,27) 4.96 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

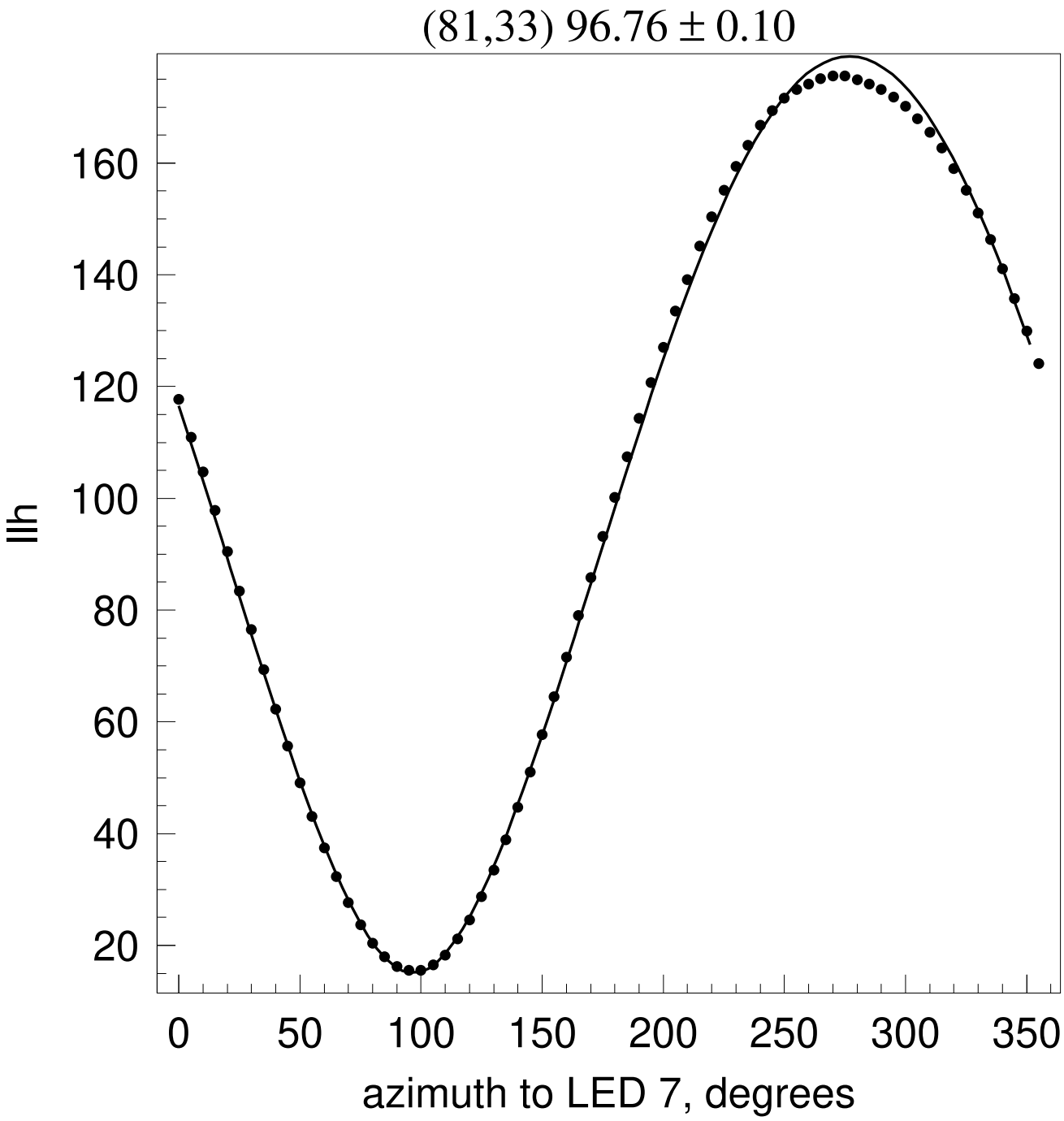

(81,28) 295.61 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

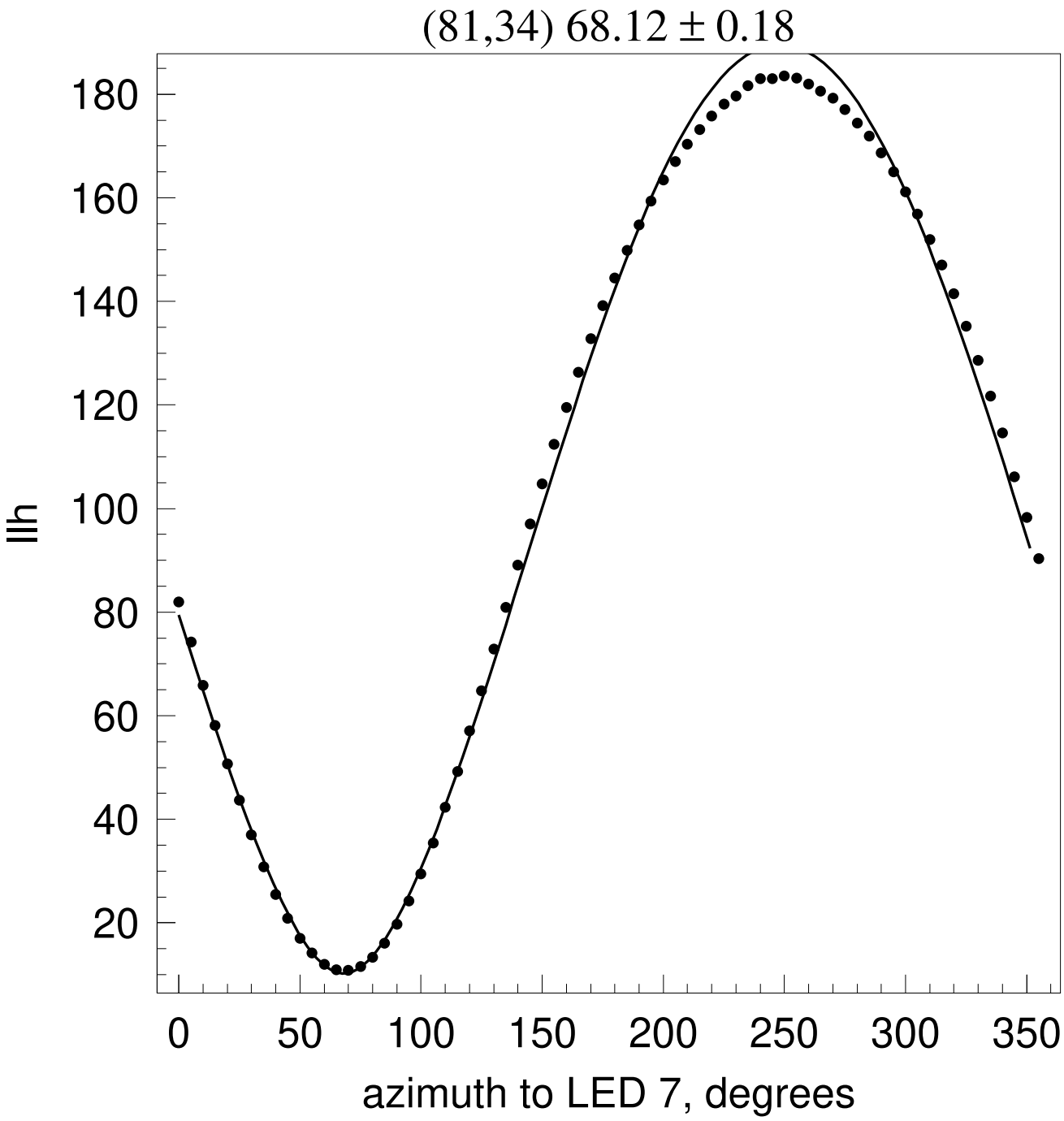

(81,29) 313.34 ± 0.15
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

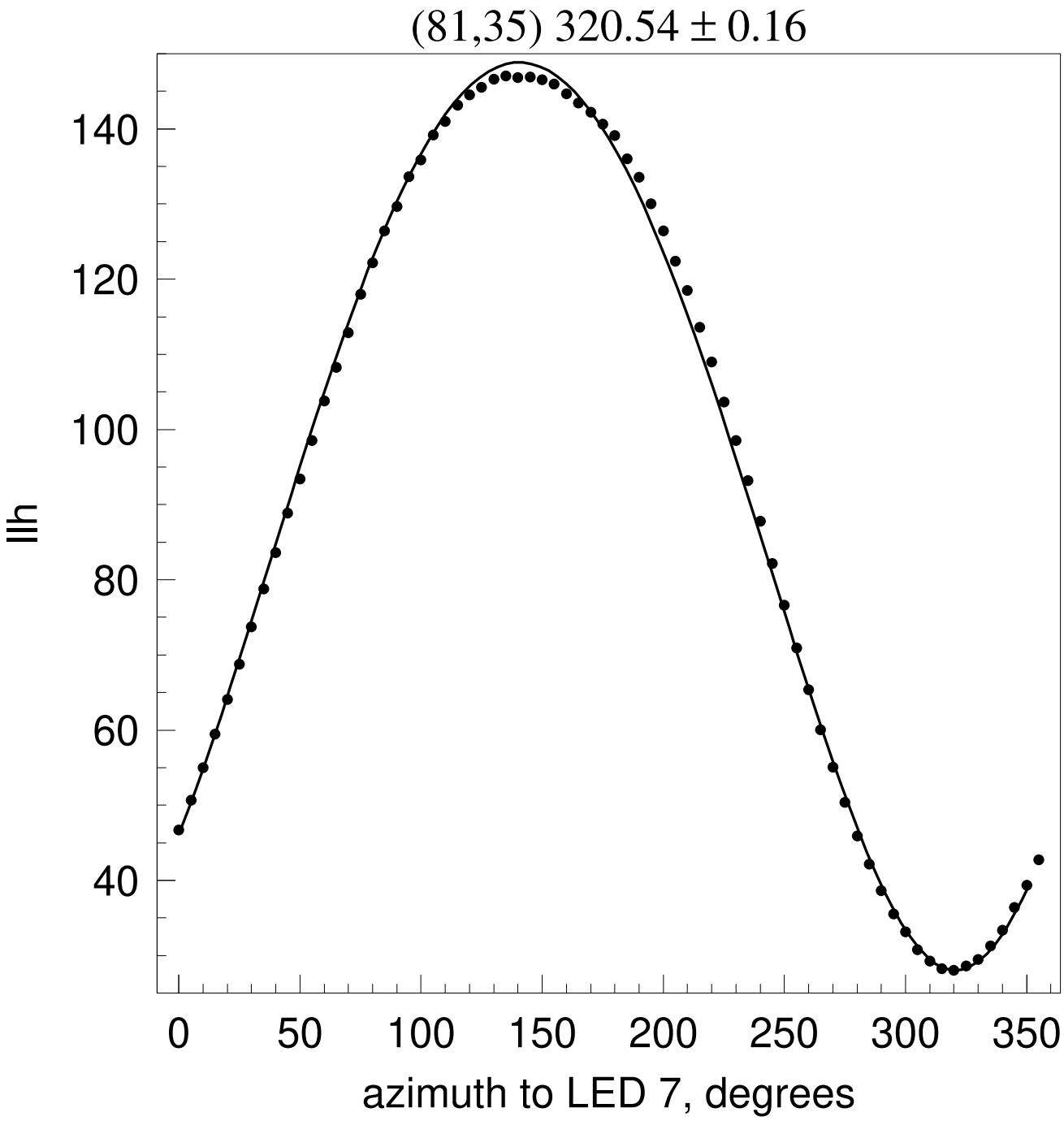

(81,30) 211.42 ± 0.17
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

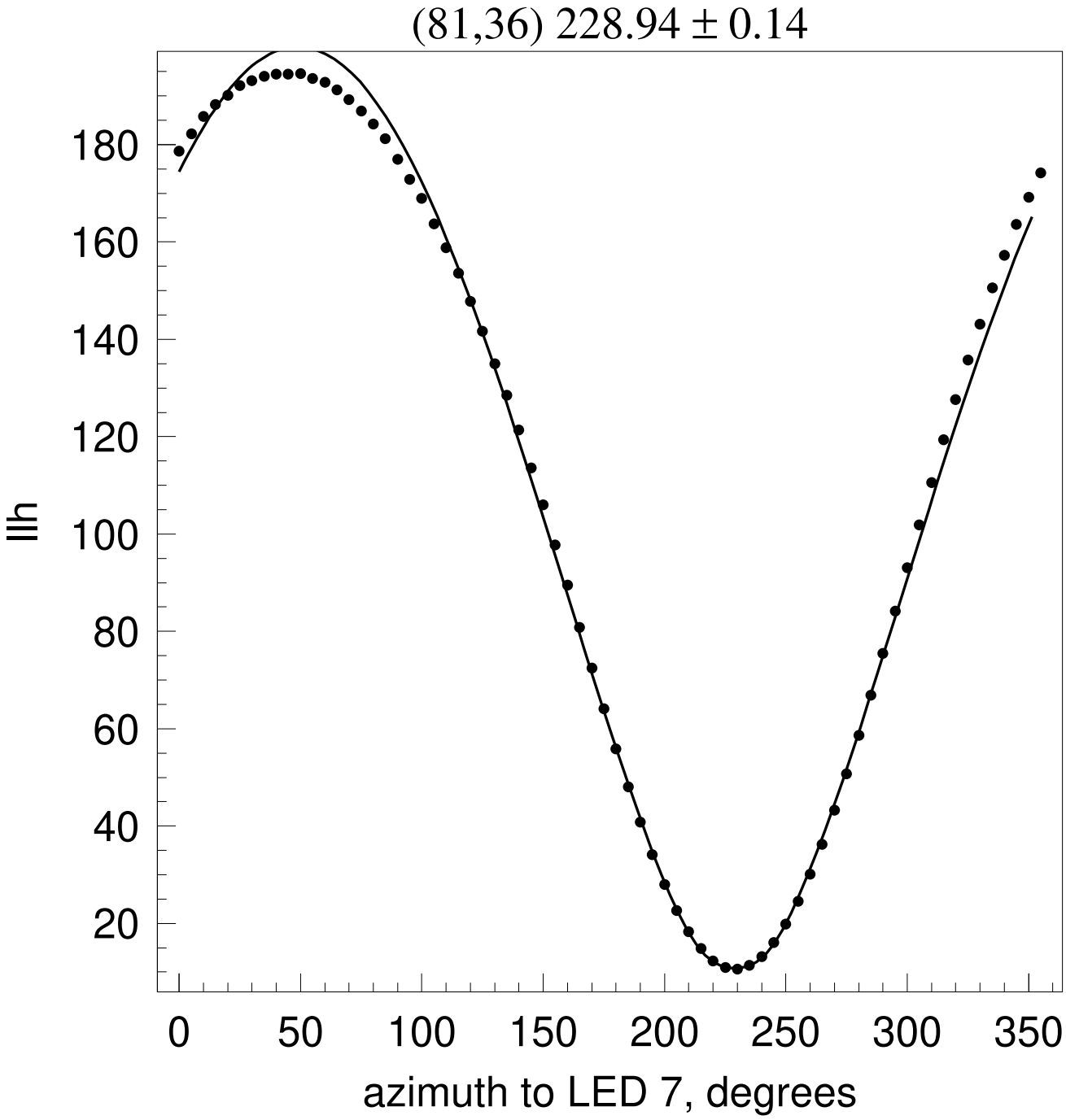

(81,31) 235.22 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

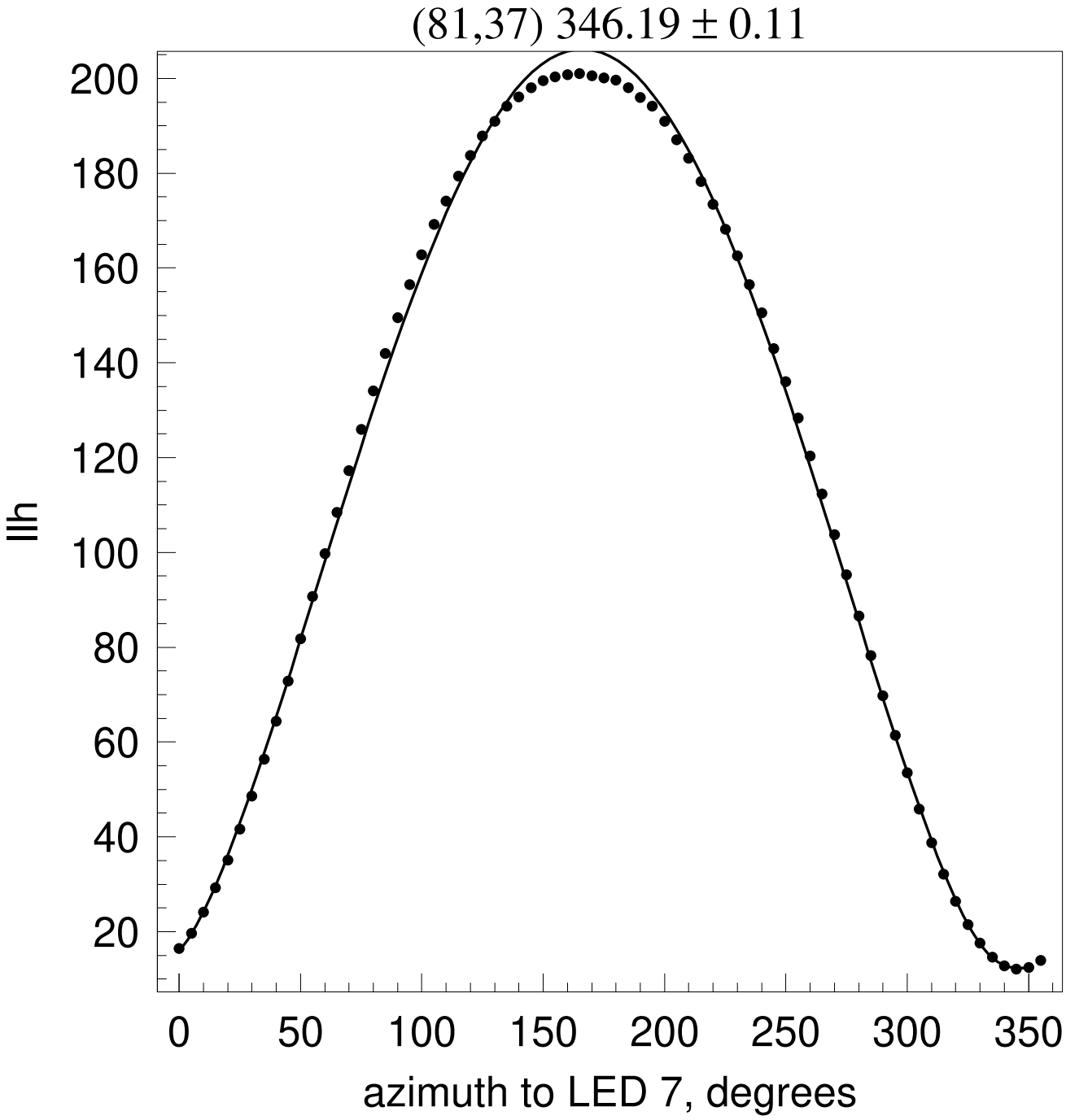

(81,32) 177.52 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

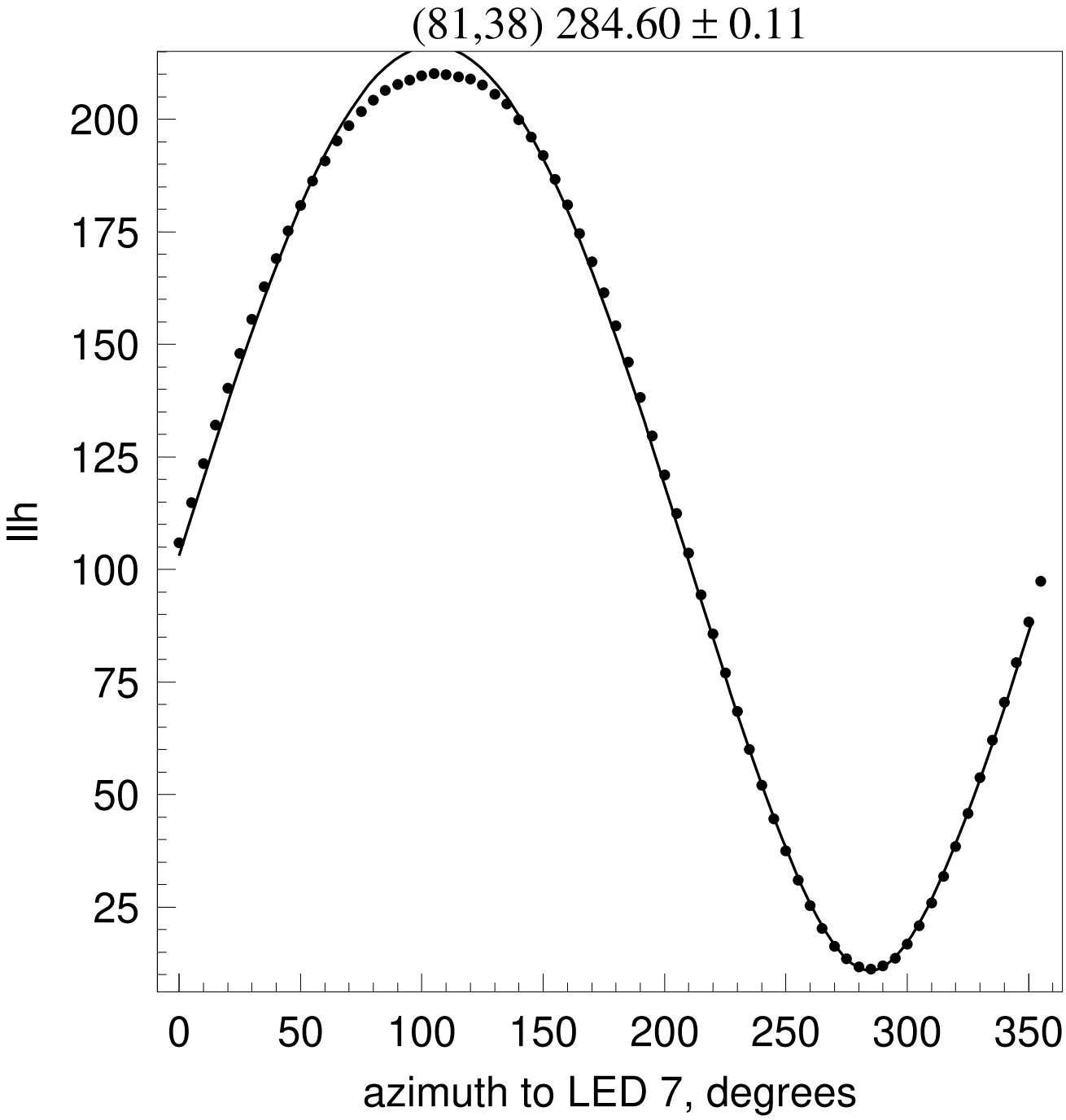

(81,33) 96.76 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

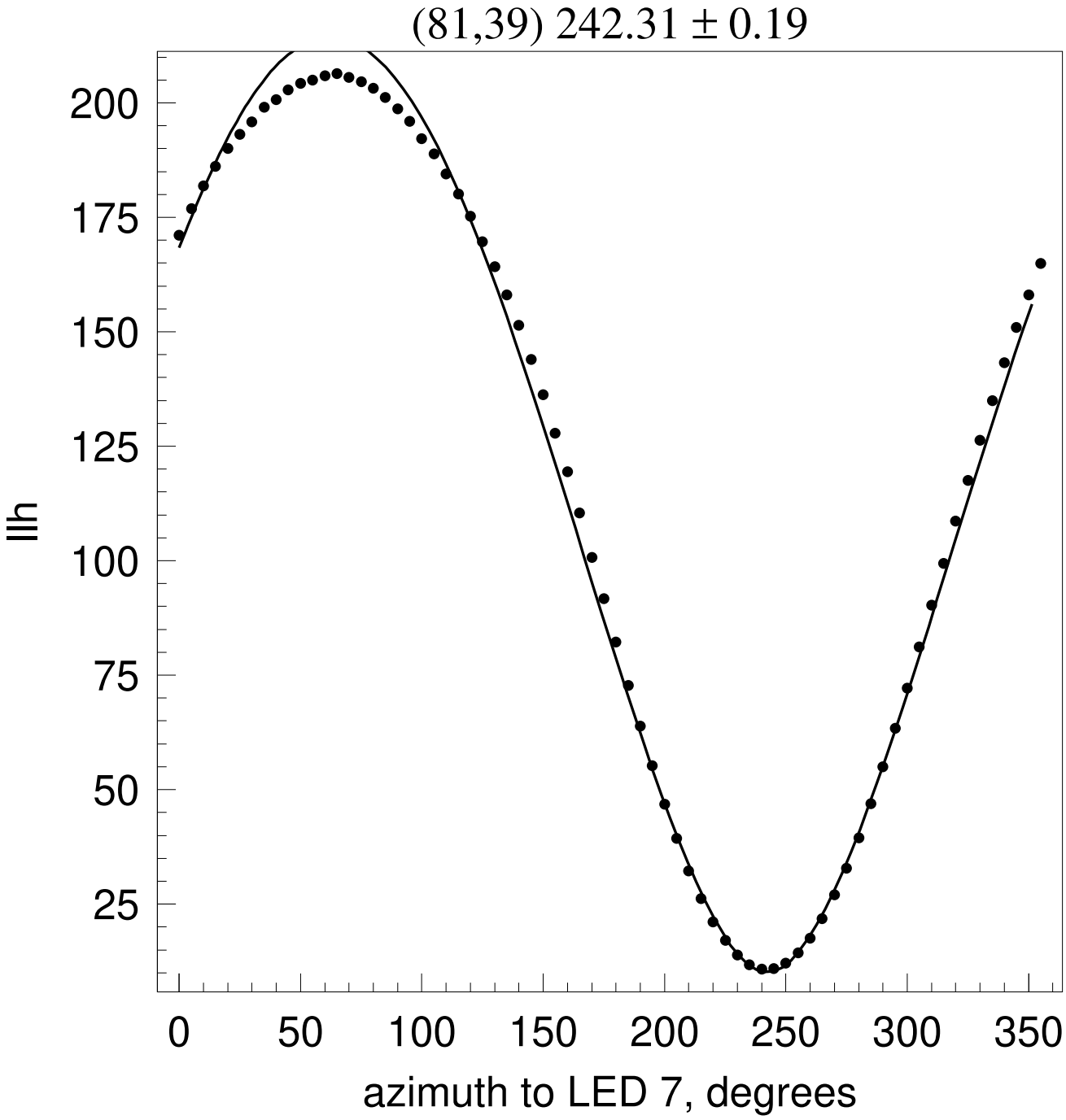

(81,34) 68.12 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

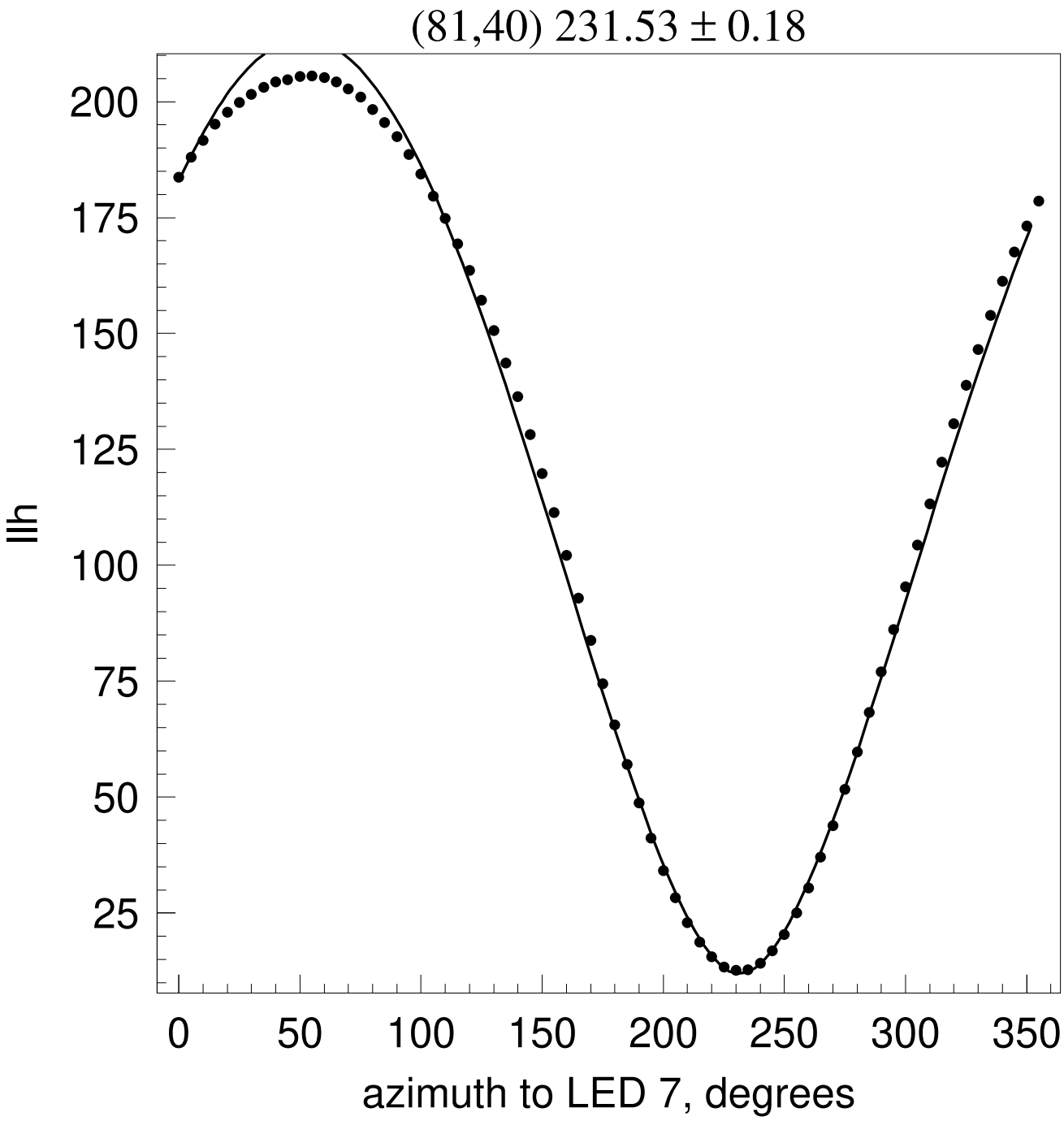

(81,35) 320.54 ± 0.16
140
120
100
80
60
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

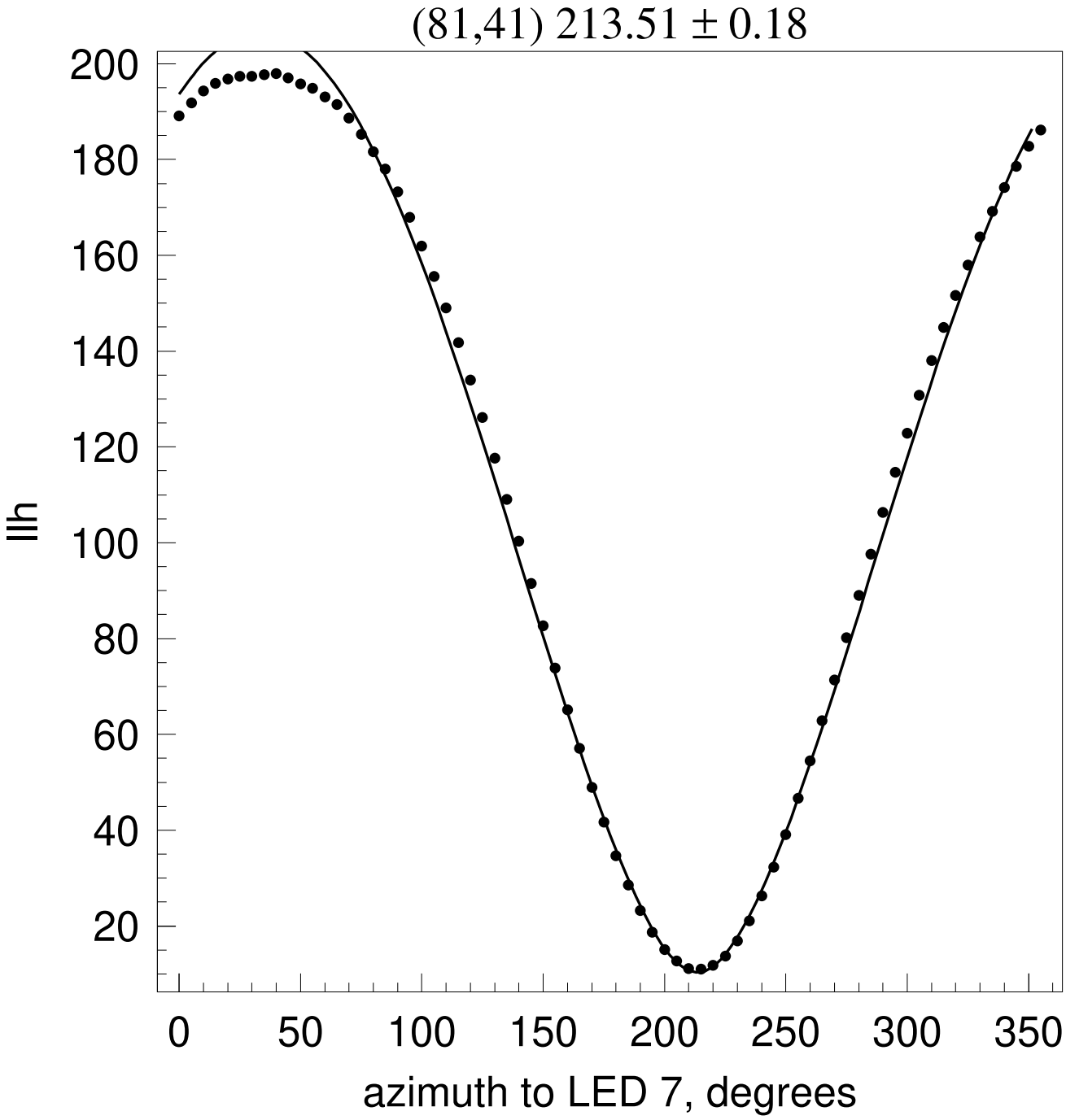

(81,36) 228.94 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

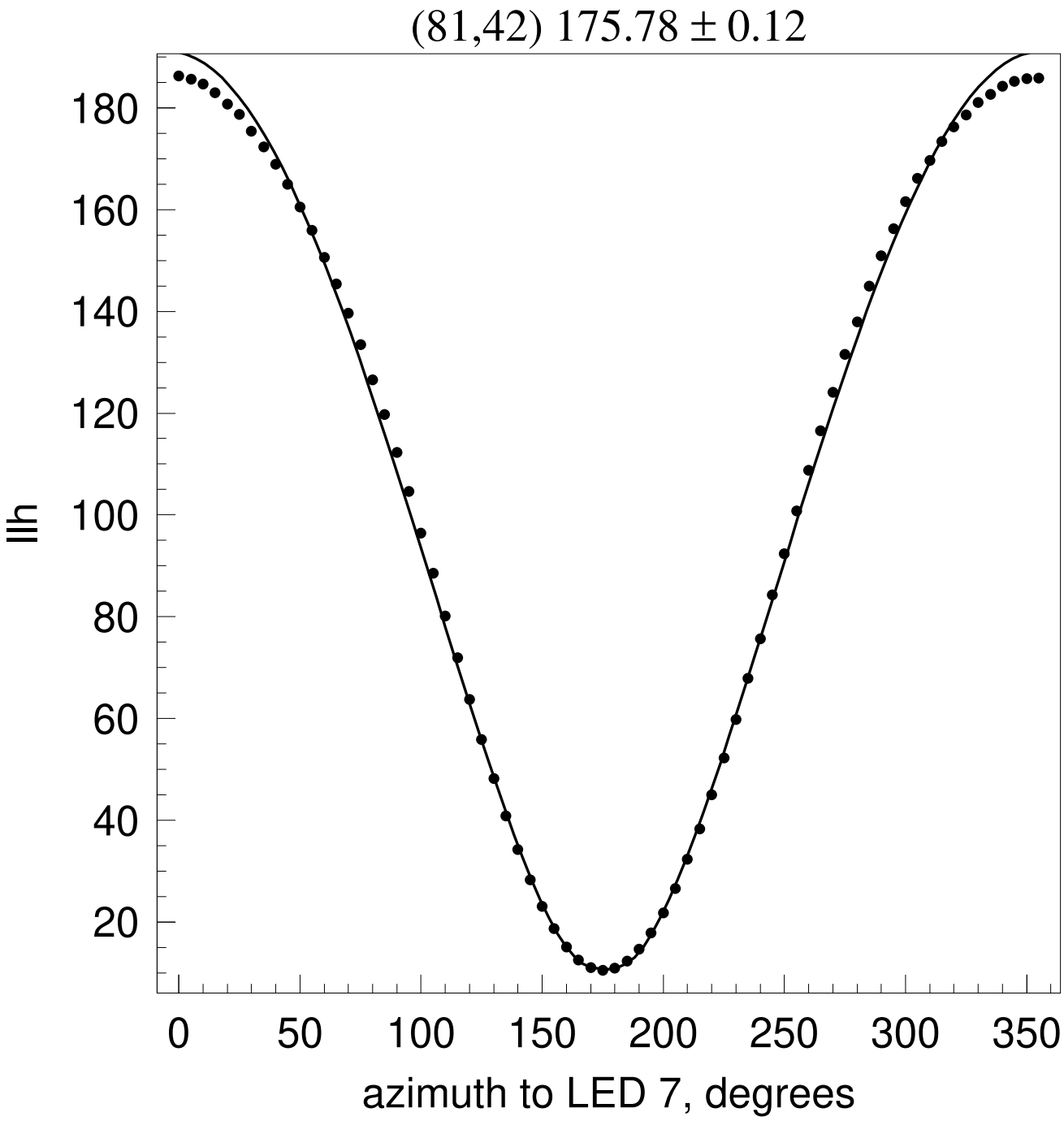

(81,37) 346.19 ± 0.11
llh
200
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

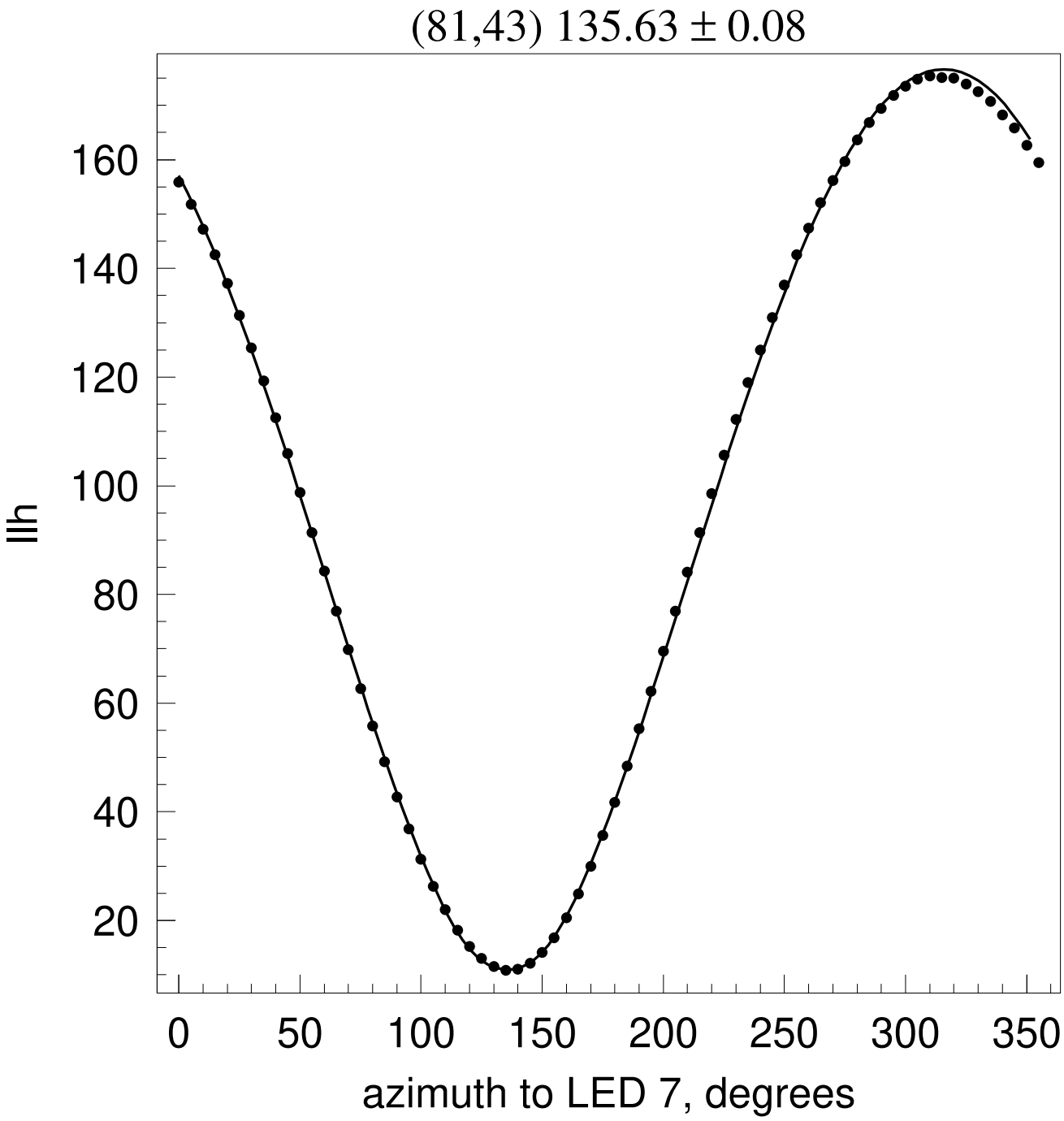

(81,38) 284.60 ± 0.11
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

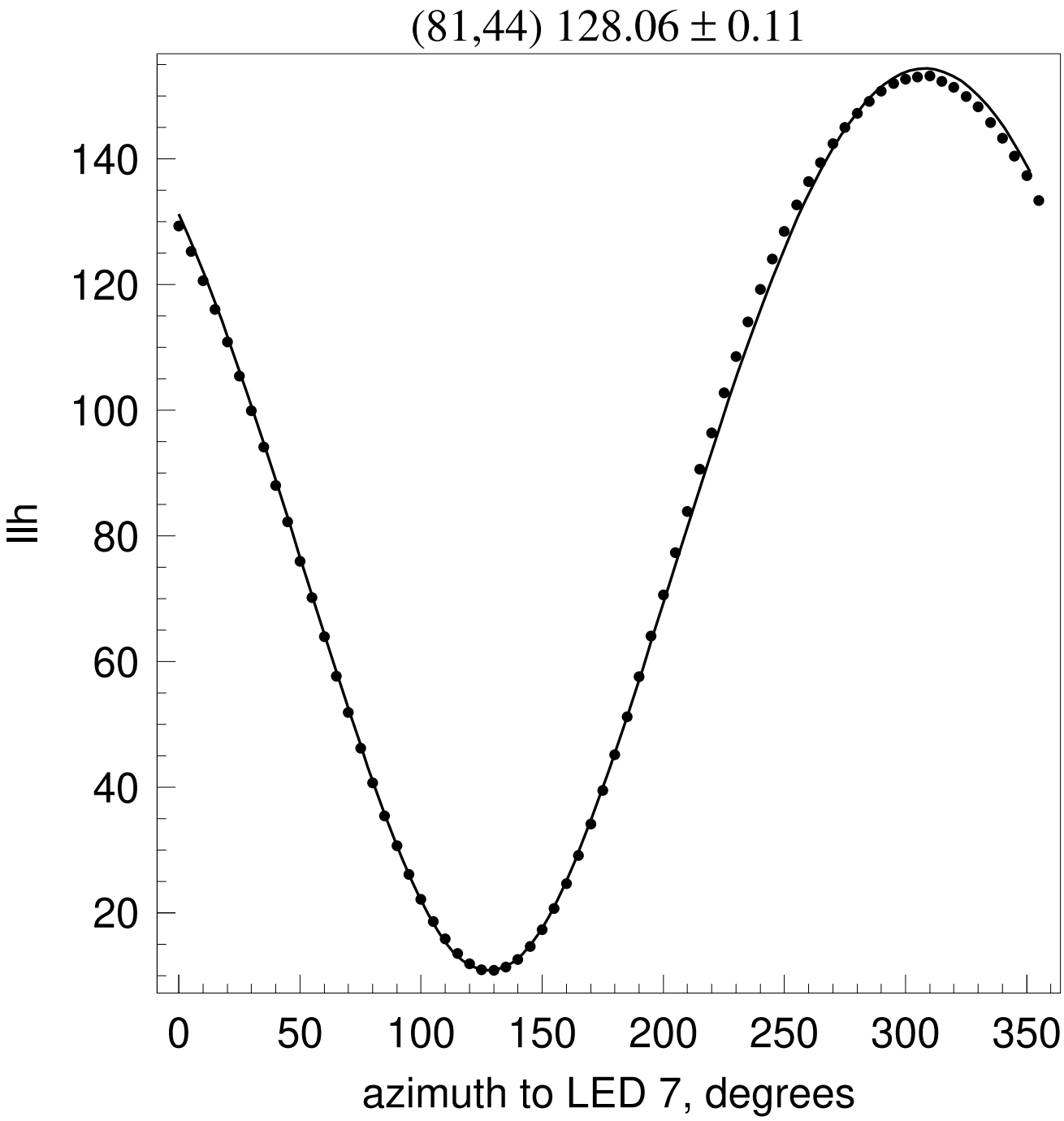

(81,39) 242.31 ± 0.19
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

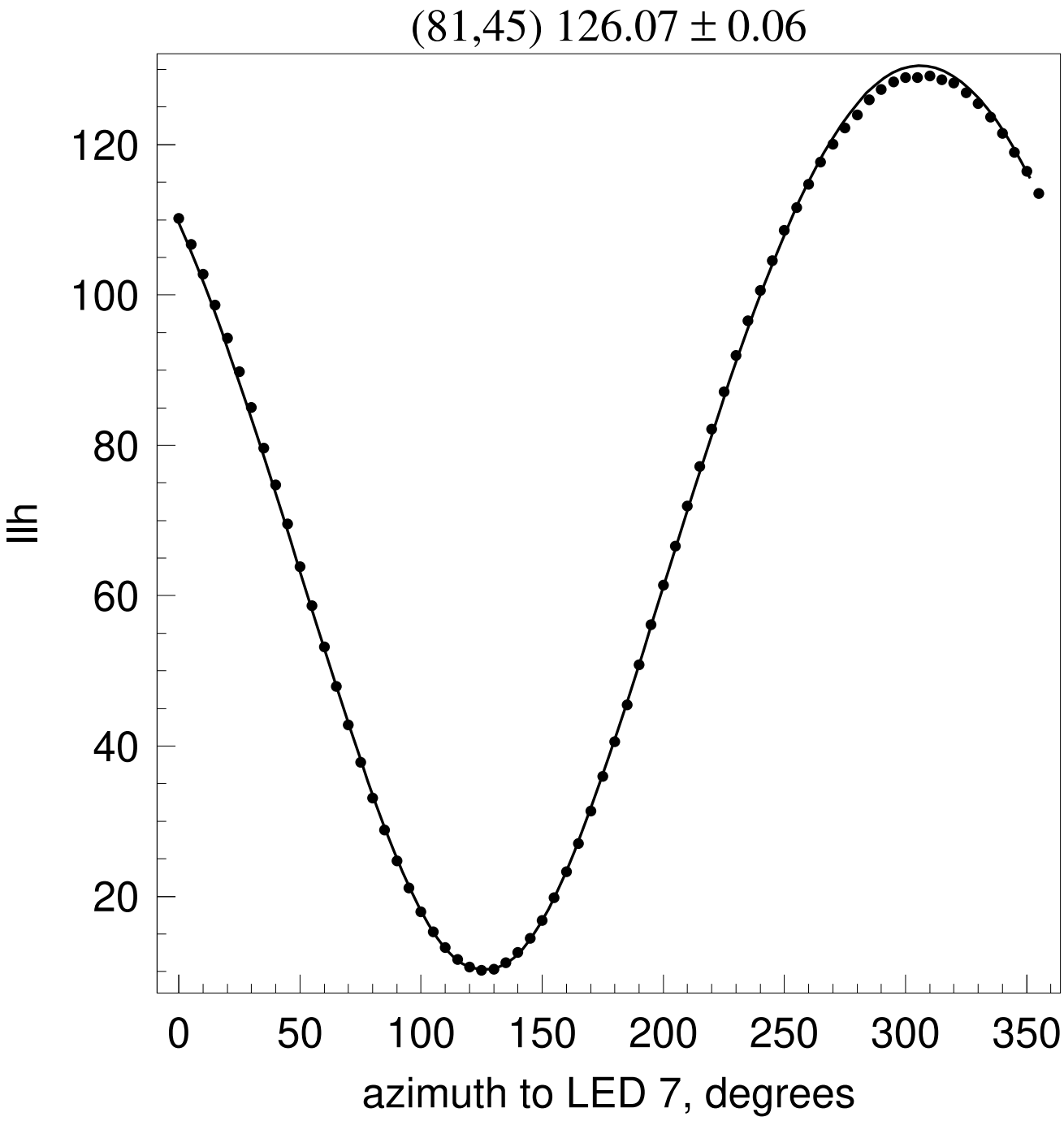

(81,40) 231.53 ± 0.18
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

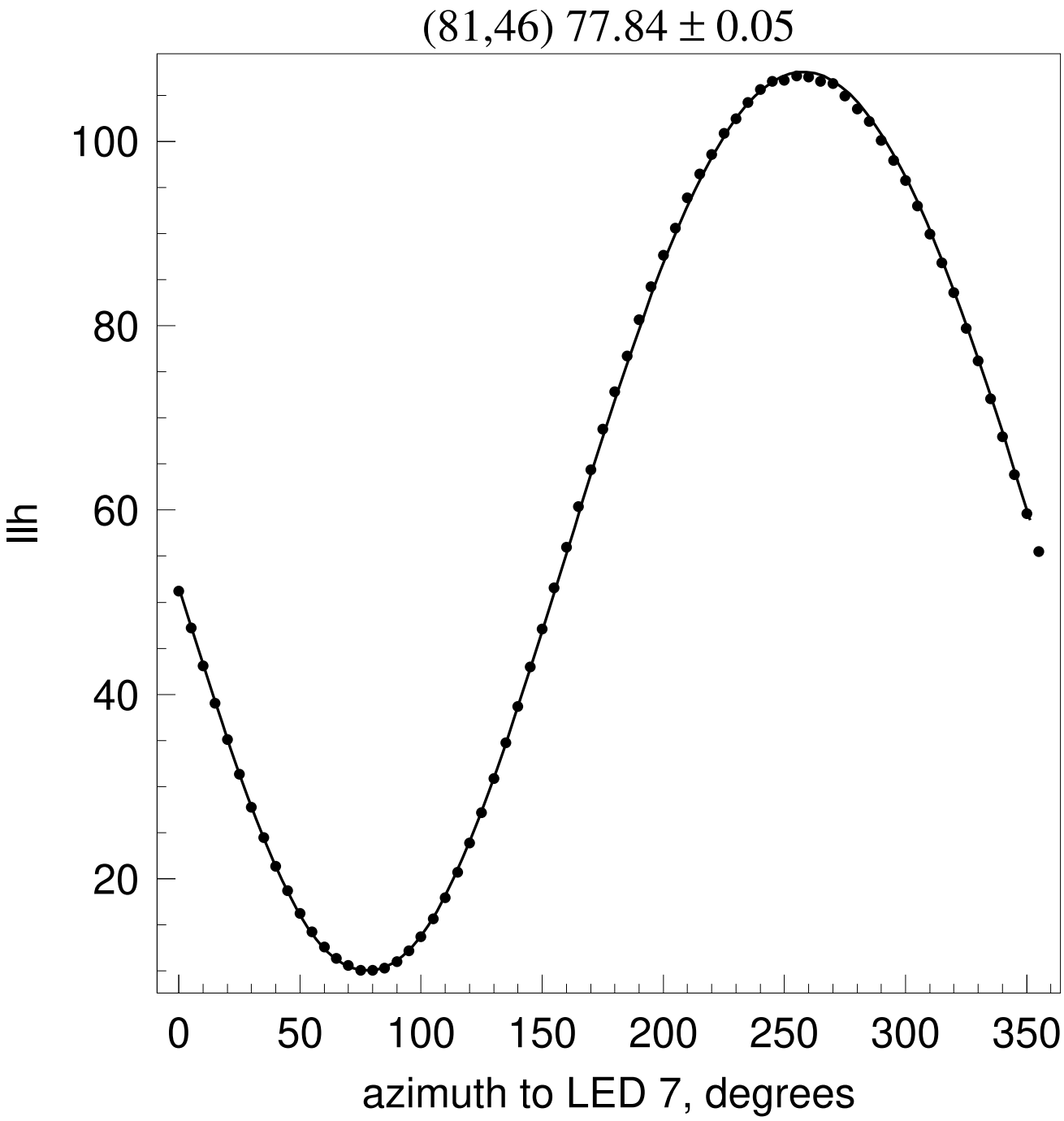

(81,41) 213.51 ± 0.18
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

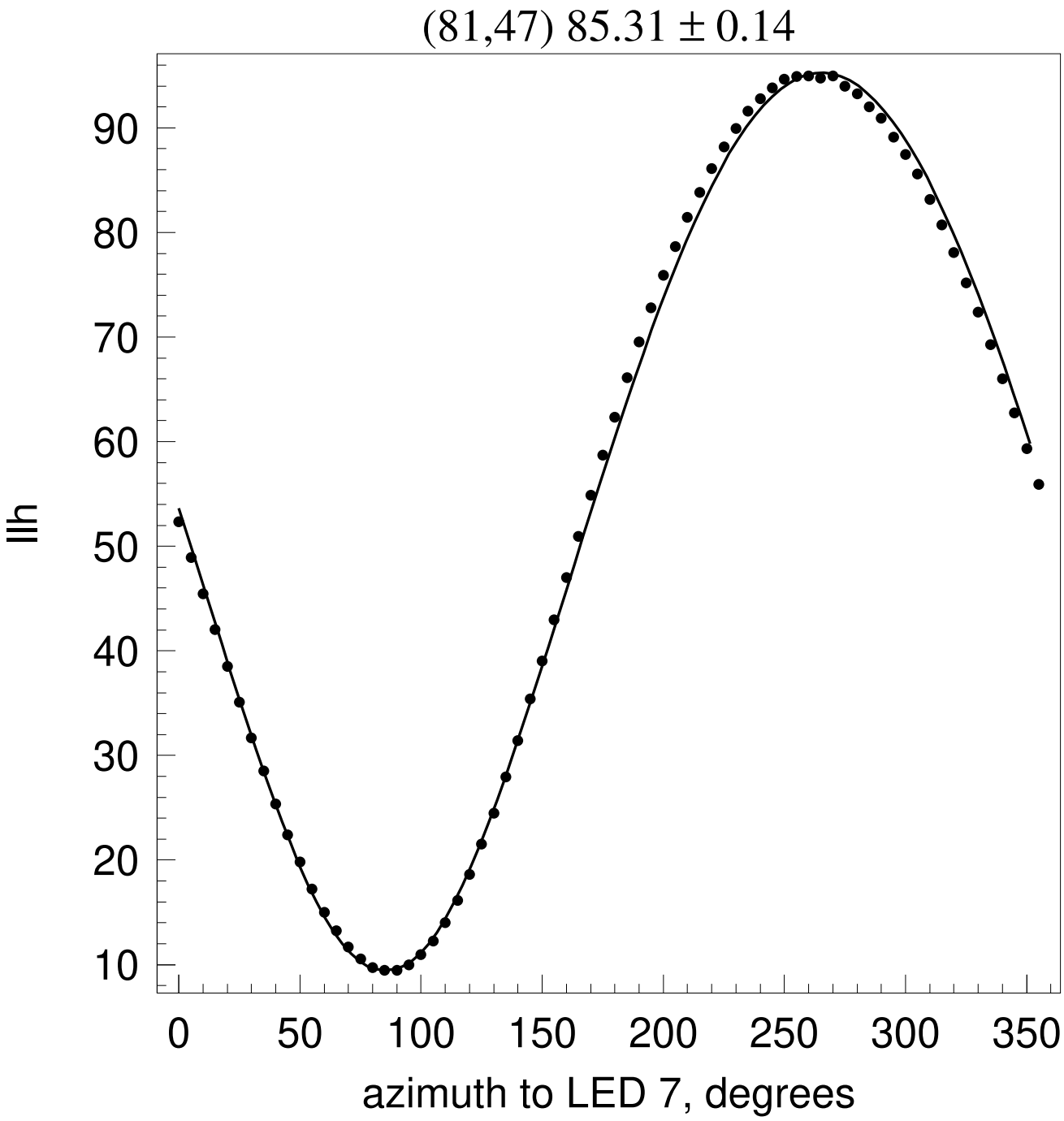

(81,42) 175.78 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

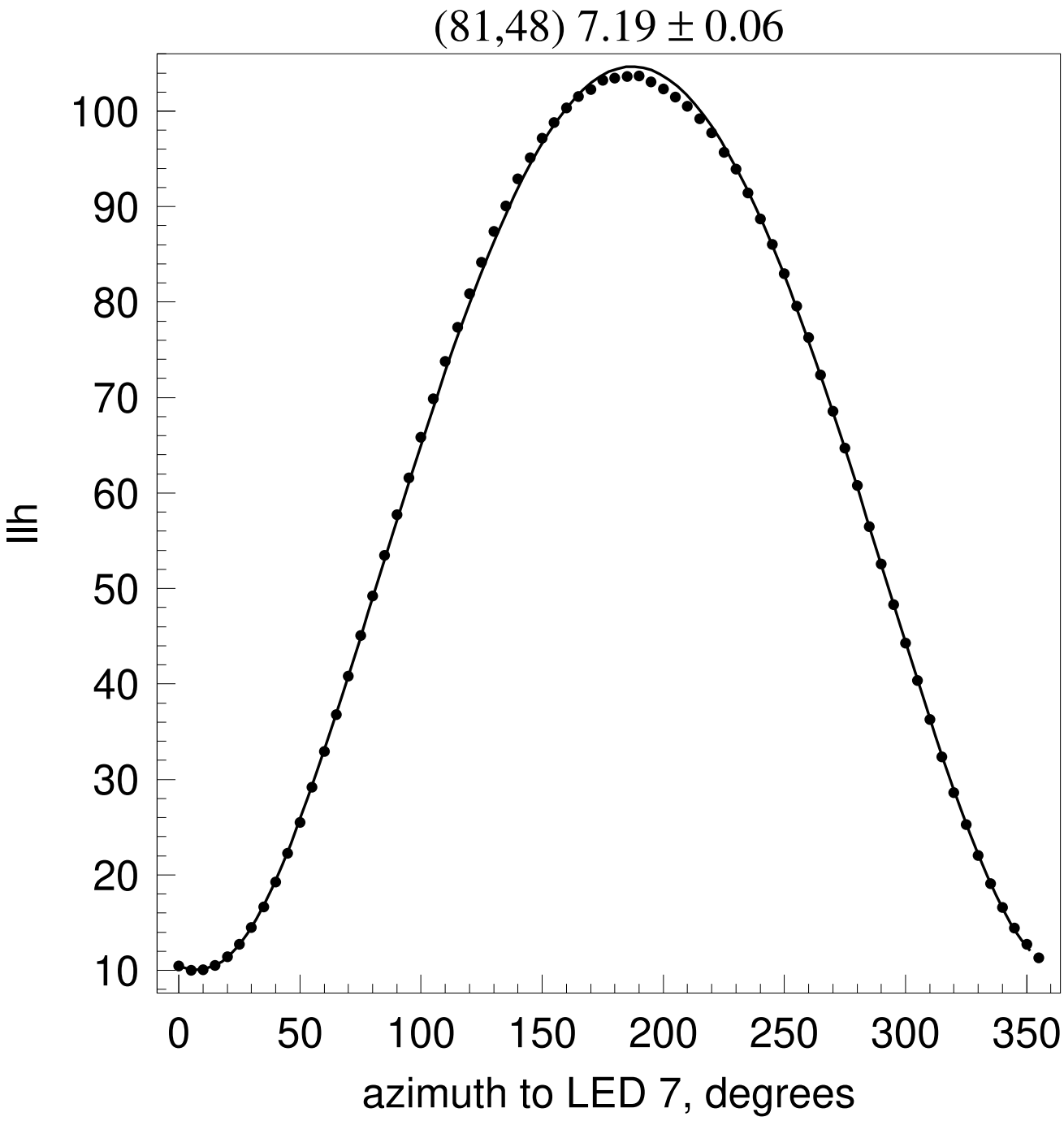

(81,43) 135.63 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

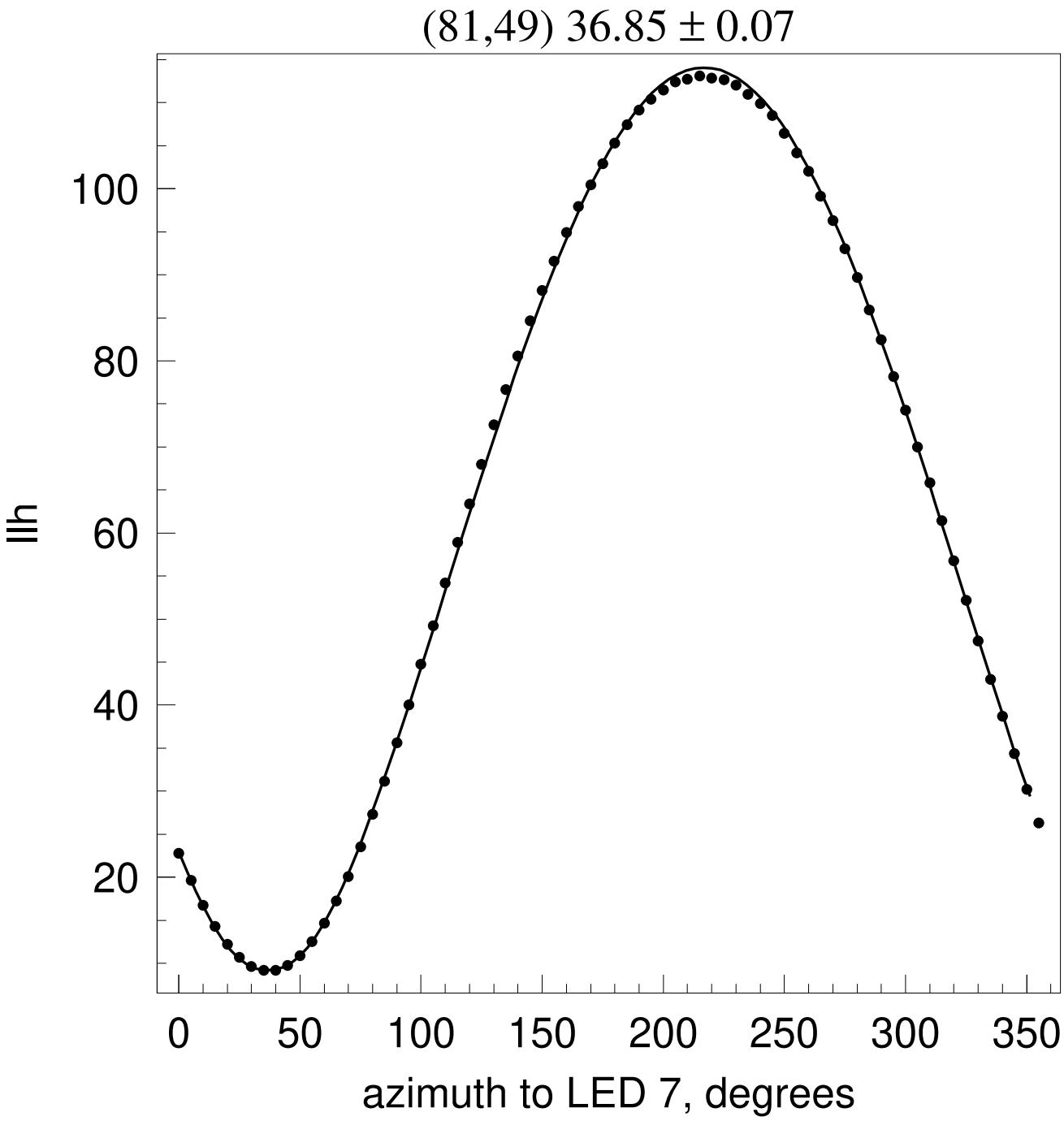

(81,44) 128.06 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

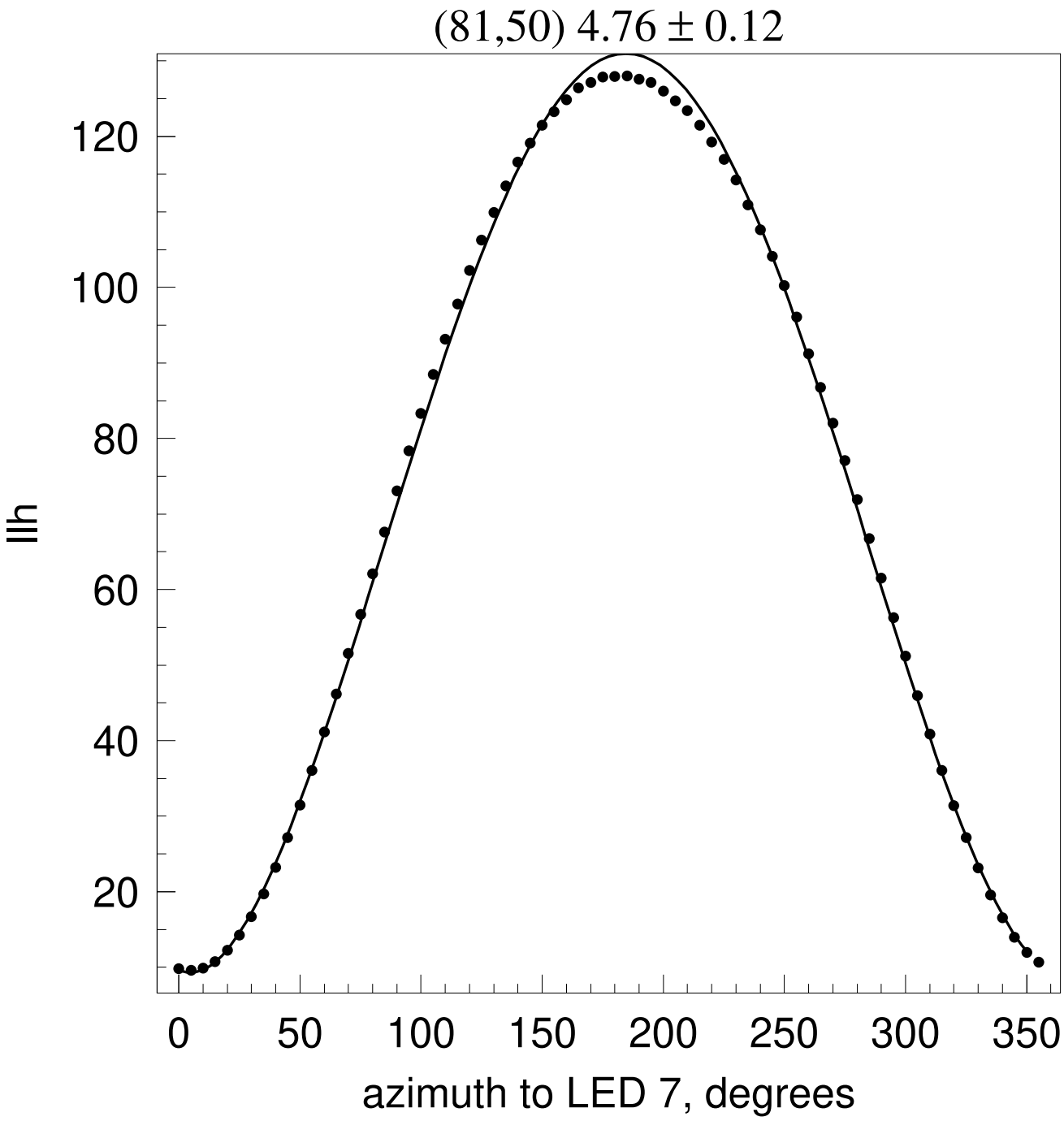

(81,45) 126.07 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

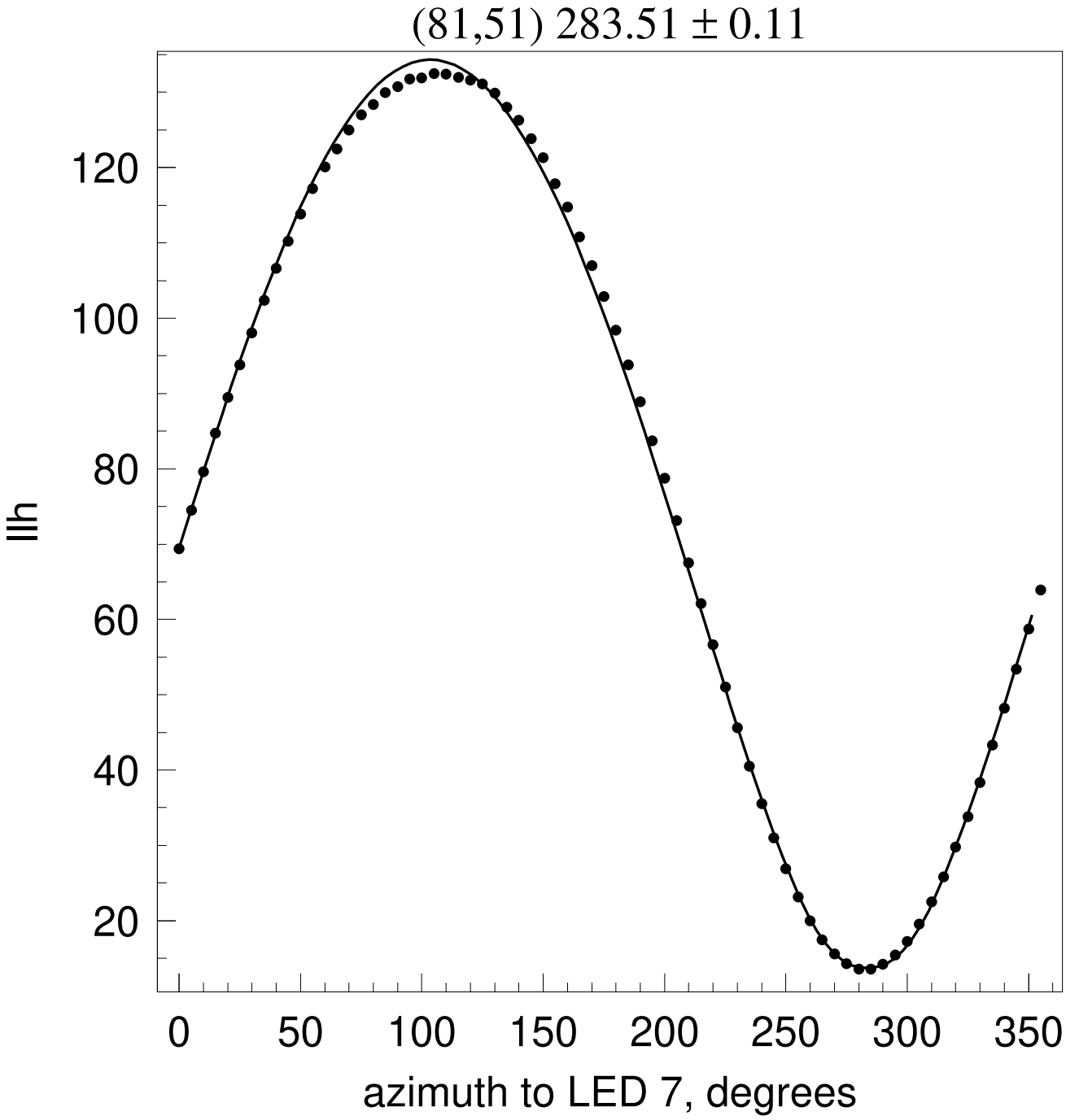

(81,46) 77.84 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

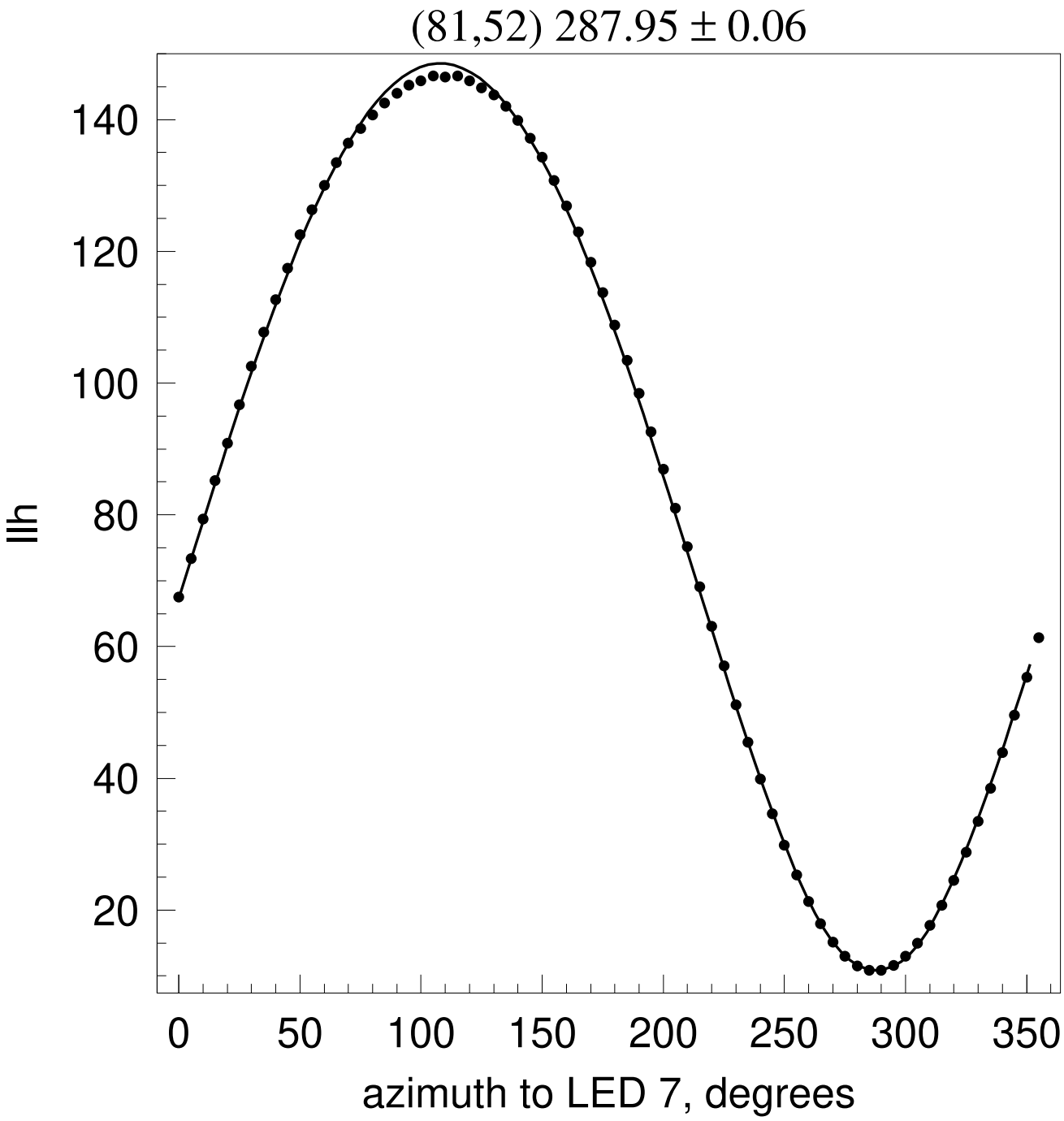

(81,47) 85.31 ± 0.14
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

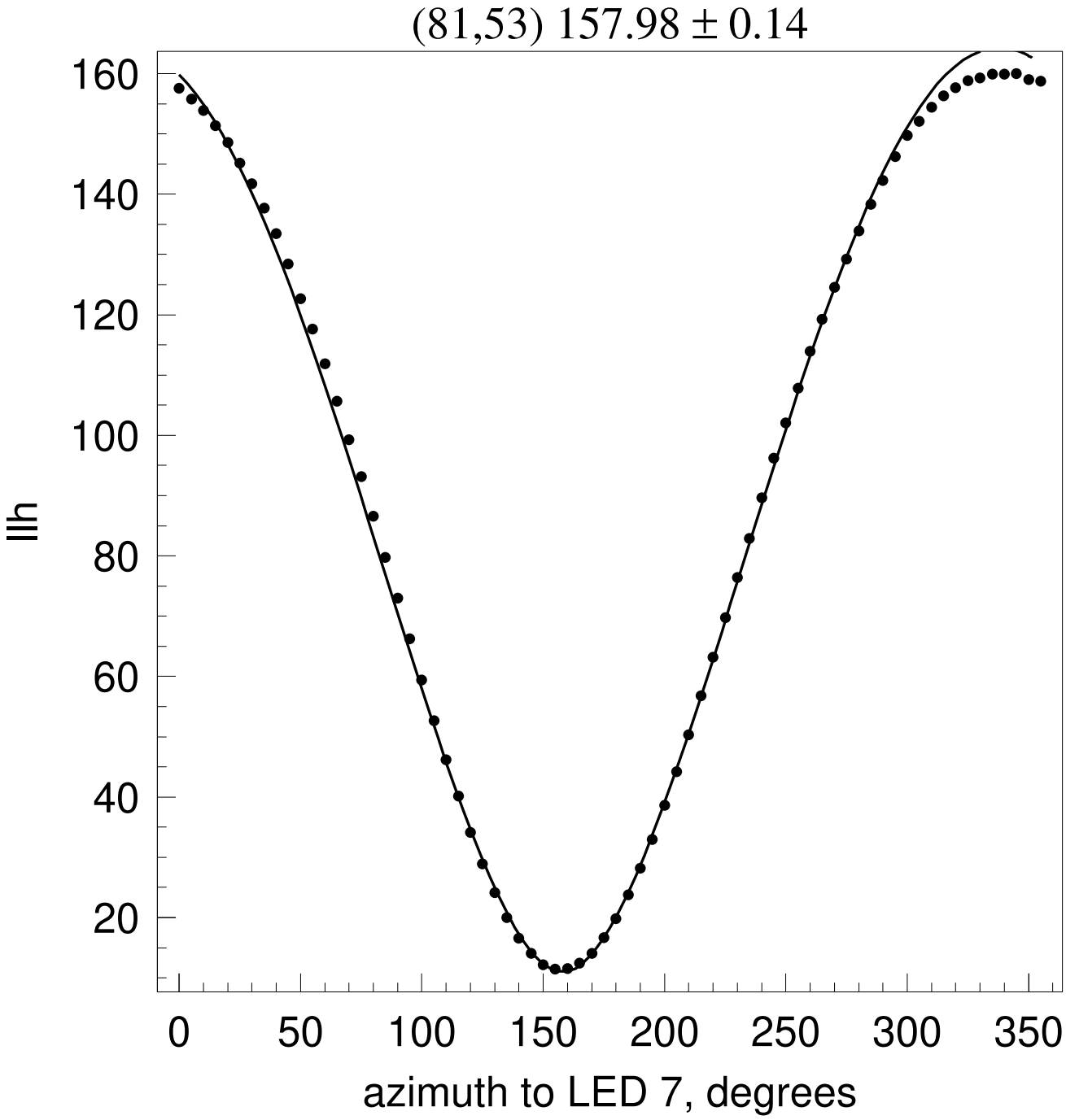

(81,48) 7.19 ± 0.06
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

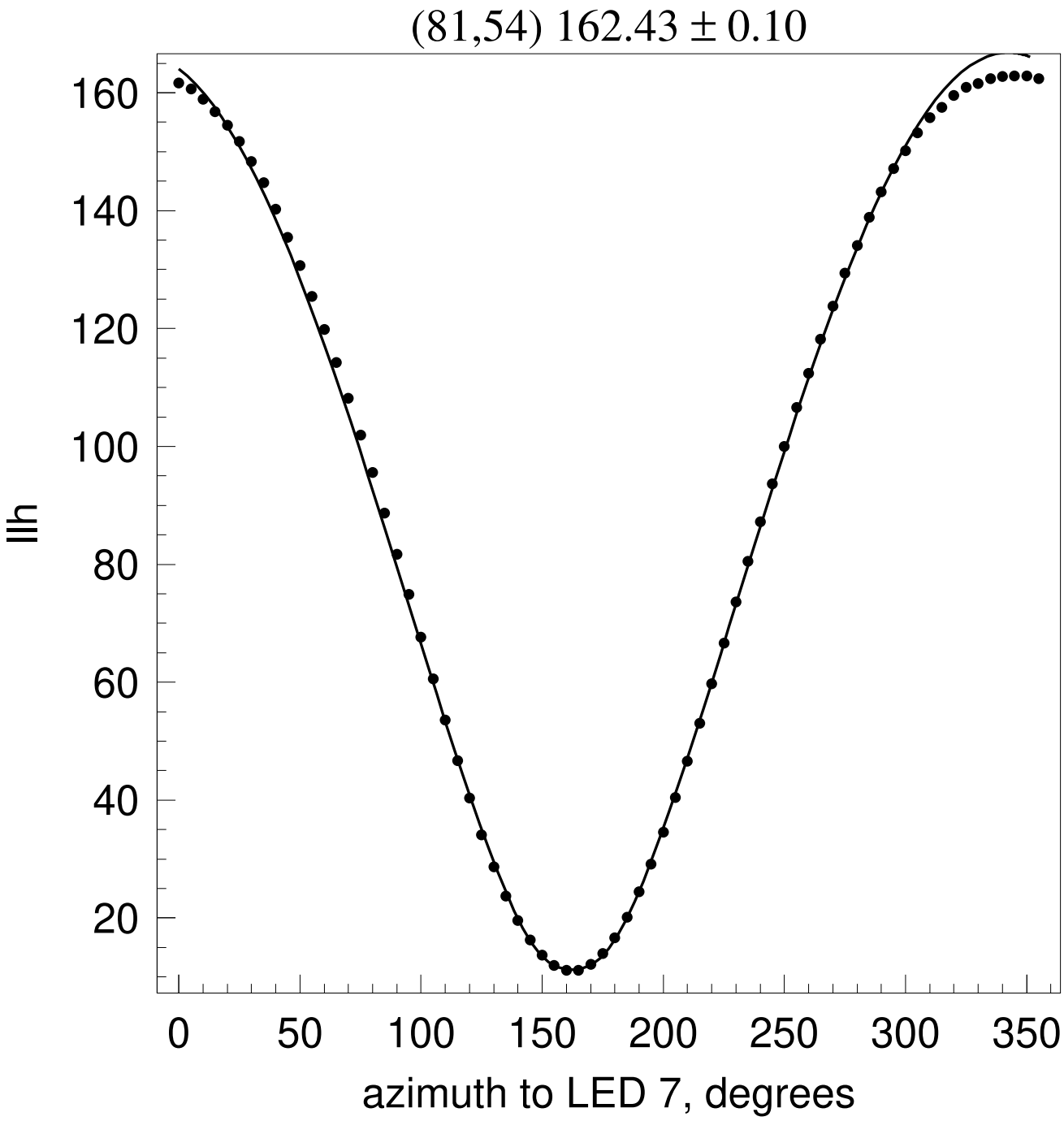

(81,49) 36.85 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

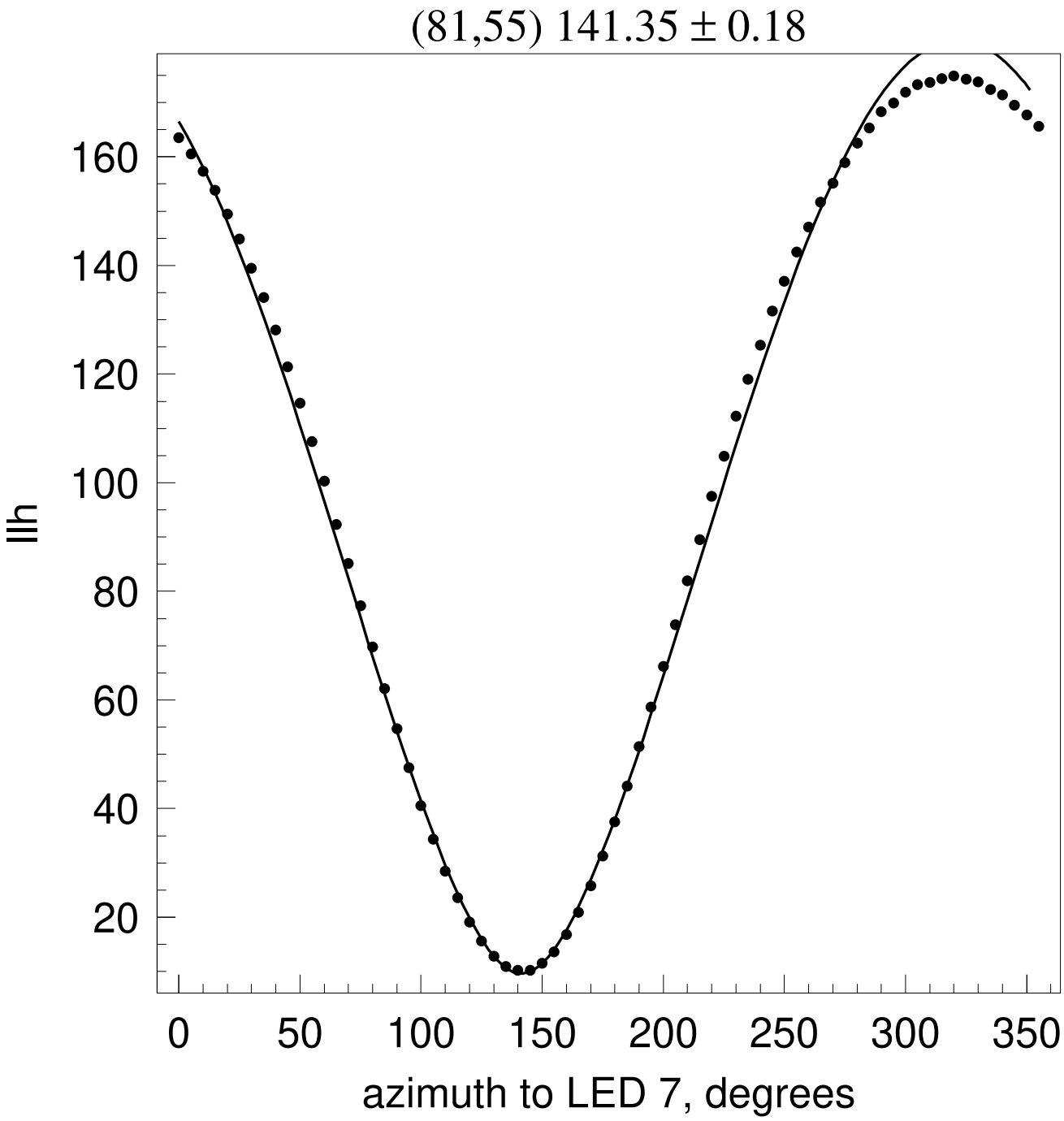

(81,50) 4.76 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

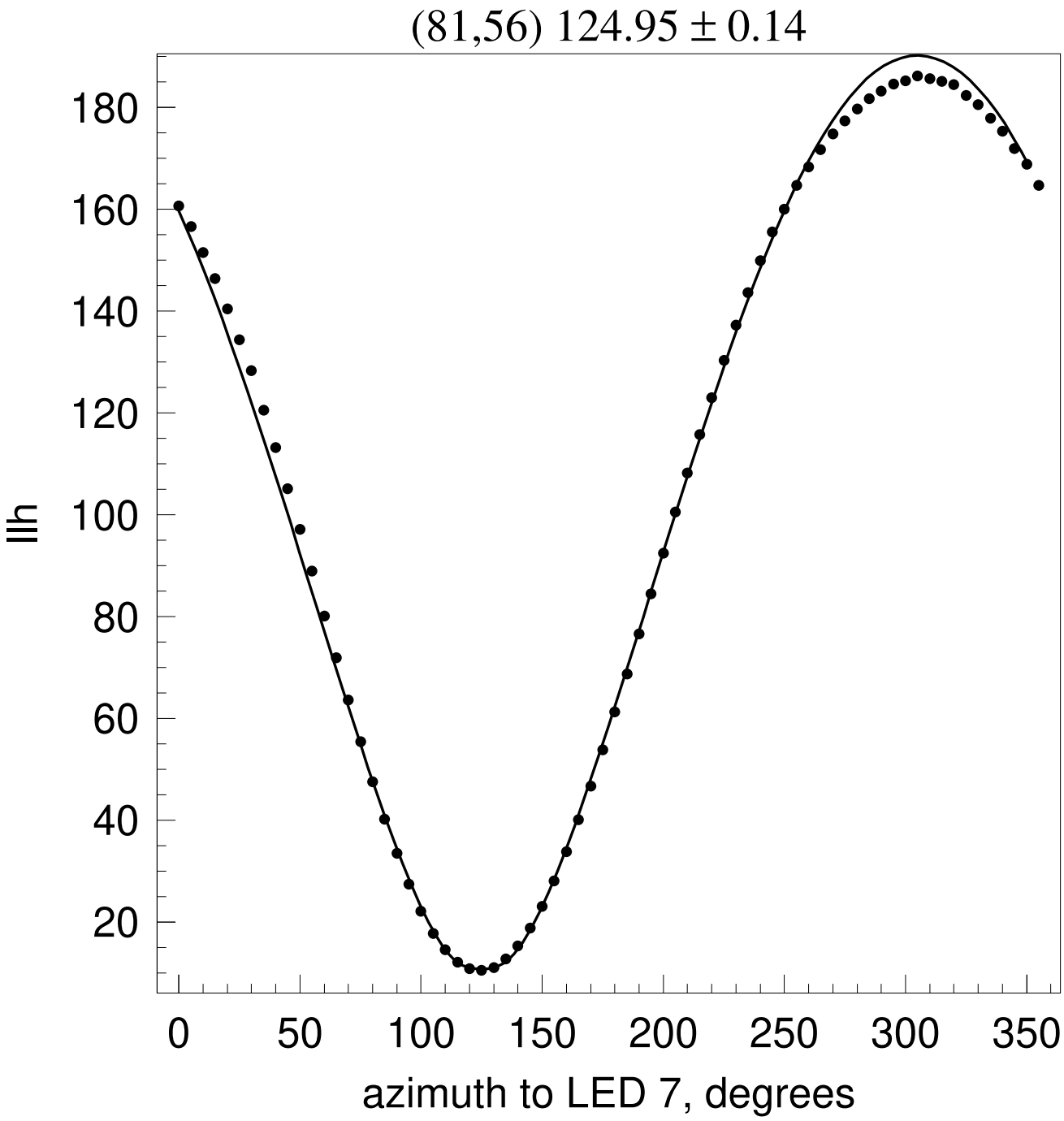

(81,51) 283.51 ± 0.11
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

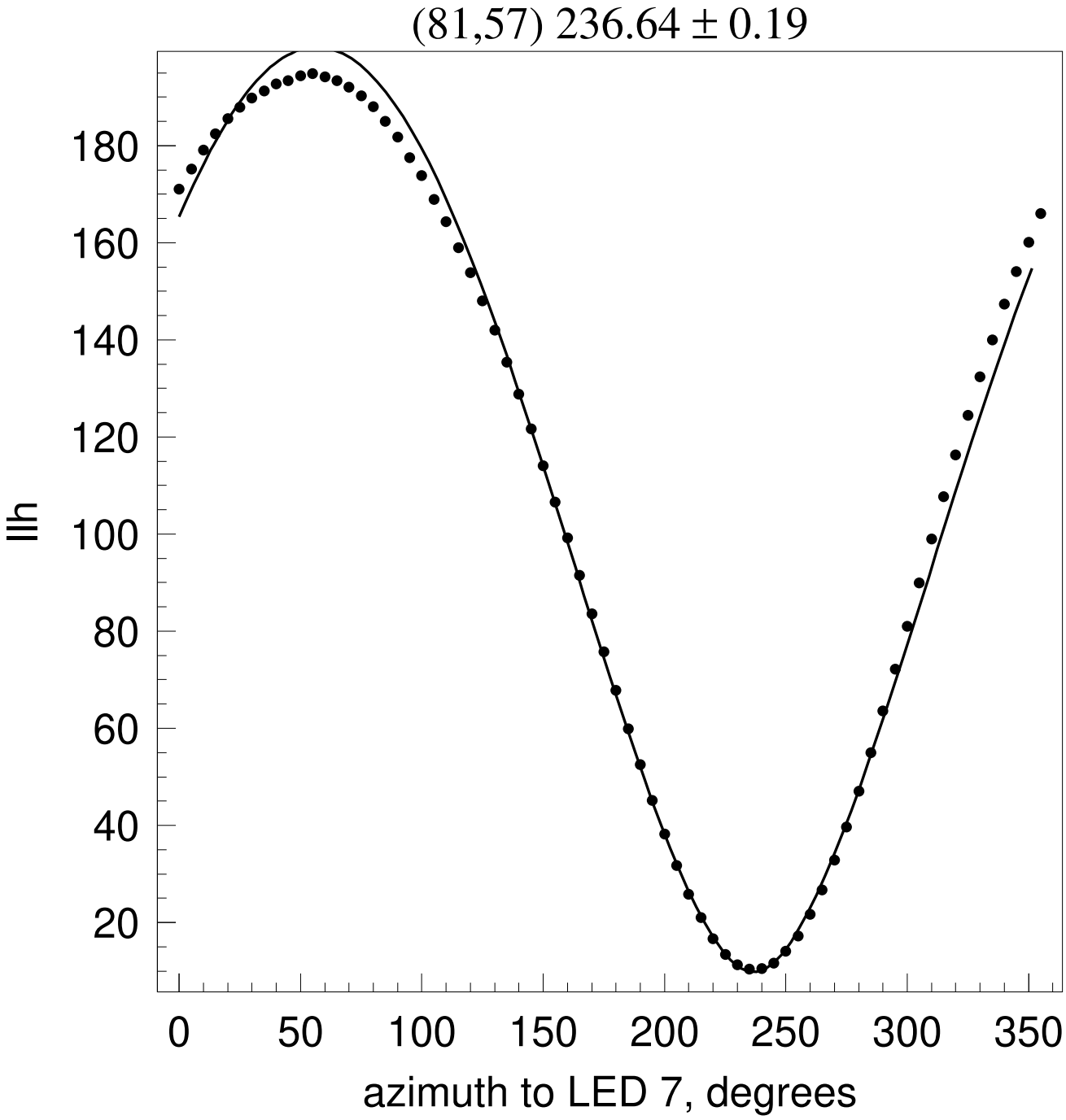

(81,52) 287.95 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

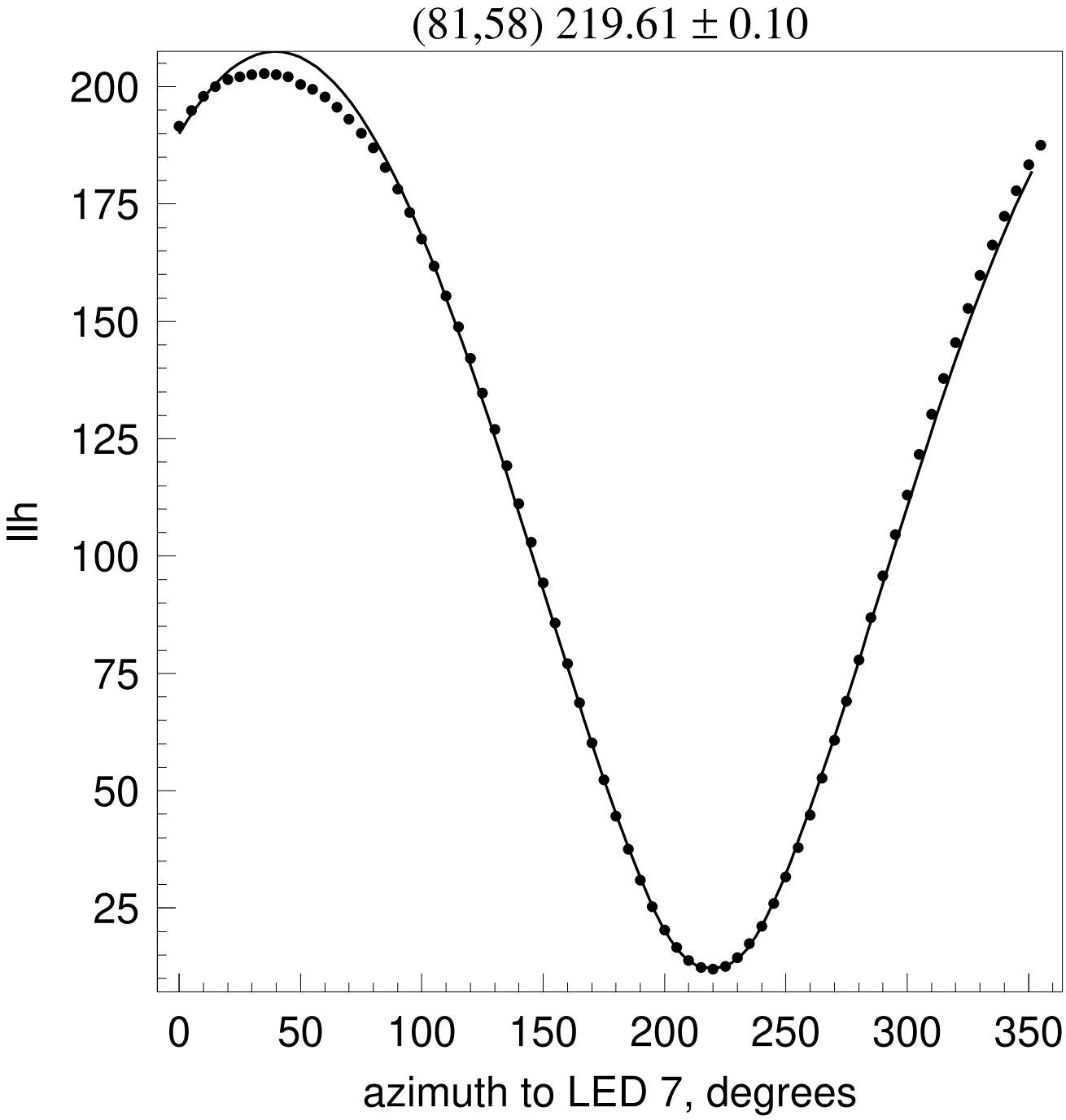

(81,53) 157.98 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

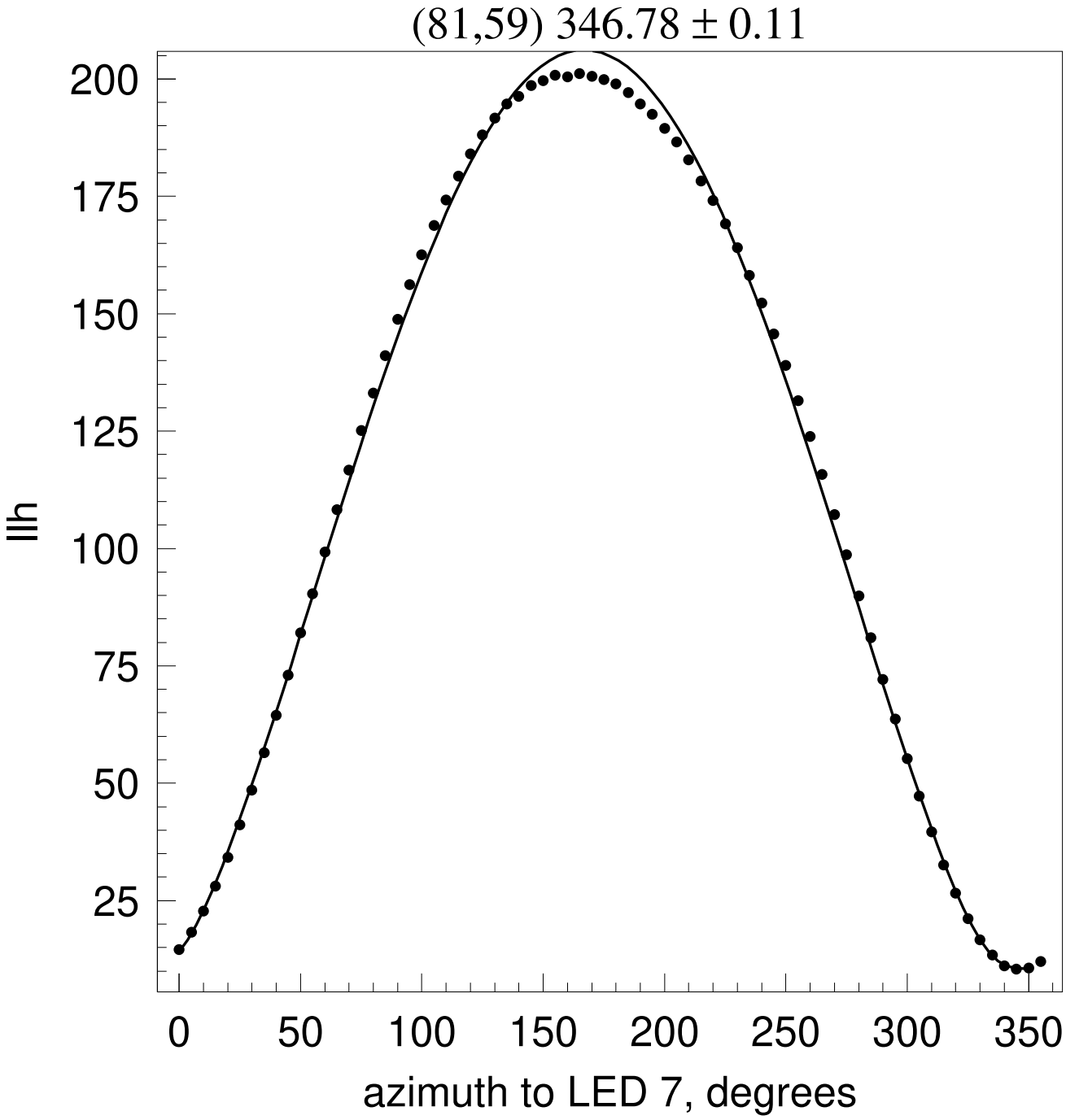

(81,54) 162.43 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

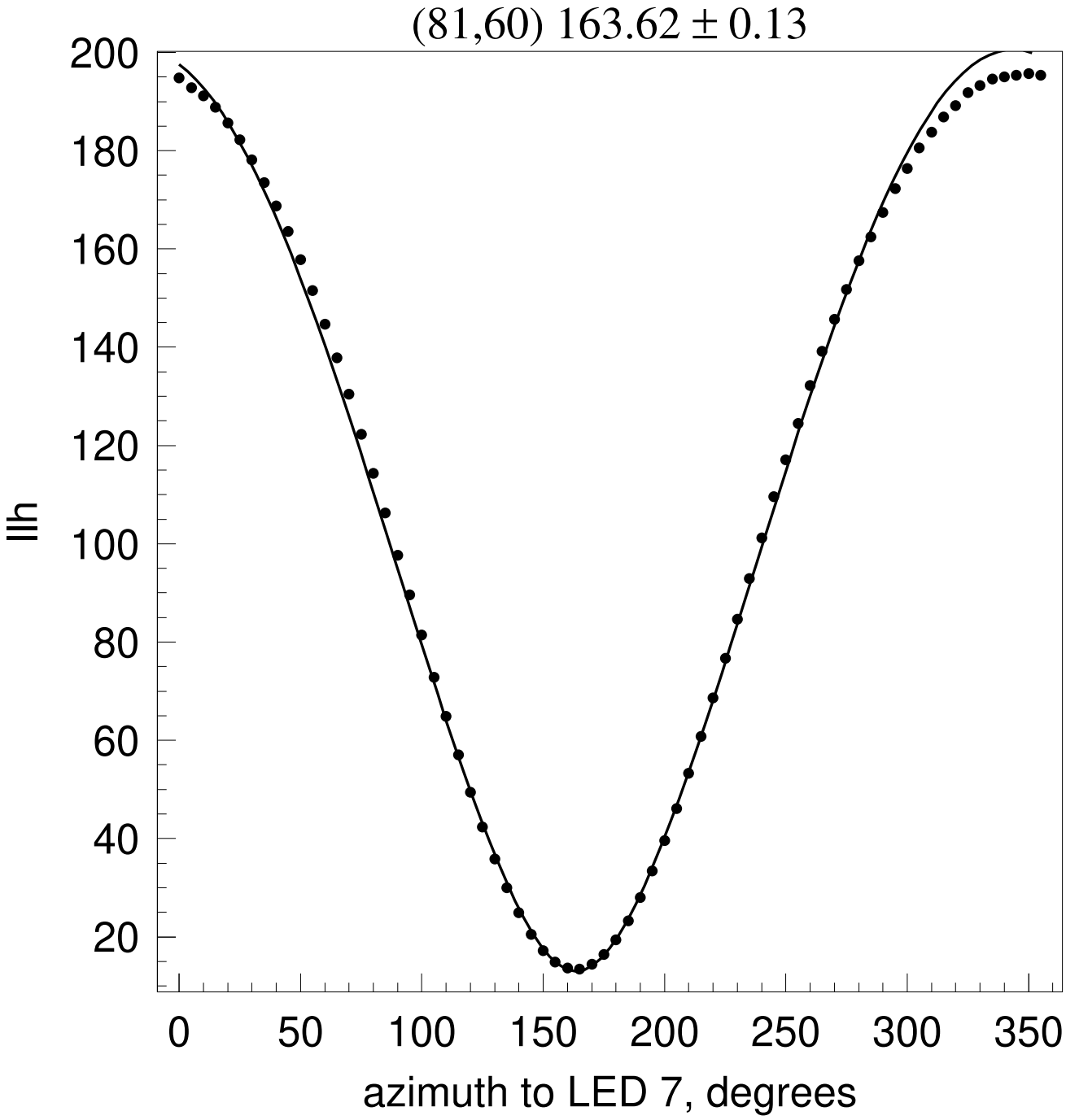

(81,55) 141.35 ± 0.18
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

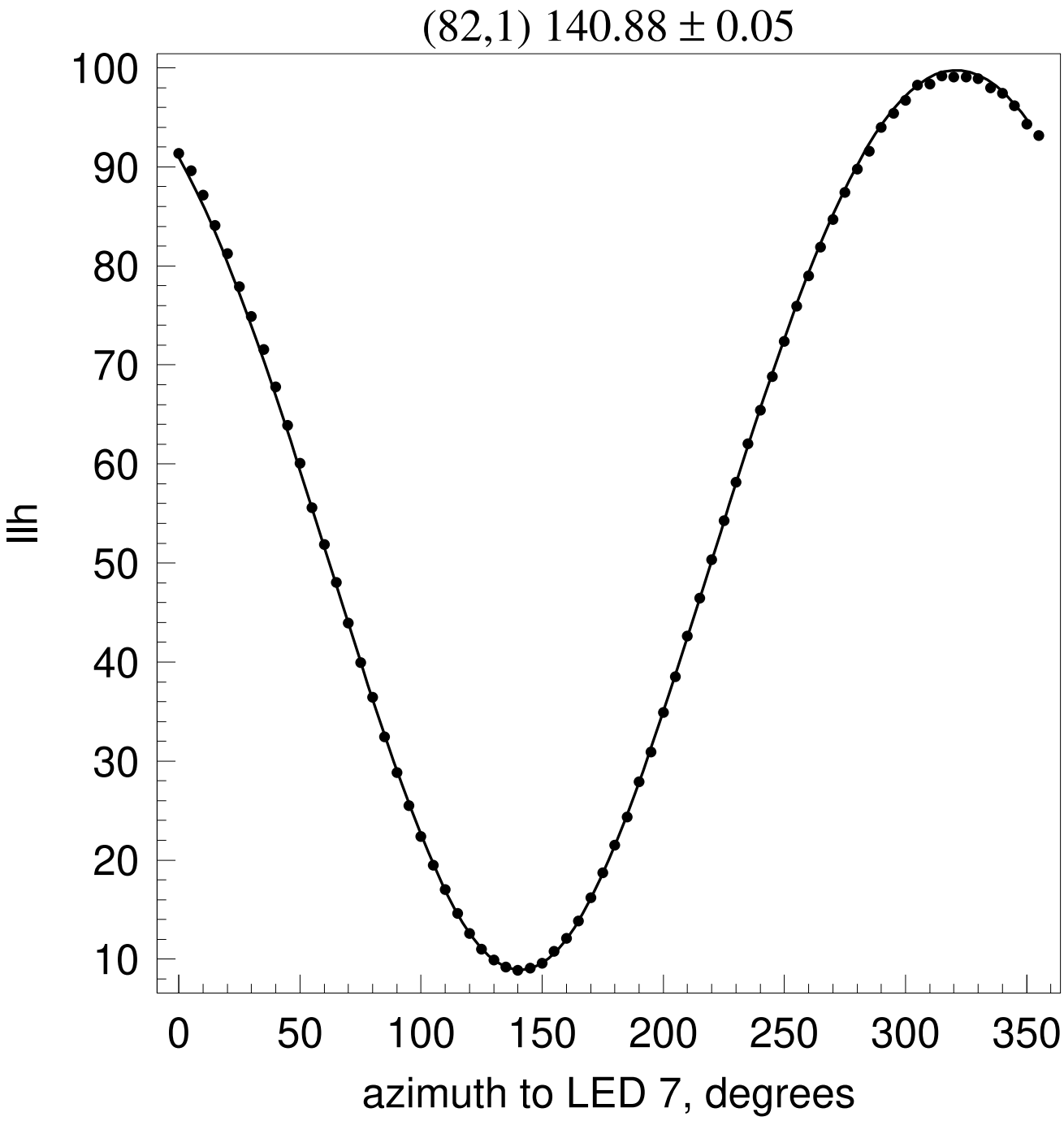

(81,56) 124.95 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

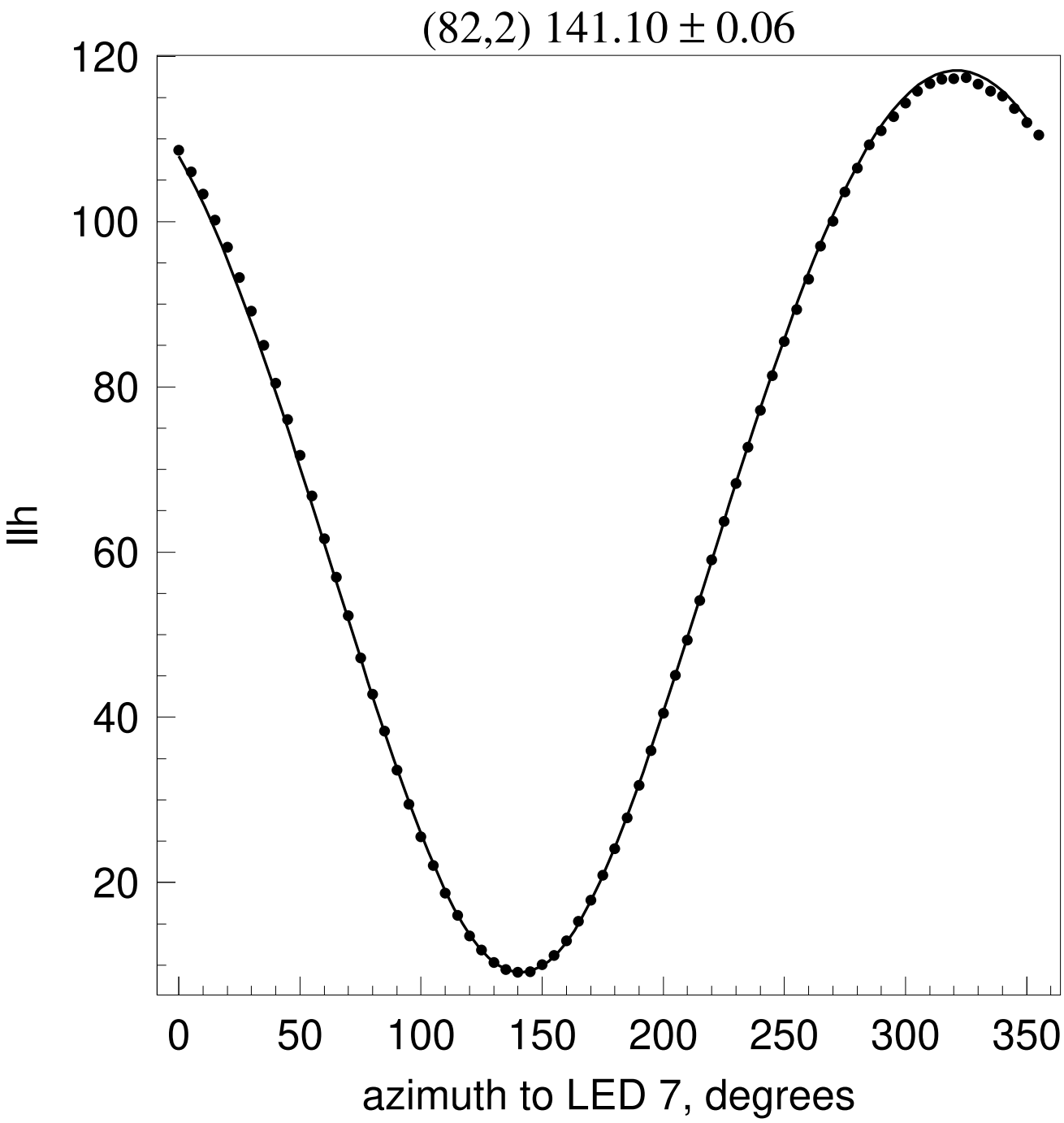

(81,57) 236.64 ± 0.19
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

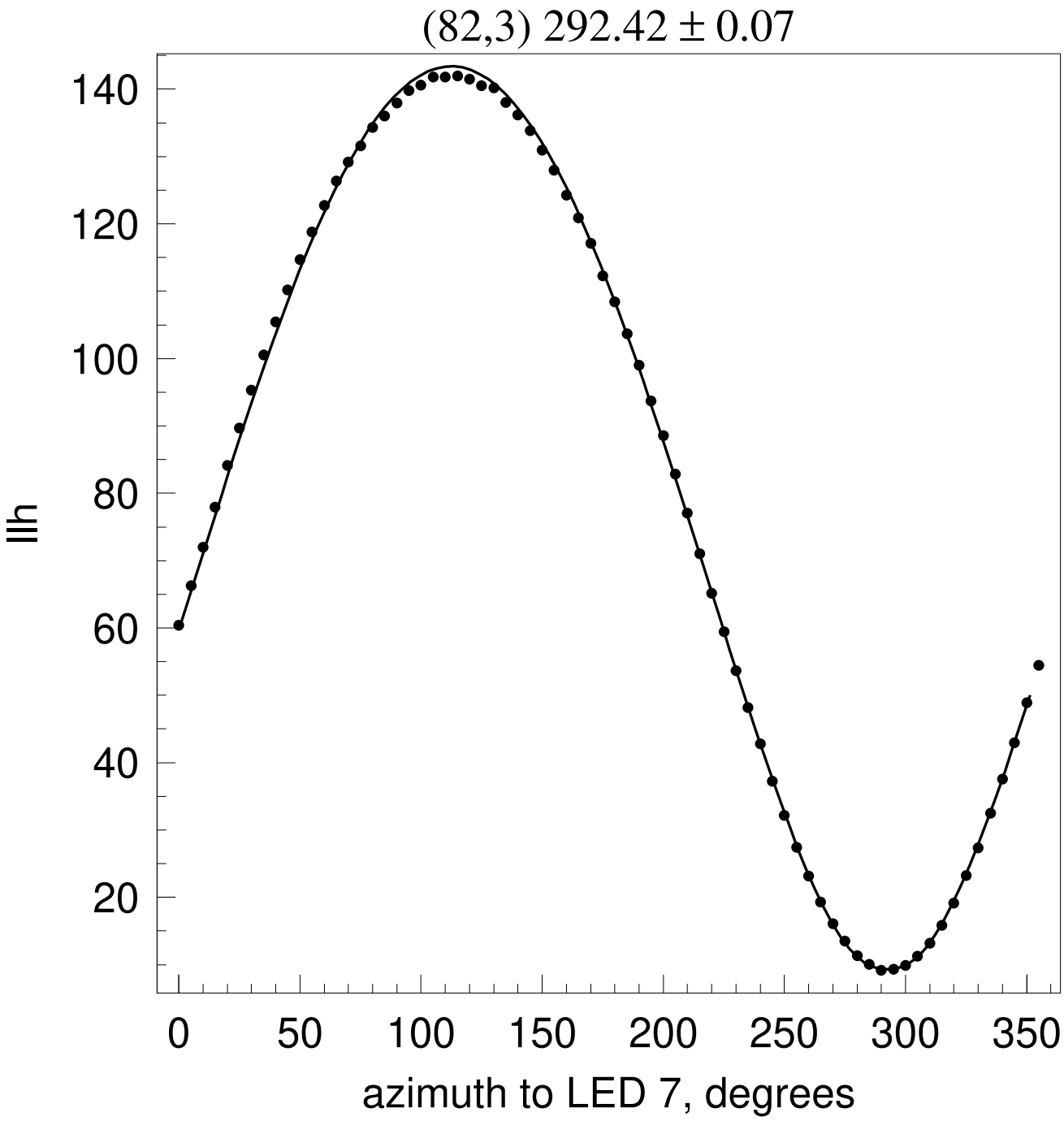

(81,58) 219.61 ± 0.10
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

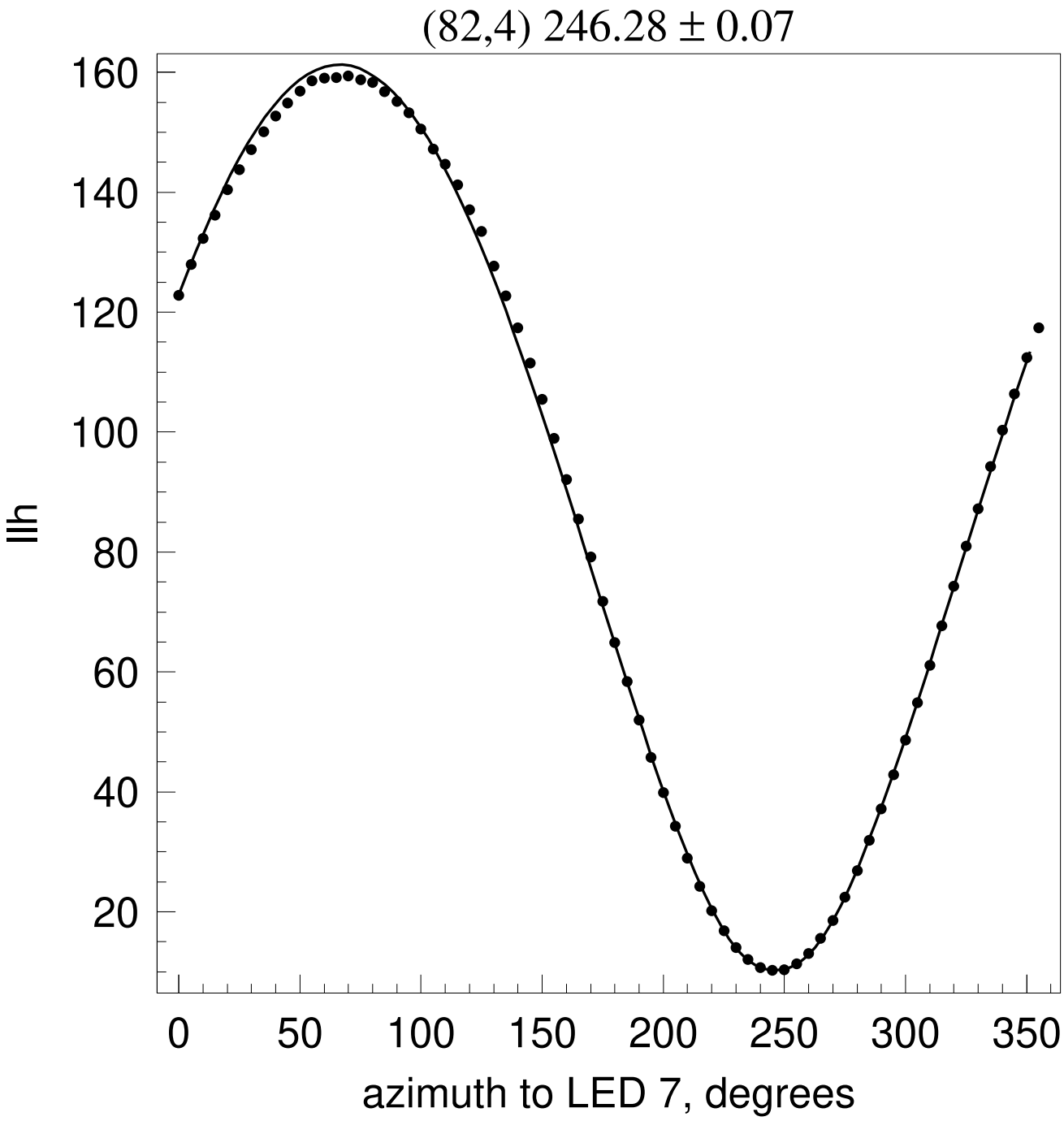

(81,59) 346.78 ± 0.11
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

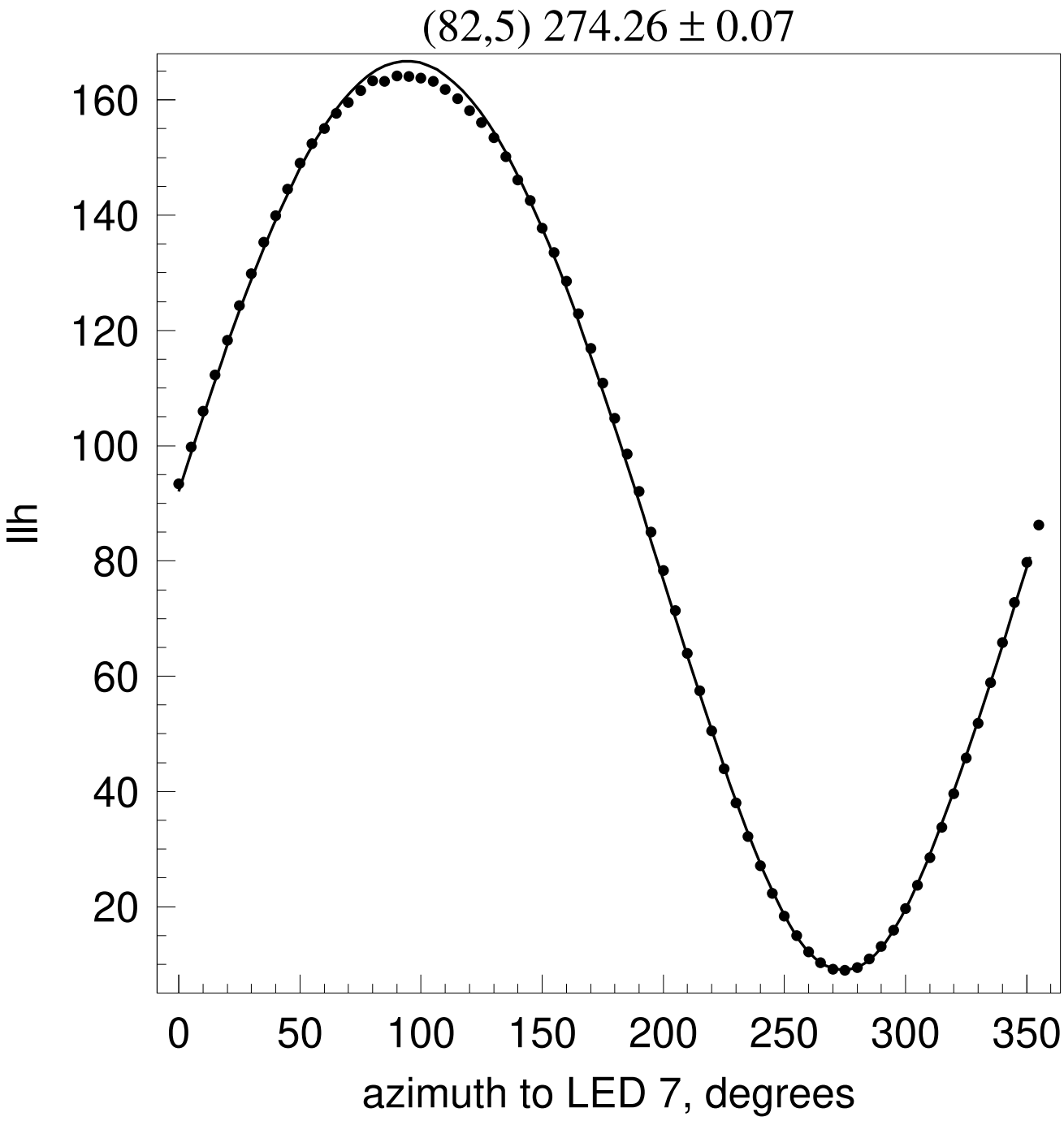

(81,60) 163.62 ± 0.13
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

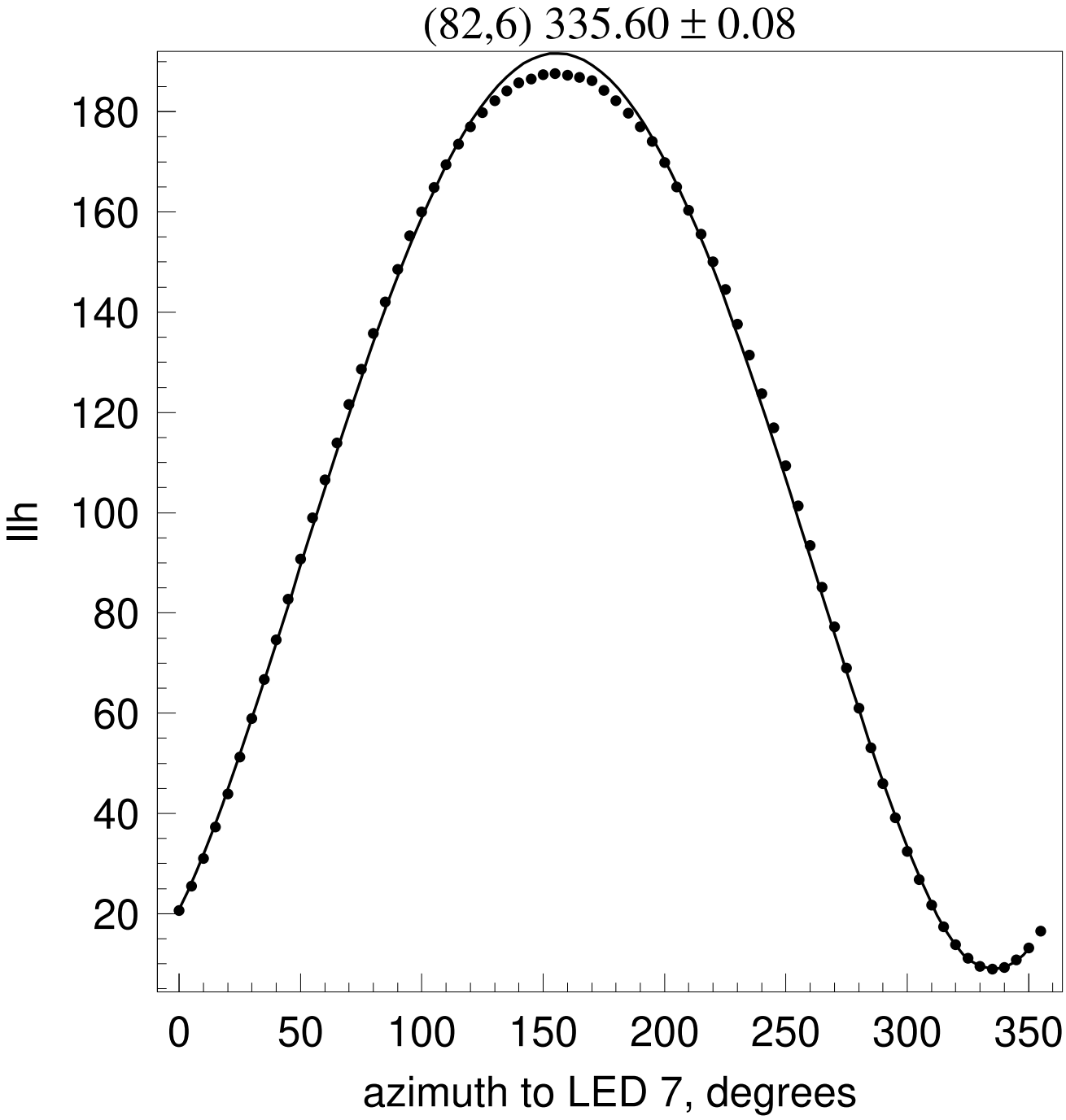

(82,1) 140.88 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

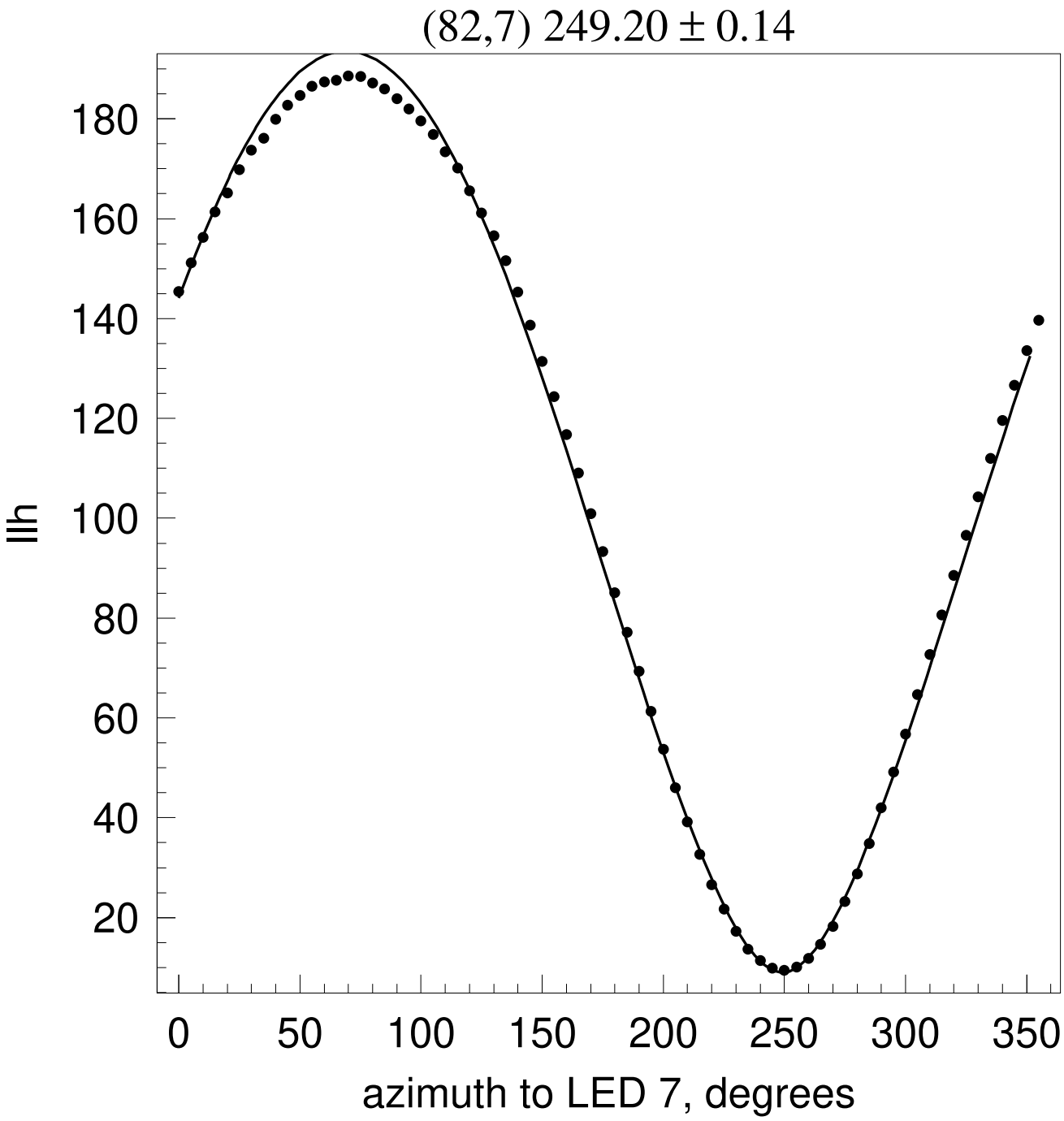

(82,2) 141.10 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

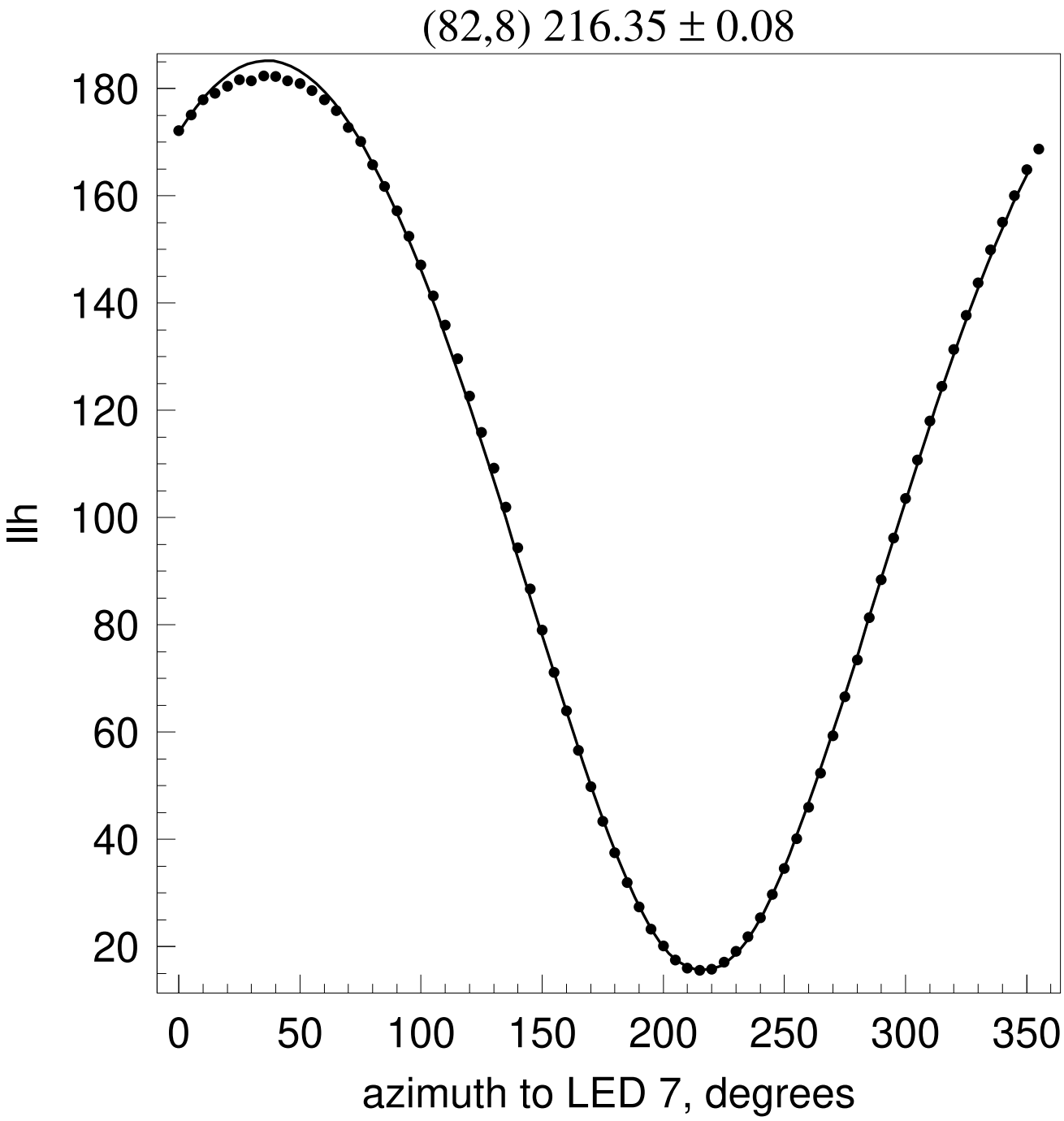

(82,3) 292.42 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

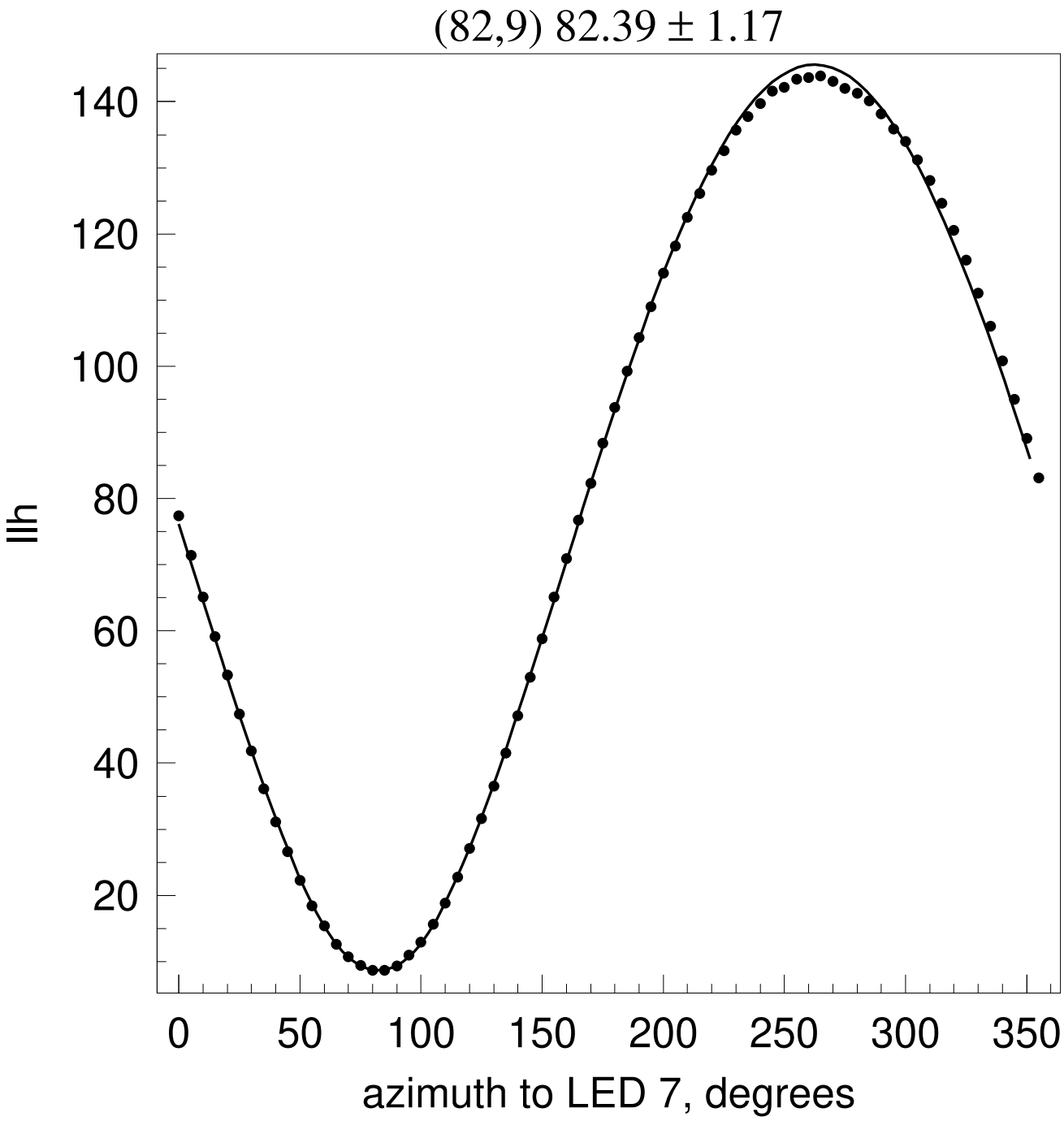

(82,4) 246.28 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

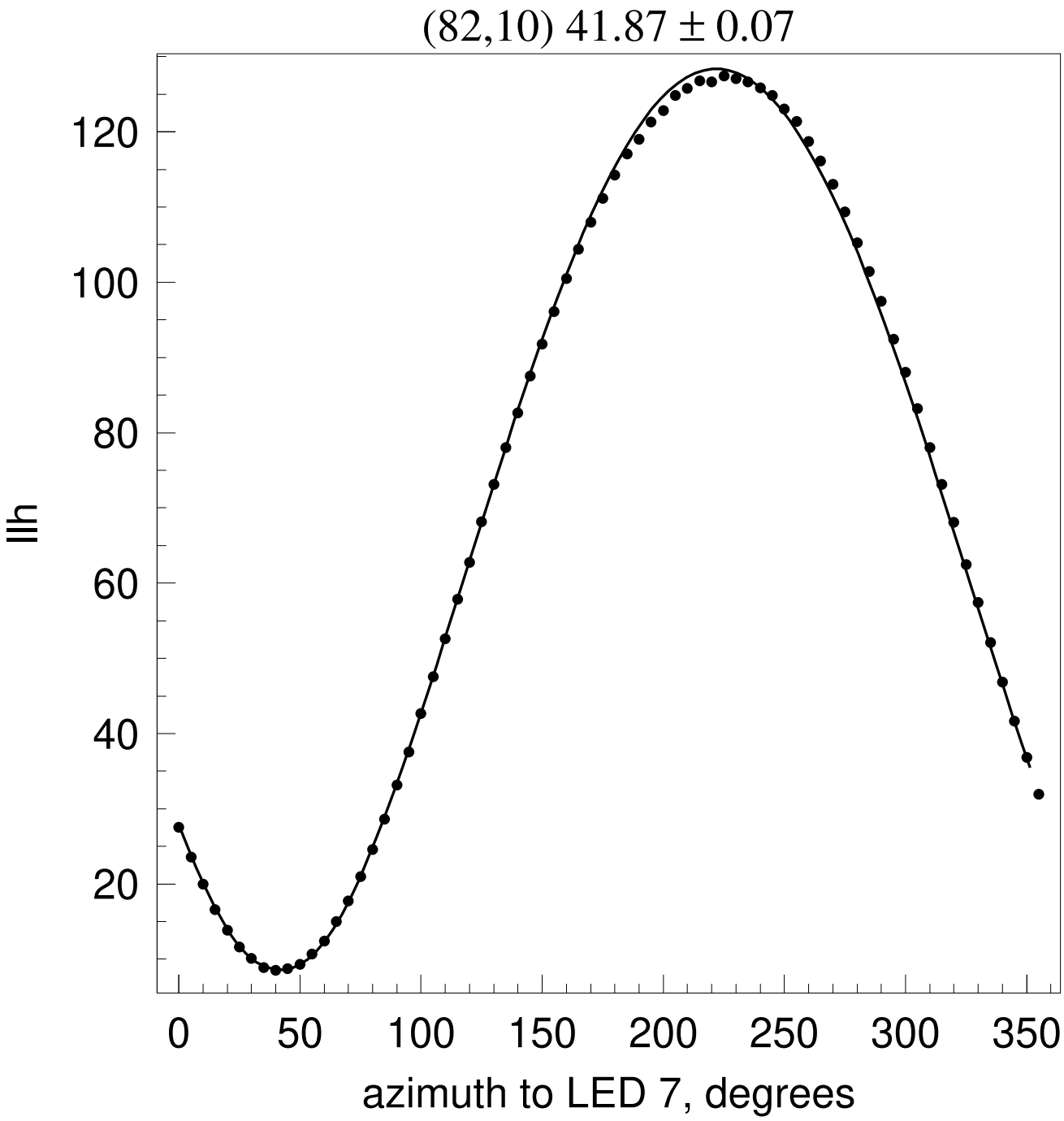

(82,5) 274.26 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

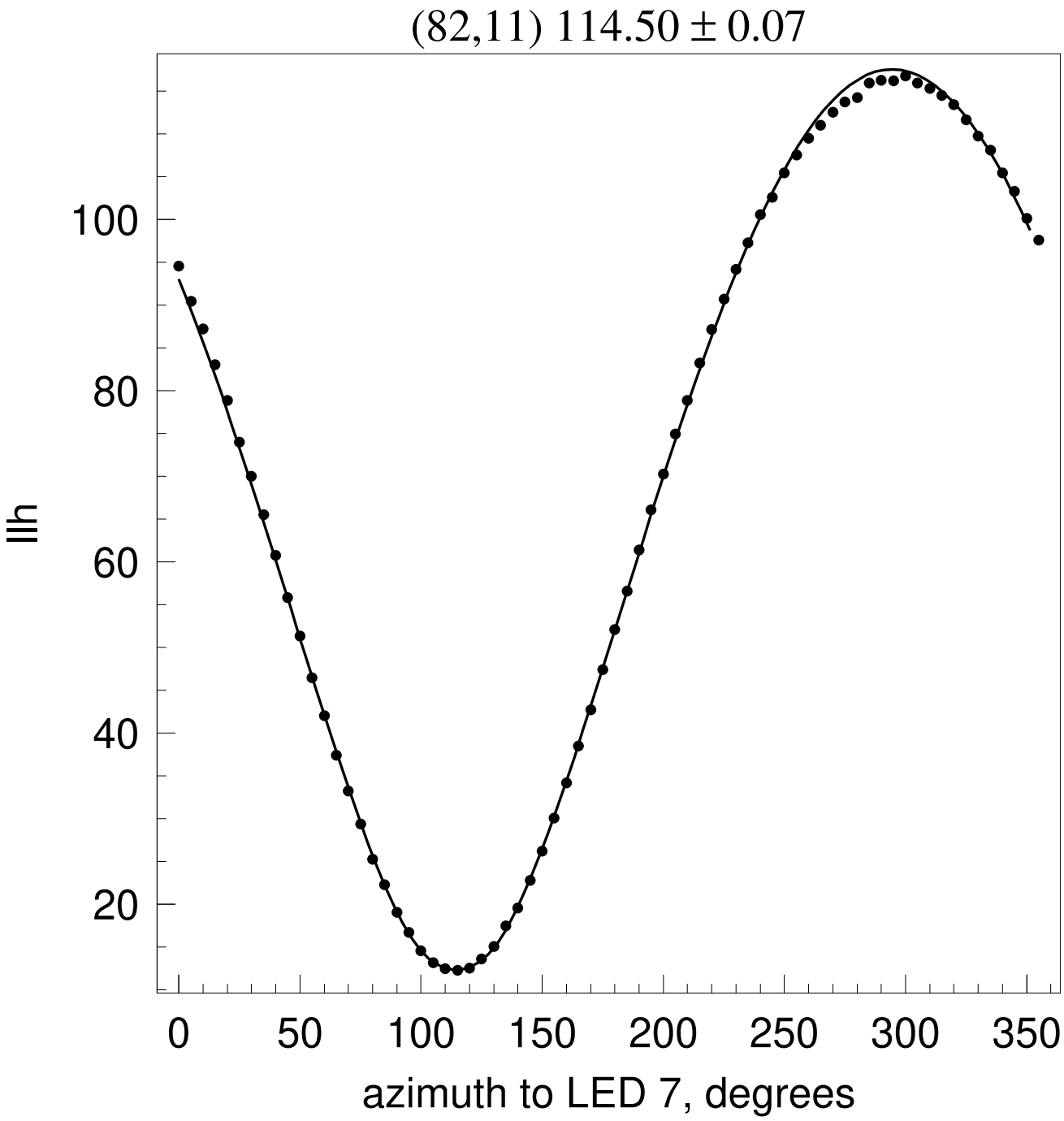

(82,6) 335.60 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

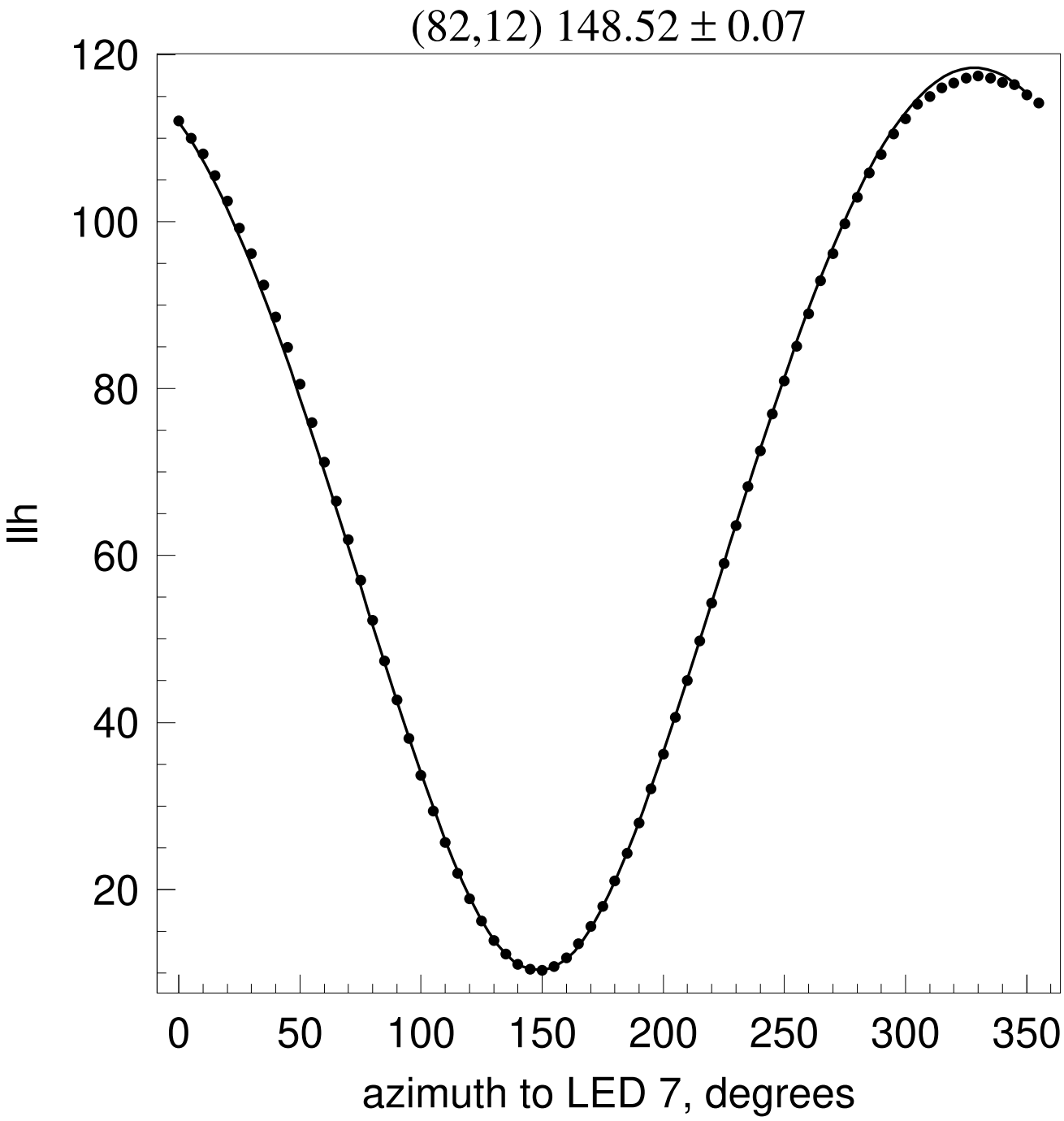

(82,7) 249.20 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

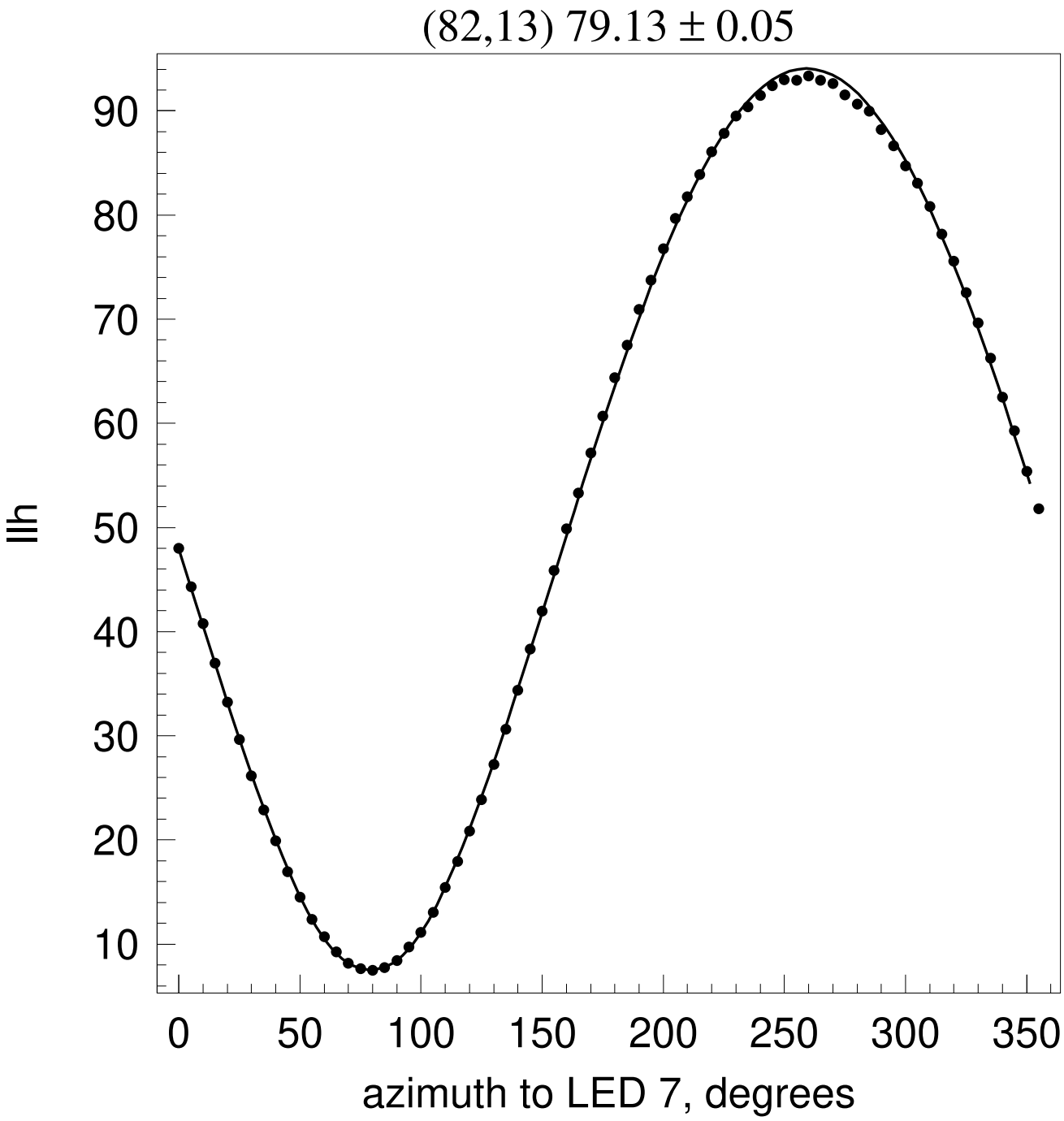

(82,8) 216.35 ± 0.08
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

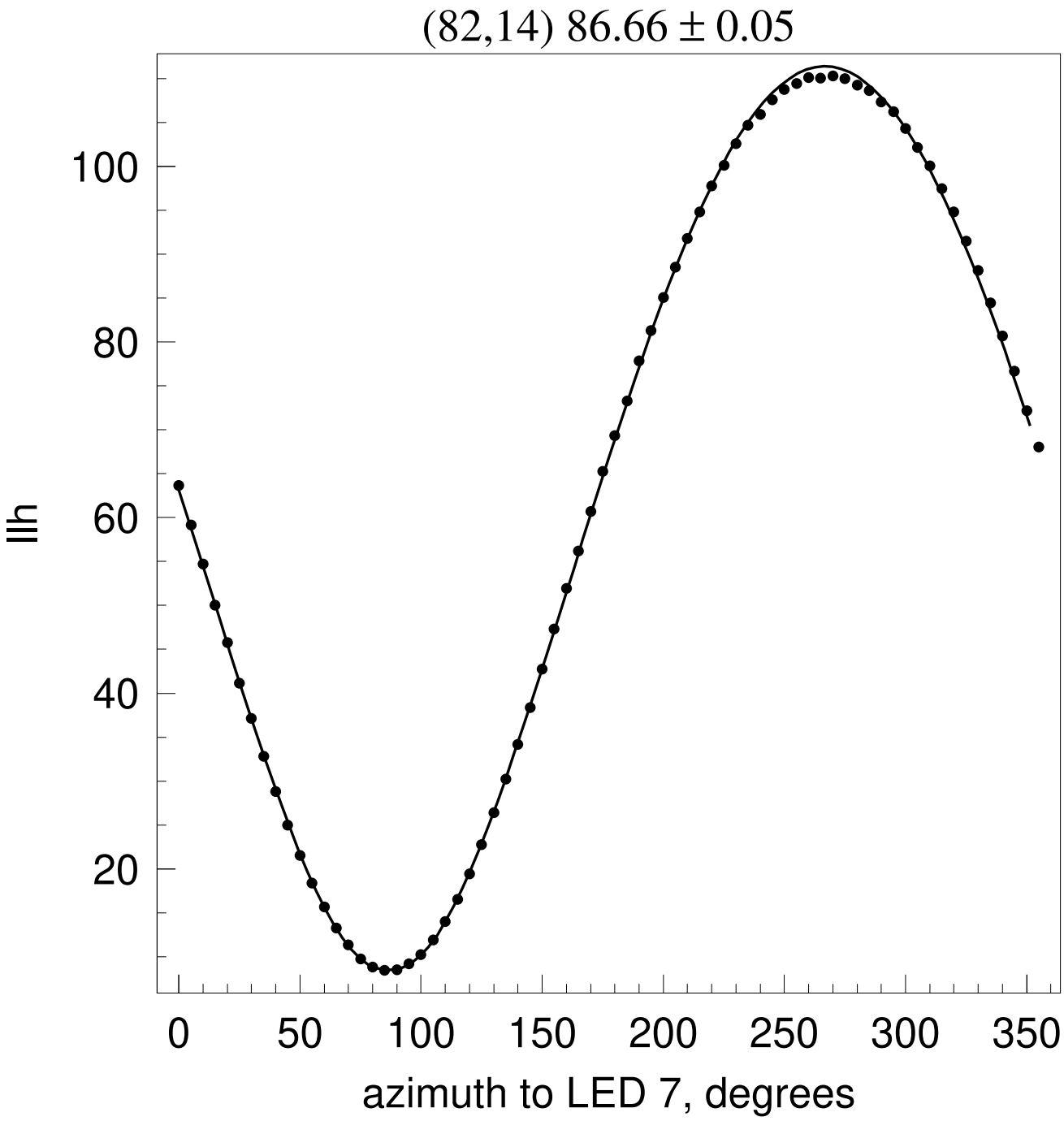

(82,9) 82.39 ± 1.17
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

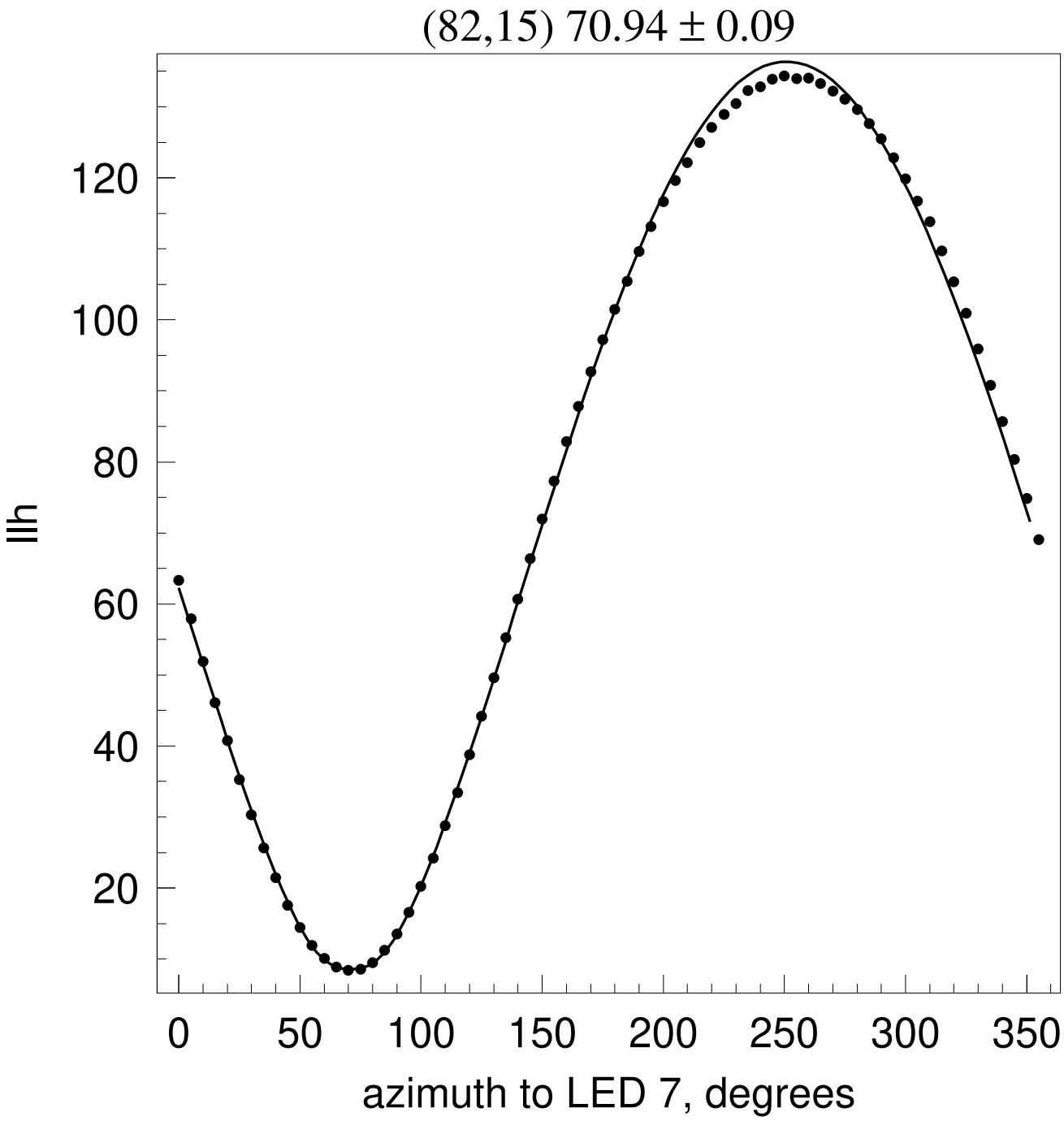

(82,10) 41.87 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

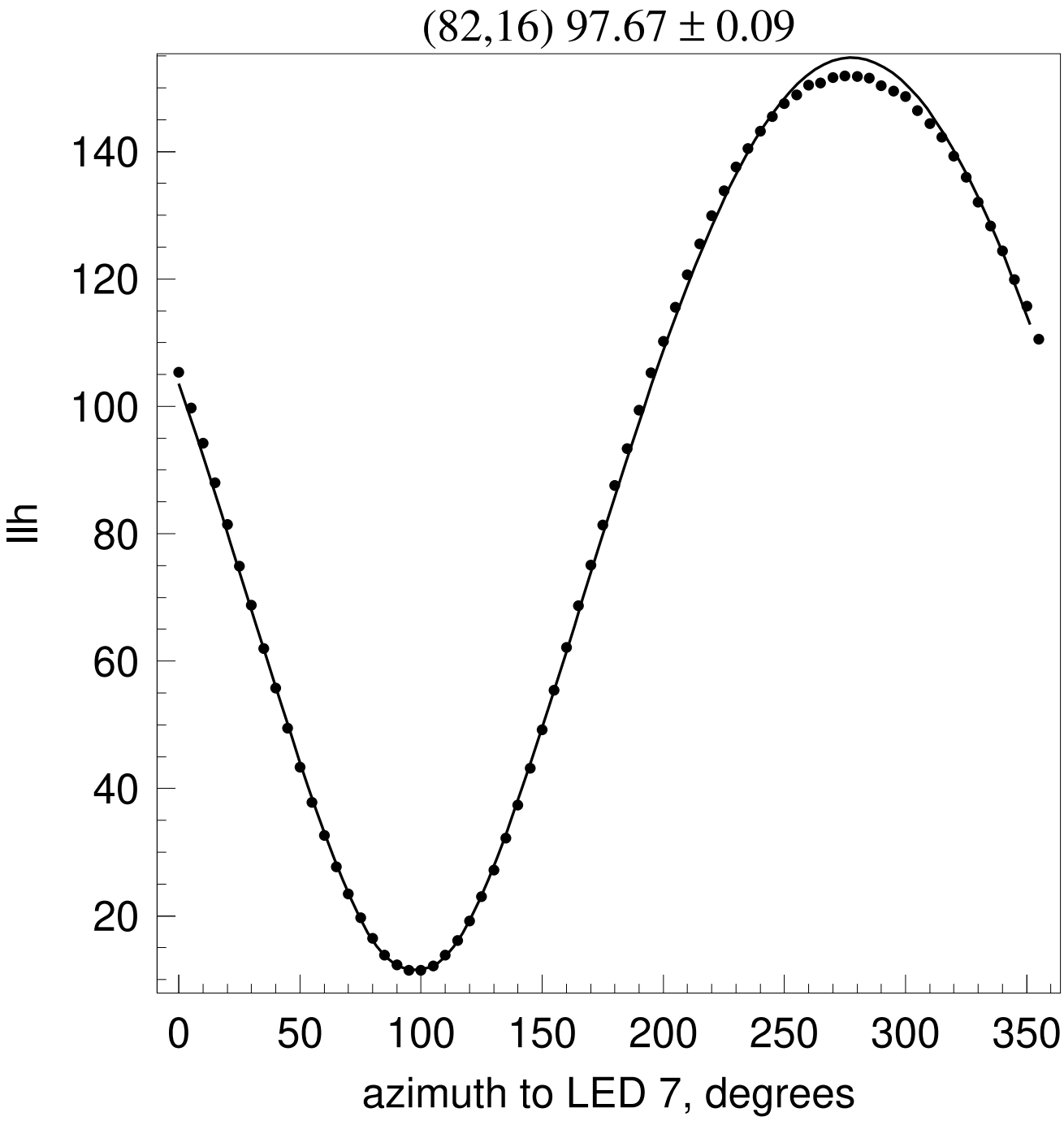

(82,11) 114.50 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

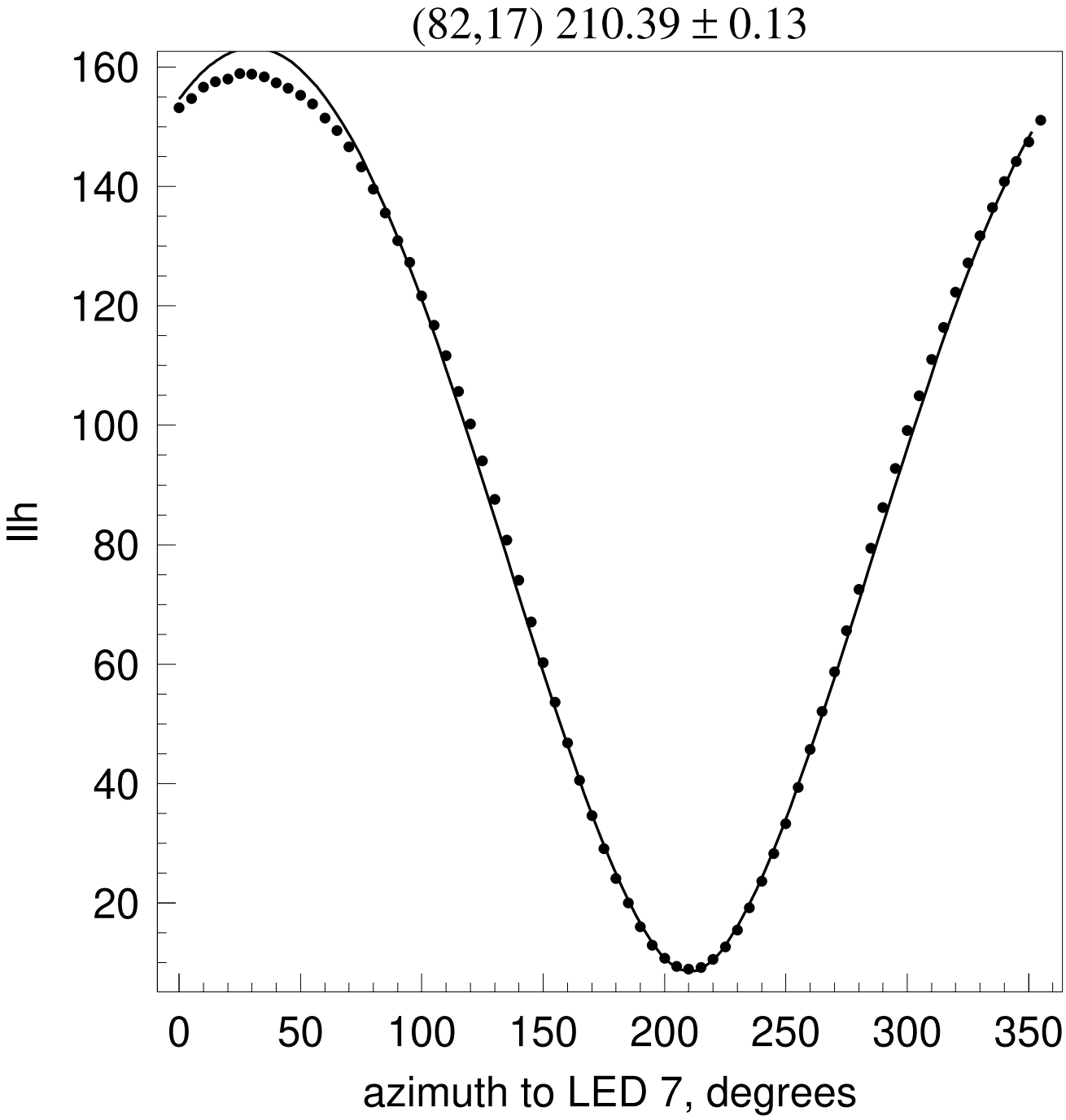

(82,12) 148.52 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

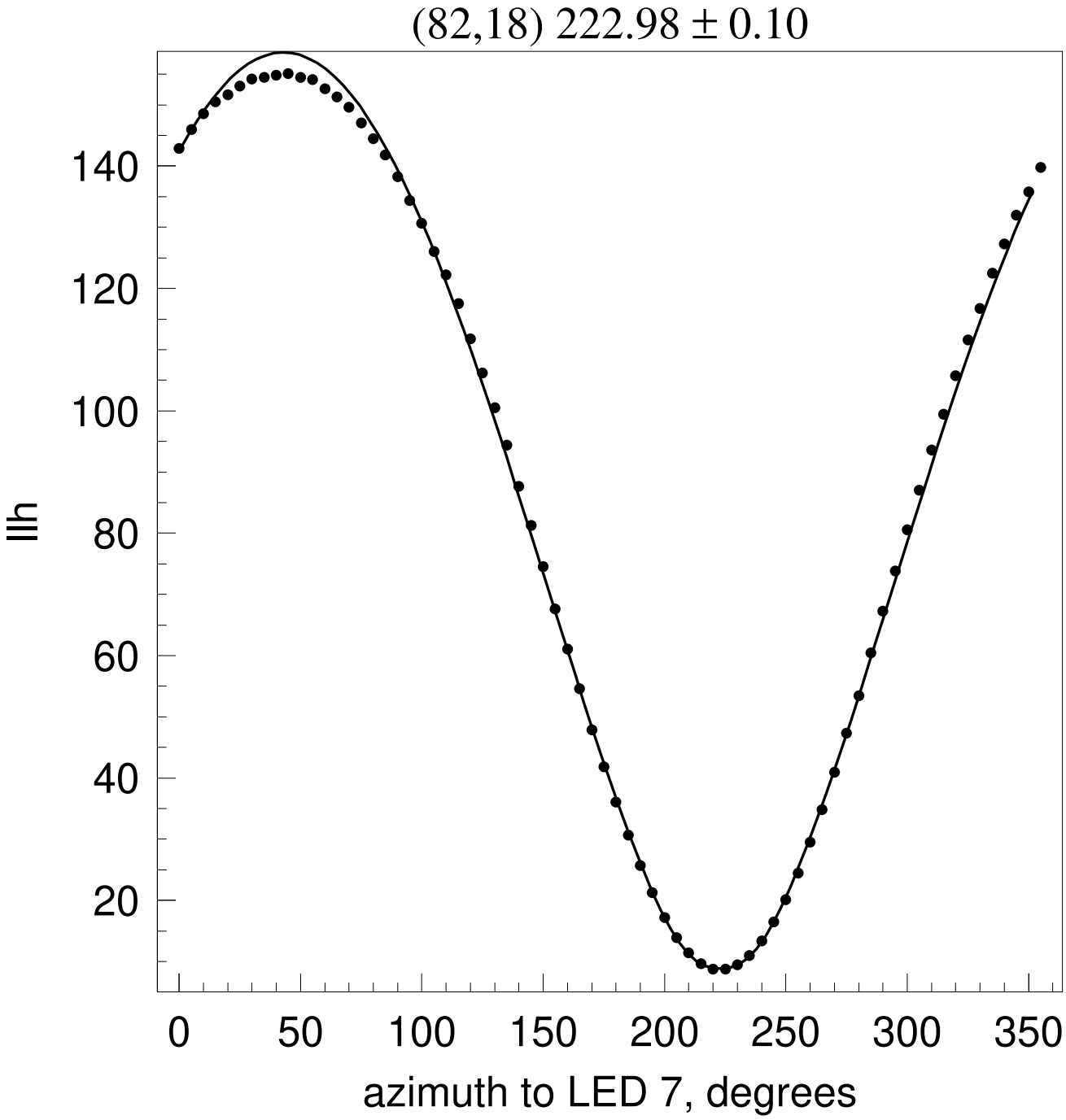

(82,13) 79.13 ± 0.05
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

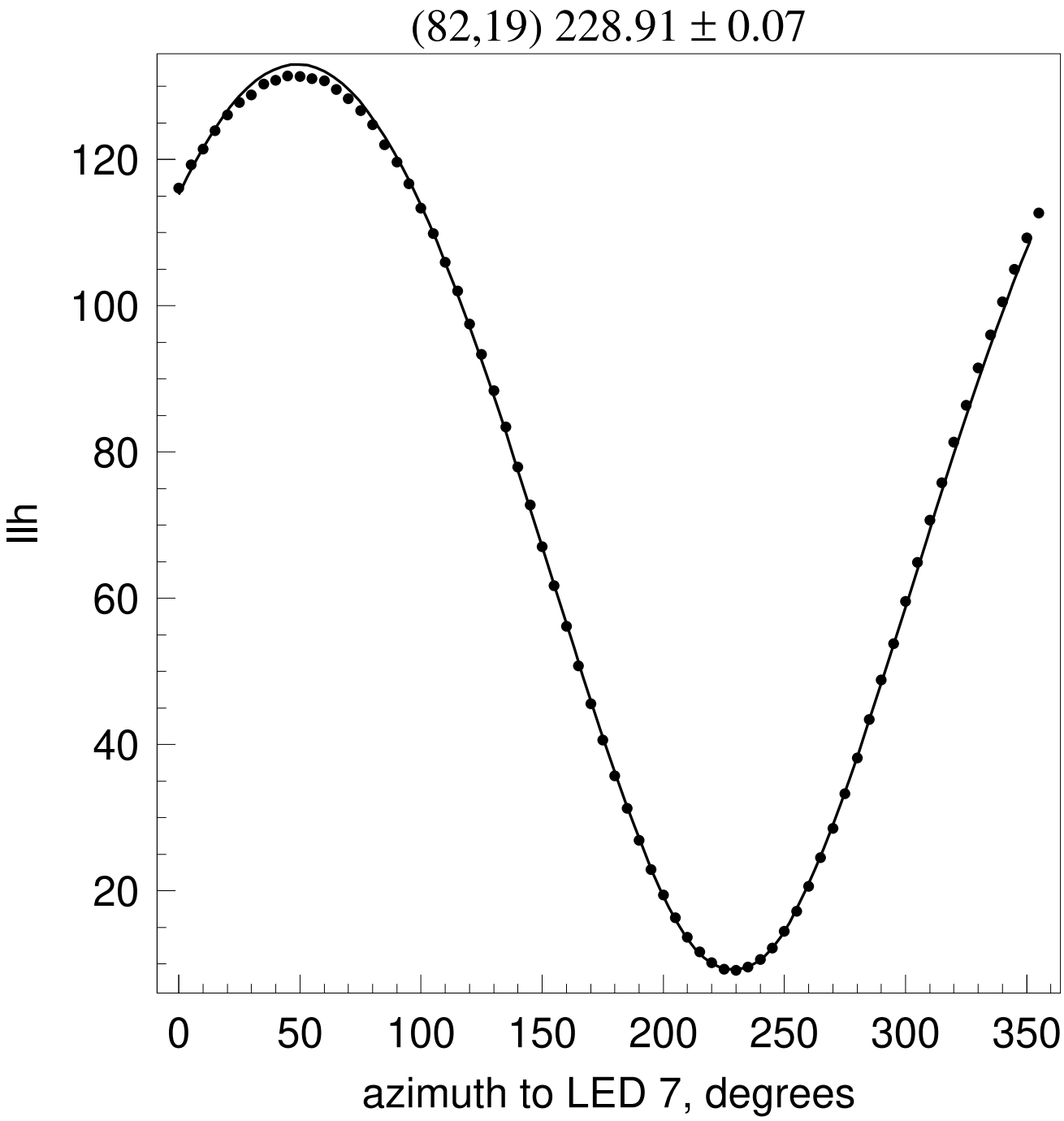

(82,14) 86.66 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

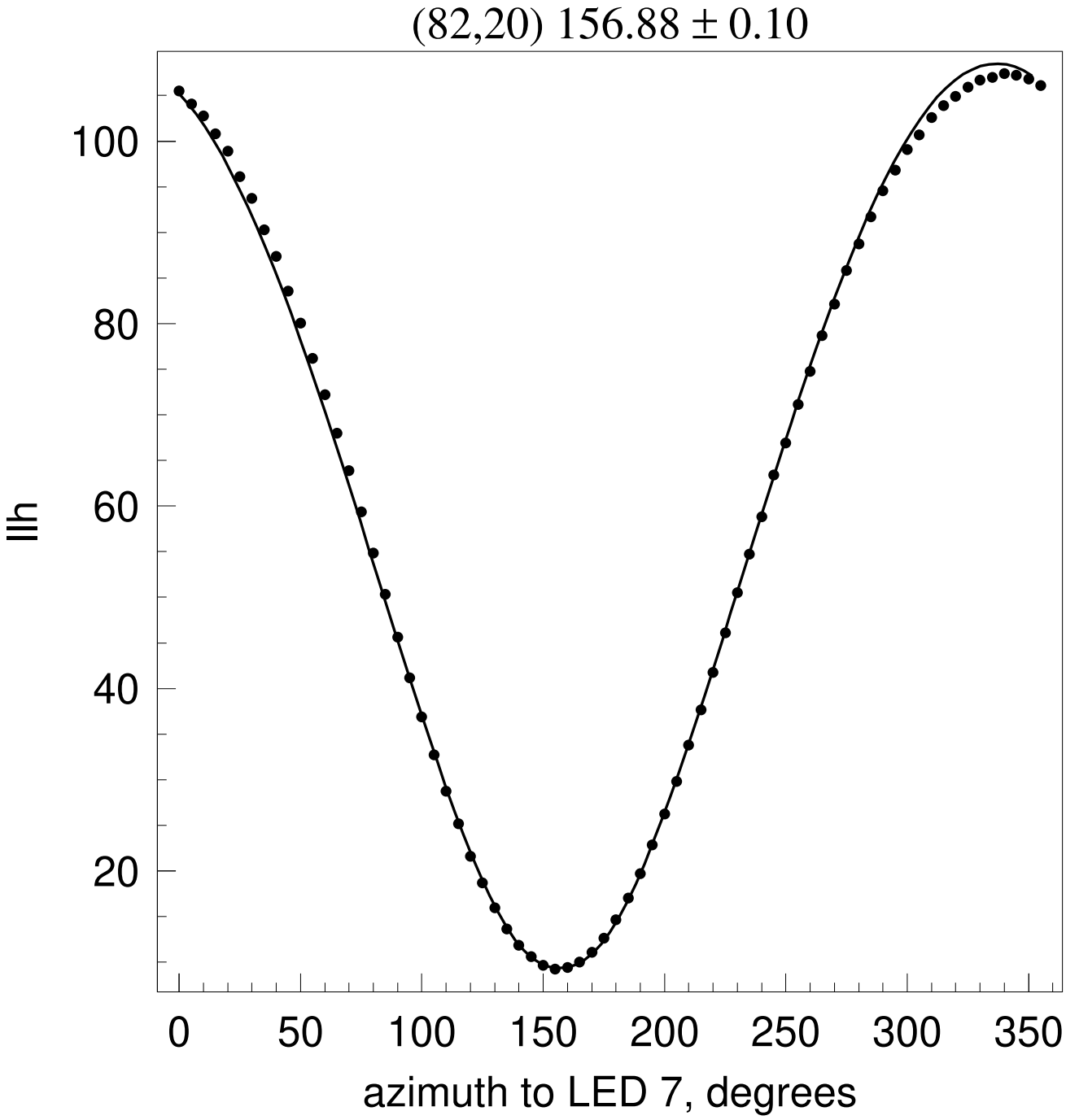

(82,15) 70.94 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

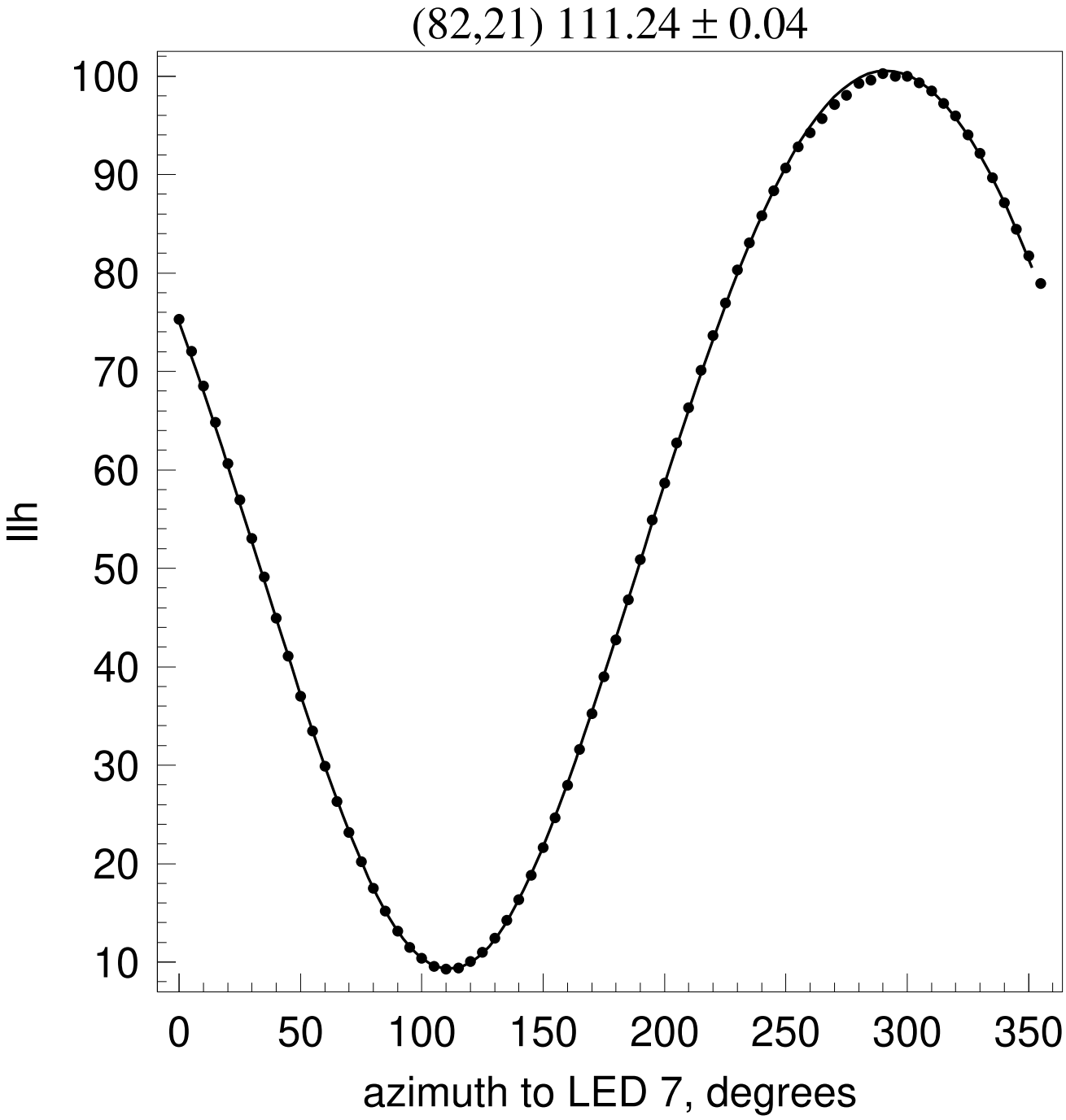

(82,16) 97.67 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

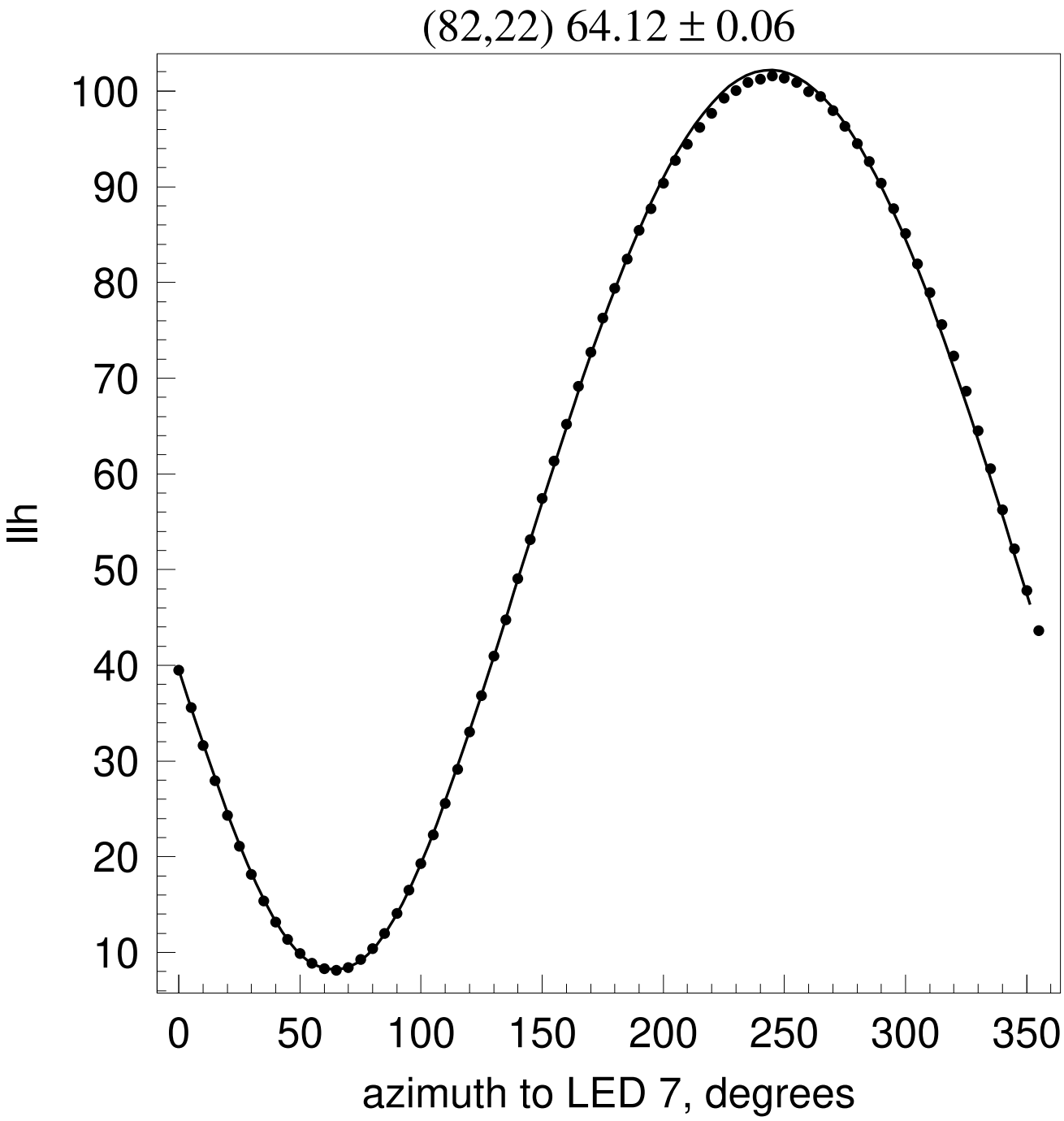

(82,17) 210.39 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

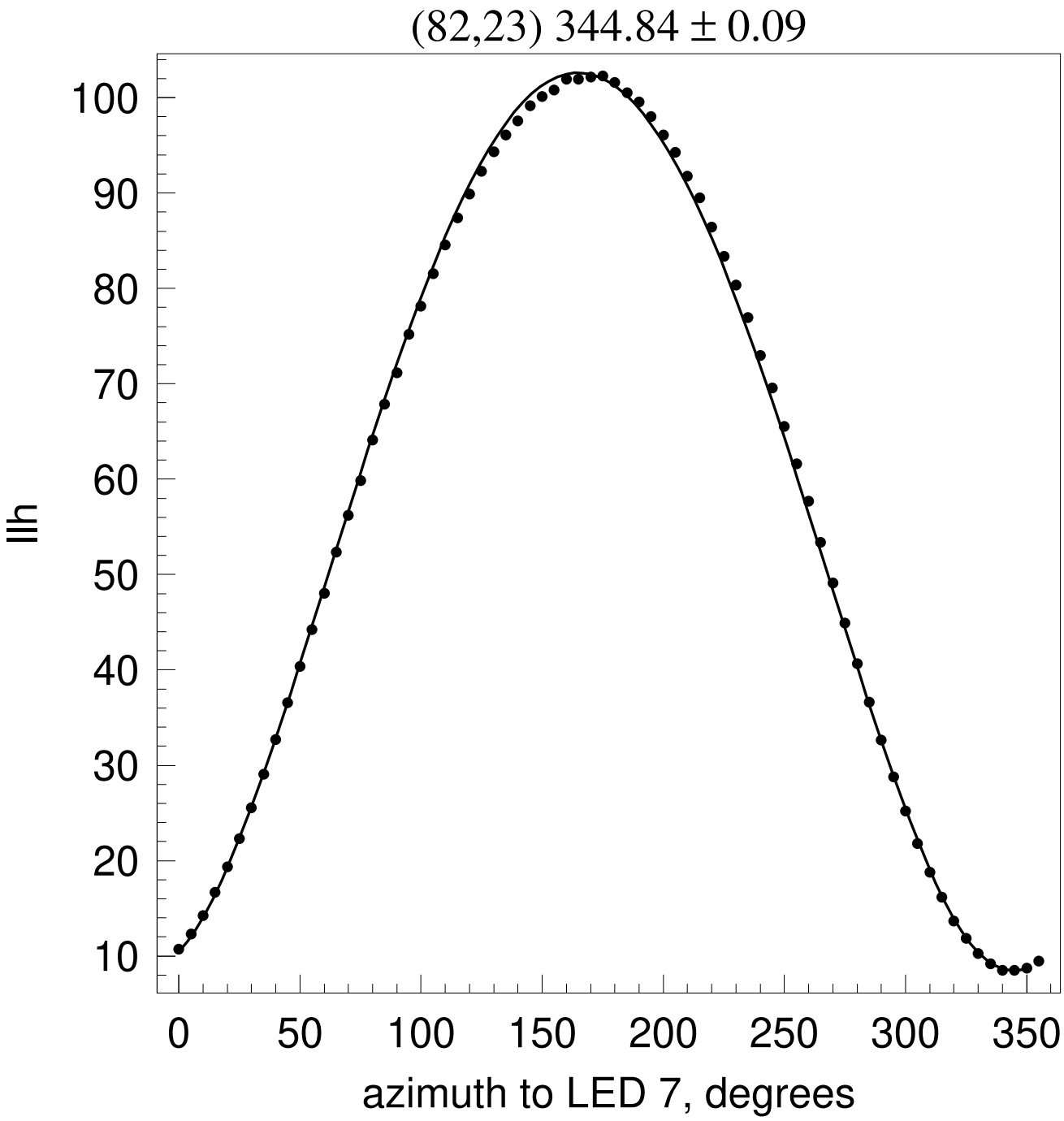

(82,18) 222.98 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

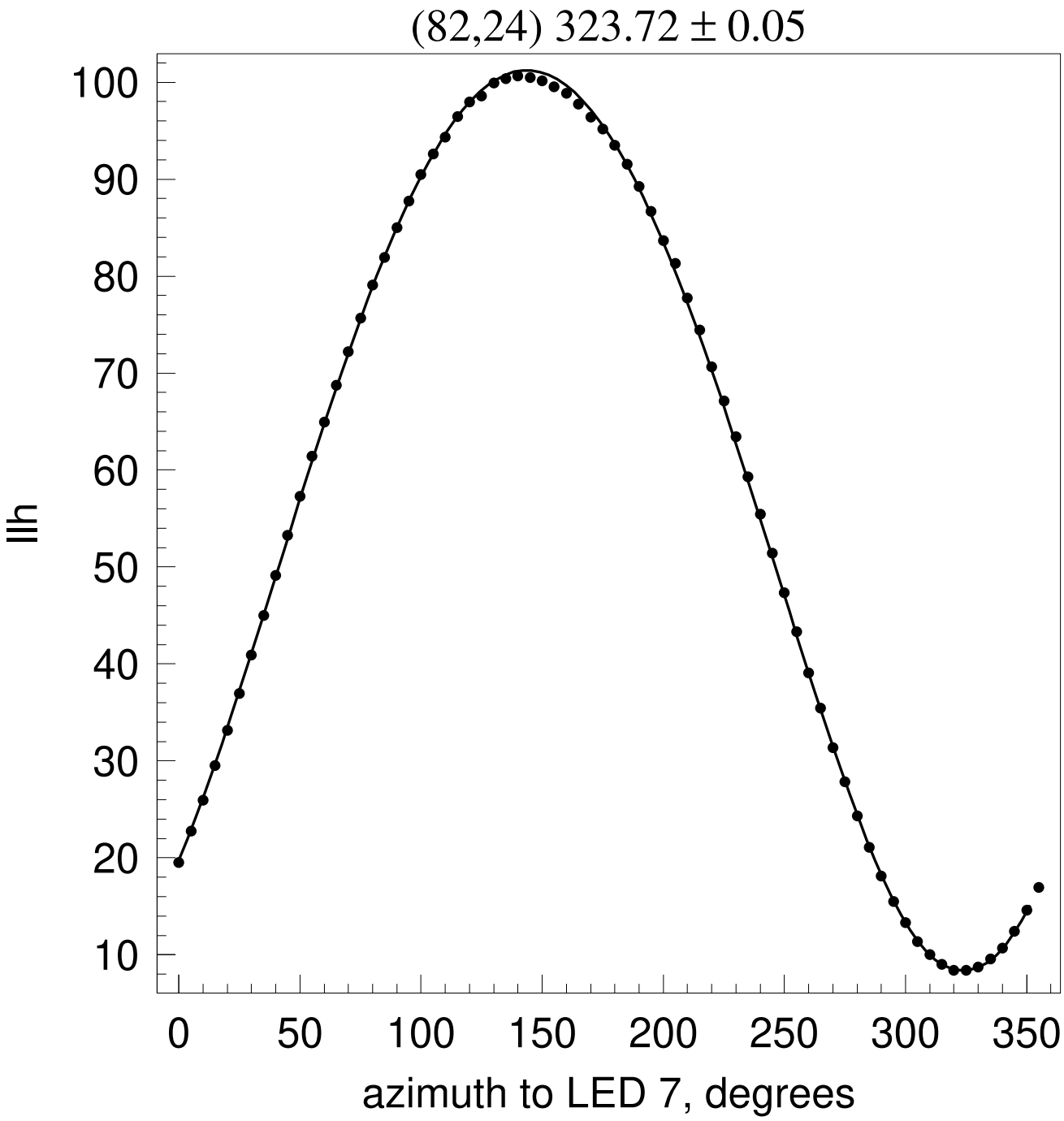

(82,19) 228.91 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

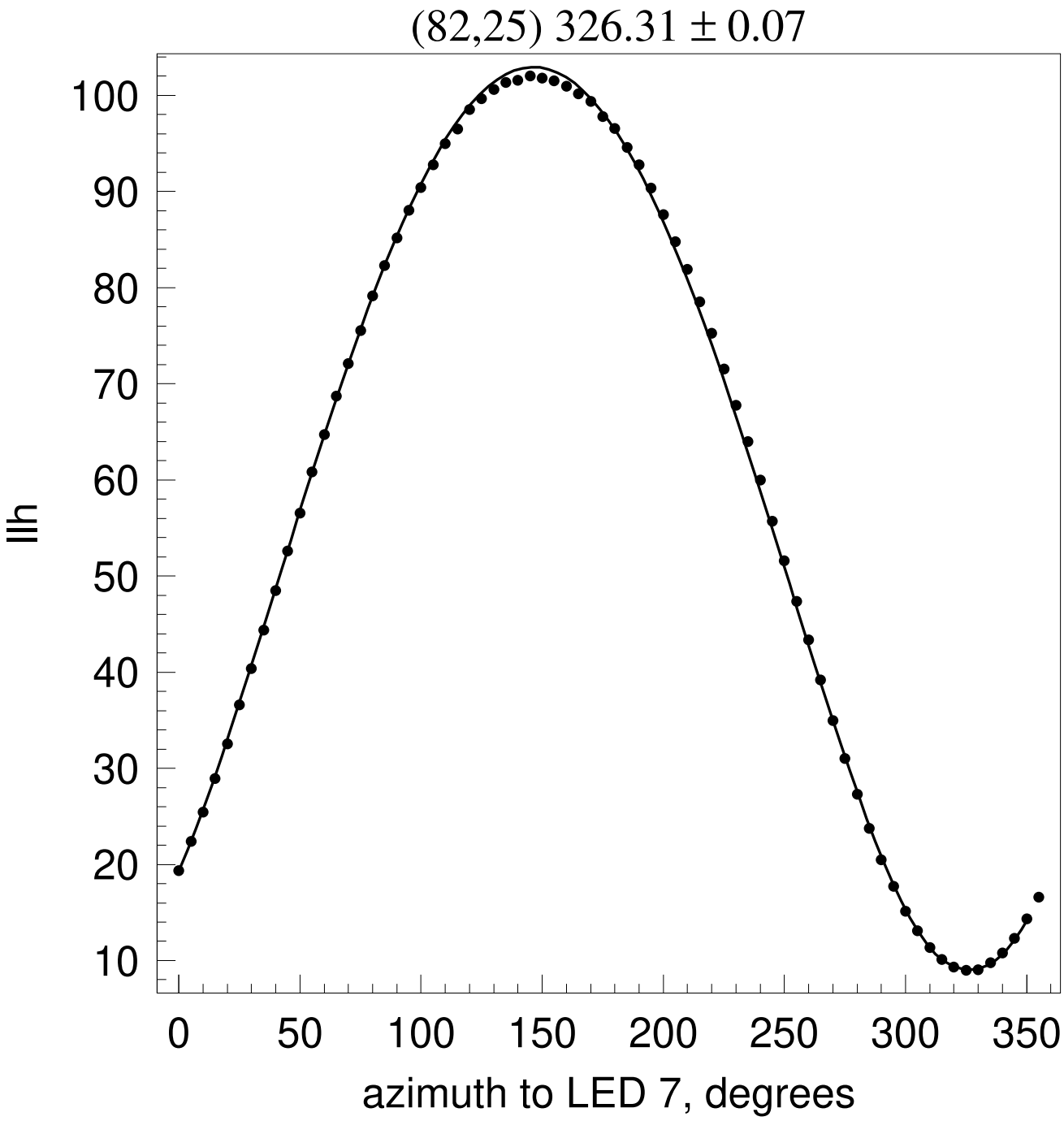

(82,20) 156.88 ± 0.10
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

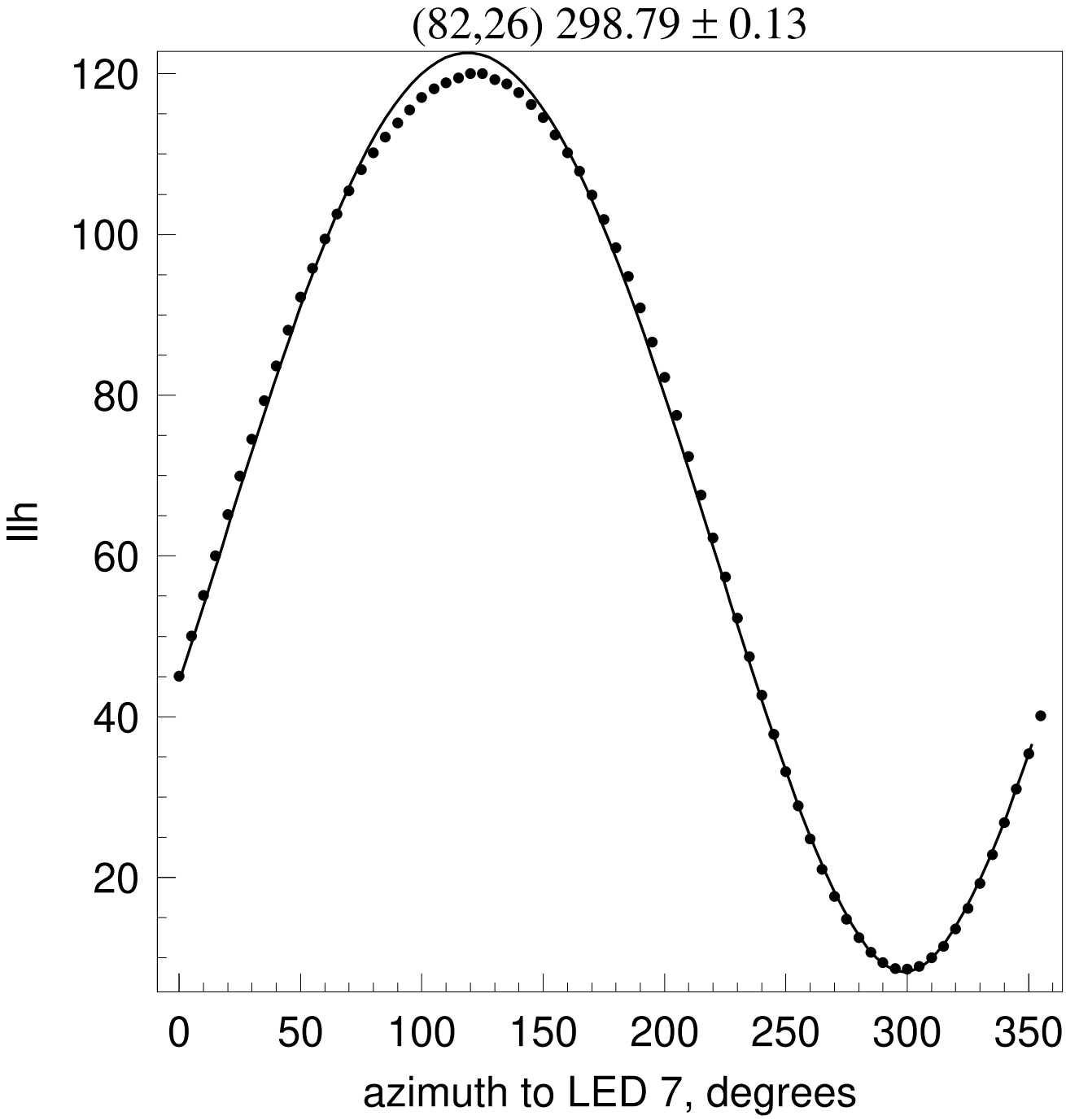

(82,21) 111.24 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

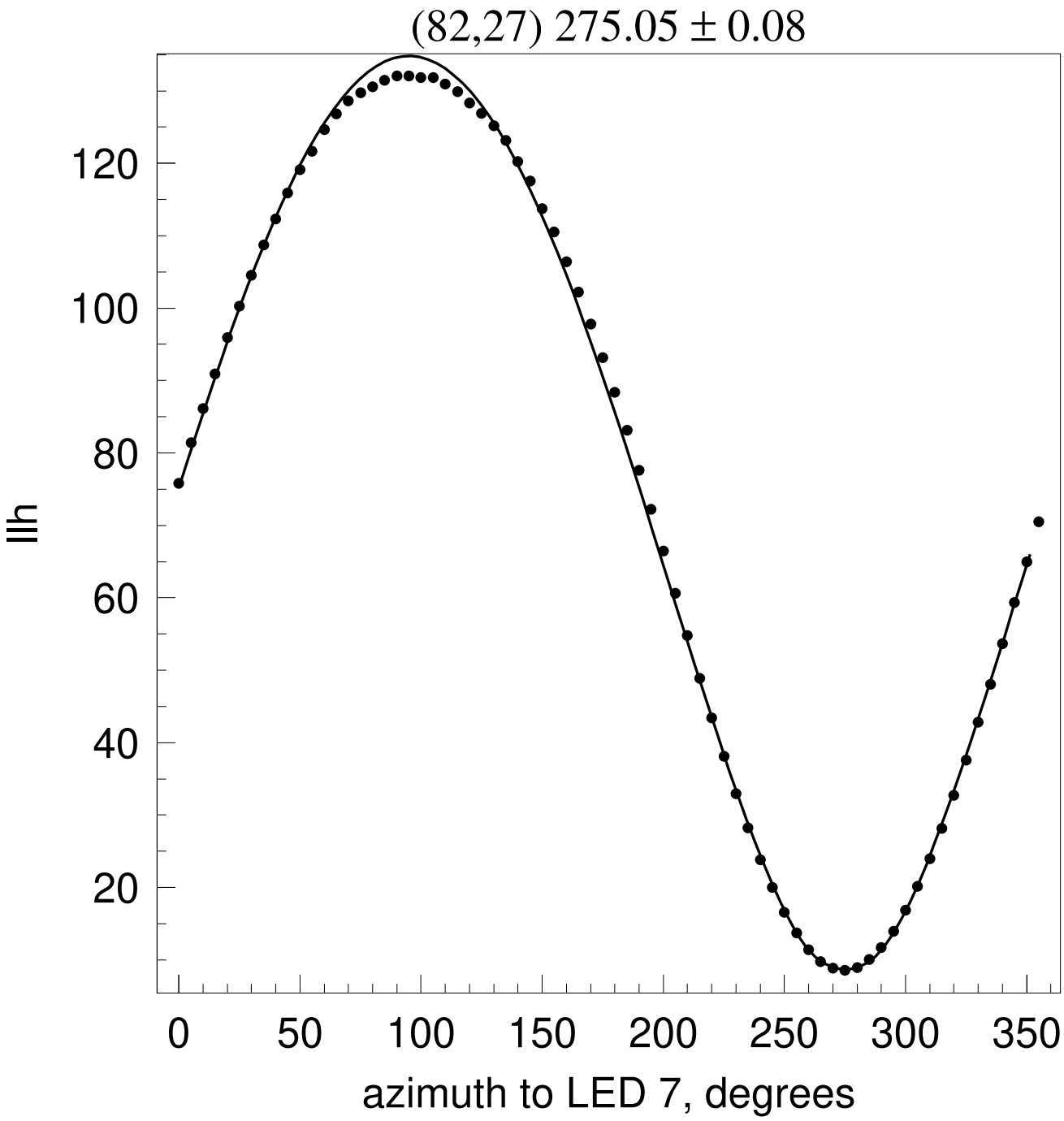

(82,22) 64.12 ± 0.06
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

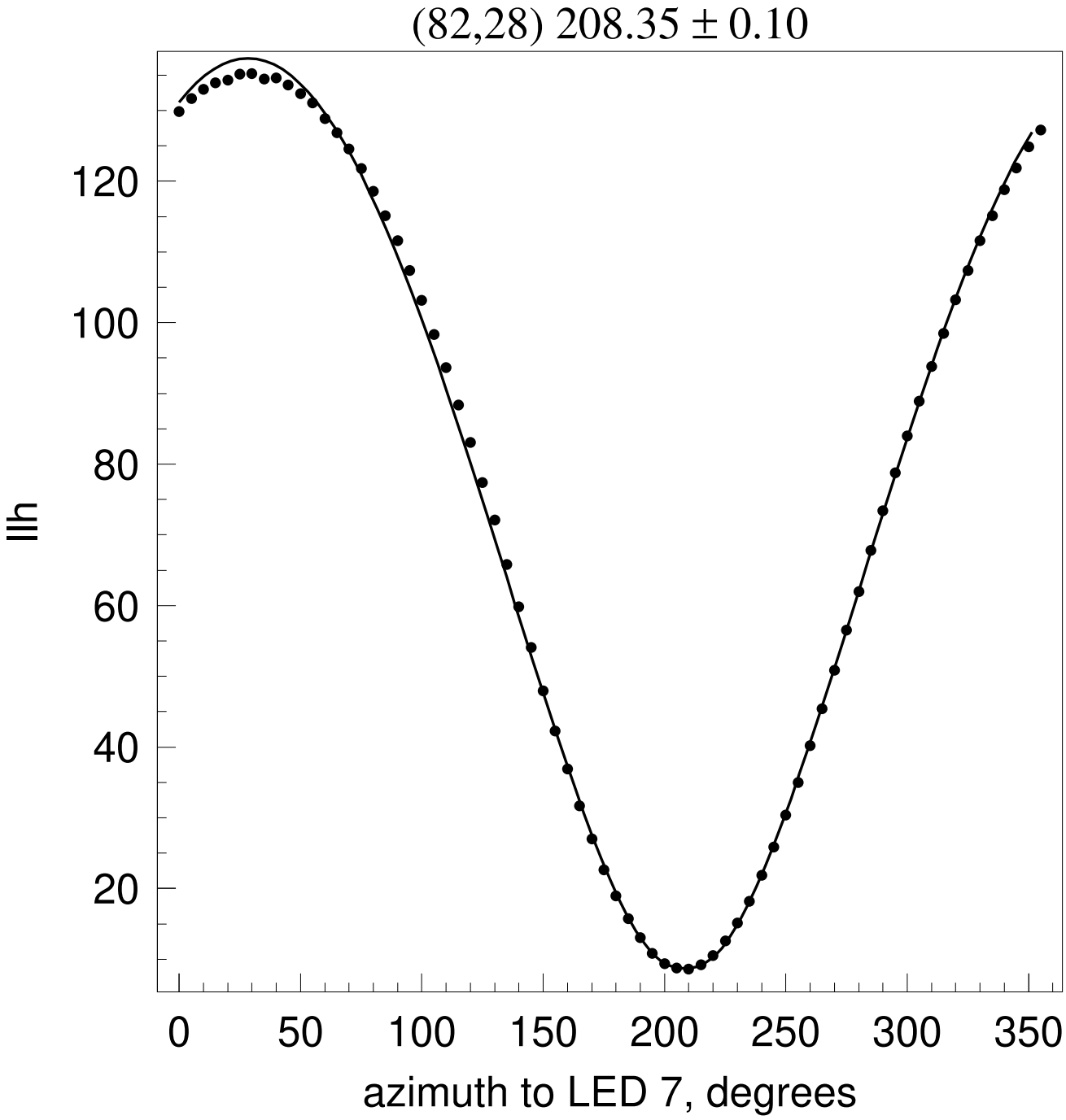

(82,23) 344.84 ± 0.09
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

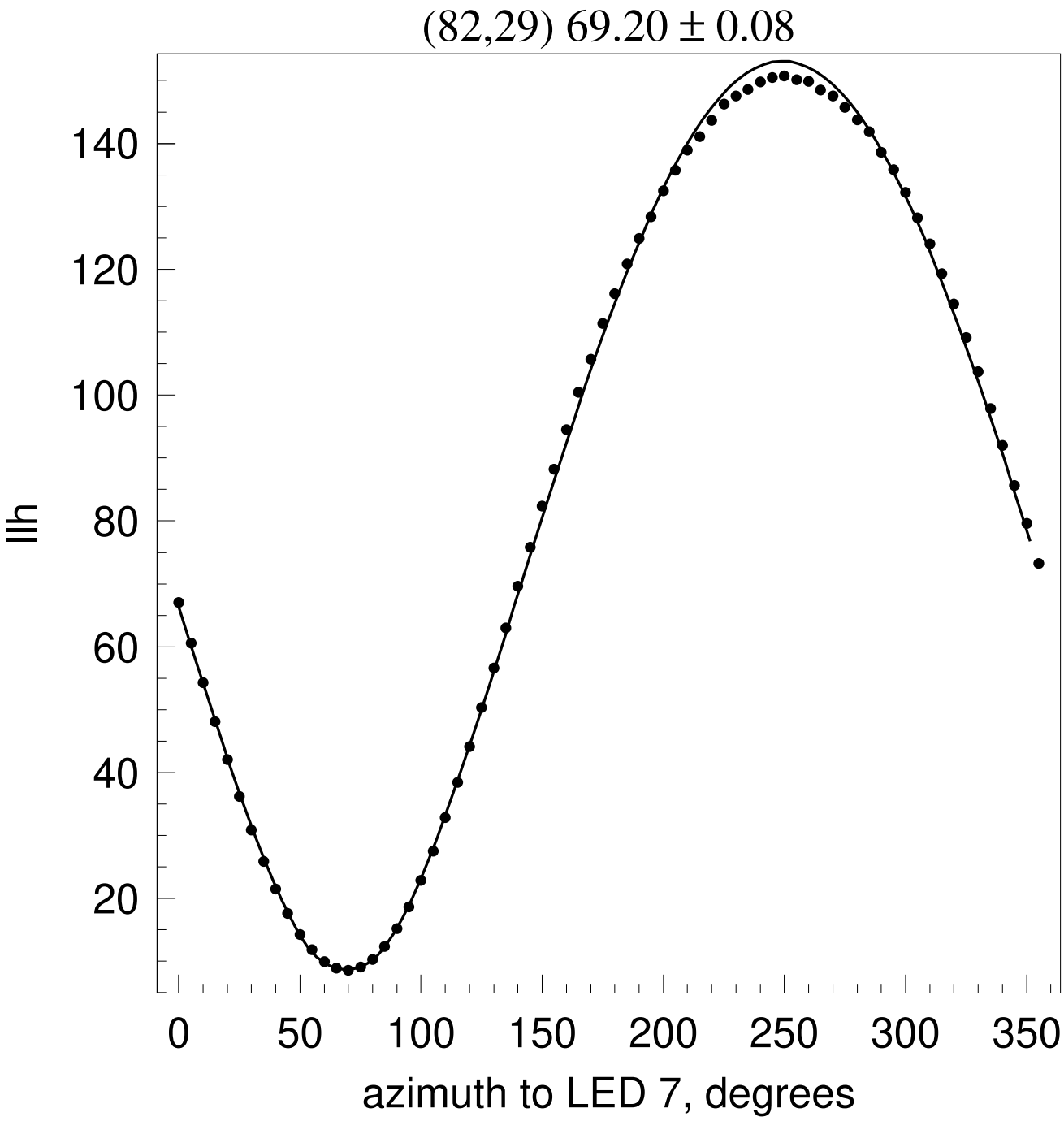

(82,24) 323.72 ± 0.05
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

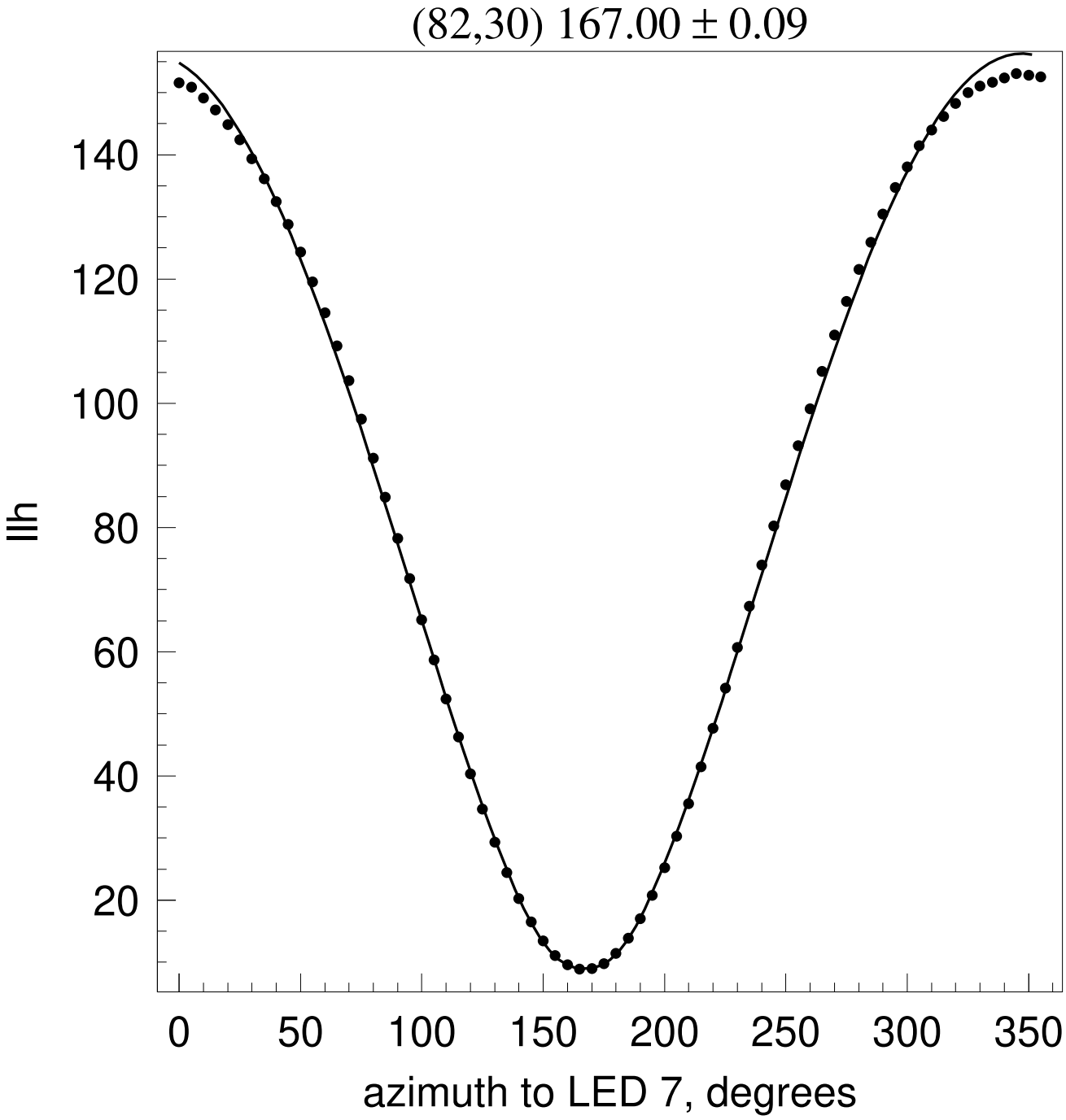

(82,25) 326.31 ± 0.07
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

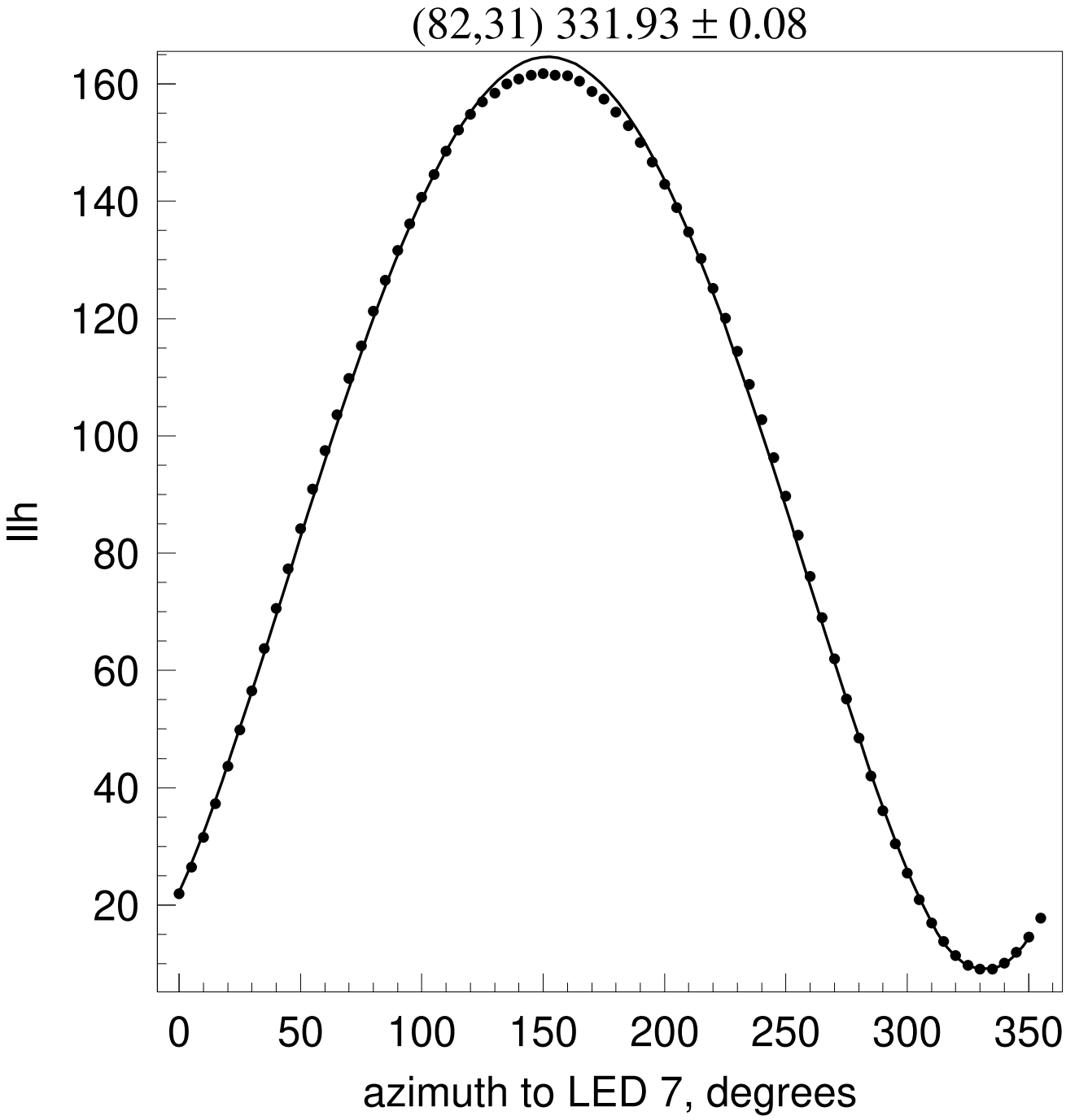

(82,26) 298.79 ± 0.13
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

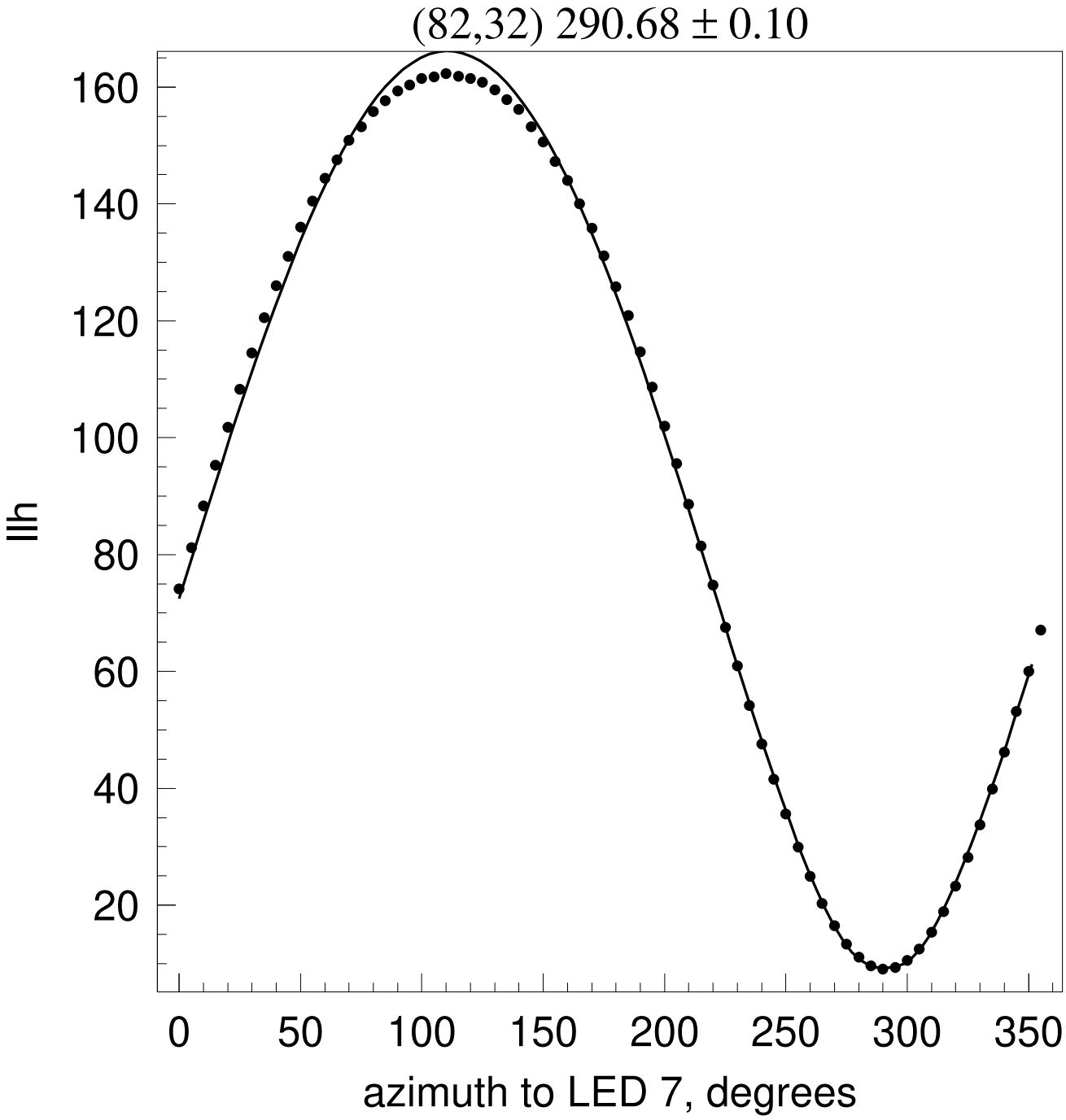

(82,27) 275.05 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

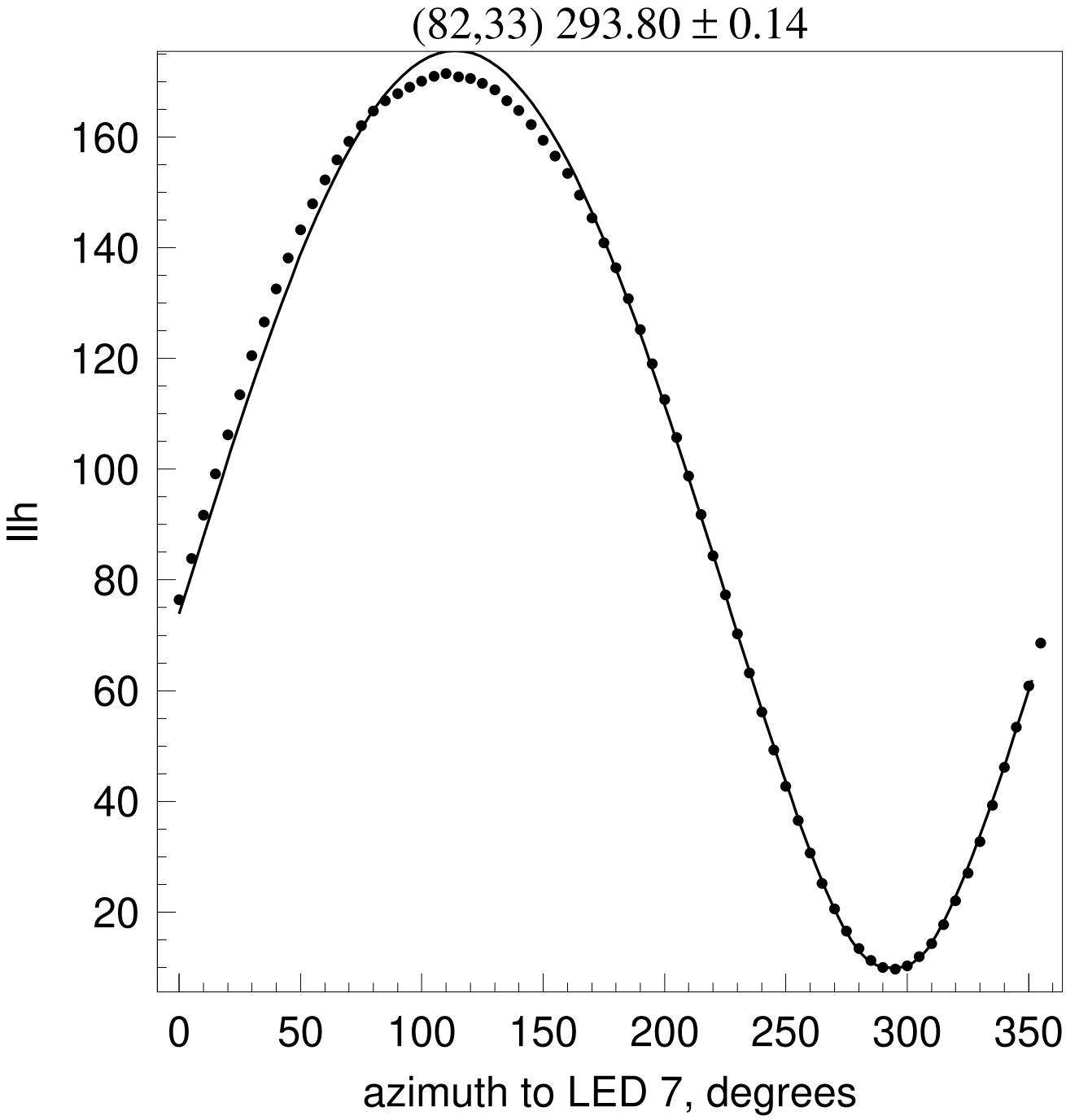

(82,28) 208.35 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

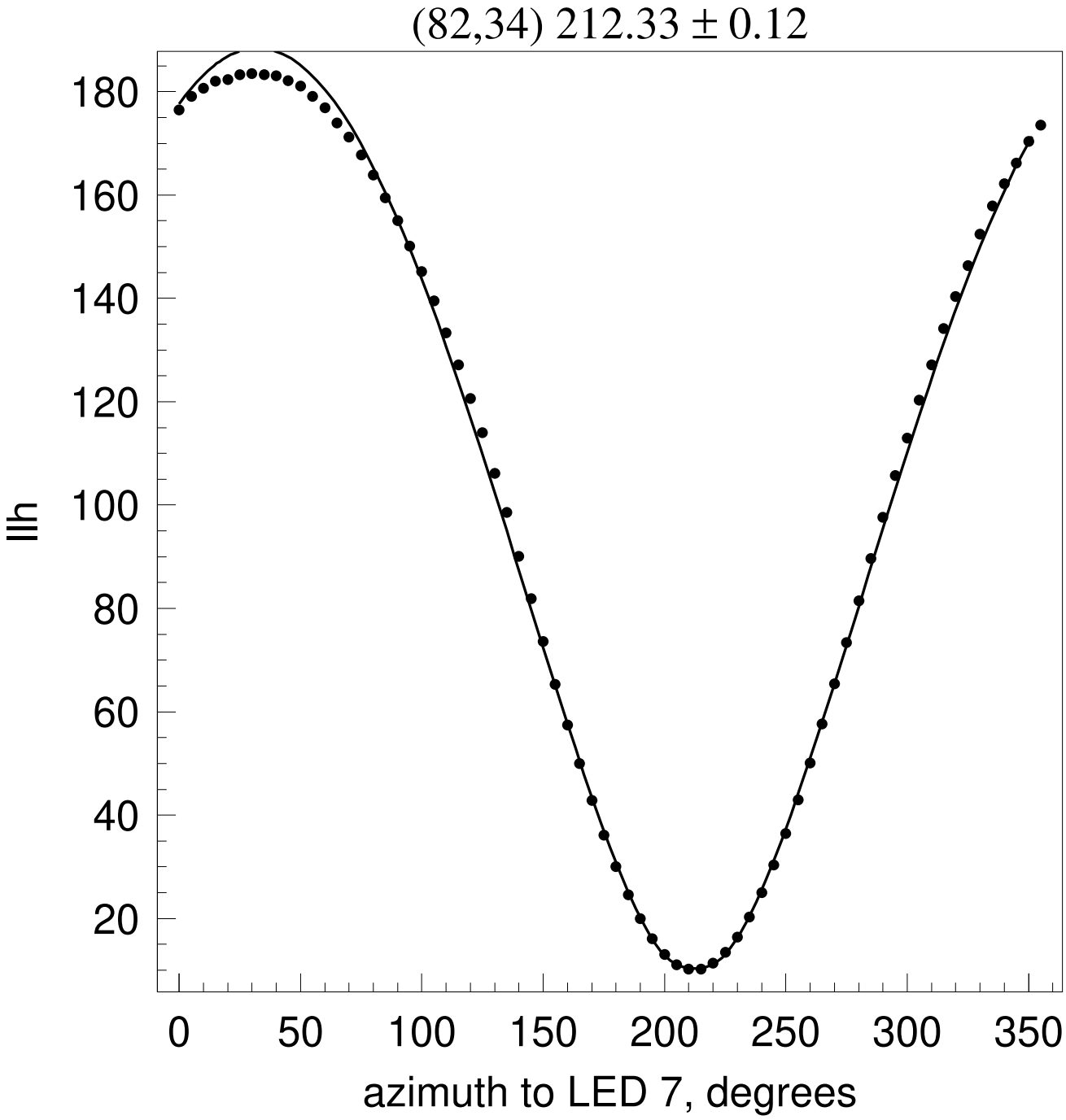

(82,29) 69.20 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

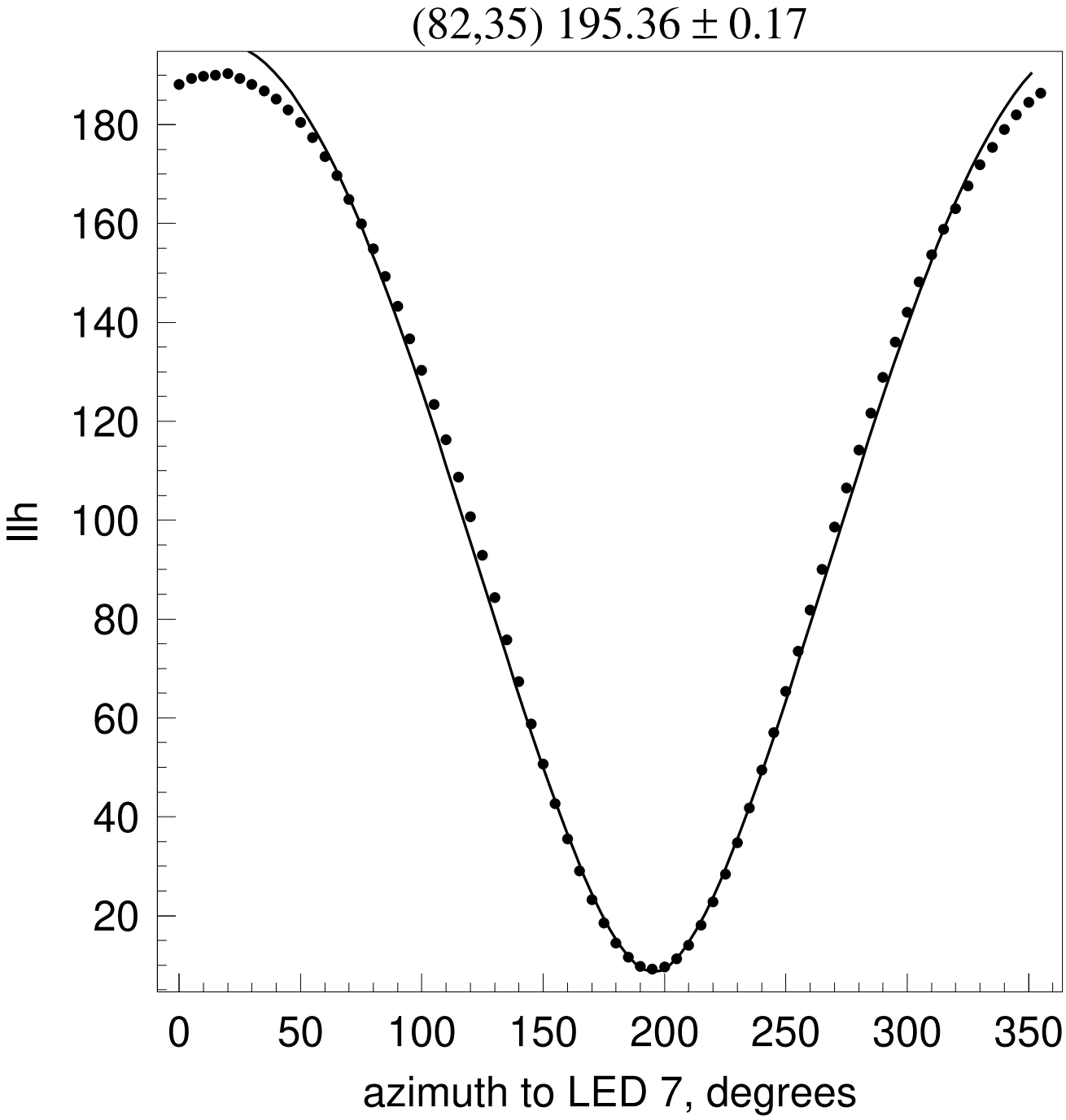

(82,30) 167.00 ± 0.09
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

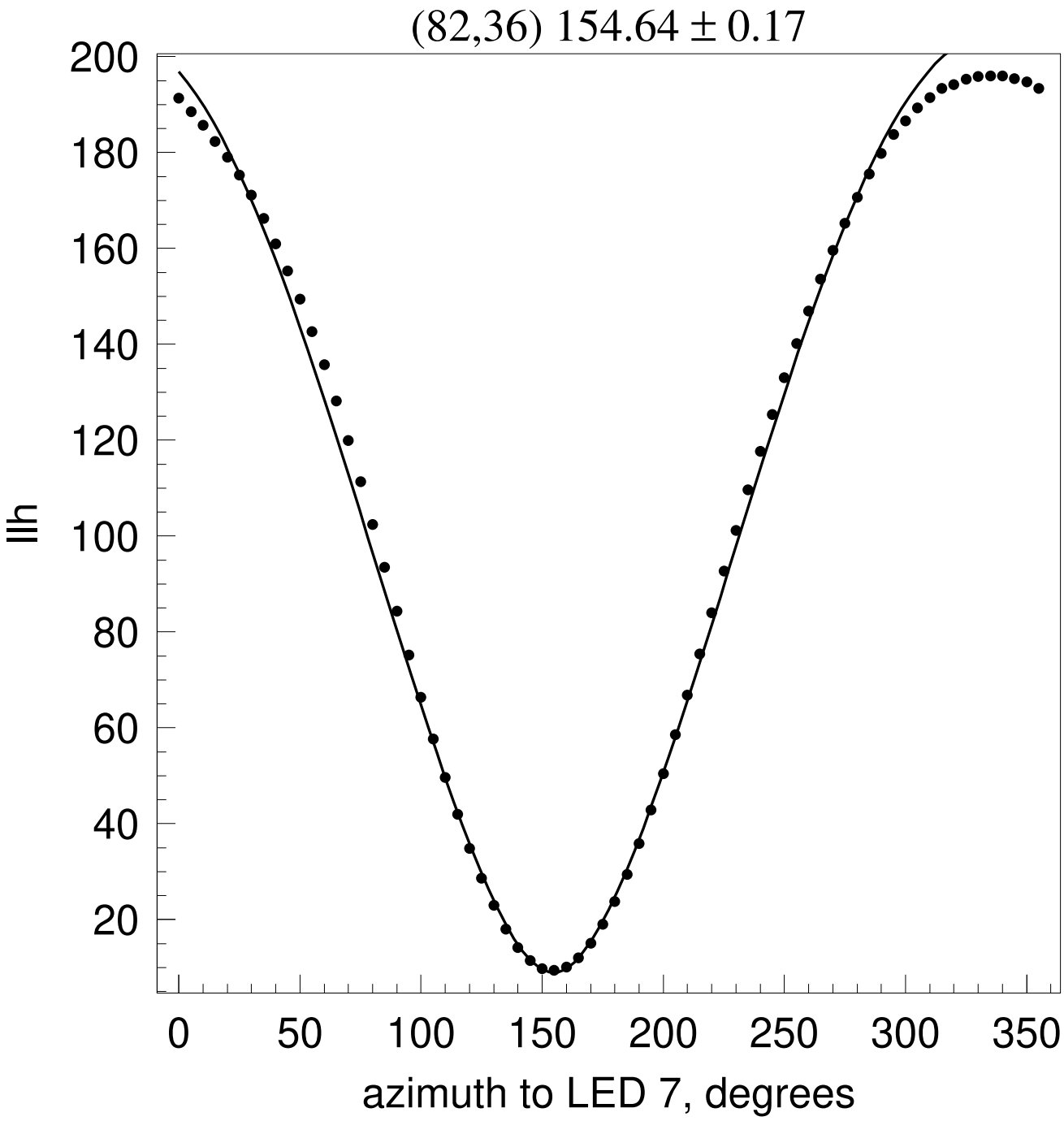

(82,31) 331.93 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

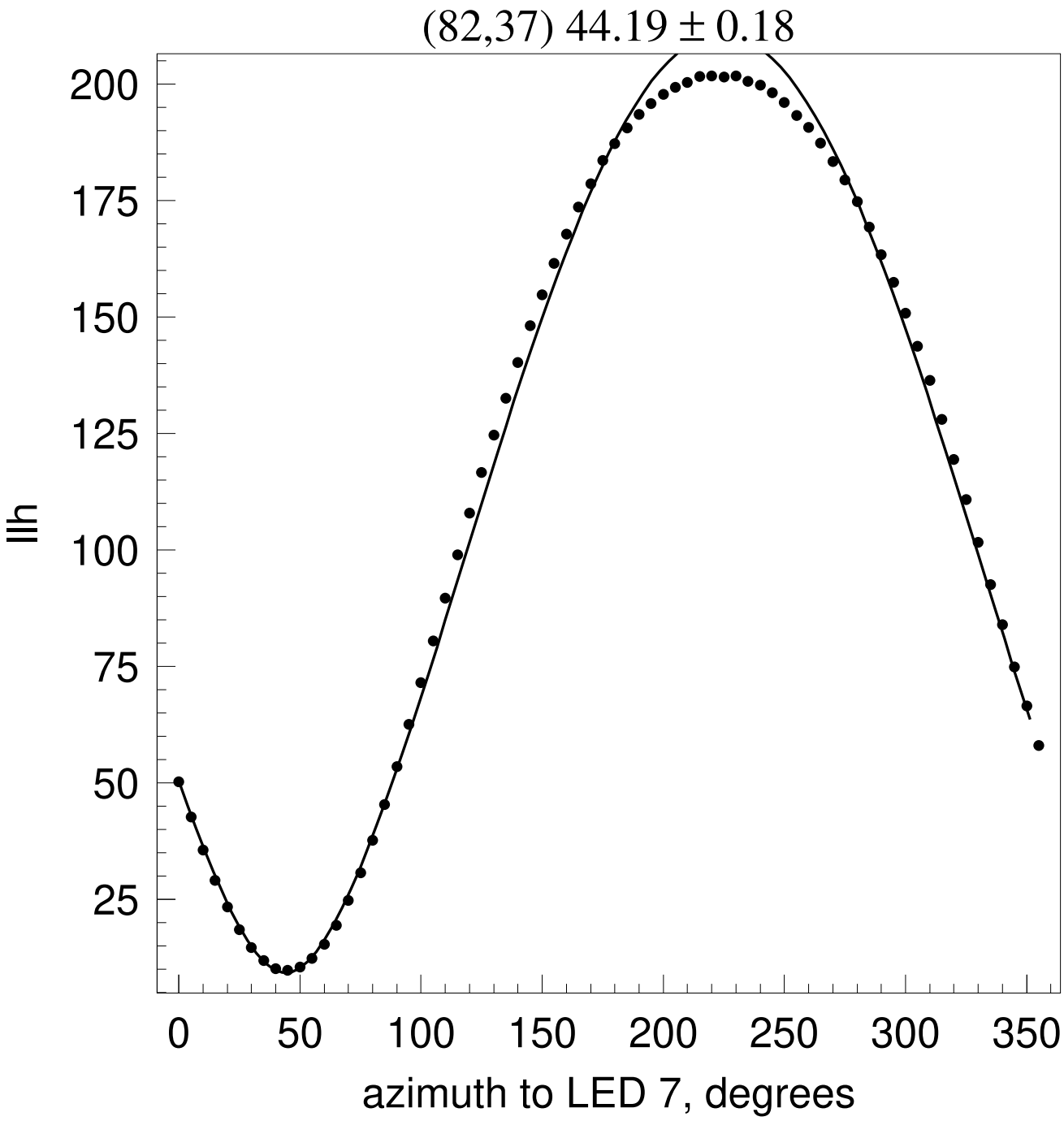

(82,32) 290.68 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

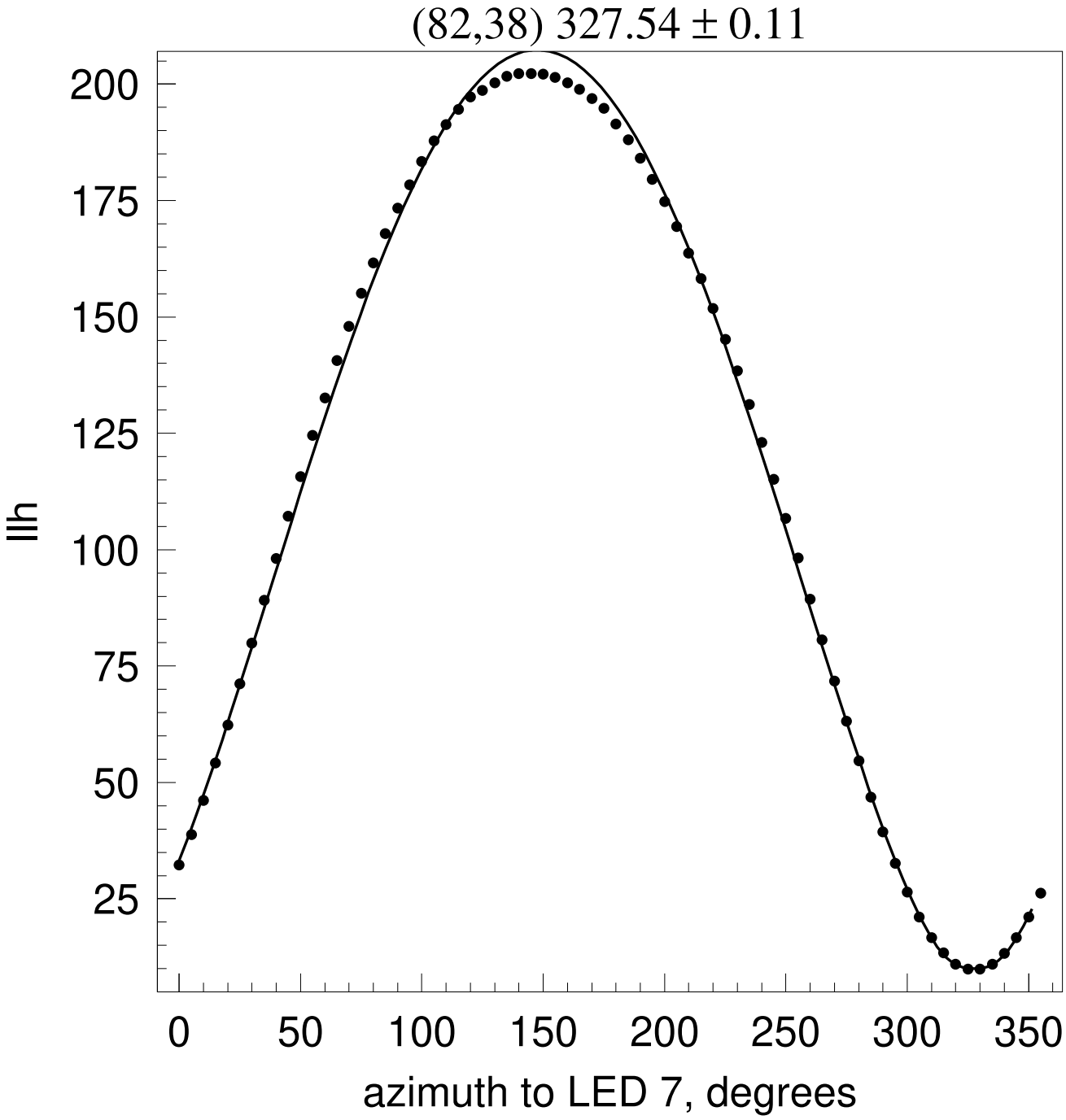

(82,33) 293.80 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

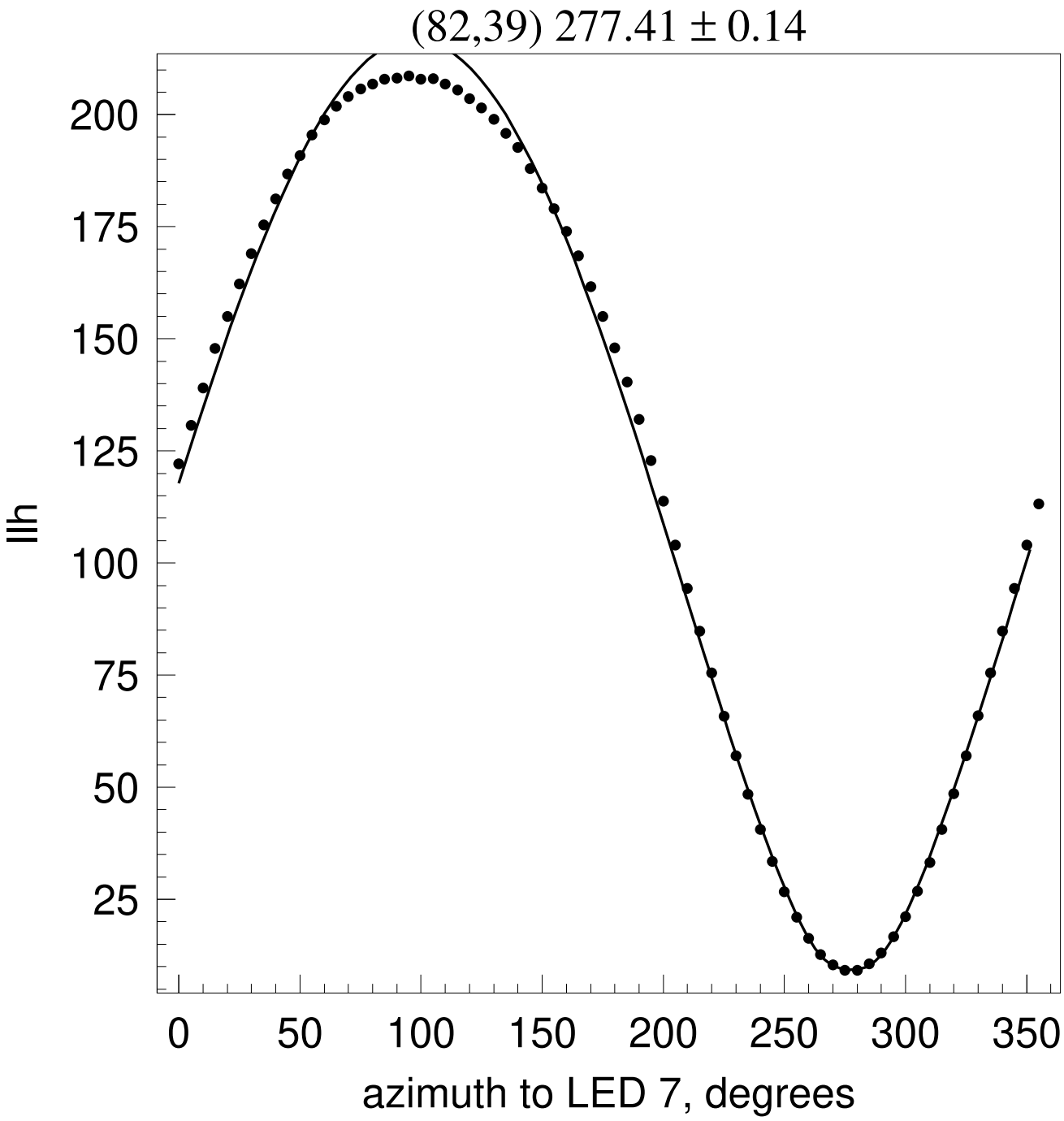

(82,34) 212.33 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

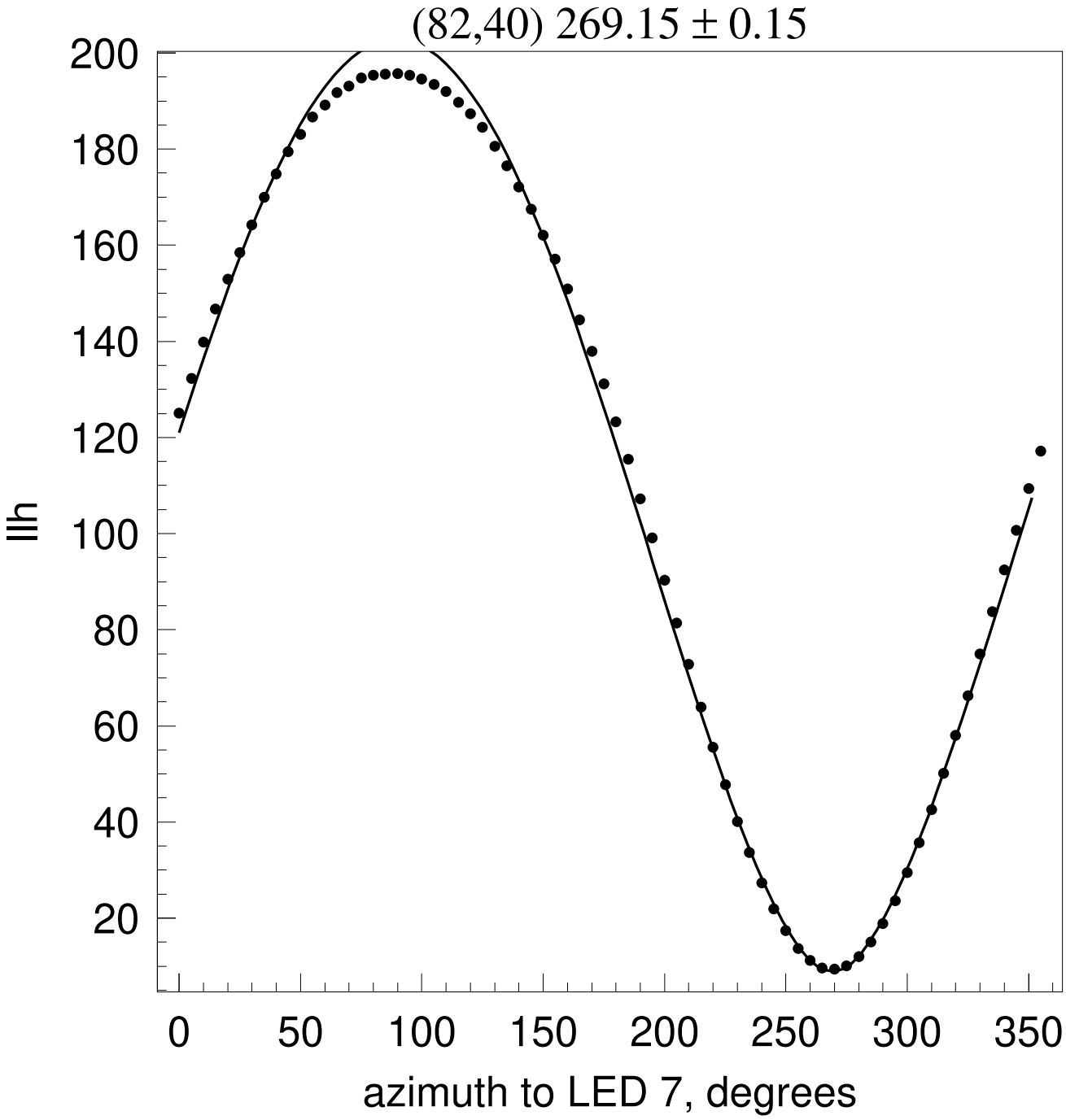

(82,35) 195.36 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

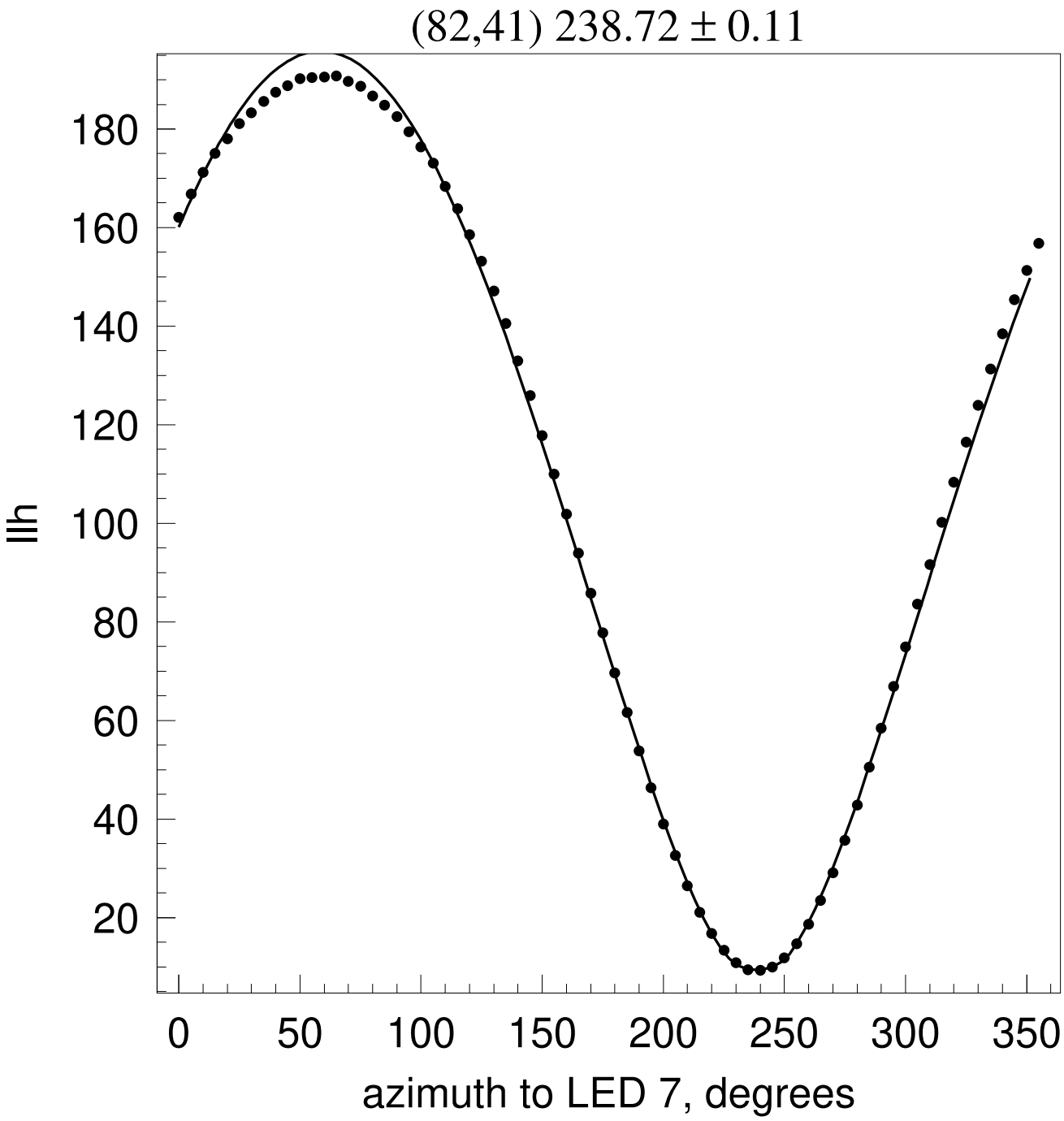

(82,36) 154.64 ± 0.17
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

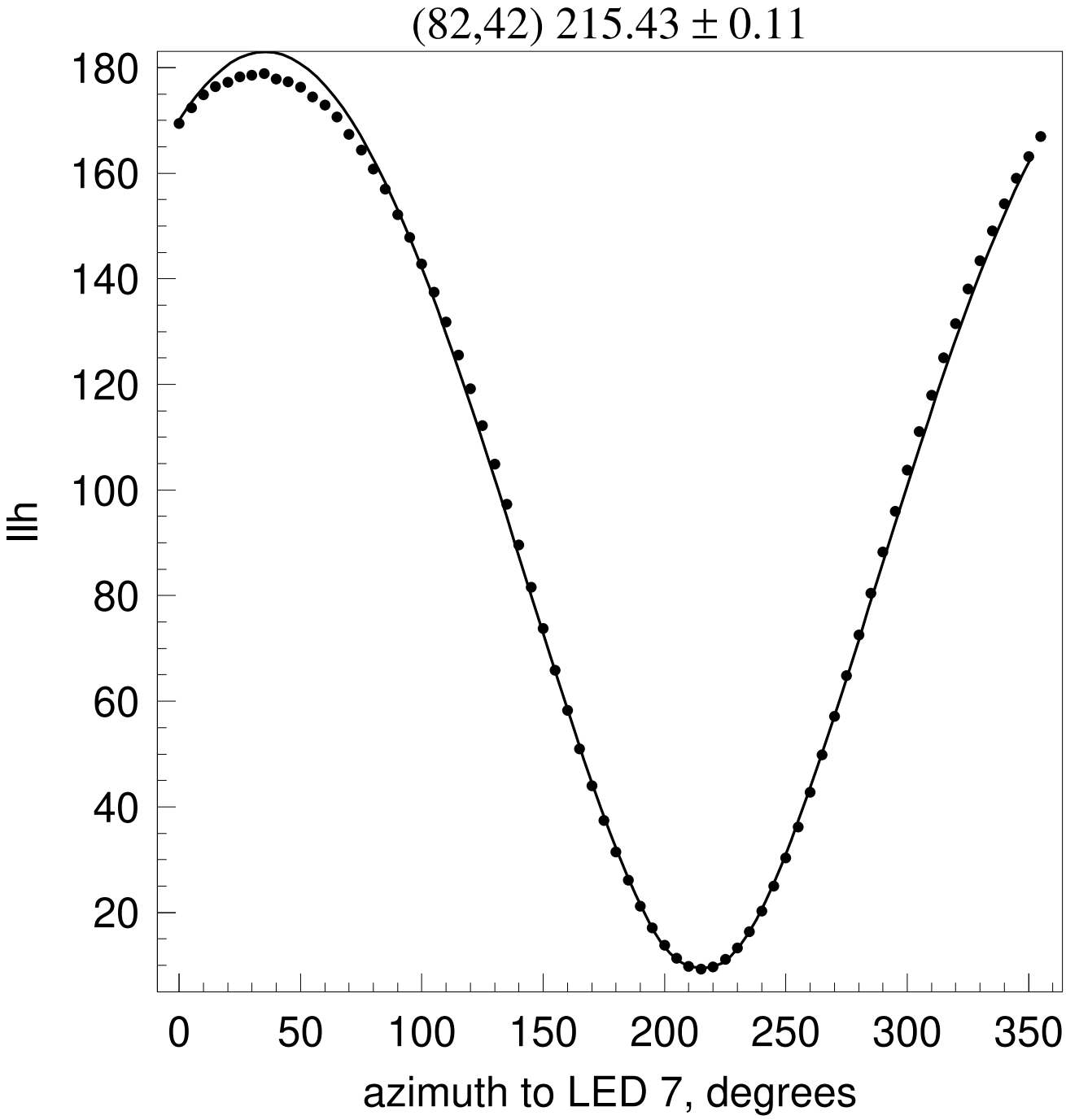

(82,37) 44.19 ± 0.18
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

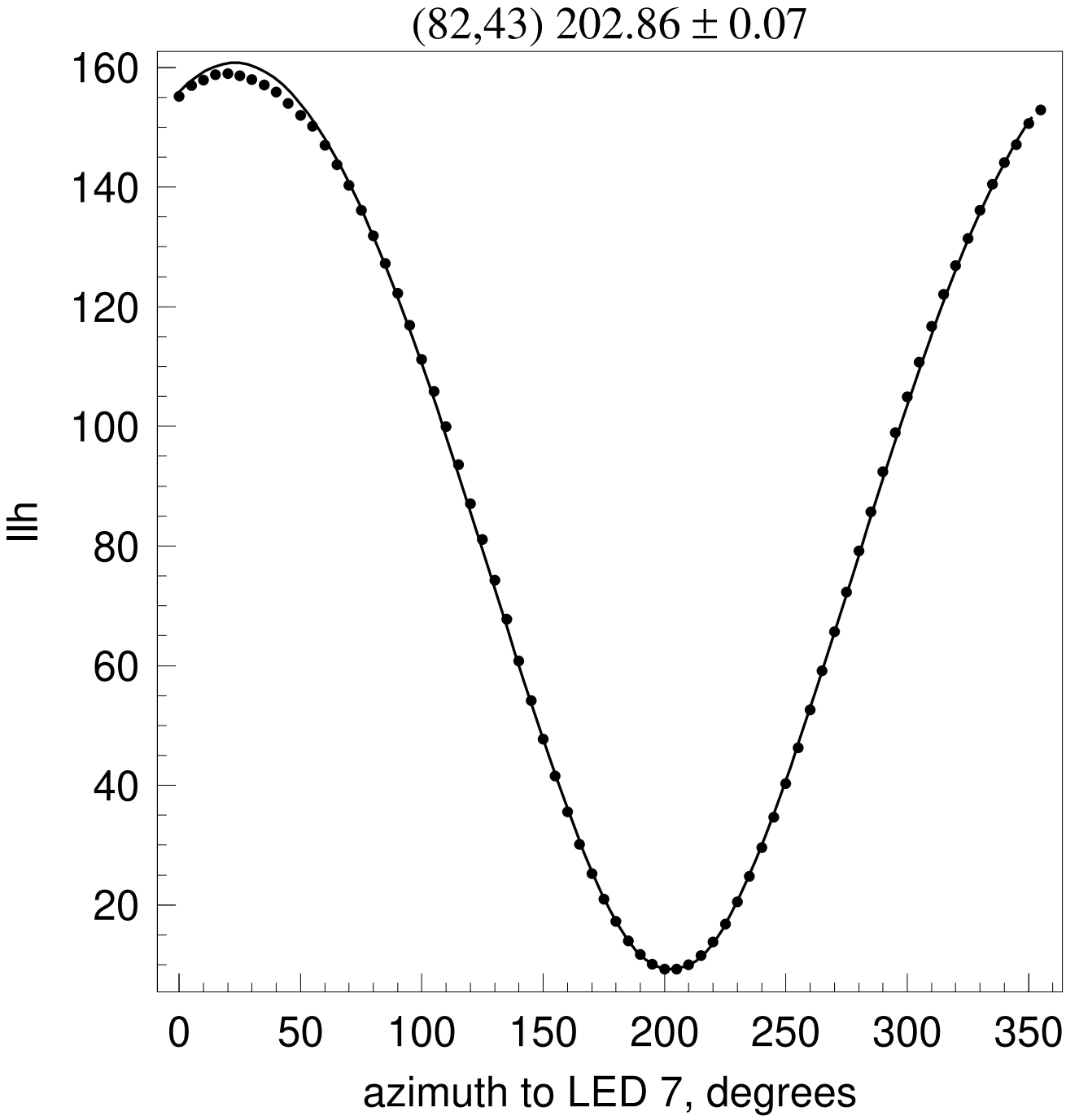

(82,38) 327.54 ± 0.11
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

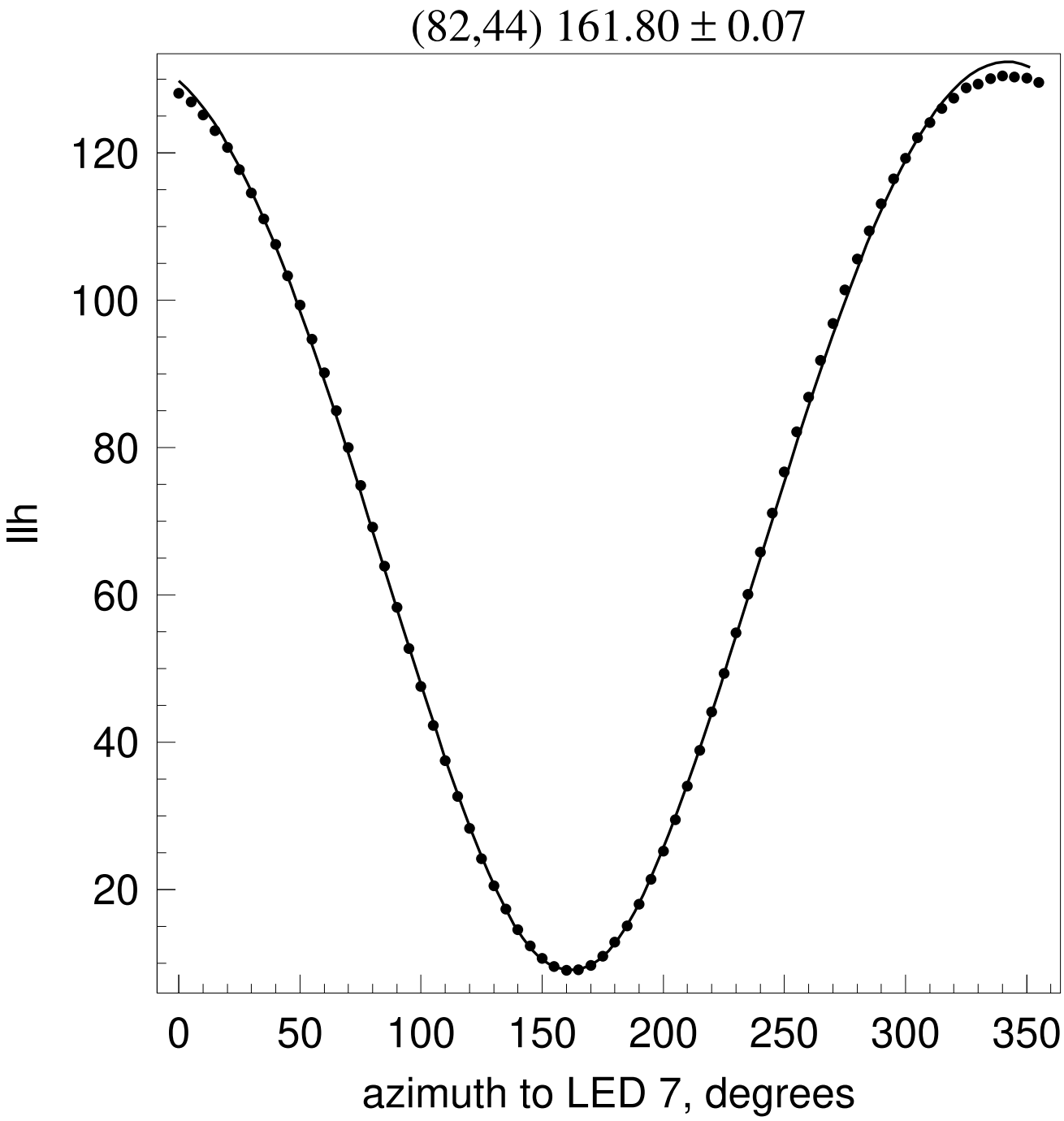

(82,39) 277.41 ± 0.14
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

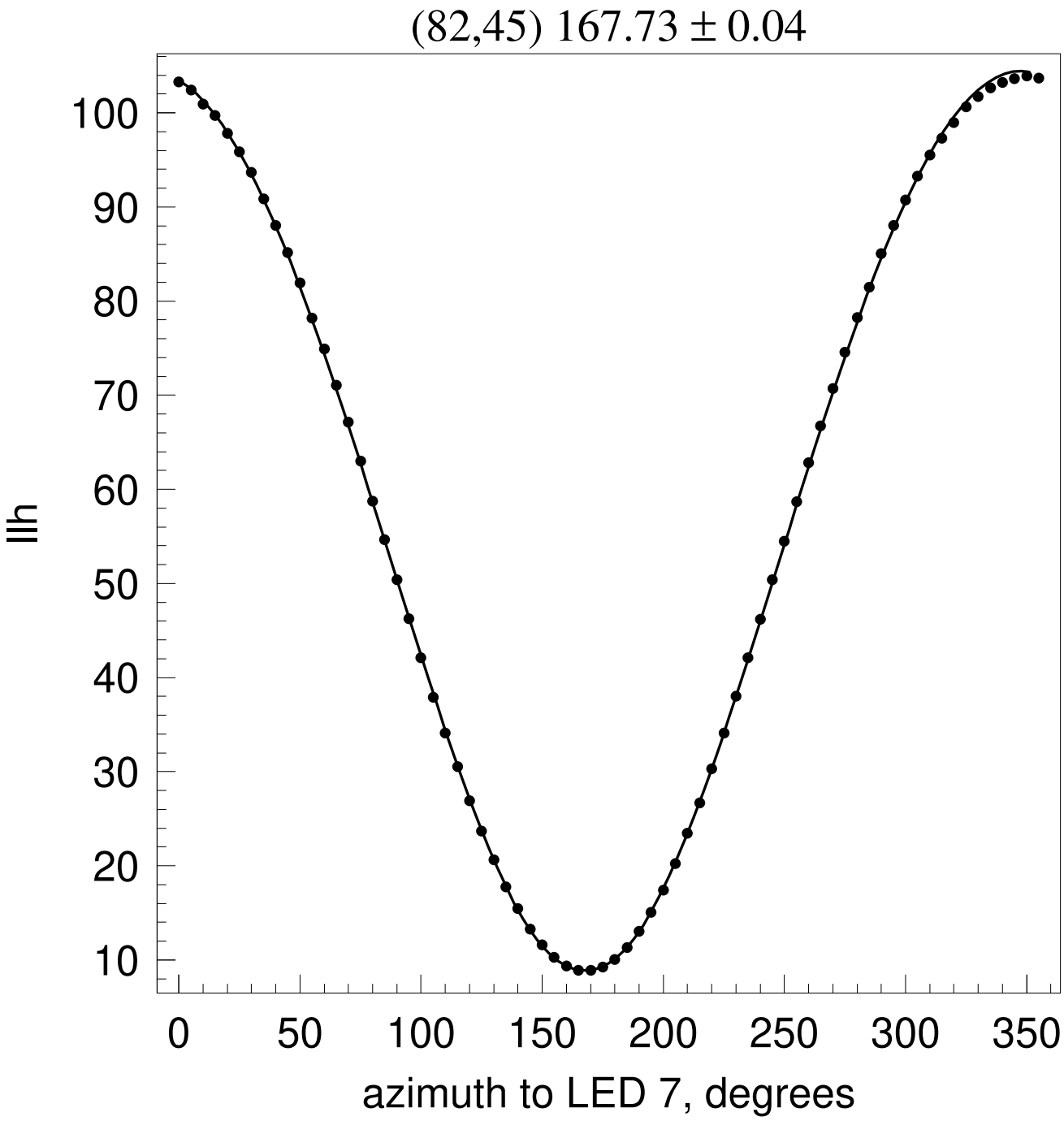

(82,40) 269.15 ± 0.15
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

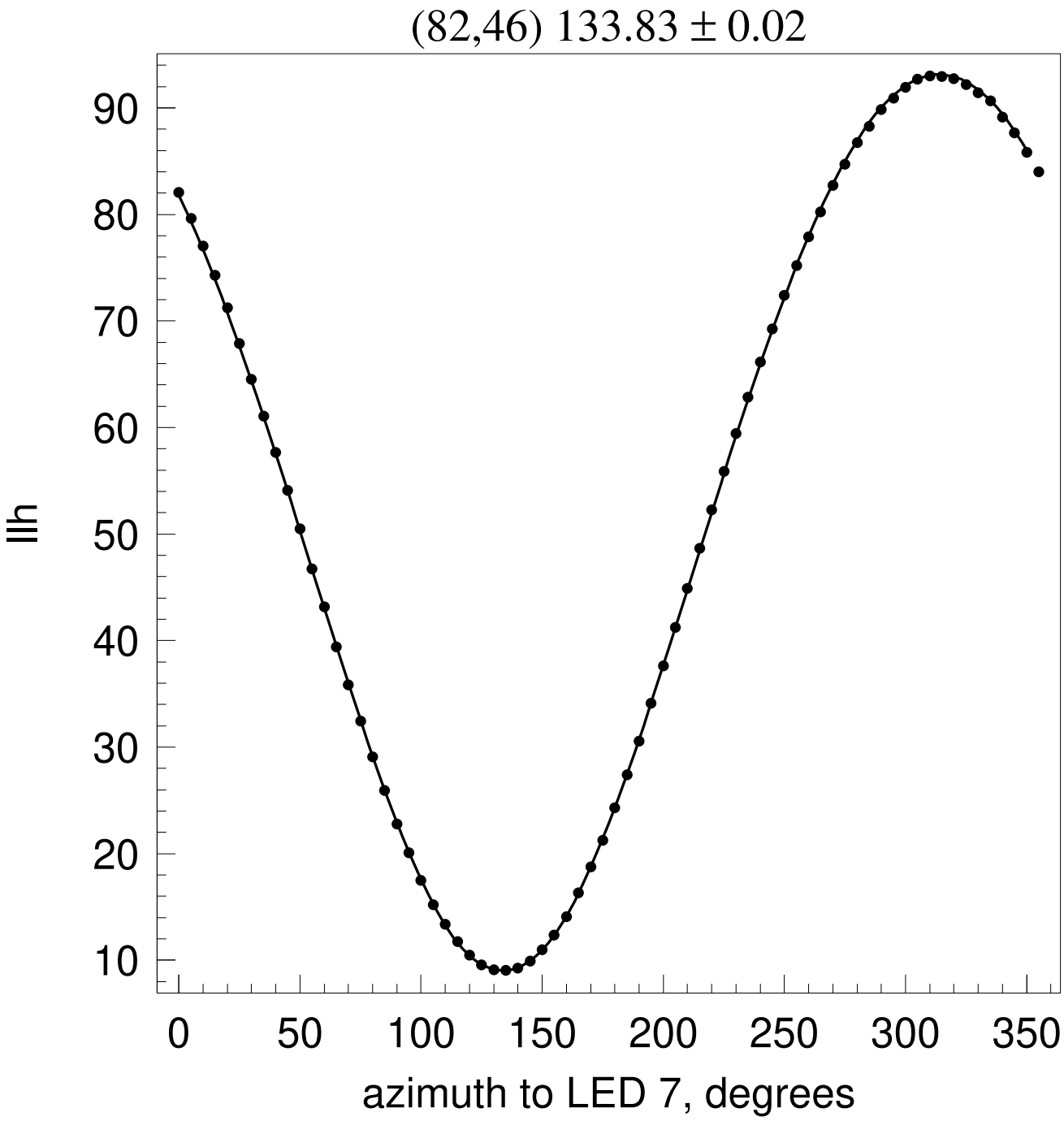

(82,41) 238.72 ± 0.11
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

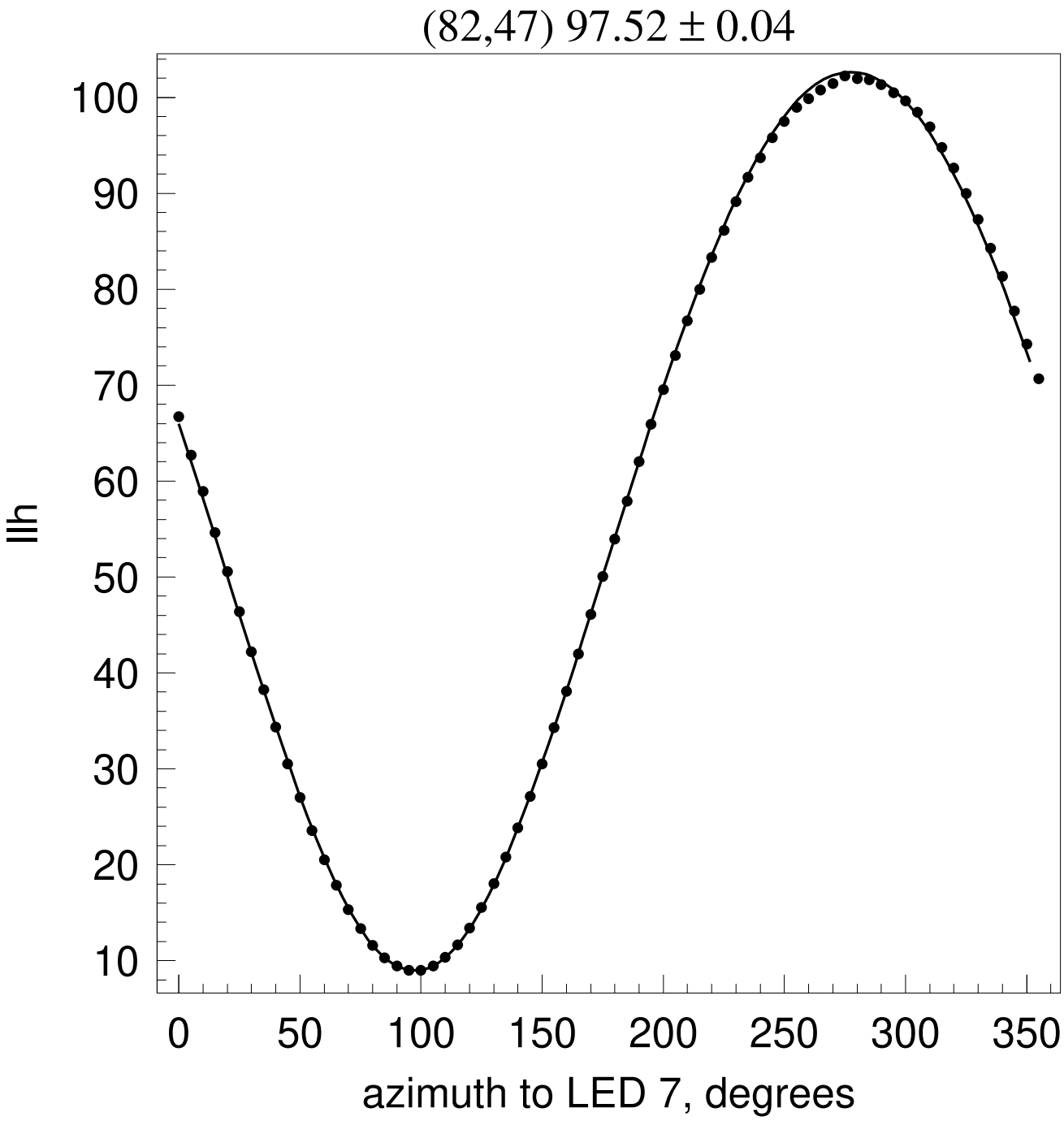

(82,42) 215.43 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

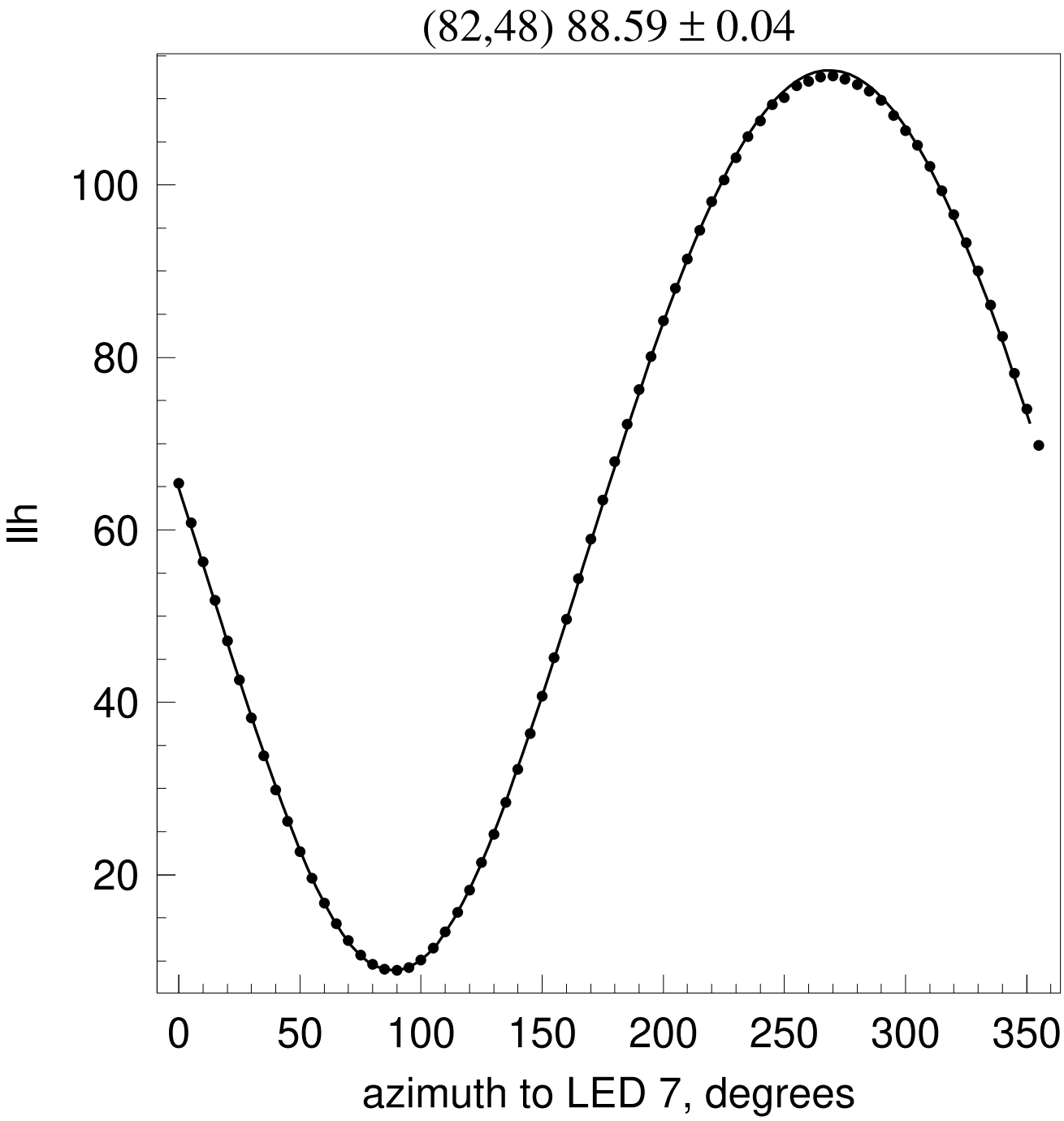

(82,43) 202.86 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

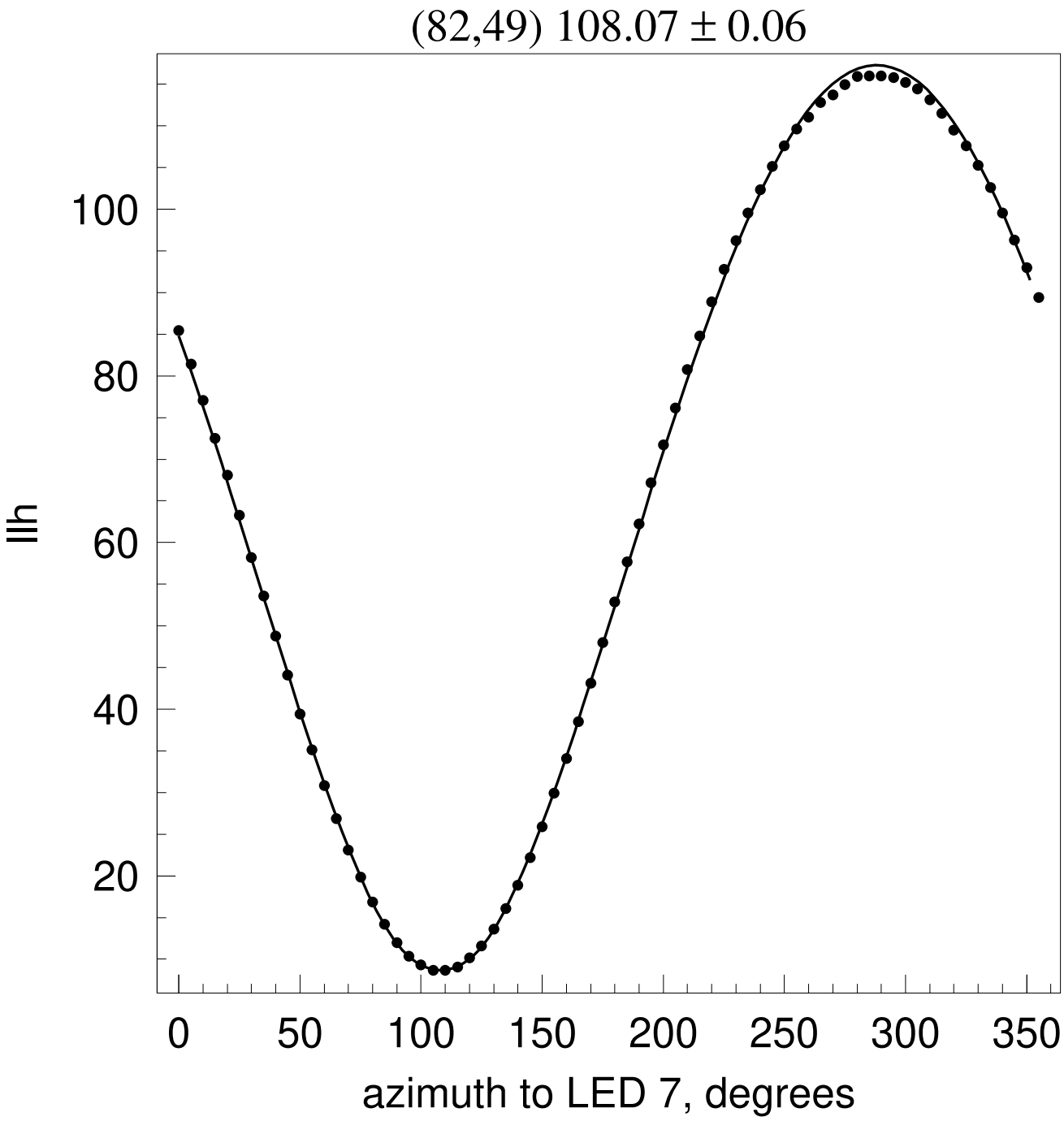

(82,44) 161.80 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

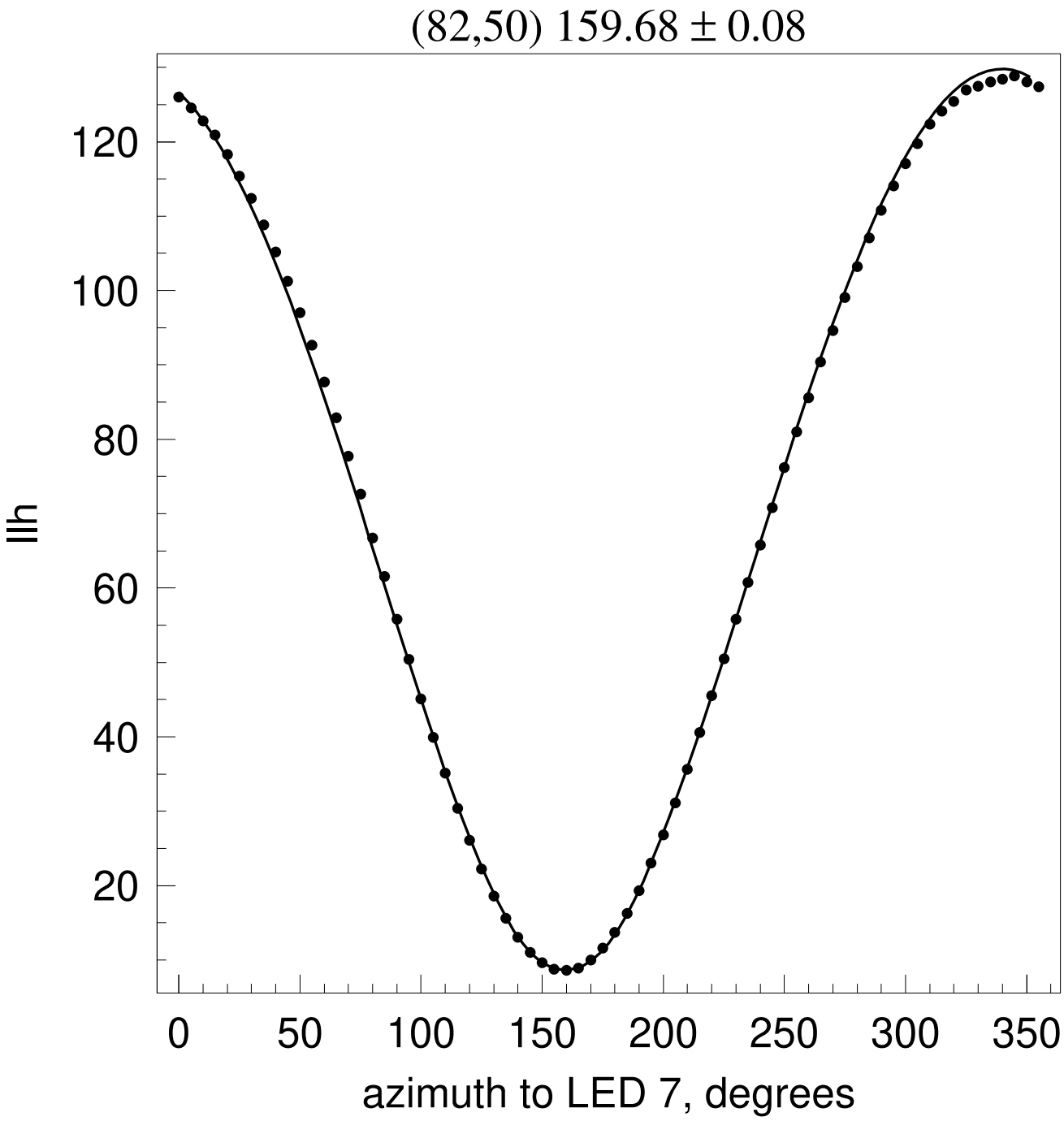

(82,45) 167.73 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

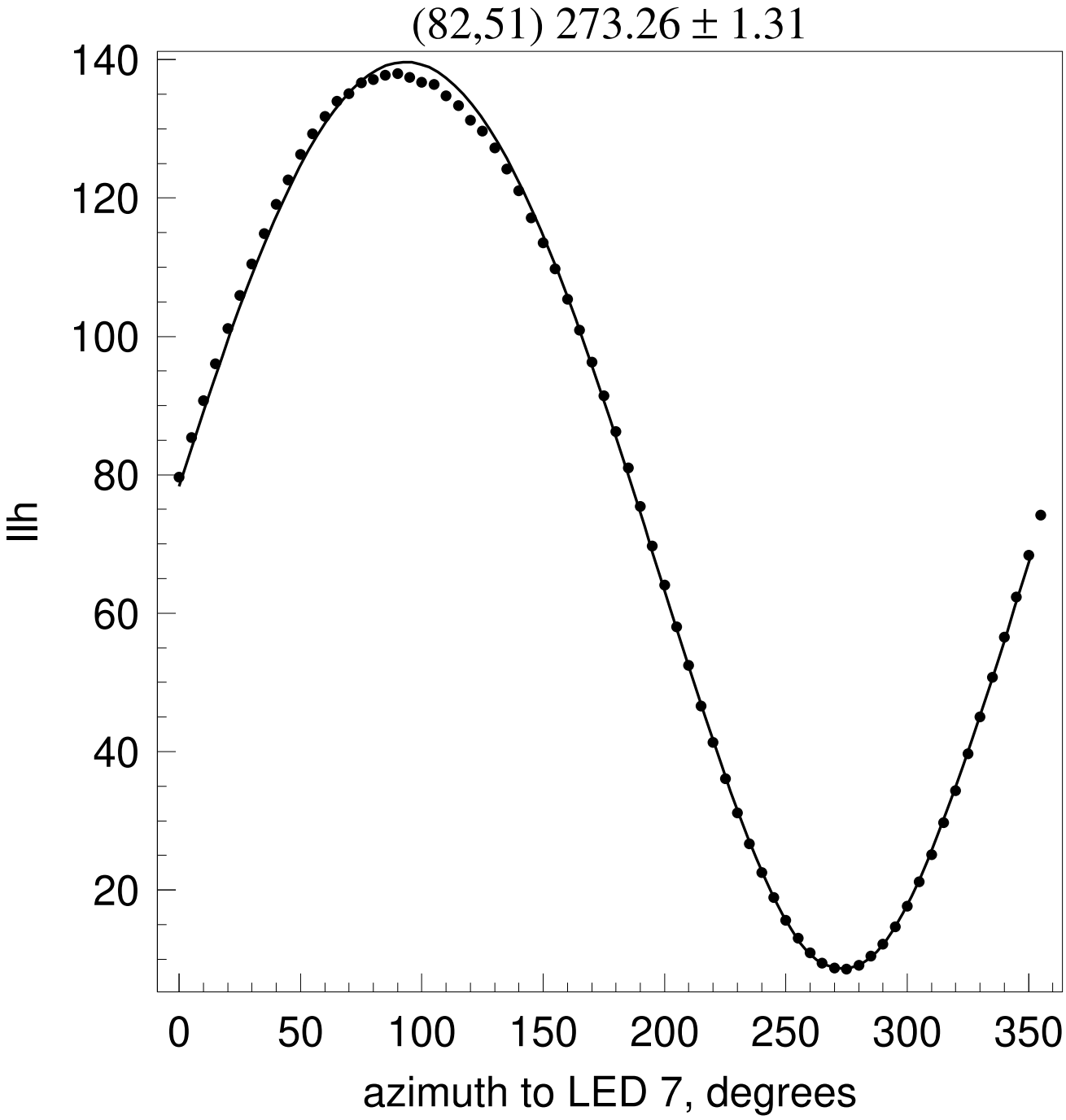

(82,46) 133.83 ± 0.02
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

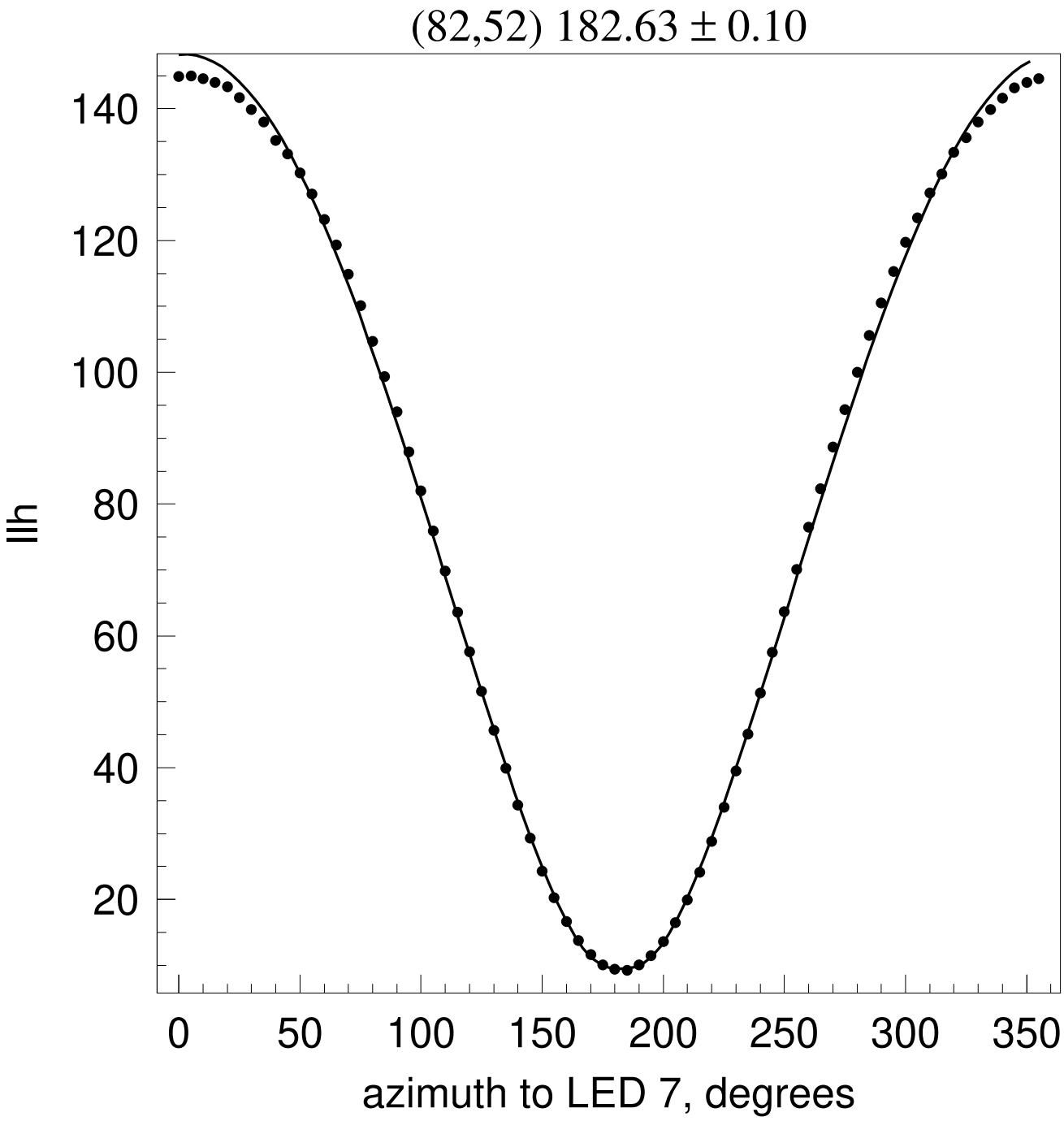

(82,47) 97.52 ± 0.04
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

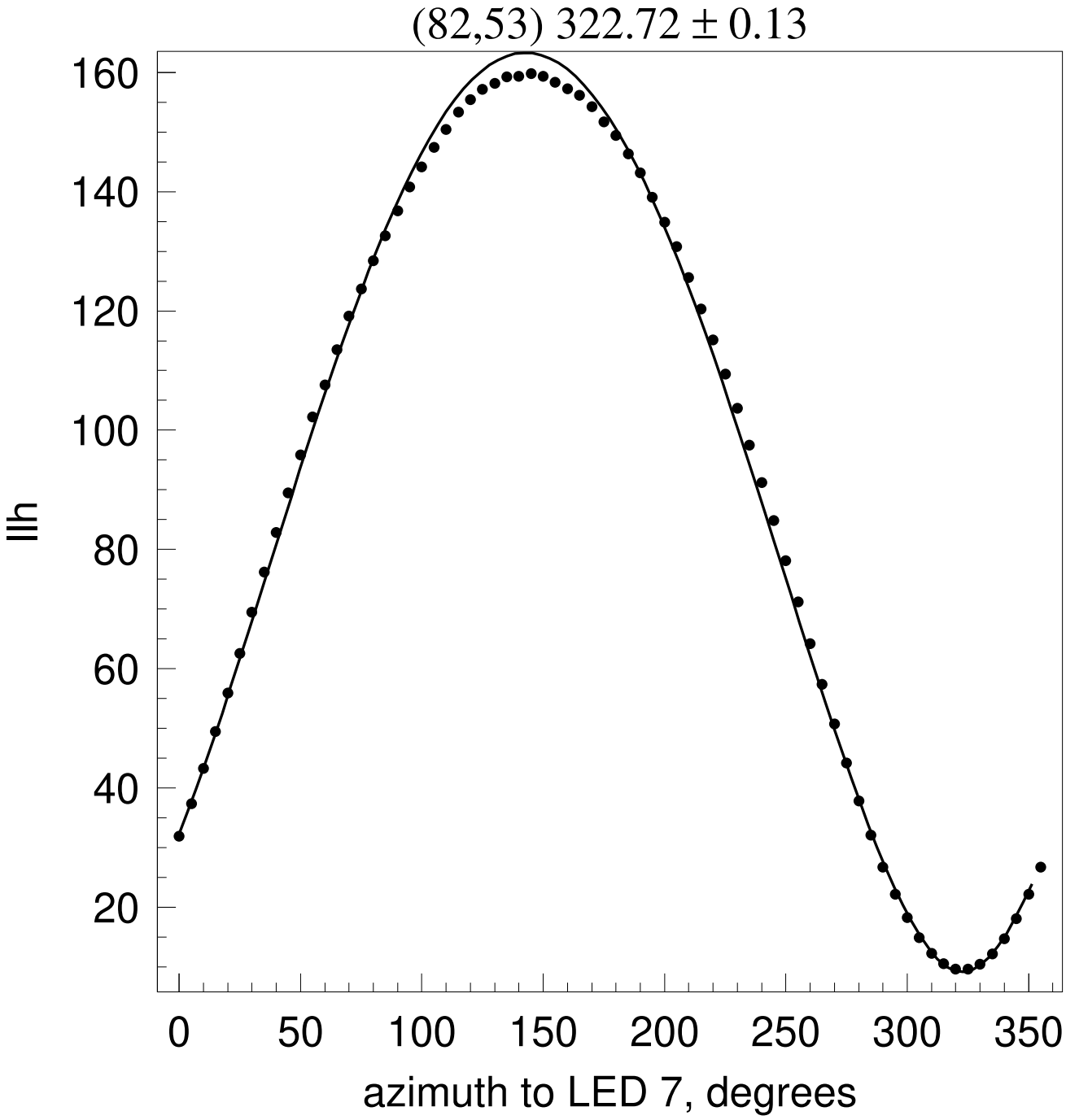

(82,48) 88.59 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

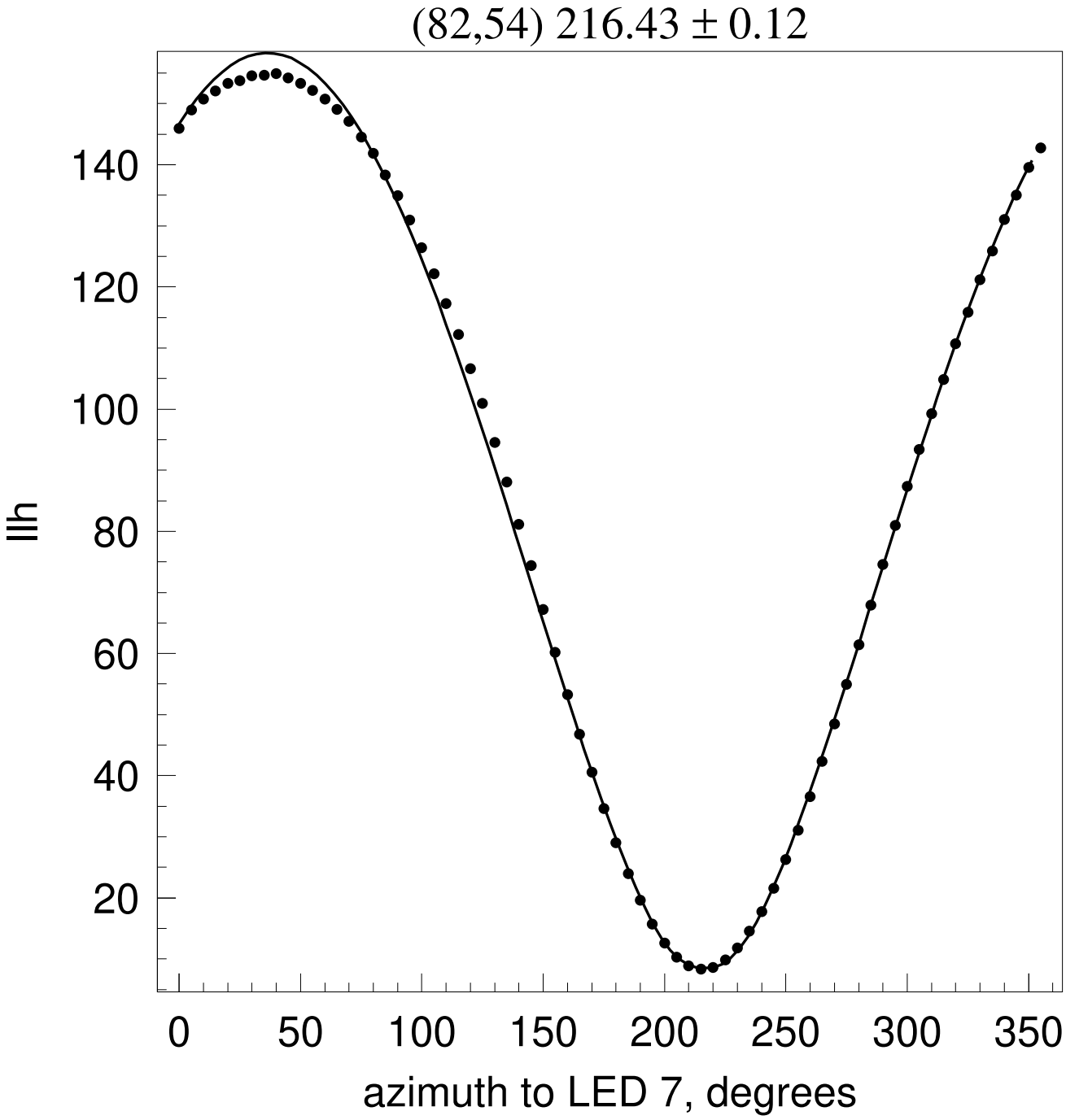

(82,49) 108.07 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

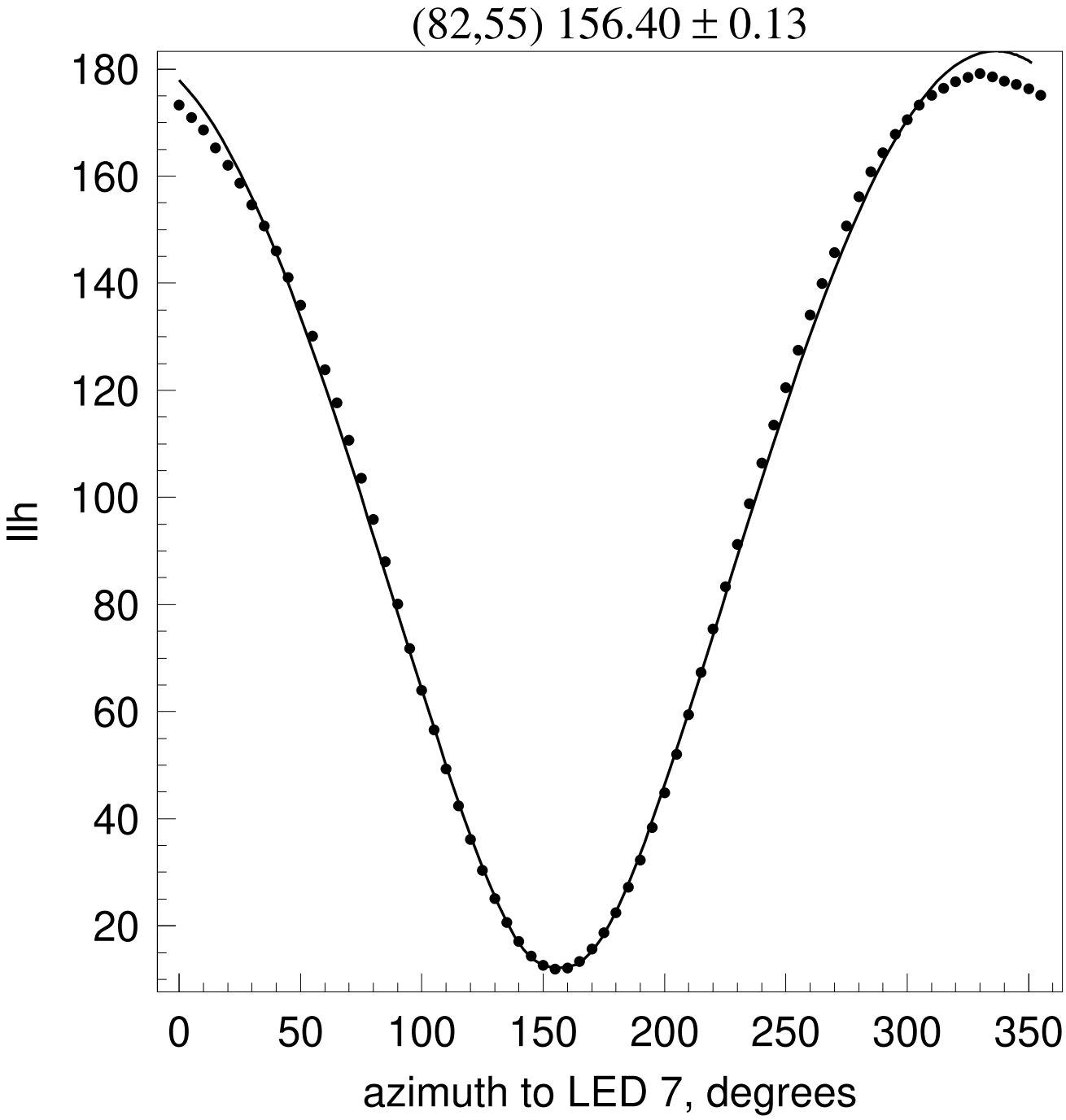

(82,50) 159.68 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

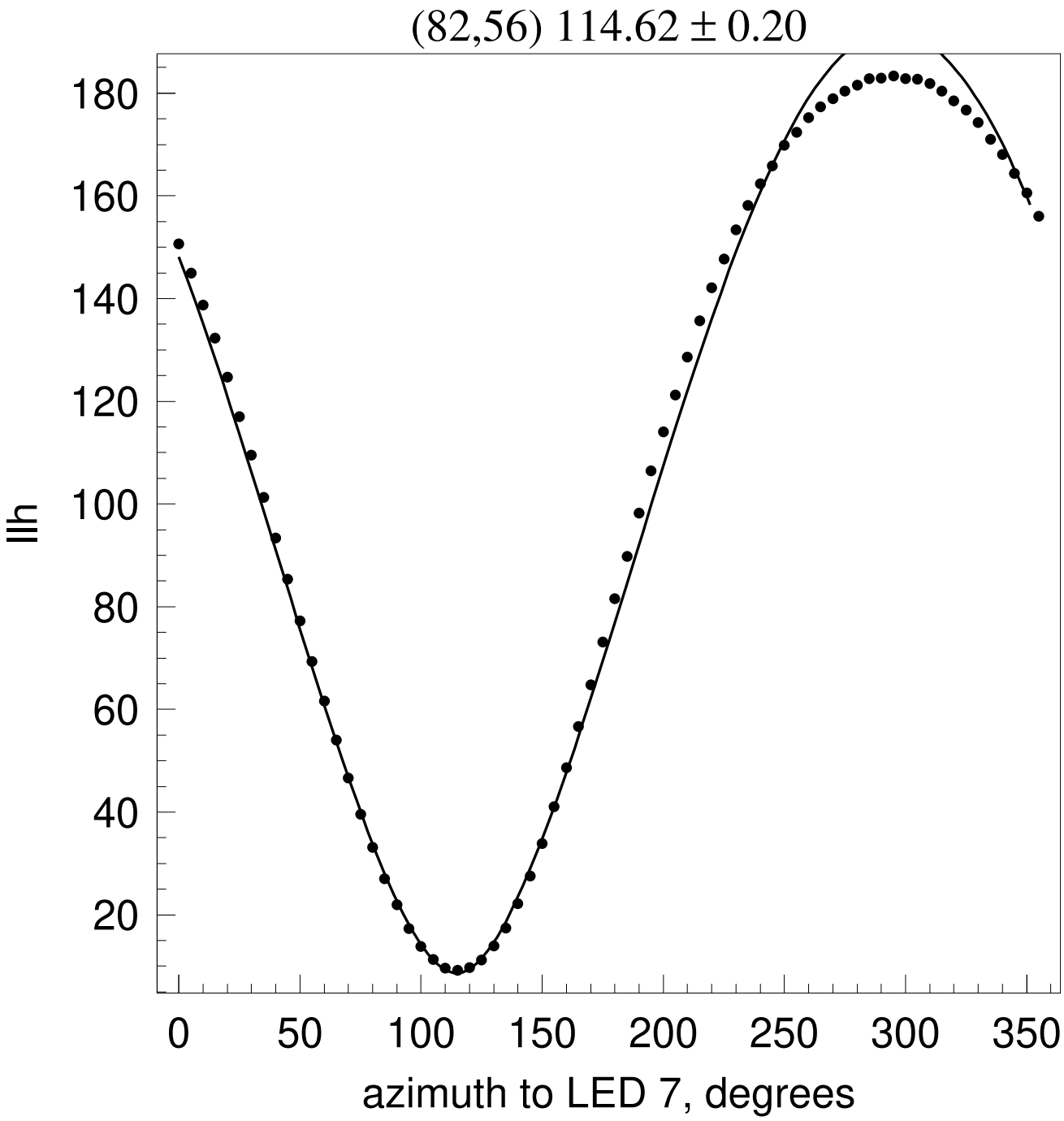

(82,51) 273.26 ± 1.31
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

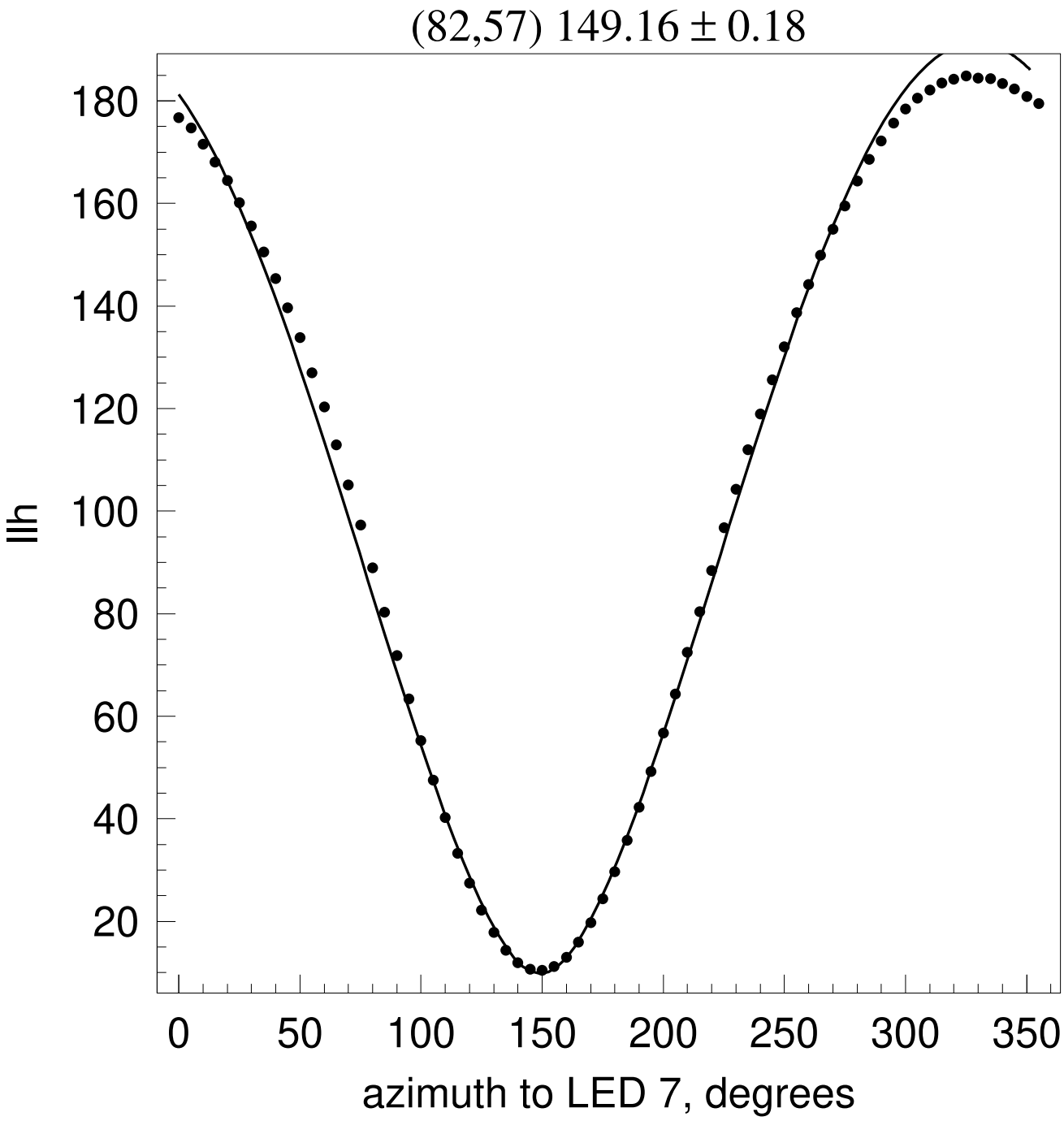

(82,52) 182.63 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

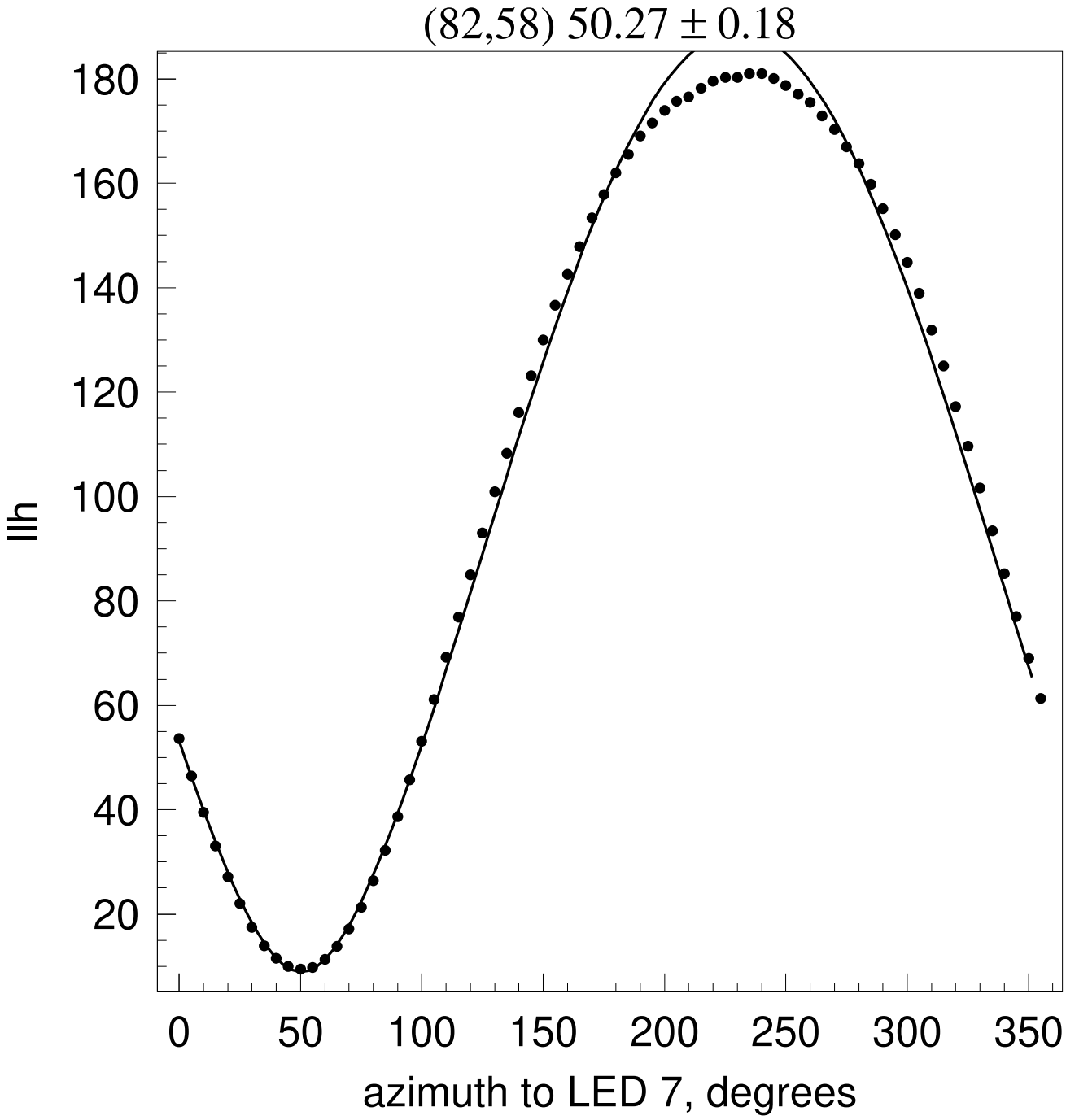

(82,53) 322.72 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

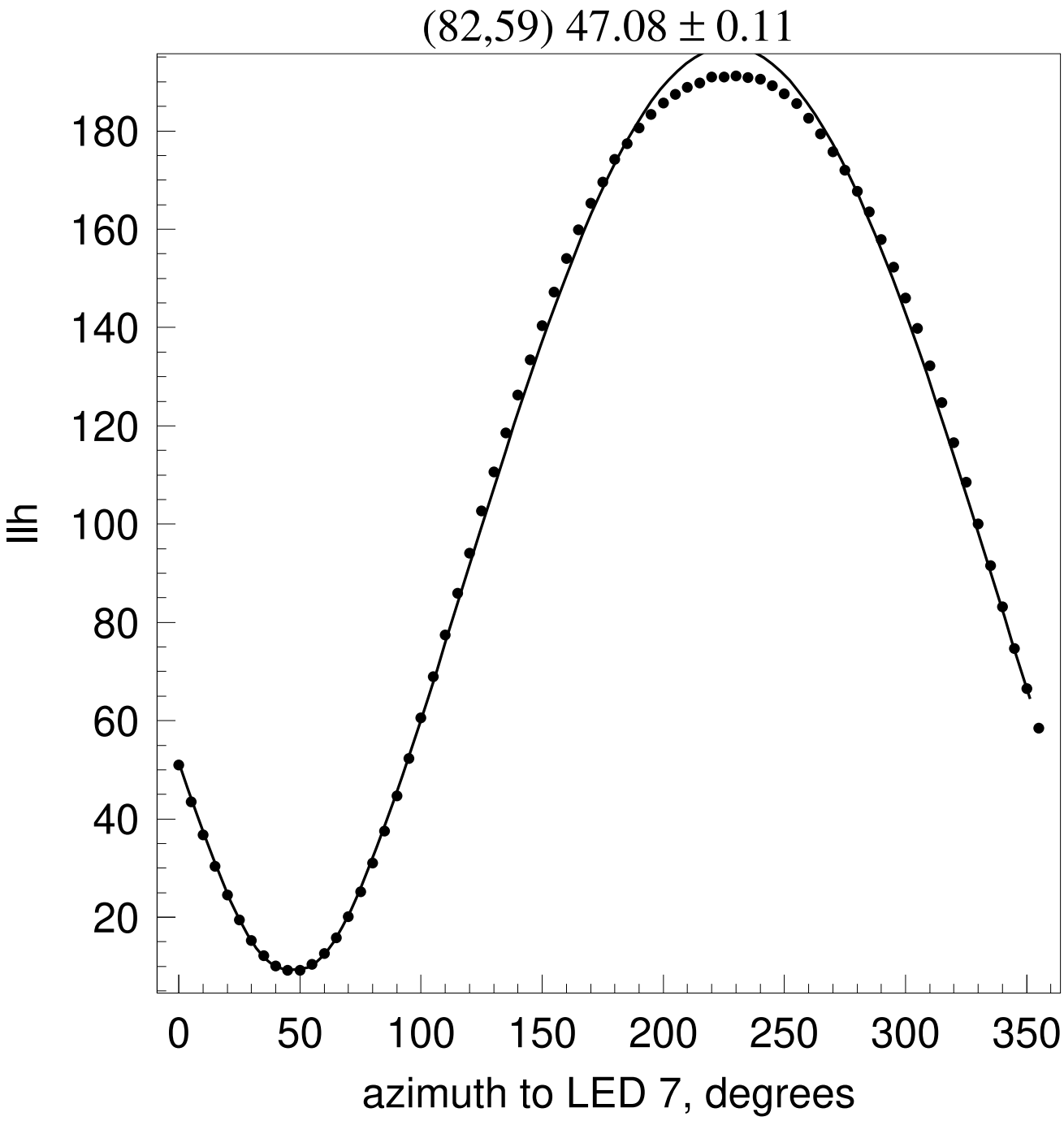

(82,54) 216.43 ± 0.12
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

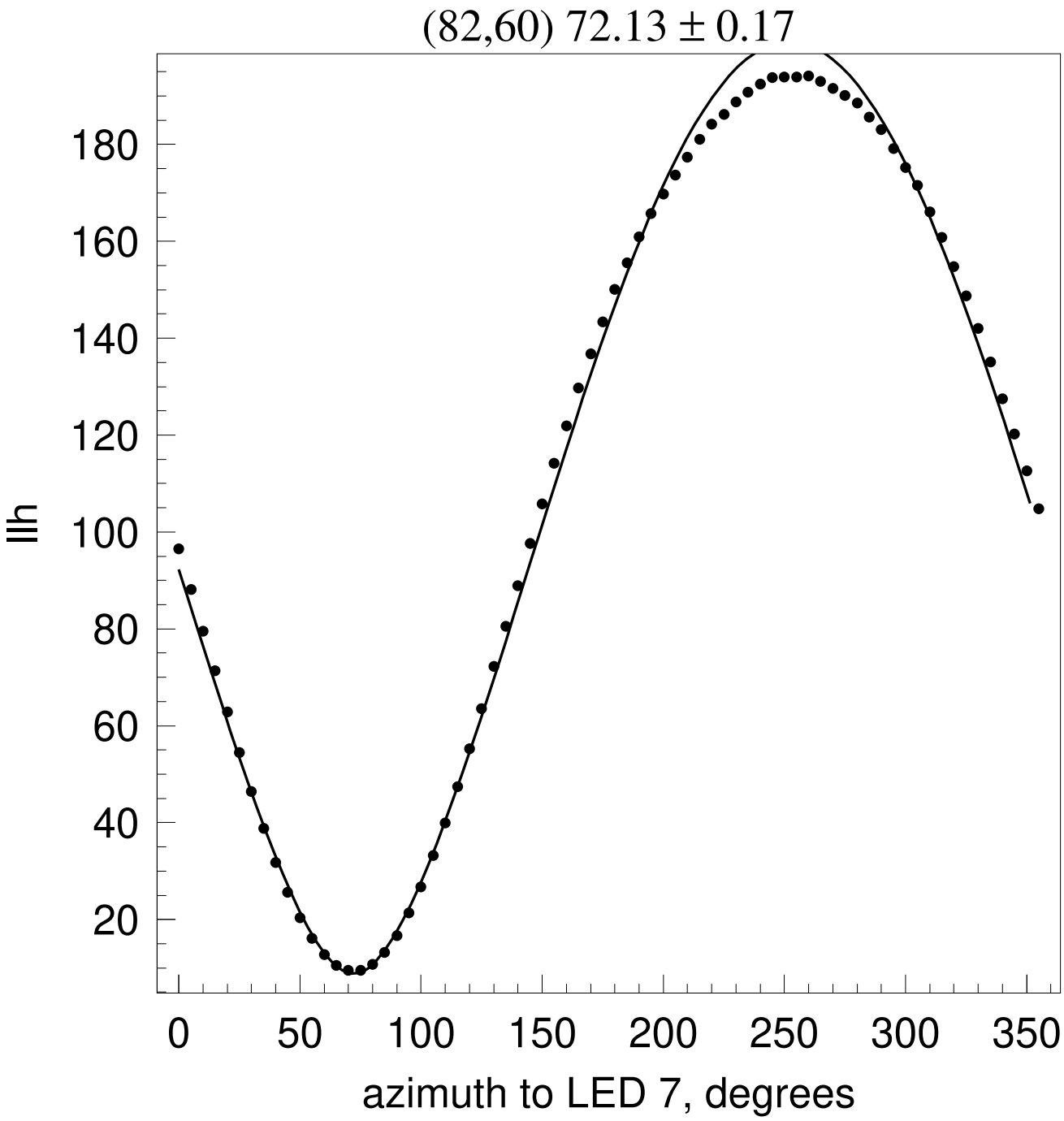

(82,55) 156.40 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

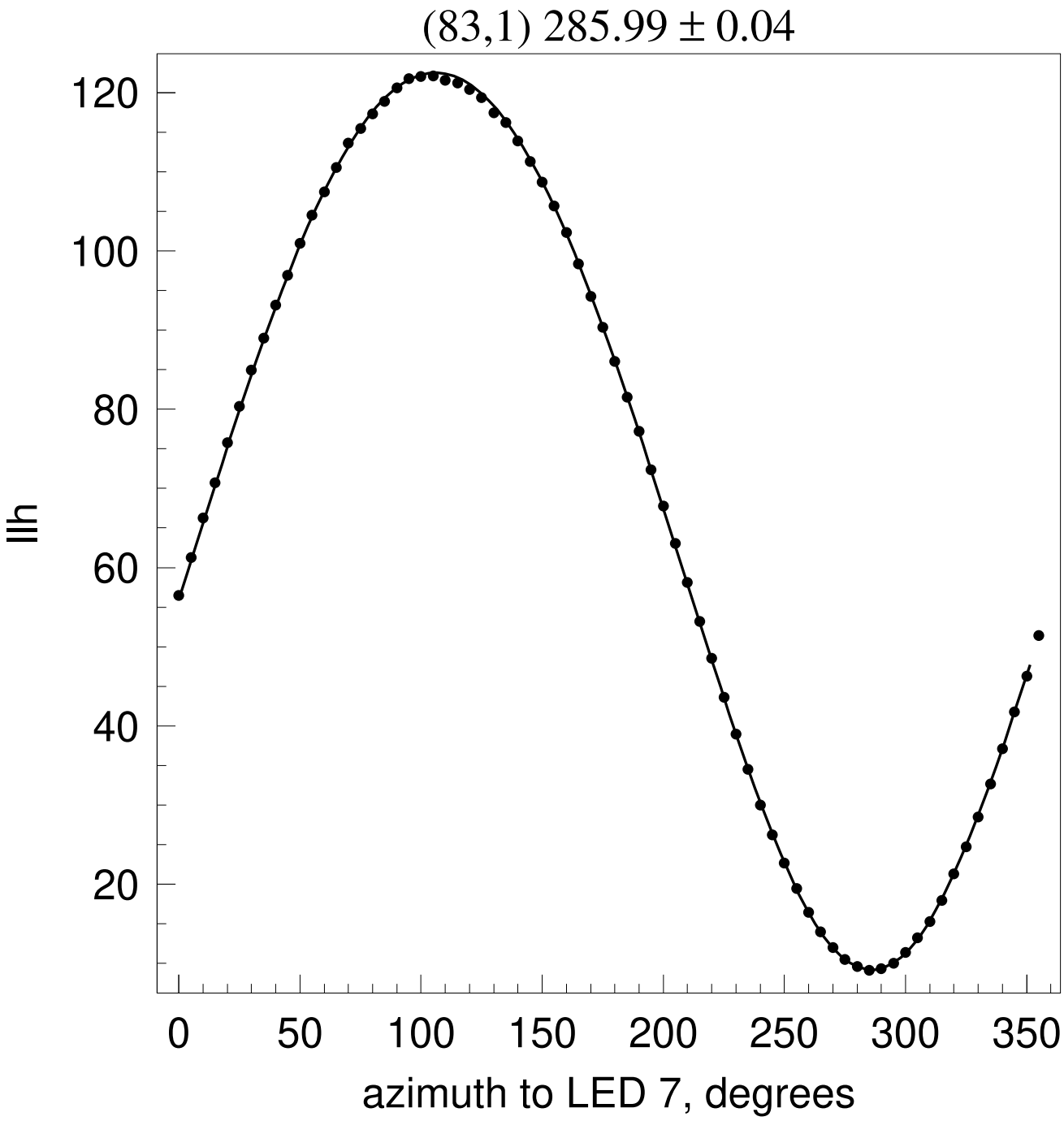

(82,56) 114.62 ± 0.20
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

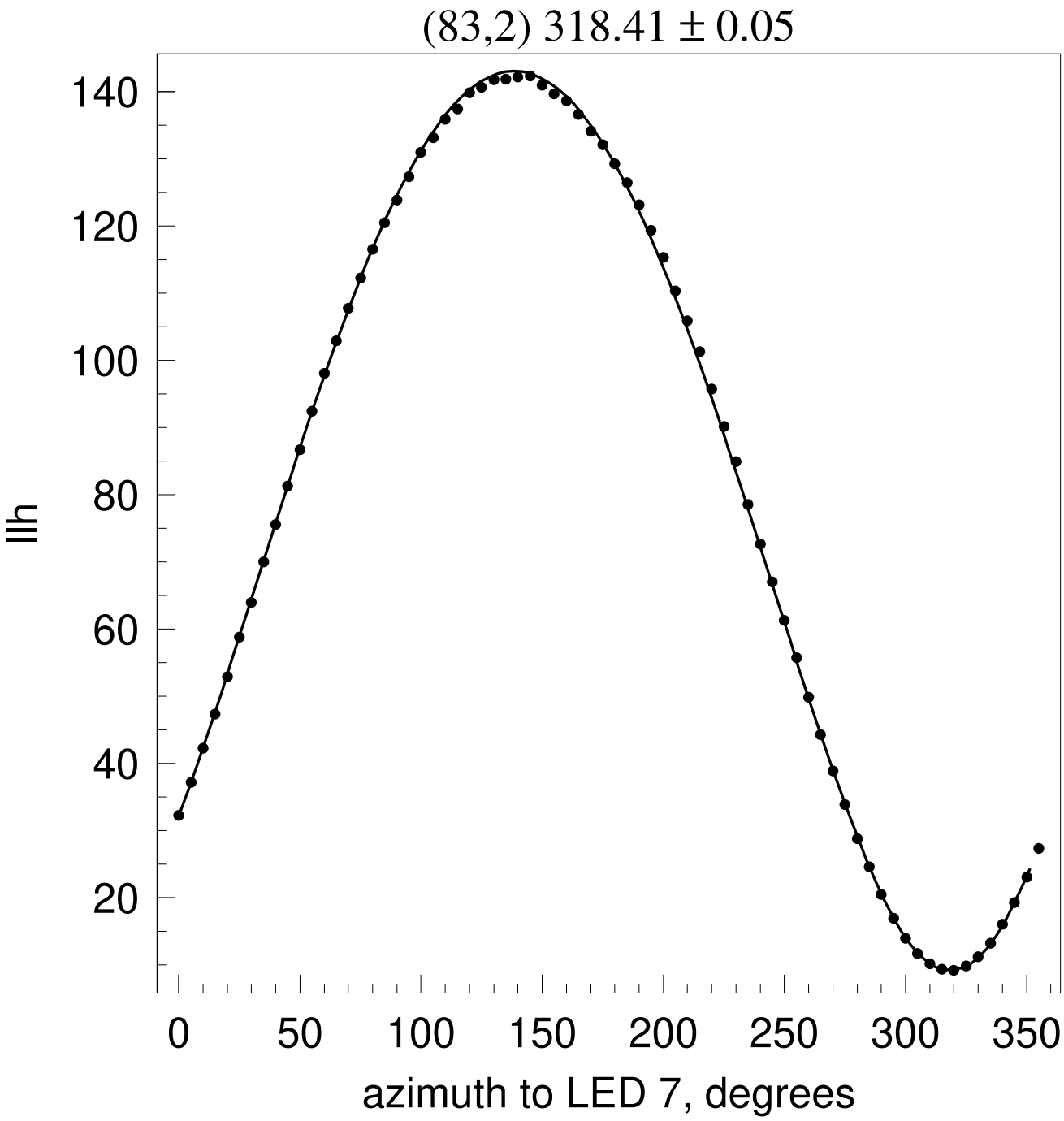

(82,57) 149.16 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

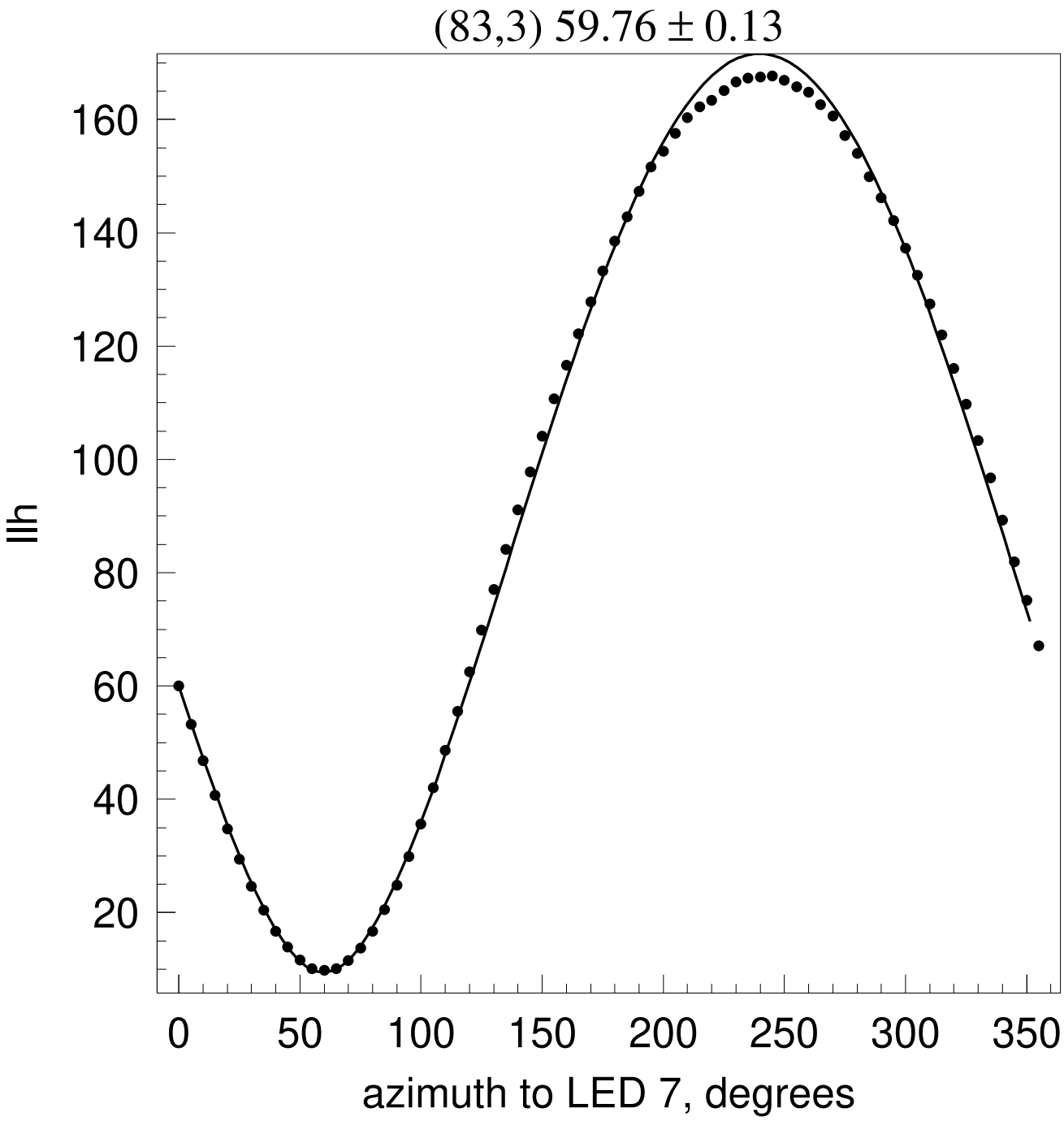

(82,58) 50.27 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

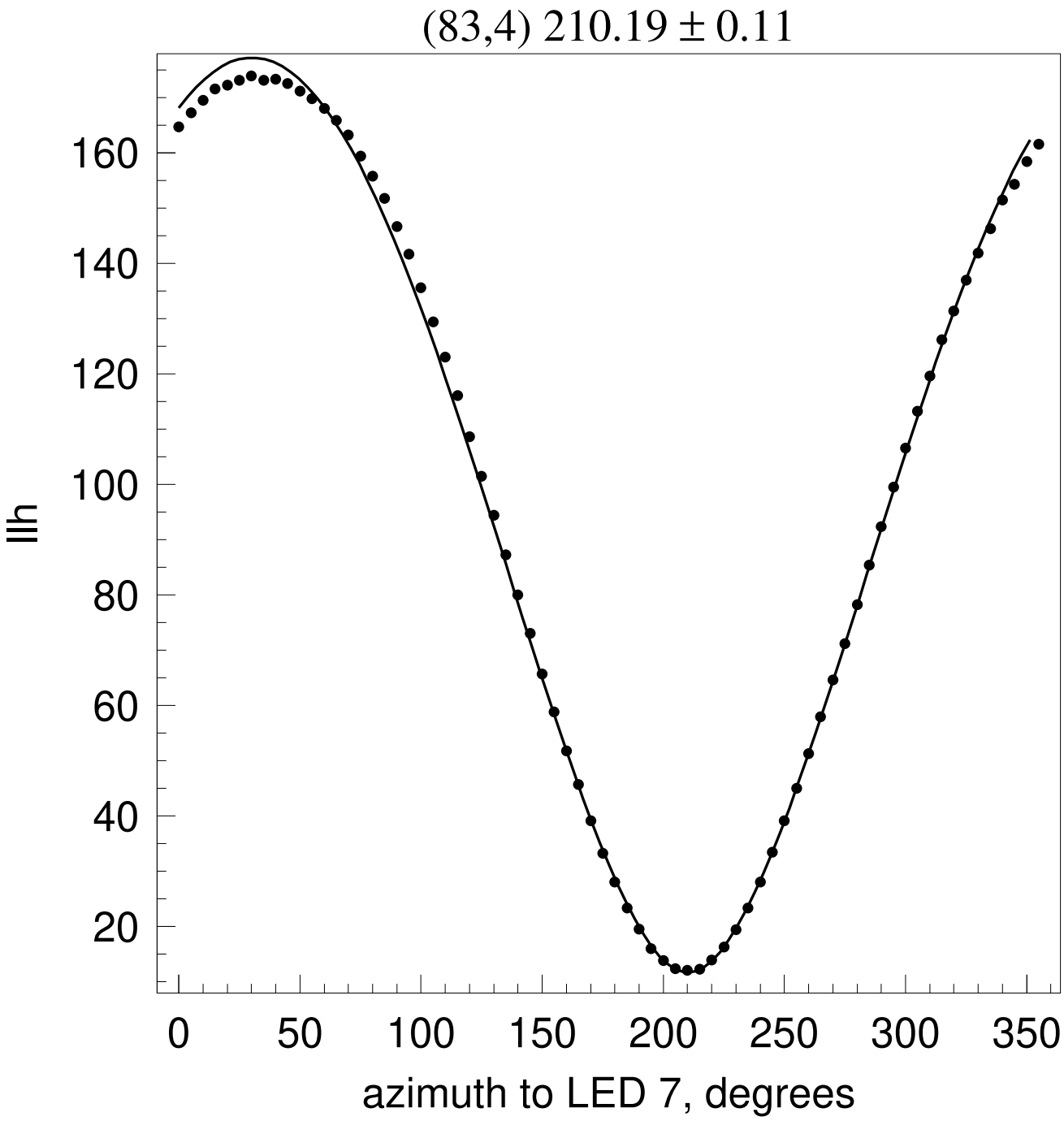

(82,59) 47.08 ± 0.11
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

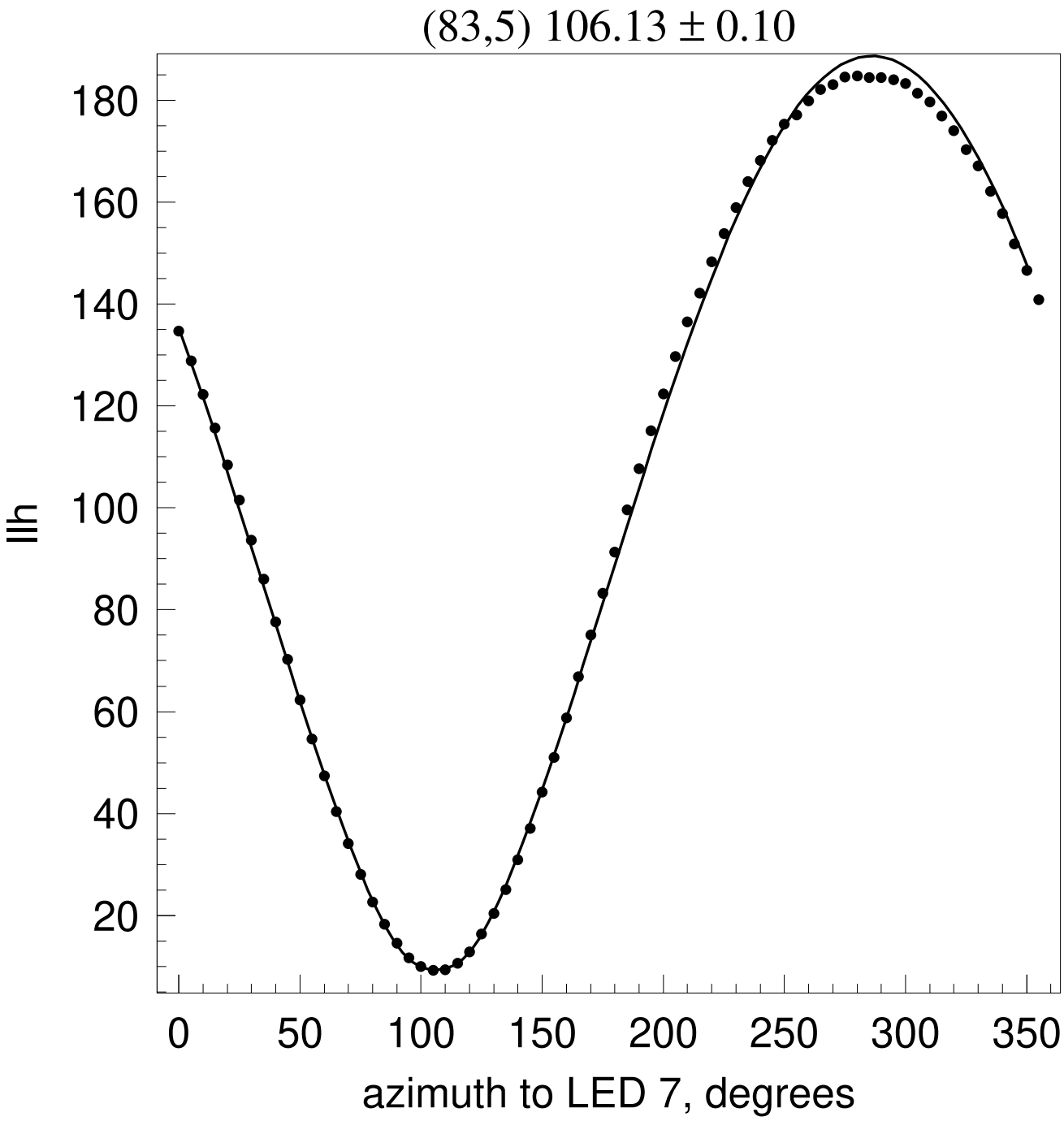

(82,60) 72.13 ± 0.17
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

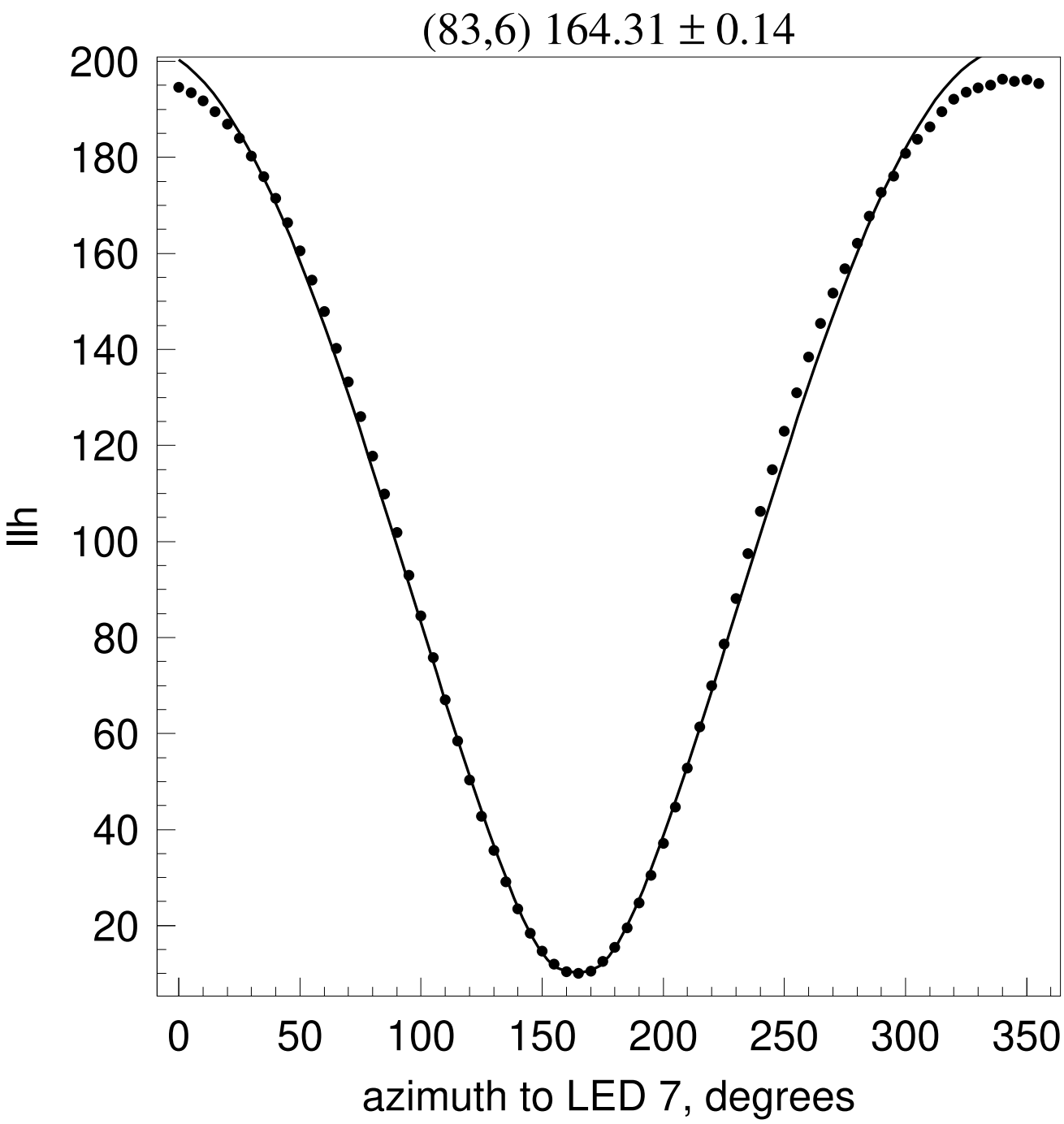

(83,1) 285.99 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

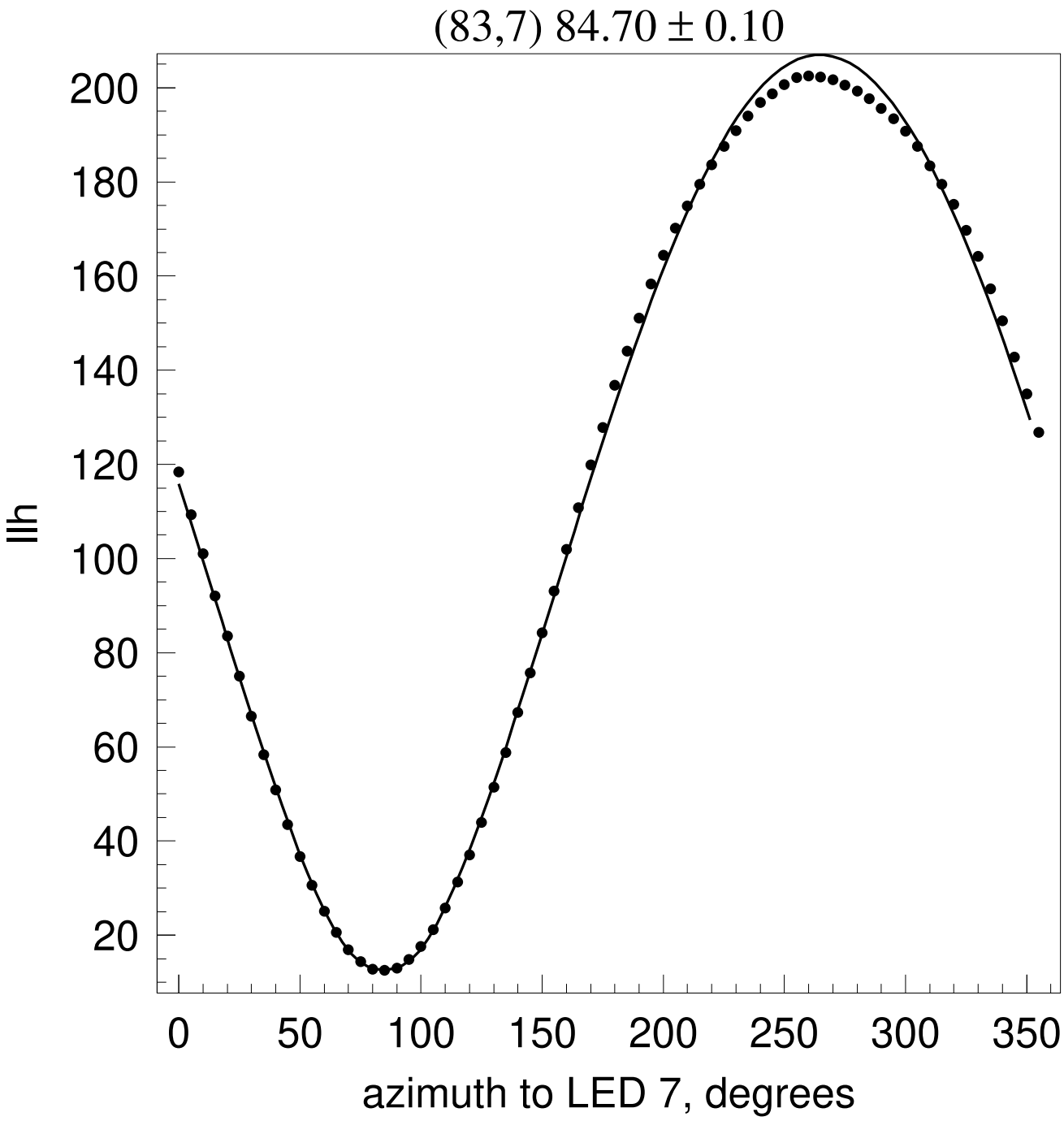

(83,2) 318.41 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

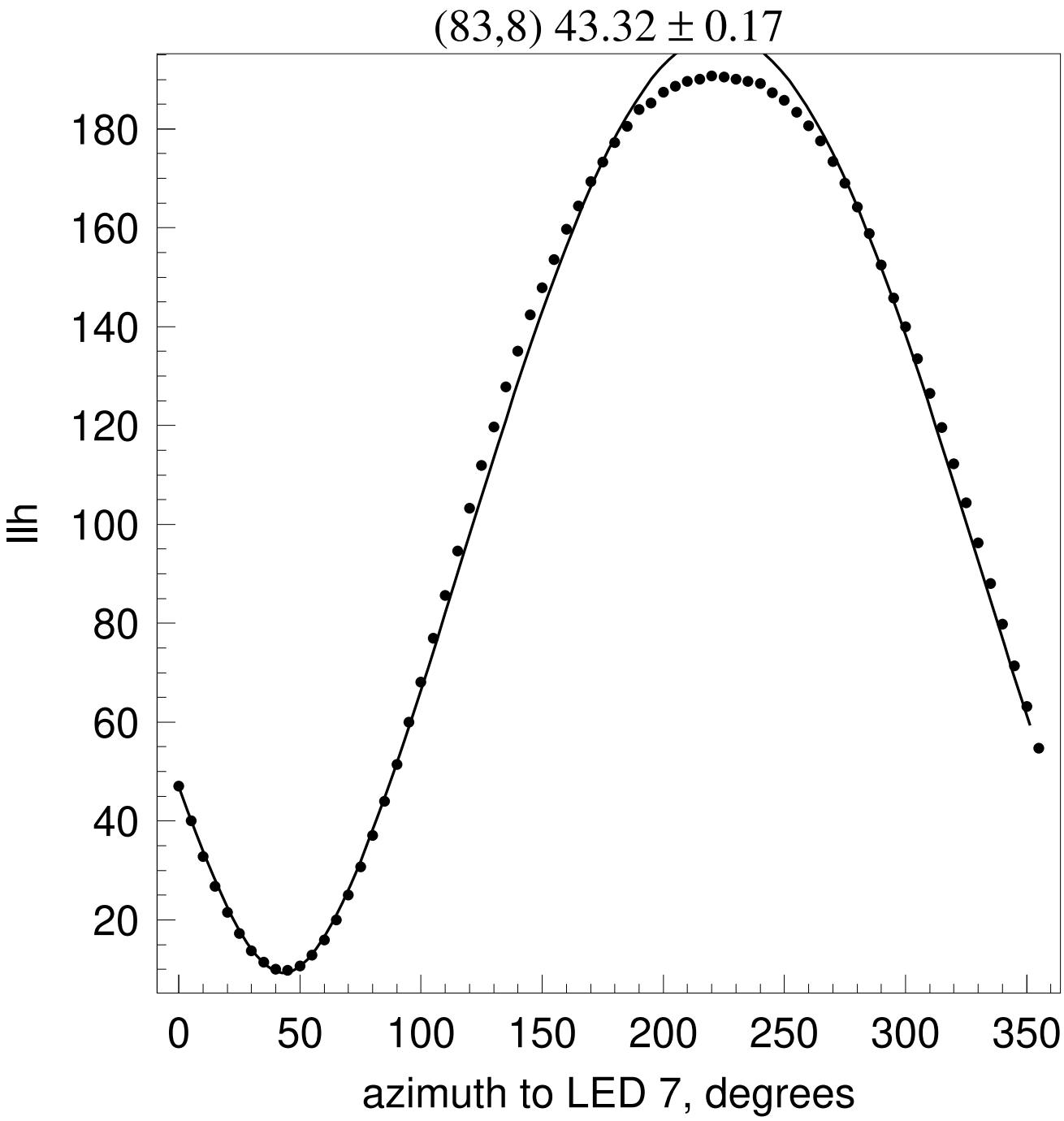

(83,3) 59.76 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

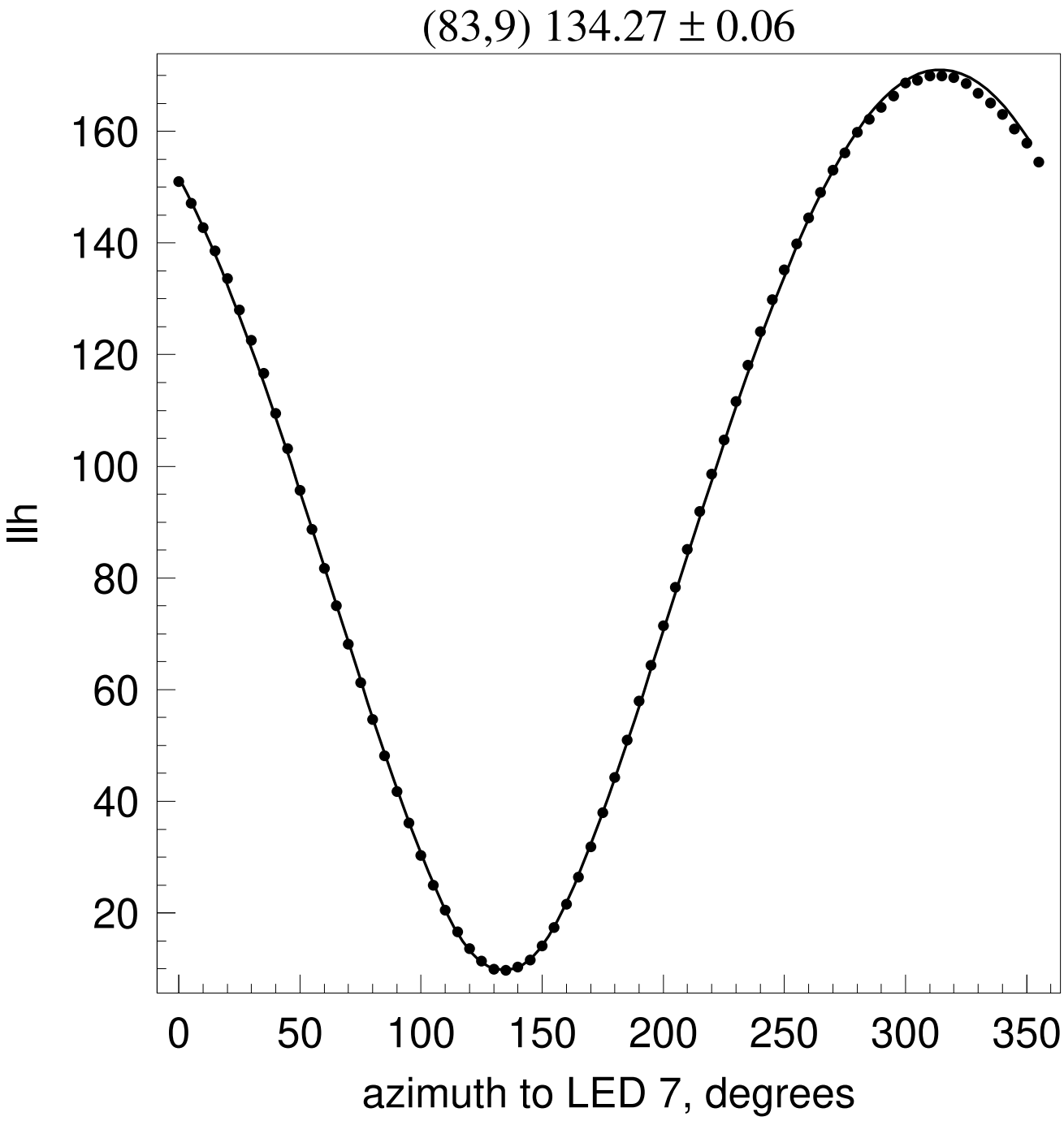

(83,4) 210.19 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

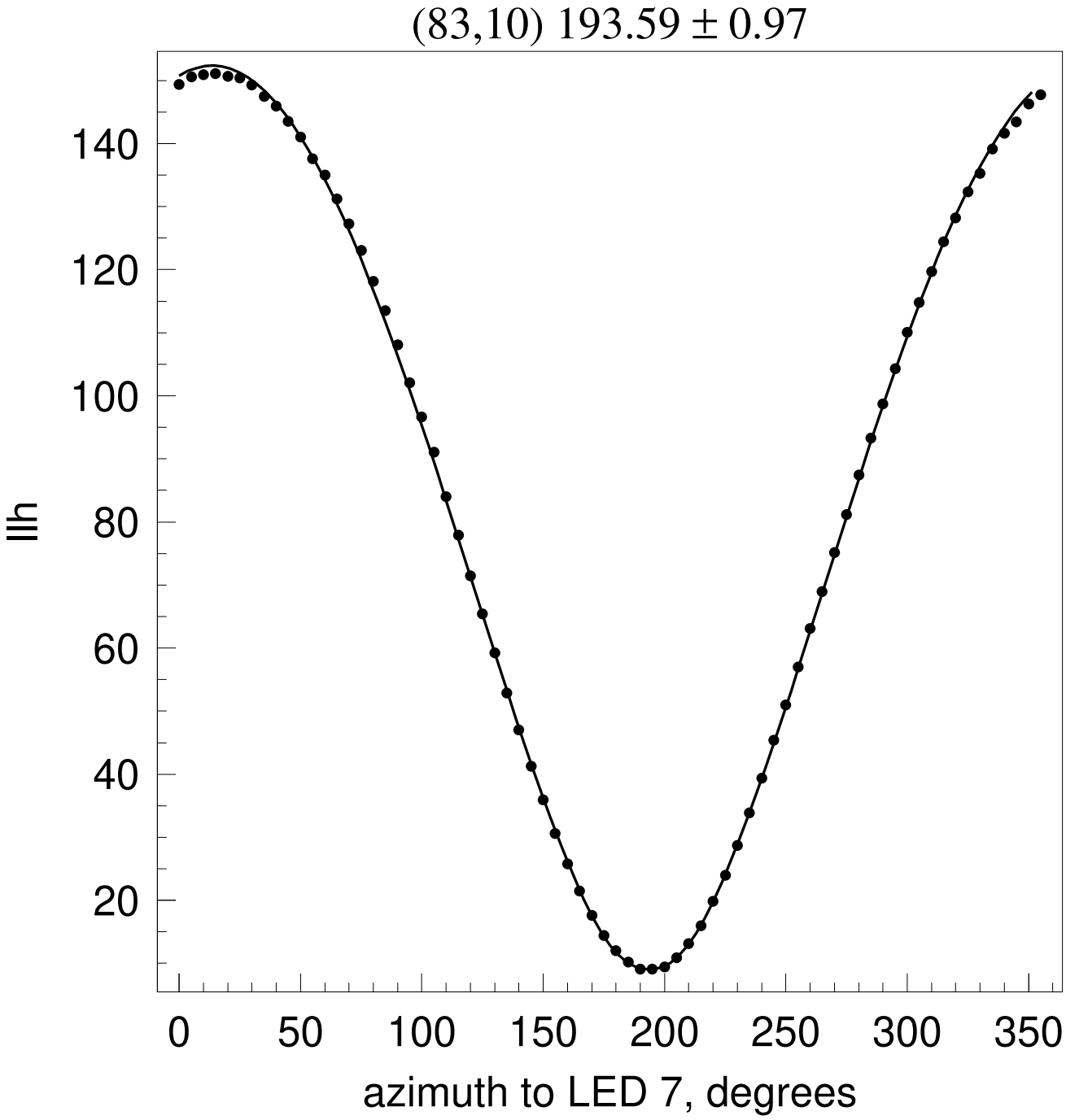

(83,5) 106.13 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

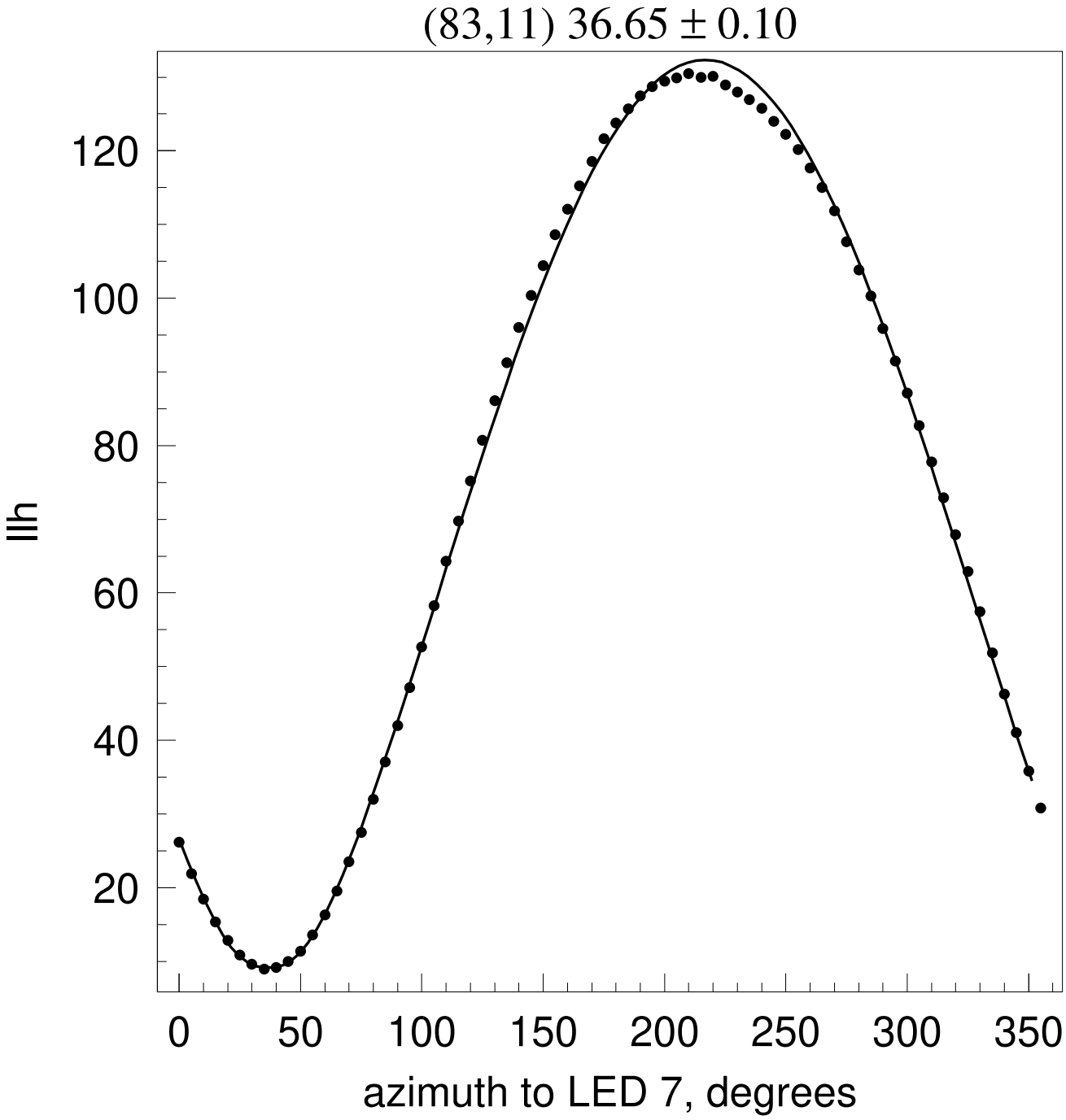

(83,6) 164.31 ± 0.14
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

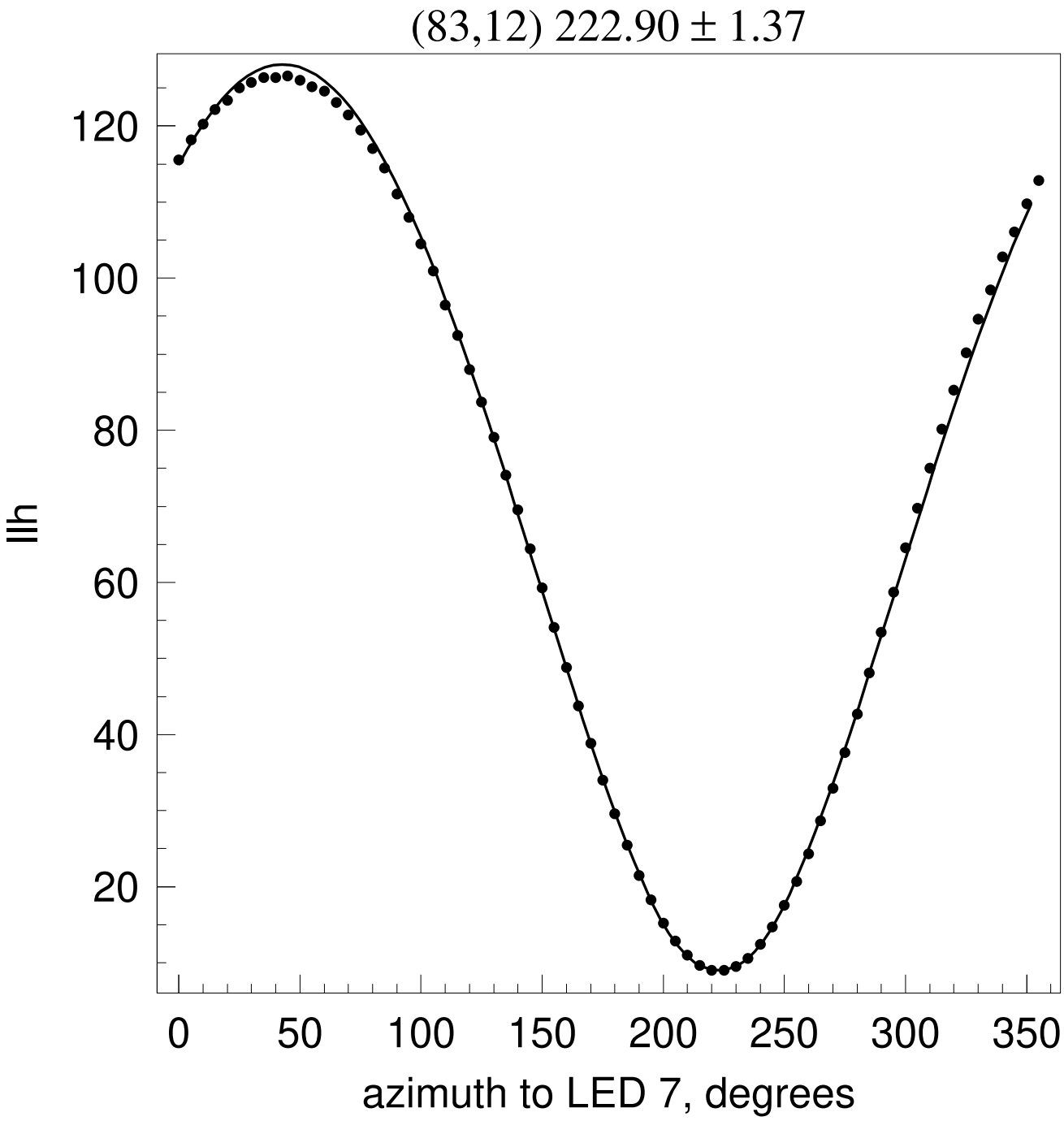

(83,7) 84.70 ± 0.10
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

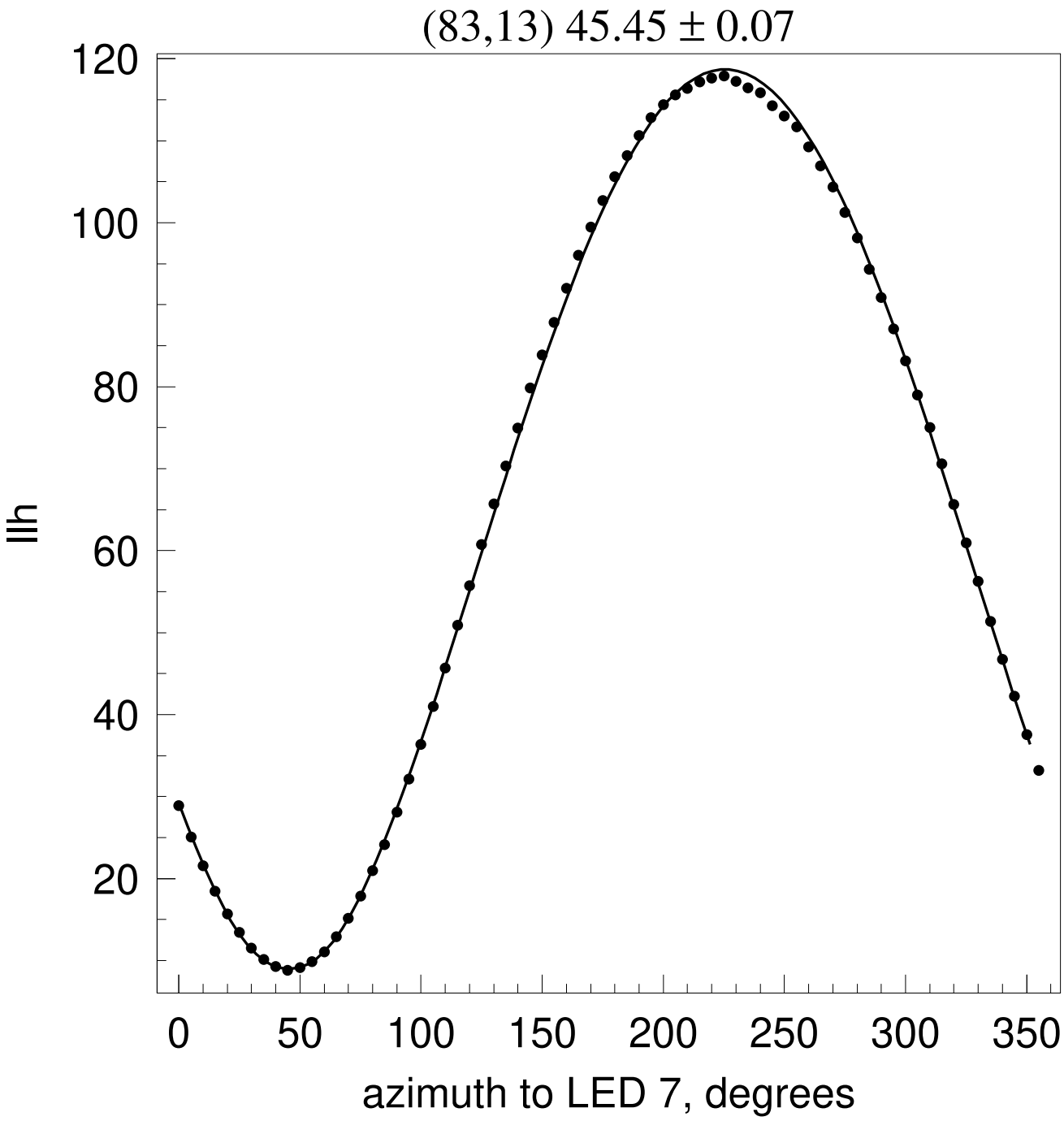

(83,8) 43.32 ± 0.17
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

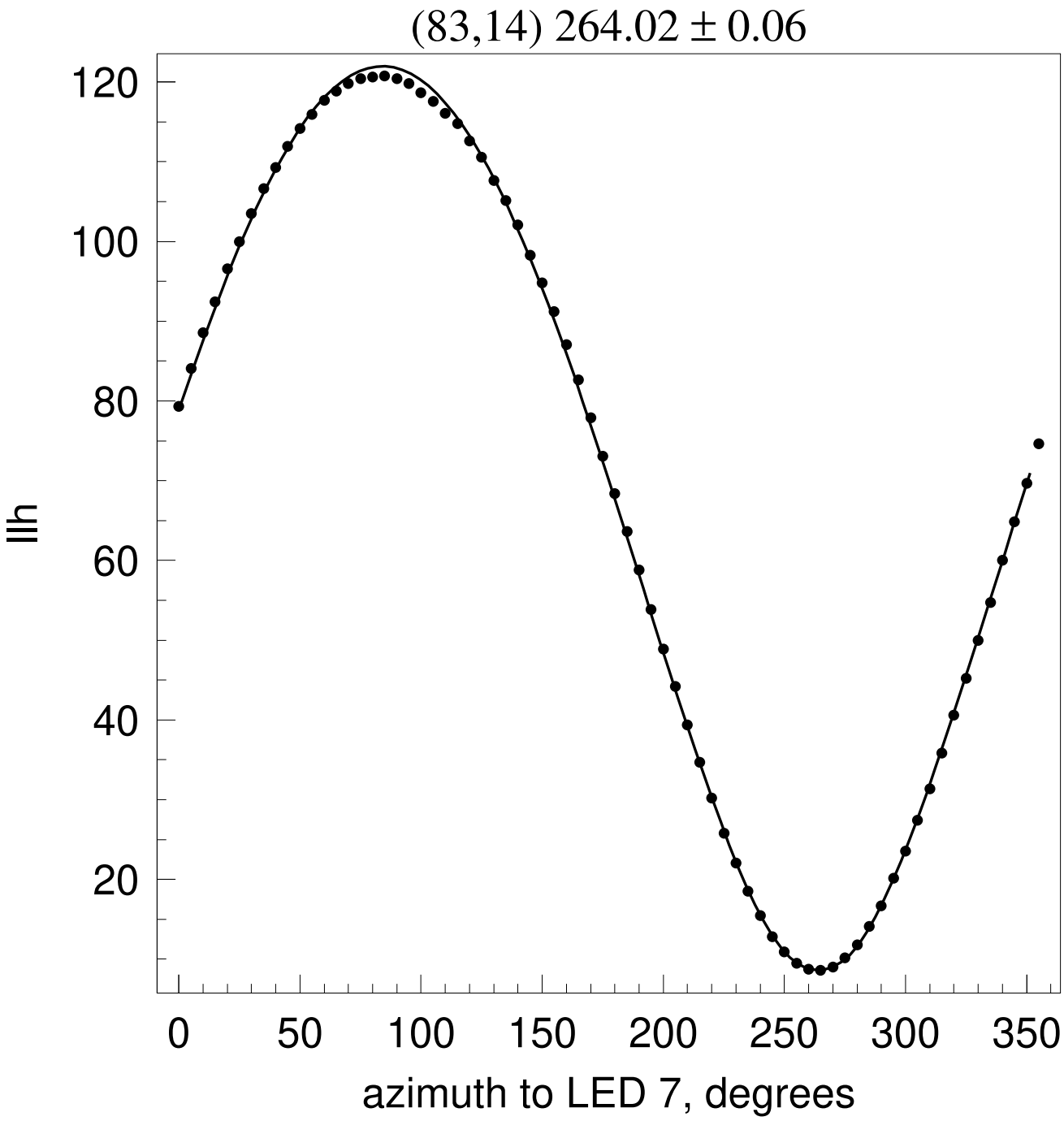

(83,9) 134.27 ± 0.06
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

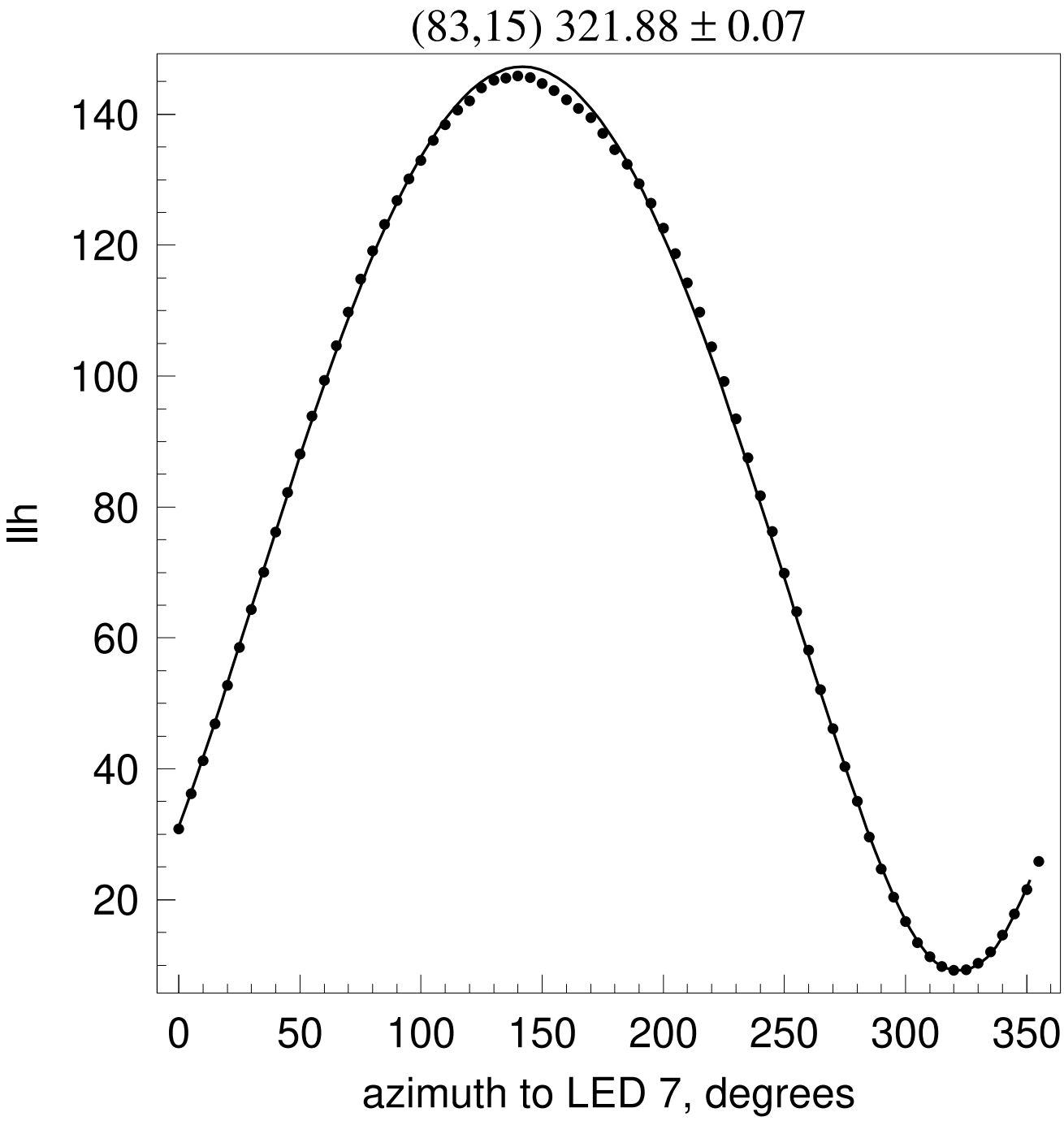

(83,10) 193.59 ± 0.97
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

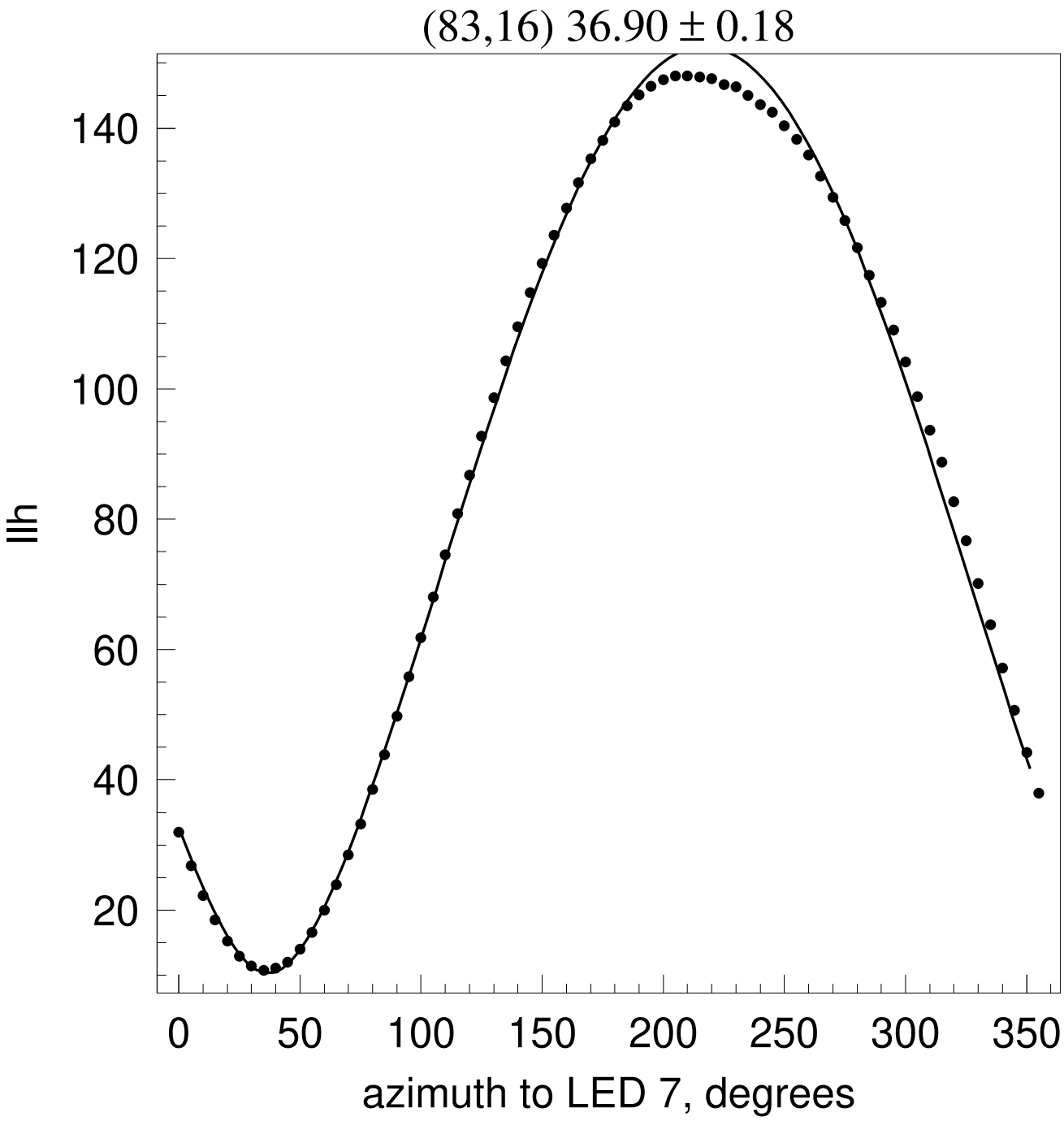

(83,11) 36.65 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

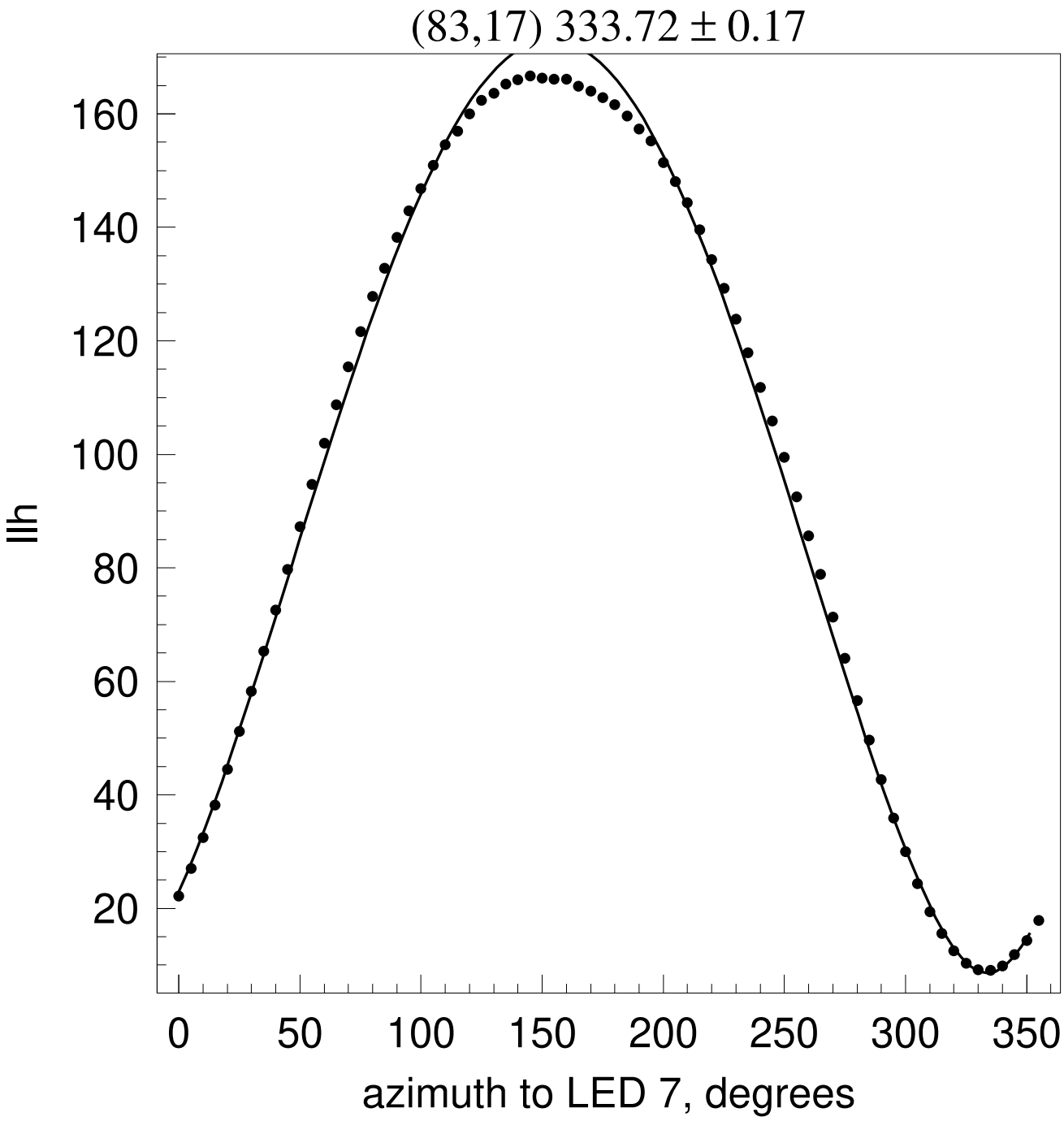

(83,12) 222.90 ± 1.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

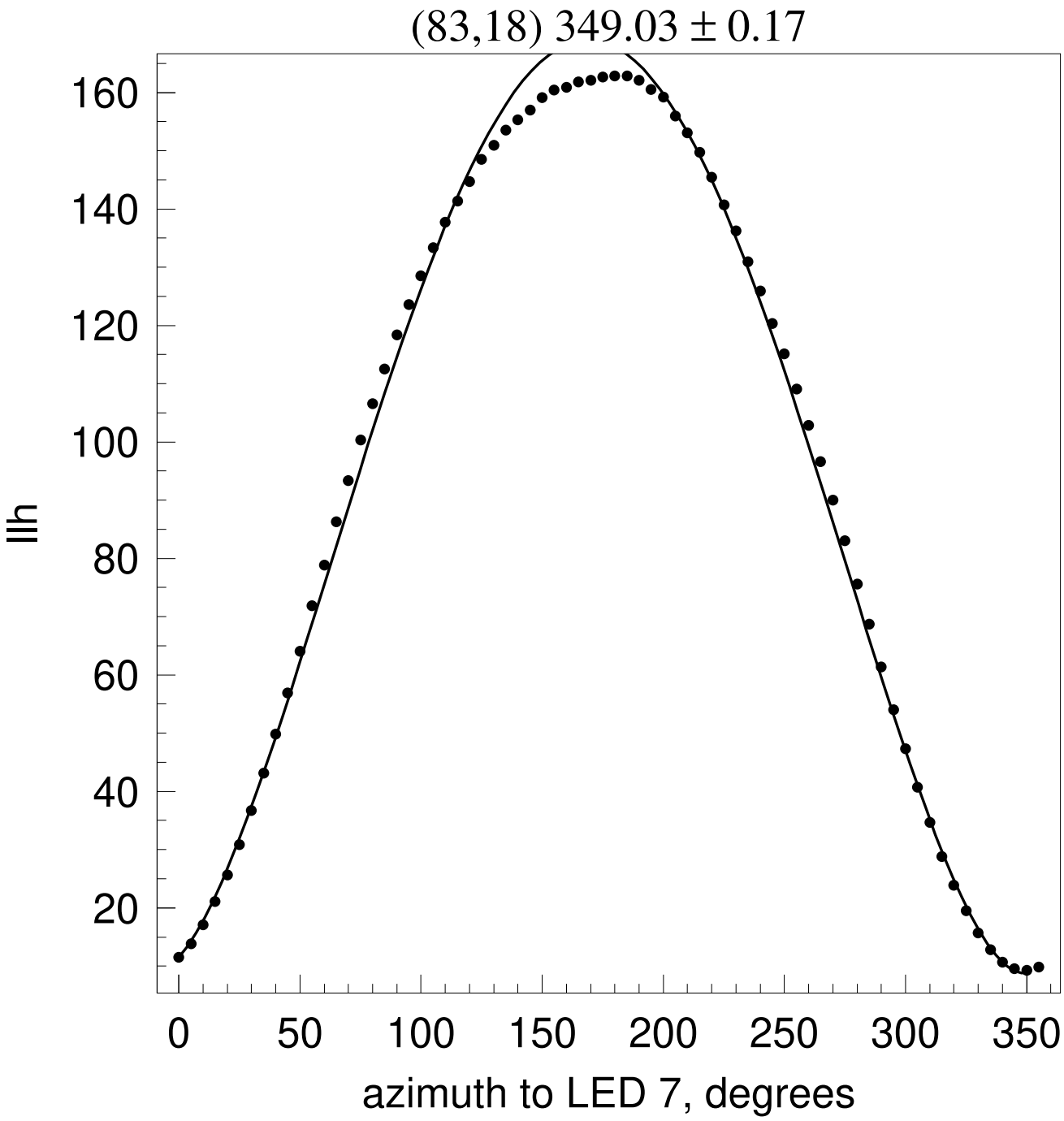

(83,13) 45.45 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

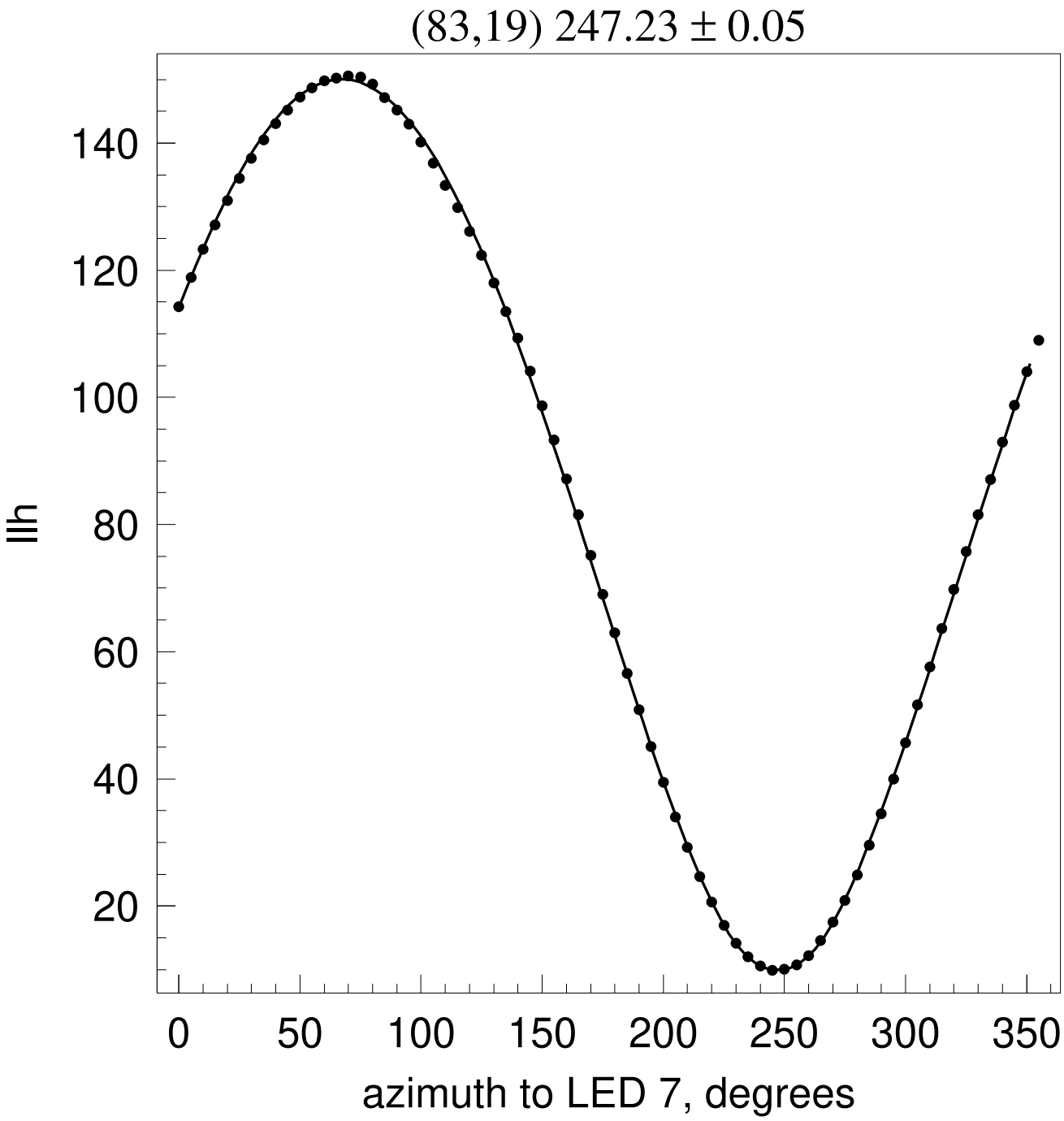

(83,14) 264.02 ± 0.06
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

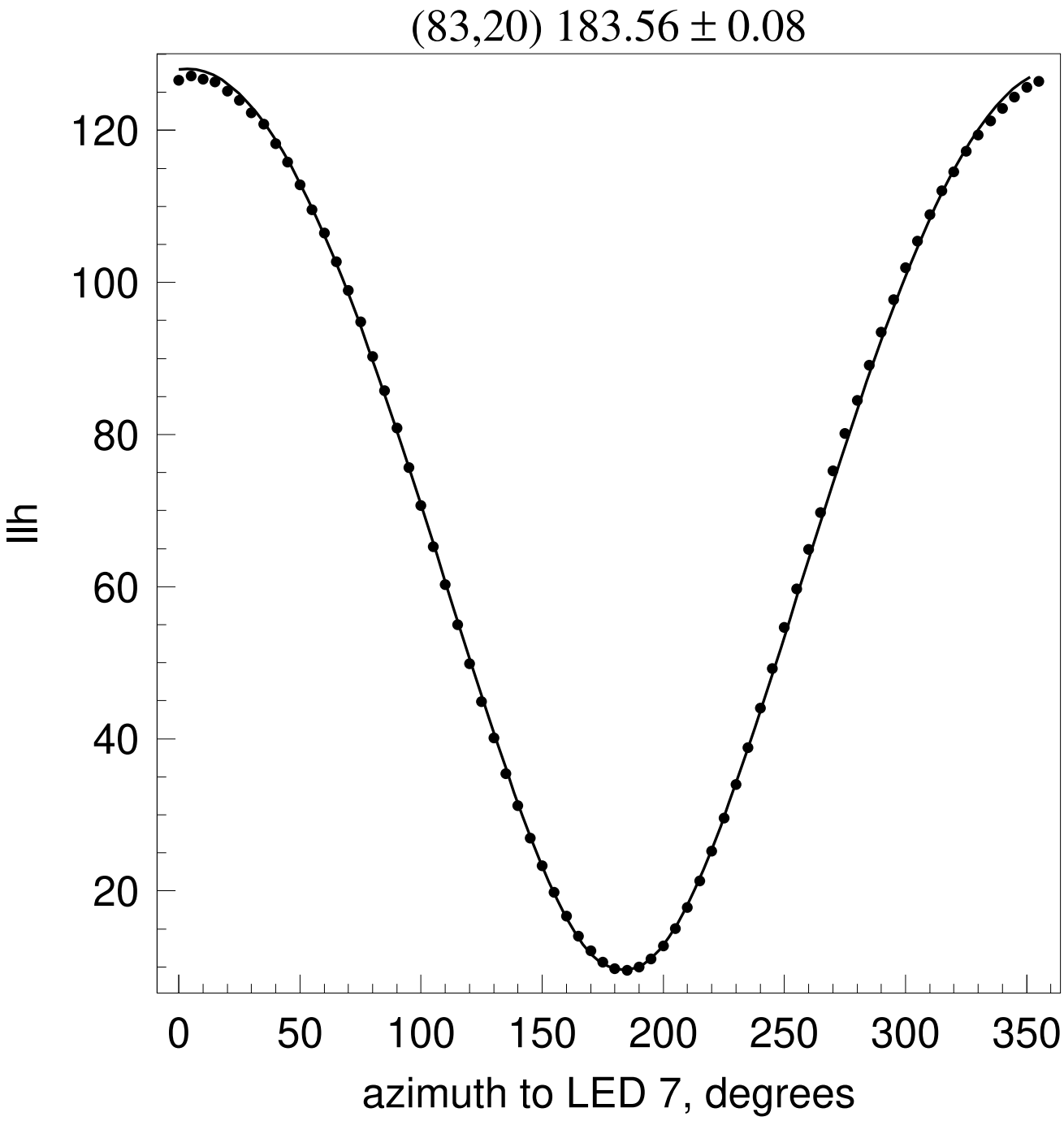

(83,15) 321.88 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

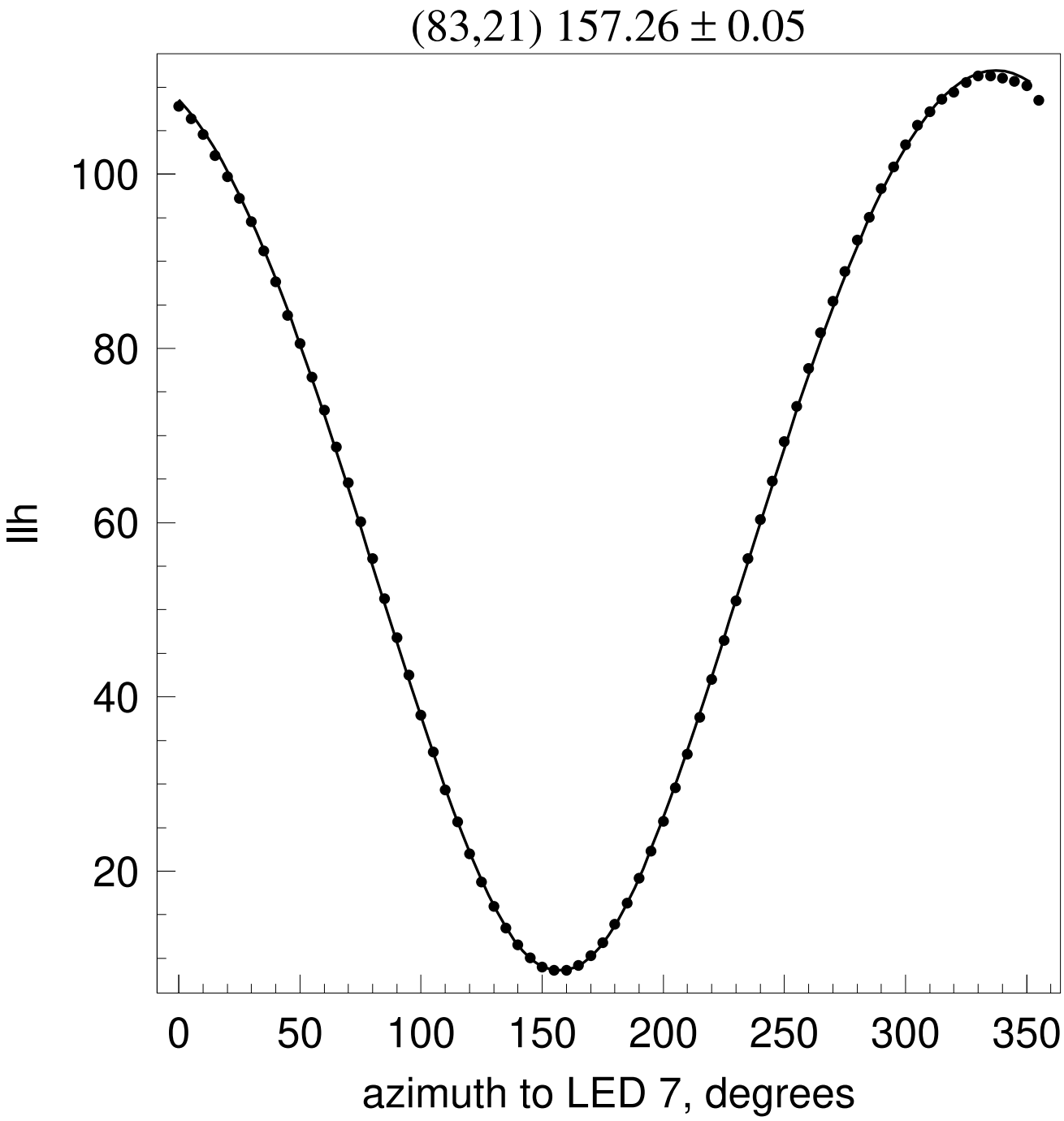

(83,16) 36.90 ± 0.18
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

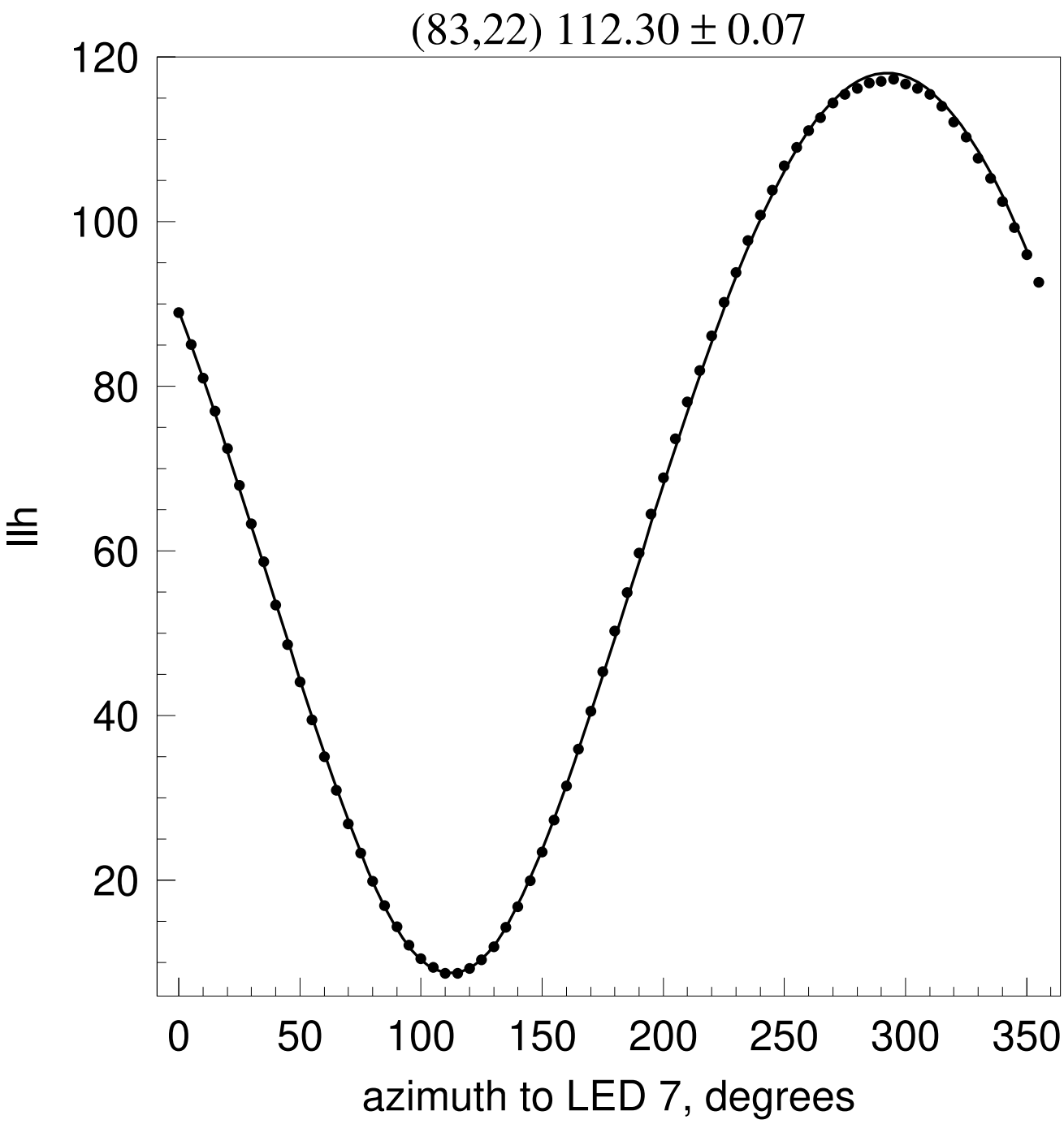

(83,17) 333.72 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

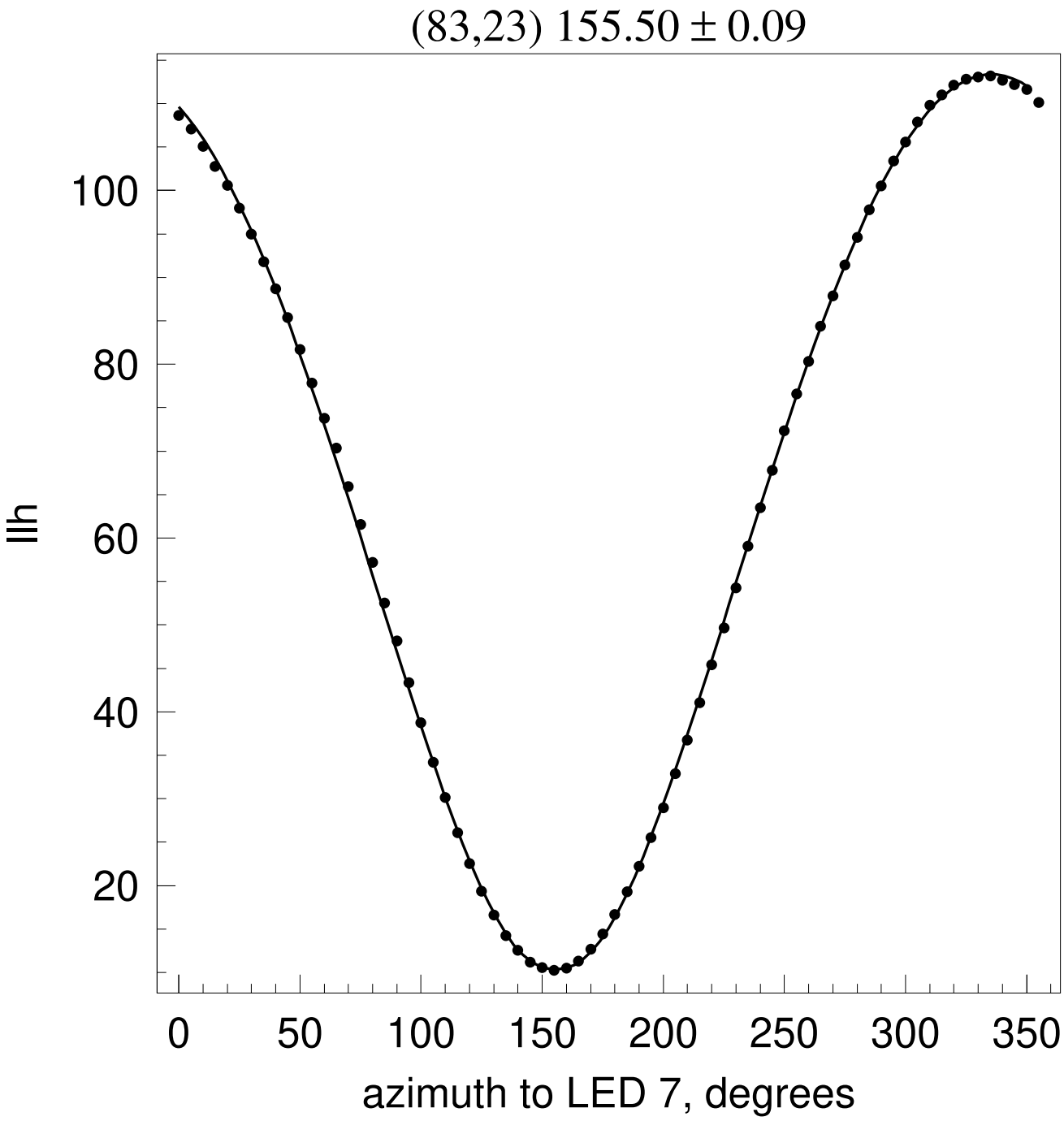

(83,18) 349.03 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

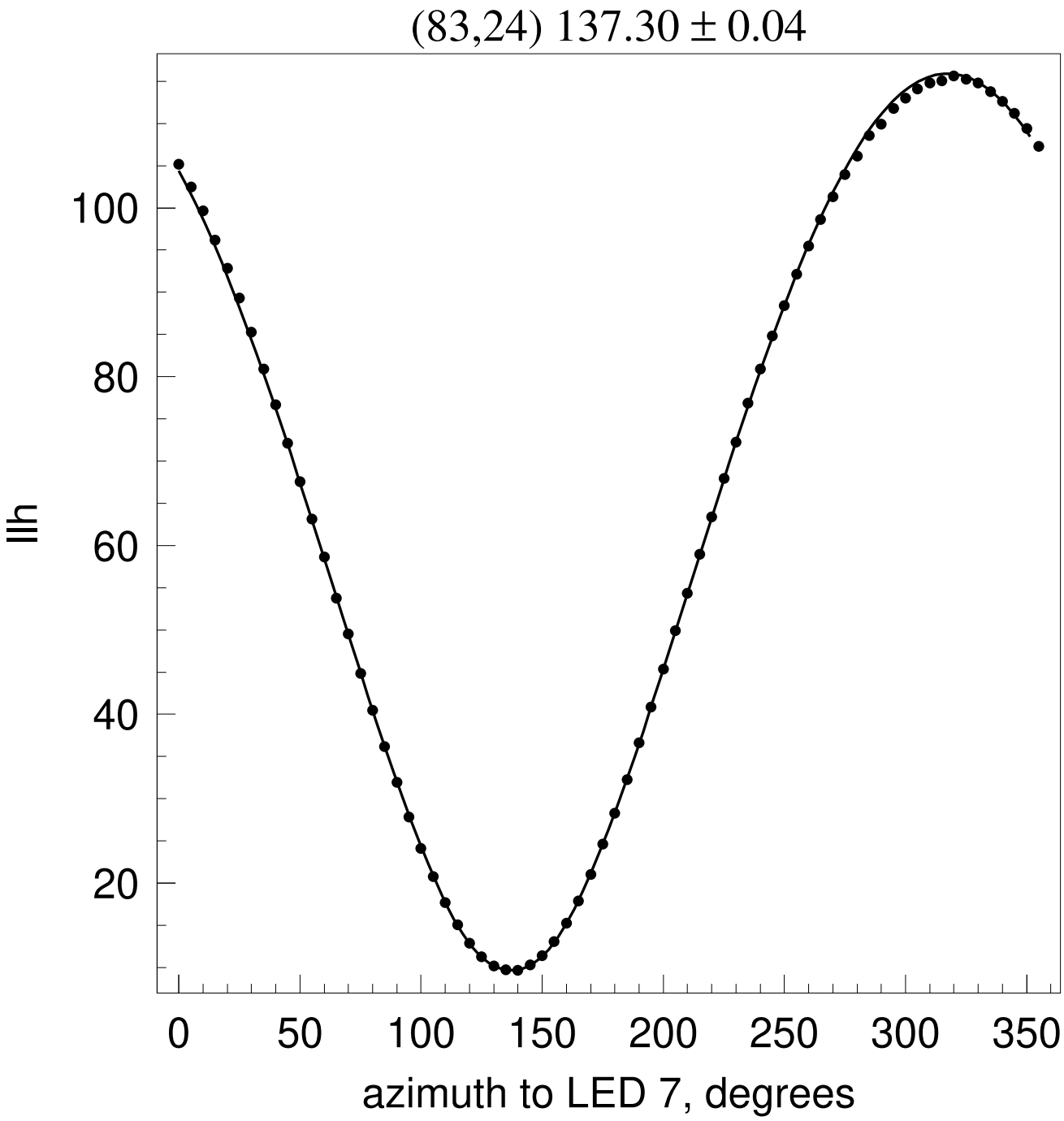

(83,19) 247.23 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

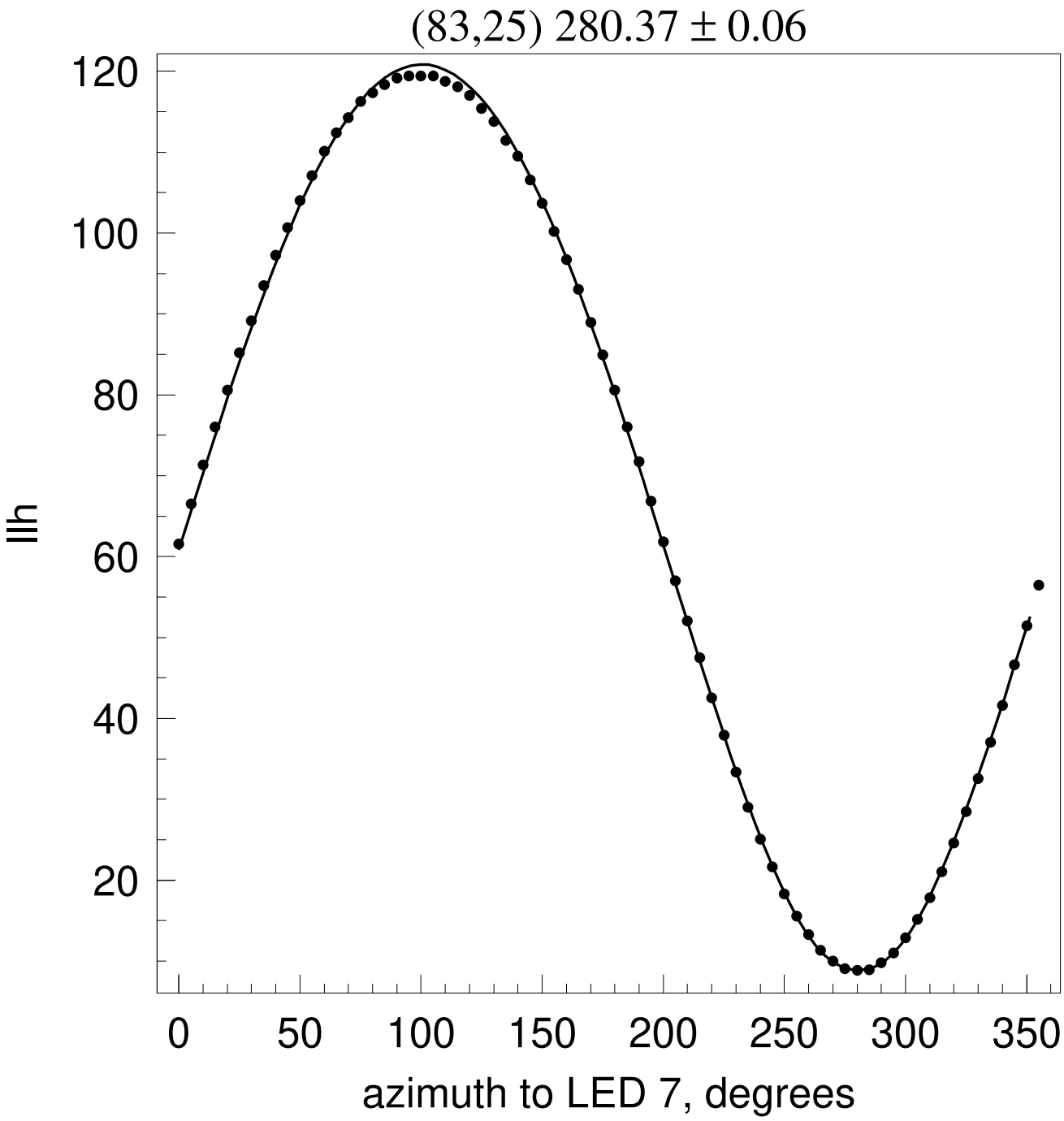

(83,20) 183.56 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

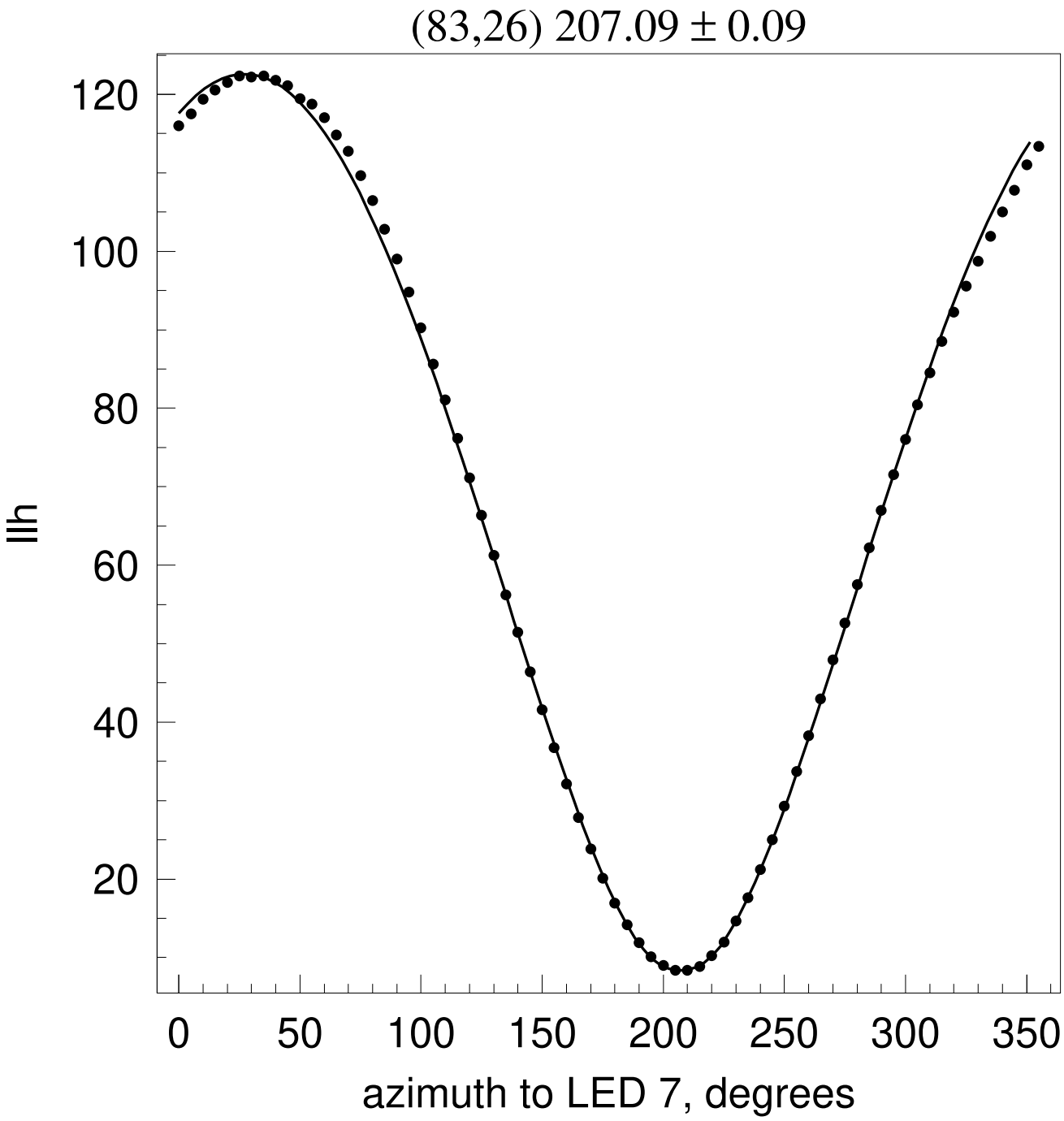

(83,21) 157.26 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

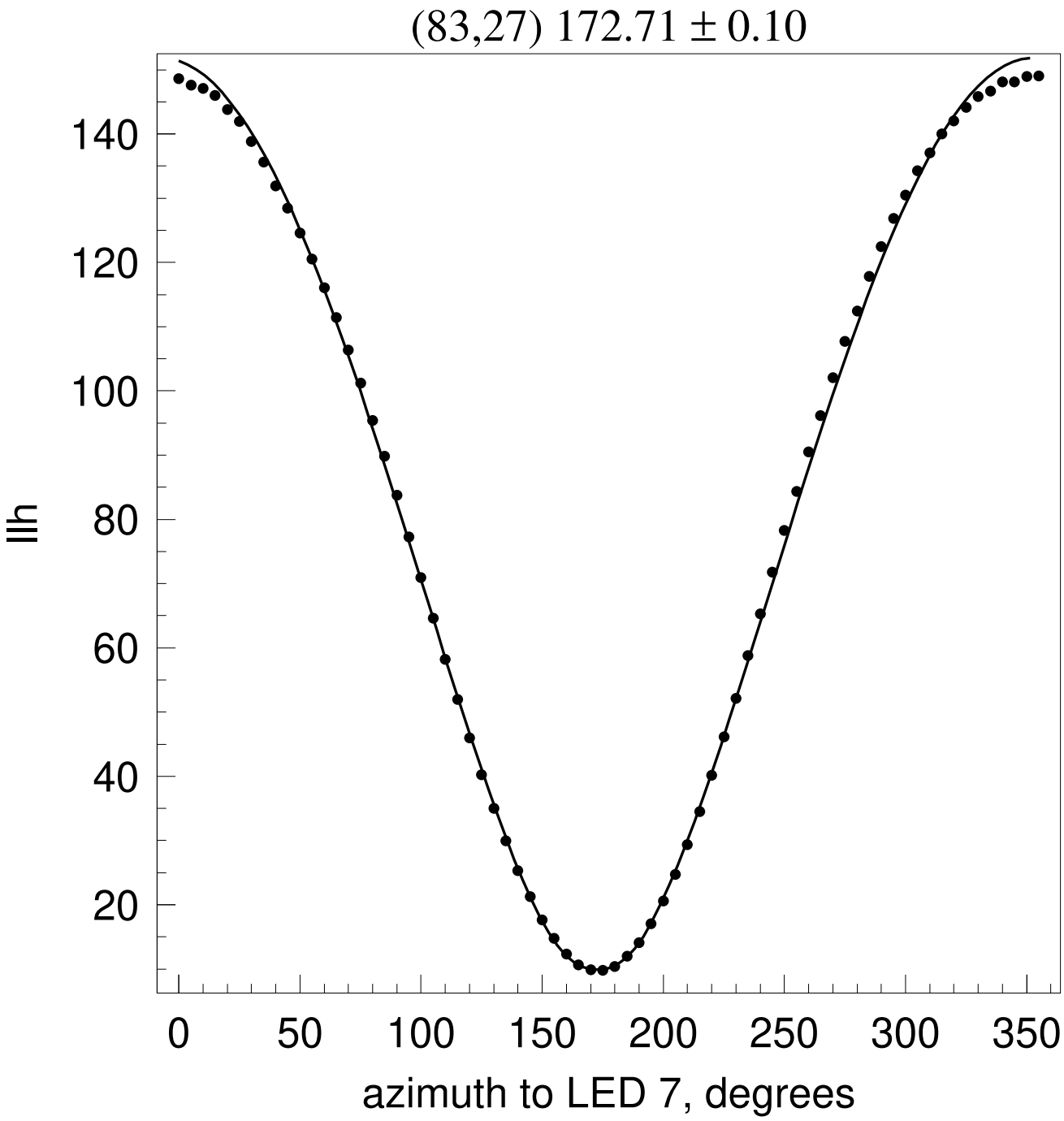

(83,22) 112.30 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

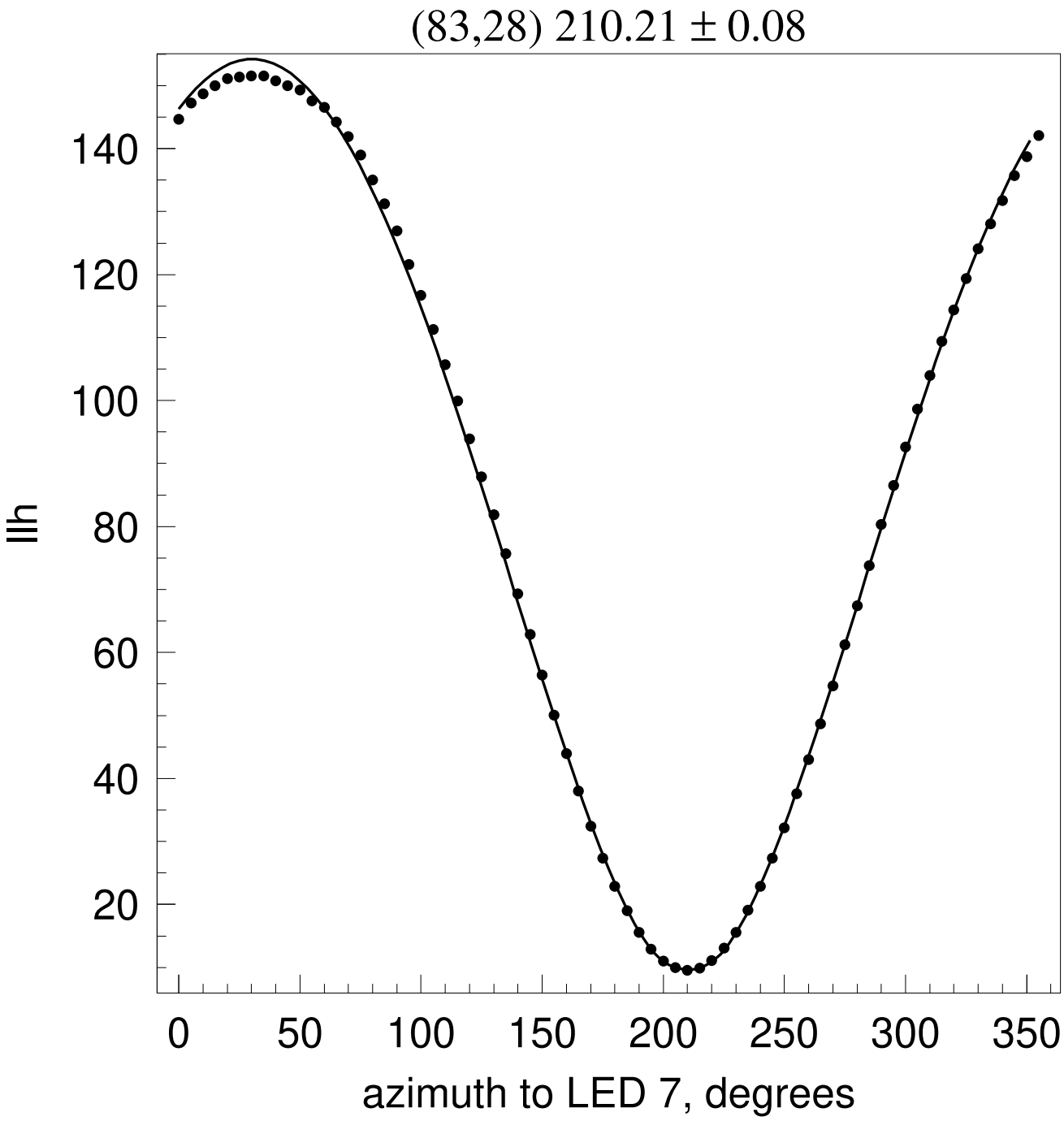

(83,23) 155.50 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

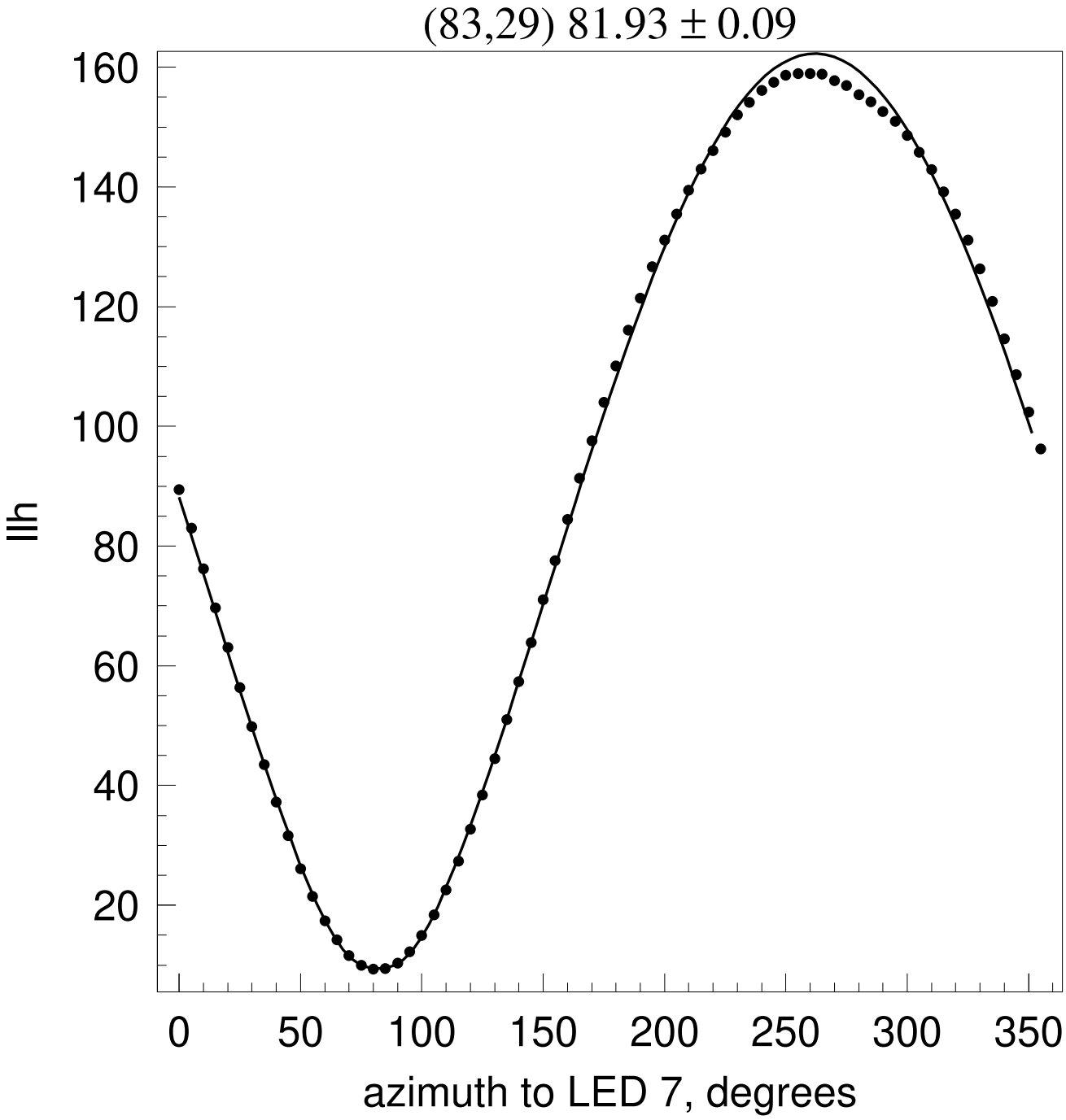

(83,24) 137.30 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

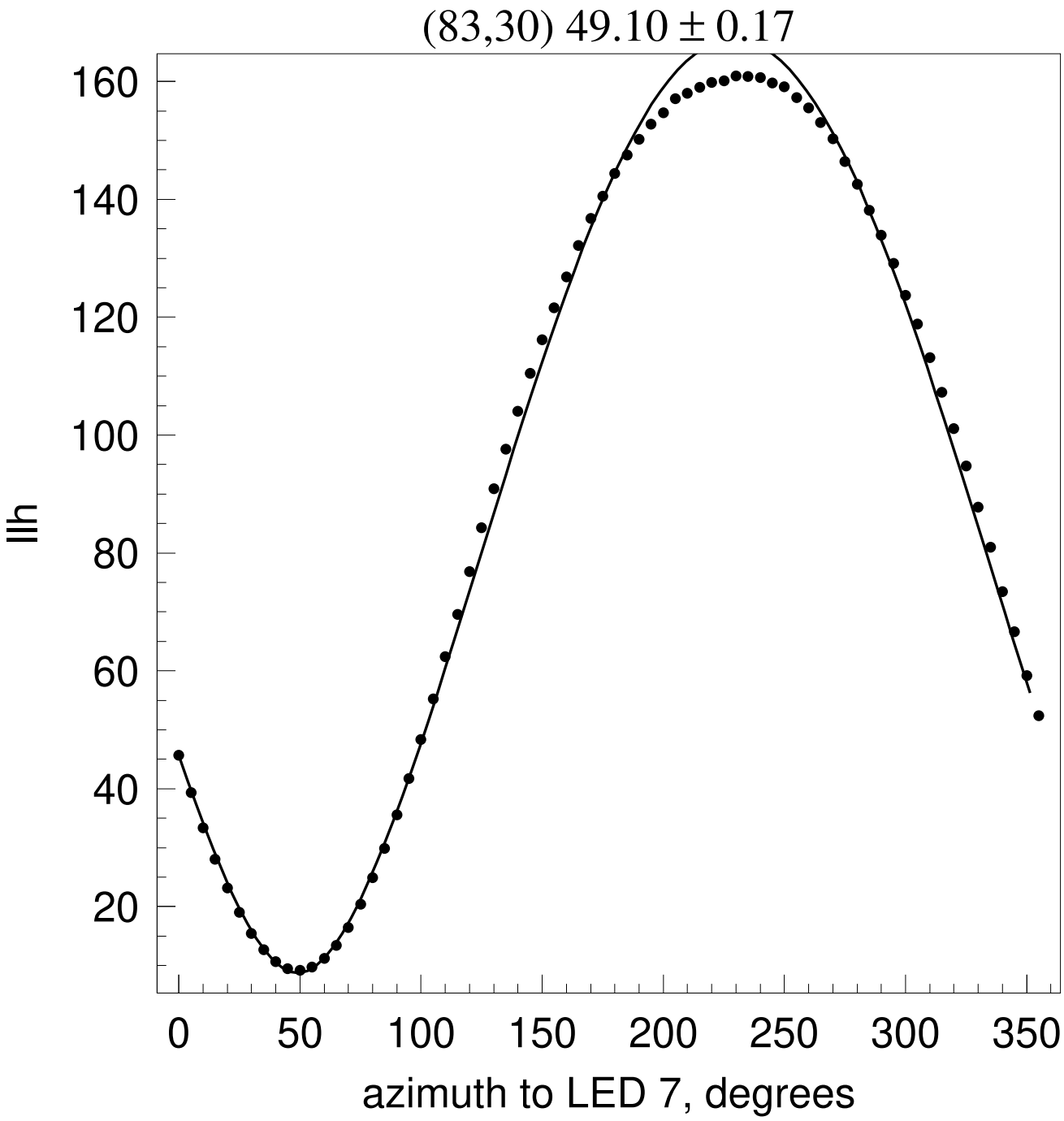

(83,25) 280.37 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

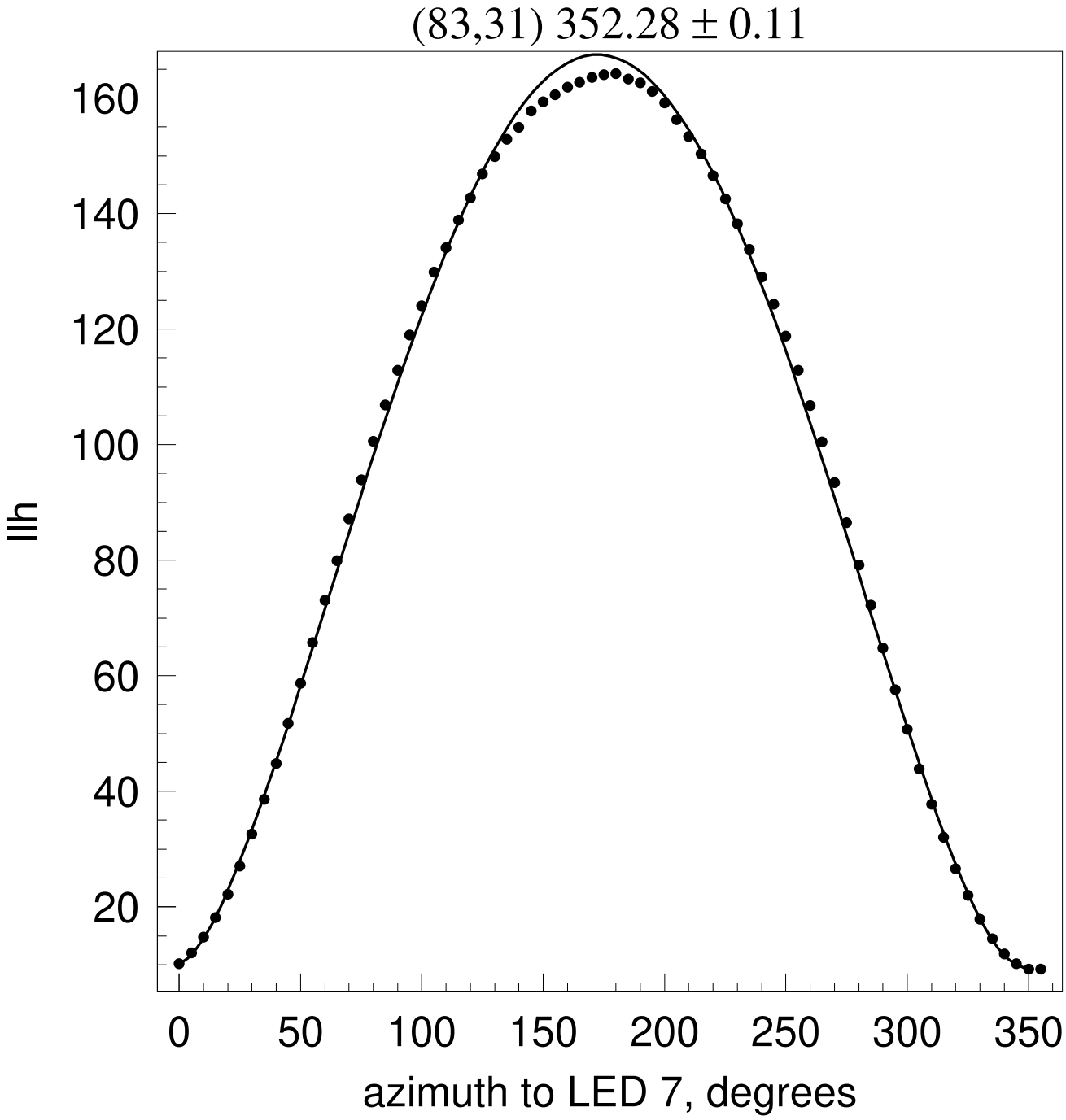

(83,26) 207.09 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

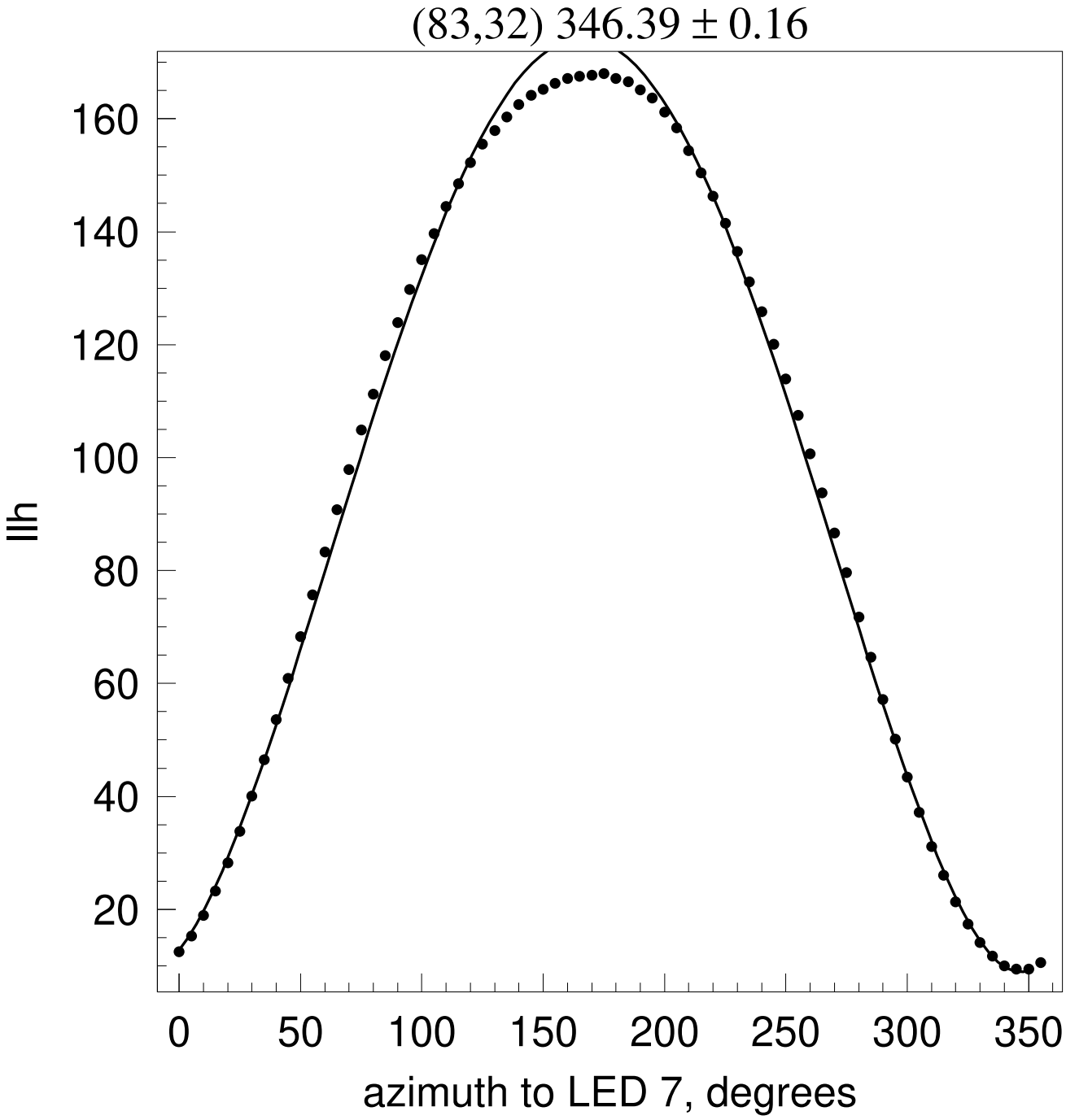

(83,27) 172.71 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

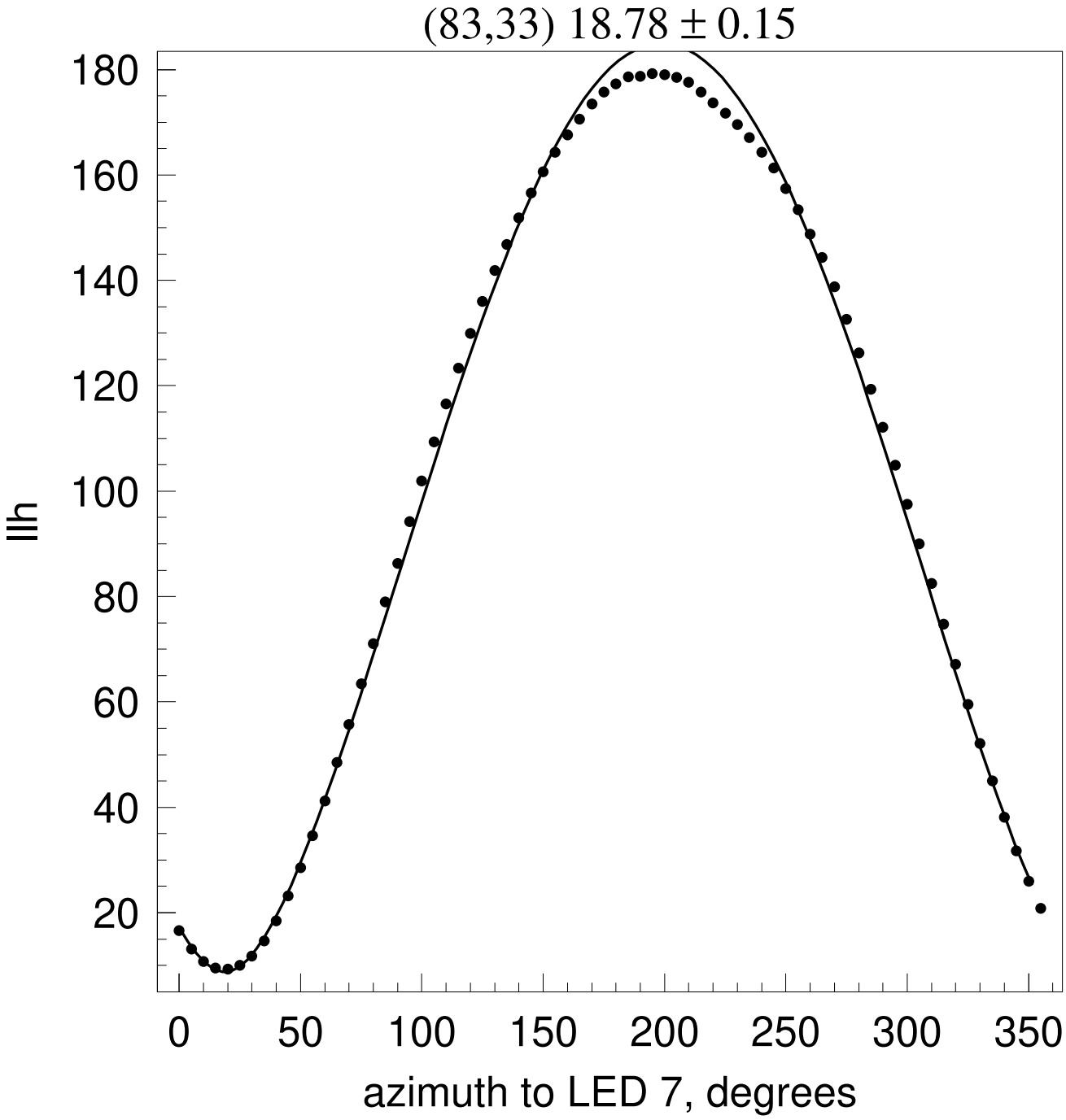

(83,28) 210.21 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

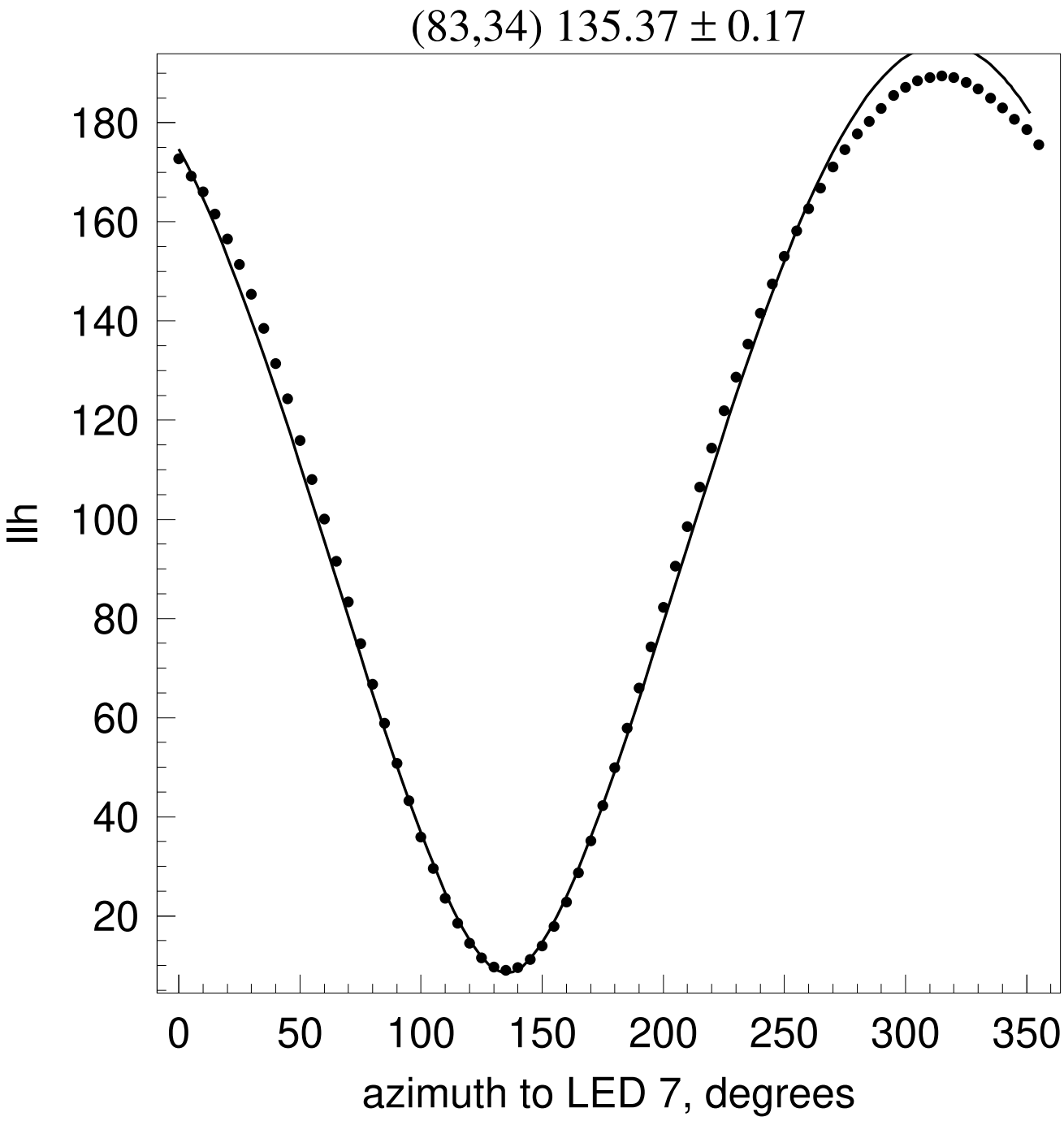

(83,29) 81.93 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

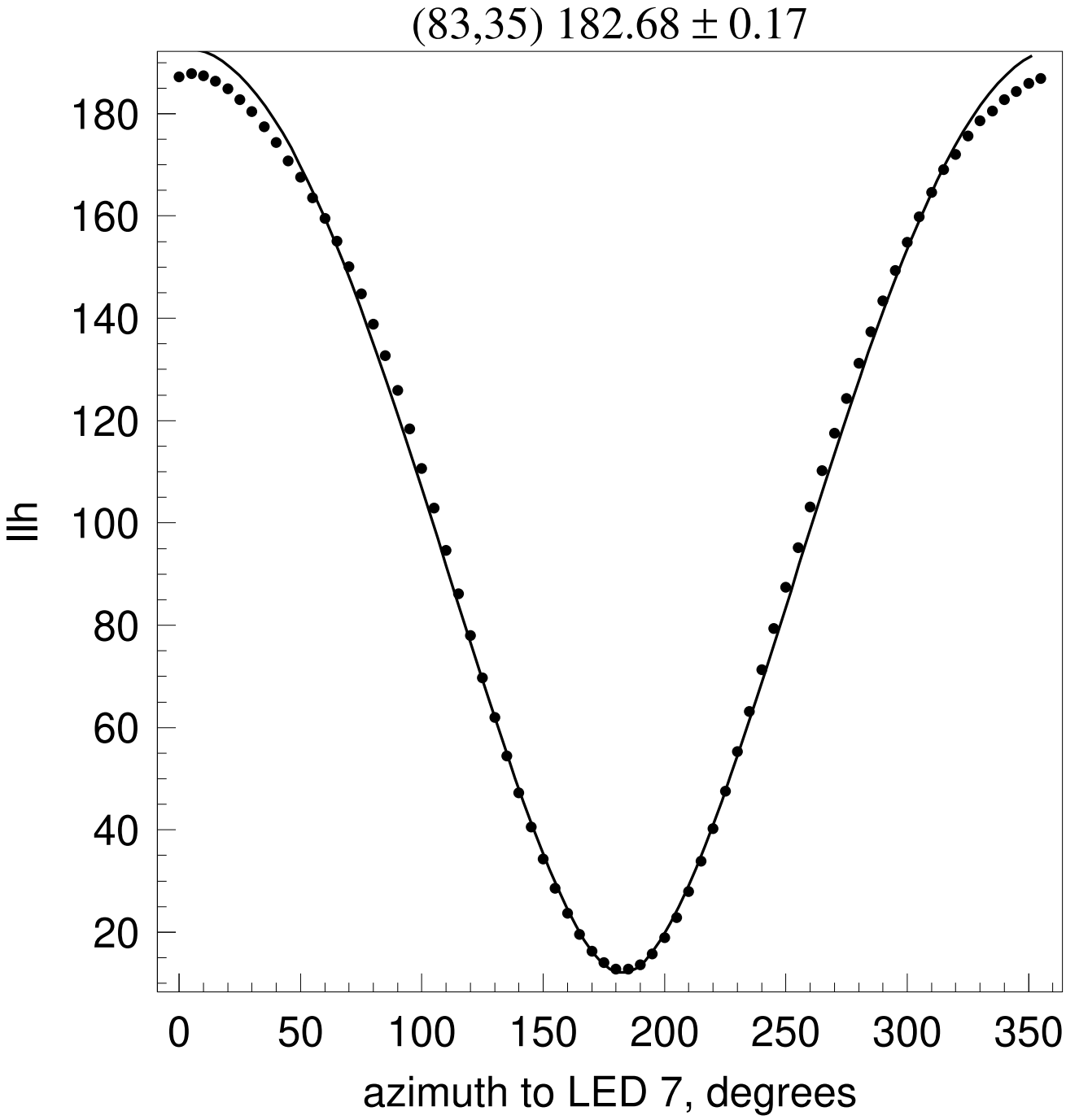

(83,30) 49.10 ± 0.17
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

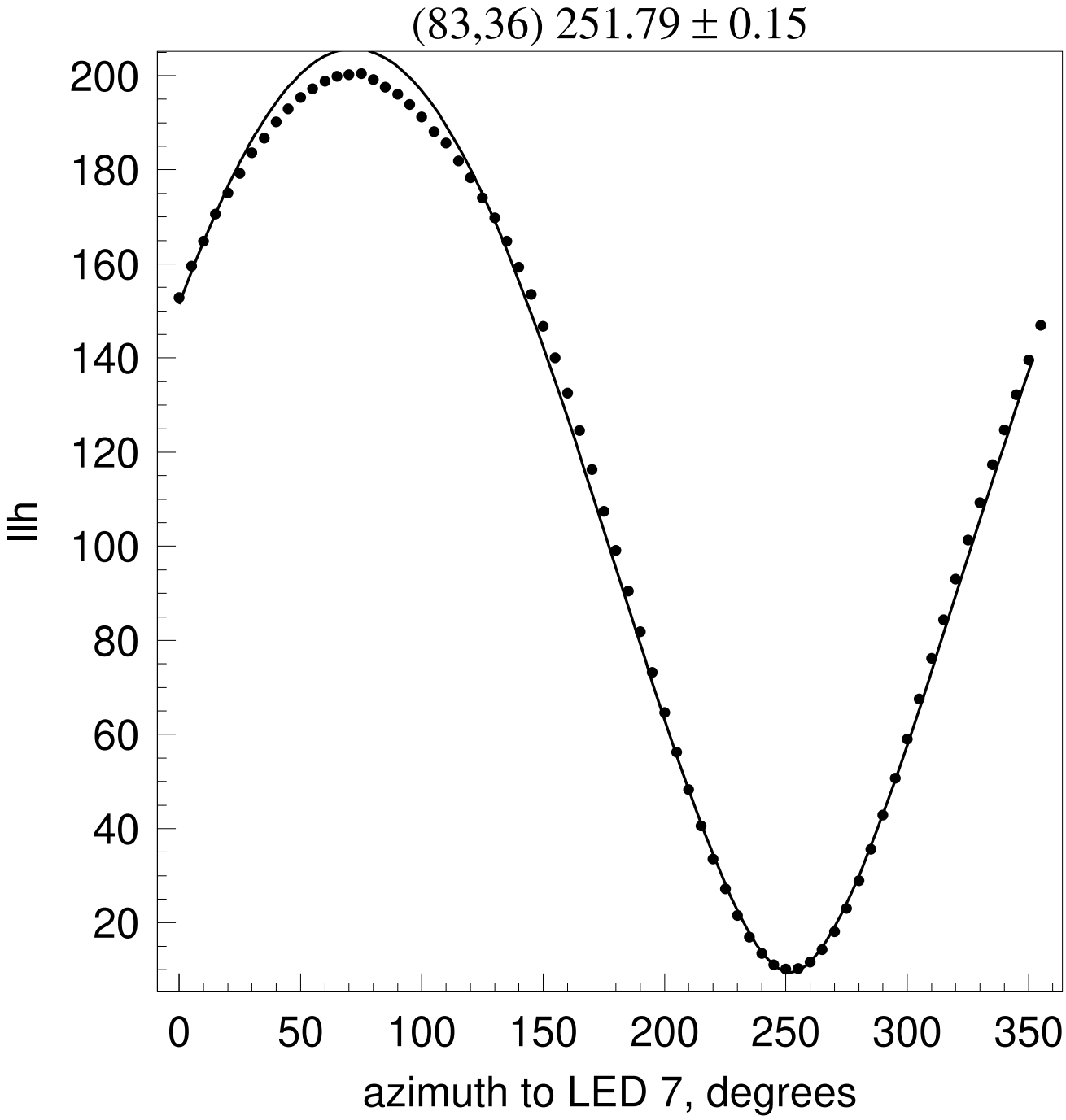

(83,31) 352.28 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

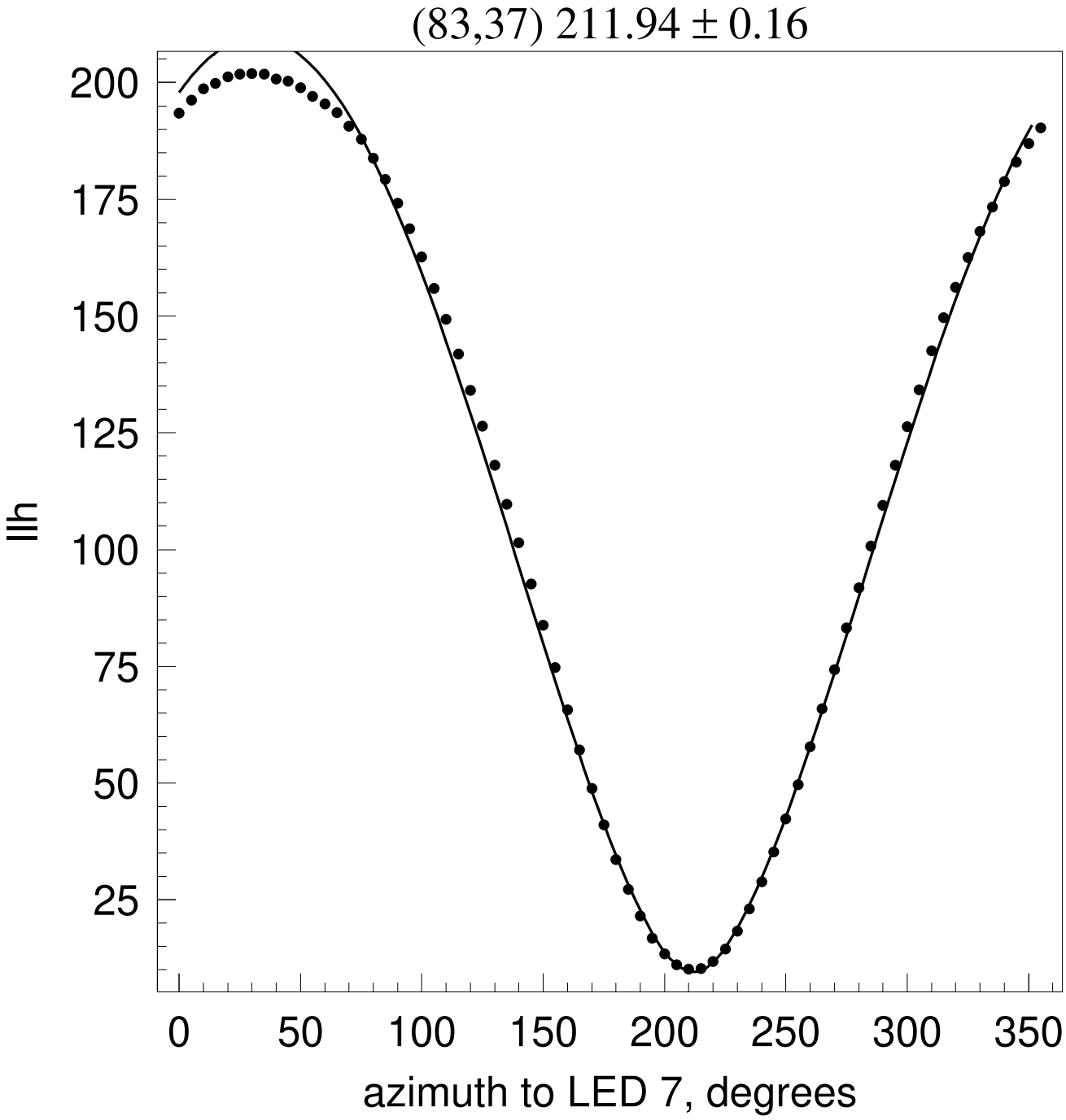

(83,32) 346.39 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

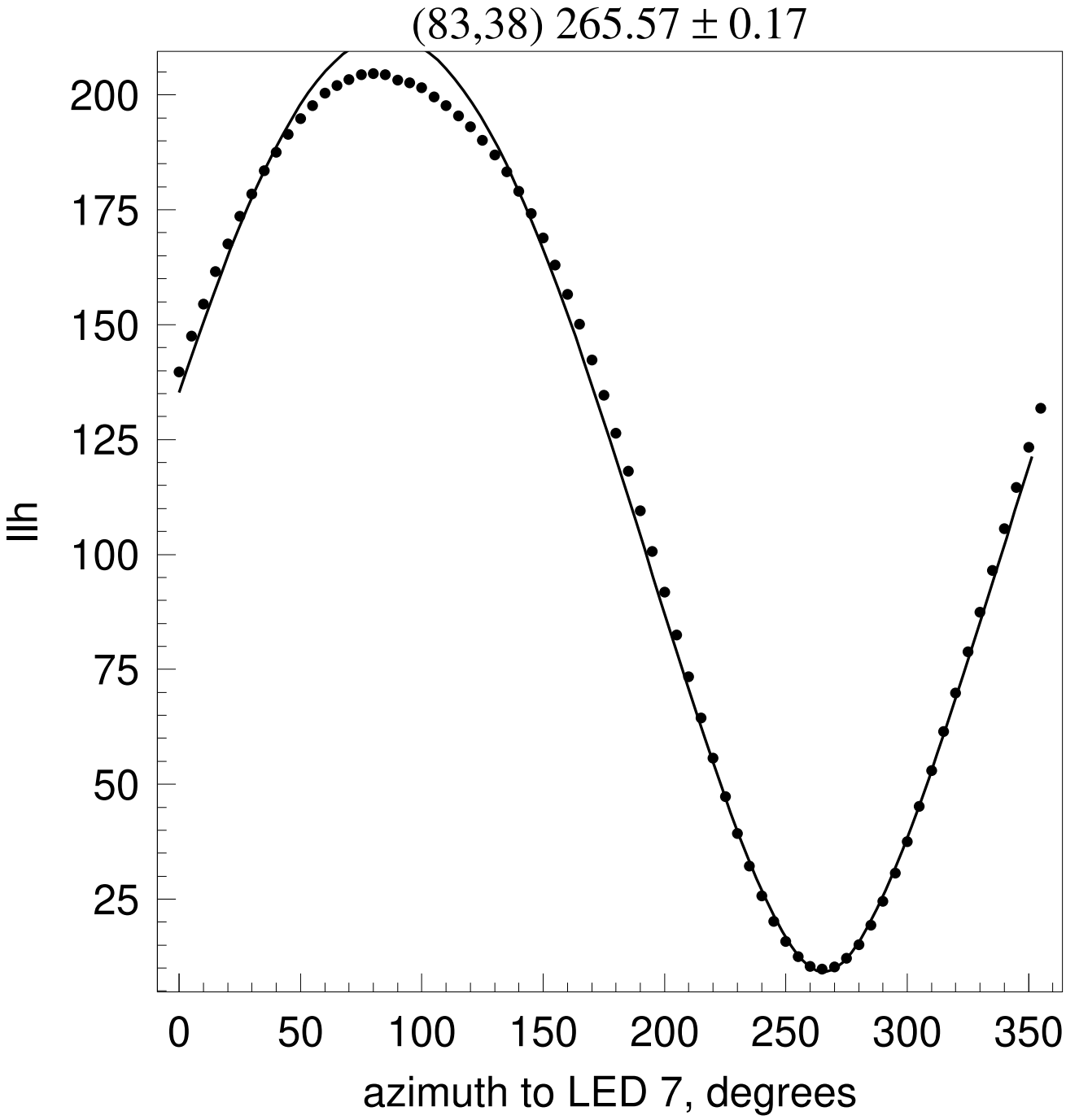

(83,33) 18.78 ± 0.15
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

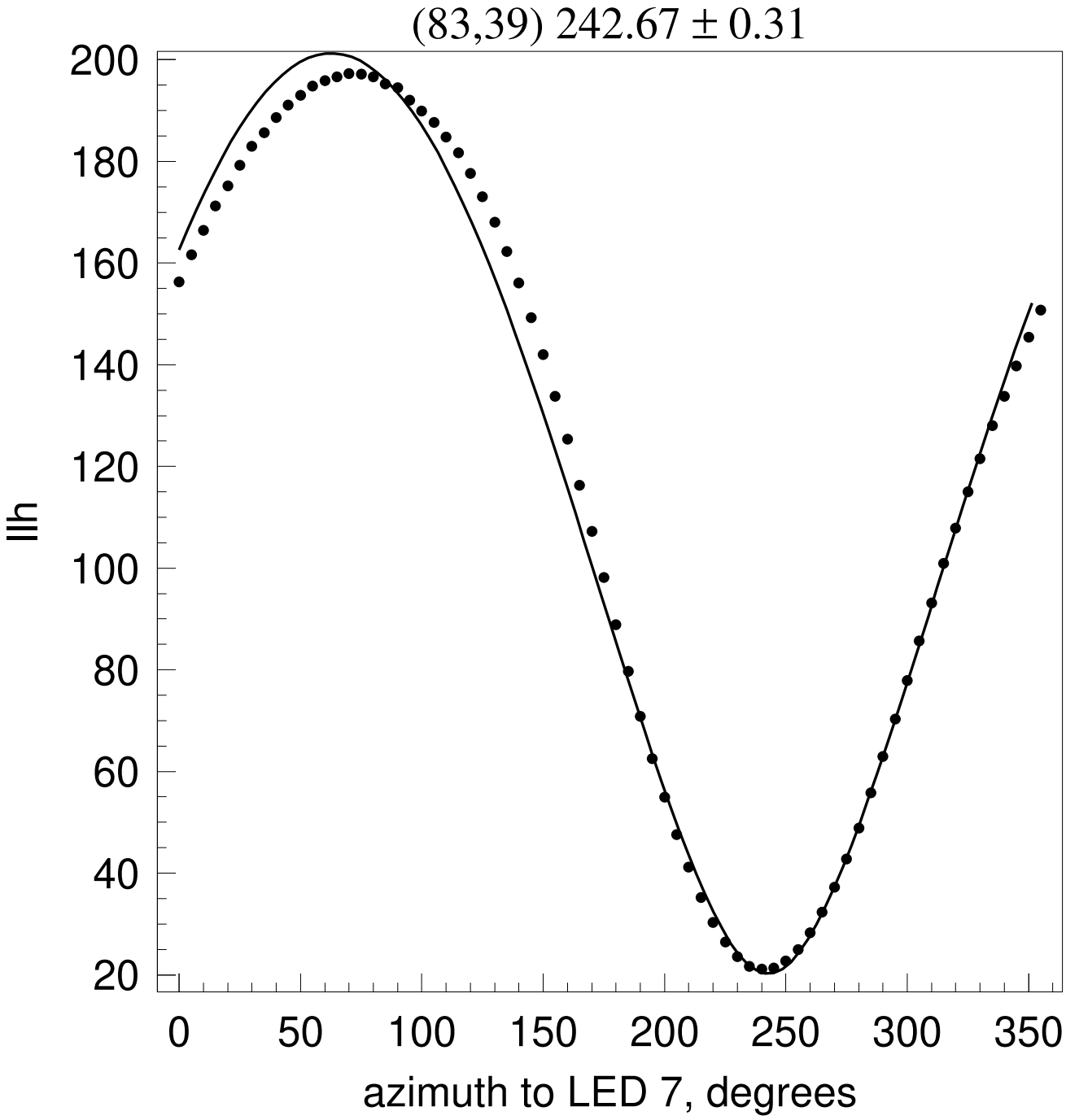

(83,34) 135.37 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

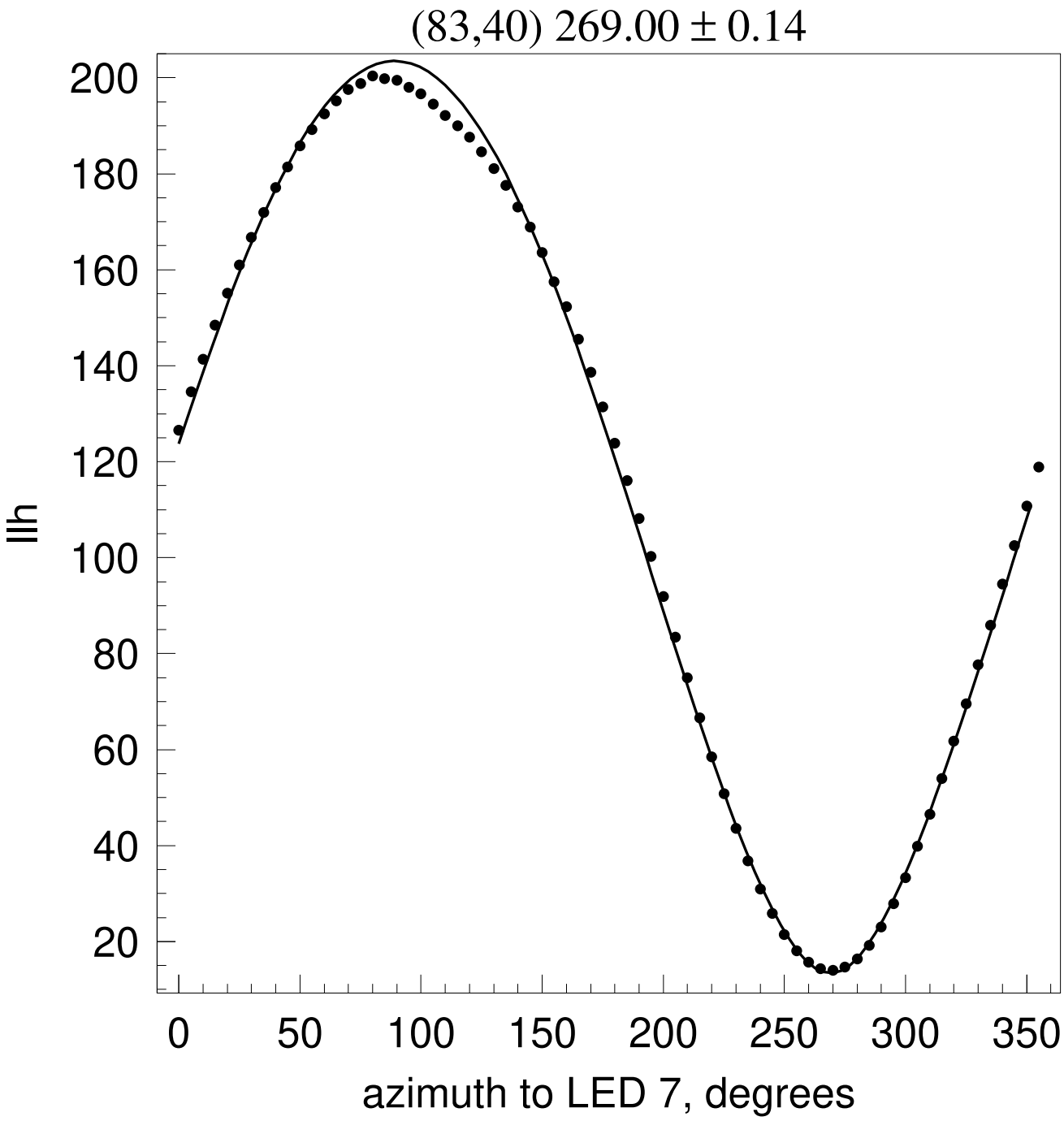

(83,35) 182.68 ± 0.17
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

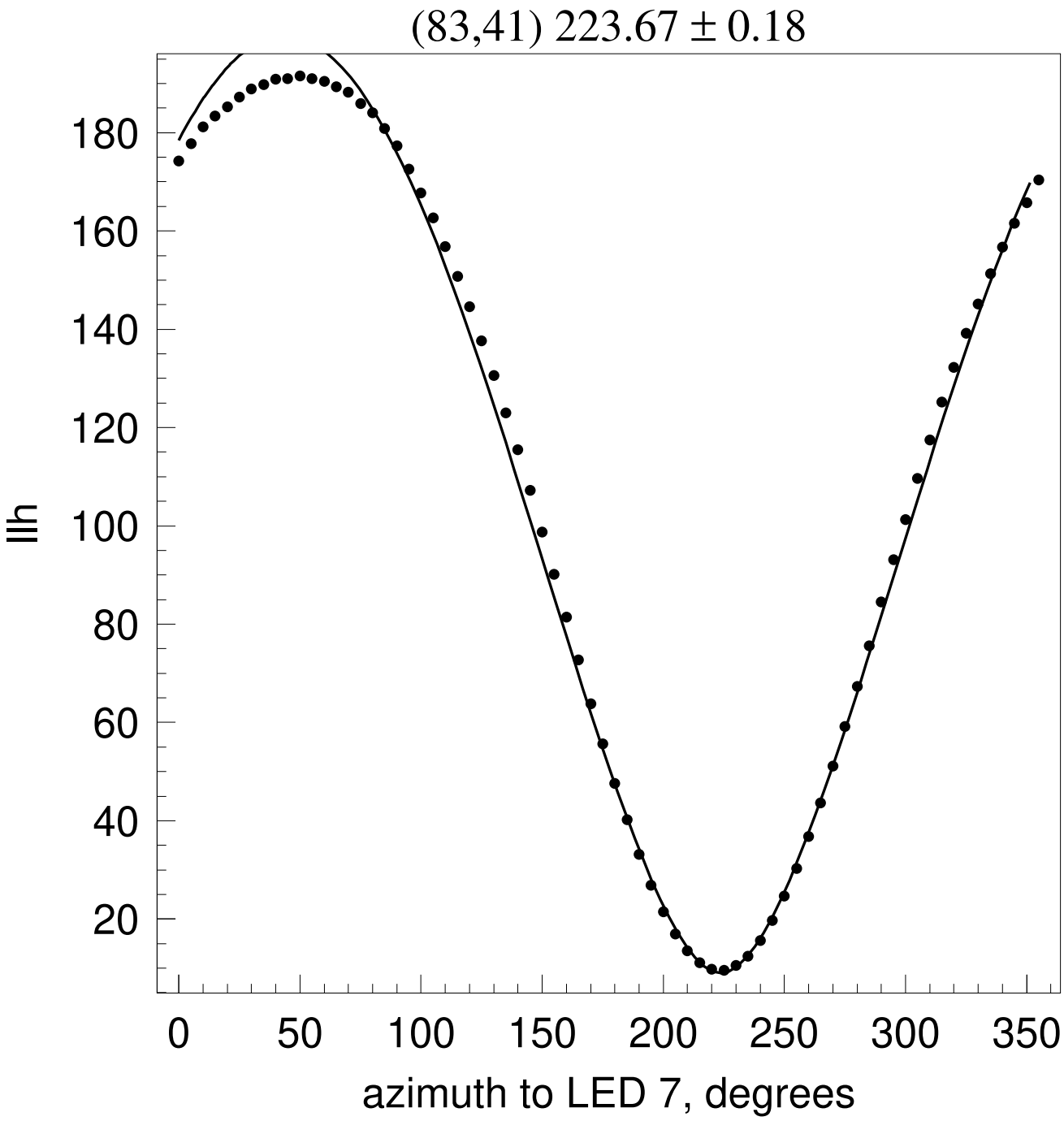

(83,36) 251.79 ± 0.15
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

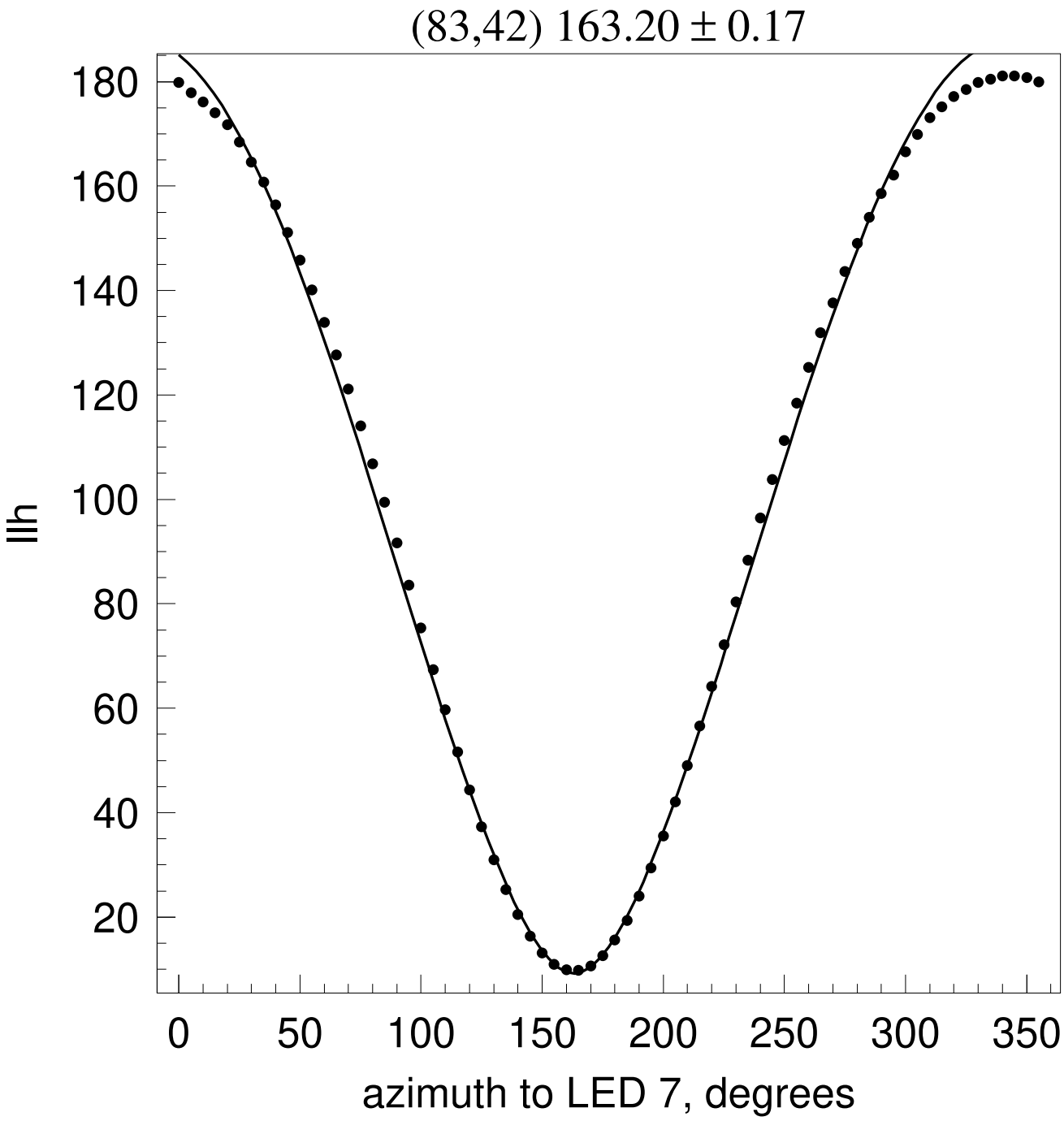

(83,37) 211.94 ± 0.16
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

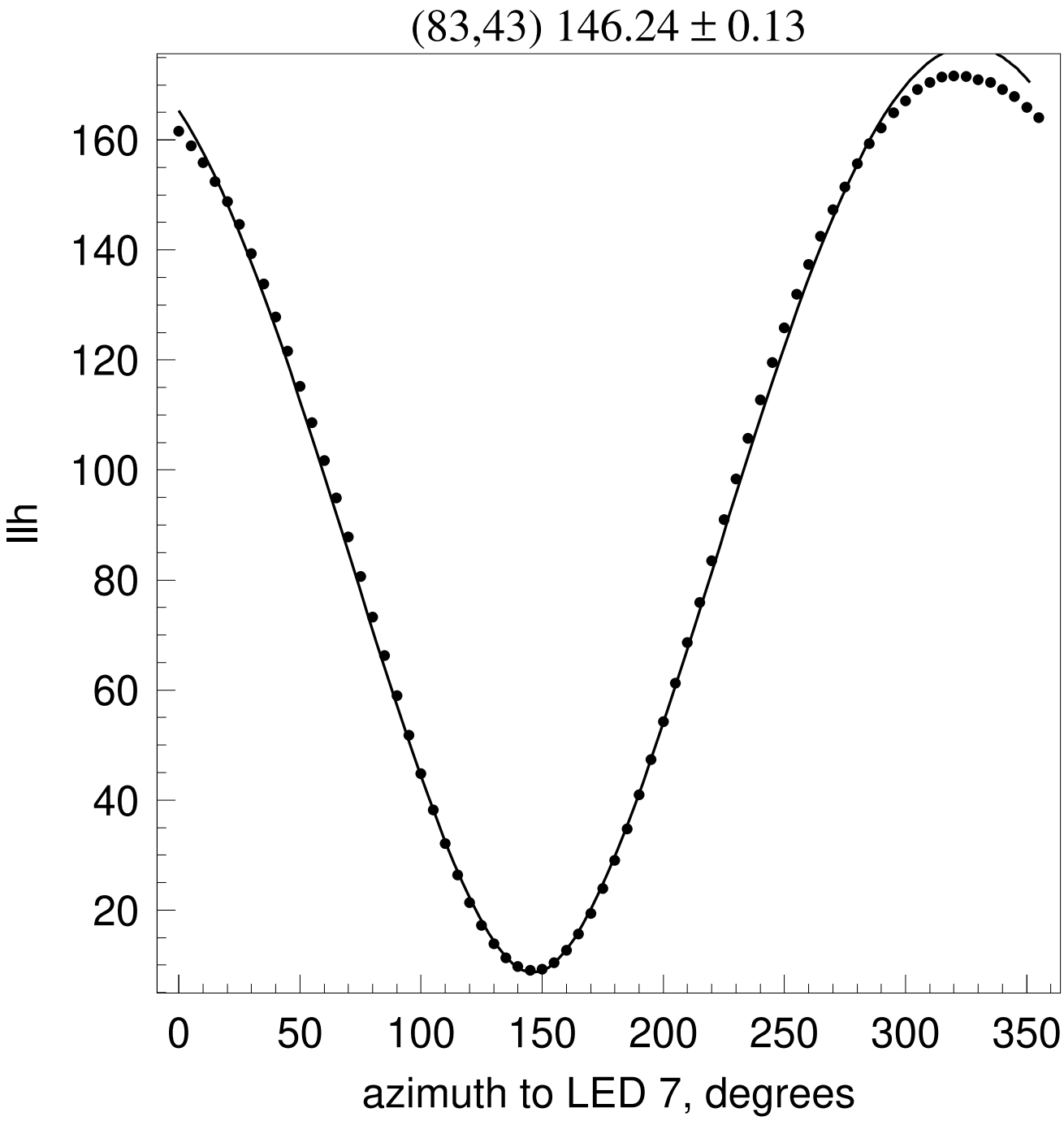

(83,38) 265.57 ± 0.17
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

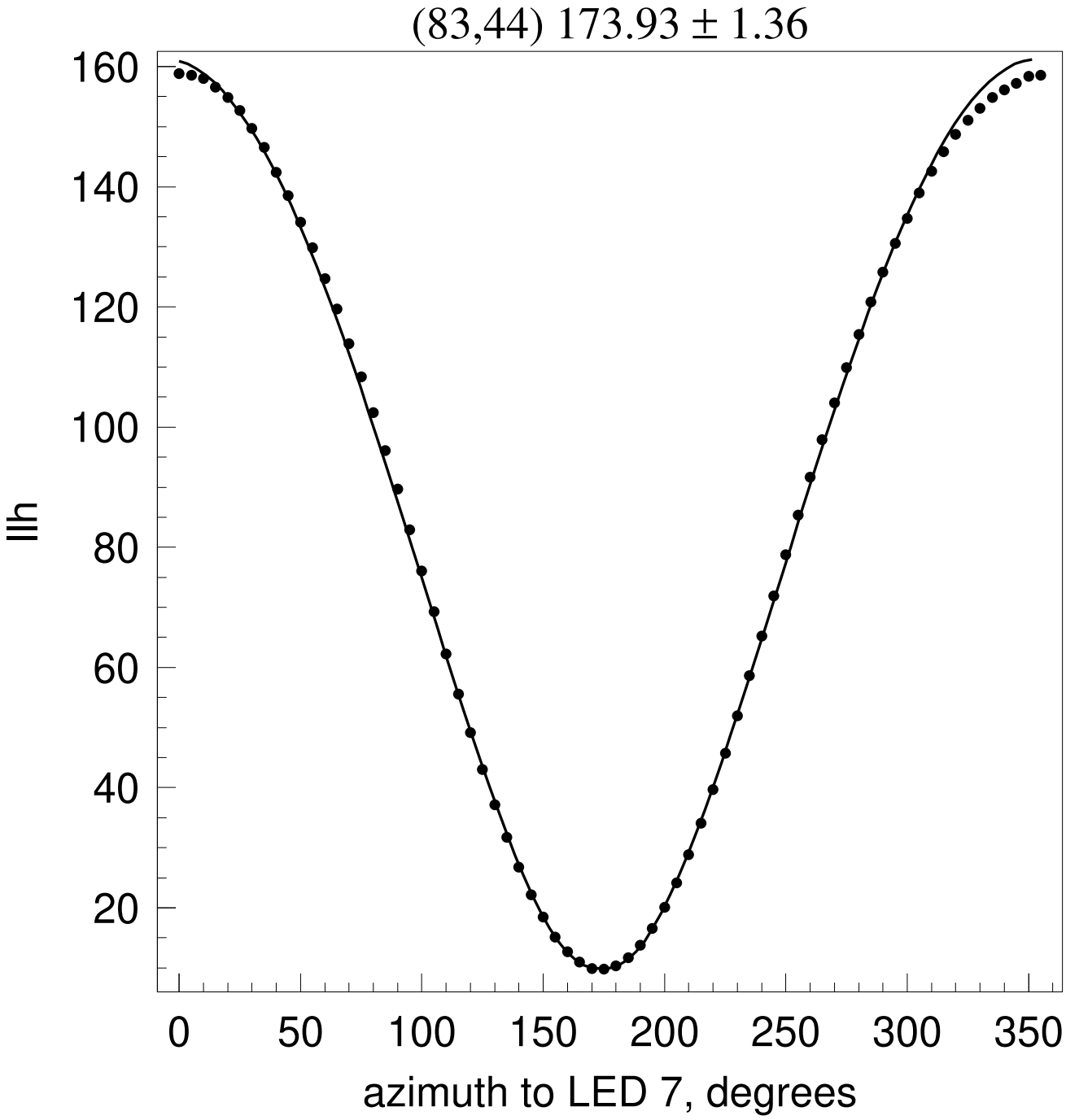

(83,39) 242.67 ± 0.31
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

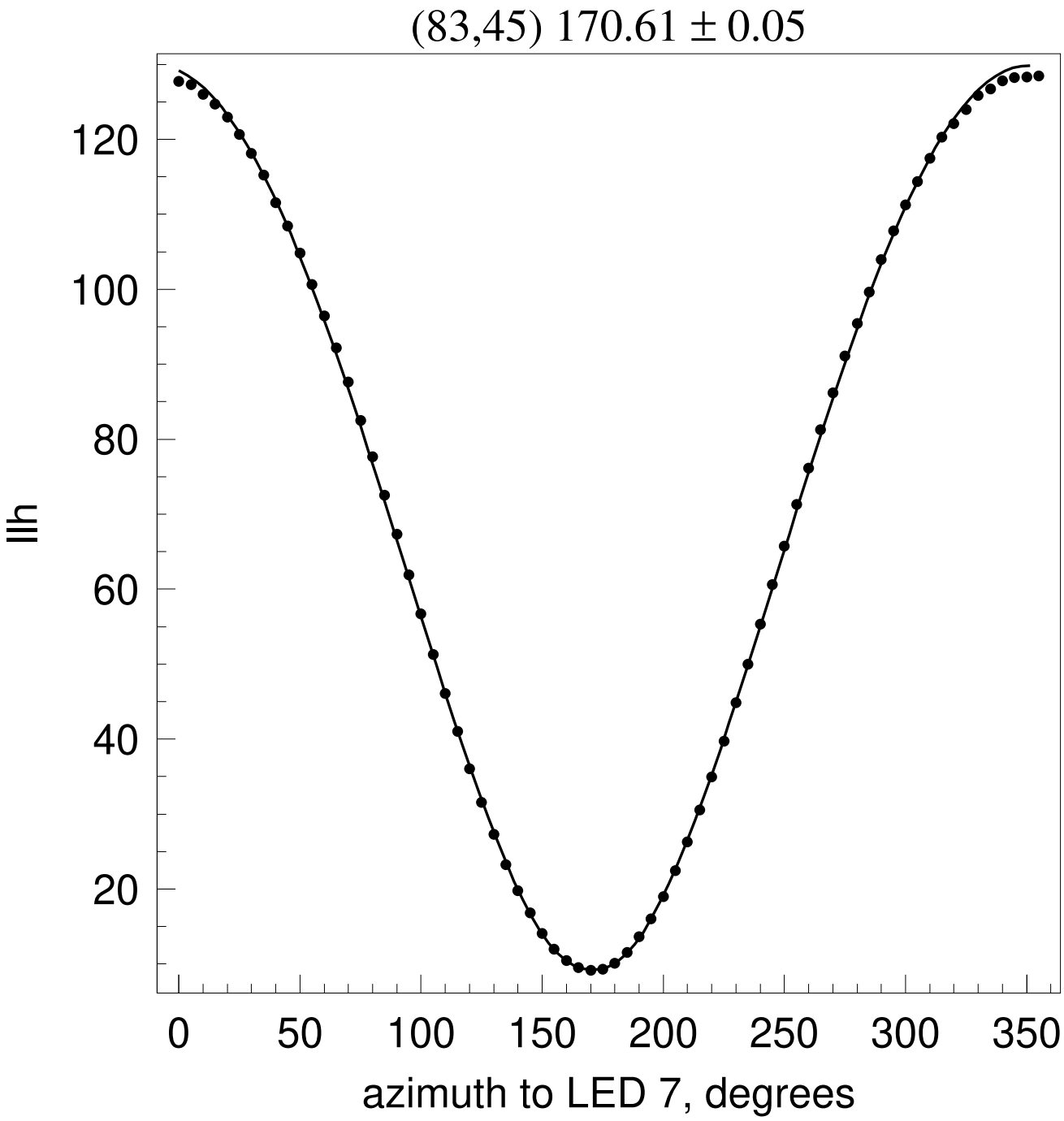

(83,40) 269.00 ± 0.14
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

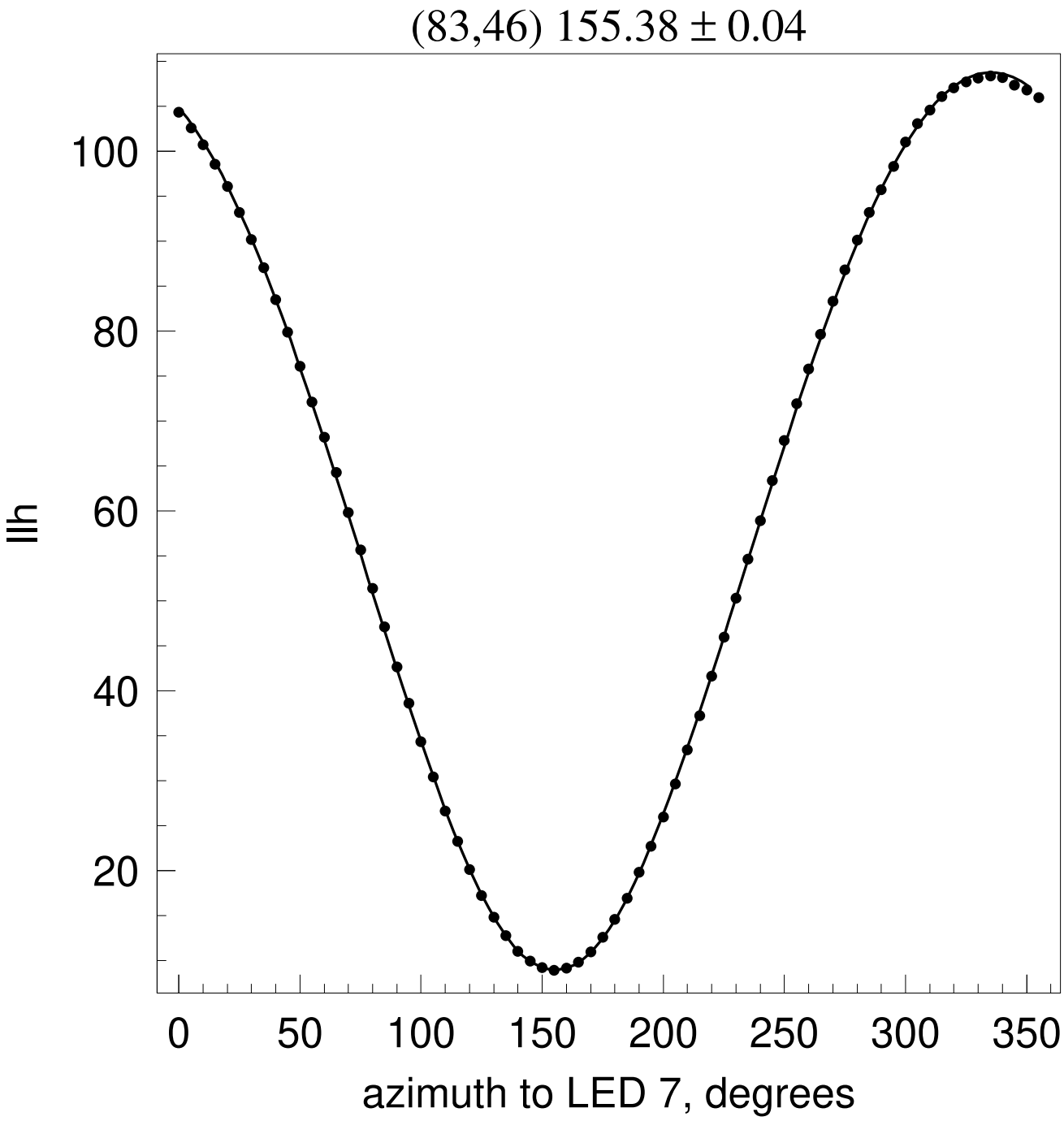

(83,41) 223.67 ± 0.18
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

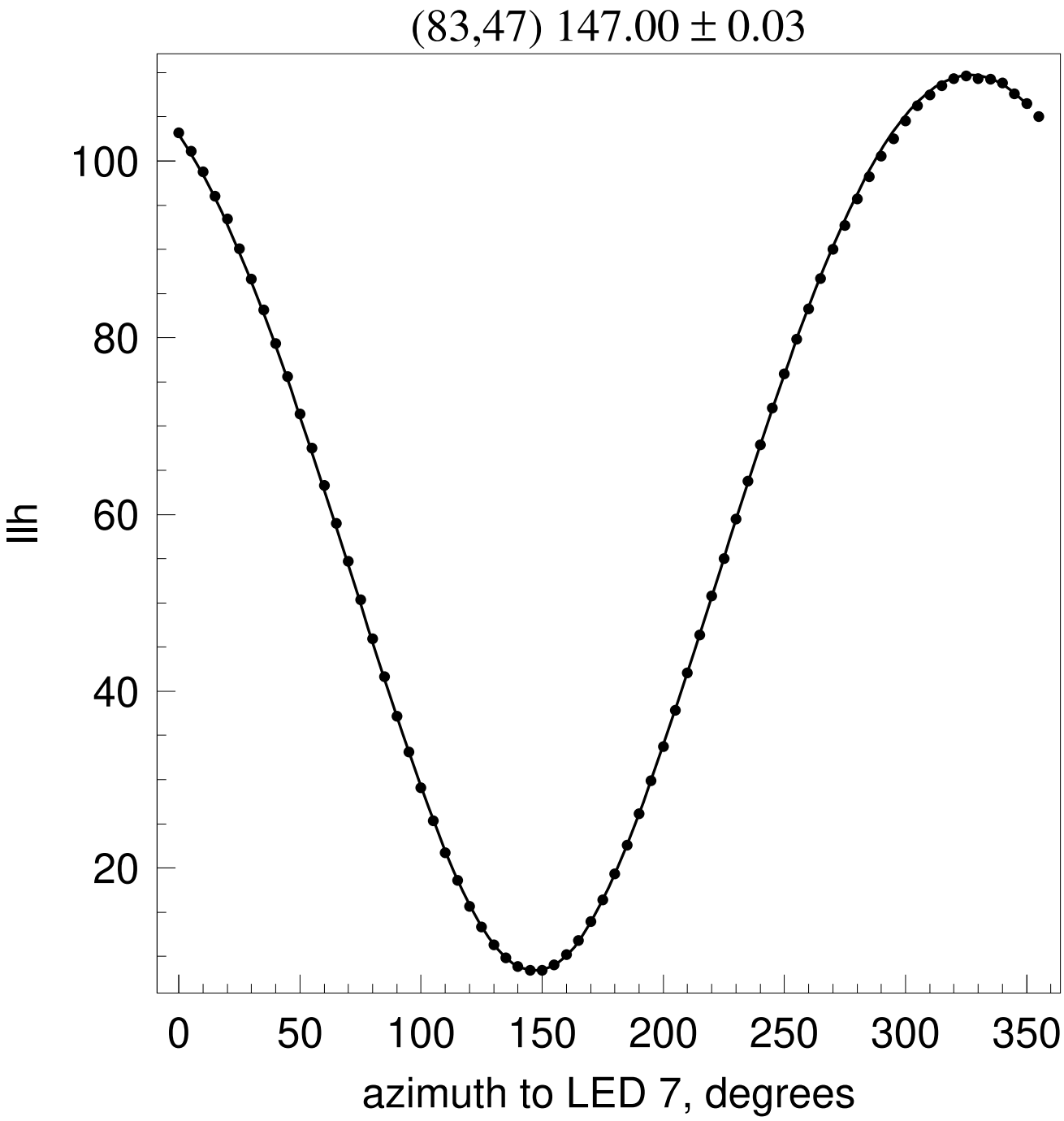

(83,42) 163.20 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

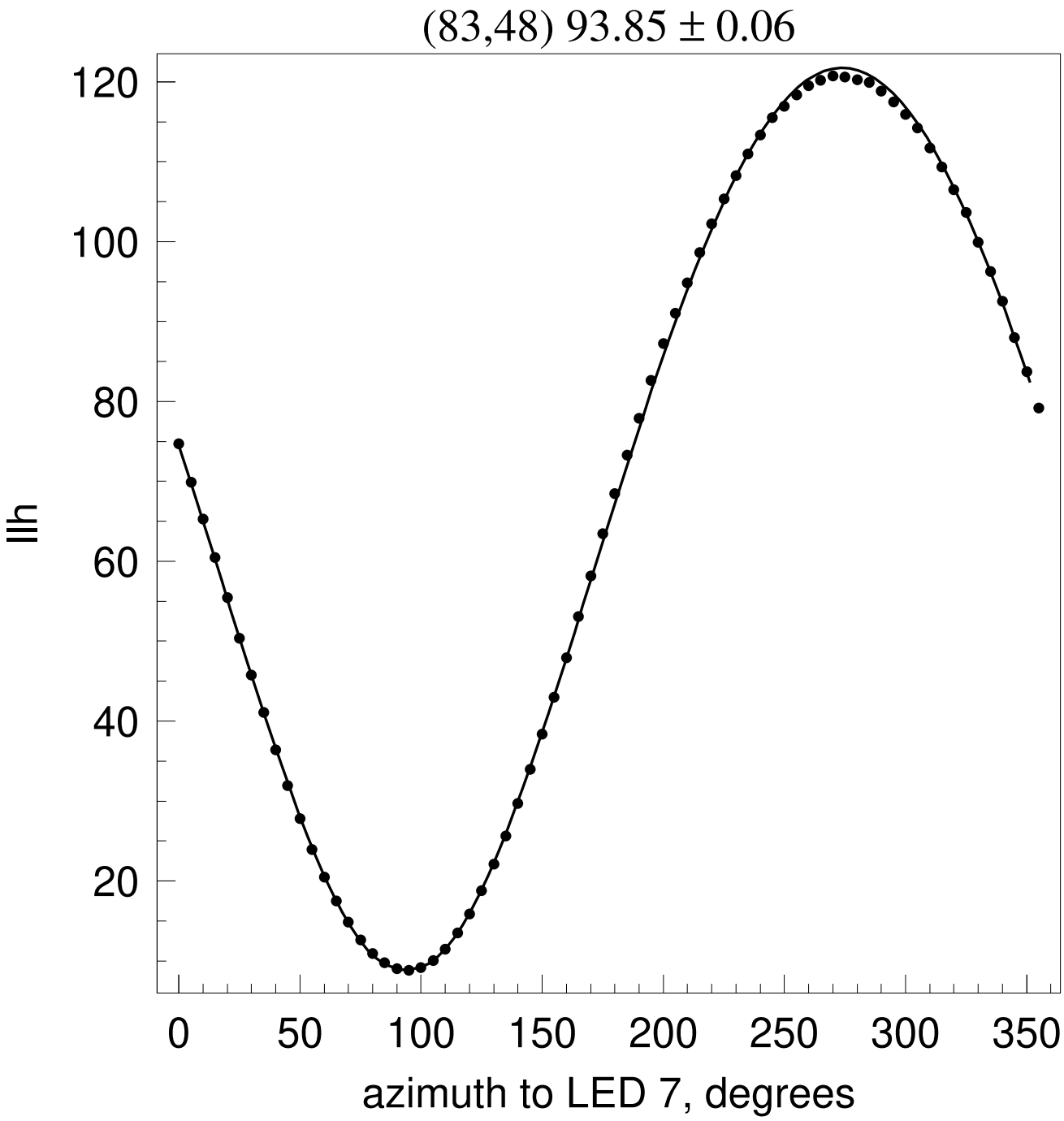

(83,43) 146.24 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

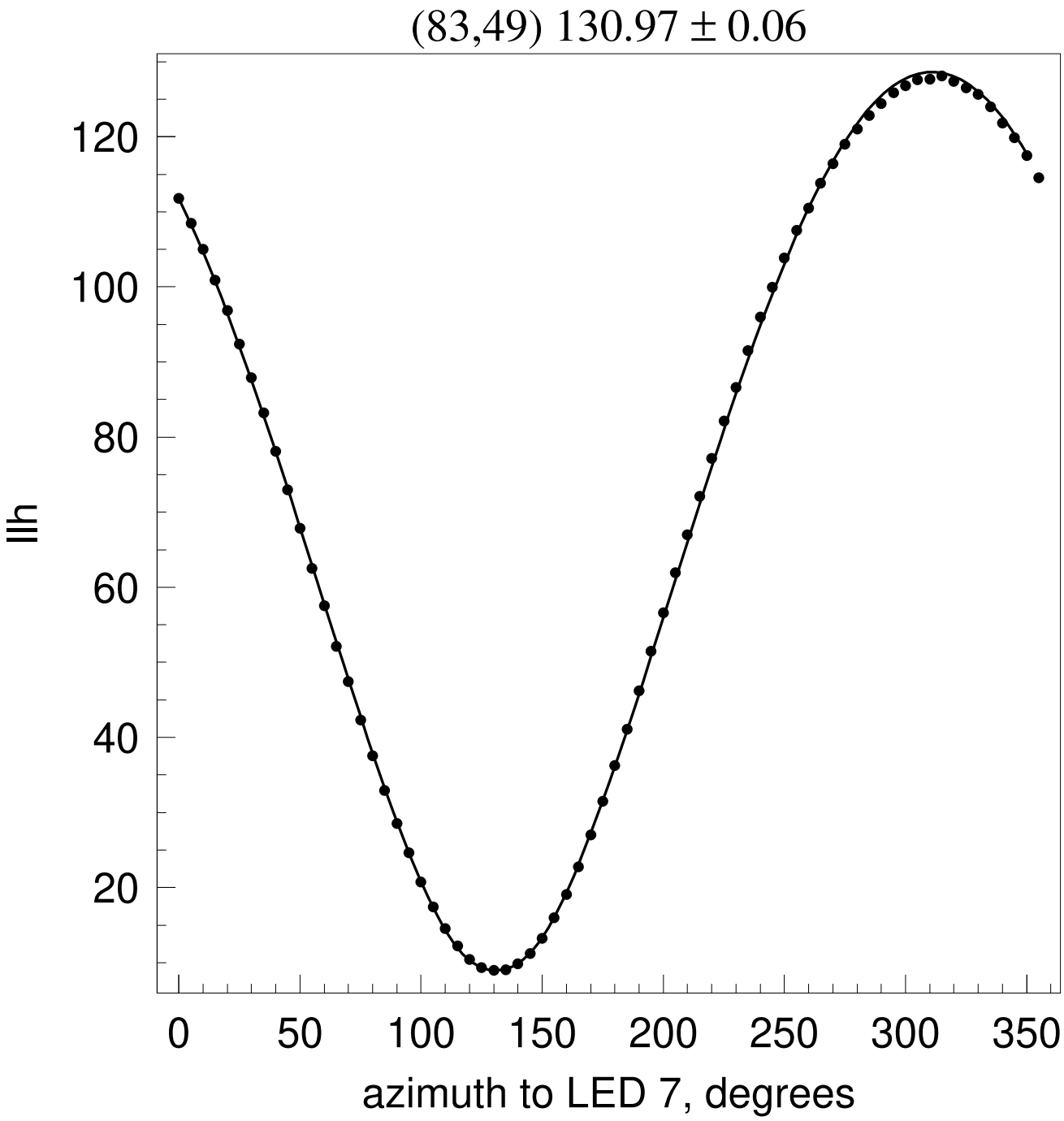

(83,44) 173.93 ± 1.36
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

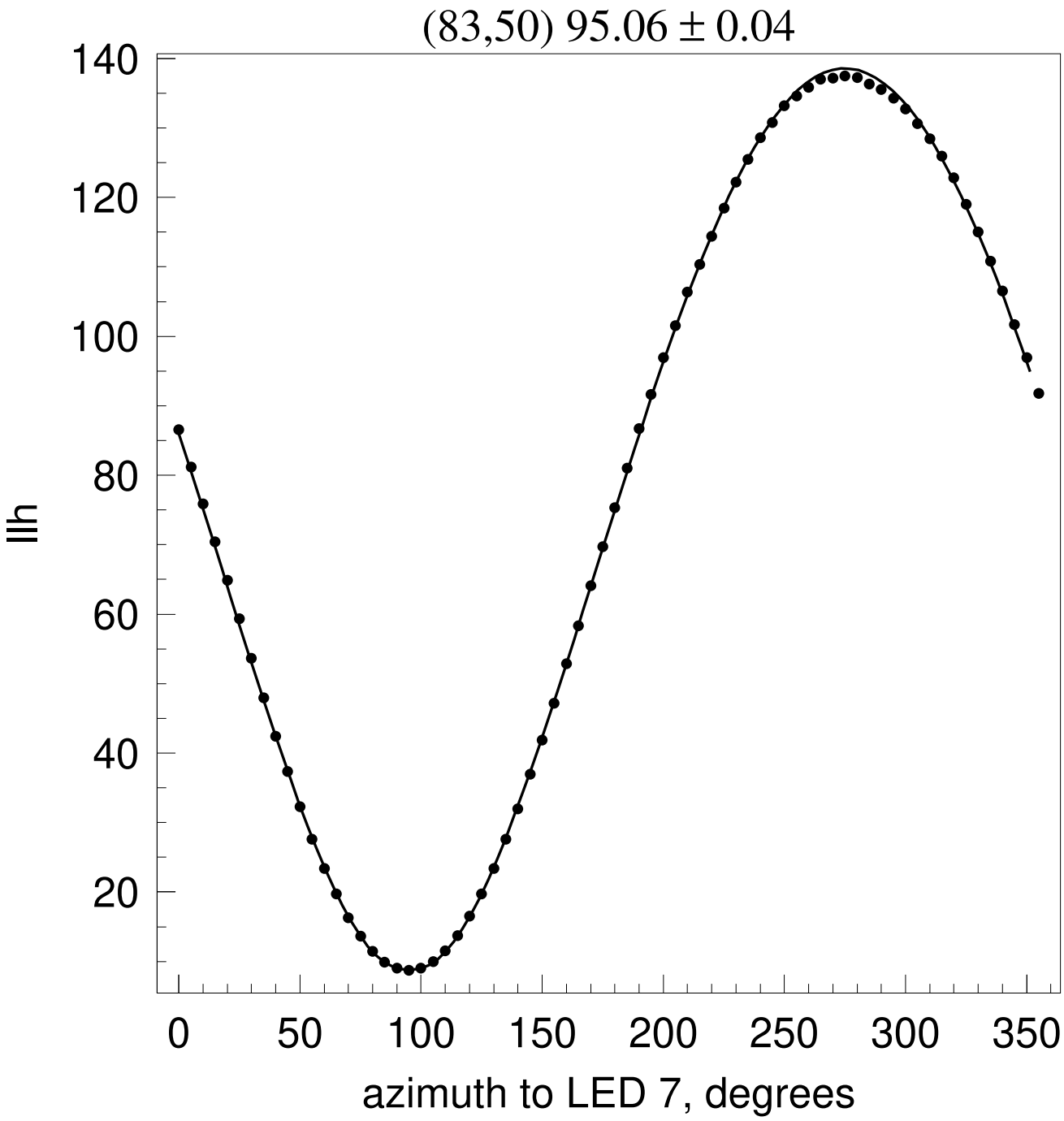

(83,45) 170.61 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

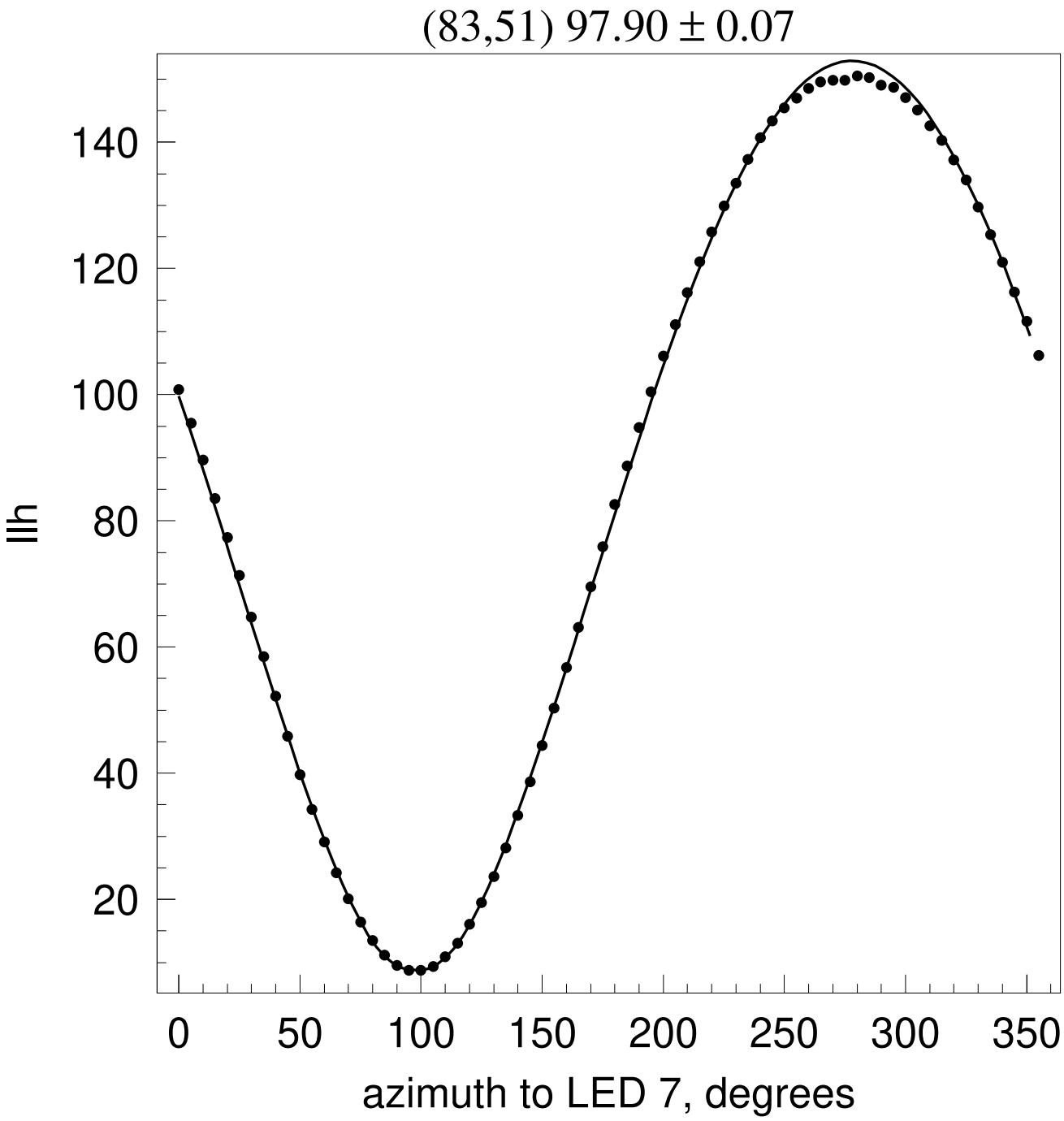

(83,46) 155.38 ± 0.04
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

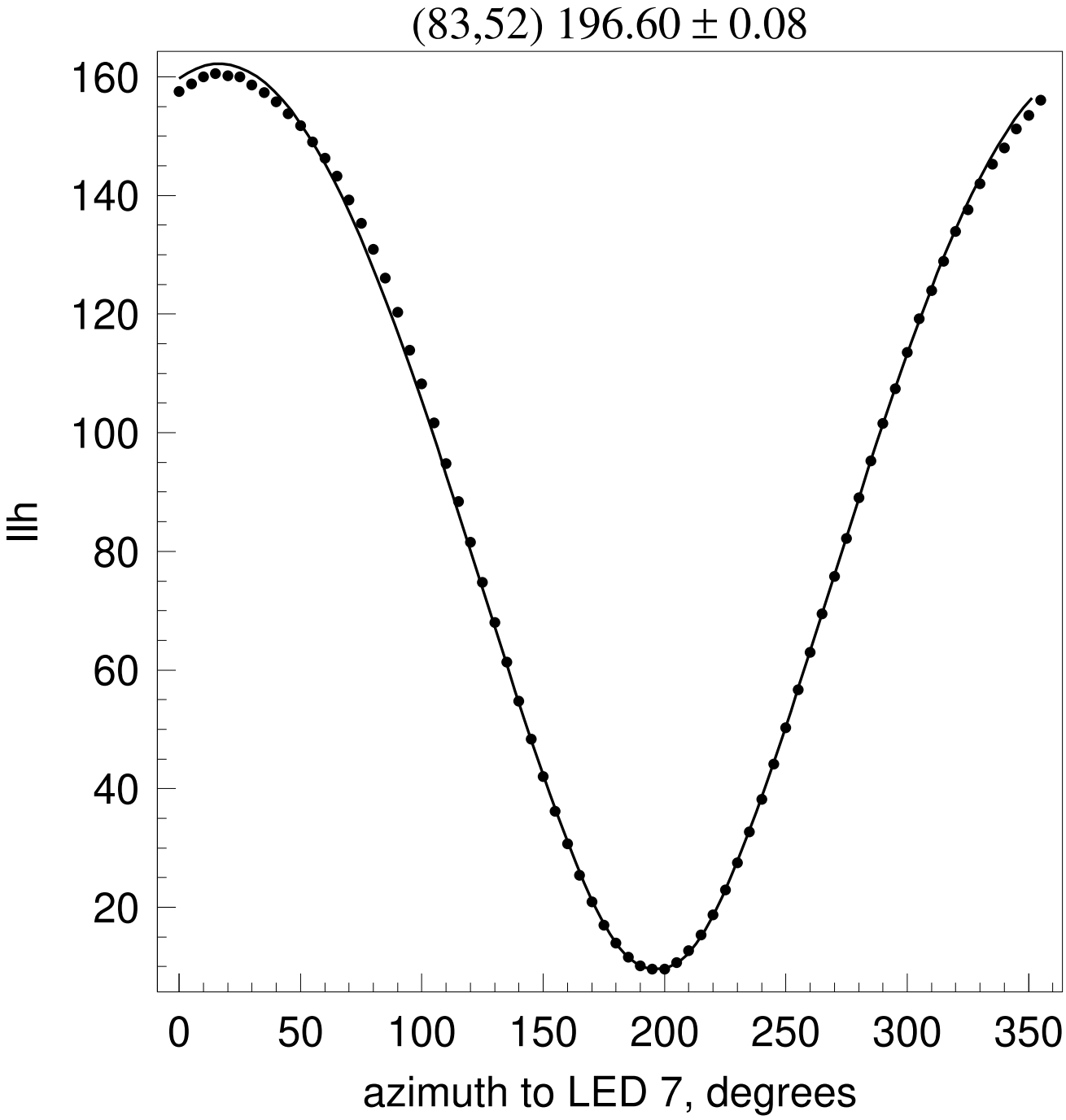

(83,47) 147.00 ± 0.03
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

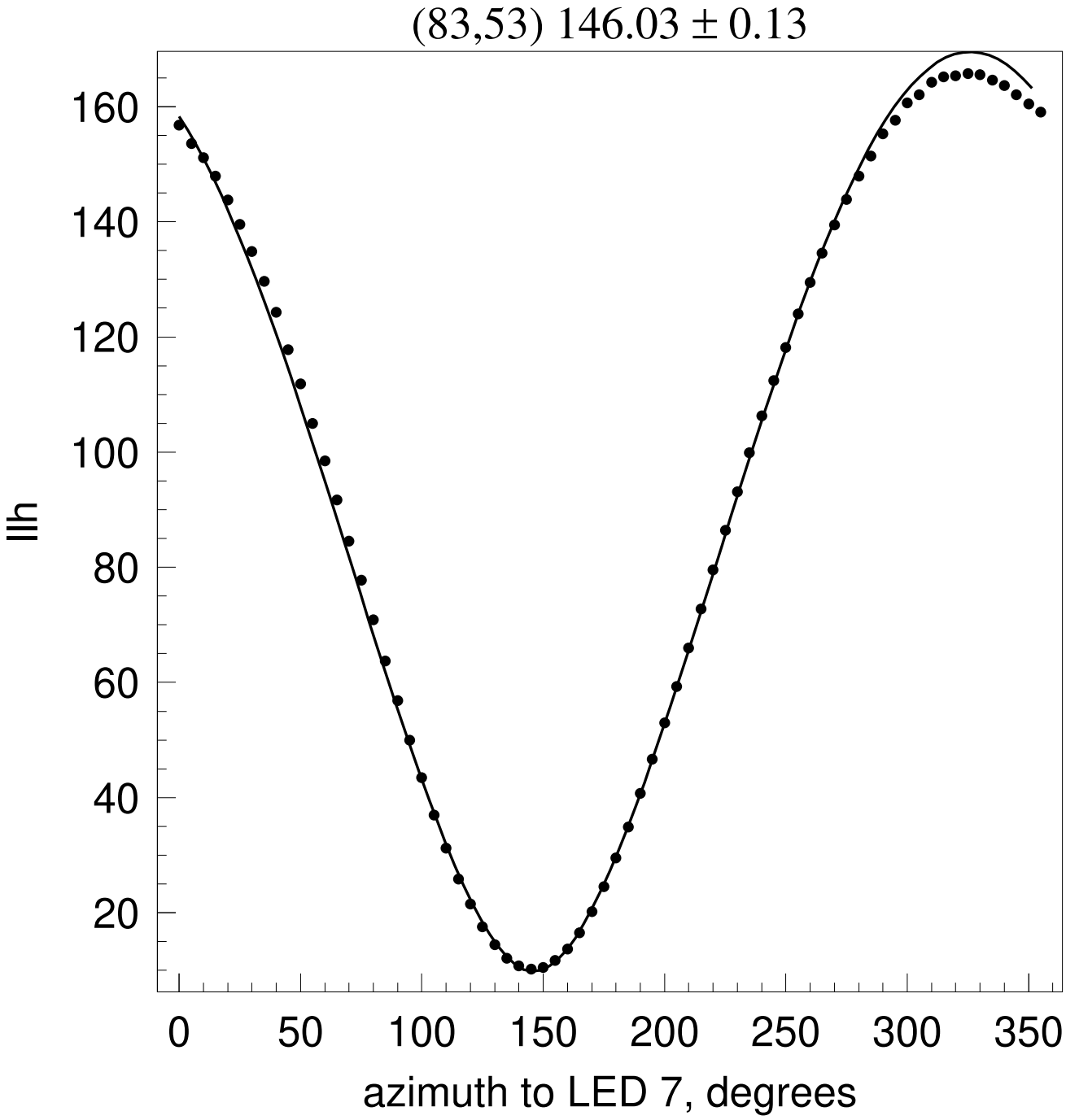

(83,48) 93.85 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

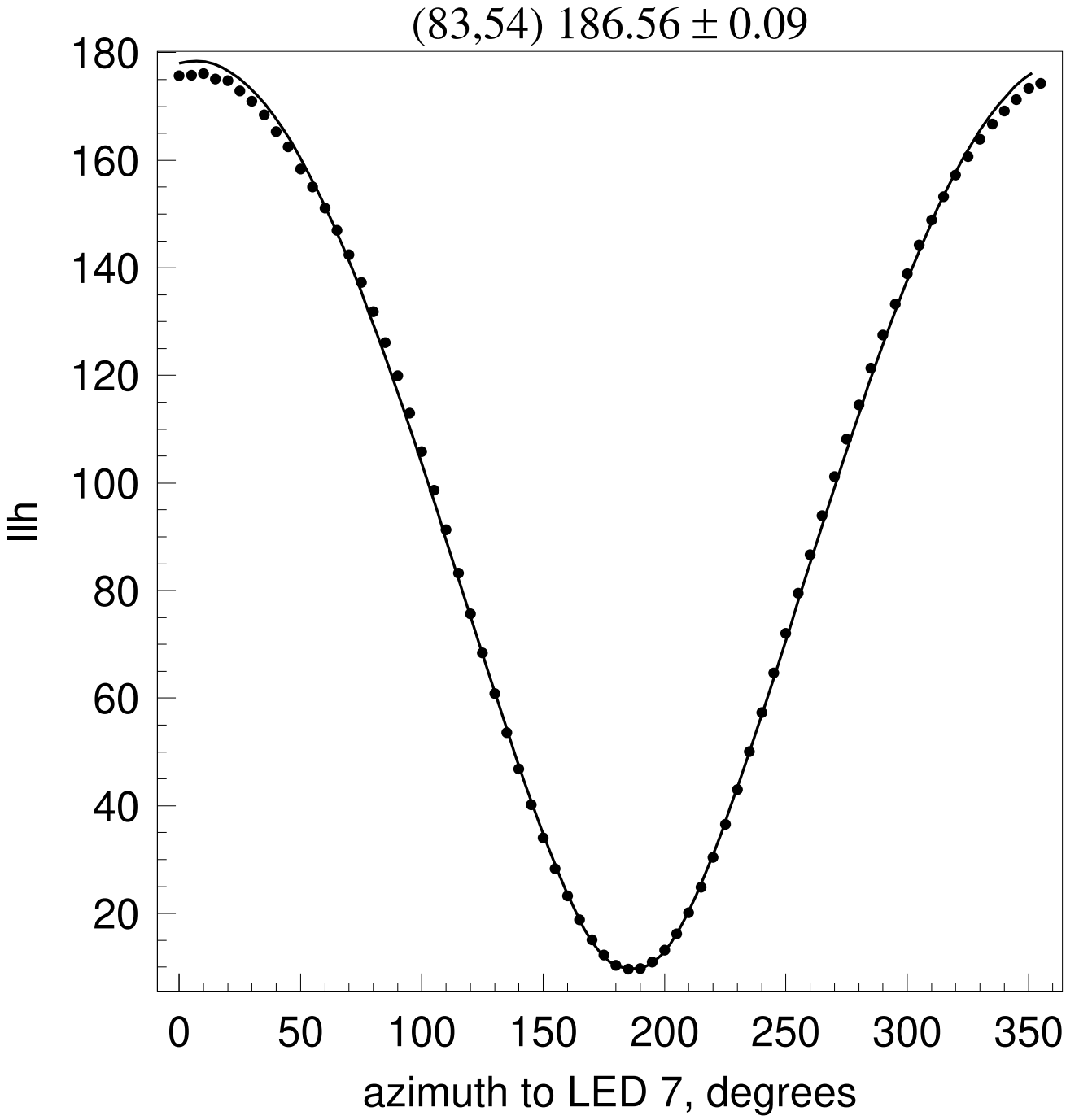

(83,49) 130.97 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

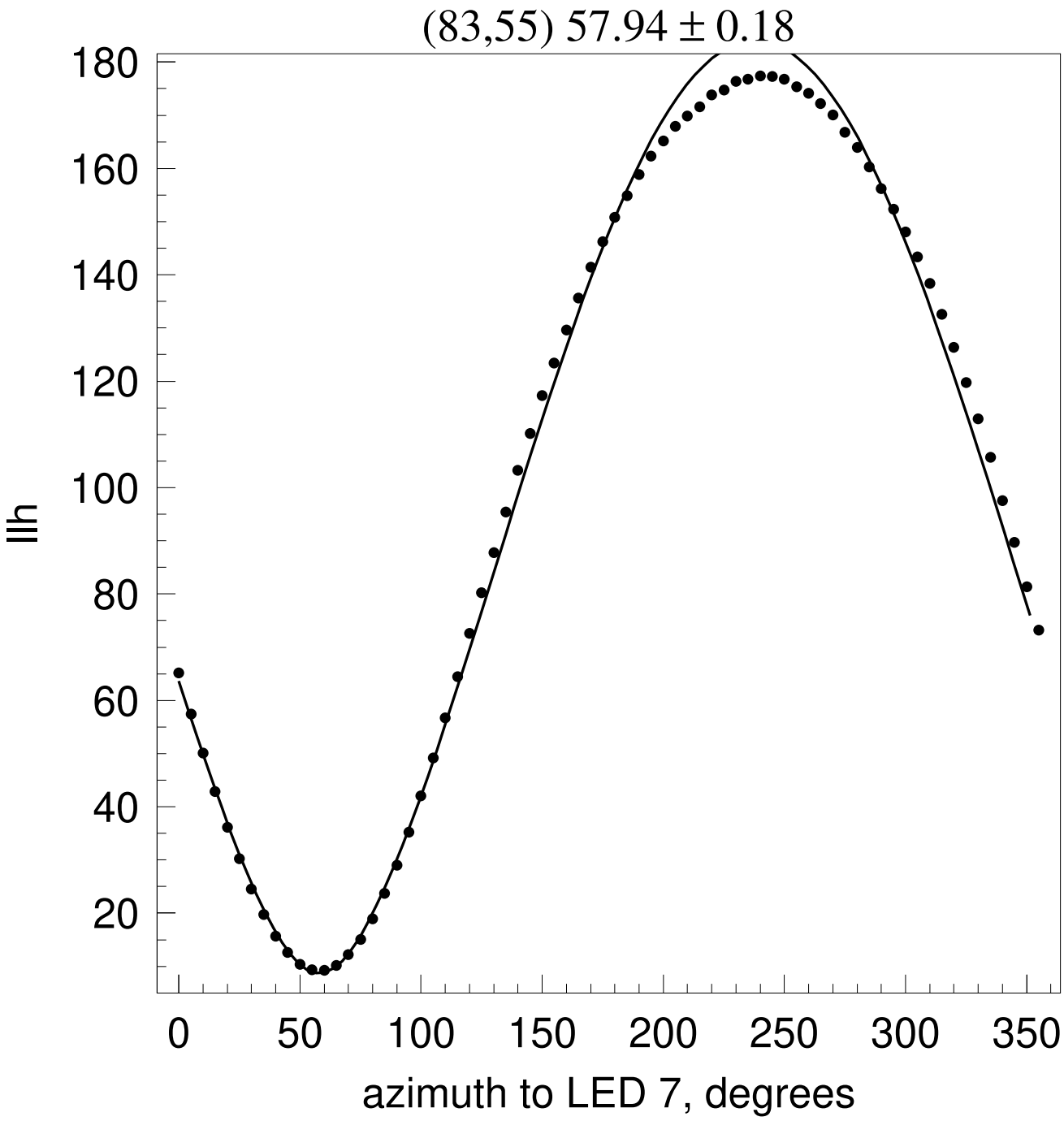

(83,50) 95.06 ± 0.04
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

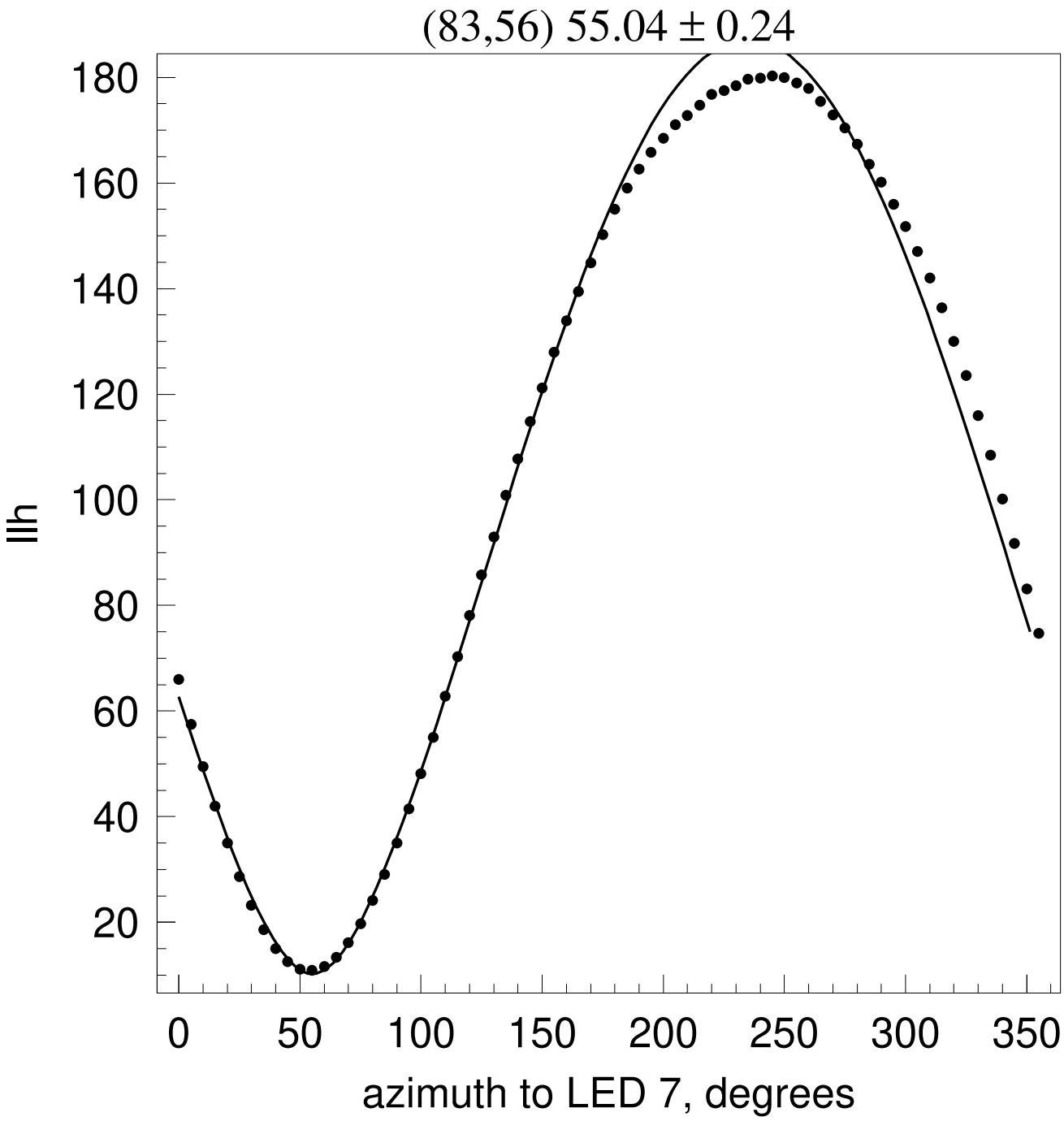

(83,51) 97.90 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

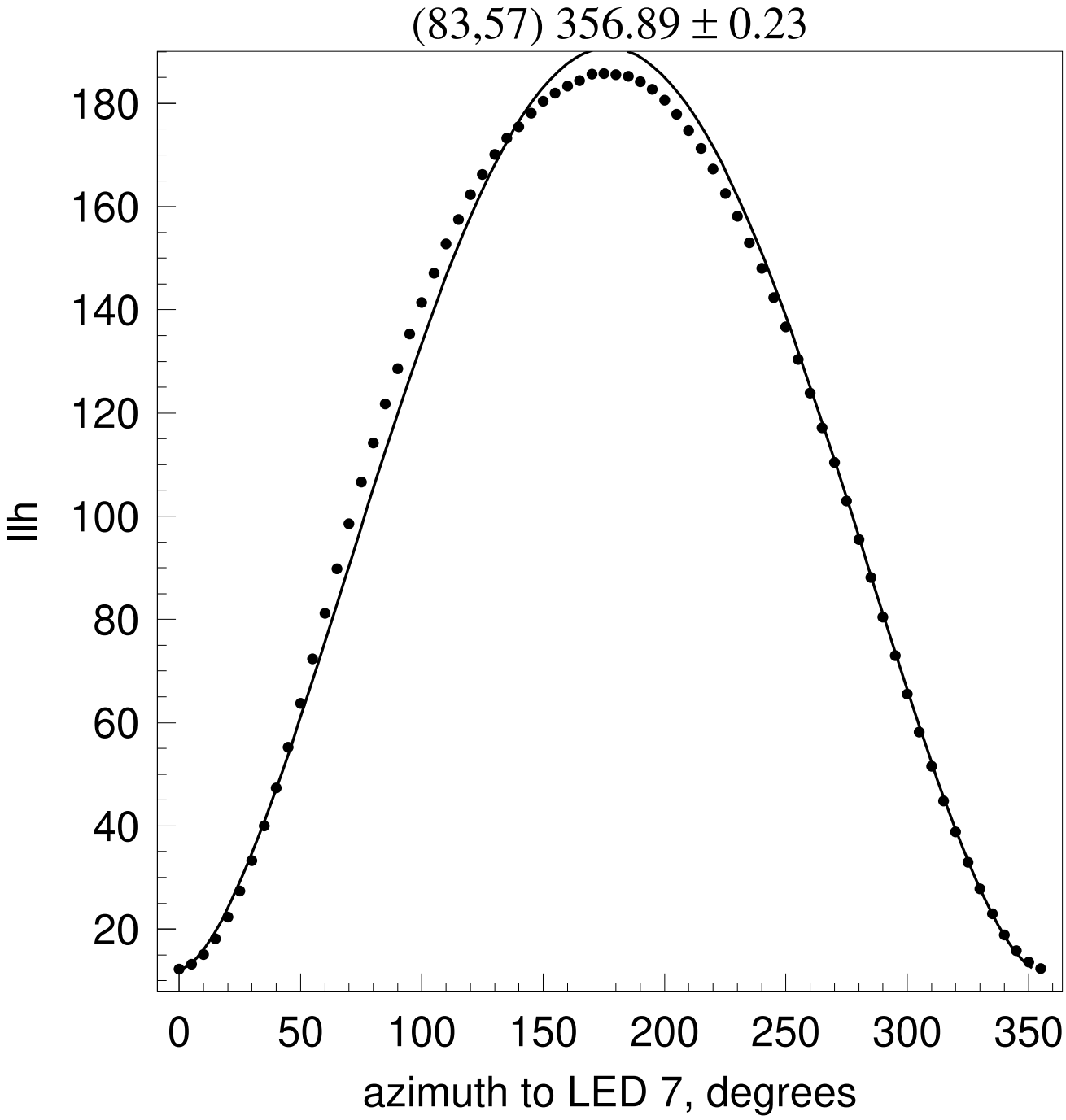

(83,52) 196.60 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

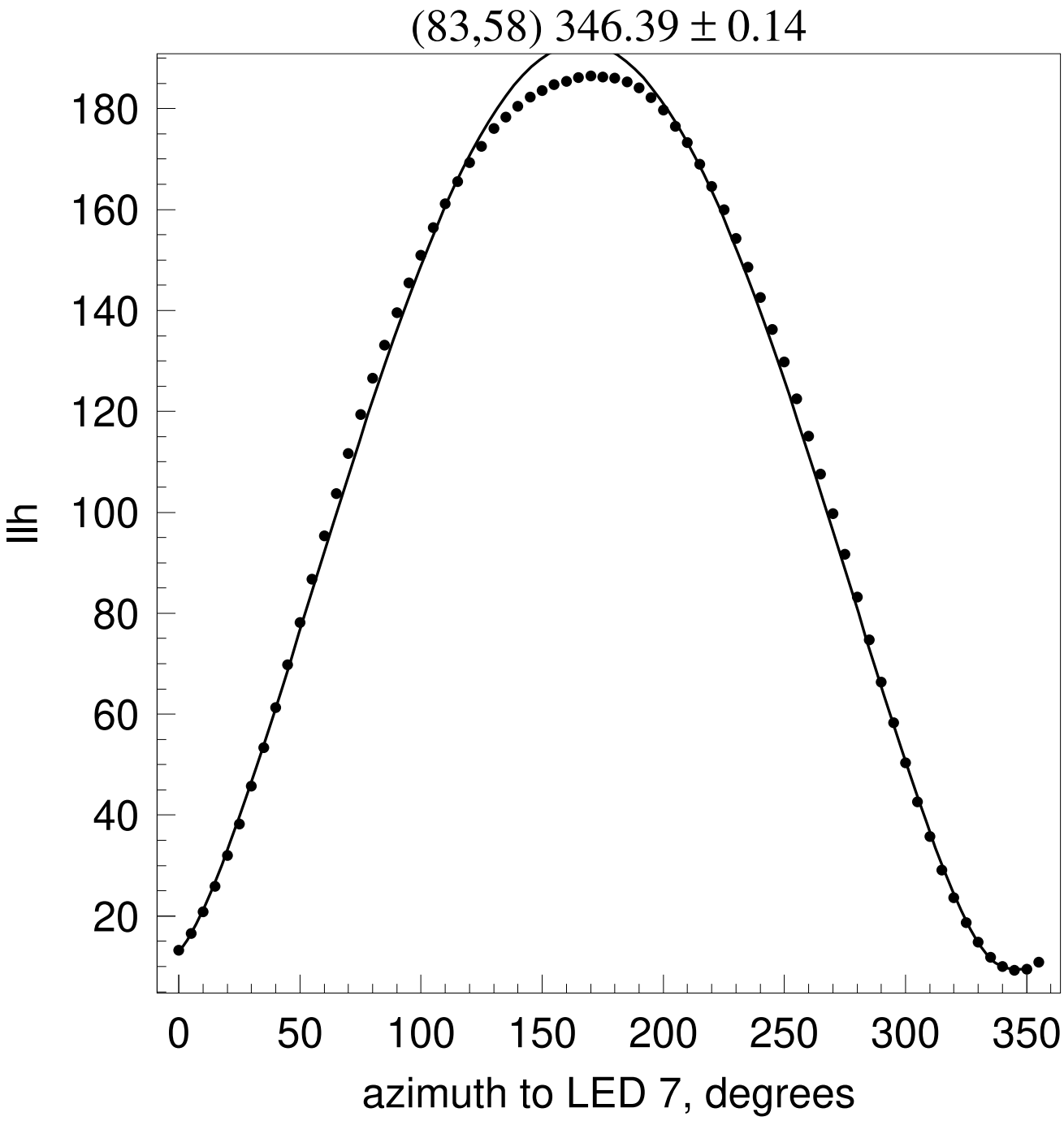

(83,53) 146.03 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

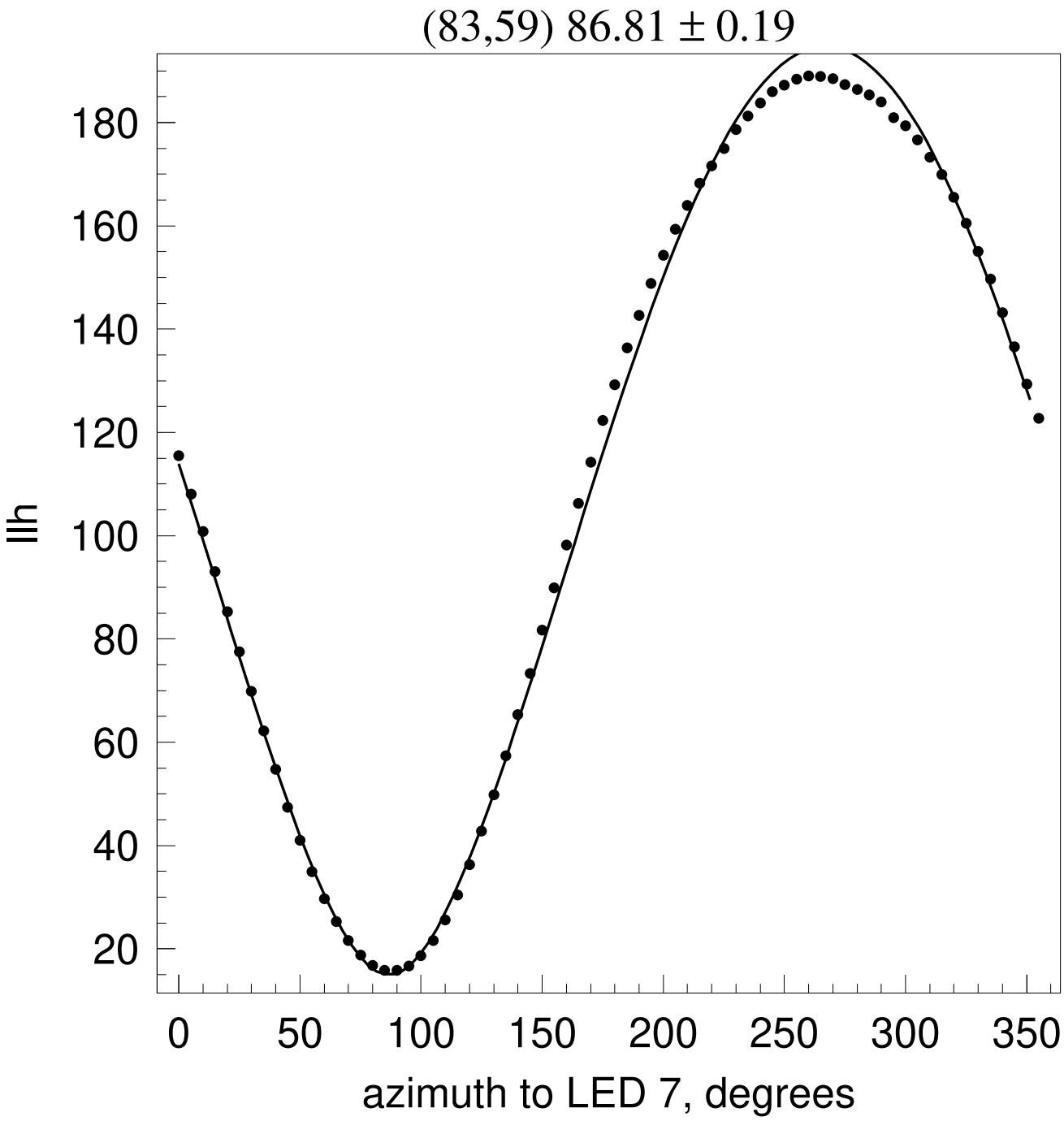

(83,54) 186.56 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

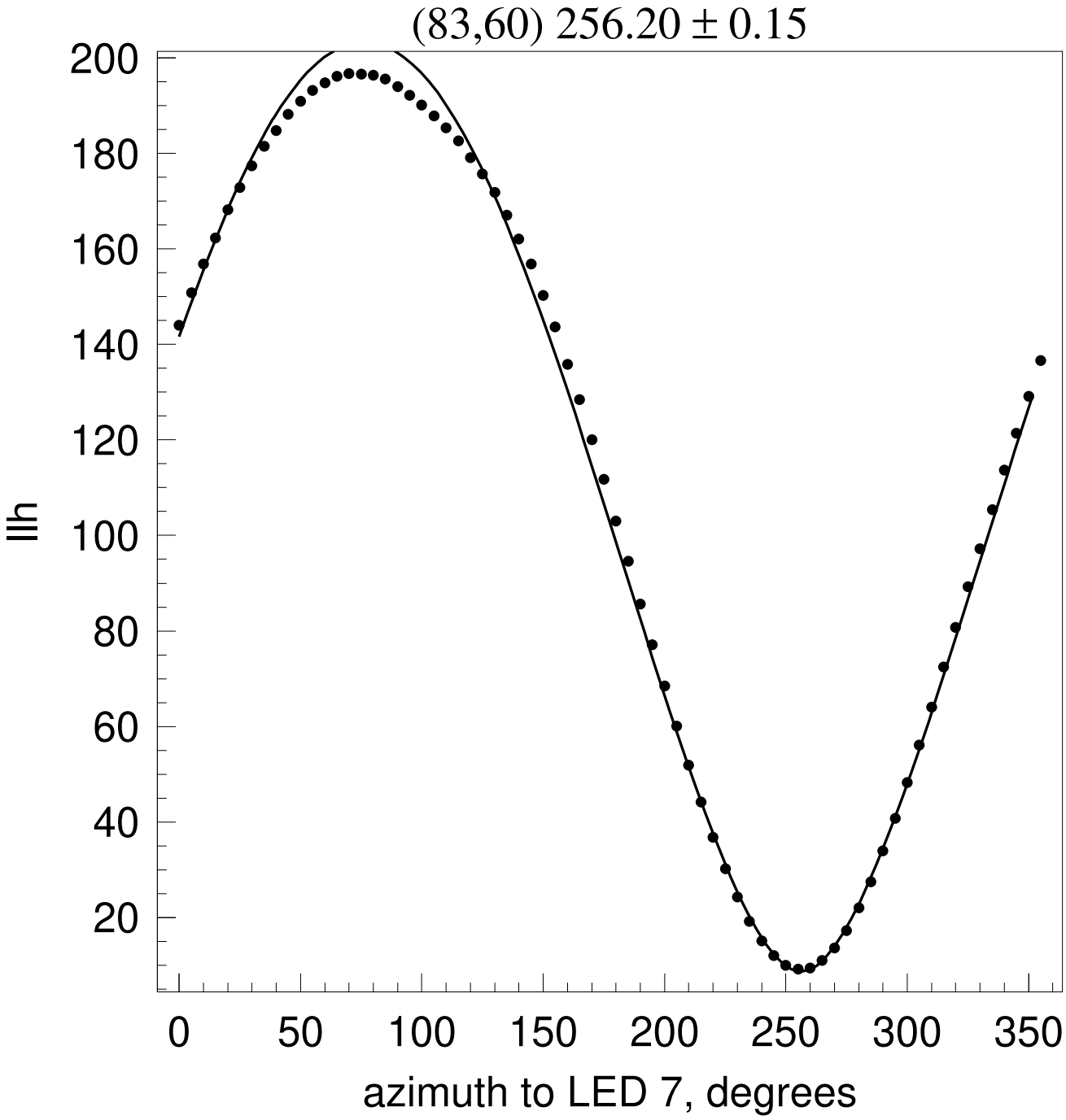

(83,55) 57.94 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

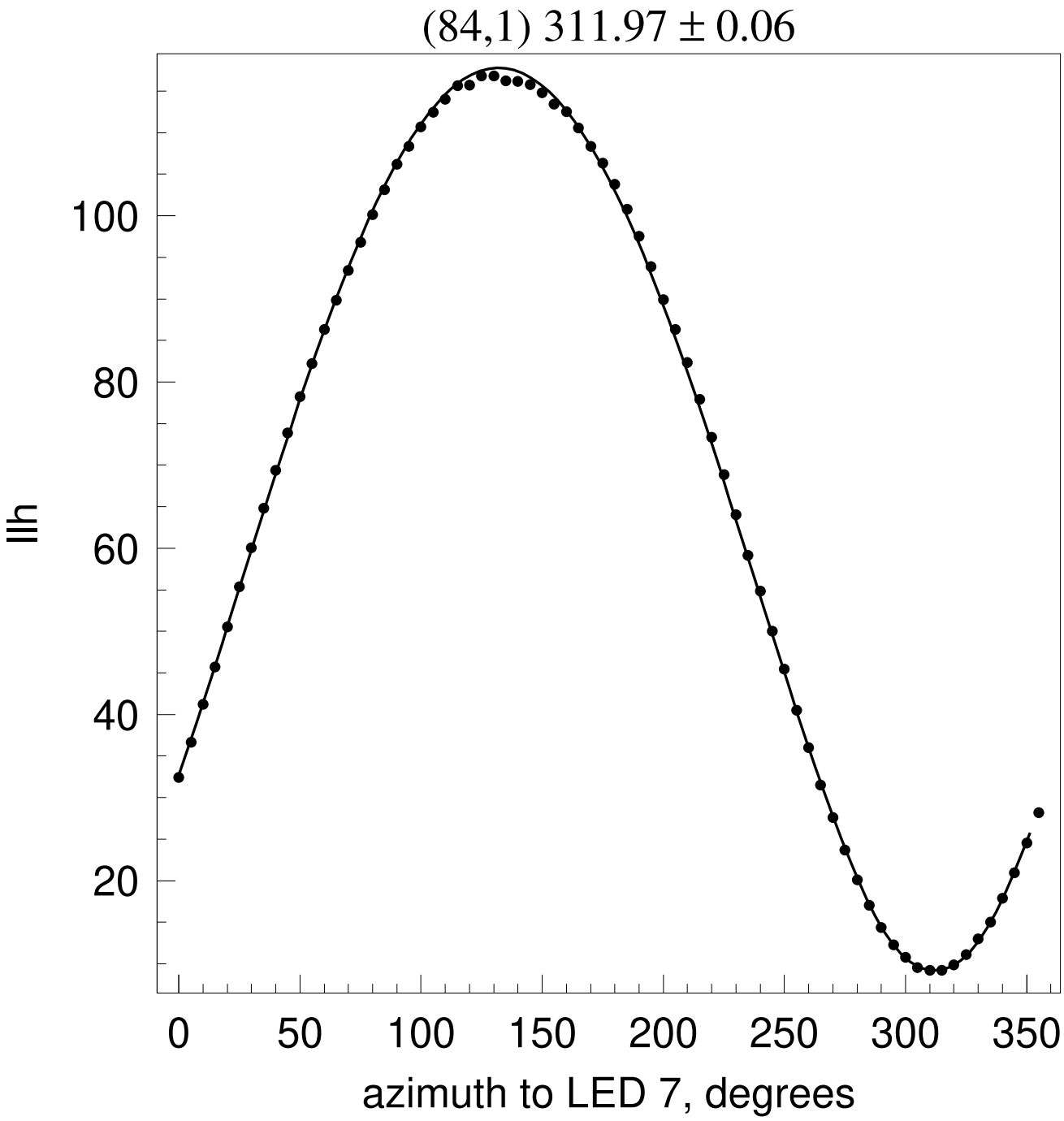

(83,56) 55.04 ± 0.24
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

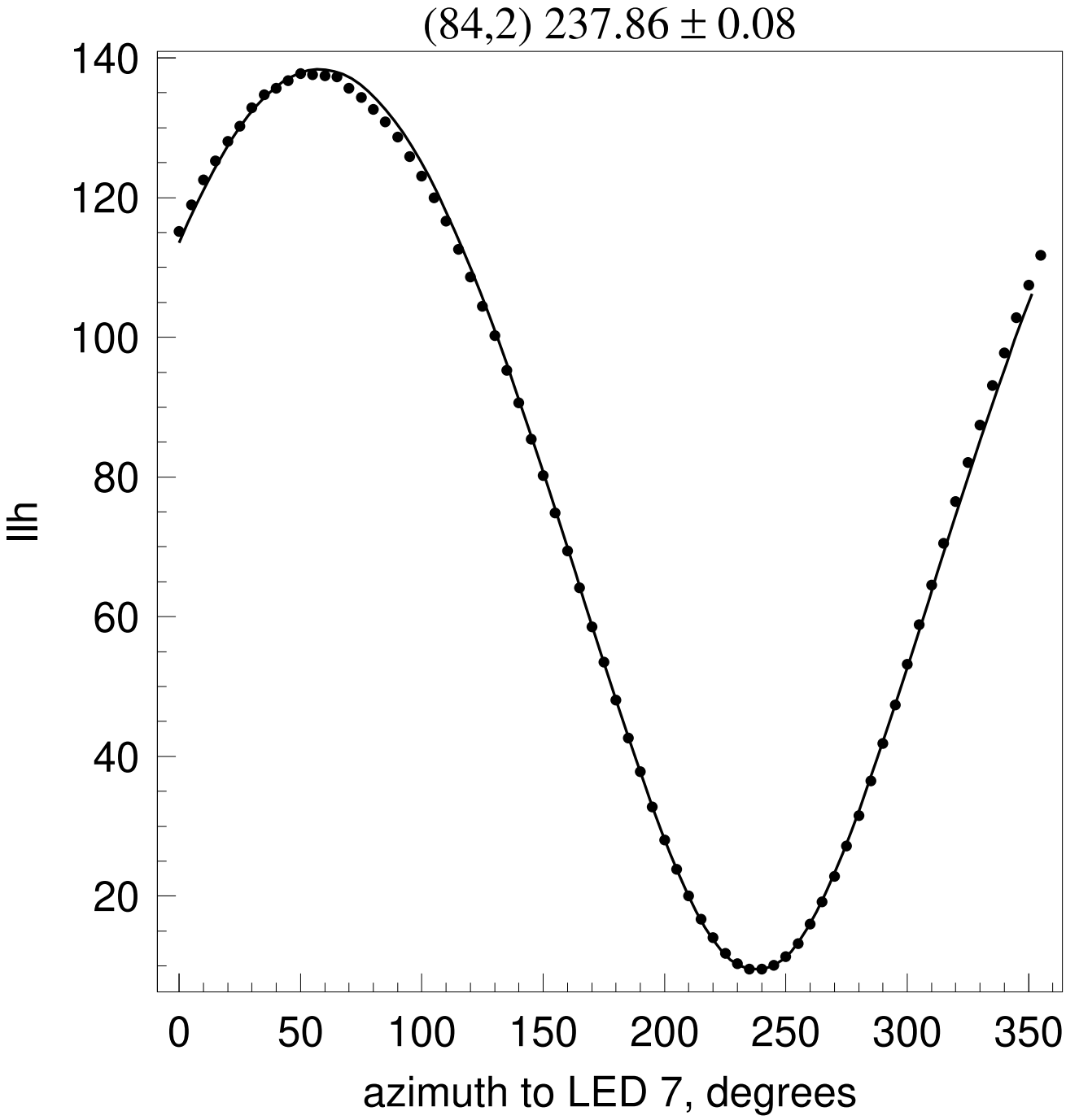

(83,57) 356.89 ± 0.23
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

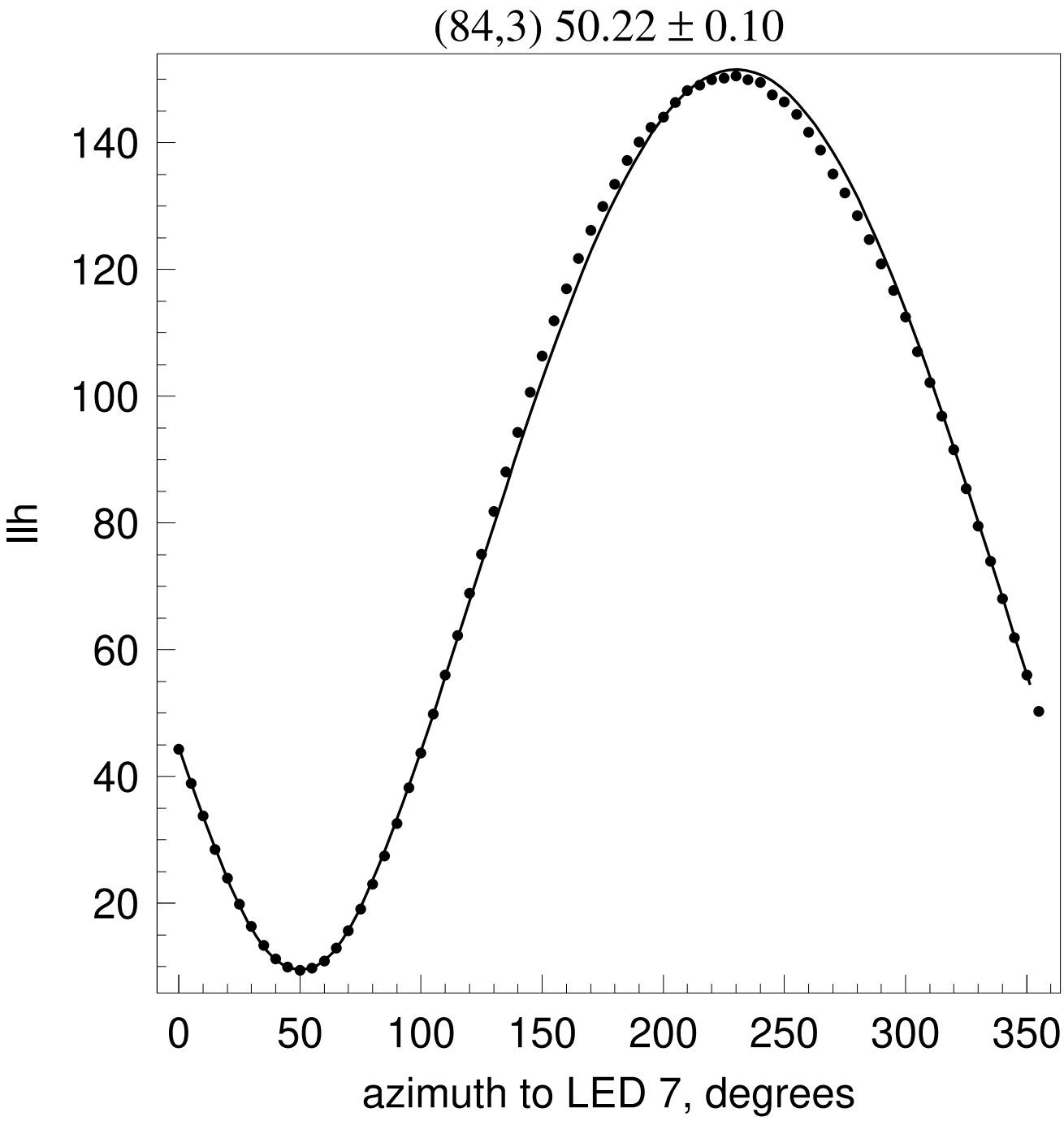

(83,58) 346.39 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

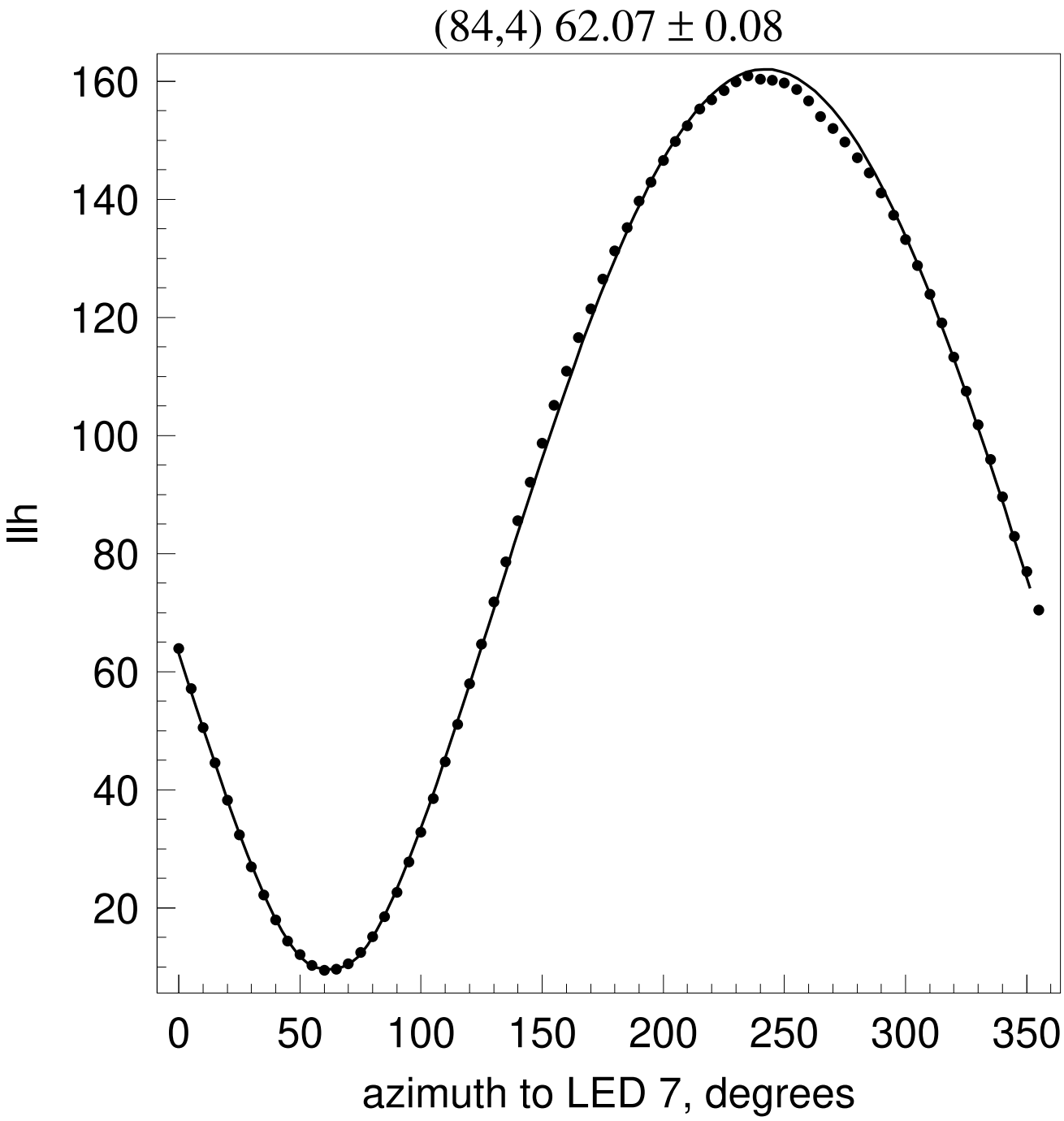

(83,59) 86.81 ± 0.19
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

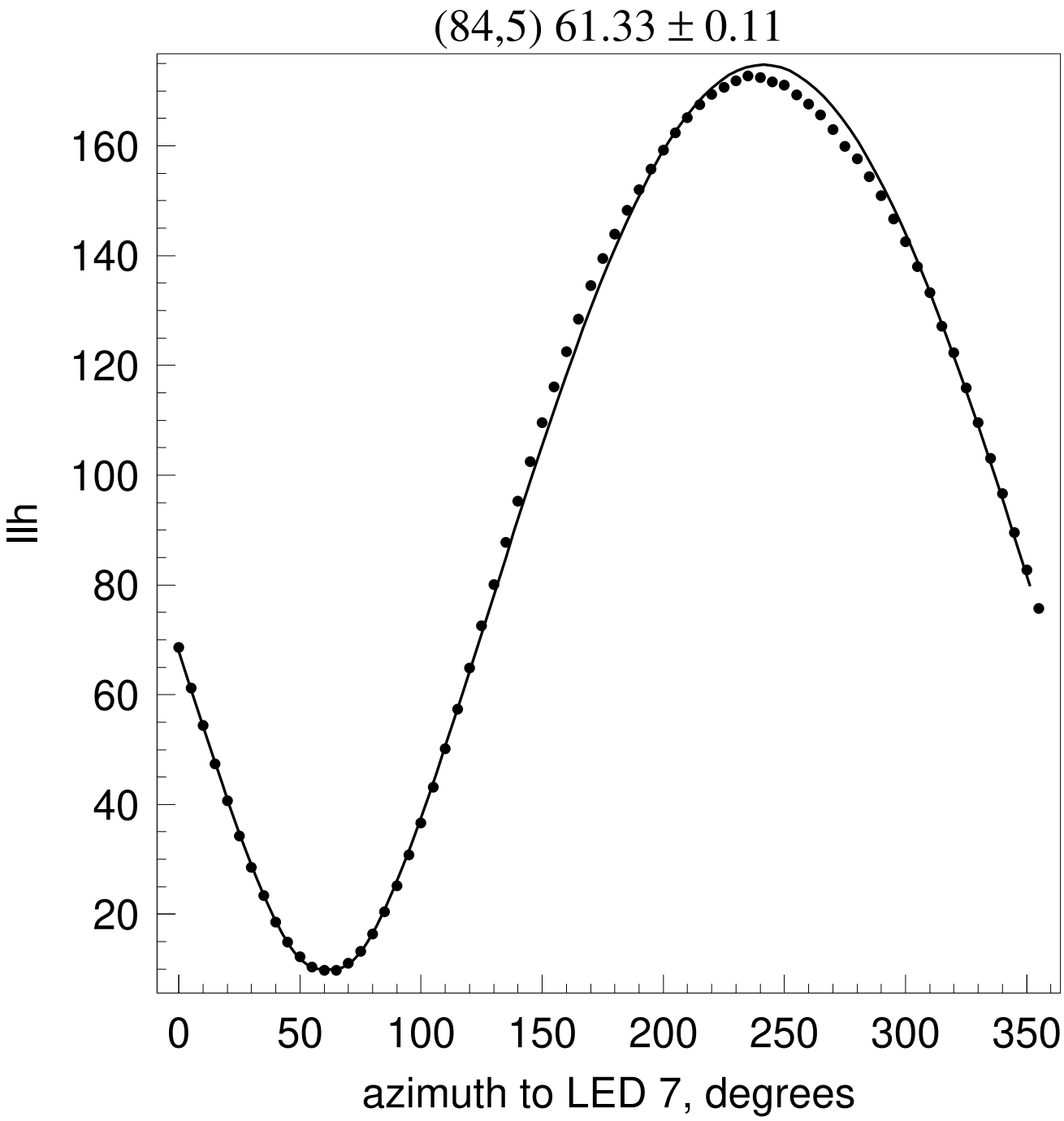

(83,60) 256.20 ± 0.15
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

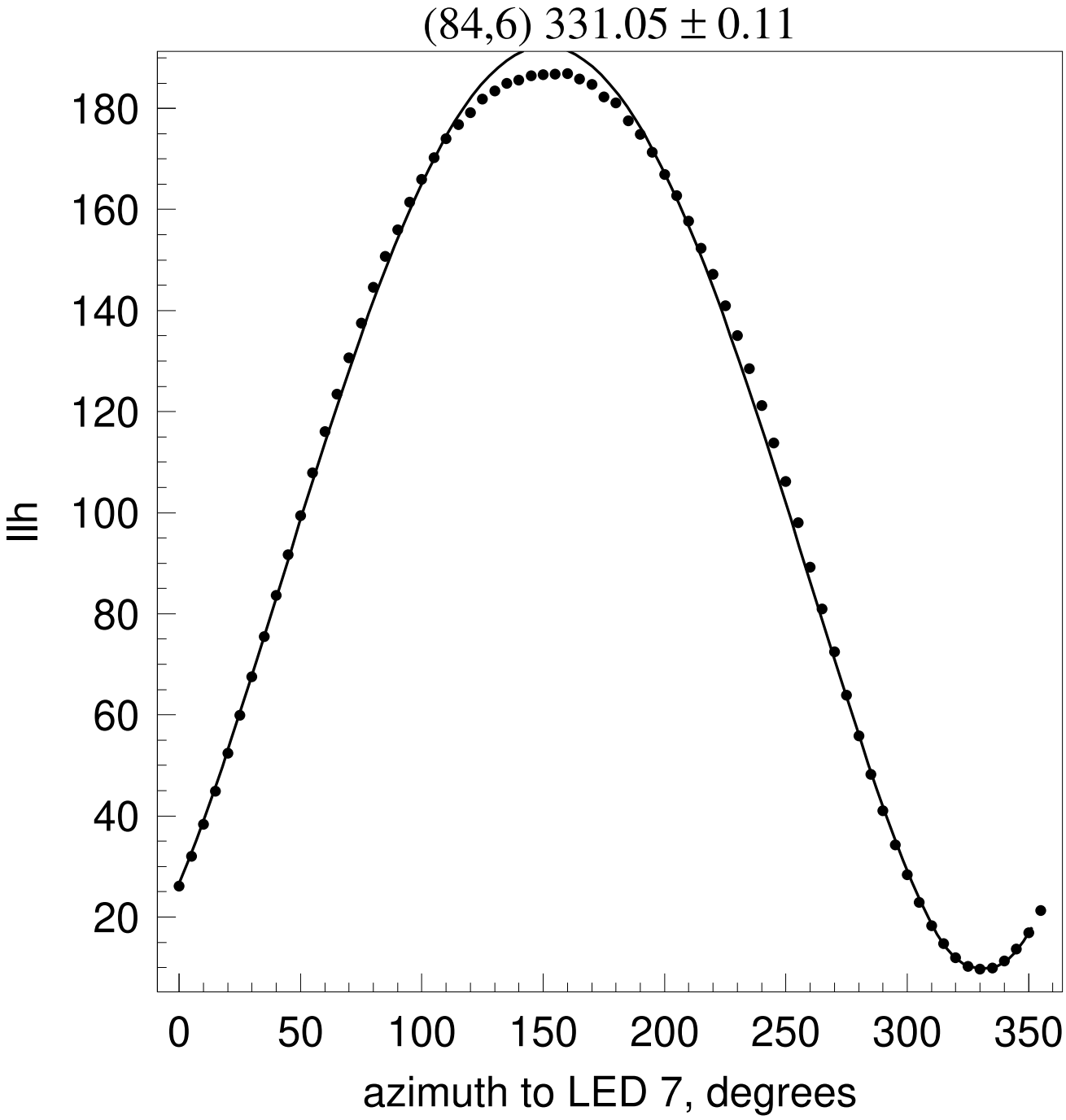

(84,1) 311.97 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

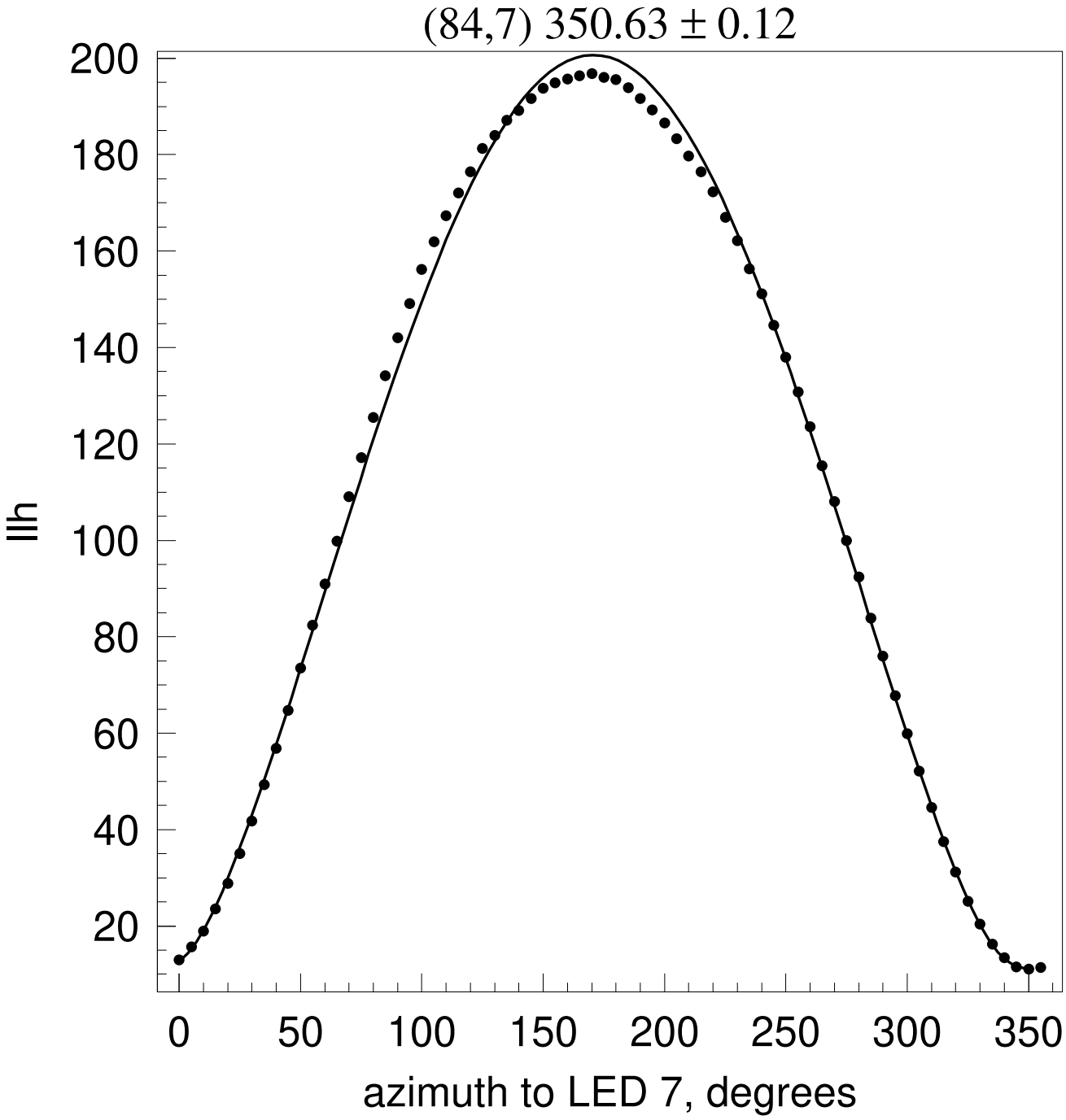

(84,2) 237.86 ± 0.08
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

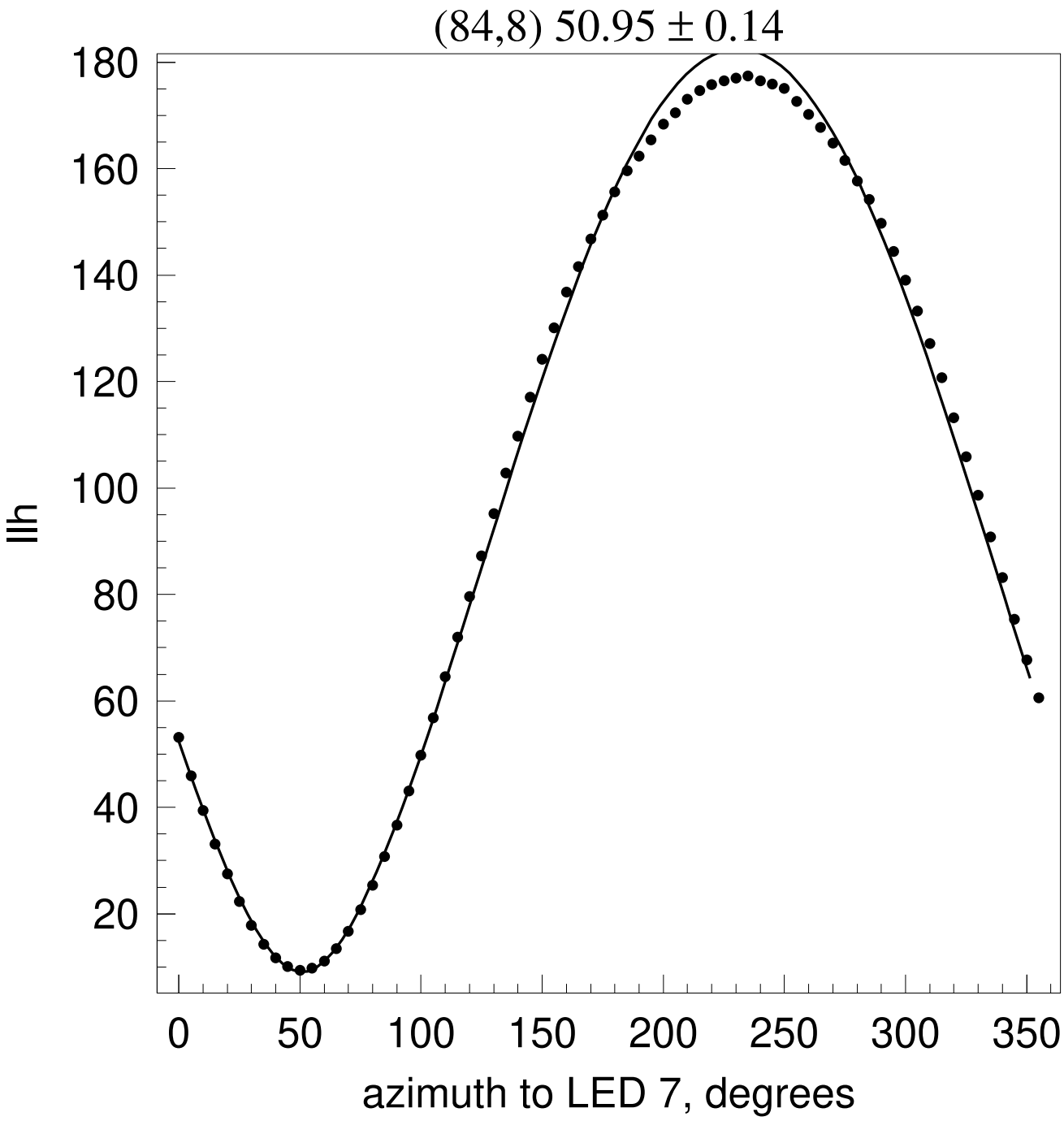

(84,3) 50.22 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

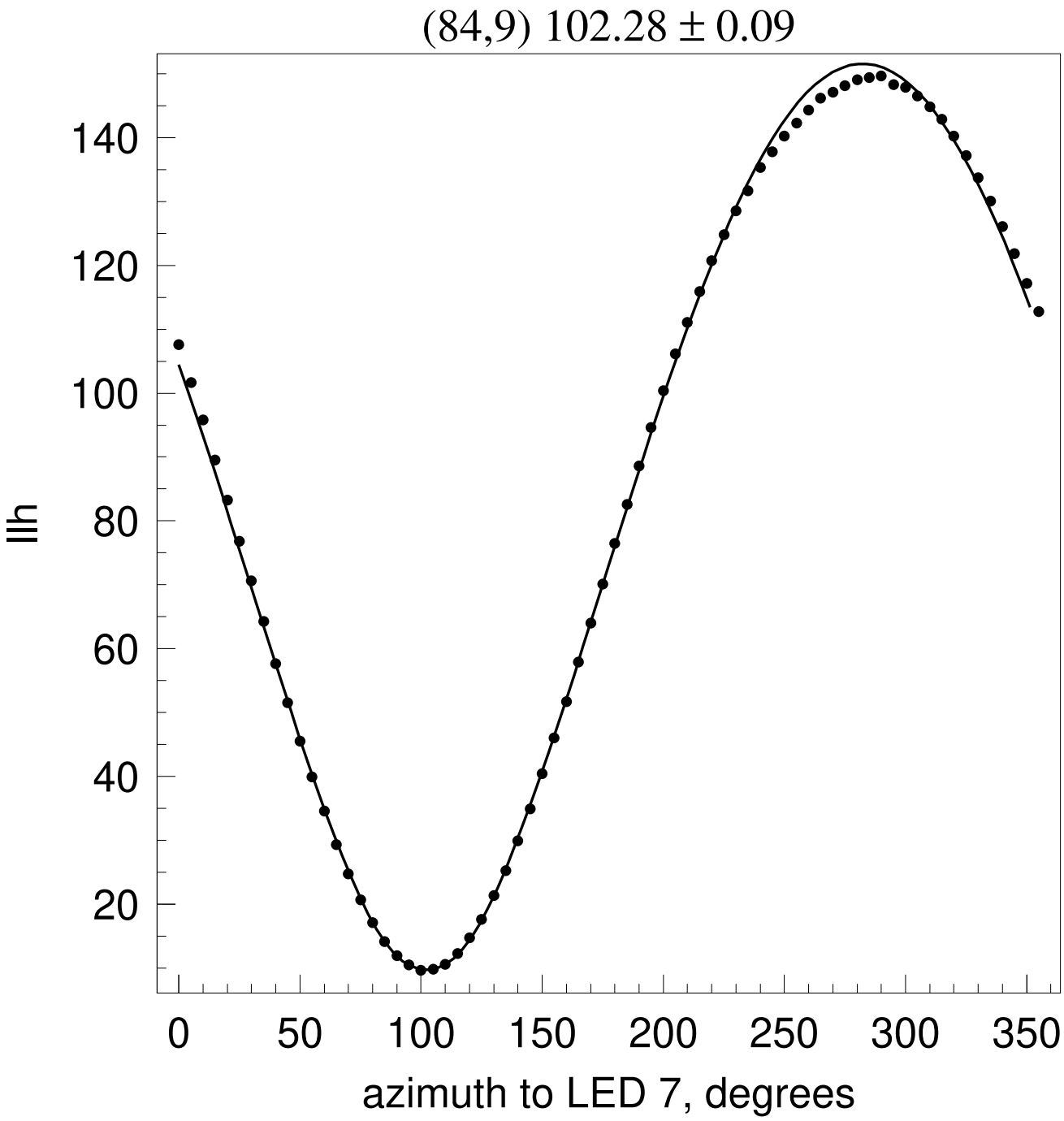

(84,4) 62.07 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

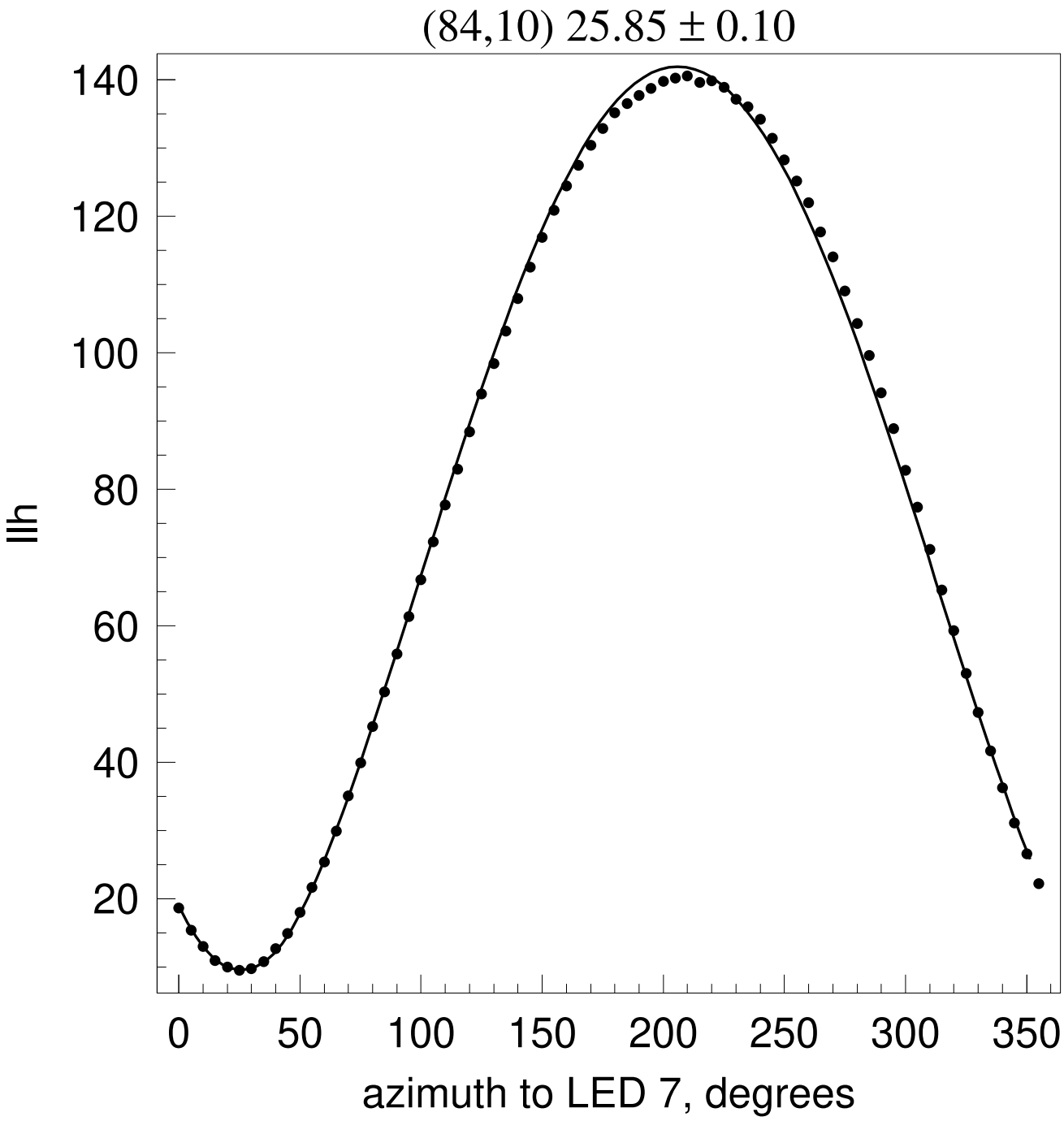

(84,5) 61.33 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

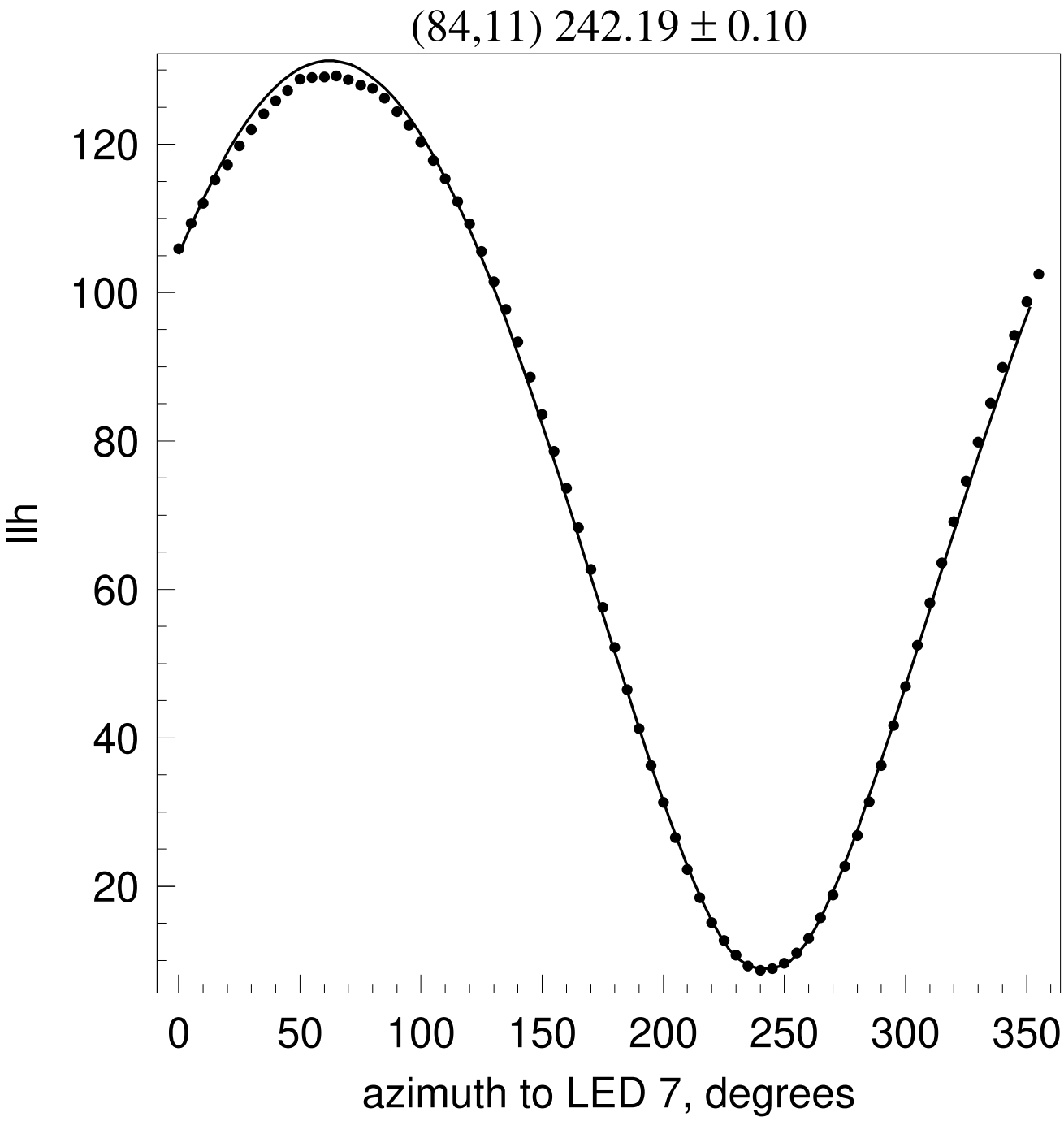

(84,6) 331.05 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

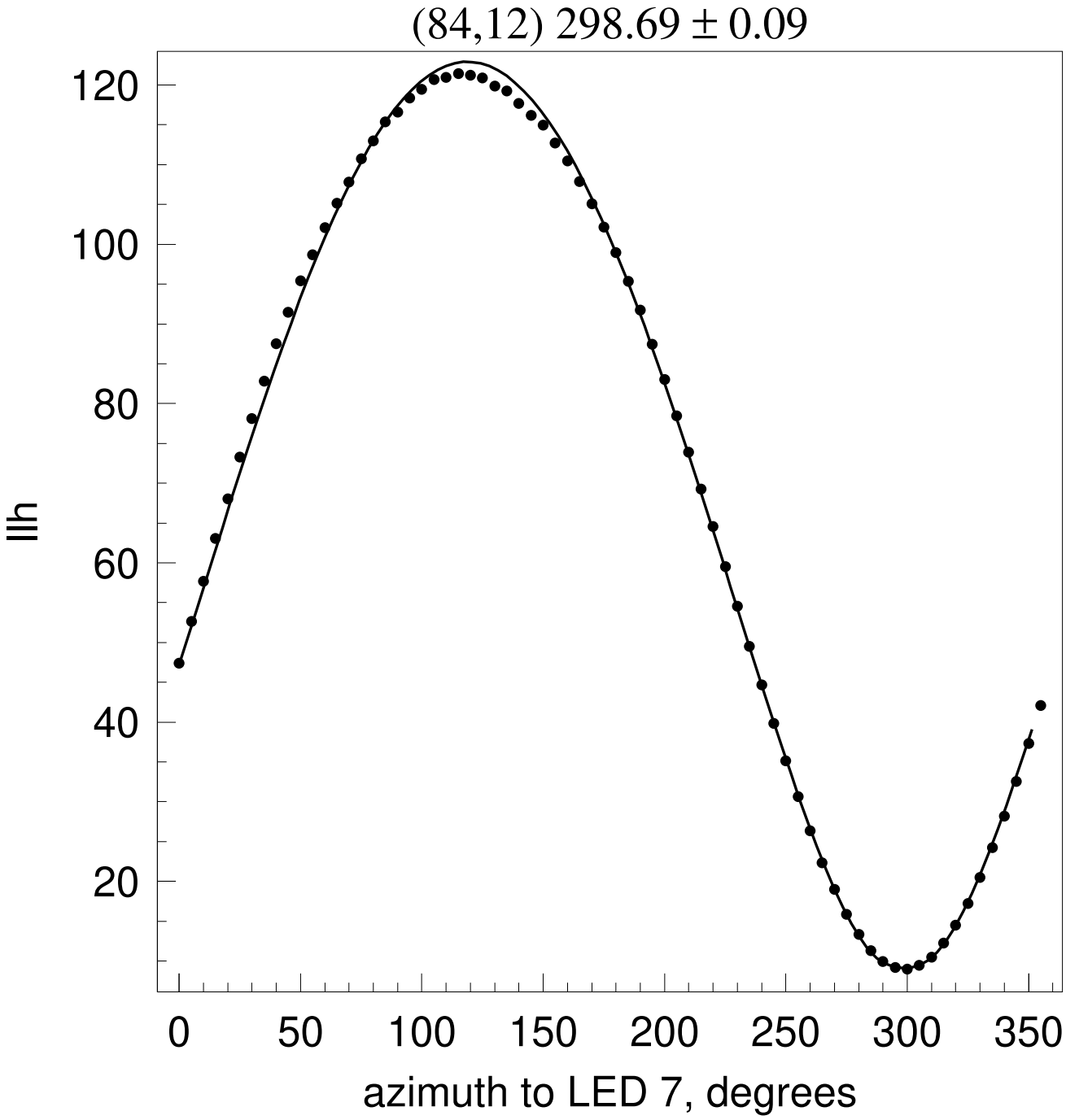

(84,7) 350.63 ± 0.12
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

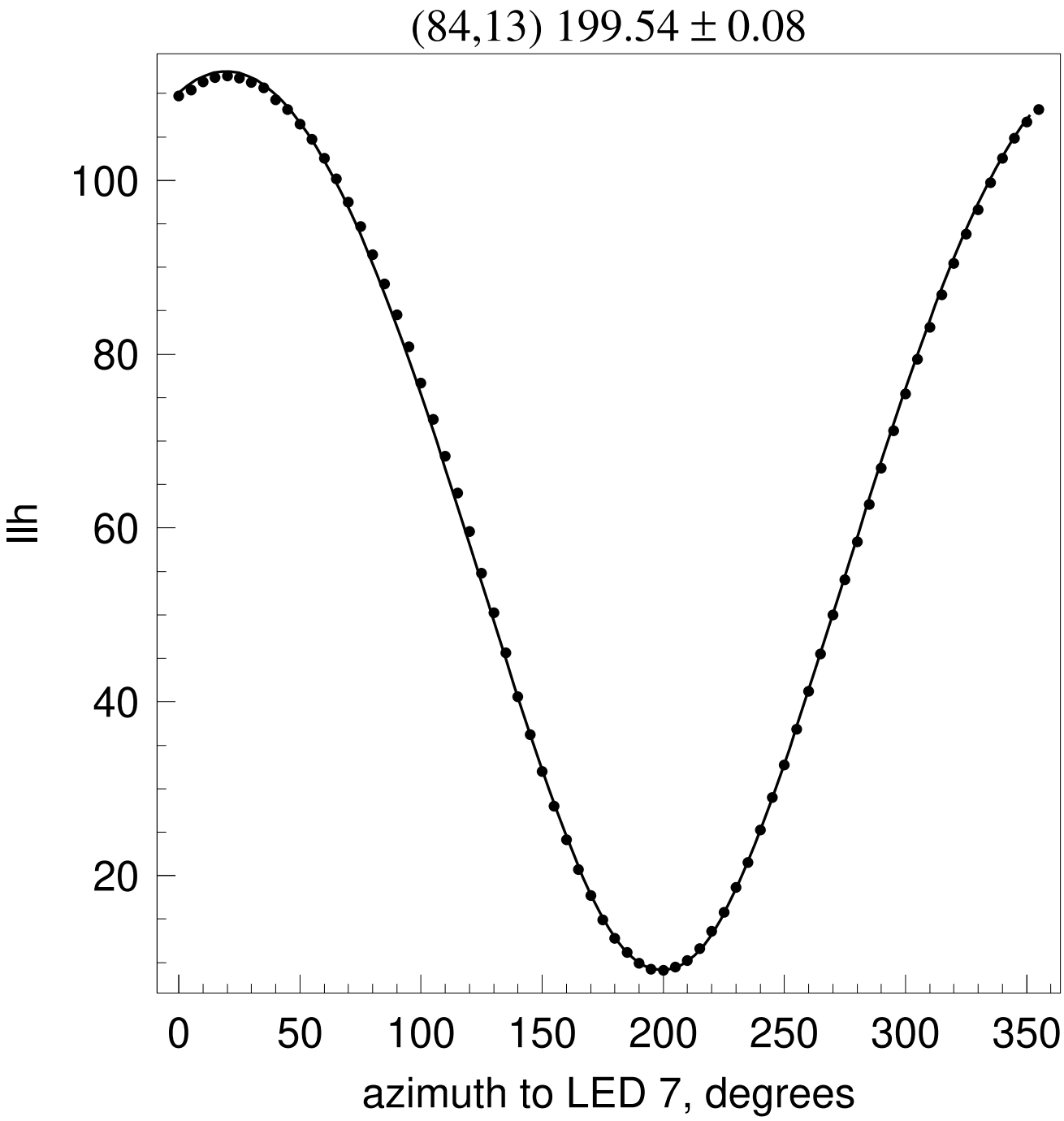

(84,8) 50.95 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

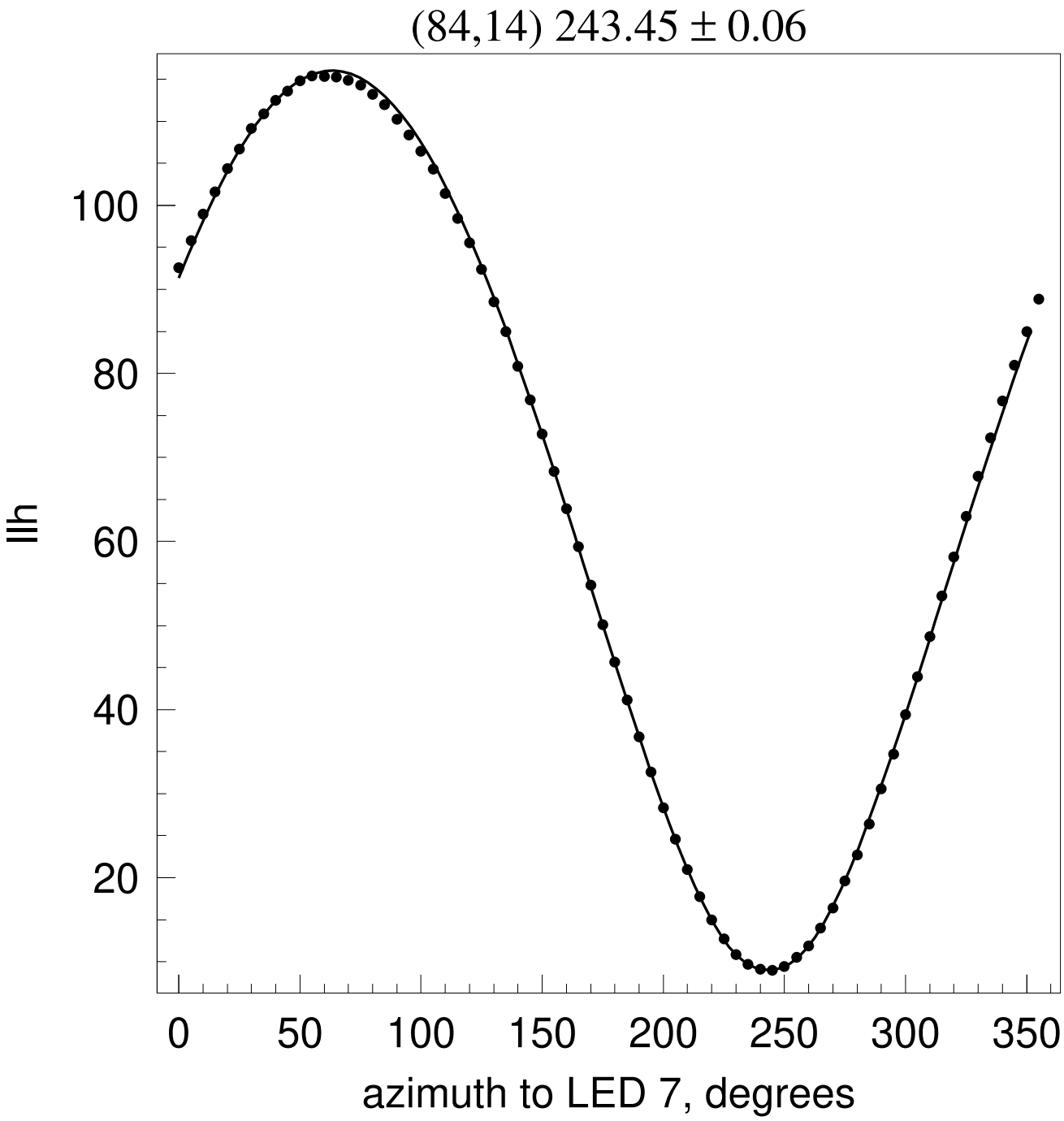

(84,9) 102.28 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

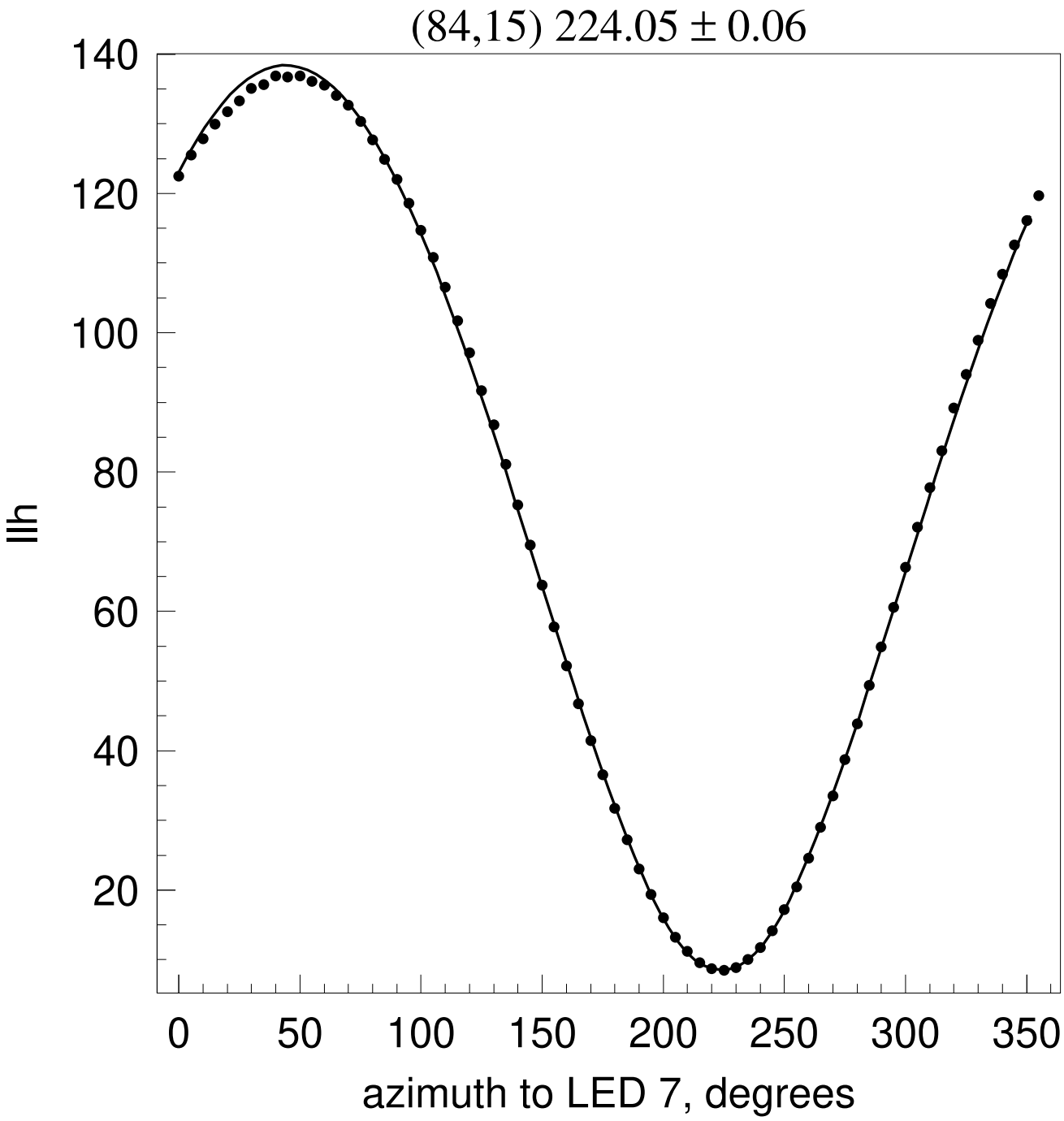

(84,10) 25.85 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

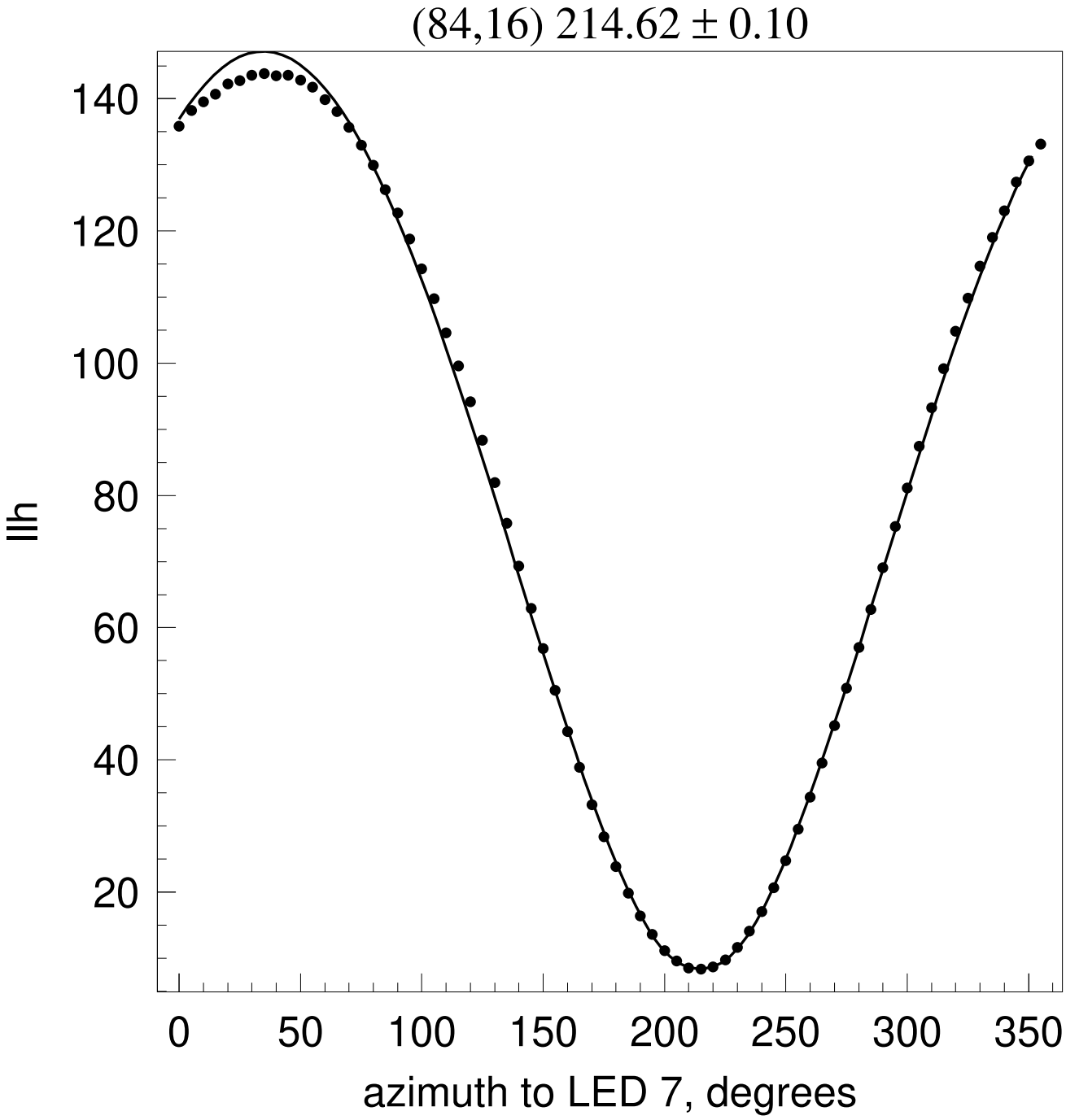

(84,11) 242.19 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

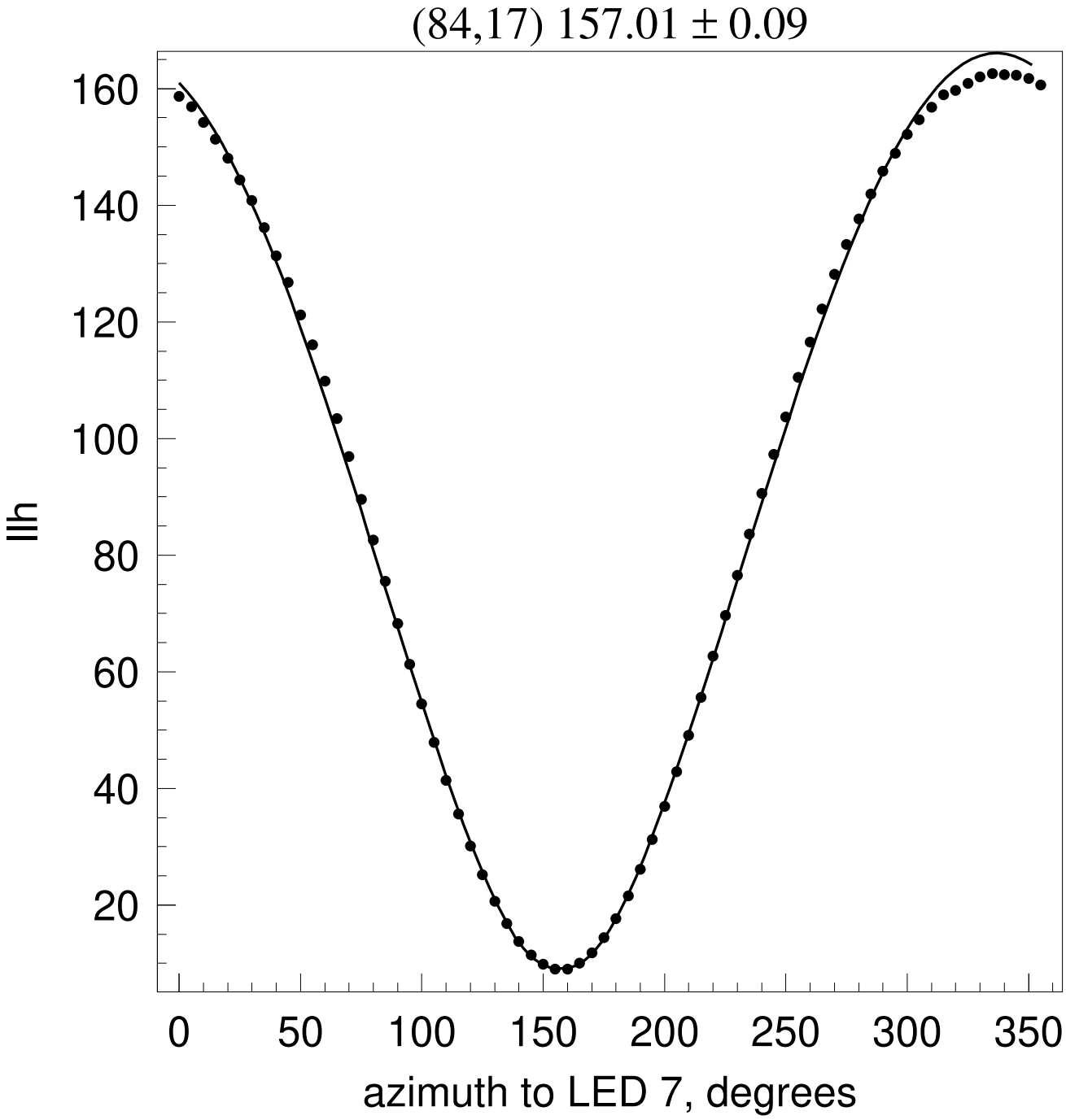

(84,12) 298.69 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

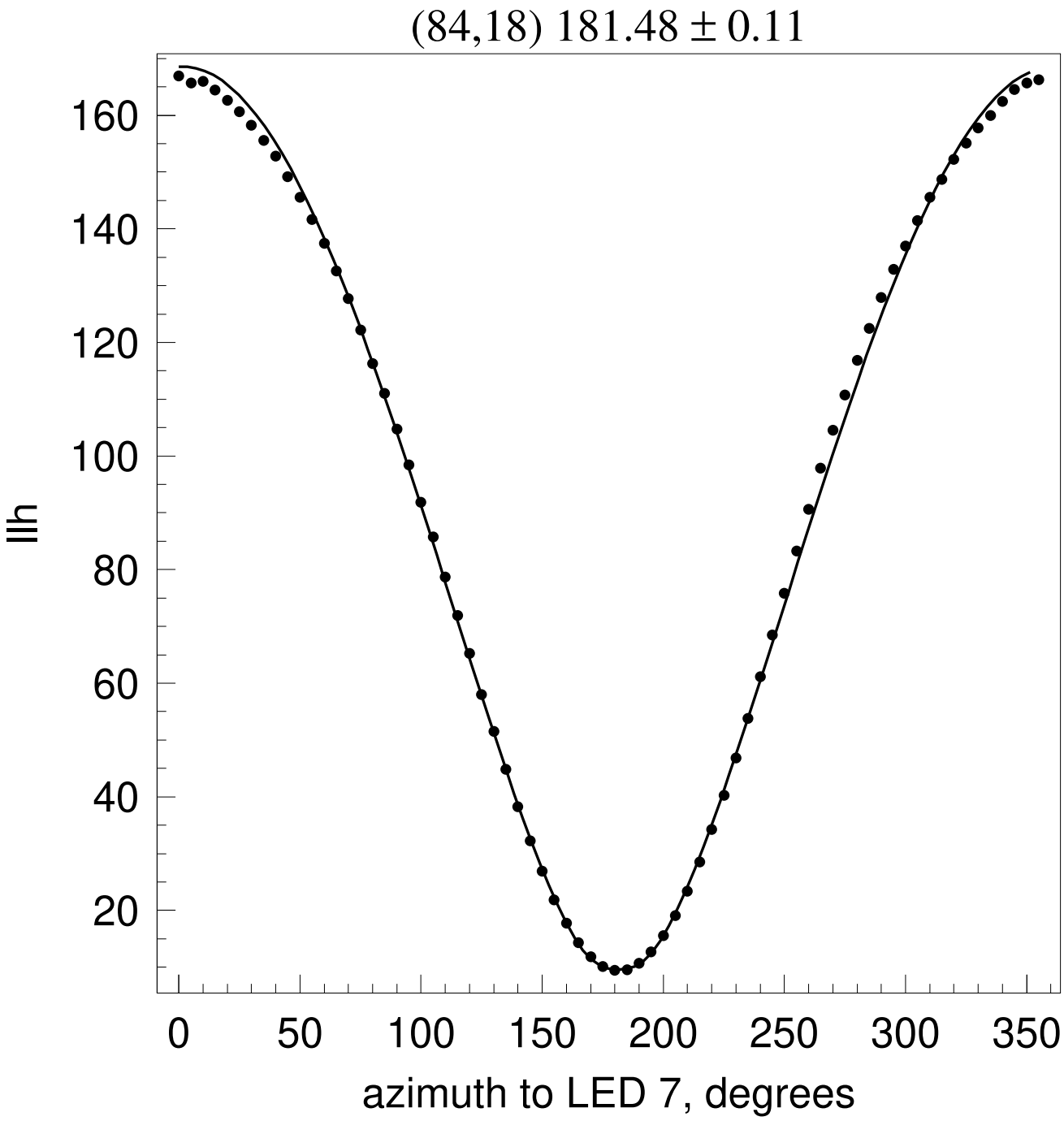

(84,13) 199.54 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

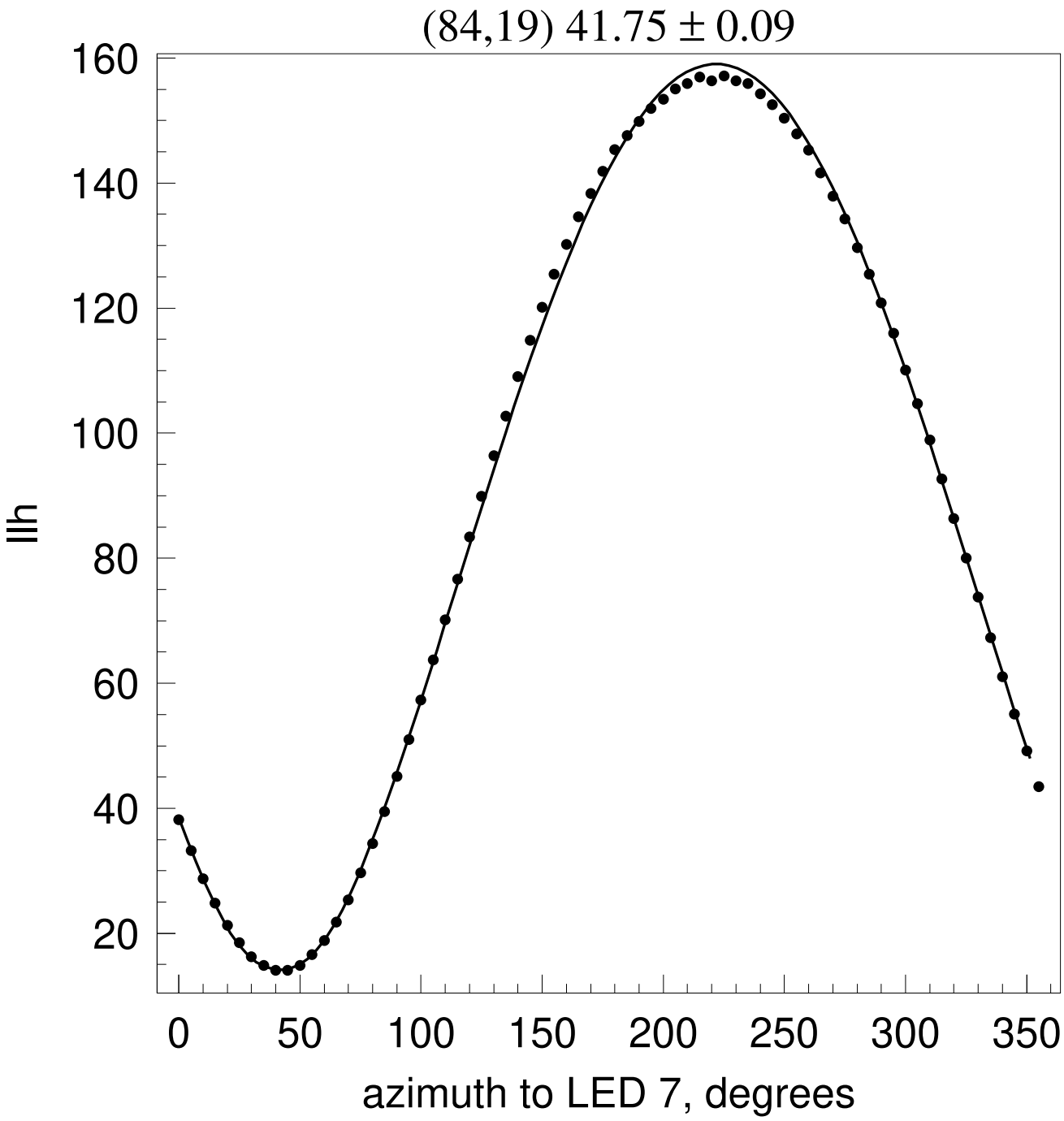

(84,14) 243.45 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

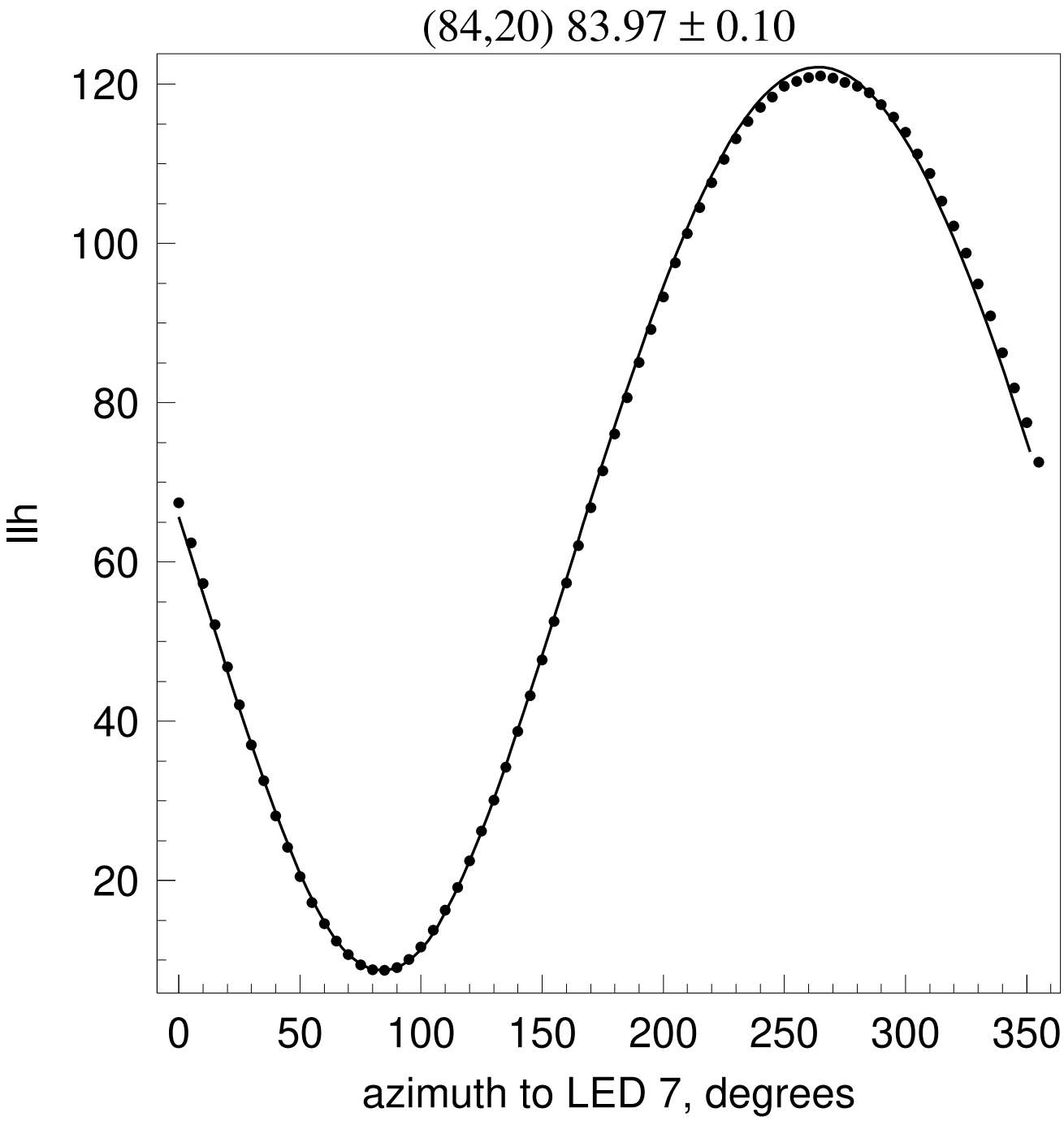

(84,15) 224.05 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

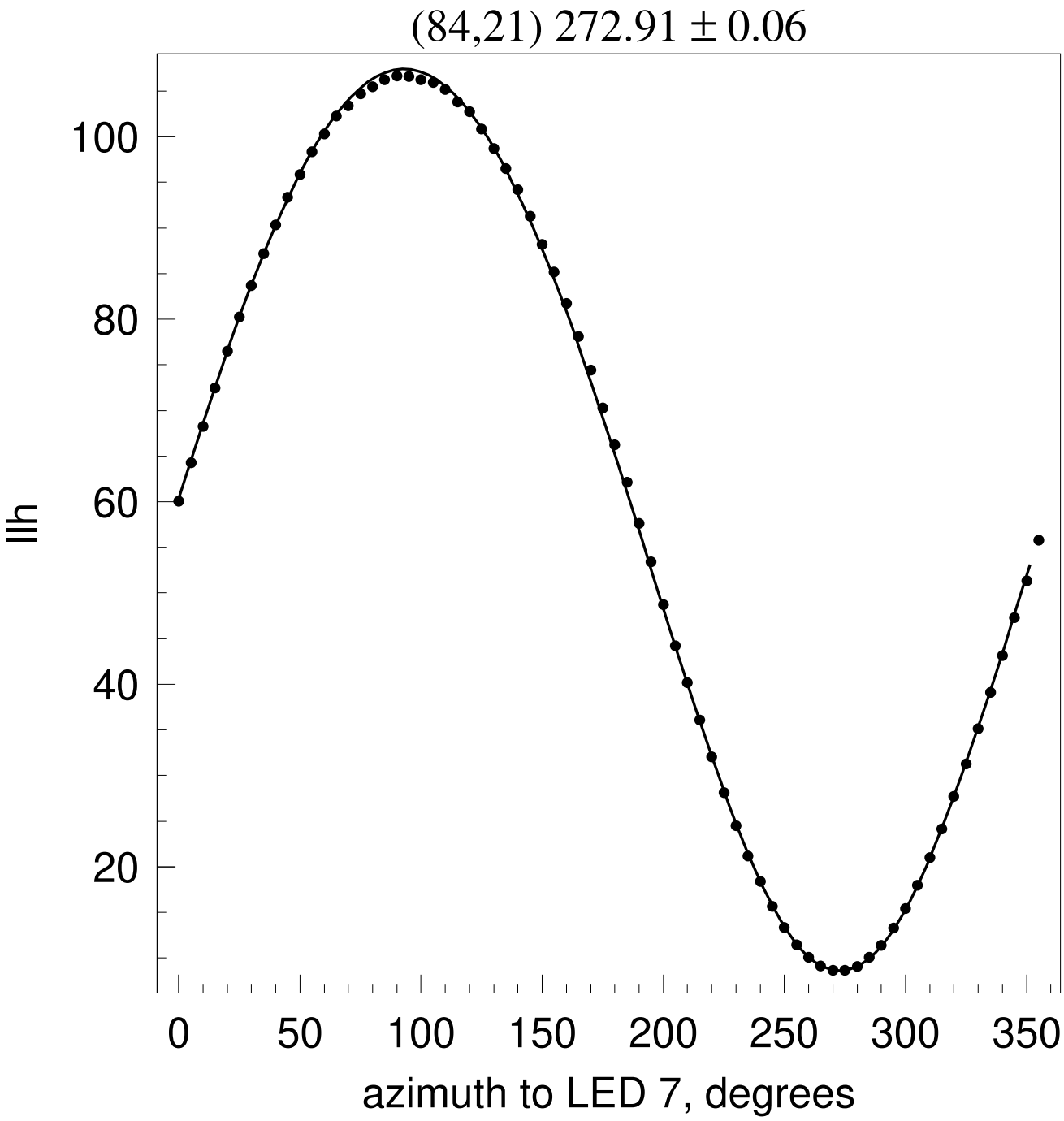

(84,16) 214.62 ± 0.10
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

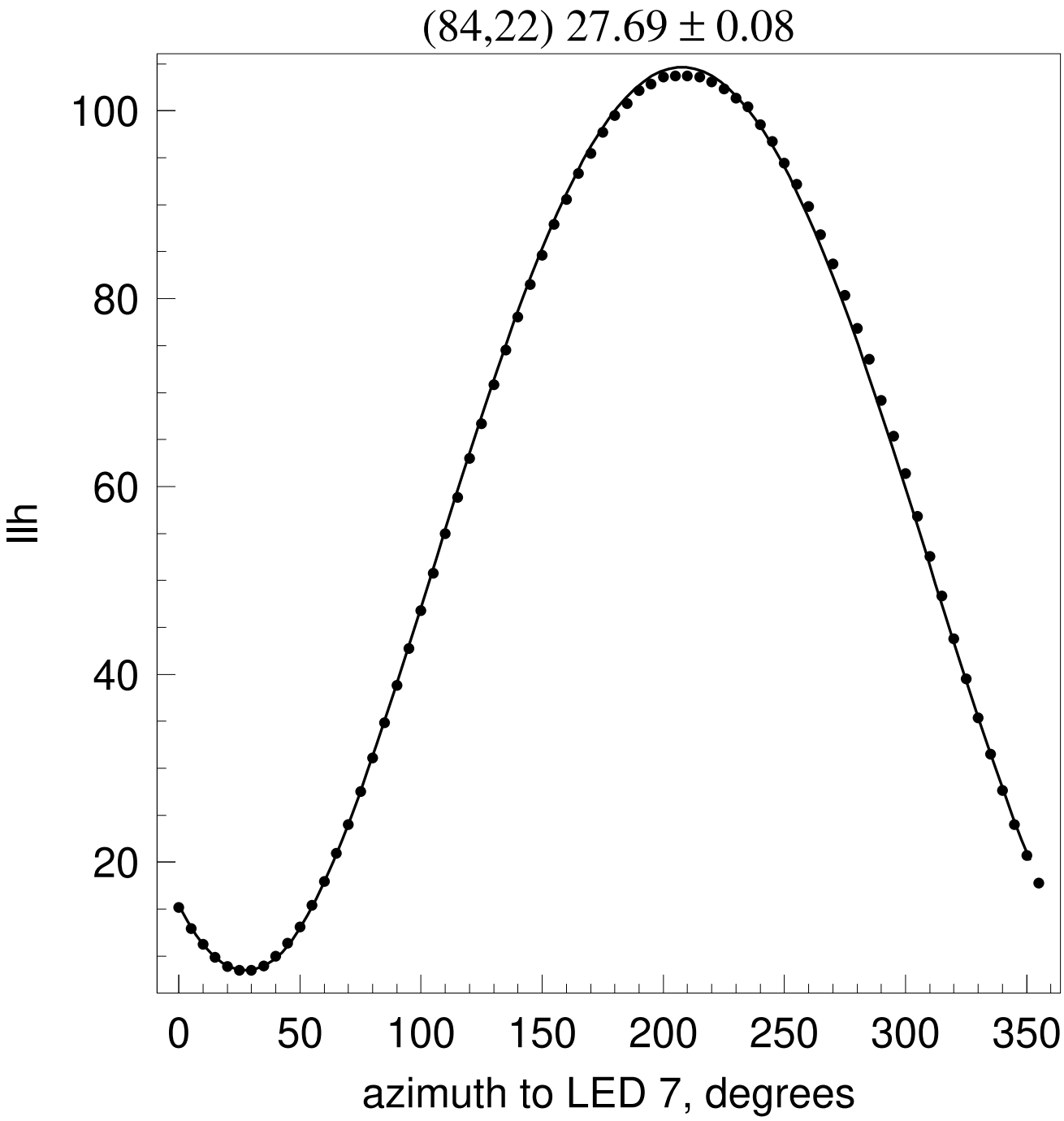

(84,17) 157.01 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

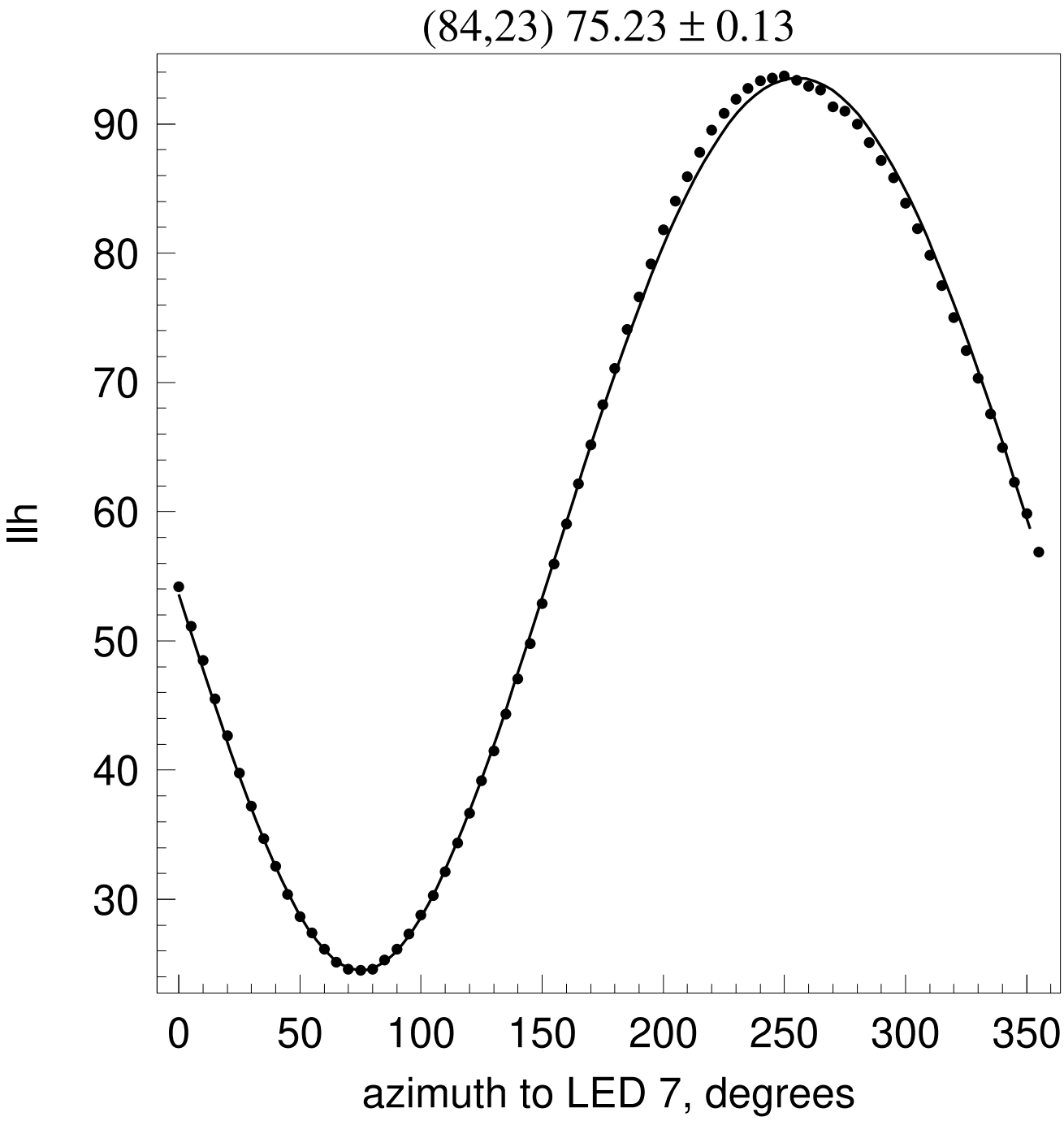

(84,18) 181.48 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

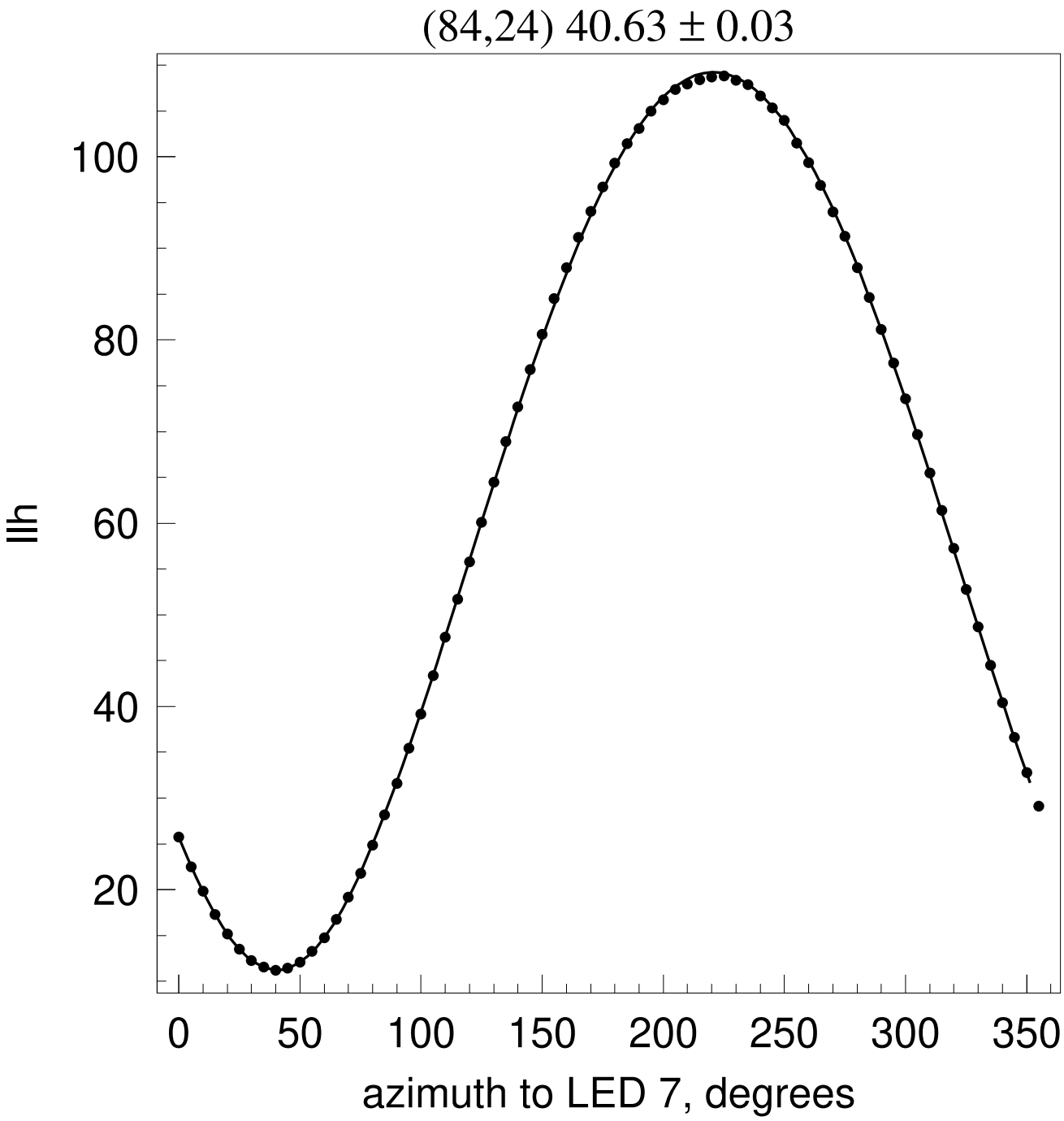

(84,19) 41.75 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

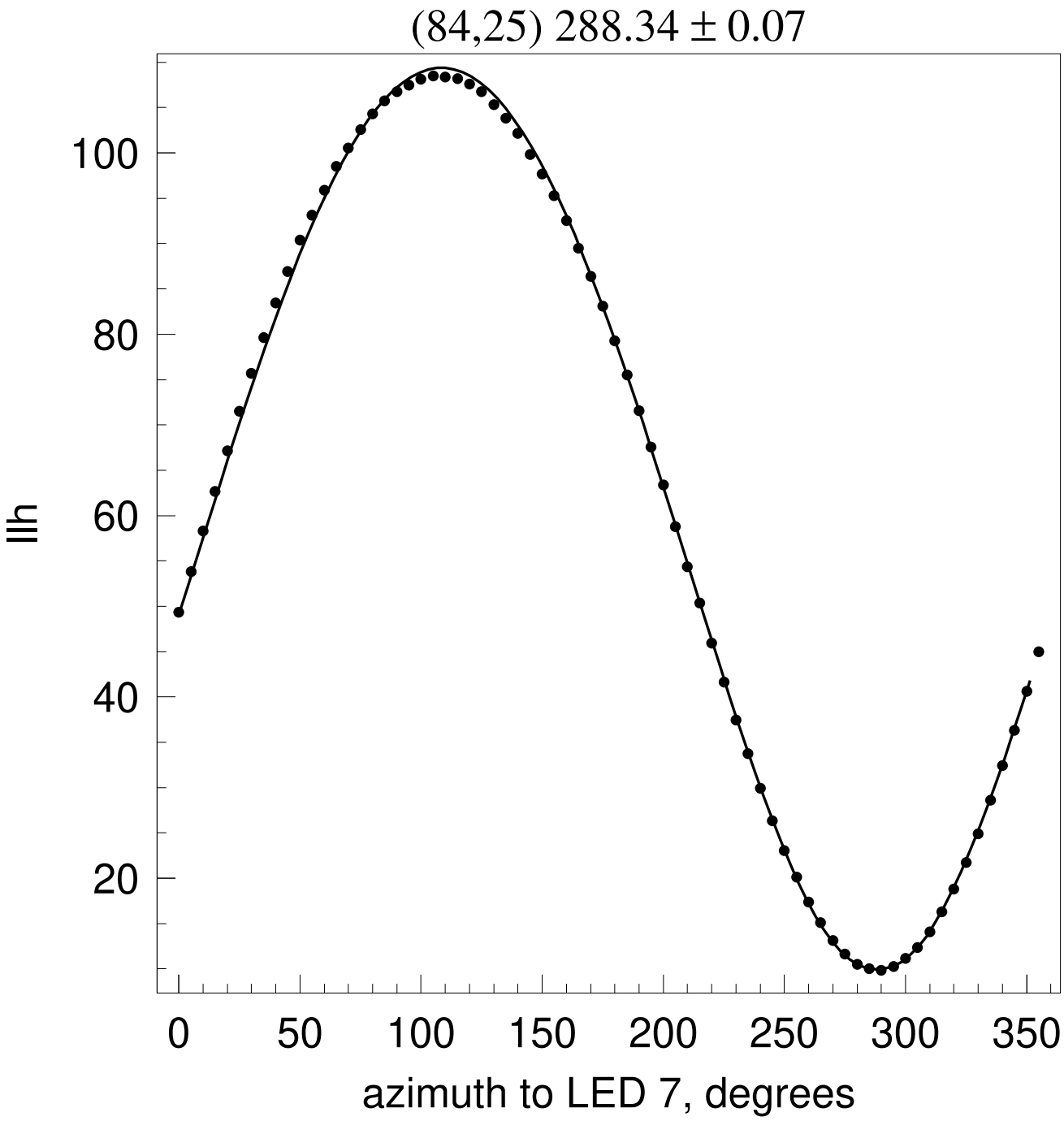

(84,20) 83.97 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

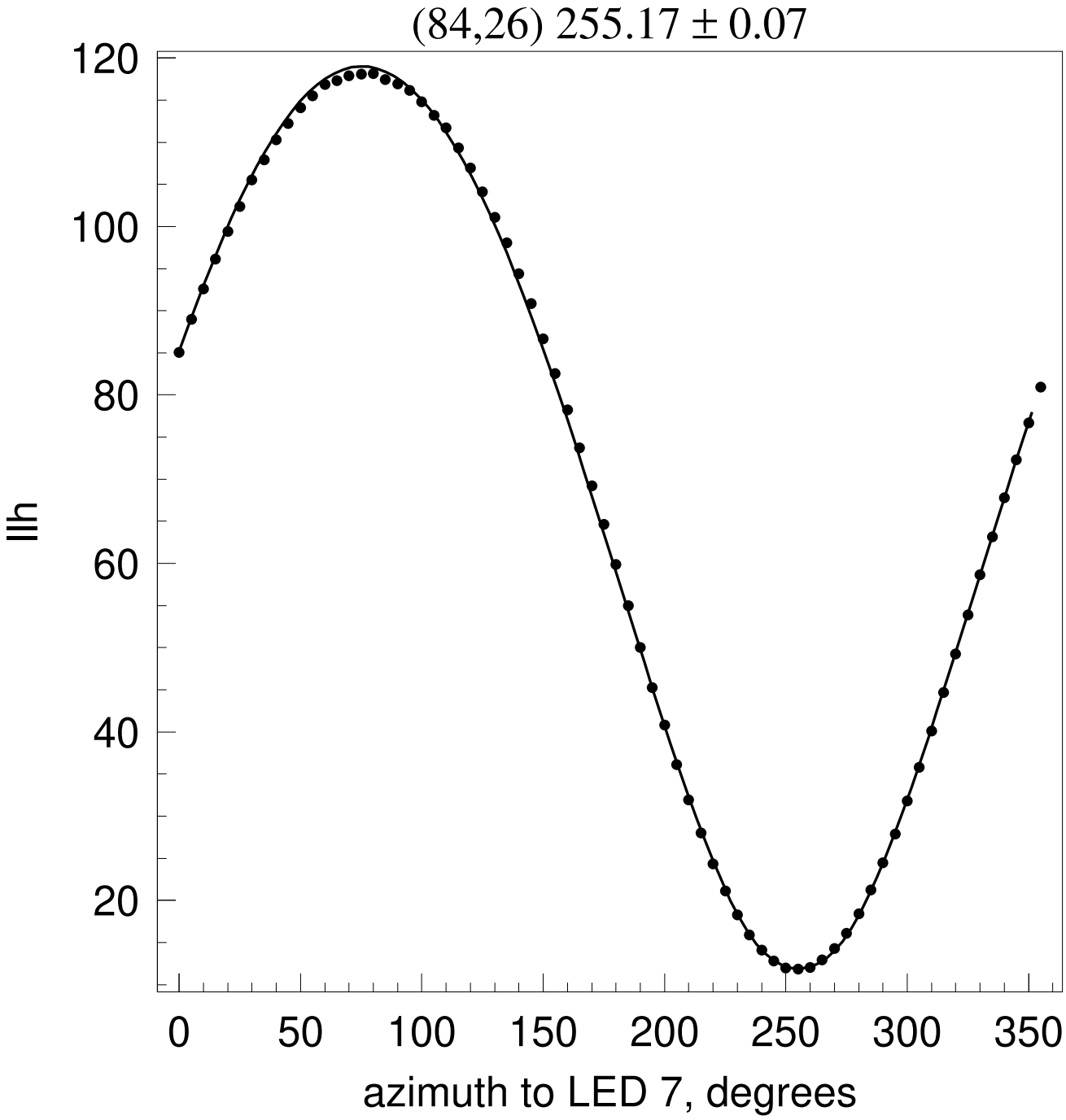

(84,21) 272.91 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

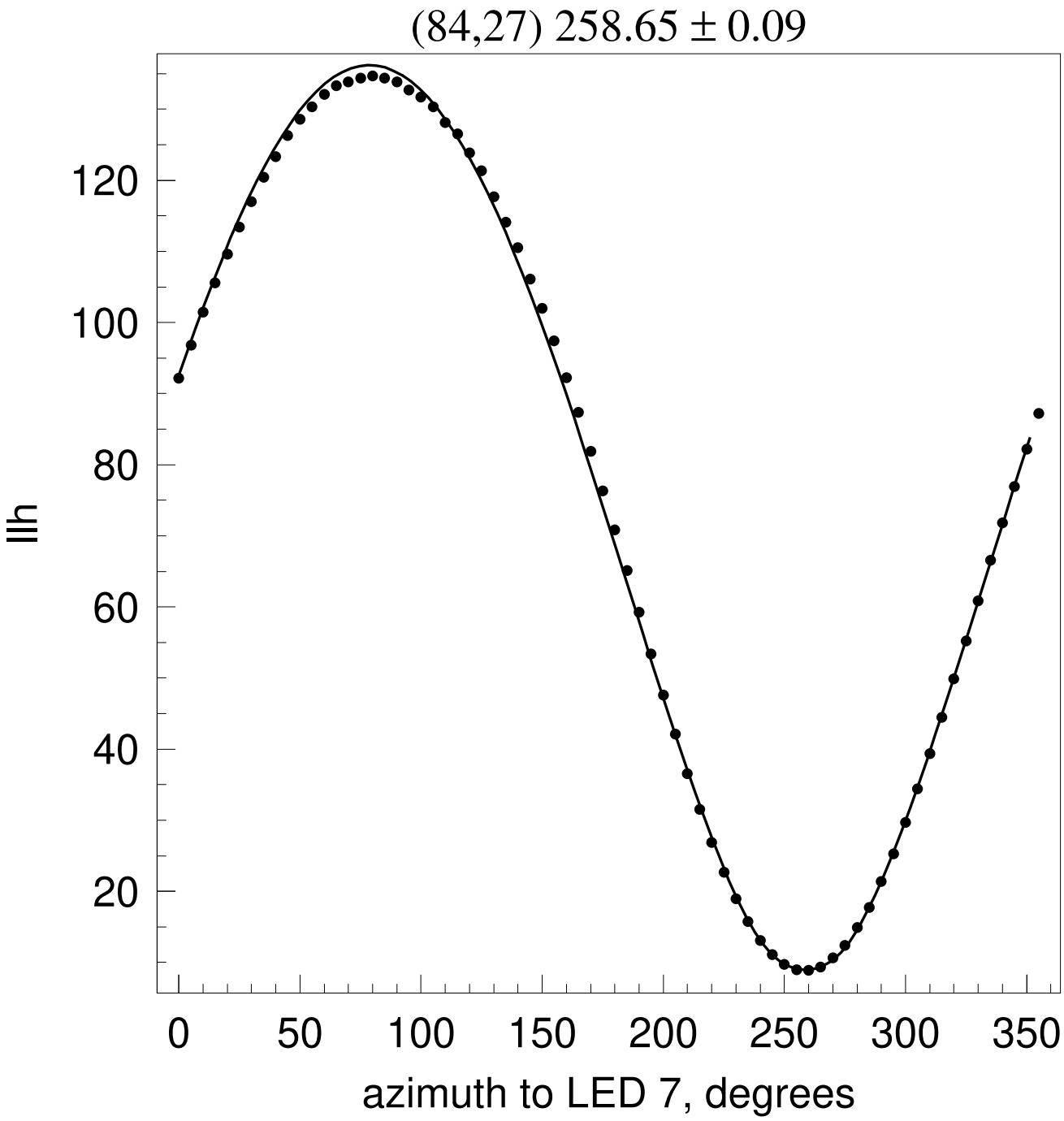

(84,22) 27.69 ± 0.08
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

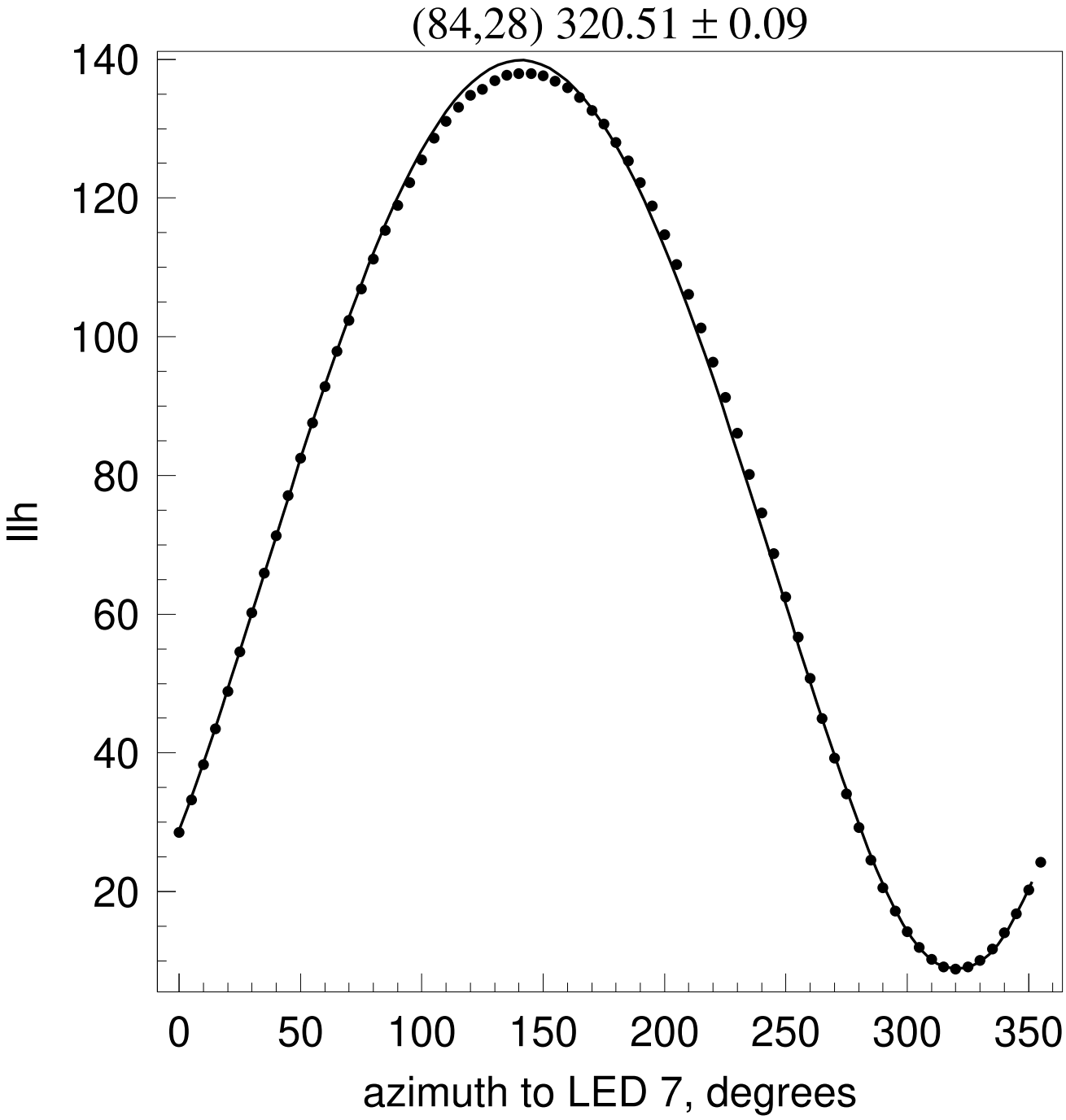

(84,23) 75.23 ± 0.13
90
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

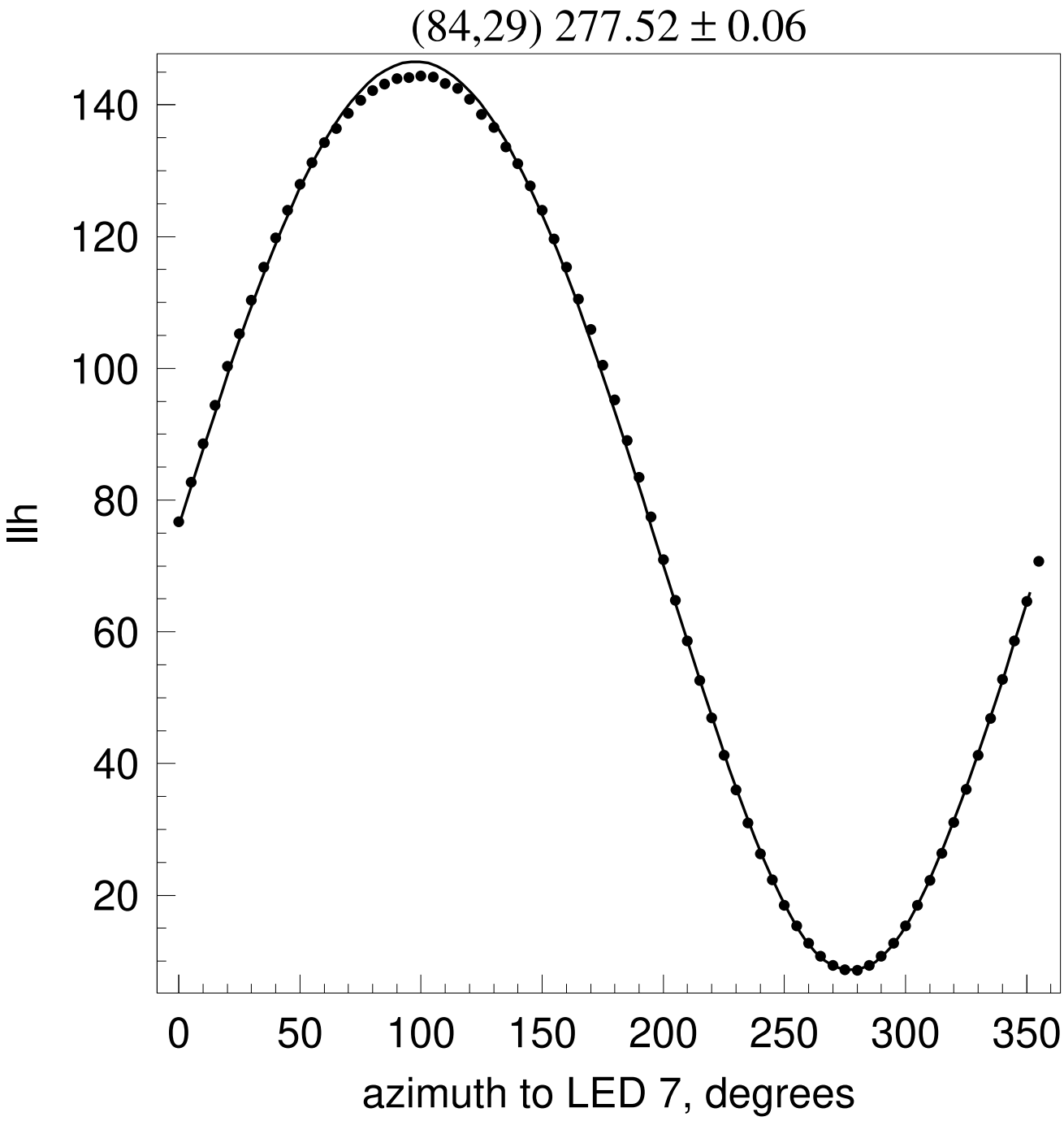

(84,24) 40.63 ± 0.03
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

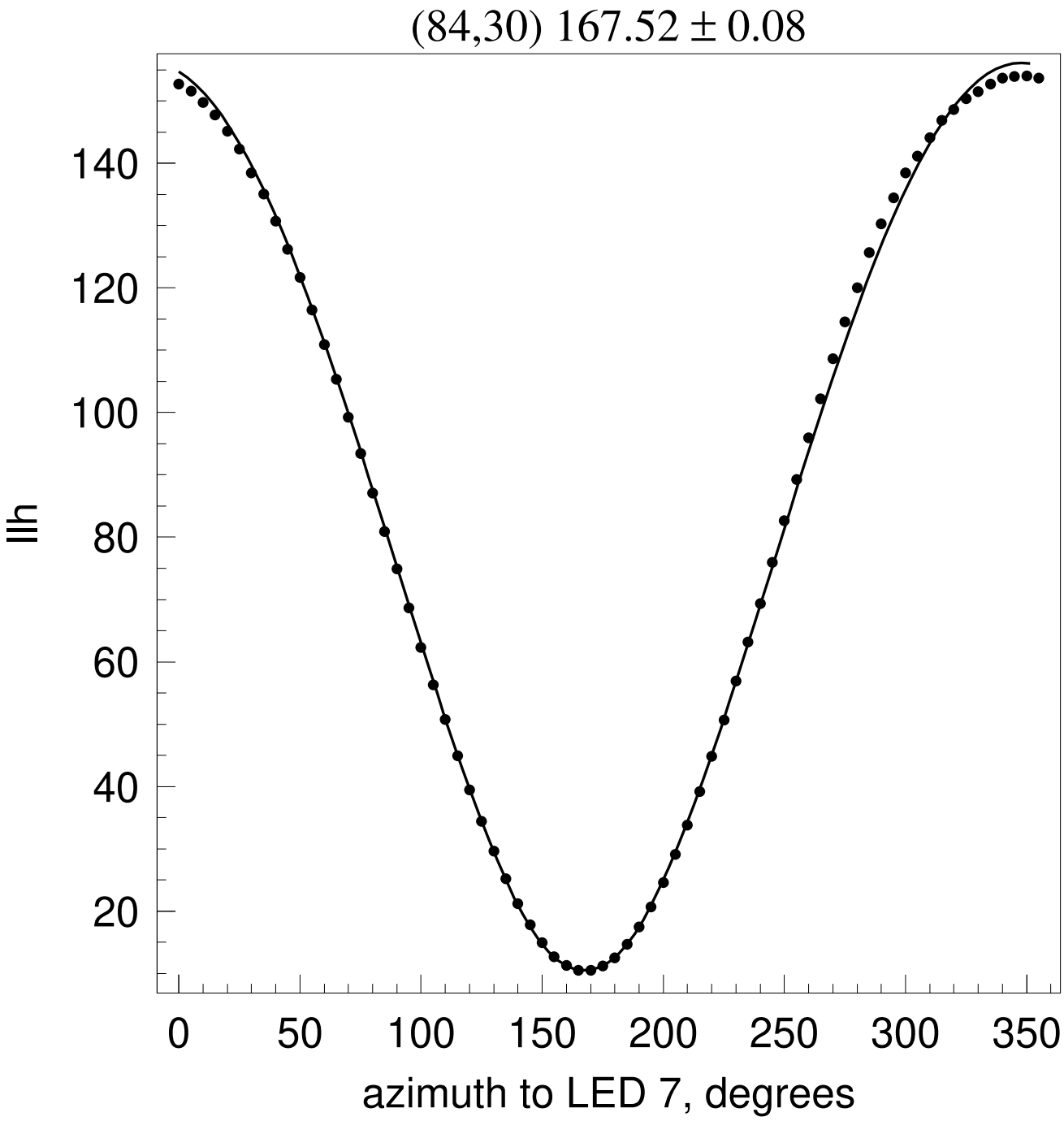

(84,25) 288.34 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

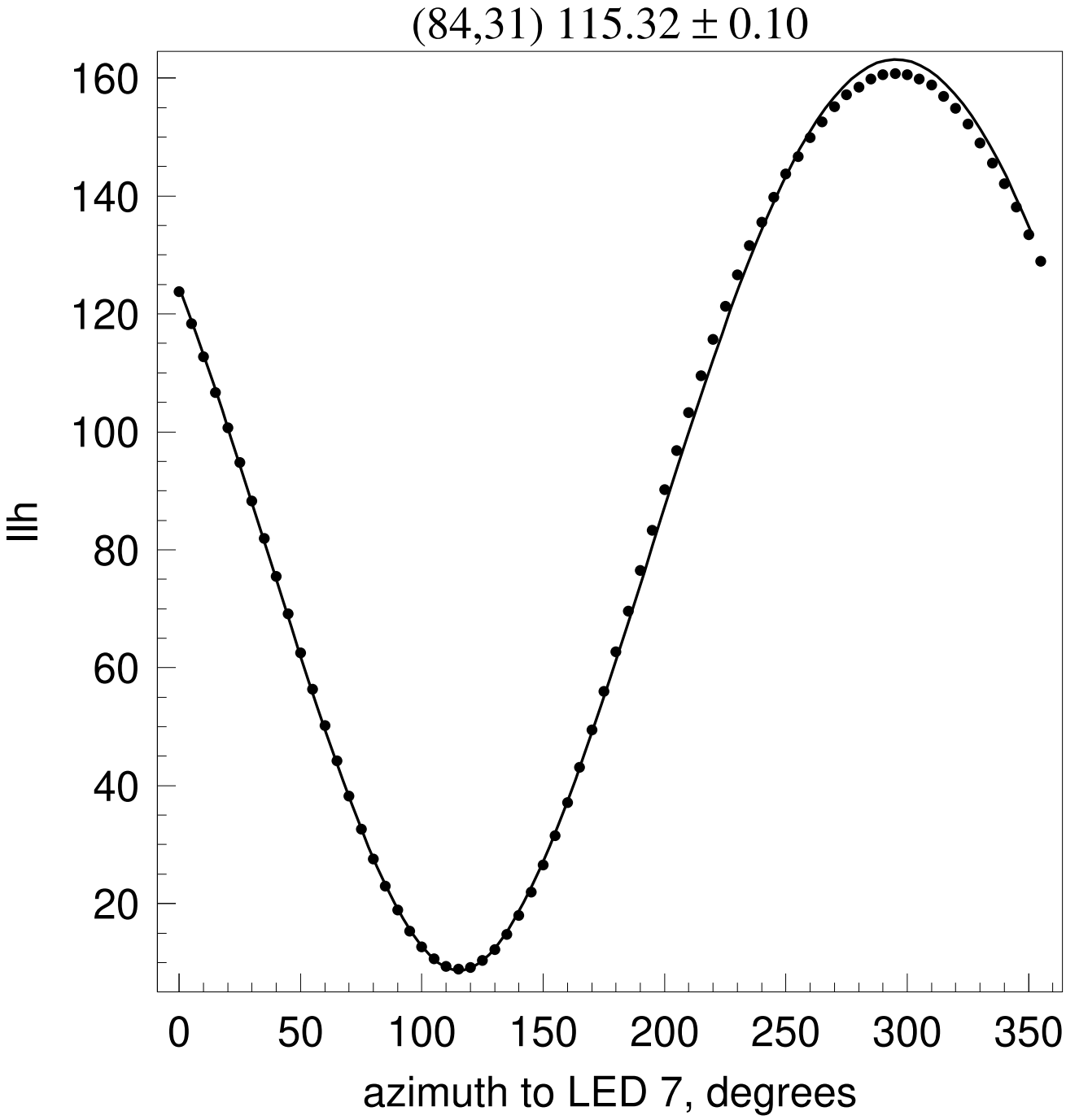

(84,26) 255.17 ± 0.07
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

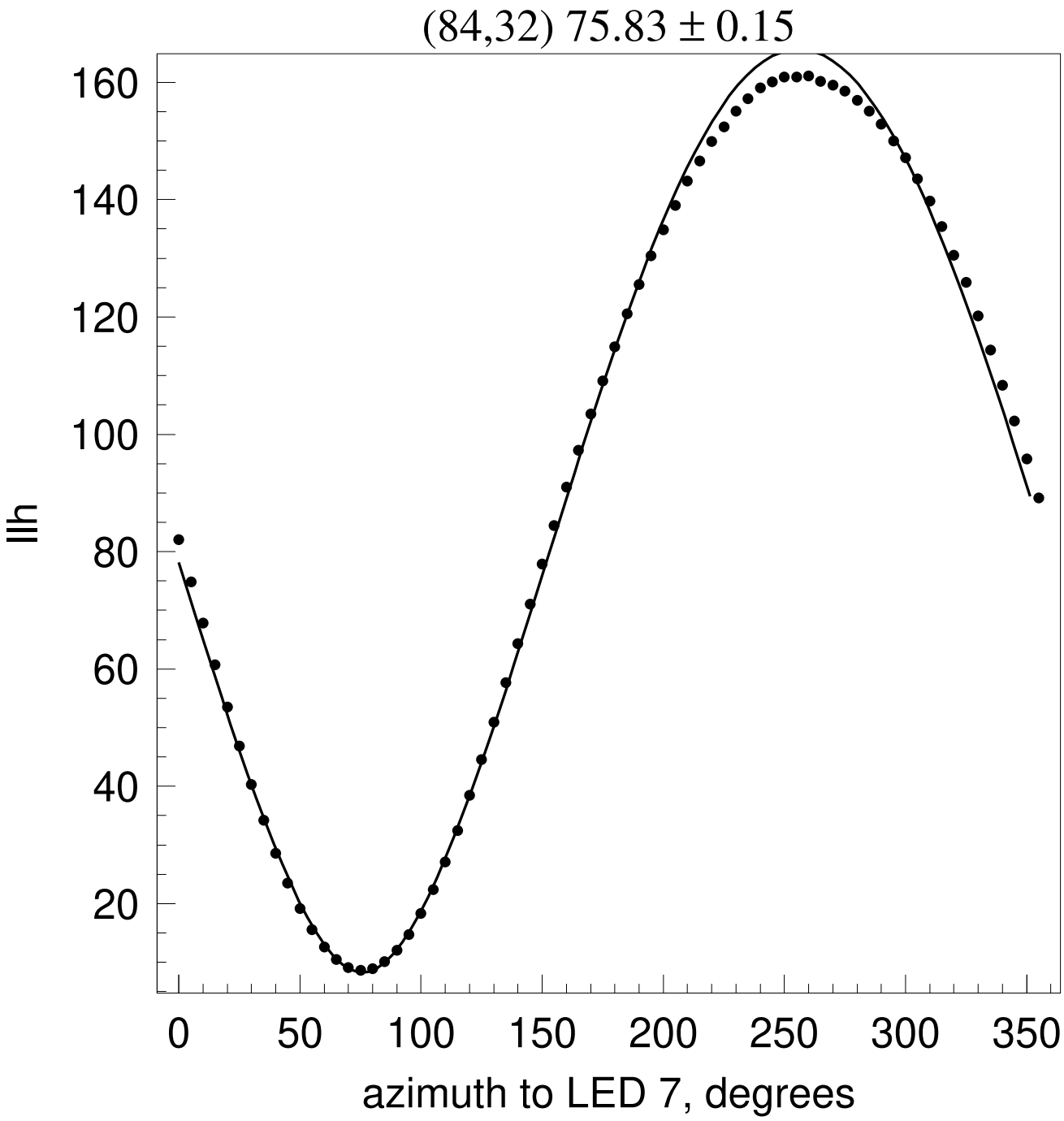

(84,27) 258.65 ± 0.09
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

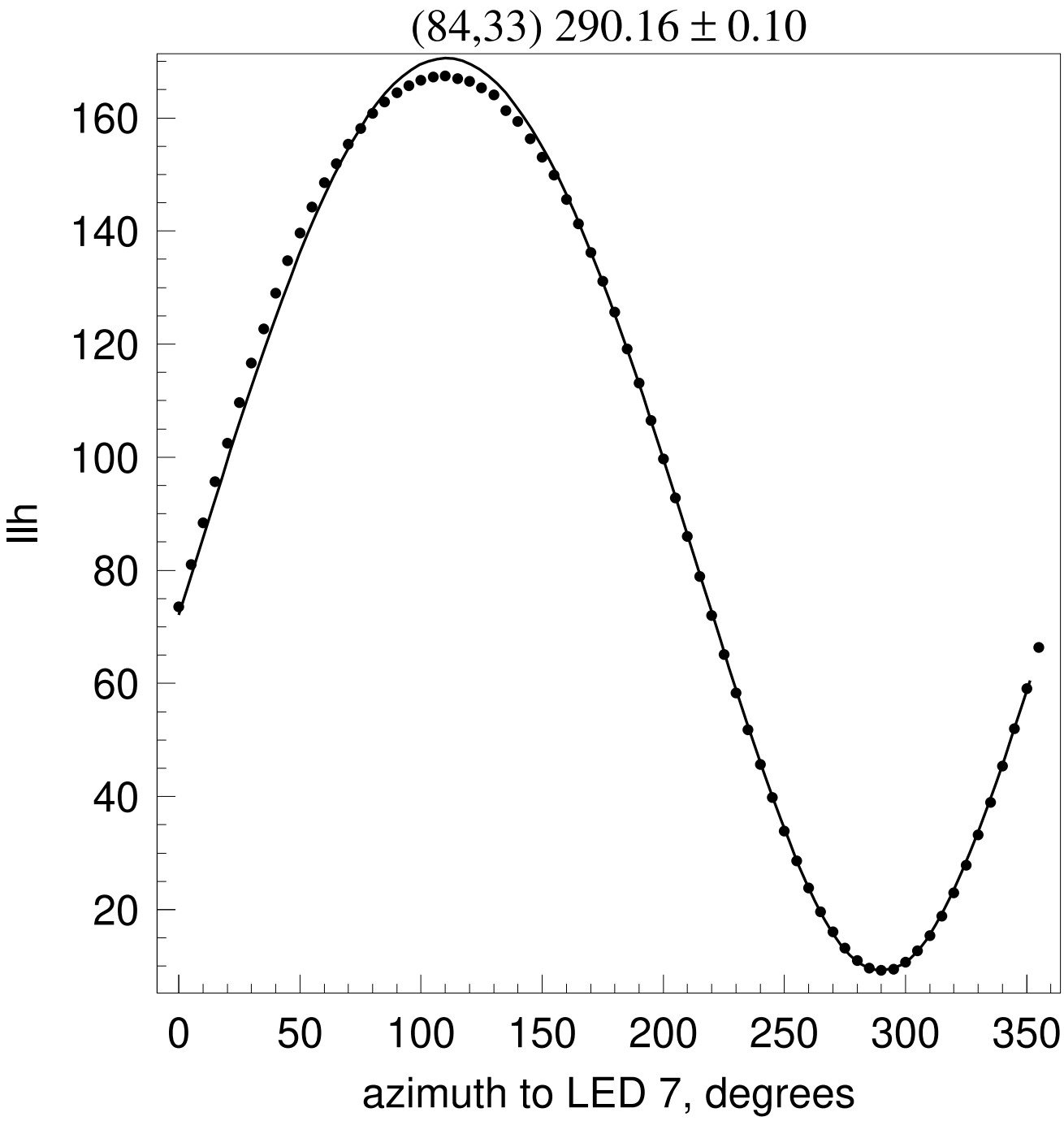

(84,28) 320.51 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

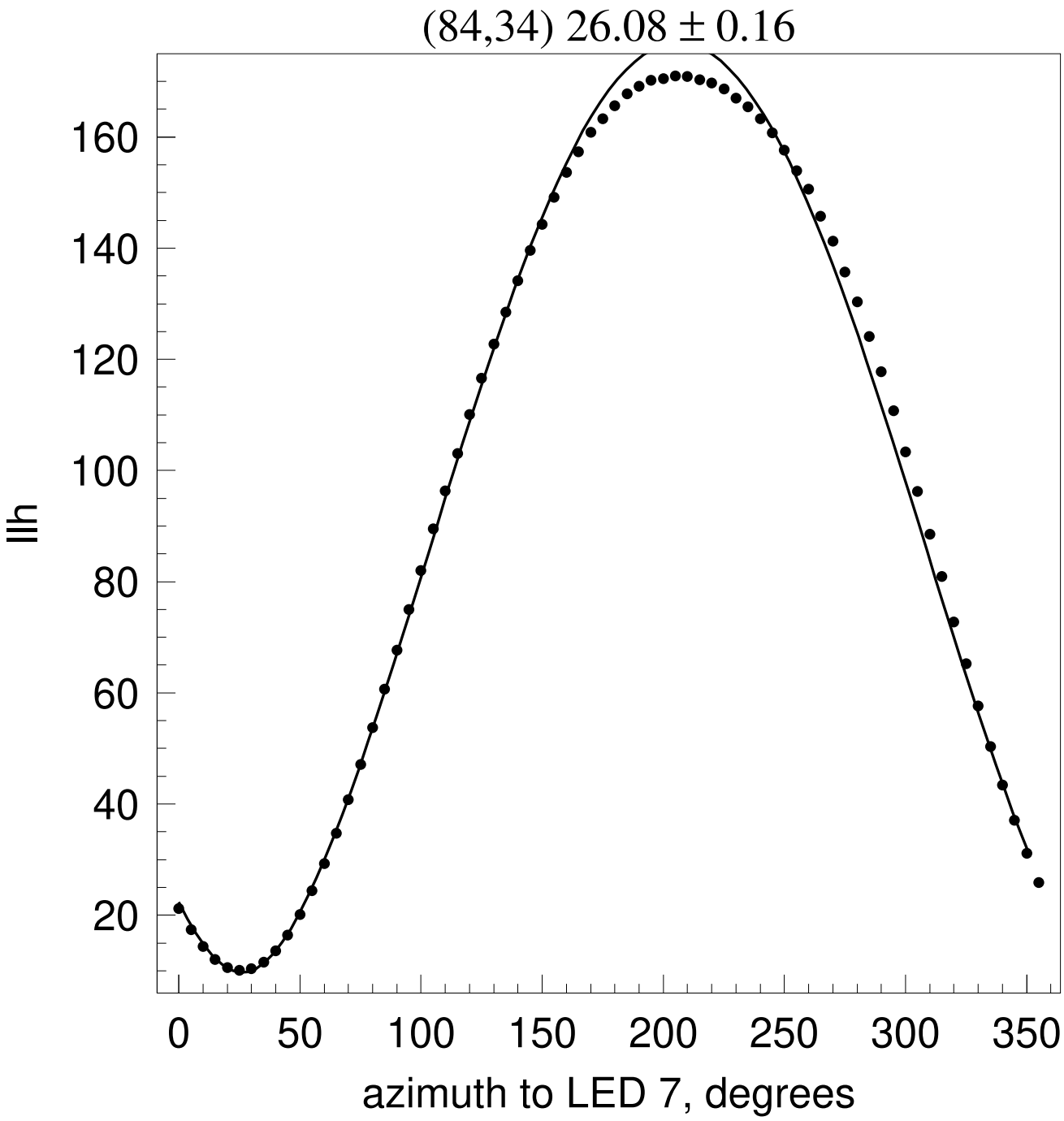

(84,29) 277.52 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

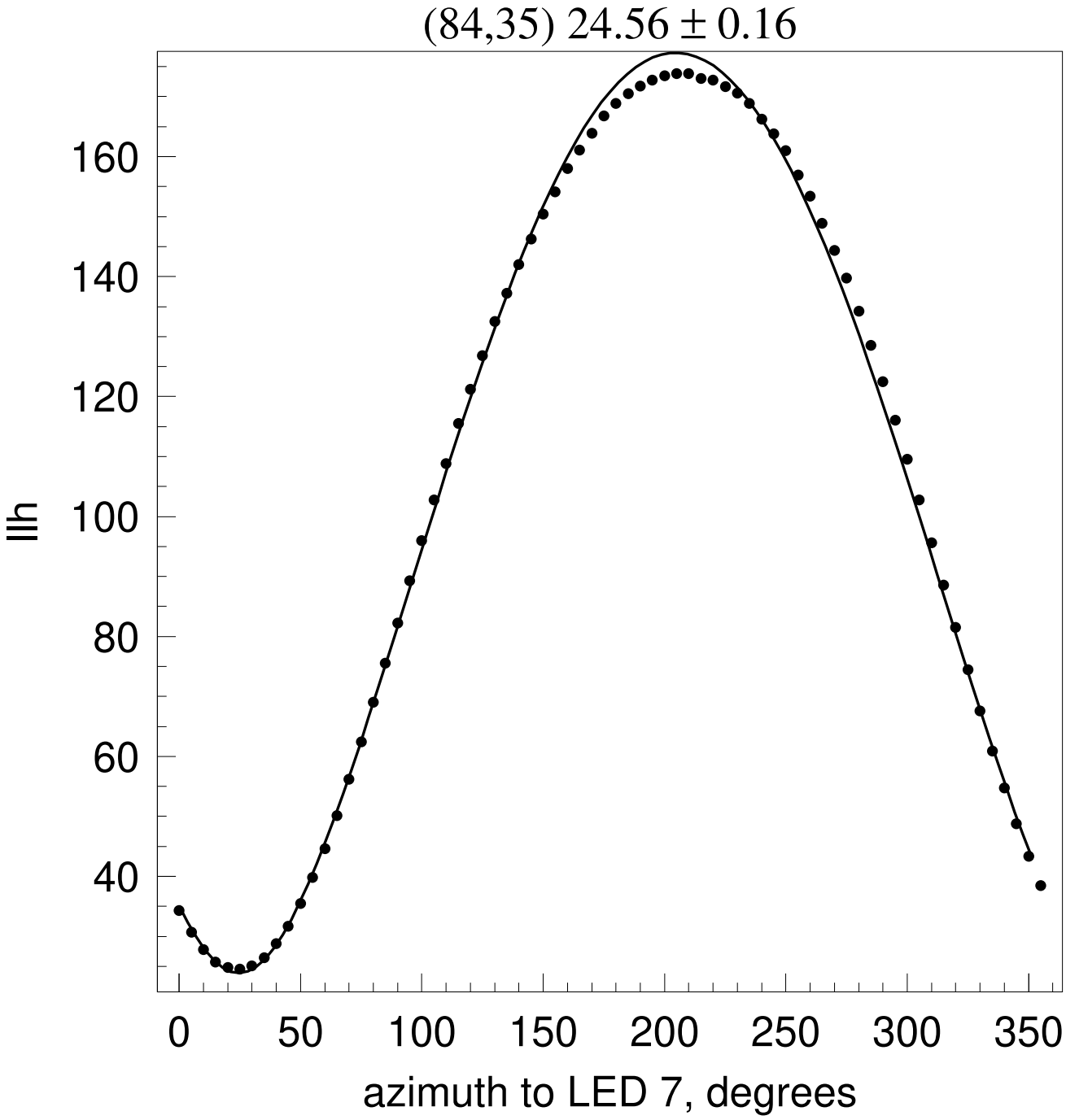

(84,30) 167.52 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

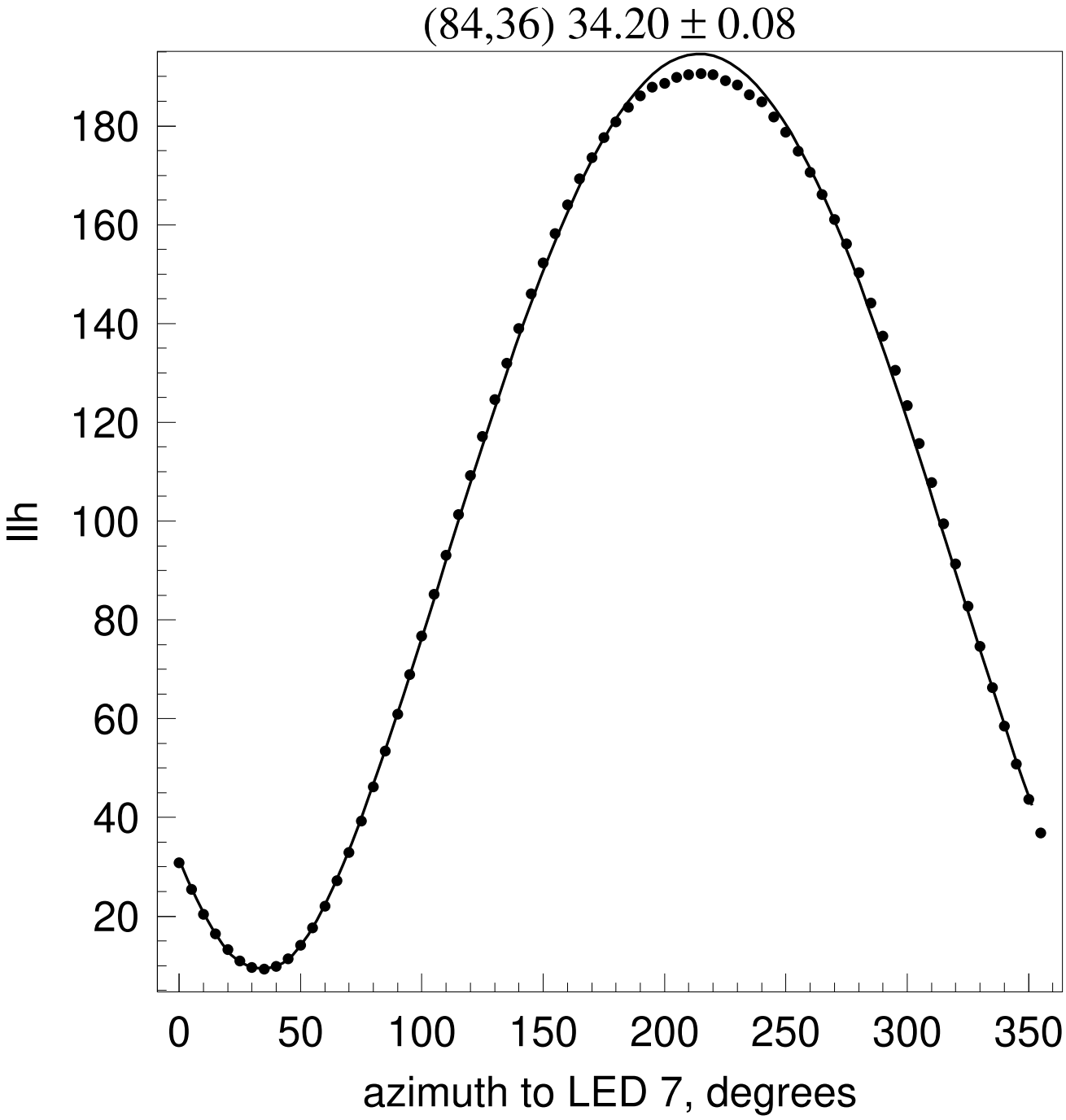

(84,31) 115.32 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

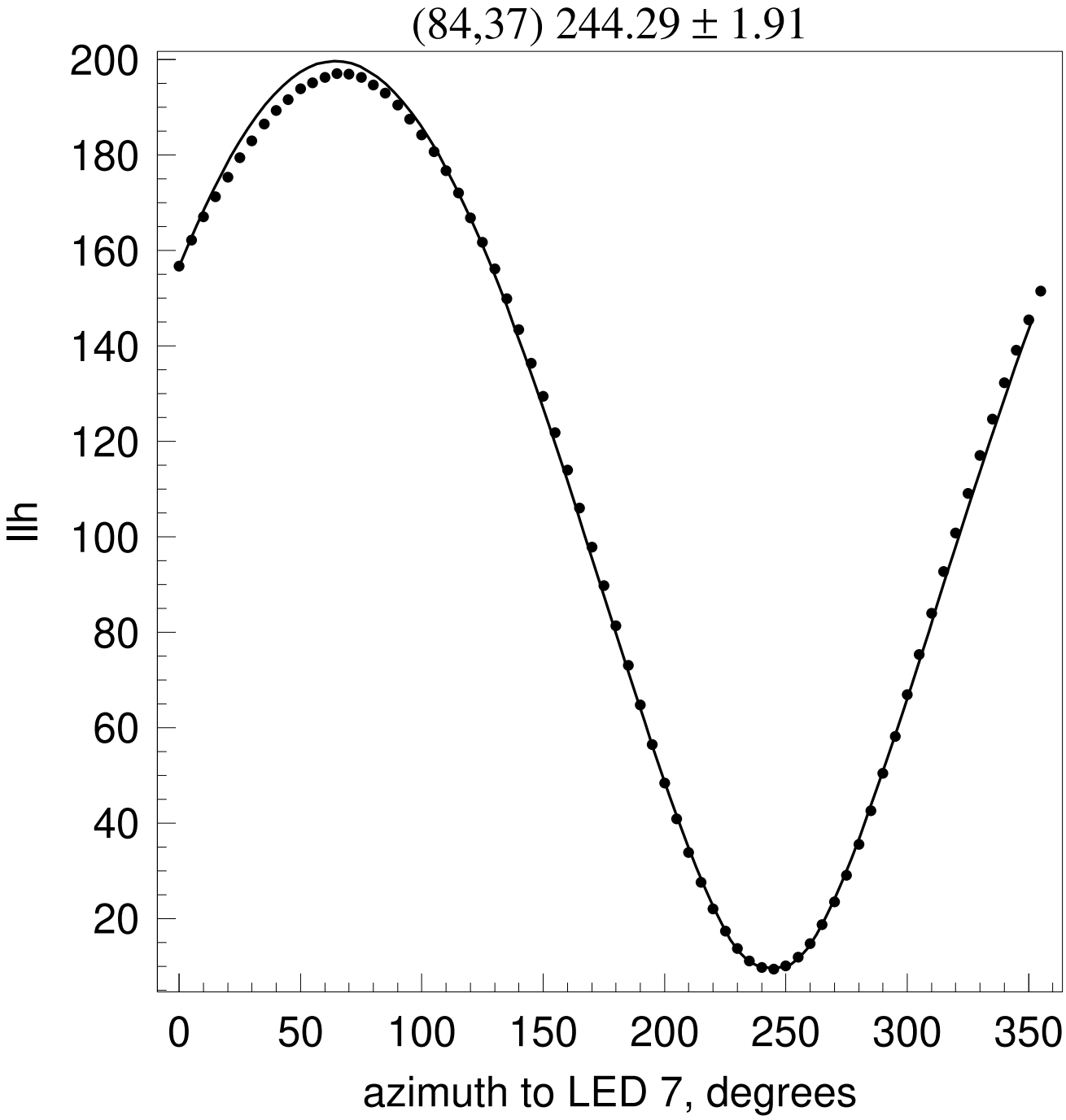

(84,32) 75.83 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

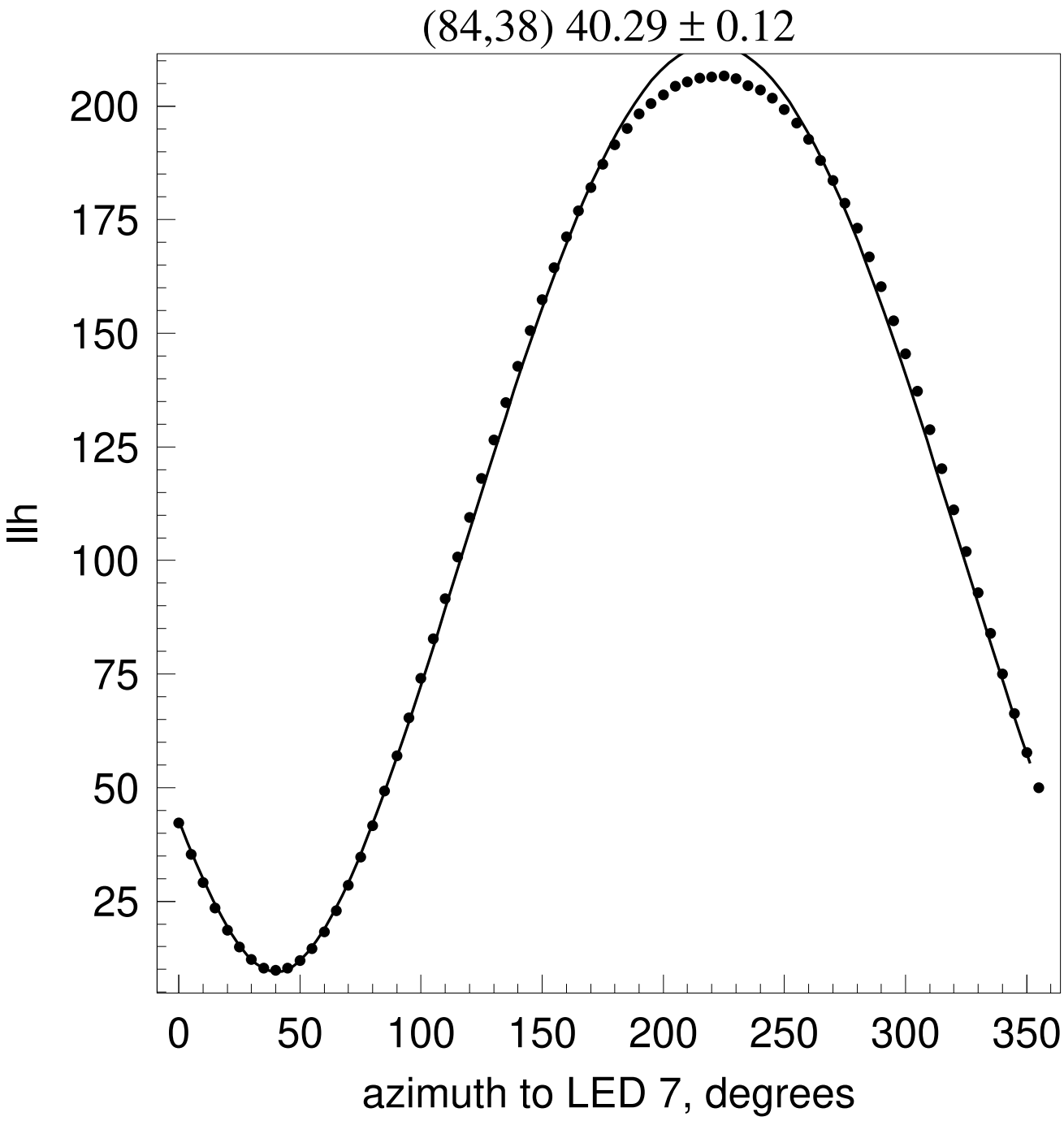

(84,33) 290.16 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

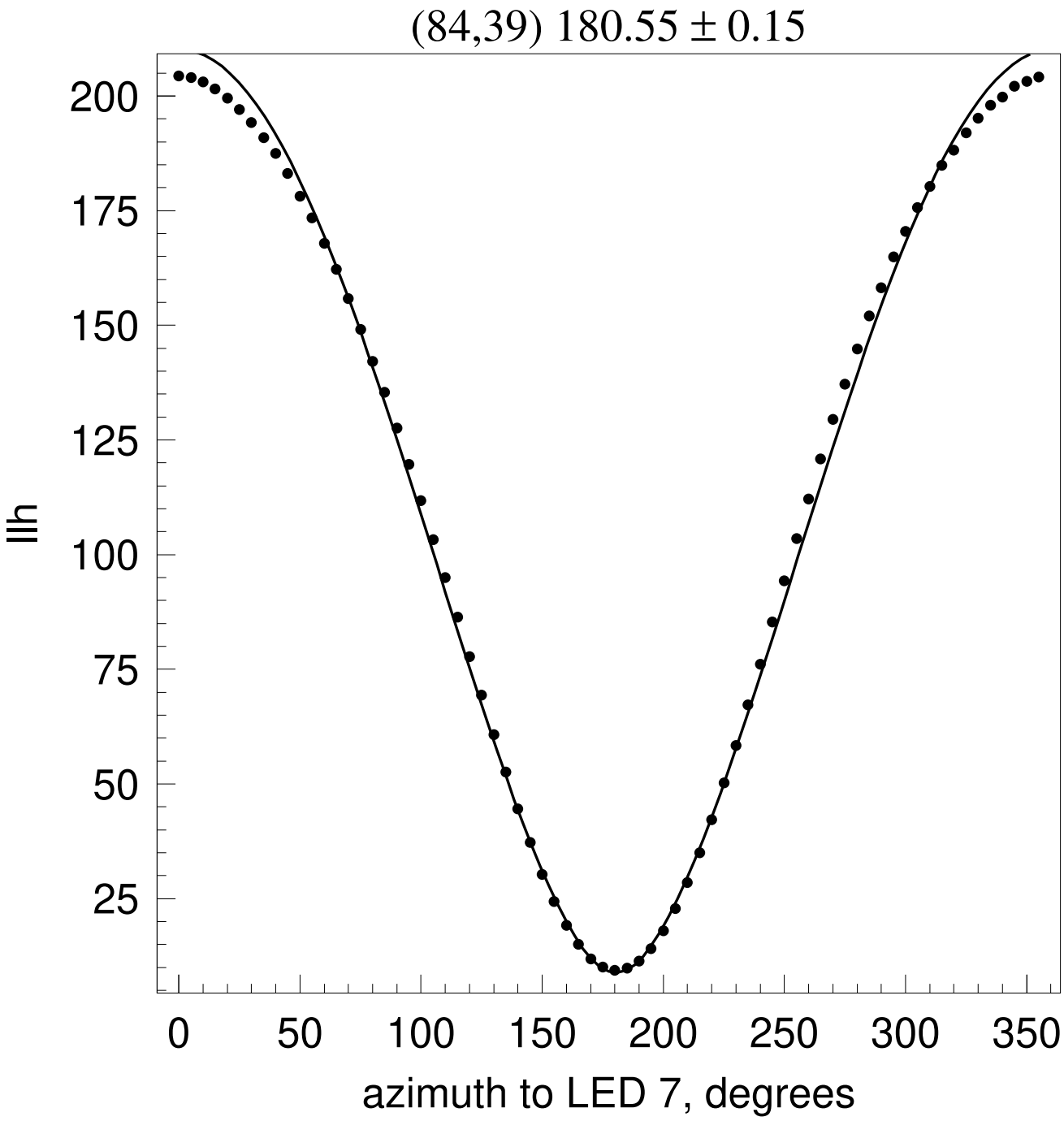

(84,34) 26.08 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

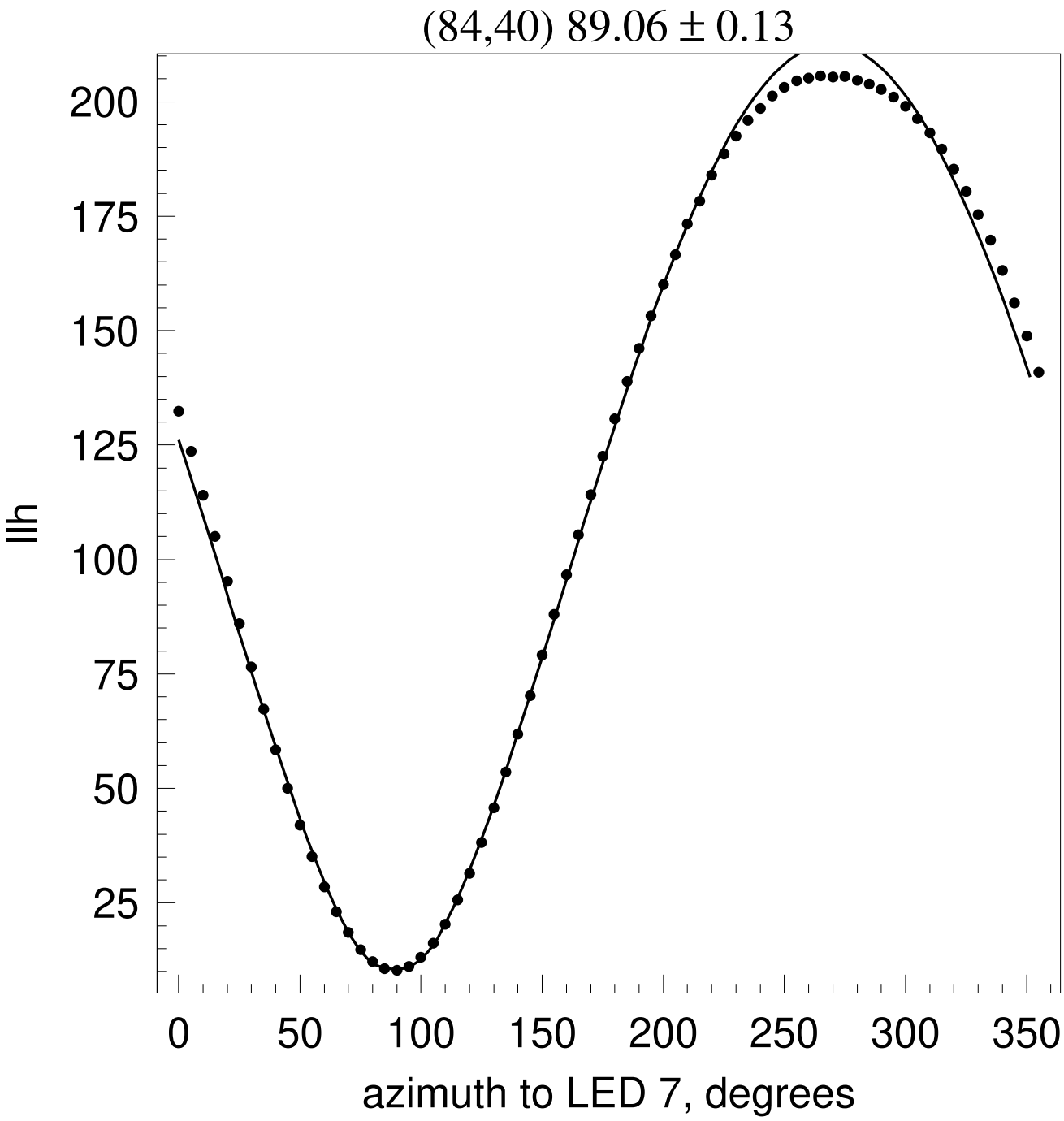

(84,35) 24.56 ± 0.16
160
140
120
100
80
60
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

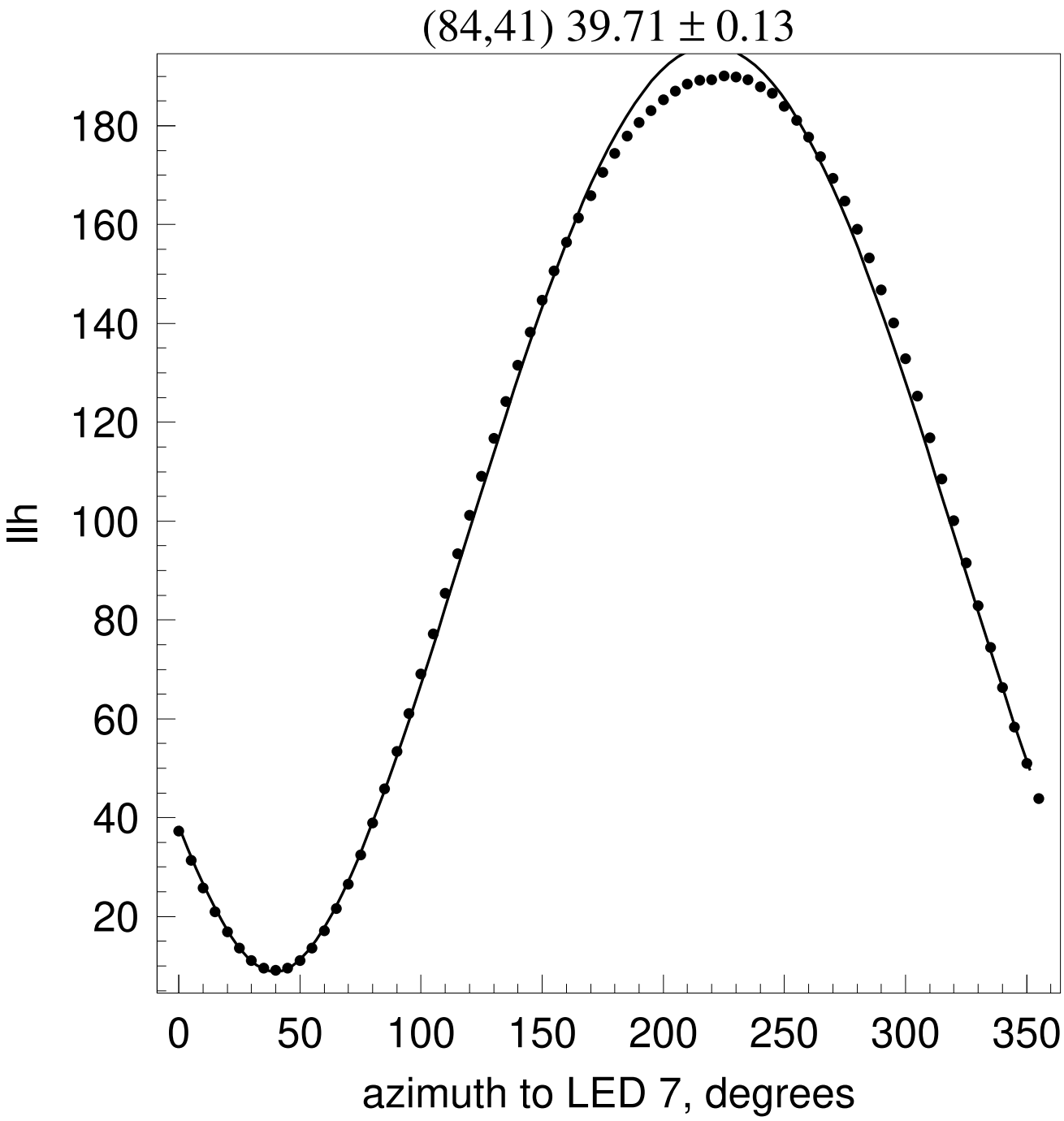

(84,36) 34.20 ± 0.08
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

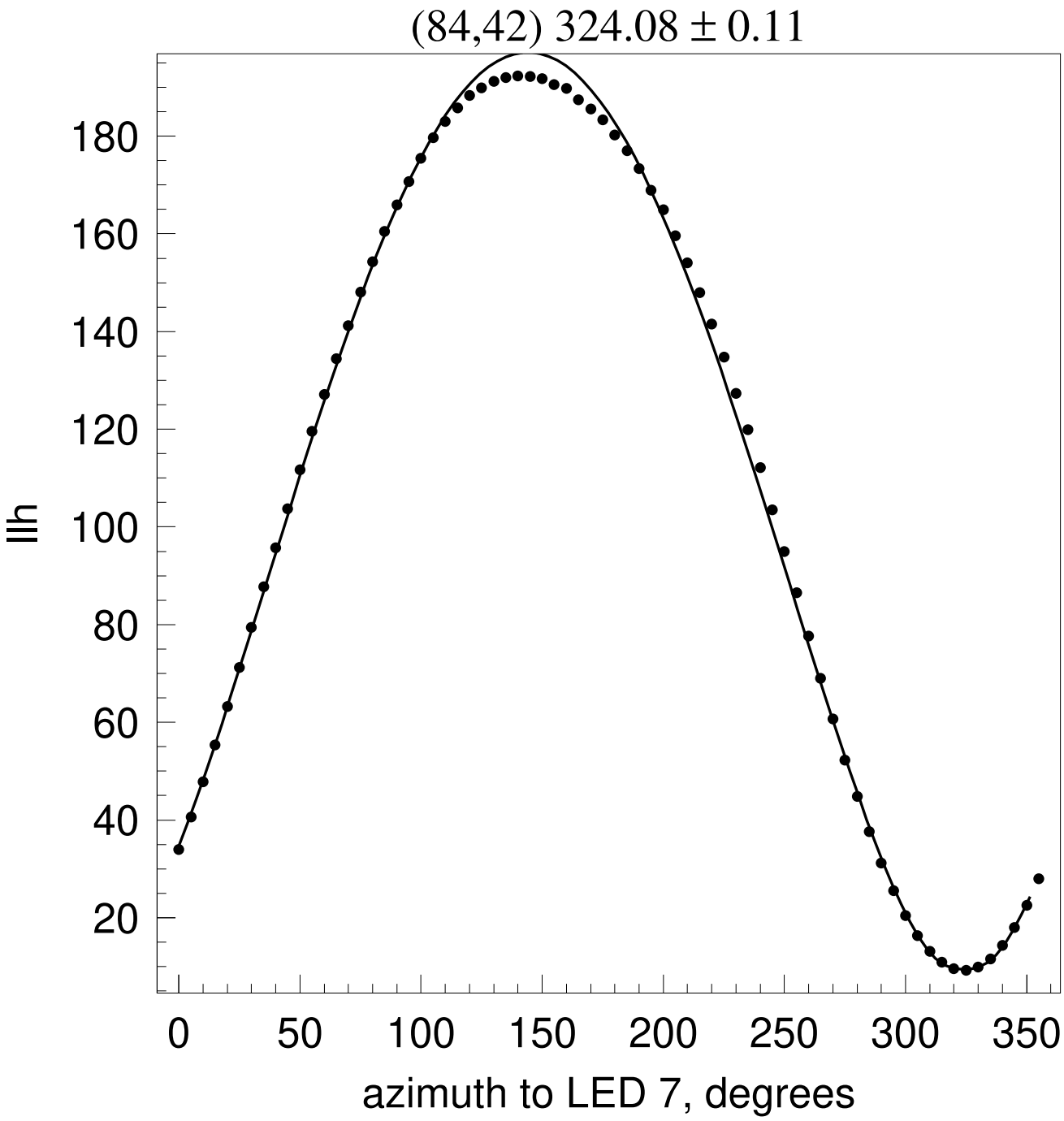

(84,37) 244.29 ± 1.91
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

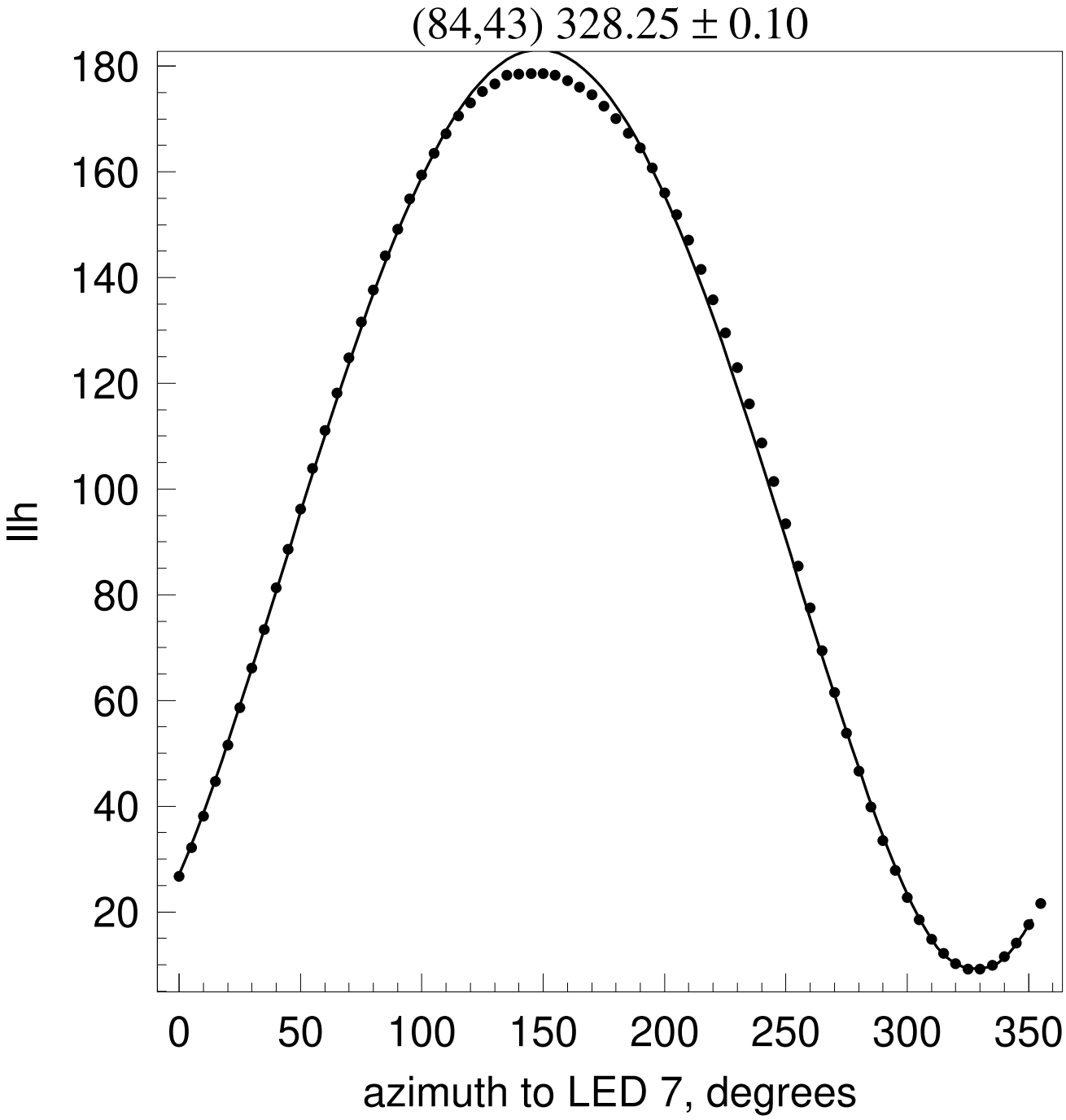

(84,38) 40.29 ± 0.12
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

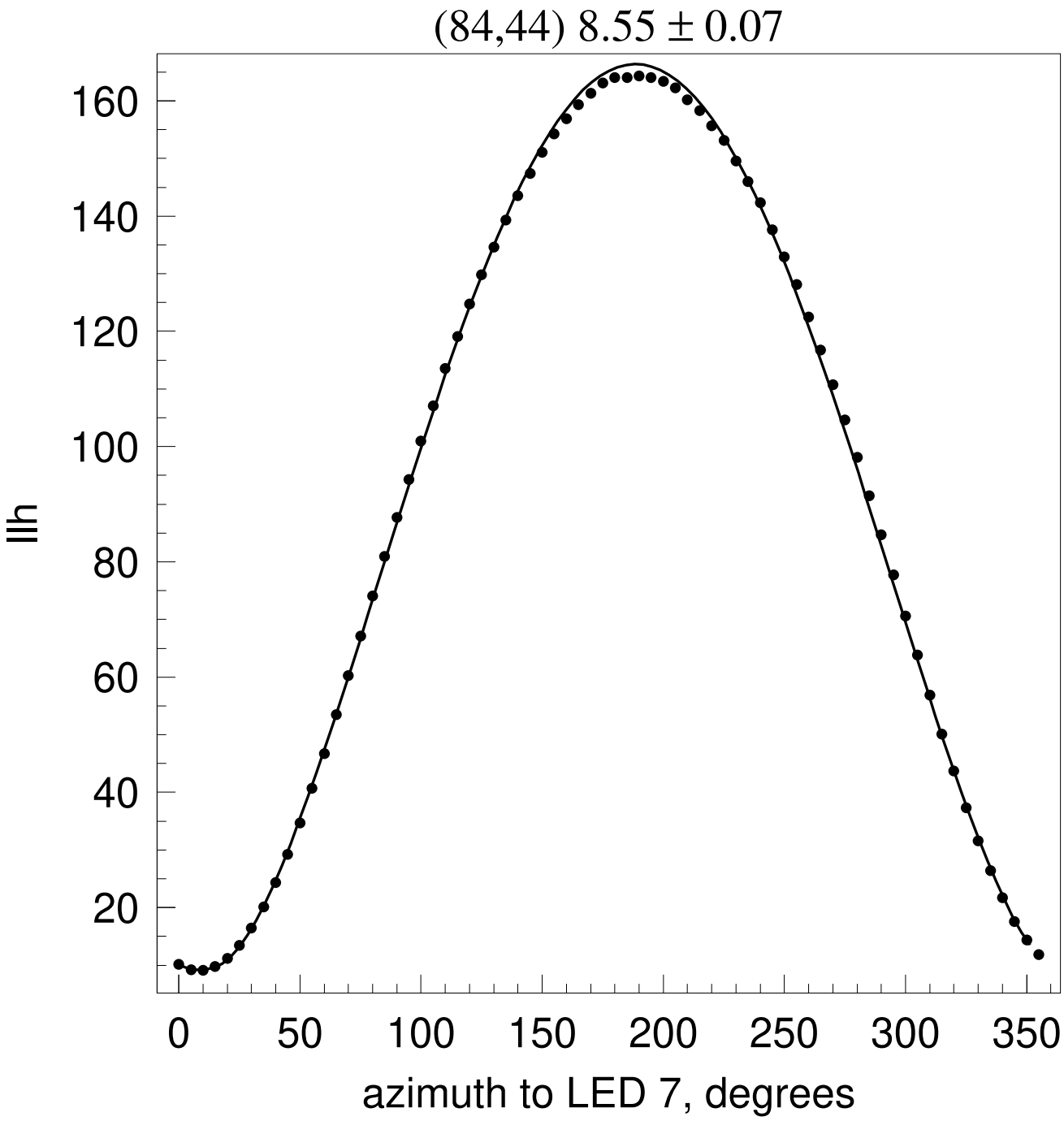

(84,39) 180.55 ± 0.15
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

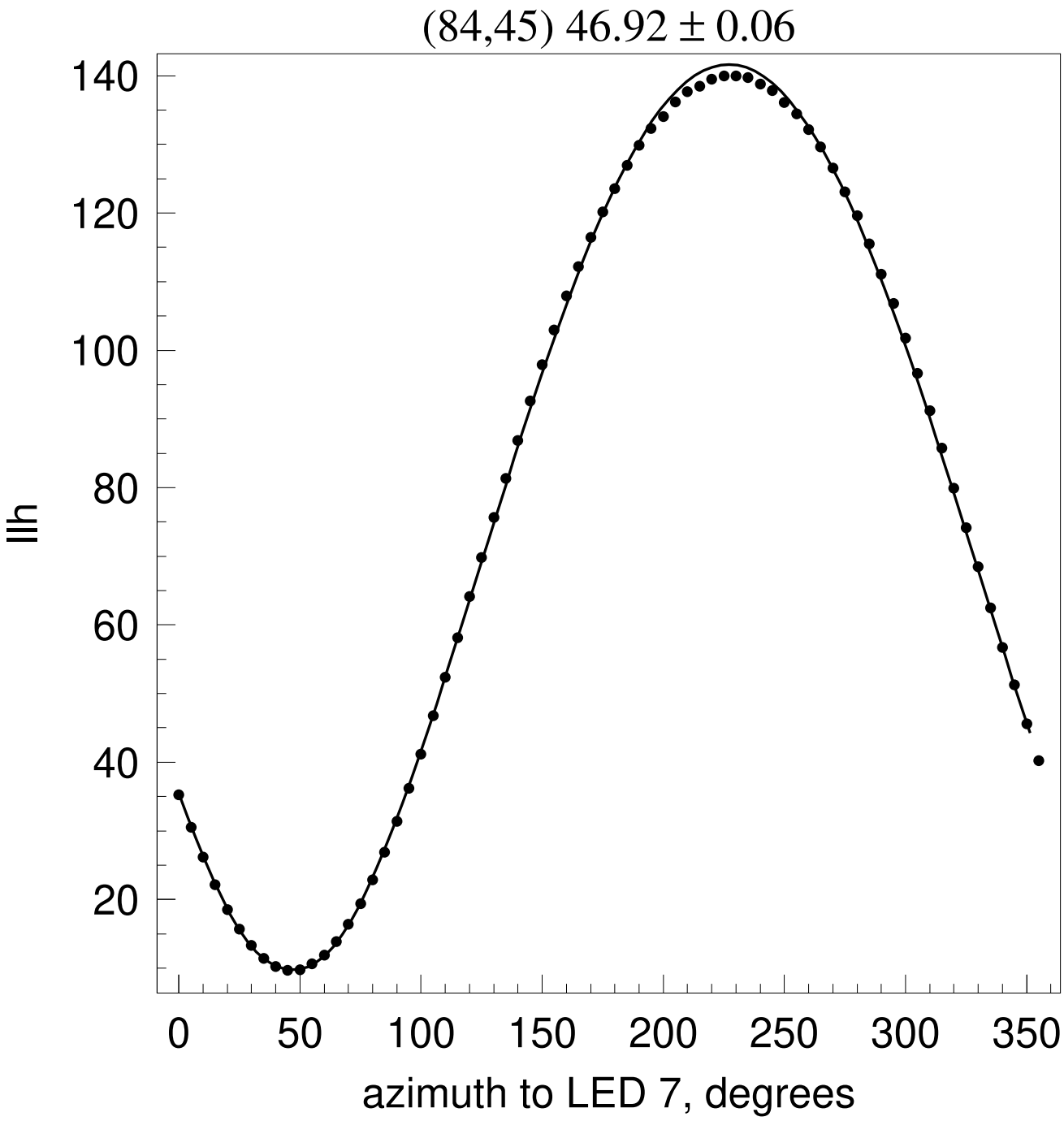

(84,40) 89.06 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

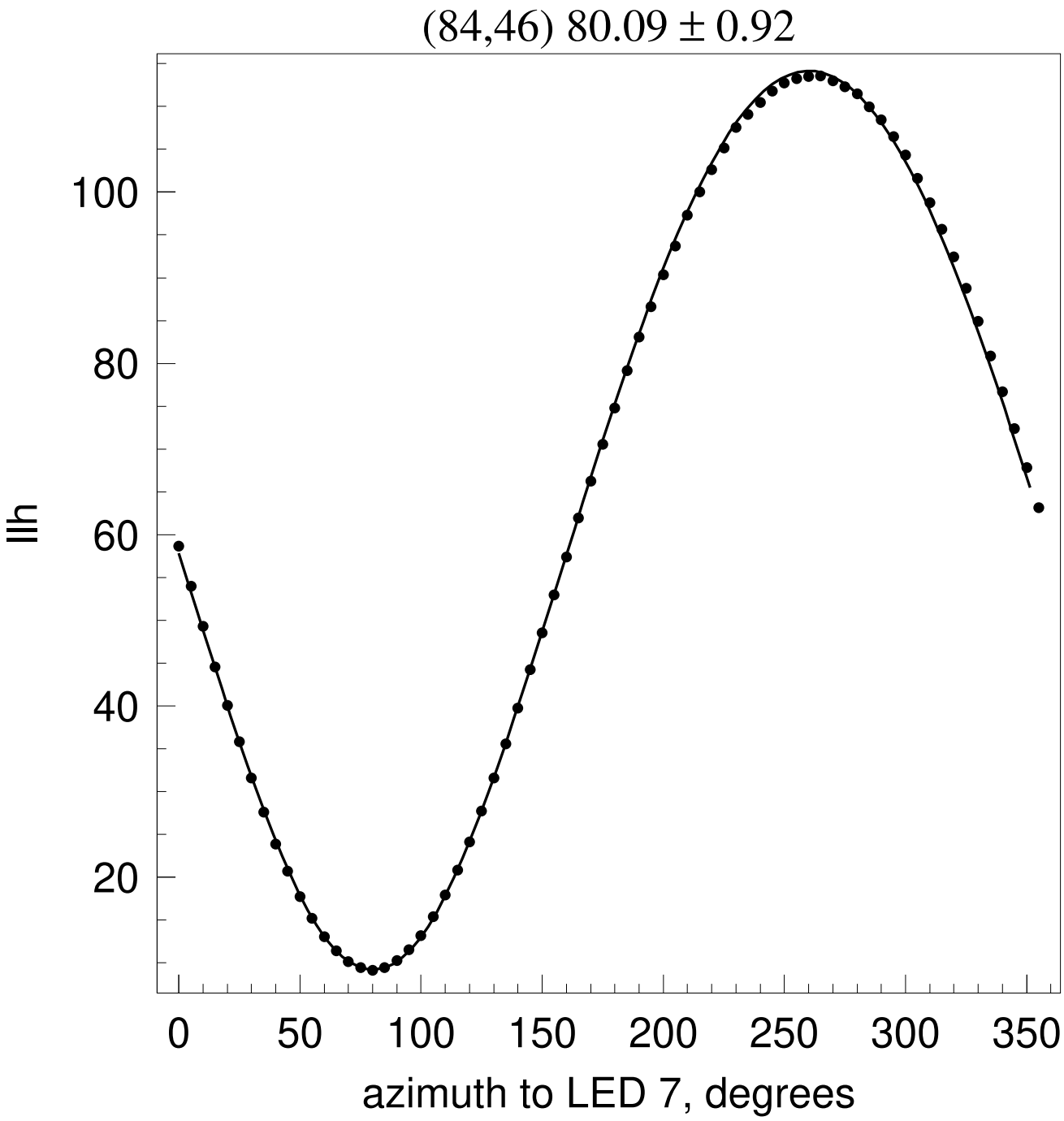

(84,41) 39.71 ± 0.13
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

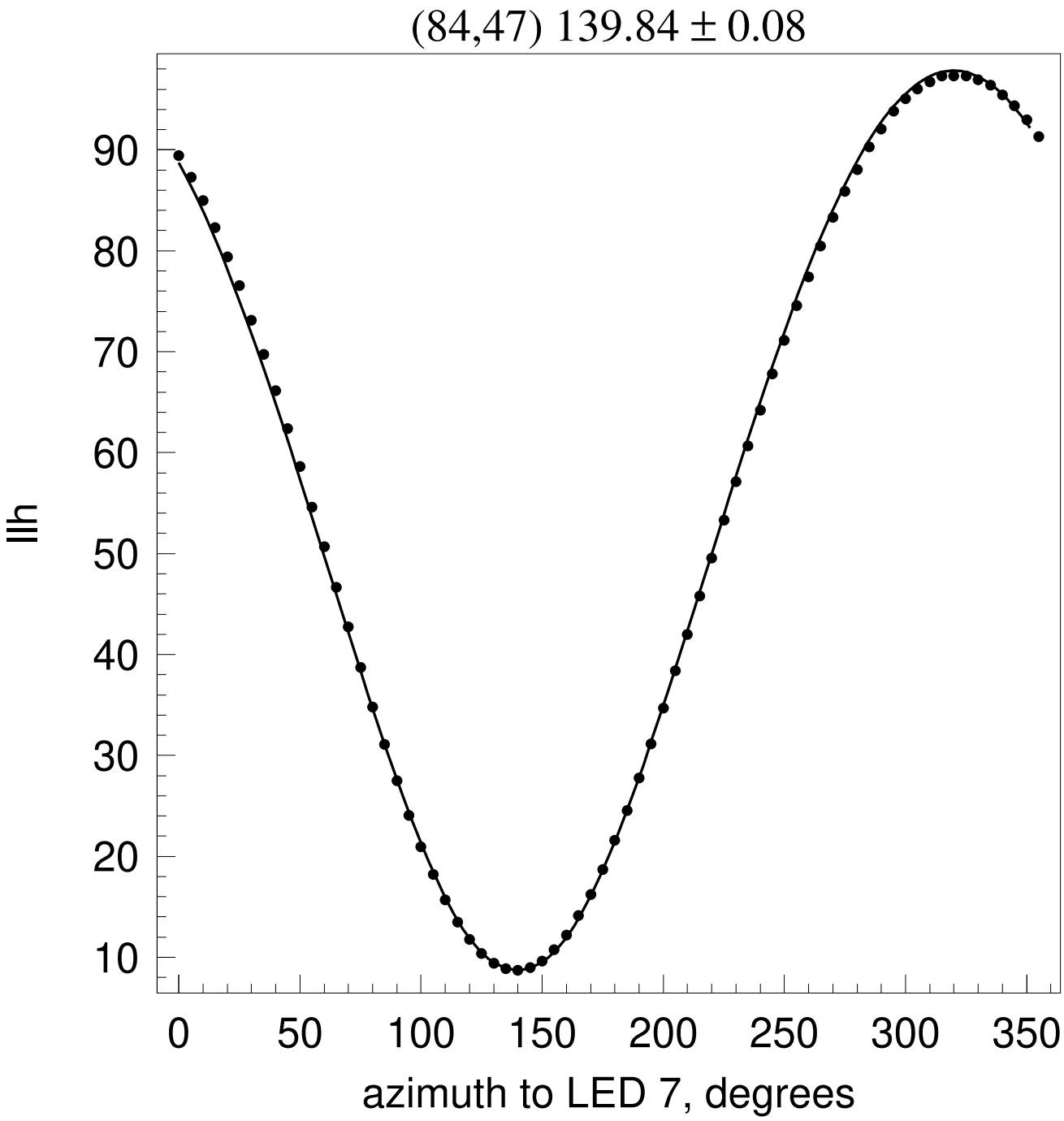

(84,42) 324.08 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

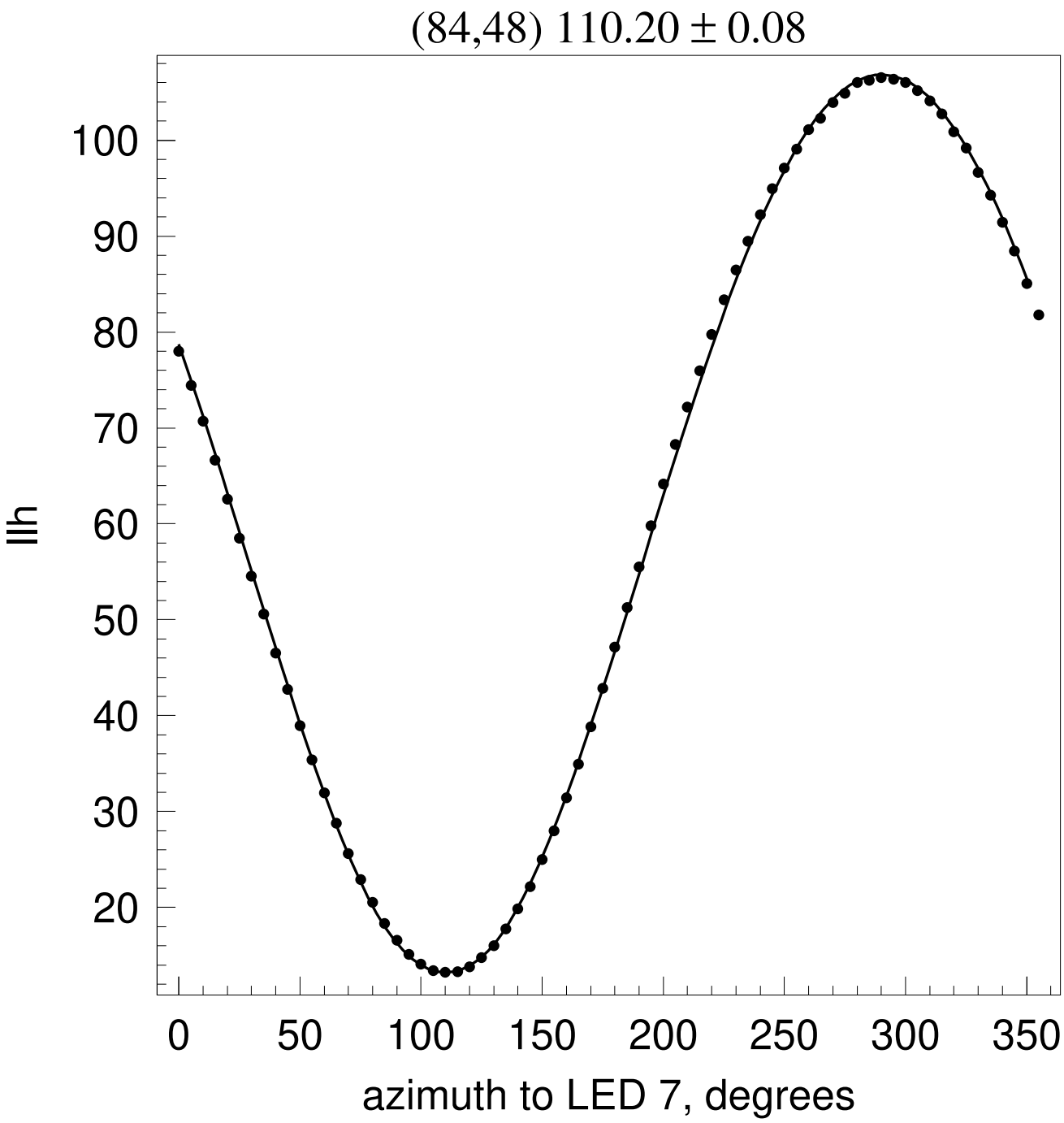

(84,43) 328.25 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

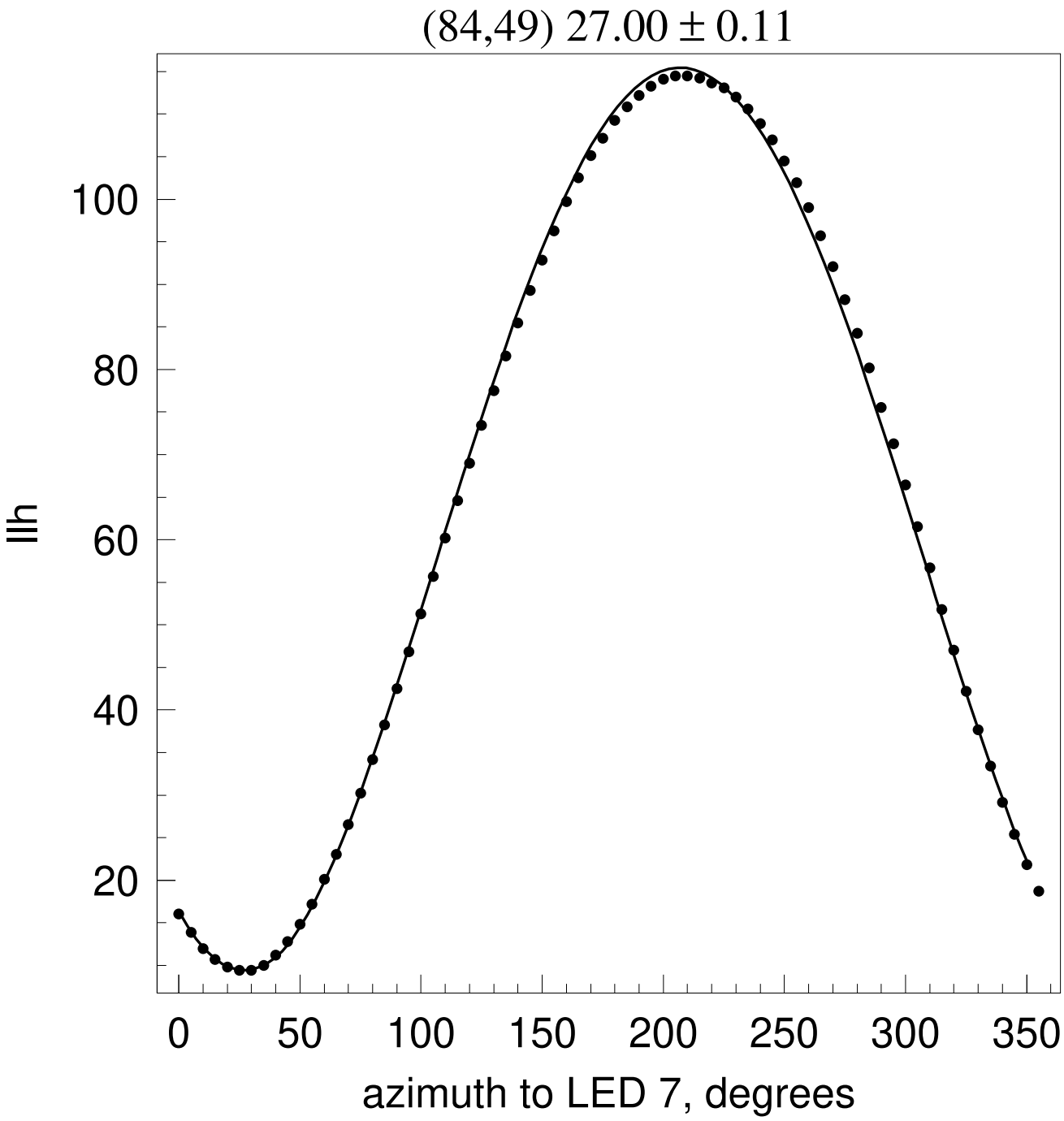

(84,44) 8.55 ± 0.07
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

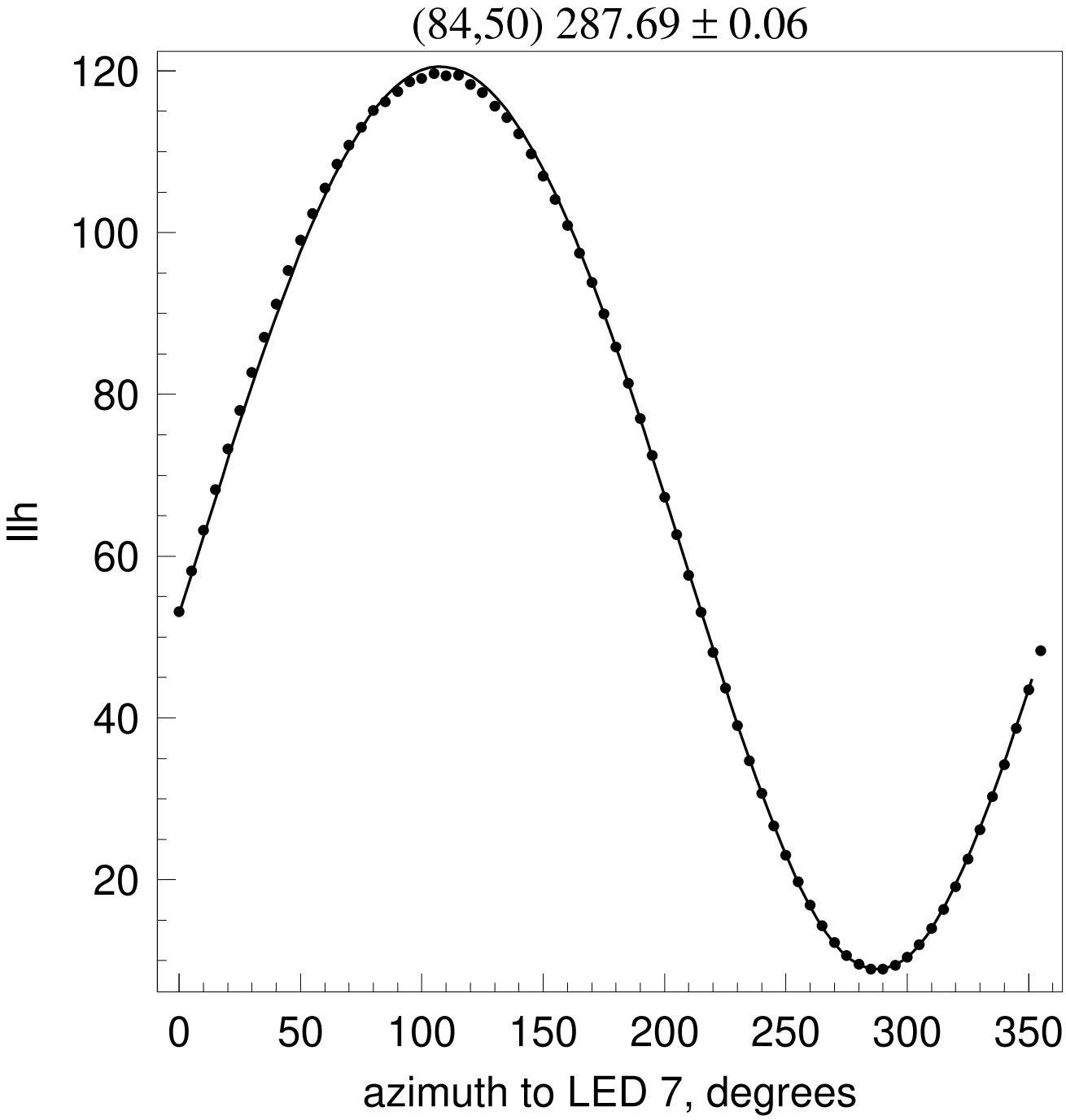

(84,45) 46.92 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

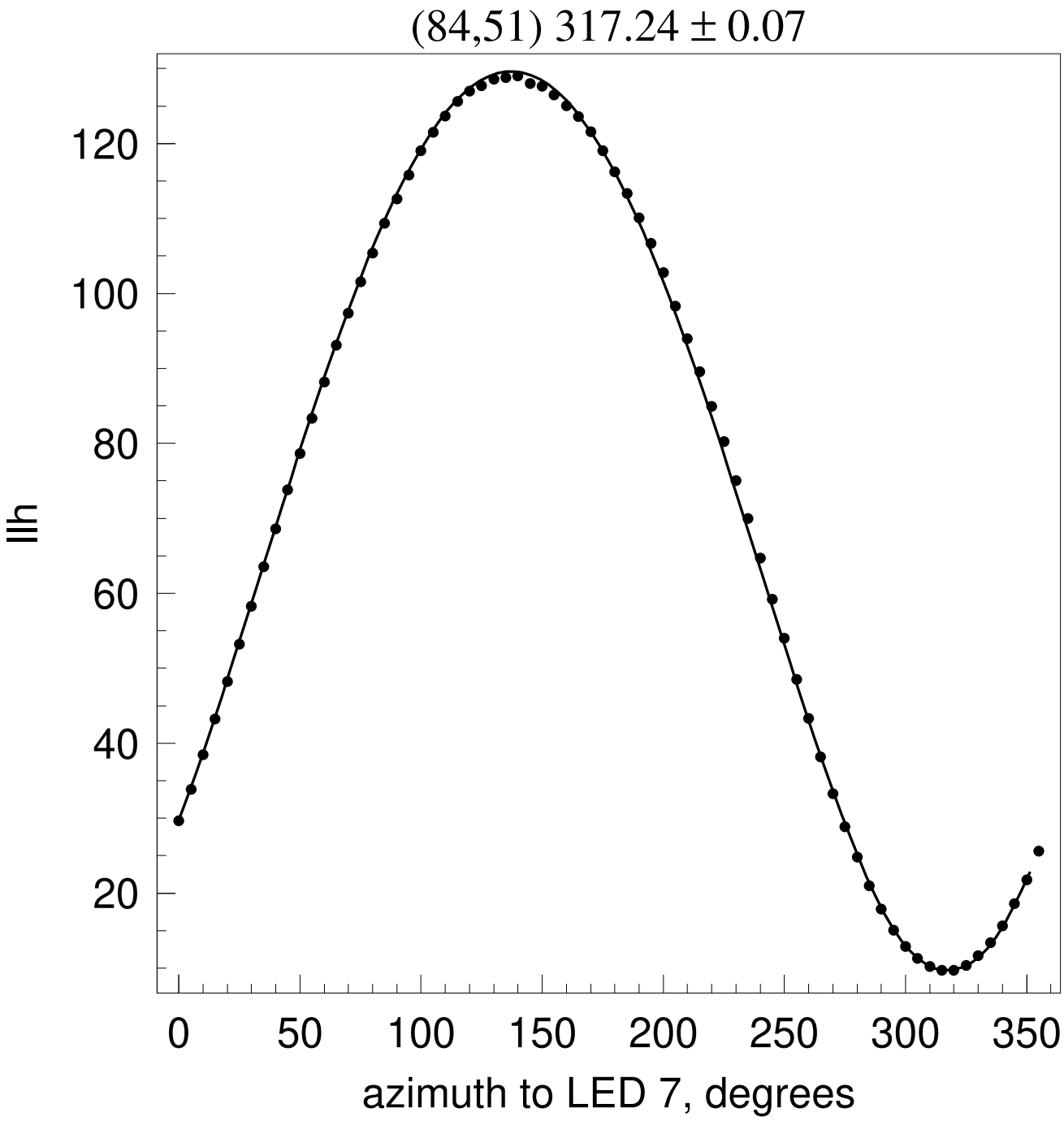

(84,46) 80.09 ± 0.92
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

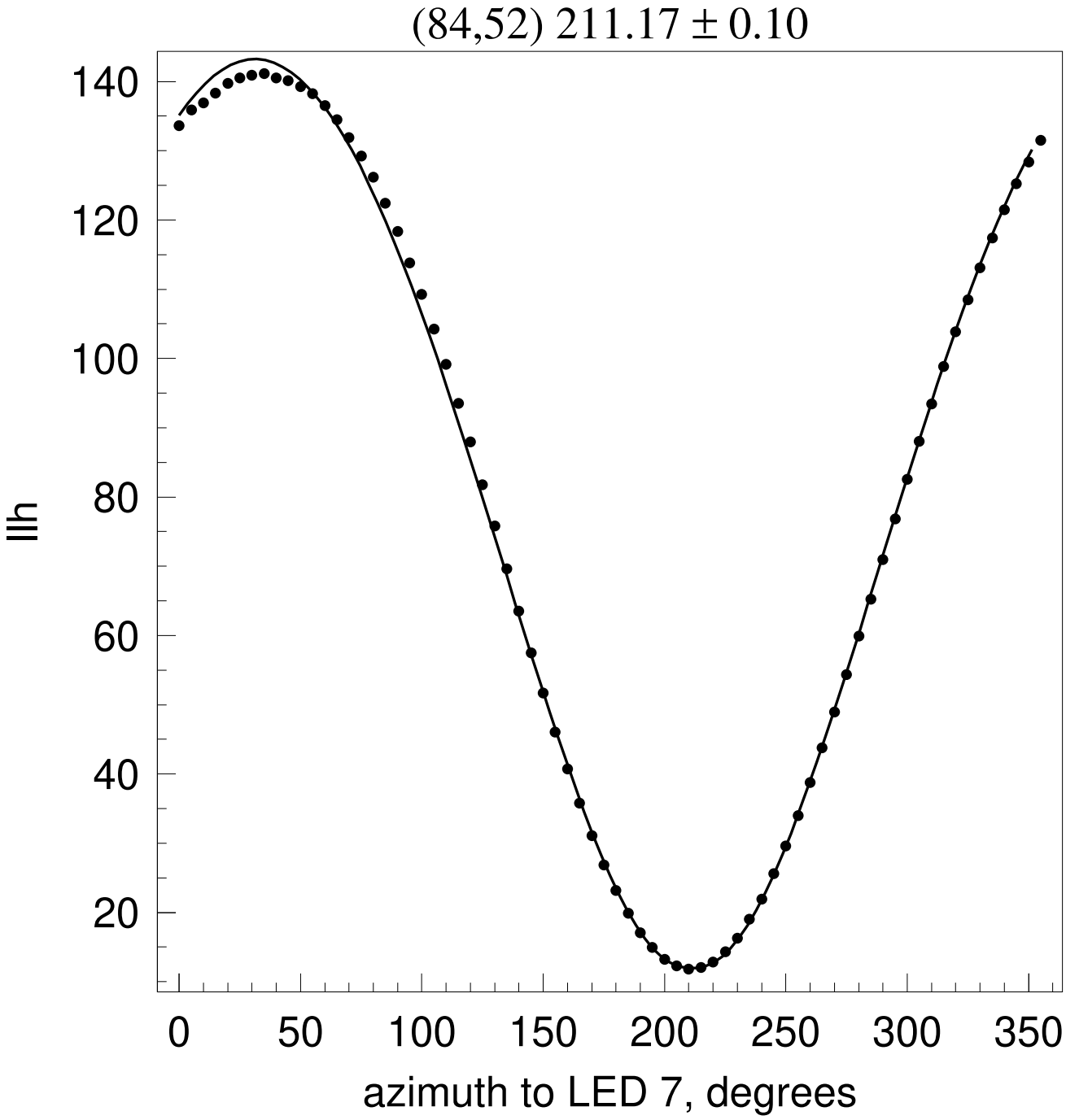

(84,47) 139.84 ± 0.08
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

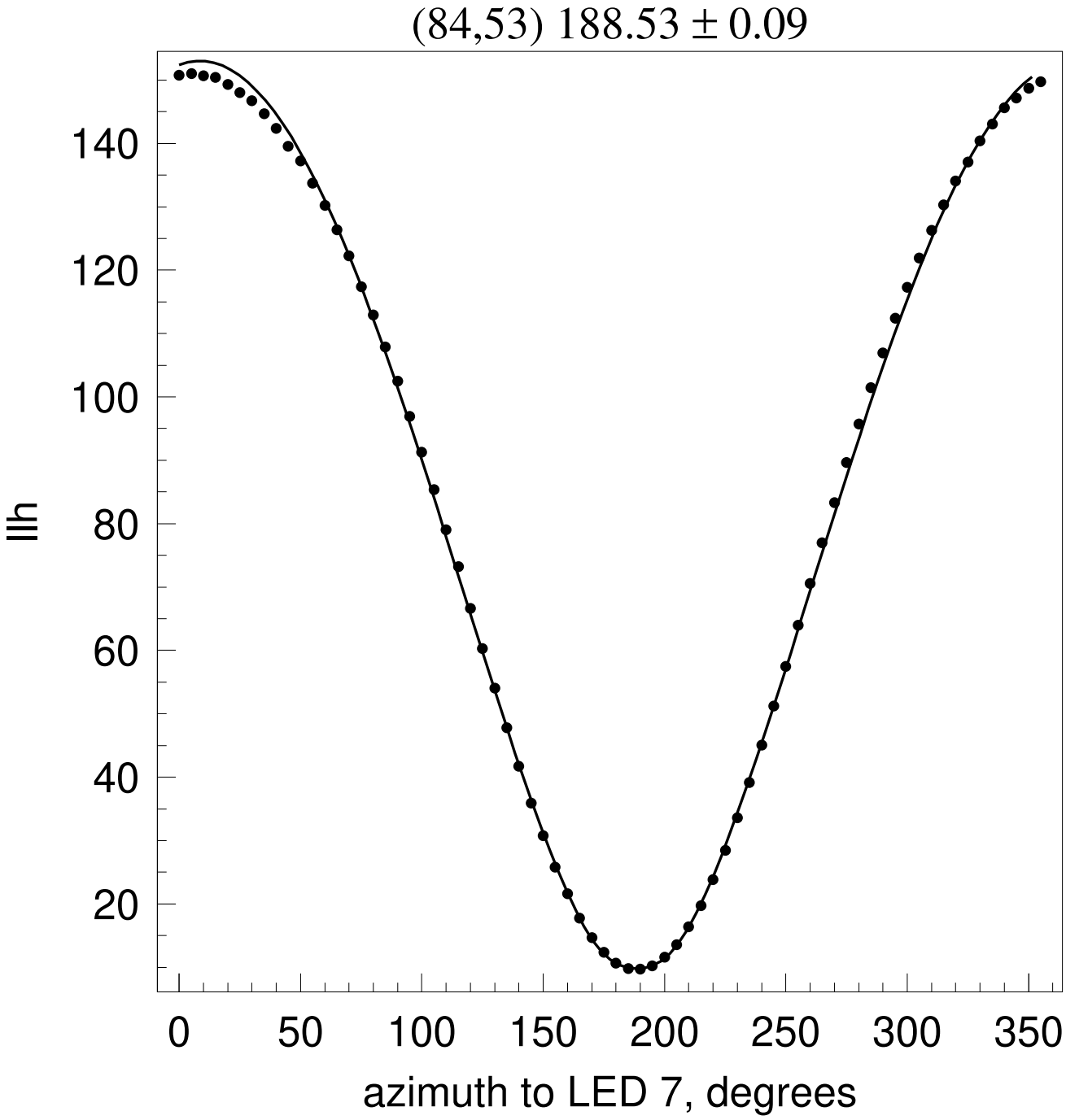

(84,48) 110.20 ± 0.08
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

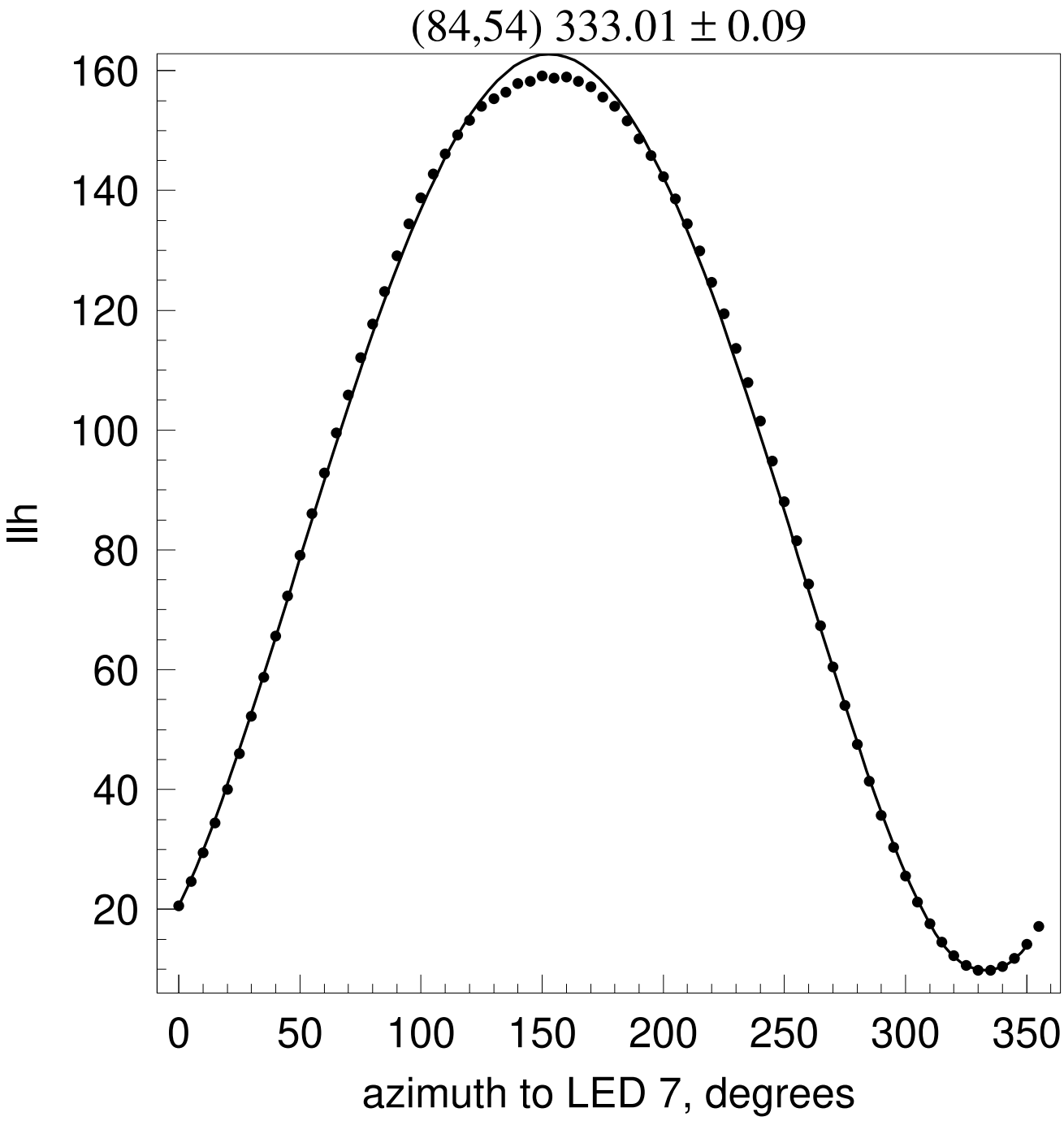

(84,49) 27.00 ± 0.11
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

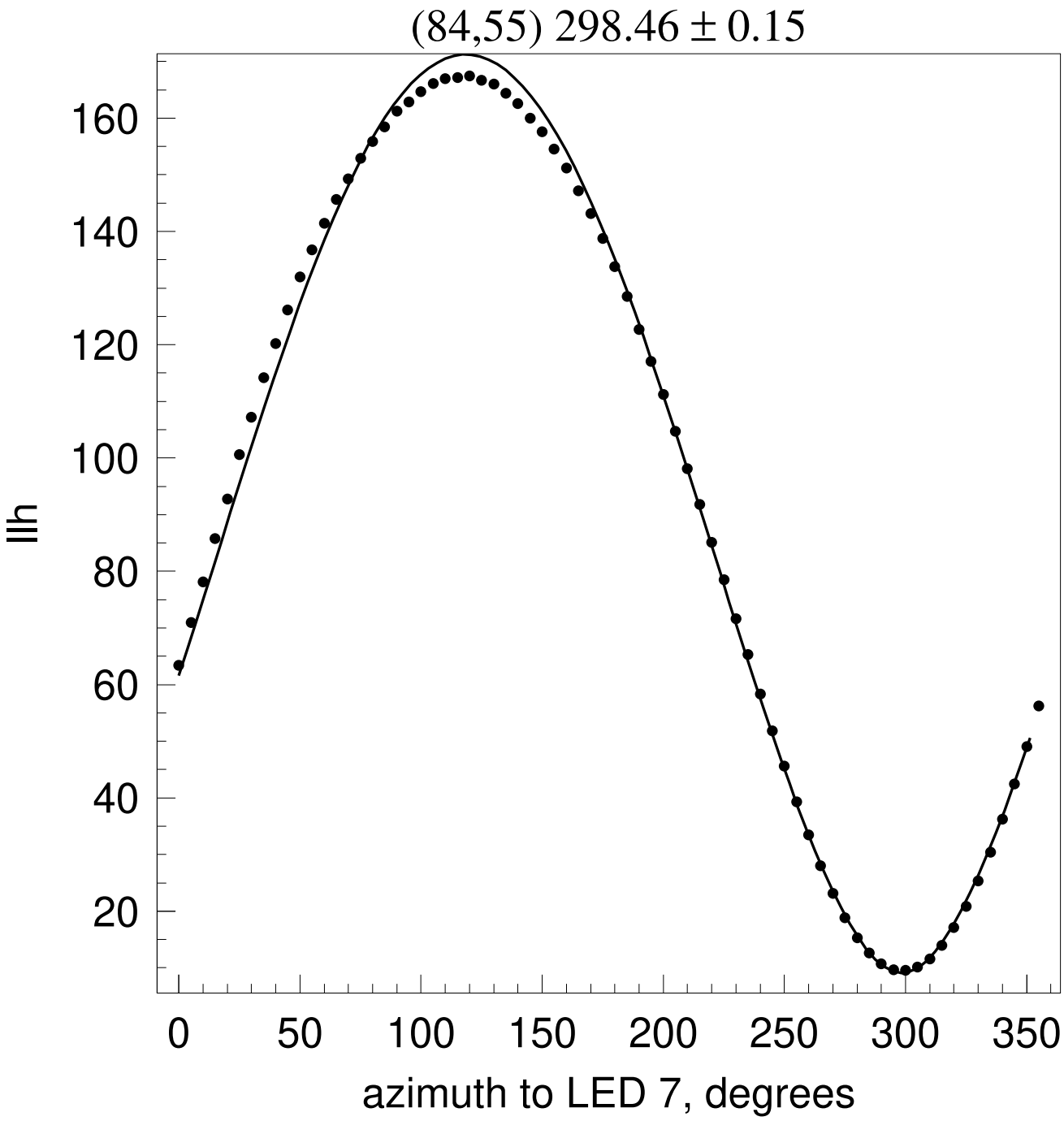

(84,50) 287.69 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

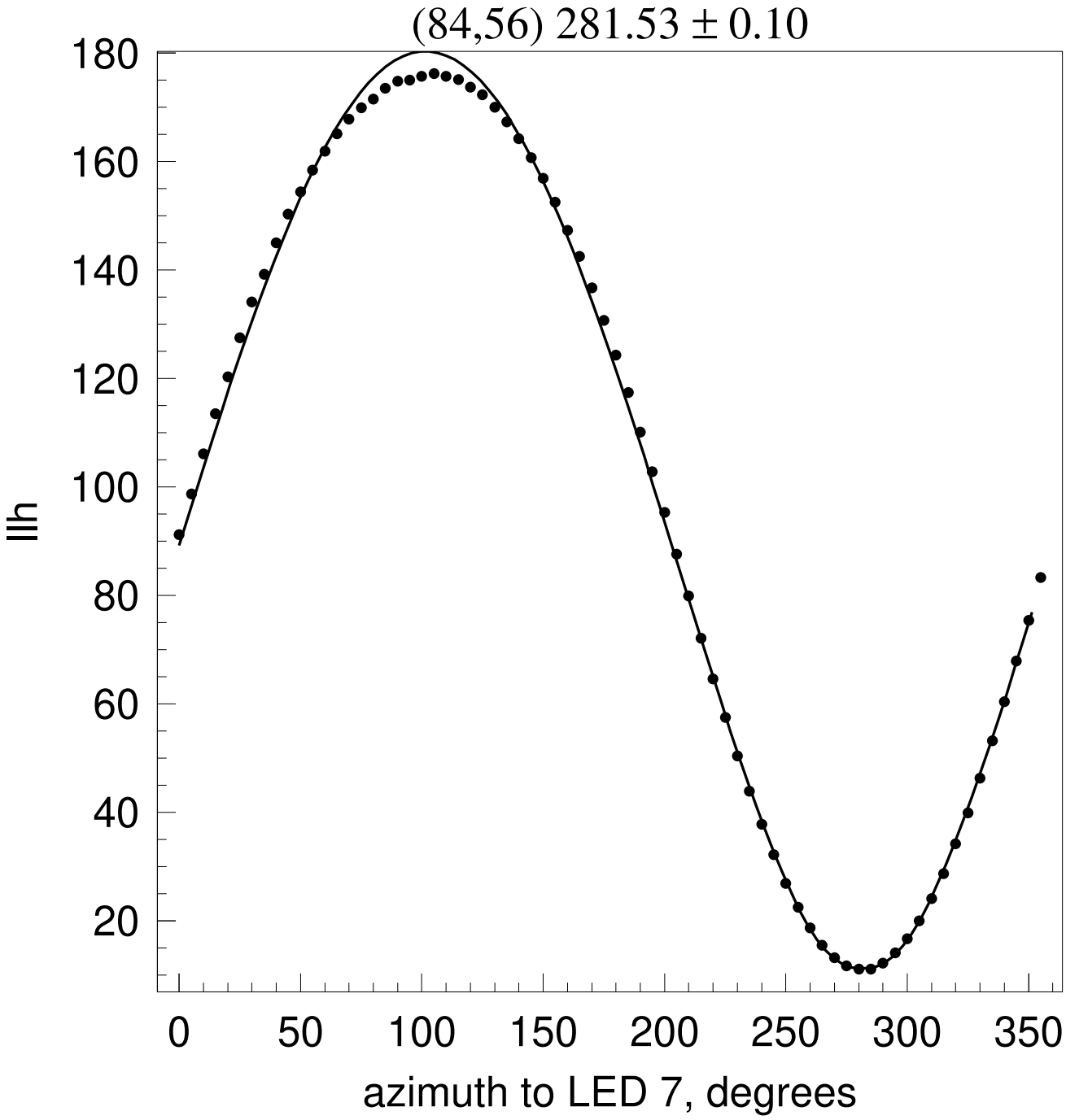

(84,51) 317.24 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

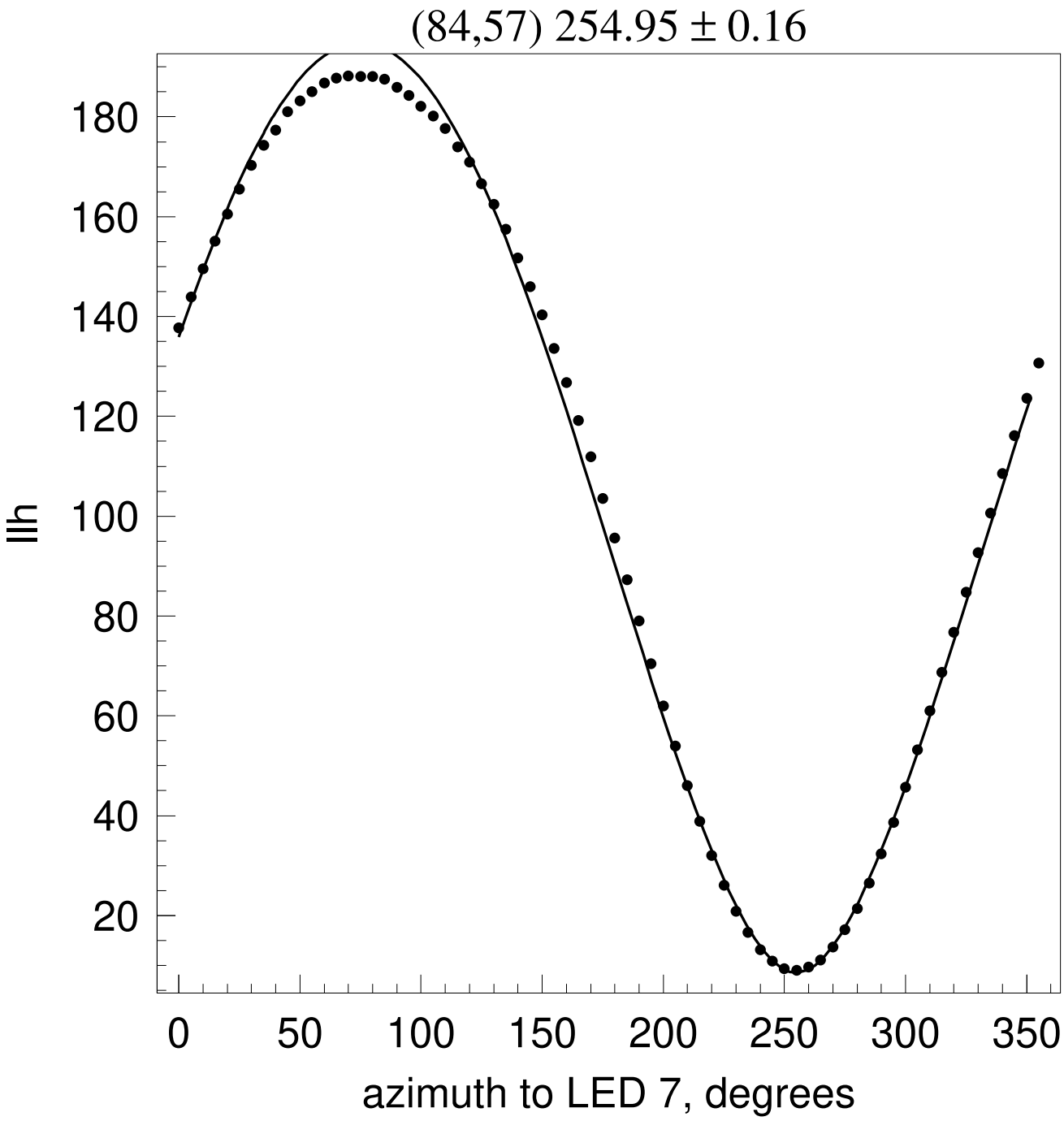

(84,52) 211.17 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

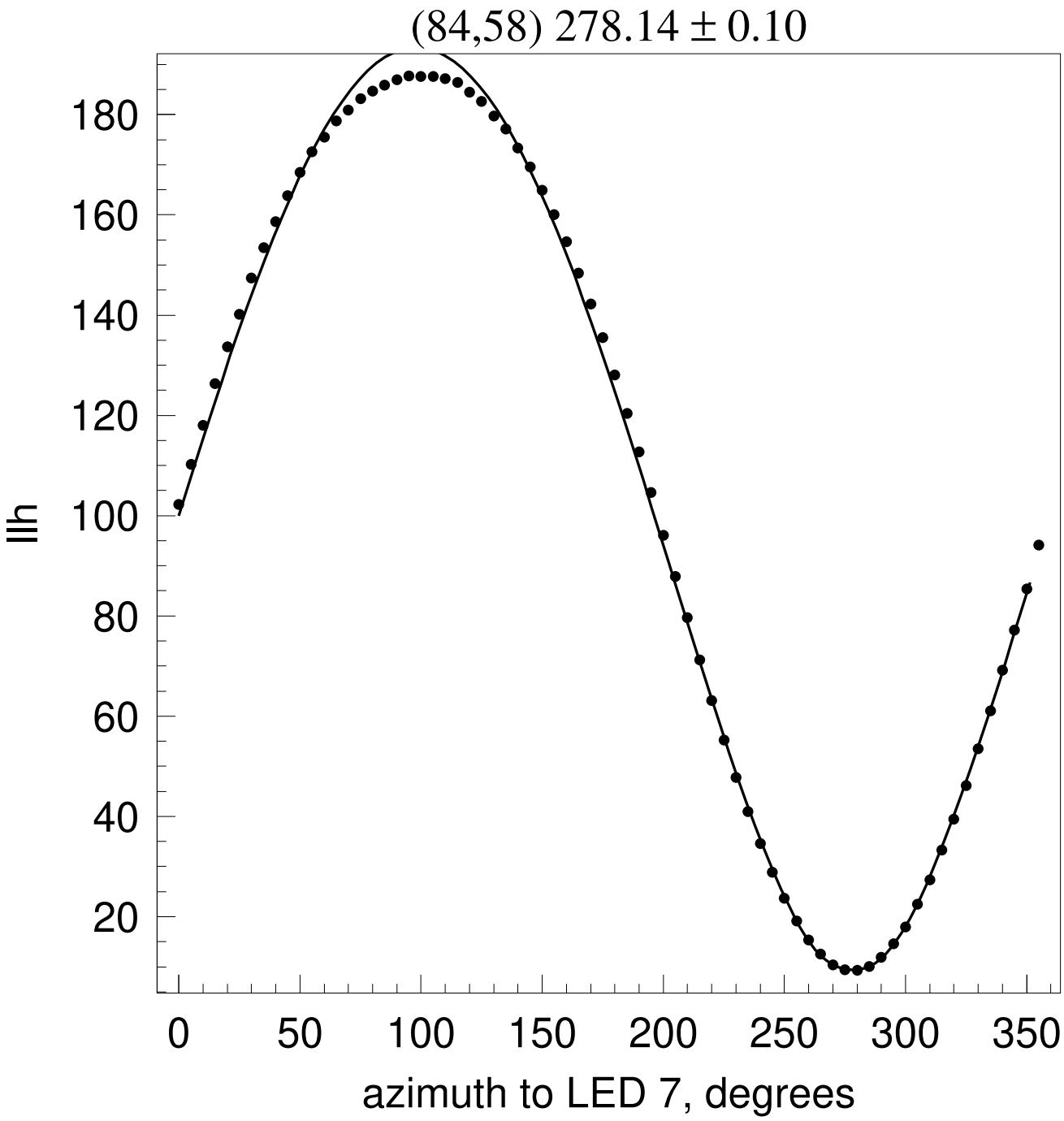

(84,53) 188.53 ± 0.09
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

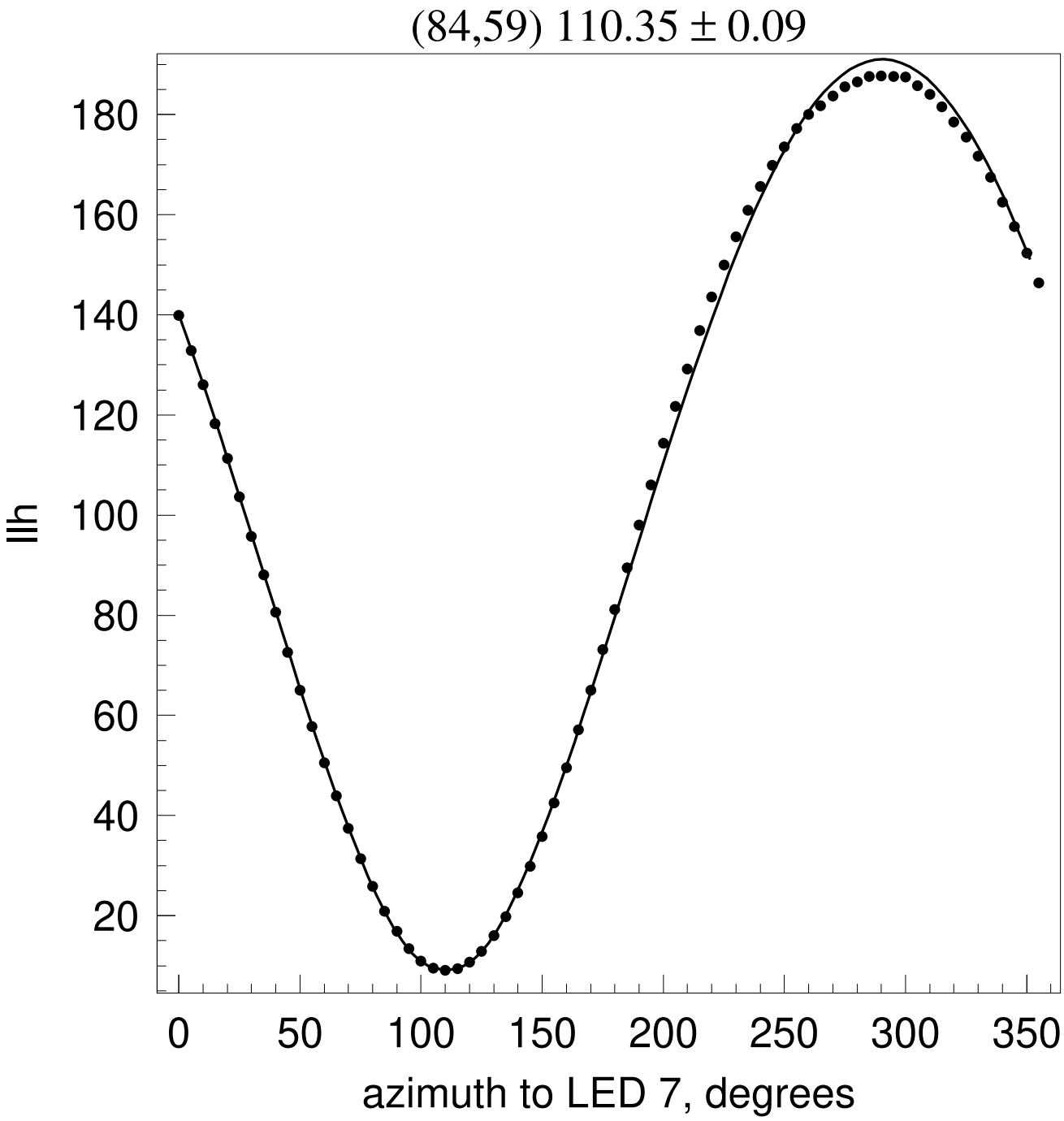

(84,54) 333.01 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

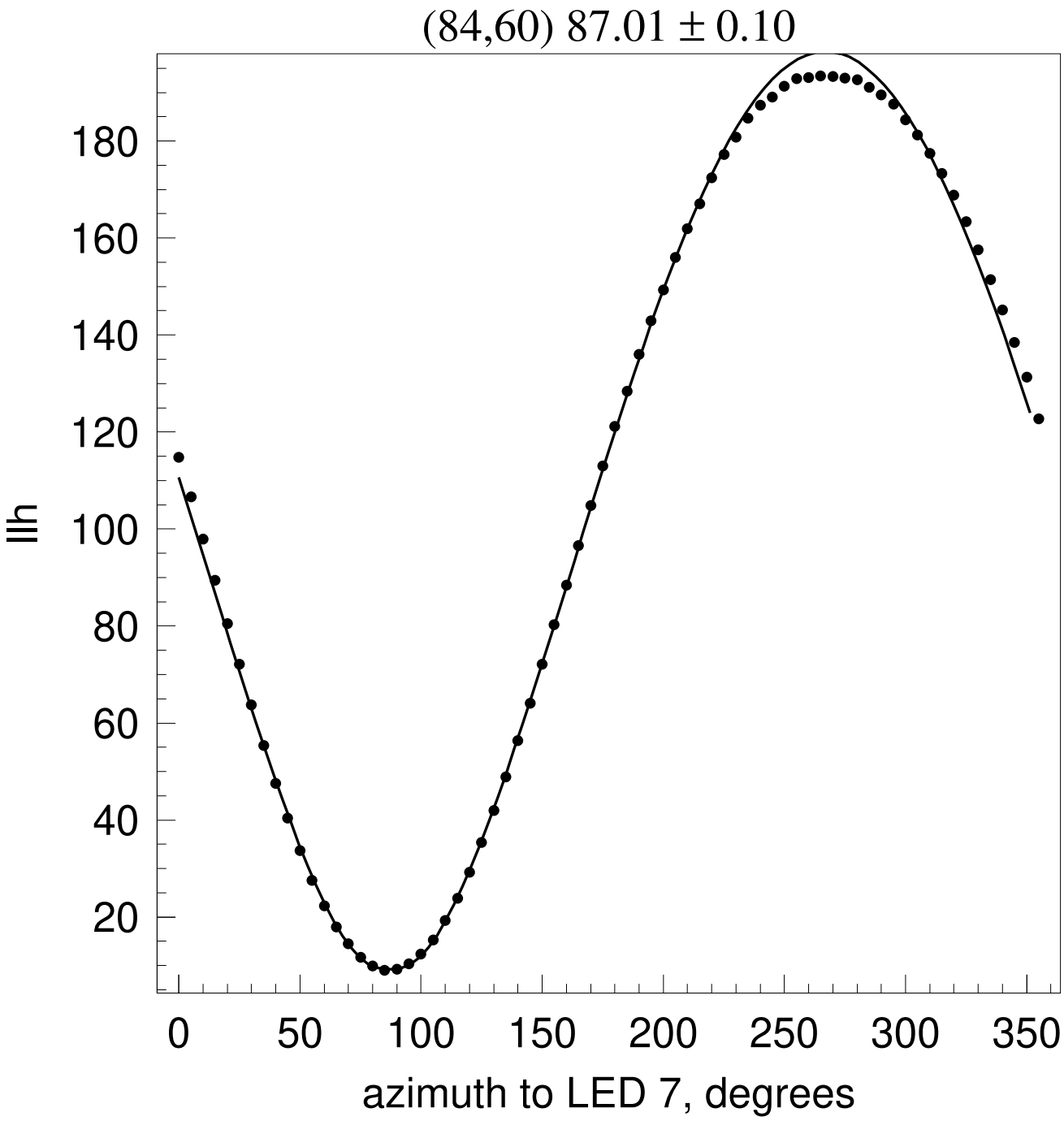

(84,55) 298.46 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

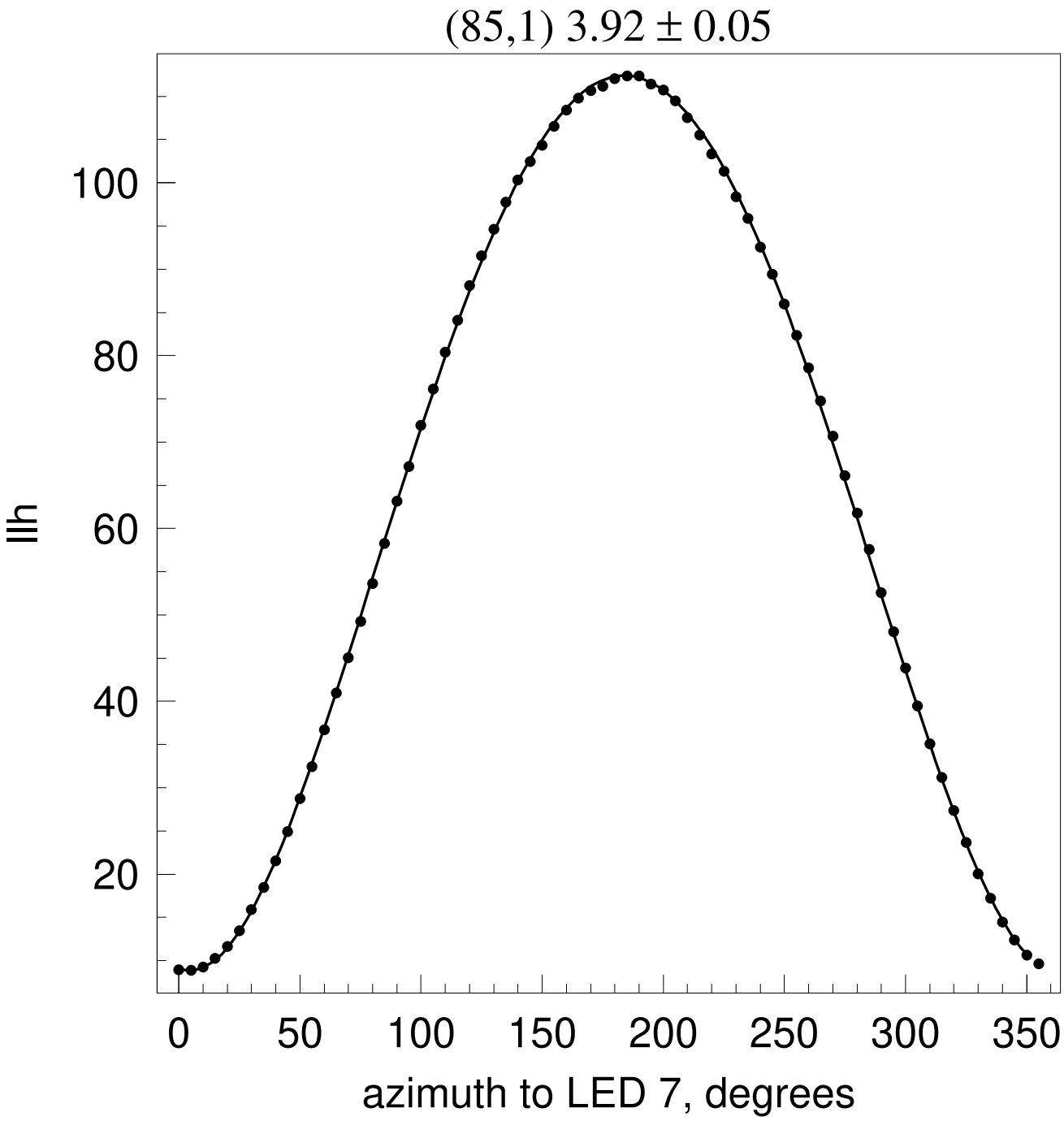

(84,56) 281.53 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

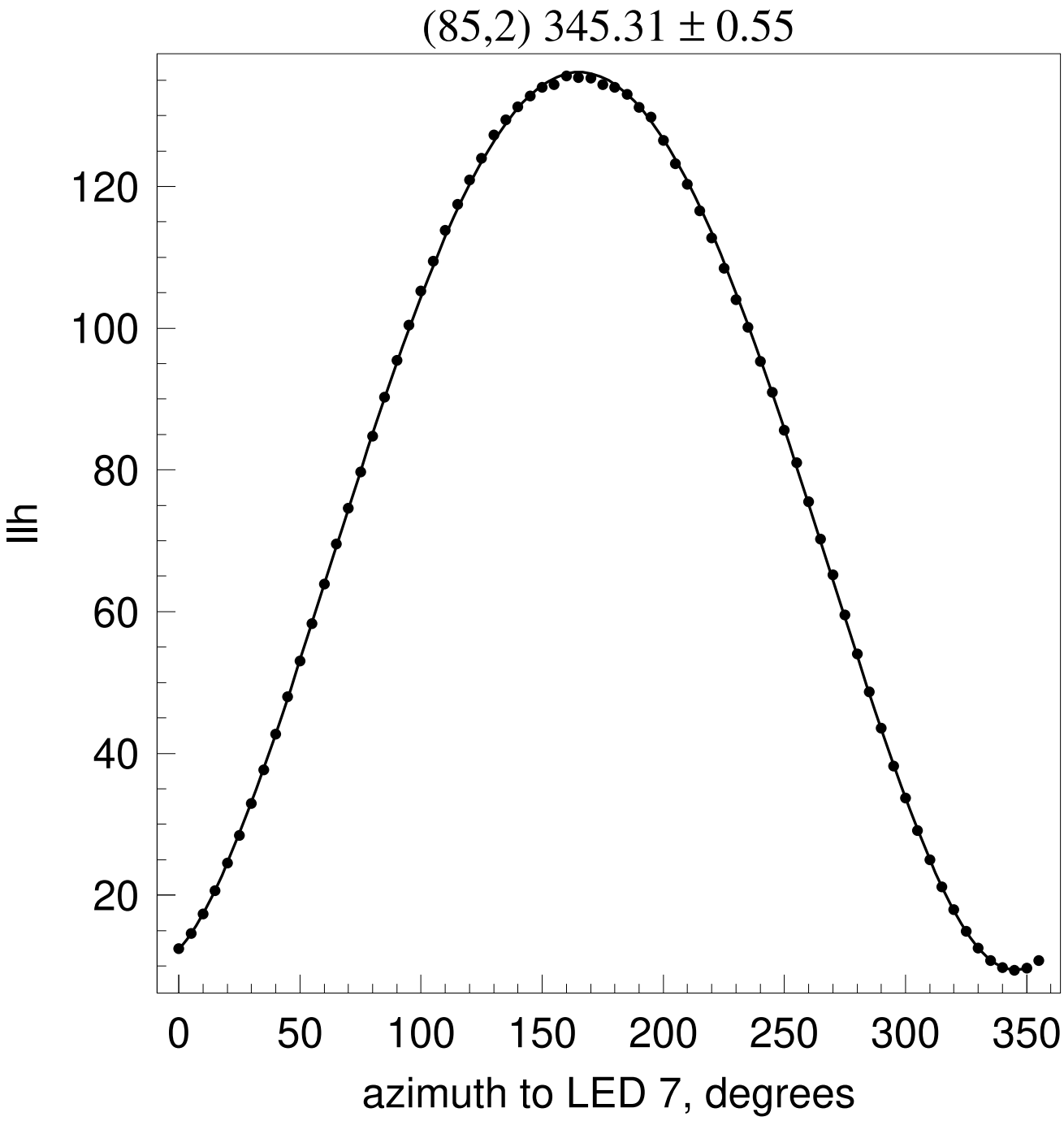

(84,57) 254.95 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

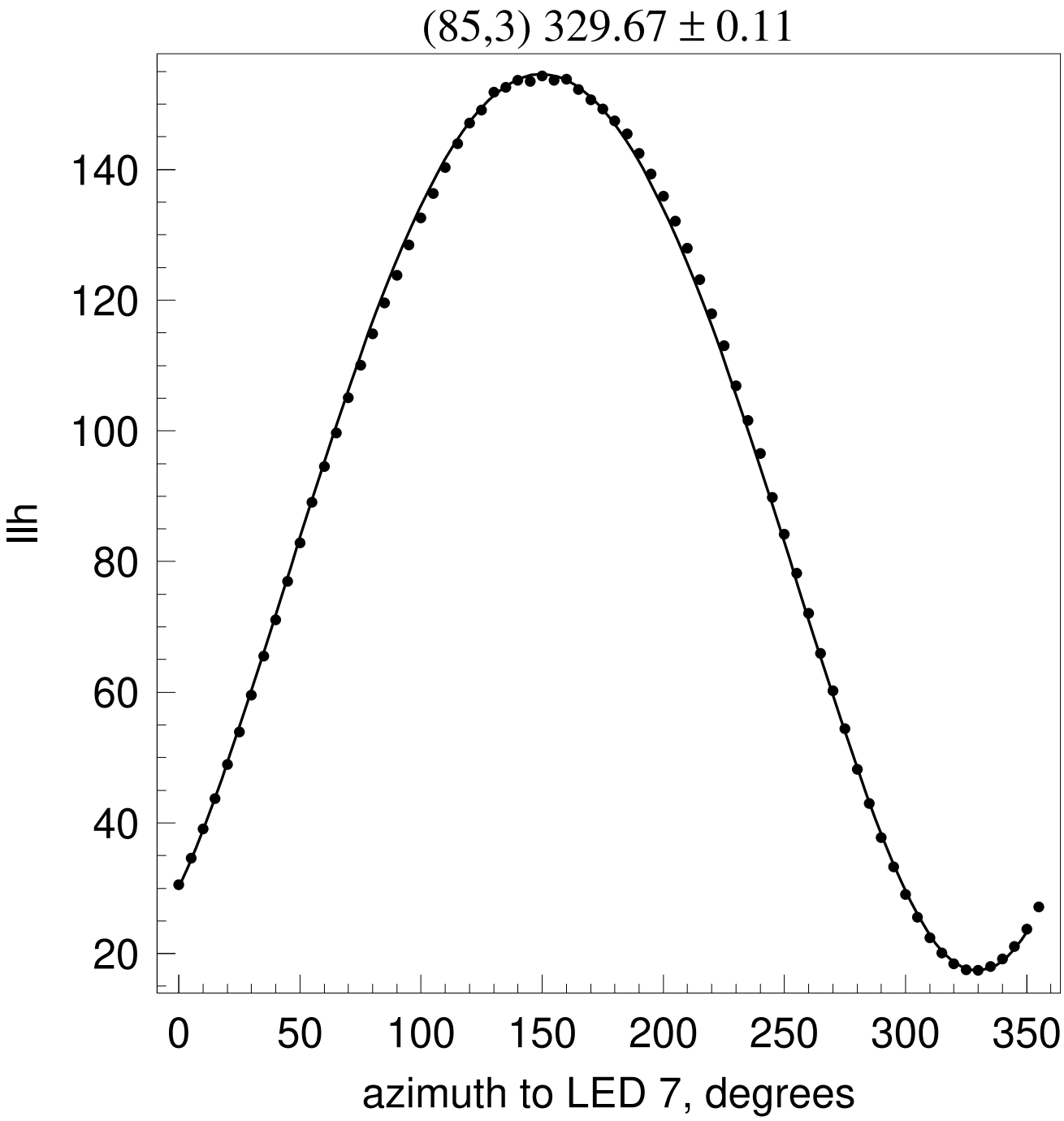

(84,58) 278.14 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

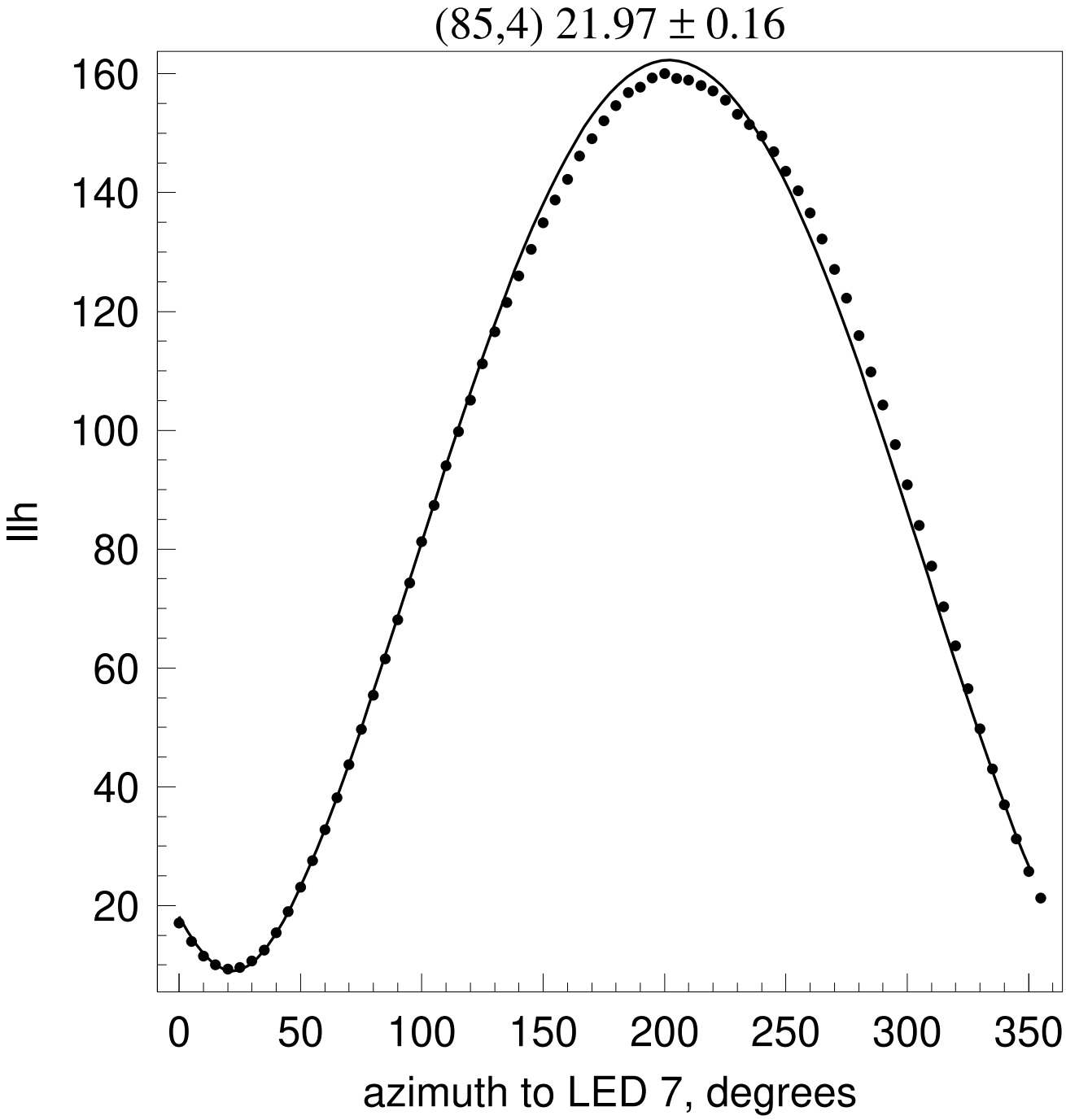

(84,59) 110.35 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

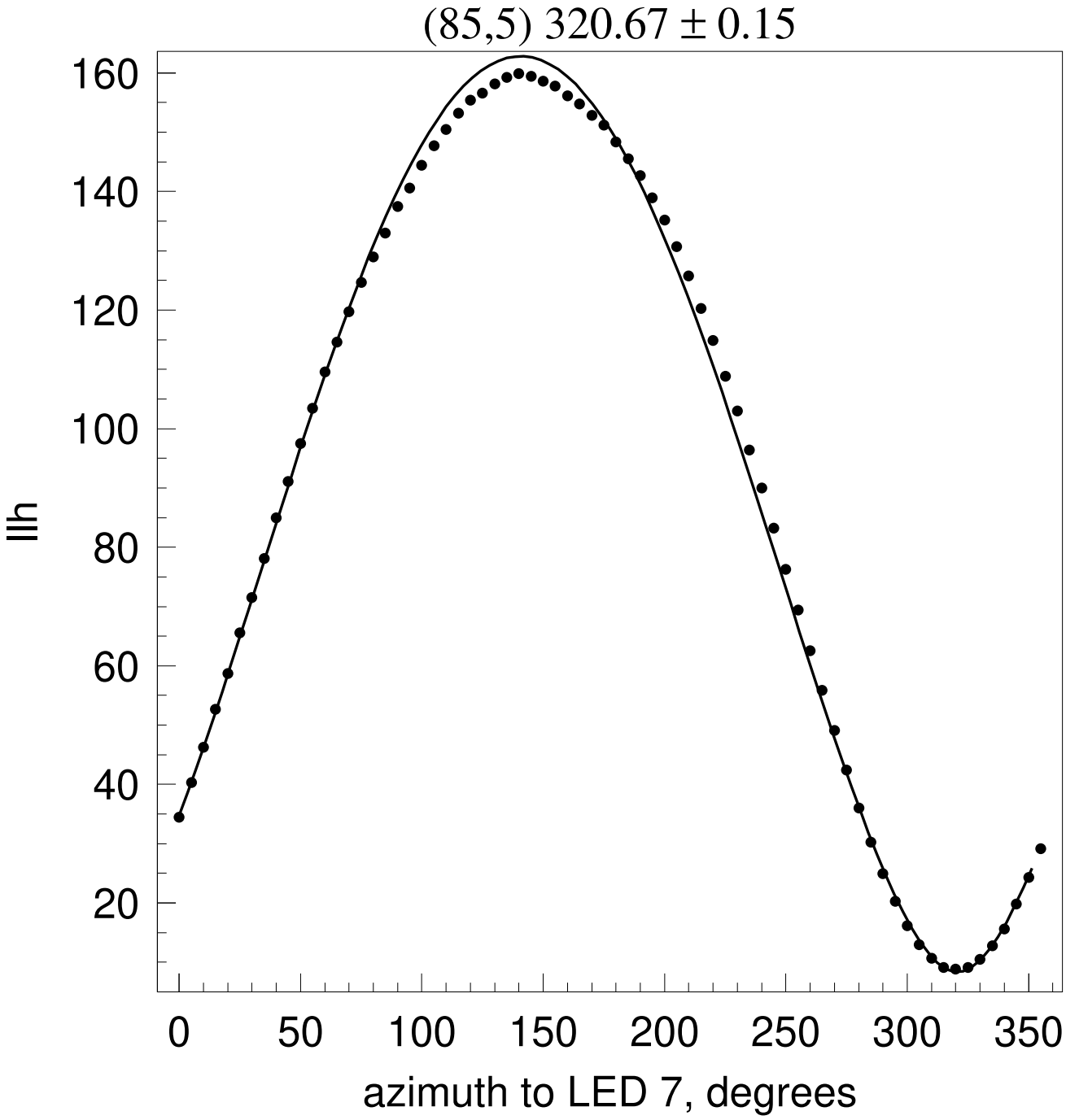

(84,60) 87.01 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

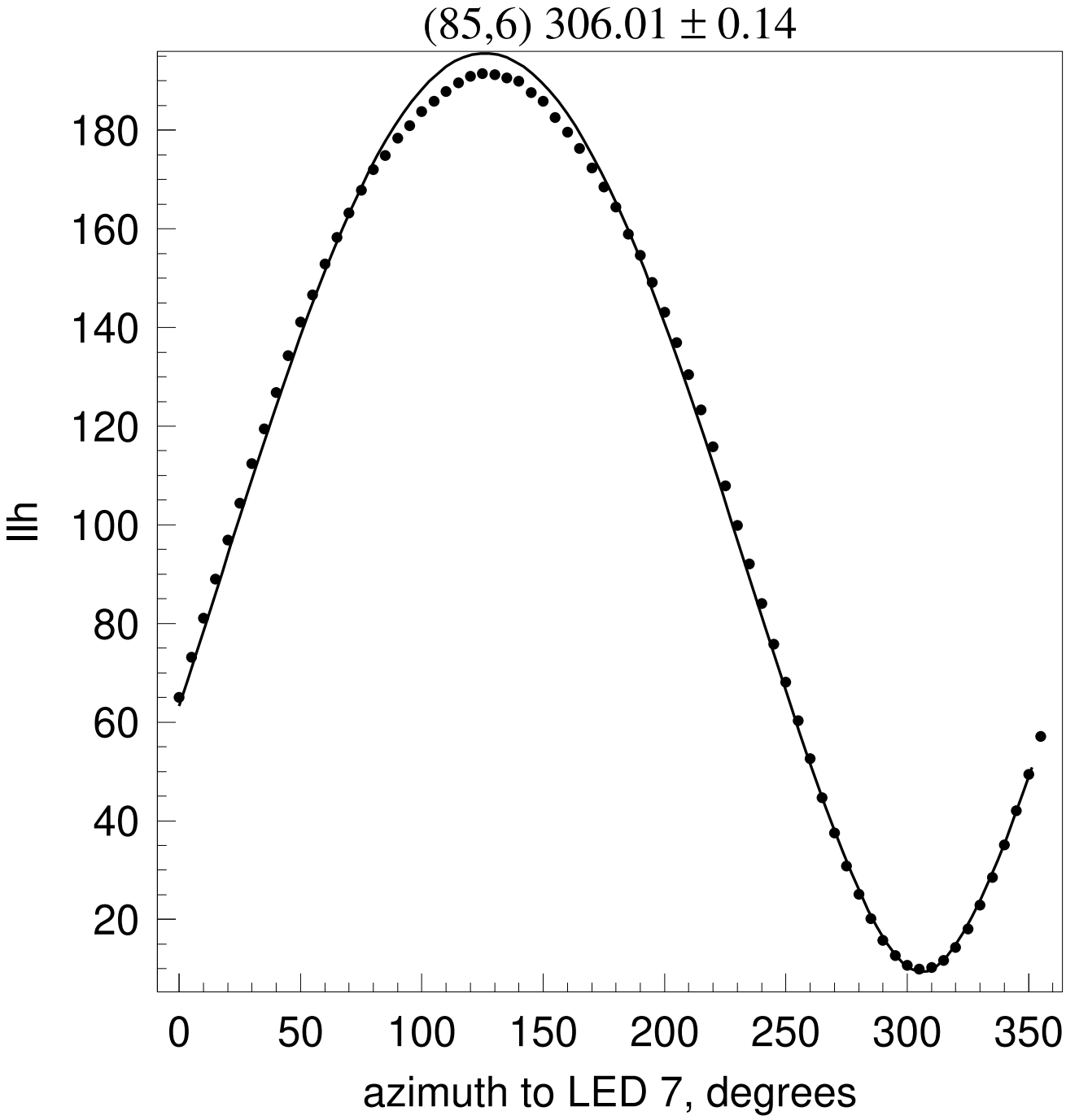

(85,1) 3.92 ± 0.05
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

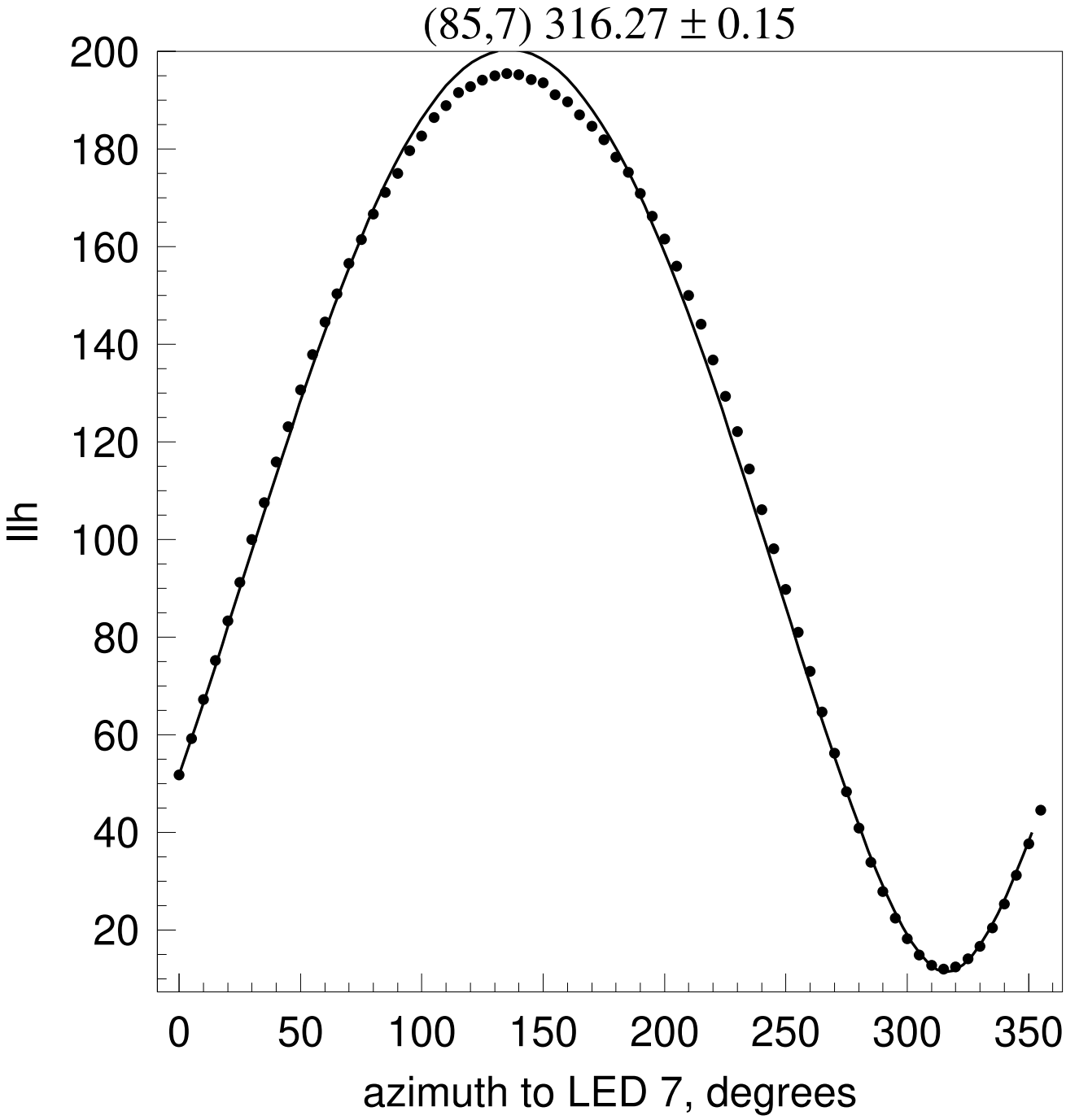

(85,2) 345.31 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

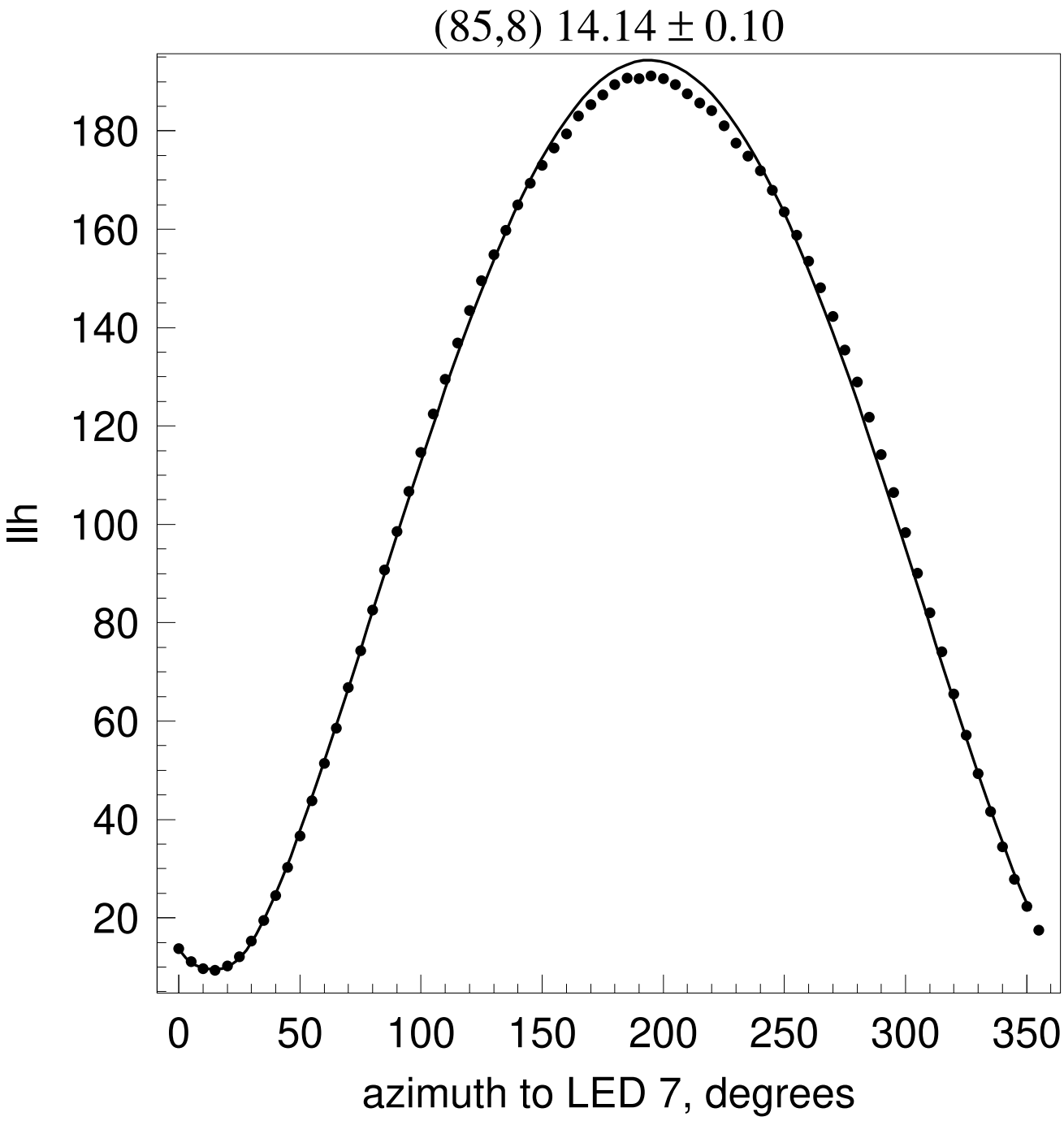

(85,3) 329.67 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

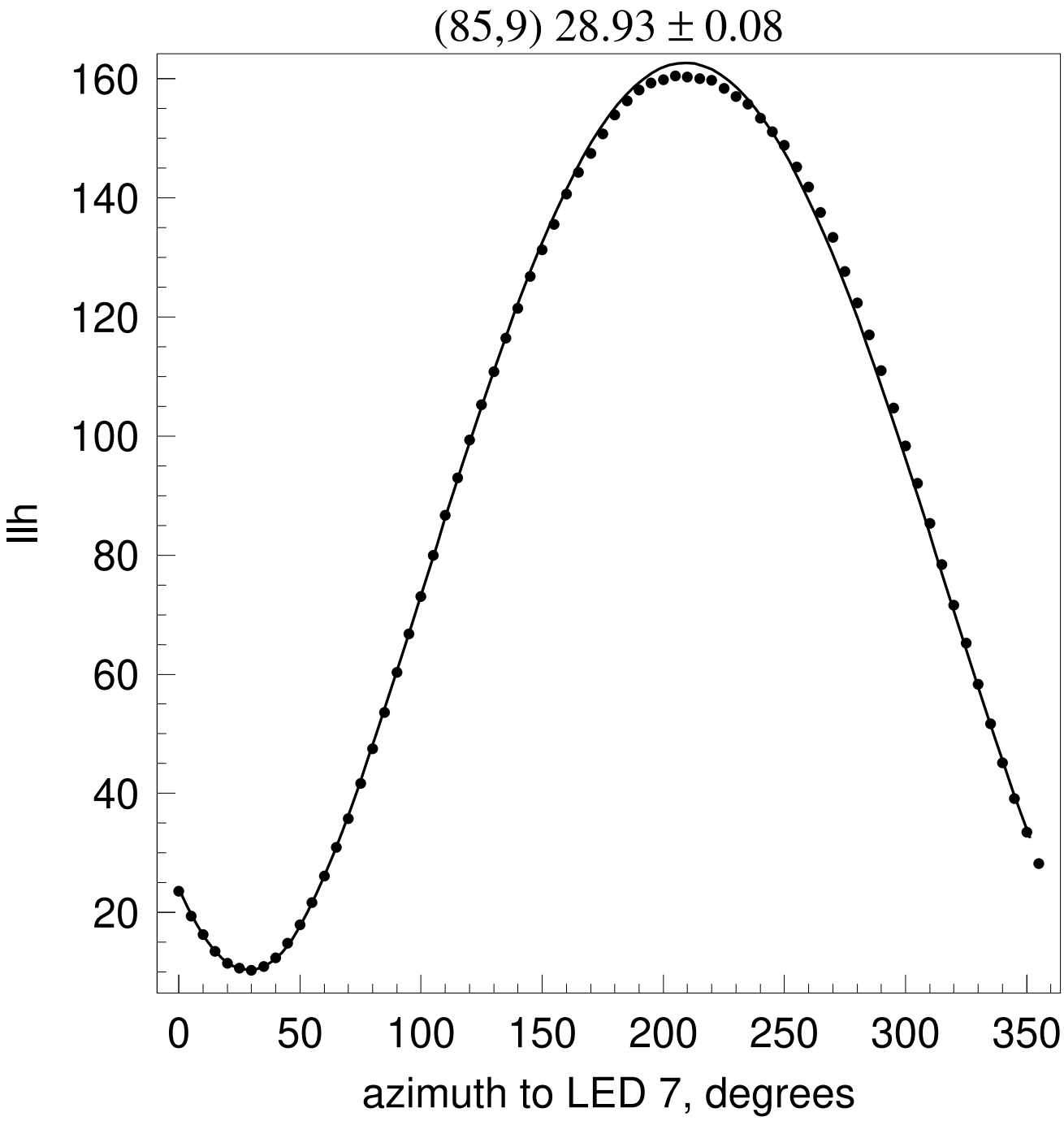

(85,4) 21.97 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

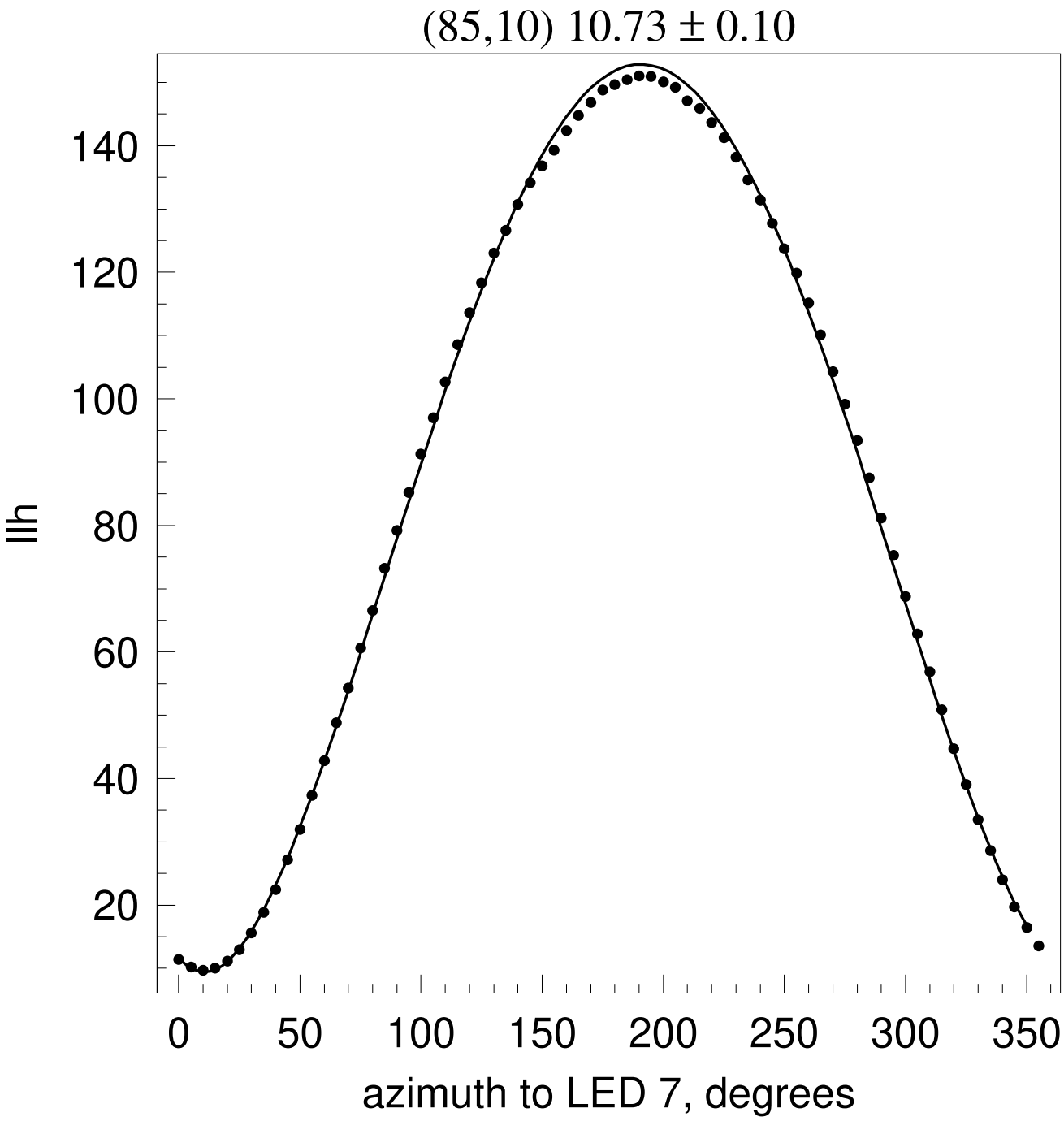

(85,5) 320.67 ± 0.15
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

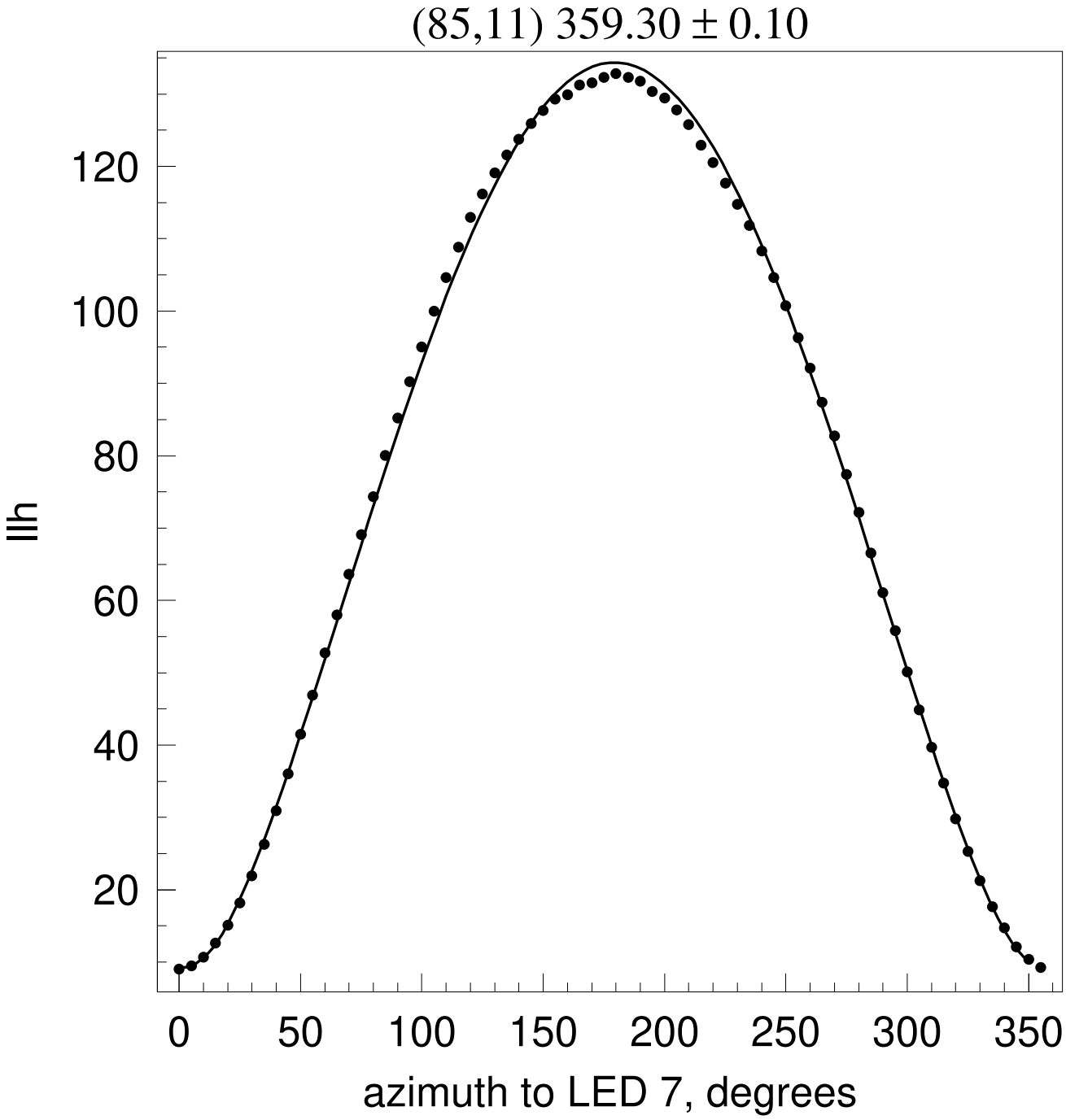

(85,6) 306.01 ± 0.14
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

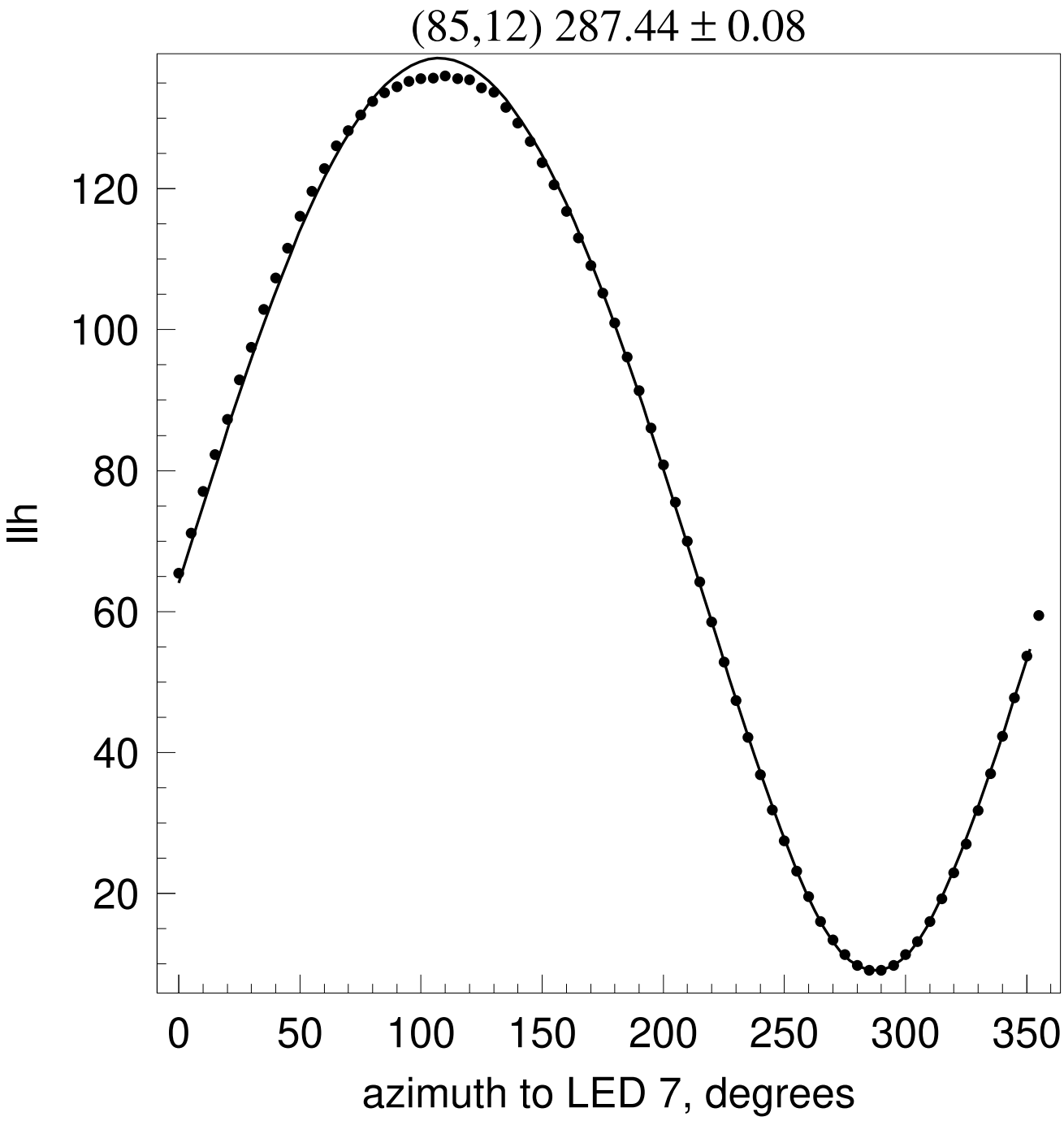

(85,7) 316.27 ± 0.15
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

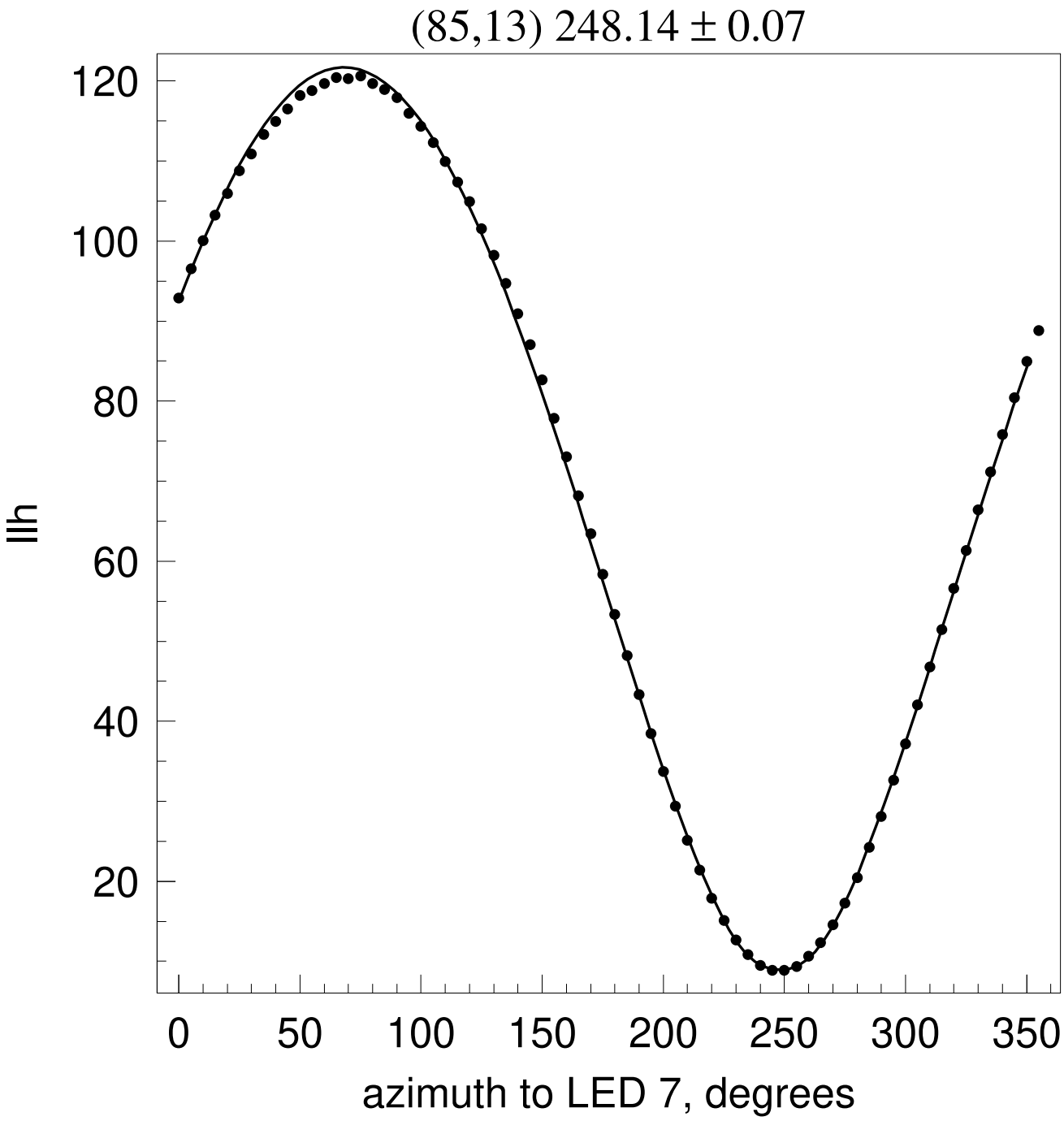

(85,8) 14.14 ± 0.10
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

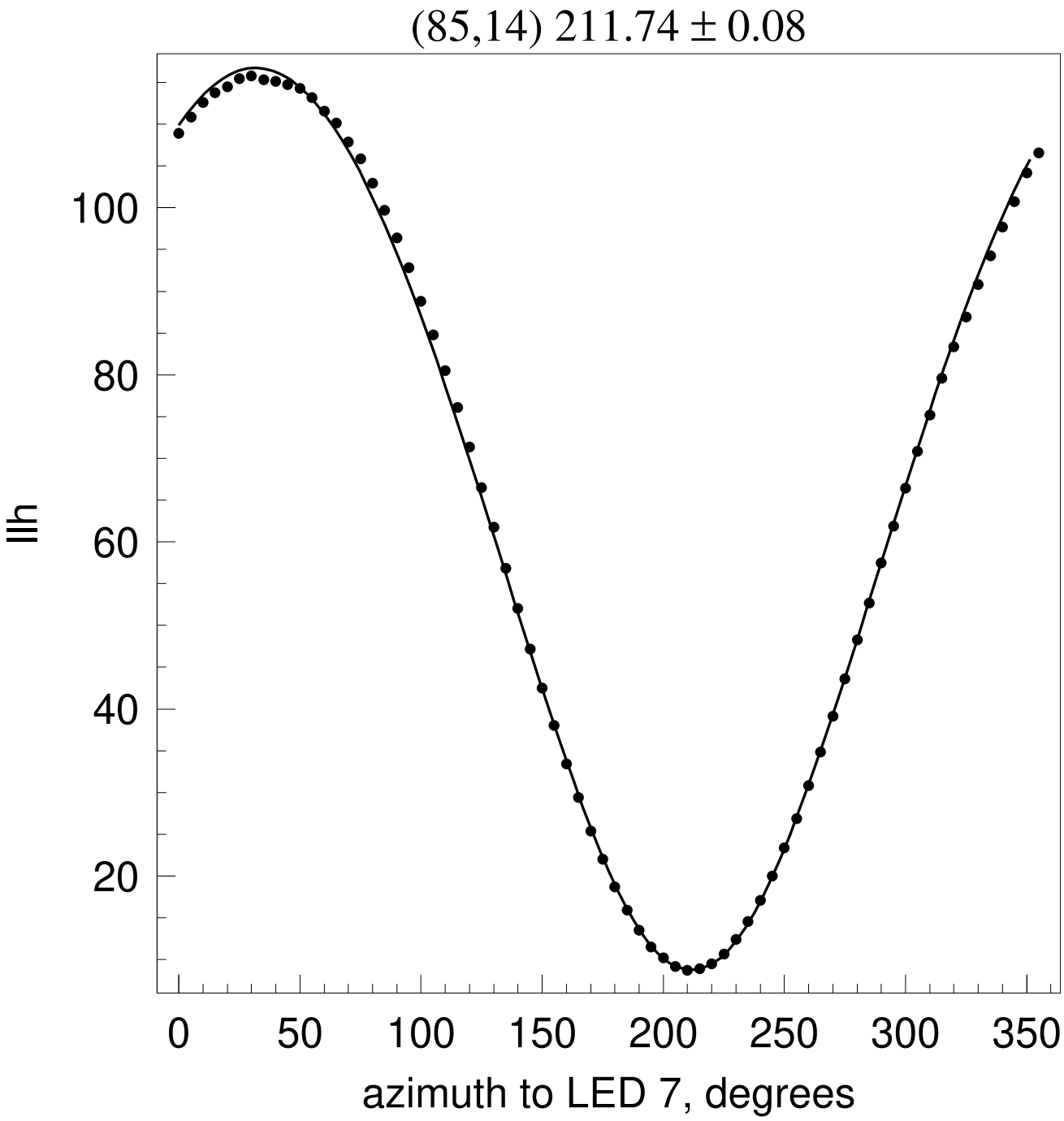

(85,9) 28.93 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

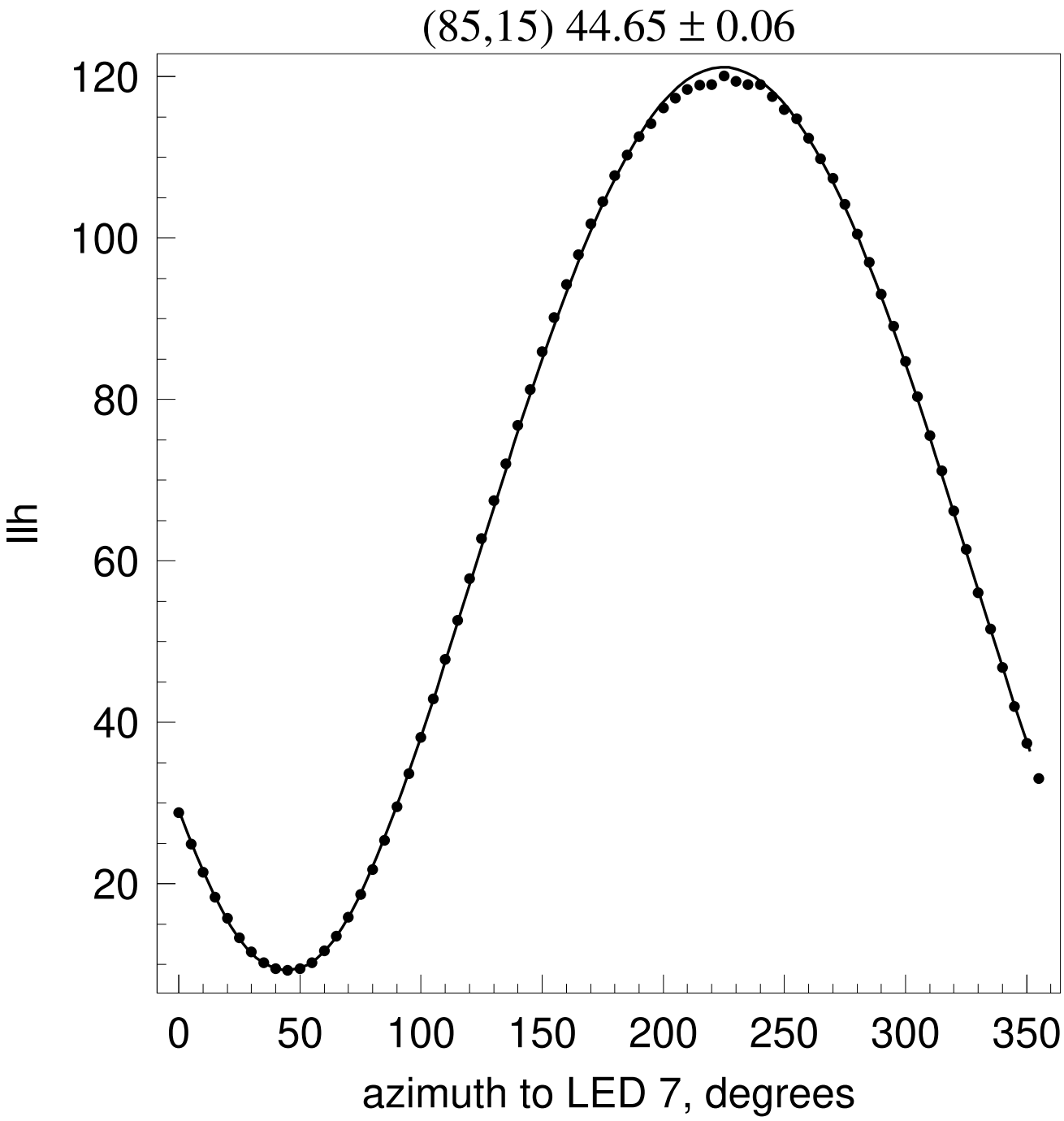

(85,10) 10.73 ± 0.10
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

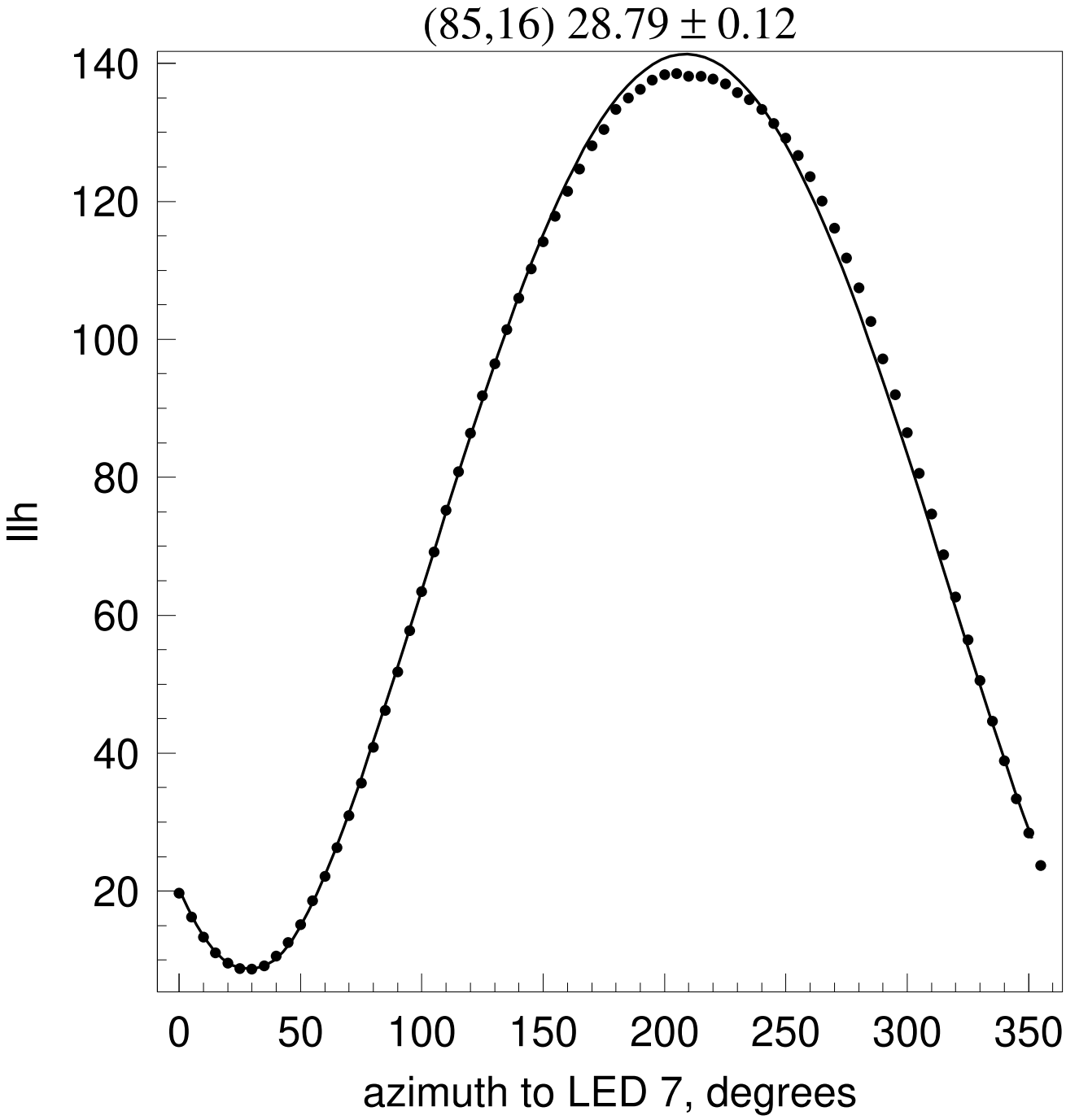

(85,11) 359.30 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

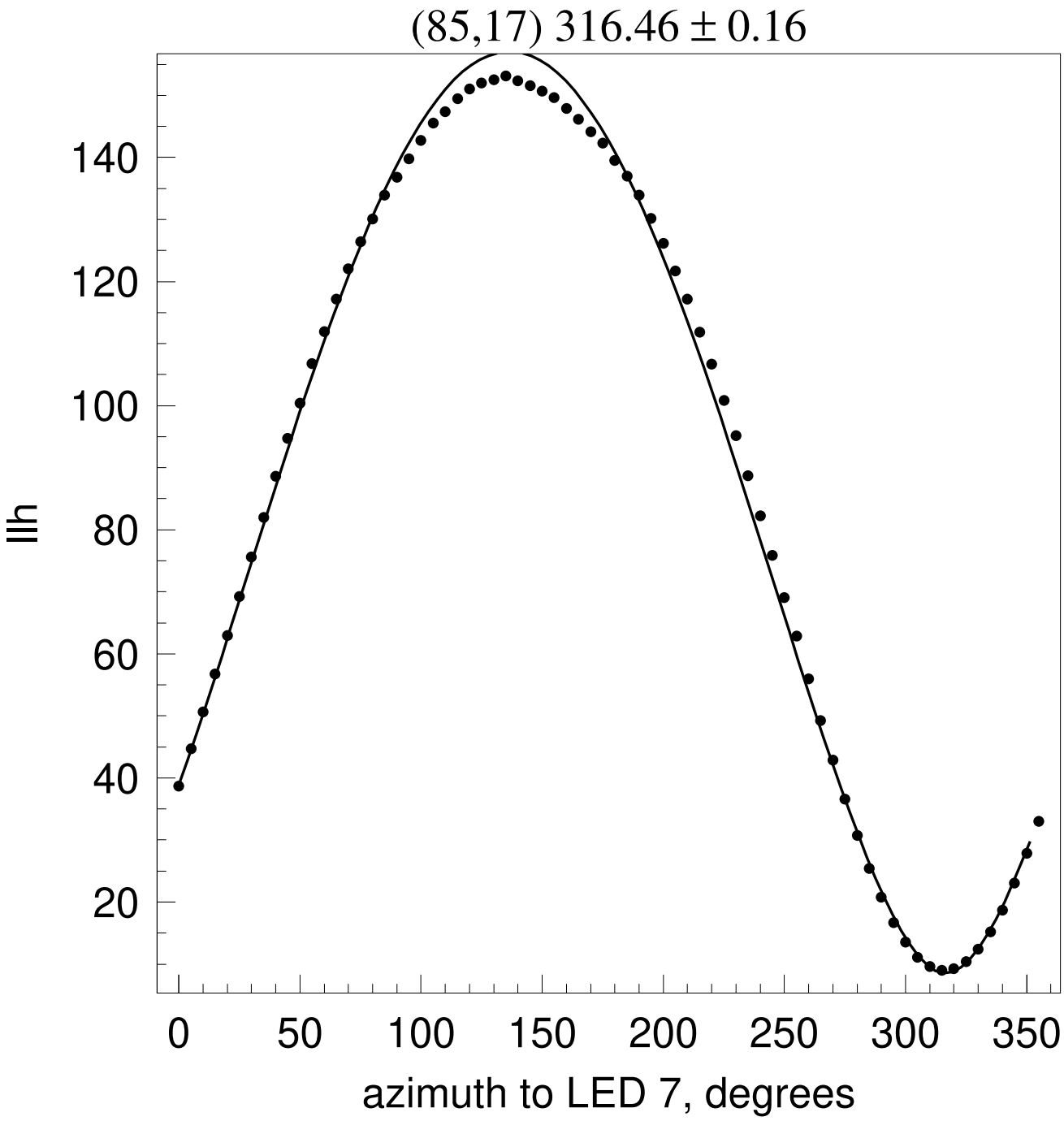

(85,12) 287.44 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

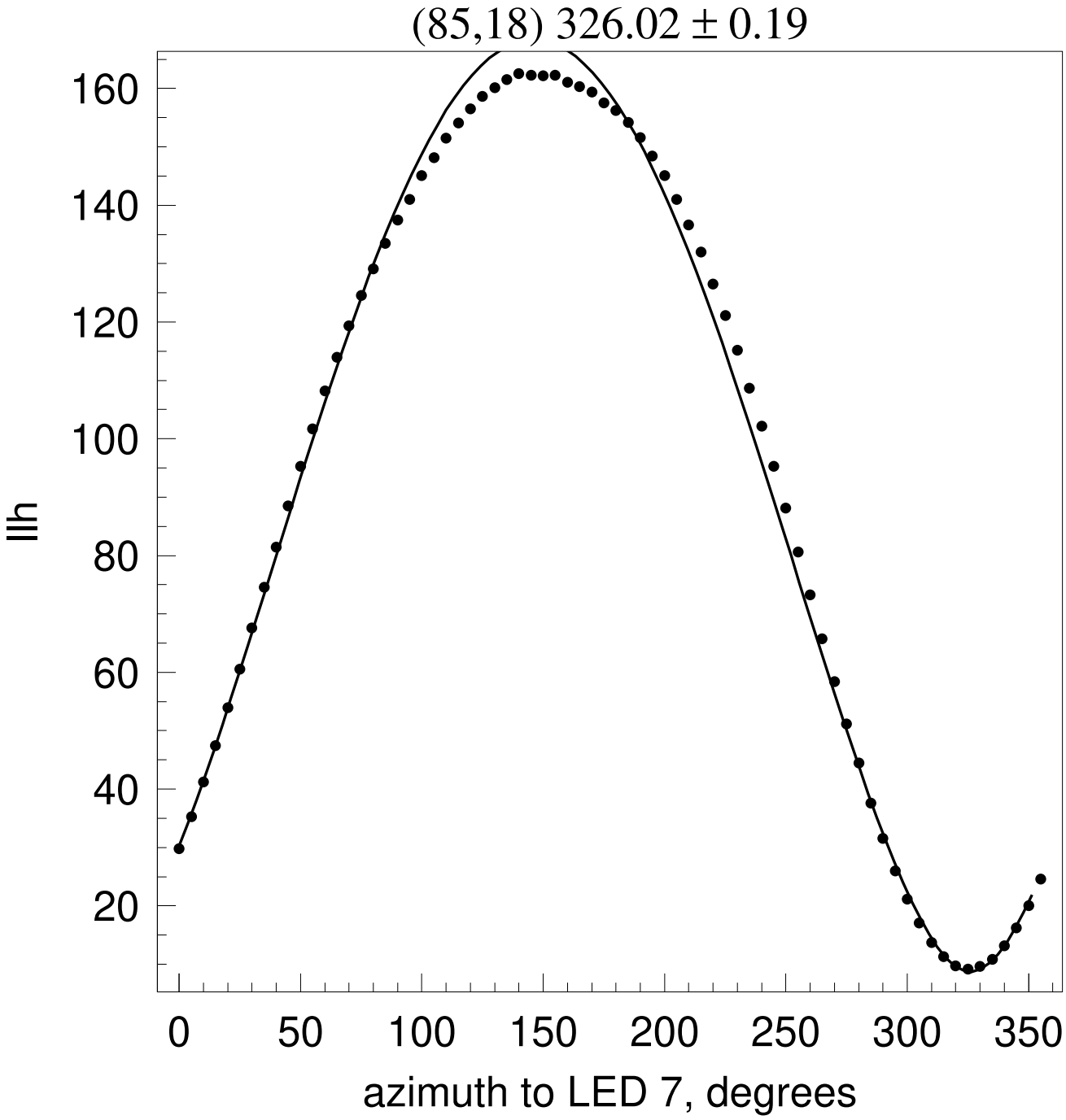

(85,13) 248.14 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

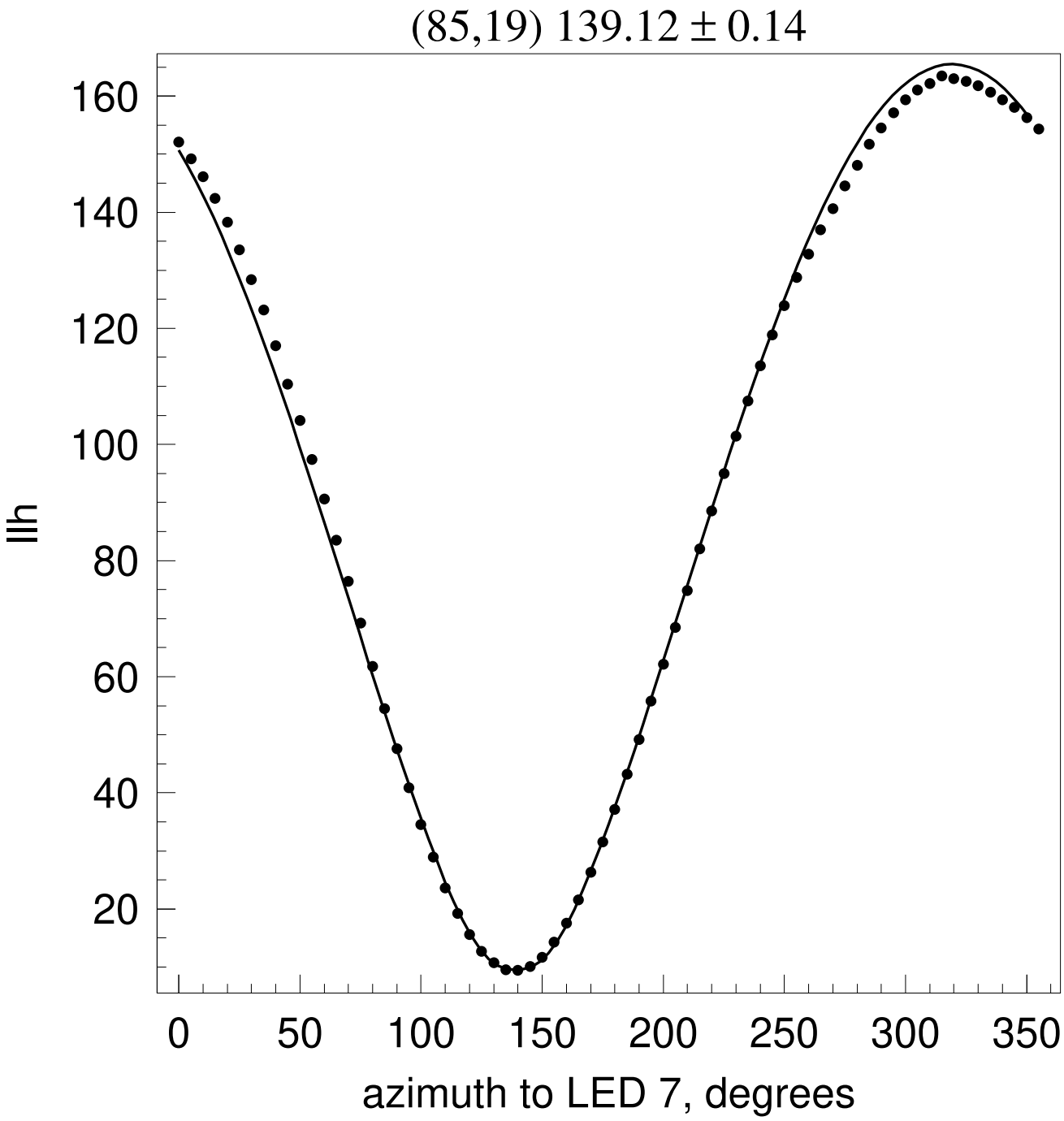

(85,14) 211.74 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

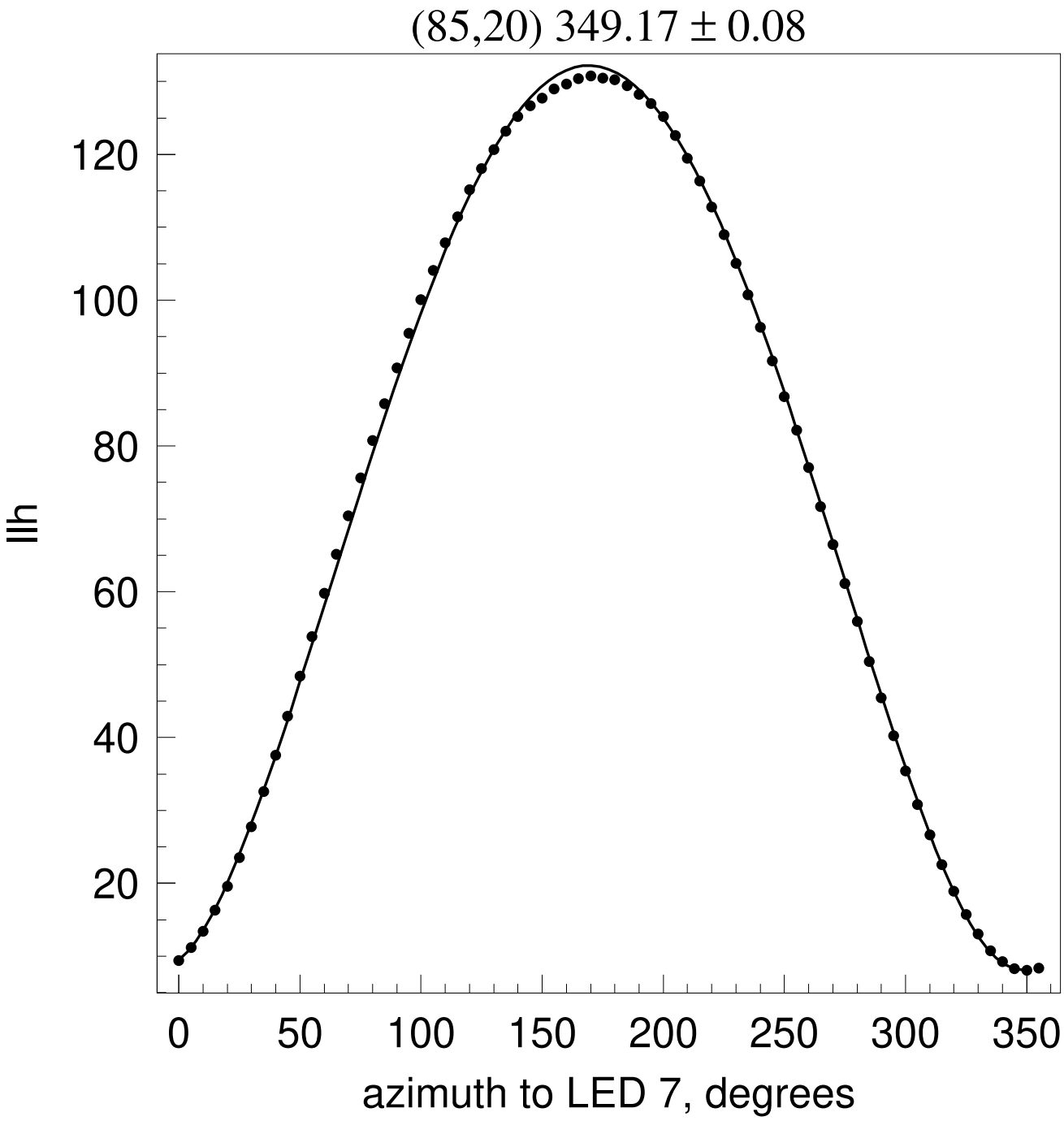

(85,15) 44.65 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

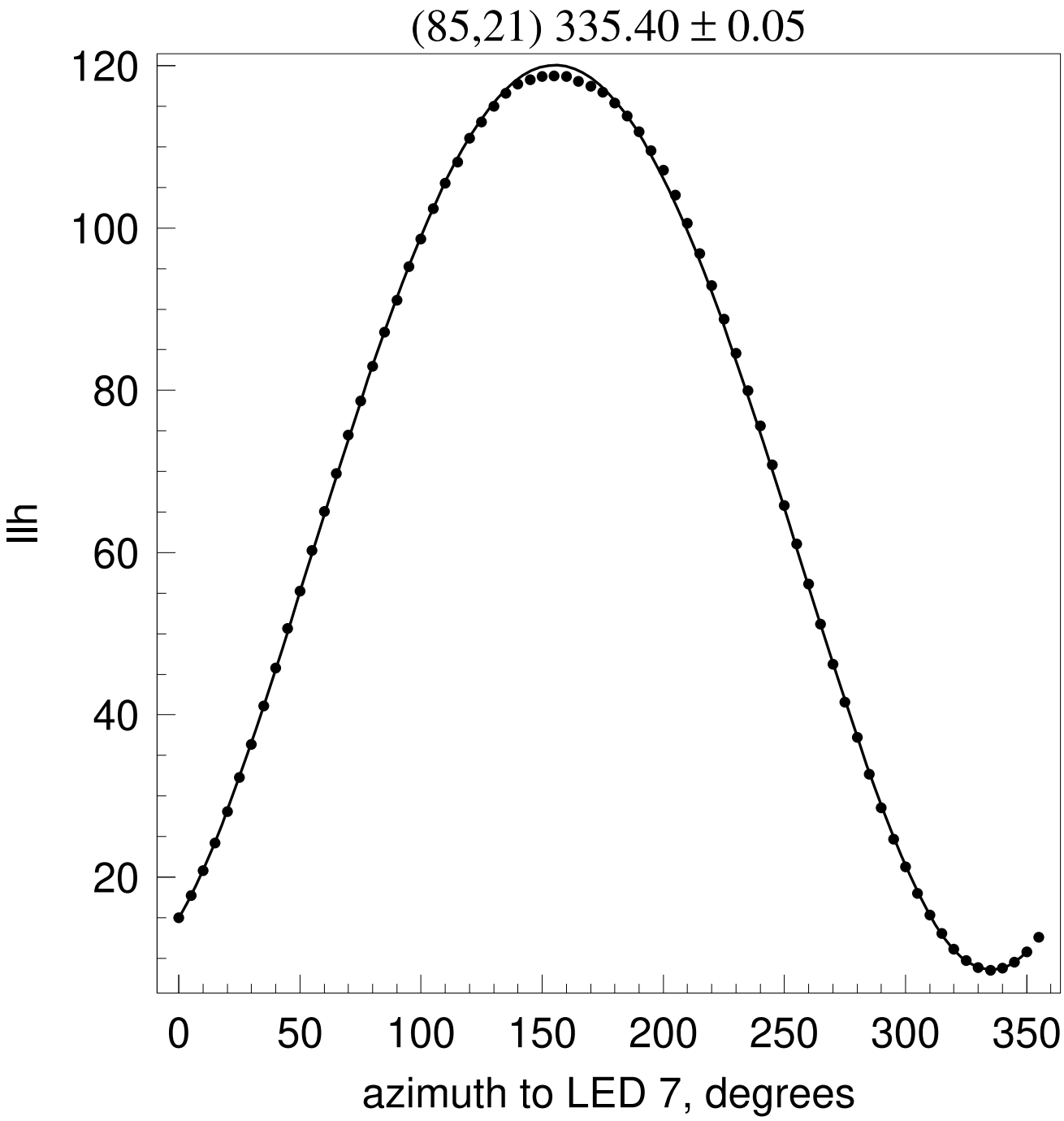

(85,16) 28.79 ± 0.12
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

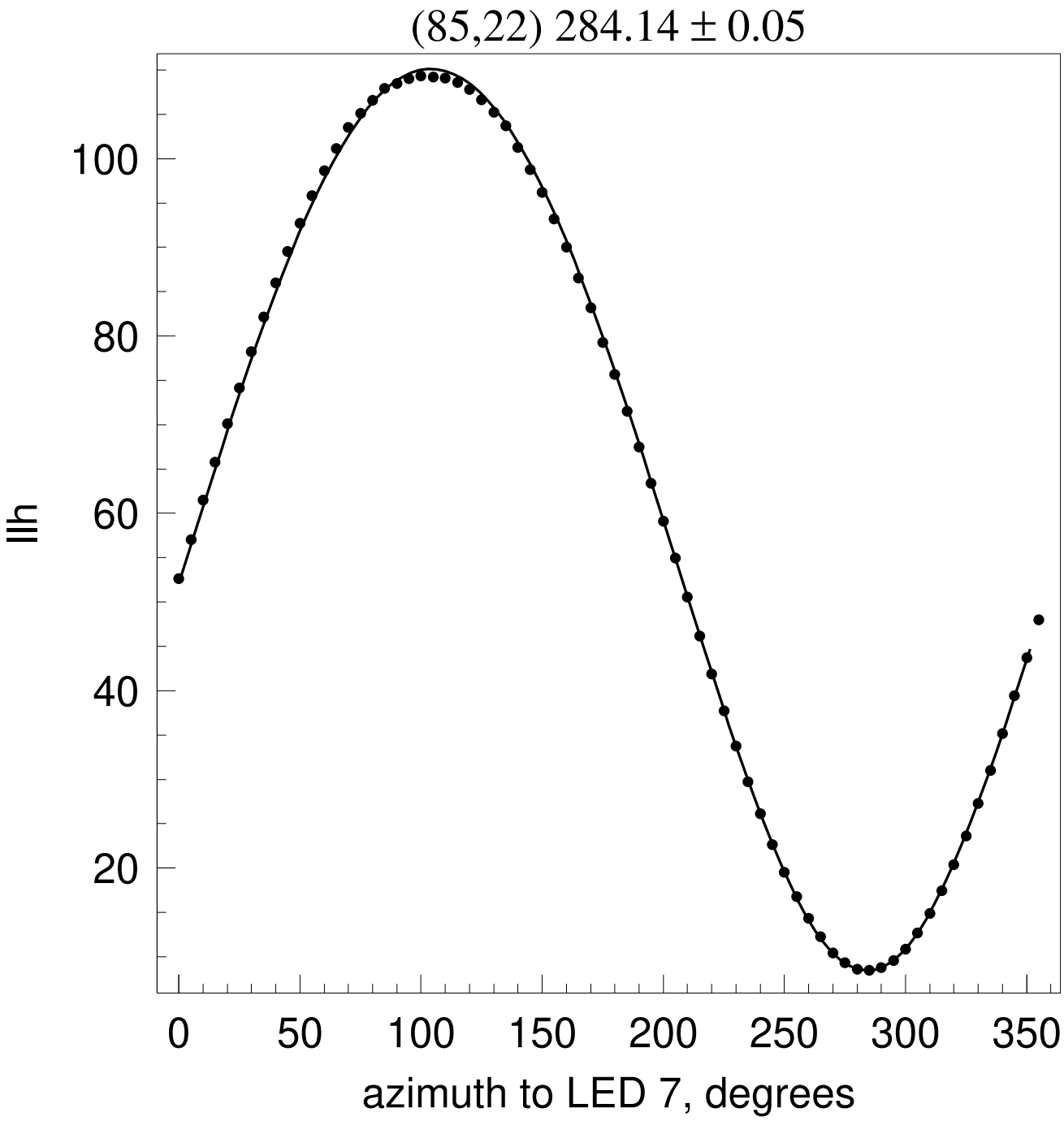

(85,17) 316.46 ± 0.16
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

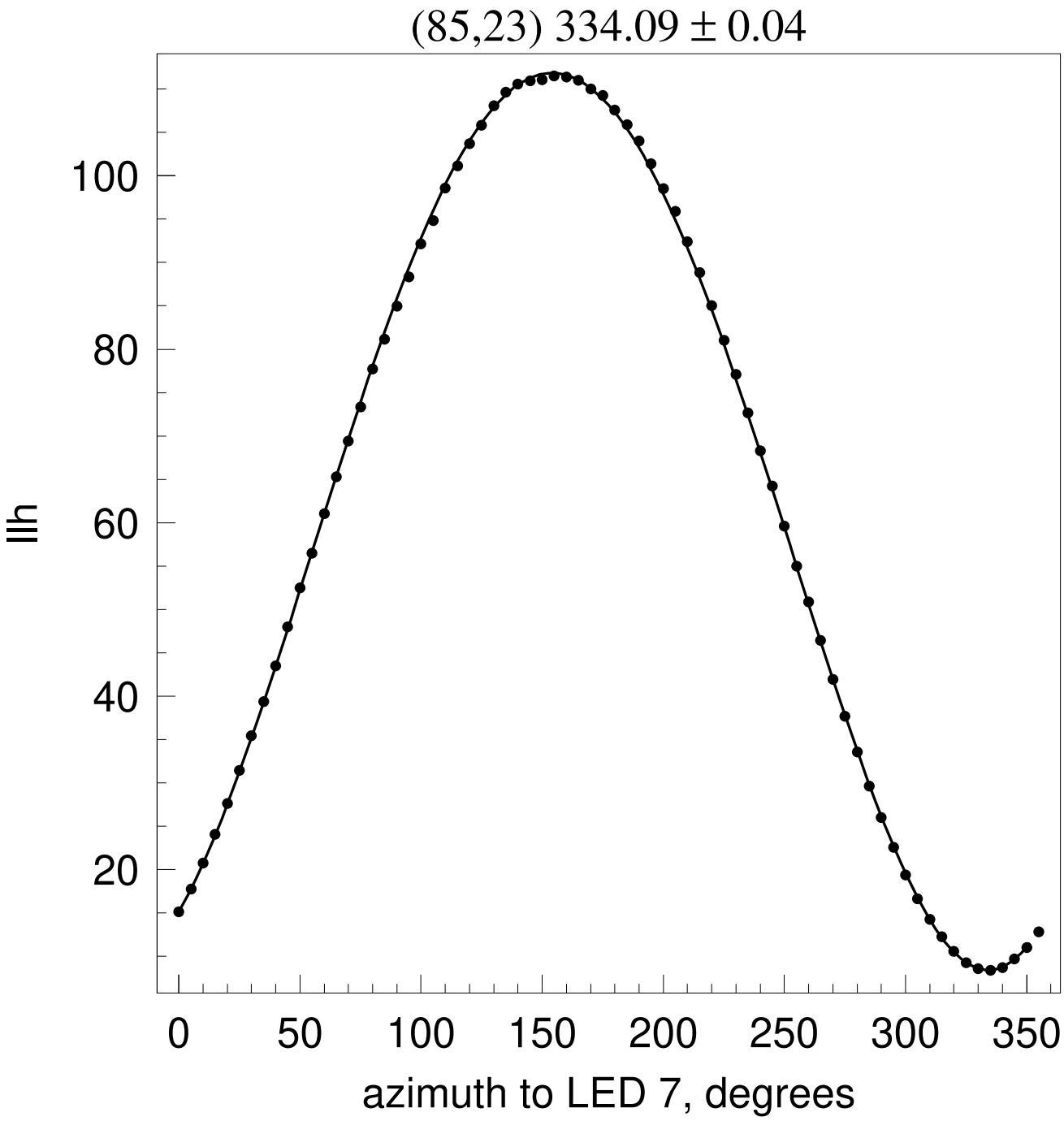

(85,18) 326.02 ± 0.19
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

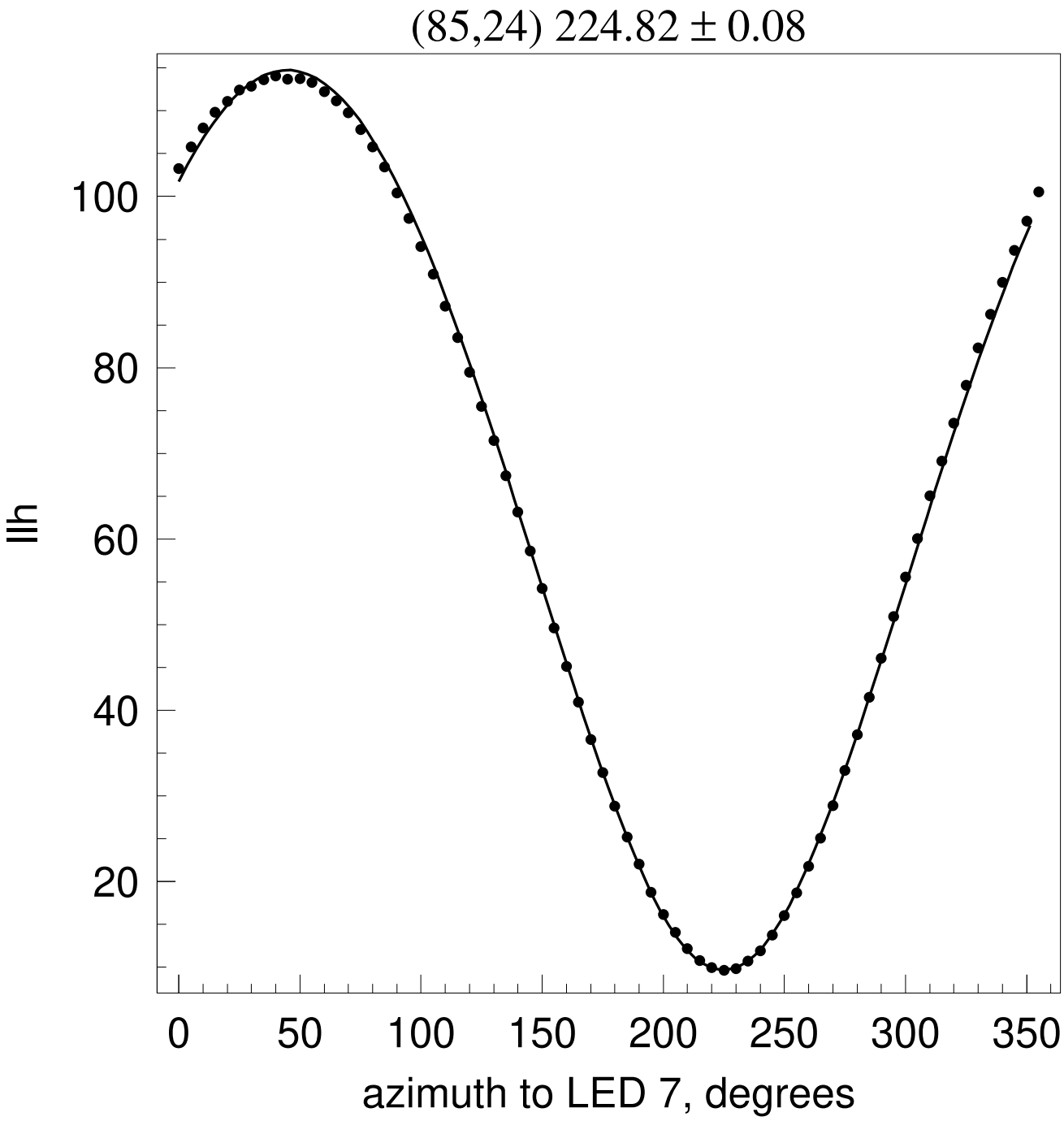

(85,19) 139.12 ± 0.14
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

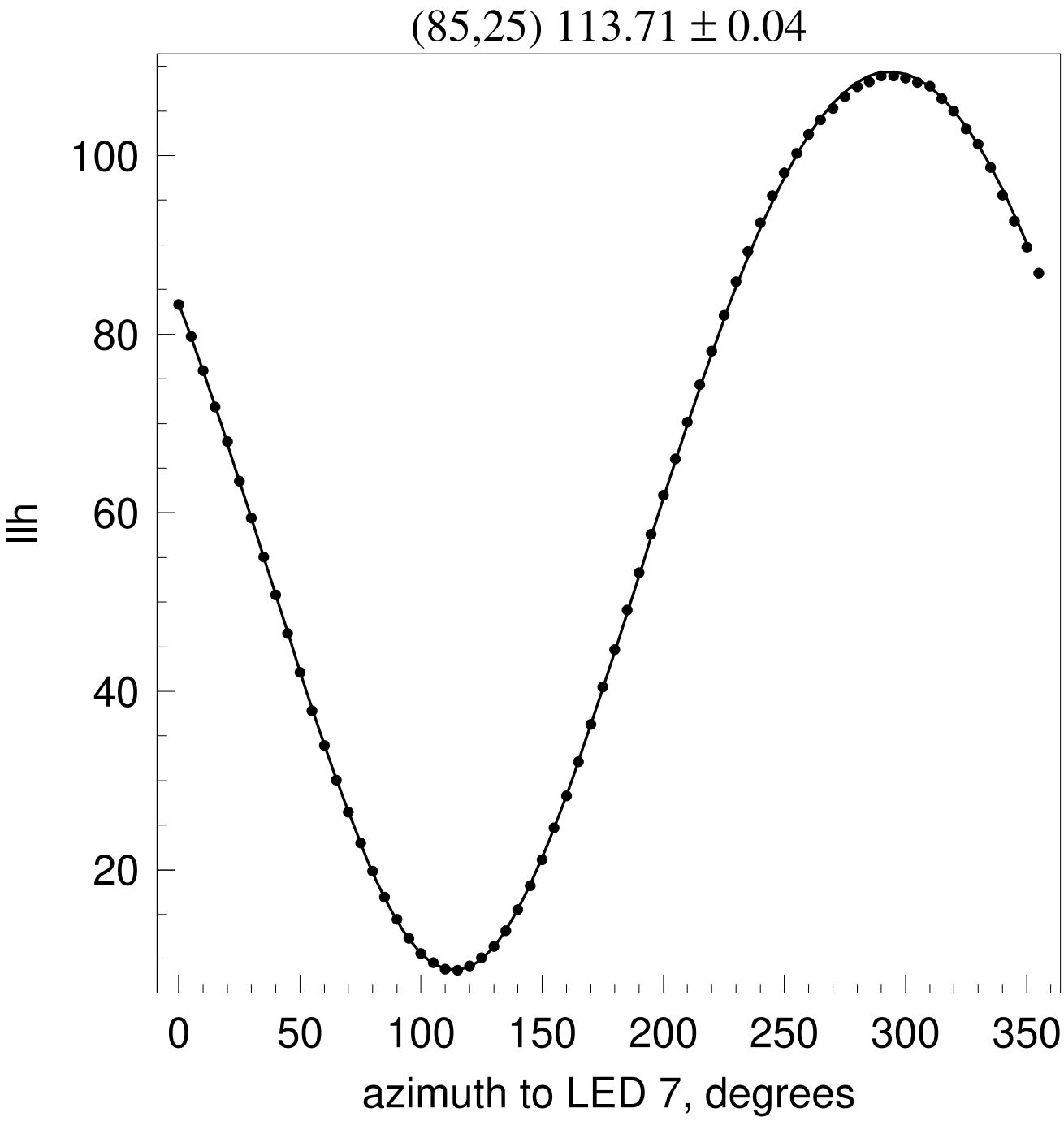

(85,20) 349.17 ± 0.08
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

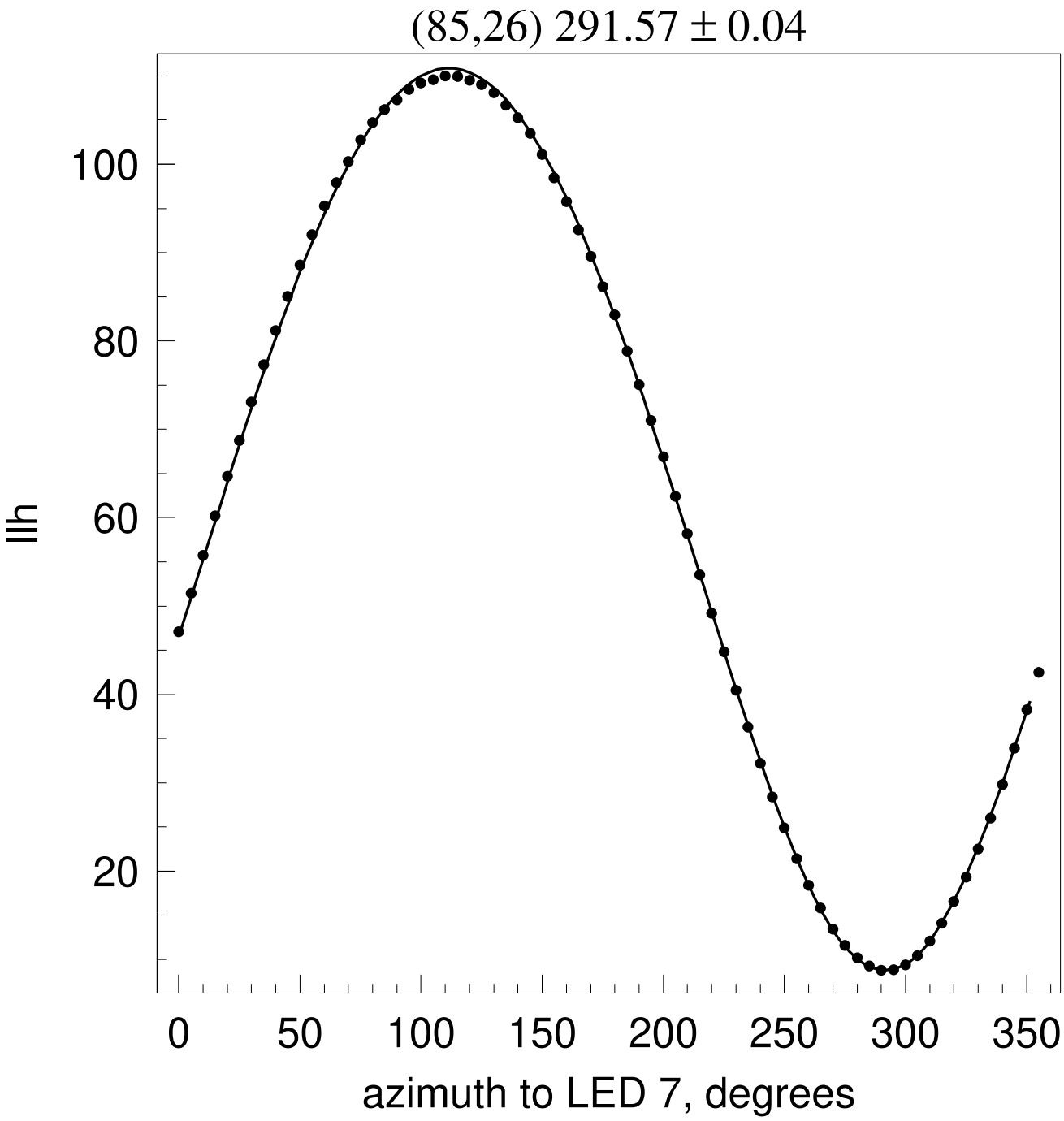

(85,21) 335.40 ± 0.05
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

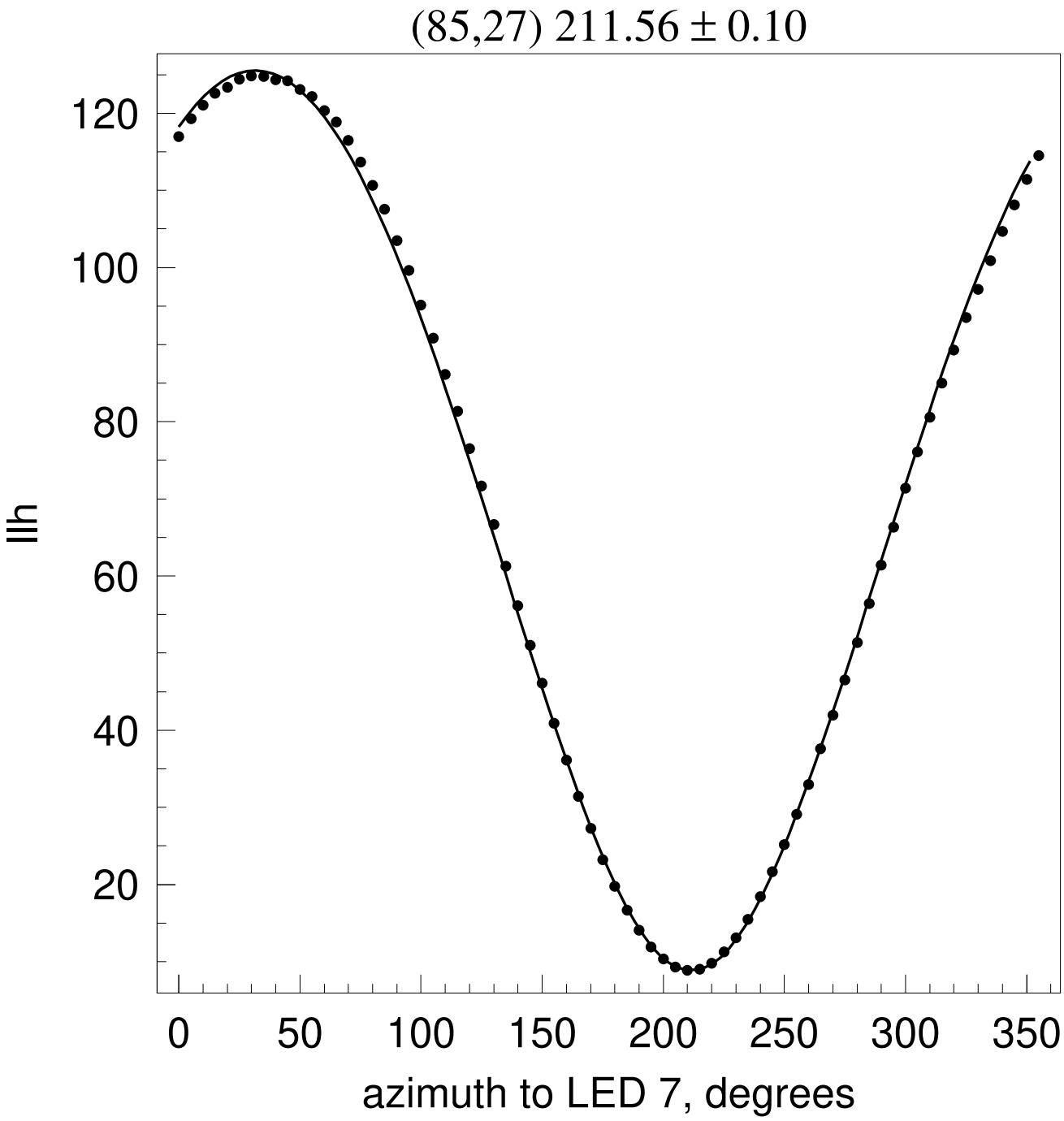

(85,22) 284.14 ± 0.05
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

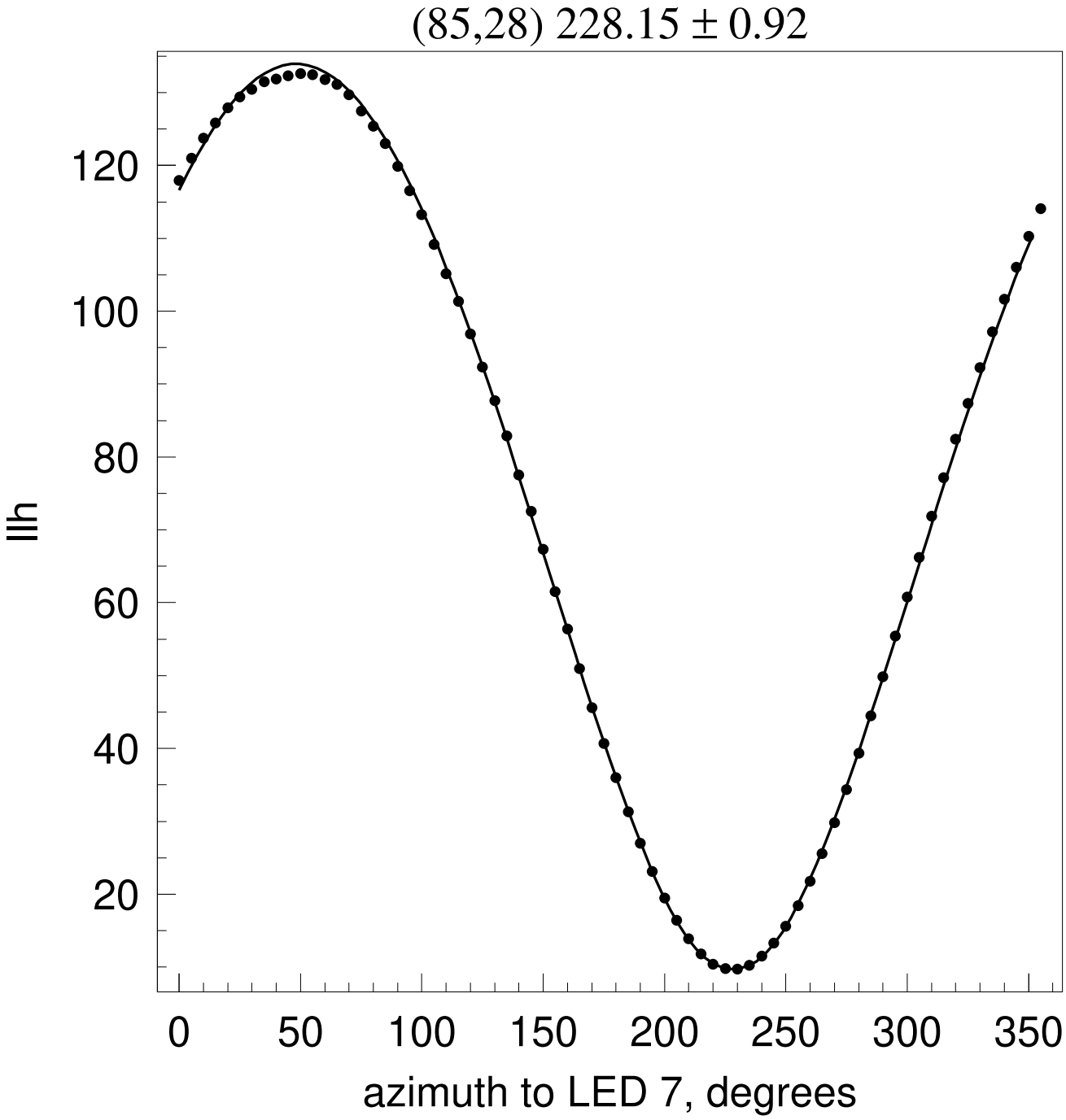

(85,23) 334.09 ± 0.04
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

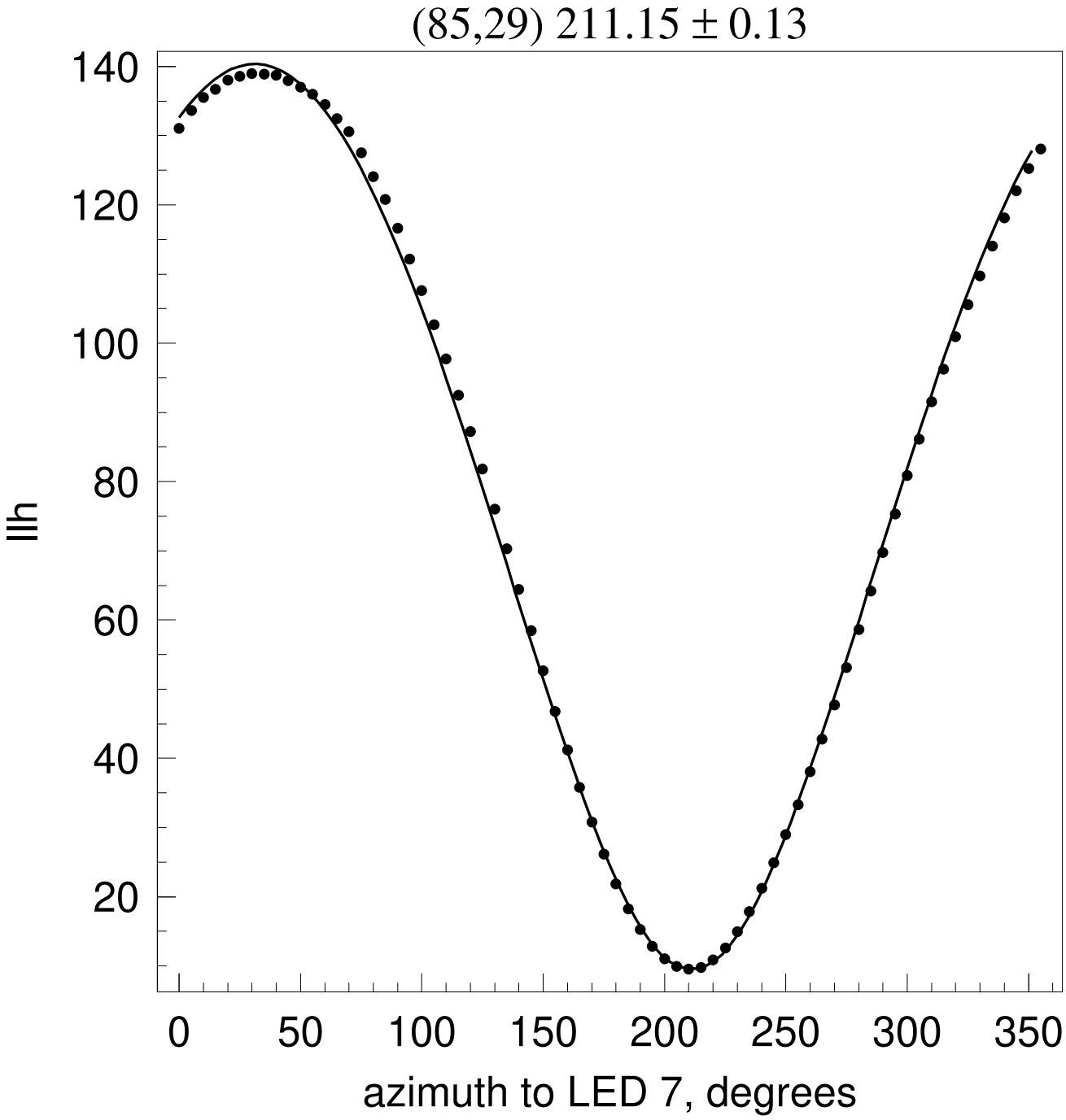

(85,24) 224.82 ± 0.08
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

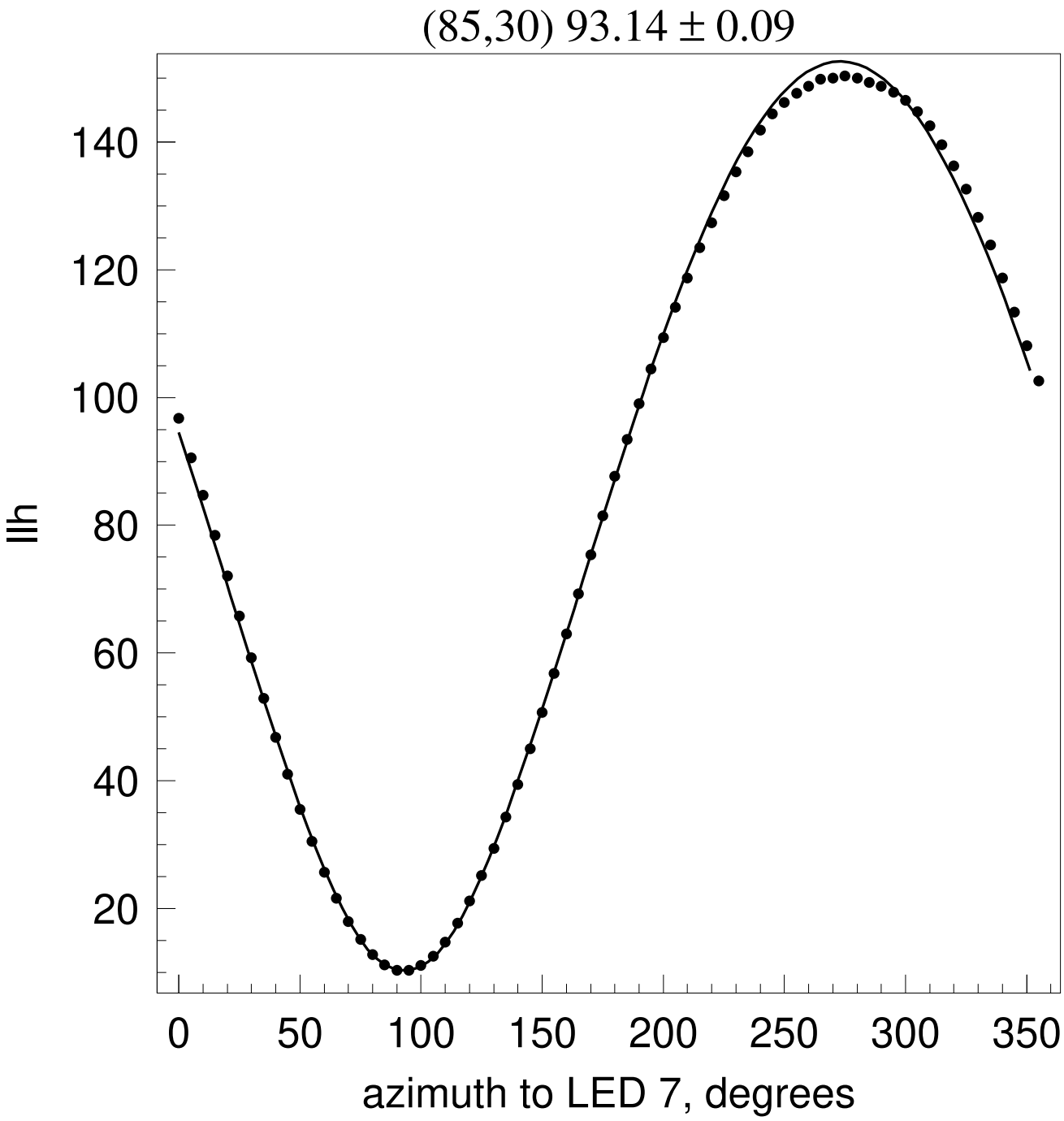

(85,25) 113.71 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

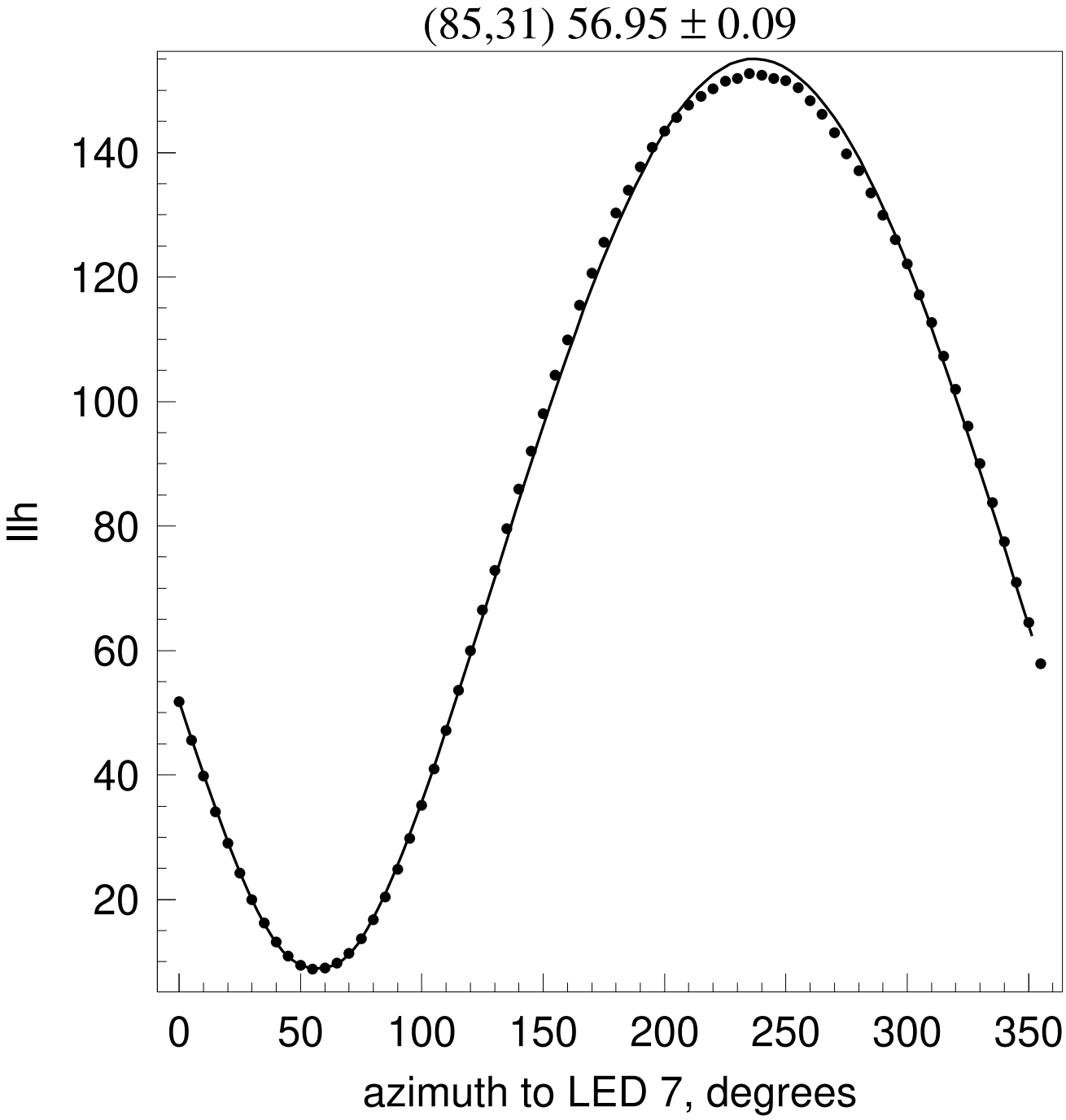

(85,26) 291.57 ± 0.04
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

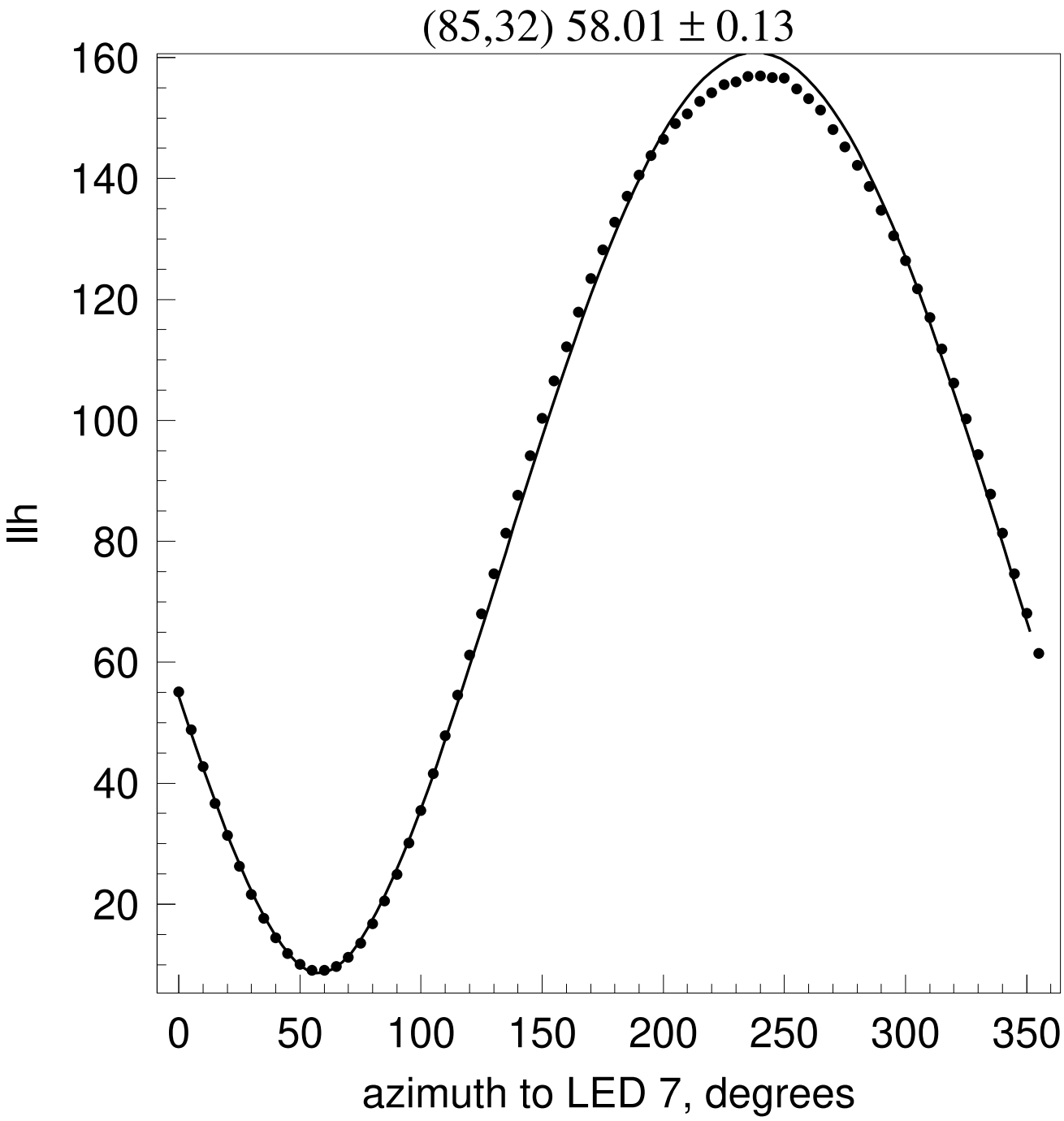

(85,27) 211.56 ± 0.10
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

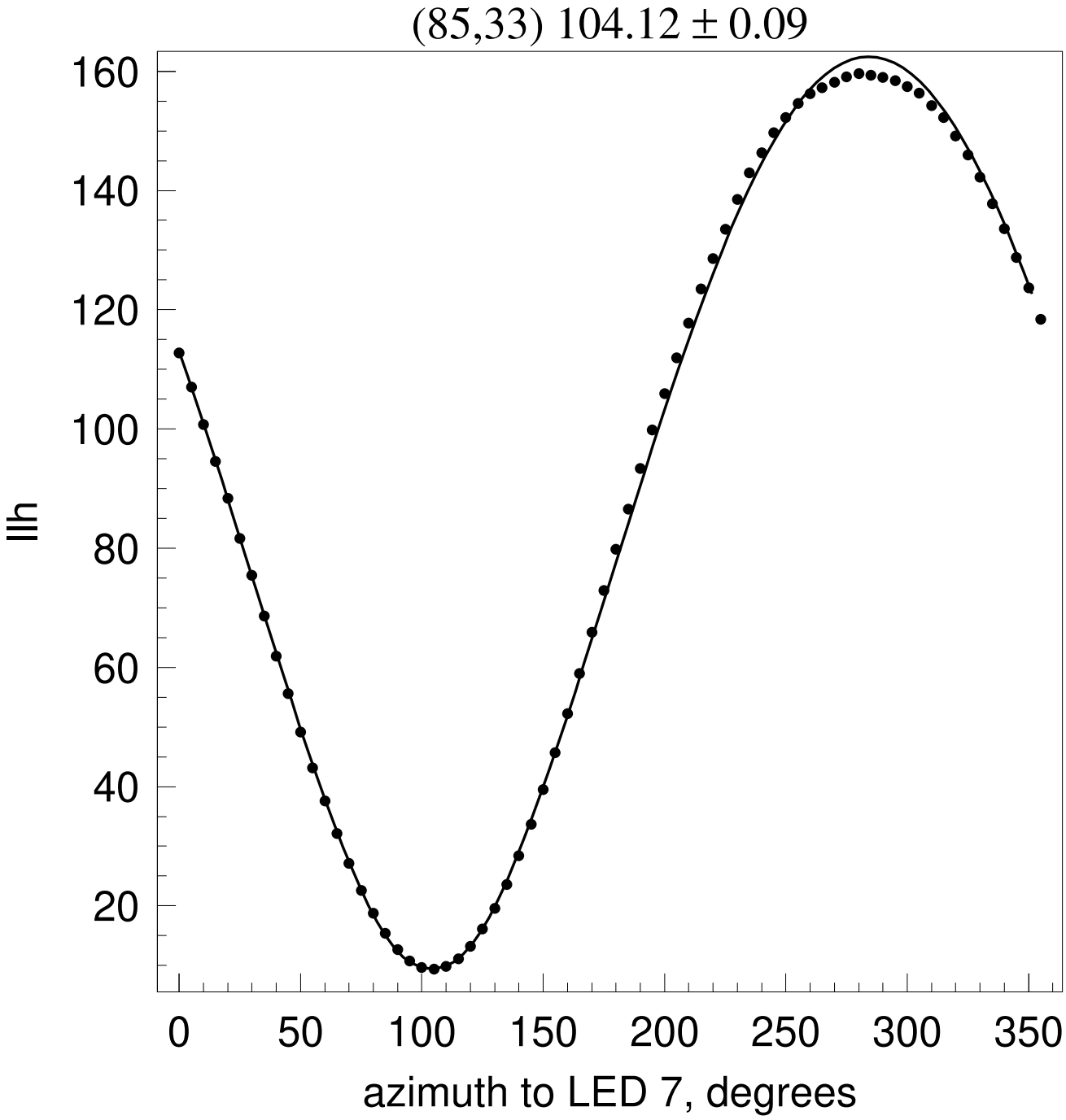

(85,28) 228.15 ± 0.92
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

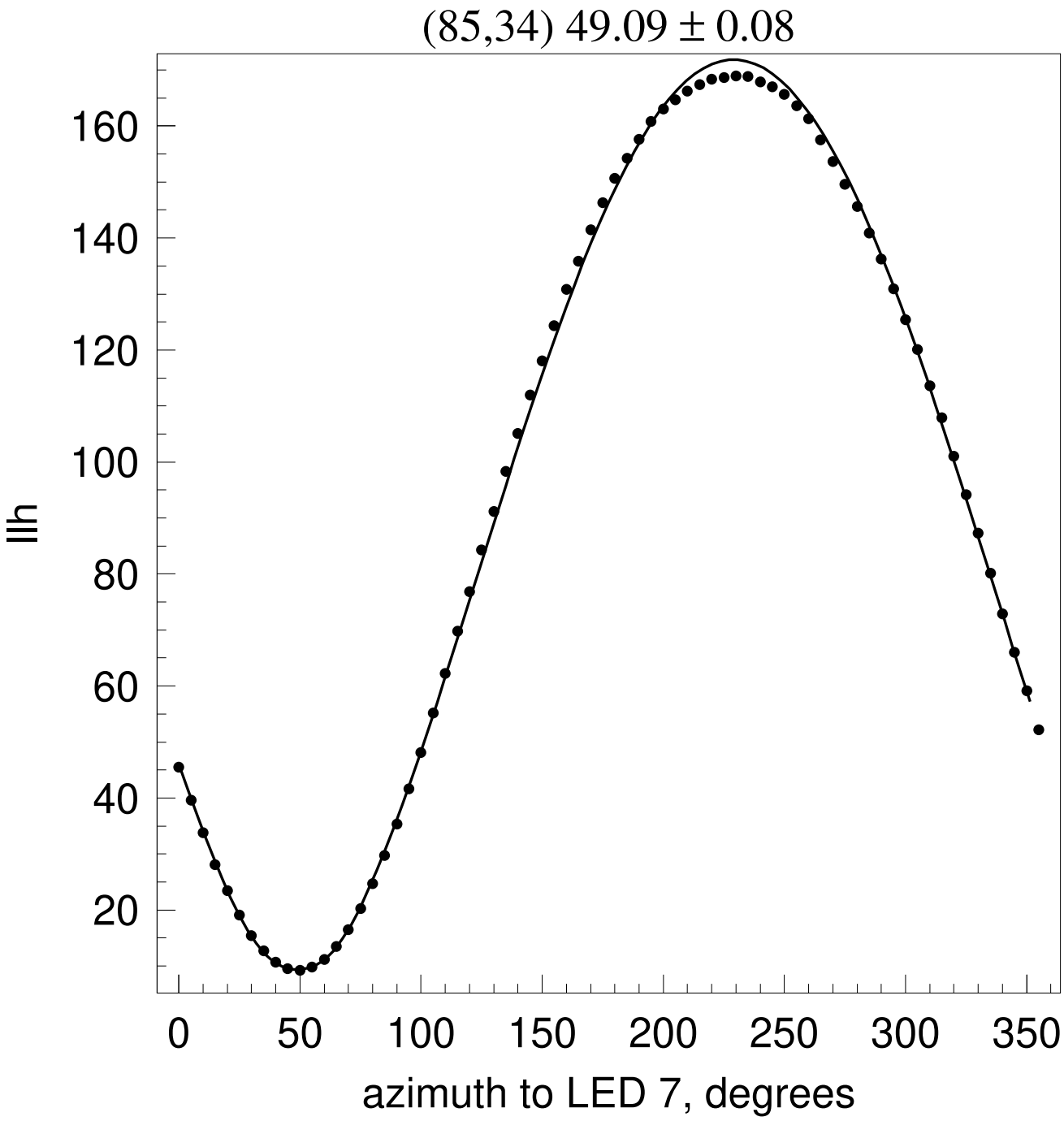

(85,29) 211.15 ± 0.13
140
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

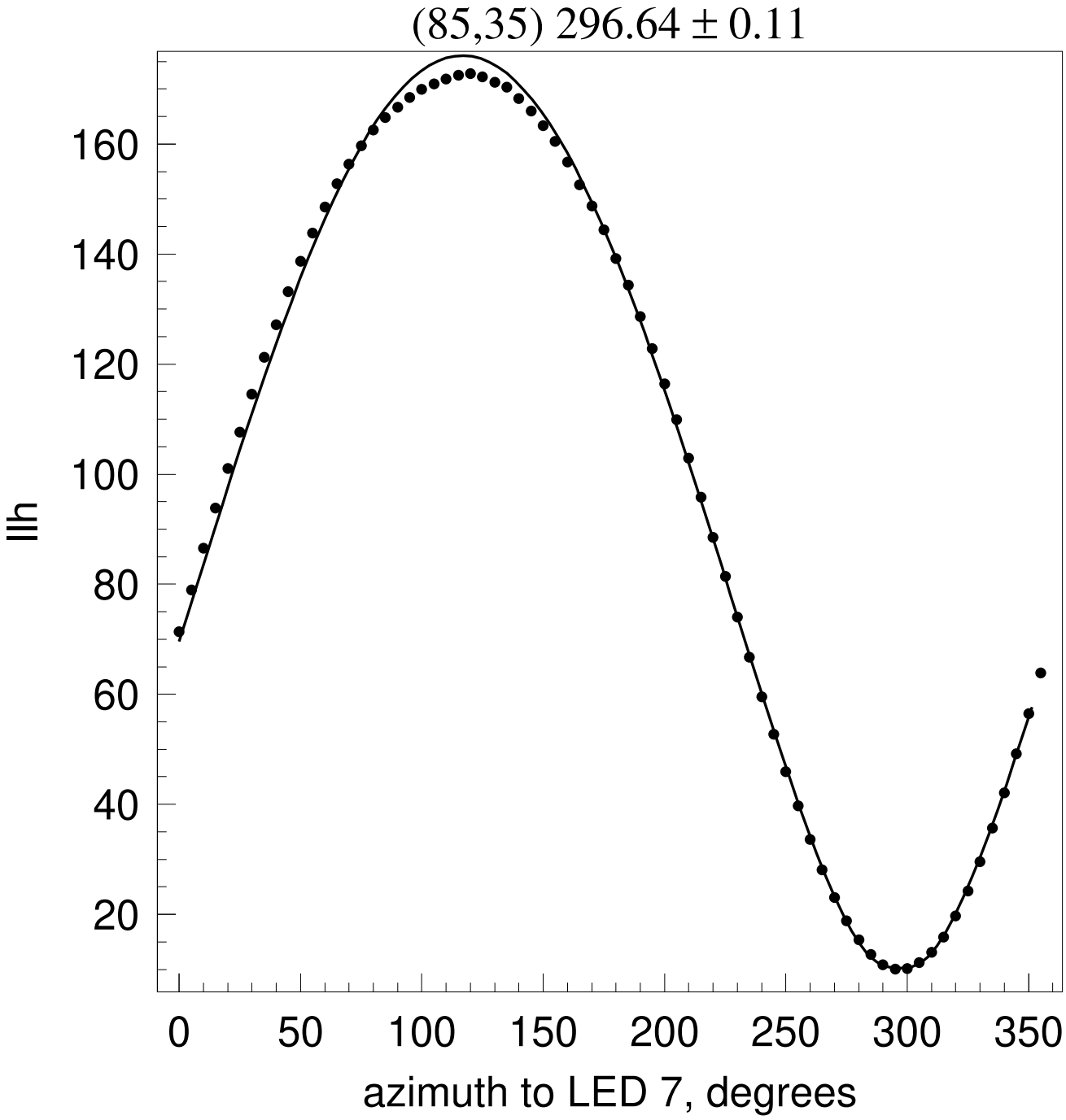

(85,30) 93.14 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

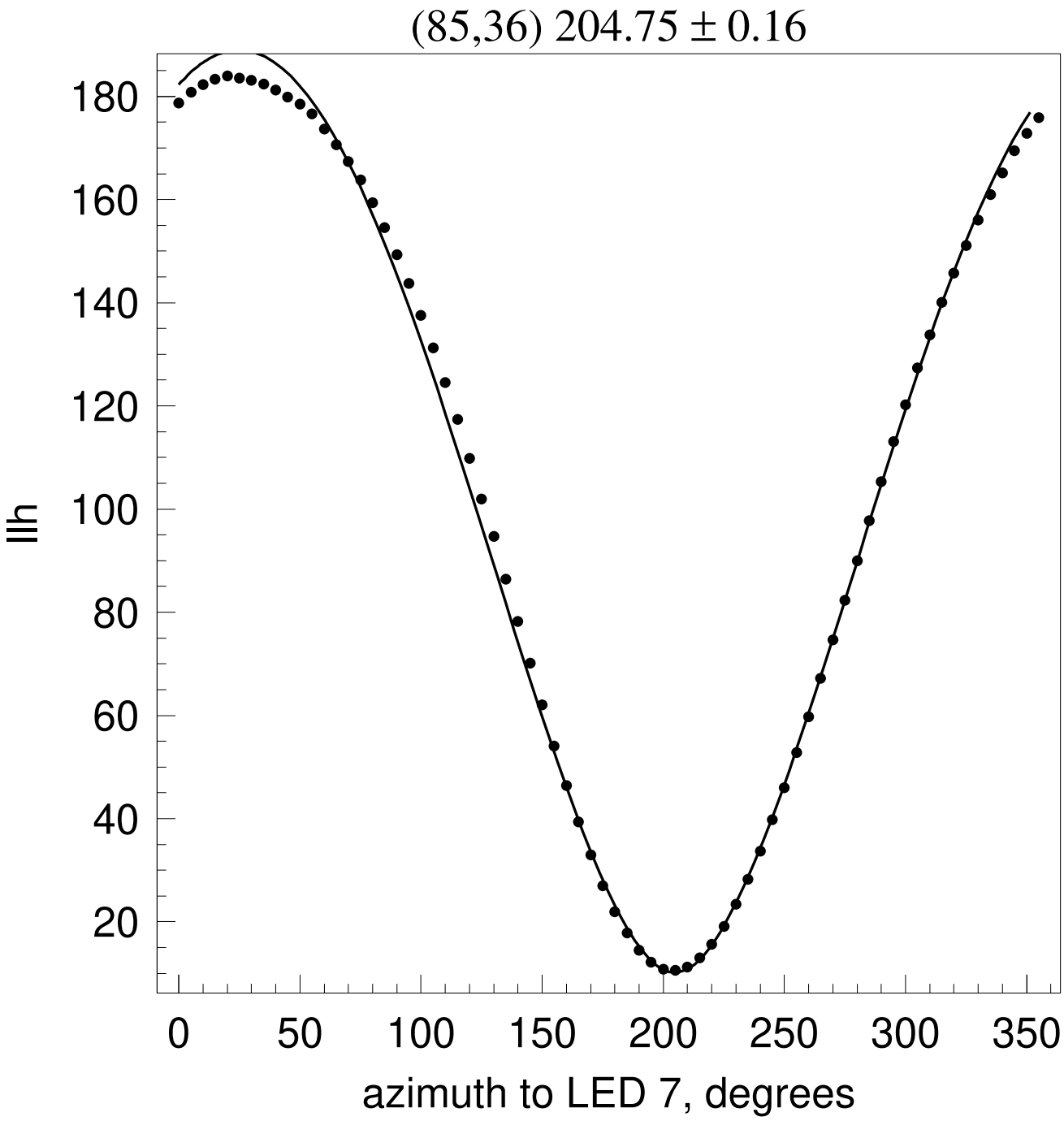

(85,31) 56.95 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

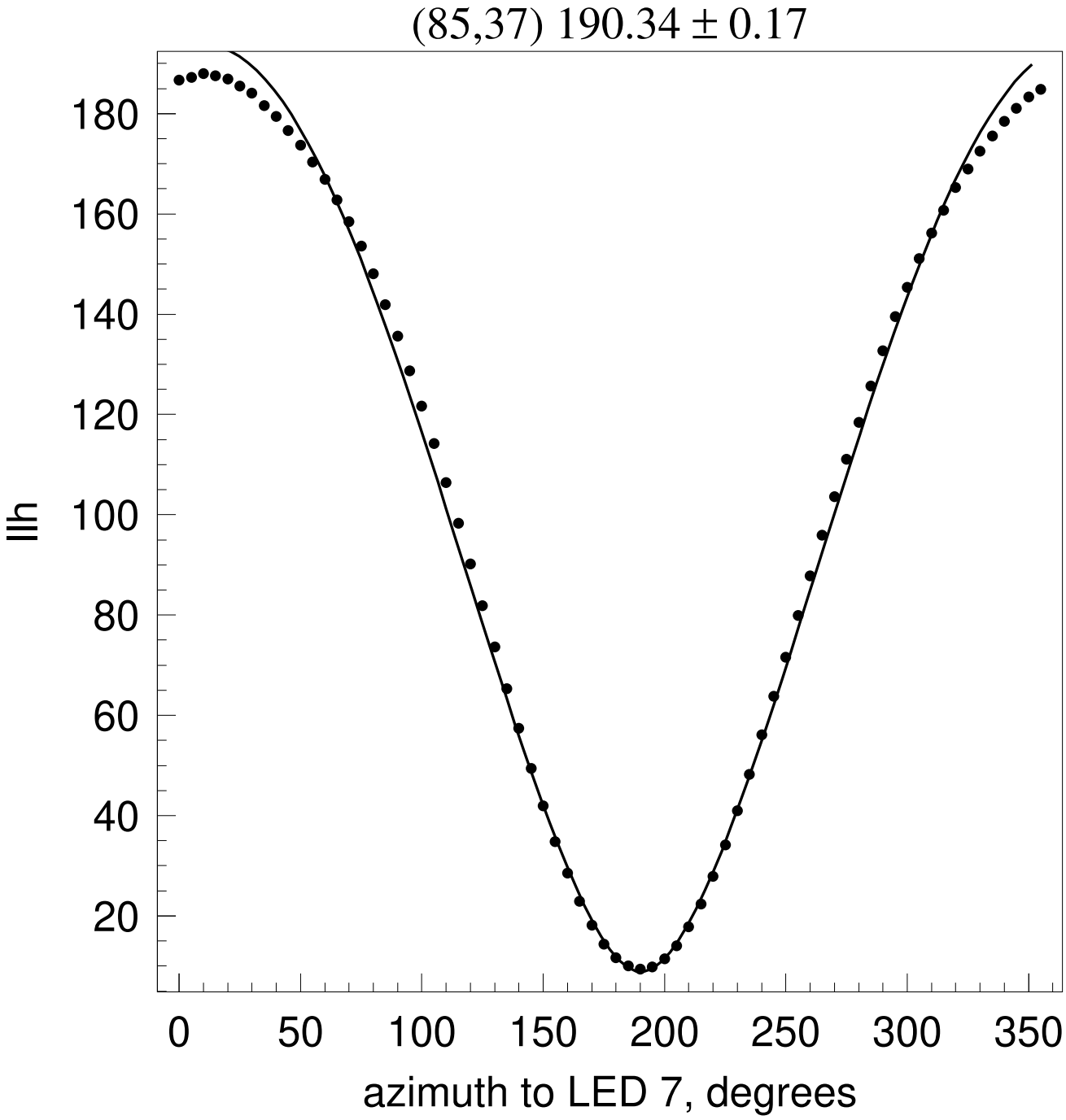

(85,32) 58.01 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

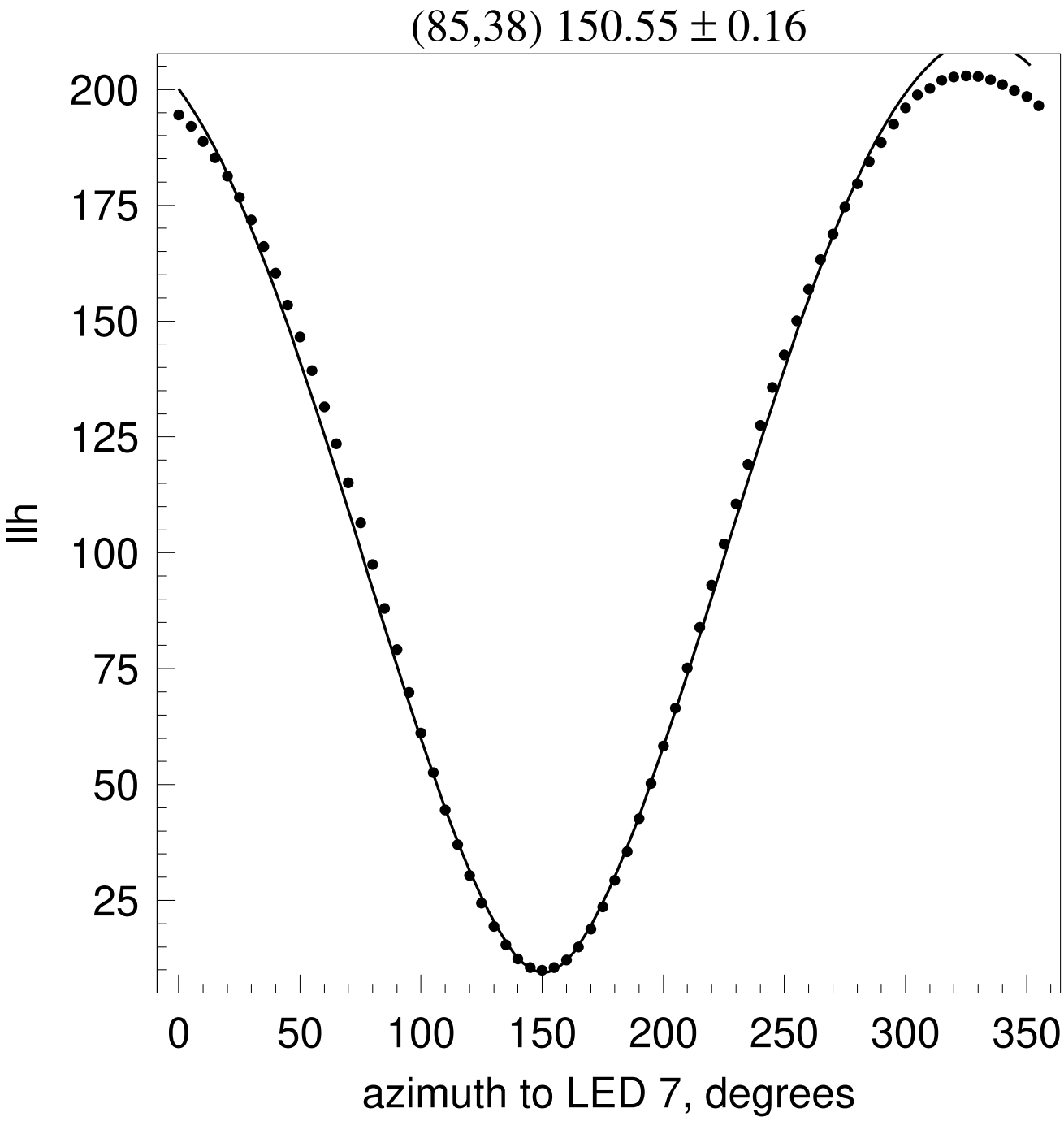

(85,33) 104.12 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

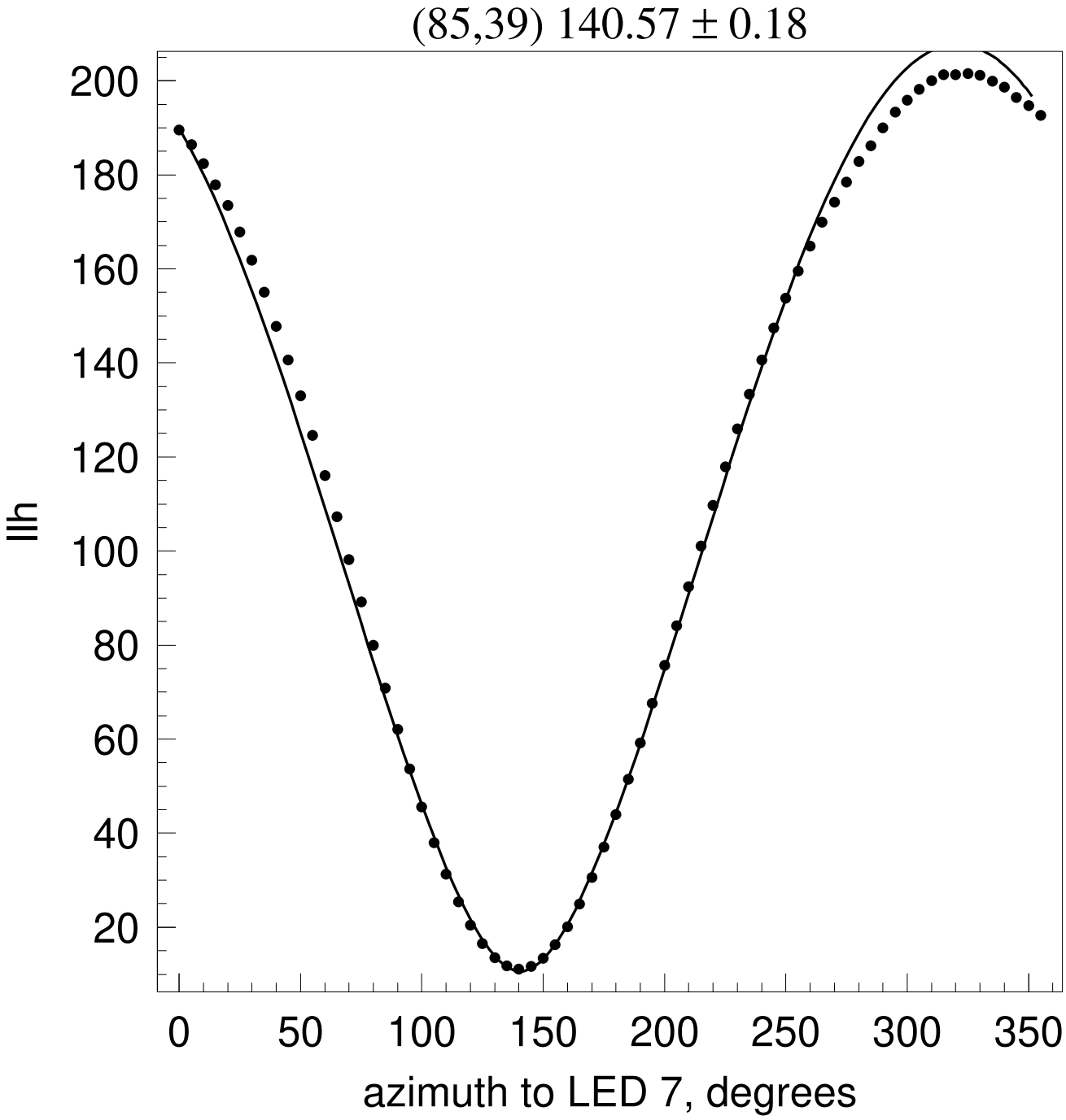

(85,34) 49.09 ± 0.08
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

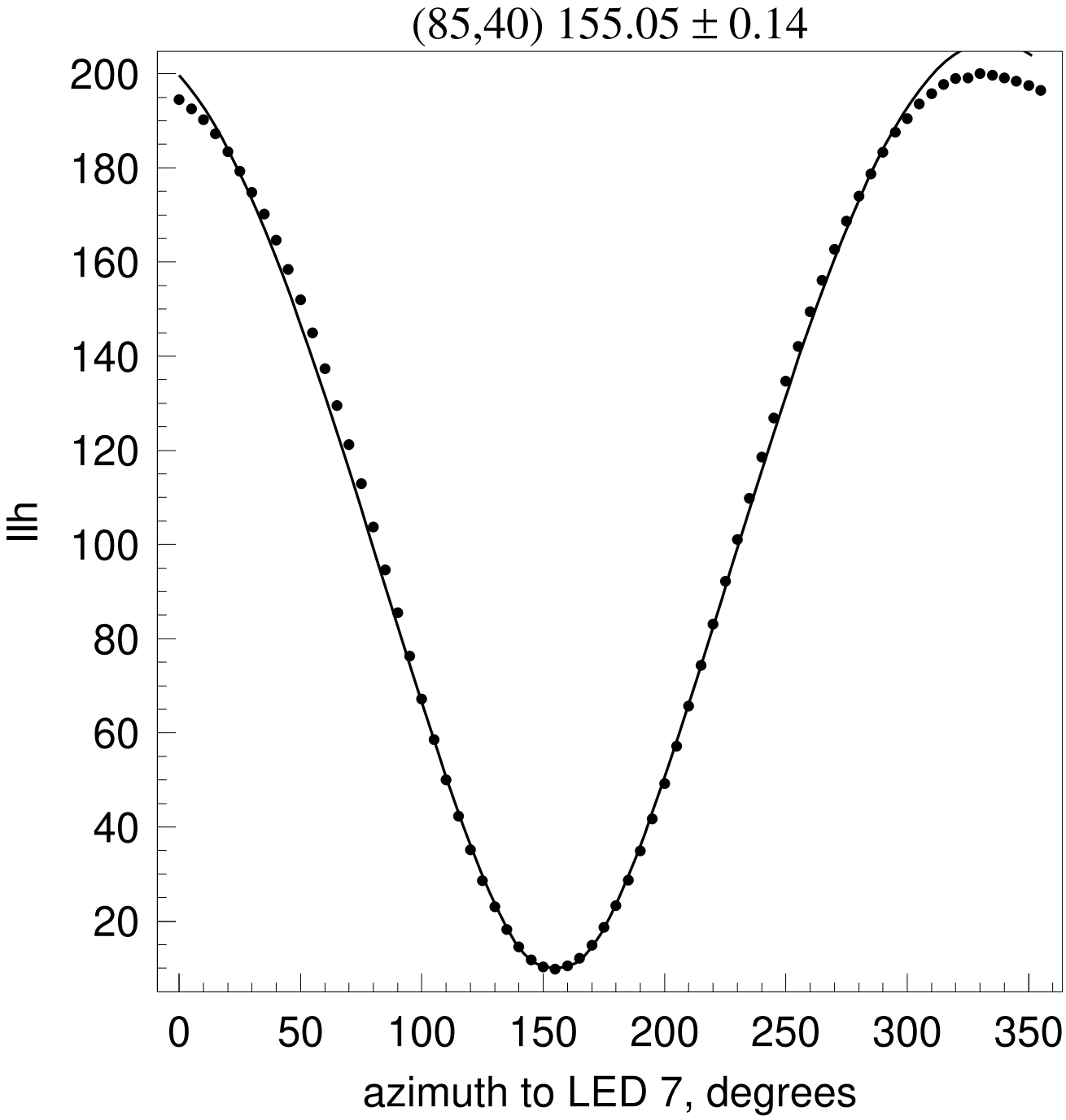

(85,35) 296.64 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

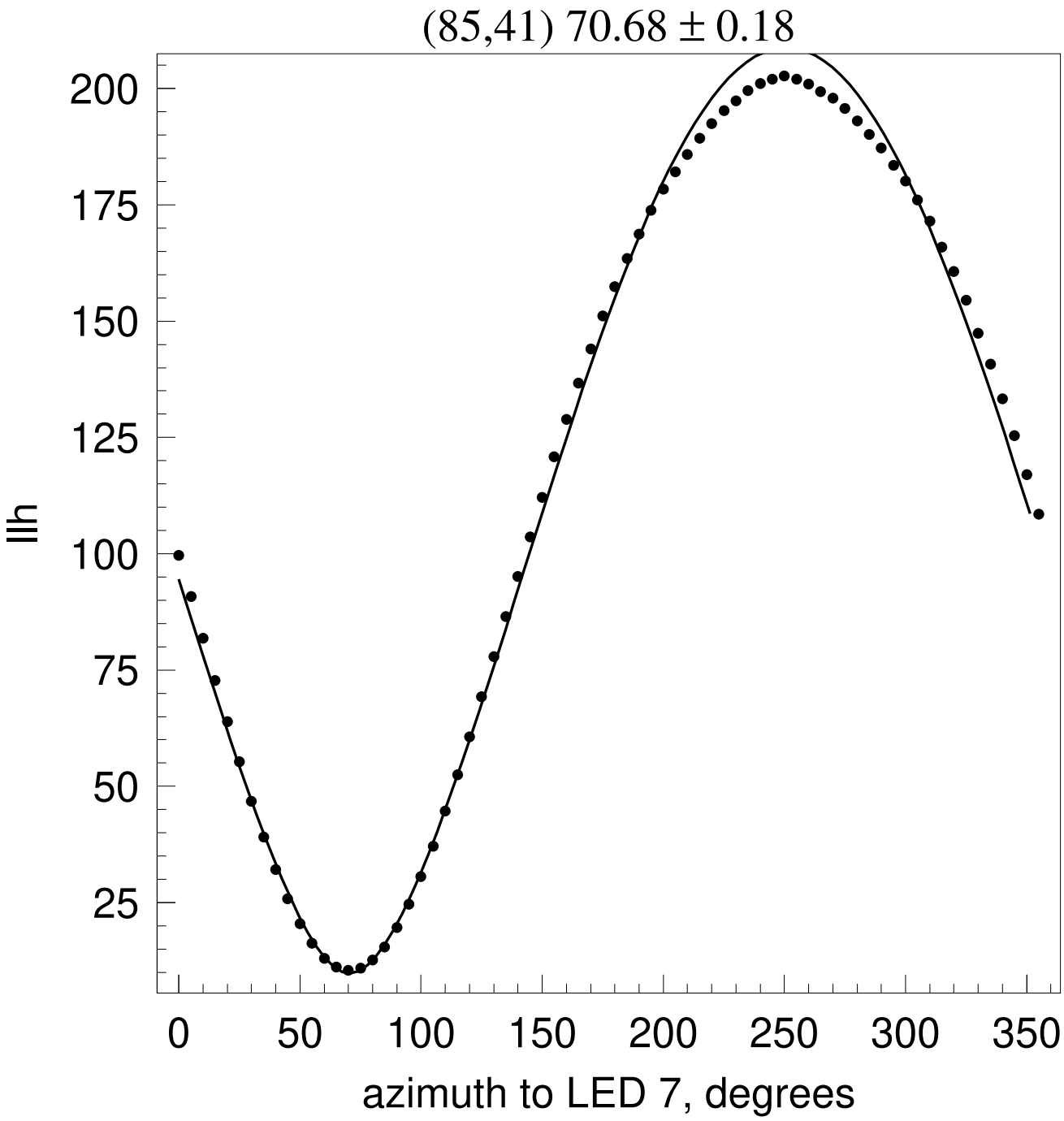

(85,36) 204.75 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

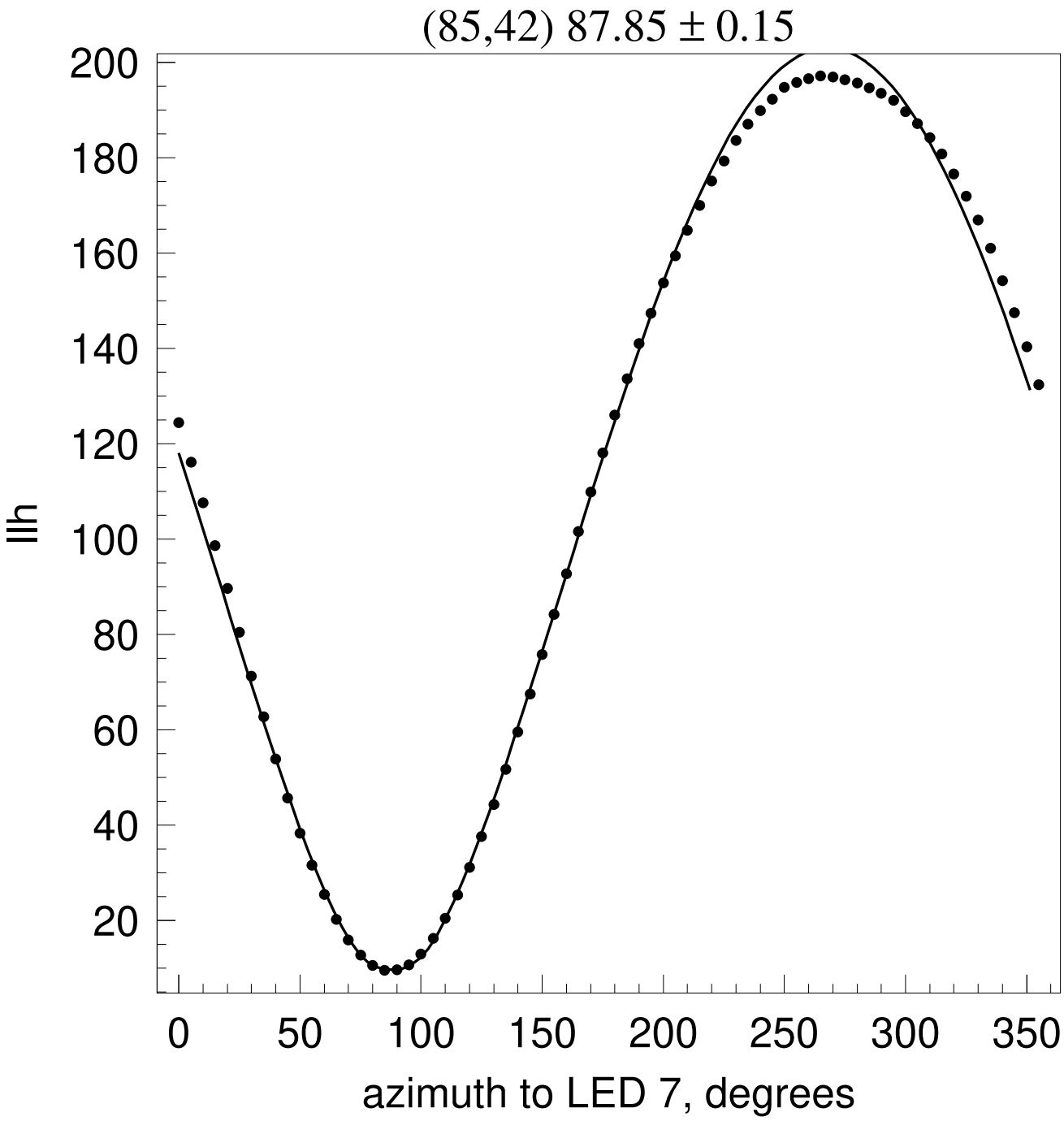

(85,37) 190.34 ± 0.17
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

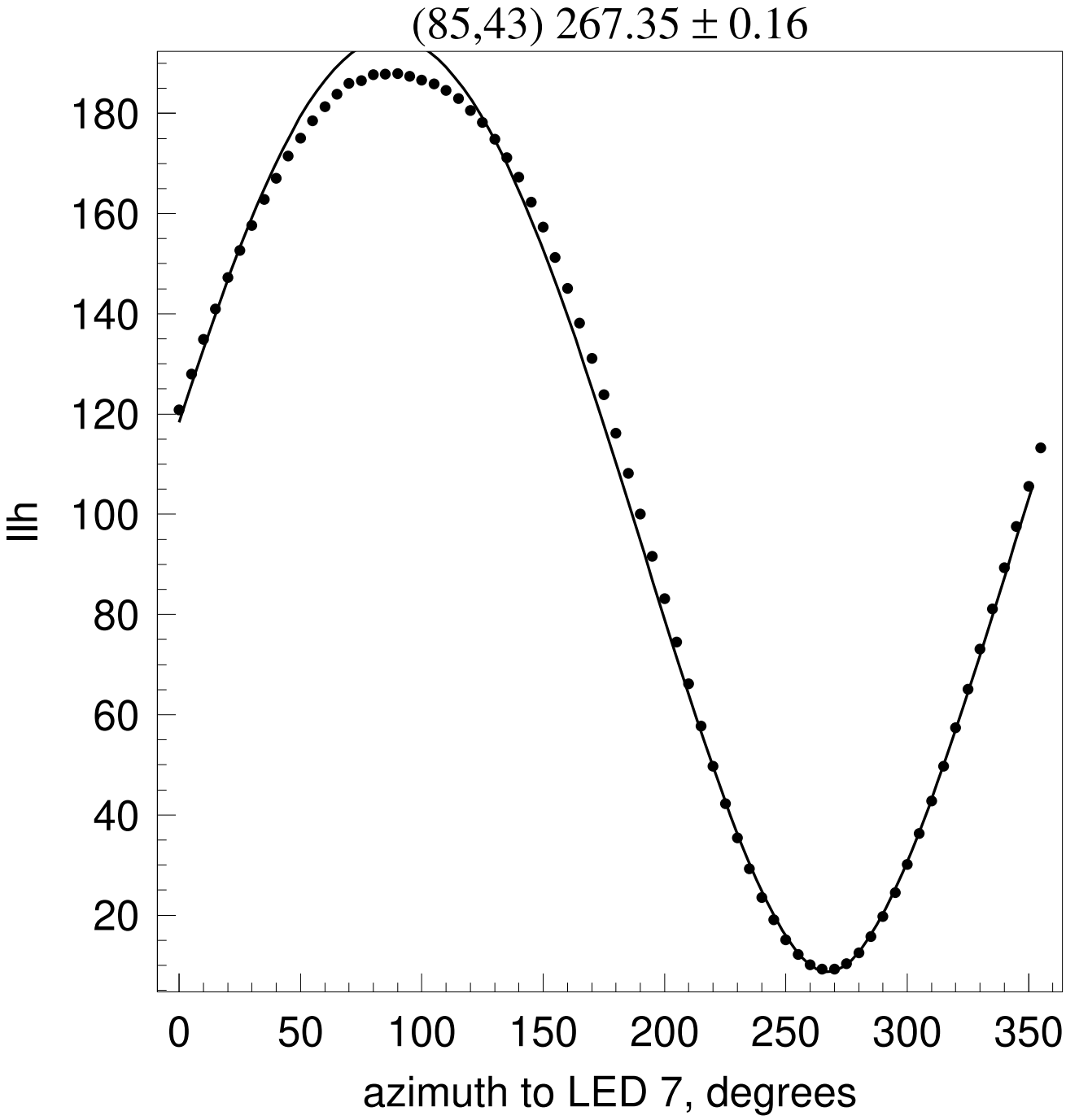

(85,38) 150.55 ± 0.16
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

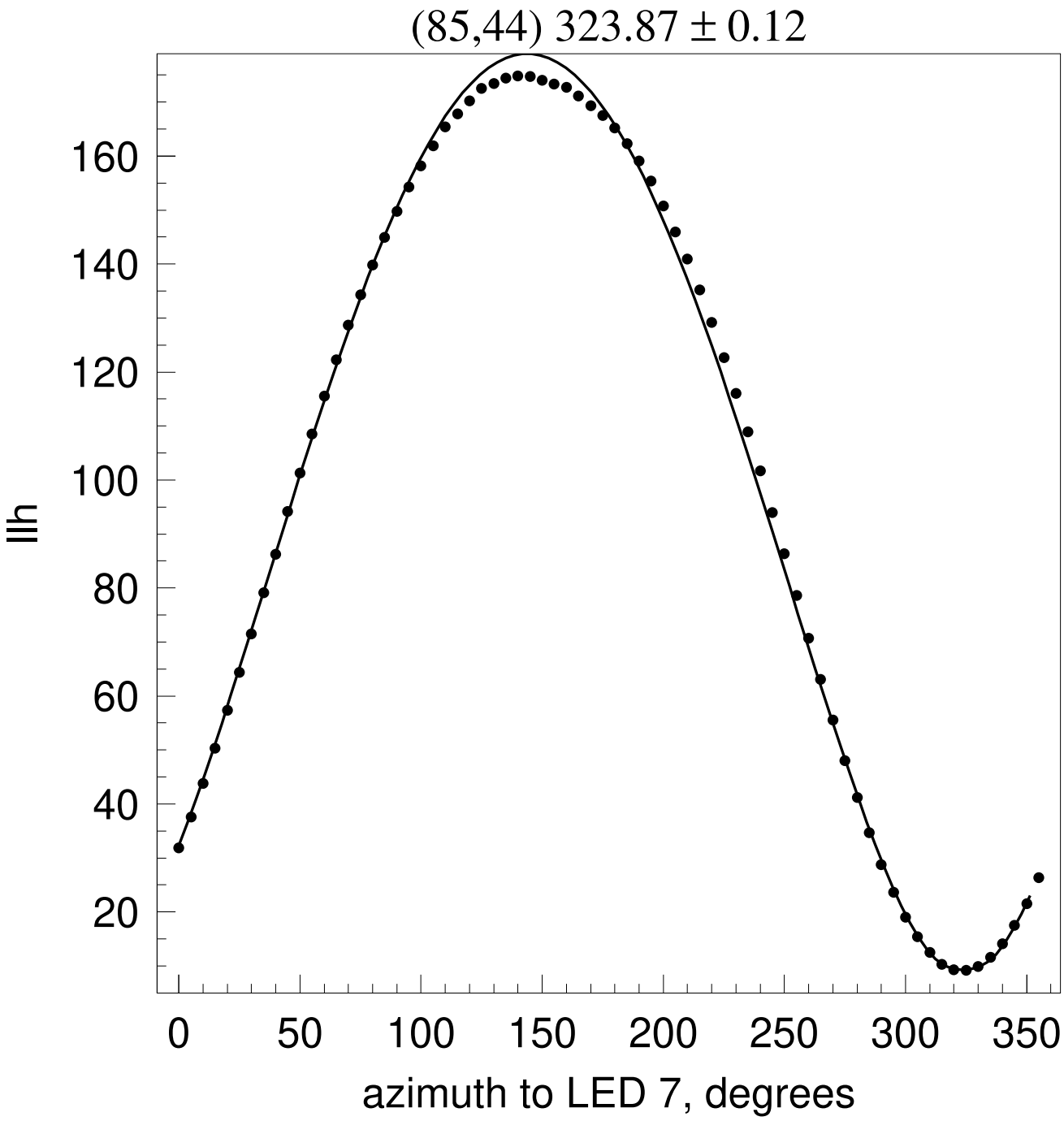

(85,39) 140.57 ± 0.18
llh
200
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

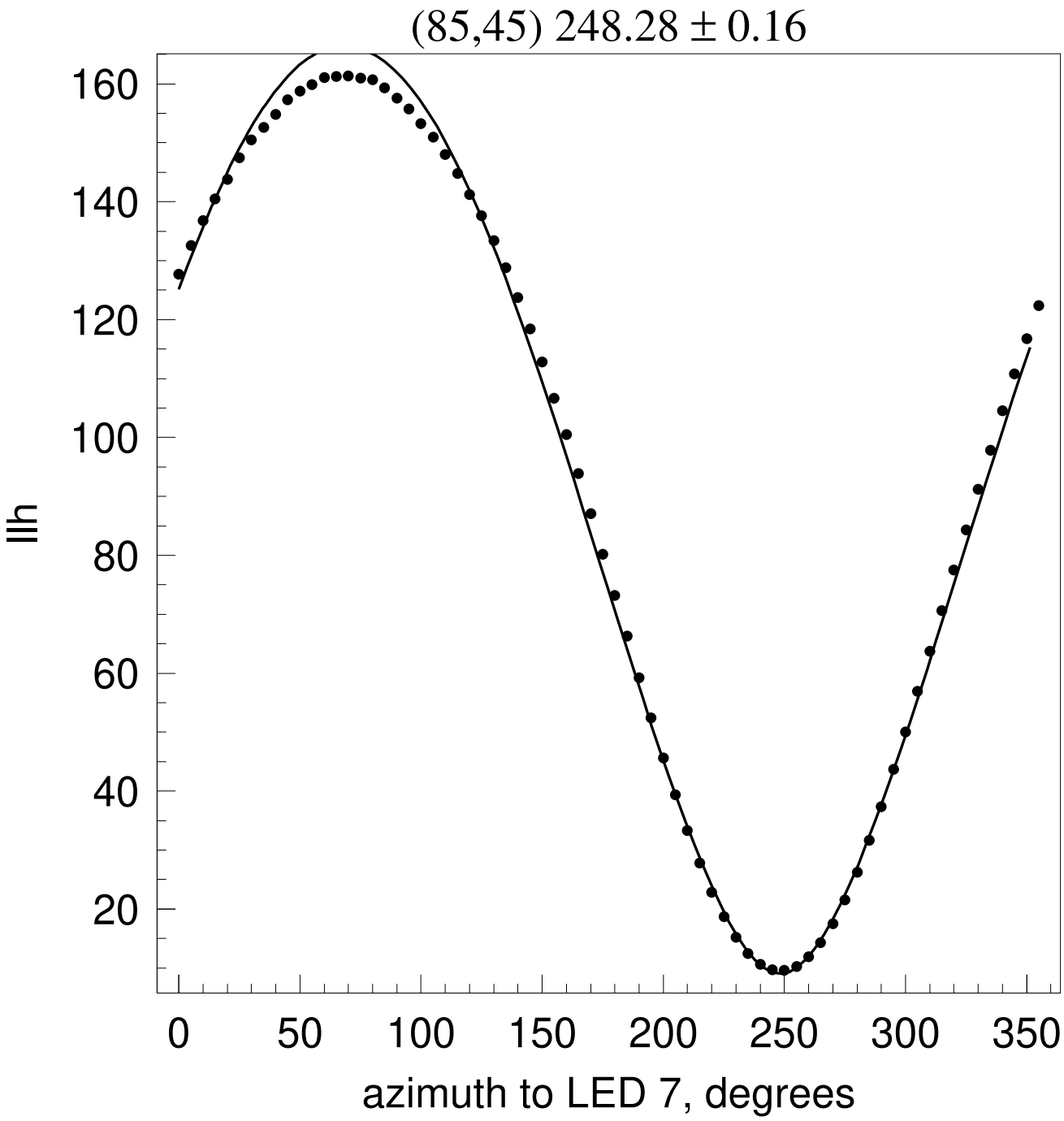

(85,40) 155.05 ± 0.14
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

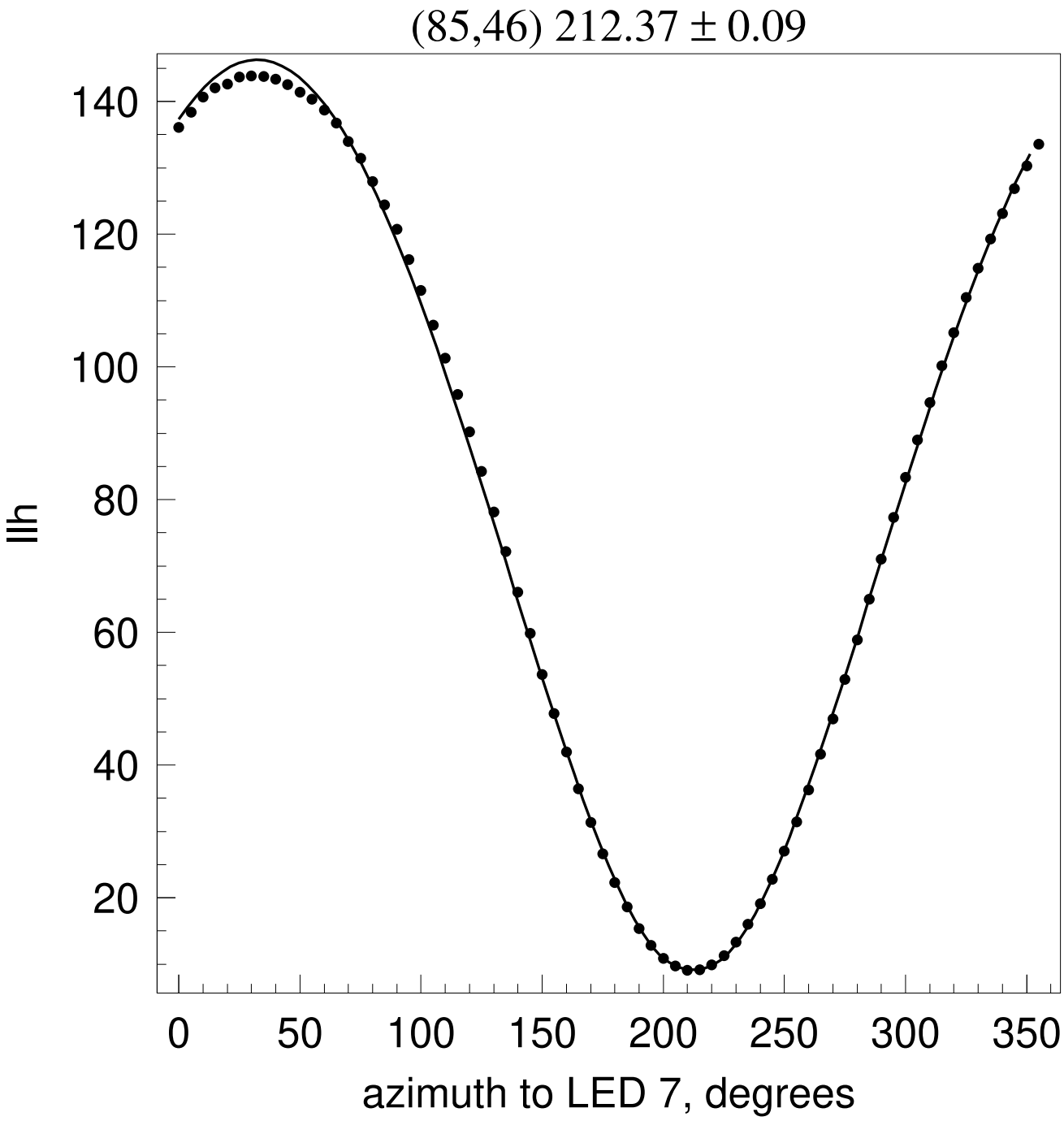

(85,41) 70.68 ± 0.18
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

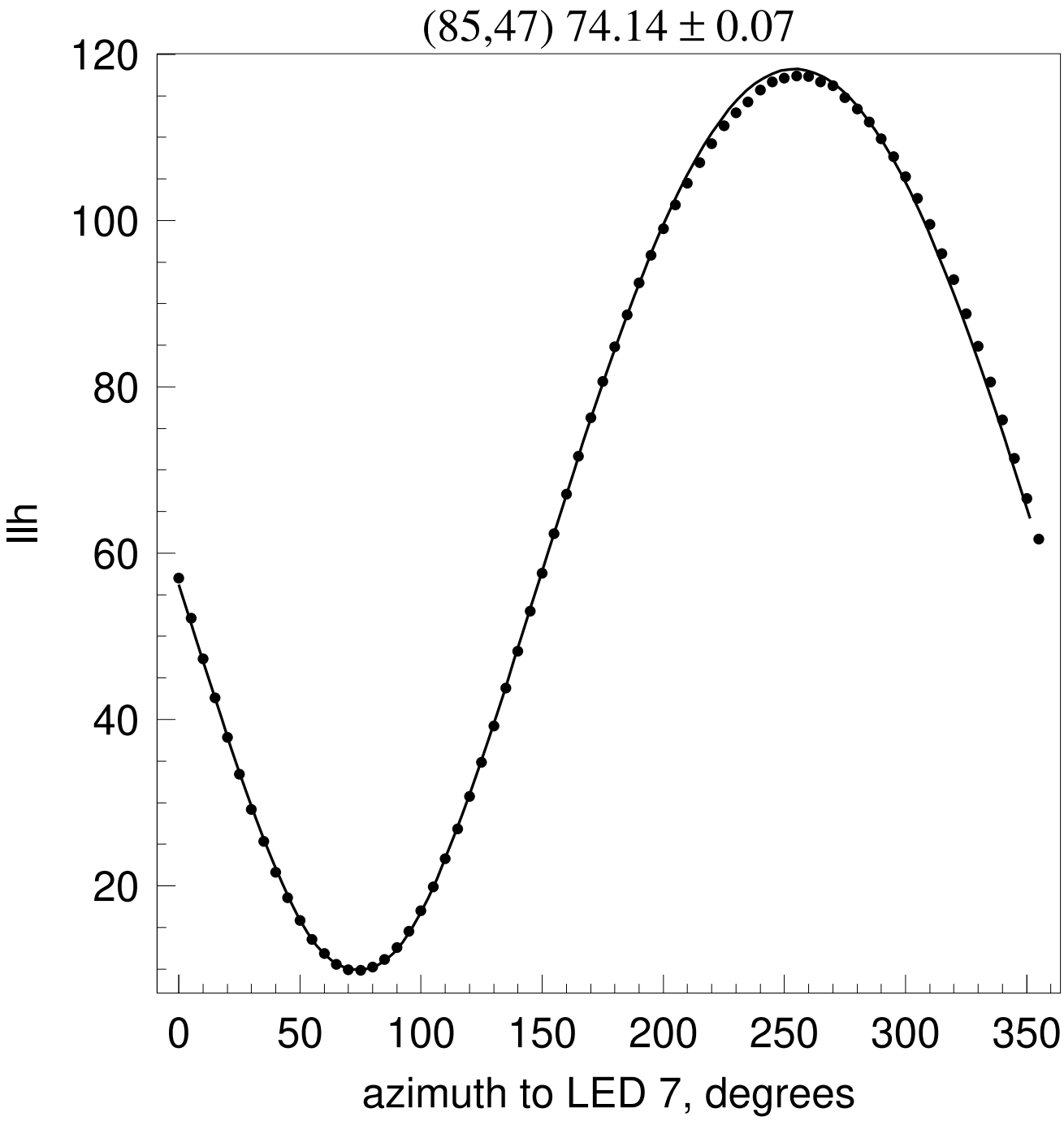

(85,42) 87.85 ± 0.15
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

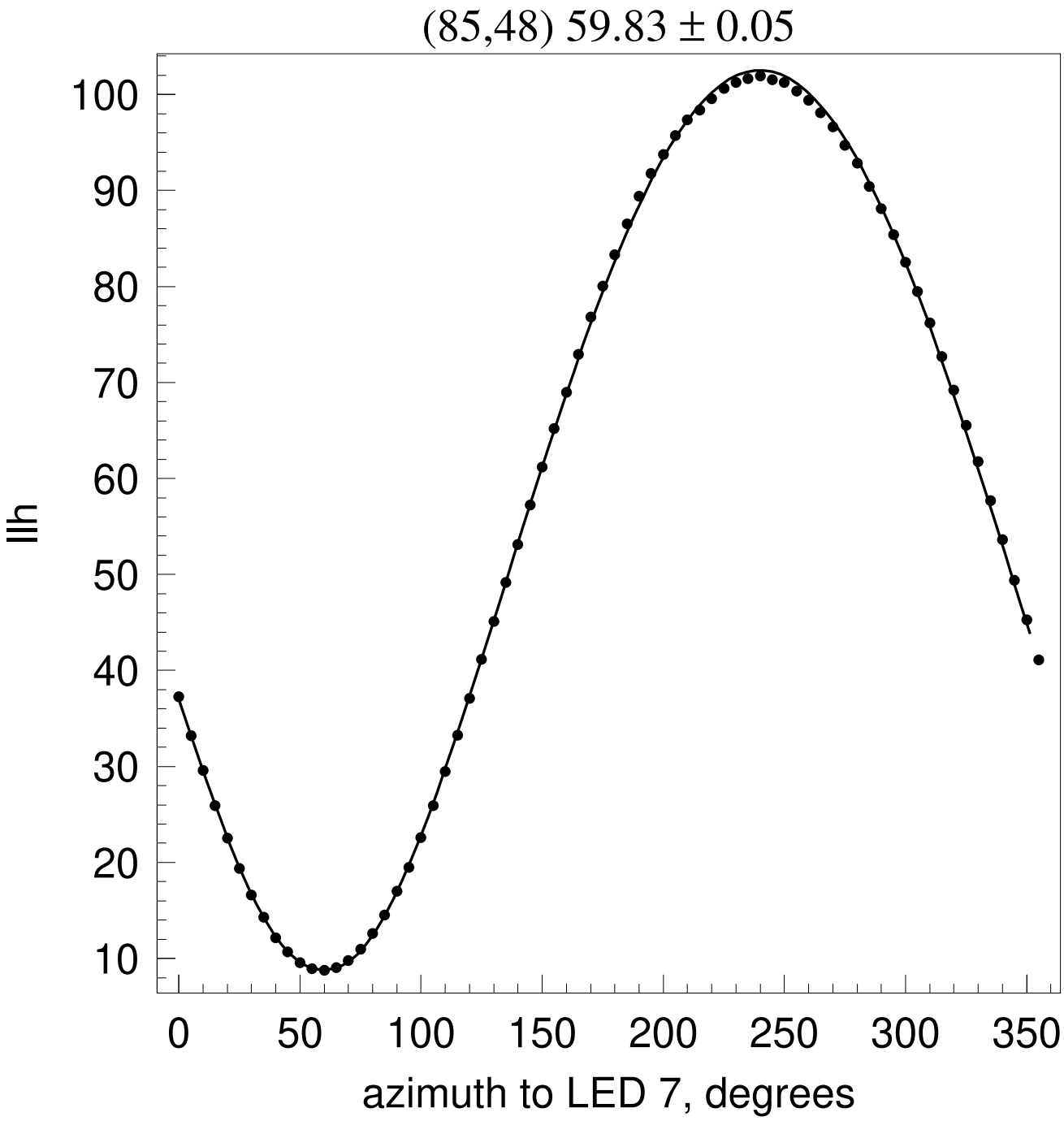

(85,43) 267.35 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

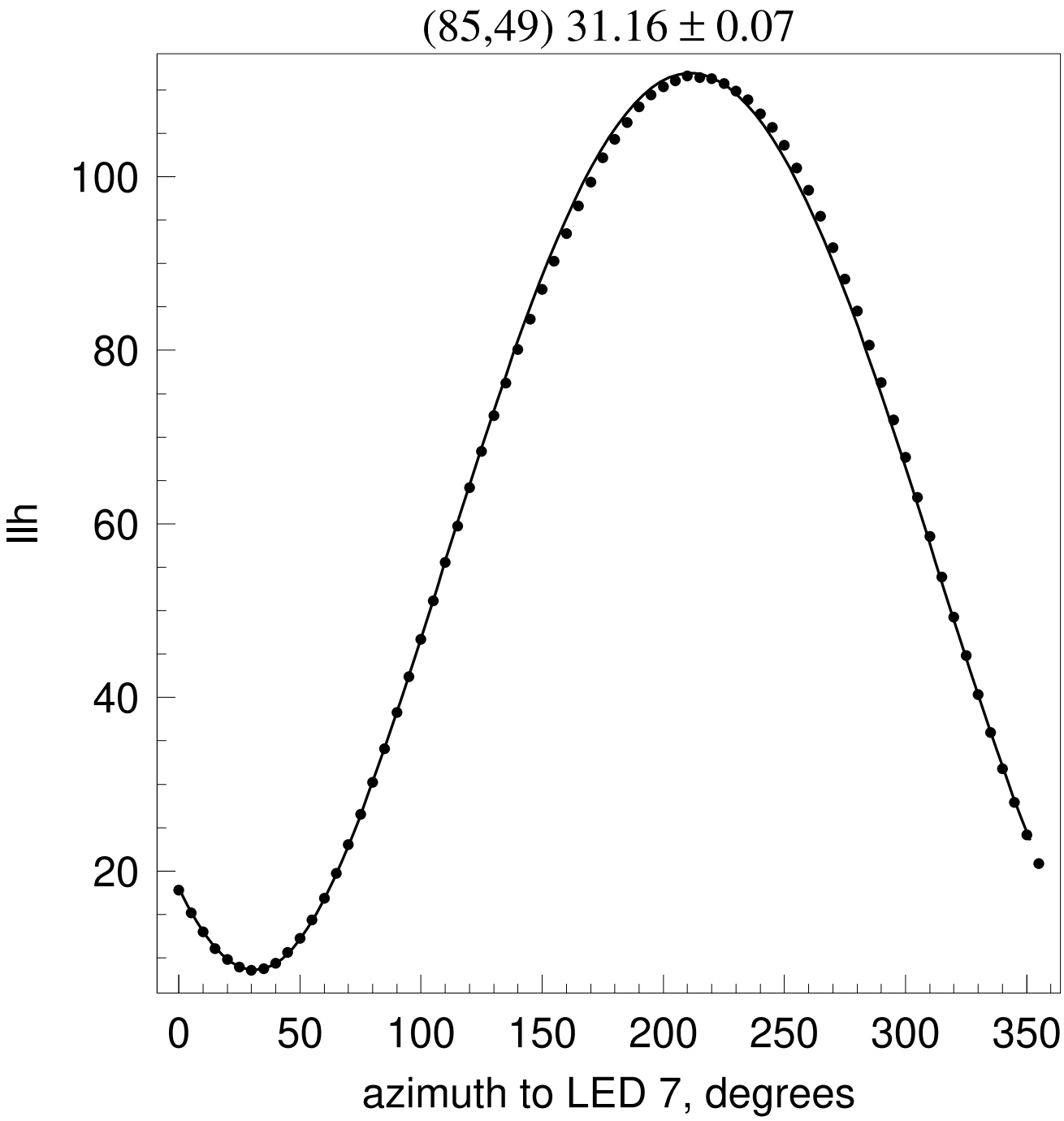

(85,44) 323.87 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

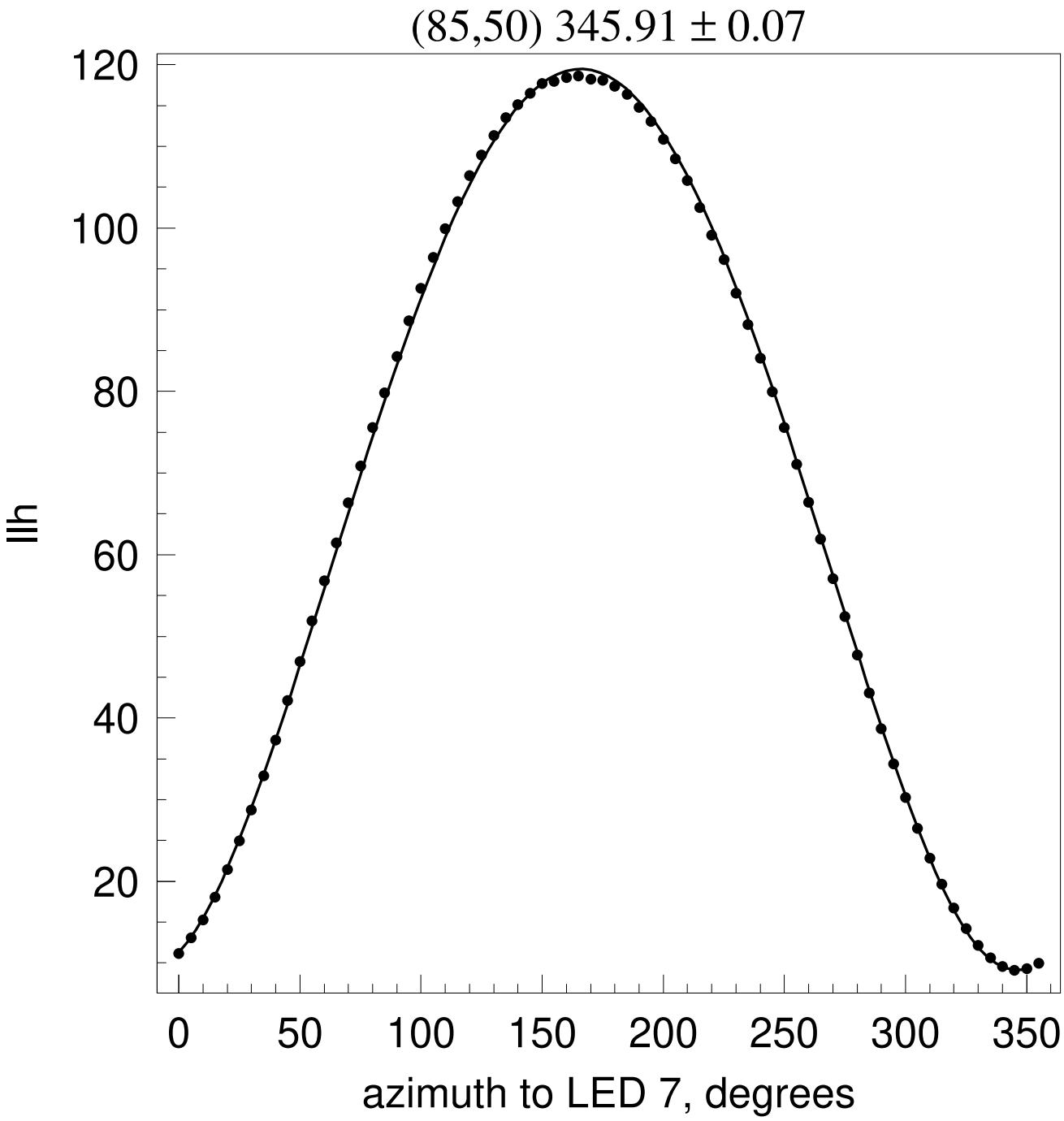

(85,45) 248.28 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

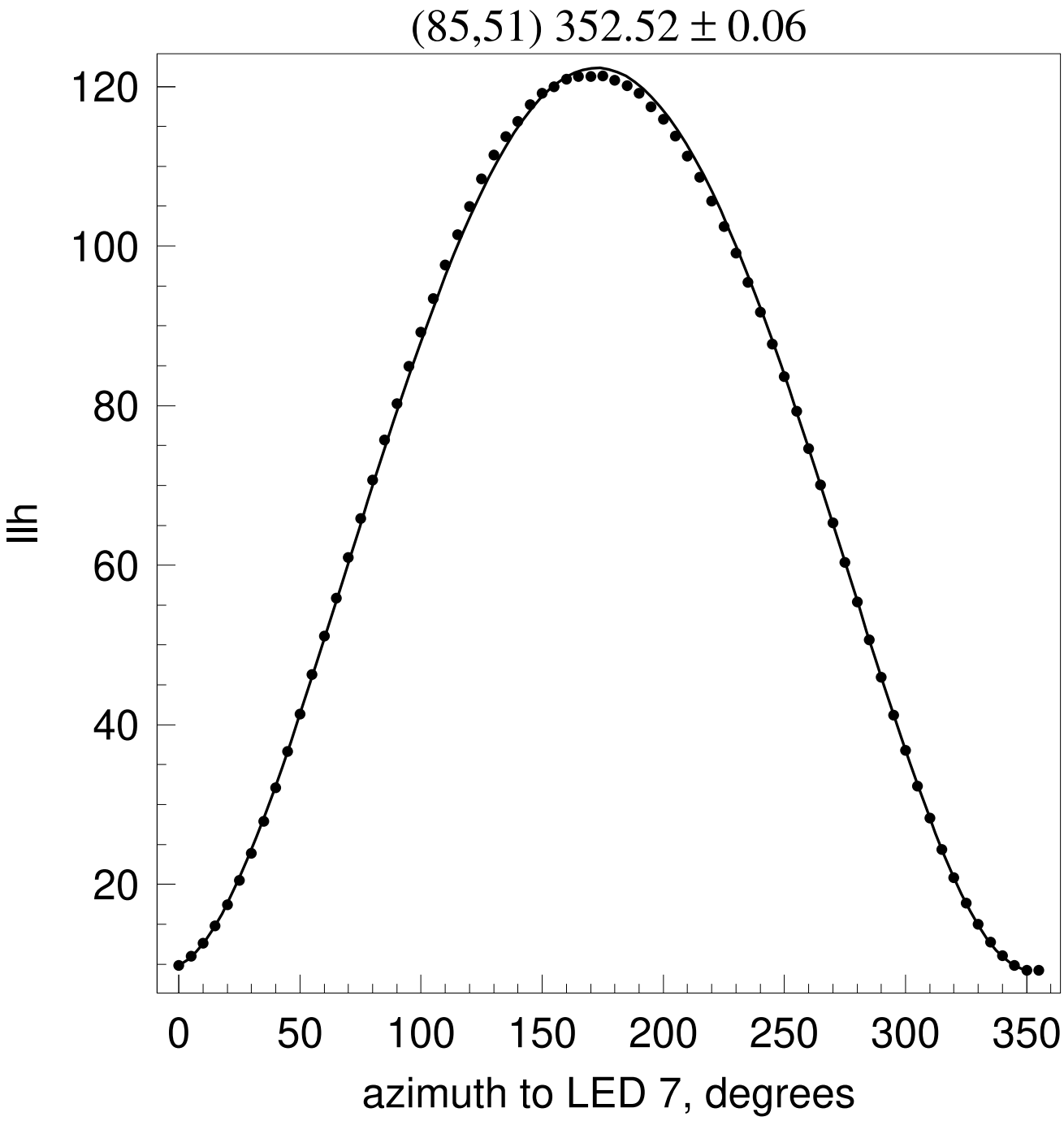

(85,46) 212.37 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

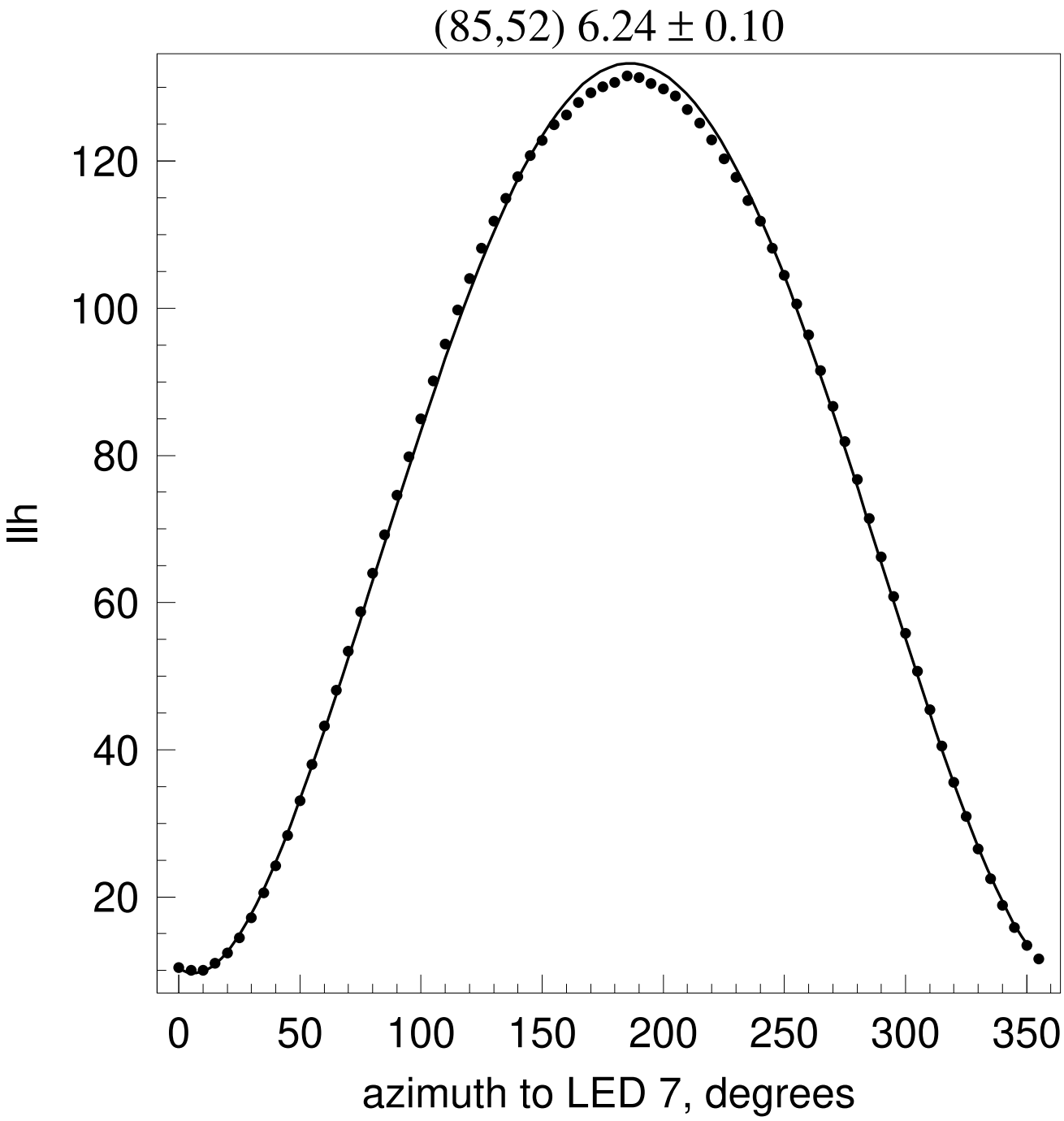

(85,47) 74.14 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

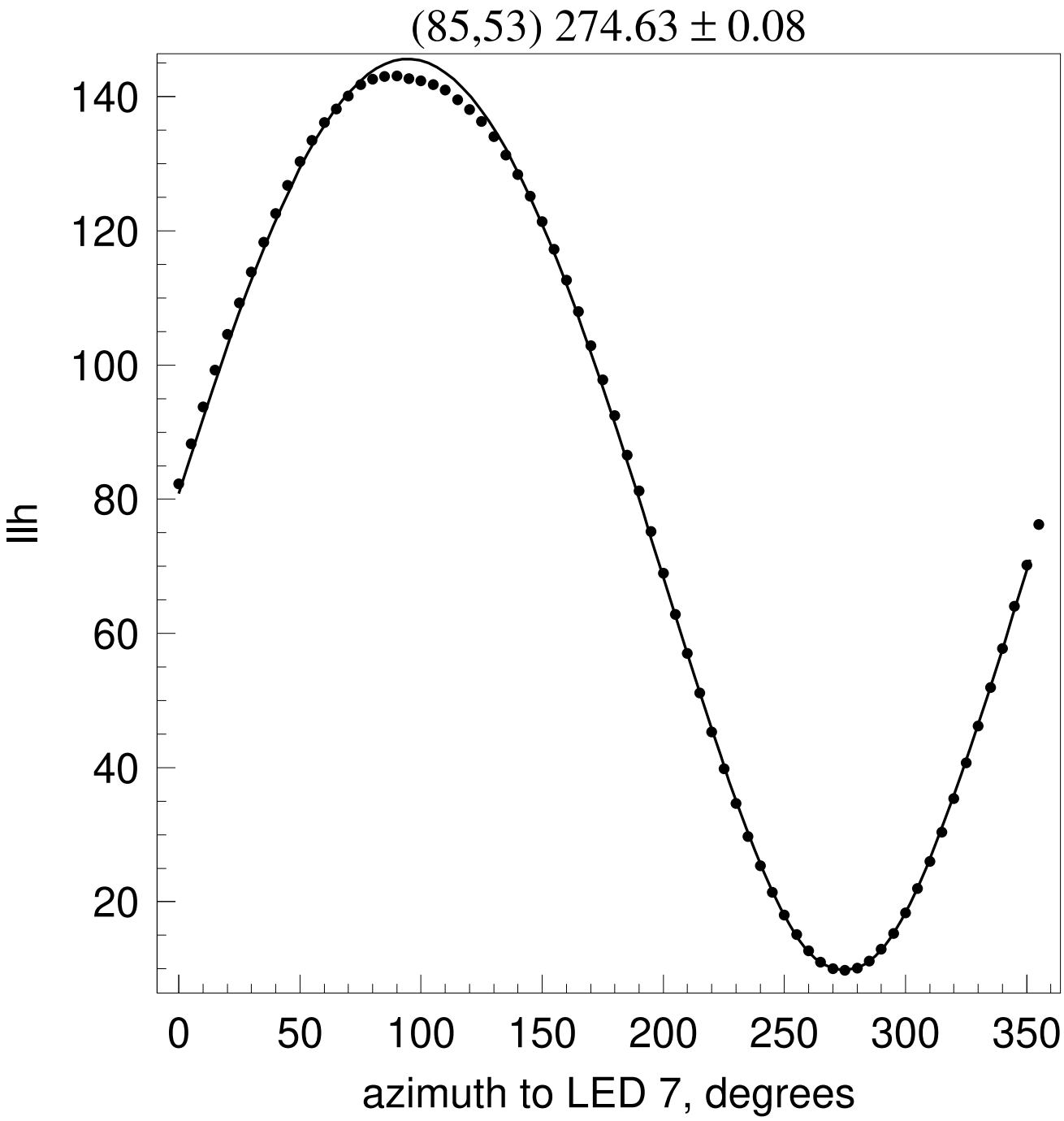

(85,48) 59.83 ± 0.05
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

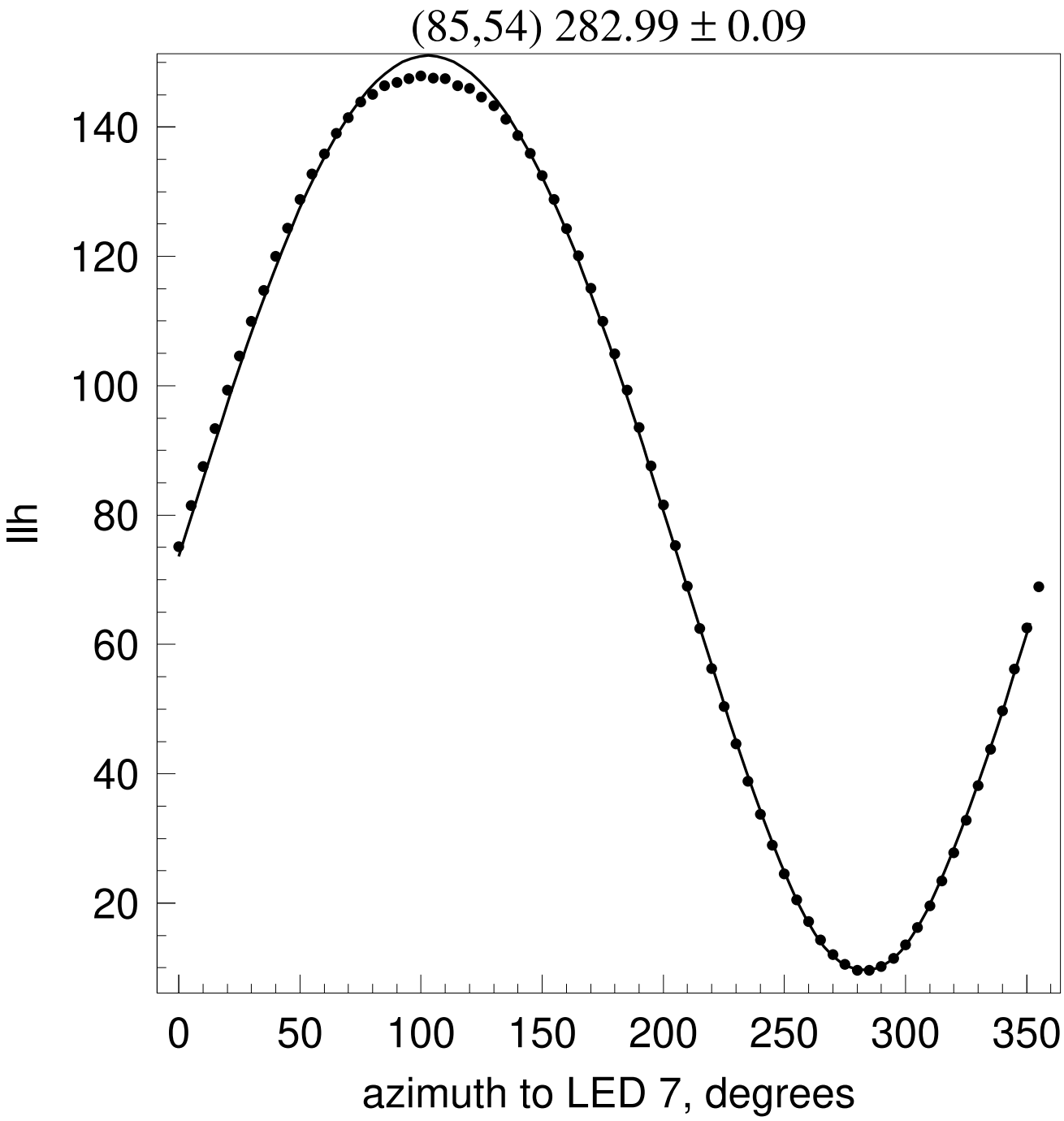

(85,49) 31.16 ± 0.07
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

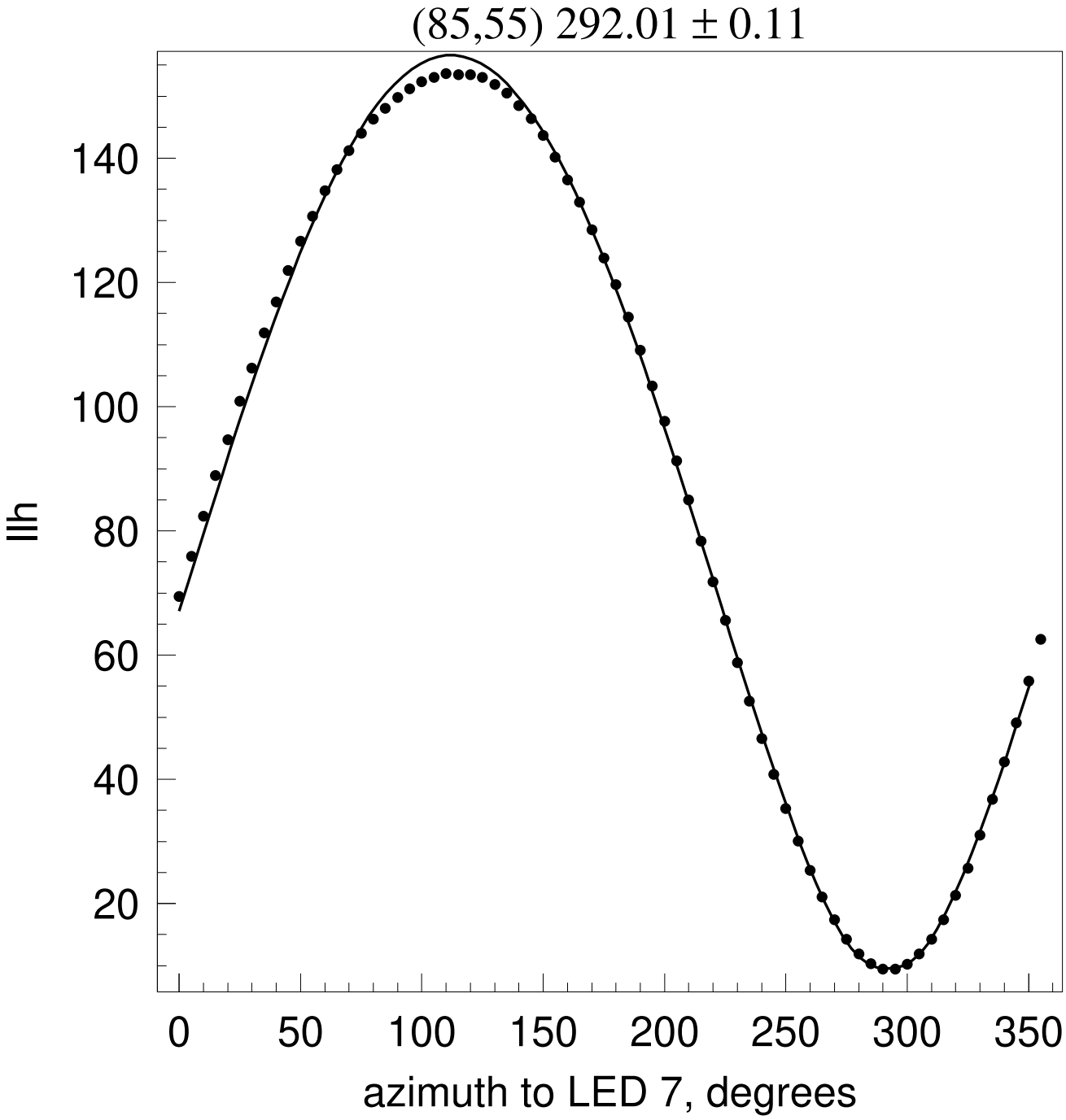

(85,50) 345.91 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

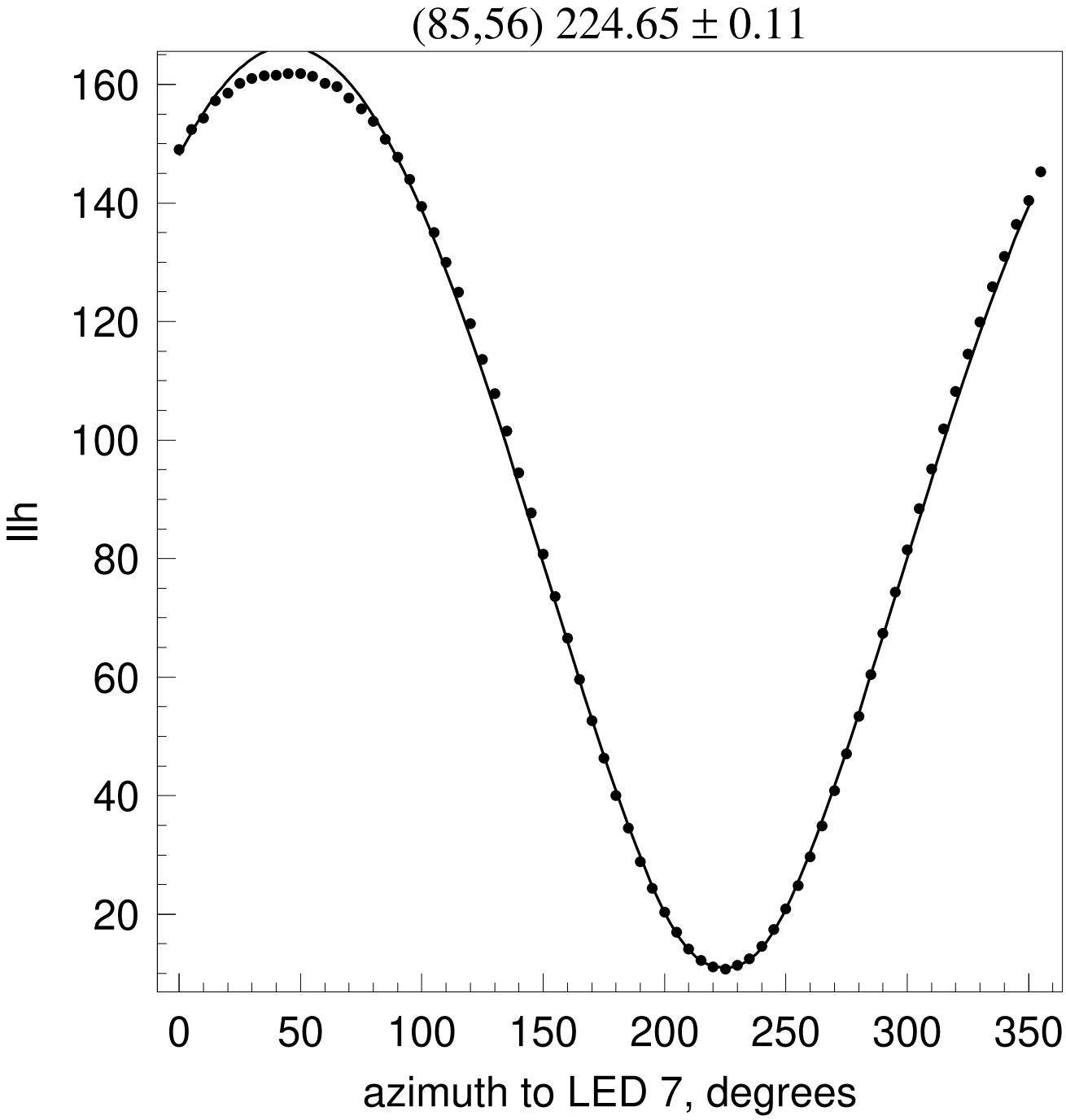

(85,51) 352.52 ± 0.06
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

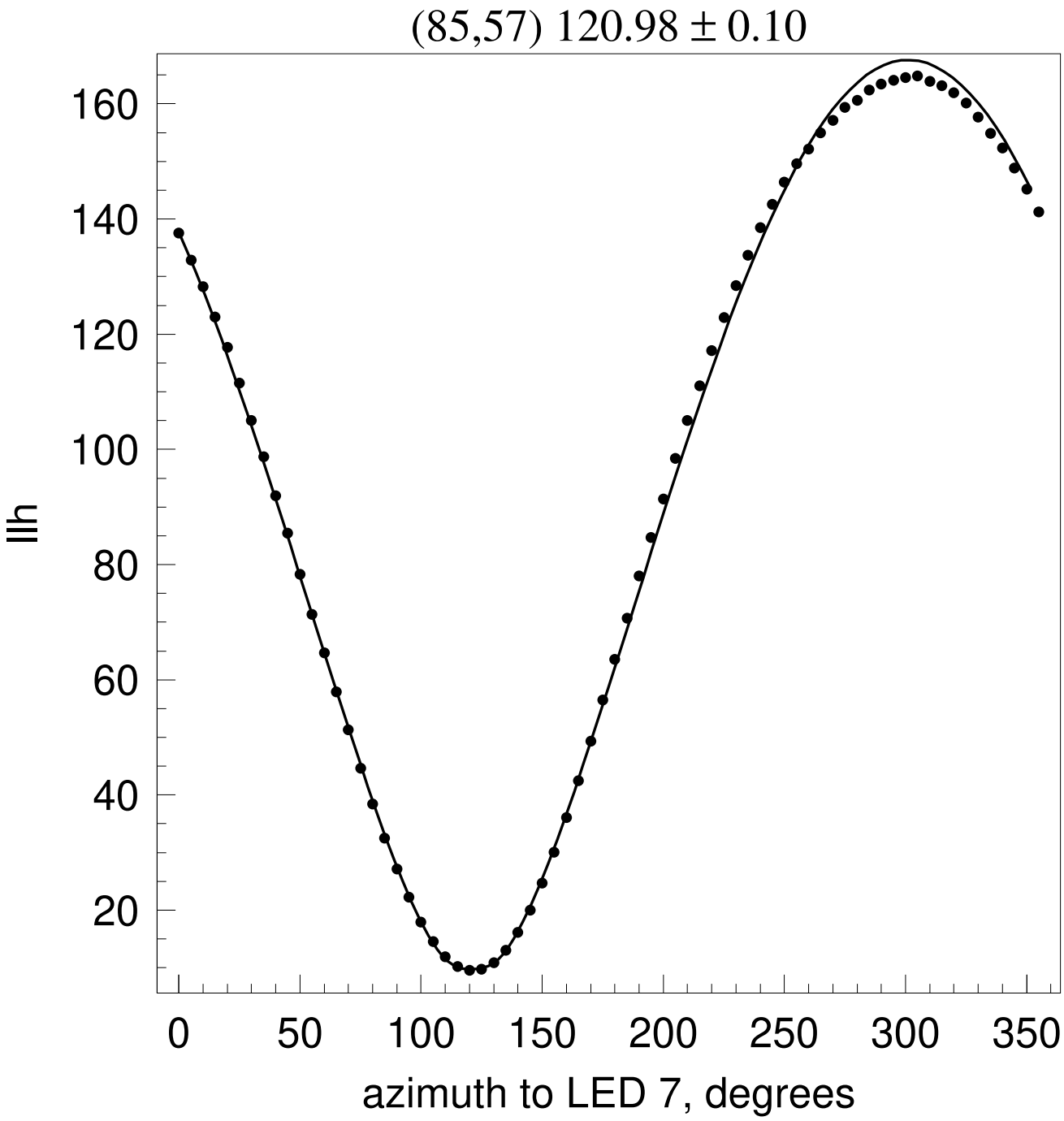

(85,52) 6.24 ± 0.10
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

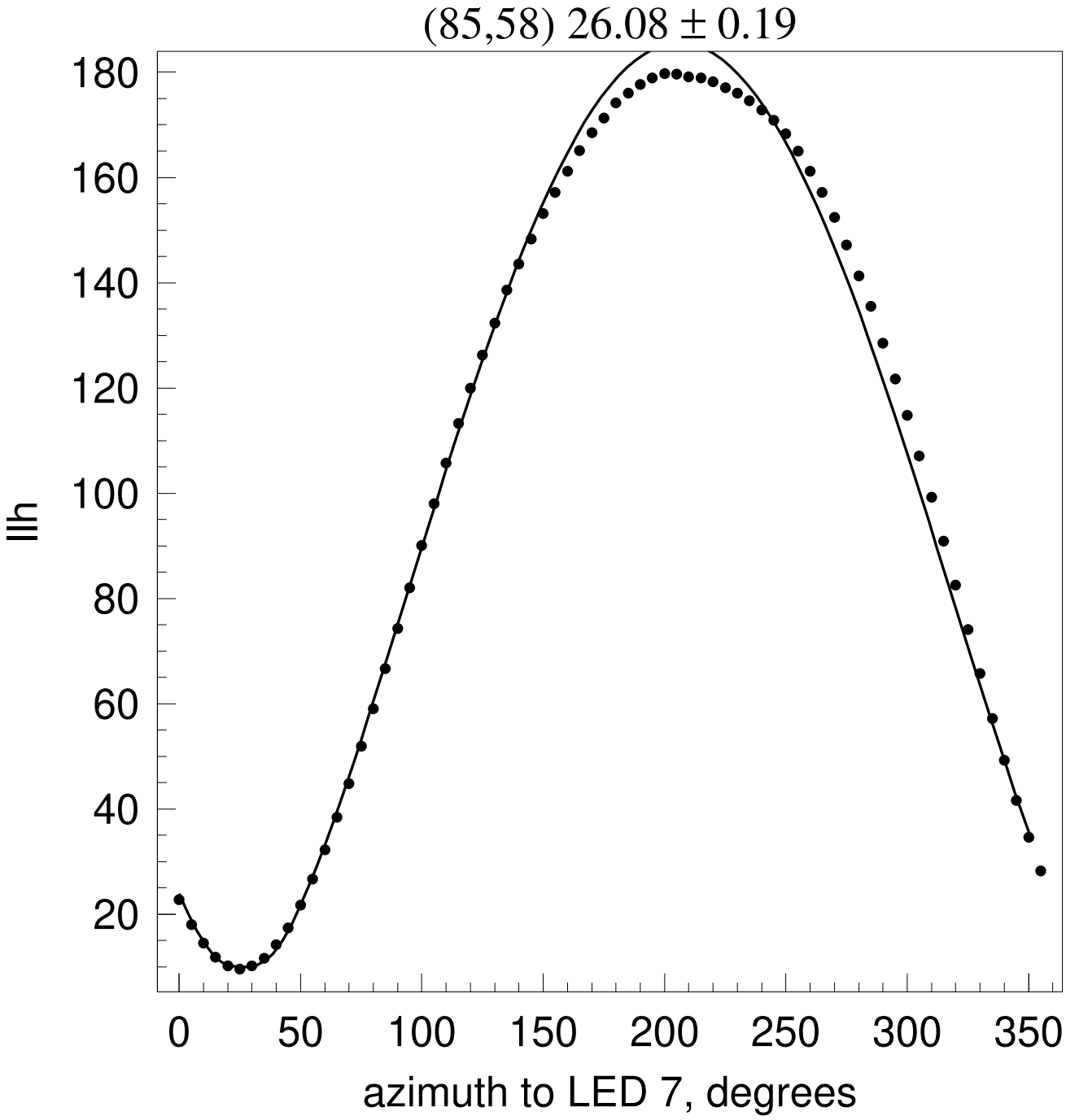

(85,53) 274.63 ± 0.08
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

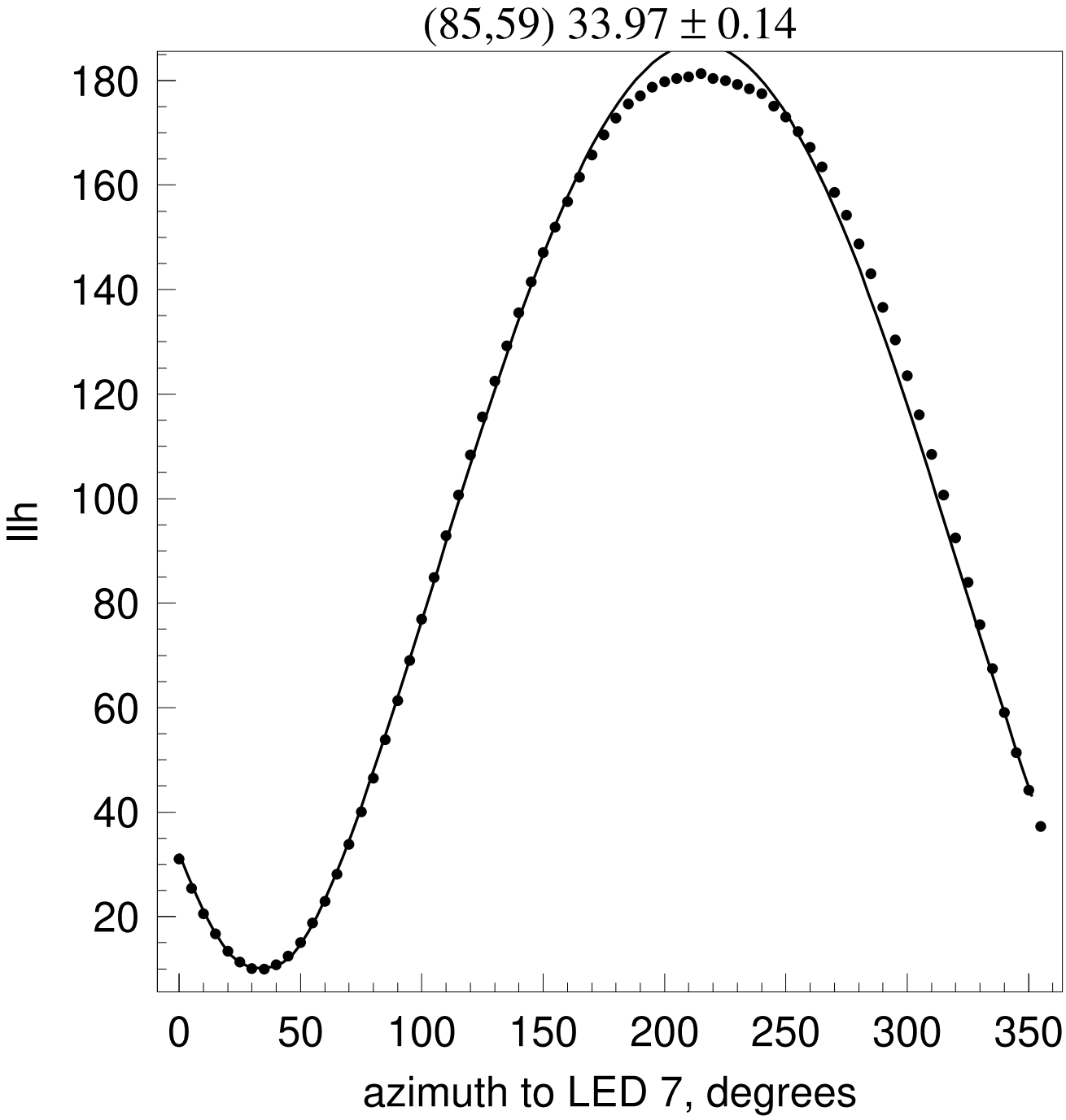

(85,54) 282.99 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

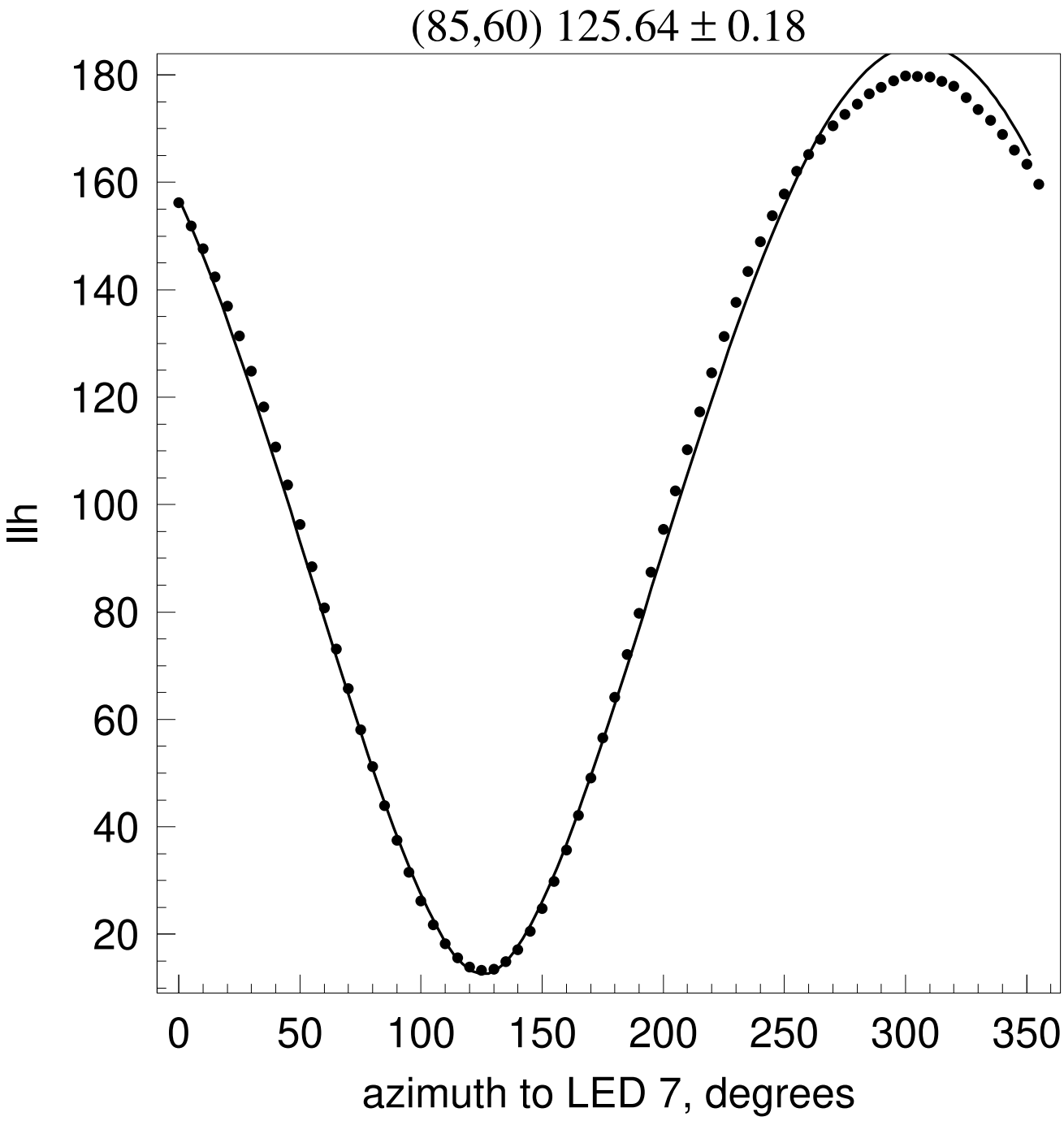

(85,55) 292.01 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

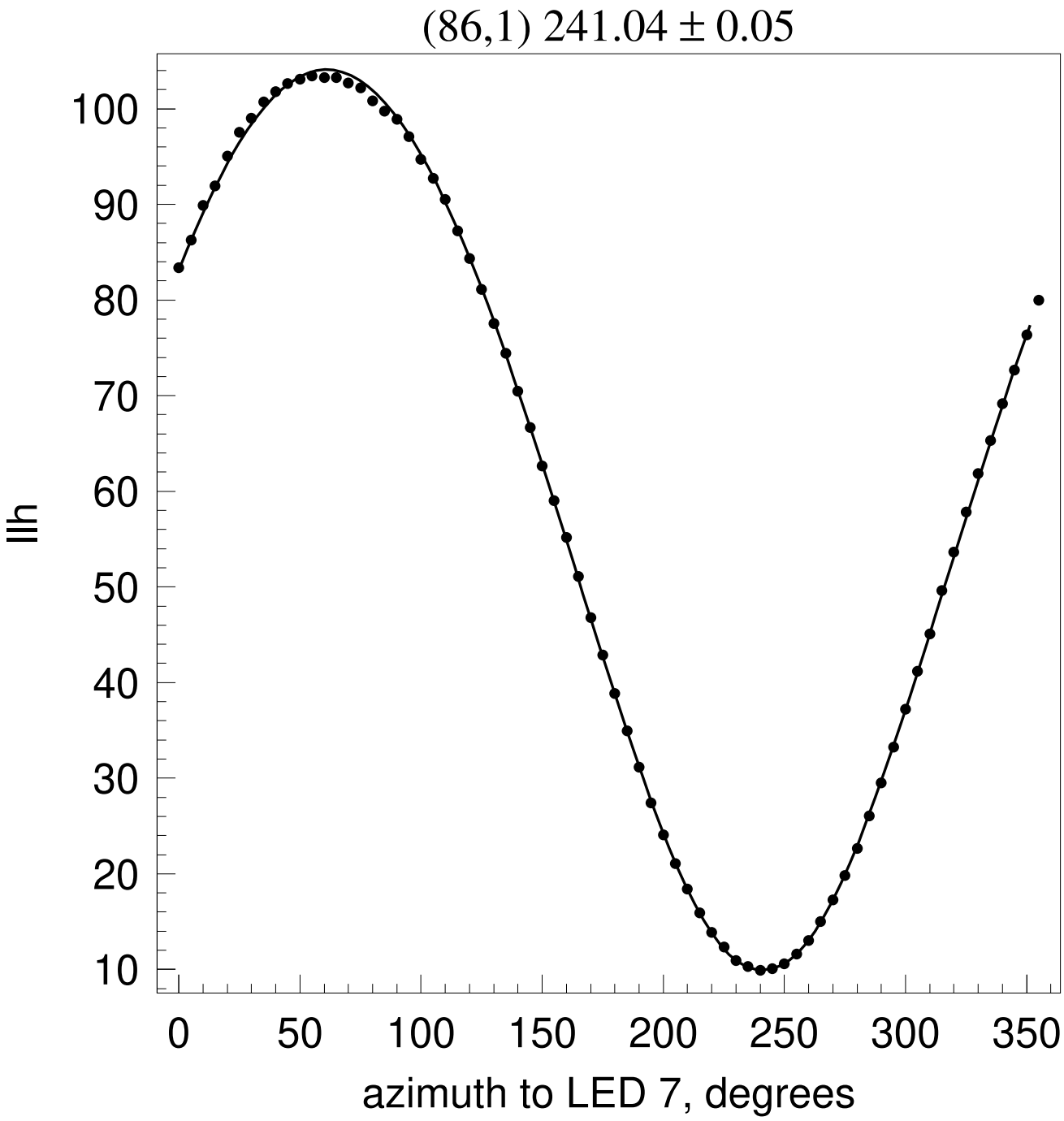

(85,56) 224.65 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

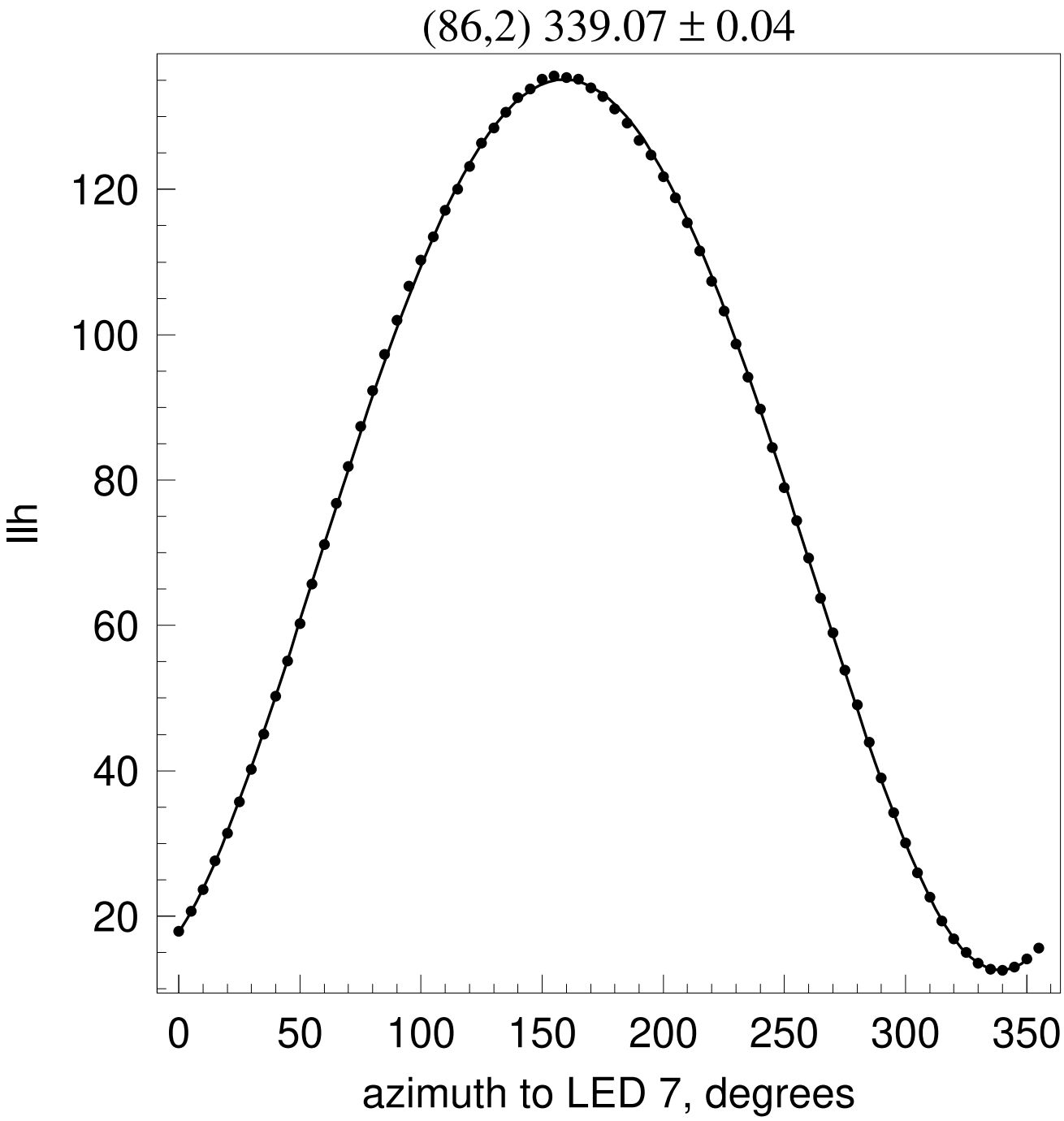

(85,57) 120.98 ± 0.10
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

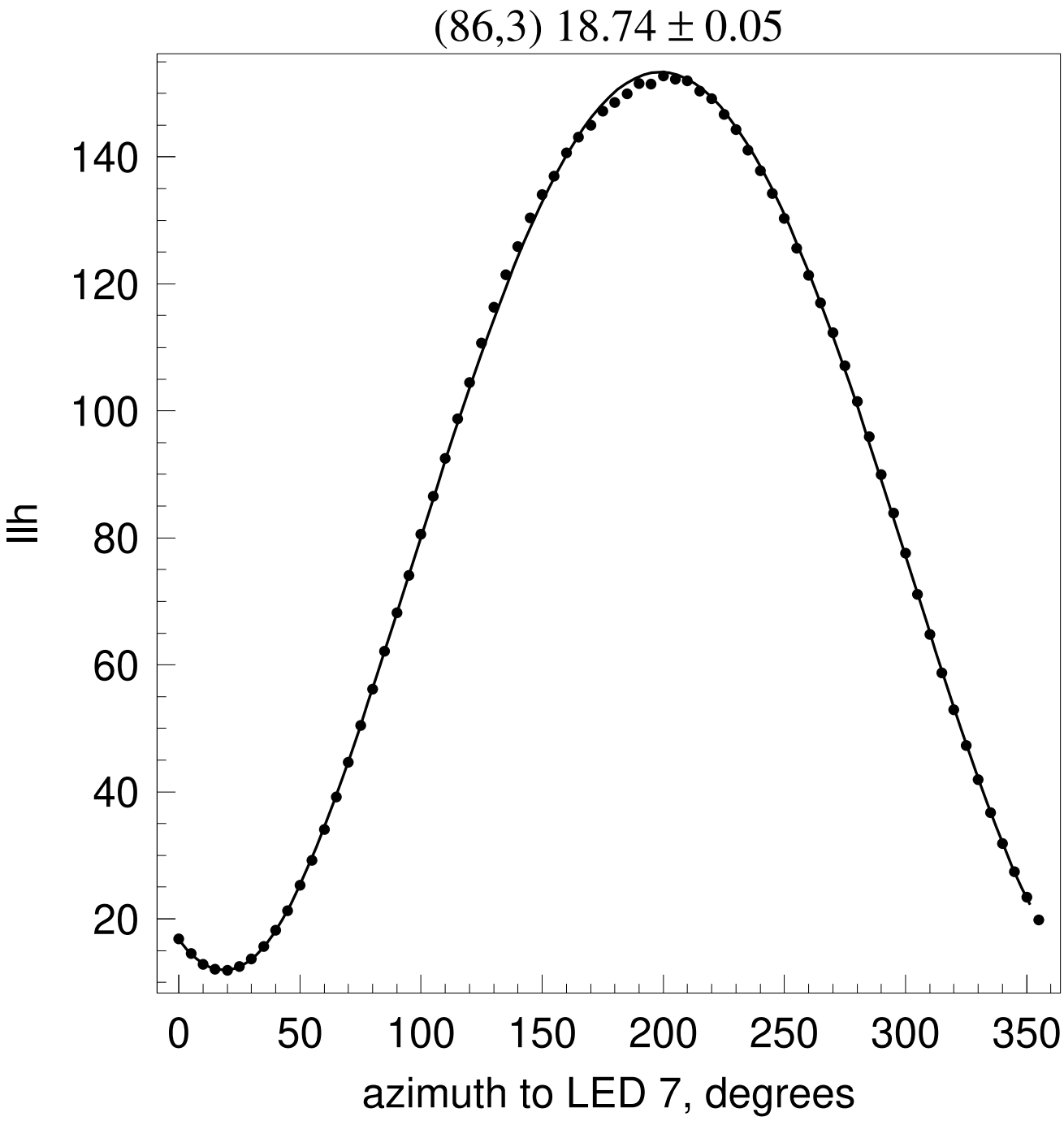

(85,58) 26.08 ± 0.19
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

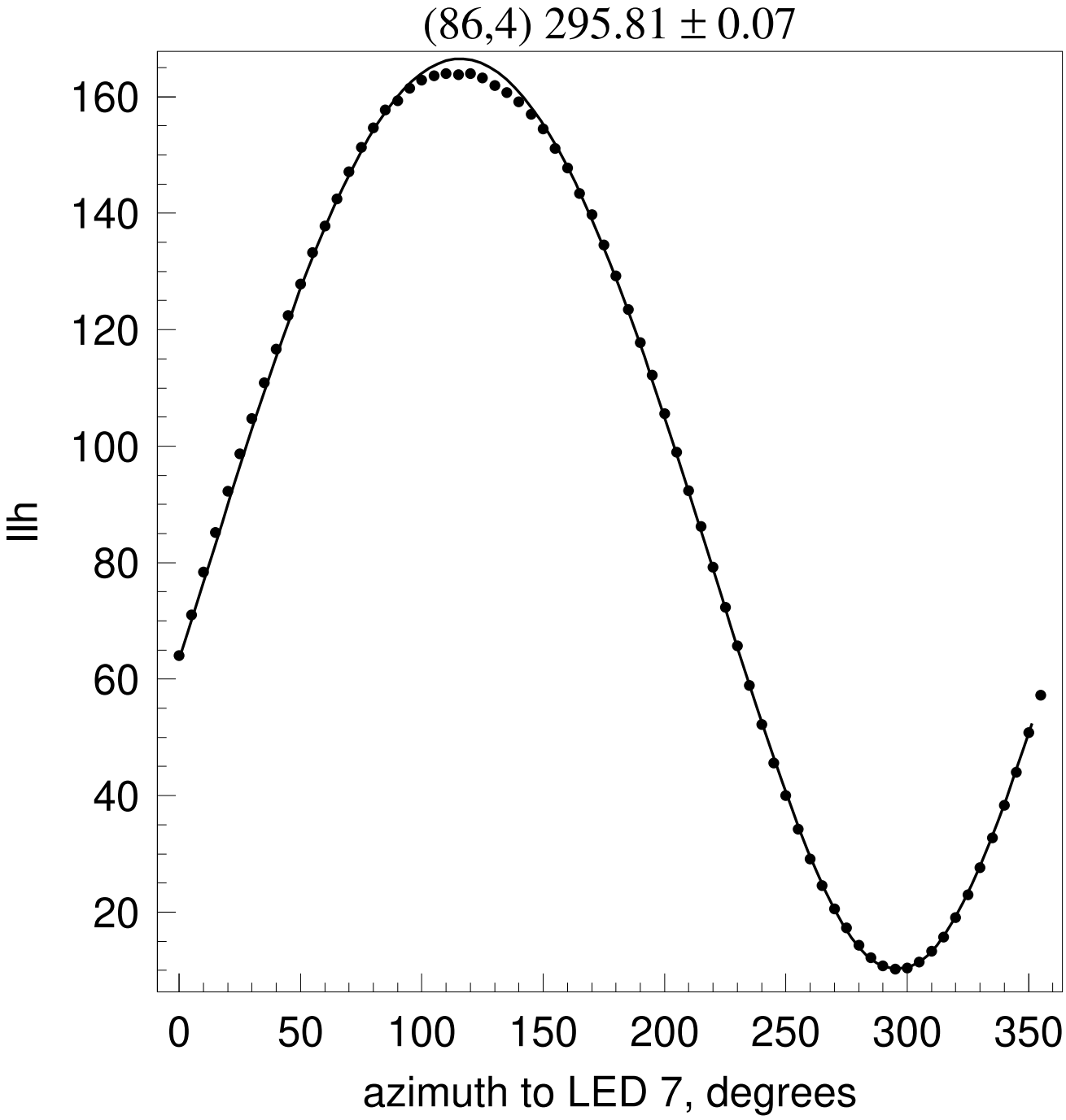

(85,59) 33.97 ± 0.14
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

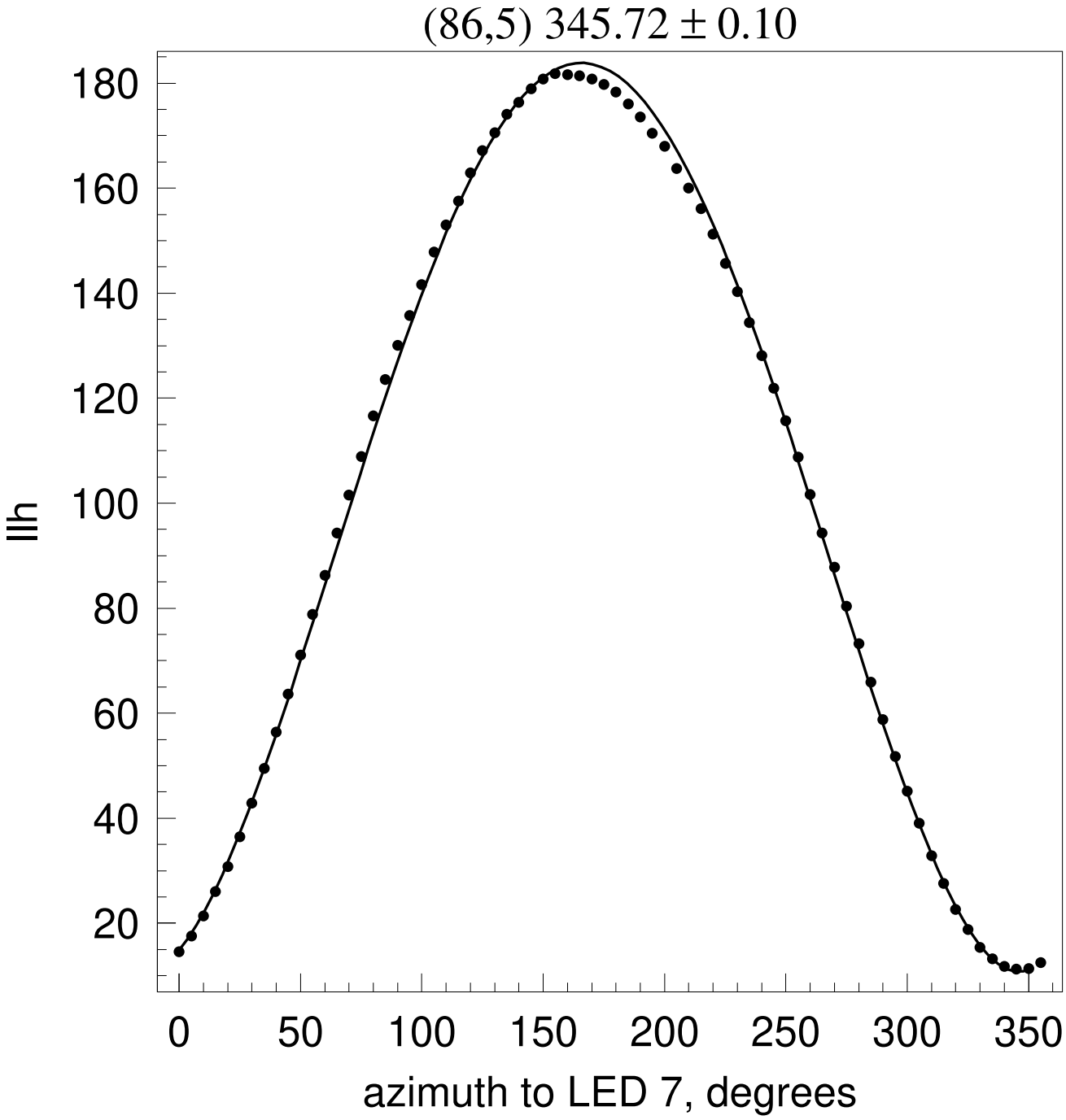

(85,60) 125.64 ± 0.18
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

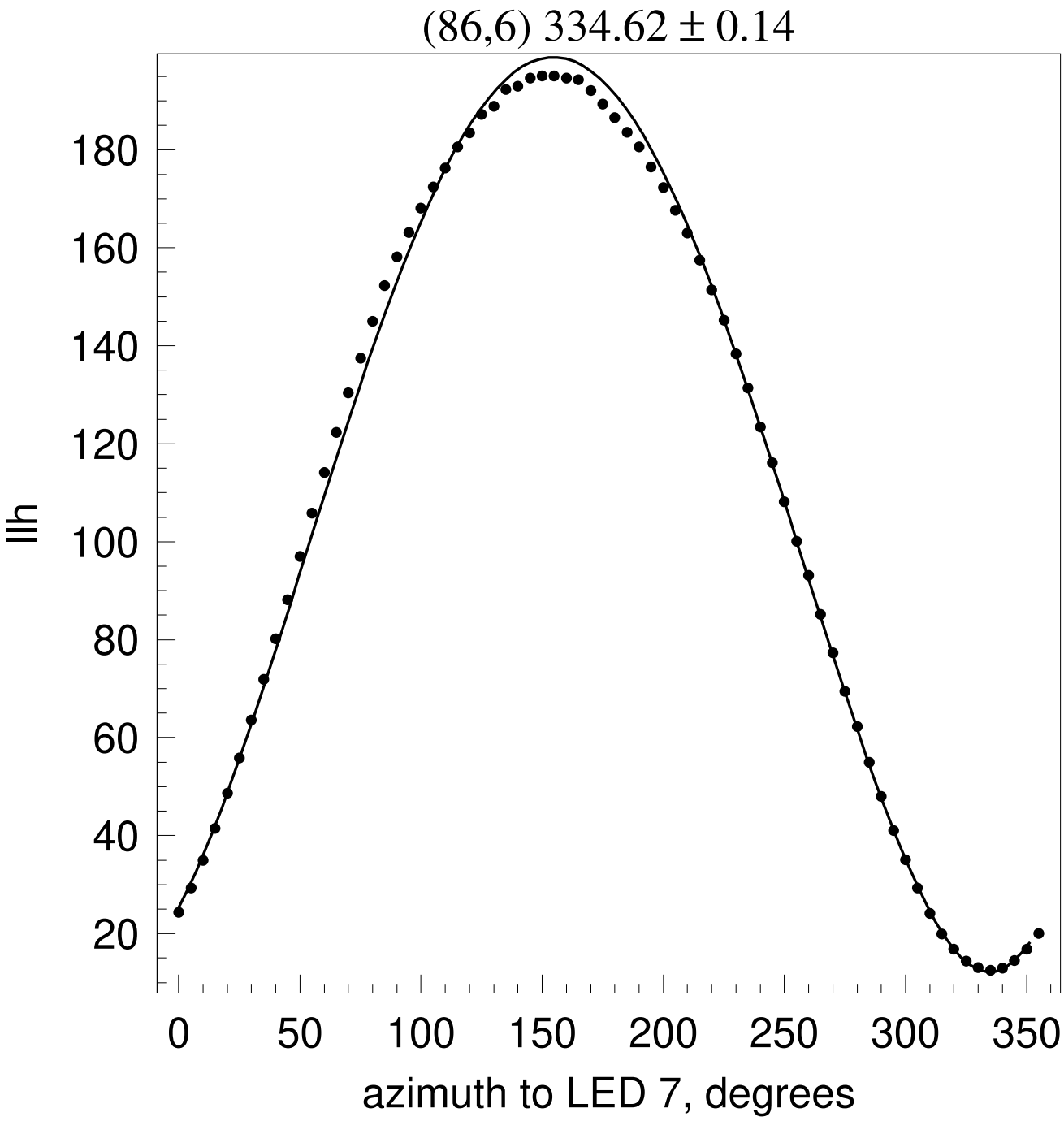

(86,1) 241.04 ± 0.05
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

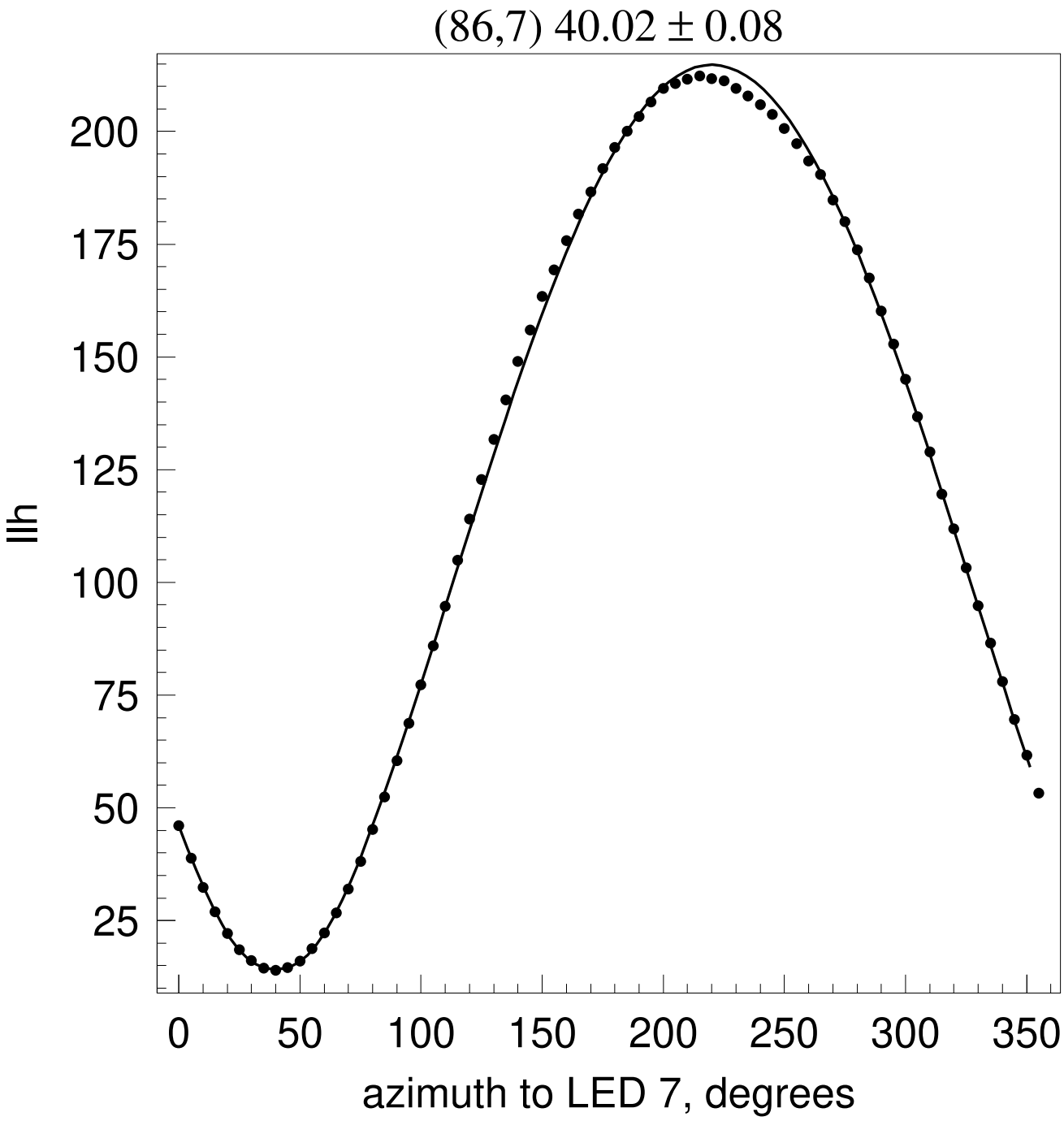

(86,2) 339.07 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

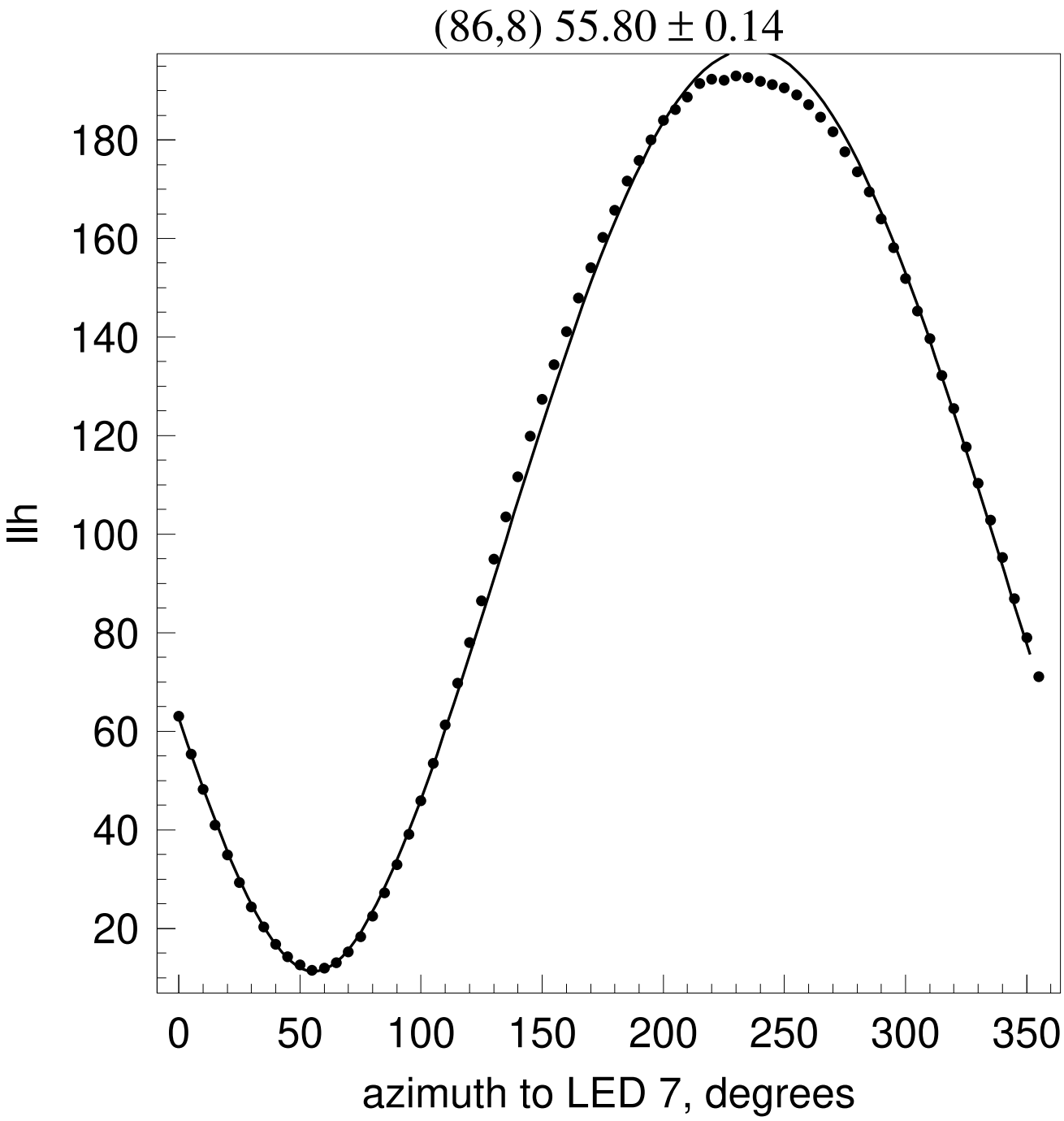

(86,3) 18.74 ± 0.05
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

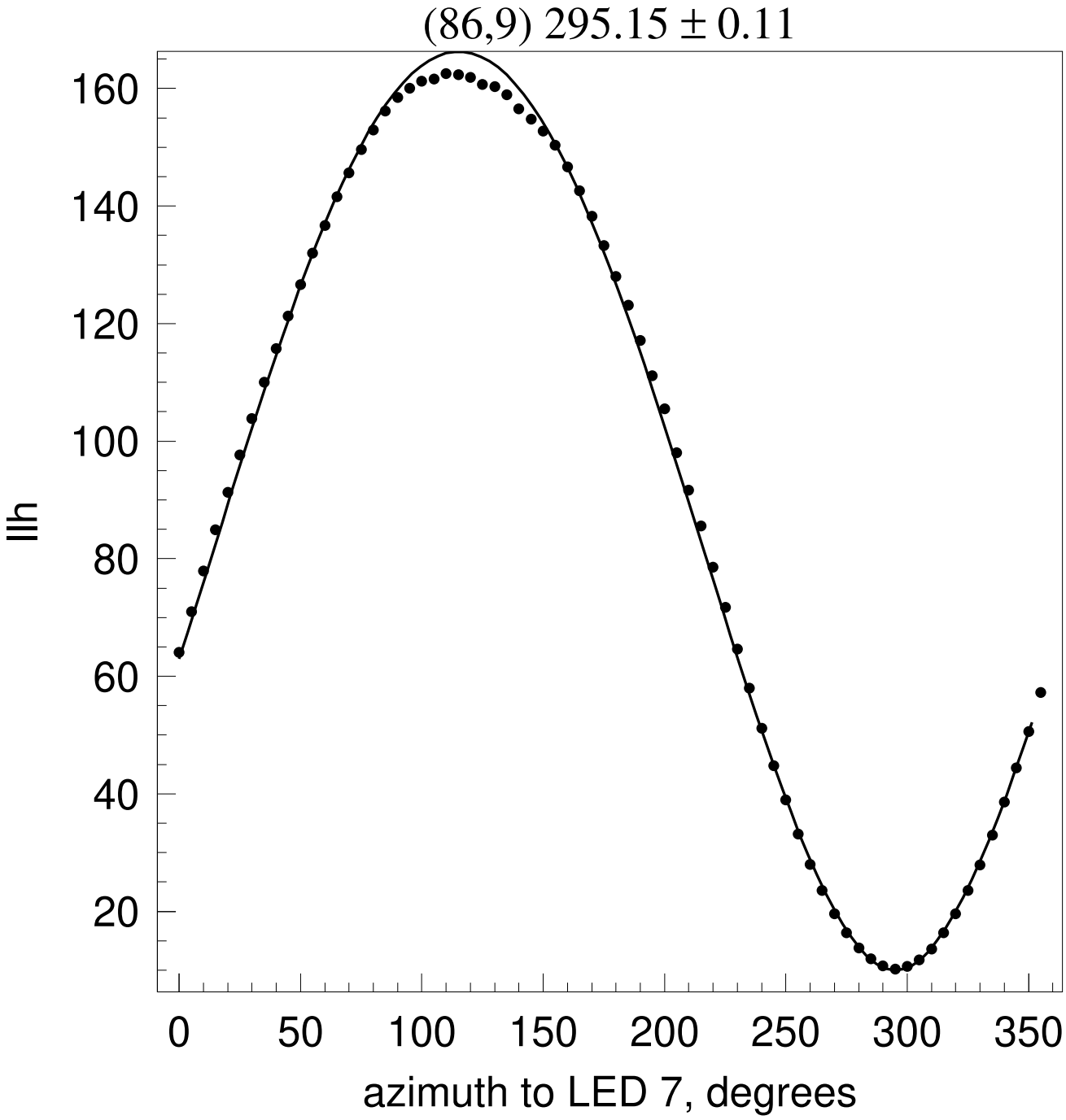

(86,4) 295.81 ± 0.07
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

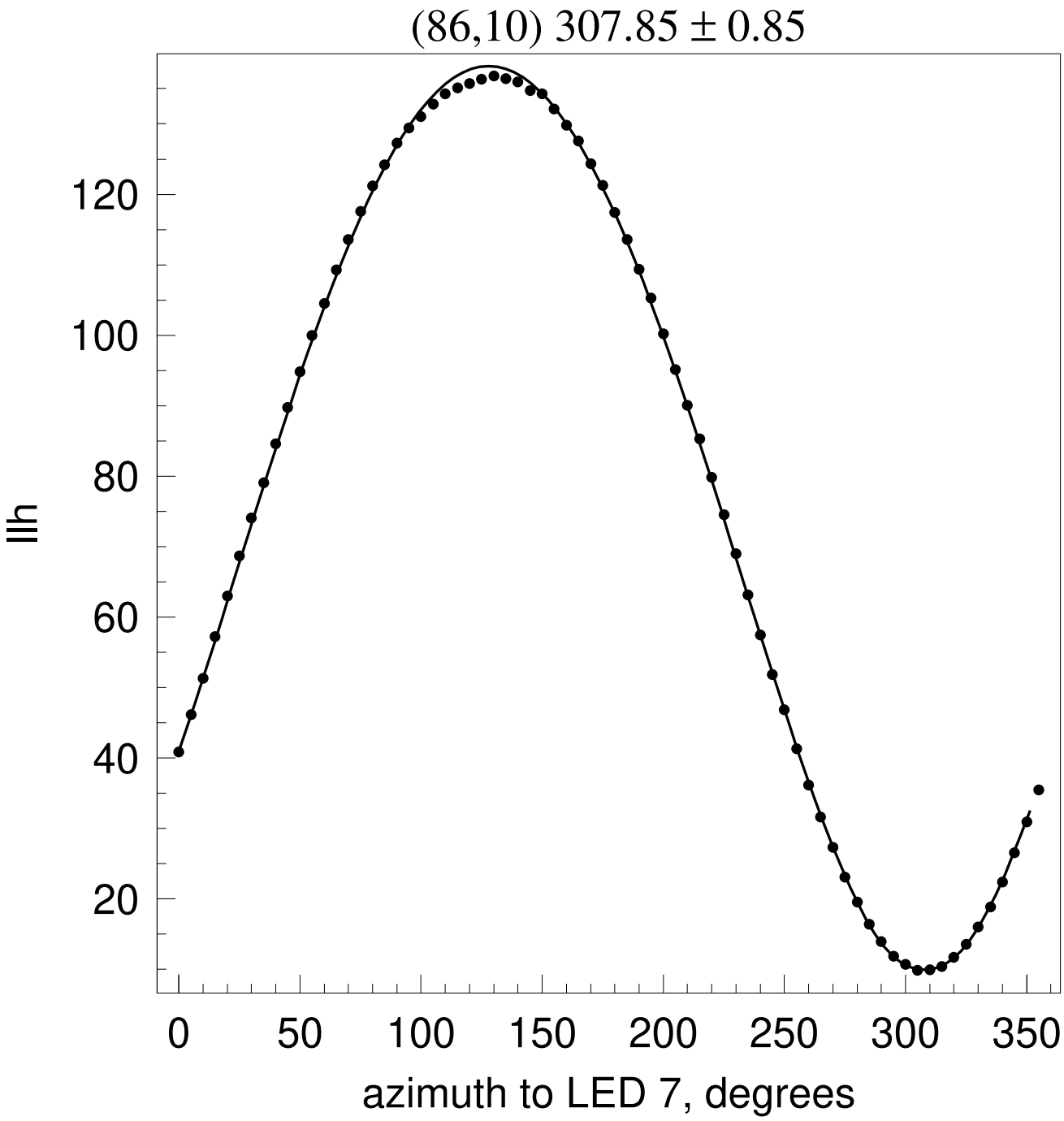

(86,5) 345.72 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

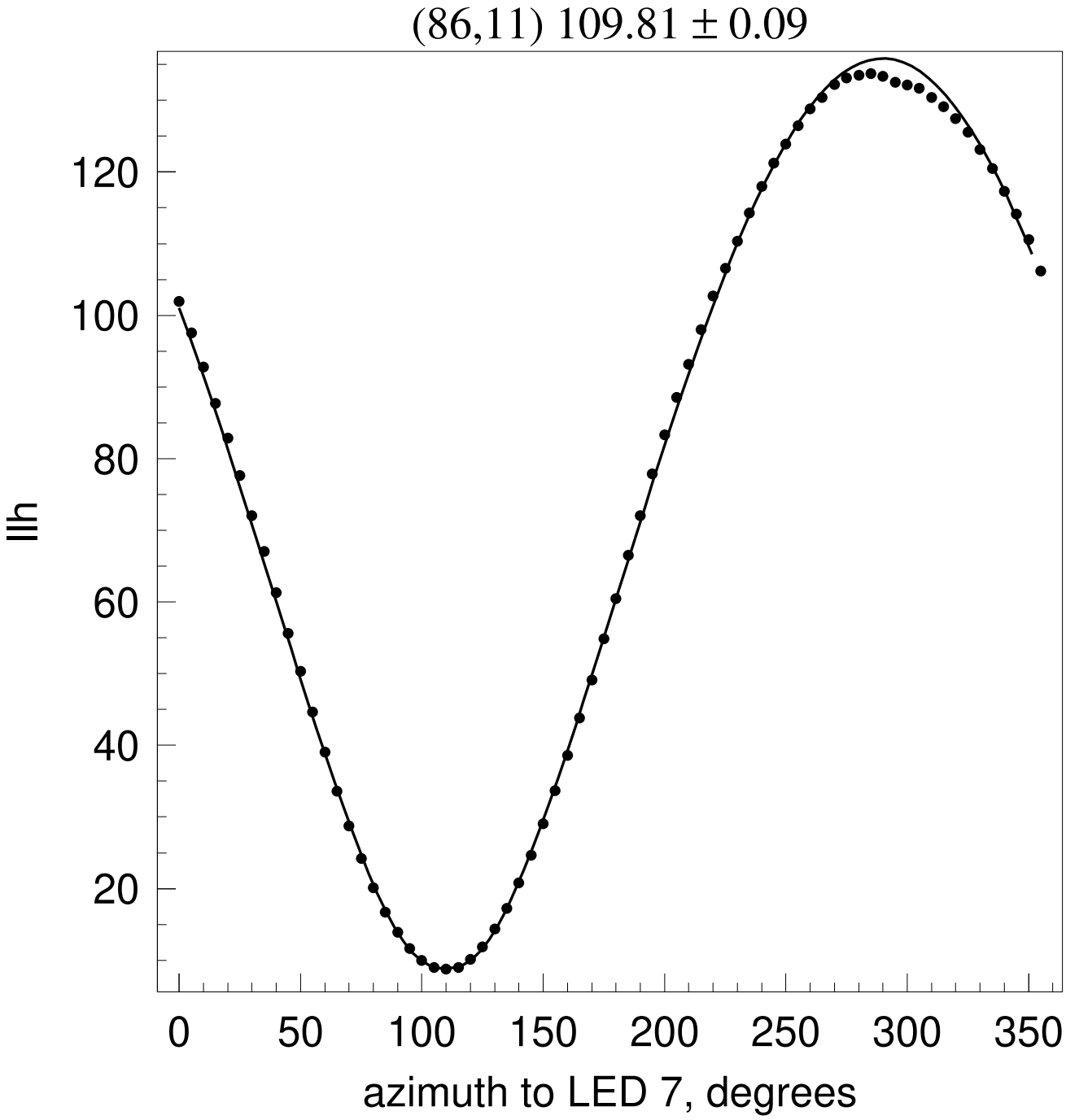

(86,6) 334.62 ± 0.14
llh
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

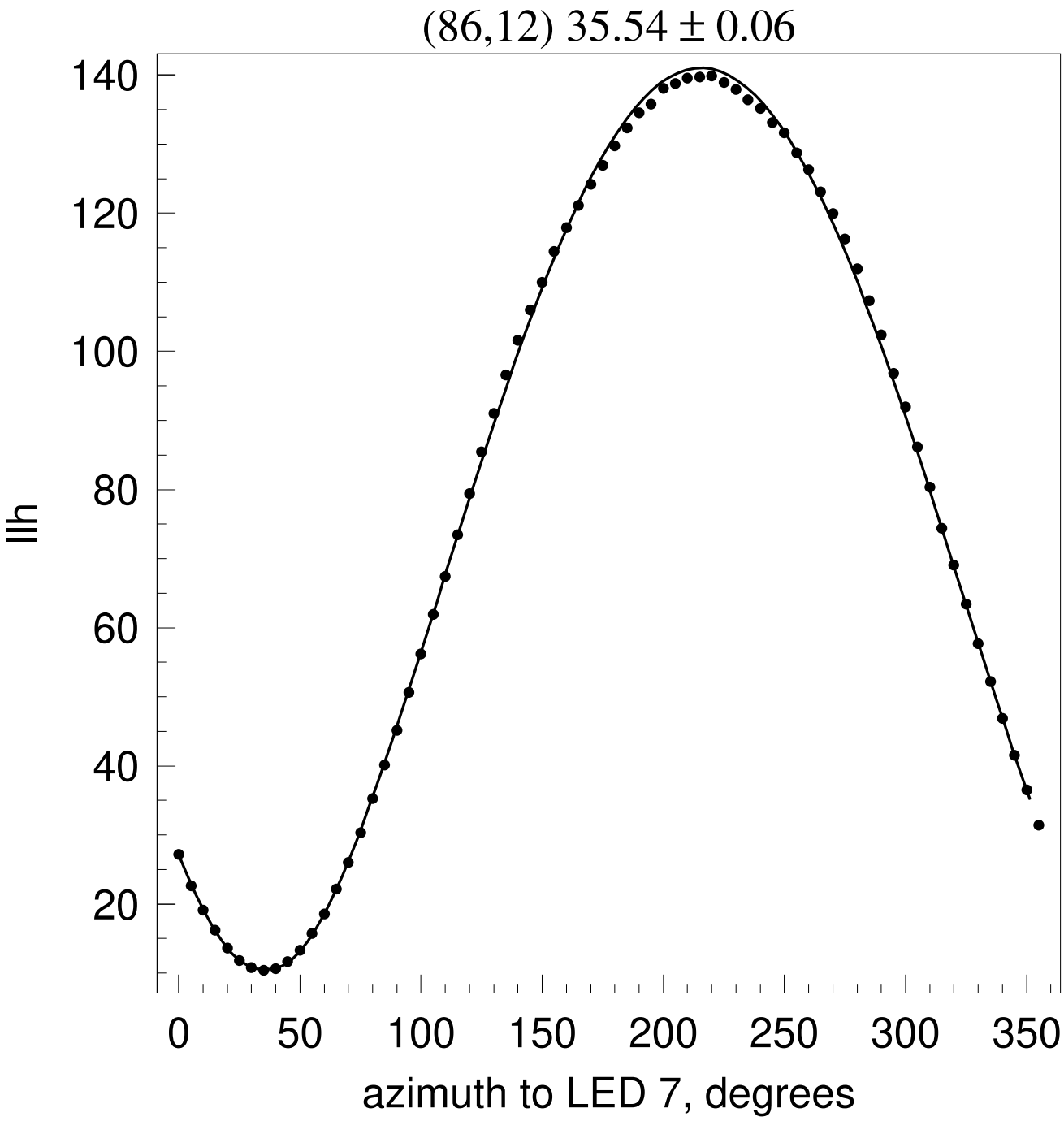

(86,7) 40.02 ± 0.08
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

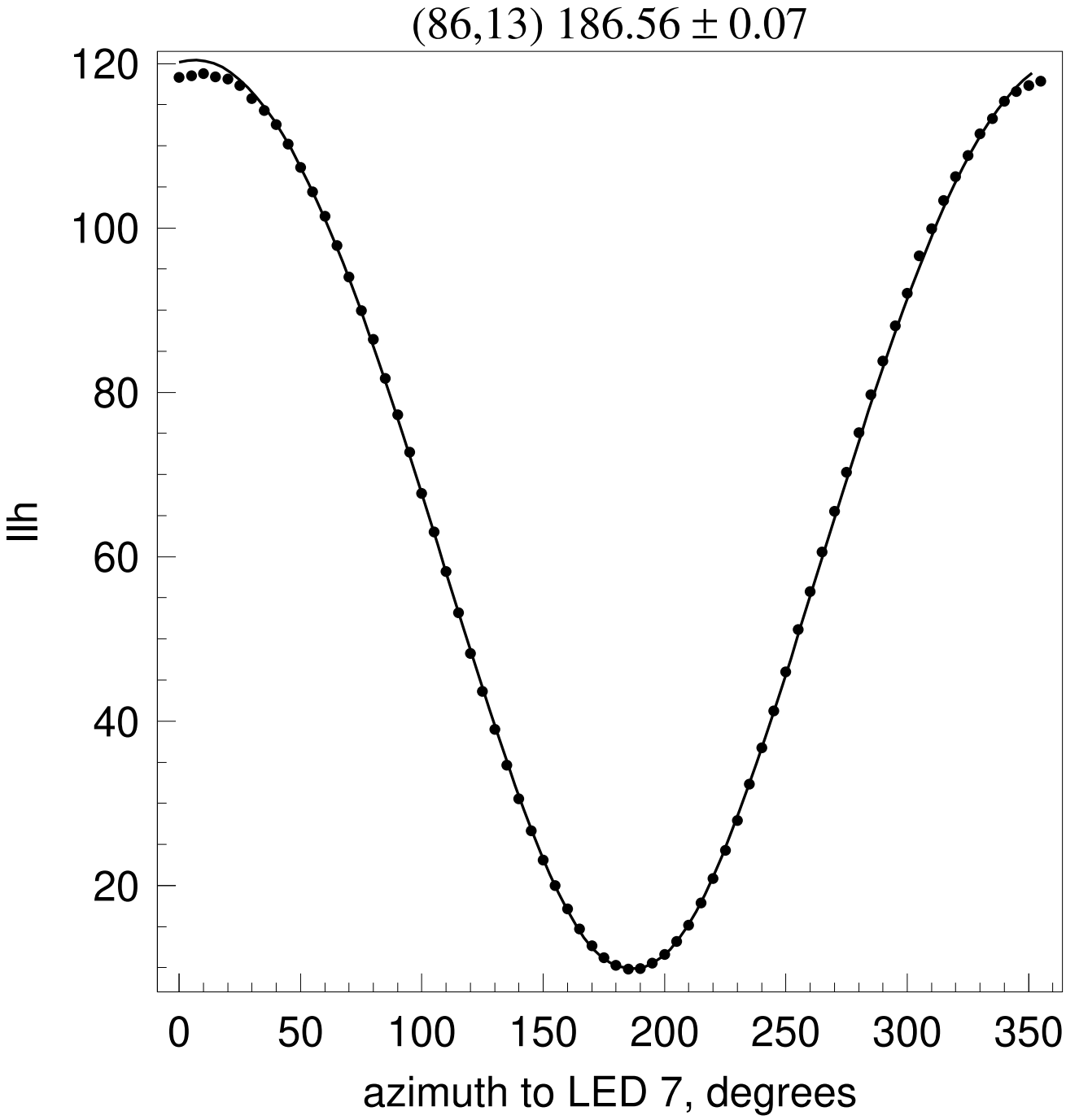

(86,8) 55.80 ± 0.14
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

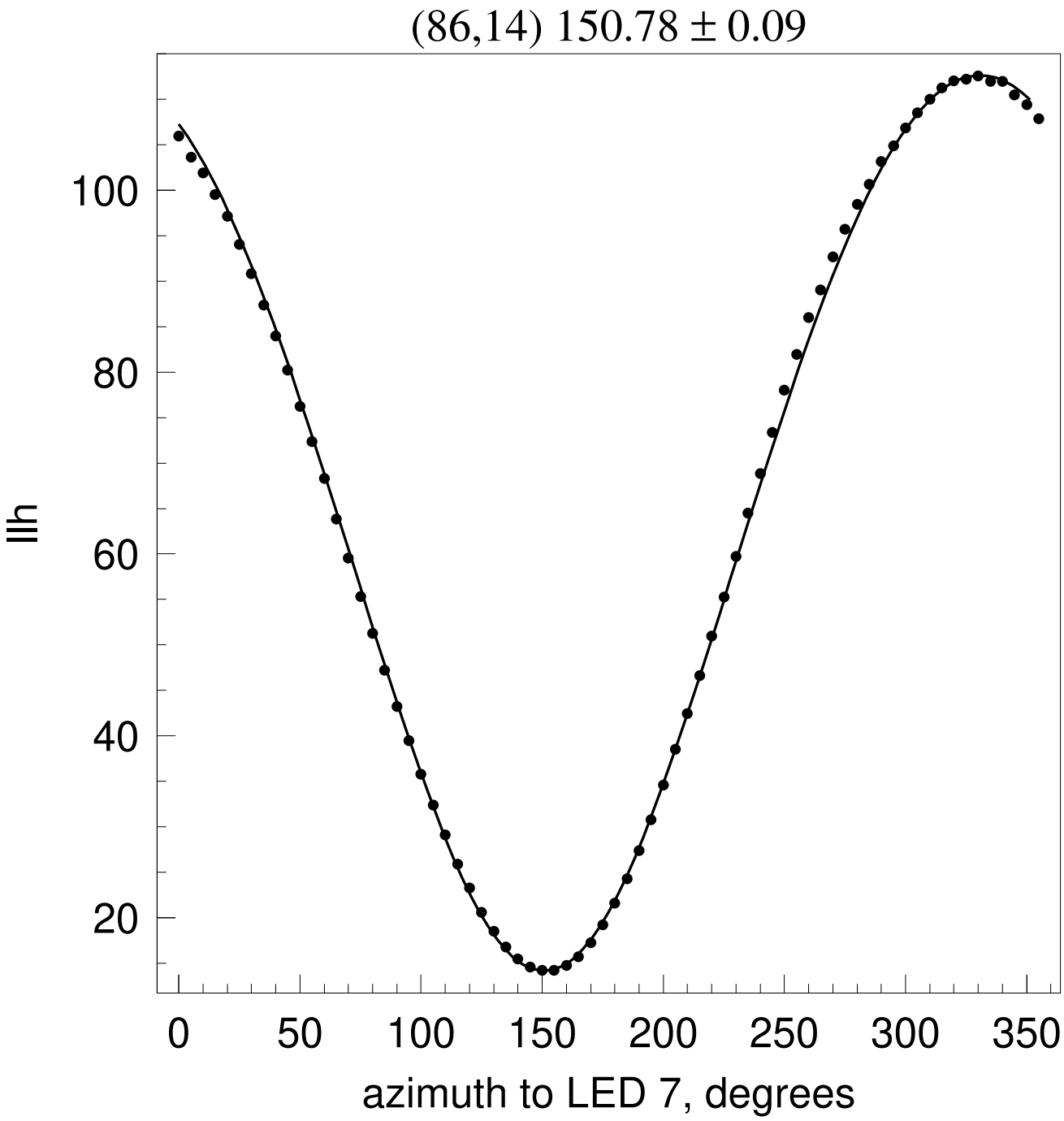

(86,9) 295.15 ± 0.11
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

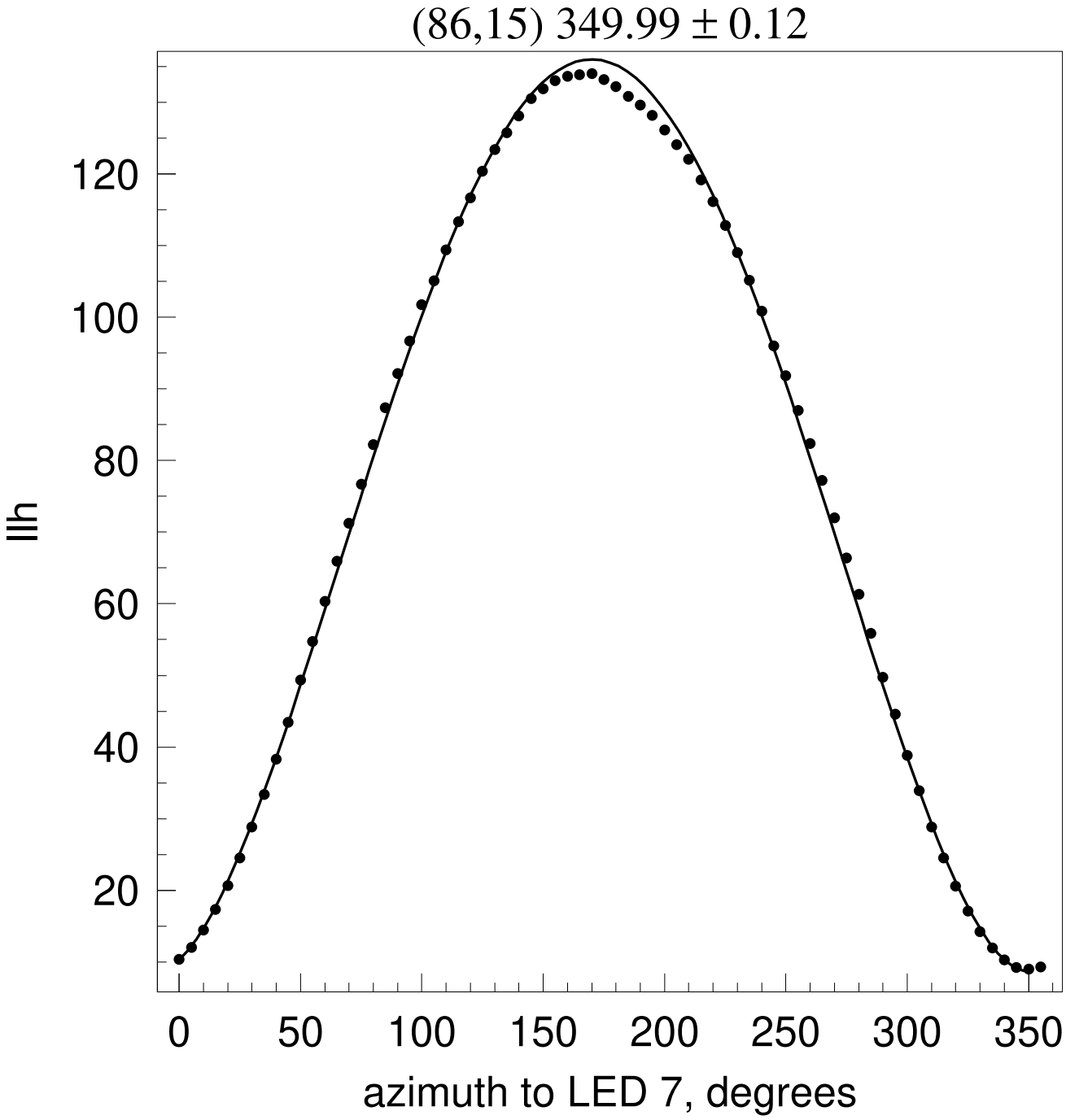

(86,10) 307.85 ± 0.85
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

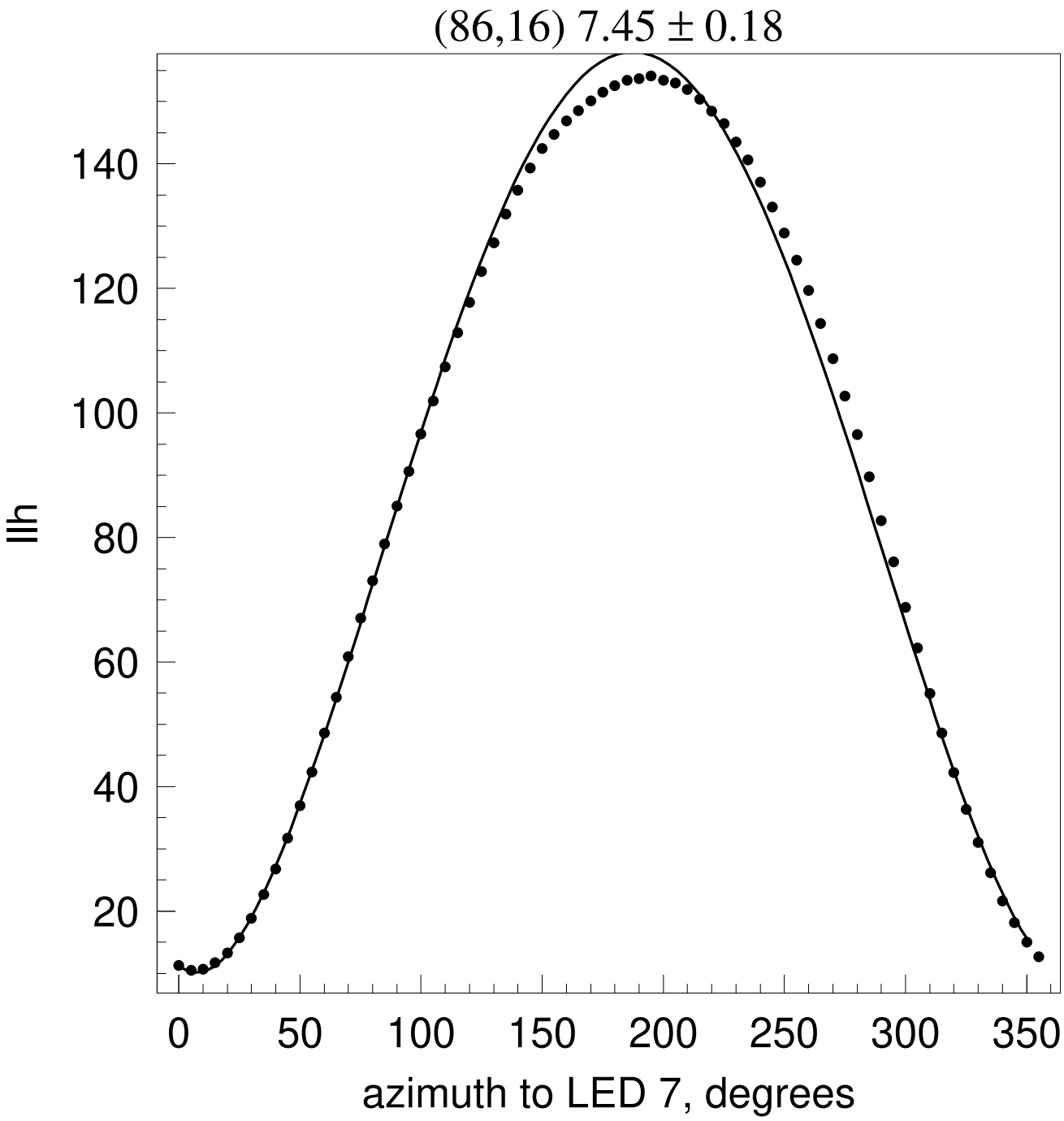

(86,11) 109.81 ± 0.09
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

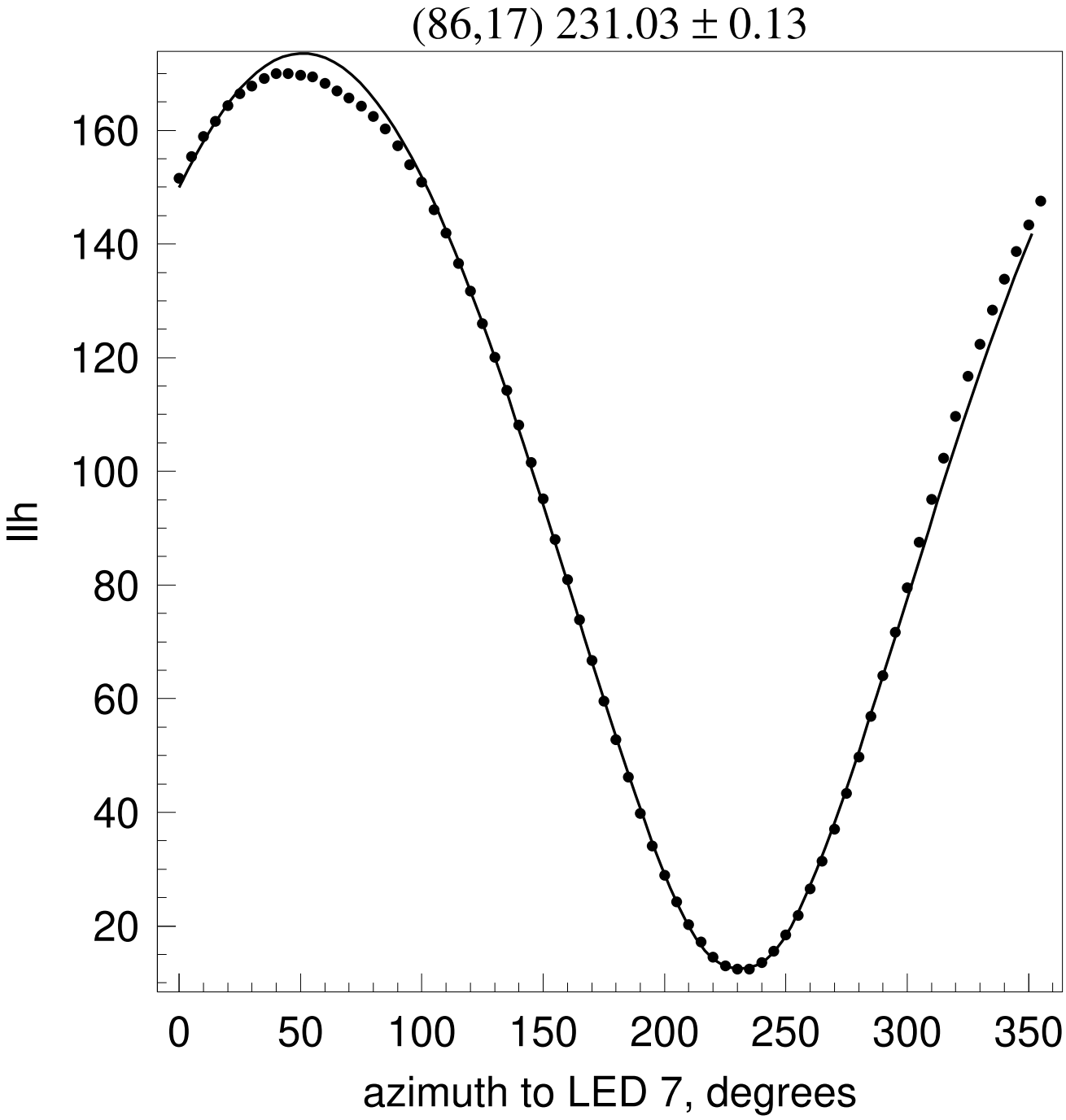

(86,12) 35.54 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

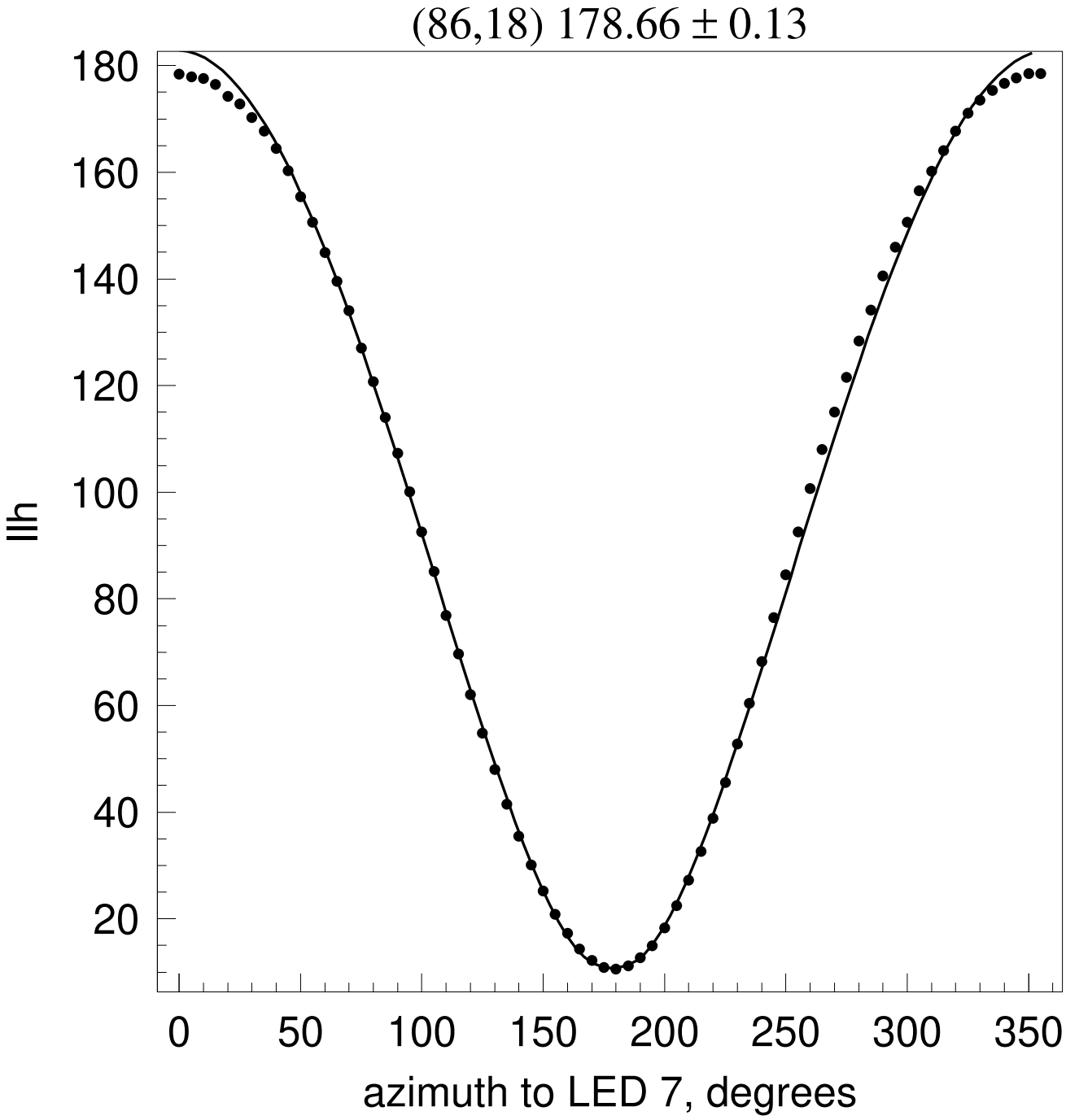

(86,13) 186.56 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

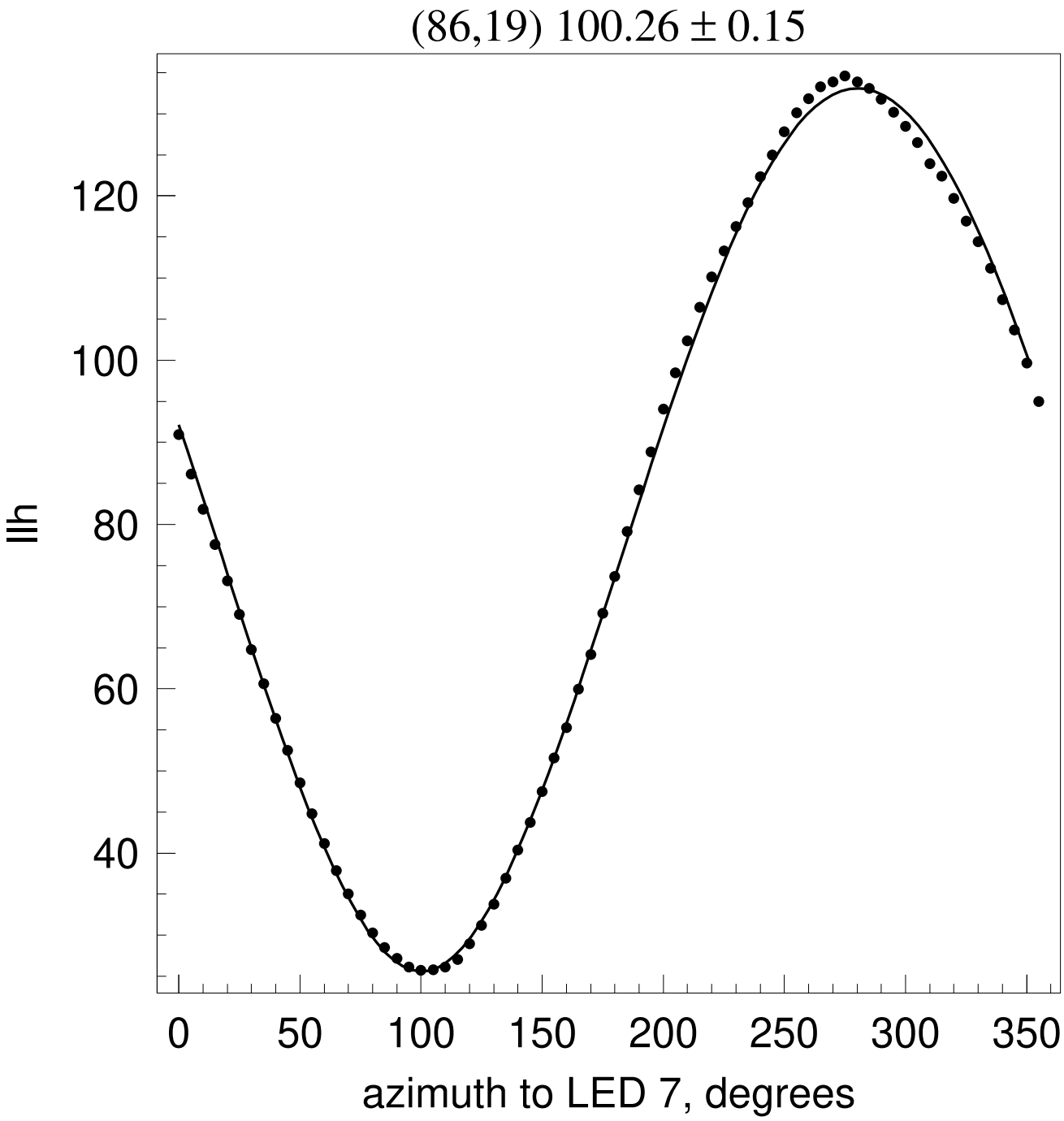

(86,14) 150.78 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

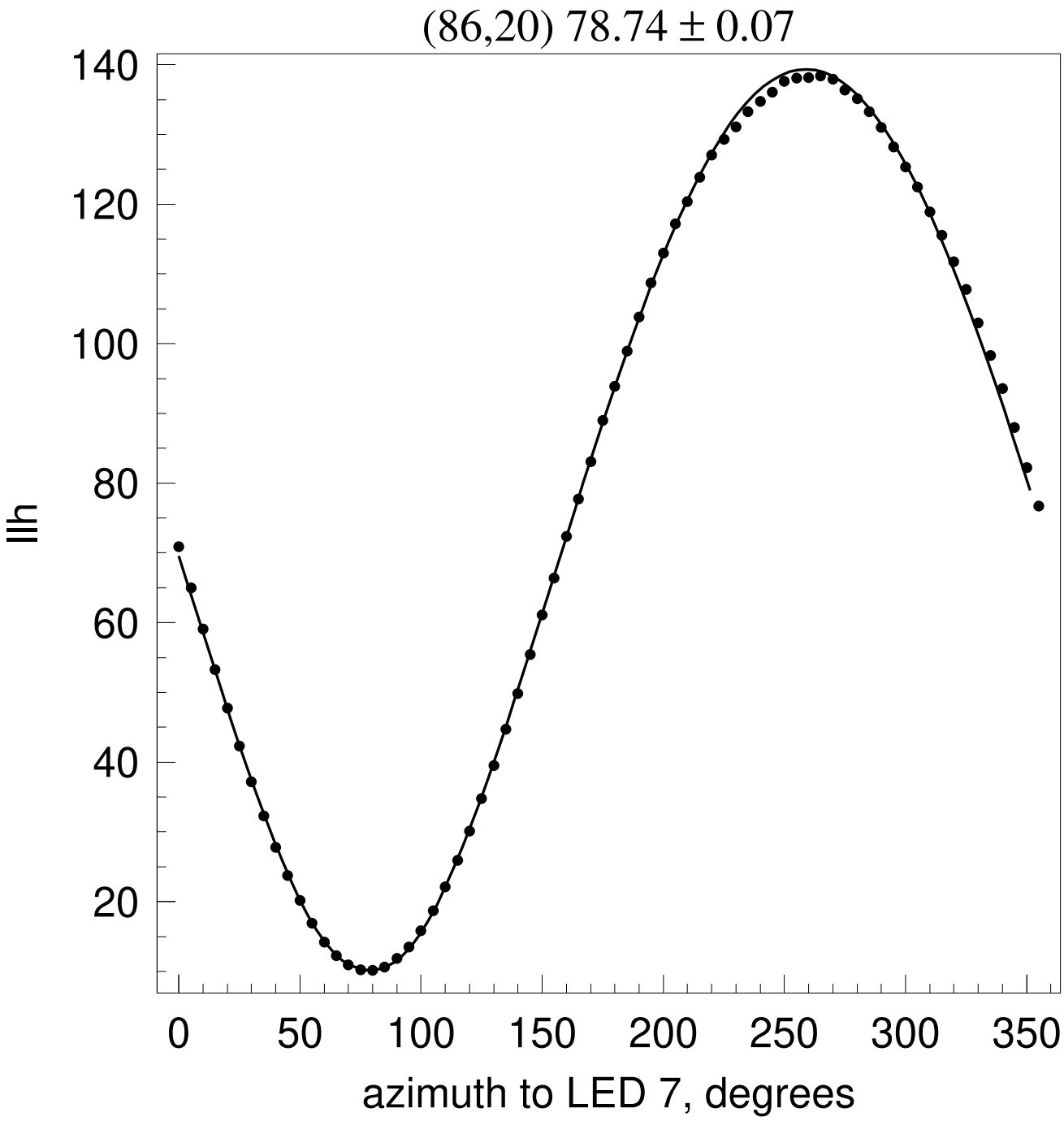

(86,15) 349.99 ± 0.12
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

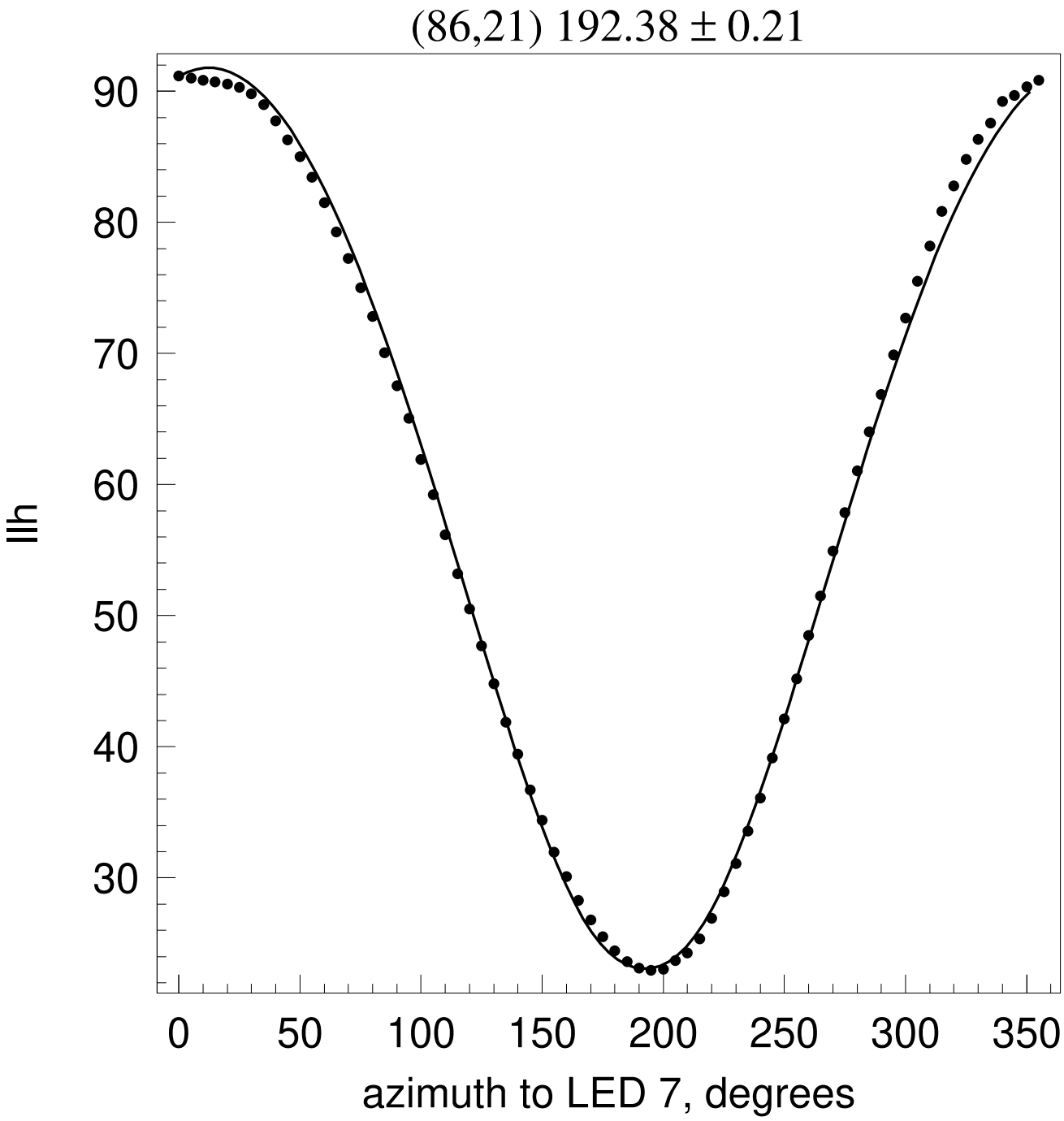

(86,16) 7.45 ± 0.18
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

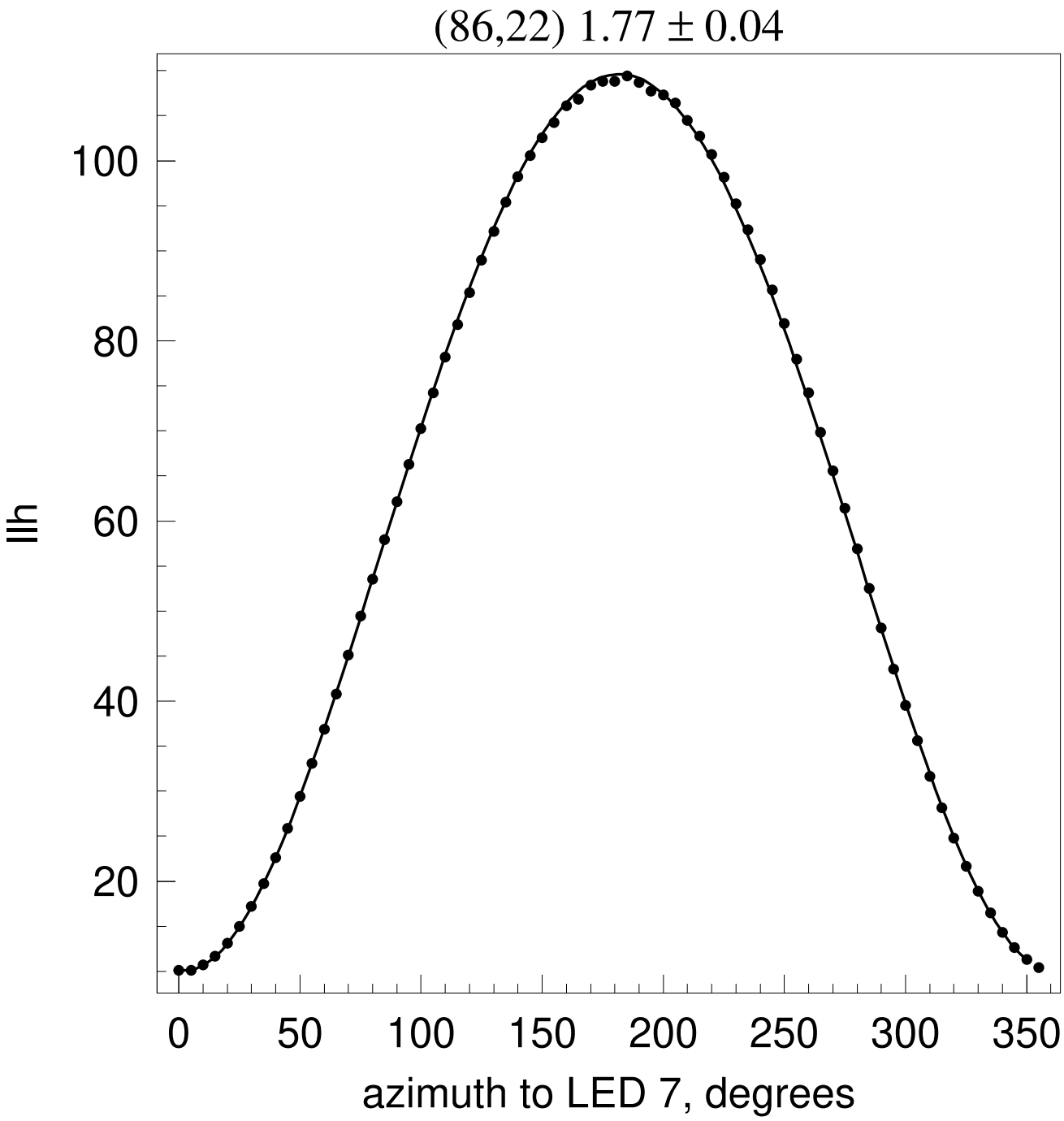

(86,17) 231.03 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

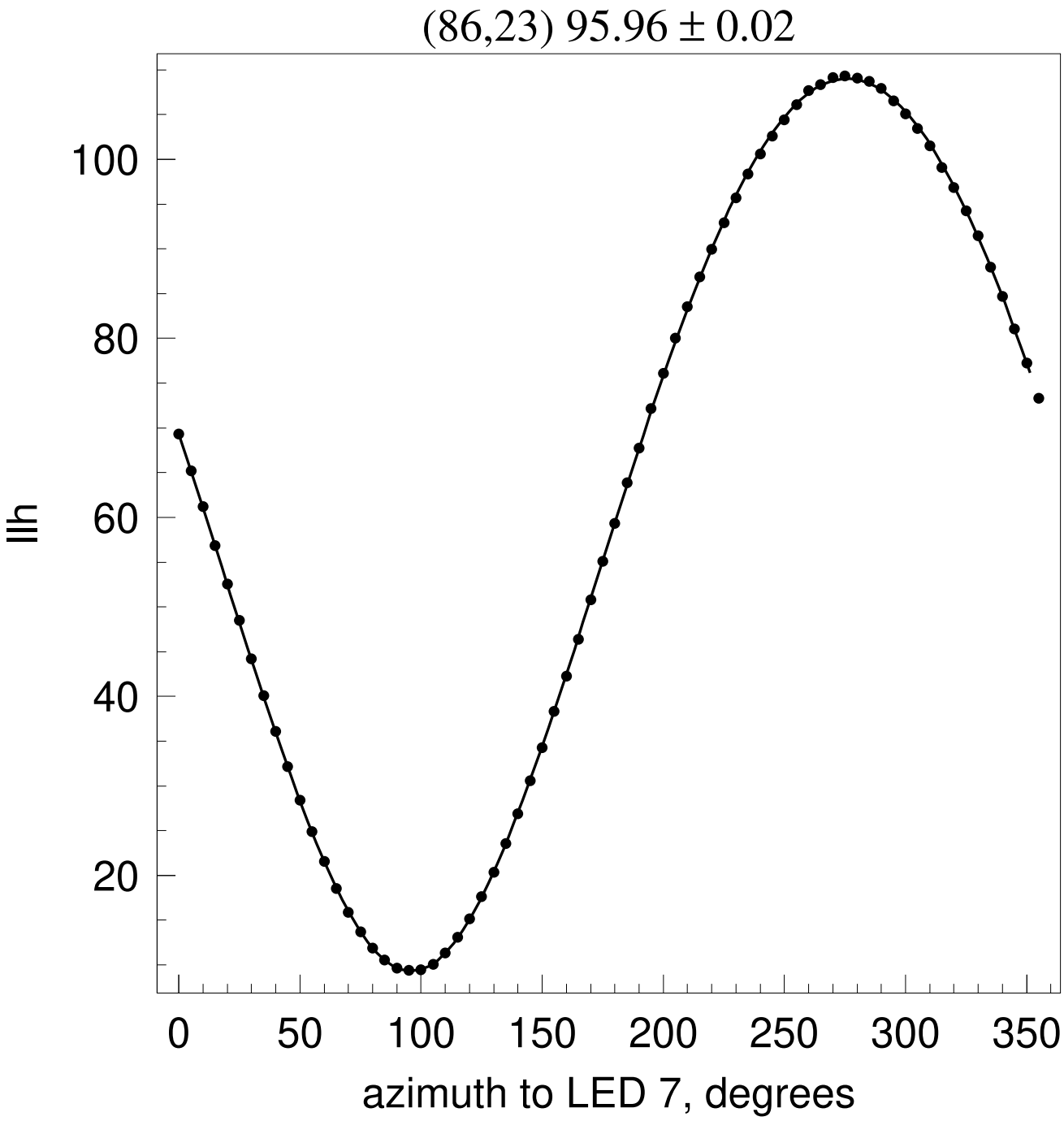

(86,18) 178.66 ± 0.13
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

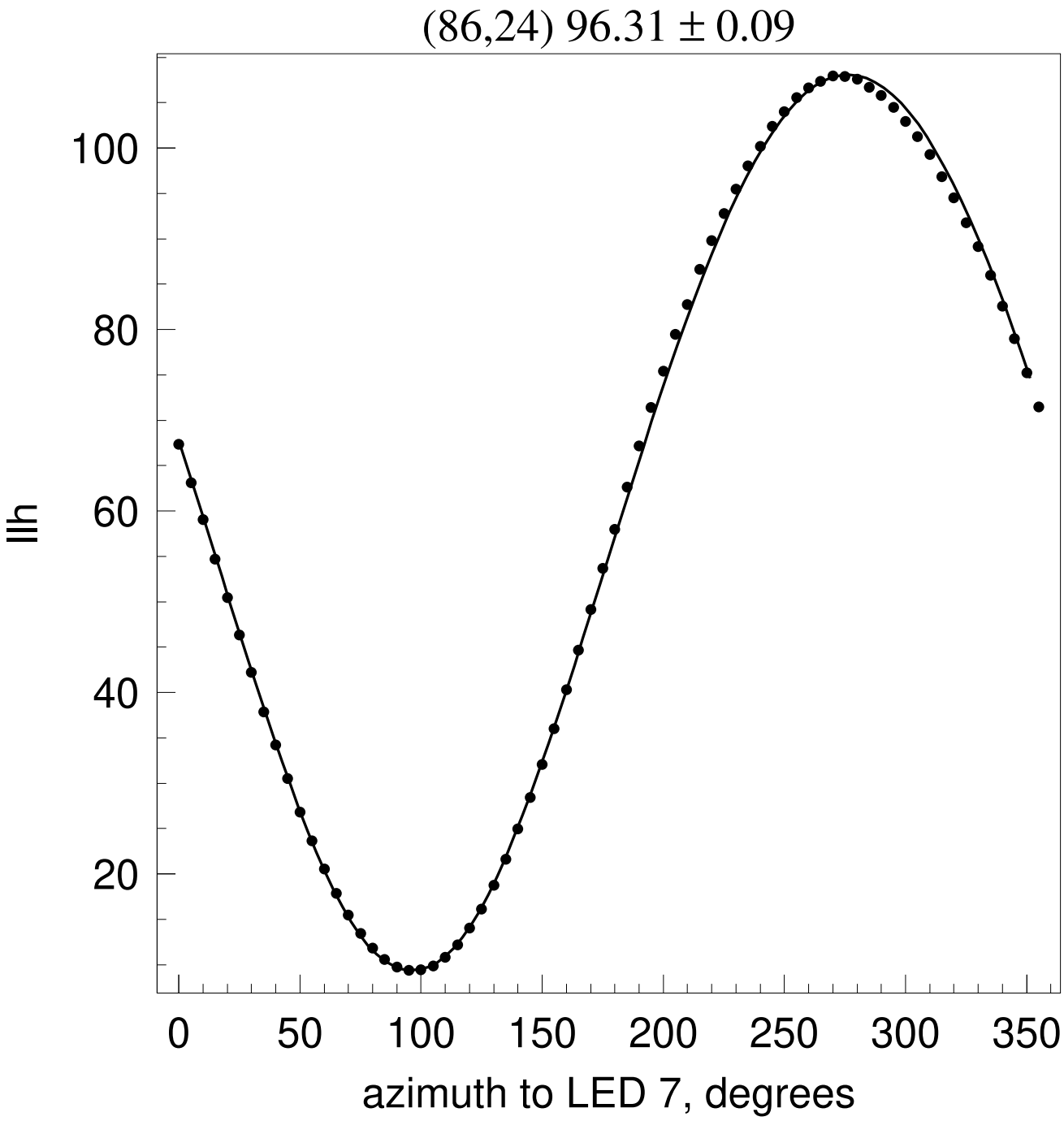

(86,19) 100.26 ± 0.15
120
100
80
60
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

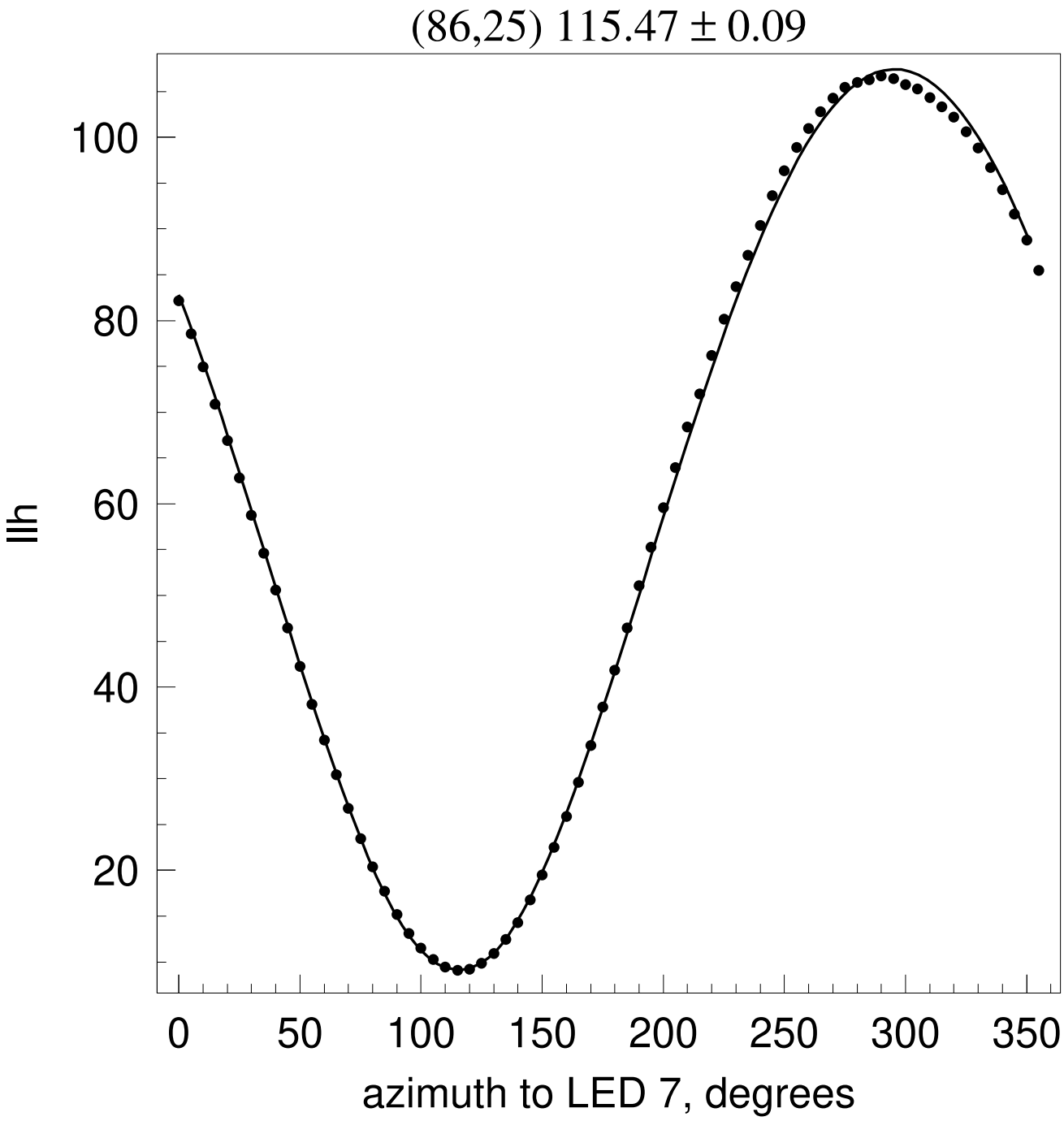

(86,20) 78.74 ± 0.07
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

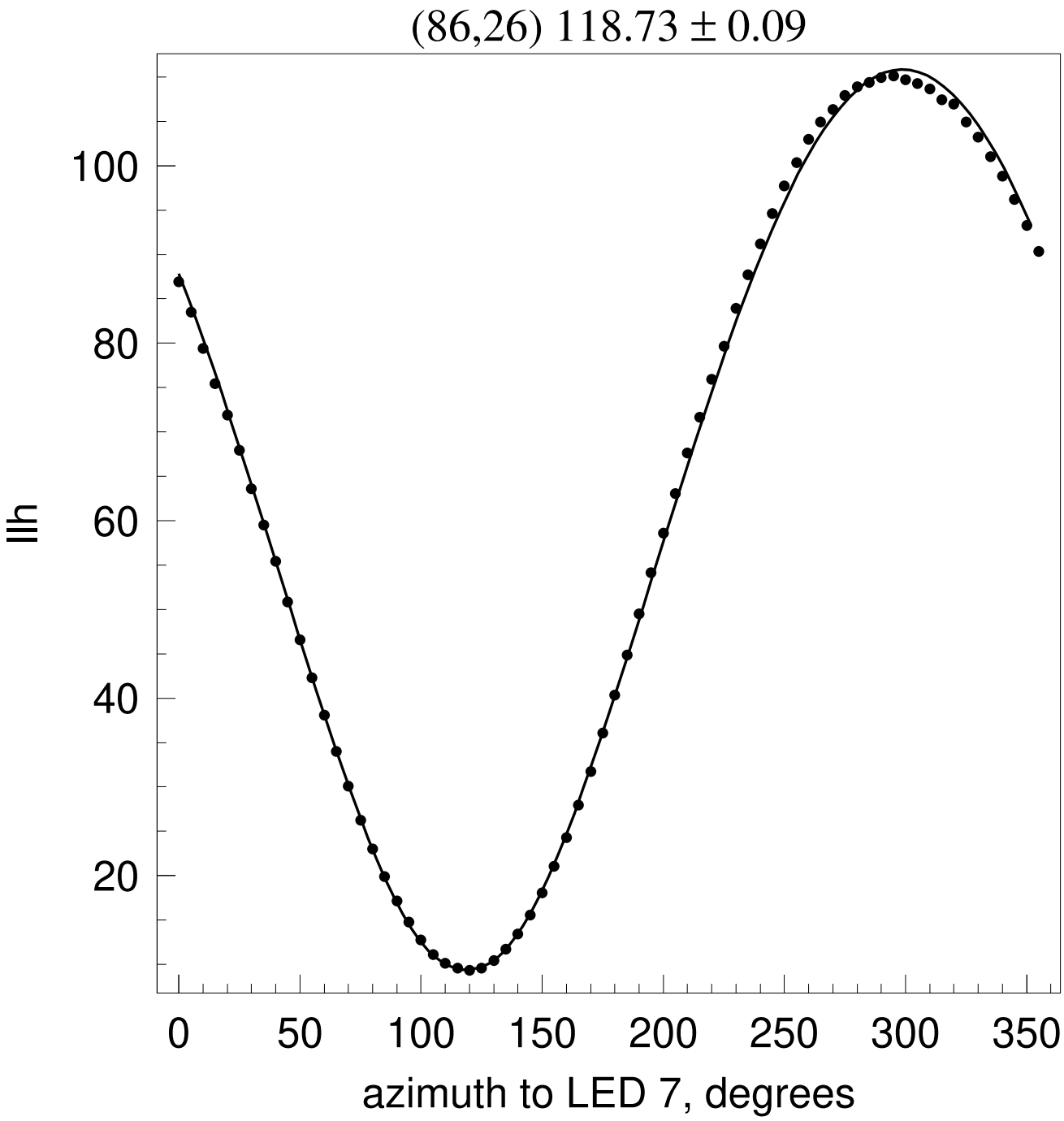

(86,21) 192.38 ± 0.21
90
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

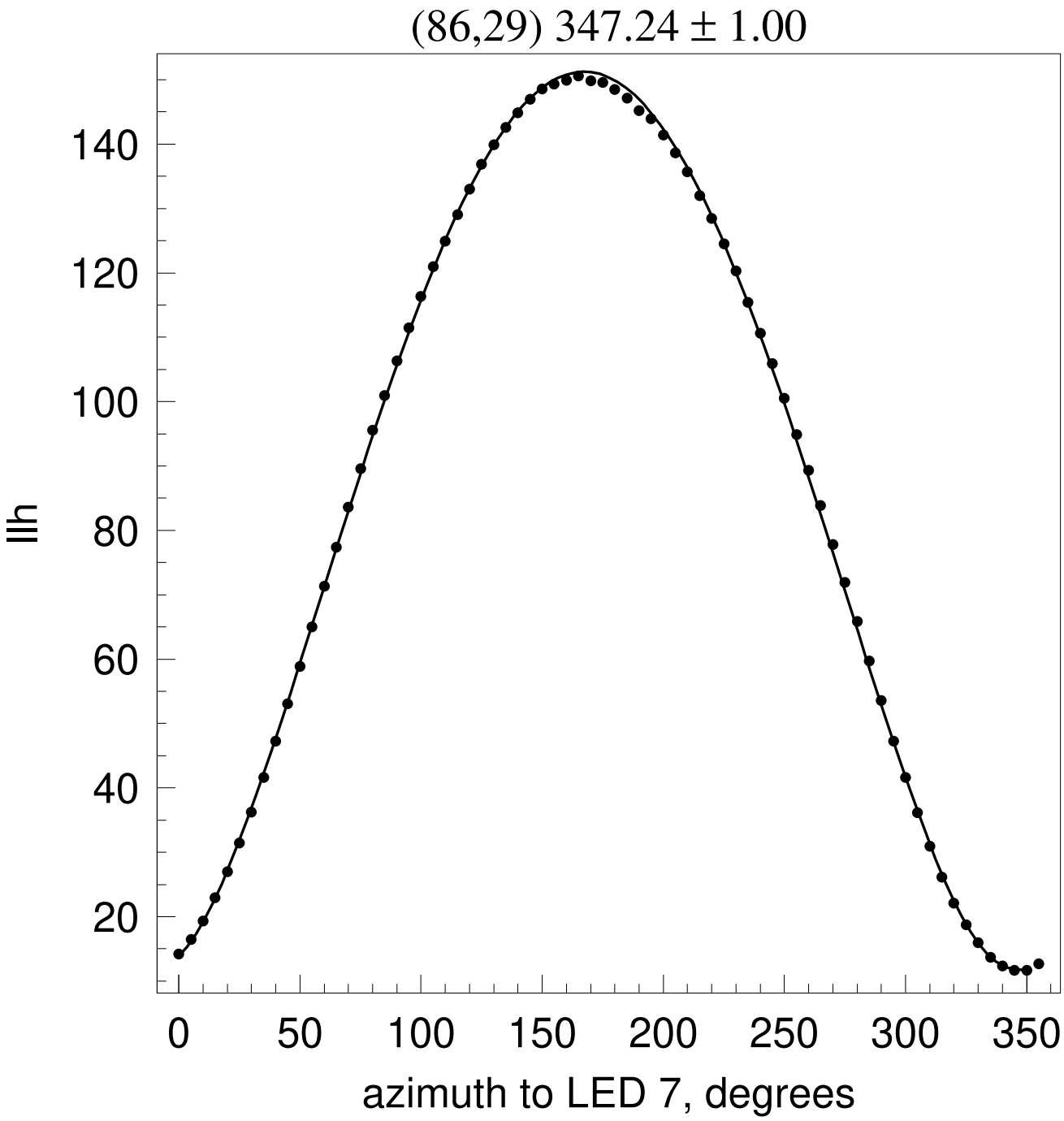

(86,22) 1.77 ± 0.04
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

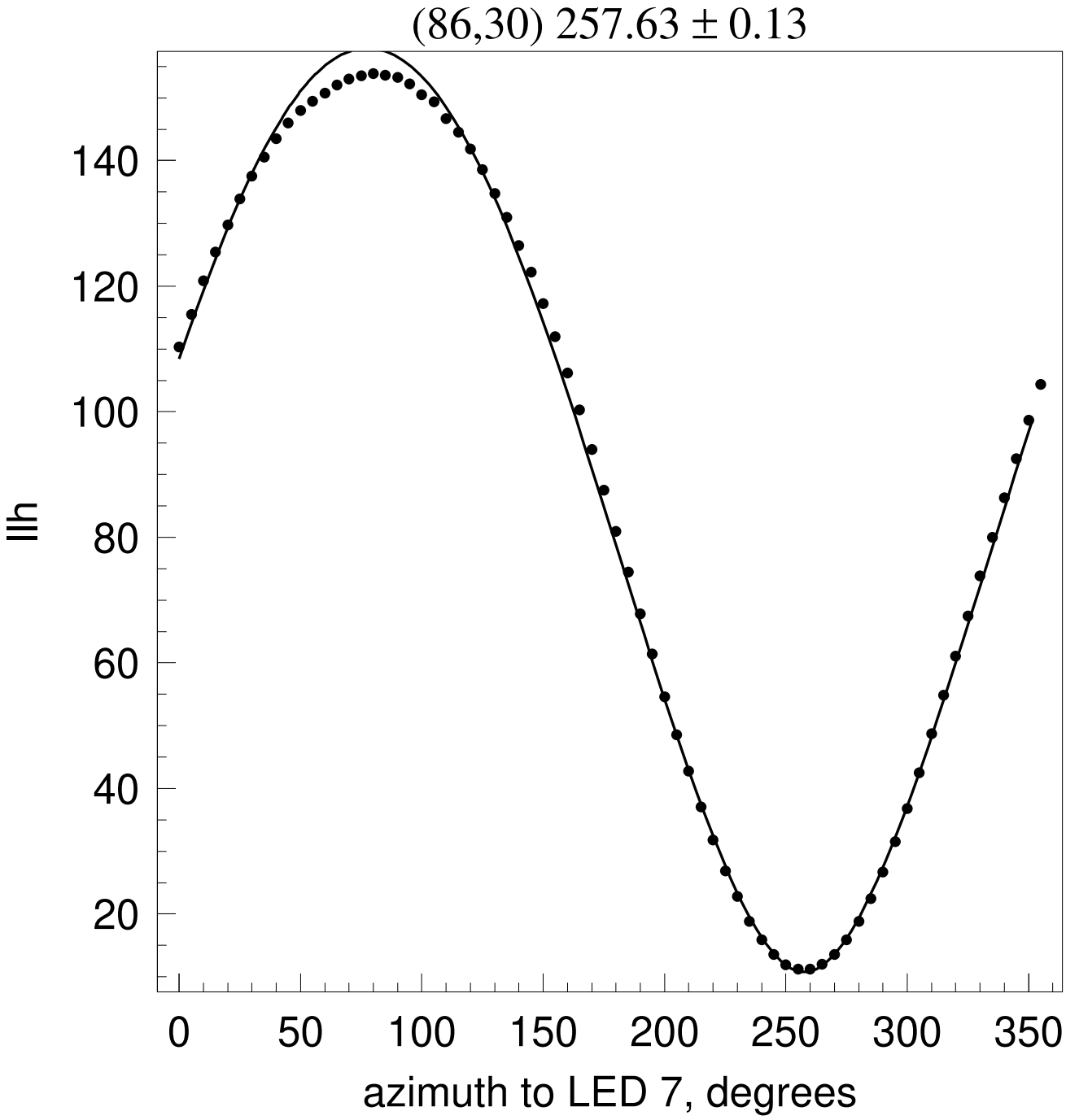

(86,23) 95.96 ± 0.02
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

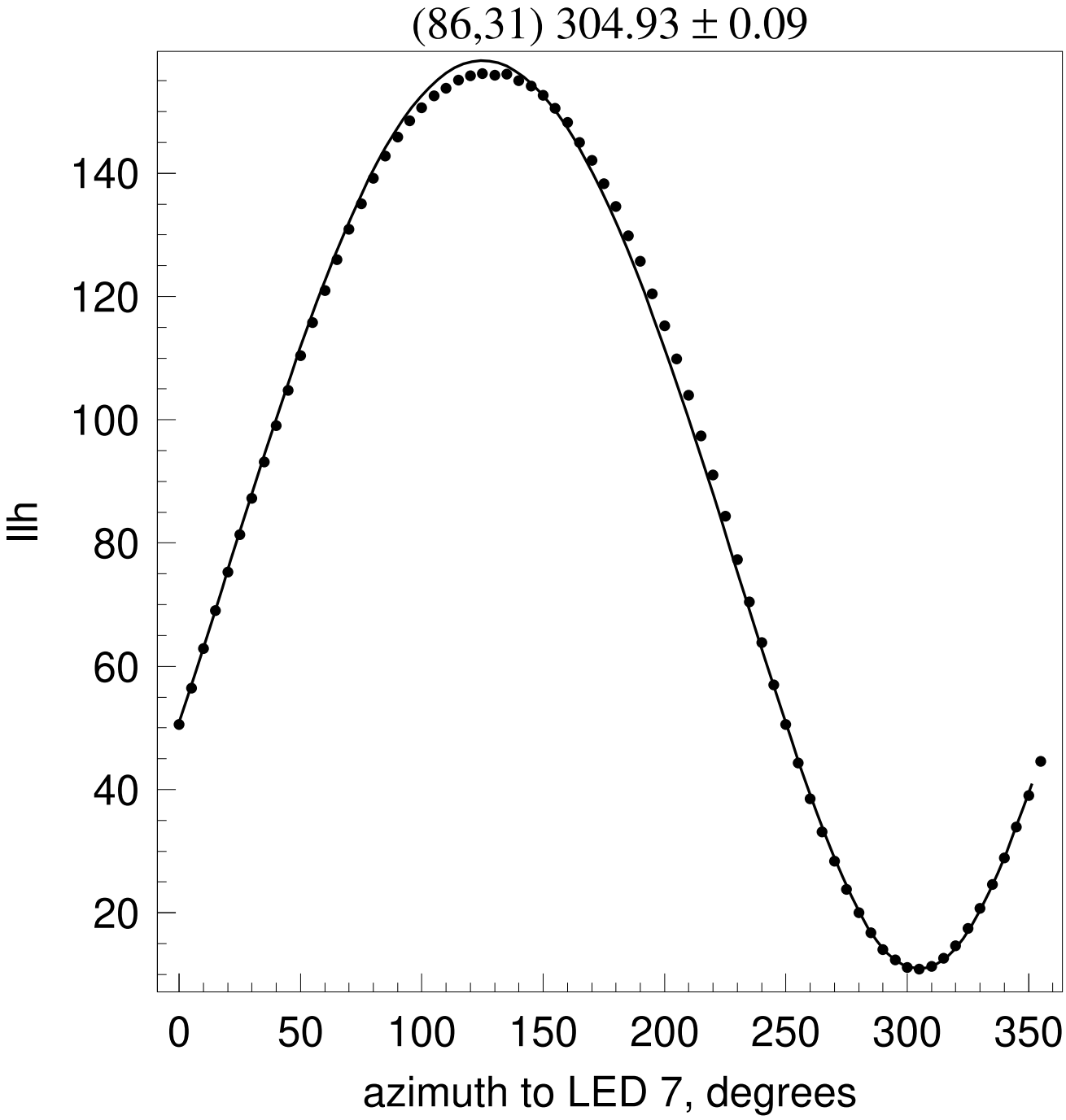

(86,24) 96.31 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

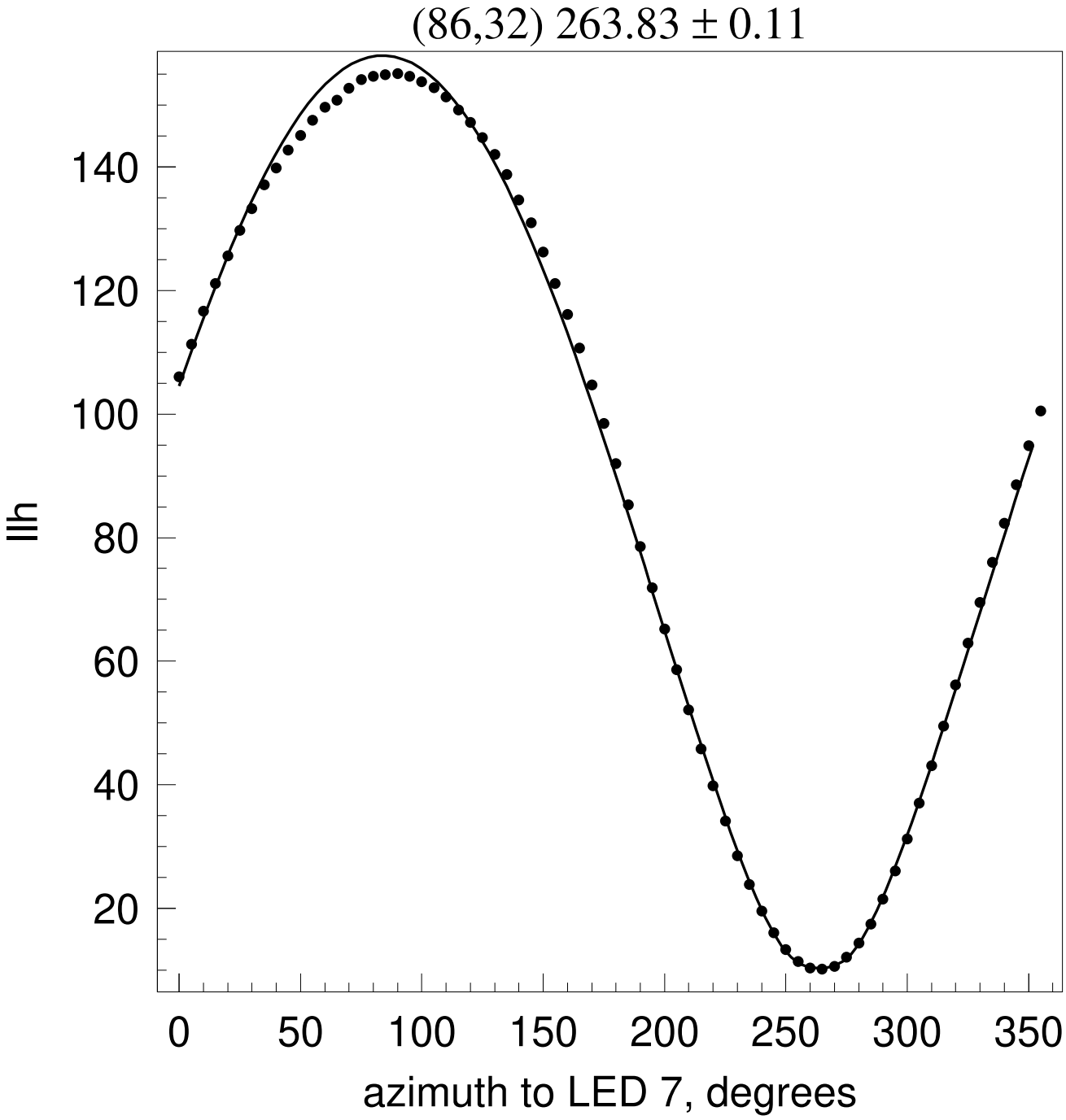

(86,25) 115.47 ± 0.09
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

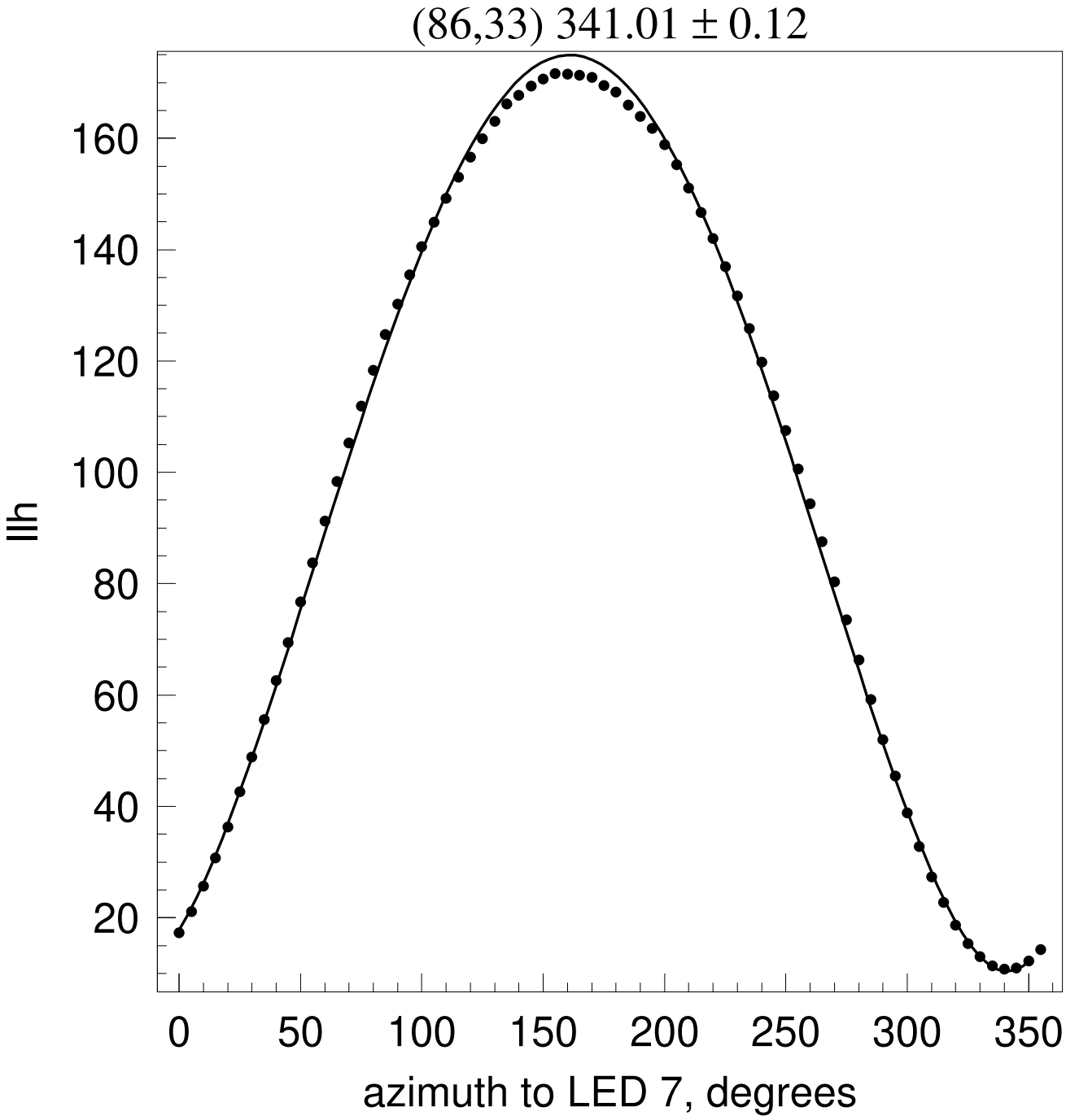

(86,26) 118.73 ± 0.09
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

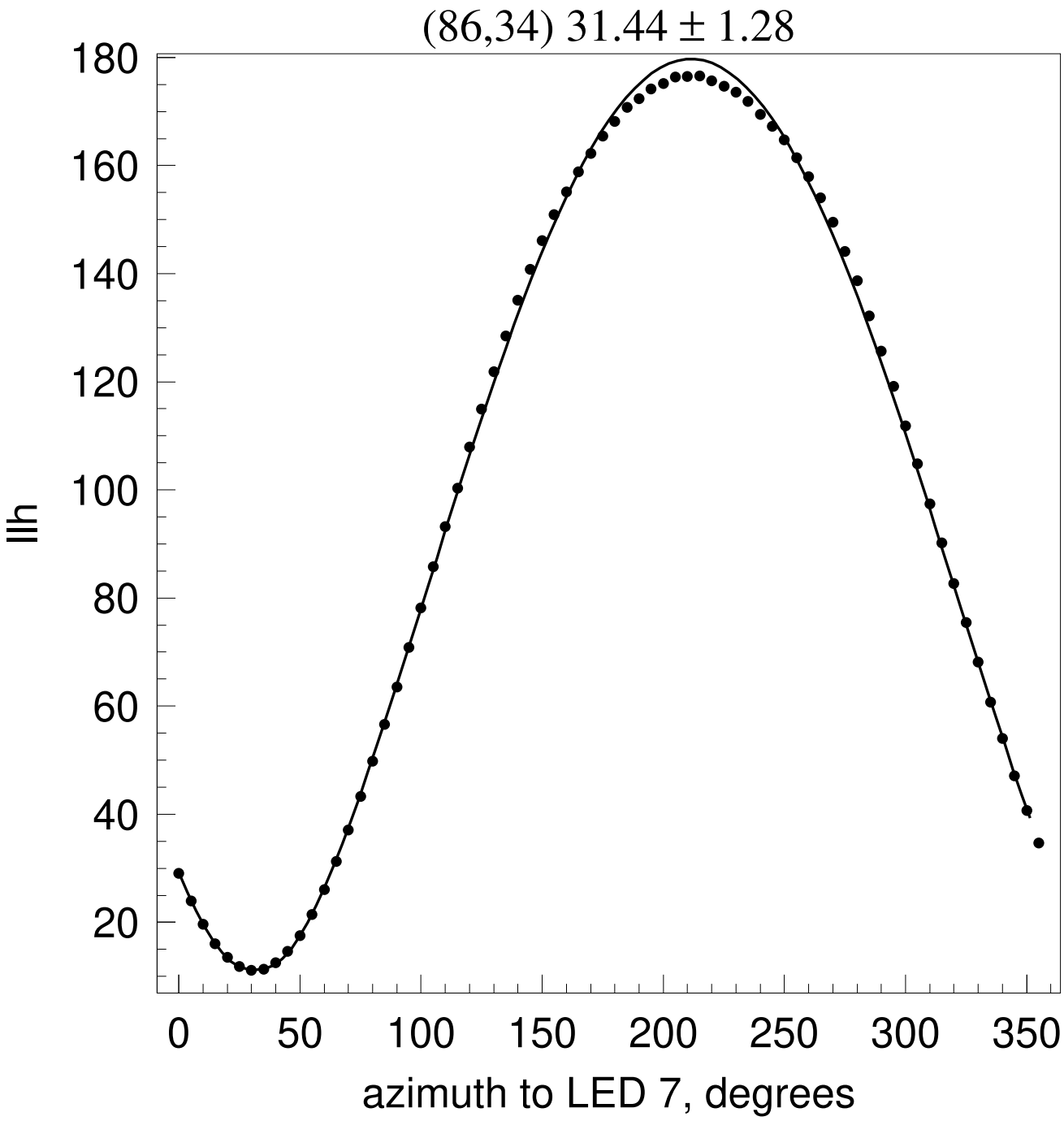

(86,29) 347.24 ± 1.00
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

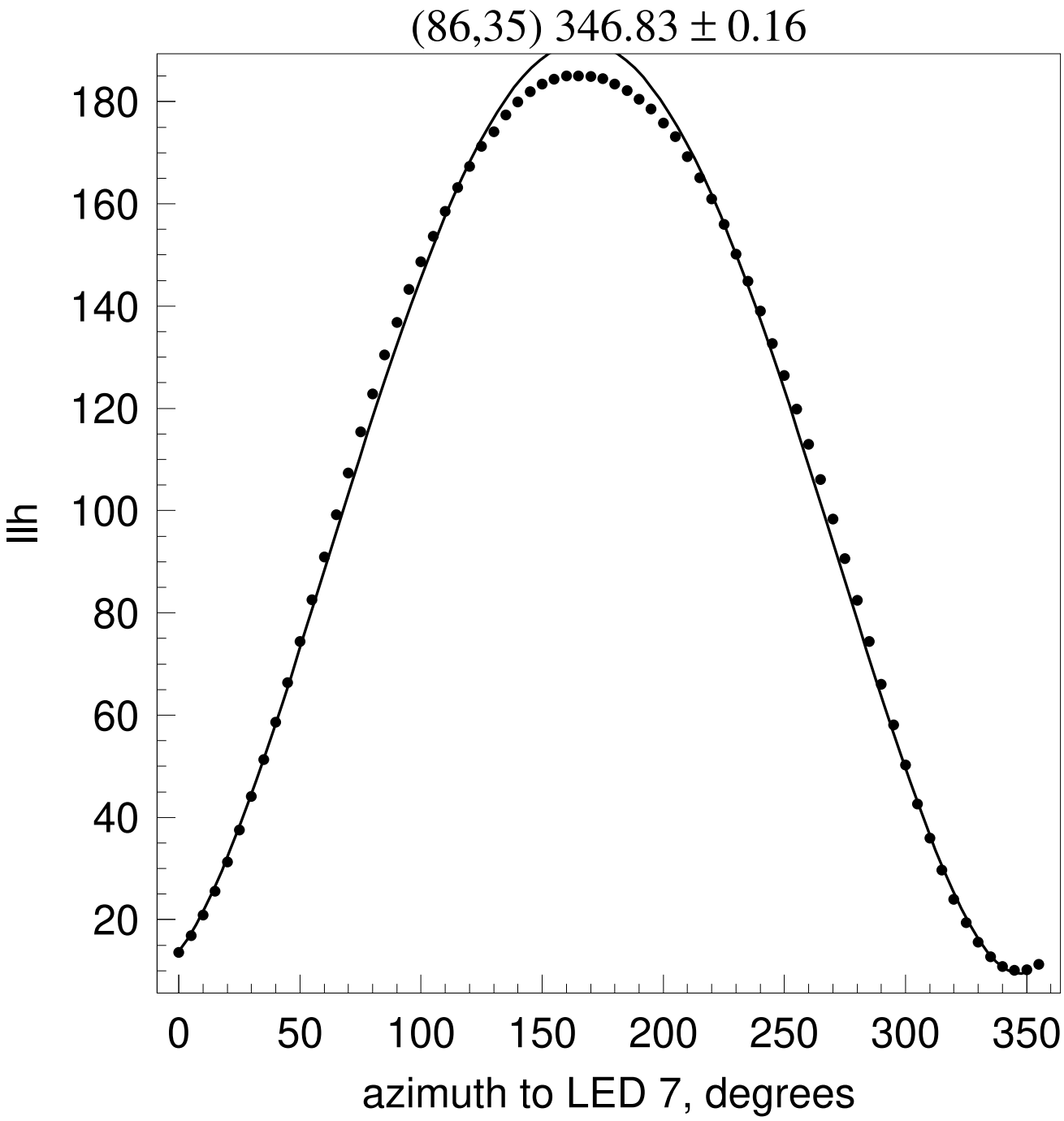

(86,30) 257.63 ± 0.13
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

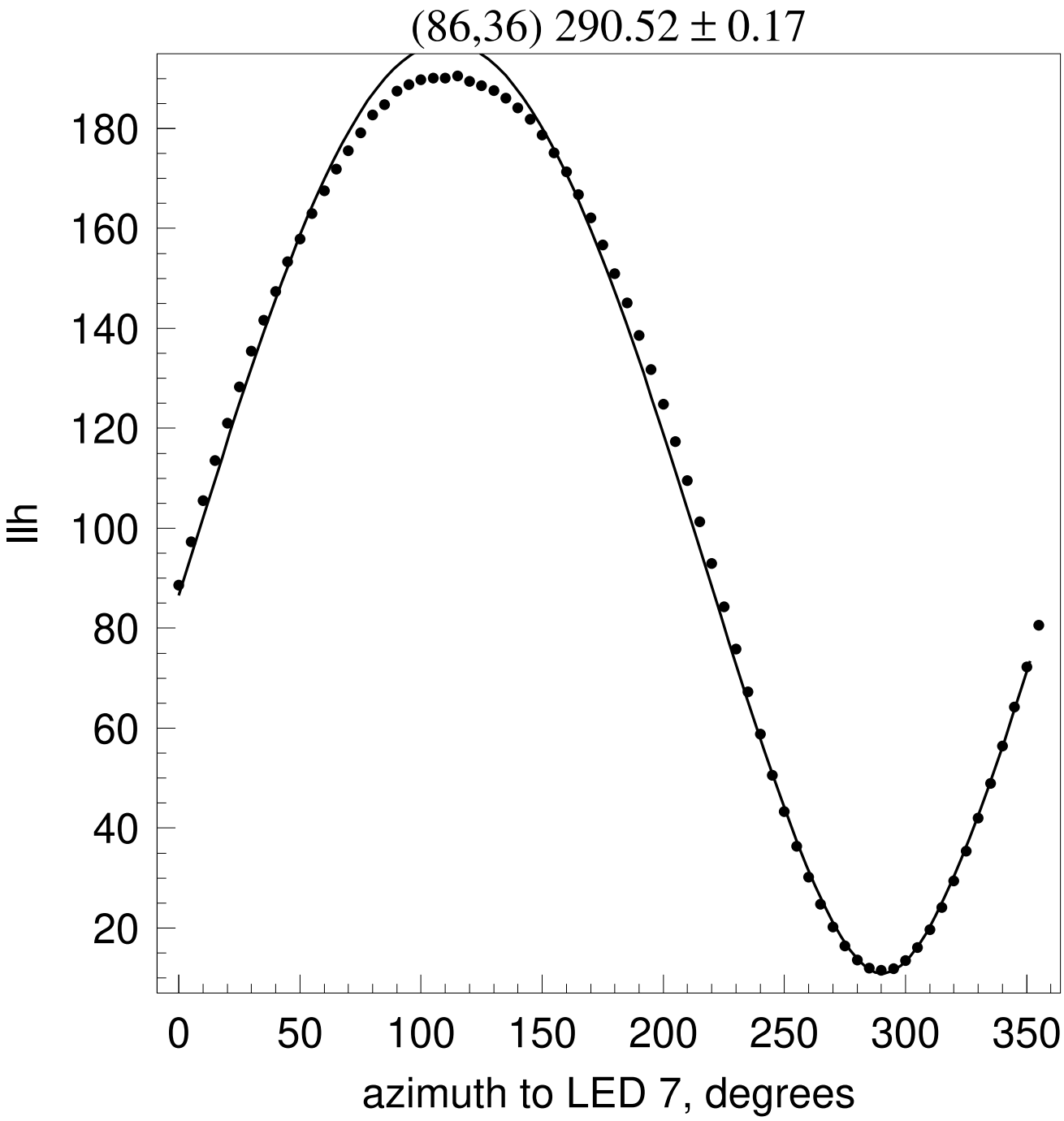

(86,31) 304.93 ± 0.09
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

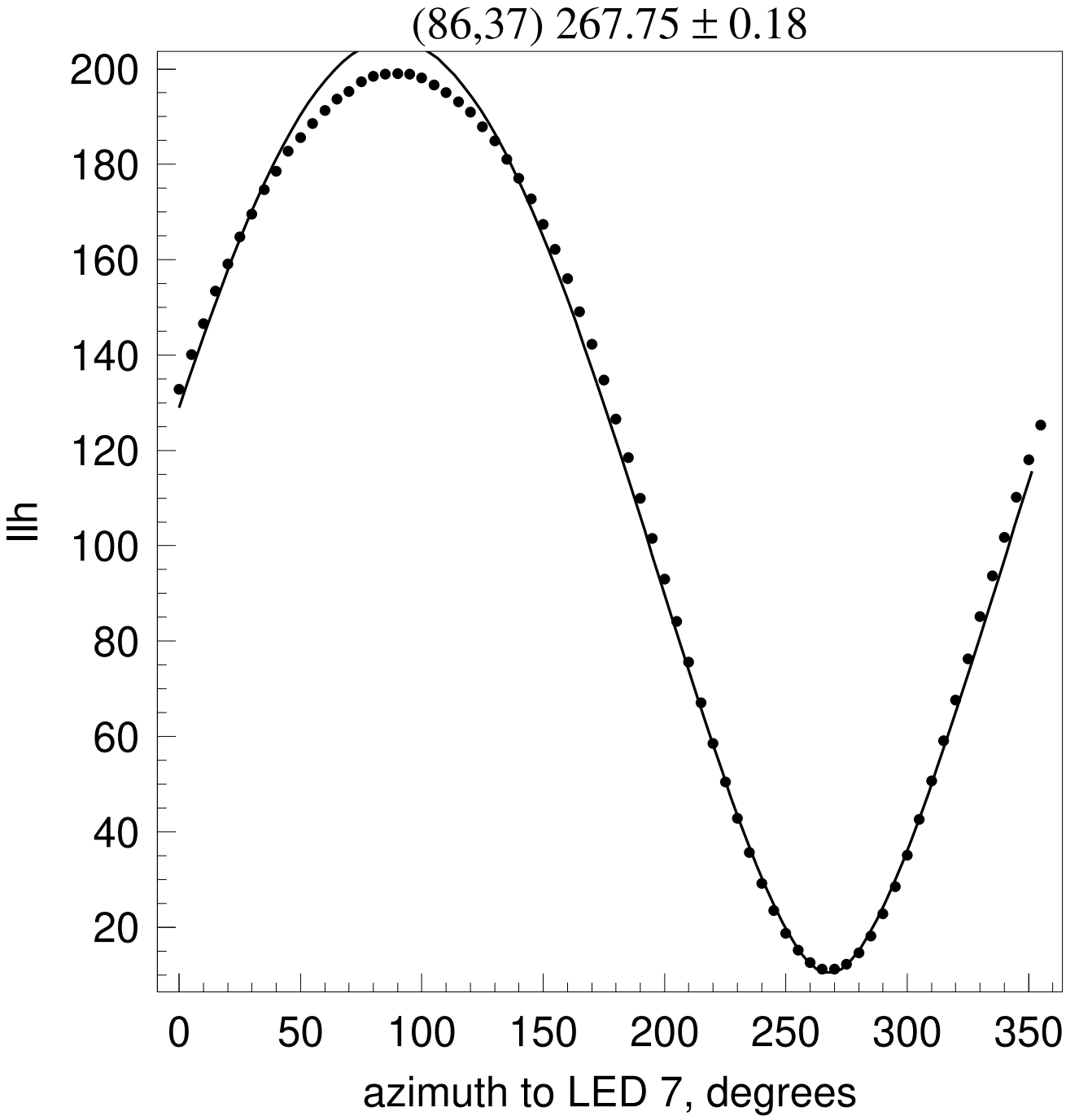

(86,32) 263.83 ± 0.11
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

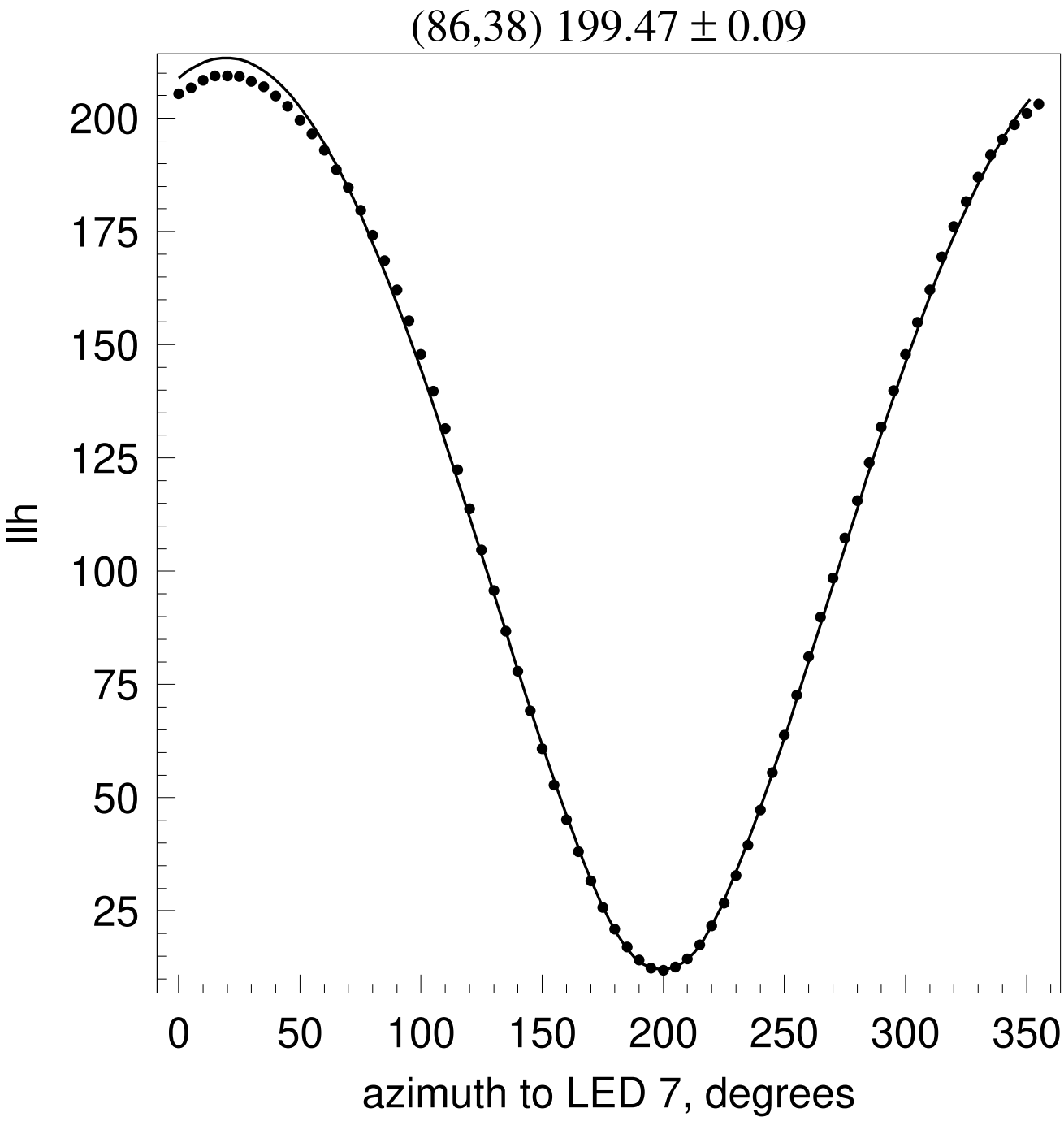

(86,33) 341.01 ± 0.12
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

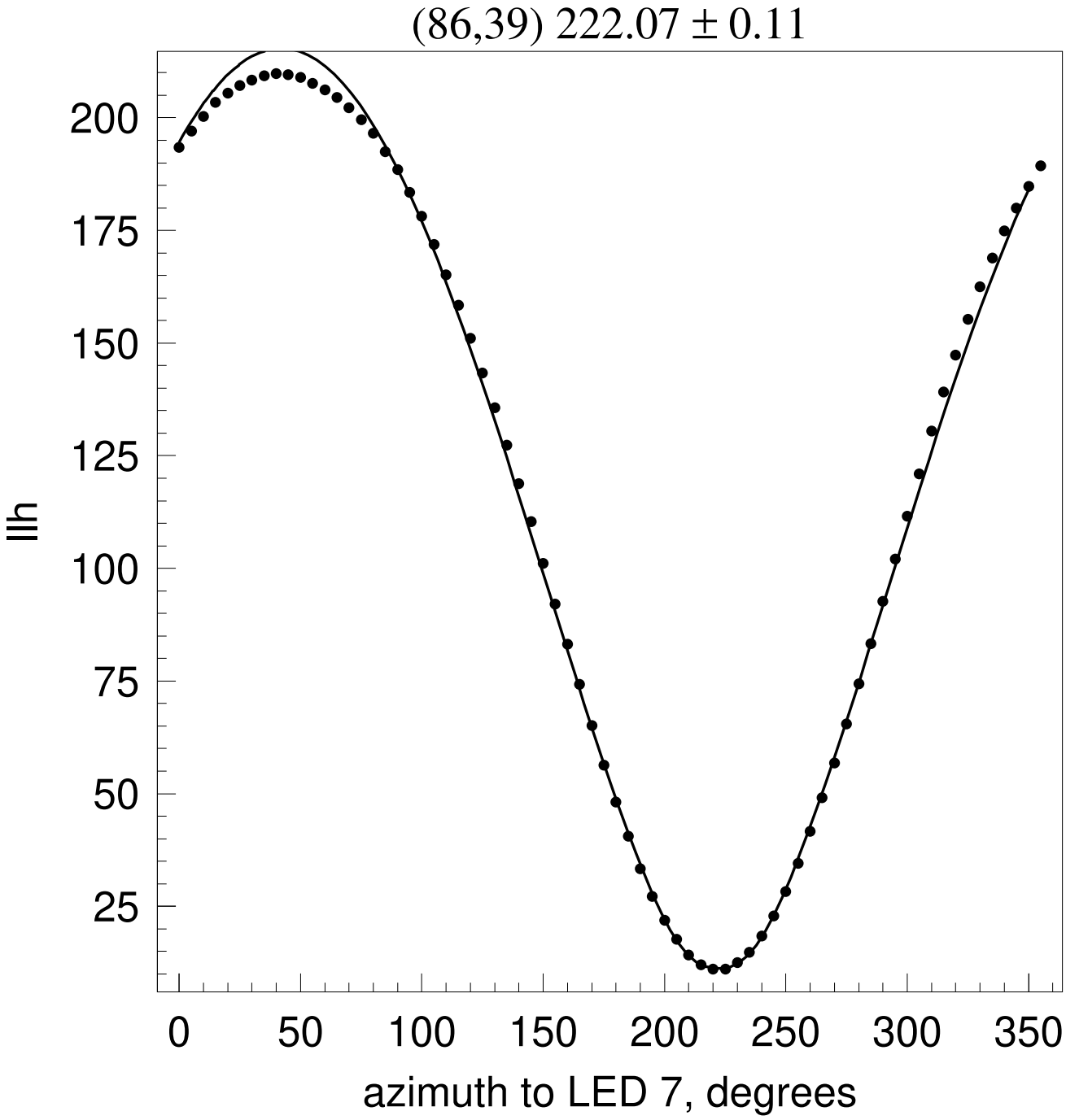

(86,34) 31.44 ± 1.28
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

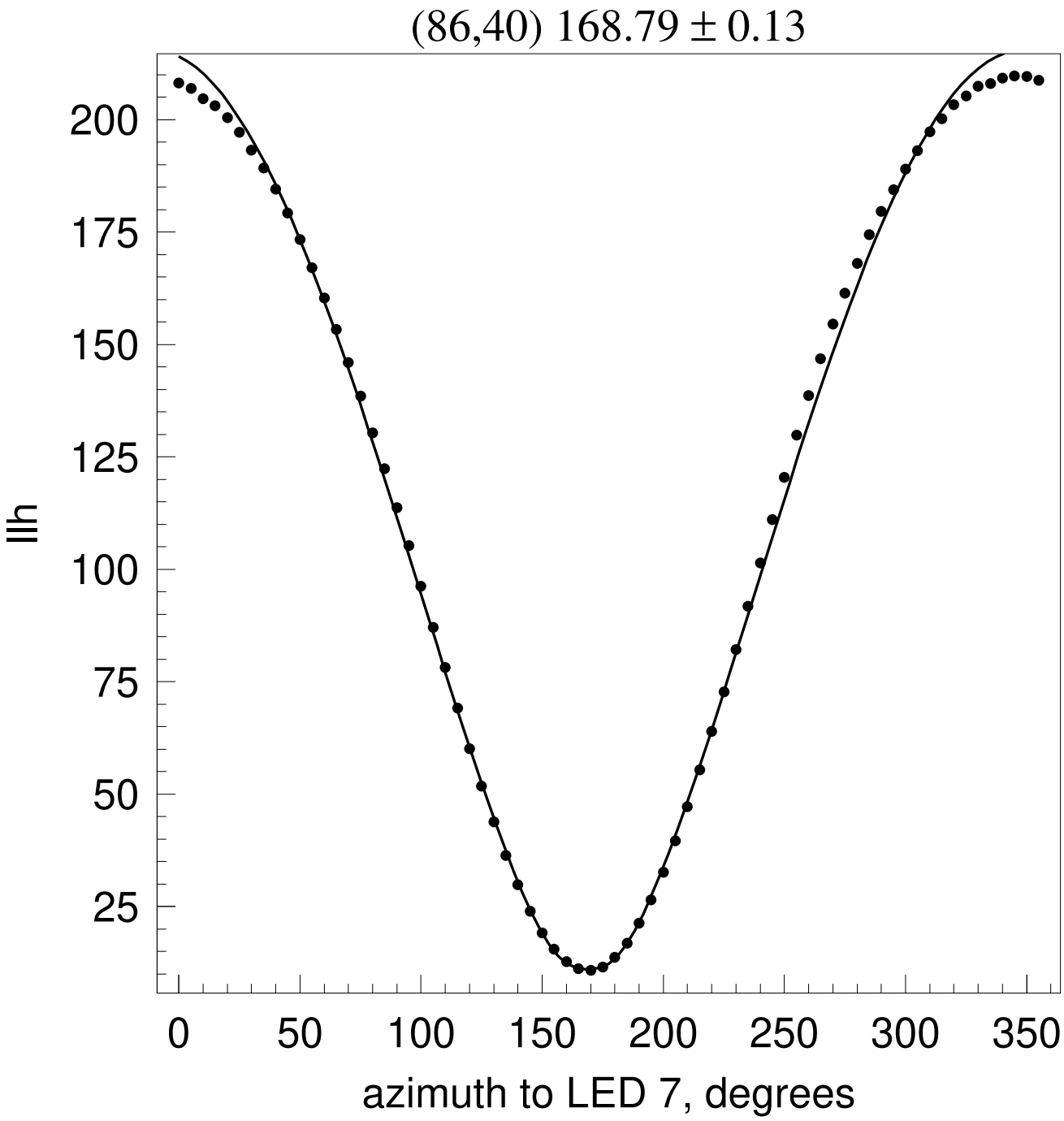

(86,35) 346.83 ± 0.16
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

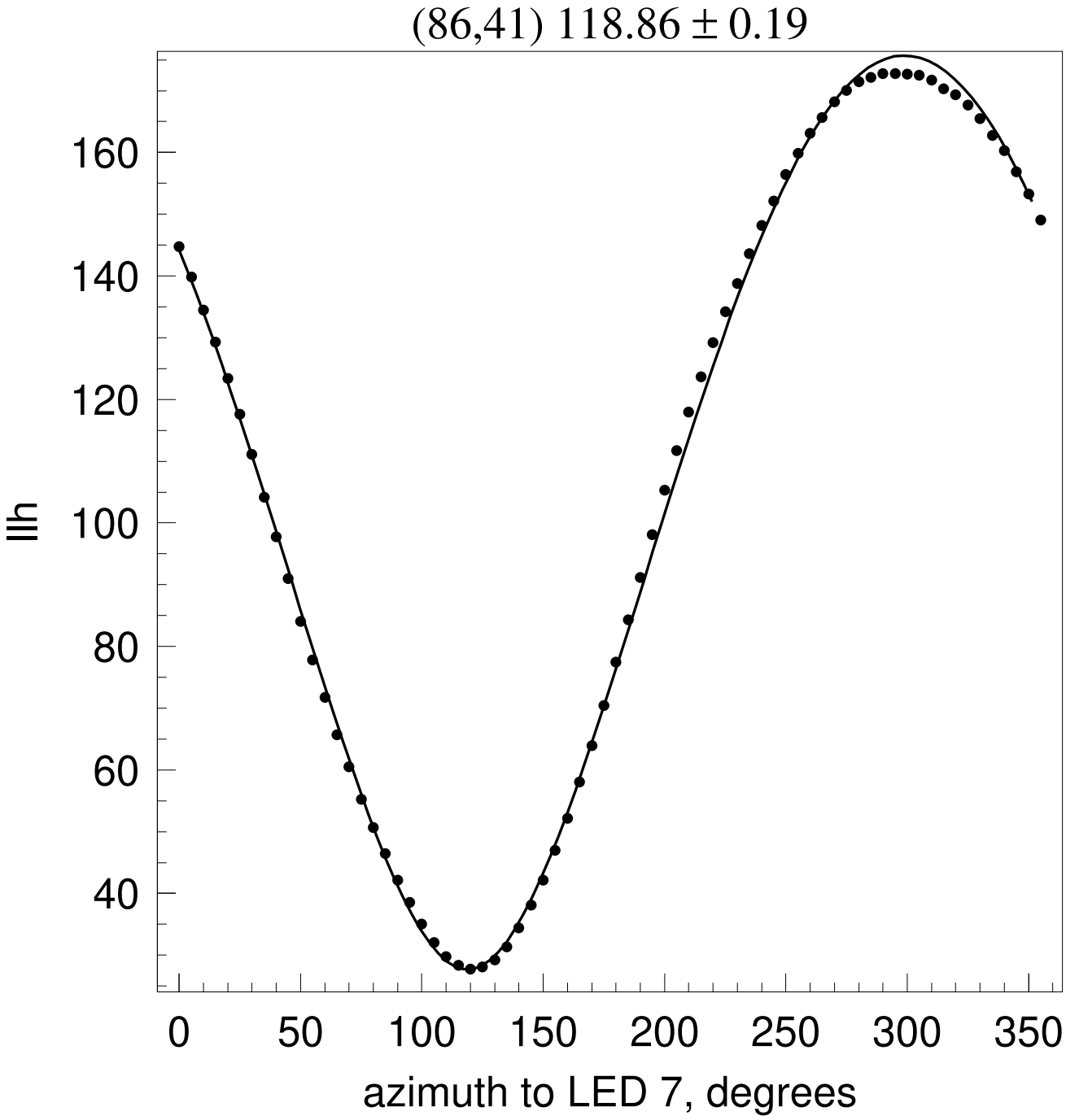

(86,36) 290.52 ± 0.17
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

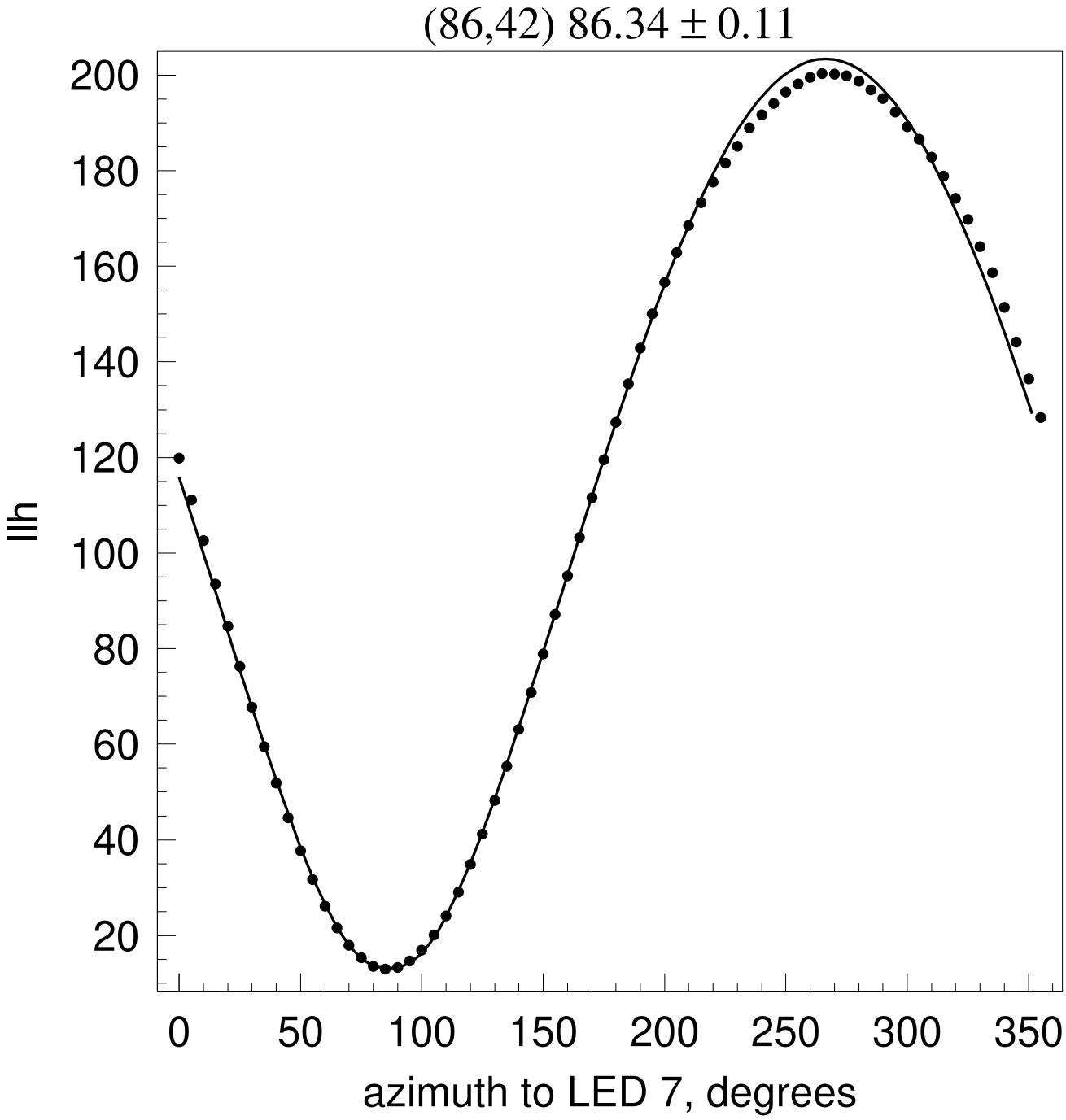

(86,37) 267.75 ± 0.18
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

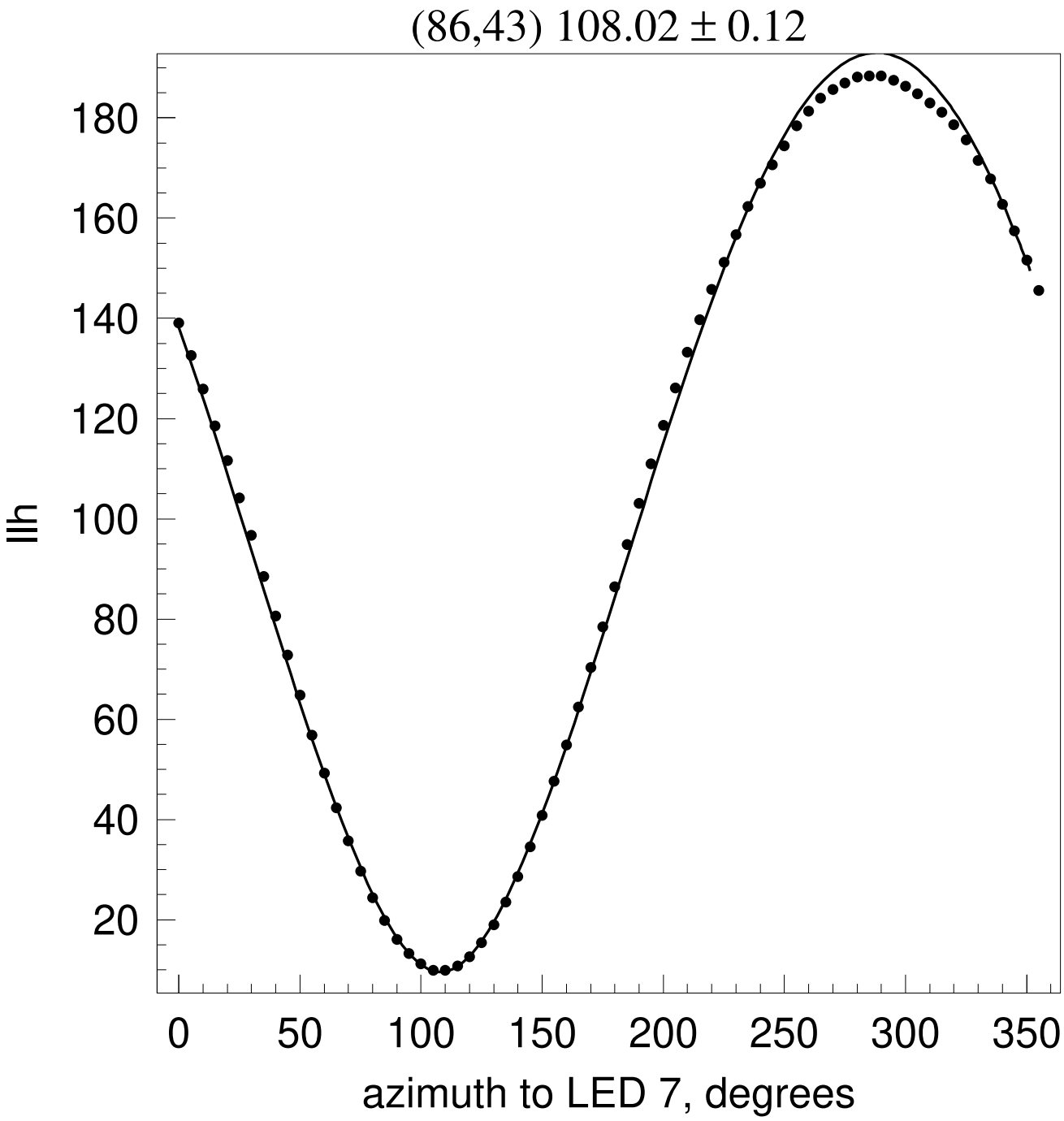

(86,38) 199.47 ± 0.09
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

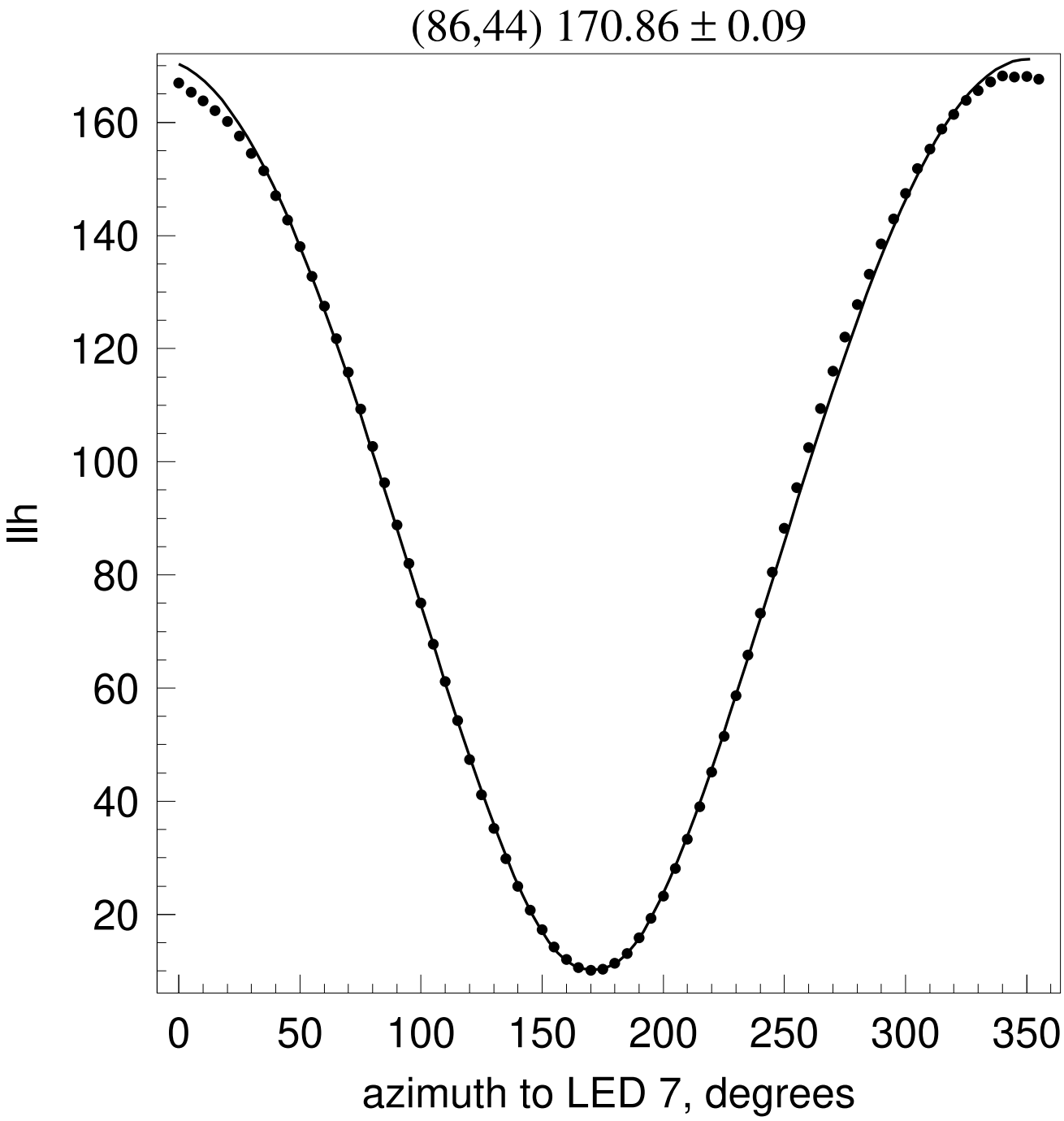

(86,39) 222.07 ± 0.11
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

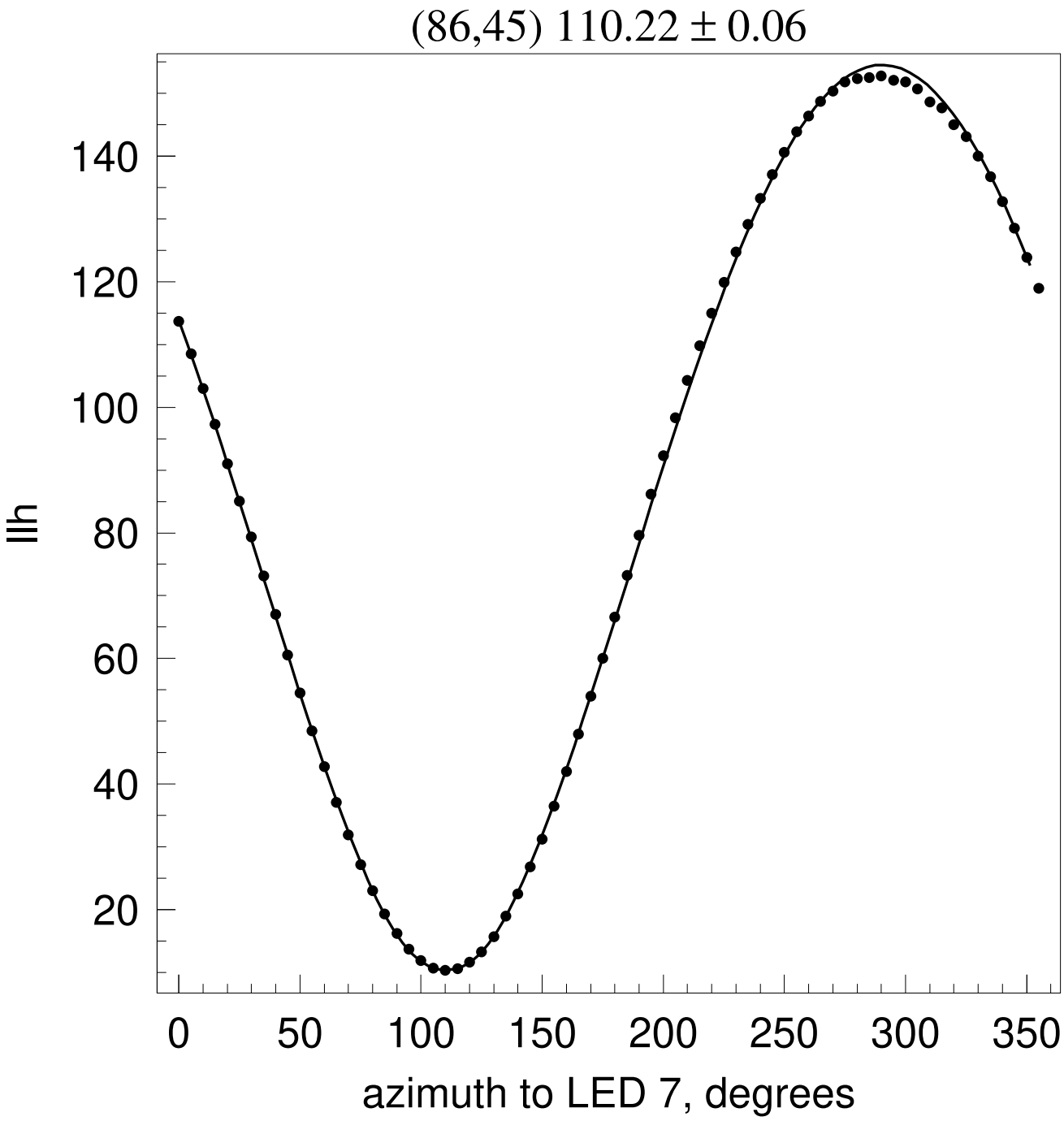

(86,40) 168.79 ± 0.13
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

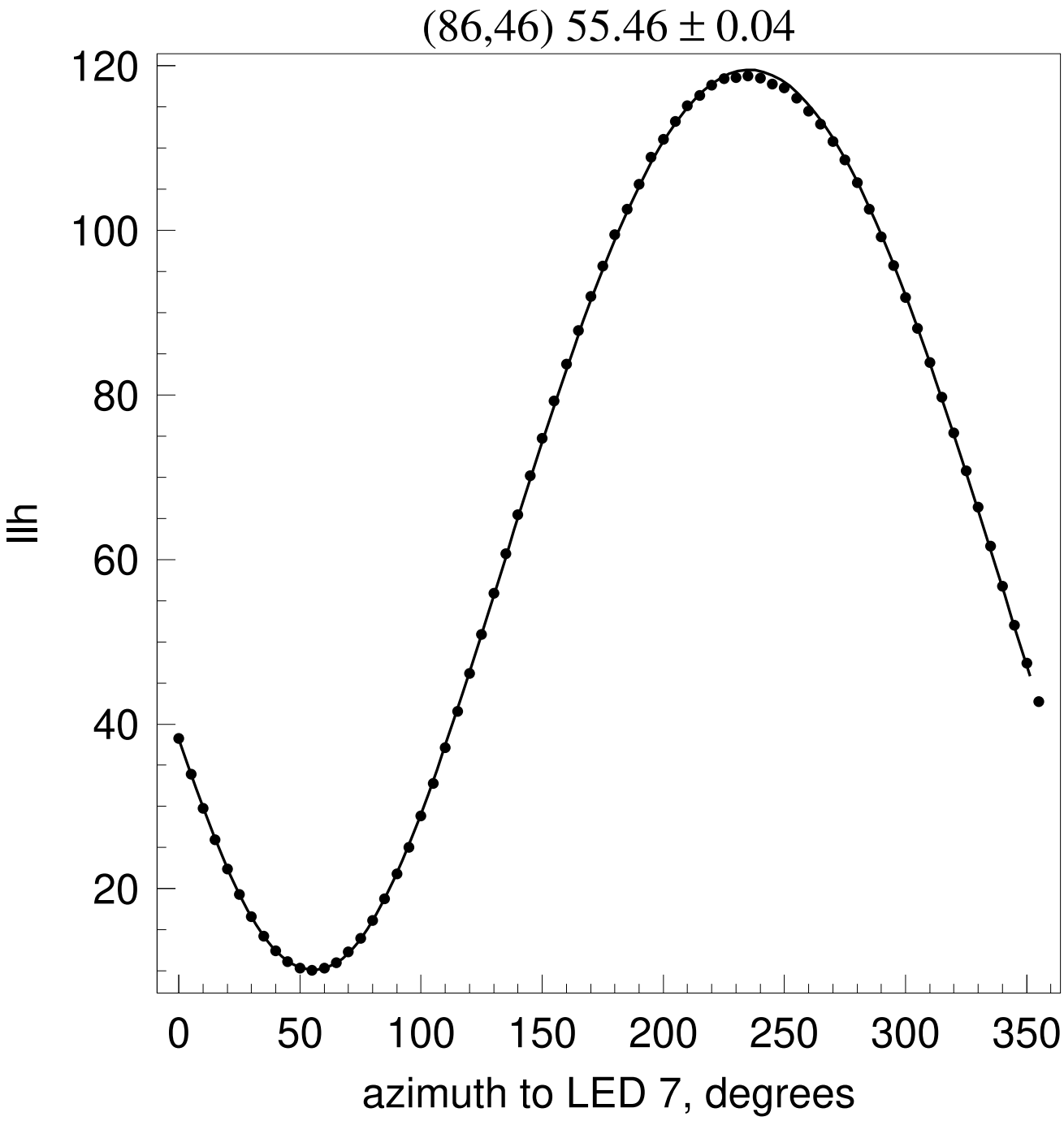

(86,41) 118.86 ± 0.19
160
140
120
100
80
60
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

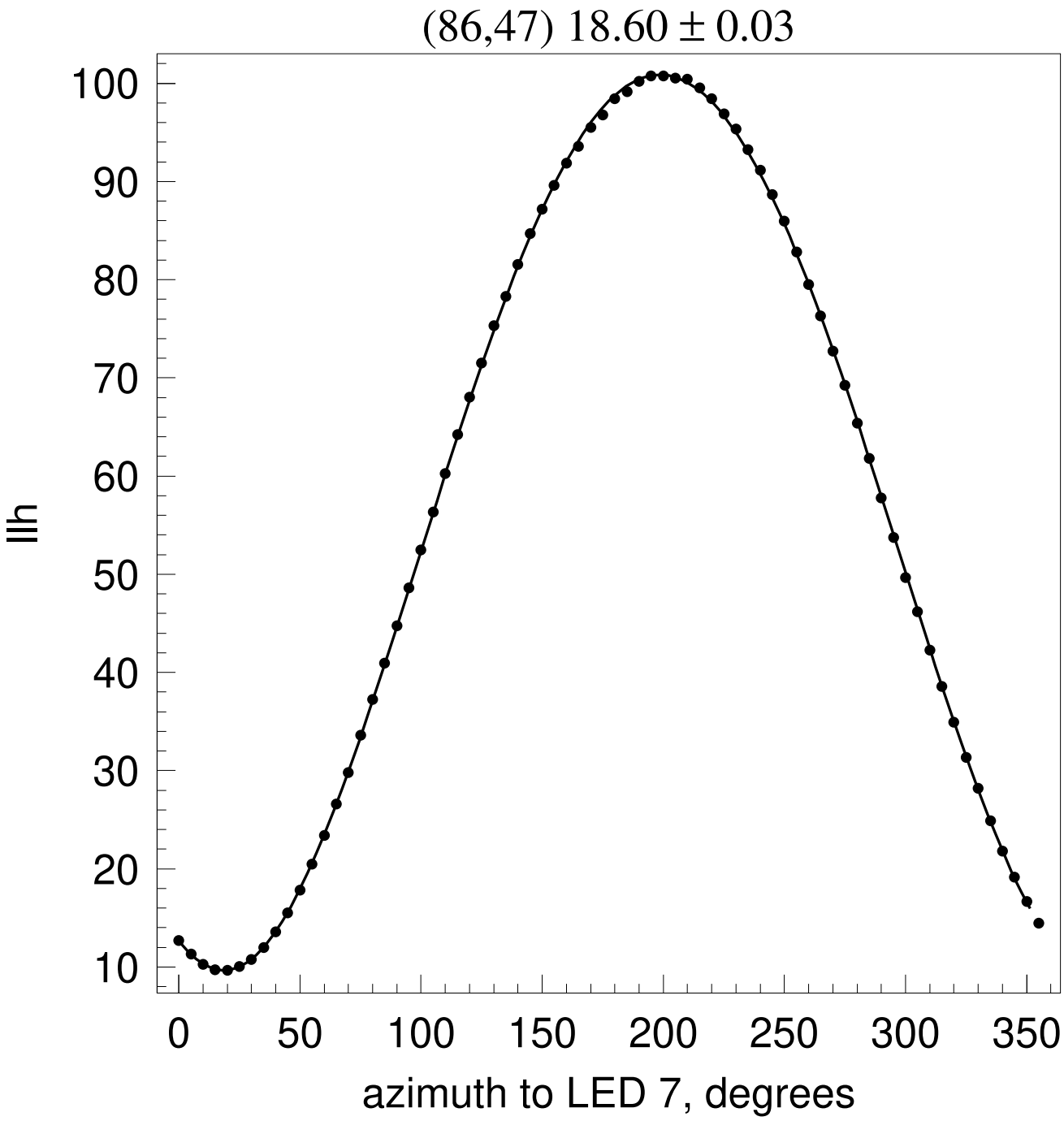

(86,42) 86.34 ± 0.11
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

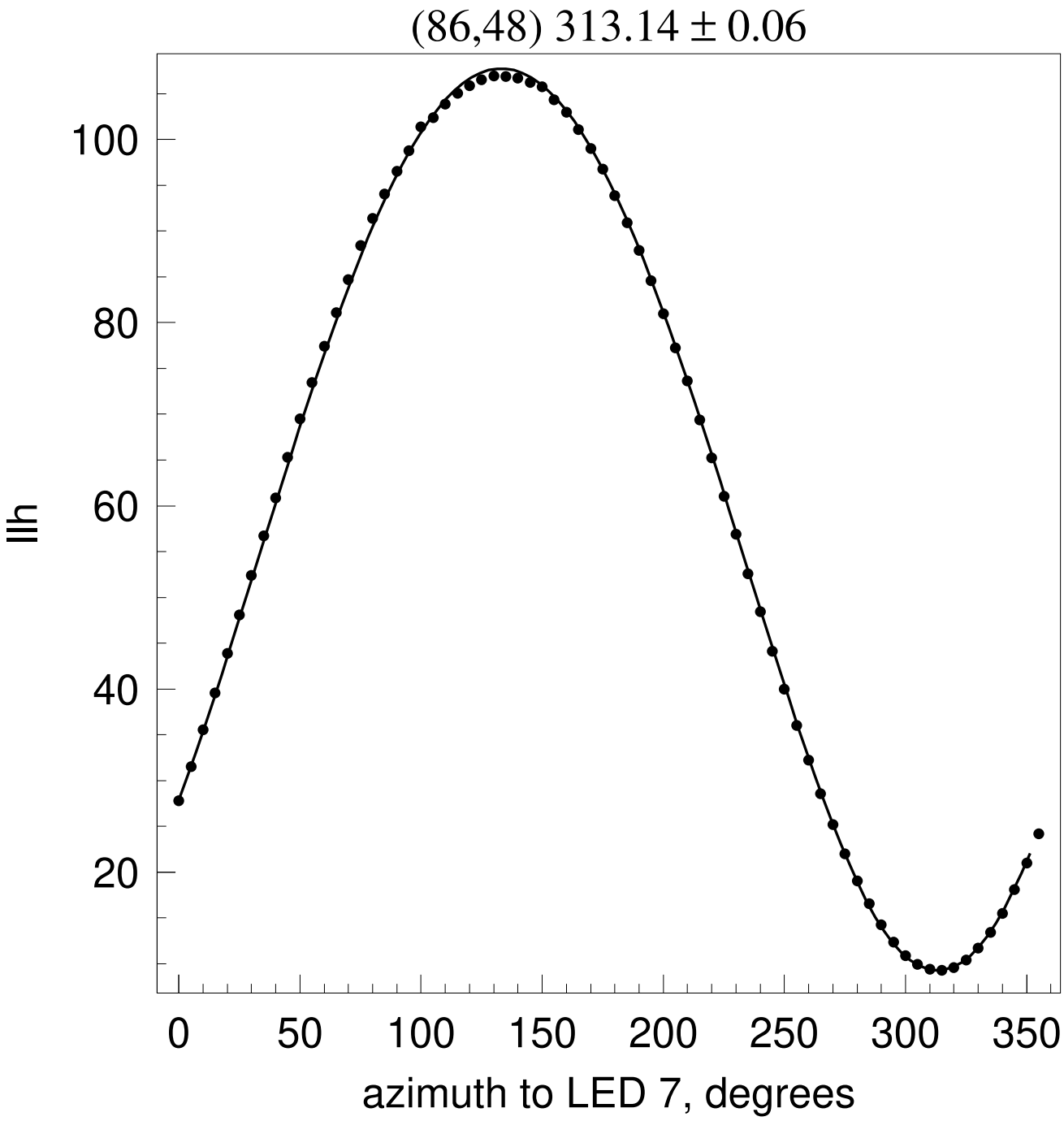

(86,43) 108.02 ± 0.12
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

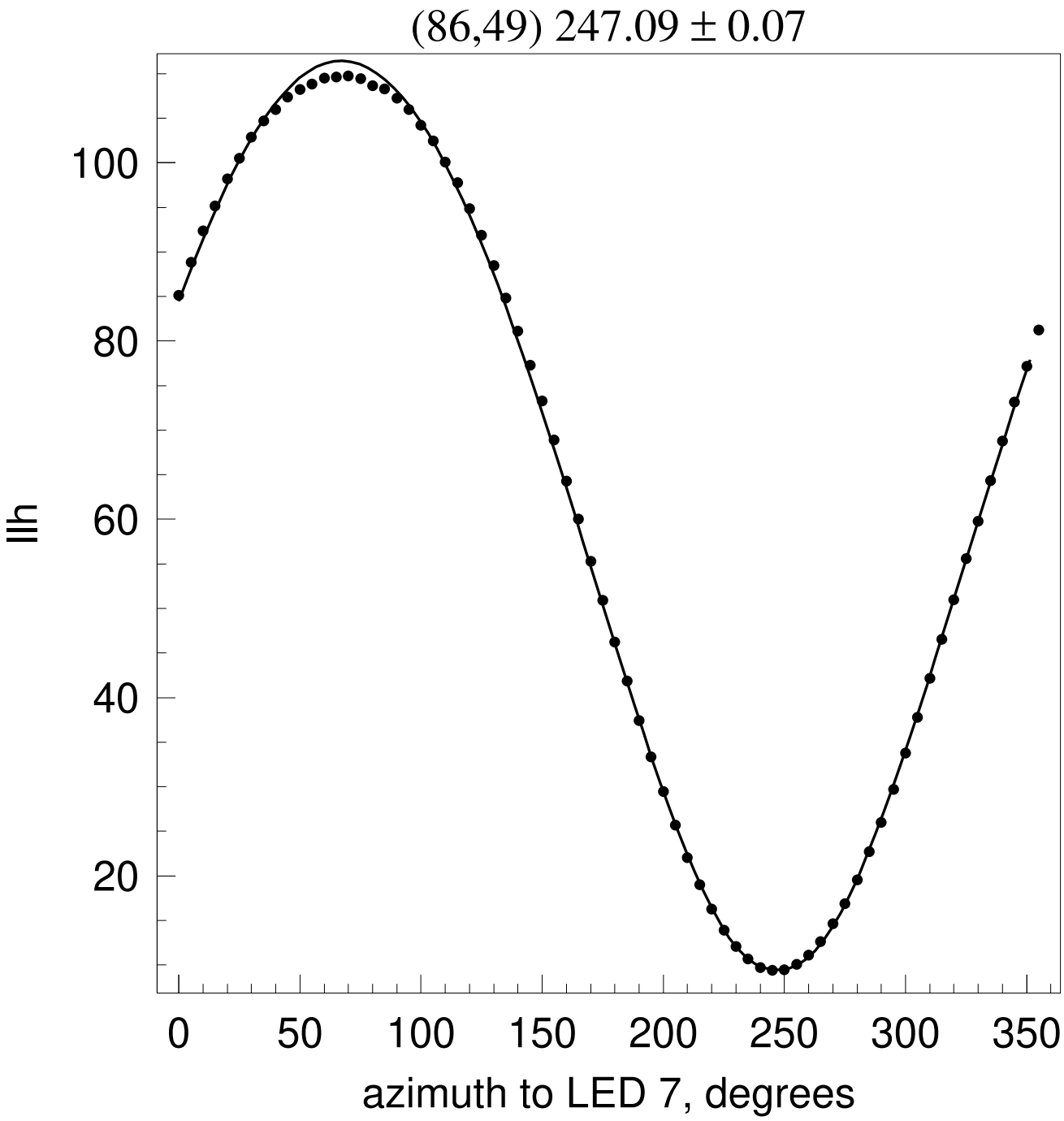

(86,44) 170.86 ± 0.09
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

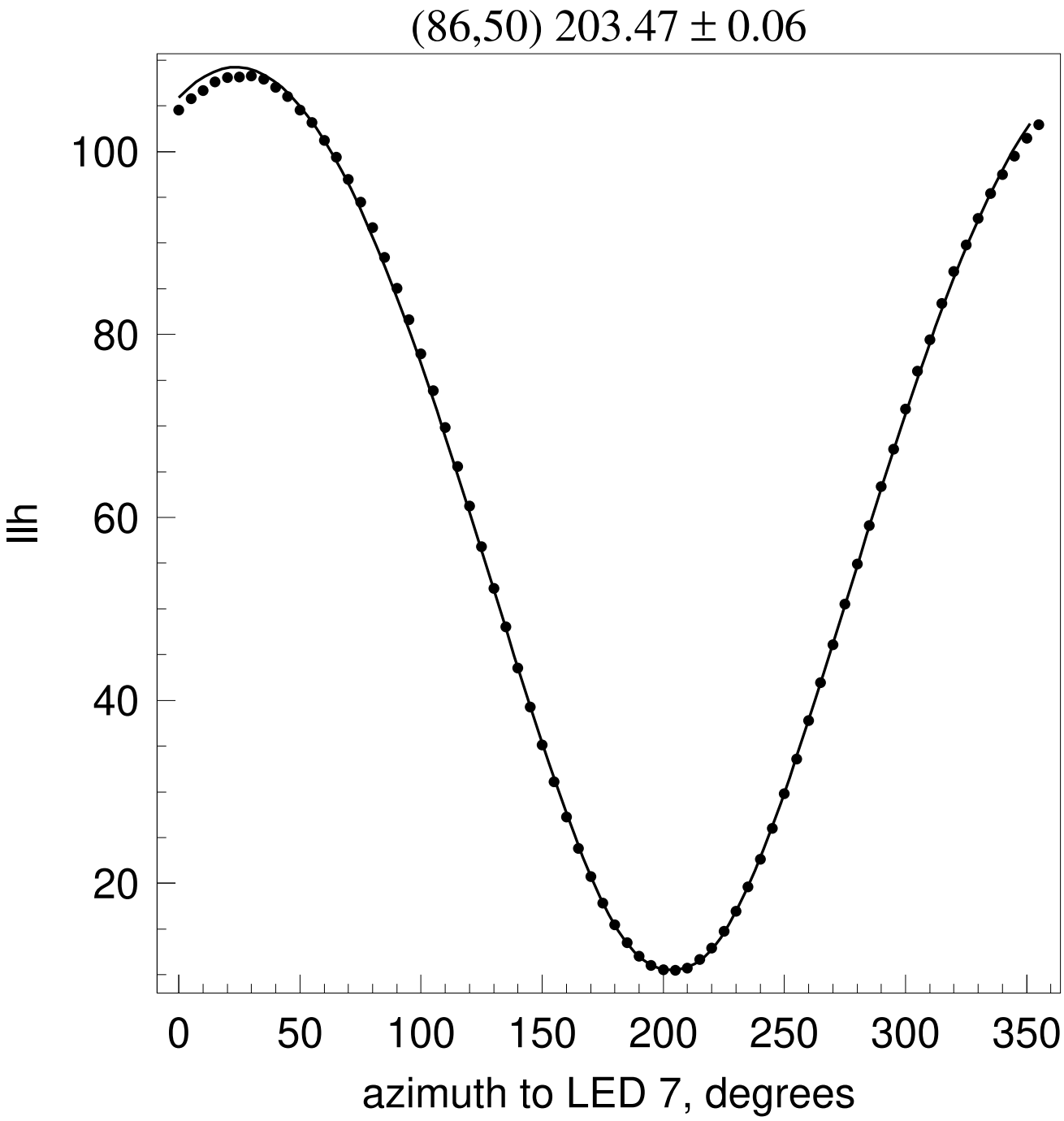

(86,45) 110.22 ± 0.06
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

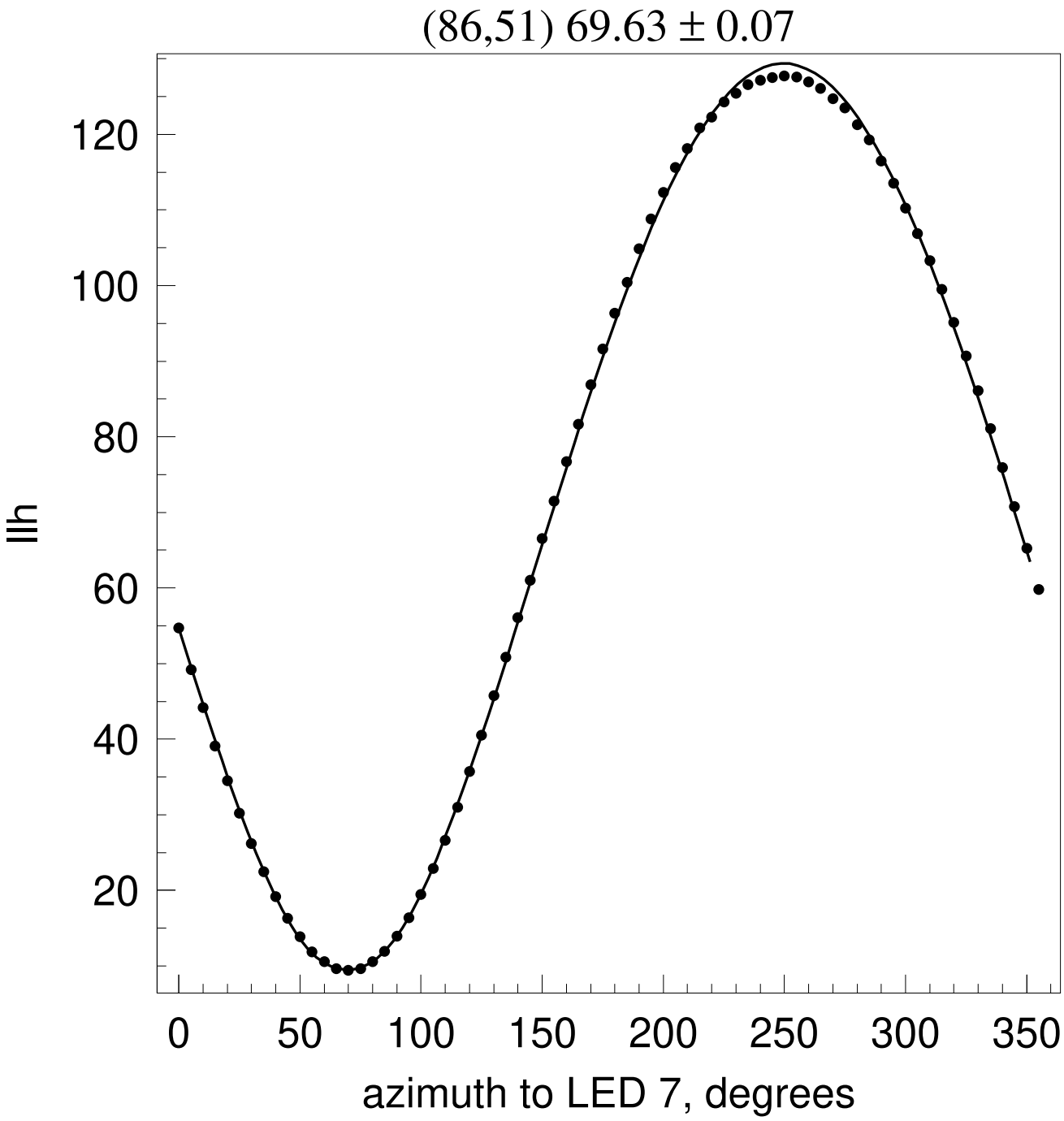

(86,46) 55.46 ± 0.04
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

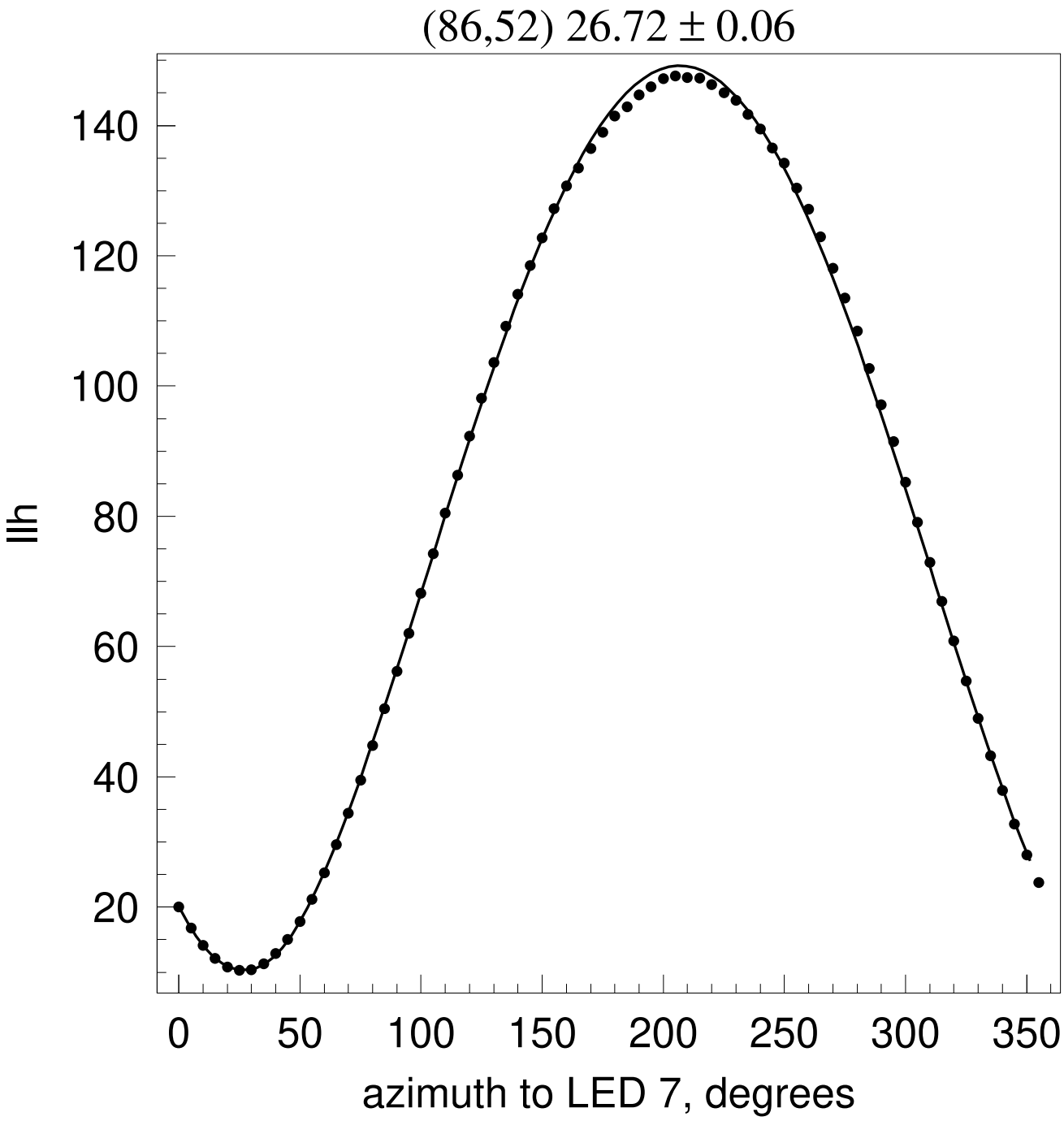

(86,47) 18.60 ± 0.03
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

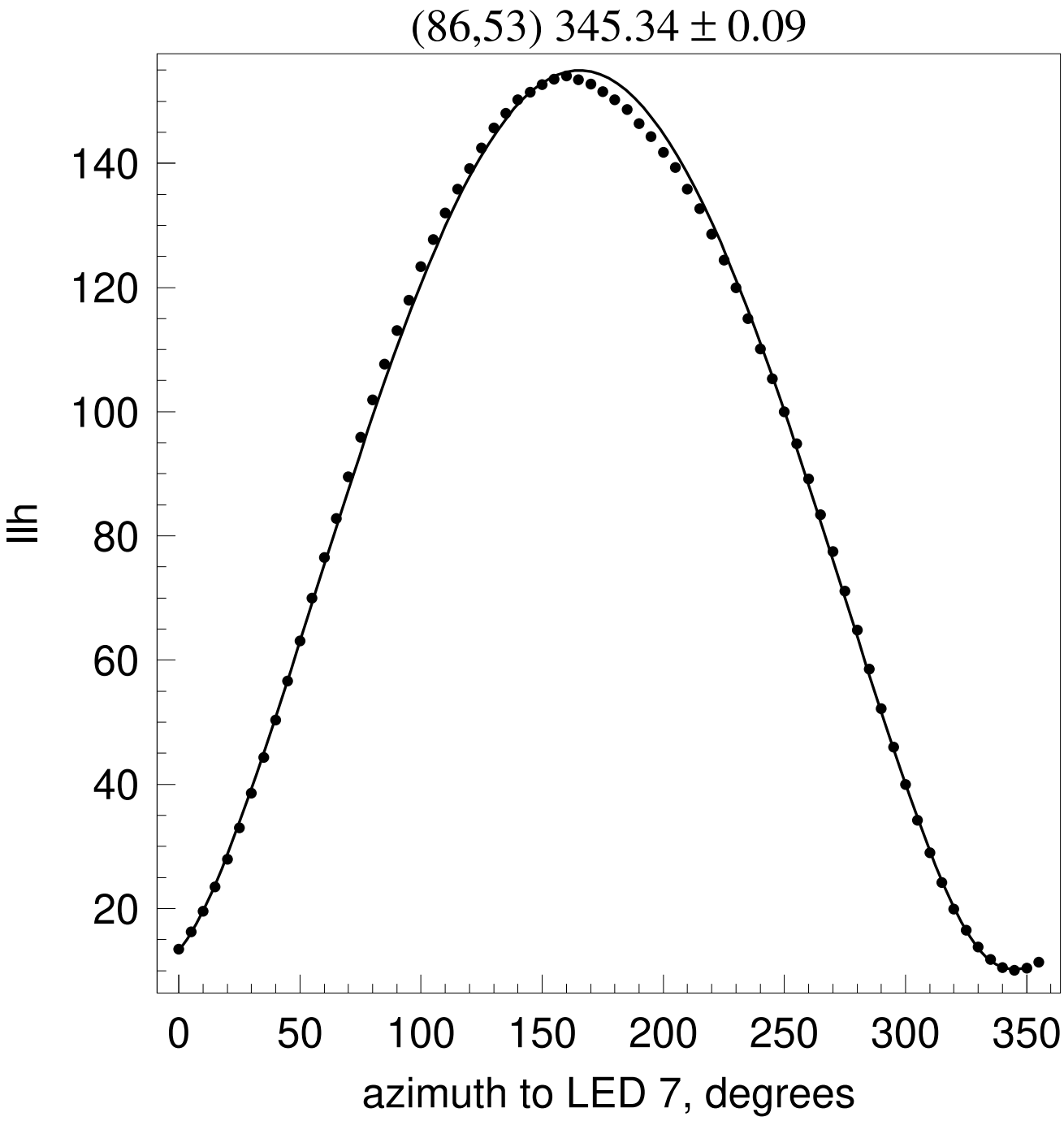

(86,48) 313.14 ± 0.06
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

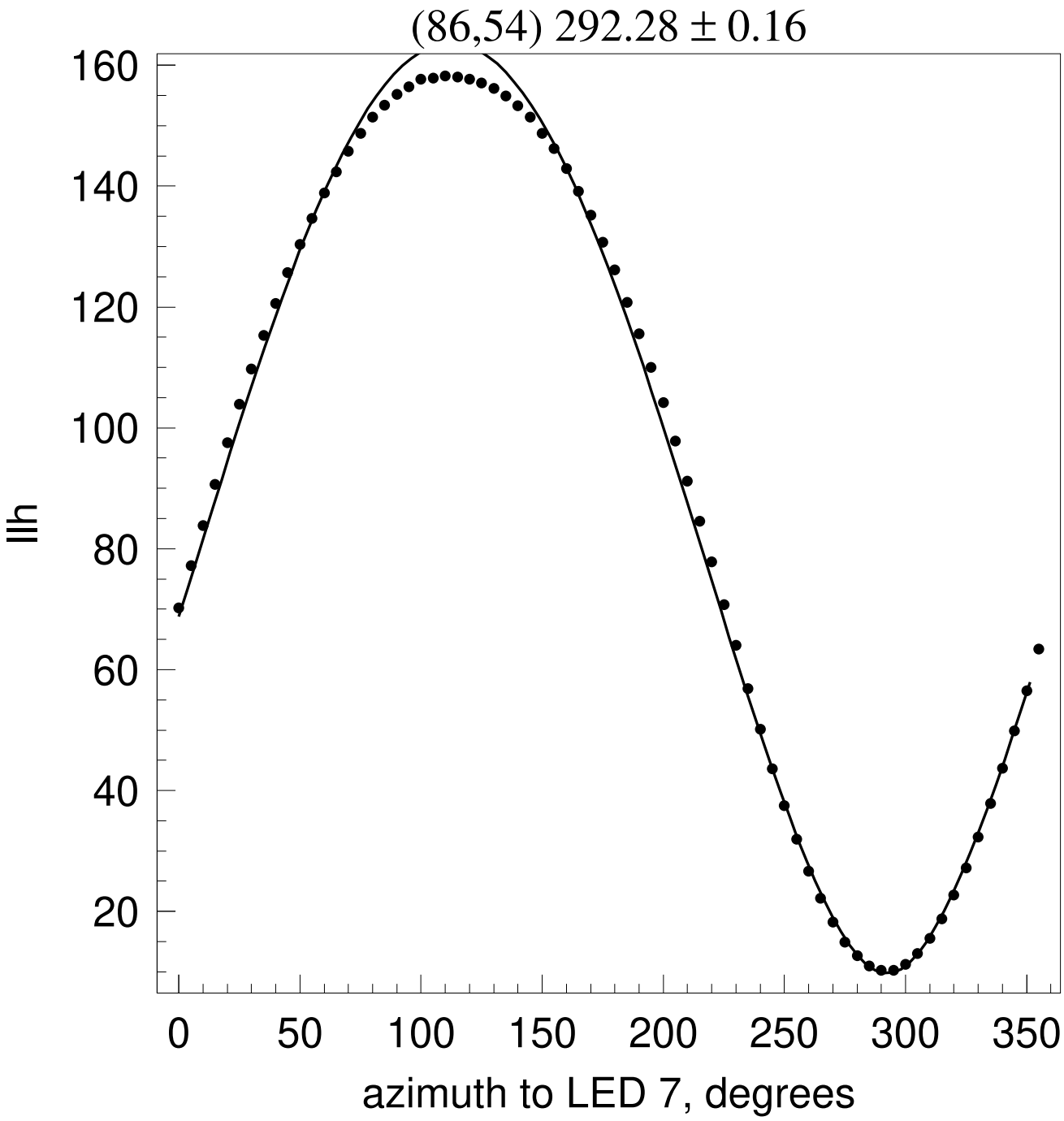

(86,49) 247.09 ± 0.07
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

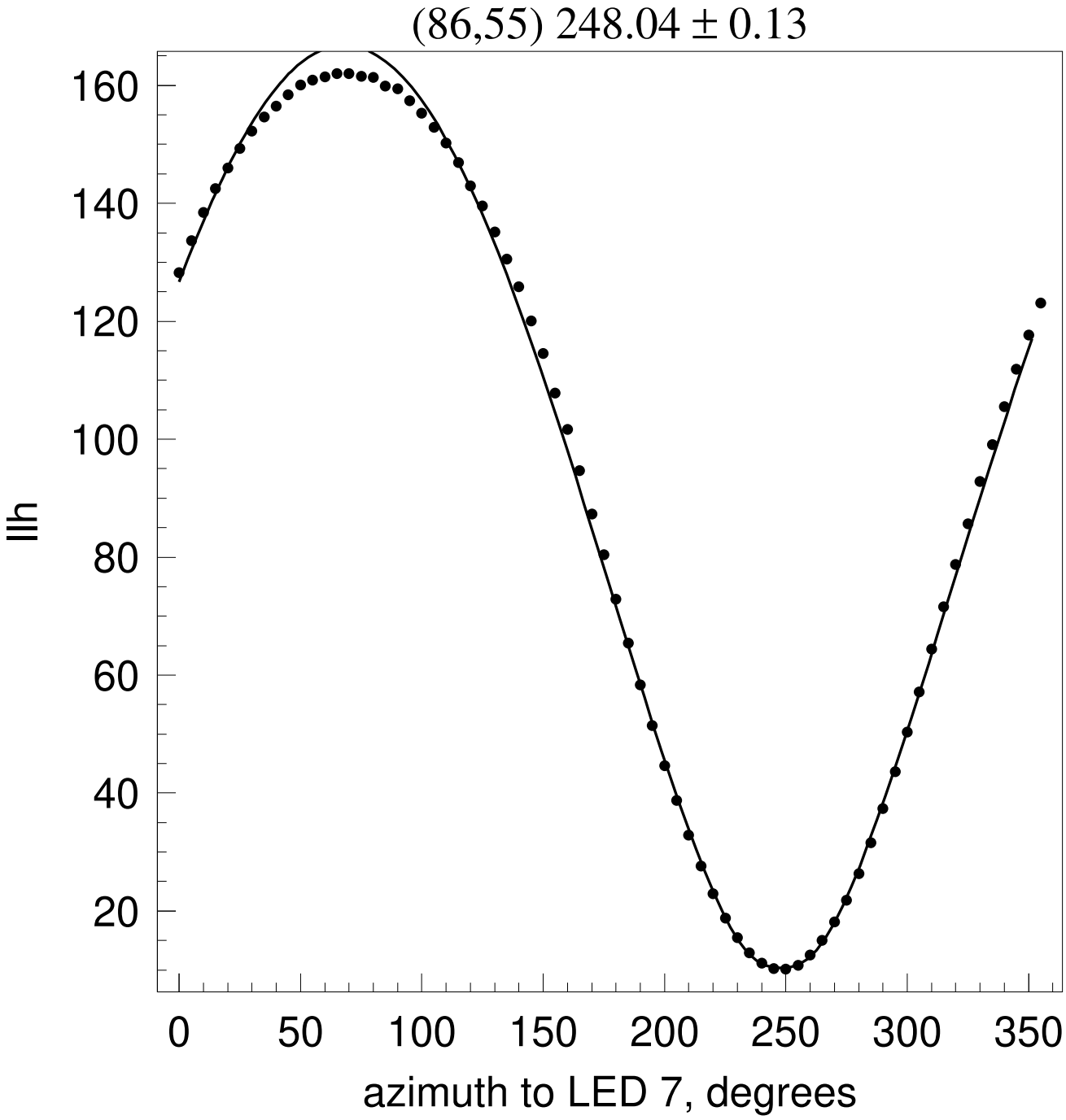

(86,50) 203.47 ± 0.06
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

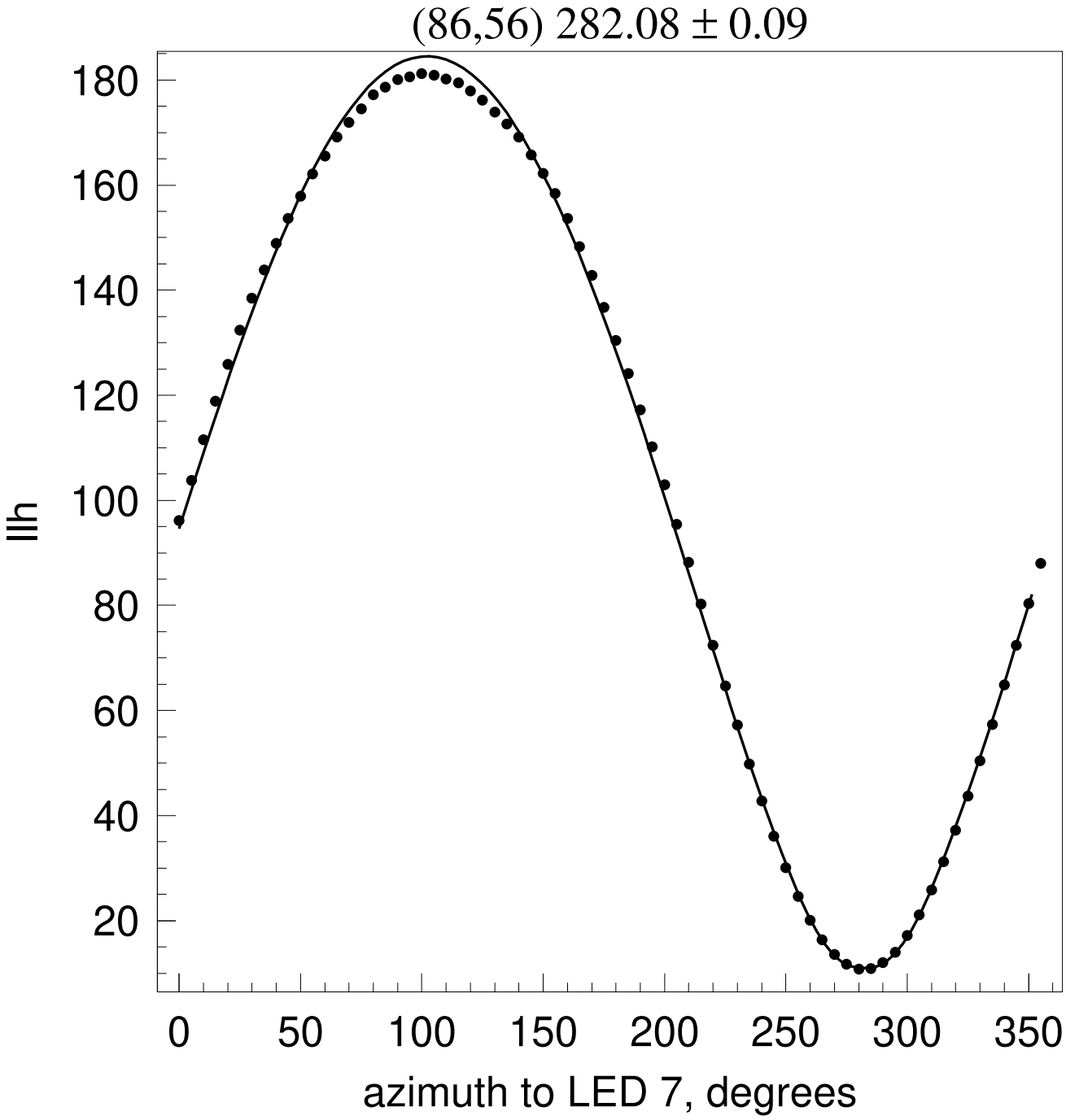

(86,51) 69.63 ± 0.07
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

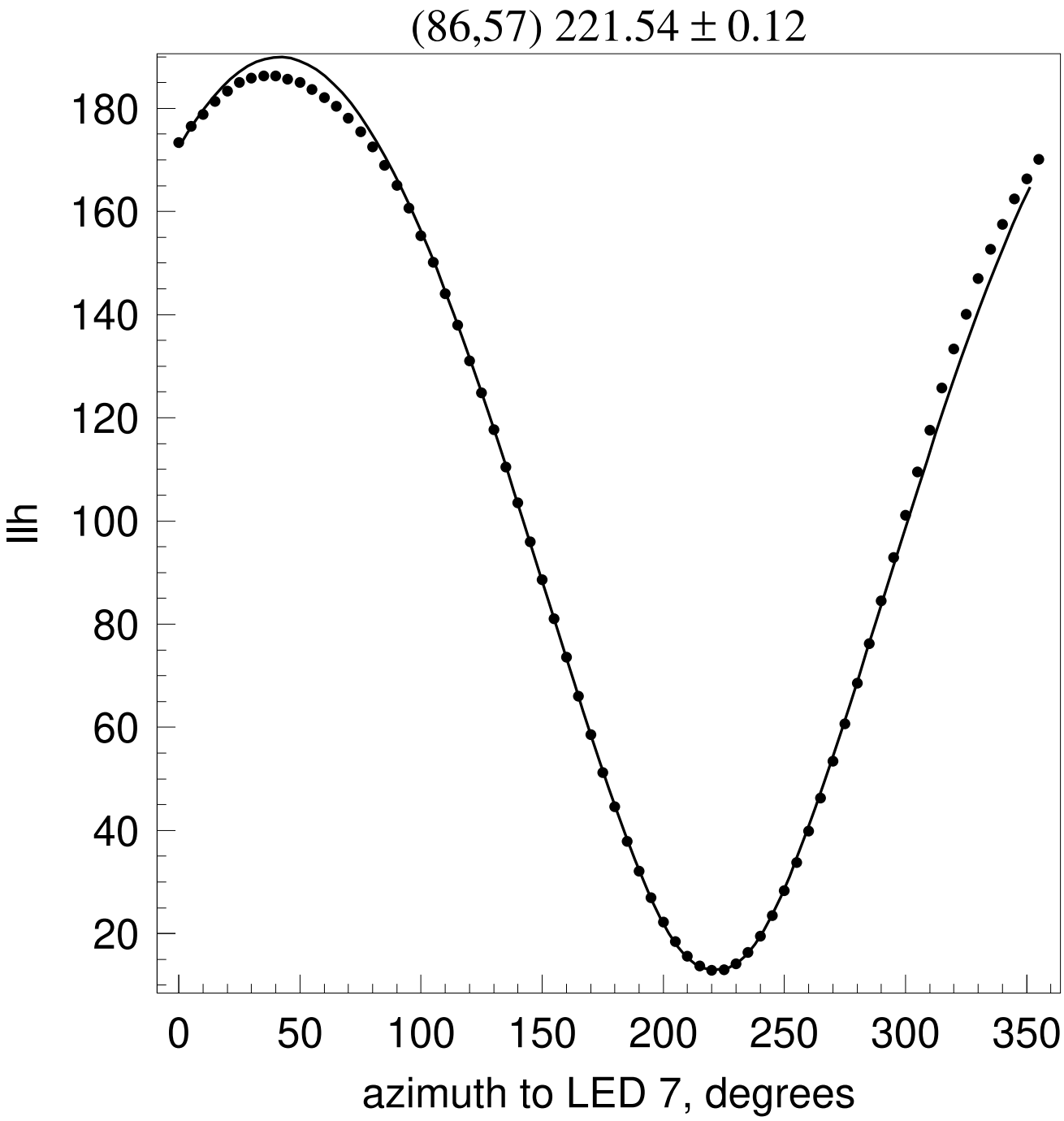

(86,52) 26.72 ± 0.06
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

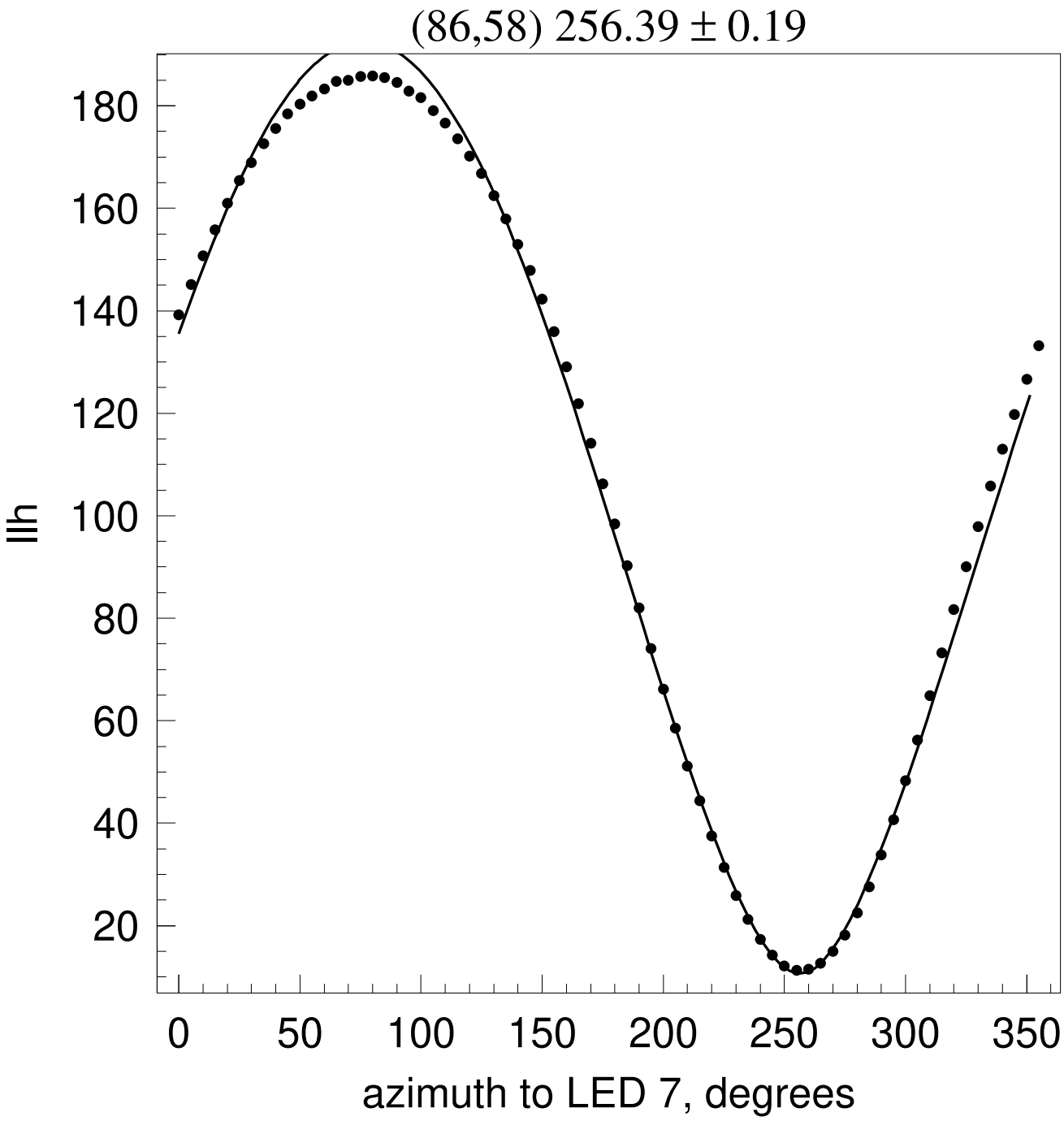

(86,53) 345.34 ± 0.09
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

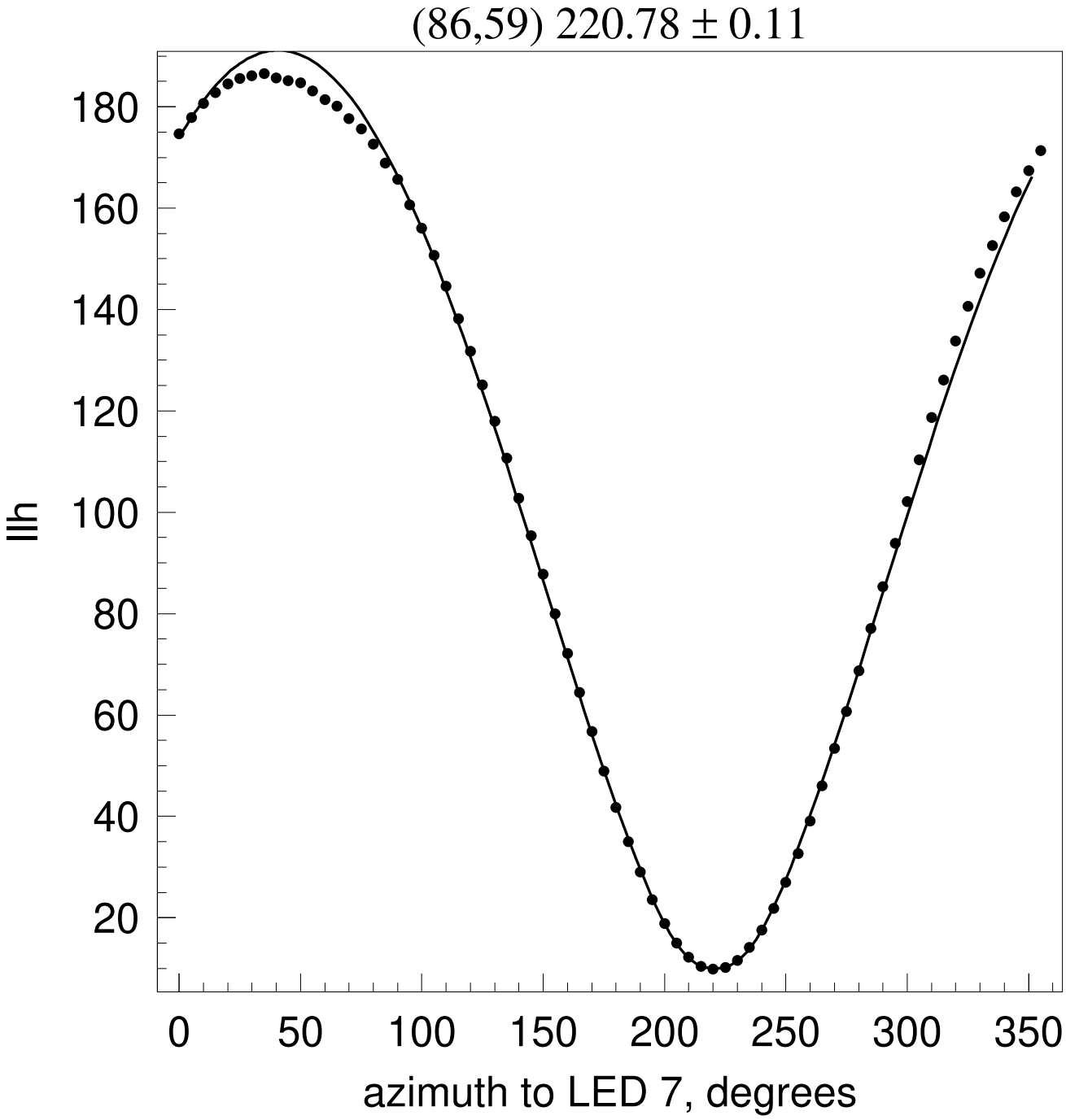

(86,54) 292.28 ± 0.16
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

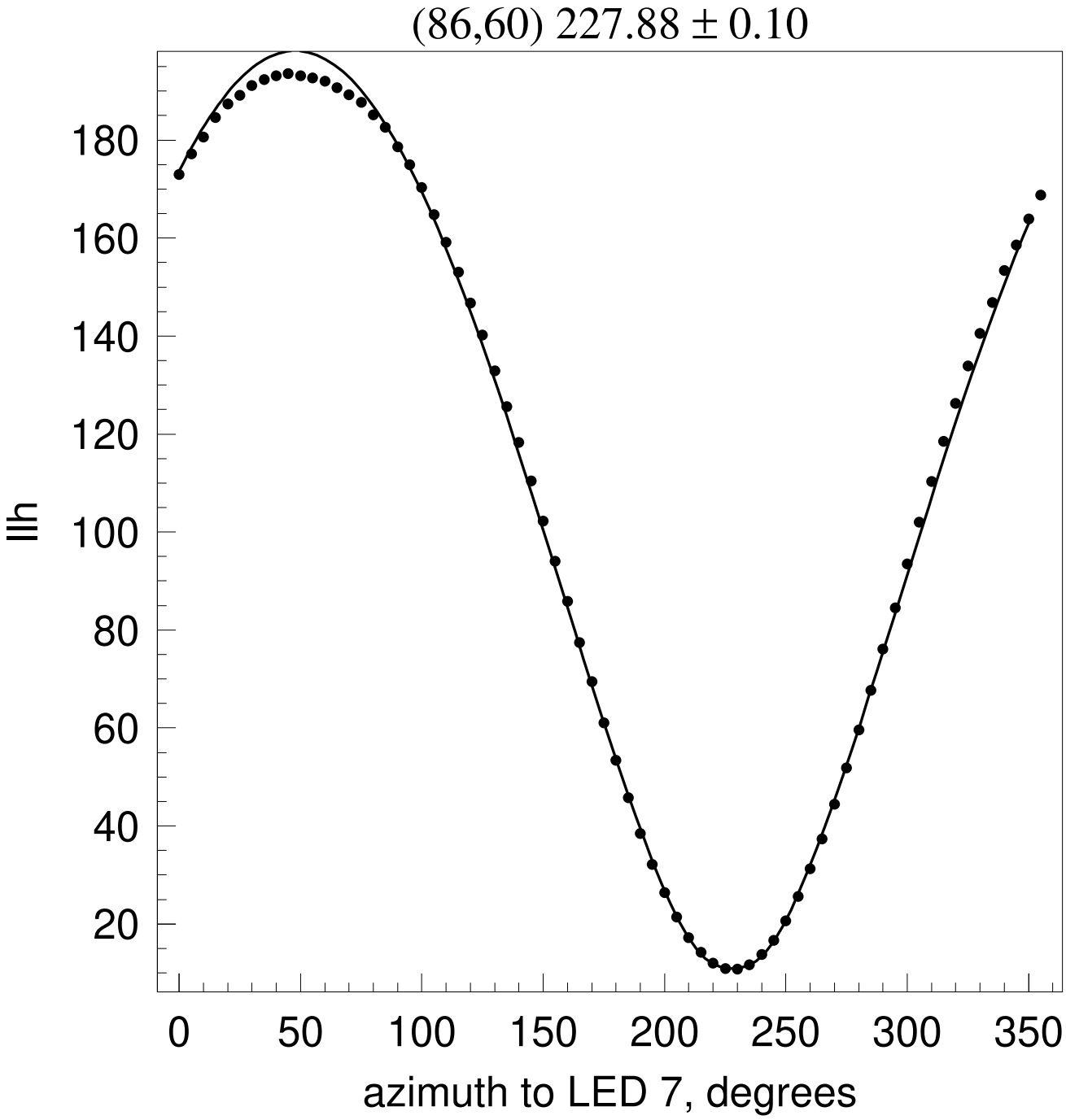

(86,55) 248.04 ± 0.13
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,56) 282.08 ± 0.09
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,57) 221.54 ± 0.12
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,58) 256.39 ± 0.19
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,59) 220.78 ± 0.11
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,60) 227.88 ± 0.10
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees