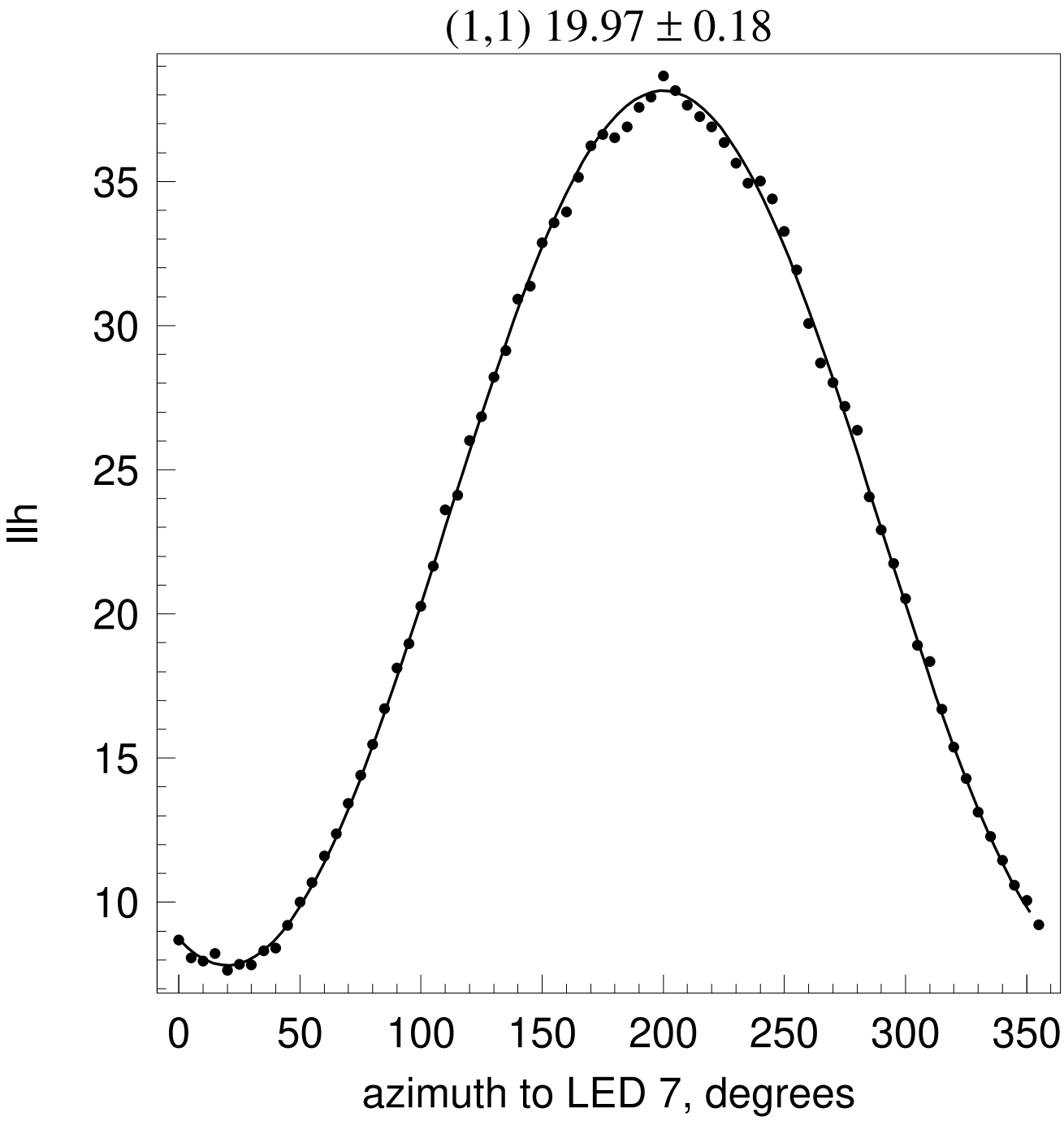
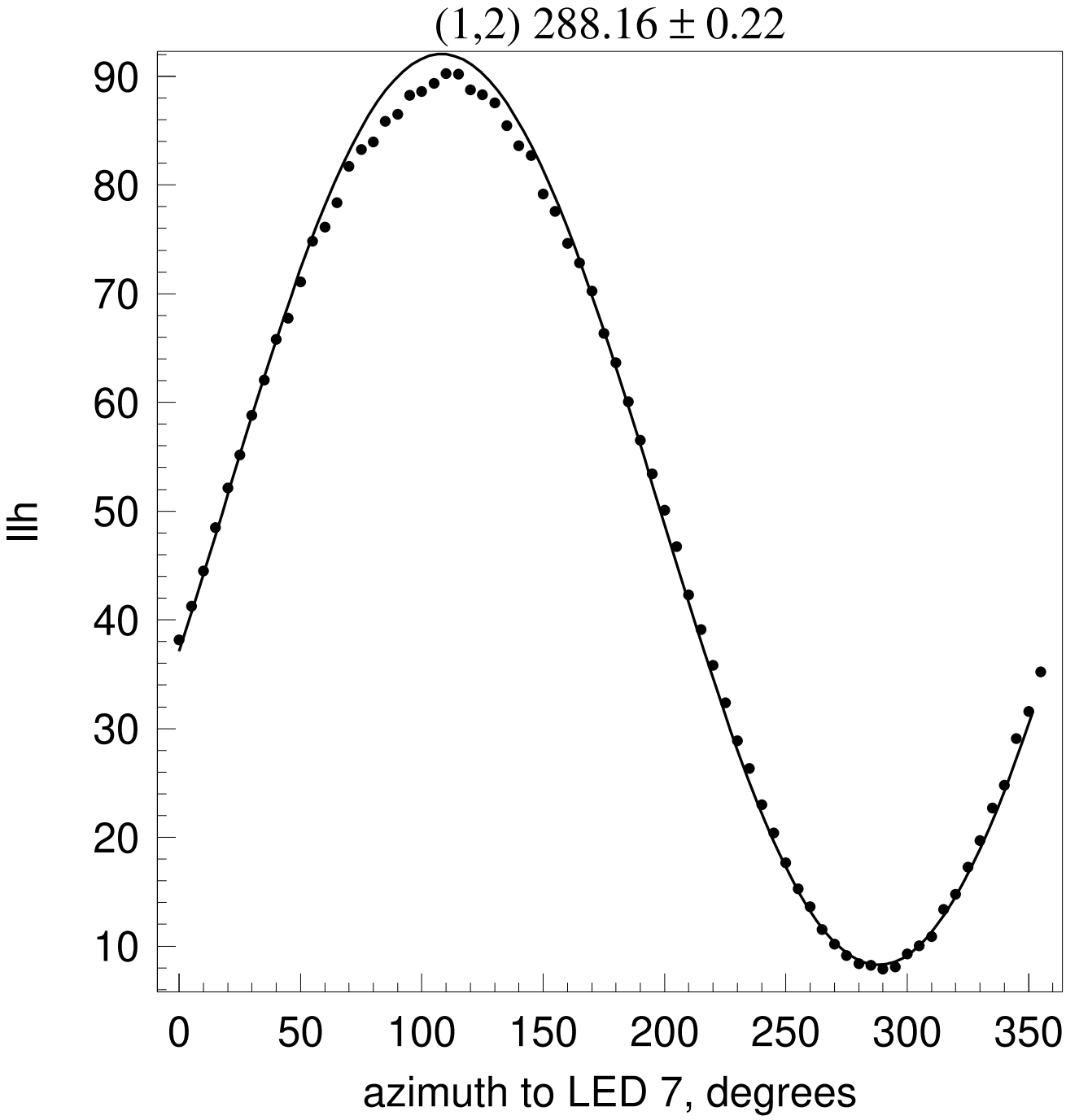
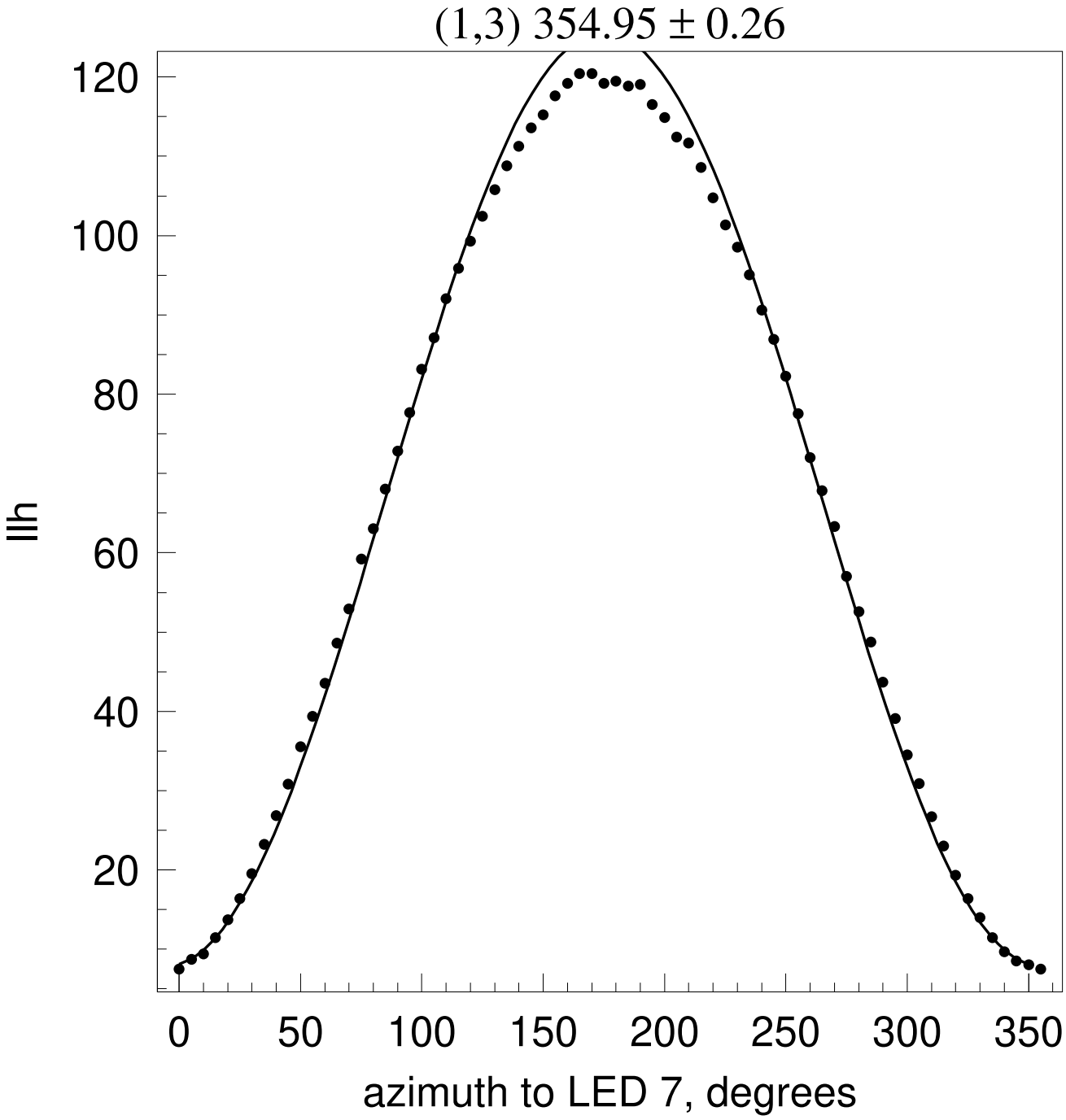
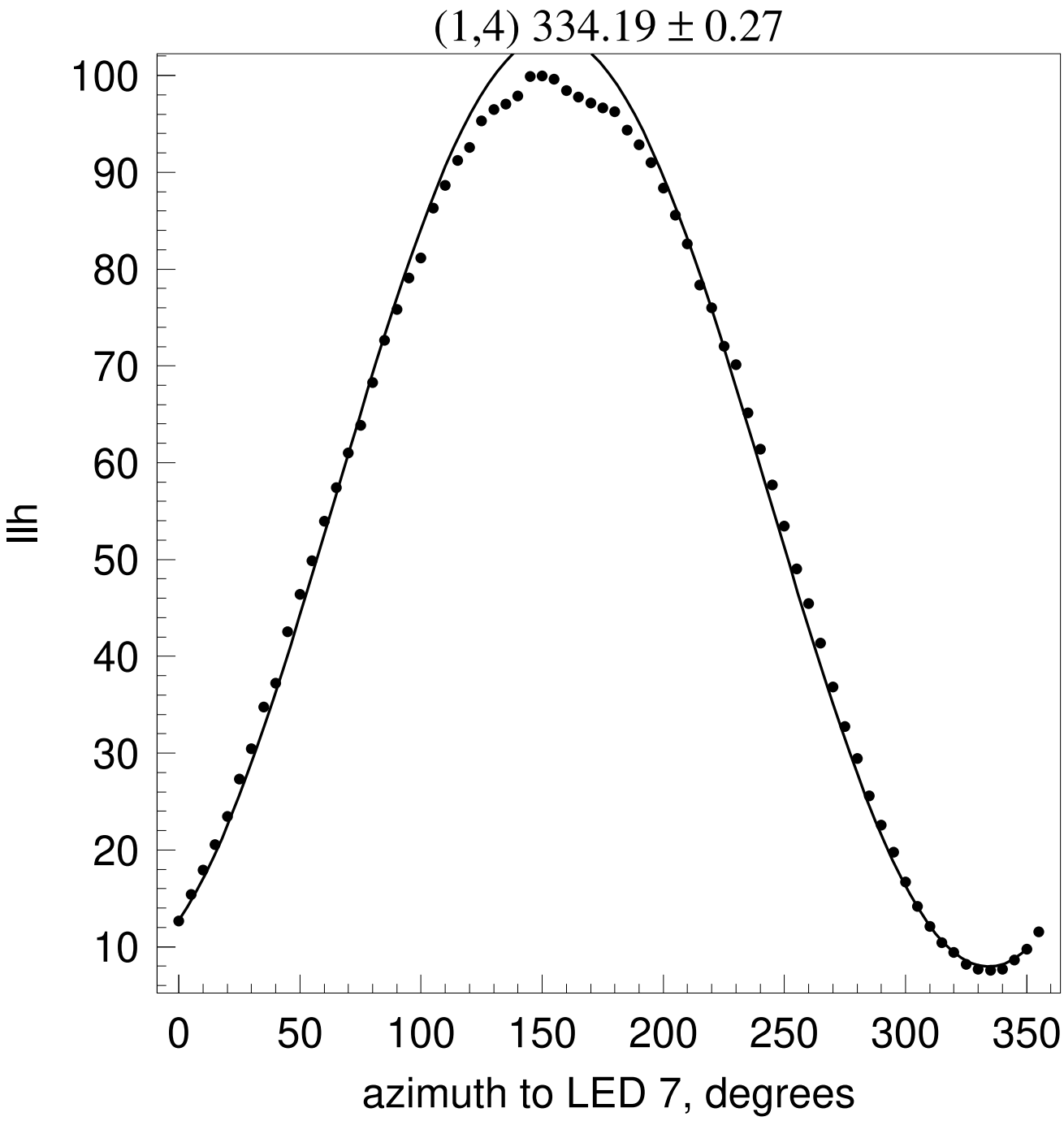
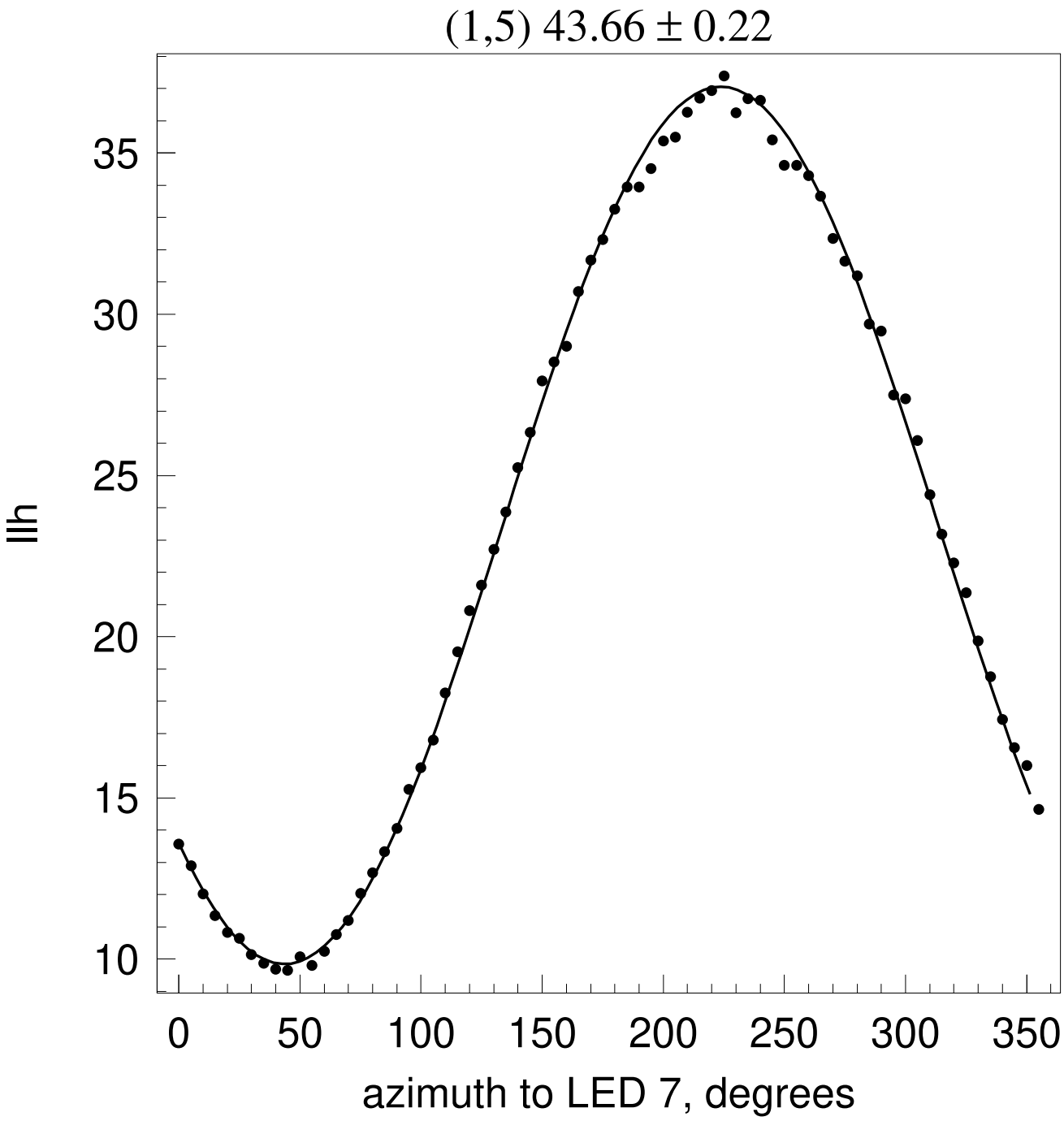
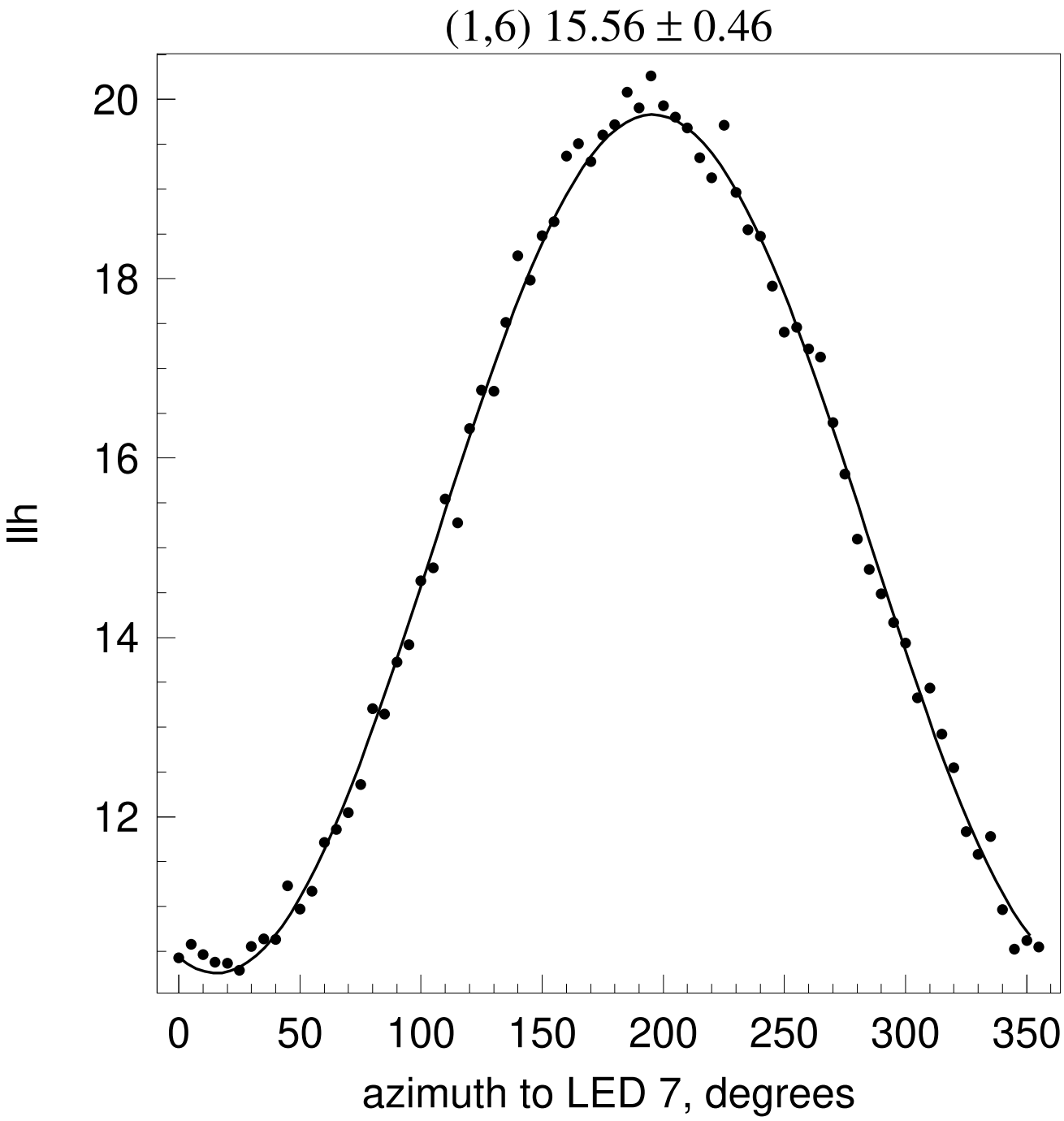

(1,1) 19.97 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

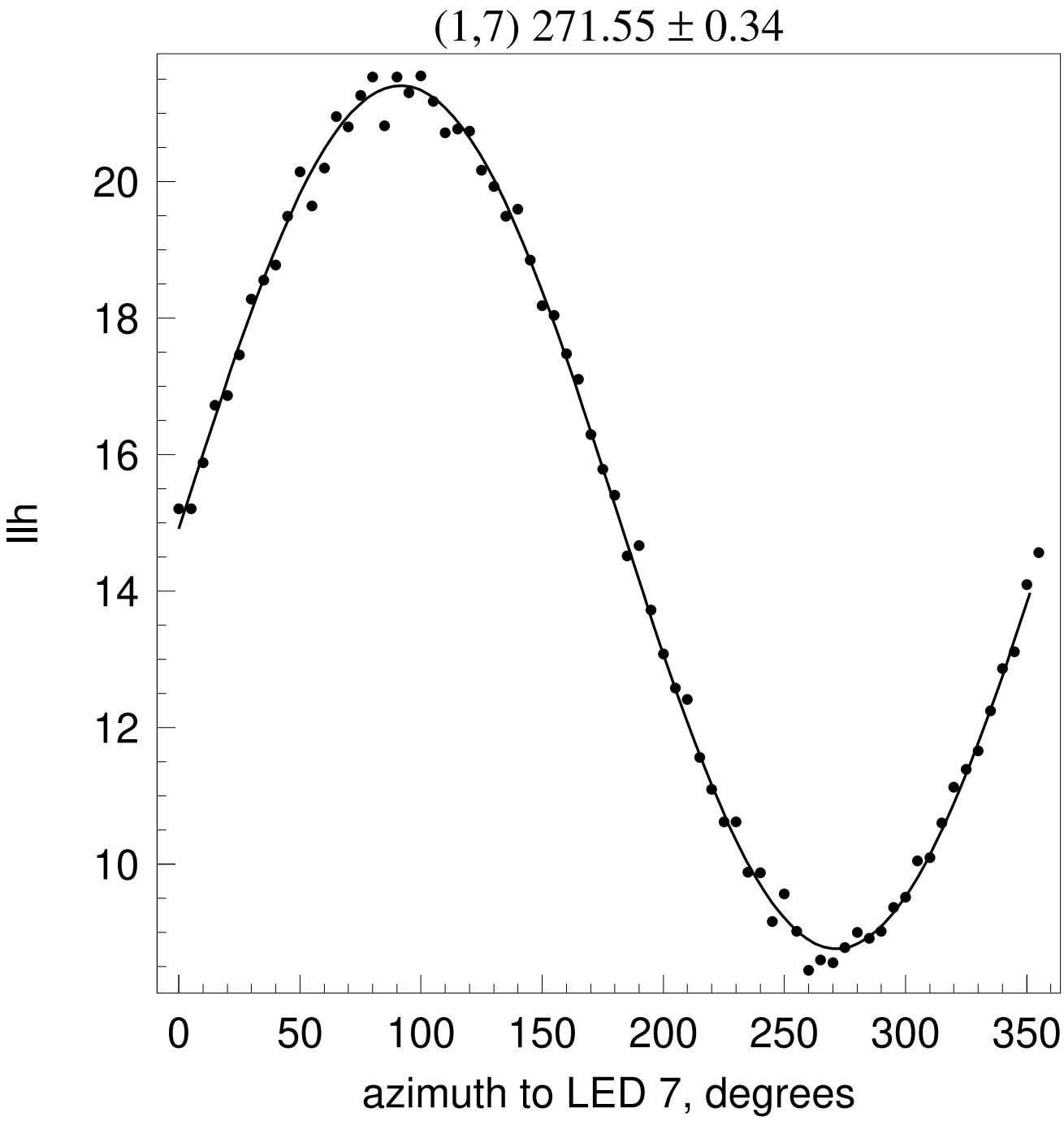

(1,2) 288.16 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

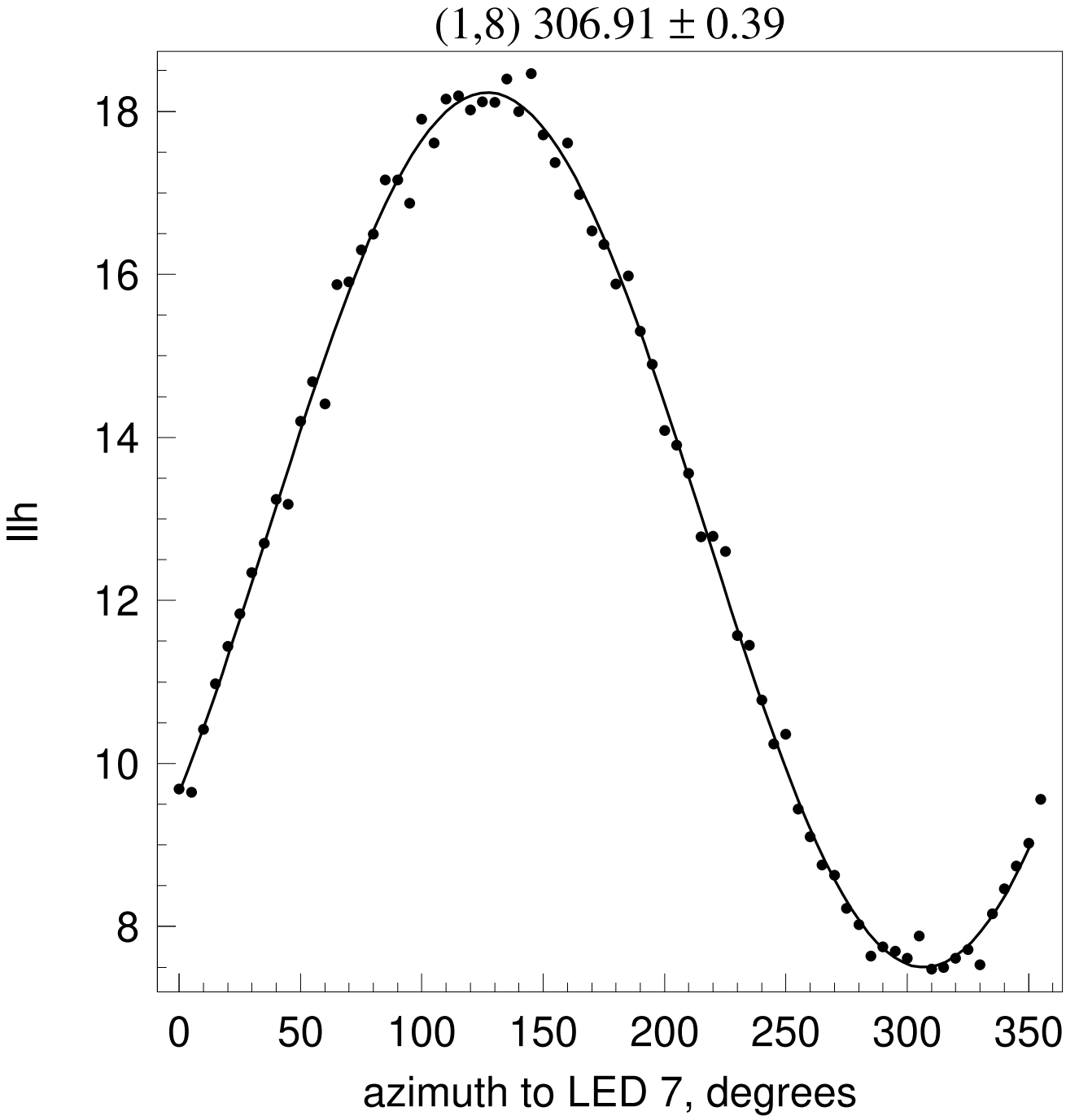

(1,3) 354.95 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

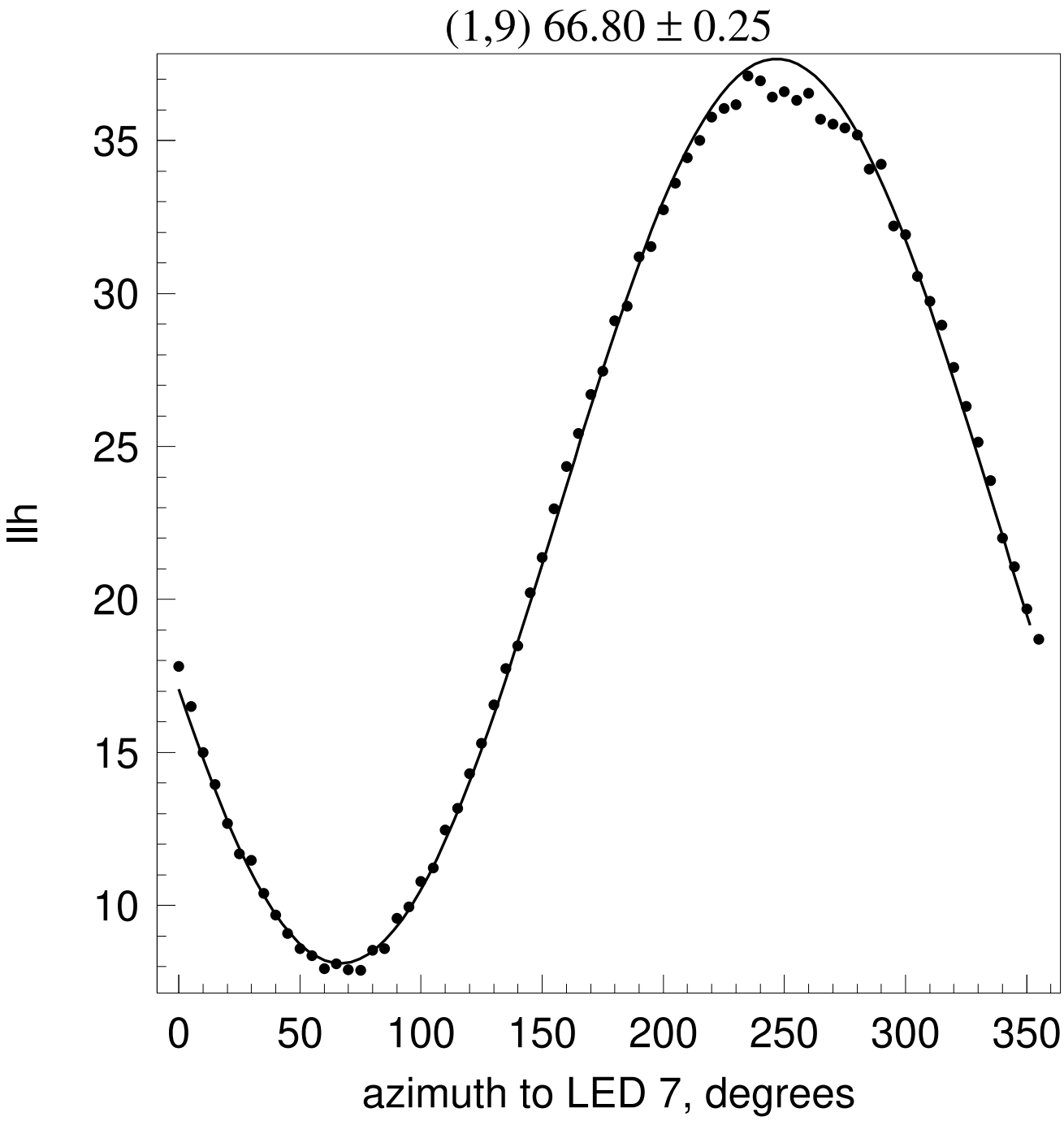

(1,4) 334.19 ± 0.27
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

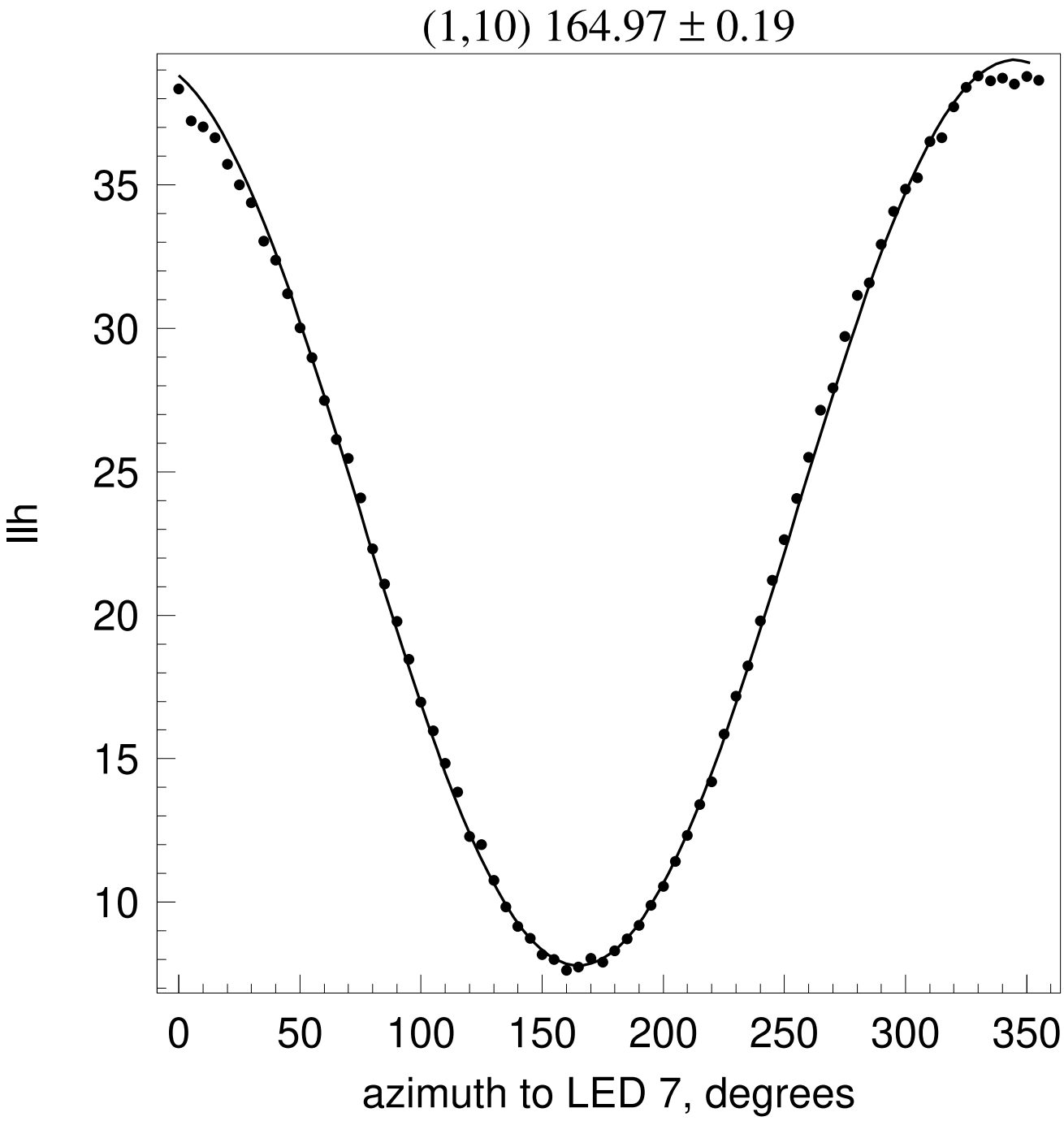

(1,5) 43.66 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

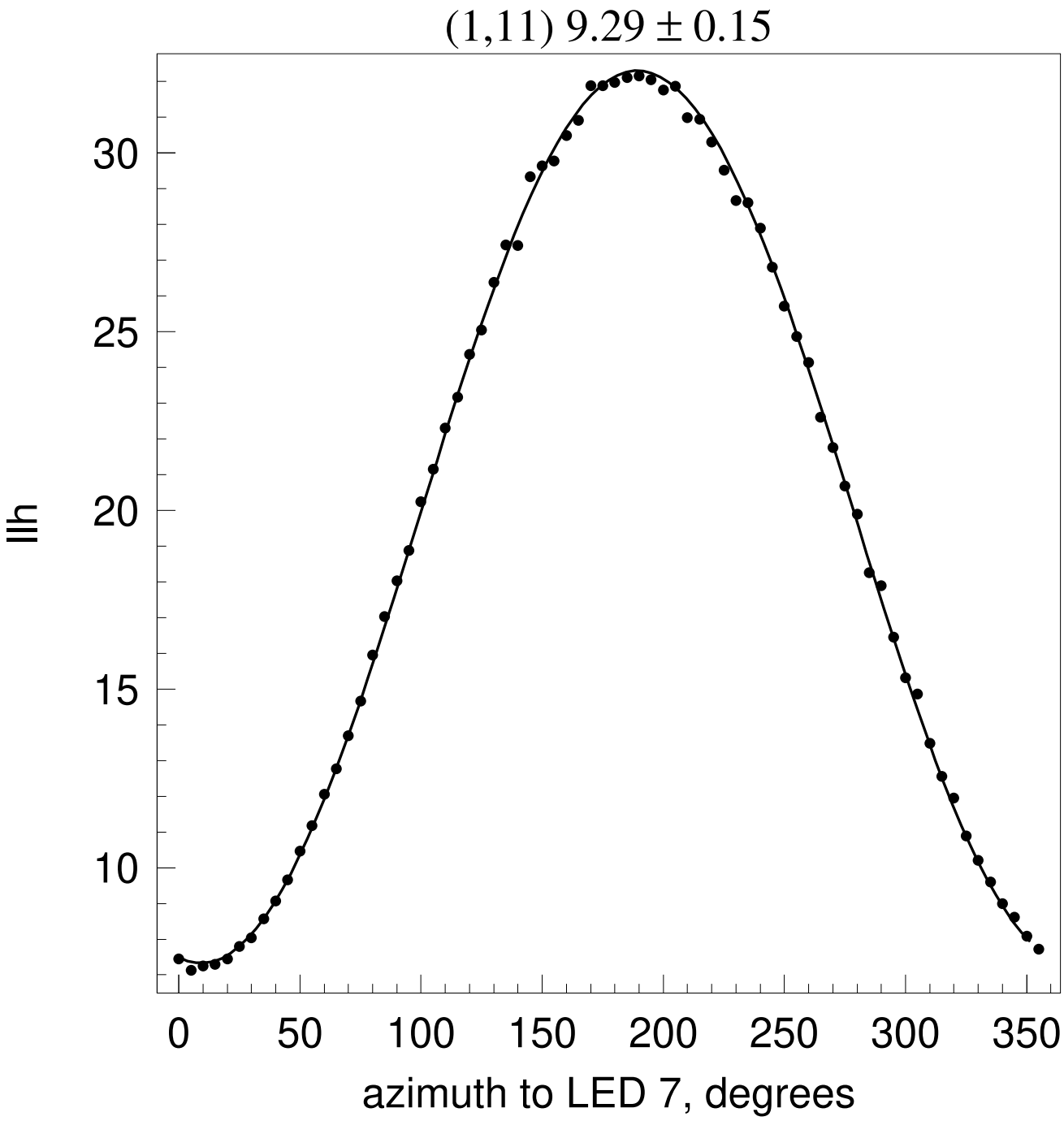

(1,6) 15.56 ± 0.46
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

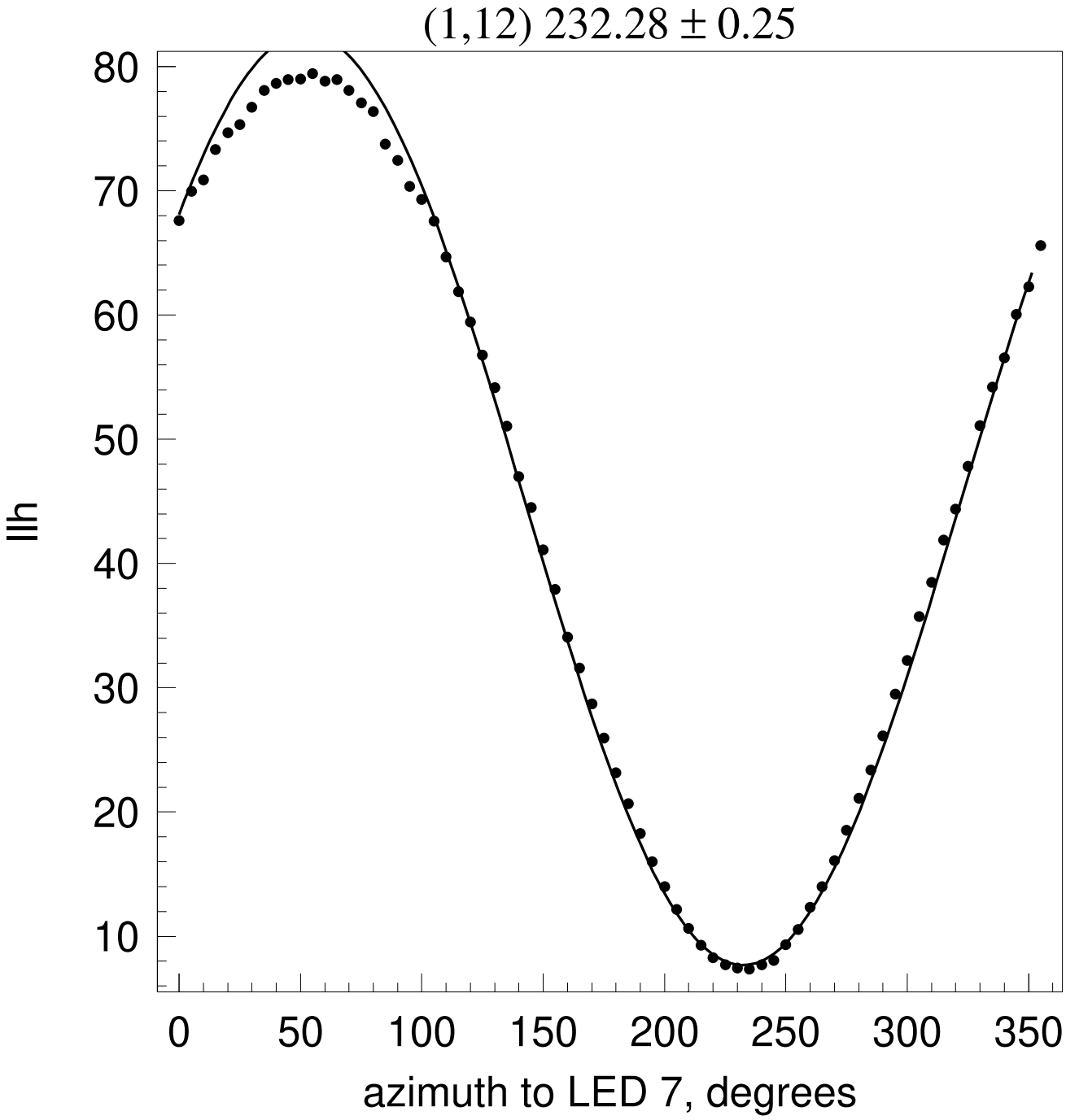

(1,7) 271.55 ± 0.34
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

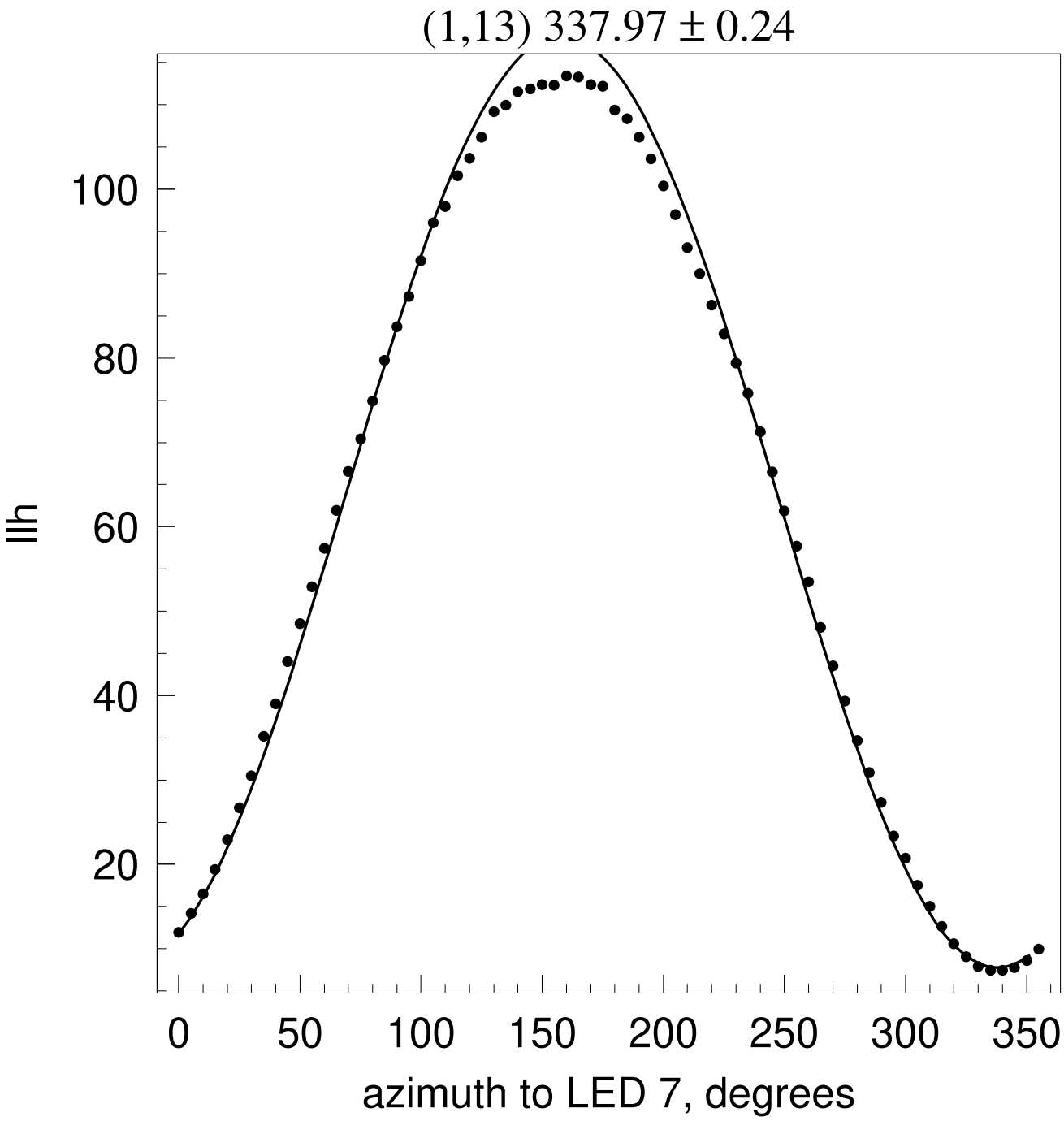

(1,8) 306.91 ± 0.39
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

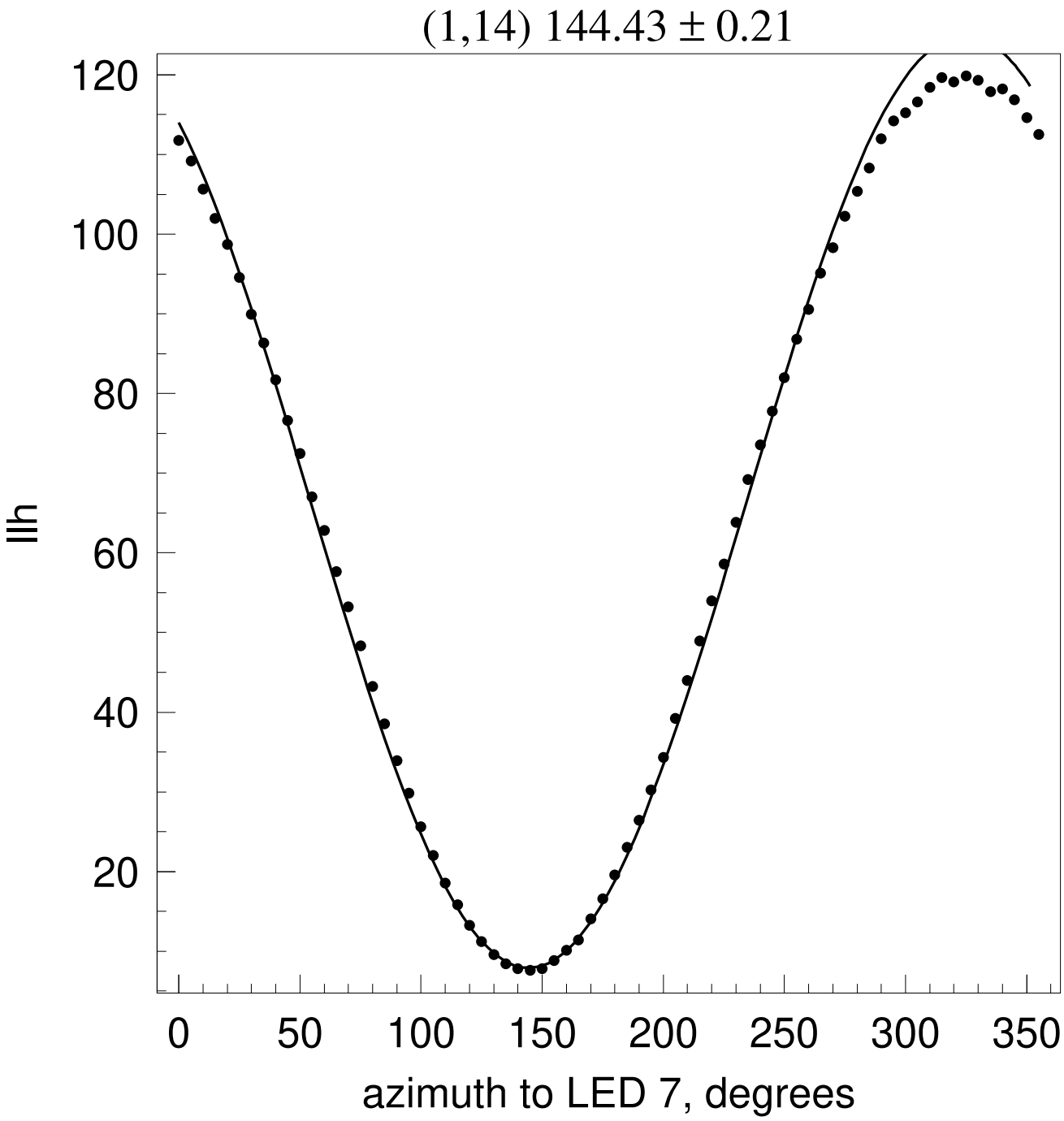

(1,9) 66.80 ± 0.25
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

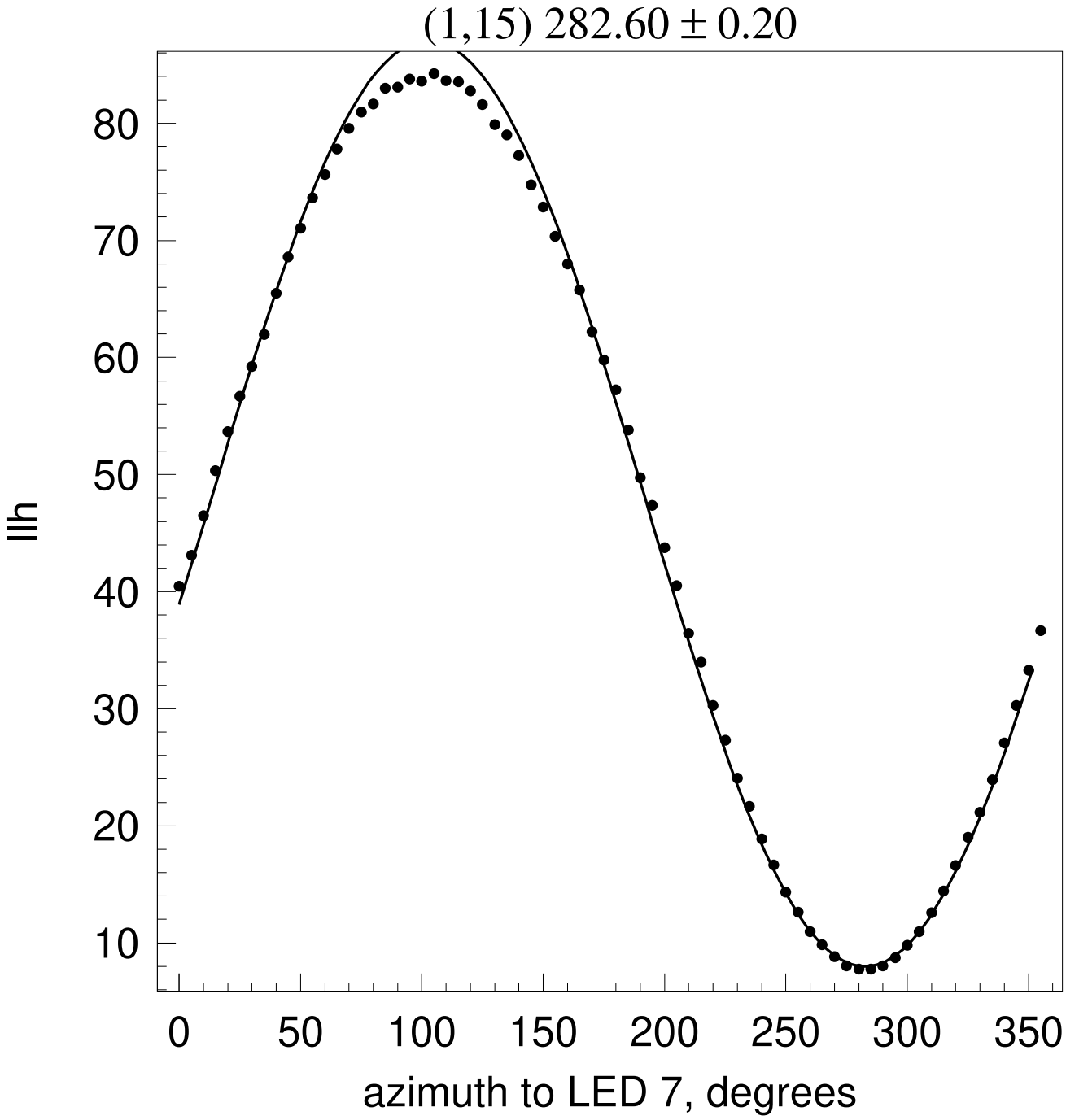

(1,10) 164.97 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

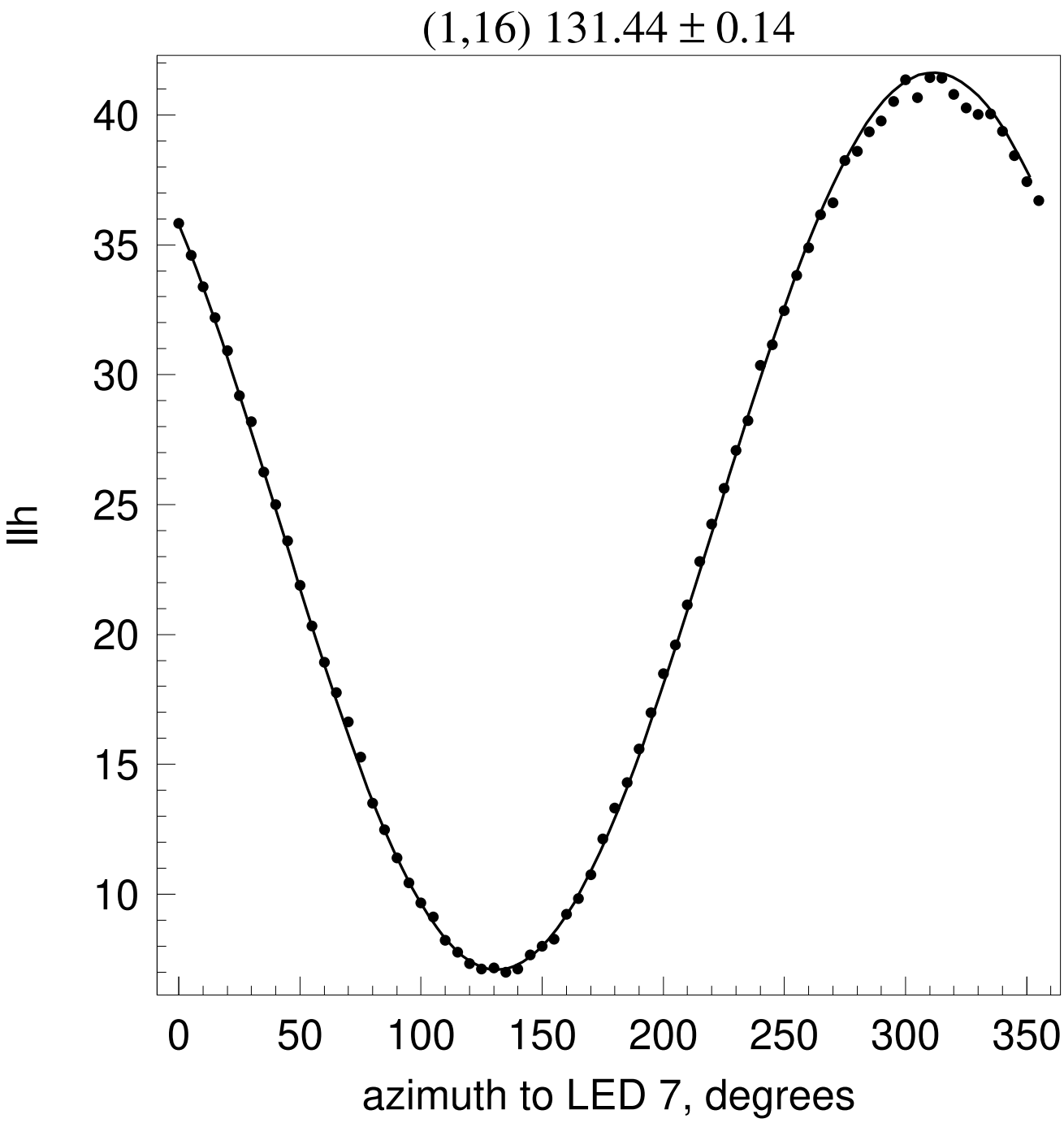

(1,11) 9.29 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

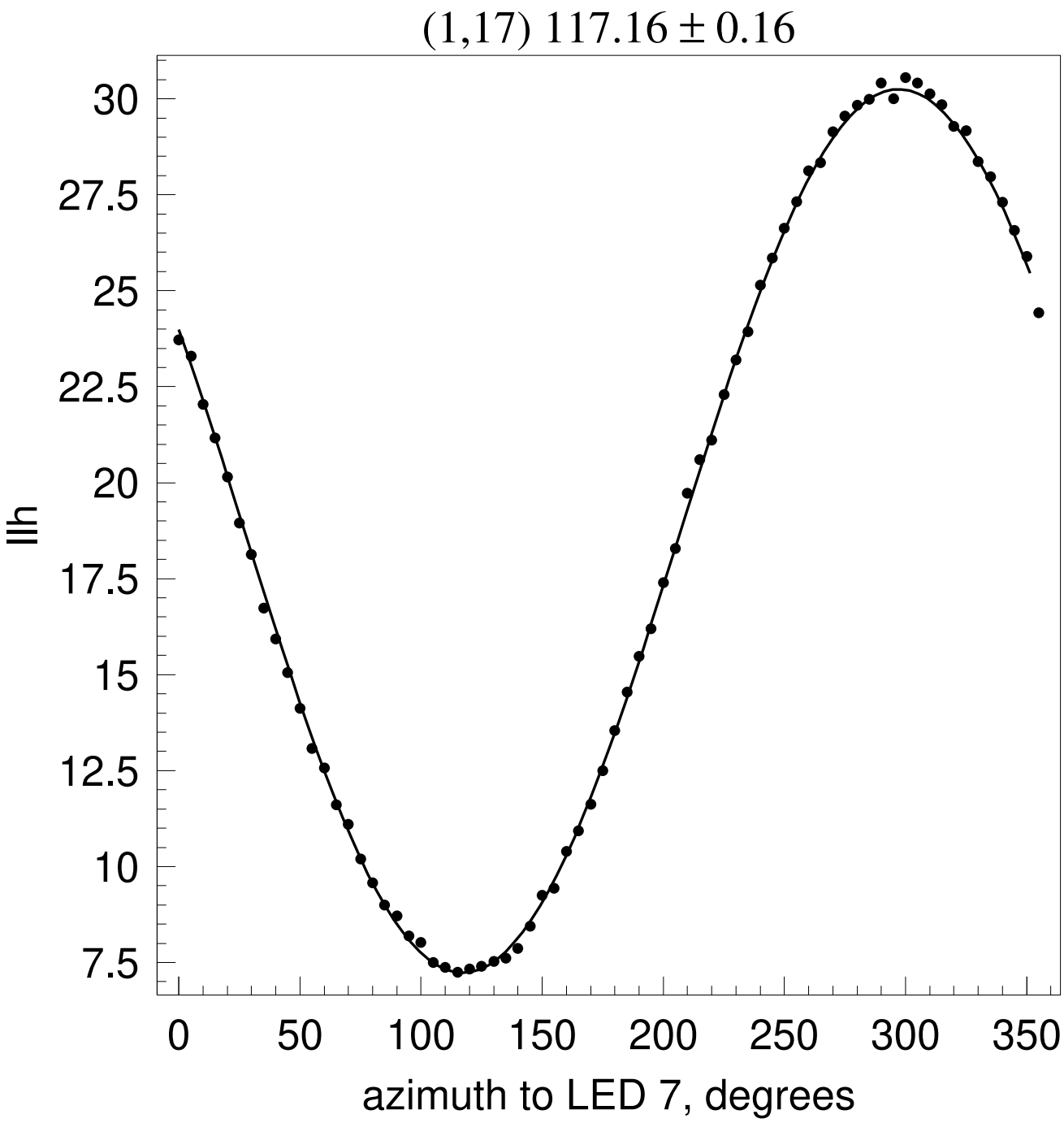

(1,12) 232.28 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

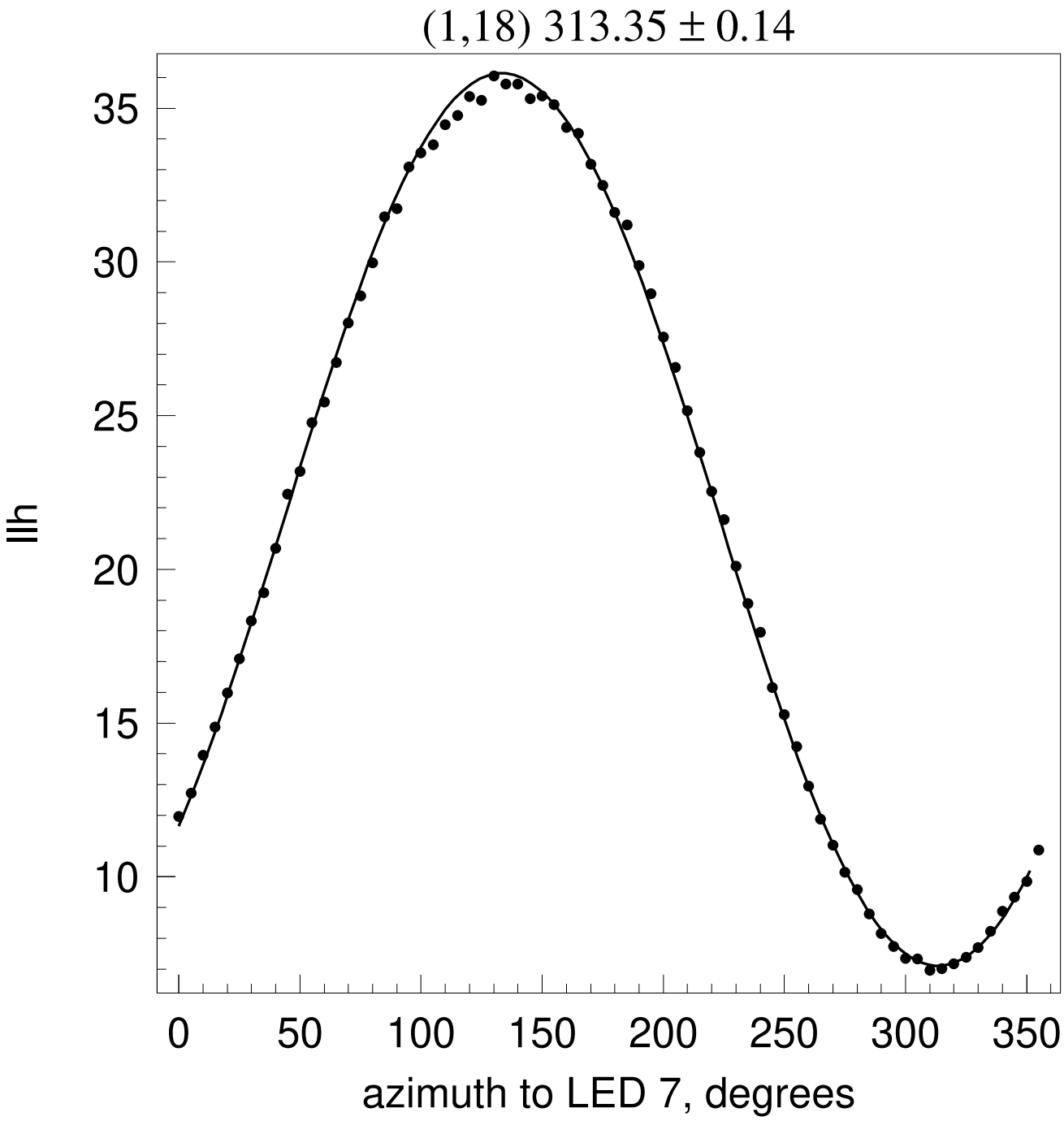

(1,13) 337.97 ± 0.24
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

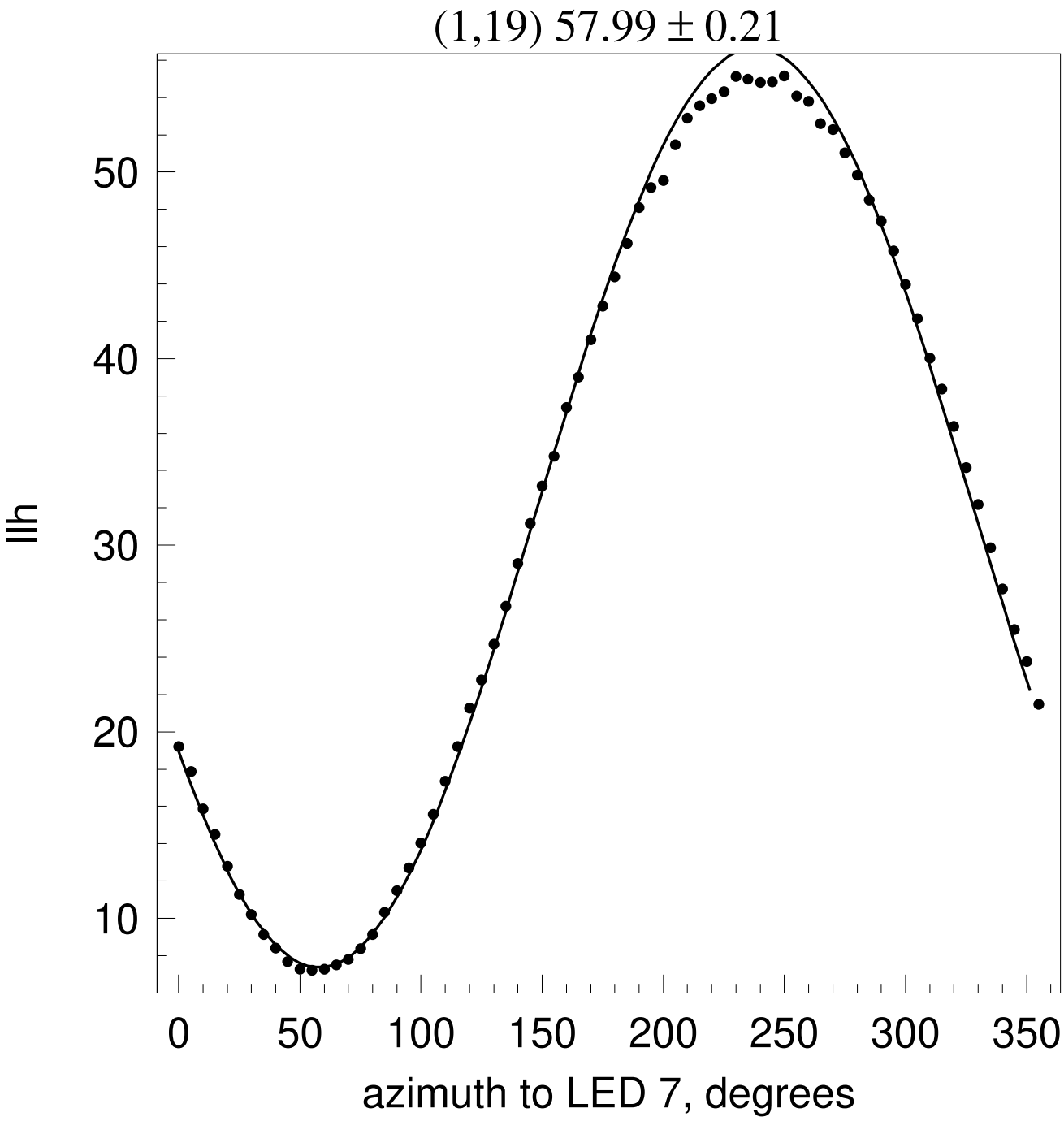

(1,14) 144.43 ± 0.21
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

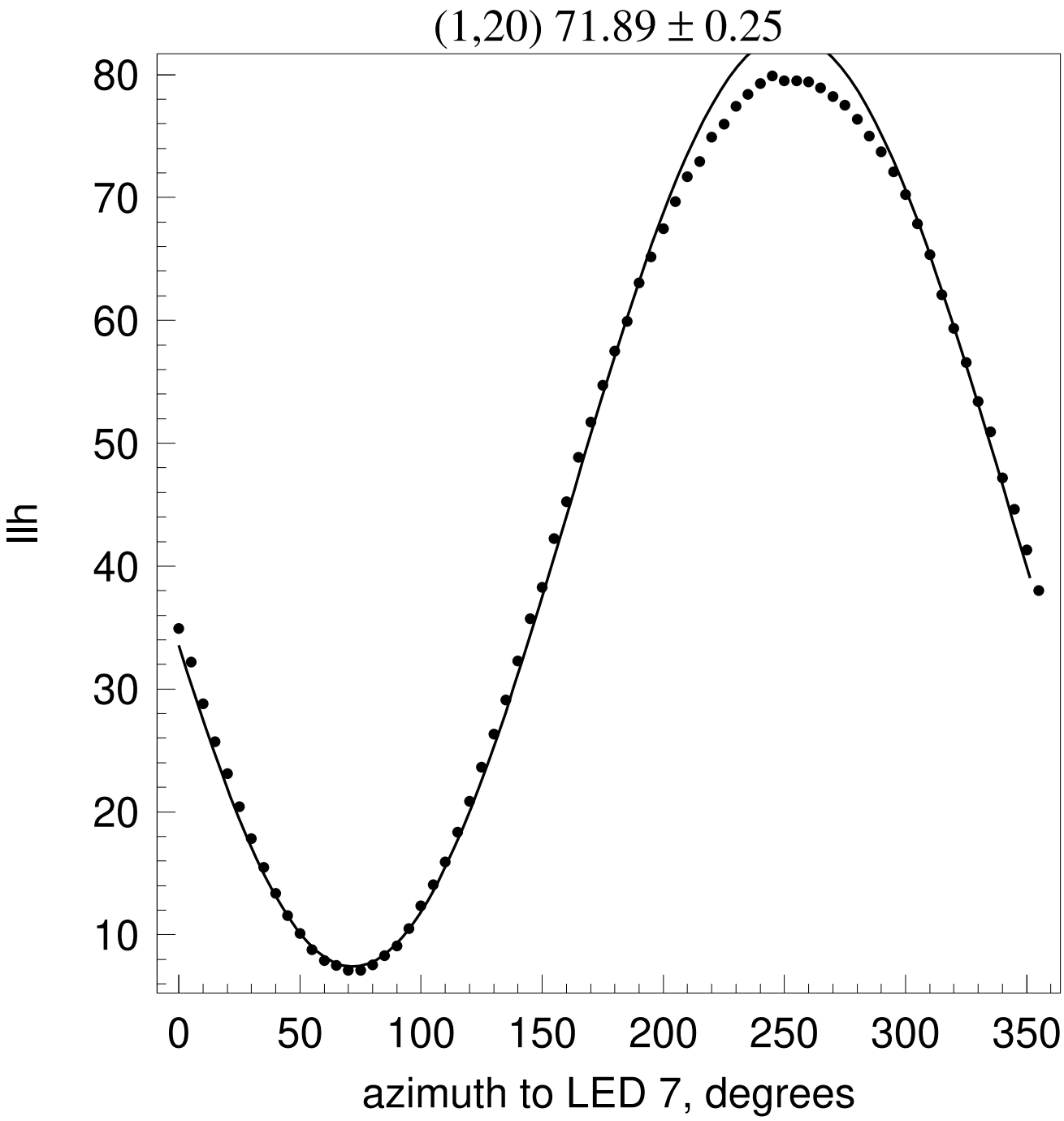

(1,15) 282.60 ± 0.20
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

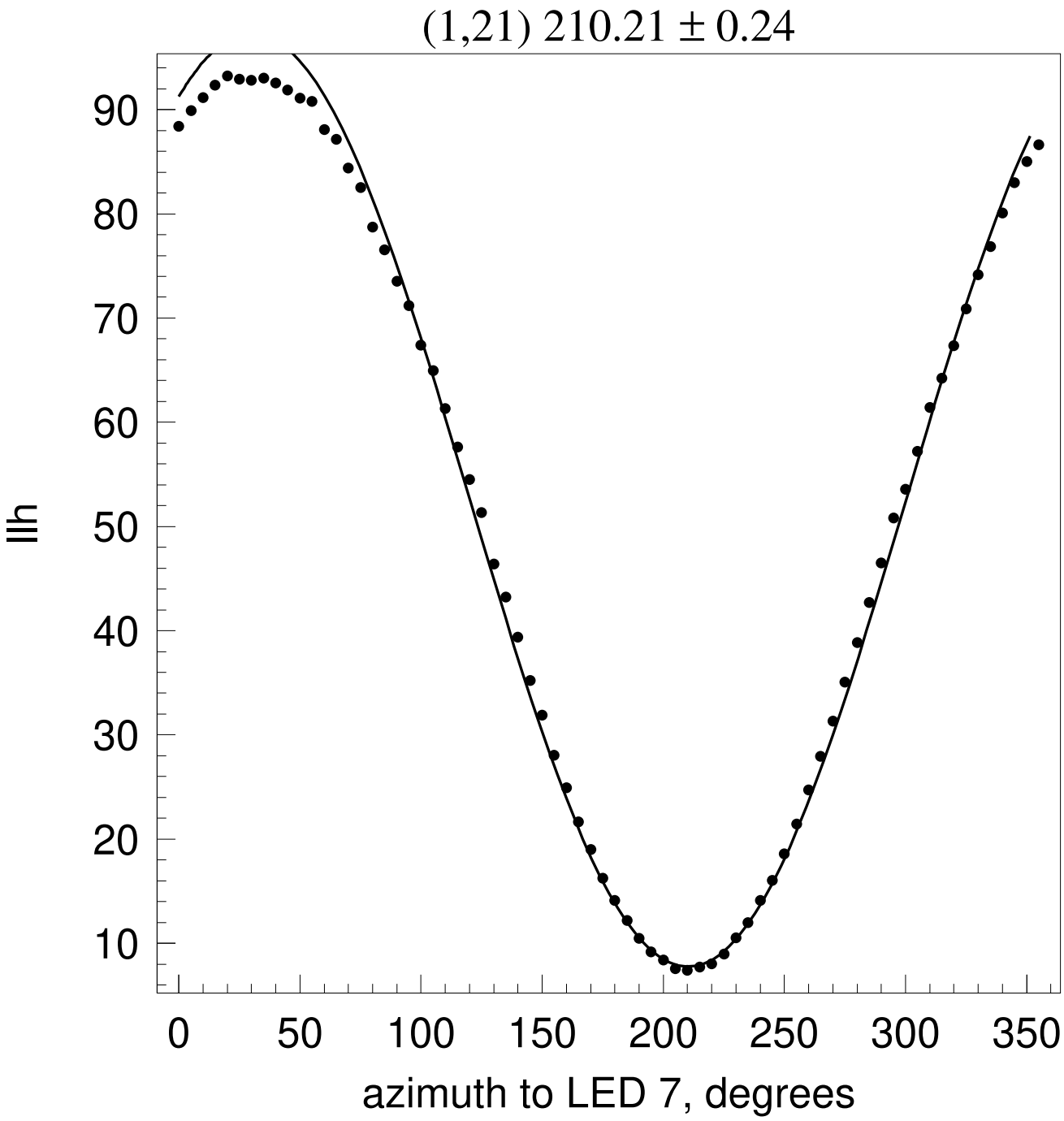

(1,16) 131.44 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

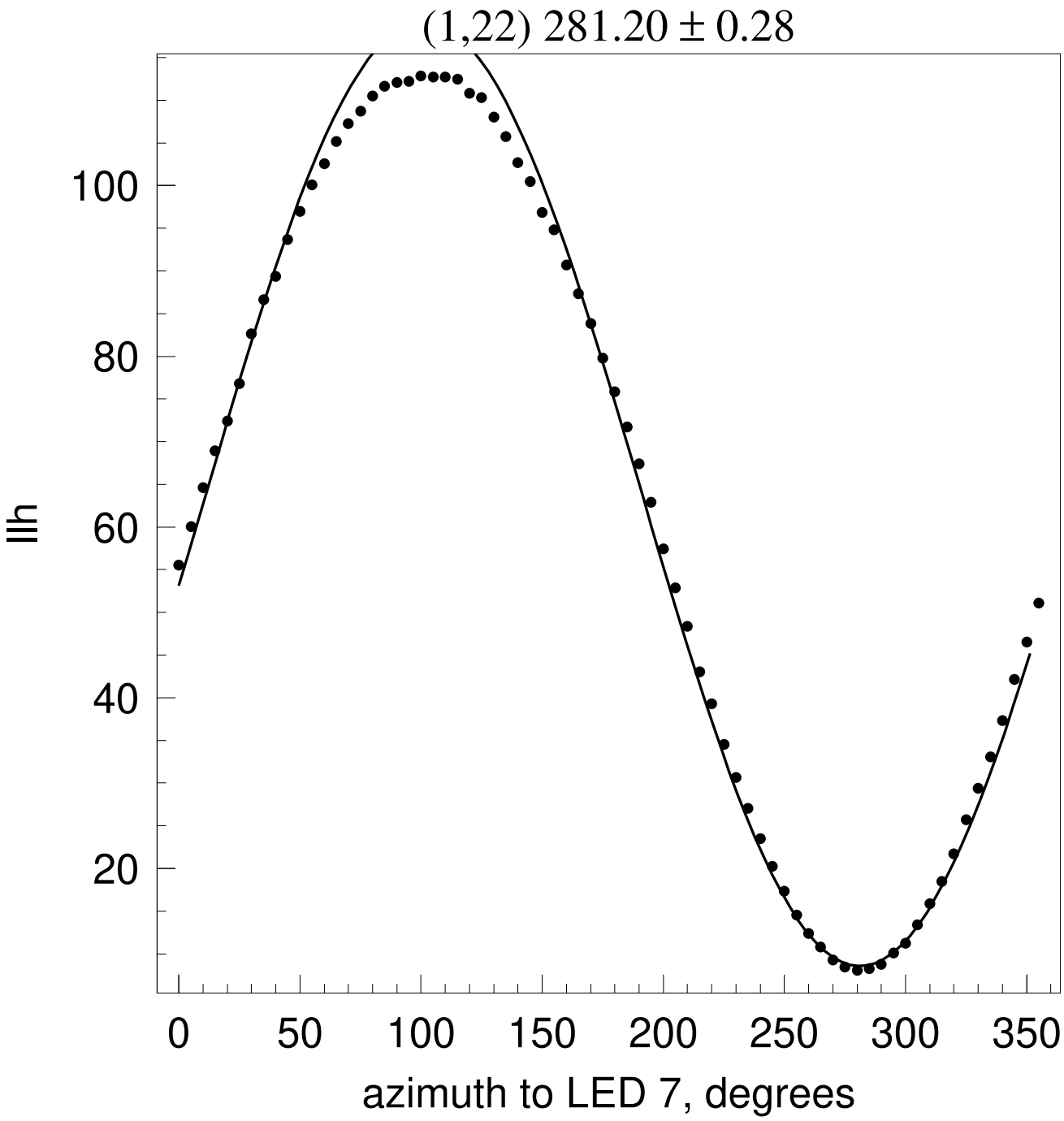

(1,17) 117.16 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

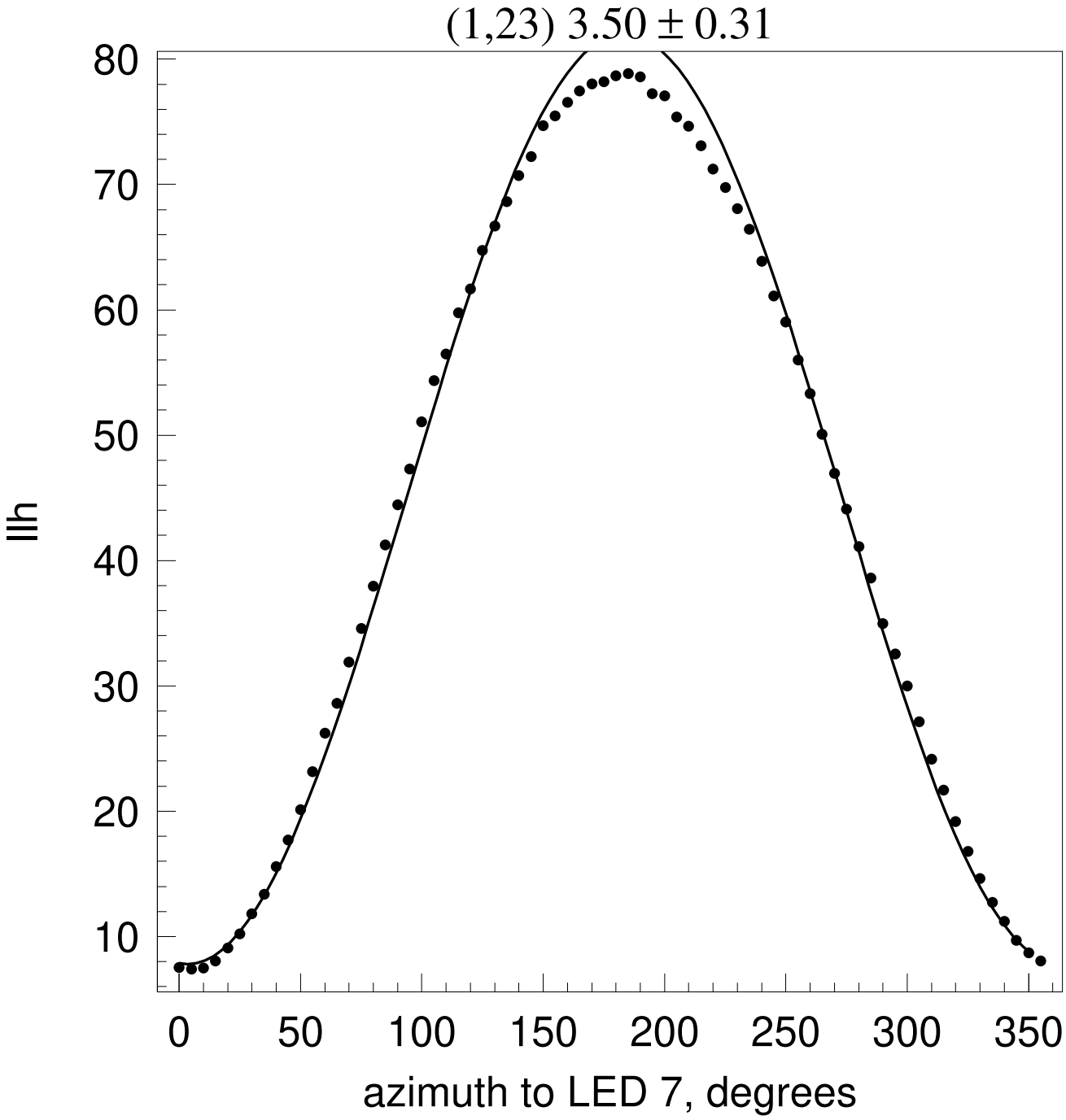

(1,18) 313.35 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

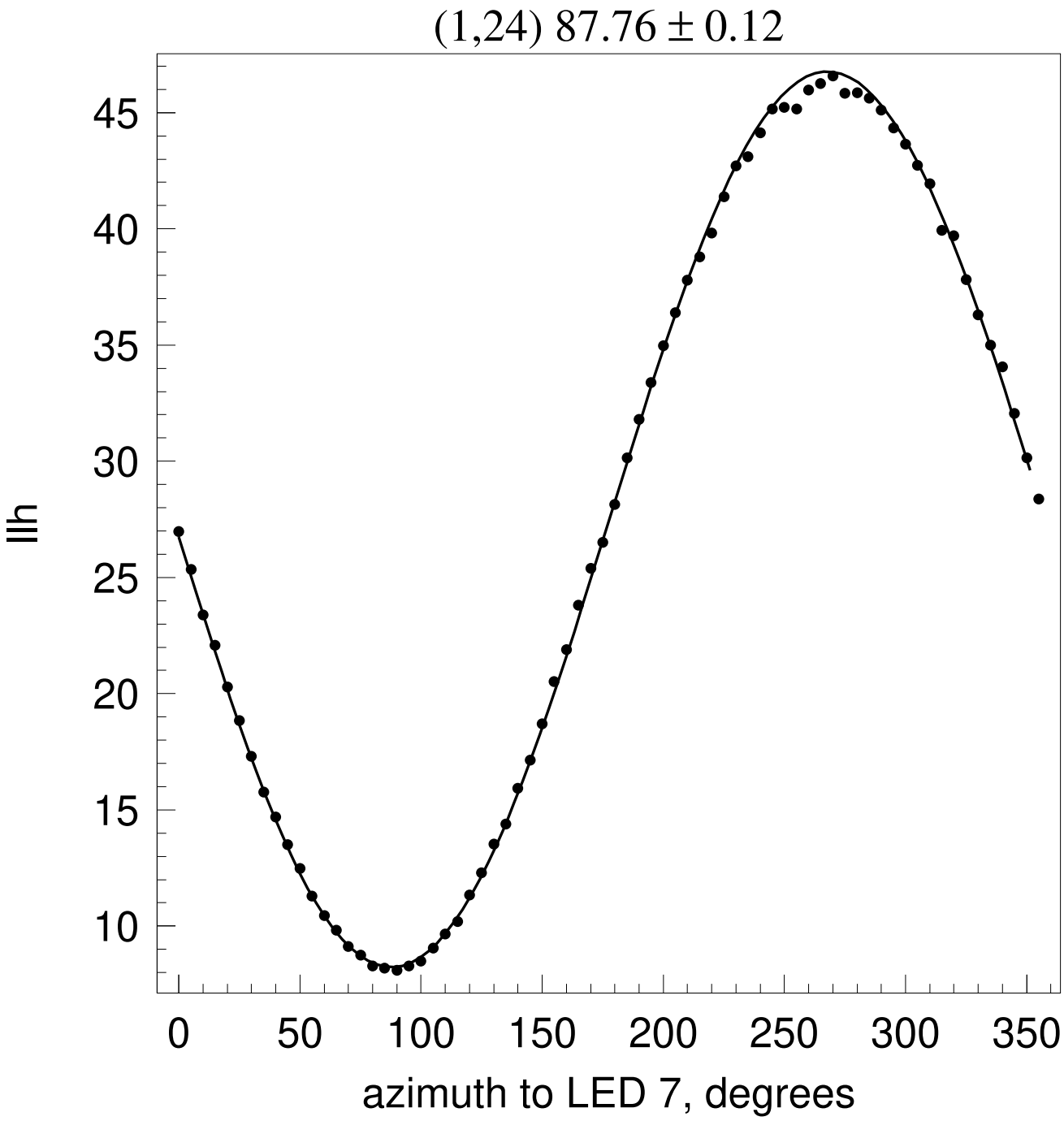

(1,19) 57.99 ± 0.21
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

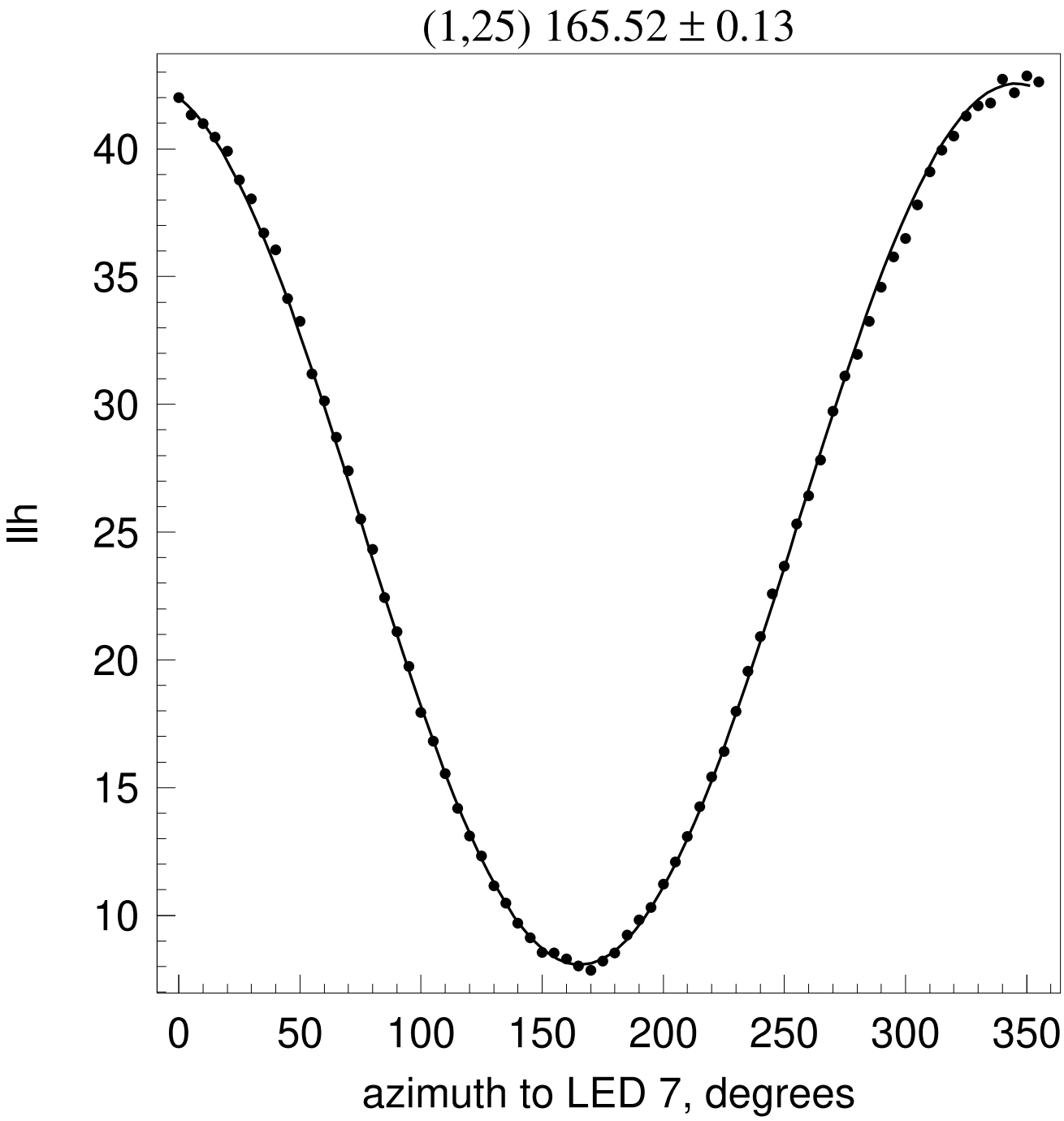

(1,20) 71.89 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

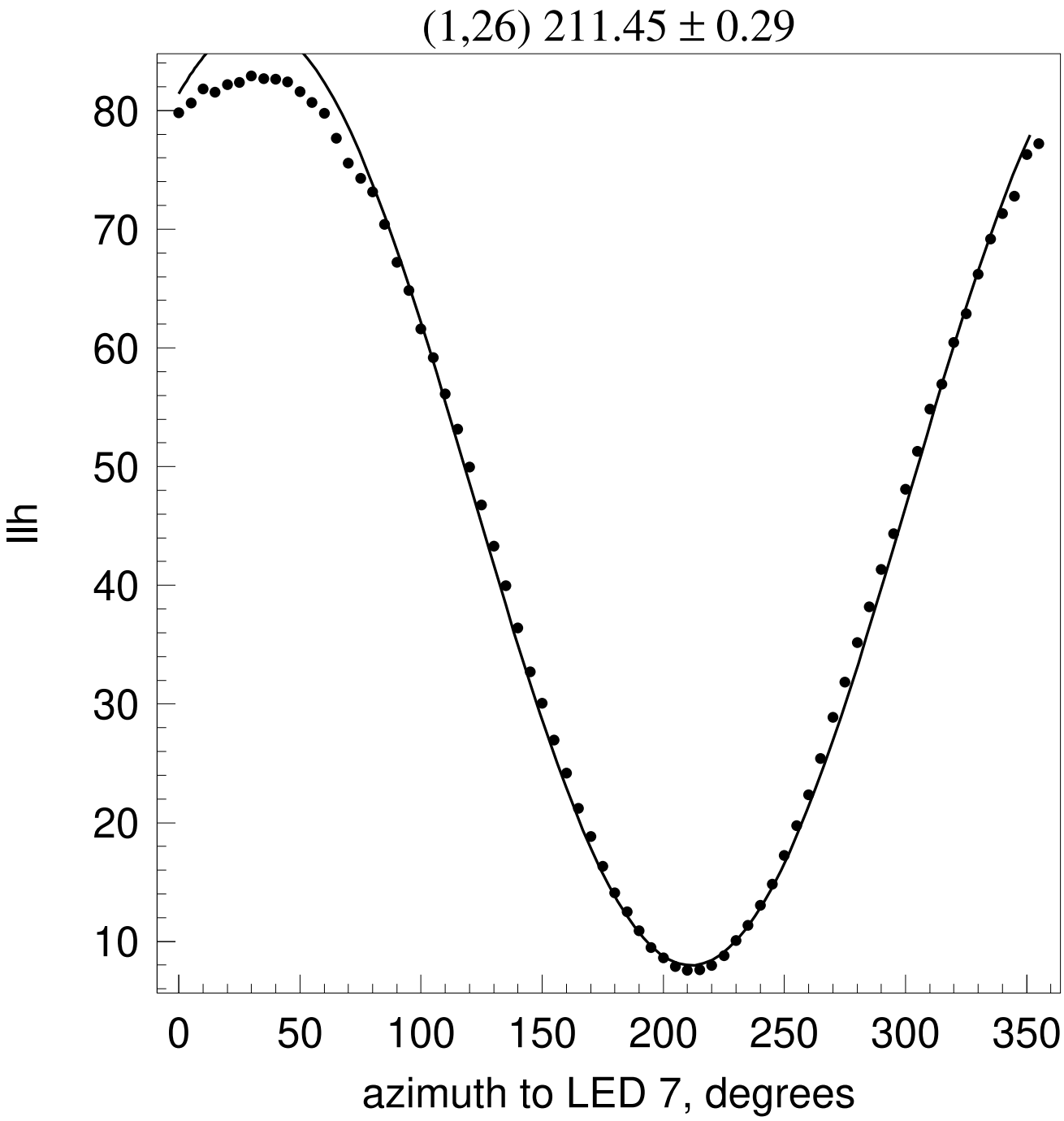

(1,21) 210.21 ± 0.24
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

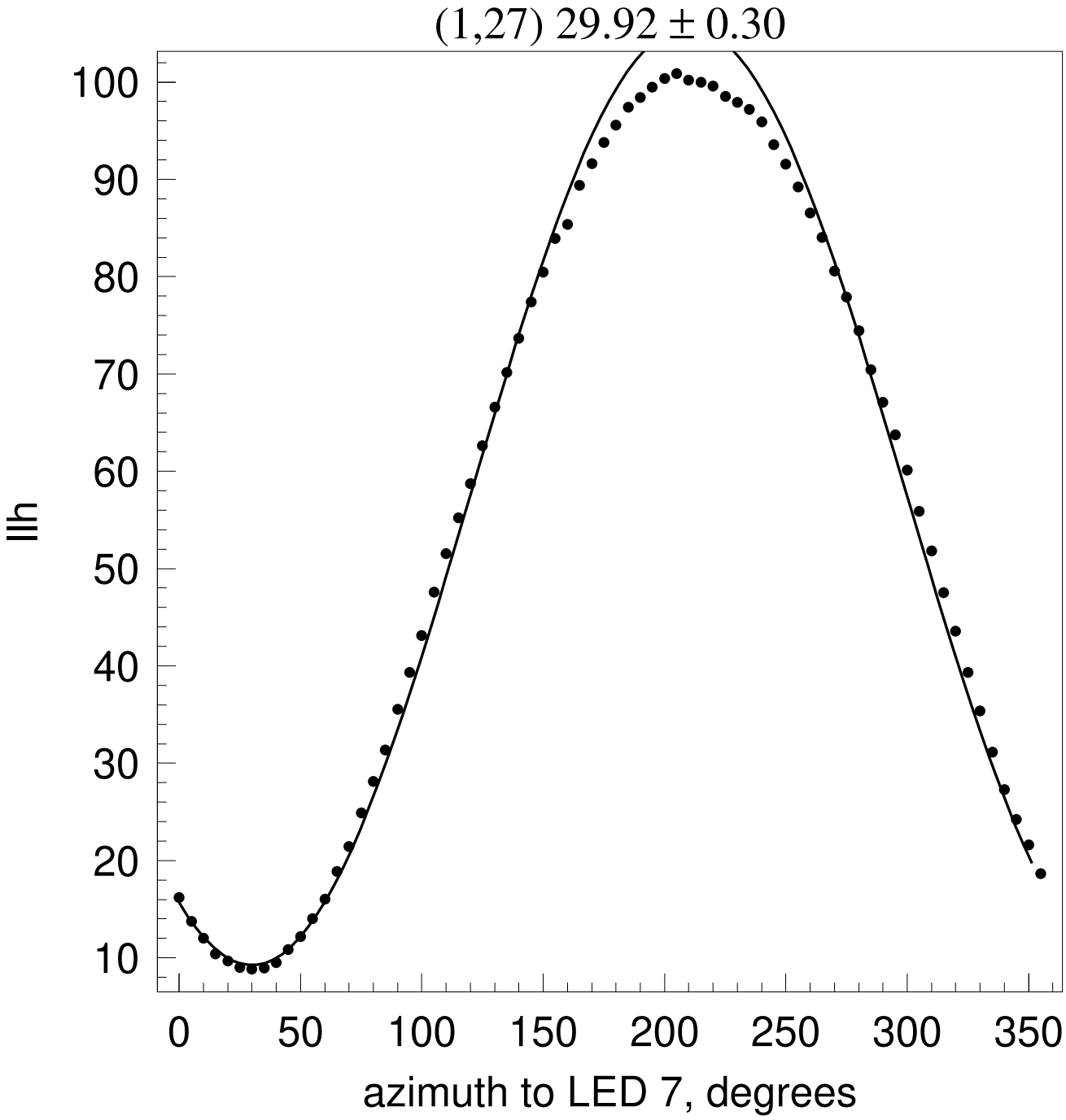

(1,22) 281.20 ± 0.28
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

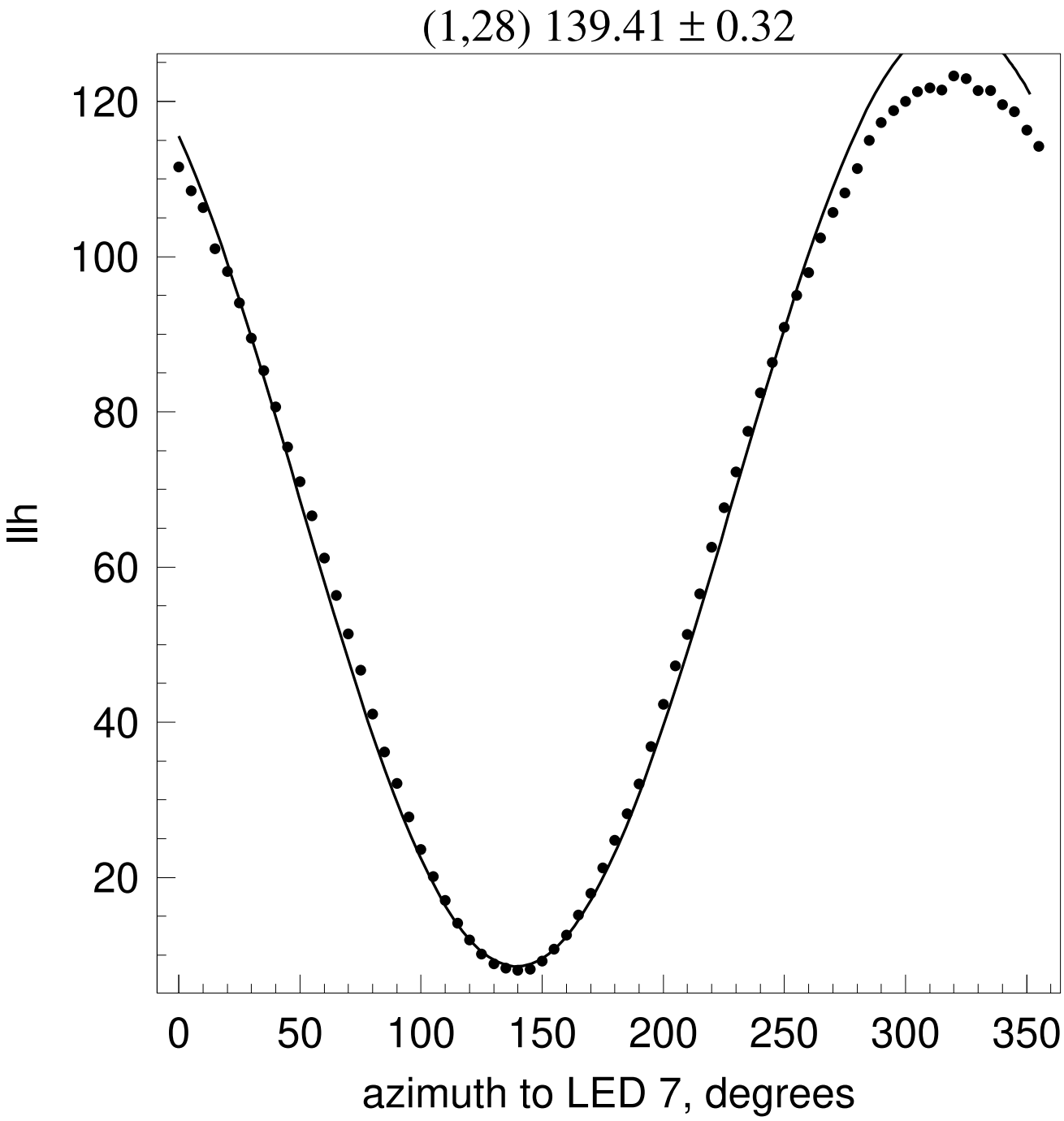

(1,23) 3.50 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

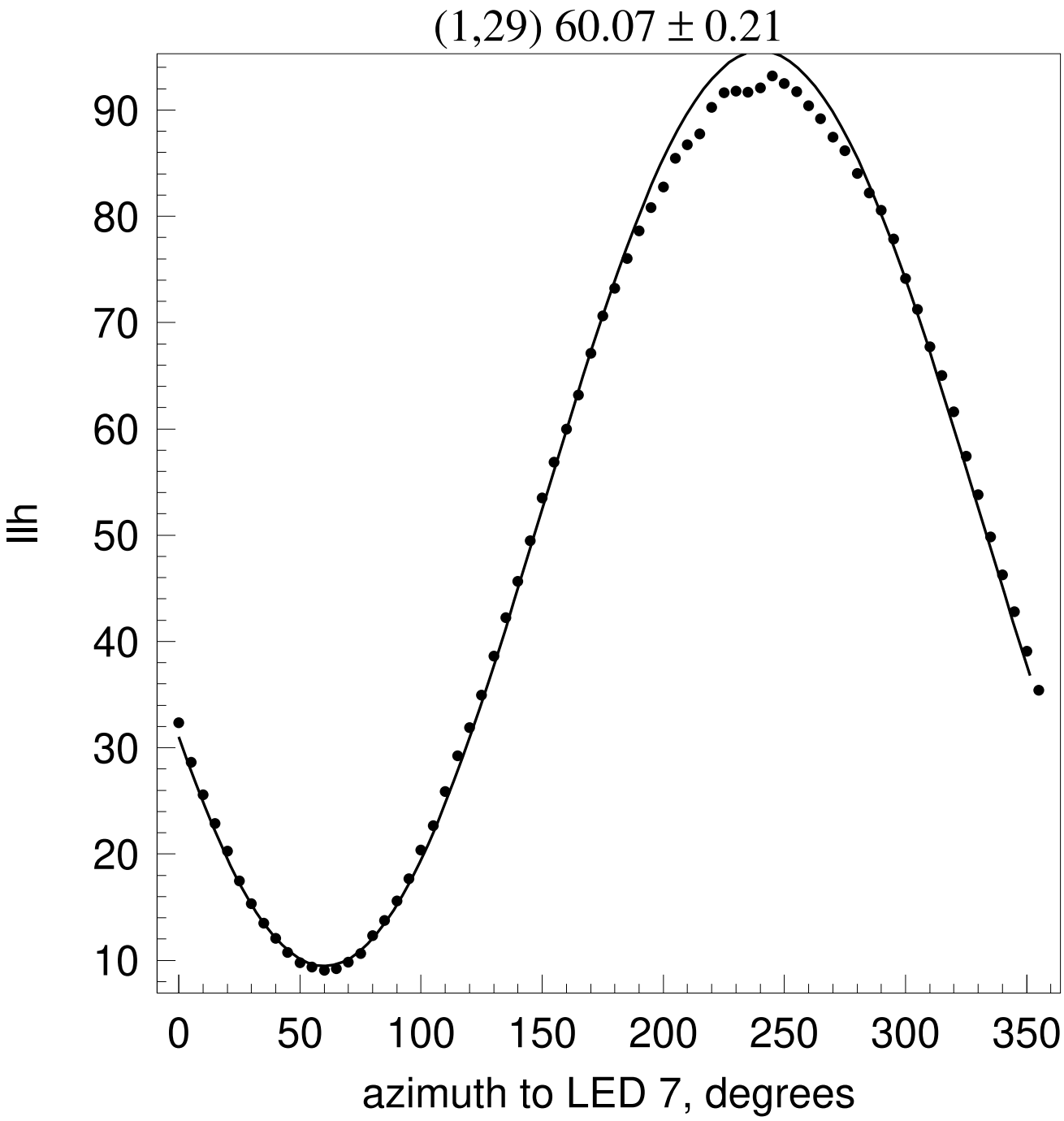

(1,24) 87.76 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

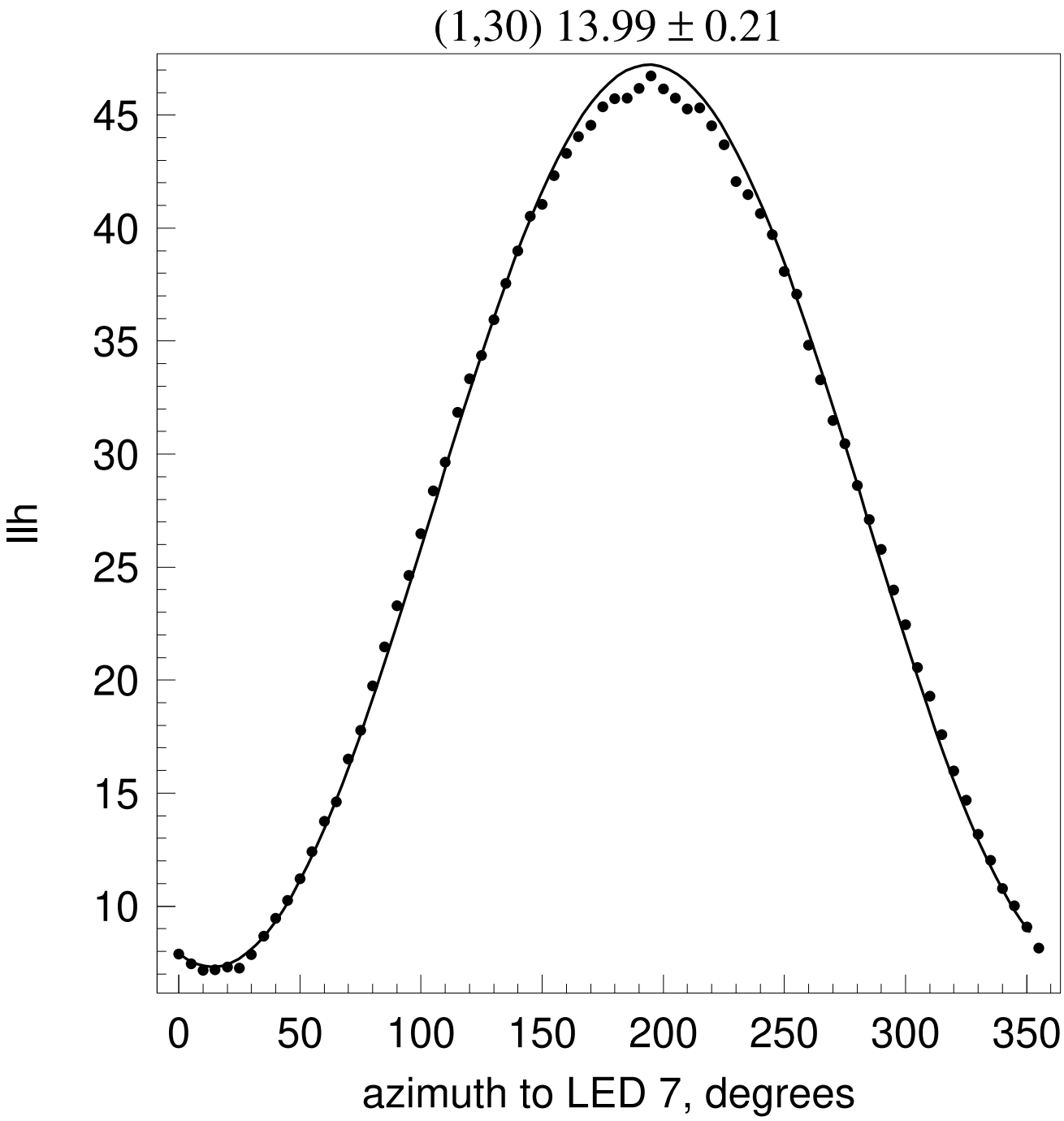

(1,25) 165.52 ± 0.13
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

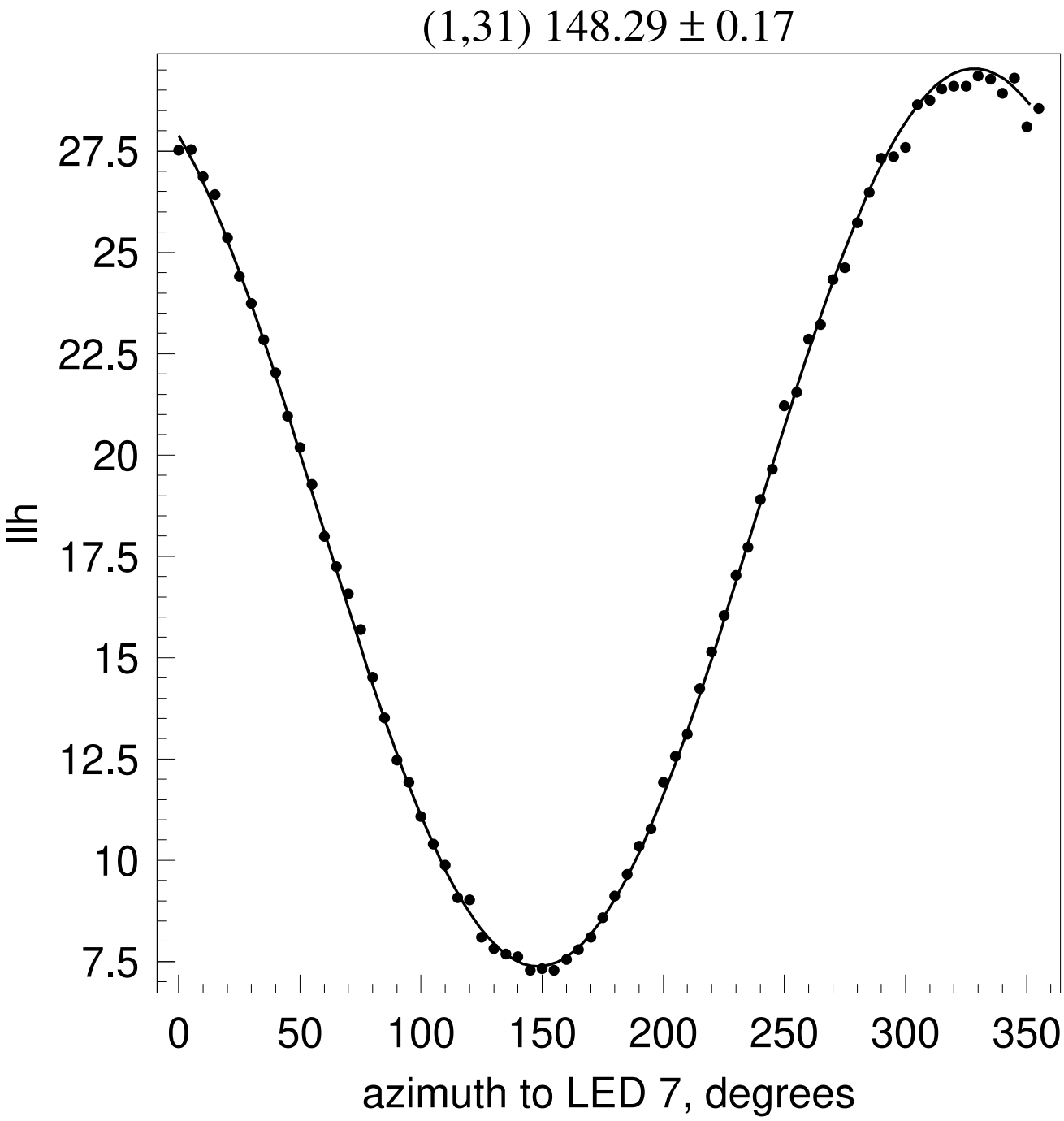

(1,26) 211.45 ± 0.29
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

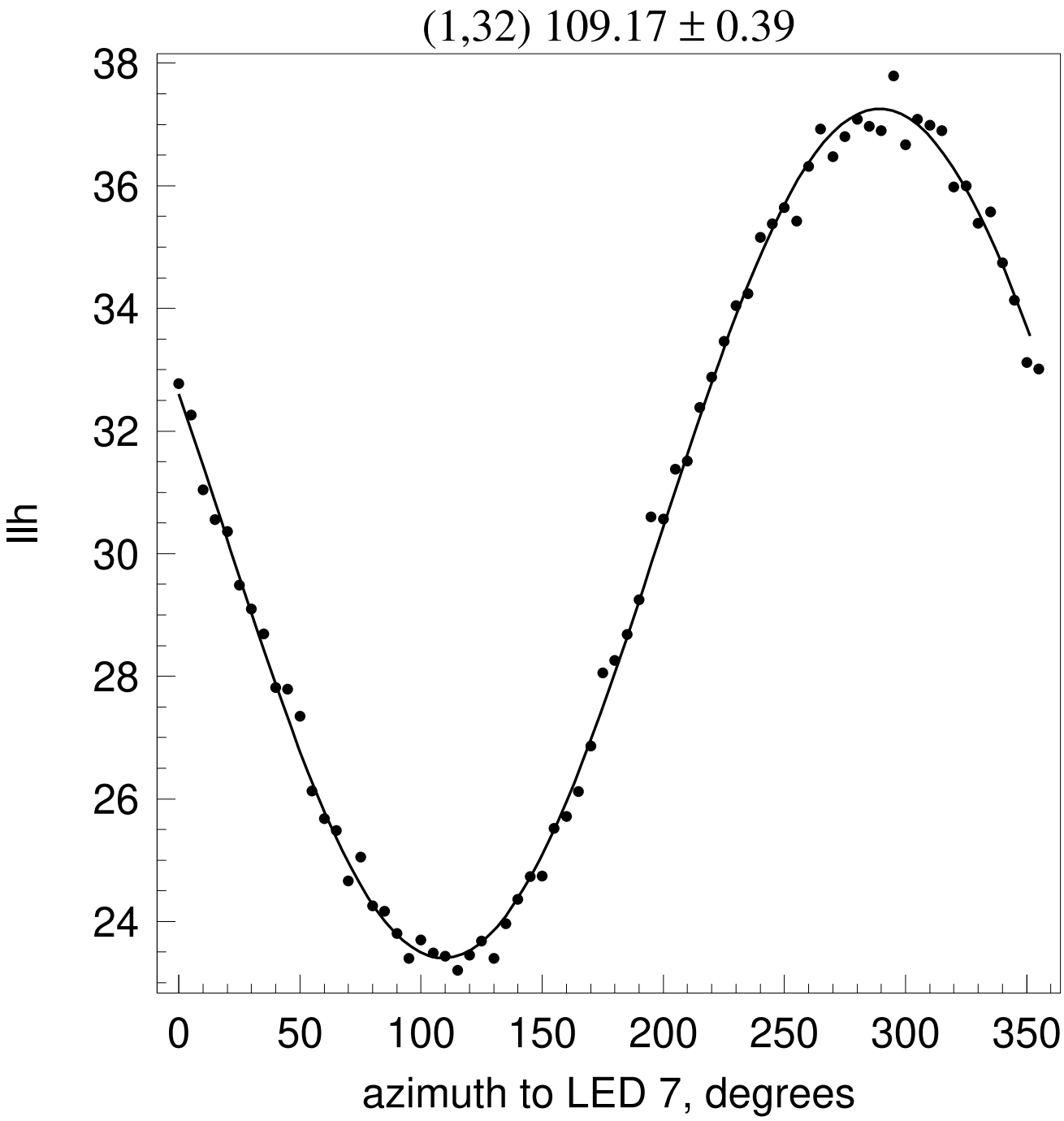

(1,27) 29.92 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

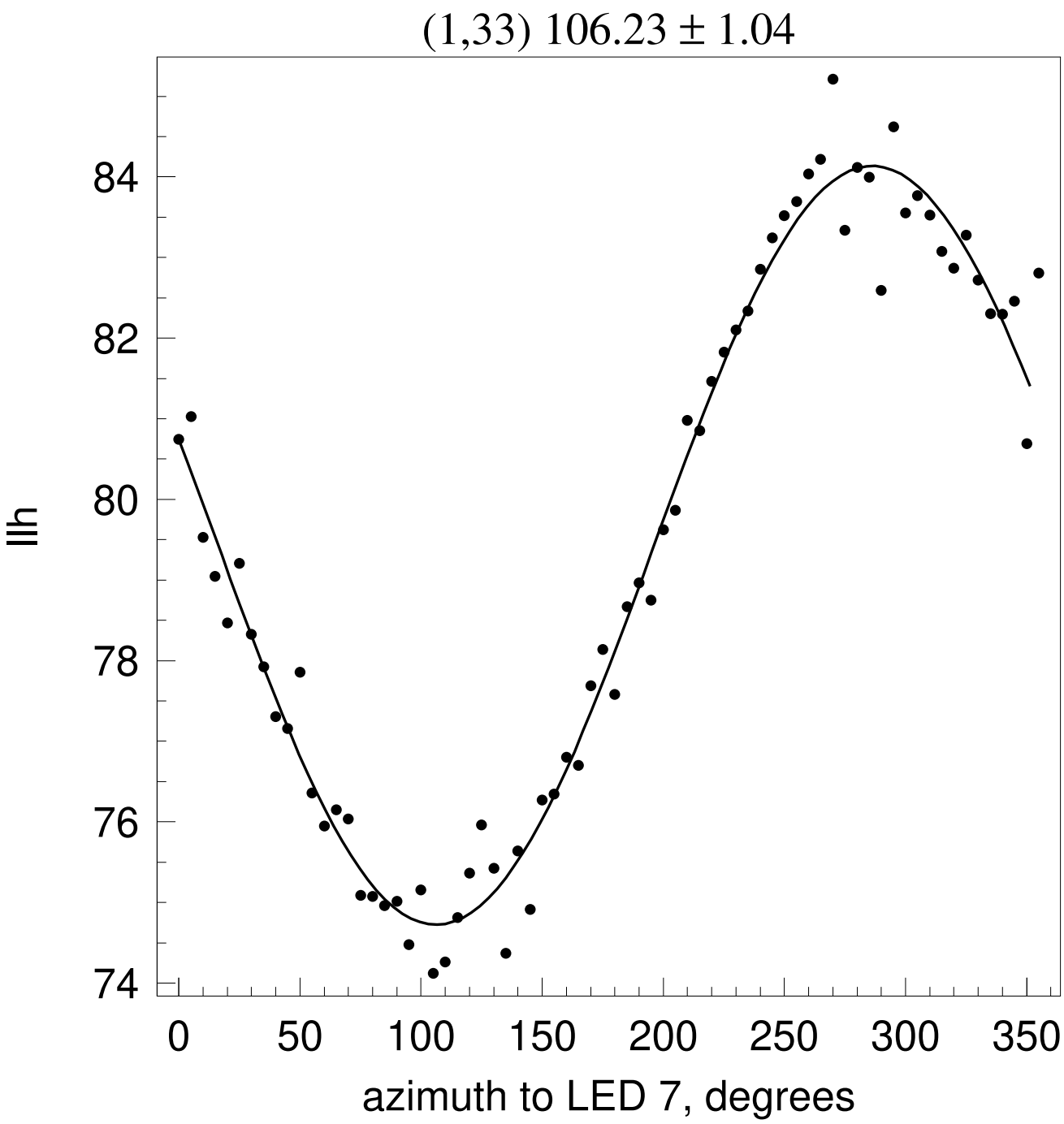

(1,28) 139.41 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

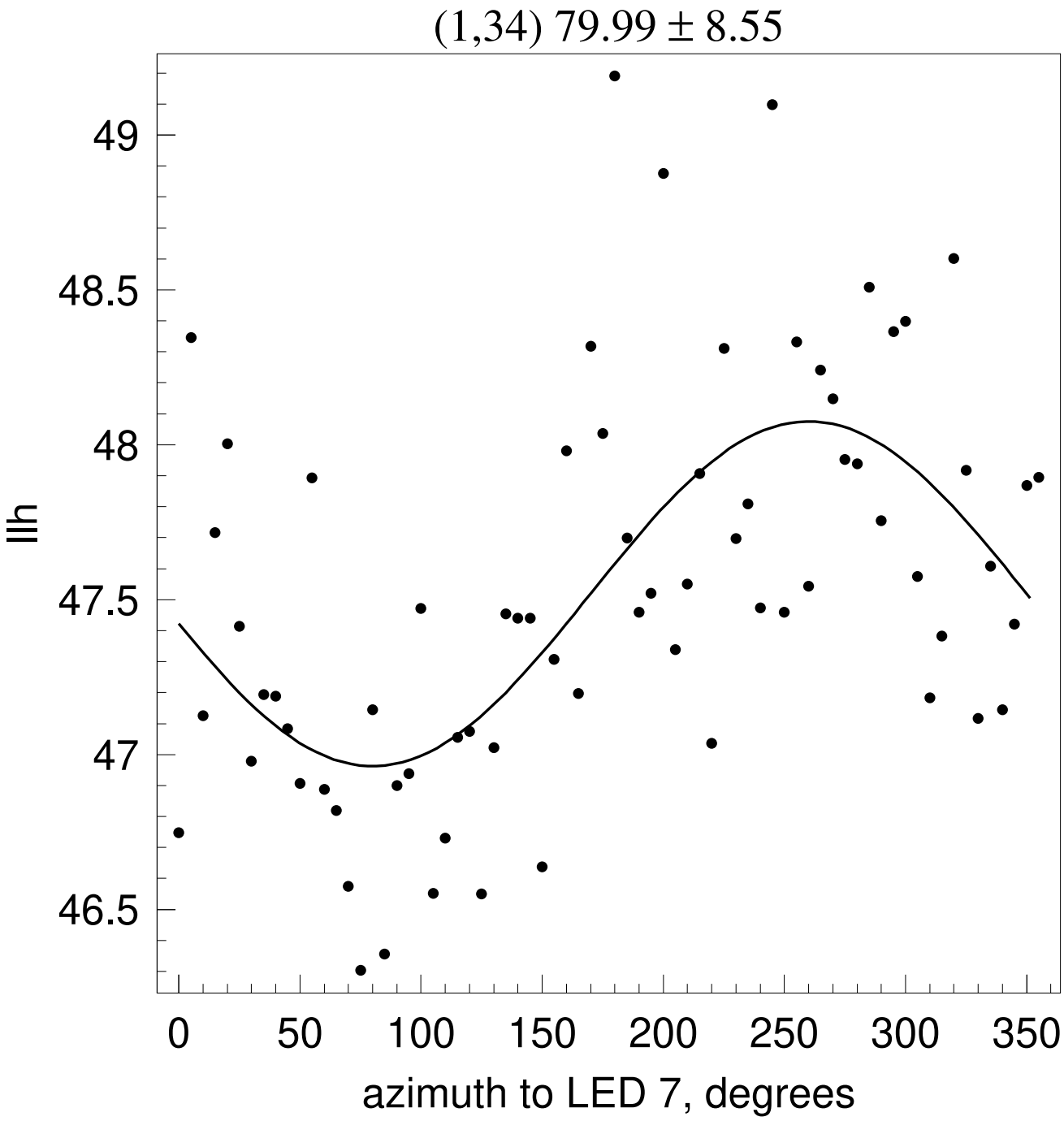

(1,29) 60.07 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

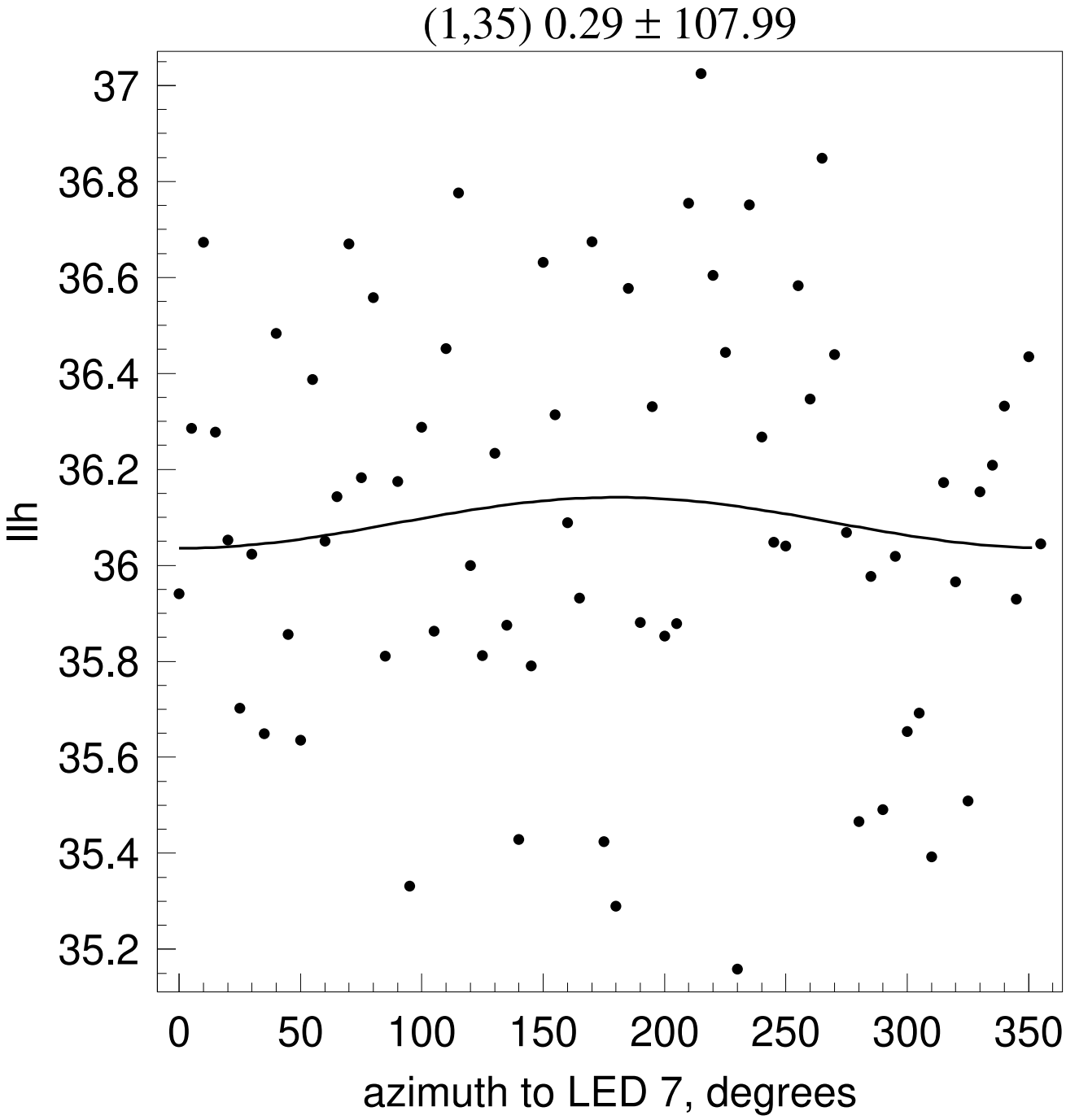

(1,30) 13.99 ± 0.21
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

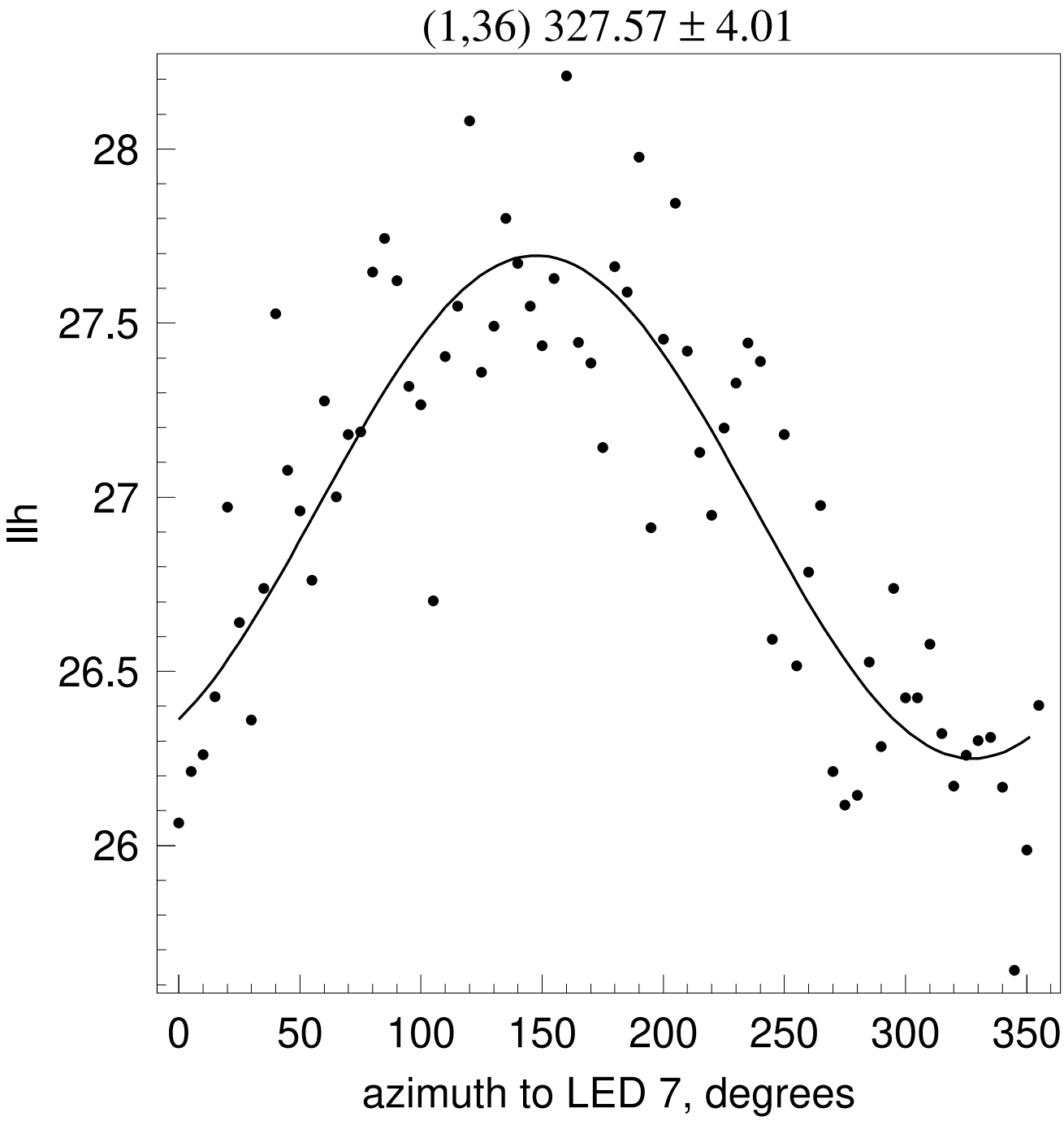

(1,31) 148.29 ± 0.17
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

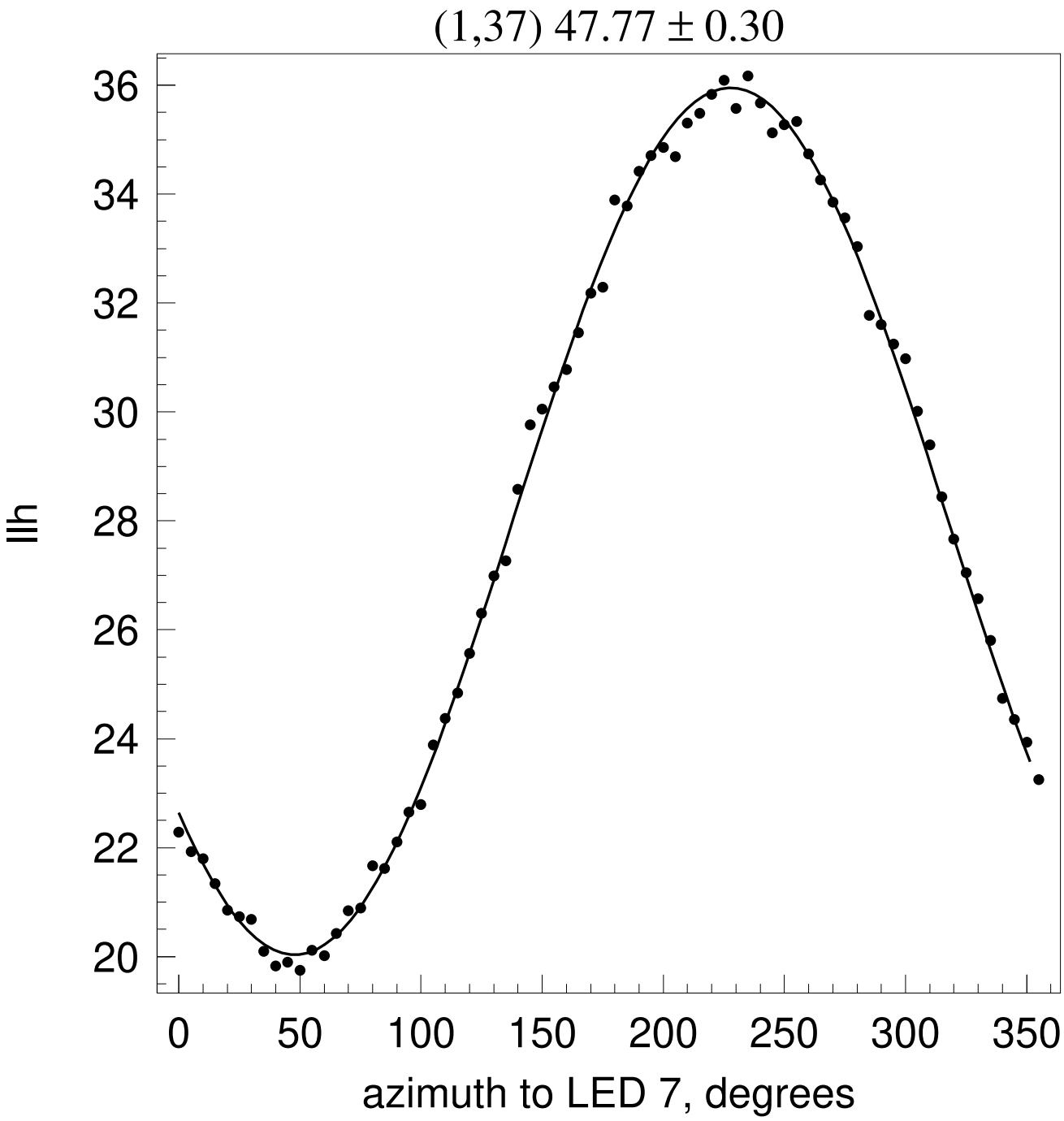

(1,32) 109.17 ± 0.39
38
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

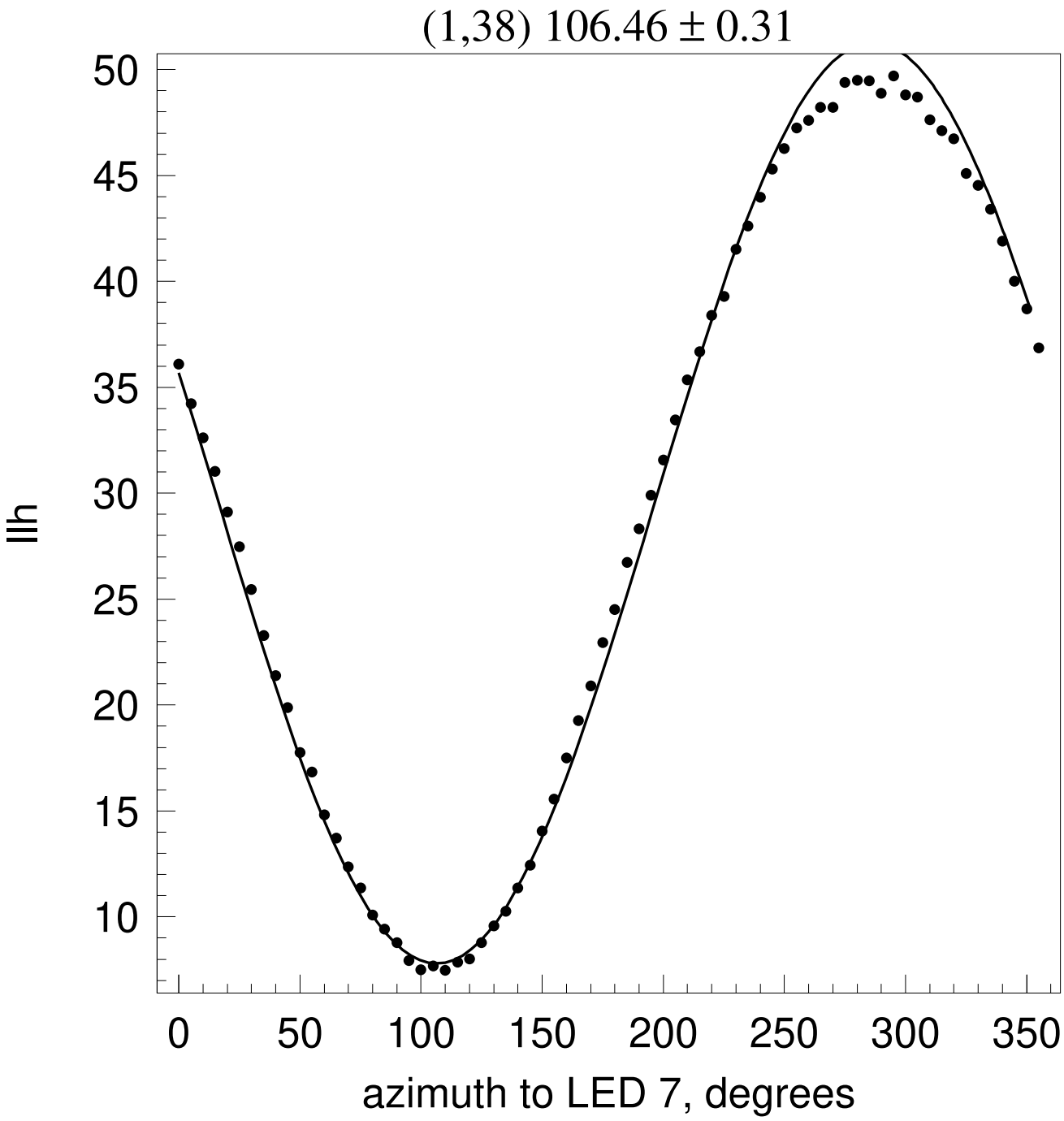

(1,33) 106.23 ± 1.04
84
82
80
78
76
74
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

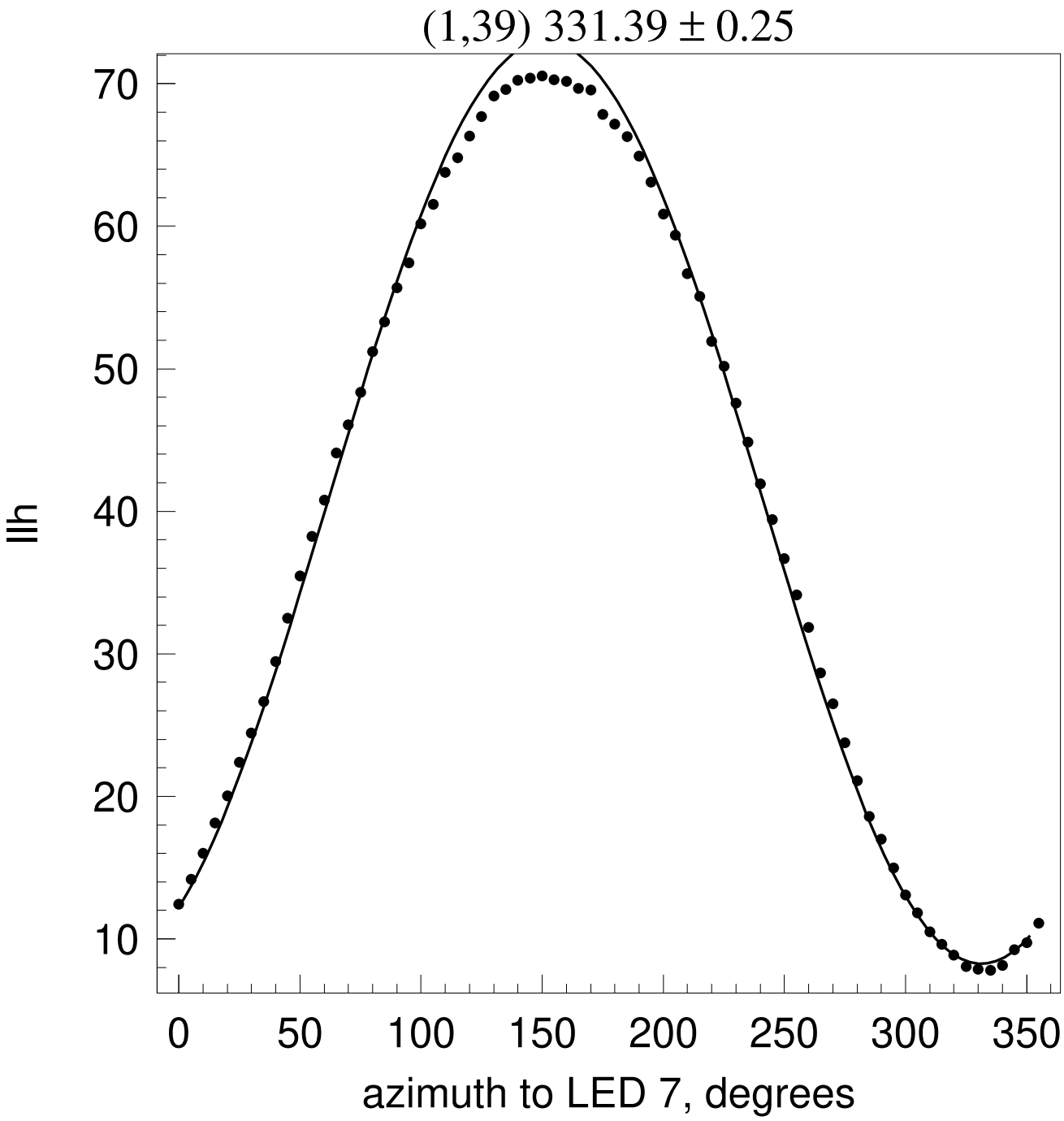

(1,34) 79.99 ± 8.55
49
48.5
48
47.5
47
46.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

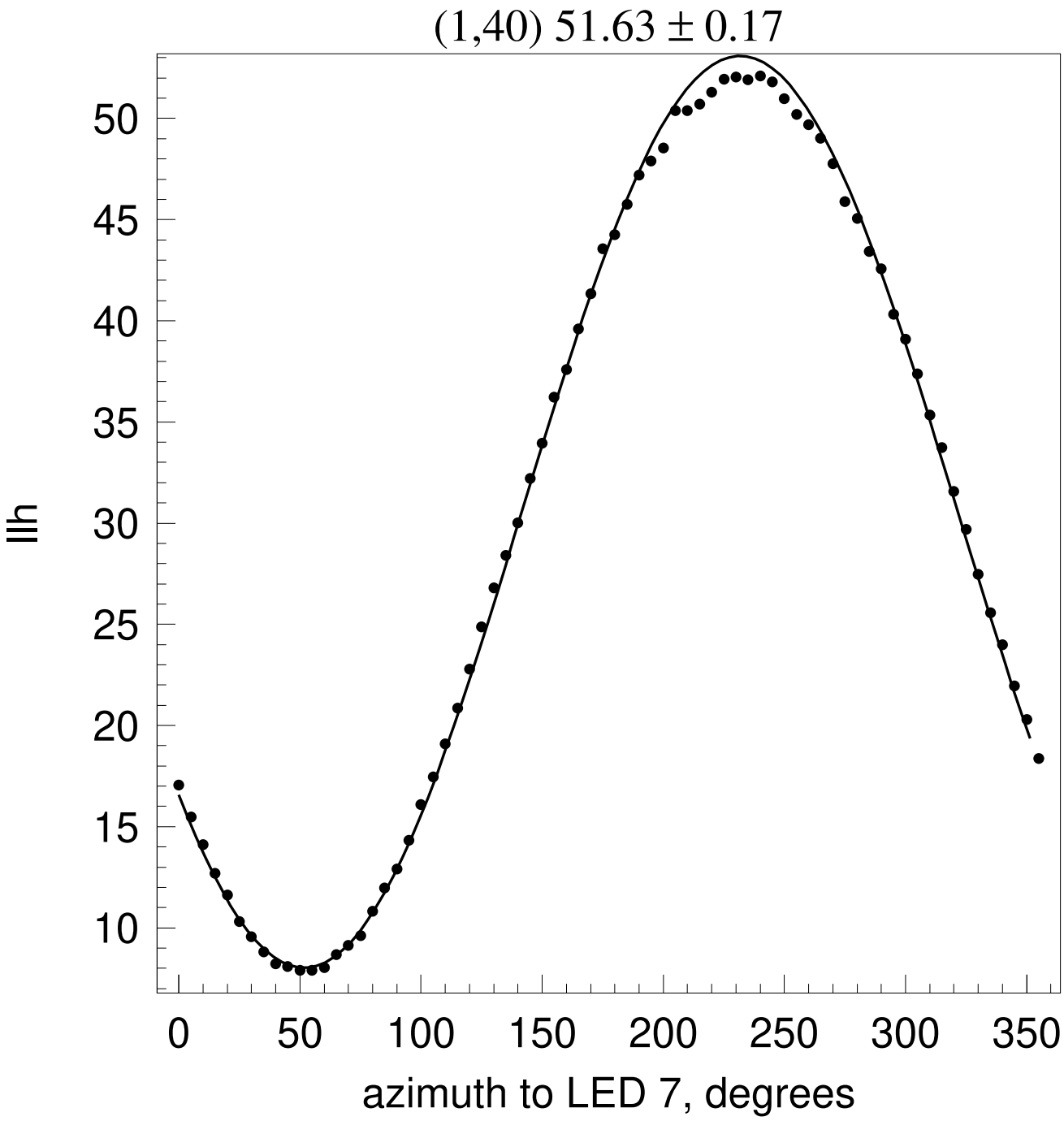

(1,35) 0.29 ± 107.99
37
36.8
36.6
36.4
36.2
36
35.8
35.6
35.4
35.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

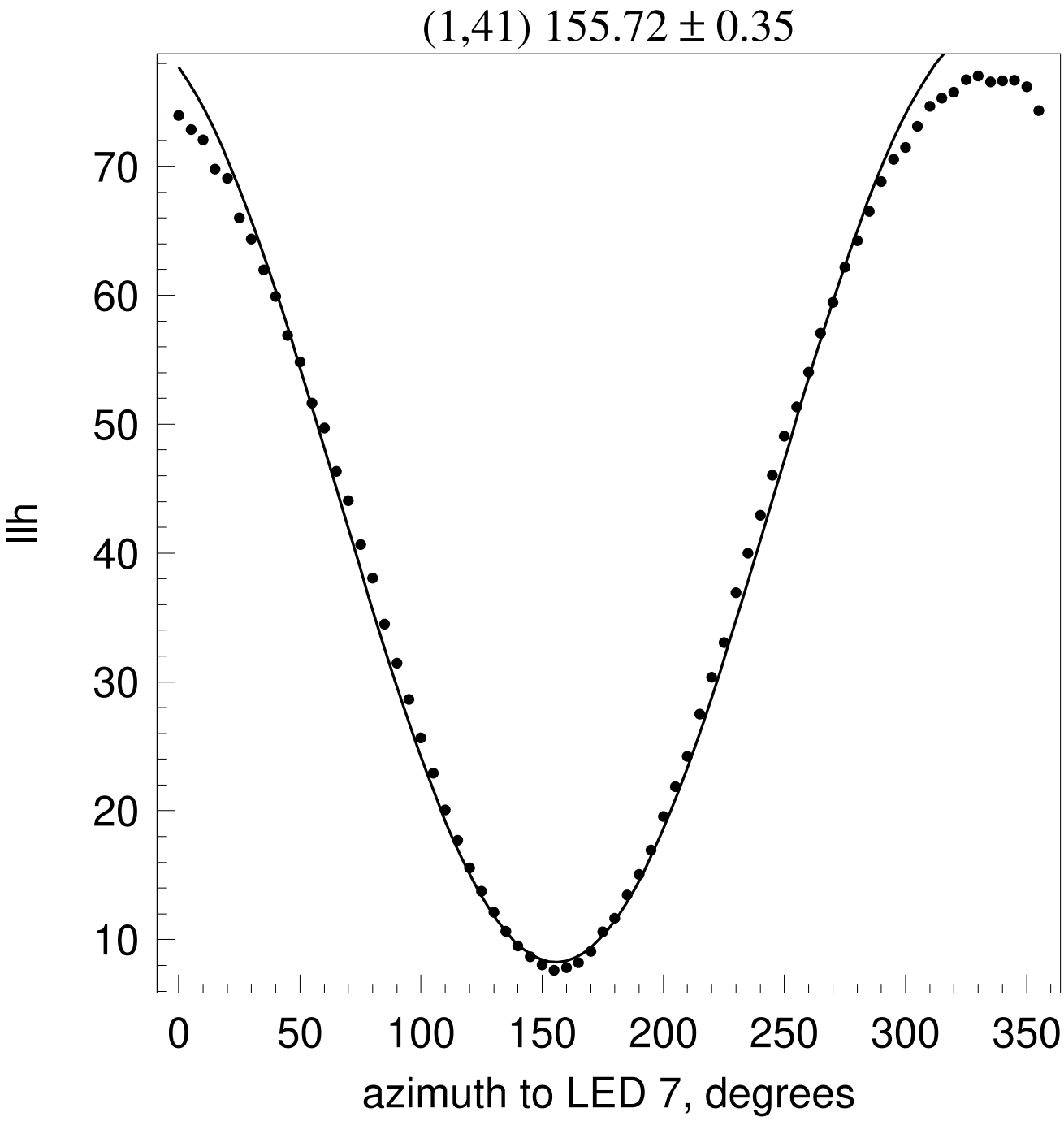

(1,36) 327.57 ± 4.01
28
27.5
27
26.5
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

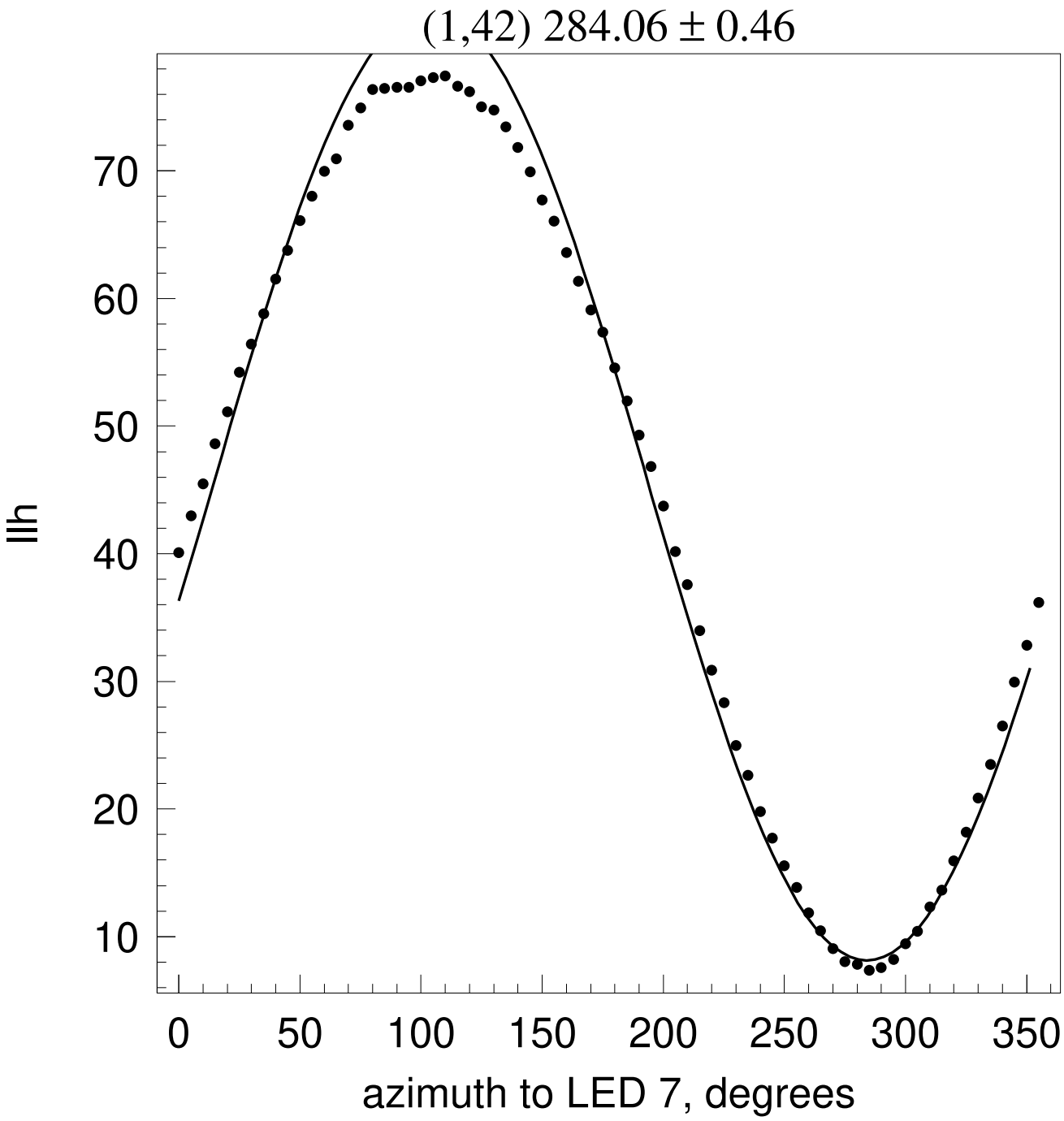

(1,37) 47.77 ± 0.30
36
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

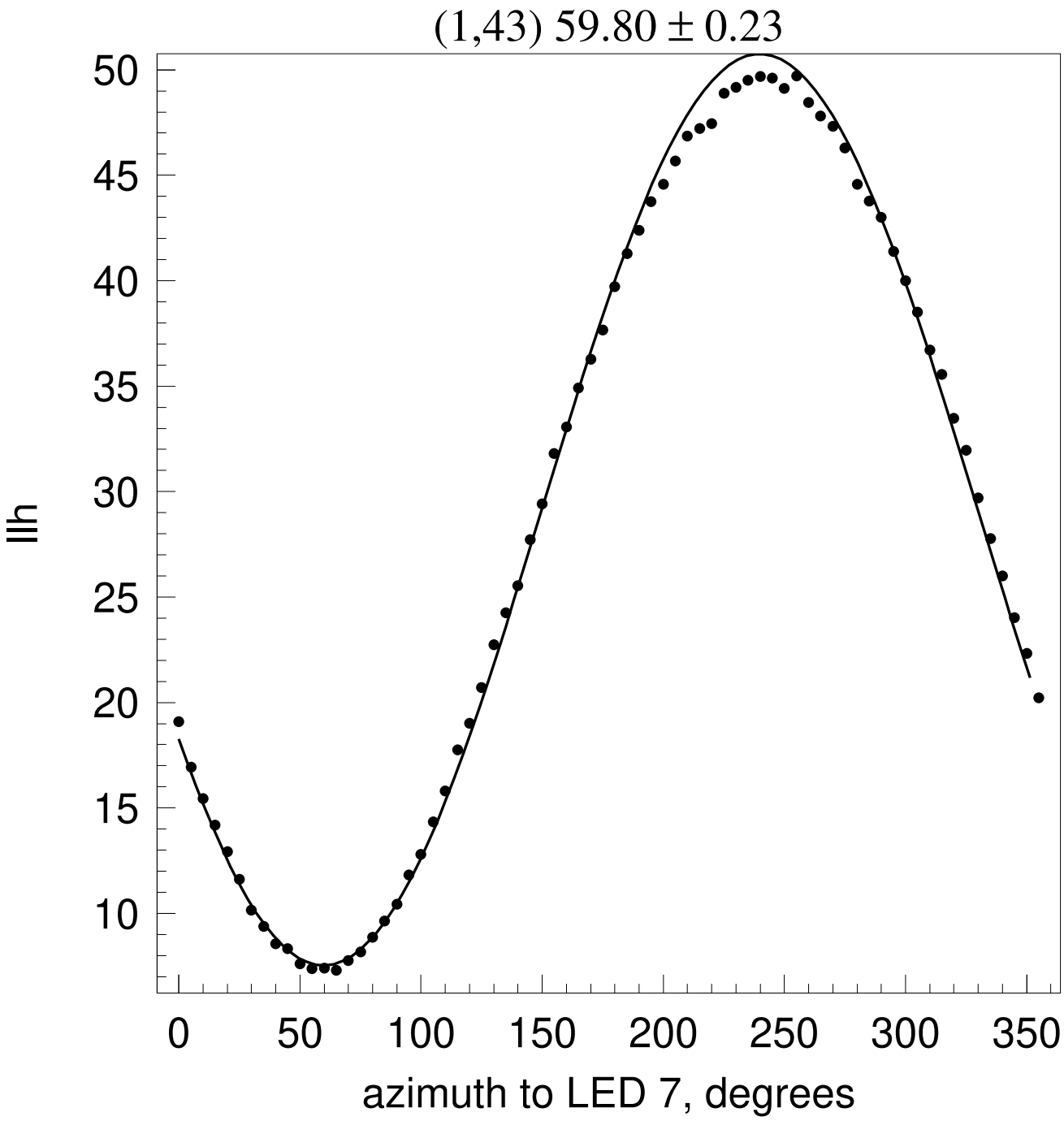

(1,38) 106.46 ± 0.31
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

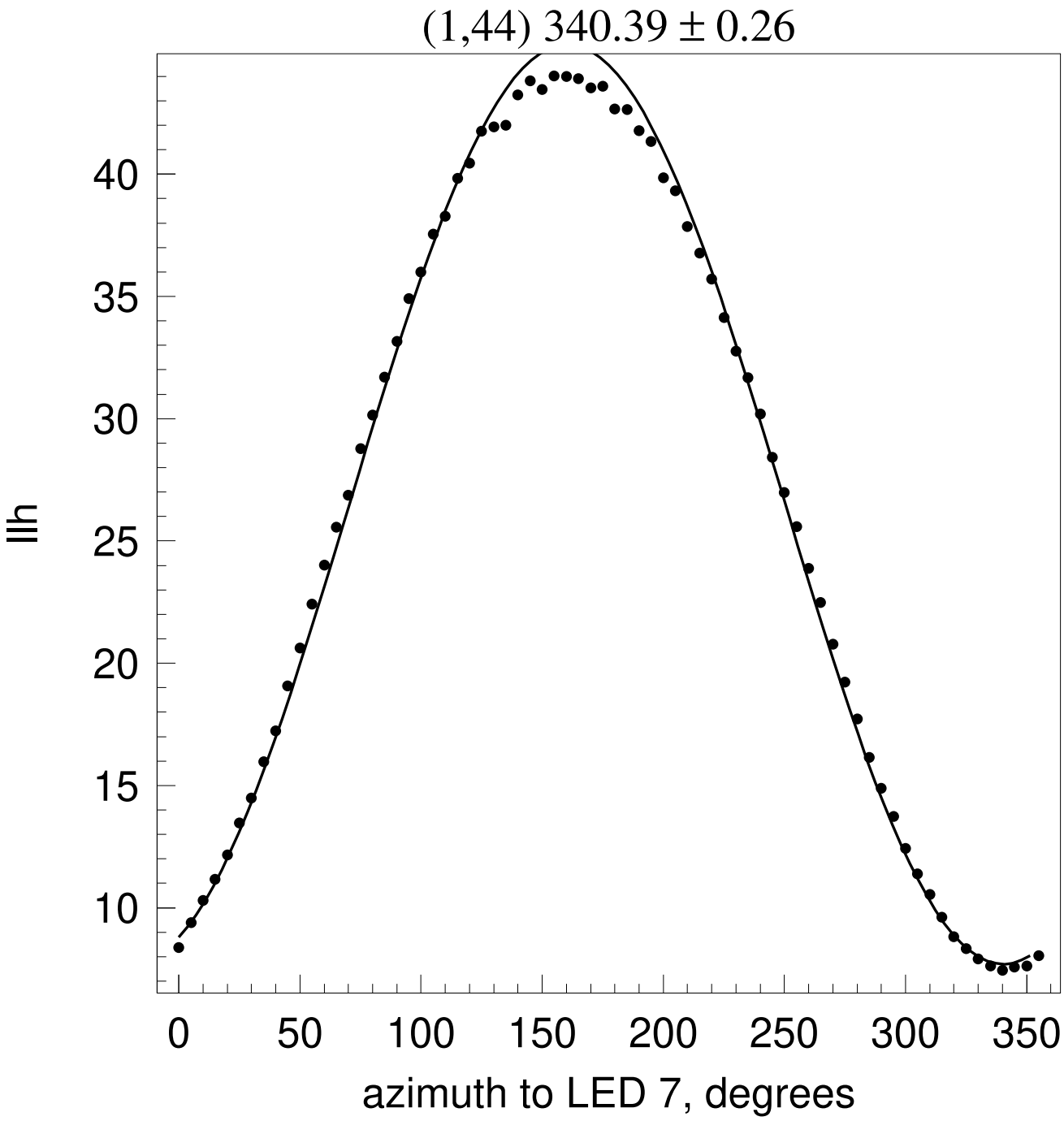

(1,39) 331.39 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

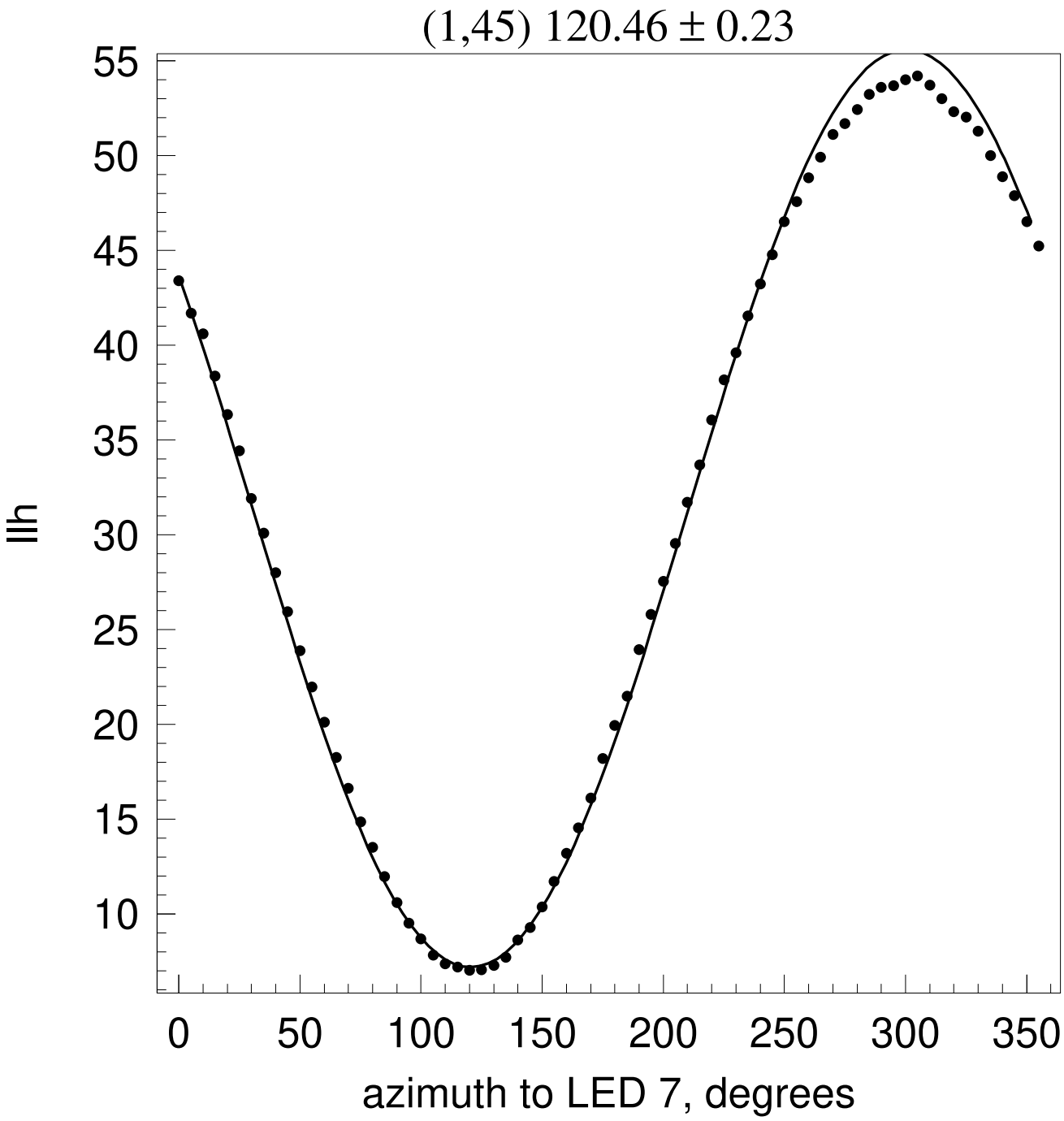

(1,40) 51.63 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

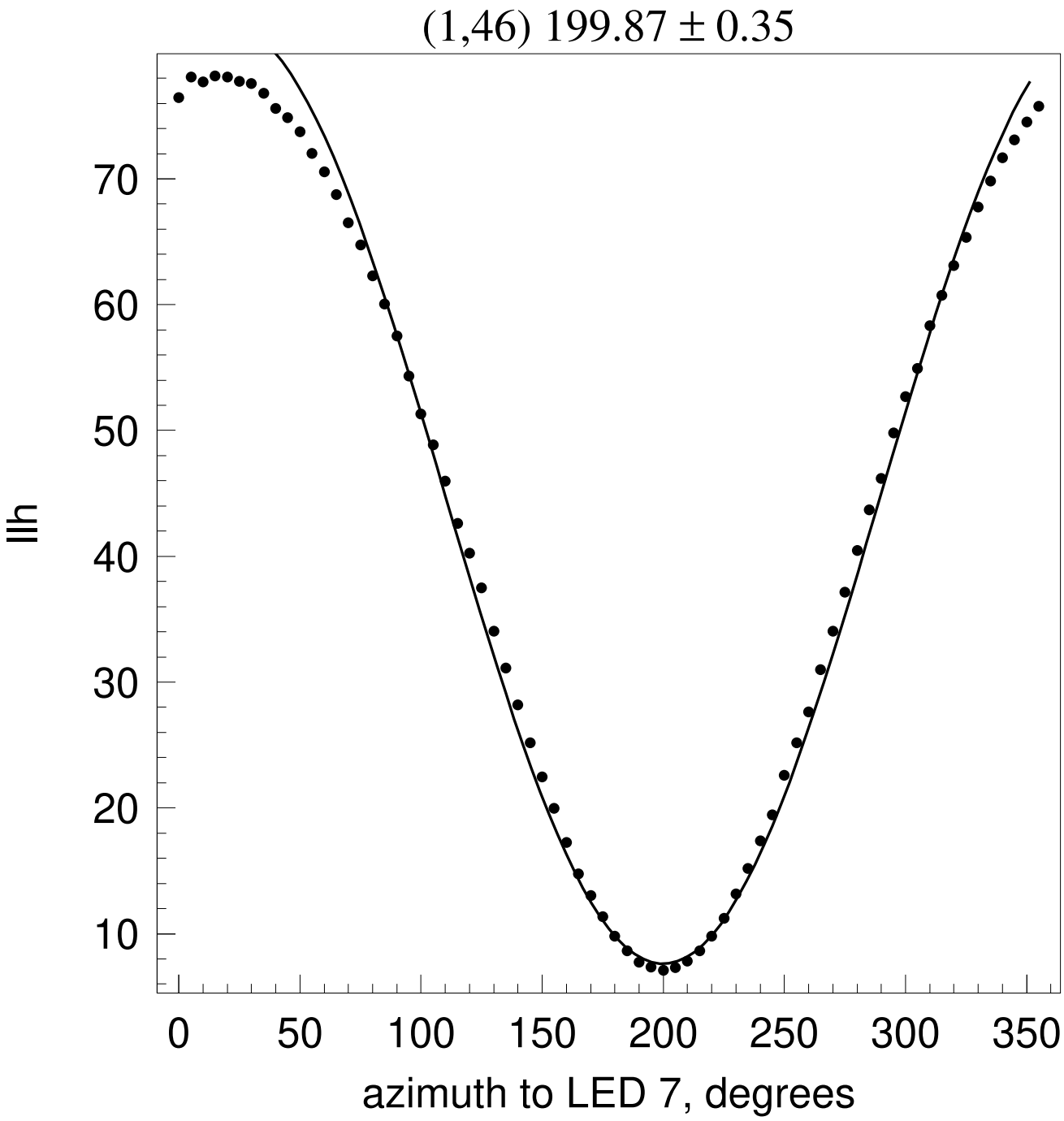

(1,41) 155.72 ± 0.35
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

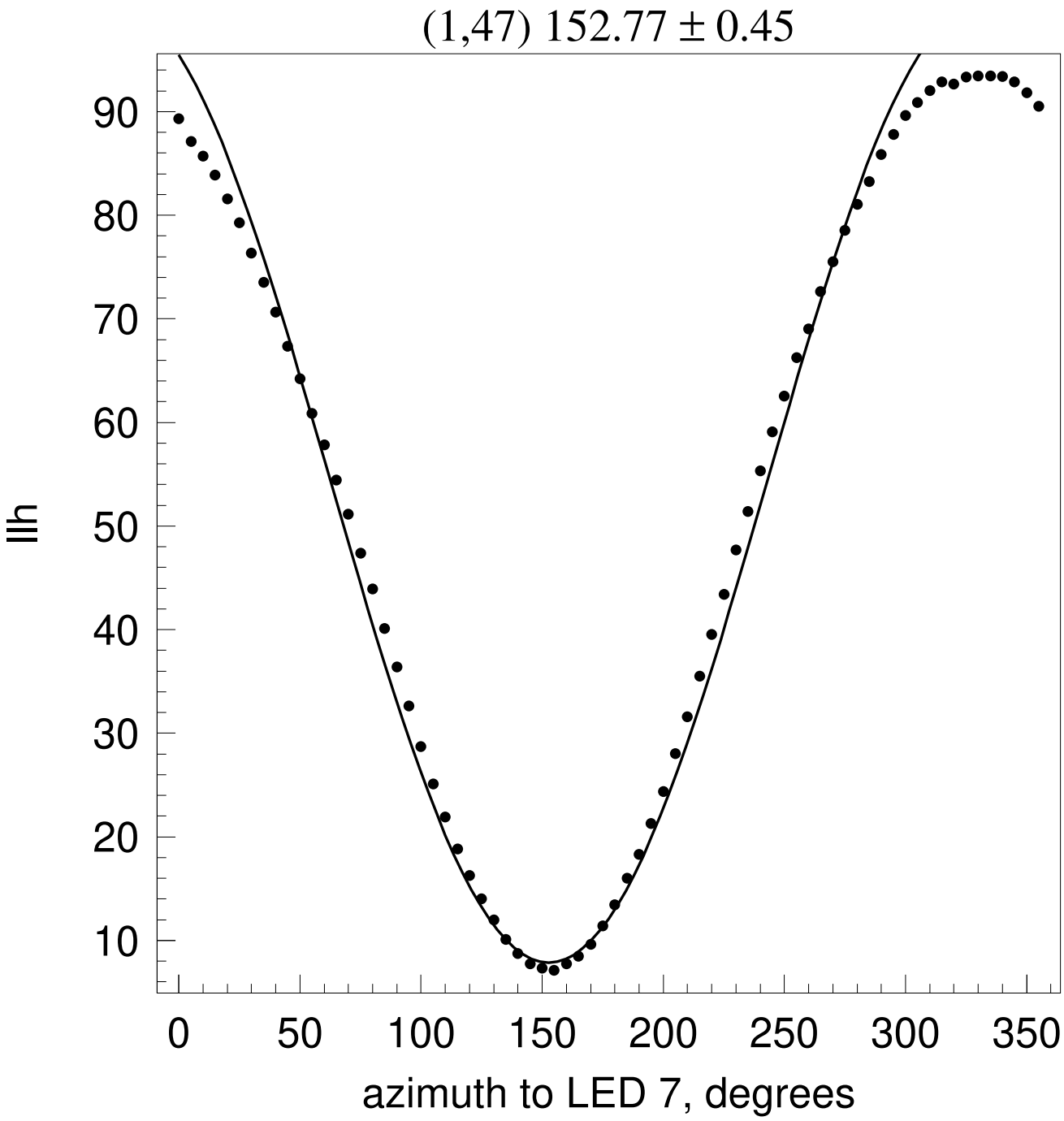

(1,42) 284.06 ± 0.46
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

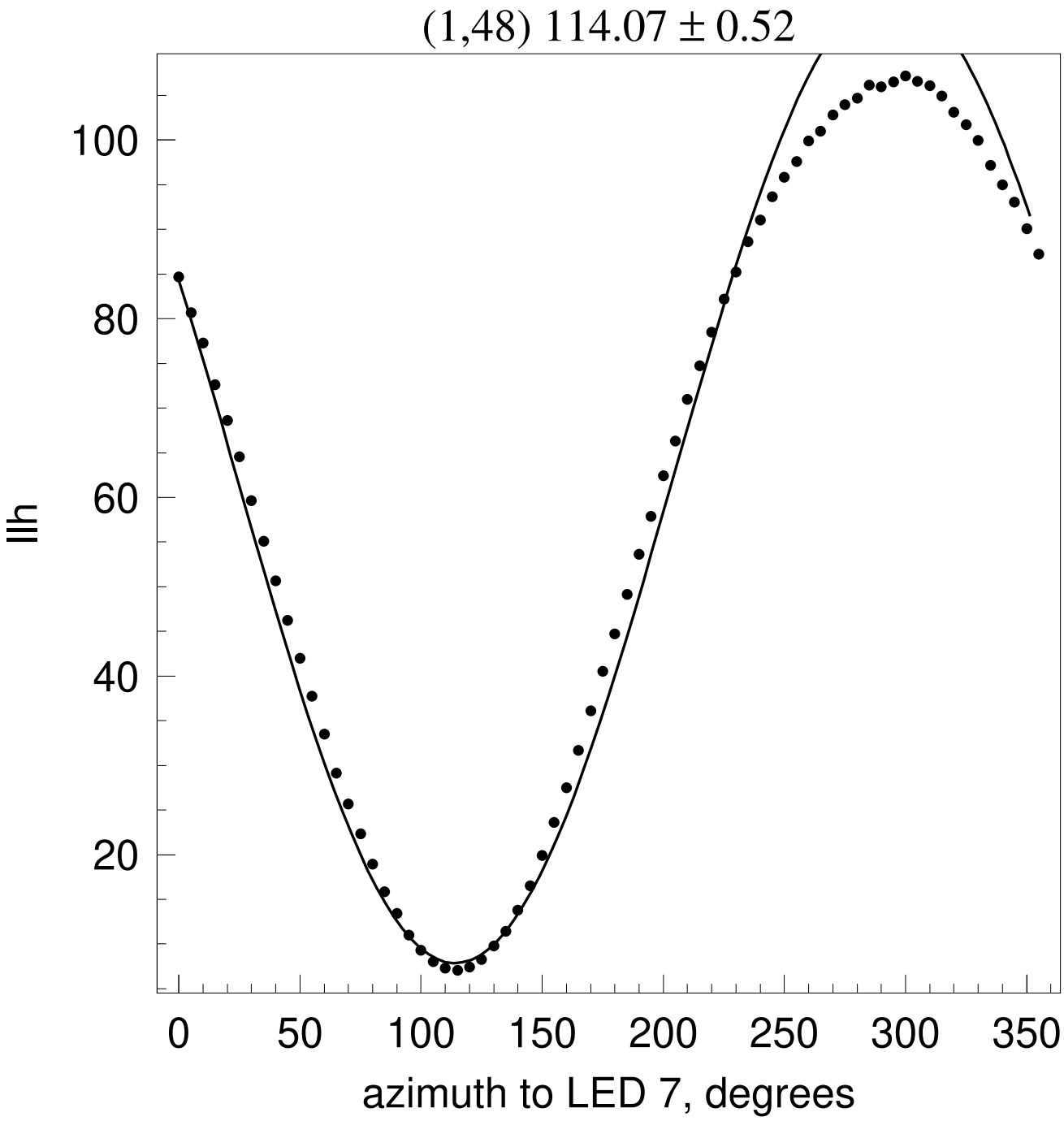

(1,43) 59.80 ± 0.23
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

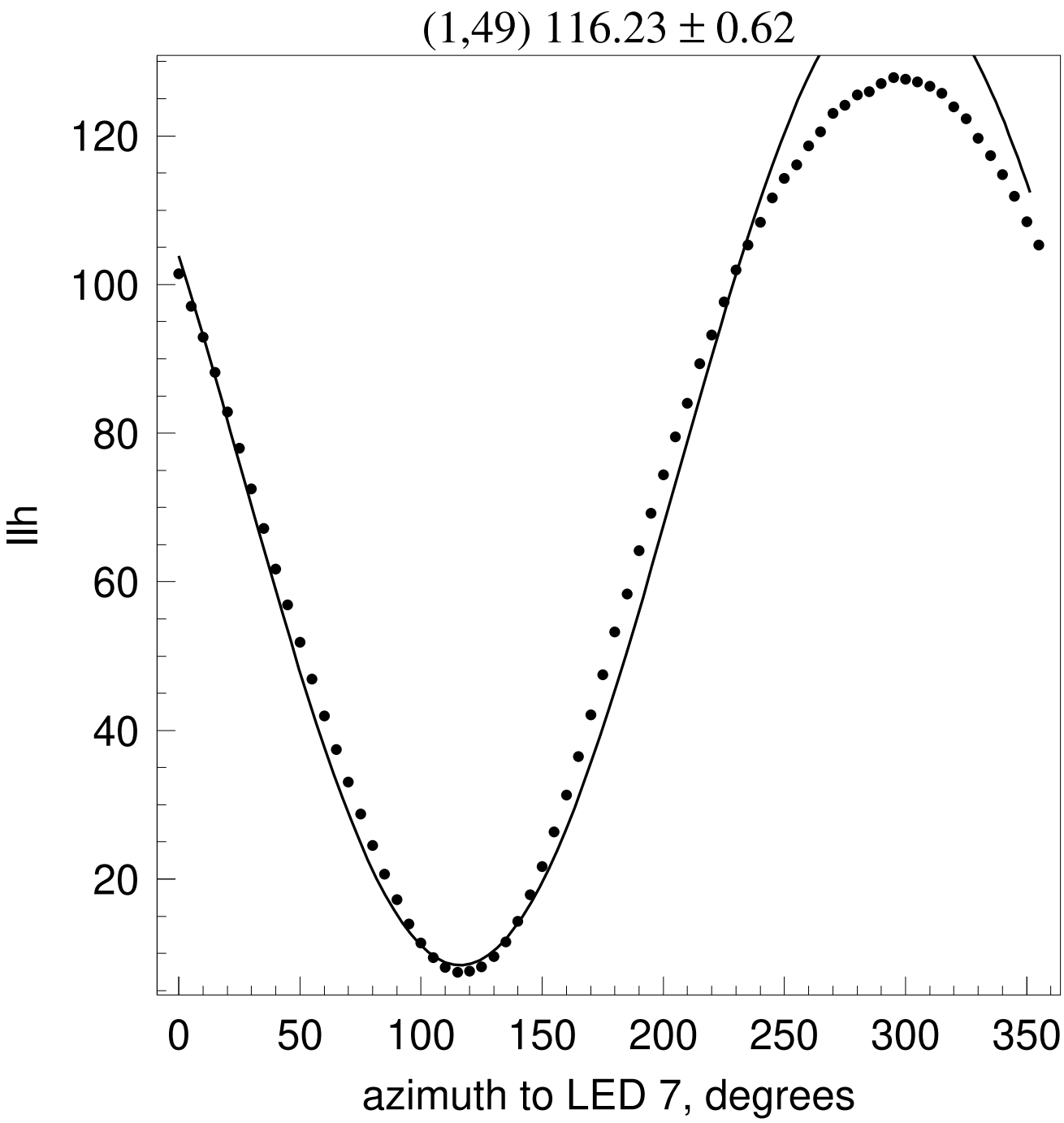

(1,44) 340.39 ± 0.26
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

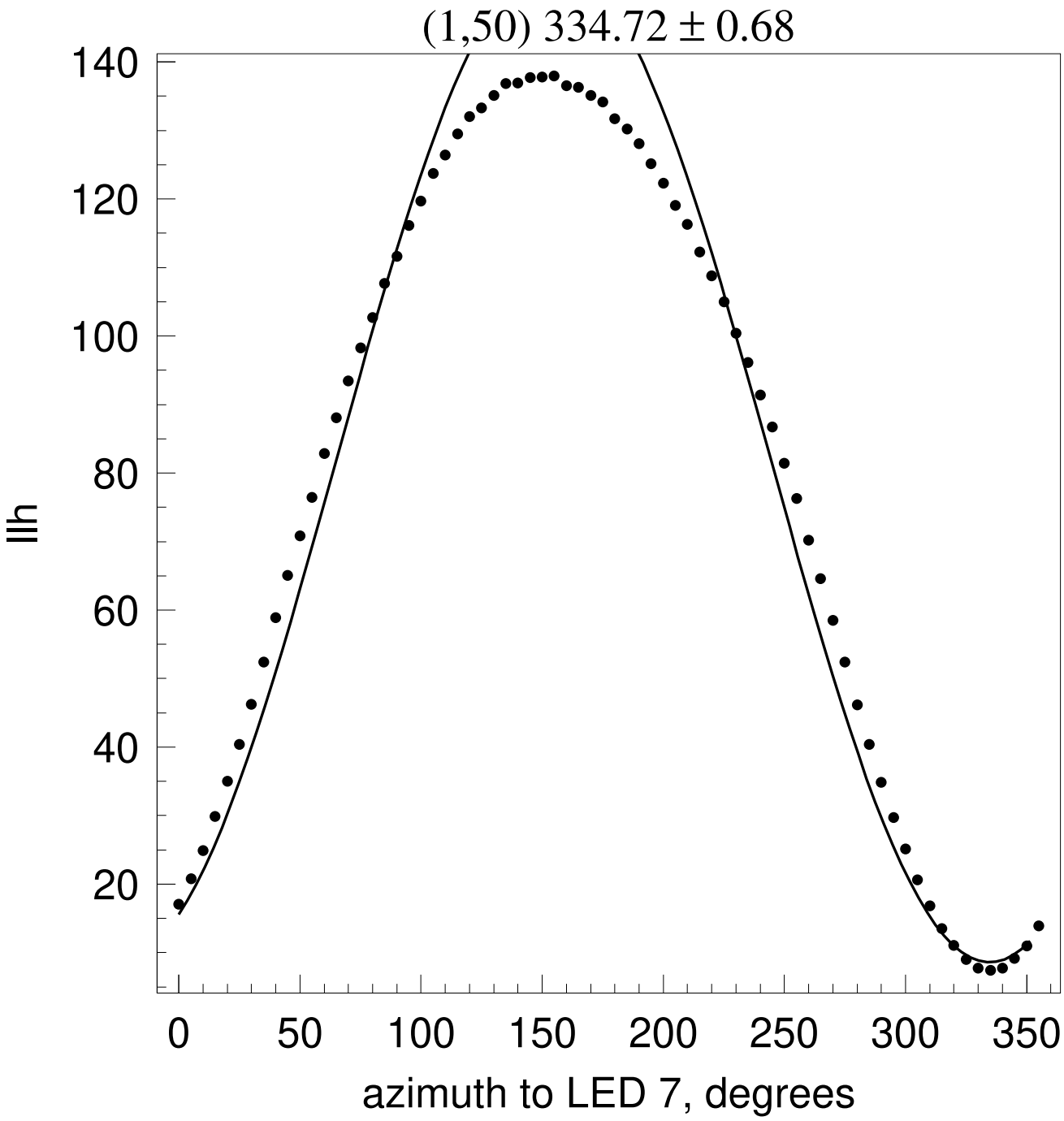

(1,45) 120.46 ± 0.23
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

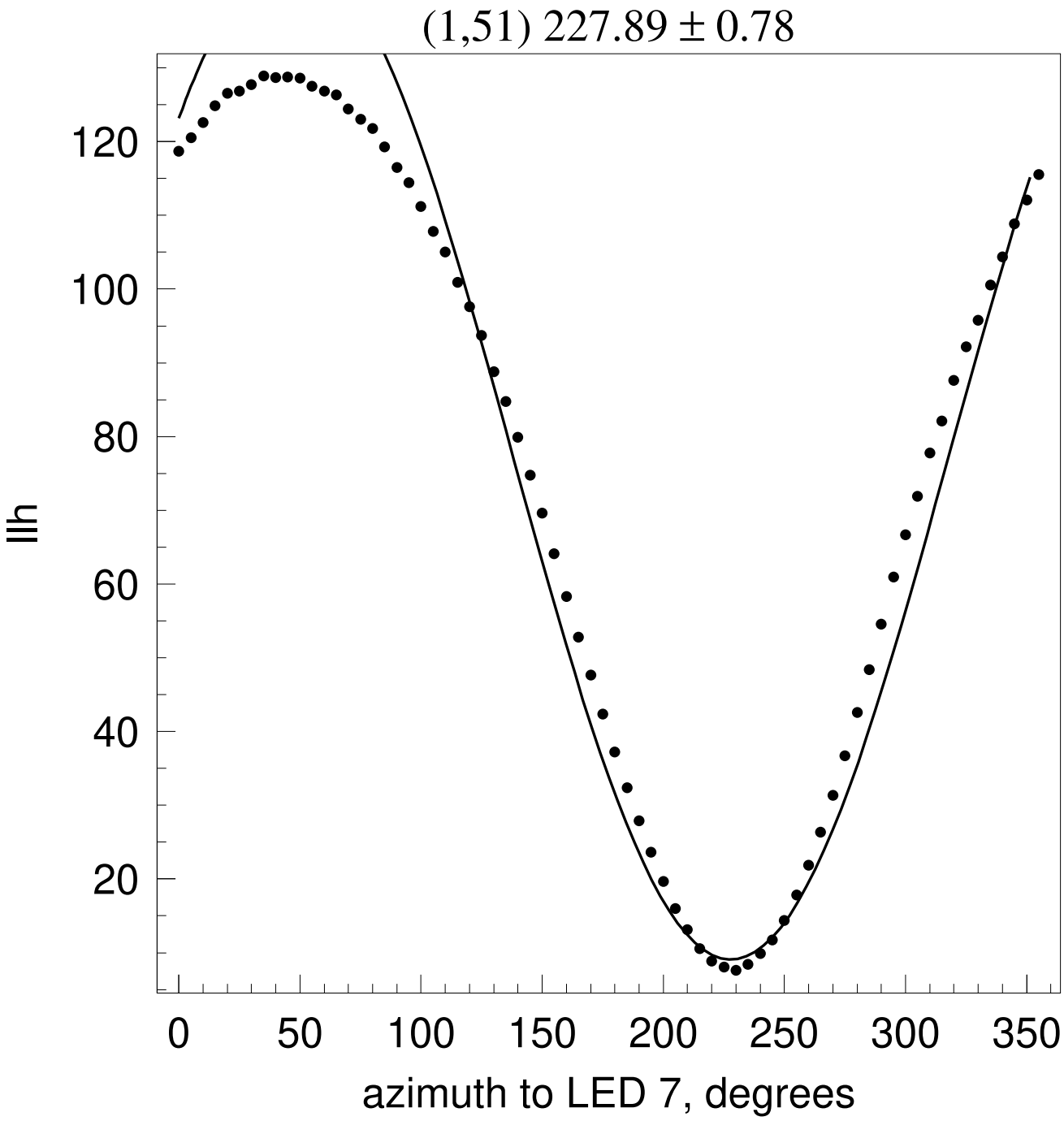

(1,46) 199.87 ± 0.35
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

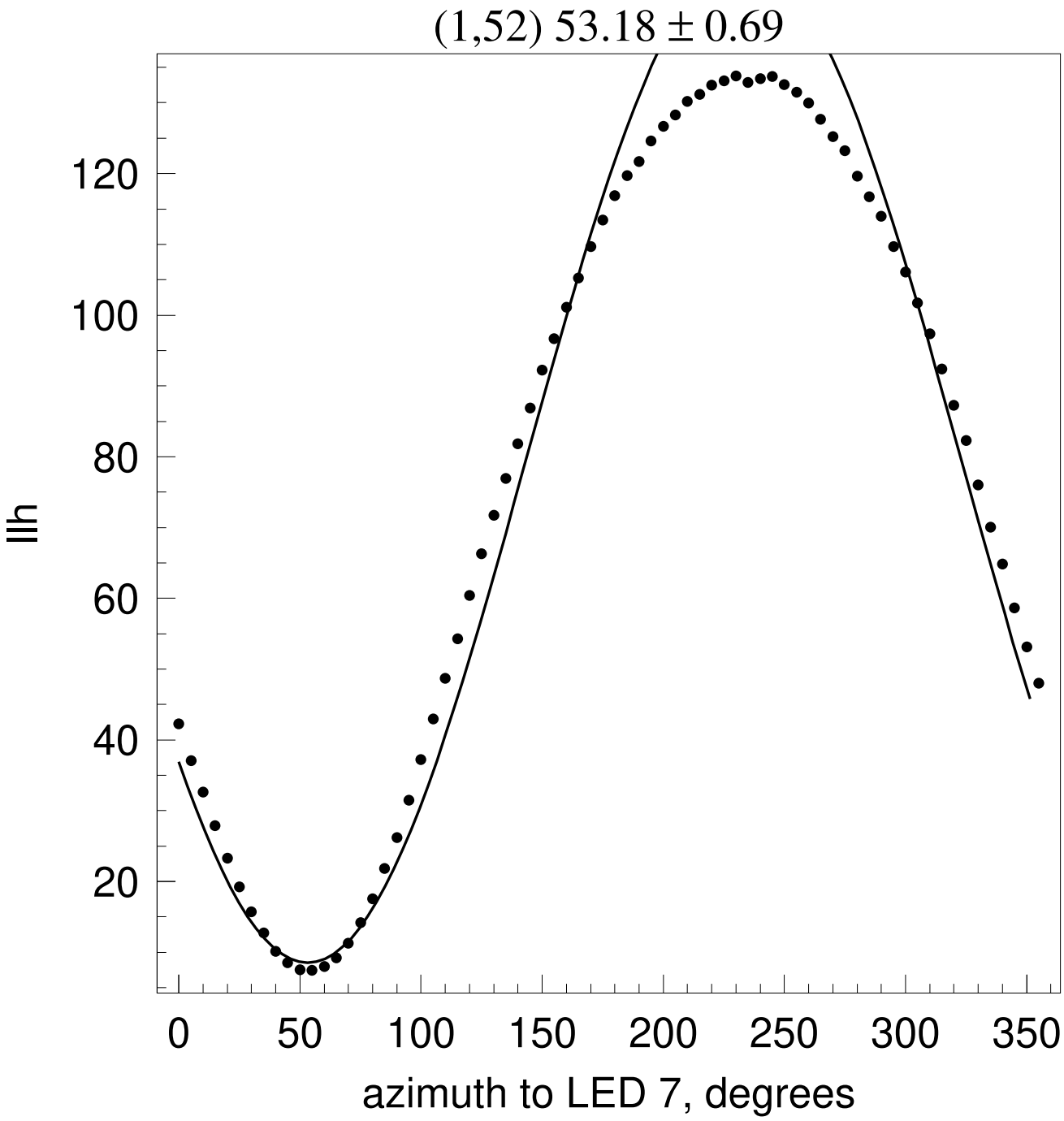

(1,47) 152.77 ± 0.45
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

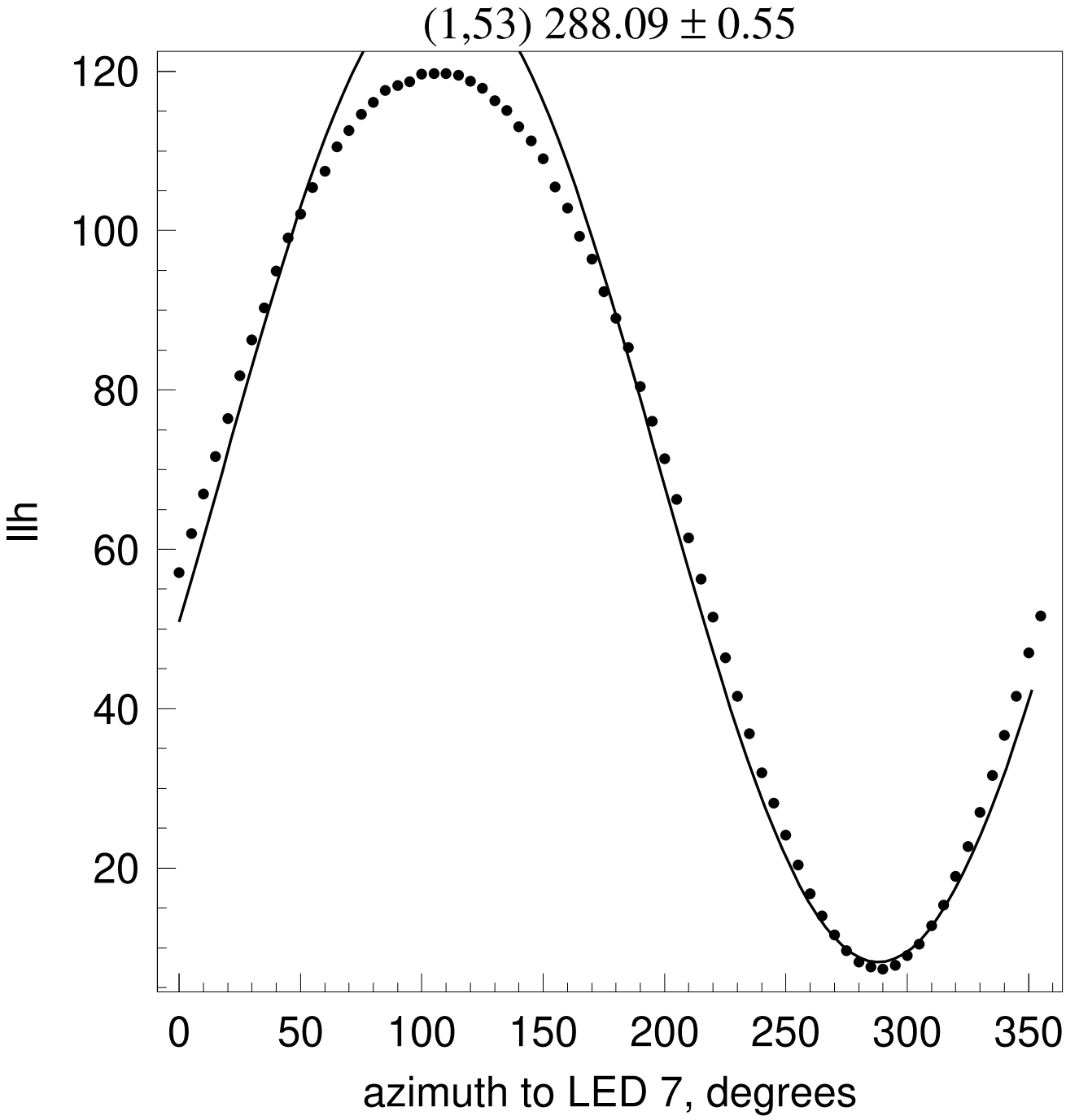

(1,48) 114.07 ± 0.52
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

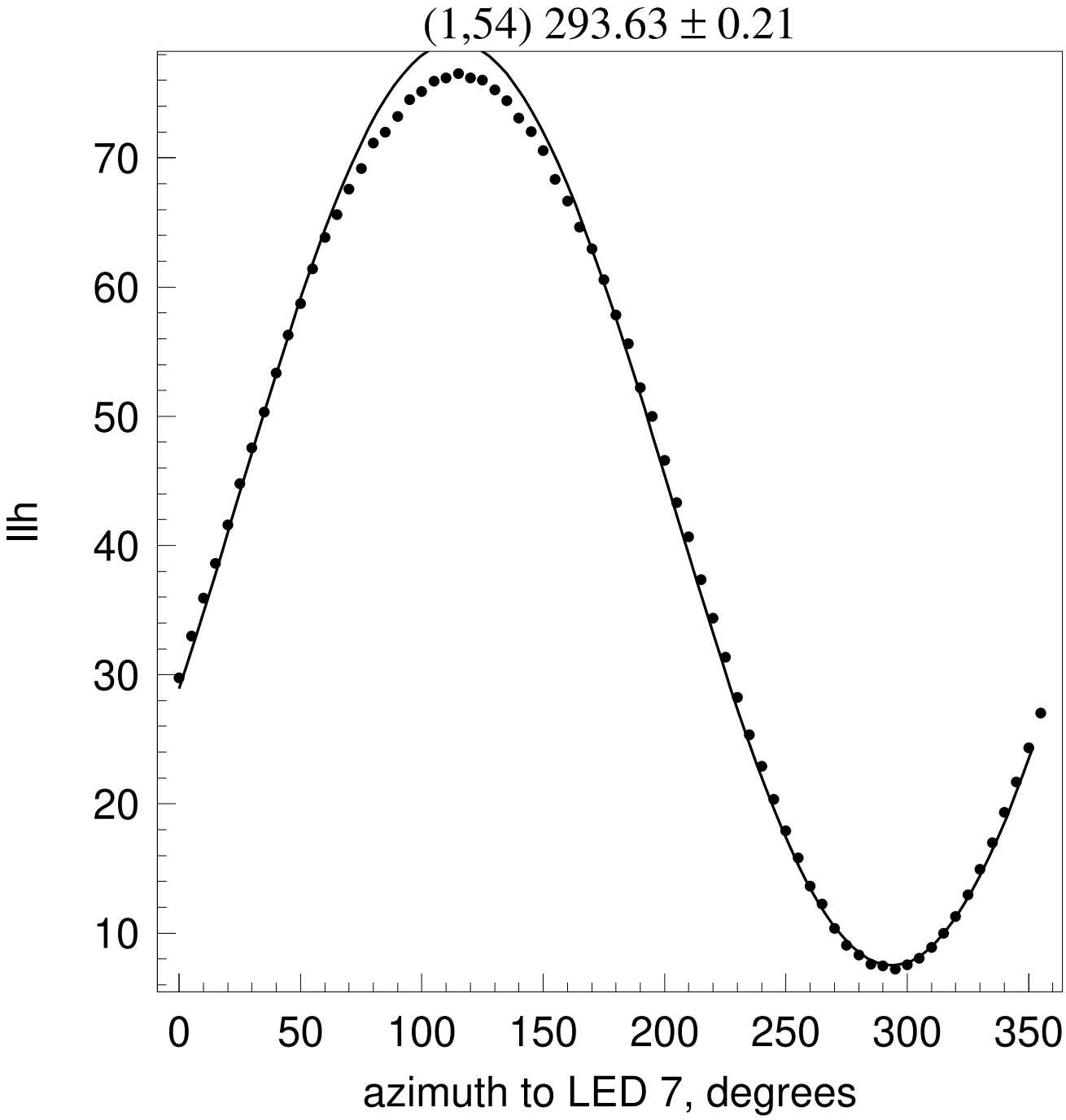

(1,49) 116.23 ± 0.62
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

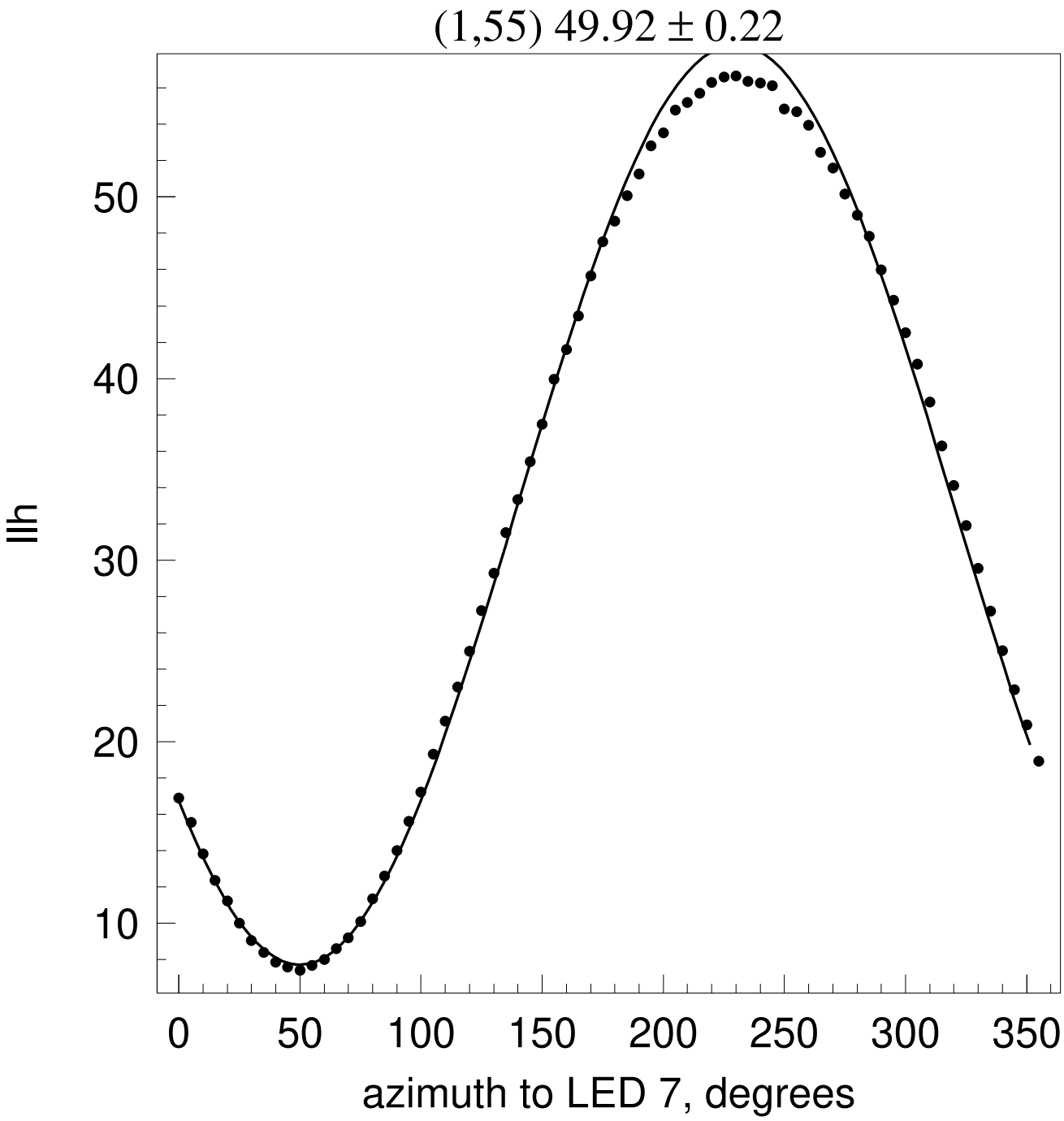

(1,50) 334.72 ± 0.68
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

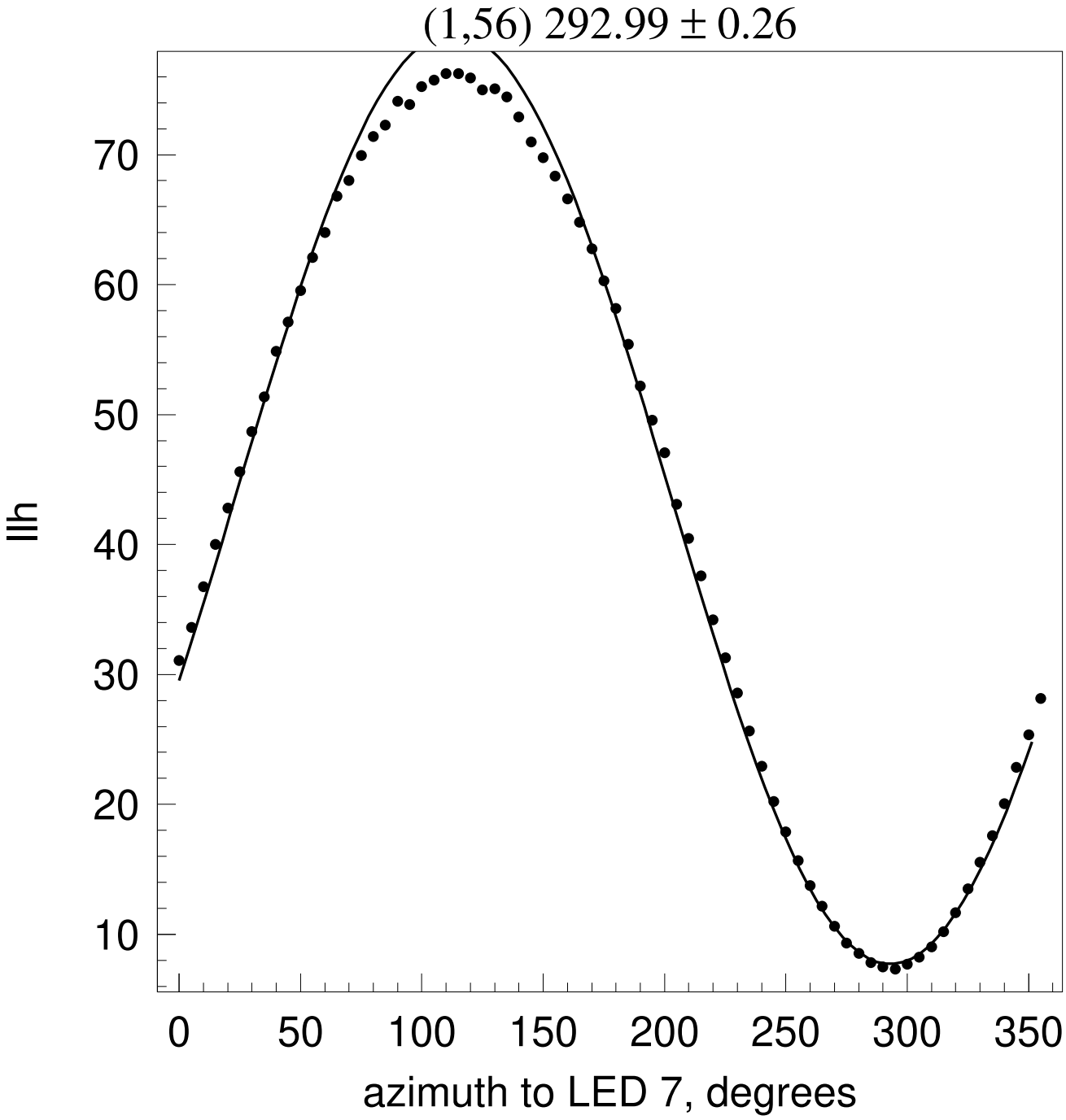

(1,51) 227.89 ± 0.78
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

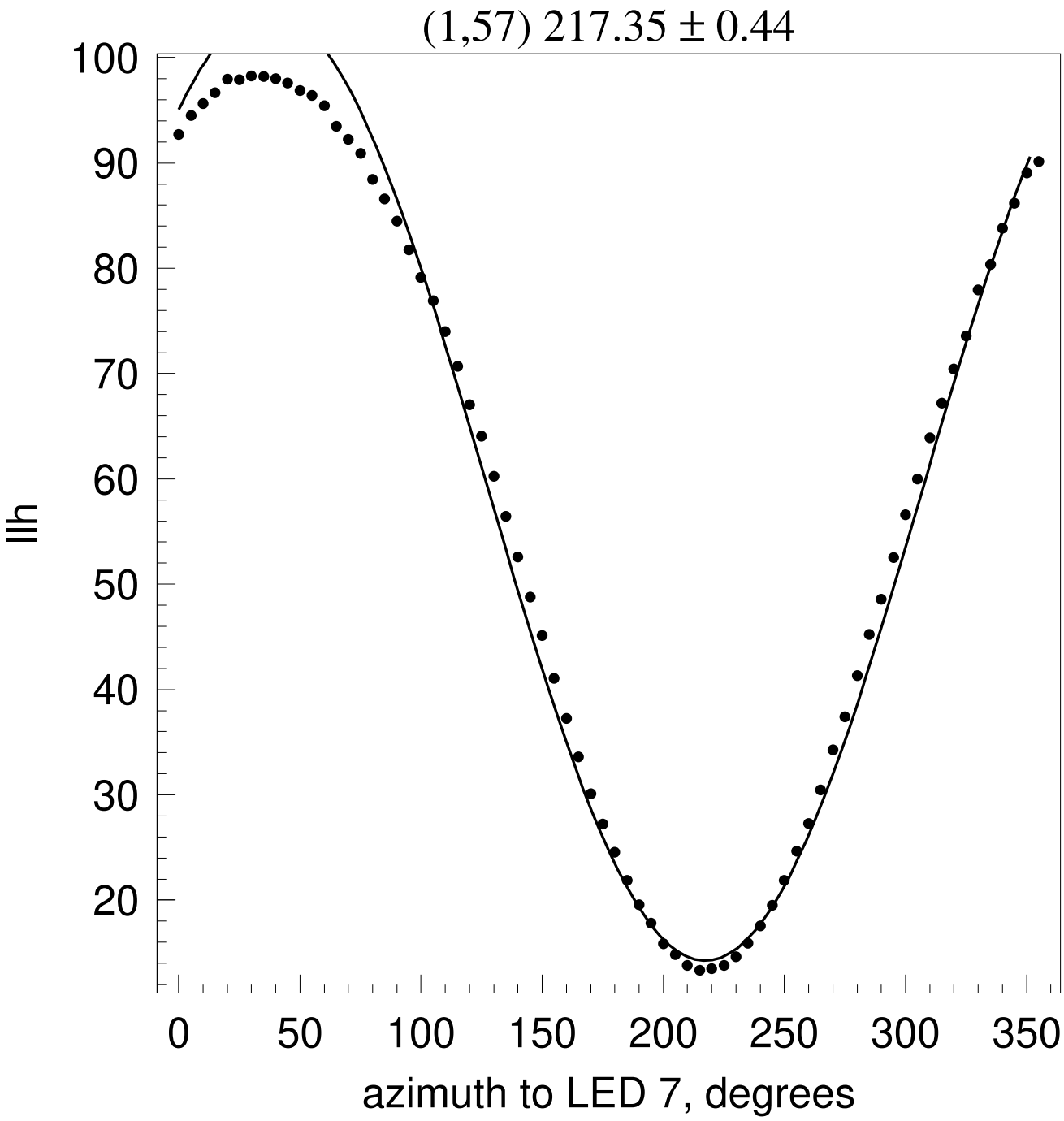

(1,52) 53.18 ± 0.69
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

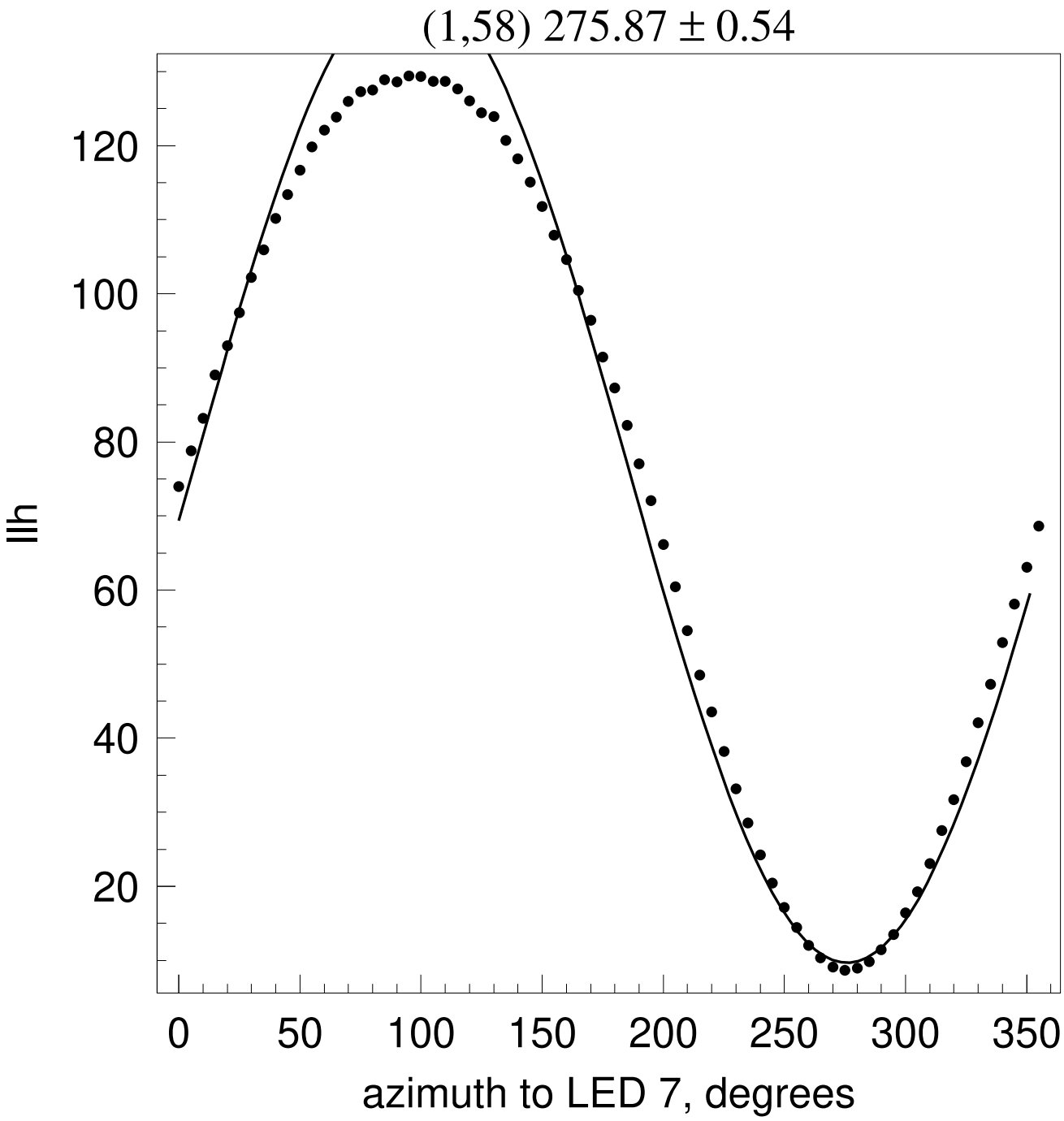

(1,53) 288.09 ± 0.55
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

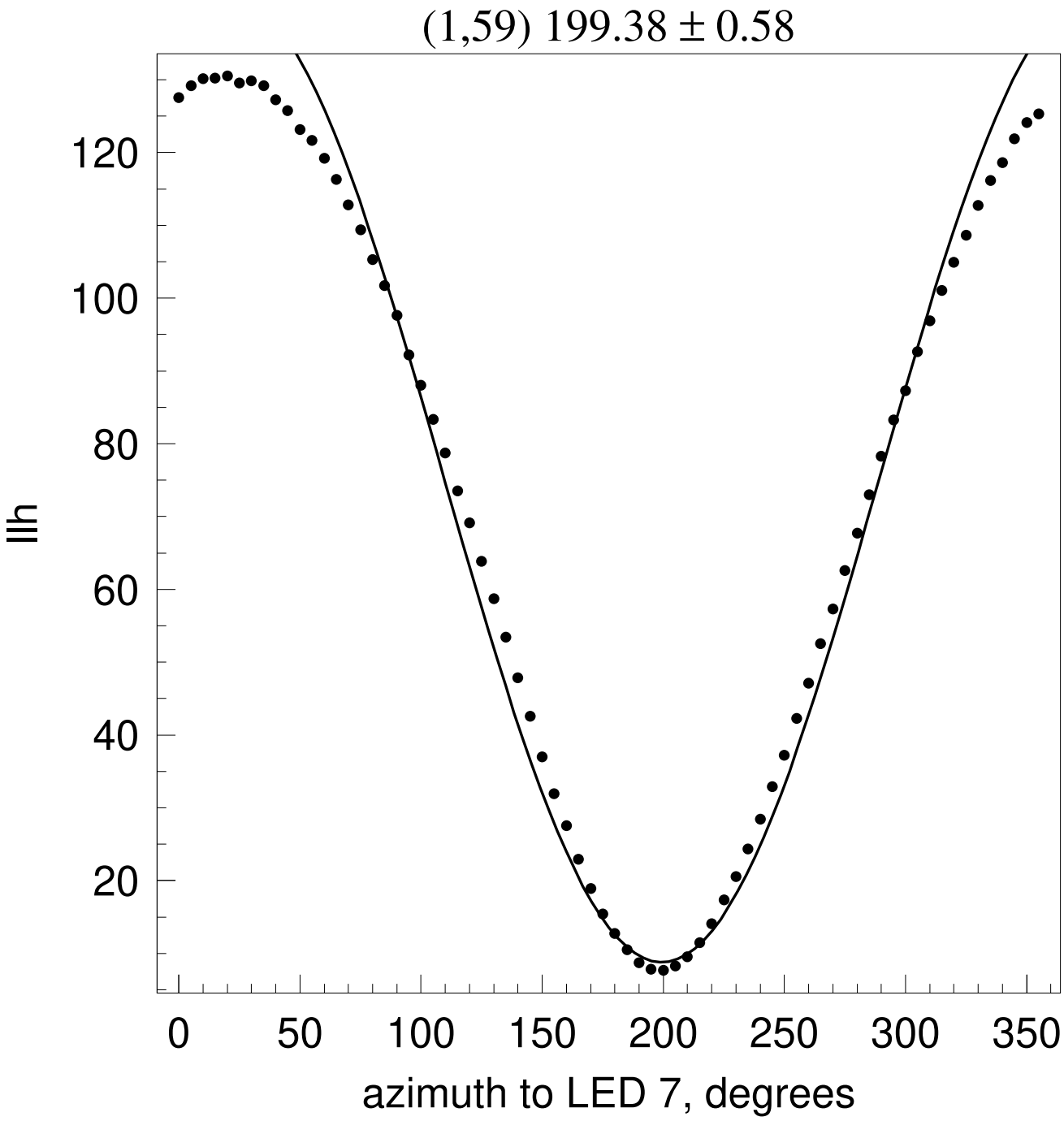

(1,54) 293.63 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

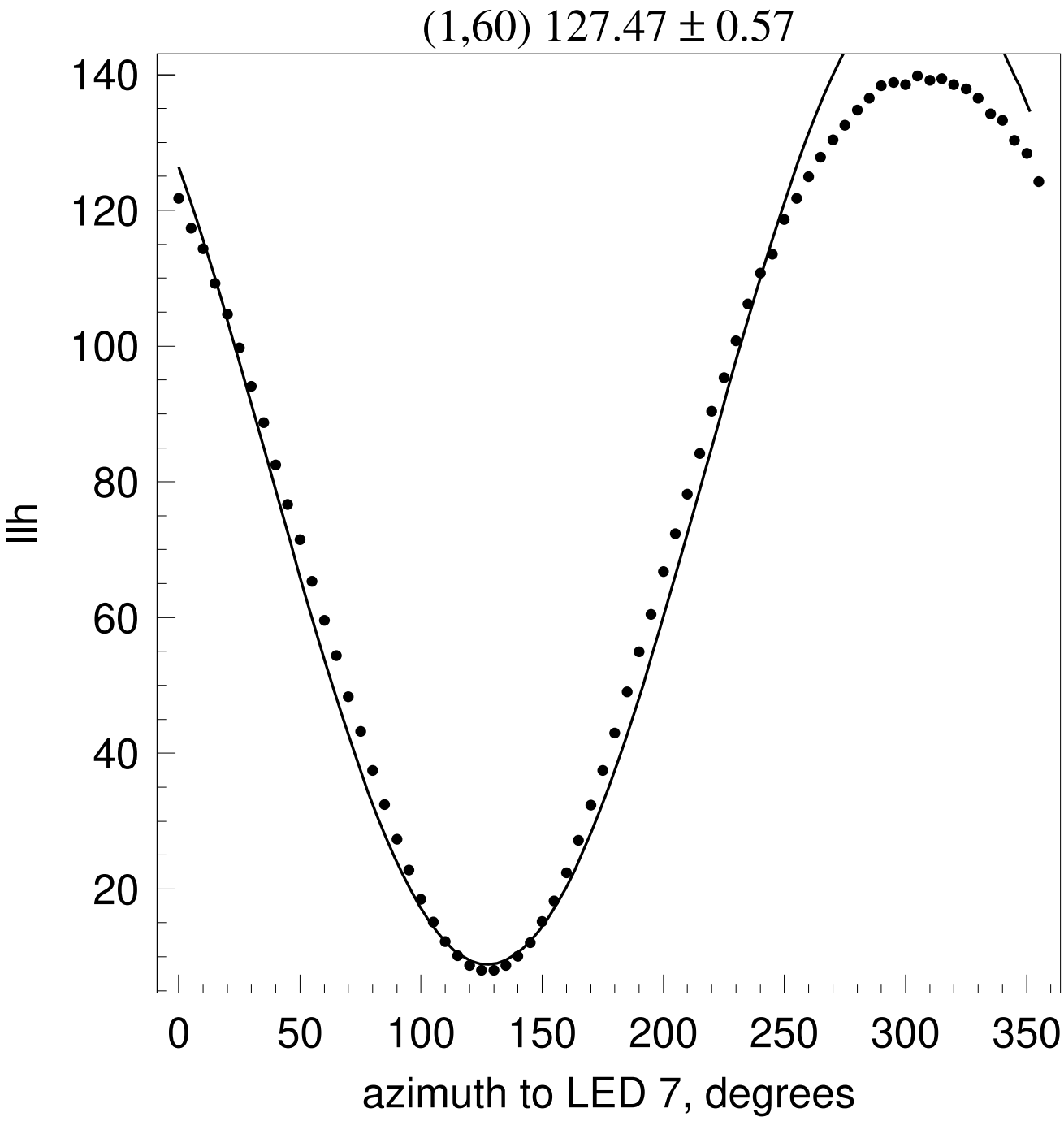

(1,55) 49.92 ± 0.22
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

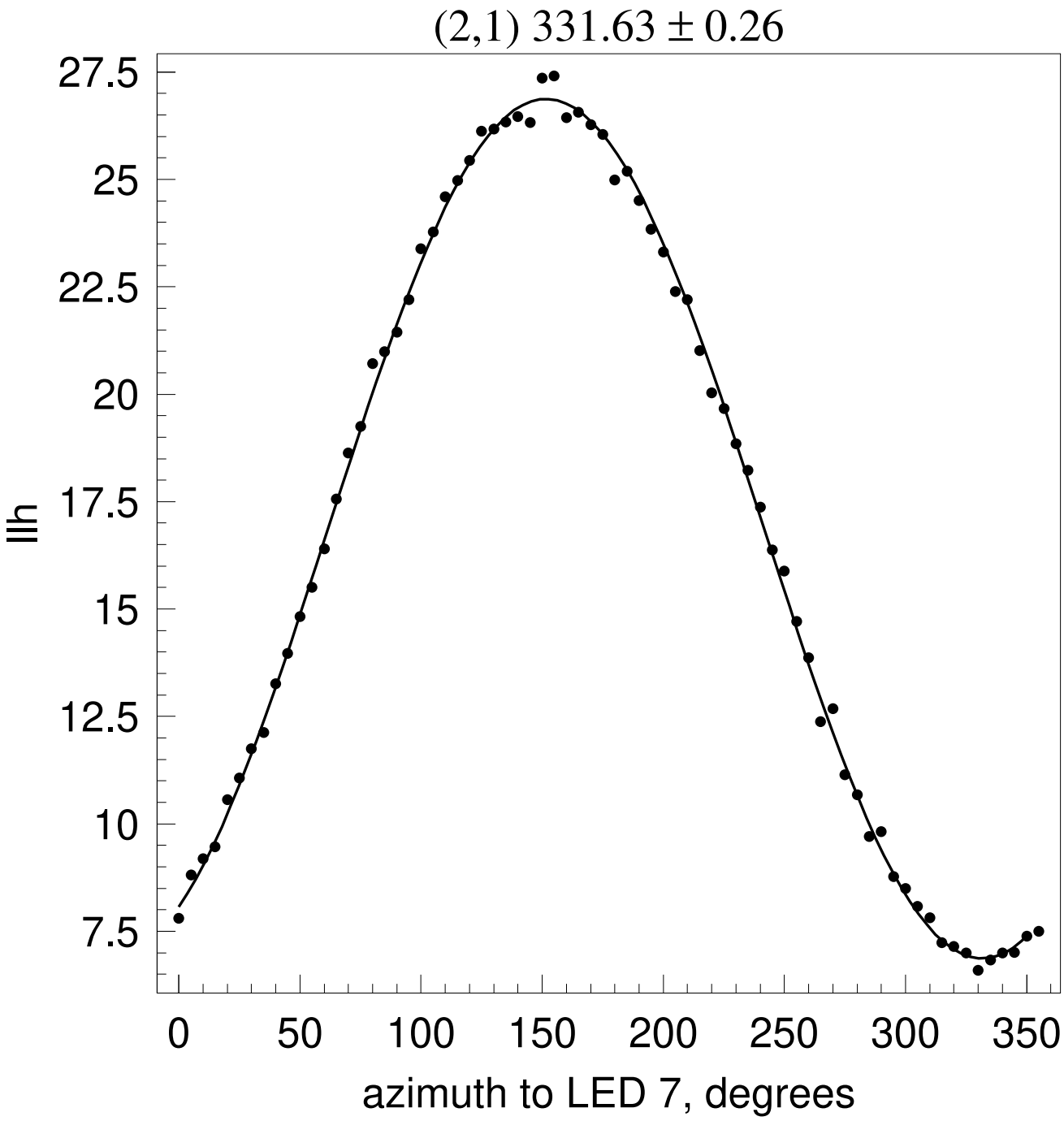

(1,56) 292.99 ± 0.26
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

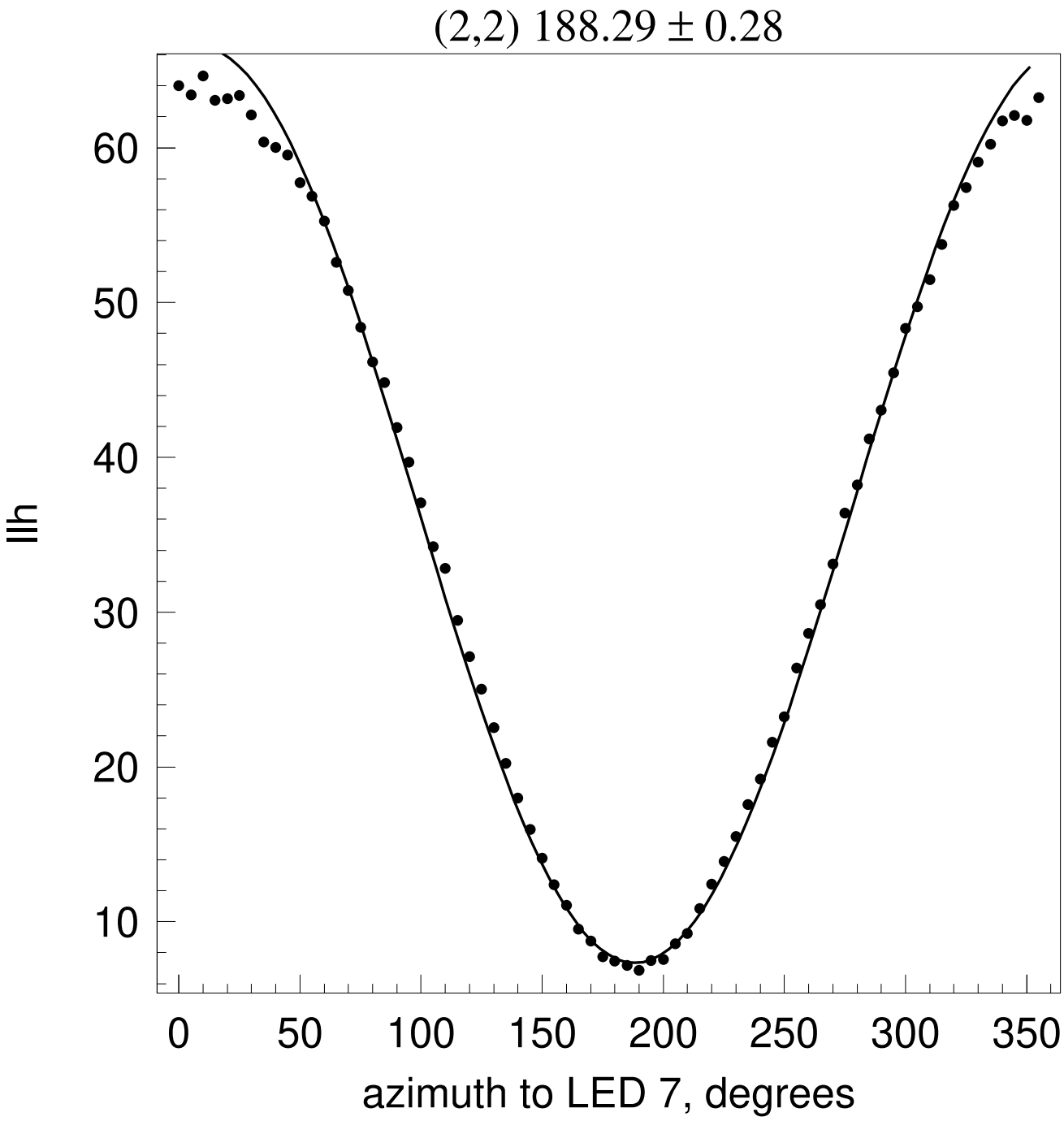

(1,57) 217.35 ± 0.44
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

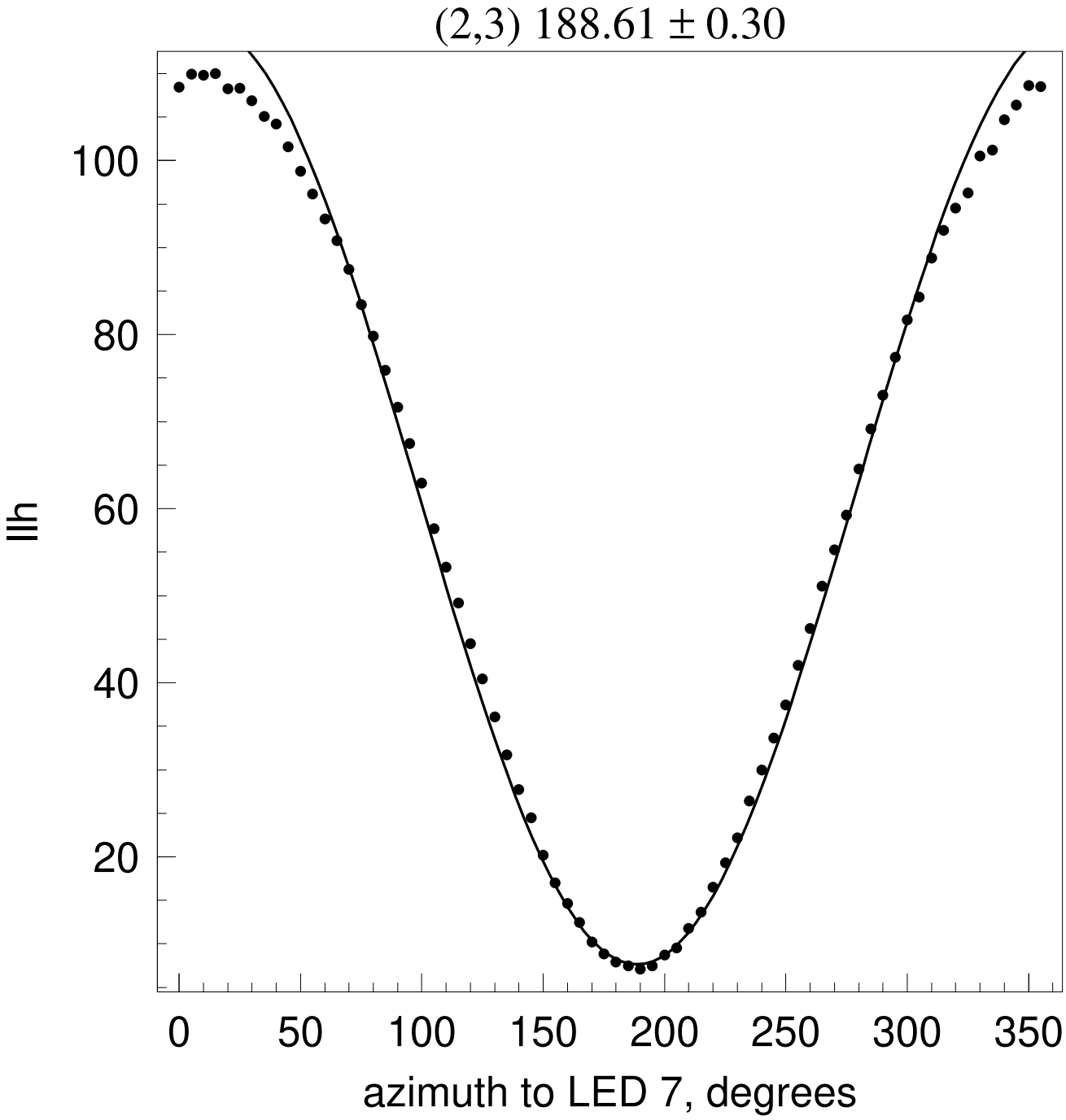

(1,58) 275.87 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

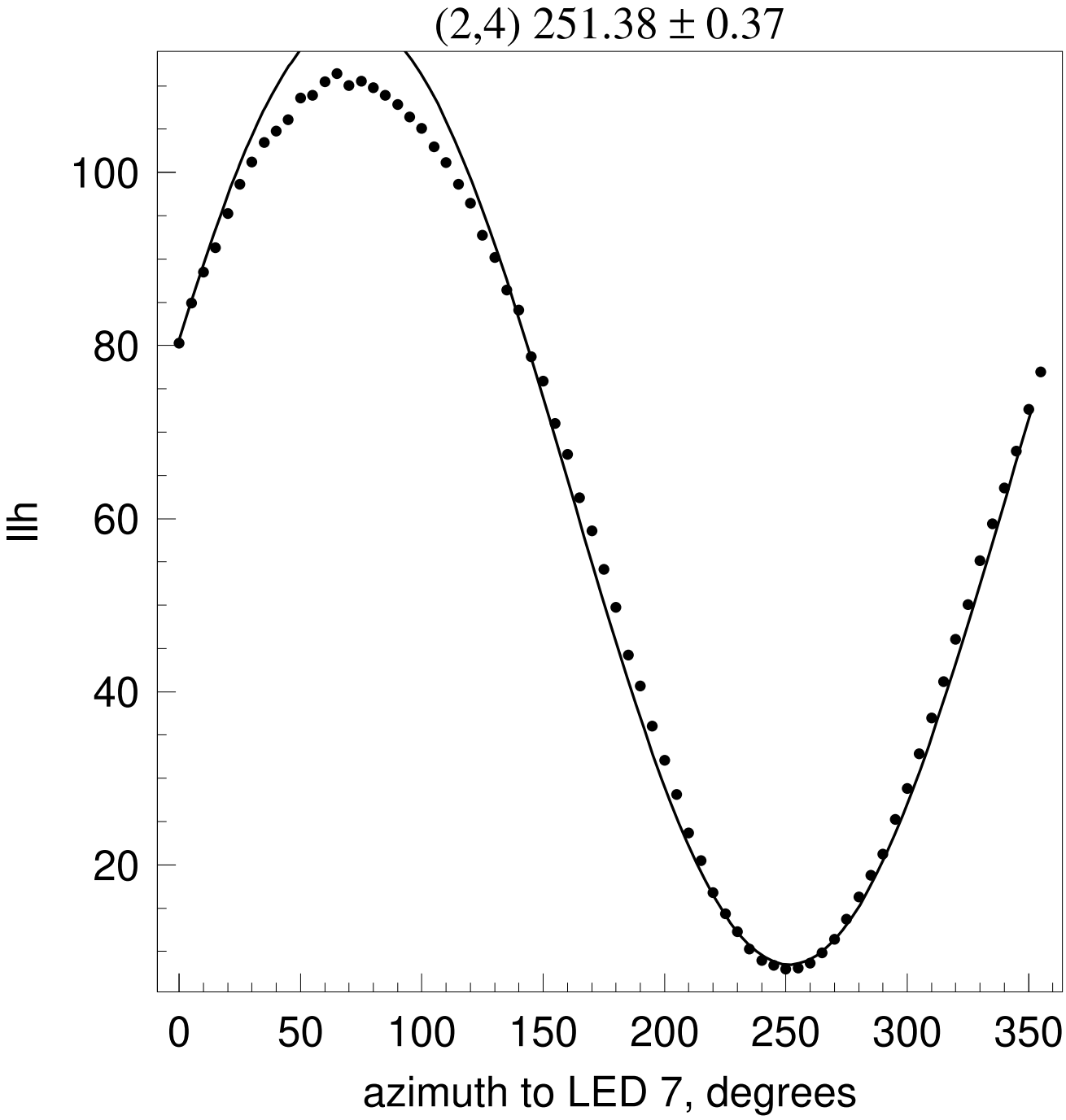

(1,59) 199.38 ± 0.58
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

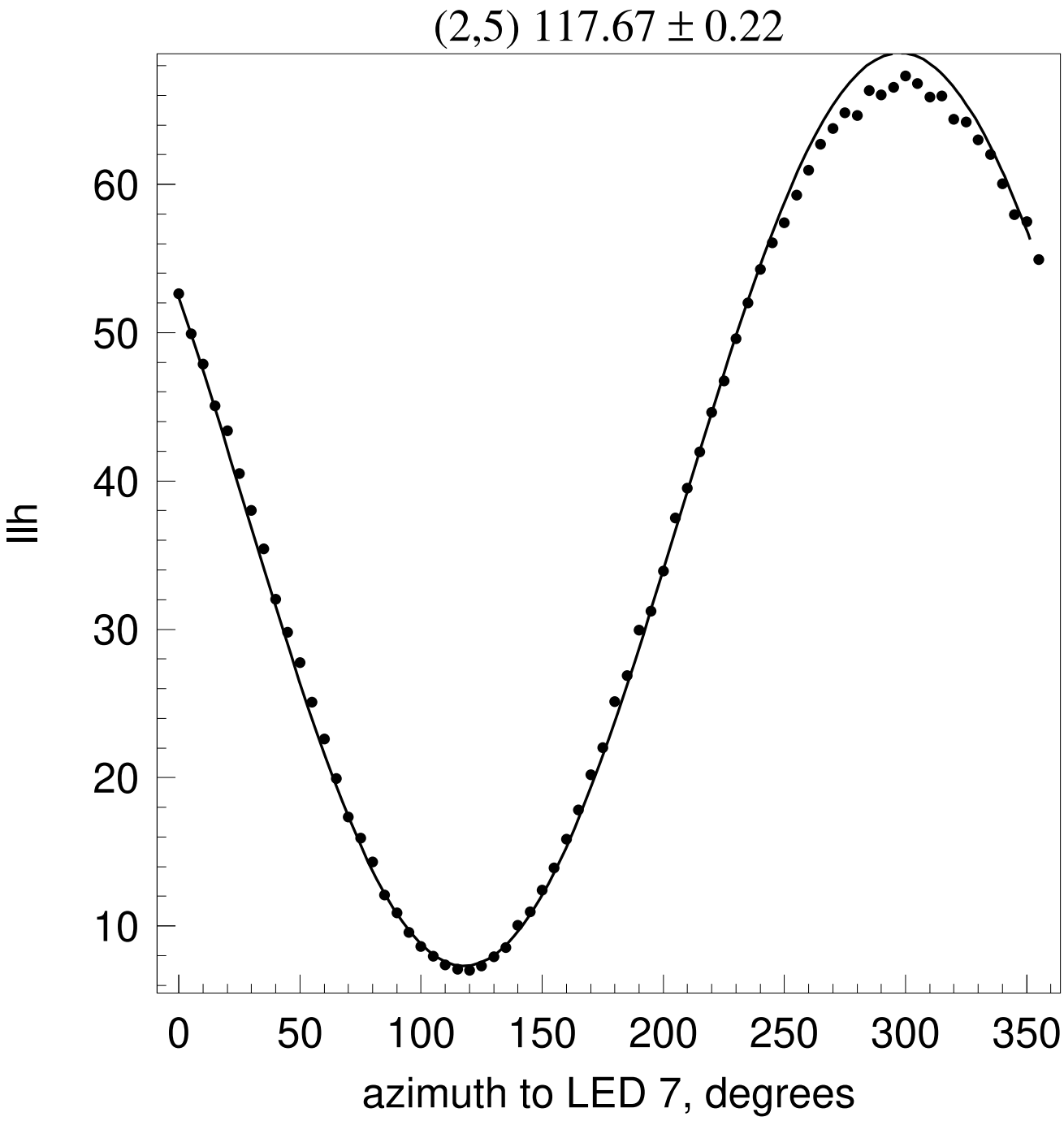

(1,60) 127.47 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

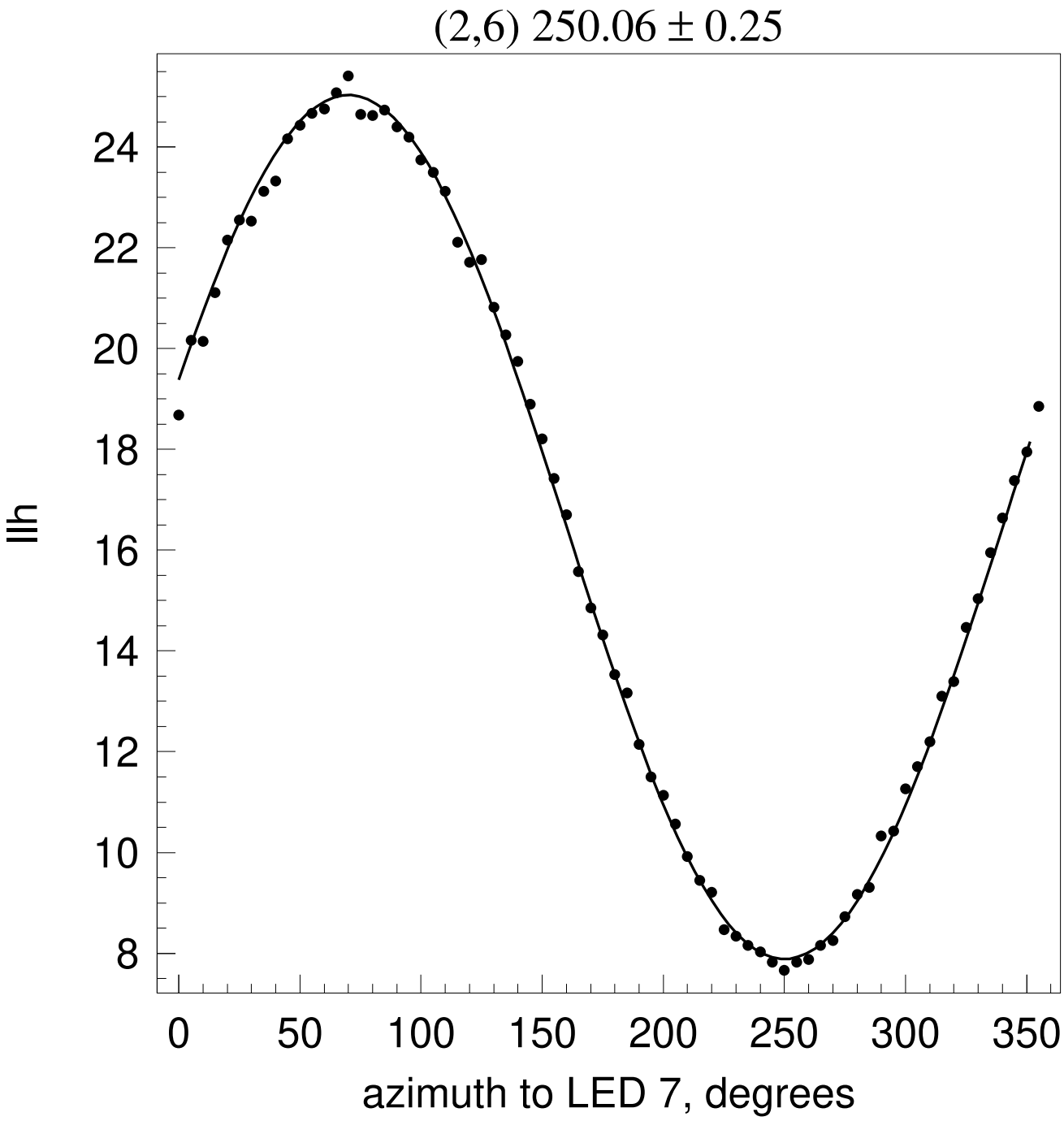

(2,1) 331.63 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

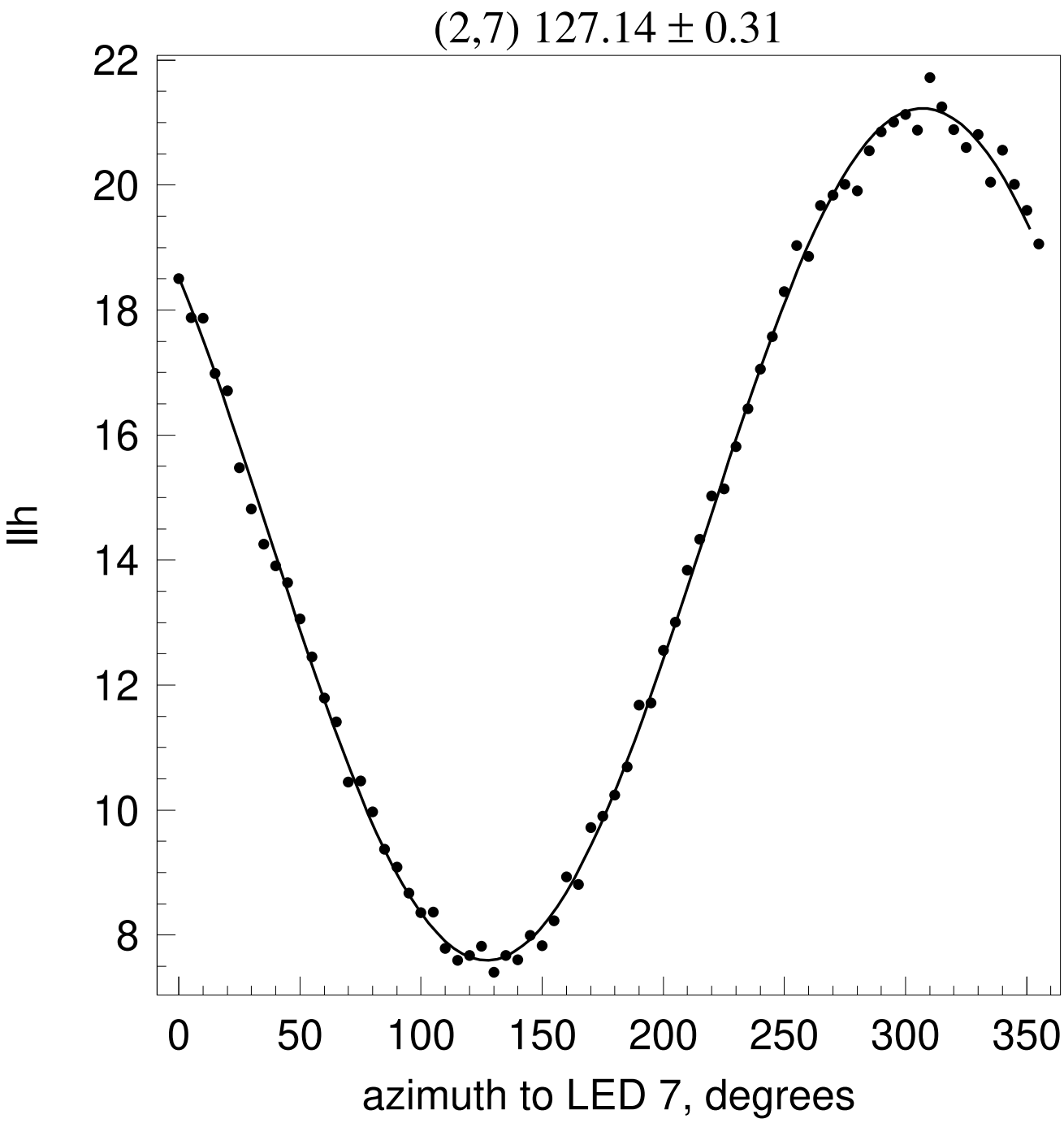

(2,2) 188.29 ± 0.28
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

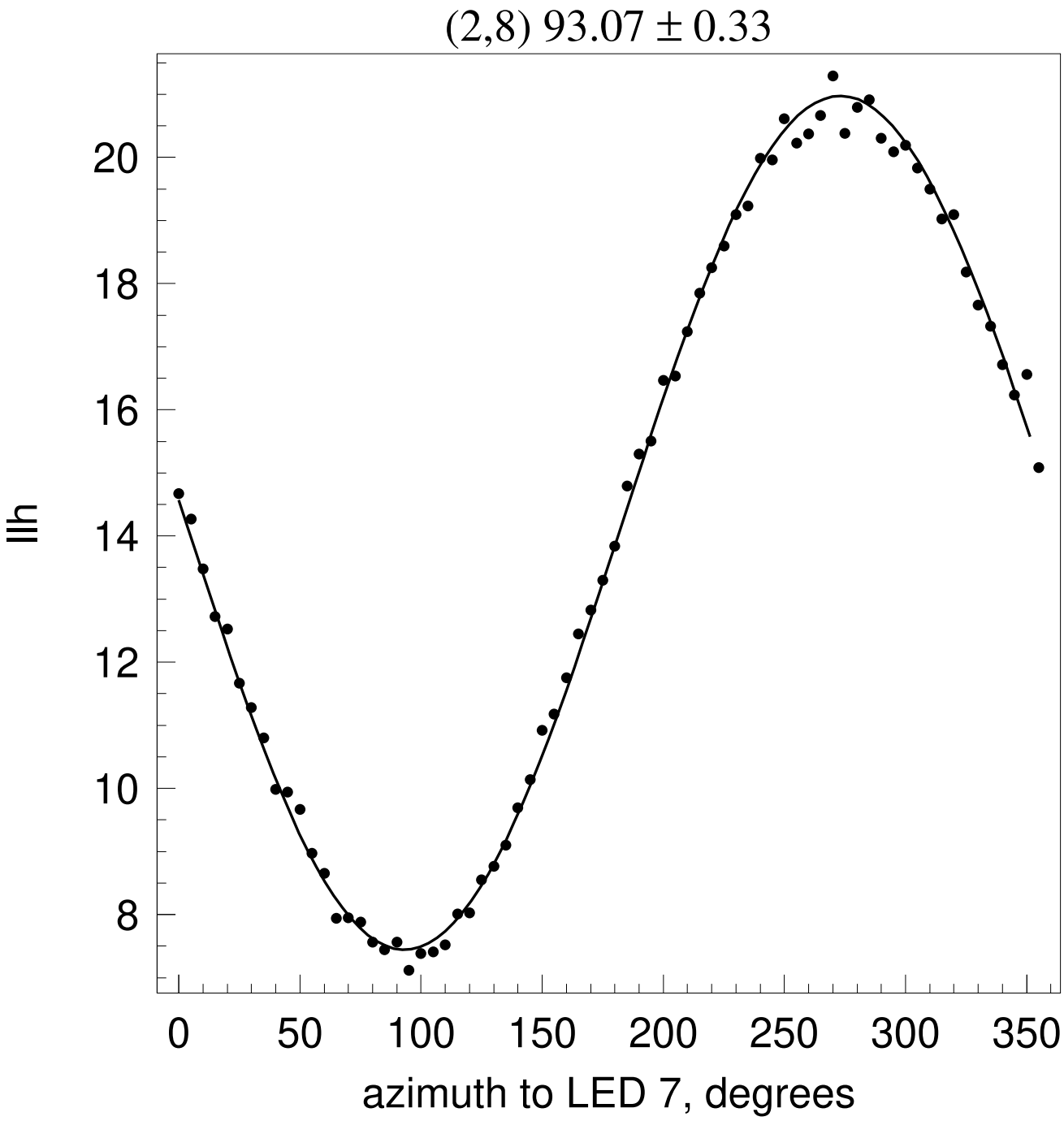

(2,3) 188.61 ± 0.30
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

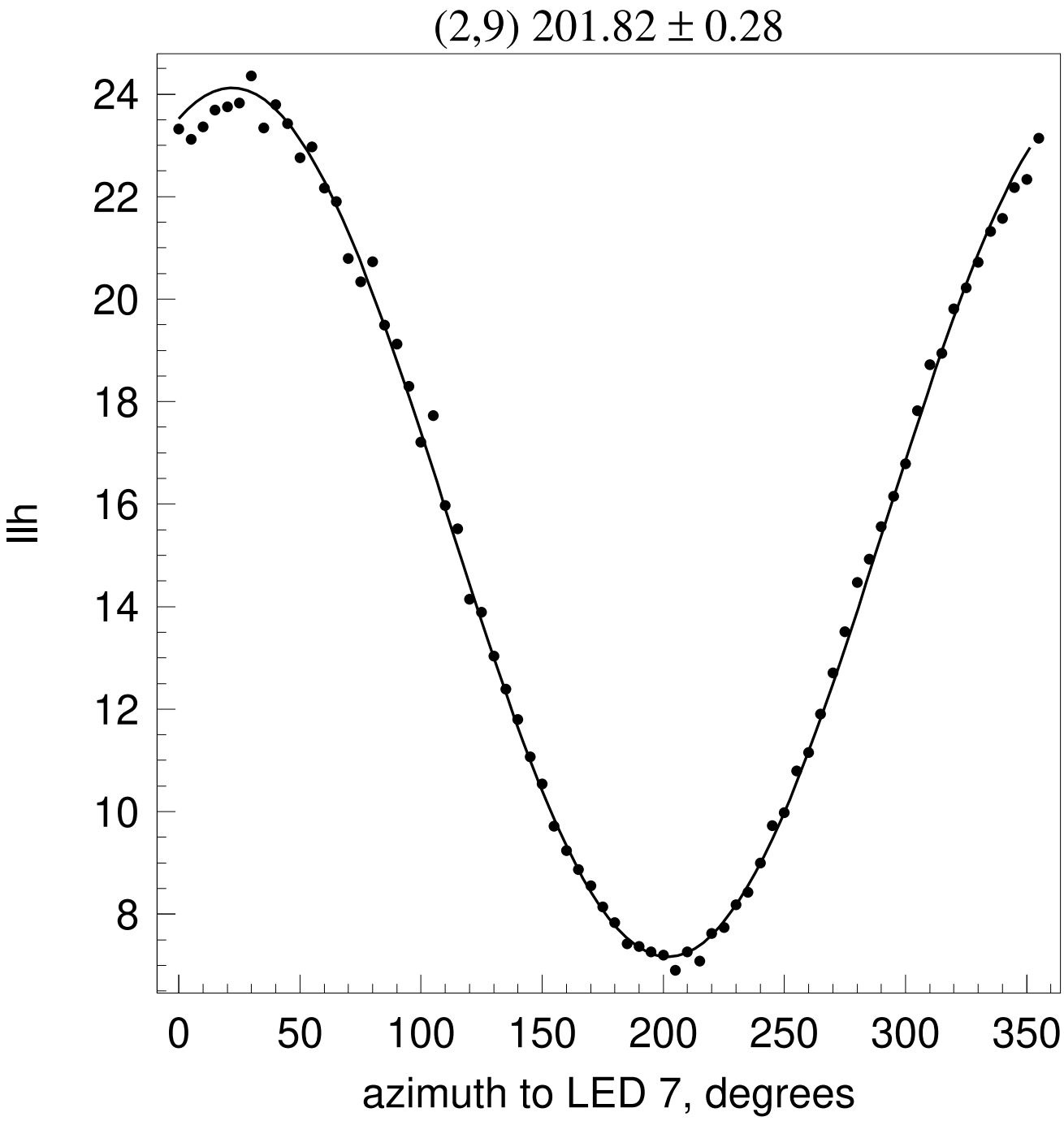

(2,4) 251.38 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

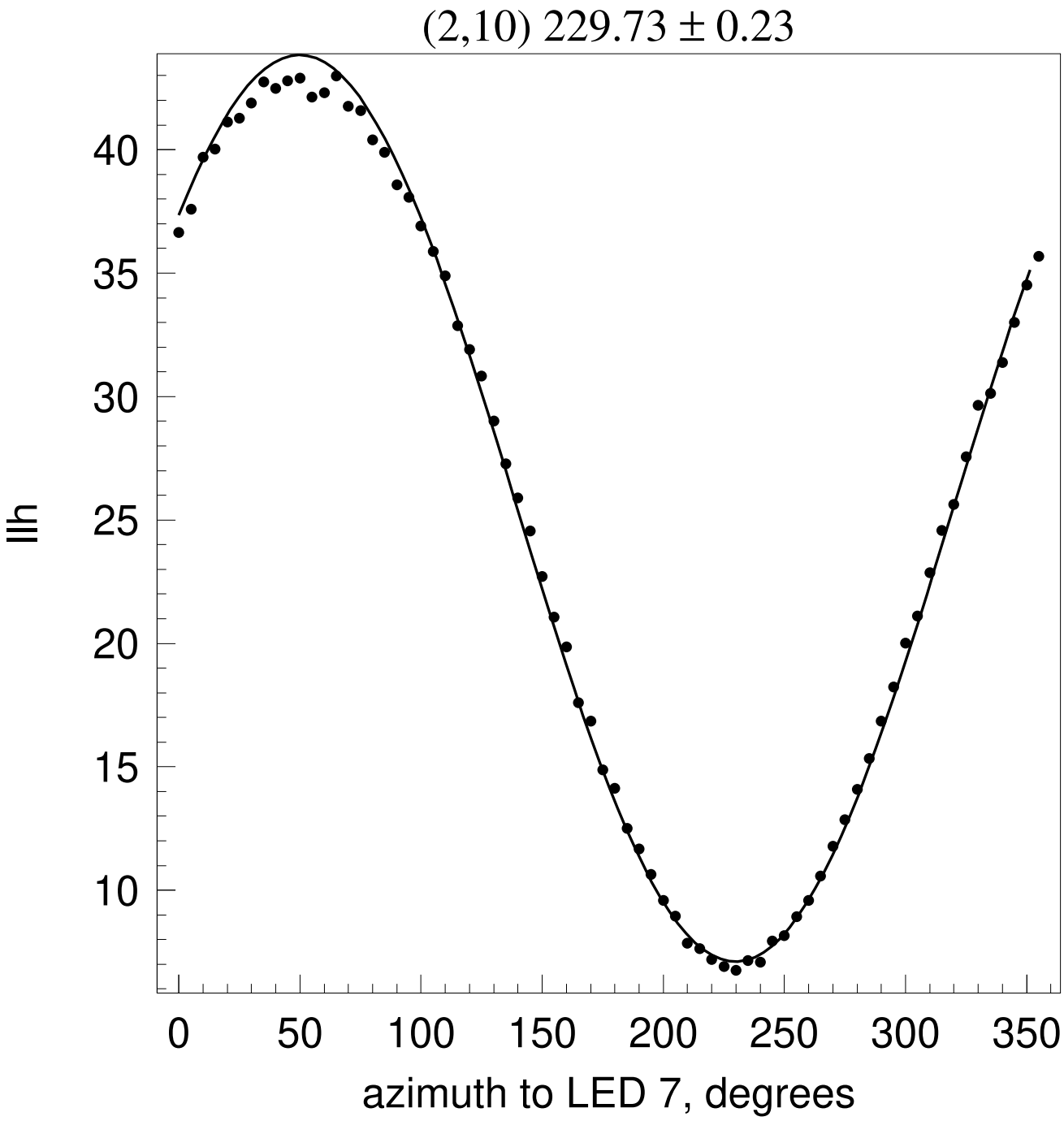

(2,5) 117.67 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

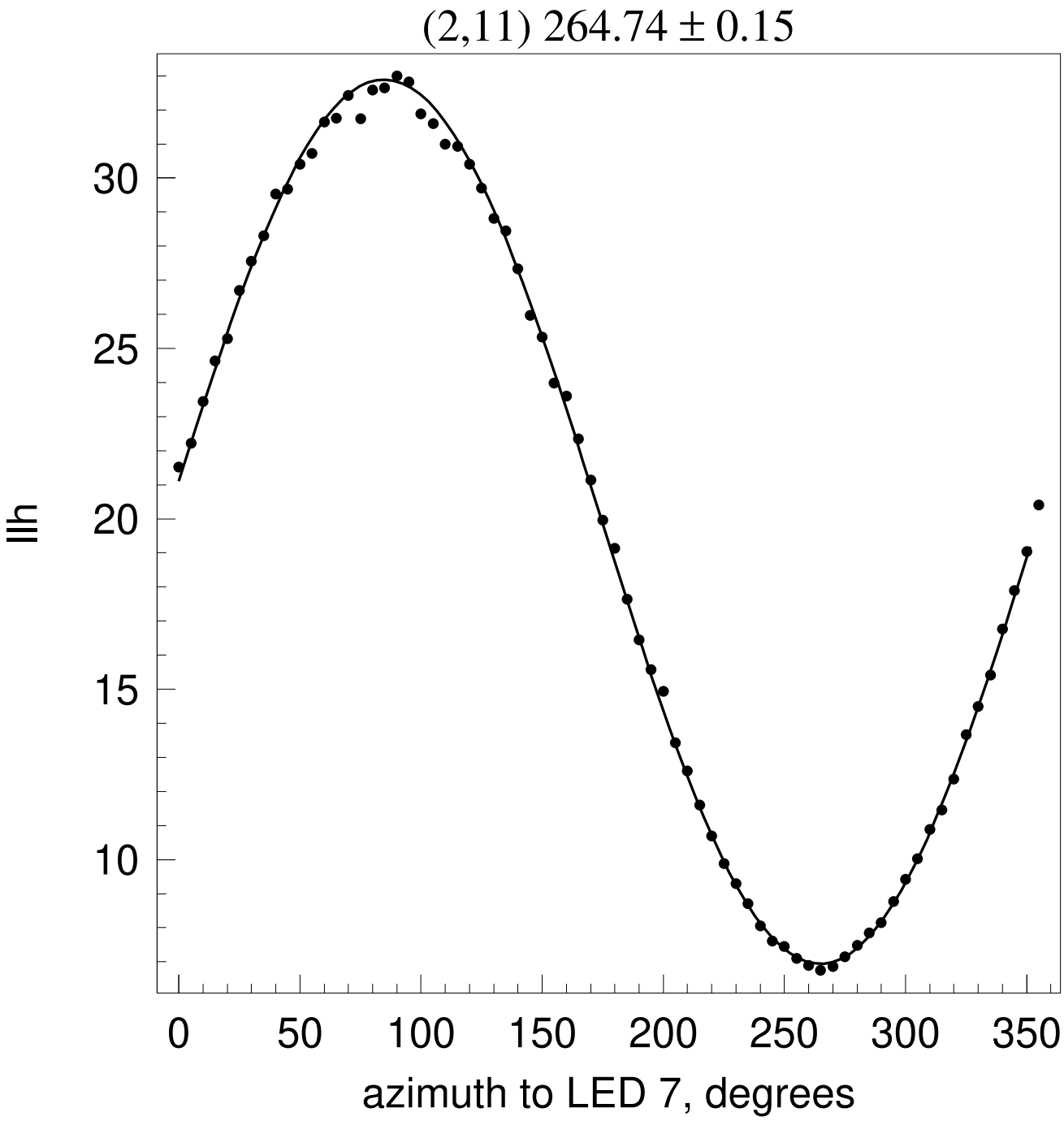

(2,6) 250.06 ± 0.25
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

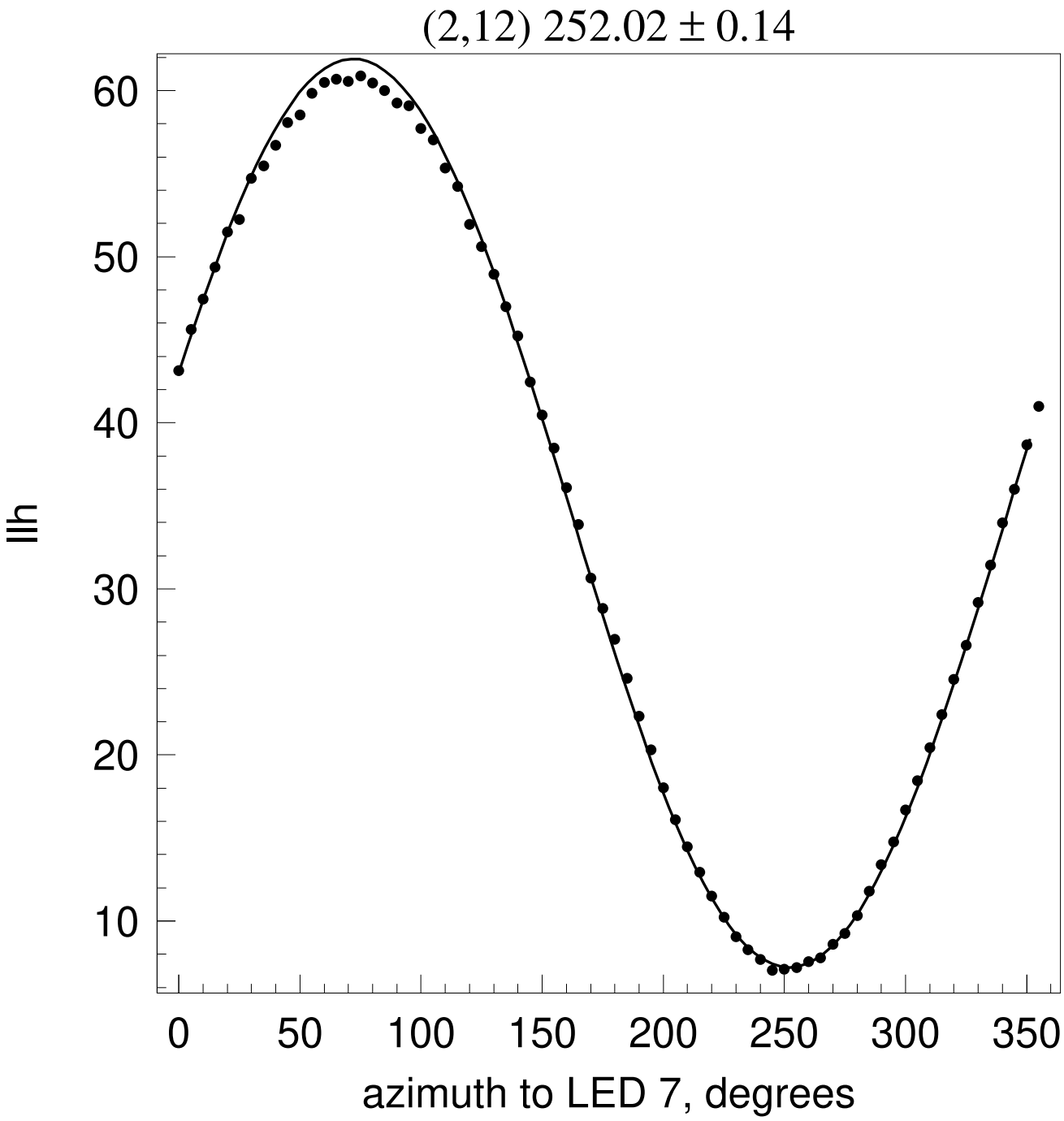

(2,7) 127.14 ± 0.31
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

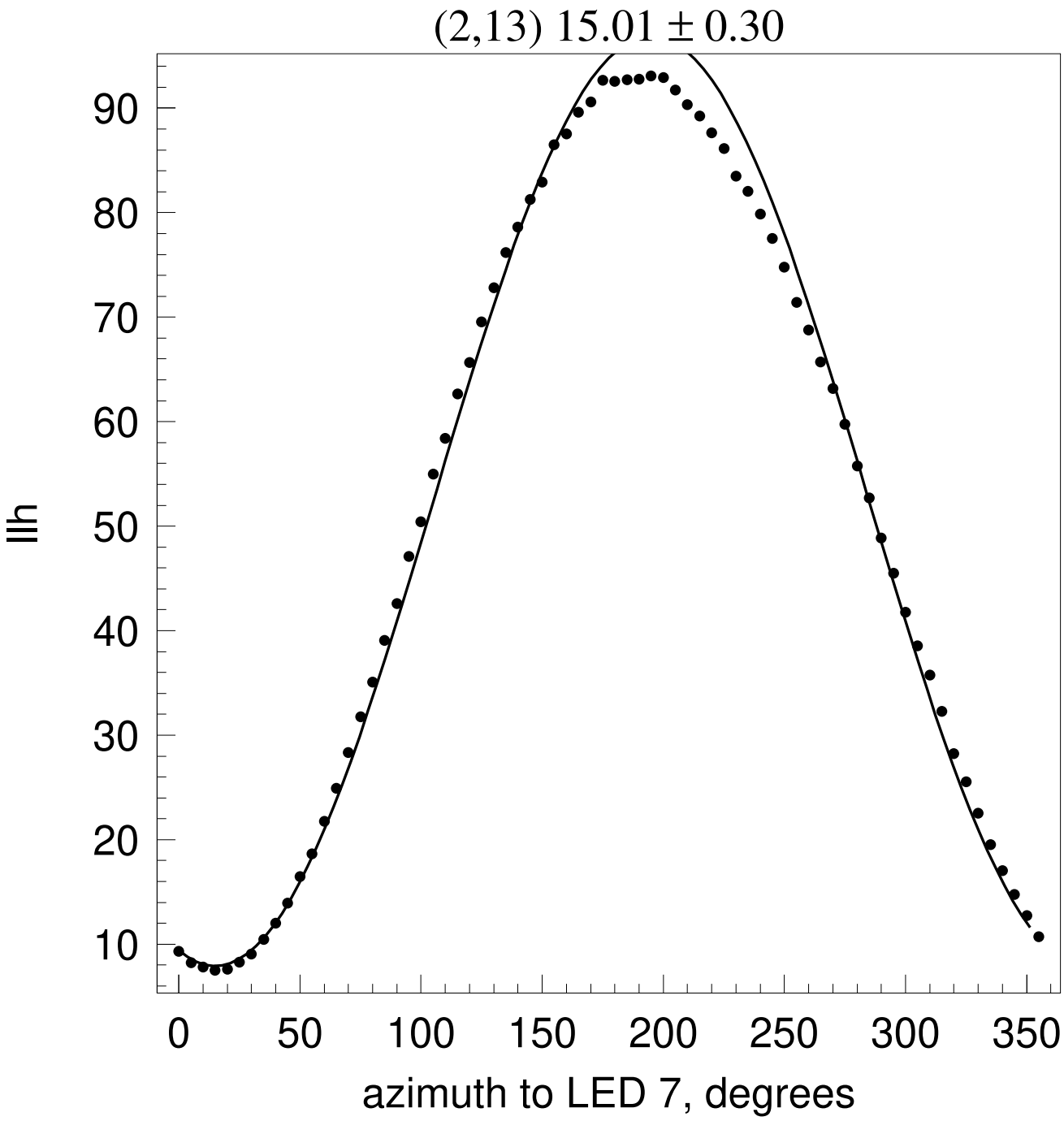

(2,8) 93.07 ± 0.33
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

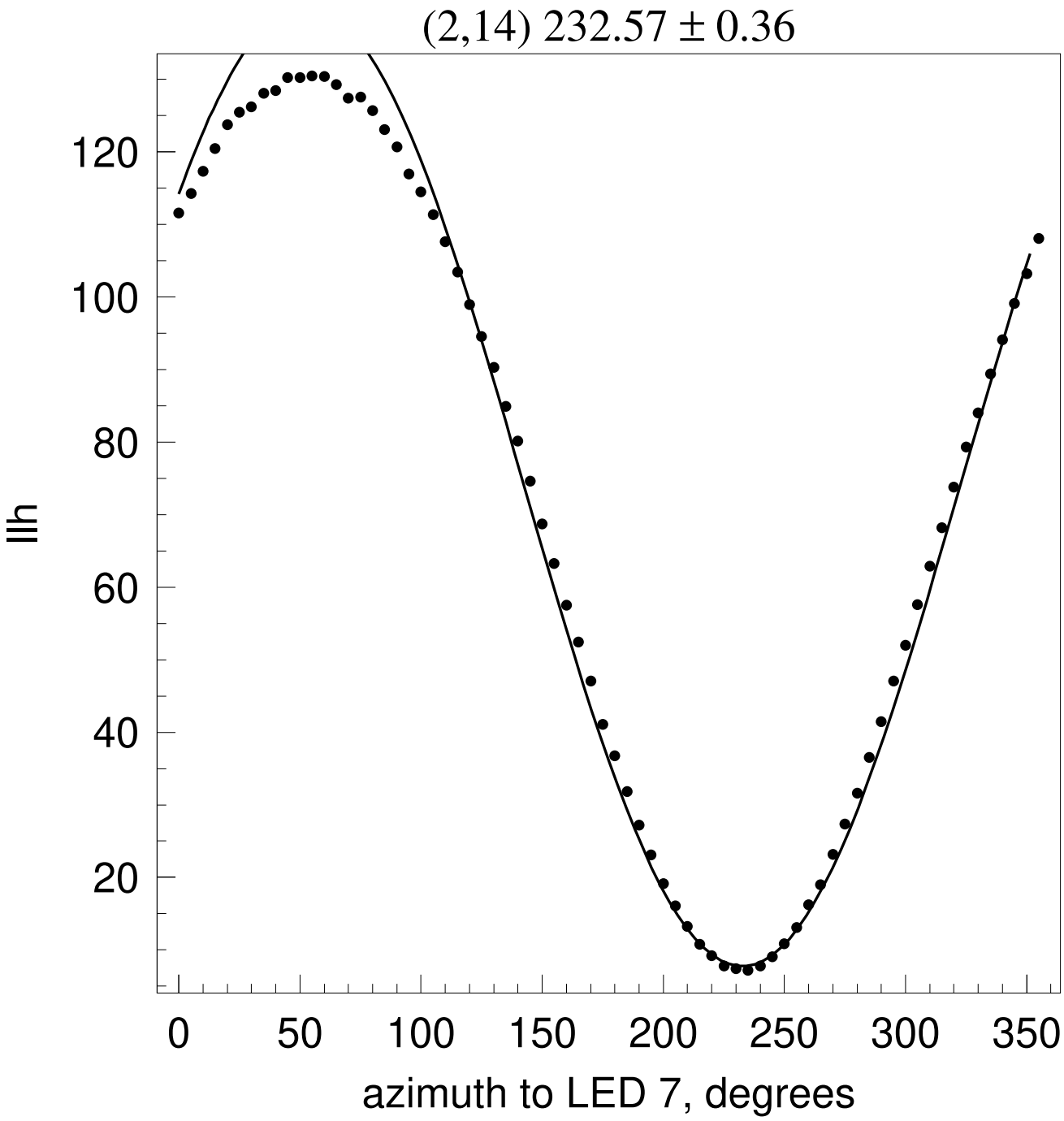

(2,9) 201.82 ± 0.28
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

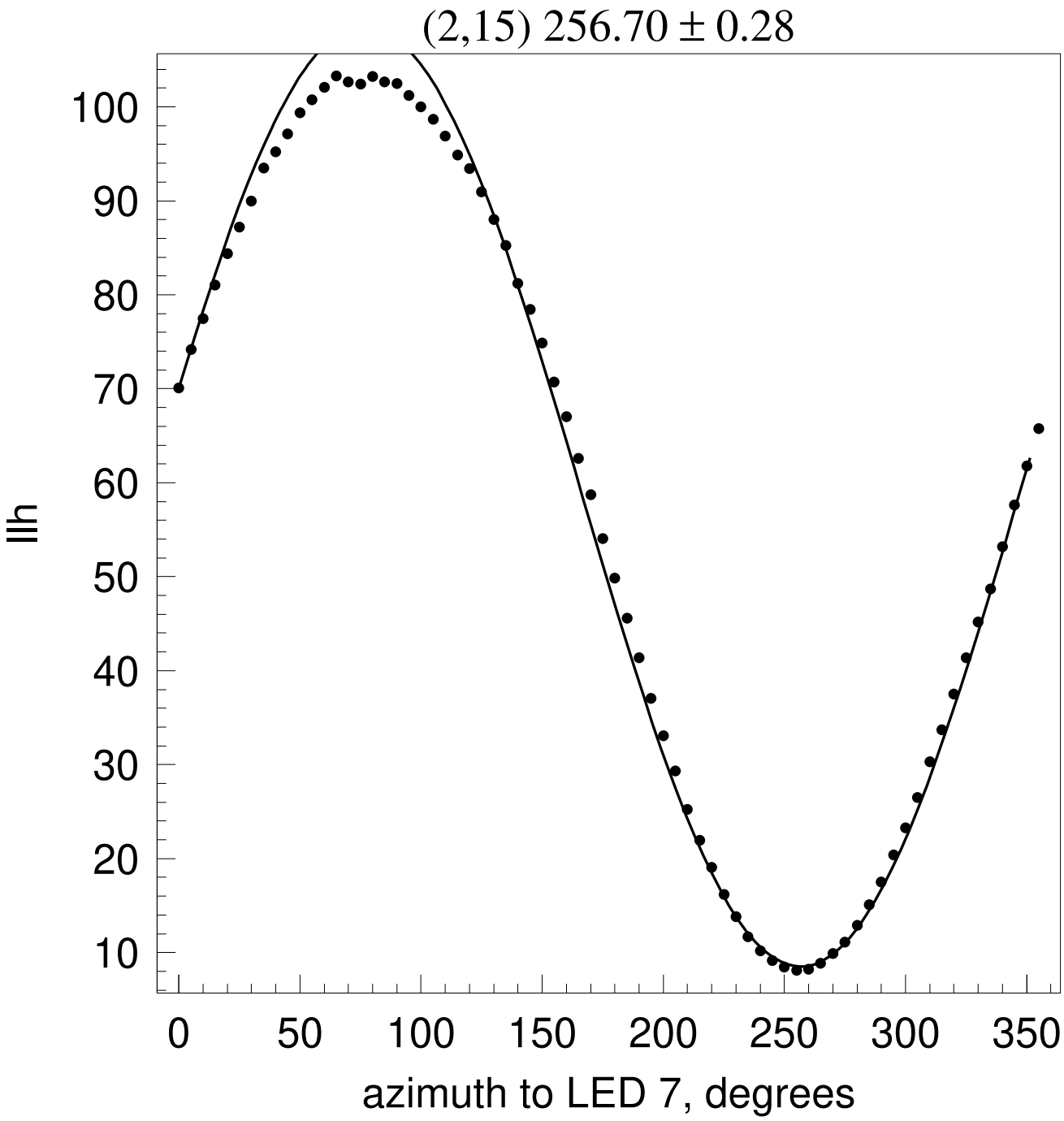

(2,10) 229.73 ± 0.23
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

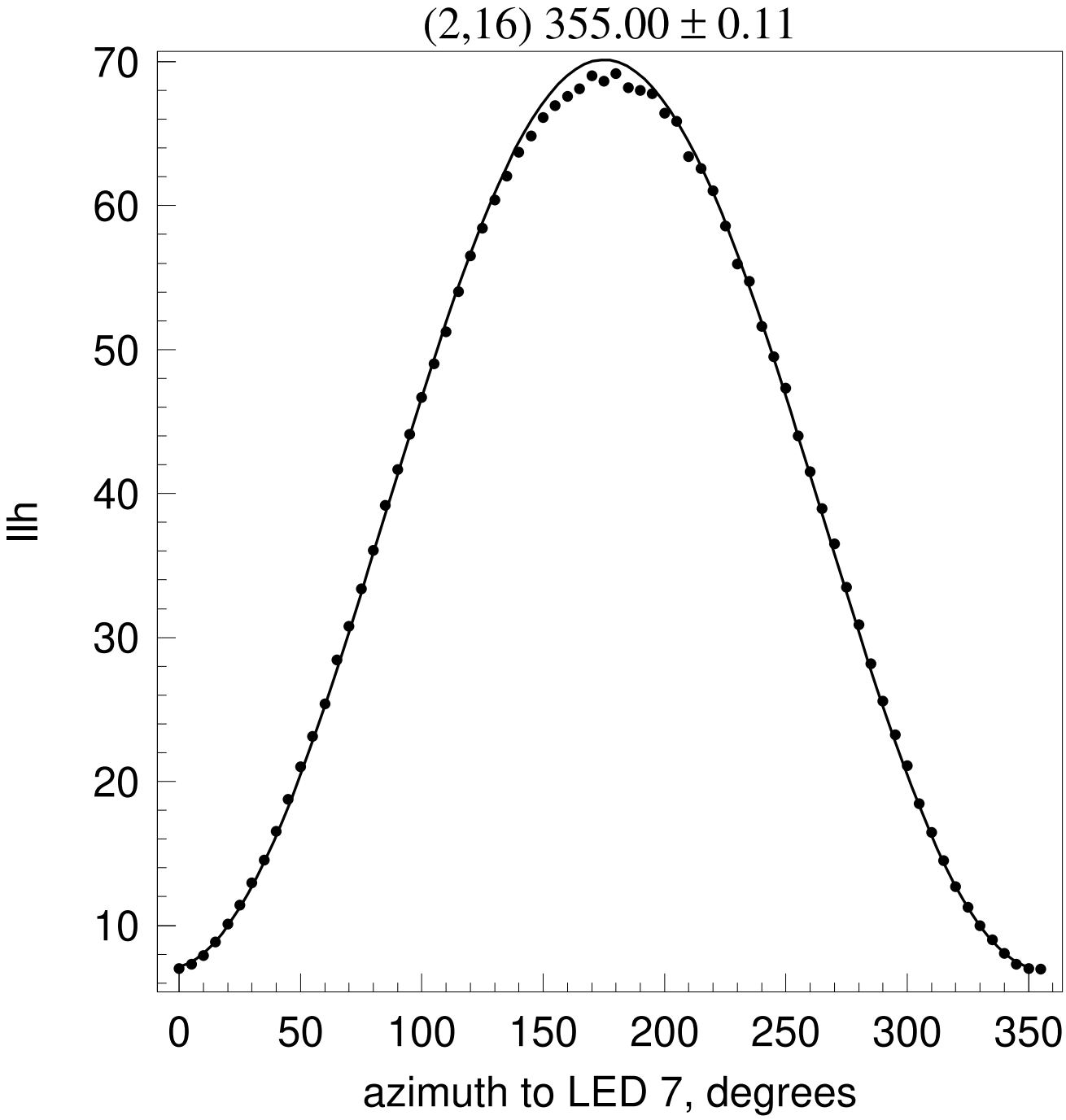

(2,11) 264.74 ± 0.15
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

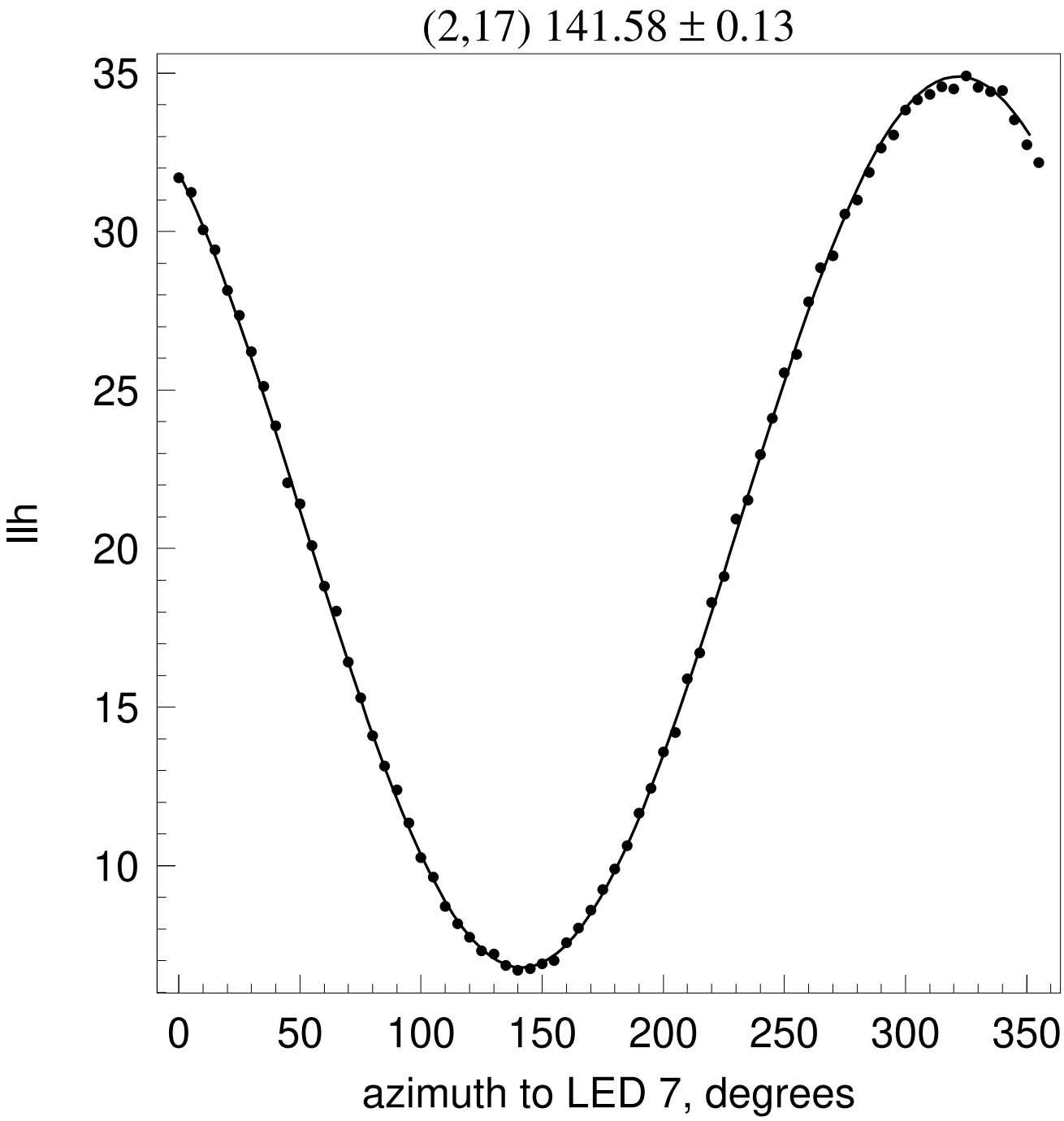

(2,12) 252.02 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

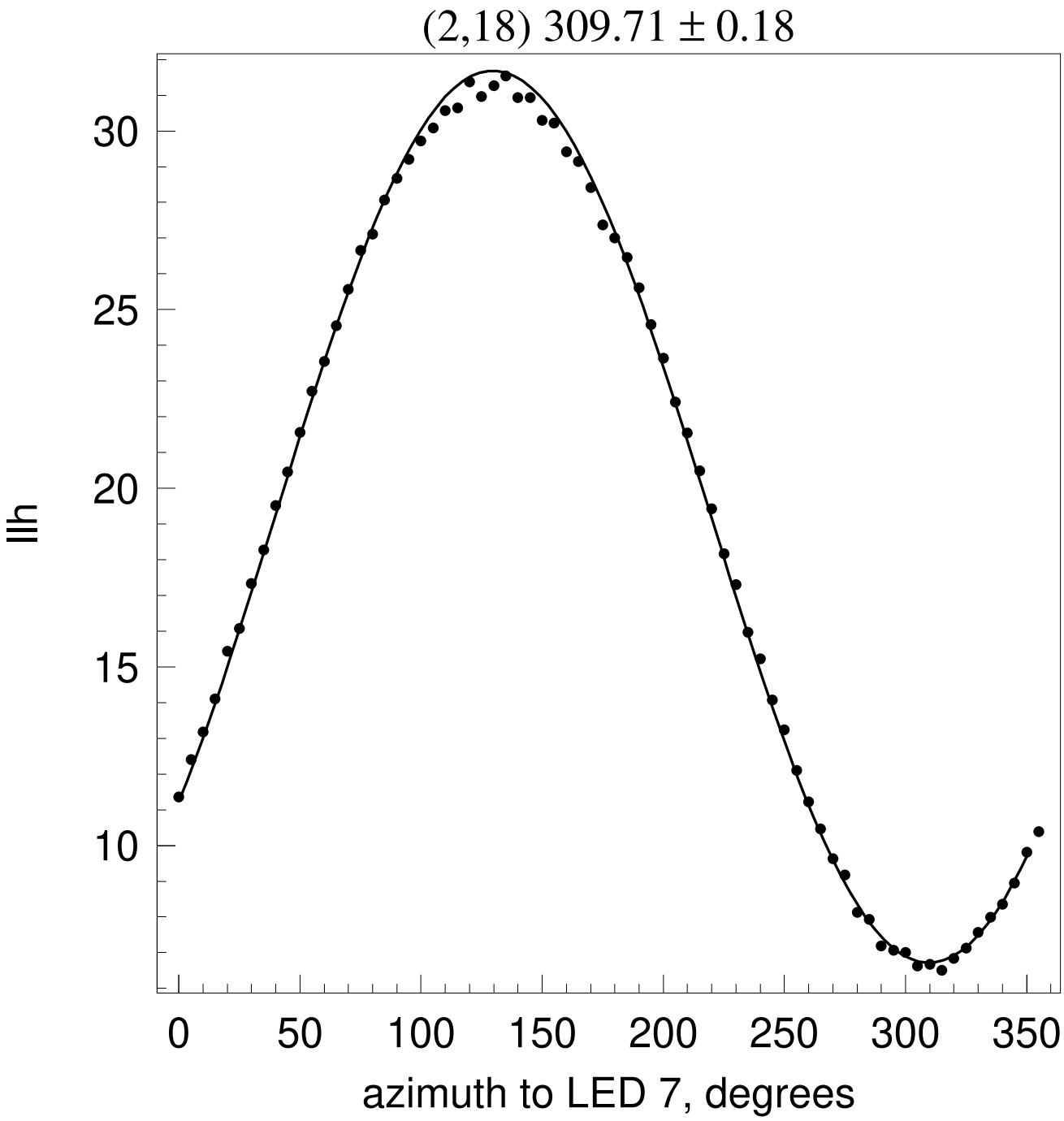

(2,13) 15.01 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

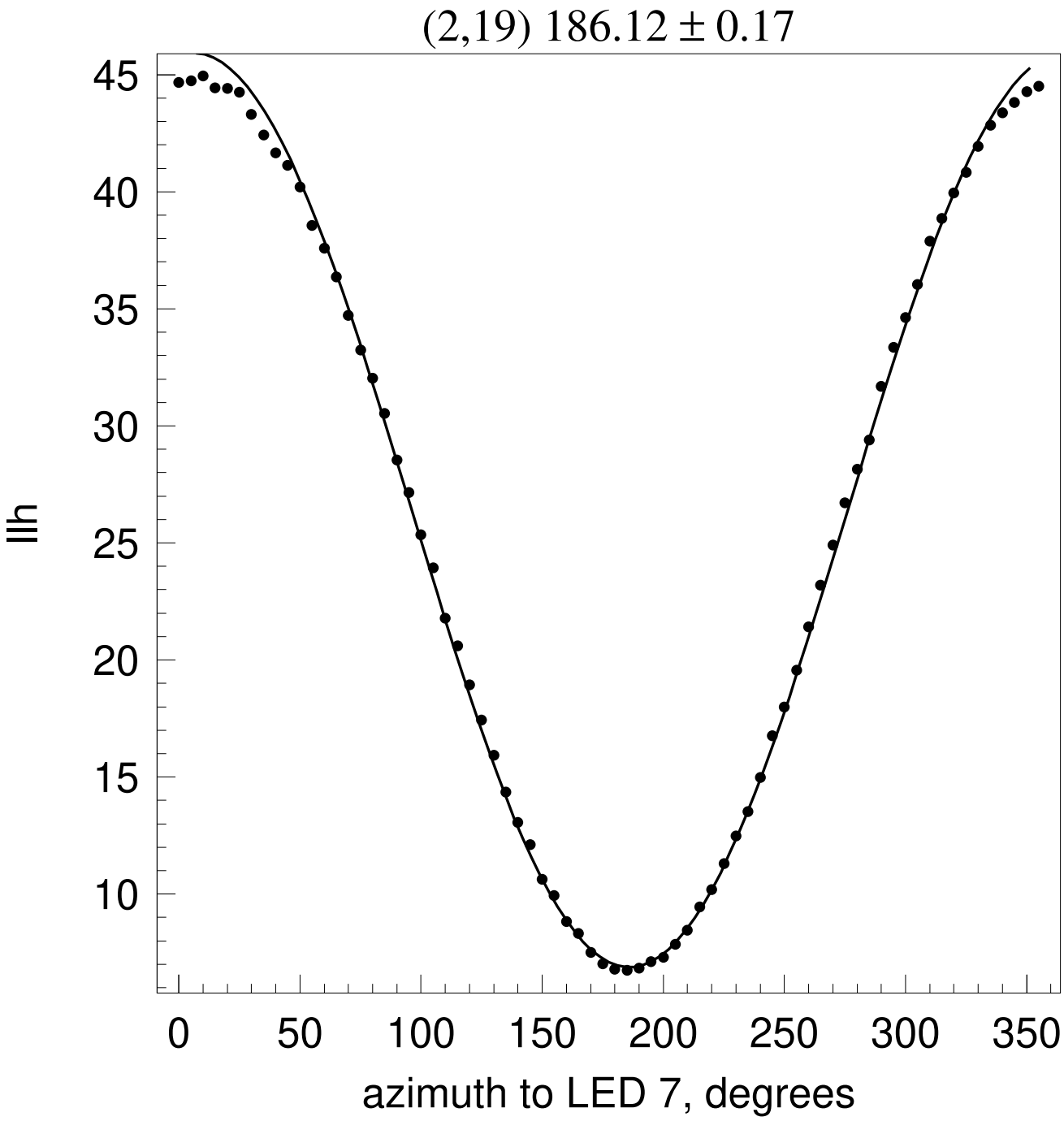

(2,14) 232.57 ± 0.36
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

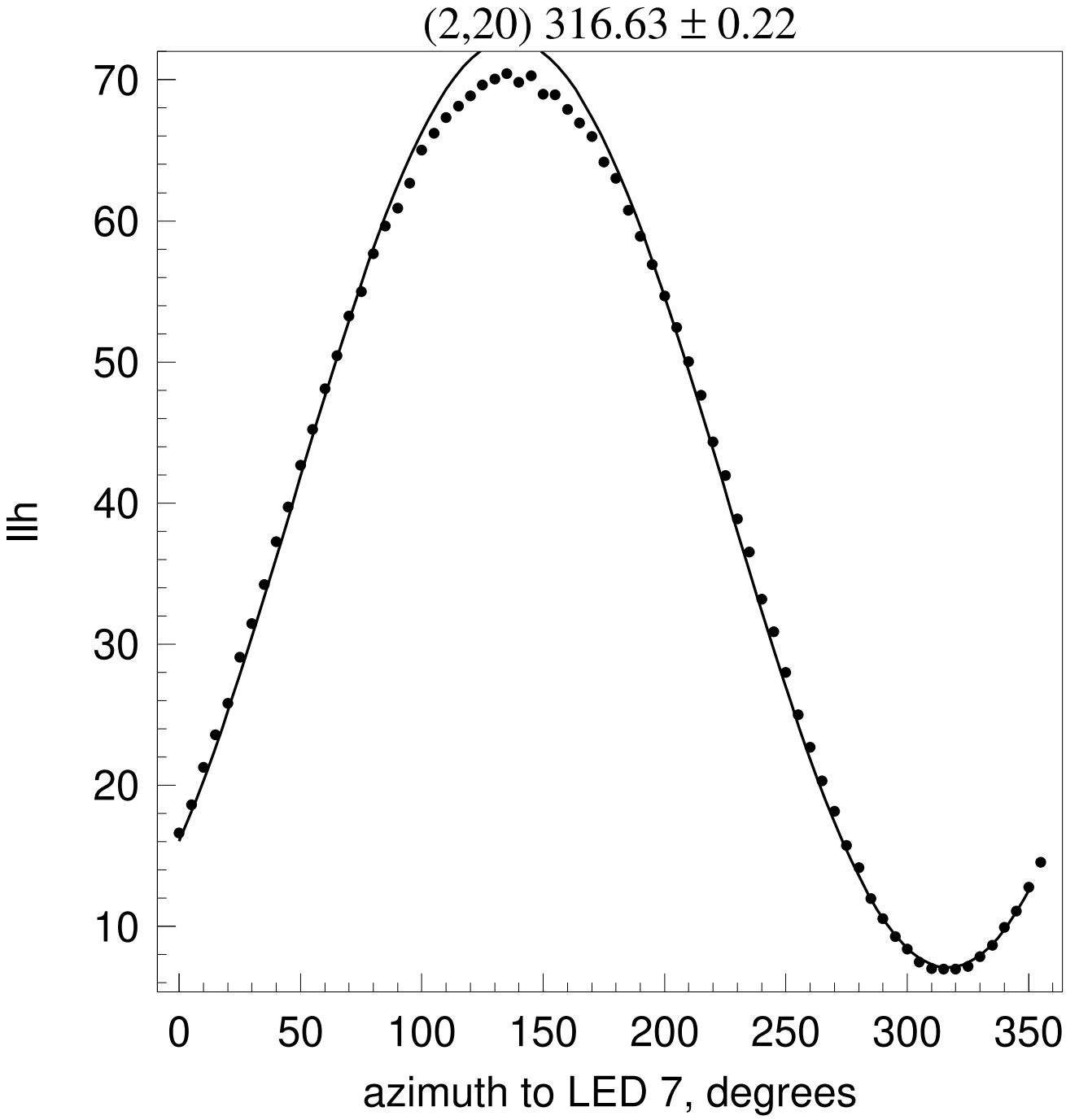

(2,15) 256.70 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

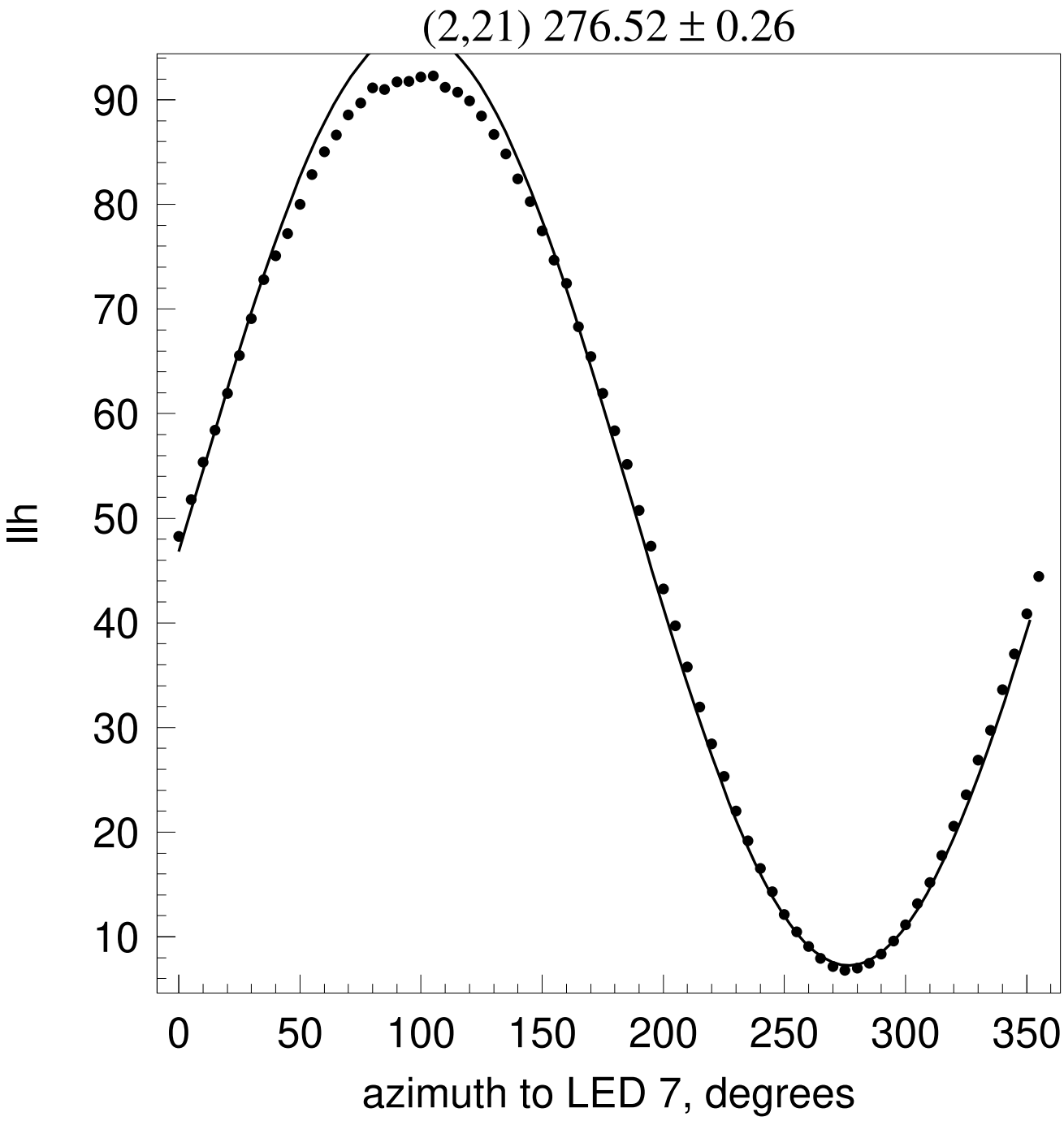

(2,16) 355.00 ± 0.11
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

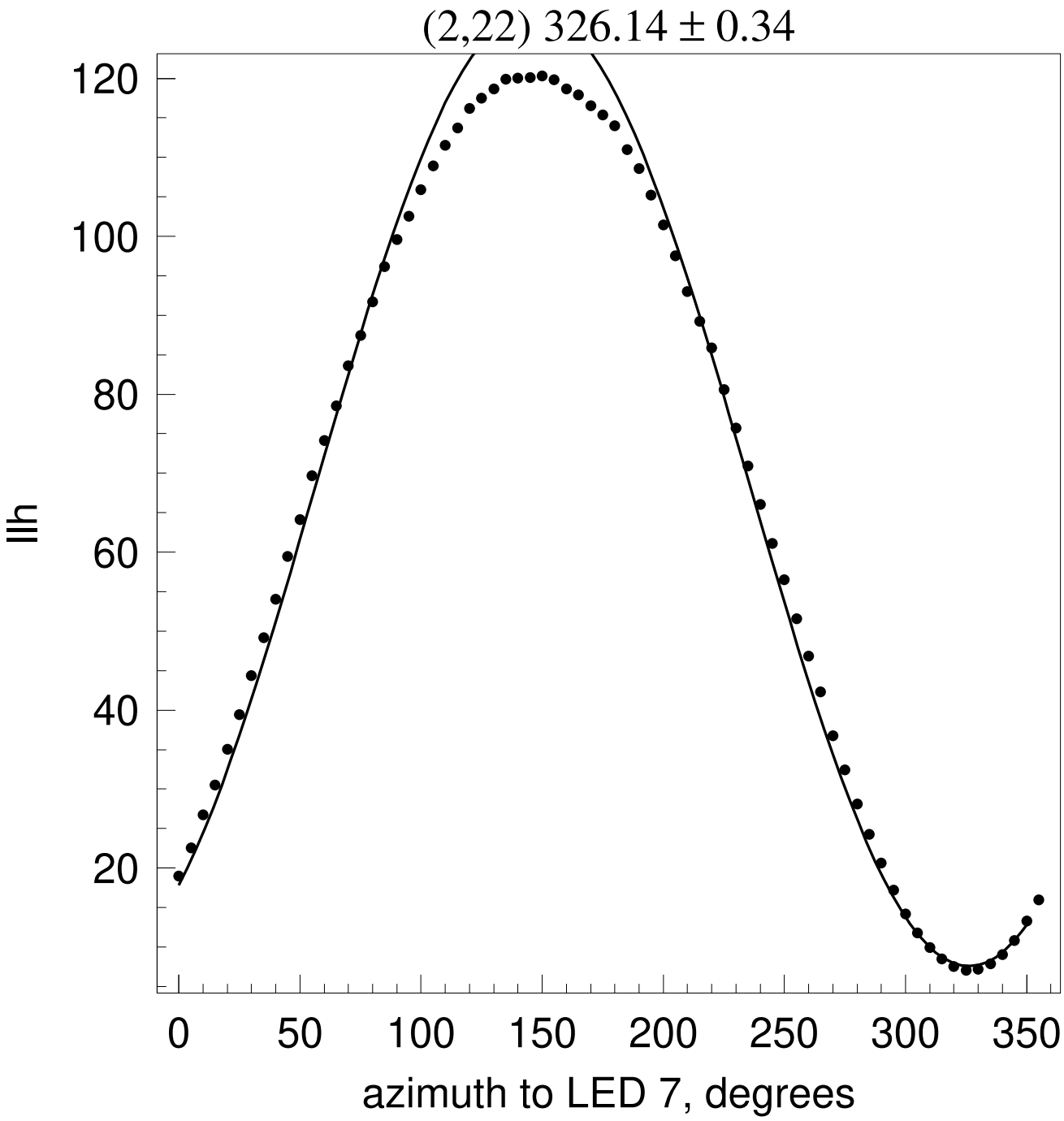

(2,17) 141.58 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

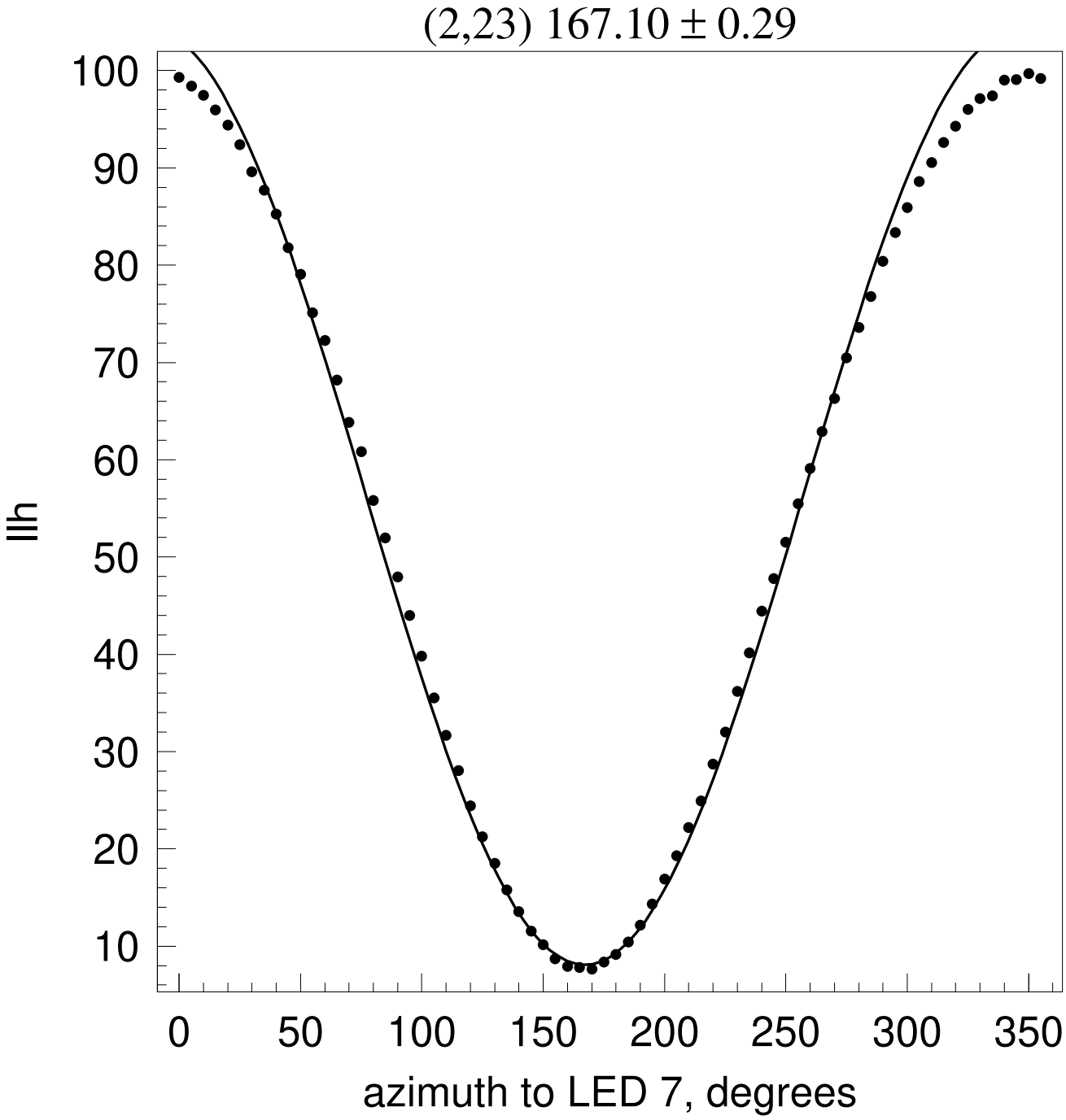

(2,18) 309.71 ± 0.18
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

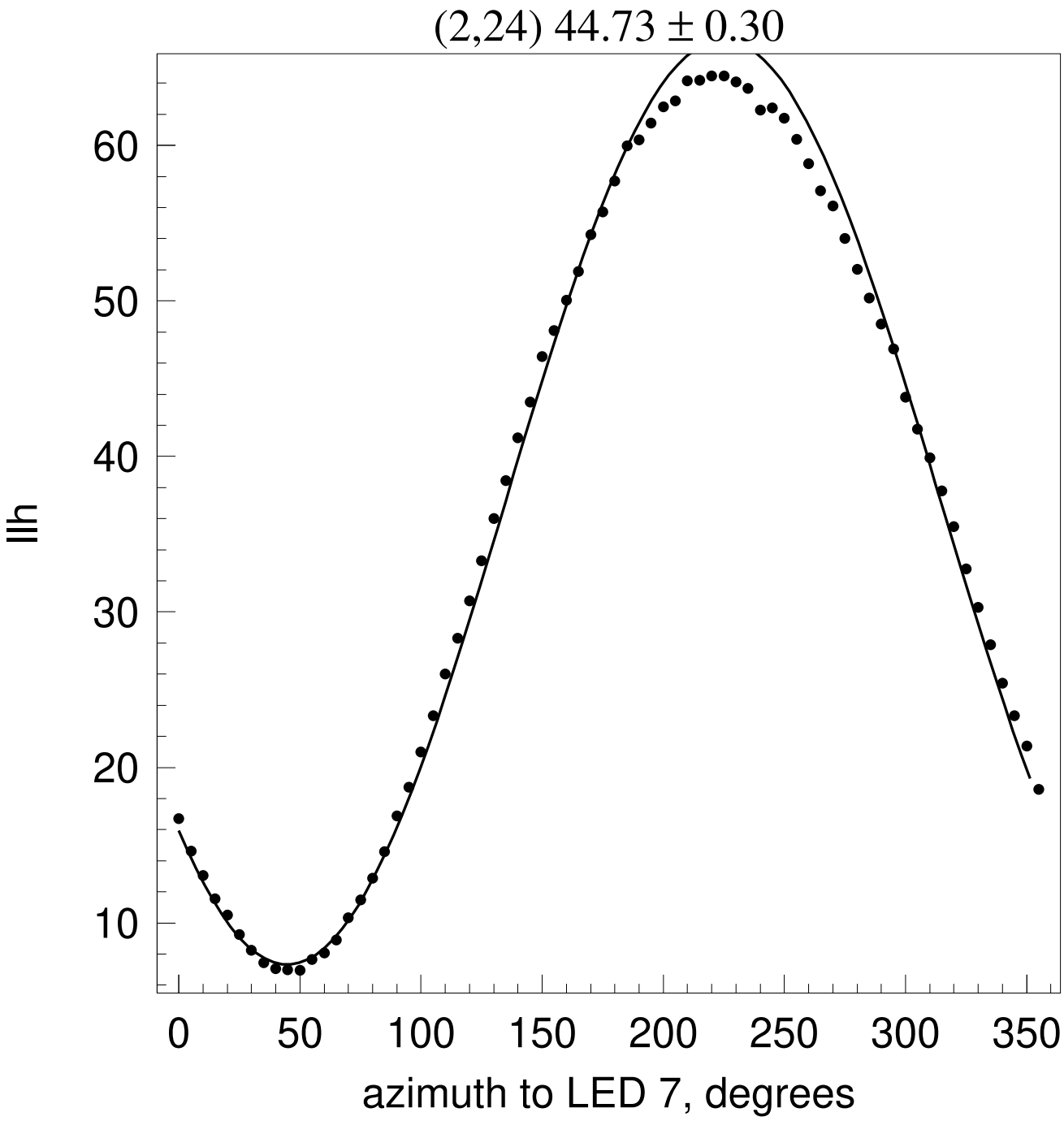

(2,19) 186.12 ± 0.17
45
40
35
30
25
20
15
10
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

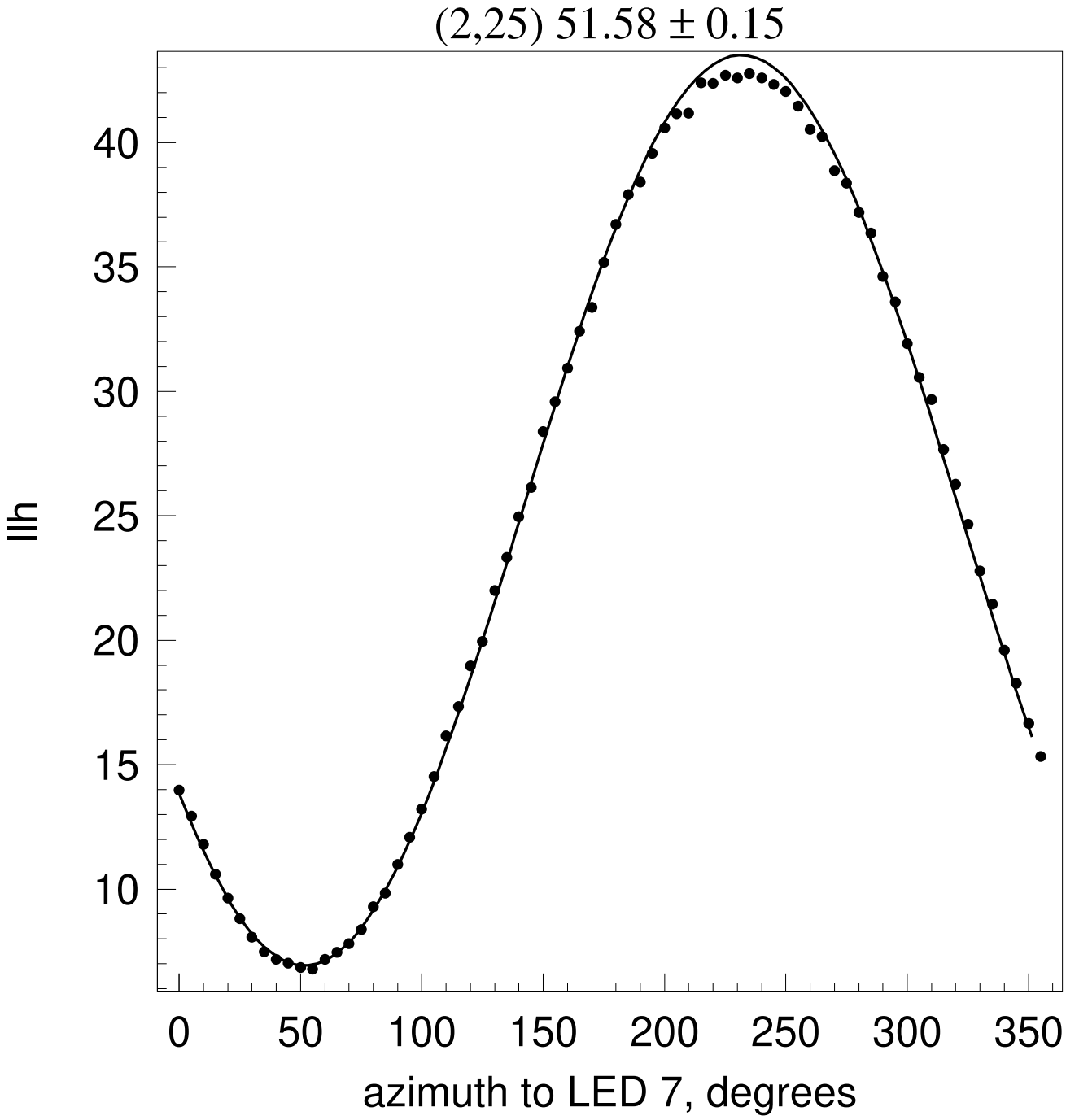

(2,20) 316.63 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

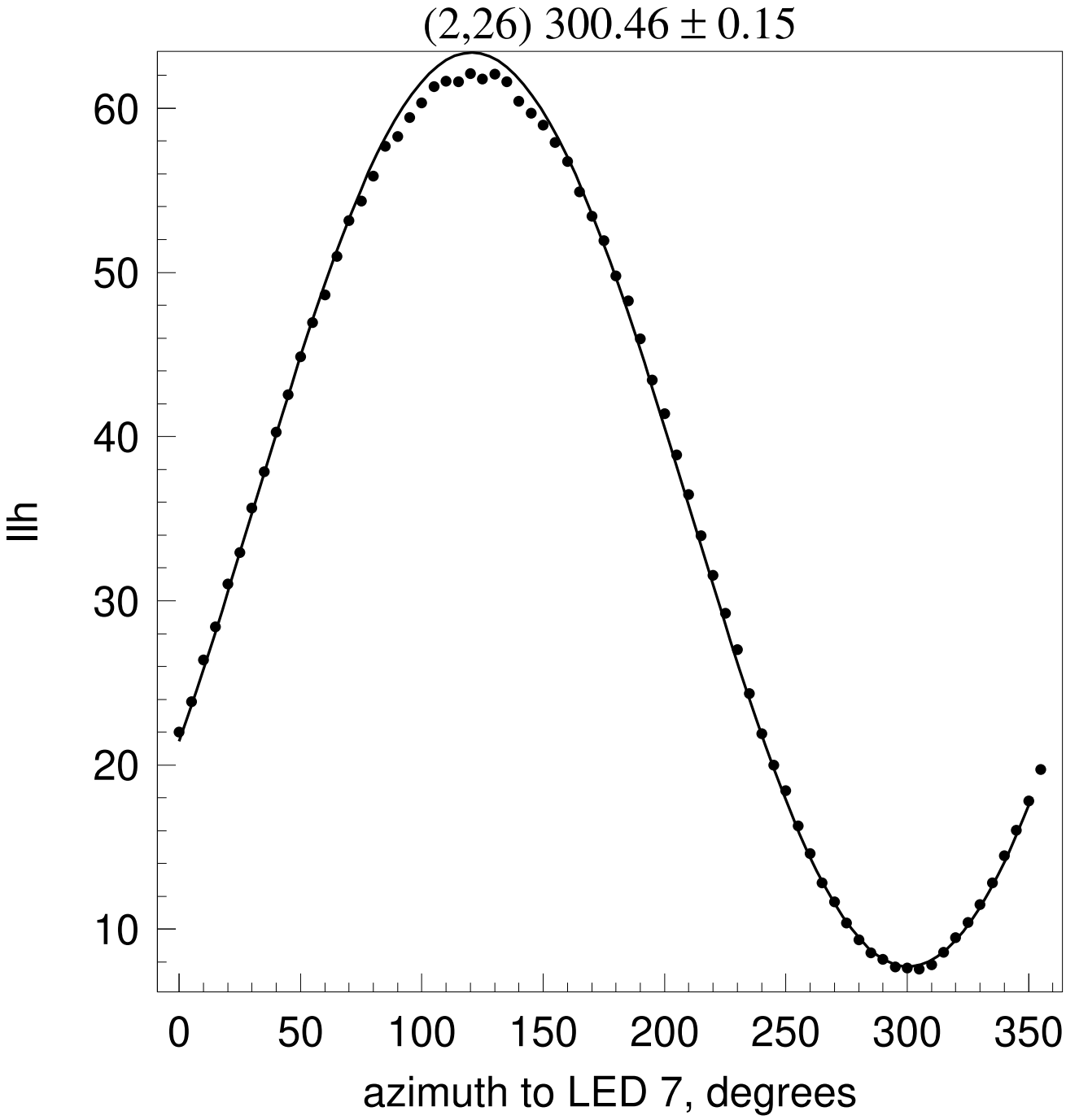

(2,21) 276.52 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

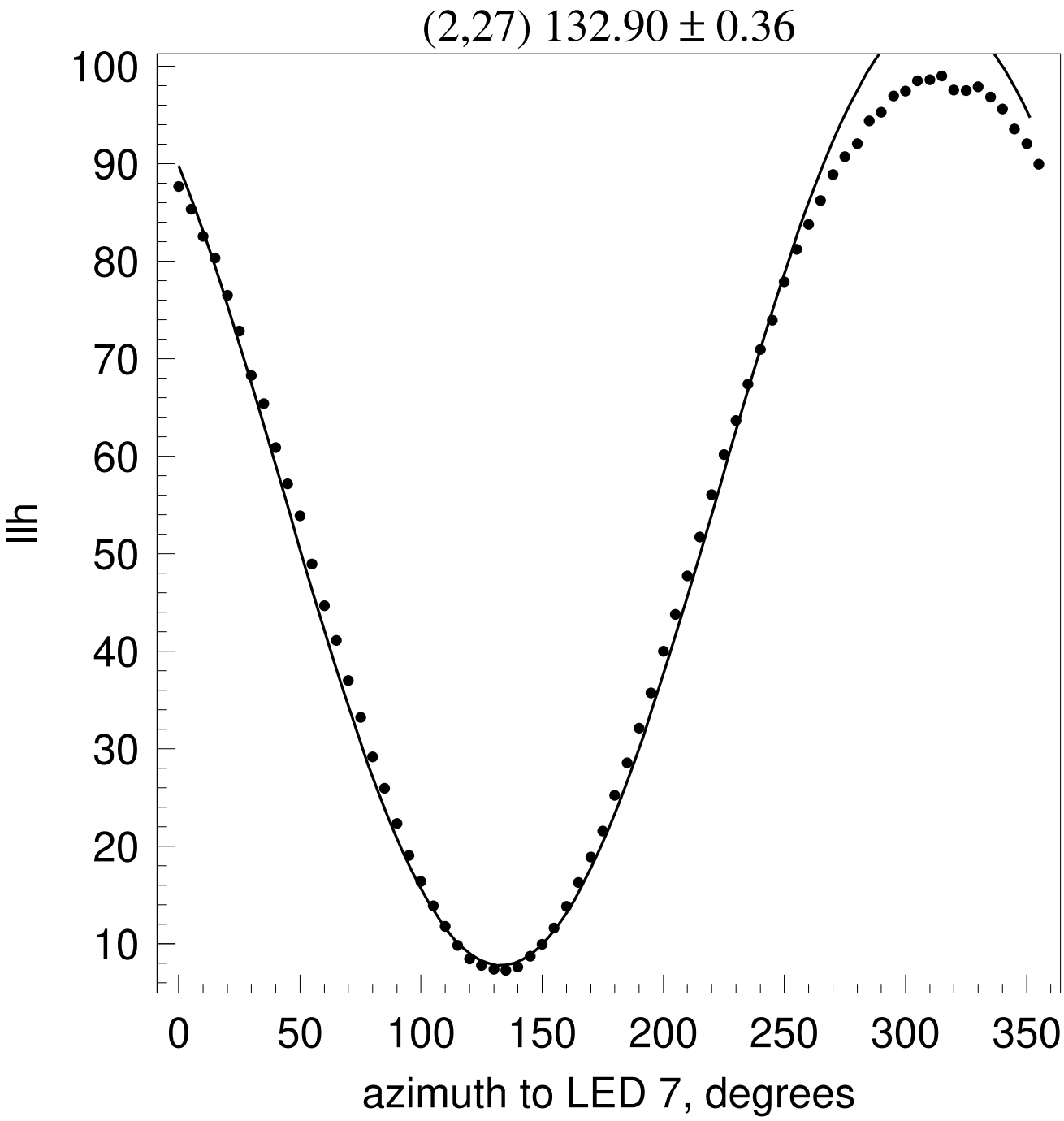

(2,22) 326.14 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

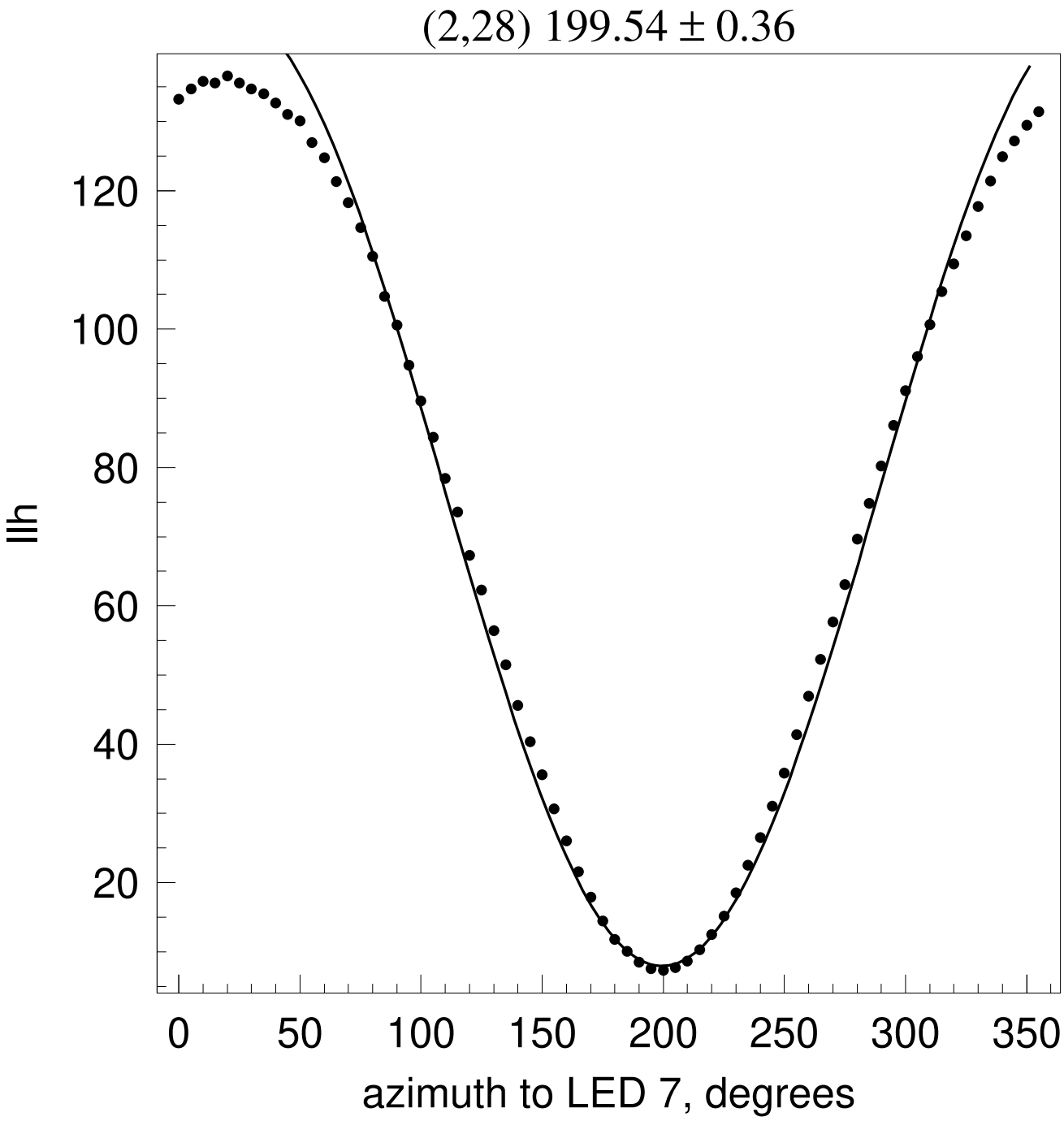

(2,23) 167.10 ± 0.29
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

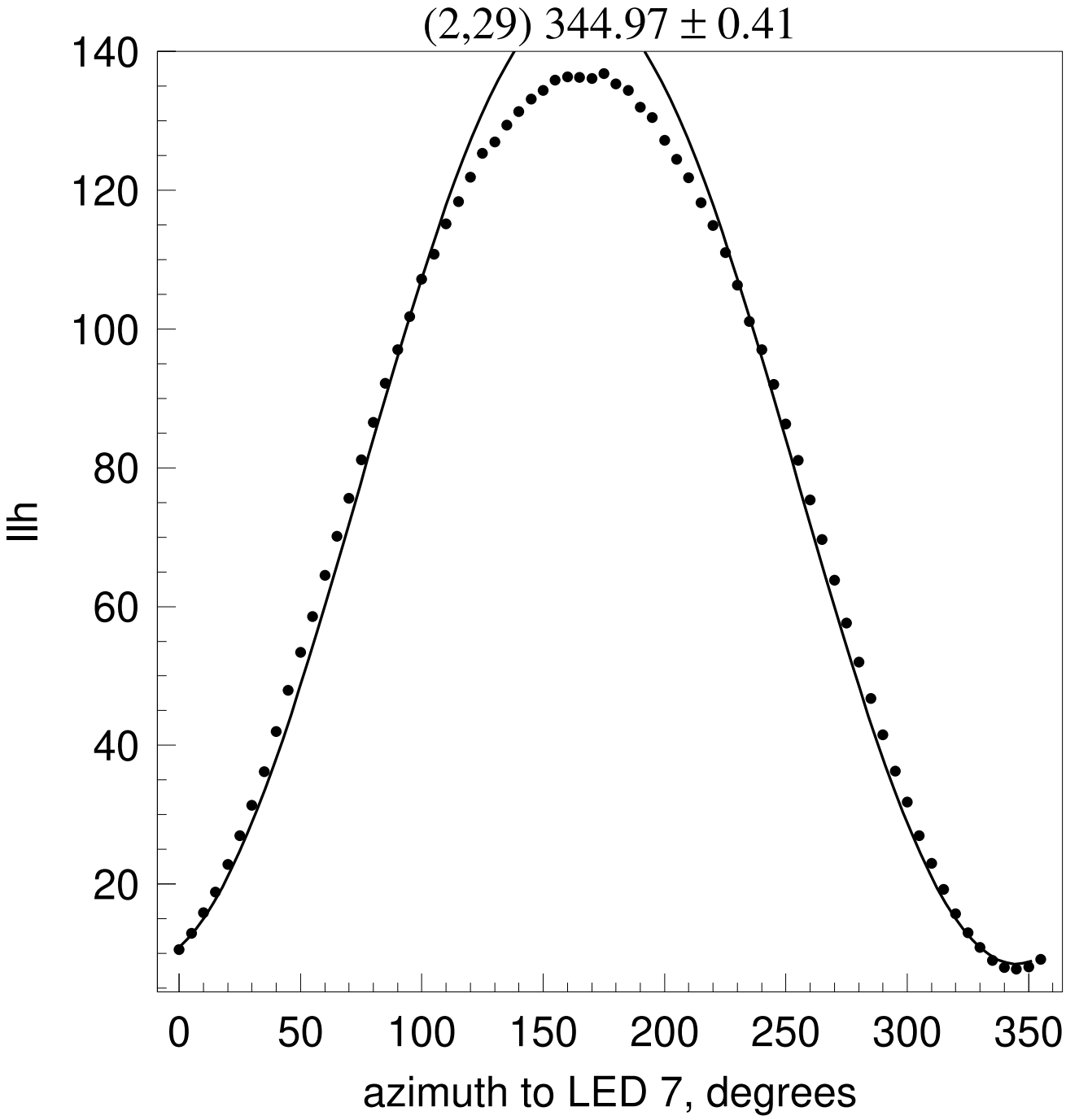

(2,24) 44.73 ± 0.30
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

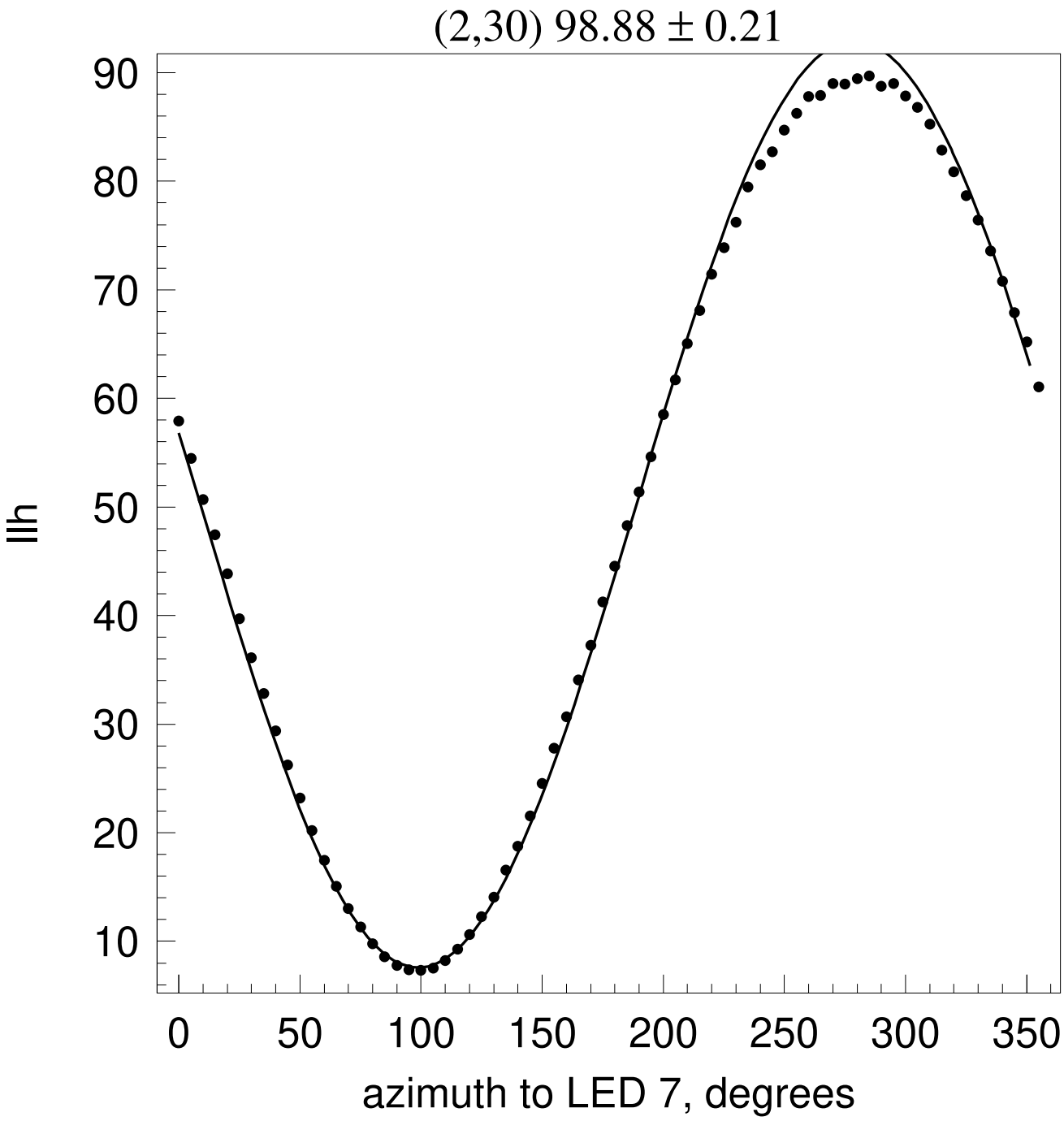

(2,25) 51.58 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

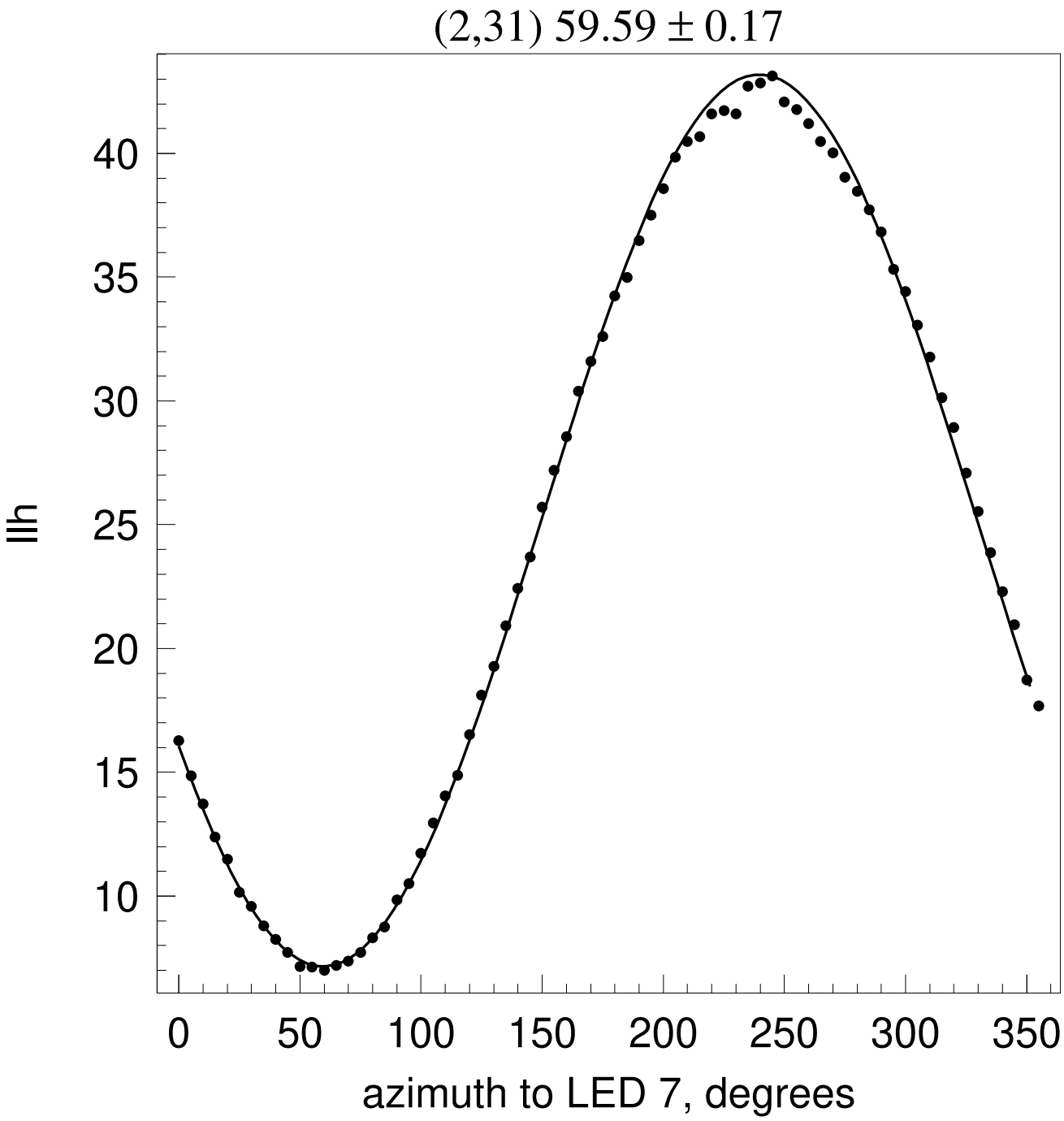

(2,26) 300.46 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

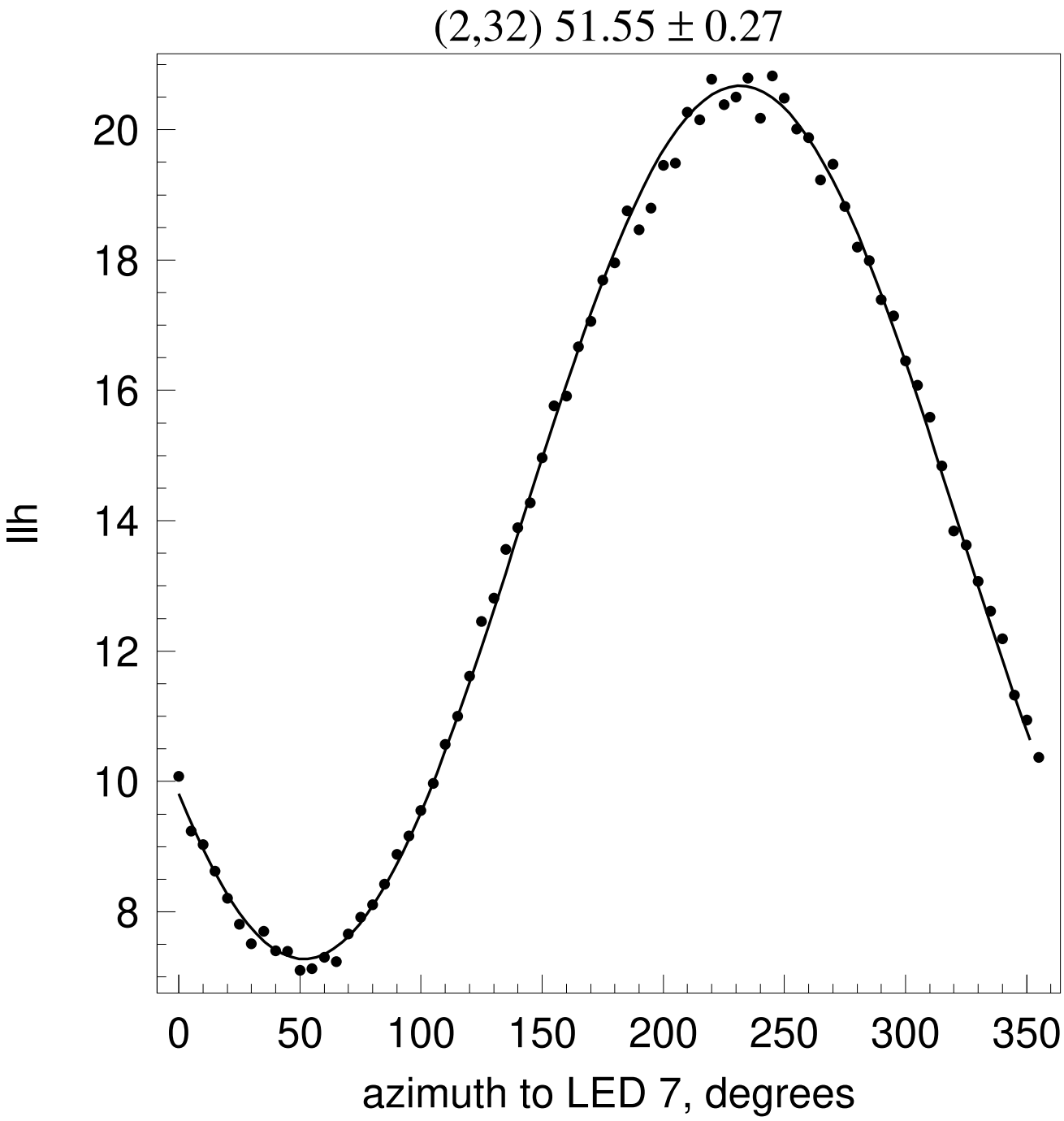

(2,27) 132.90 ± 0.36
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

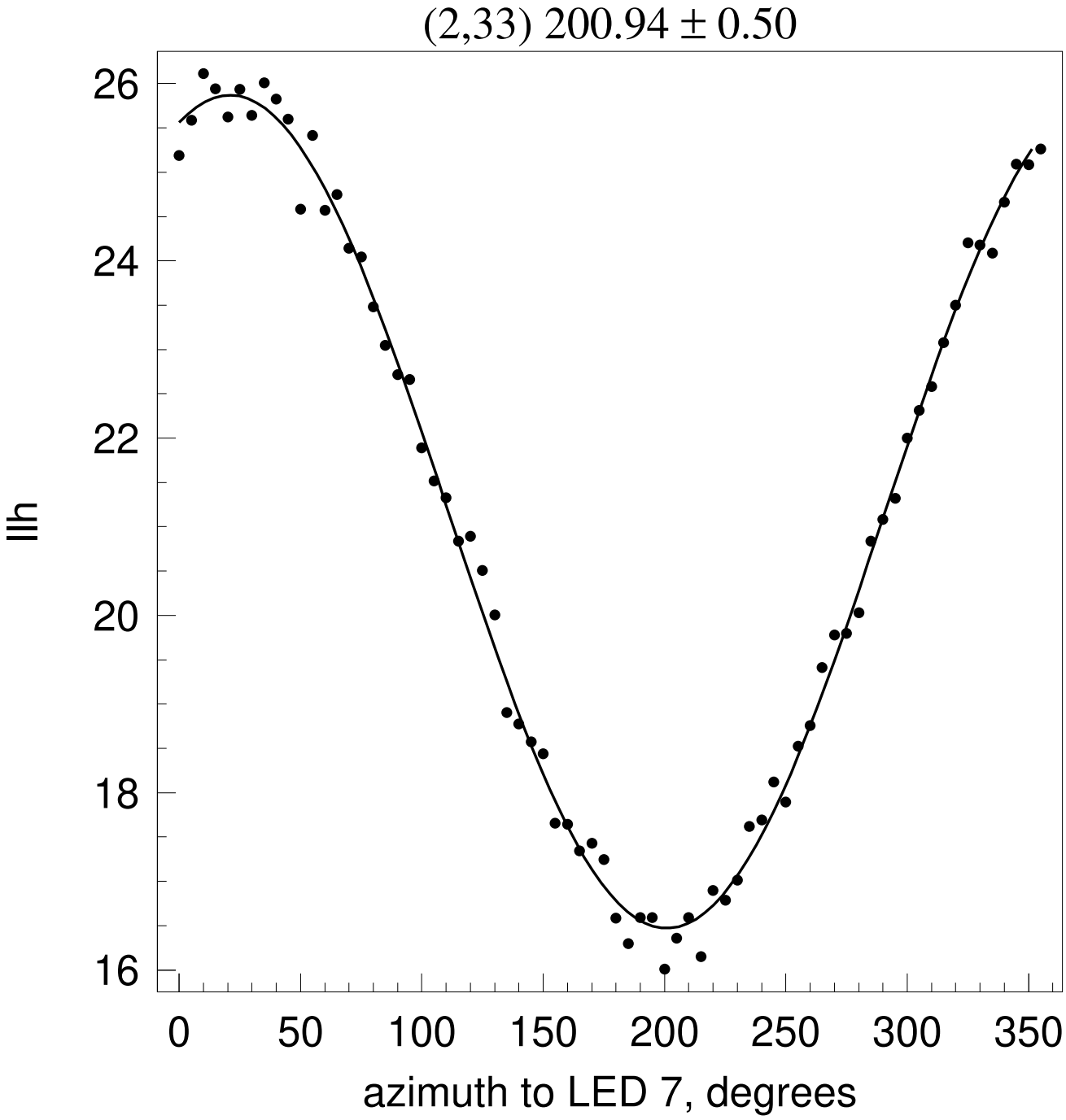

(2,28) 199.54 ± 0.36
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

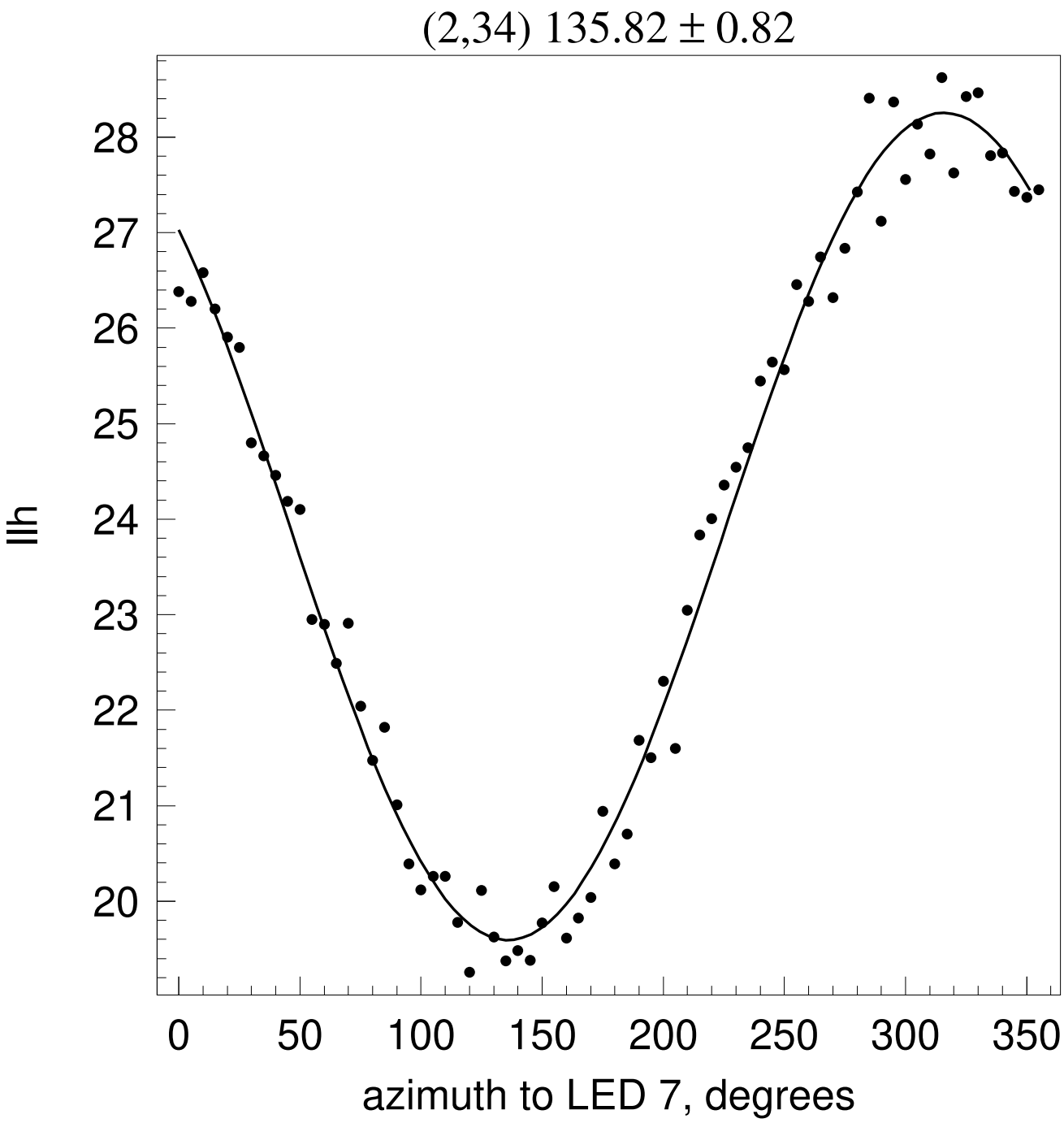

(2,29) 344.97 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

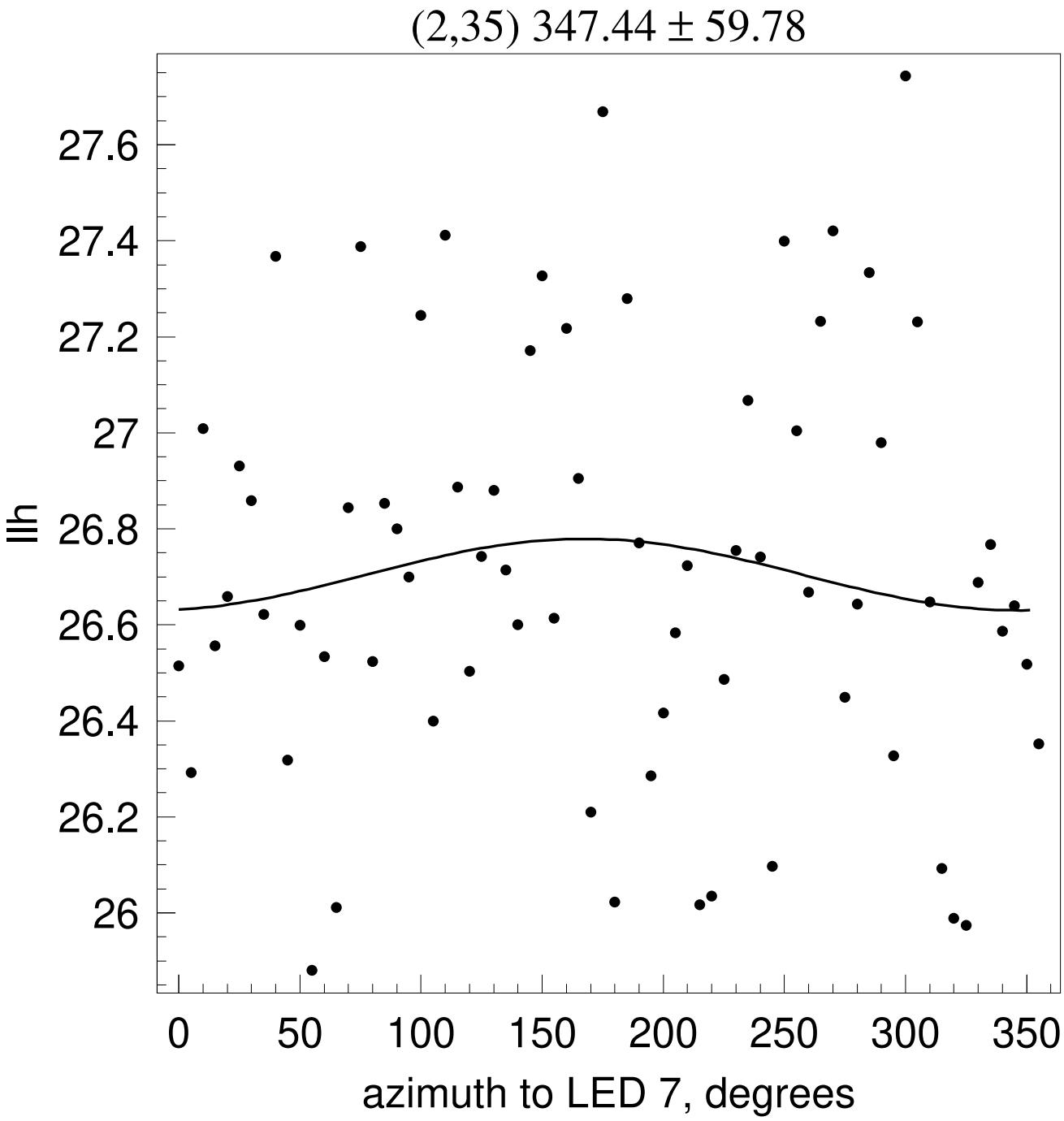

(2,30) 98.88 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

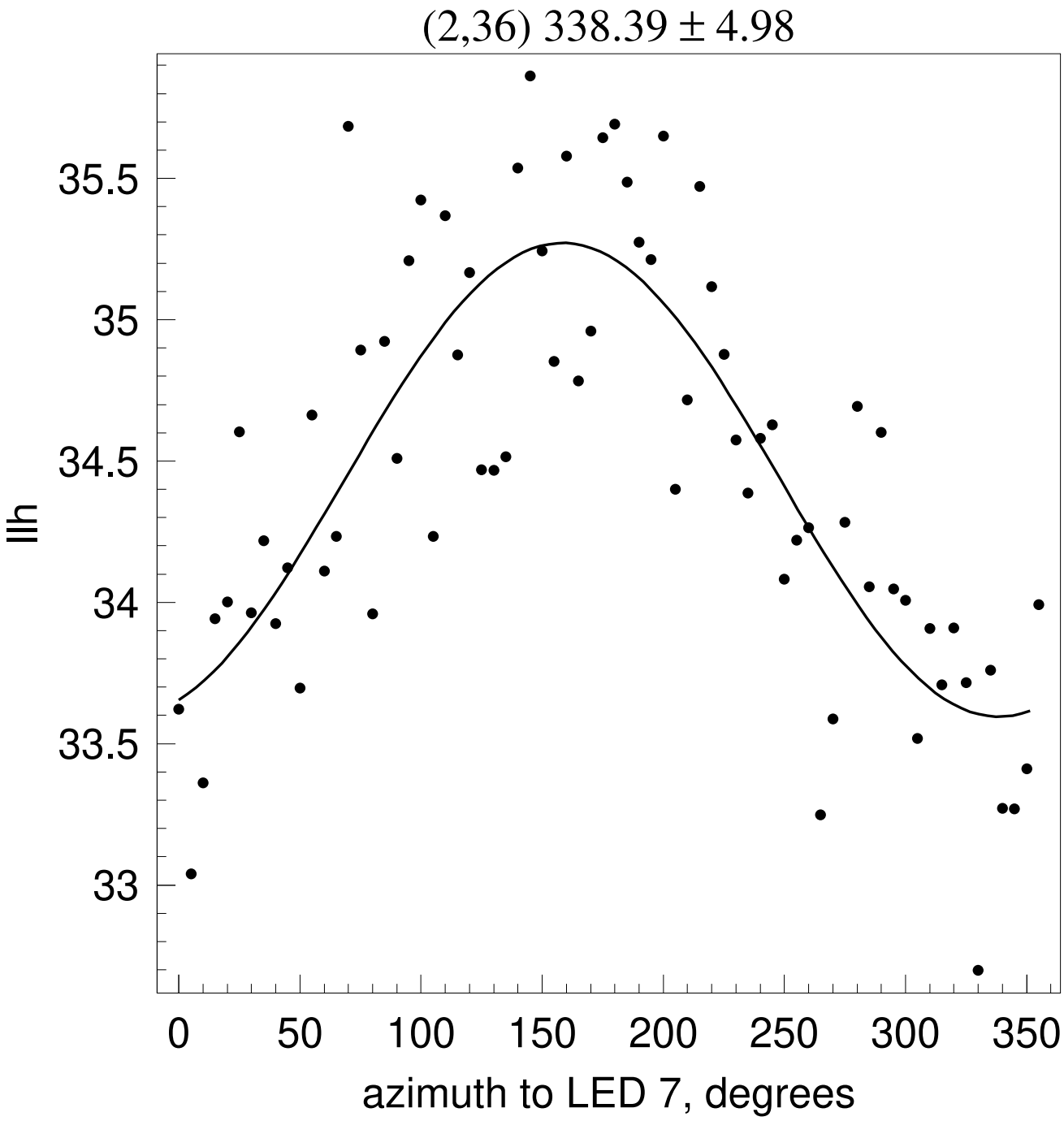

(2,31) 59.59 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

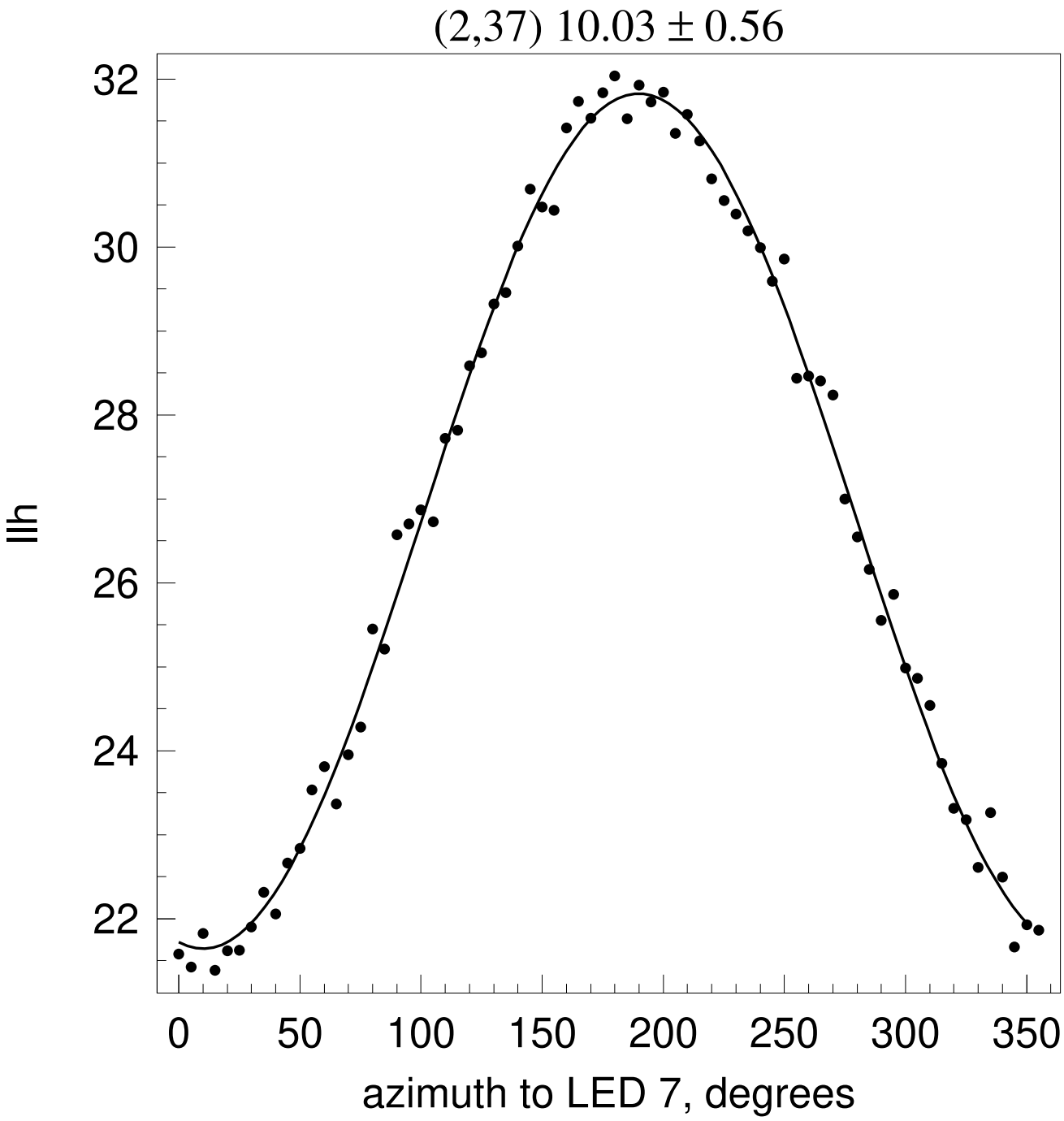

(2,32) 51.55 ± 0.27
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

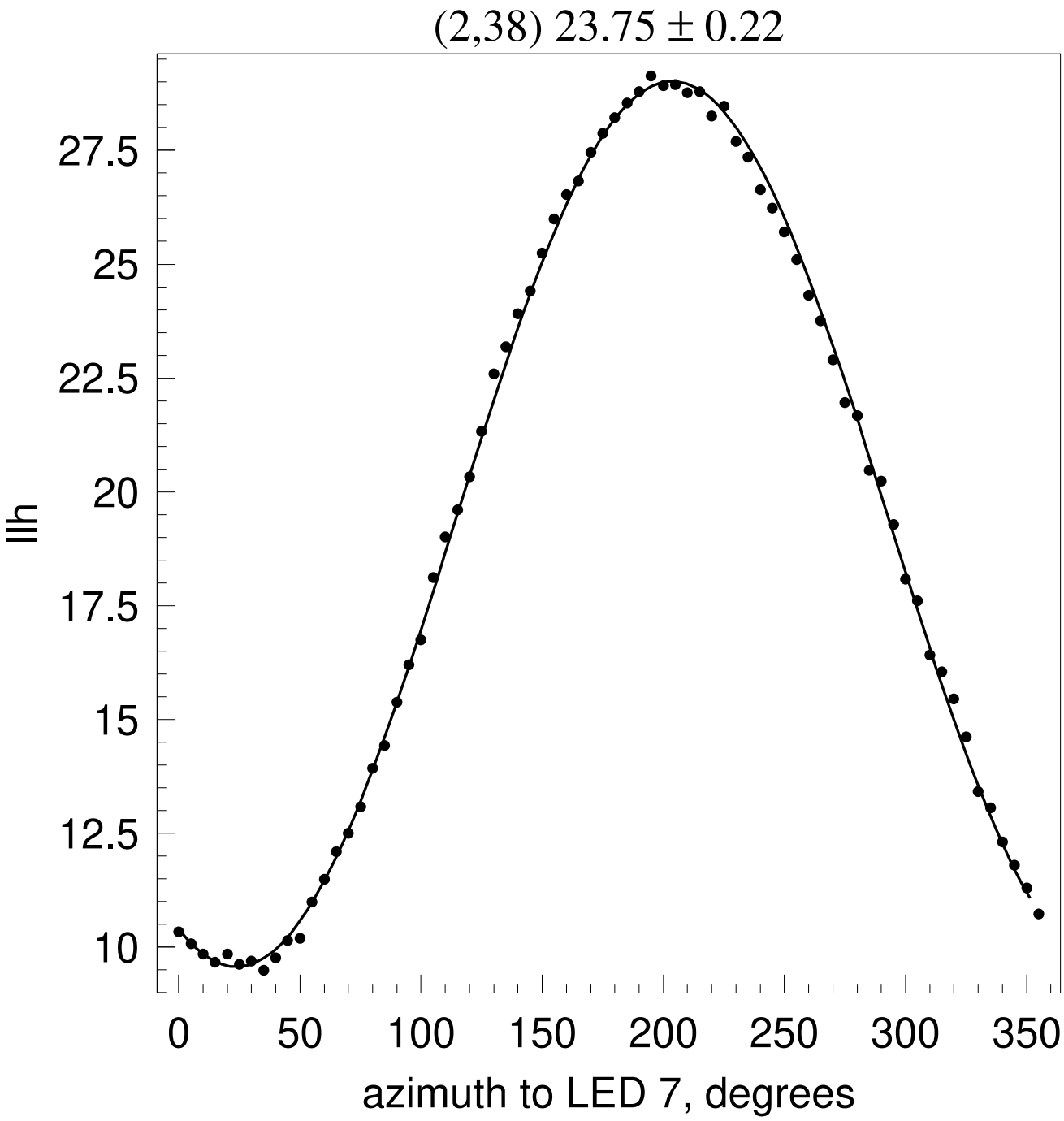

(2,33) 200.94 ± 0.50
26
24
22
20
18
16
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

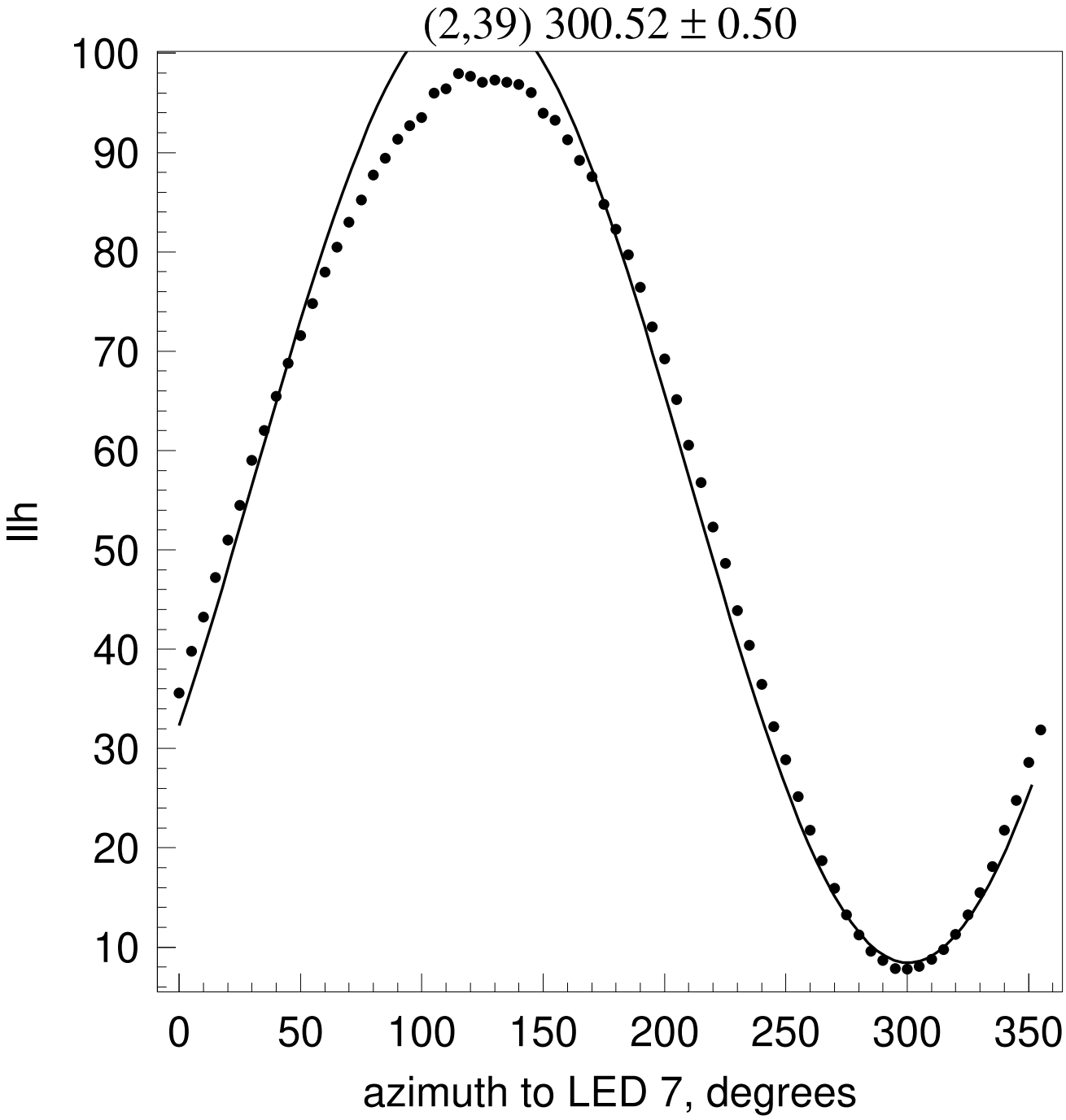

(2,34) 135.82 ± 0.82
28
27
26
25
24
23
22
21
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

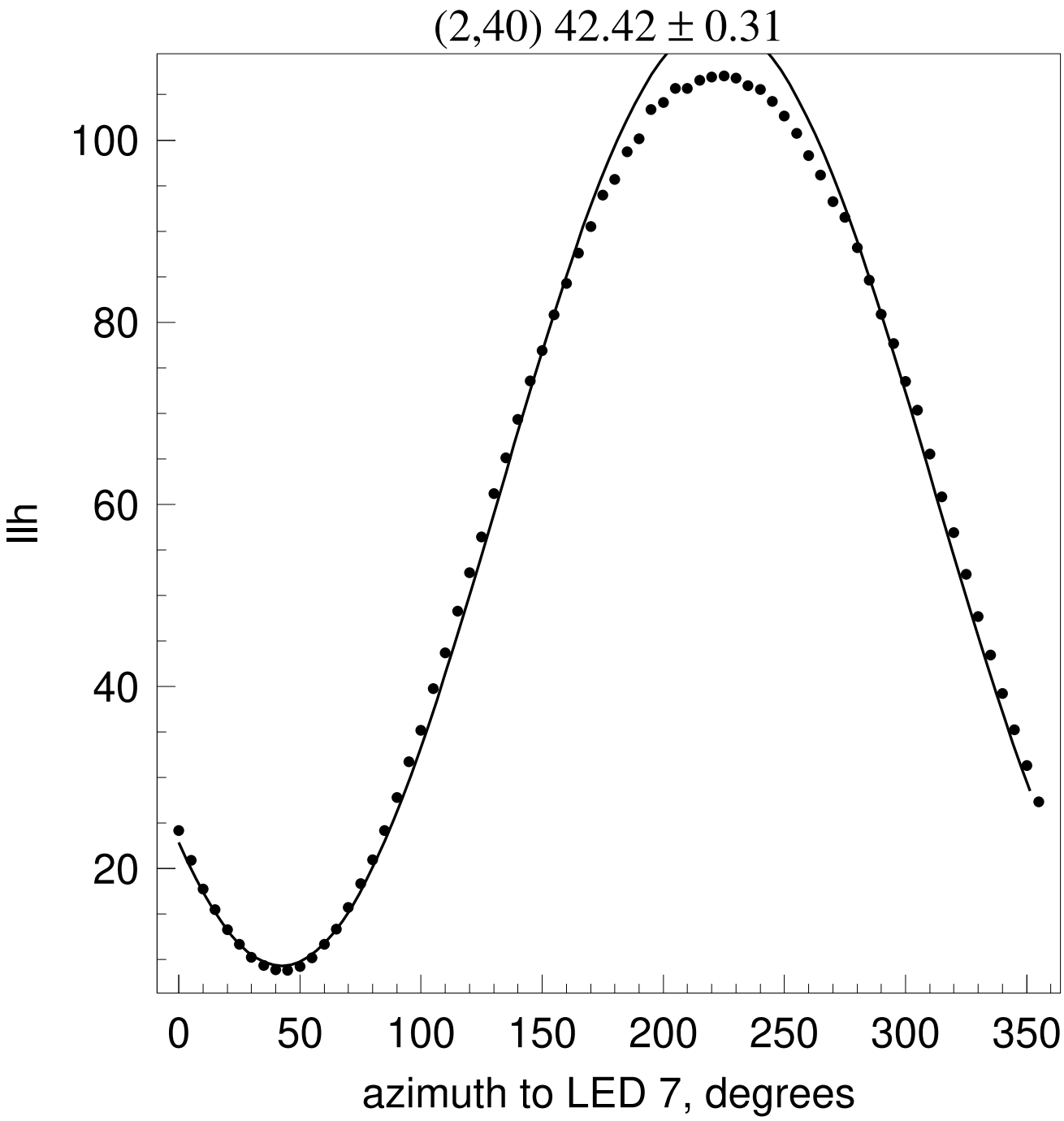

(2,35) 347.44 ± 59.78
27.6
27.4
27.2
27
26.8
26.6
26.4
26.2
26
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

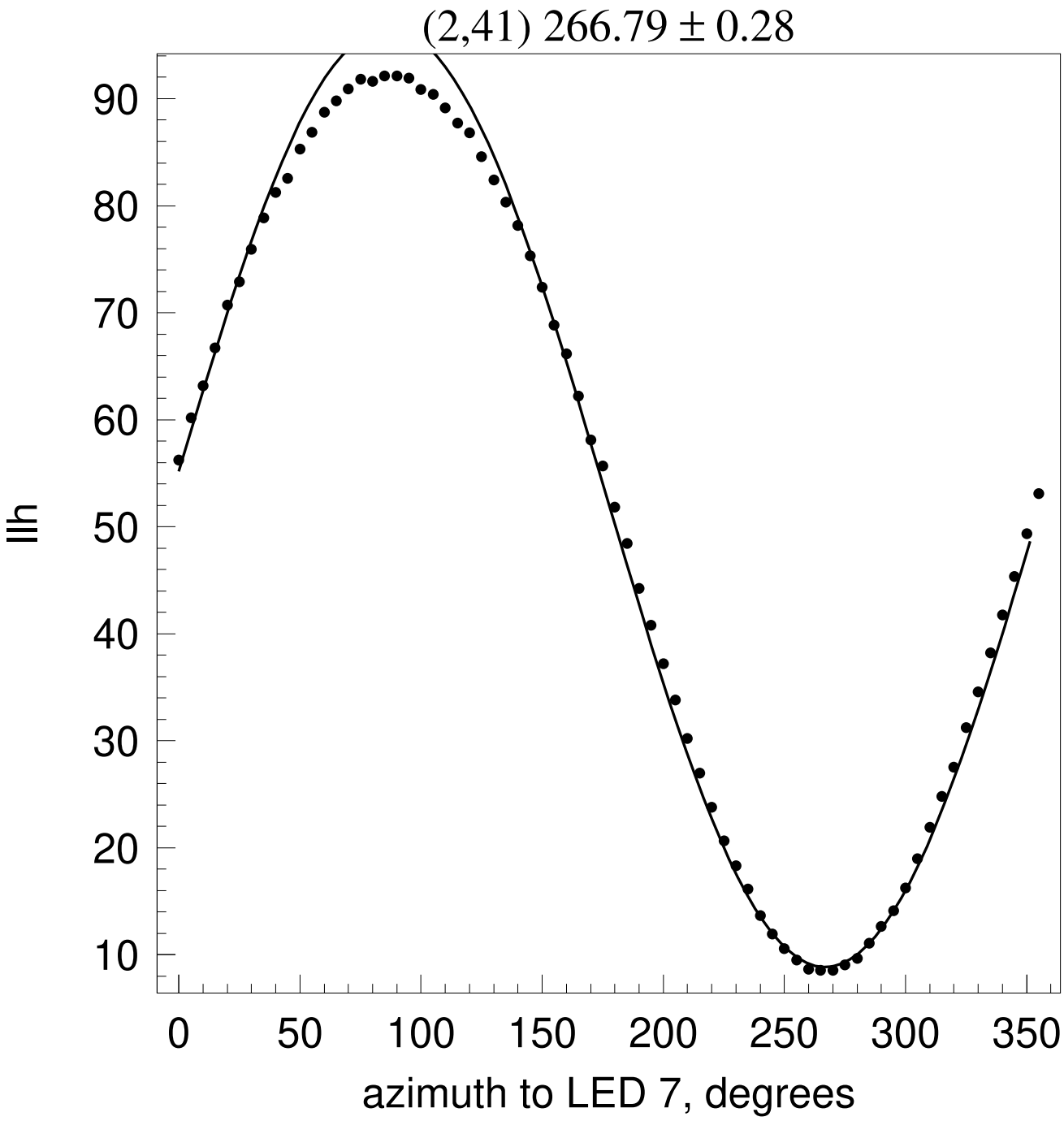

(2,36) 338.39 ± 4.98
35.5
35
34.5
34
33.5
33
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

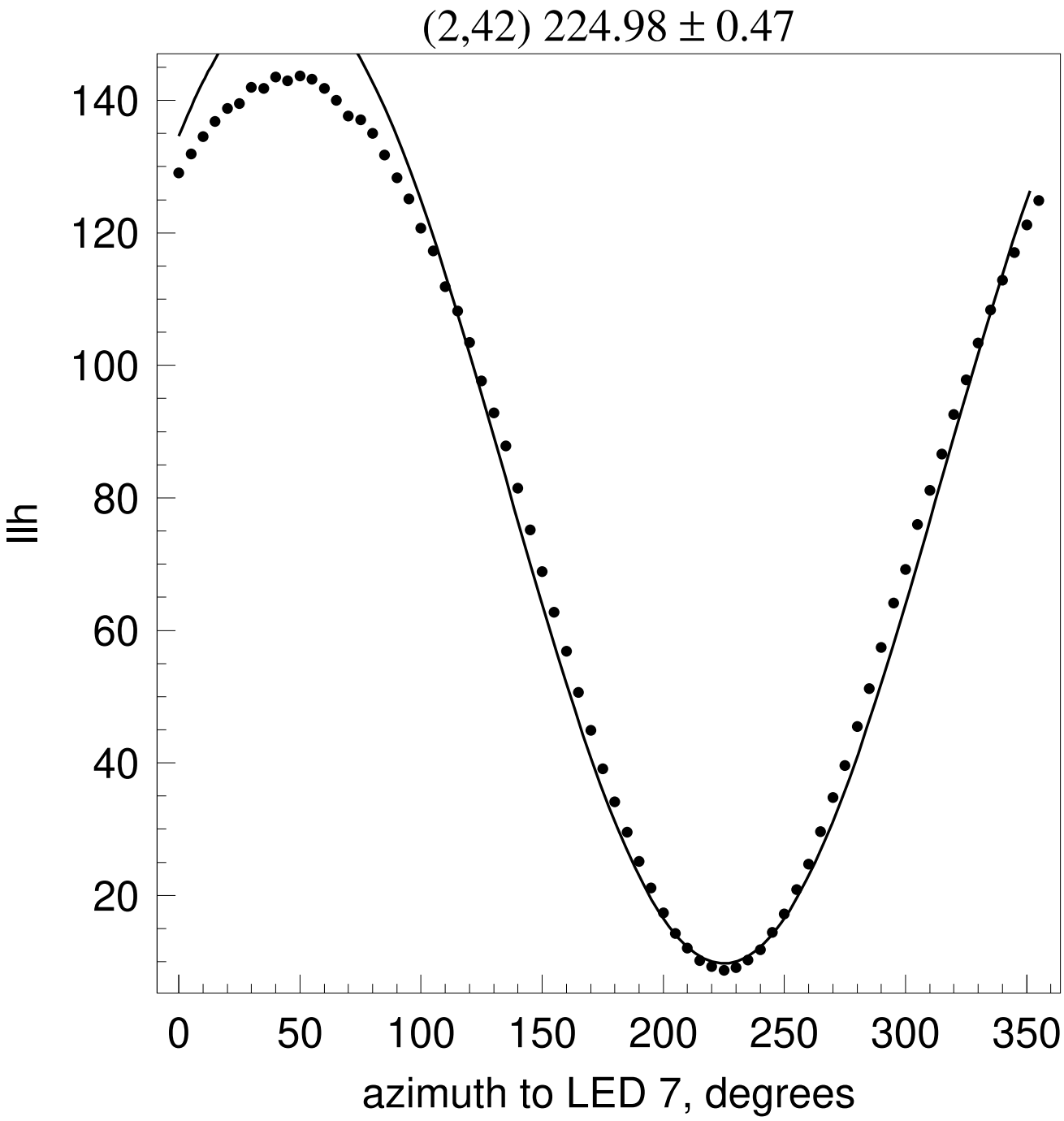

(2,37) 10.03 ± 0.56
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

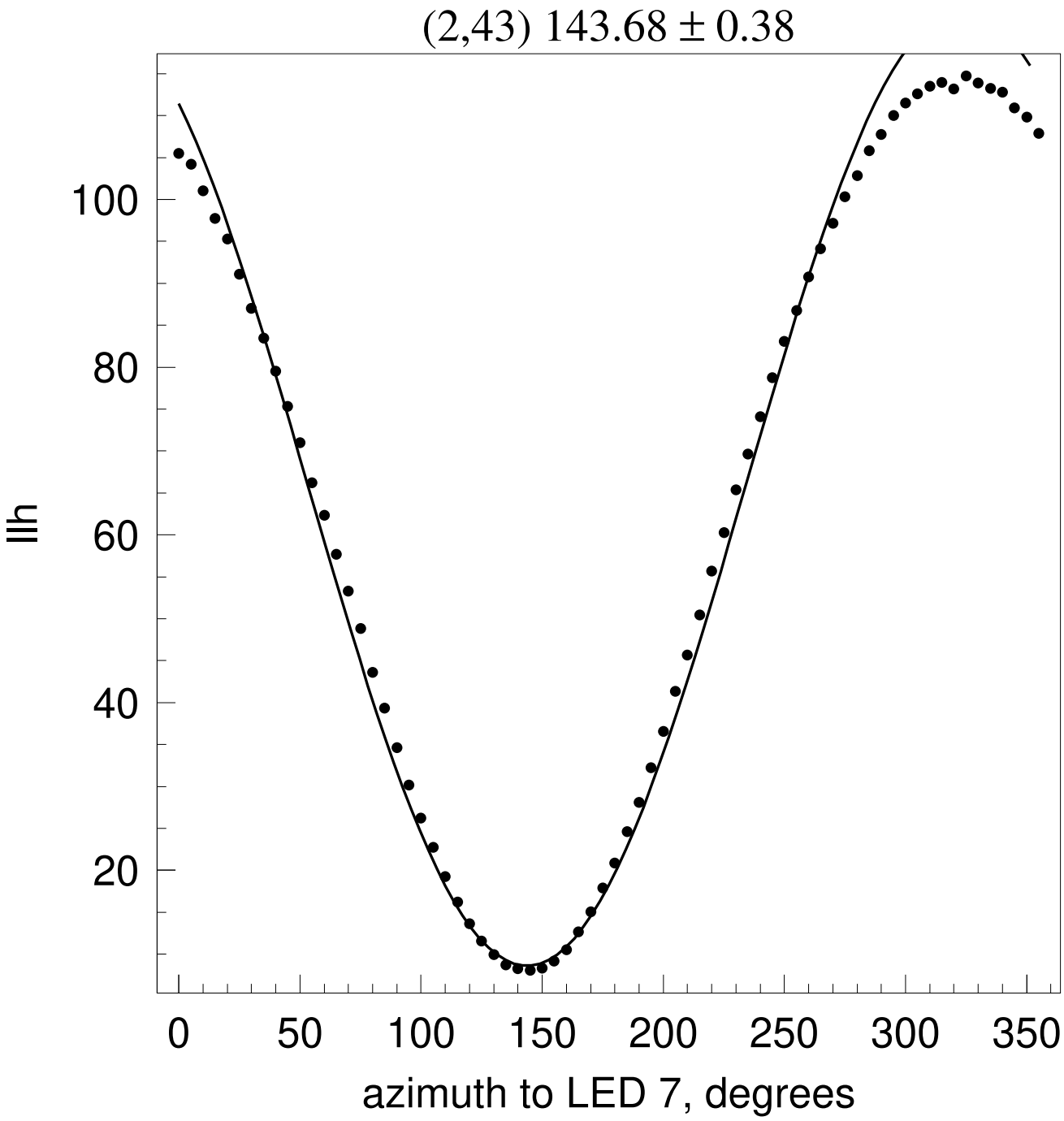

(2,38) 23.75 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

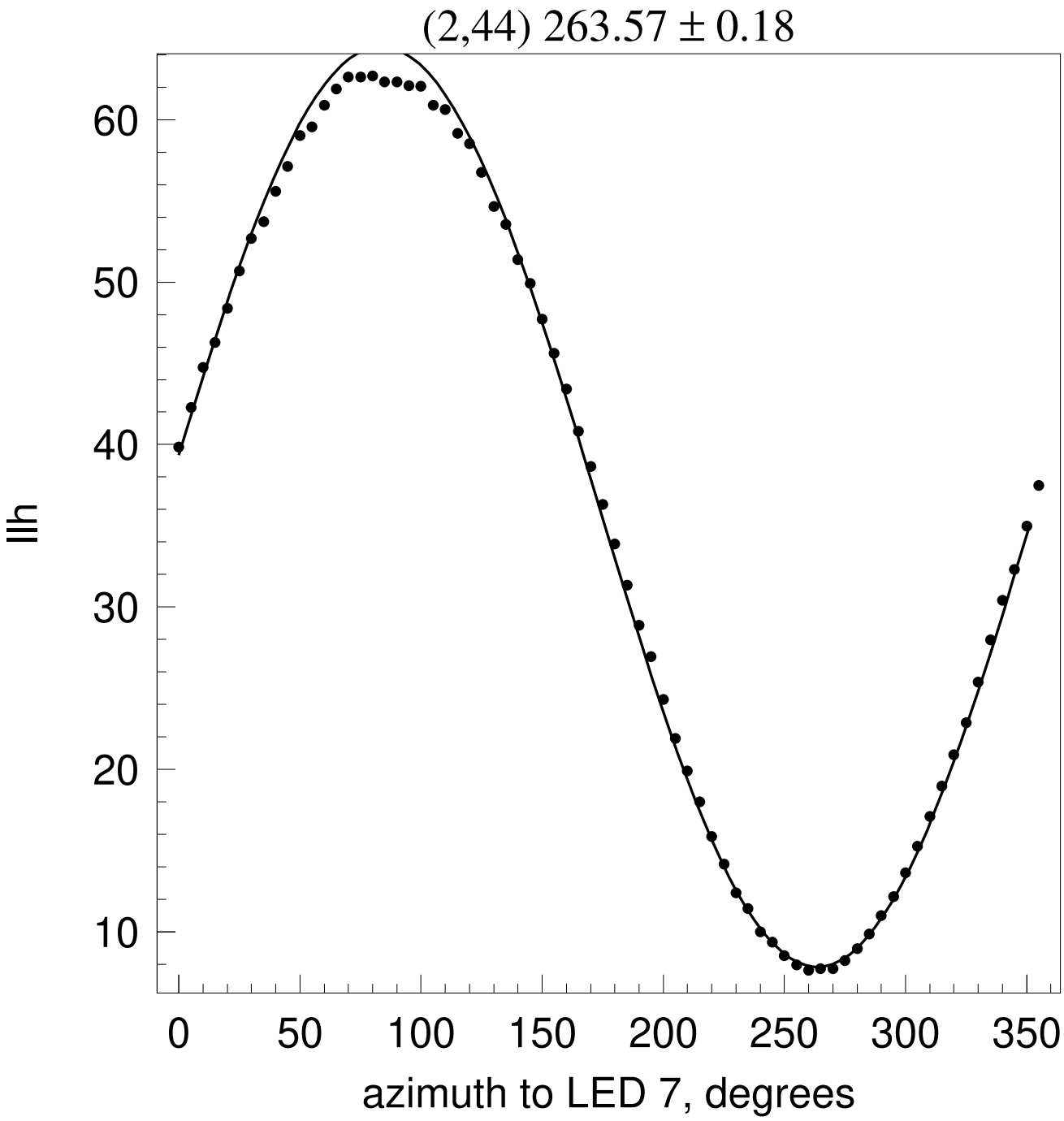

(2,39) 300.52 ± 0.50
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

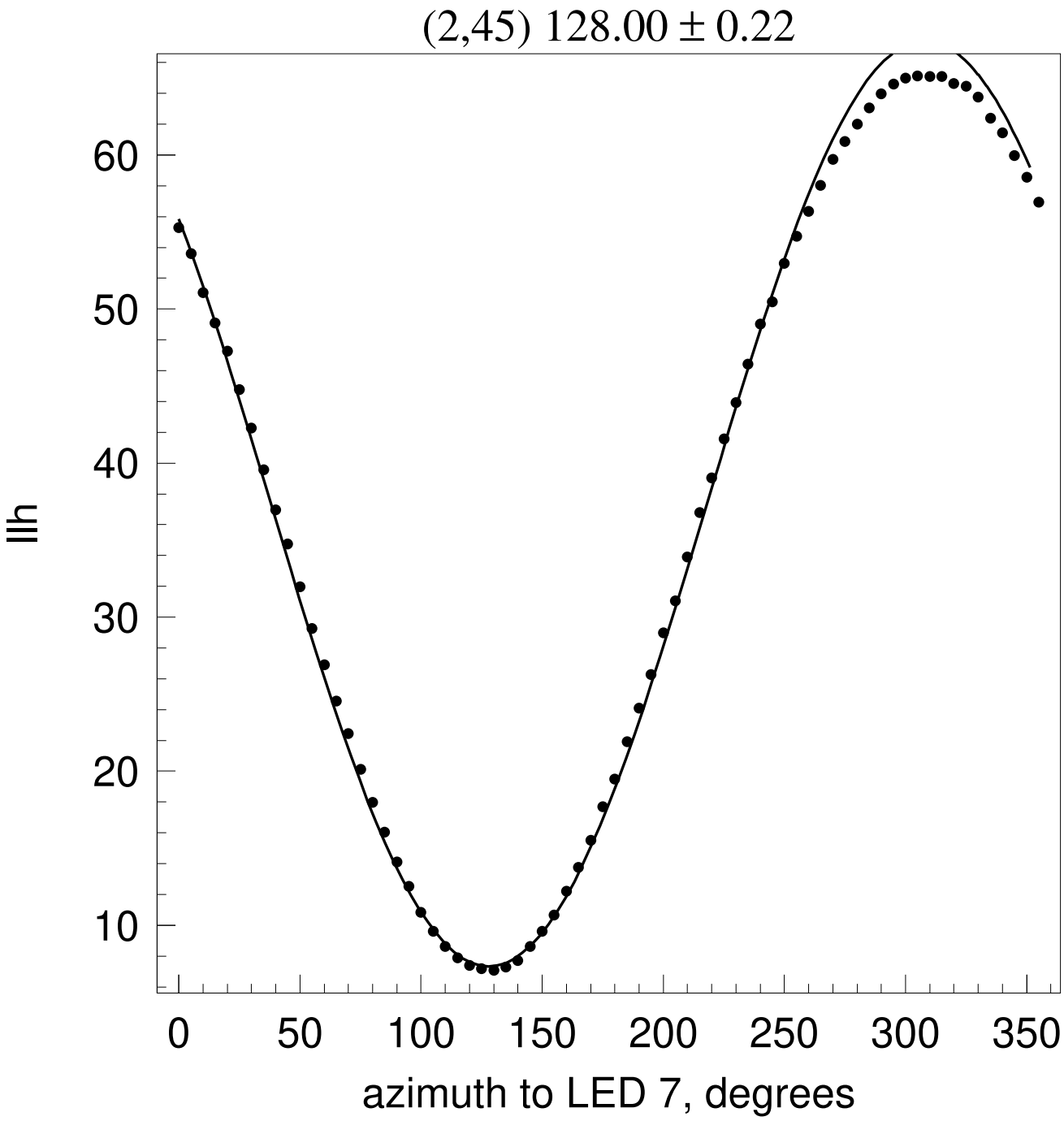

(2,40) 42.42 ± 0.31
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

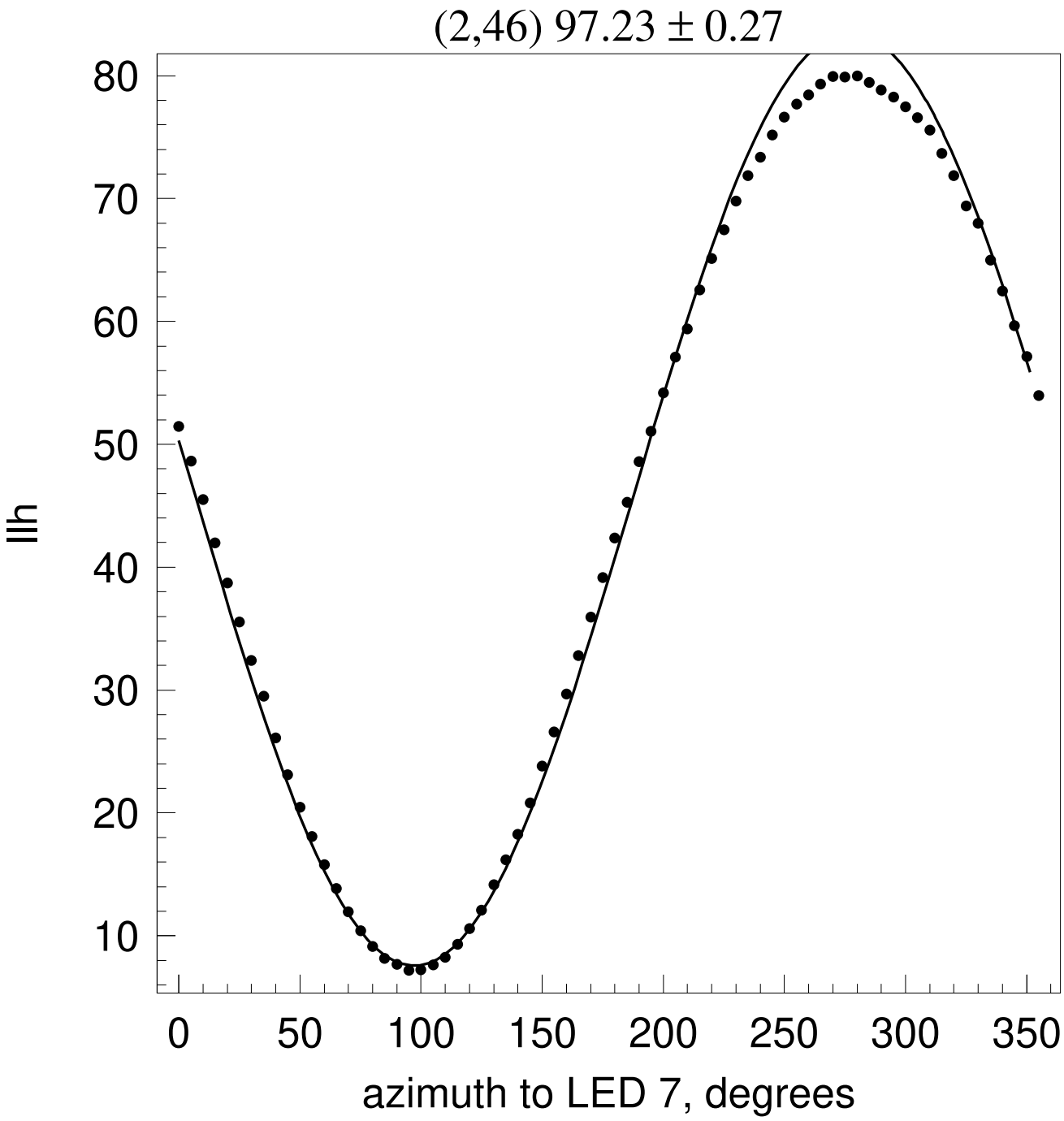

(2,41) 266.79 ± 0.28
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

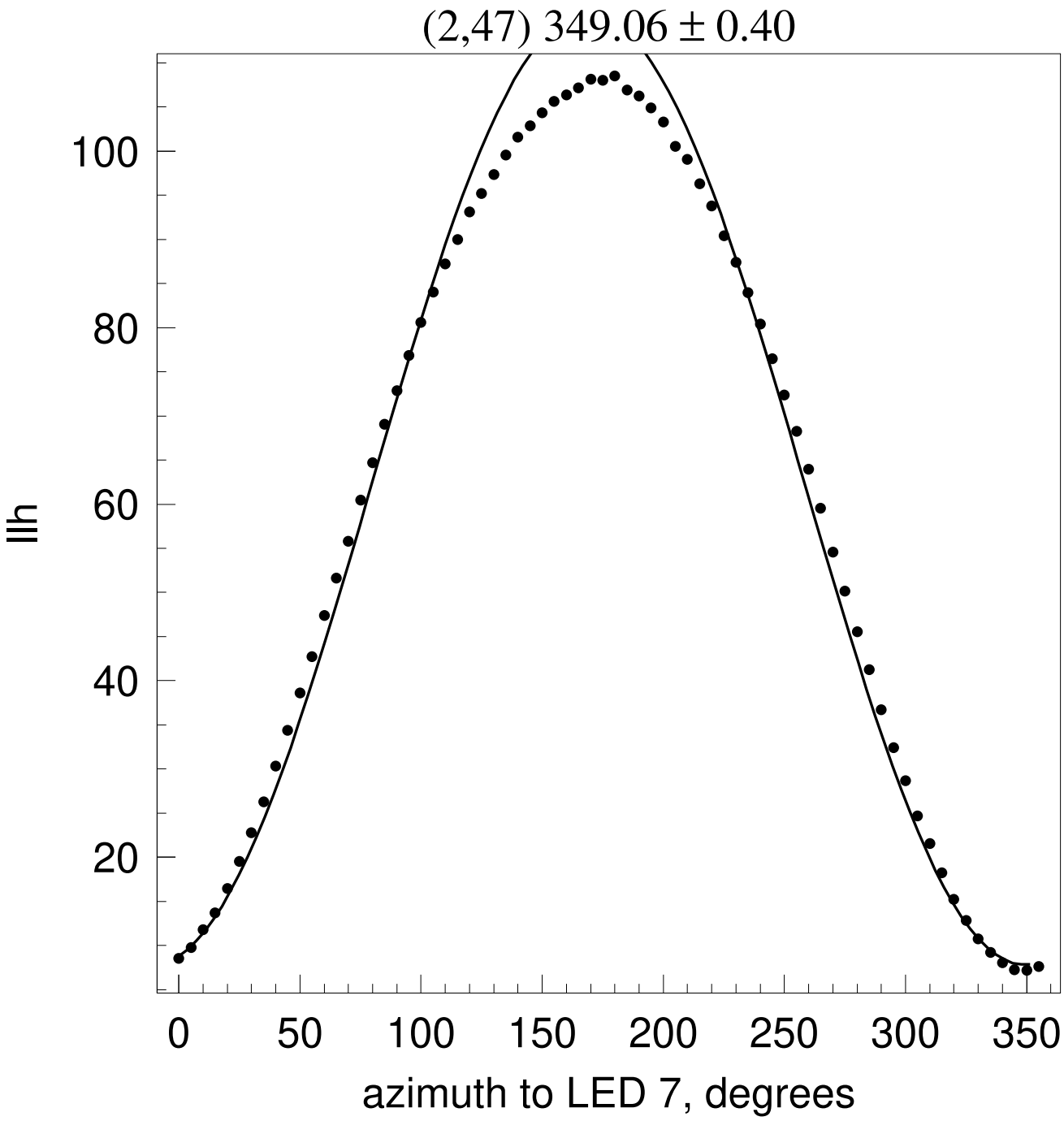

(2,42) 224.98 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

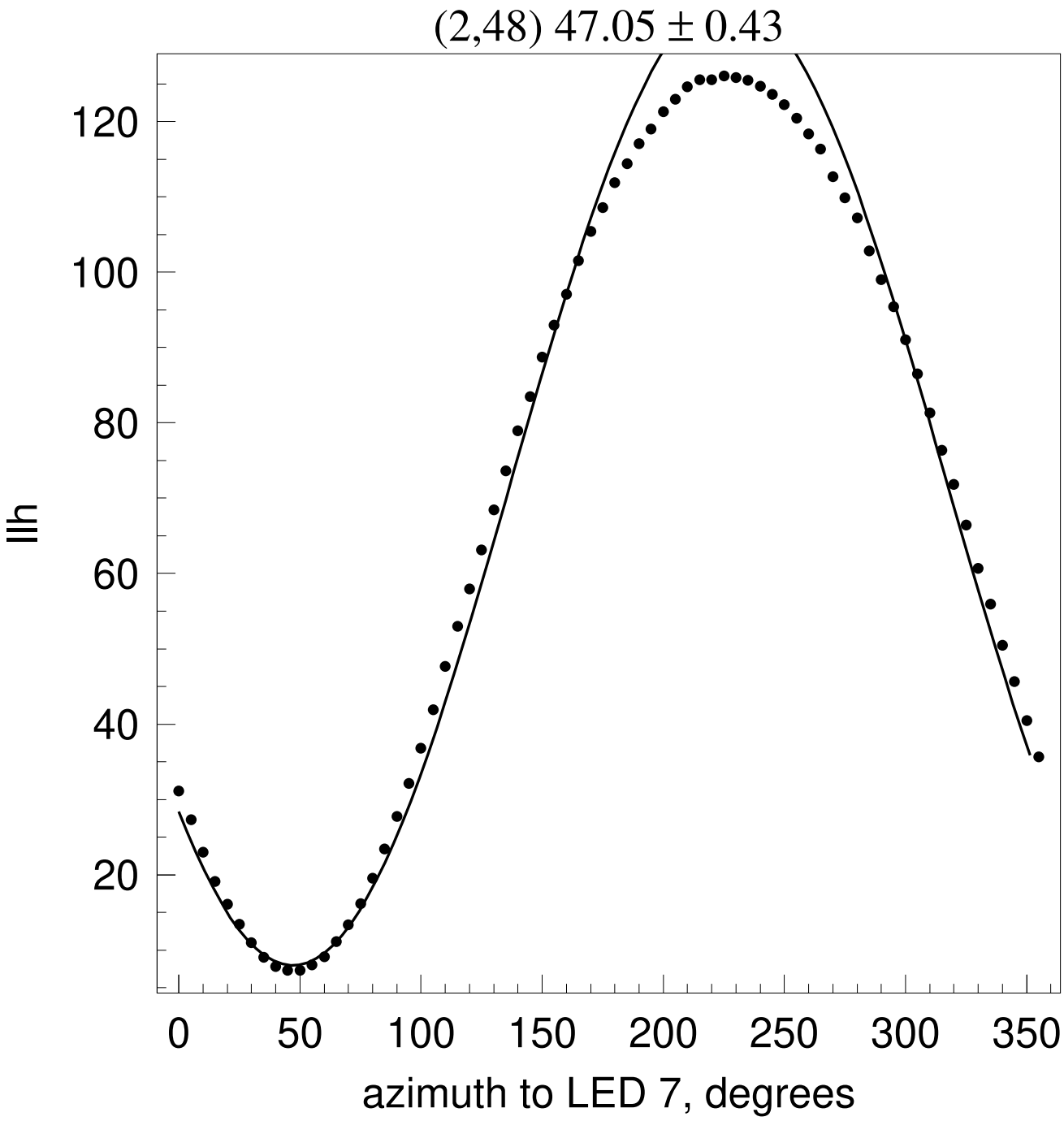

(2,43) 143.68 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

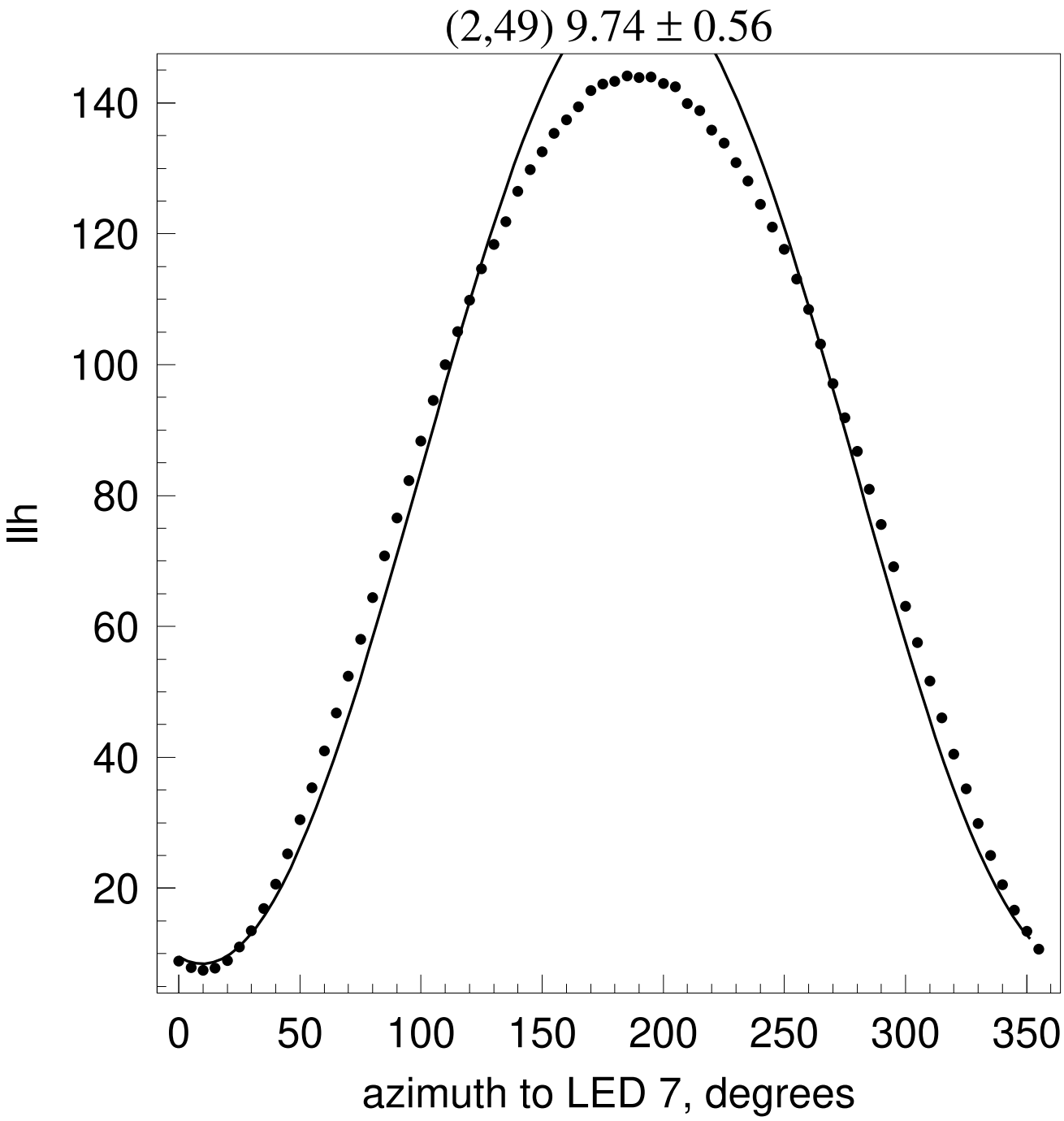

(2,44) 263.57 ± 0.18
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

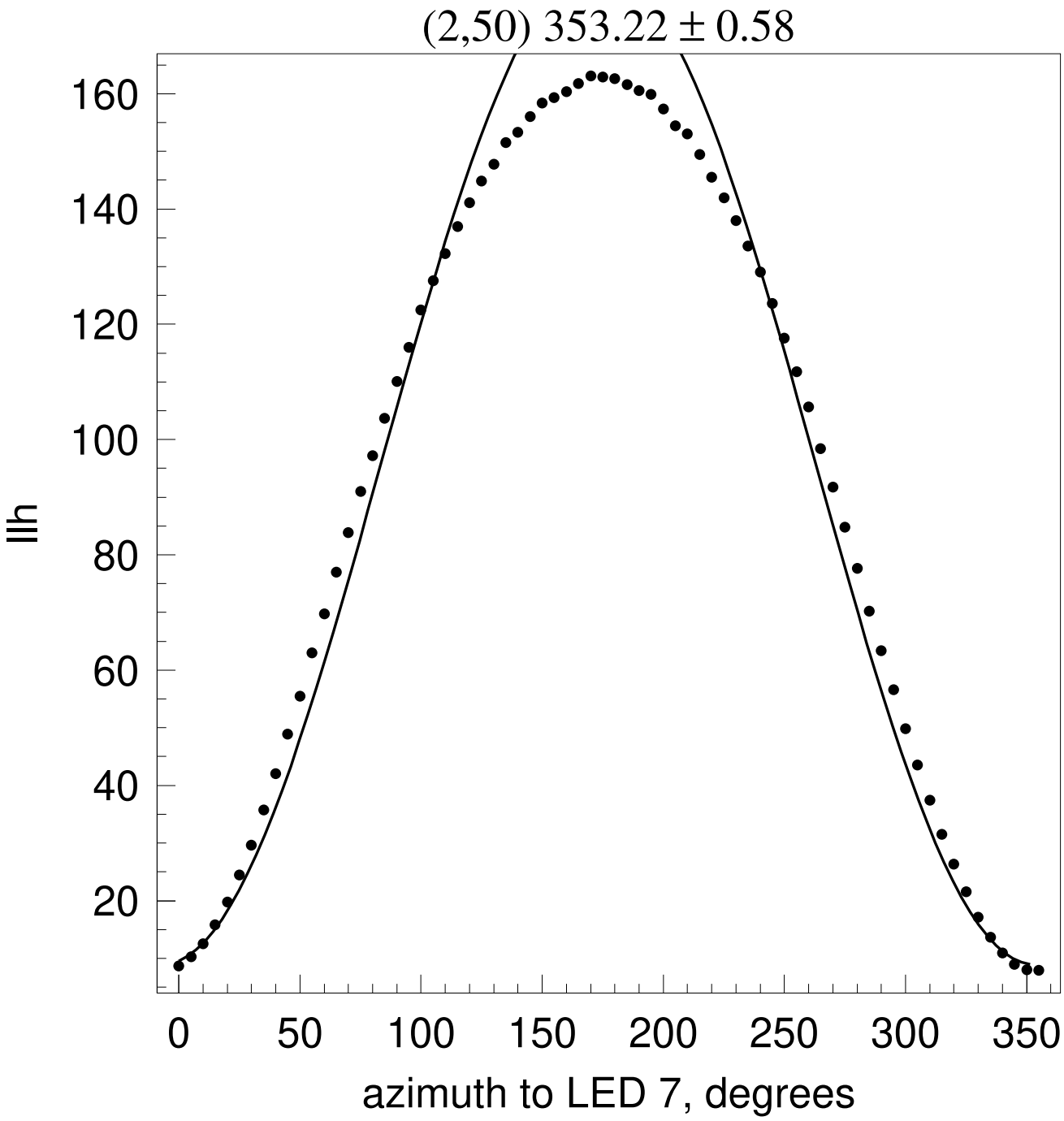

(2,45) 128.00 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

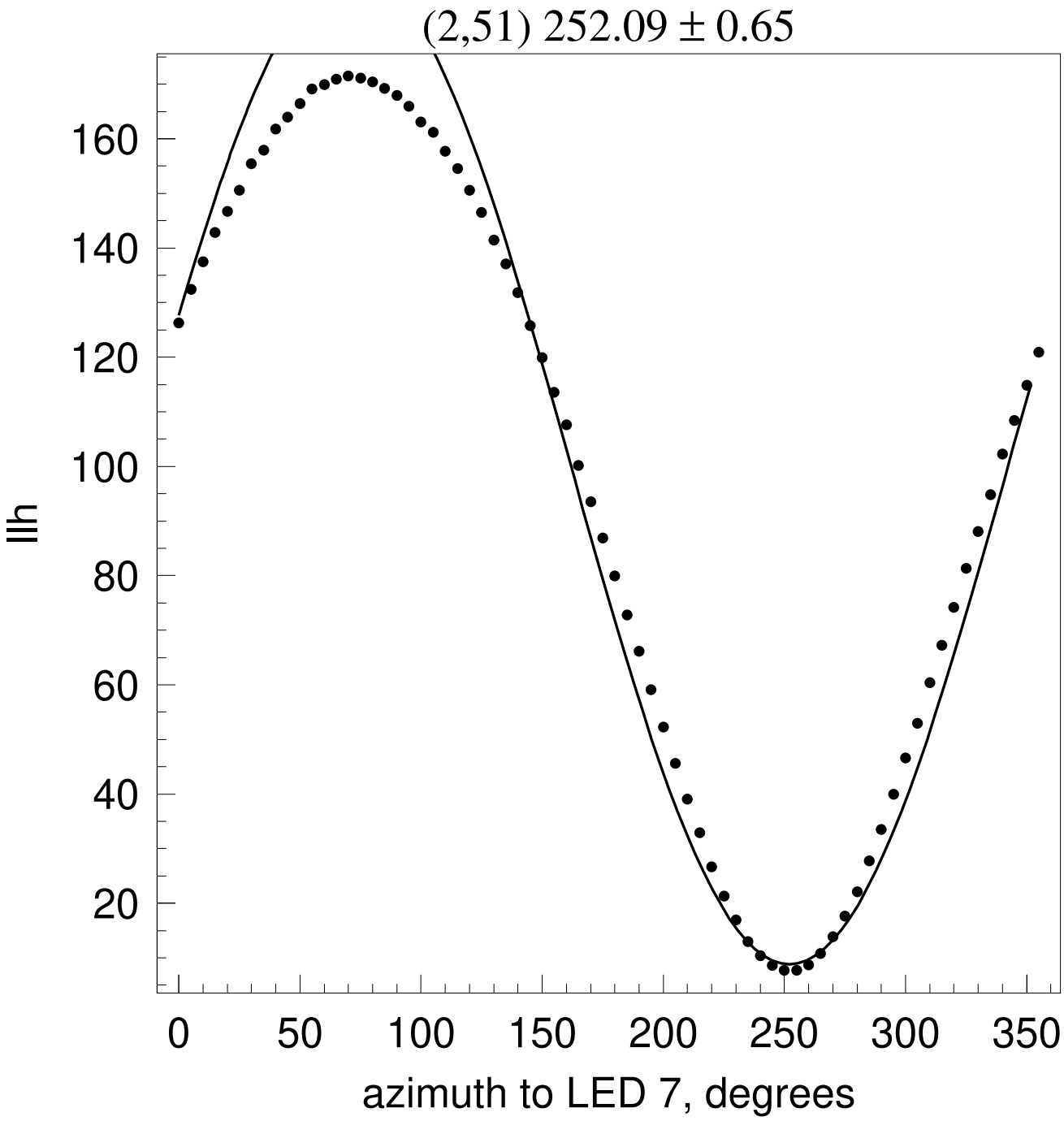

(2,46) 97.23 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

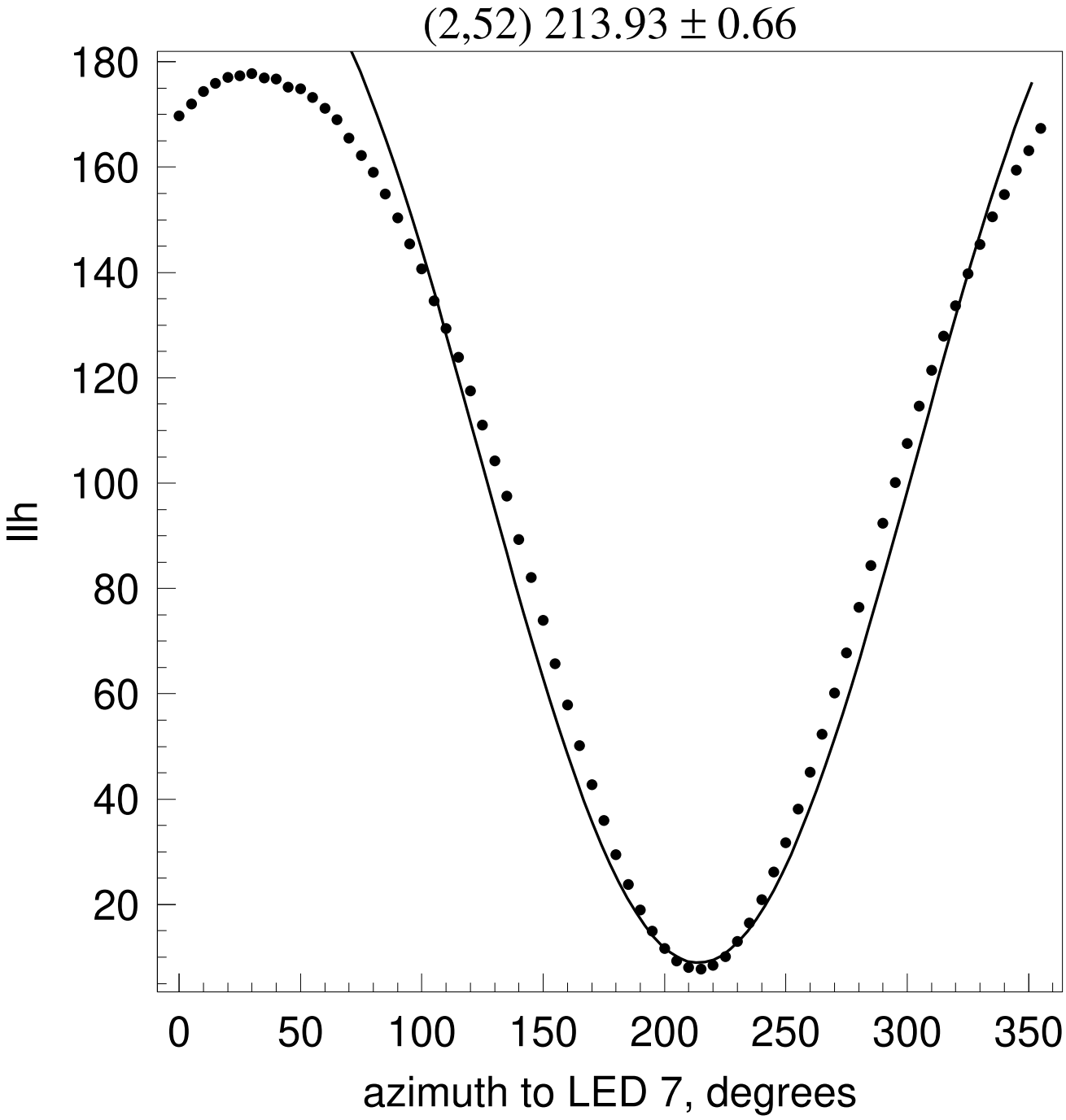

(2,47) 349.06 ± 0.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

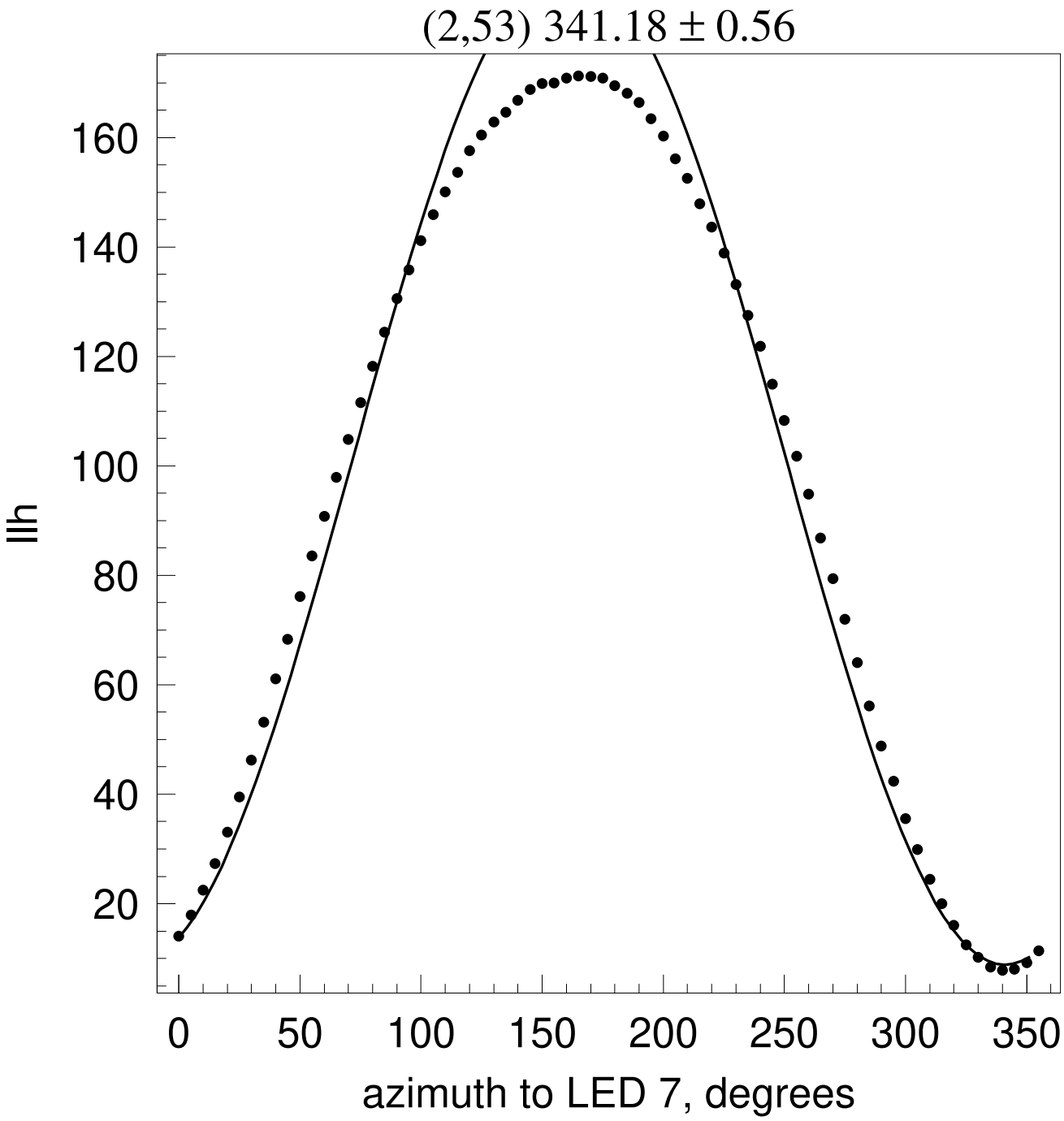

(2,48) 47.05 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

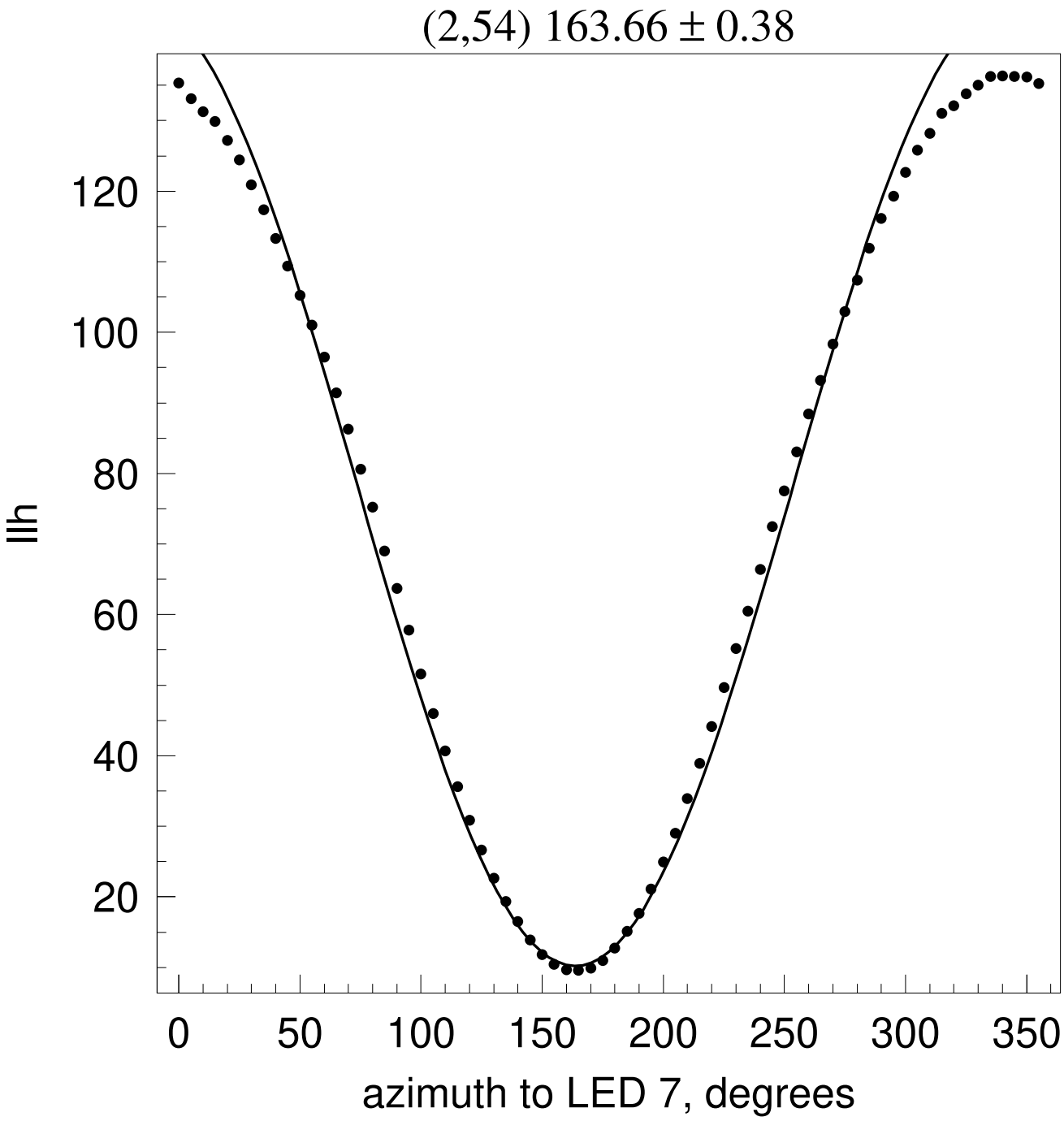

(2,49) 9.74 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

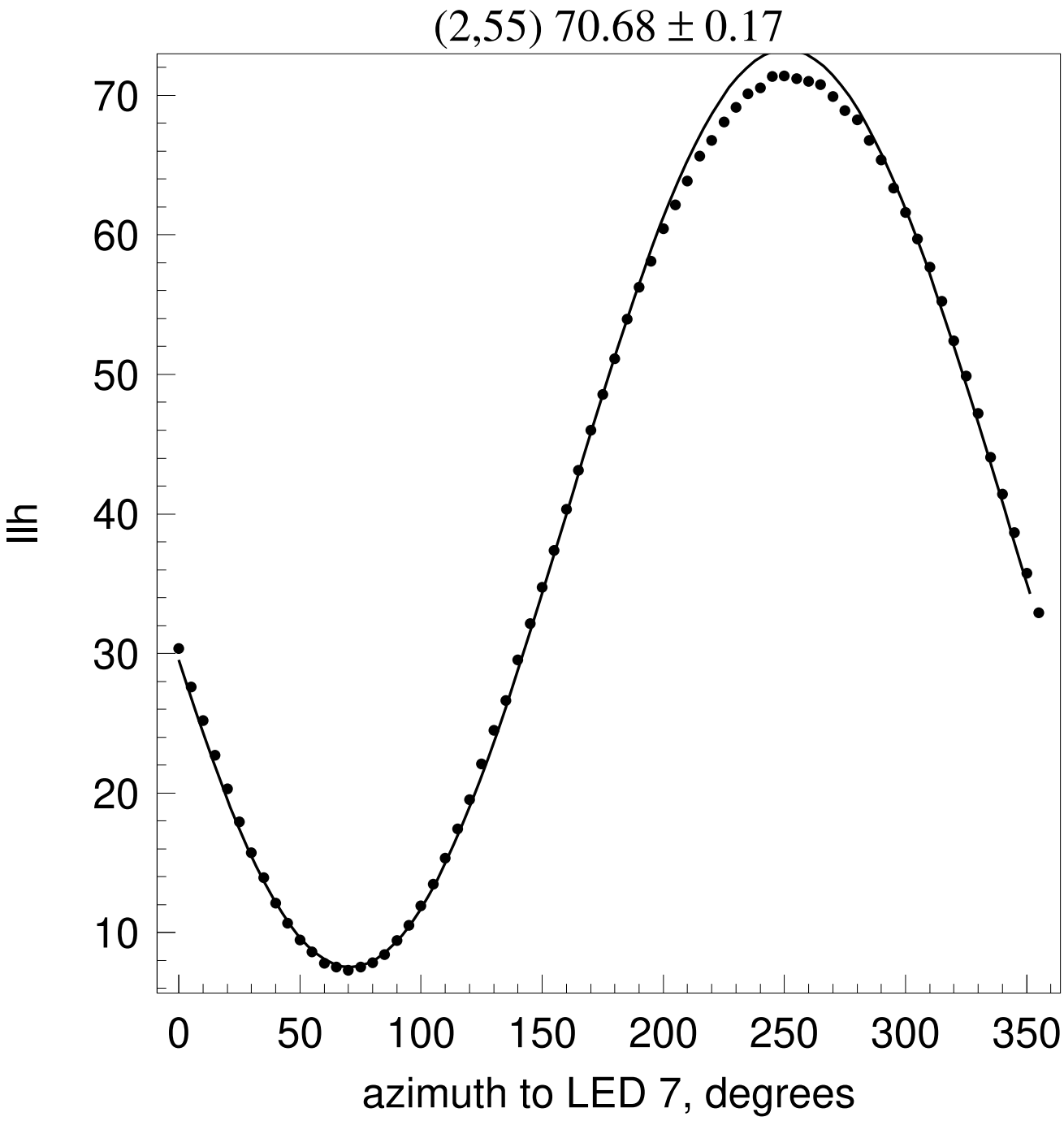

(2,50) 353.22 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

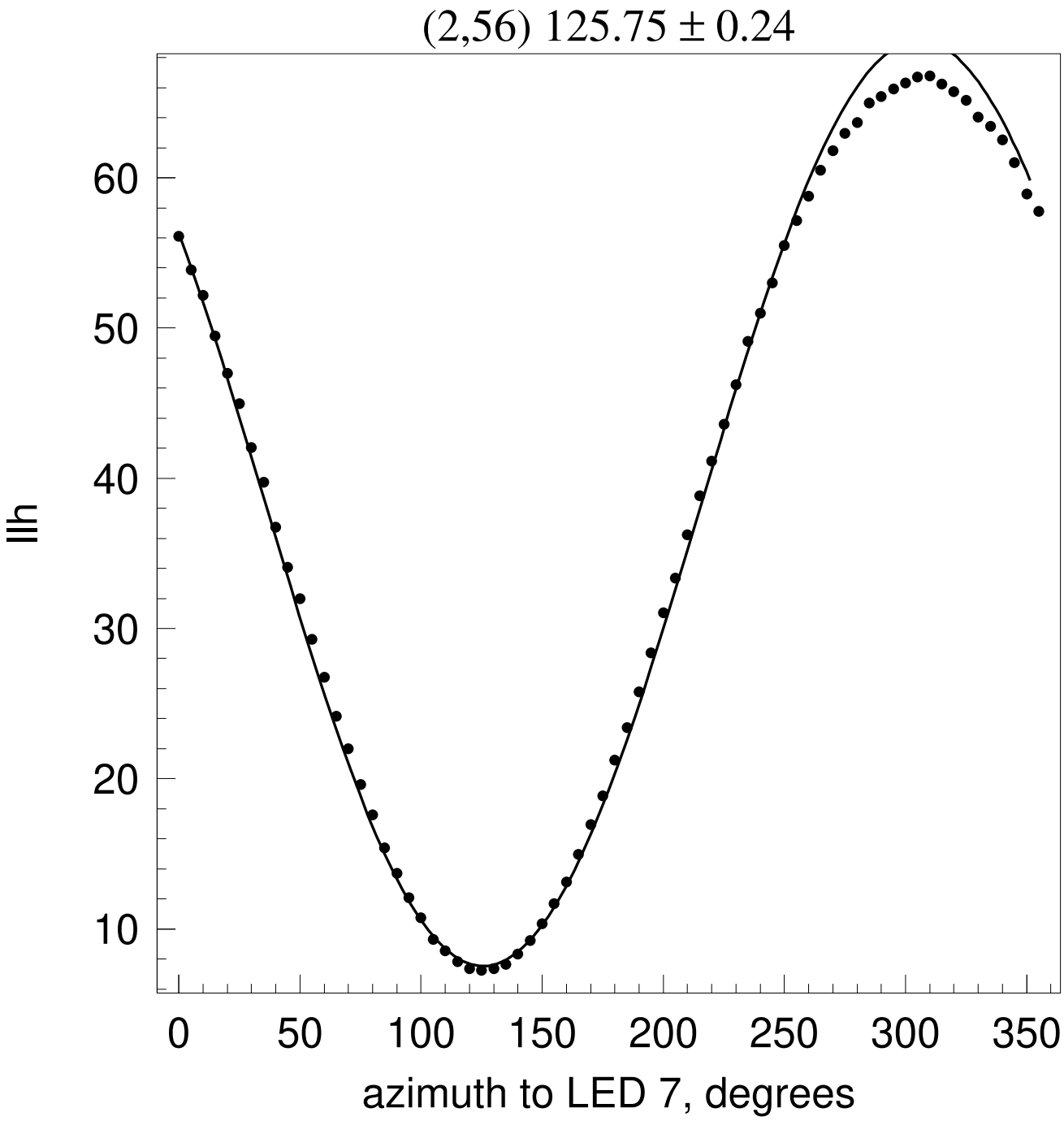

(2,51) 252.09 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

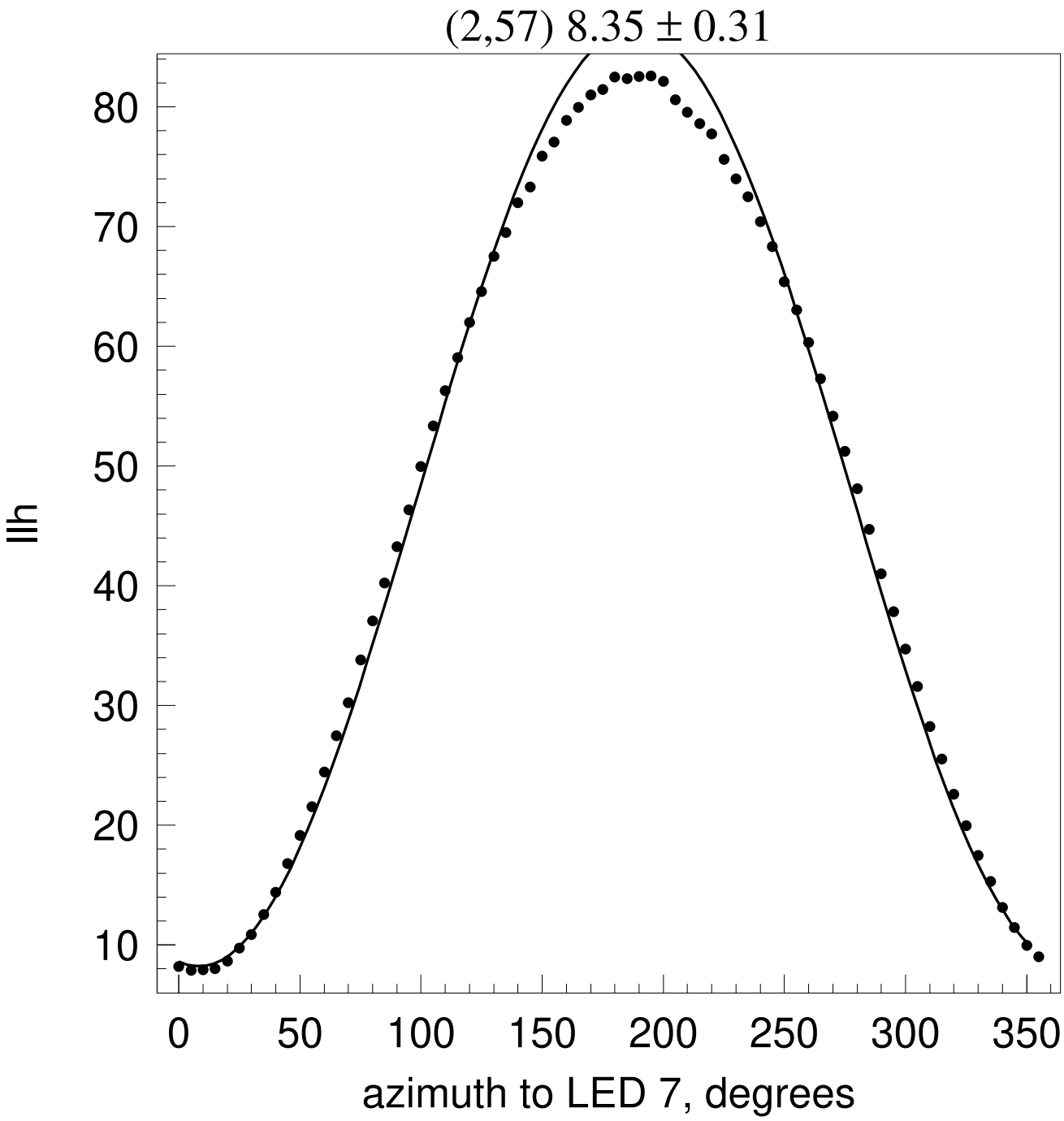

(2,52) 213.93 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

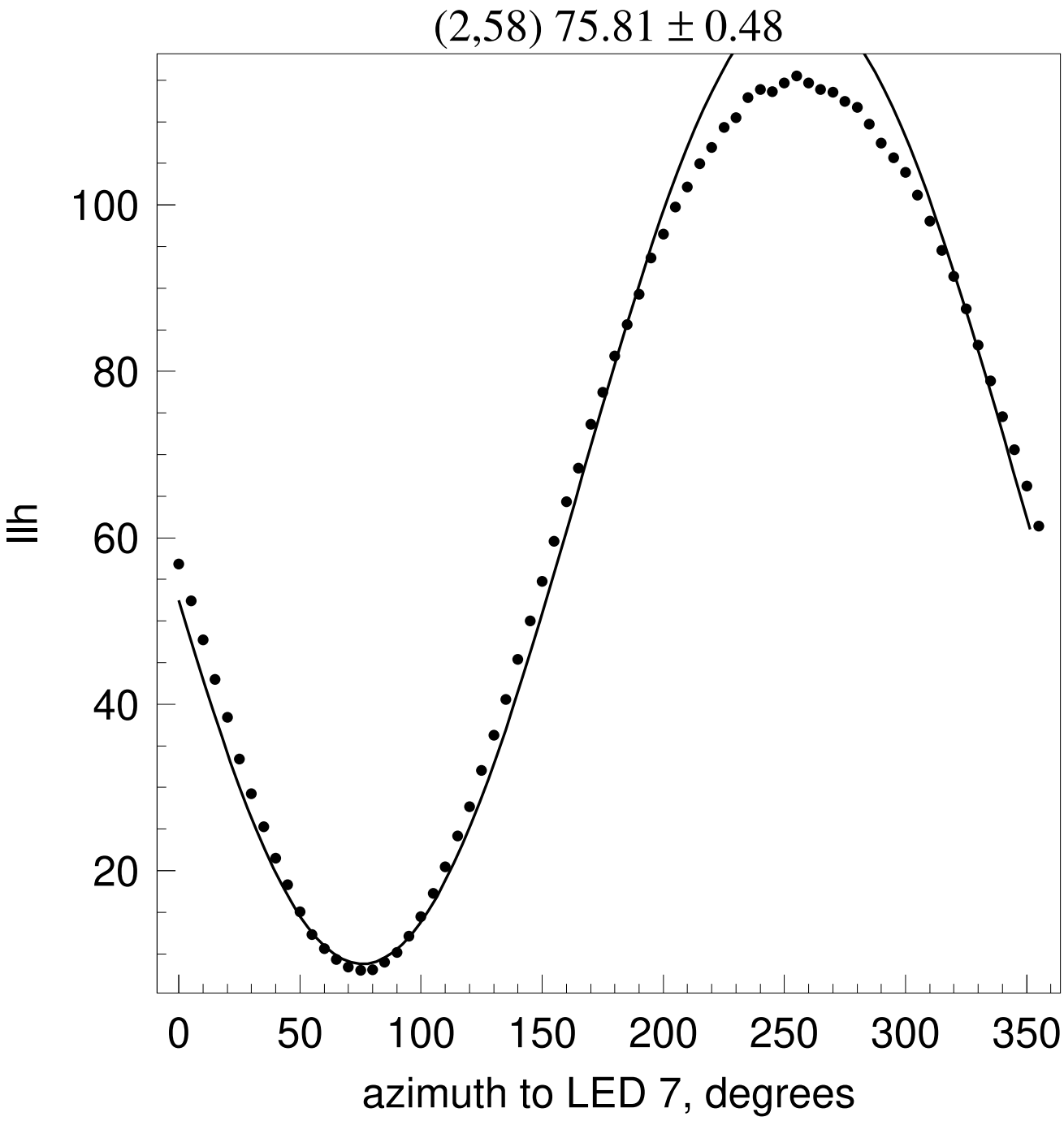

(2,53) 341.18 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

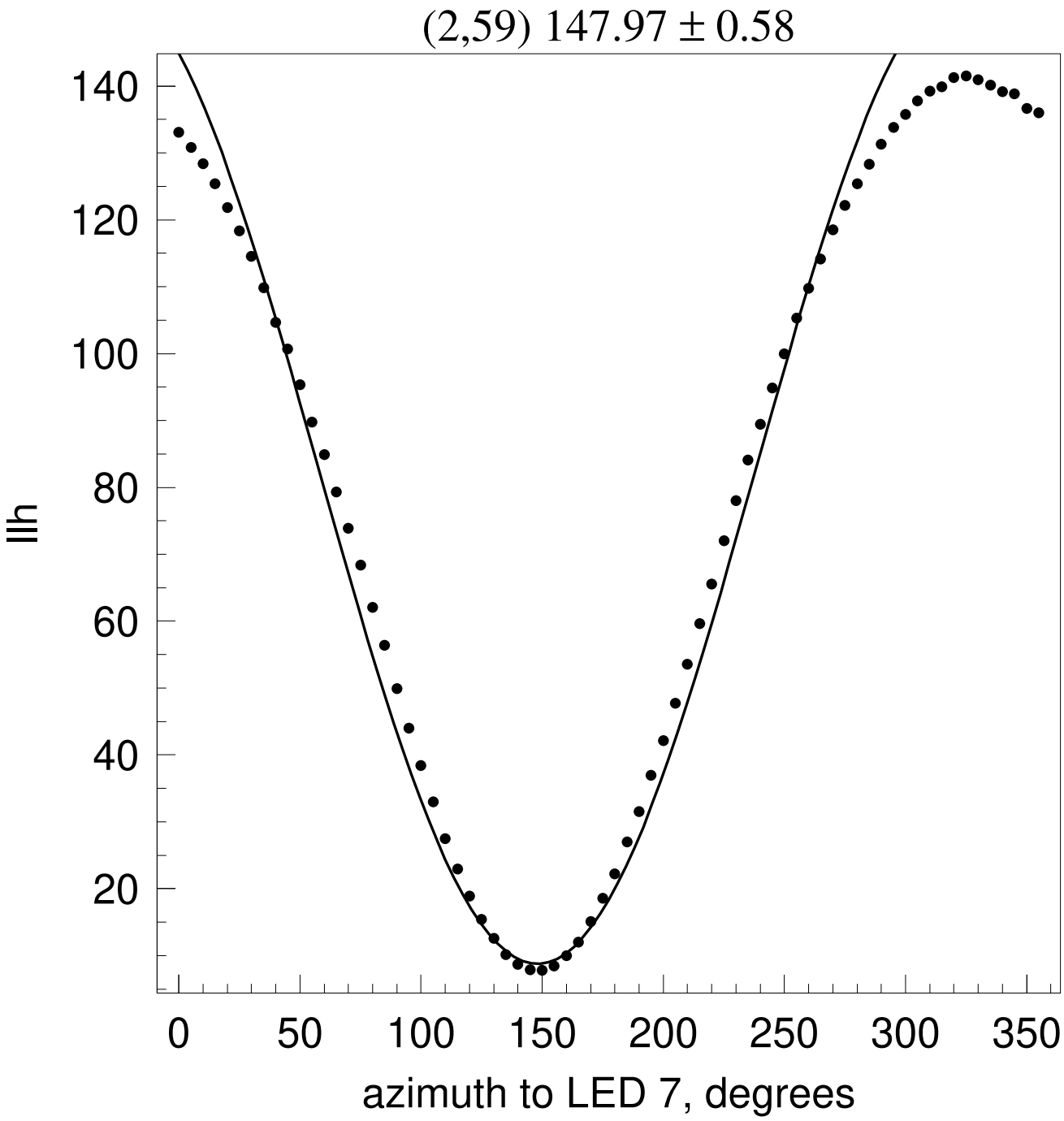

(2,54) 163.66 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

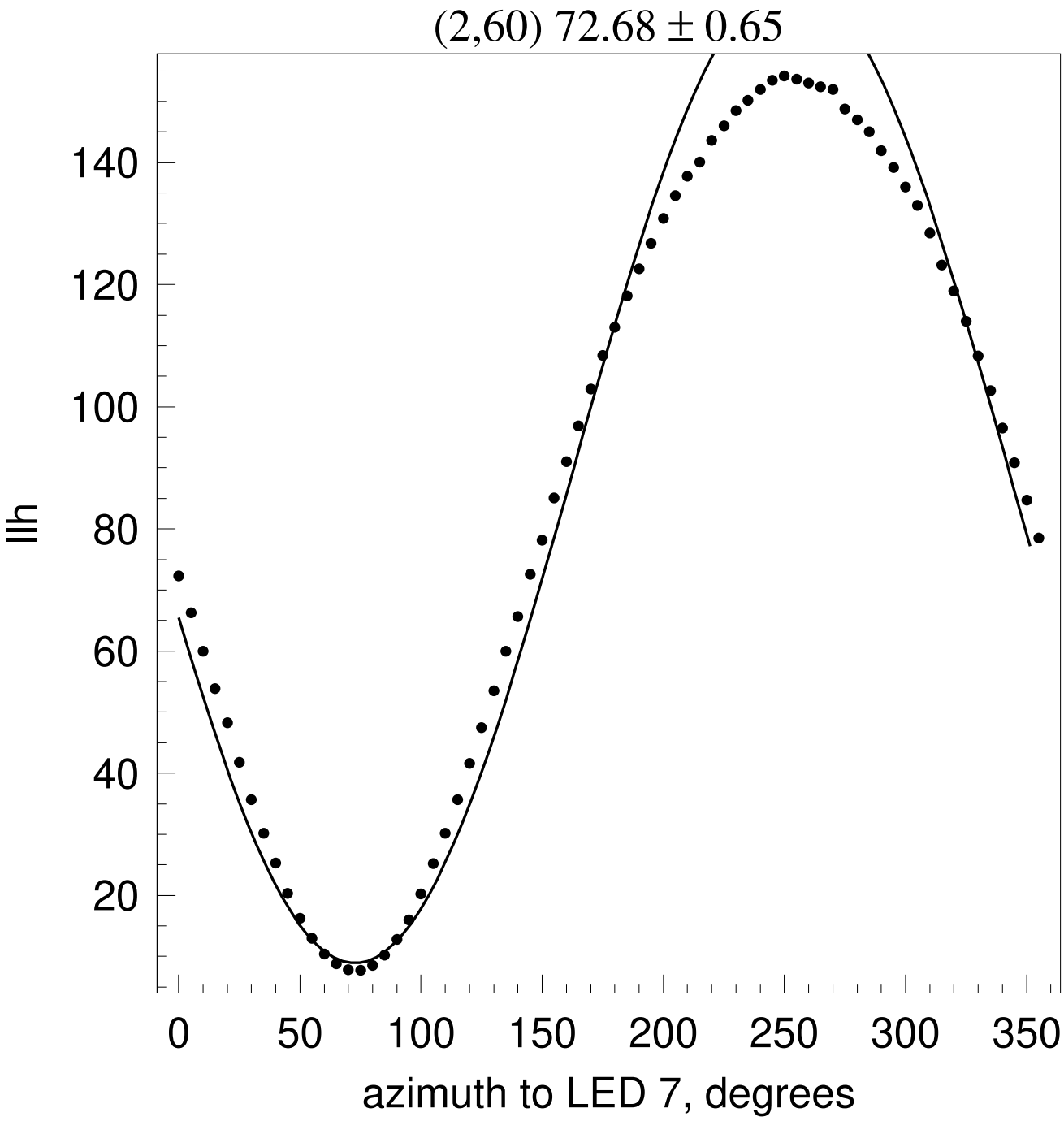

(2,55) 70.68 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

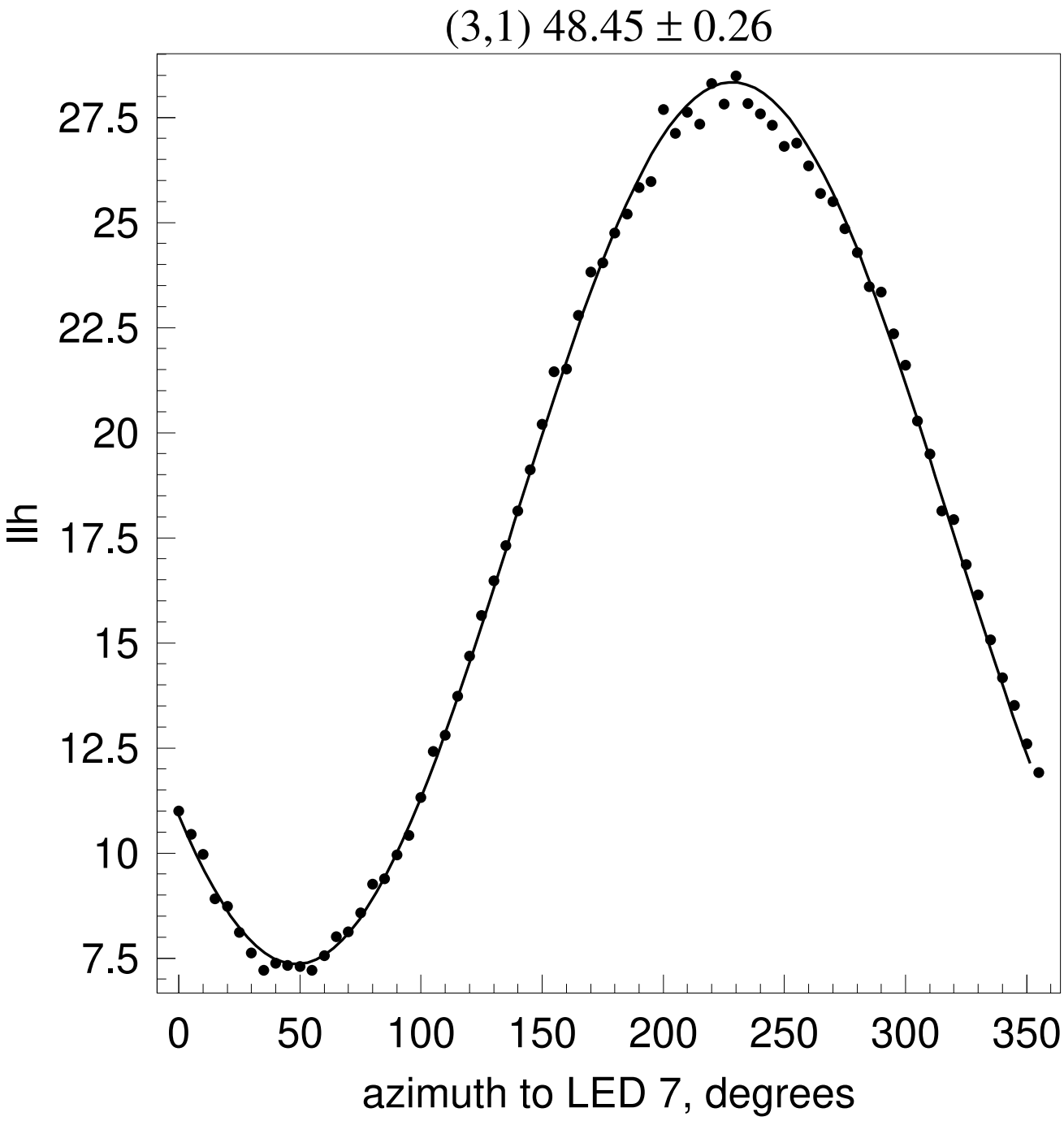

(2,56) 125.75 ± 0.24
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

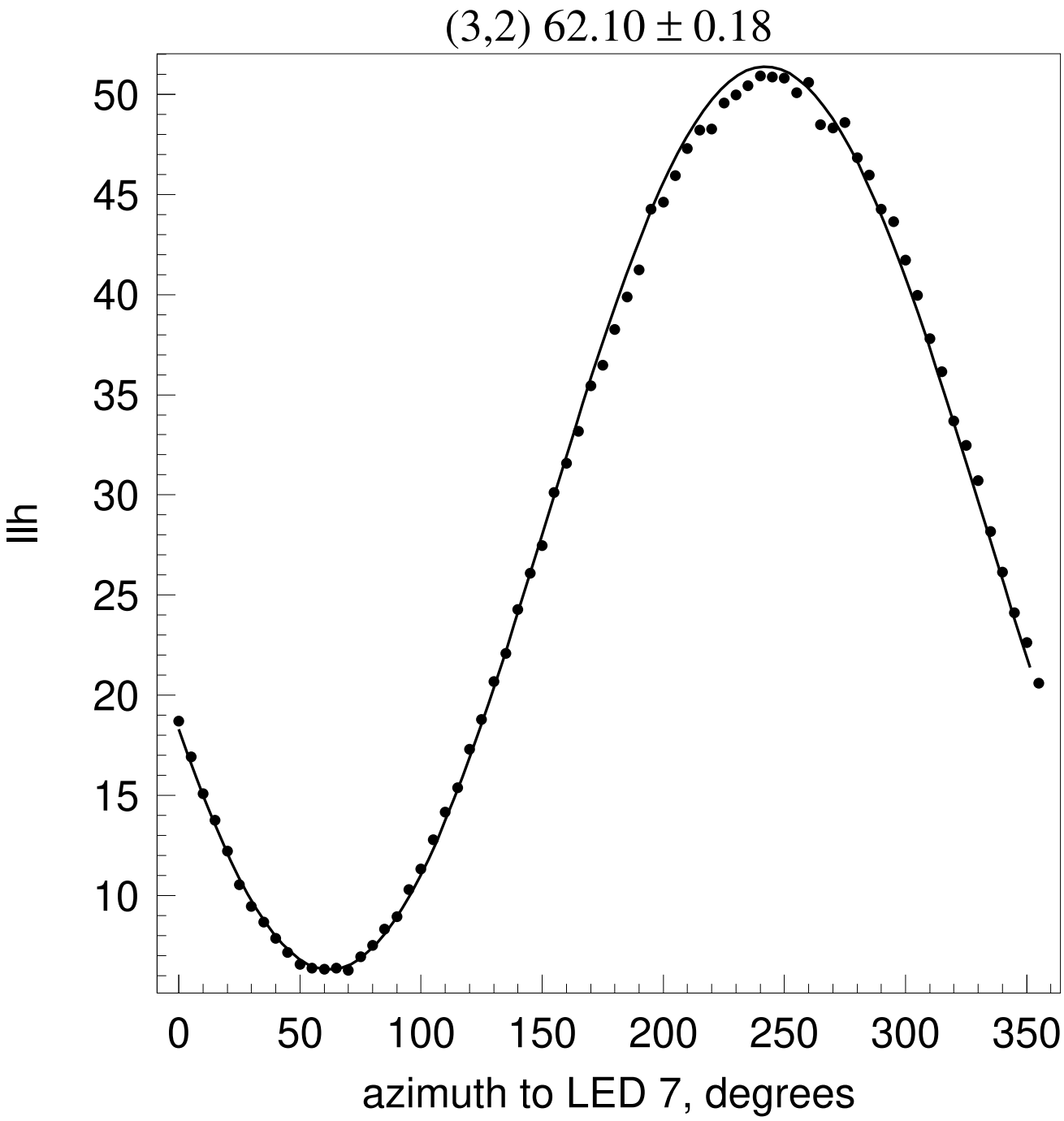

(2,57) 8.35 ± 0.31
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

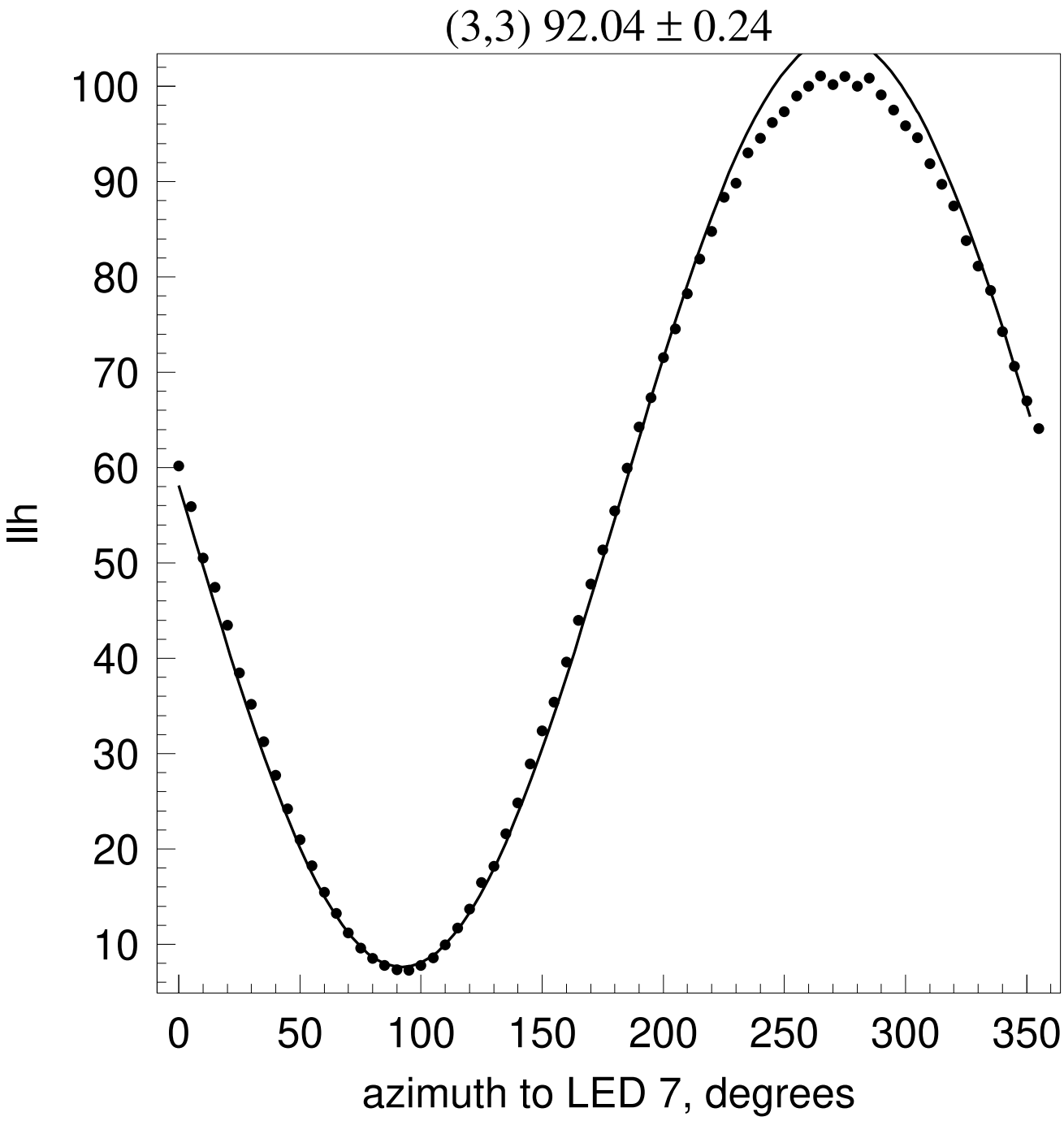

(2,58) 75.81 ± 0.48
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

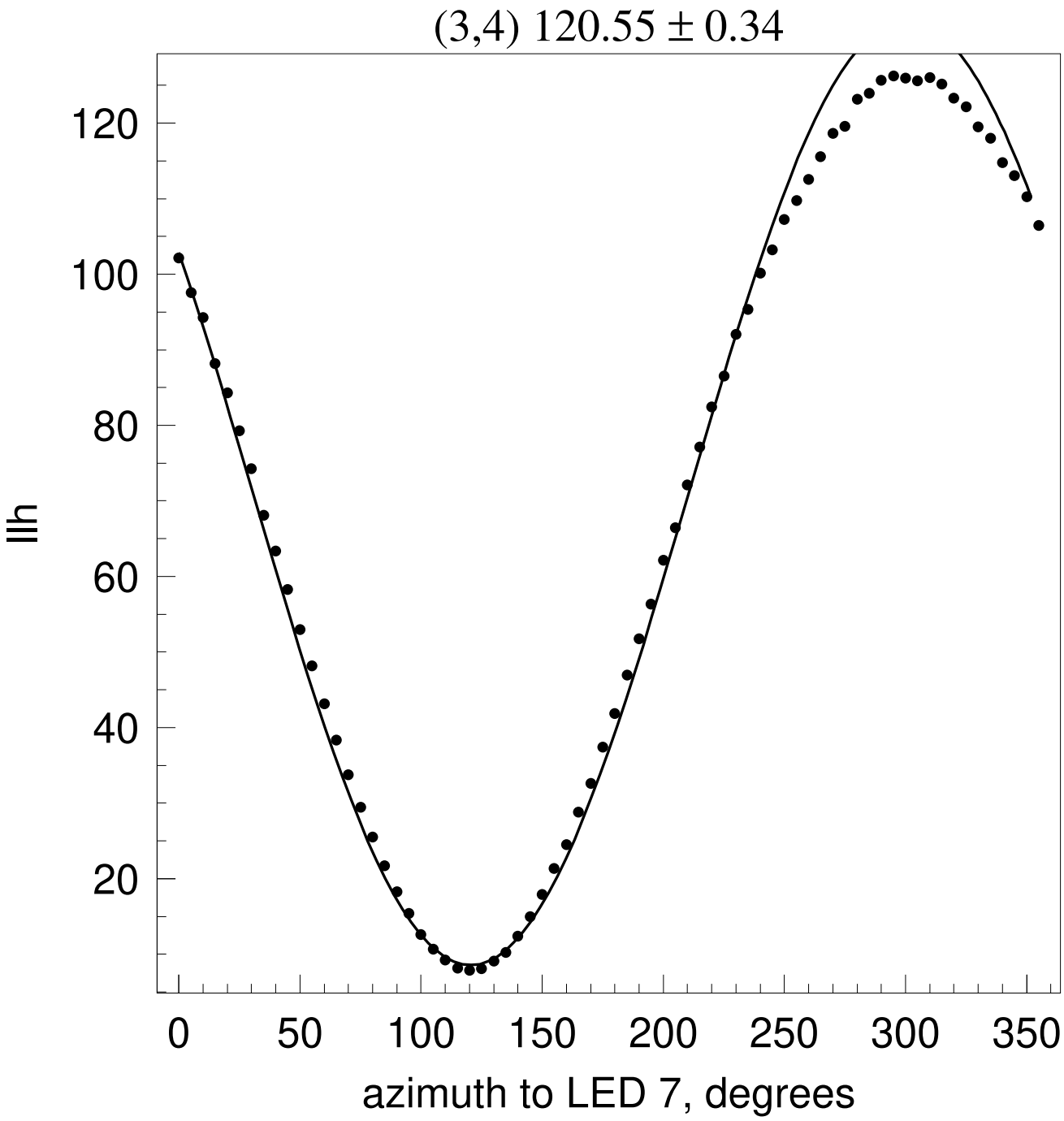

(2,59) 147.97 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

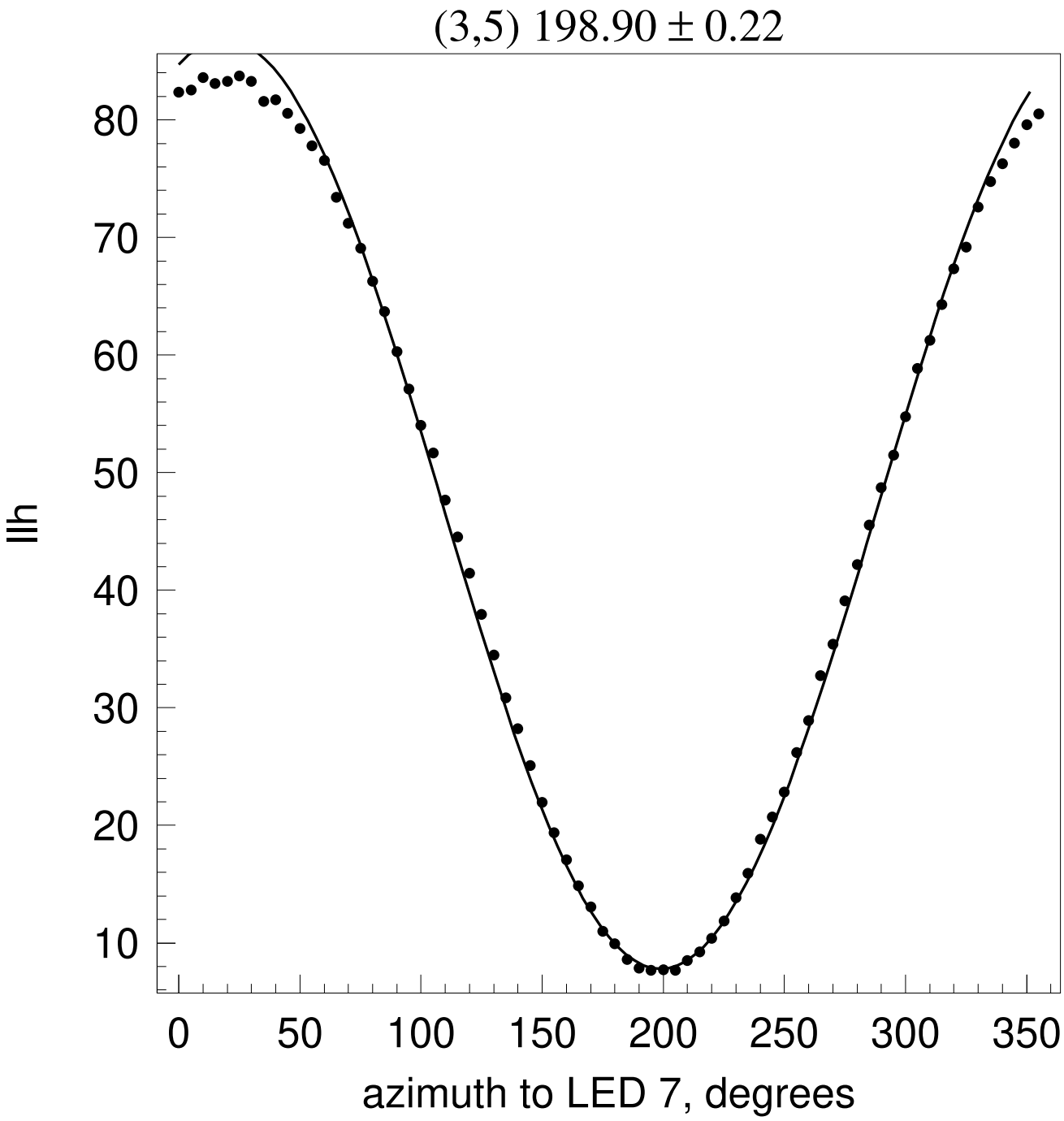

(2,60) 72.68 ± 0.65
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

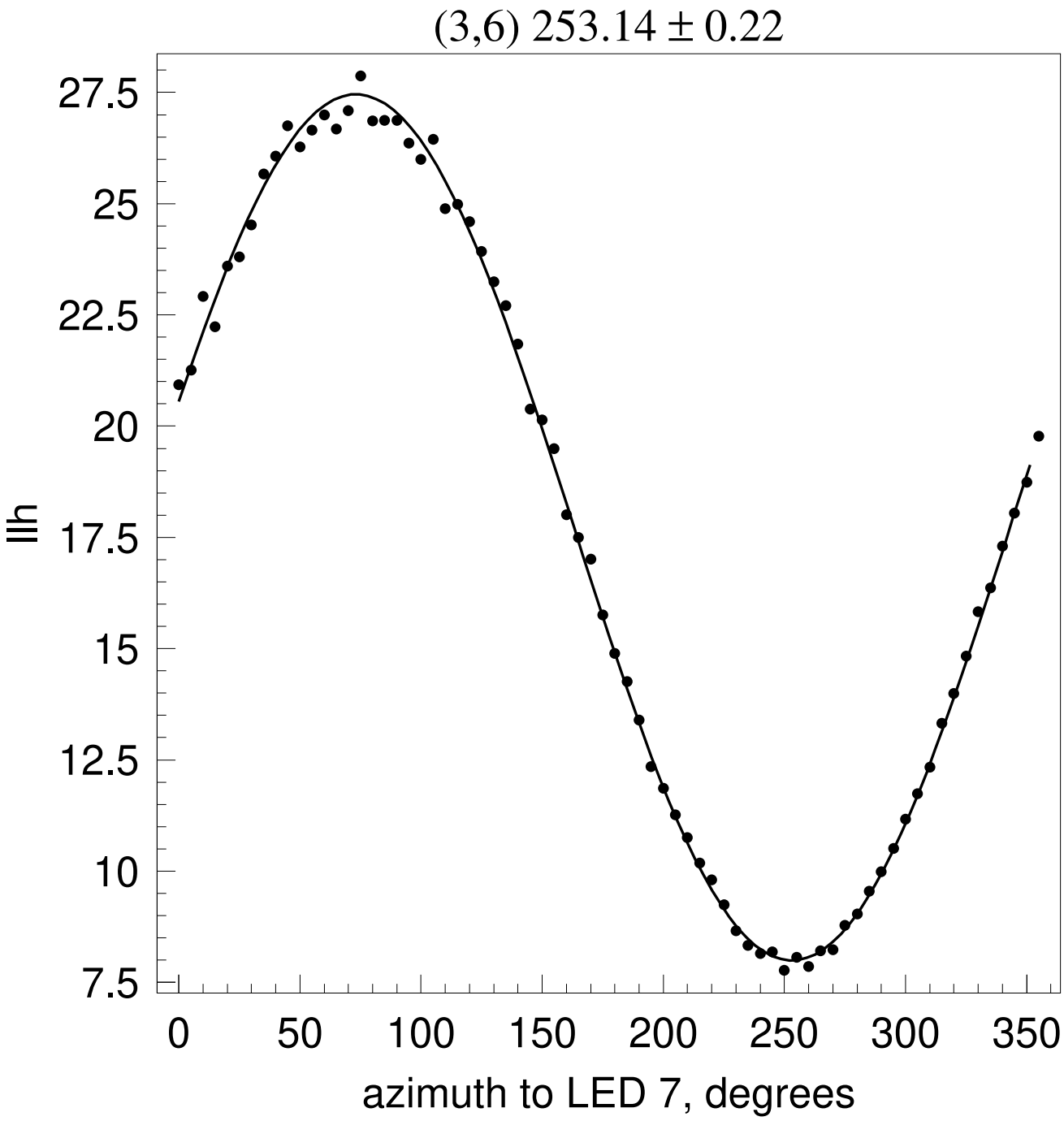

(3,1) 48.45 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

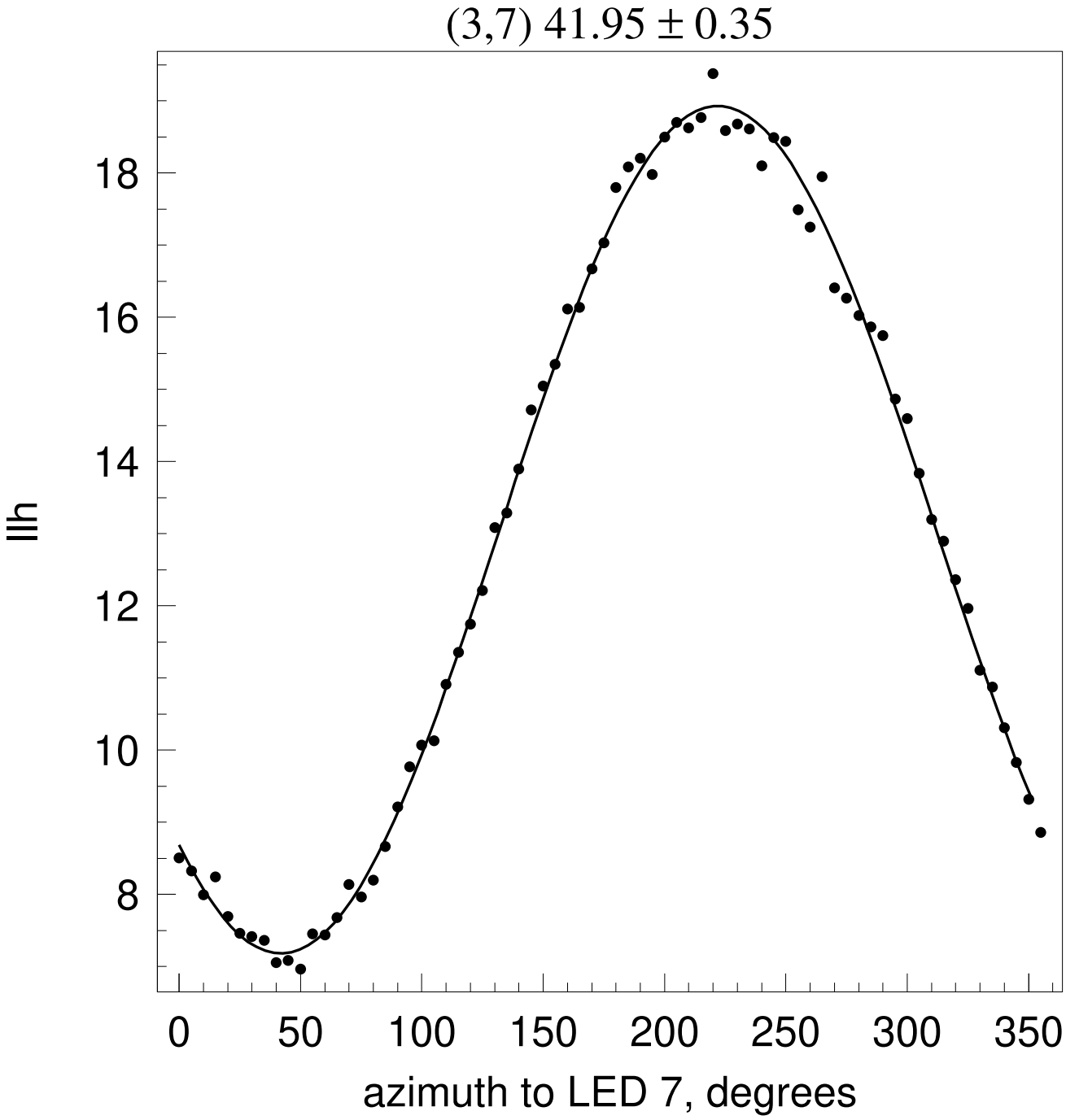

(3,2) 62.10 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

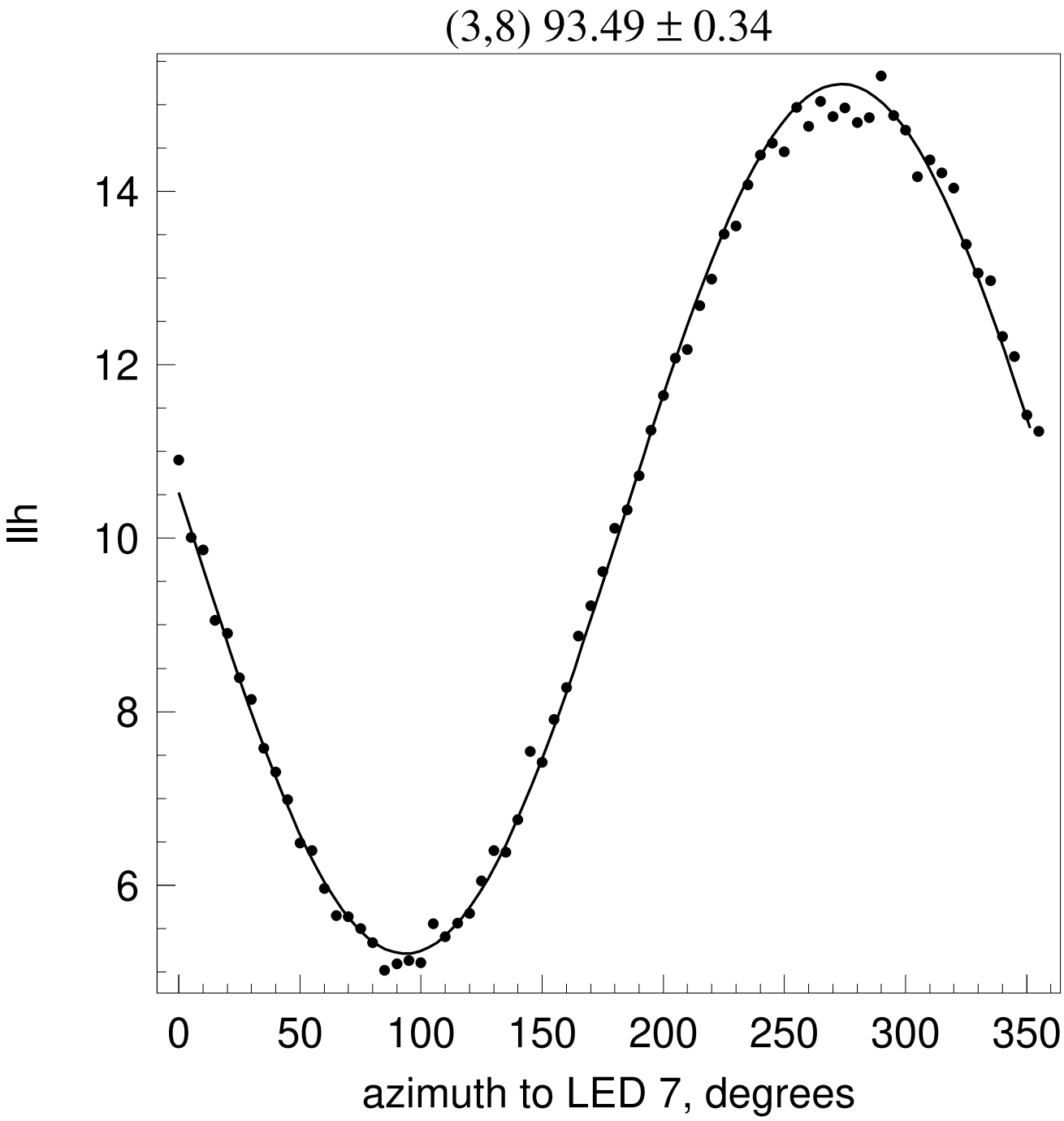

(3,3) 92.04 ± 0.24
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

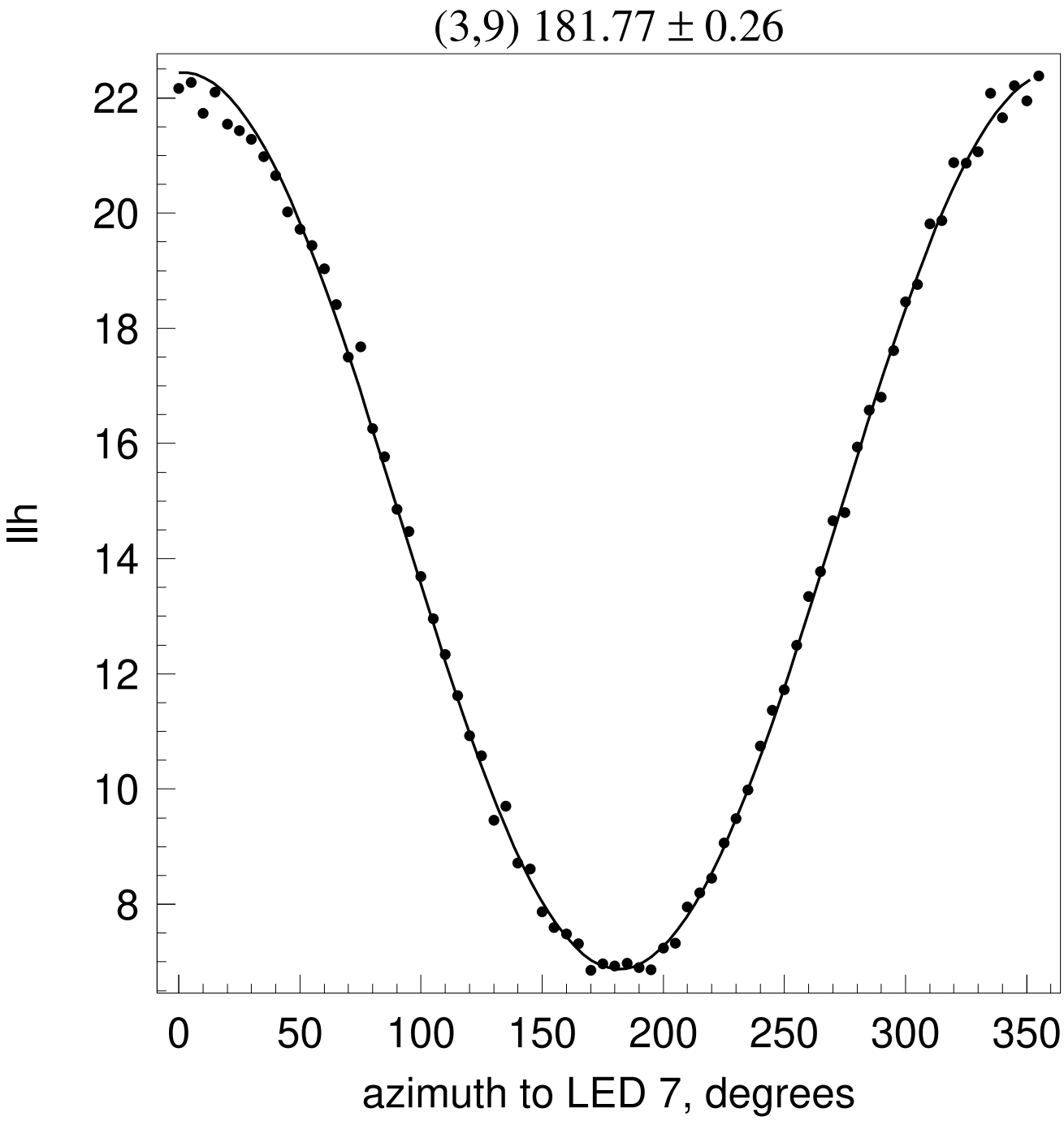

(3,4) 120.55 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

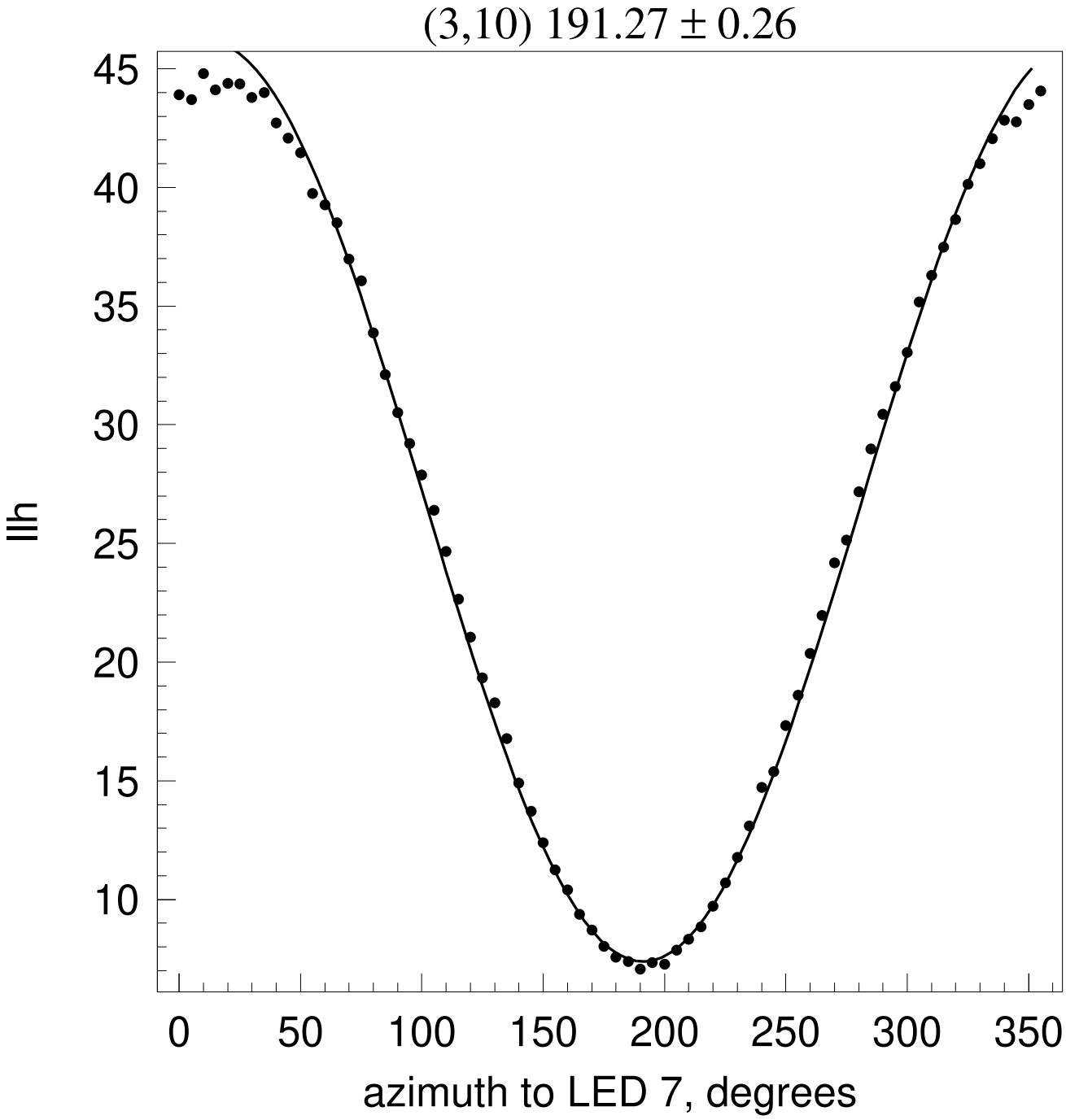

(3,5) 198.90 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

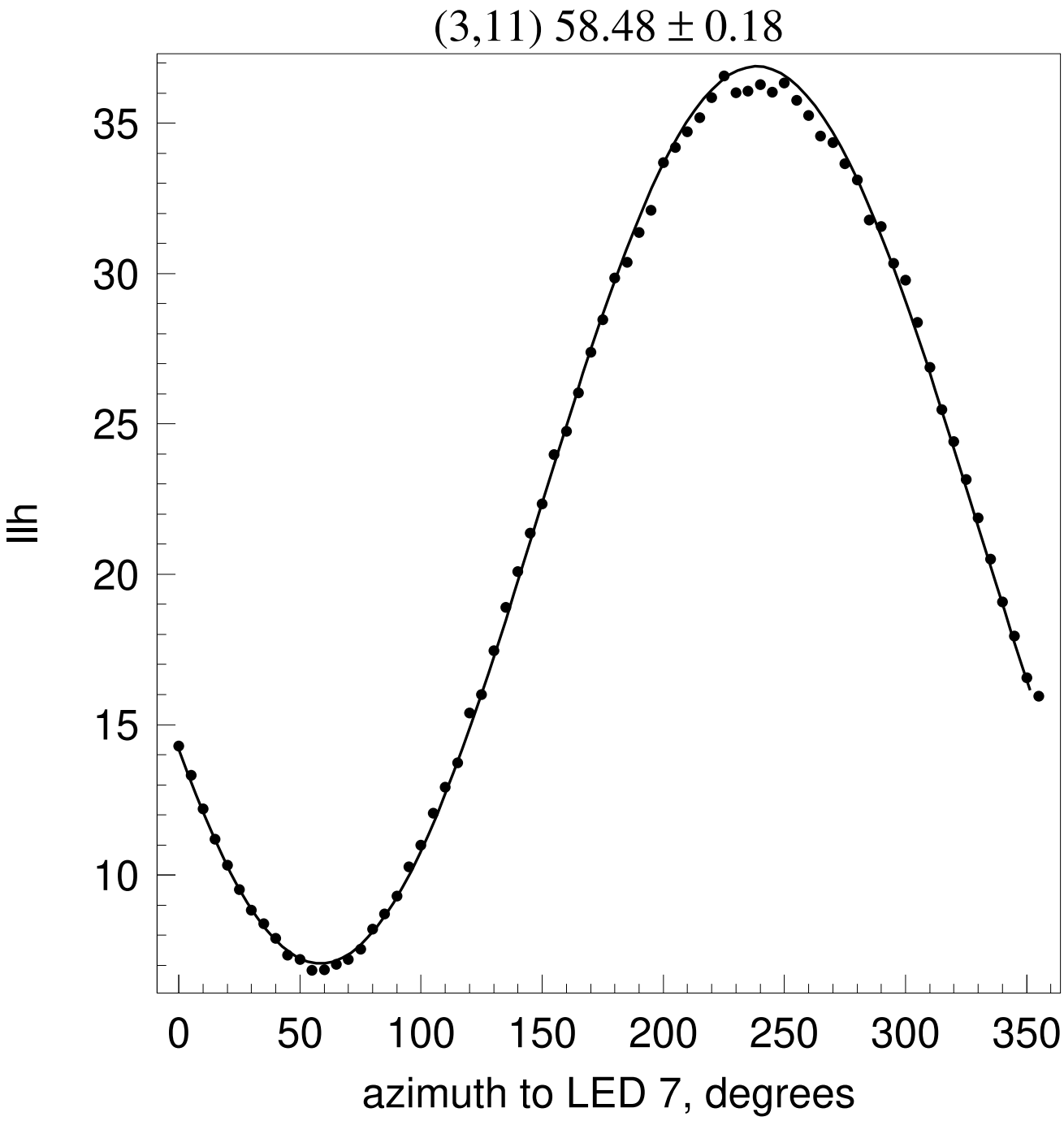

(3,6) 253.14 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

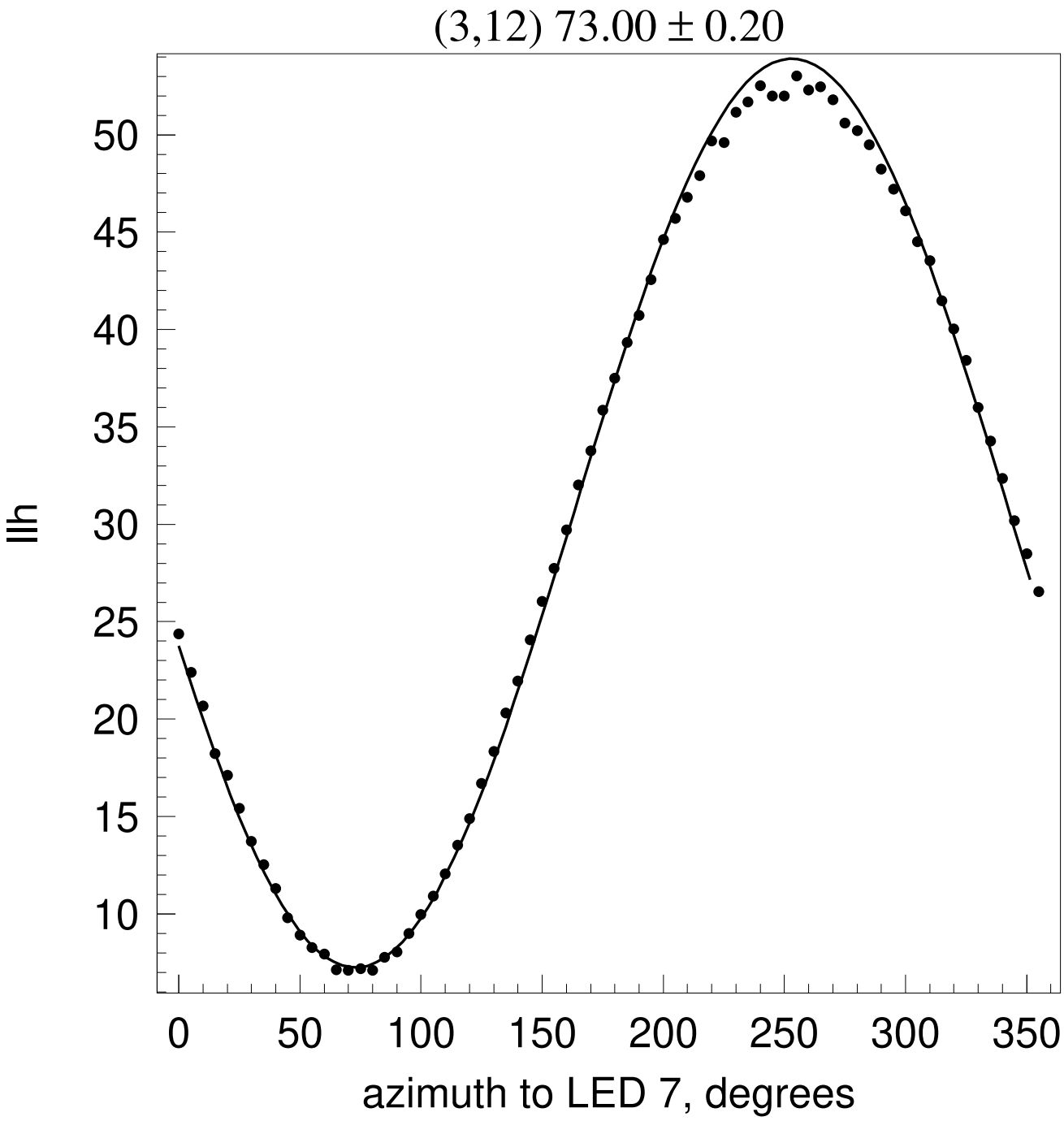

(3,7) 41.95 ± 0.35
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

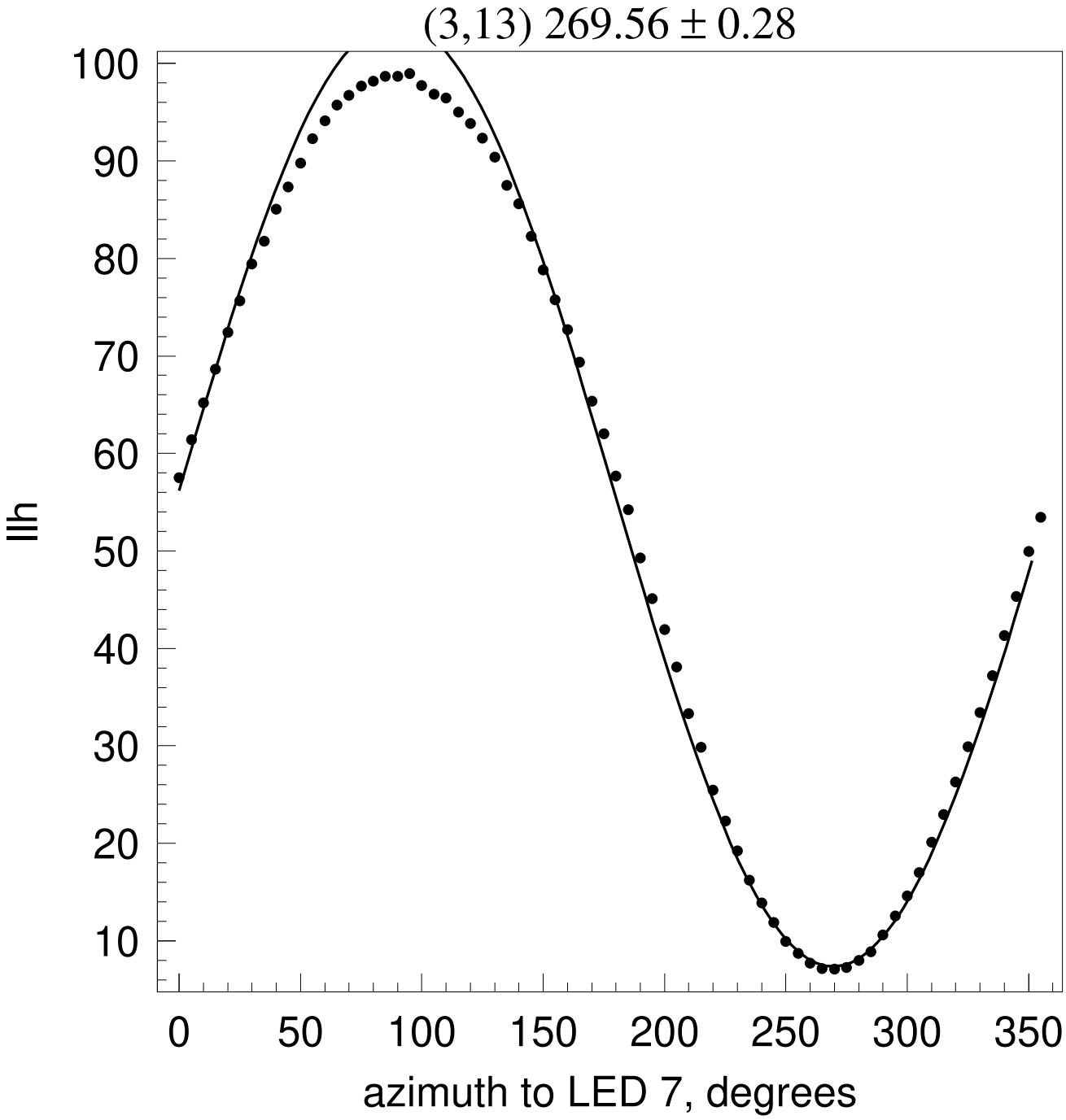

(3,8) 93.49 ± 0.34
14
12
10
8
6
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

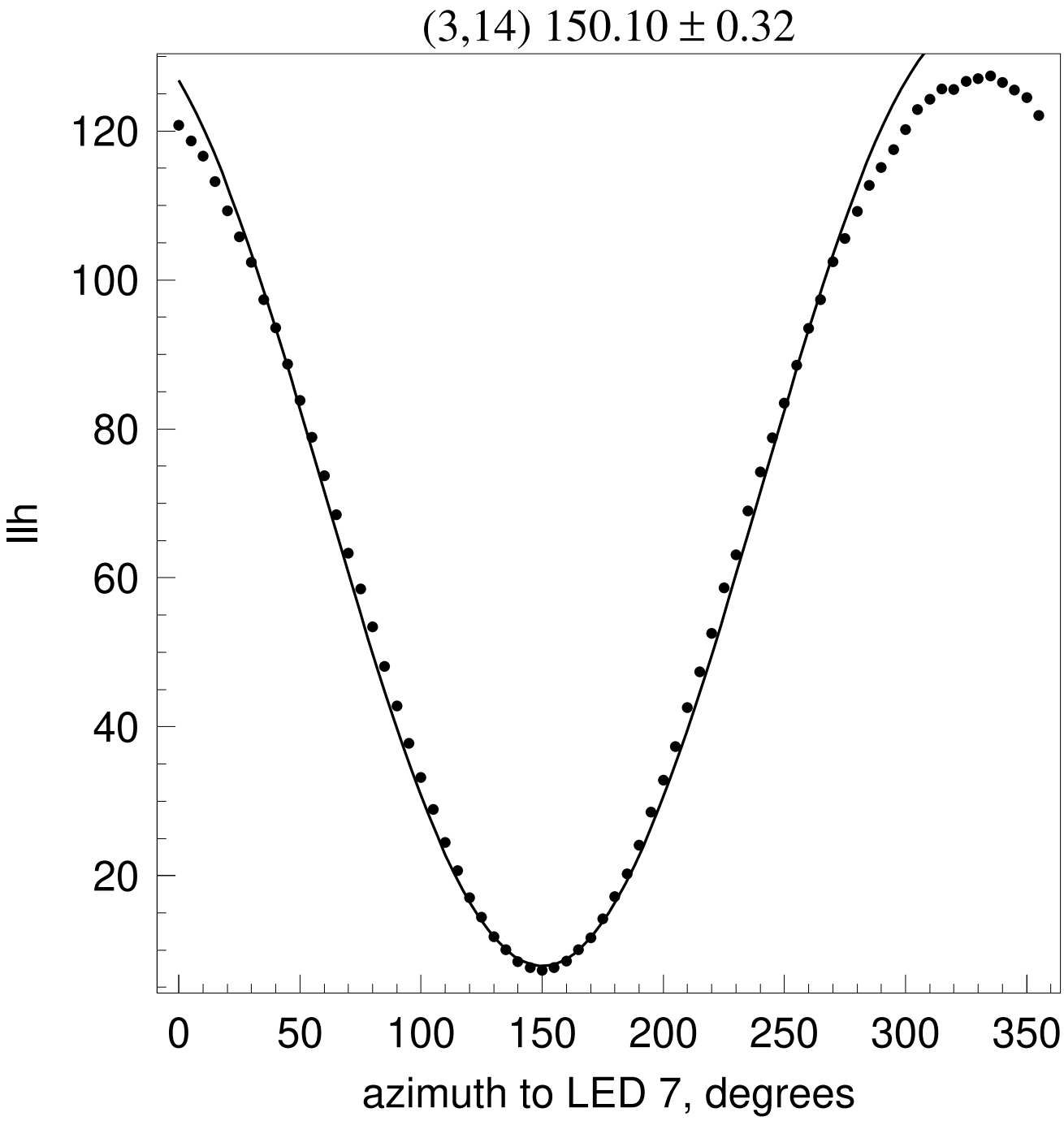

(3,9) 181.77 ± 0.26
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

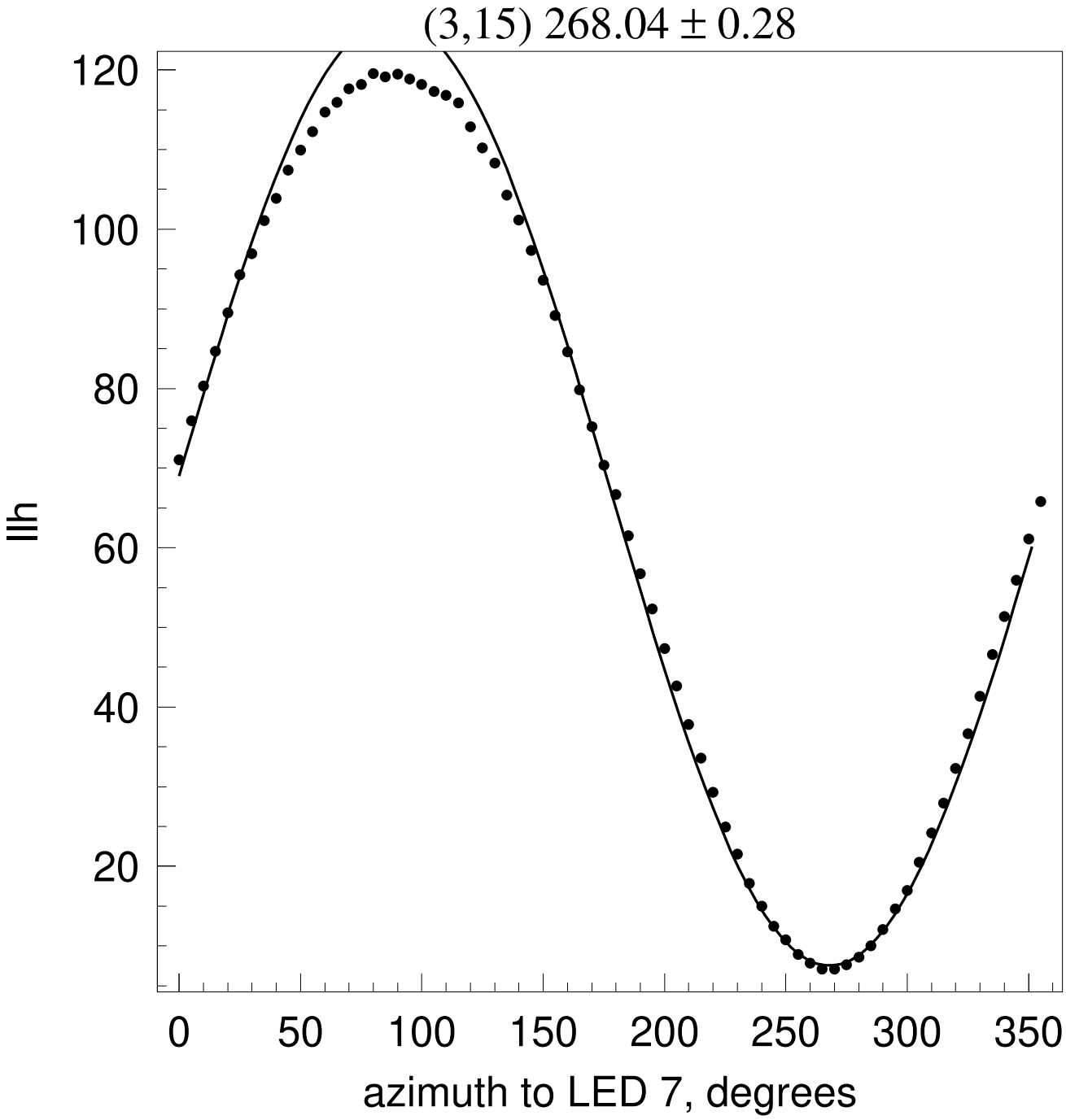

(3,10) 191.27 ± 0.26
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

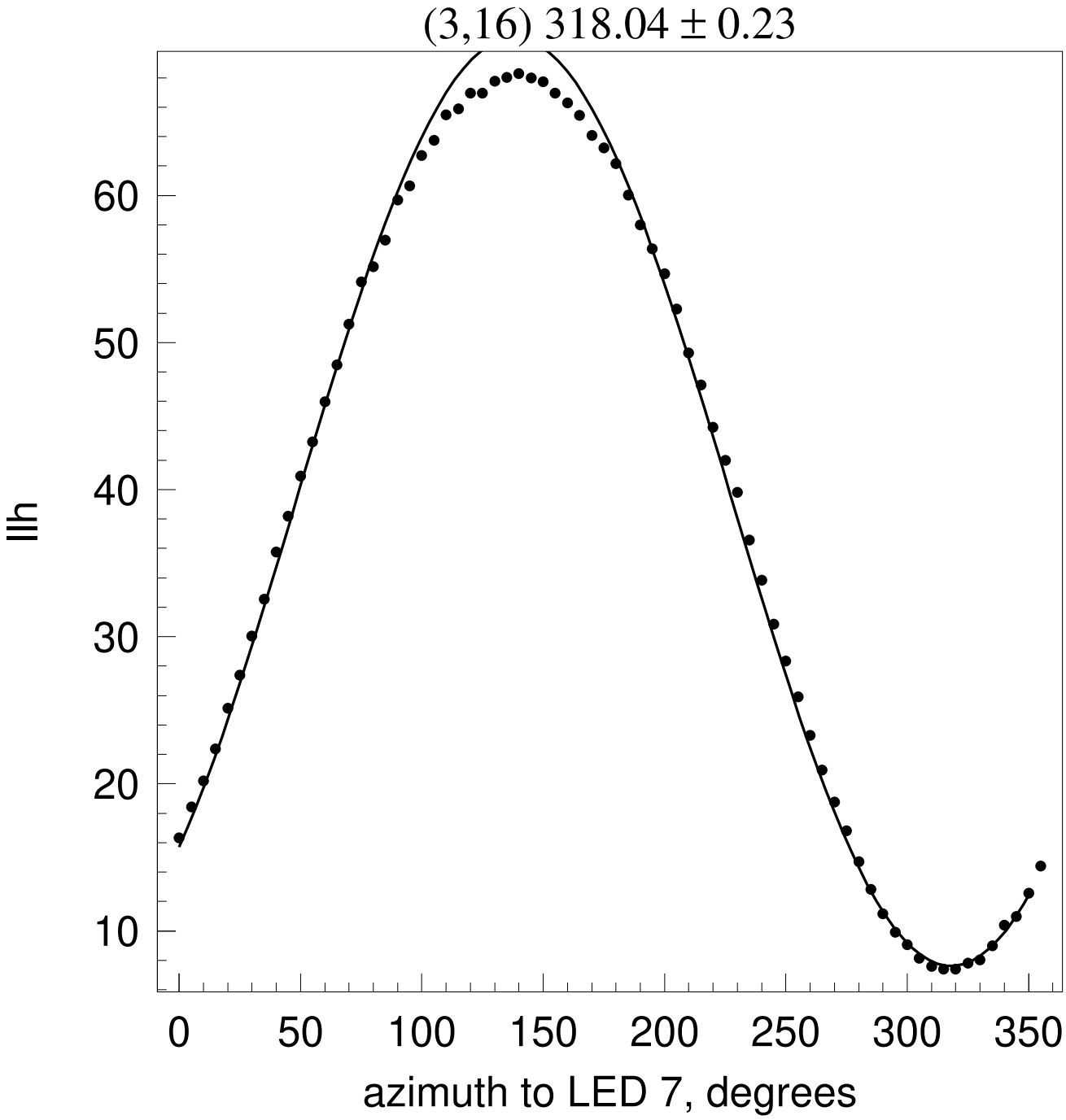

(3,11) 58.48 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

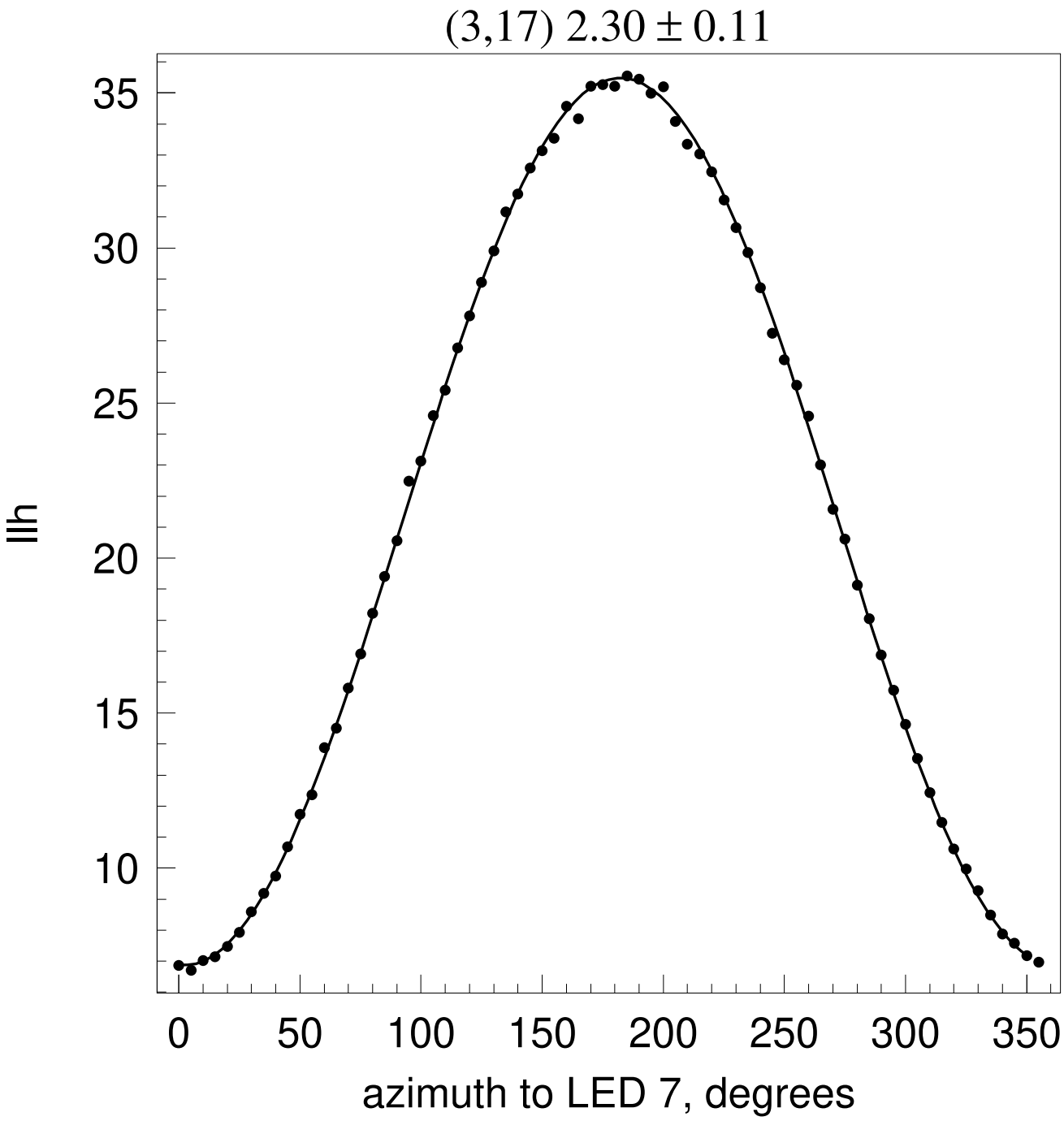

(3,12) 73.00 ± 0.20
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

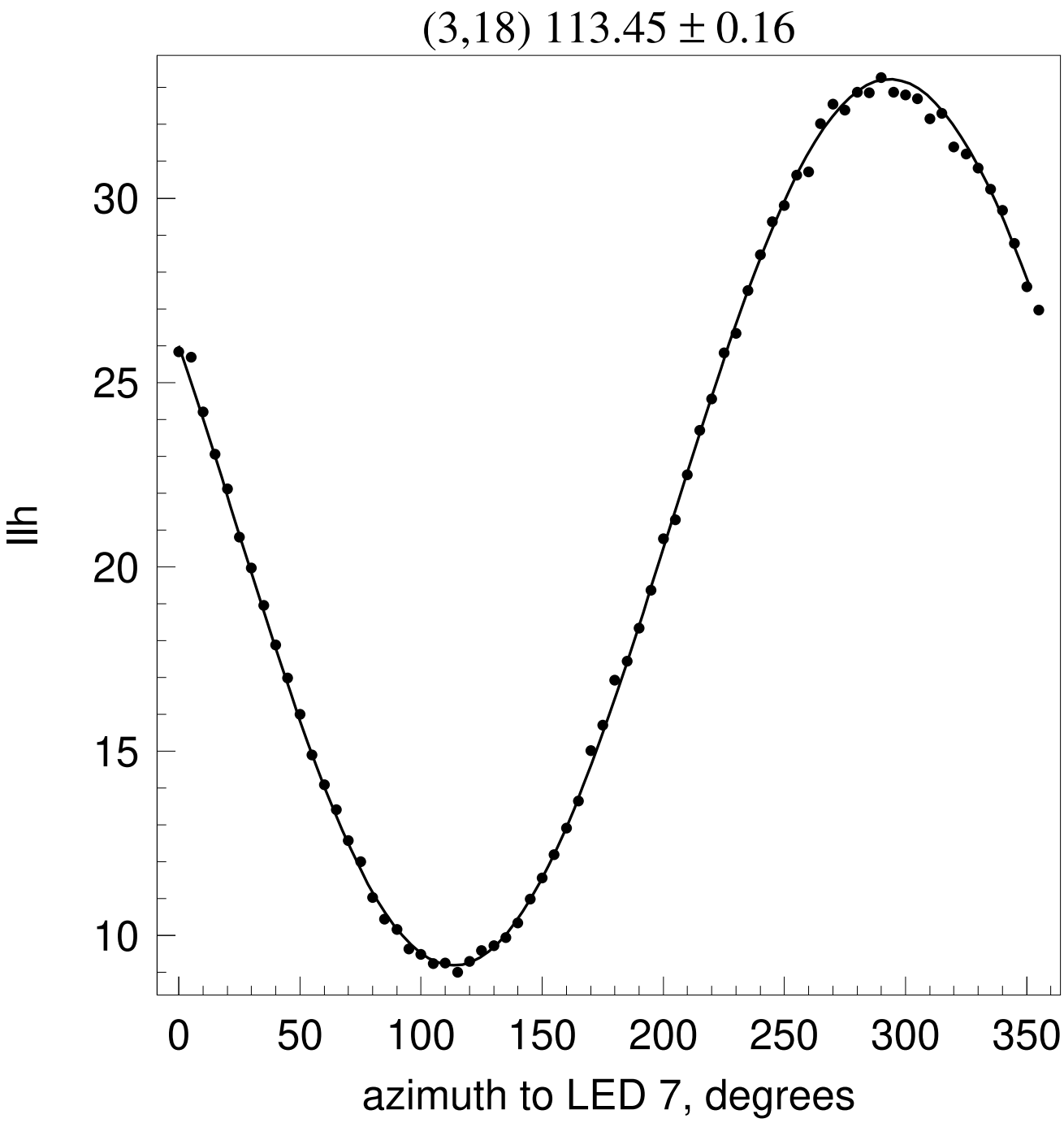

(3,13) 269.56 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

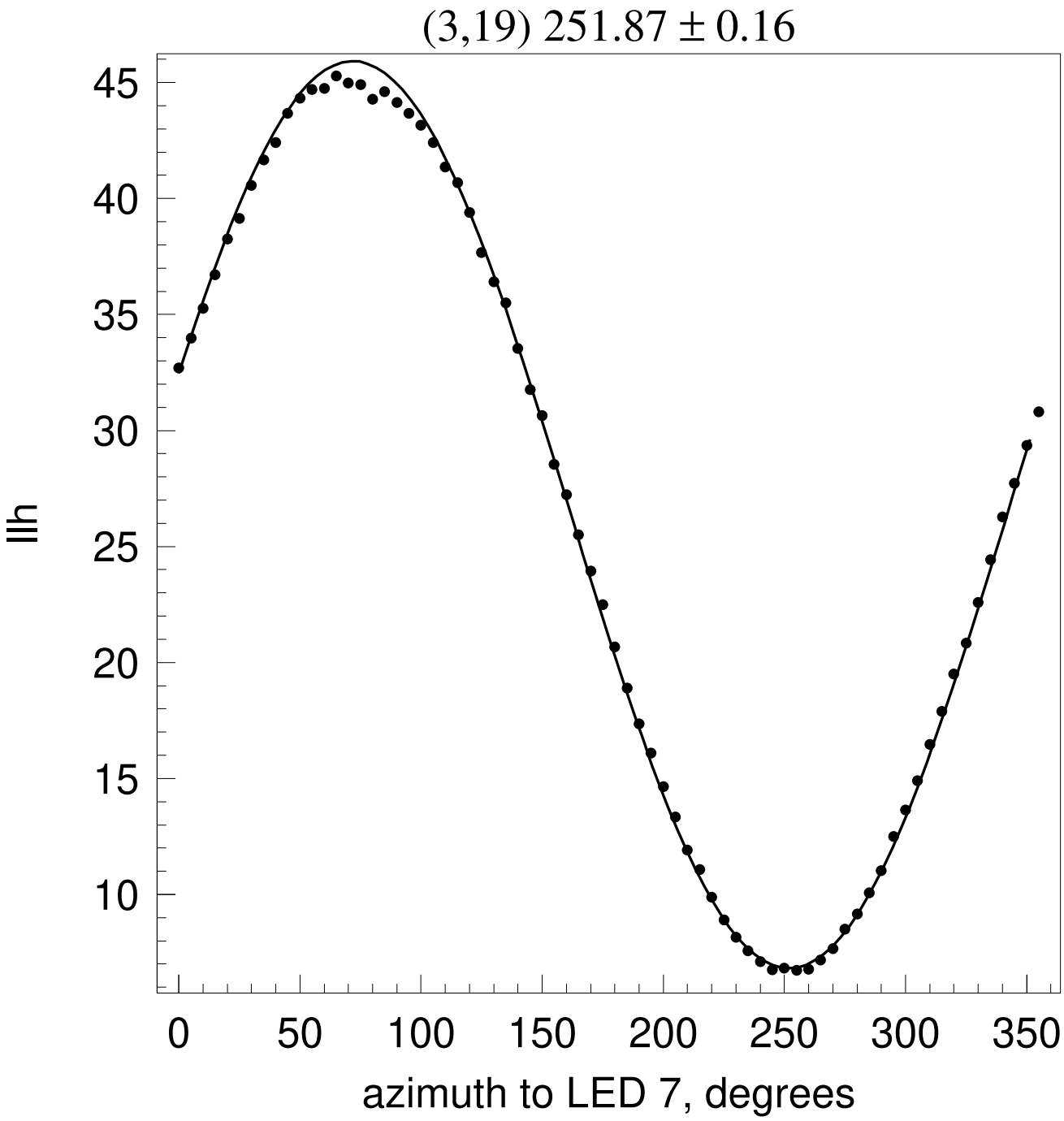

(3,14) 150.10 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

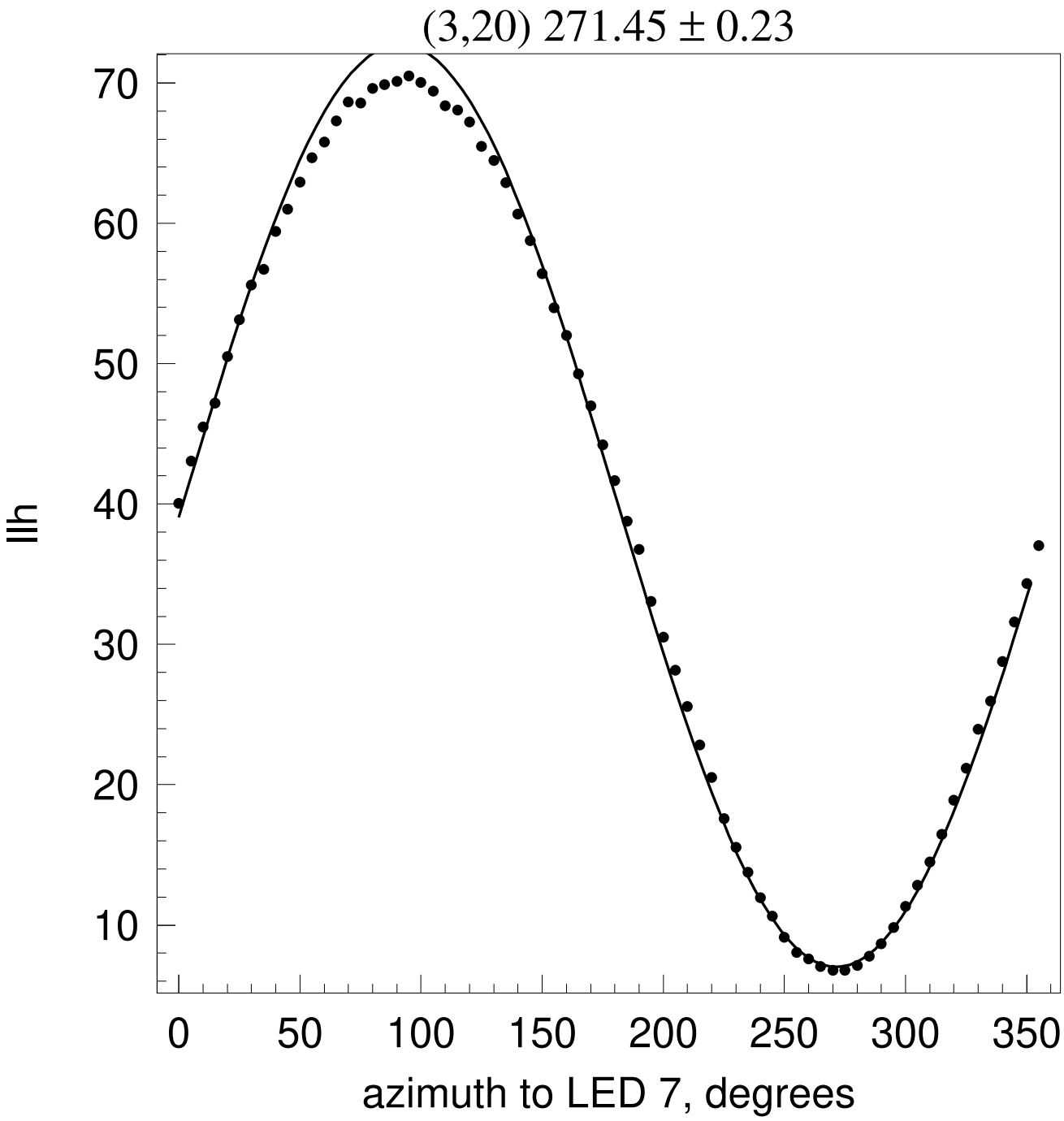

(3,15) 268.04 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

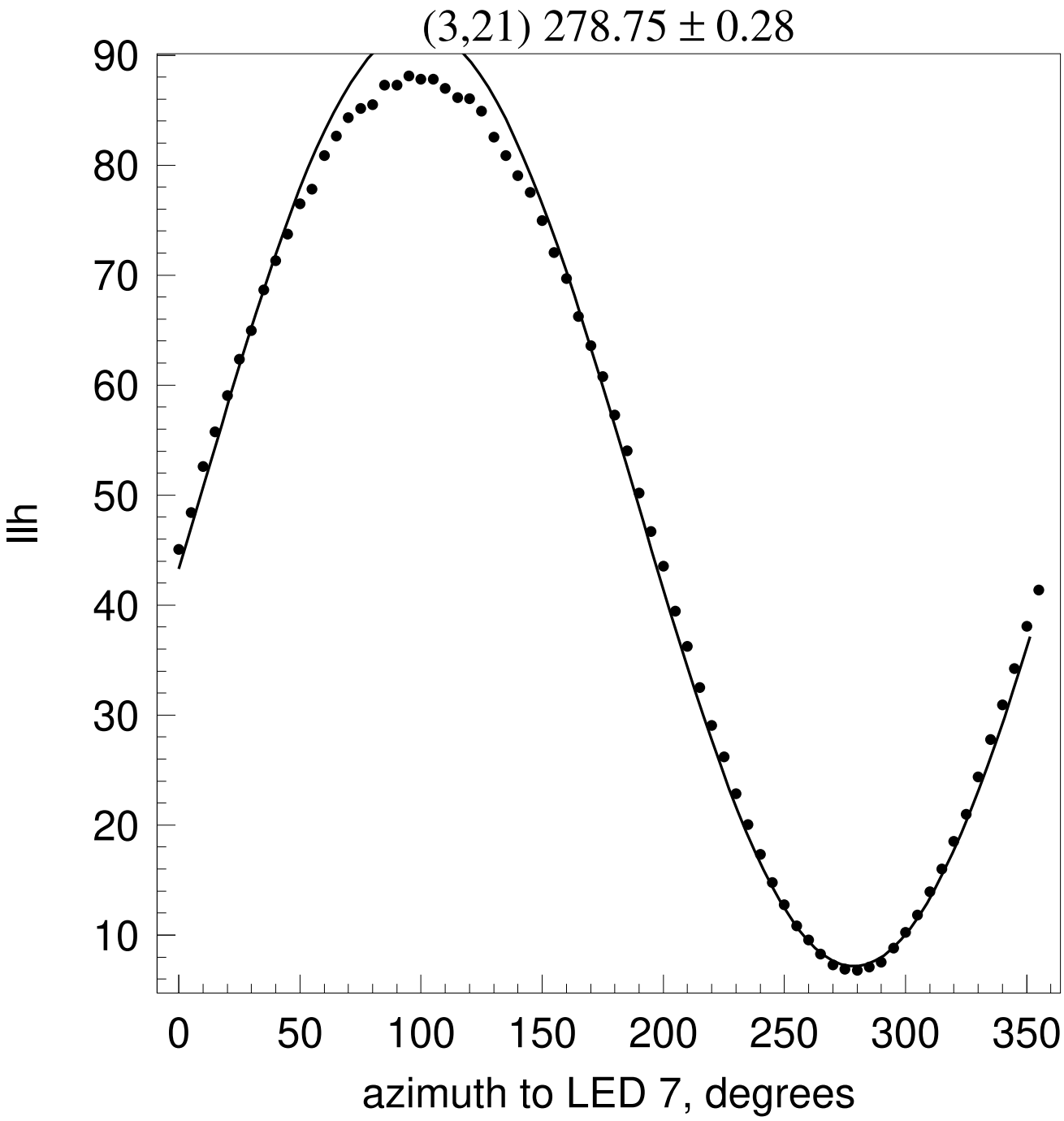

(3,16) 318.04 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

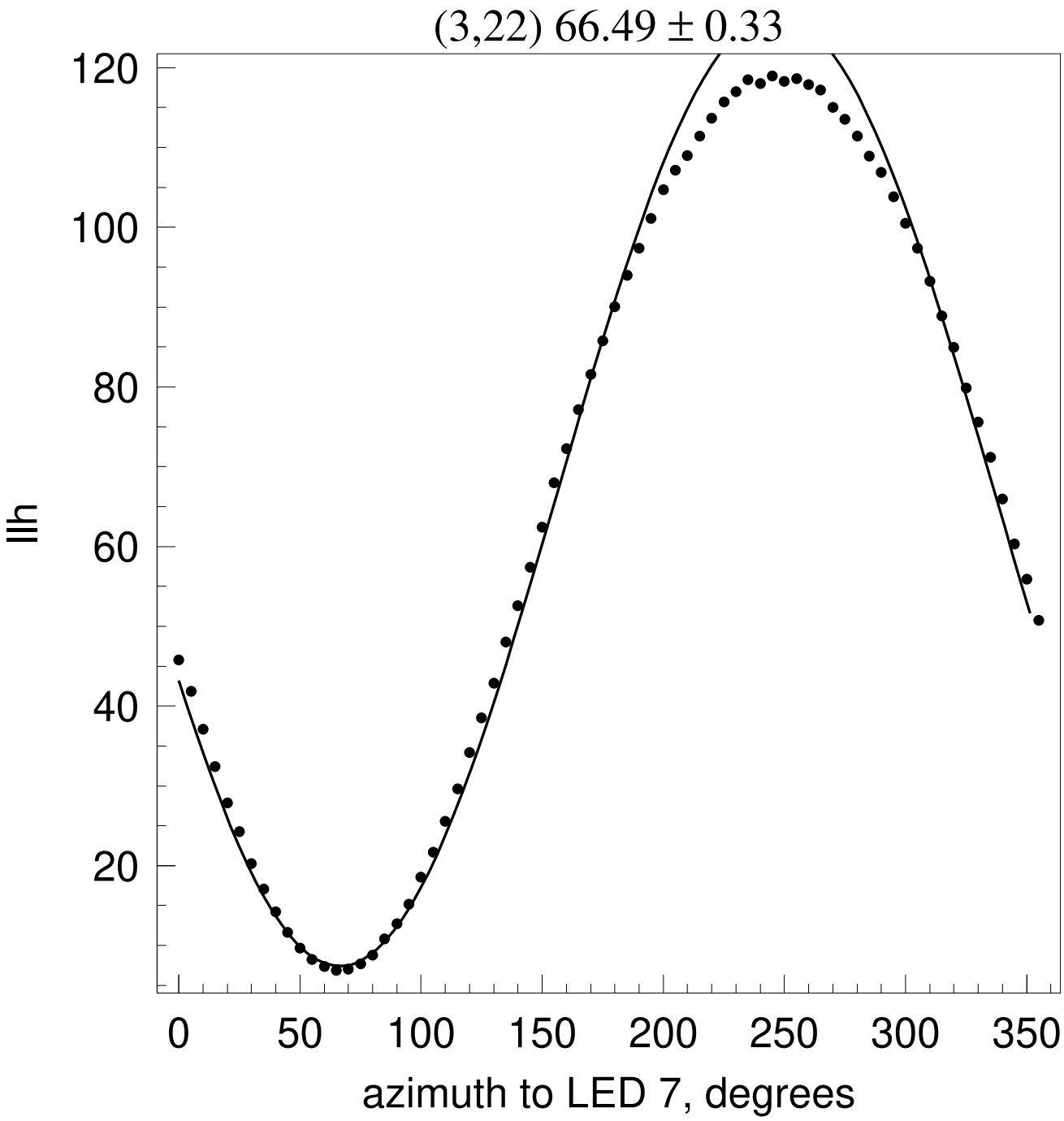

(3,17) 2.30 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

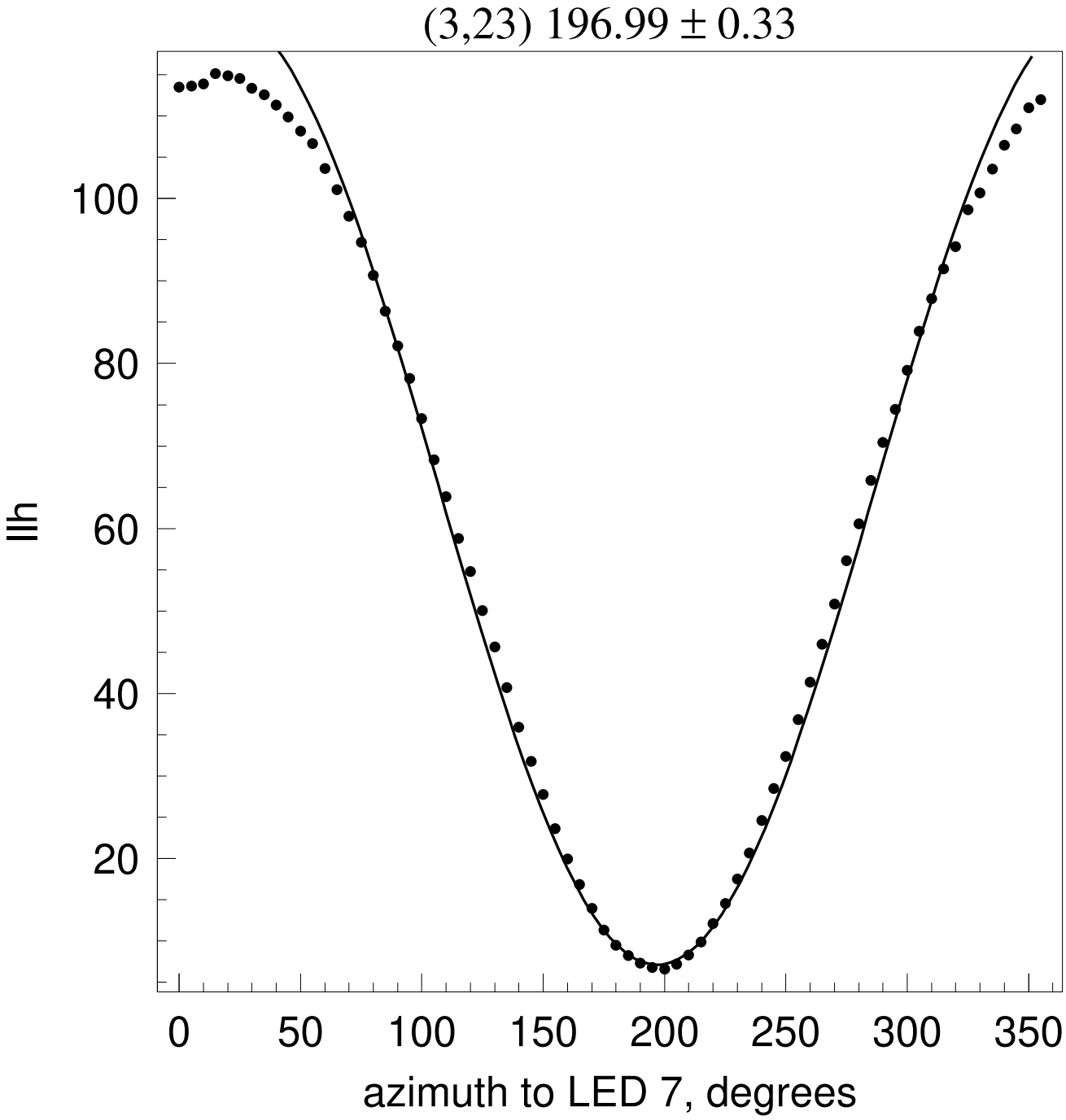

(3,18) 113.45 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

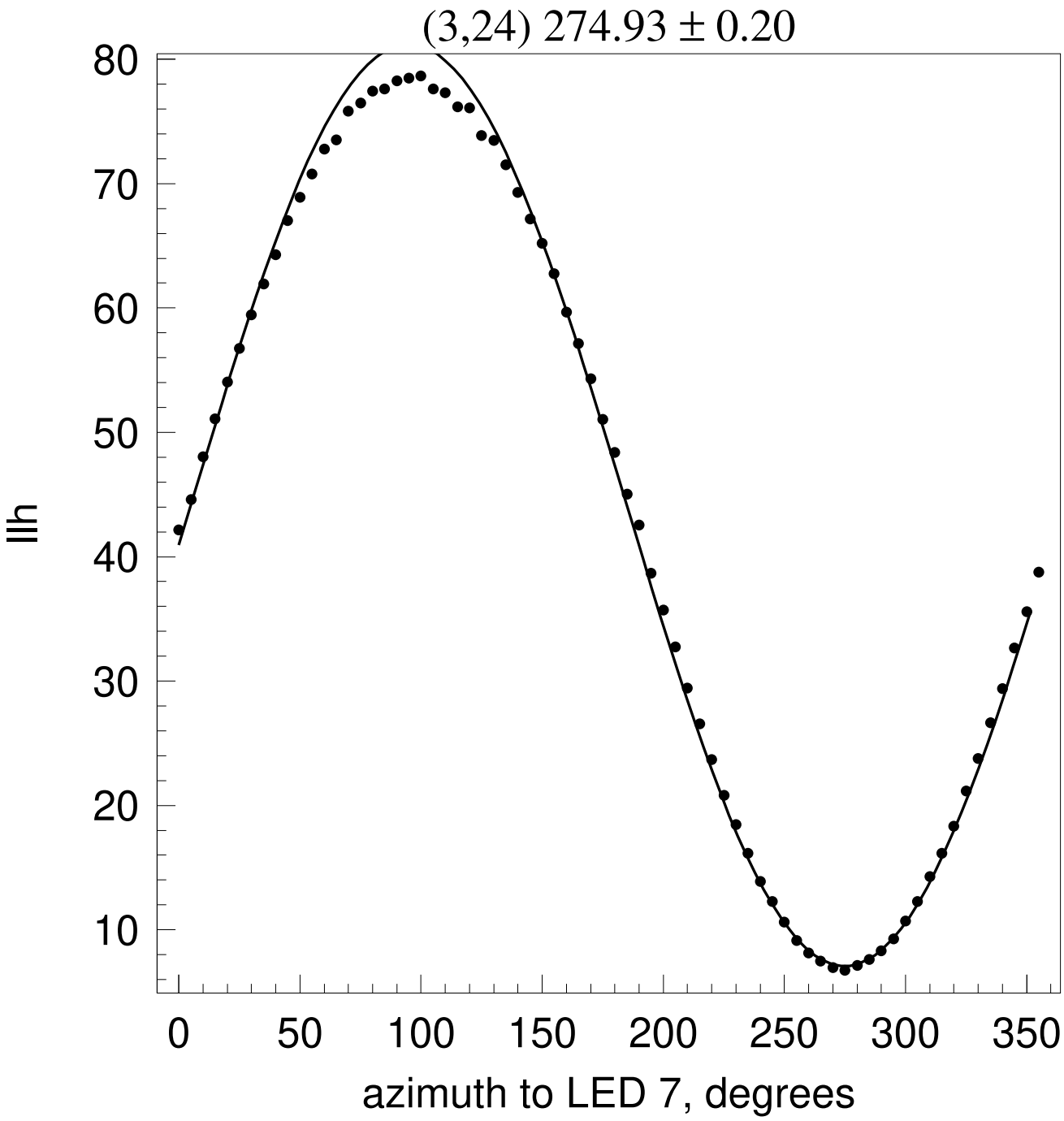

(3,19) 251.87 ± 0.16
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

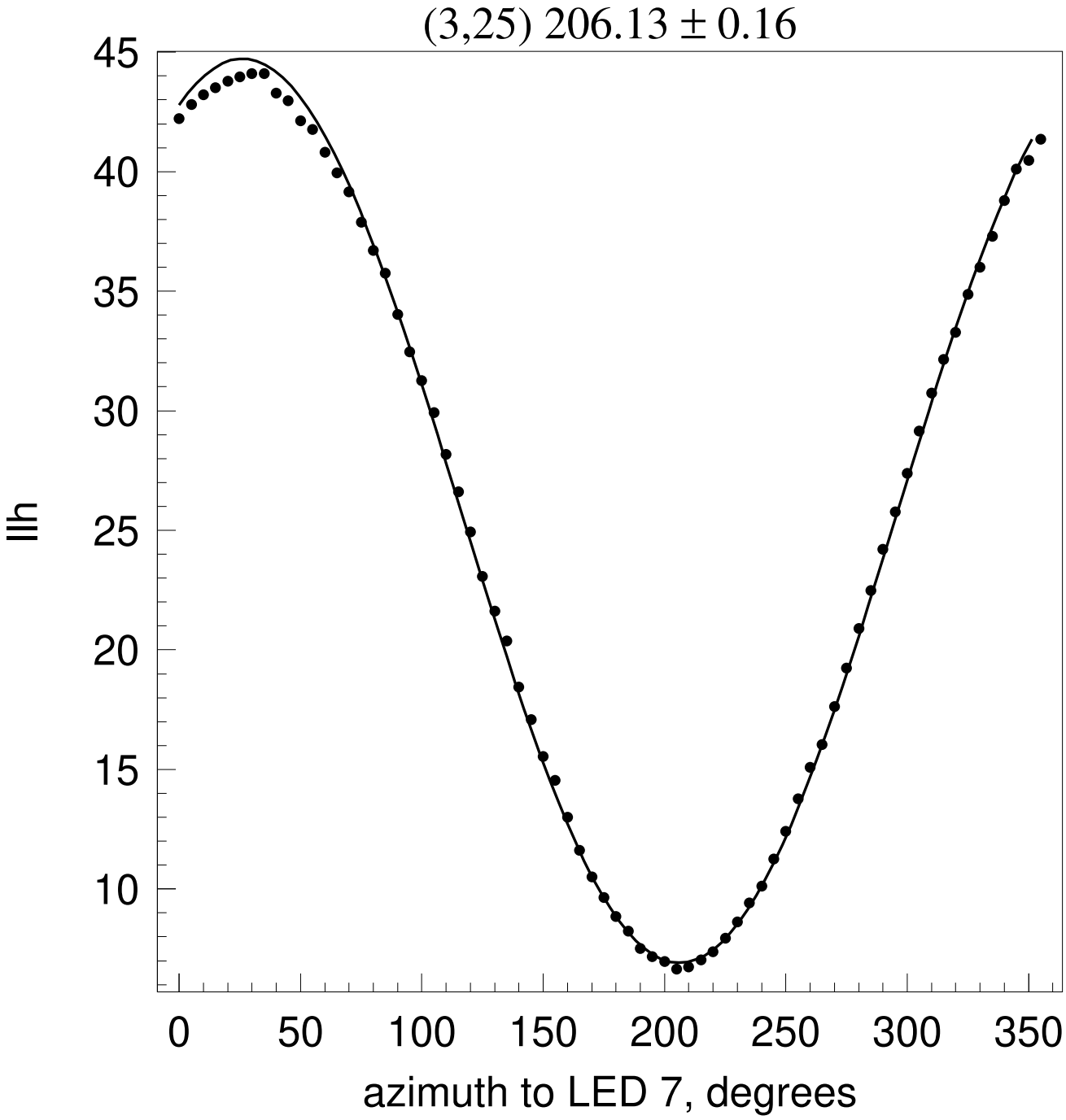

(3,20) 271.45 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

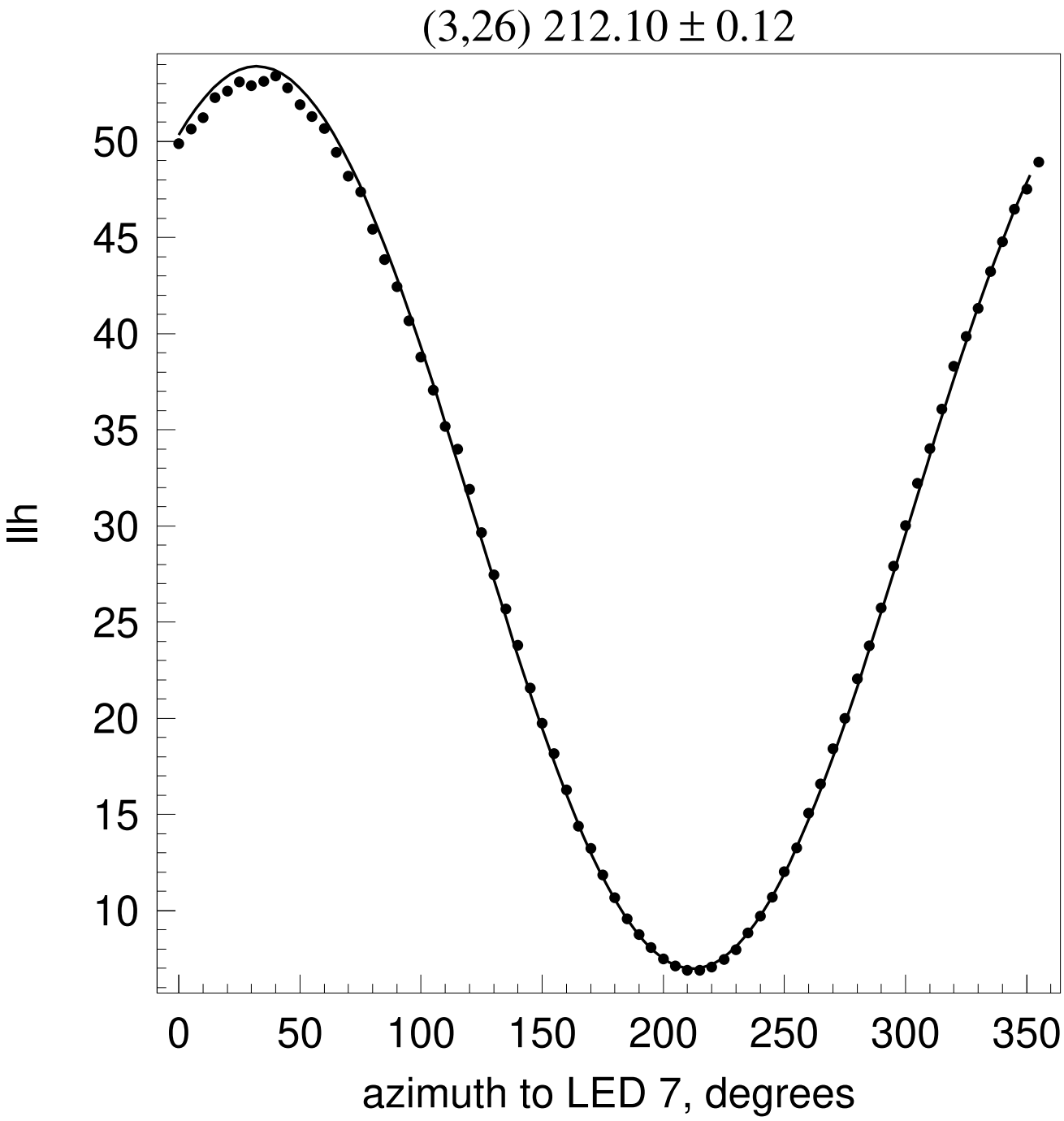

(3,21) 278.75 ± 0.28
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

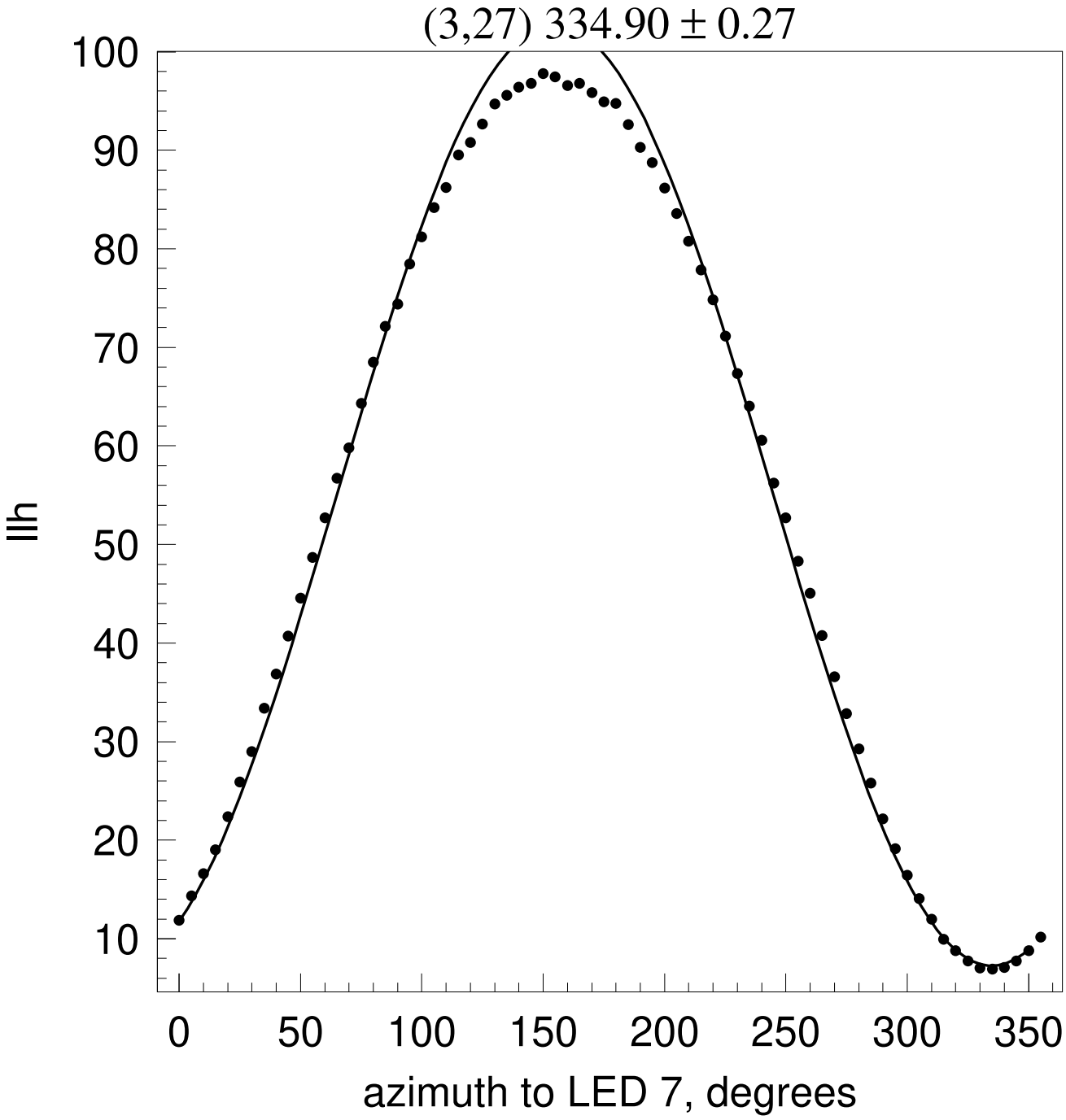

(3,22) 66.49 ± 0.33
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

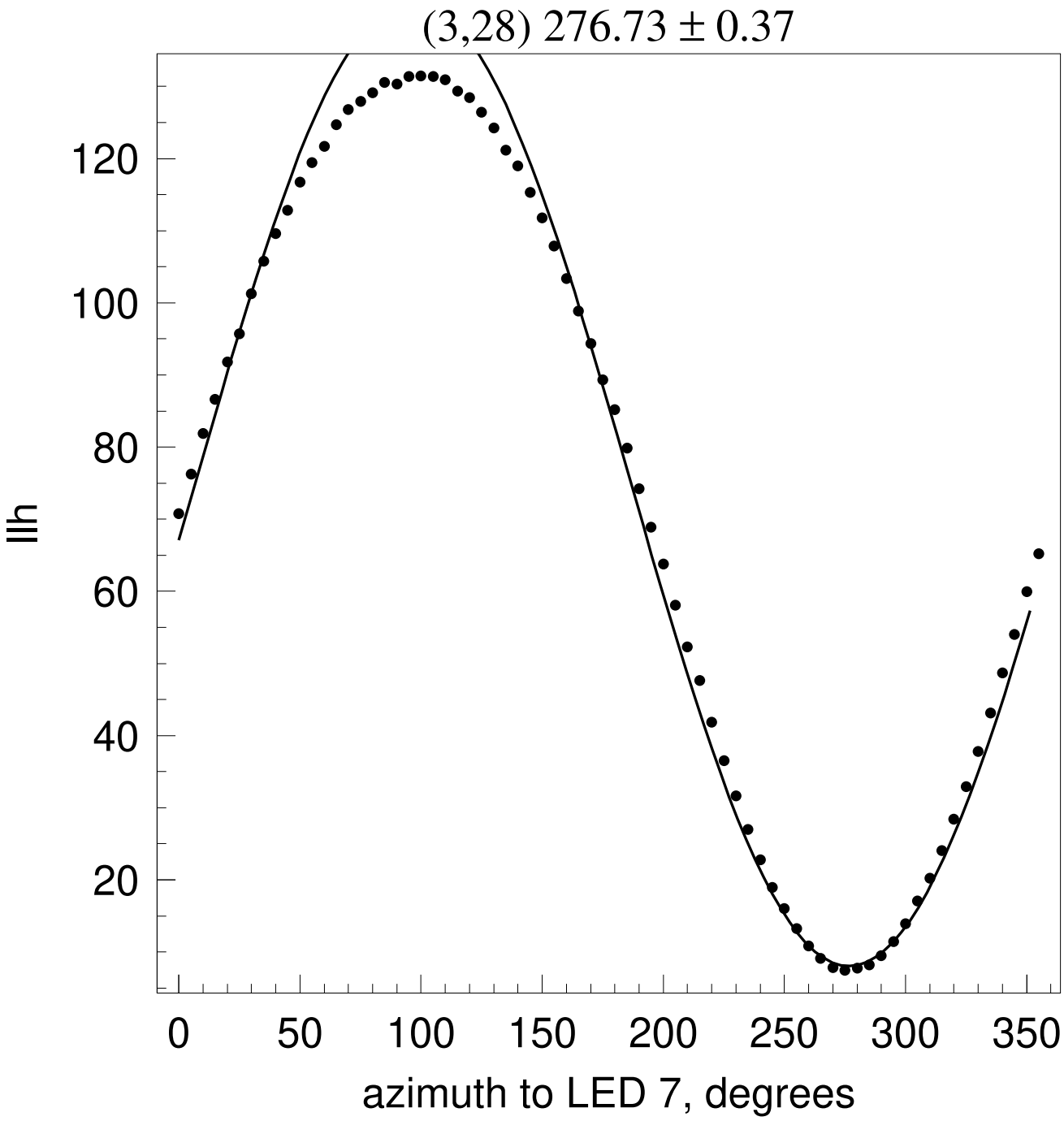

(3,23) 196.99 ± 0.33
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

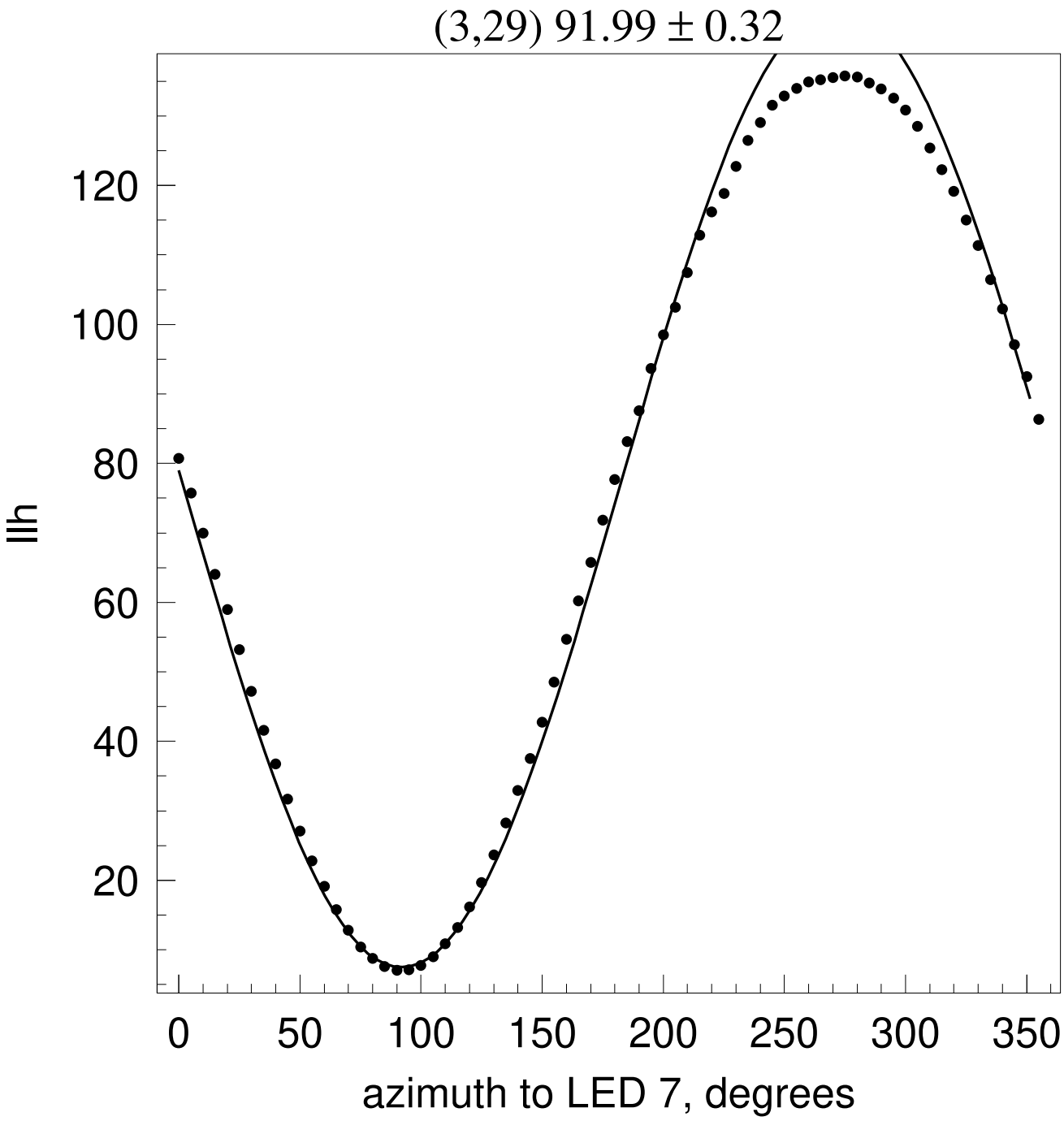

(3,24) 274.93 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

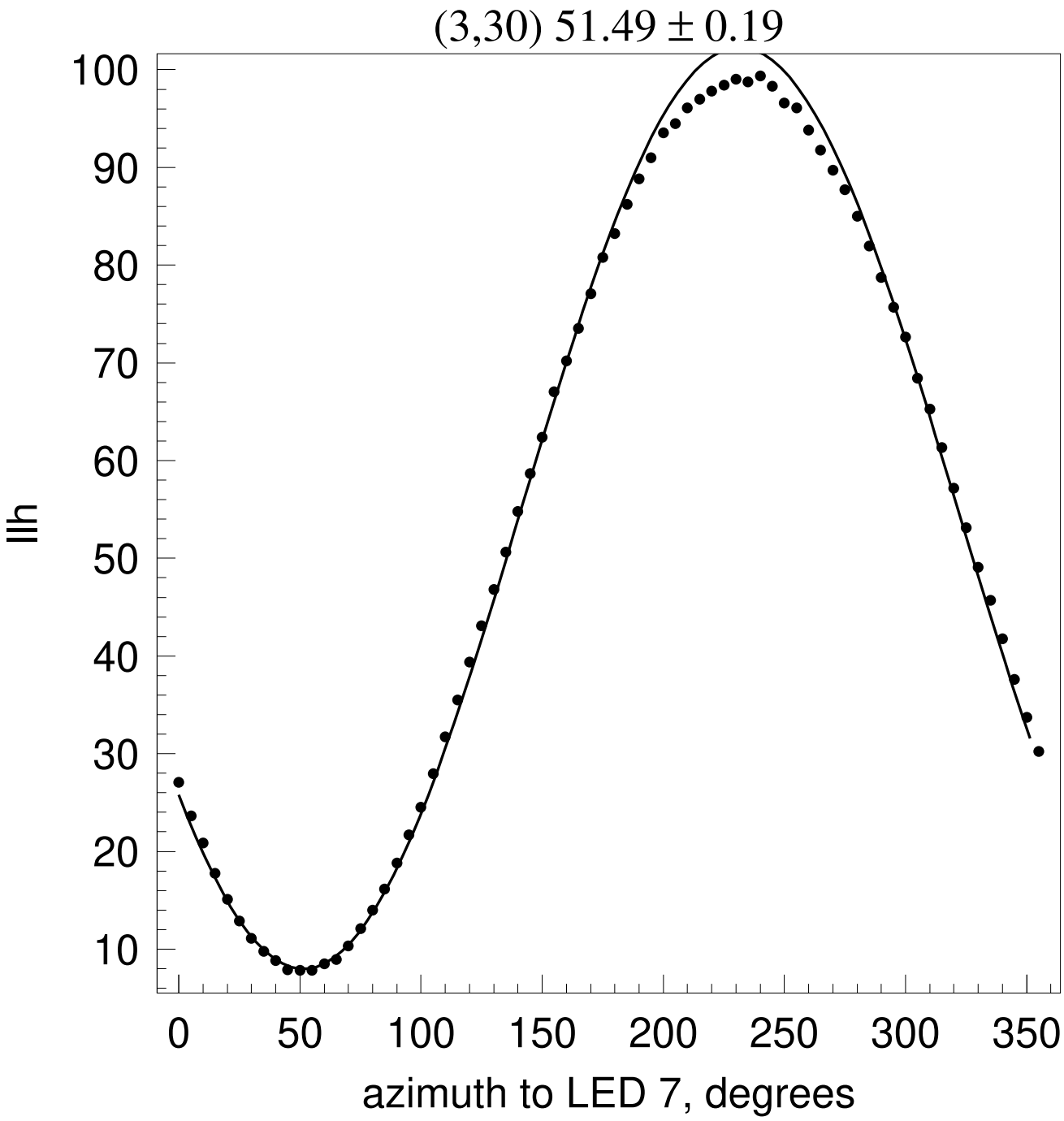

(3,25) 206.13 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

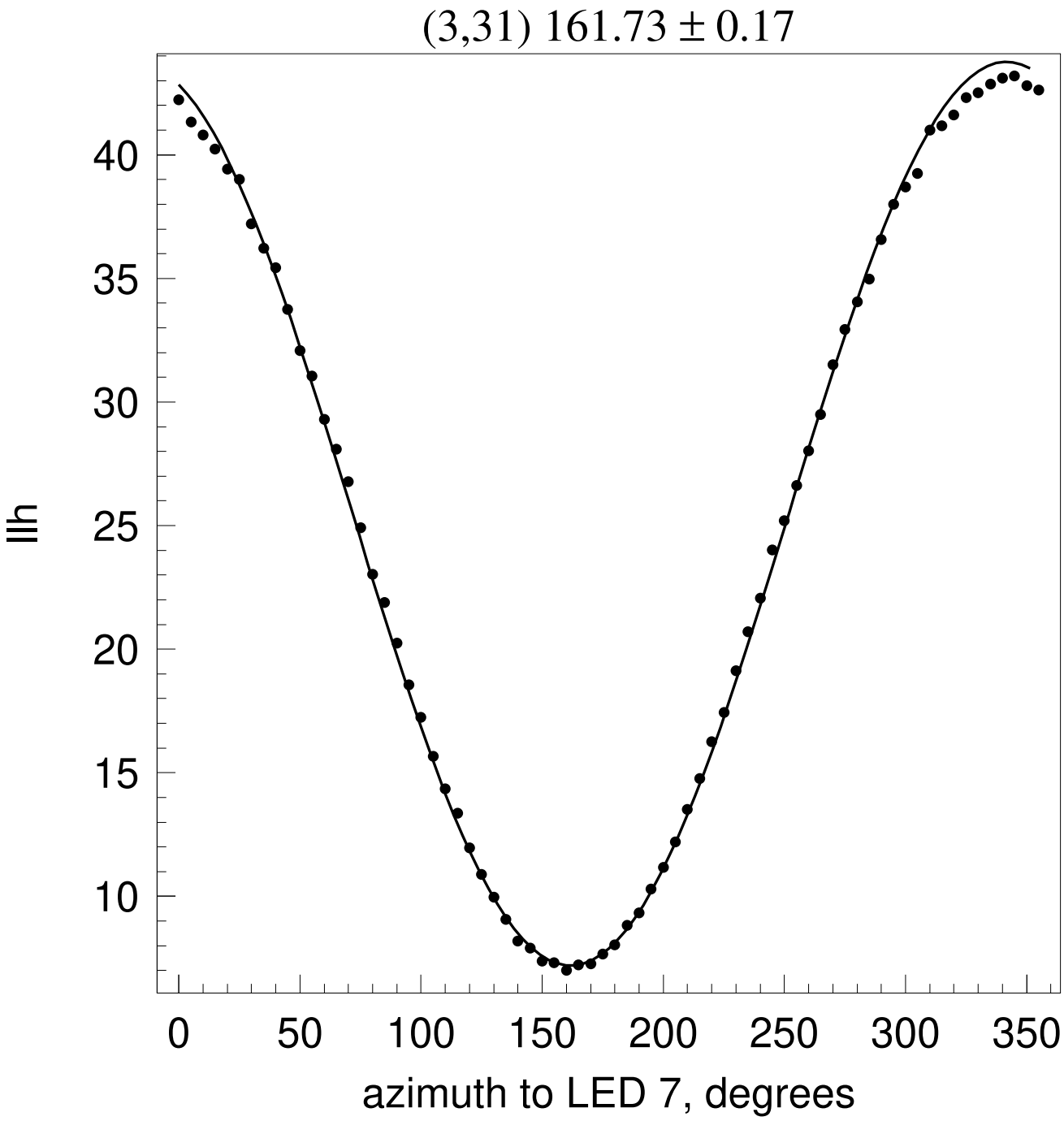

(3,26) 212.10 ± 0.12
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

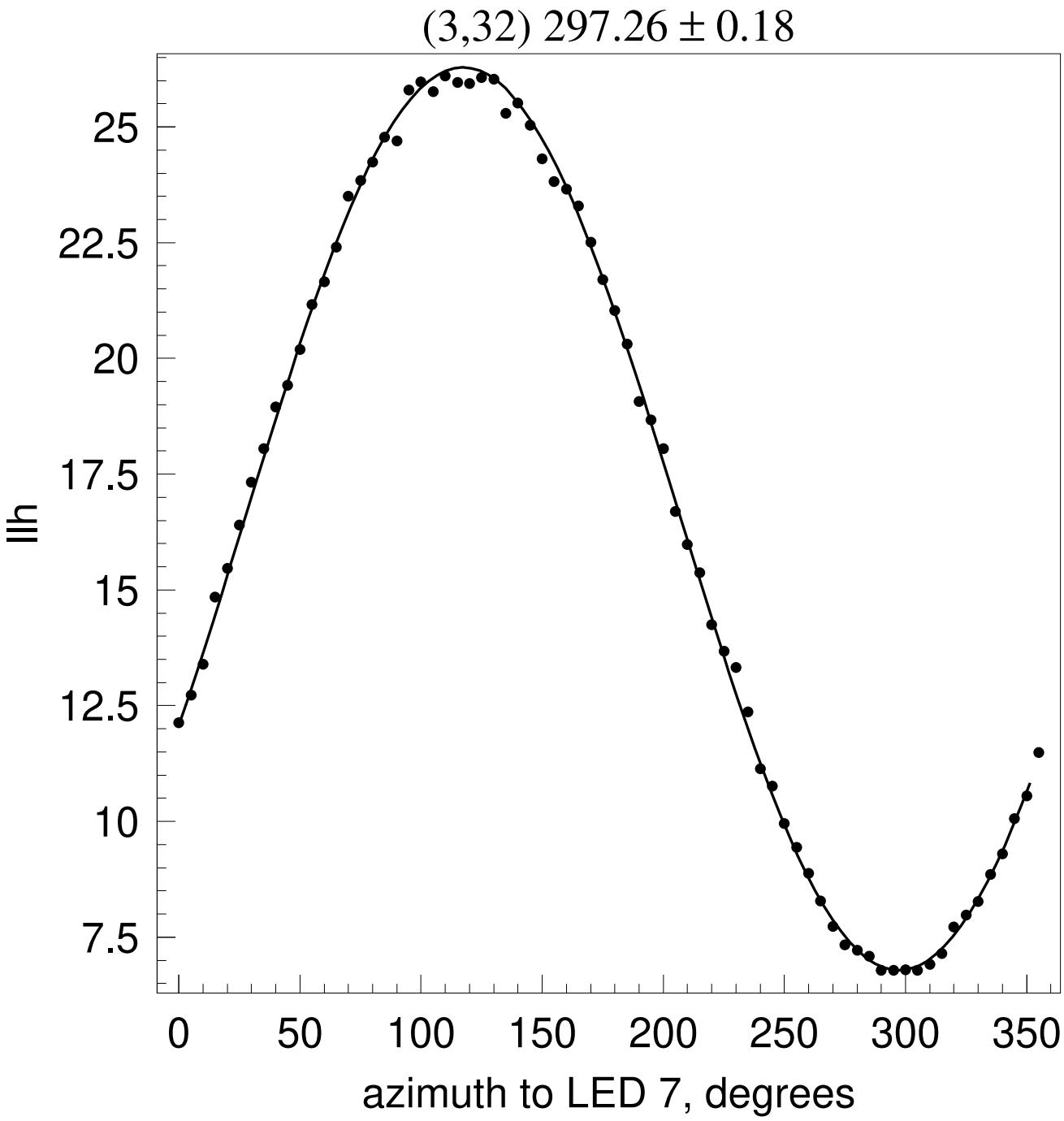

(3,27) 334.90 ± 0.27
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

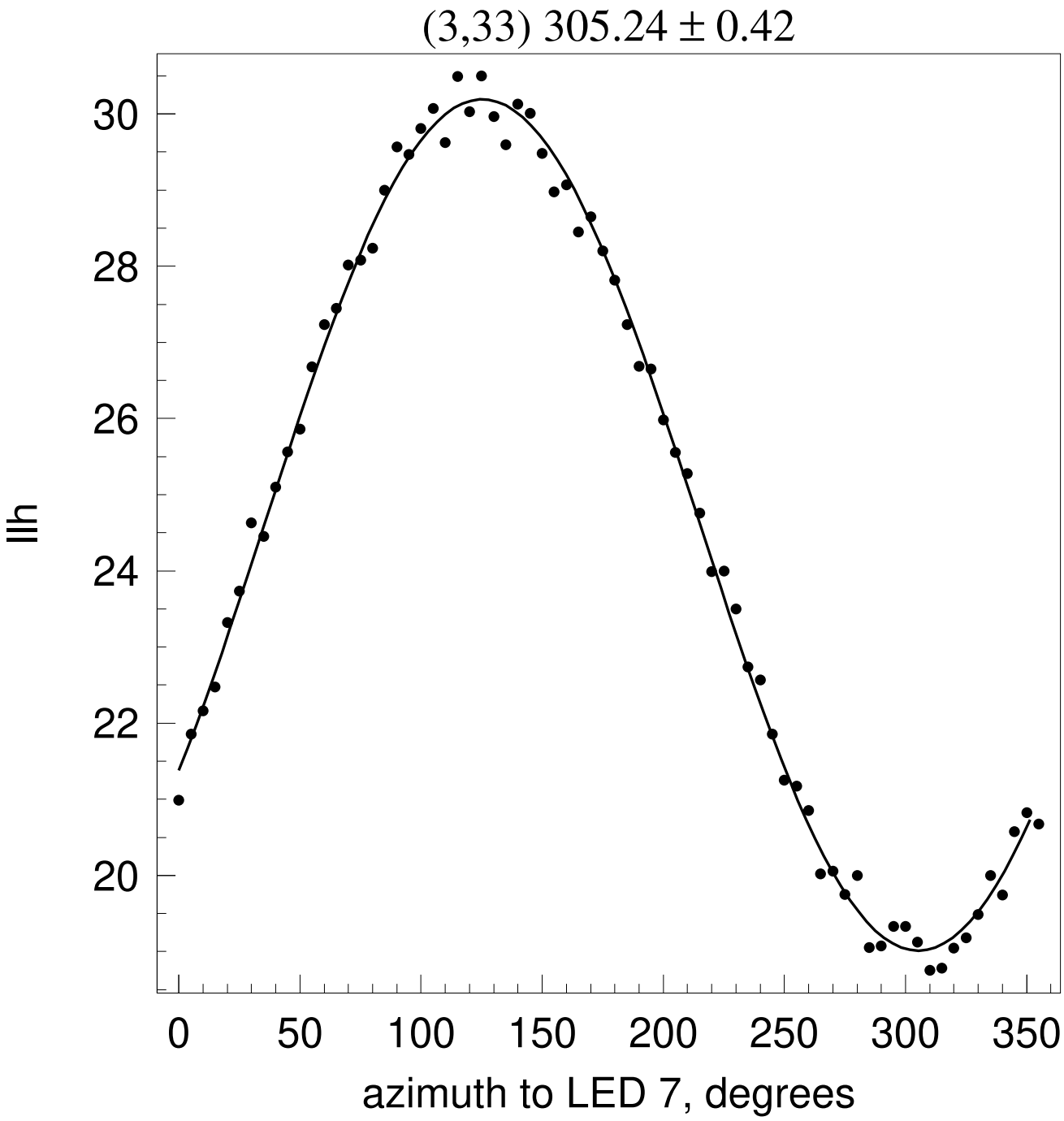

(3,28) 276.73 ± 0.37
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

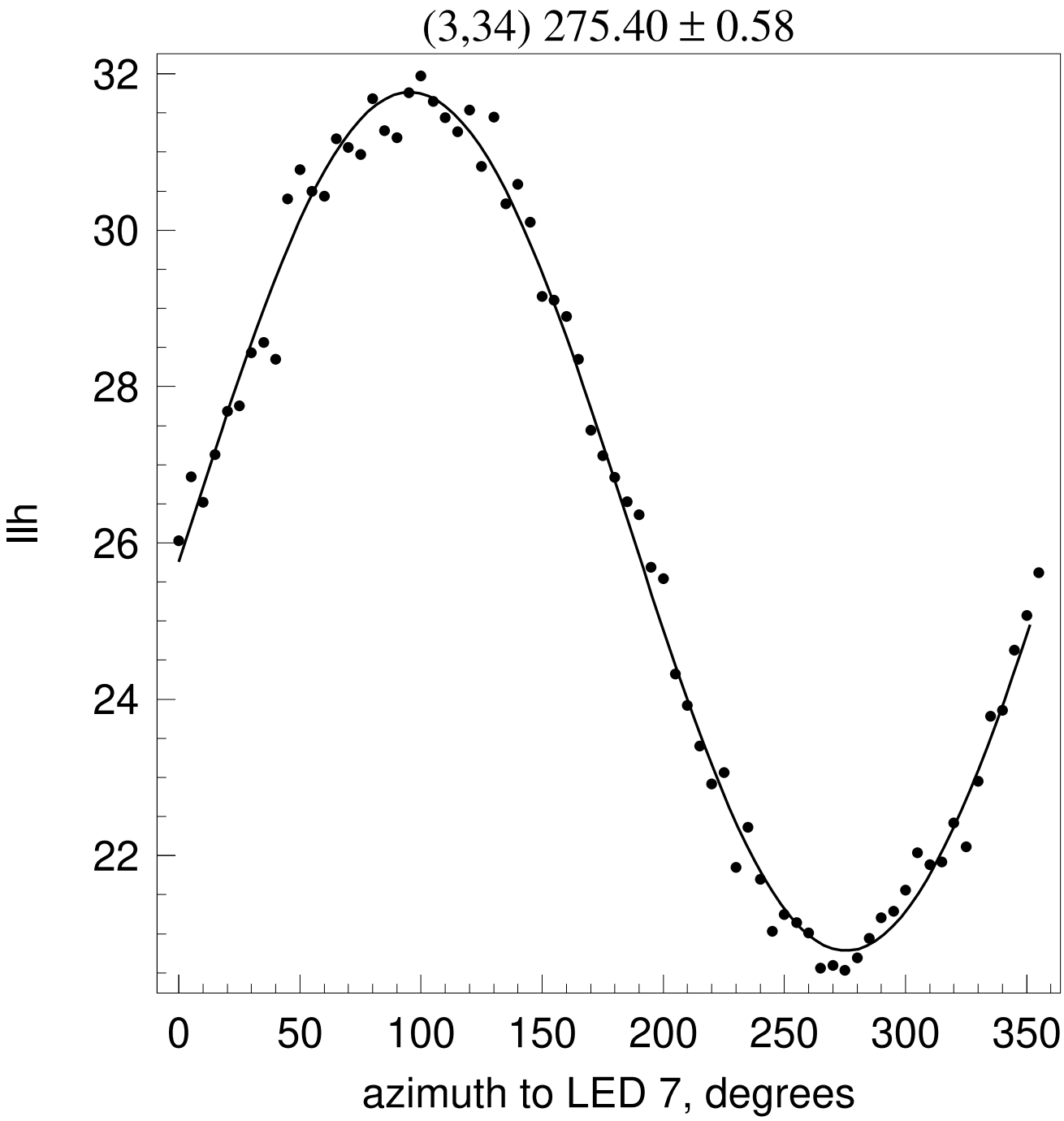

(3,29) 91.99 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

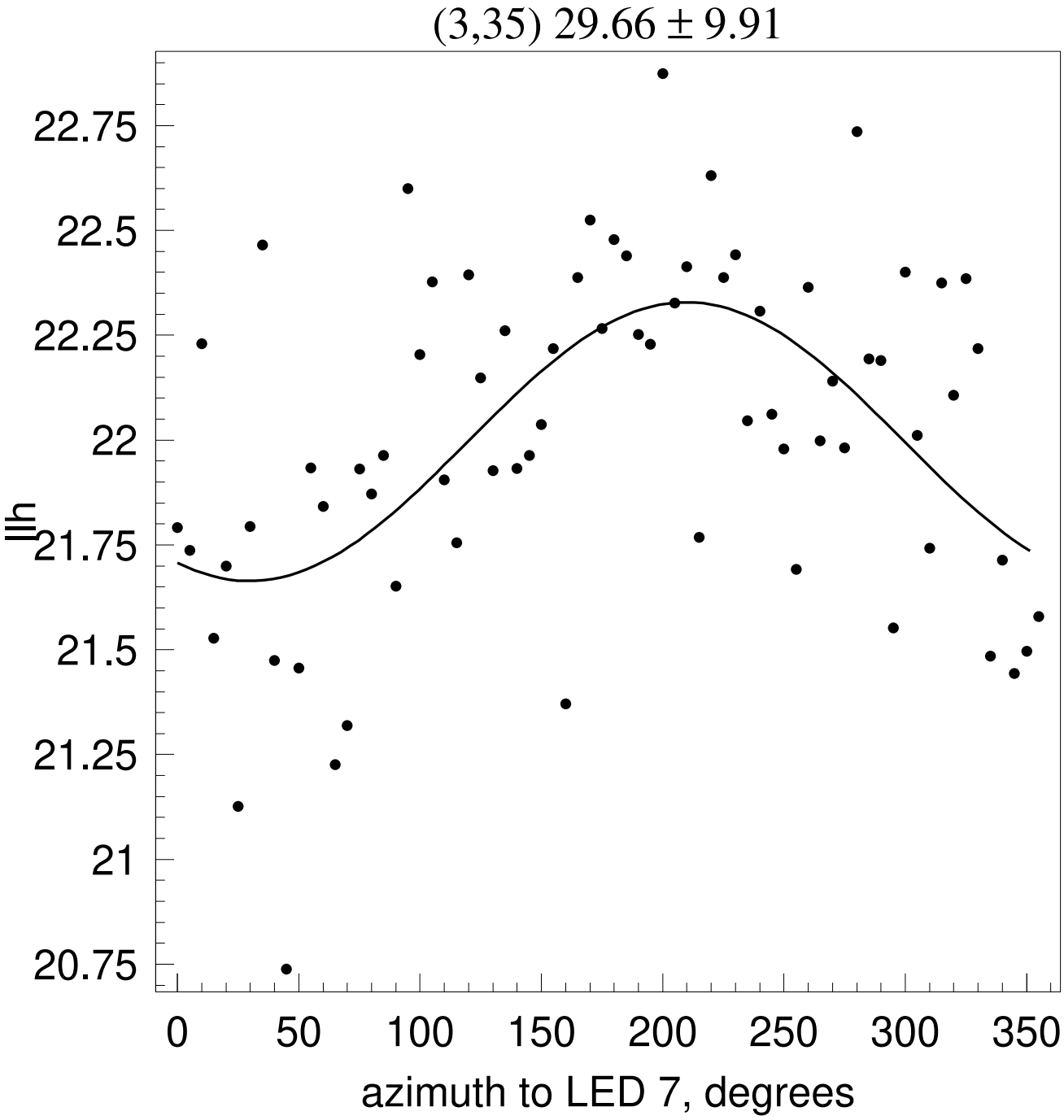

(3,30) 51.49 ± 0.19
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

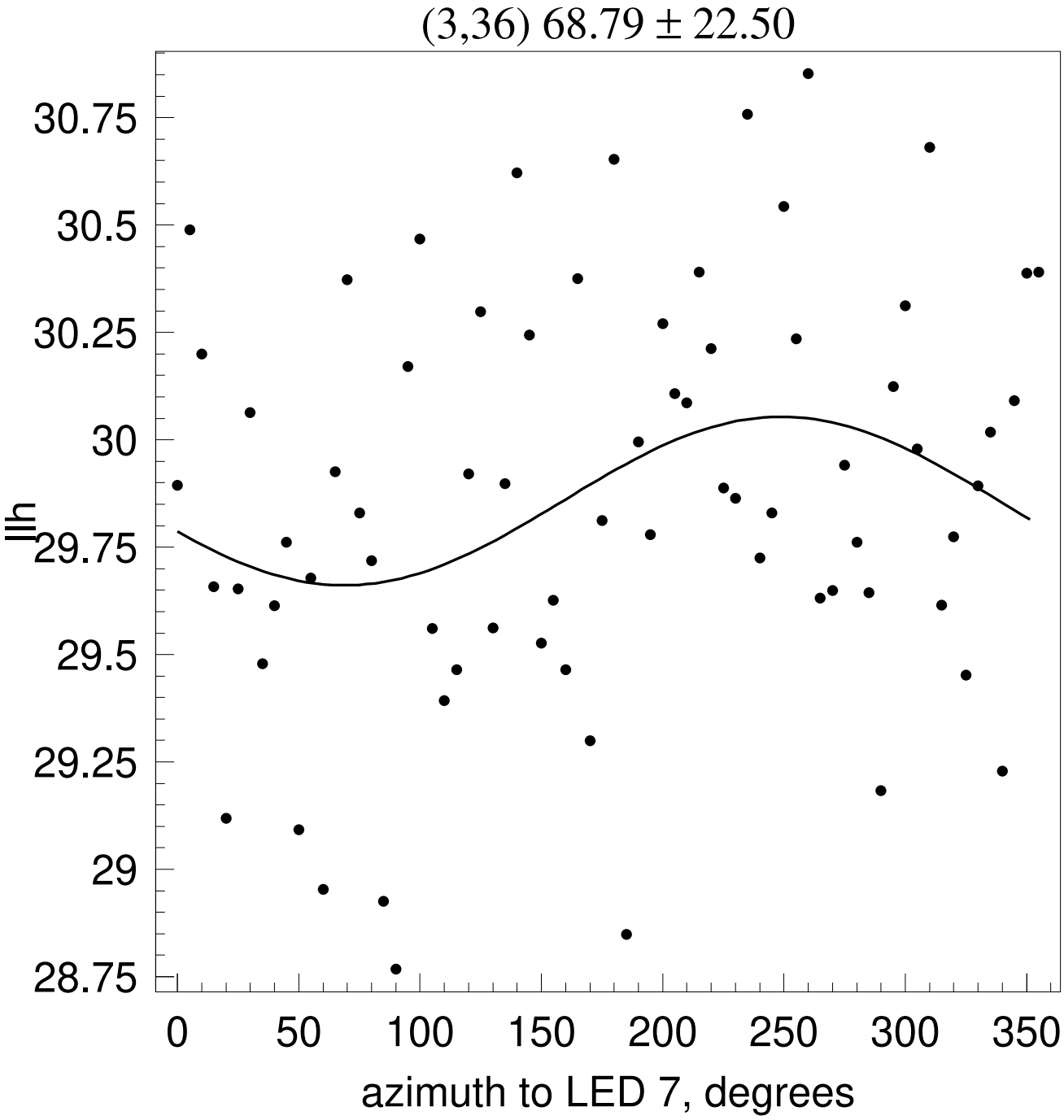

(3,31) 161.73 ± 0.17
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

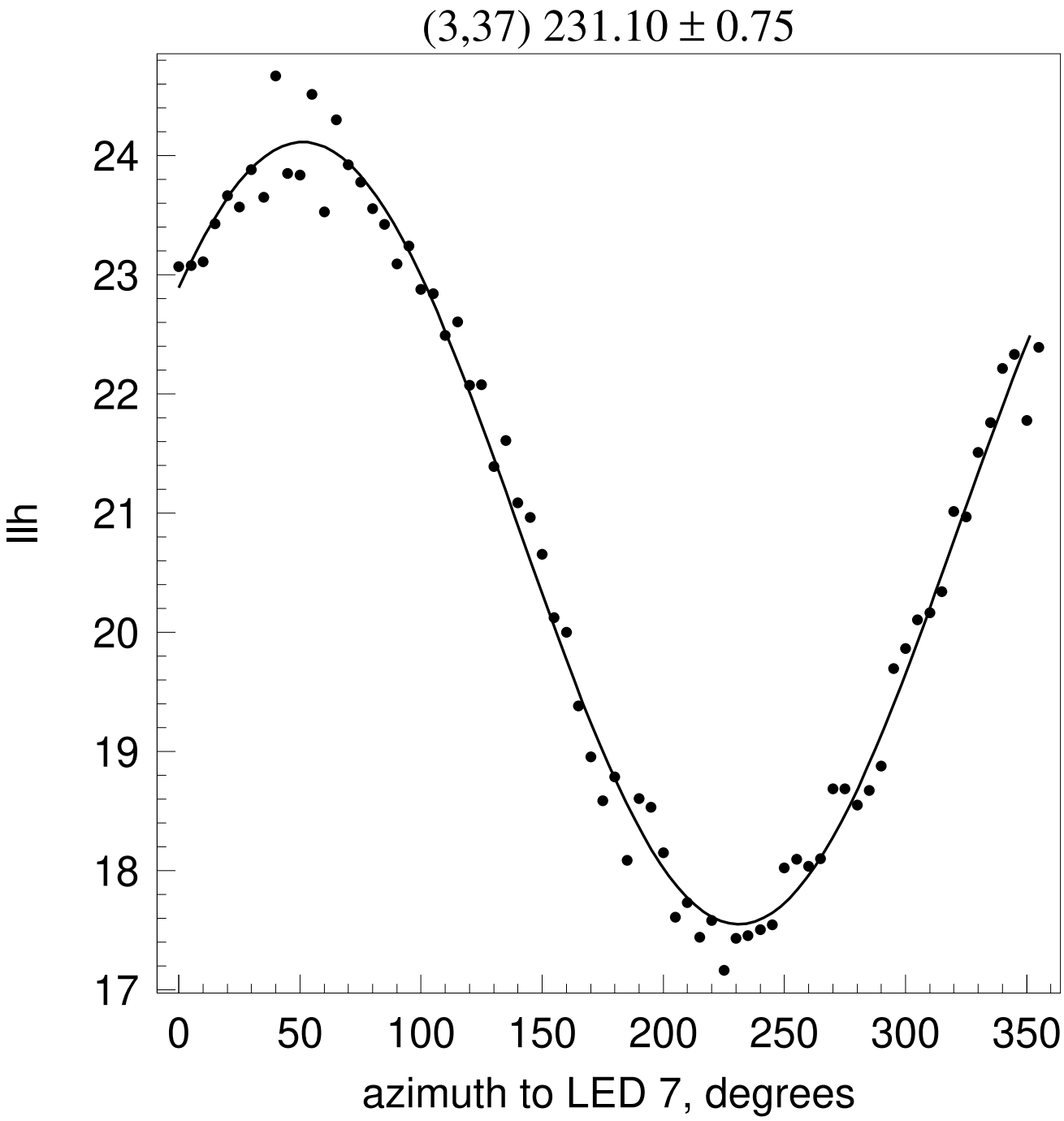

(3,32) 297.26 ± 0.18
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

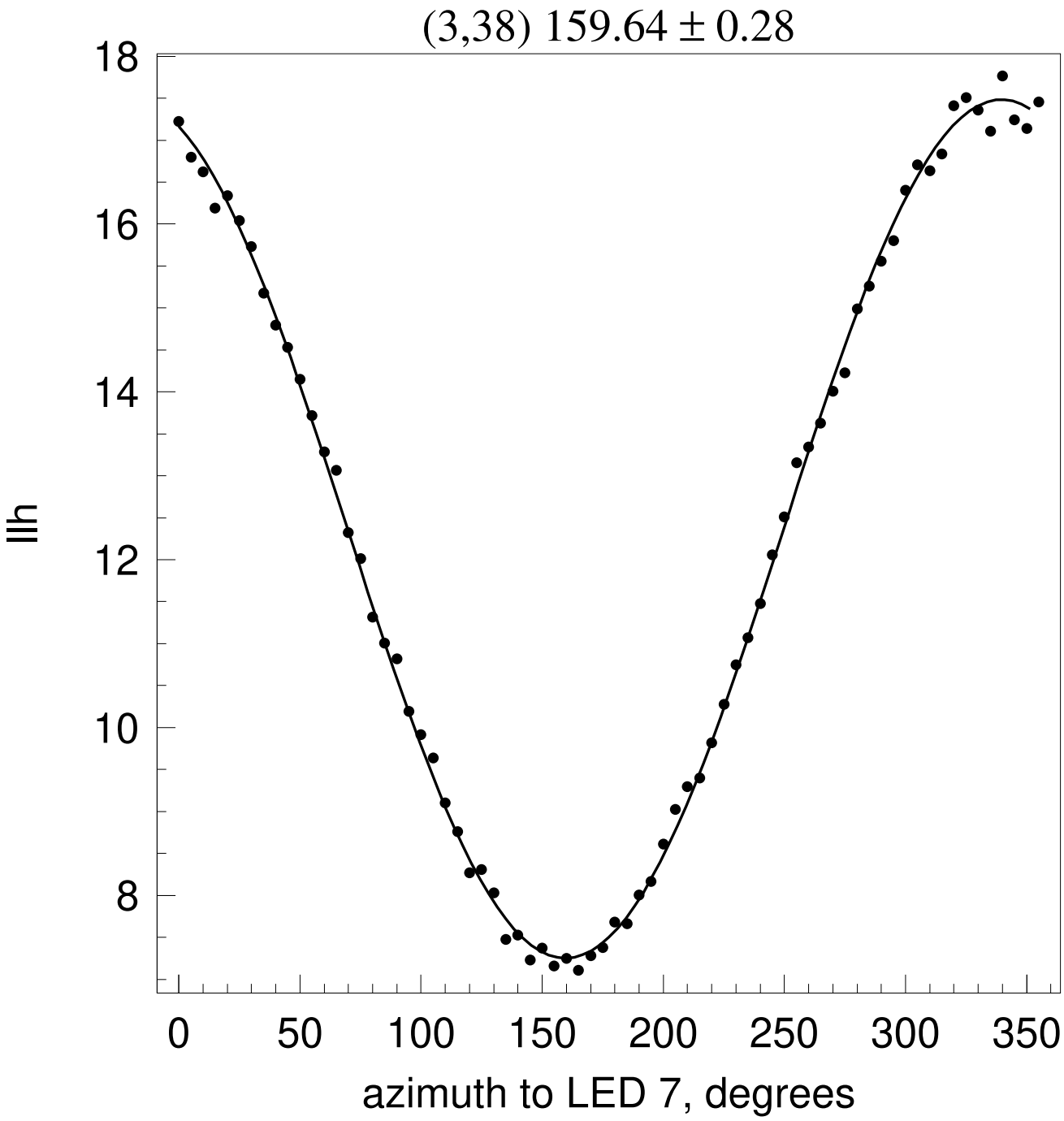

(3,33) 305.24 ± 0.42
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

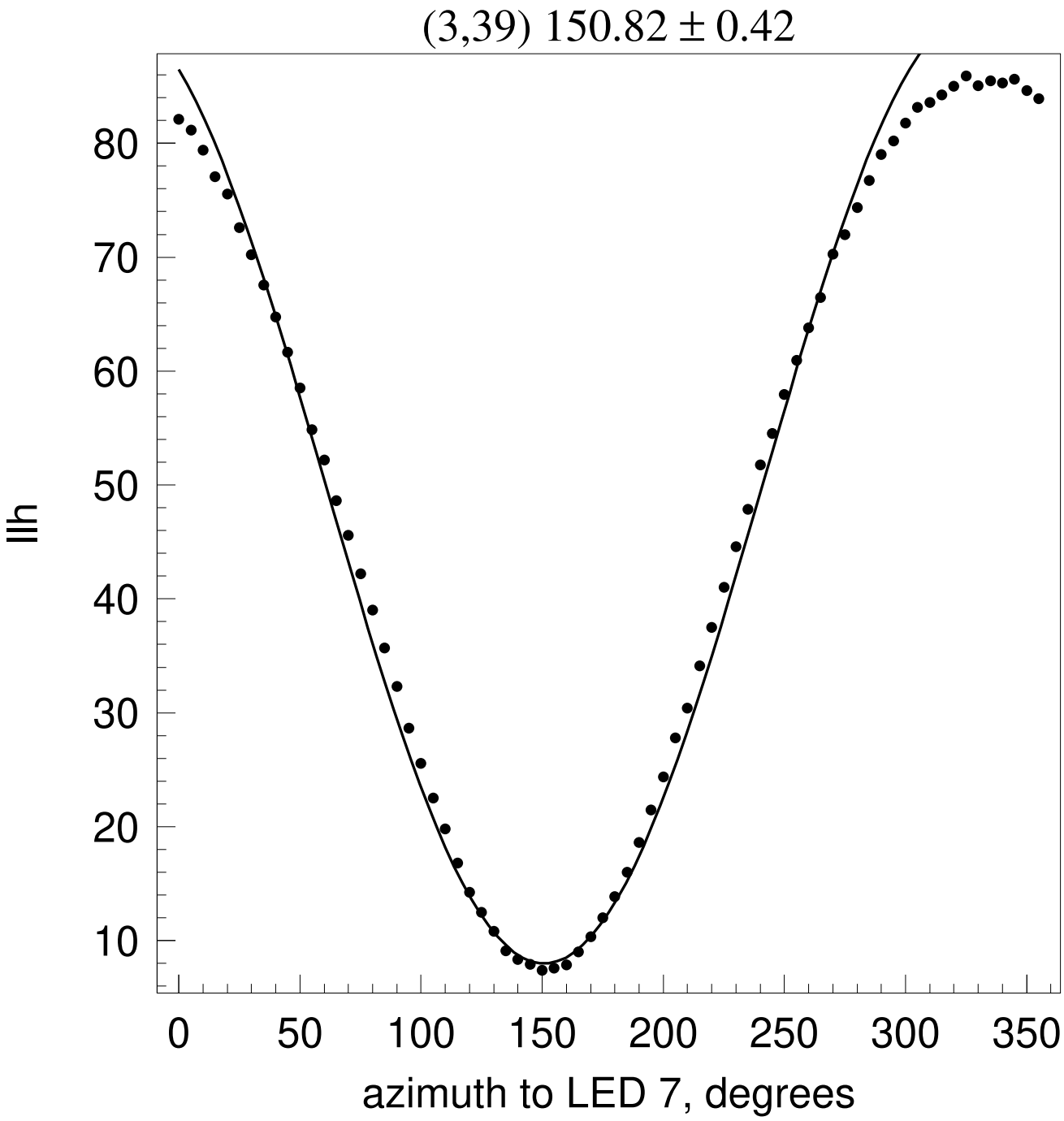

(3,34) 275.40 ± 0.58
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

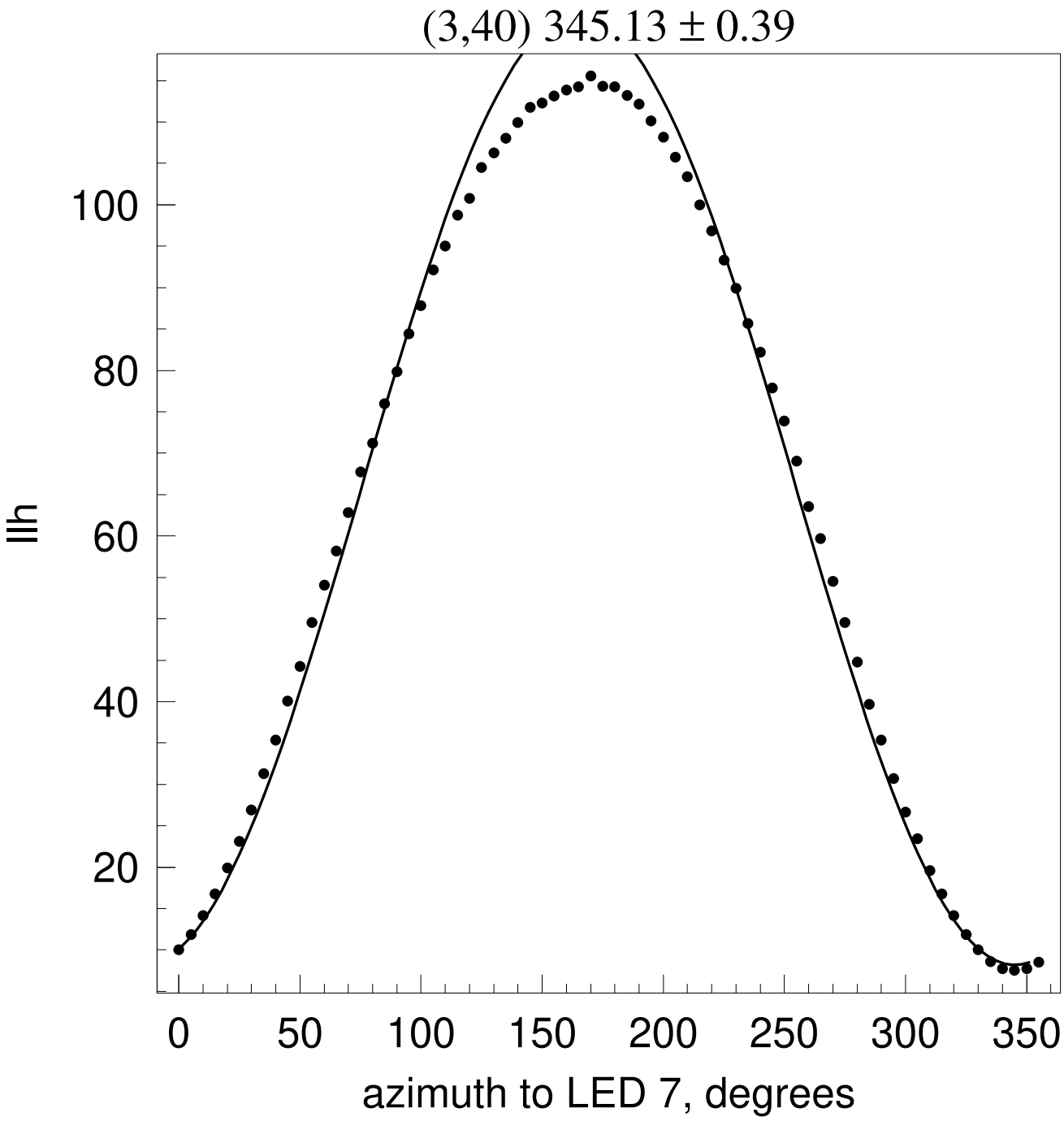

(3,35) 29.66 ± 9.91
22.75
22.5
22.25
22
21.75
21.5
21.25
21
20.75
μ
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

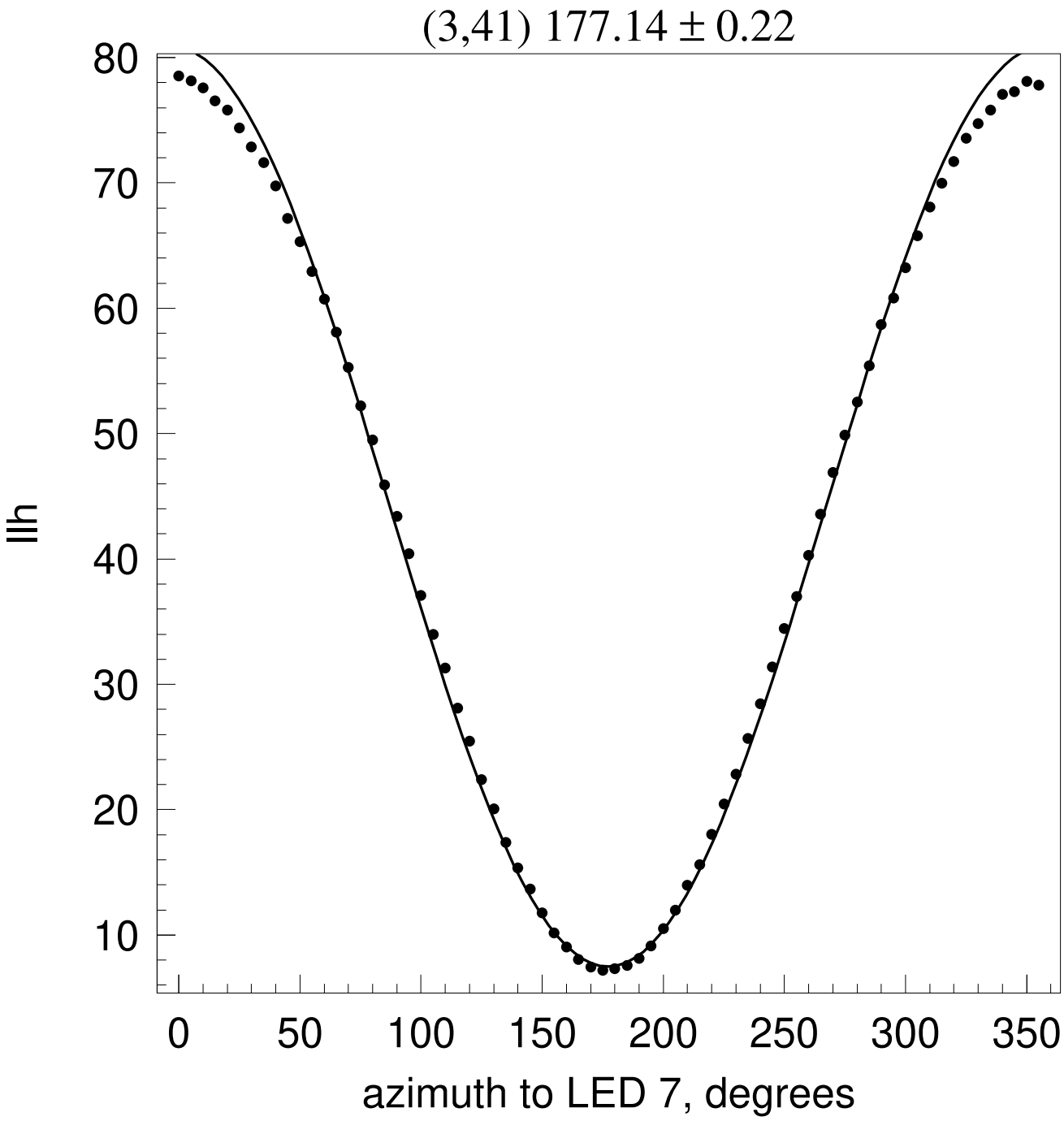

(3,36) 68.79 ± 22.50
30.75
30.5
30.25
30
29.75
29.5
29.25
29
28.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

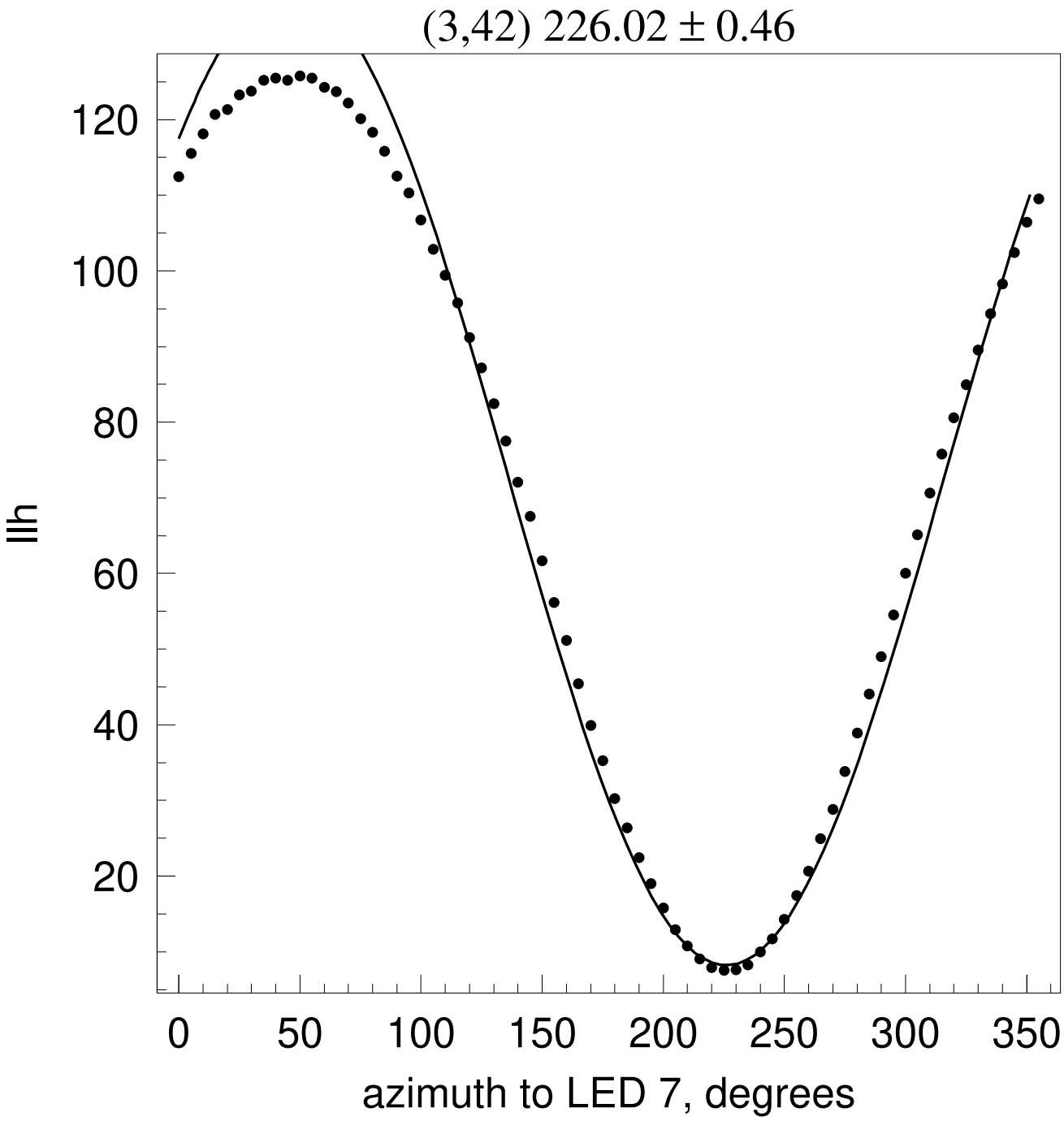

(3,37) 231.10 ± 0.75
24
23
22
21
20
19
18
17
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

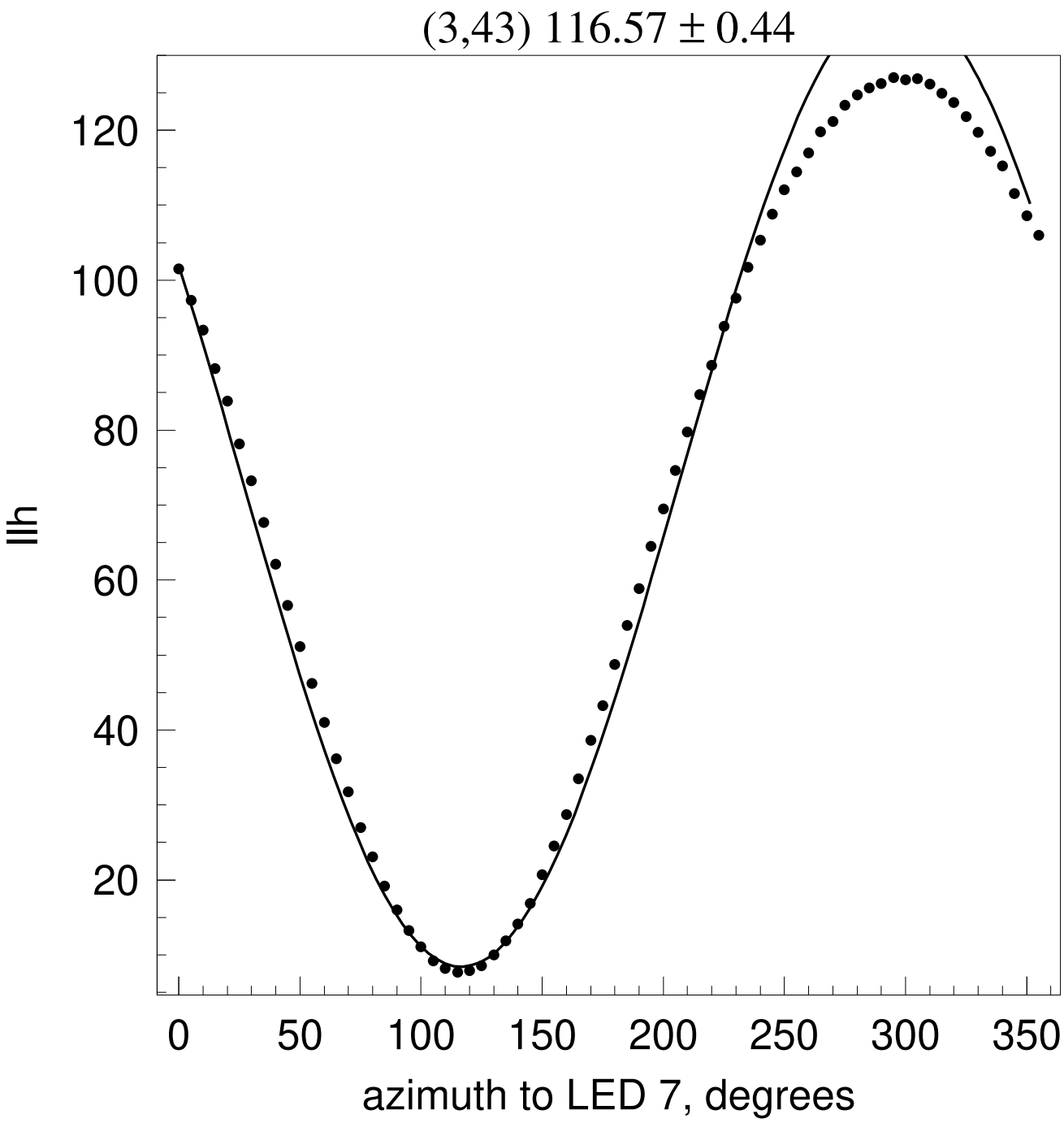

(3,38) 159.64 ± 0.28
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

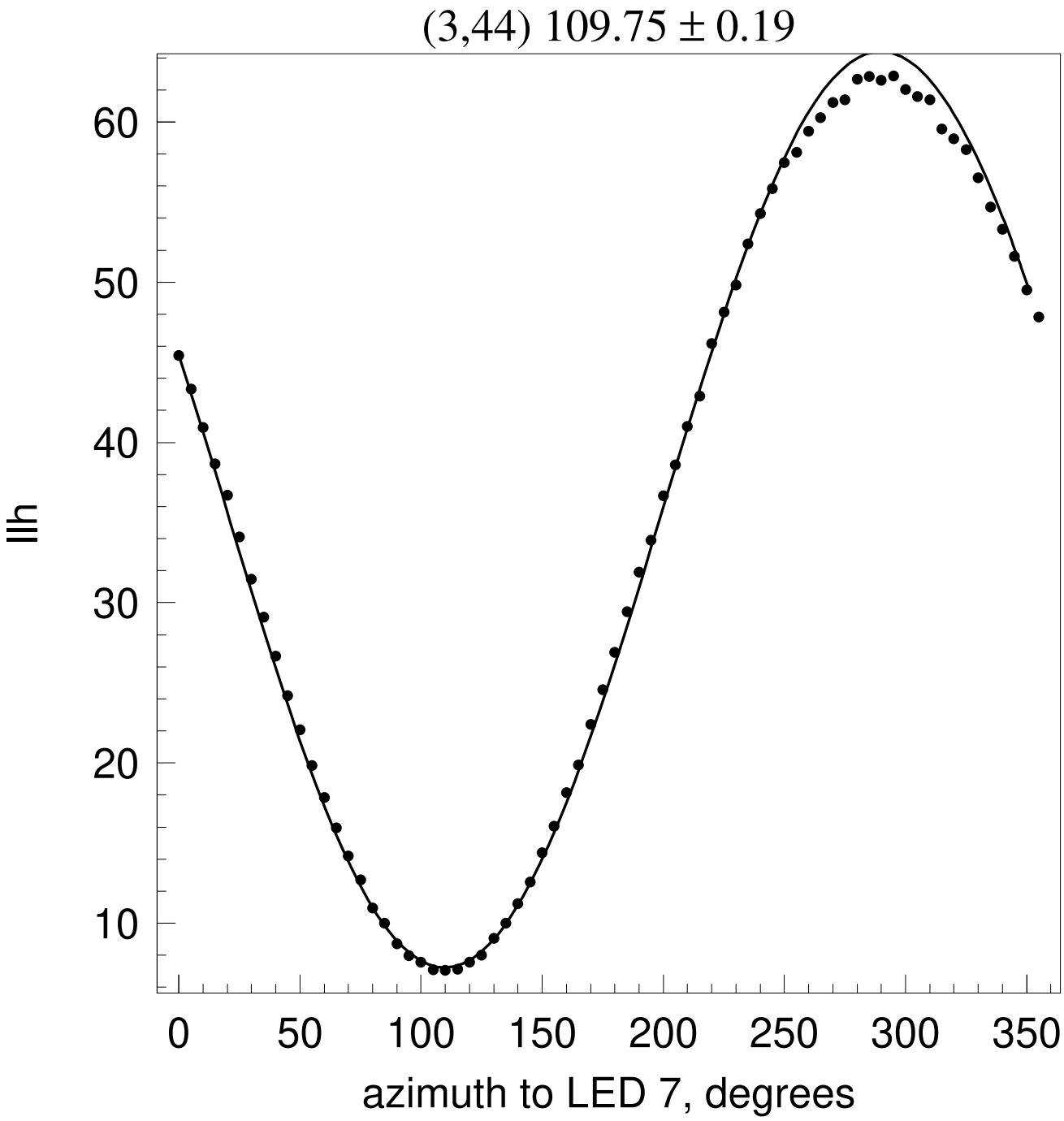

(3,39) 150.82 ± 0.42
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

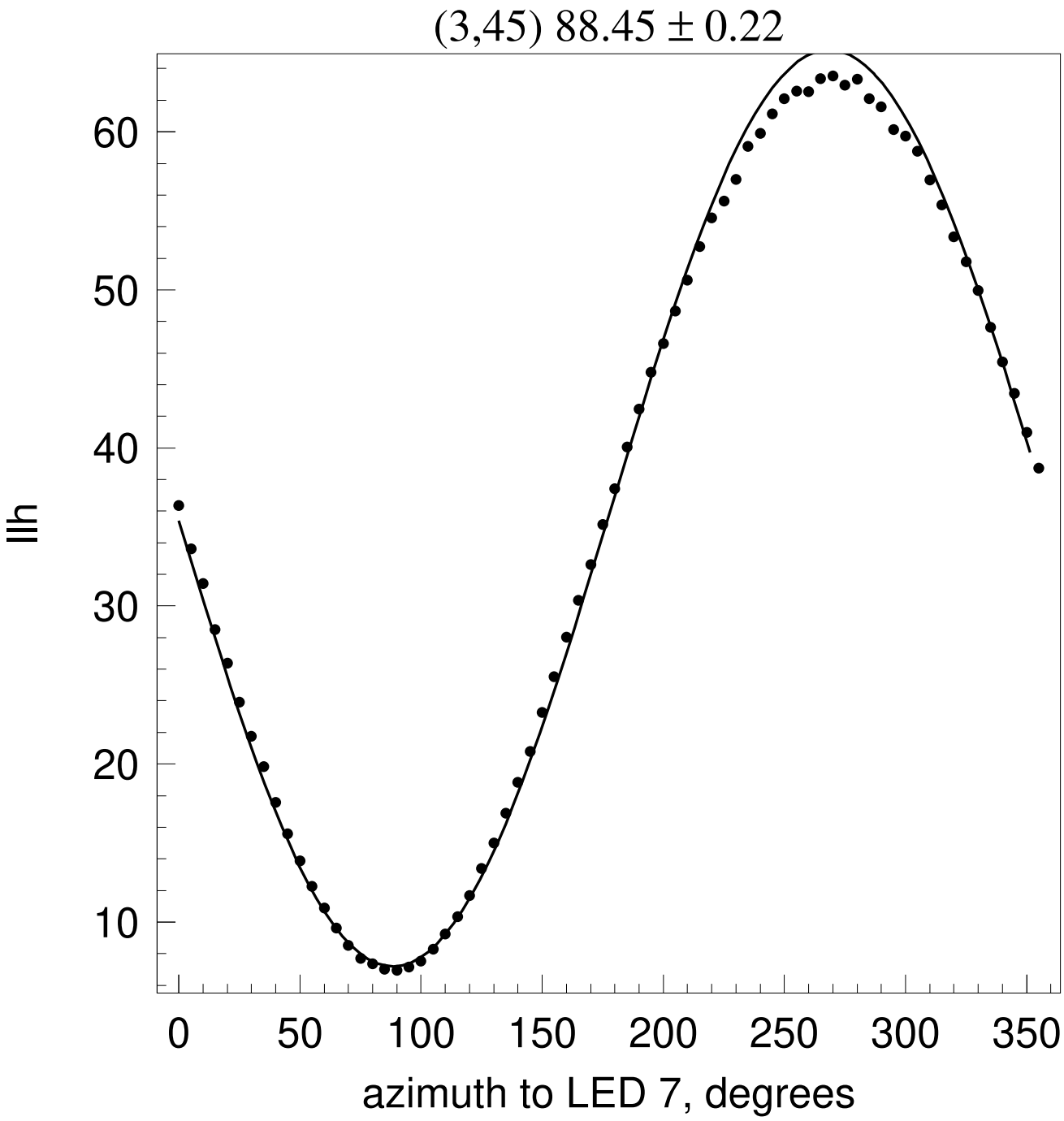

(3,40) 345.13 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

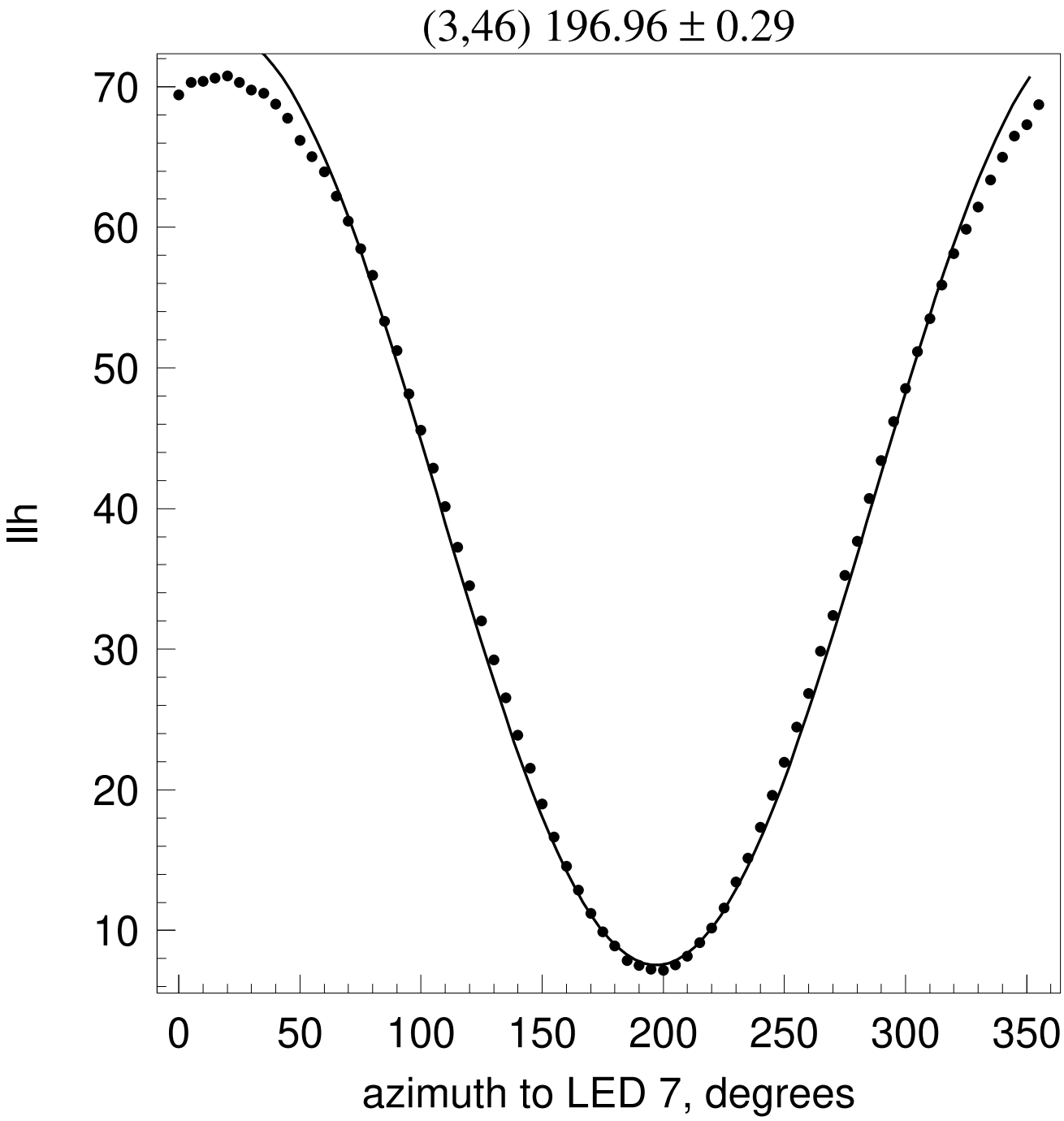

(3,41) 177.14 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

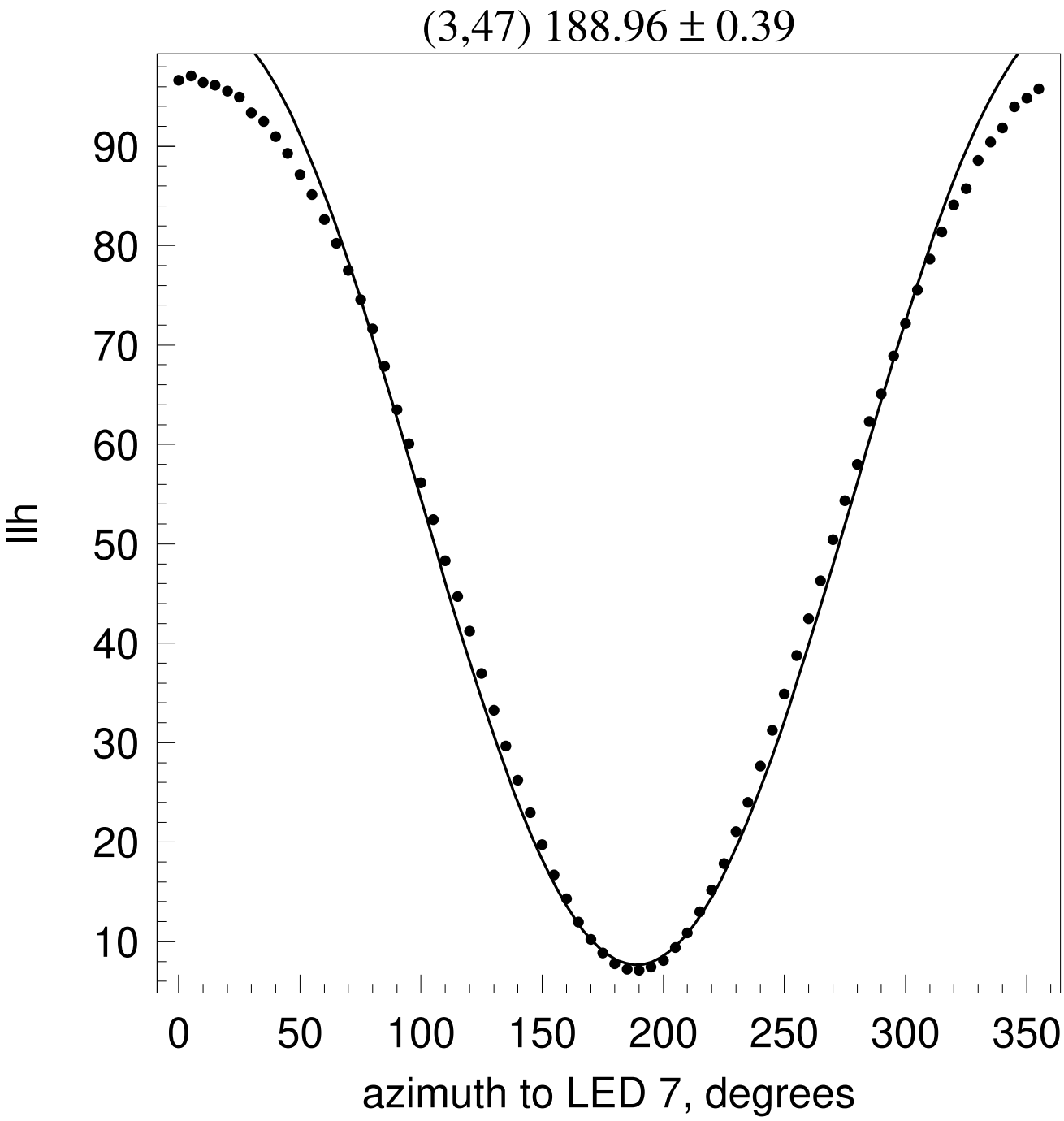

(3,42) 226.02 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

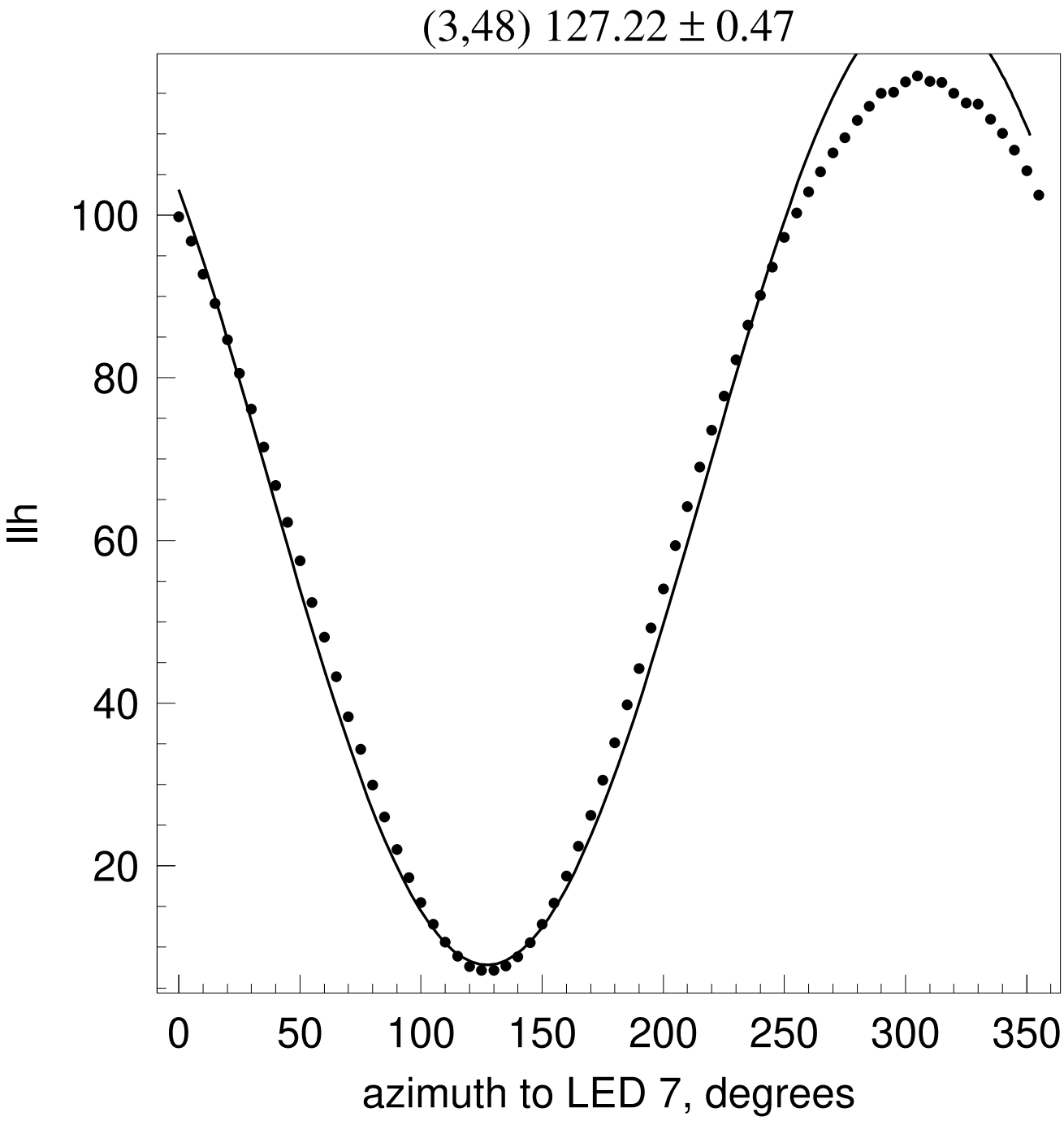

(3,43) 116.57 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

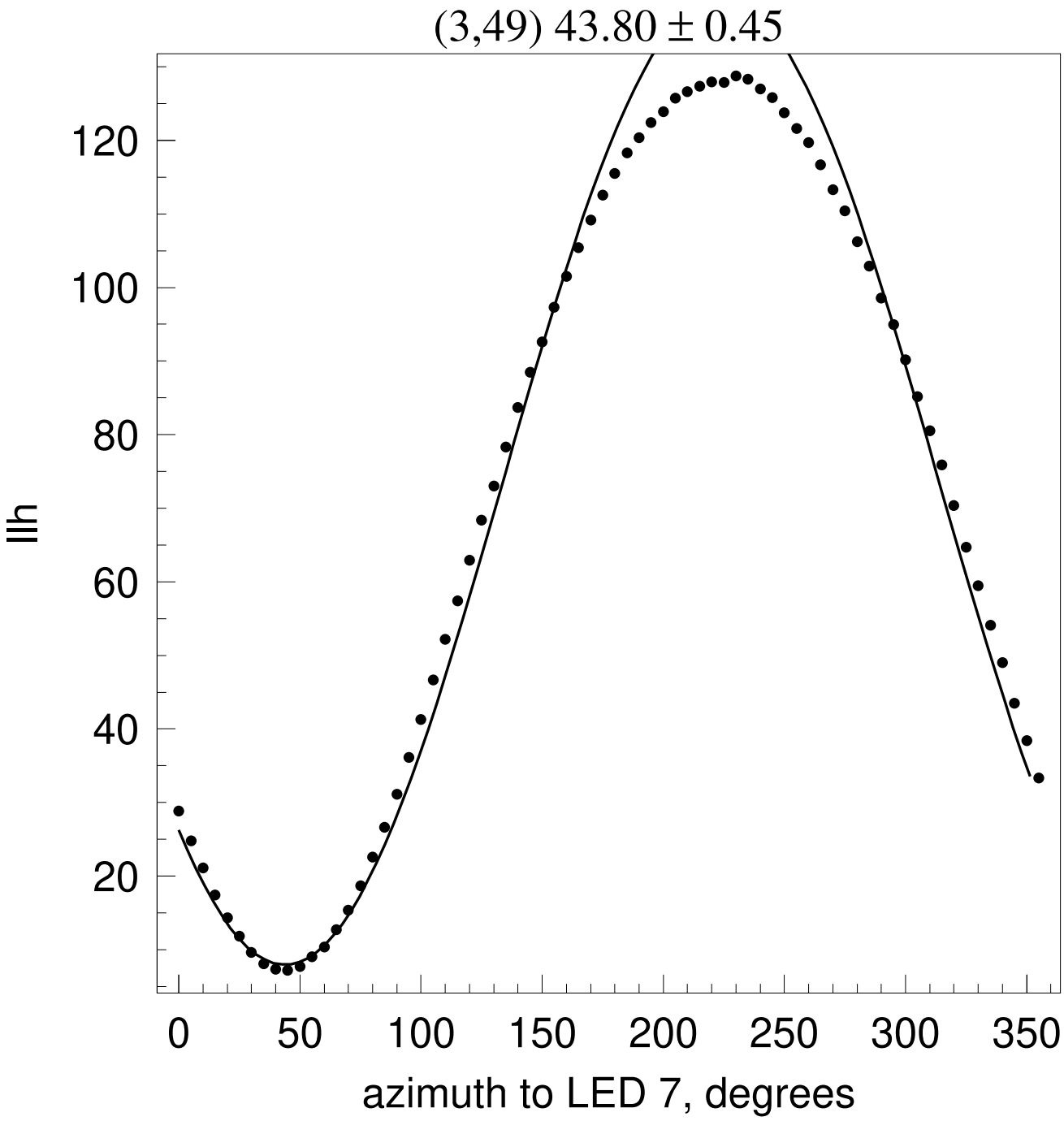

(3,44) 109.75 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

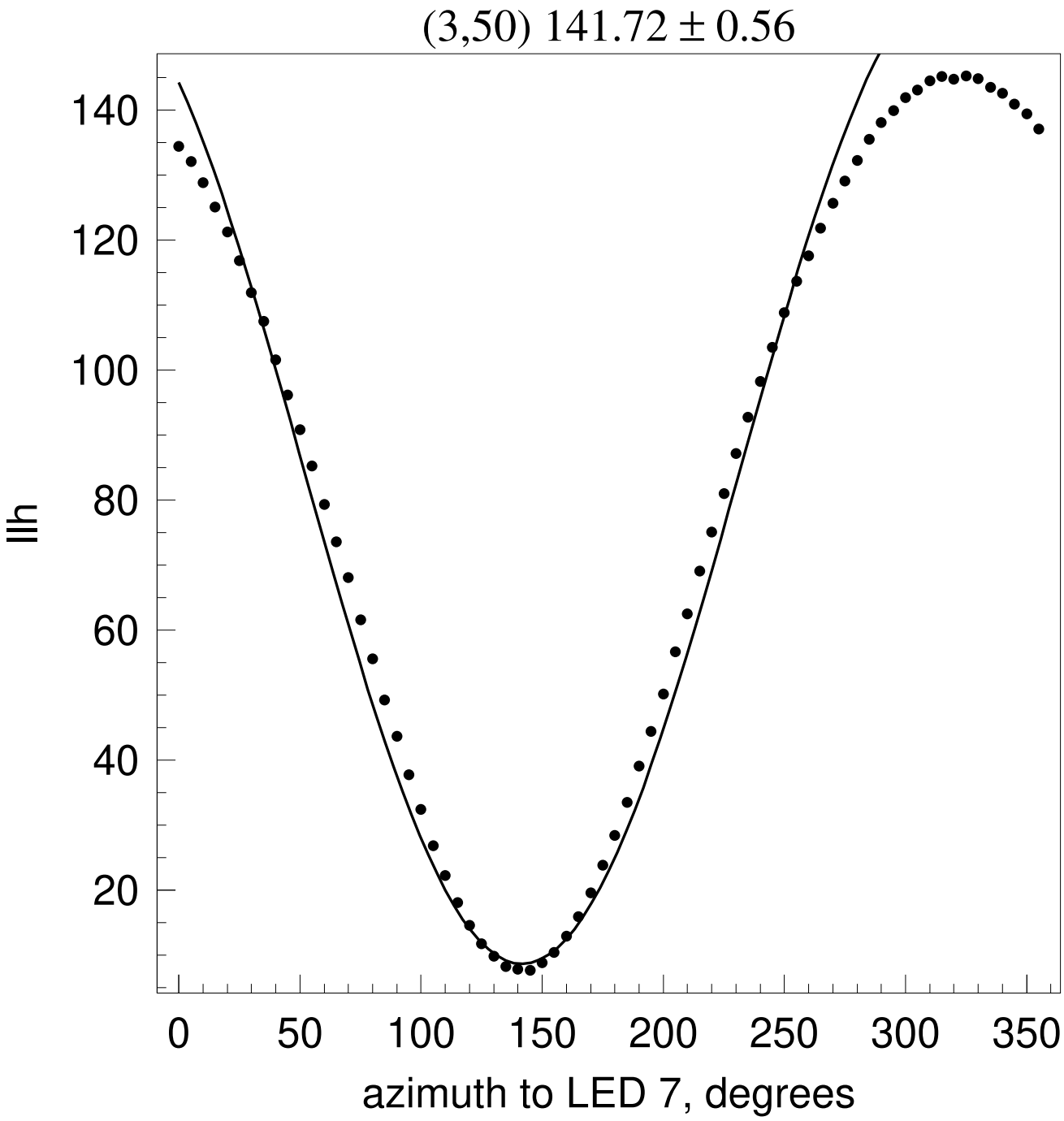

(3,45) 88.45 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

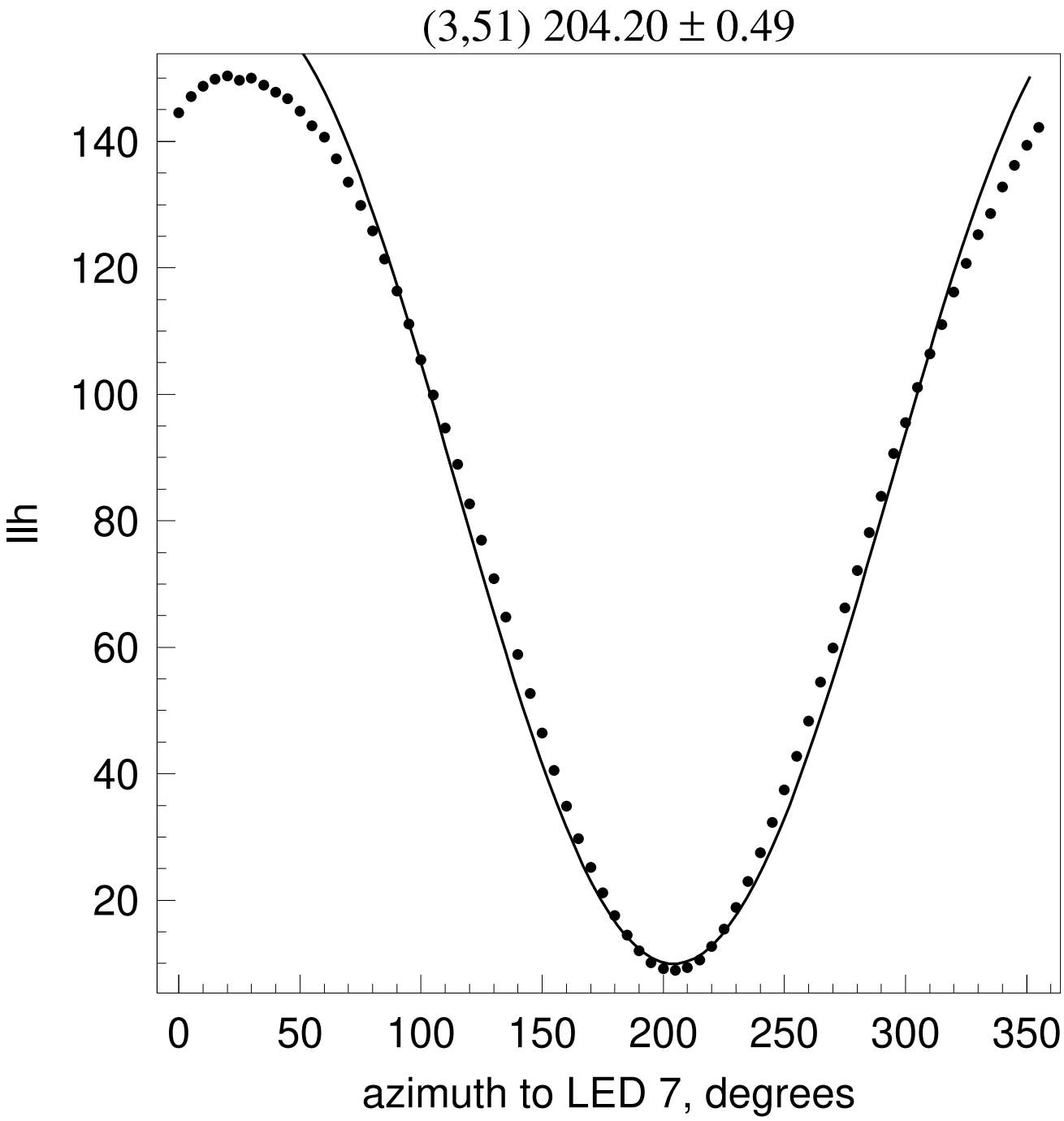

(3,46) 196.96 ± 0.29
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

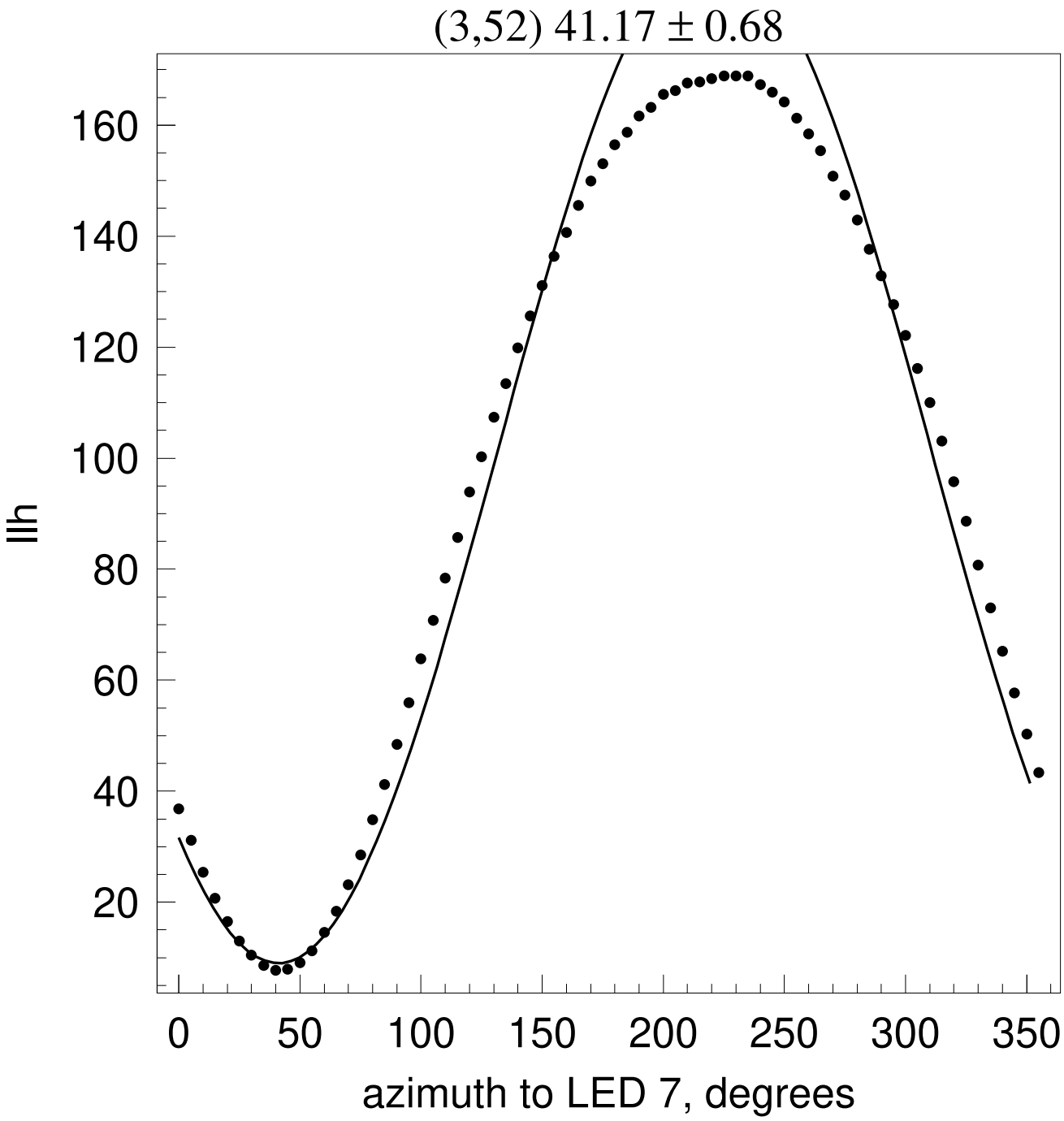

(3,47) 188.96 ± 0.39
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

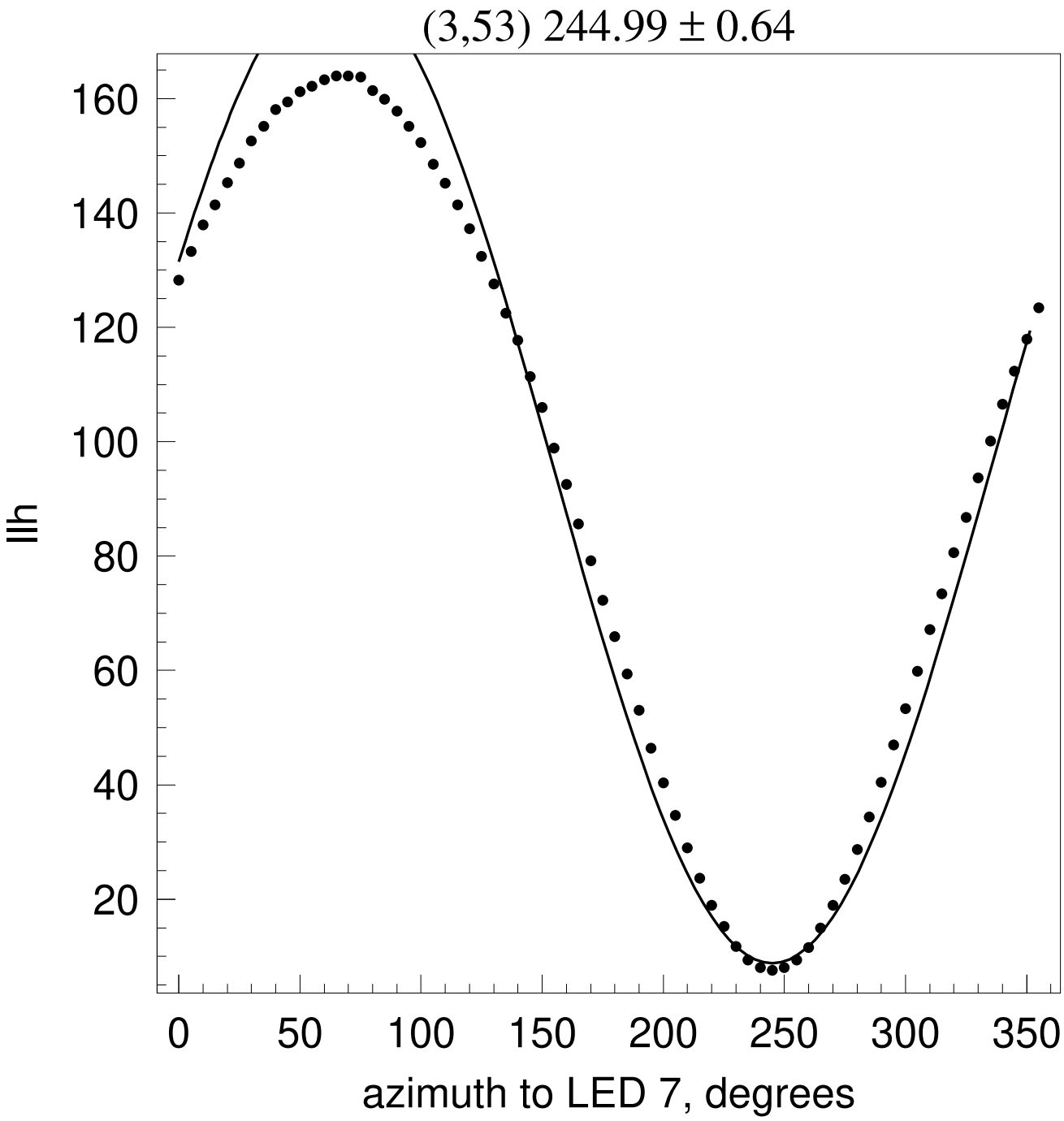

(3,48) 127.22 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

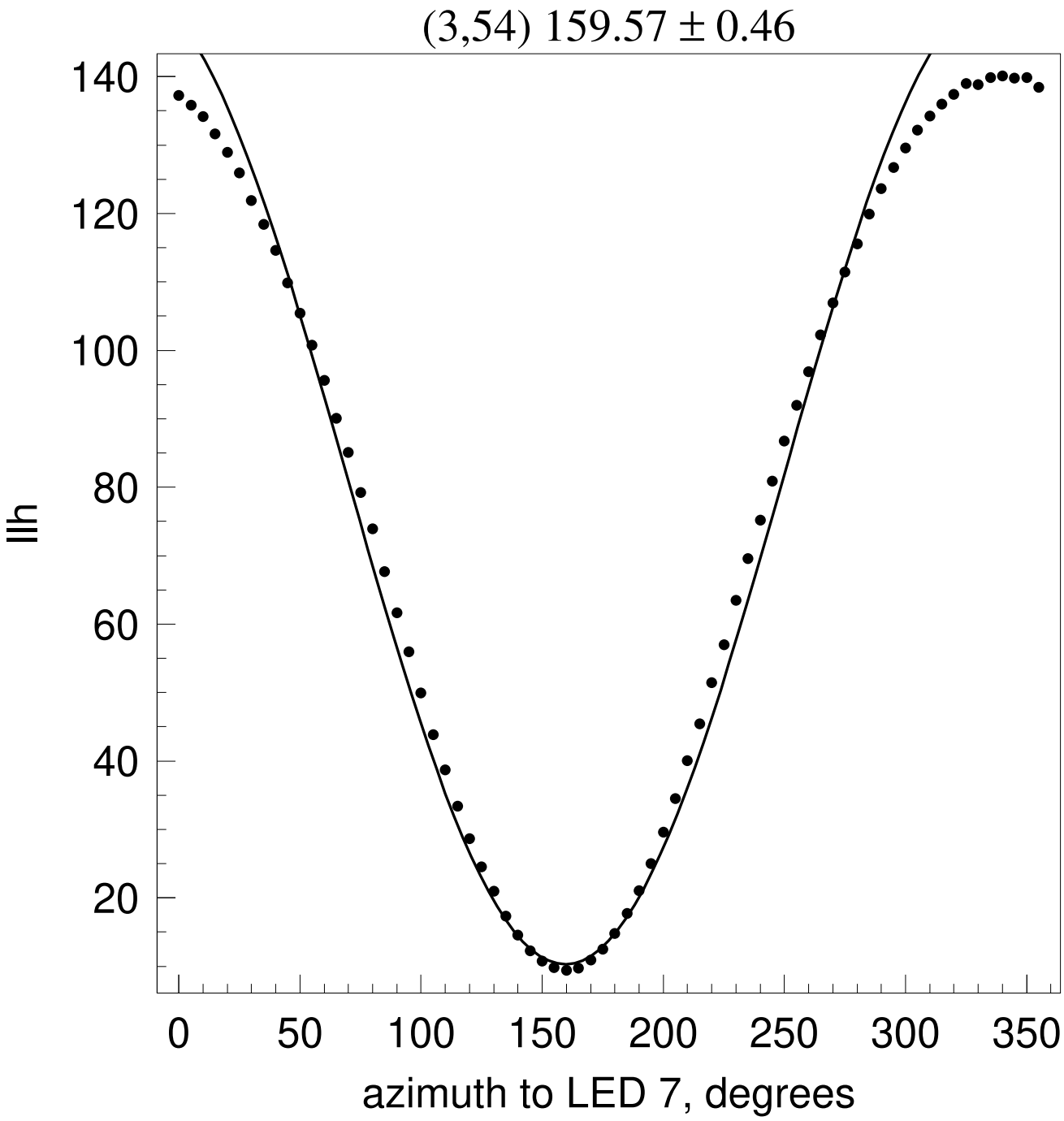

(3,49) 43.80 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

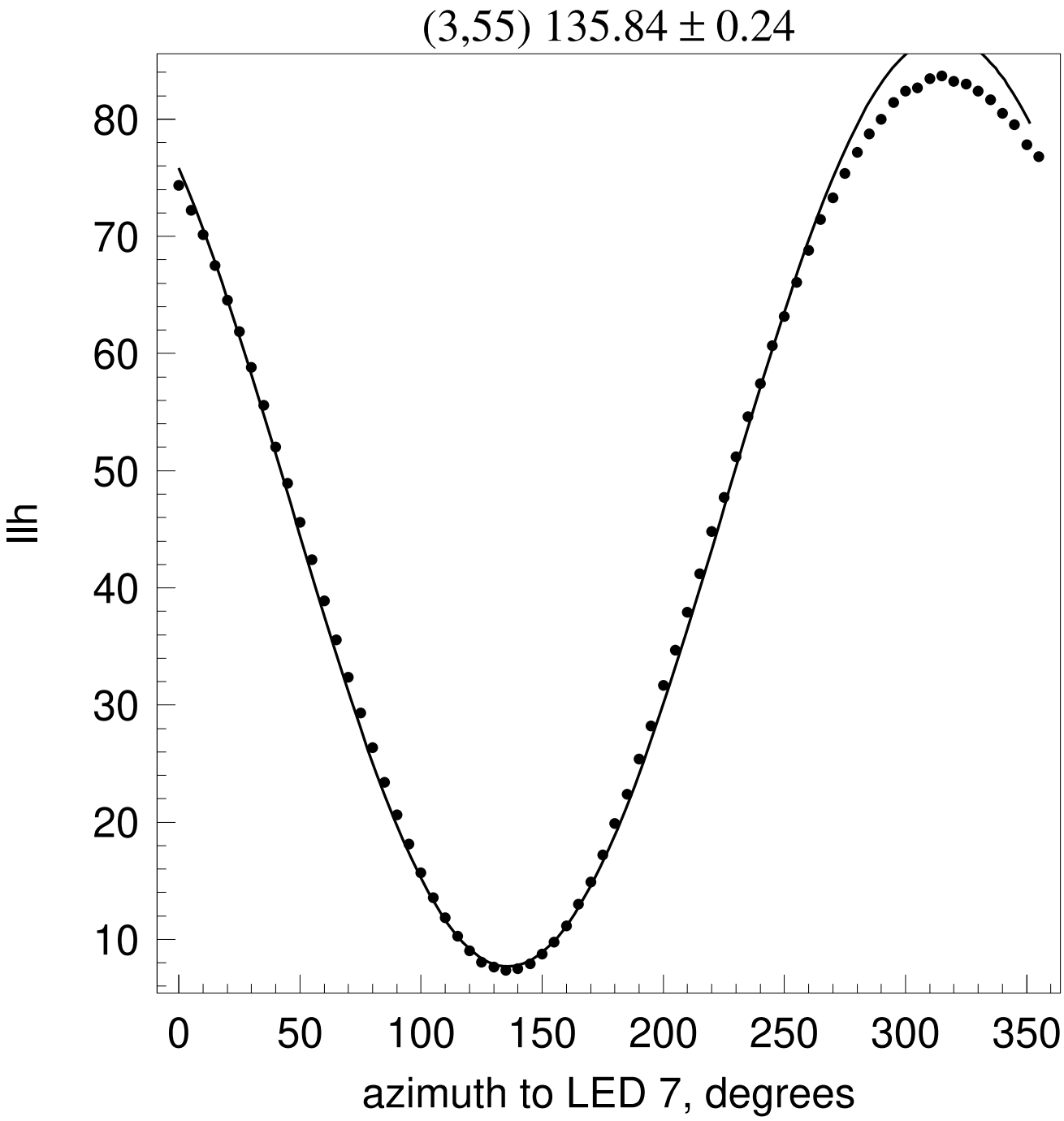

(3,50) 141.72 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

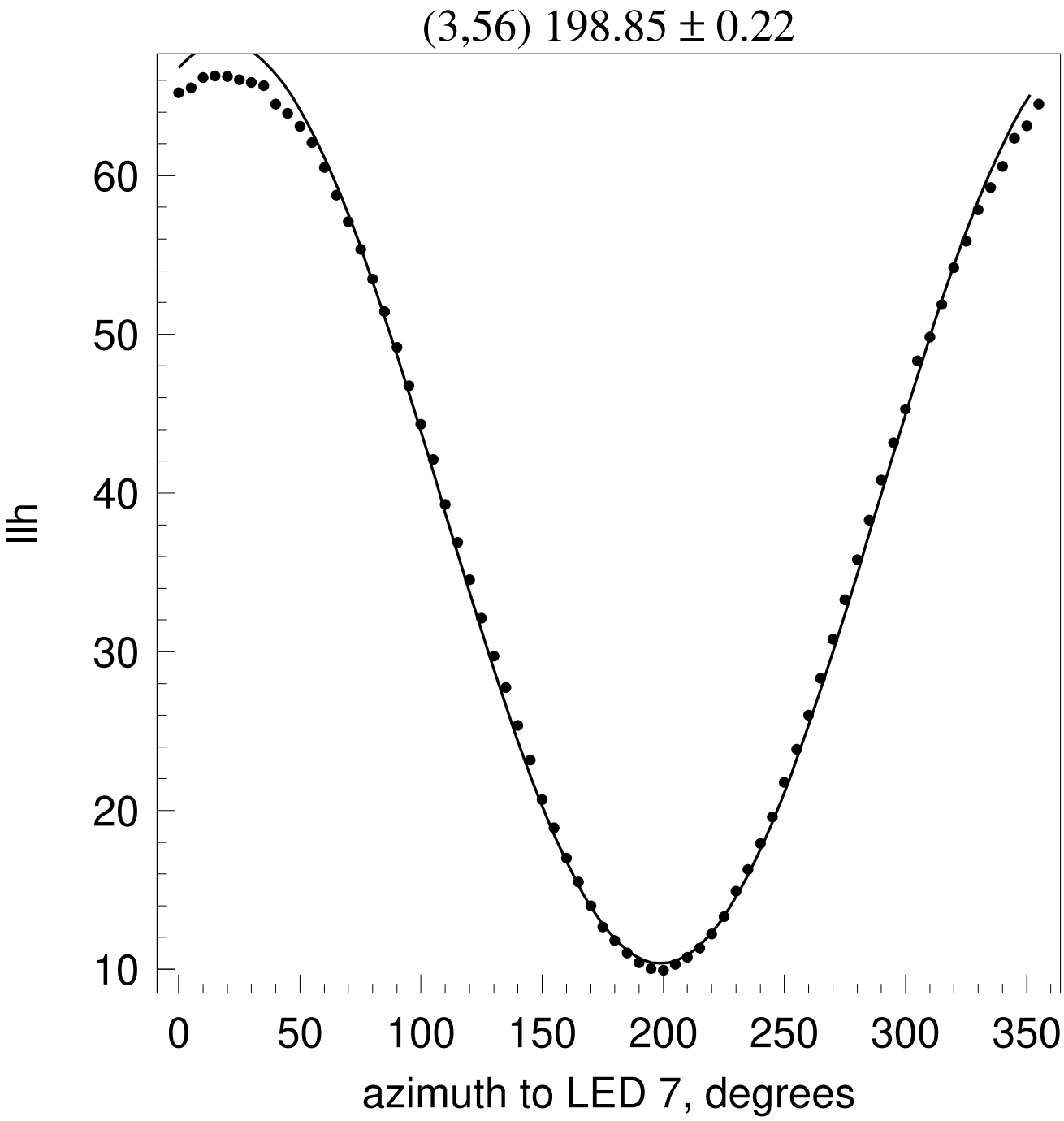

(3,51) 204.20 ± 0.49
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

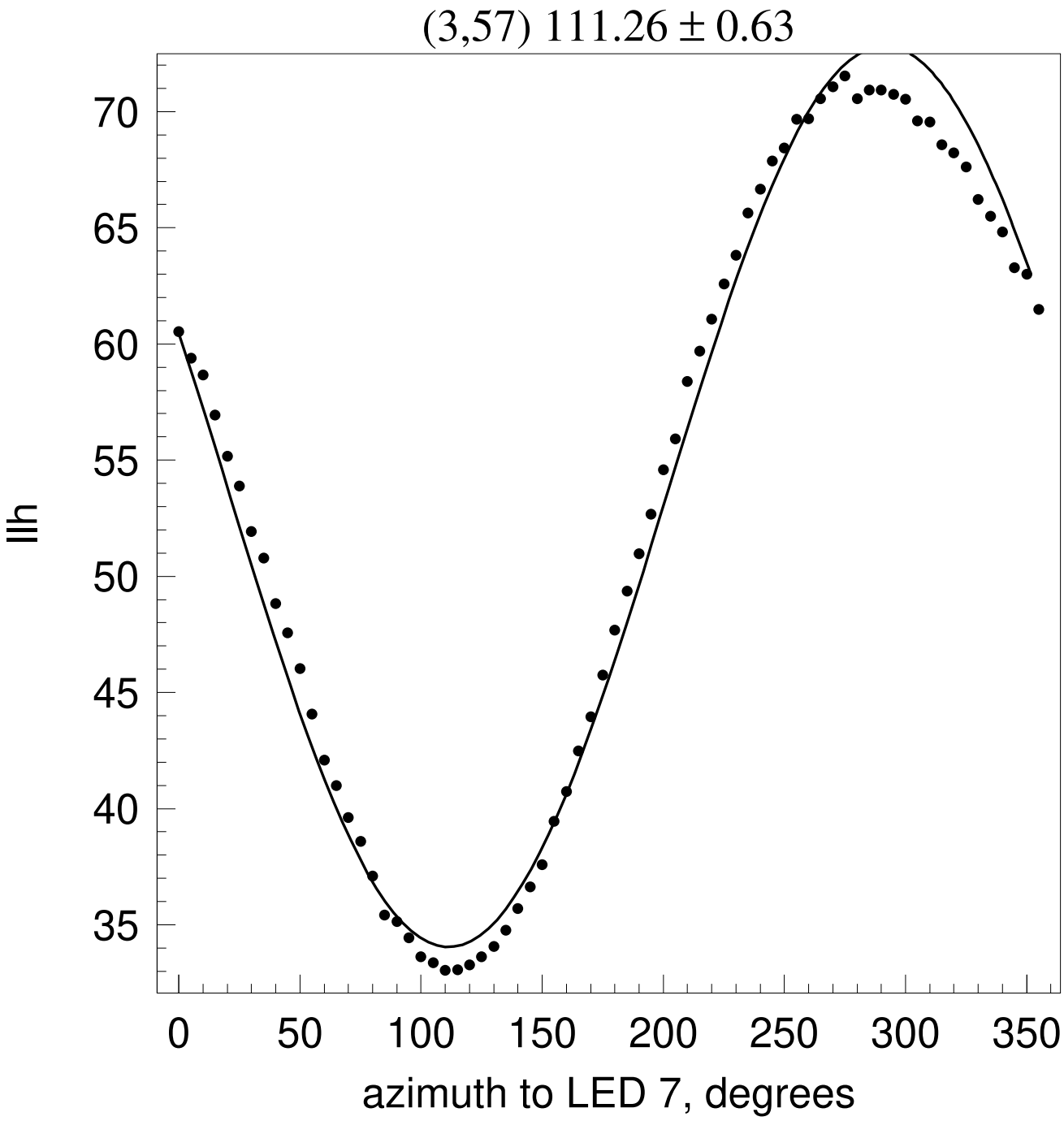

(3,52) 41.17 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

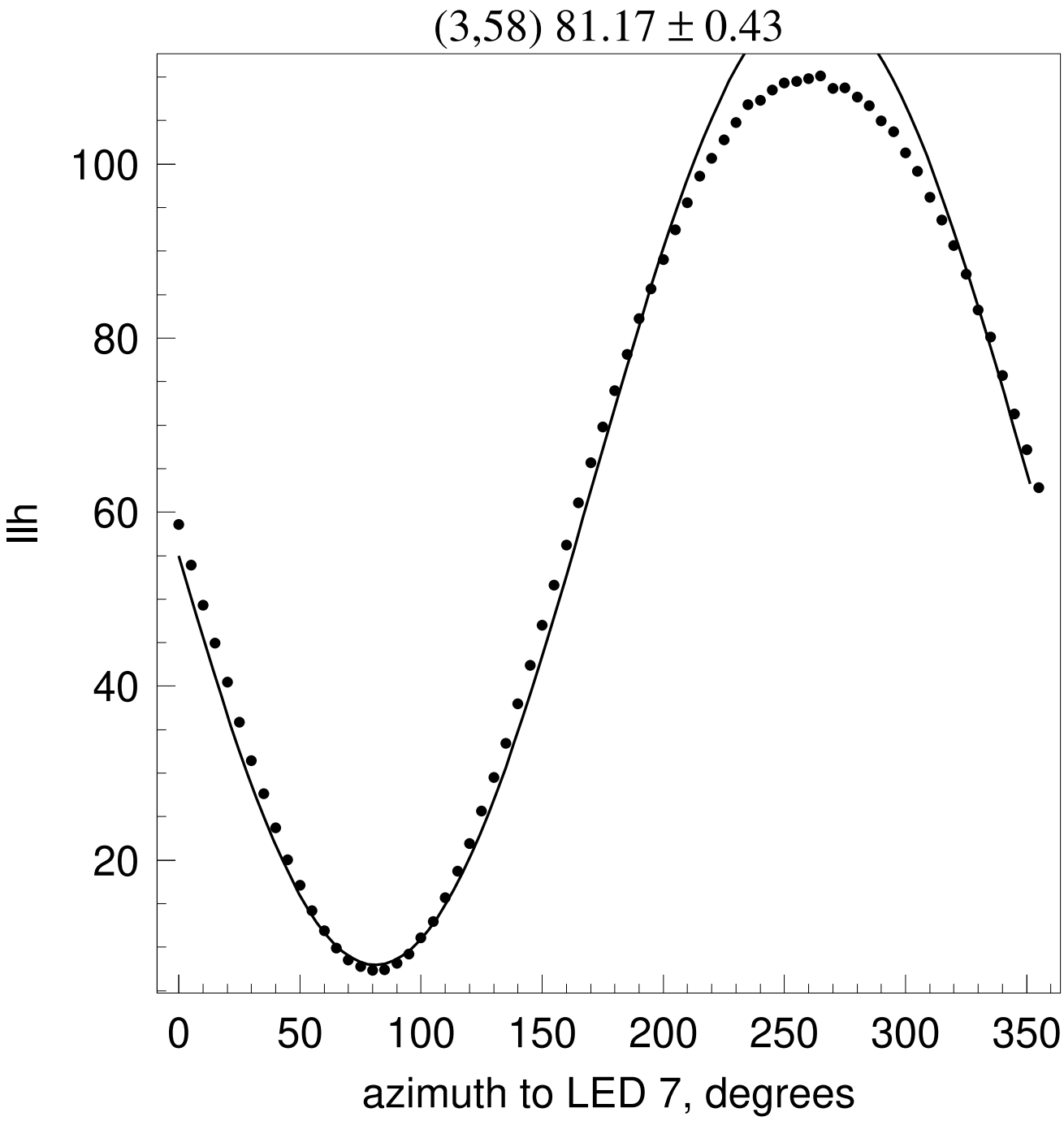

(3,53) 244.99 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

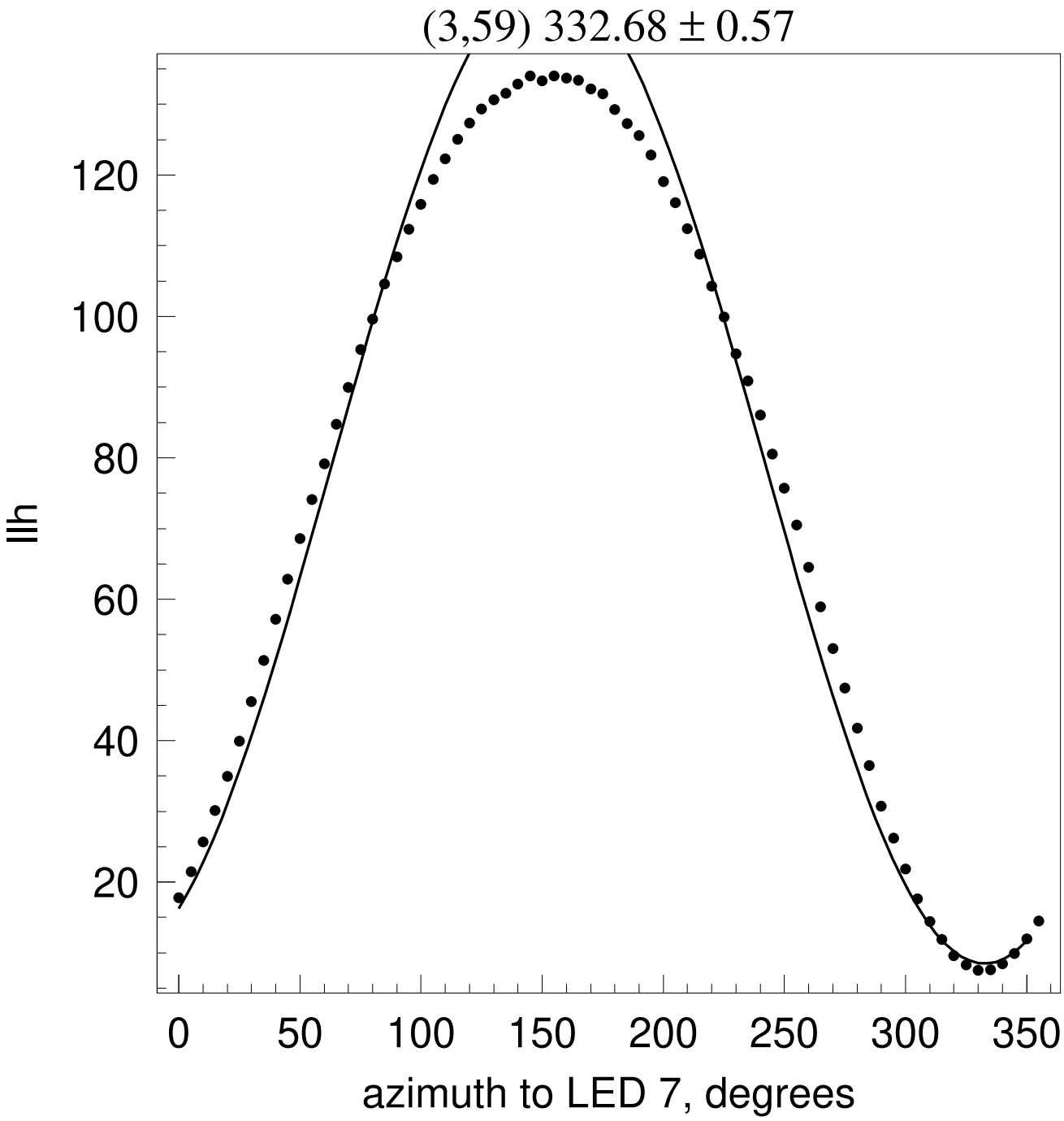

(3,54) 159.57 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

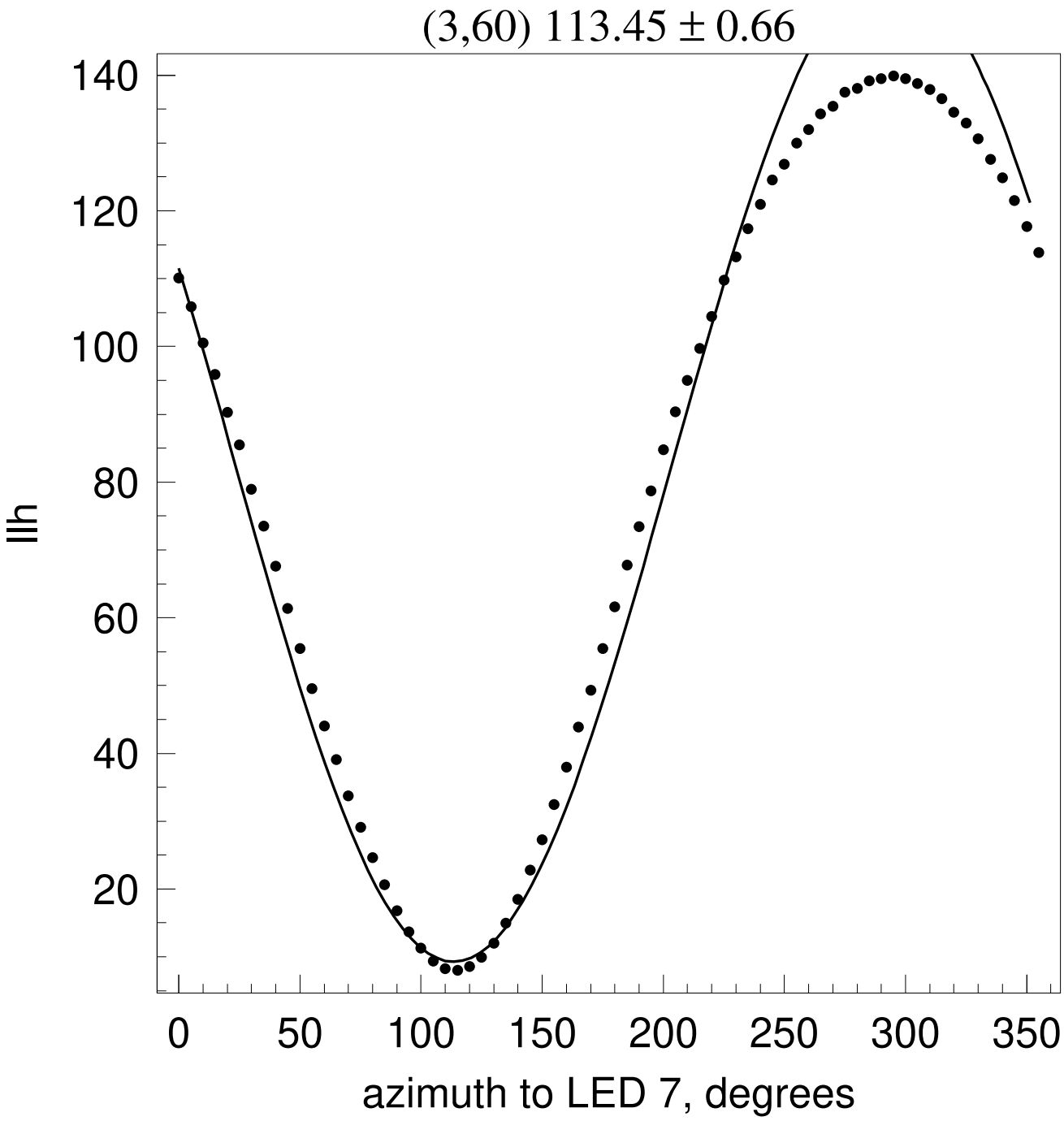

(3,55) 135.84 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

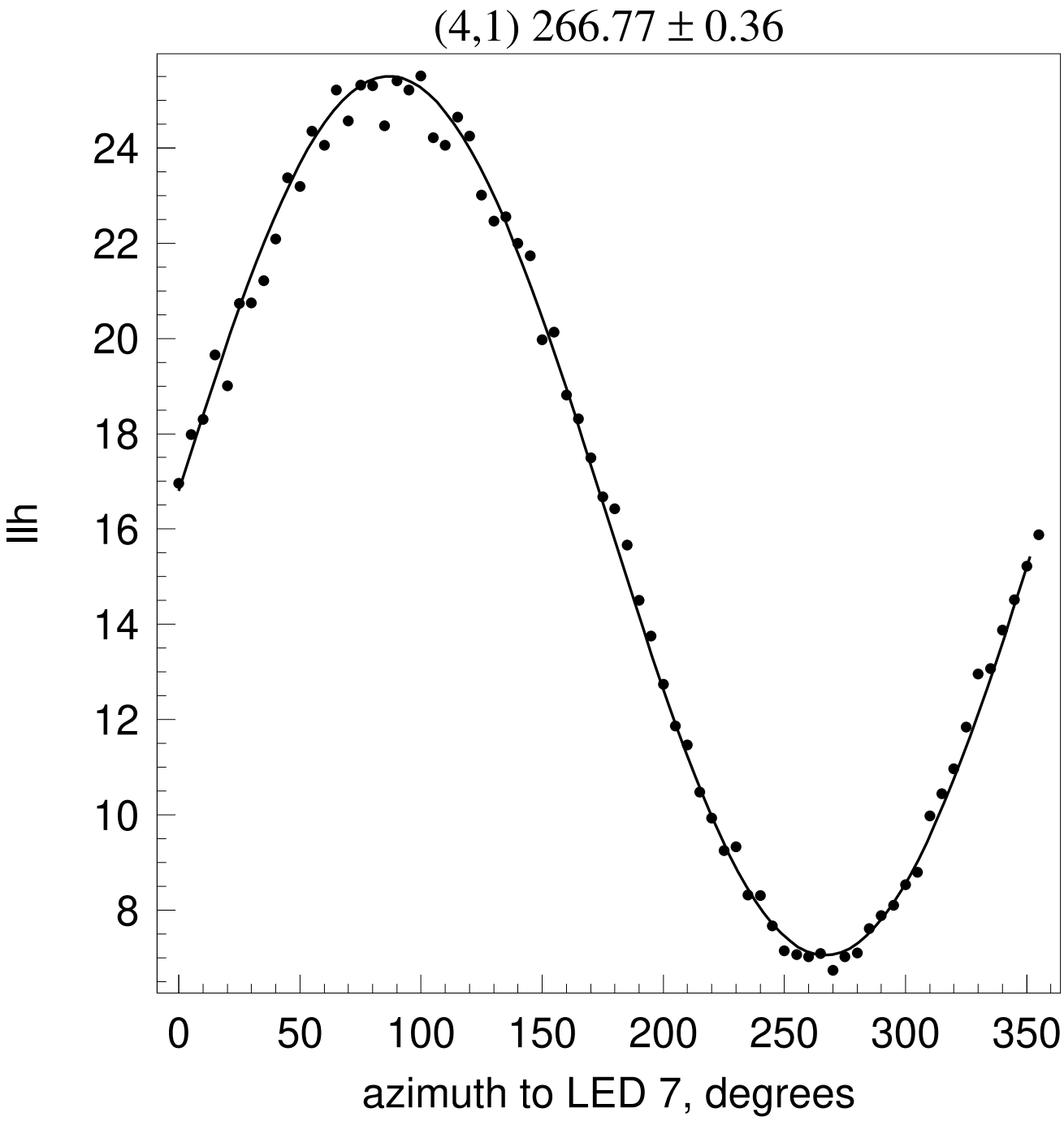

(3,56) 198.85 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

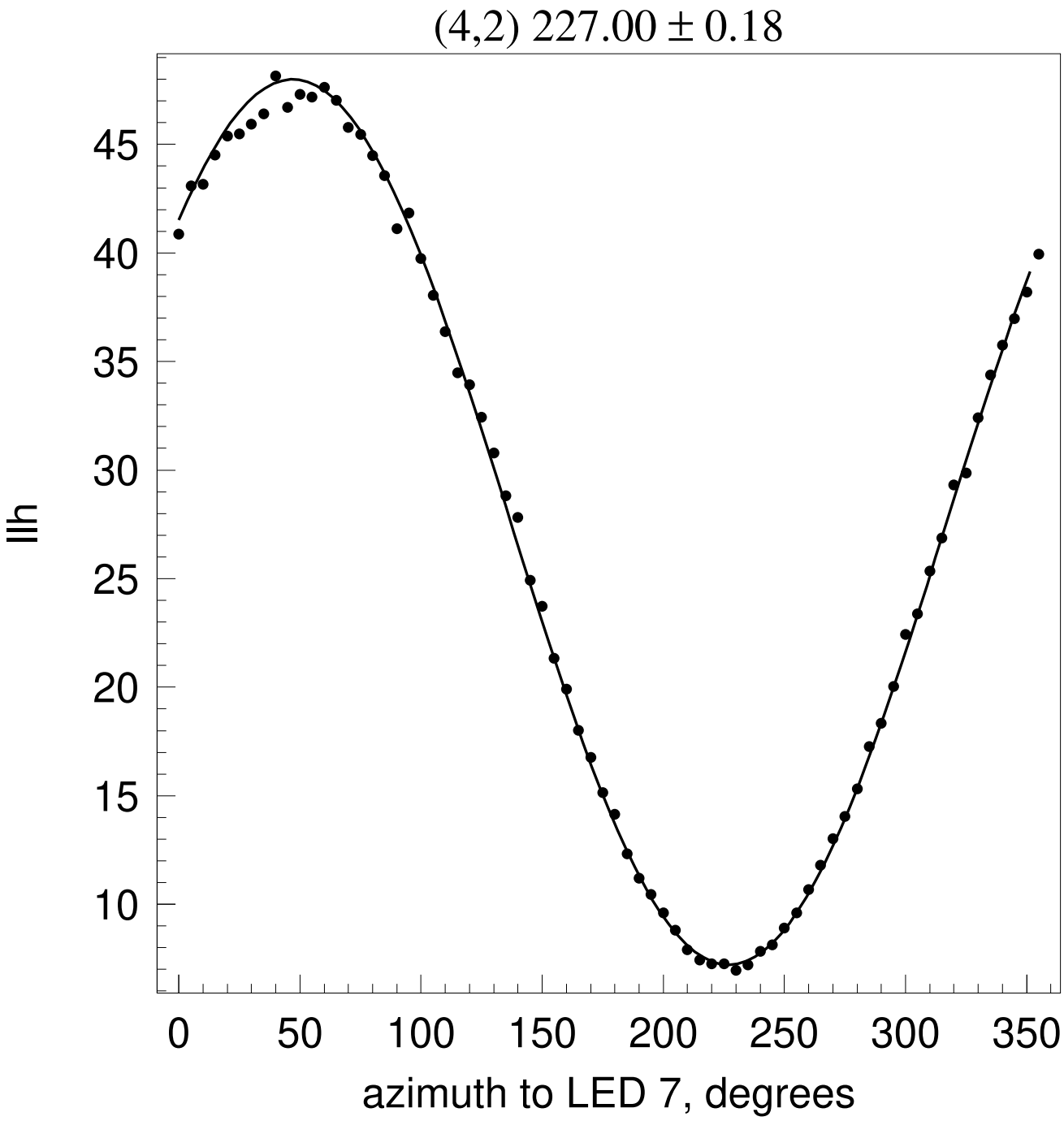

(3,57) 111.26 ± 0.63
70
65
60
55
50
45
40
35
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

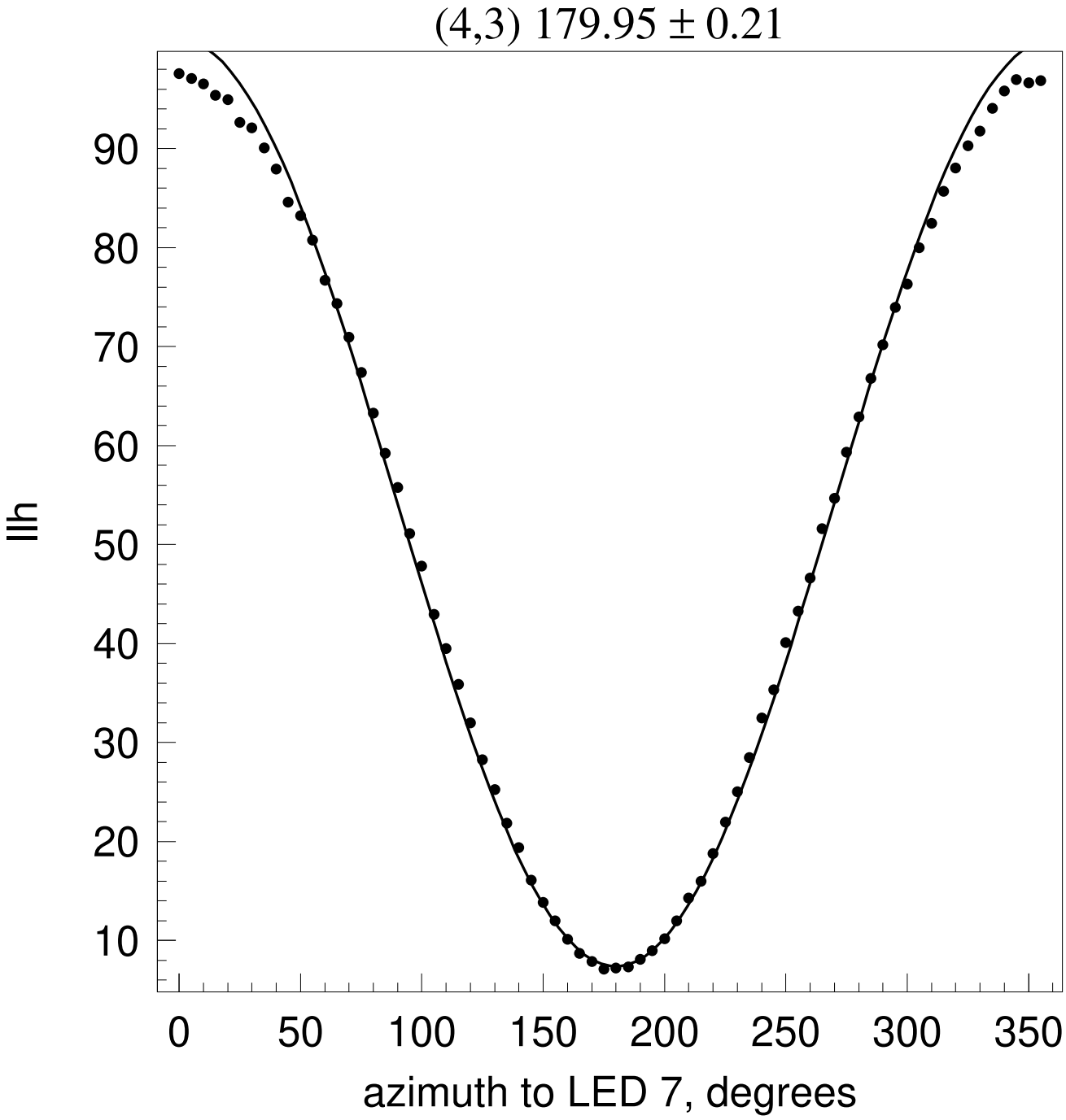

(3,58) 81.17 ± 0.43
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

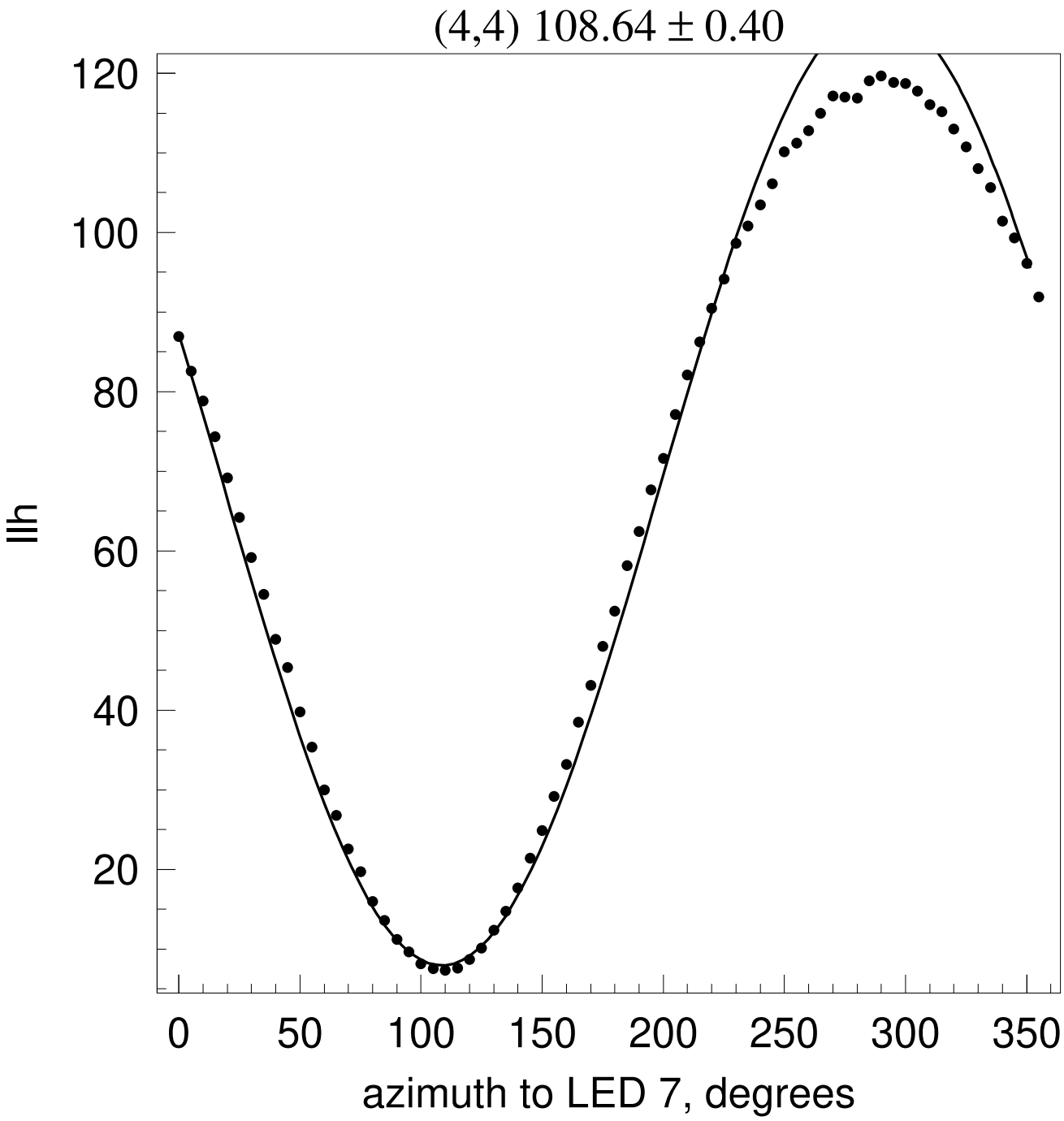

(3,59) 332.68 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

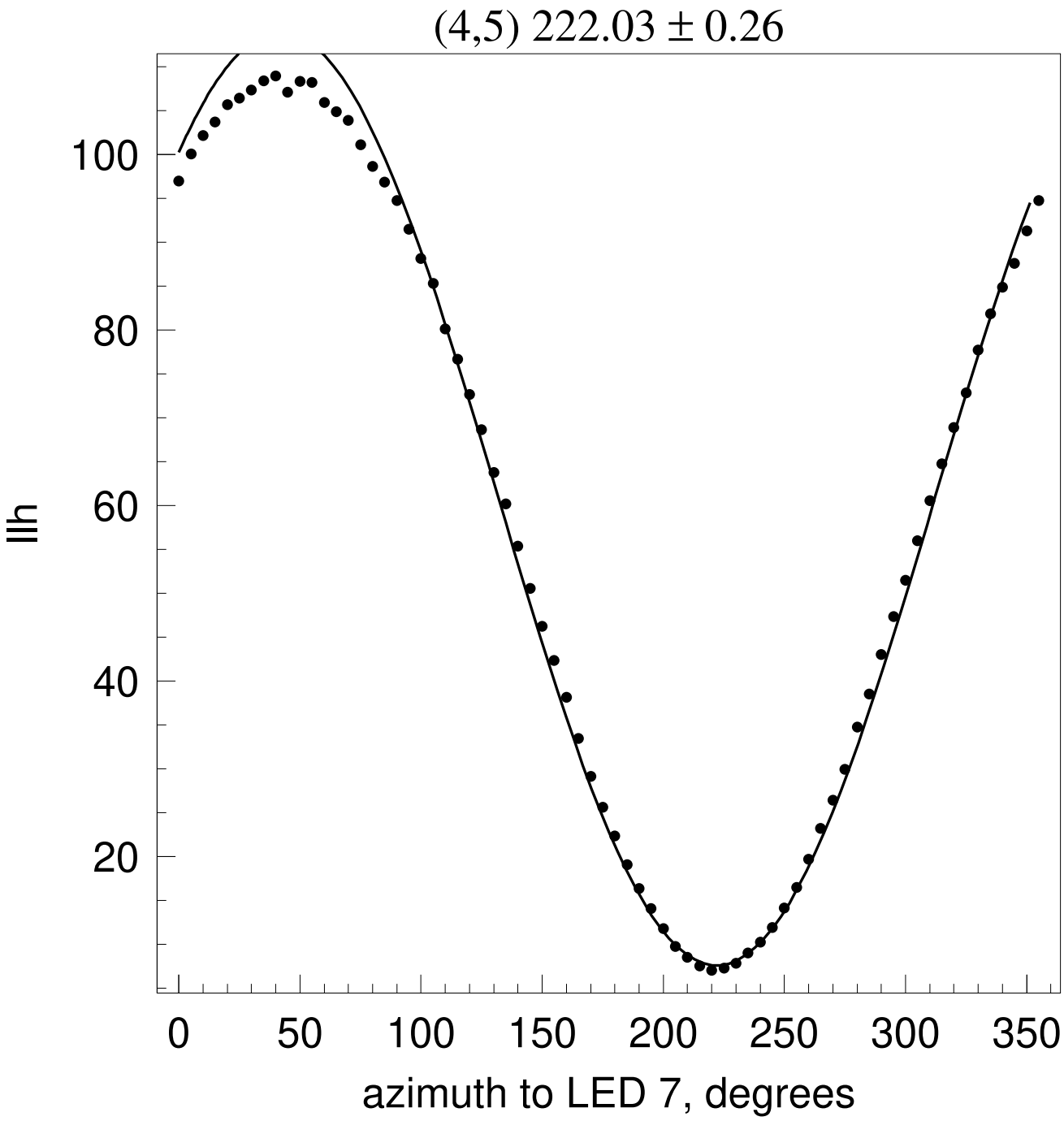

(3,60) 113.45 ± 0.66
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

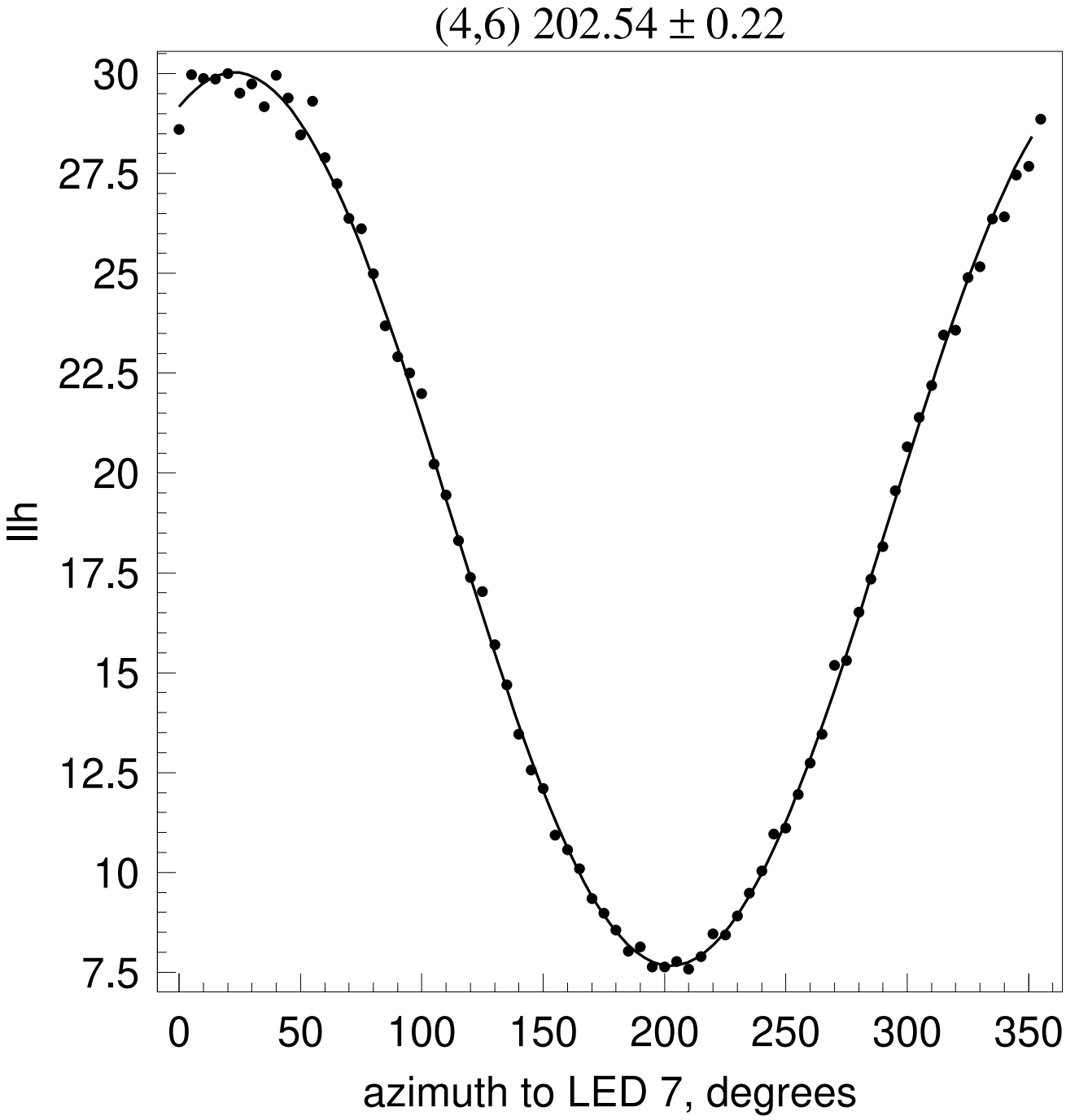

(4,1) 266.77 ± 0.36
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

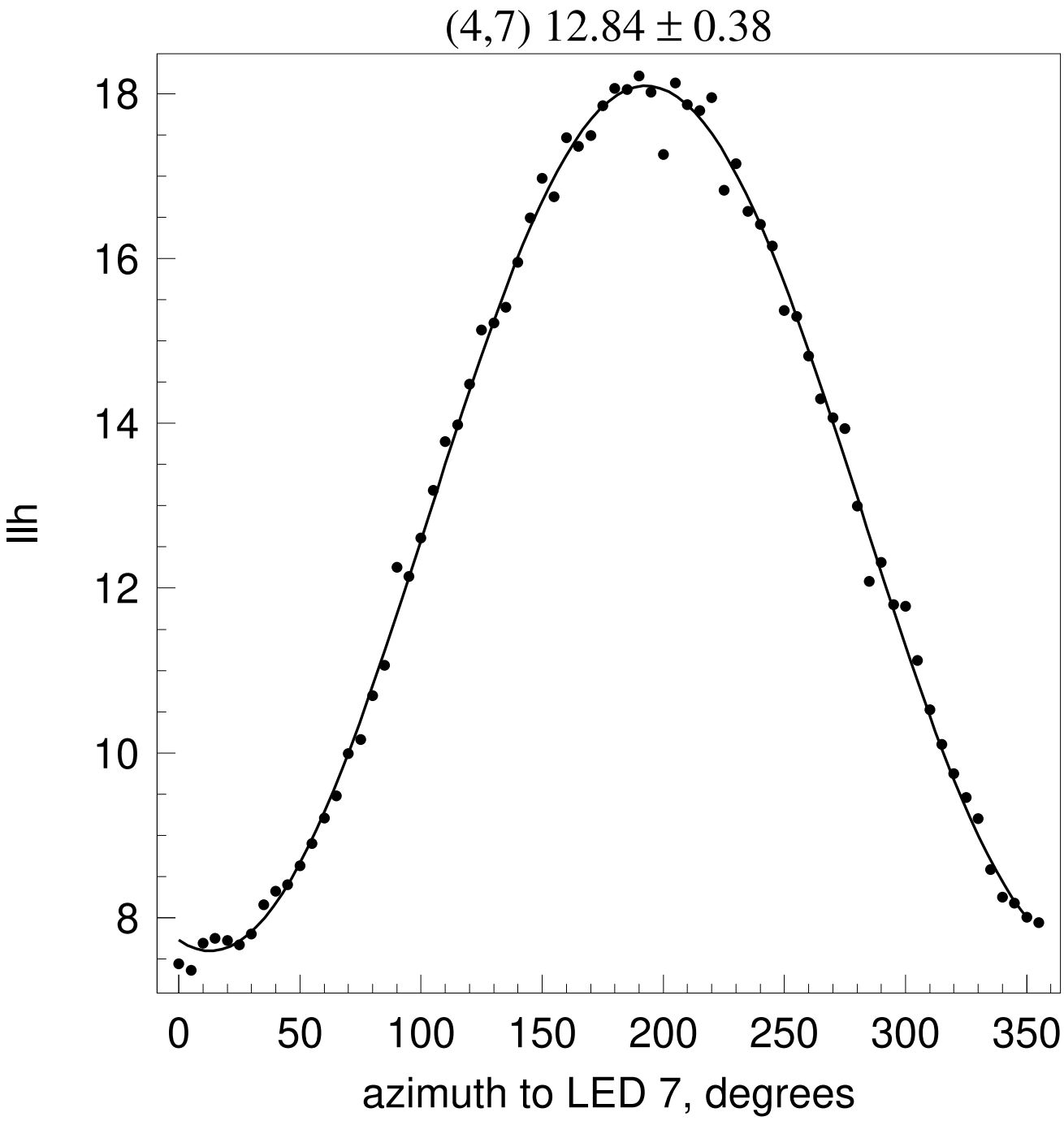

(4,2) 227.00 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

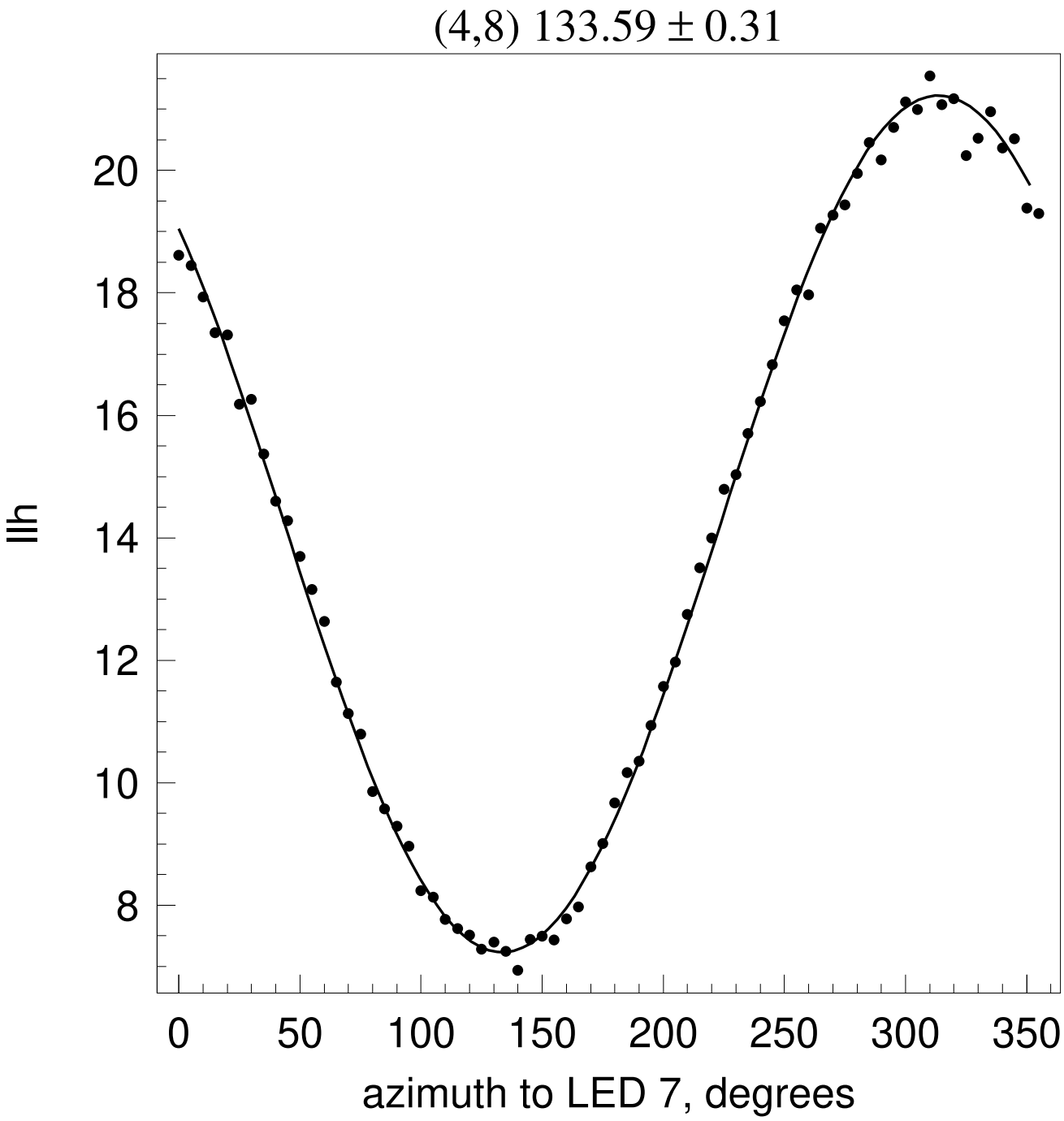

(4,3) 179.95 ± 0.21
90
80
70
60
50
40
30
20
10
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

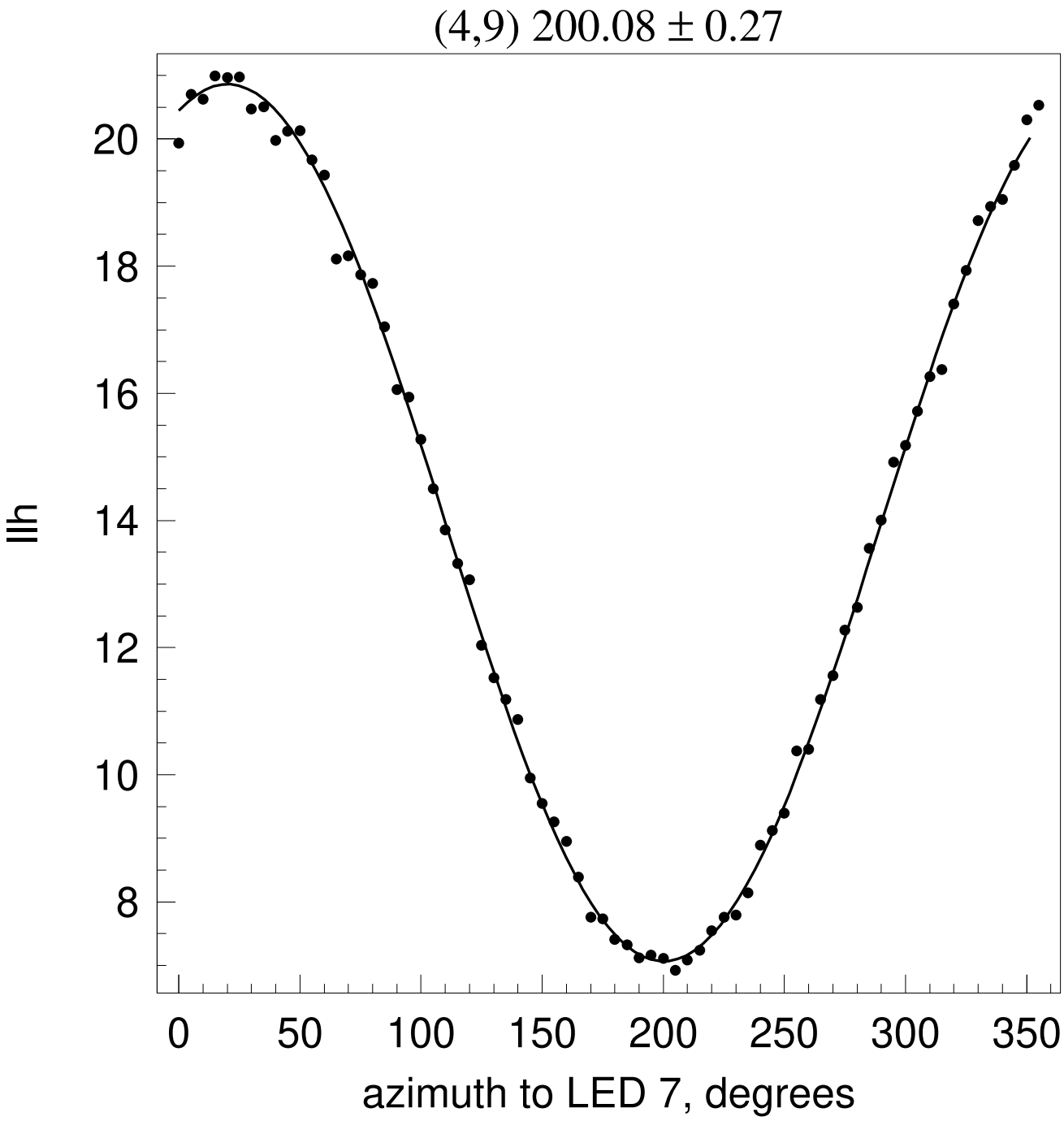

(4,4) 108.64 ± 0.40
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

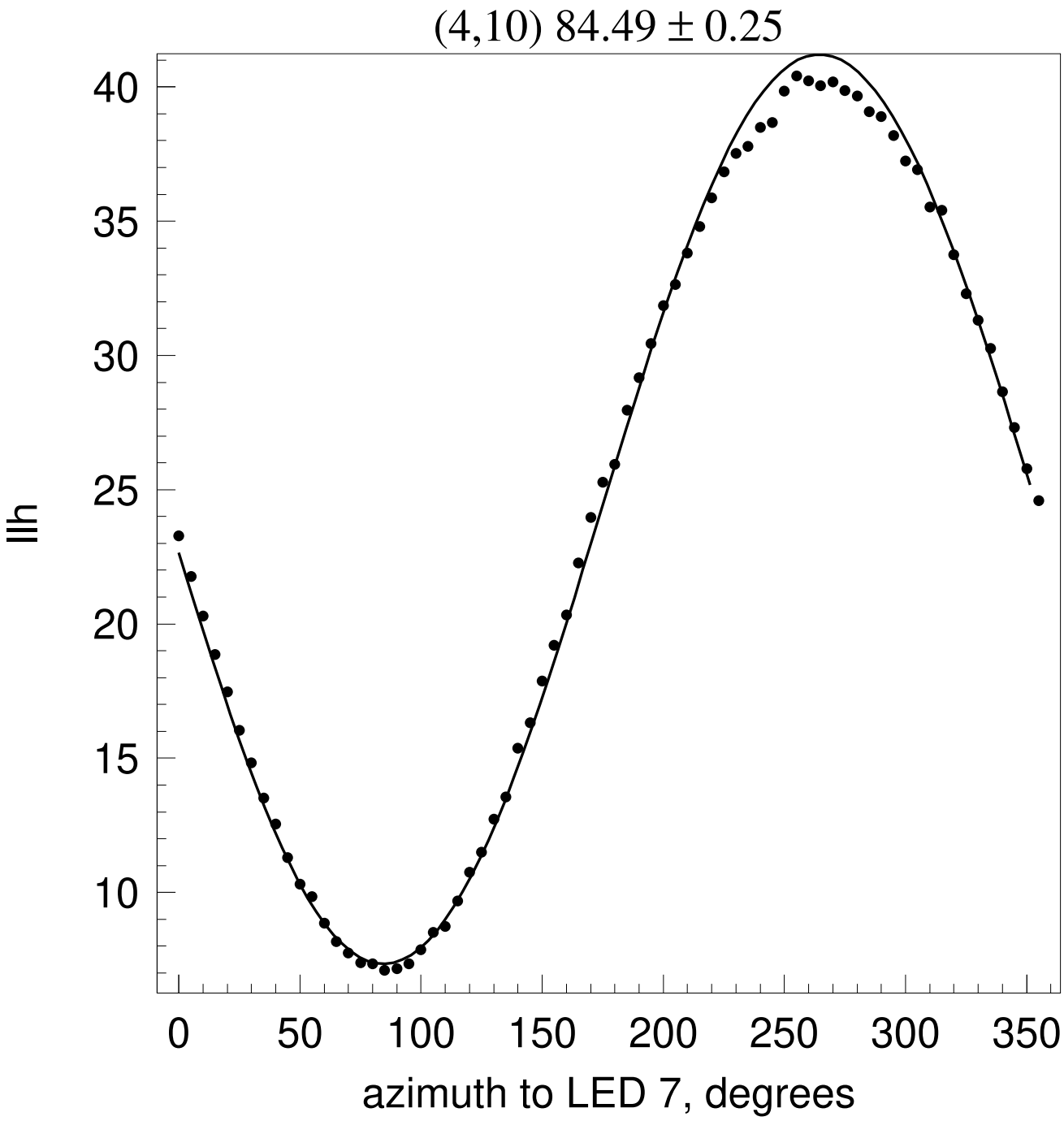

(4,5) 222.03 ± 0.26
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

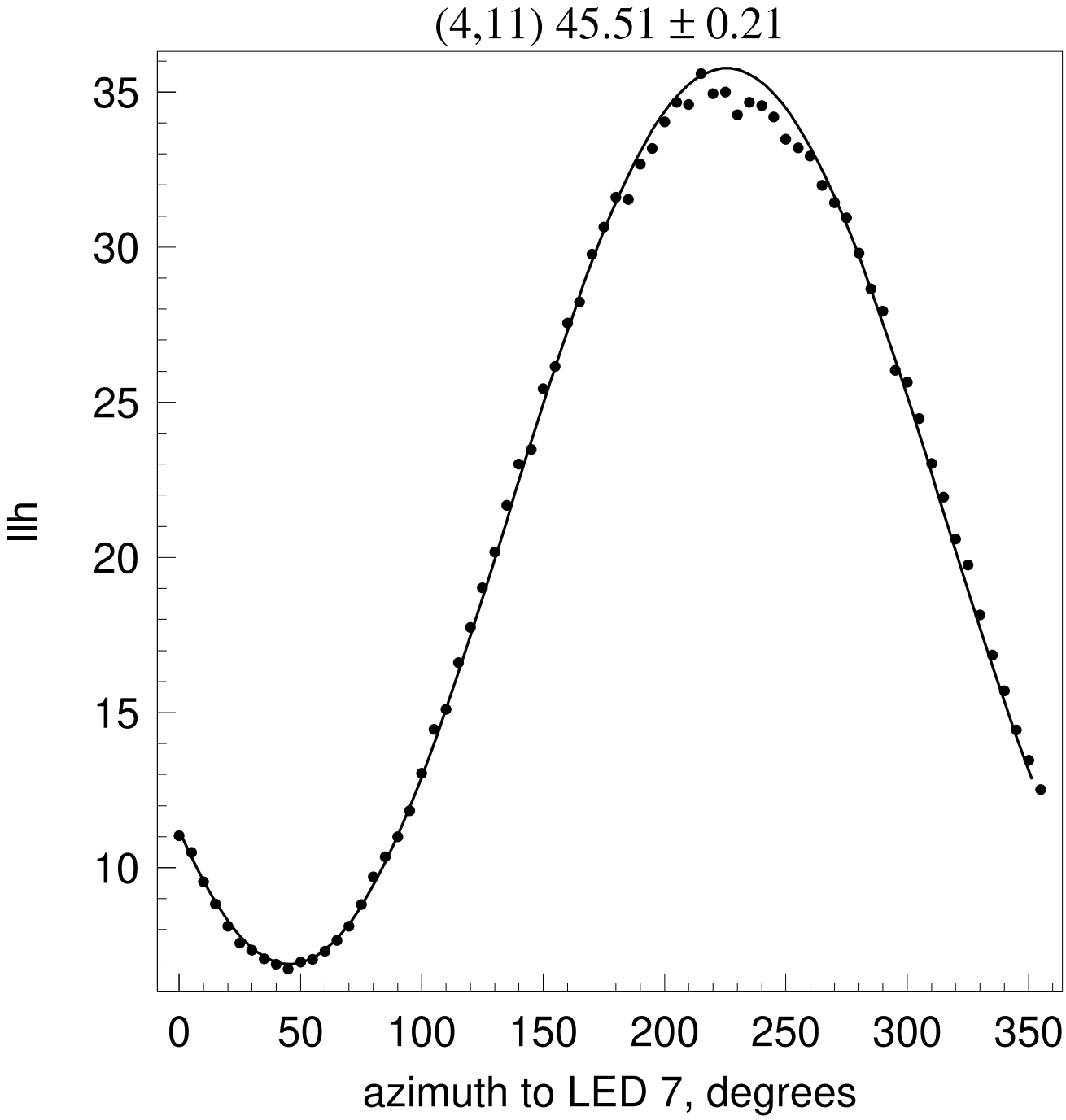

(4,6) 202.54 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

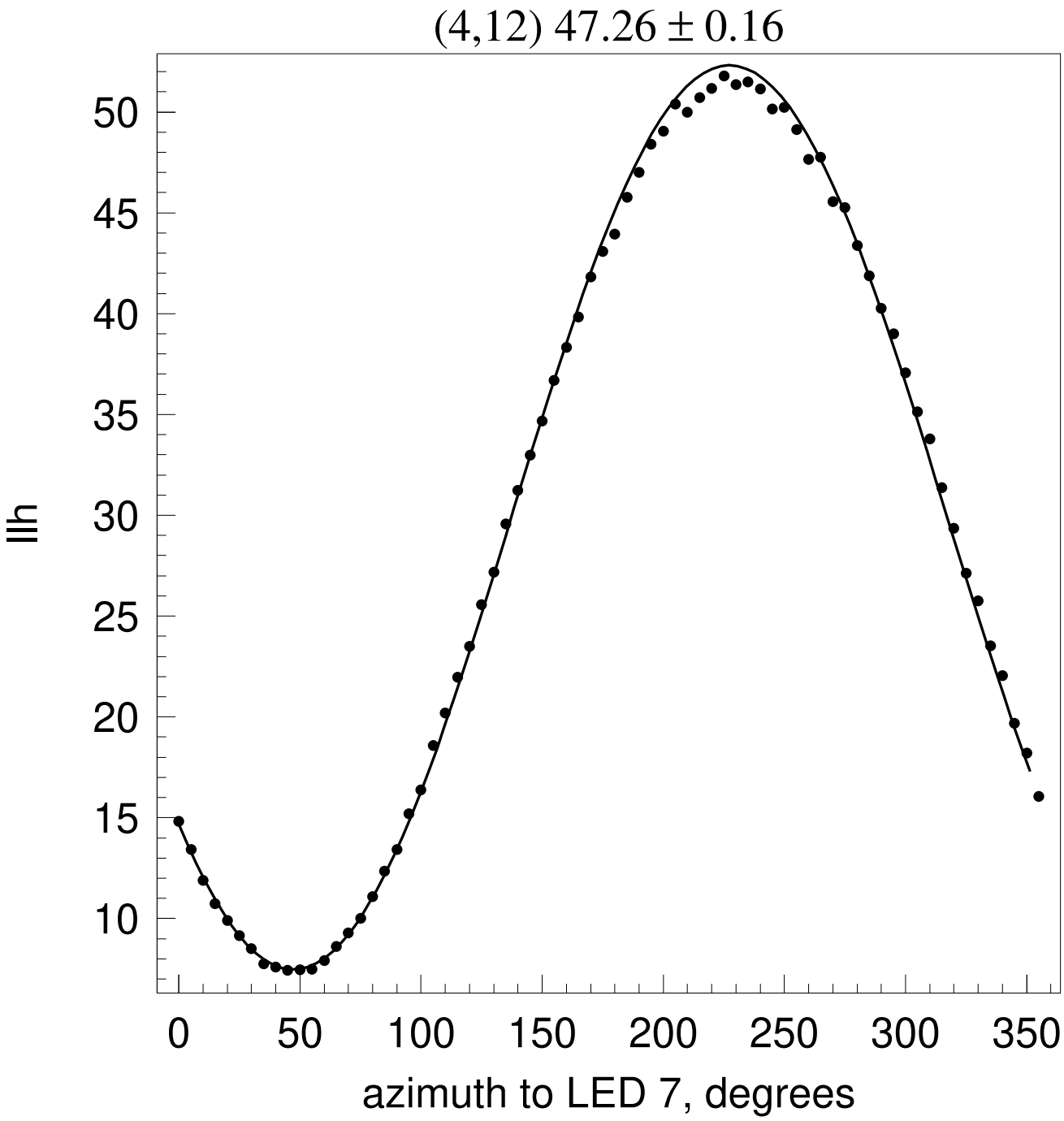

(4,7) 12.84 ± 0.38
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

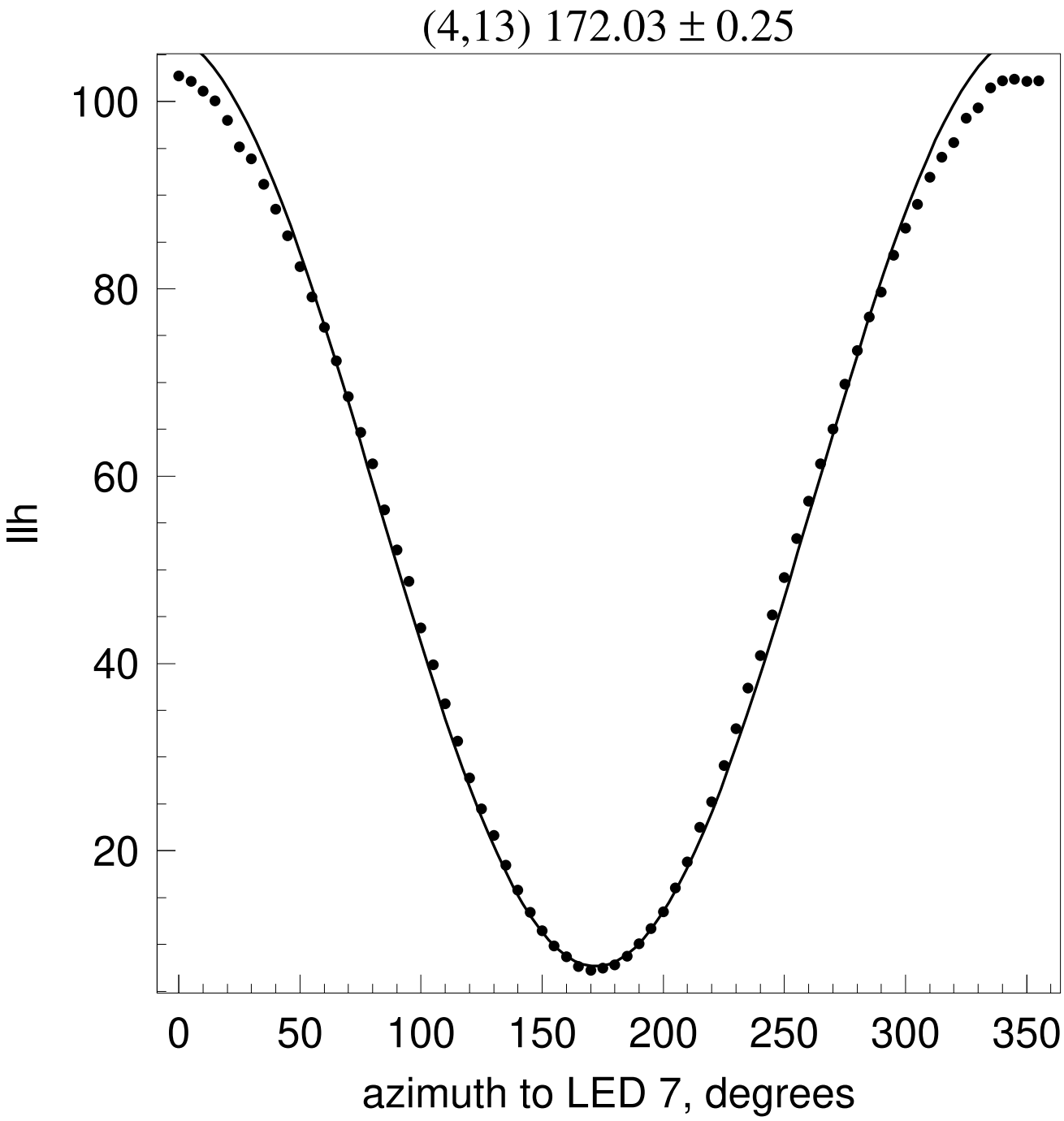

(4,8) 133.59 ± 0.31
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

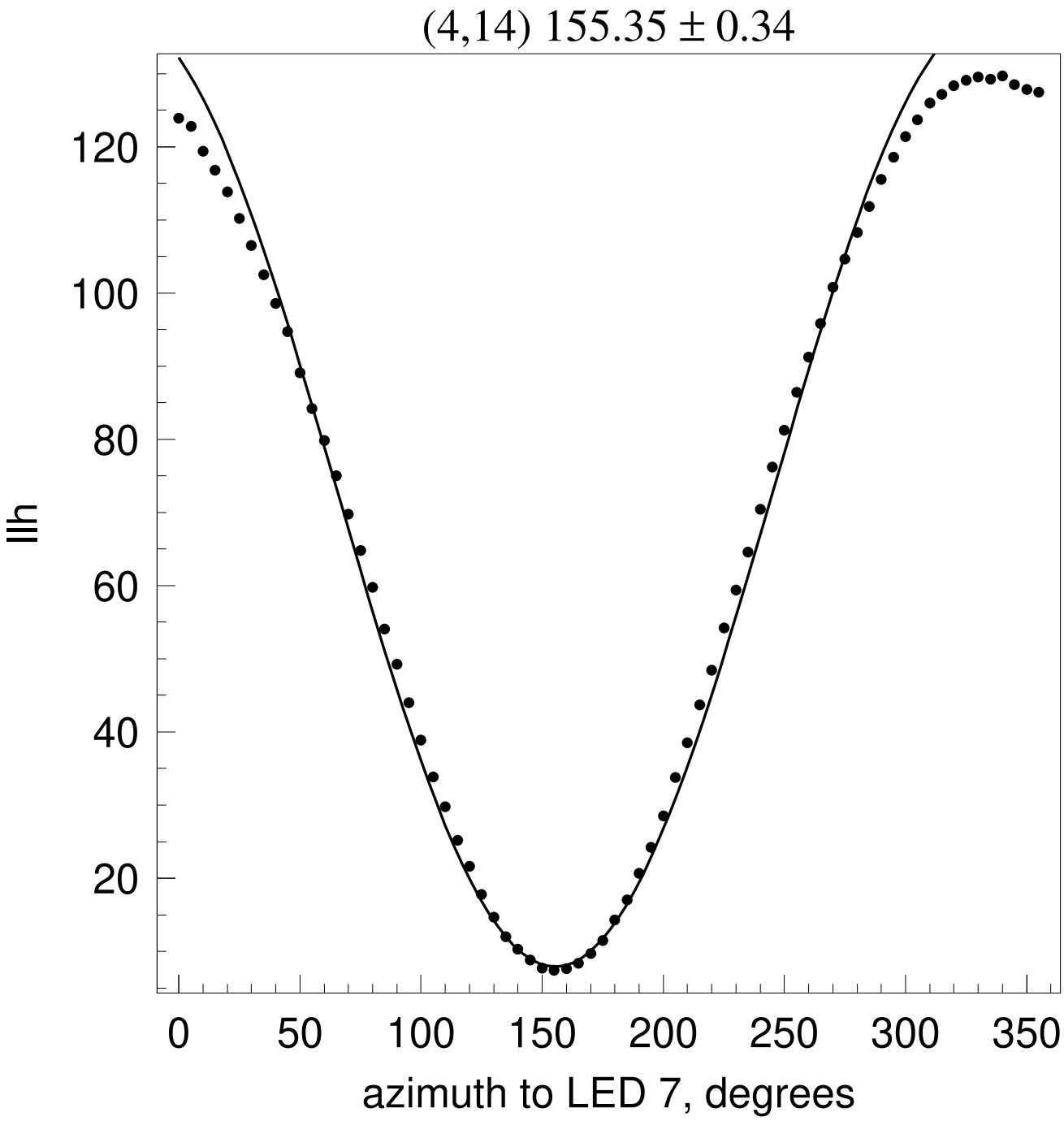

(4,9) 200.08 ± 0.27
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

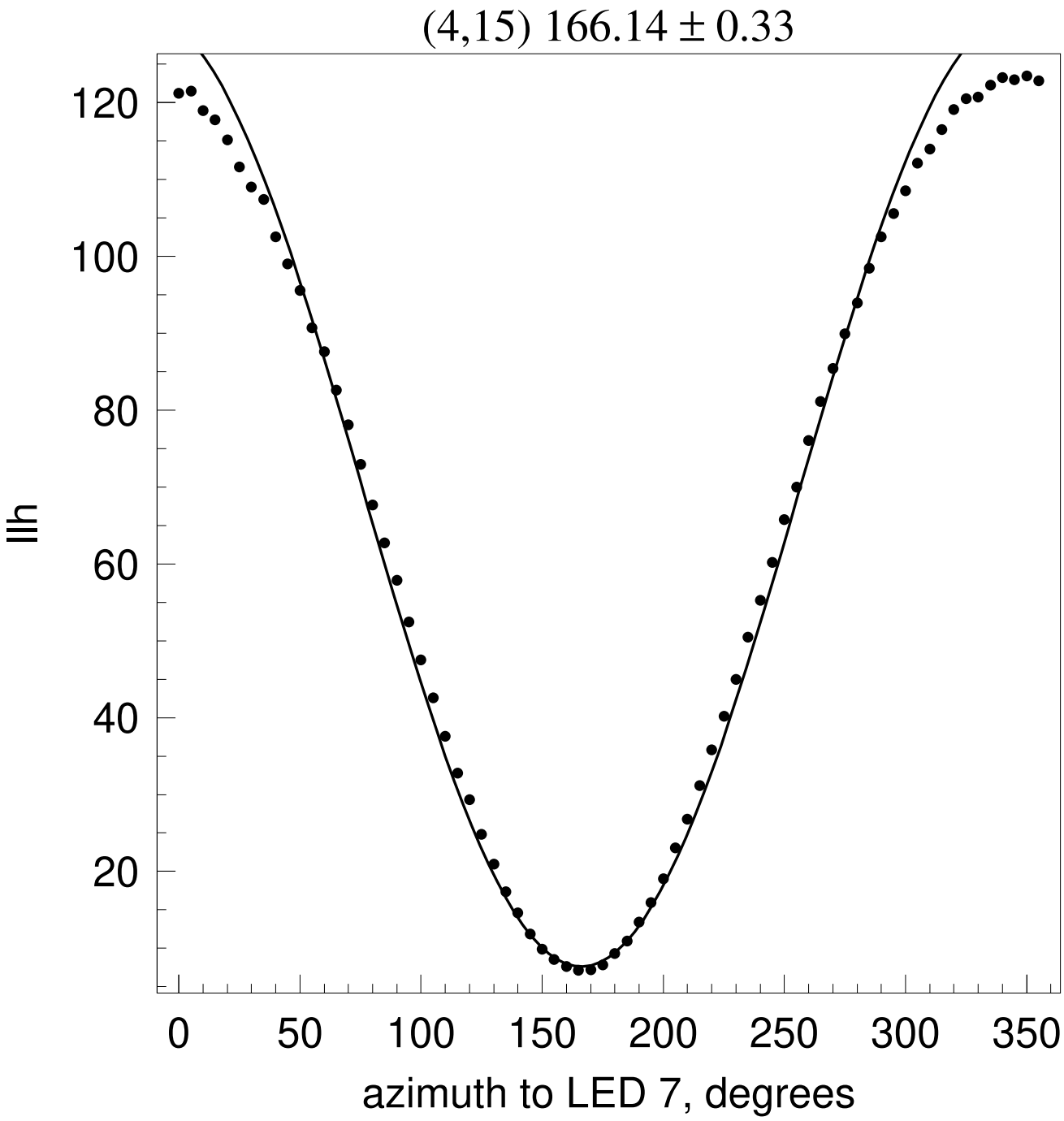

(4,10) 84.49 ± 0.25
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

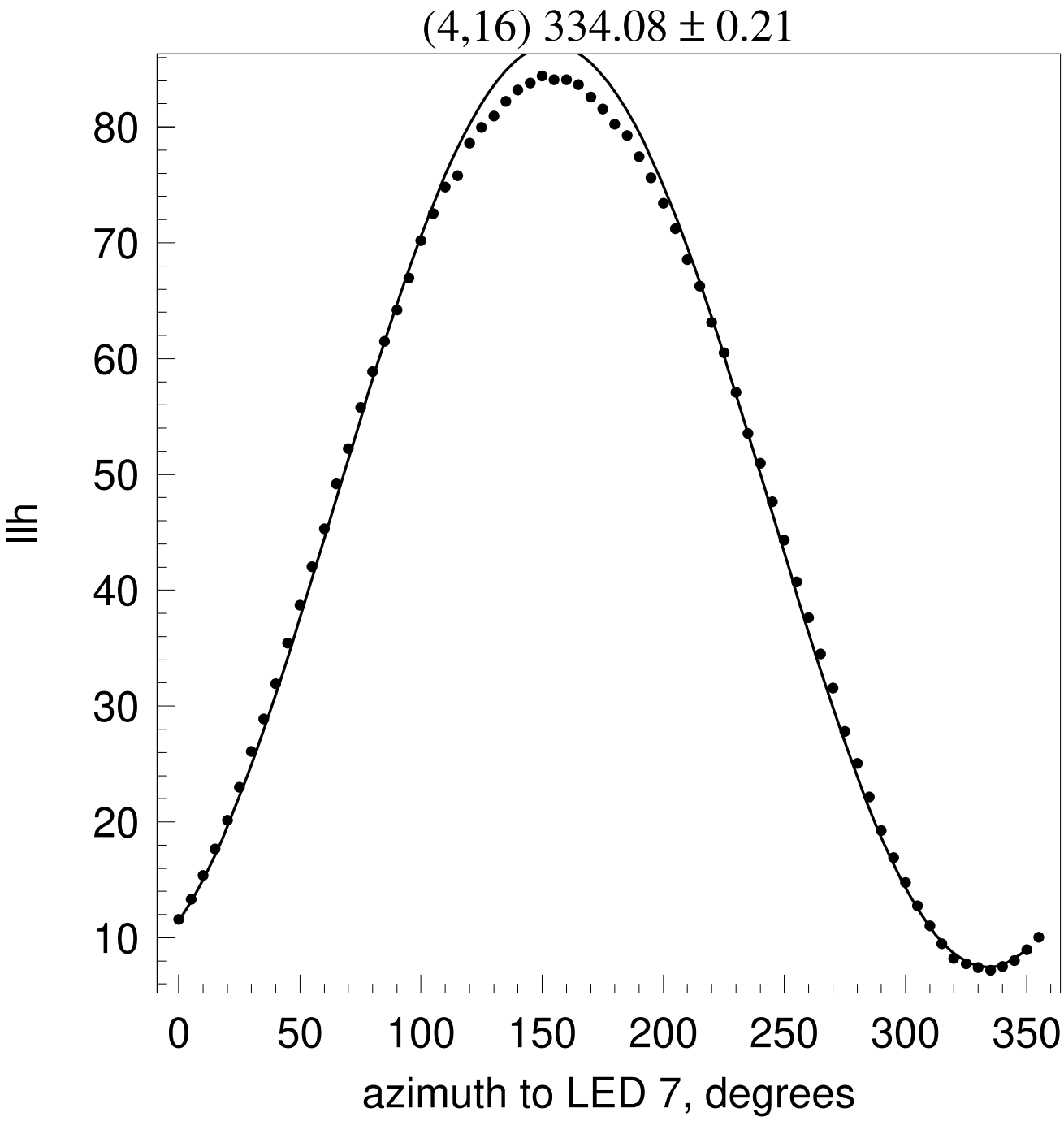

(4,11) 45.51 ± 0.21
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

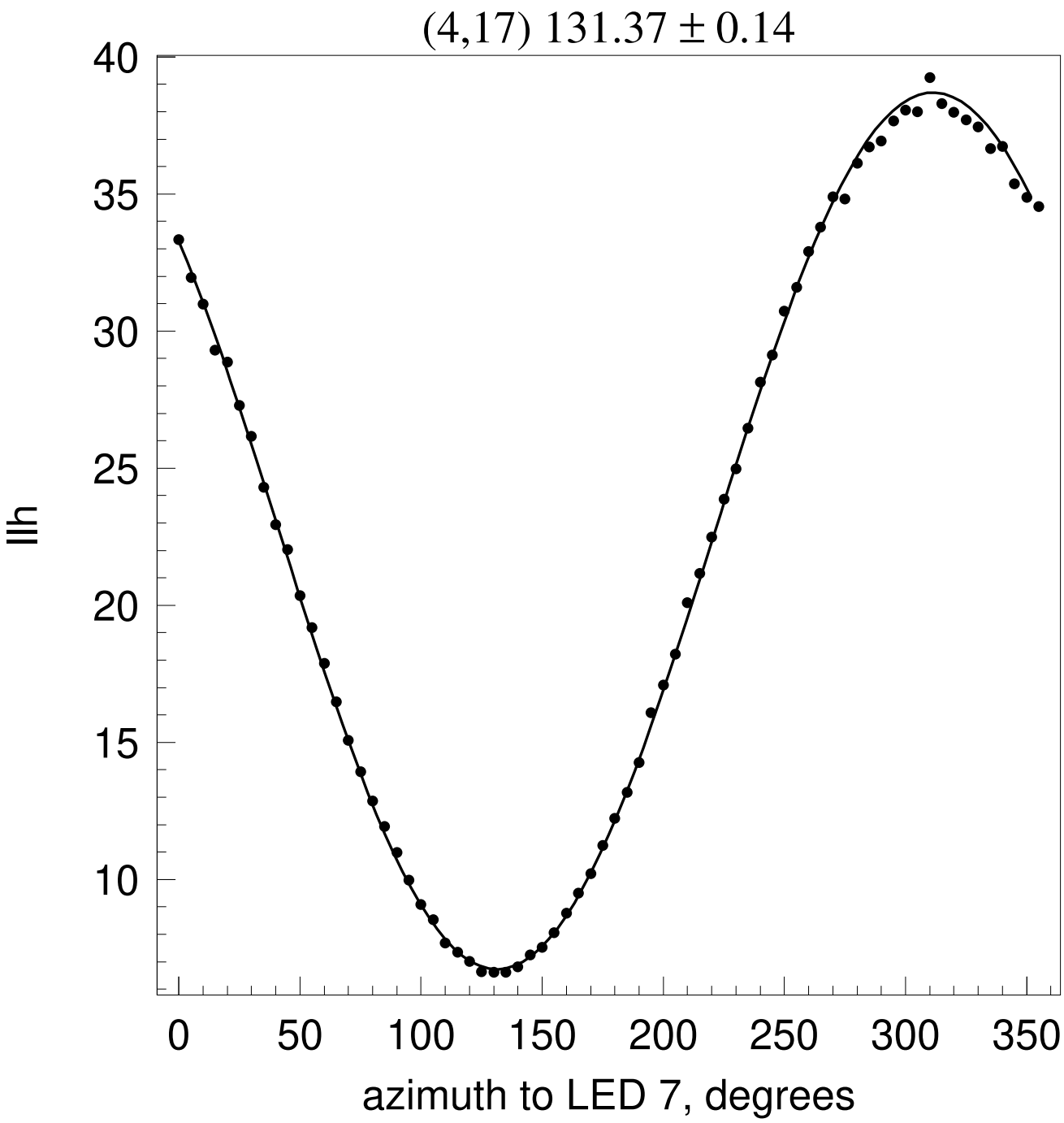

(4,12) 47.26 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

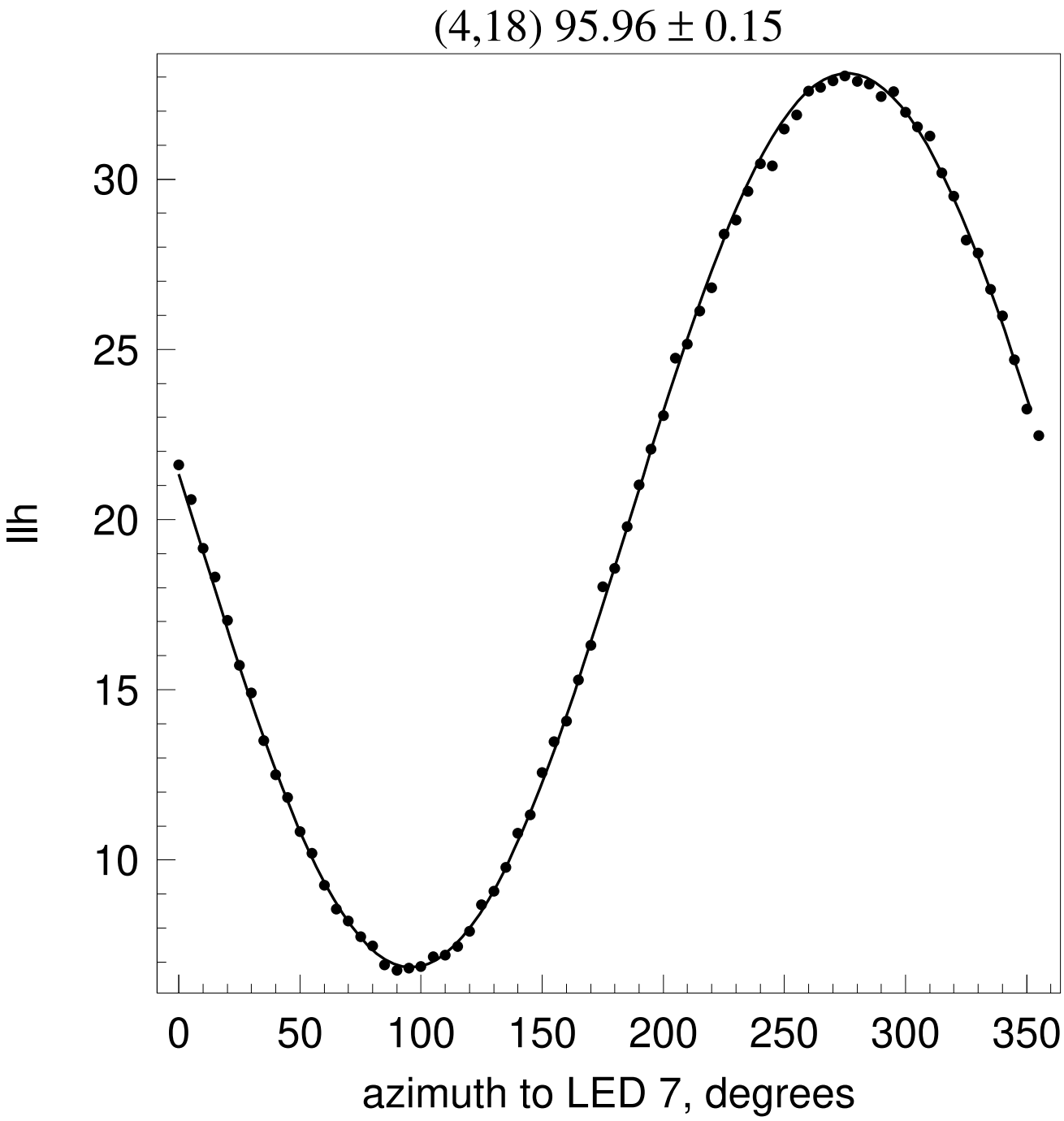

(4,13) 172.03 ± 0.25
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

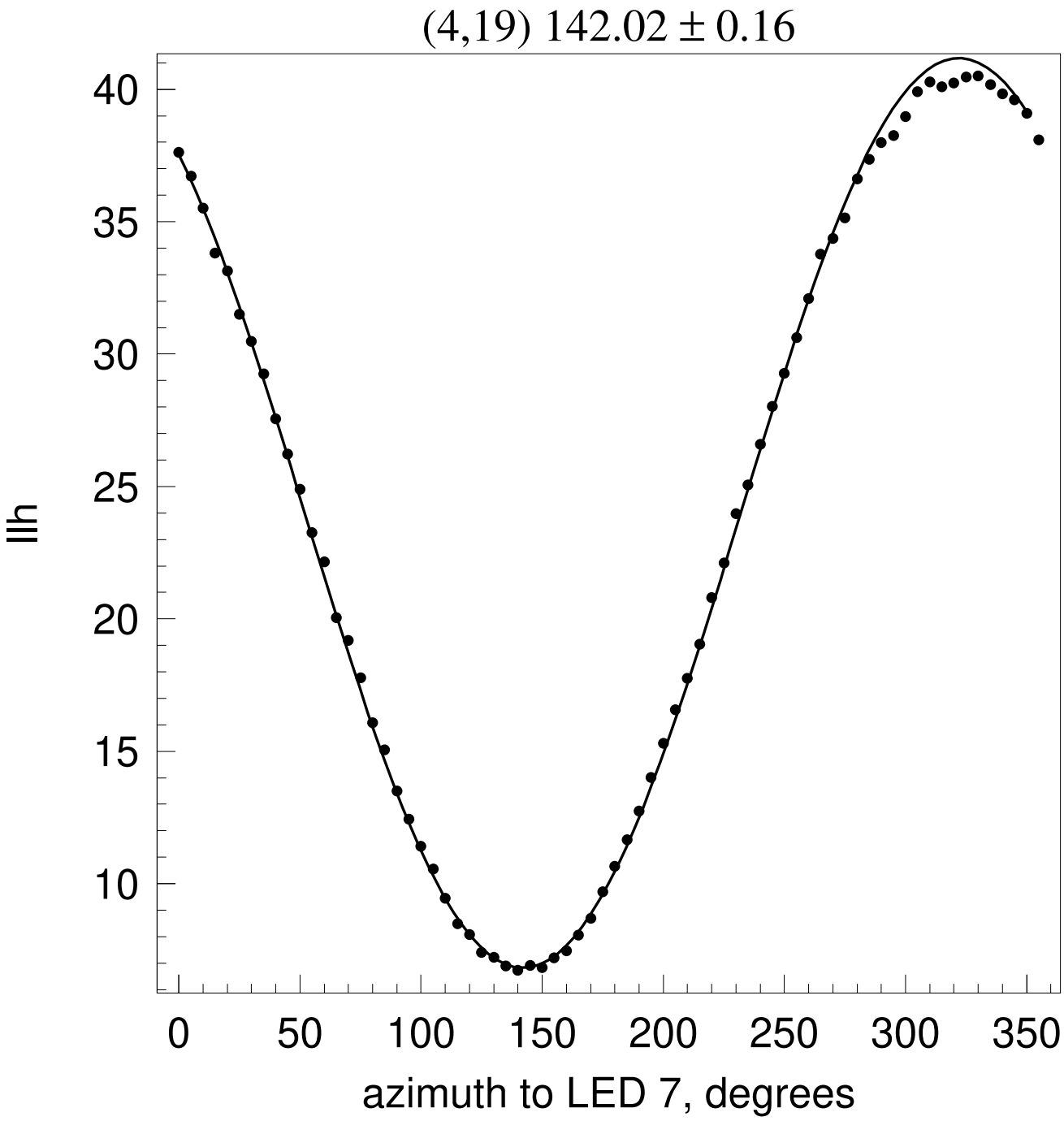

(4,14) 155.35 ± 0.34
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

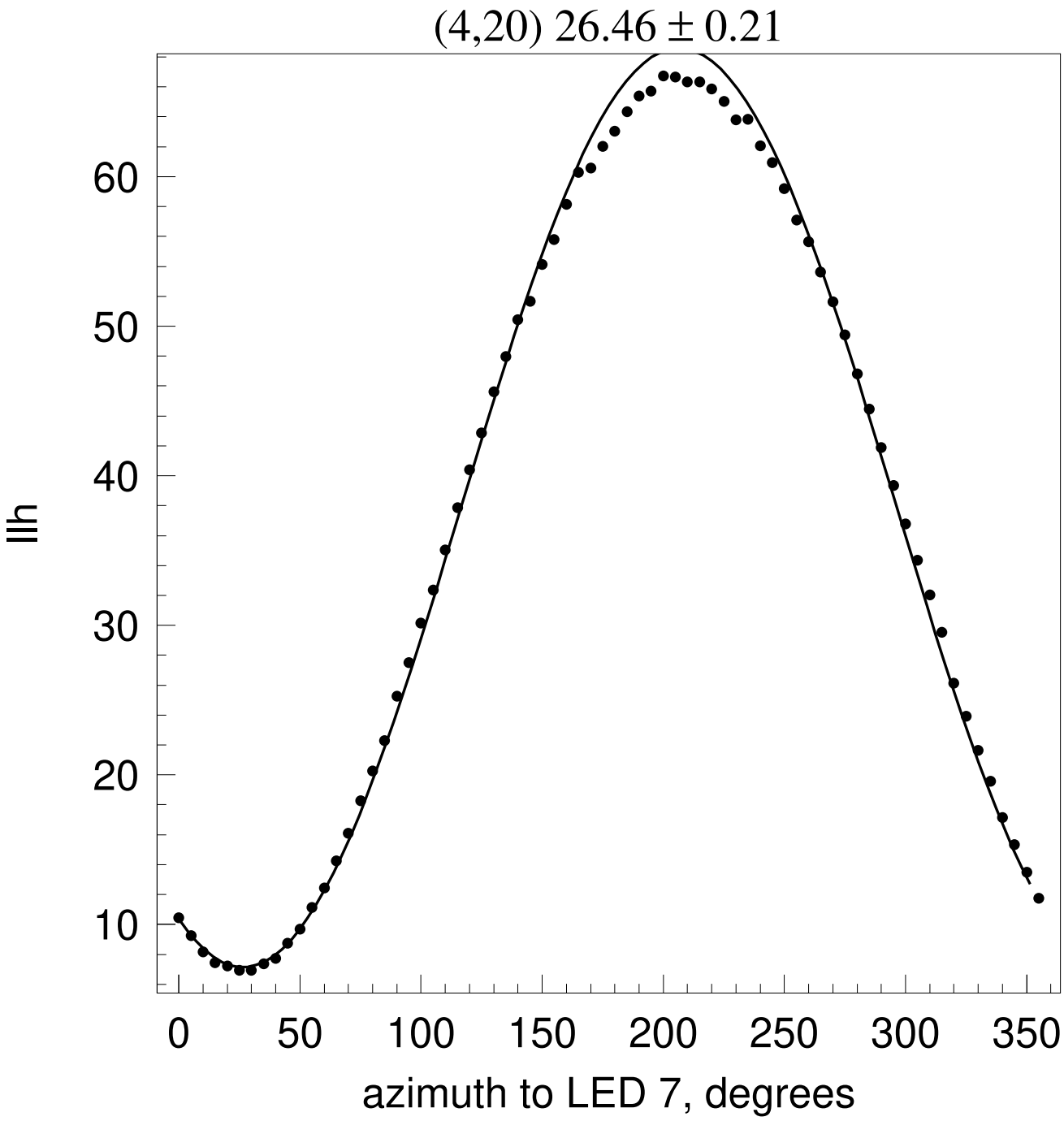

(4,15) 166.14 ± 0.33
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

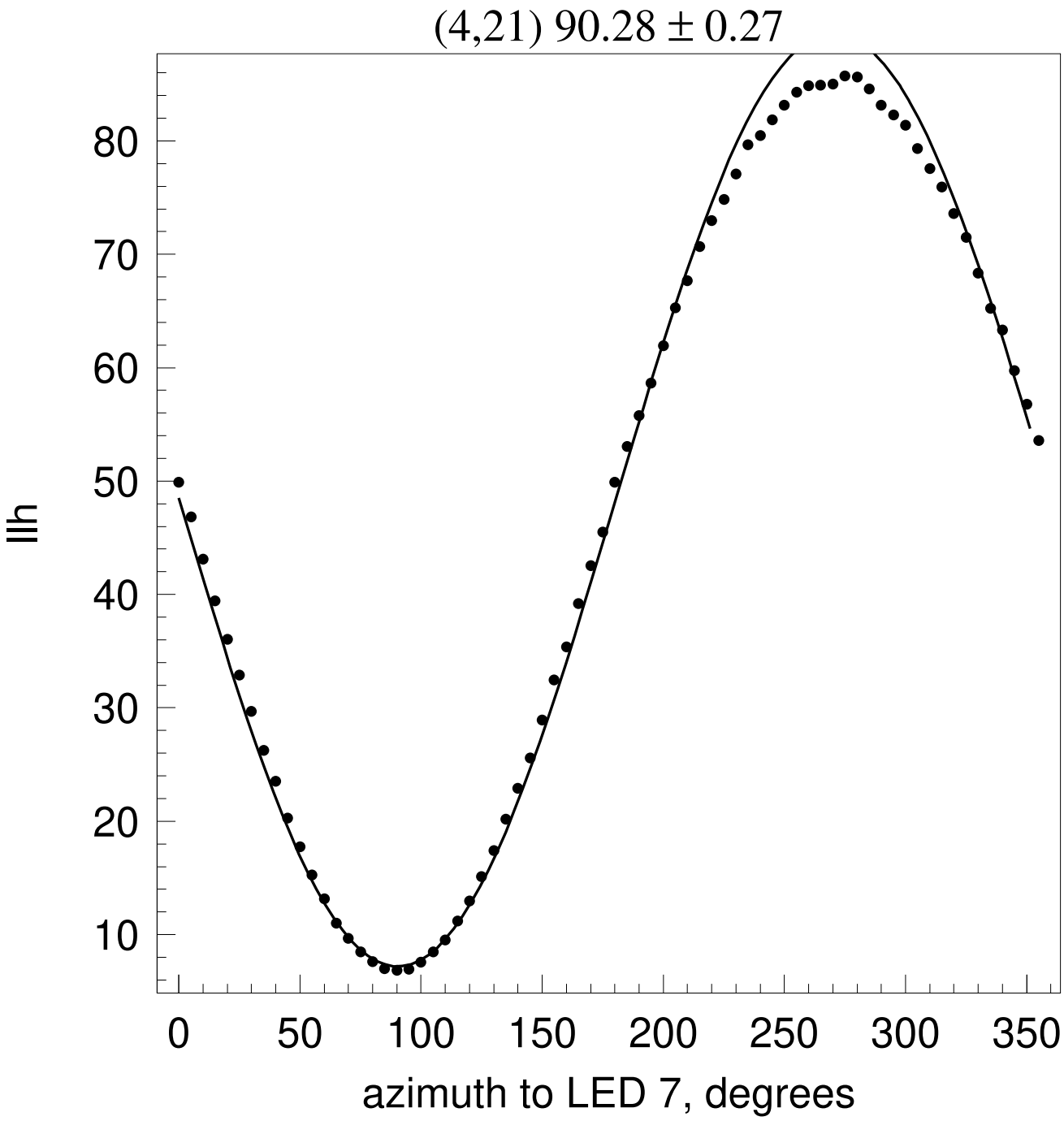

(4,16) 334.08 ± 0.21
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

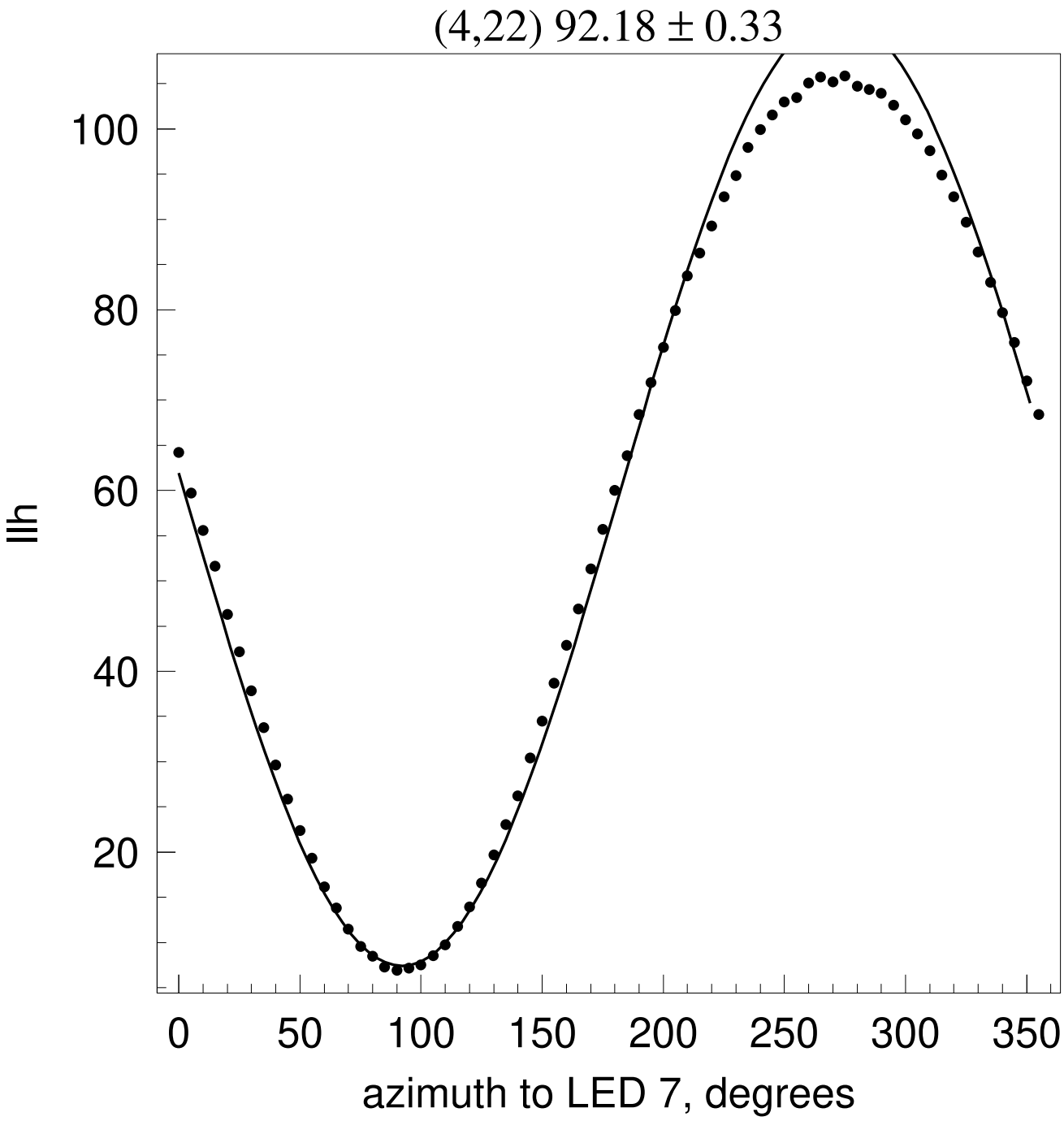

(4,17) 131.37 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

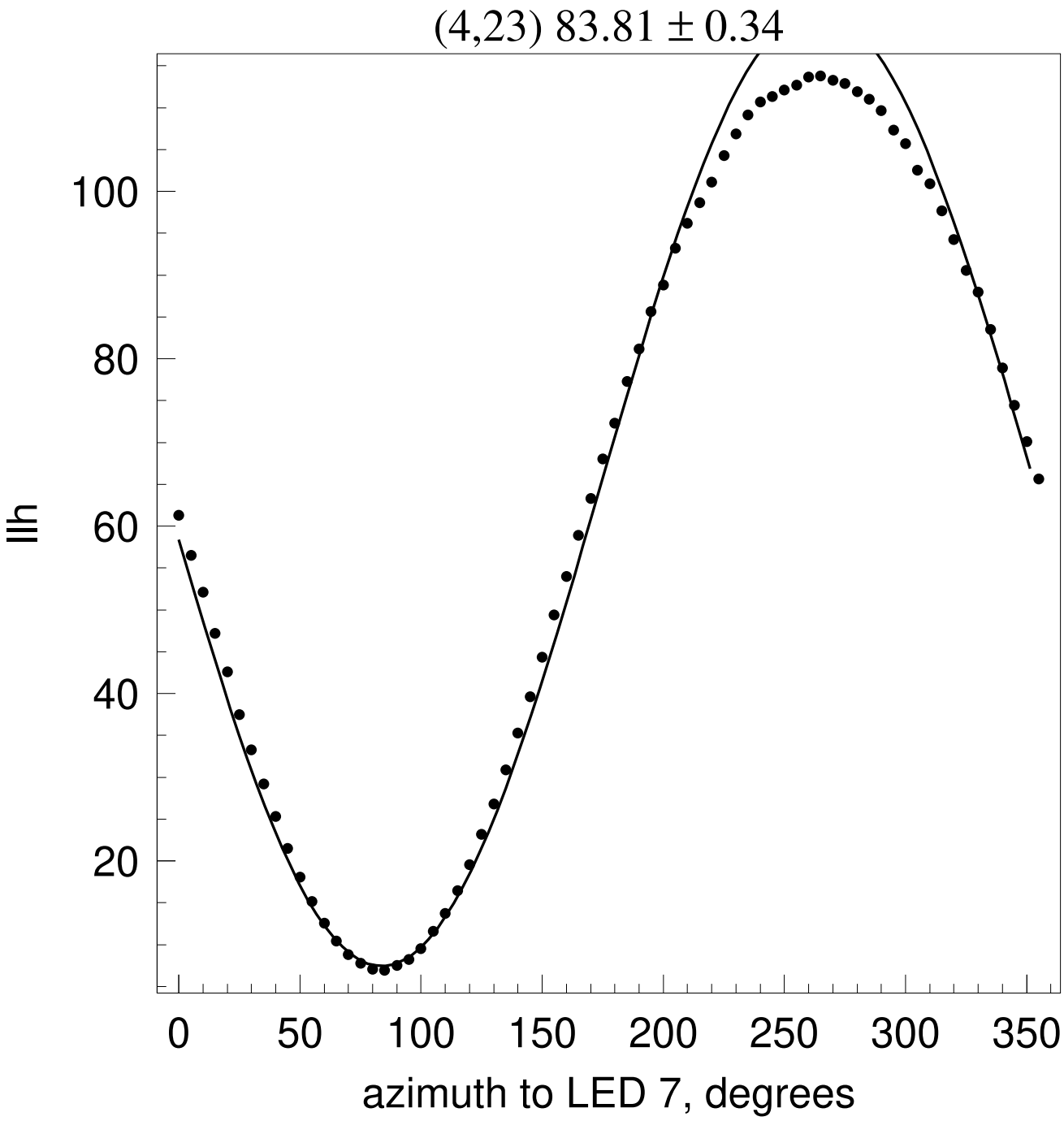

(4,18) 95.96 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

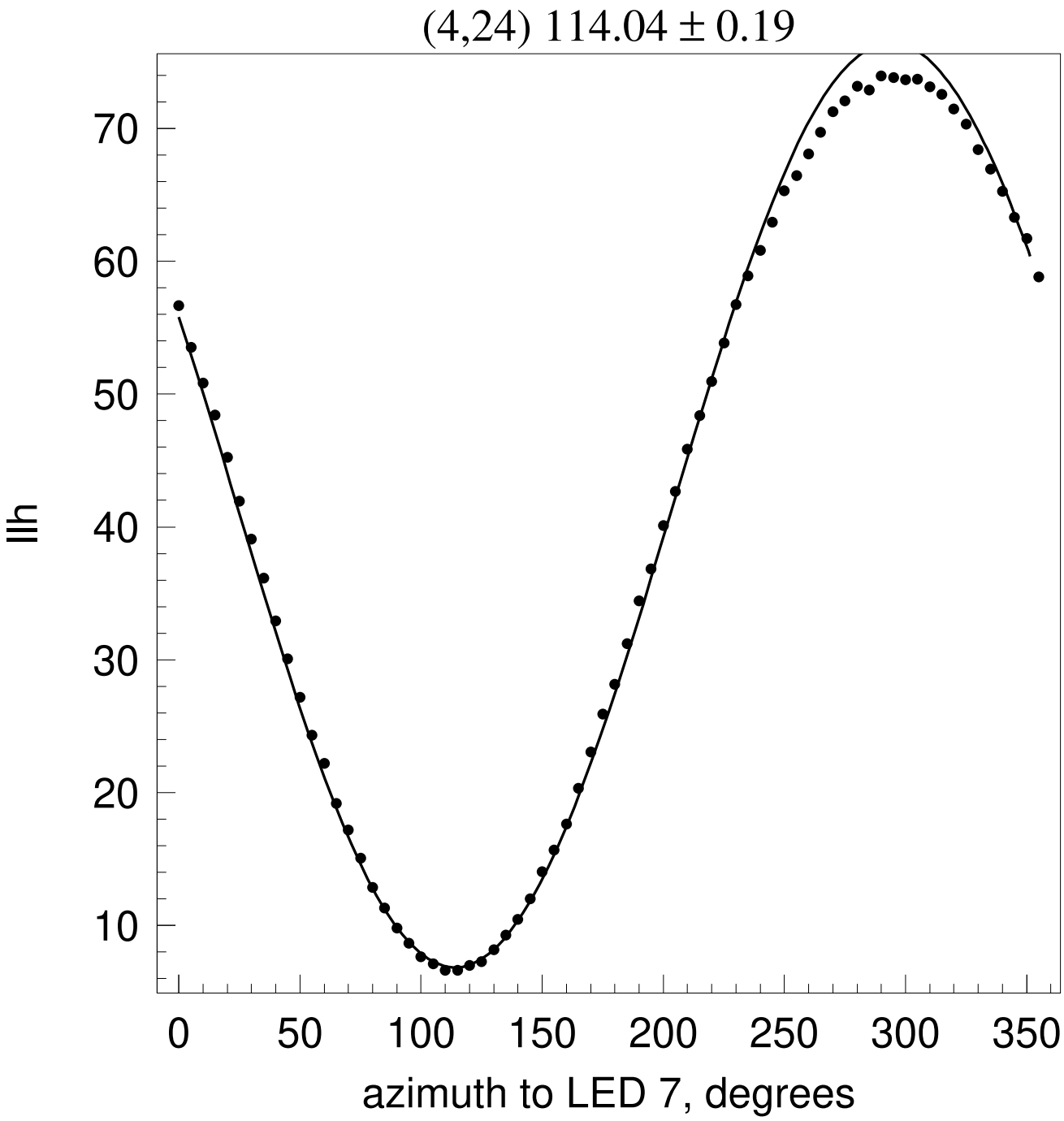

(4,19) 142.02 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

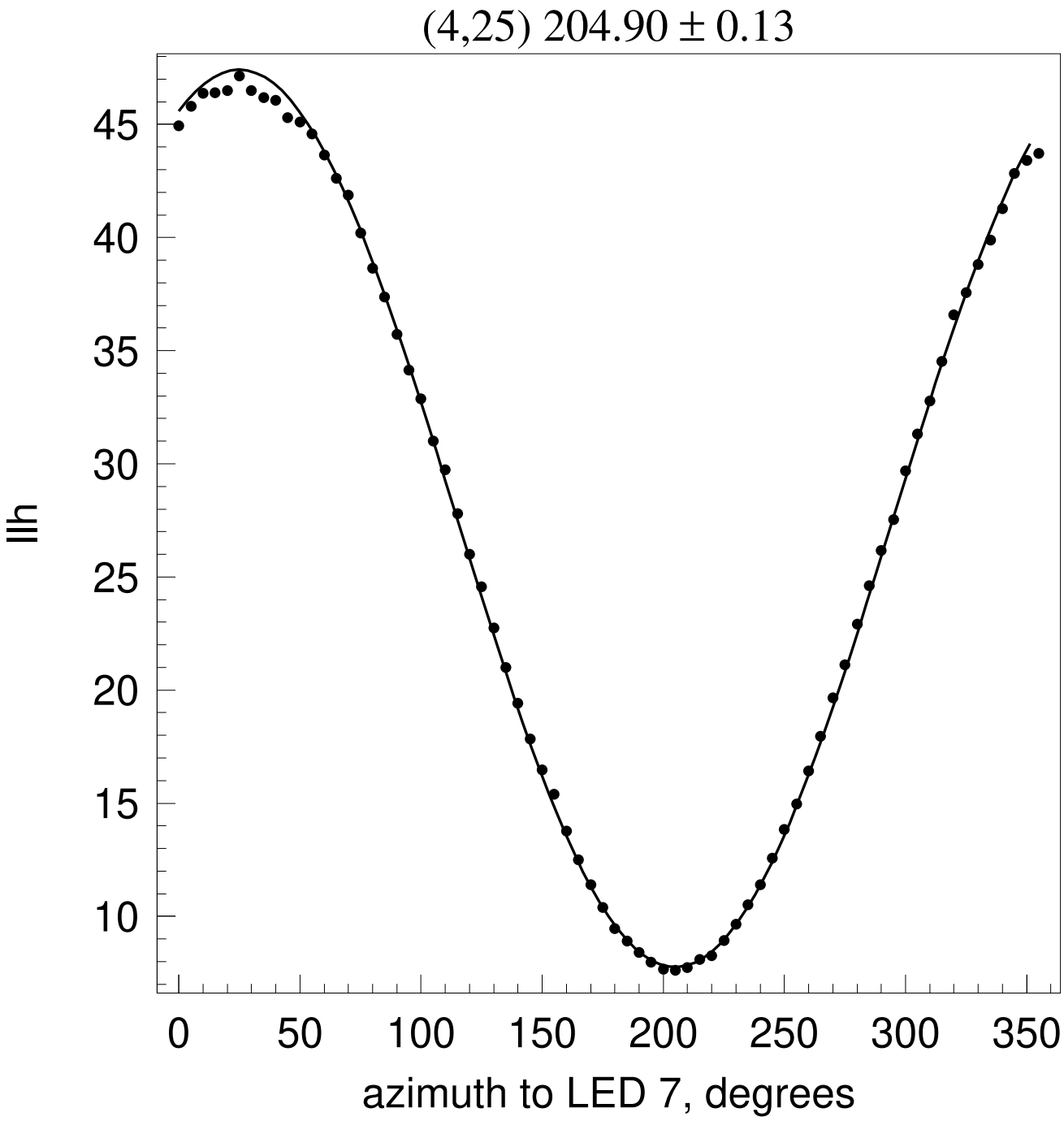

(4,20) 26.46 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

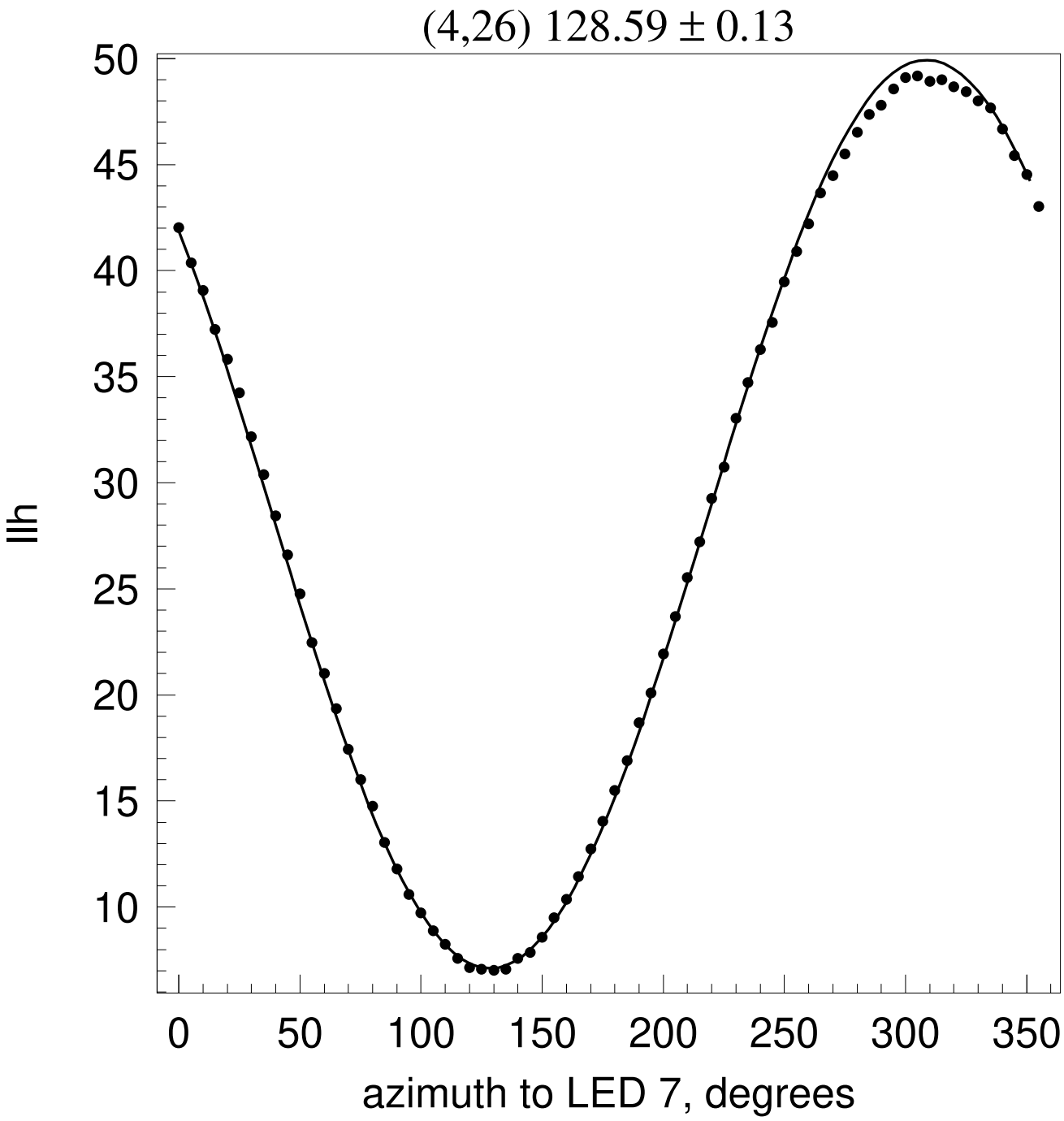

(4,21) 90.28 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

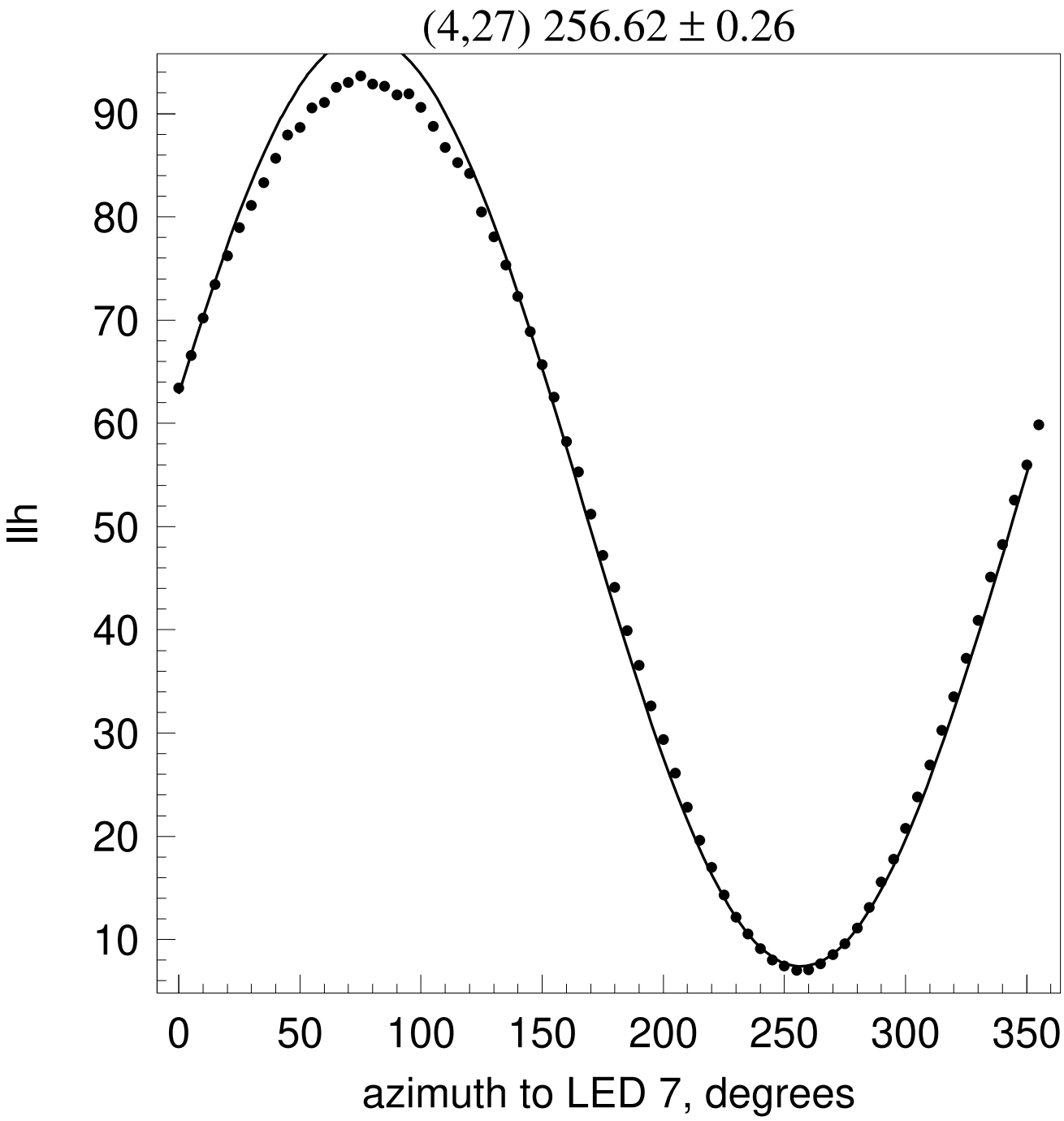

(4,22) 92.18 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

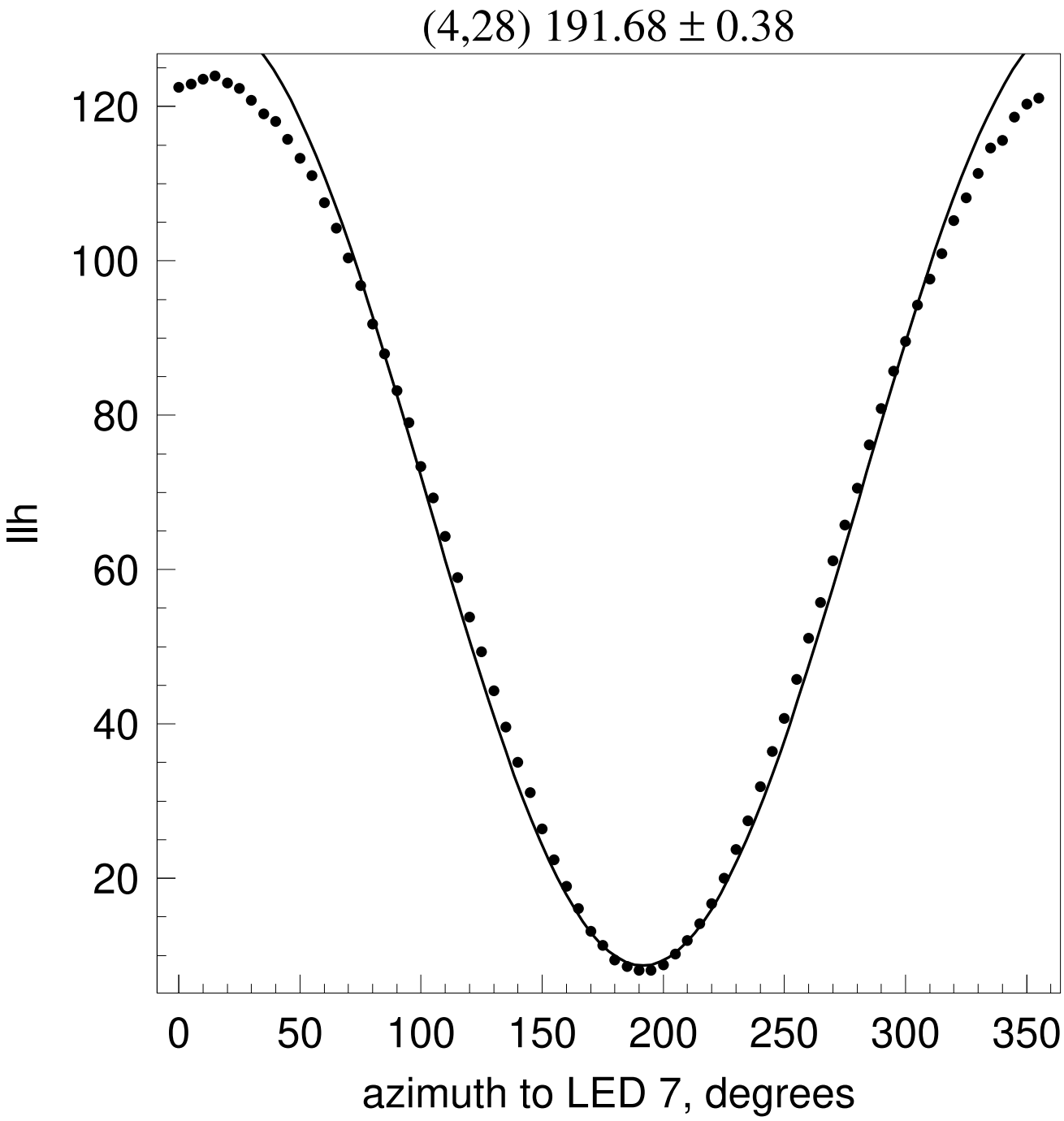

(4,23) 83.81 ± 0.34
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

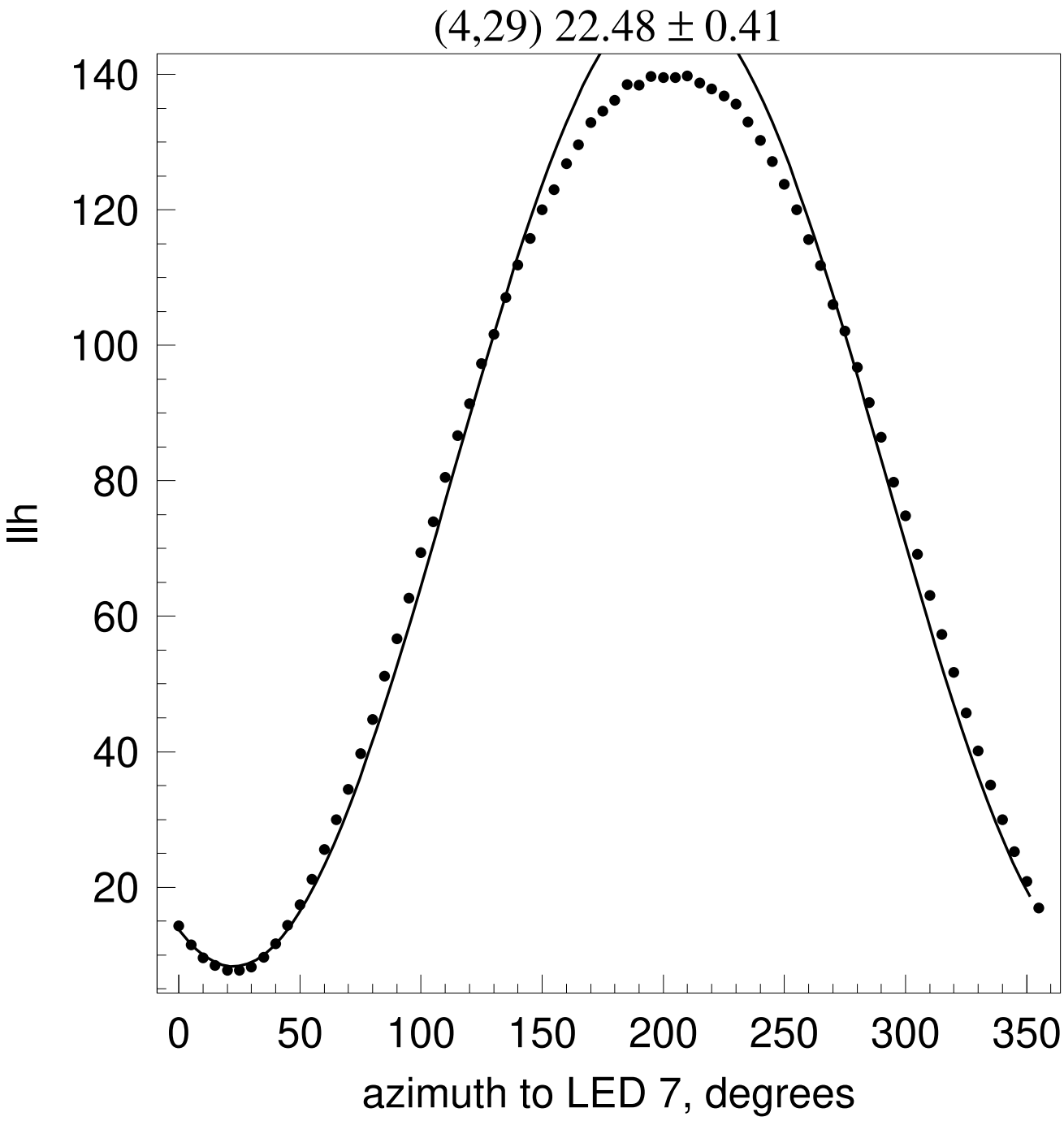

(4,24) 114.04 ± 0.19
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

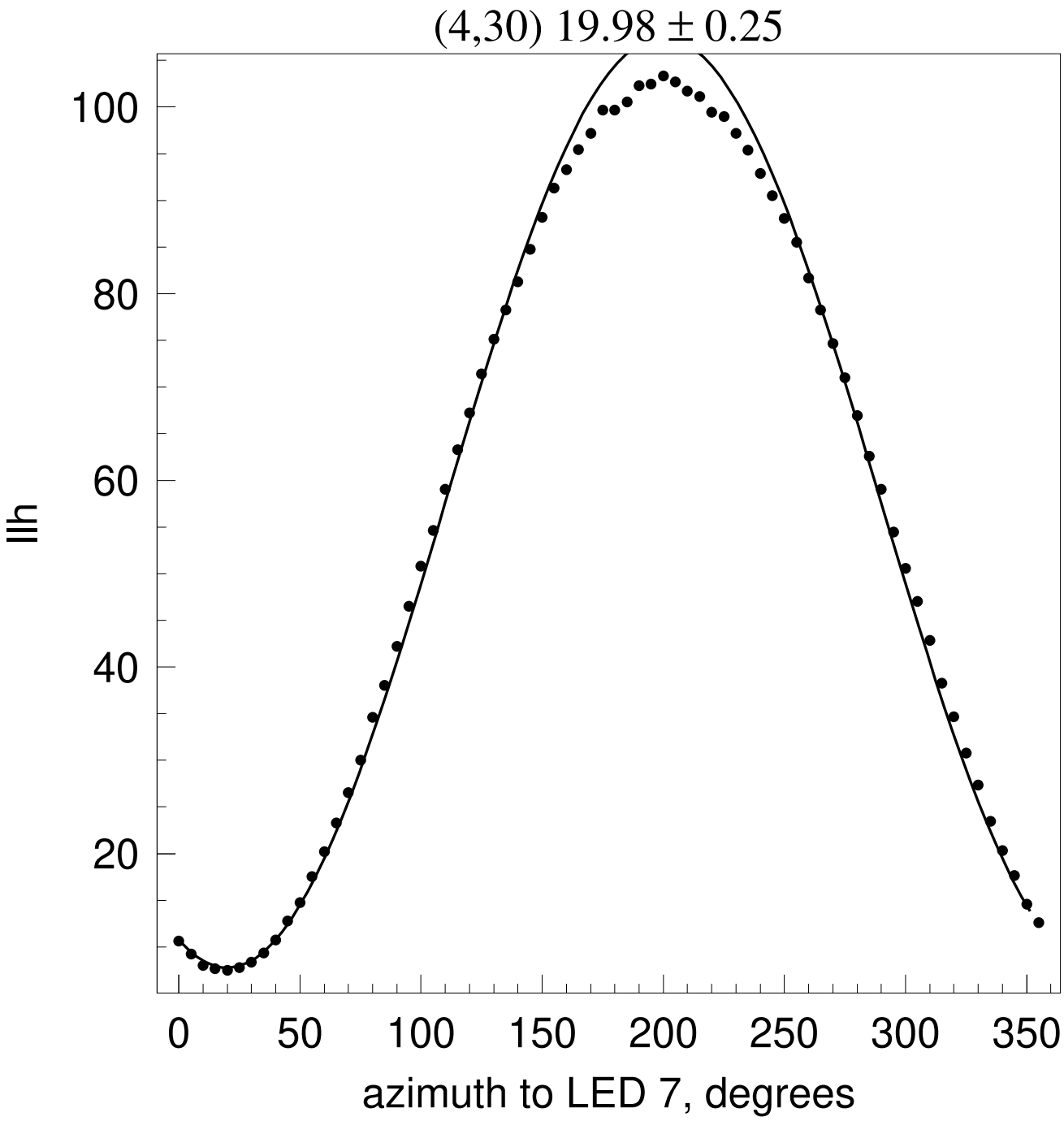

(4,25) 204.90 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

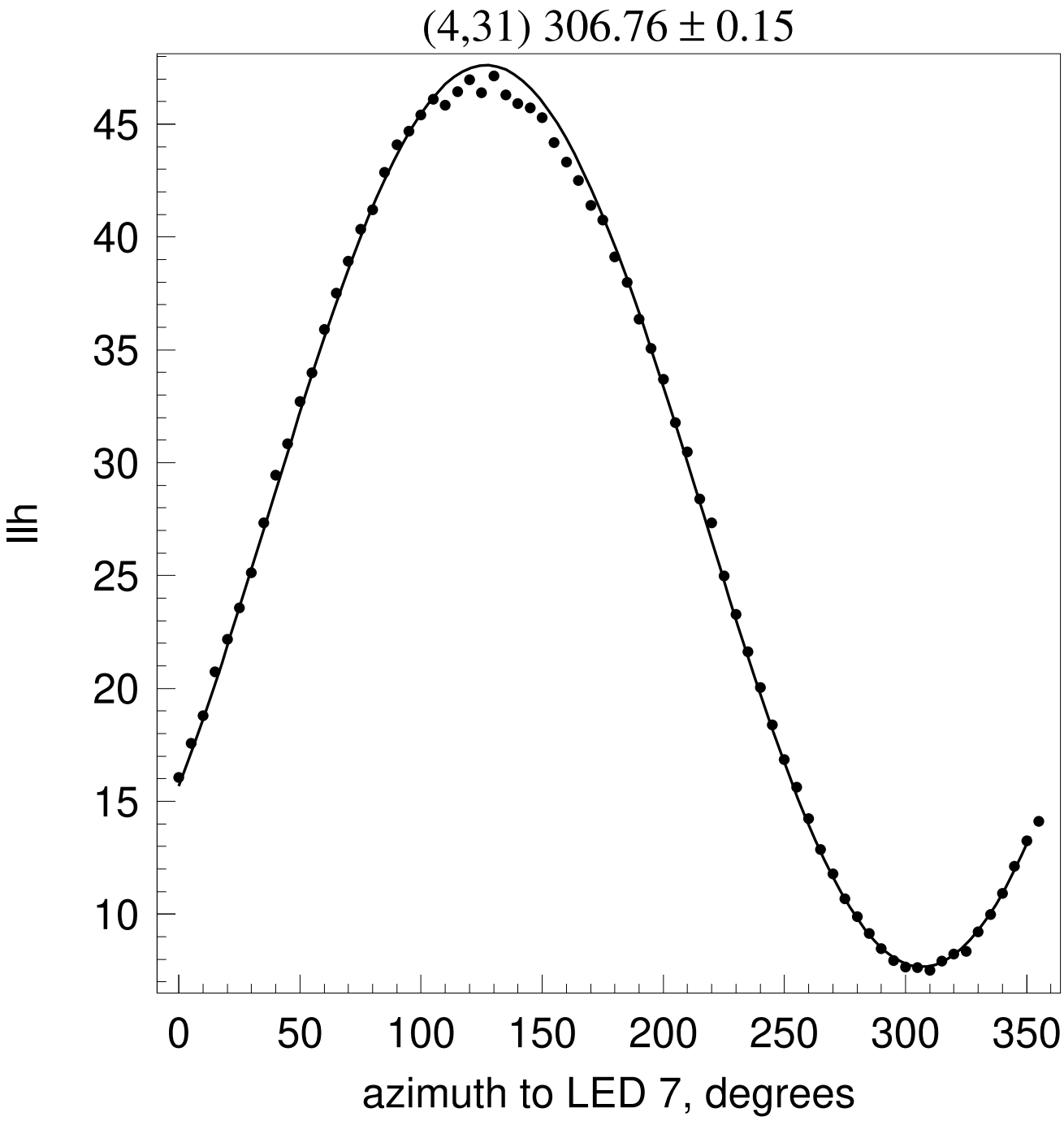

(4,26) 128.59 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

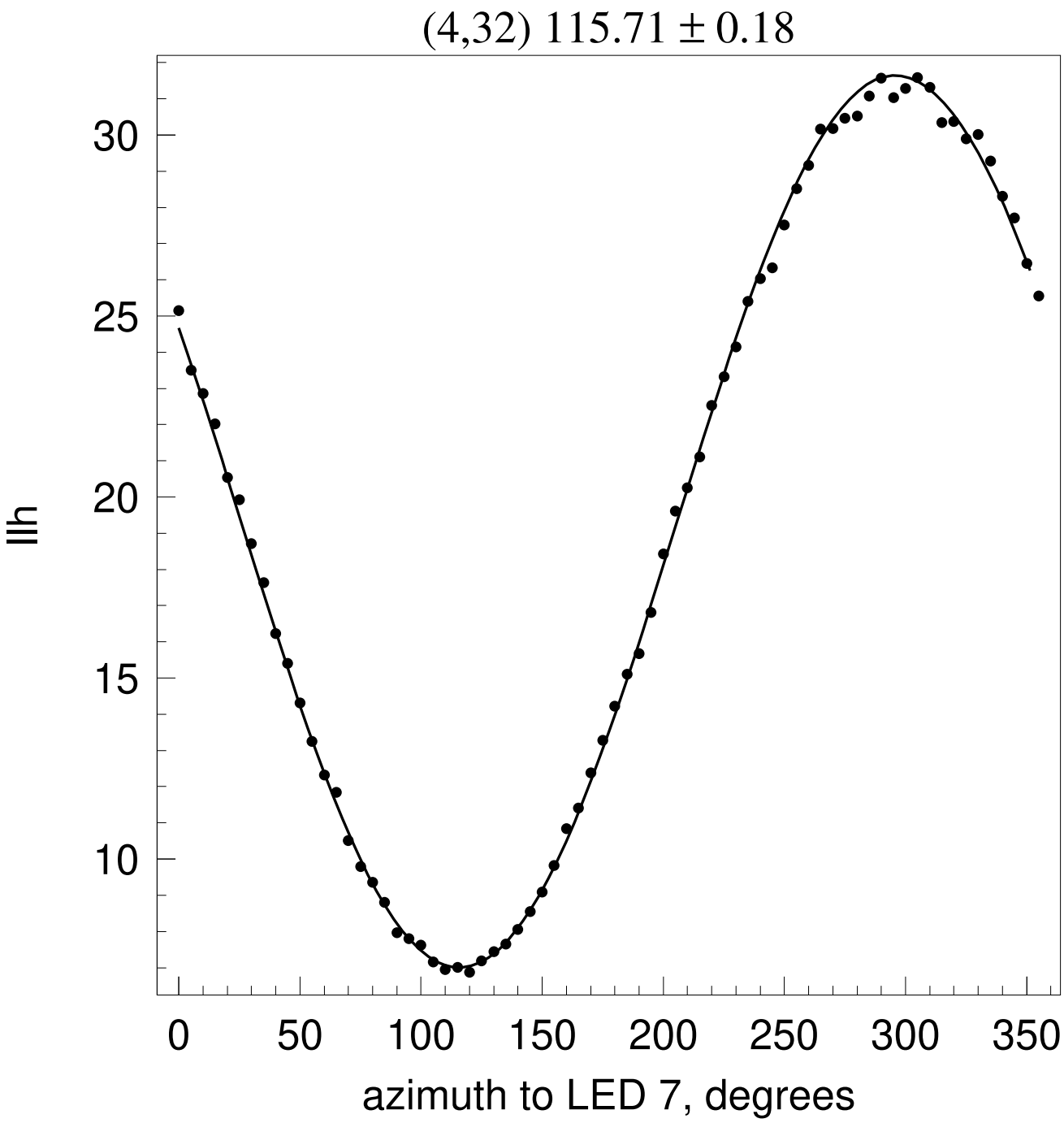

(4,27) 256.62 ± 0.26
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

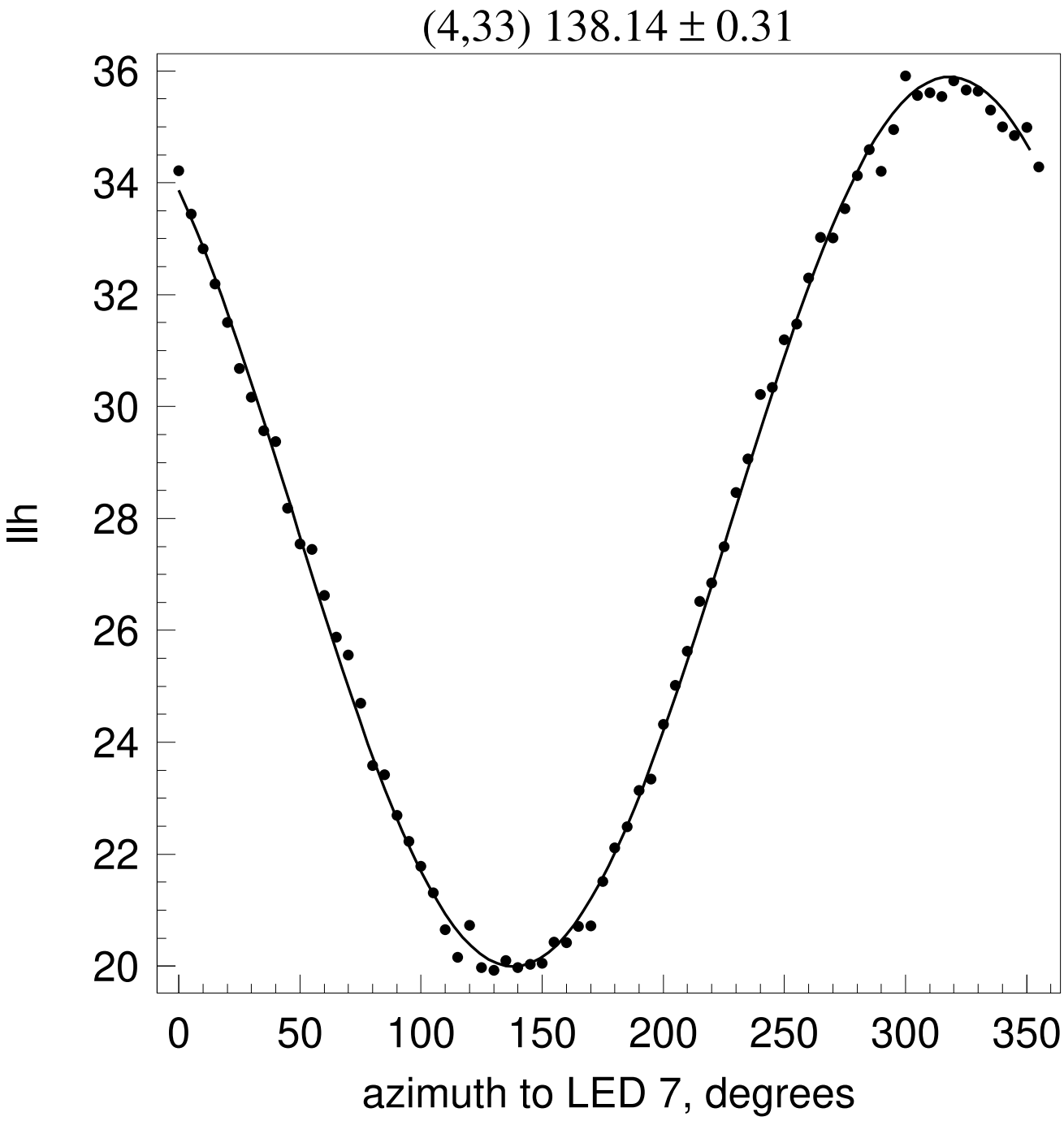

(4,28) 191.68 ± 0.38
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

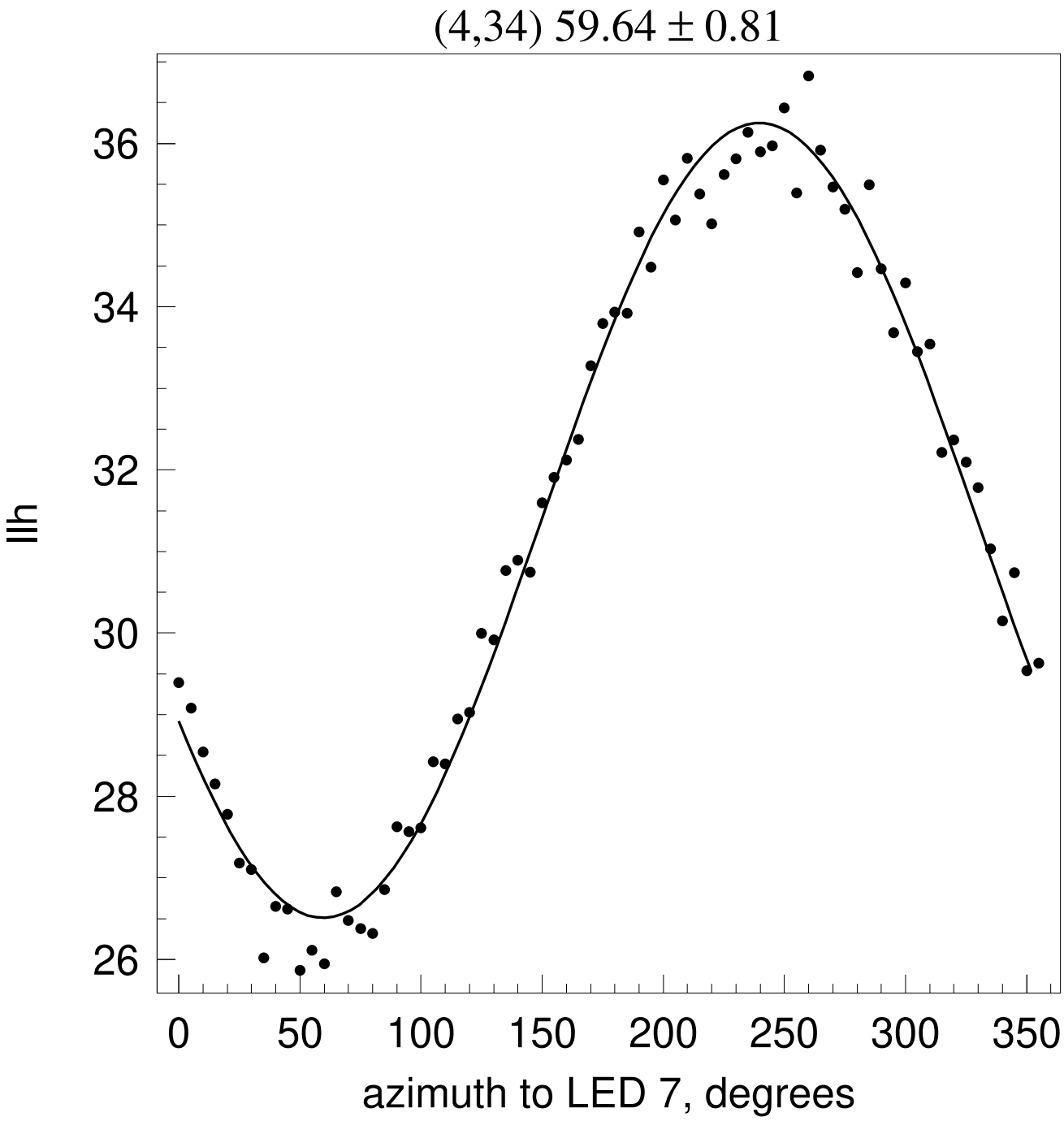

(4,29) 22.48 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

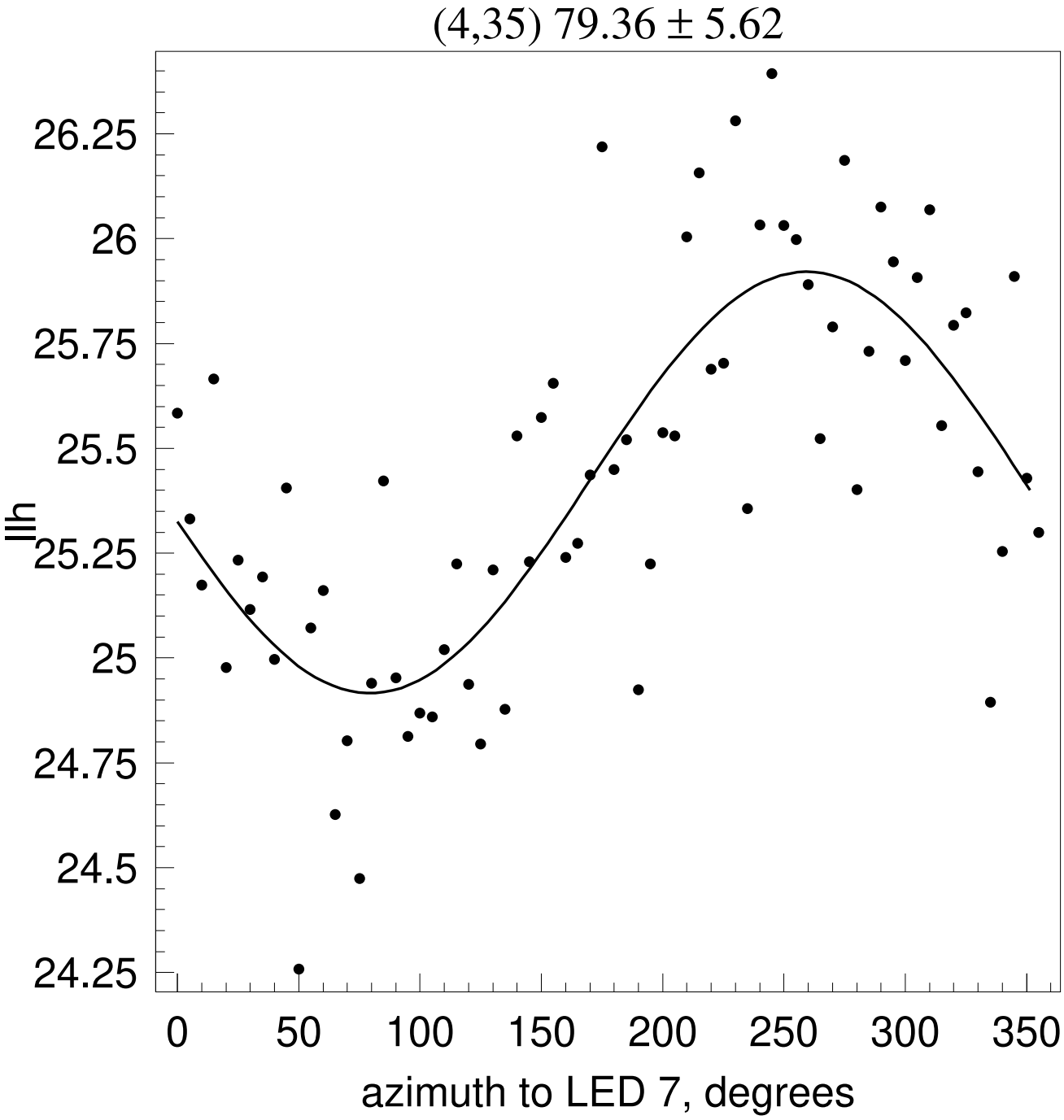

(4,30) 19.98 ± 0.25
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

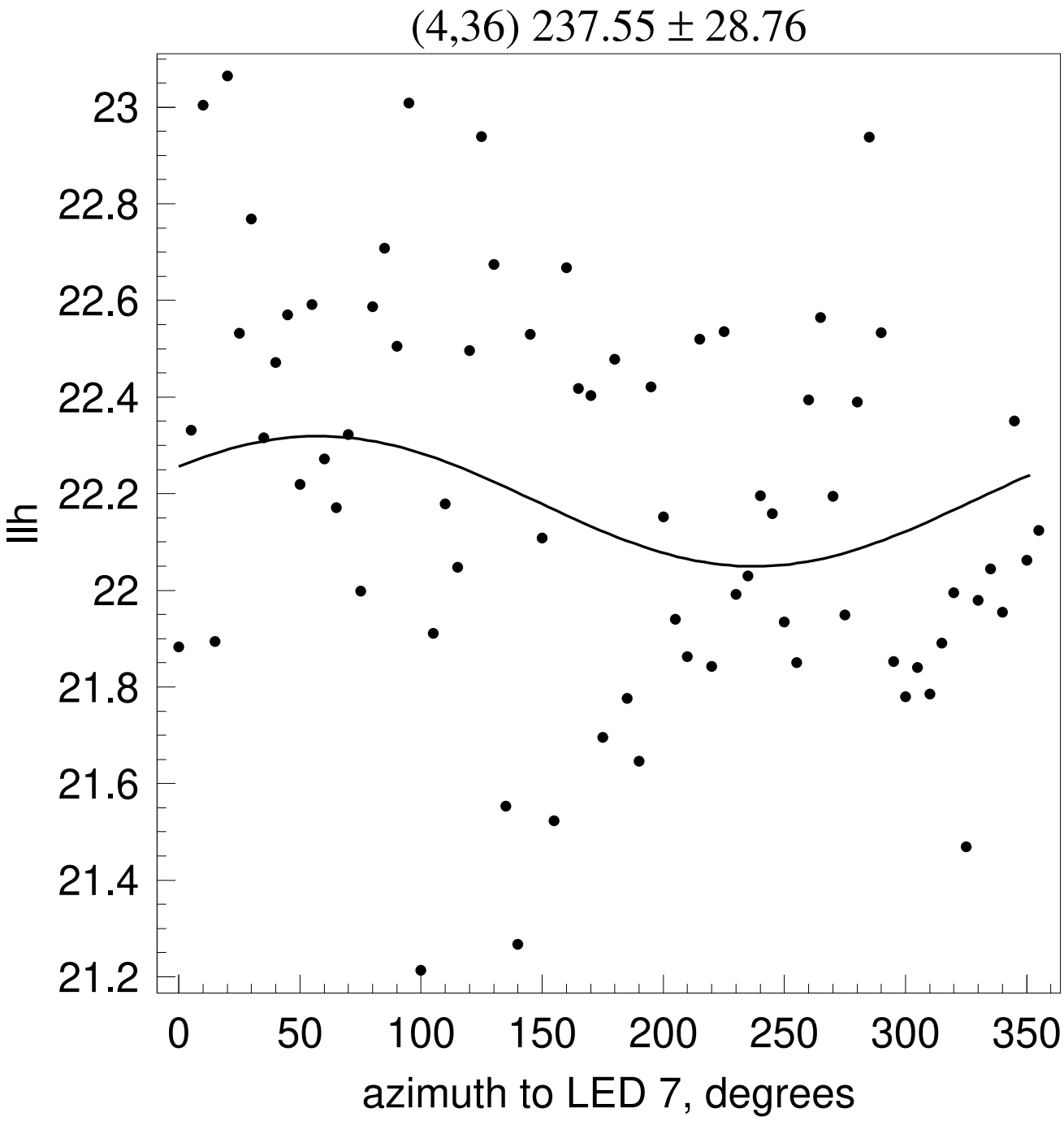

(4,31) 306.76 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

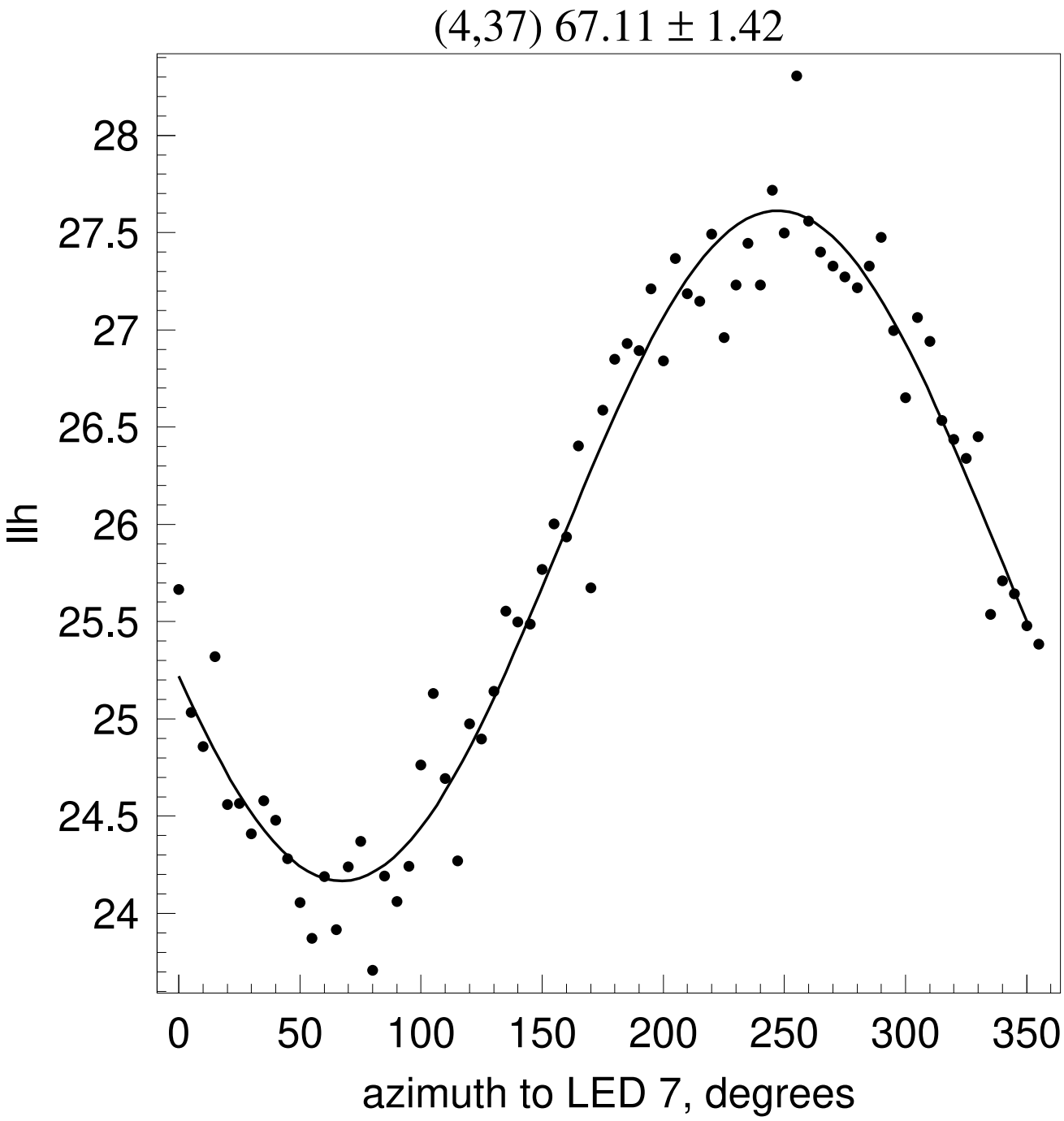

(4,32) 115.71 ± 0.18
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

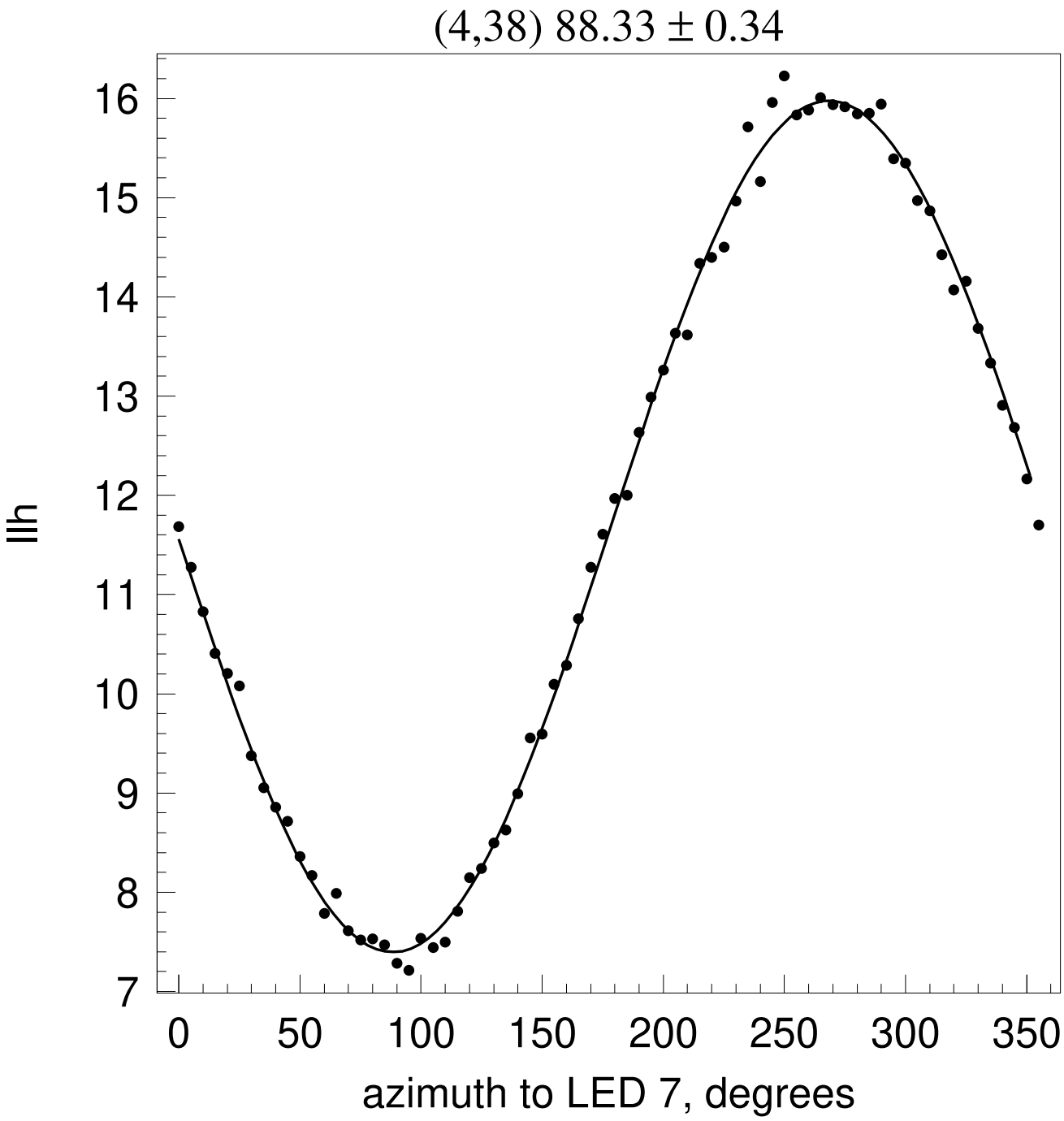

(4,33) 138.14 ± 0.31
36
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

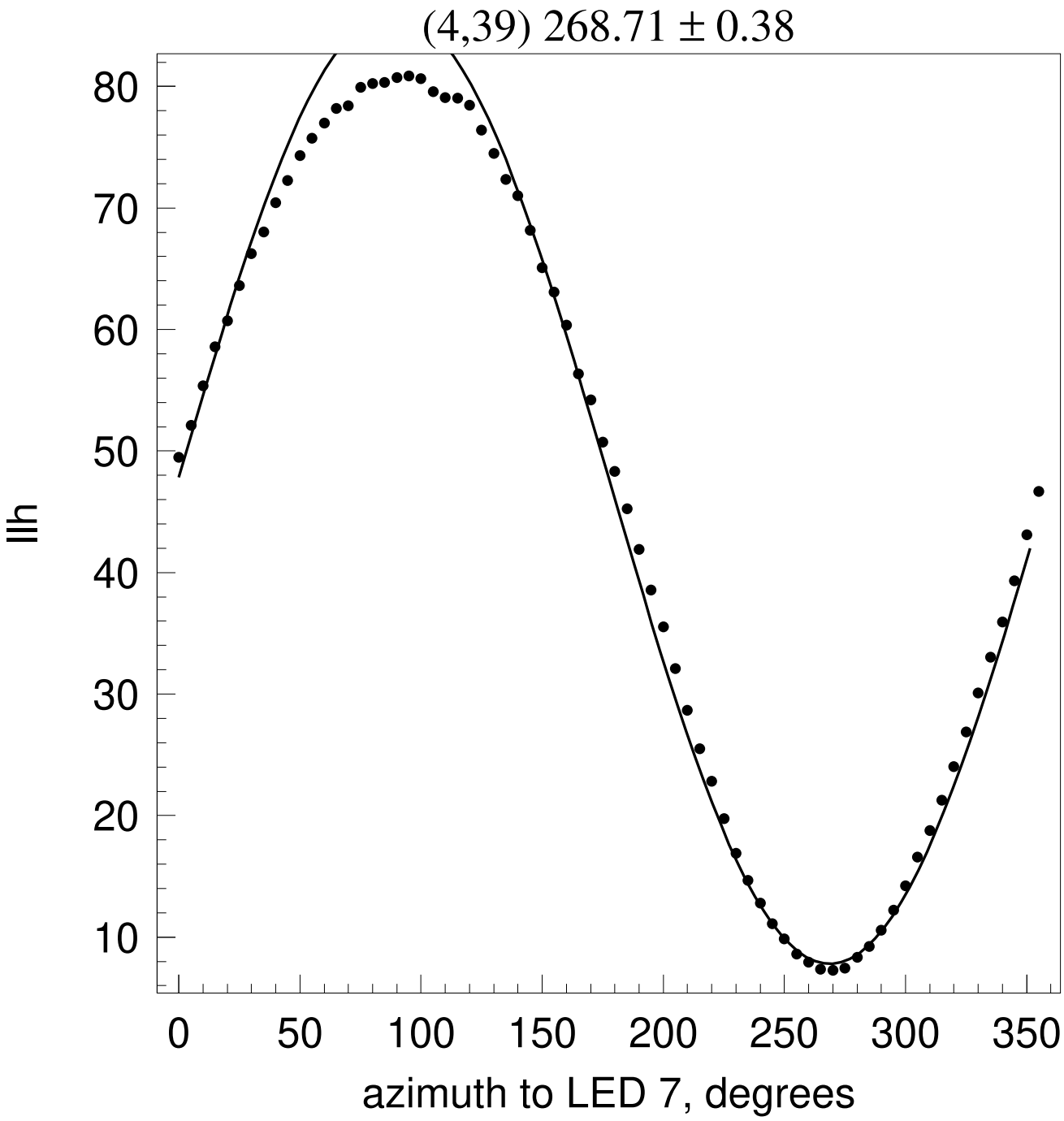

(4,34) 59.64 ± 0.81
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

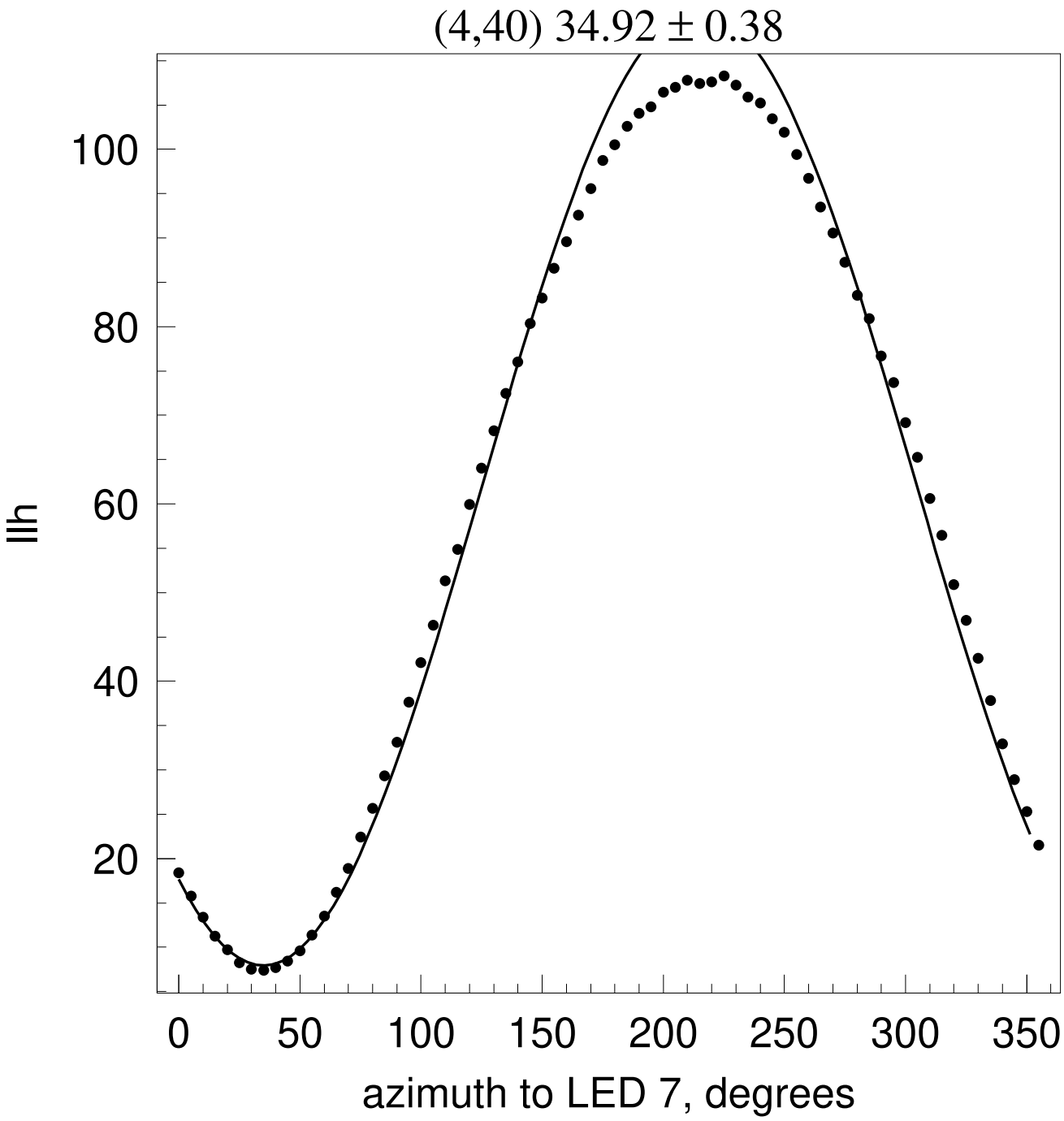

(4,35) 79.36 ± 5.62
26.25
26
25.75
25.5
25.25
25
24.75
24.5
24.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

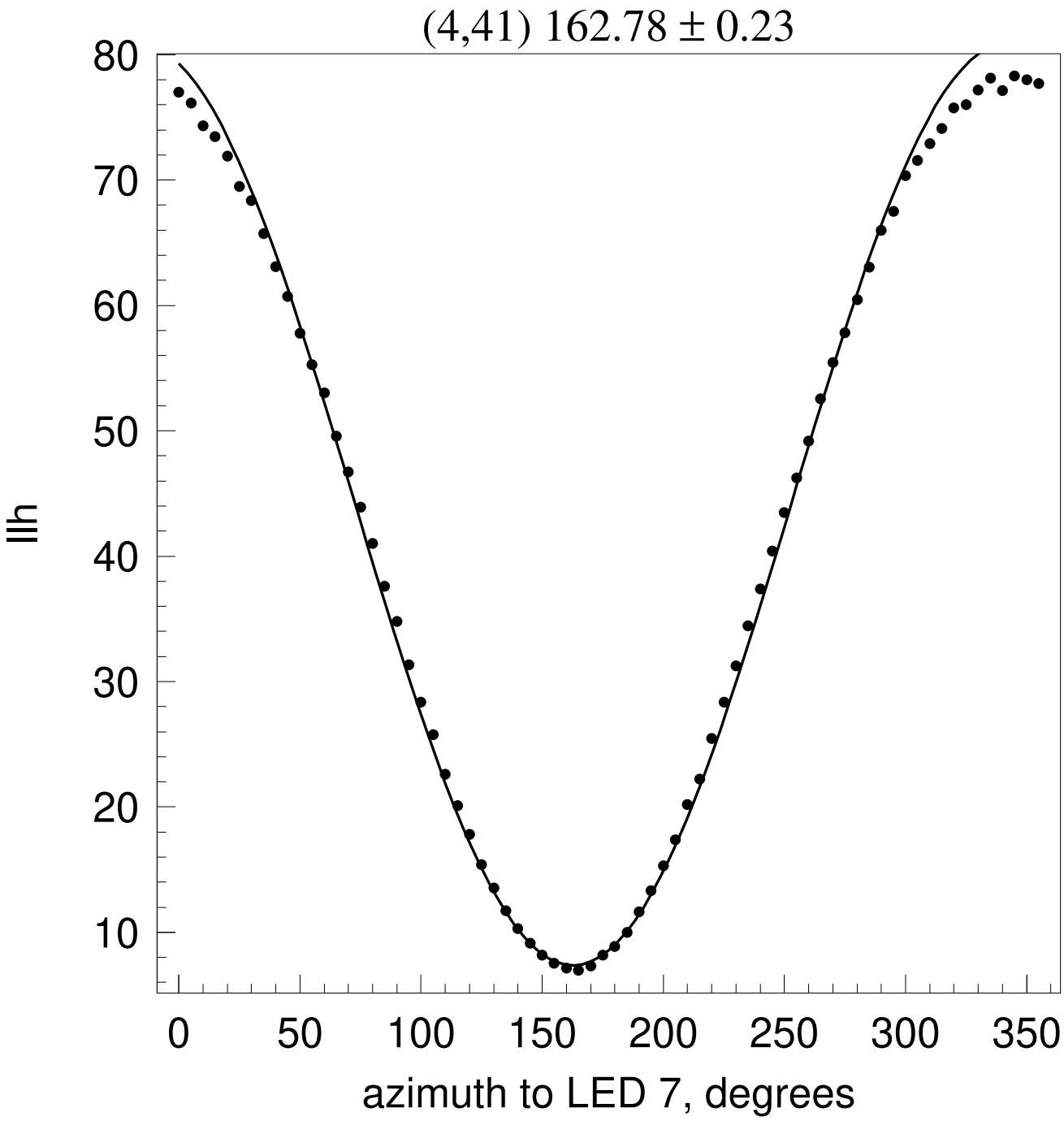

(4,36) 237.55 ± 28.76
23
22.8
22.6
22.4
22.2
22
21.8
21.6
21.4
21.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

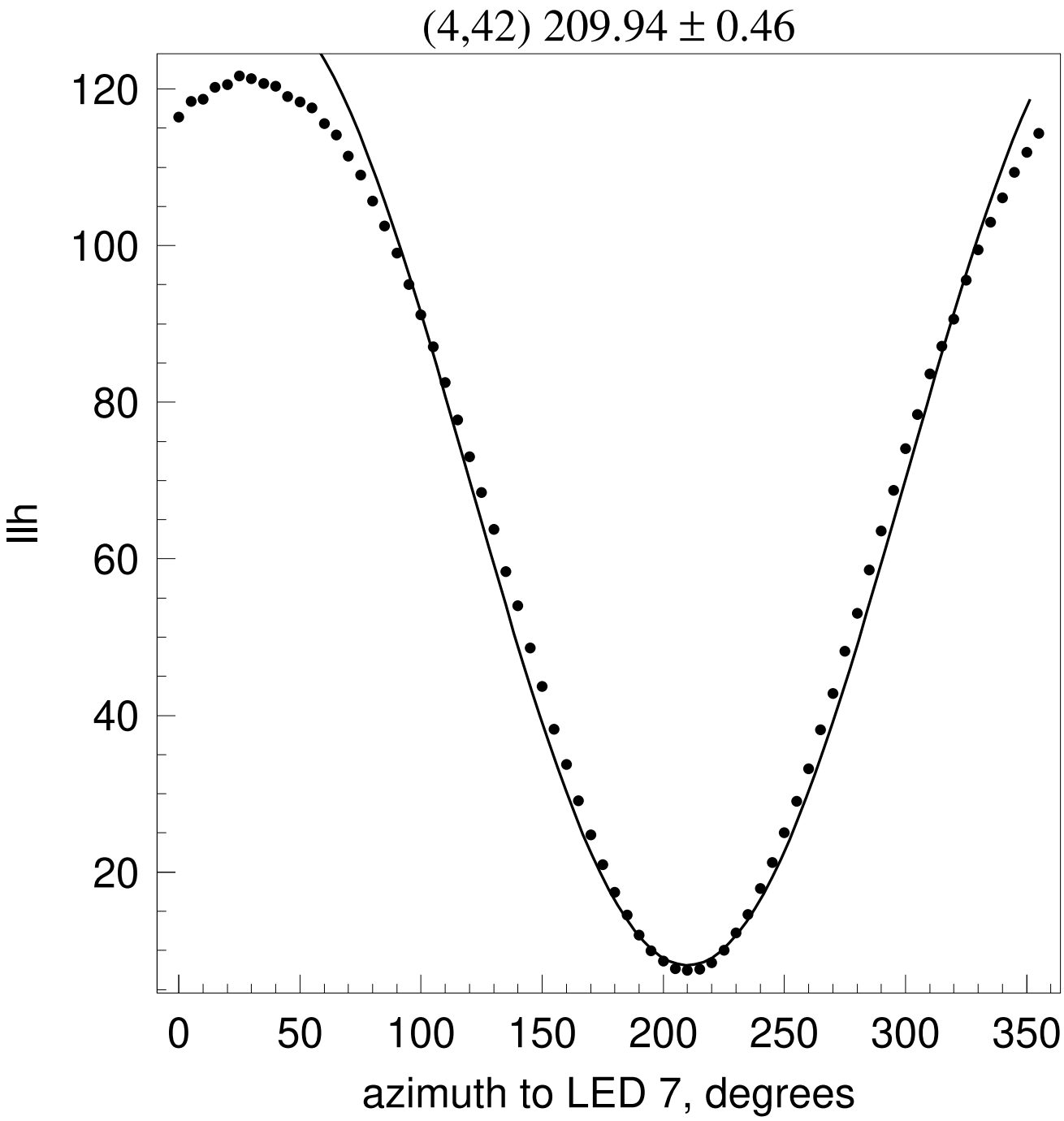

(4,37) 67.11 ± 1.42
28
27.5
27
26.5
26
25.5
25
24.5
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

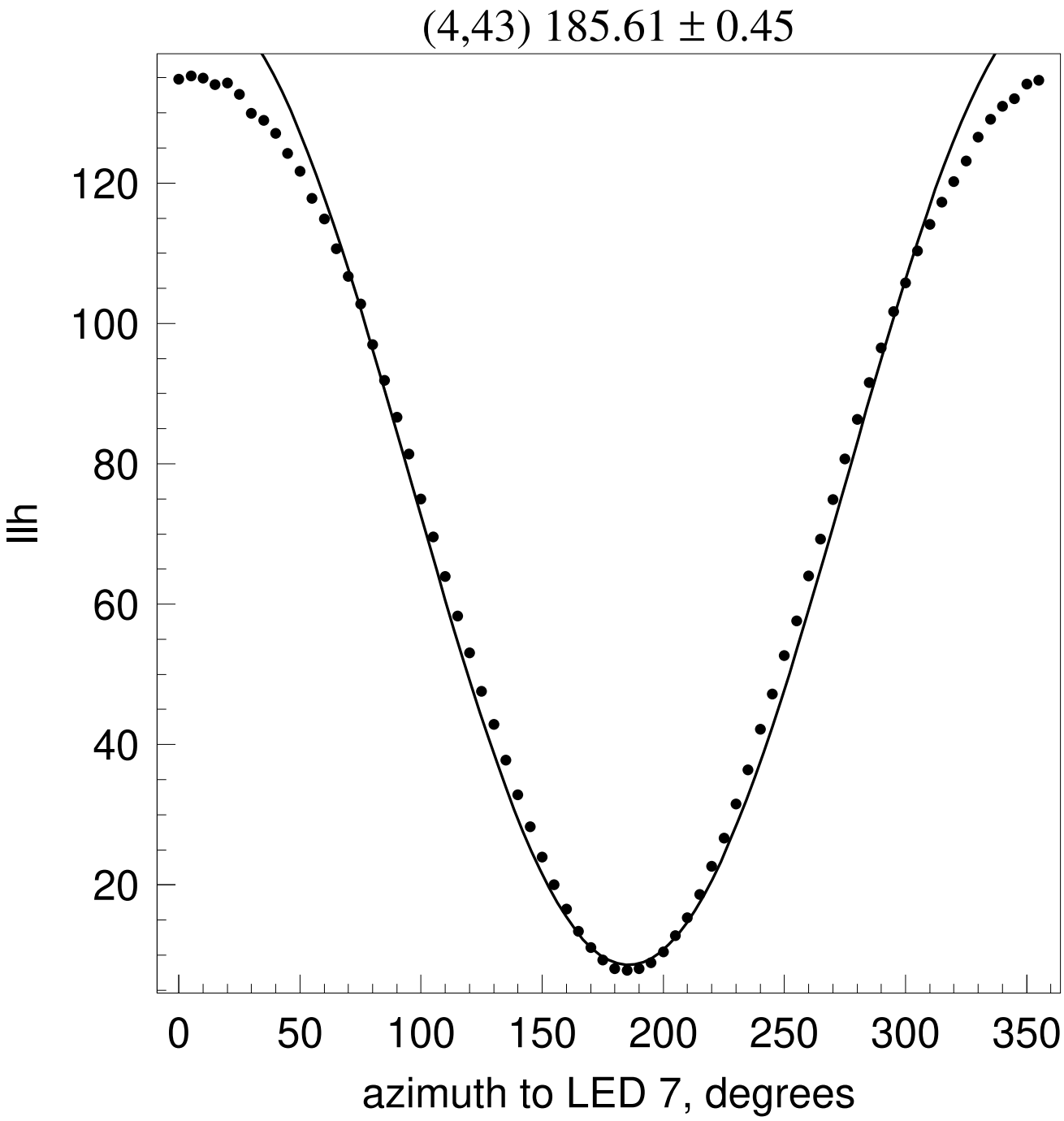

(4,38) 88.33 ± 0.34
16
15
14
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

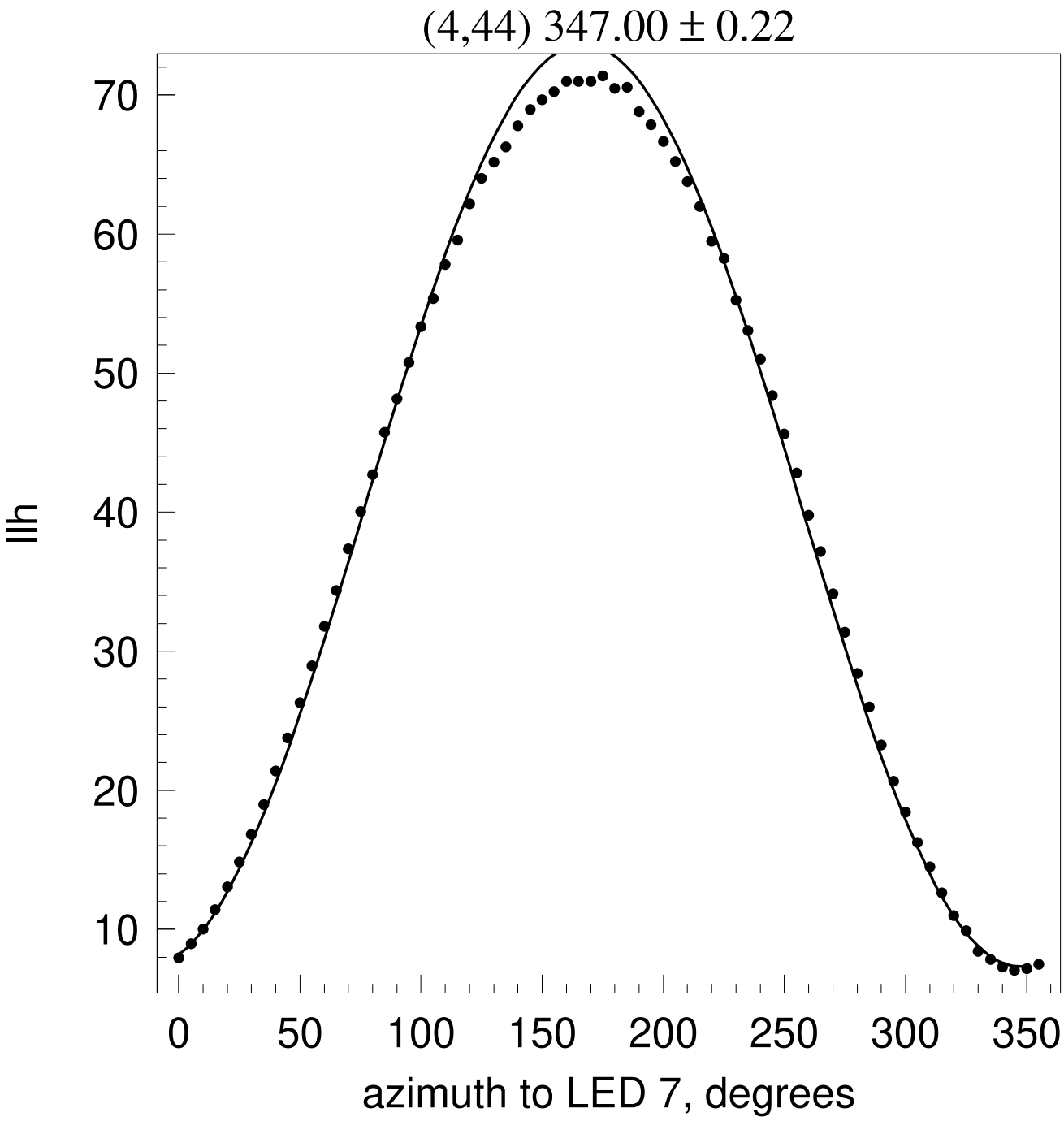

(4,39) 268.71 ± 0.38
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

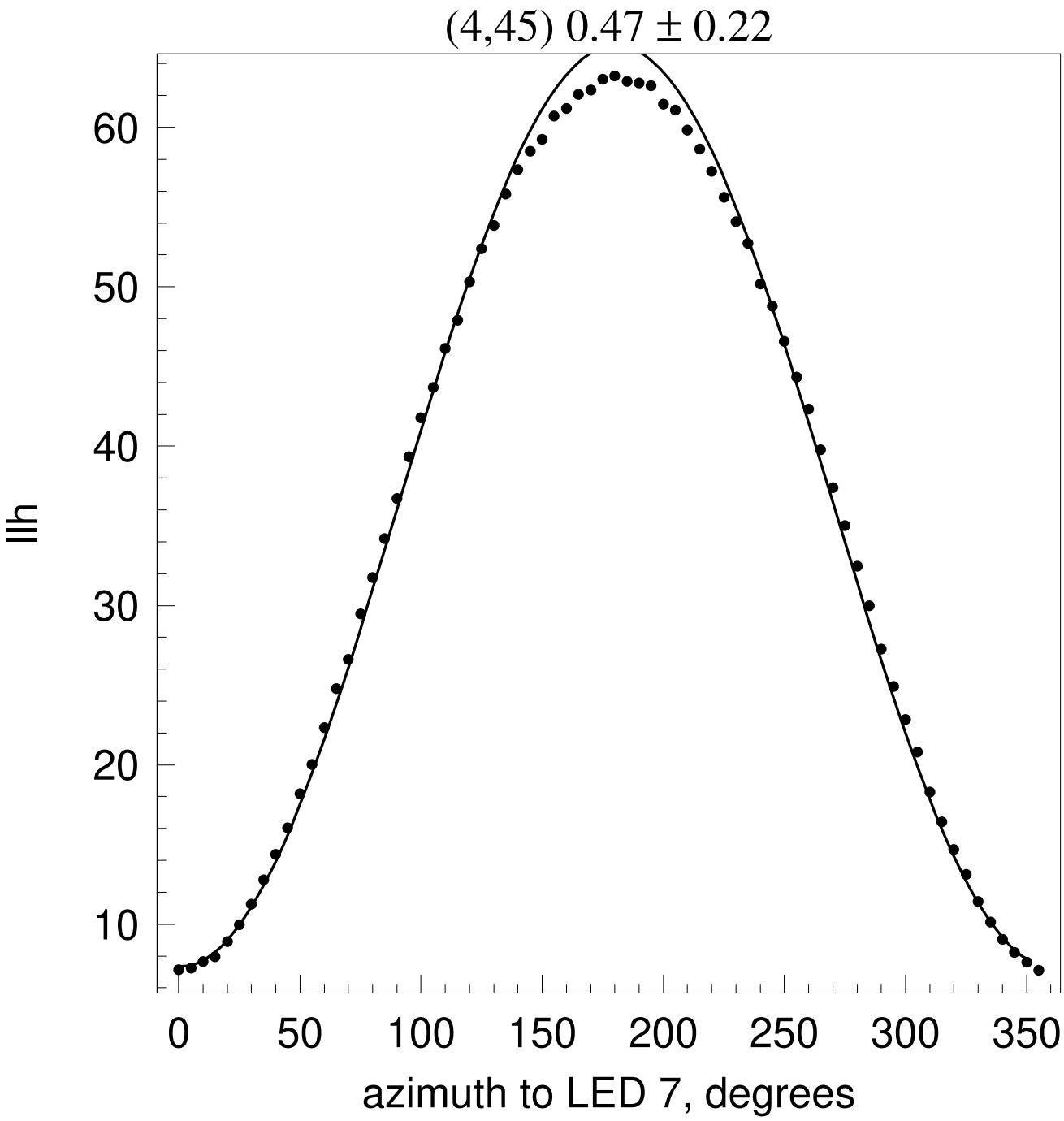

(4,40) 34.92 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

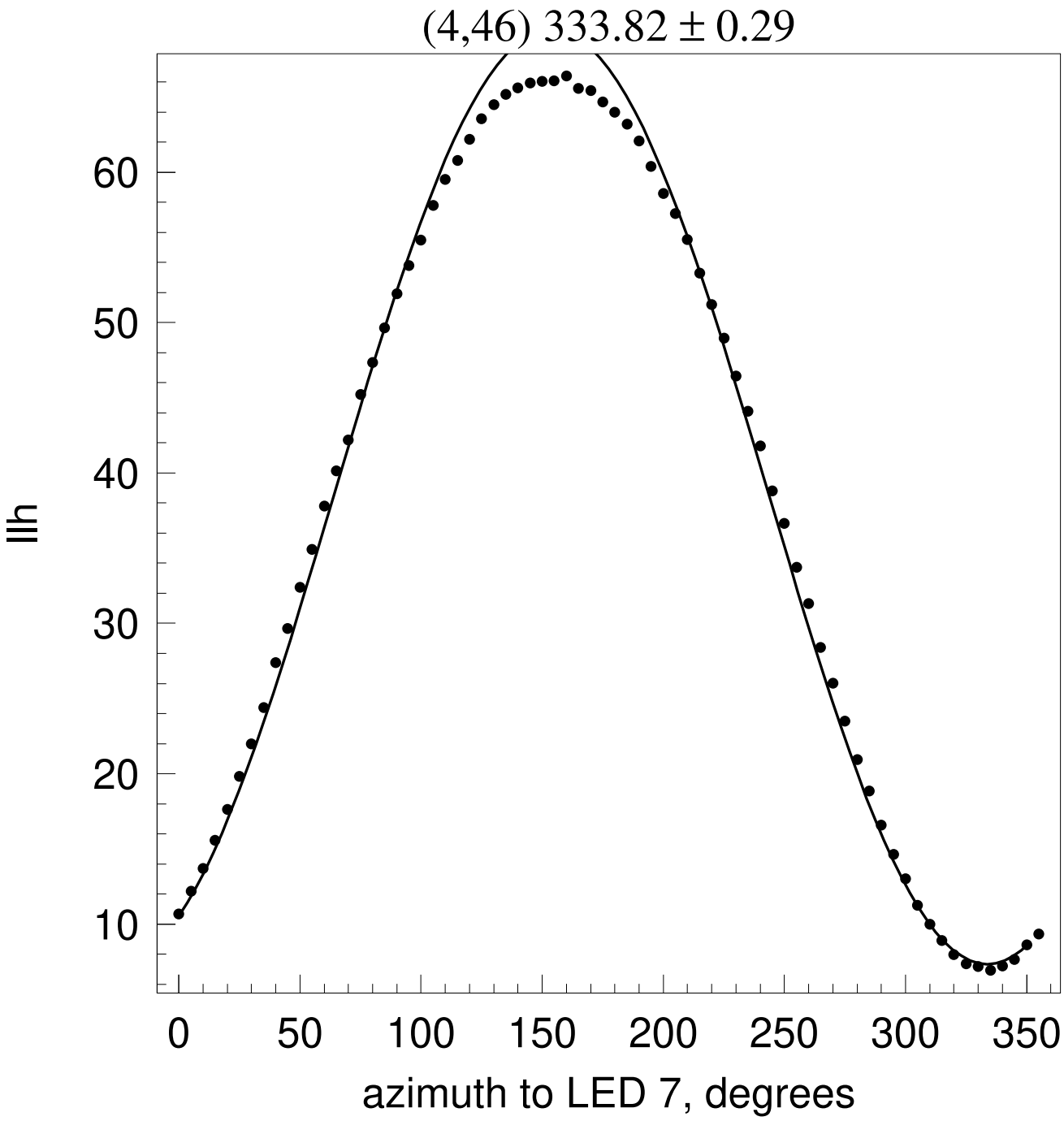

(4,41) 162.78 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

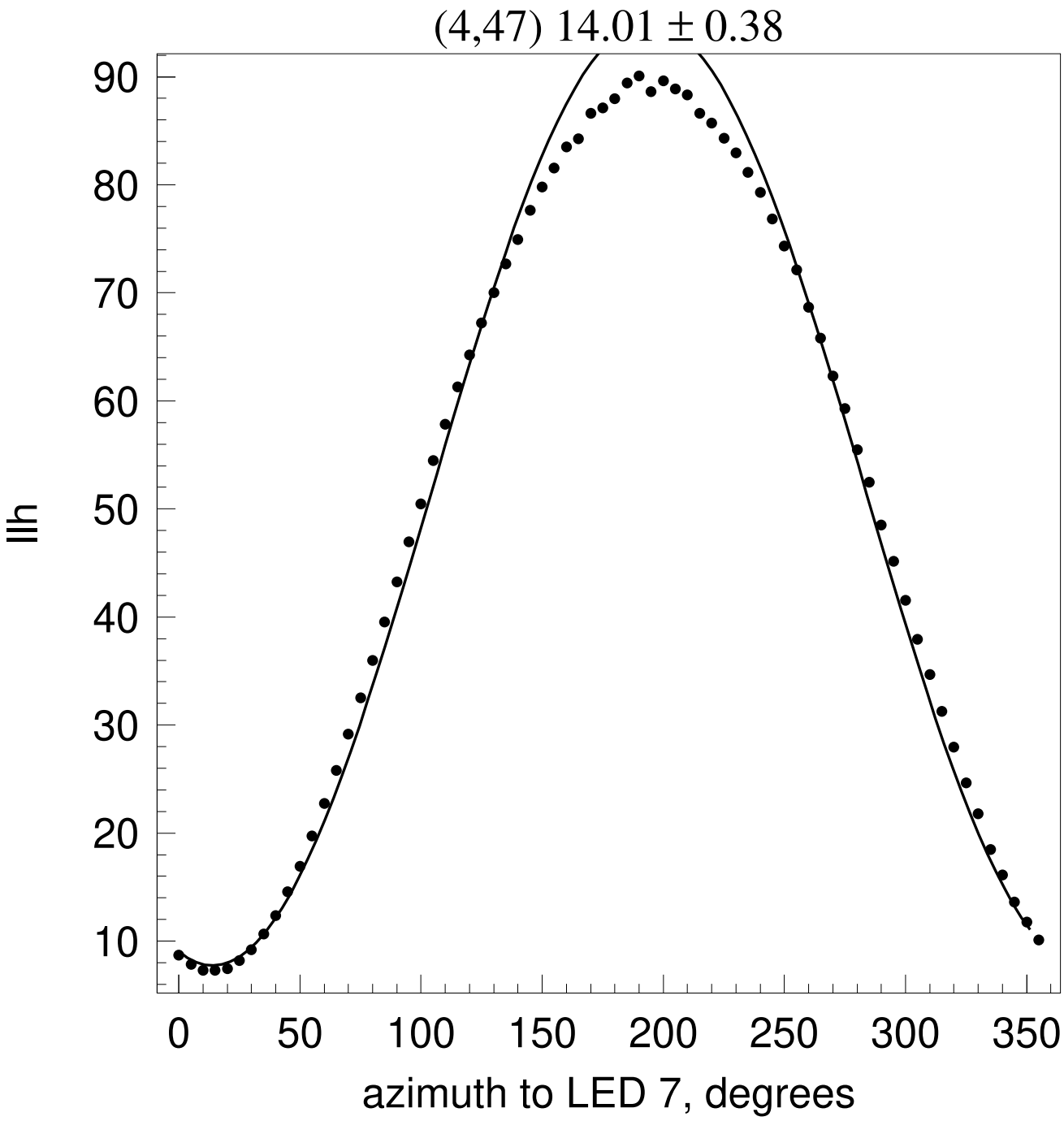

(4,42) 209.94 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

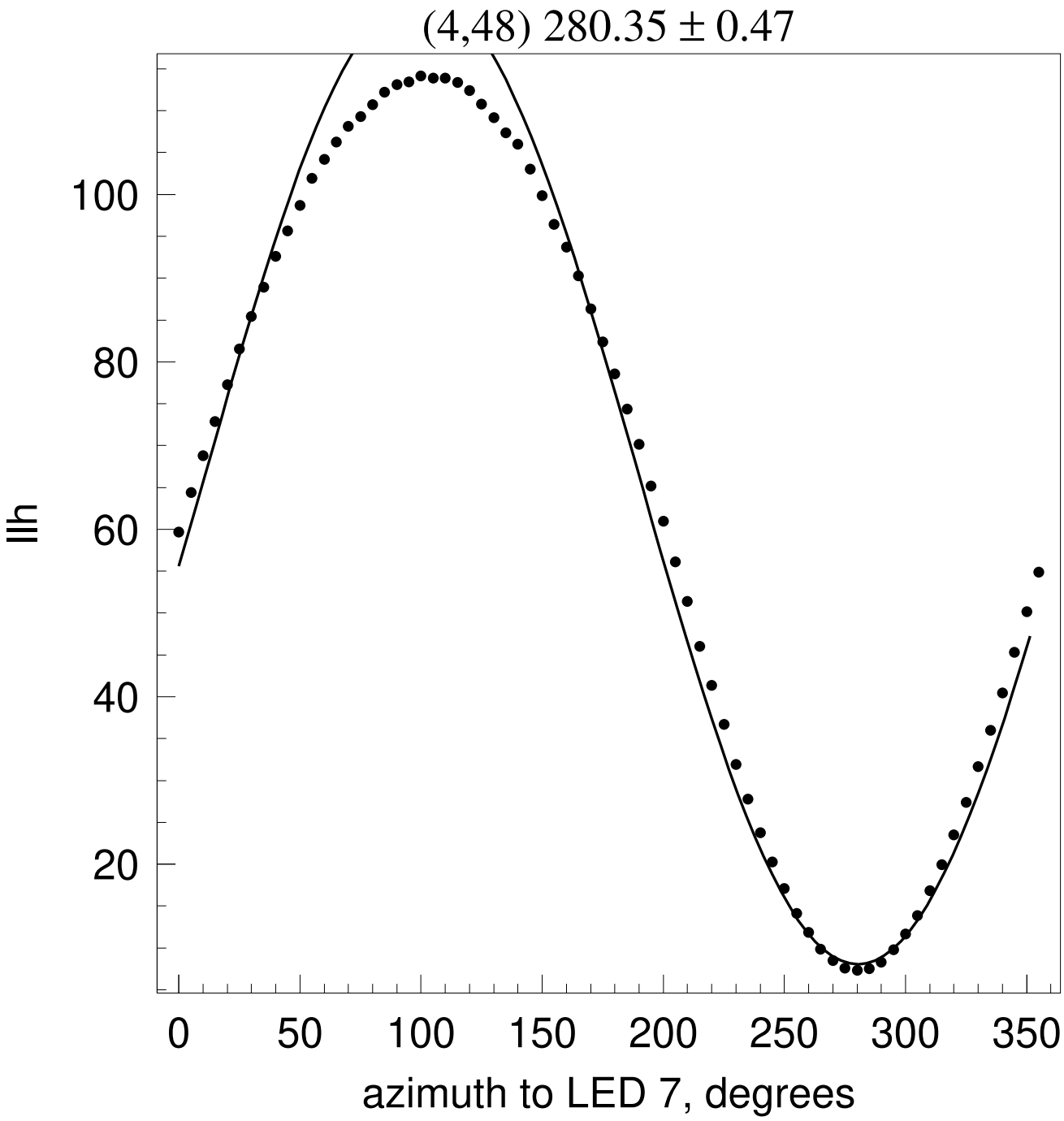

(4,43) 185.61 ± 0.45
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

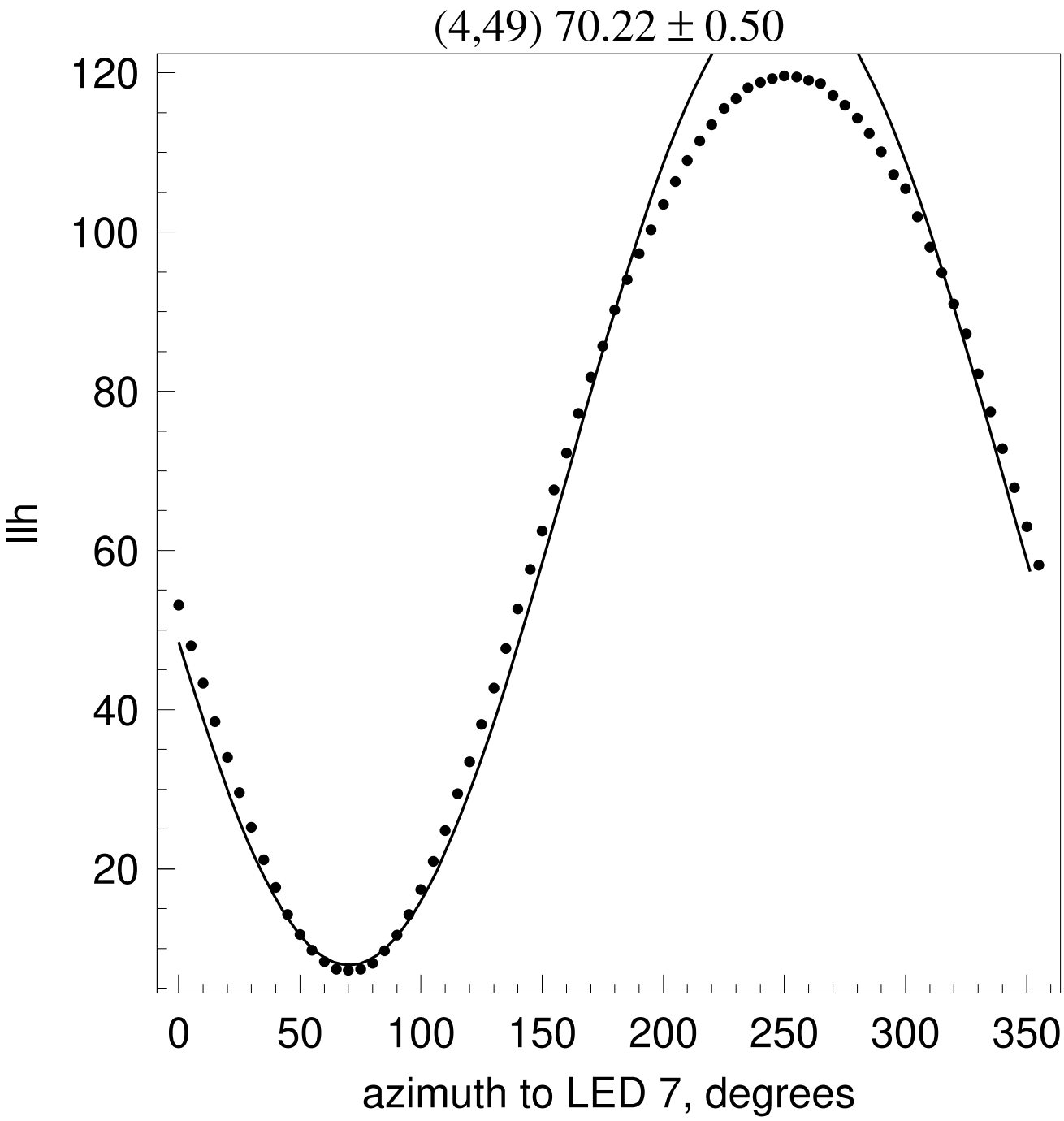

(4,44) 347.00 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

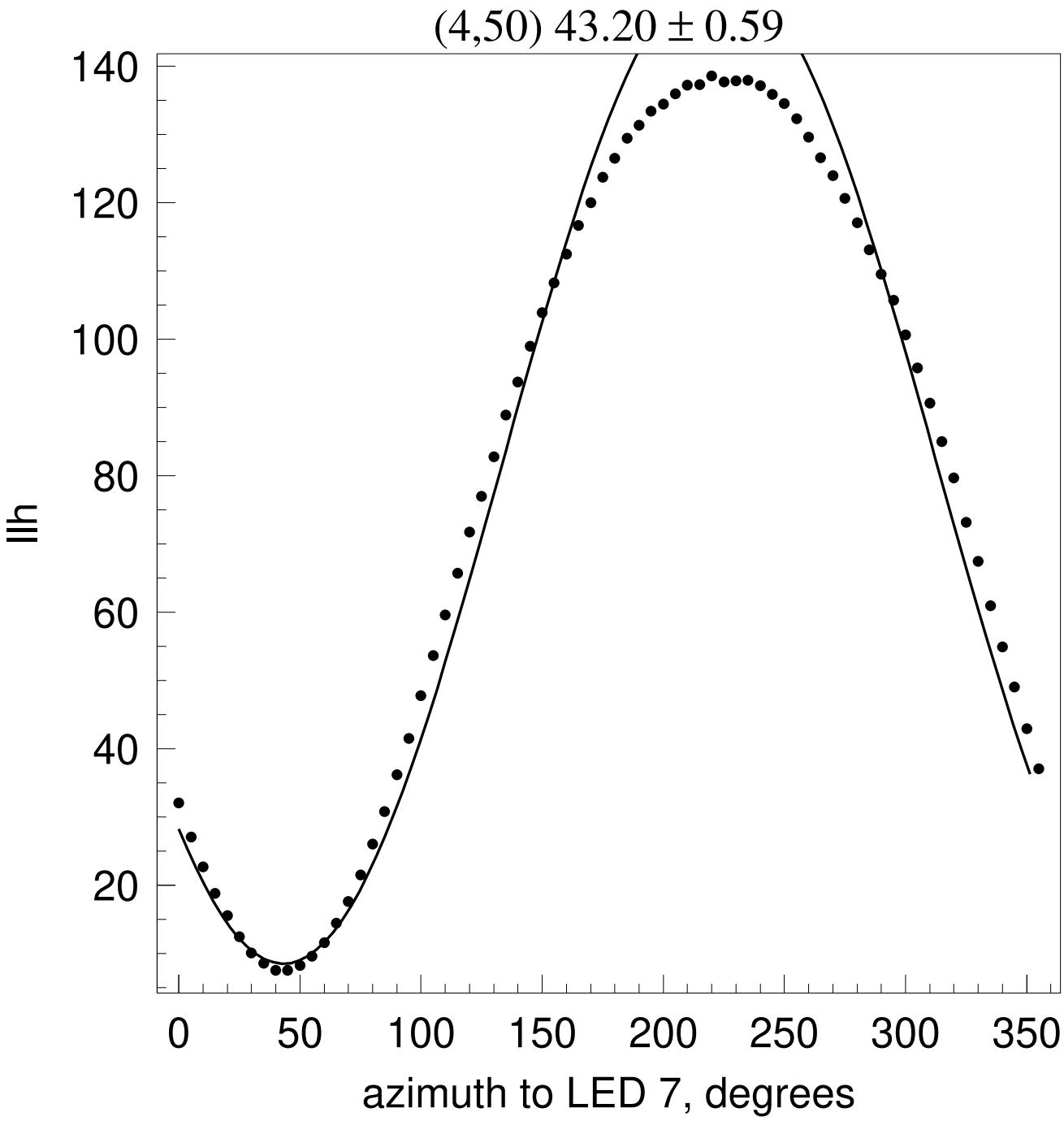

(4,45) 0.47 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

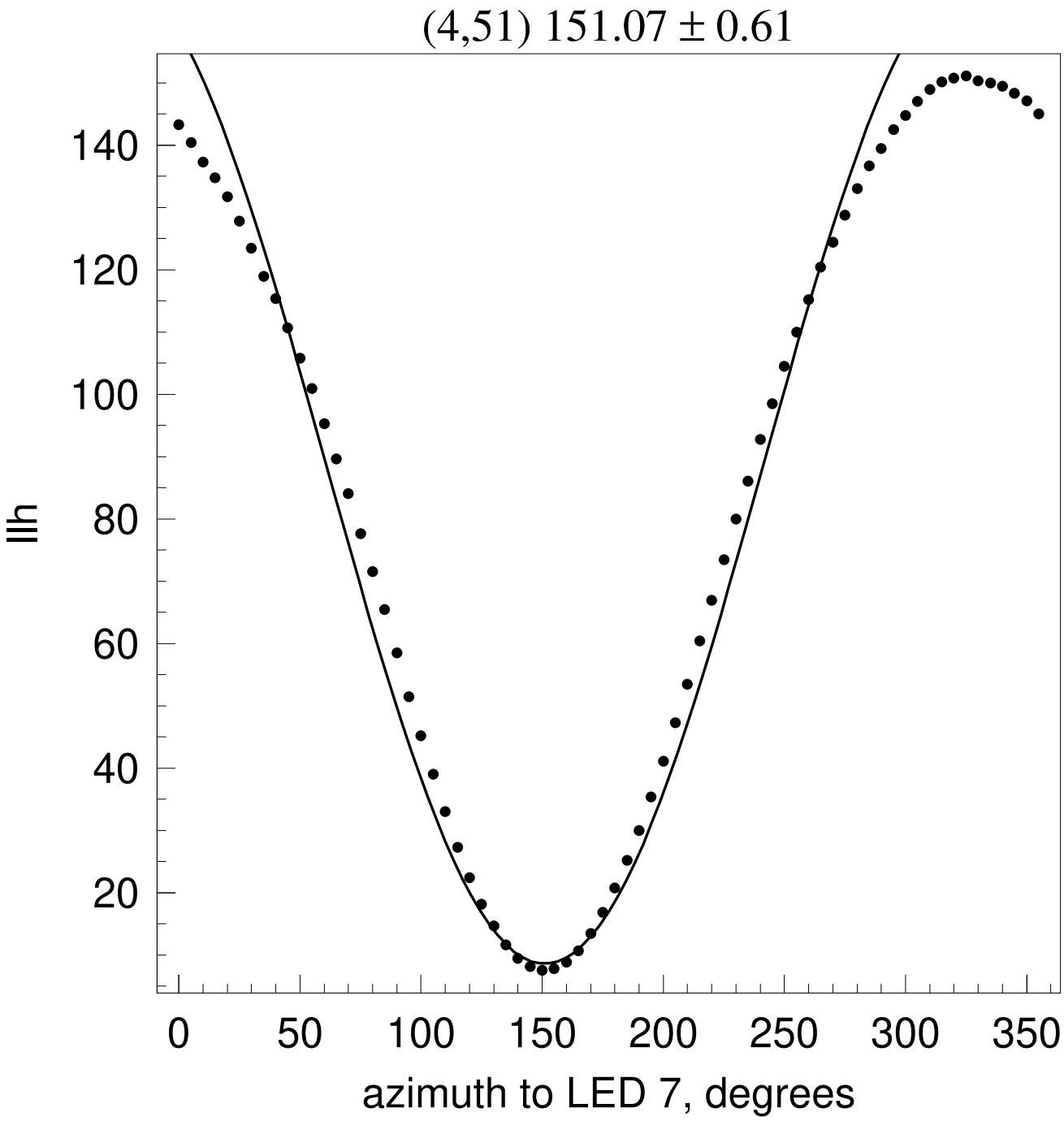

(4,46) 333.82 ± 0.29
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

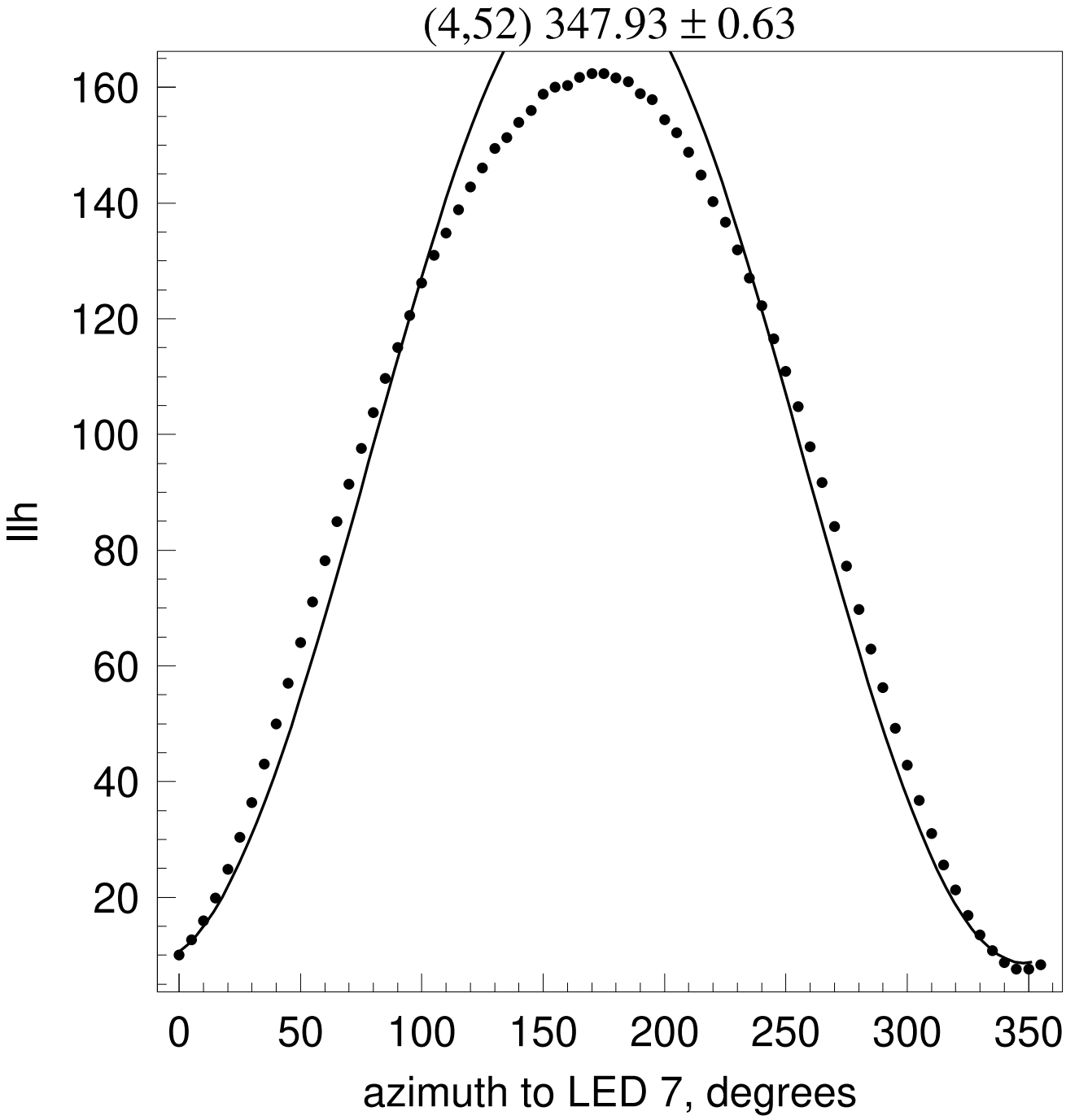

(4,47) 14.01 ± 0.38
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

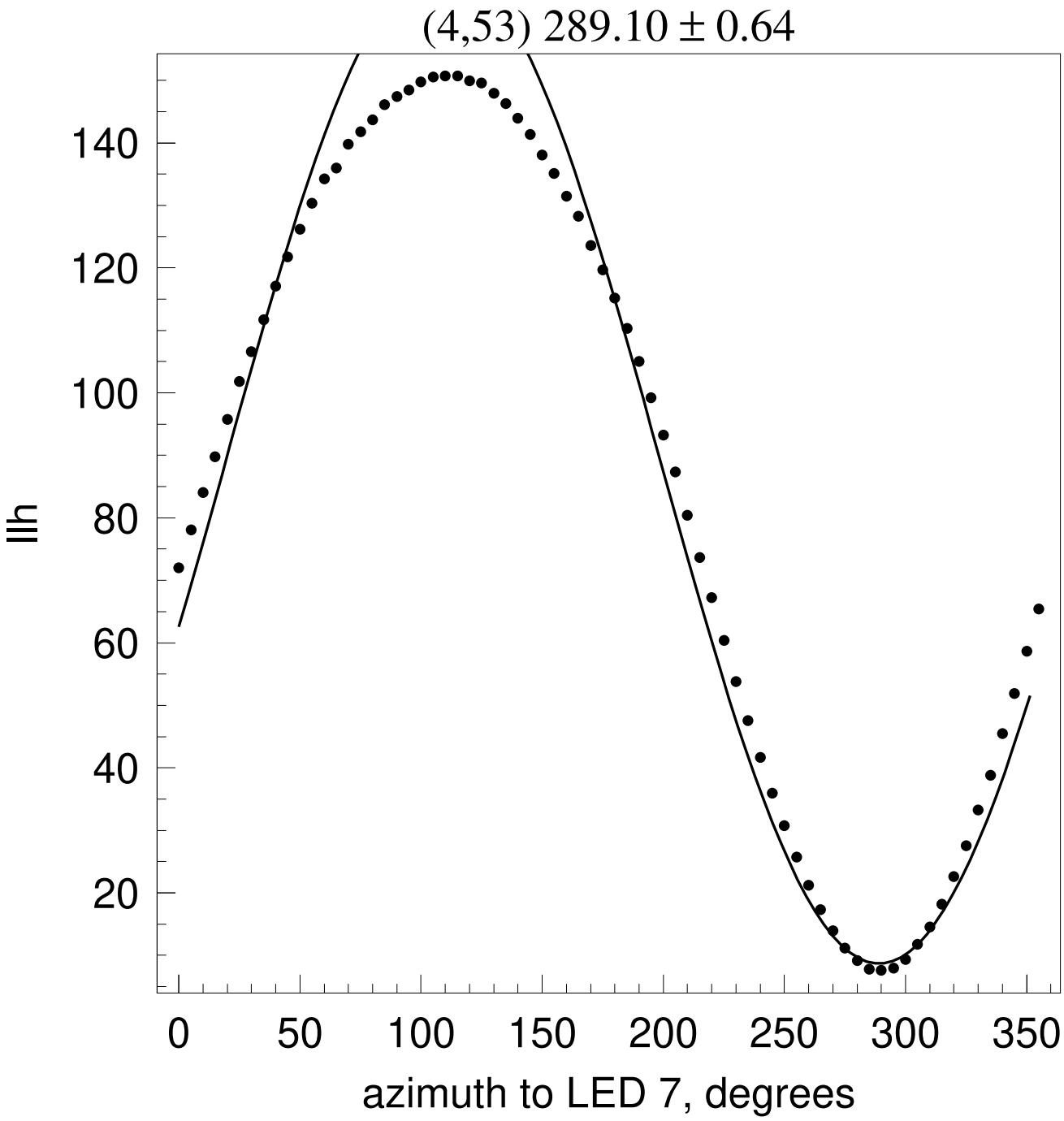

(4,48) 280.35 ± 0.47
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

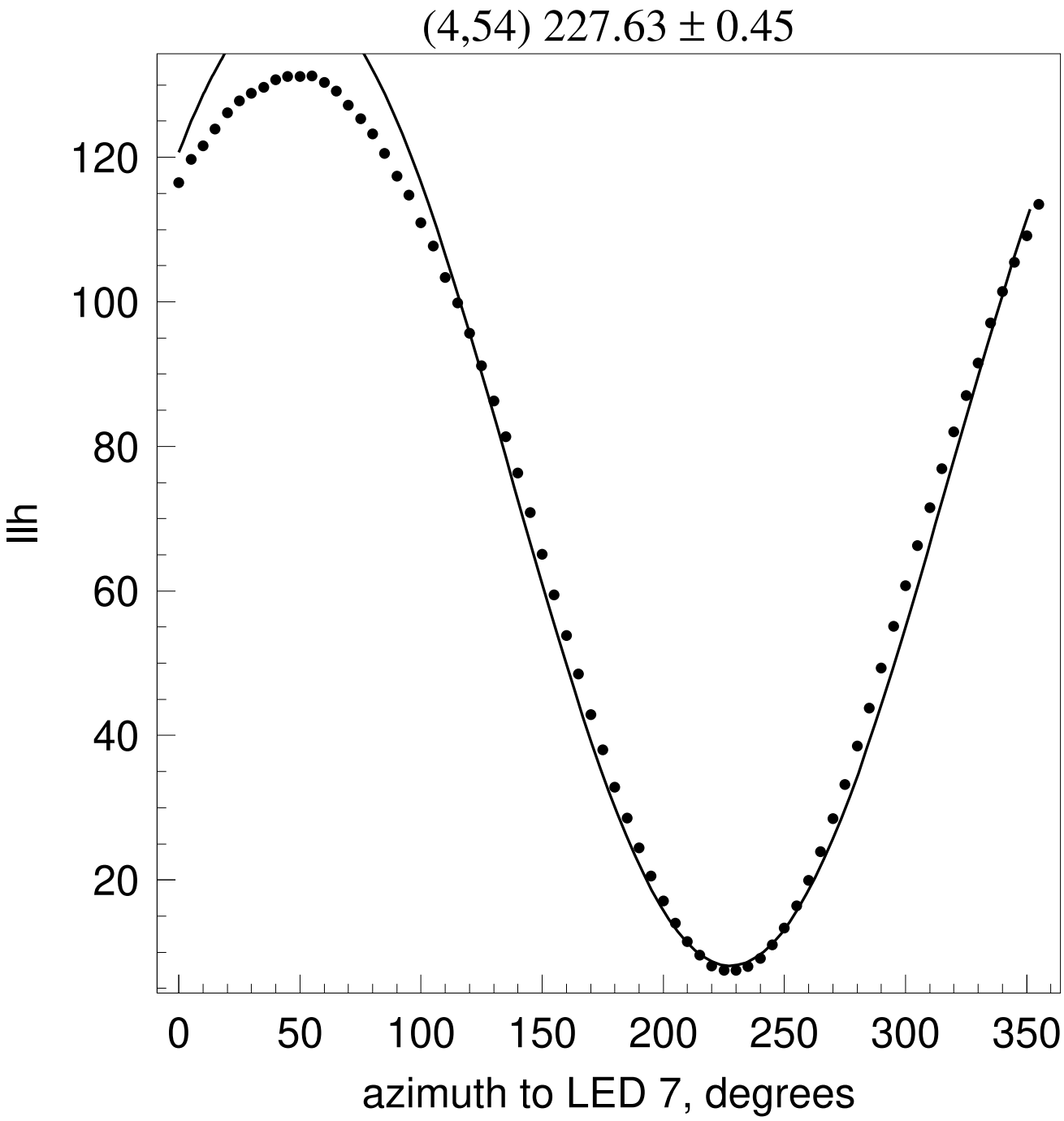

(4,49) 70.22 ± 0.50
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

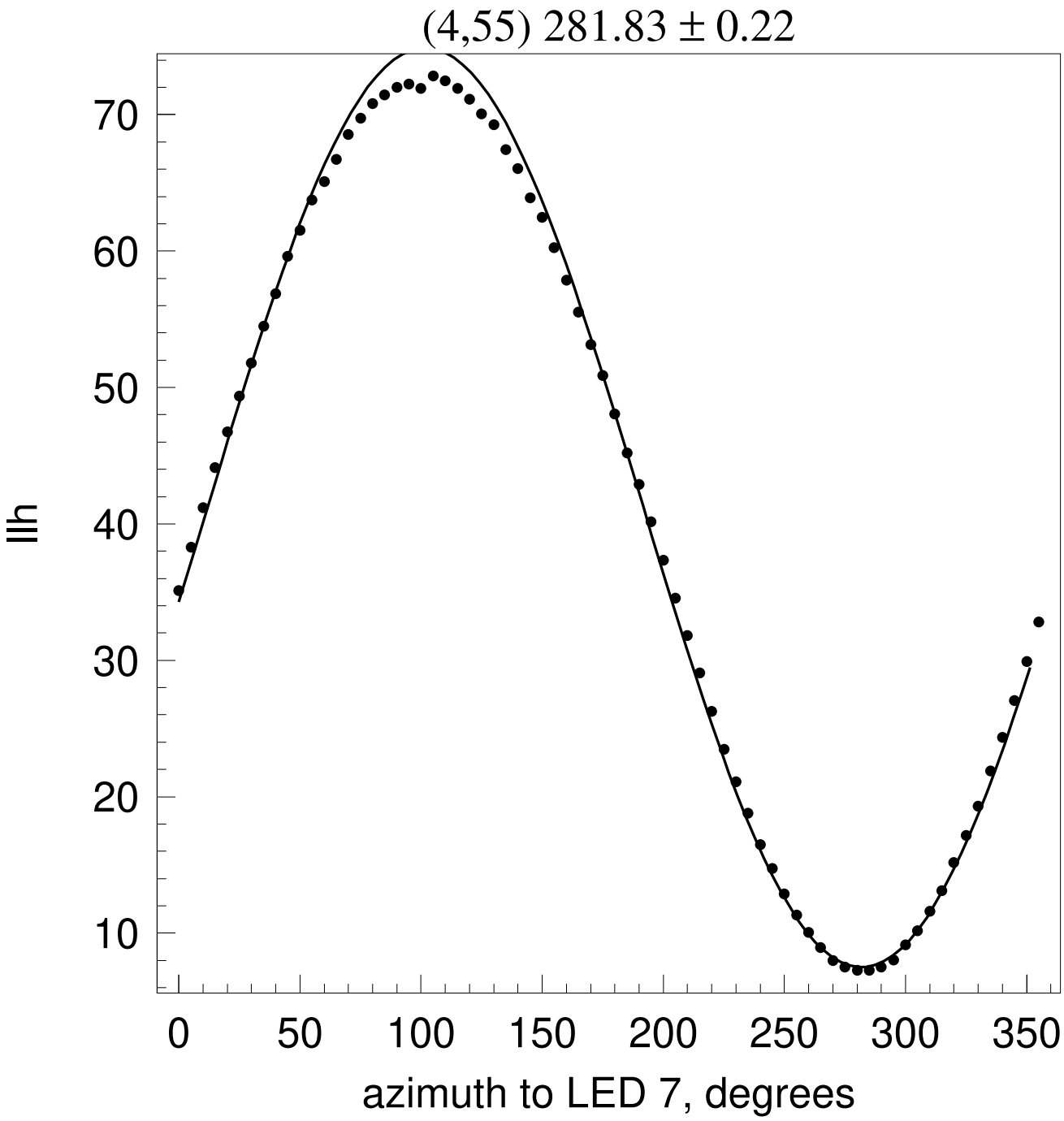

(4,50) 43.20 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

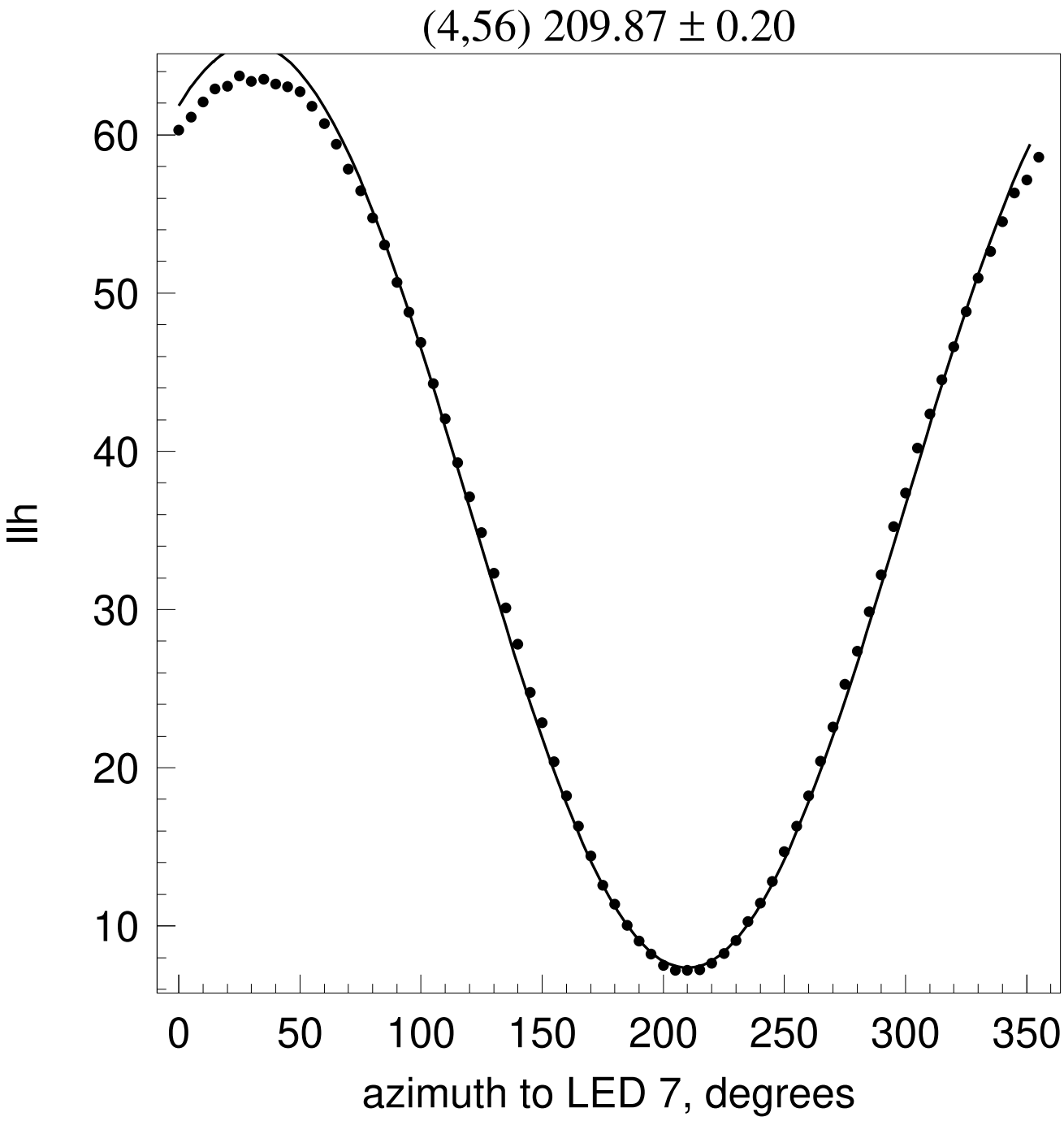

(4,51) 151.07 ± 0.61
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

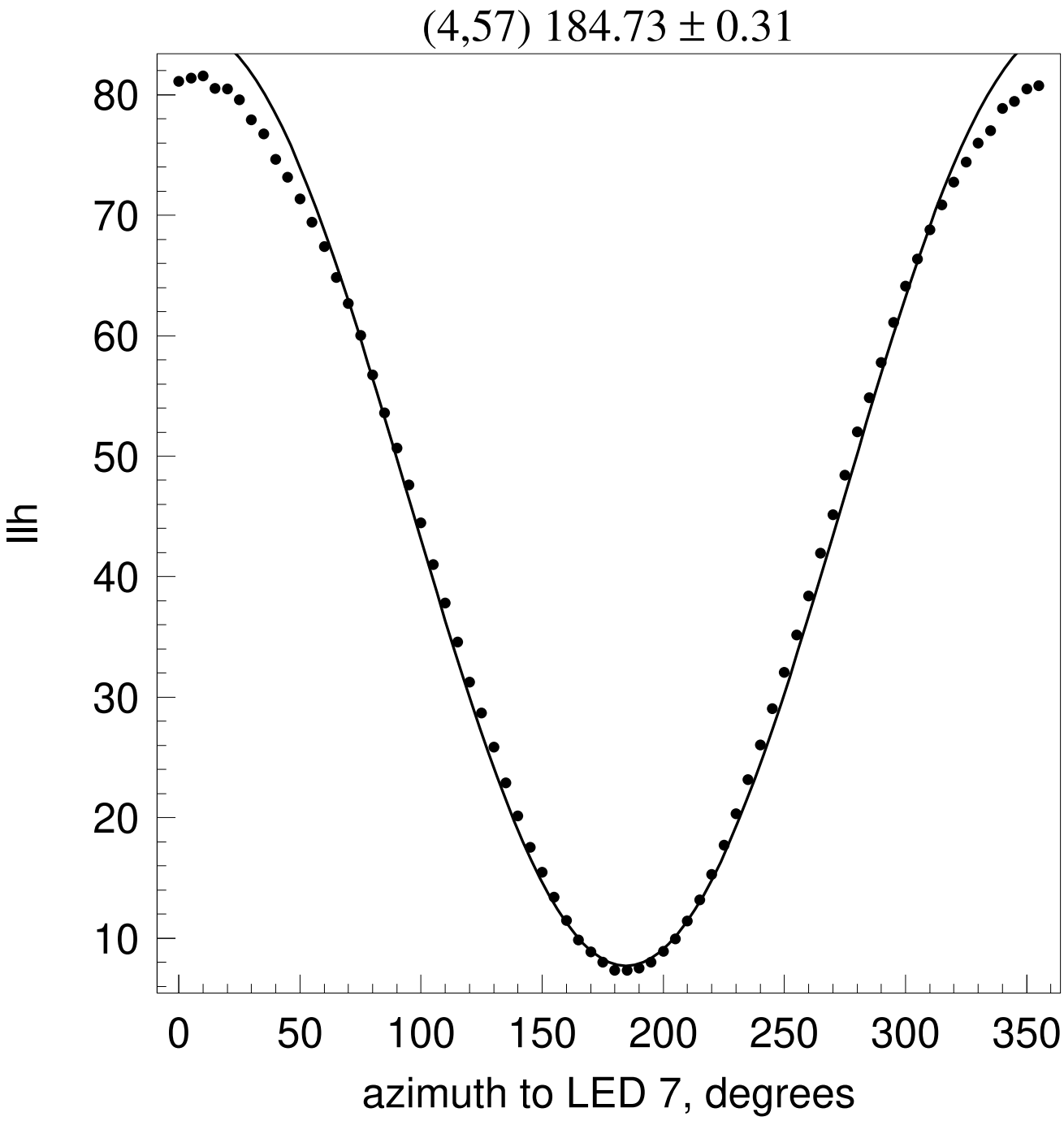

(4,52) 347.93 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

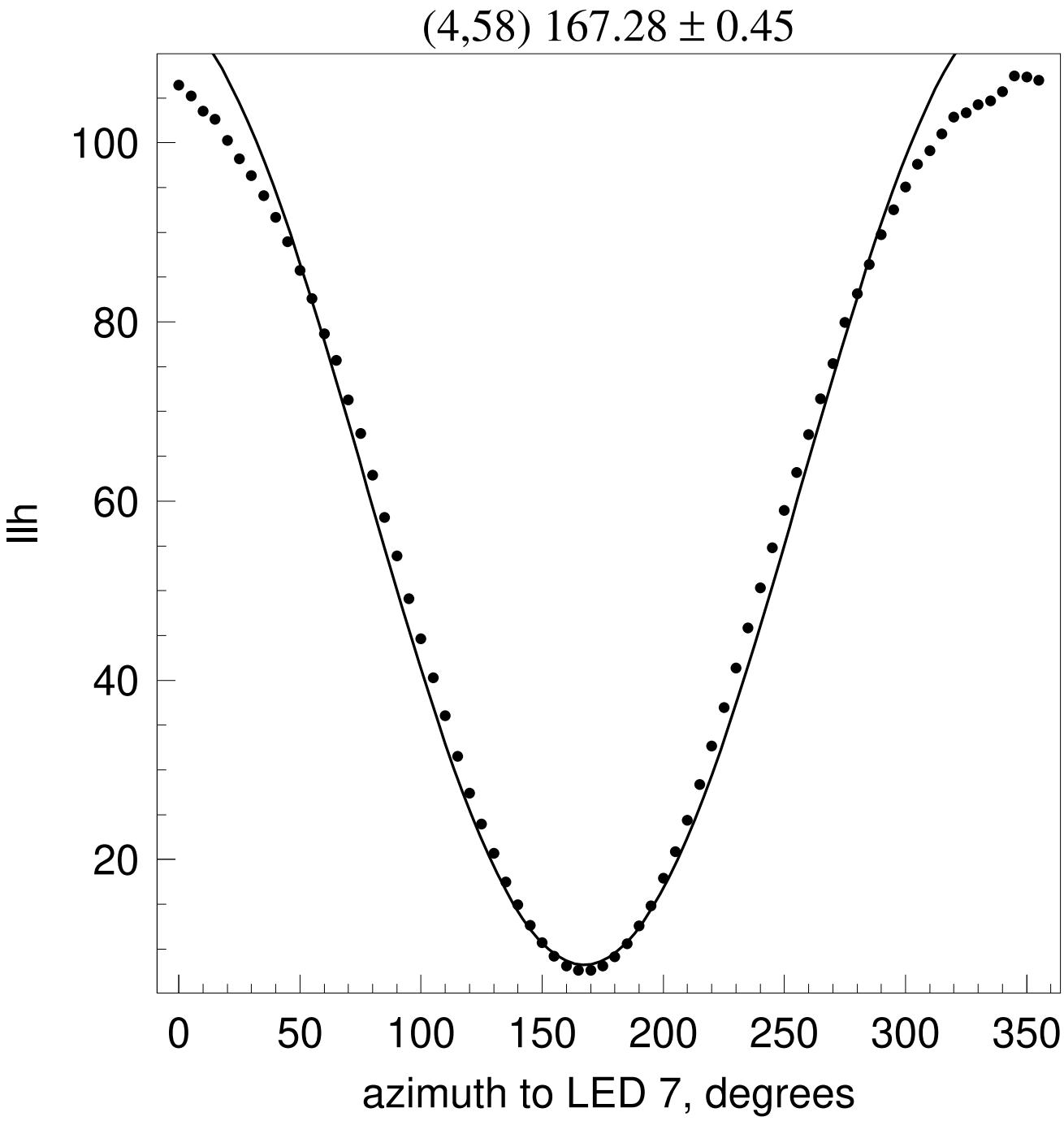

(4,53) 289.10 ± 0.64
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

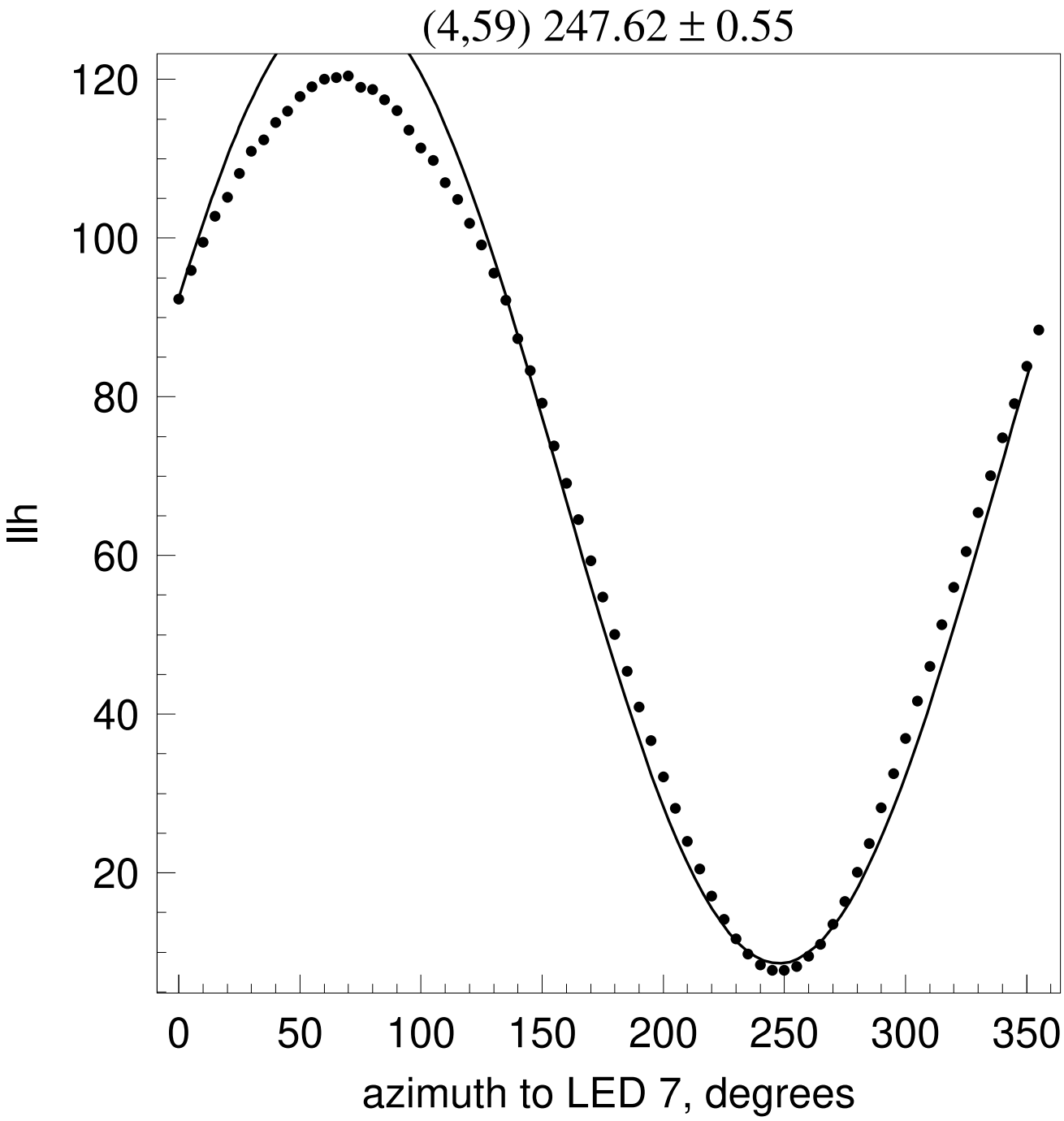

(4,54) 227.63 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

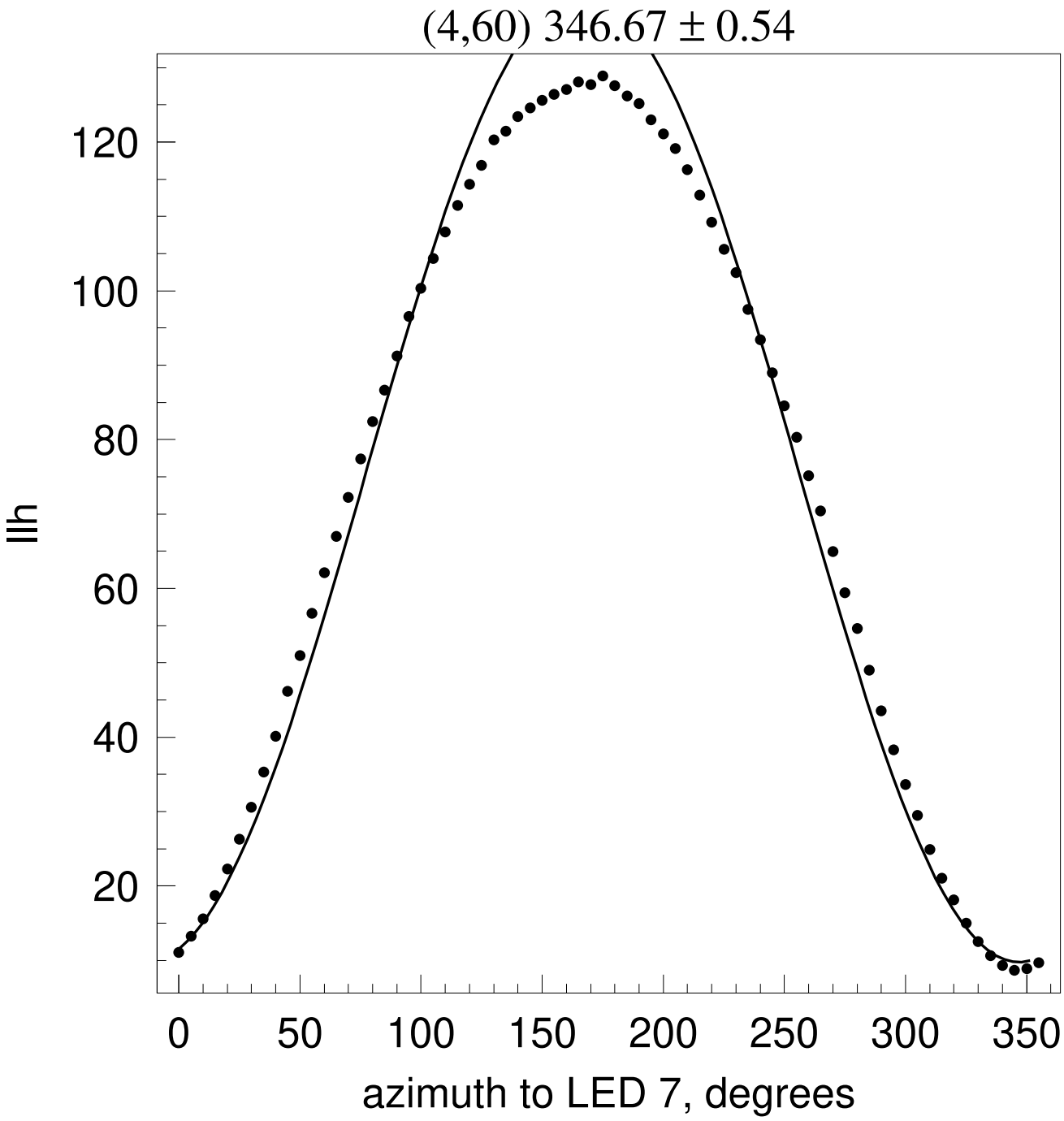

(4,55) 281.83 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

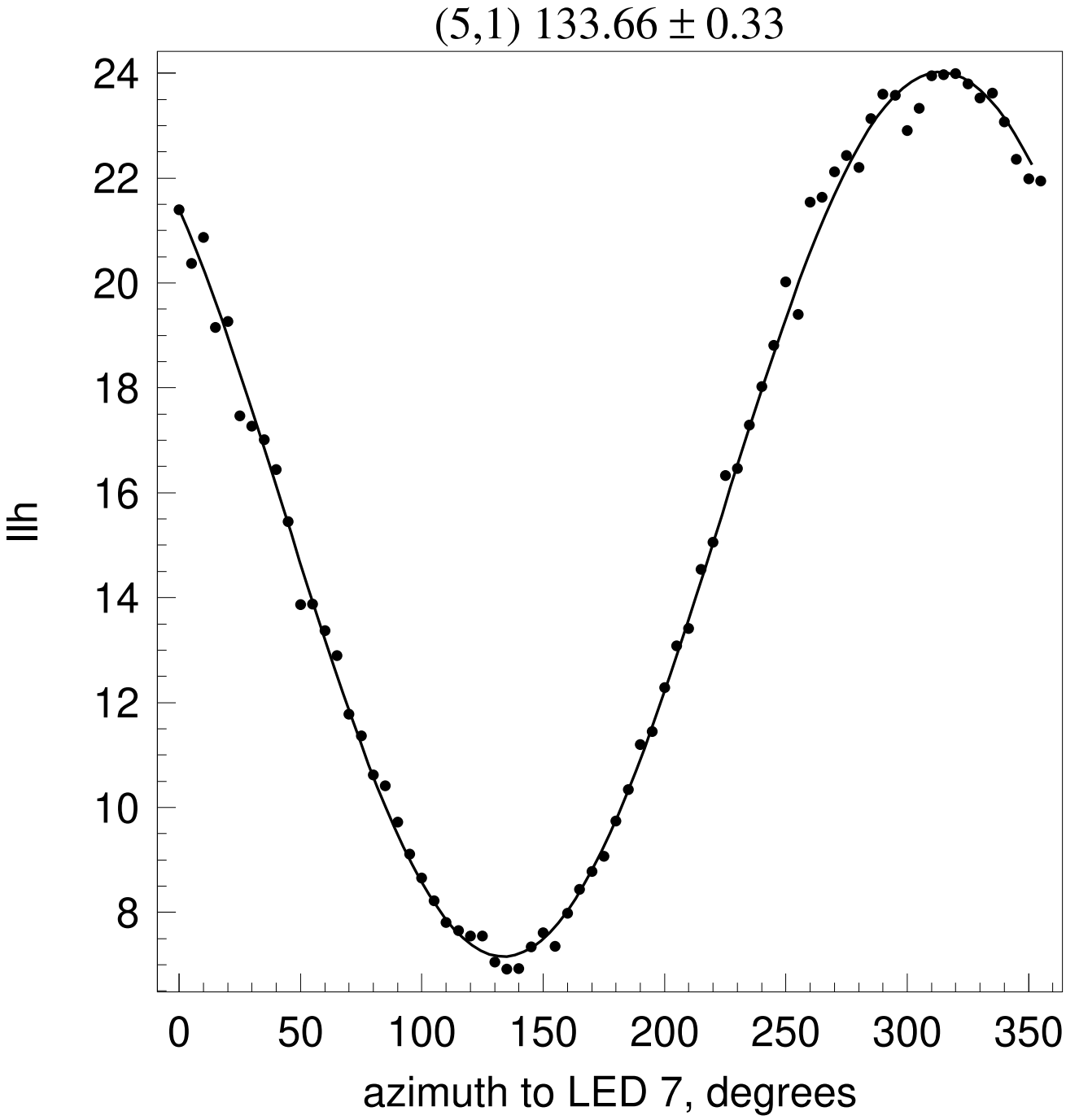

(4,56) 209.87 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

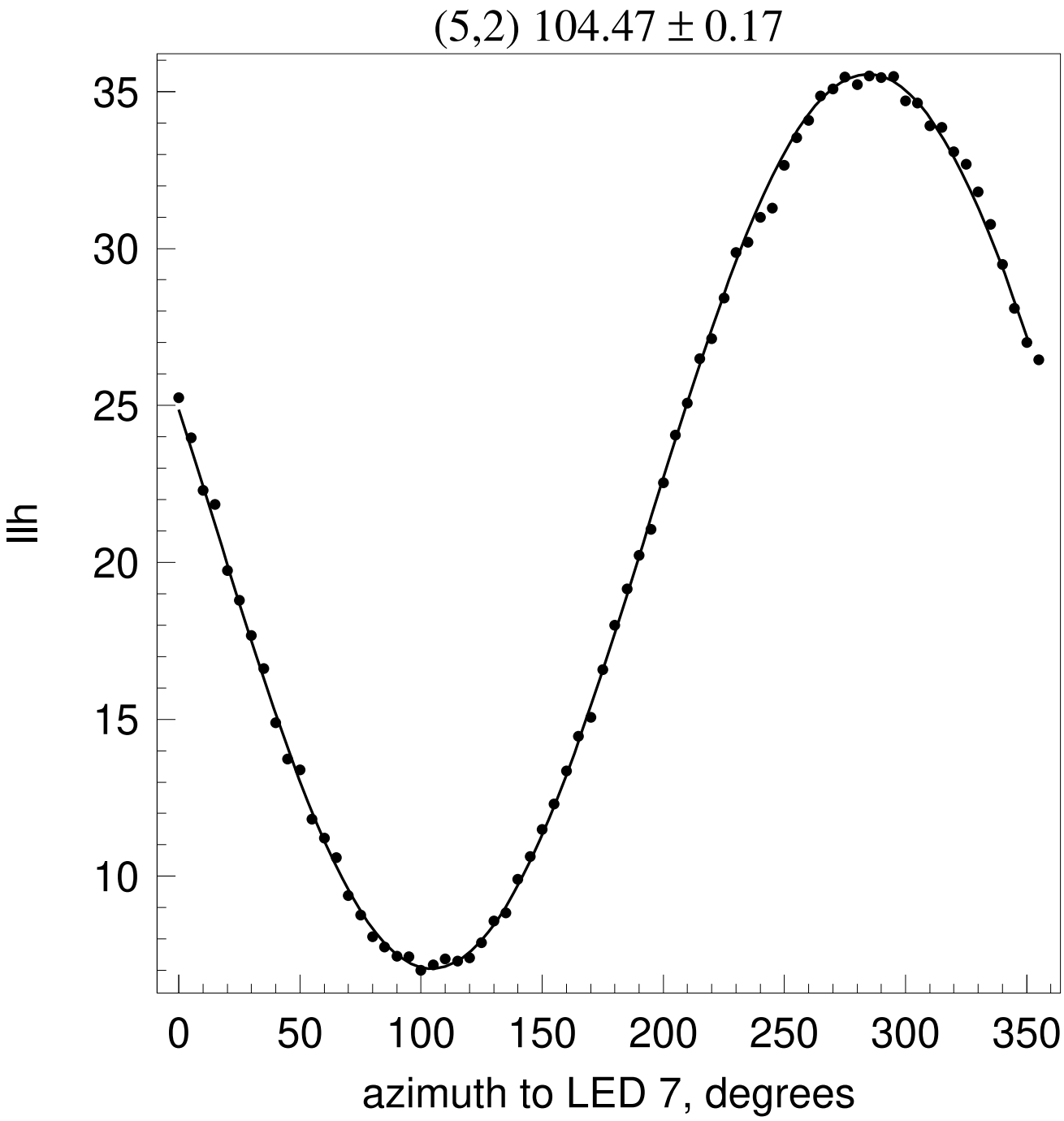

(4,57) 184.73 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

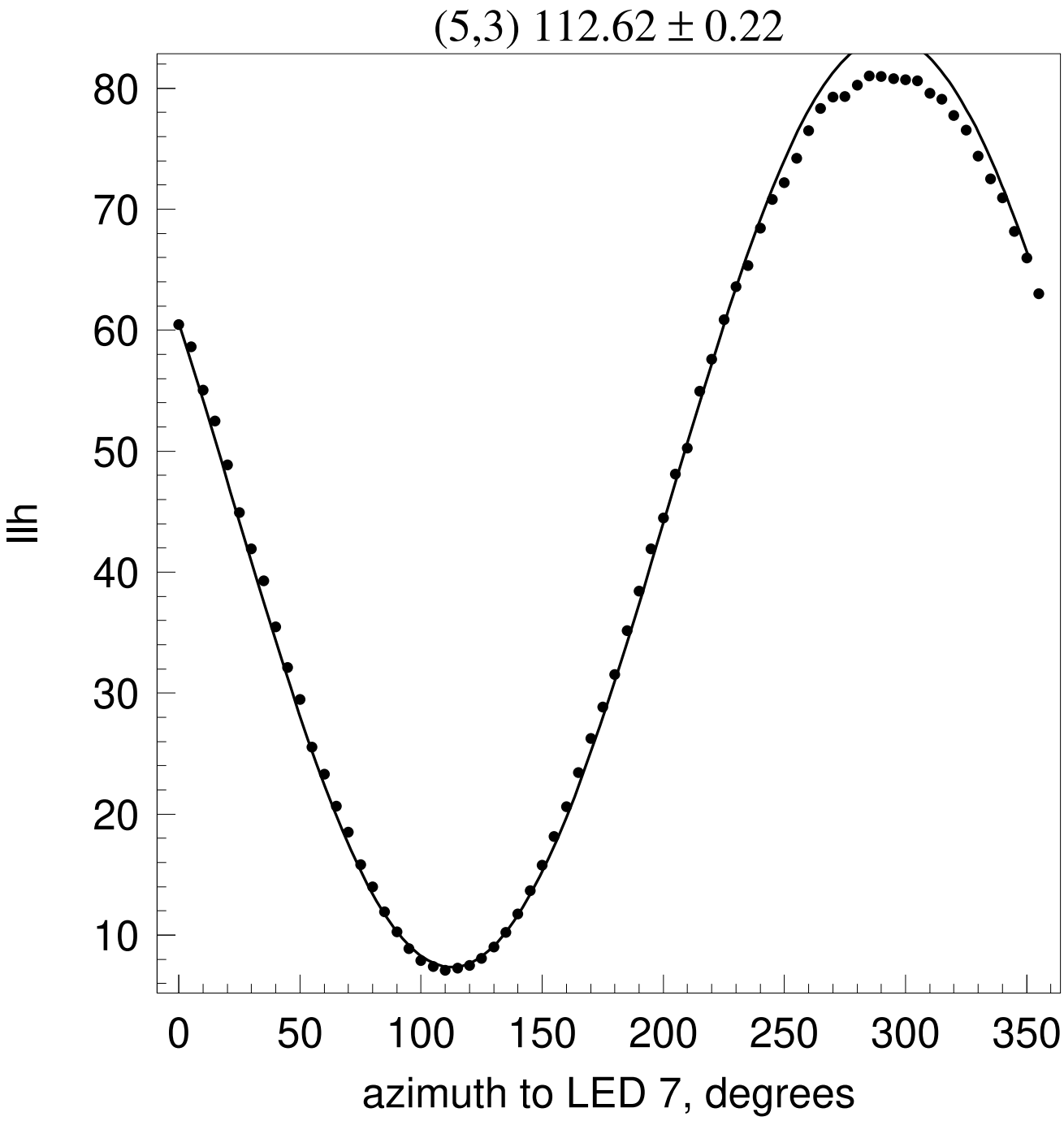

(4,58) 167.28 ± 0.45
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

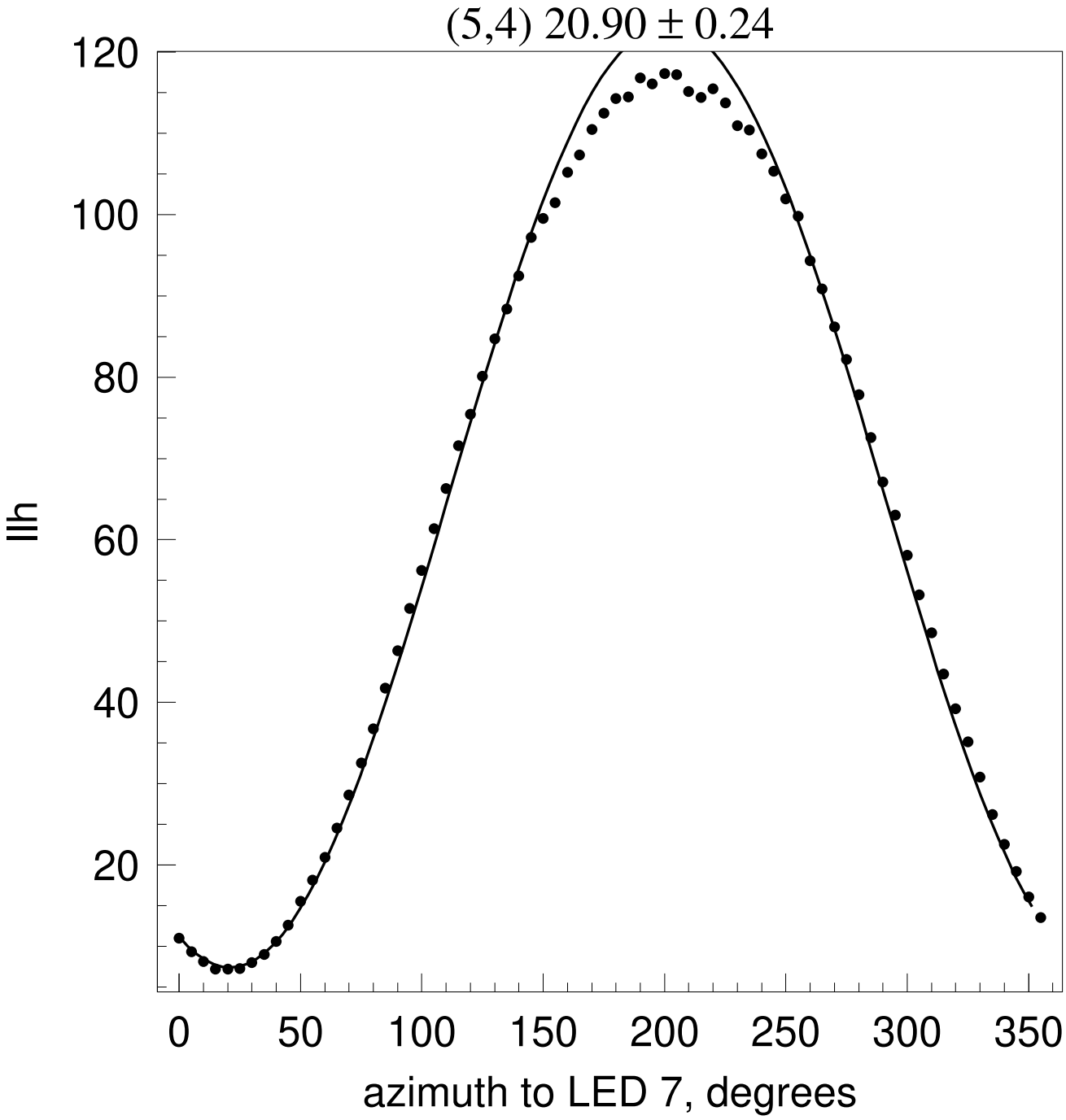

(4,59) 247.62 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

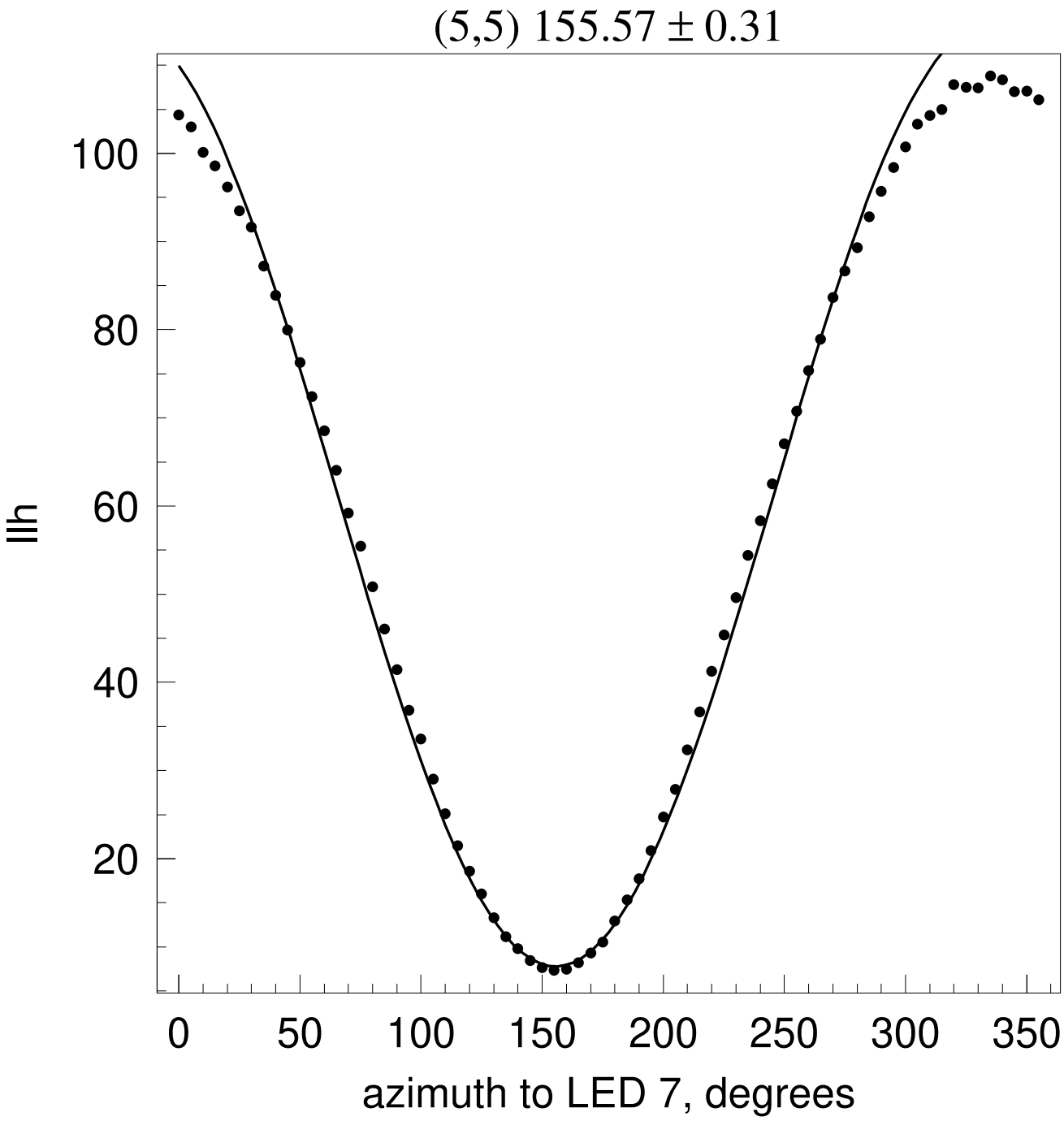

(4,60) 346.67 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

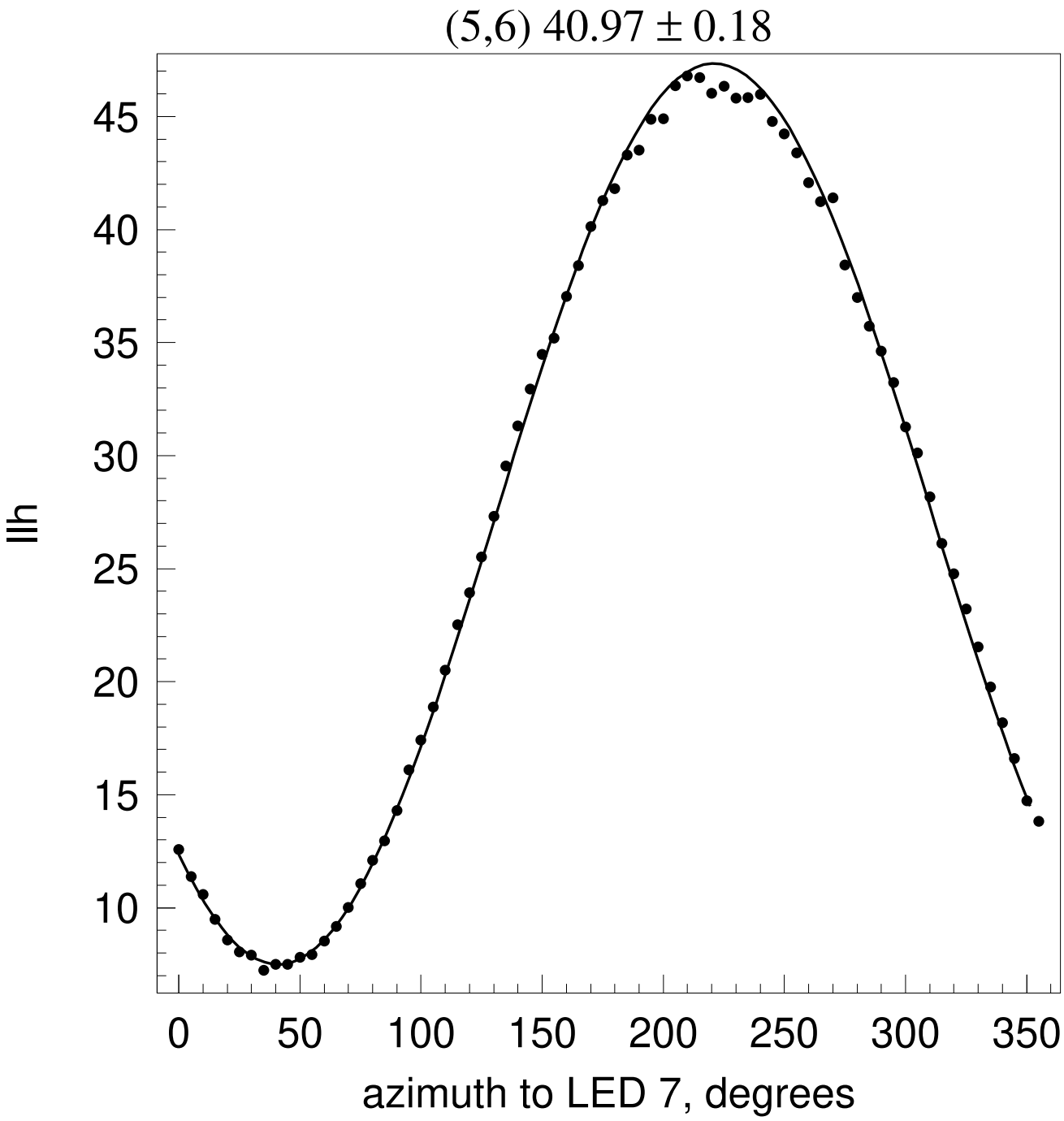

(5,1) 133.66 ± 0.33
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

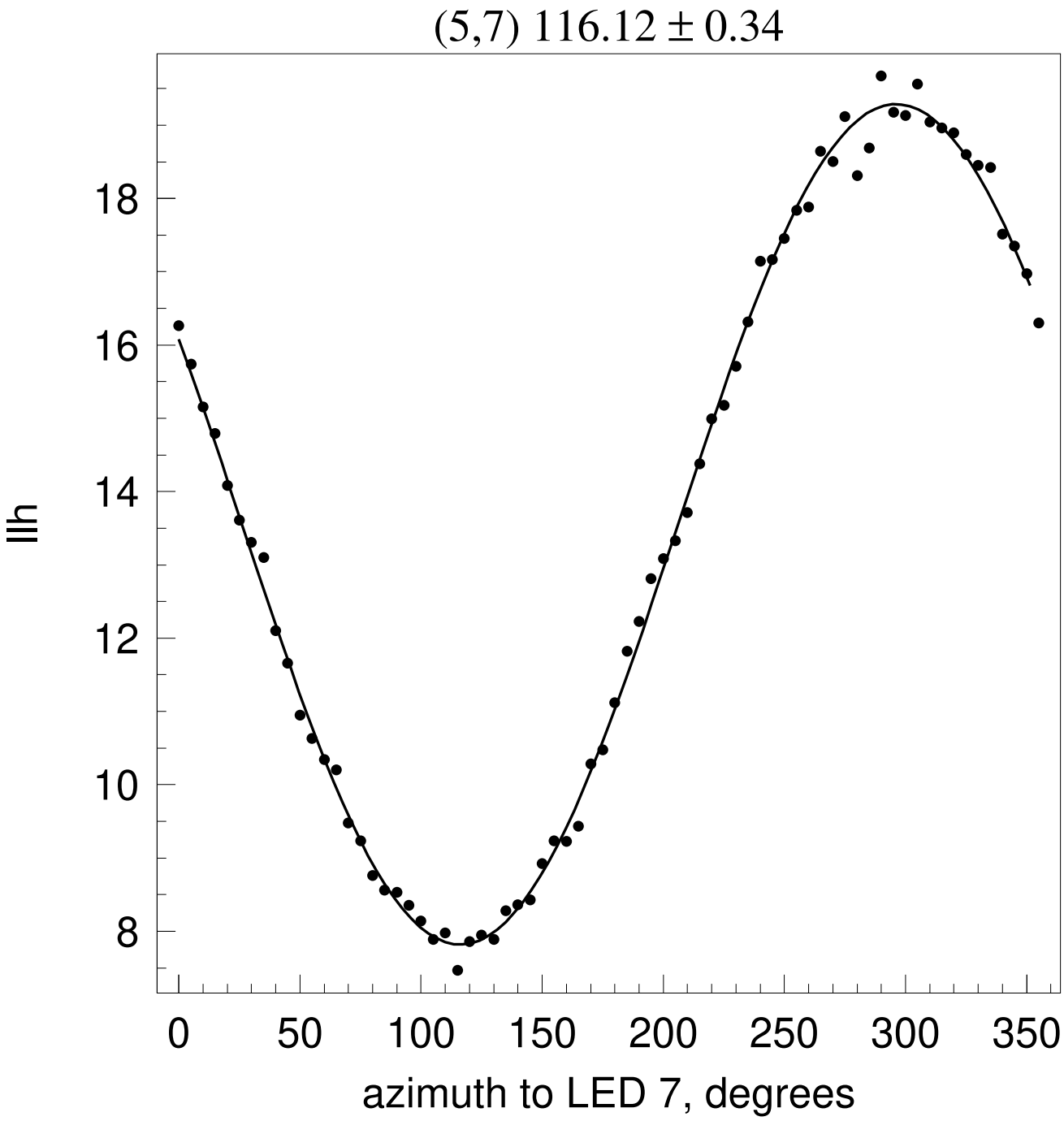

(5,2) 104.47 ± 0.17
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

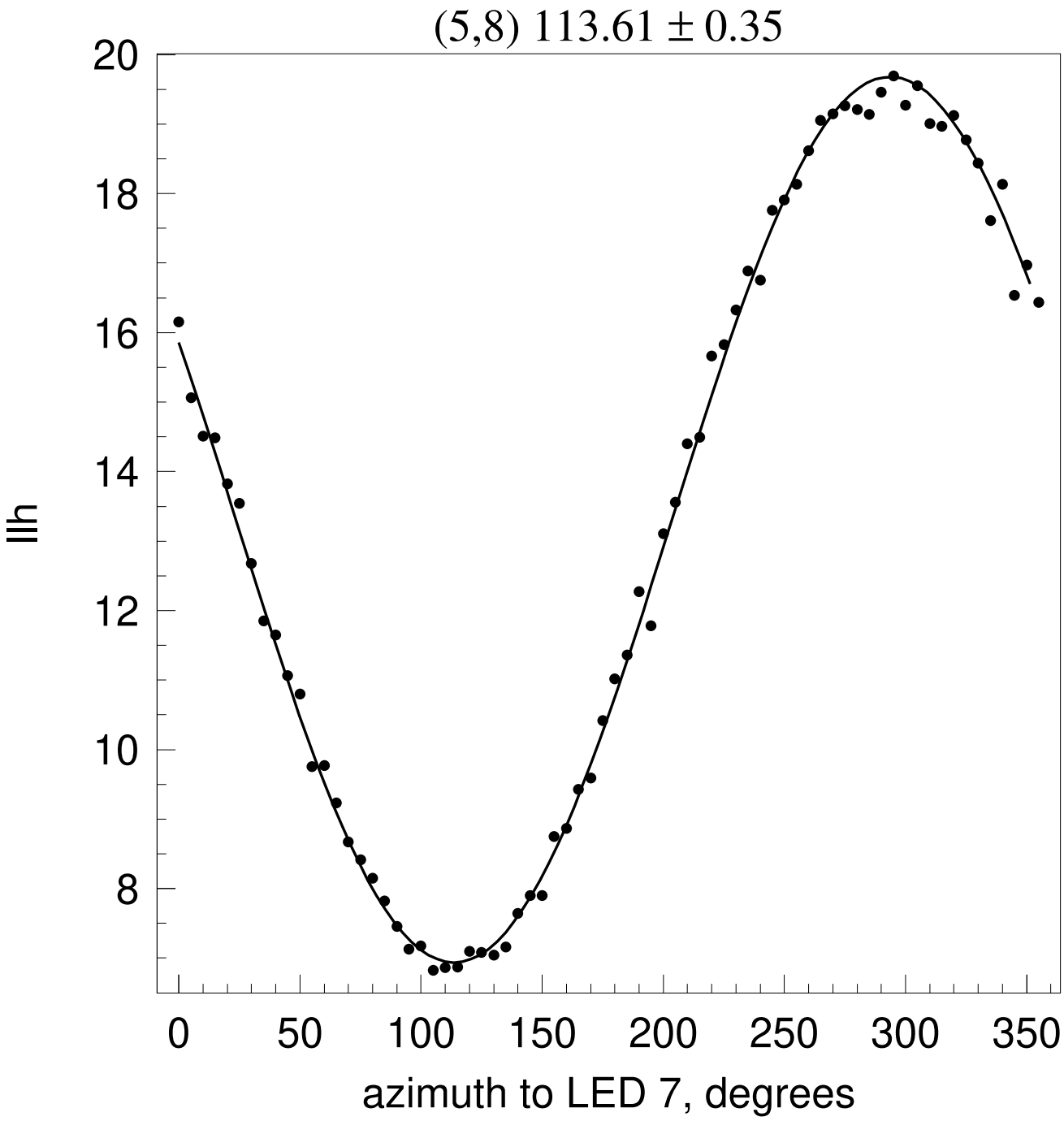

(5,3) 112.62 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

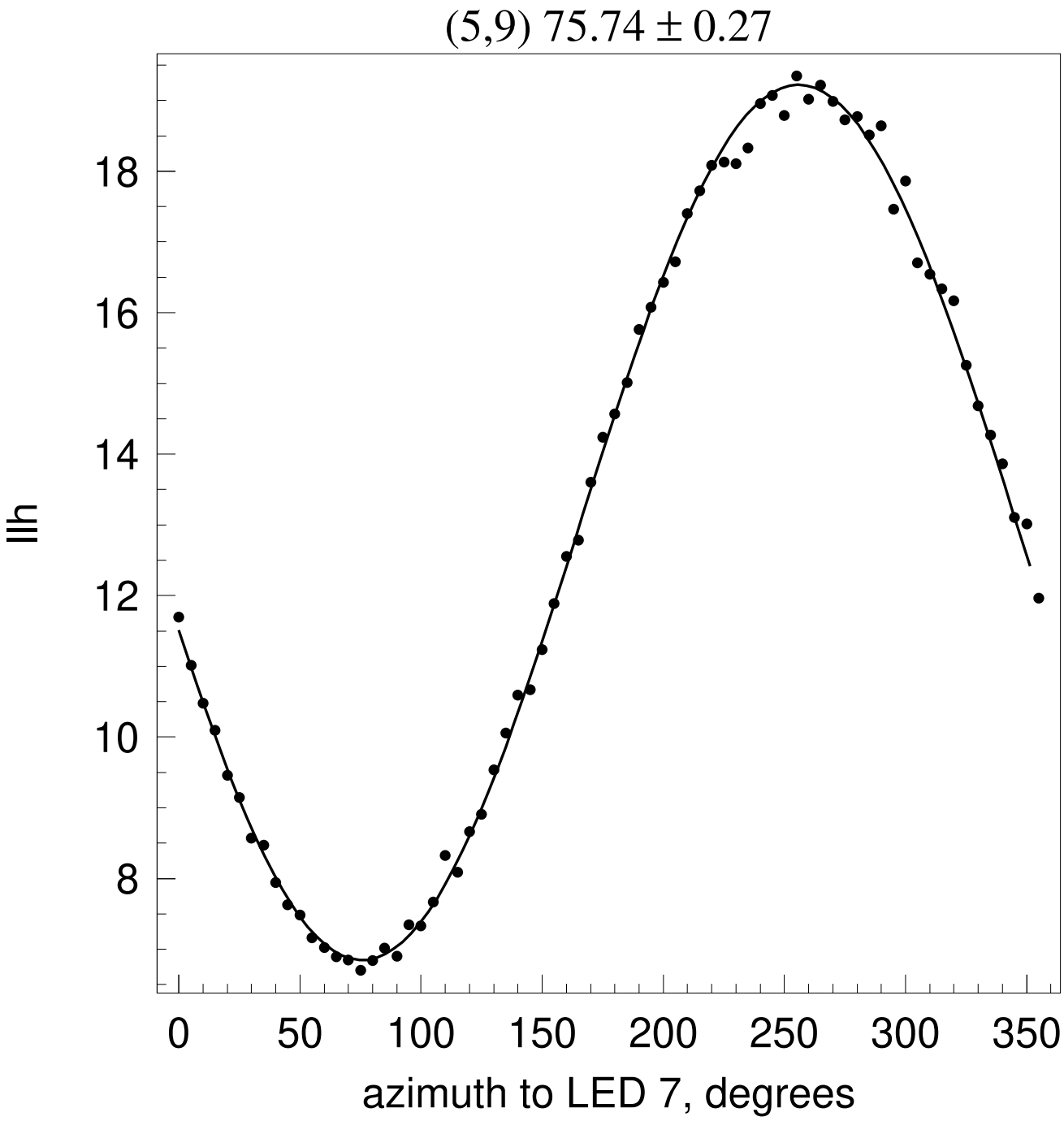

(5,4) 20.90 ± 0.24
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

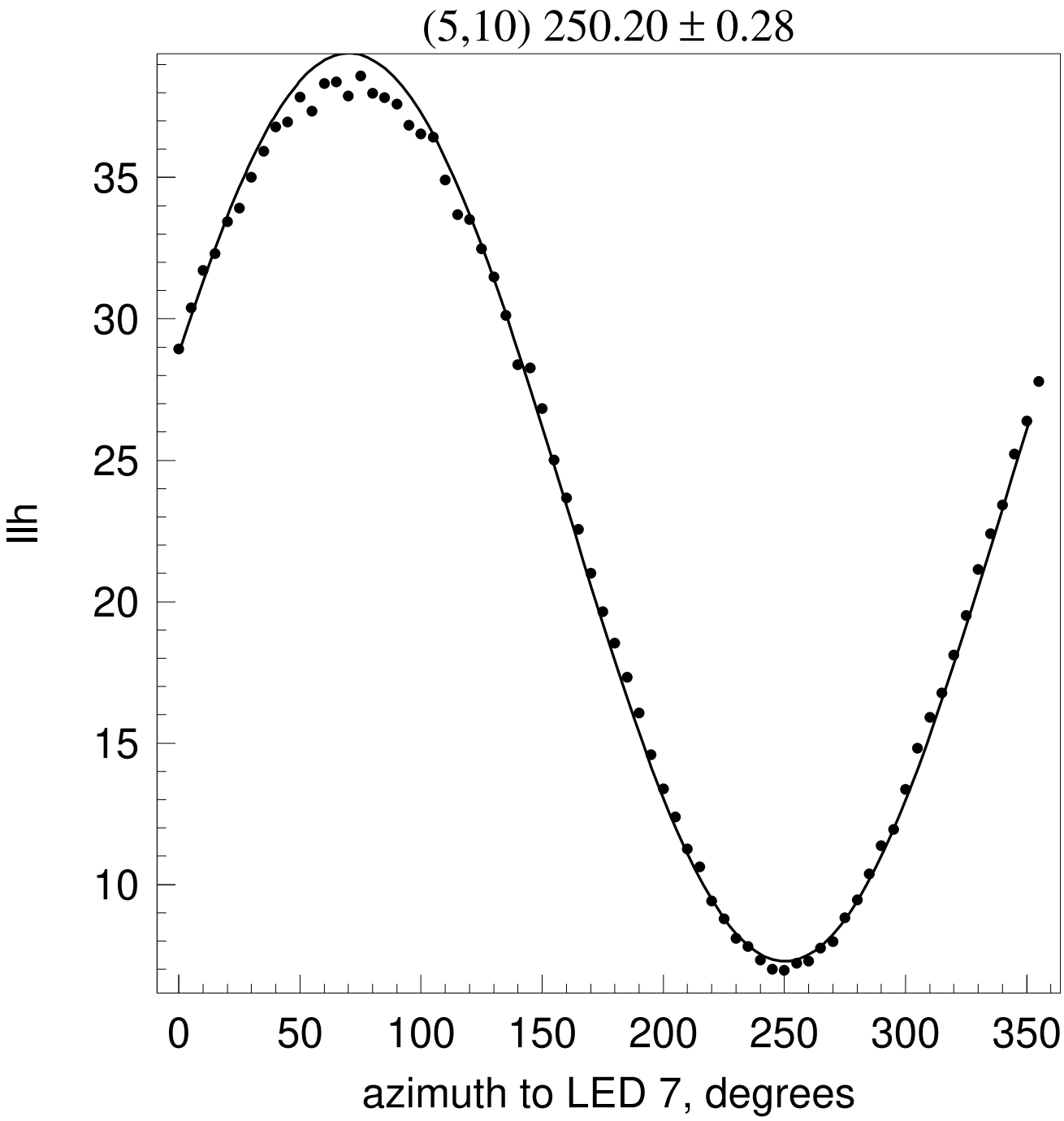

(5,5) 155.57 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

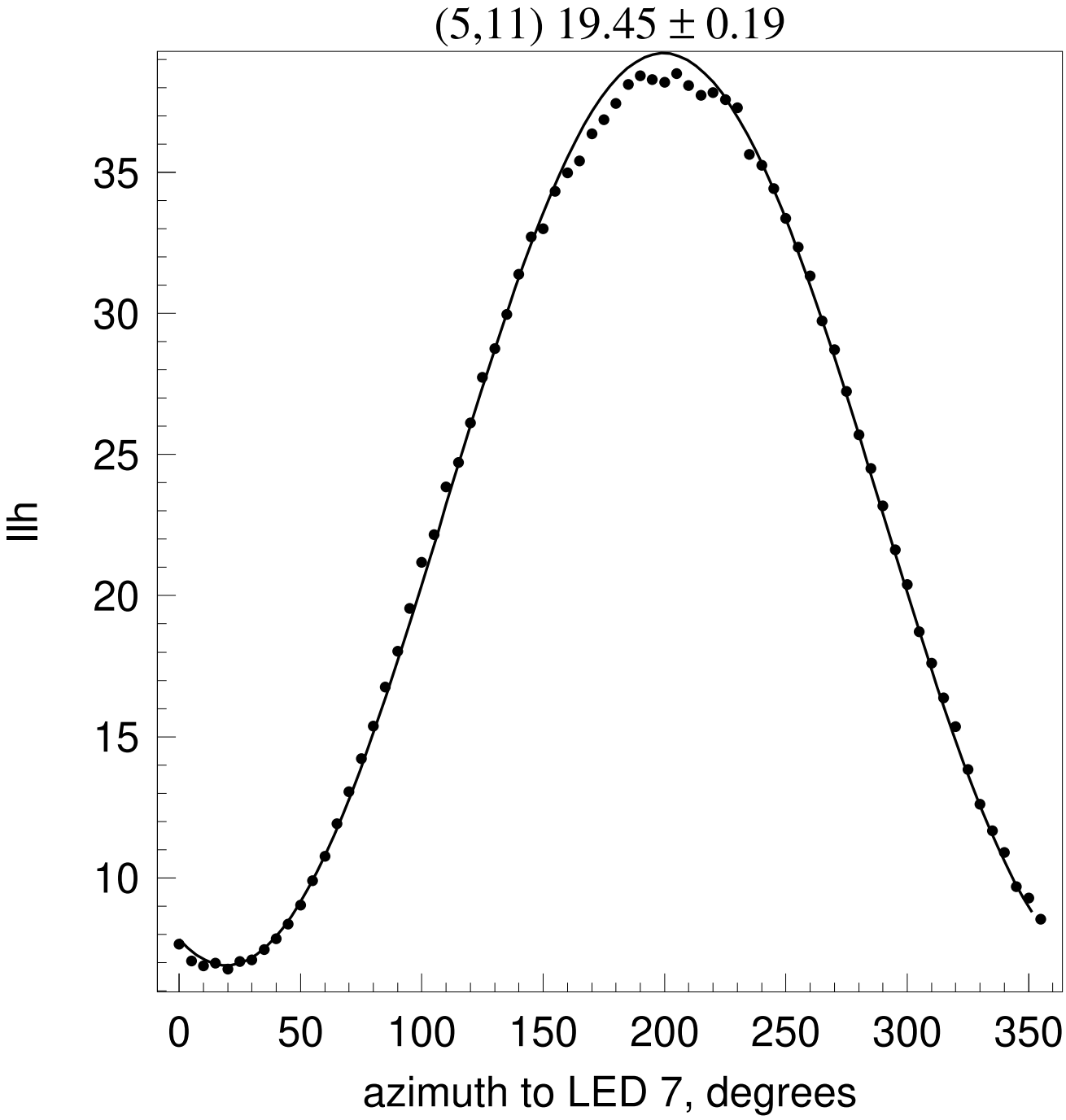

(5,6) 40.97 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

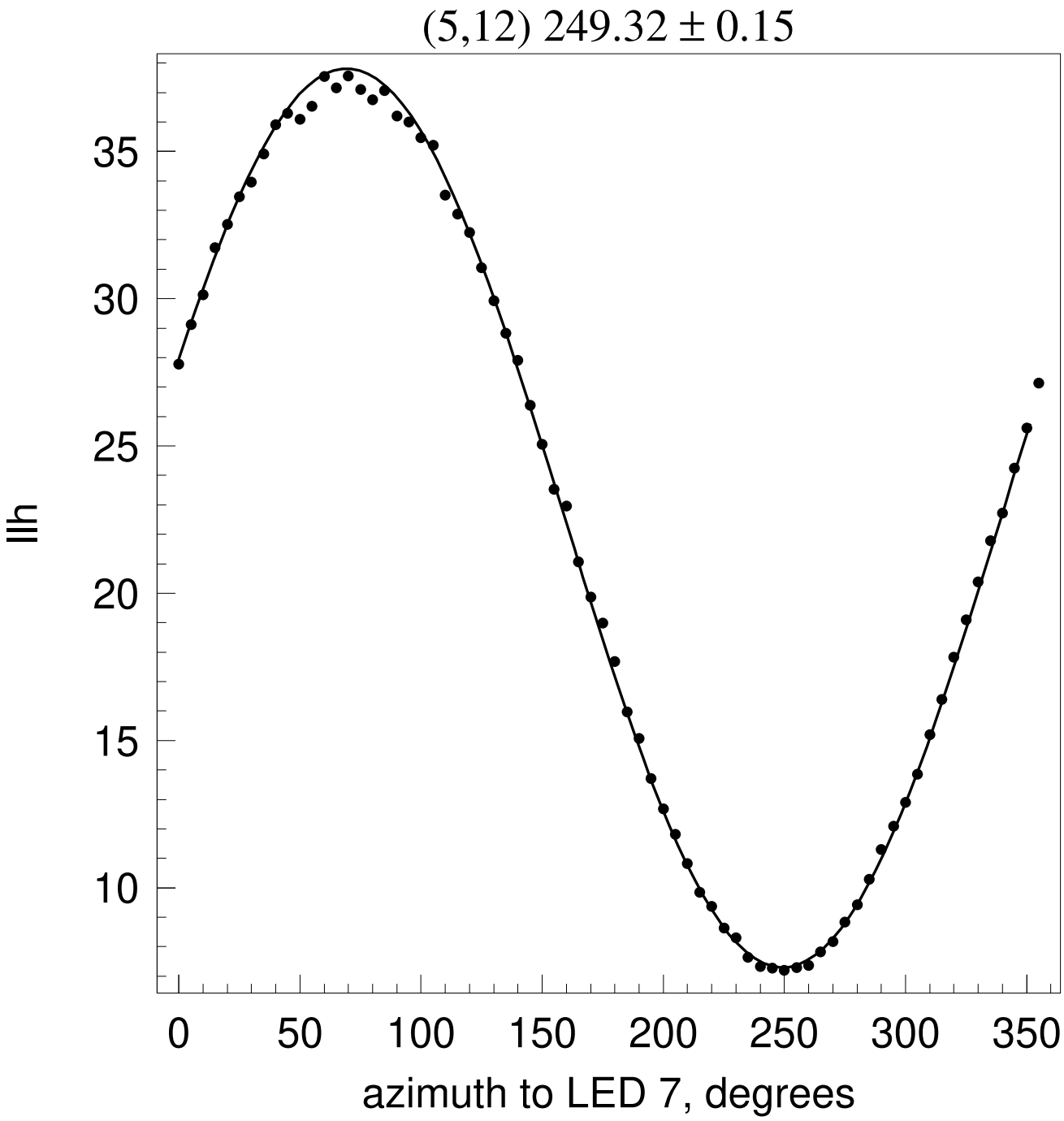

(5,7) 116.12 ± 0.34
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

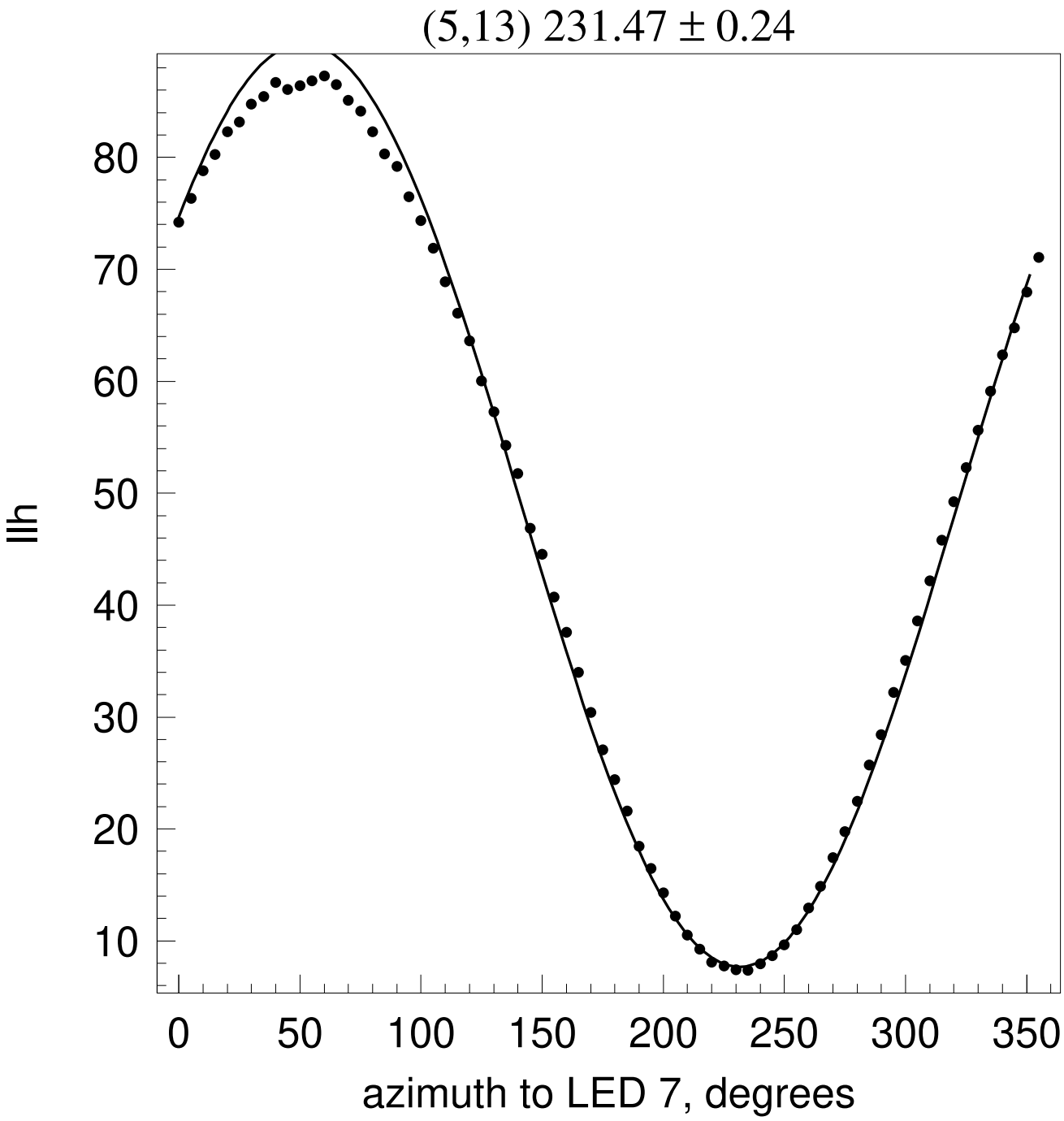

(5,8) 113.61 ± 0.35
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

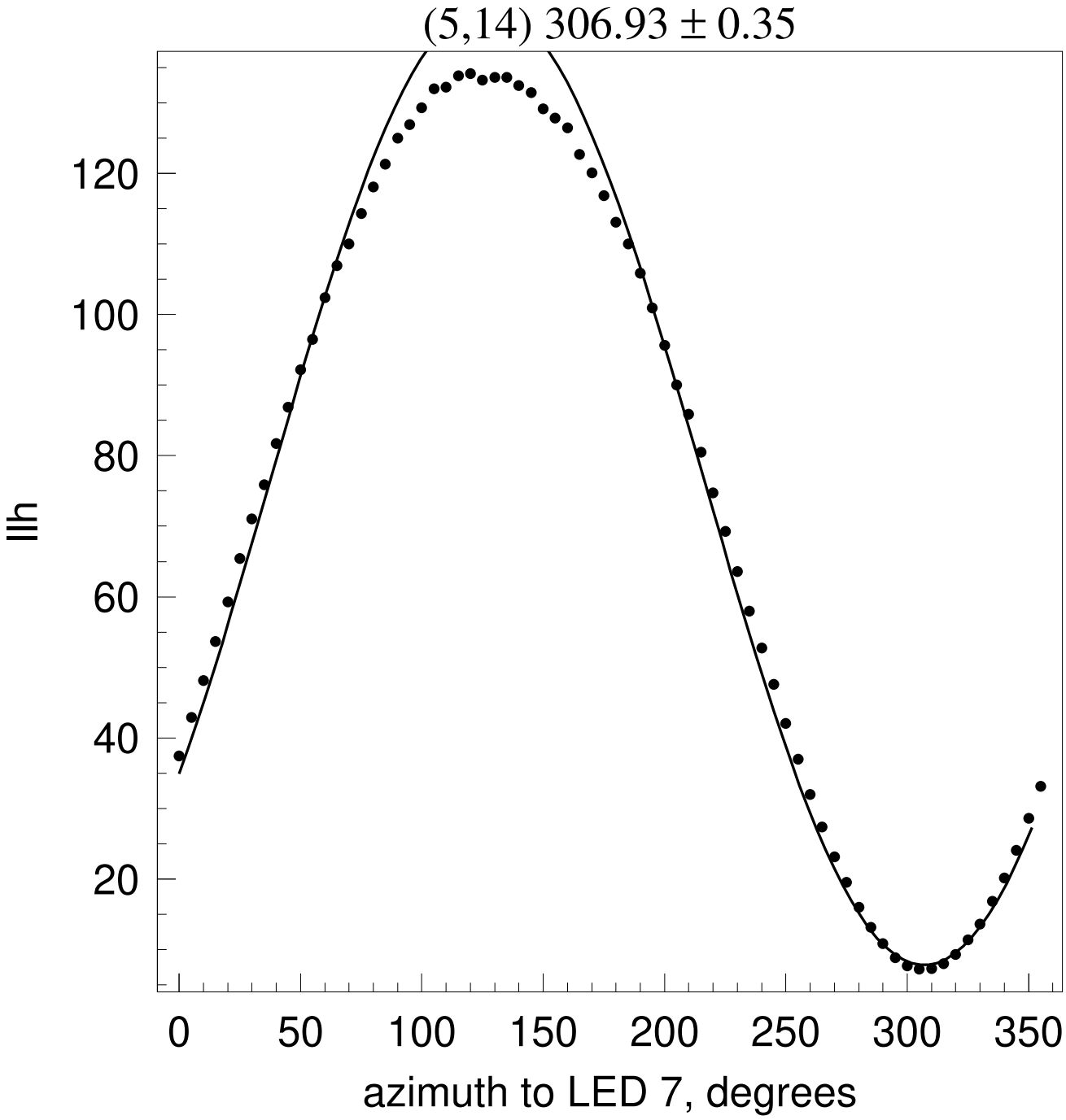

(5,9) 75.74 ± 0.27
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

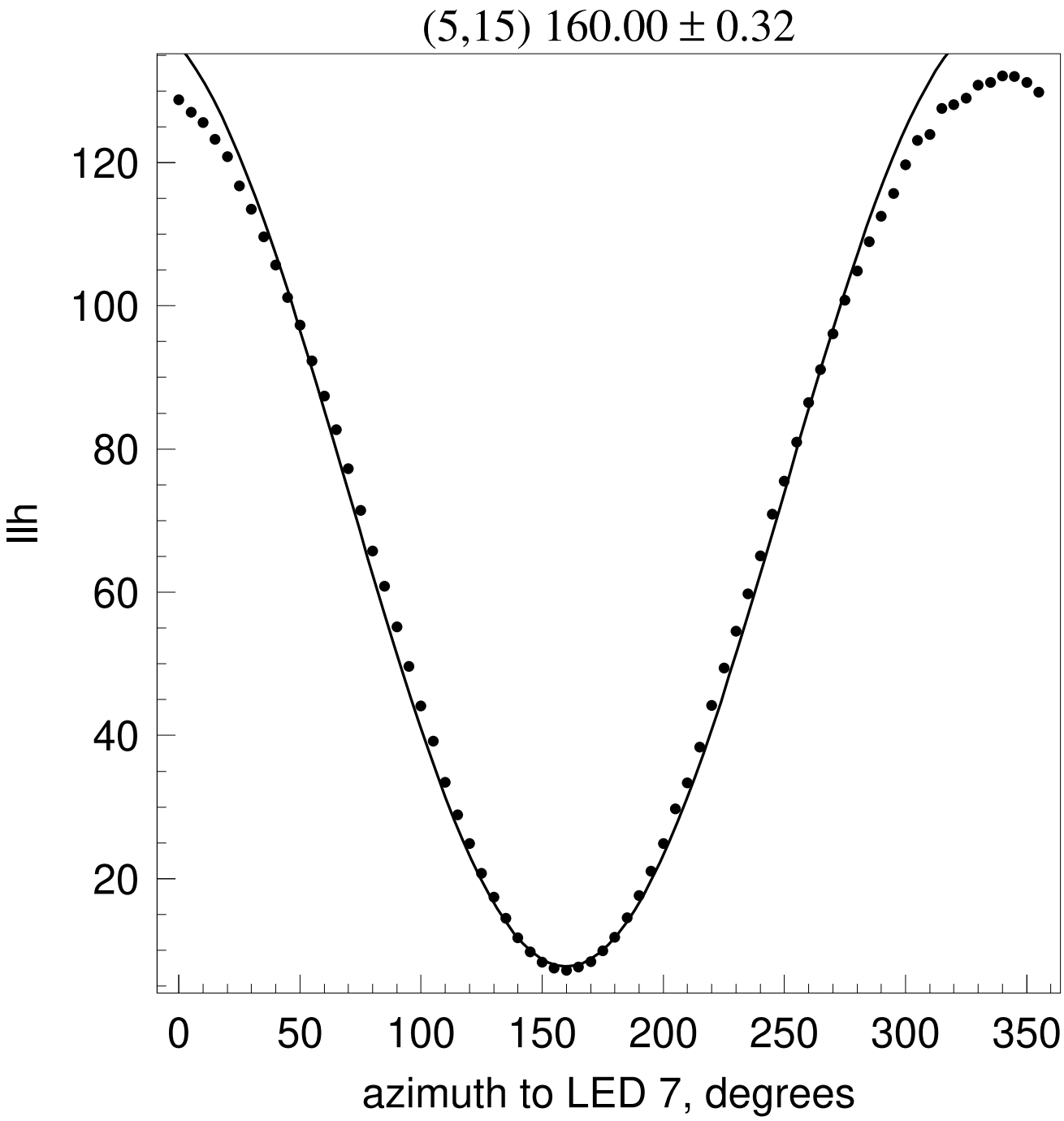

(5,10) 250.20 ± 0.28
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

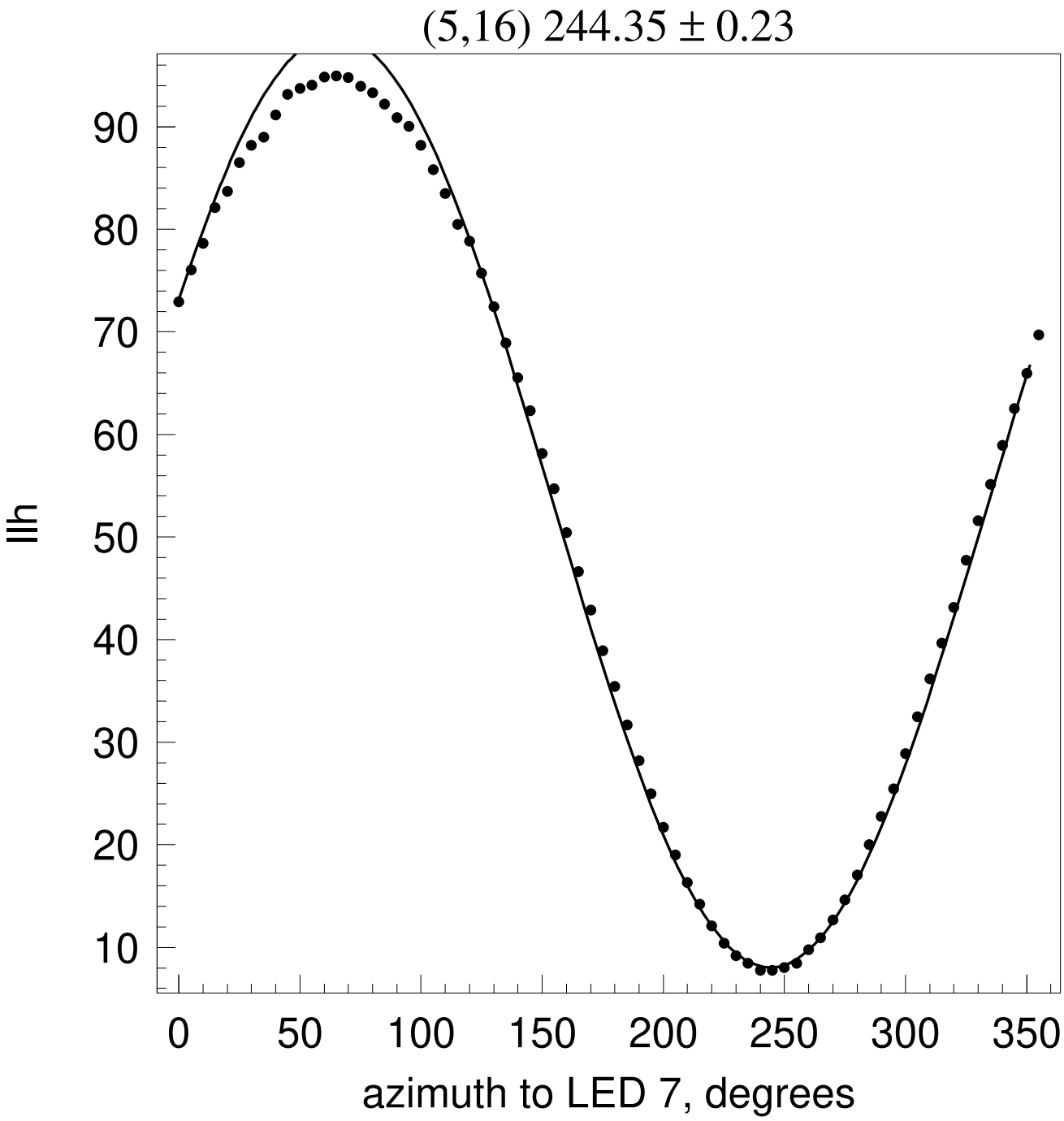

(5,11) 19.45 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

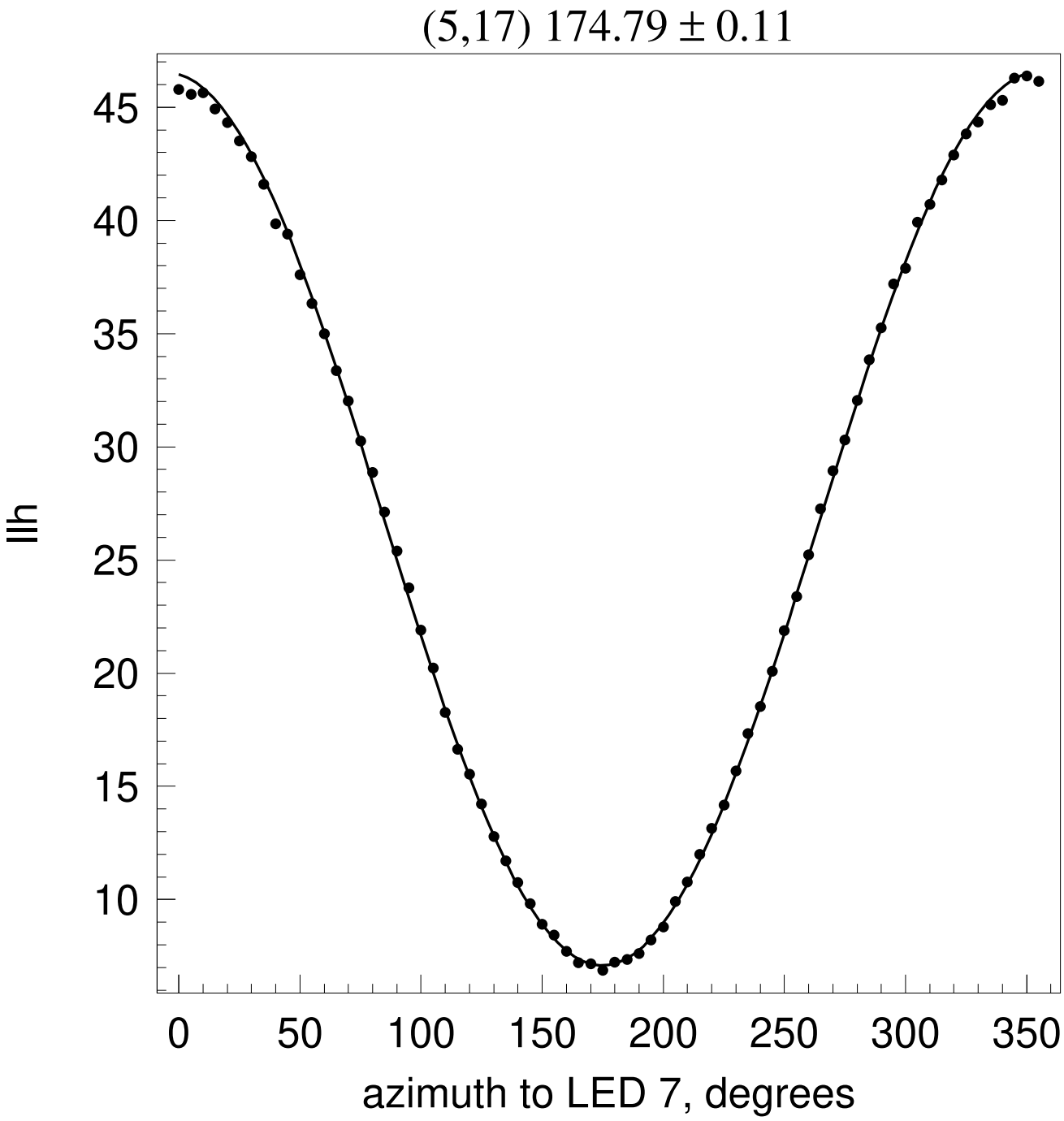

(5,12) 249.32 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

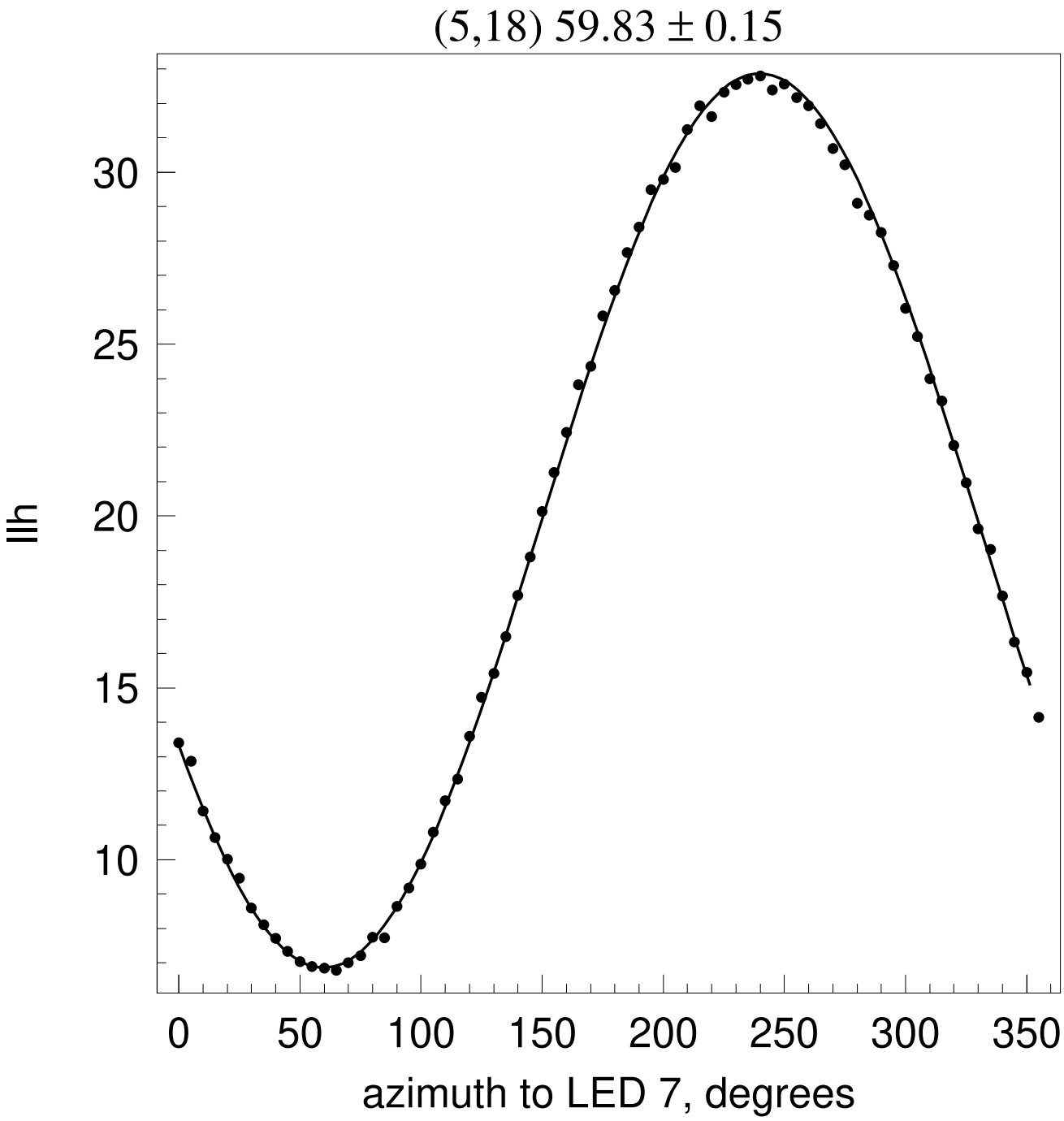

(5,13) 231.47 ± 0.24
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

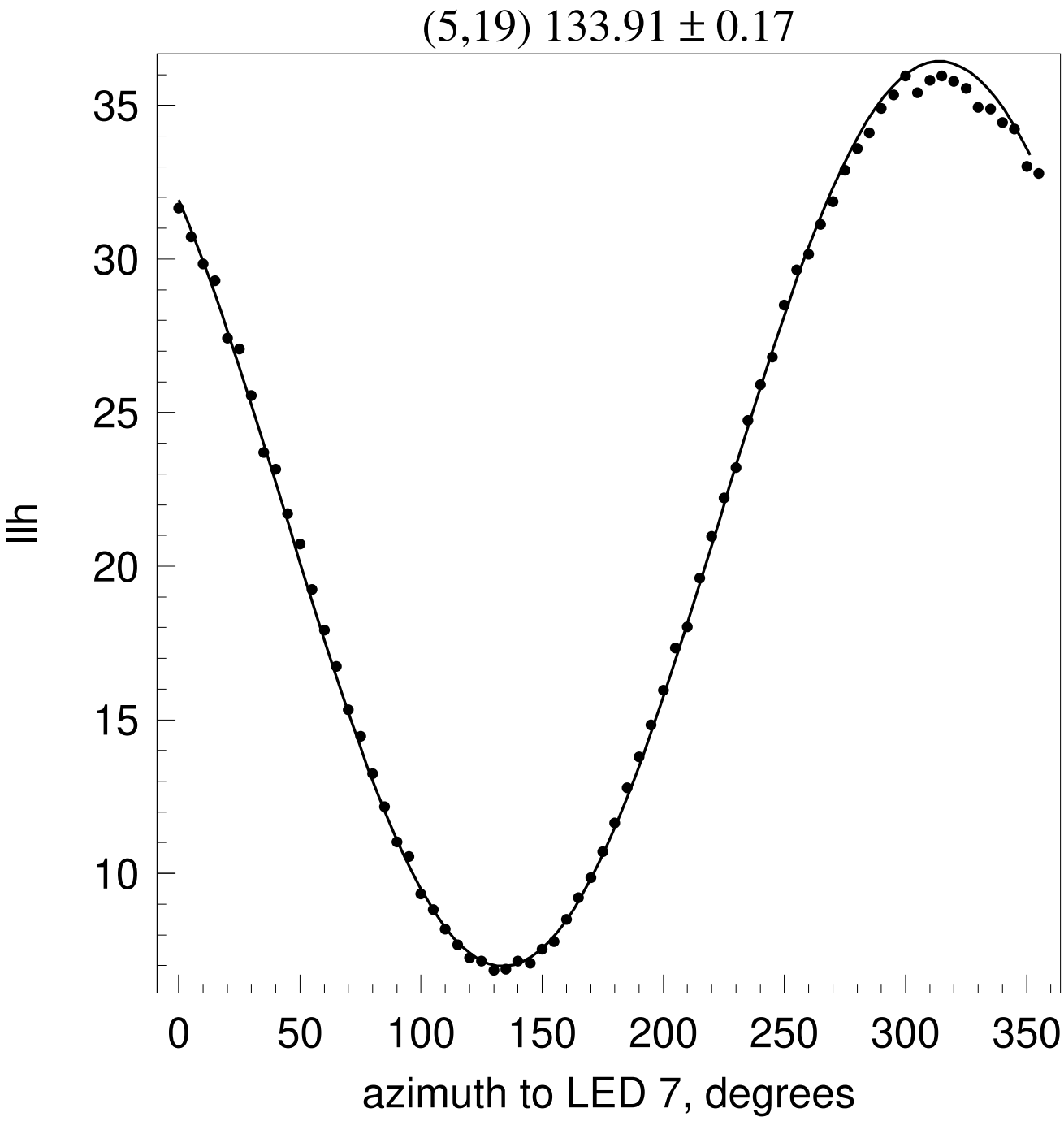

(5,14) 306.93 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

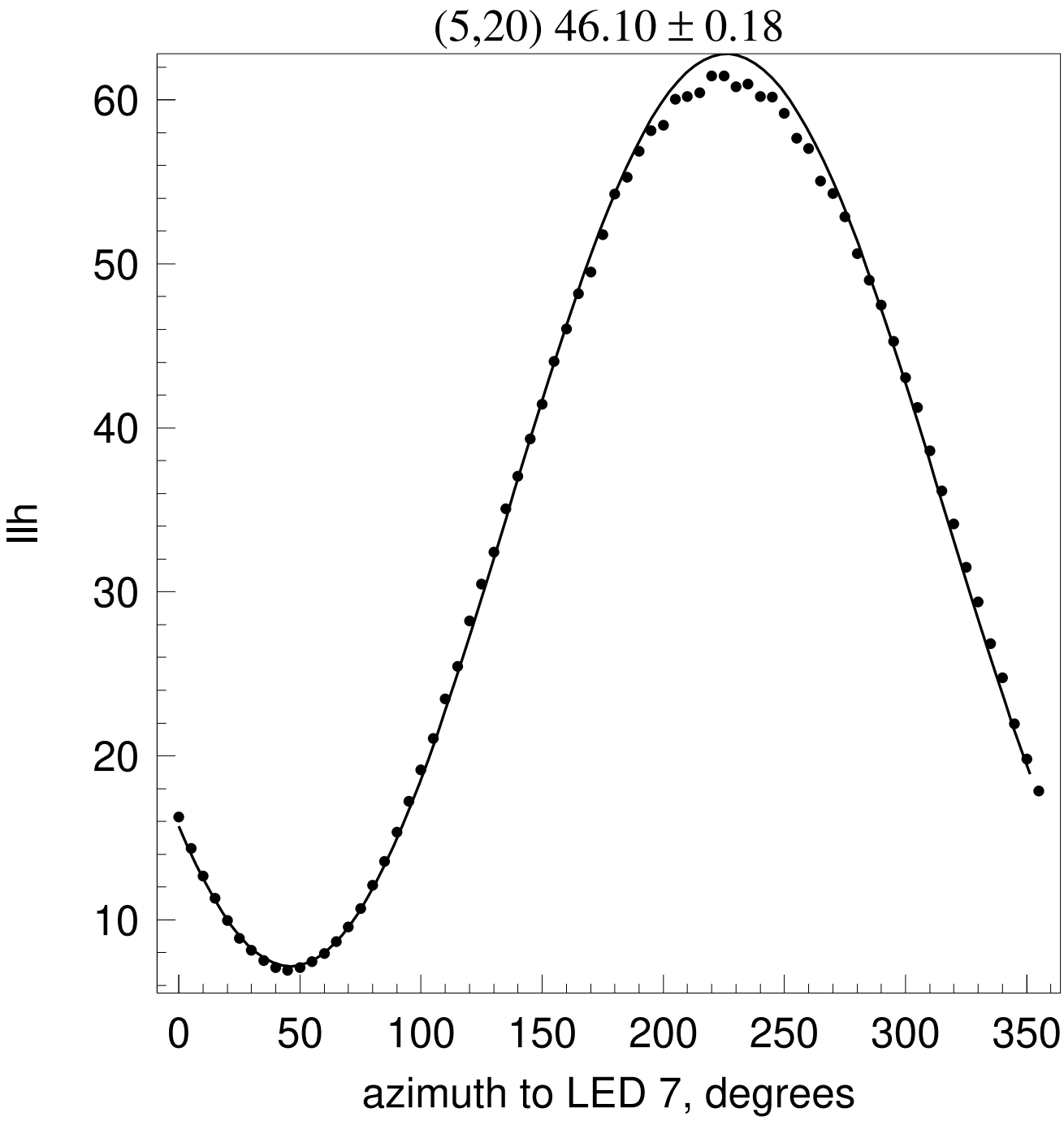

(5,15) 160.00 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

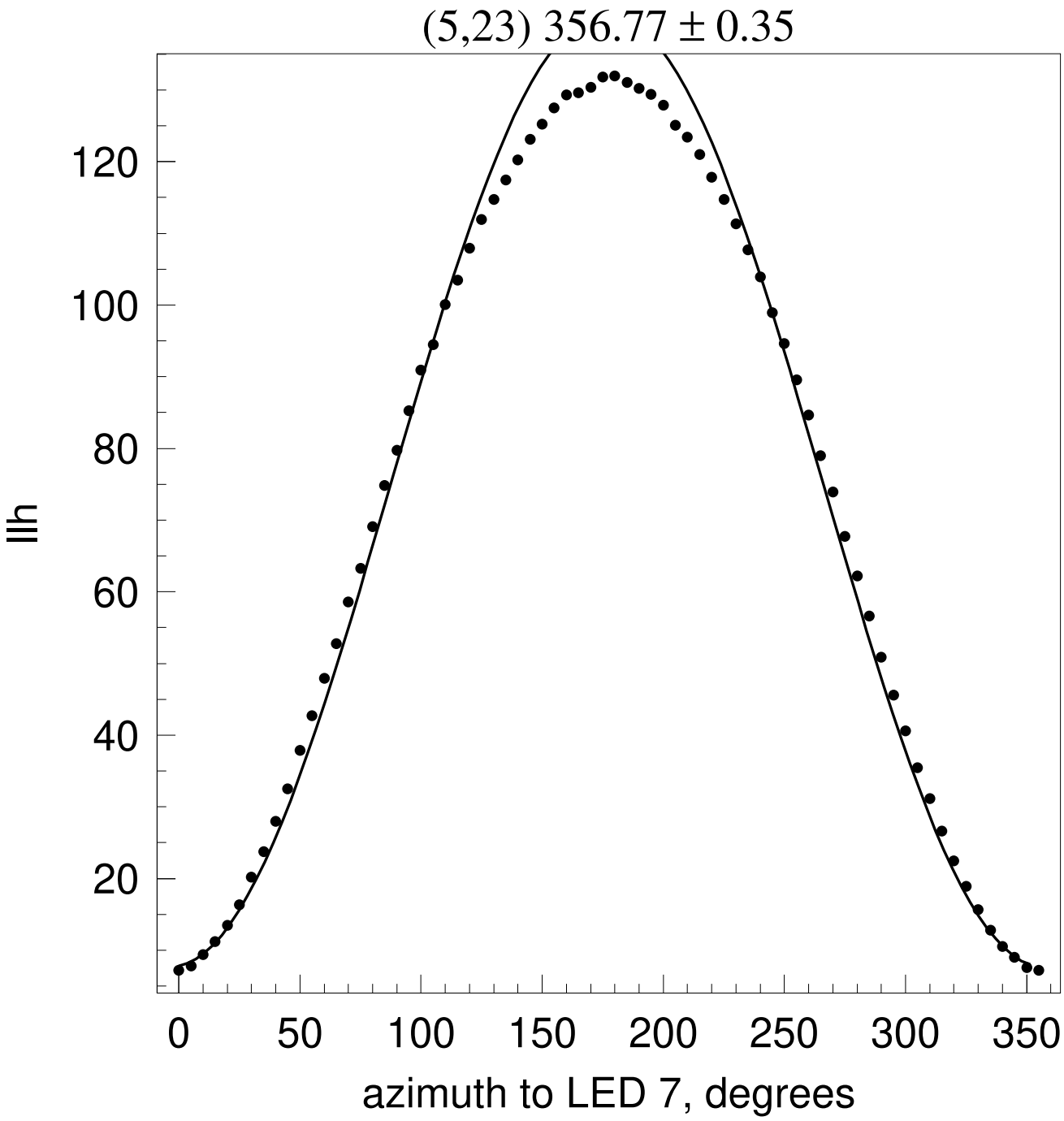

(5,16) 244.35 ± 0.23
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

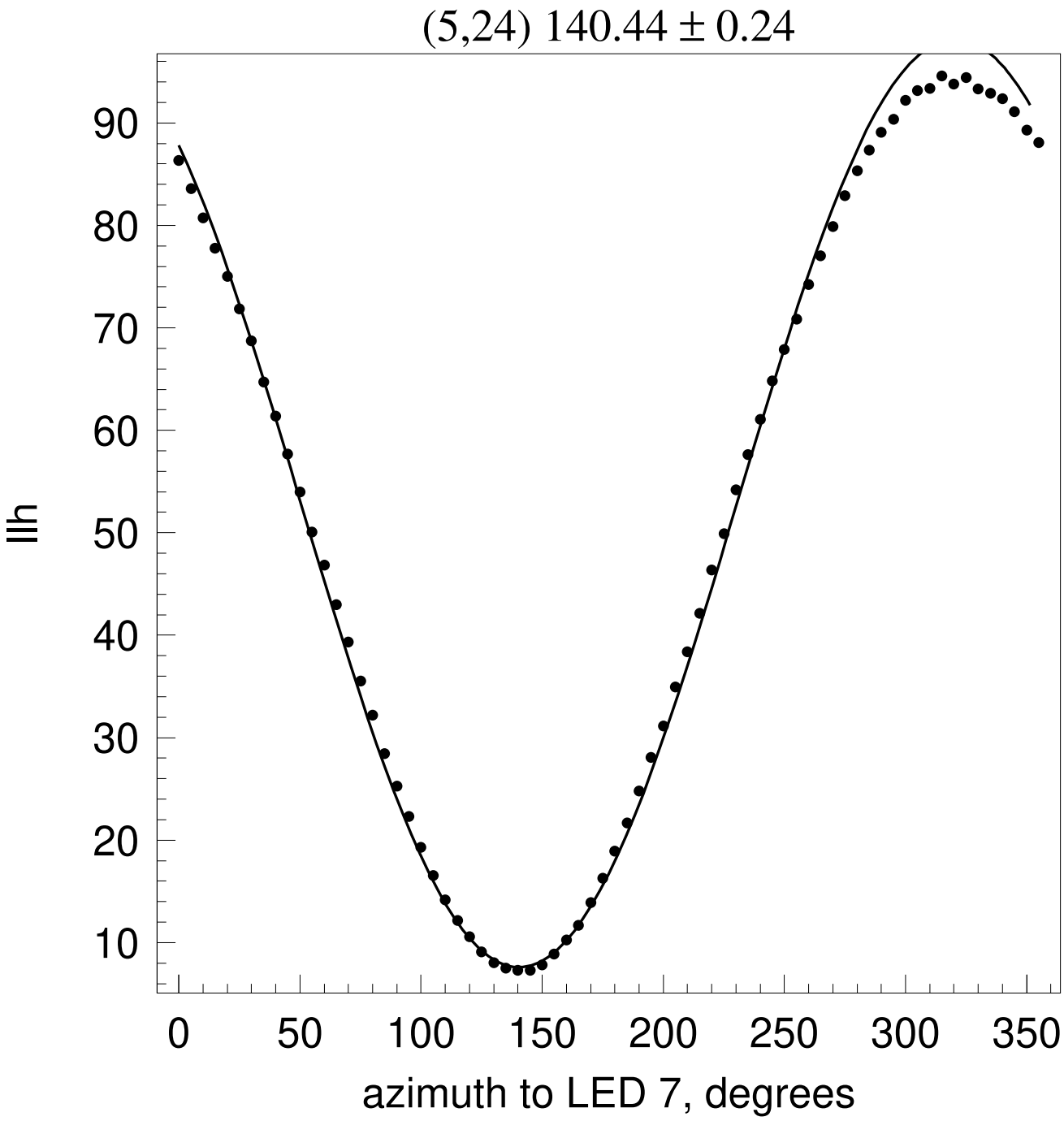

(5,17) 174.79 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

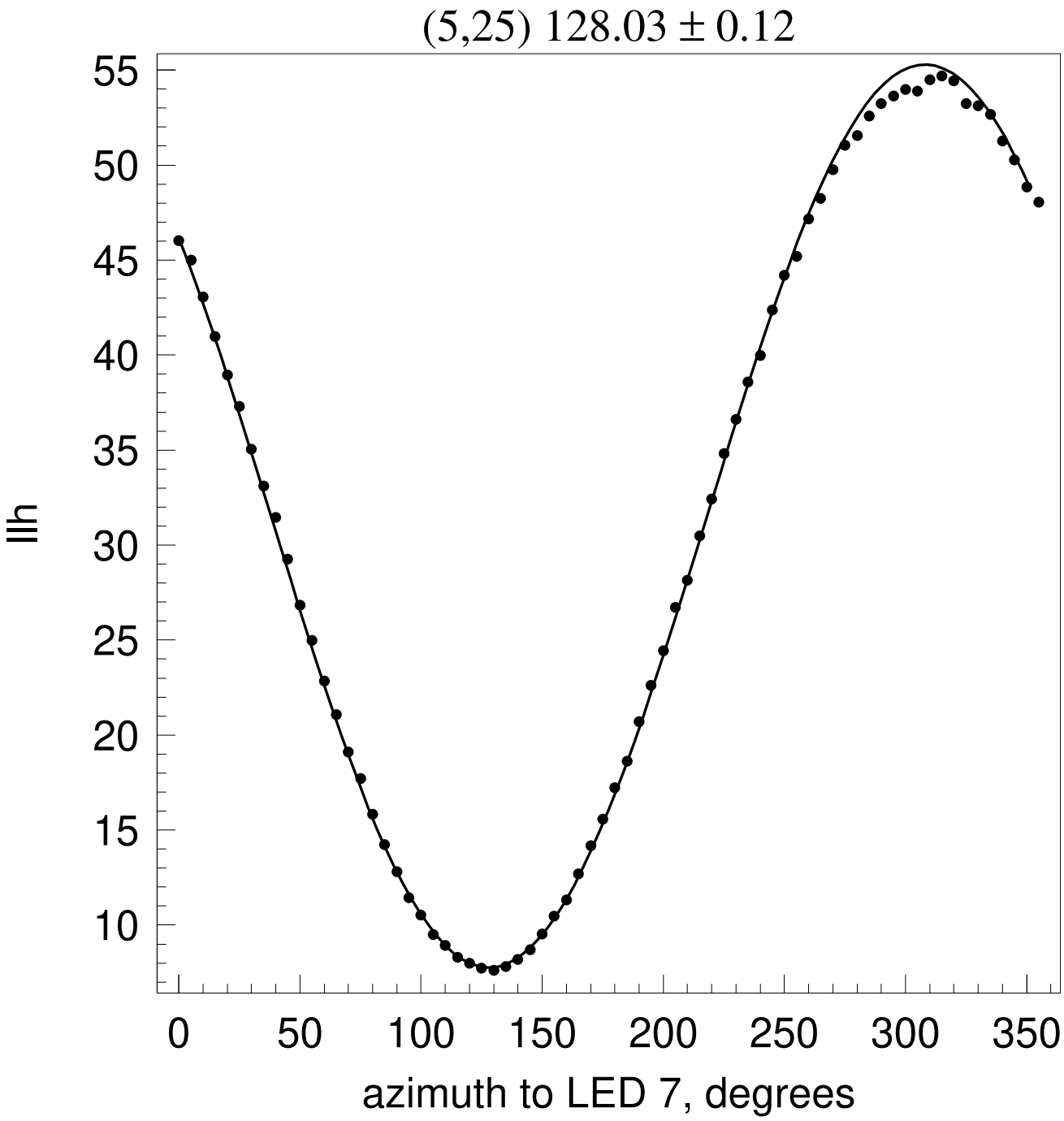

(5,18) 59.83 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

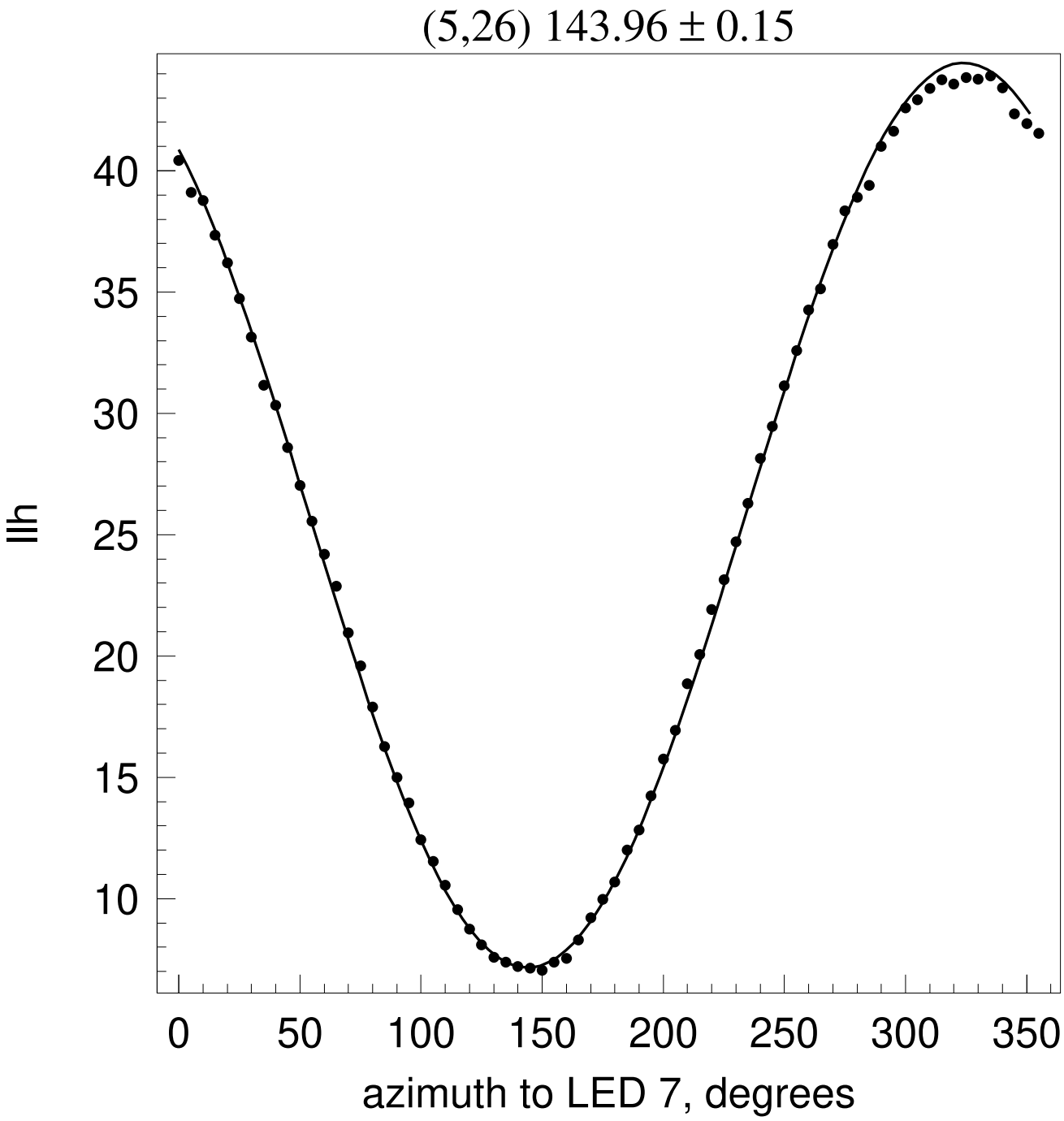

(5,19) 133.91 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

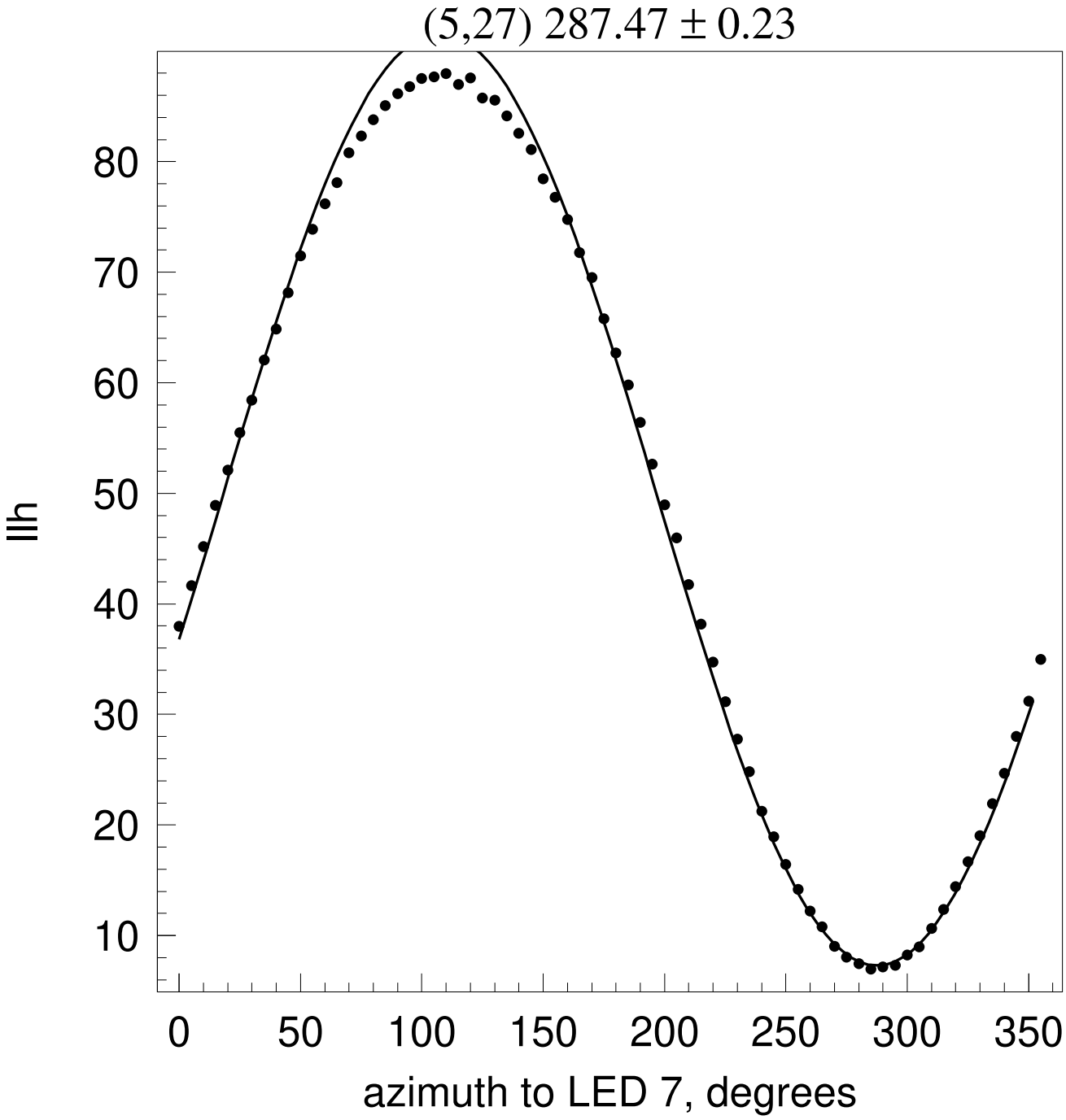

(5,20) 46.10 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

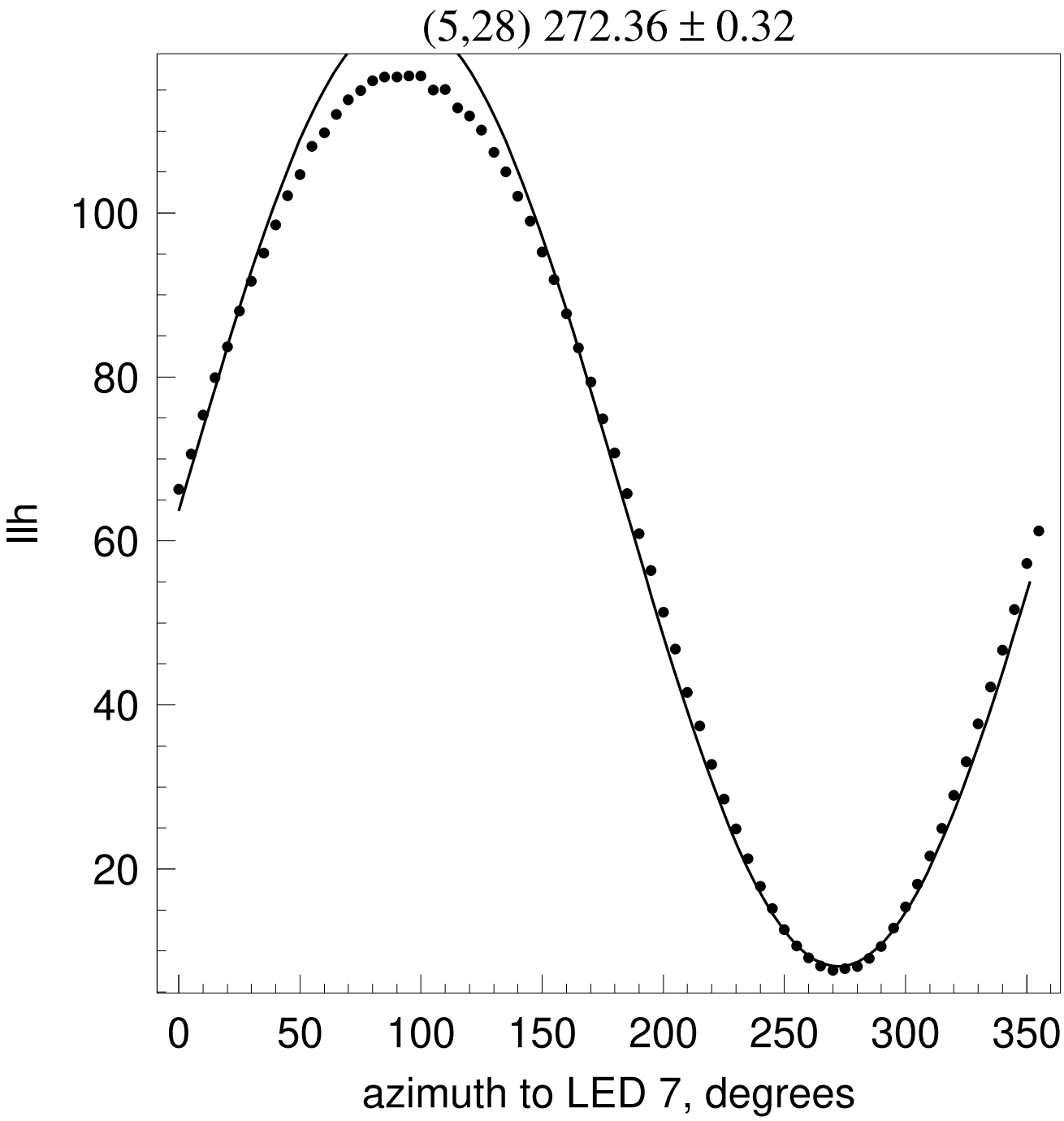

(5,23) 356.77 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

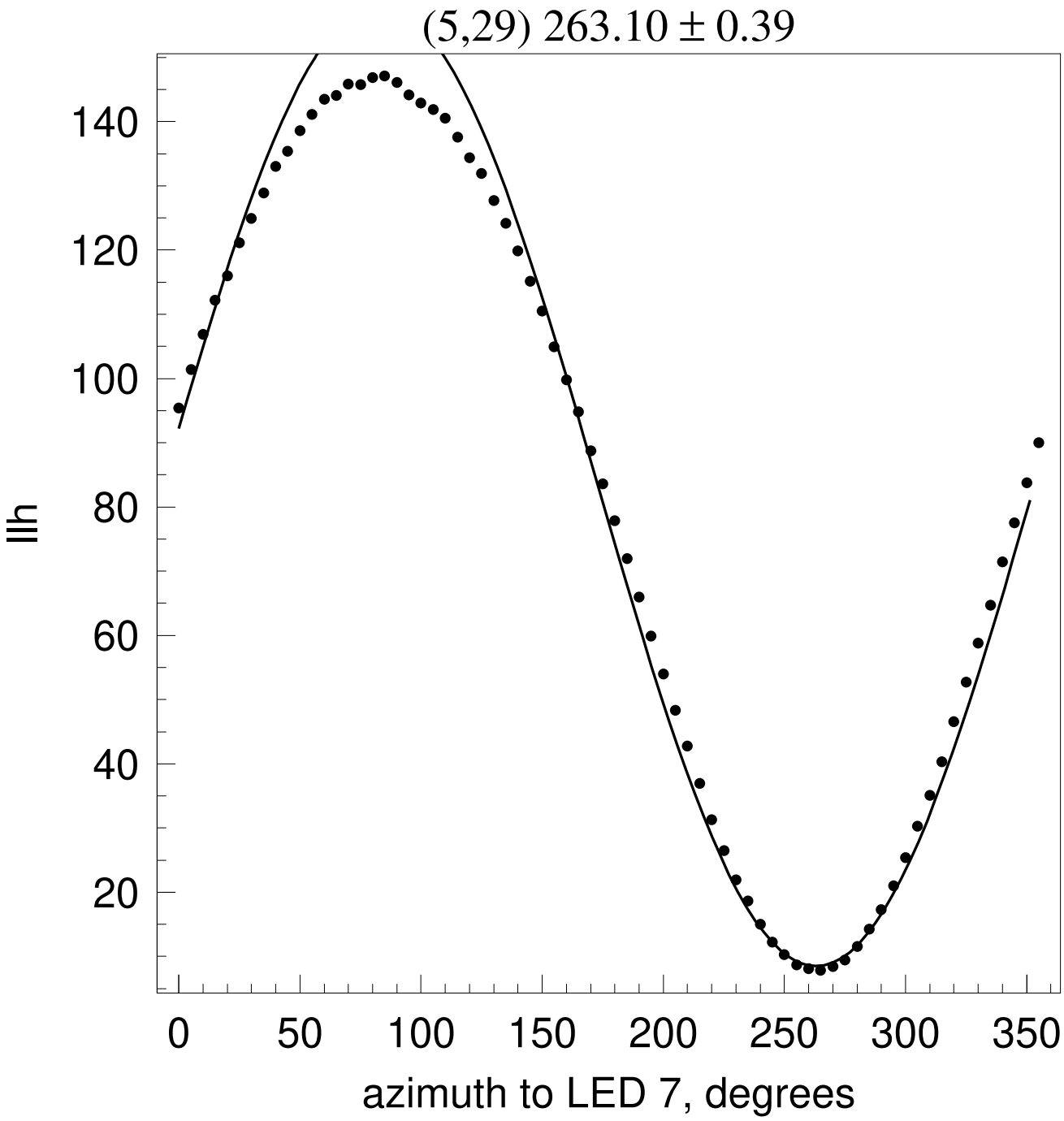

(5,24) 140.44 ± 0.24
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

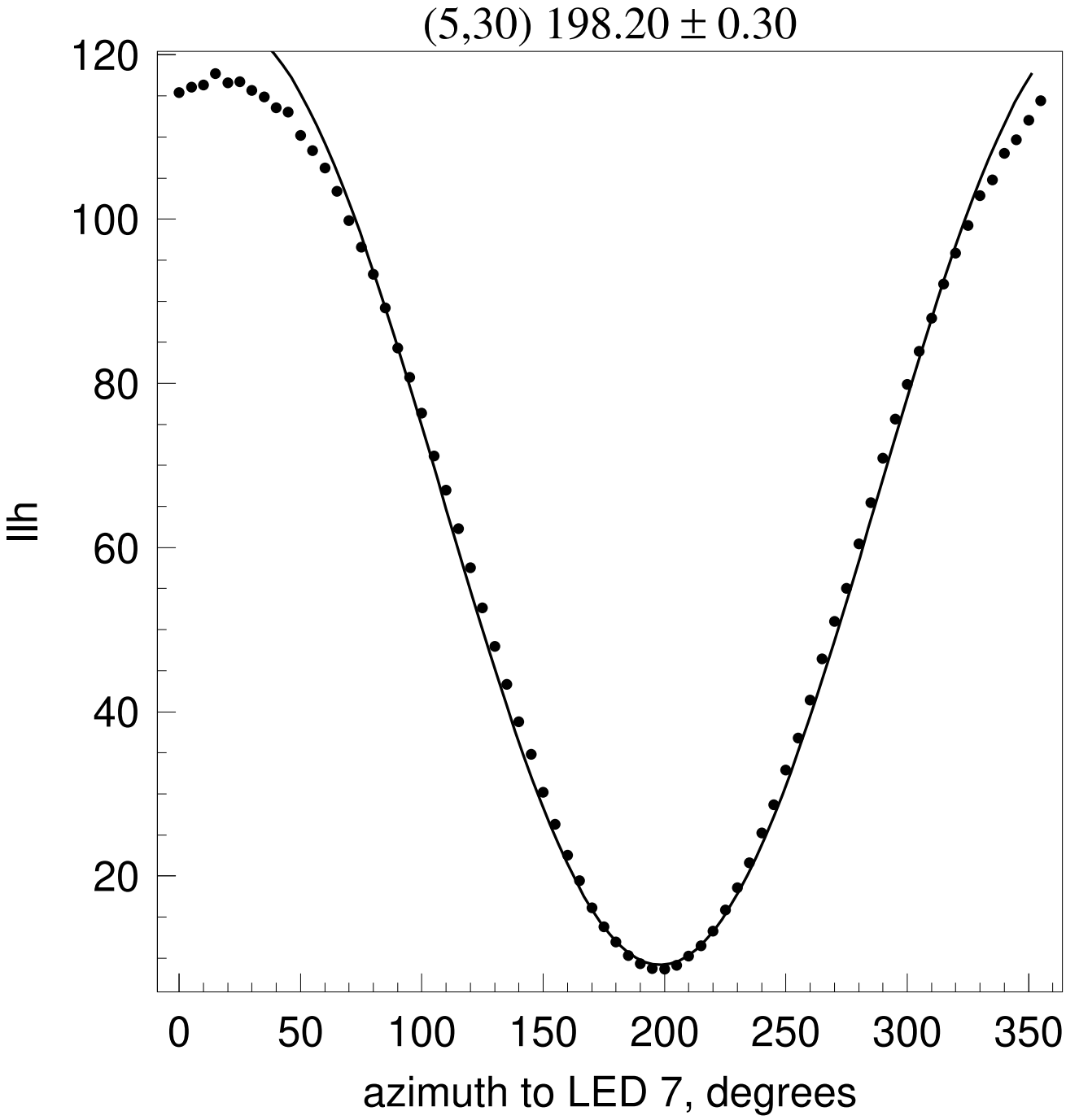

(5,25) 128.03 ± 0.12
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

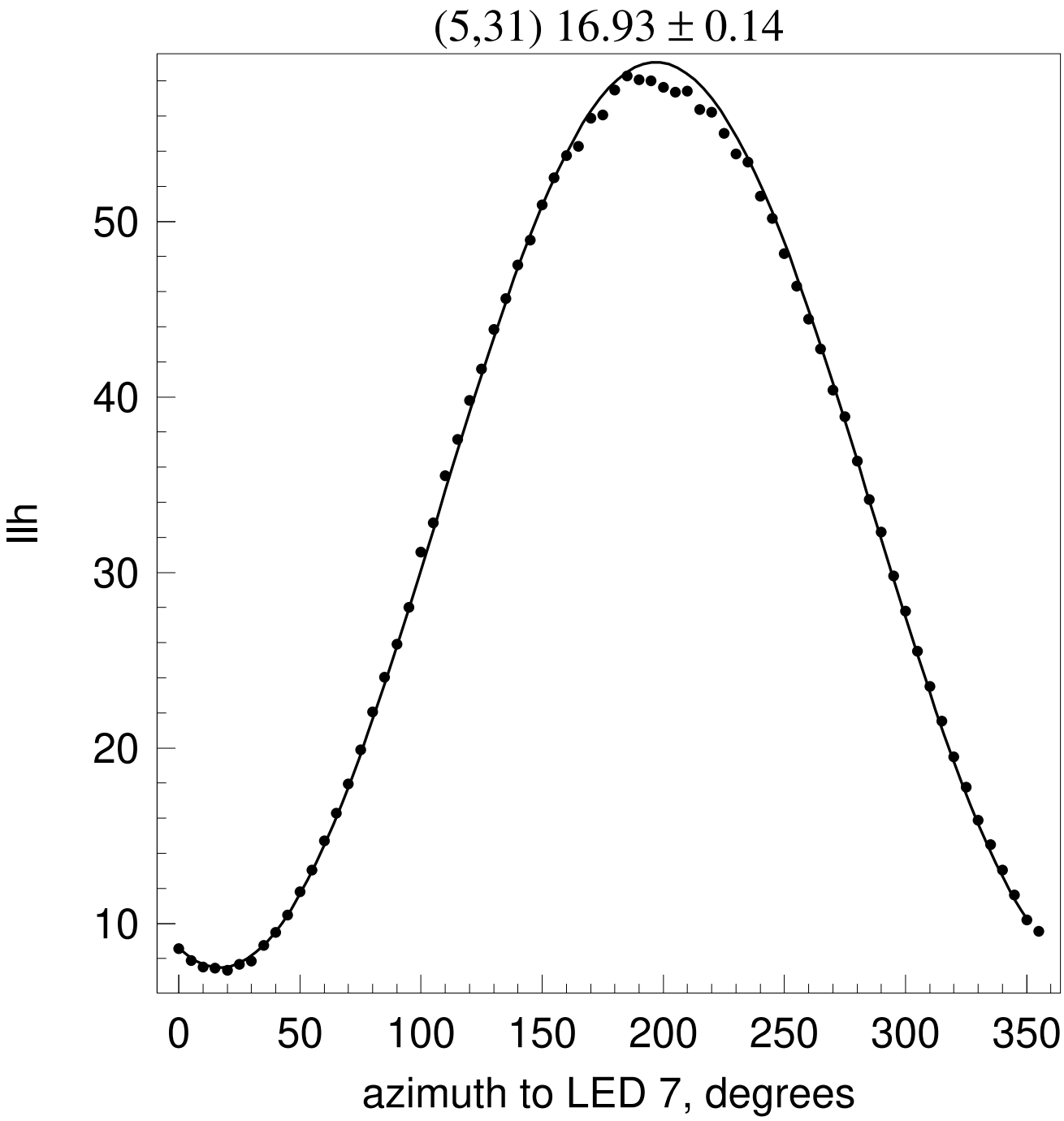

(5,26) 143.96 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

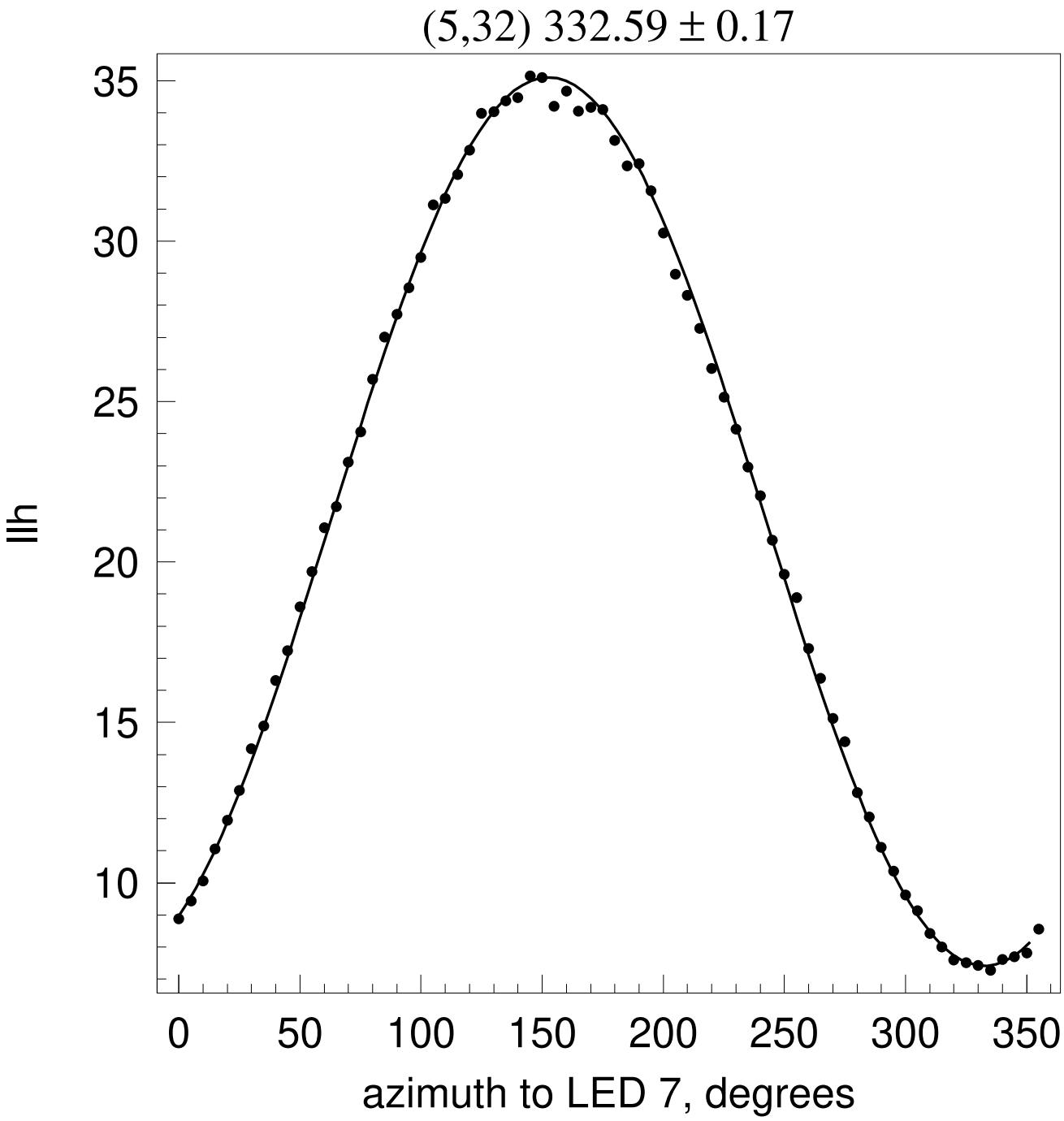

(5,27) 287.47 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

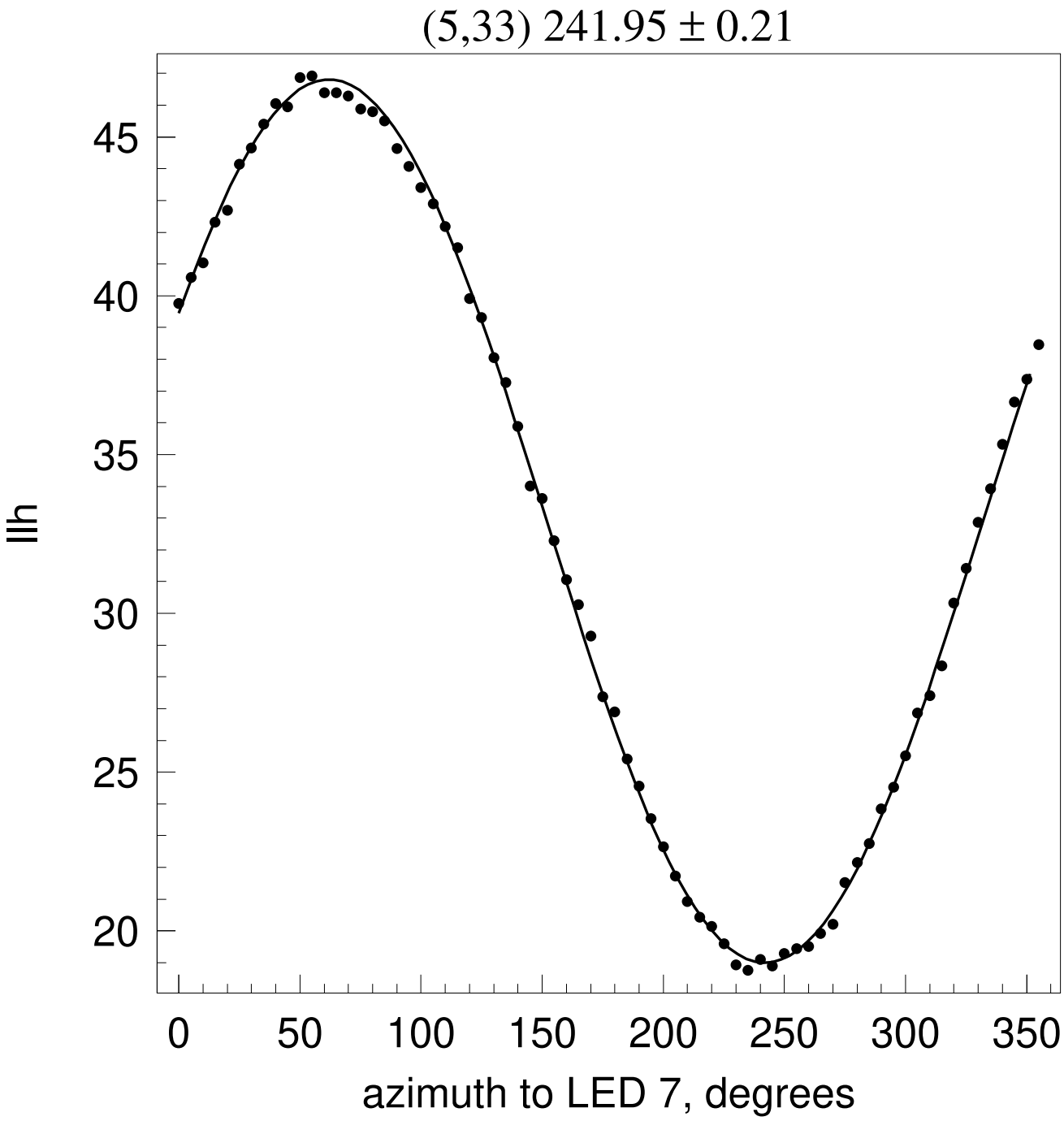

(5,28) 272.36 ± 0.32
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

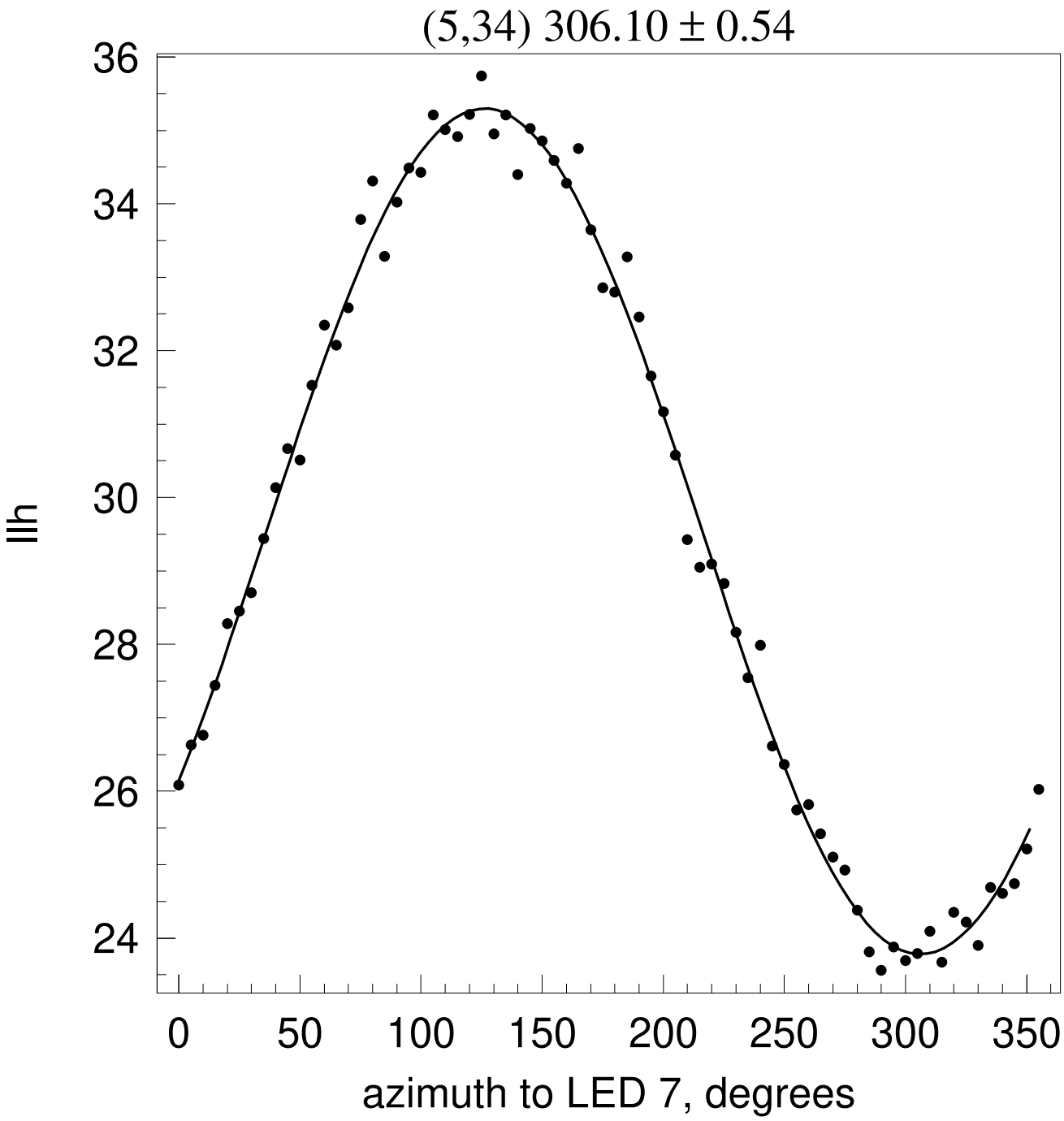

(5,29) 263.10 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

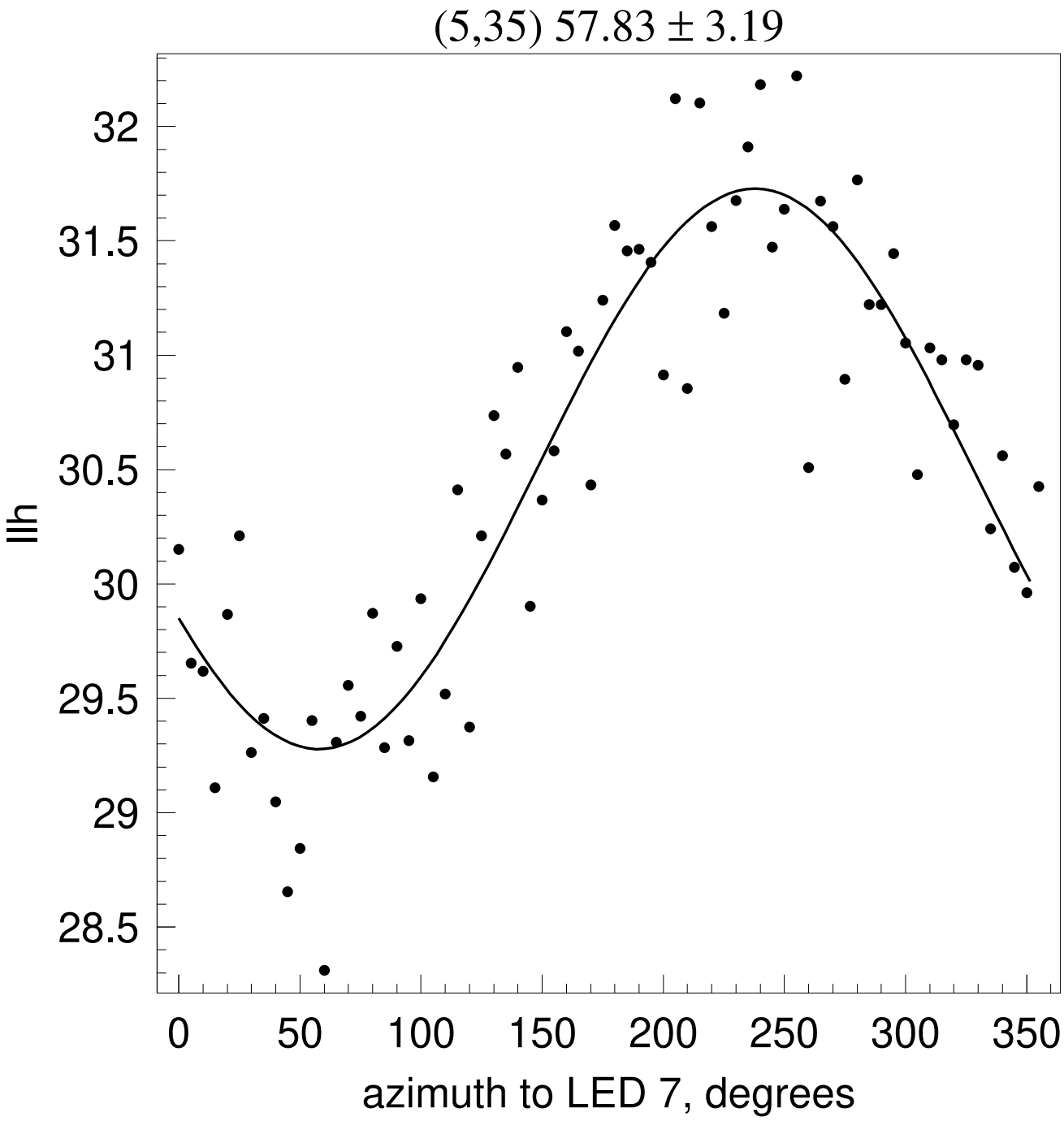

(5,30) 198.20 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

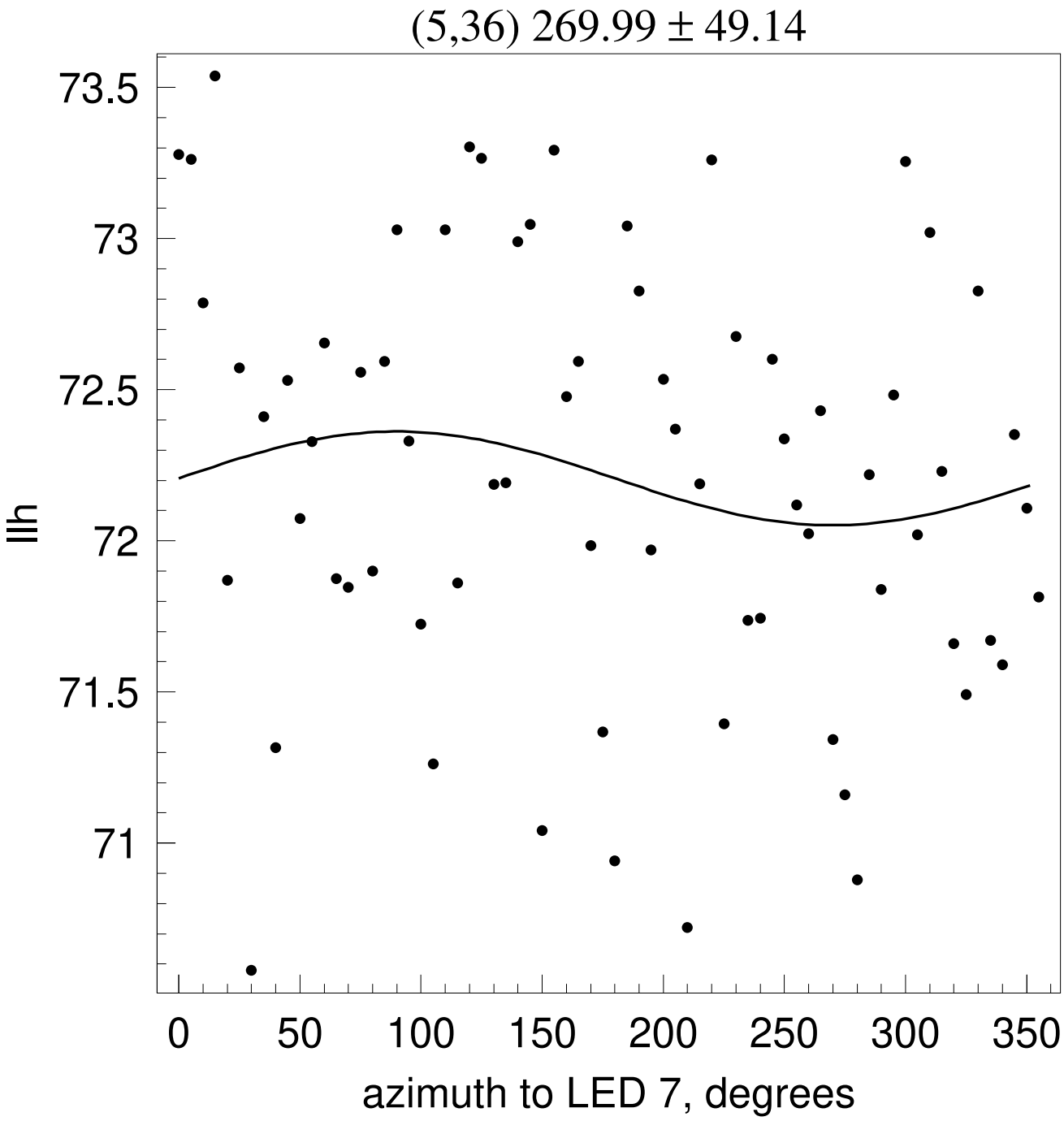

(5,31) 16.93 ± 0.14
llh
10
20
30
40
50
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

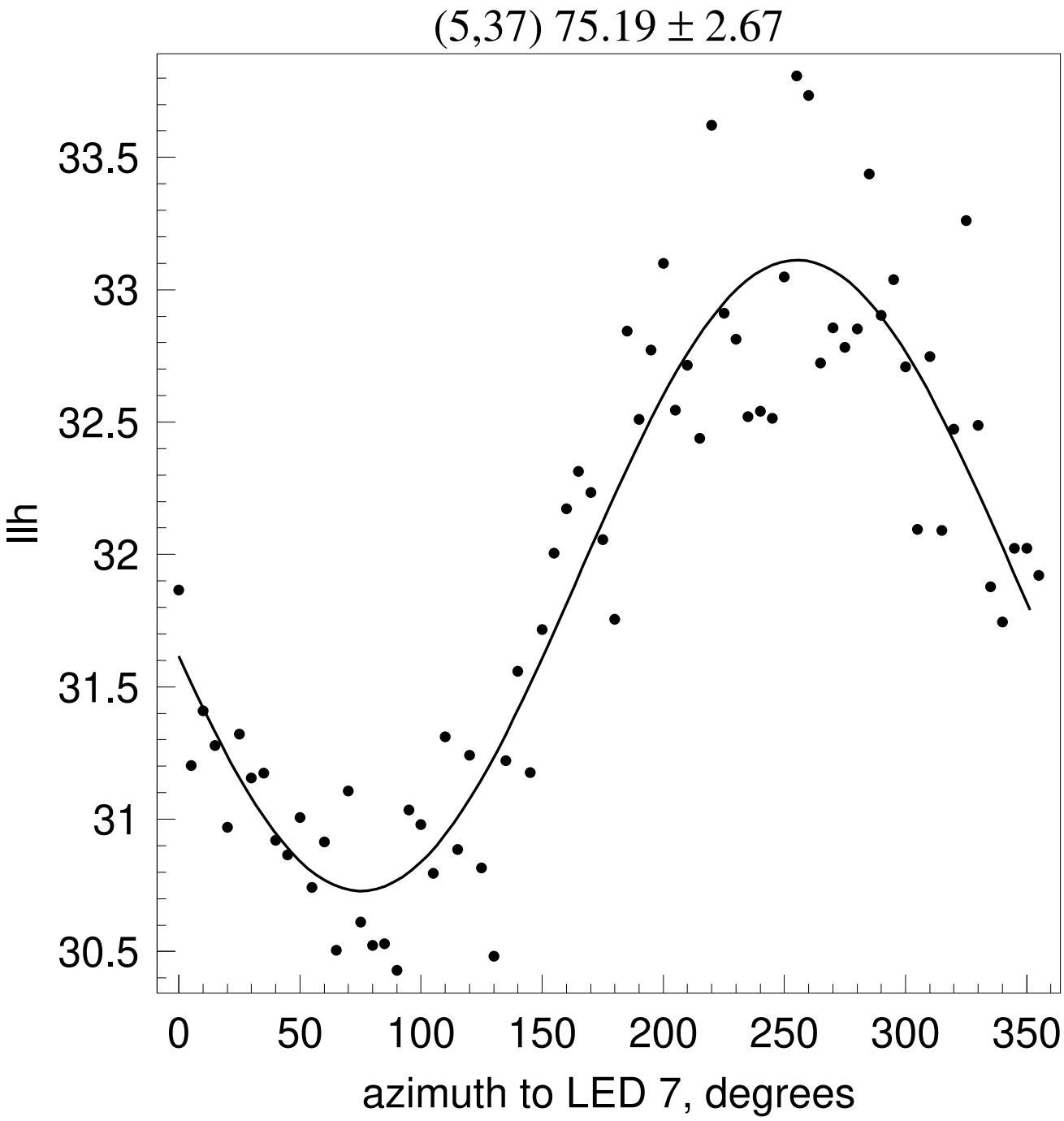

(5,32) 332.59 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

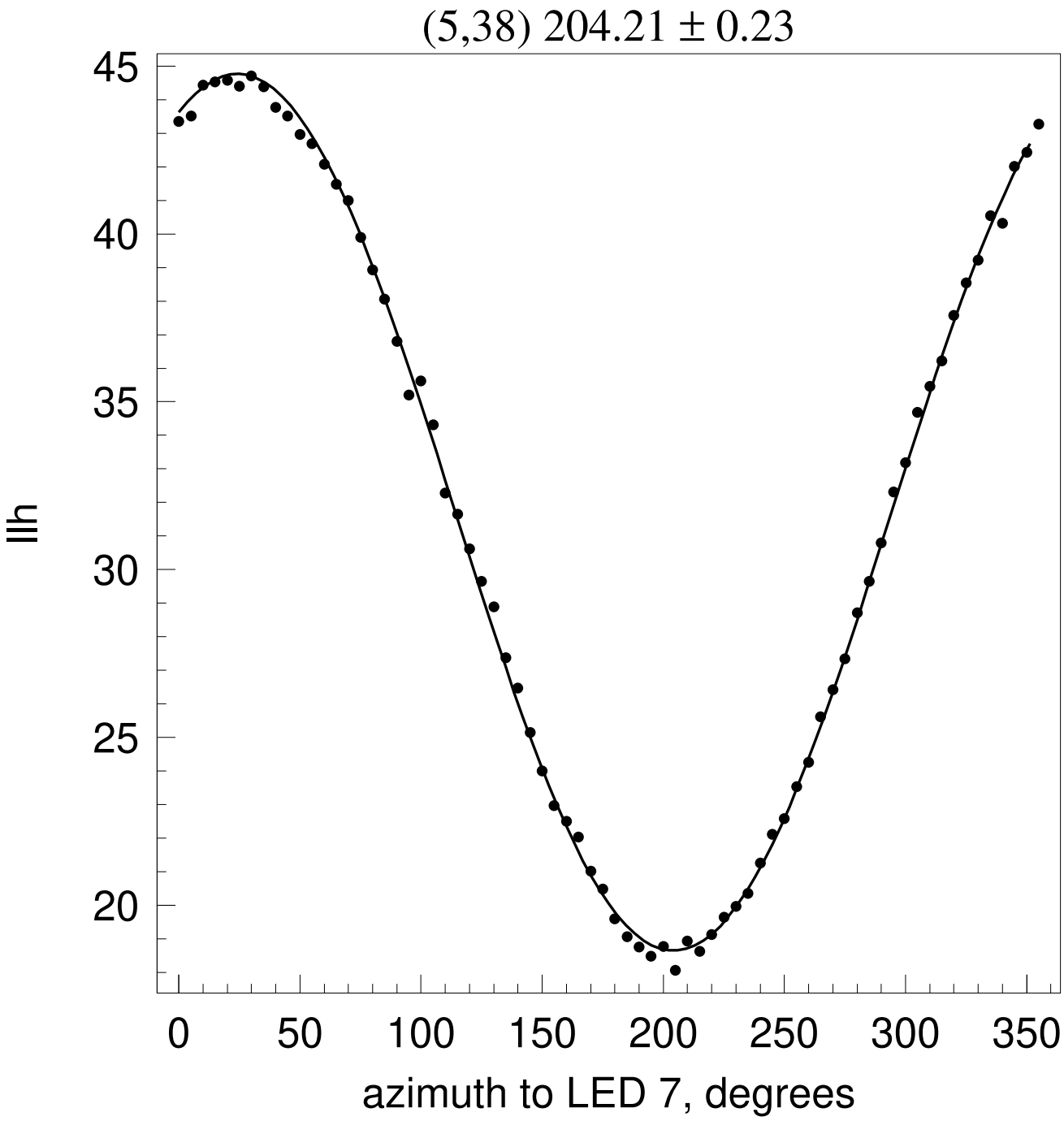

(5,33) 241.95 ± 0.21
45
40
35
30
25
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

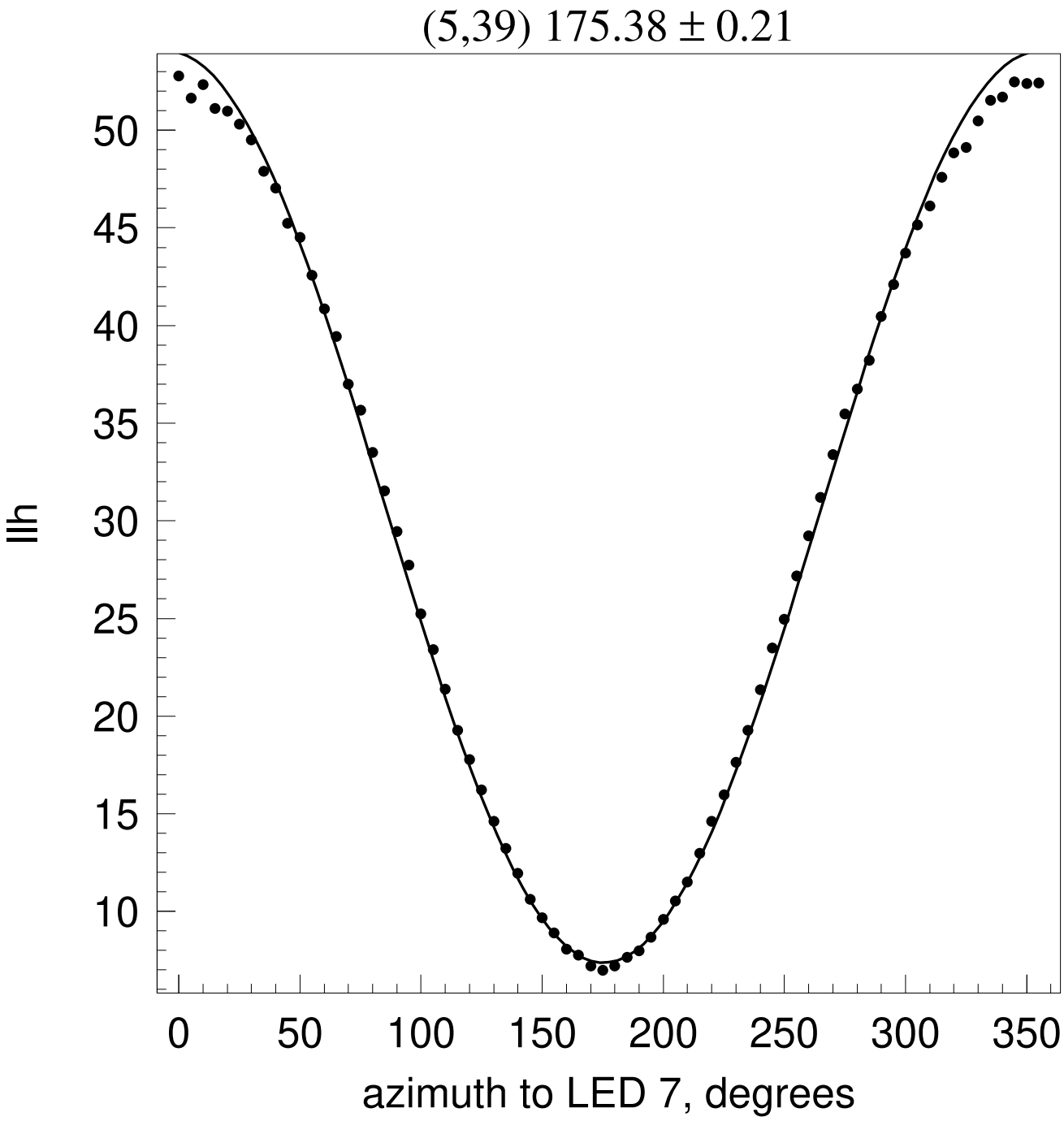

(5,34) 306.10 ± 0.54
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

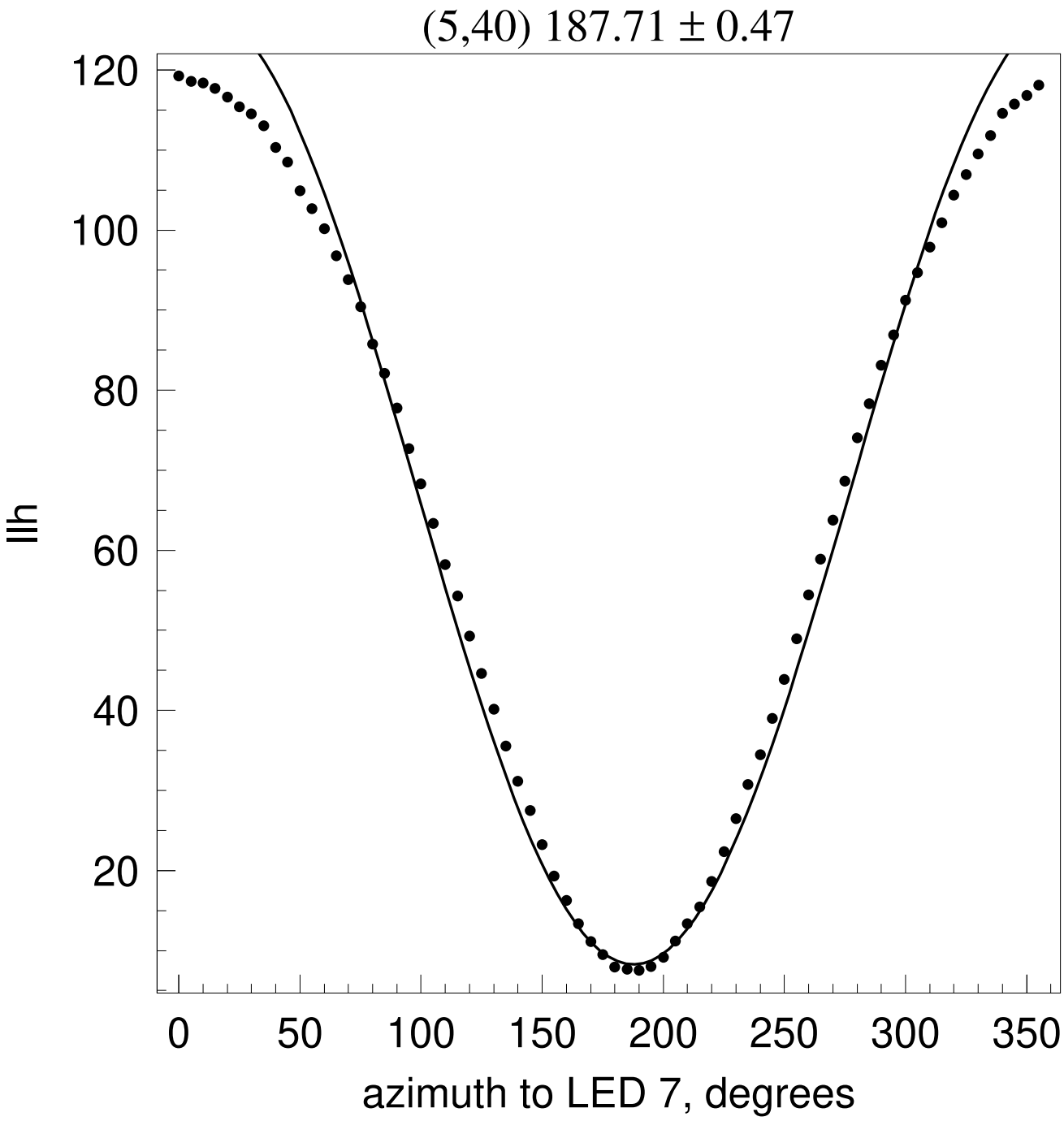

(5,35) 57.83 ± 3.19
32
31.5
31
30.5
30
29.5
29
28.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

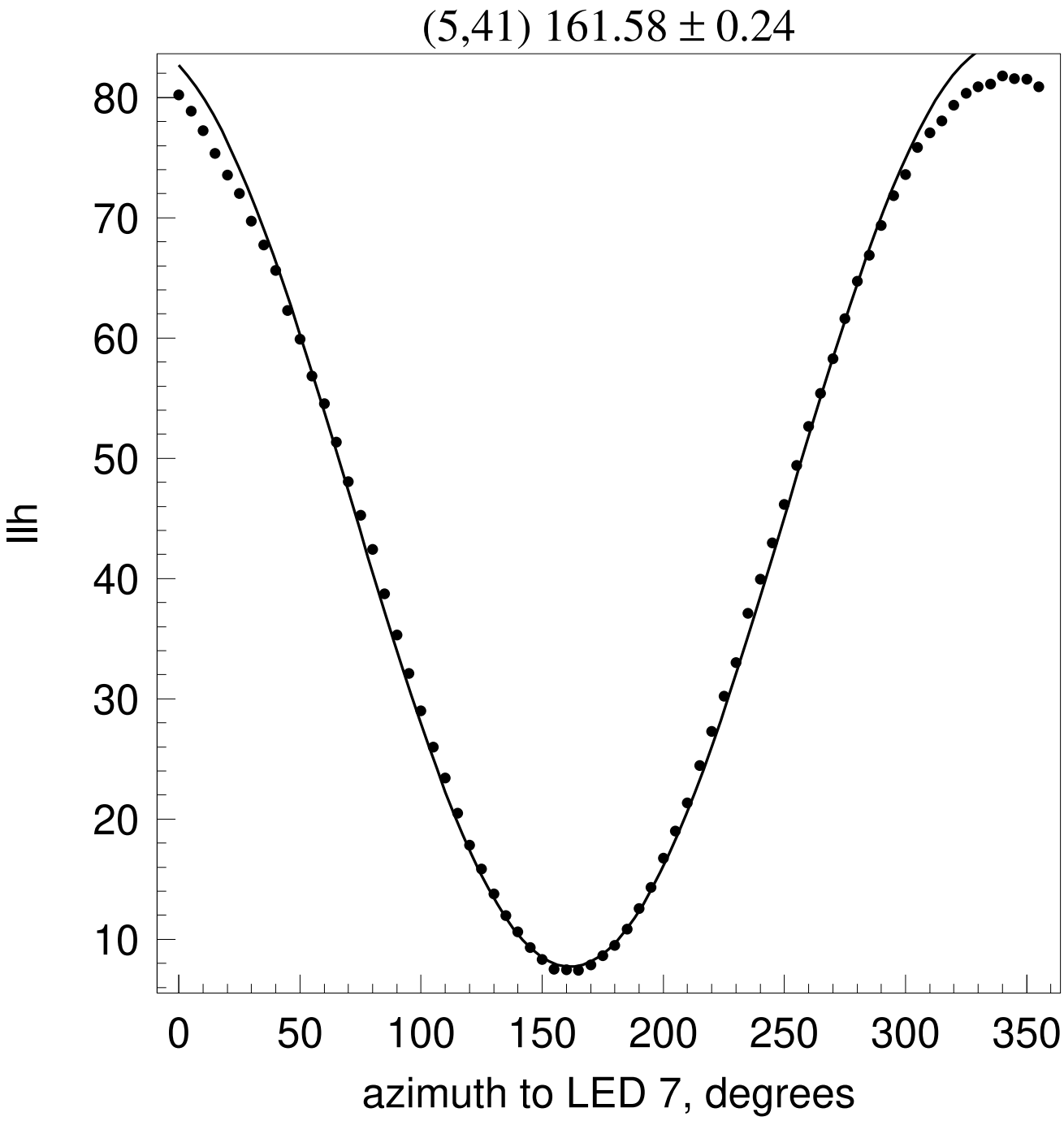

(5,36) 269.99 ± 49.14
73.5
73
72.5
72
71.5
71
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

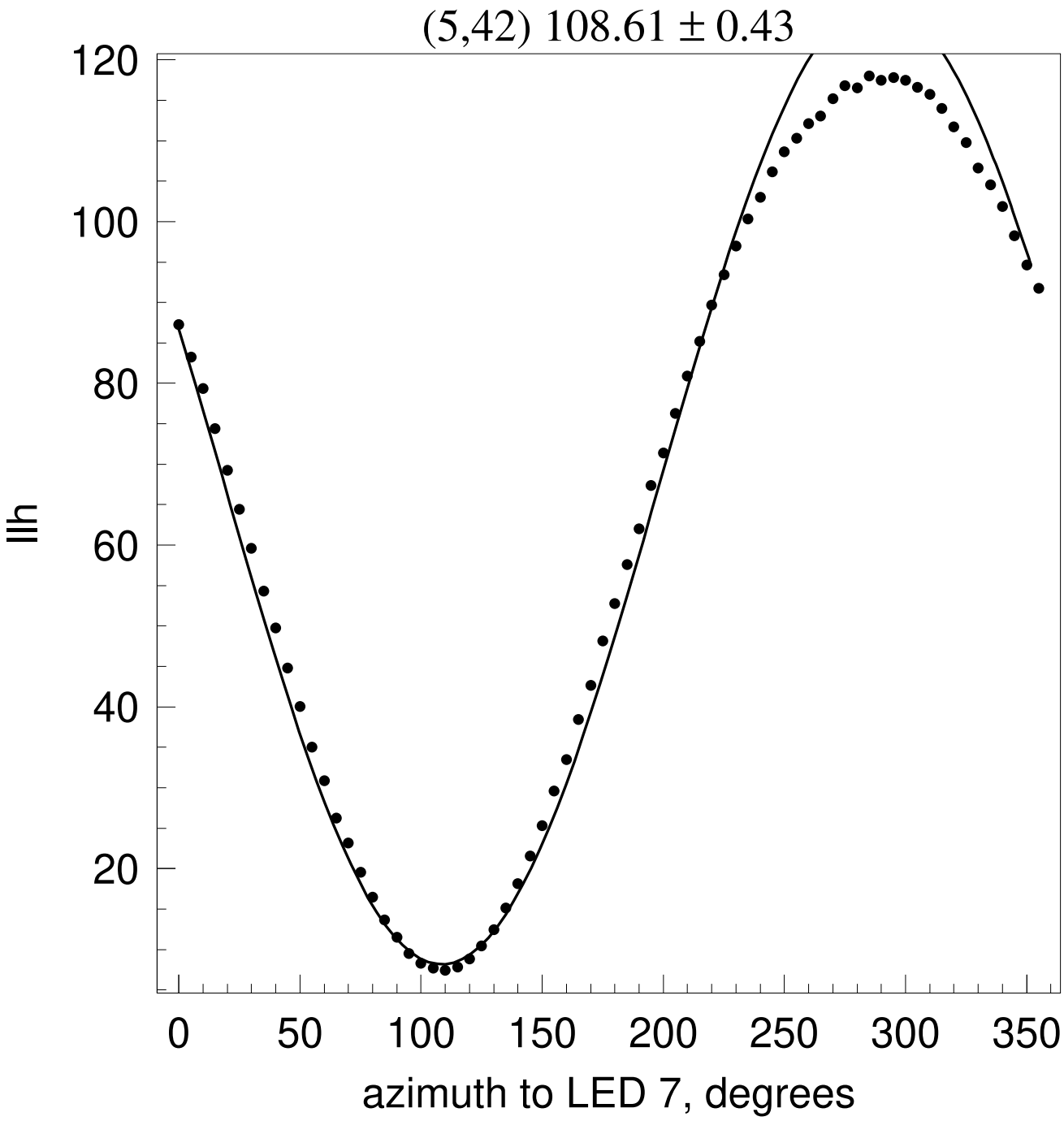

(5,37) 75.19 ± 2.67
33.5
33
32.5
32
31.5
31
30.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

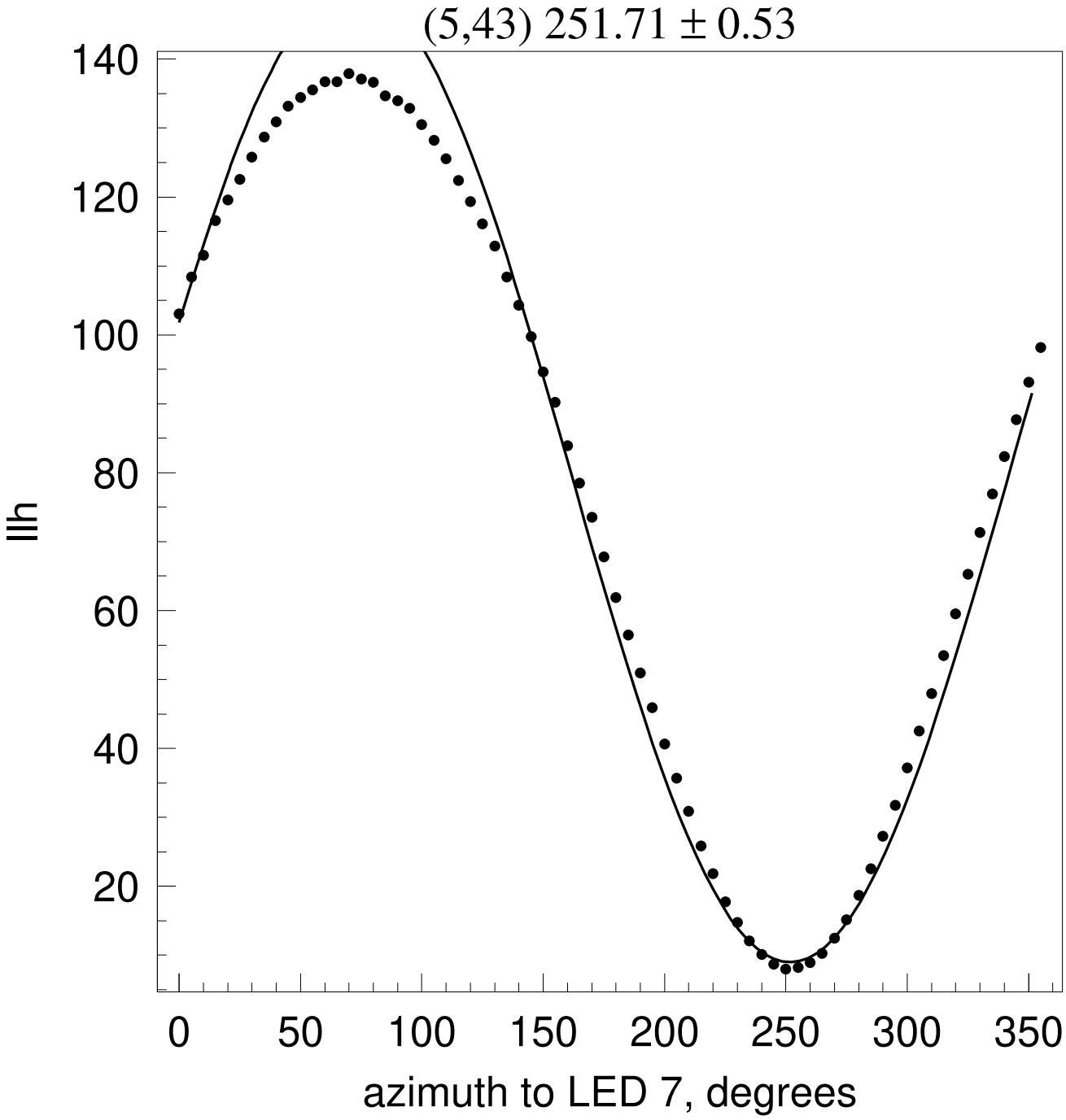

(5,38) 204.21 ± 0.23
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

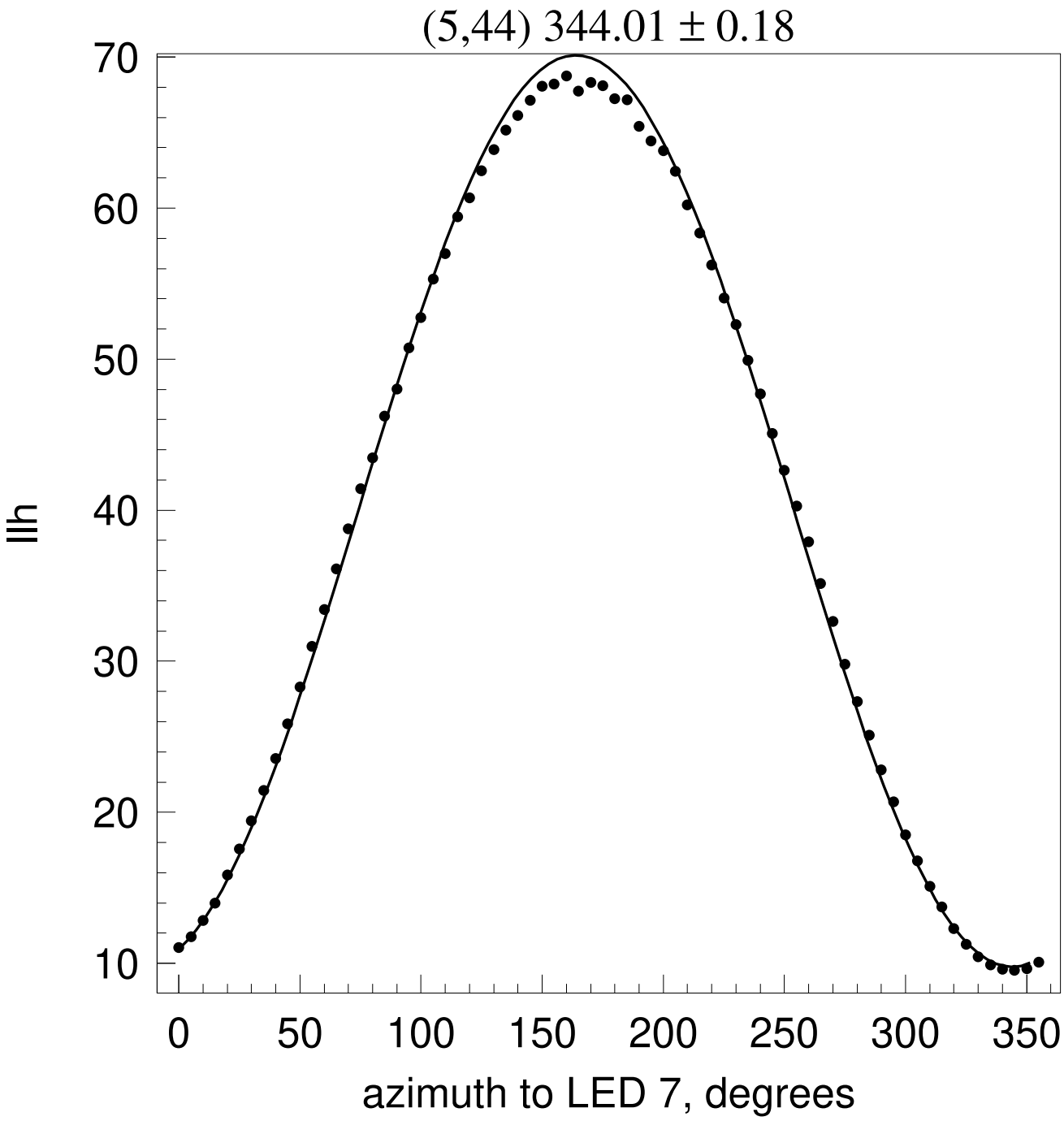

(5,39) 175.38 ± 0.21
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

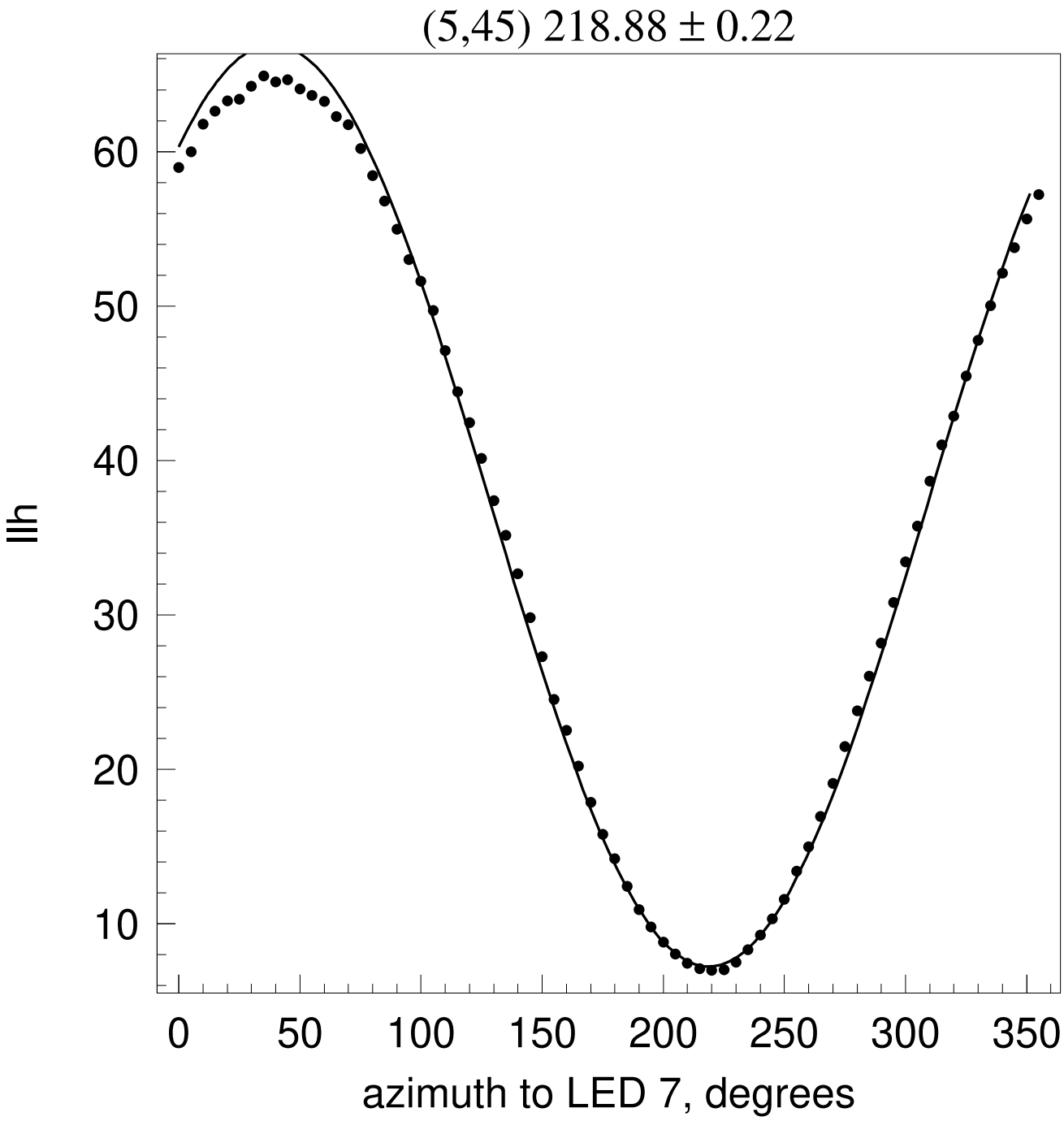

(5,40) 187.71 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

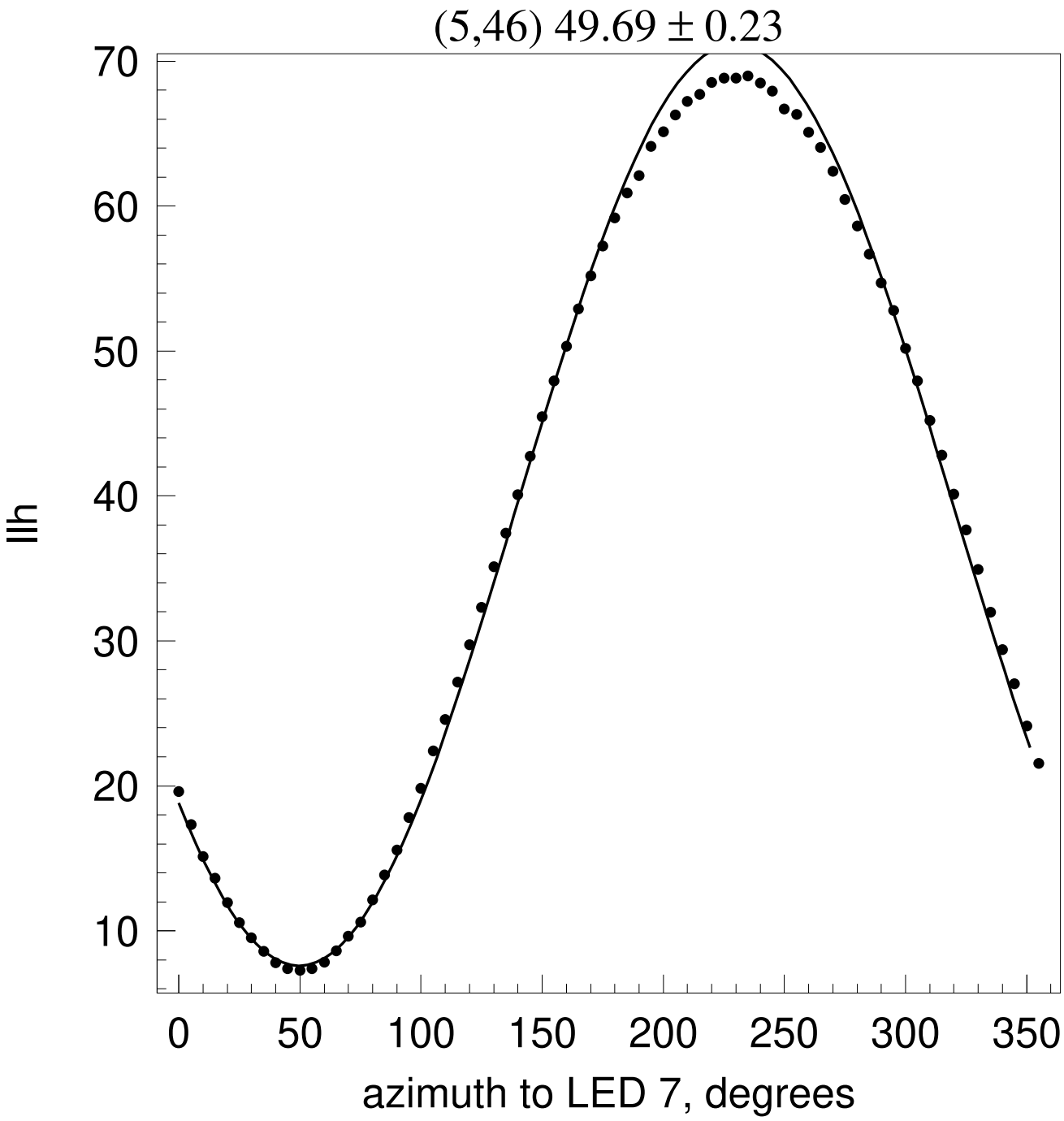

(5,41) 161.58 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

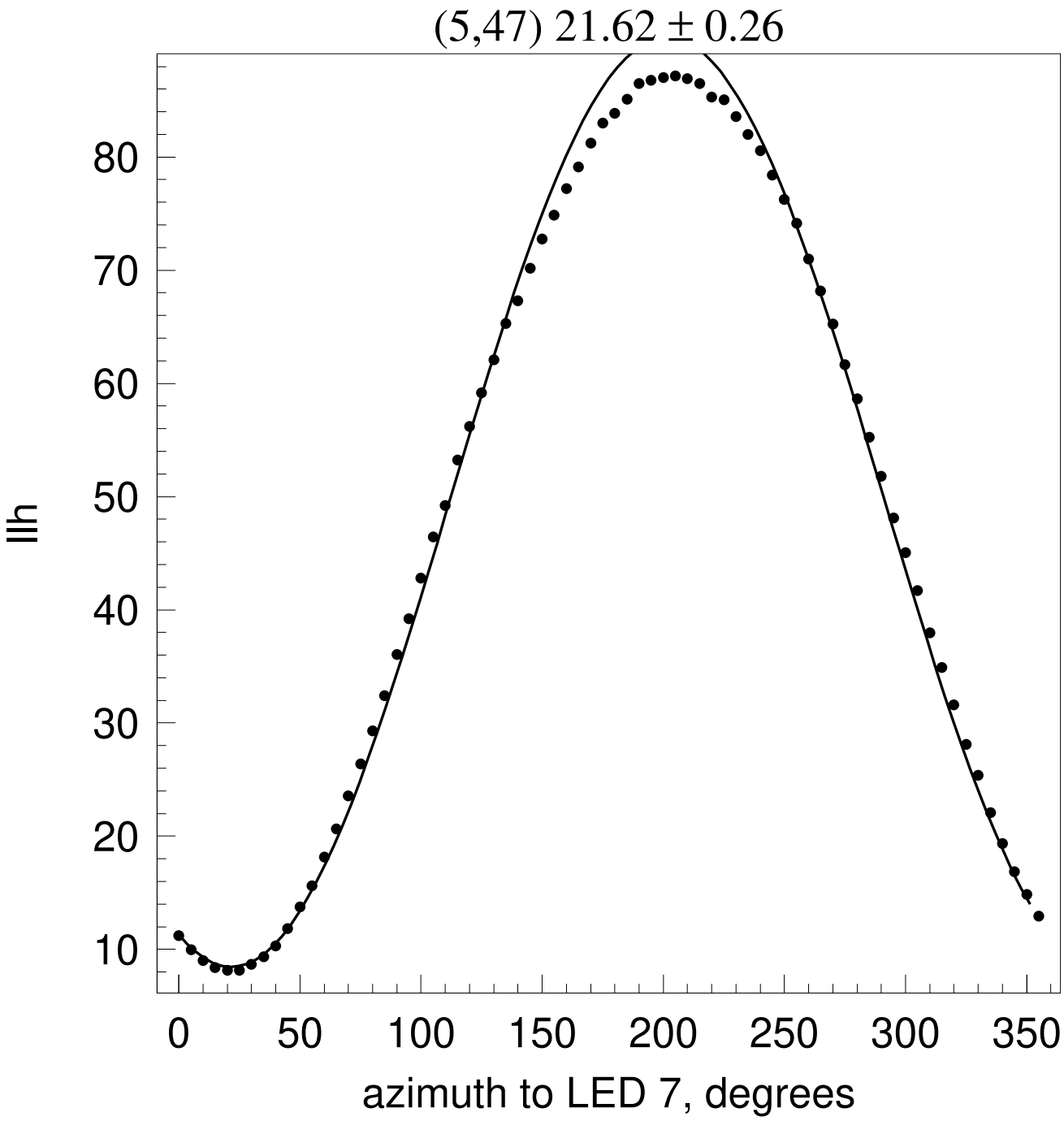

(5,42) 108.61 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

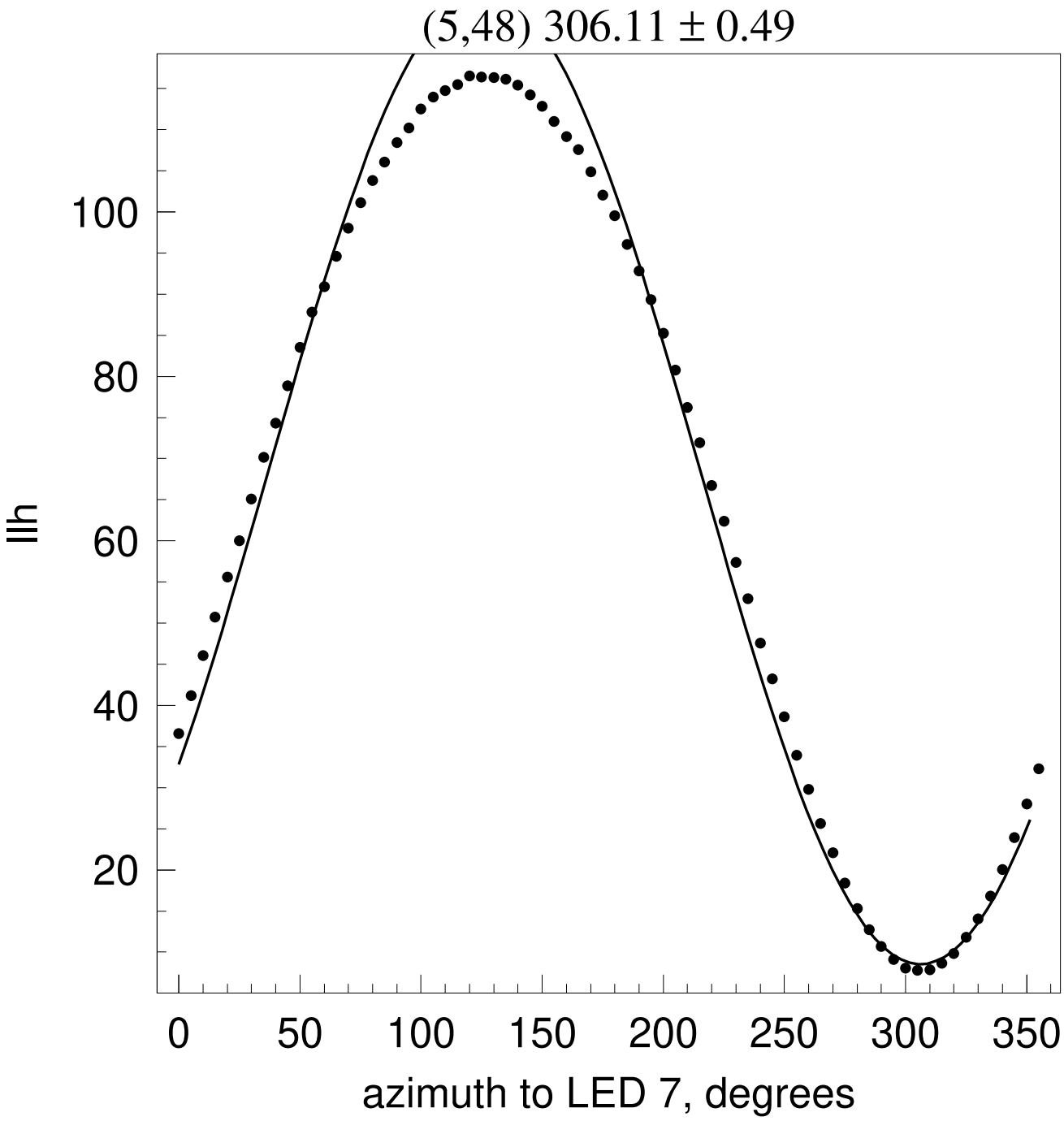

(5,43) 251.71 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

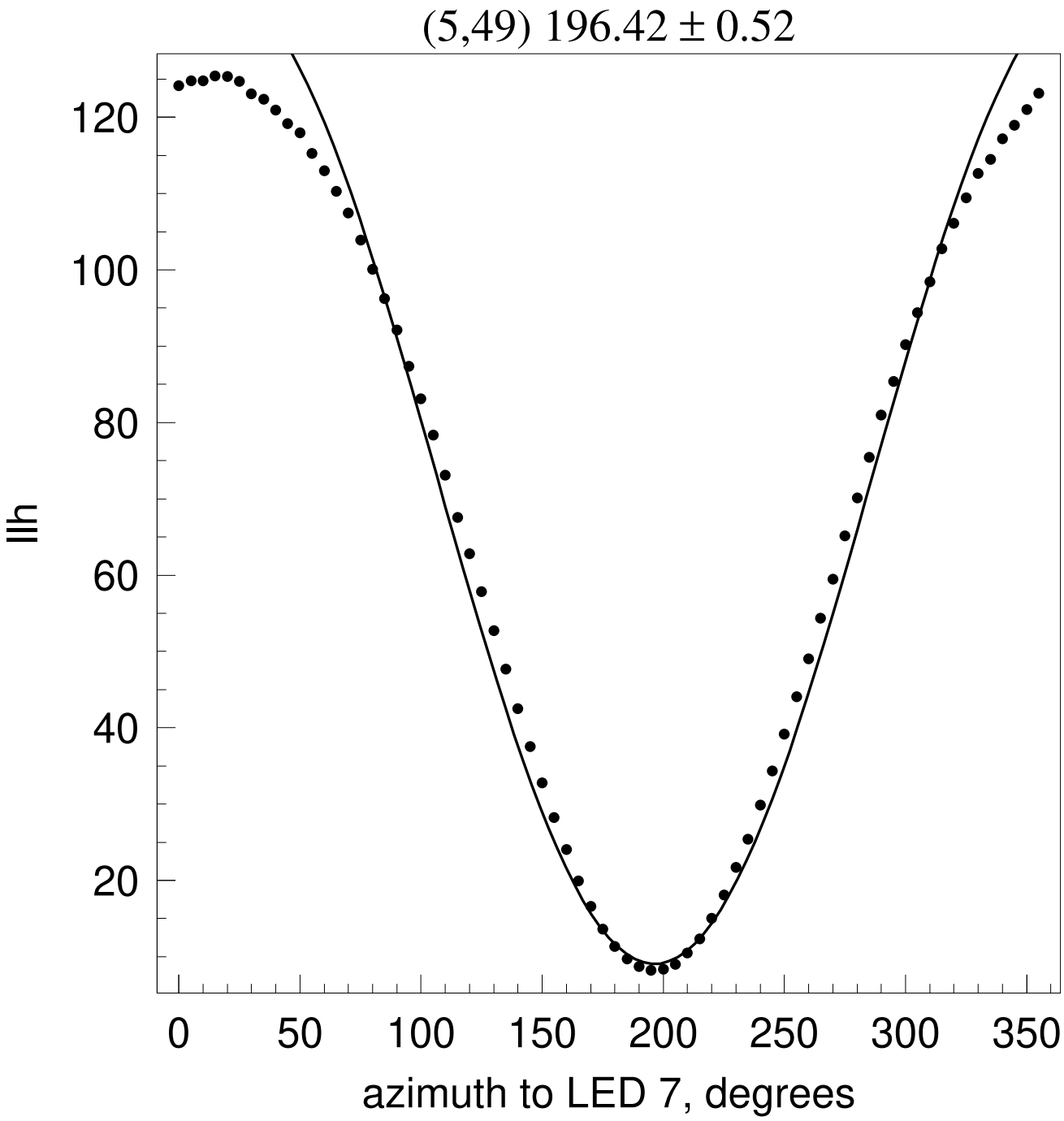

(5,44) 344.01 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

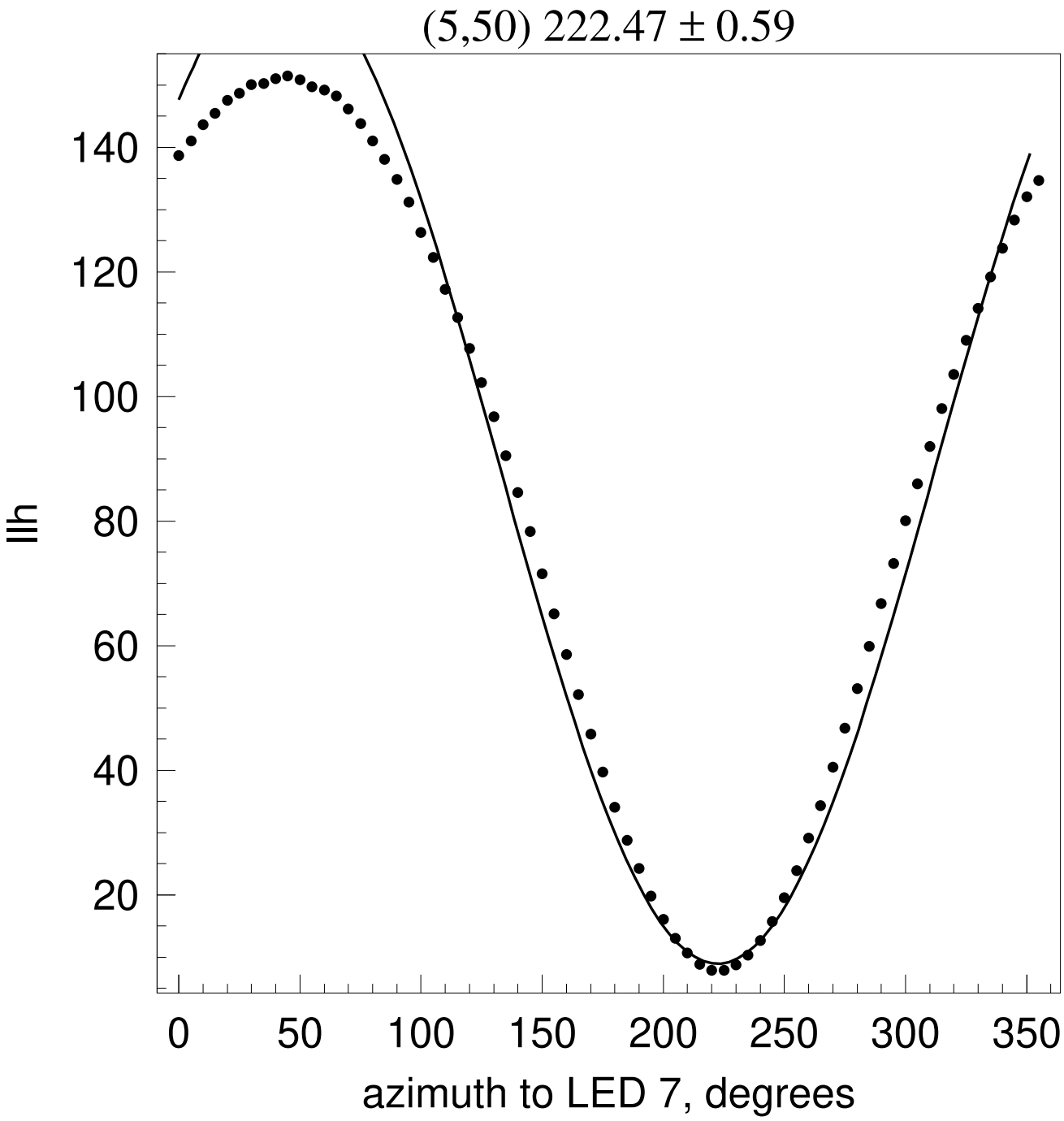

(5,45) 218.88 ± 0.22
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

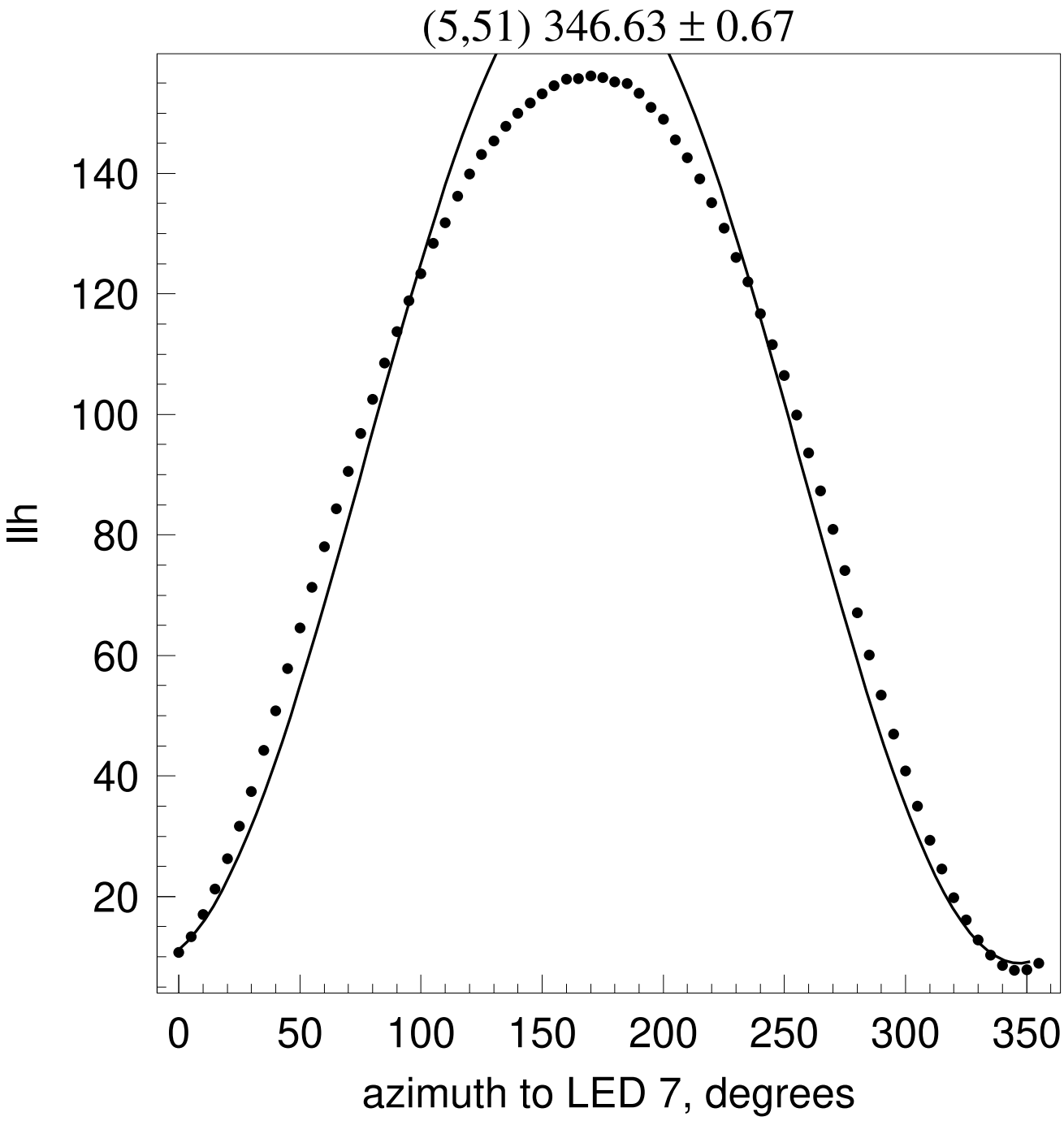

(5,46) 49.69 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

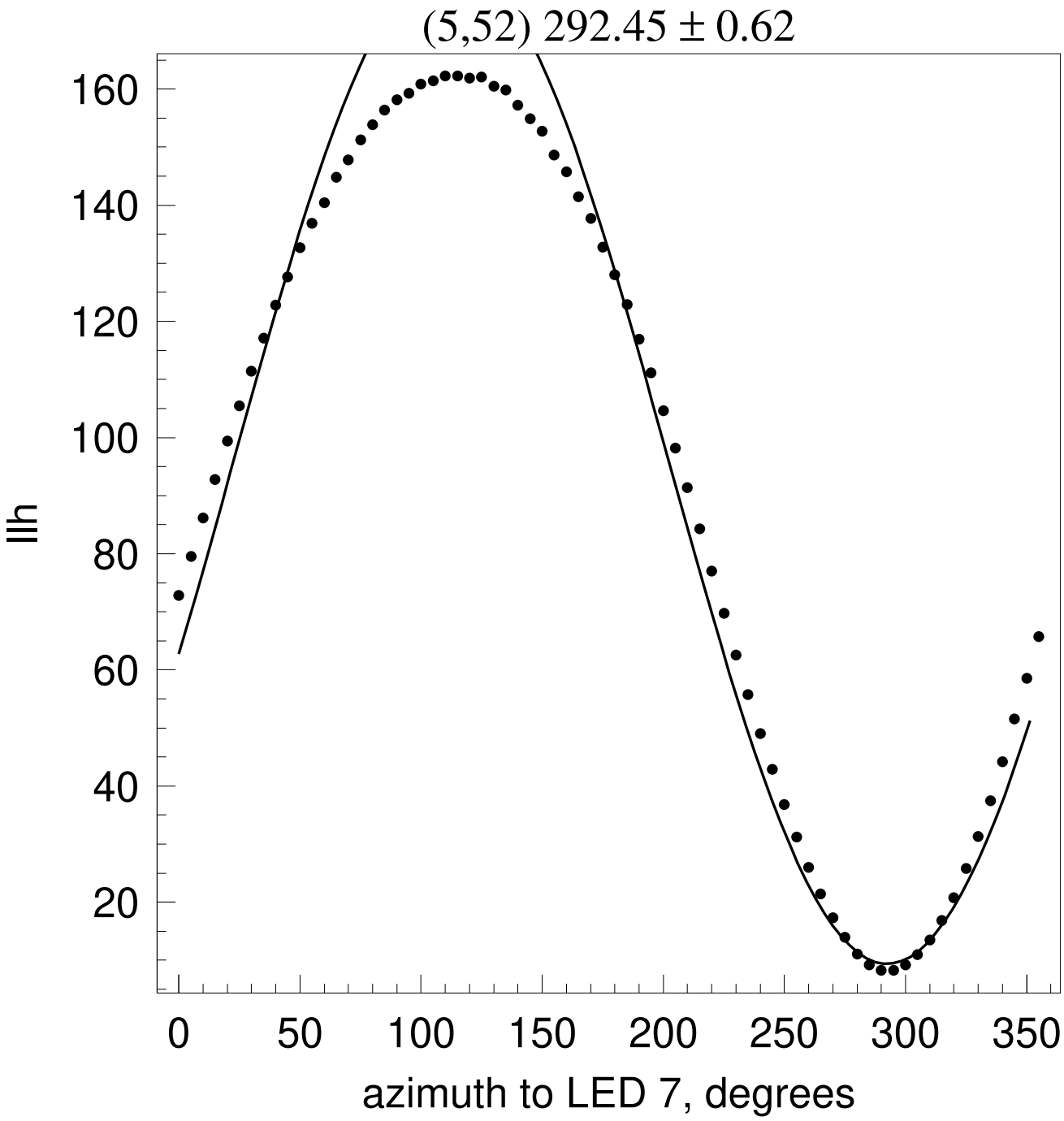

(5,47) 21.62 ± 0.26
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

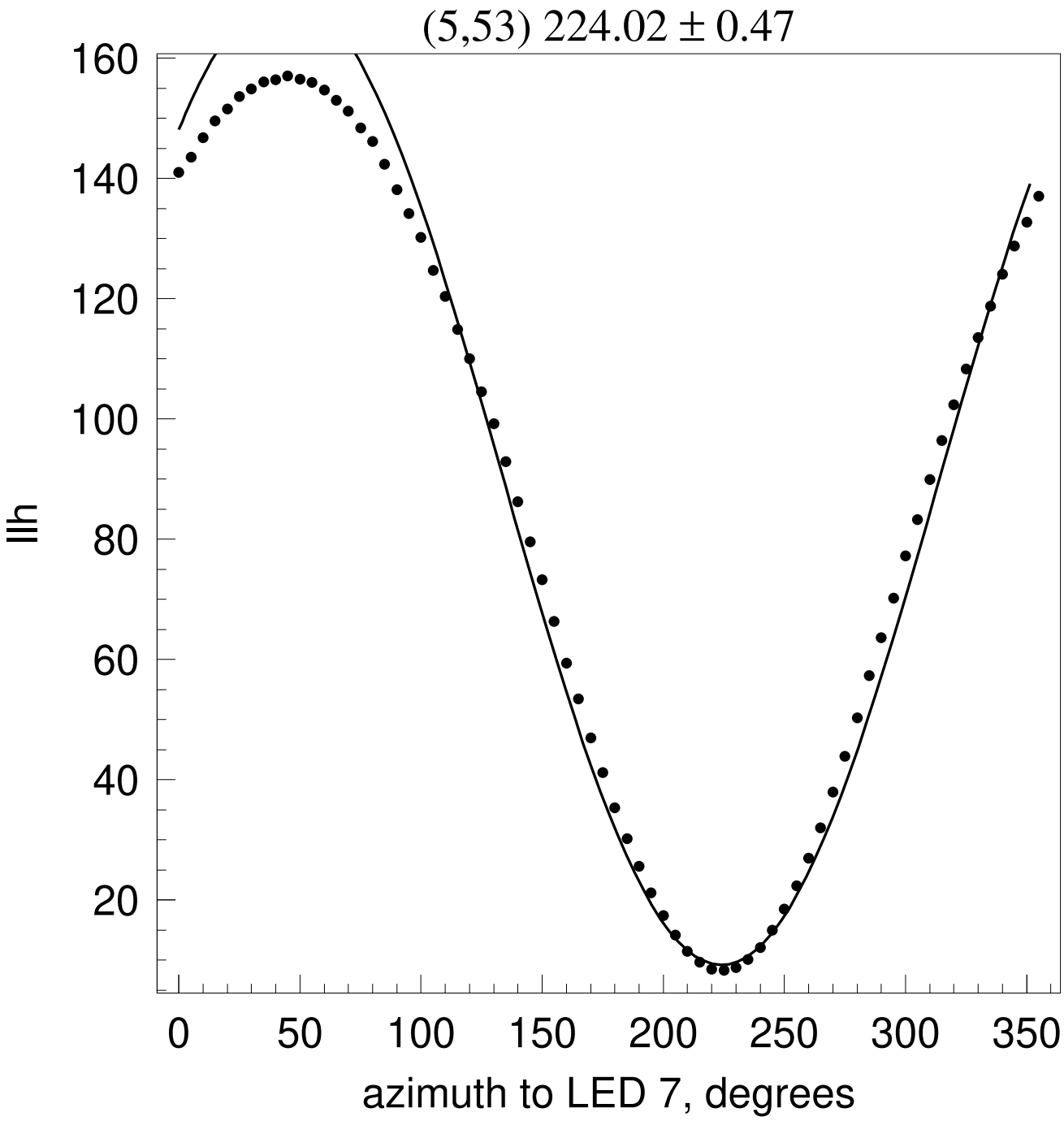

(5,48) 306.11 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

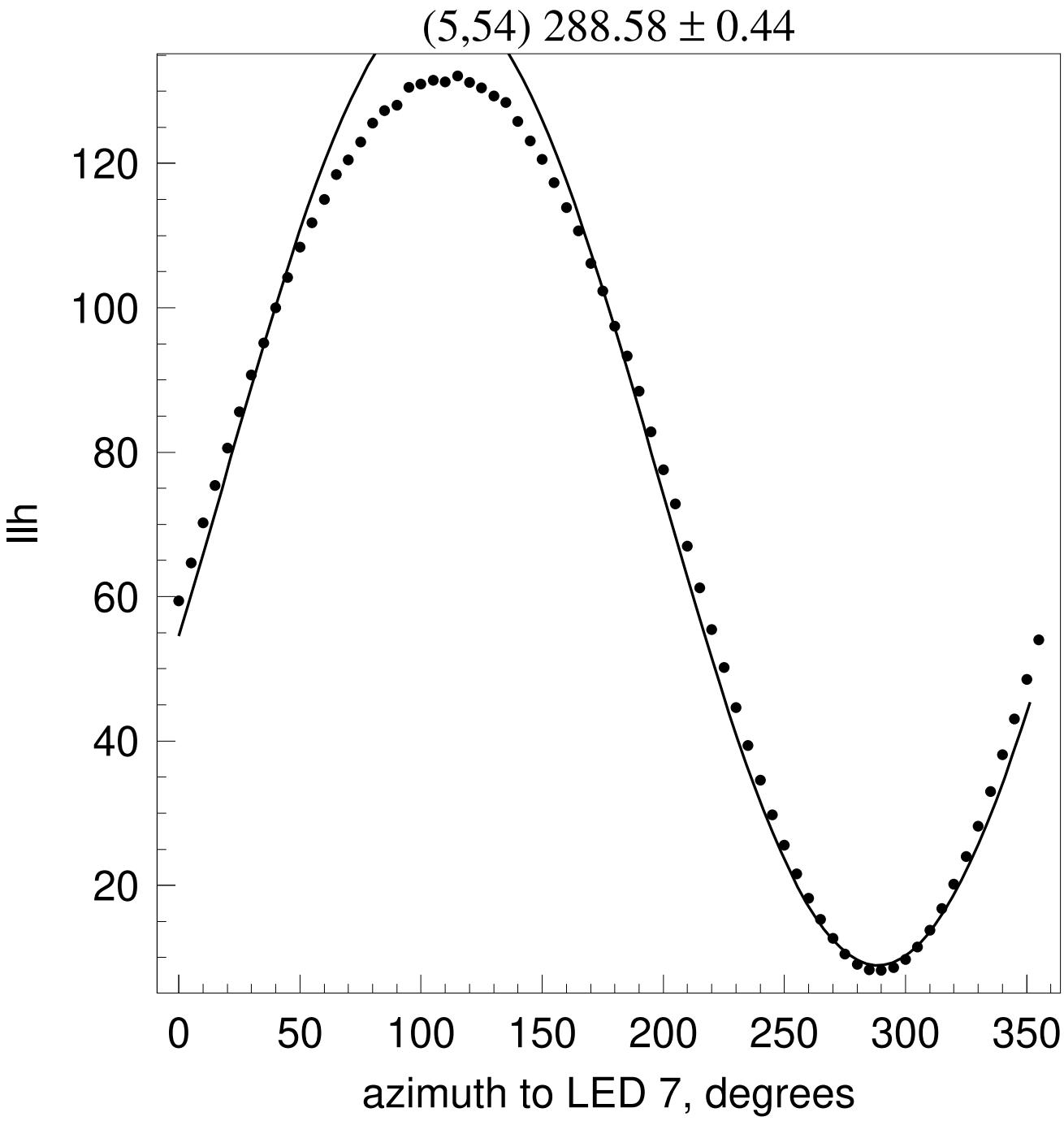

(5,49) 196.42 ± 0.52
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

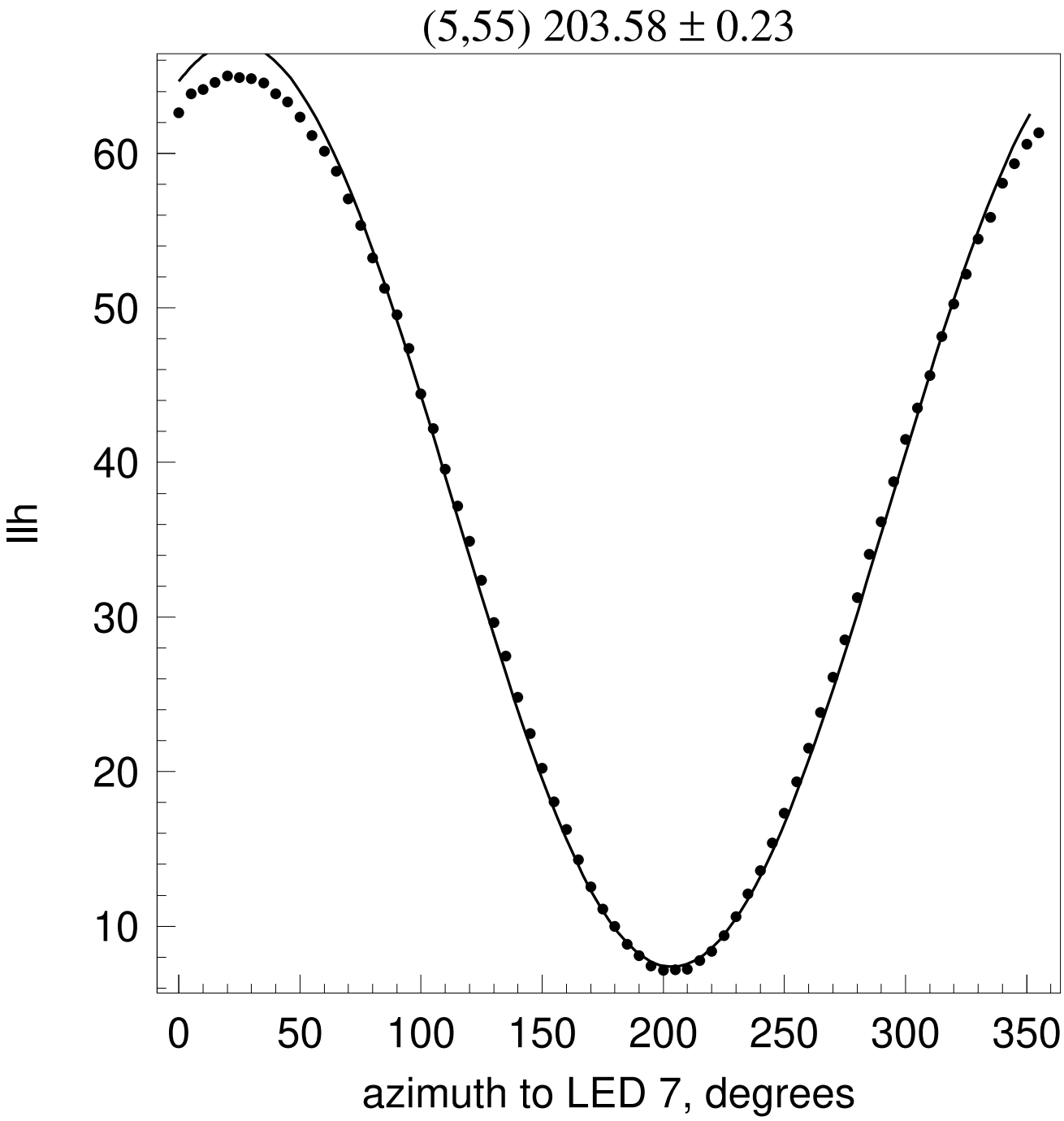

(5,50) 222.47 ± 0.59
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

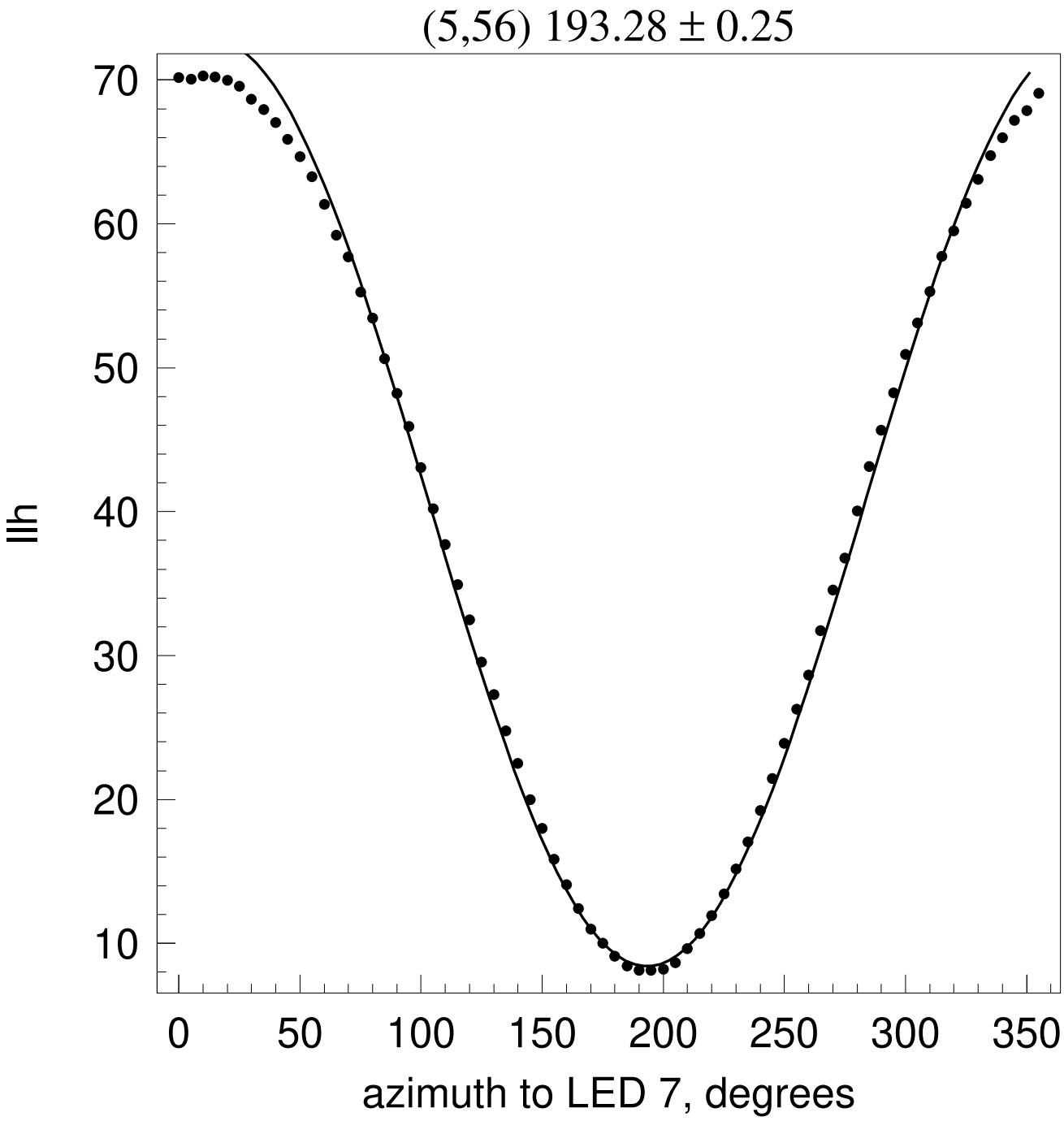

(5,51) 346.63 ± 0.67
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

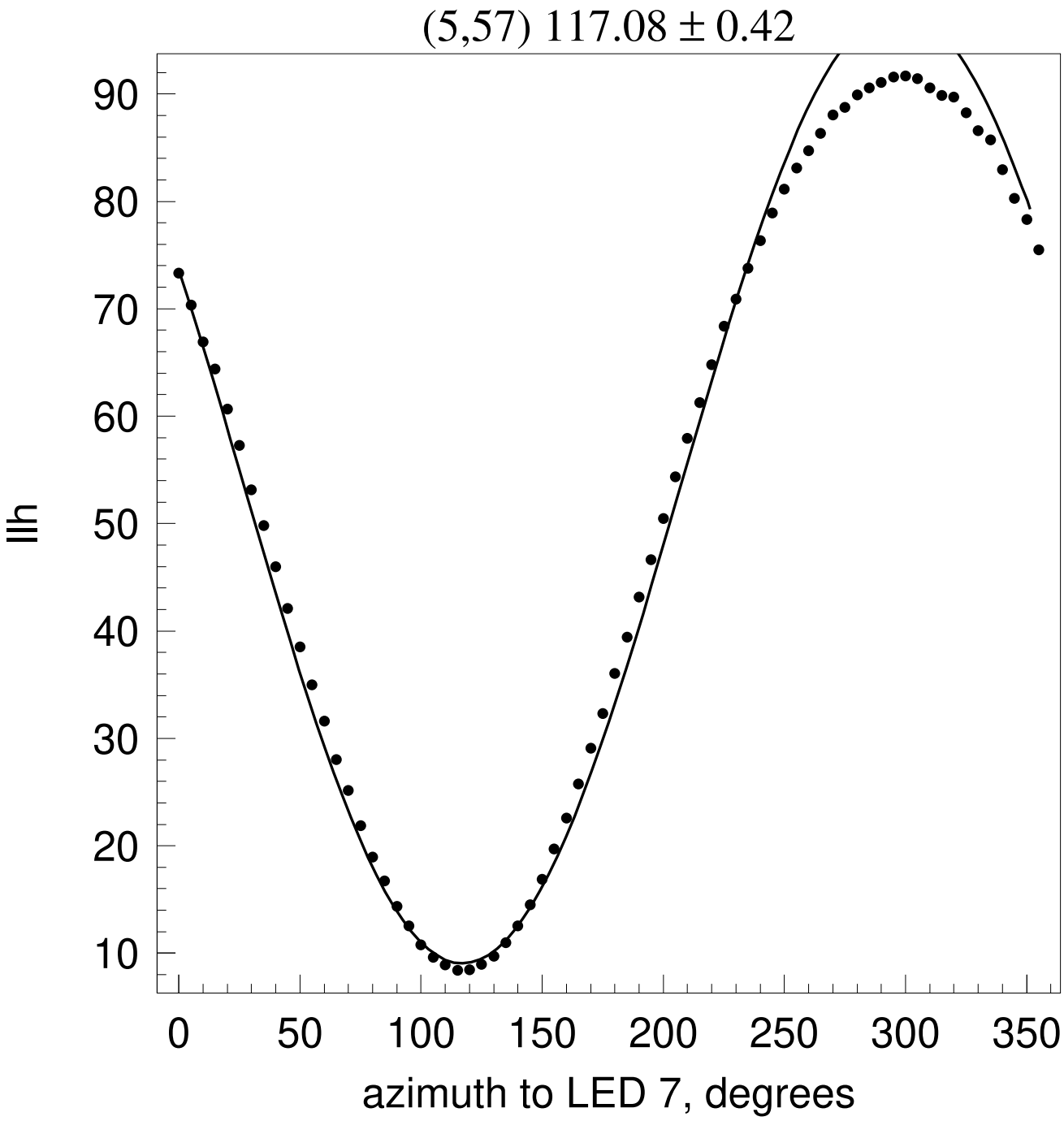

(5,52) 292.45 ± 0.62
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

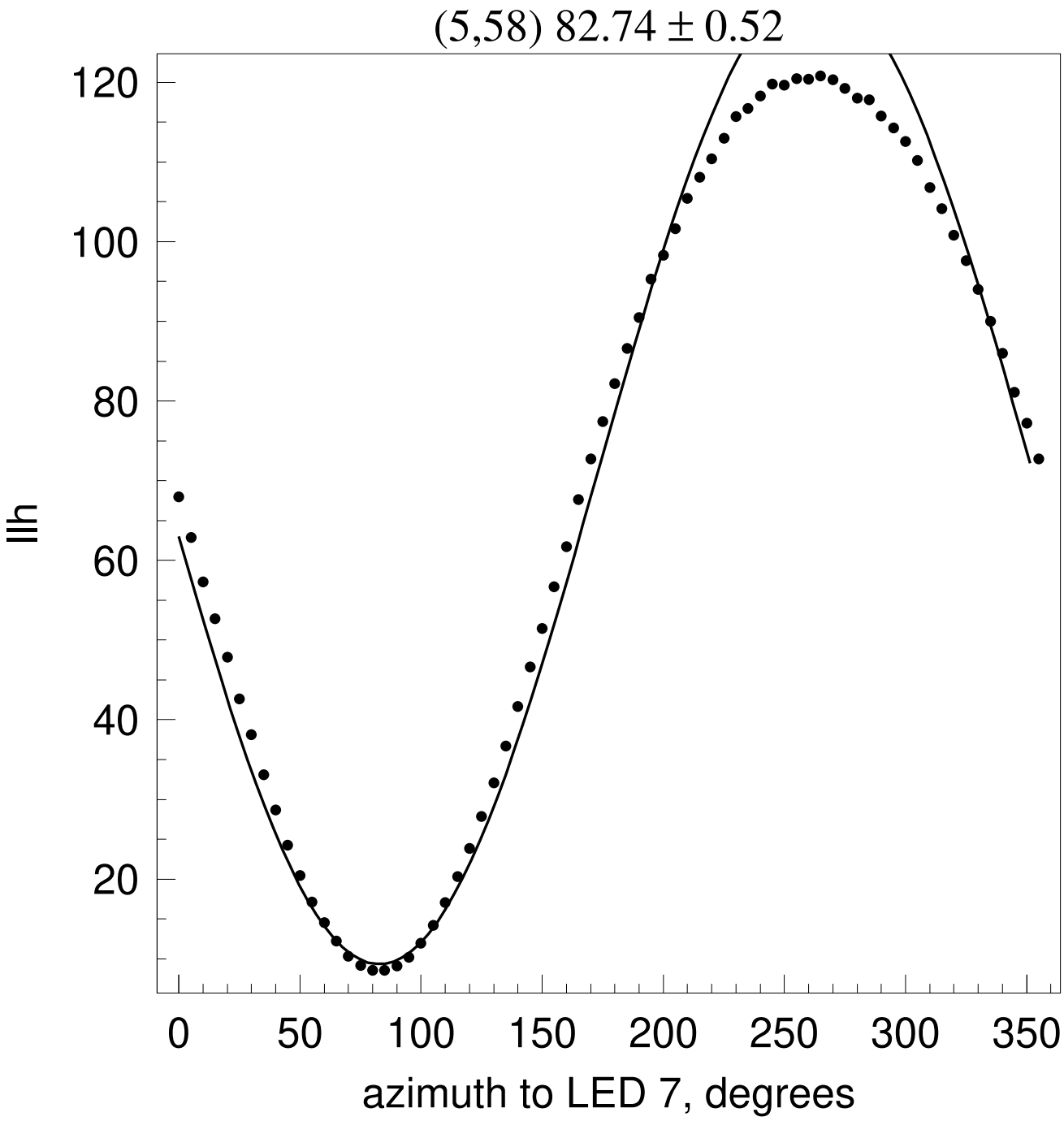

(5,53) 224.02 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

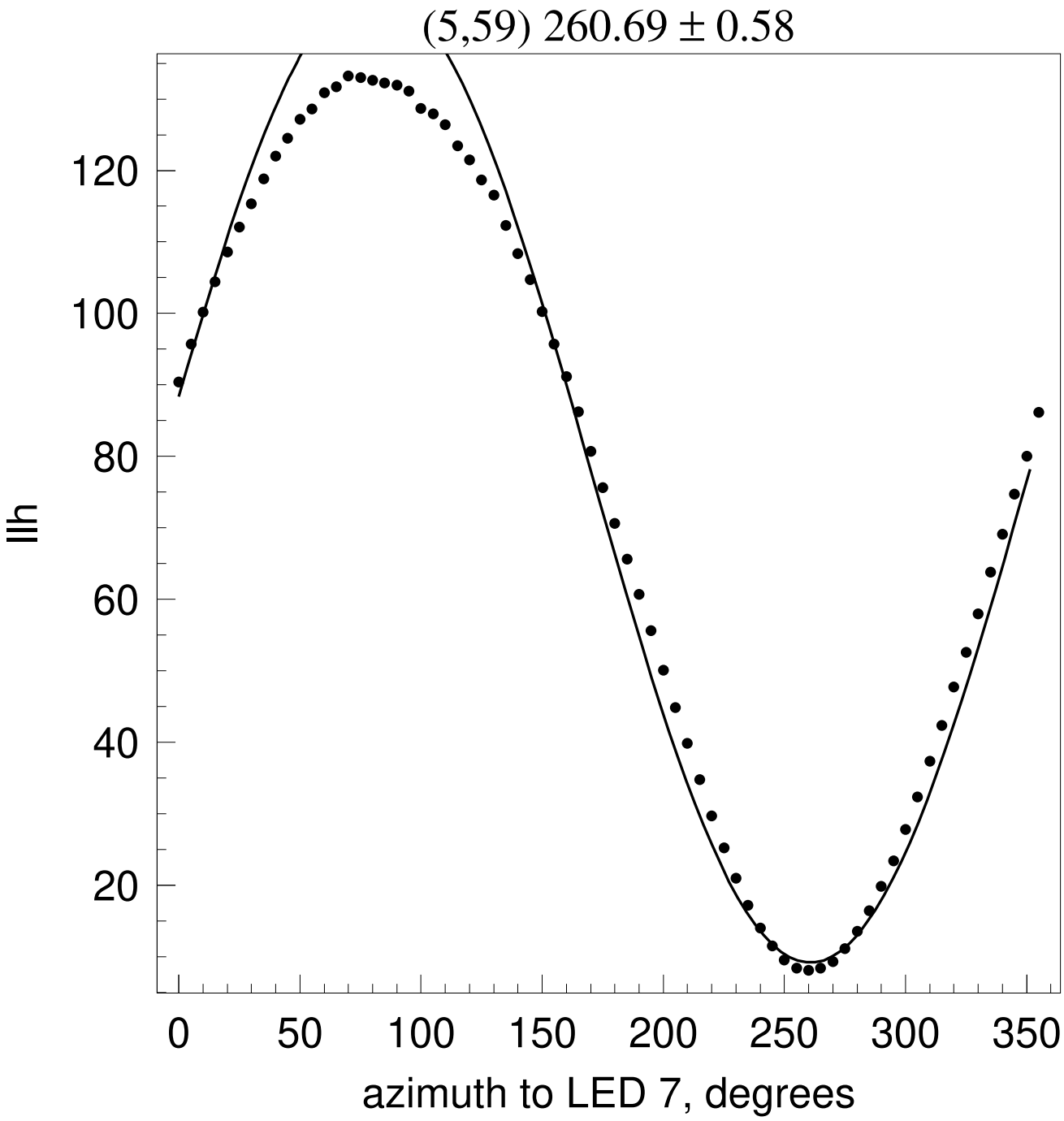

(5,54) 288.58 ± 0.44
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

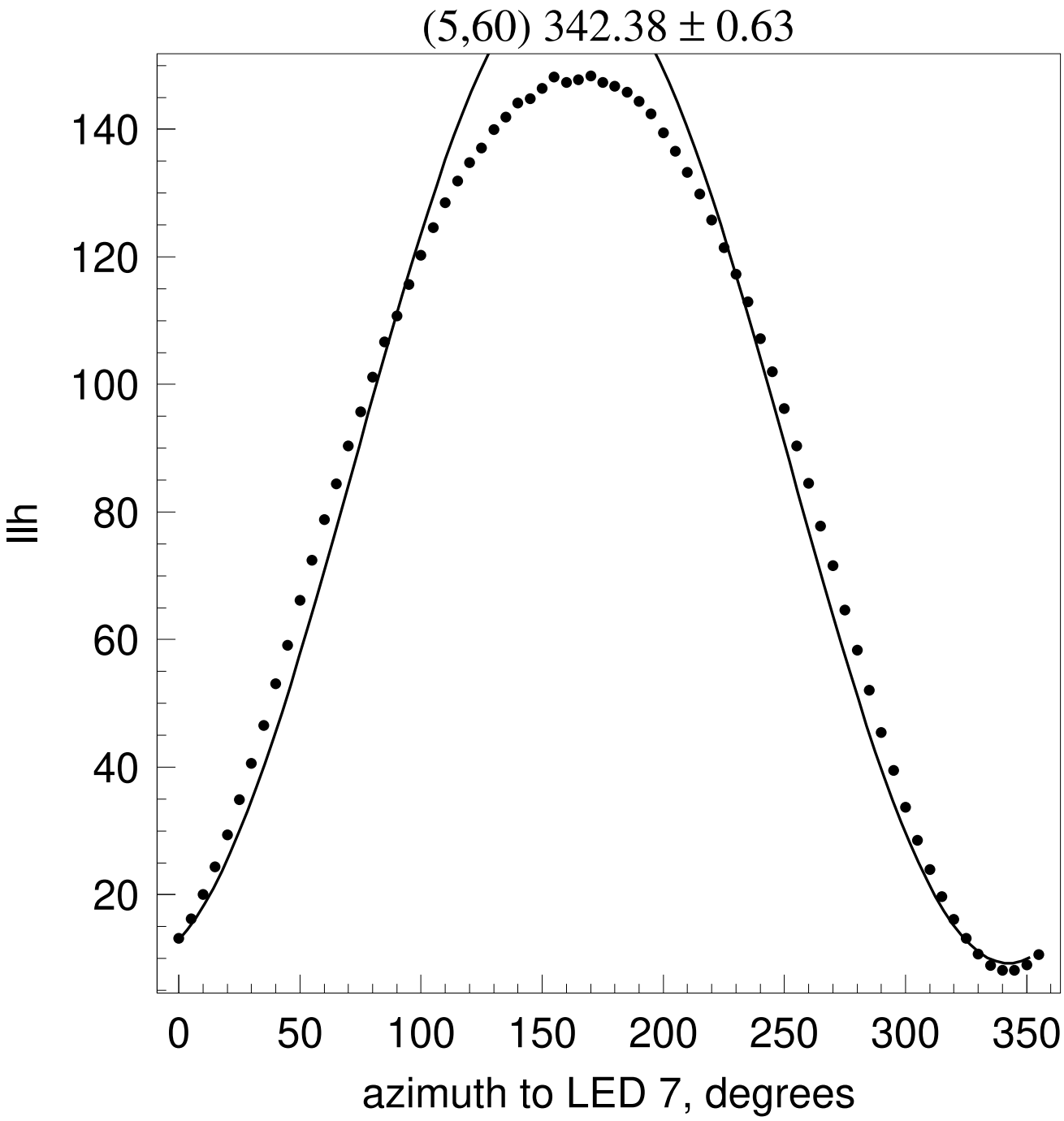

(5,55) 203.58 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

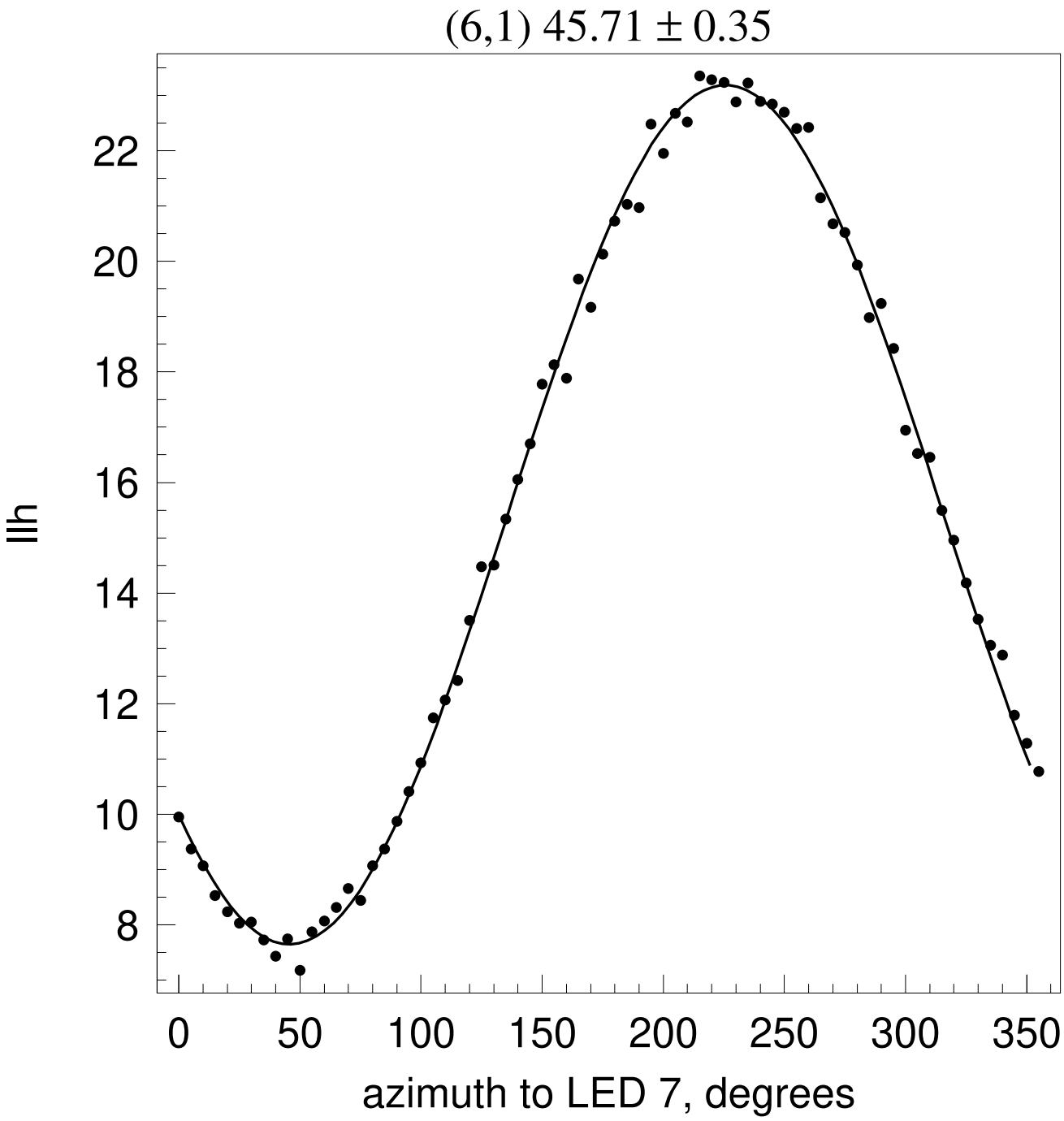

(5,56) 193.28 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

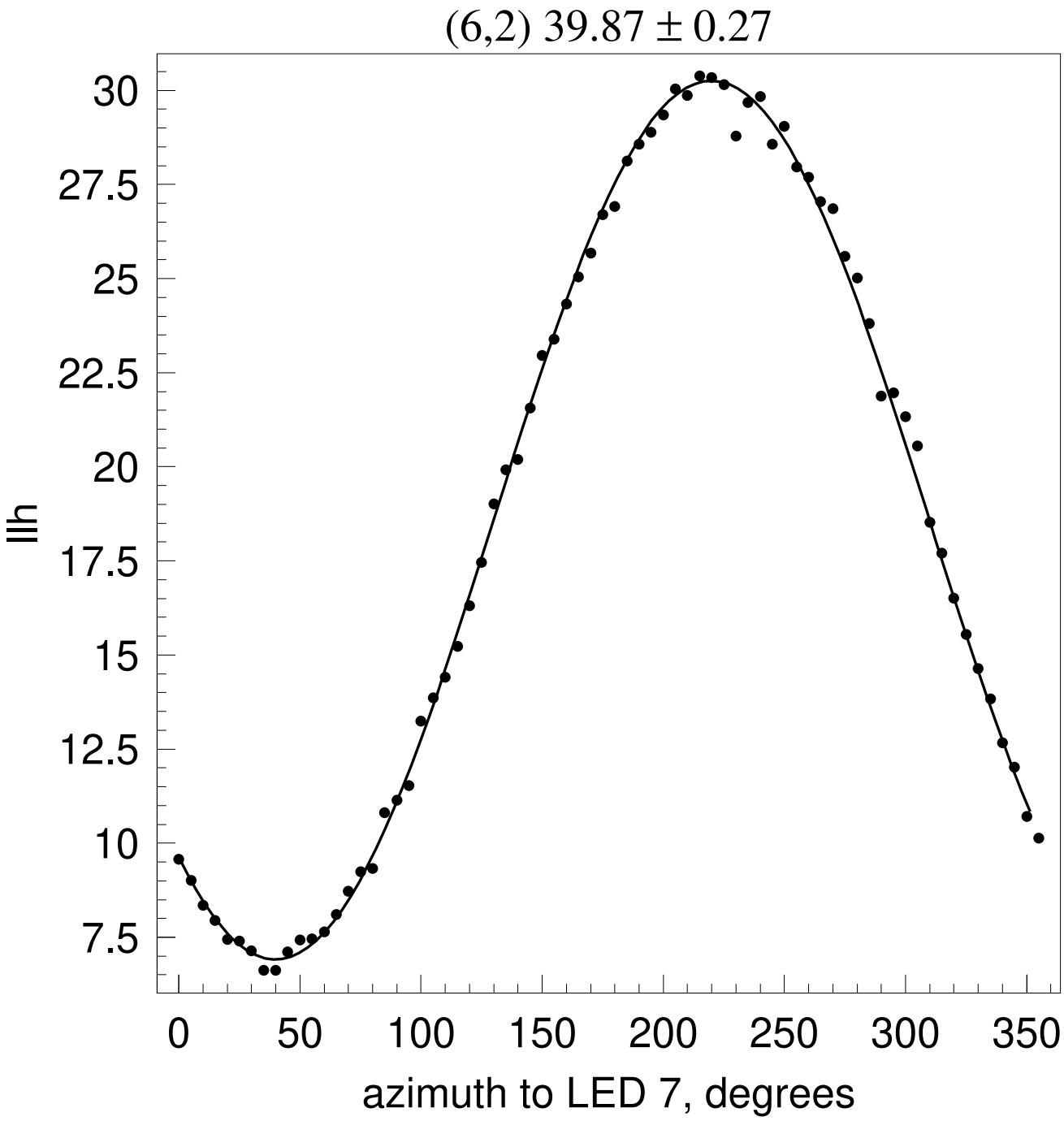

(5,57) 117.08 ± 0.42
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

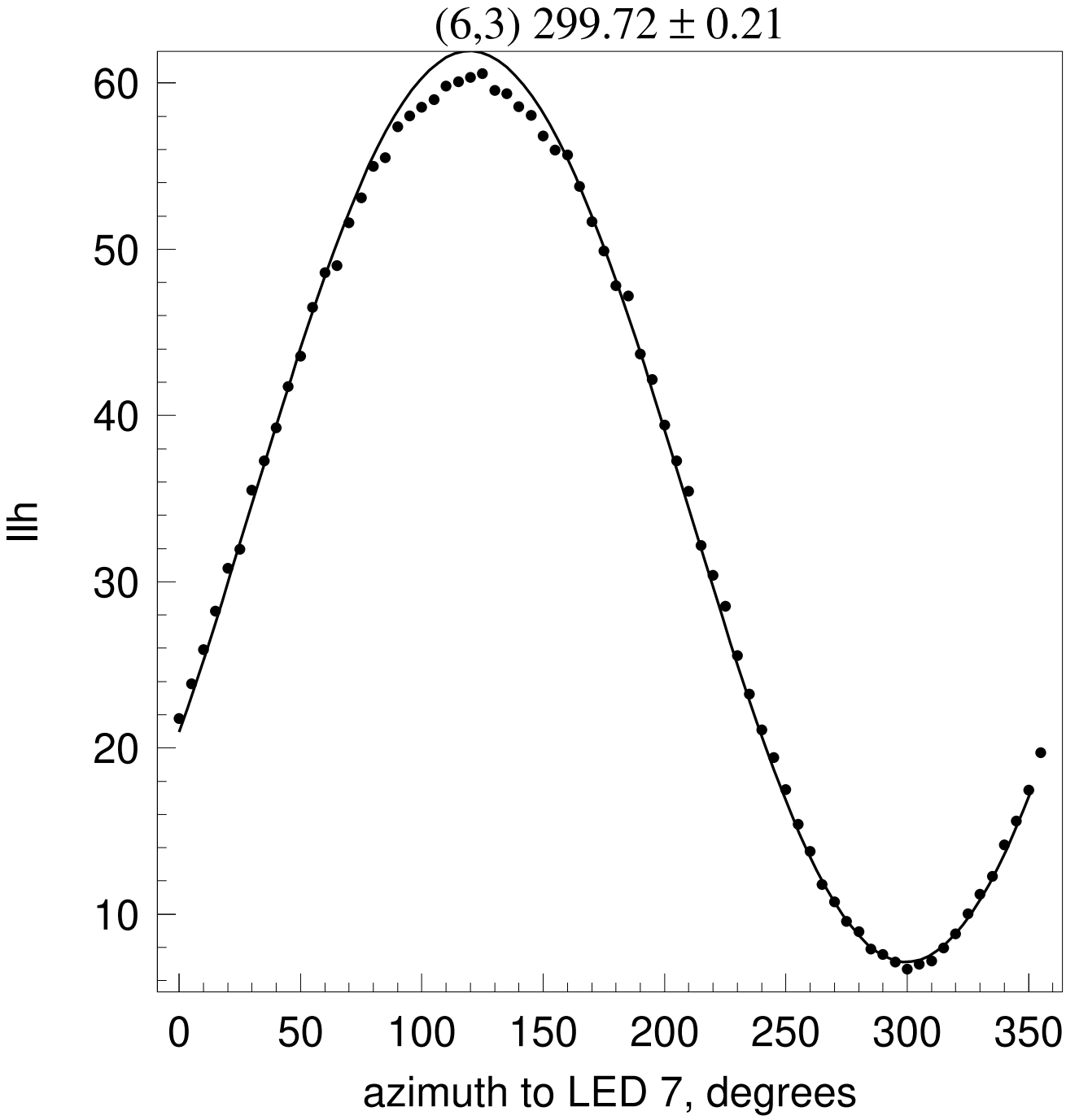

(5,58) 82.74 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

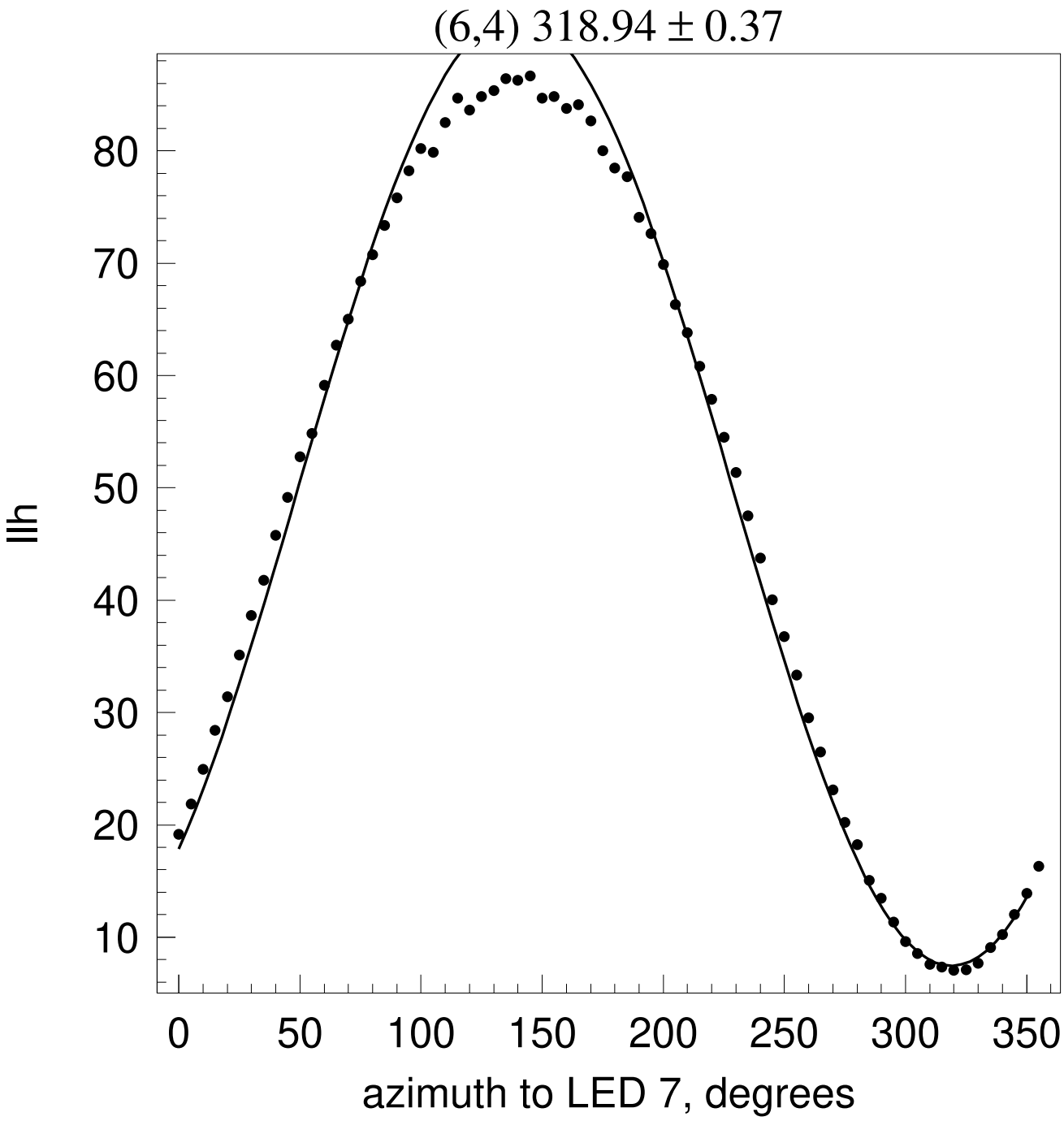

(5,59) 260.69 ± 0.58
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

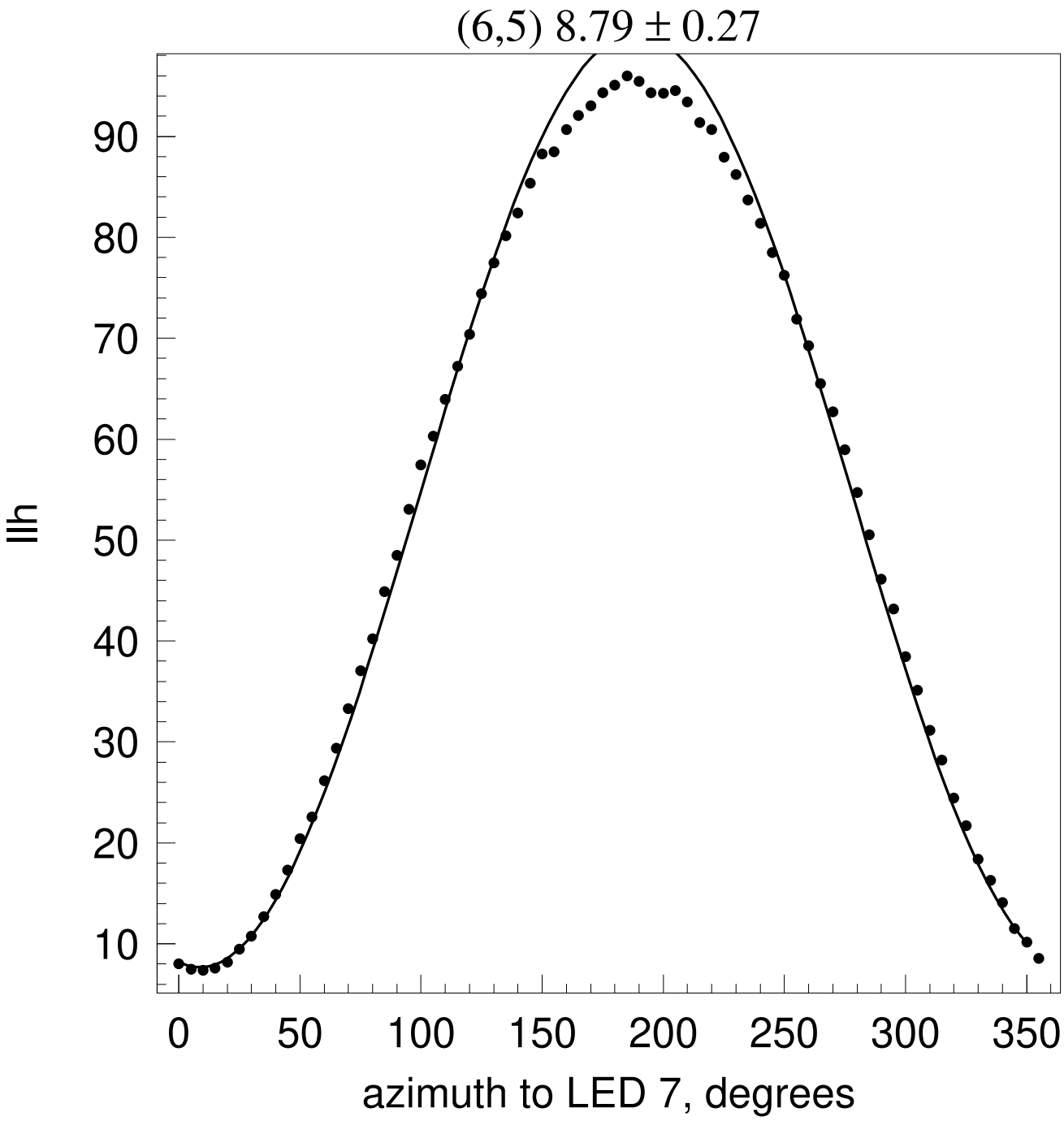

(5,60) 342.38 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

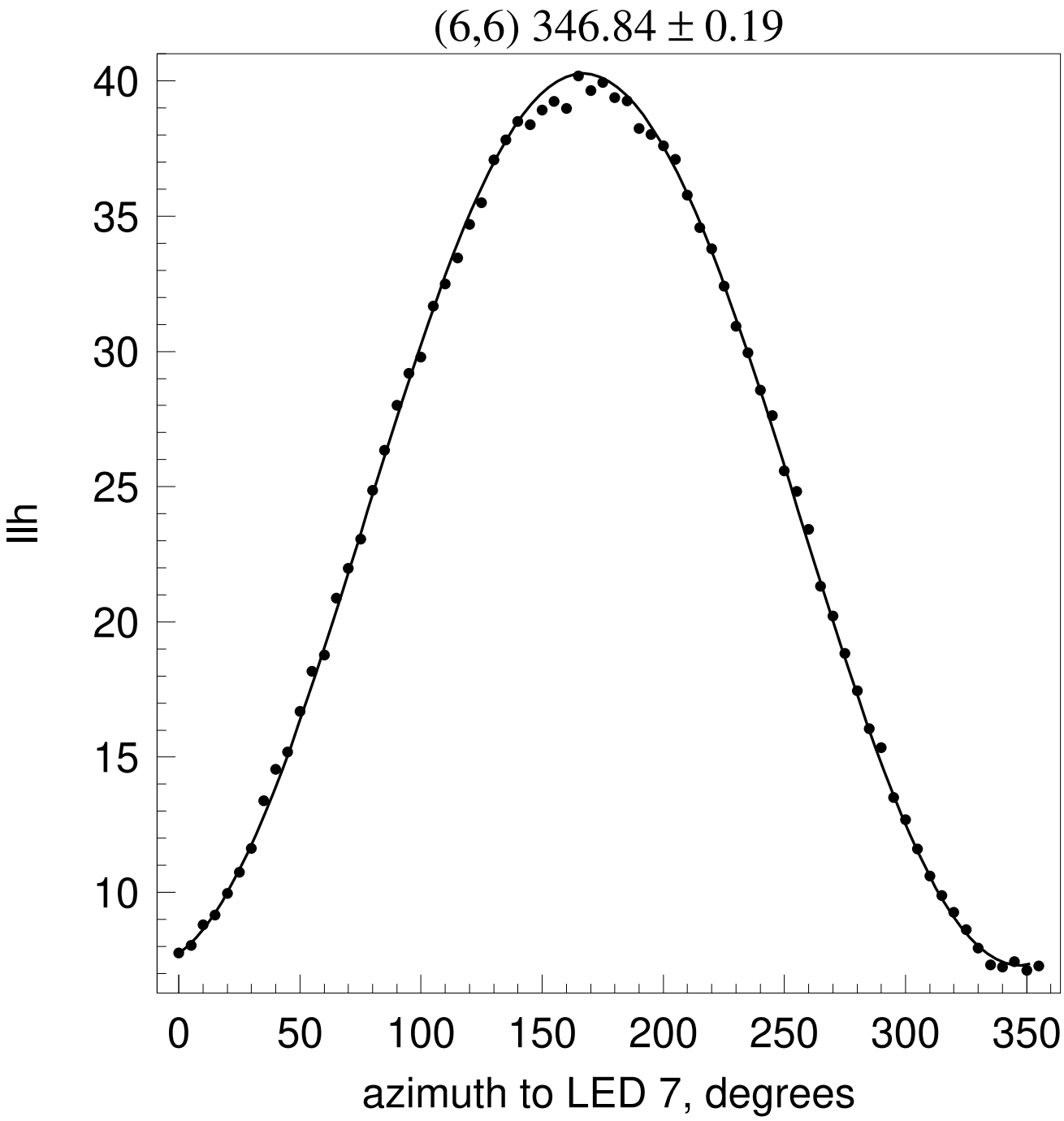

(6,1) 45.71 ± 0.35
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

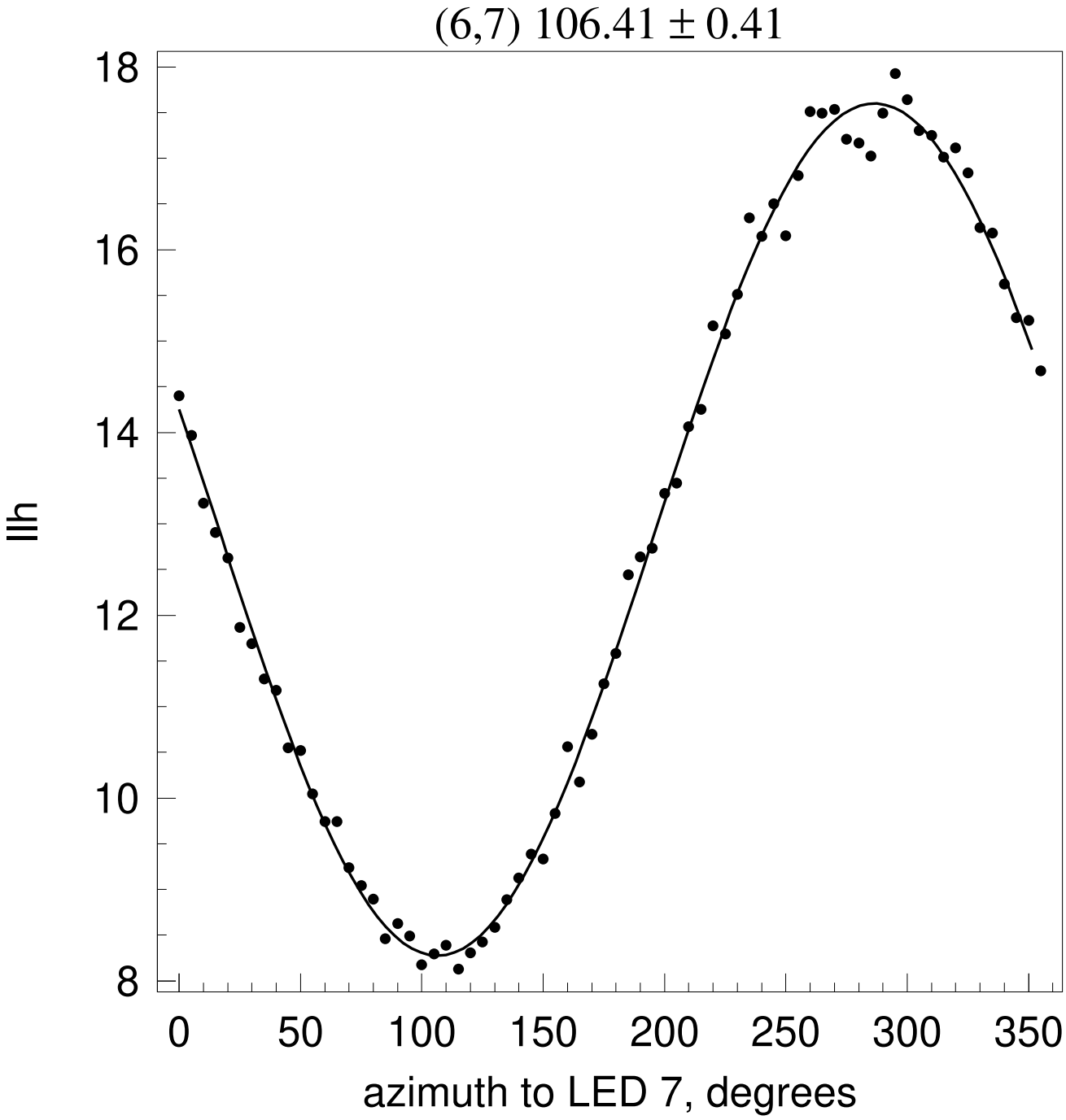

(6,2) 39.87 ± 0.27
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

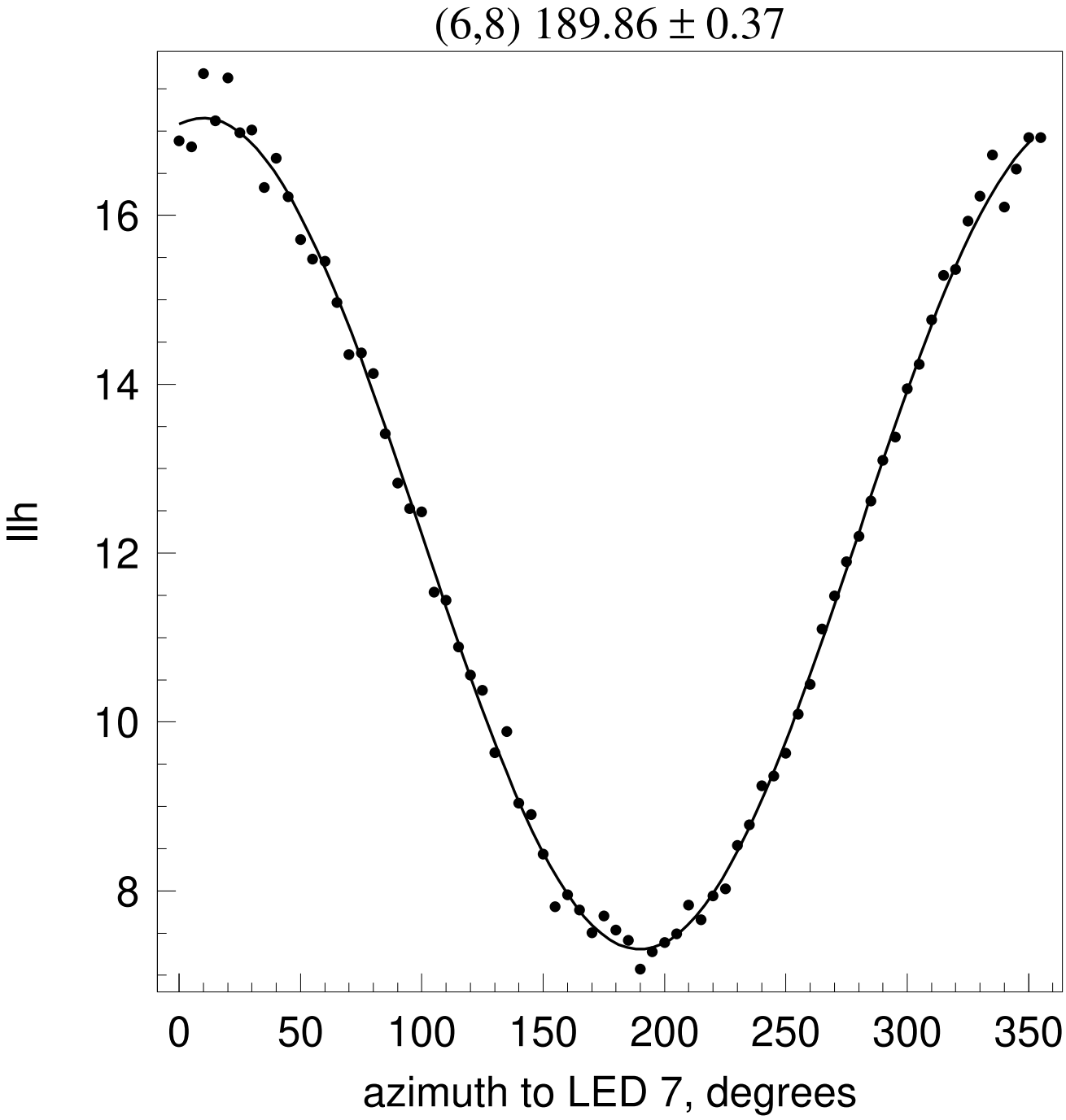

(6,3) 299.72 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

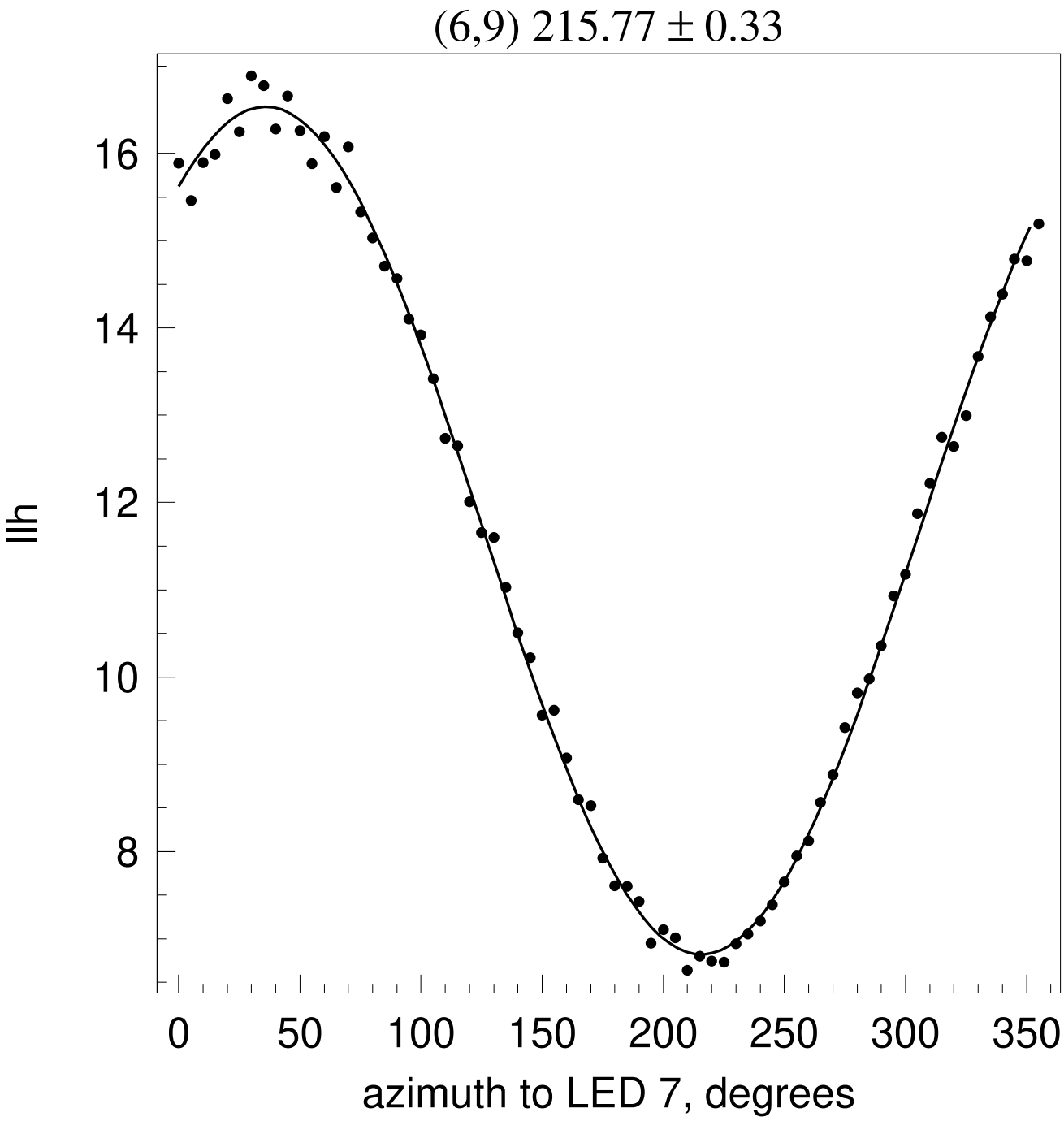

(6,4) 318.94 ± 0.37
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

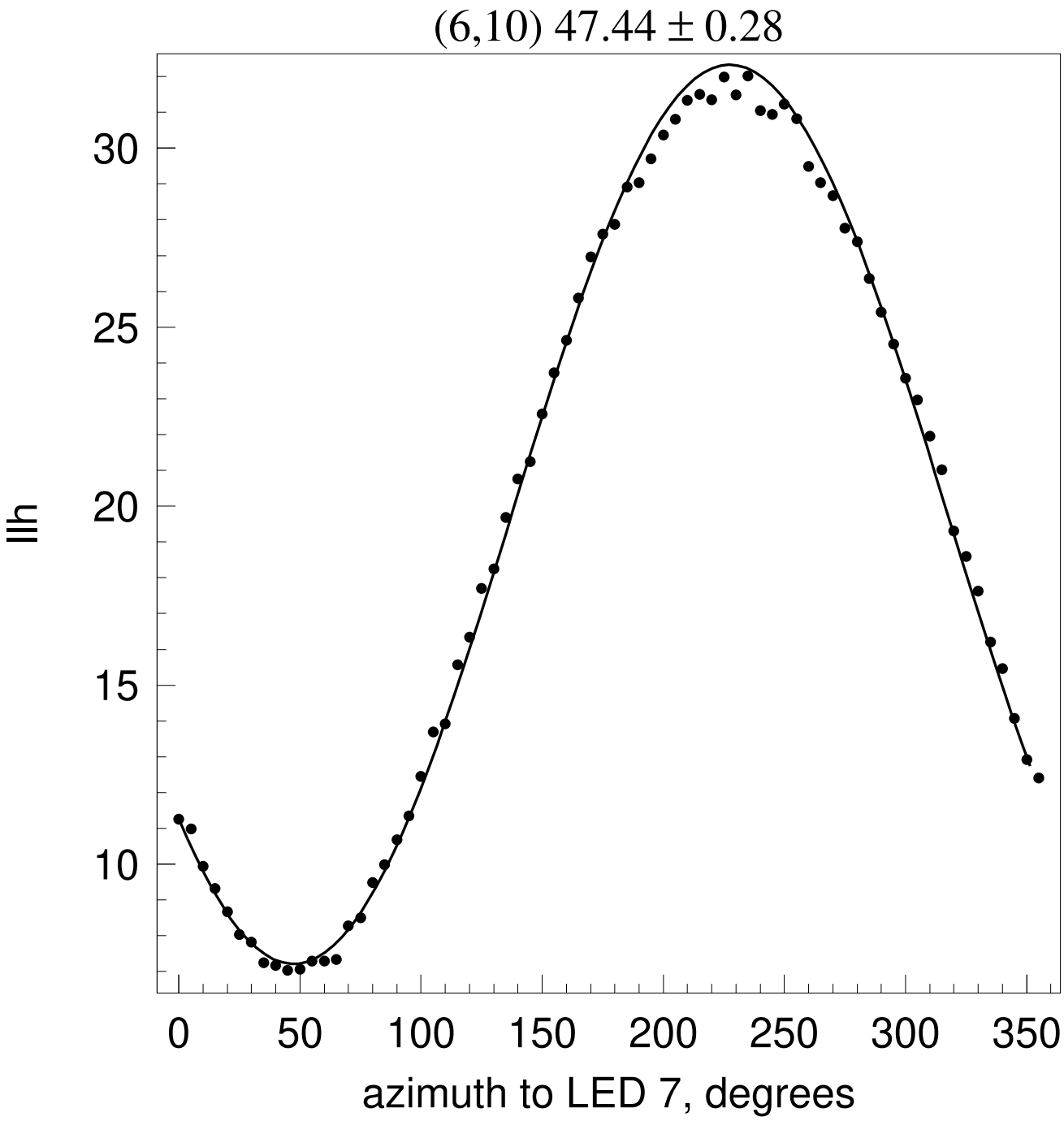

(6,5) 8.79 ± 0.27
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

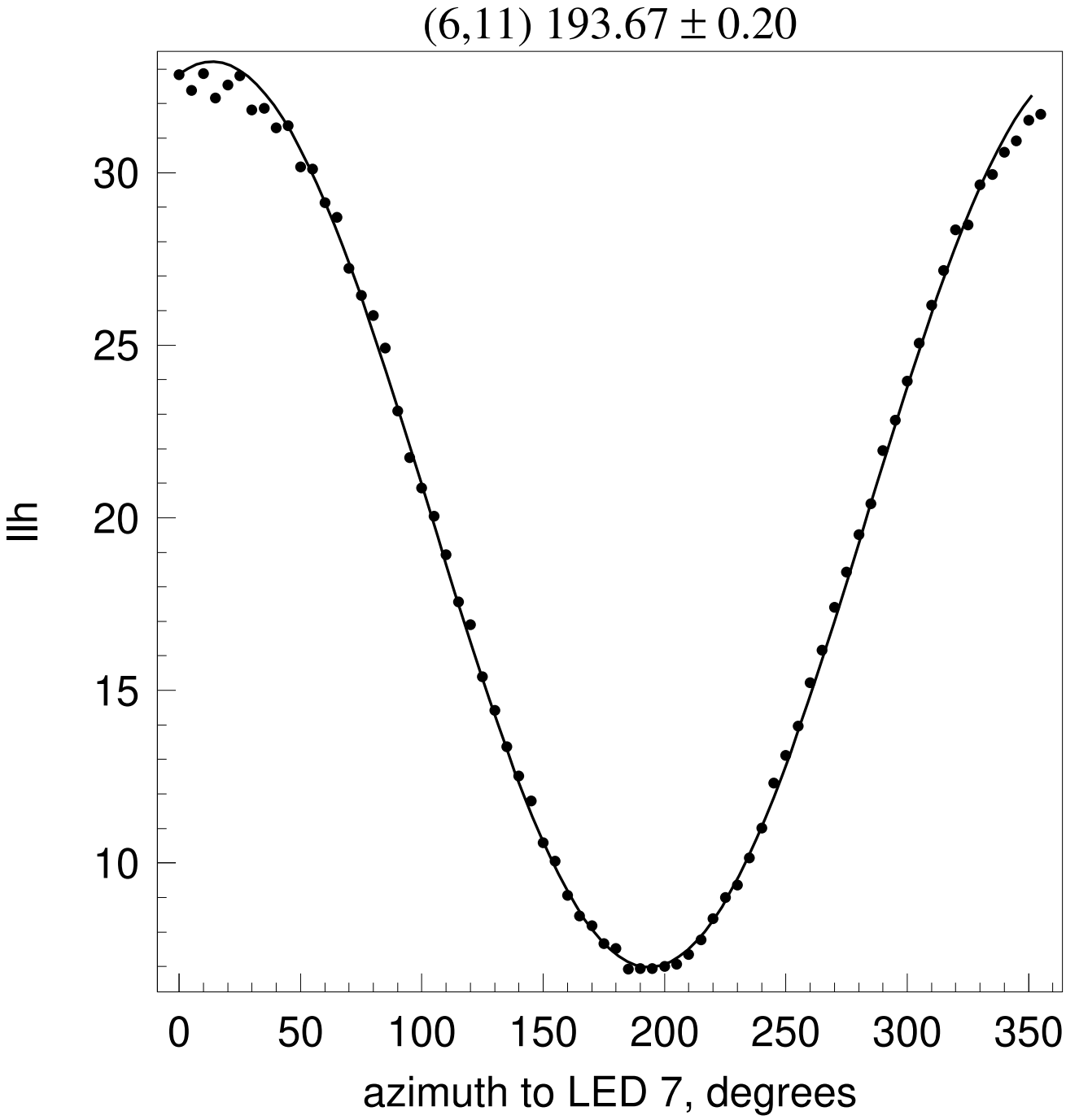

(6,6) 346.84 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

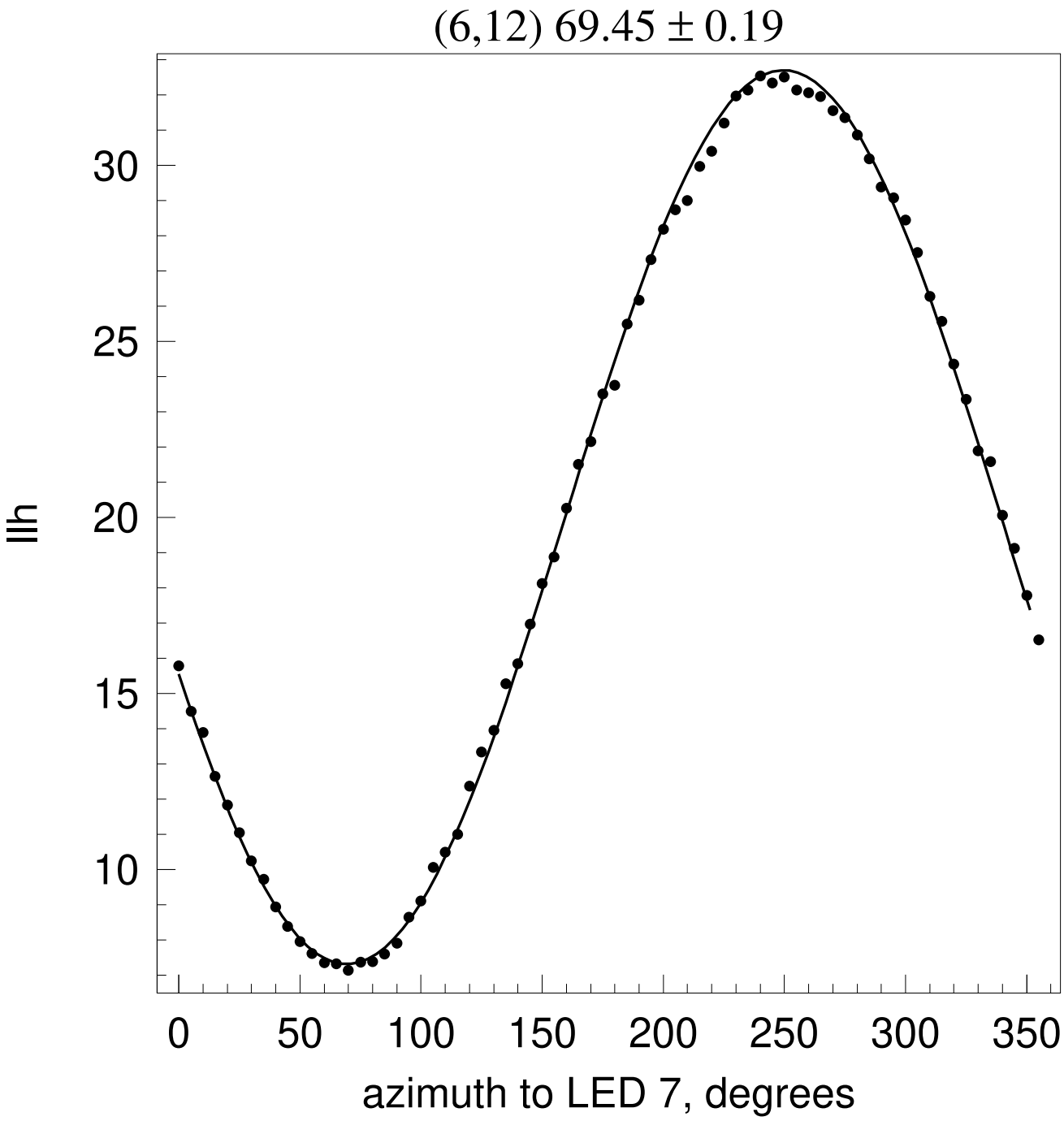

(6,7) 106.41 ± 0.41
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

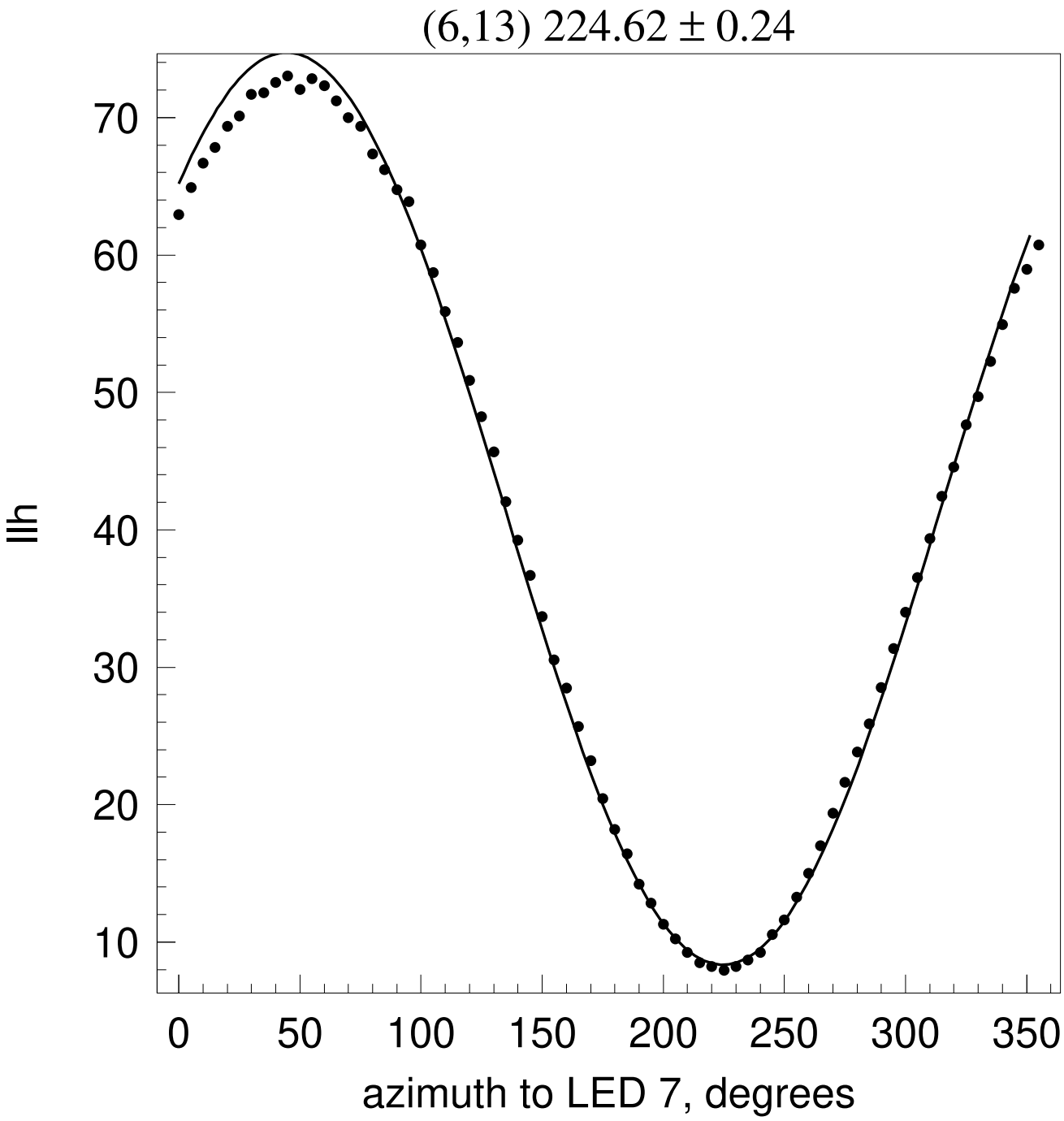

(6,8) 189.86 ± 0.37
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

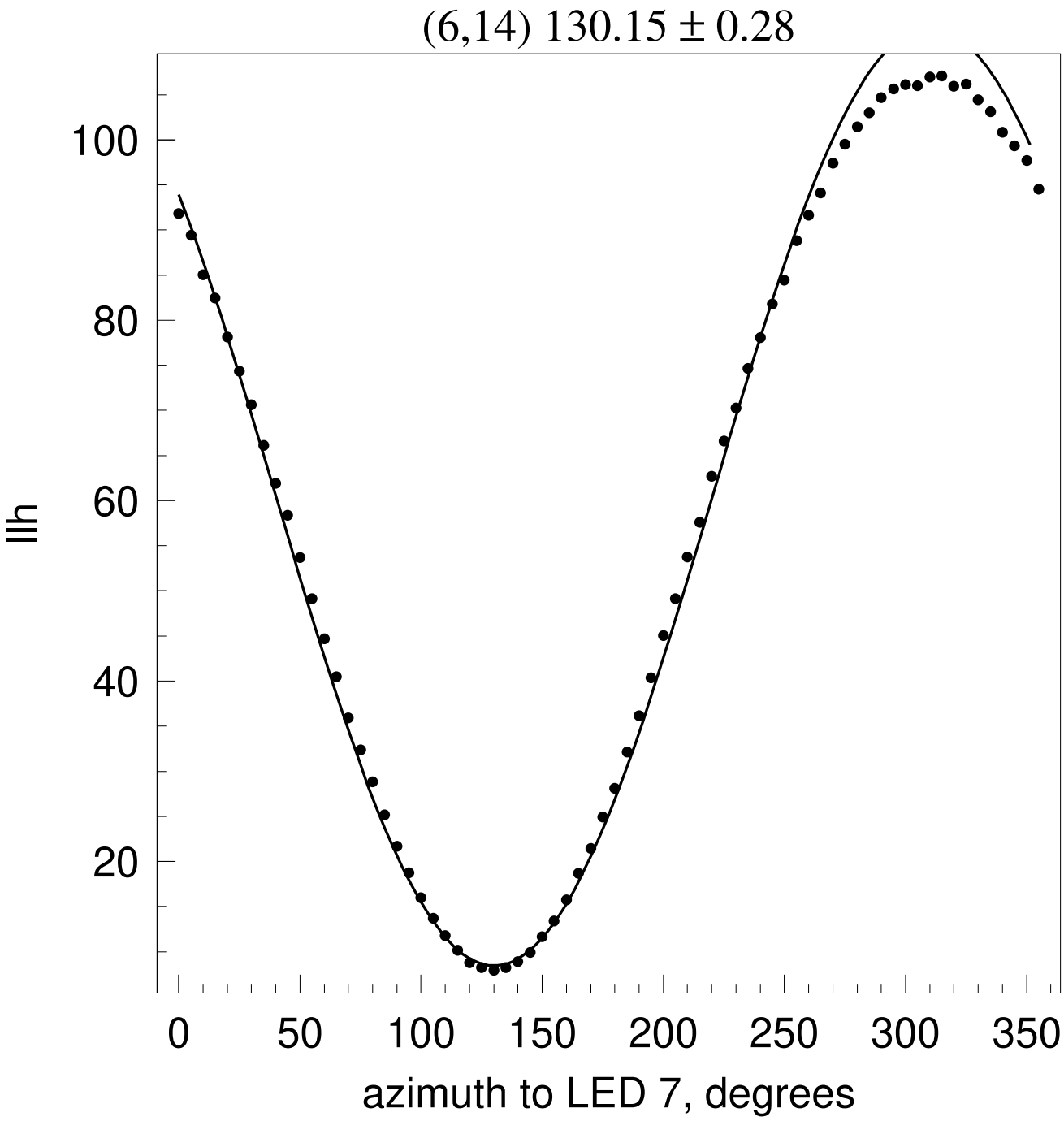

(6,9) 215.77 ± 0.33
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

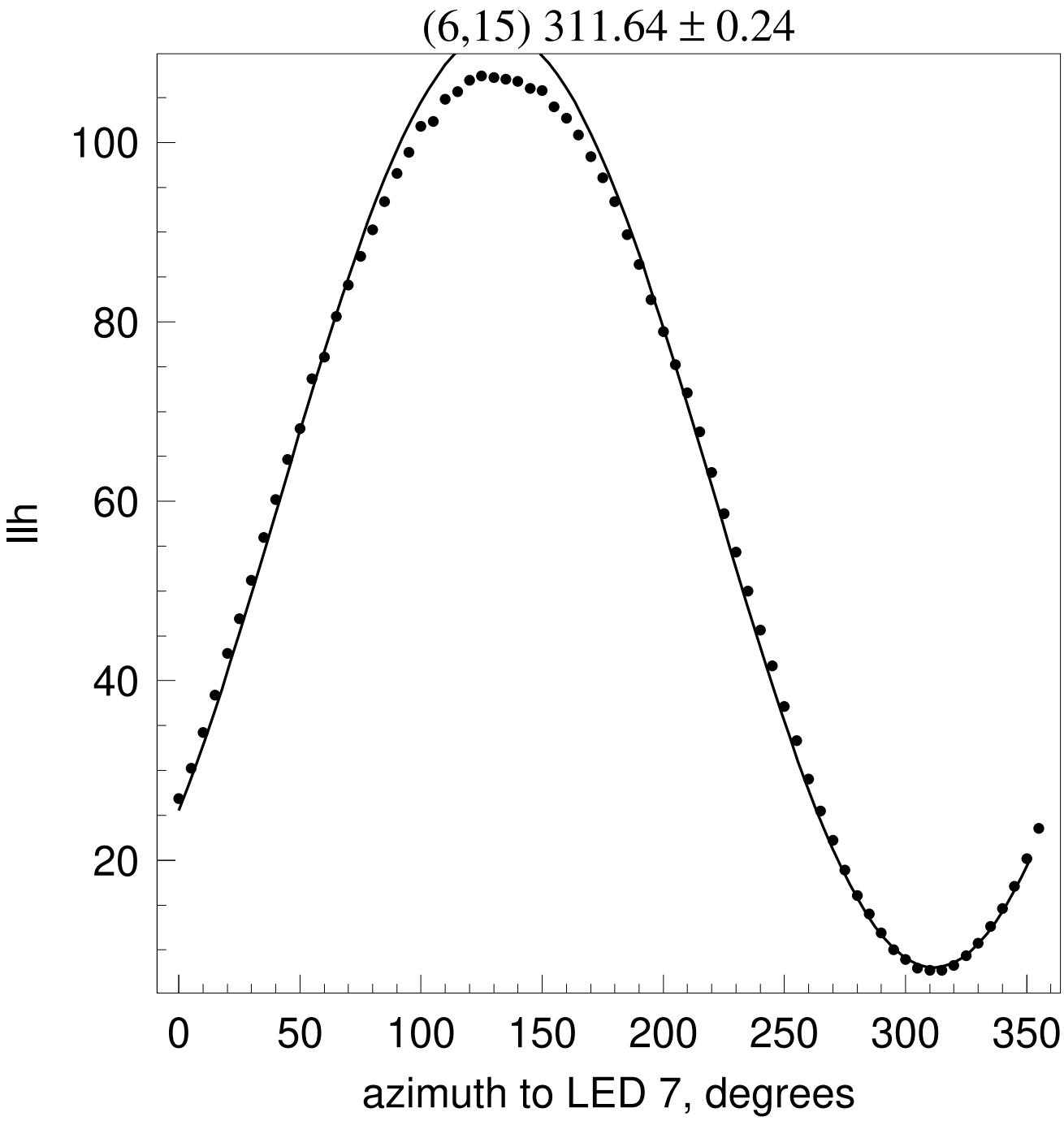

(6,10) 47.44 ± 0.28
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

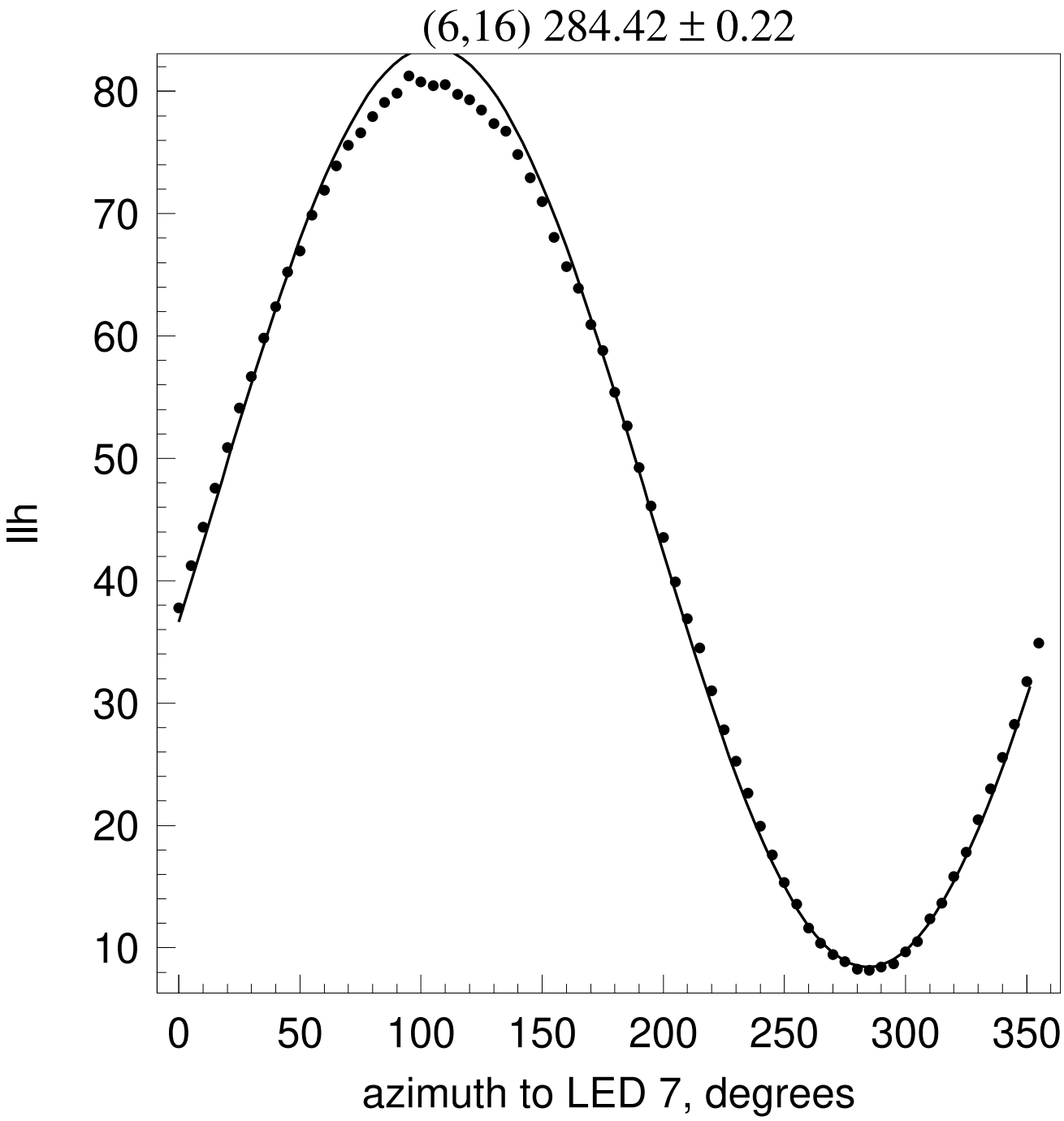

(6,11) 193.67 ± 0.20
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

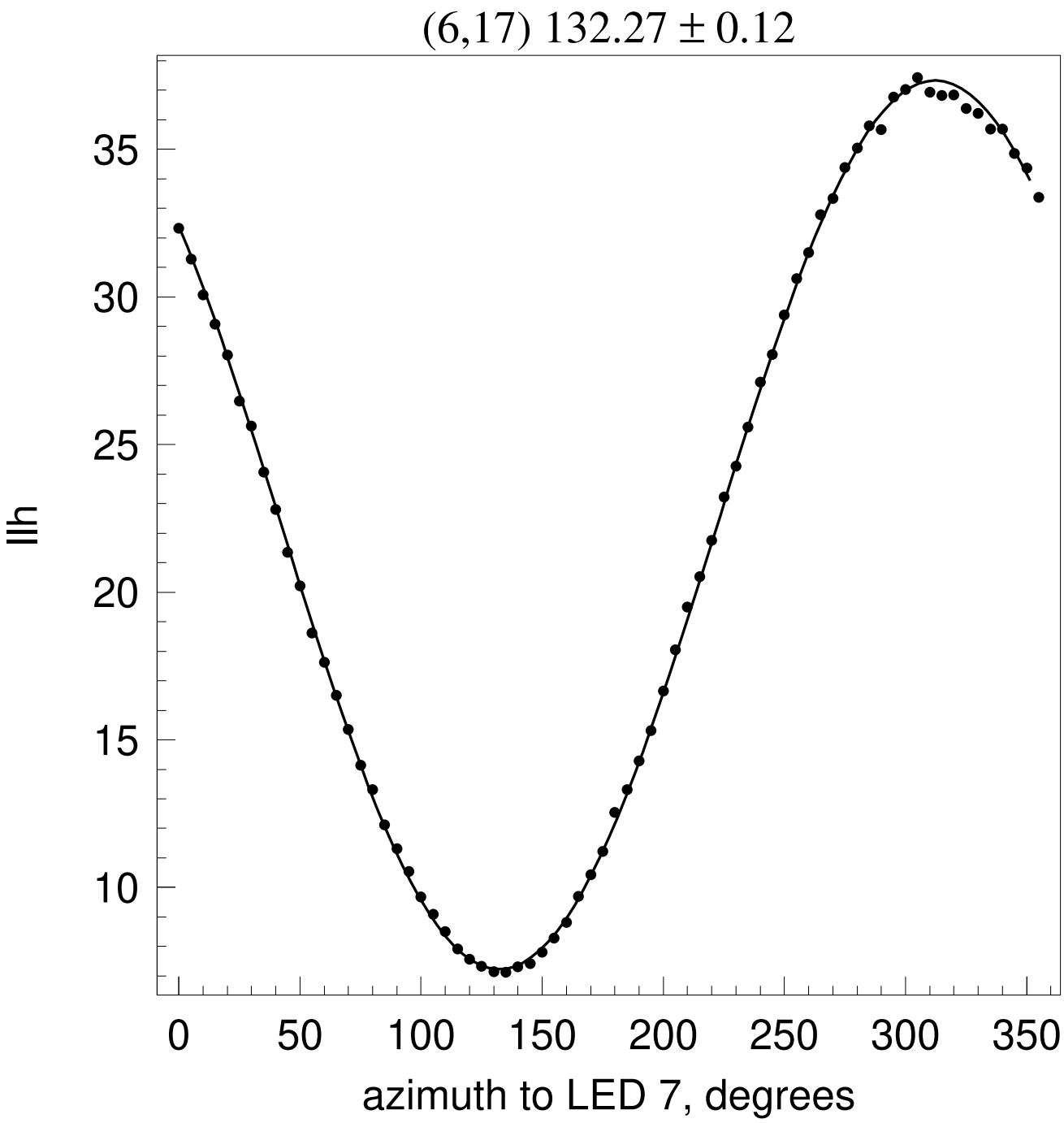

(6,12) 69.45 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

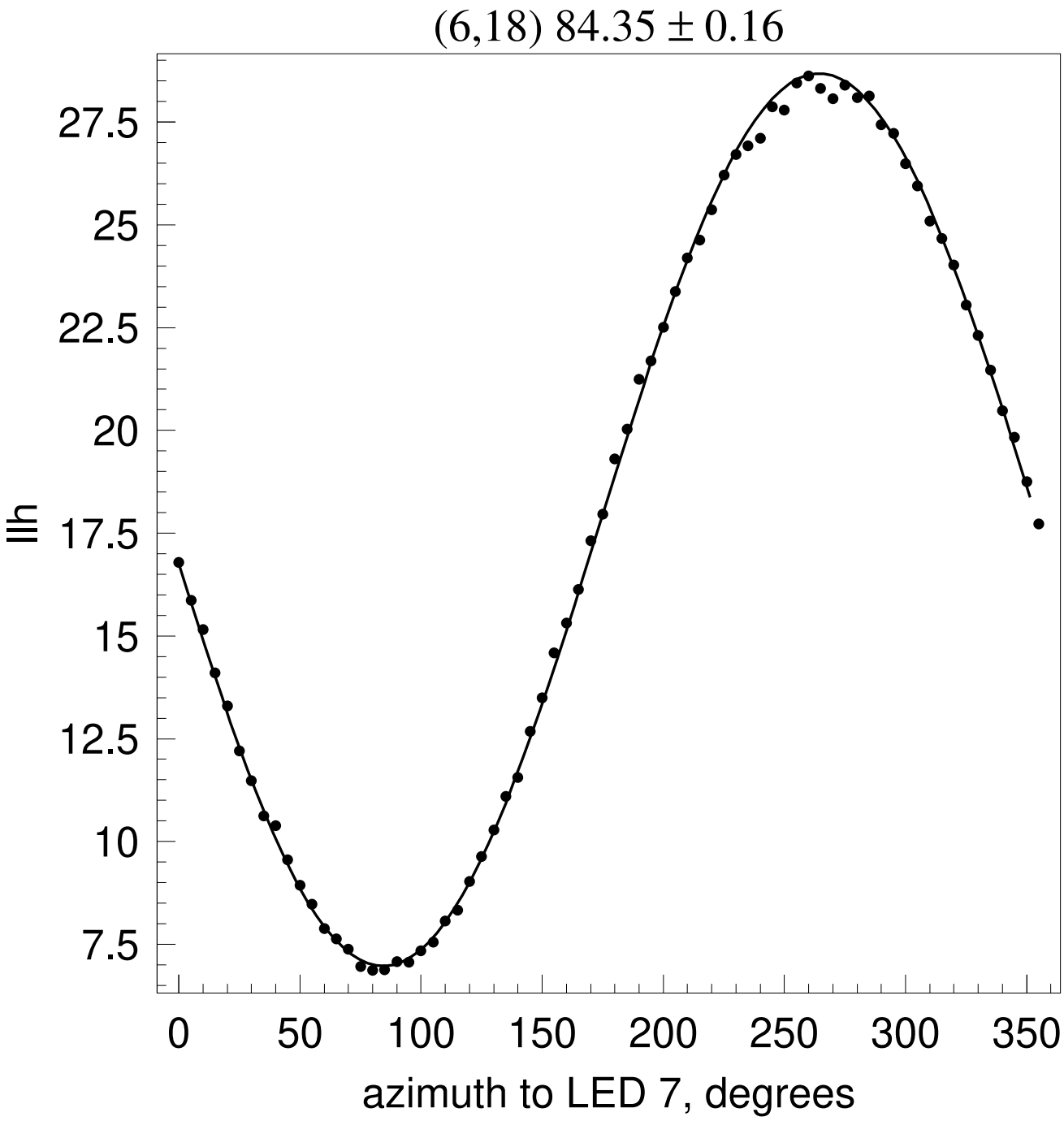

(6,13) 224.62 ± 0.24
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

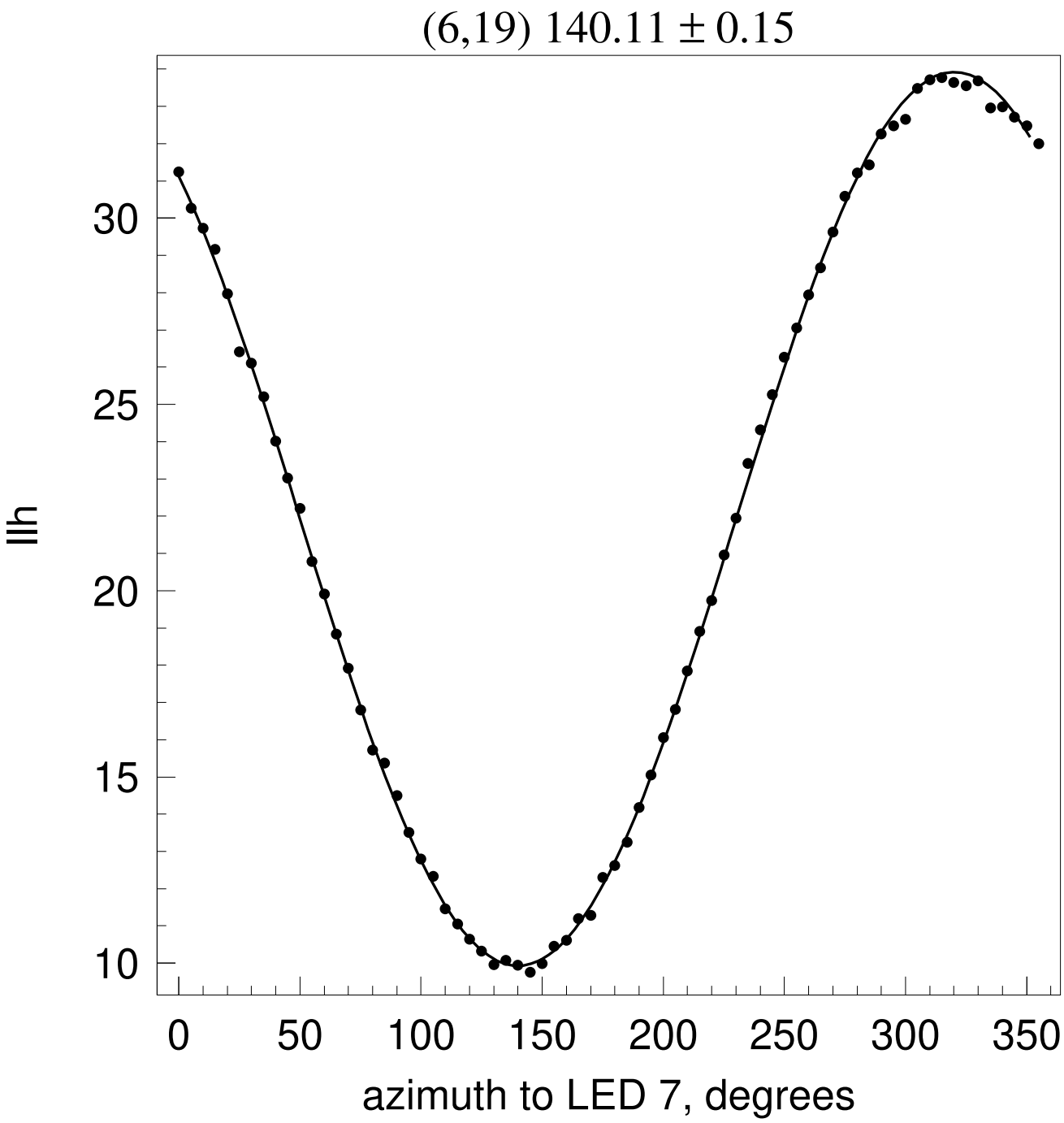

(6,14) 130.15 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

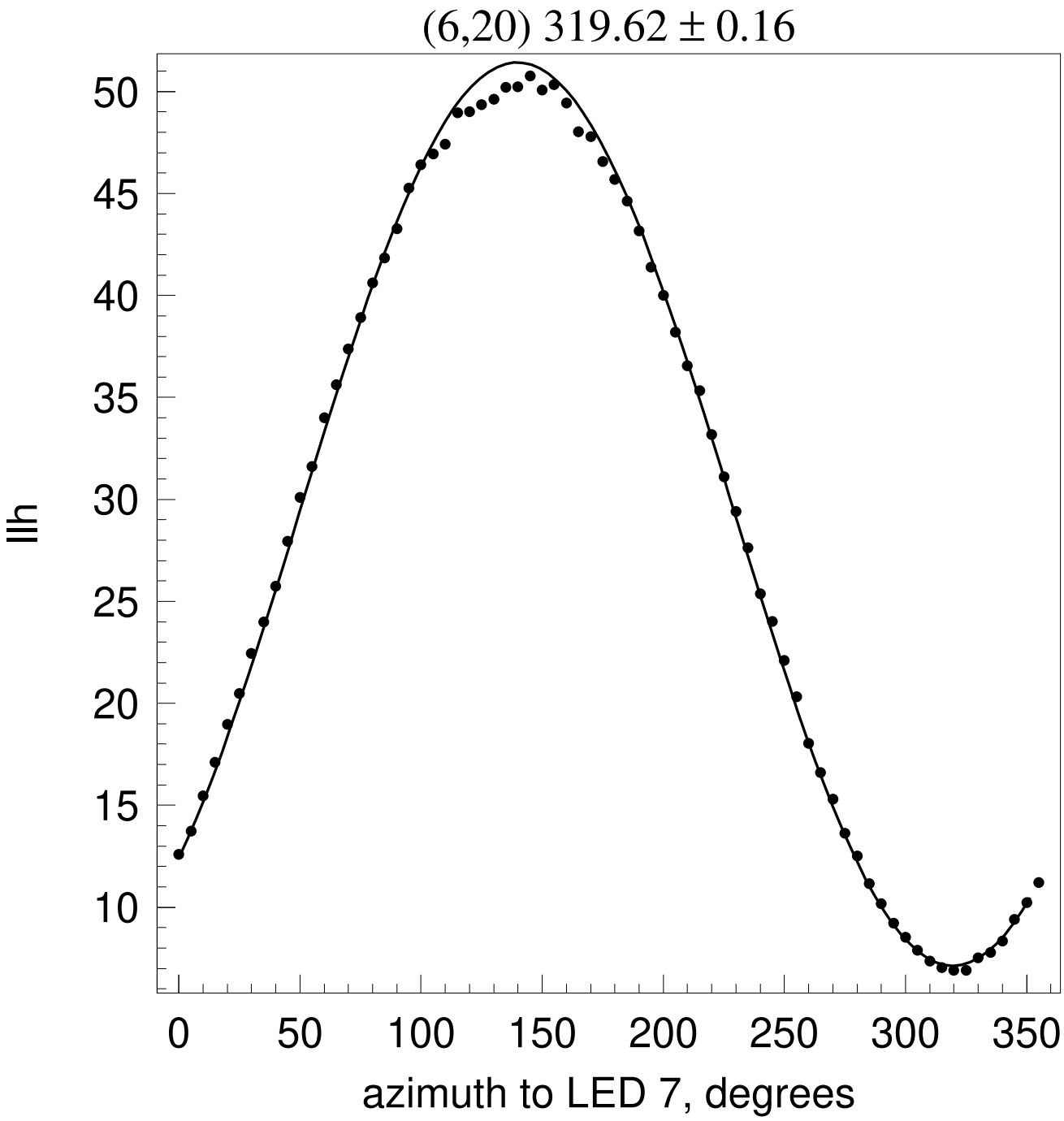

(6,15) 311.64 ± 0.24
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

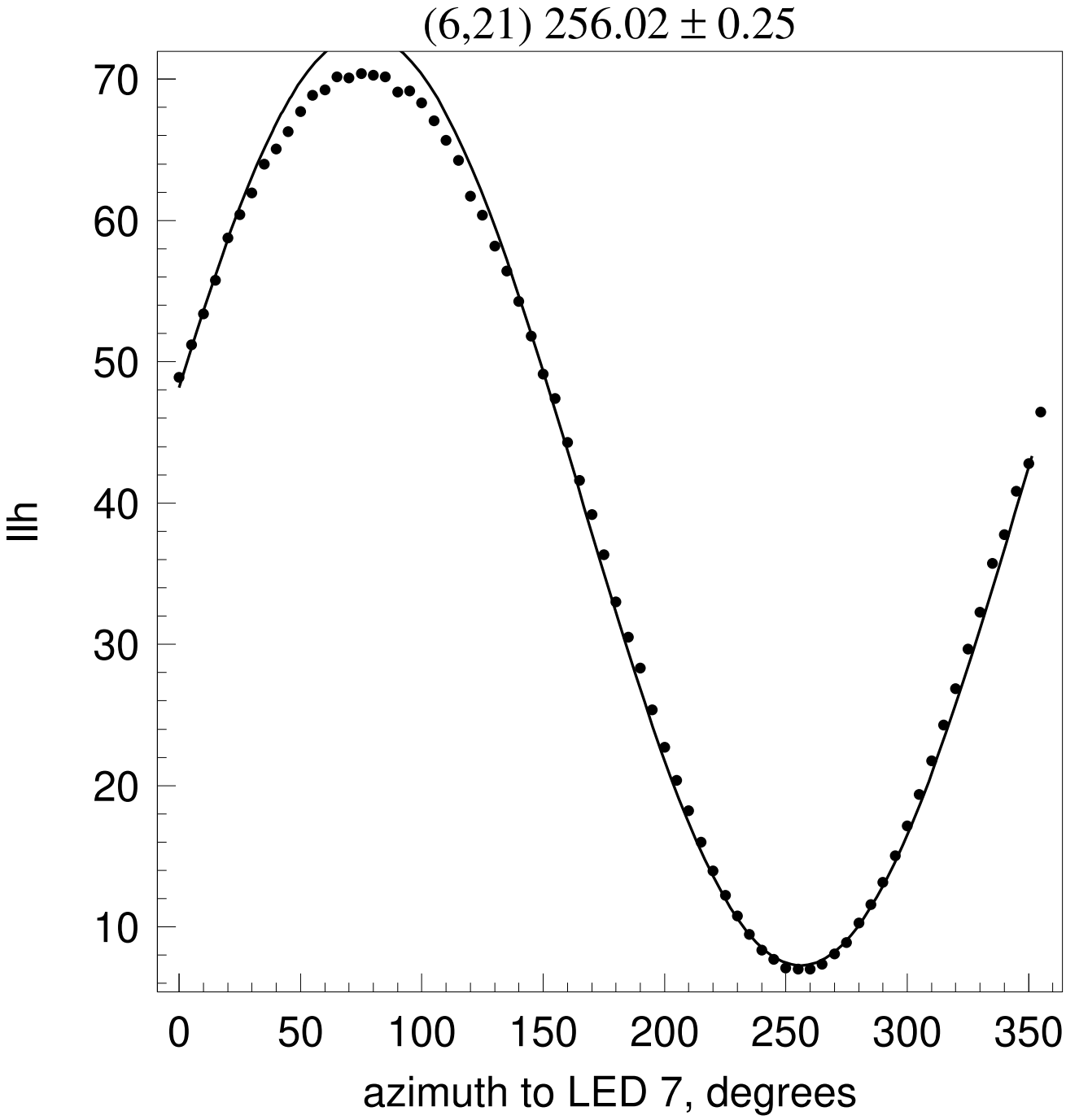

(6,16) 284.42 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

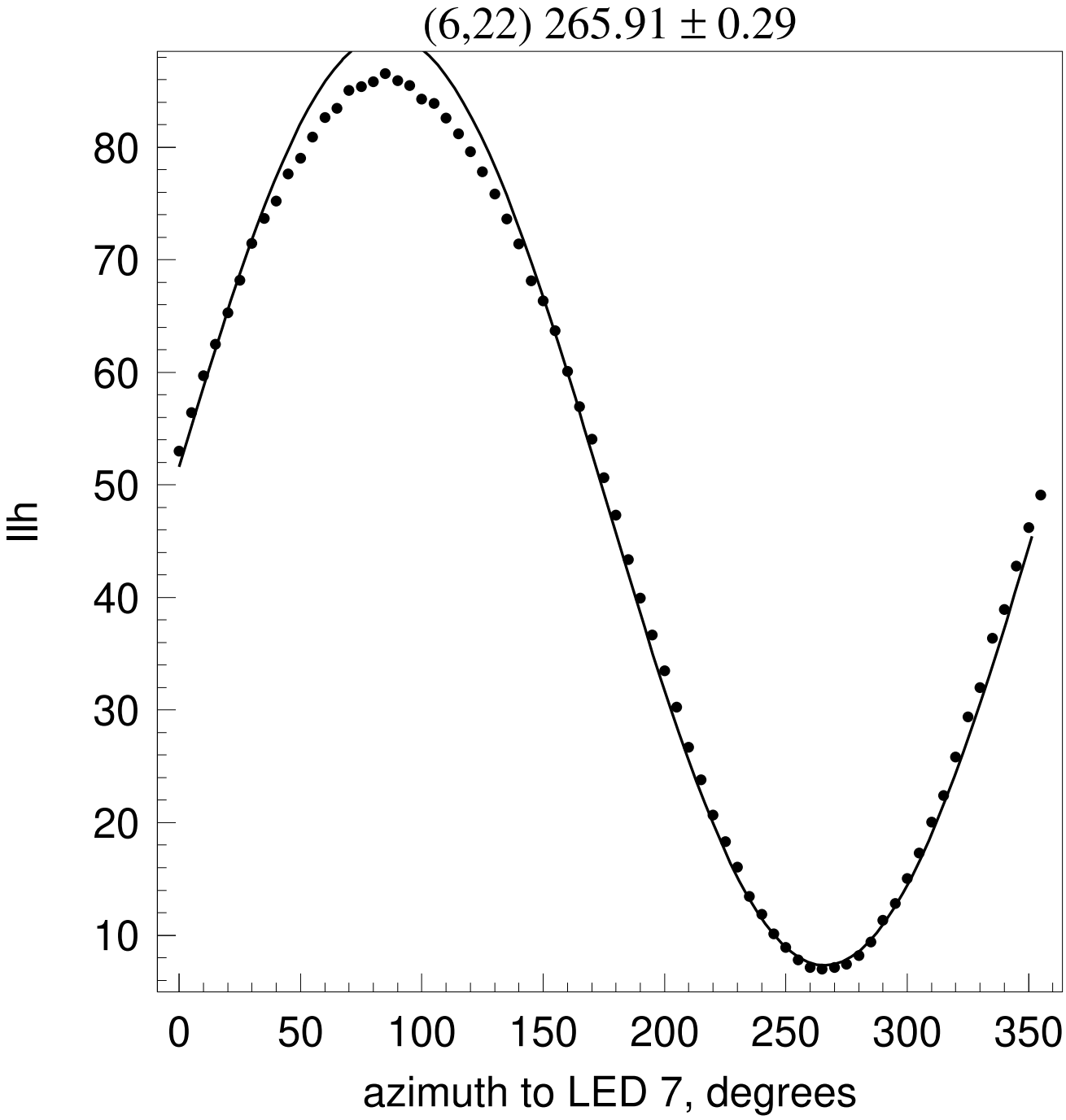

(6,17) 132.27 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

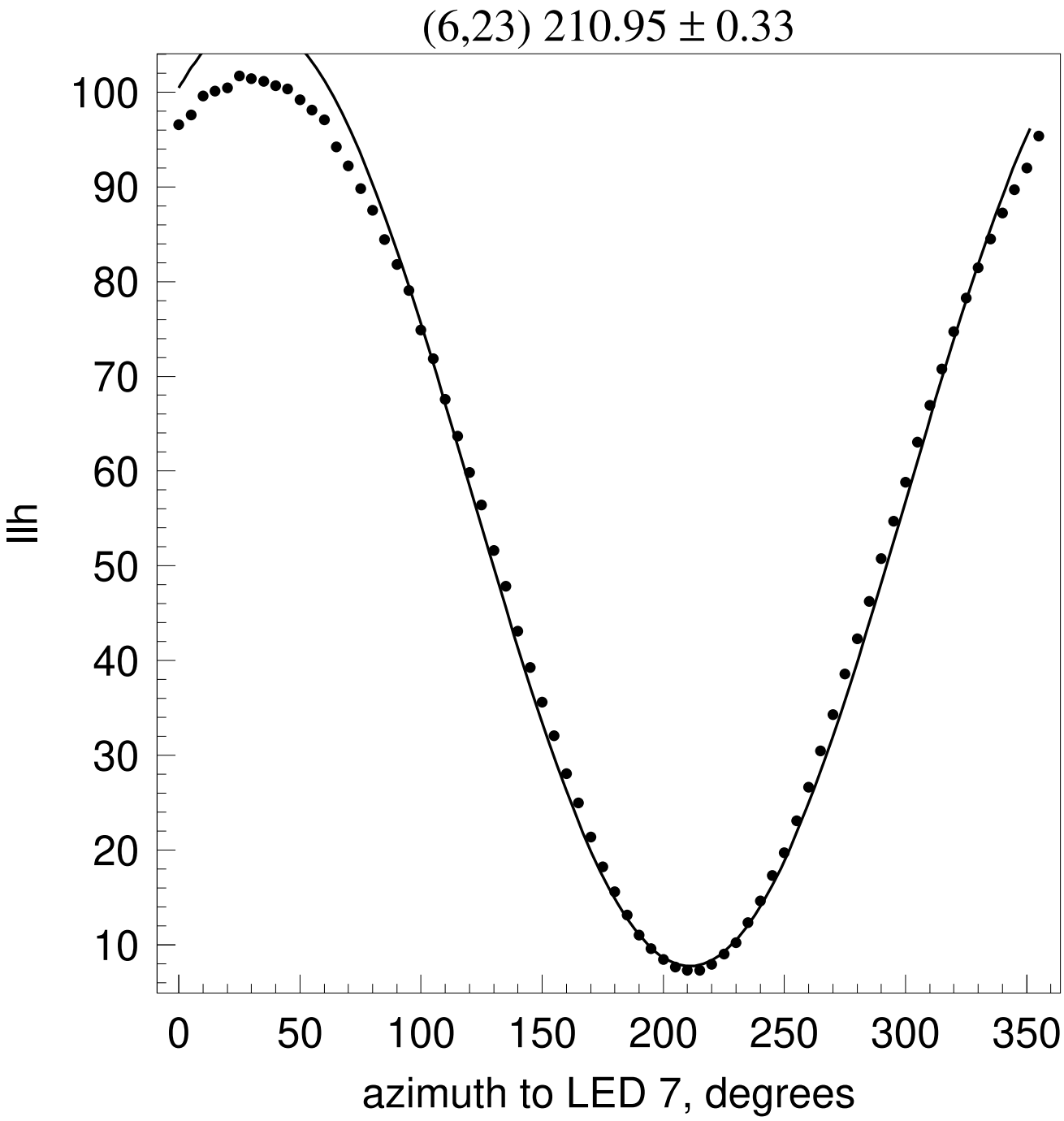

(6,18) 84.35 ± 0.16
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

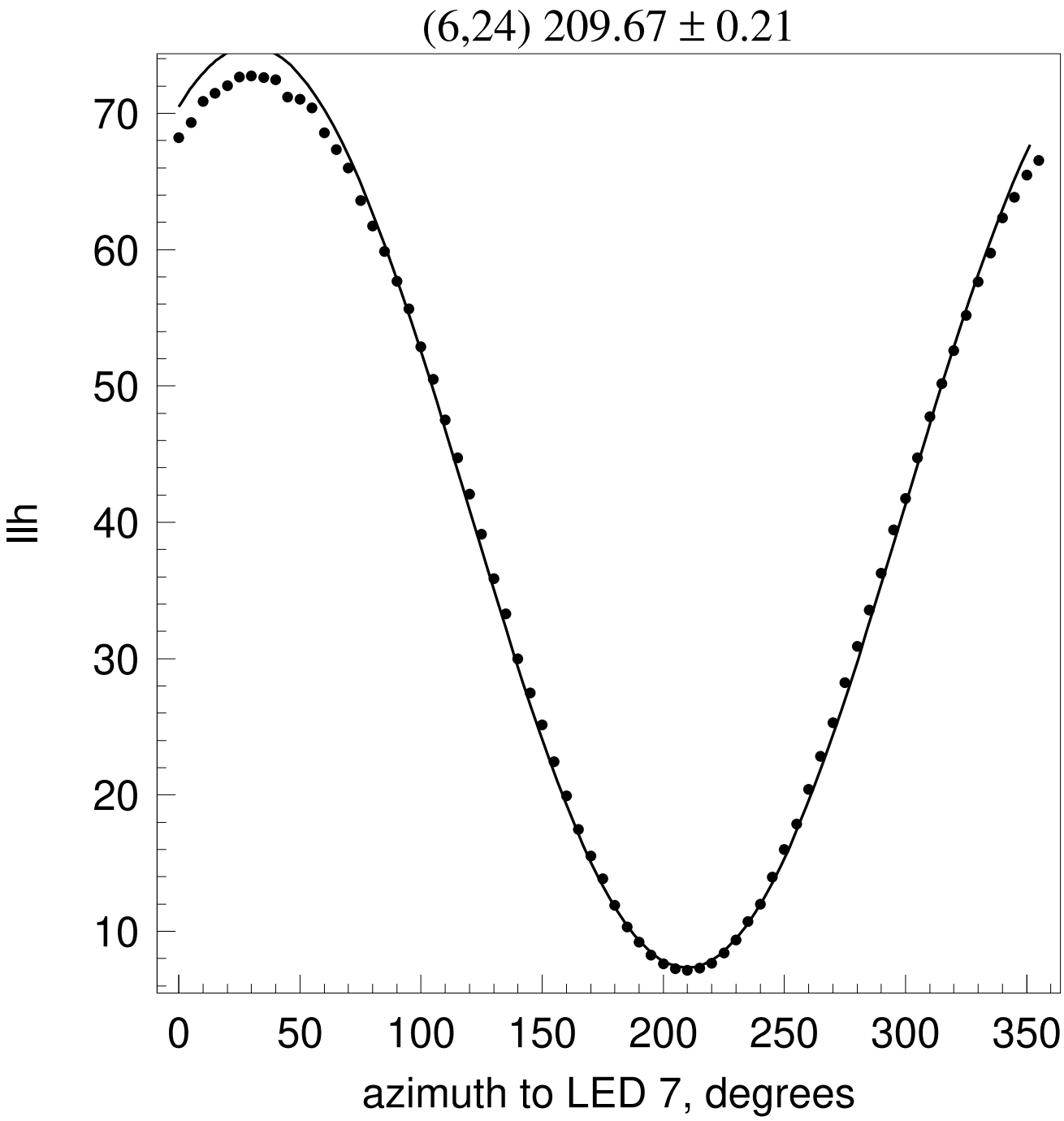

(6,19) 140.11 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

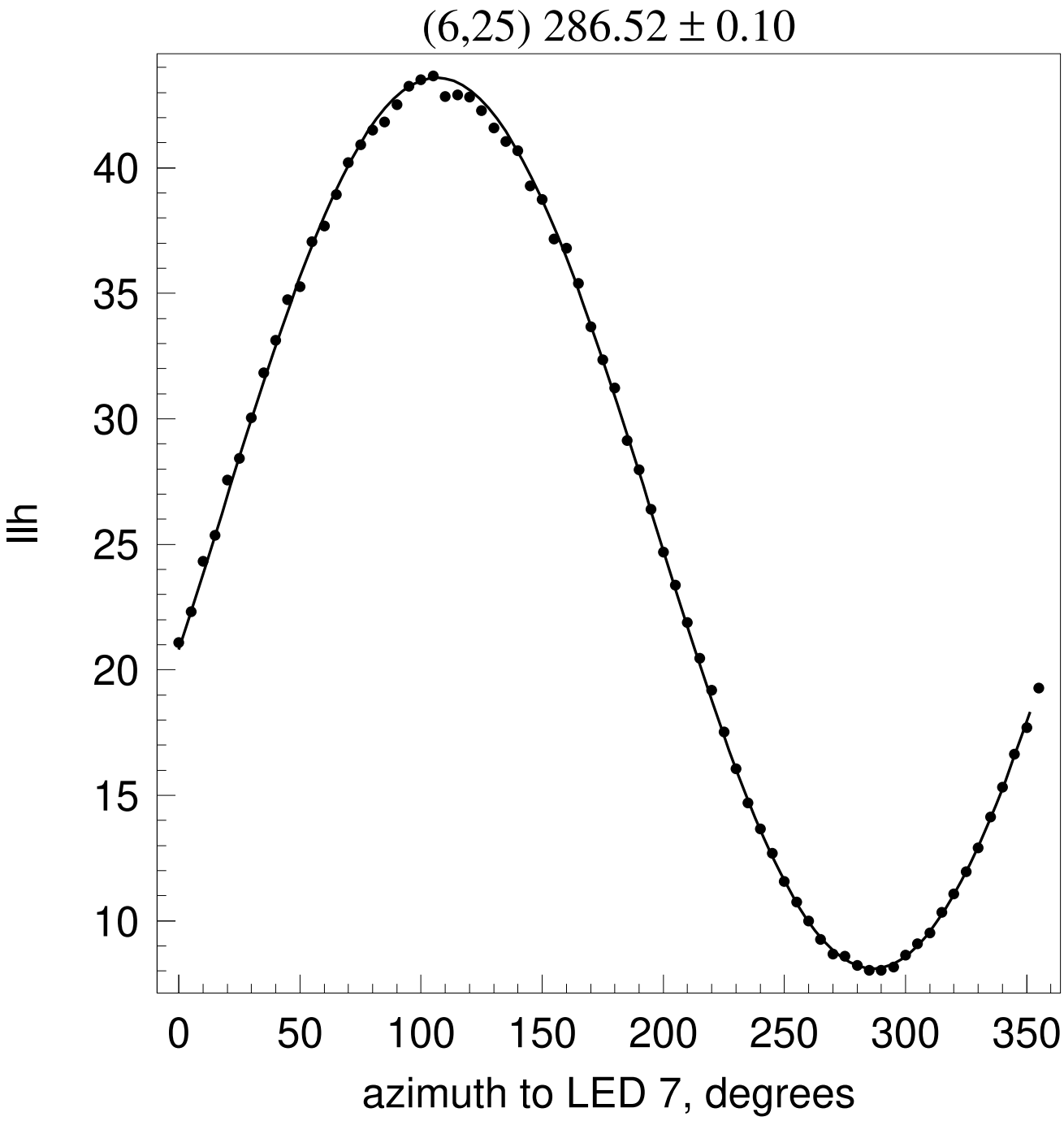

(6,20) 319.62 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

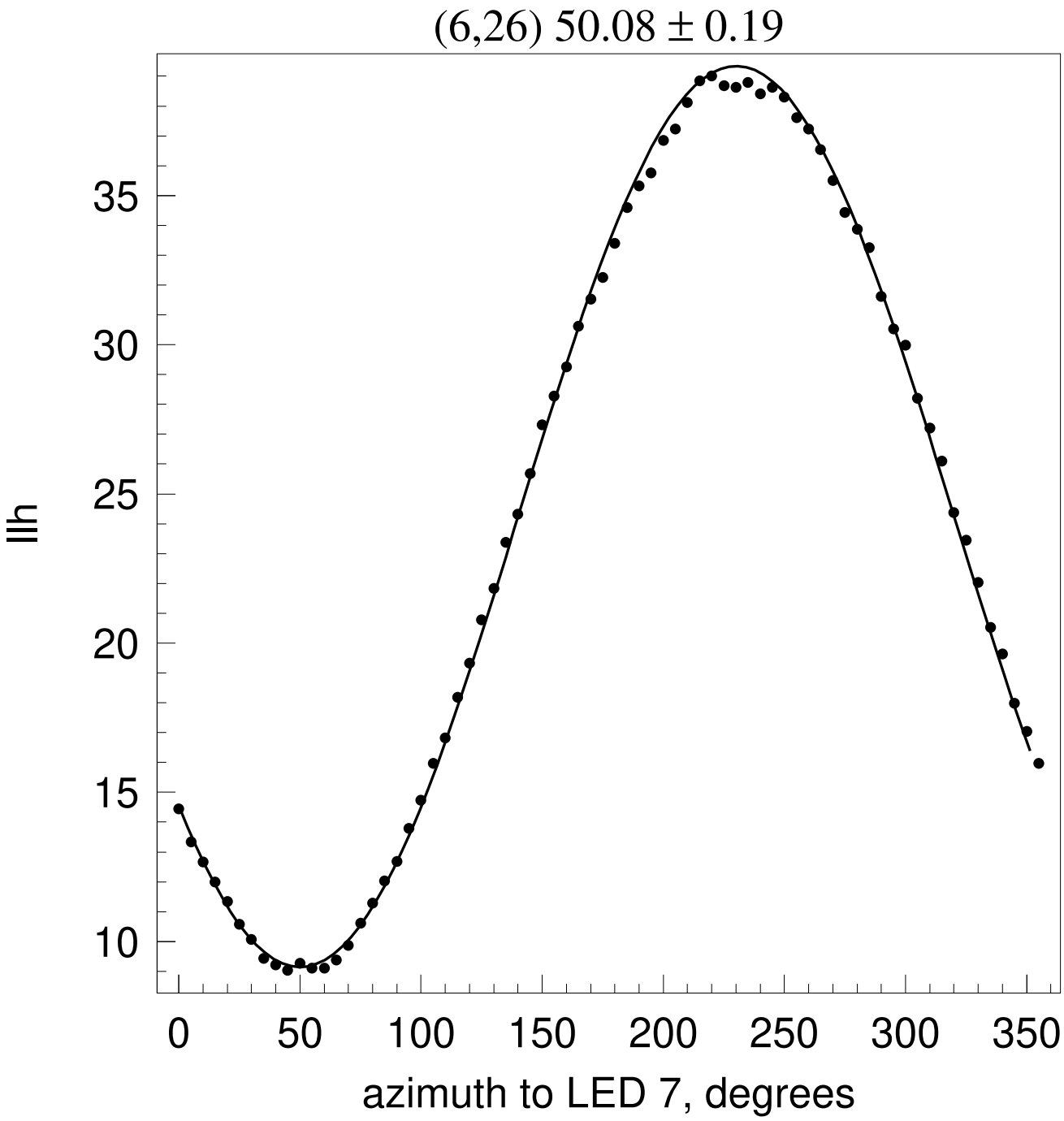

(6,21) 256.02 ± 0.25
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

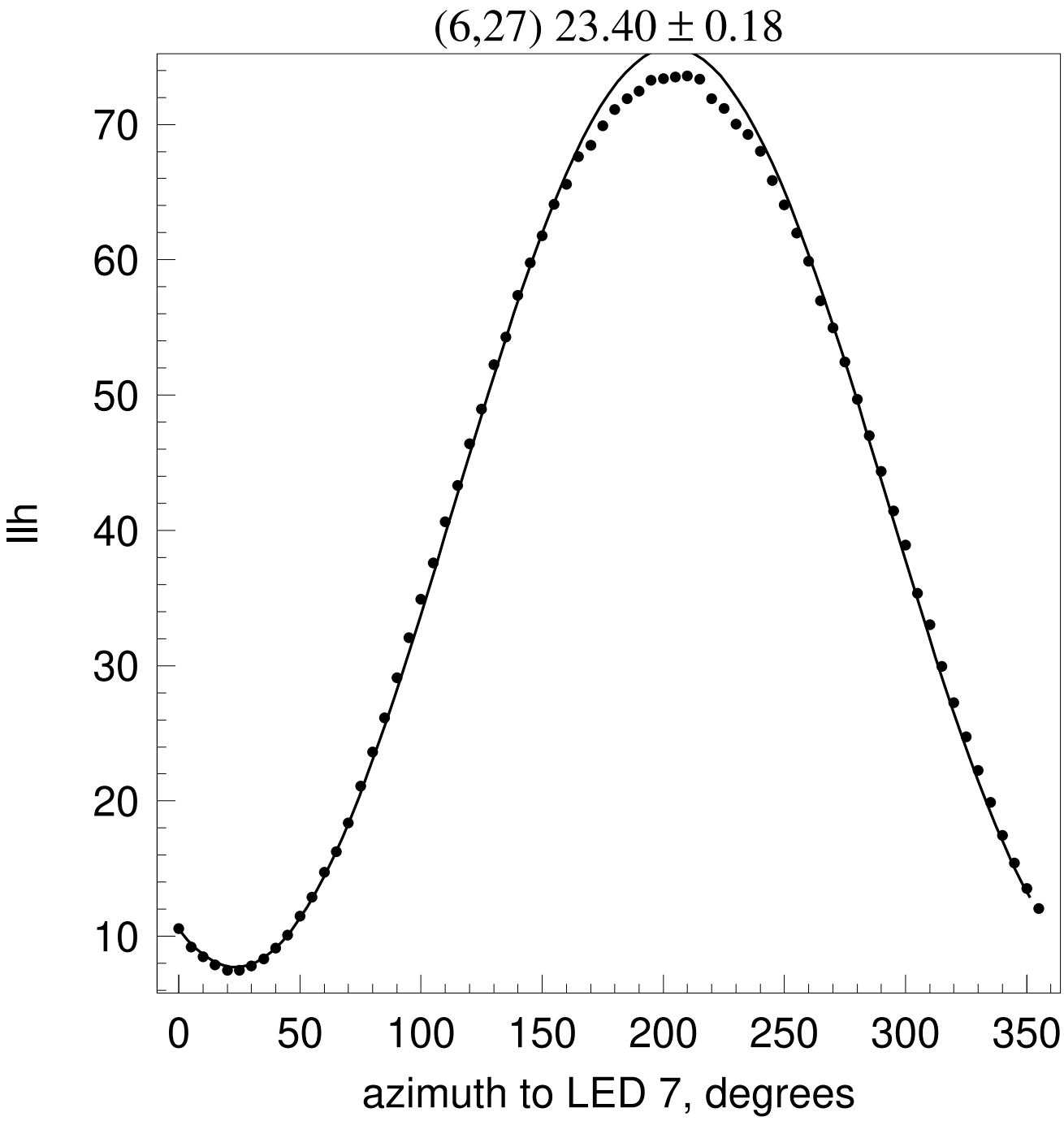

(6,22) 265.91 ± 0.29
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

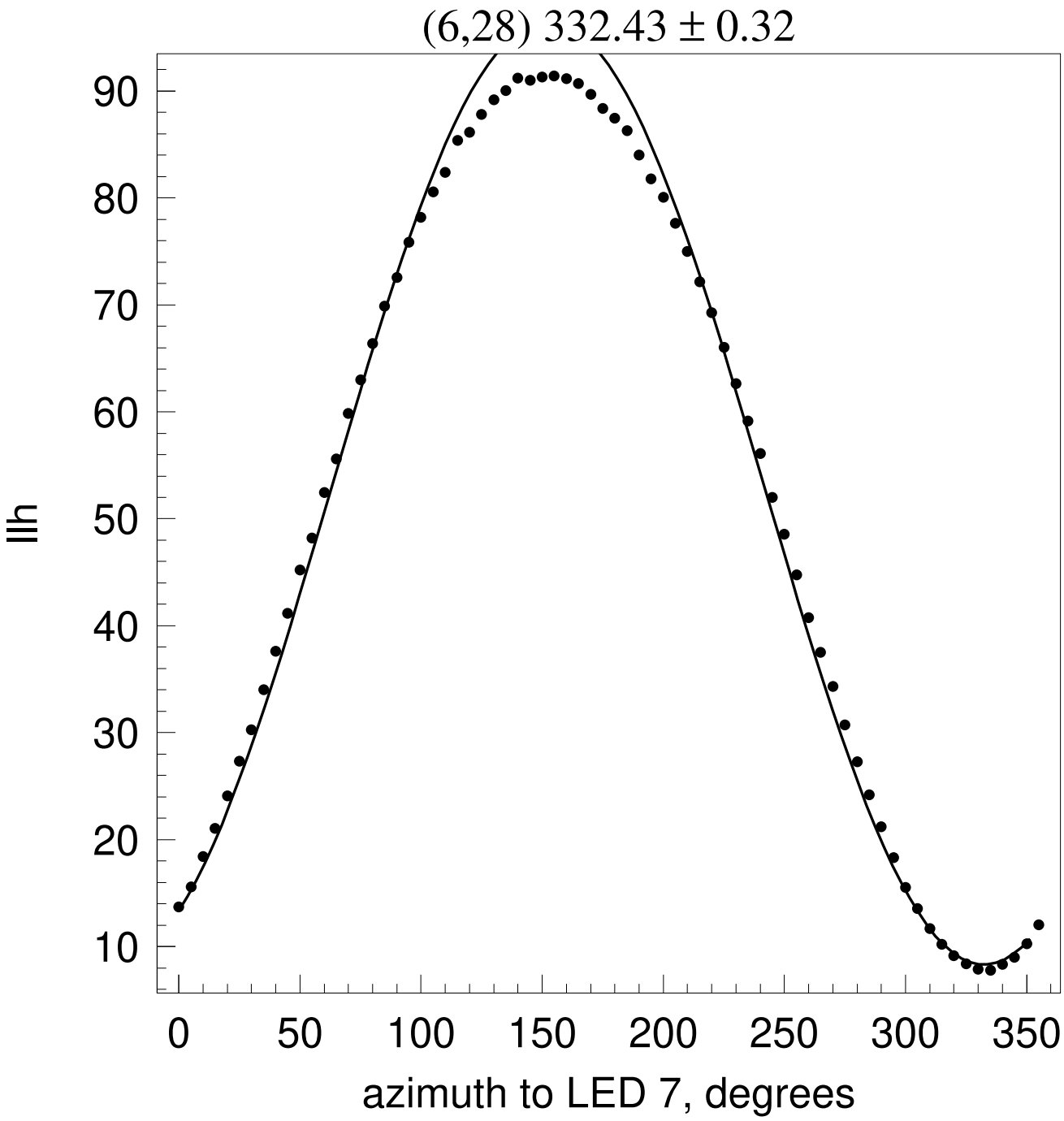

(6,23) 210.95 ± 0.33
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

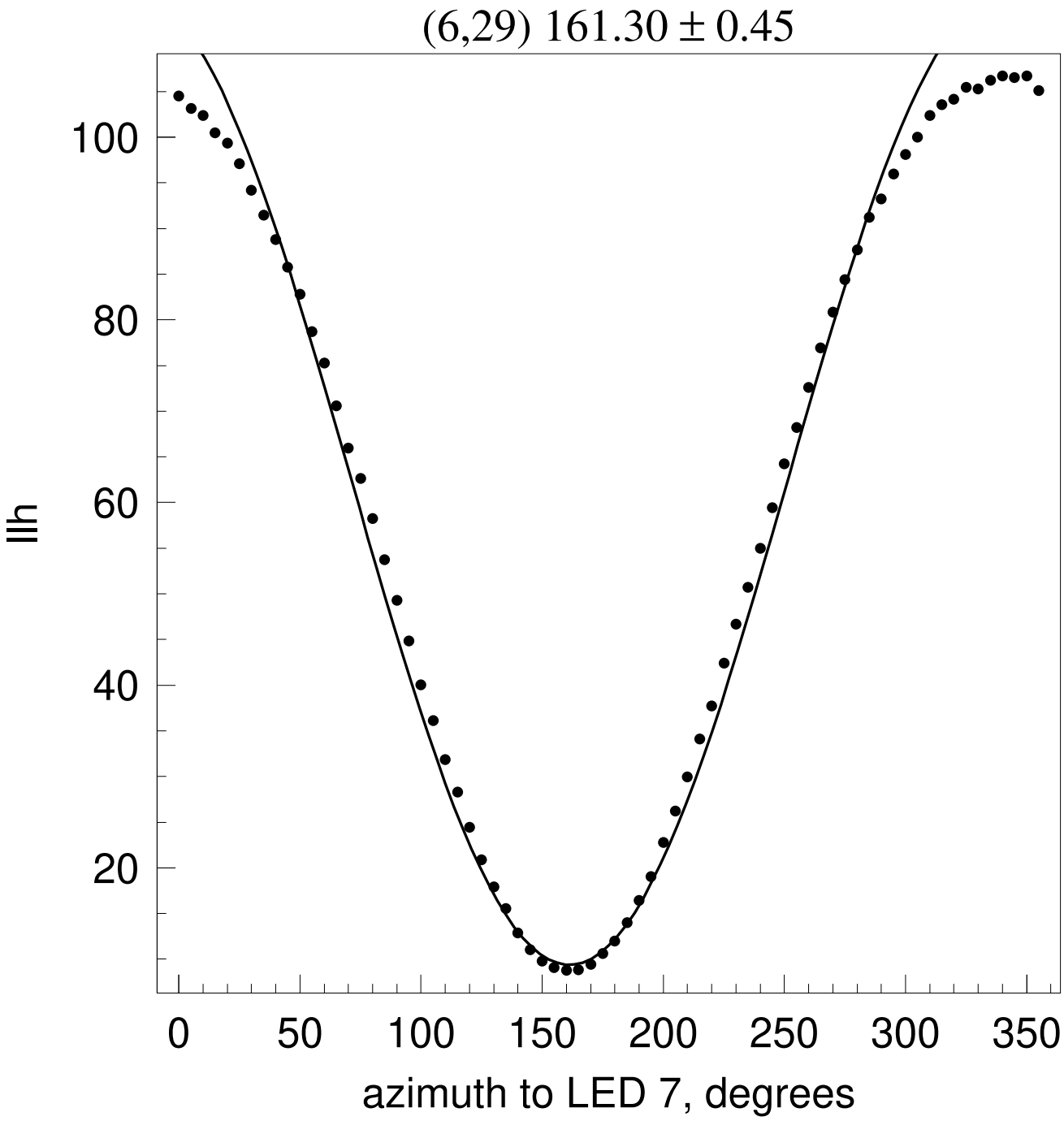

(6,24) 209.67 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

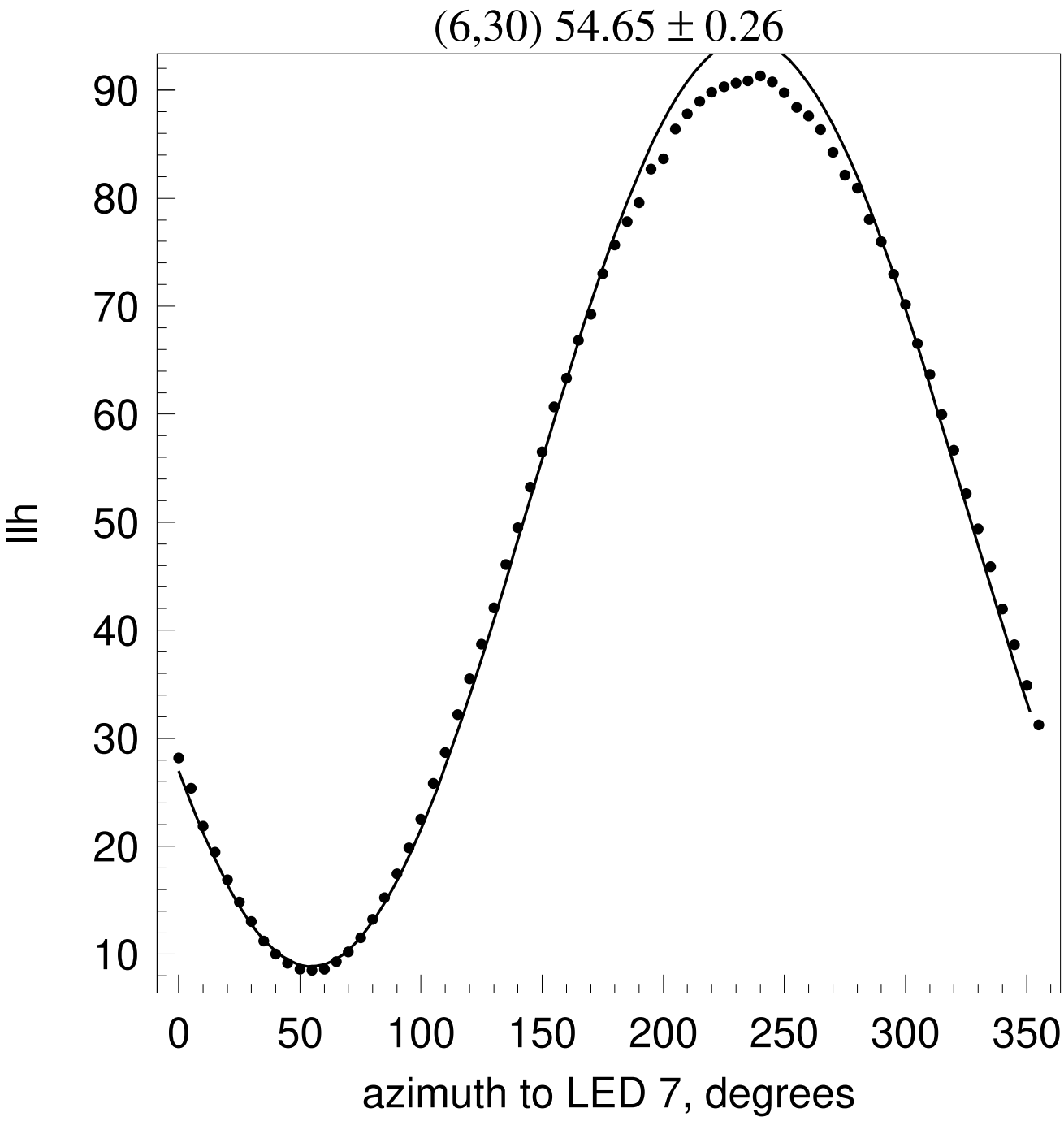

(6,25) 286.52 ± 0.10
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

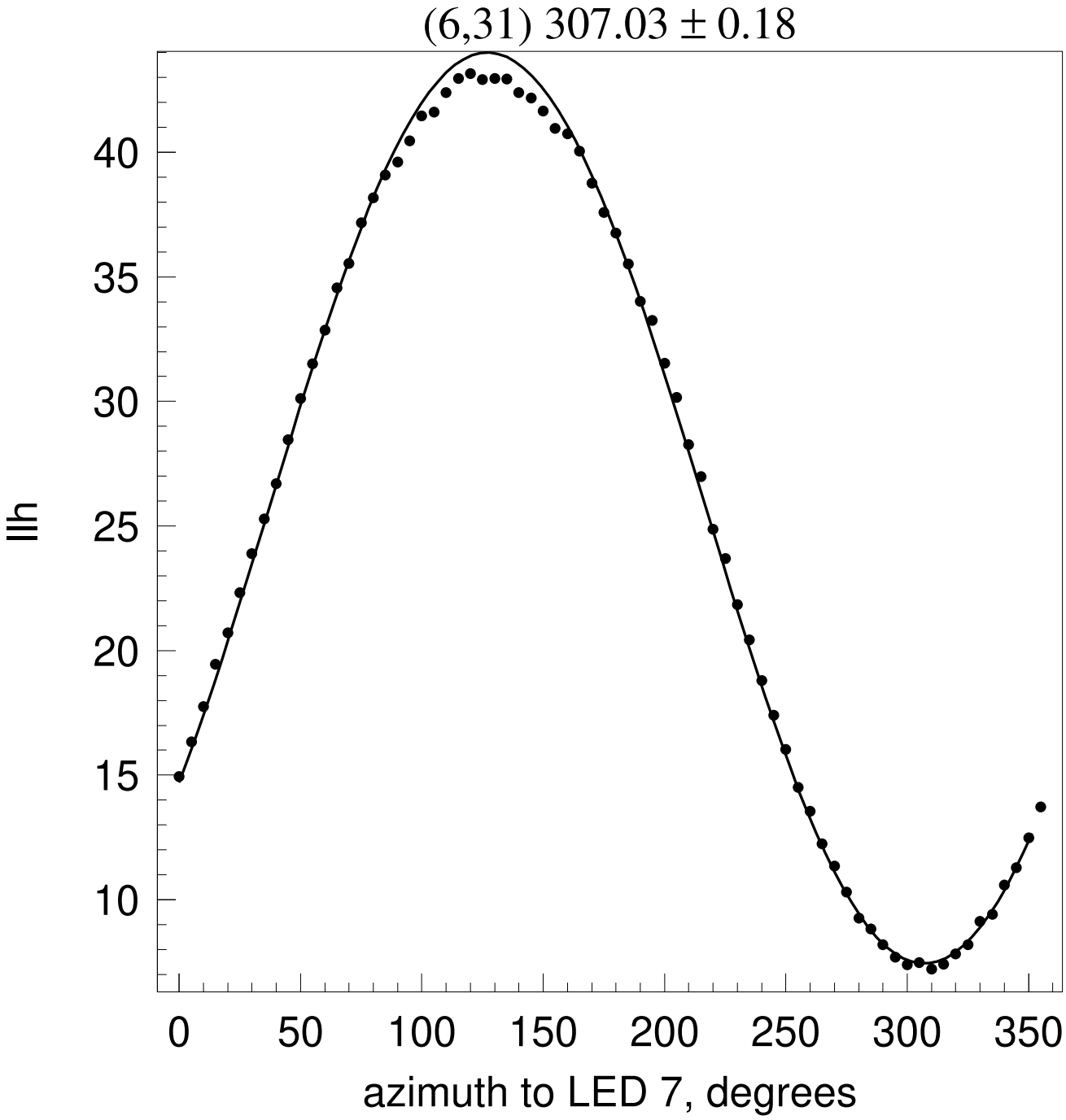

(6,26) 50.08 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

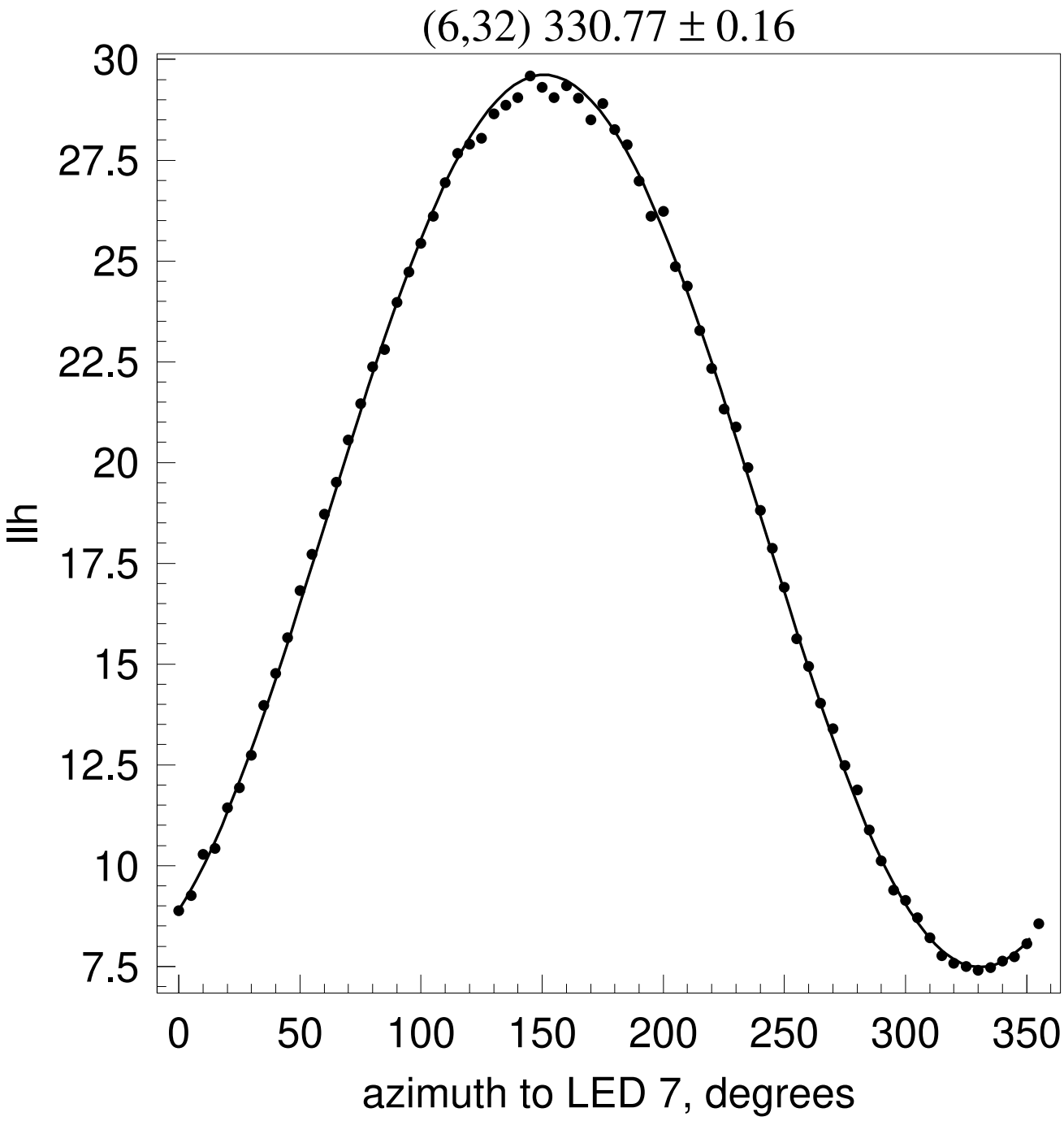

(6,27) 23.40 ± 0.18
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

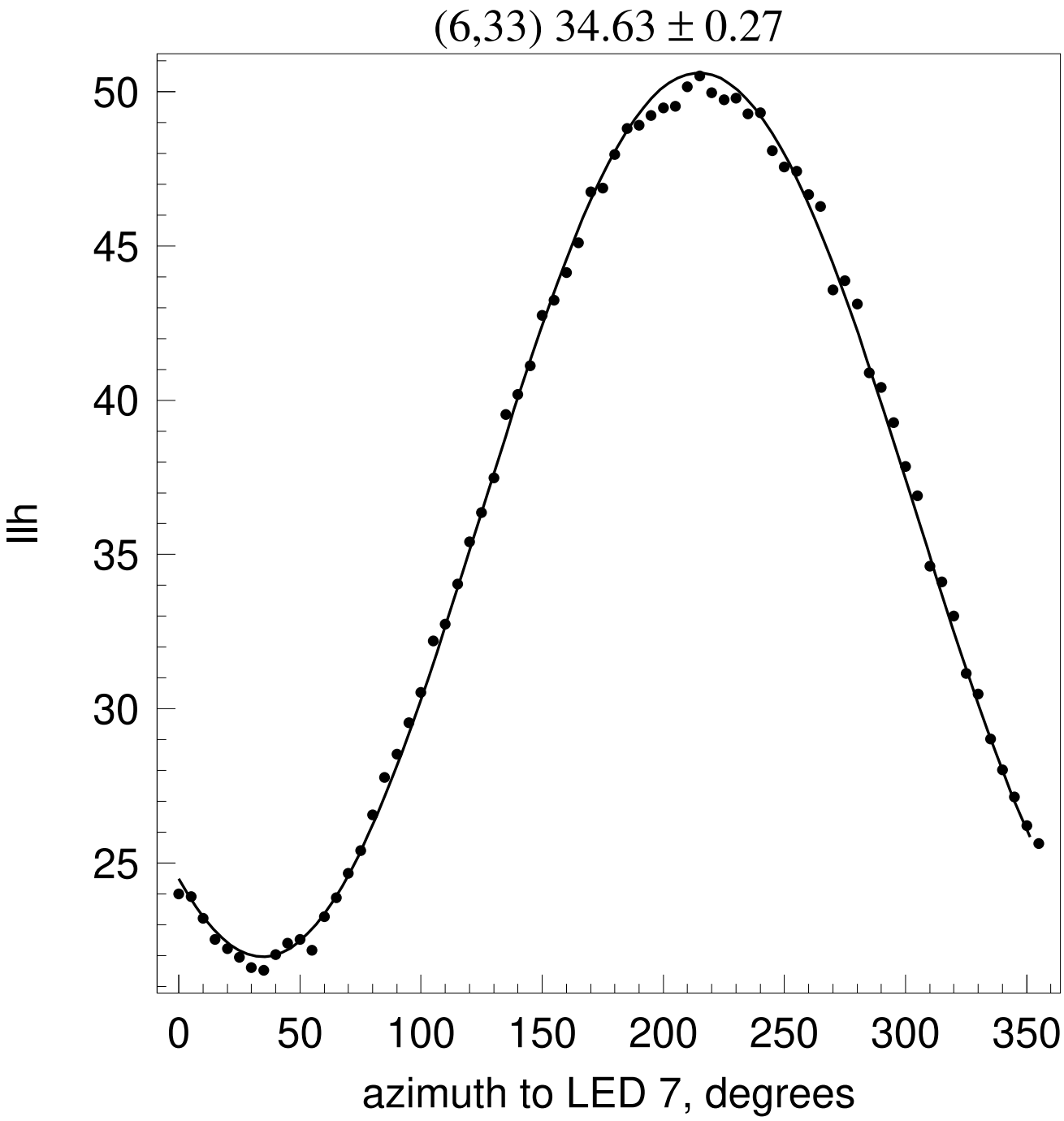

(6,28) 332.43 ± 0.32
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

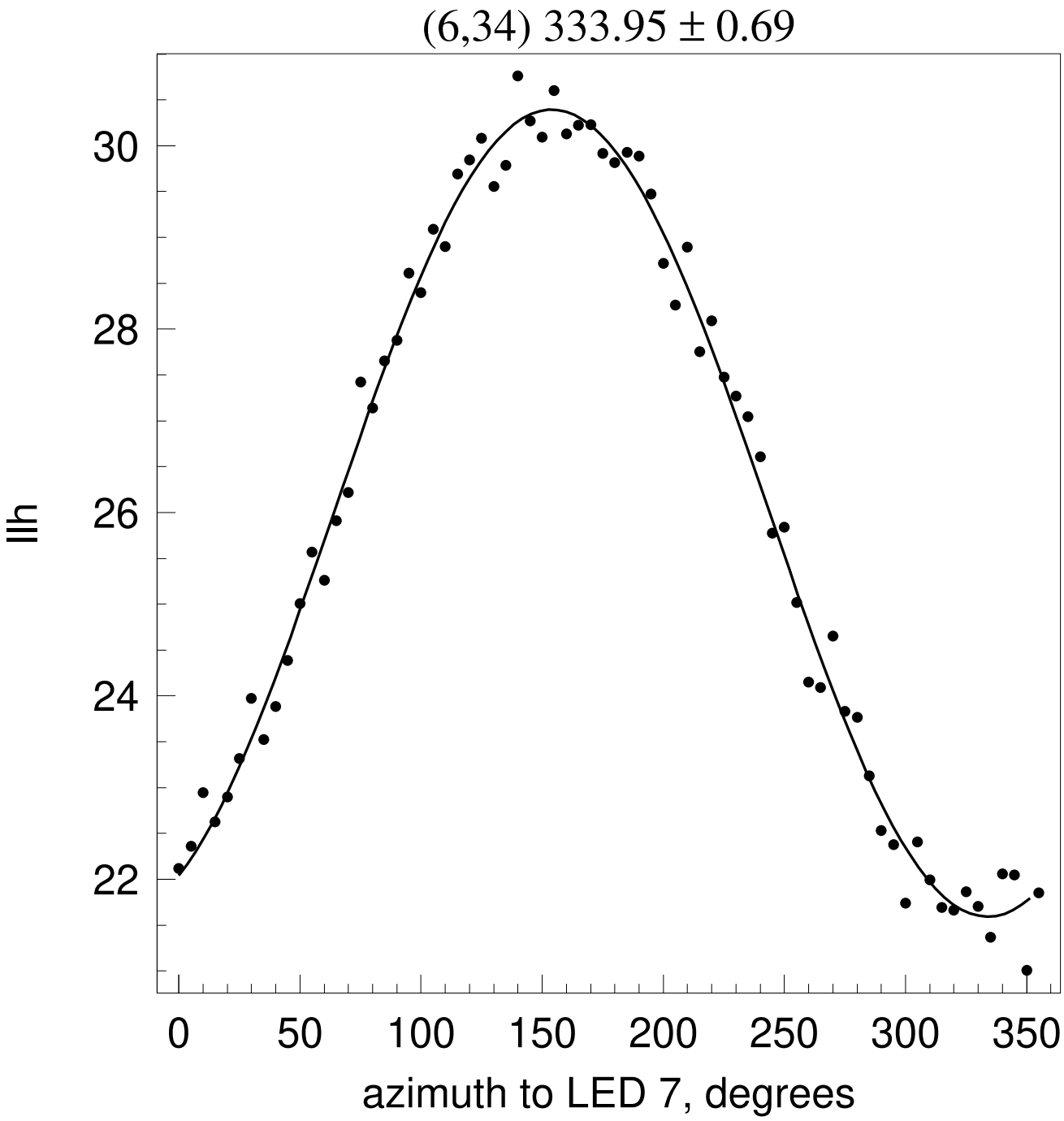

(6,29) 161.30 ± 0.45
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

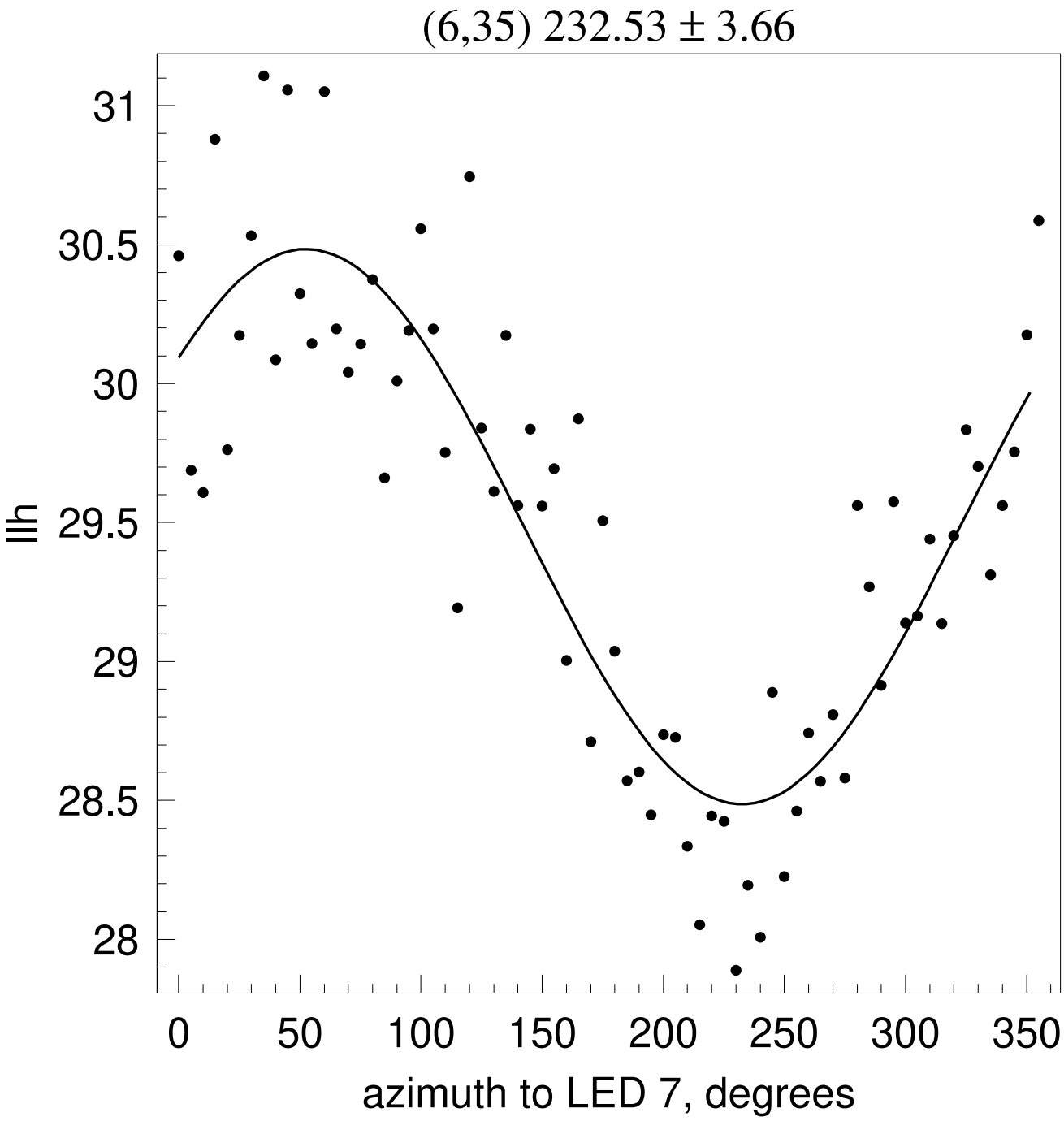

(6,30) 54.65 ± 0.26
90
80
70
60
50
40
30
20
10
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

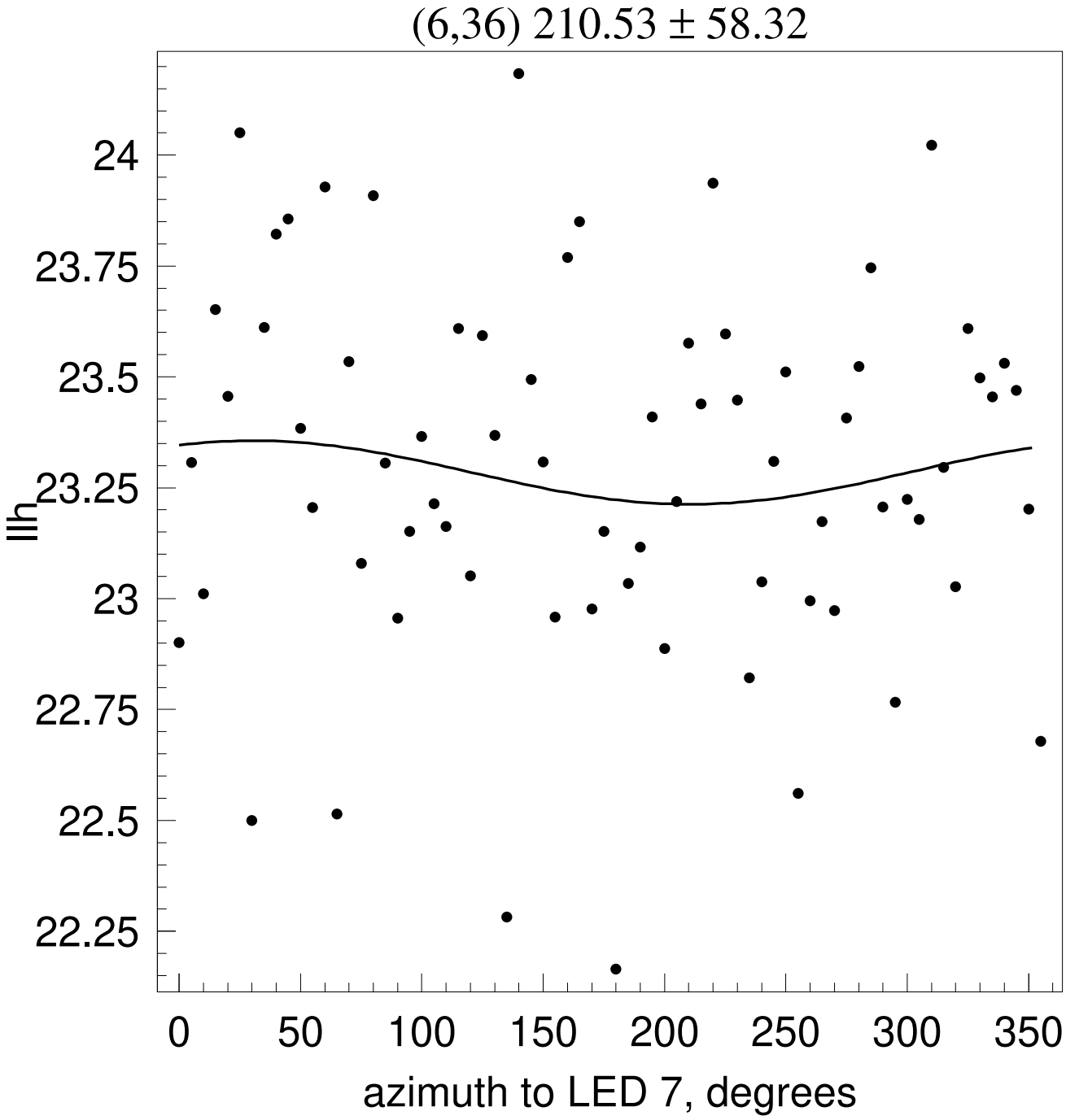

(6,31) 307.03 ± 0.18
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

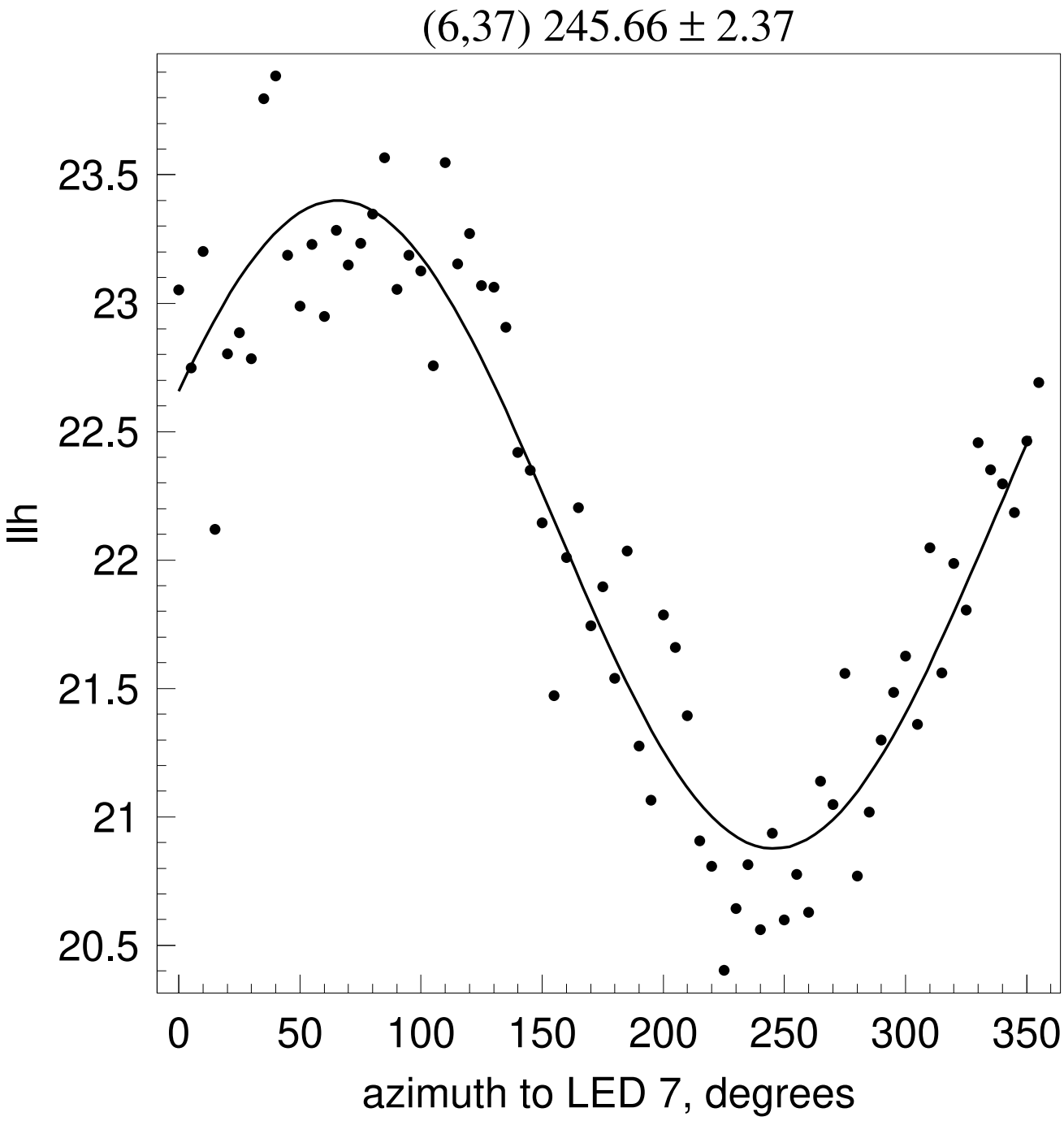

(6,32) 330.77 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

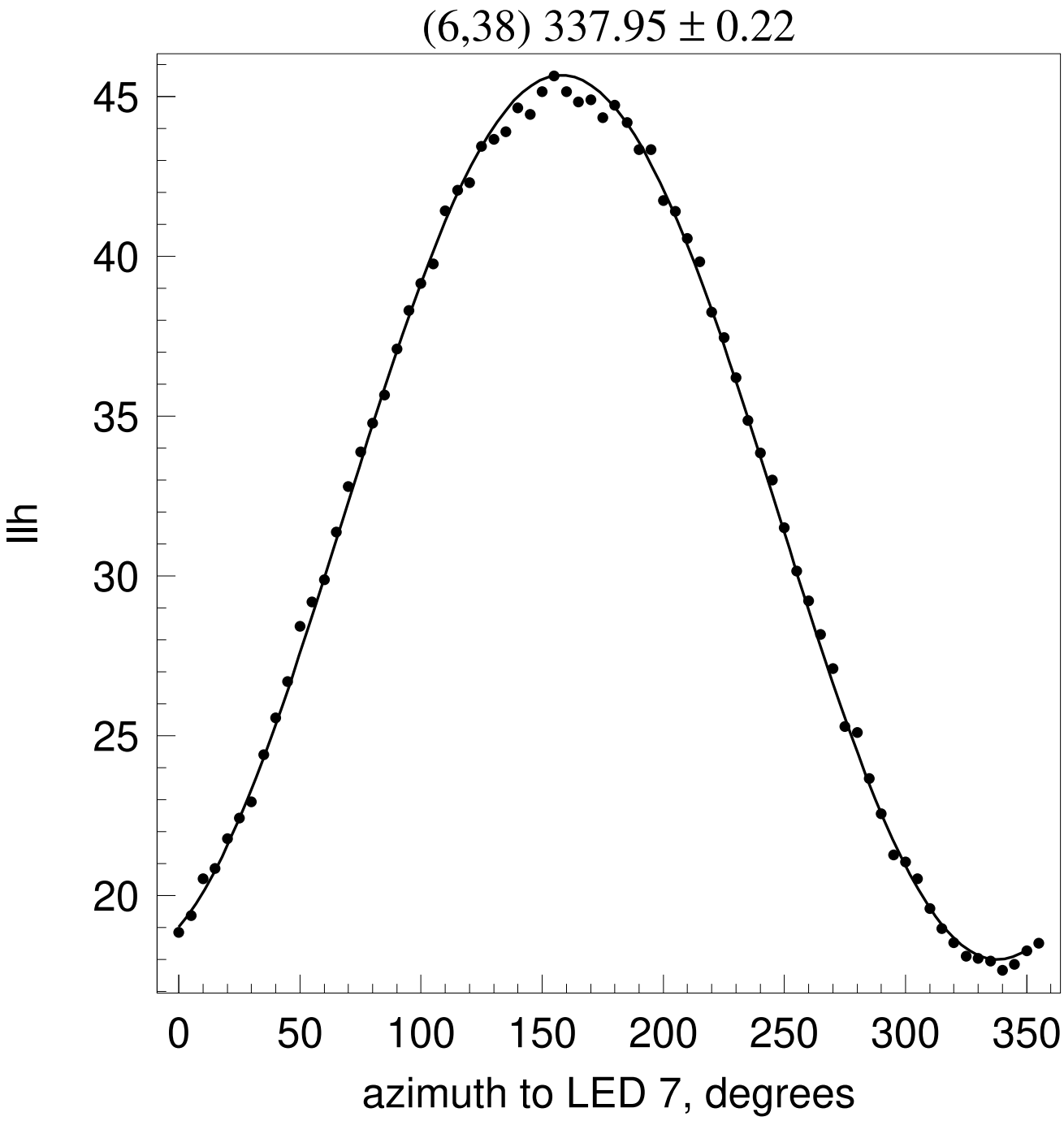

(6,33) 34.63 ± 0.27
50
45
40
35
30
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

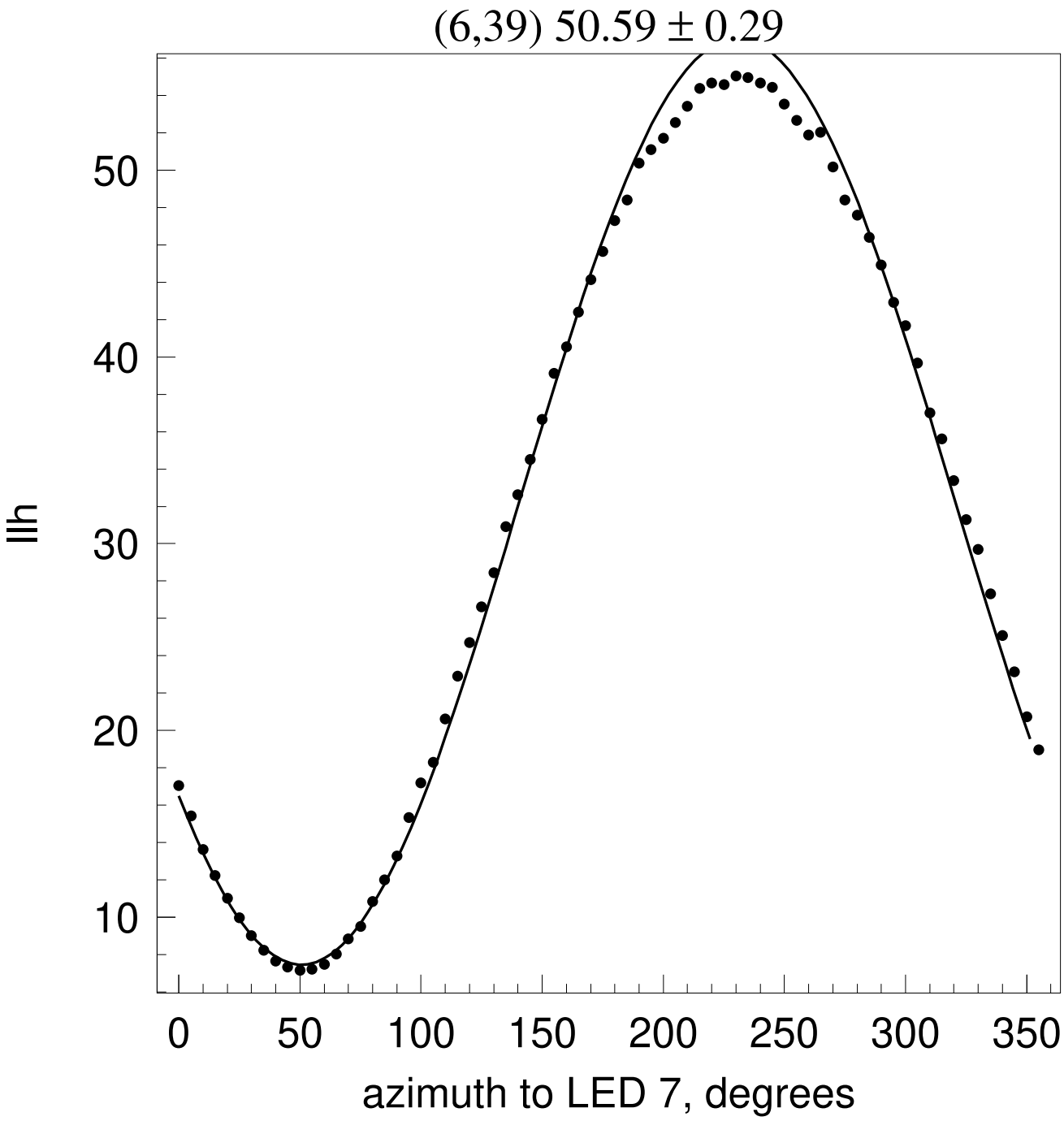

(6,34) 333.95 ± 0.69
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

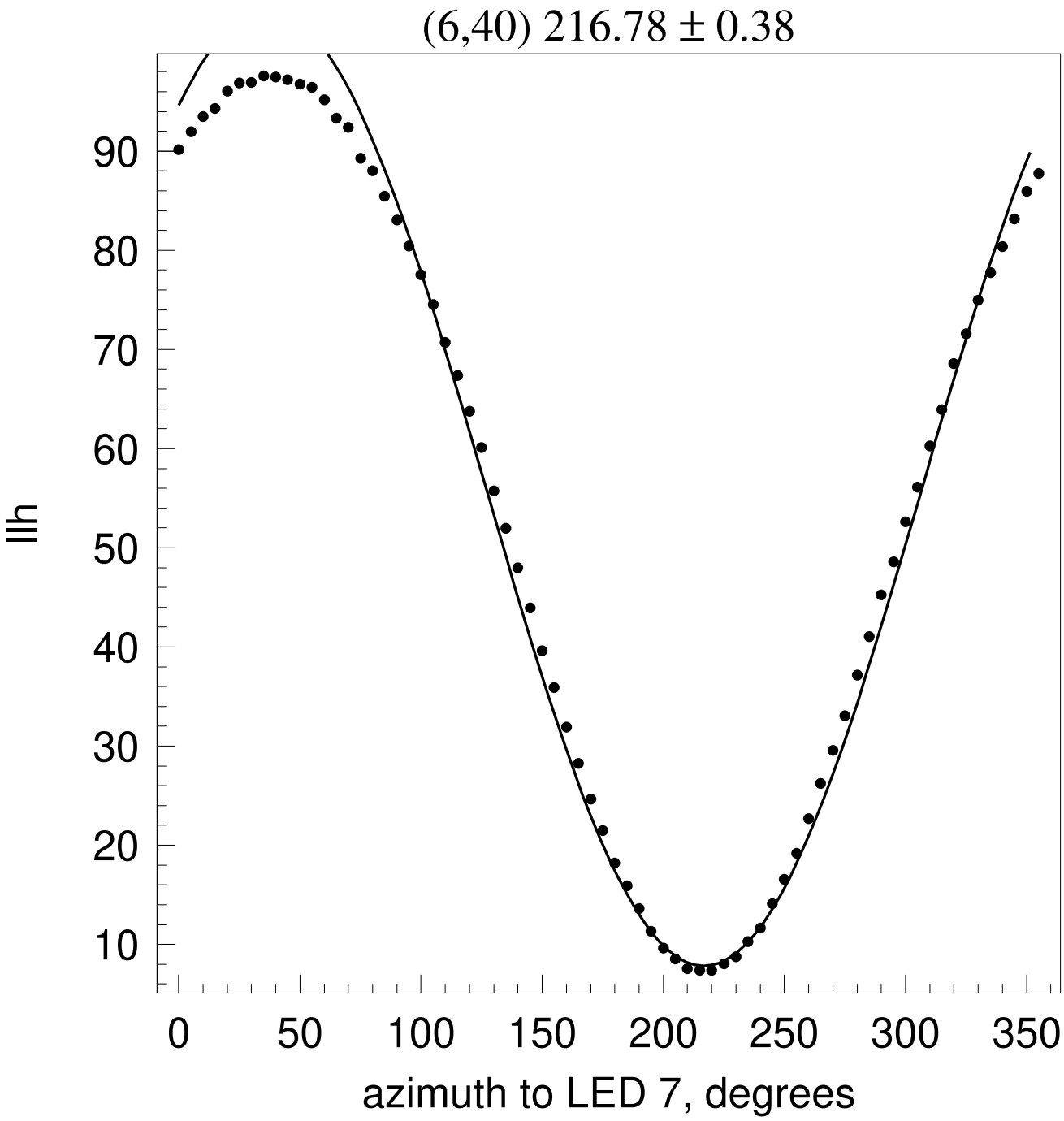

(6,35) 232.53 ± 3.66
31
30.5
30
29.5
29
28.5
28
μ
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

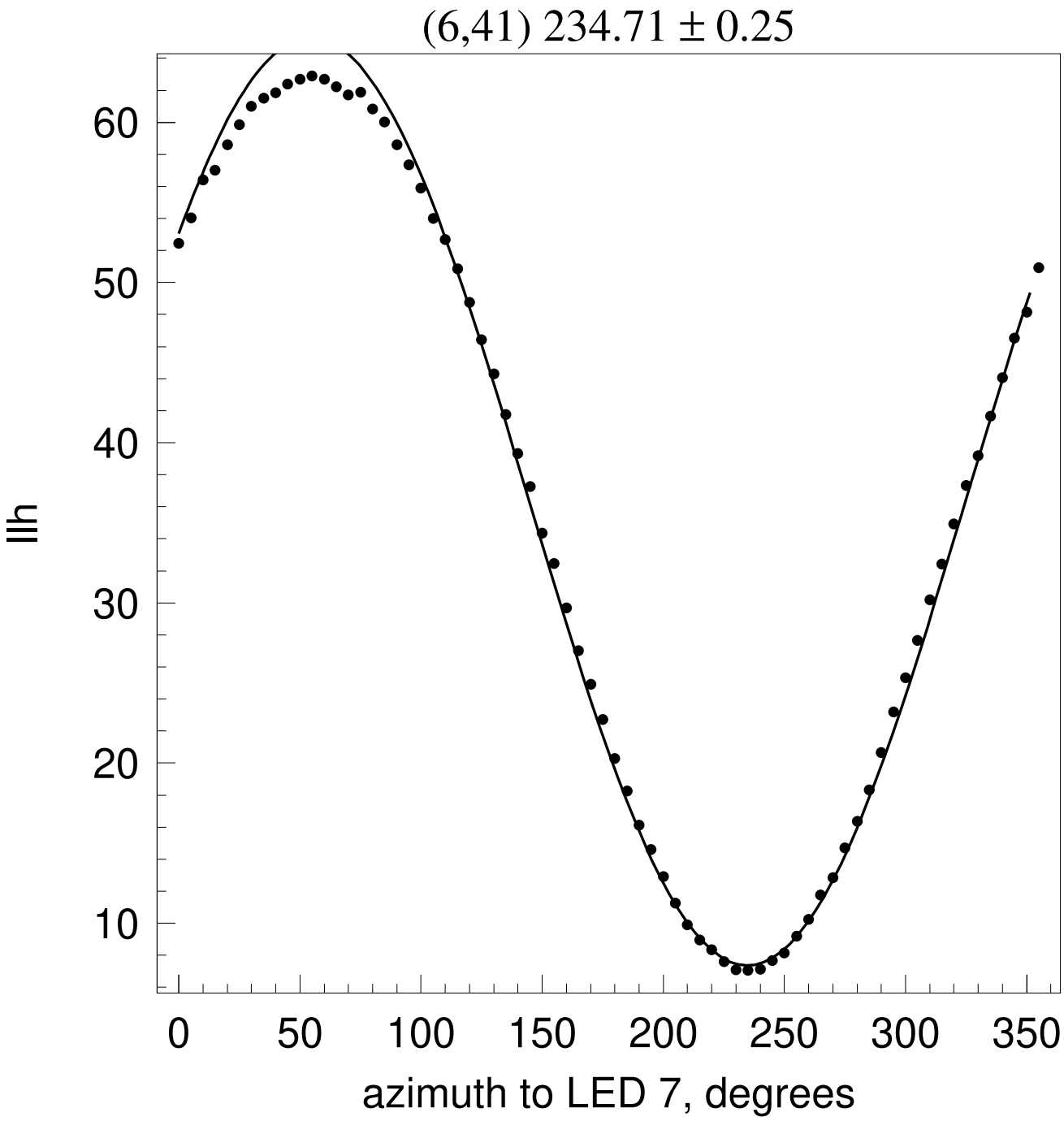

(6,36) 210.53 ± 58.32
24
23.75
23.5
23.25
23
22.75
22.5
22.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

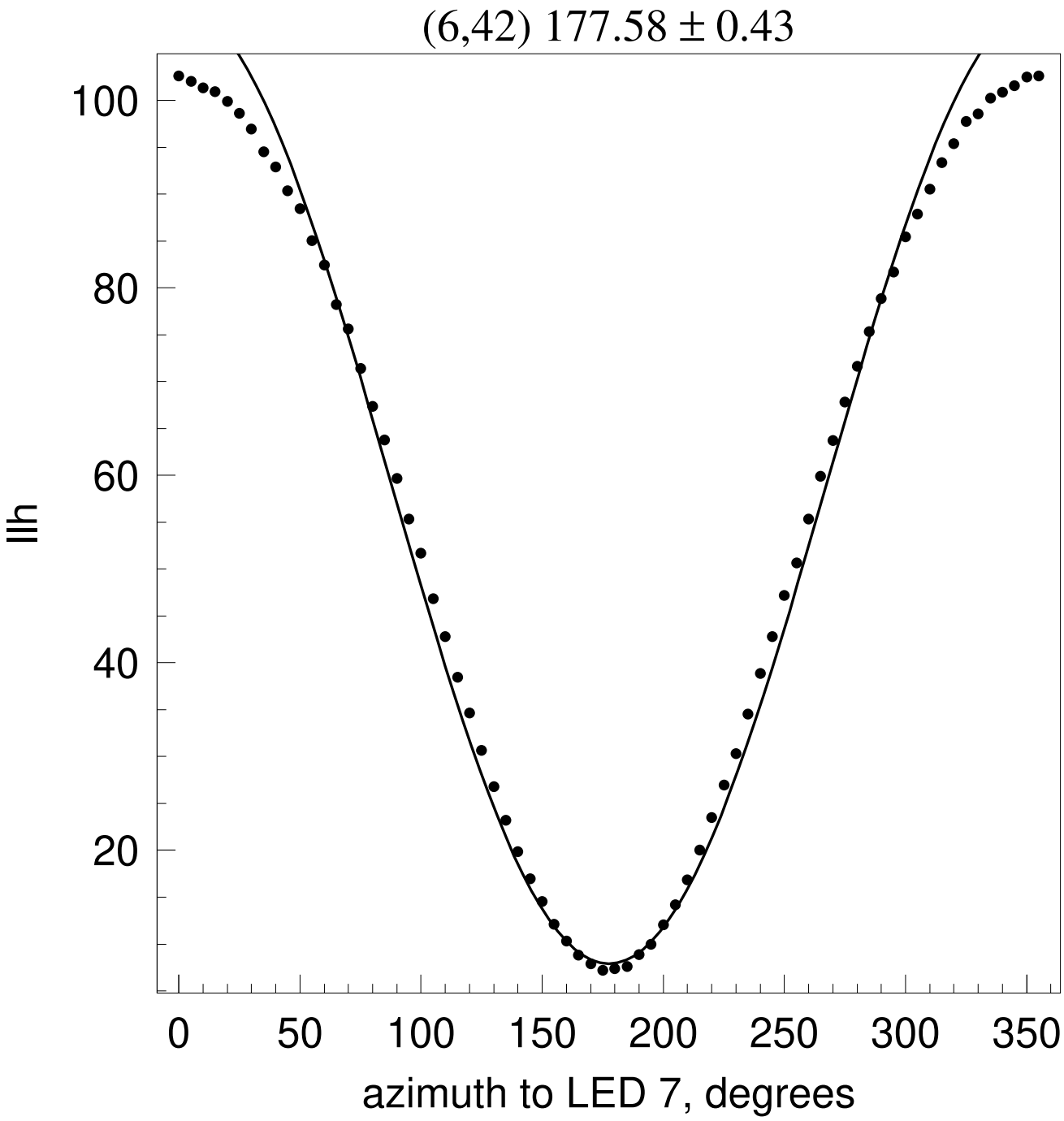

(6,37) 245.66 ± 2.37
23.5
23
22.5
22
21.5
21
20.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

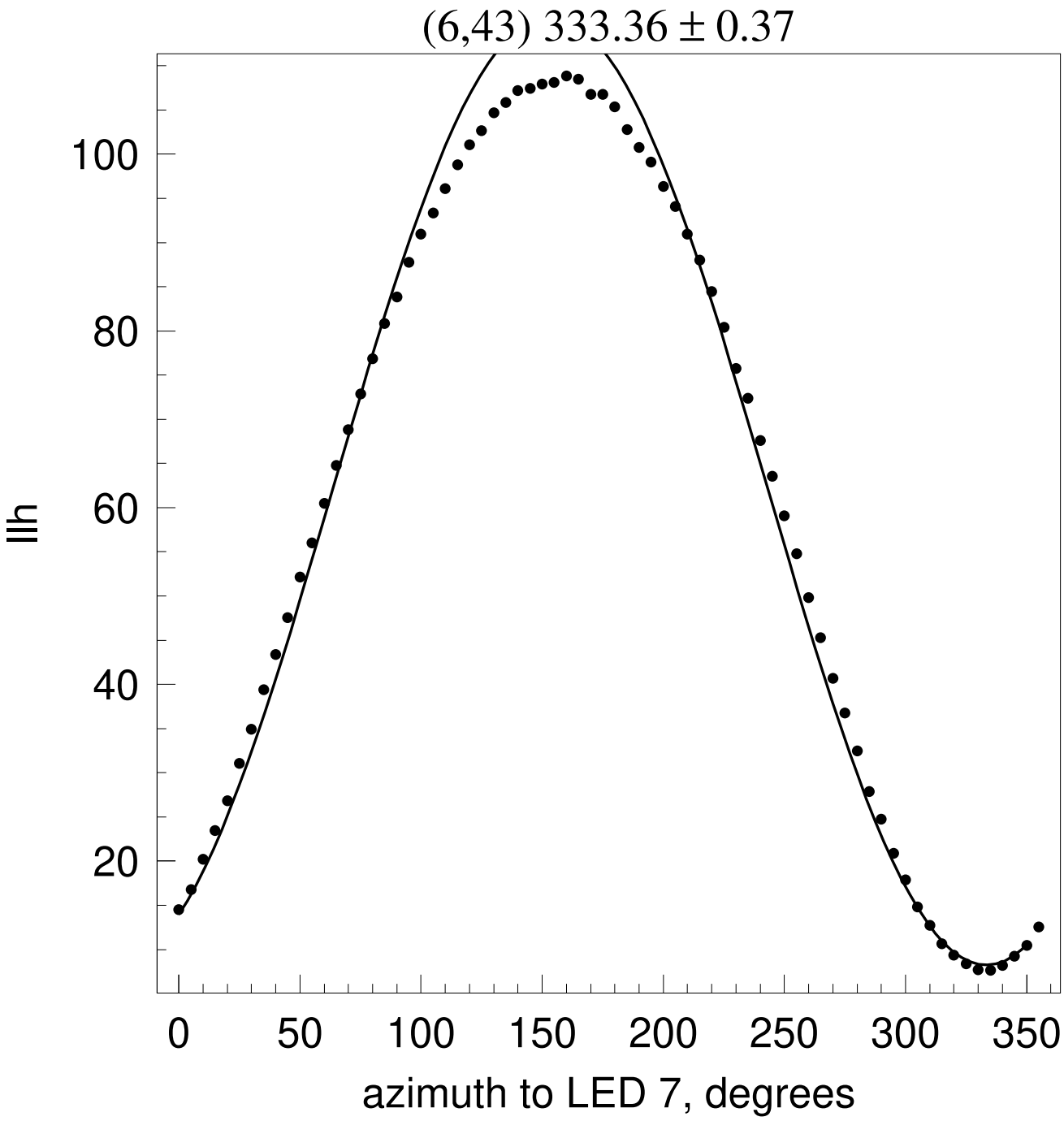

(6,38) 337.95 ± 0.22
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

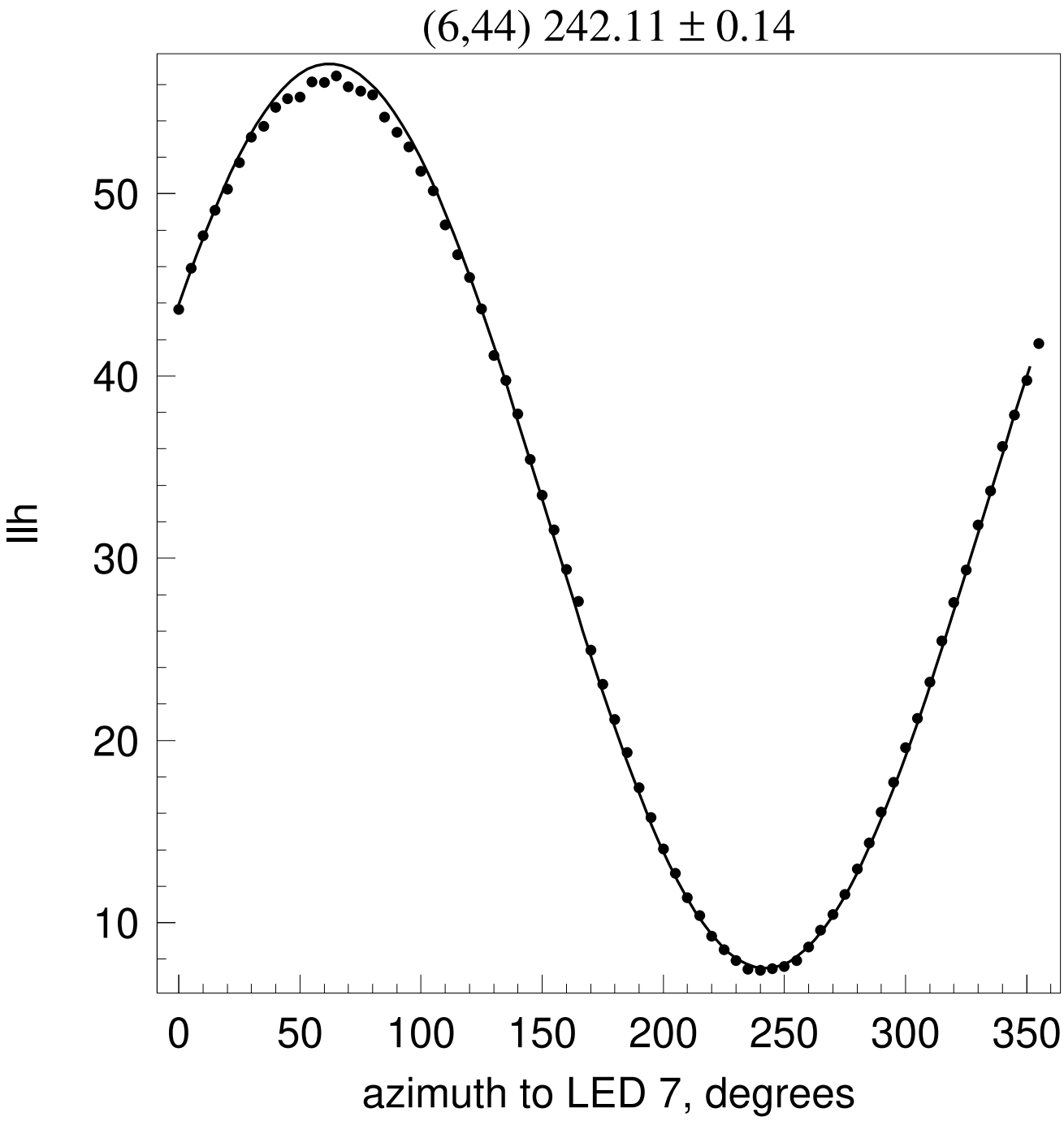

(6,39) 50.59 ± 0.29
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

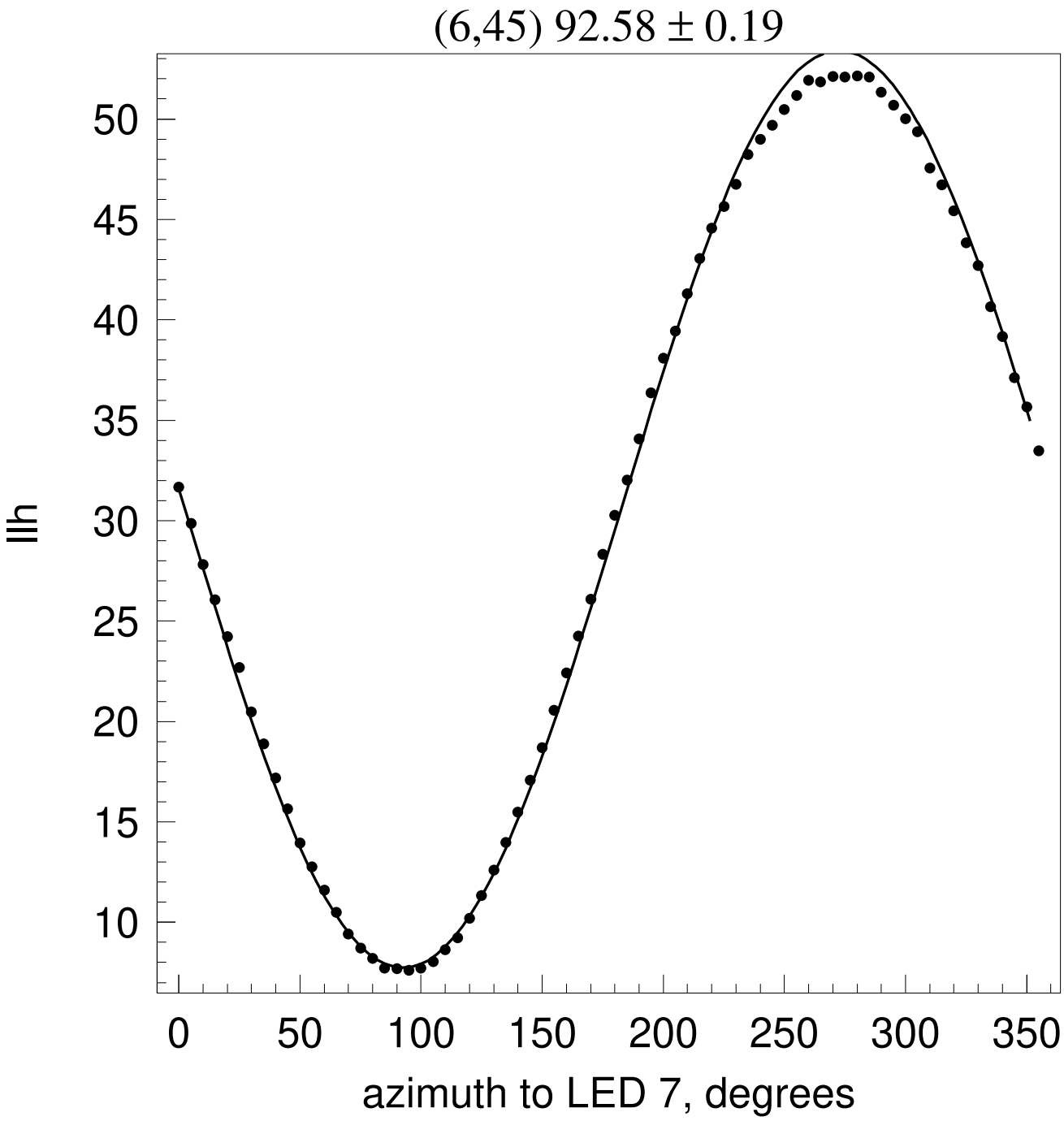

(6,40) 216.78 ± 0.38
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

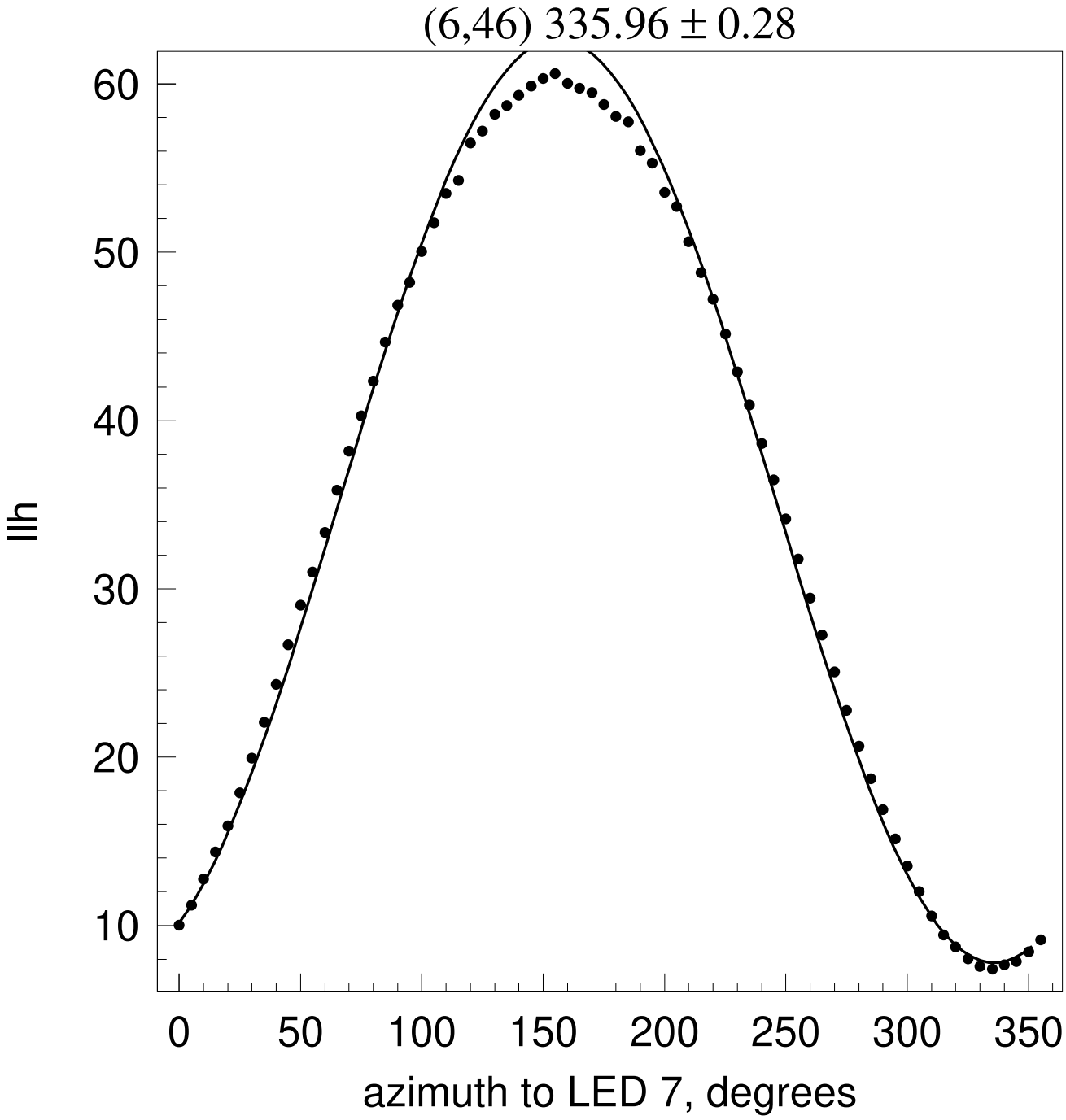

(6,41) 234.71 ± 0.25
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

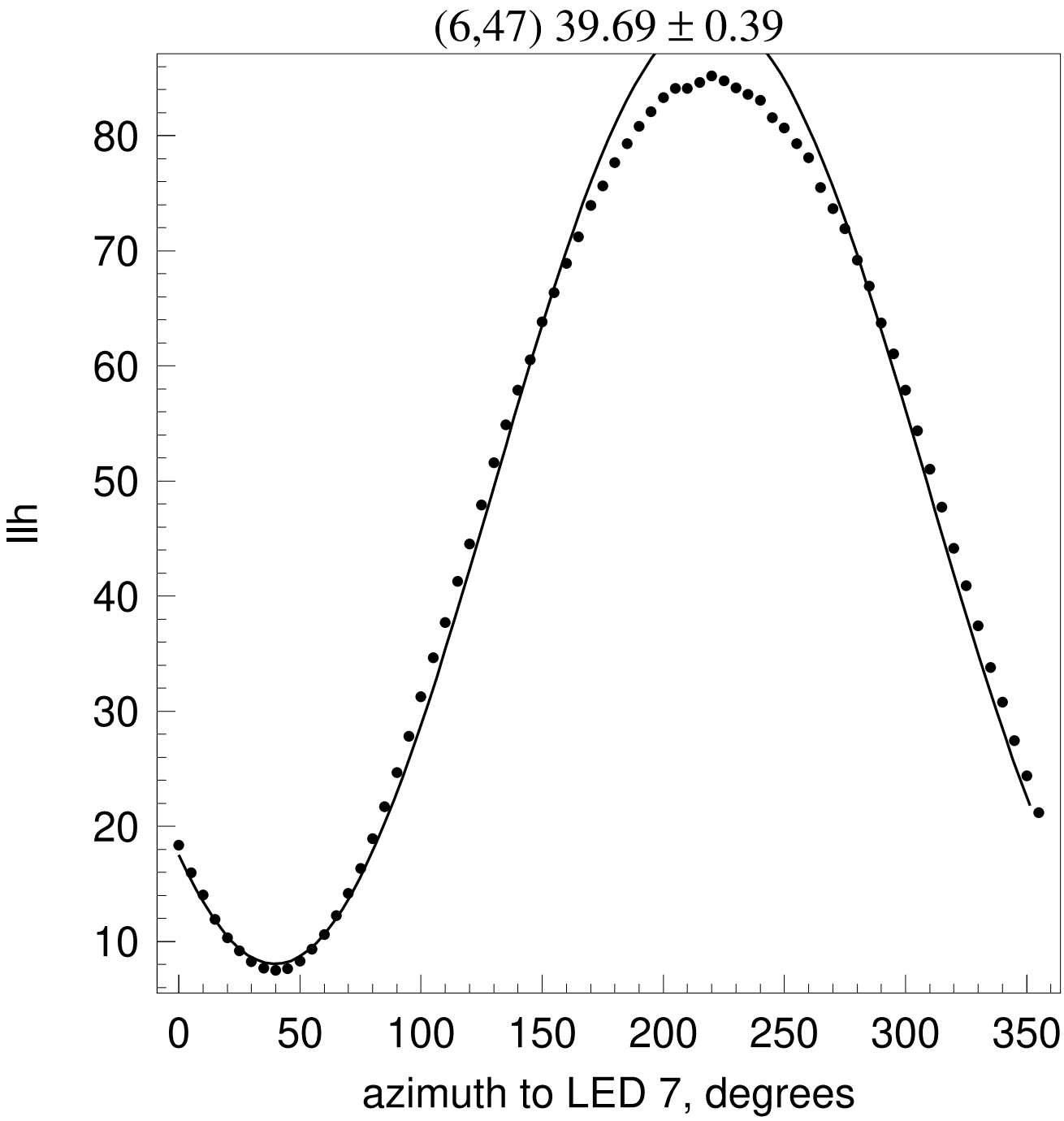

(6,42) 177.58 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

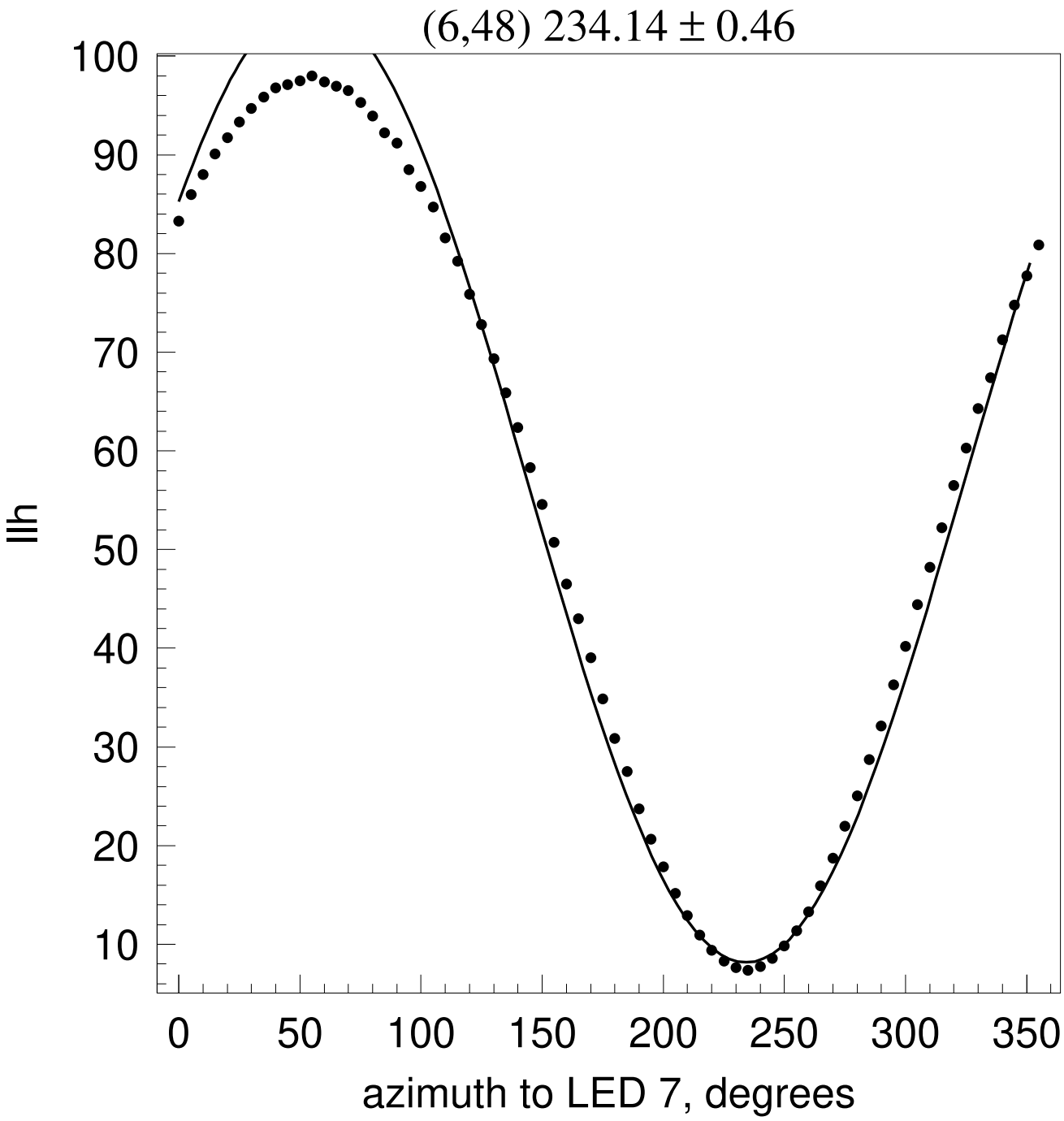

(6,43) 333.36 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

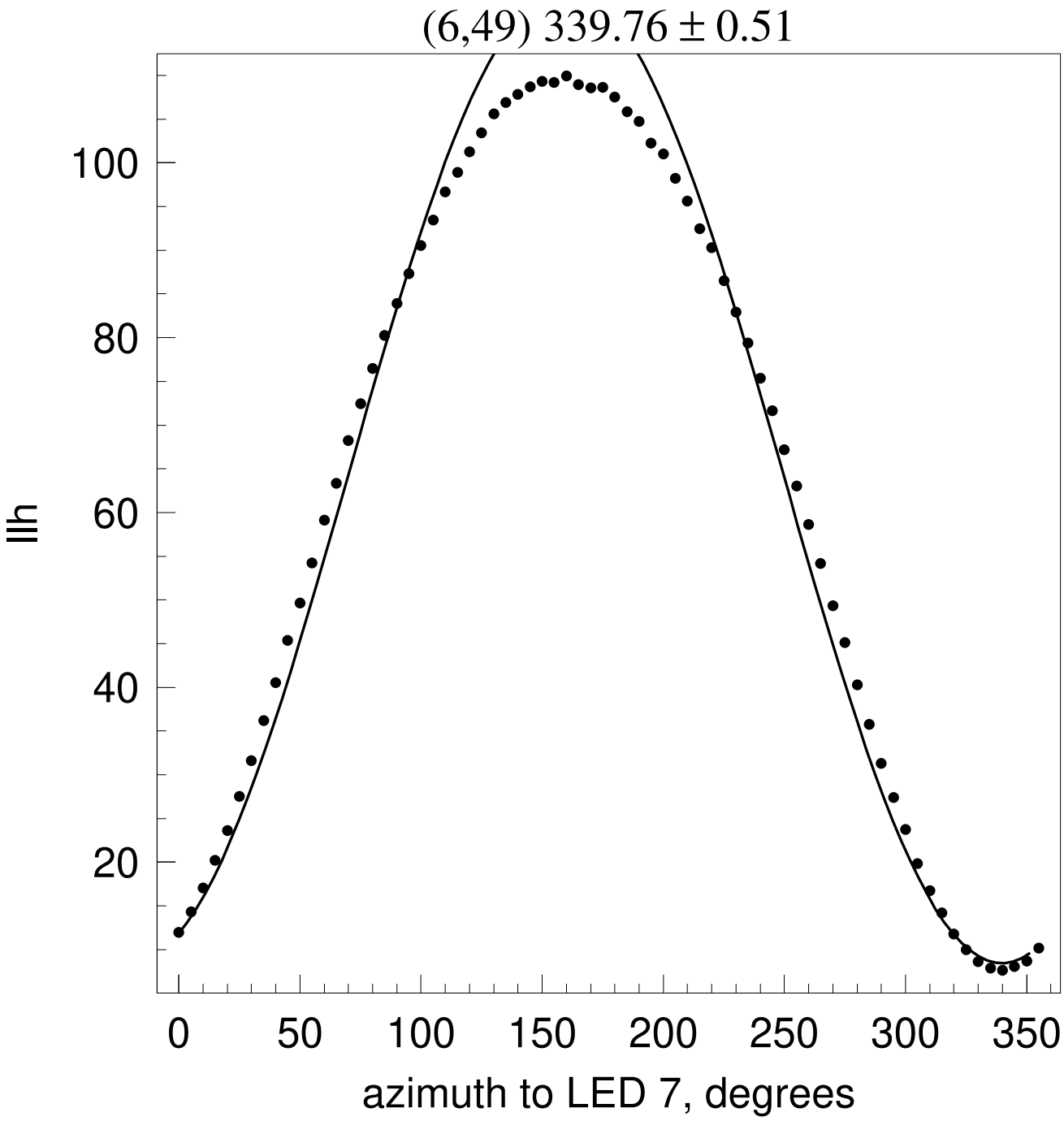

(6,44) 242.11 ± 0.14
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

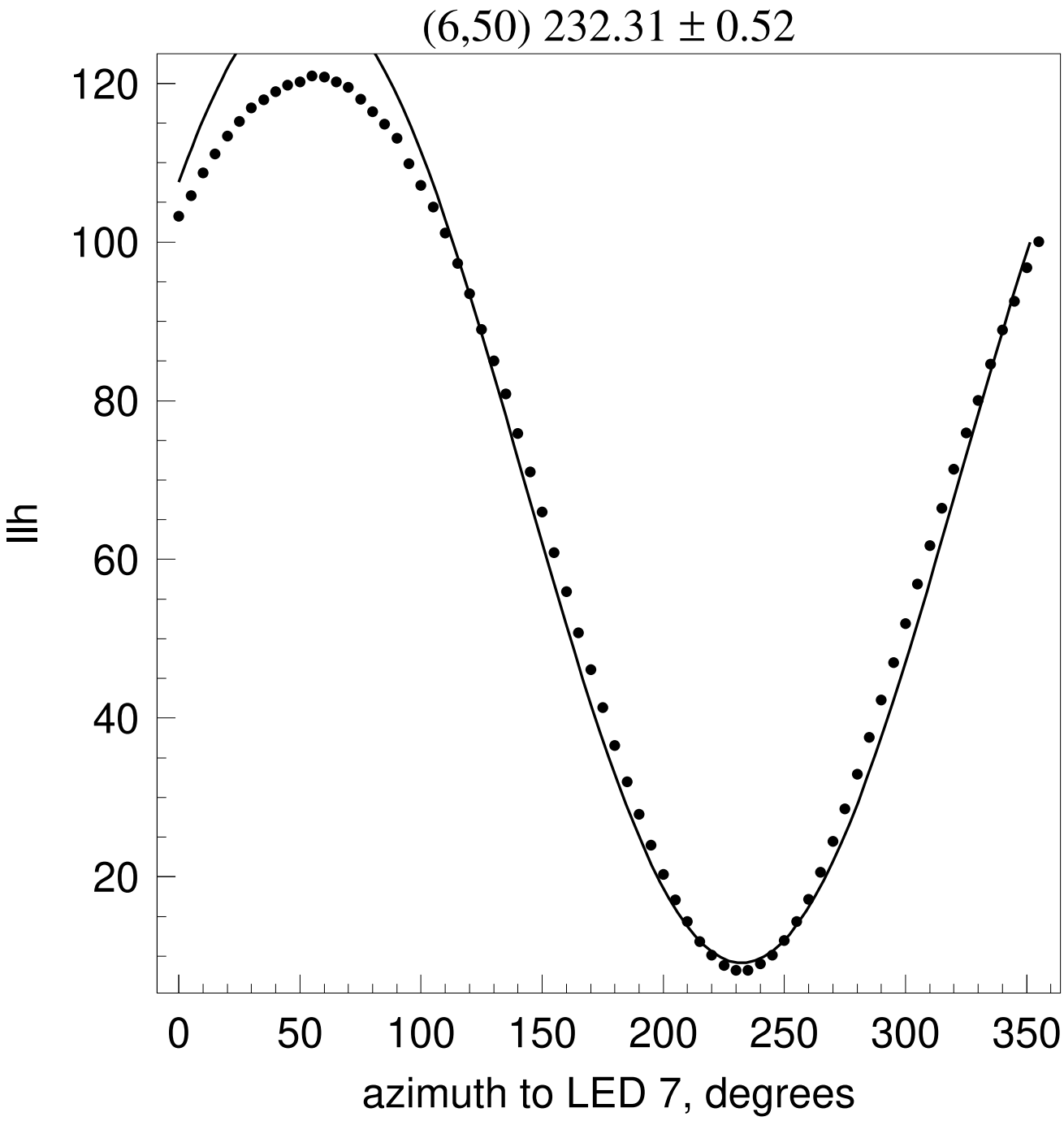

(6,45) 92.58 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

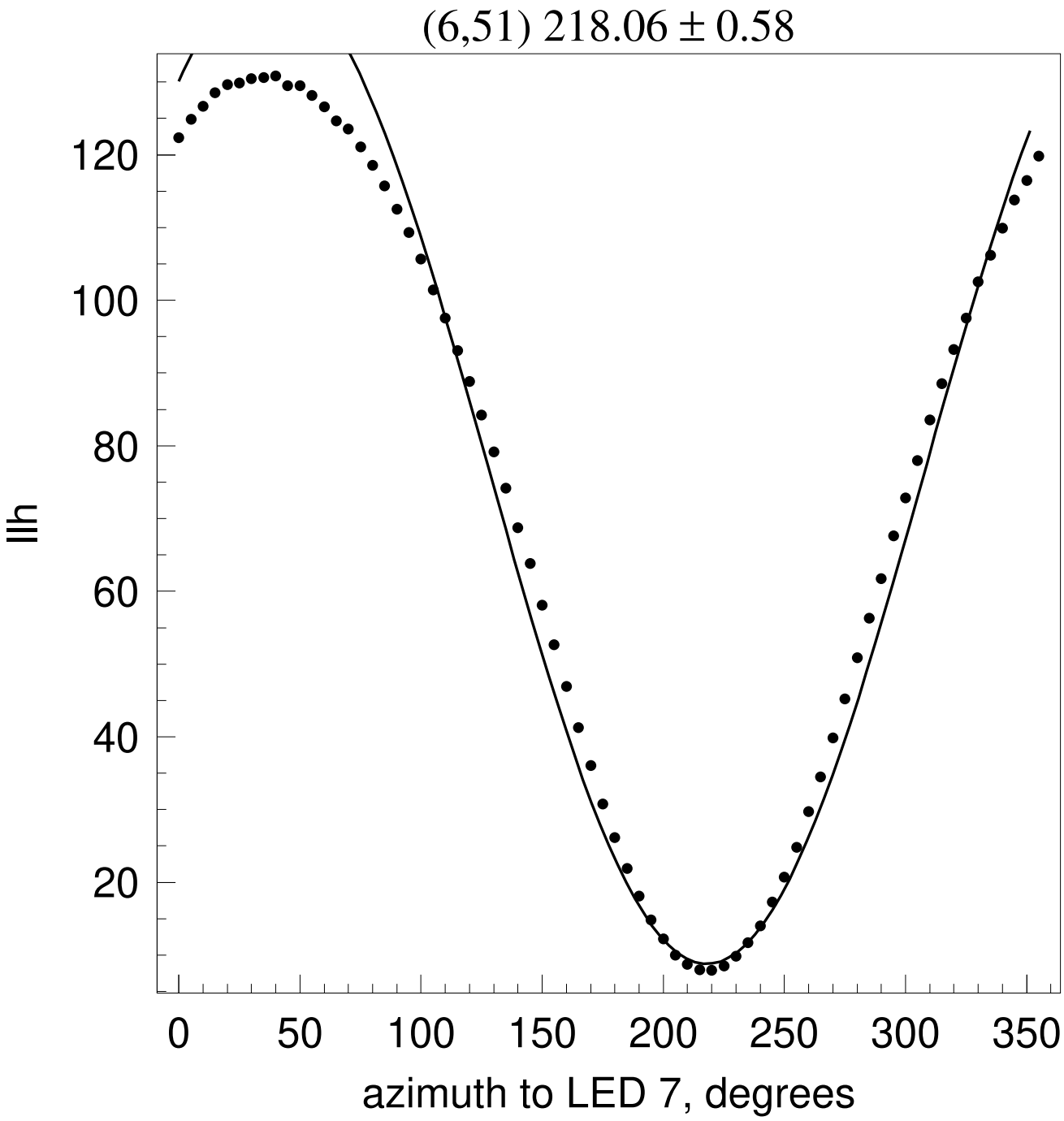

(6,46) 335.96 ± 0.28
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

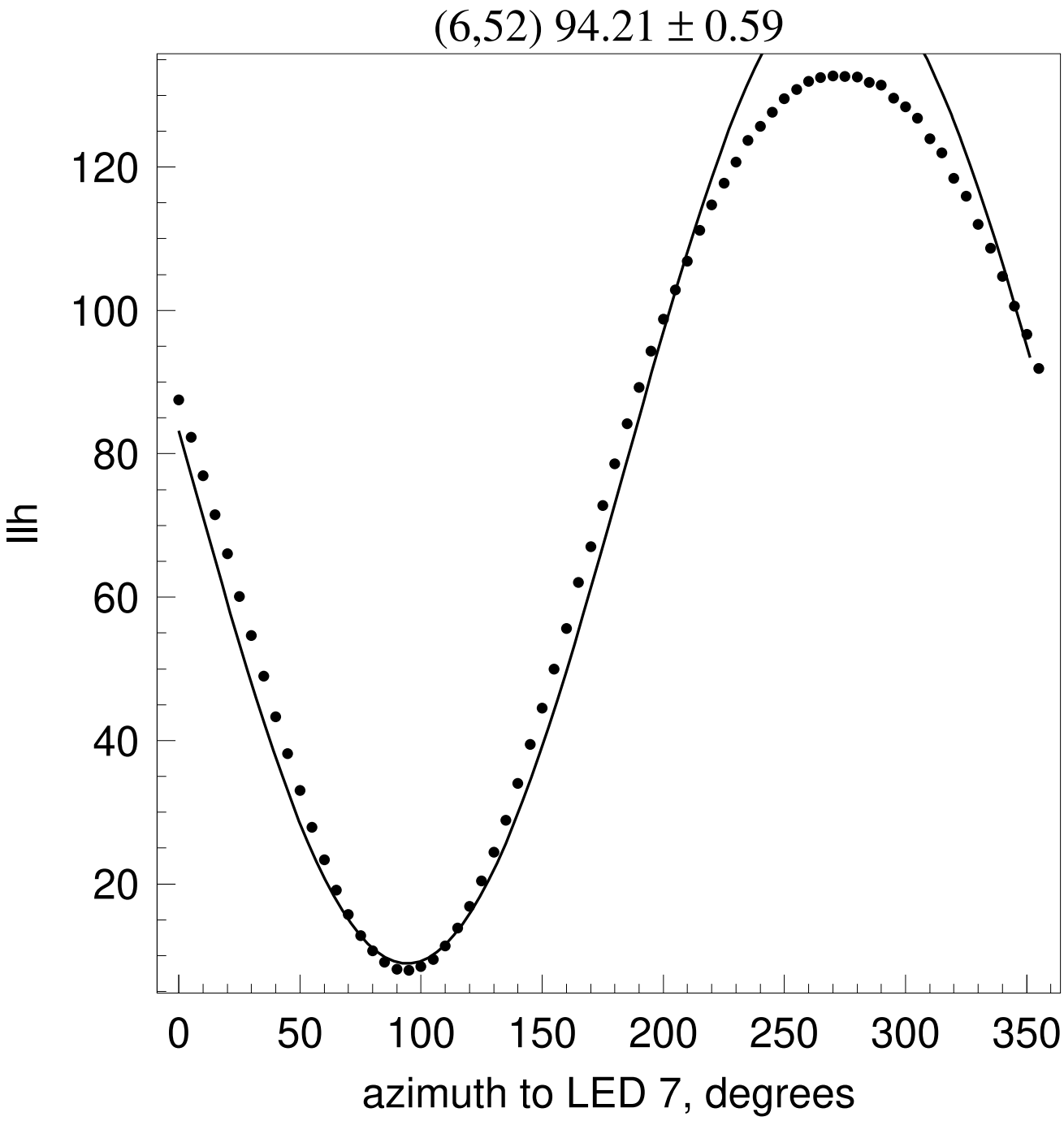

(6,47) 39.69 ± 0.39
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

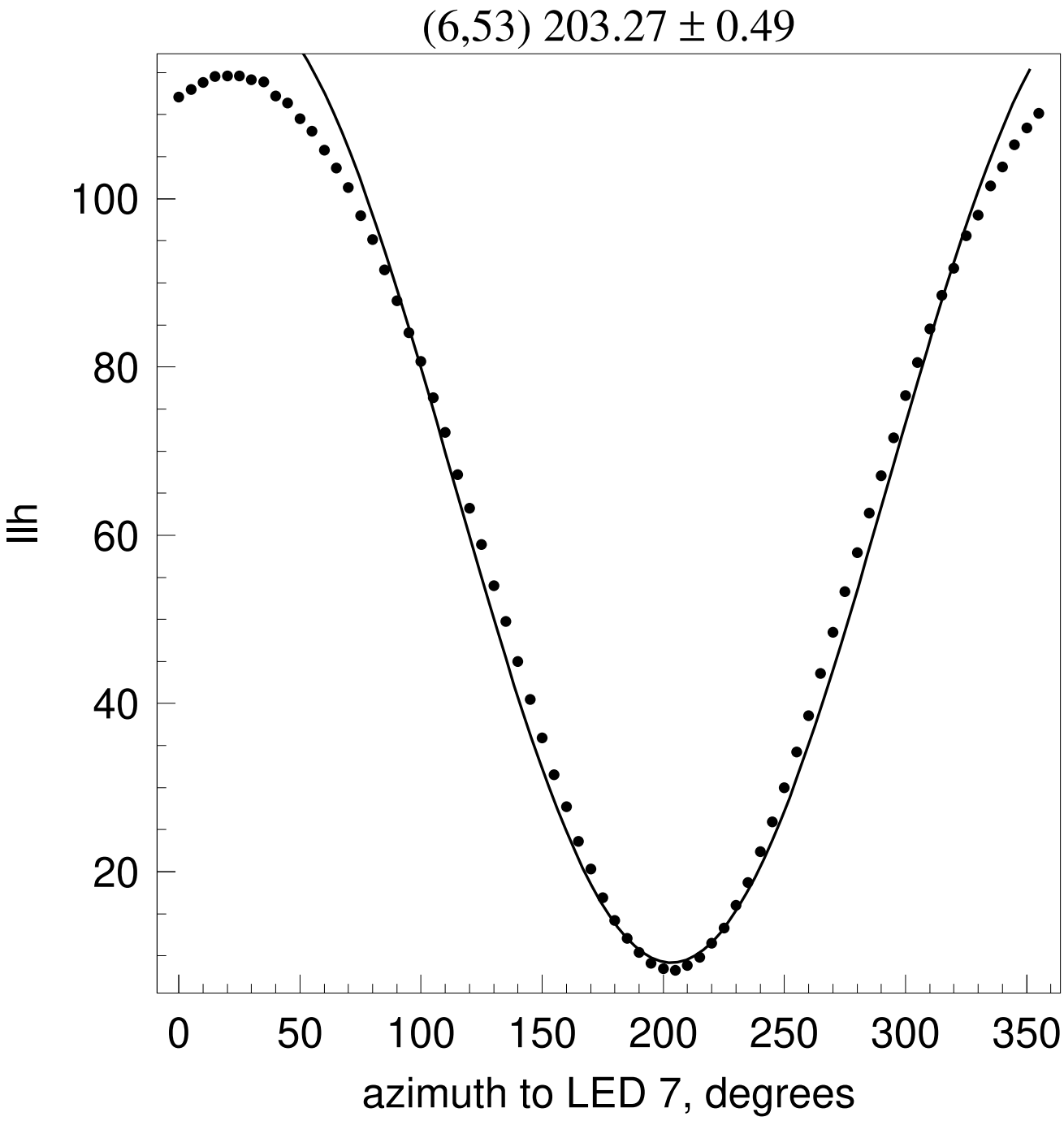

(6,48) 234.14 ± 0.46
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

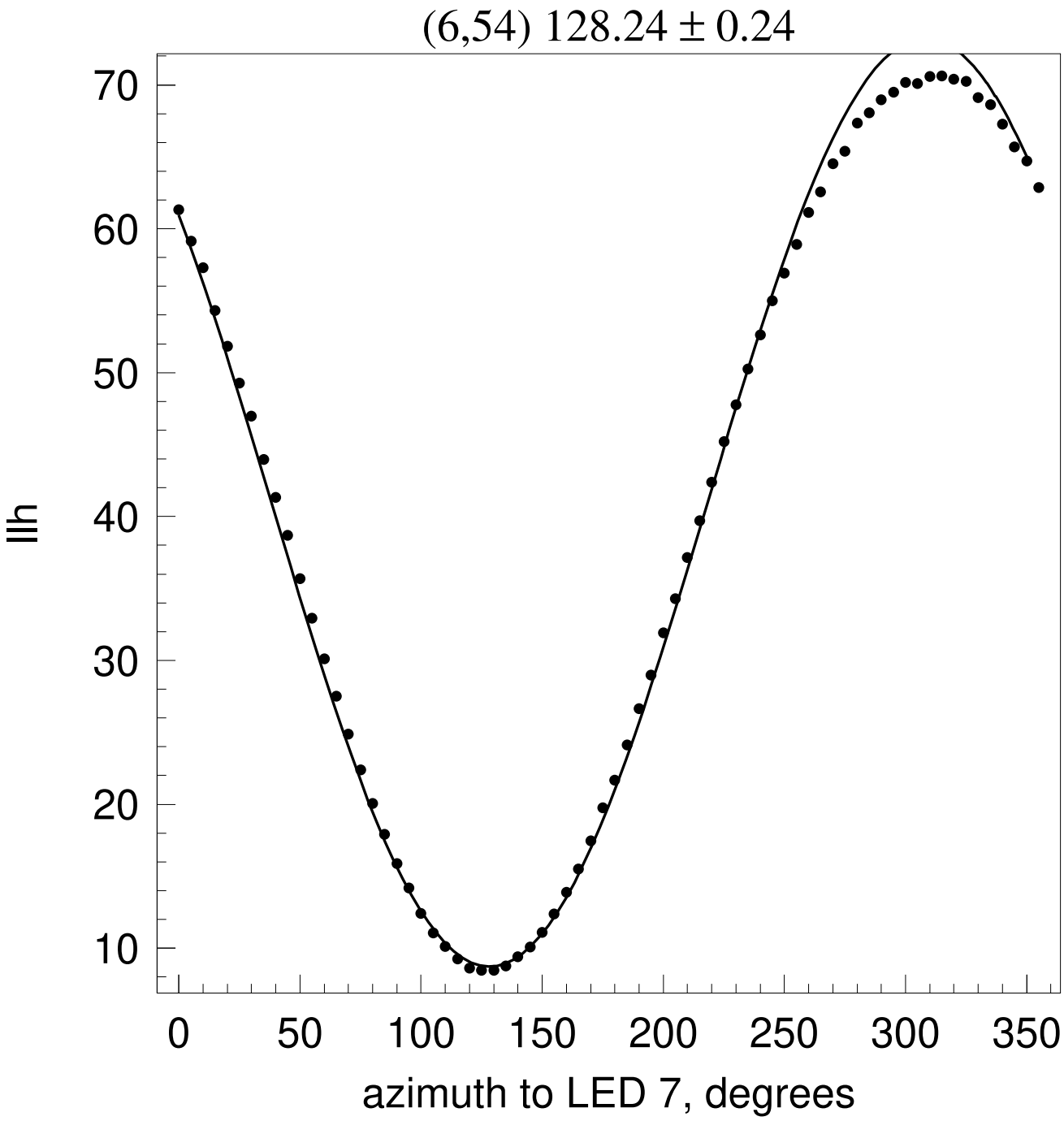

(6,49) 339.76 ± 0.51
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

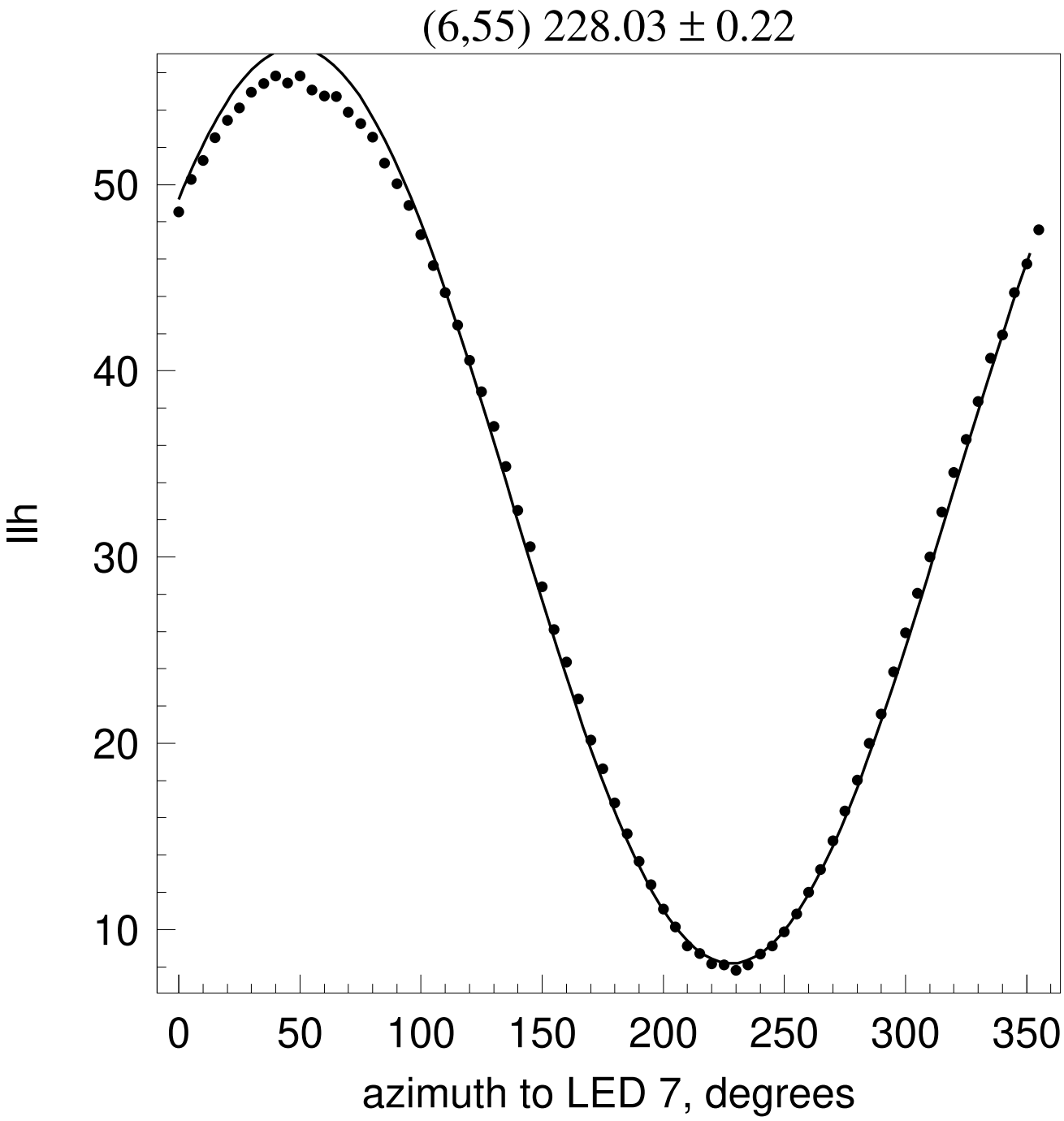

(6,50) 232.31 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

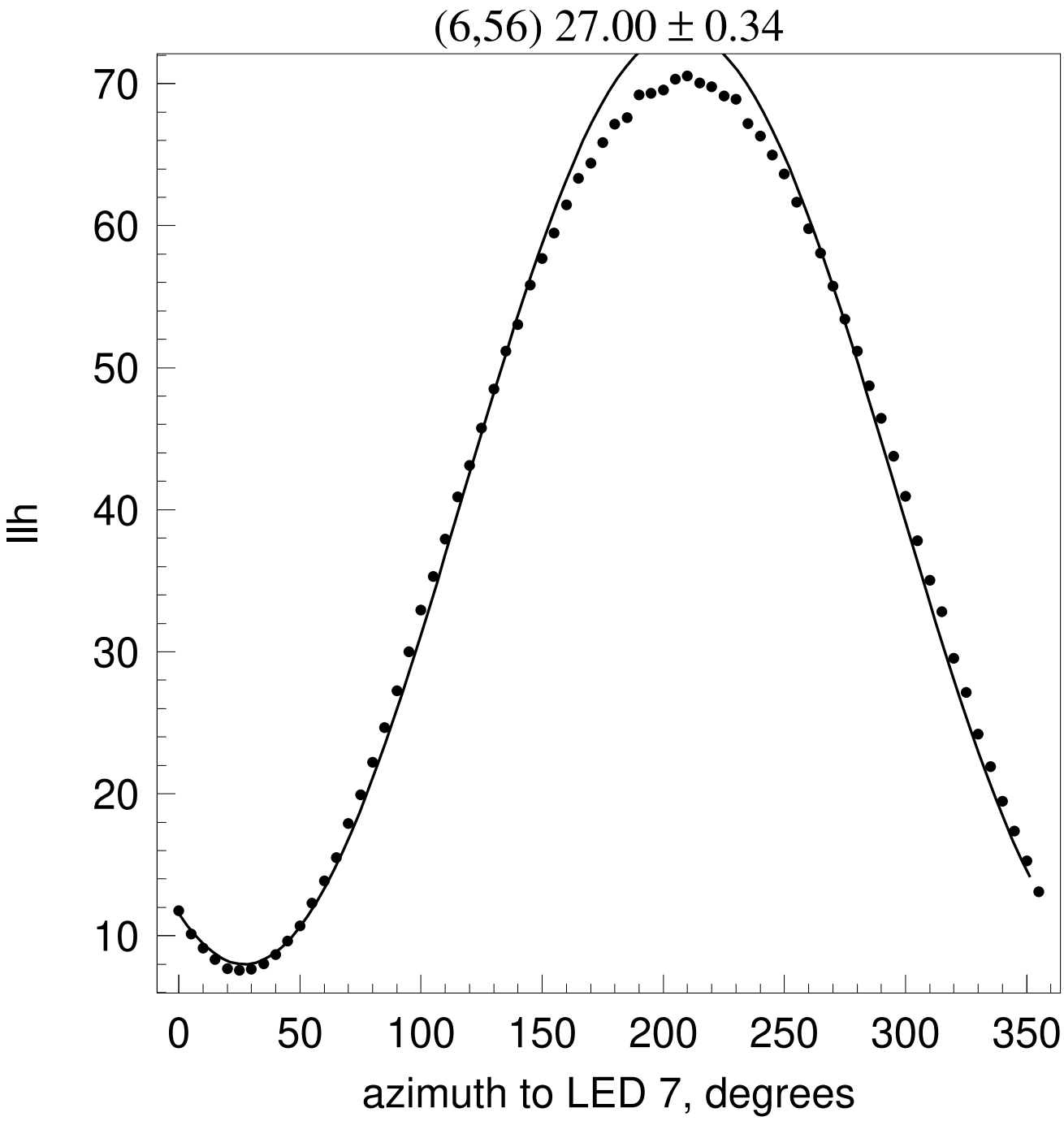

(6,51) 218.06 ± 0.58
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

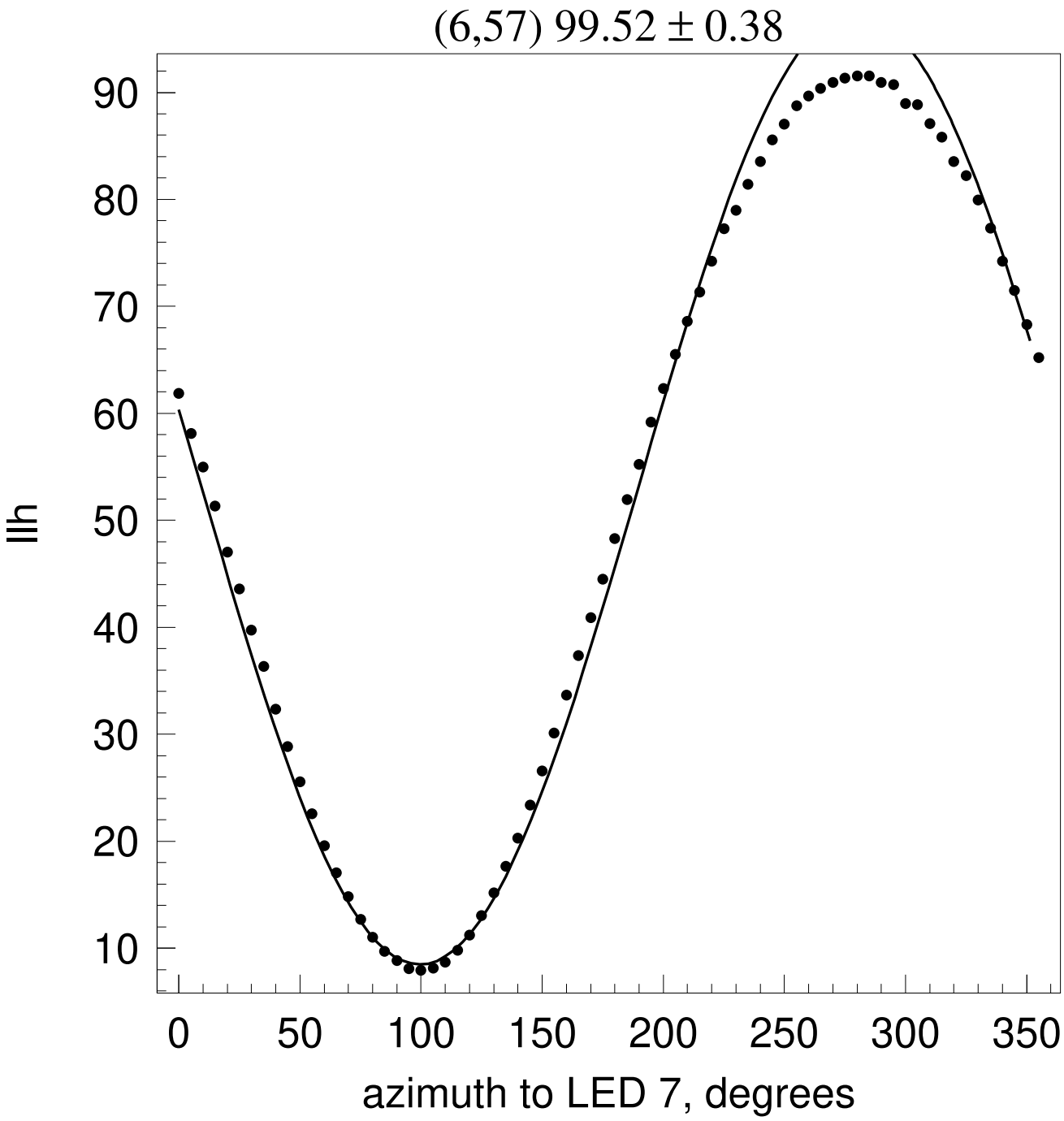

(6,52) 94.21 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

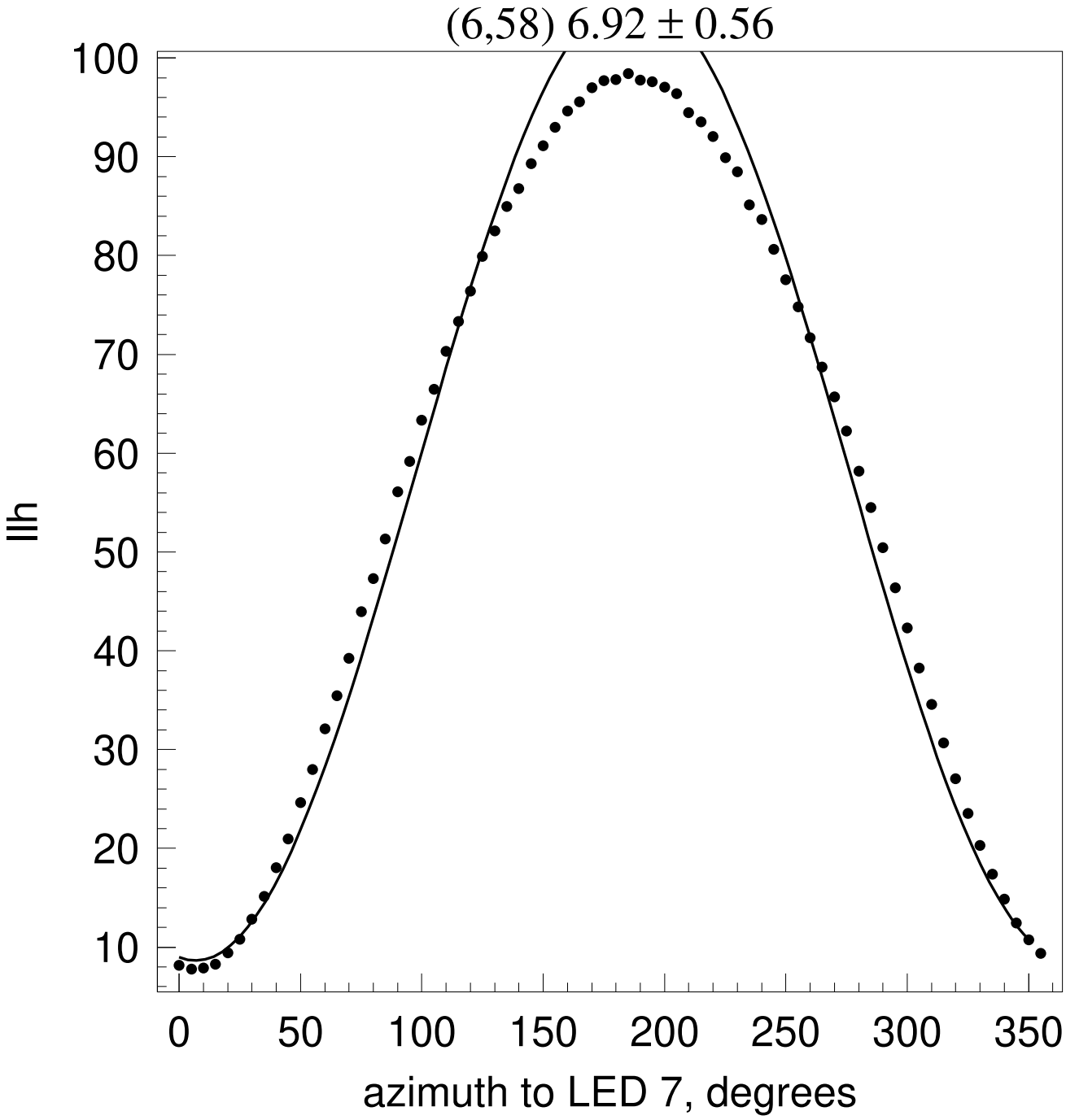

(6,53) 203.27 ± 0.49
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

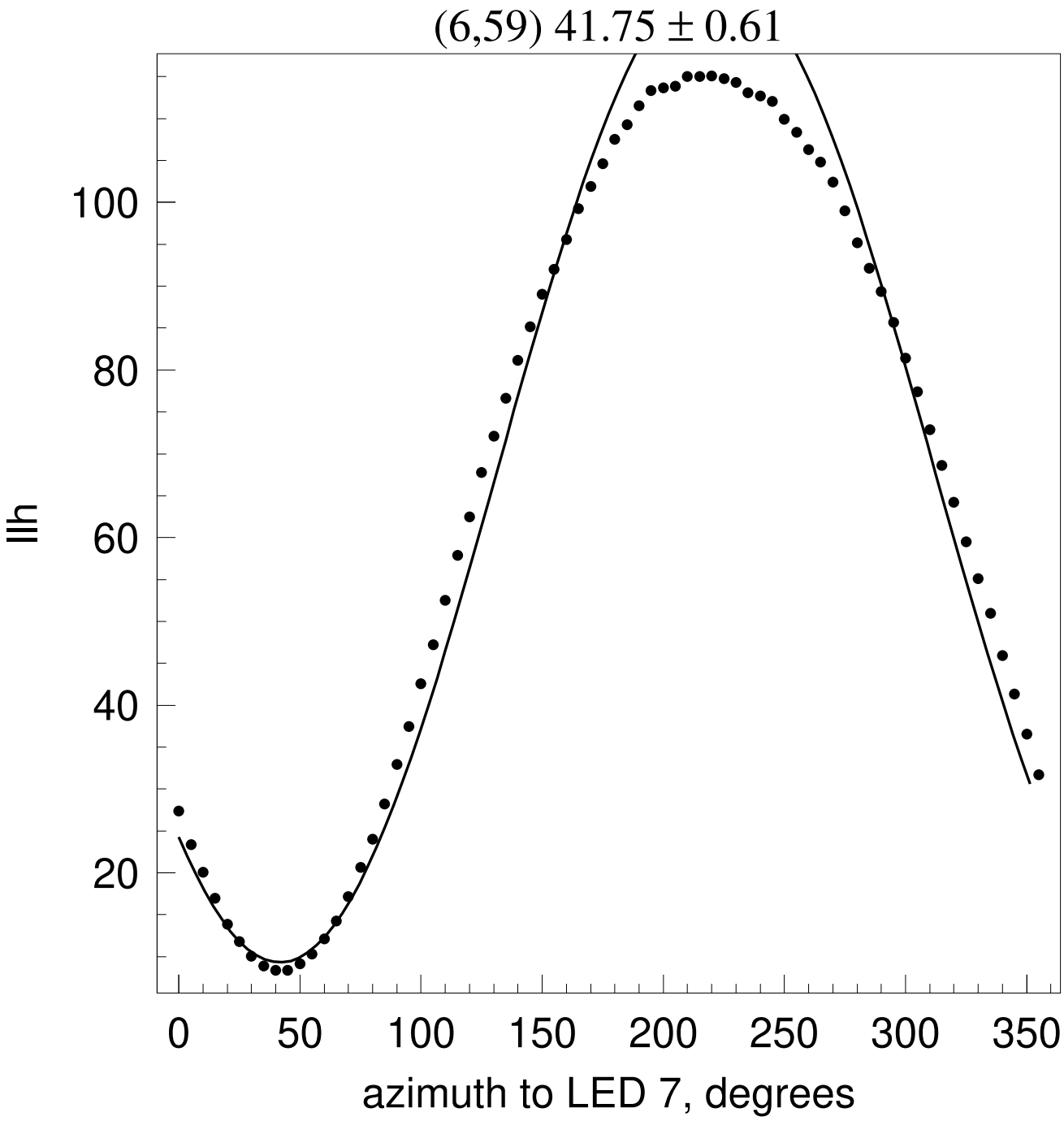

(6,54) 128.24 ± 0.24
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

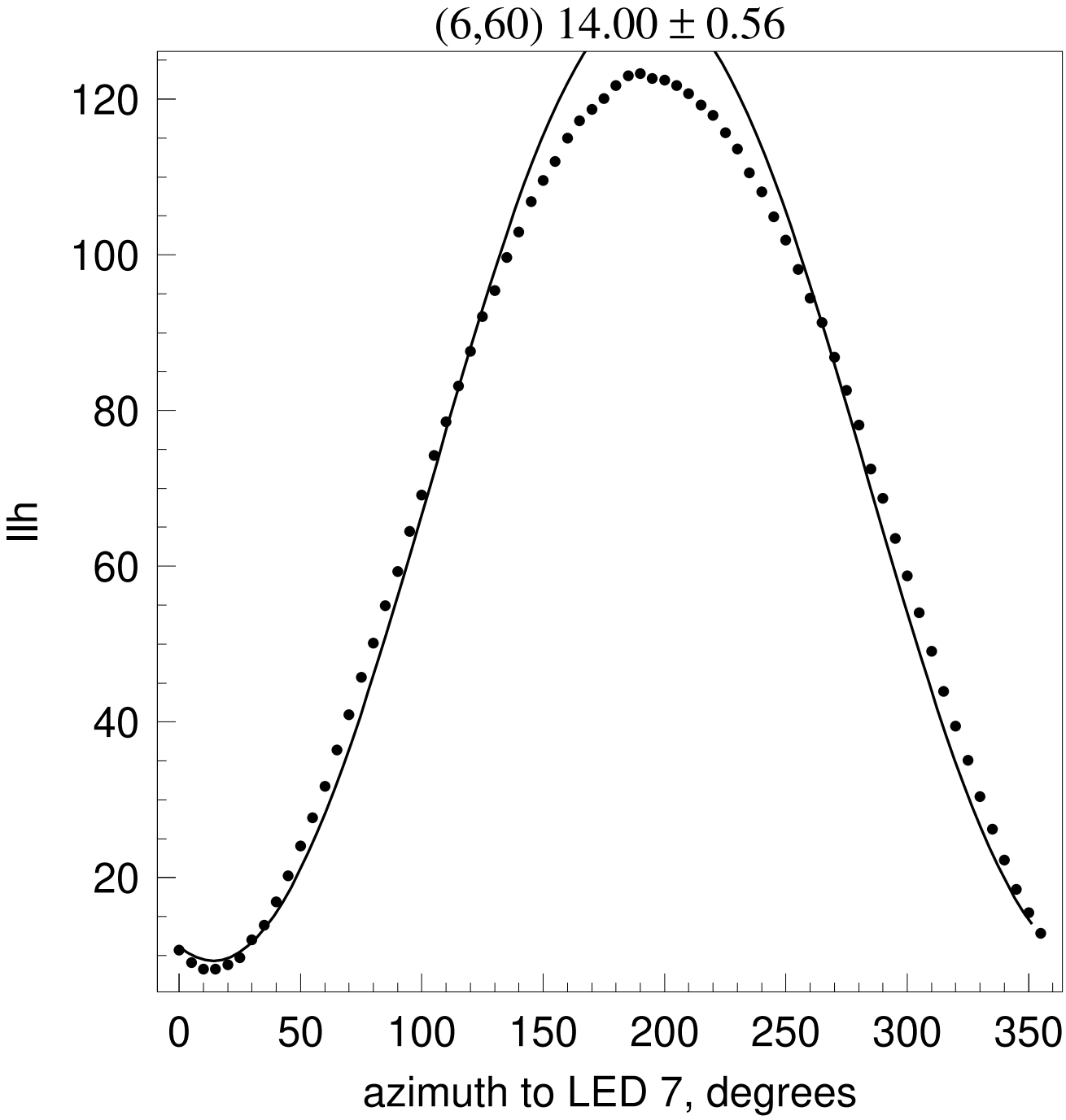

(6,55) 228.03 ± 0.22
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

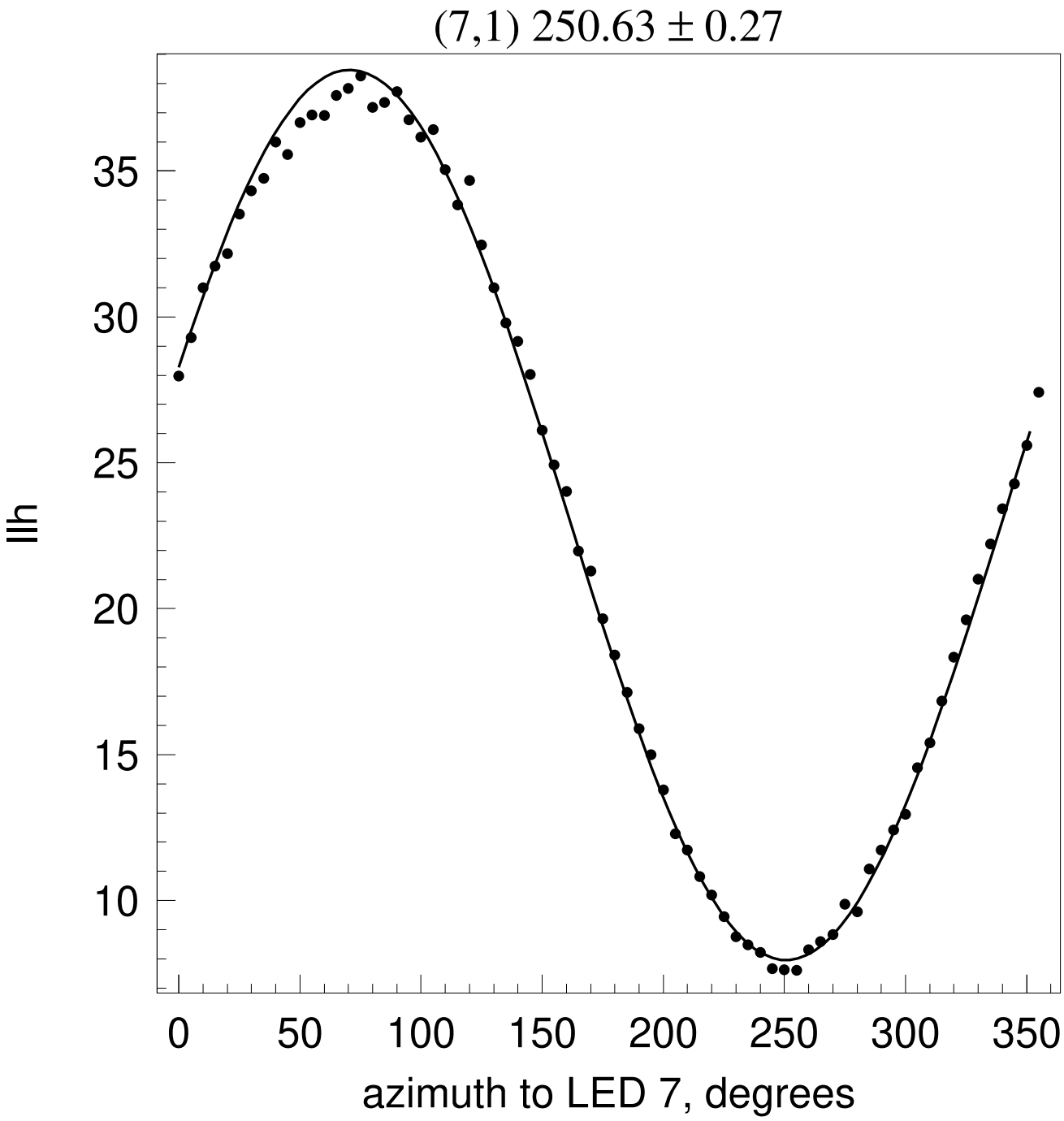

(6,56) 27.00 ± 0.34
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

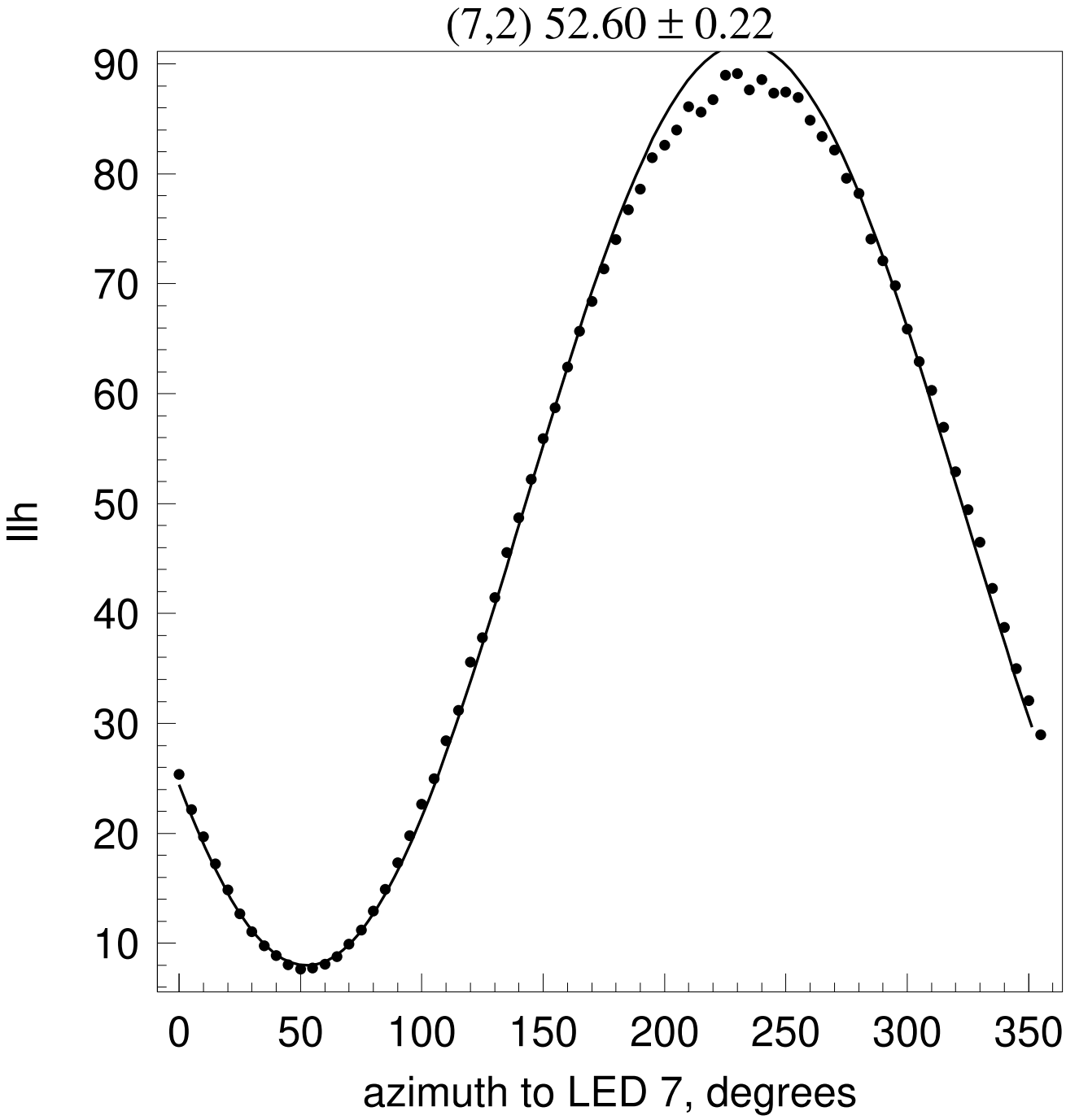

(6,57) 99.52 ± 0.38
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

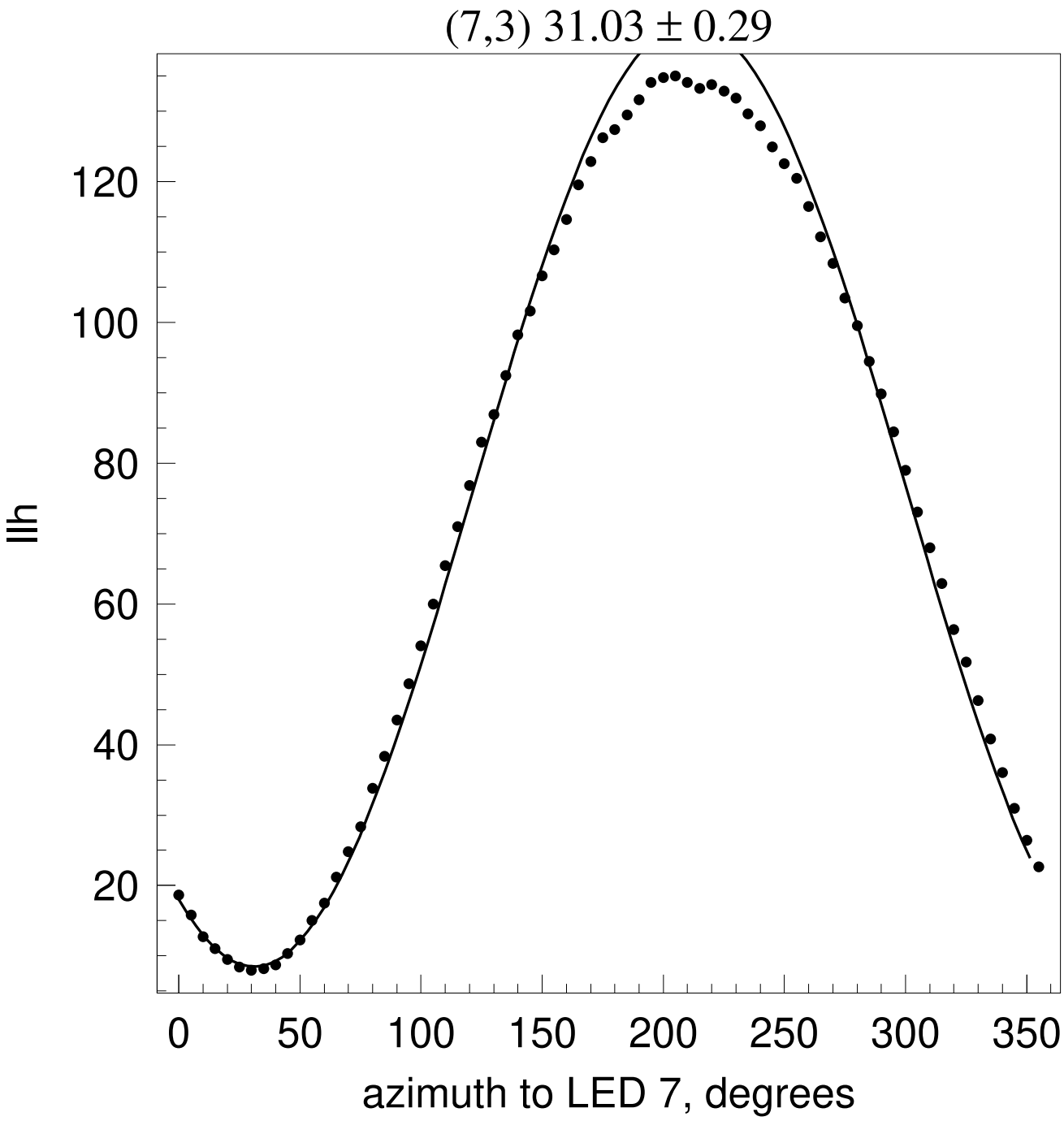

(6,58) 6.92 ± 0.56
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

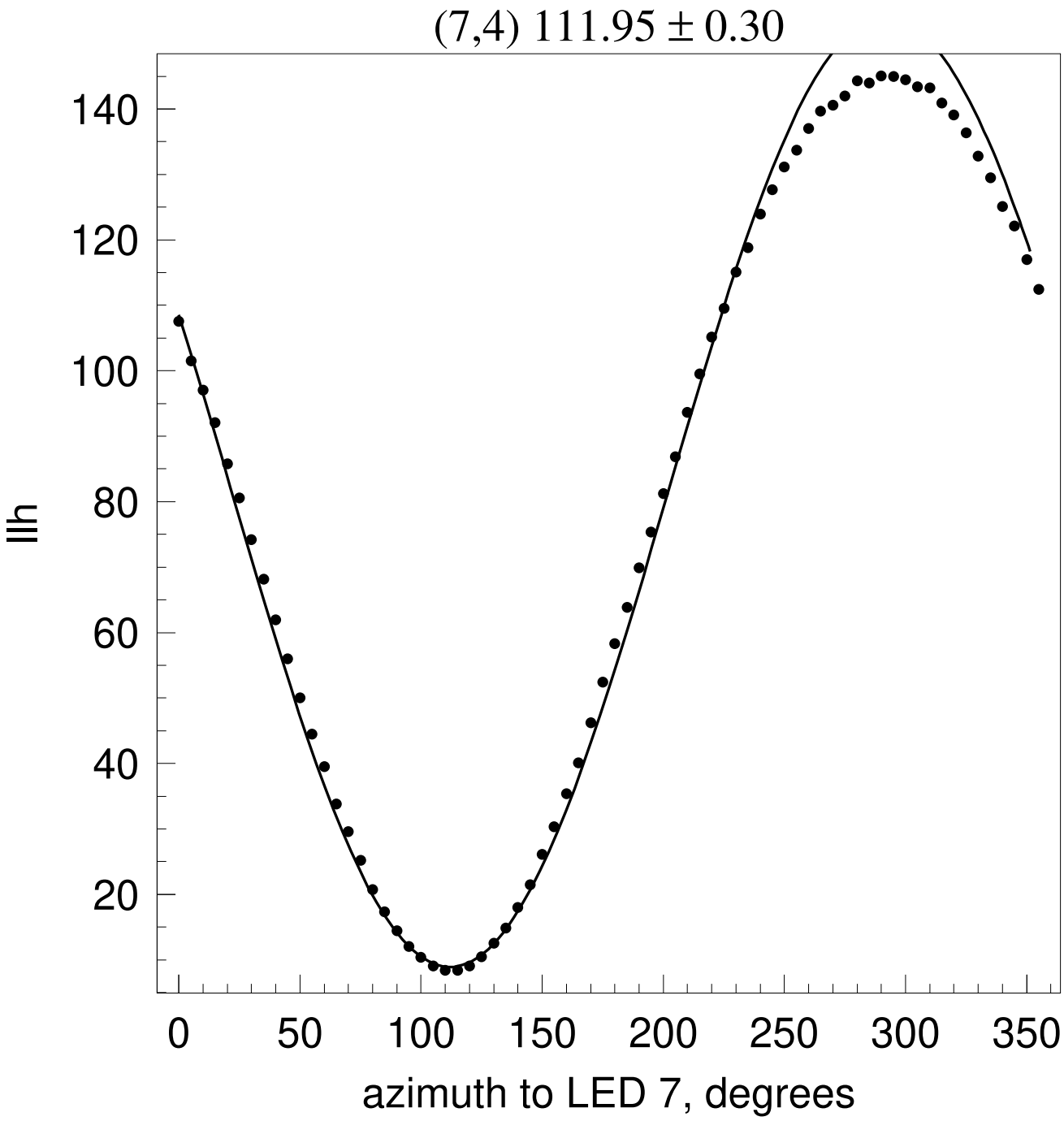

(6,59) 41.75 ± 0.61
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

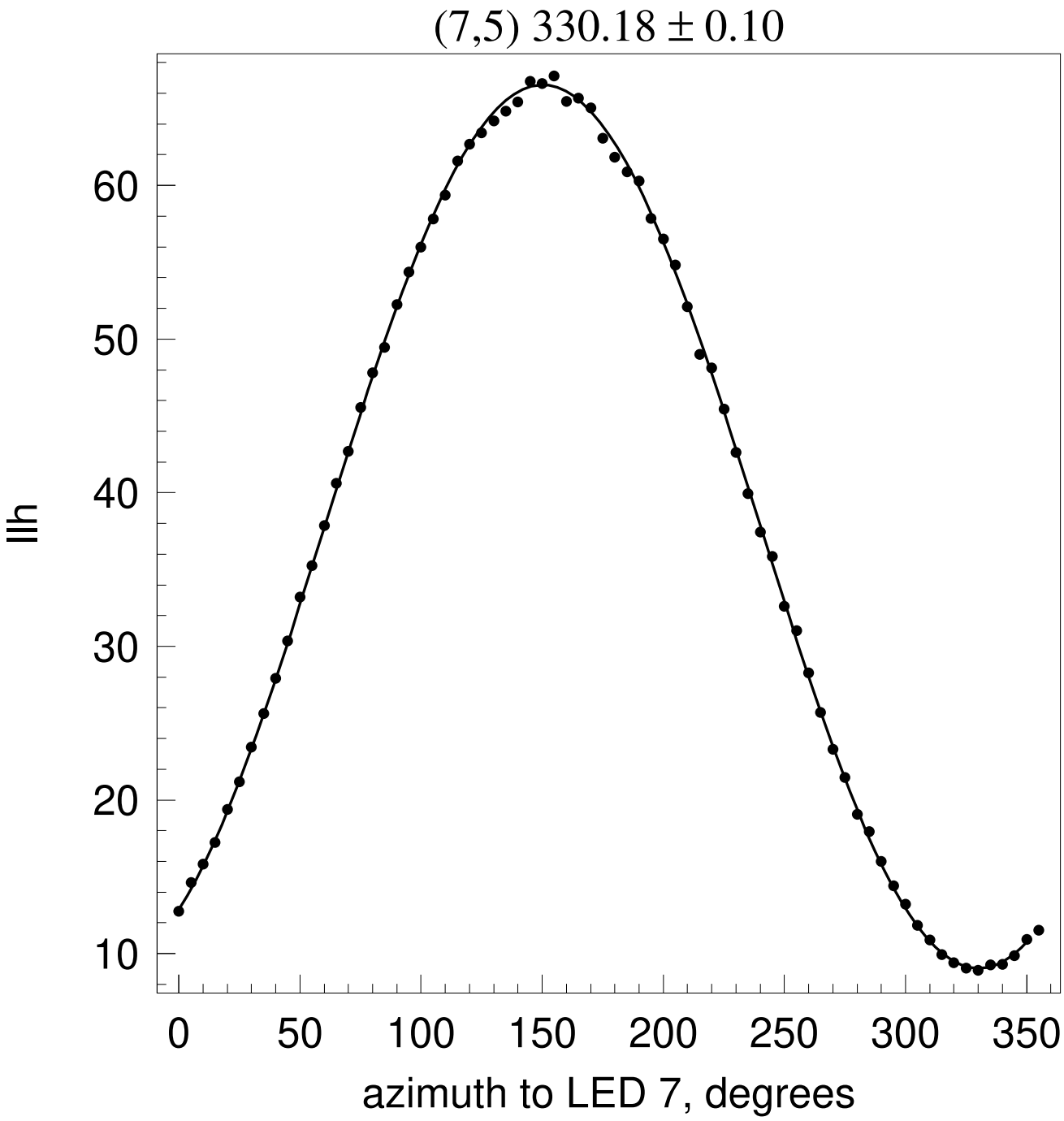

(6,60) 14.00 ± 0.56
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

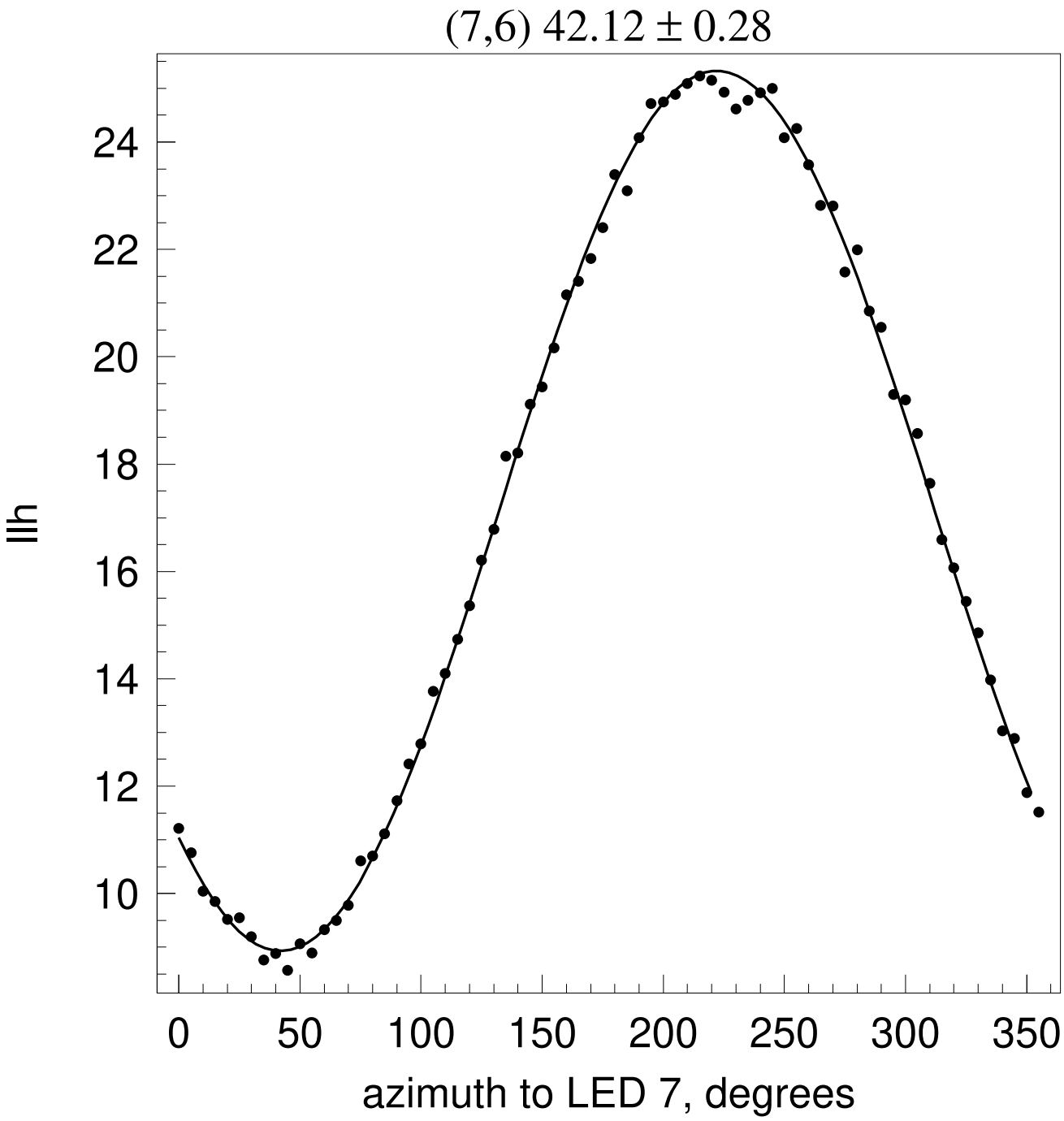

(7,1) 250.63 ± 0.27
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

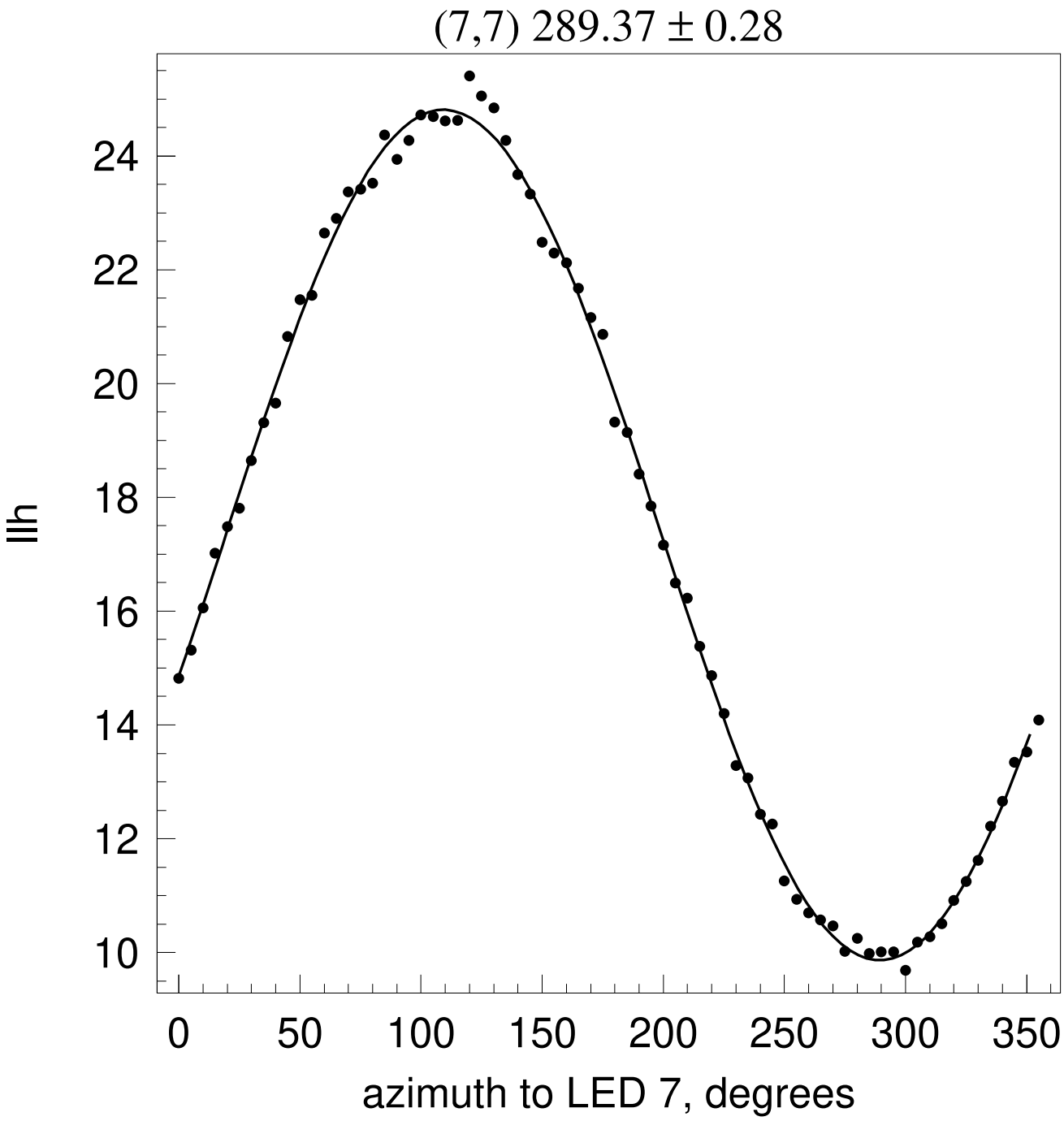

(7,2) 52.60 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

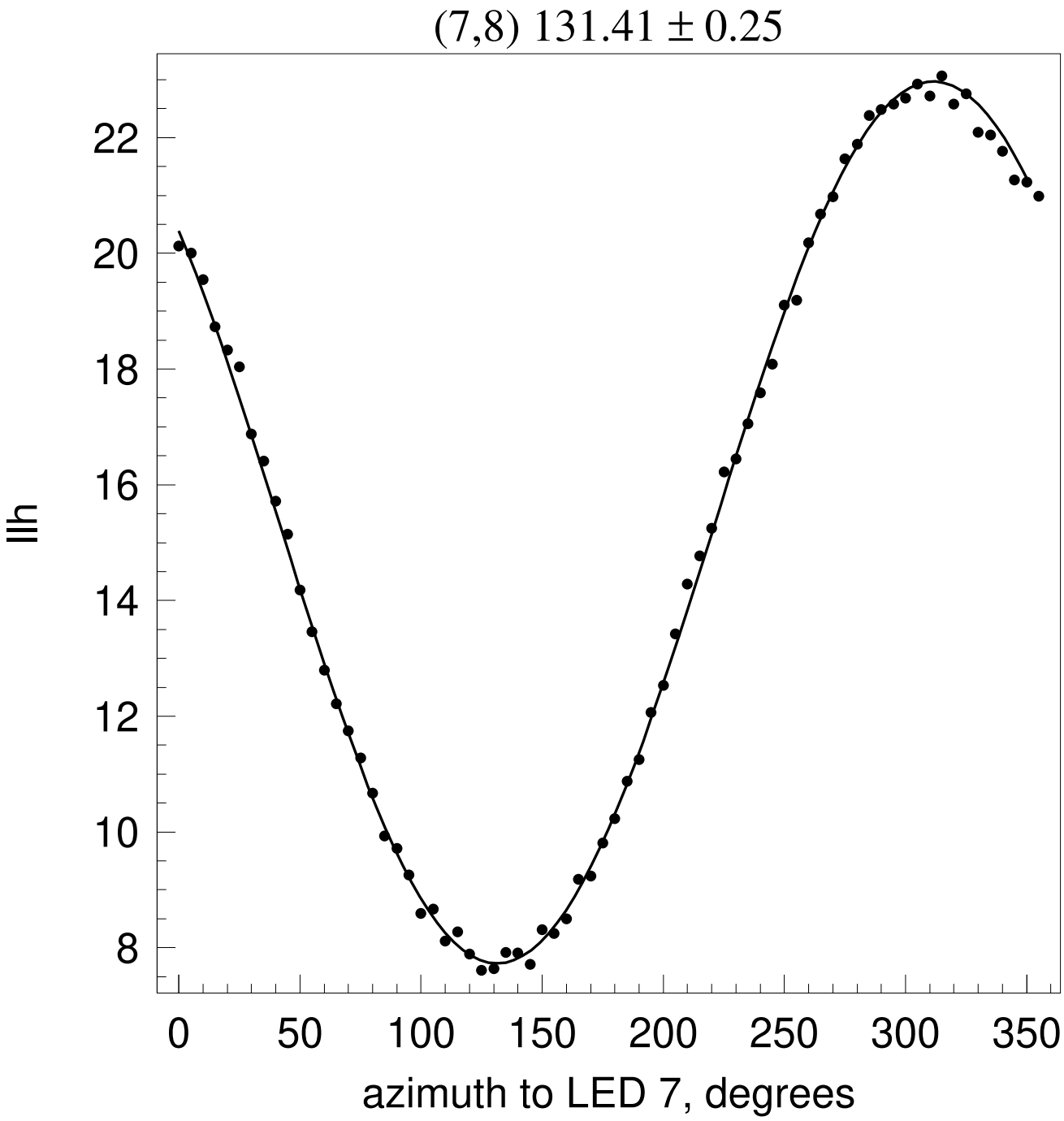

(7,3) 31.03 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

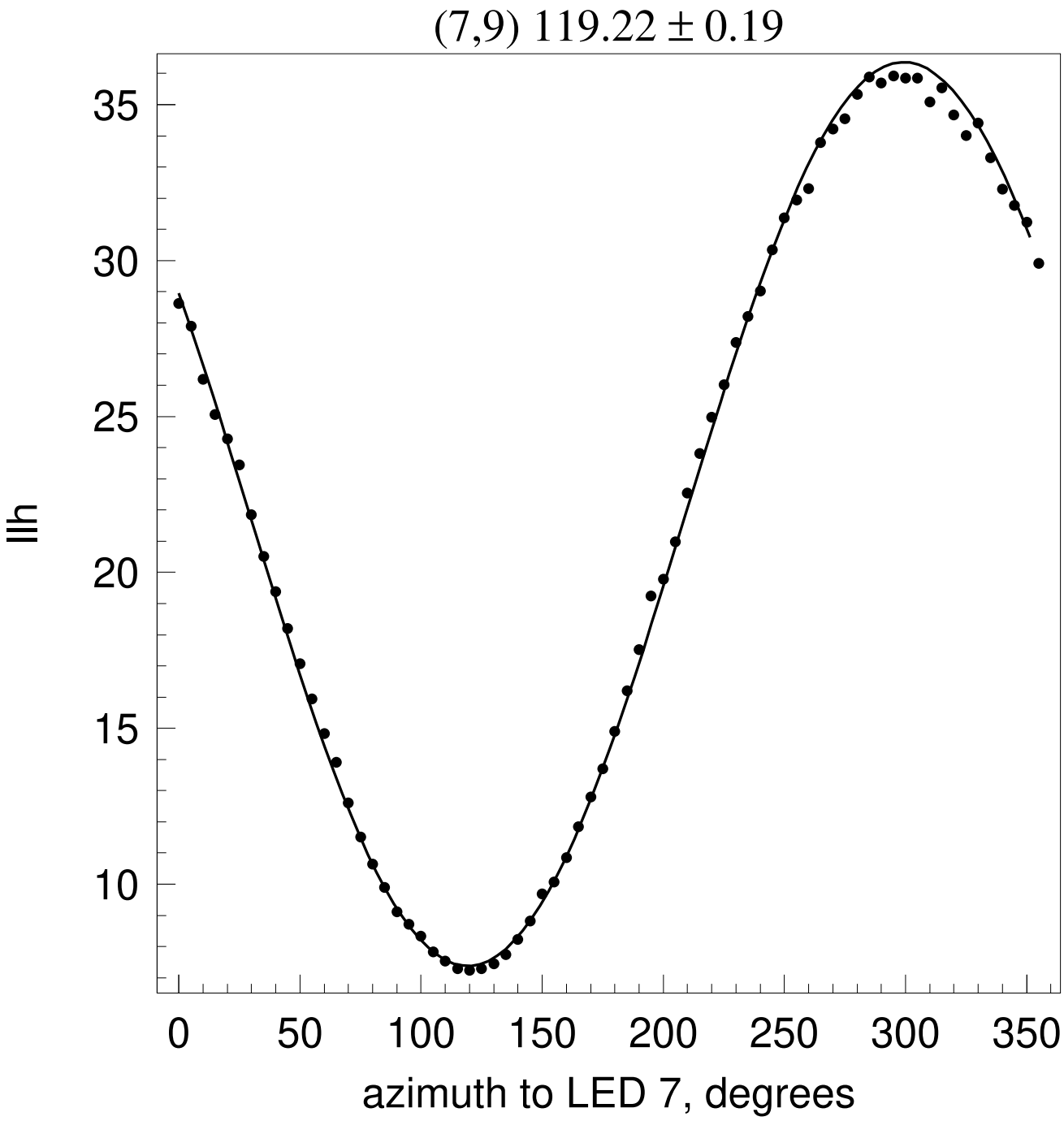

(7,4) 111.95 ± 0.30
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

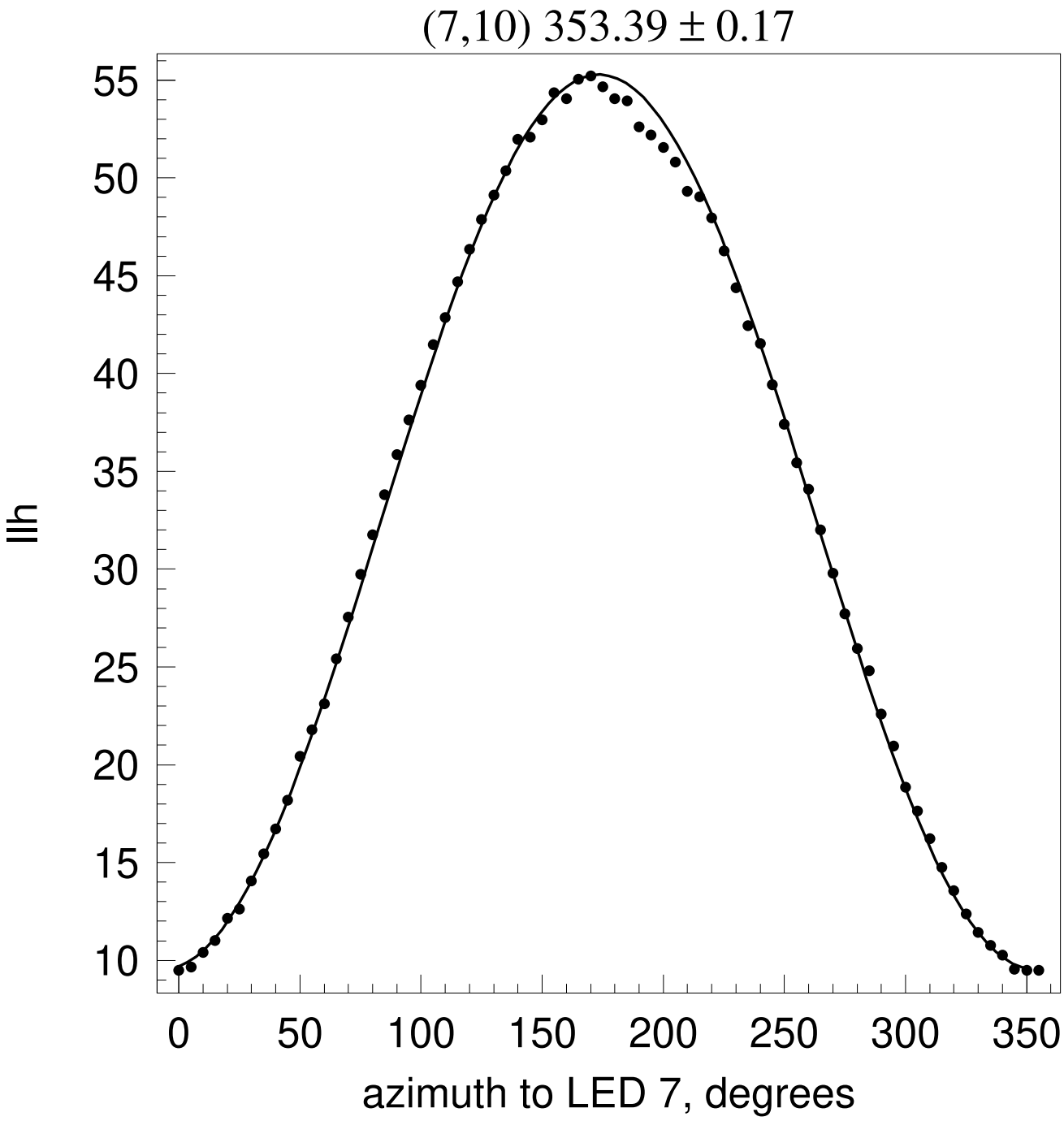

(7,5) 330.18 ± 0.10
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

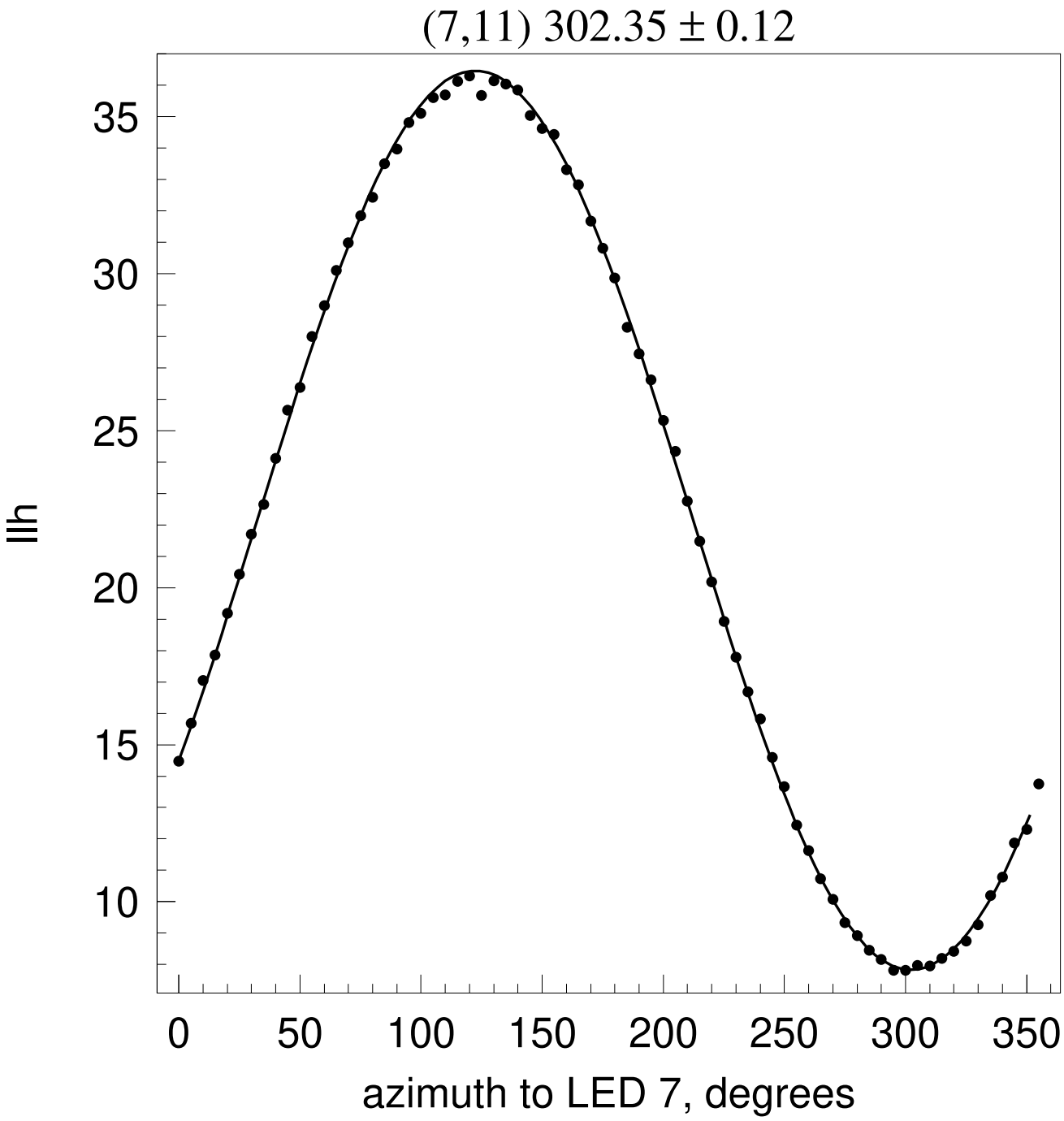

(7,6) 42.12 ± 0.28
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

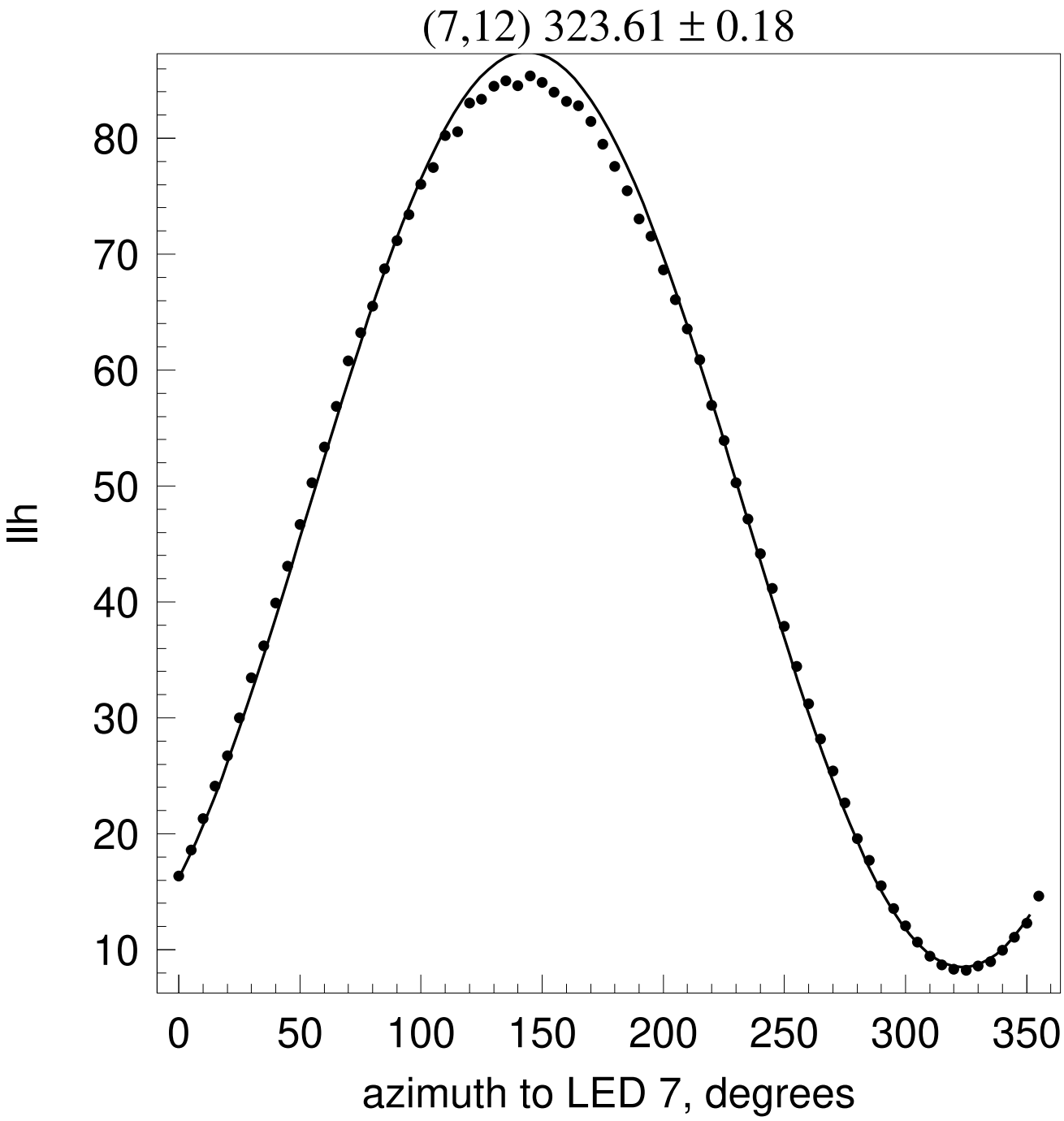

(7,7) 289.37 ± 0.28
24
22
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

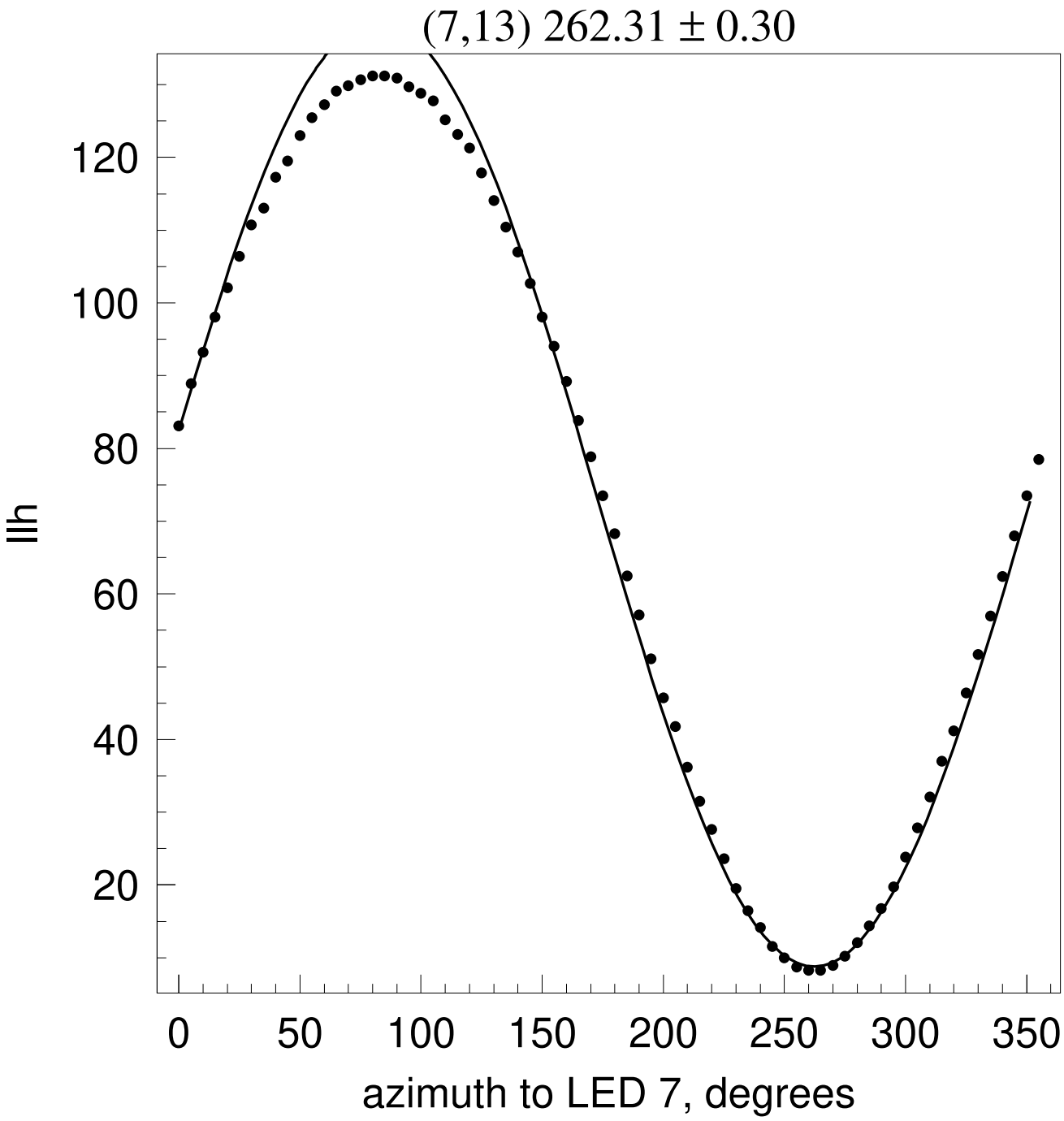

(7,8) 131.41 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

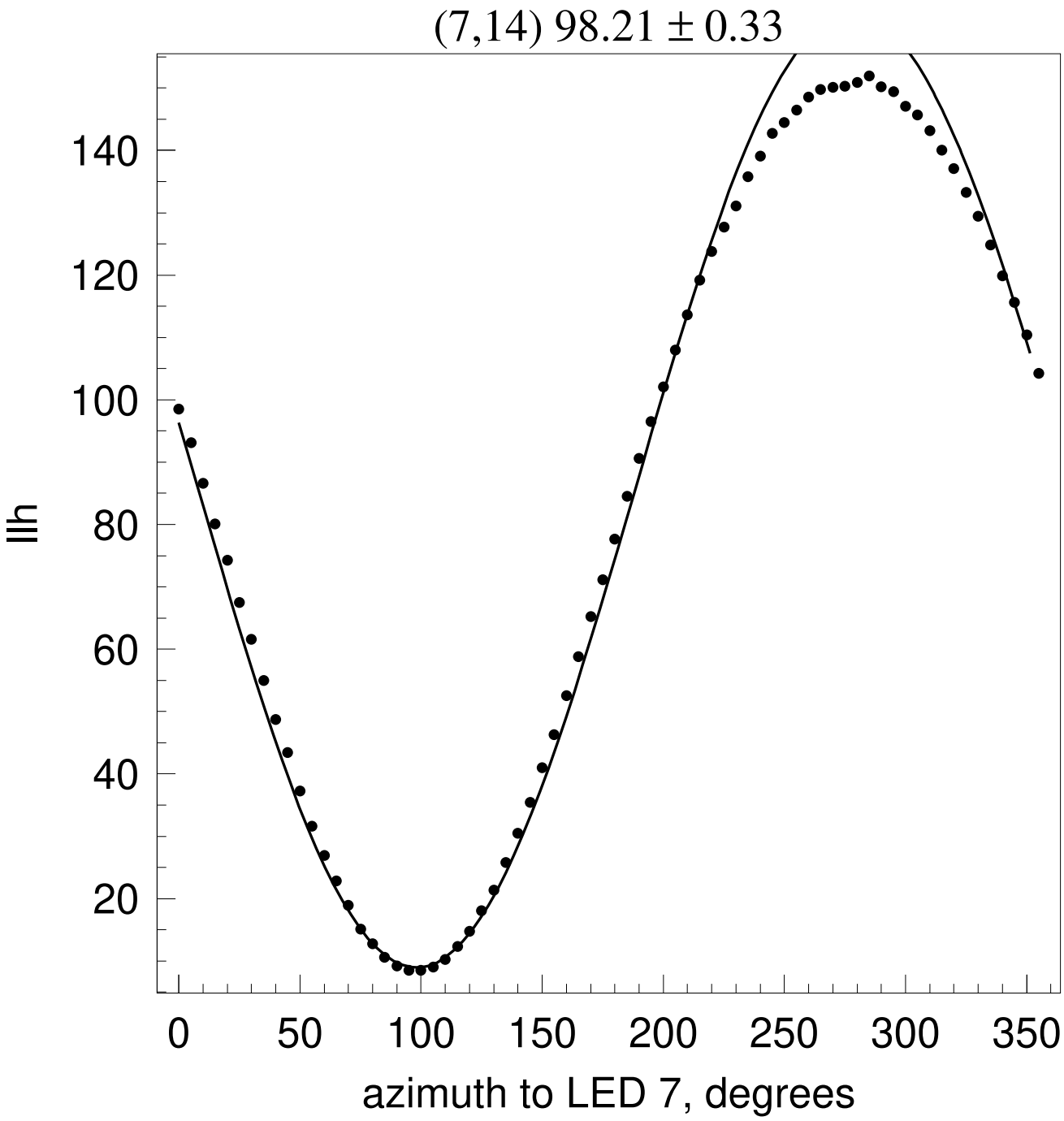

(7,9) 119.22 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

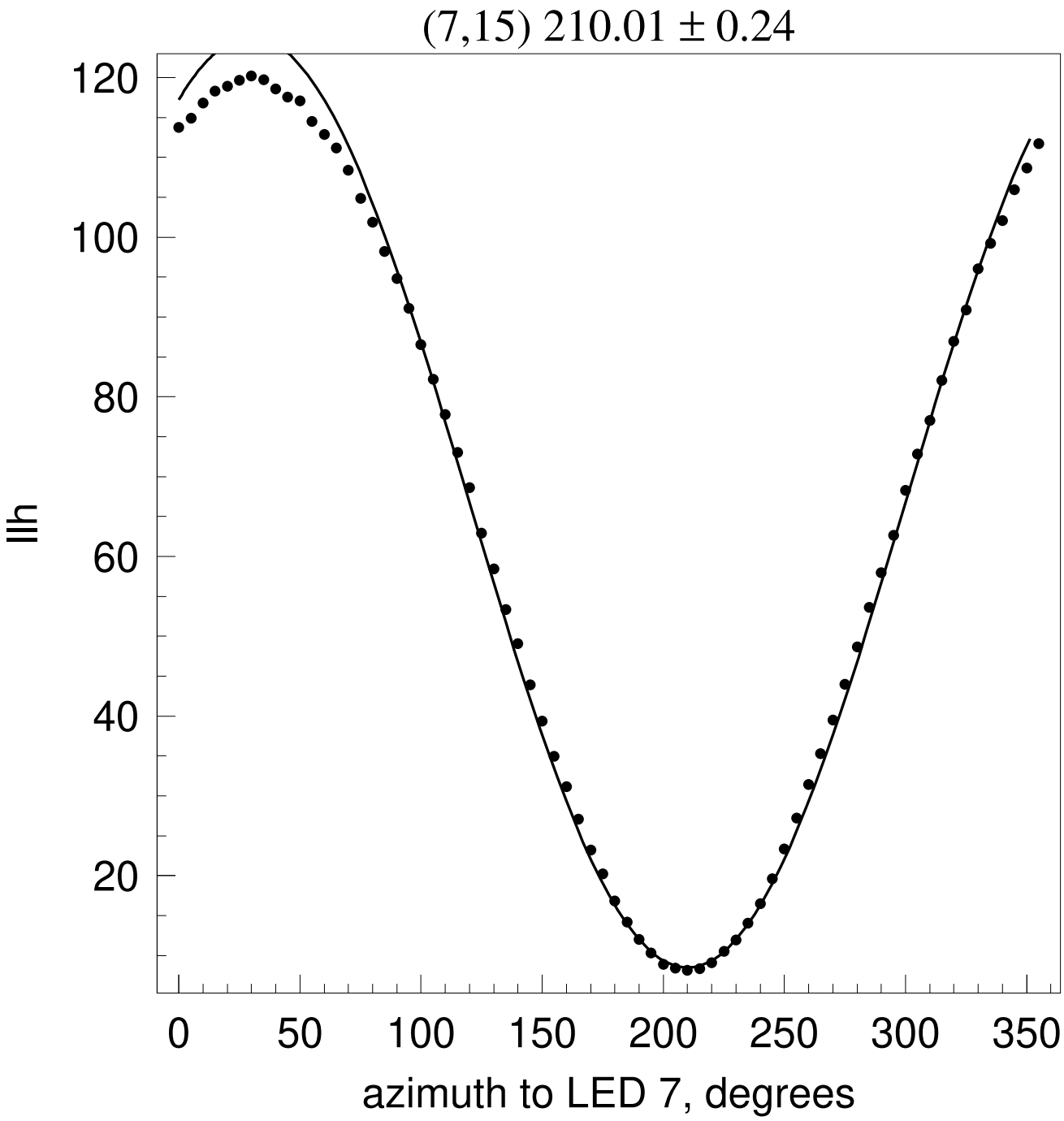

(7,10) 353.39 ± 0.17
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

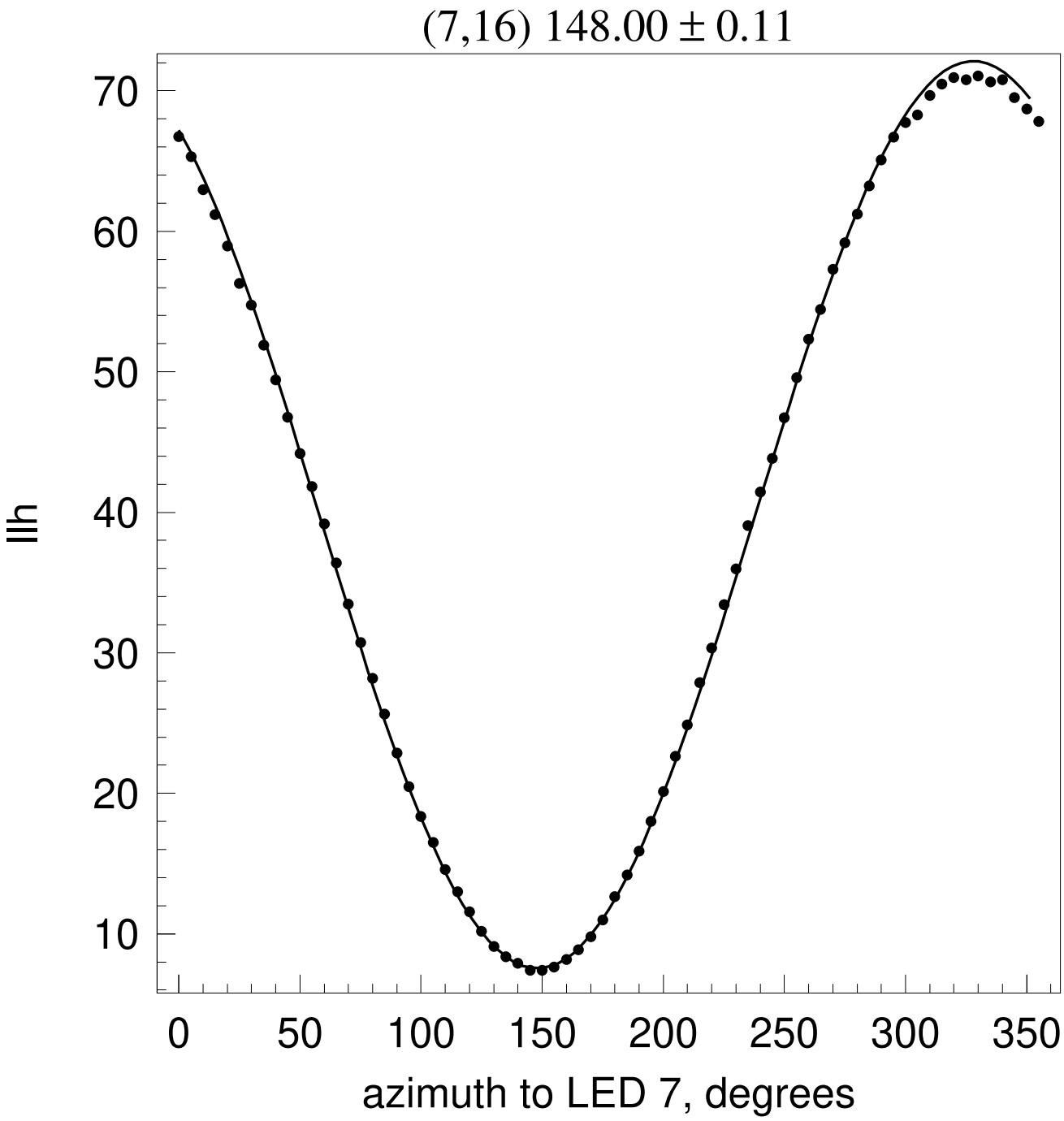

(7,11) 302.35 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

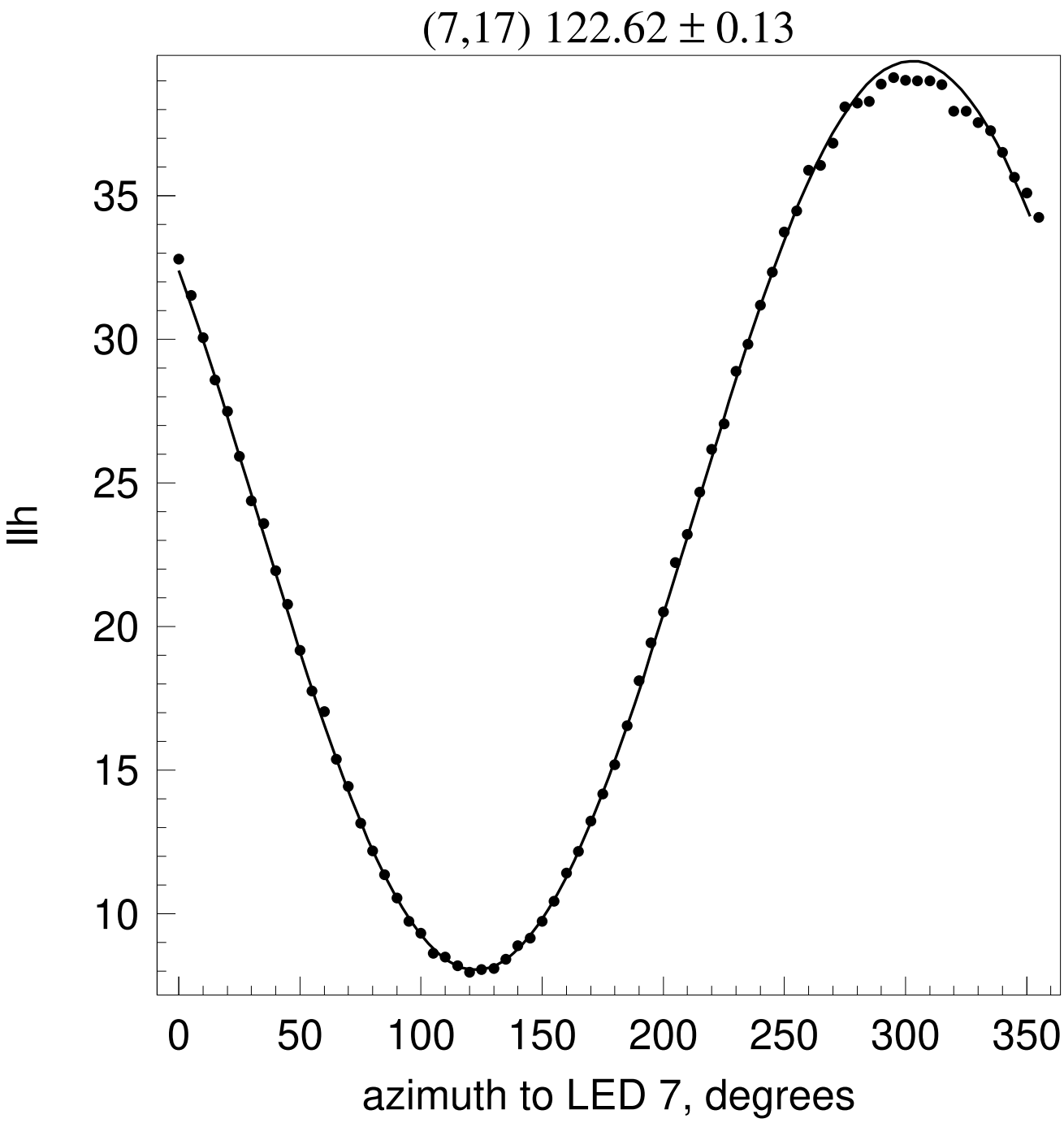

(7,12) 323.61 ± 0.18
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

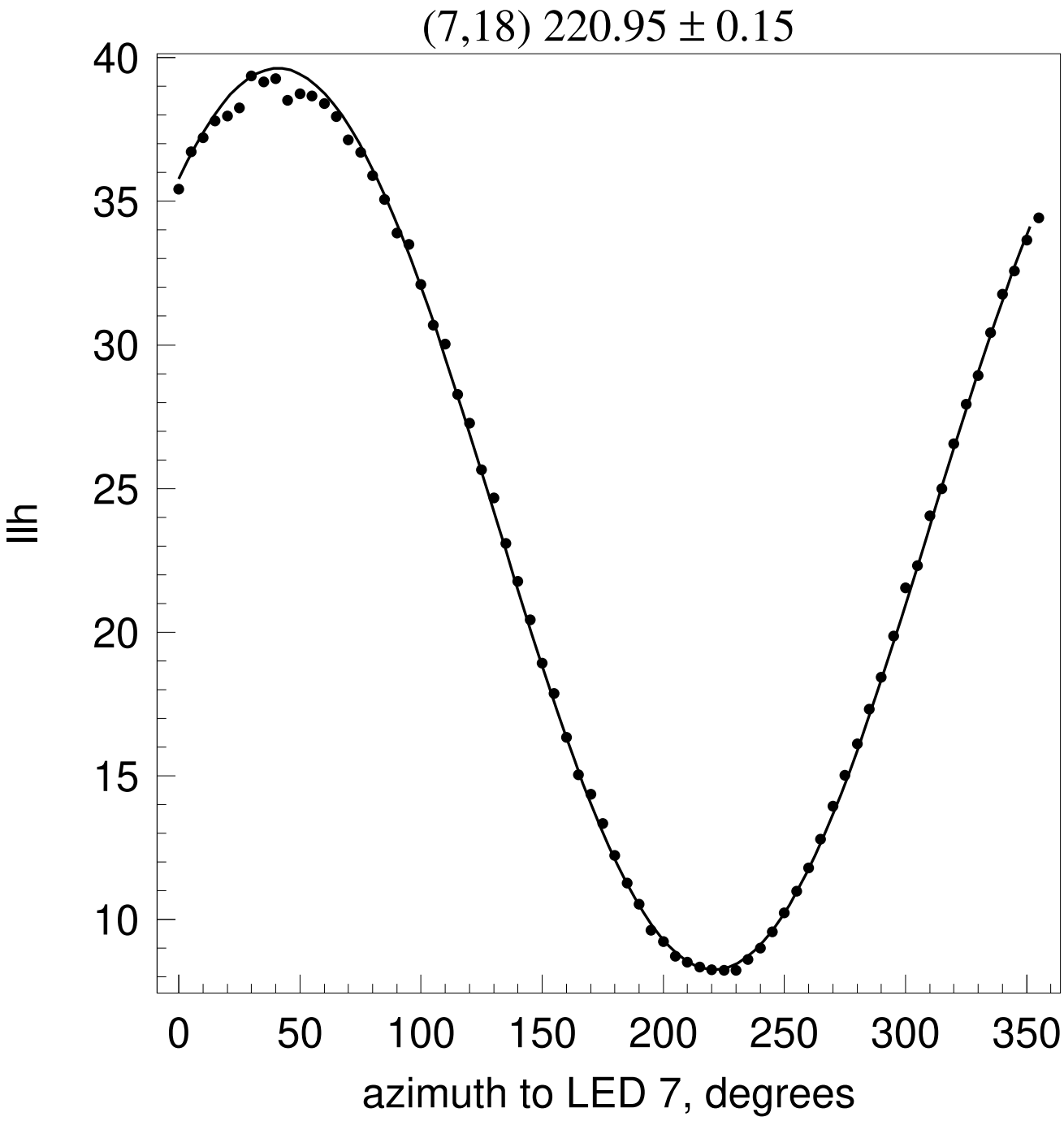

(7,13) 262.31 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

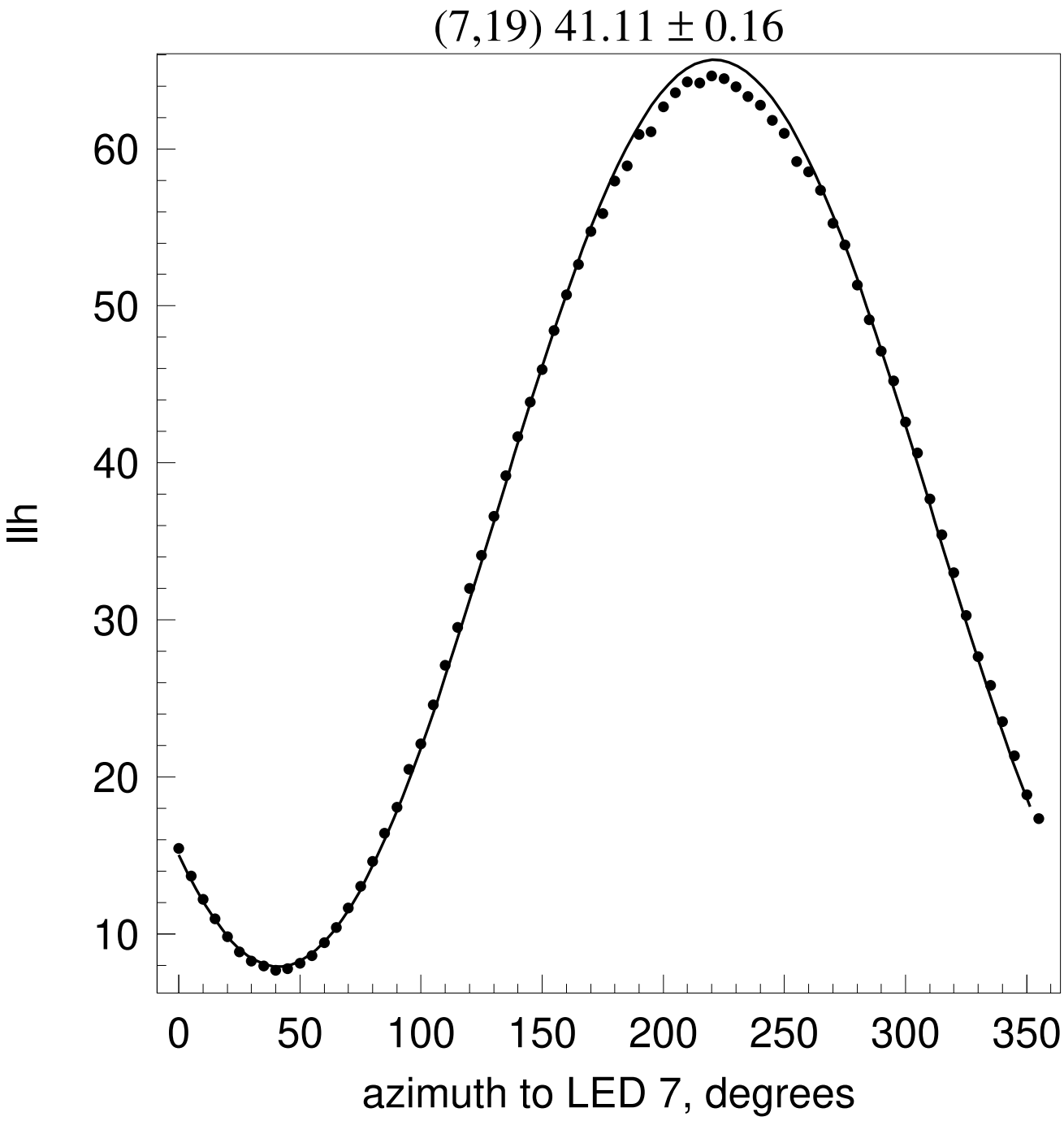

(7,14) 98.21 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

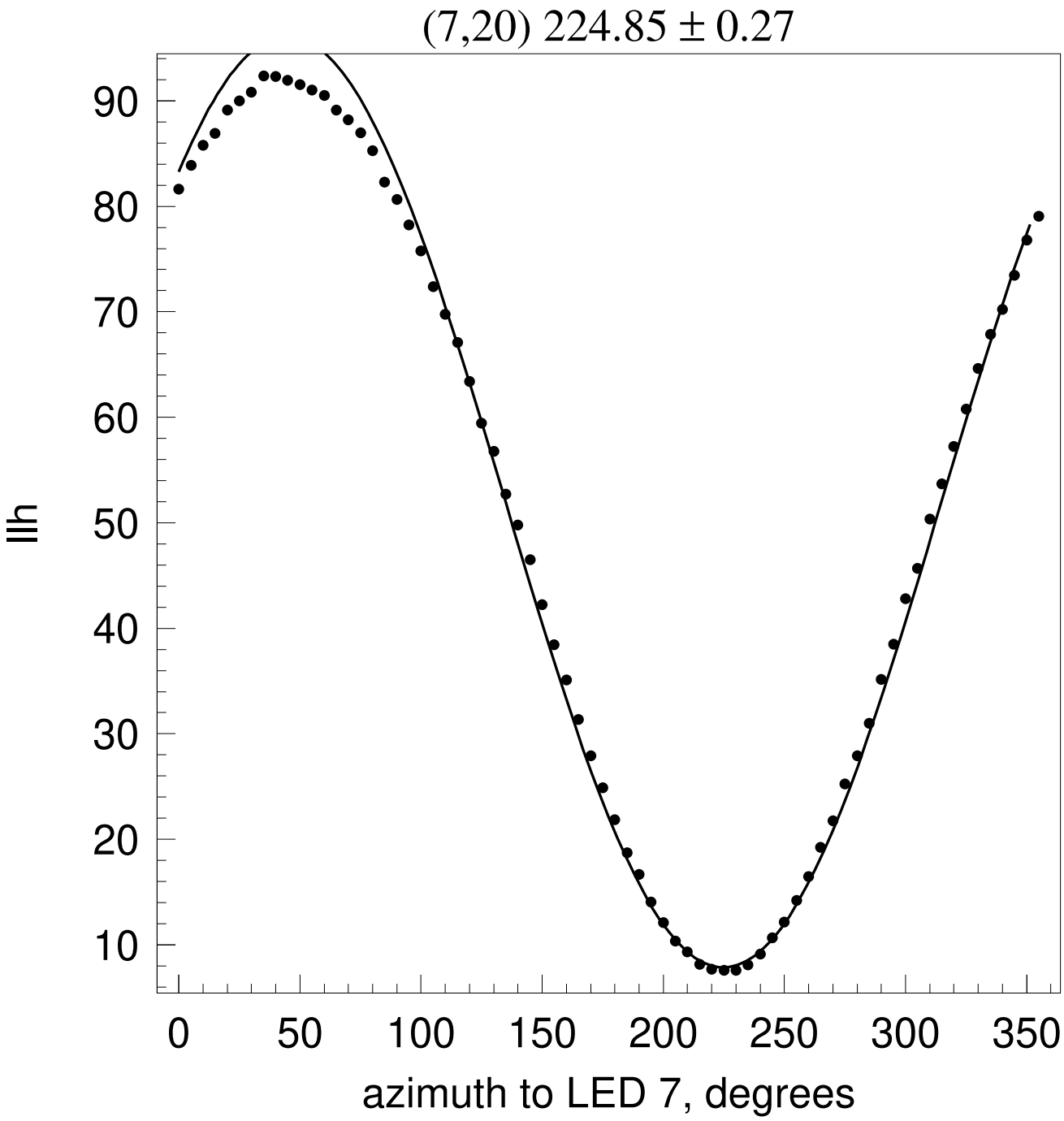

(7,15) 210.01 ± 0.24
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

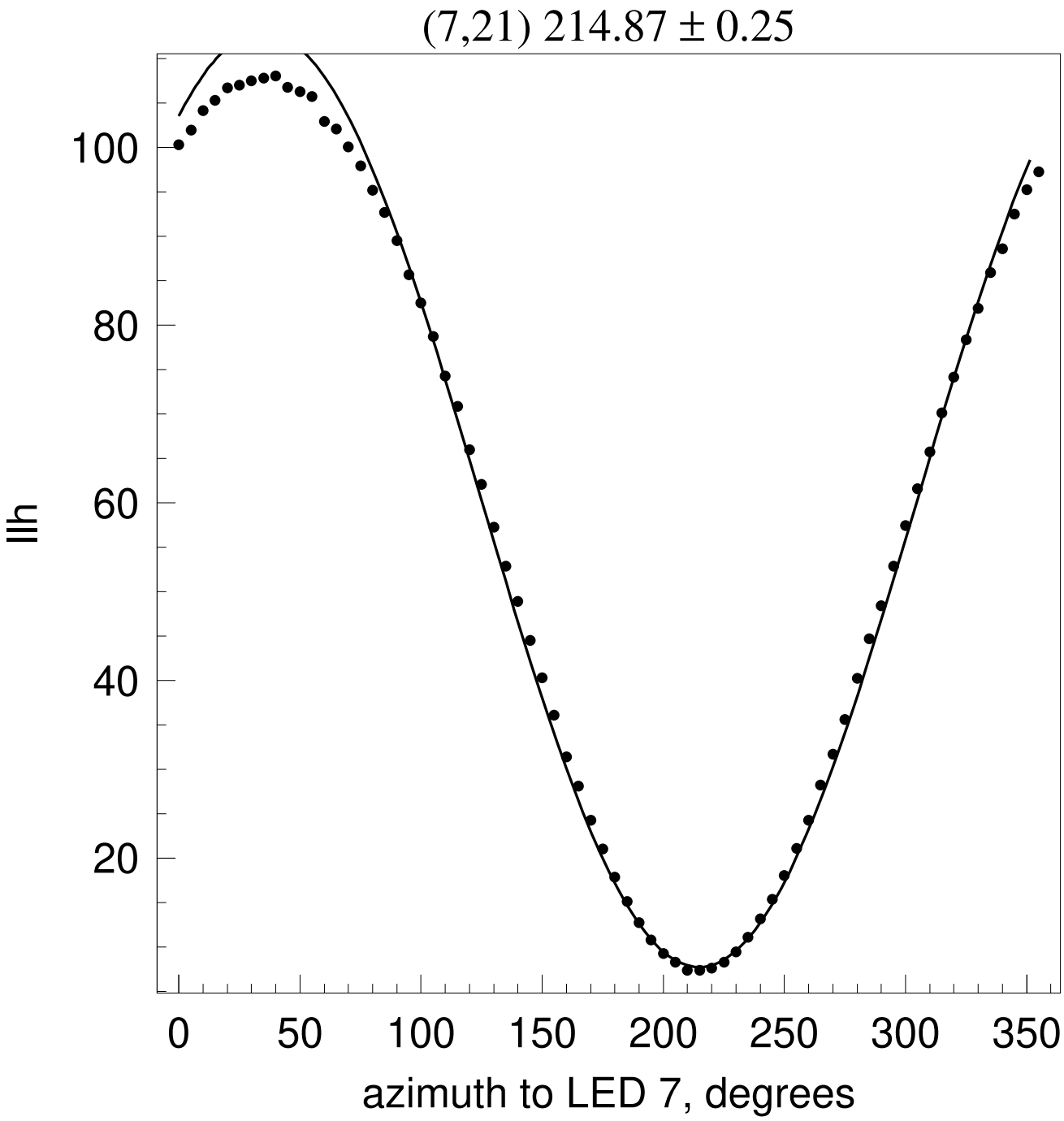

(7,16) 148.00 ± 0.11
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

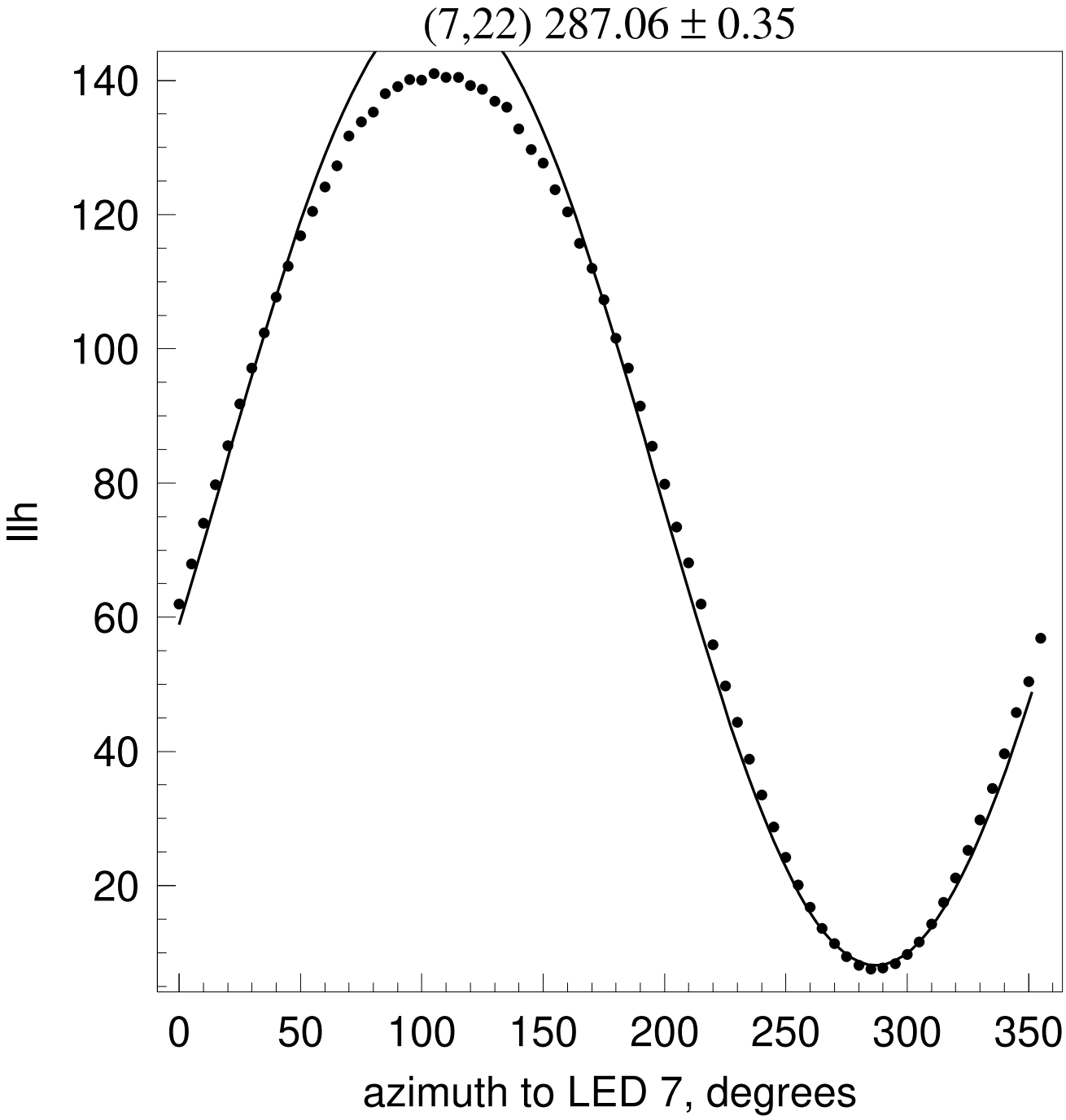

(7,17) 122.62 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

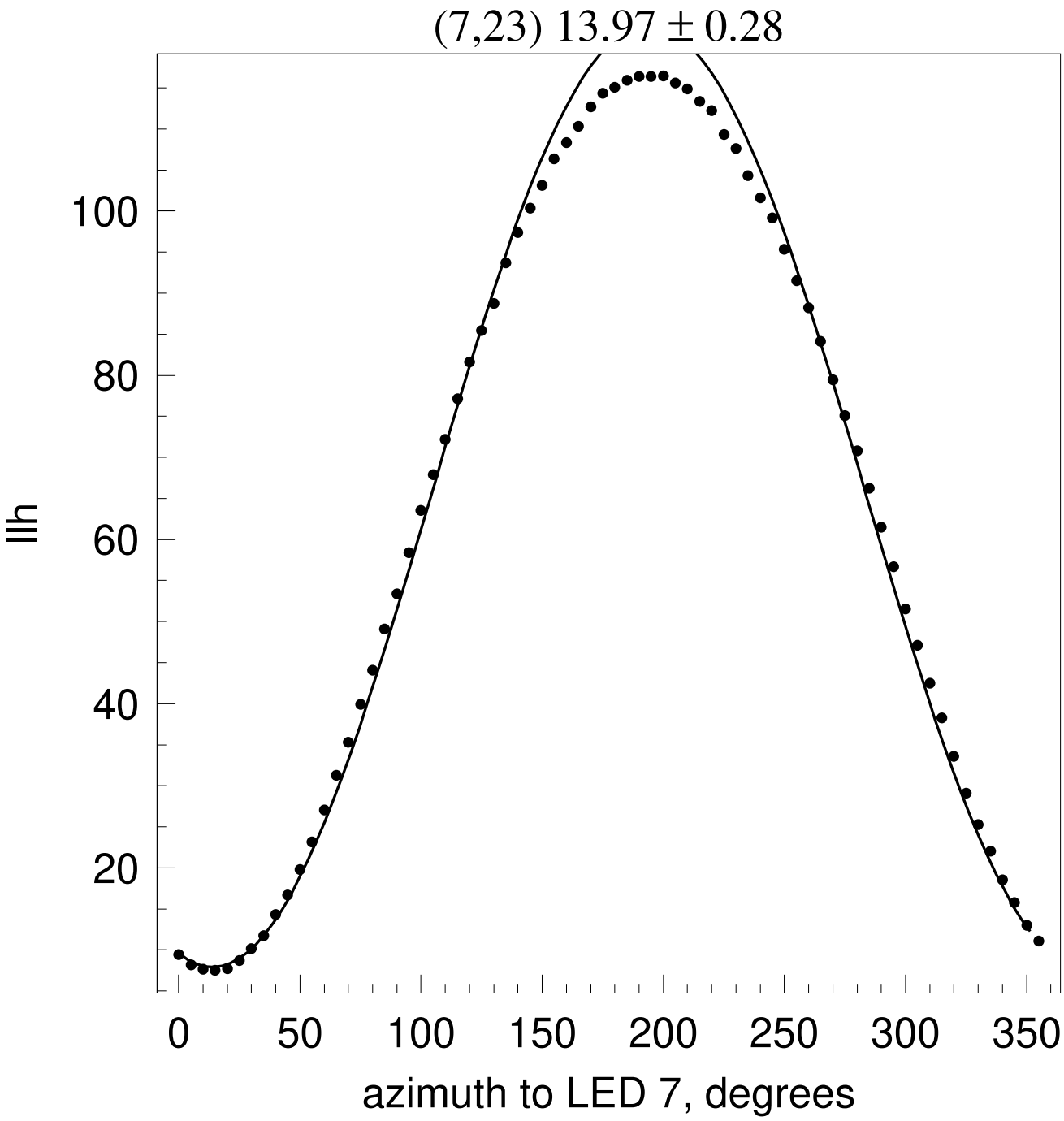

(7,18) 220.95 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

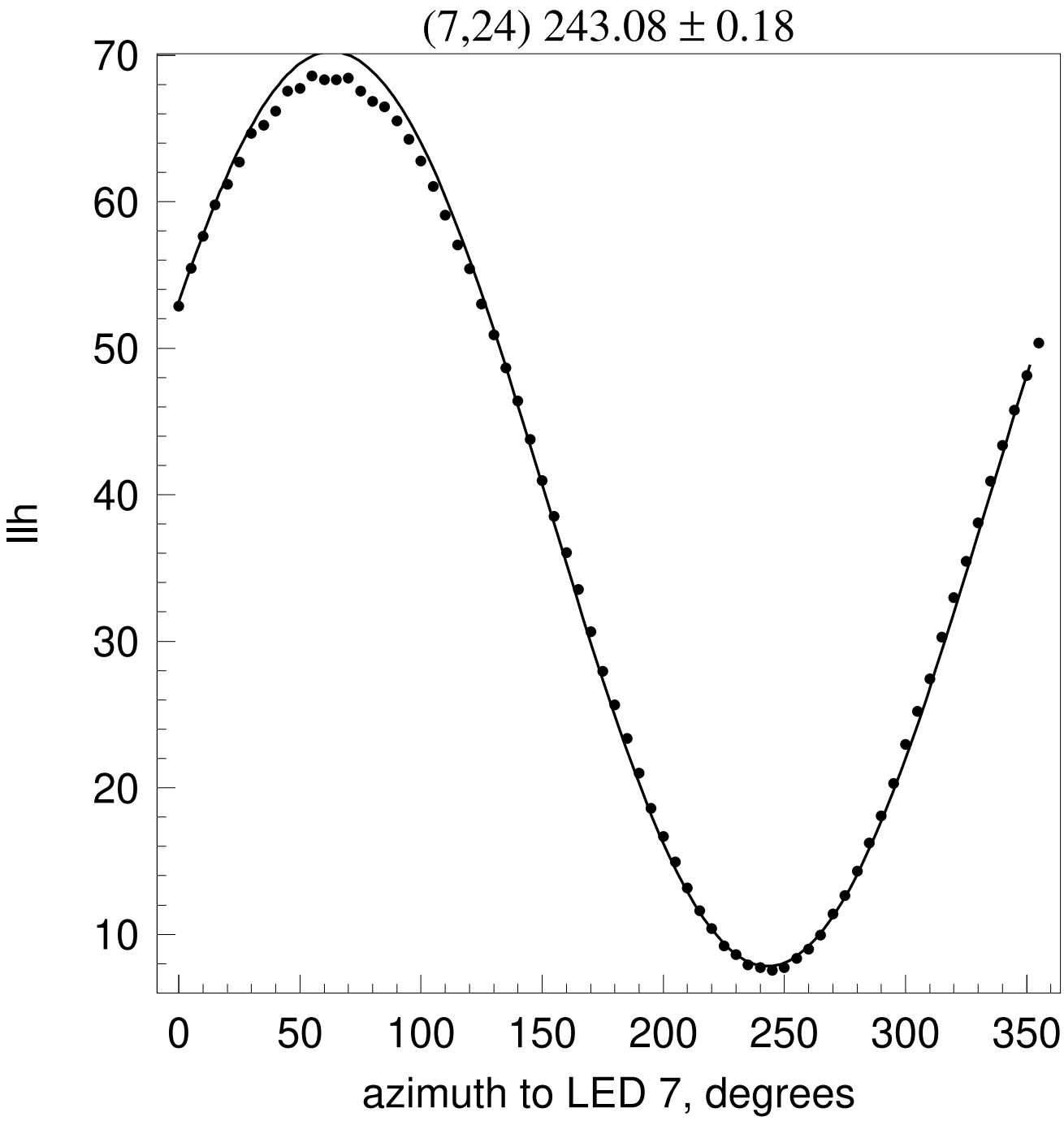

(7,19) 41.11 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

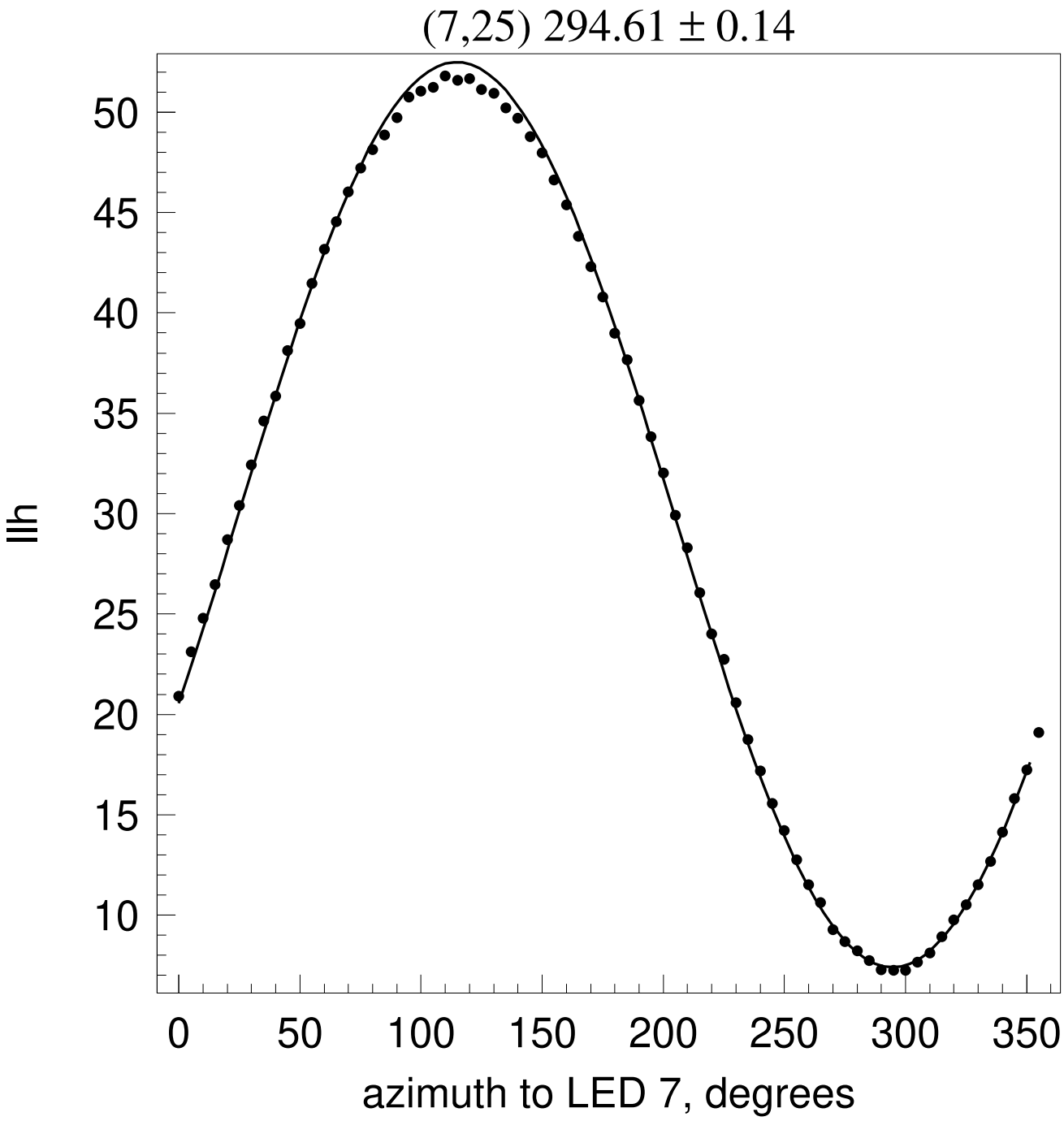

(7,20) 224.85 ± 0.27
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

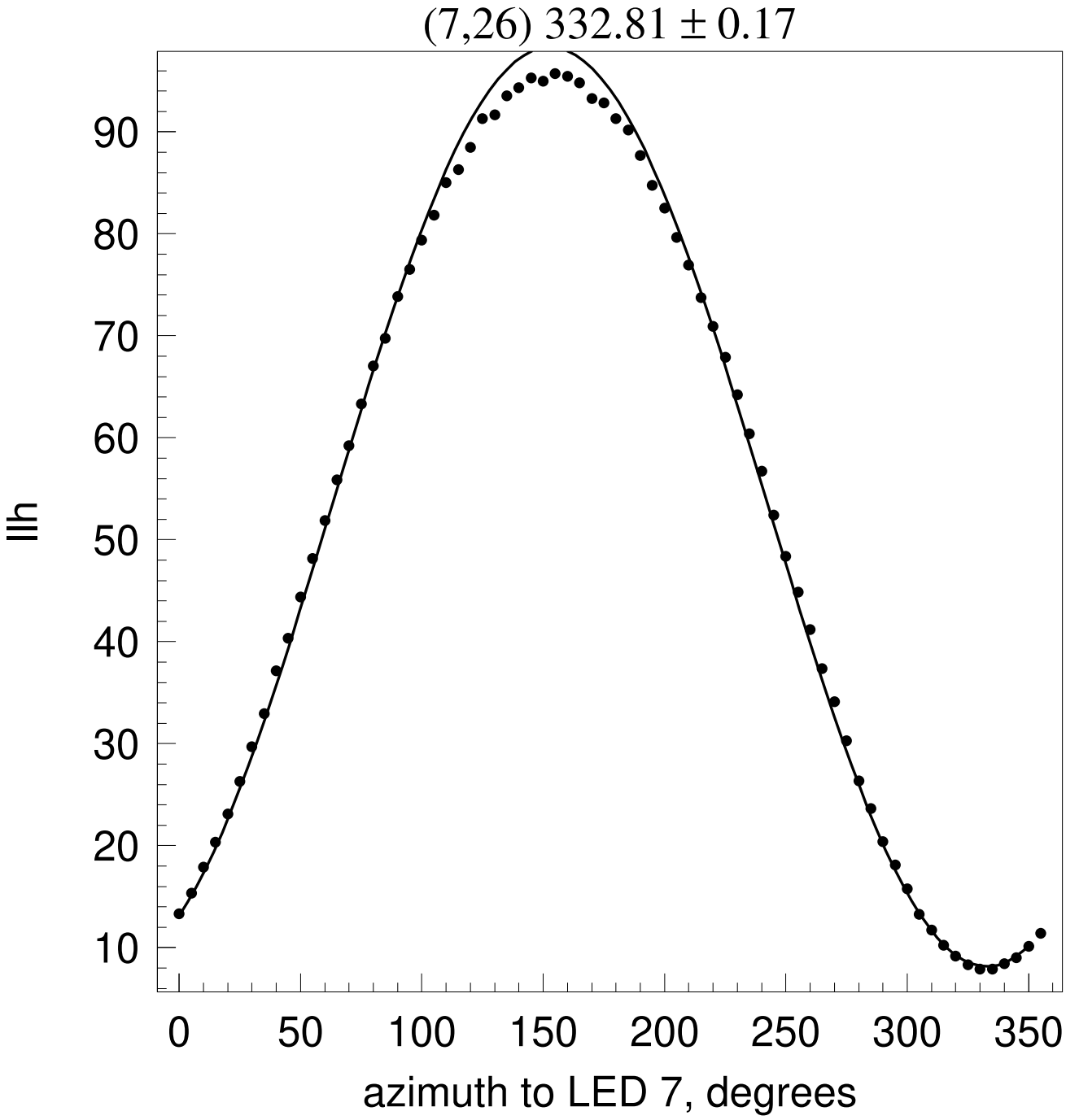

(7,21) 214.87 ± 0.25
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

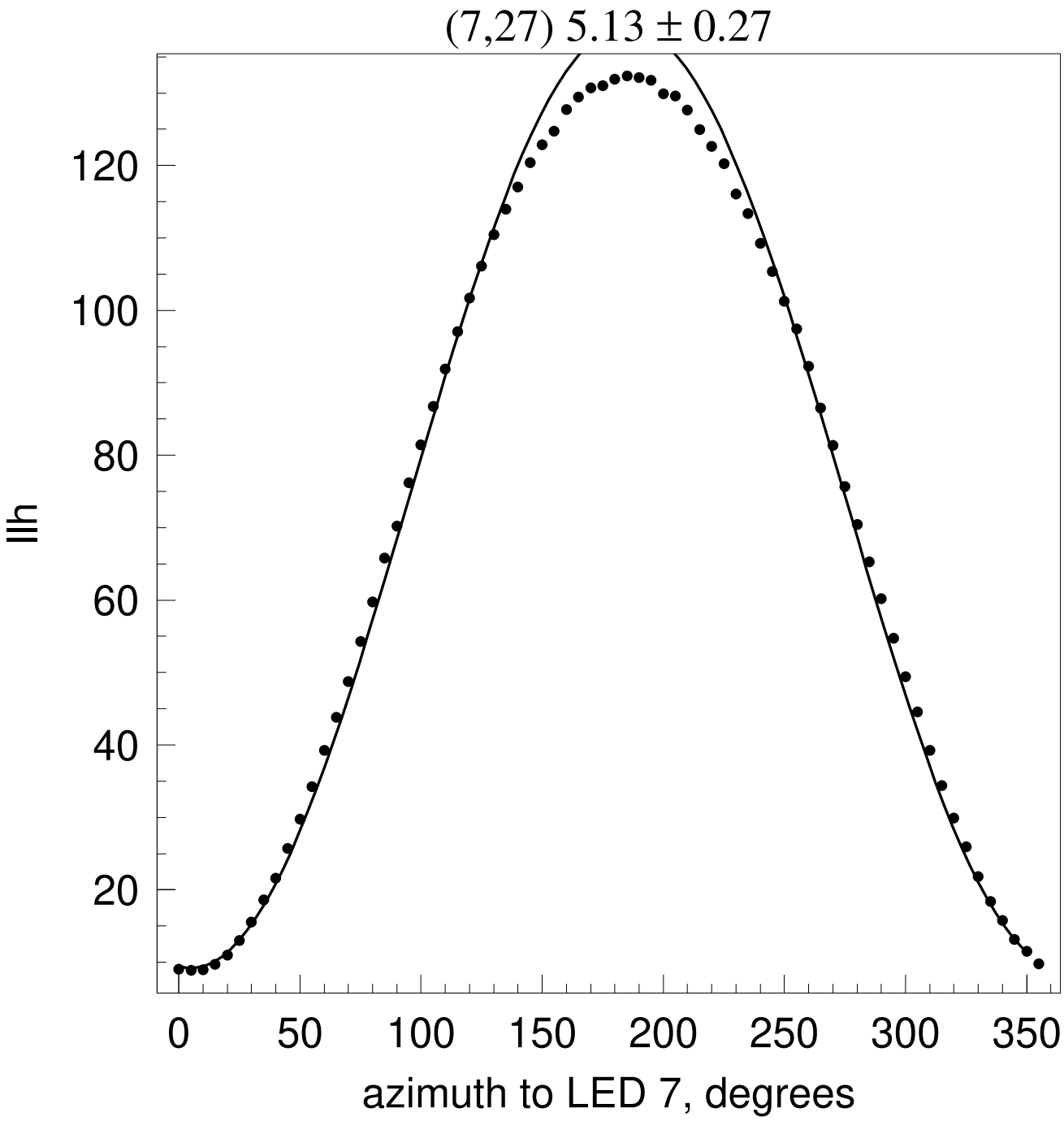

(7,22) 287.06 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

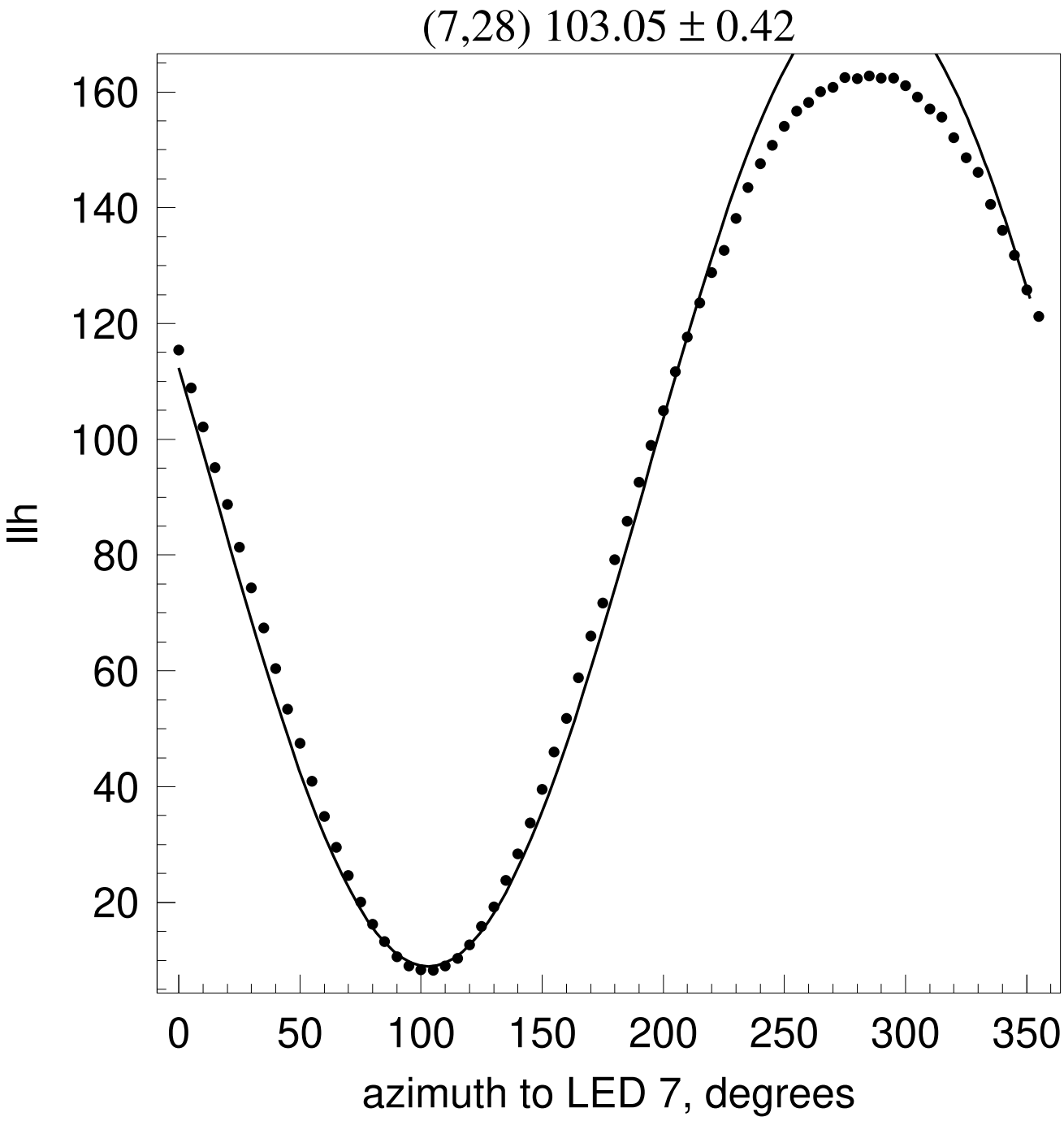

(7,23) 13.97 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

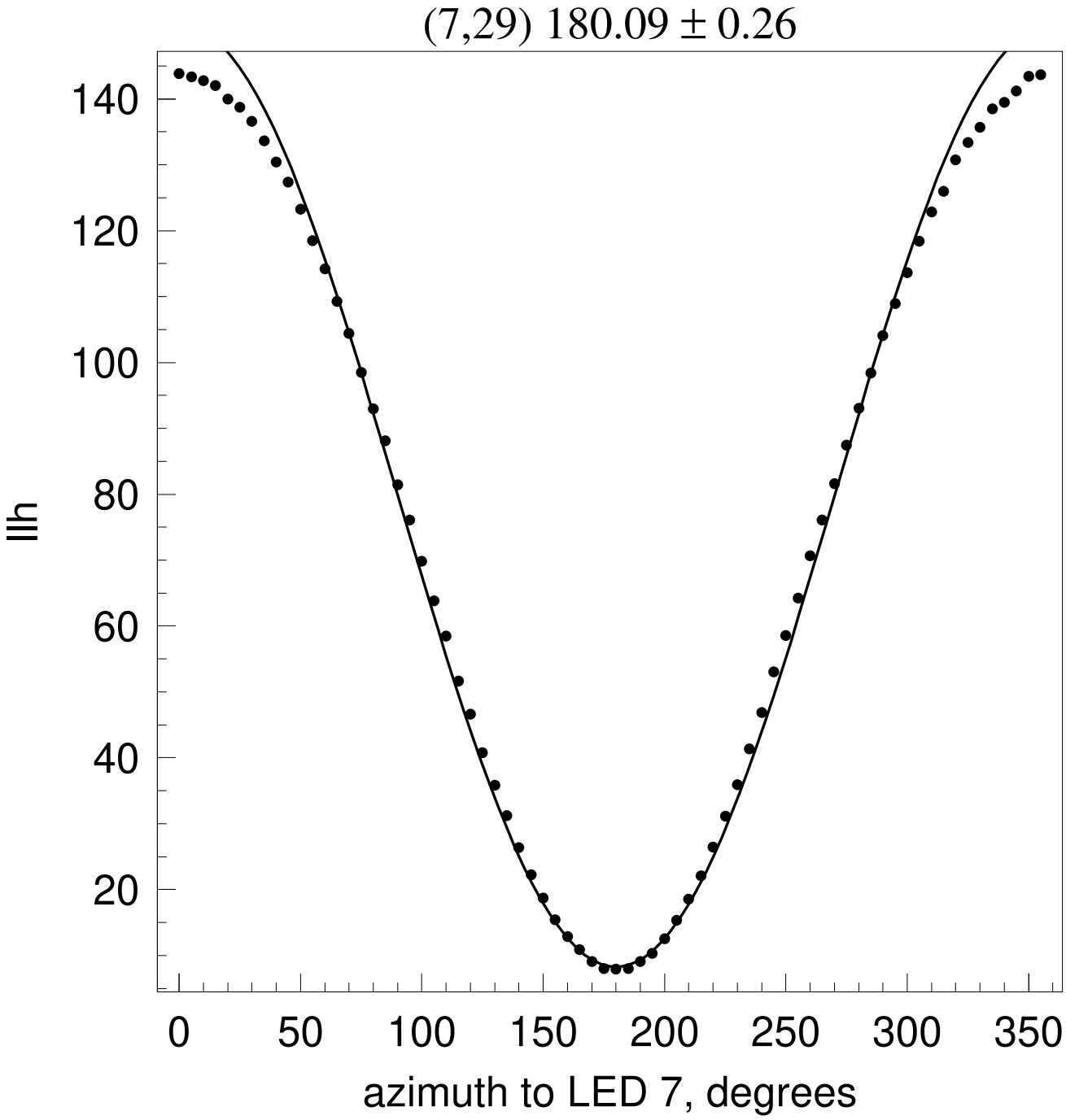

(7,24) 243.08 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

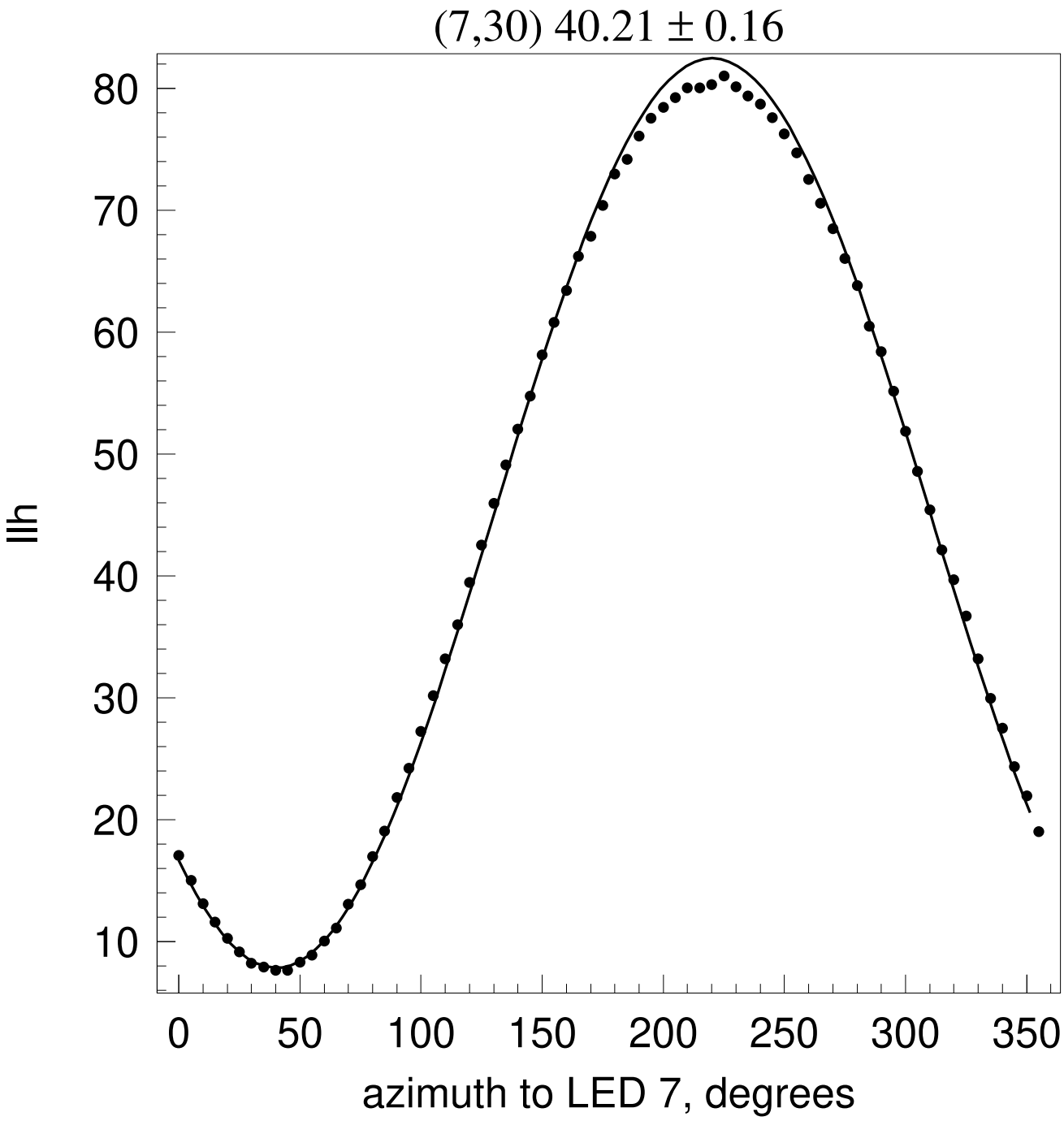

(7,25) 294.61 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

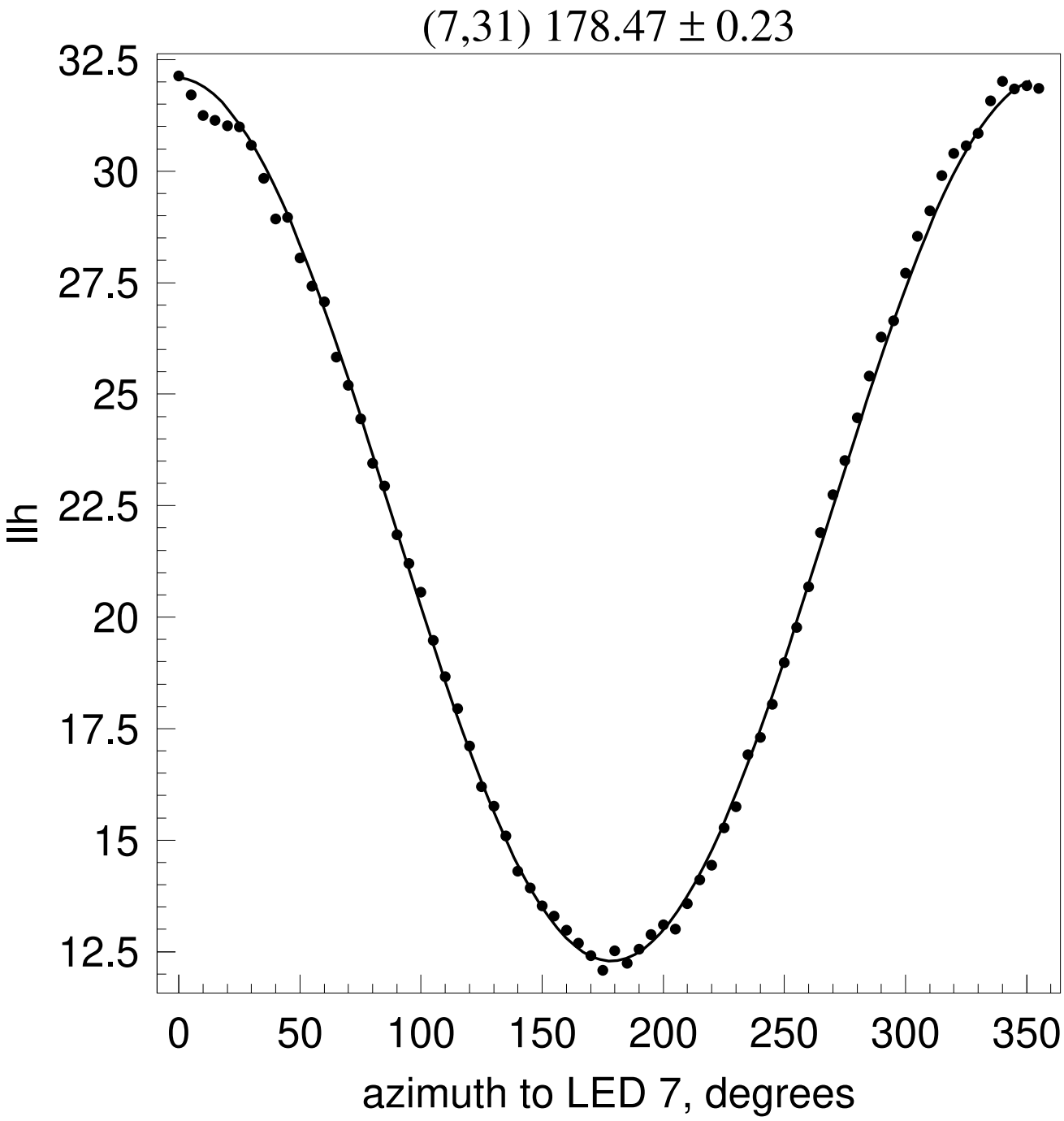

(7,26) 332.81 ± 0.17
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

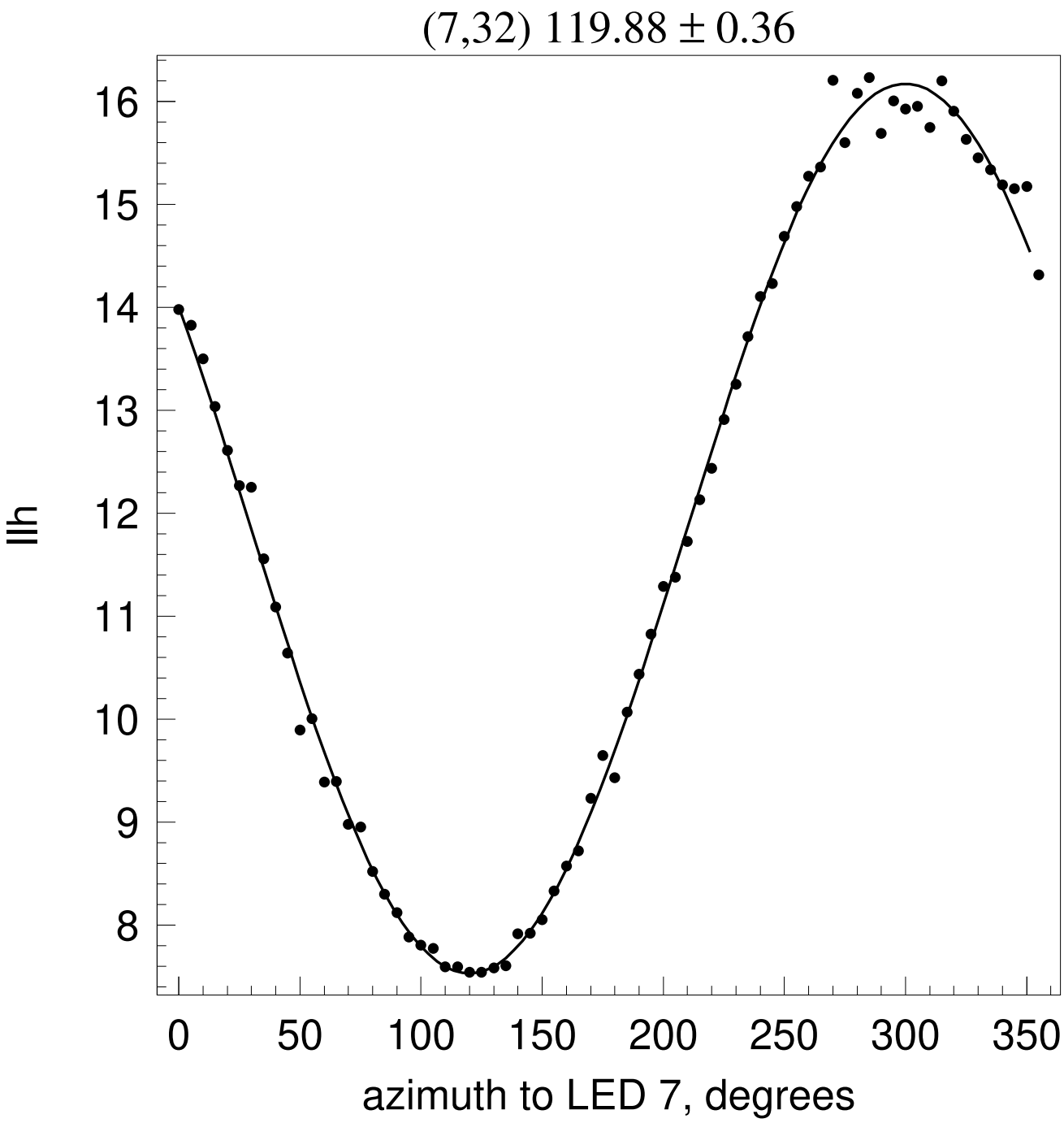

(7,27) 5.13 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

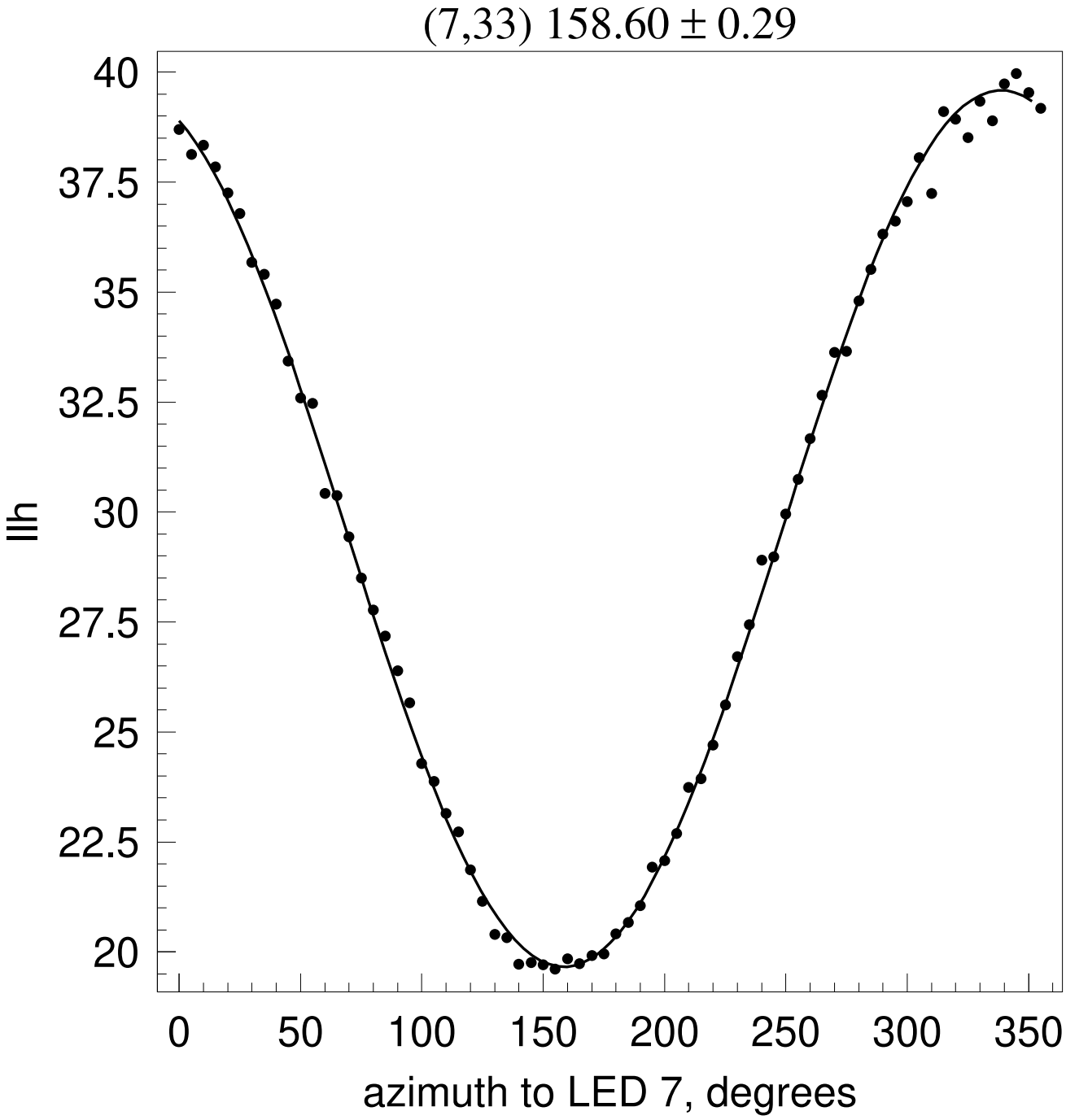

(7,28) 103.05 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

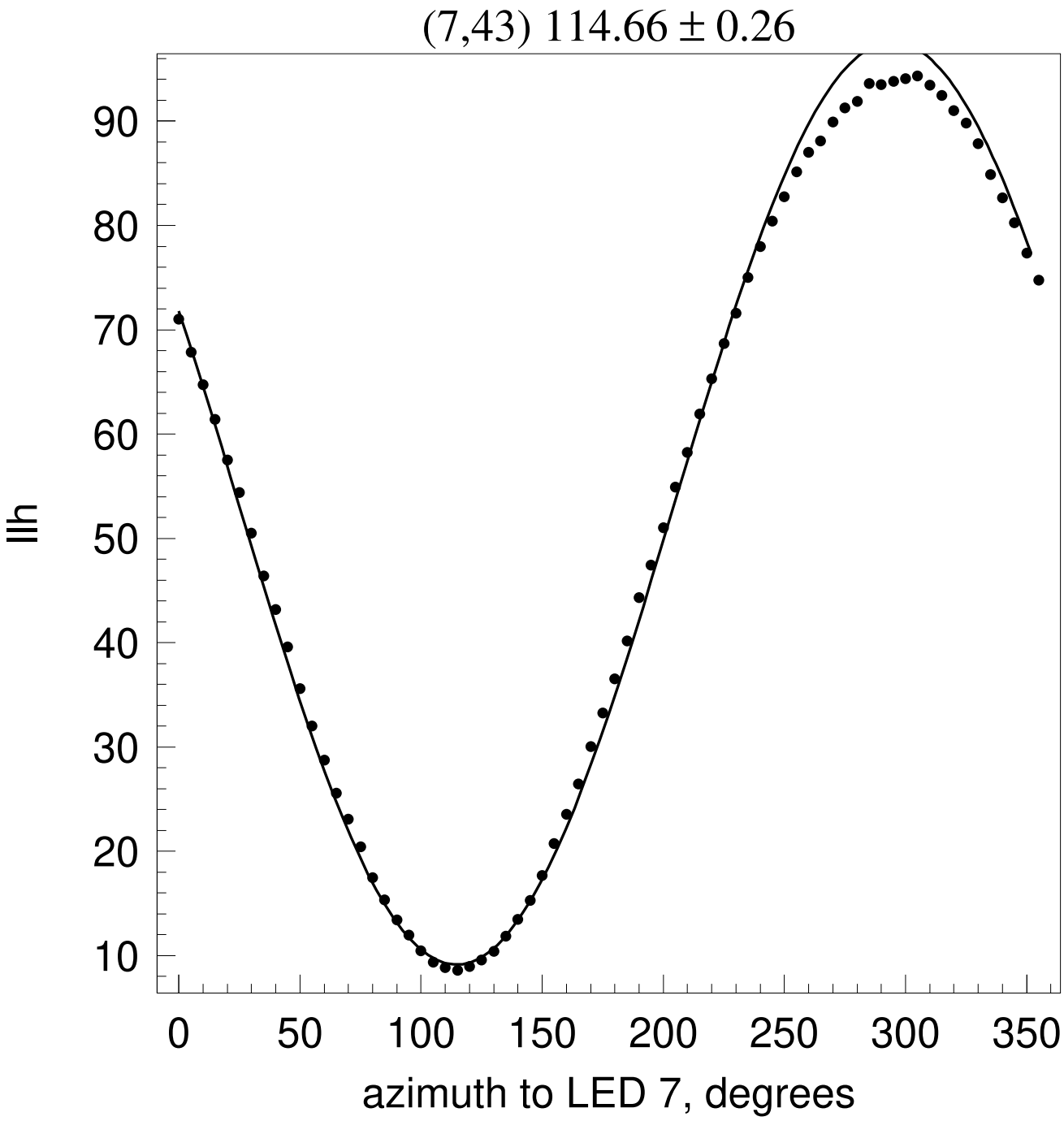

(7,29) 180.09 ± 0.26
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

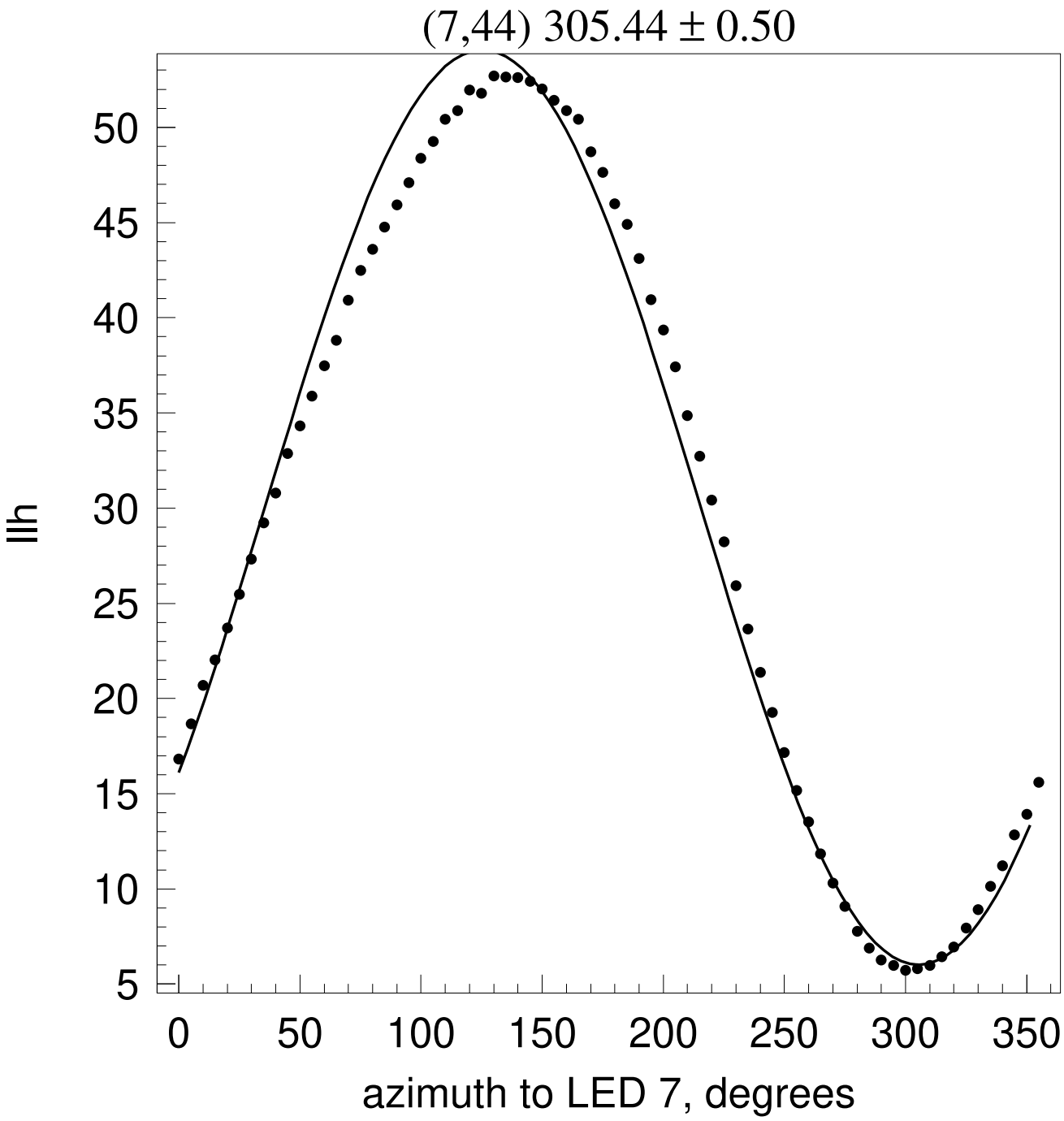

(7,30) 40.21 ± 0.16
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

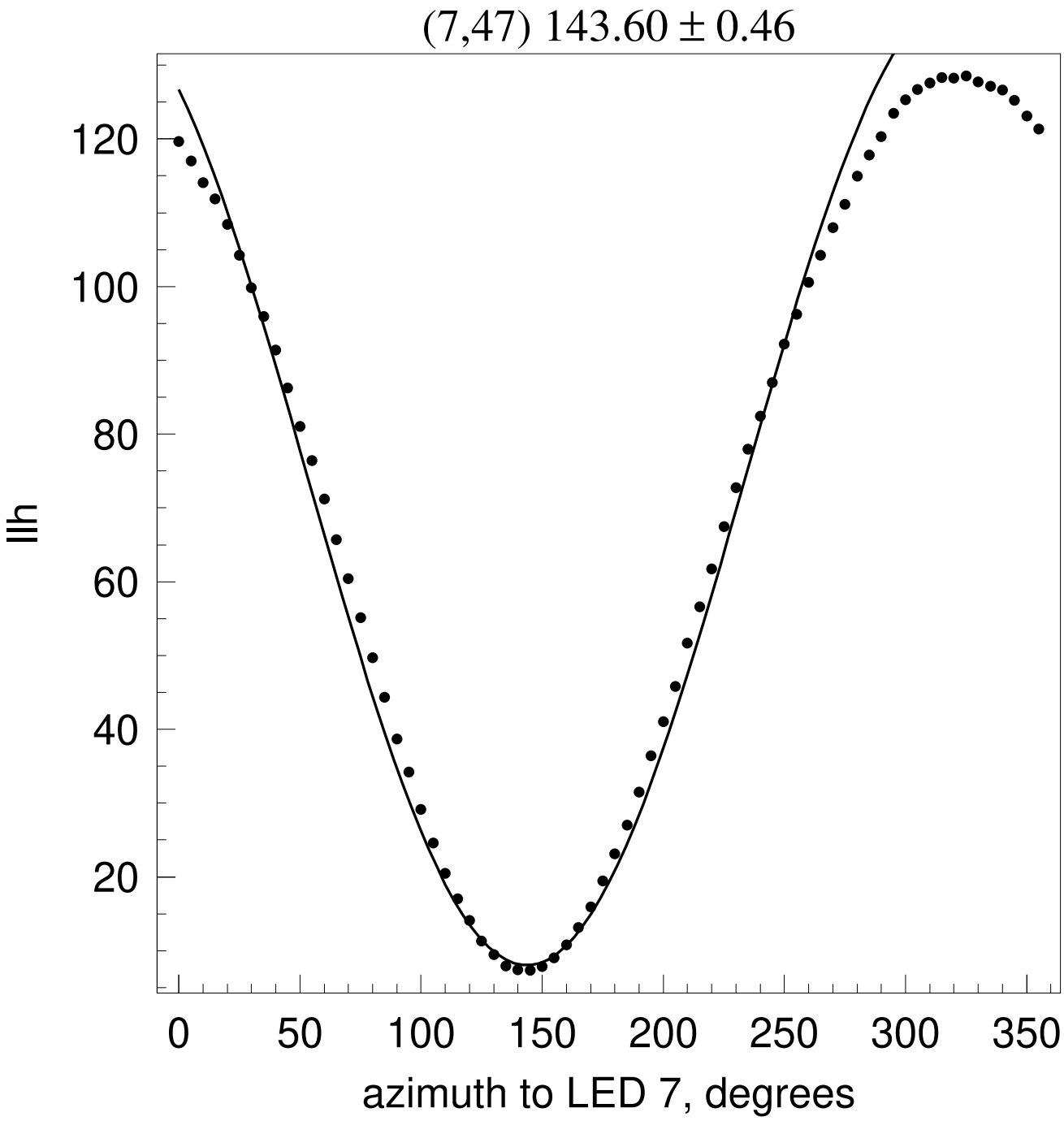

(7,31) 178.47 ± 0.23
32.5
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

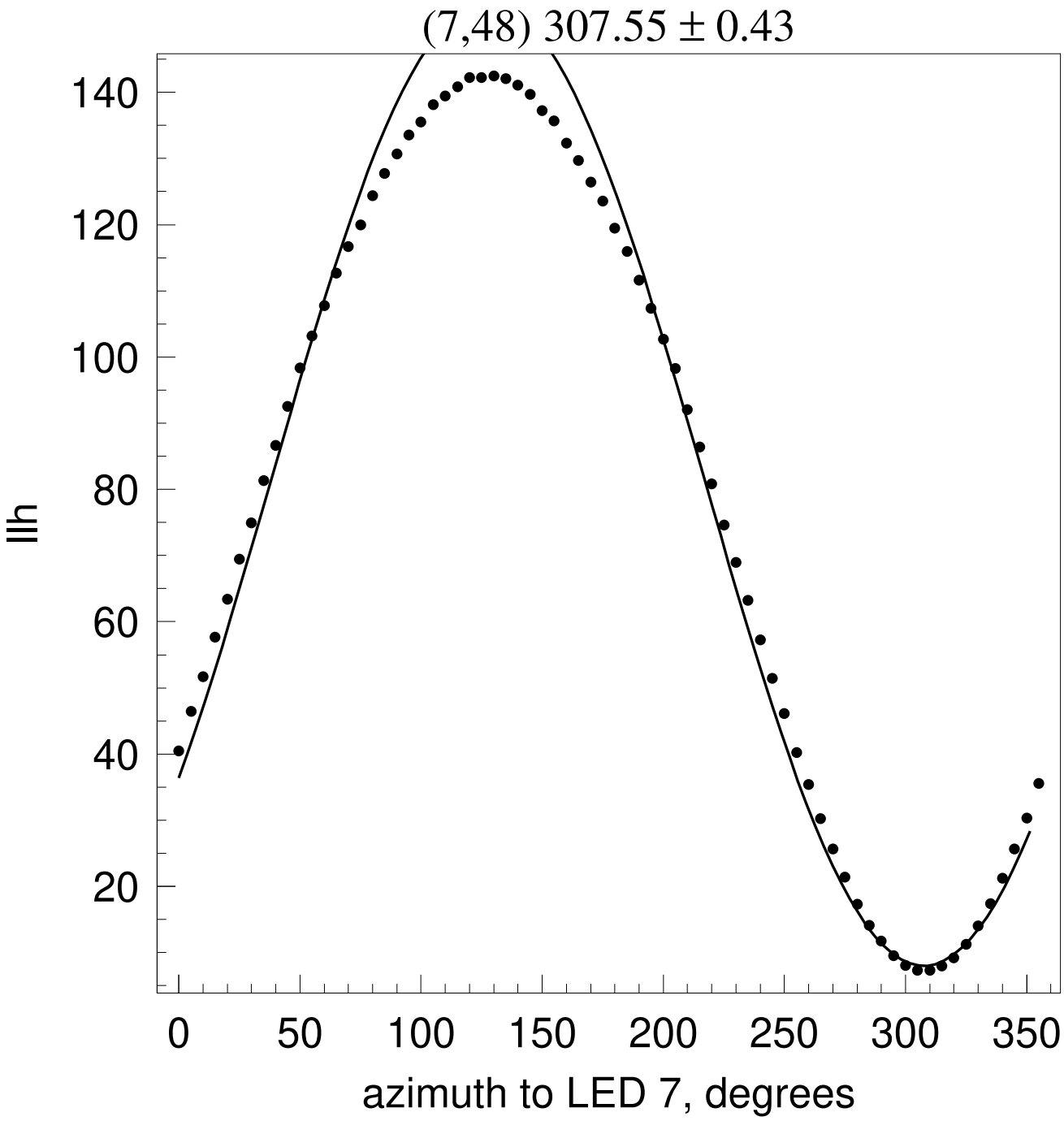

(7,32) 119.88 ± 0.36
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

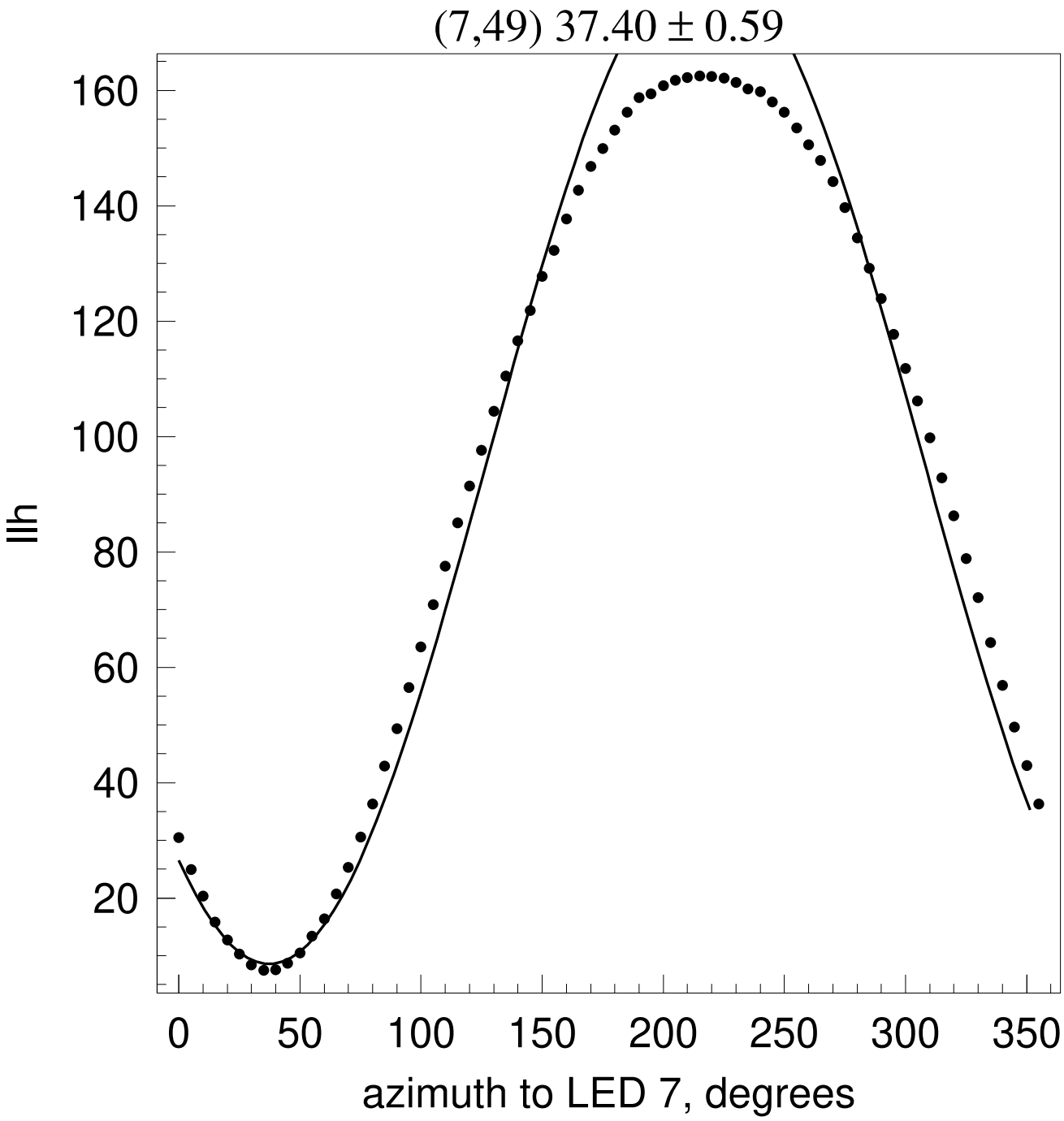

(7,33) 158.60 ± 0.29
40
37.5
35
32.5
30
27.5
25
22.5
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

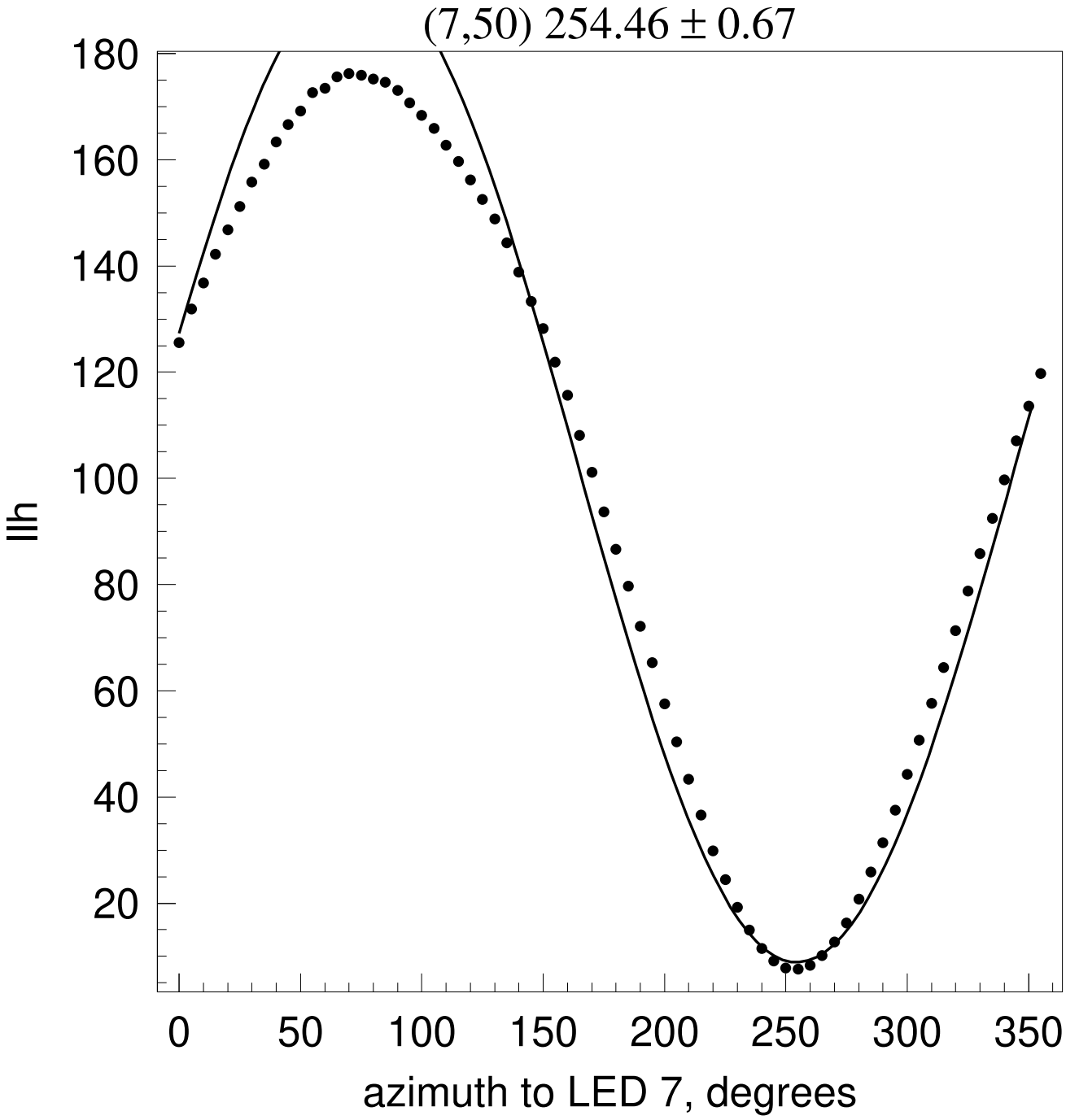

(7,43) 114.66 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

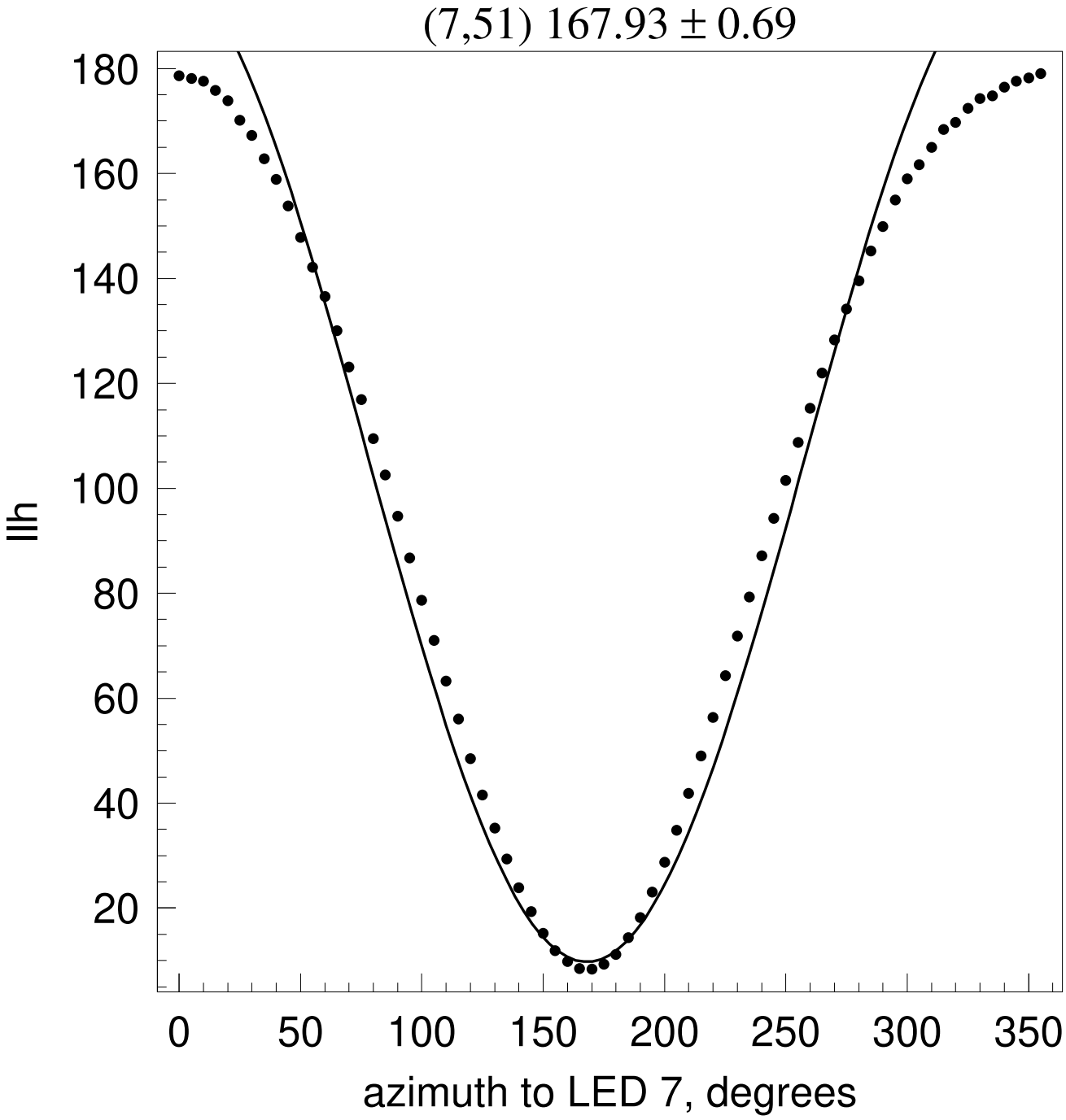

(7,44) 305.44 ± 0.50
50
45
40
35
30
25
20
15
10
5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

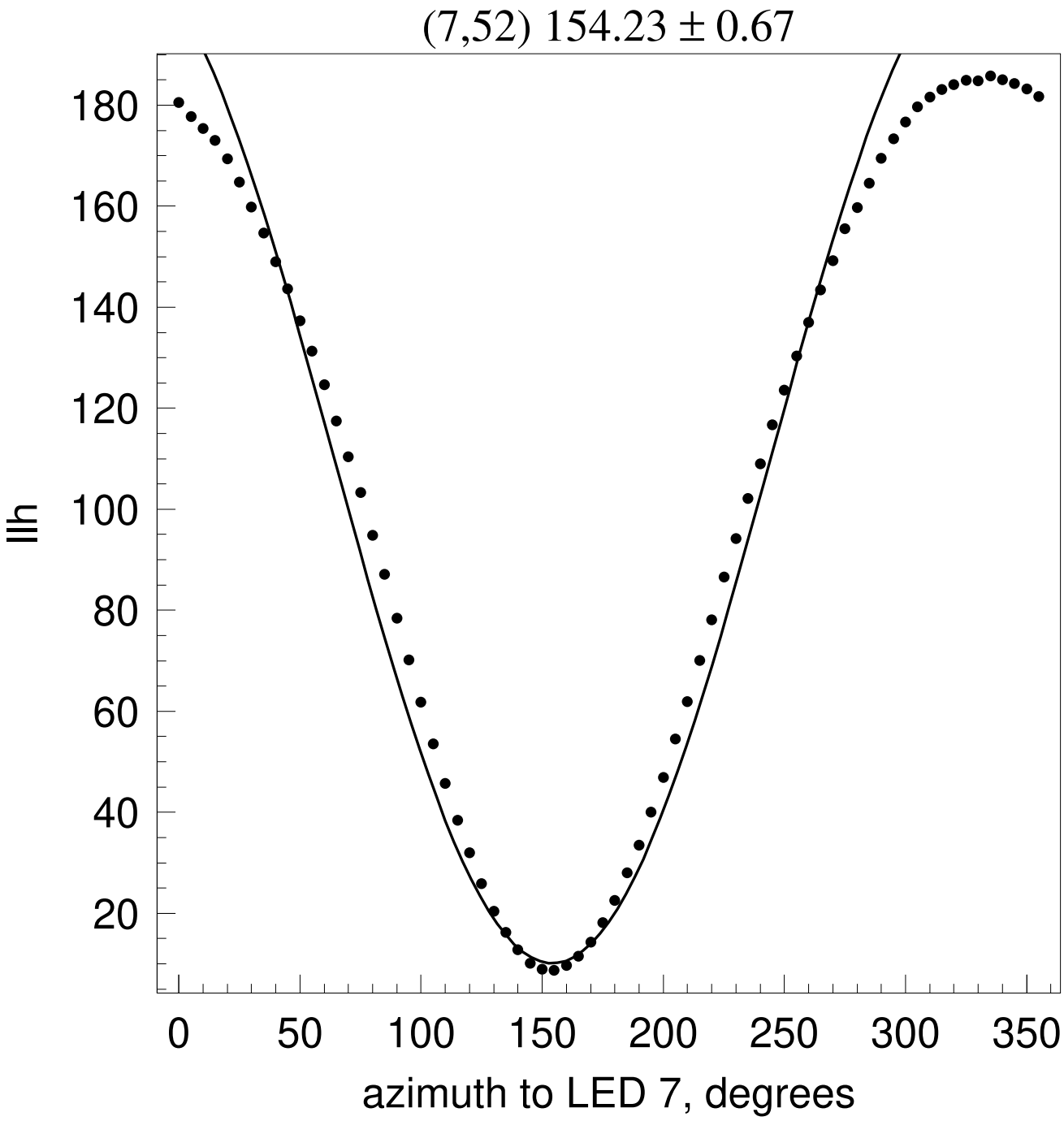

(7,47) 143.60 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

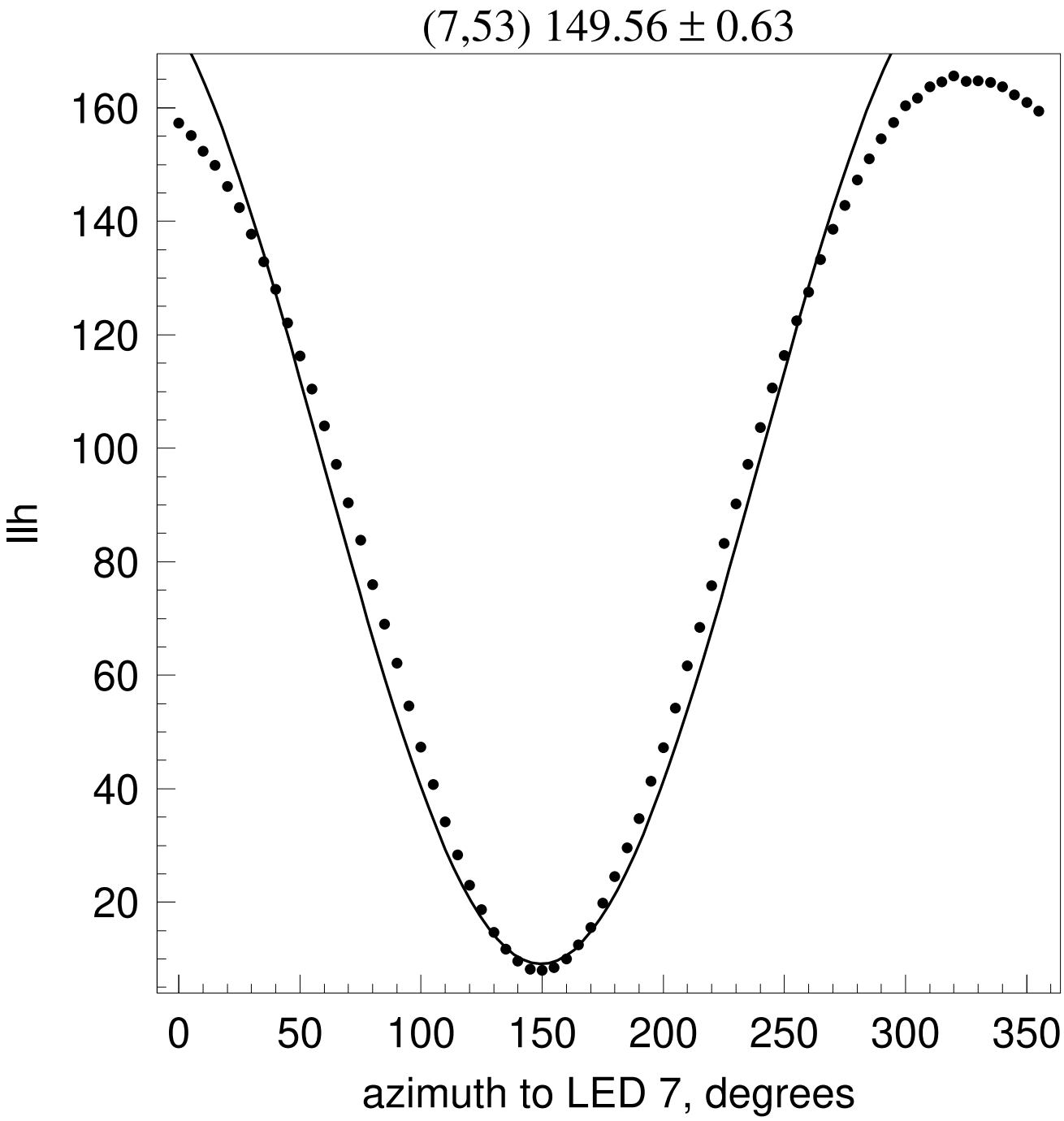

(7,48) 307.55 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

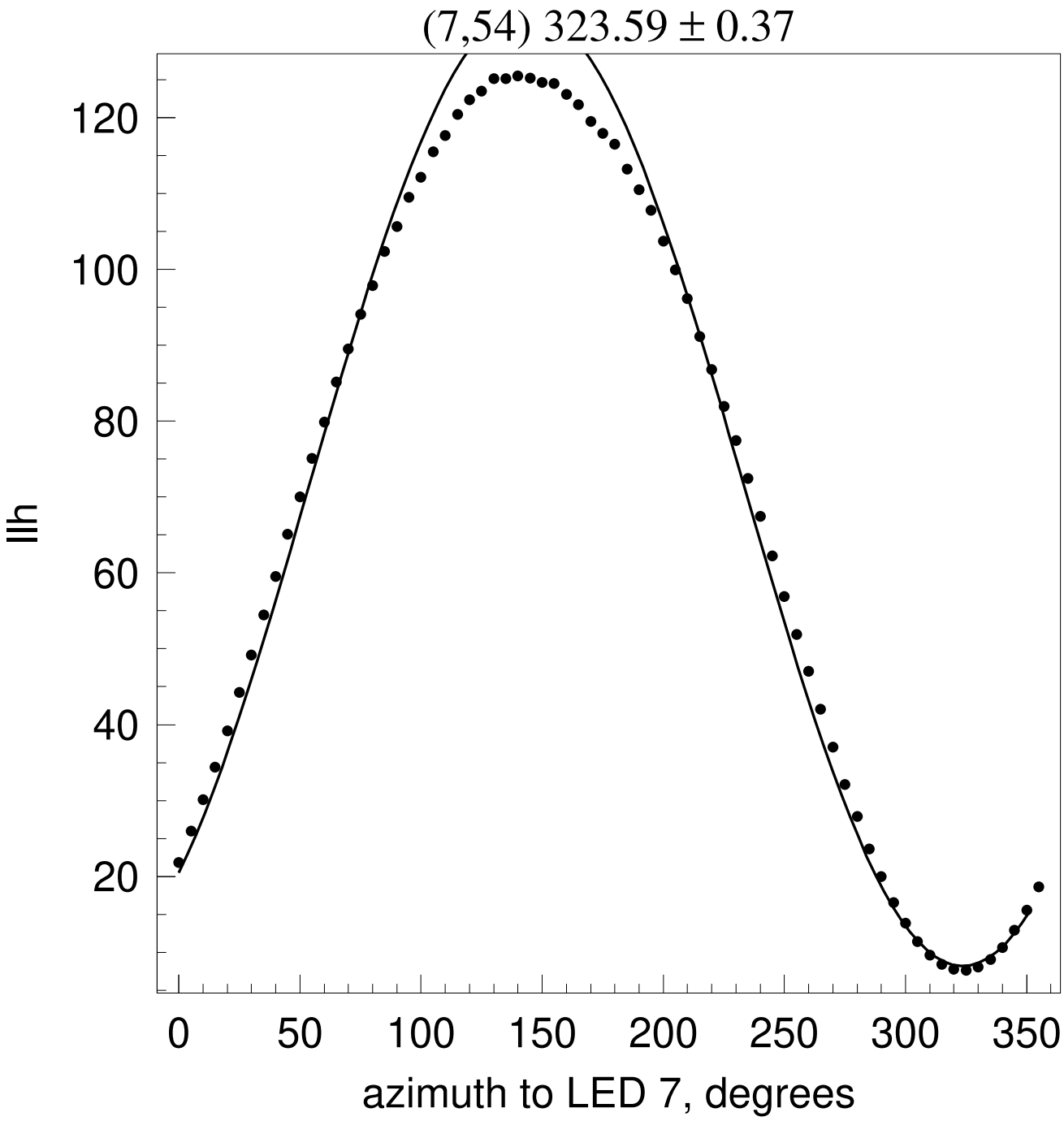

(7,49) 37.40 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

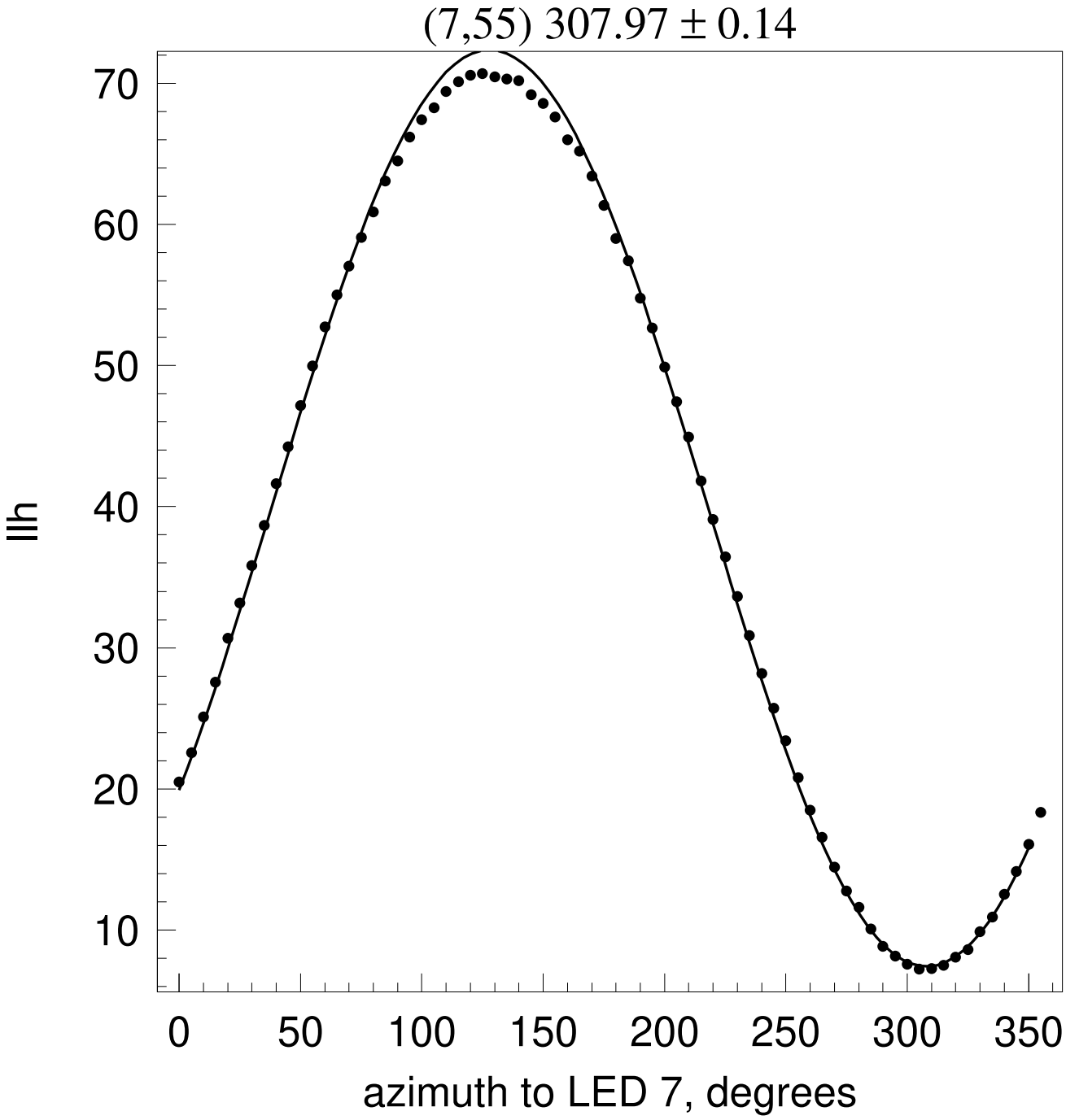

(7,50) 254.46 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

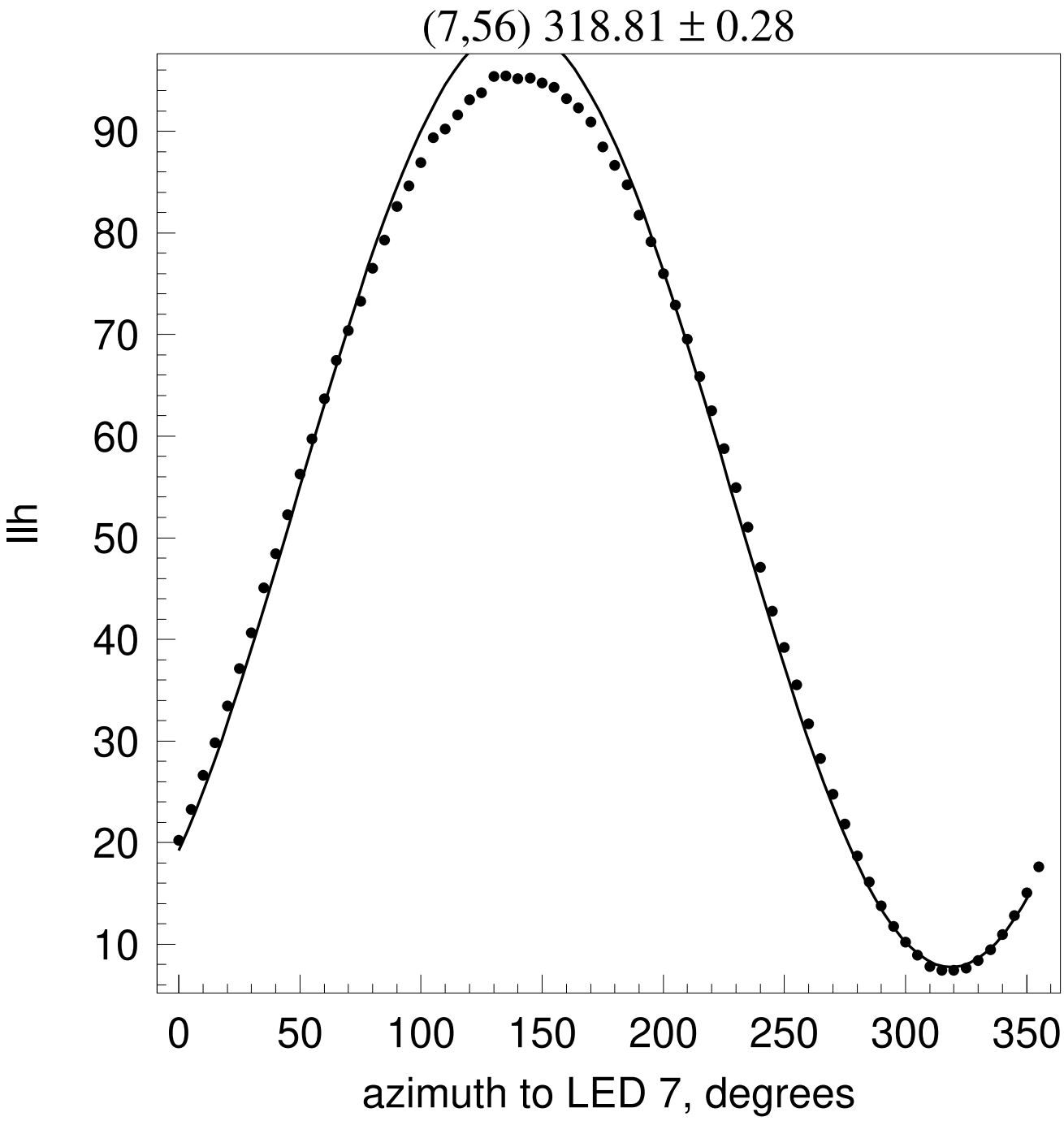

(7,51) 167.93 ± 0.69
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

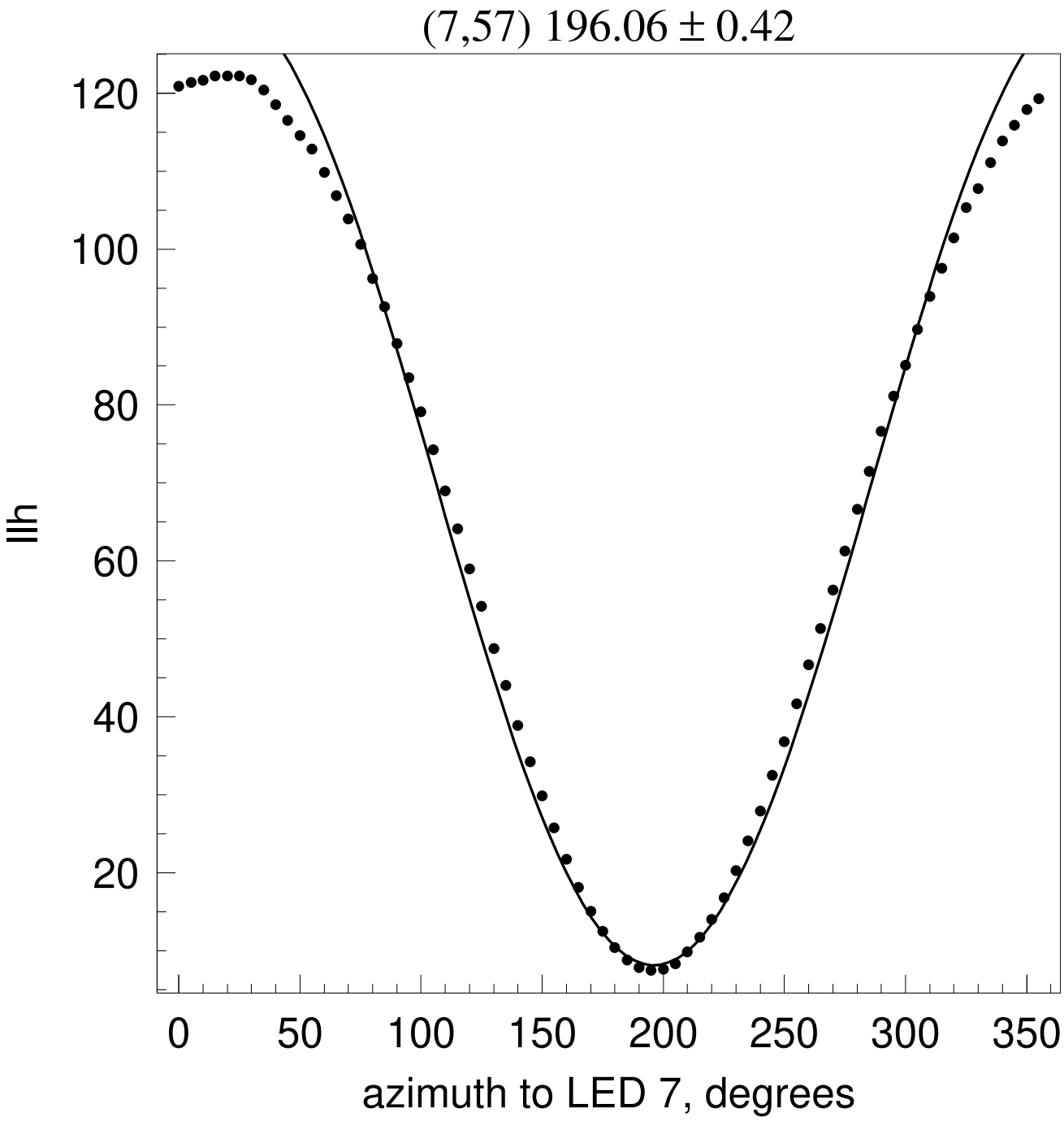

(7,52) 154.23 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

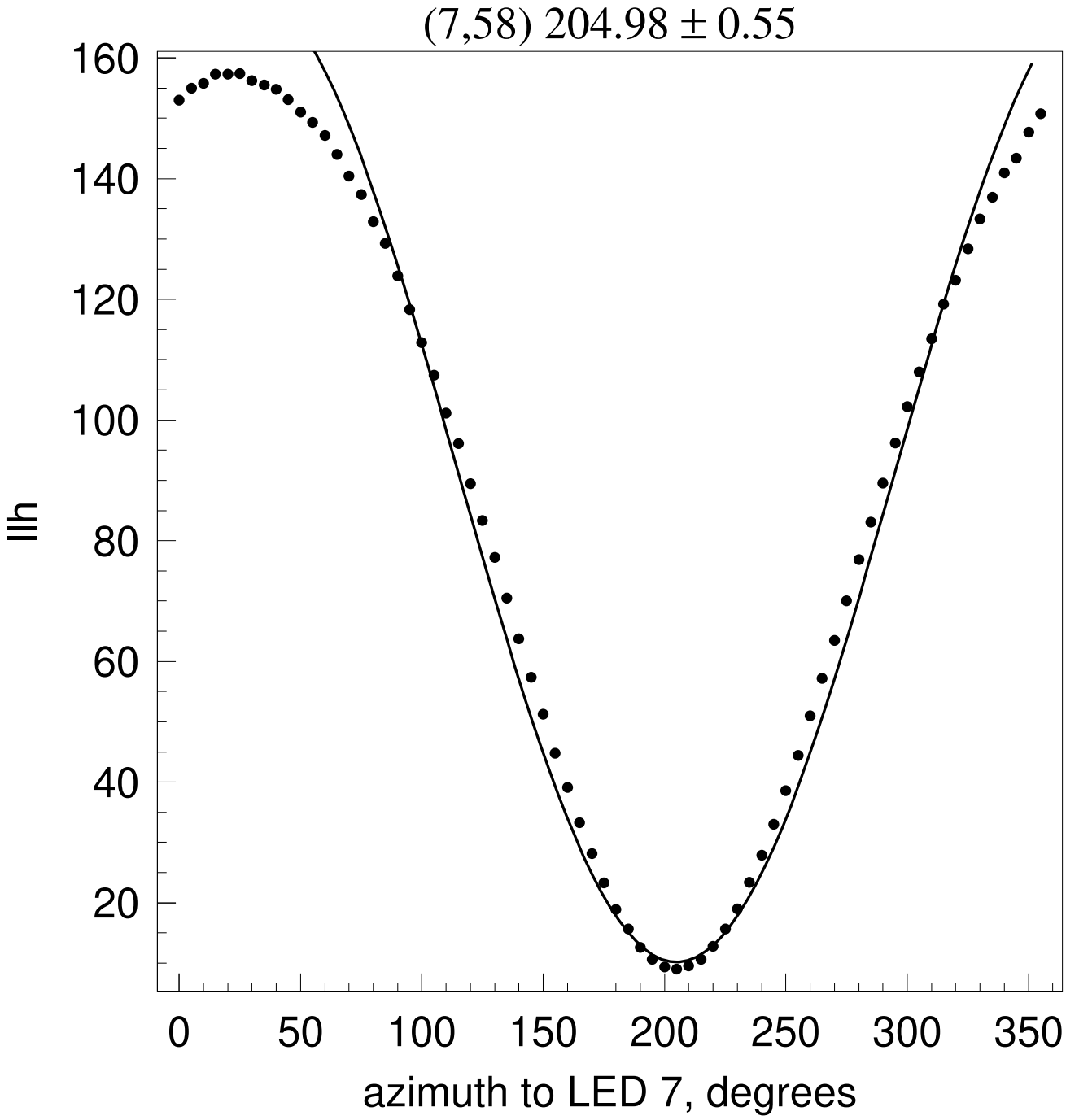

(7,53) 149.56 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

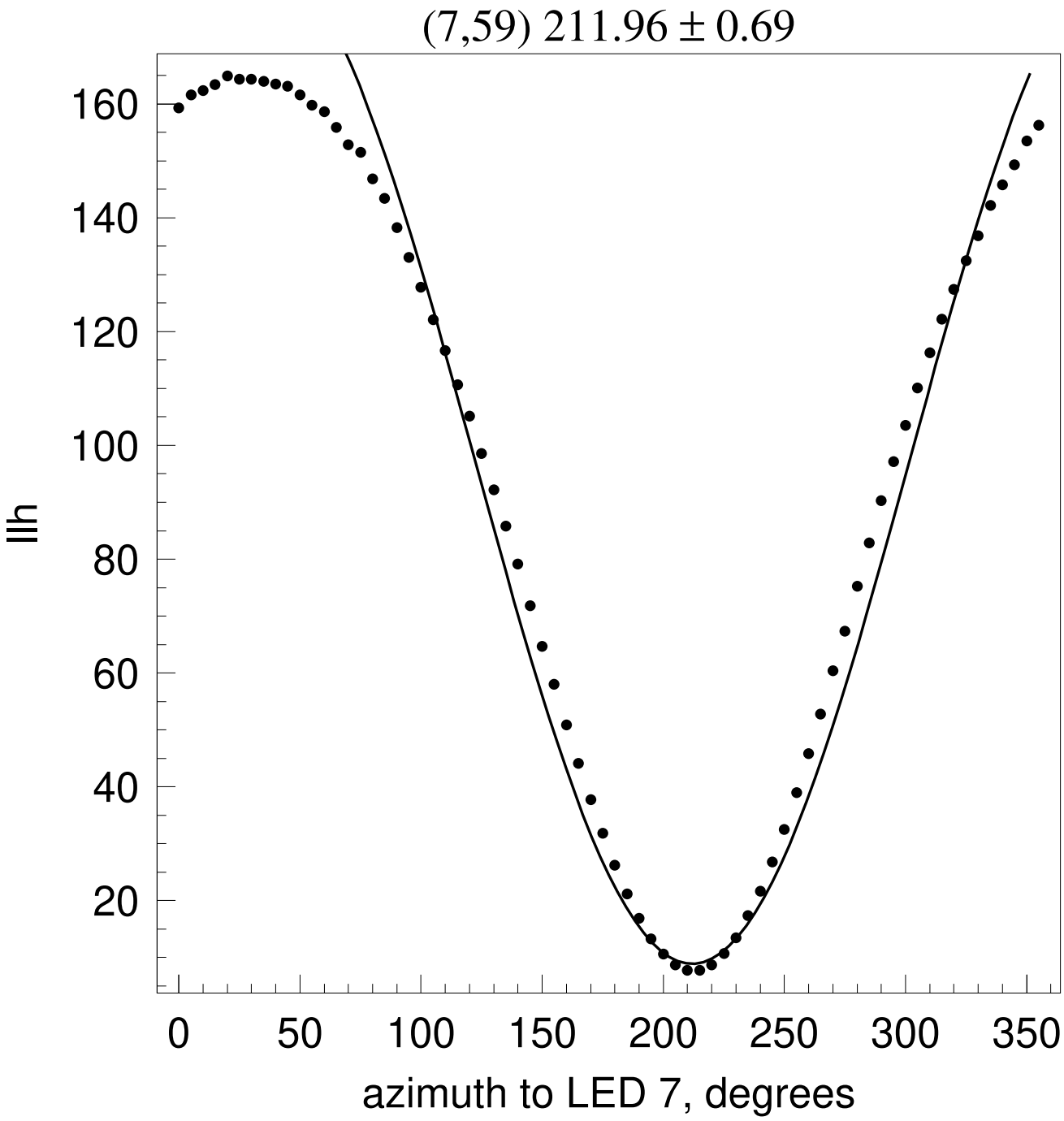

(7,54) 323.59 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

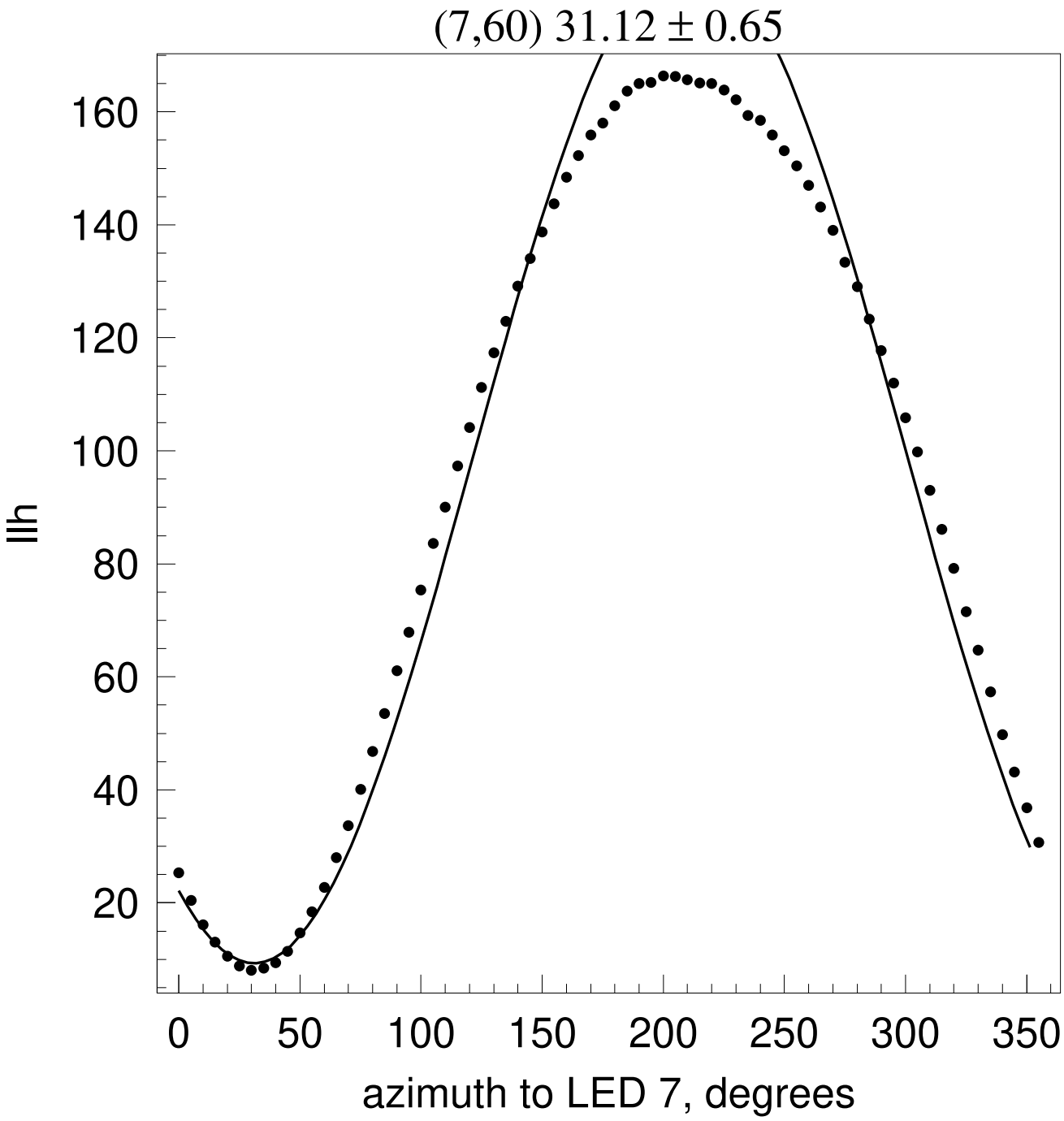

(7,55) 307.97 ± 0.14
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

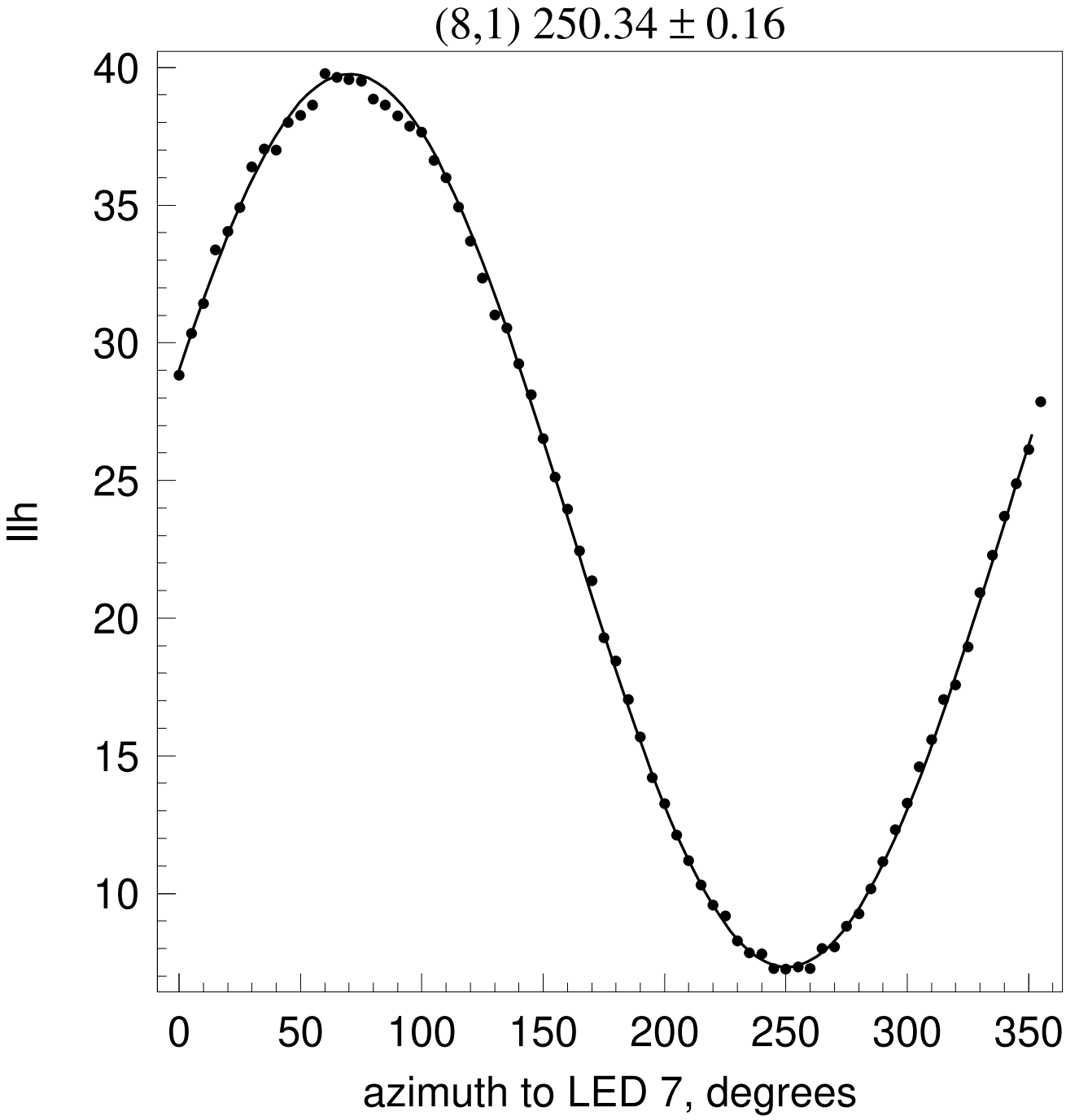

(7,56) 318.81 ± 0.28
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

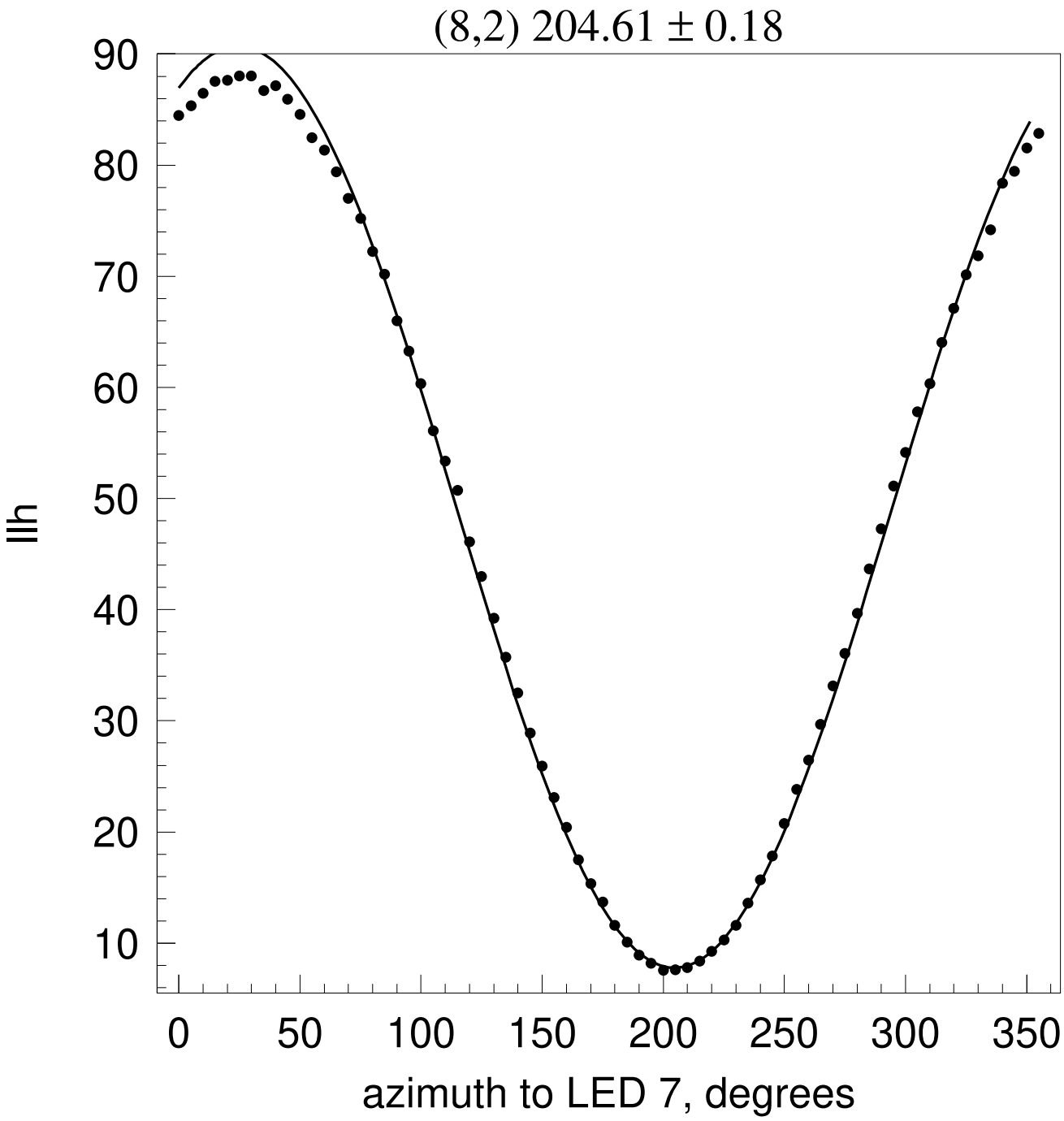

(7,57) 196.06 ± 0.42
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

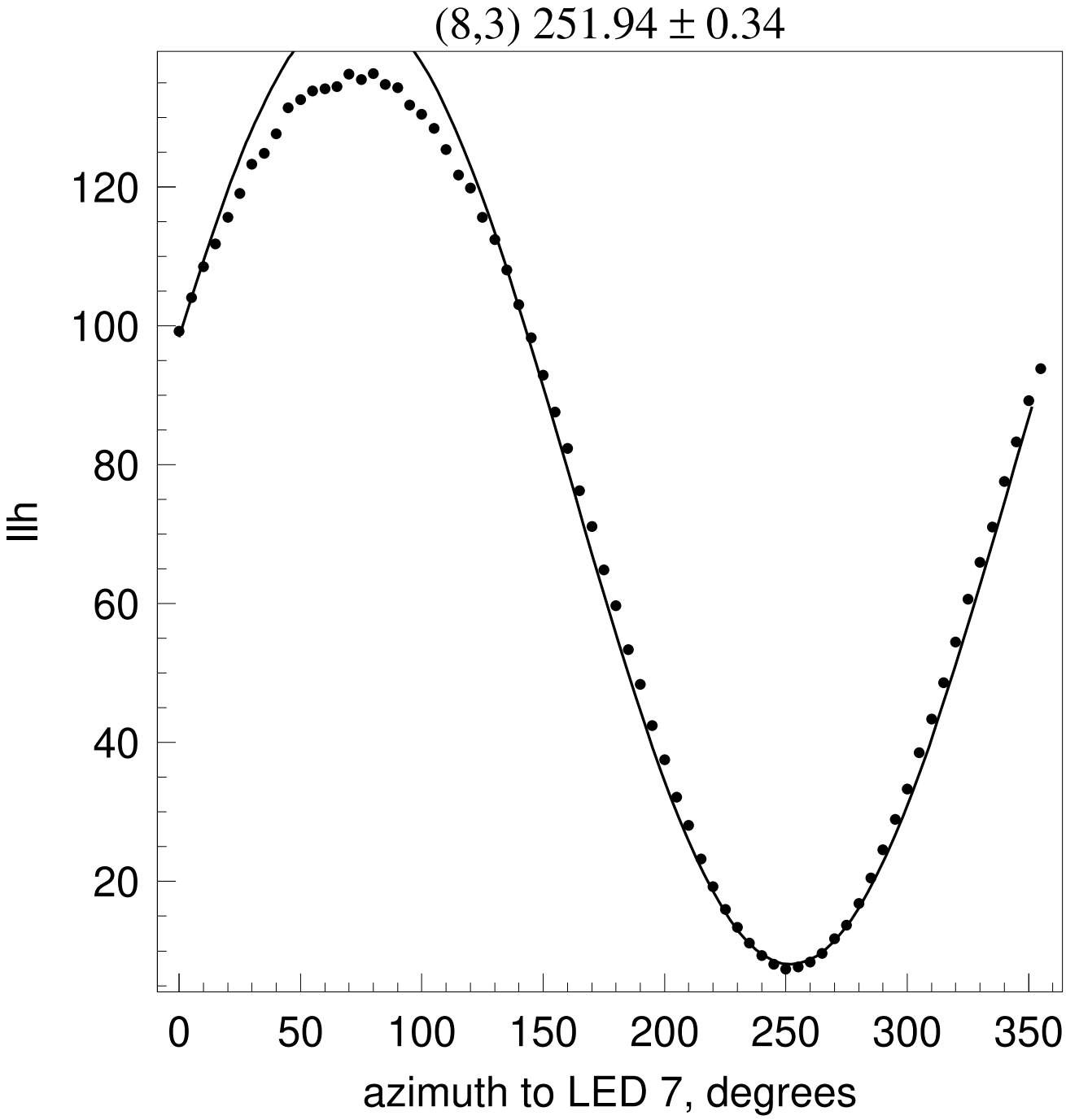

(7,58) 204.98 ± 0.55
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

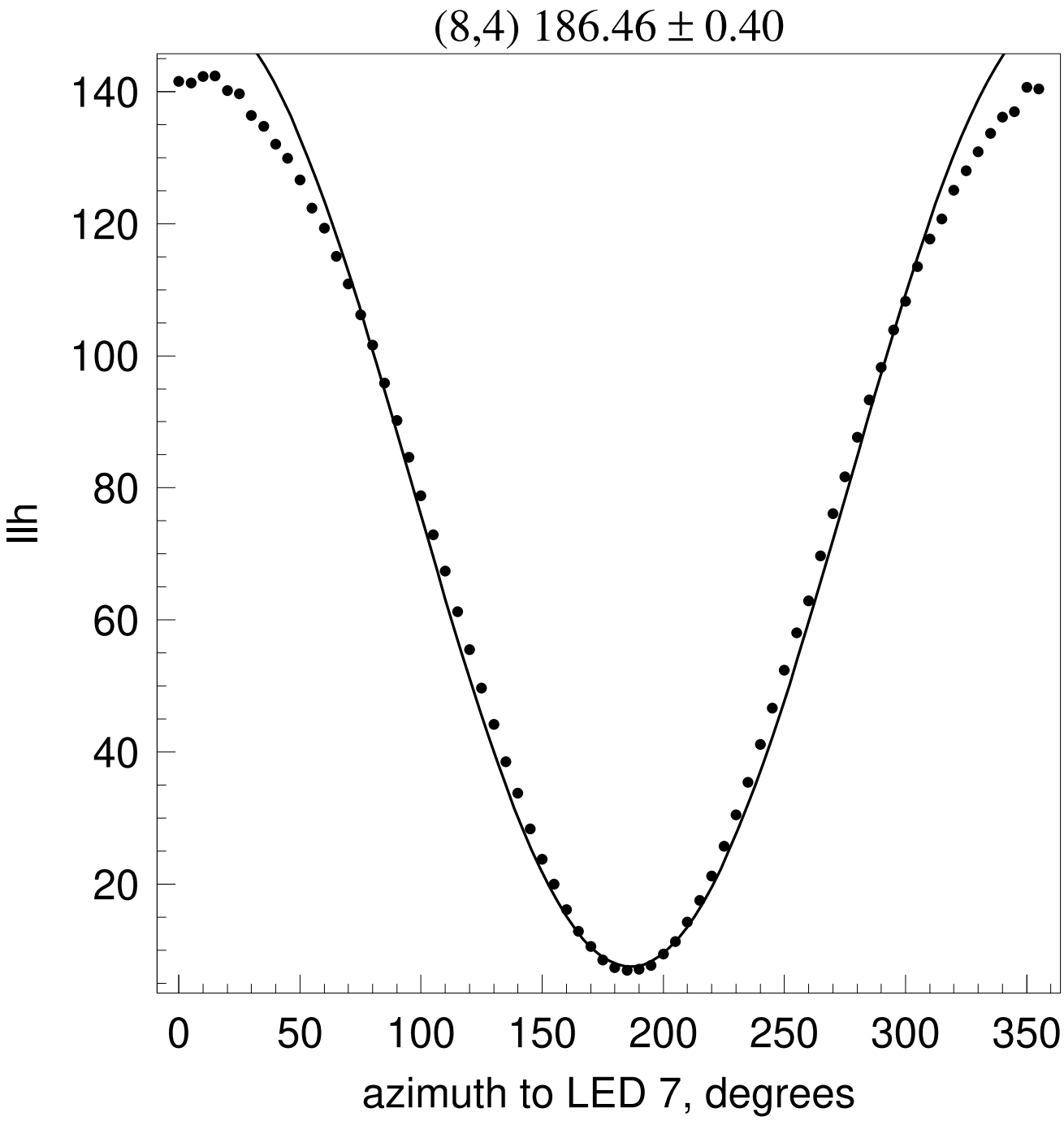

(7,59) 211.96 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

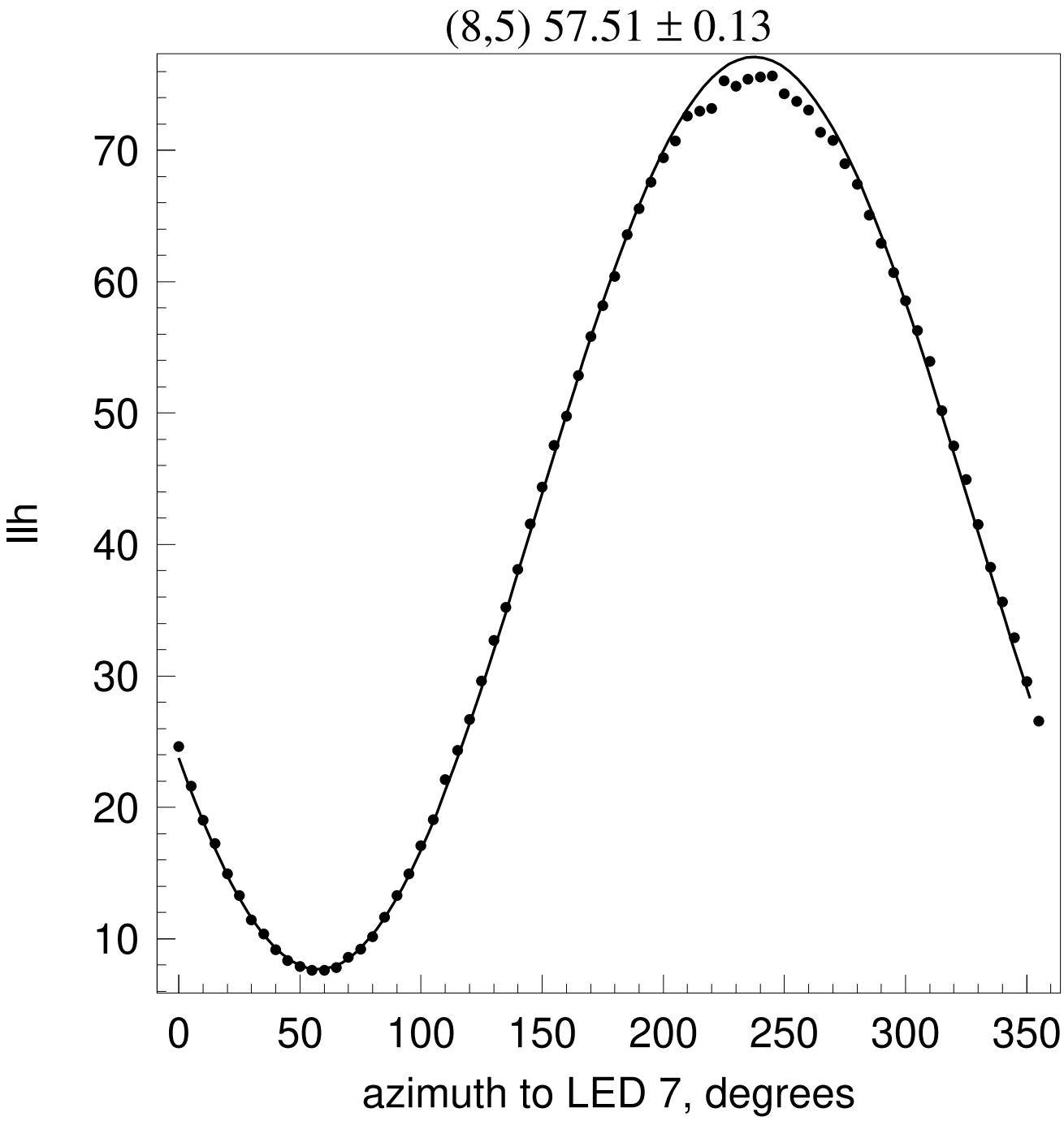

(7,60) 31.12 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

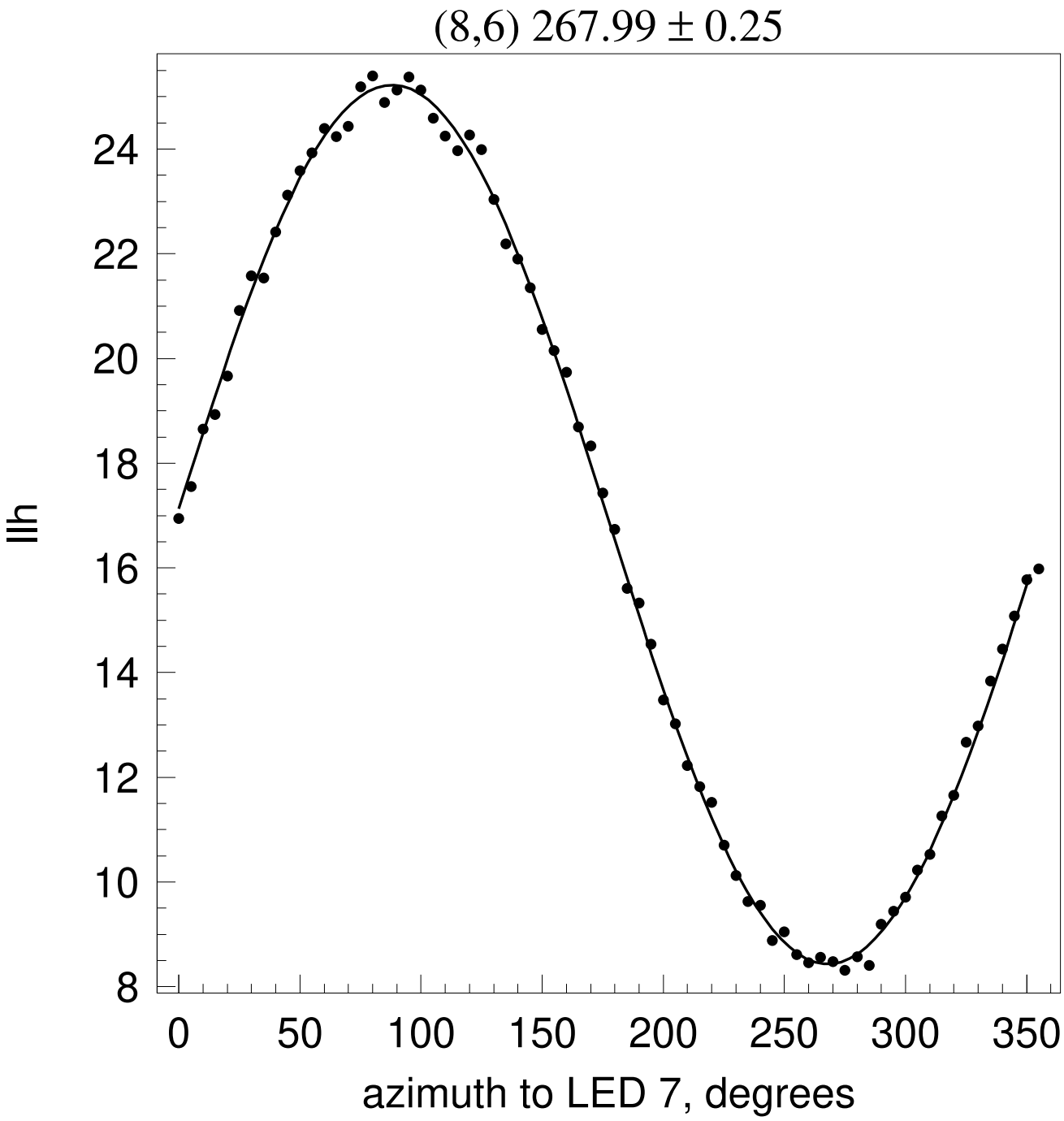

(8,1) 250.34 ± 0.16
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

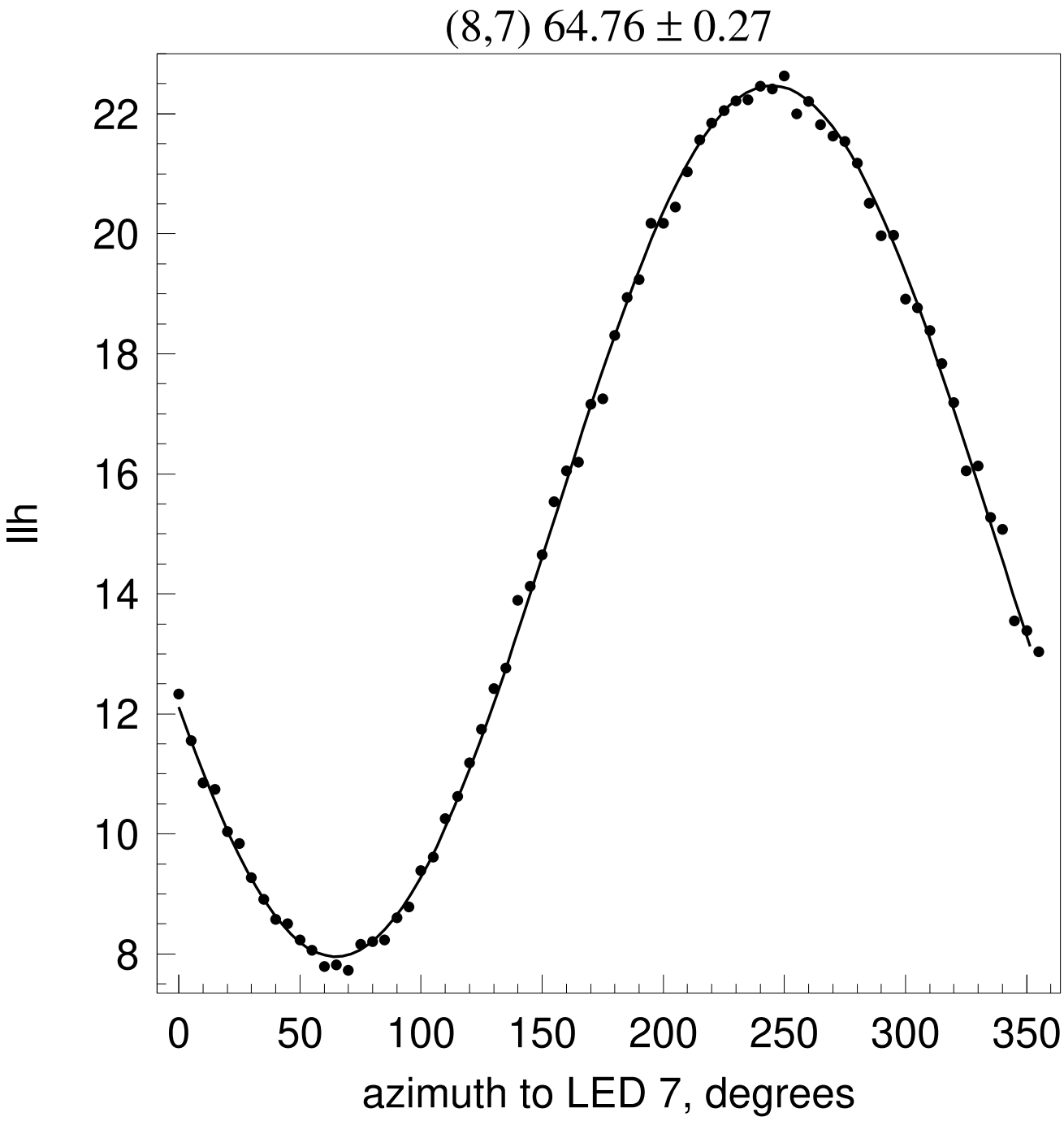

(8,2) 204.61 ± 0.18
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

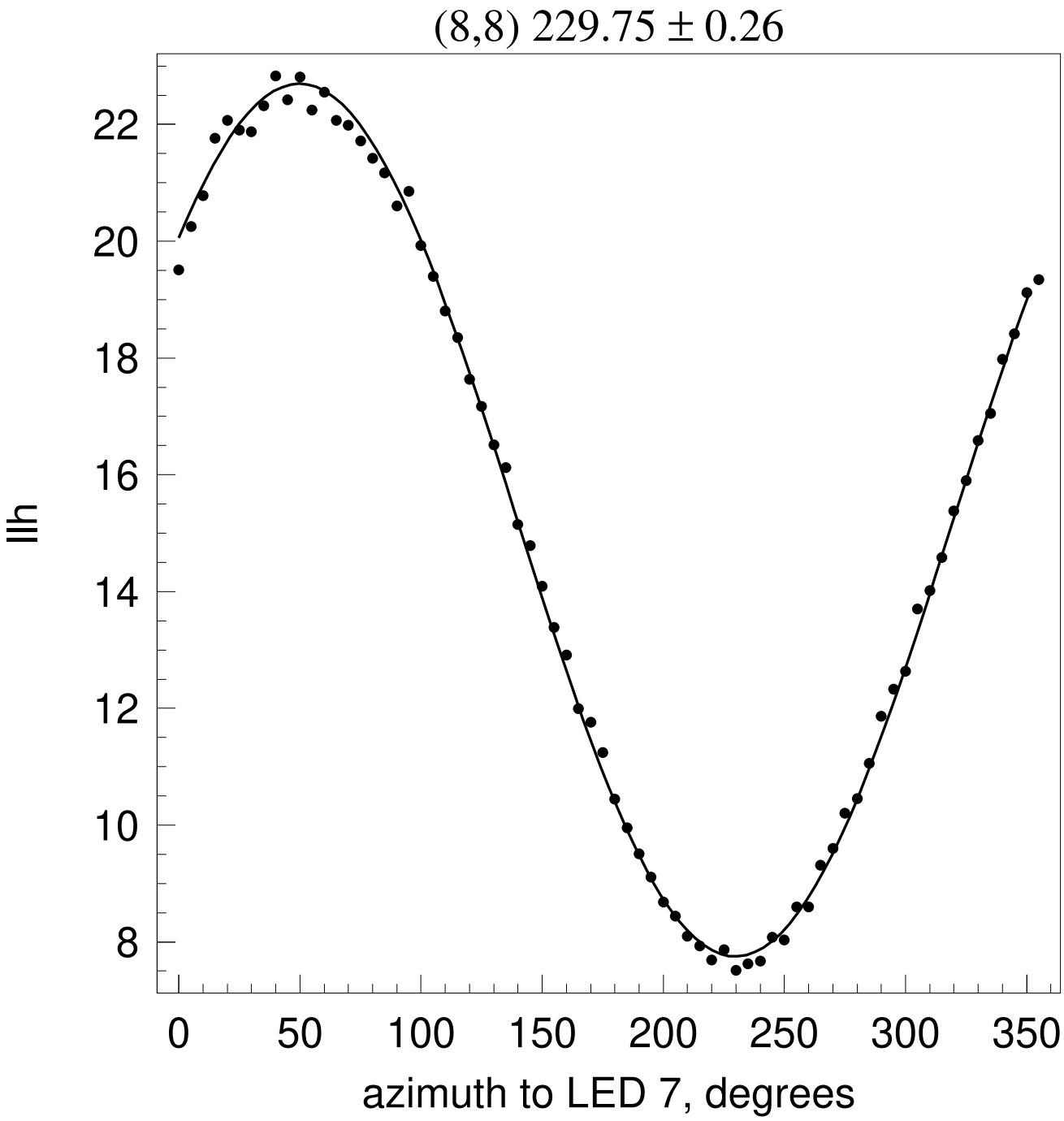

(8,3) 251.94 ± 0.34
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

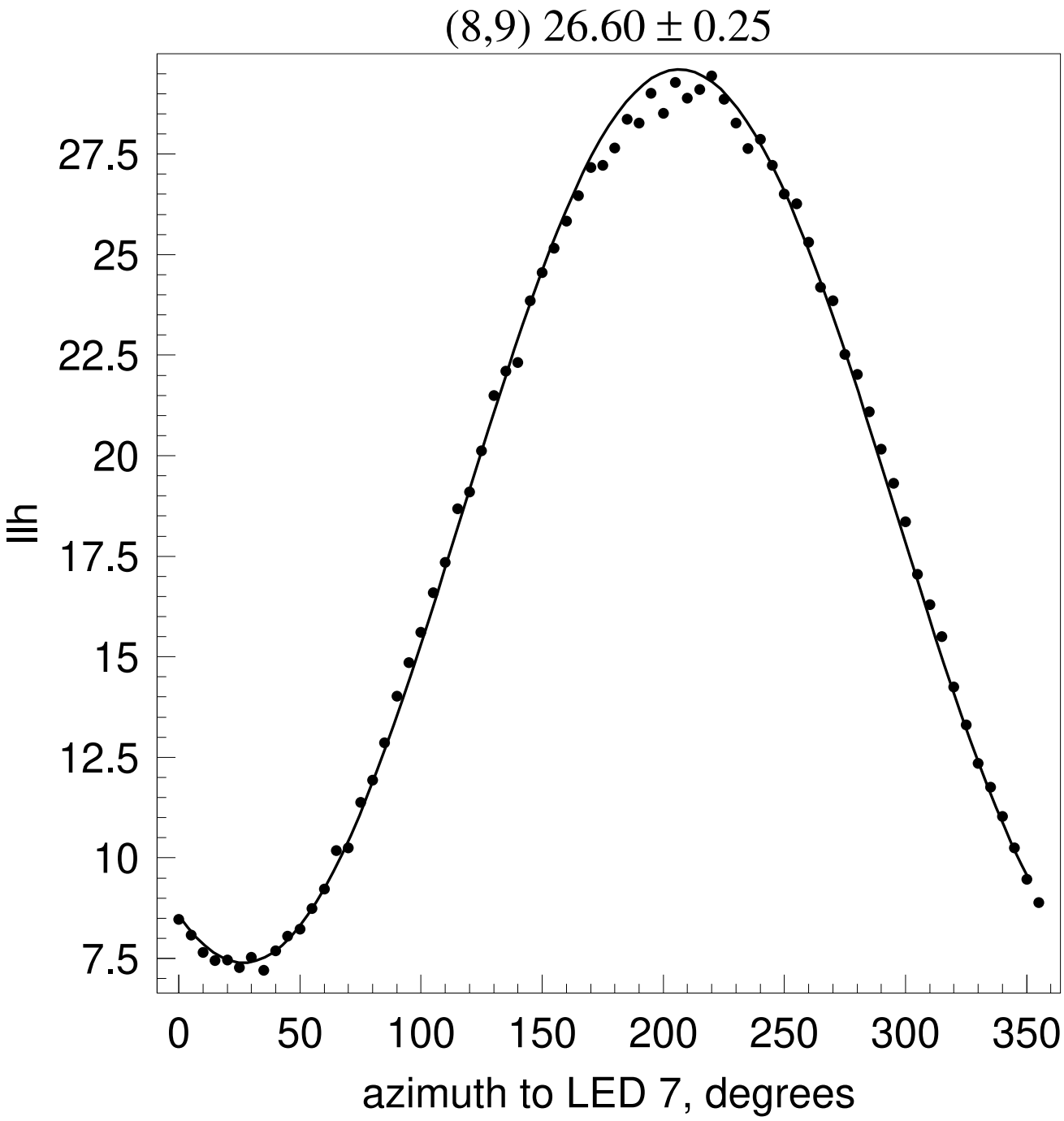

(8,4) 186.46 ± 0.40
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

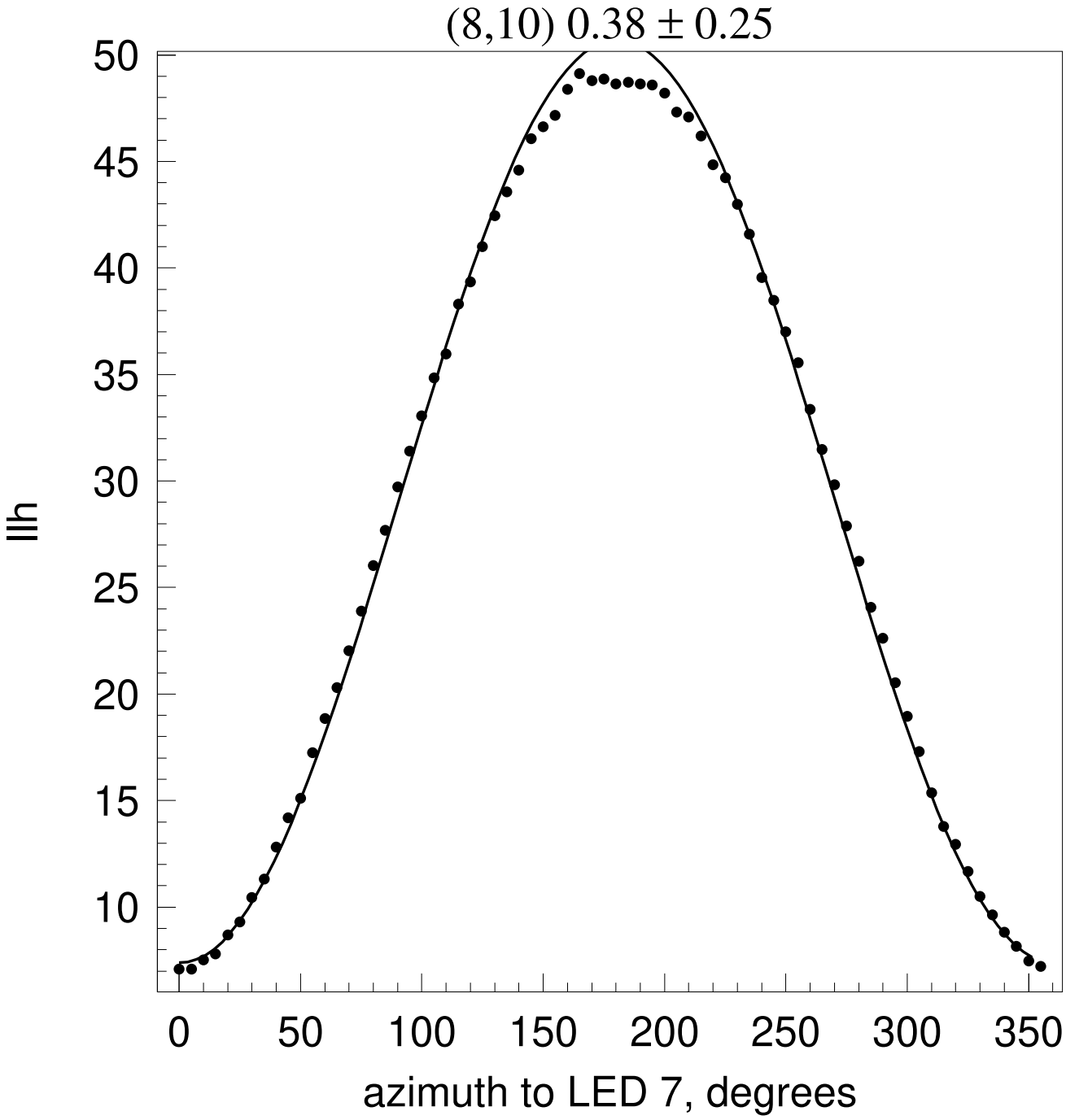

(8,5) 57.51 ± 0.13
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

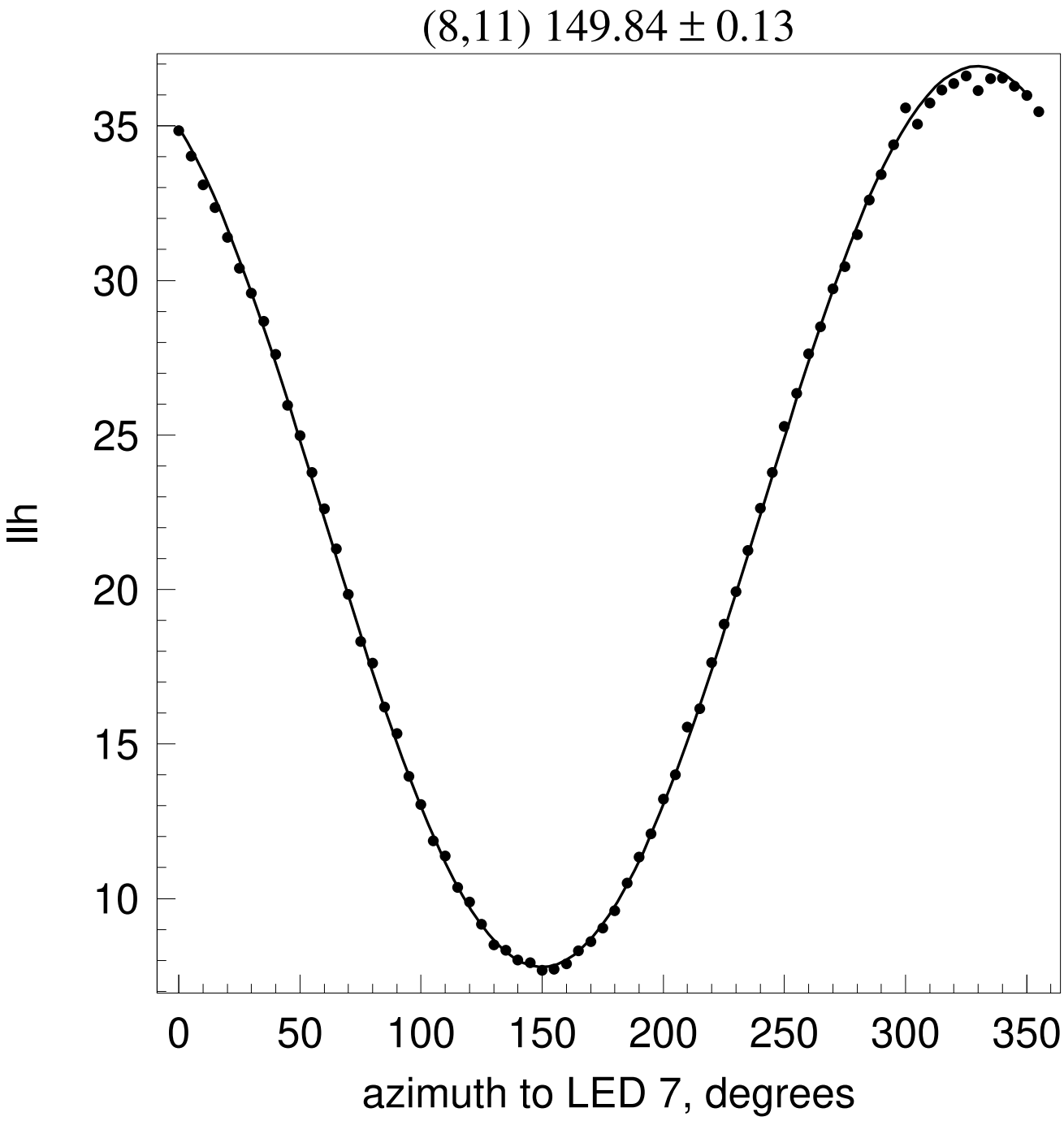

(8,6) 267.99 ± 0.25
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

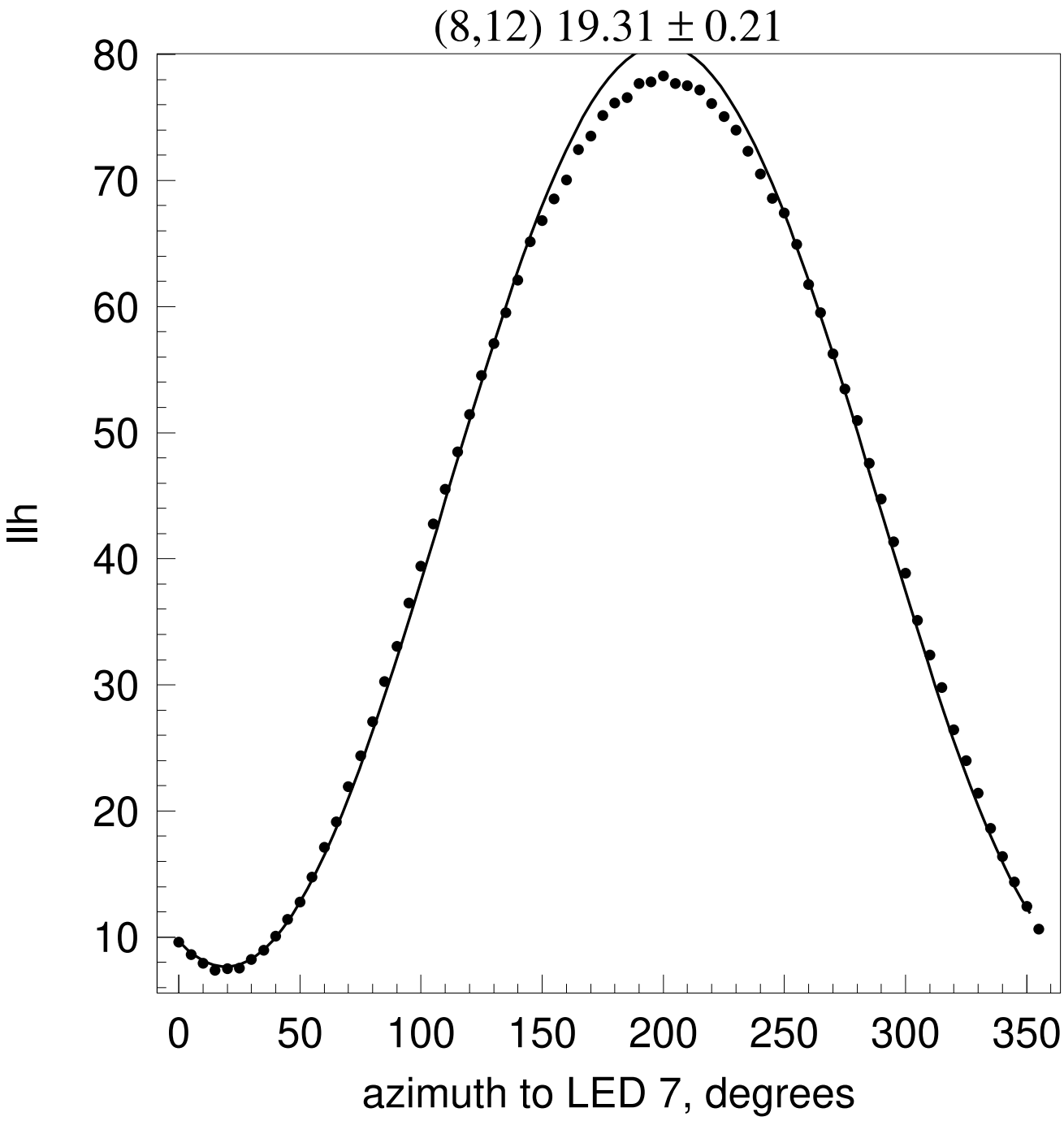

(8,7) 64.76 ± 0.27
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

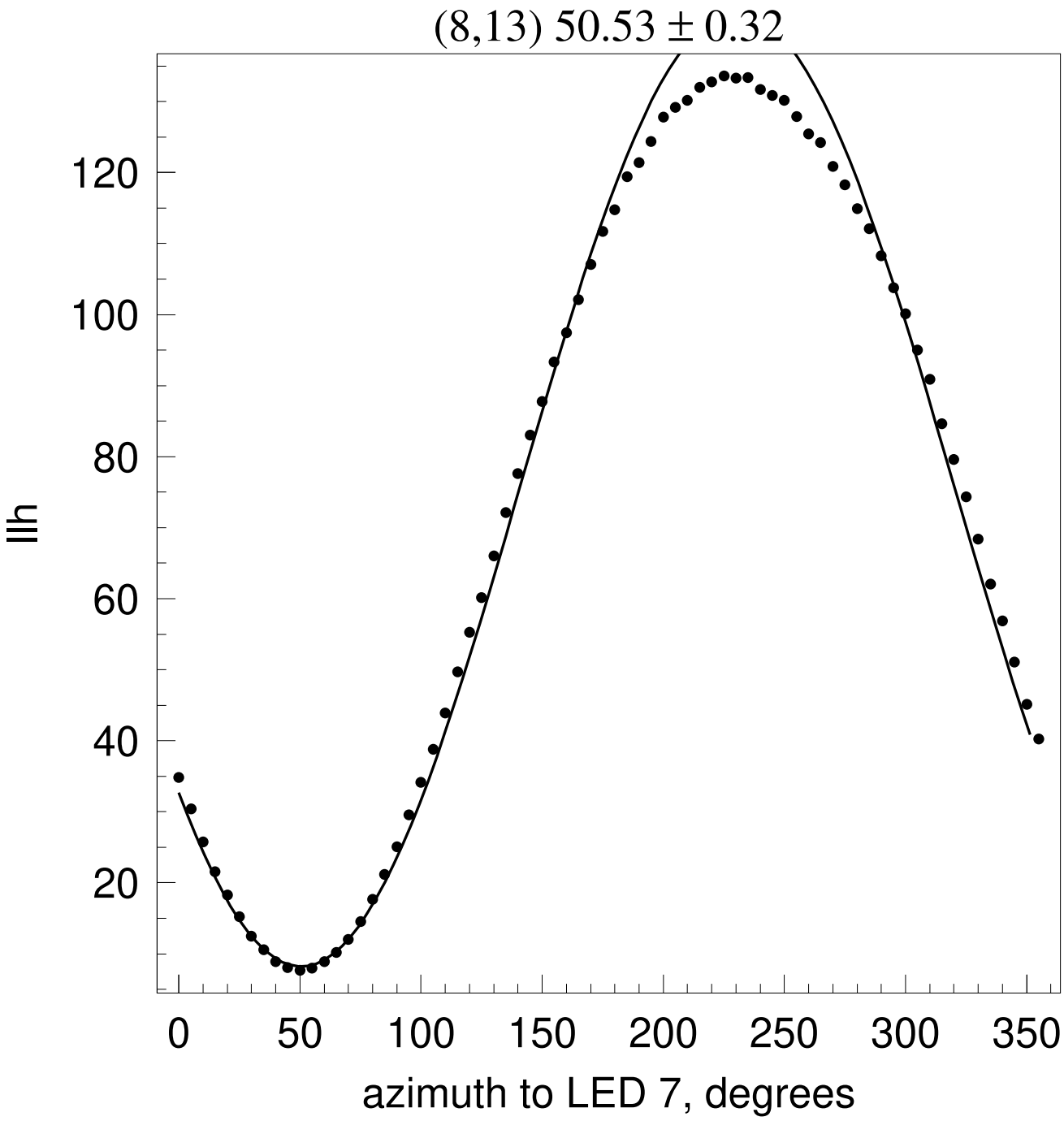

(8,8) 229.75 ± 0.26
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

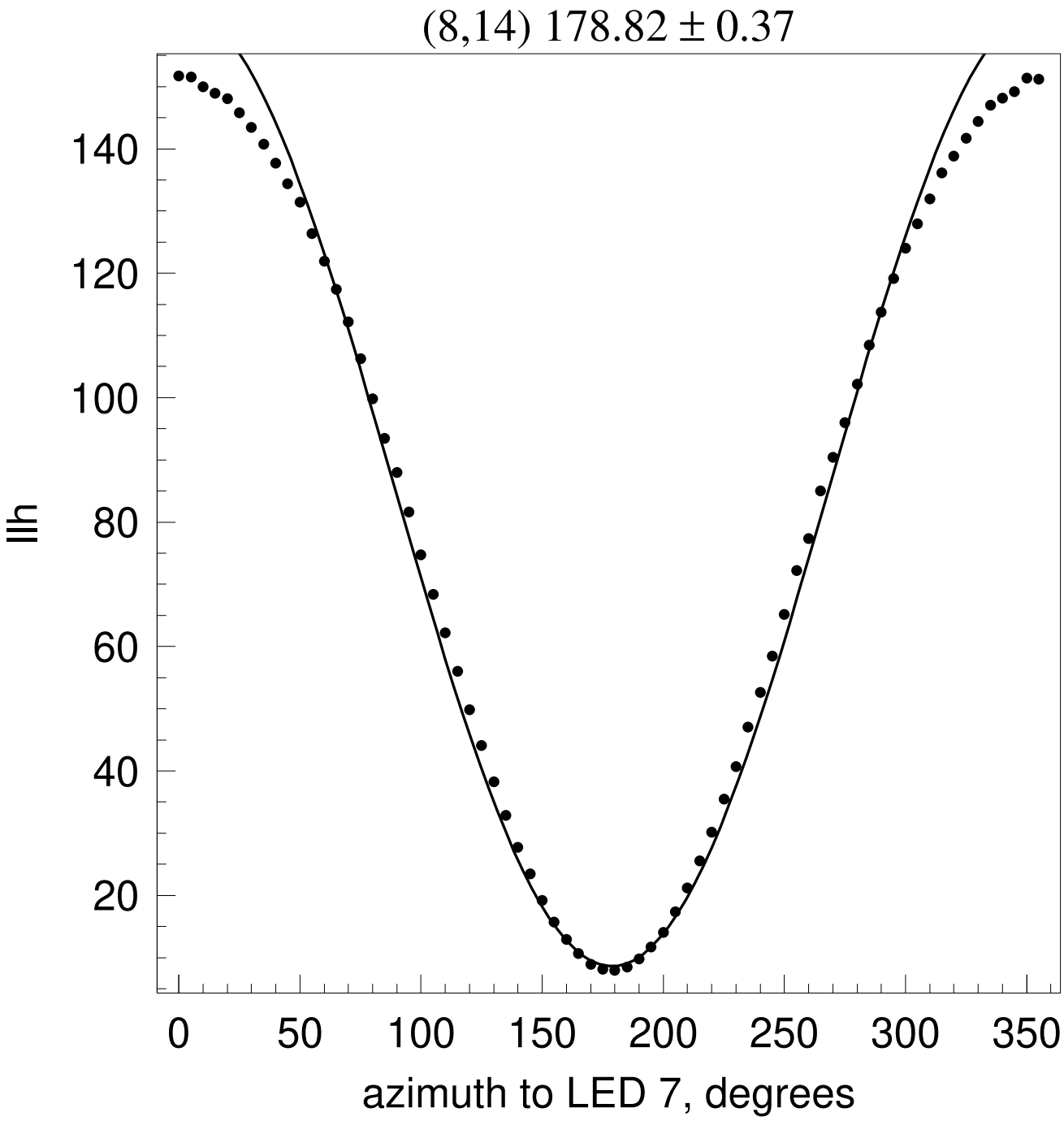

(8,9) 26.60 ± 0.25
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

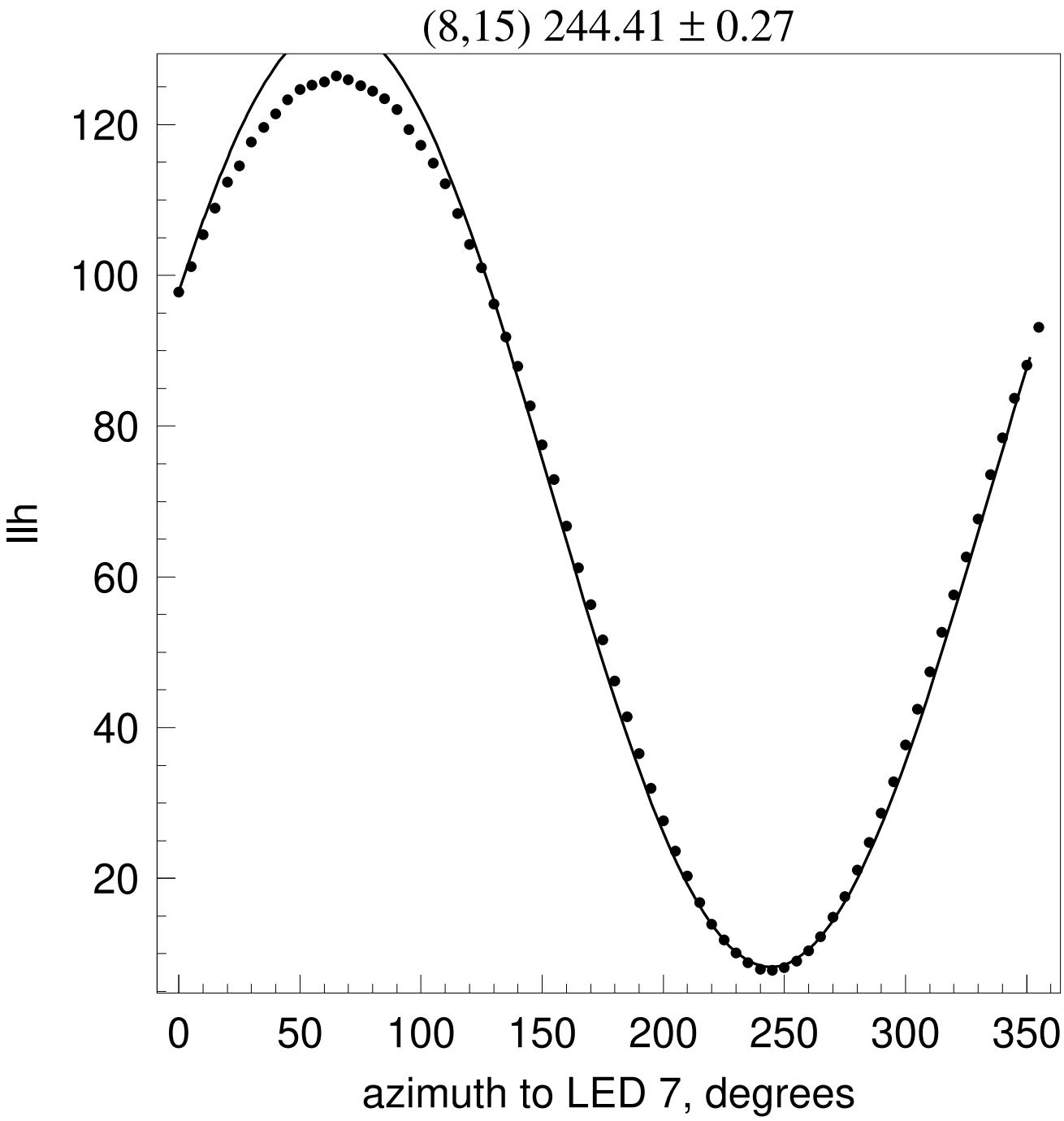

(8,10) 0.38 ± 0.25
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

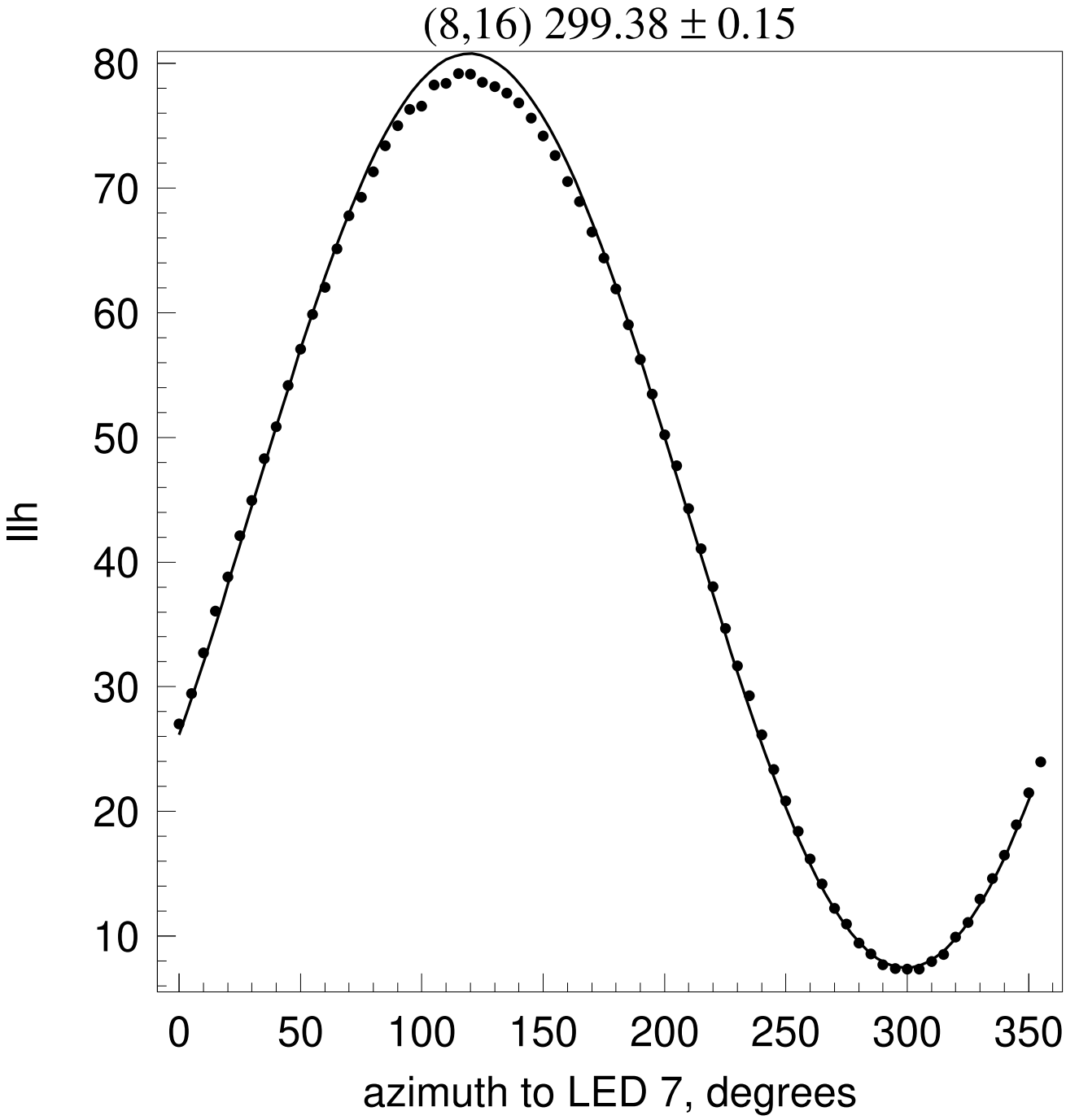

(8,11) 149.84 ± 0.13
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

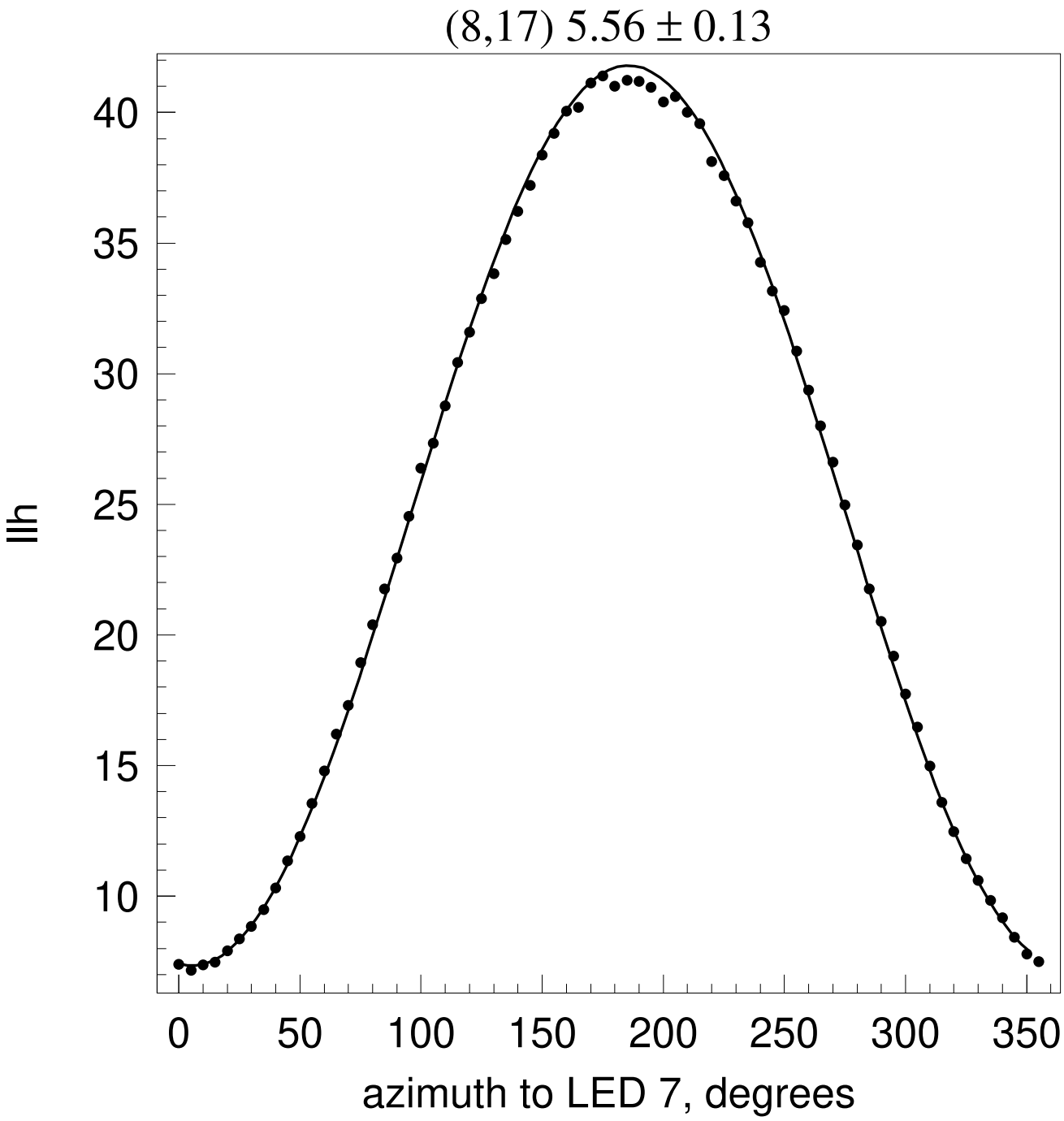

(8,12) 19.31 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

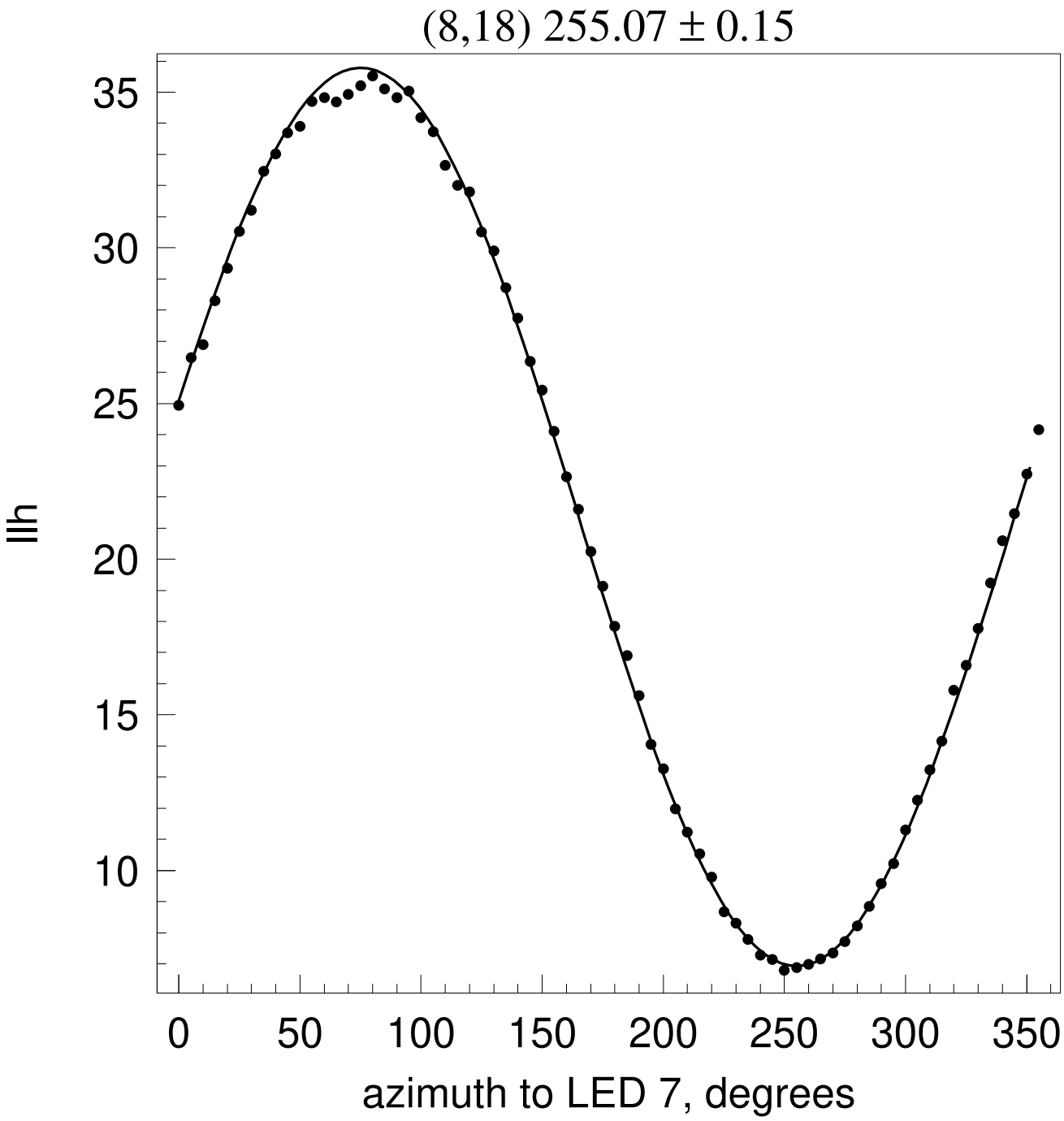

(8,13) 50.53 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

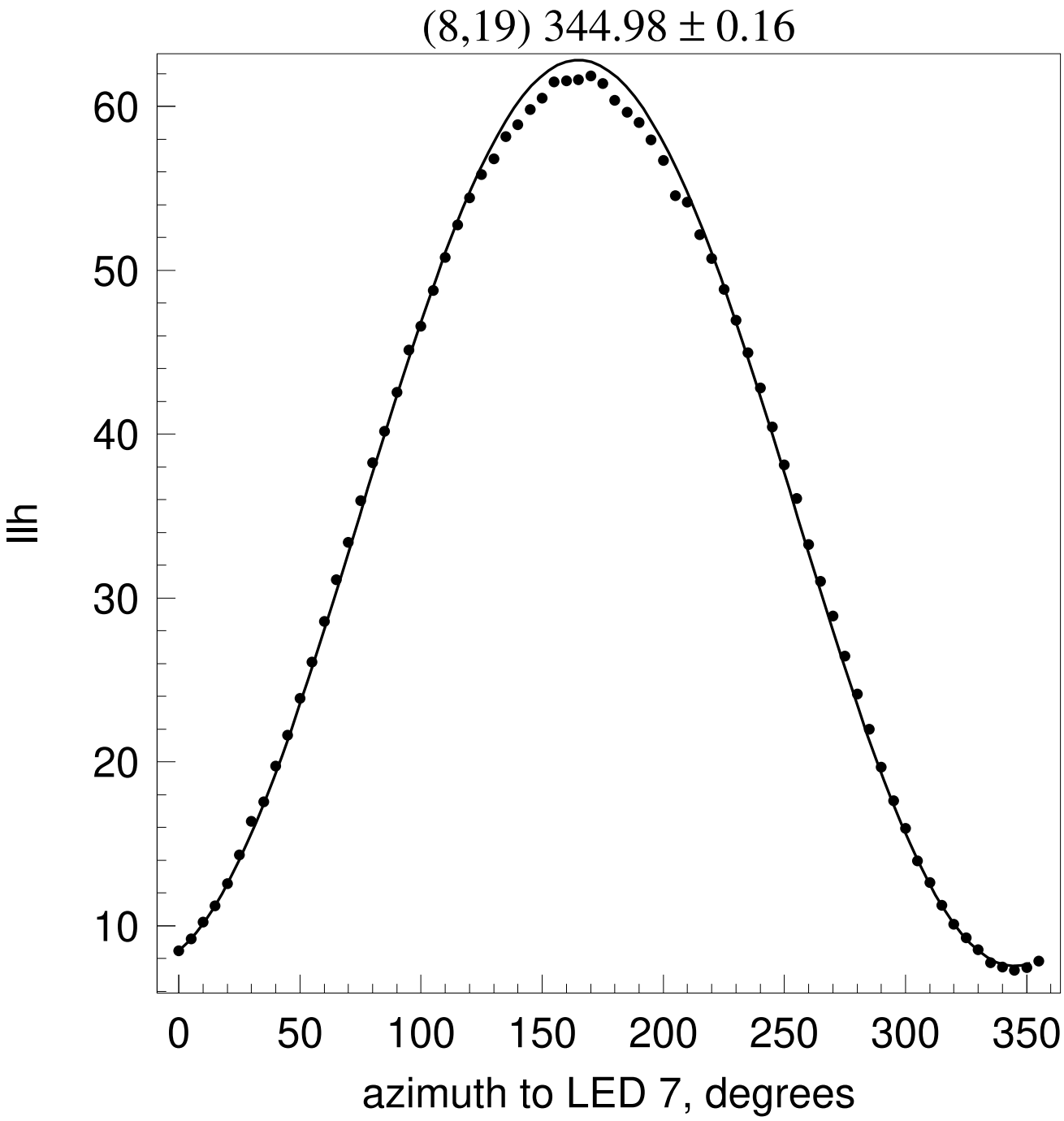

(8,14) 178.82 ± 0.37
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

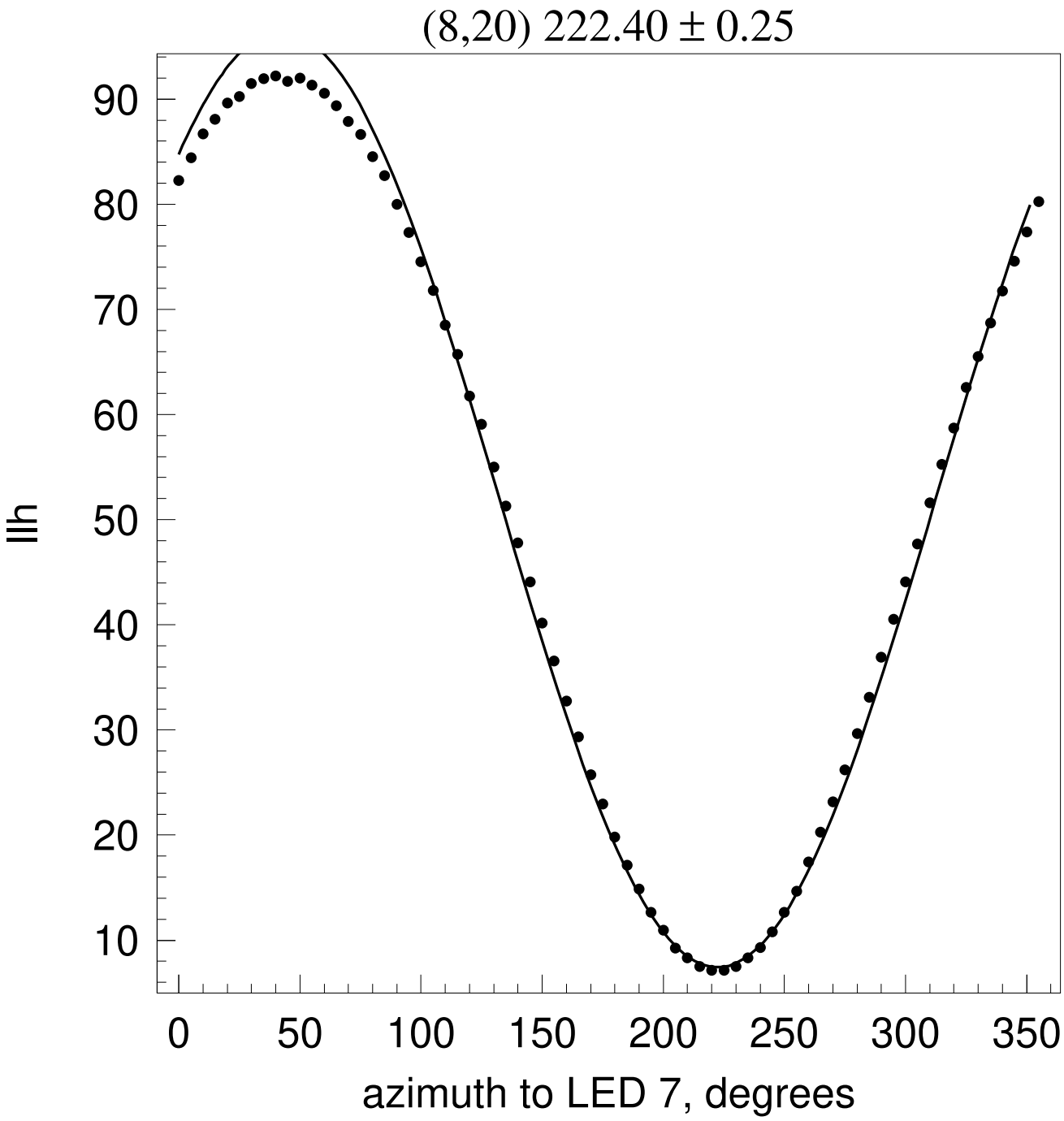

(8,15) 244.41 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

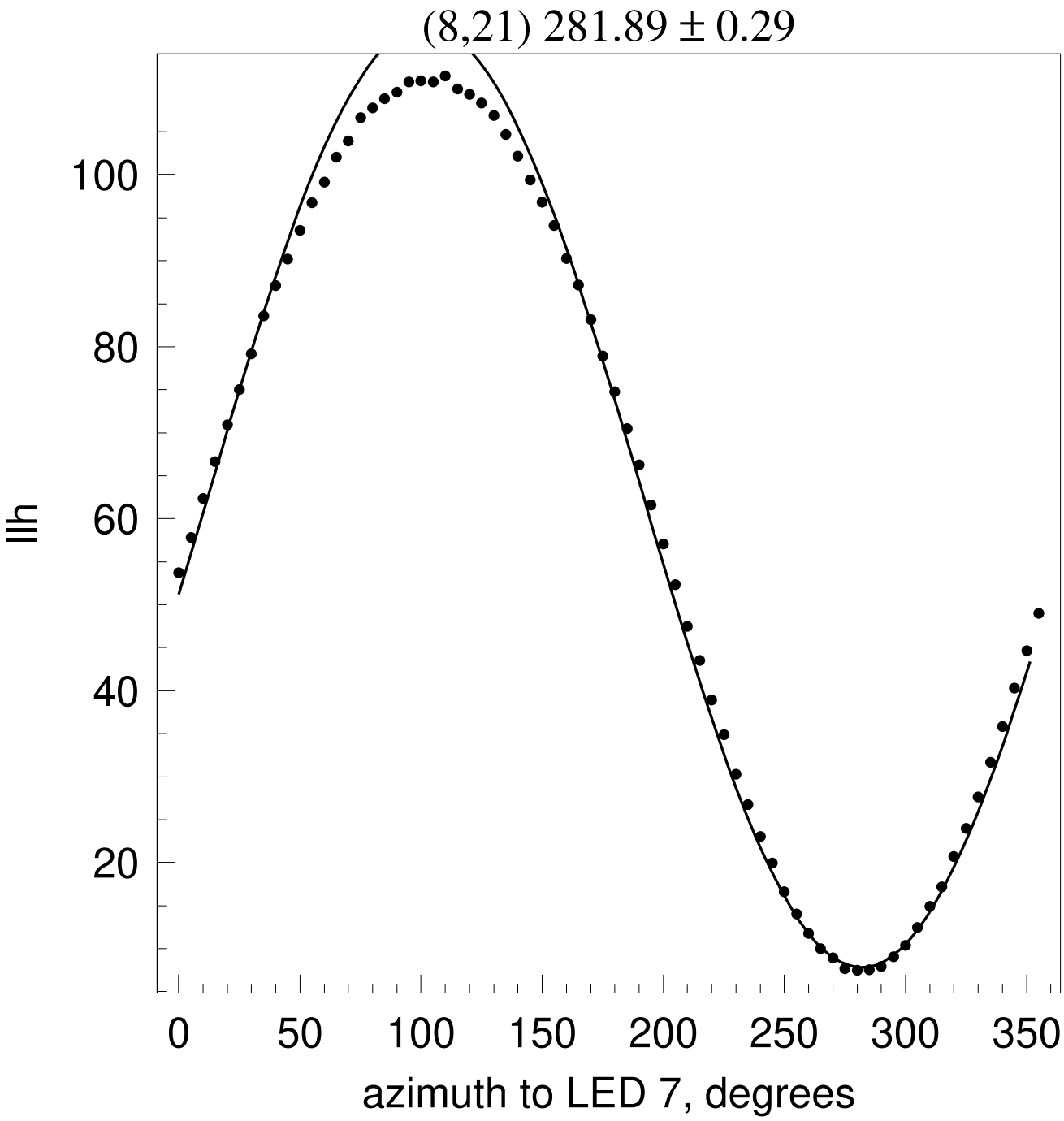

(8,16) 299.38 ± 0.15
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

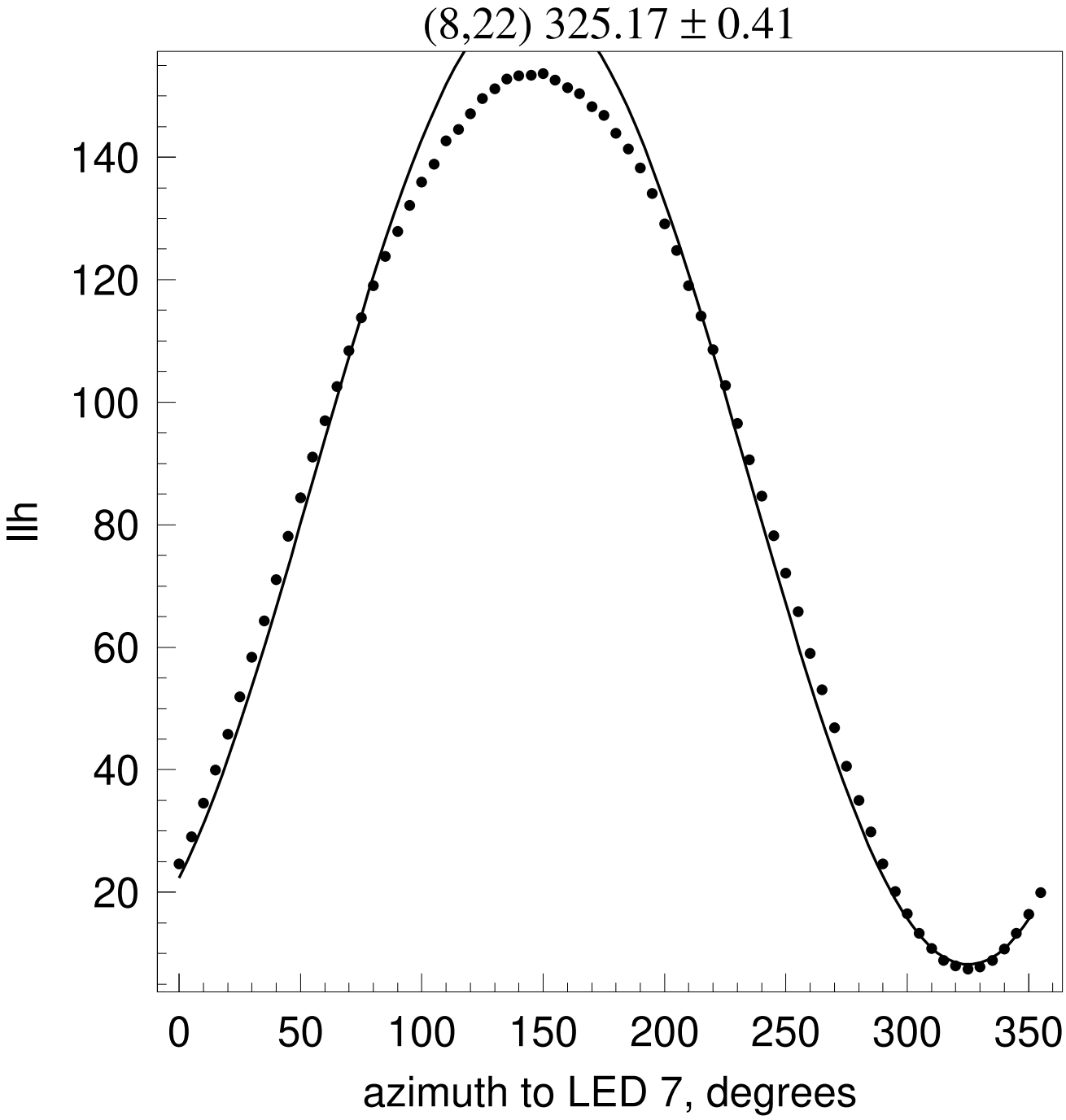

(8,17) 5.56 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

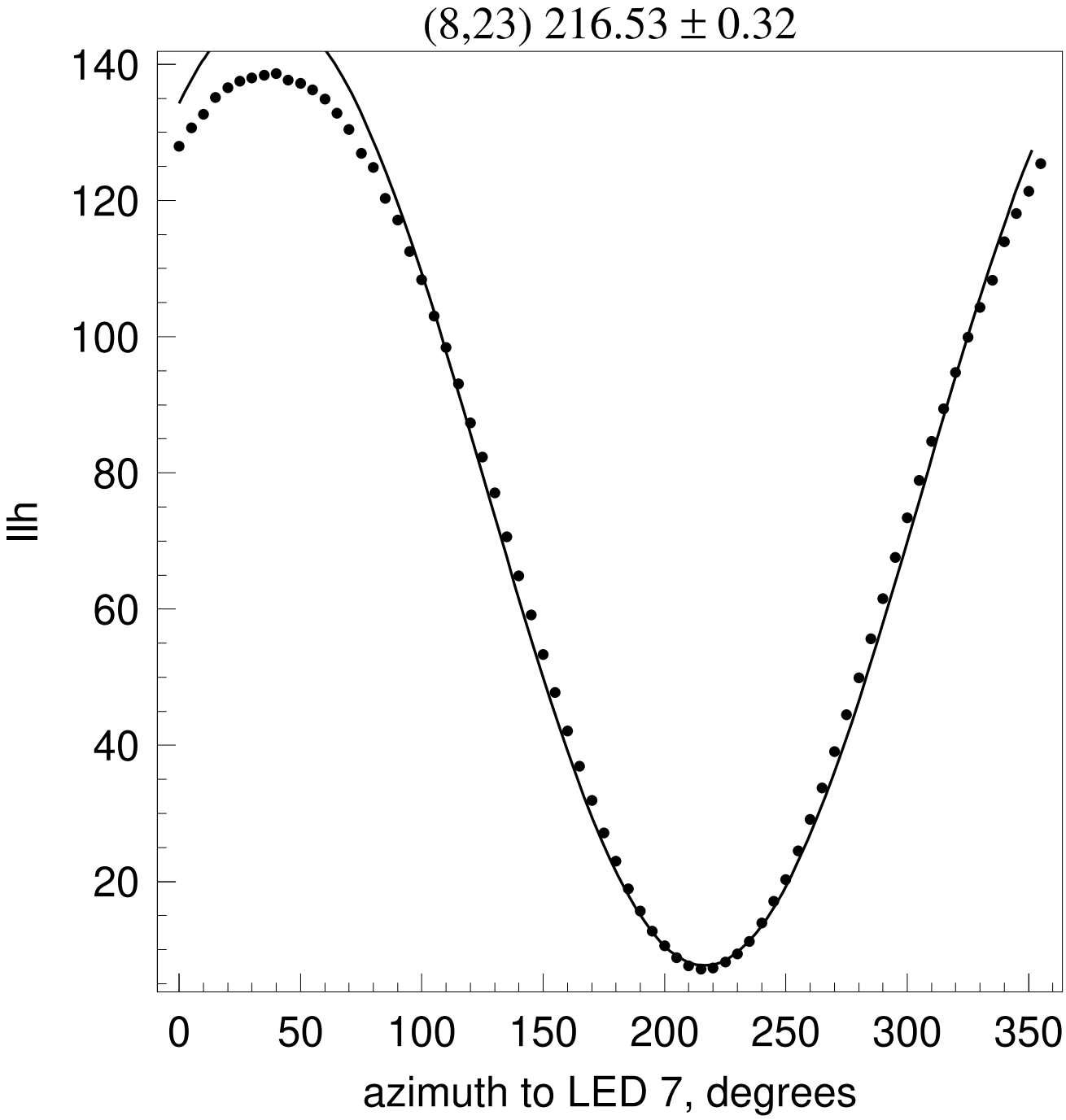

(8,18) 255.07 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

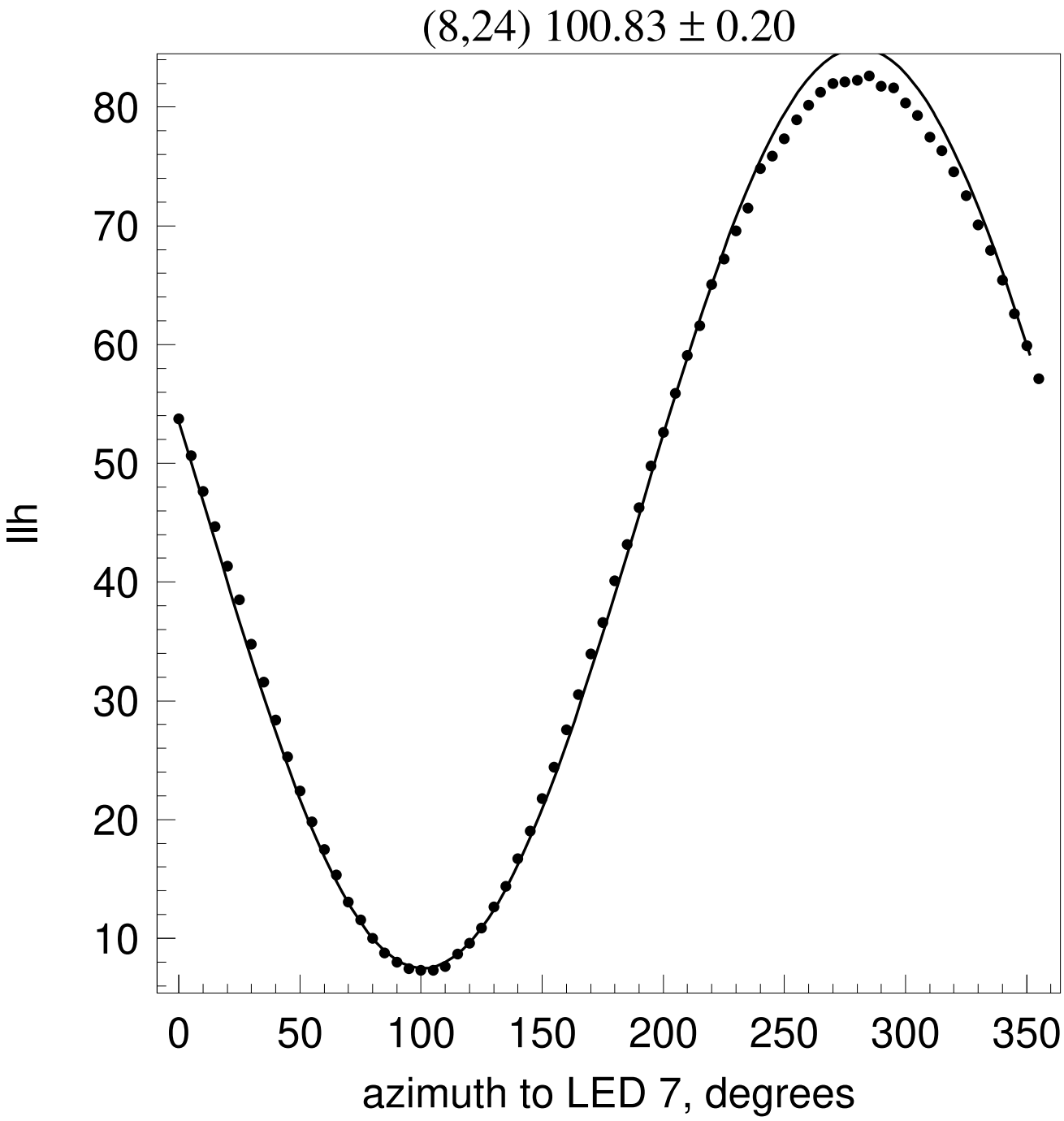

(8,19) 344.98 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

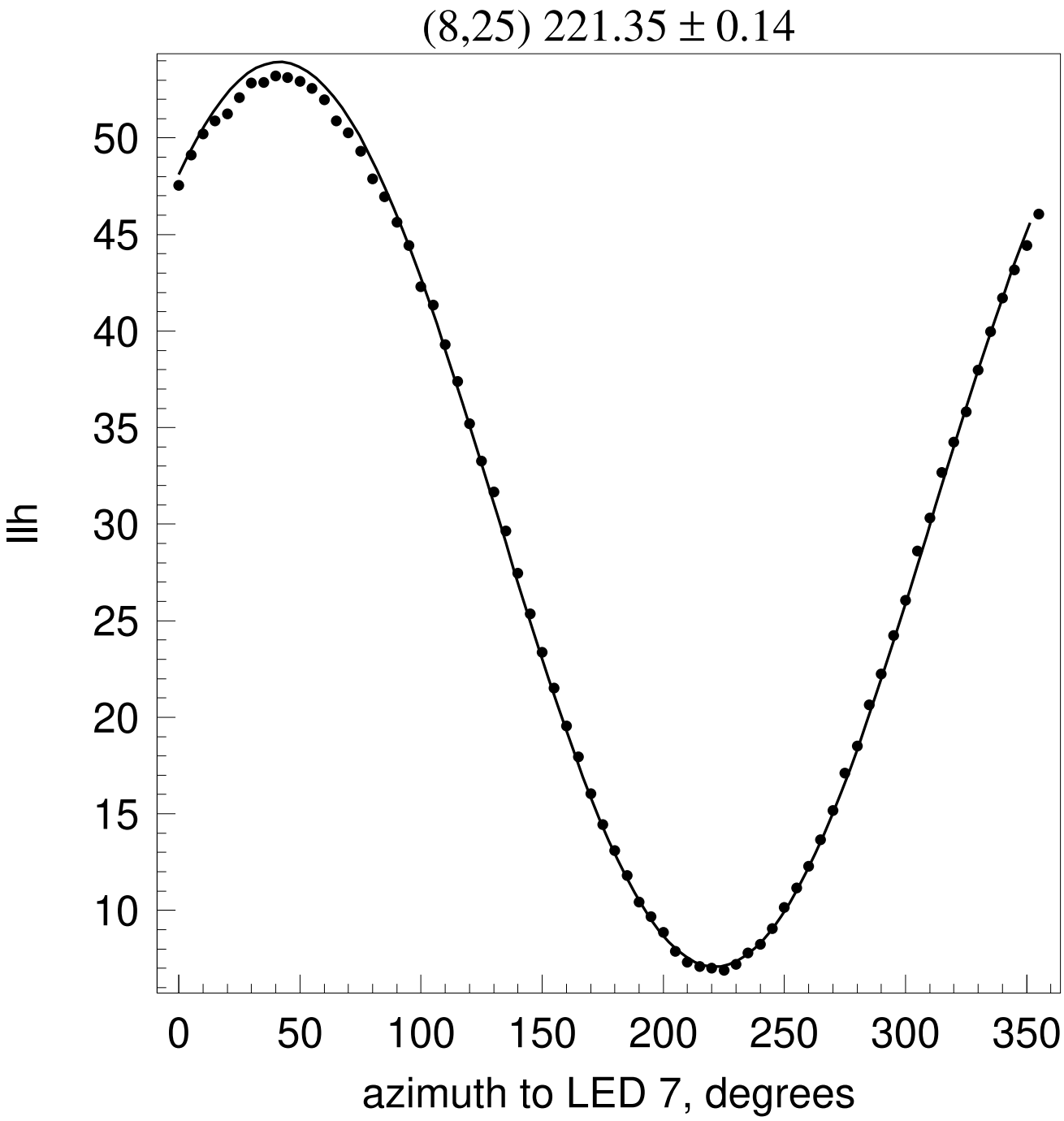

(8,20) 222.40 ± 0.25
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

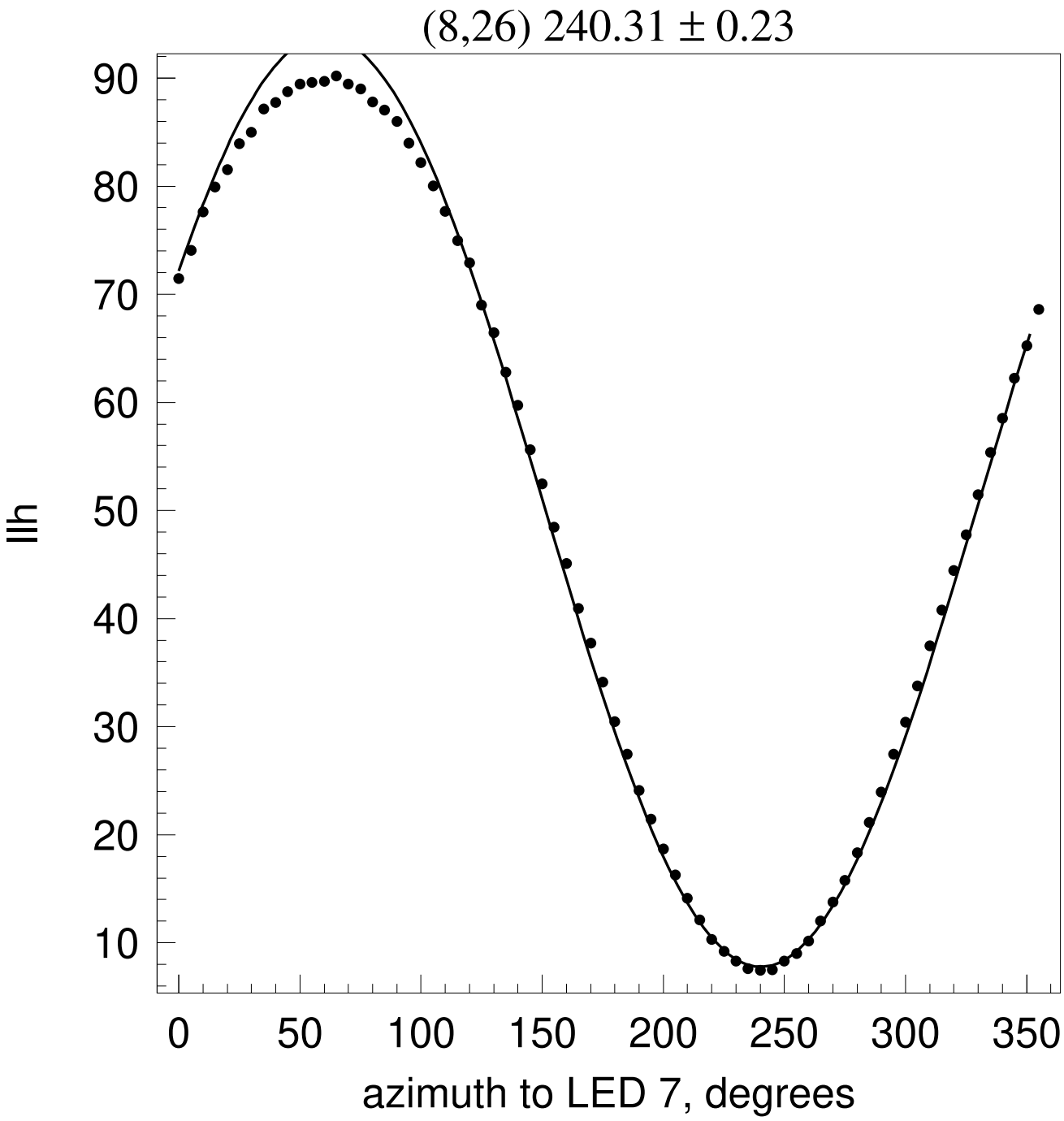

(8,21) 281.89 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

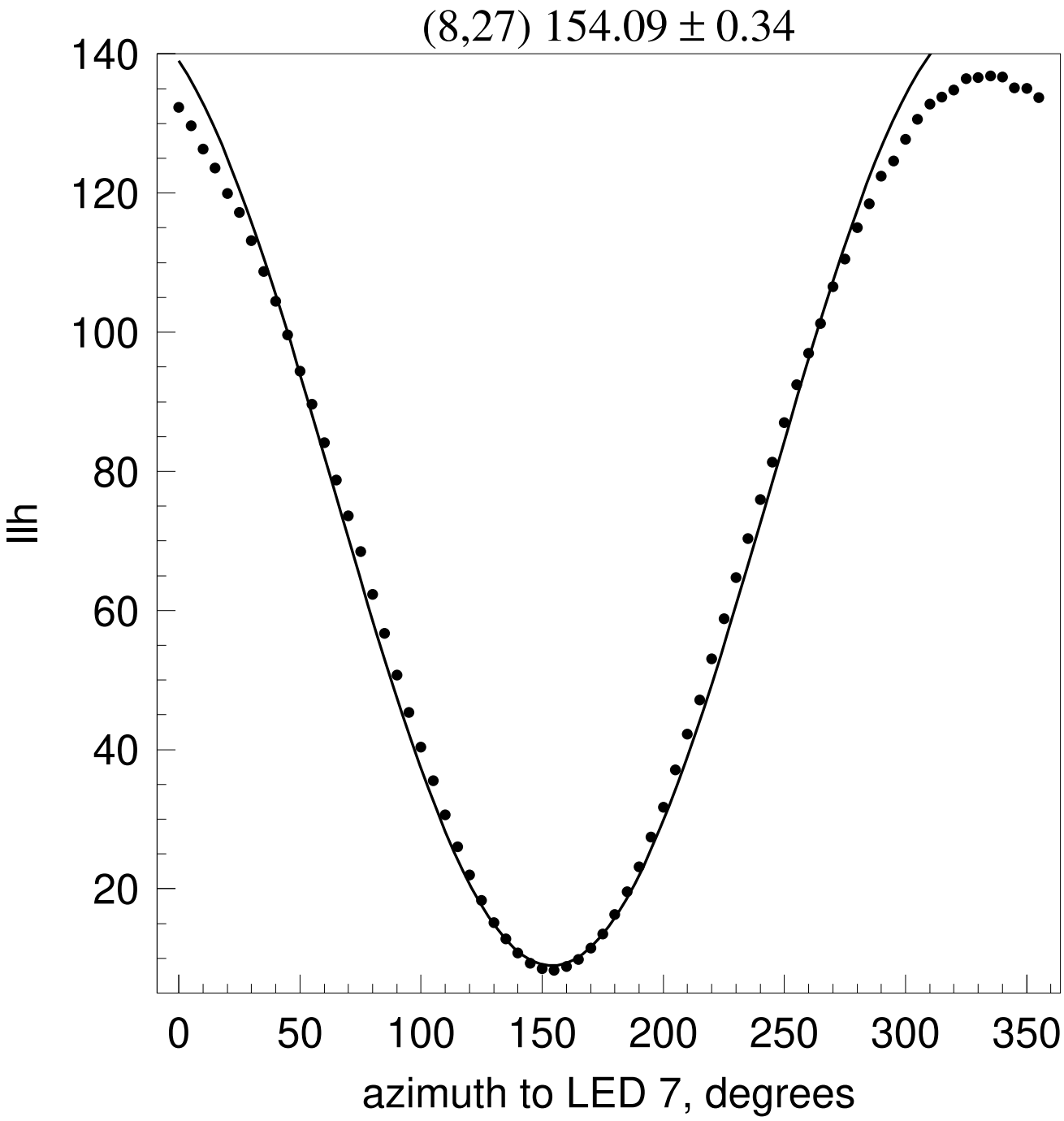

(8,22) 325.17 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

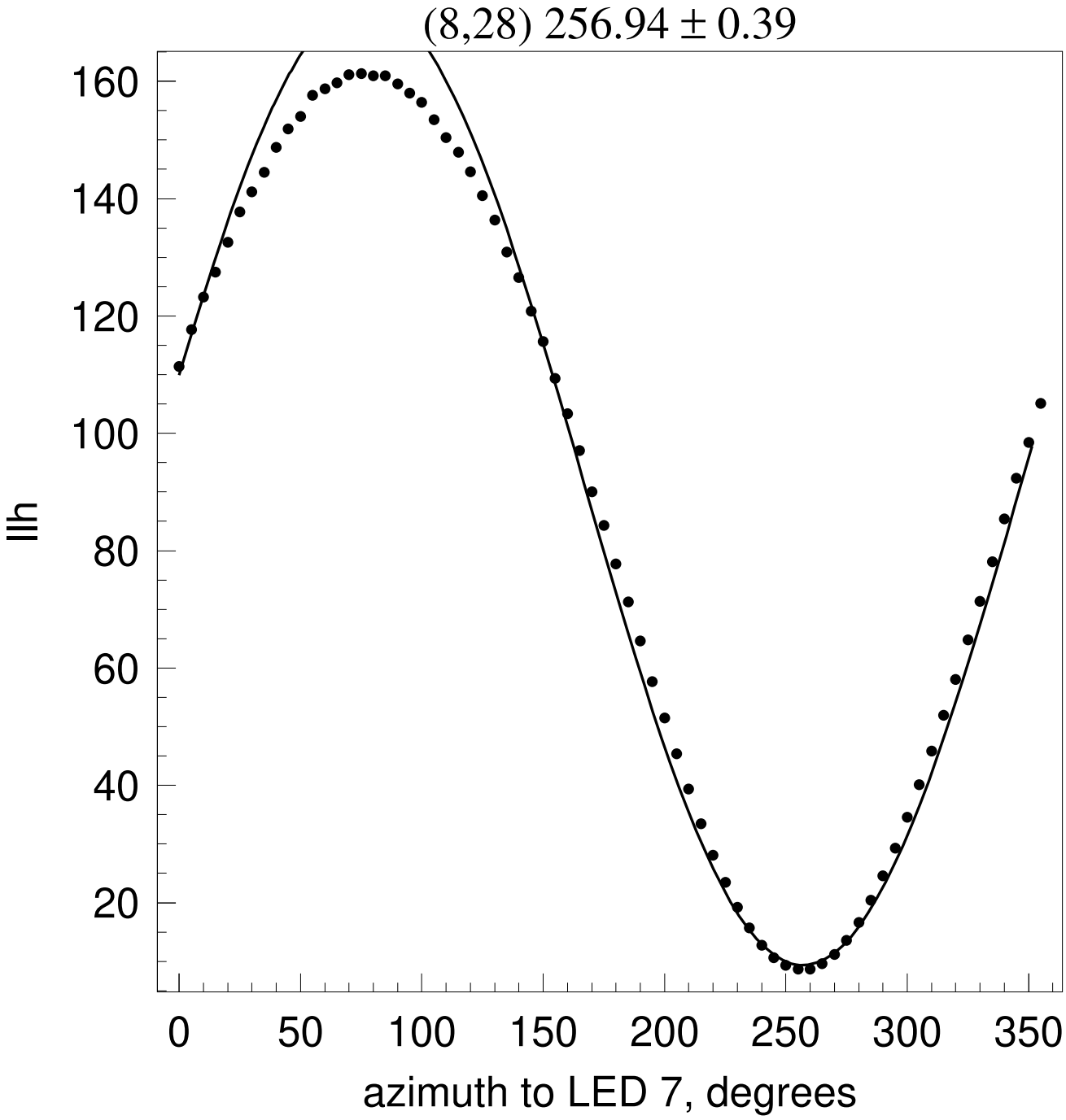

(8,23) 216.53 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

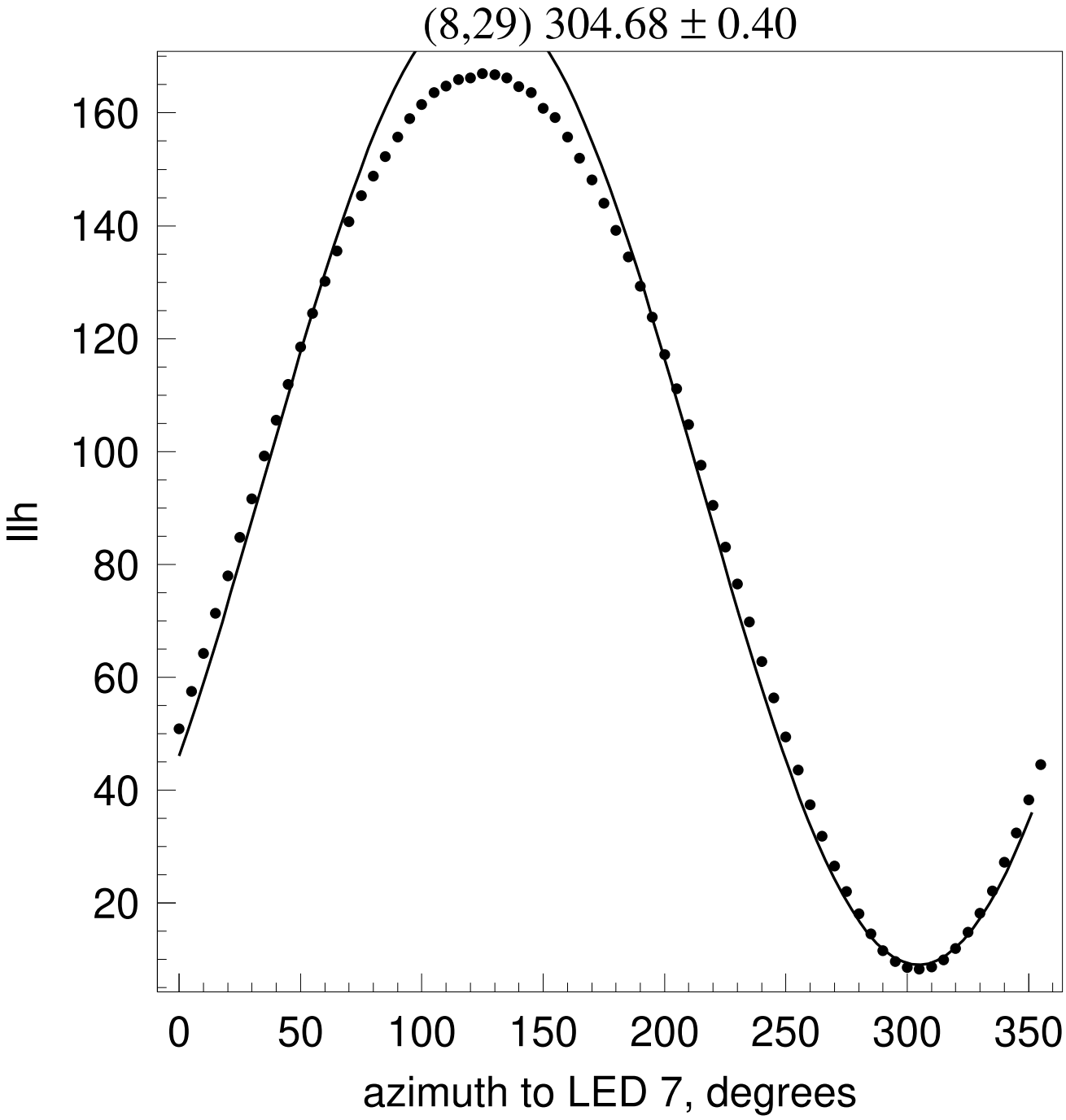

(8,24) 100.83 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

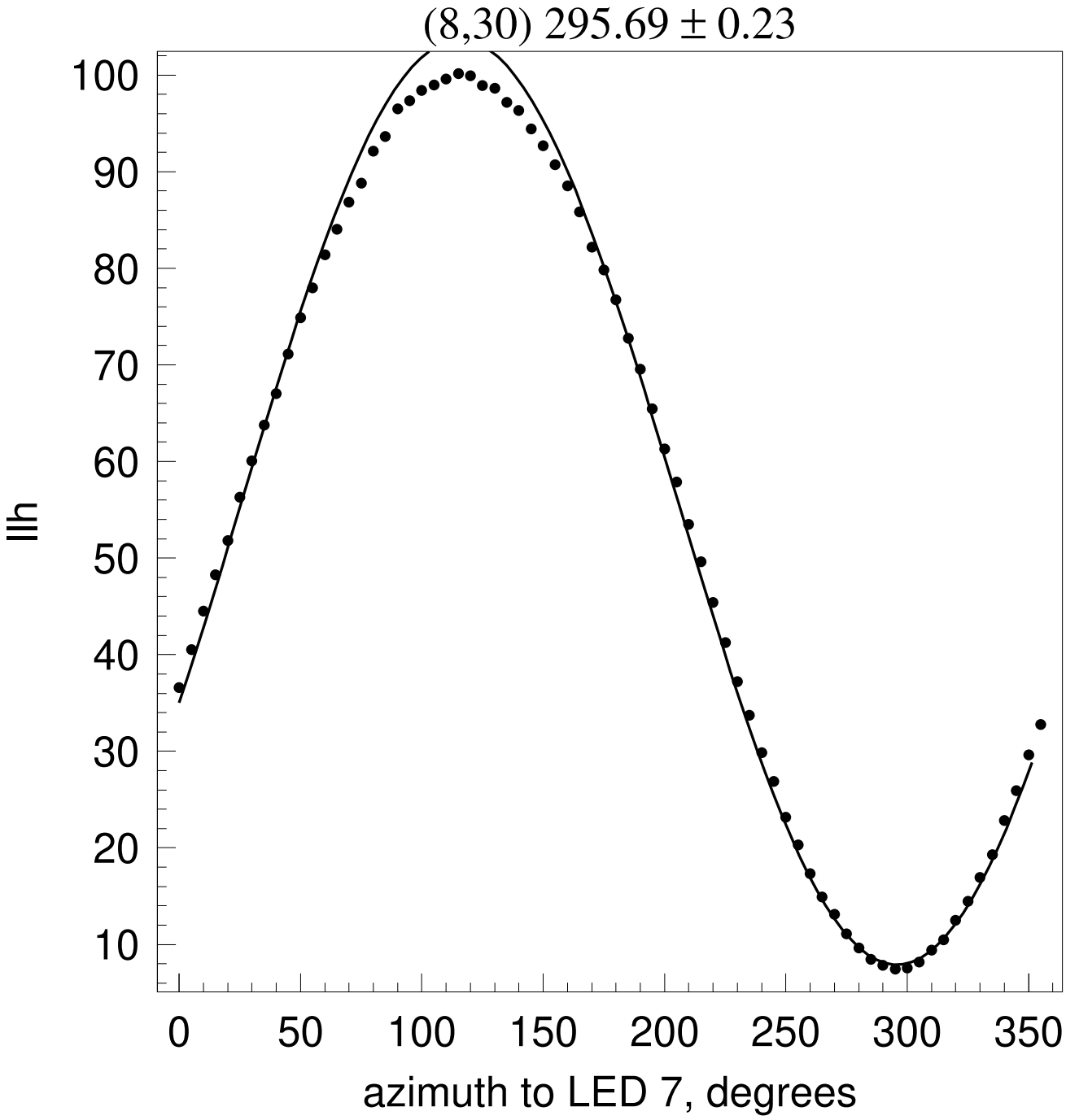

(8,25) 221.35 ± 0.14
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

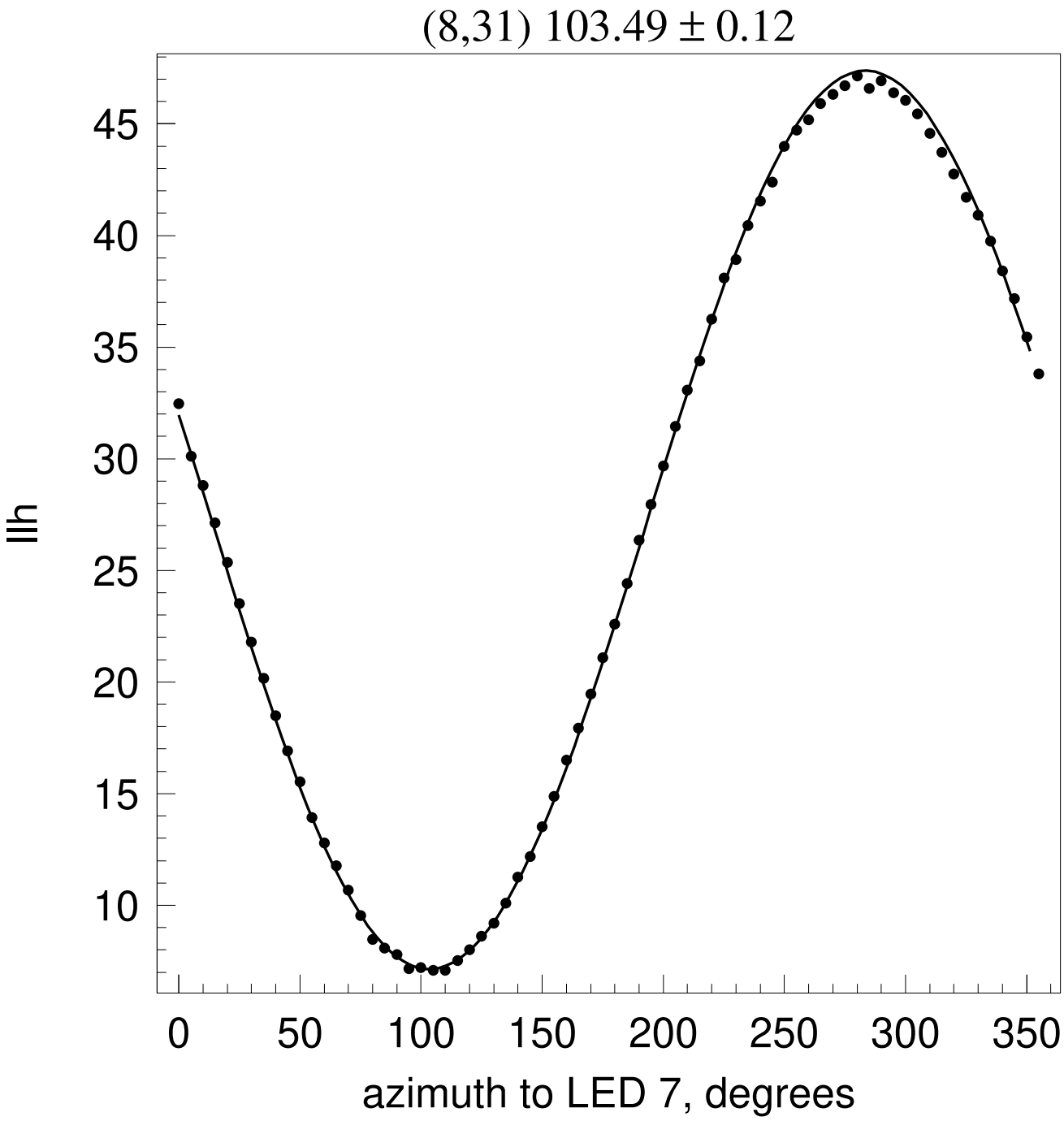

(8,26) 240.31 ± 0.23
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

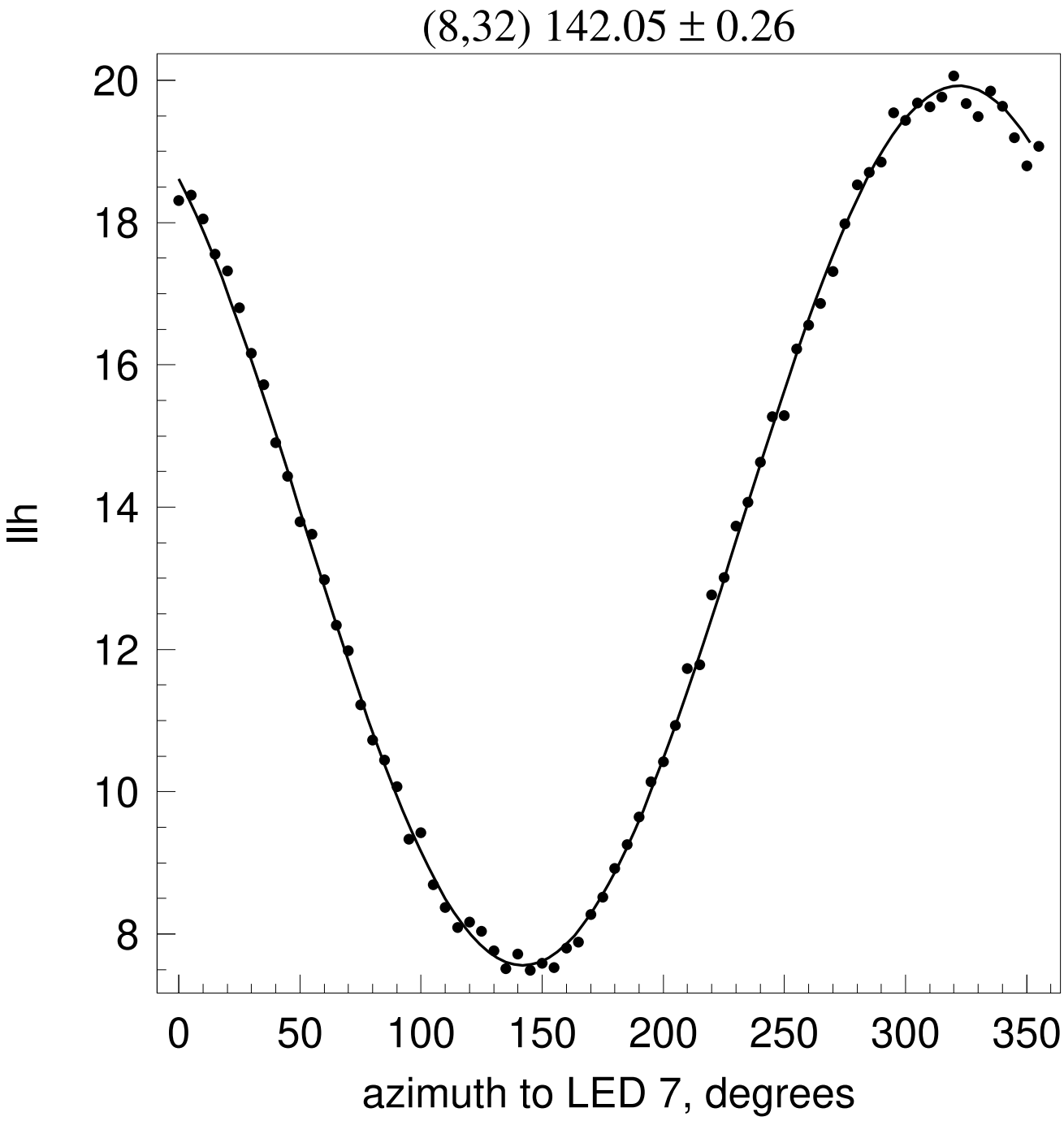

(8,27) 154.09 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

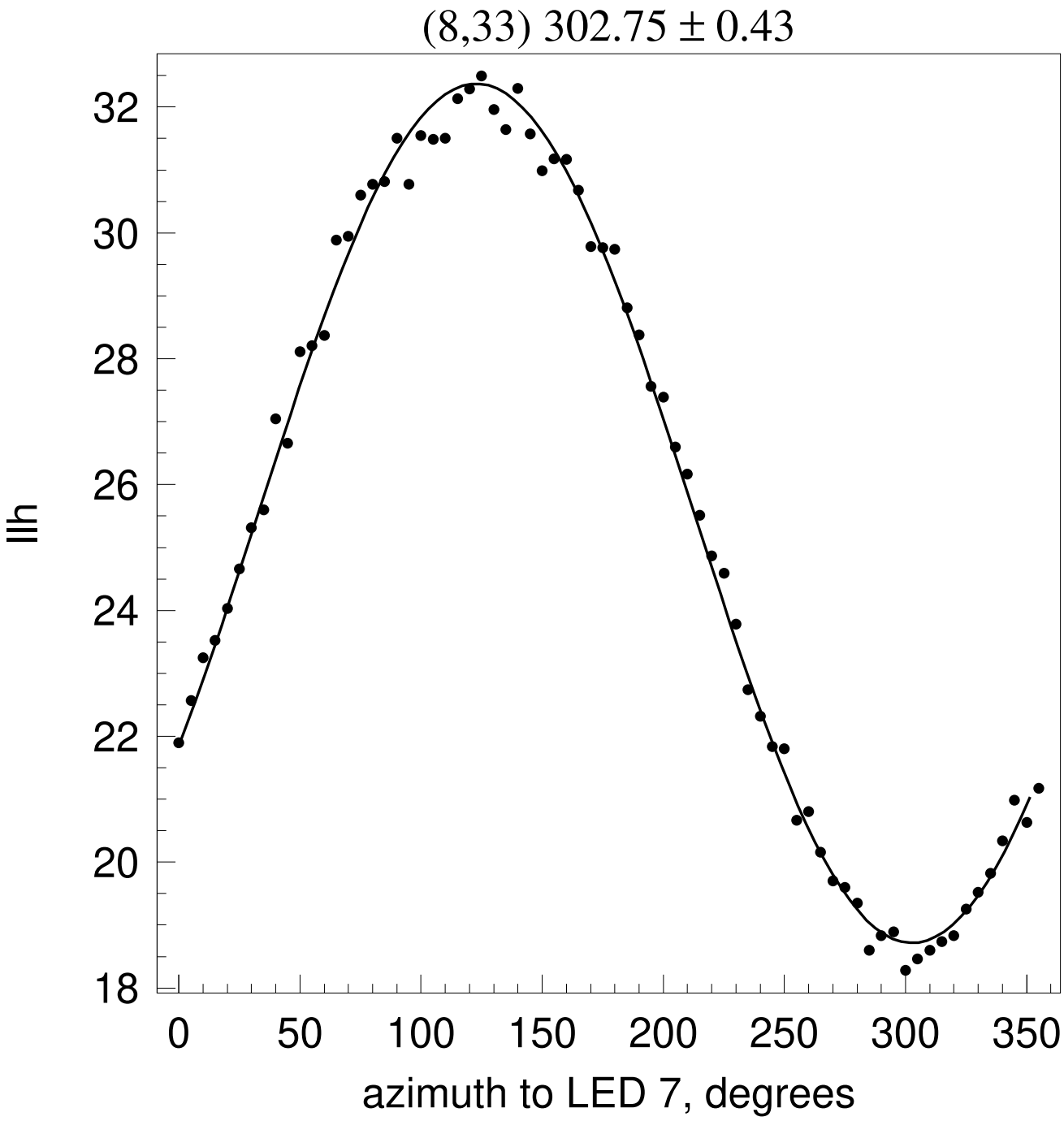

(8,28) 256.94 ± 0.39
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

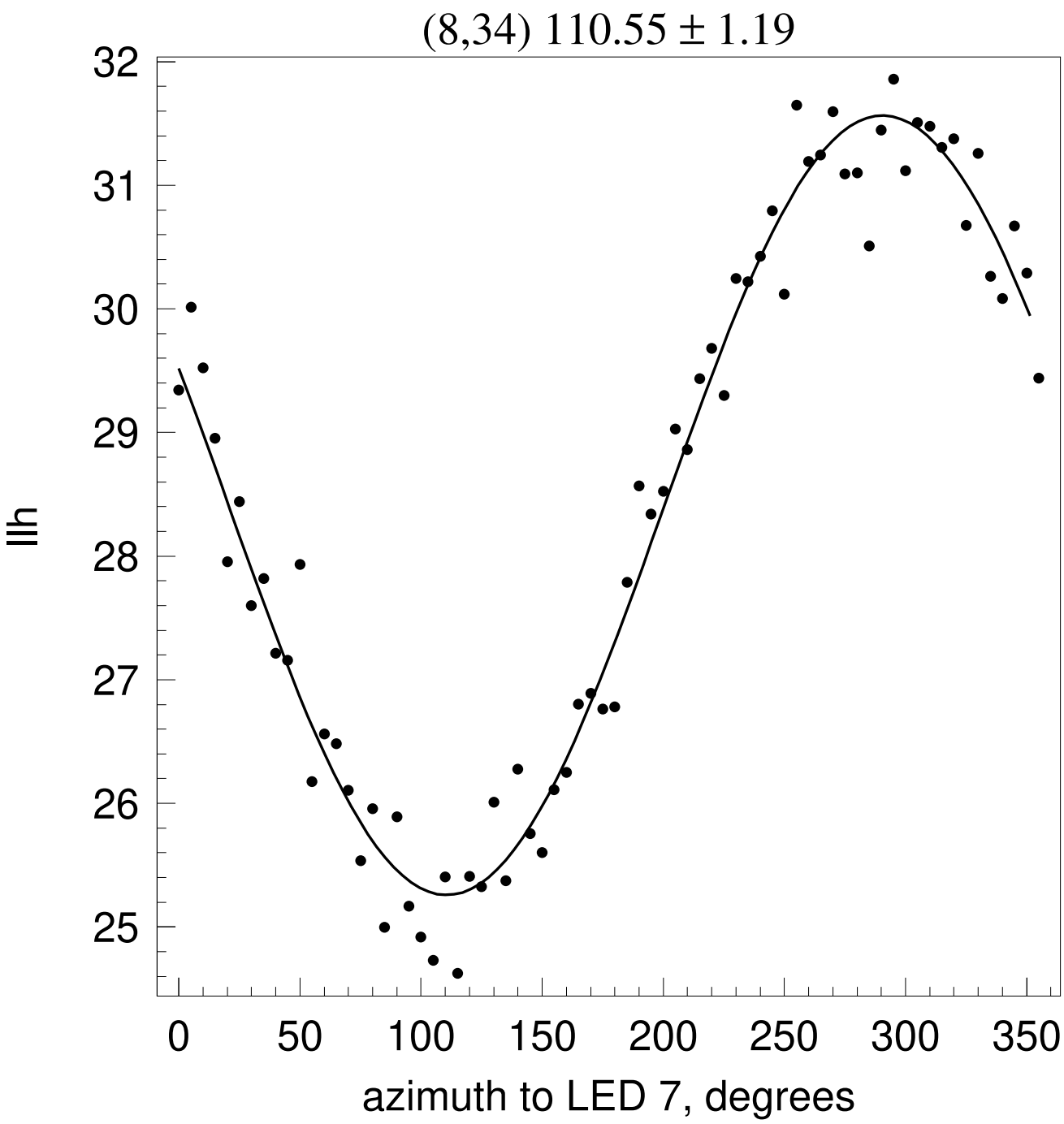

(8,29) 304.68 ± 0.40
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

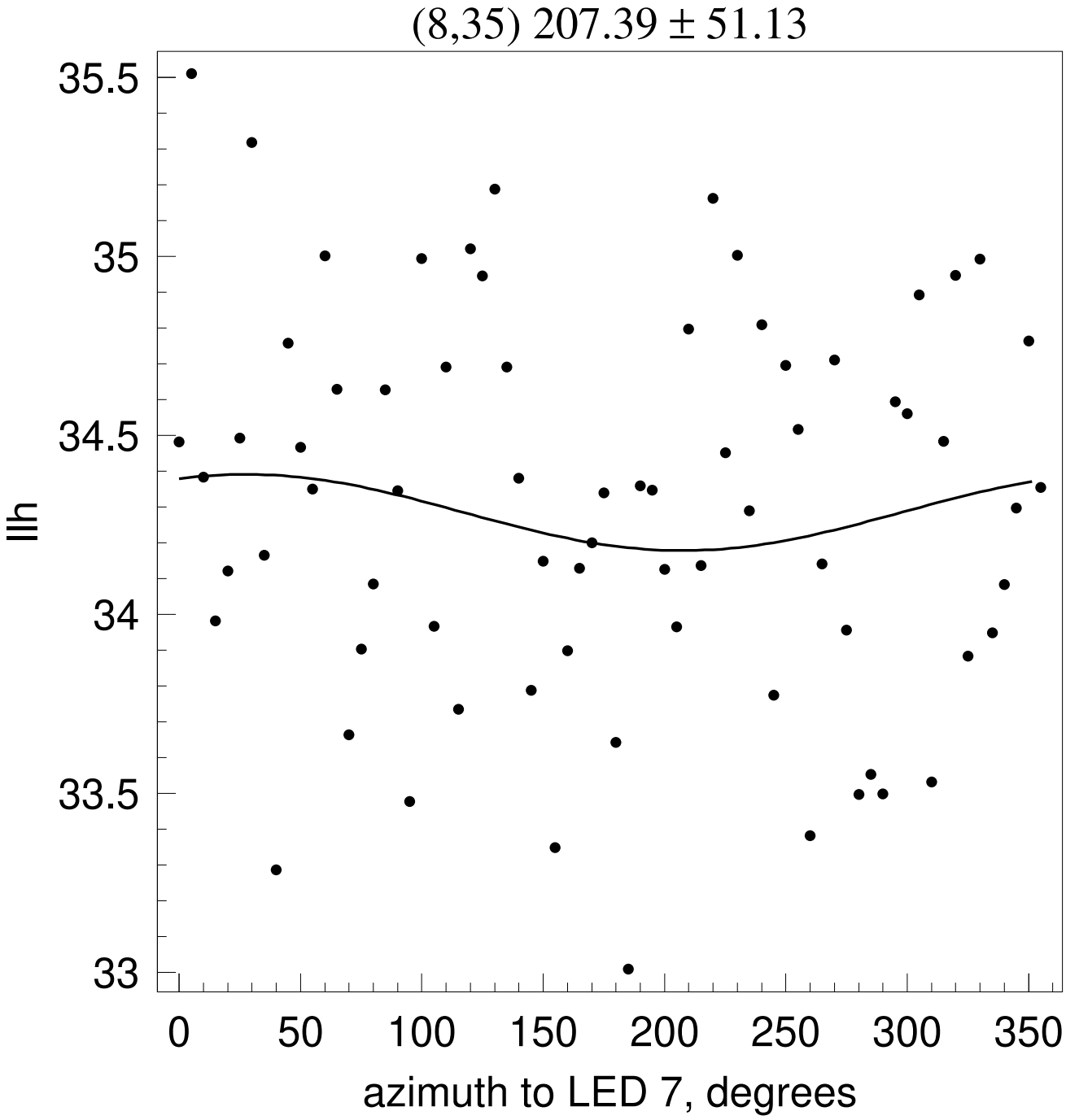

(8,30) 295.69 ± 0.23
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

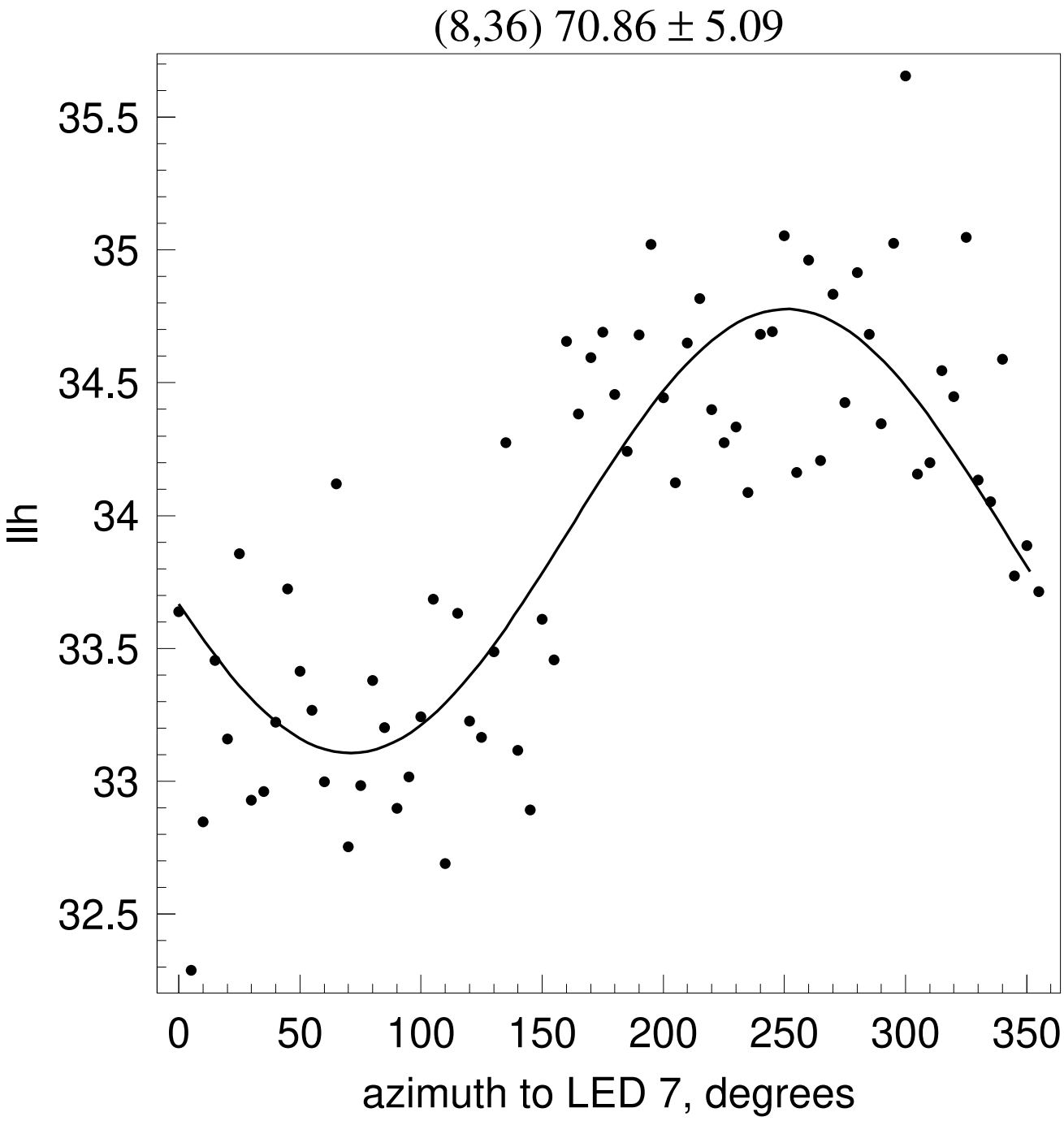

(8,31) 103.49 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

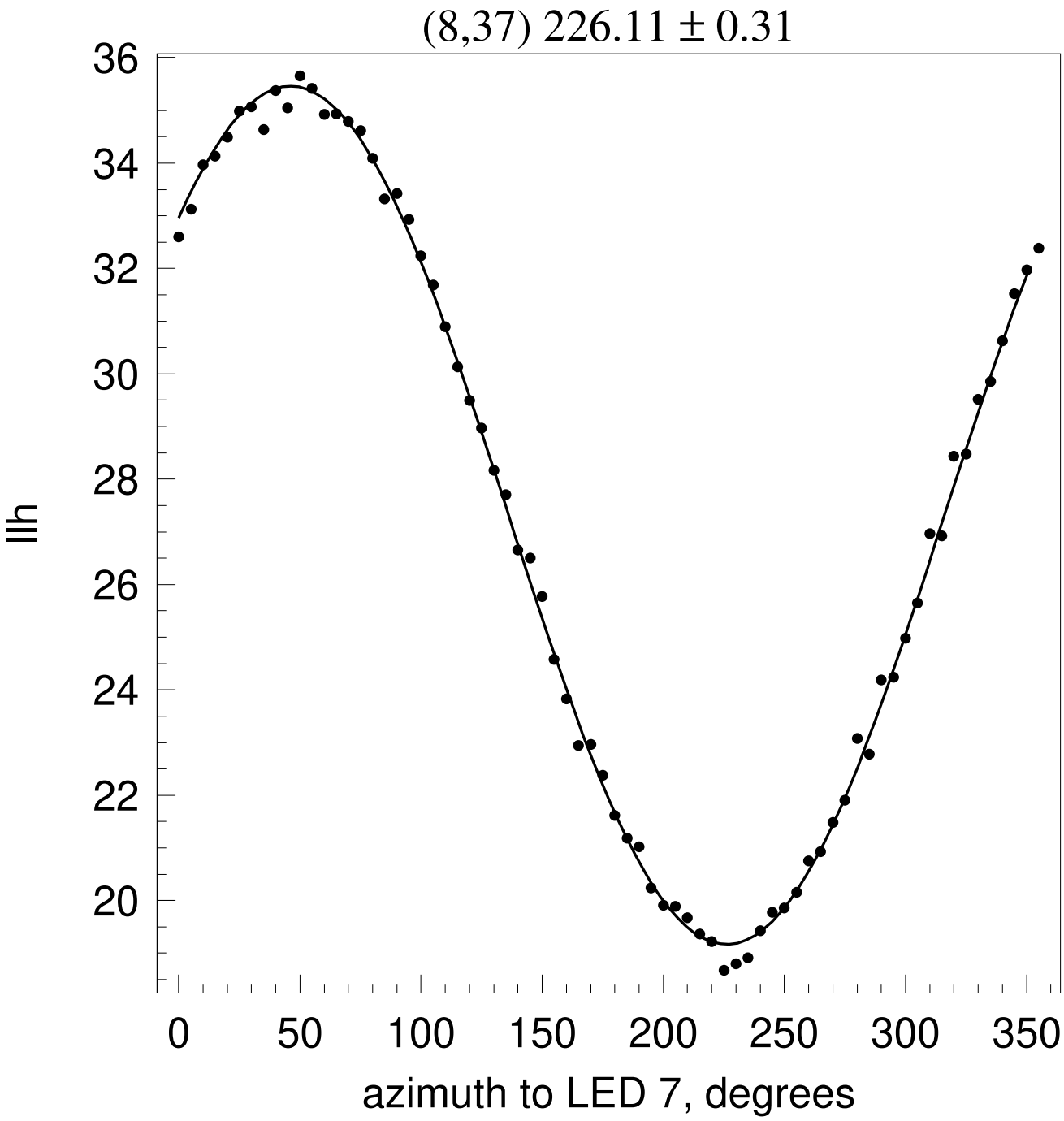

(8,32) 142.05 ± 0.26
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

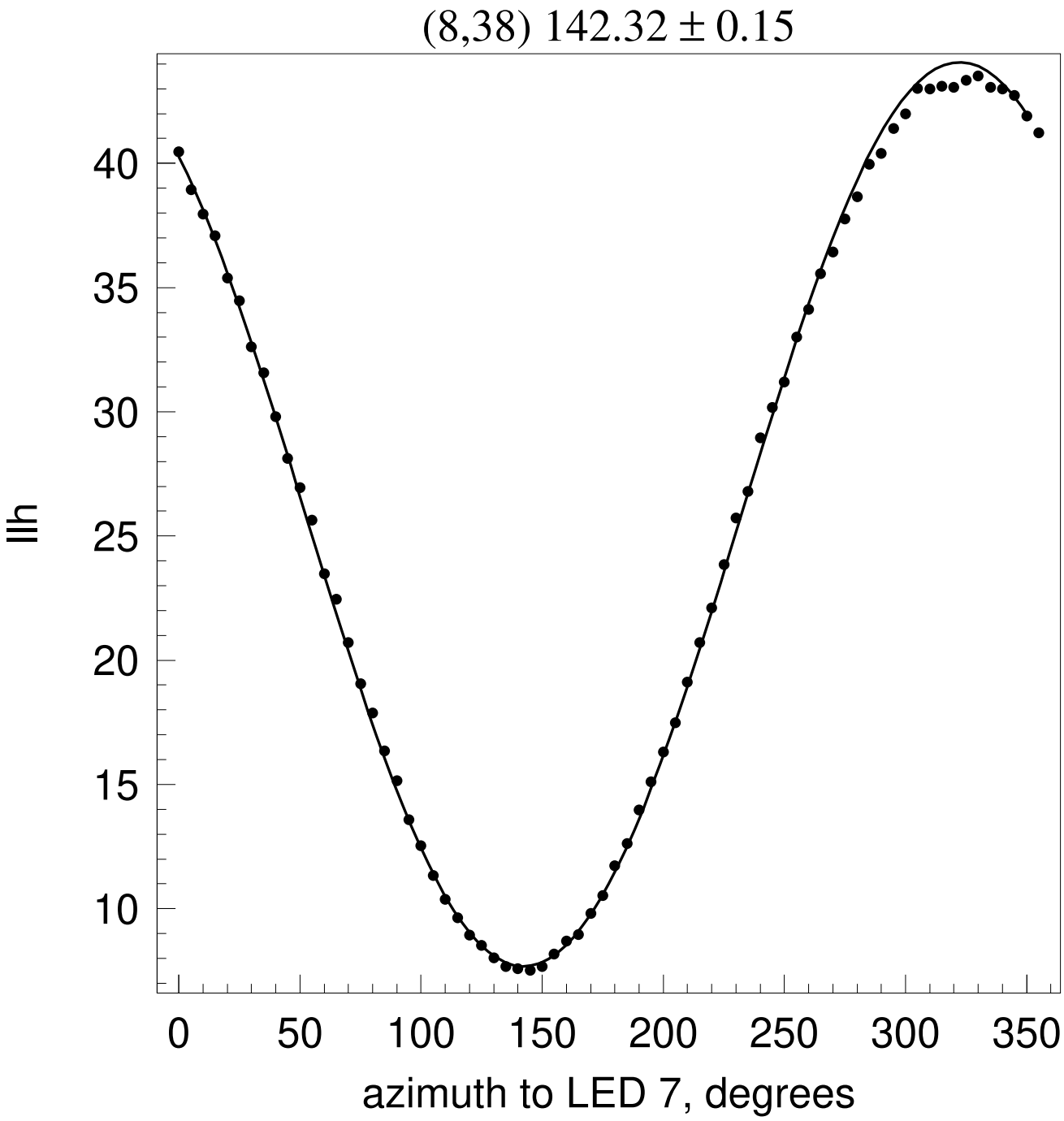

(8,33) 302.75 ± 0.43
32
30
28
26
24
22
20
18
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

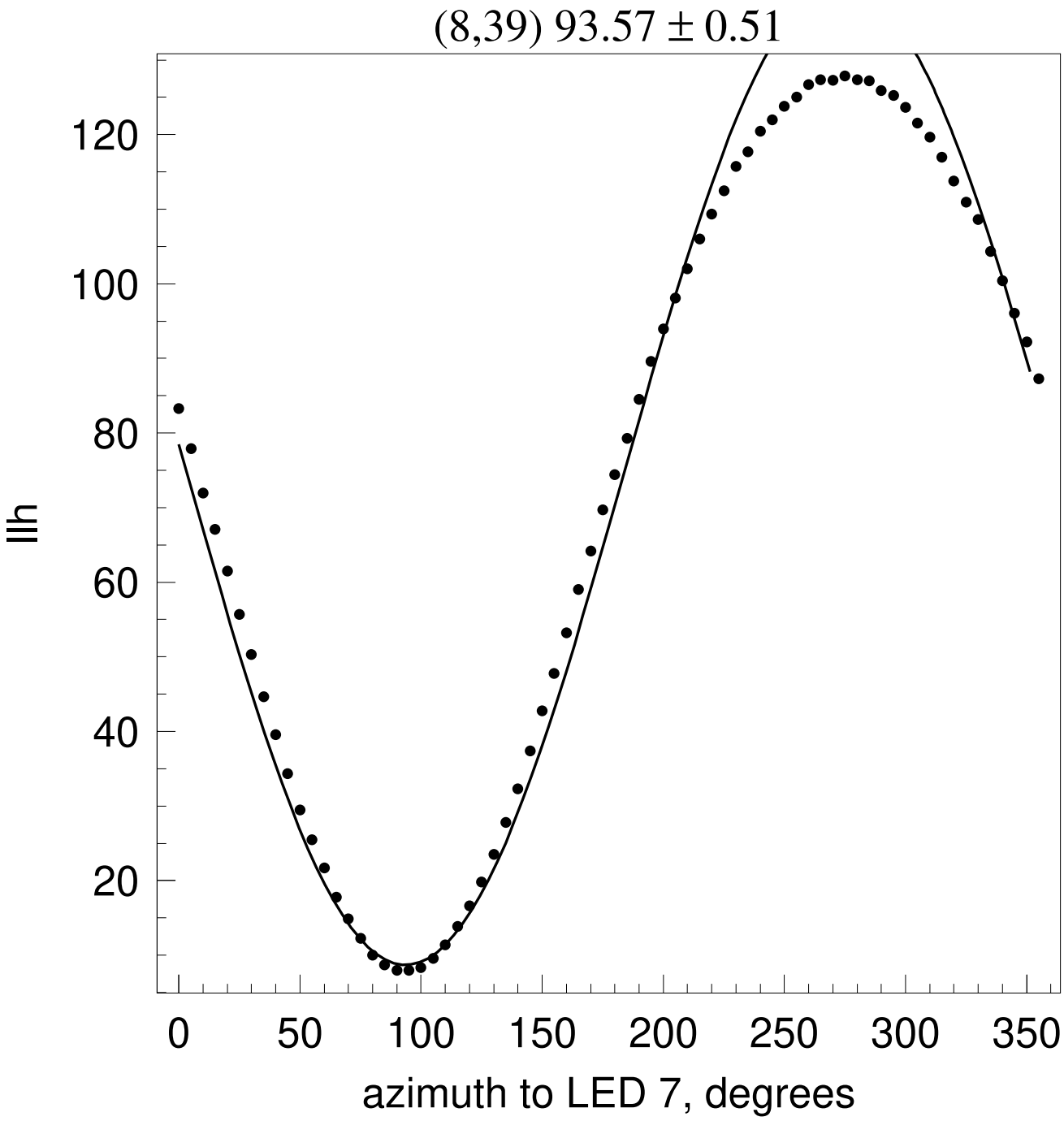

(8,34) 110.55 ± 1.19
32
31
30
29
28
27
26
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

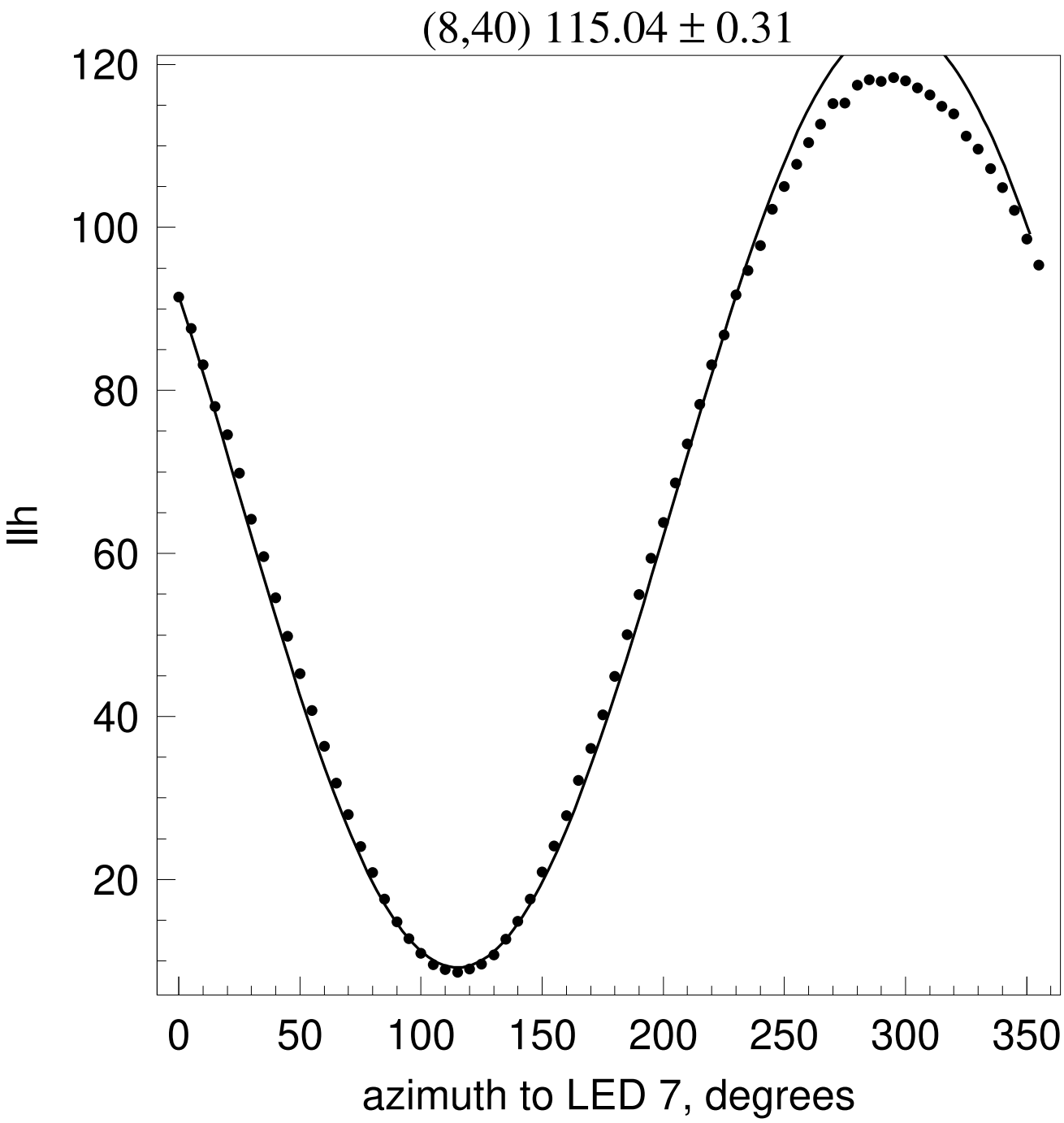

(8,35) 207.39 ± 51.13
35.5
35
34.5
34
33.5
33
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

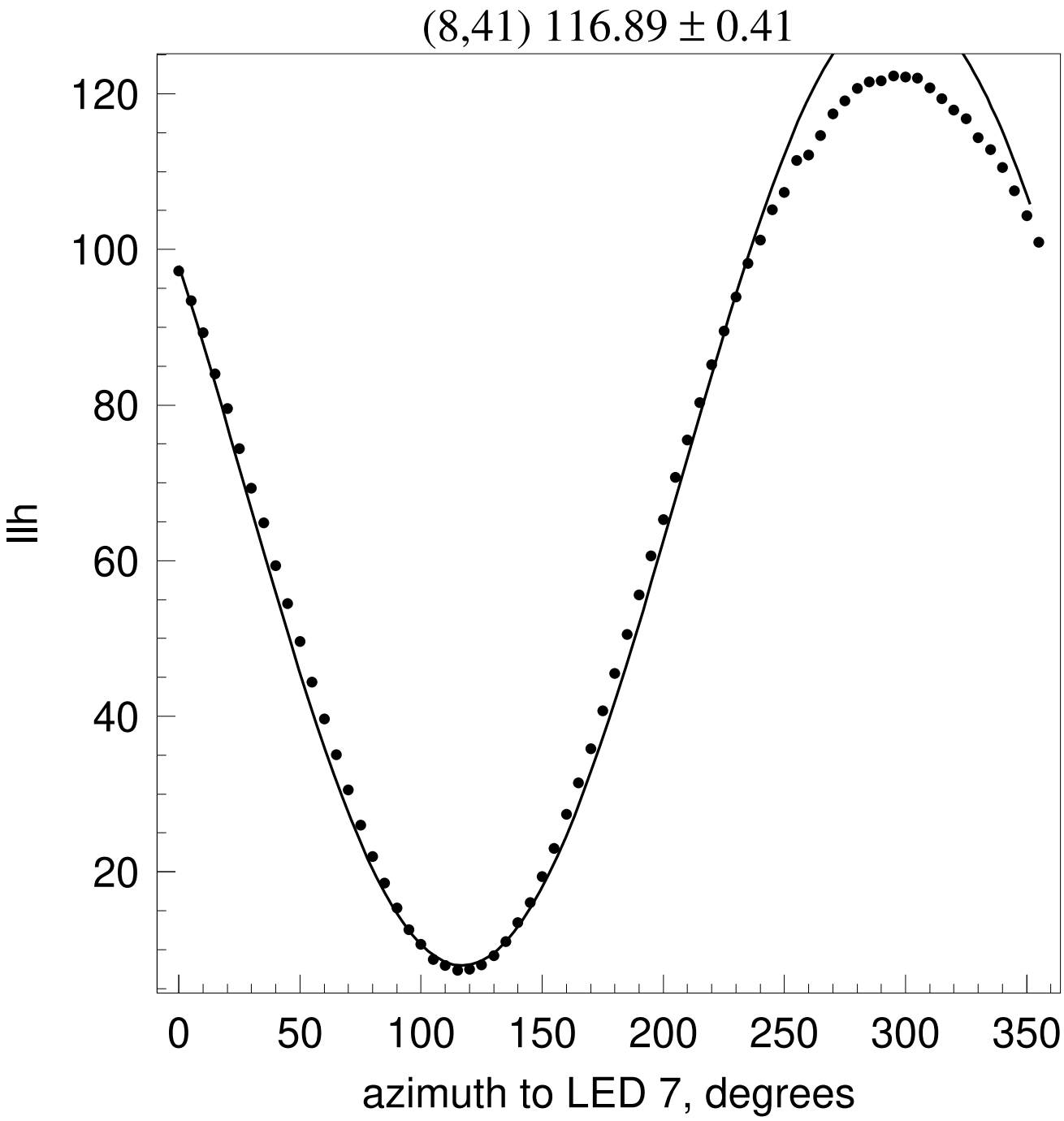

(8,36) 70.86 ± 5.09
35.5
35
34.5
34
33.5
33
32.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

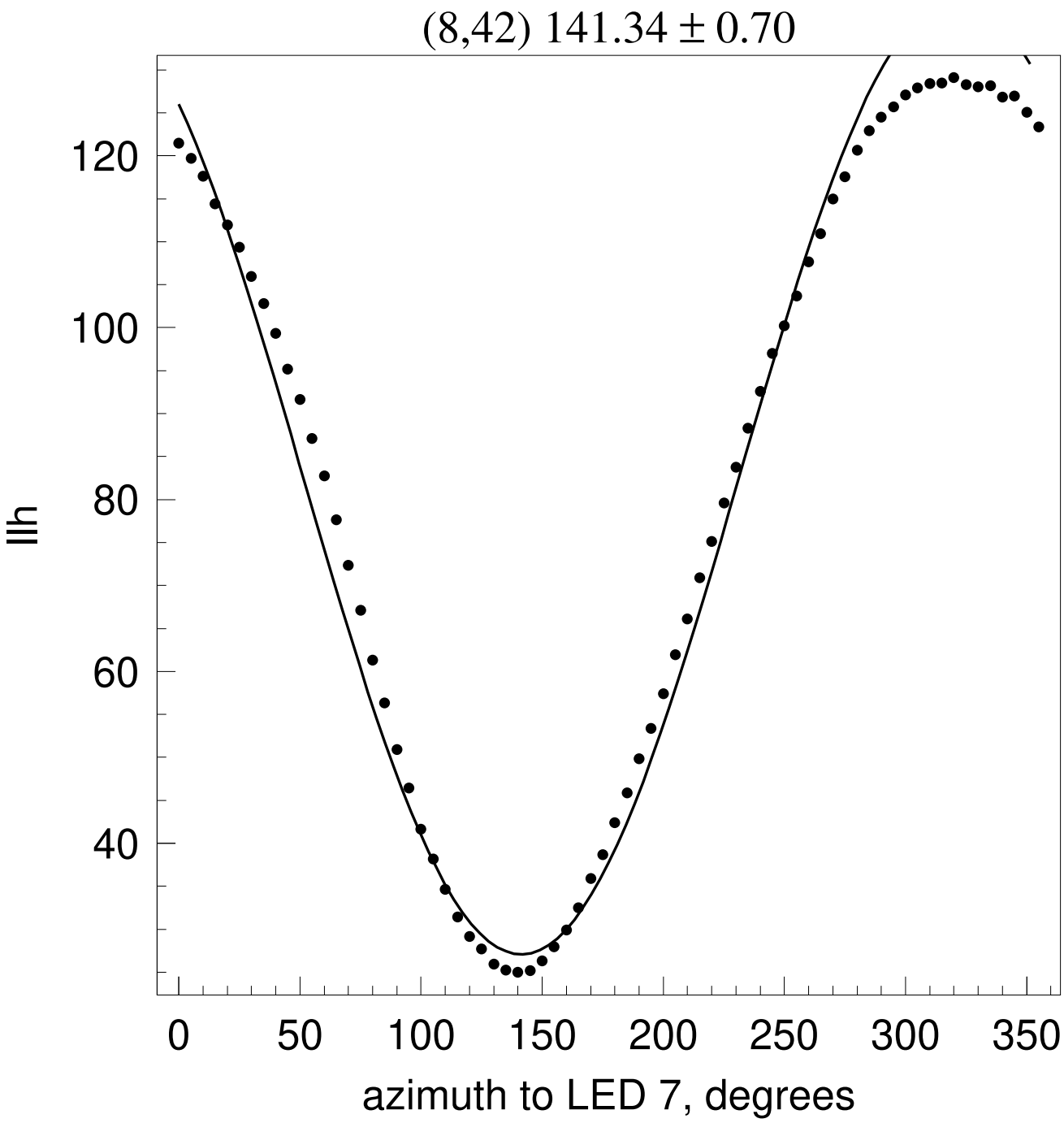

(8,37) 226.11 ± 0.31
36
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

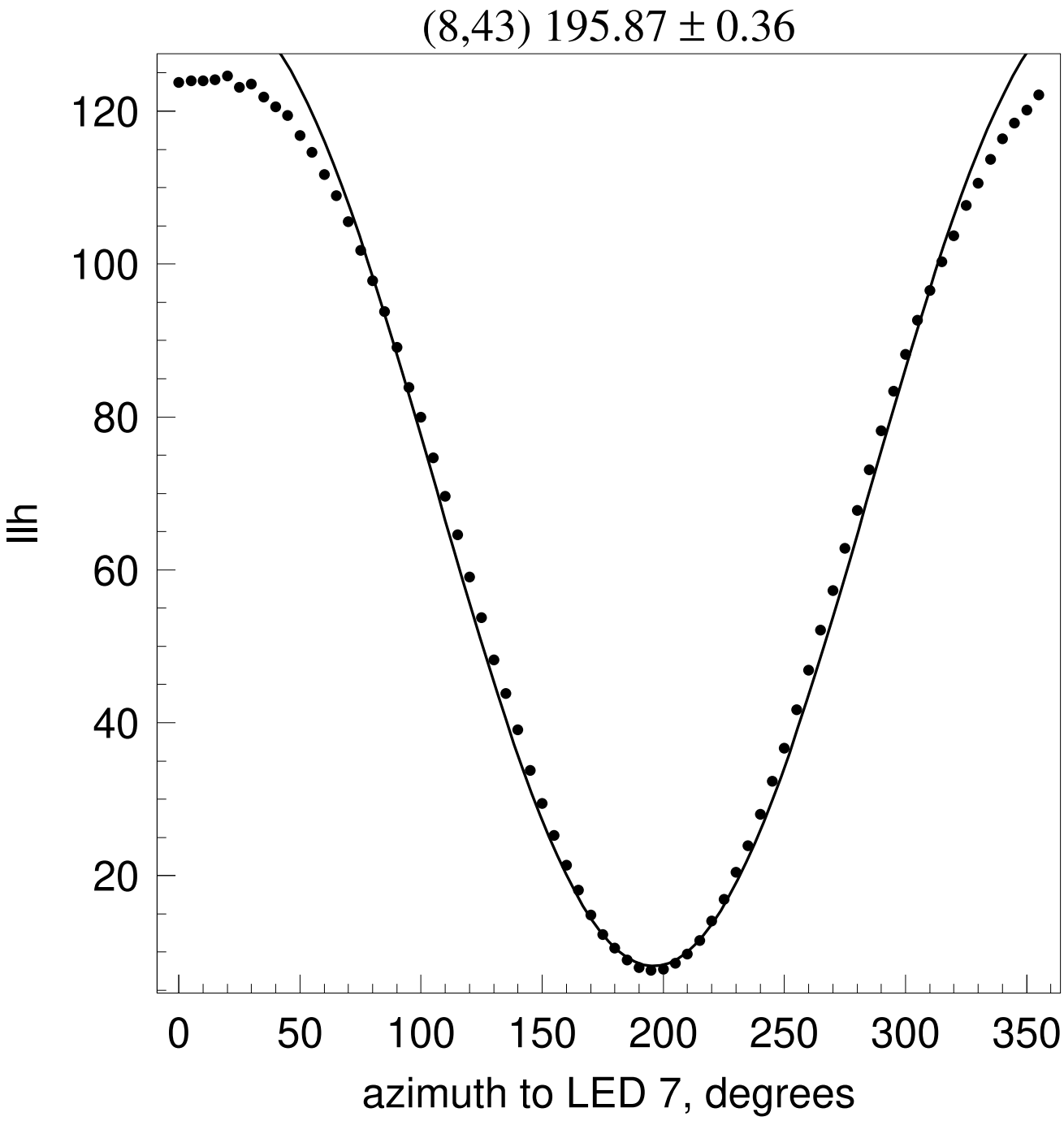

(8,38) 142.32 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

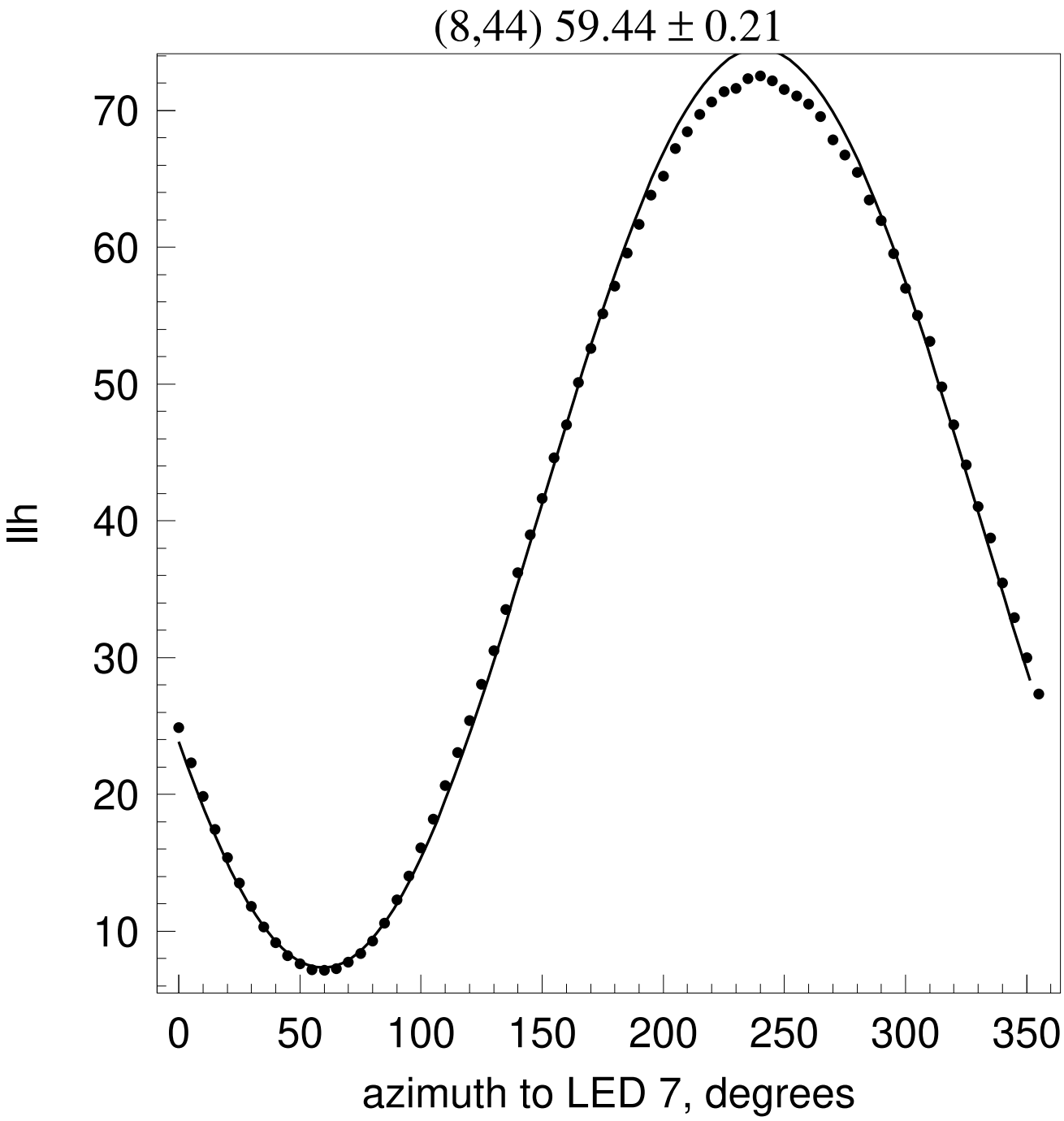

(8,39) 93.57 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

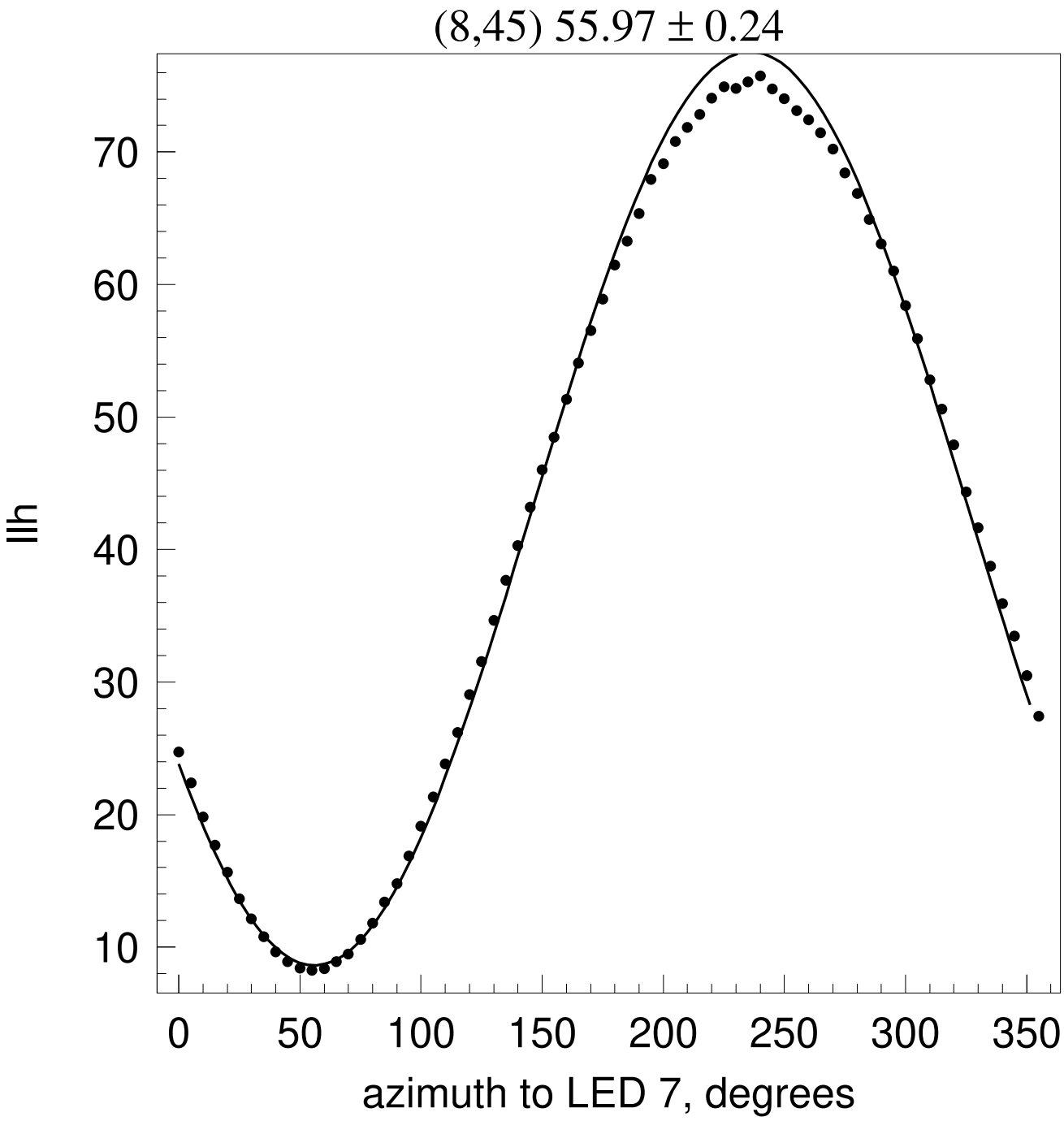

(8,40) 115.04 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

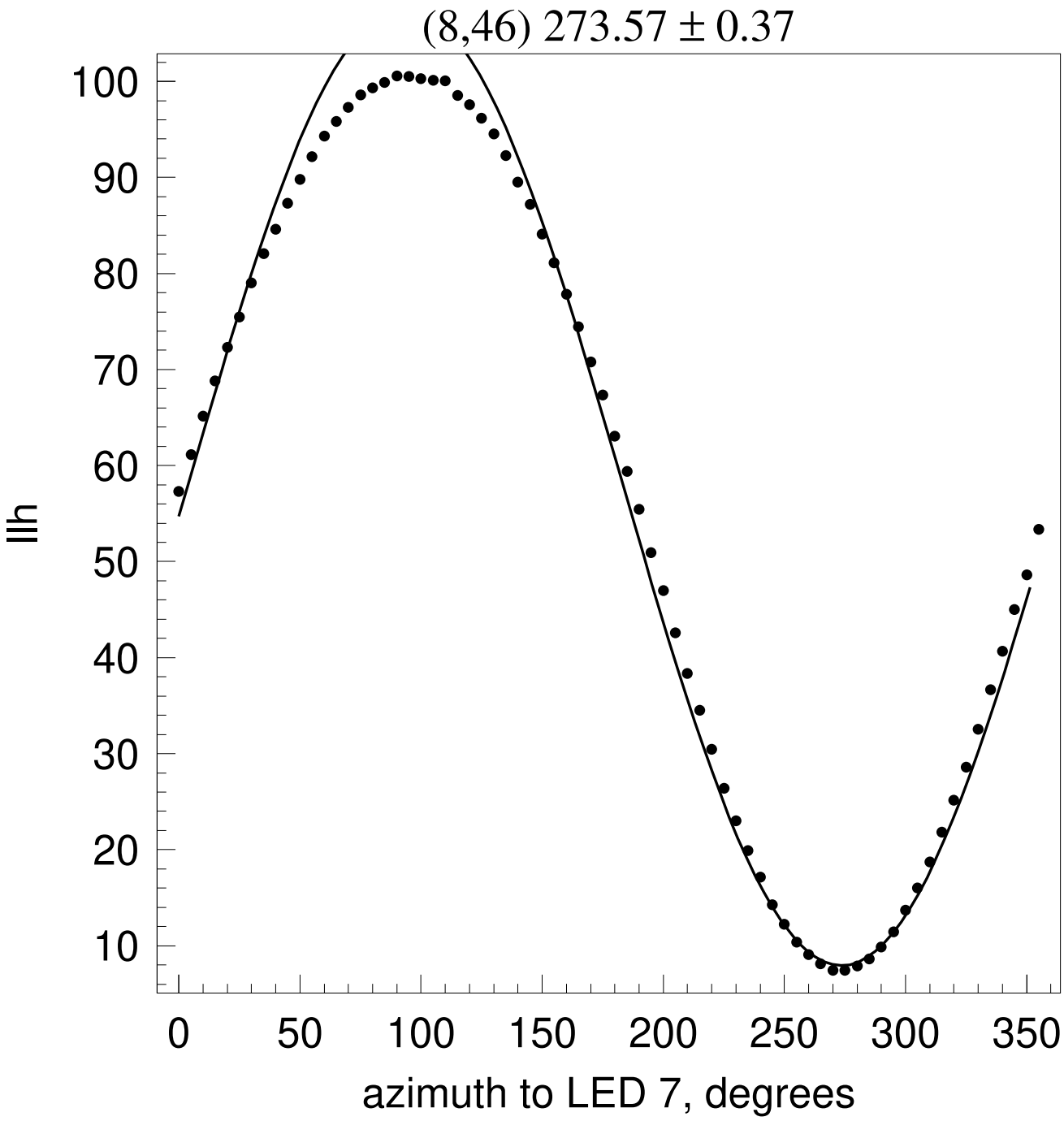

(8,41) 116.89 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

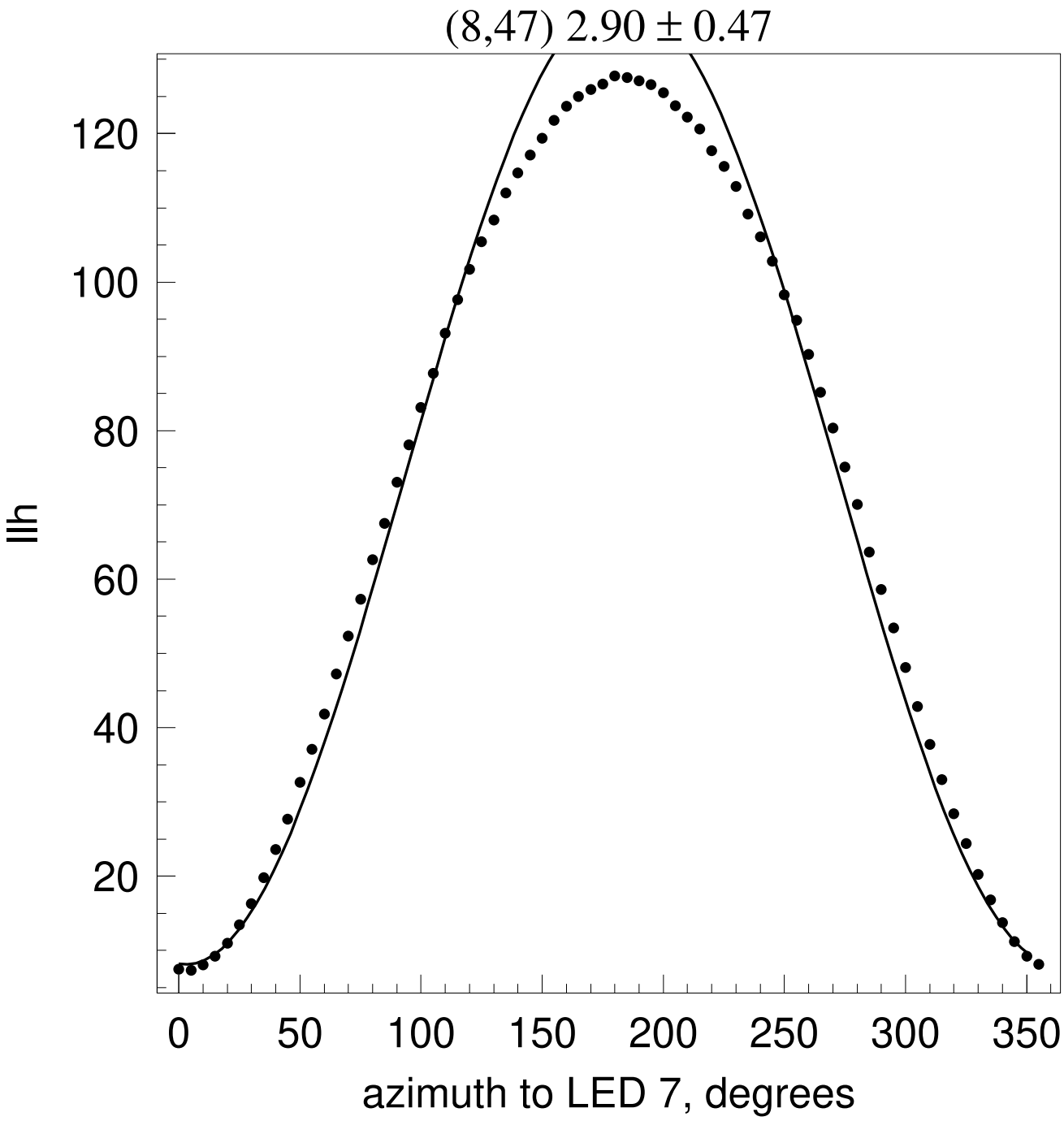

(8,42) 141.34 ± 0.70
120
100
80
60
40
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

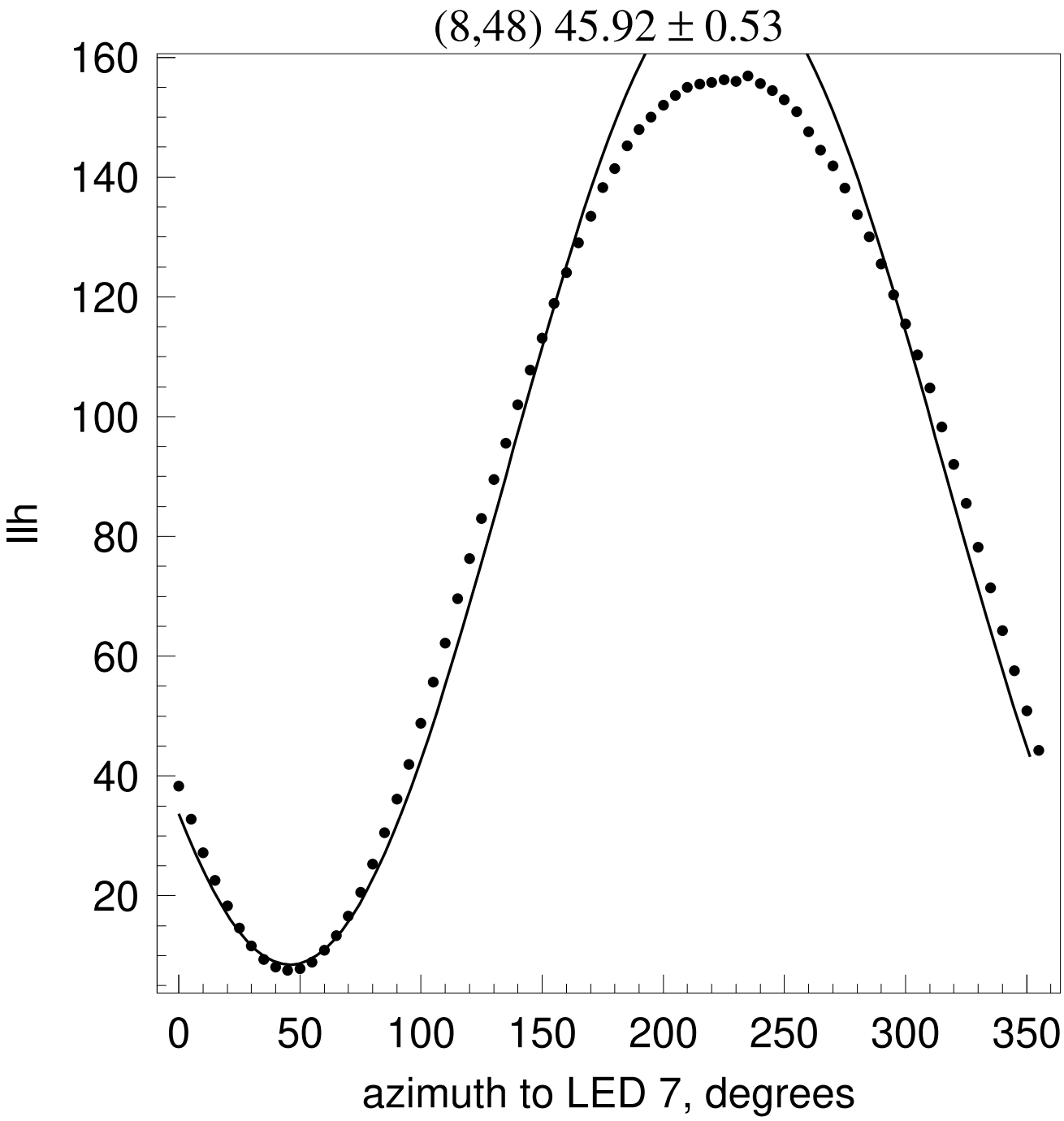

(8,43) 195.87 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

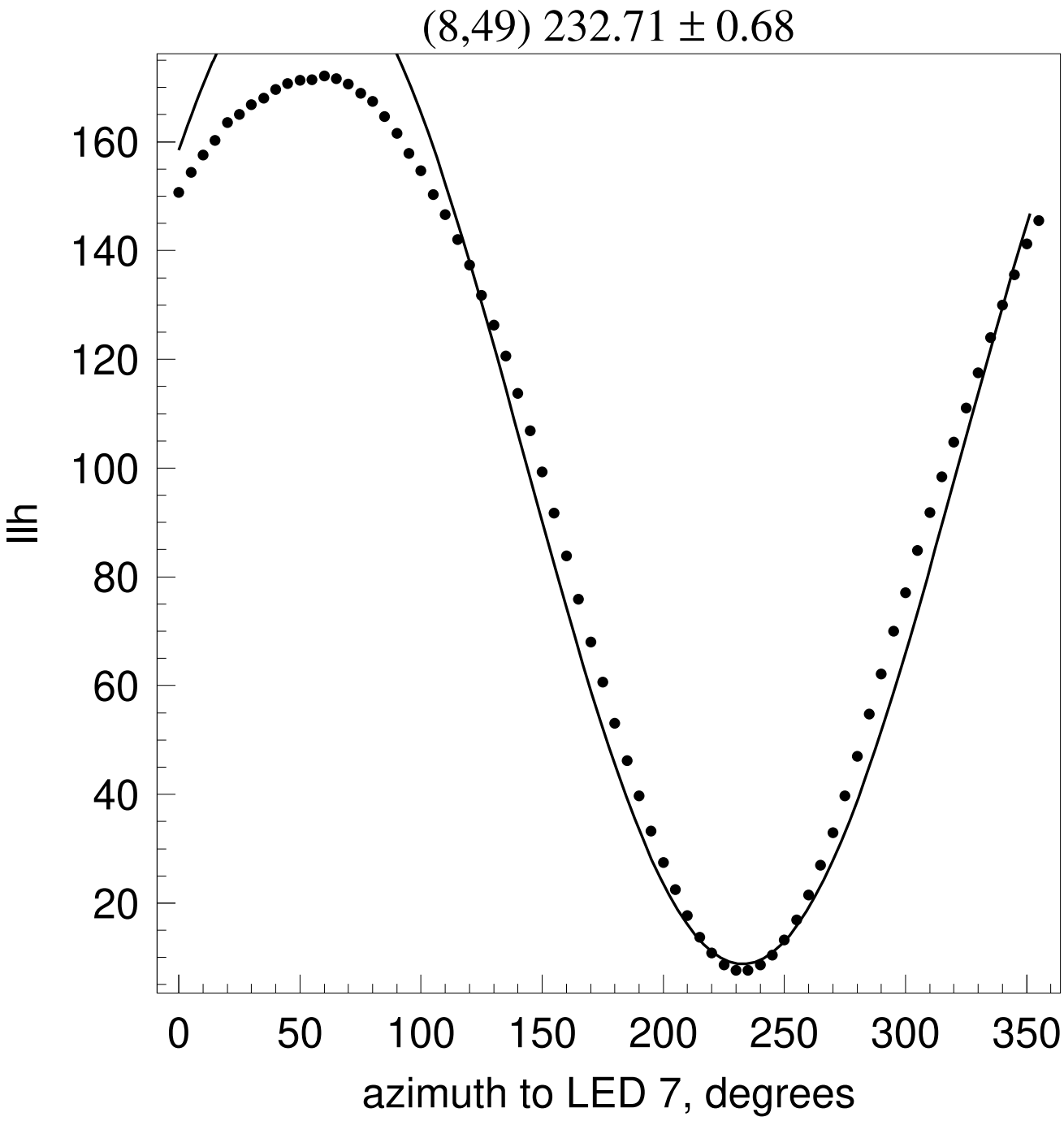

(8,44) 59.44 ± 0.21
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

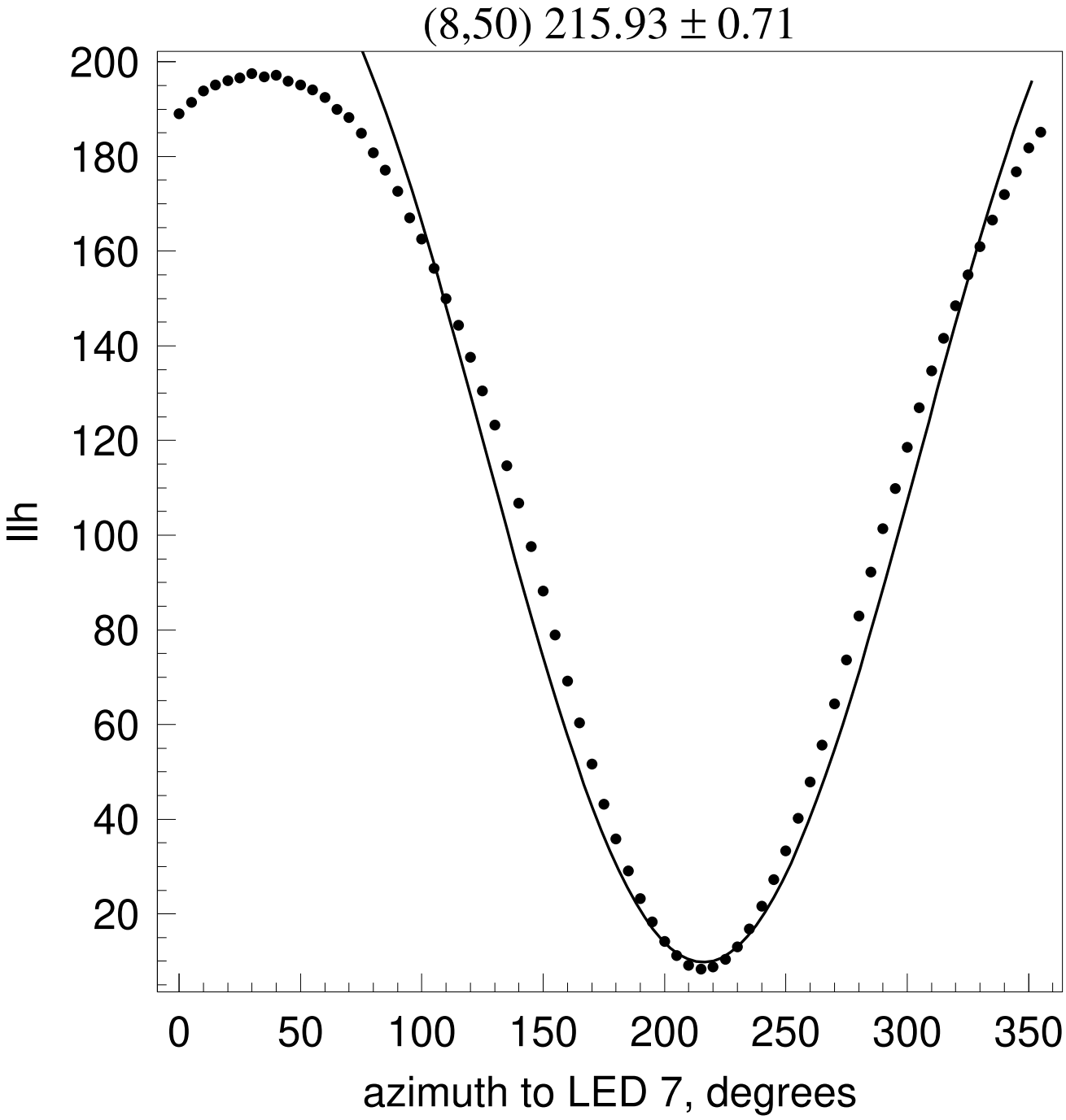

(8,45) 55.97 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

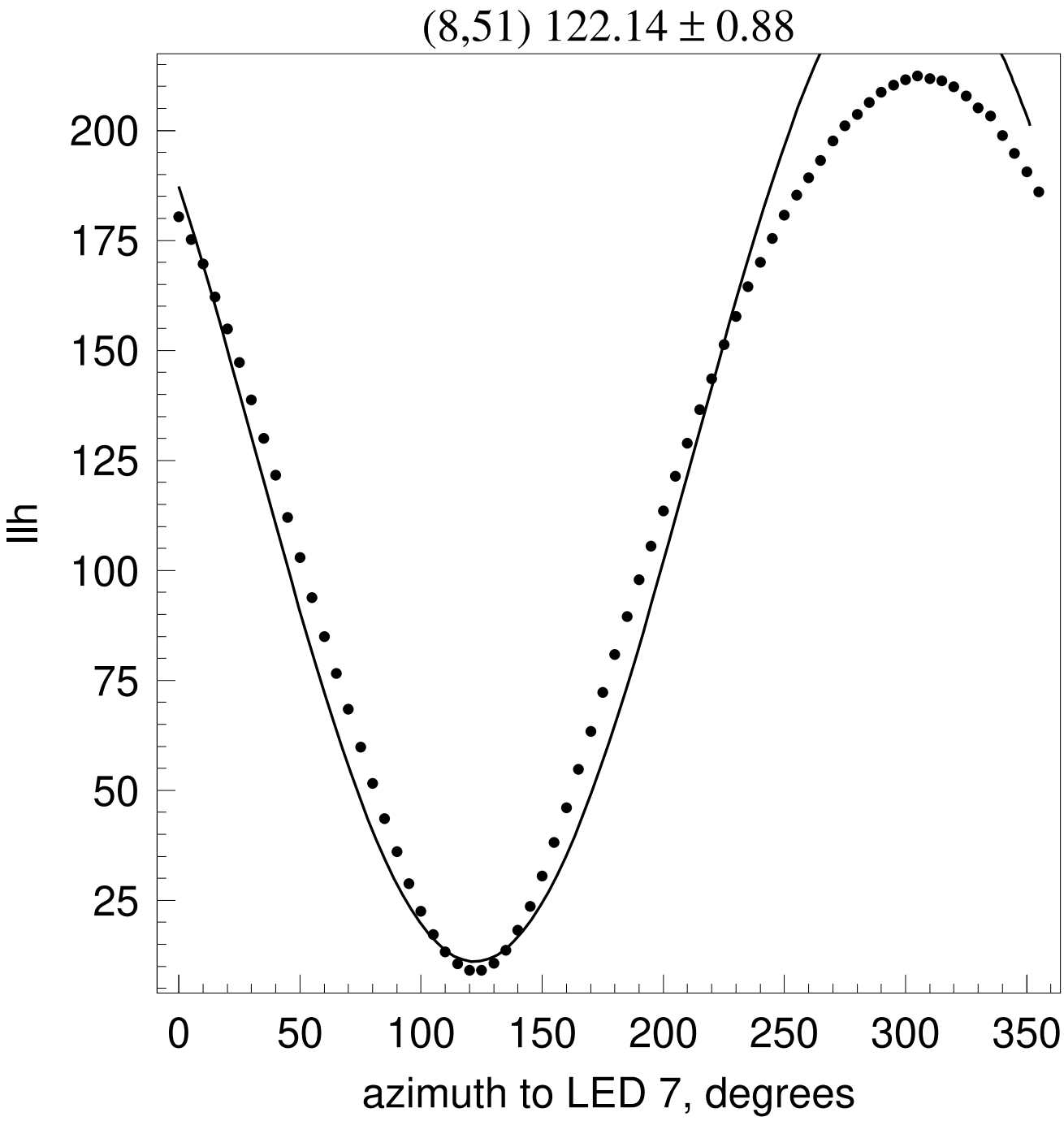

(8,46) 273.57 ± 0.37
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

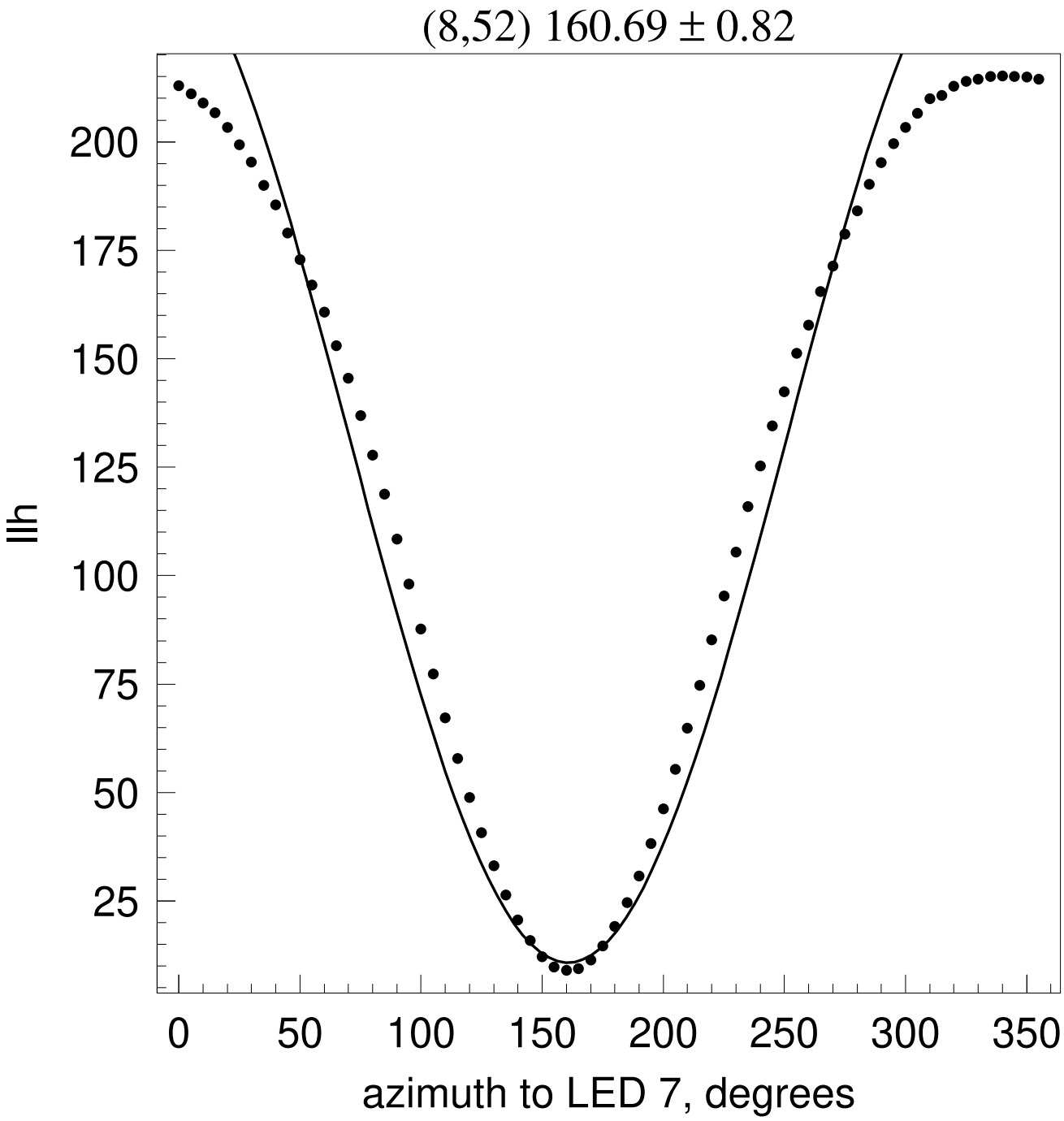

(8,47) 2.90 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

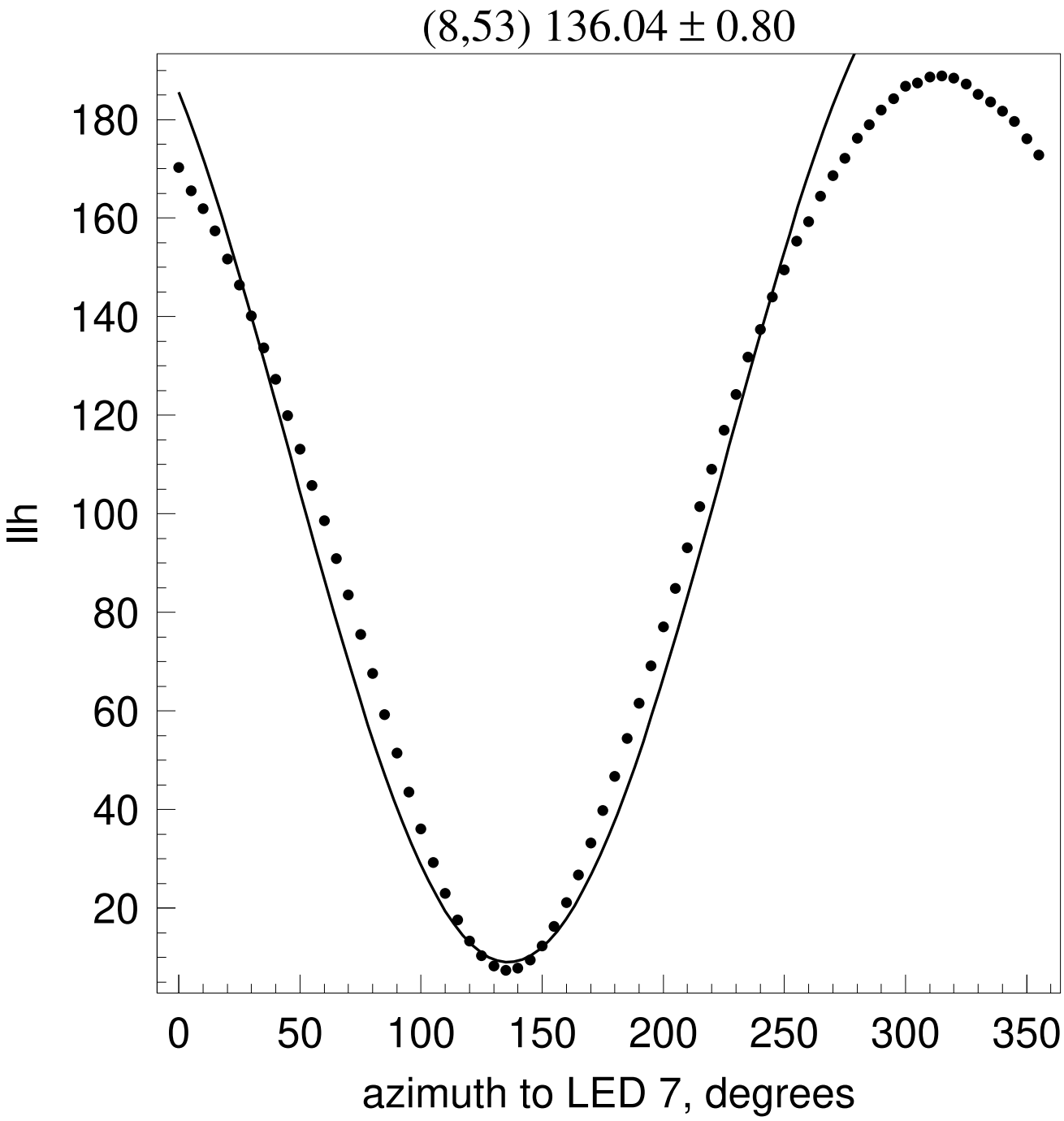

(8,48) 45.92 ± 0.53
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

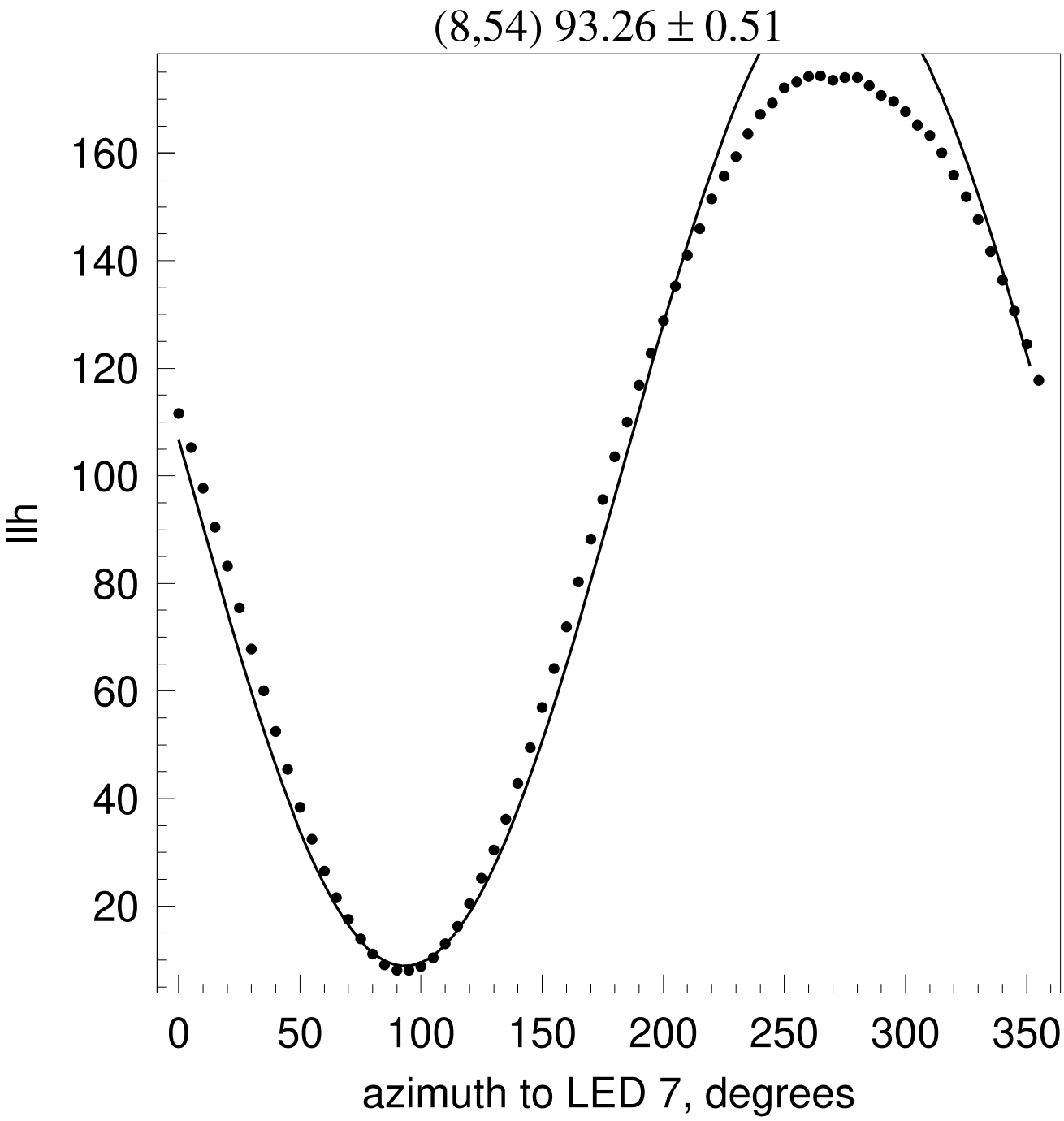

(8,49) 232.71 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

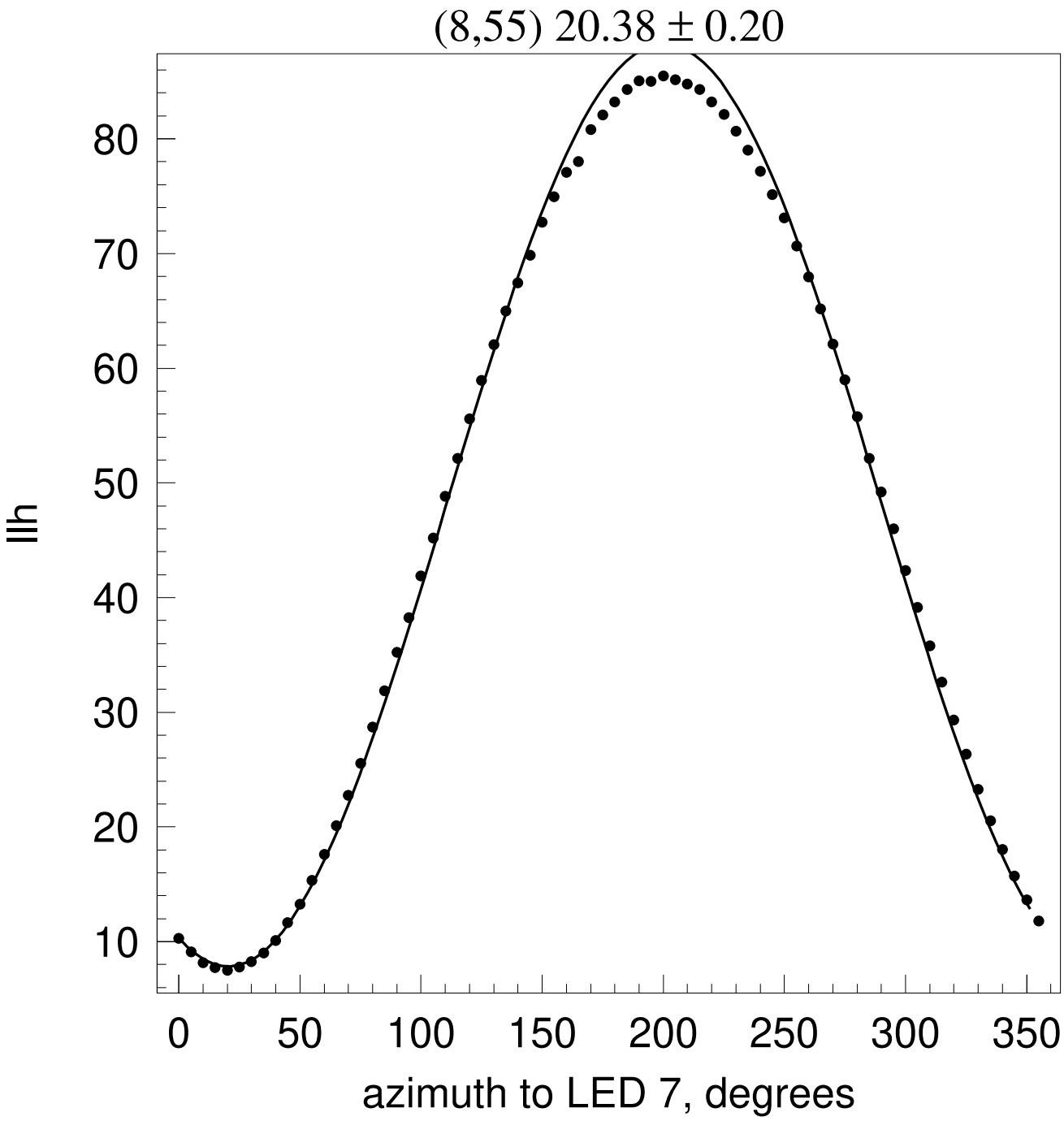

(8,50) 215.93 ± 0.71
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

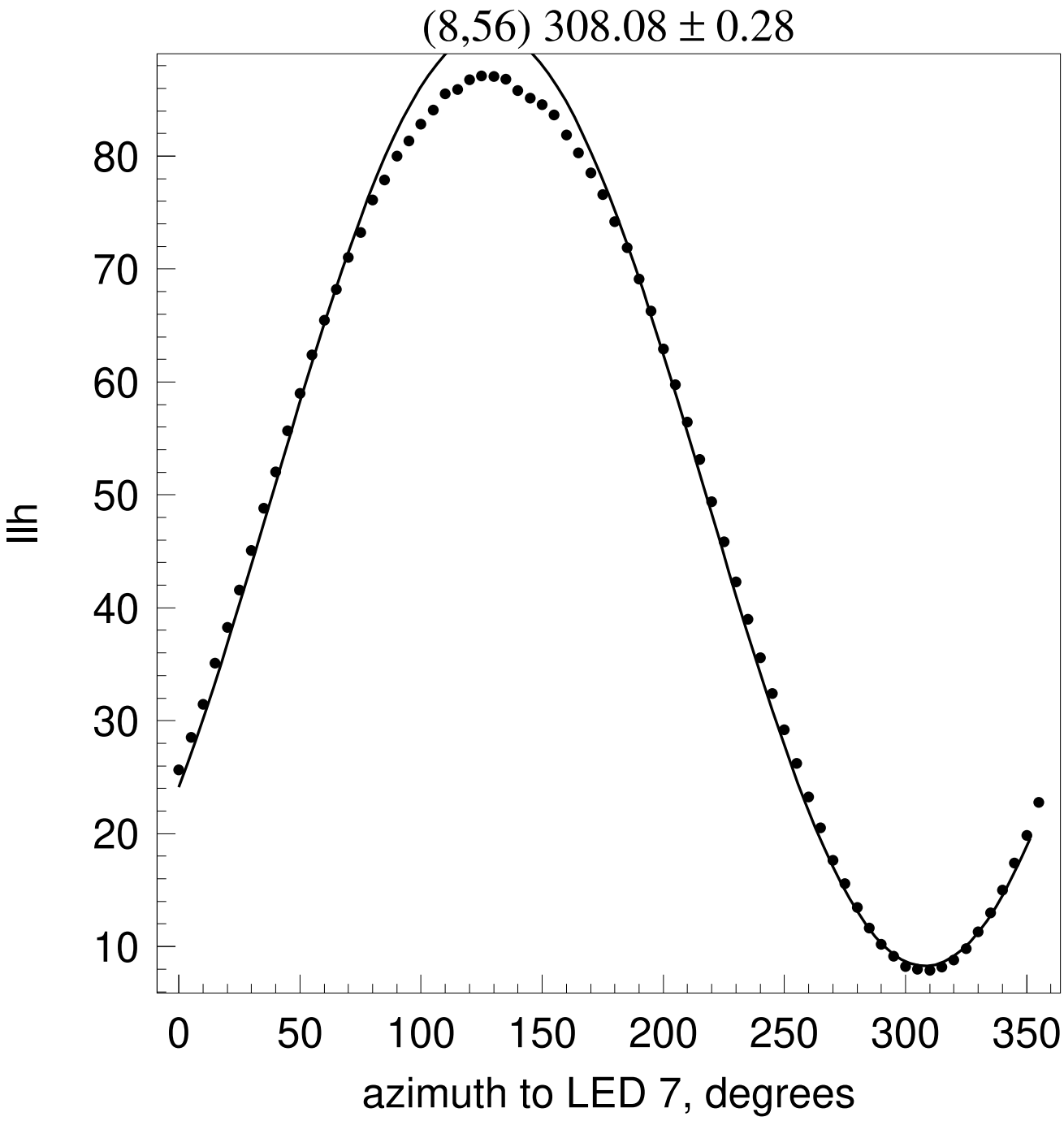

(8,51) 122.14 ± 0.88
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

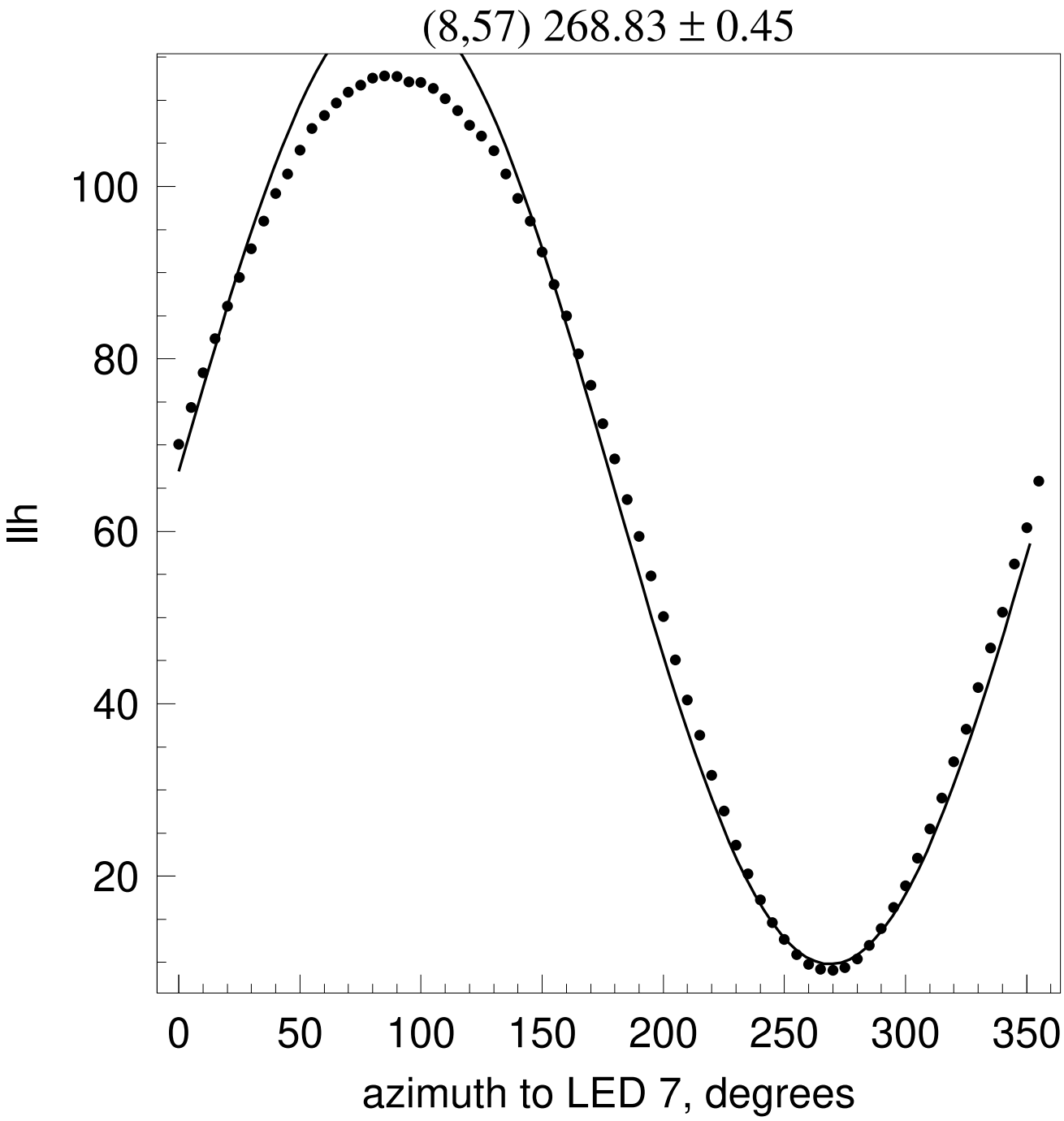

(8,52) 160.69 ± 0.82
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

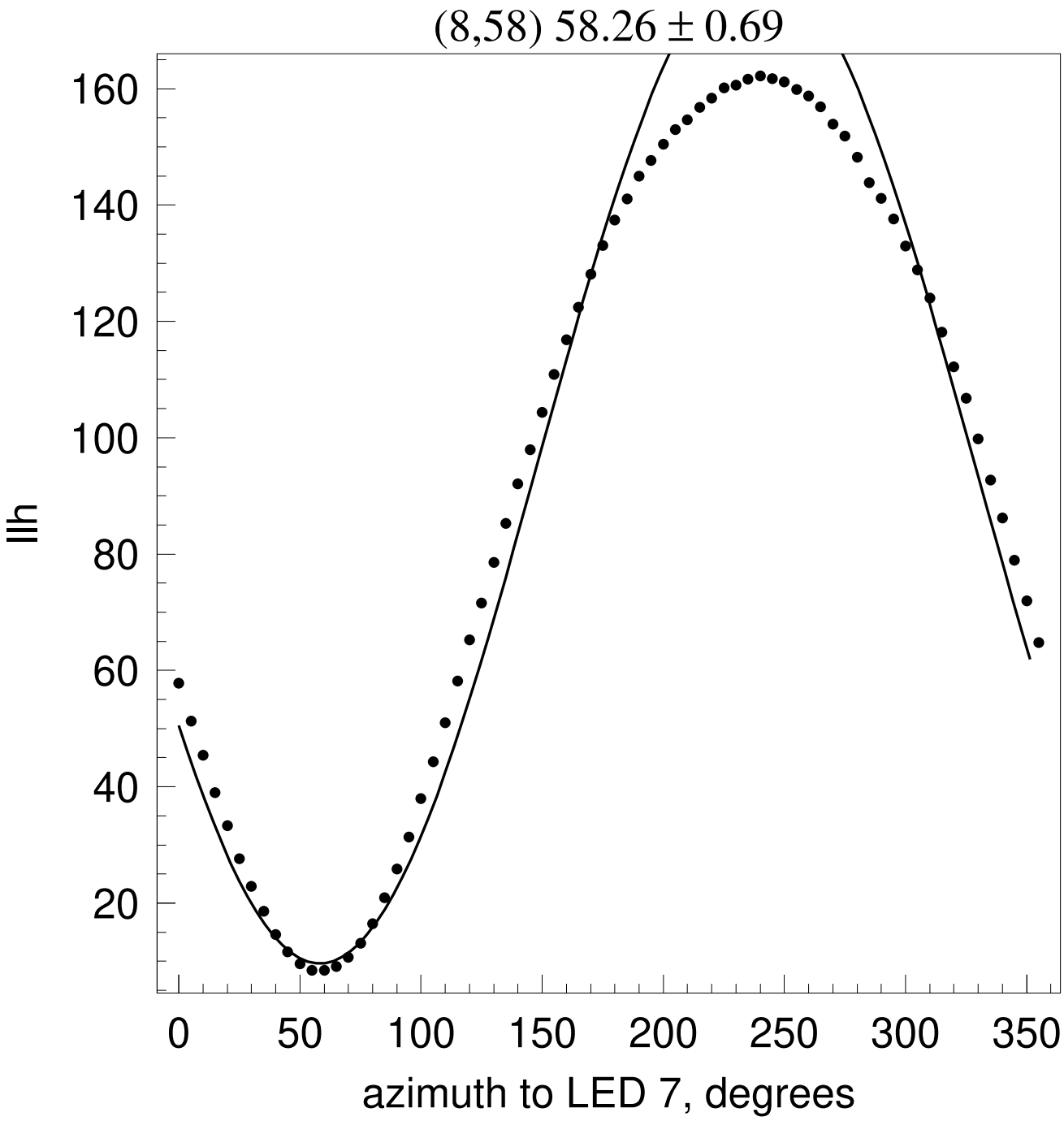

(8,53) 136.04 ± 0.80
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

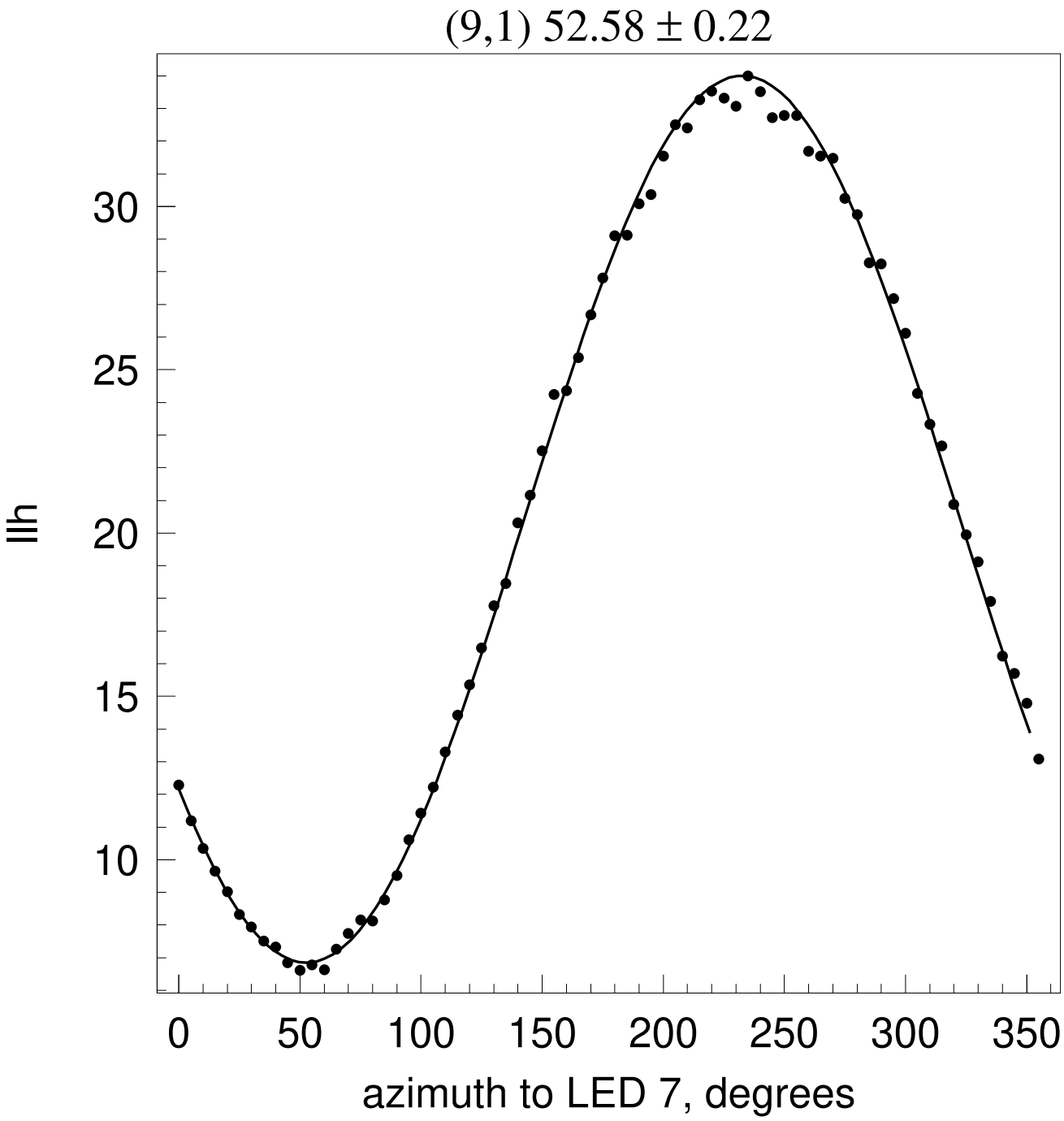

(8,54) 93.26 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

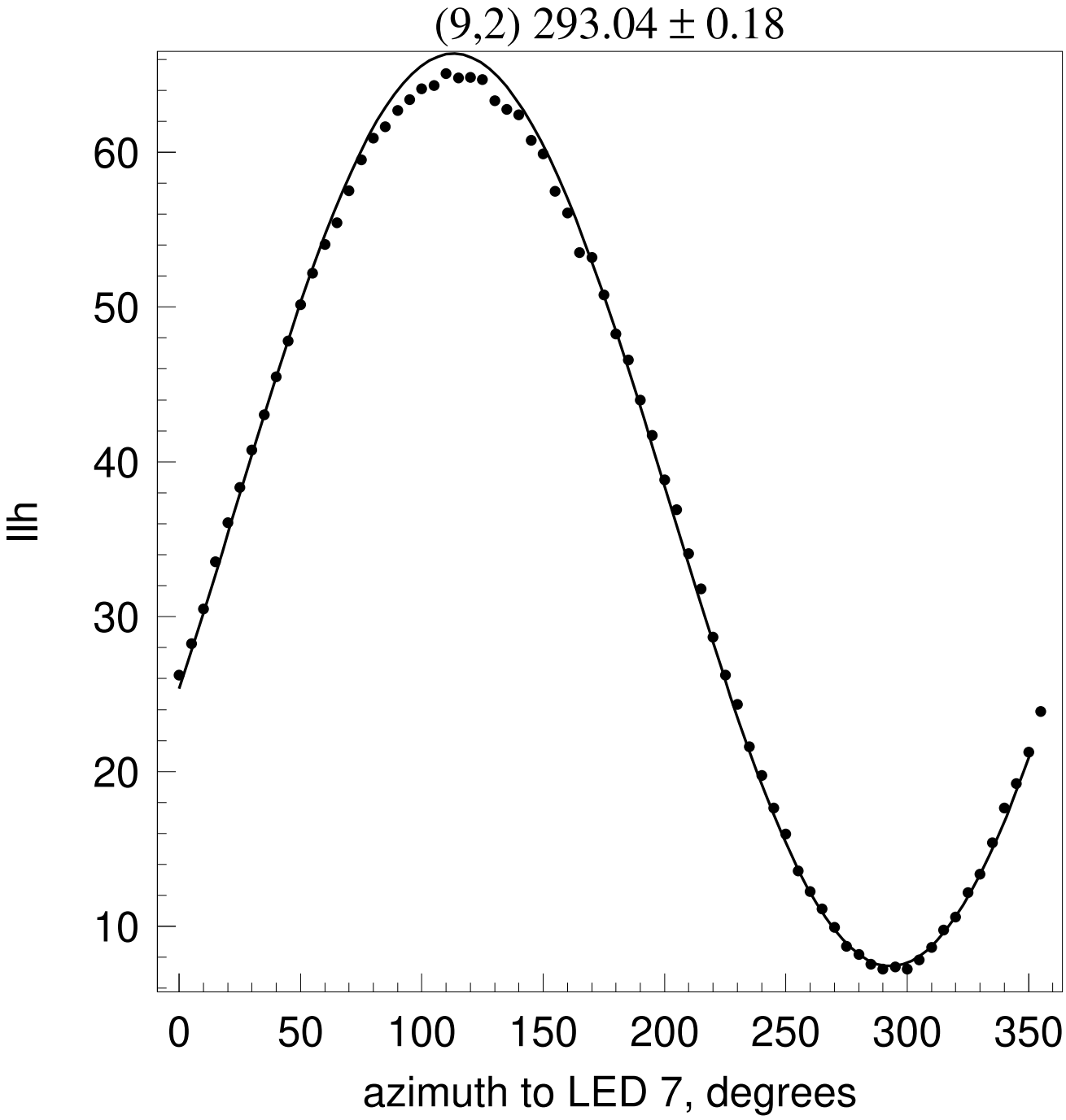

(8,55) 20.38 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

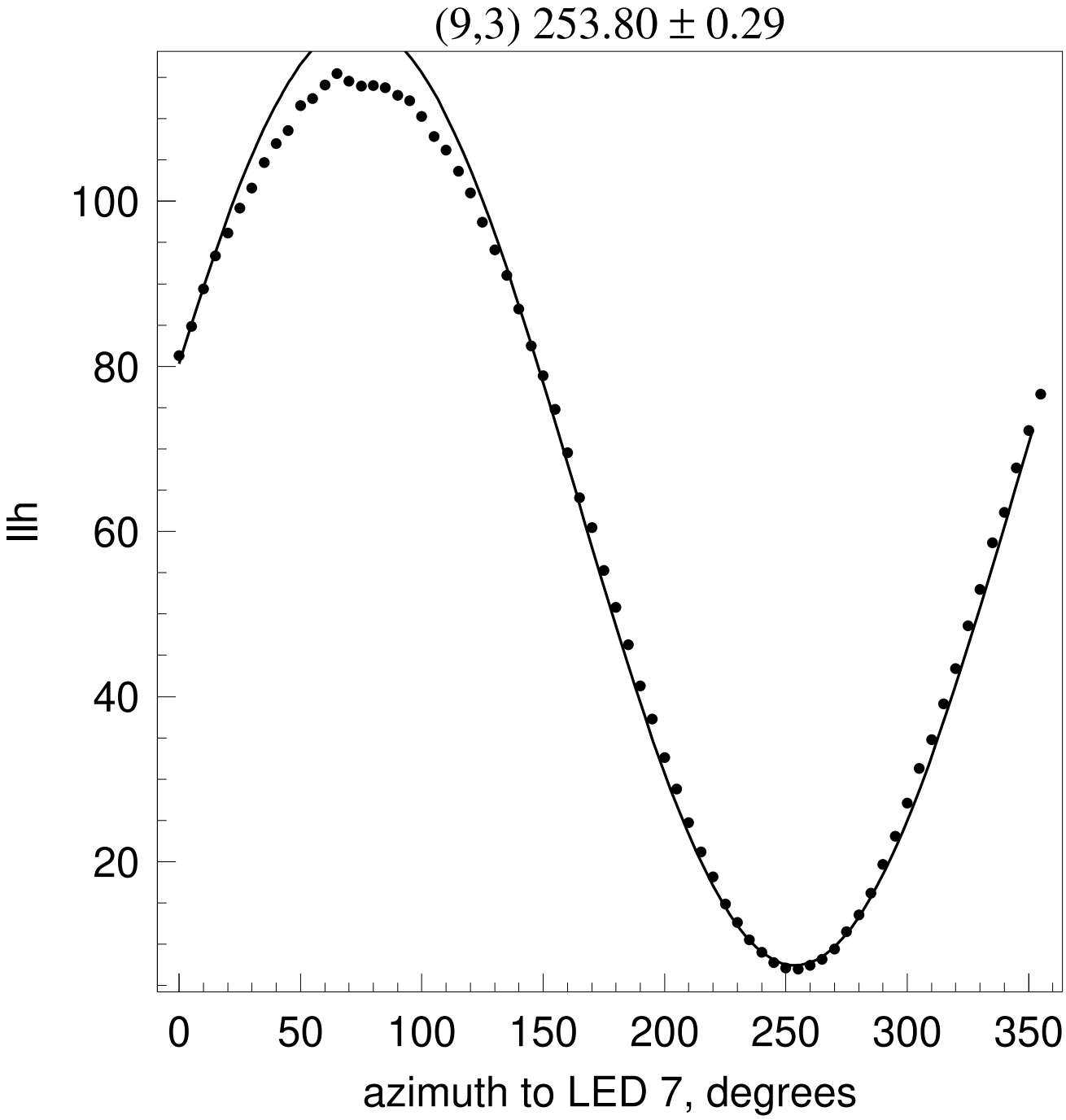

(8,56) 308.08 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

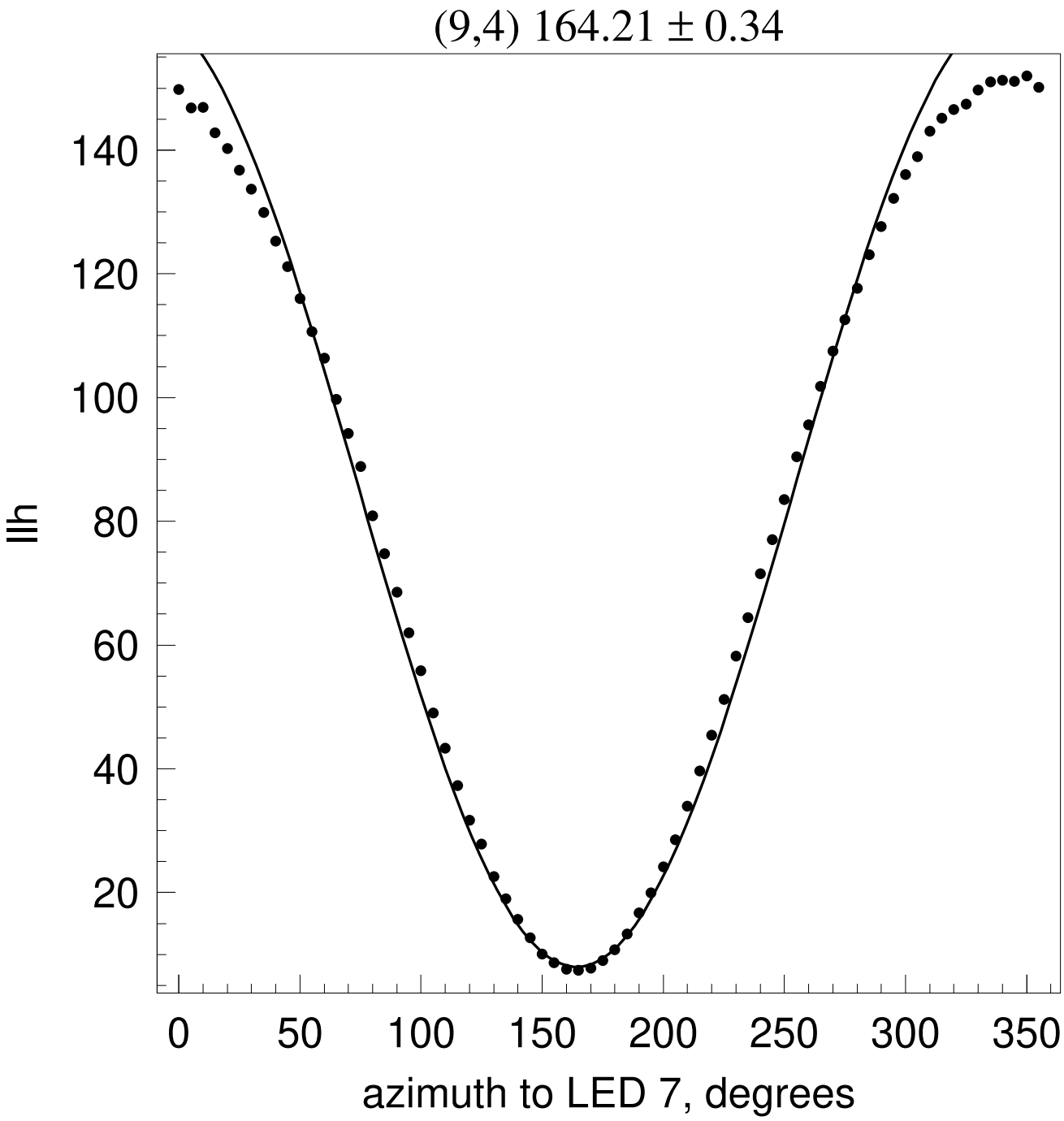

(8,57) 268.83 ± 0.45
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

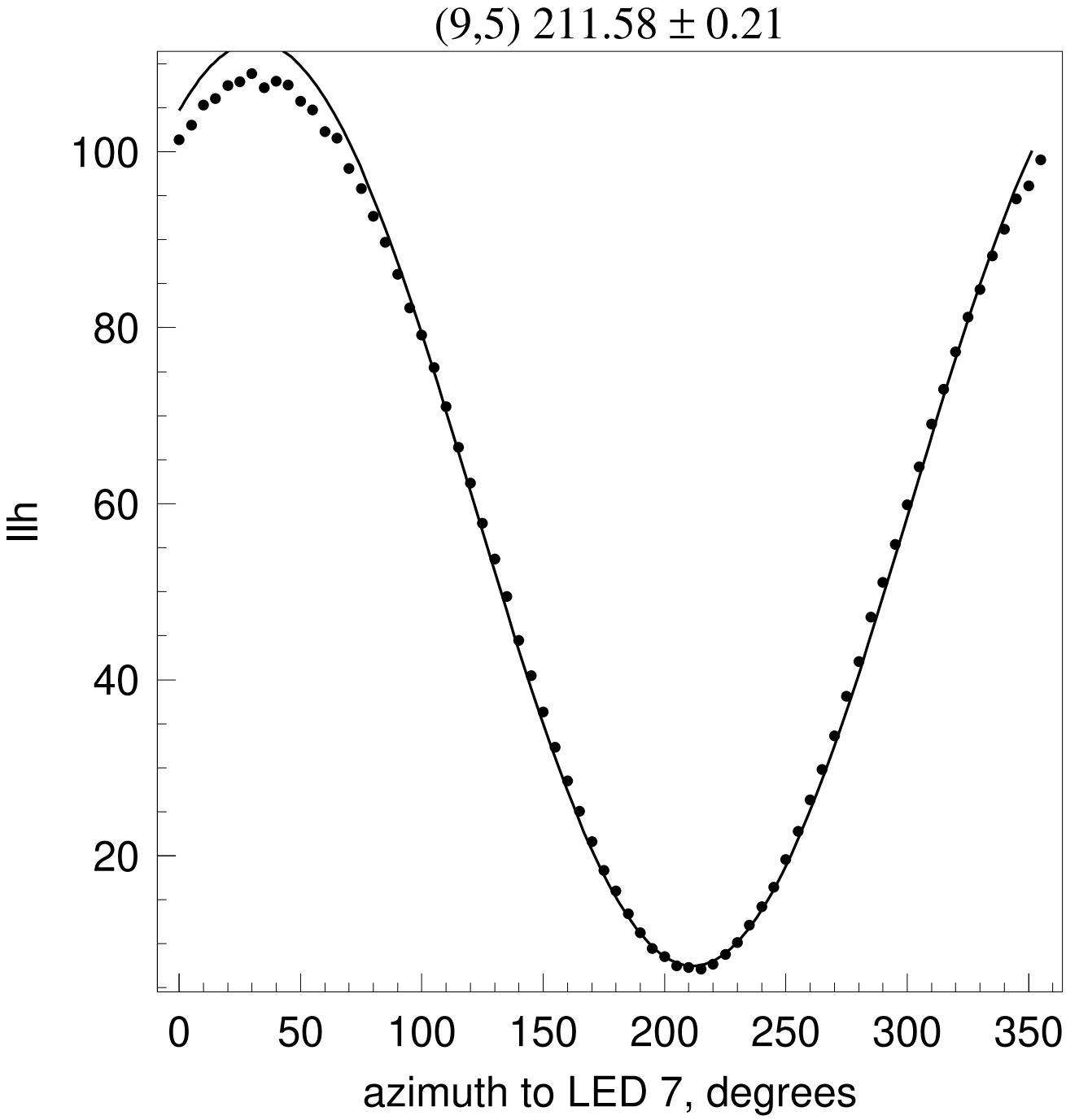

(8,58) 58.26 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

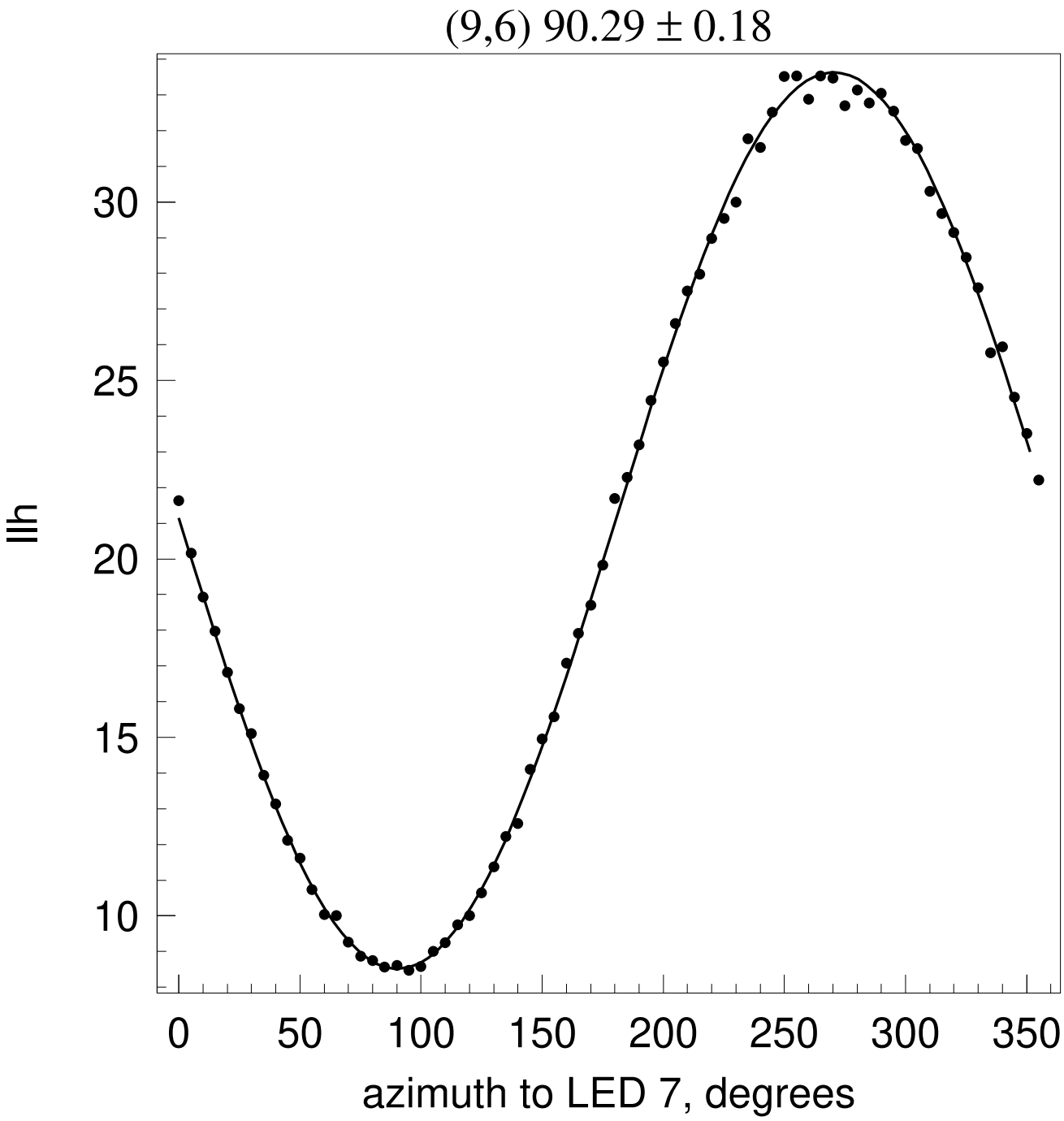

(9,1) 52.58 ± 0.22
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

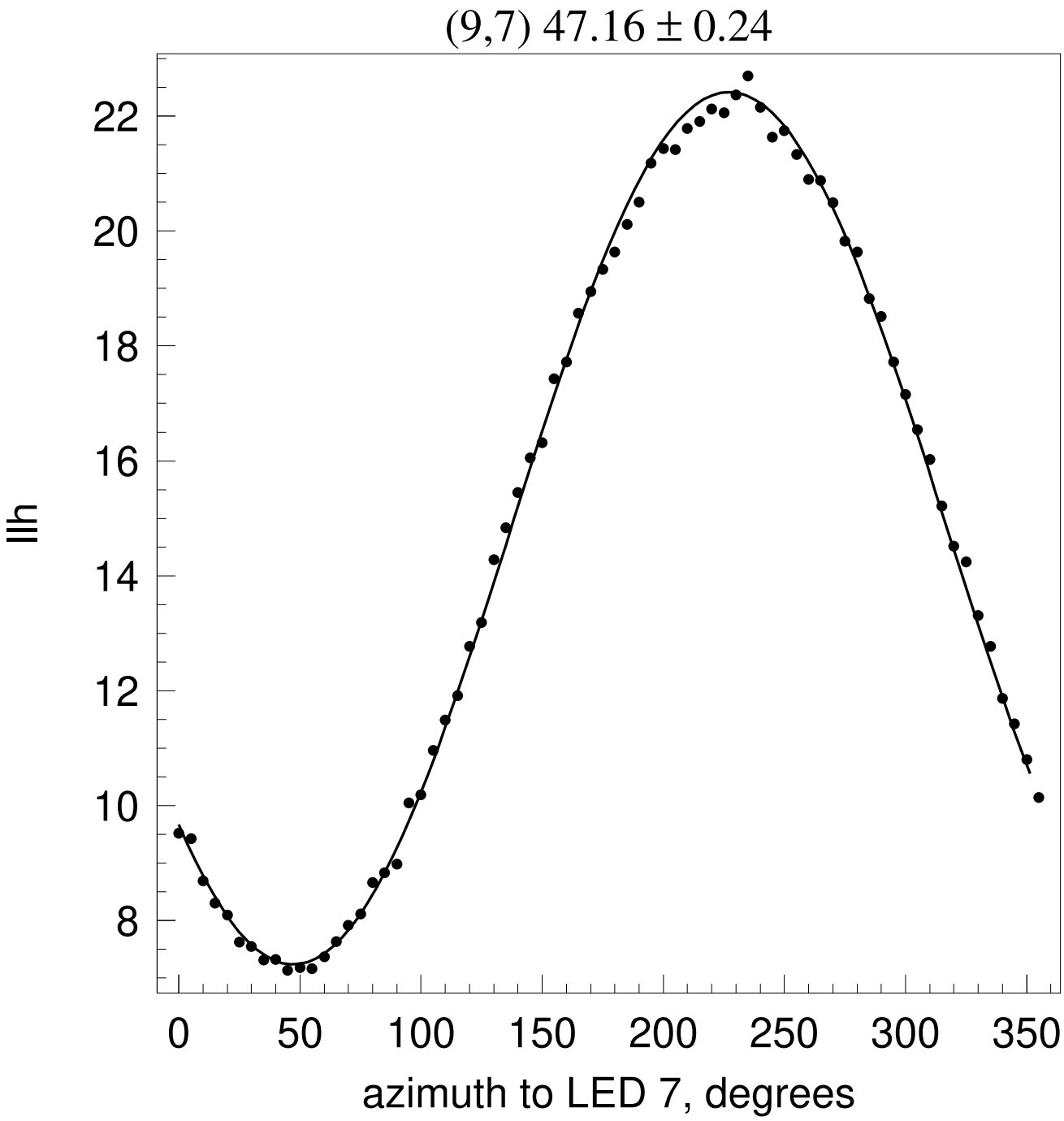

(9,2) 293.04 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

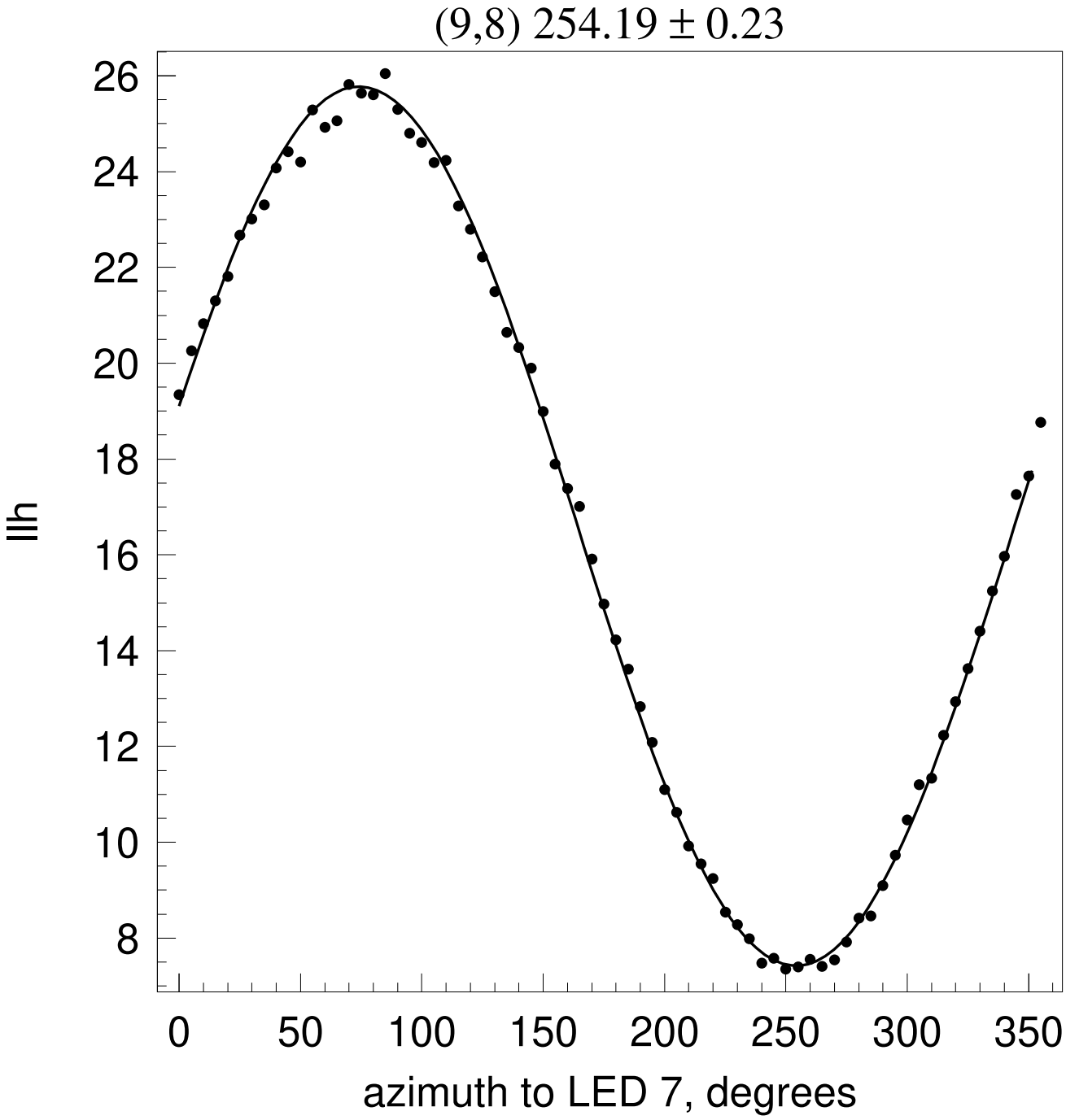

(9,3) 253.80 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

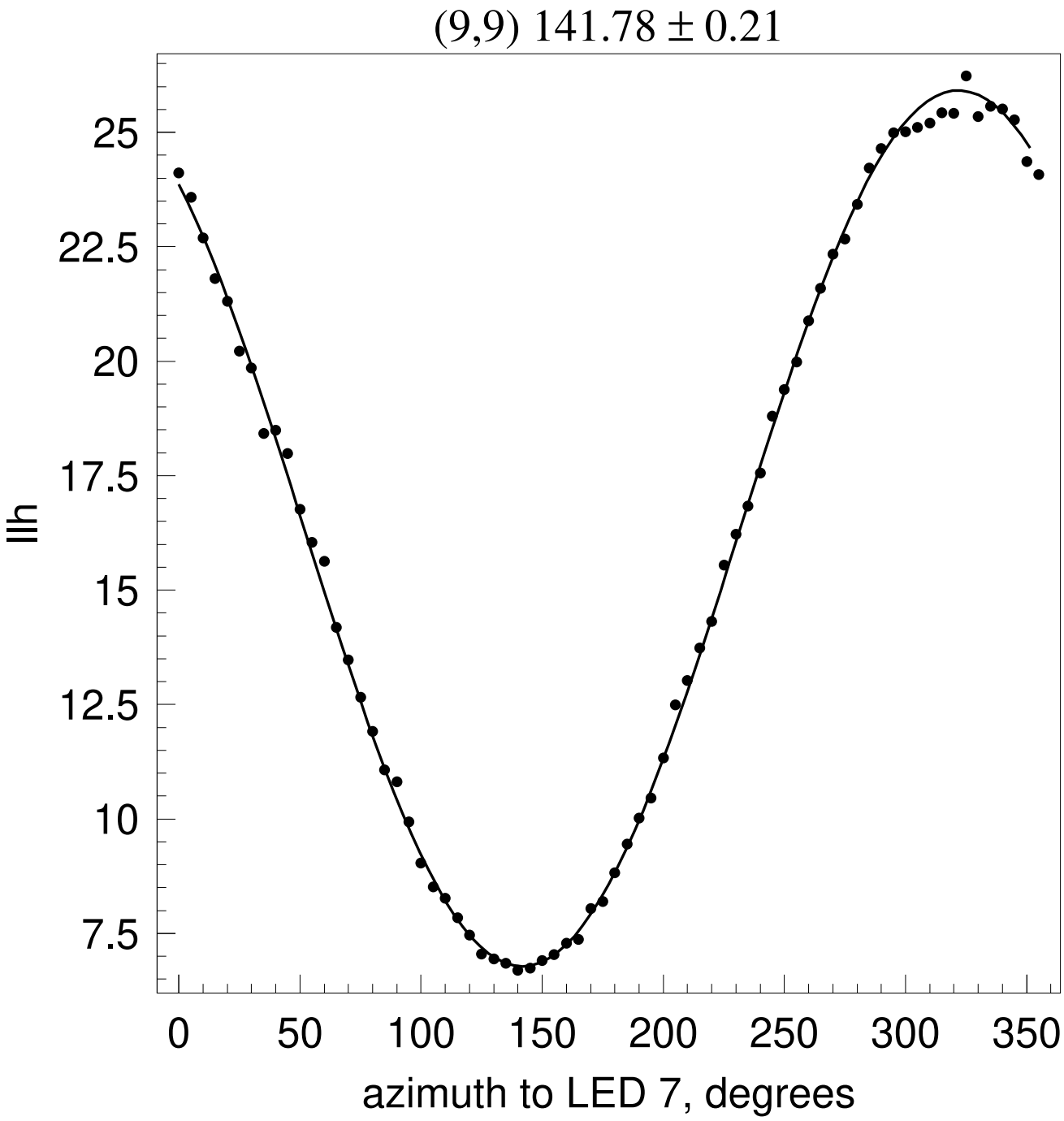

(9,4) 164.21 ± 0.34
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

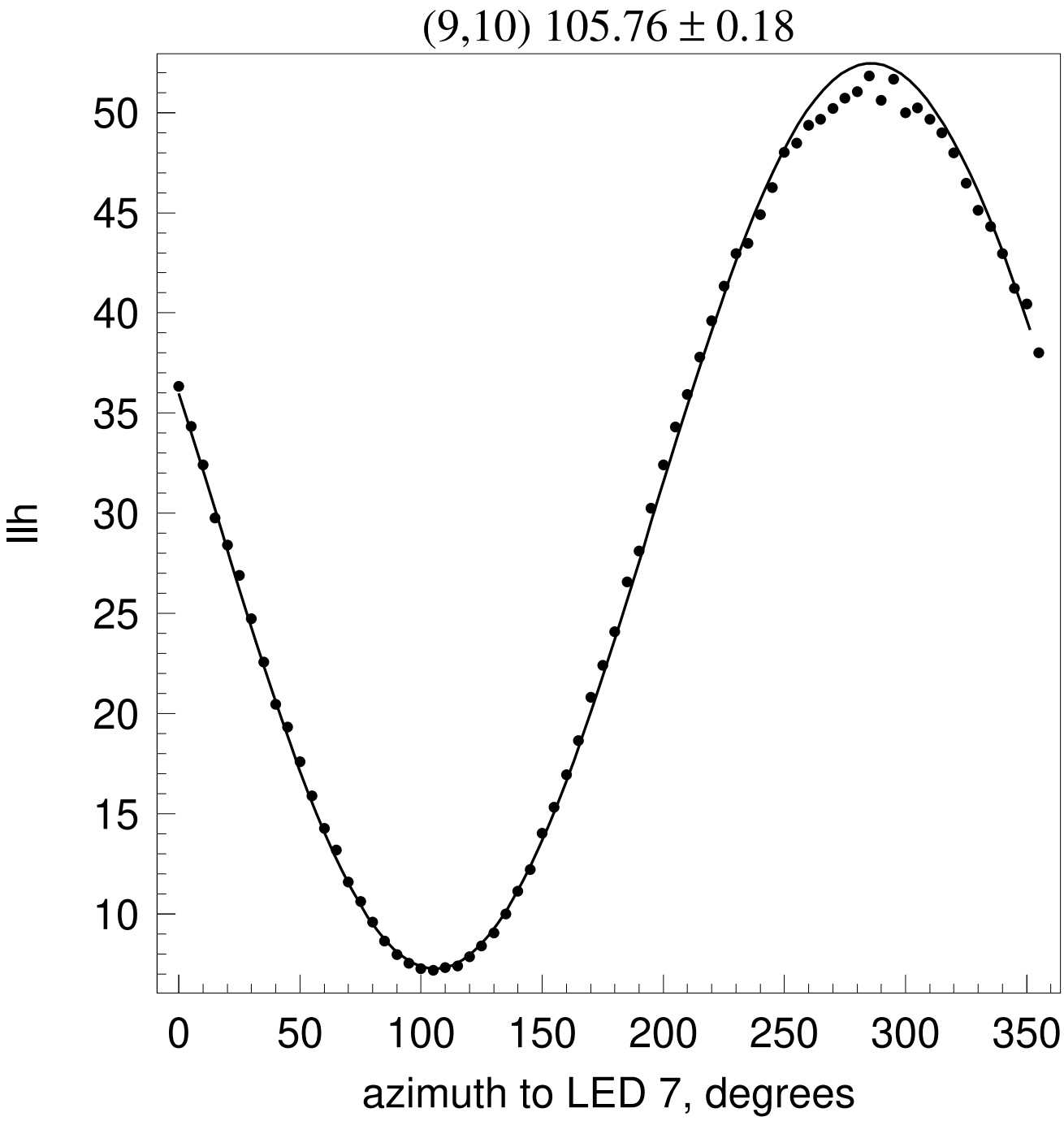

(9,5) 211.58 ± 0.21
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

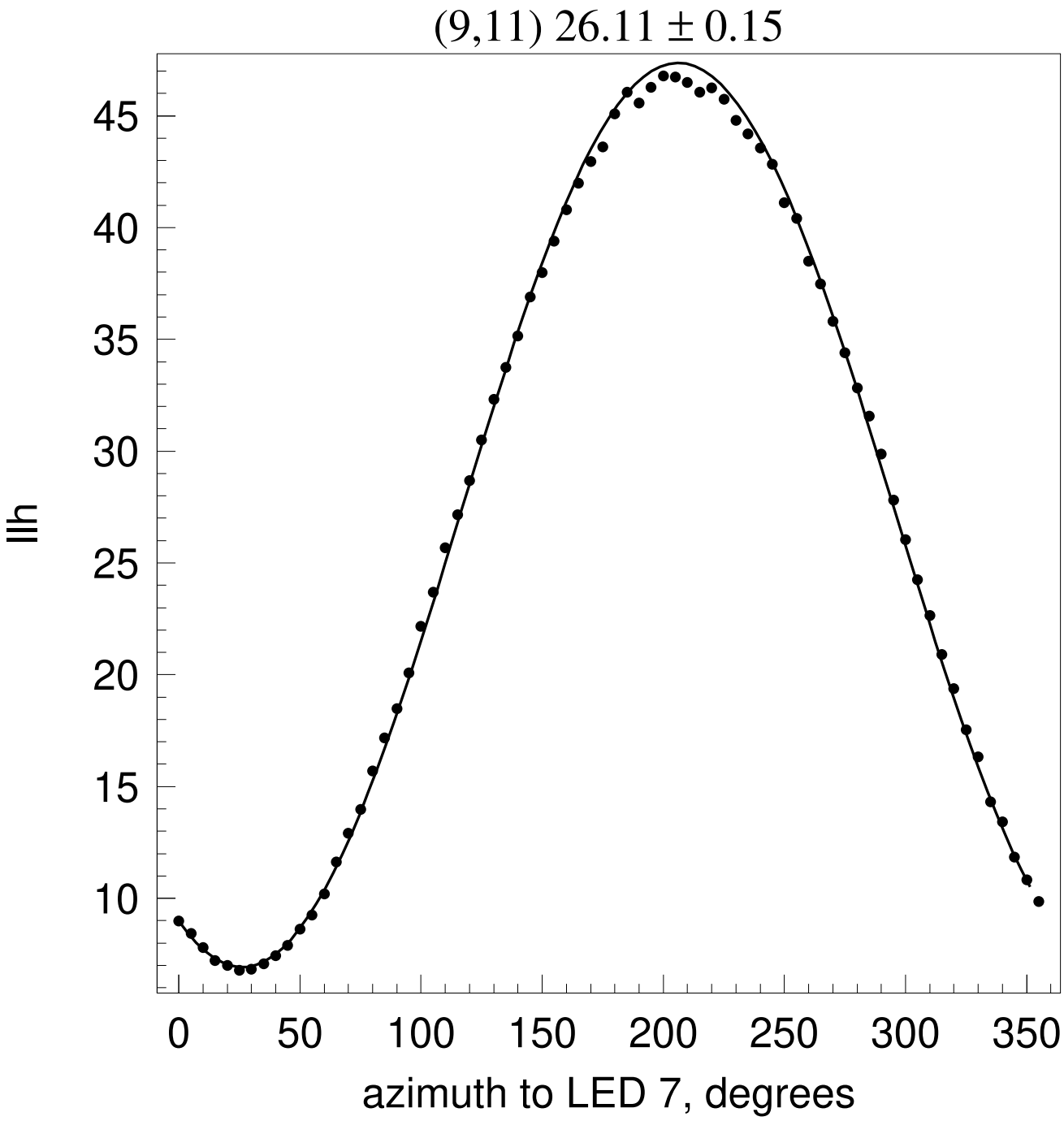

(9,6) 90.29 ± 0.18
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

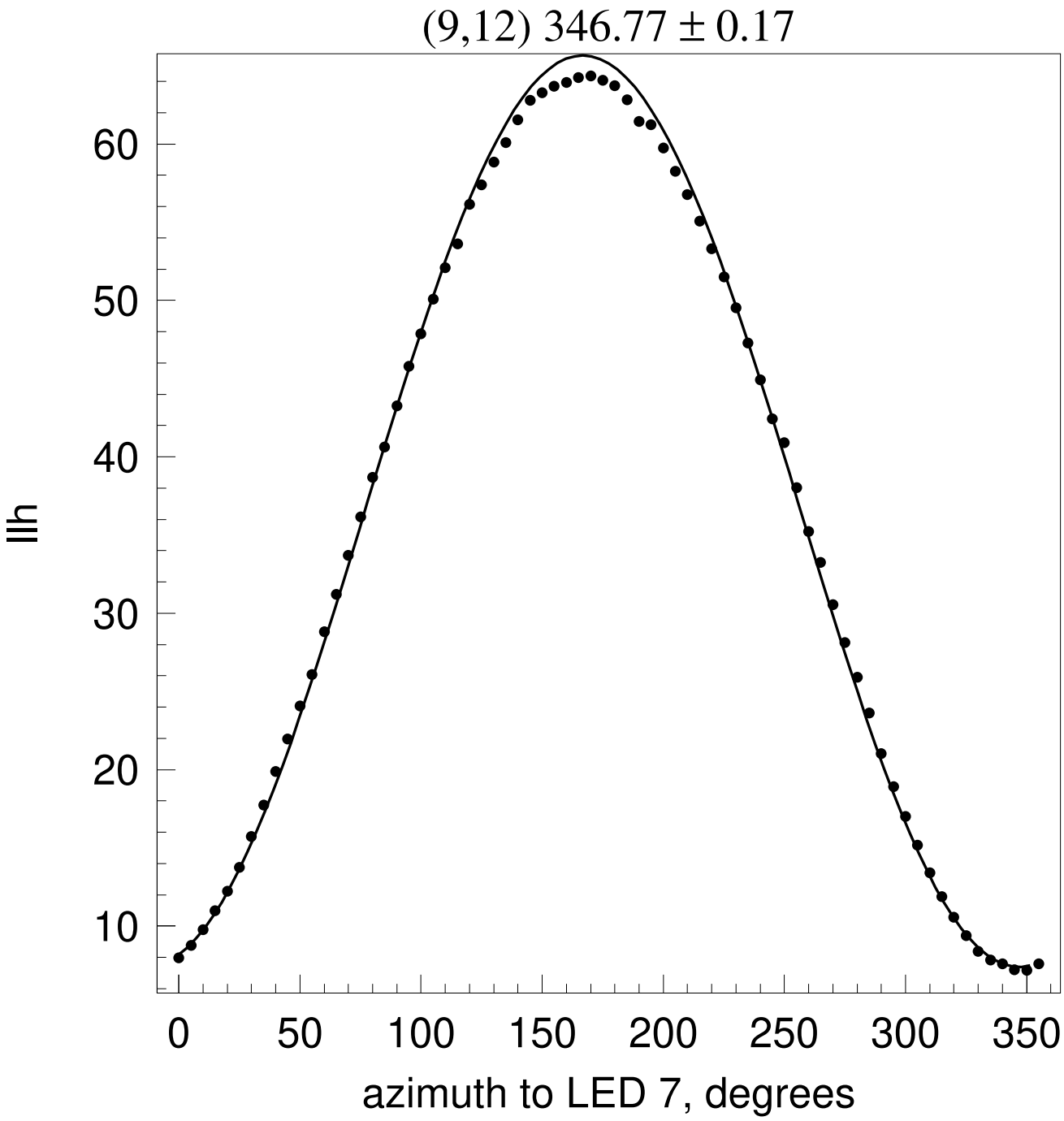

(9,7) 47.16 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

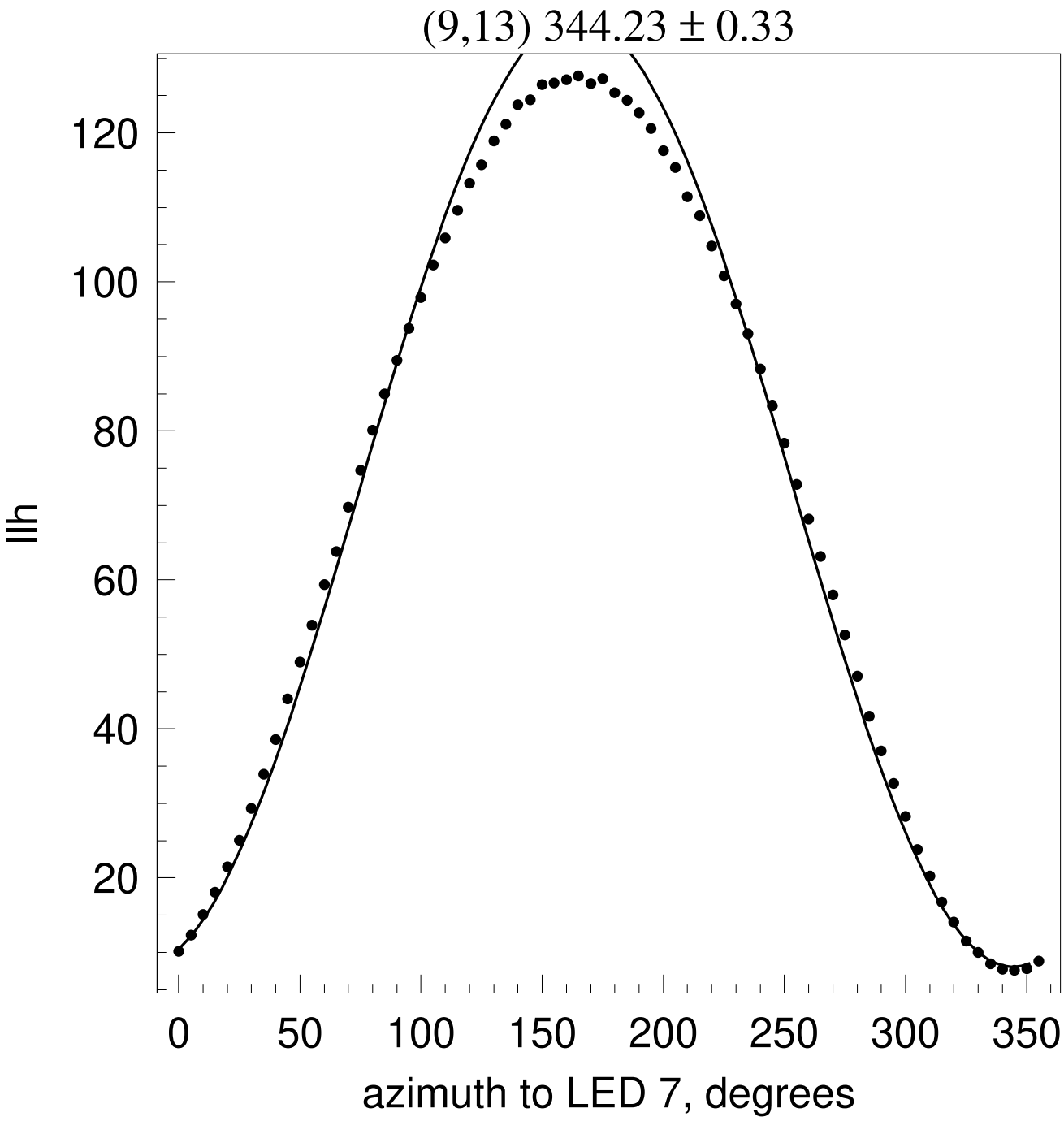

(9,8) 254.19 ± 0.23
26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

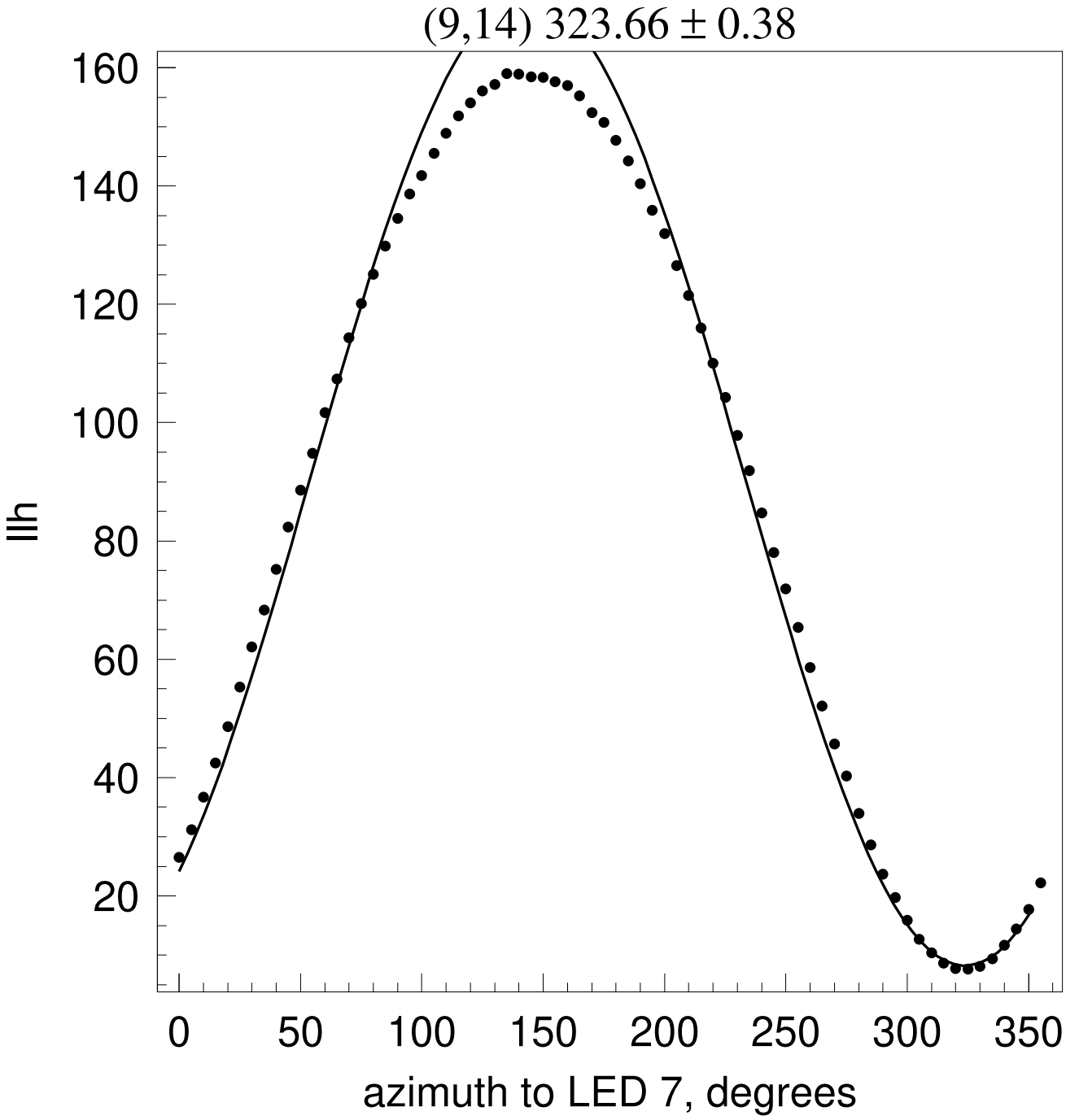

(9,9) 141.78 ± 0.21
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

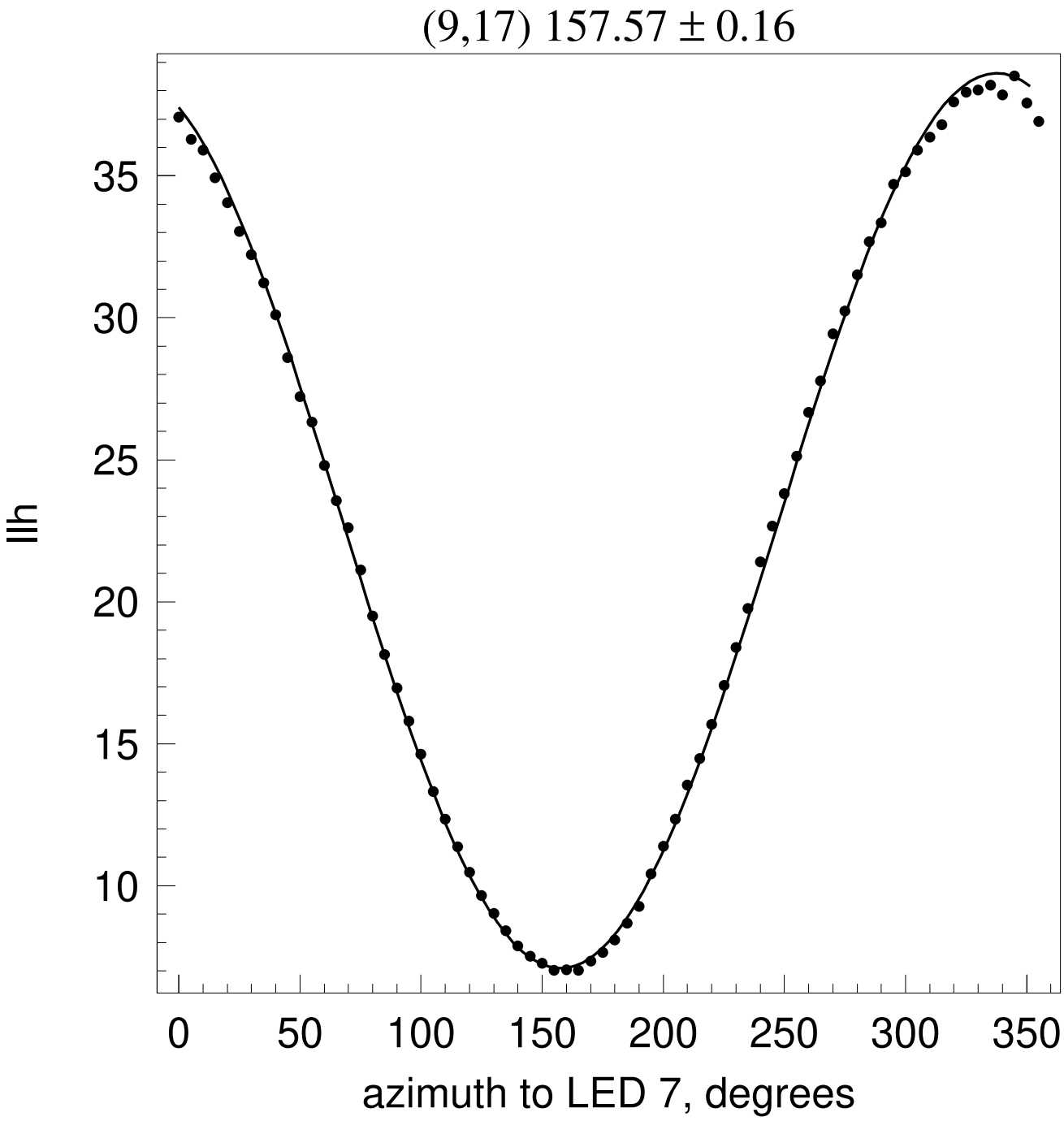

(9,10) 105.76 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

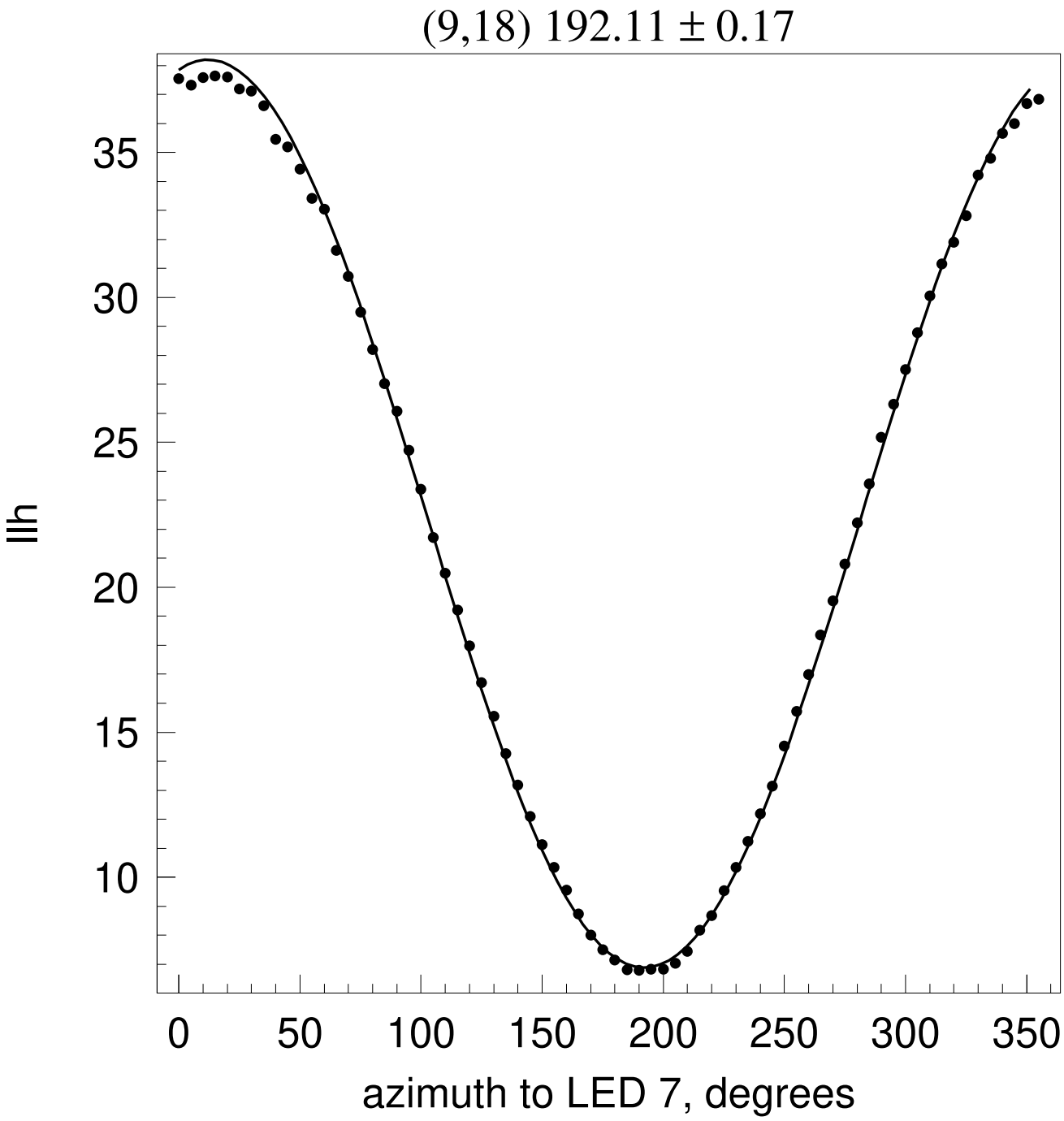

(9,11) 26.11 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

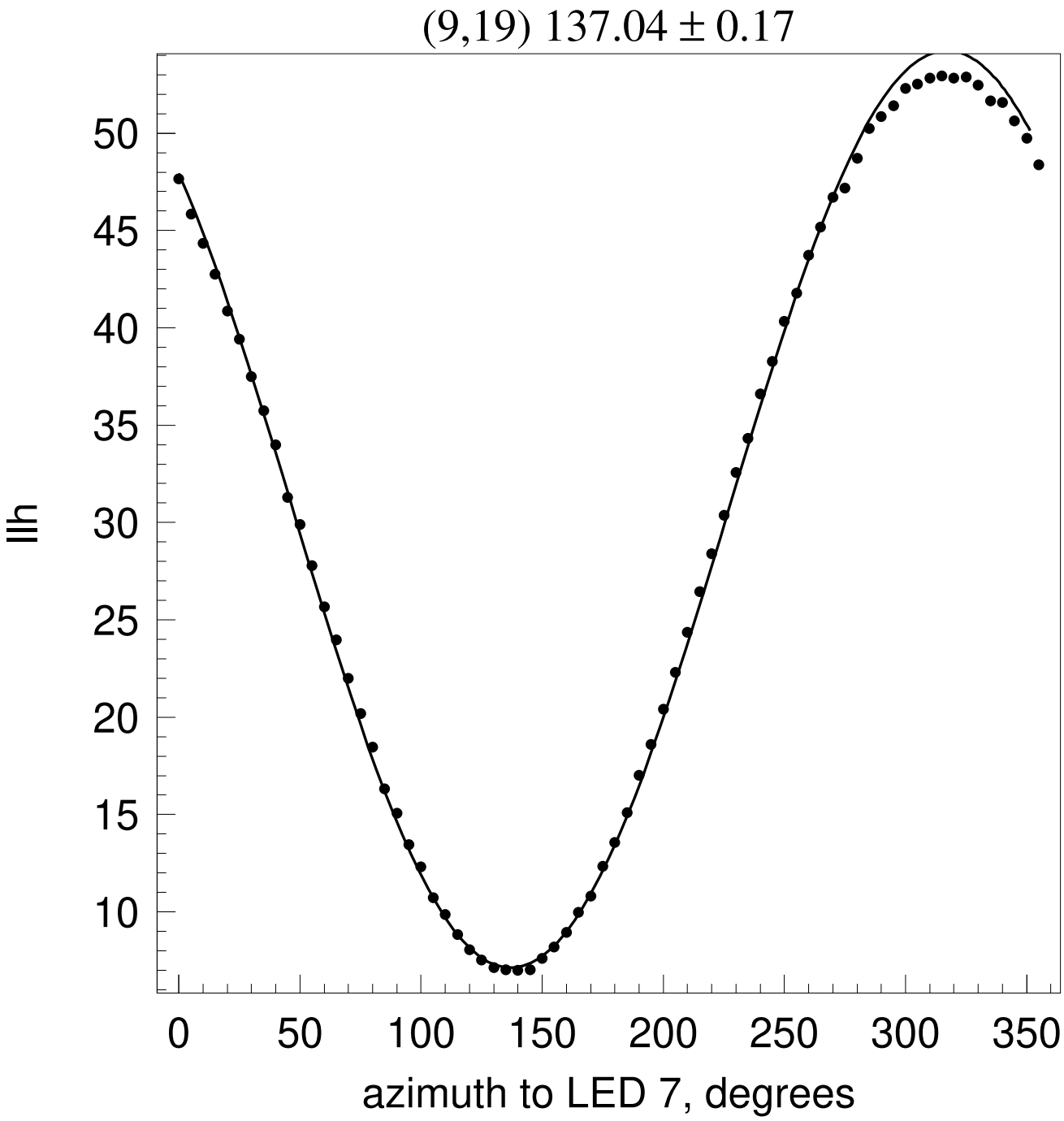

(9,12) 346.77 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

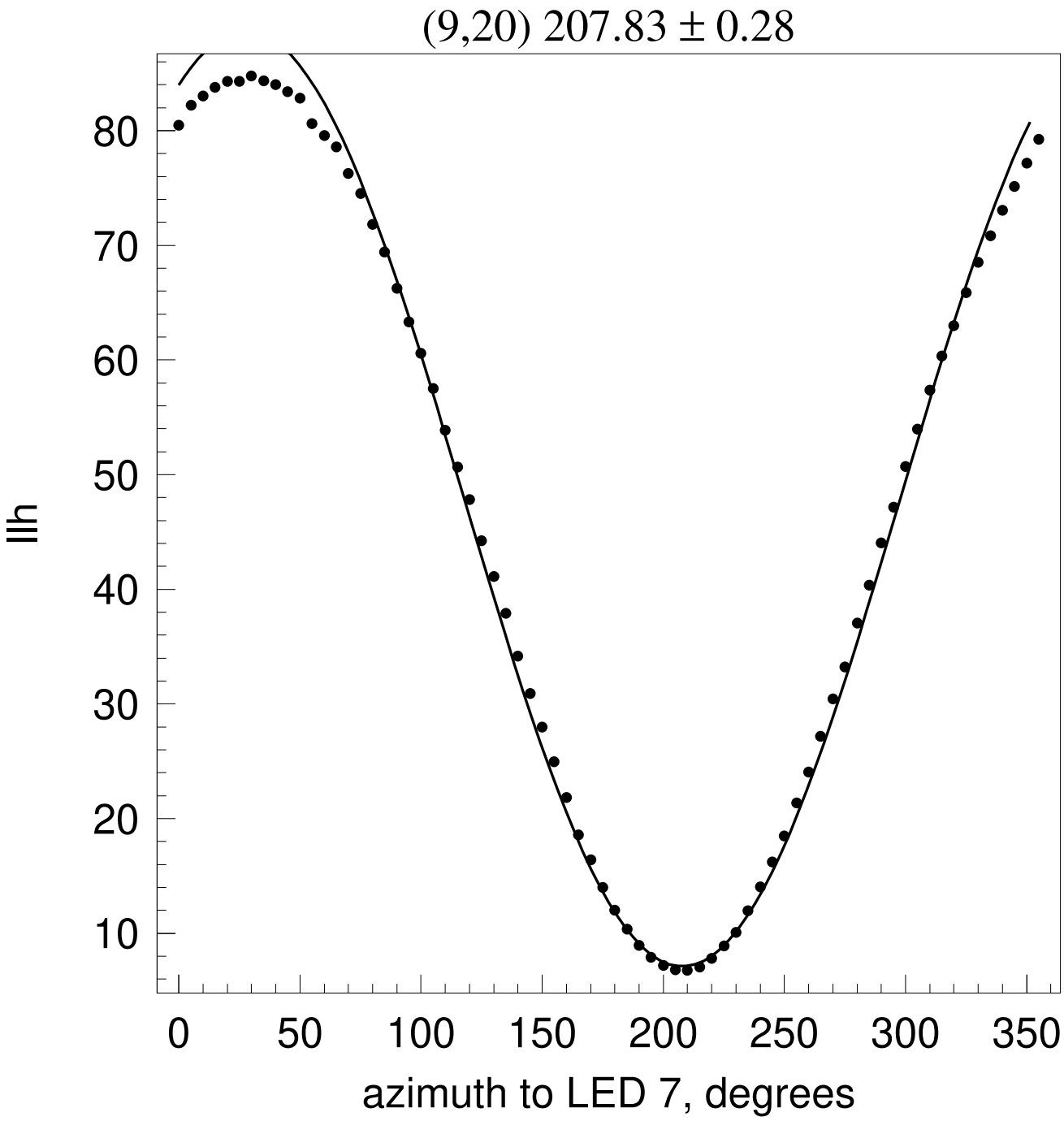

(9,13) 344.23 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

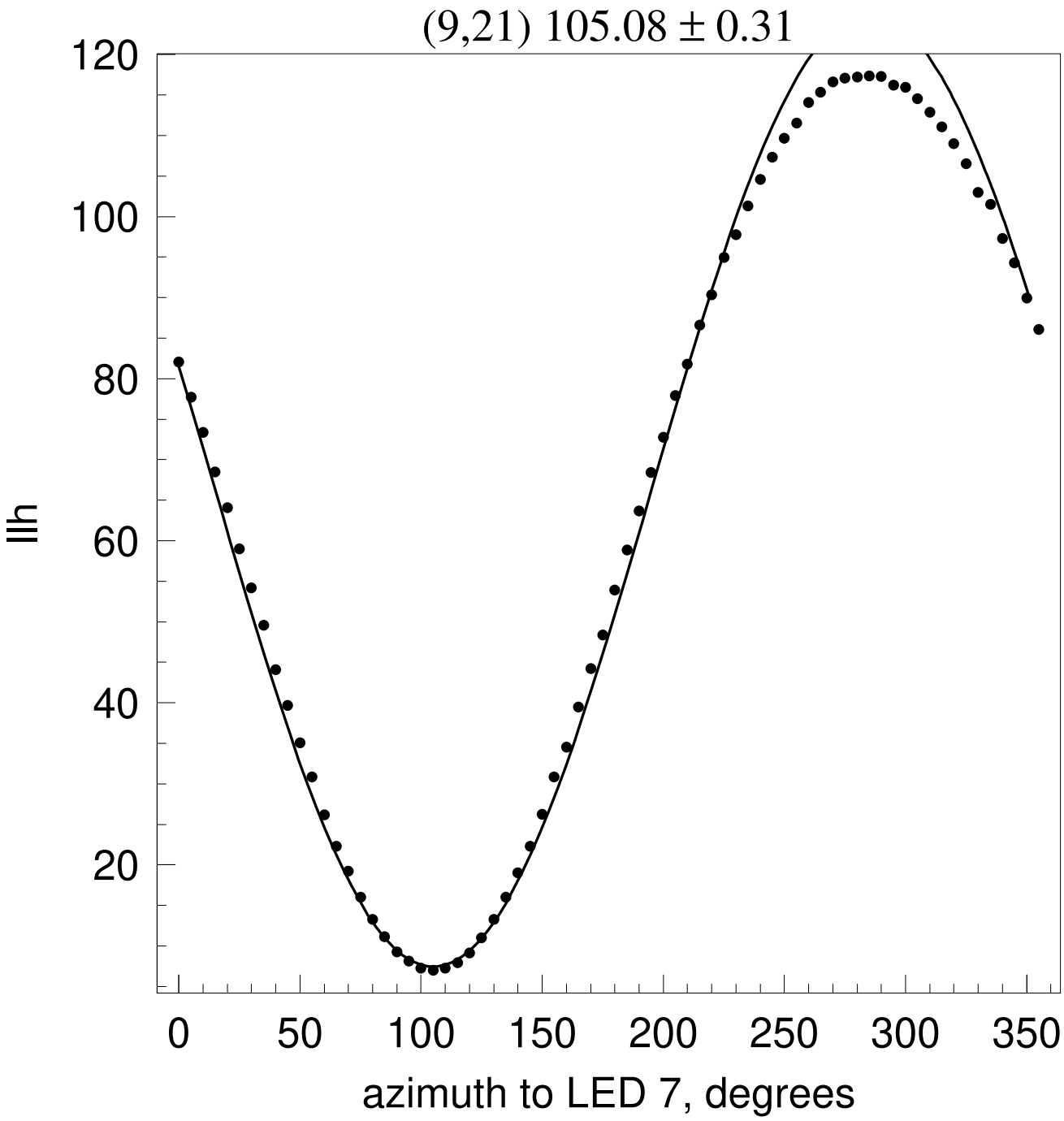

(9,14) 323.66 ± 0.38
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

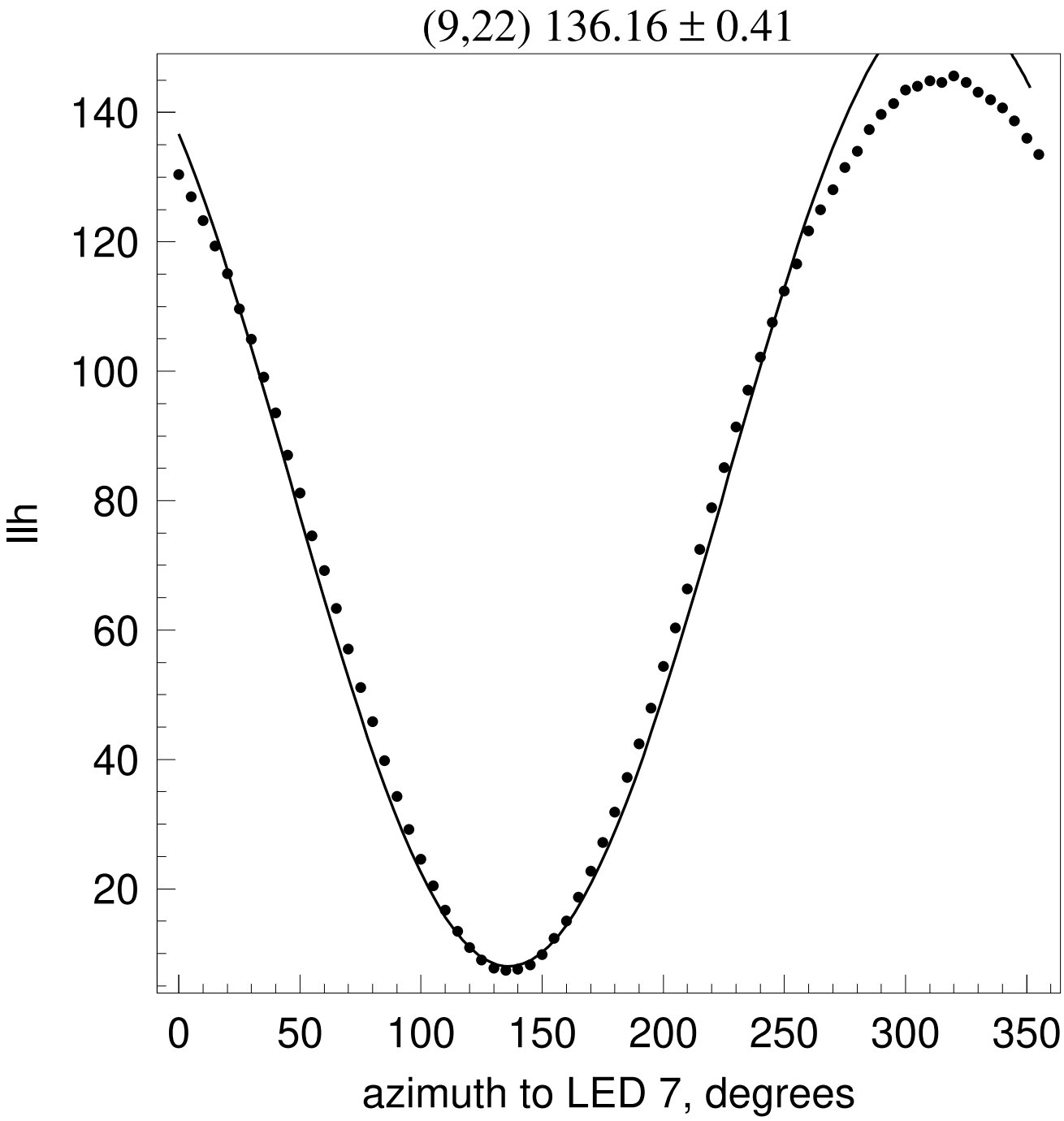

(9,17) 157.57 ± 0.16
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

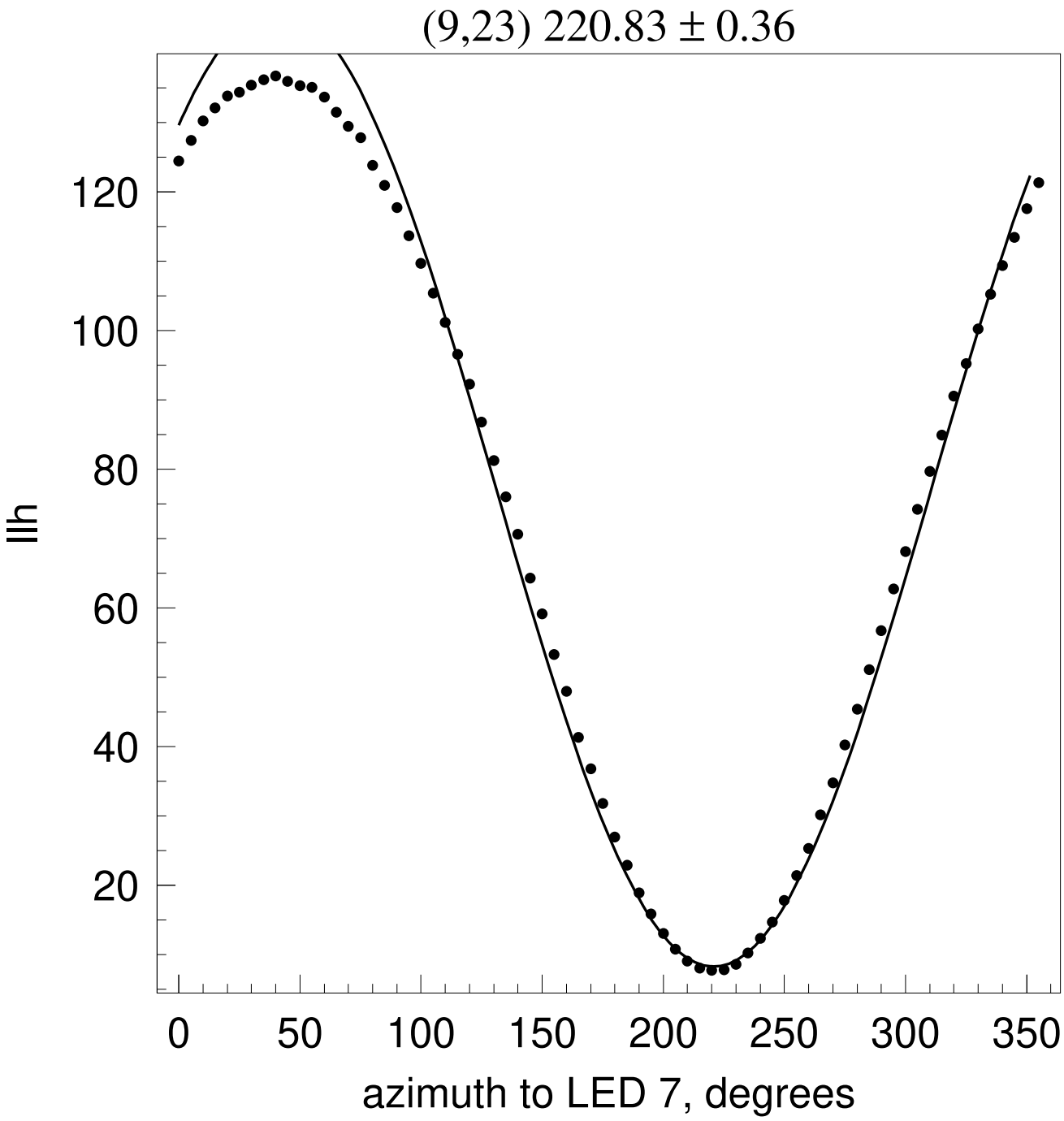

(9,18) 192.11 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

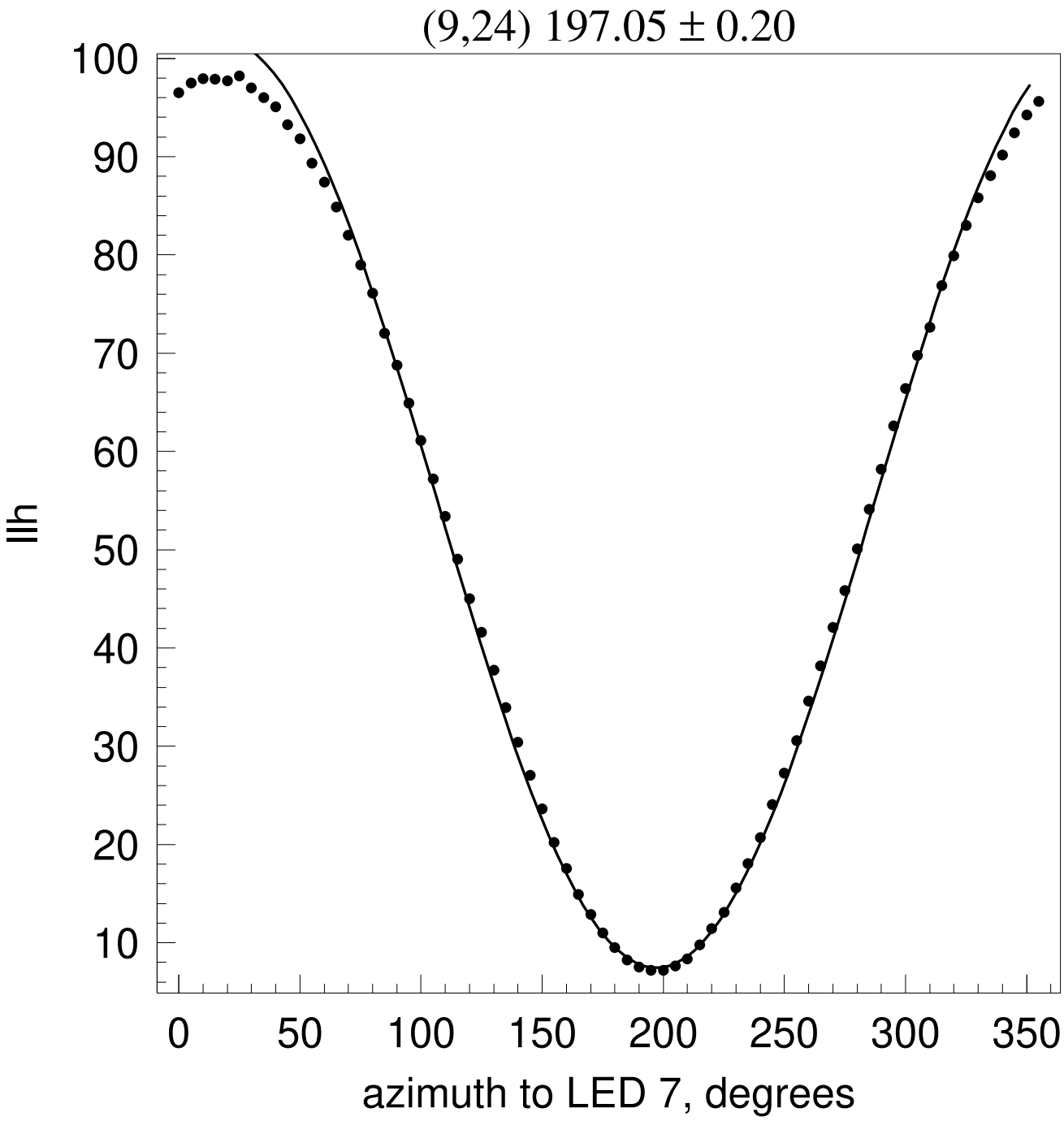

(9,19) 137.04 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

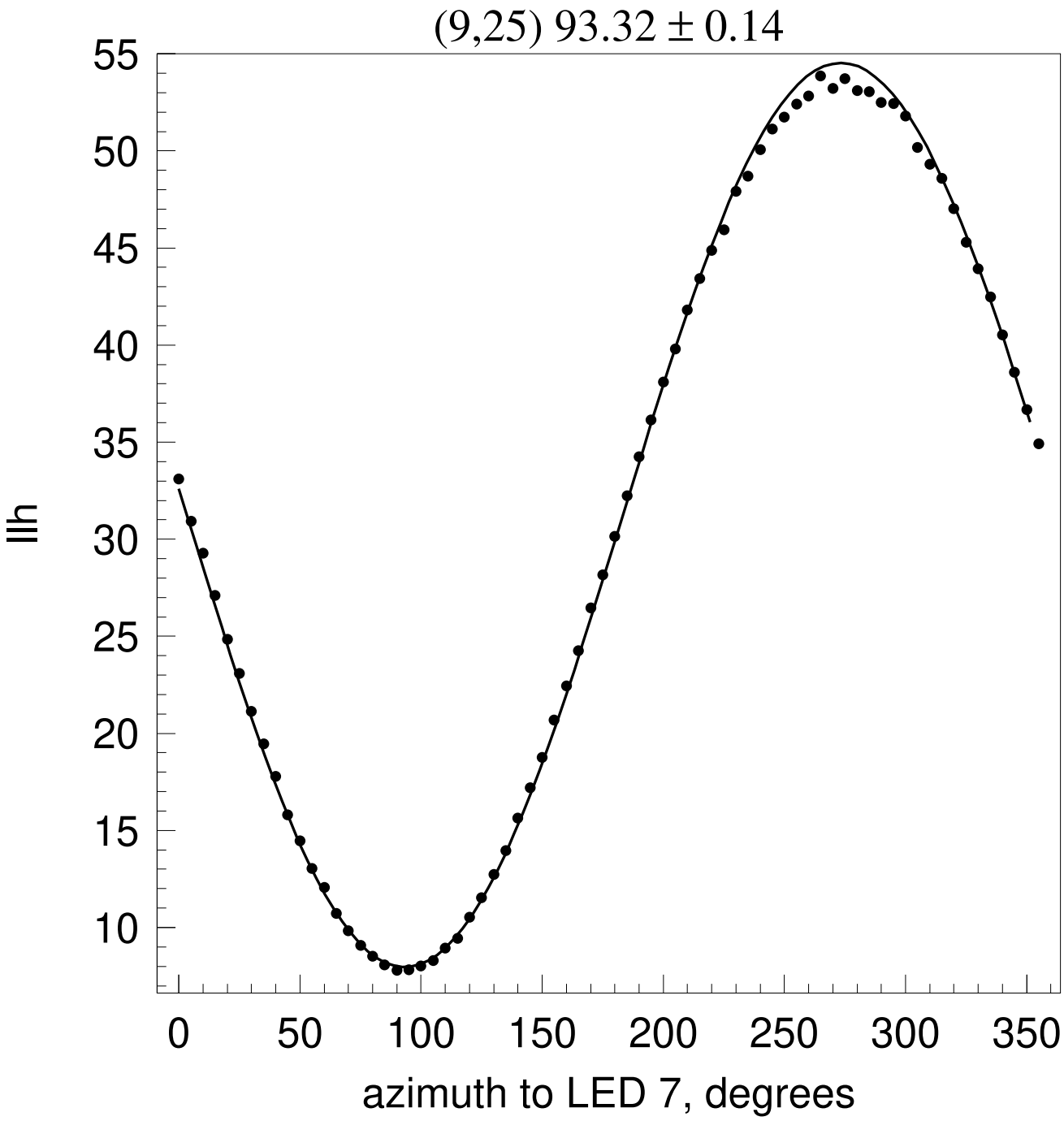

(9,20) 207.83 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

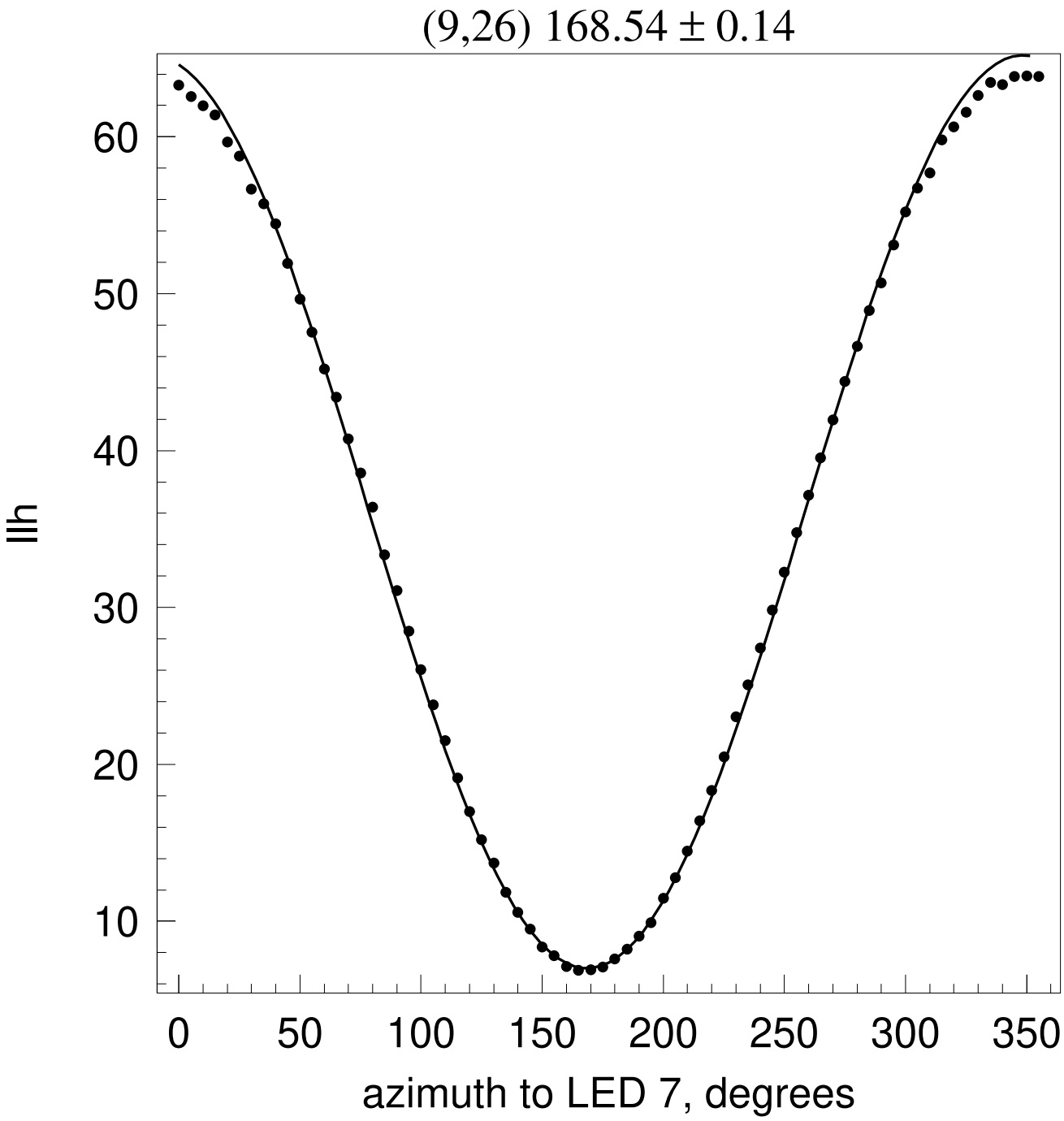

(9,21) 105.08 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

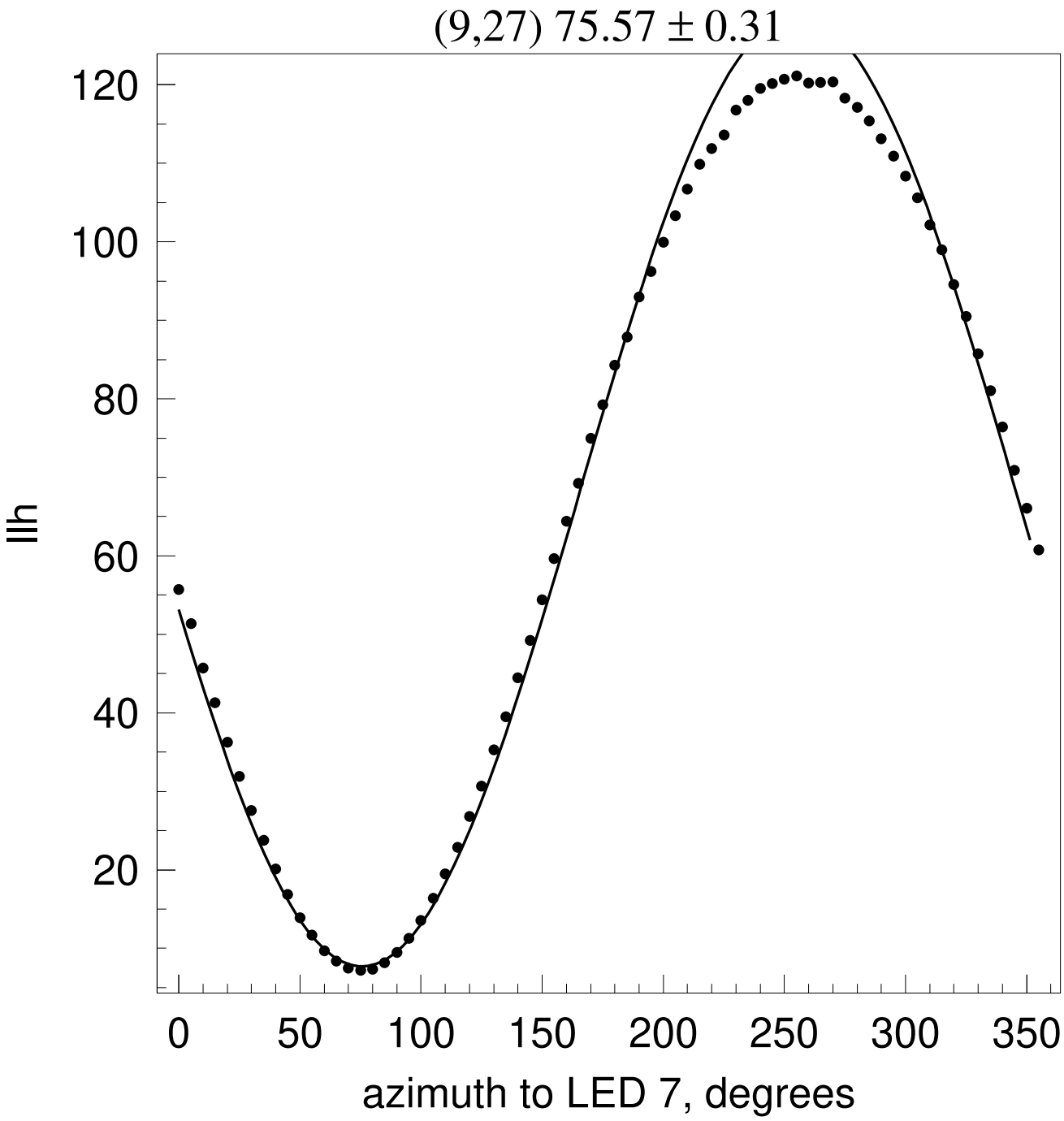

(9,22) 136.16 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

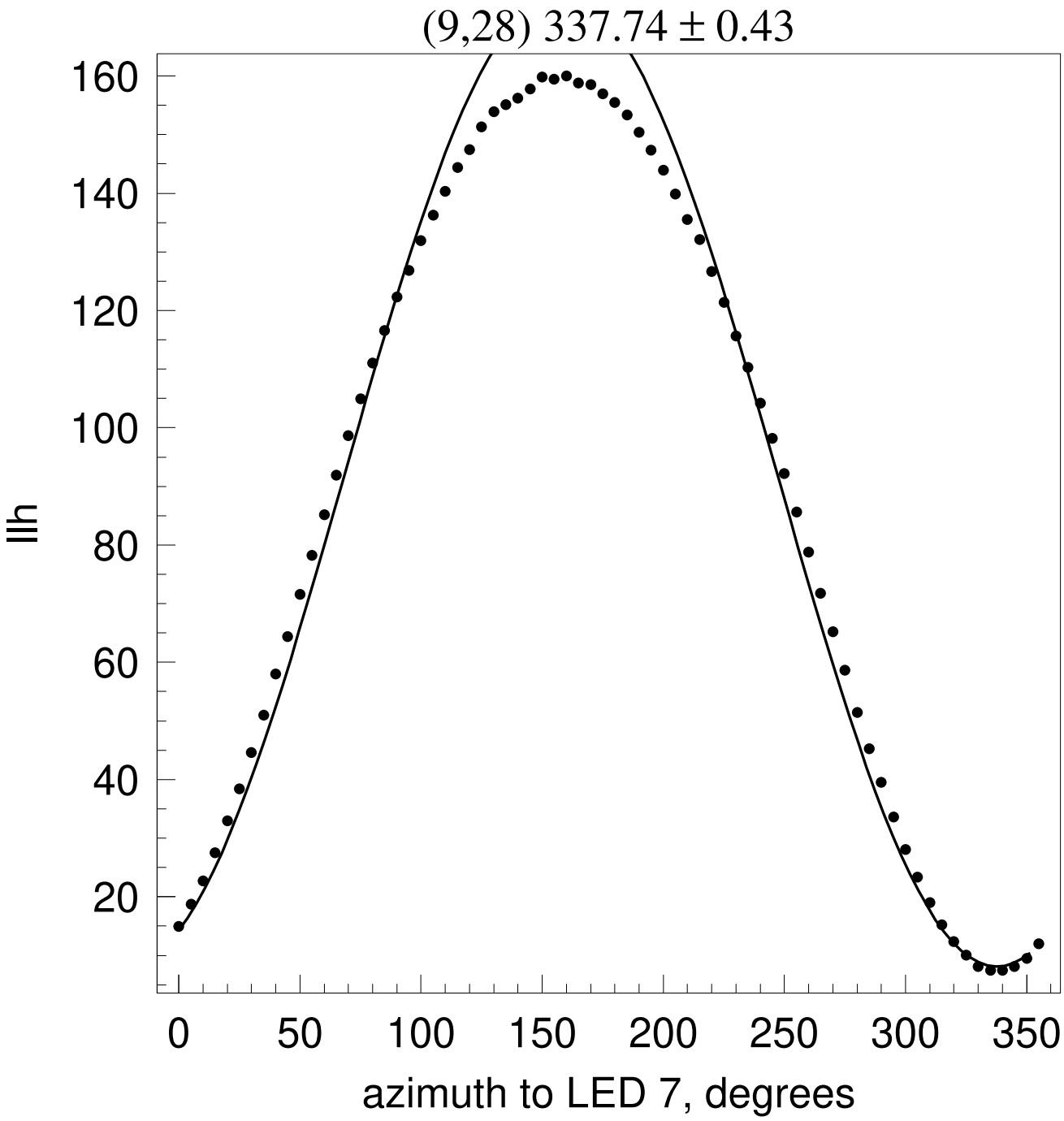

(9,23) 220.83 ± 0.36
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

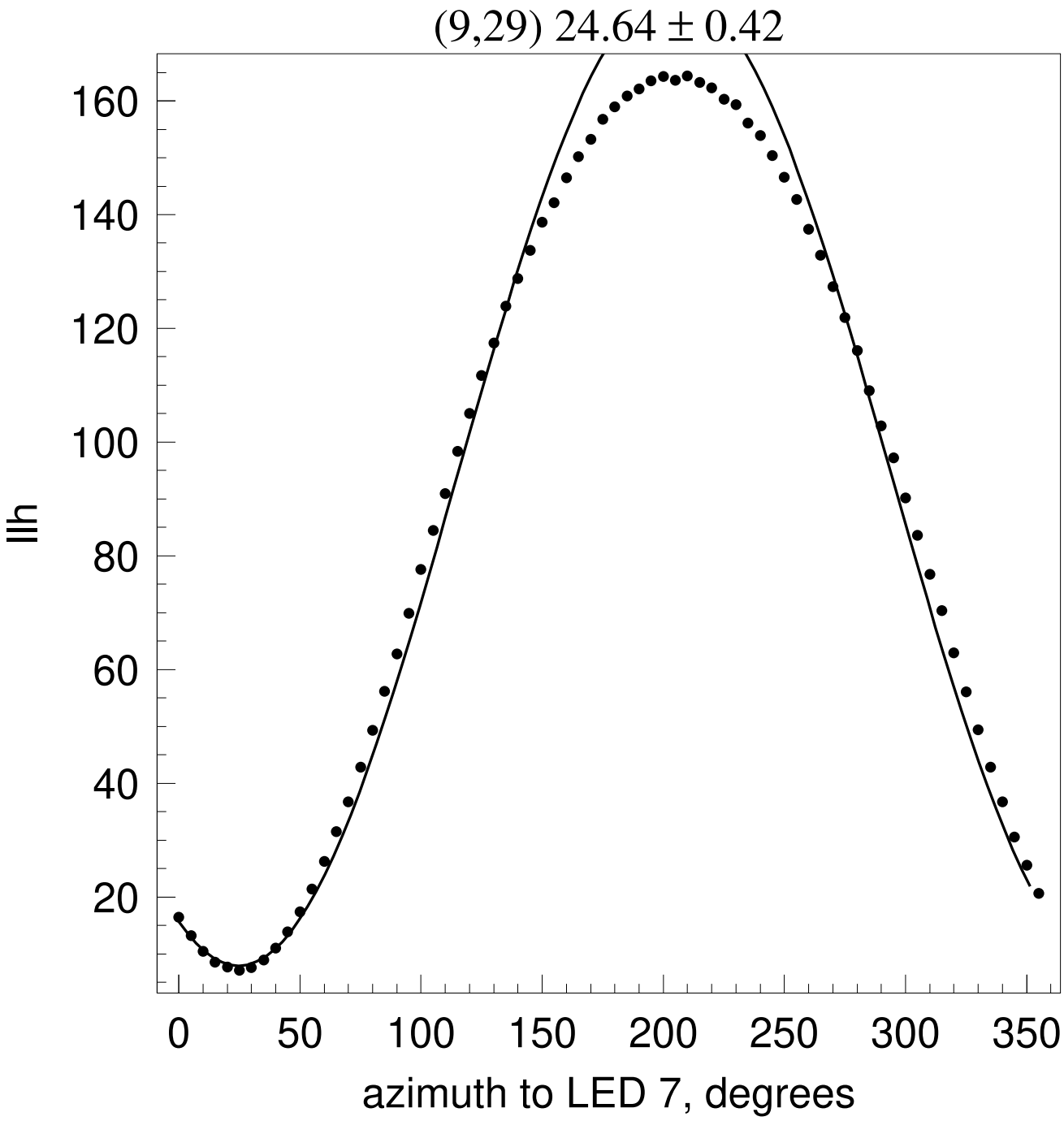

(9,24) 197.05 ± 0.20
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

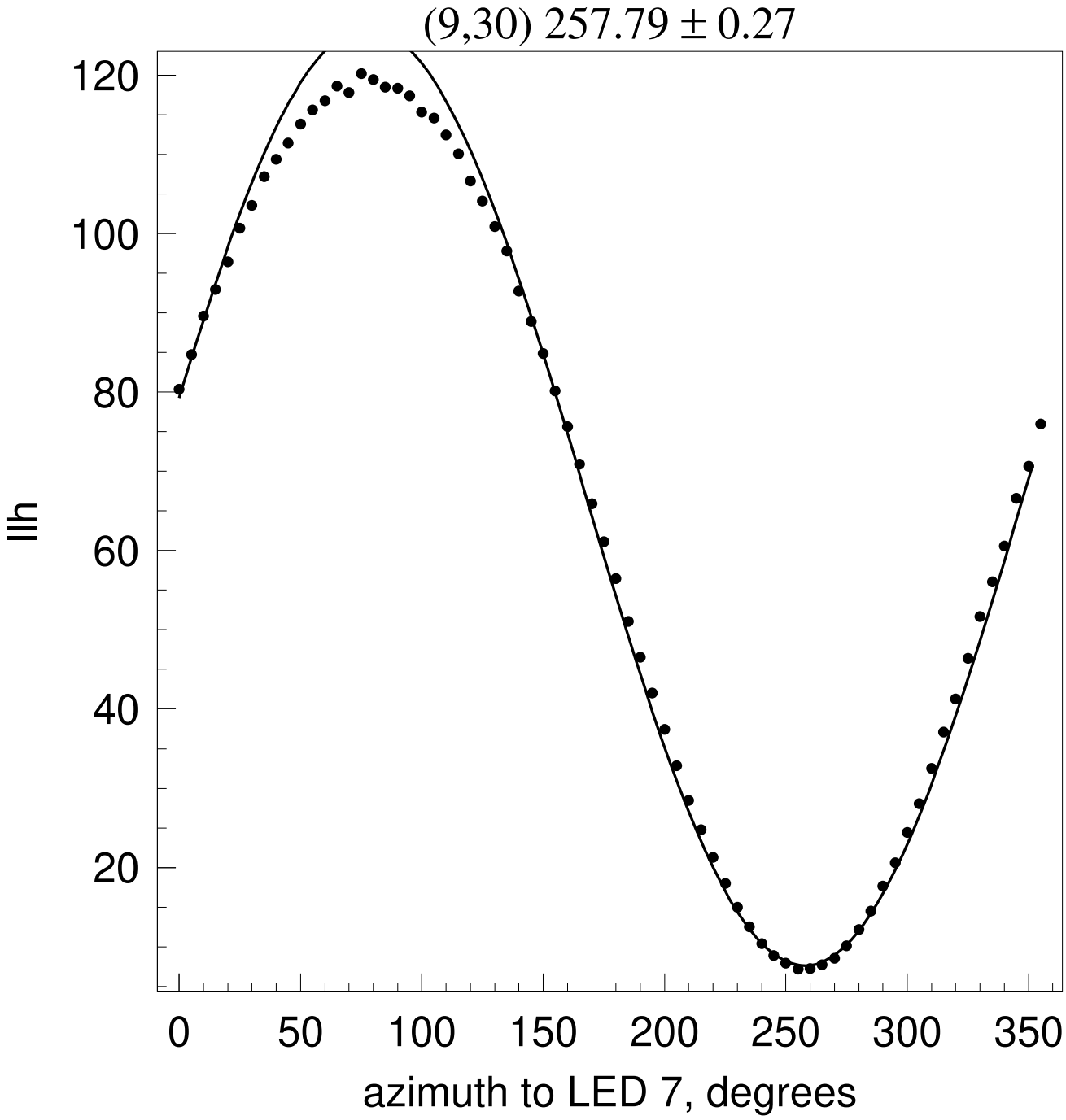

(9,25) 93.32 ± 0.14
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

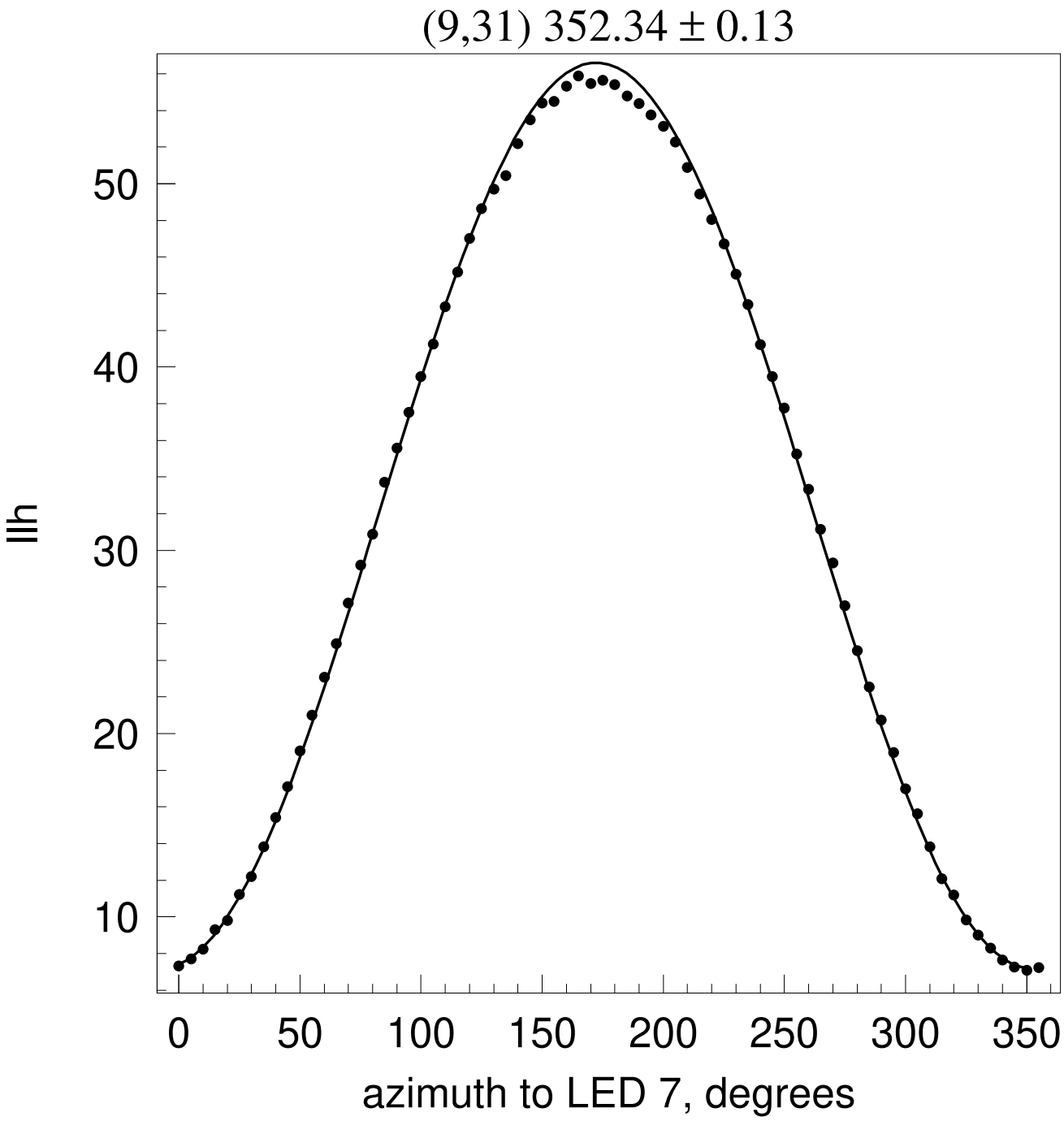

(9,26) 168.54 ± 0.14
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

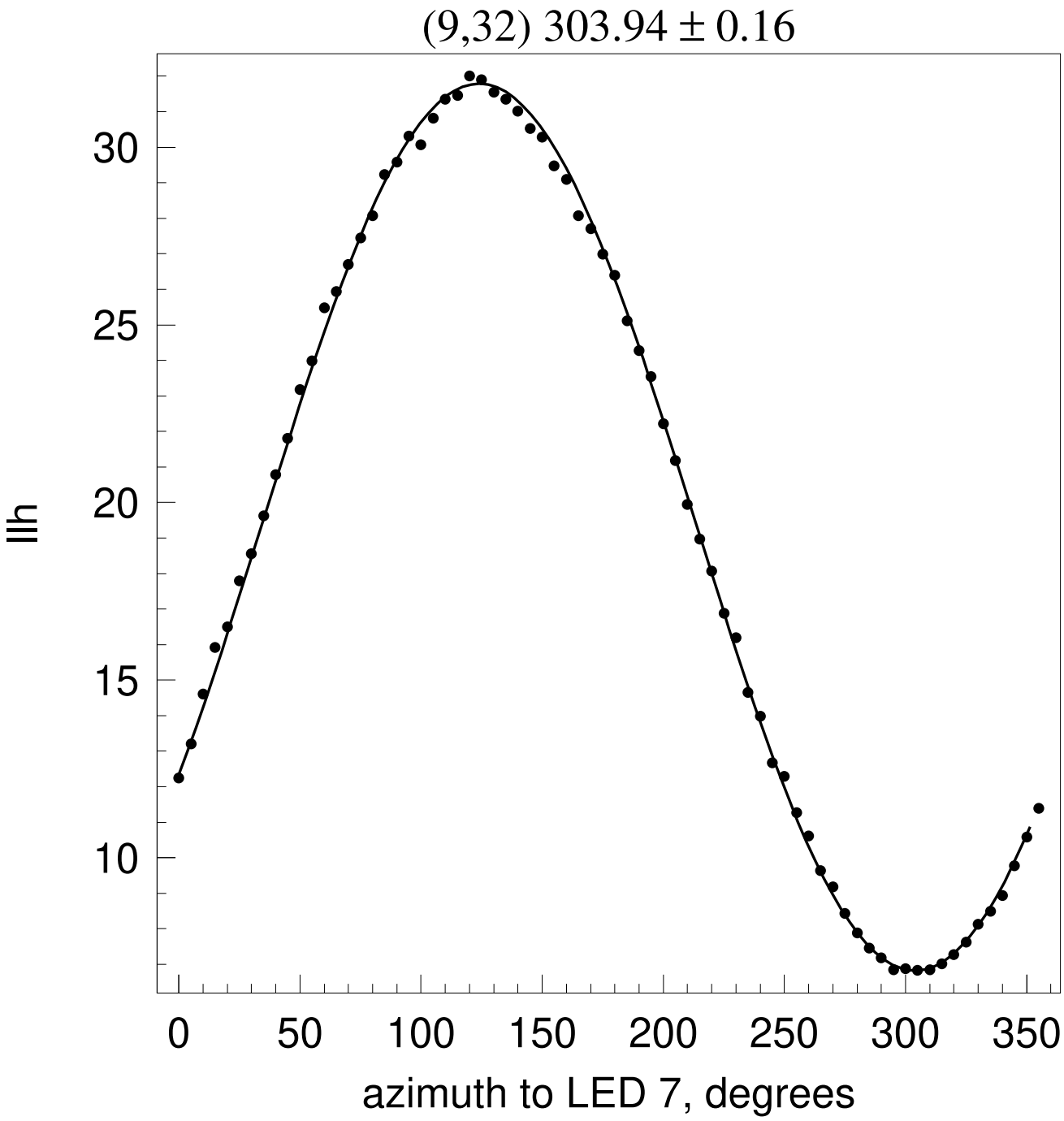

(9,27) 75.57 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

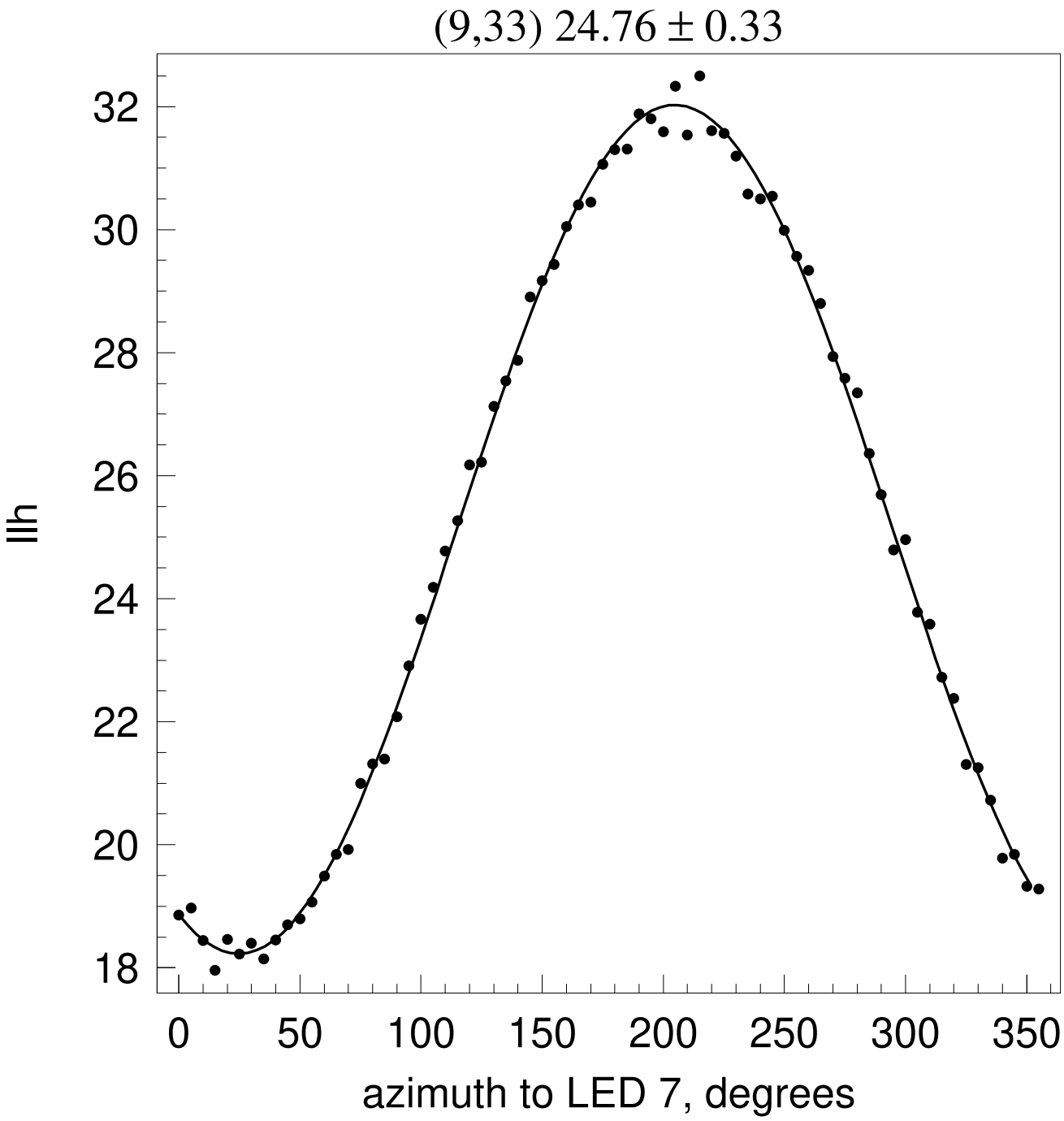

(9,28) 337.74 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

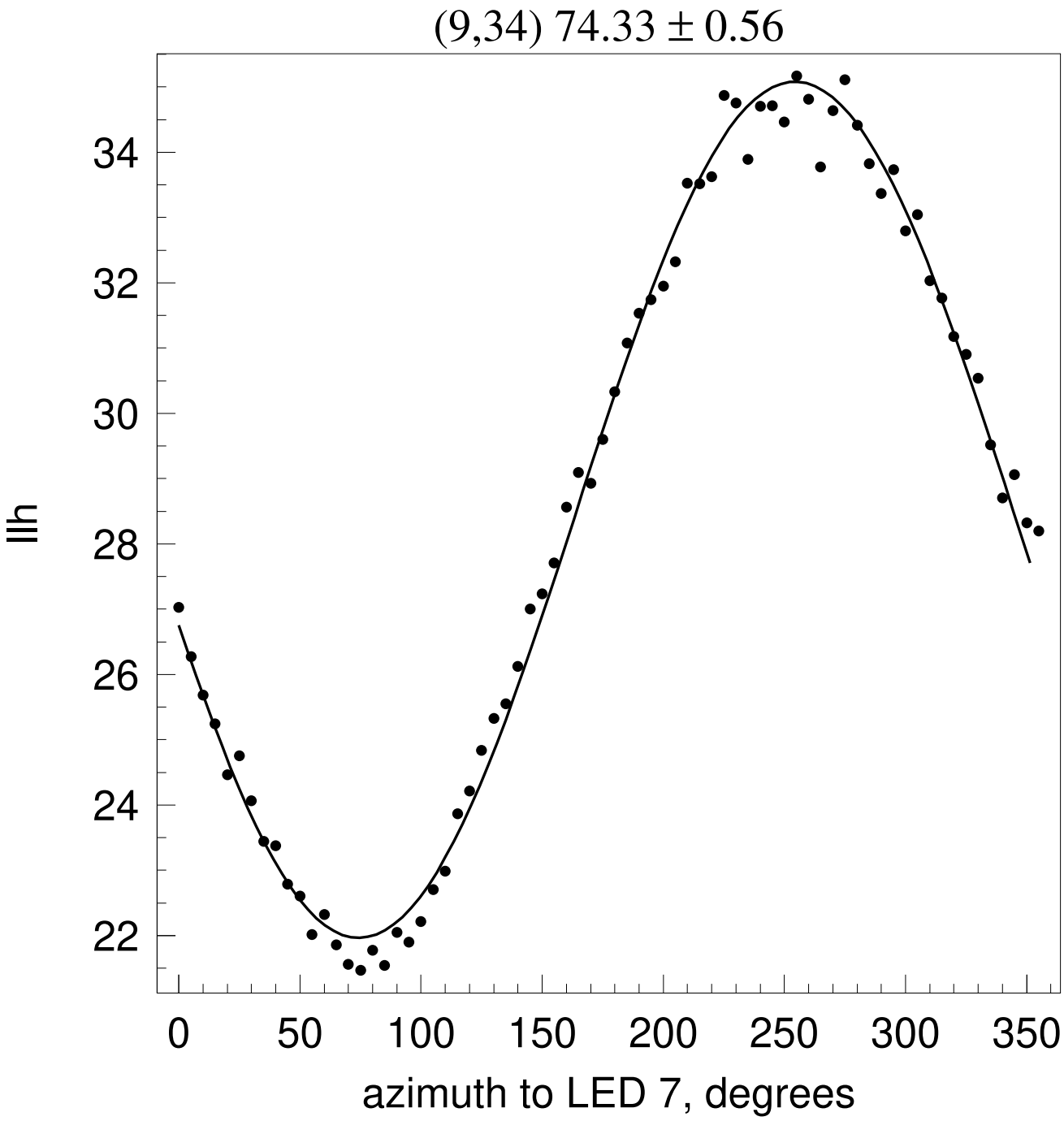

(9,29) 24.64 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

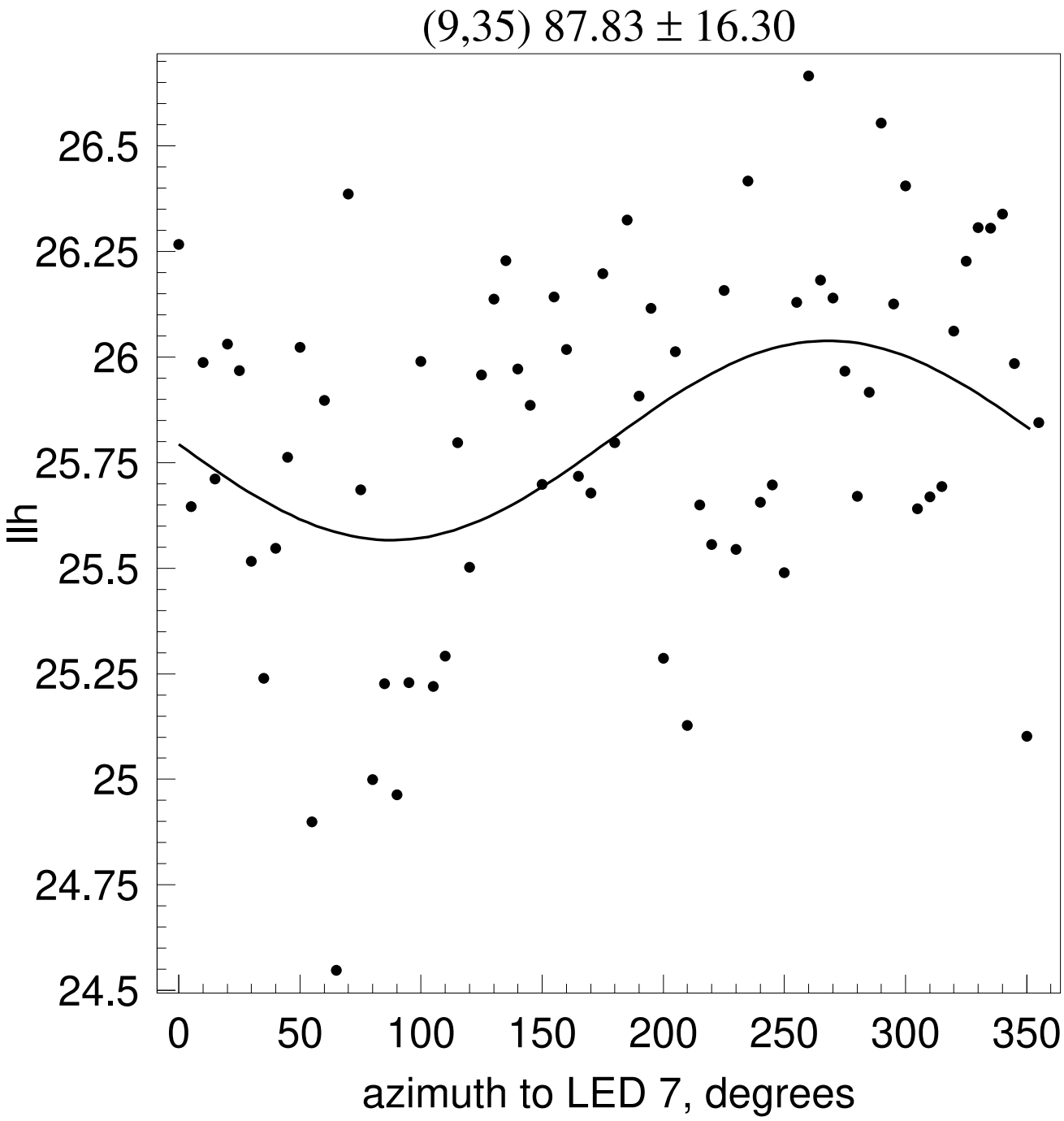

(9,30) 257.79 ± 0.27
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

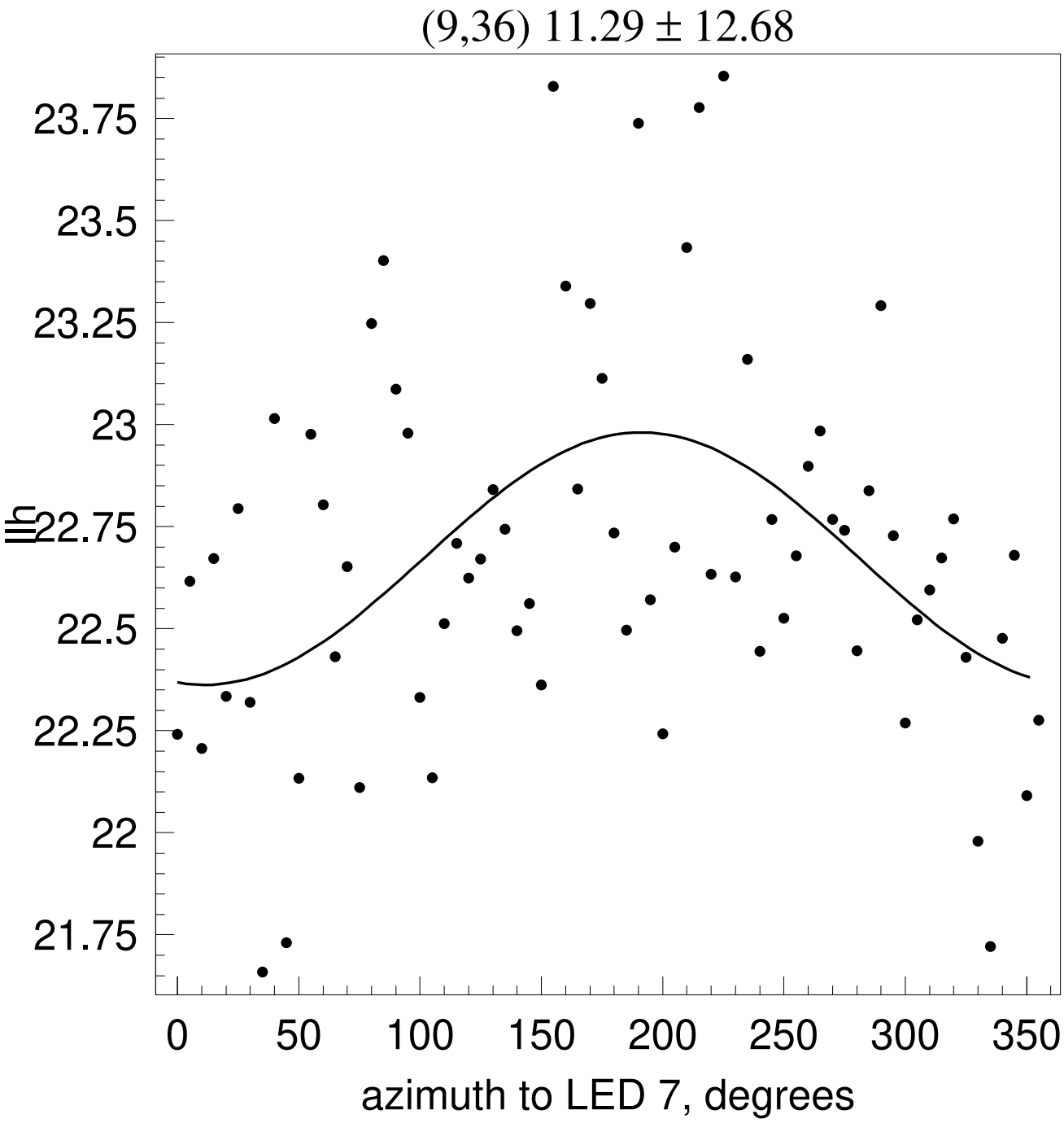

(9,31) 352.34 ± 0.13
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

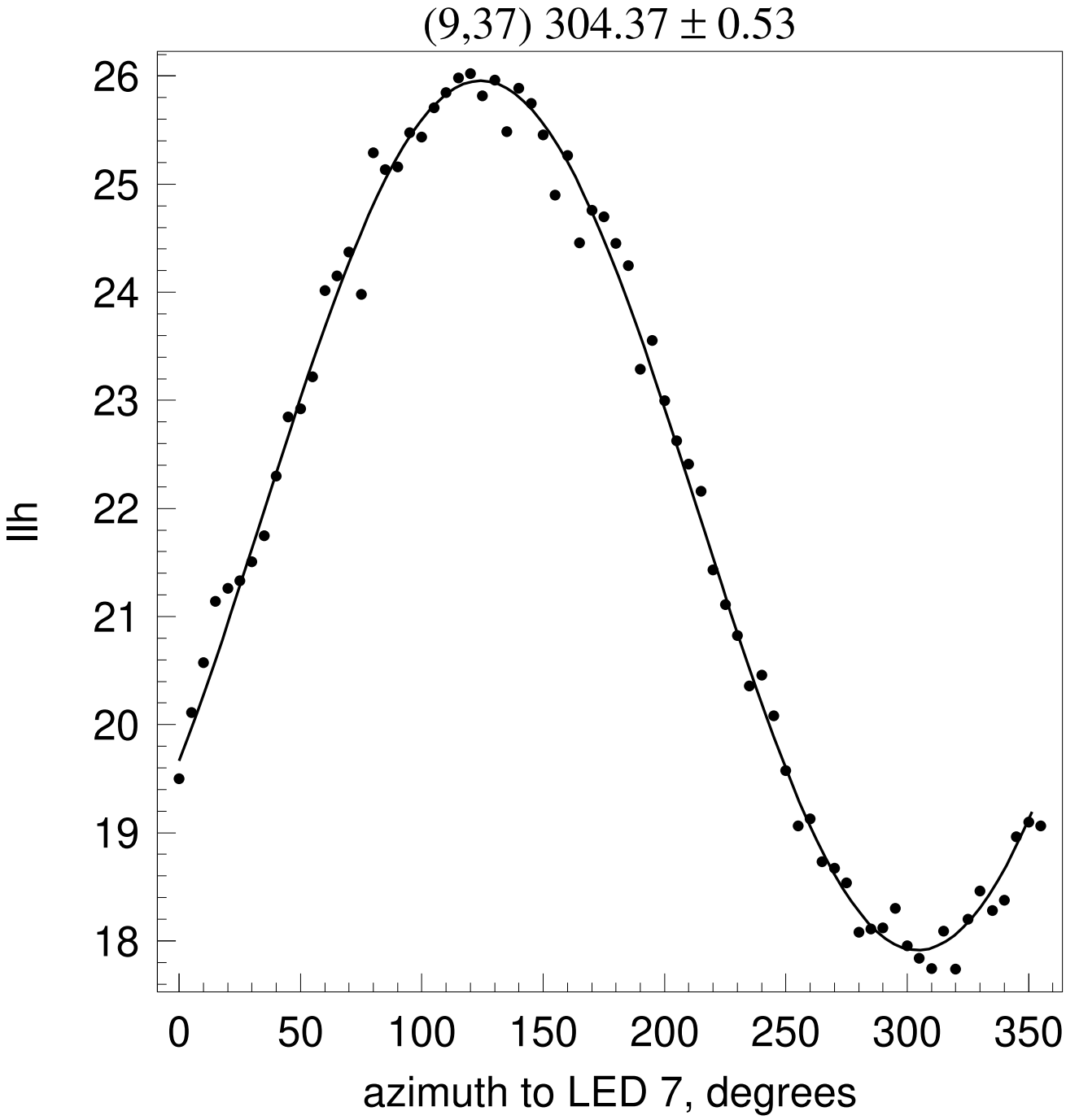

(9,32) 303.94 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

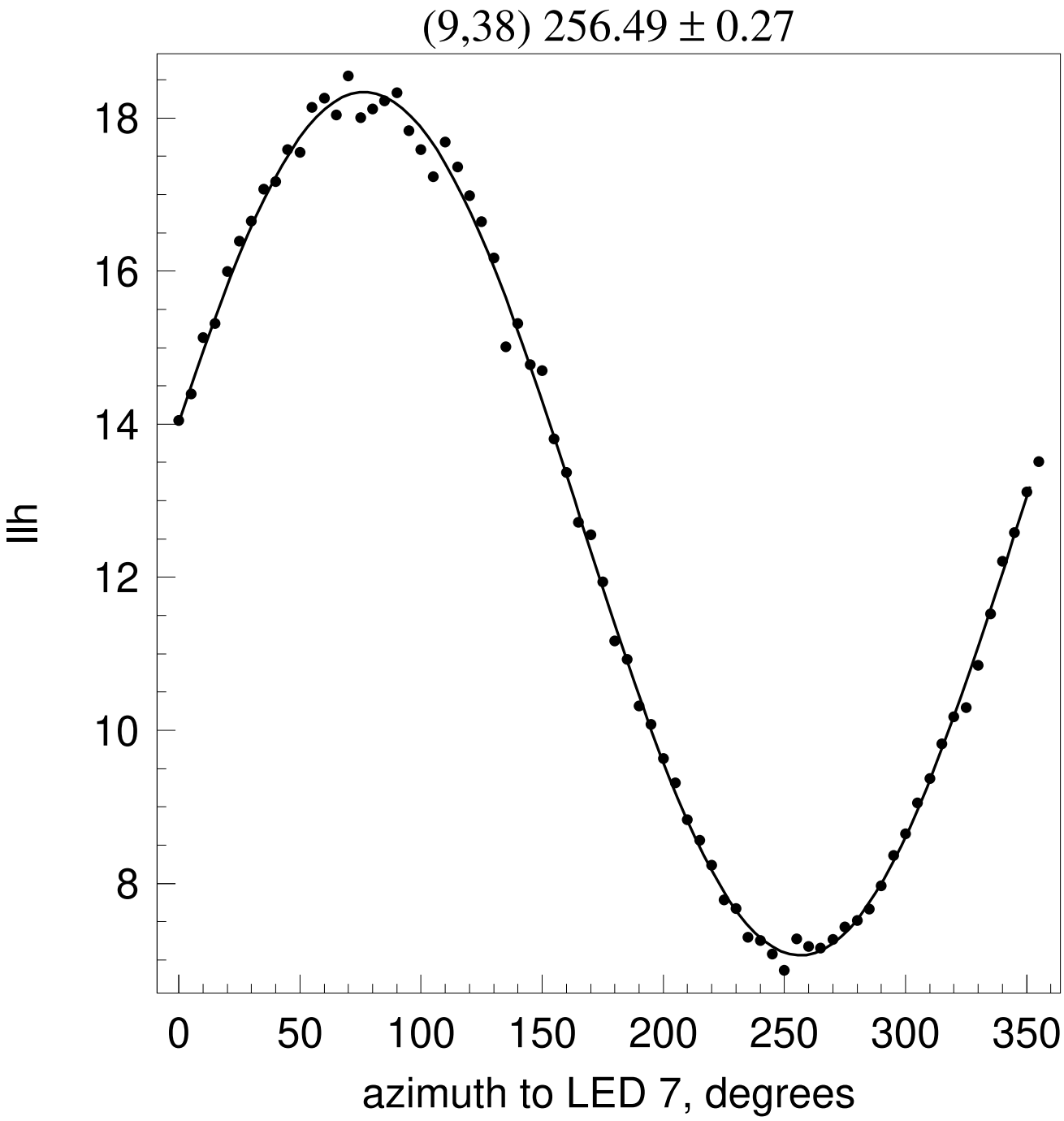

(9,33) 24.76 ± 0.33
32
30
28
26
24
22
20
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

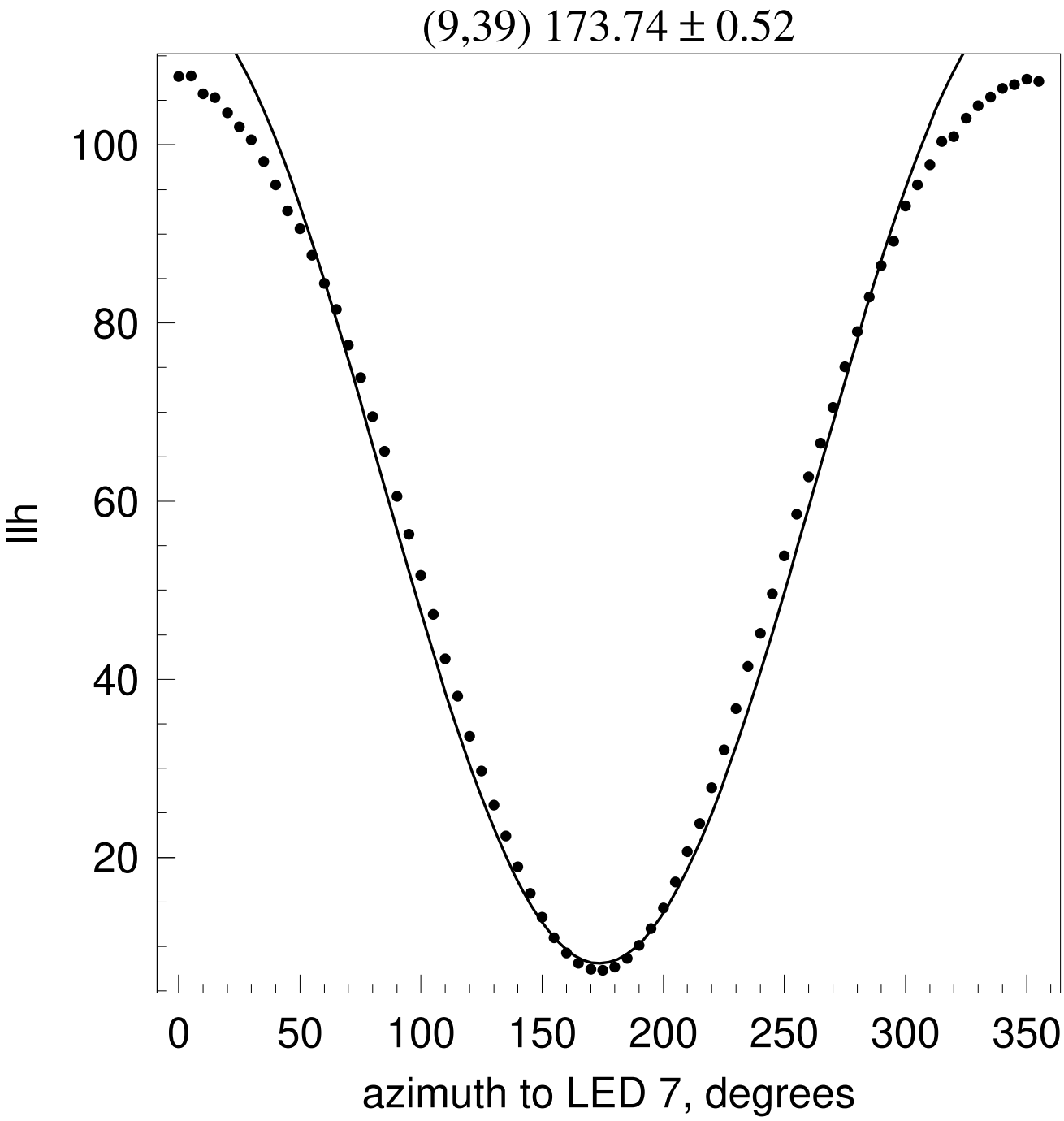

(9,34) 74.33 ± 0.56
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

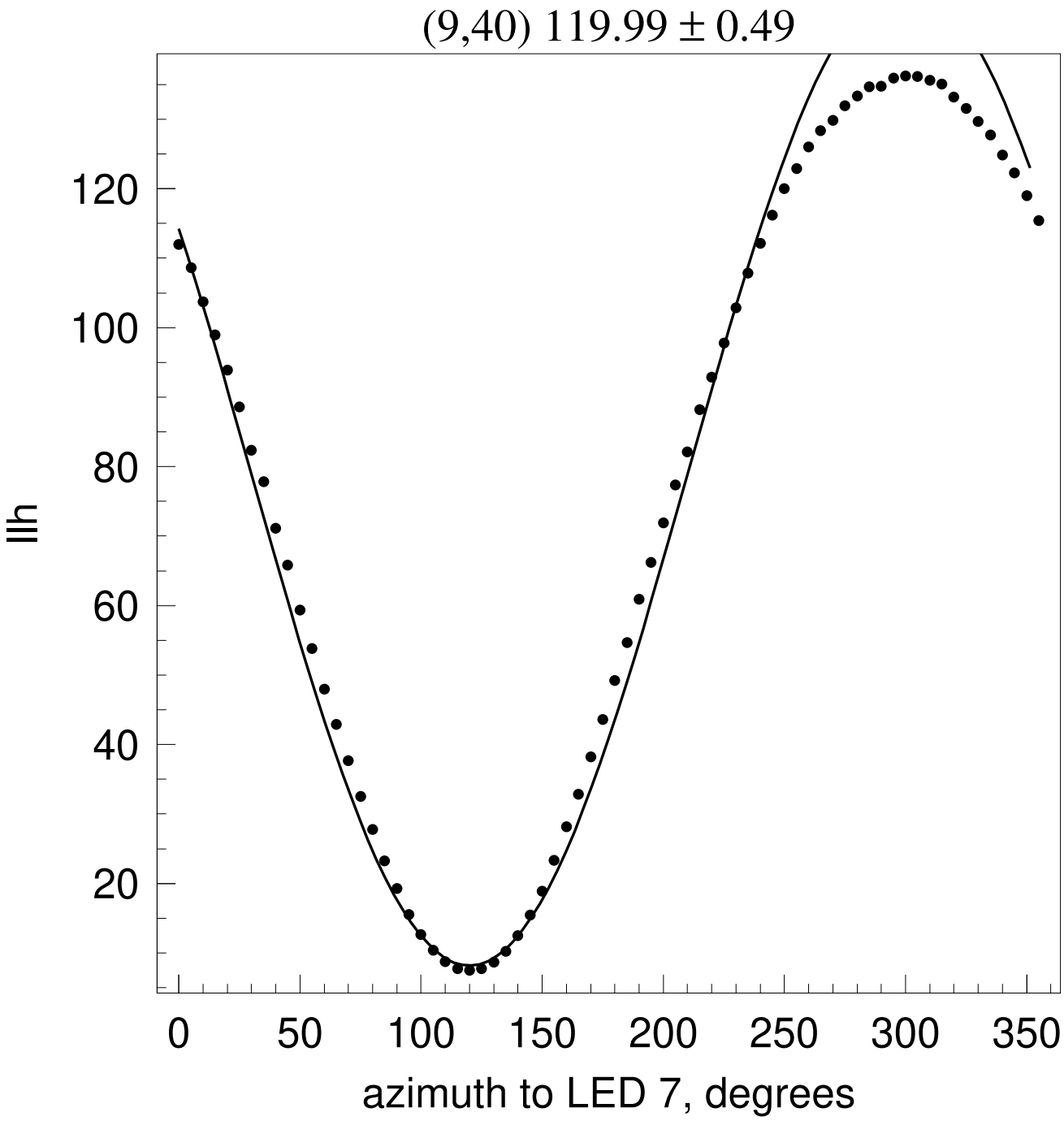

(9,35) 87.83 ± 16.30
26.5
26.25
26
25.75
25.5
25.25
25
24.75
24.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

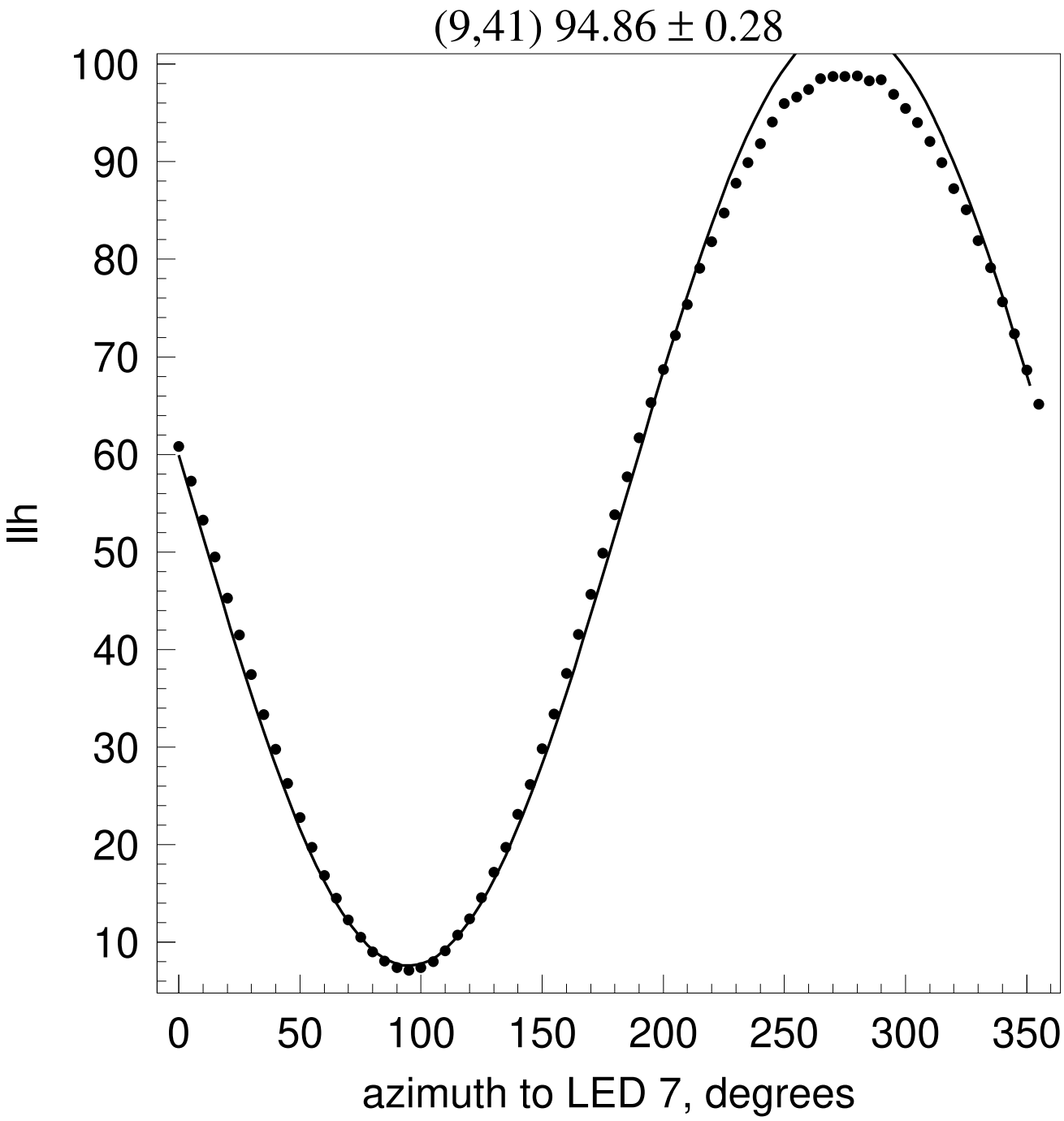

(9,36) 11.29 ± 12.68
23.75
23.5
23.25
23
22.75
22.5
22.25
22
21.75
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

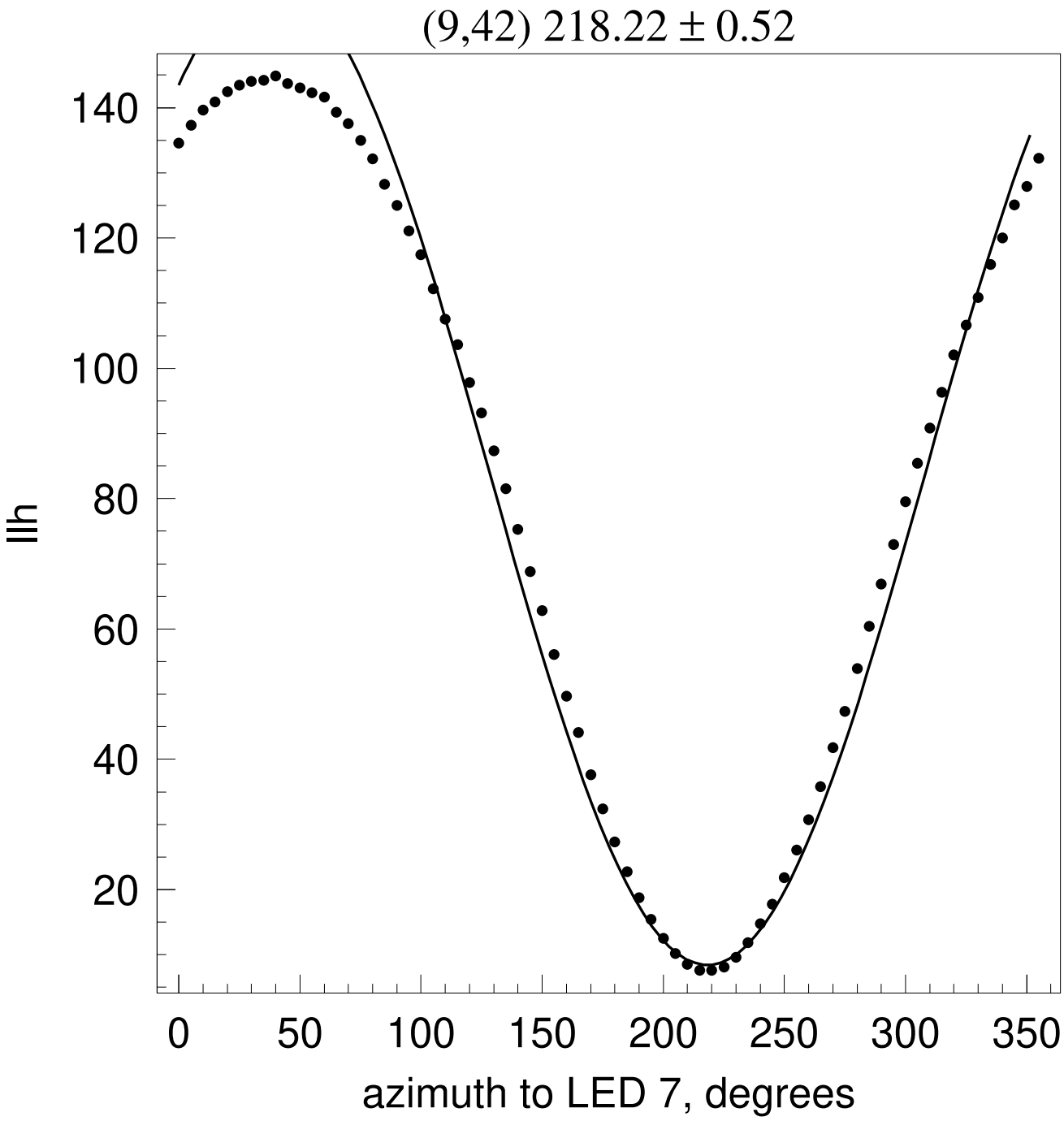

(9,37) 304.37 ± 0.53
26
25
24
23
22
21
20
19
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

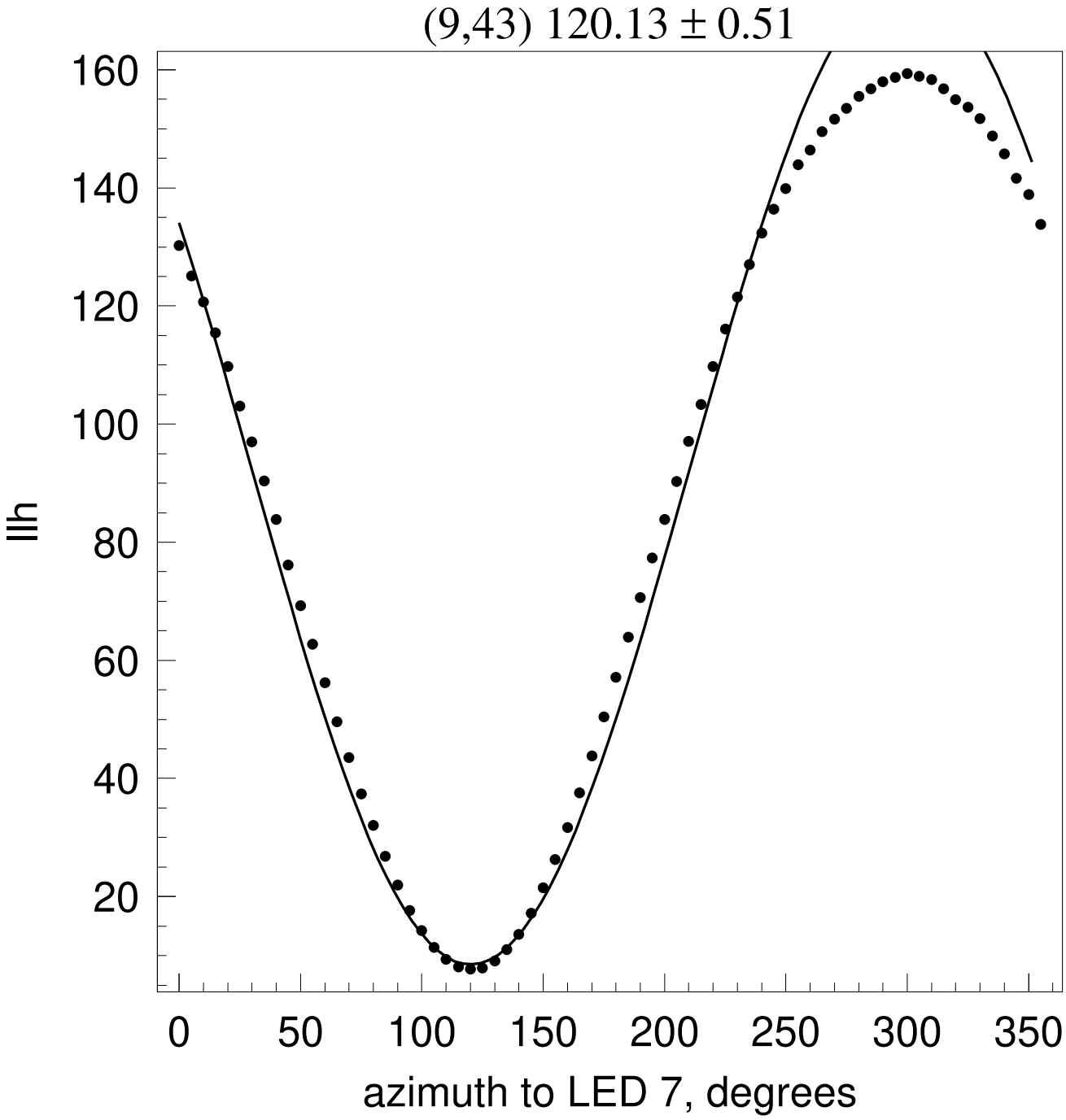

(9,38) 256.49 ± 0.27
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

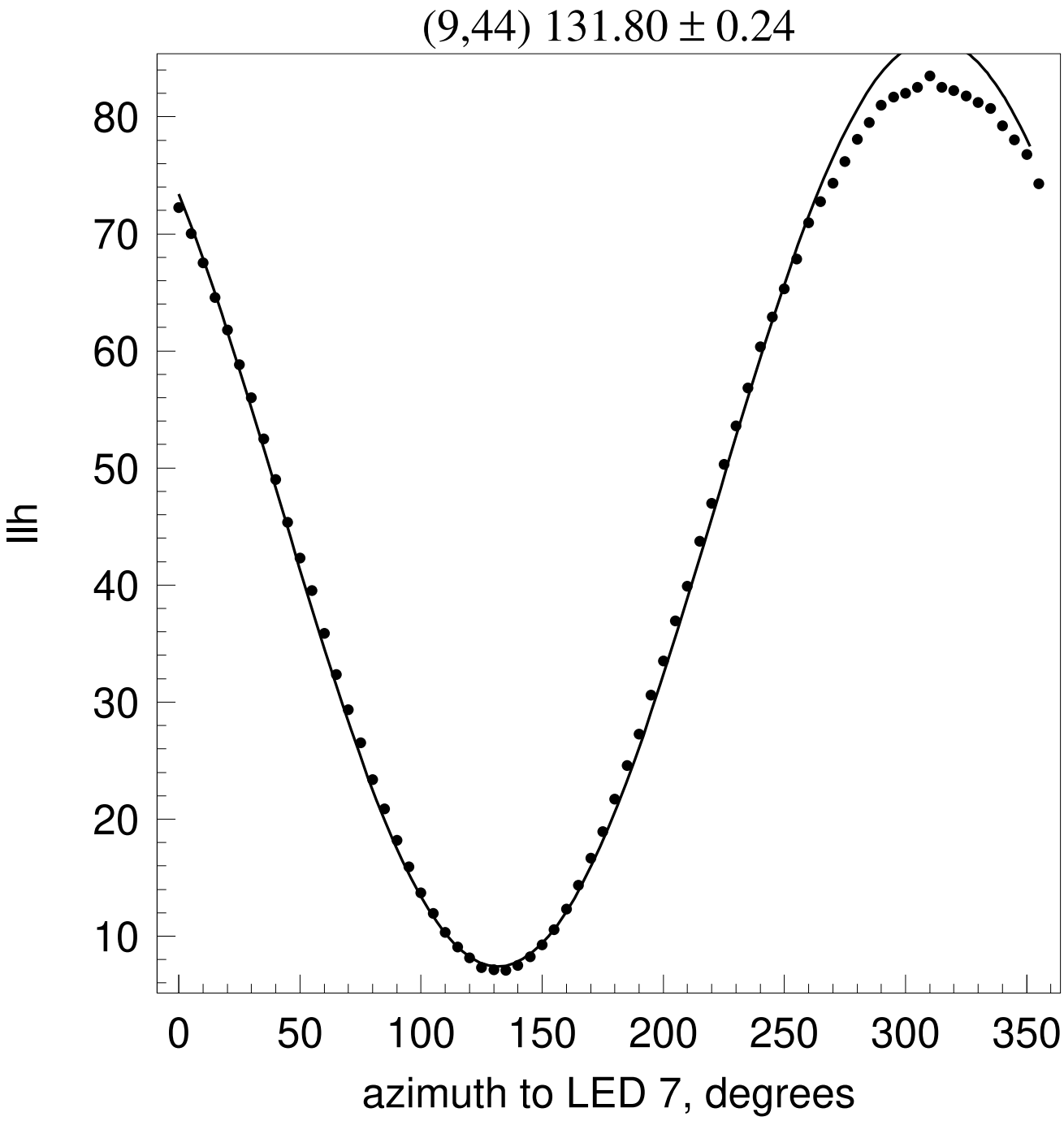

(9,39) 173.74 ± 0.52
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

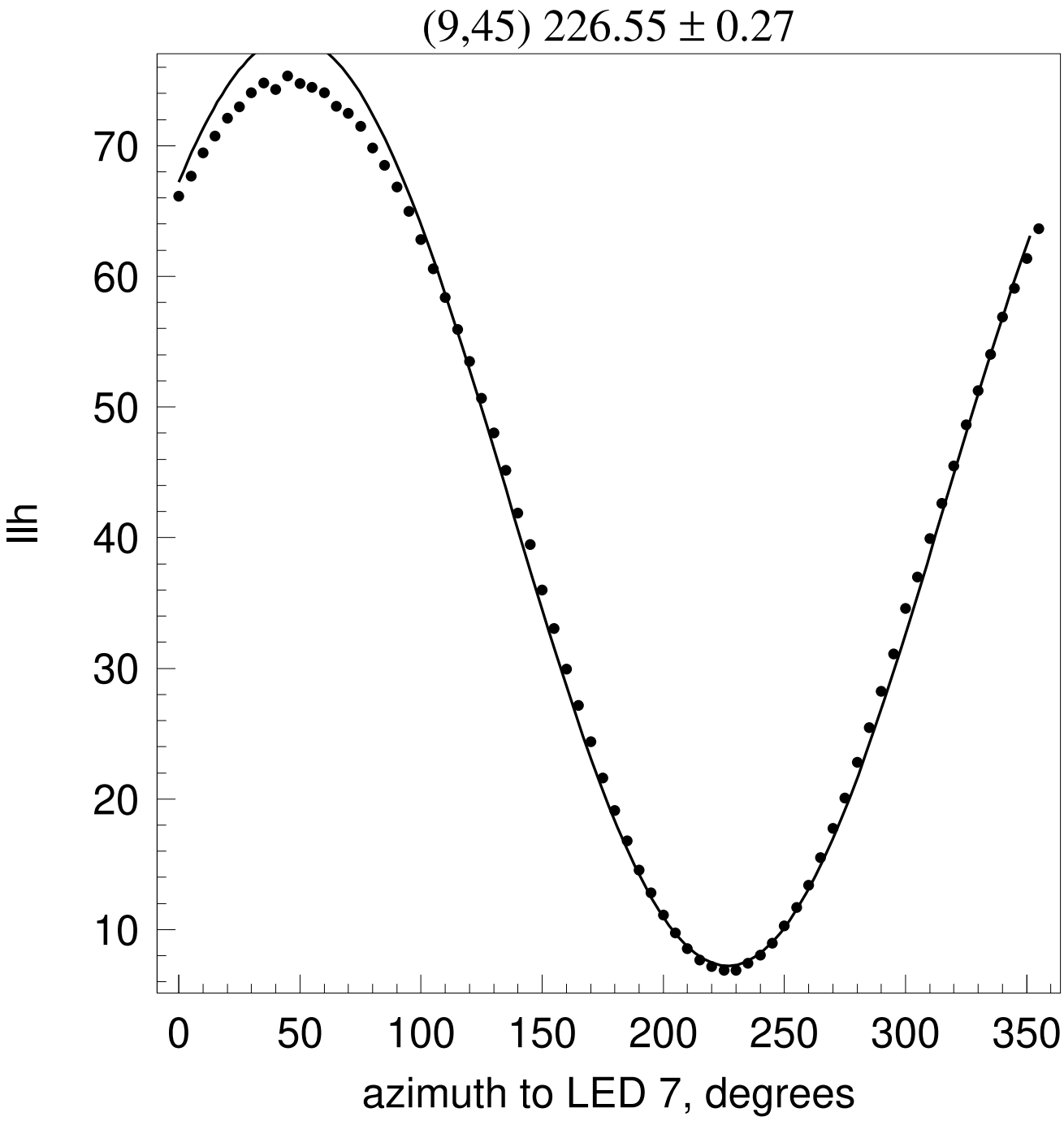

(9,40) 119.99 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

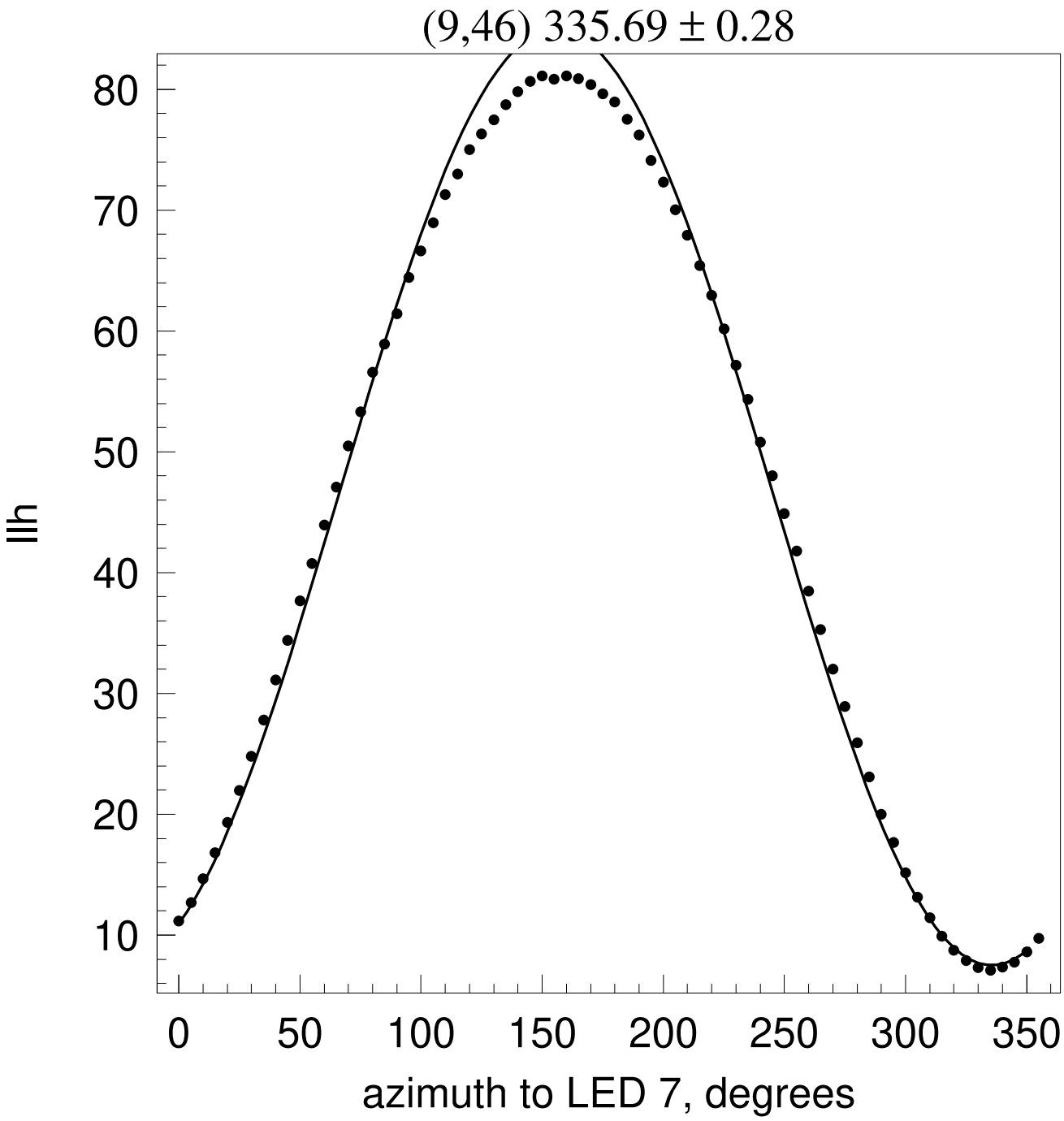

(9,41) 94.86 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

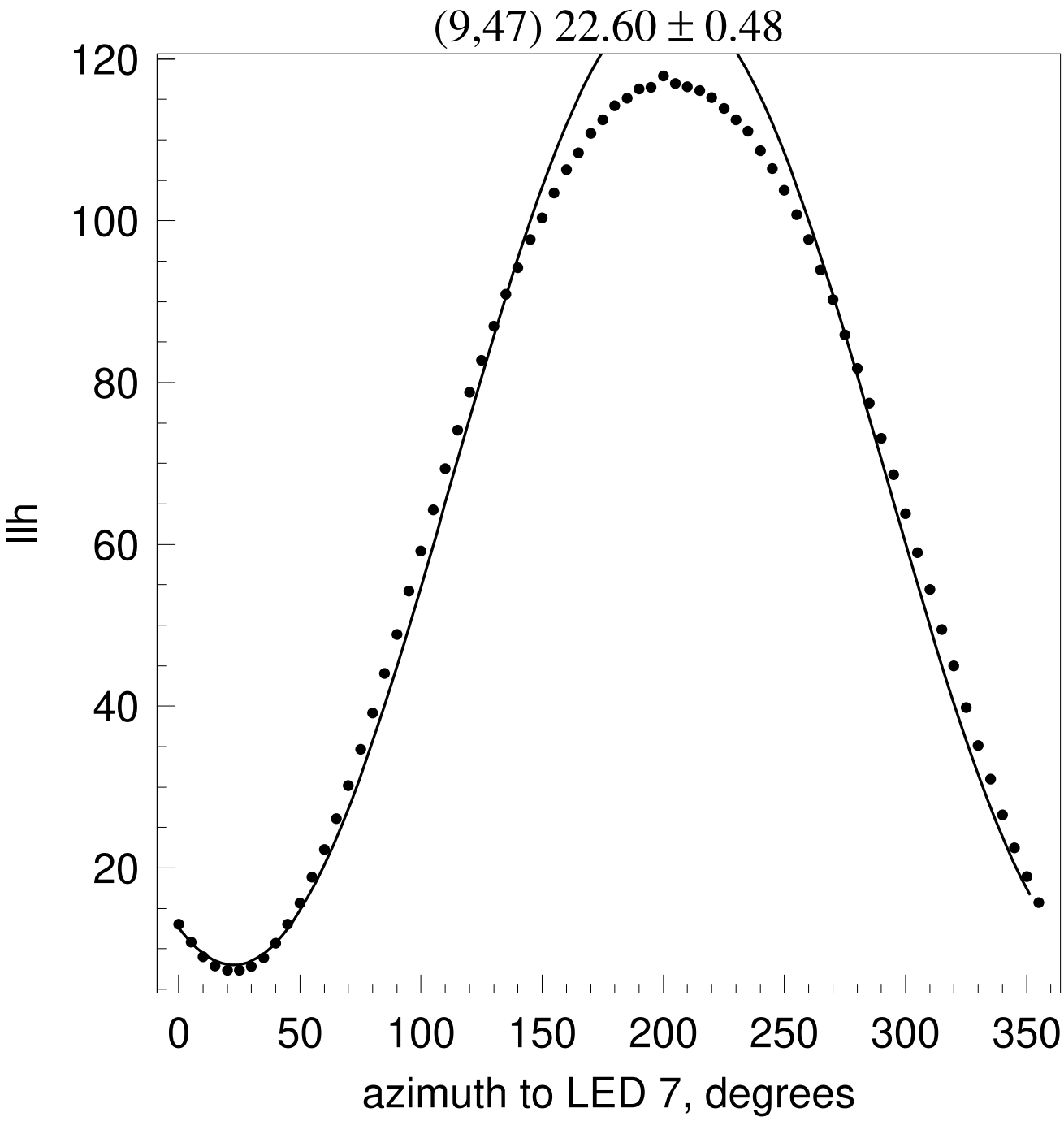

(9,42) 218.22 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

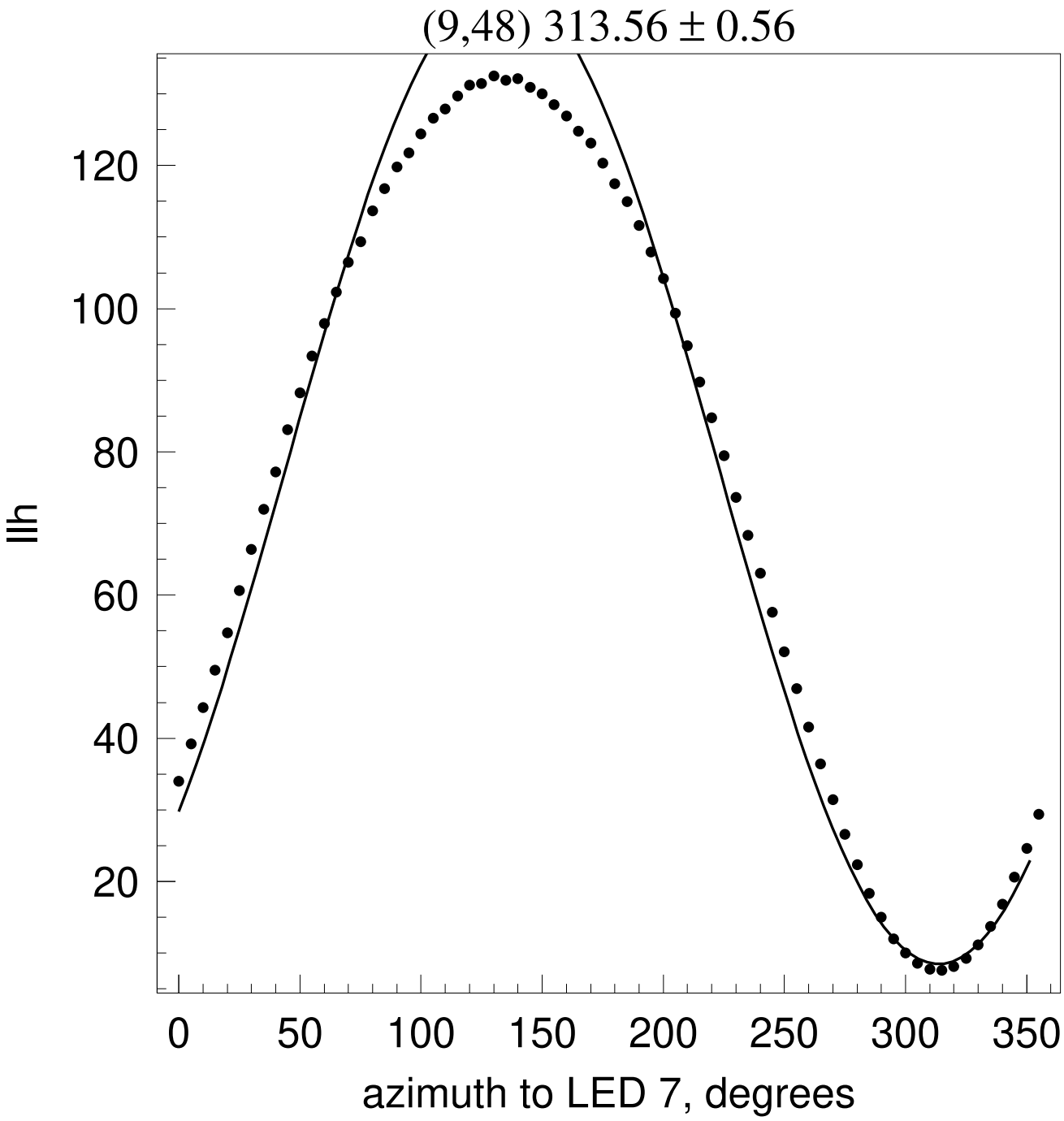

(9,43) 120.13 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

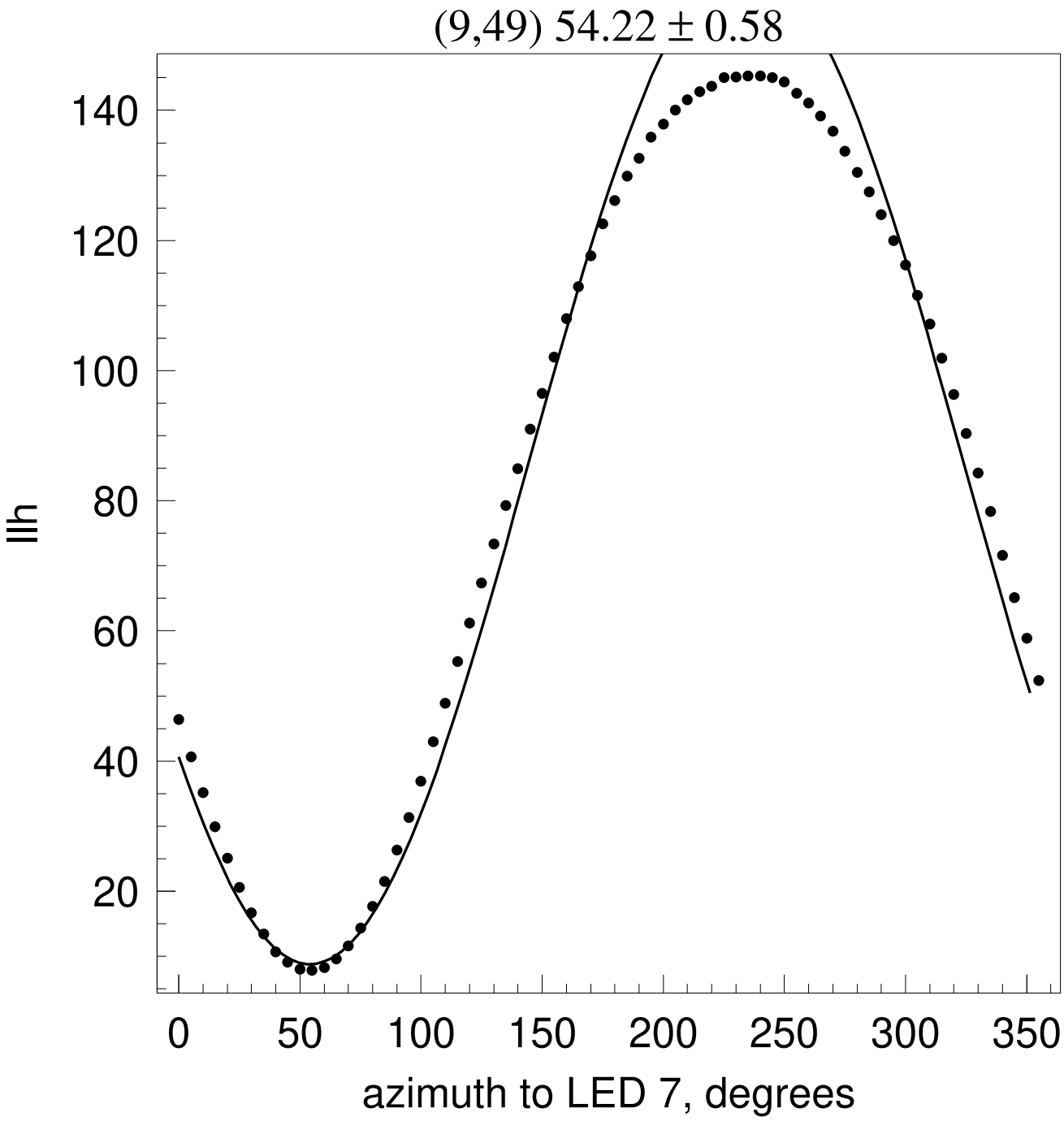

(9,44) 131.80 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

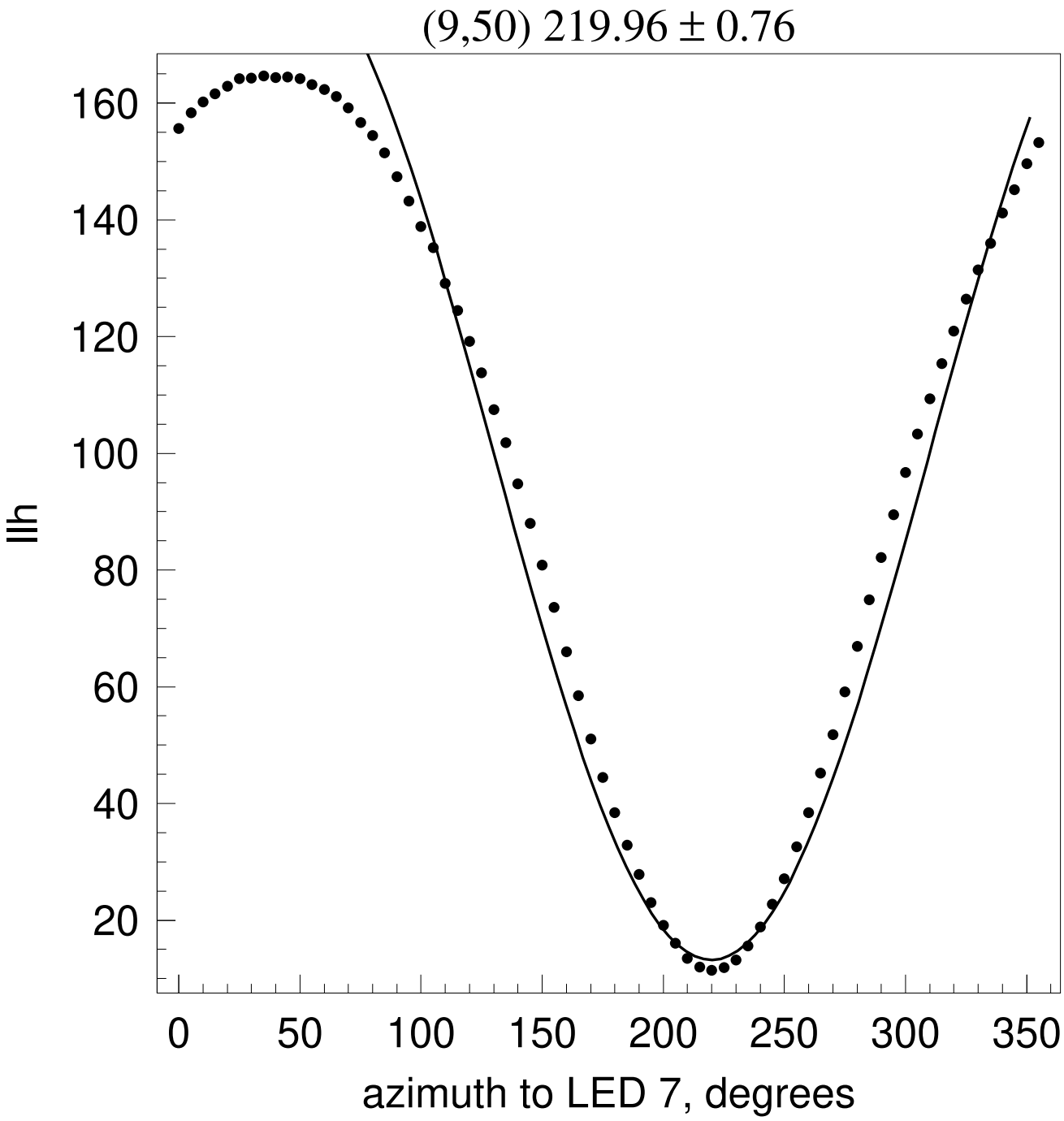

(9,45) 226.55 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

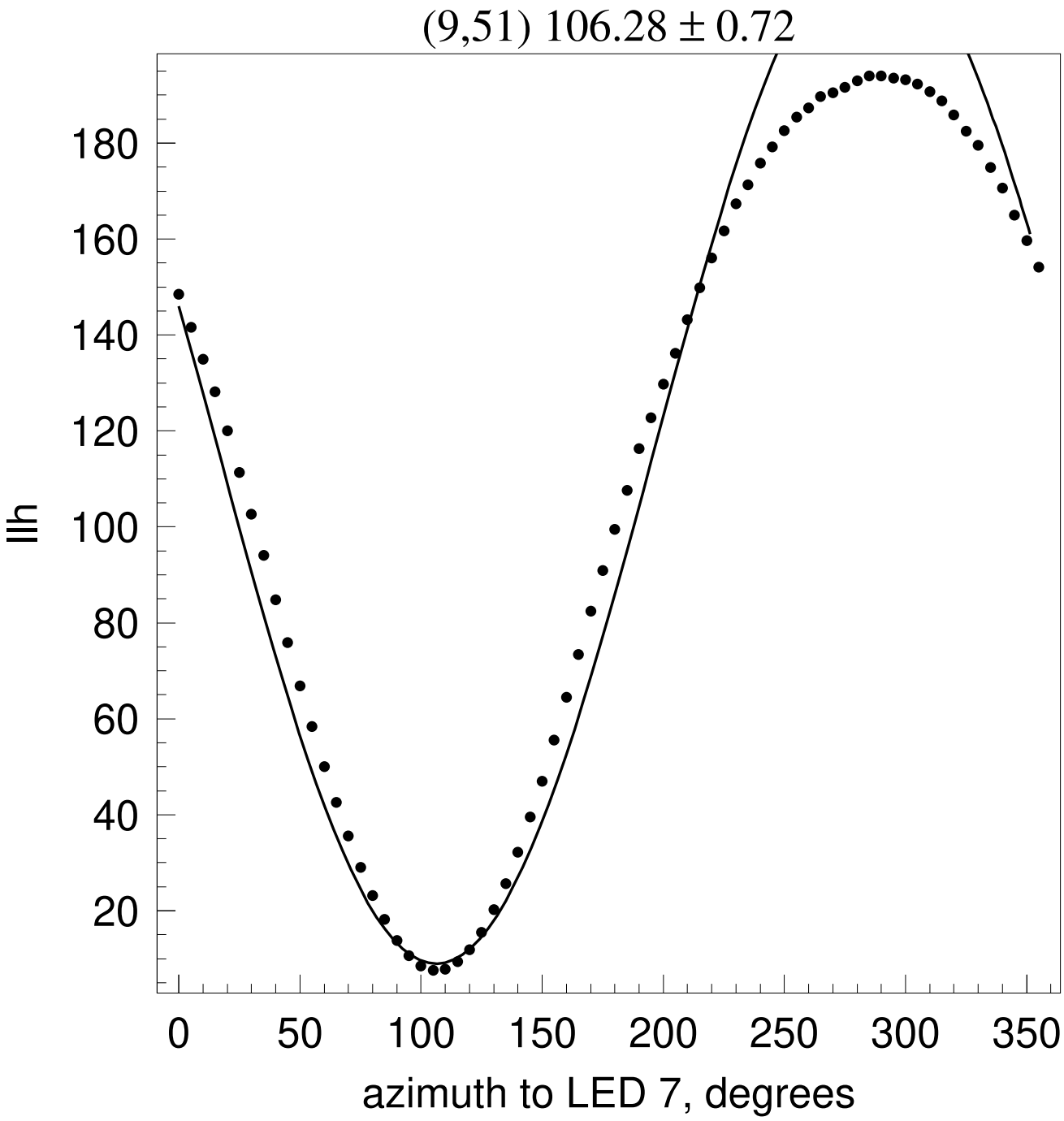

(9,46) 335.69 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

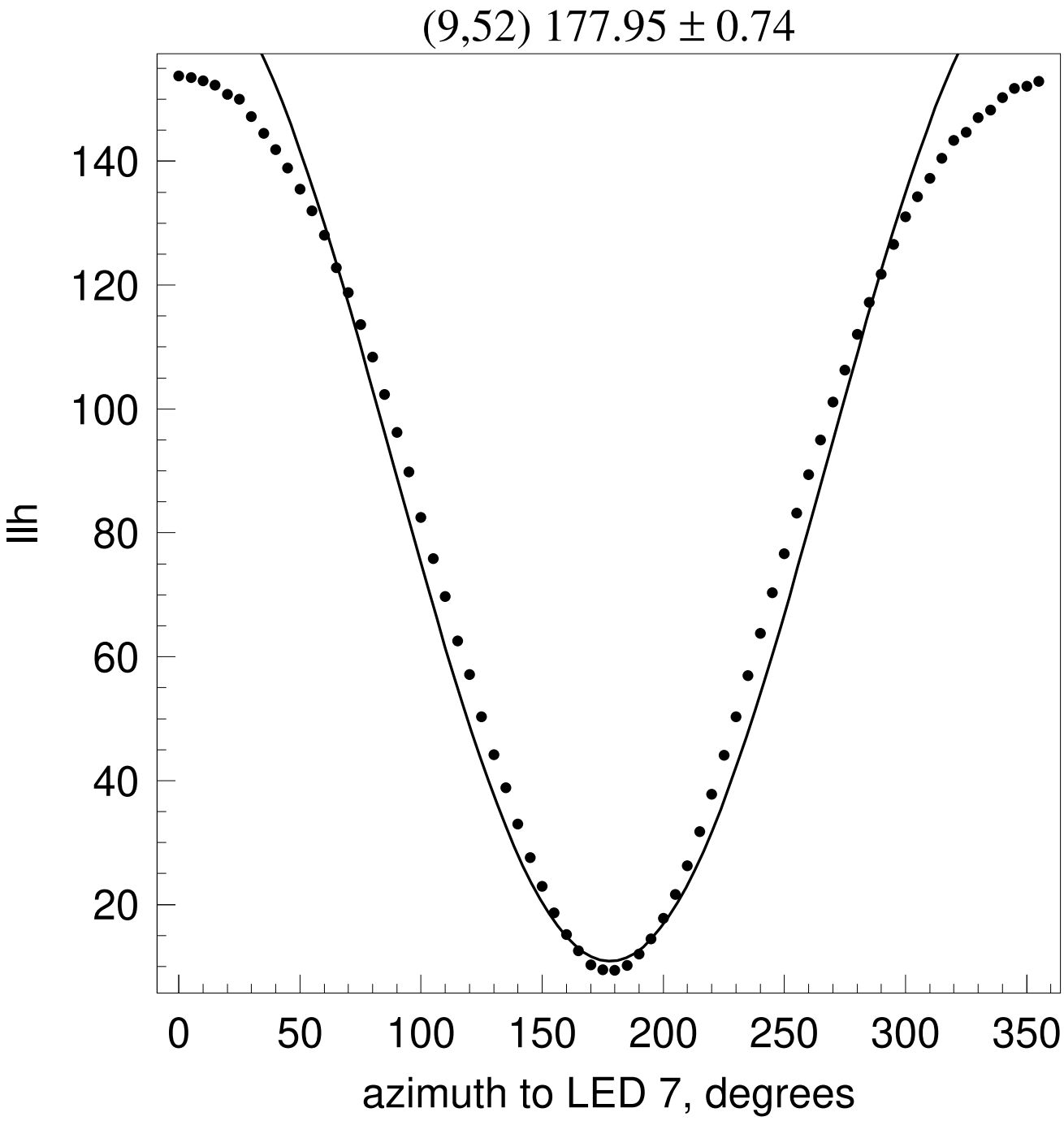

(9,47) 22.60 ± 0.48
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

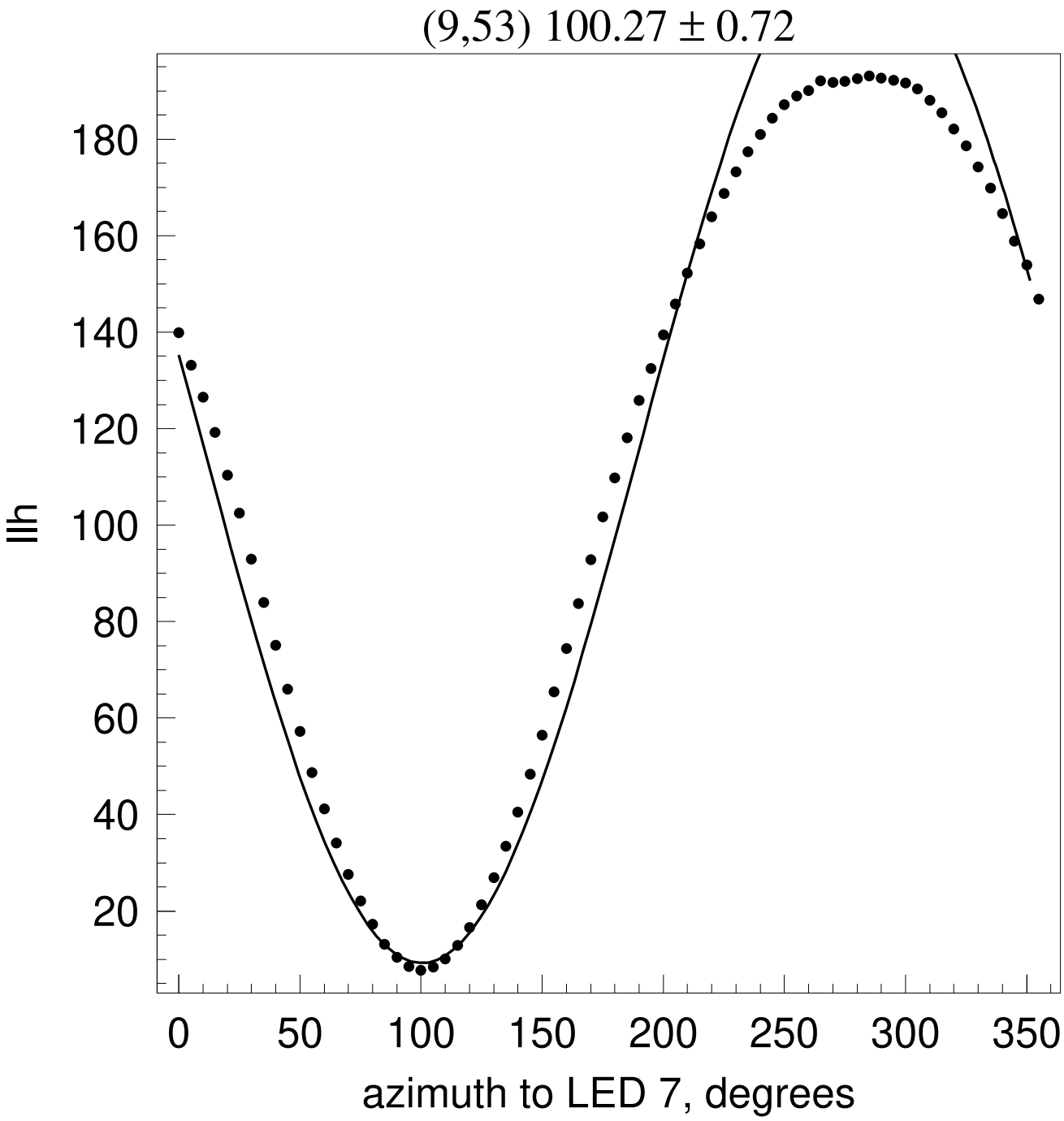

(9,48) 313.56 ± 0.56
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

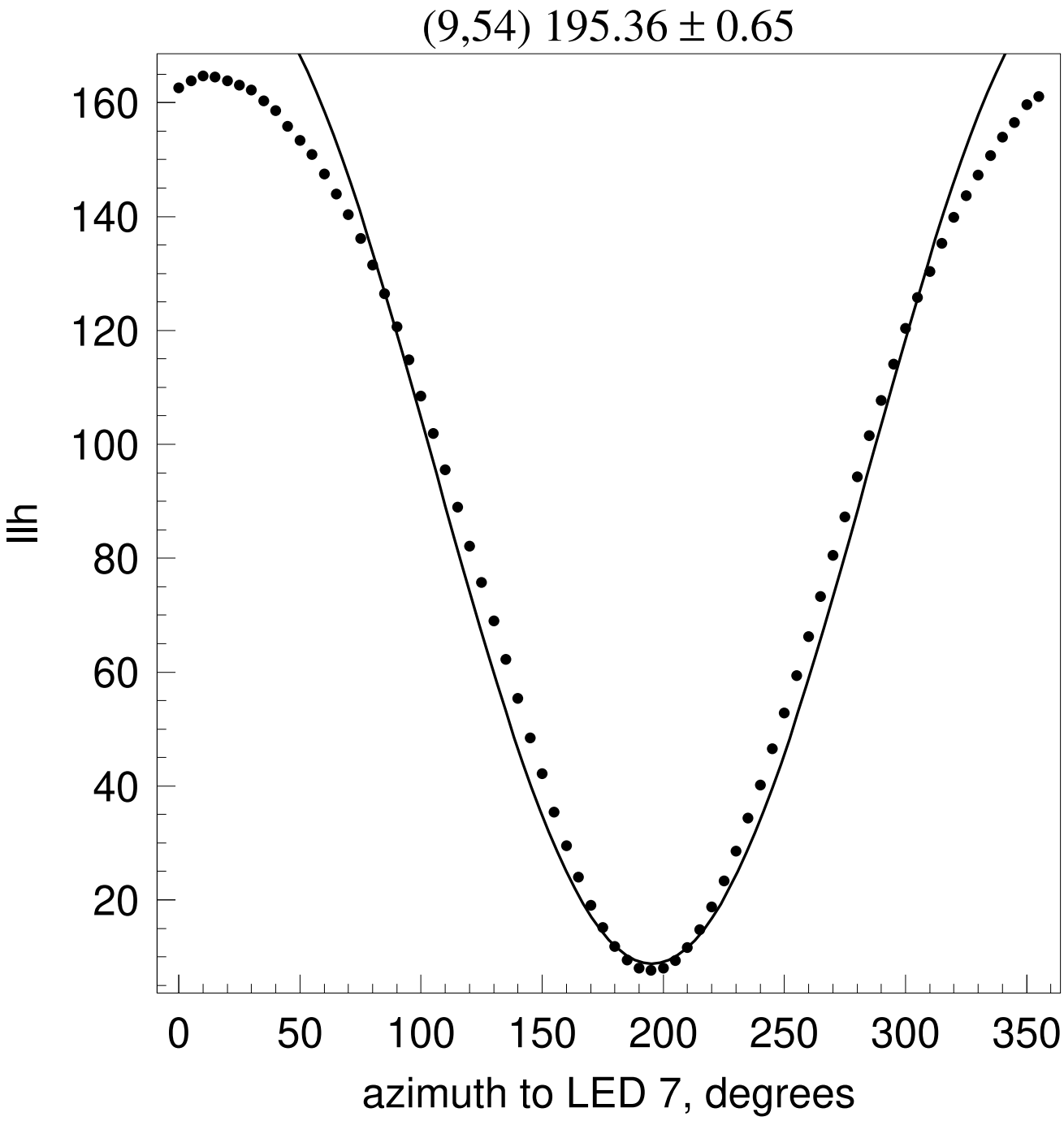

(9,49) 54.22 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

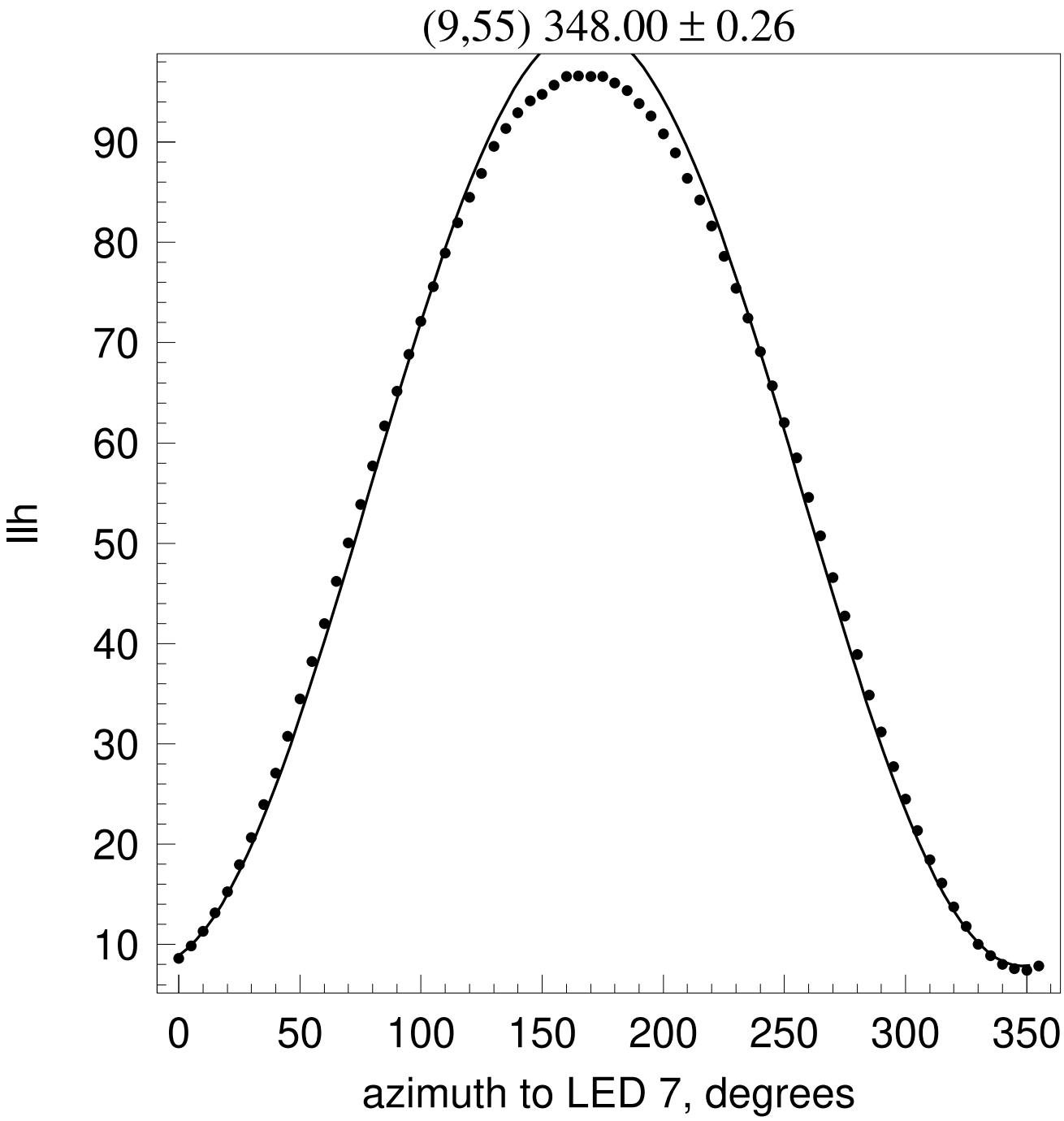

(9,50) 219.96 ± 0.76
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

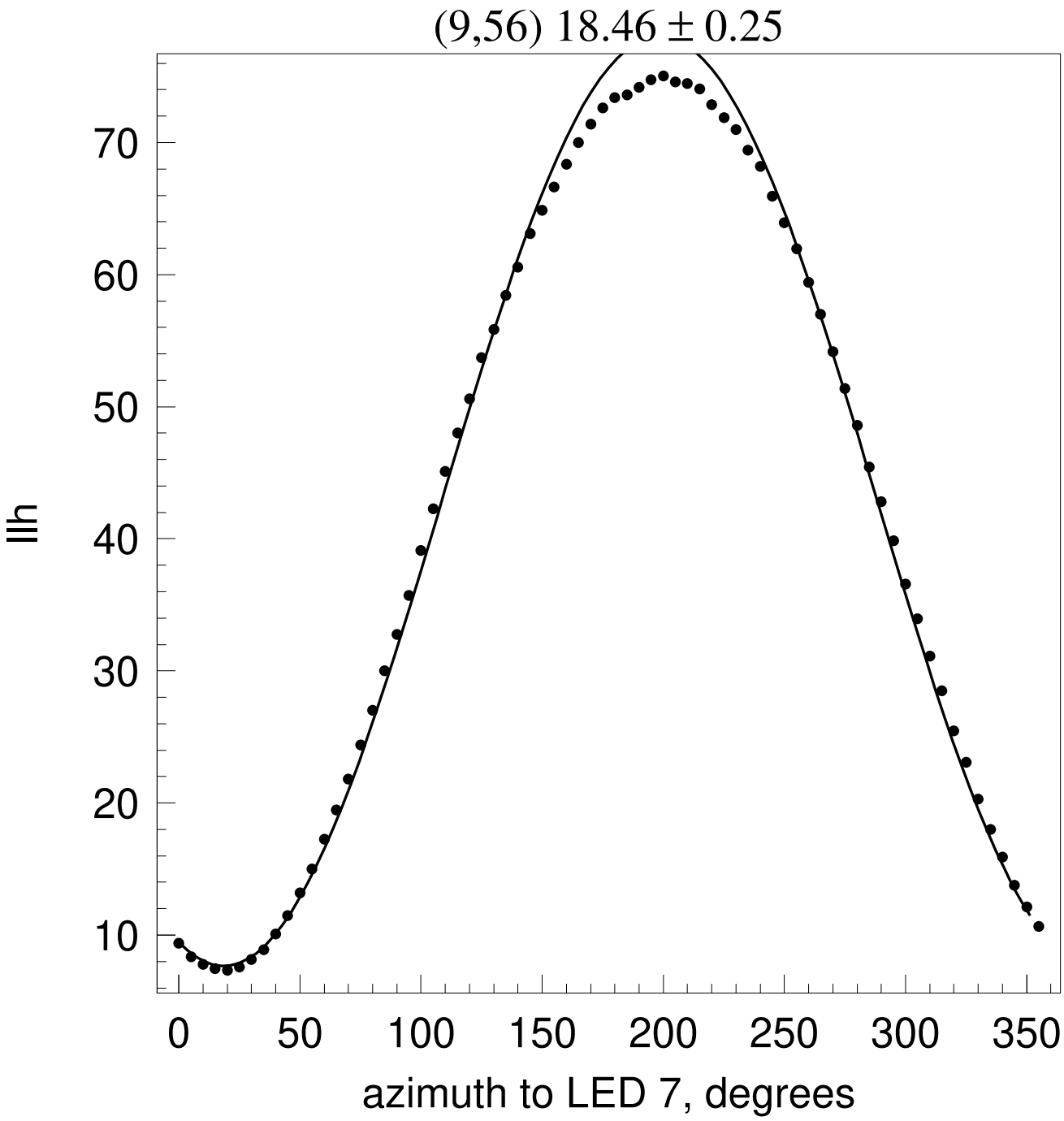

(9,51) 106.28 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

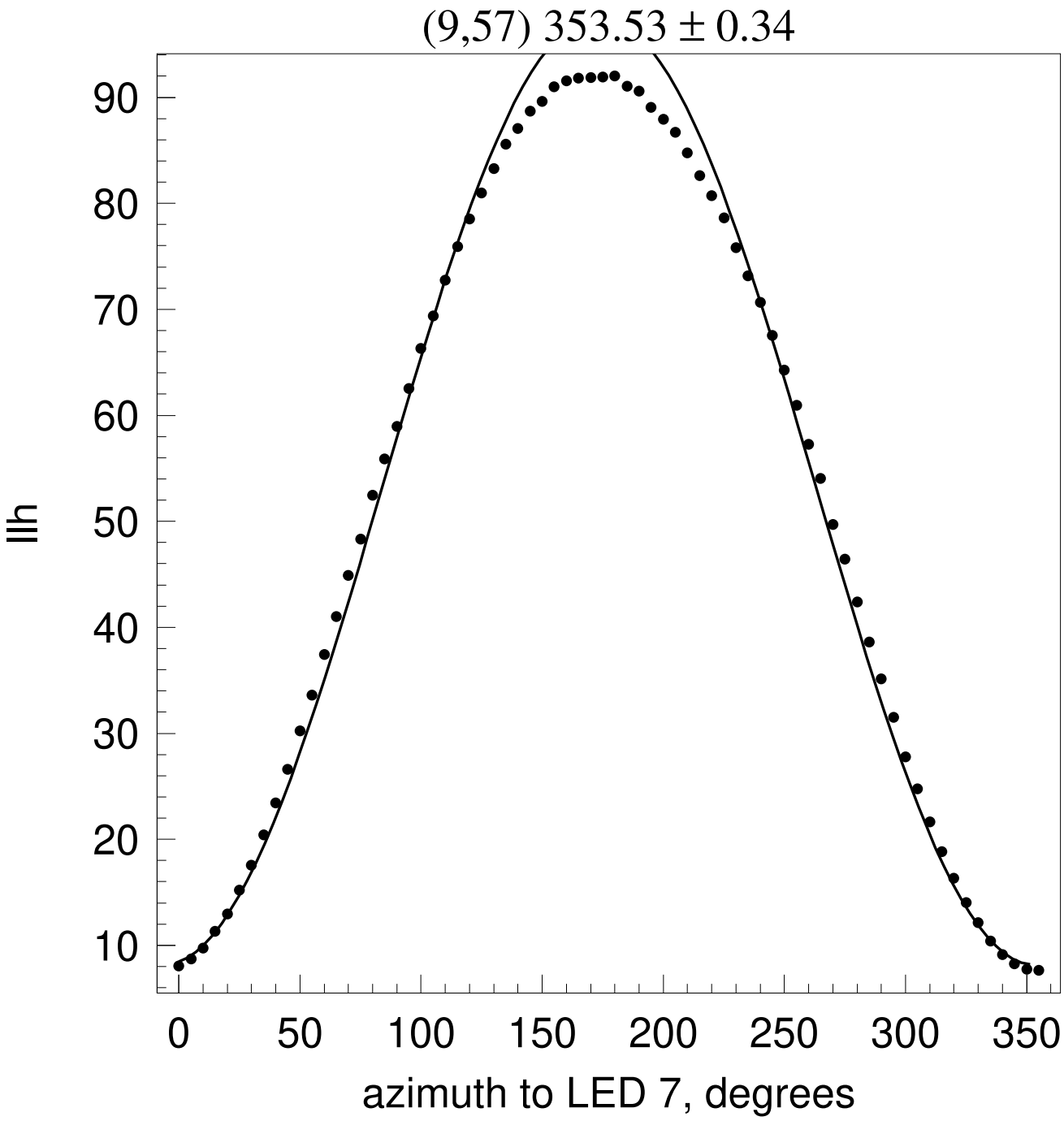

(9,52) 177.95 ± 0.74
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

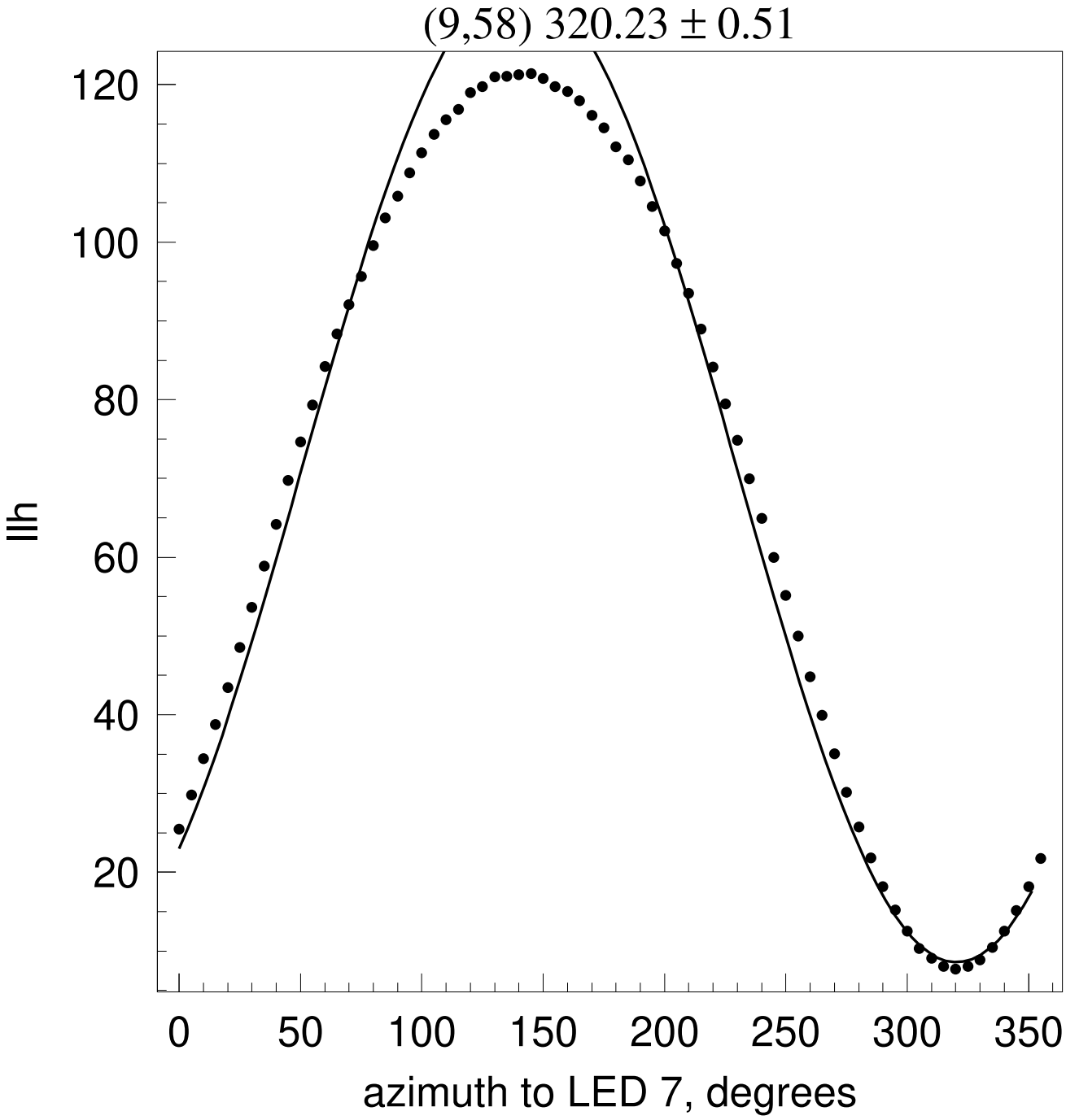

(9,53) 100.27 ± 0.72
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

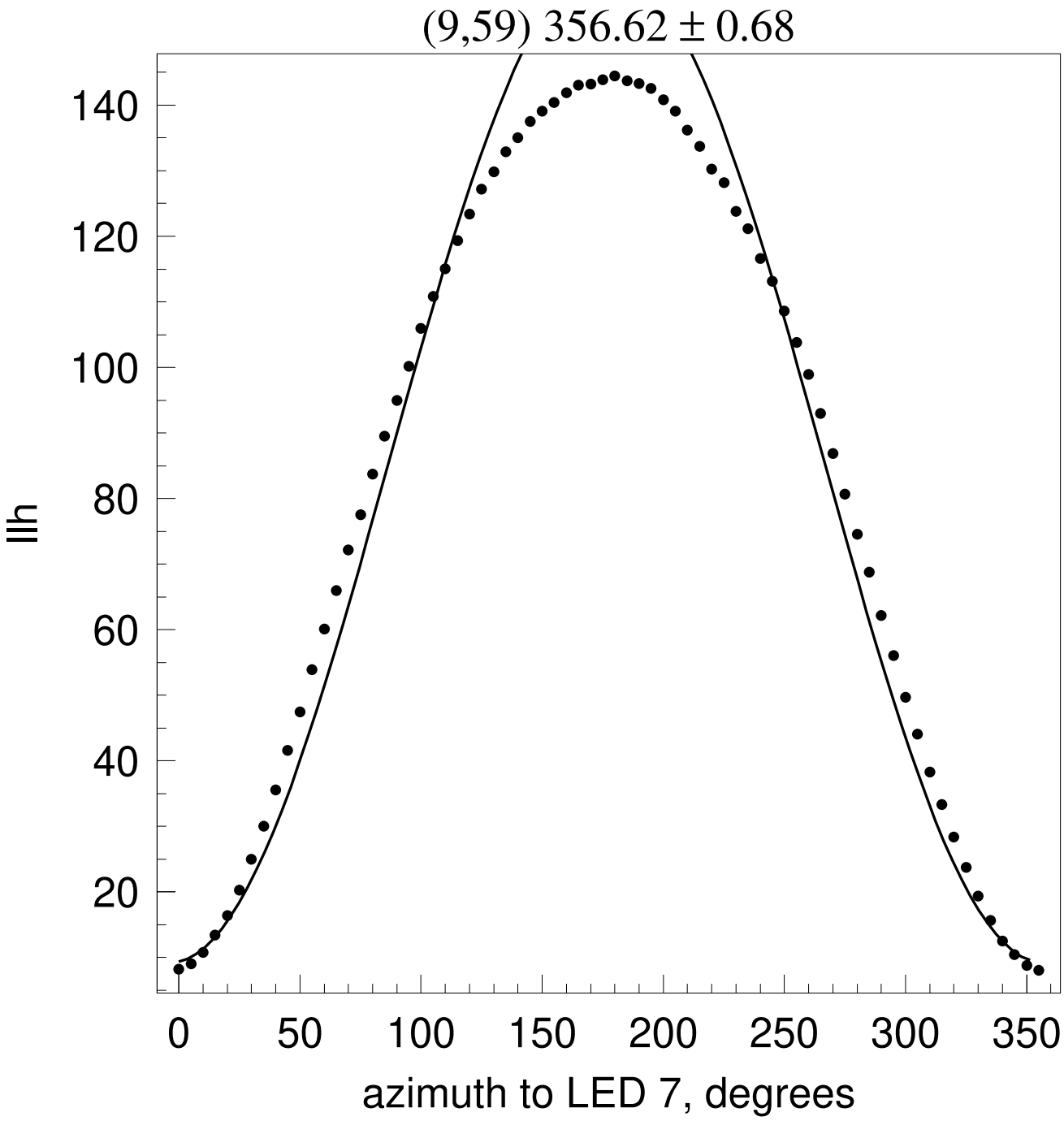

(9,54) 195.36 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

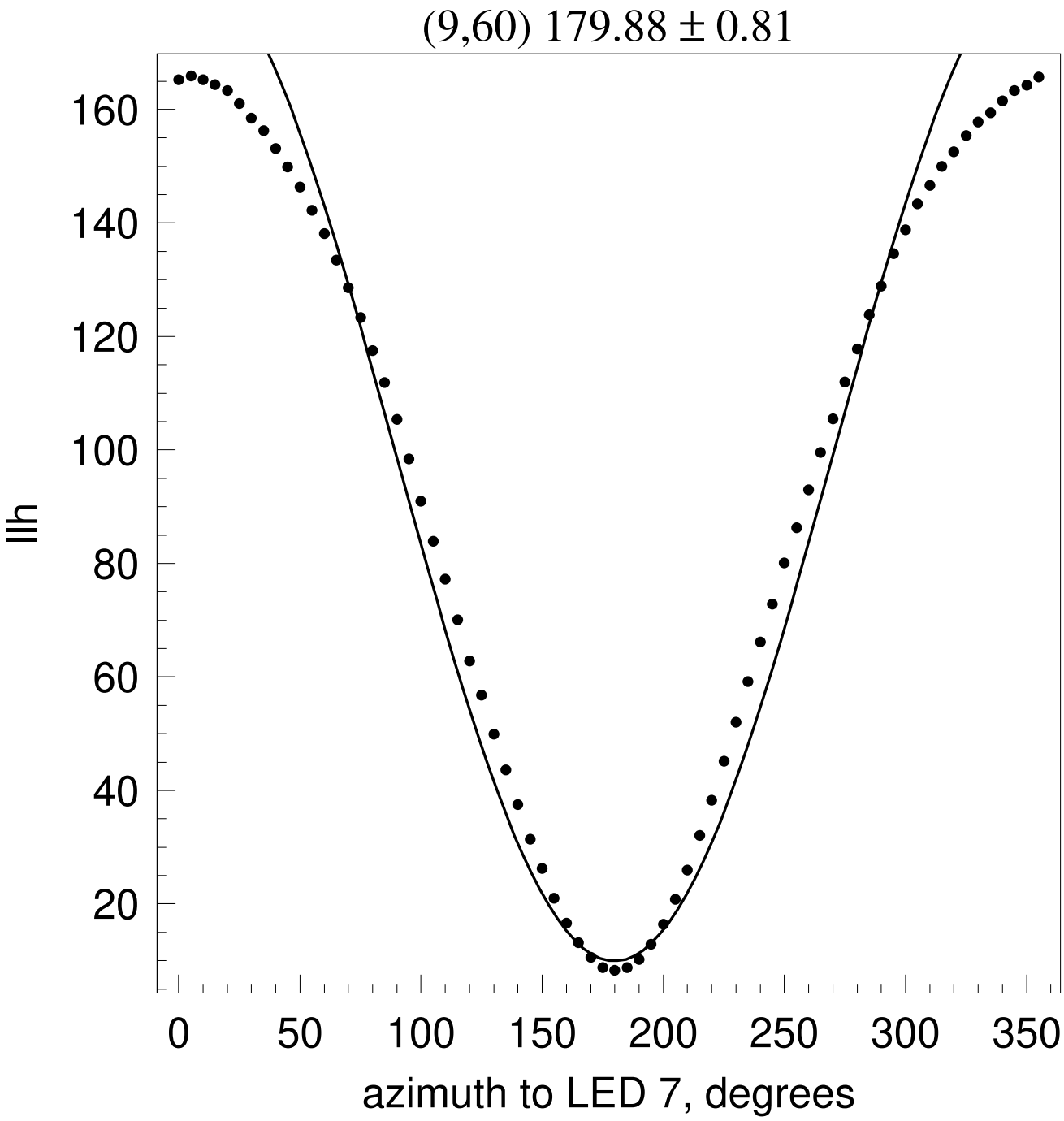

(9,55) 348.00 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

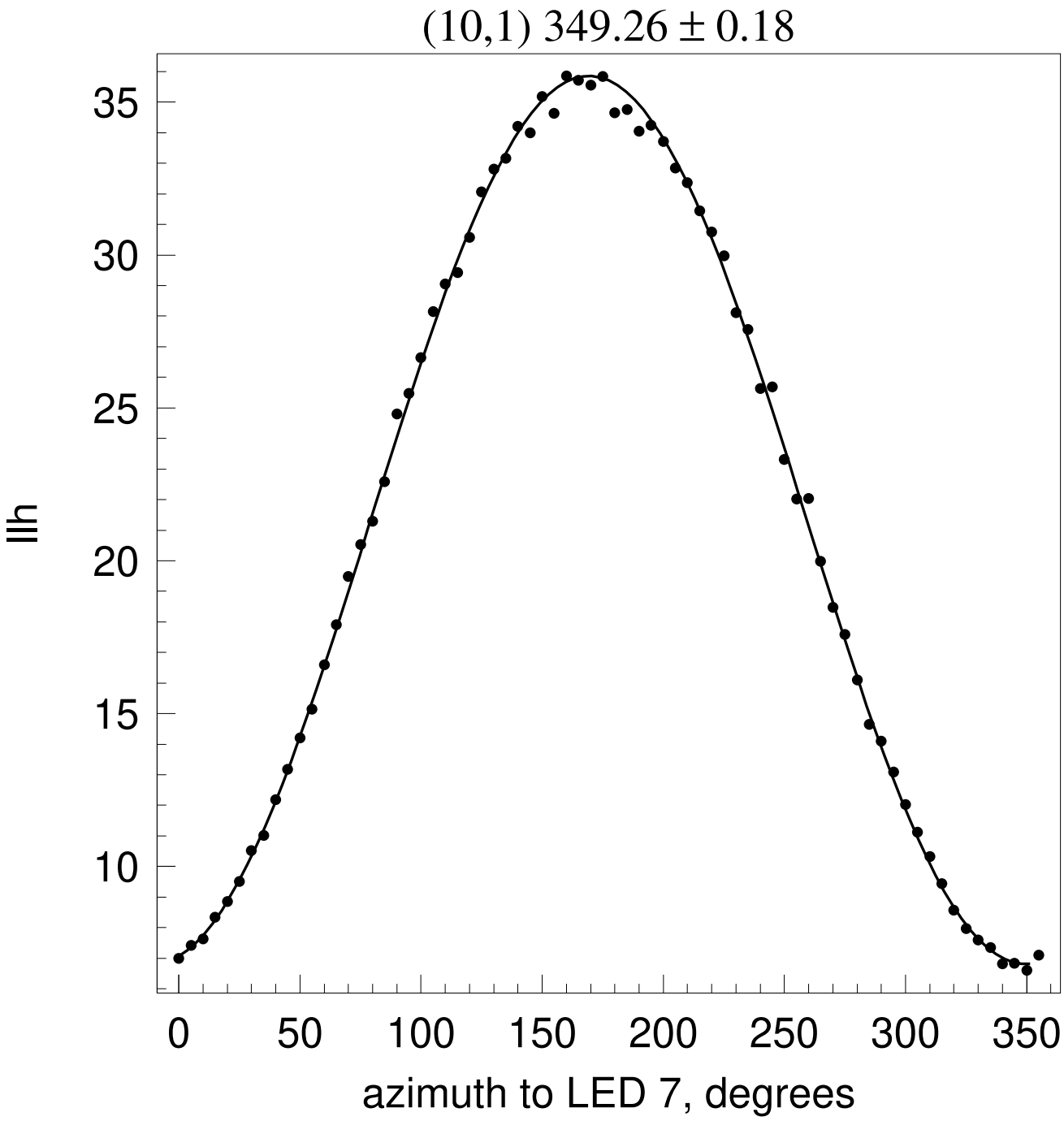

(9,56) 18.46 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

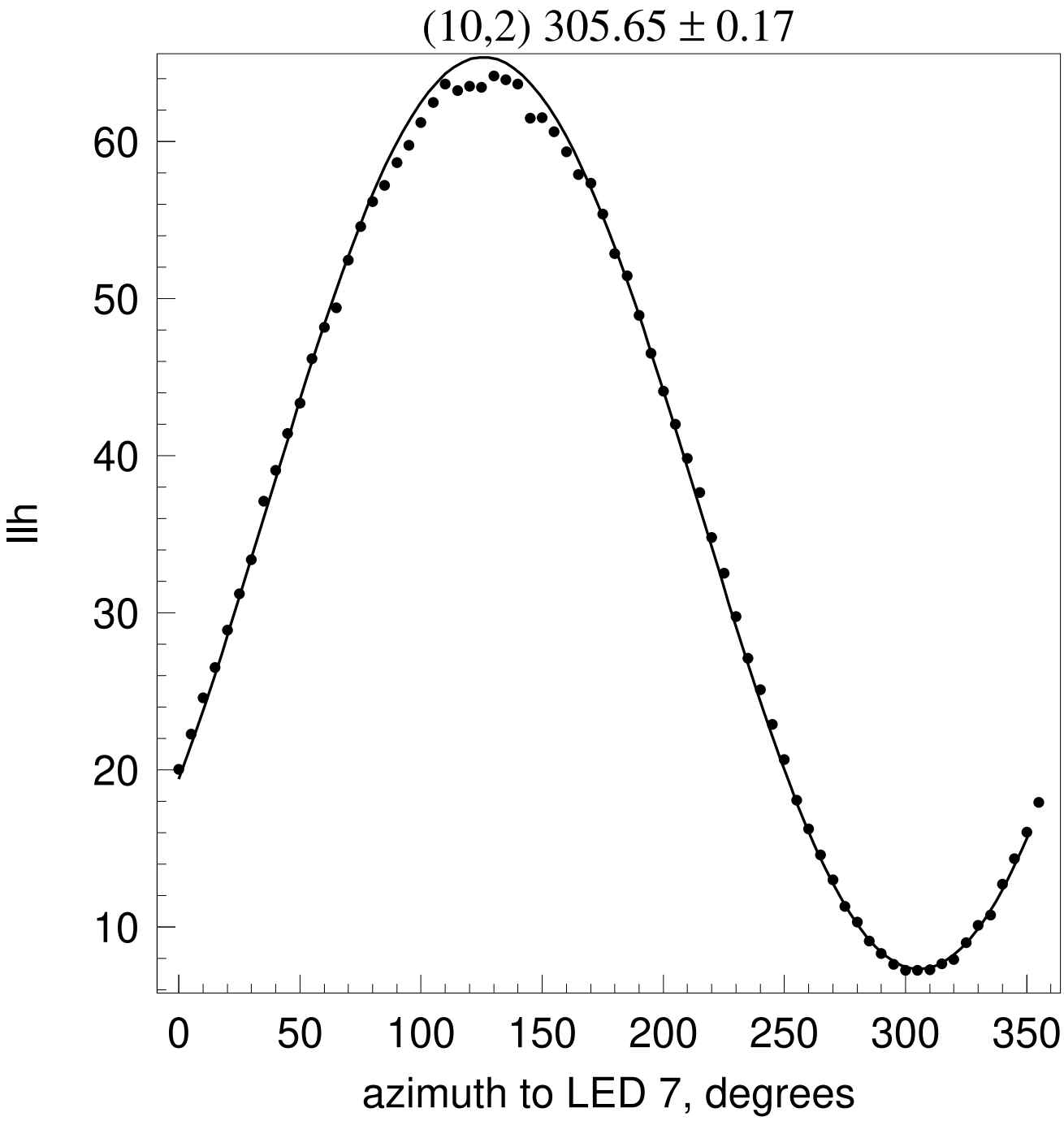

(9,57) 353.53 ± 0.34
90
80
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

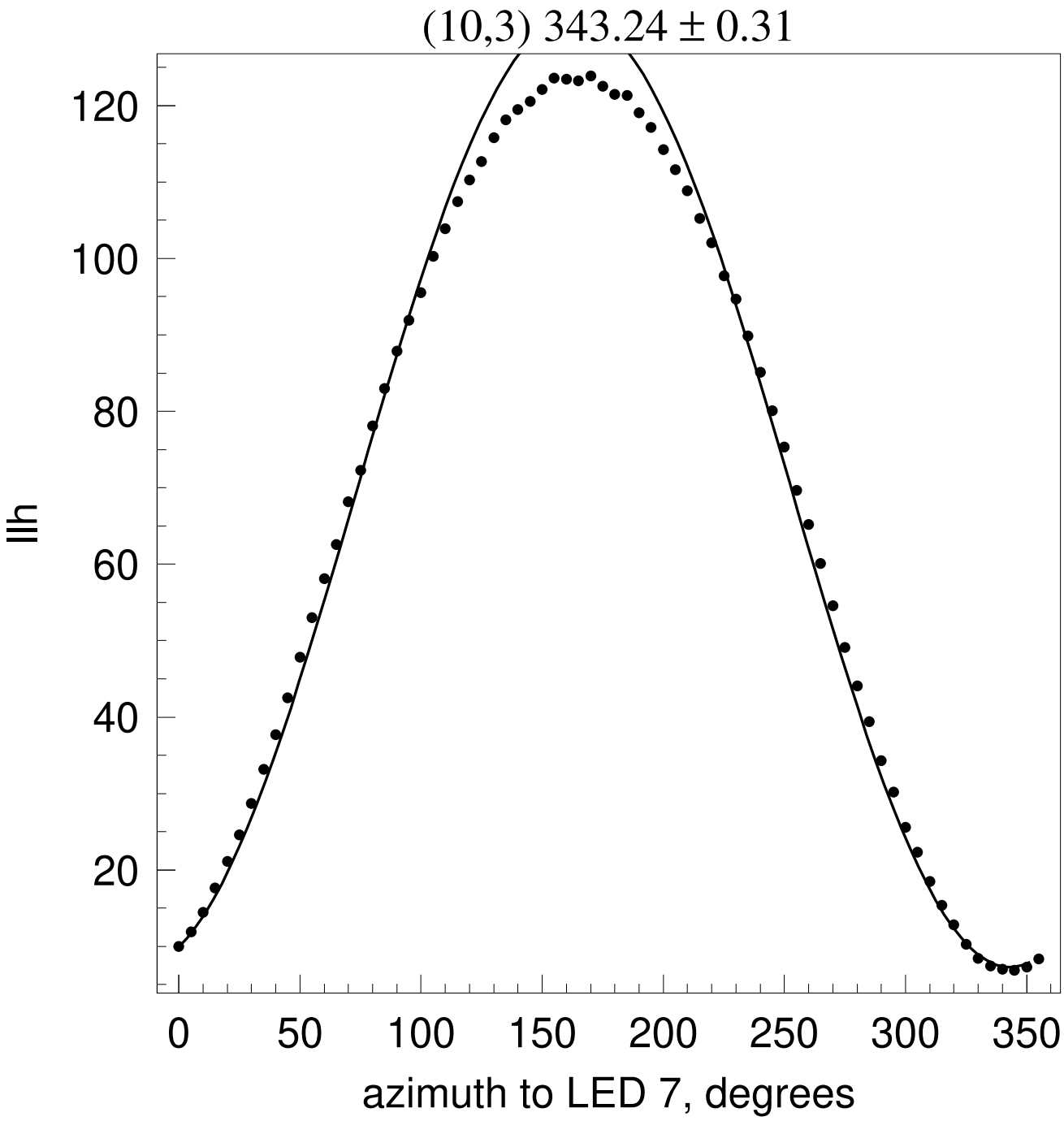

(9,58) 320.23 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

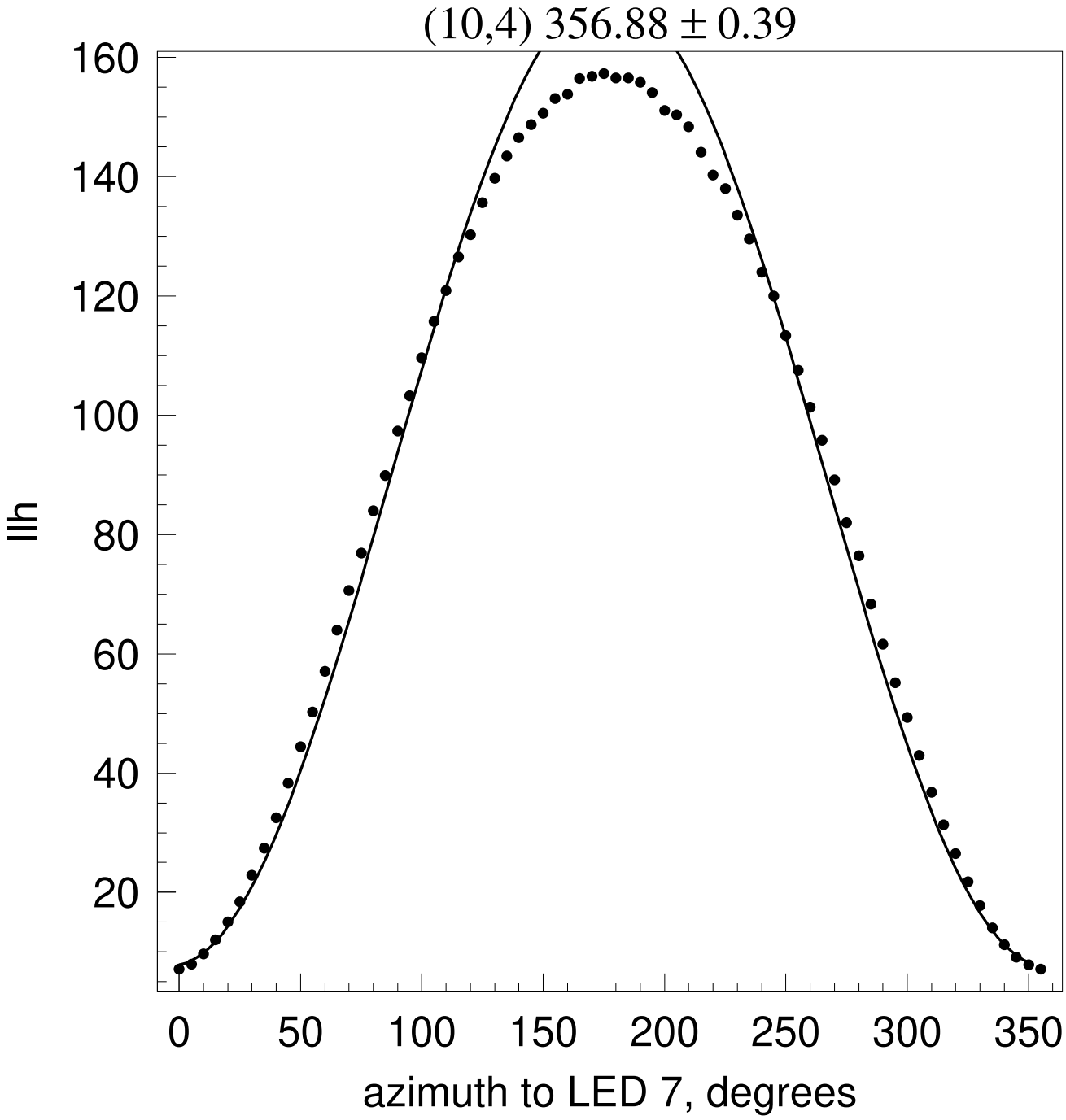

(9,59) 356.62 ± 0.68
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

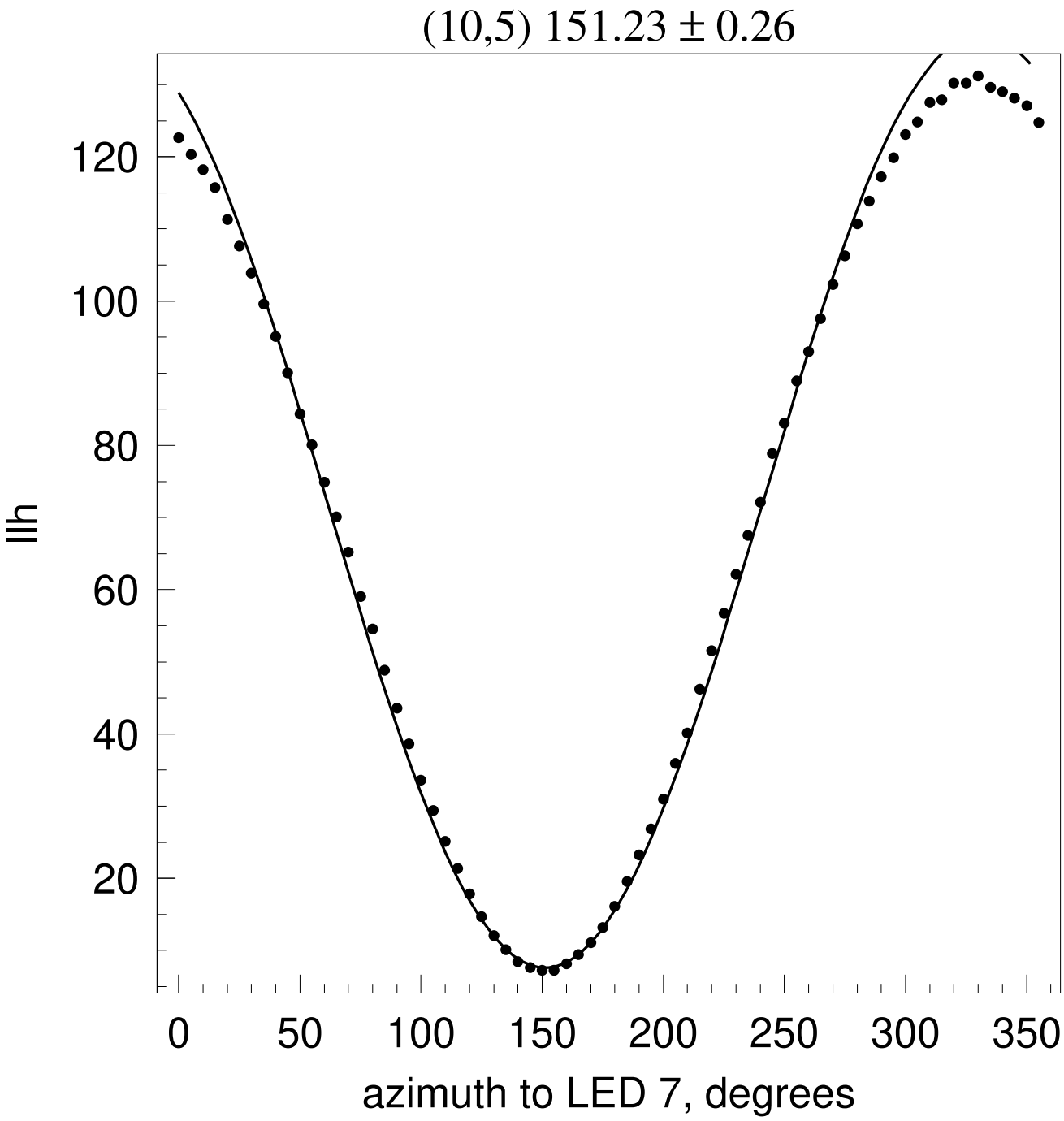

(9,60) 179.88 ± 0.81
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

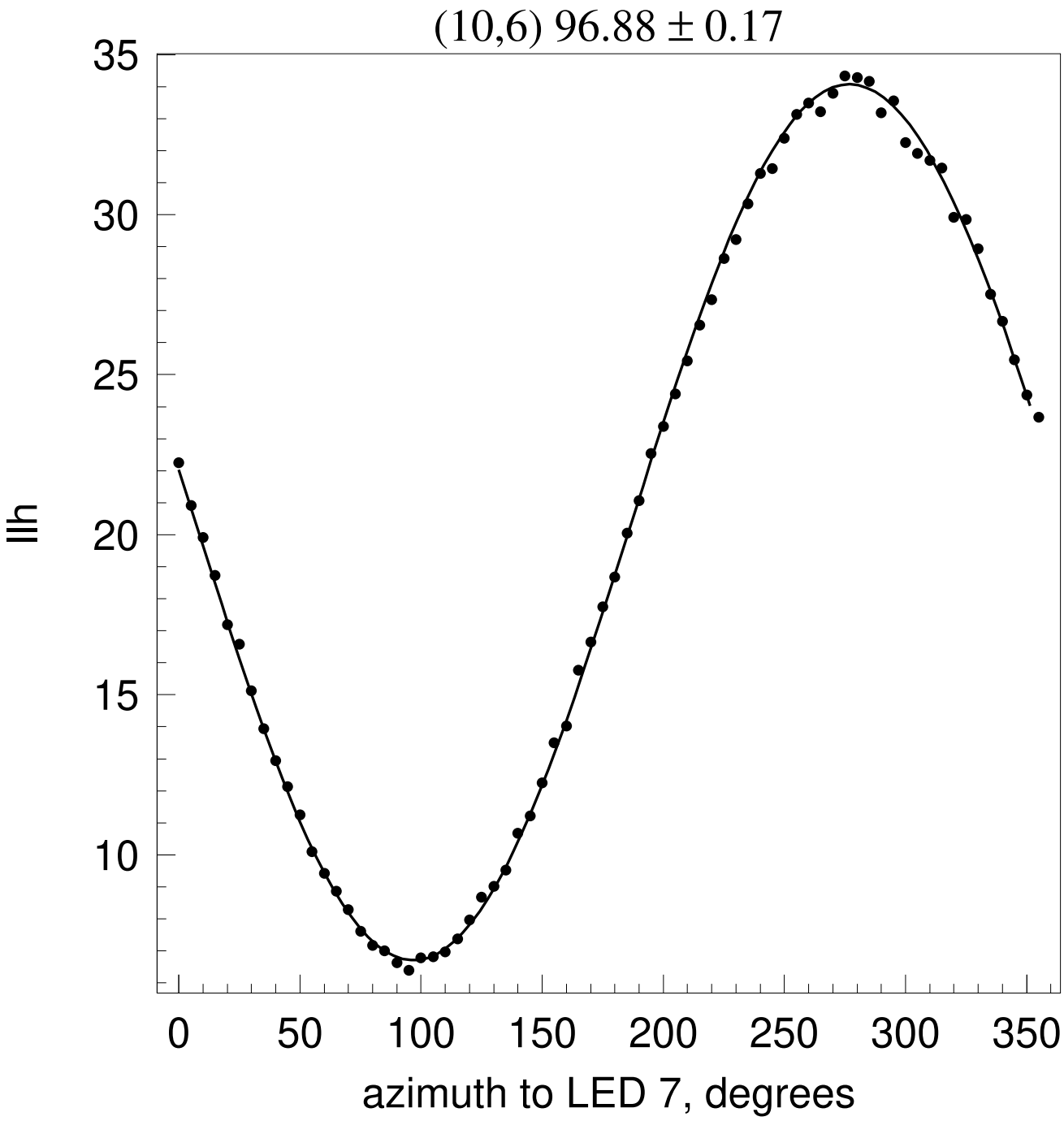

(10,1) 349.26 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

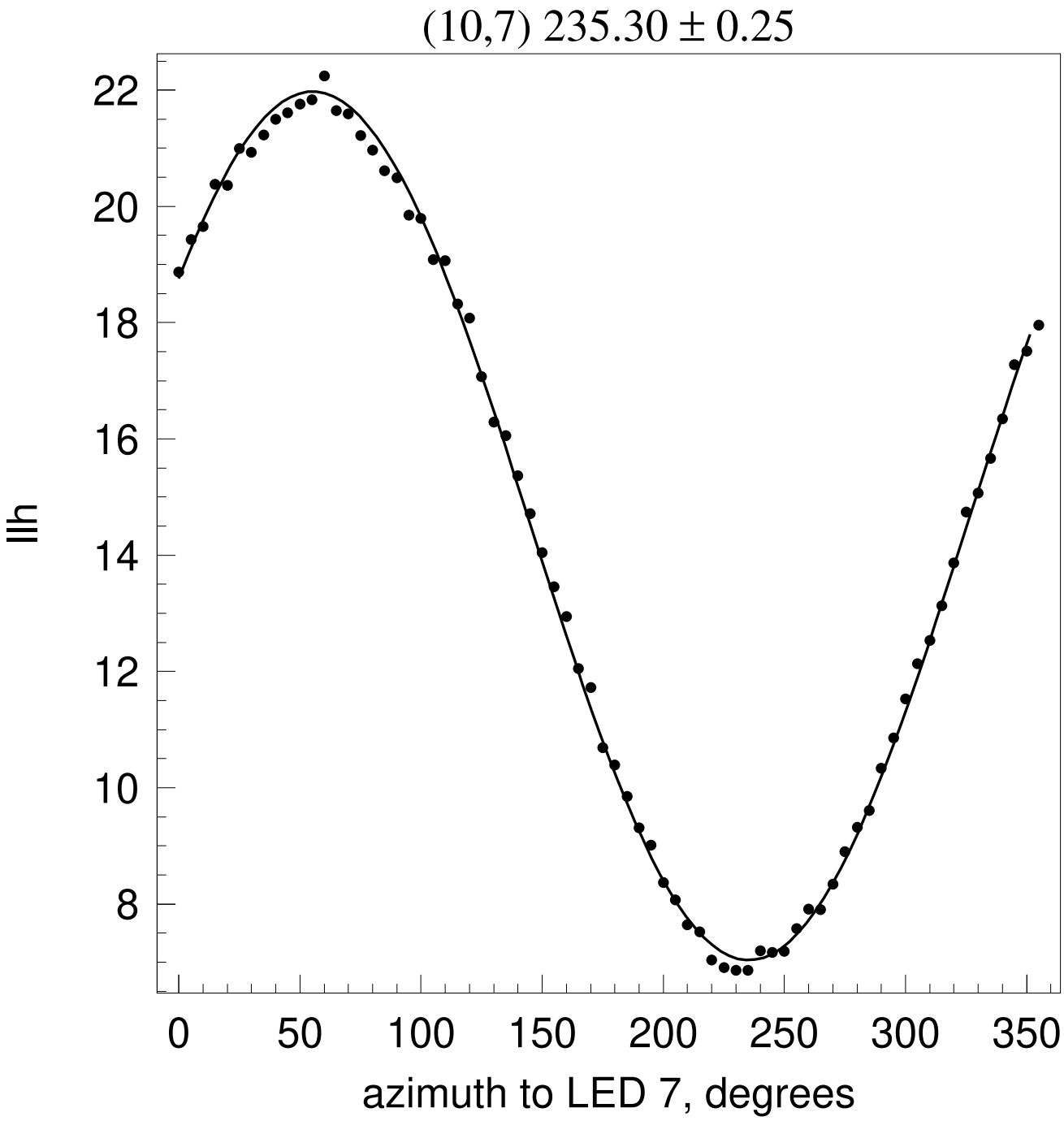

(10,2) 305.65 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

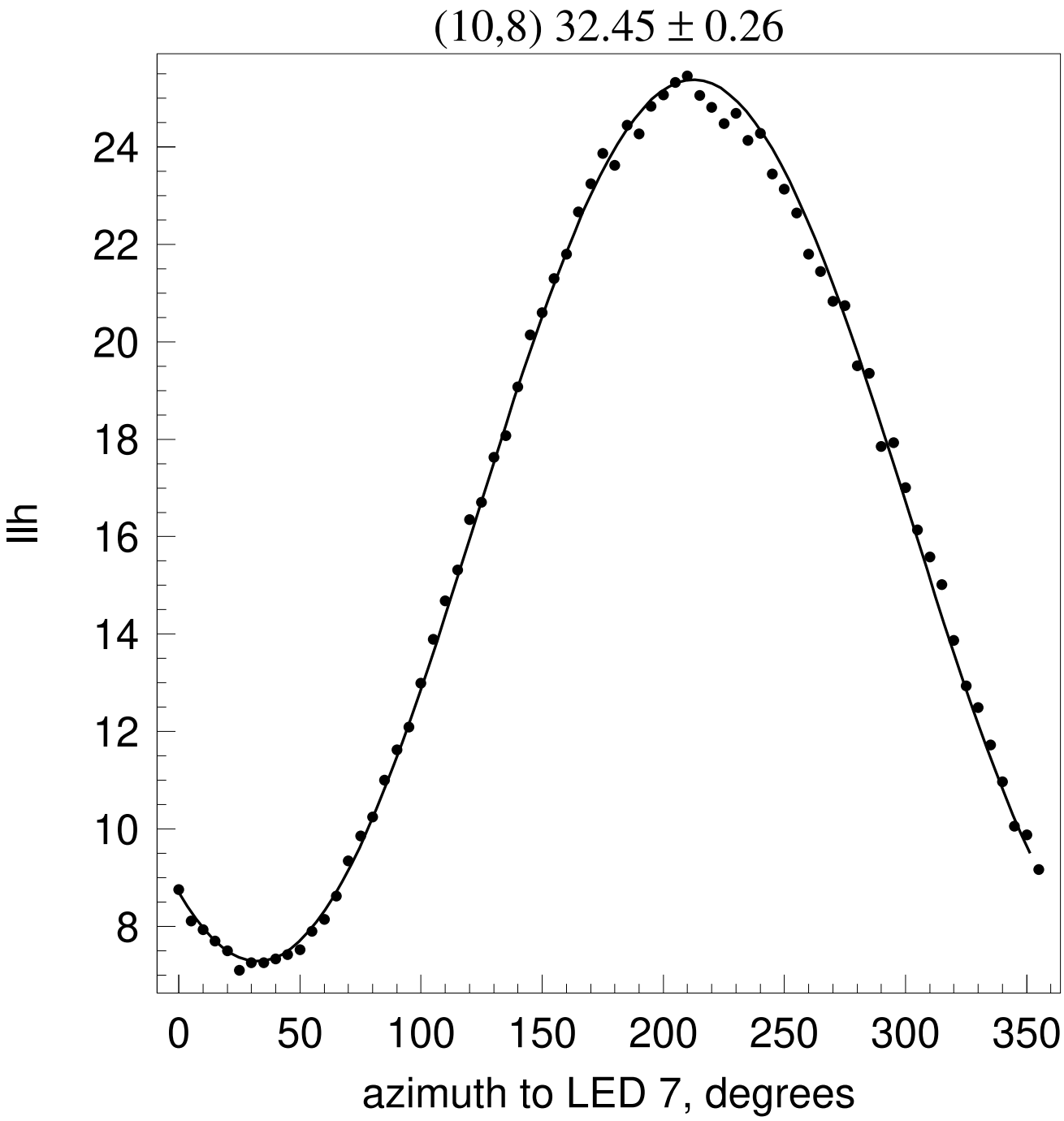

(10,3) 343.24 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

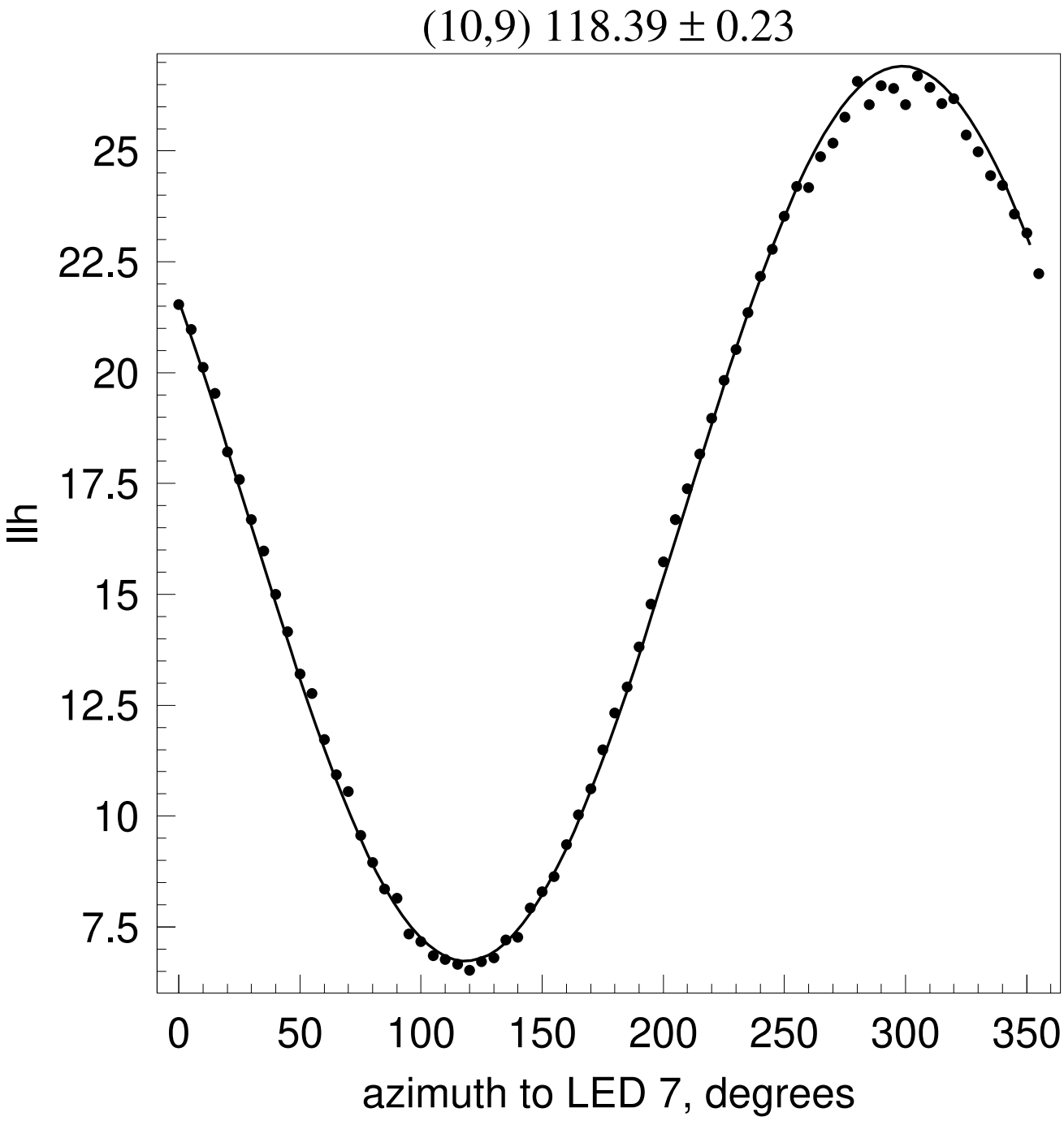

(10,4) 356.88 ± 0.39
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

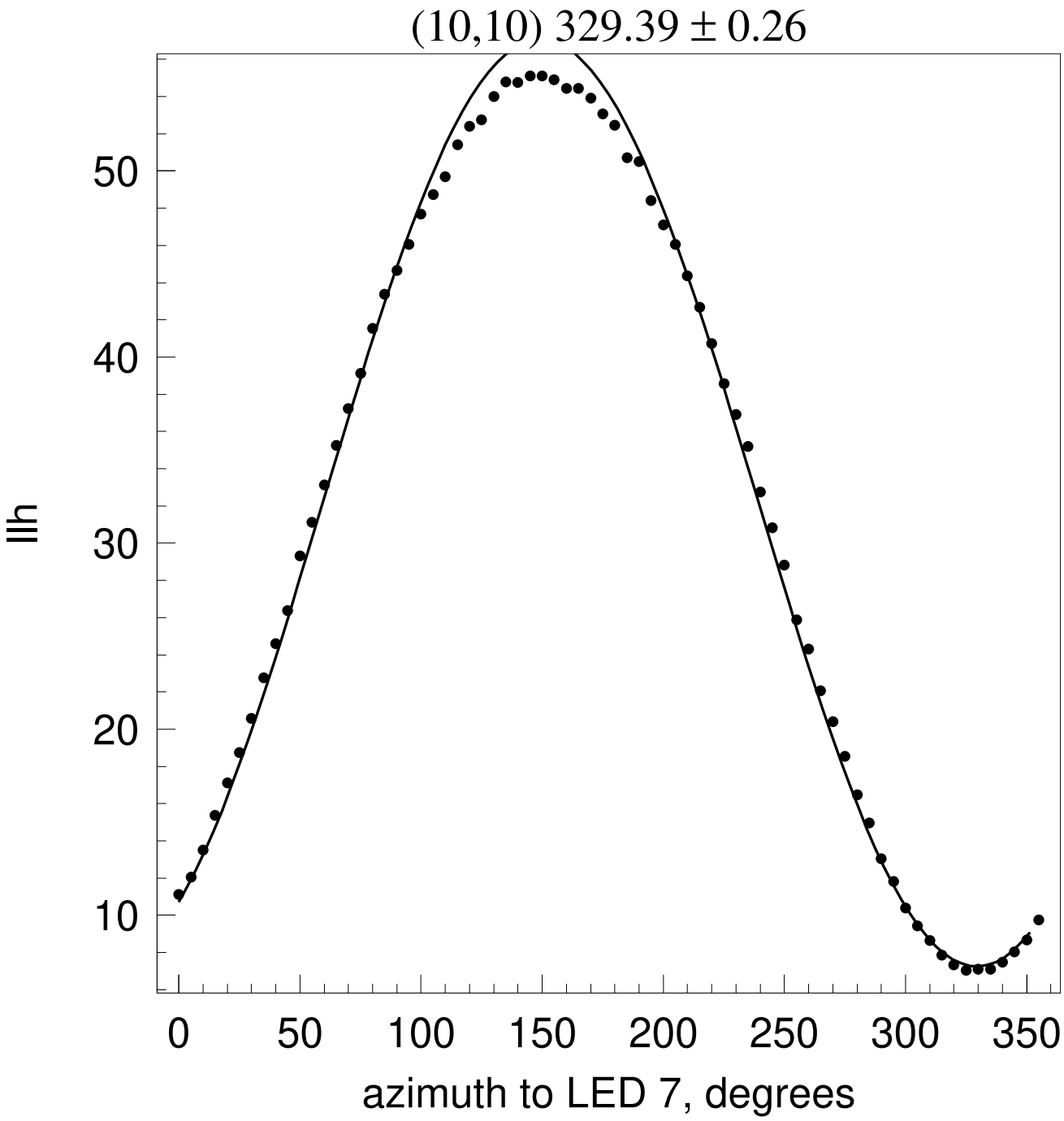

(10,5) 151.23 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

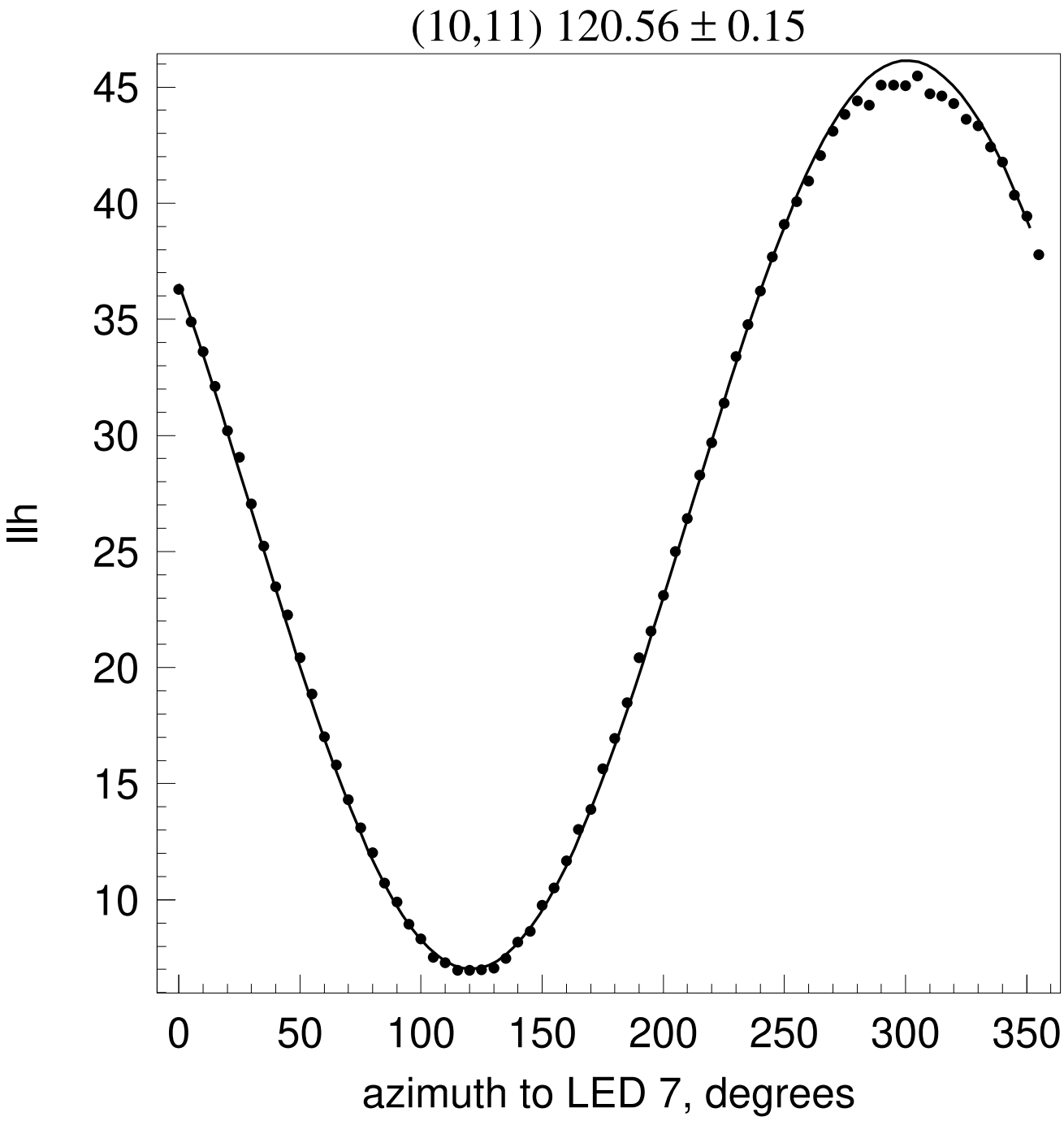

(10,6) 96.88 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

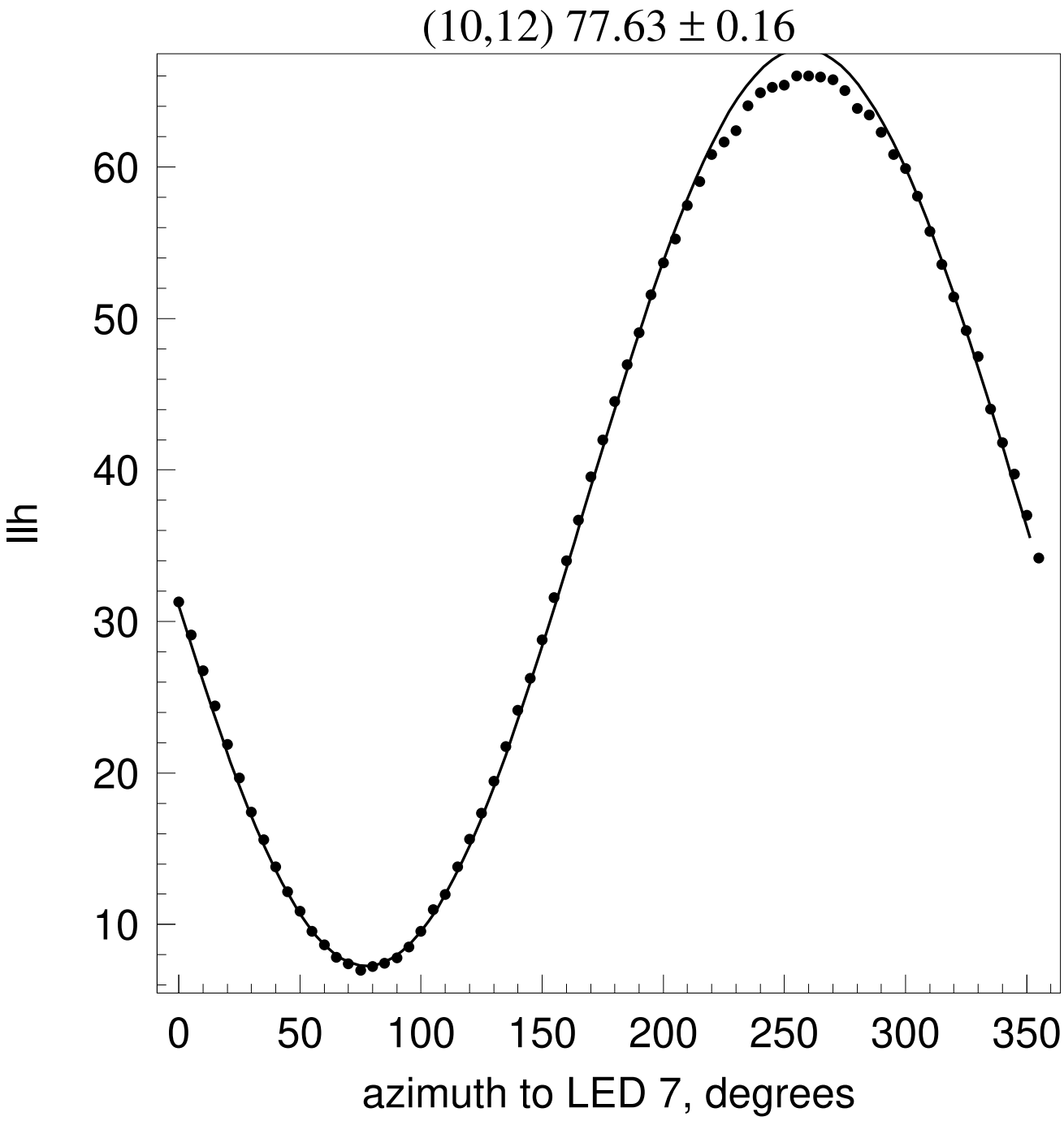

(10,7) 235.30 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

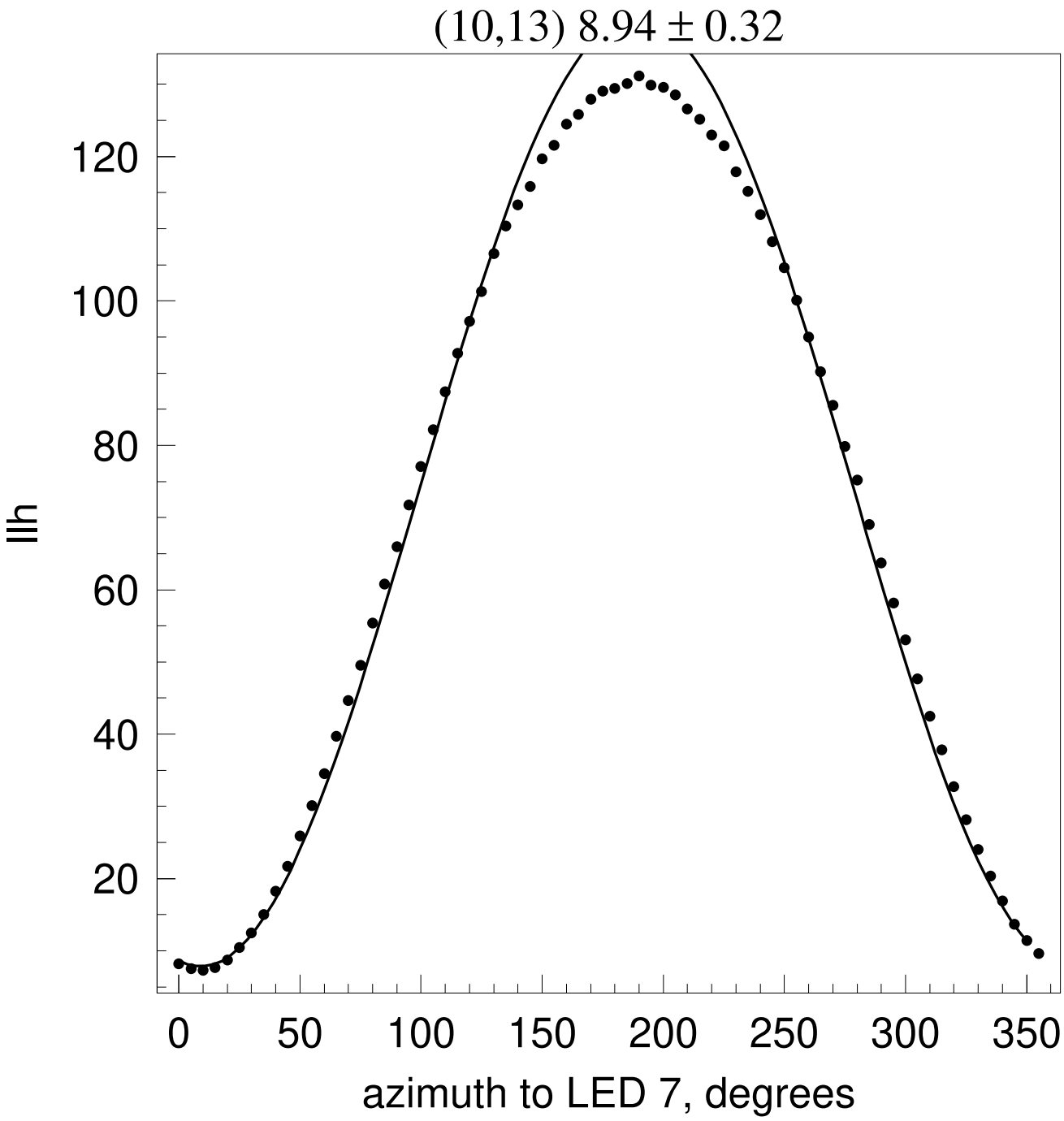

(10,8) 32.45 ± 0.26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

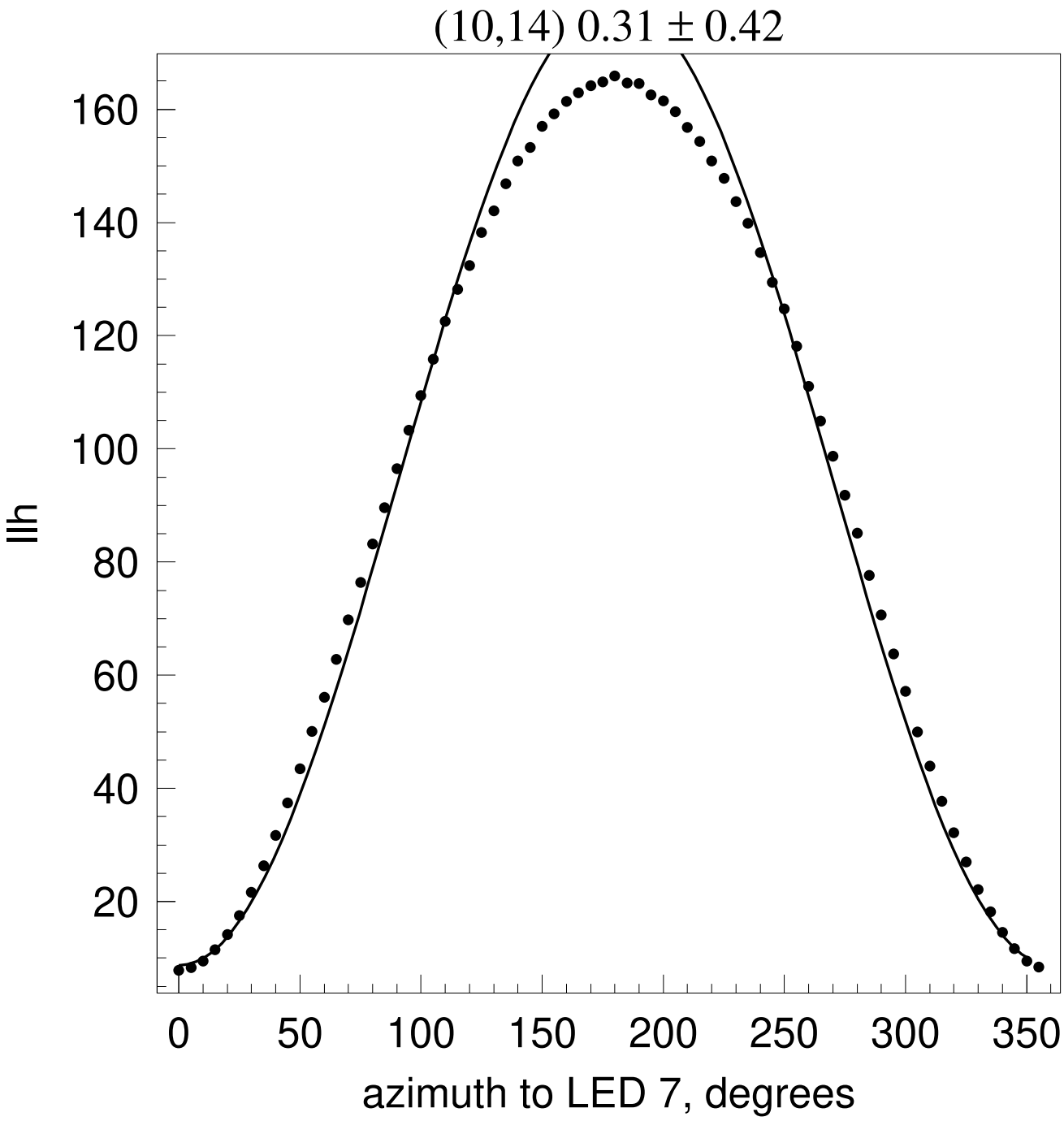

(10,9) 118.39 ± 0.23
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

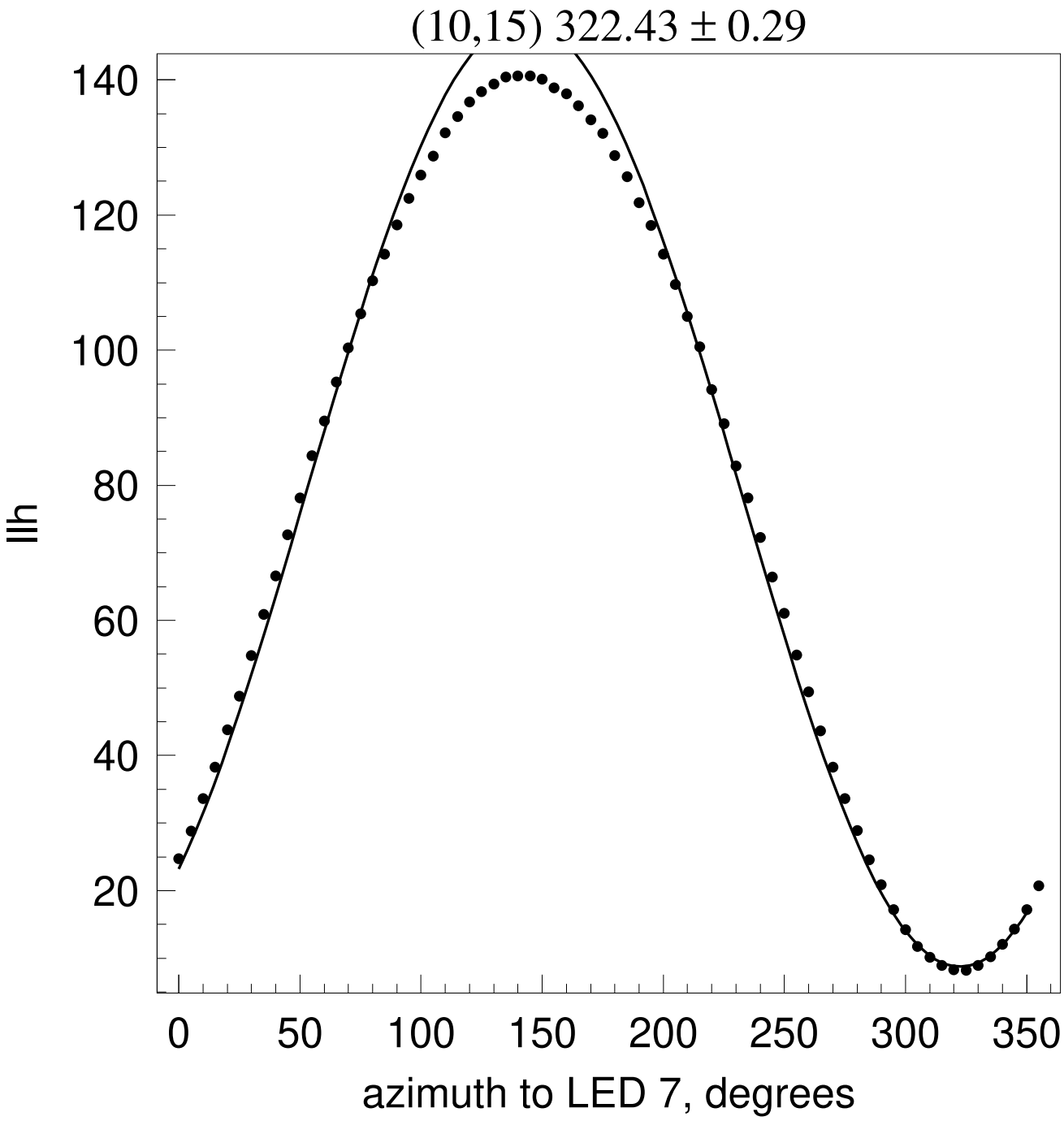

(10,10) 329.39 ± 0.26
50
40
30
20
10
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

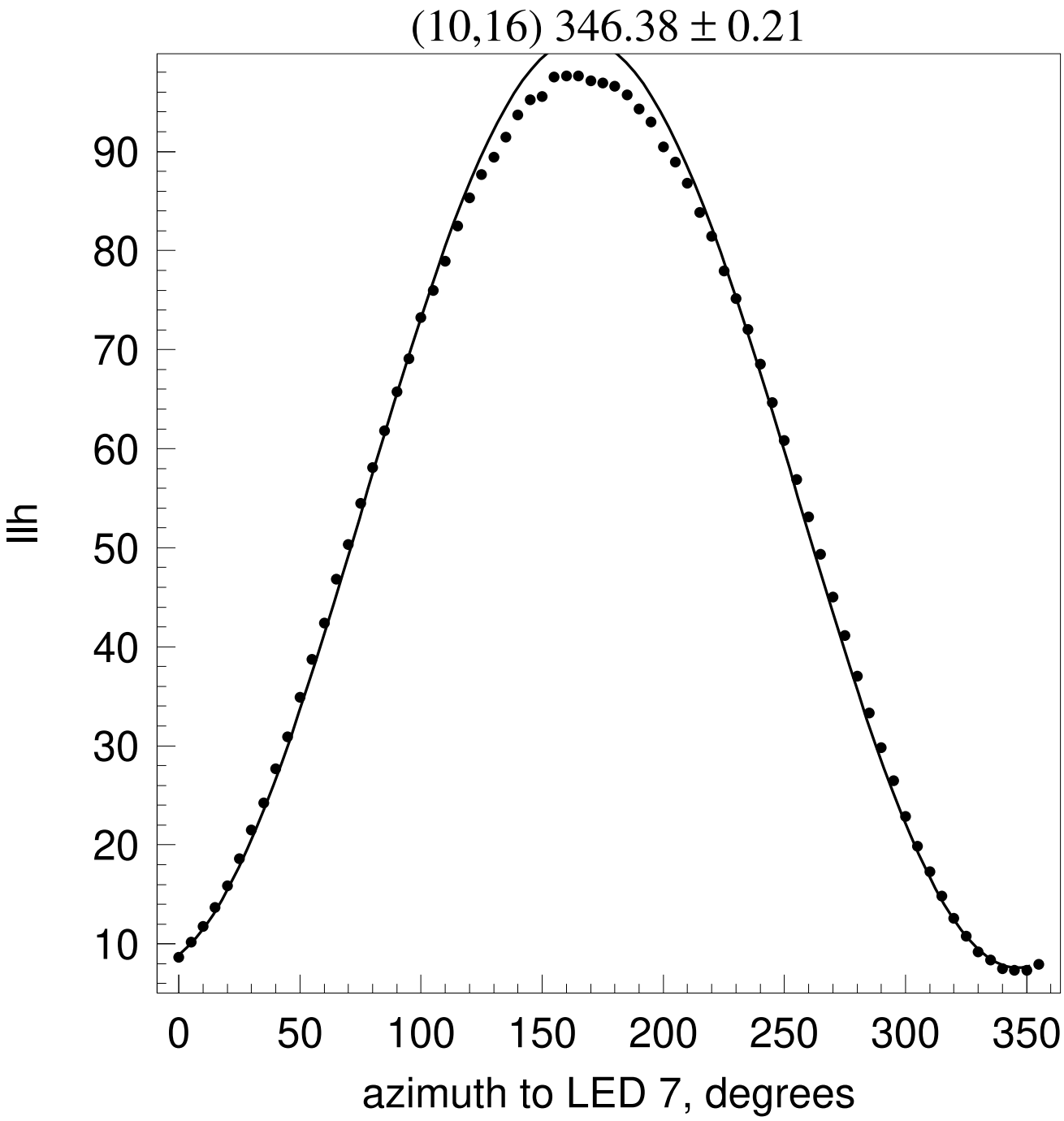

(10,11) 120.56 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

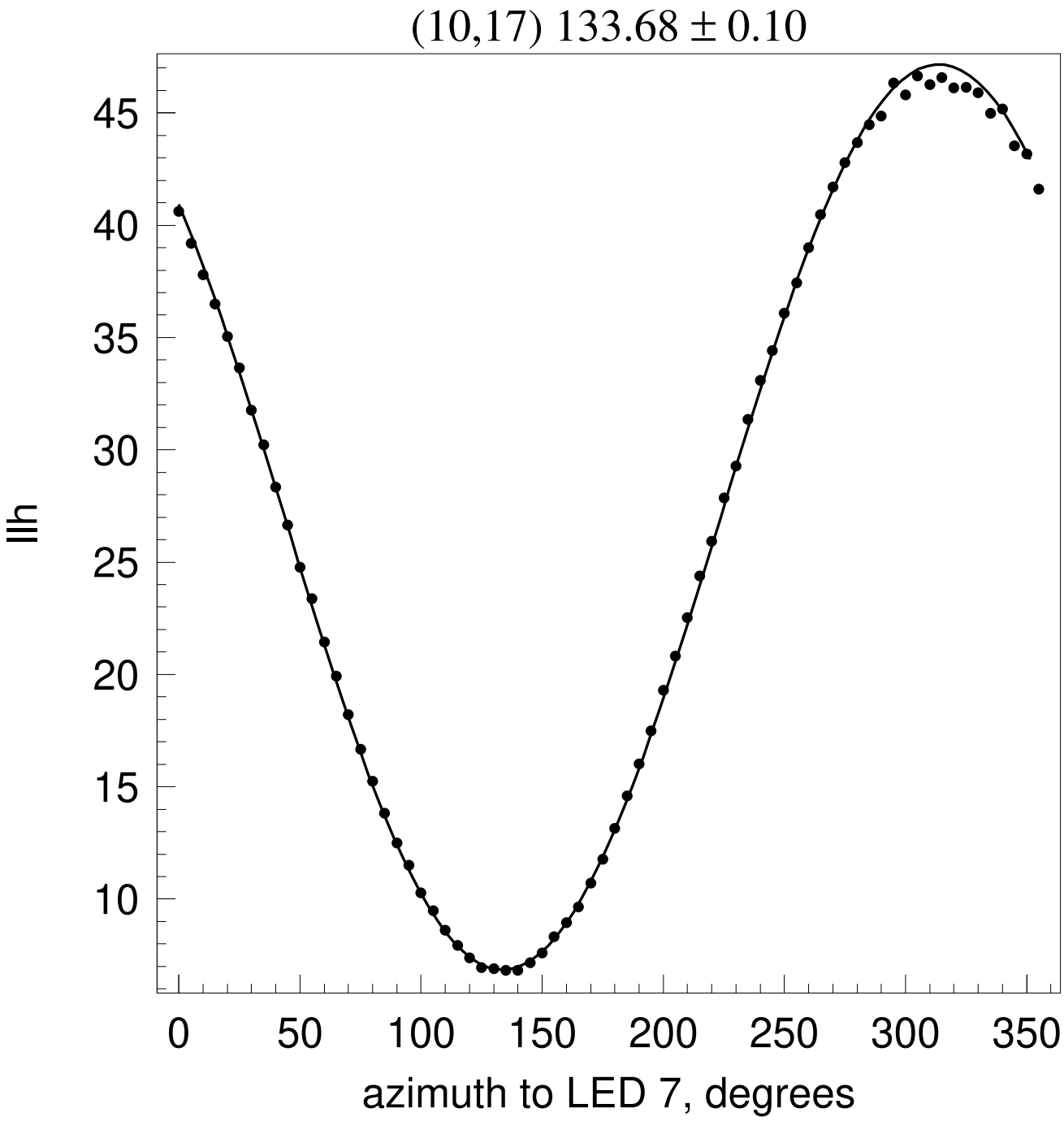

(10,12) 77.63 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

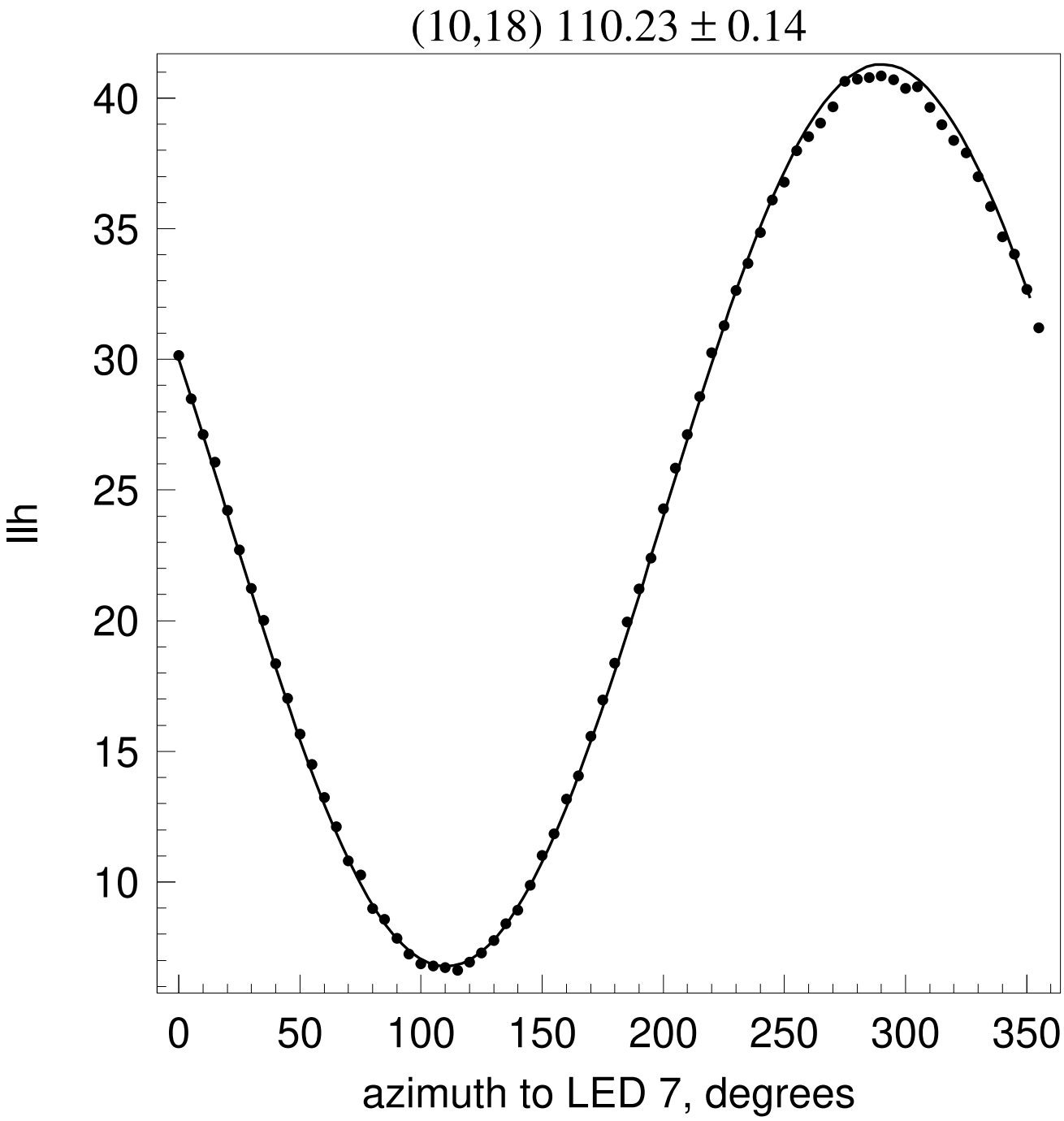

(10,13) 8.94 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

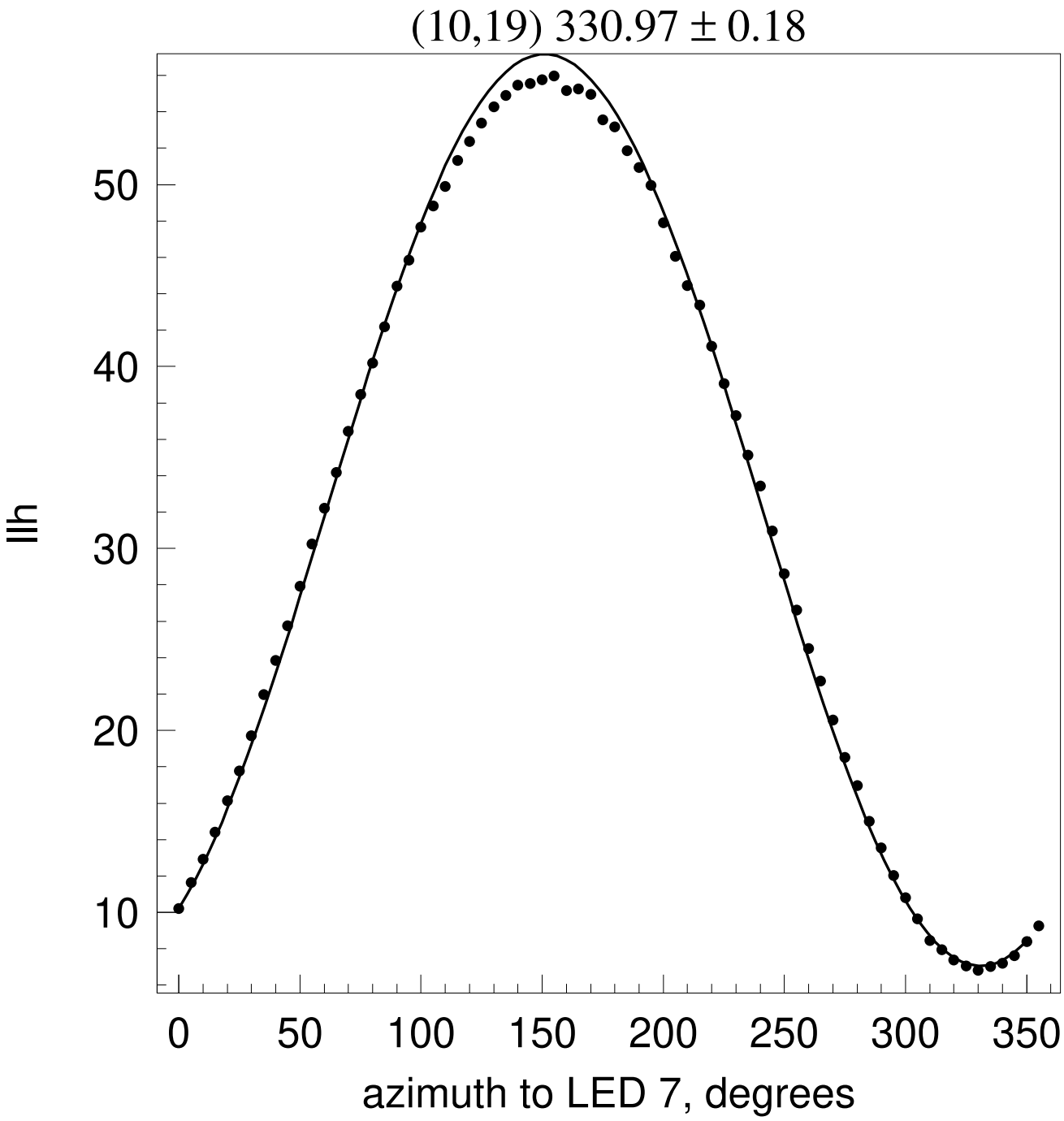

(10,14) 0.31 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

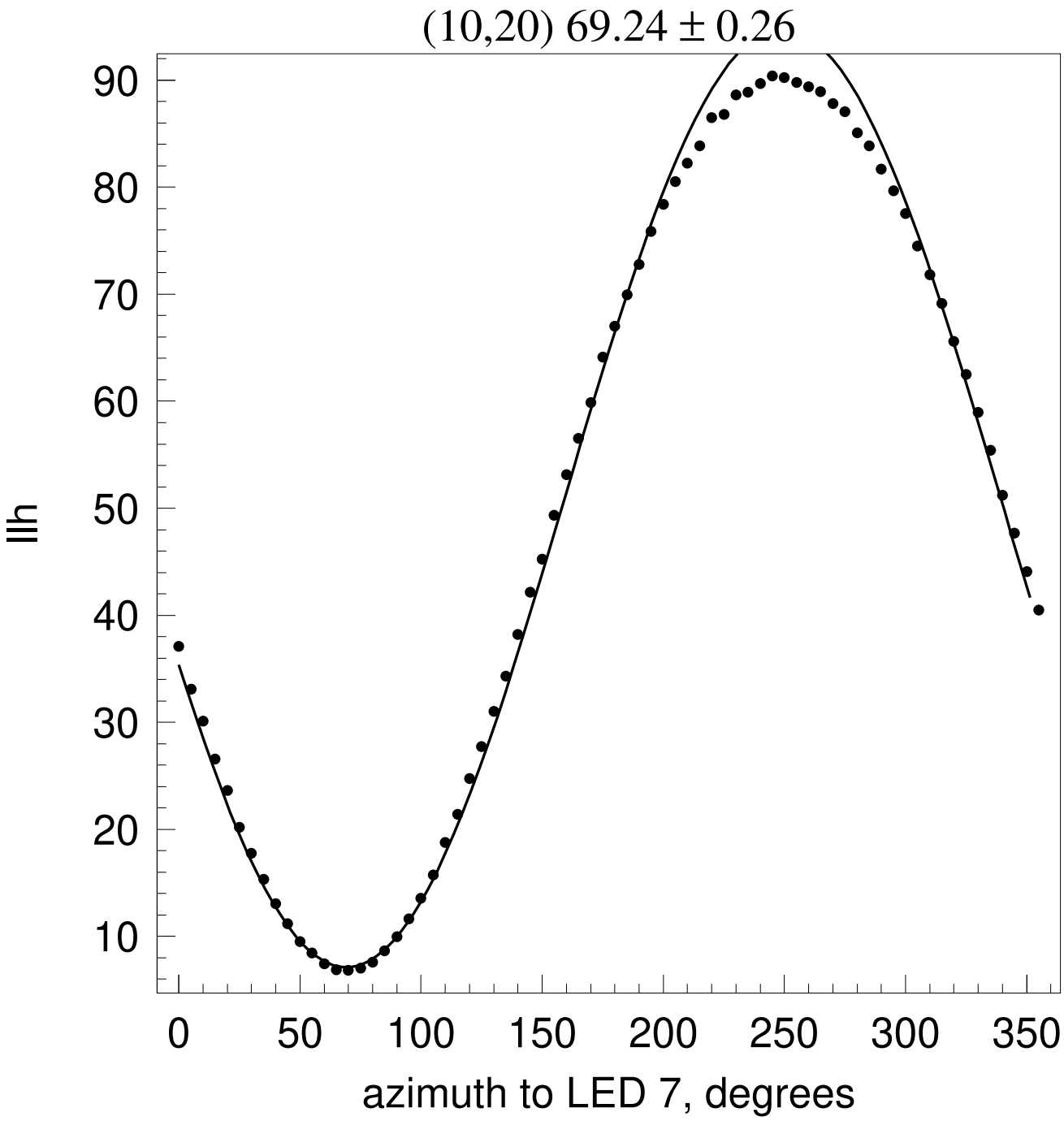

(10,15) 322.43 ± 0.29
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

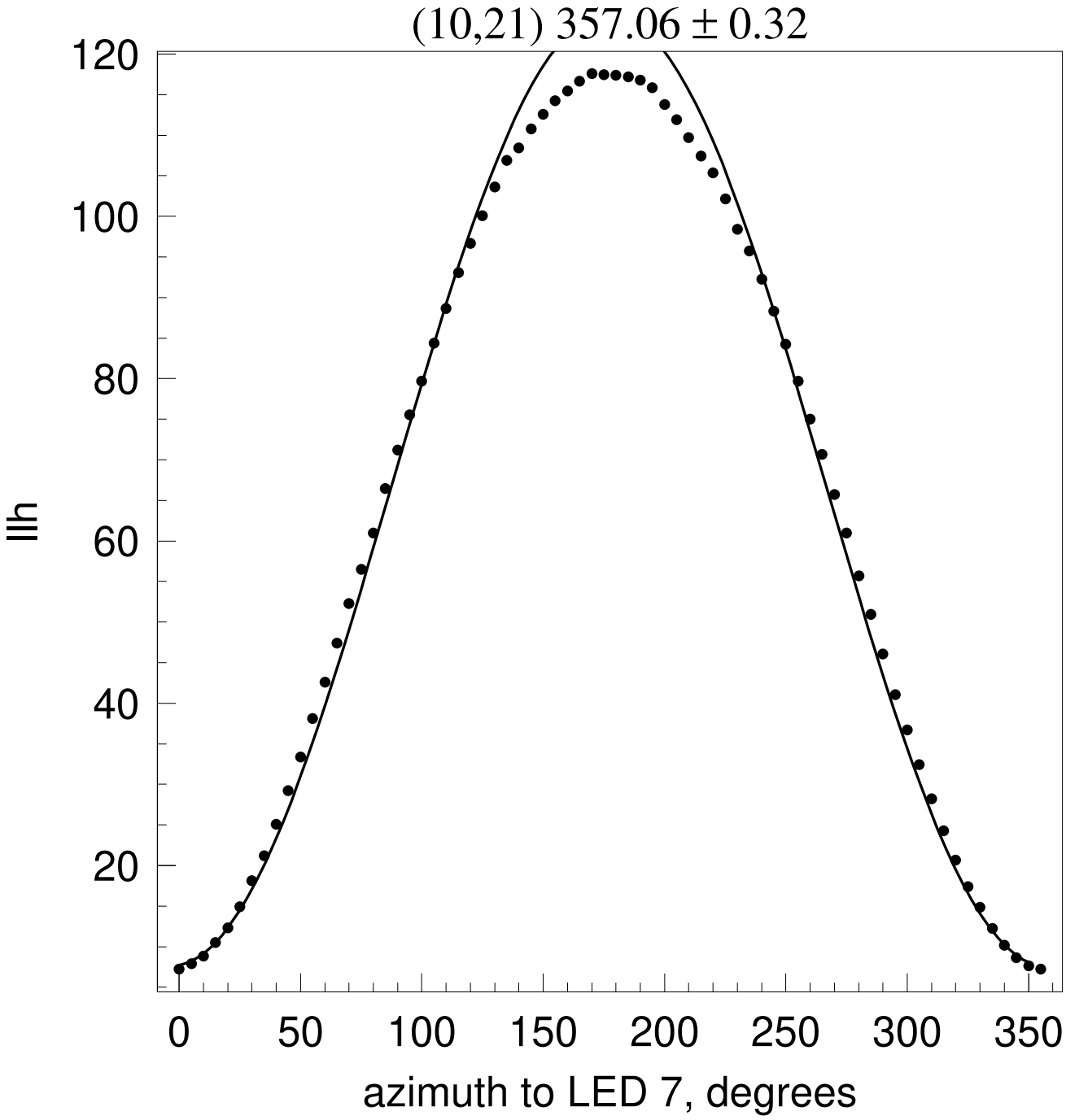

(10,16) 346.38 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

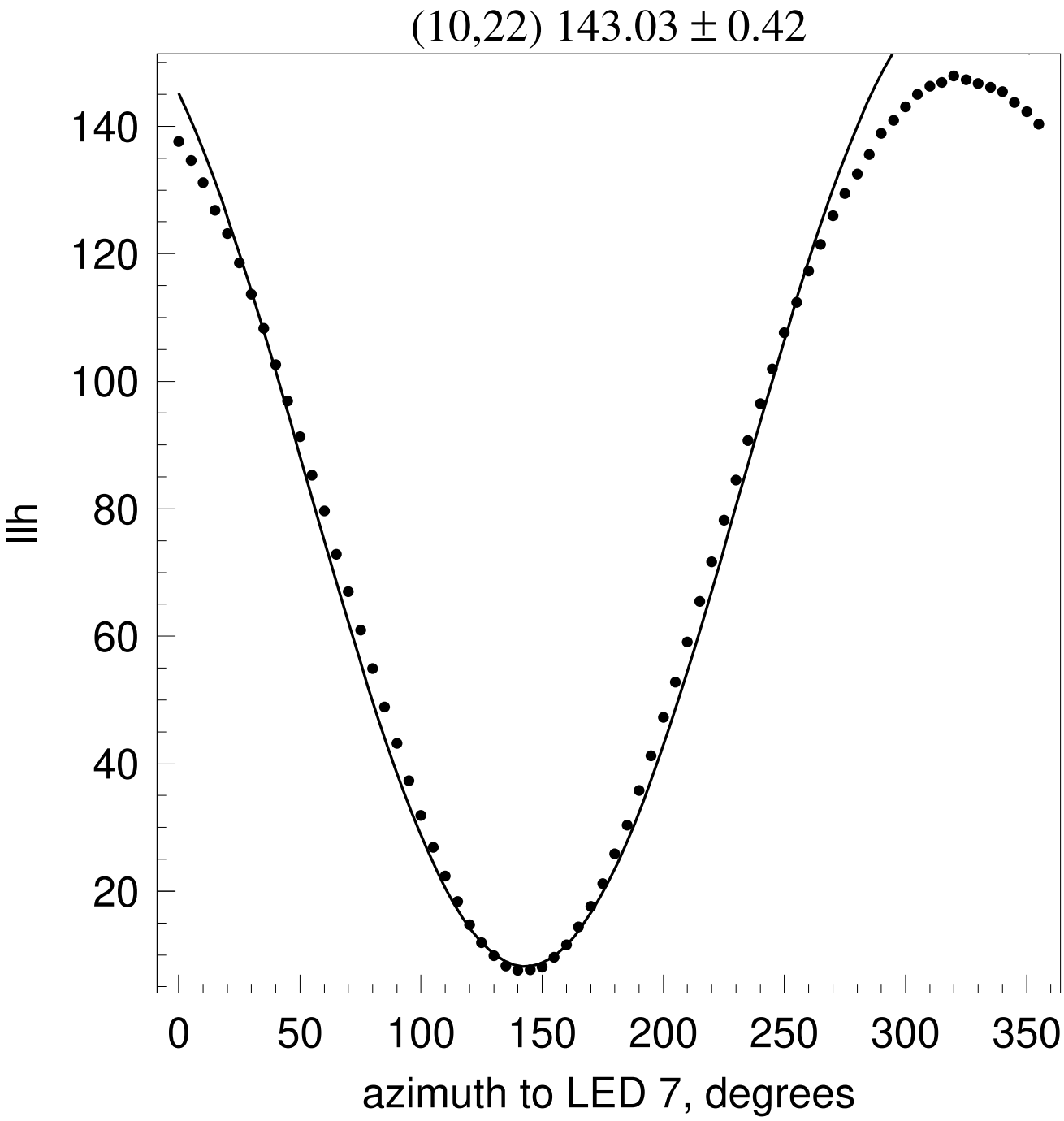

(10,17) 133.68 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

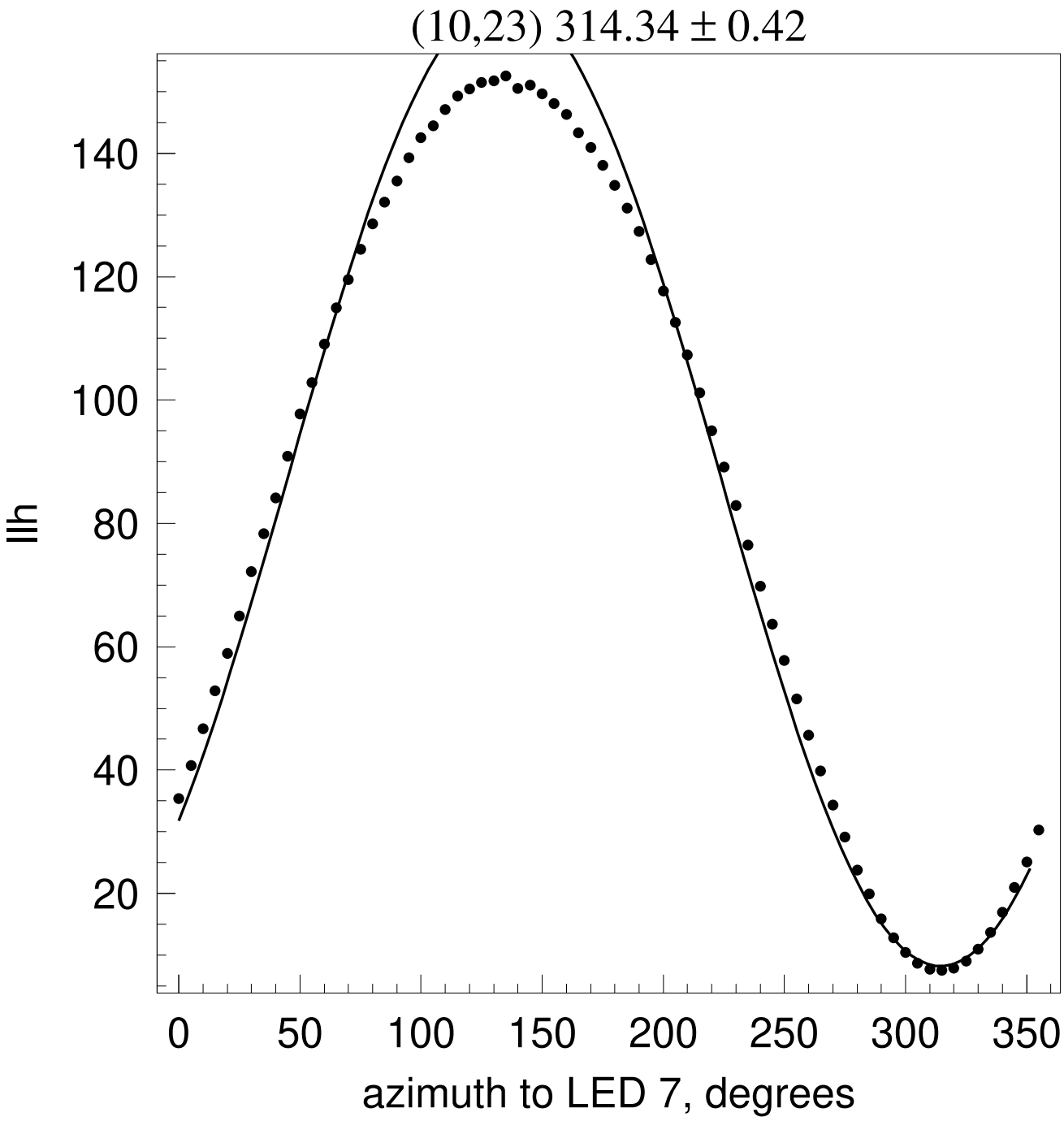

(10,18) 110.23 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

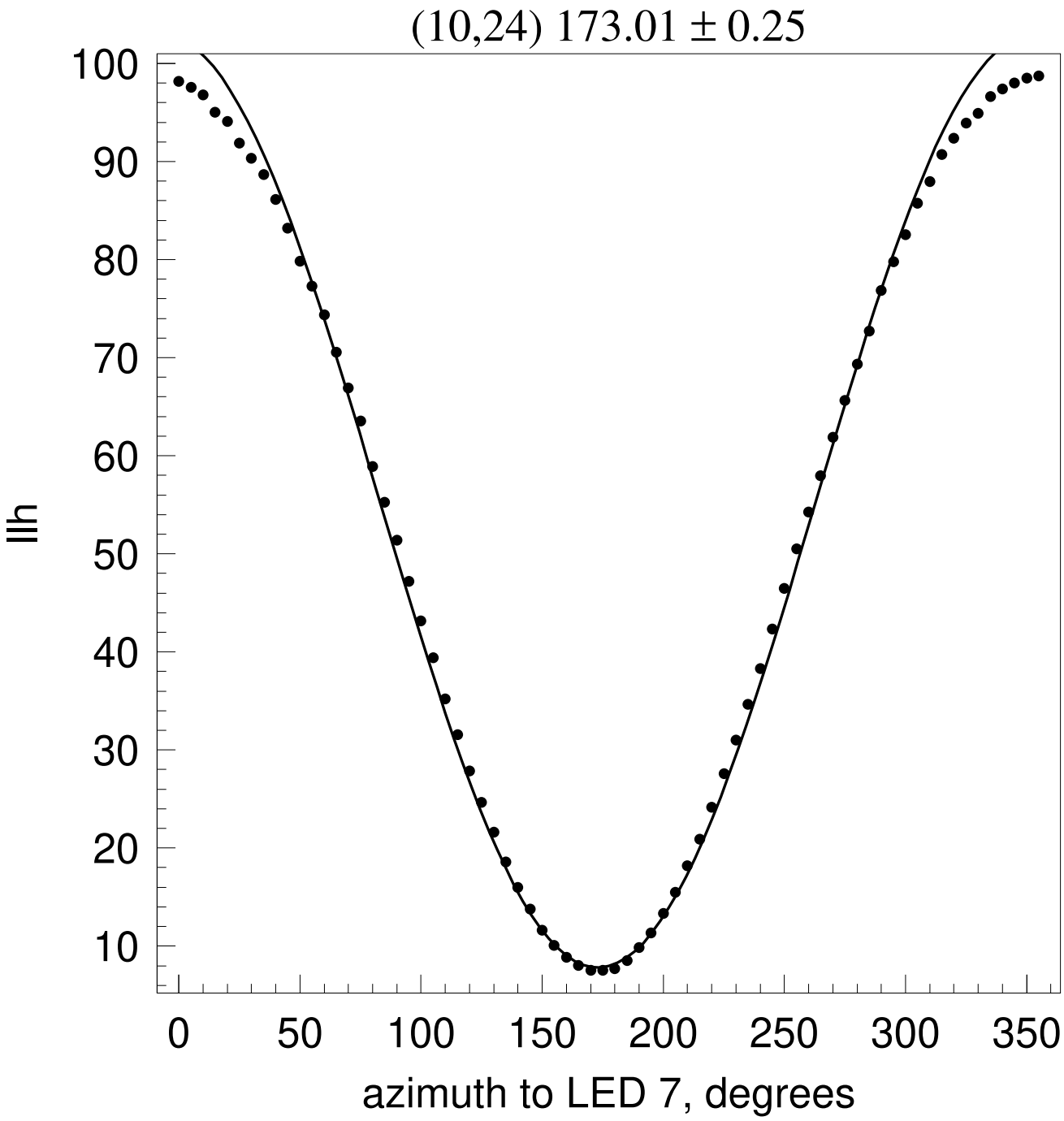

(10,19) 330.97 ± 0.18
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

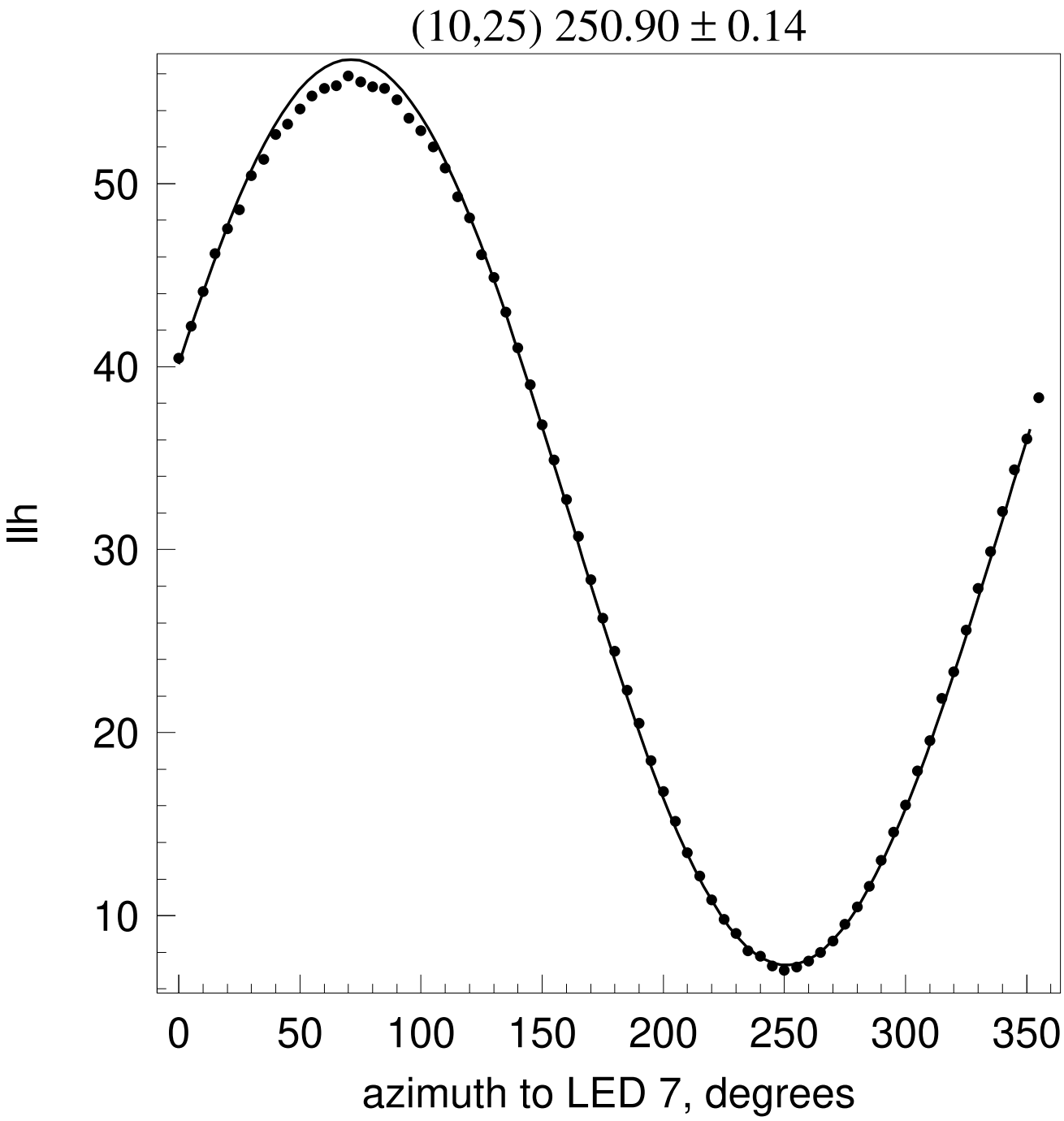

(10,20) 69.24 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

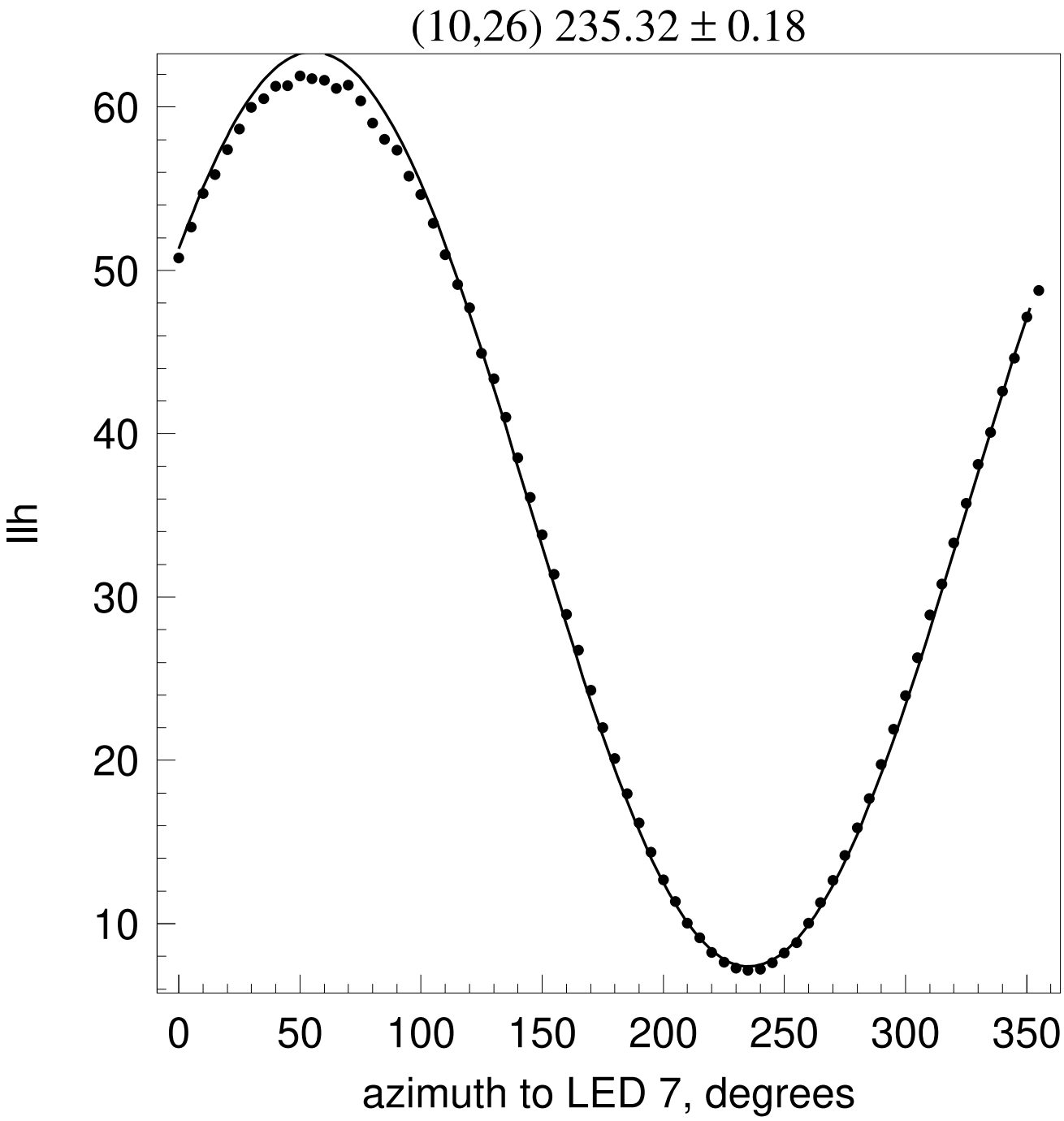

(10,21) 357.06 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

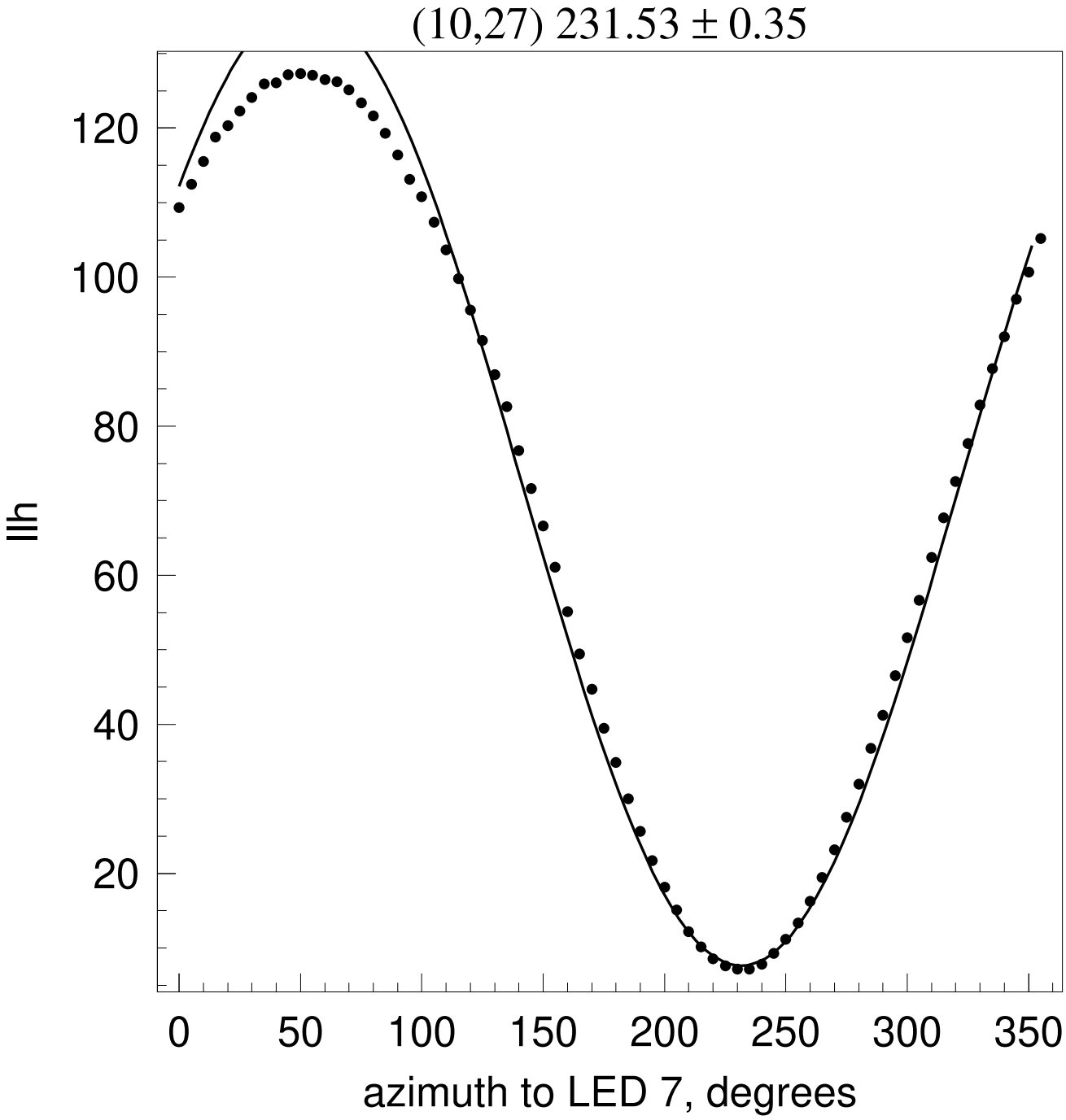

(10,22) 143.03 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

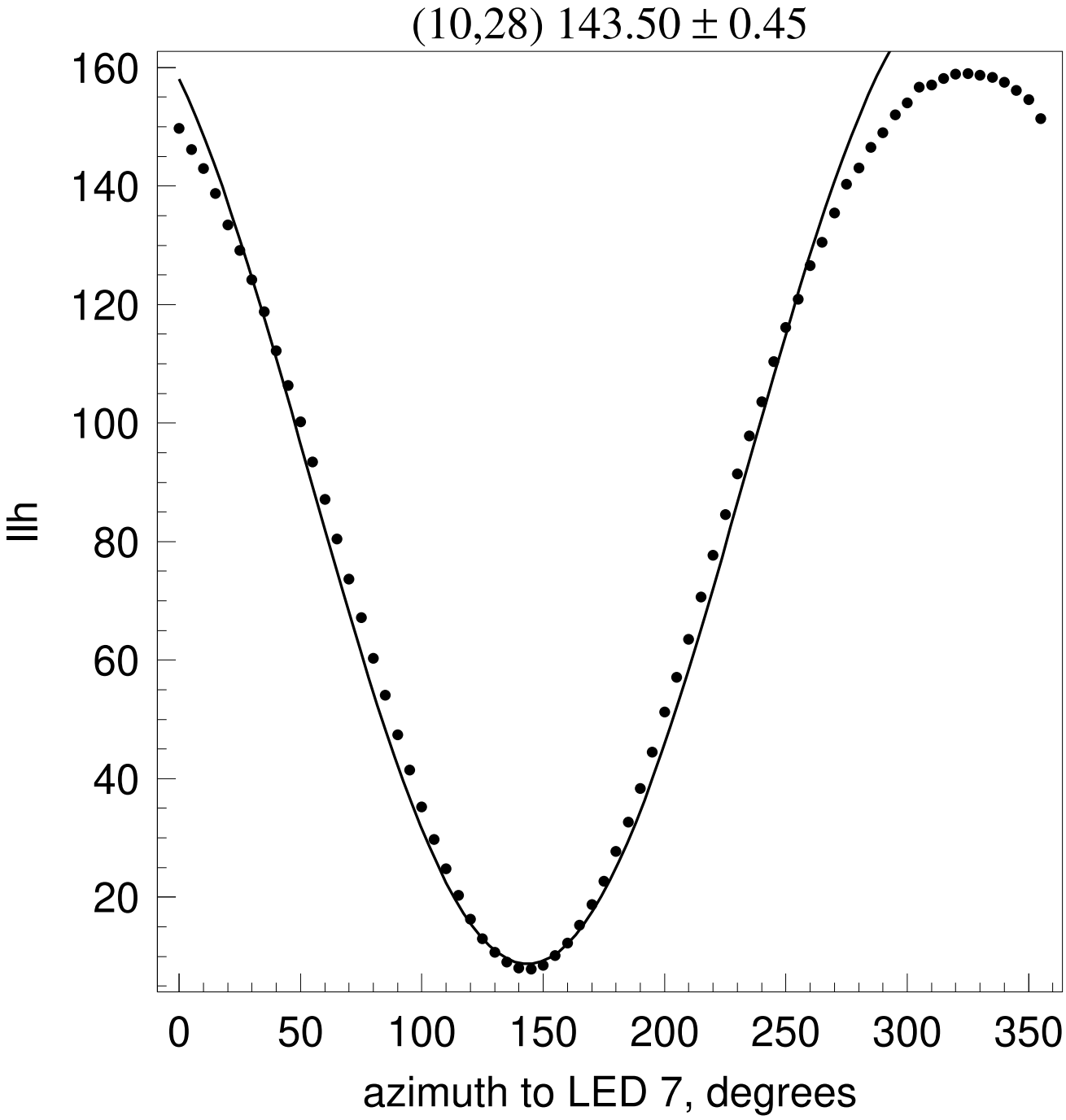

(10,23) 314.34 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

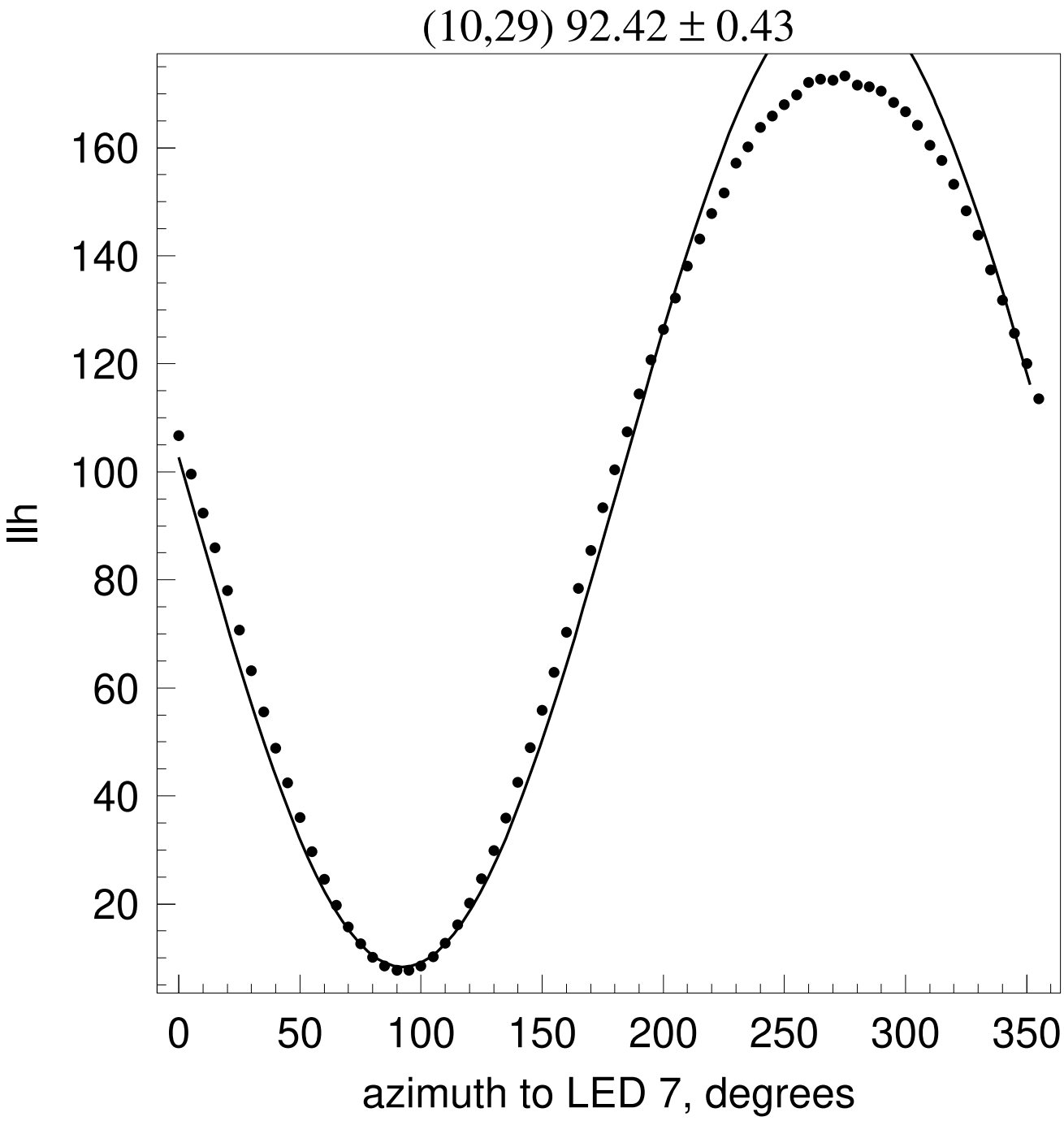

(10,24) 173.01 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

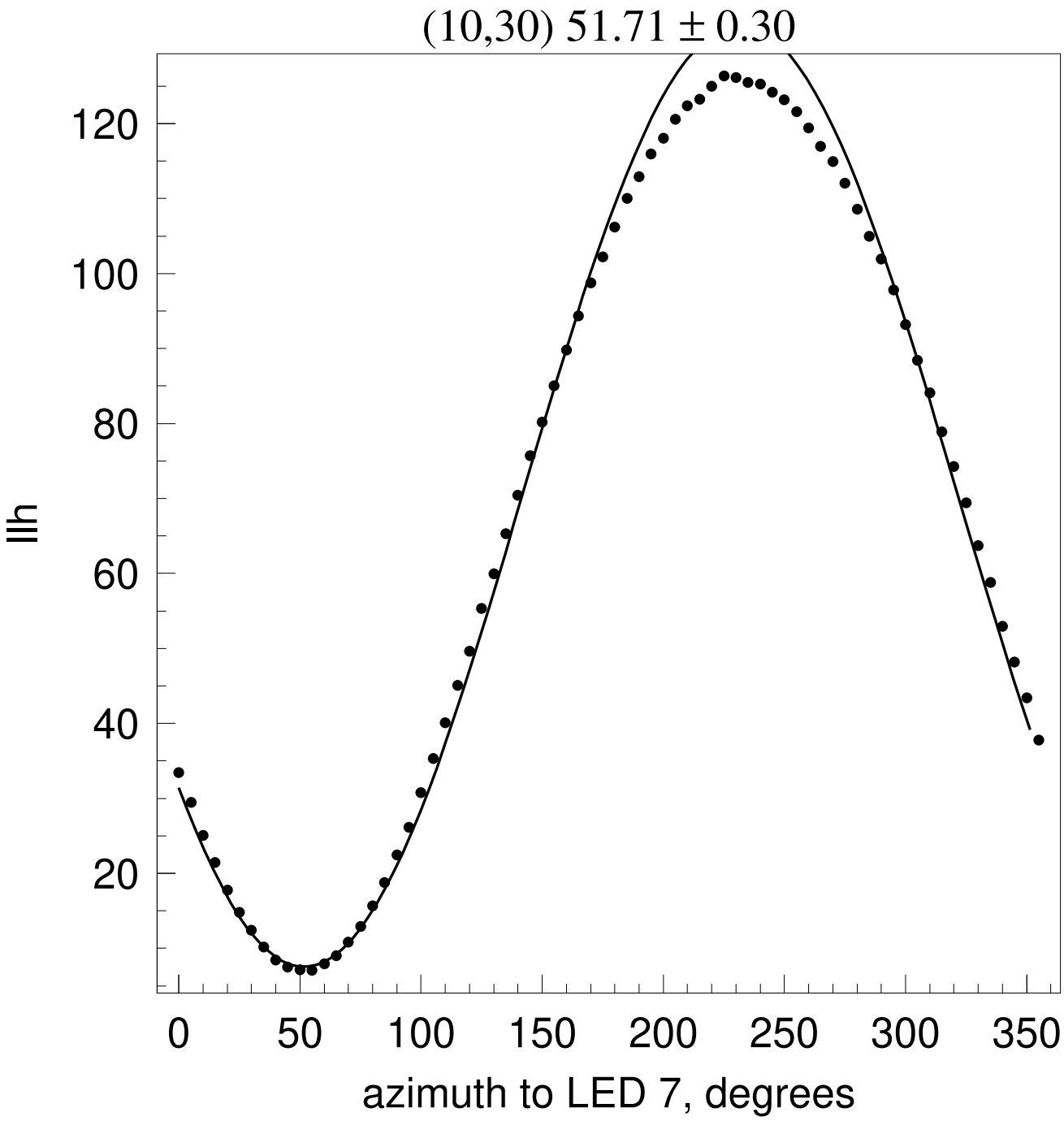

(10,25) 250.90 ± 0.14
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

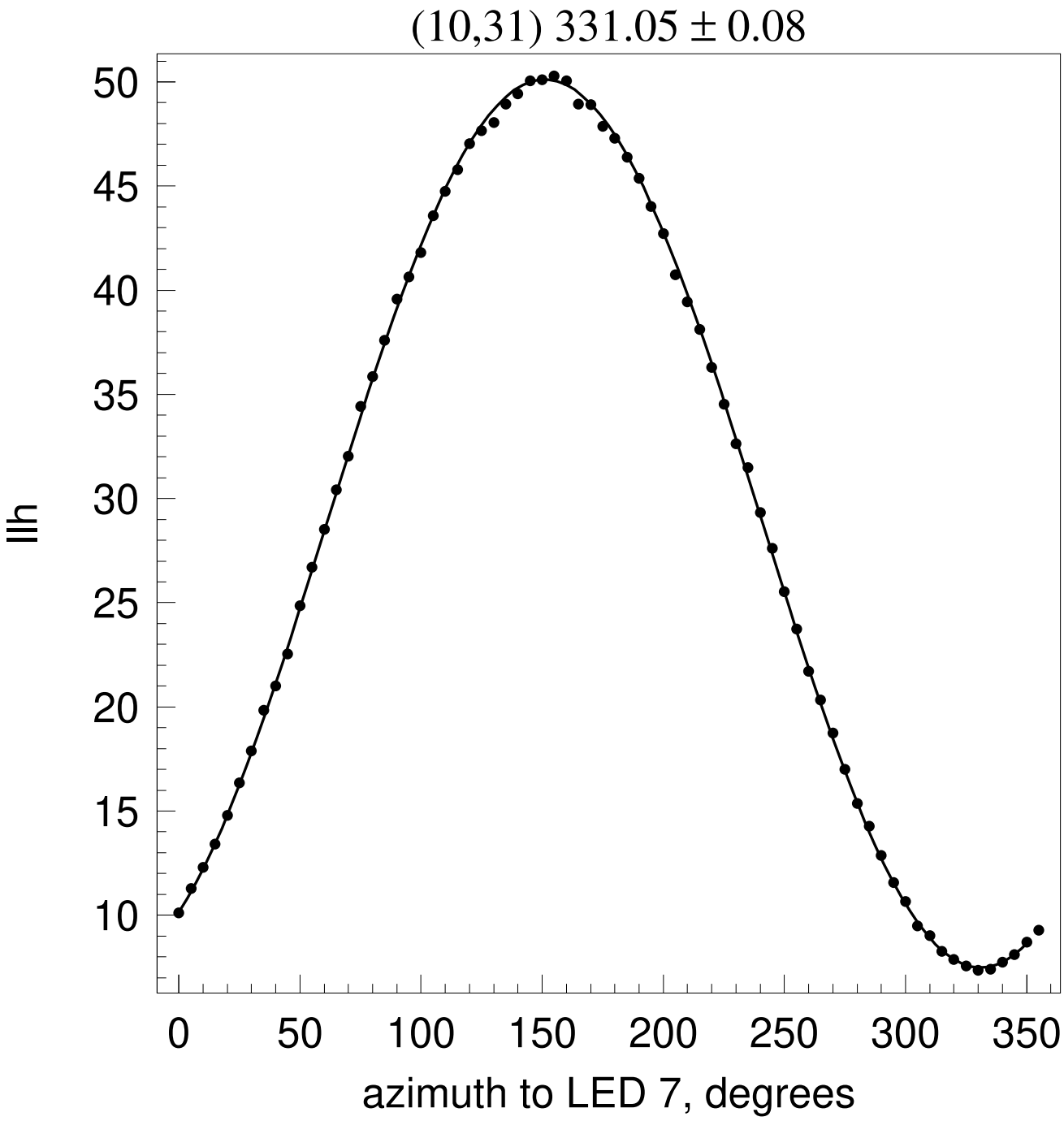

(10,26) 235.32 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

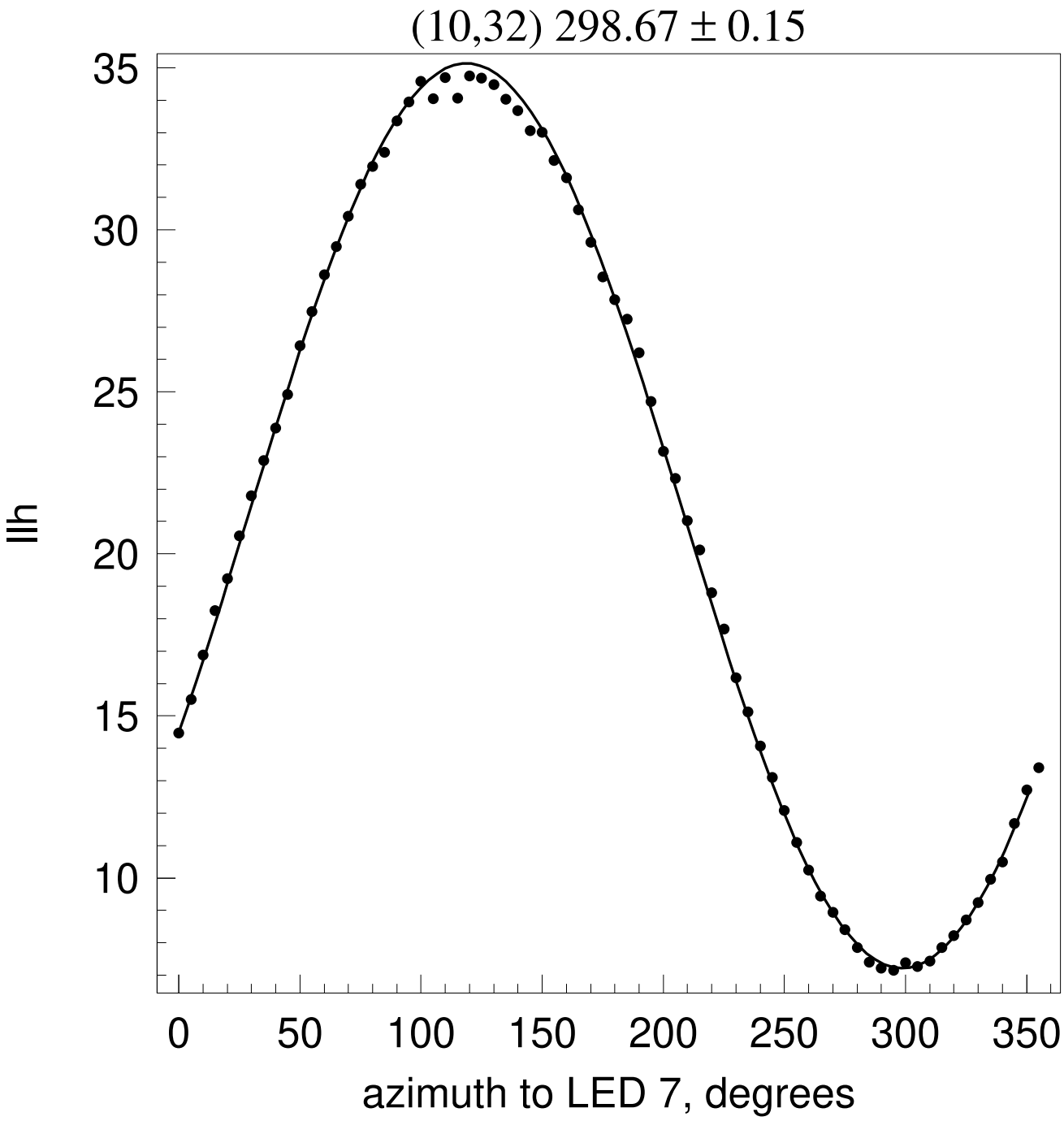

(10,27) 231.53 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

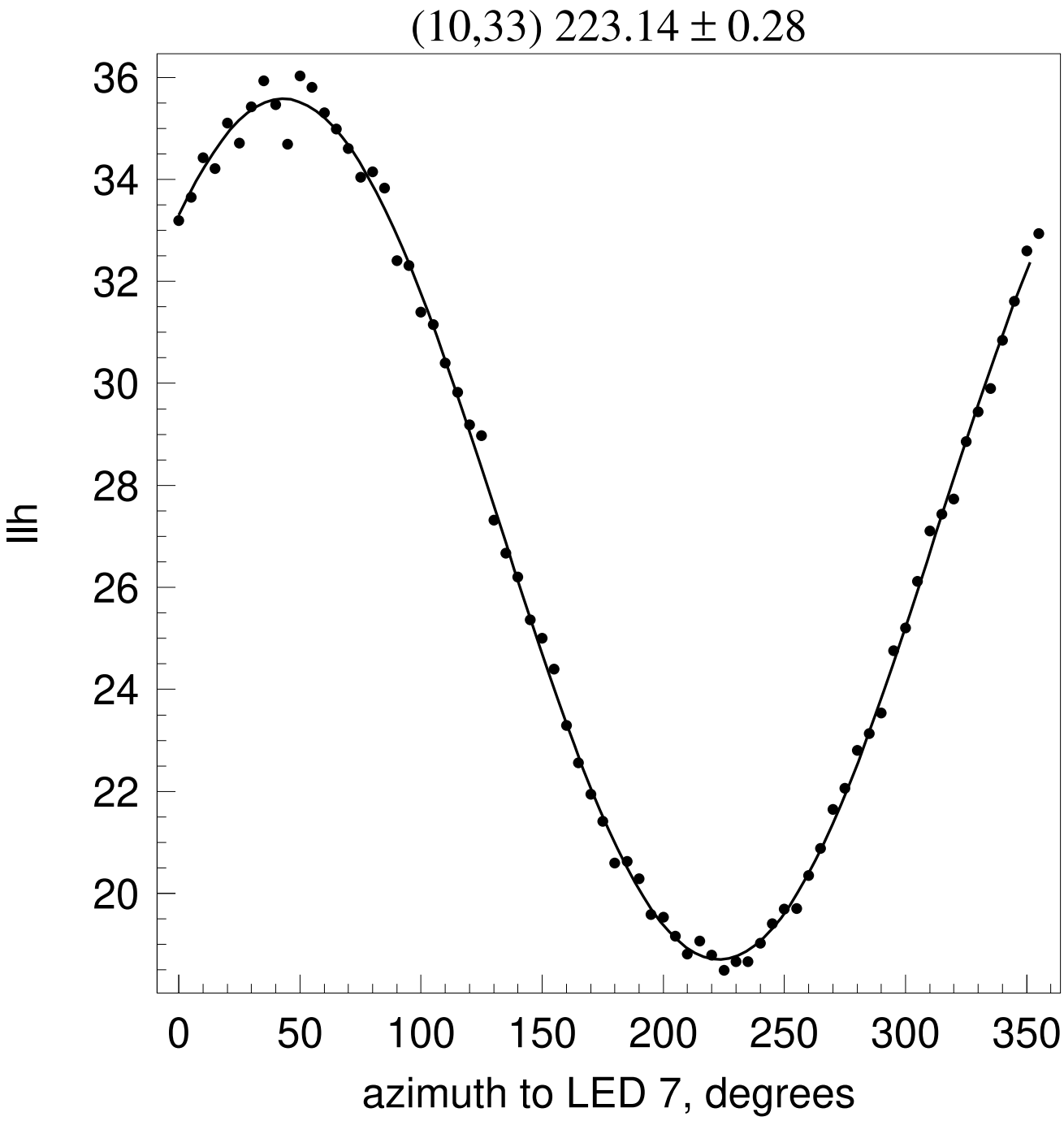

(10,28) 143.50 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

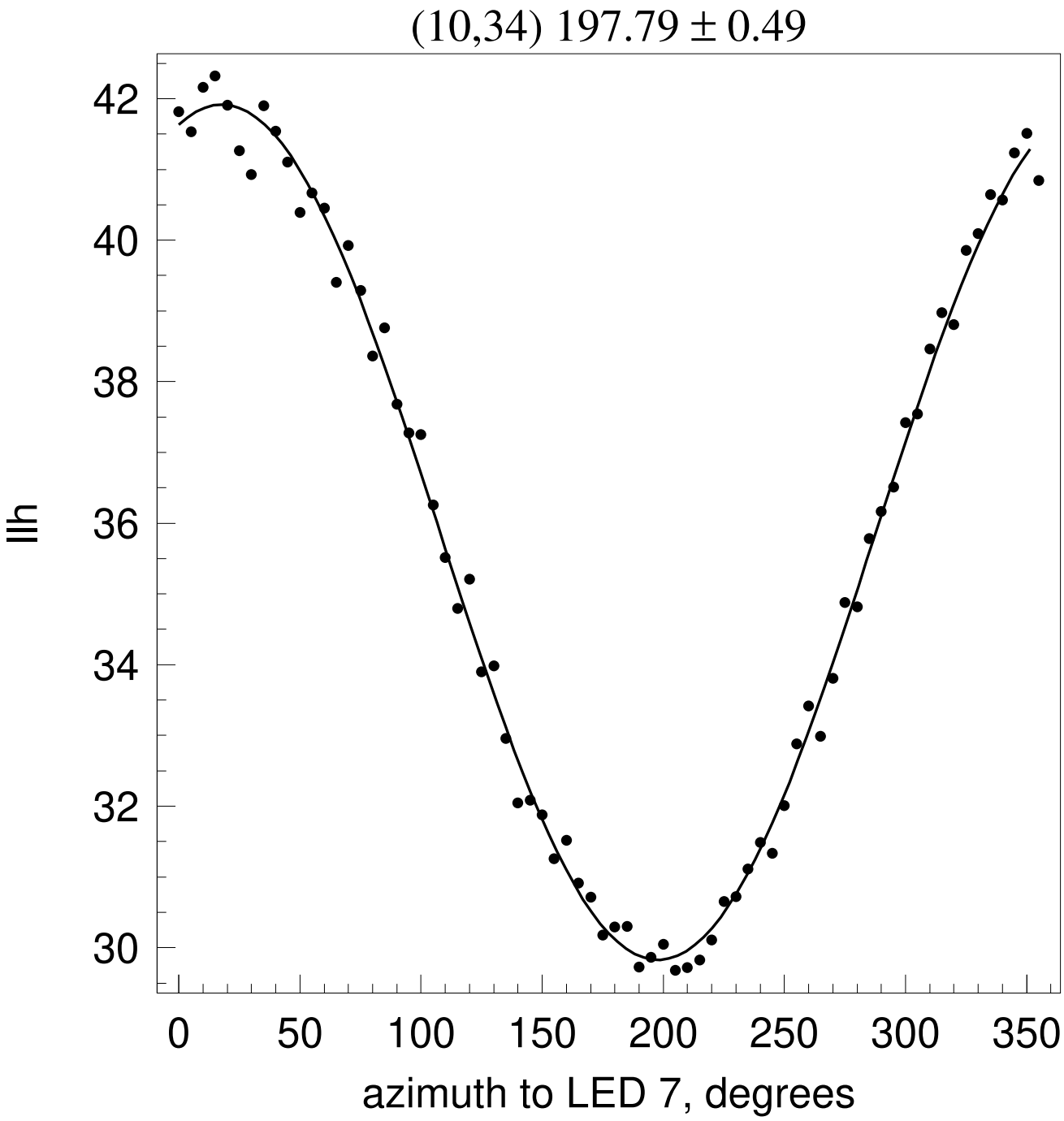

(10,29) 92.42 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

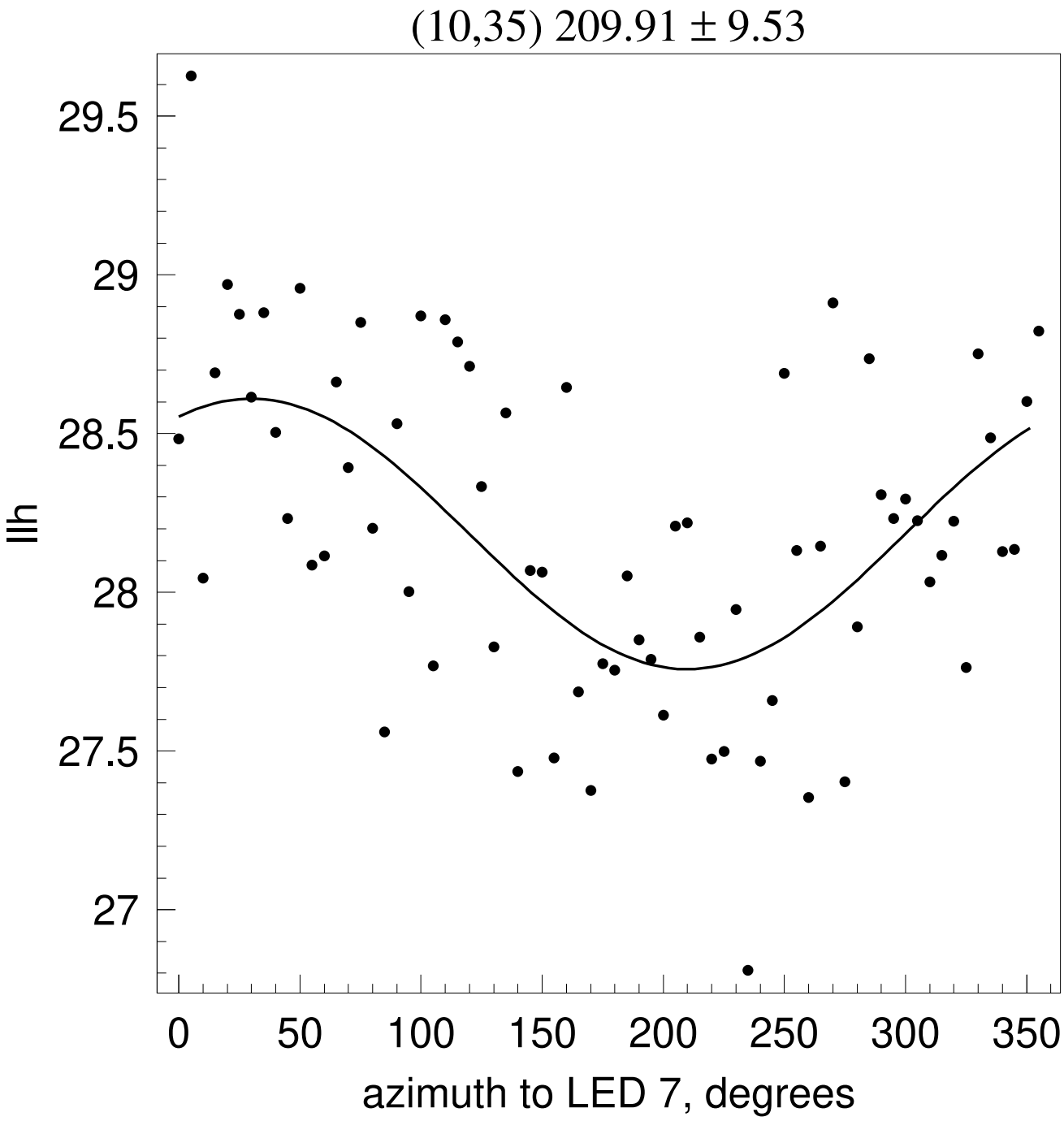

(10,30) 51.71 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

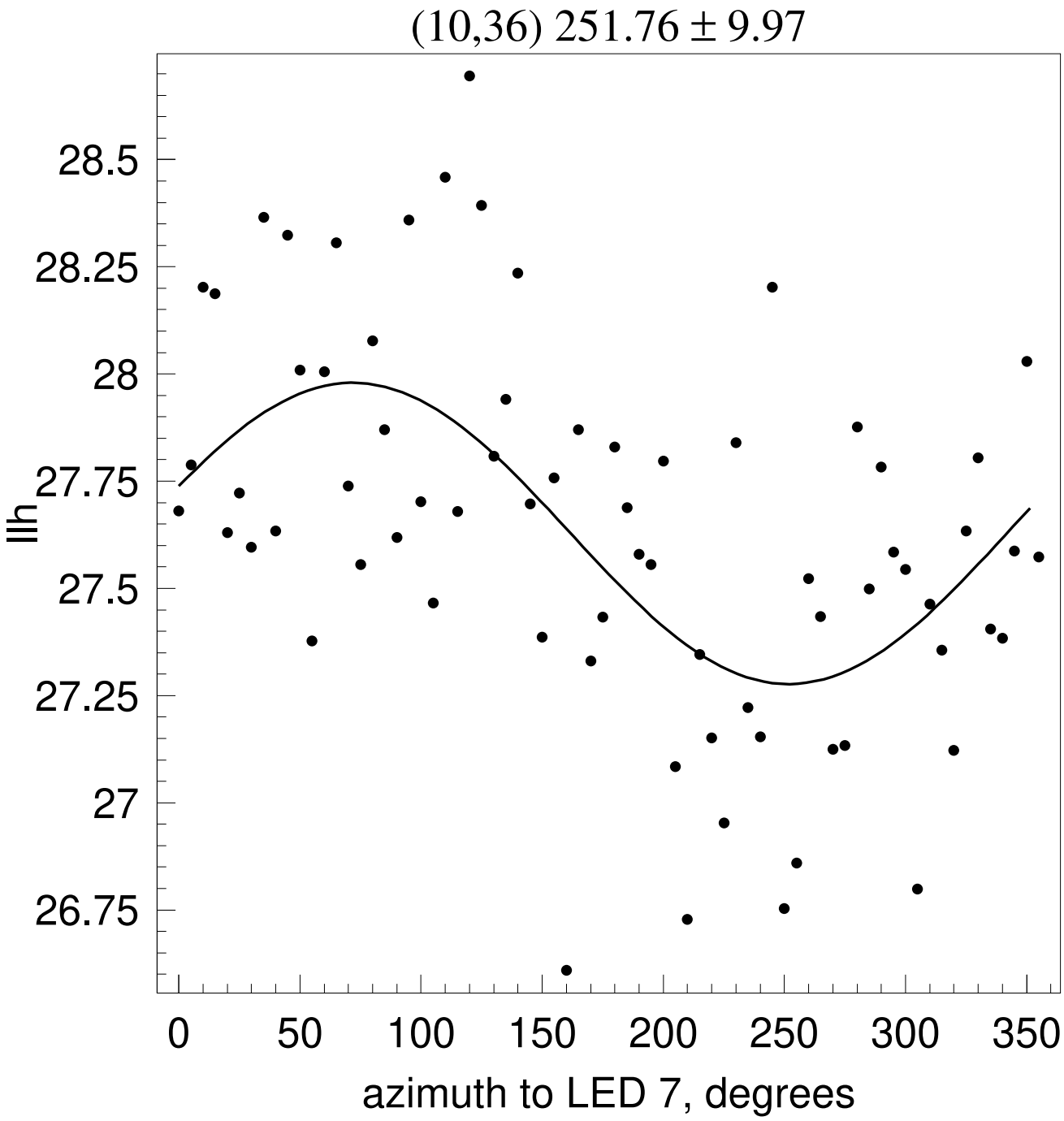

(10,31) 331.05 ± 0.08
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

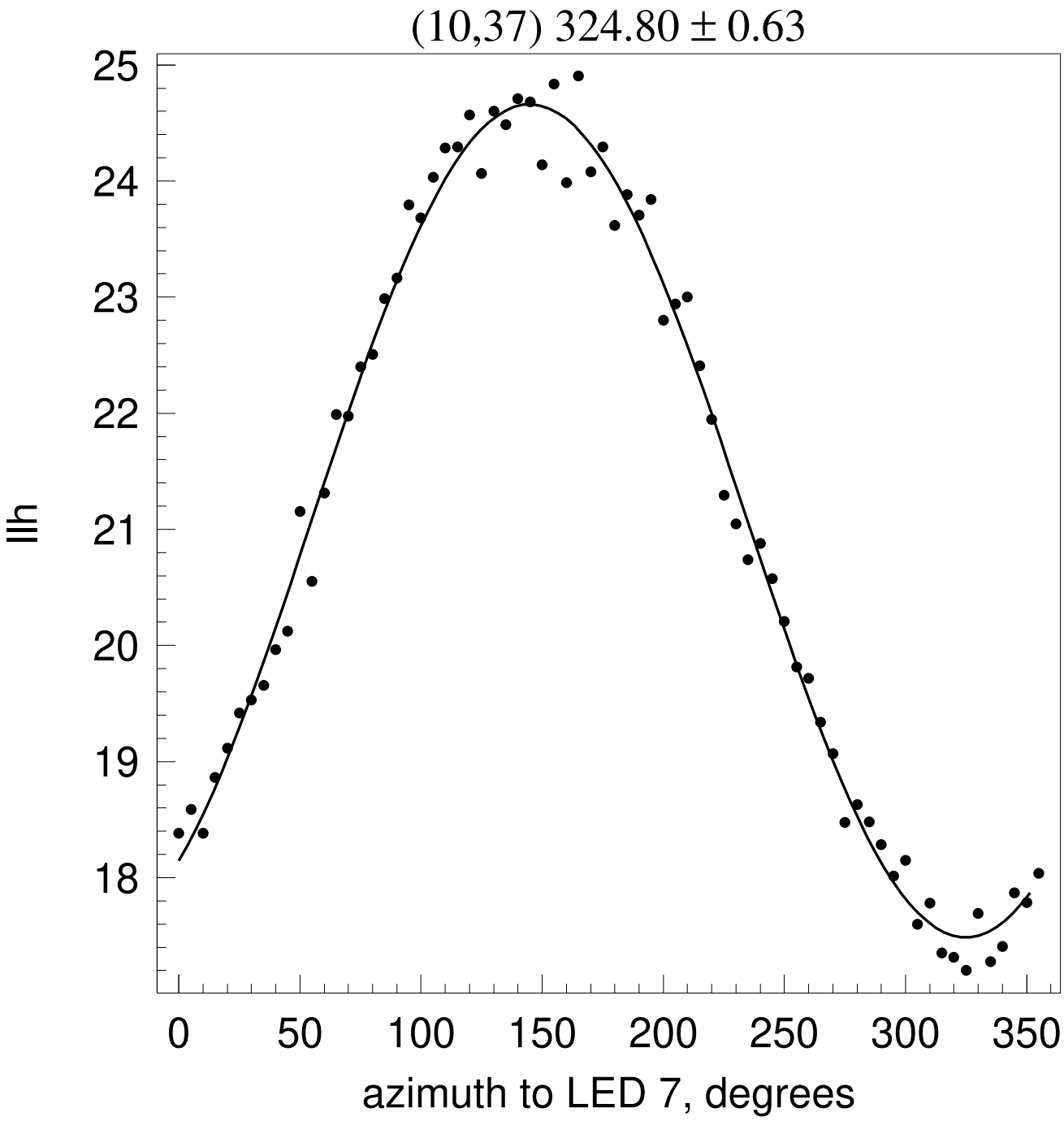

(10,32) 298.67 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

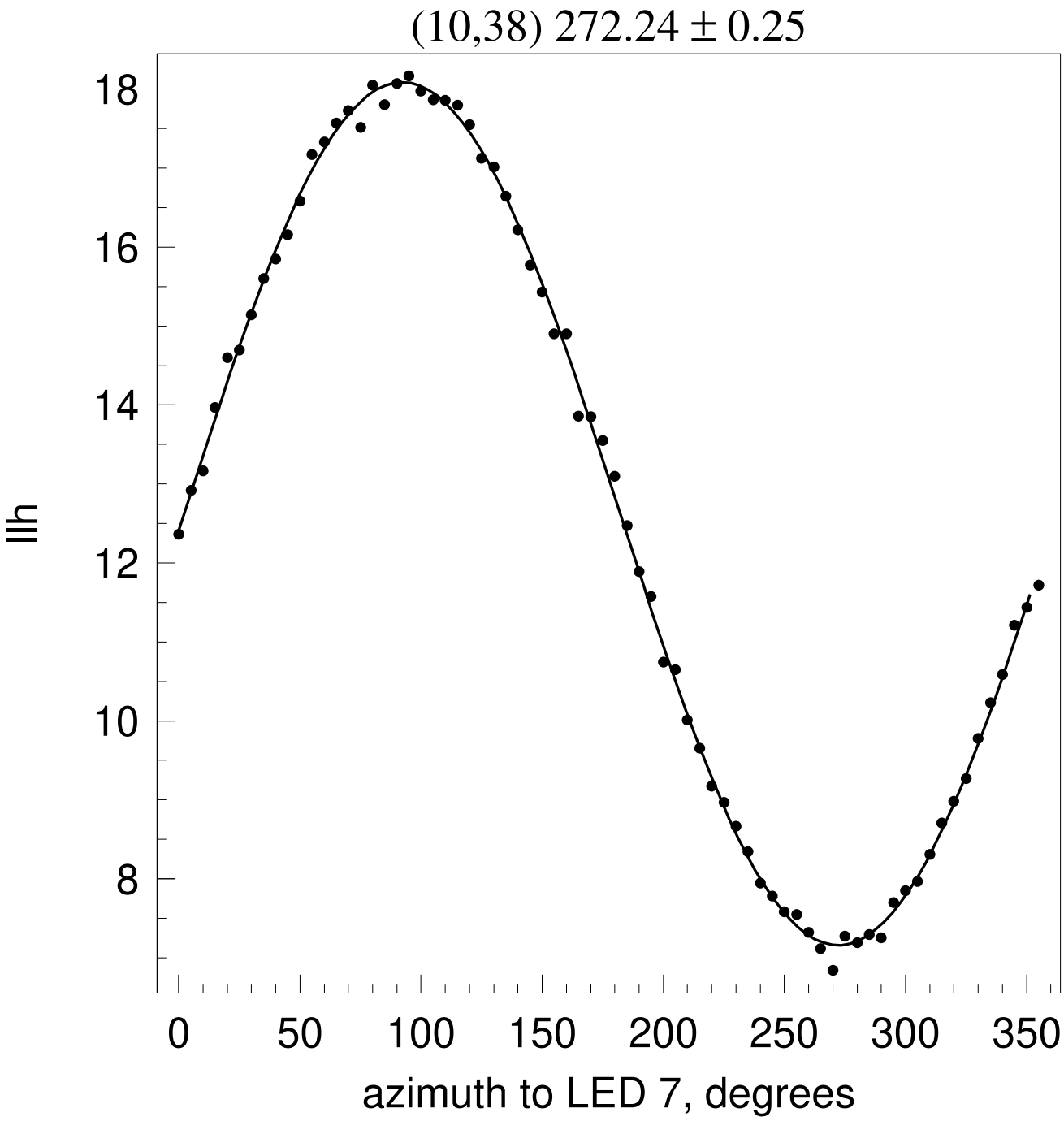

(10,33) 223.14 ± 0.28
36
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

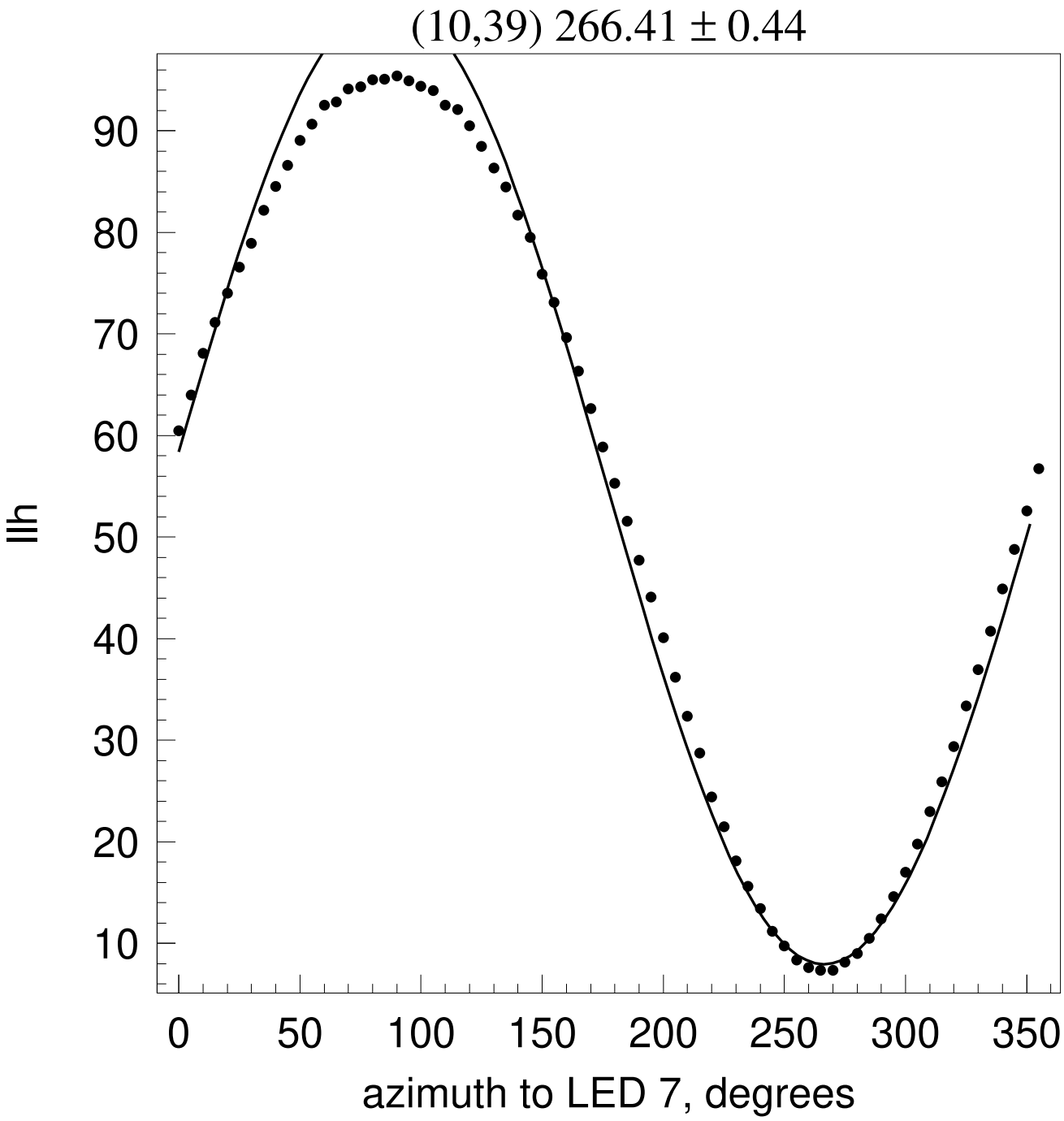

(10,34) 197.79 ± 0.49
42
40
38
36
34
32
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

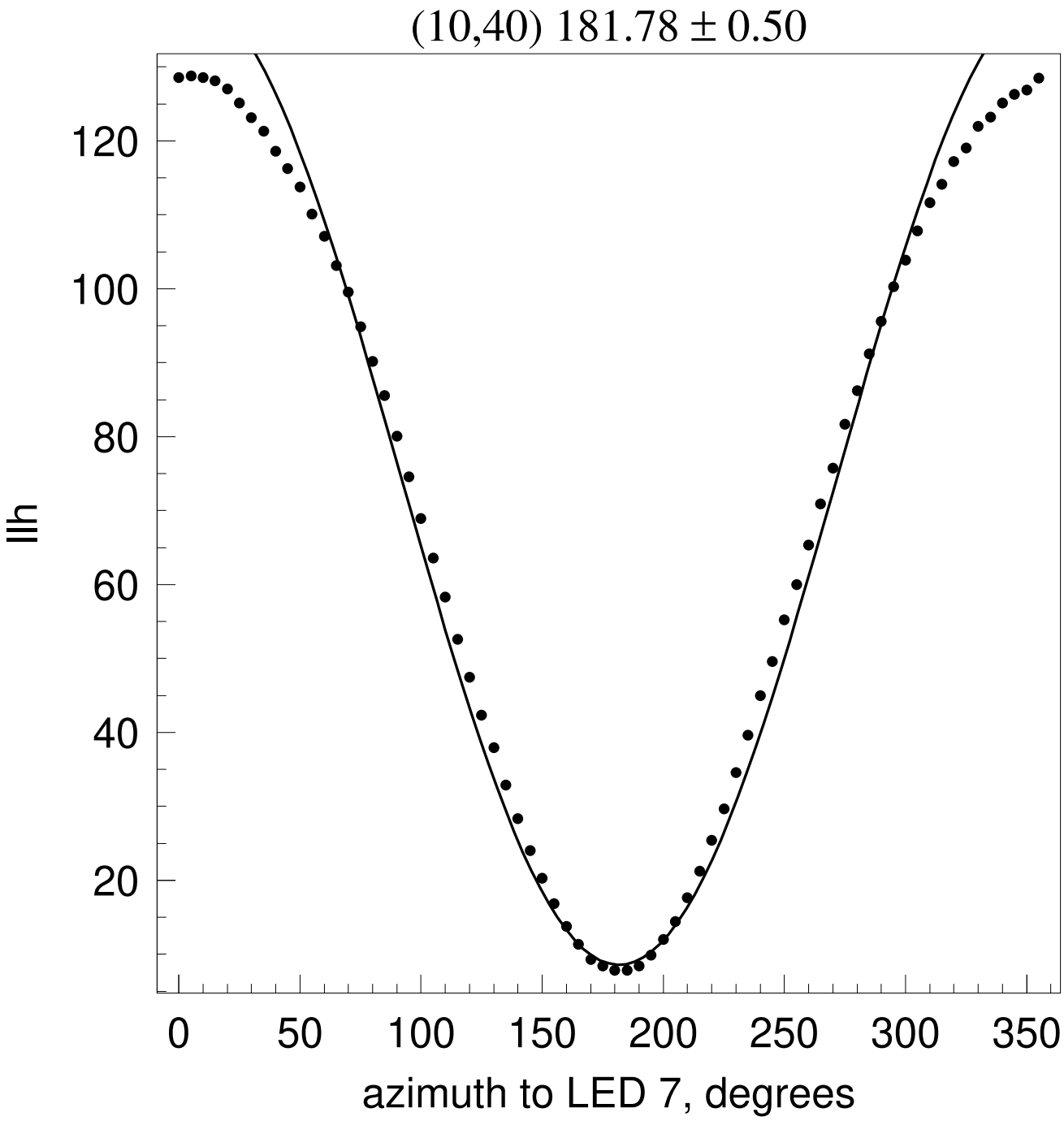

(10,35) 209.91 ± 9.53
29.5
29
28.5
28
27.5
27
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

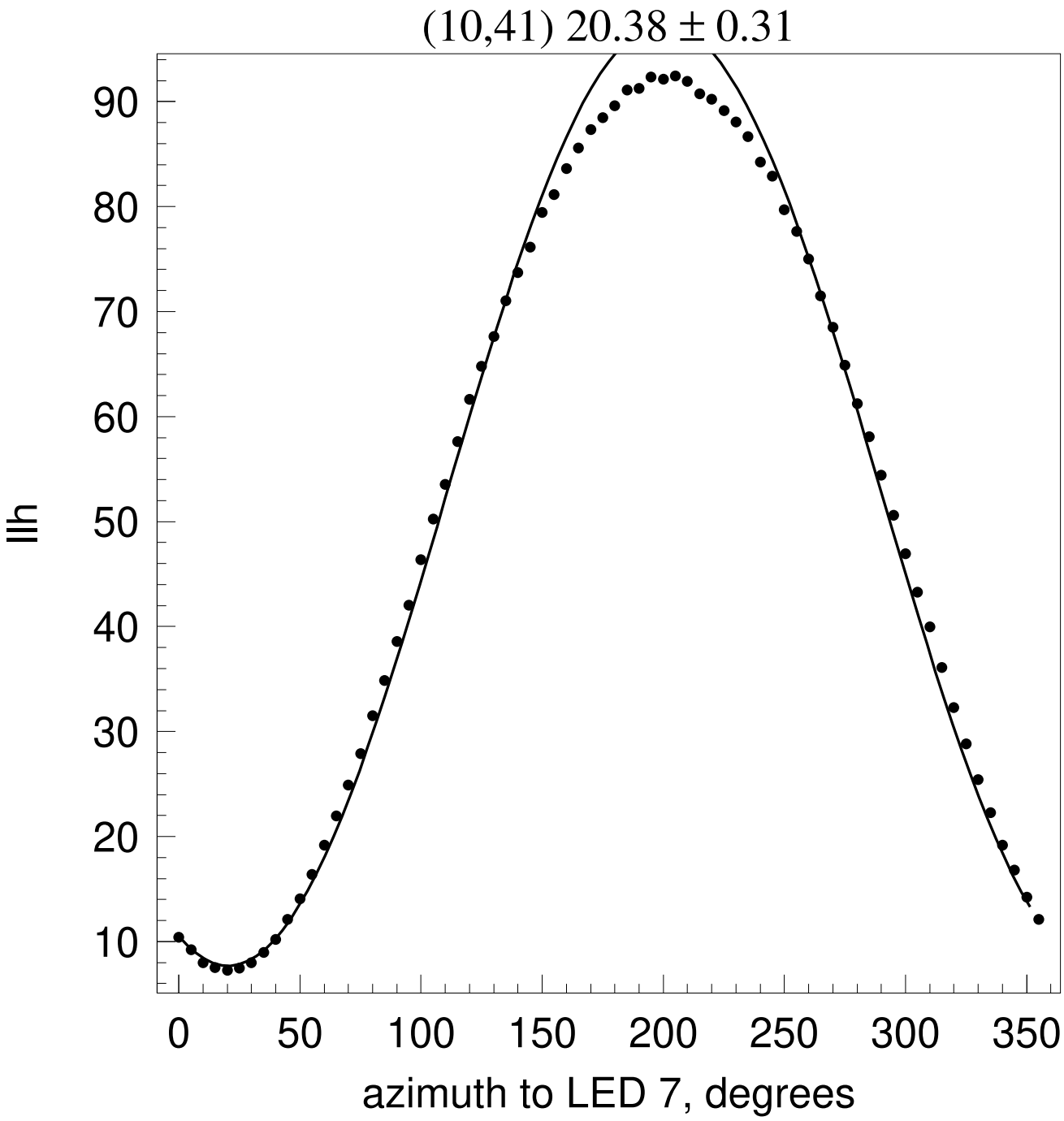

(10,36) 251.76 ± 9.97
28.5
28.25
28
27.75
27.5
27.25
27
26.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

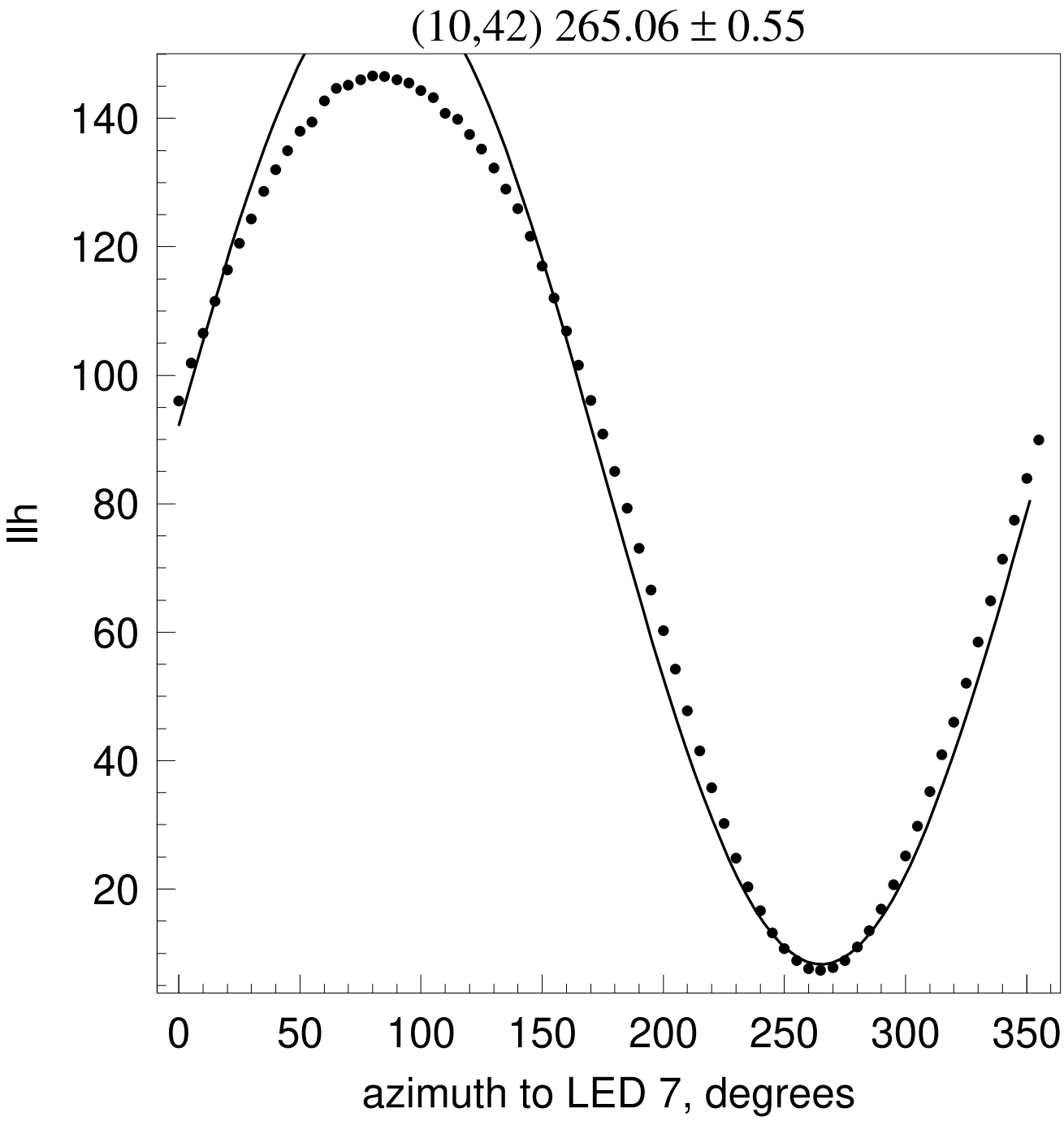

(10,37) 324.80 ± 0.63
25
24
23
22
21
20
19
18
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

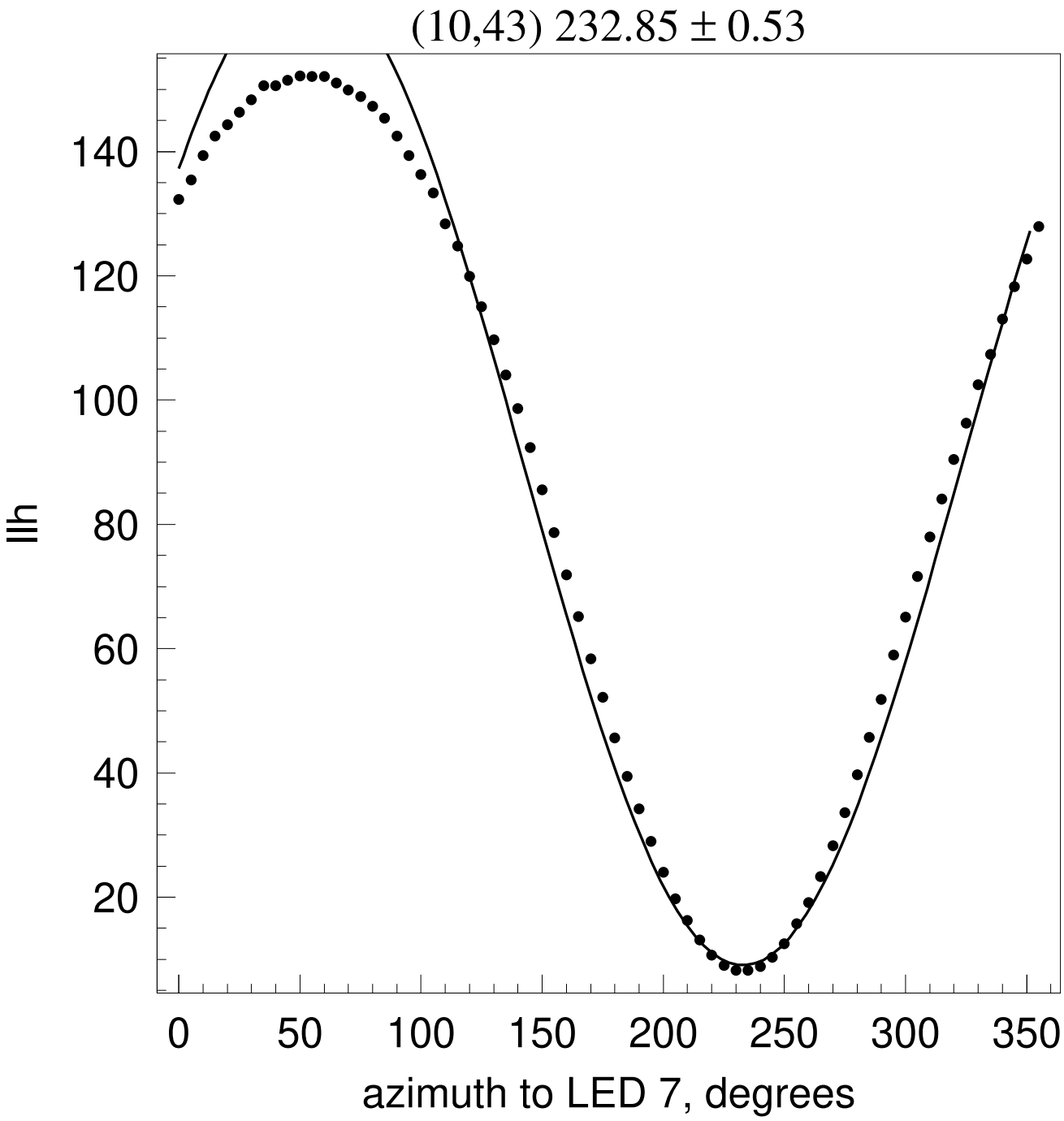

(10,38) 272.24 ± 0.25
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

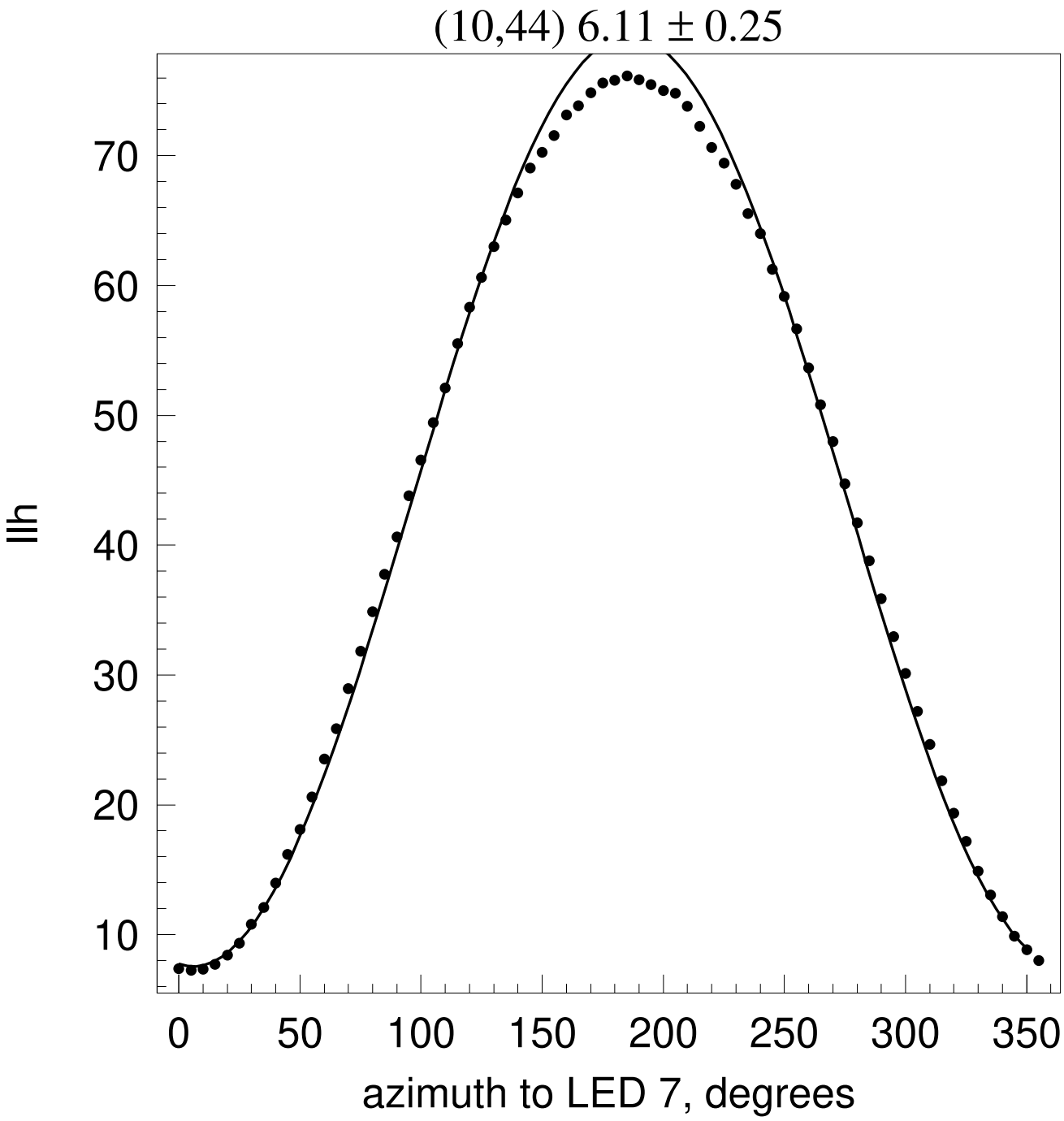

(10,39) 266.41 ± 0.44
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

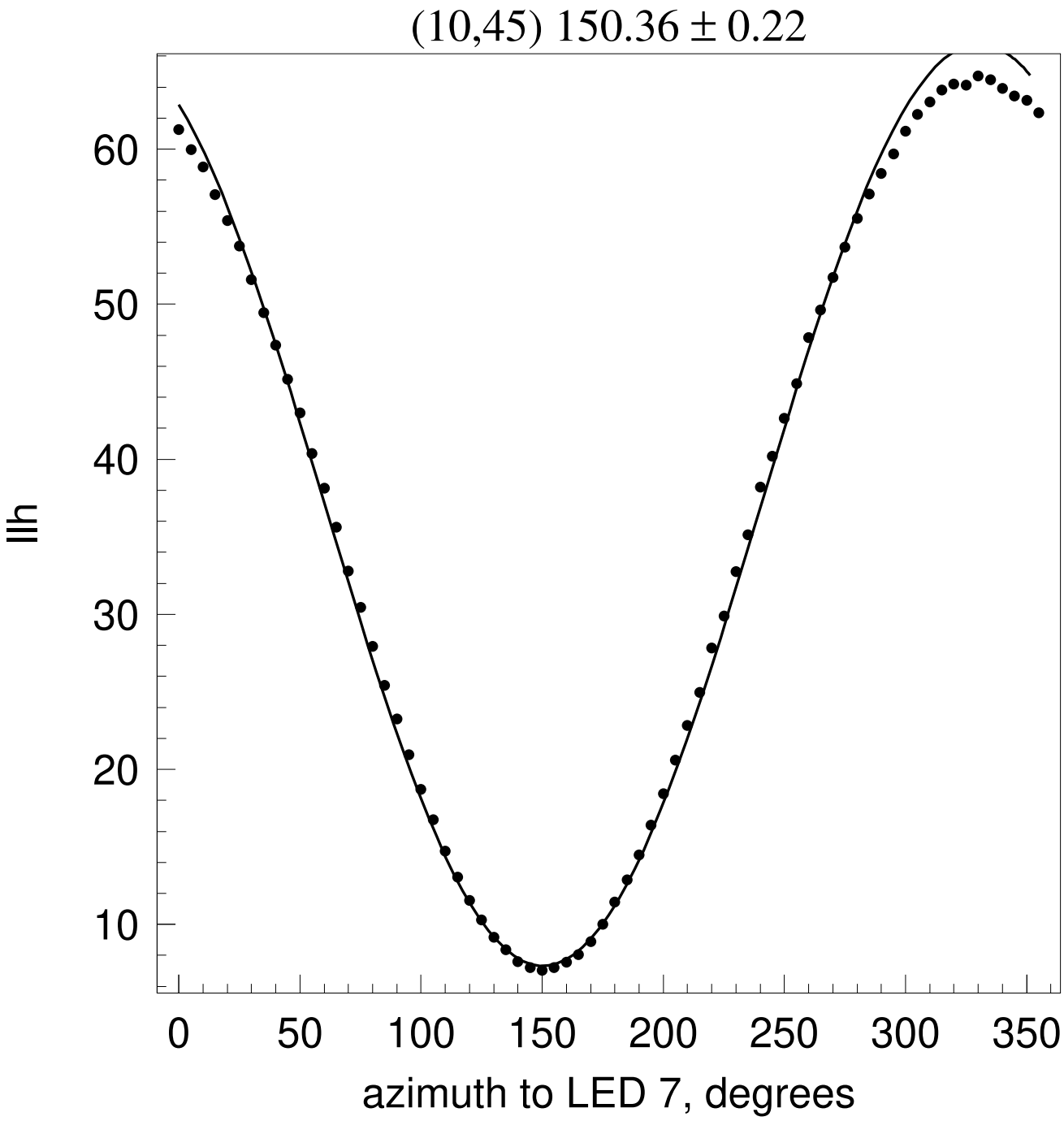

(10,40) 181.78 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

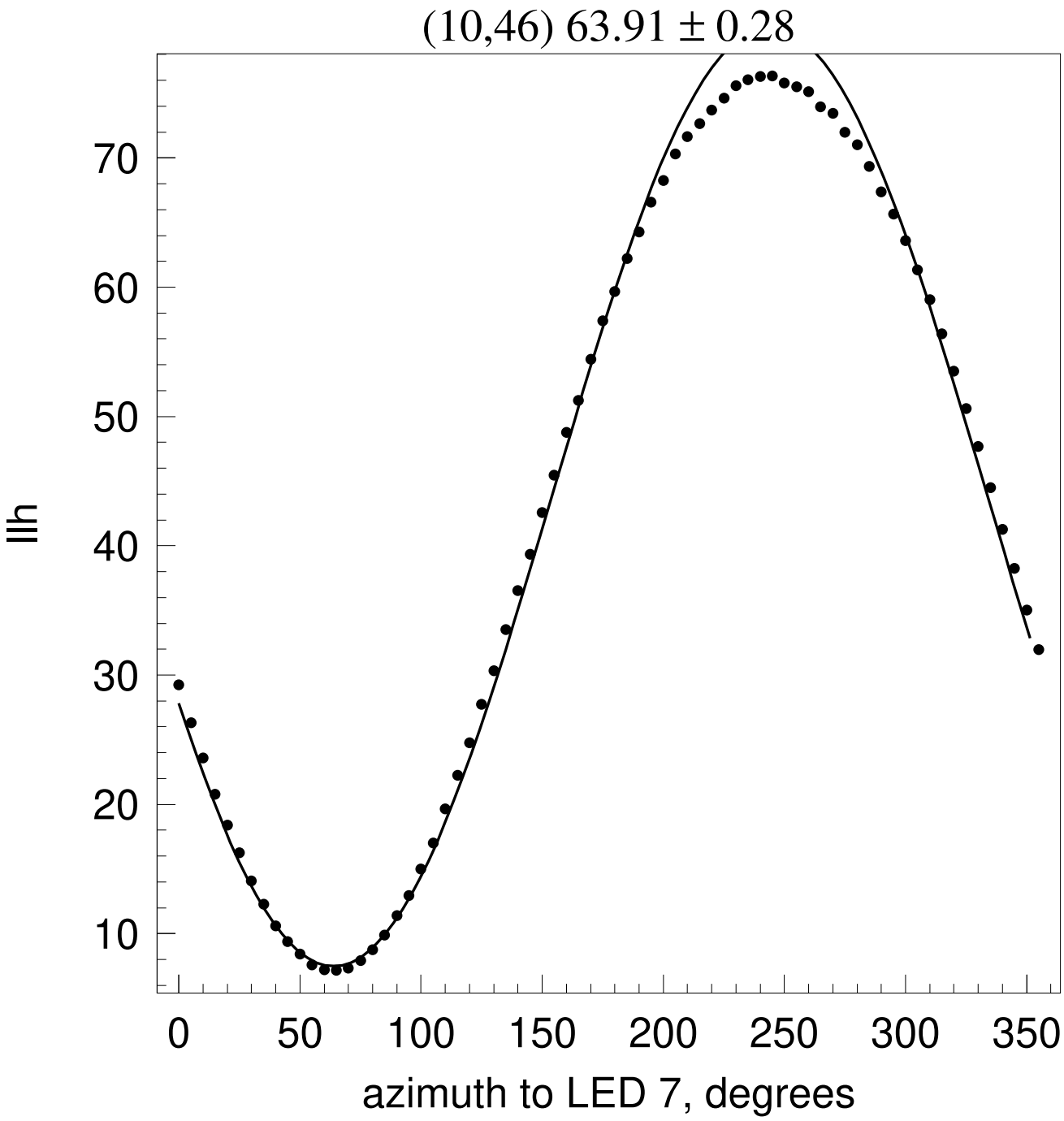

(10,41) 20.38 ± 0.31
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

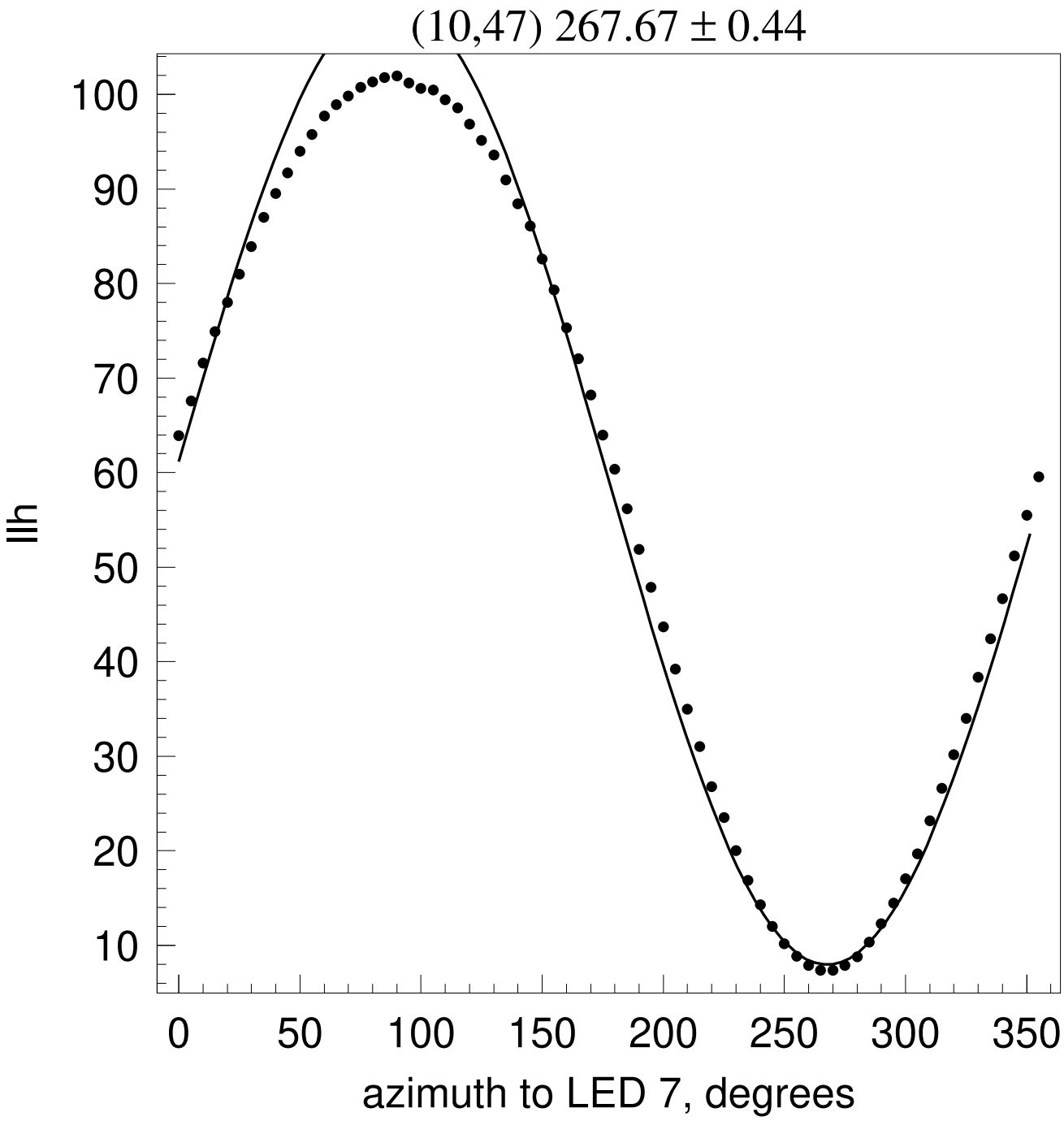

(10,42) 265.06 ± 0.55
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

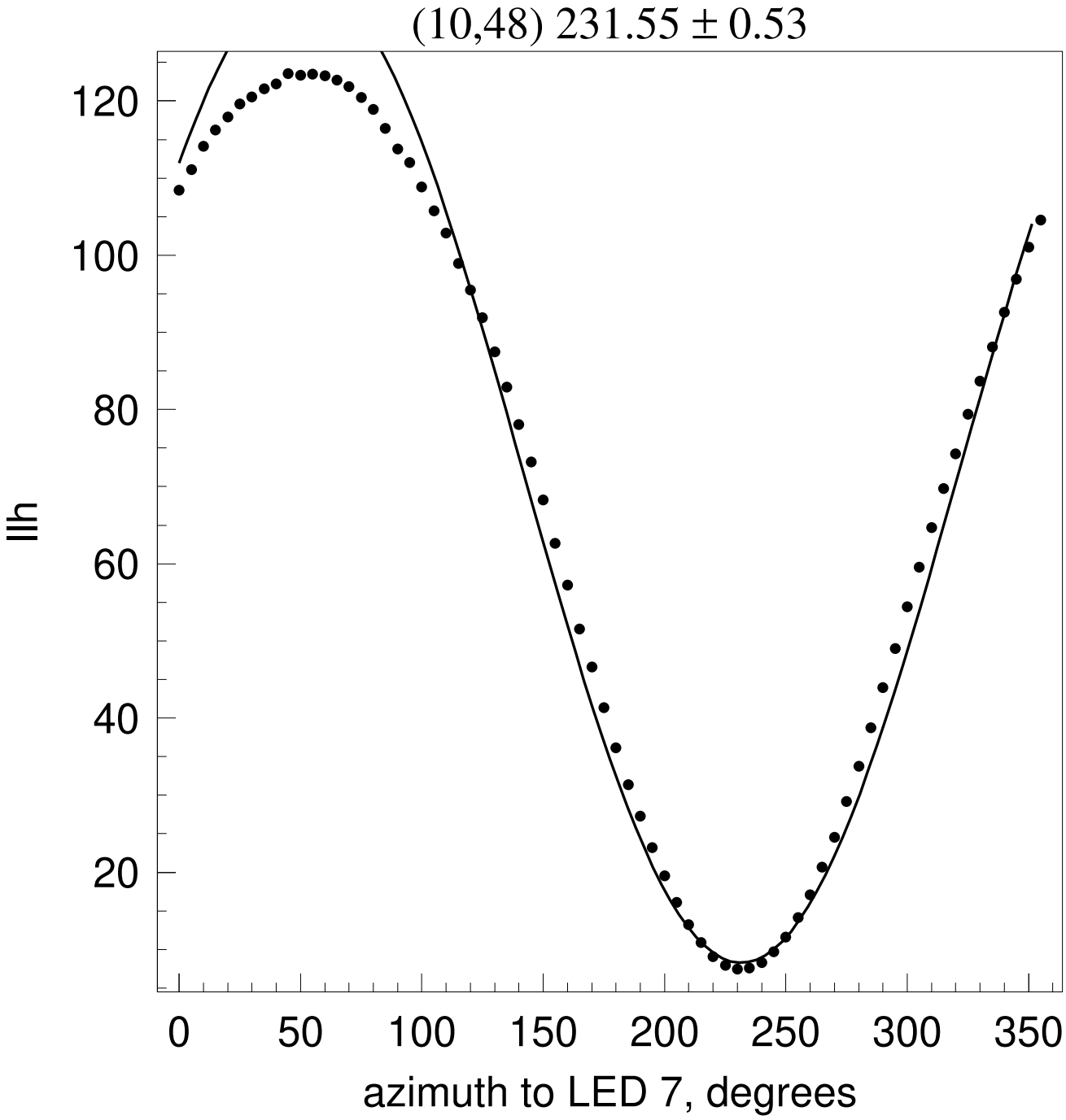

(10,43) 232.85 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

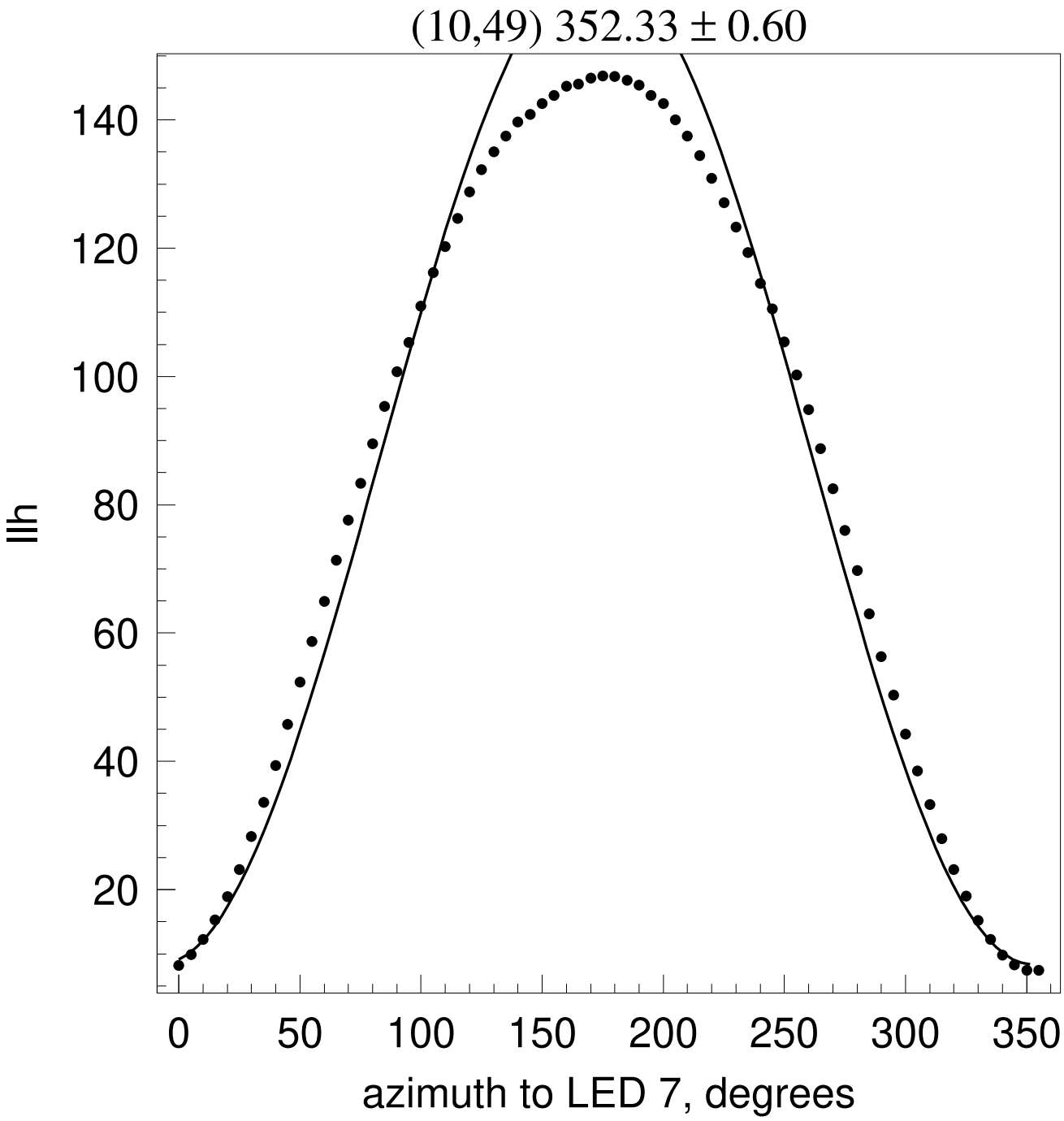

(10,44) 6.11 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

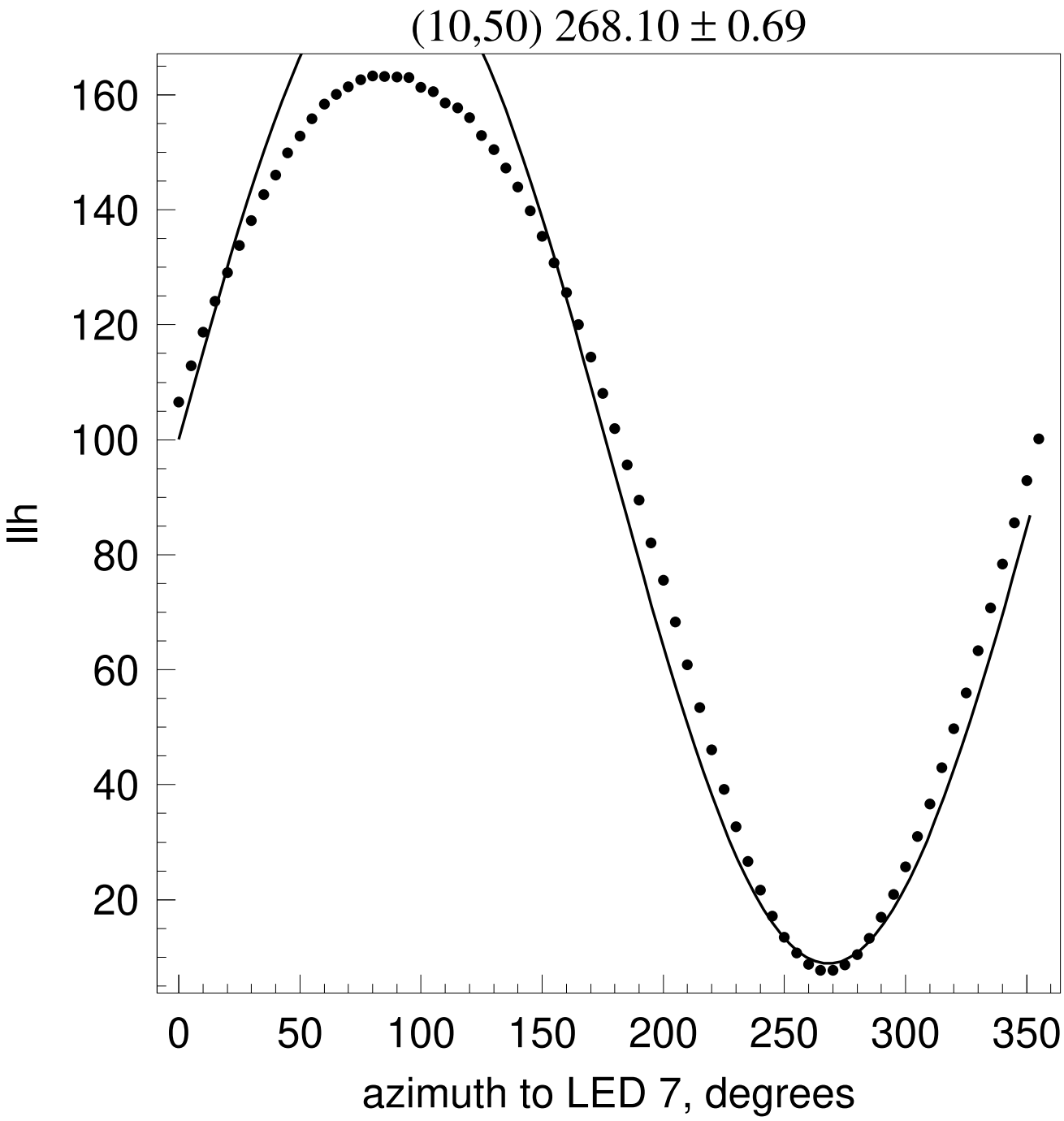

(10,45) 150.36 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

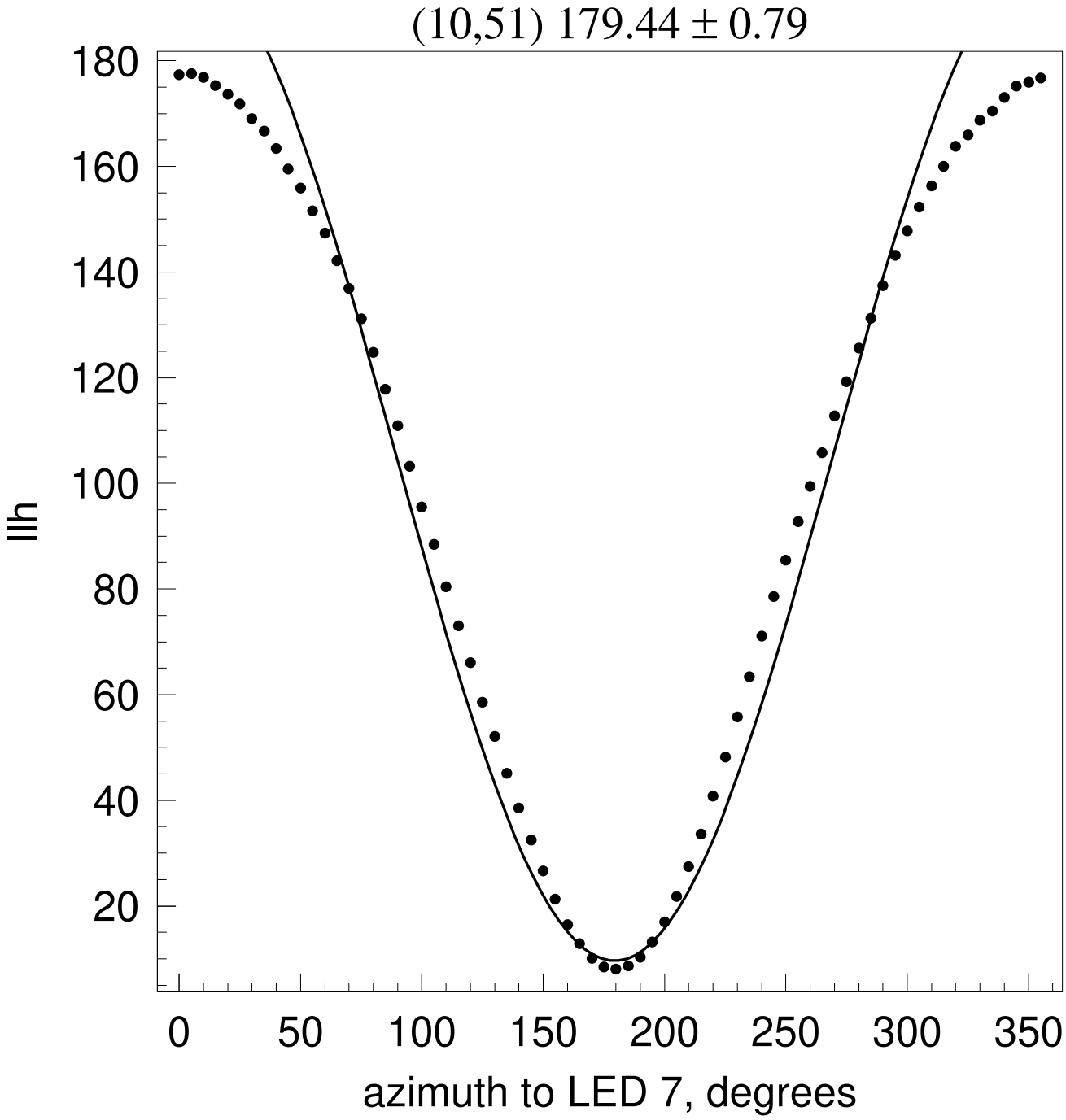

(10,46) 63.91 ± 0.28
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

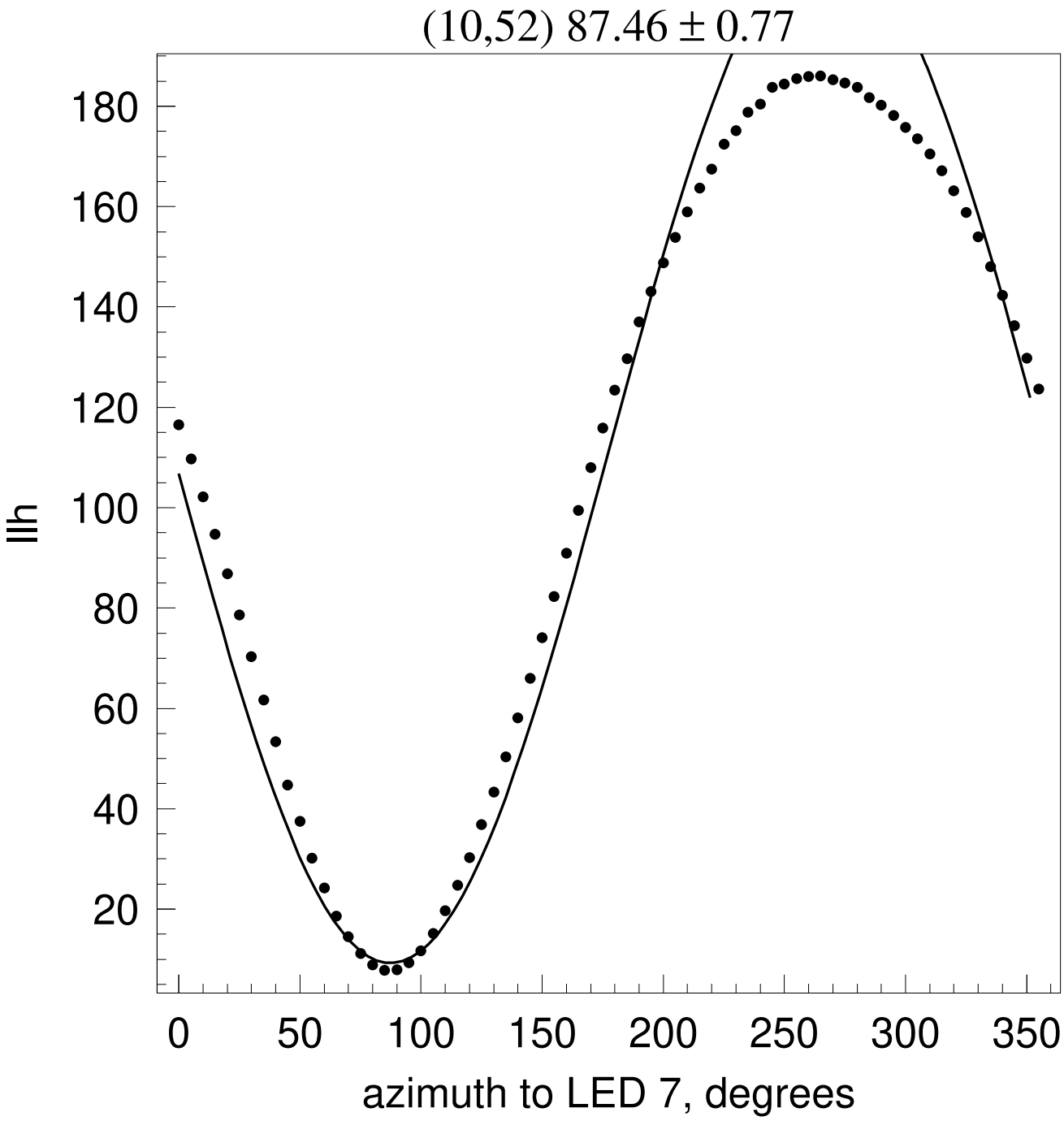

(10,47) 267.67 ± 0.44
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

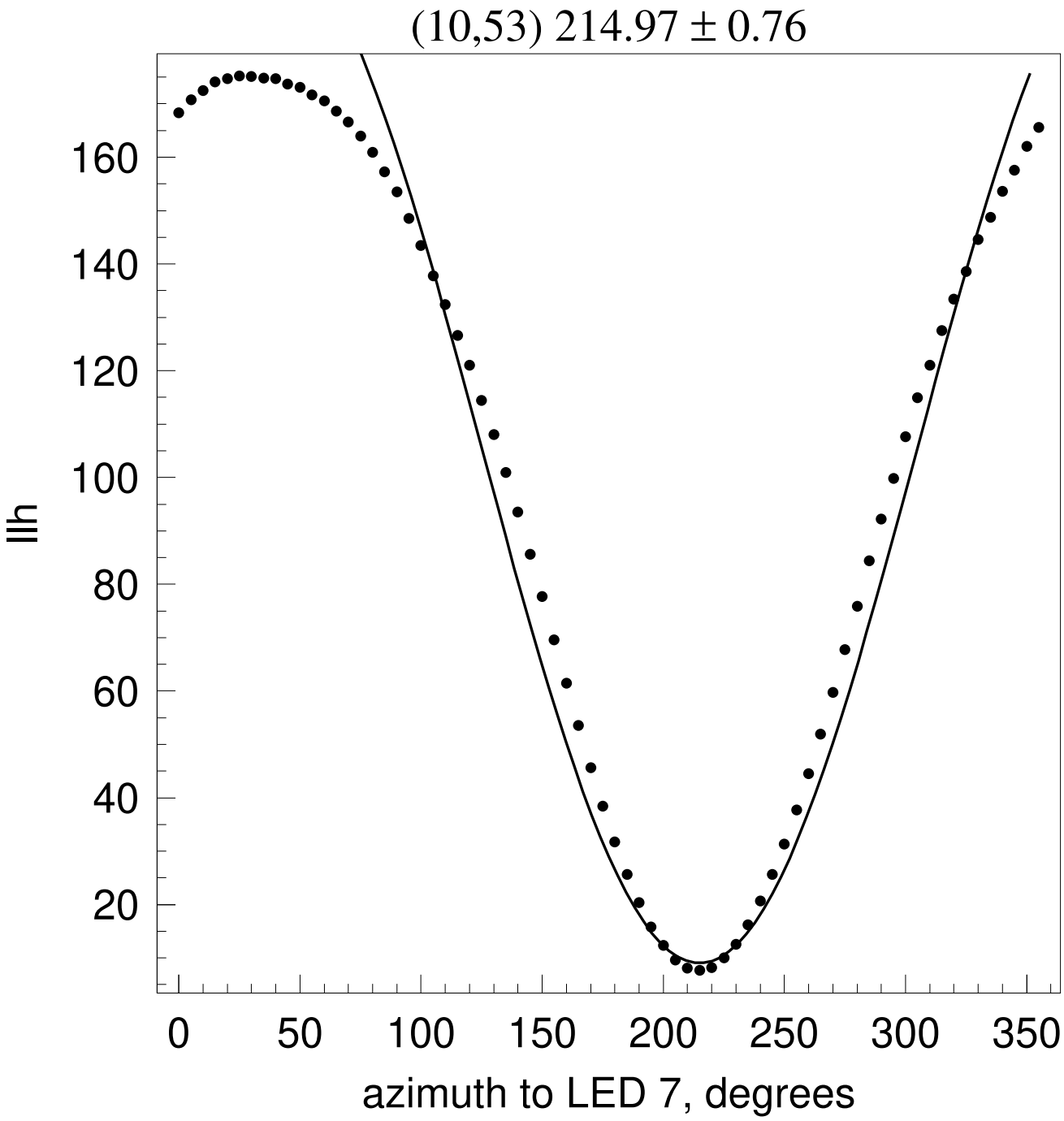

(10,48) 231.55 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

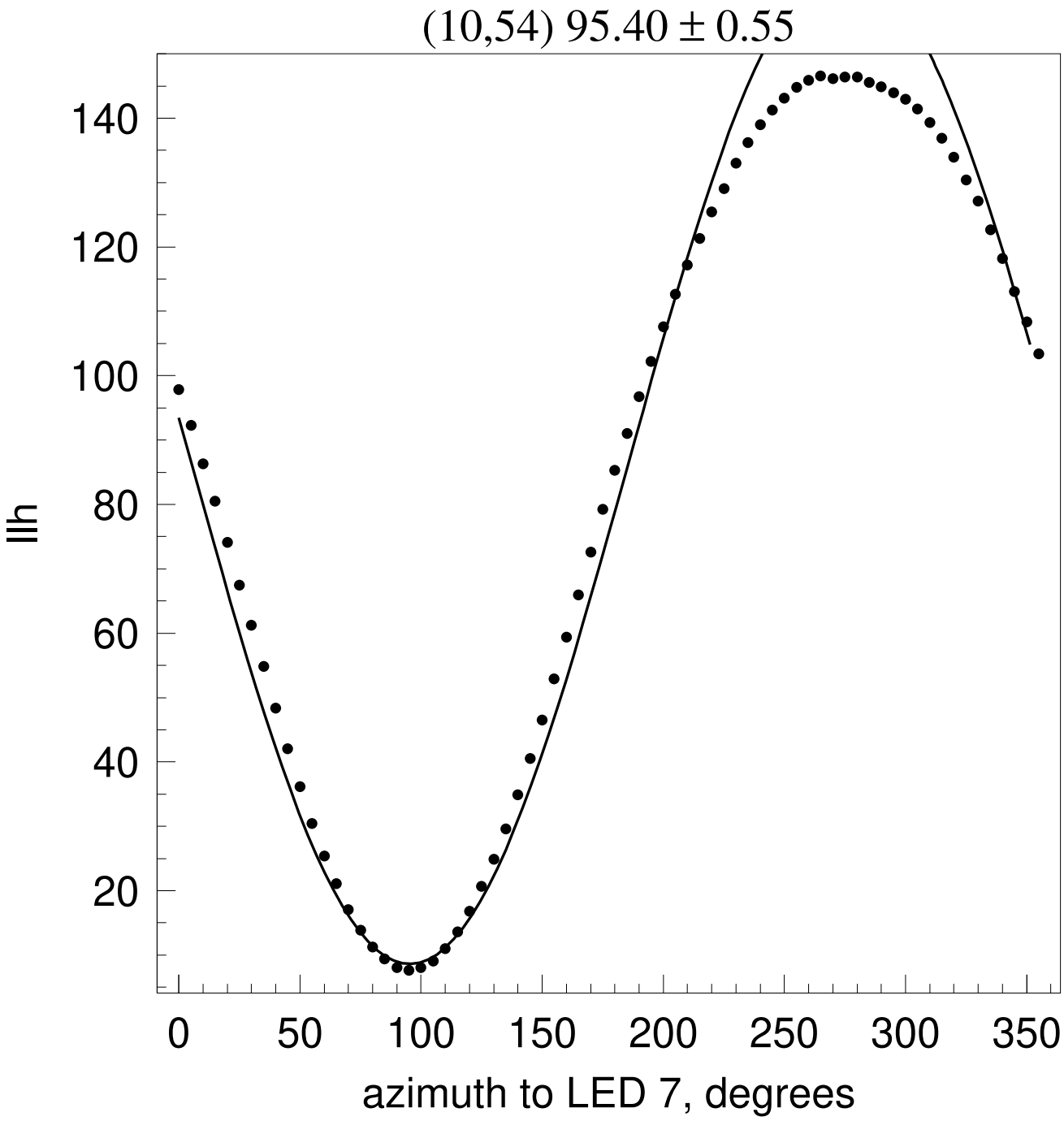

(10,49) 352.33 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

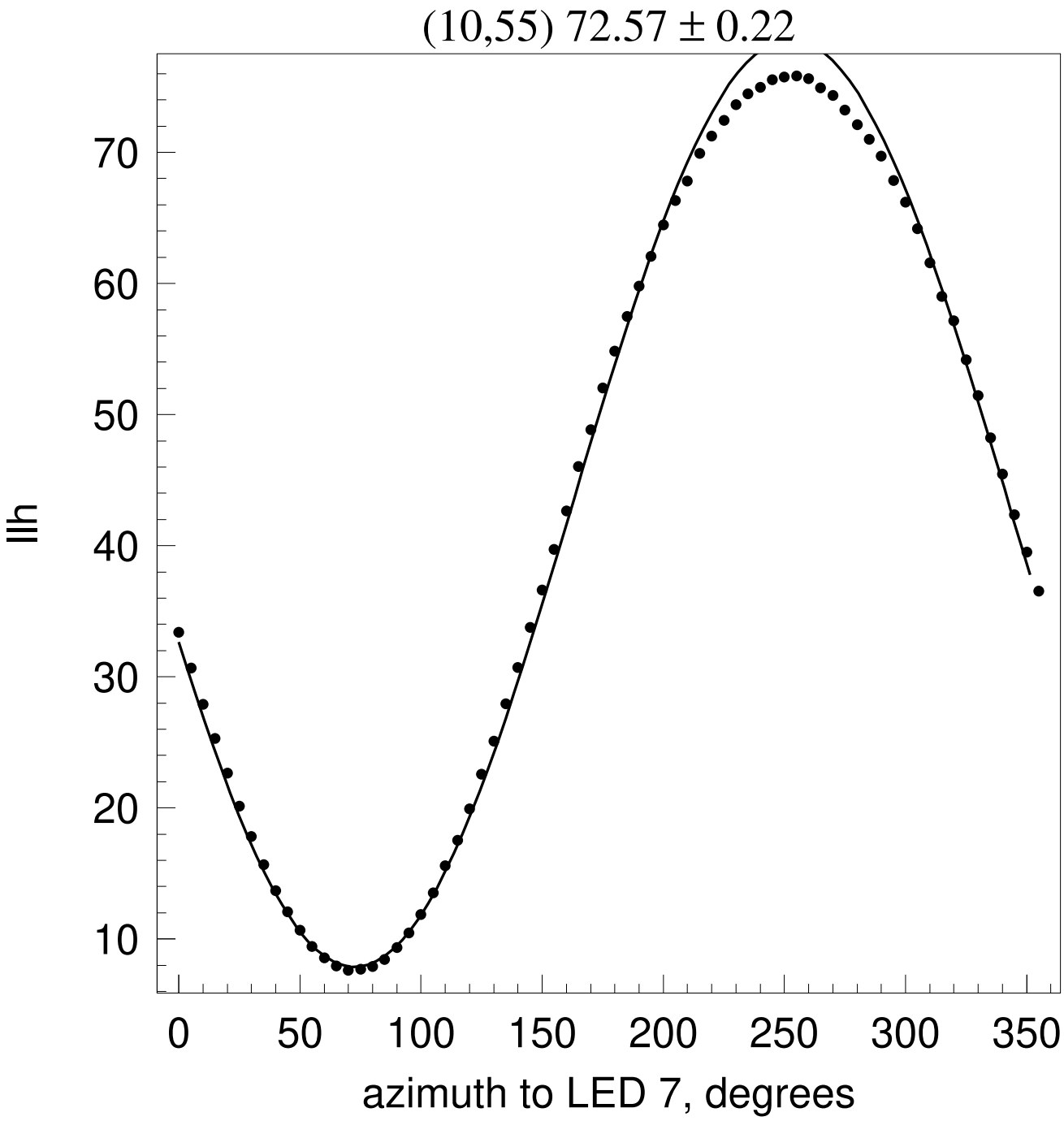

(10,50) 268.10 ± 0.69
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

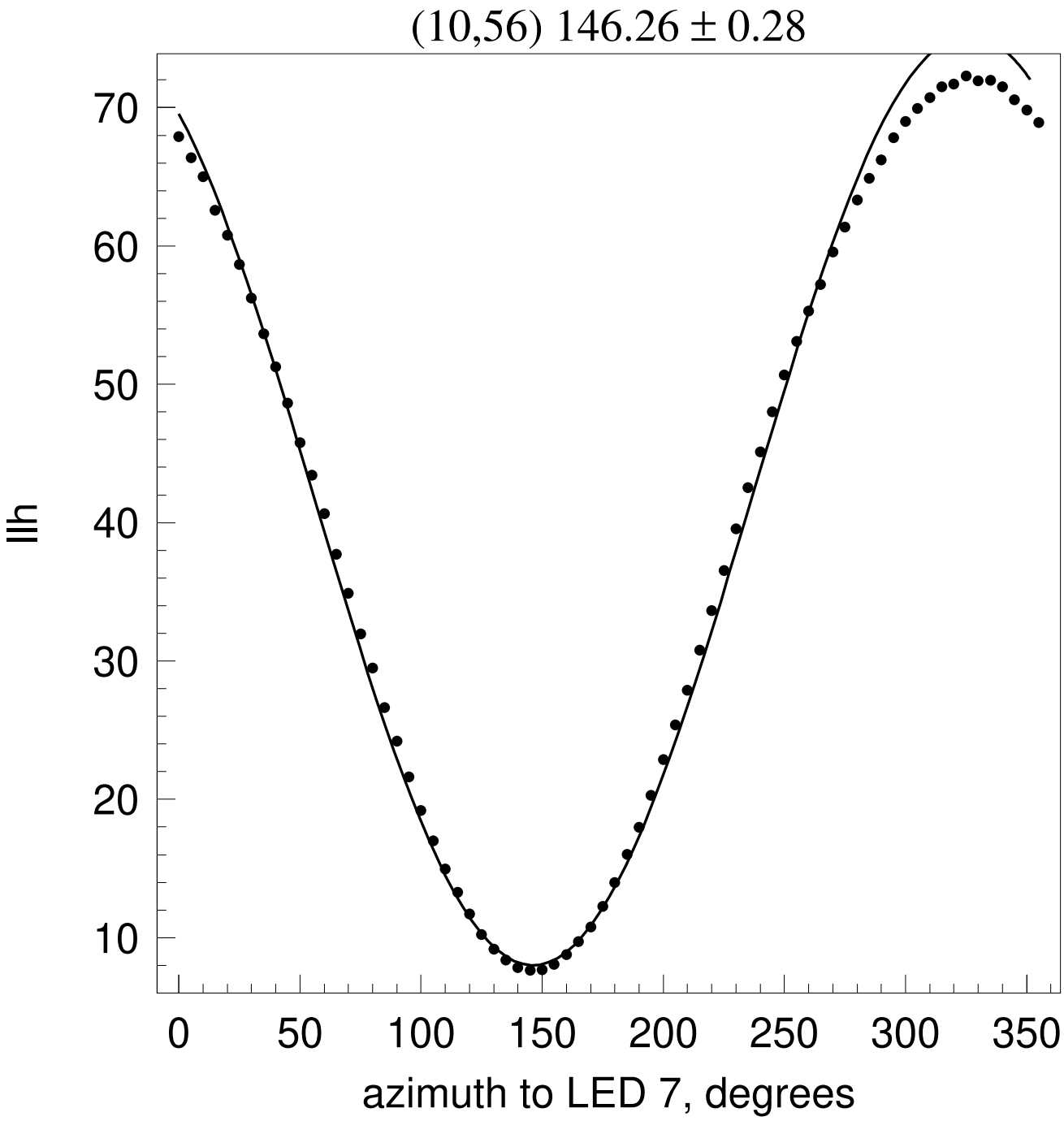

(10,51) 179.44 ± 0.79
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

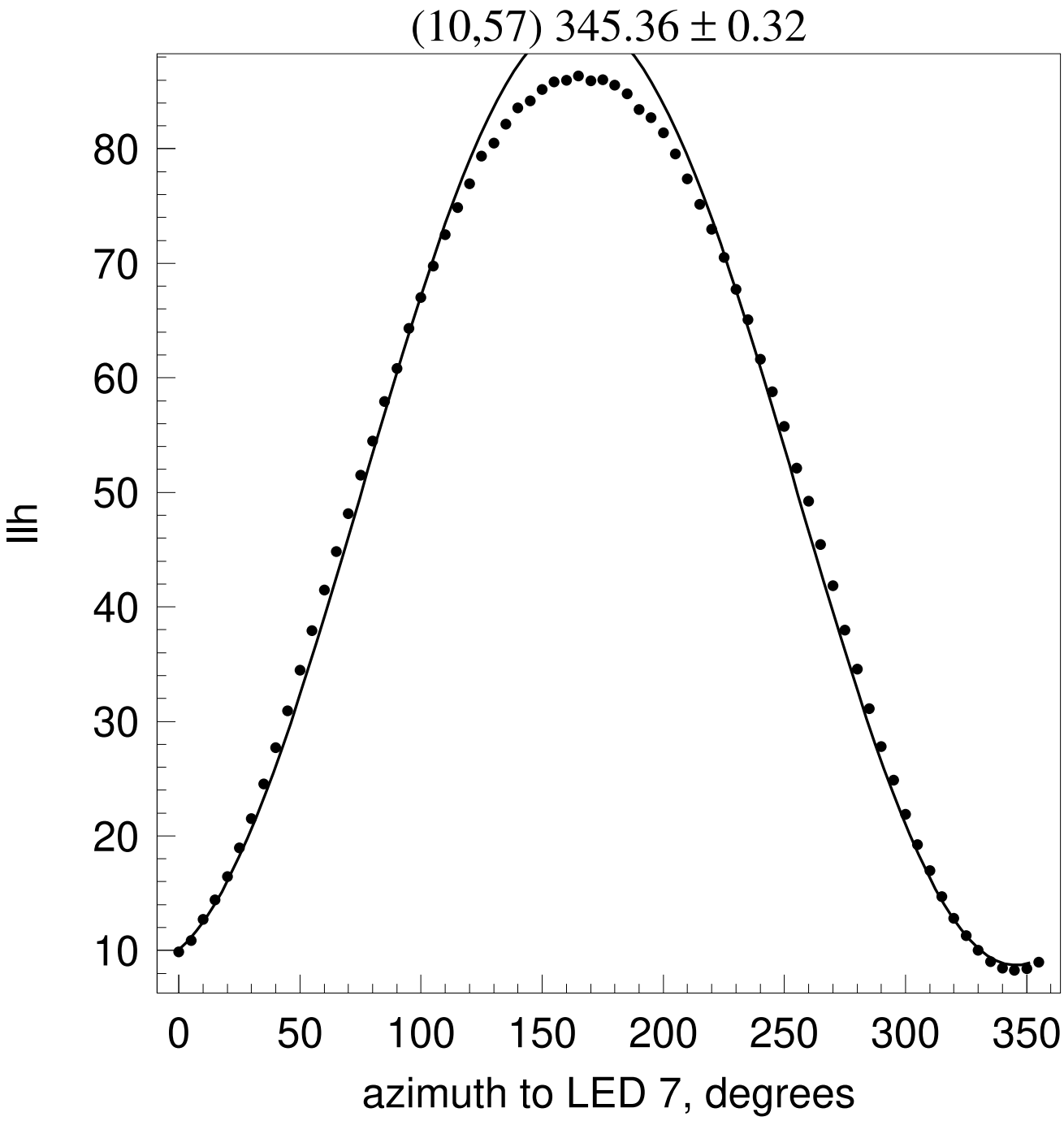

(10,52) 87.46 ± 0.77
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

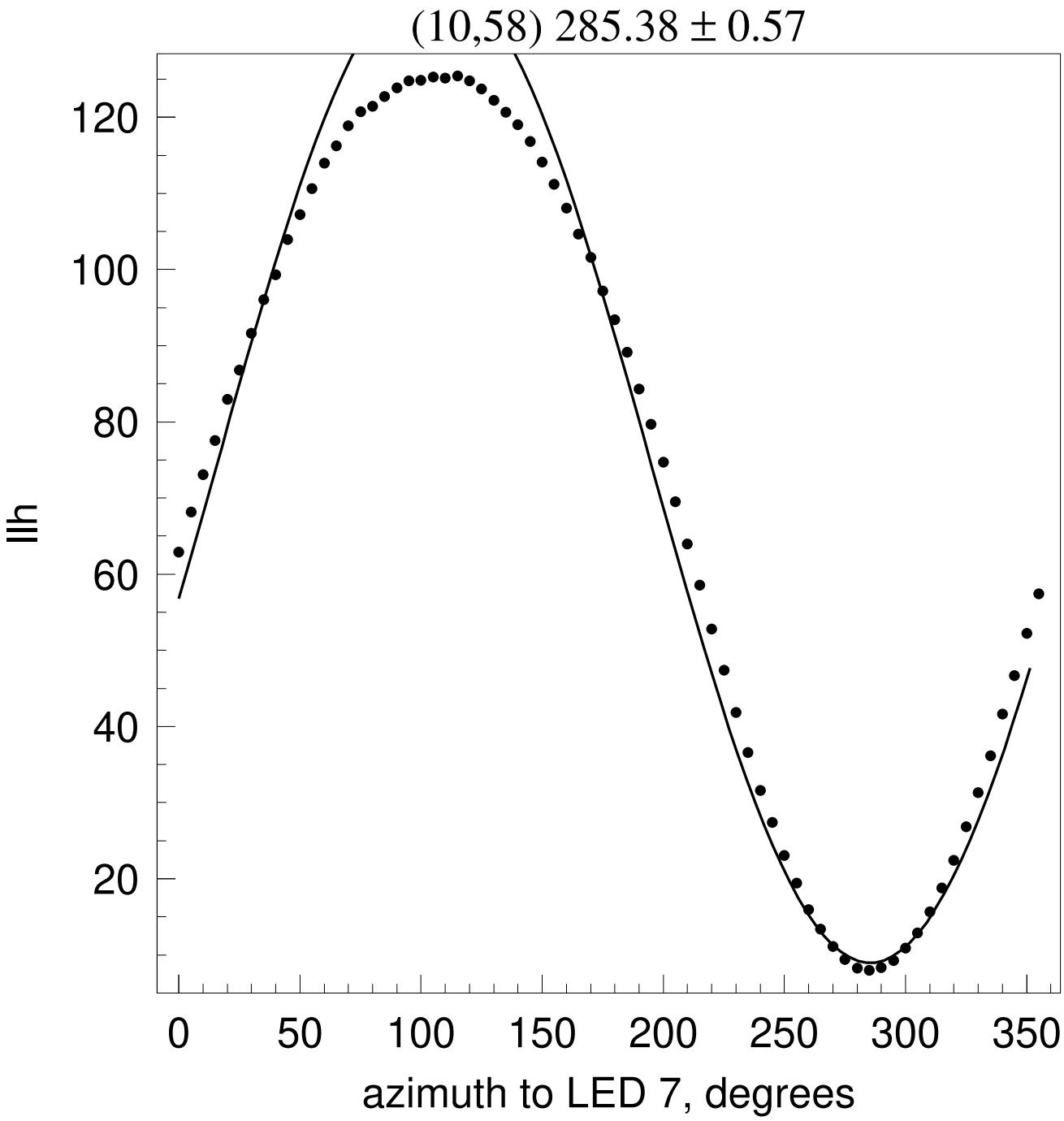

(10,53) 214.97 ± 0.76
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

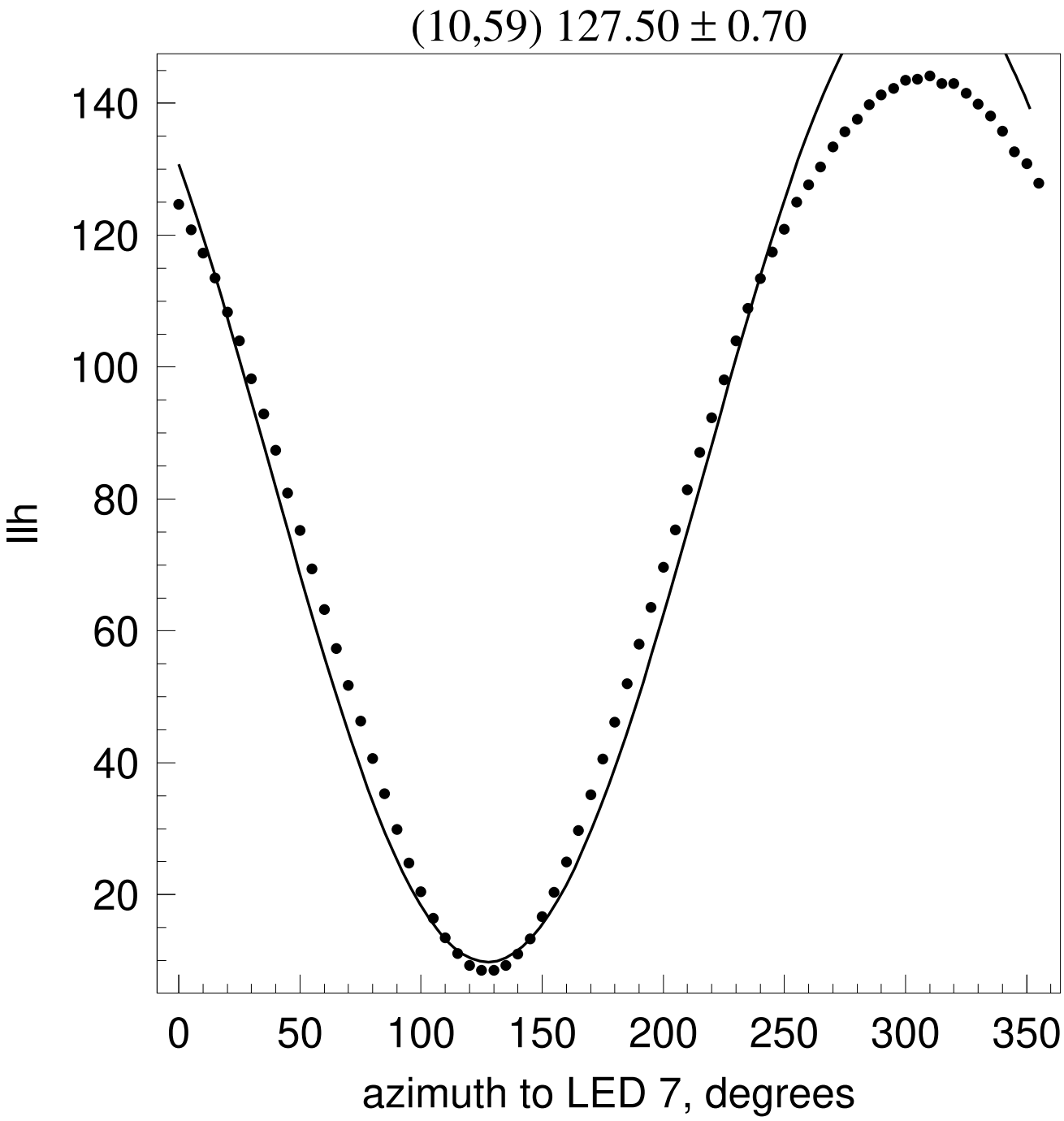

(10,54) 95.40 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

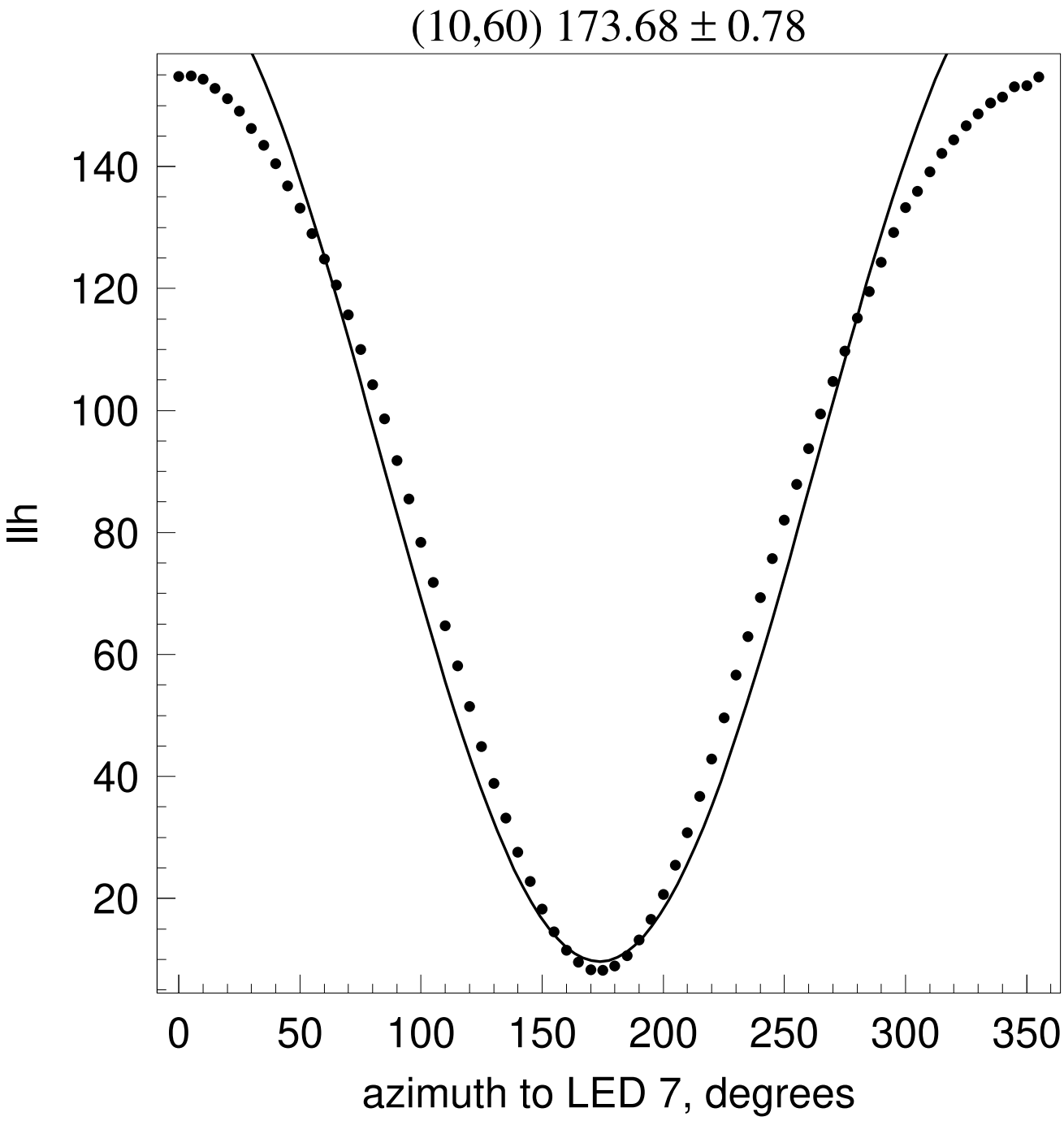

(10,55) 72.57 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

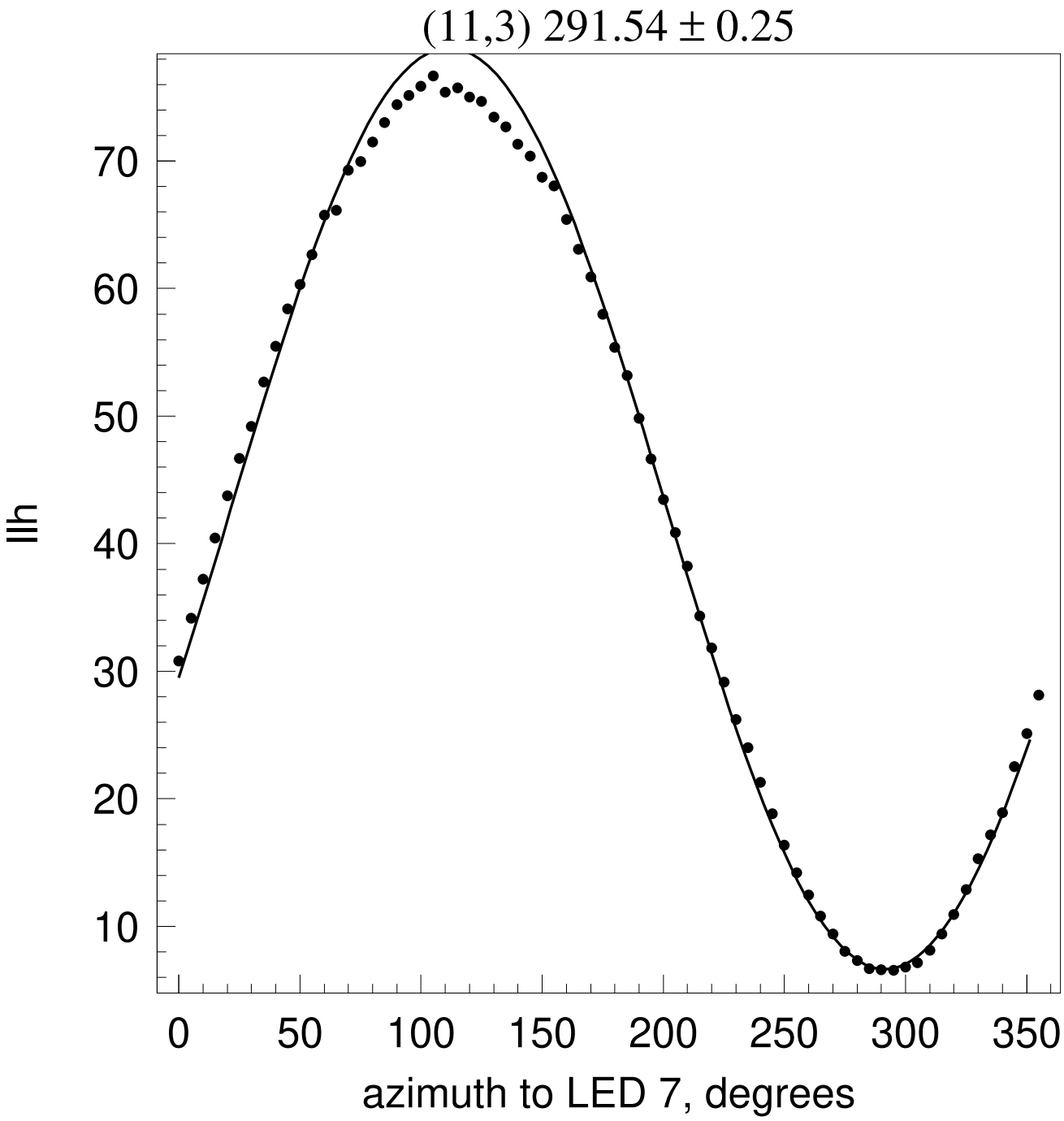

(10,56) 146.26 ± 0.28
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

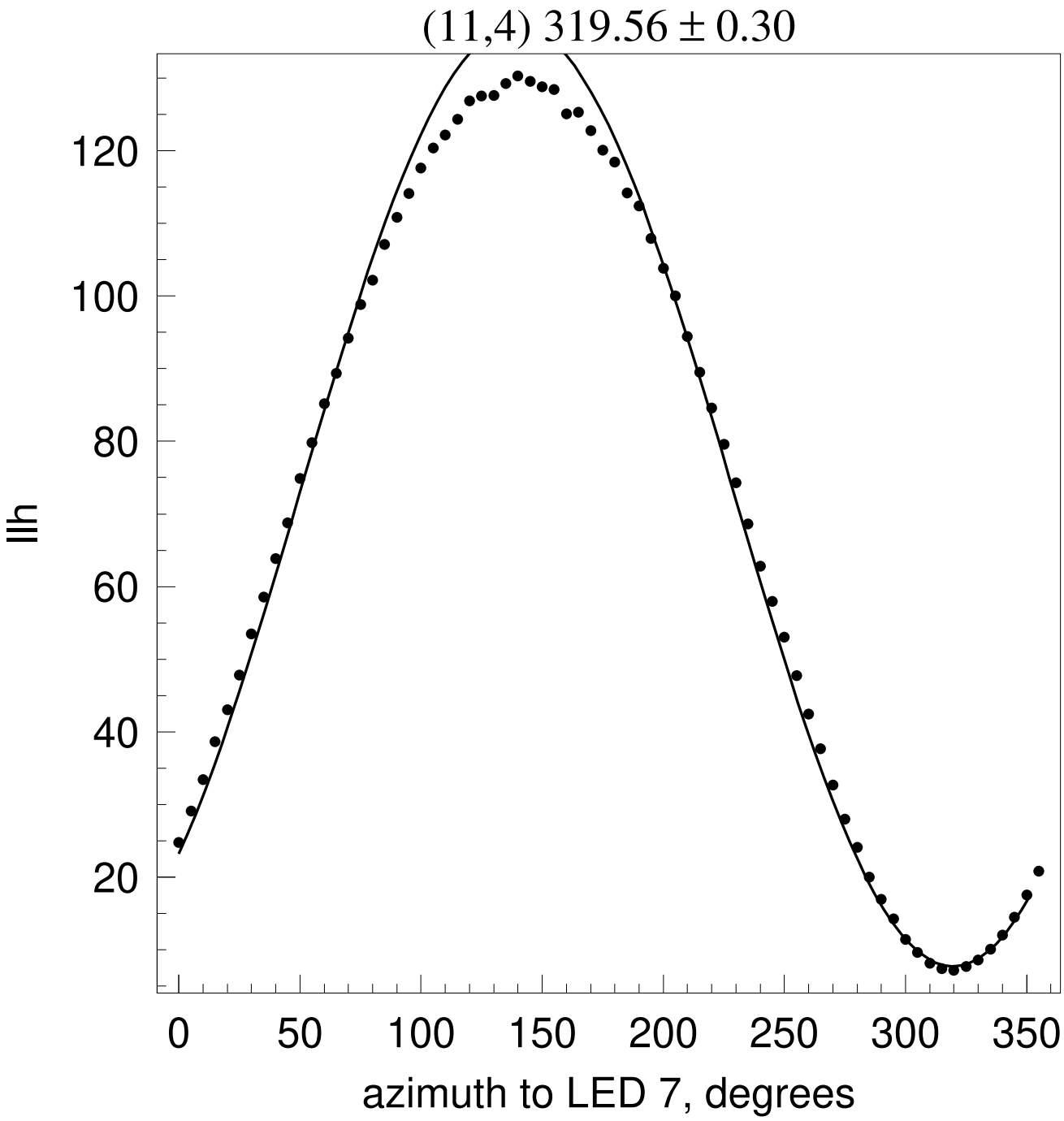

(10,57) 345.36 ± 0.32
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

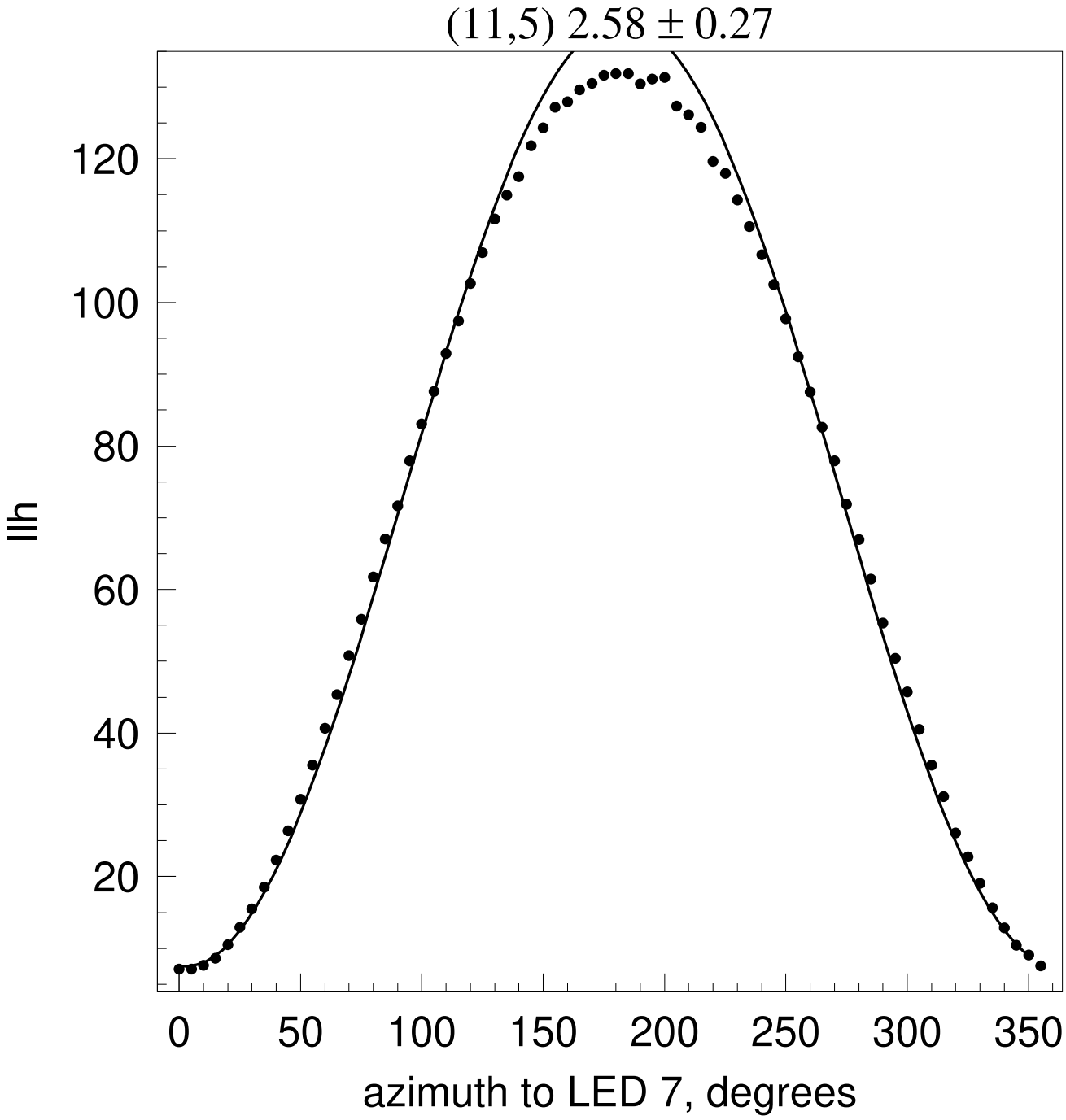

(10,58) 285.38 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

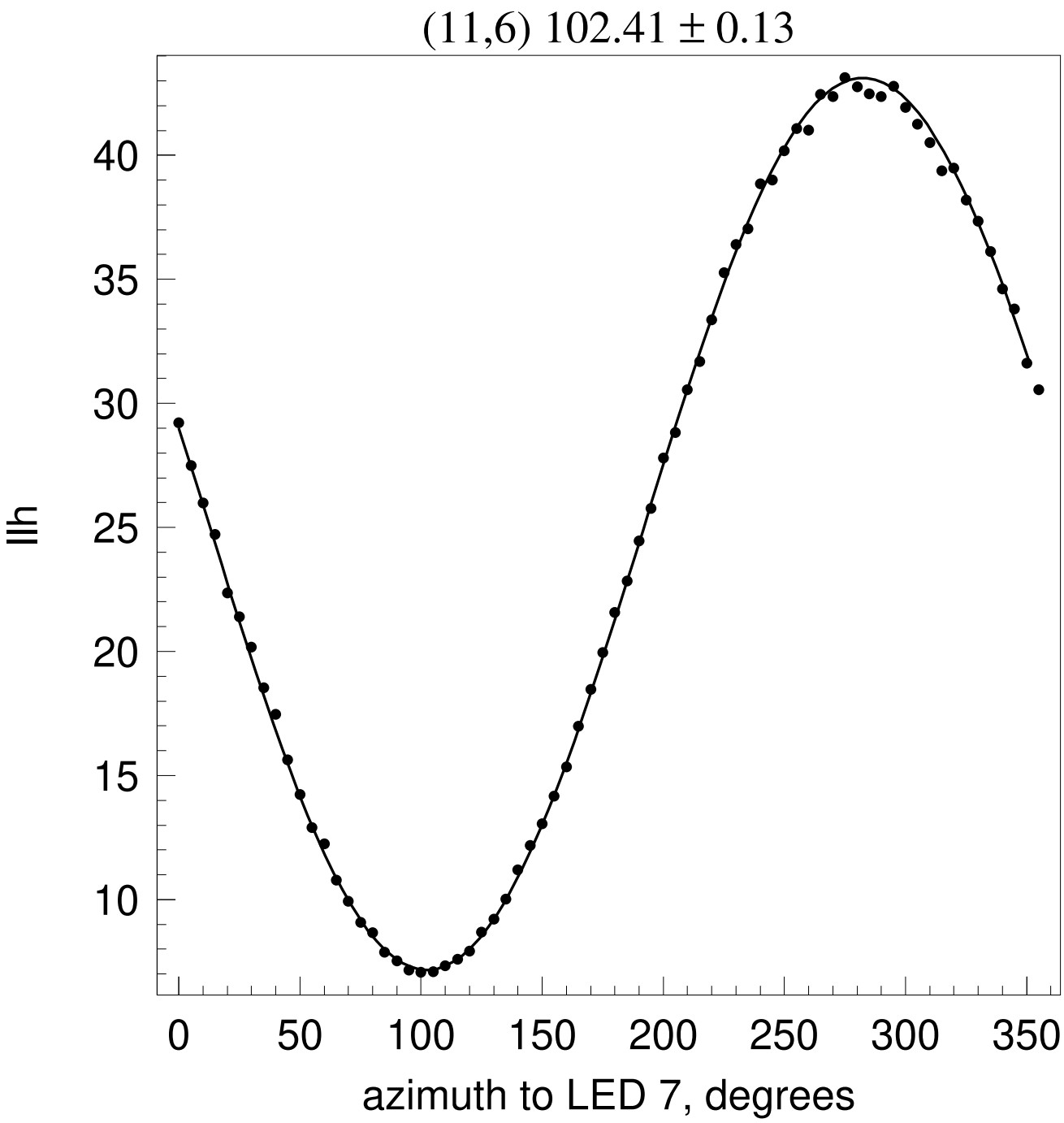

(10,59) 127.50 ± 0.70
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

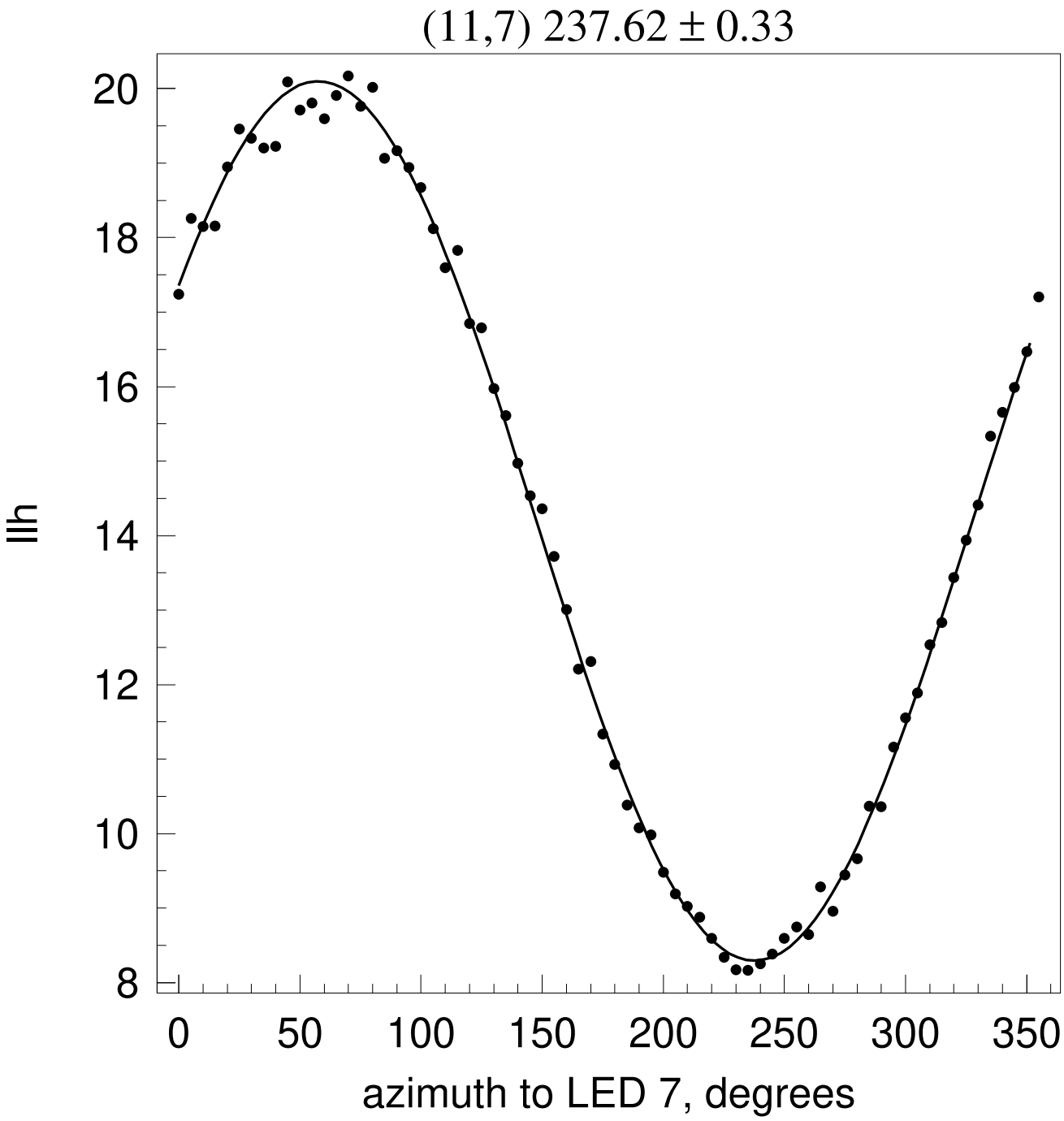

(10,60) 173.68 ± 0.78
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

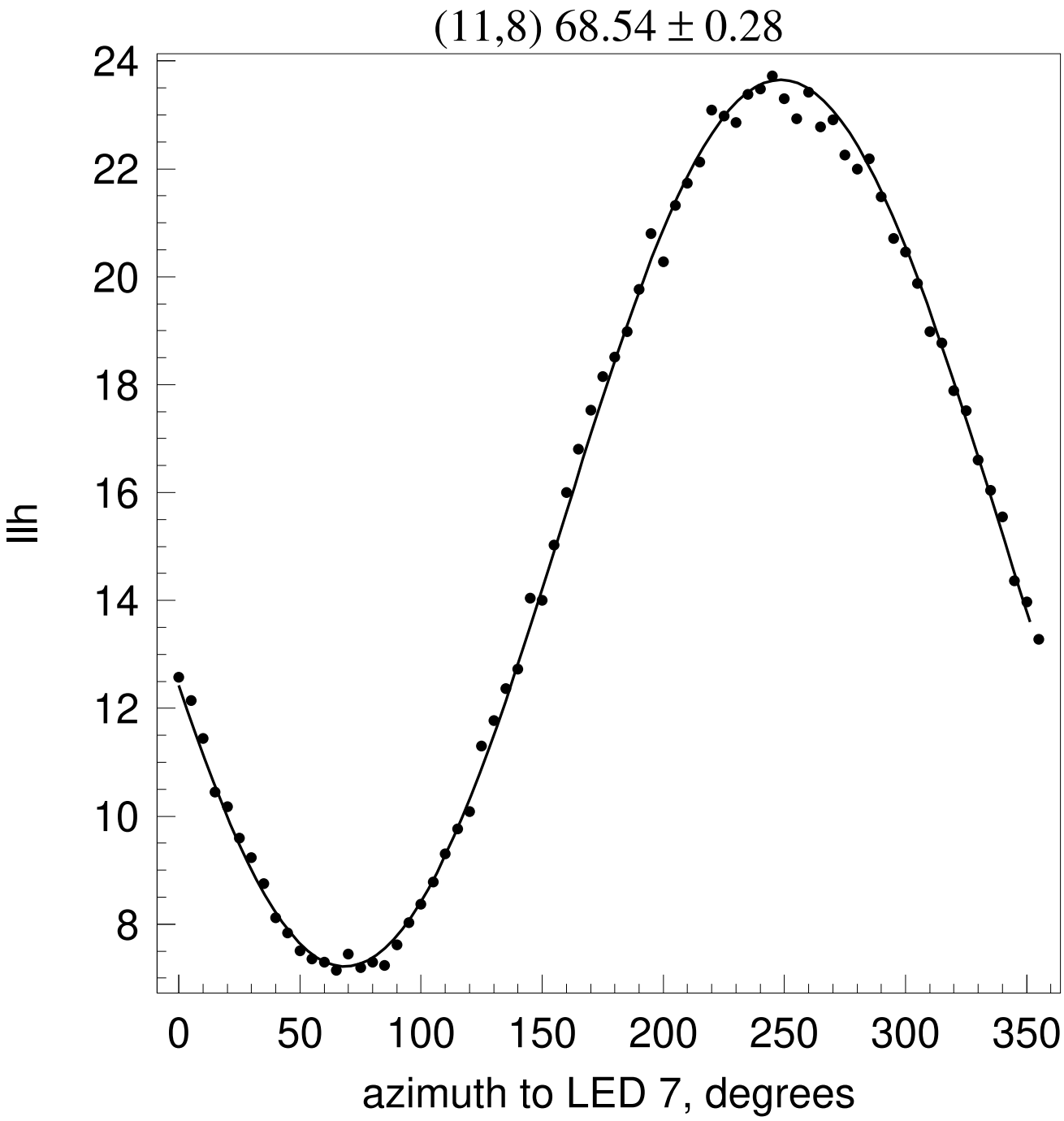

(11,3) 291.54 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

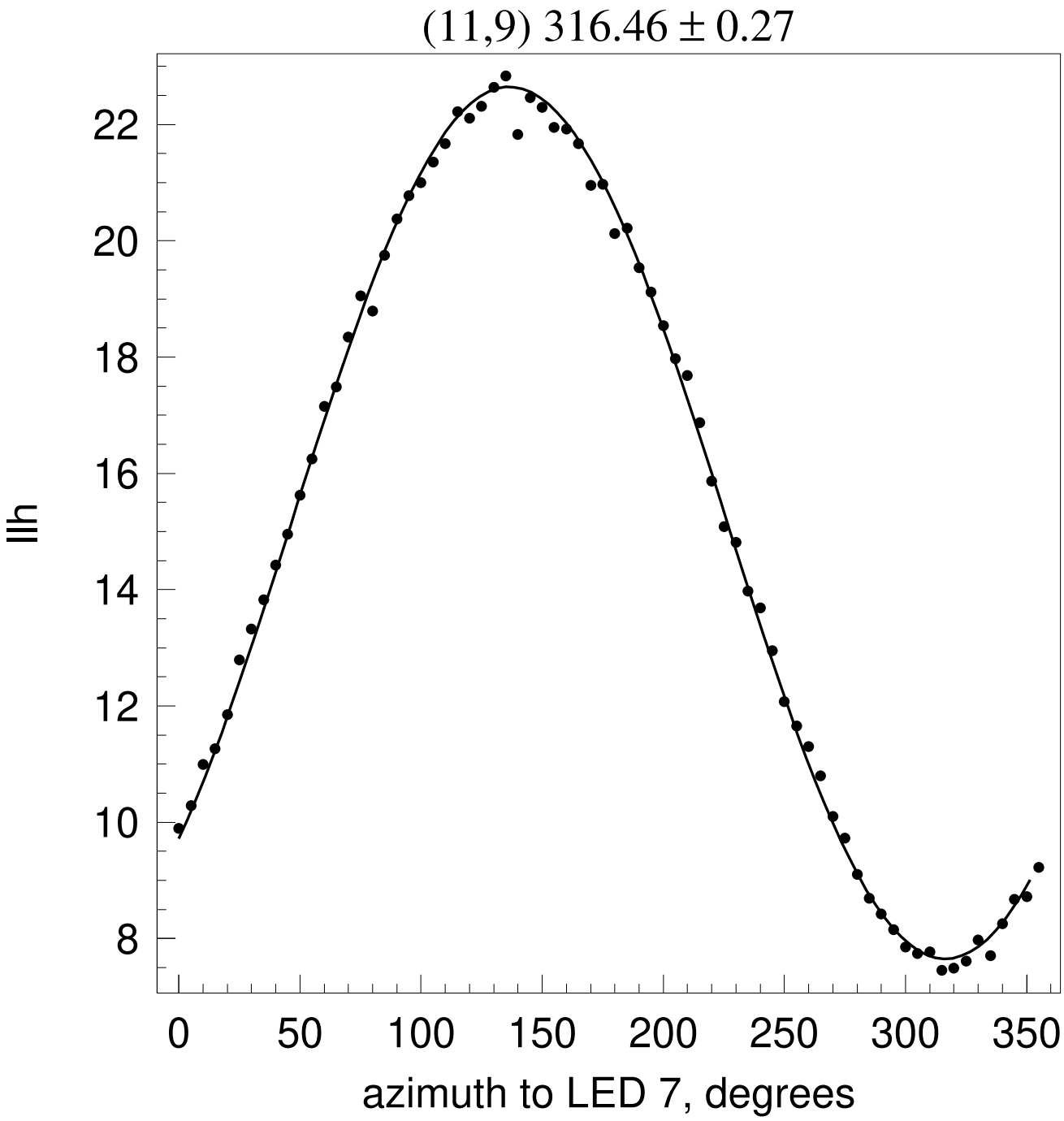

(11,4) 319.56 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

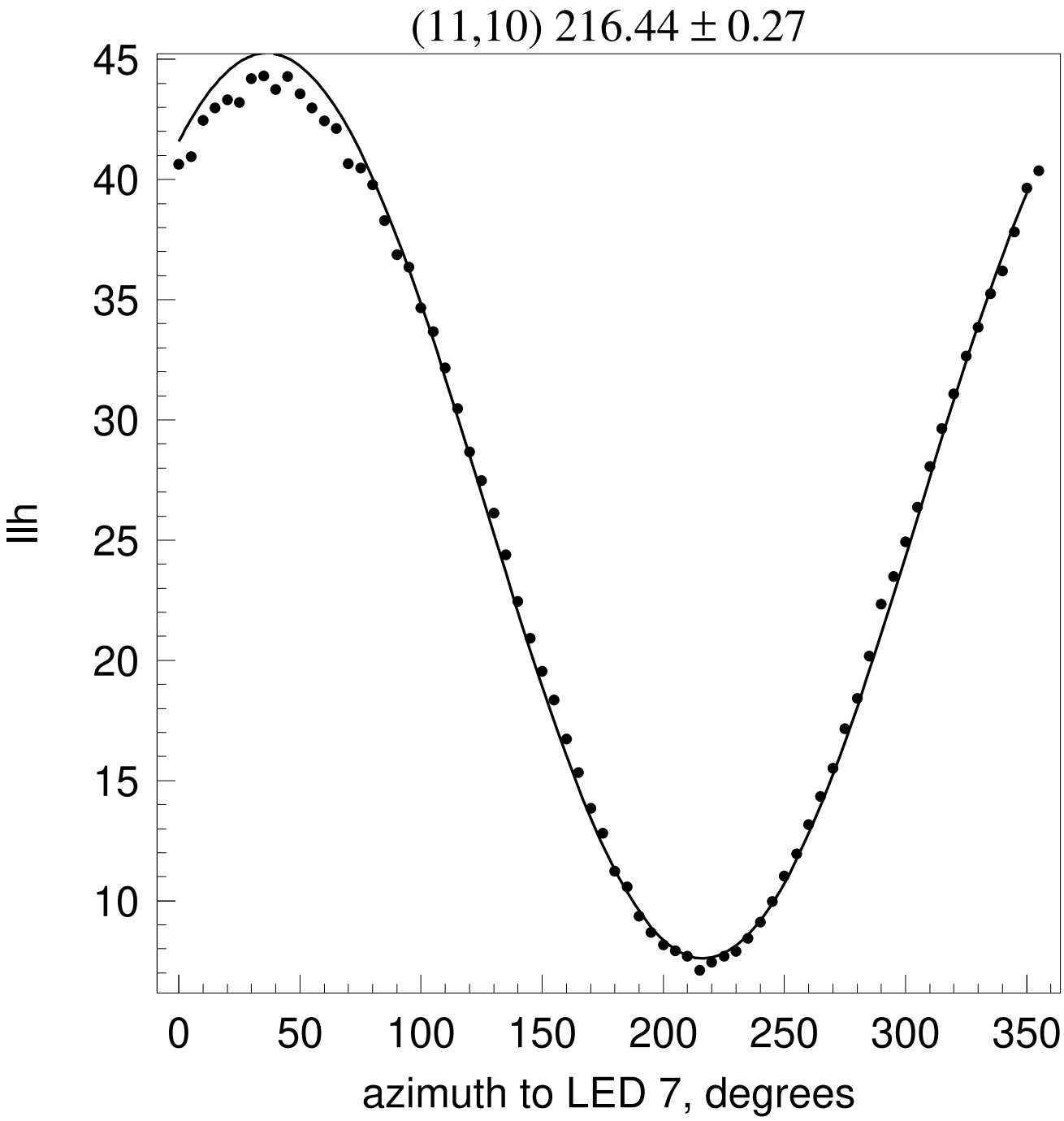

(11,5) 2.58 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

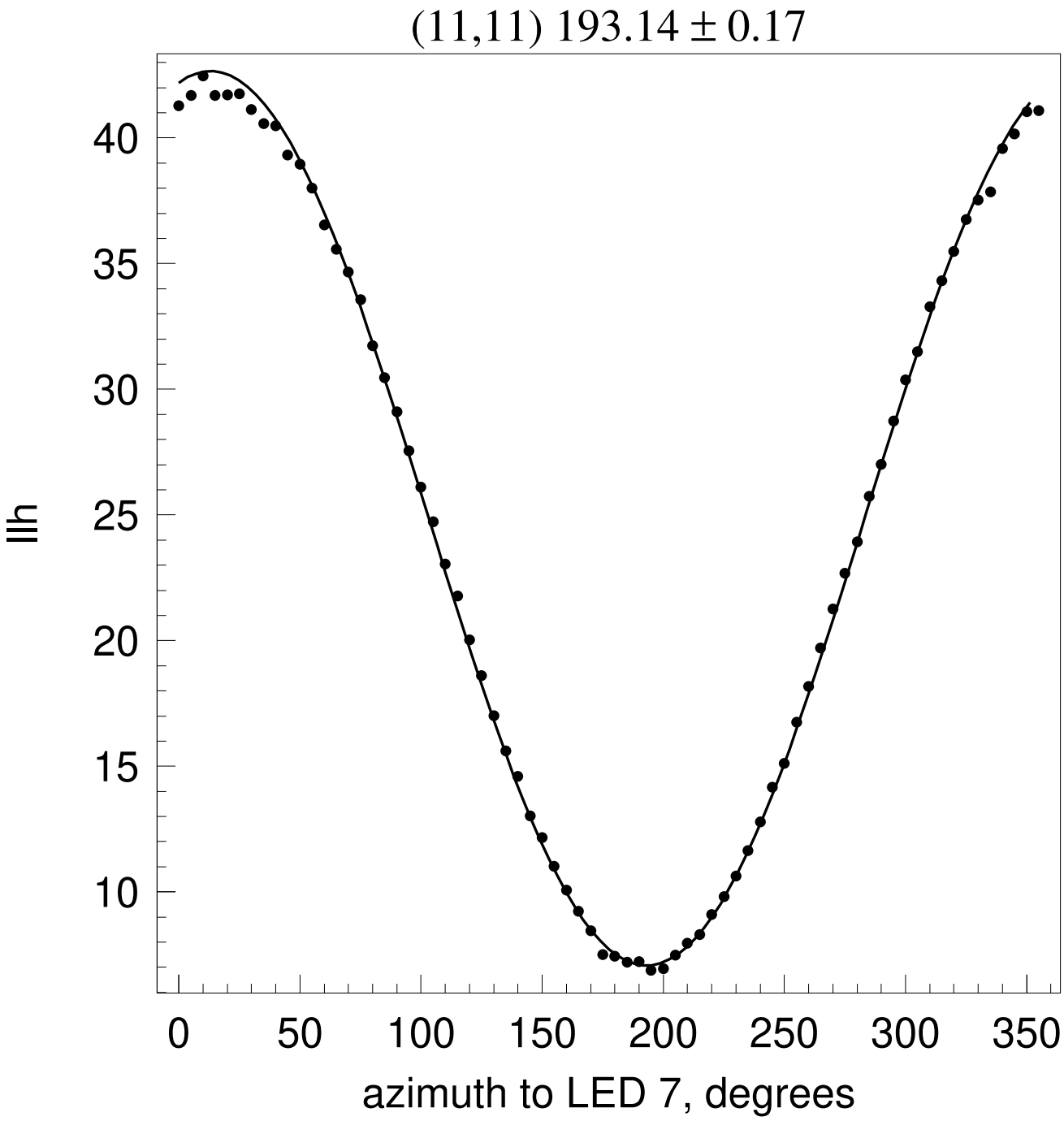

(11,6) 102.41 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

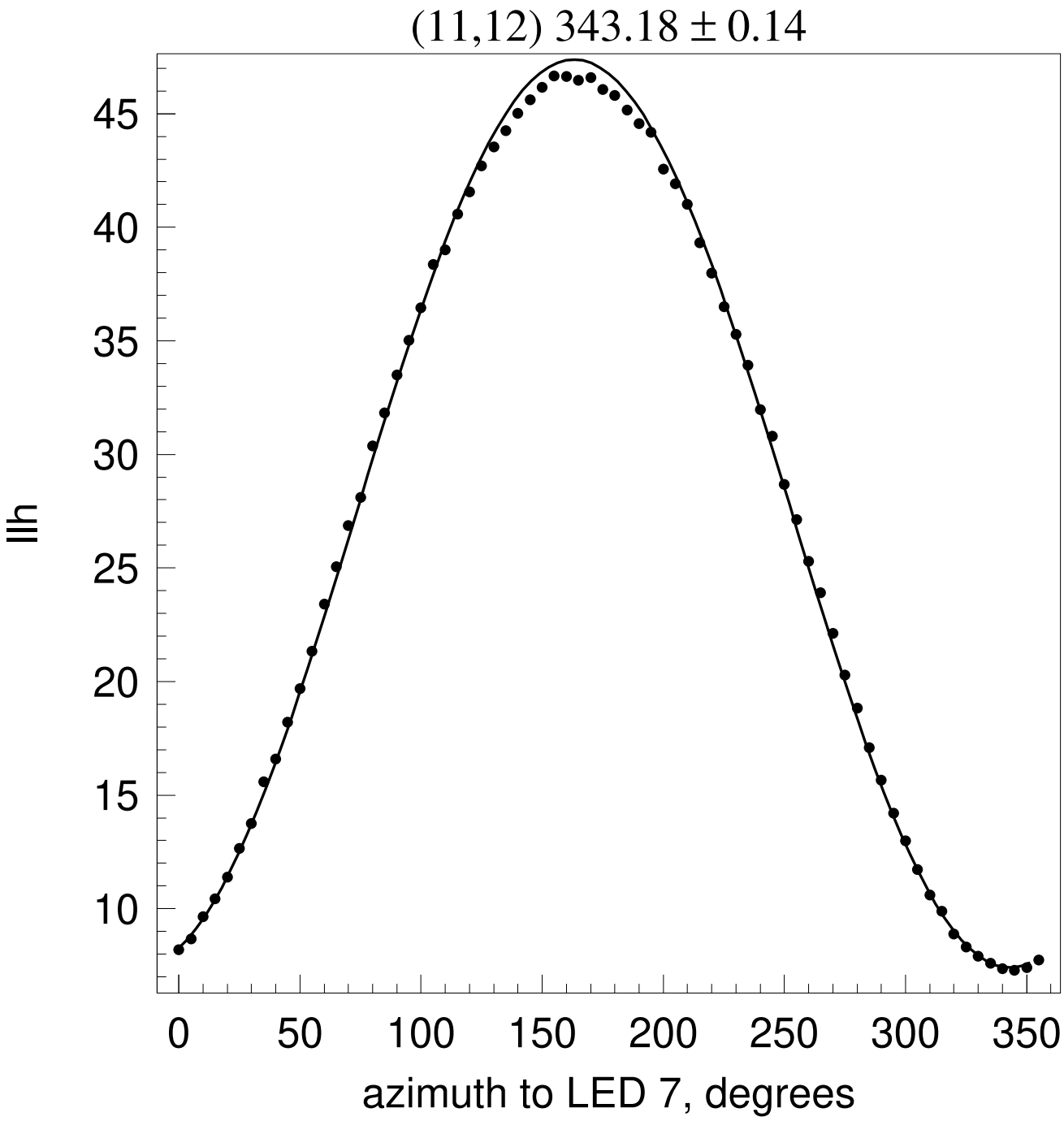

(11,7) 237.62 ± 0.33
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

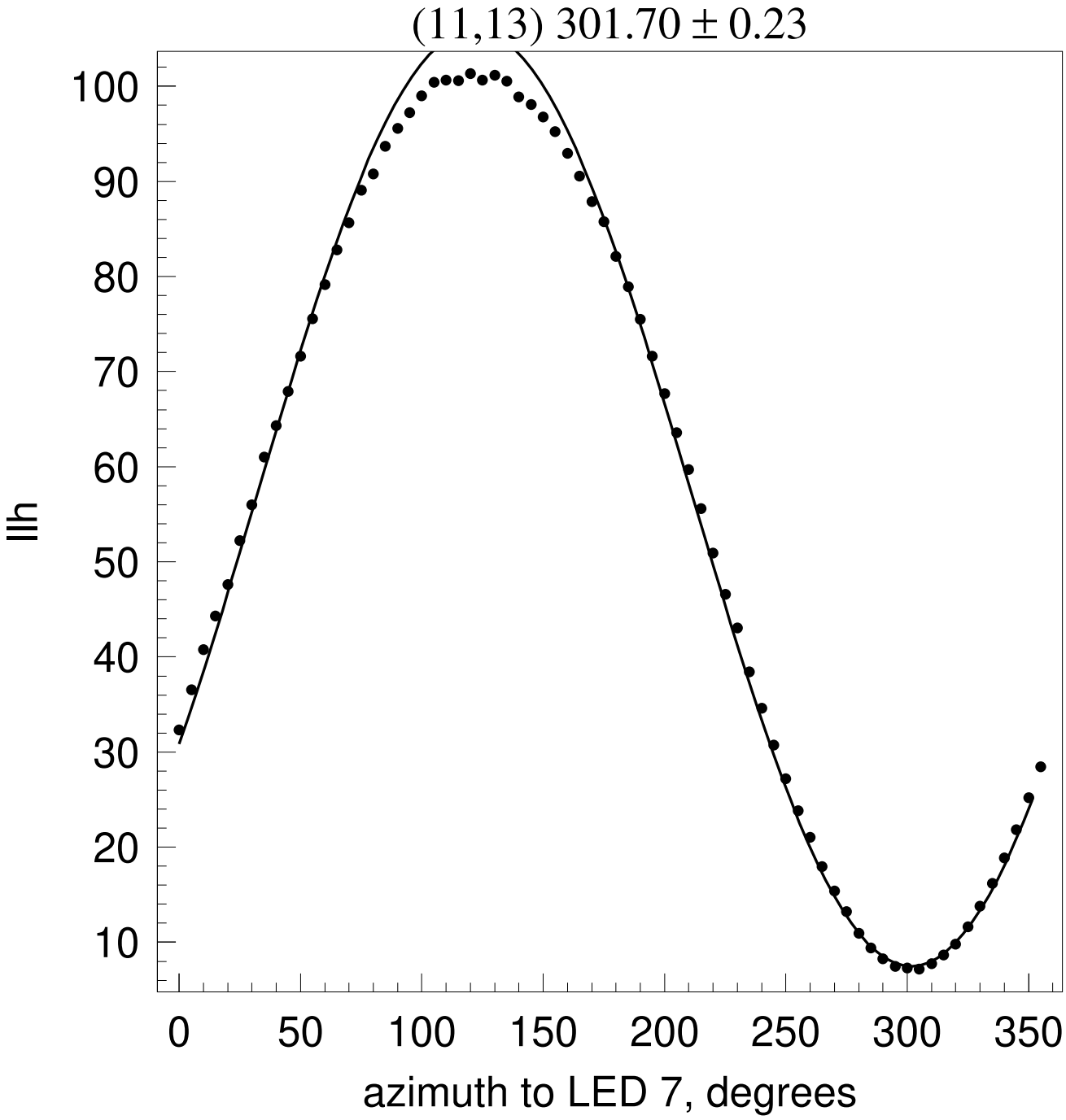

(11,8) 68.54 ± 0.28
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

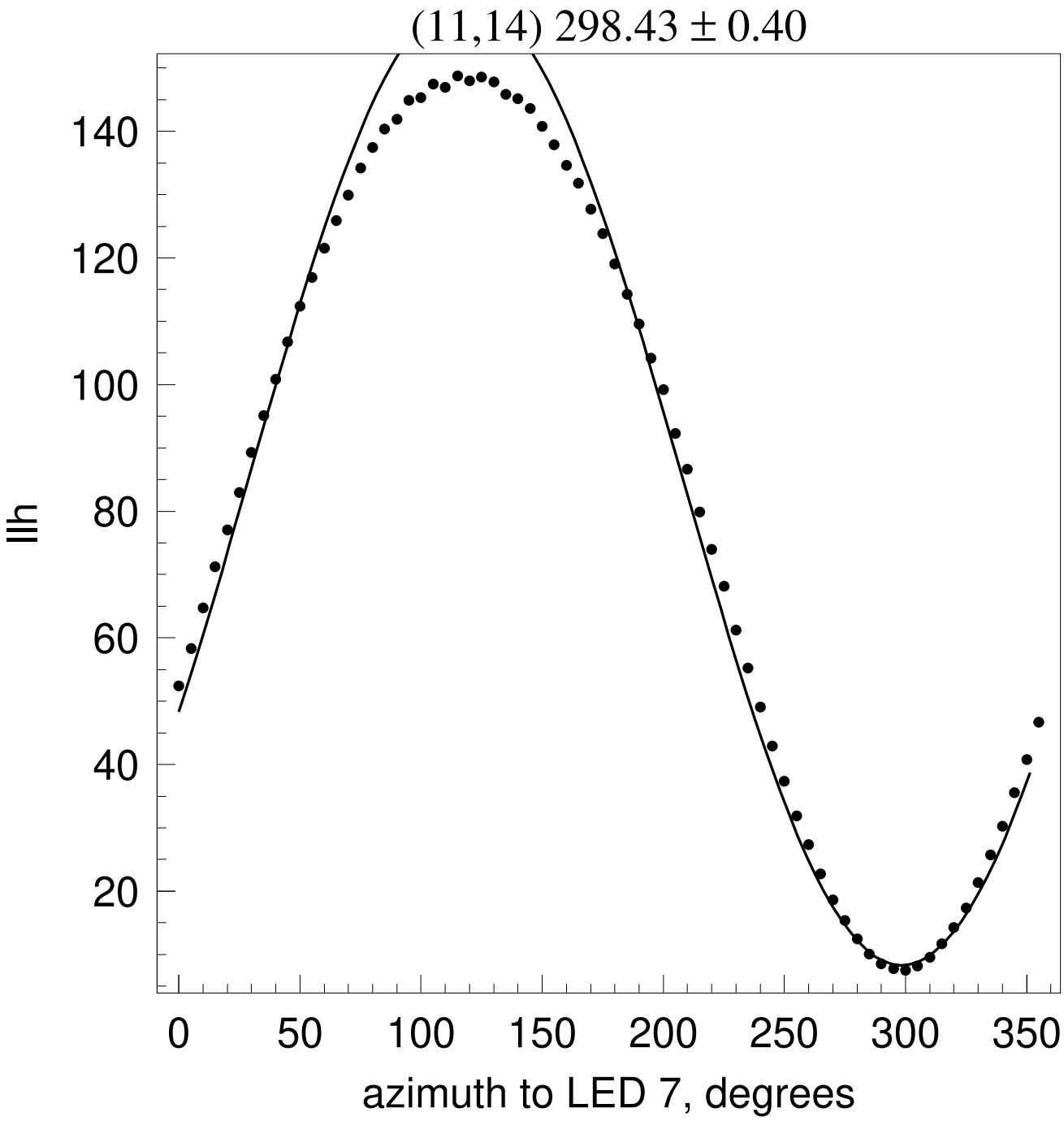

(11,9) 316.46 ± 0.27
IIh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

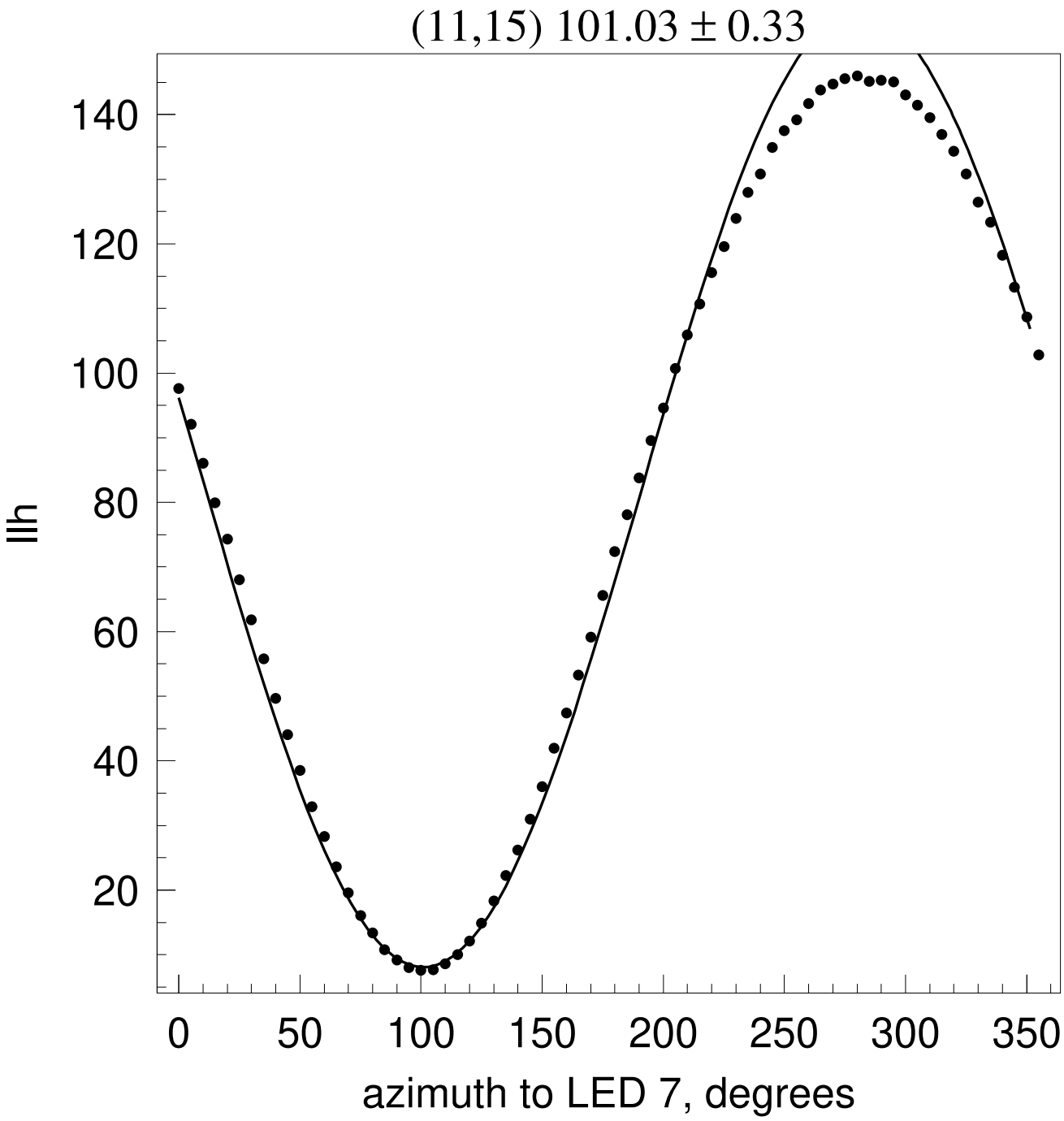

(11,10) 216.44 ± 0.27
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

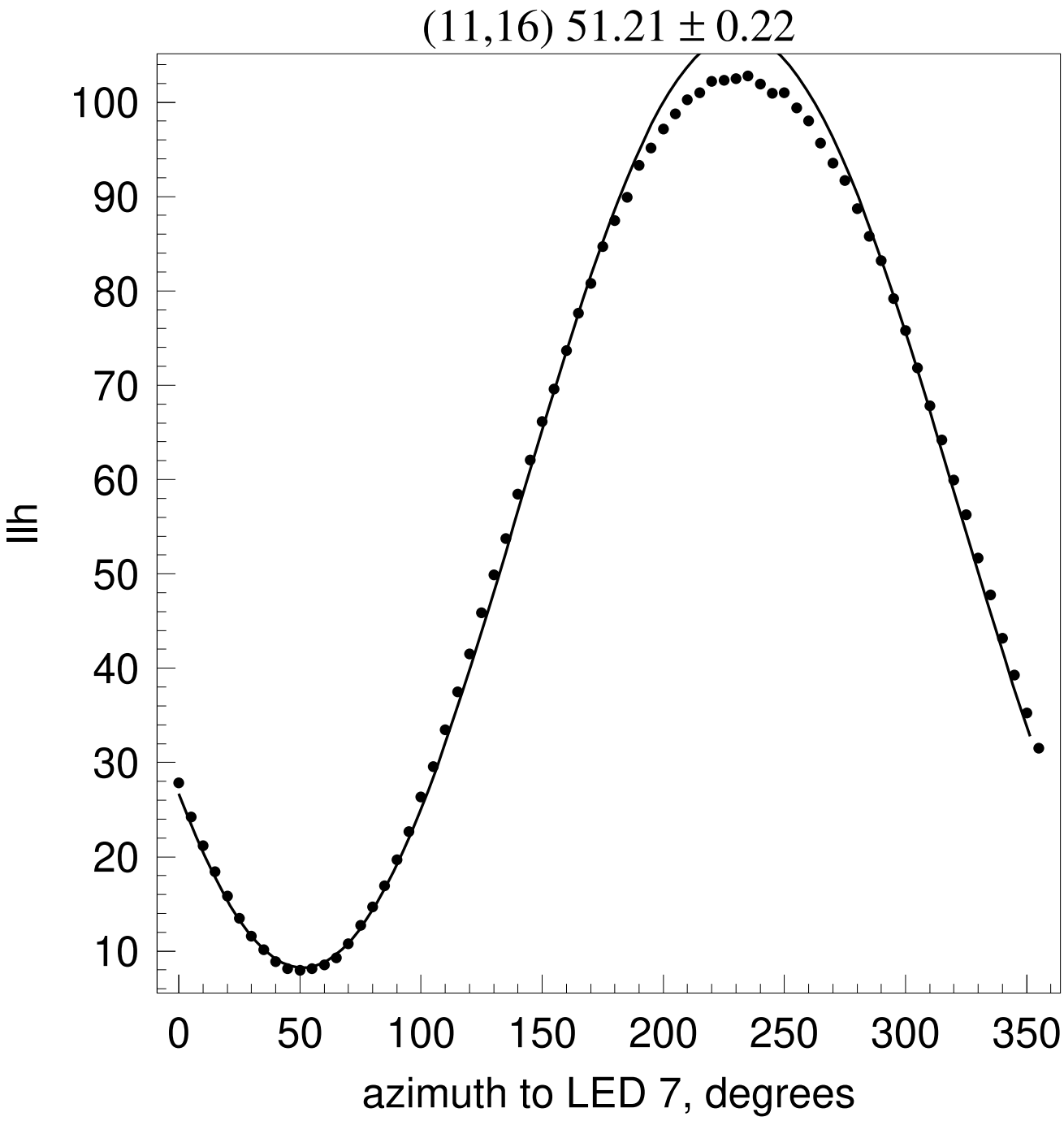

(11,11) 193.14 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

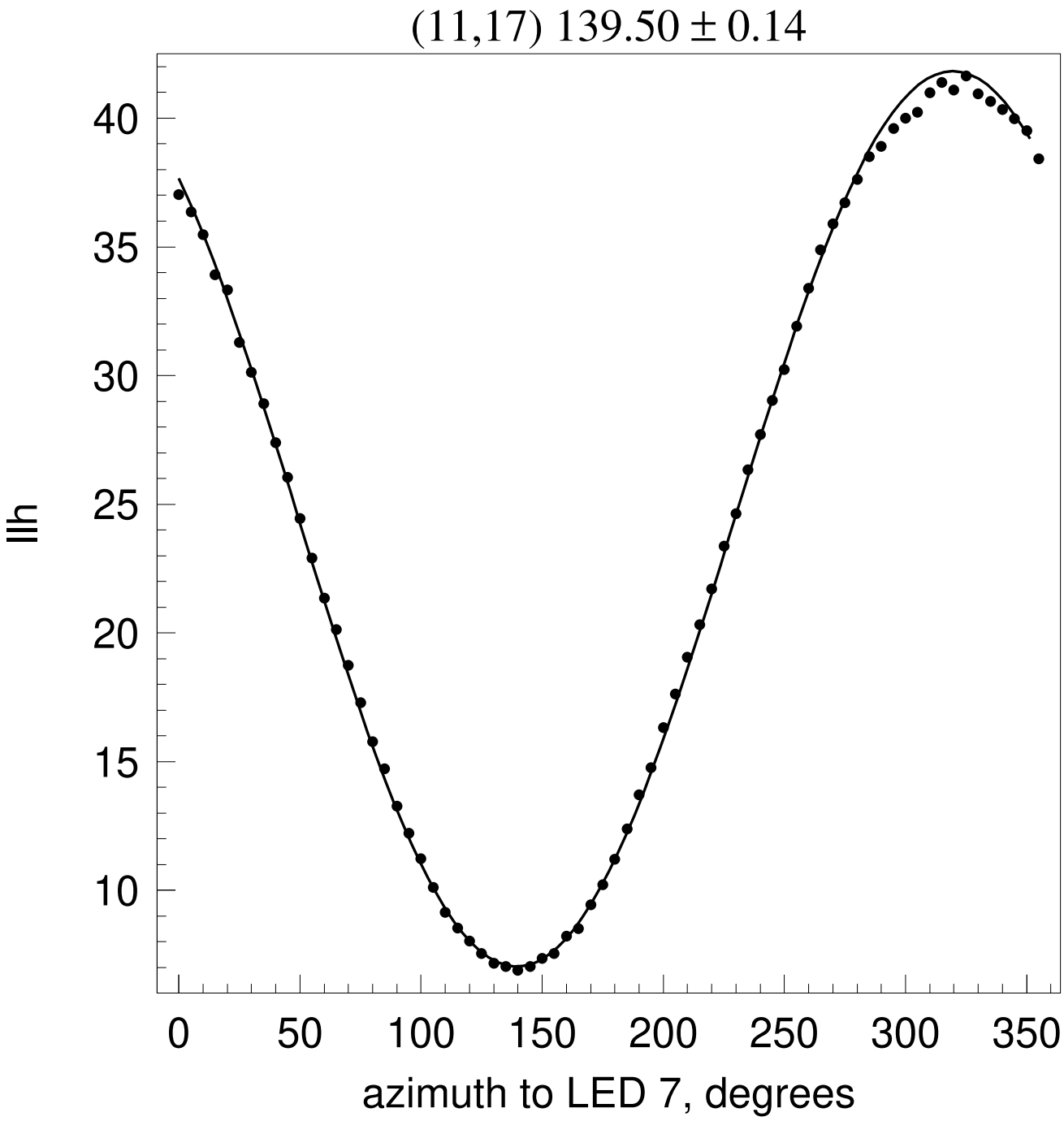

(11,12) 343.18 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

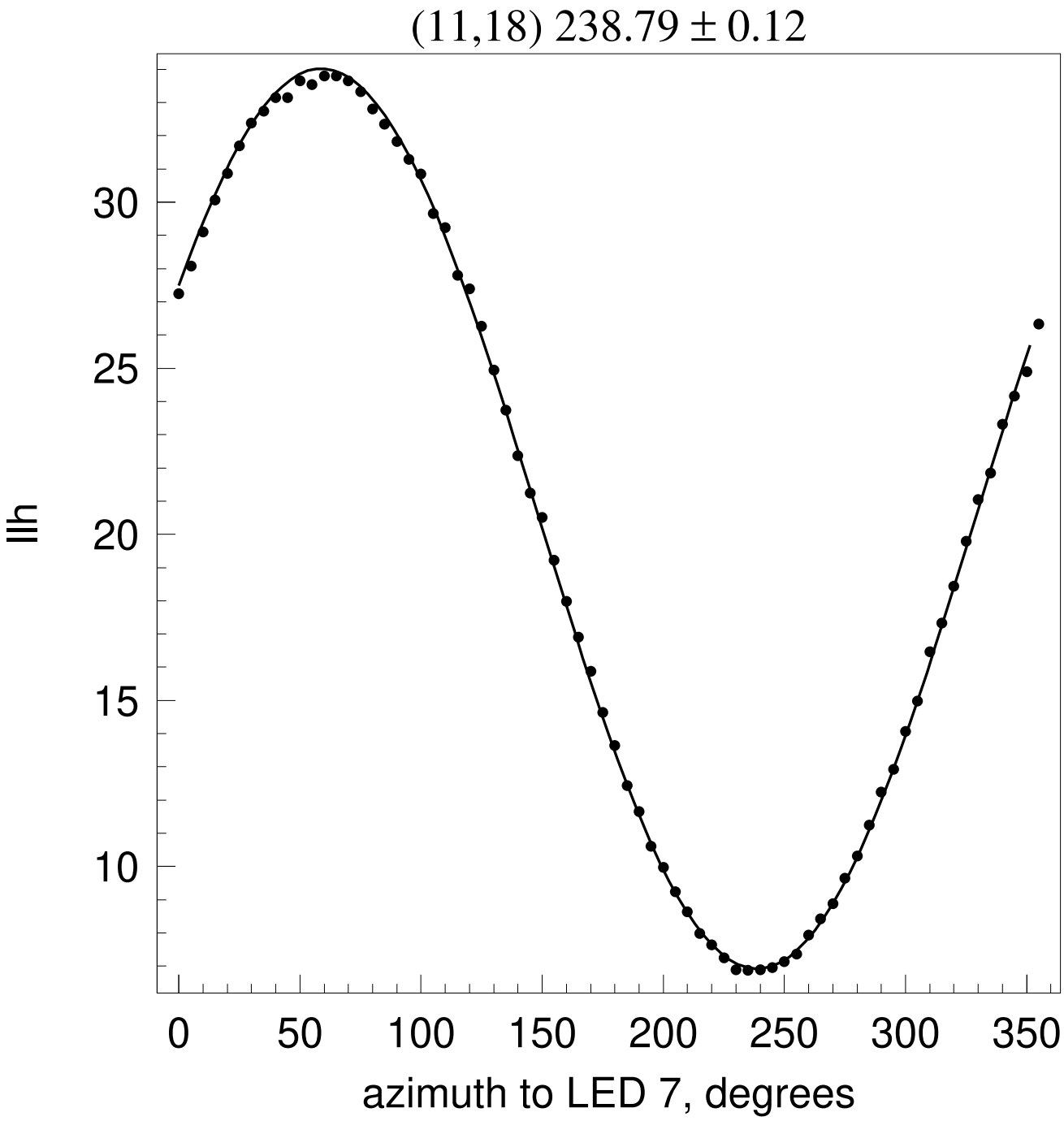

(11,13) 301.70 ± 0.23
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

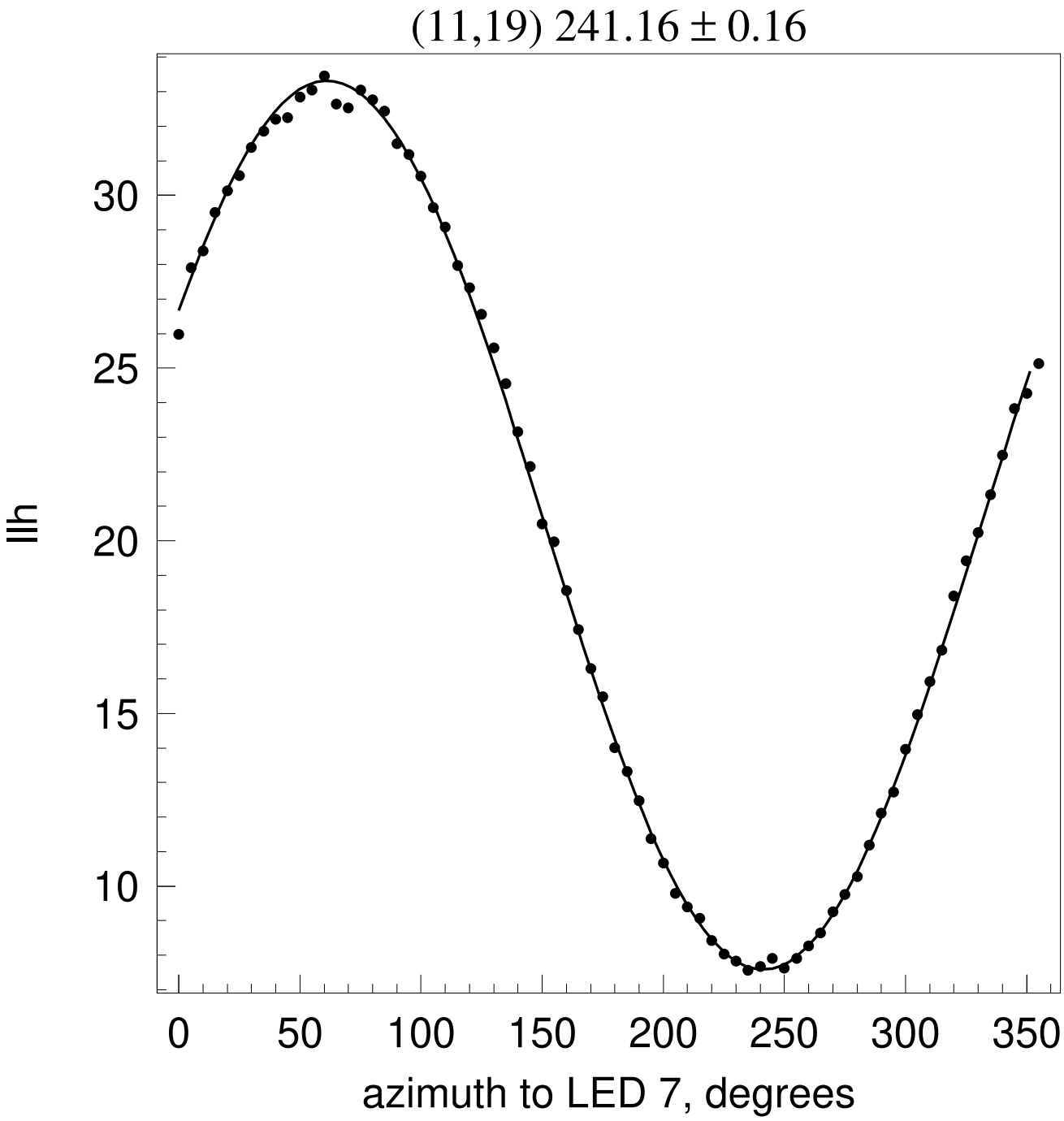

(11,14) 298.43 ± 0.40
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

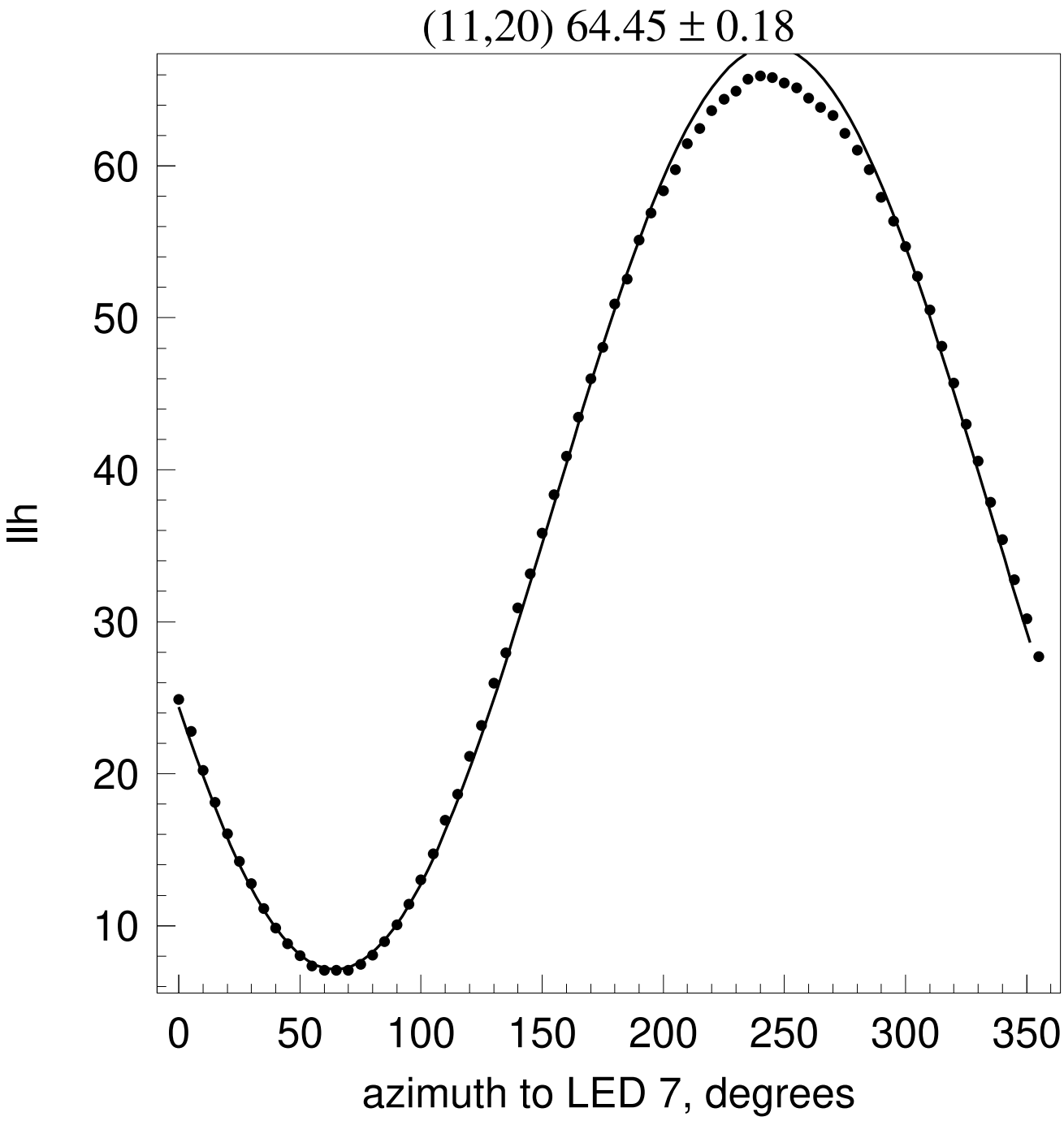

(11,15) 101.03 ± 0.33
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

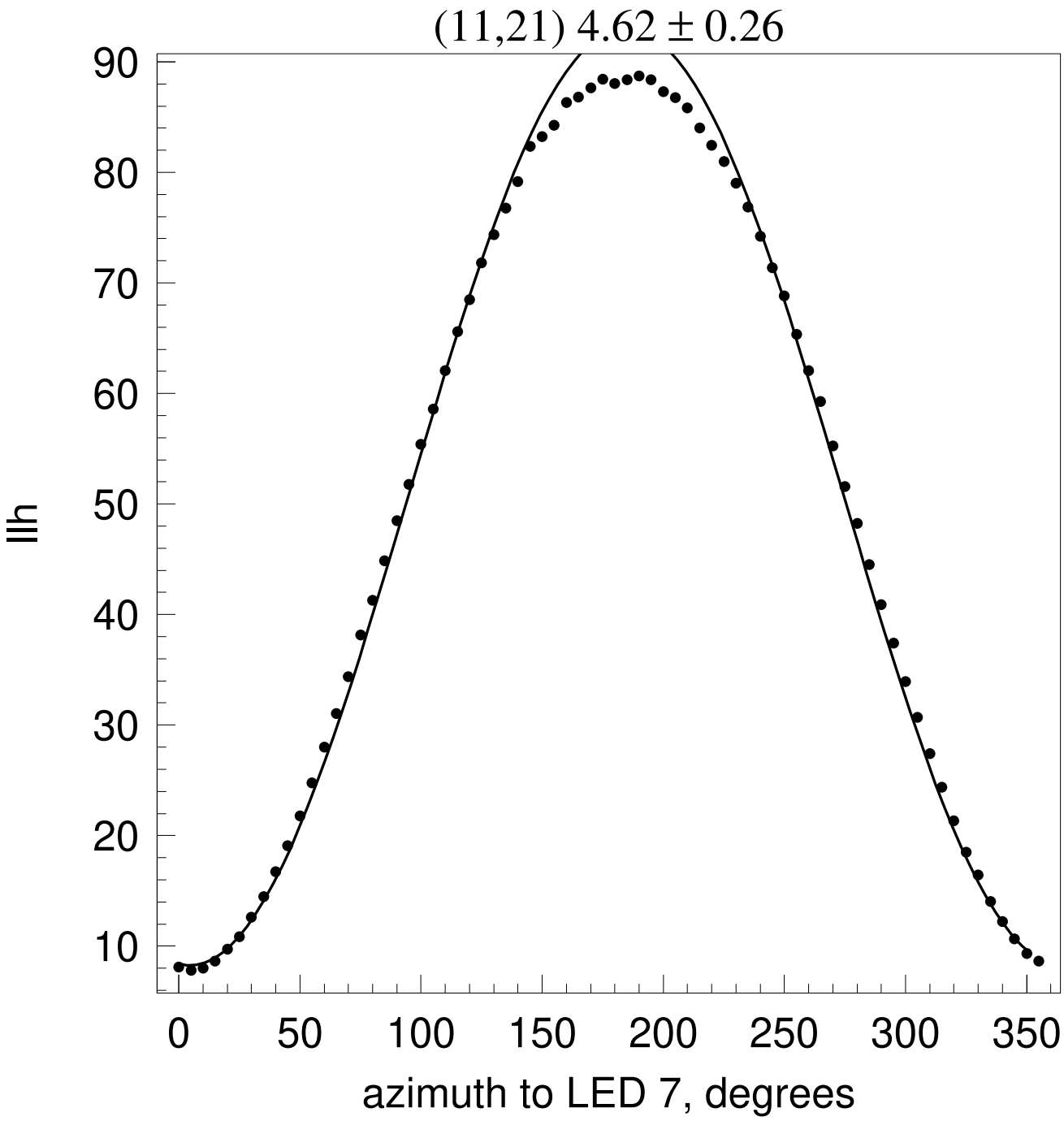

(11,16) 51.21 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

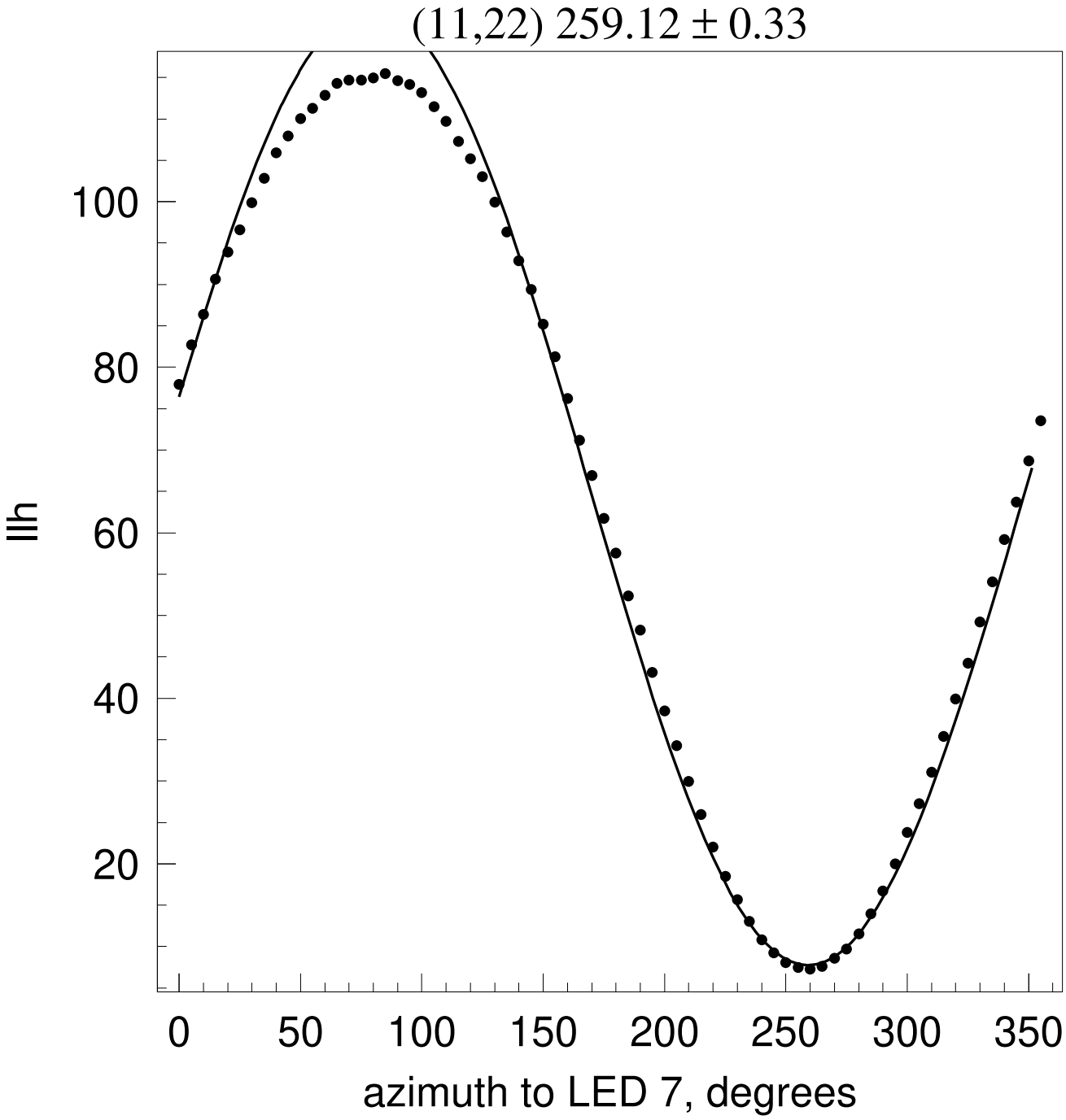

(11,17) 139.50 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

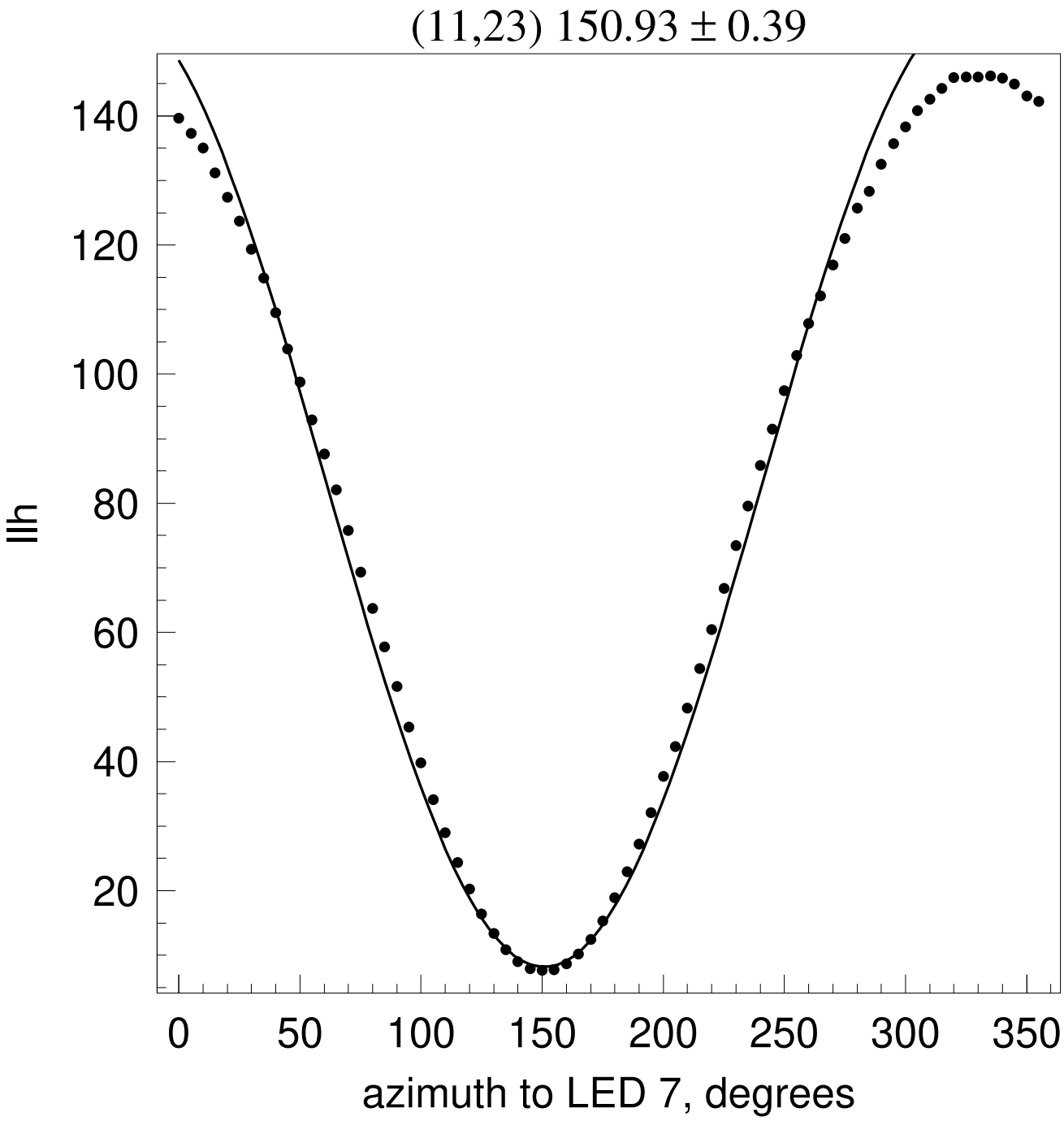

(11,18) 238.79 ± 0.12
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

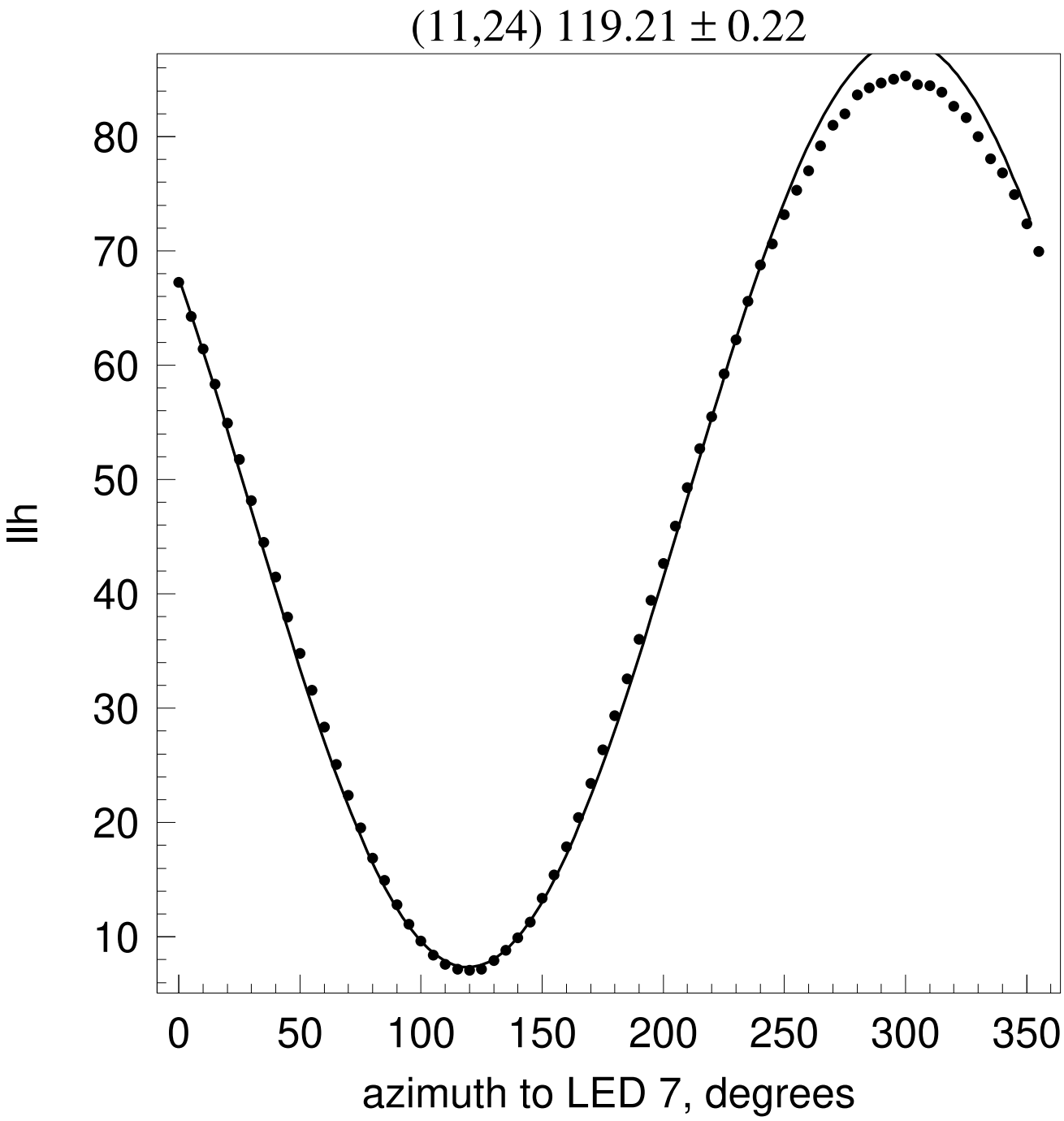

(11,19) 241.16 ± 0.16
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

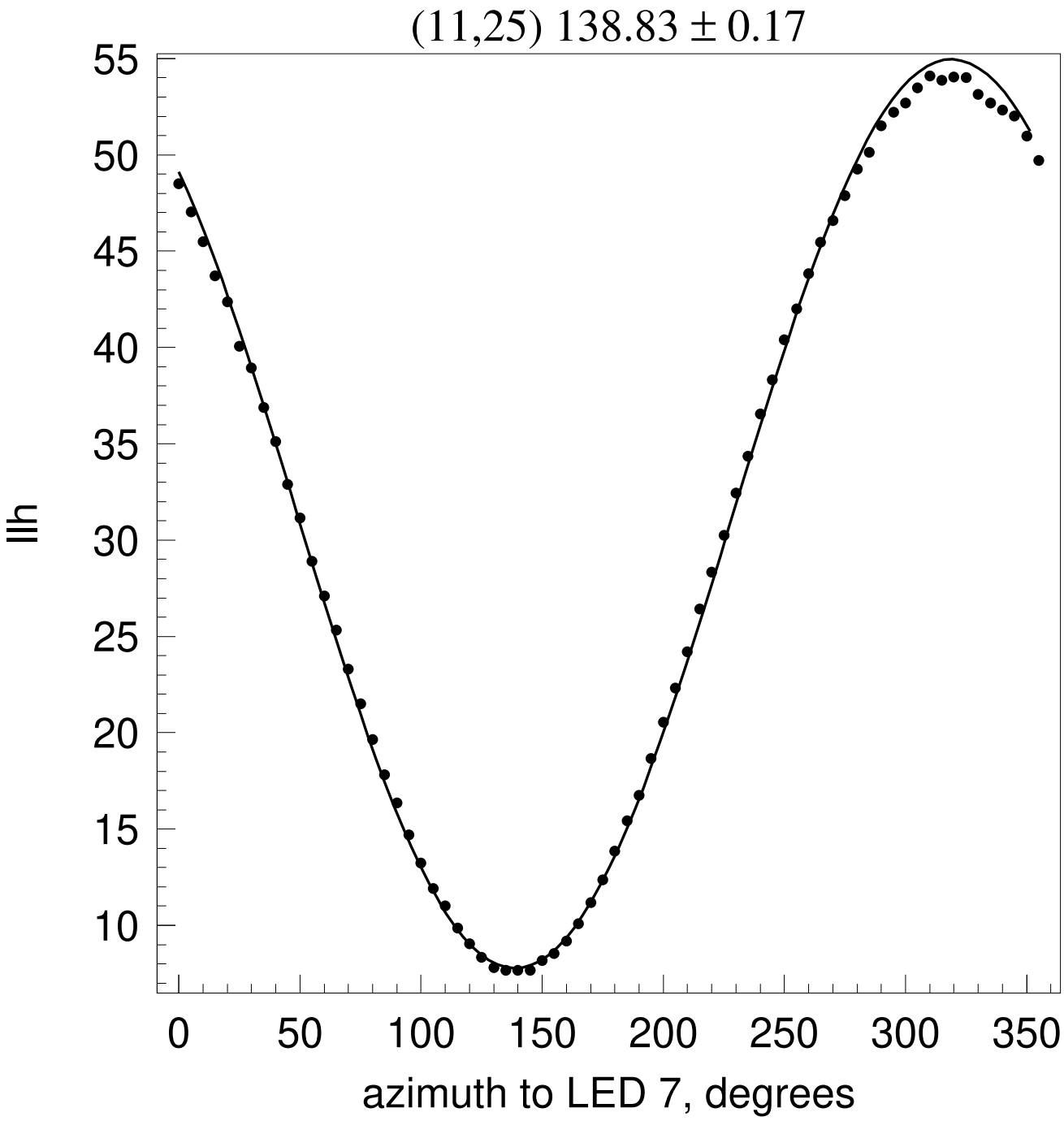

(11,20) 64.45 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

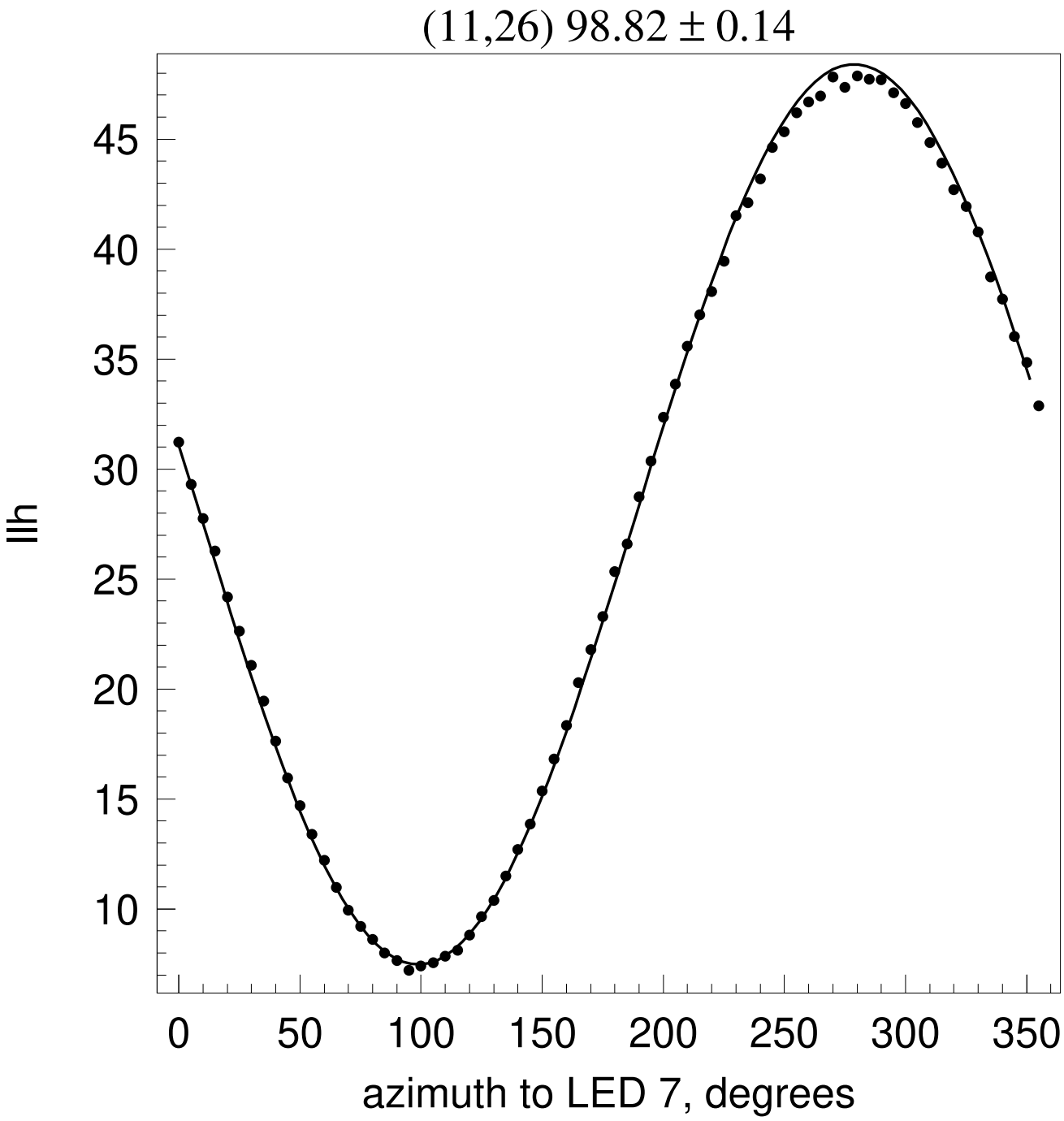

(11,21) 4.62 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

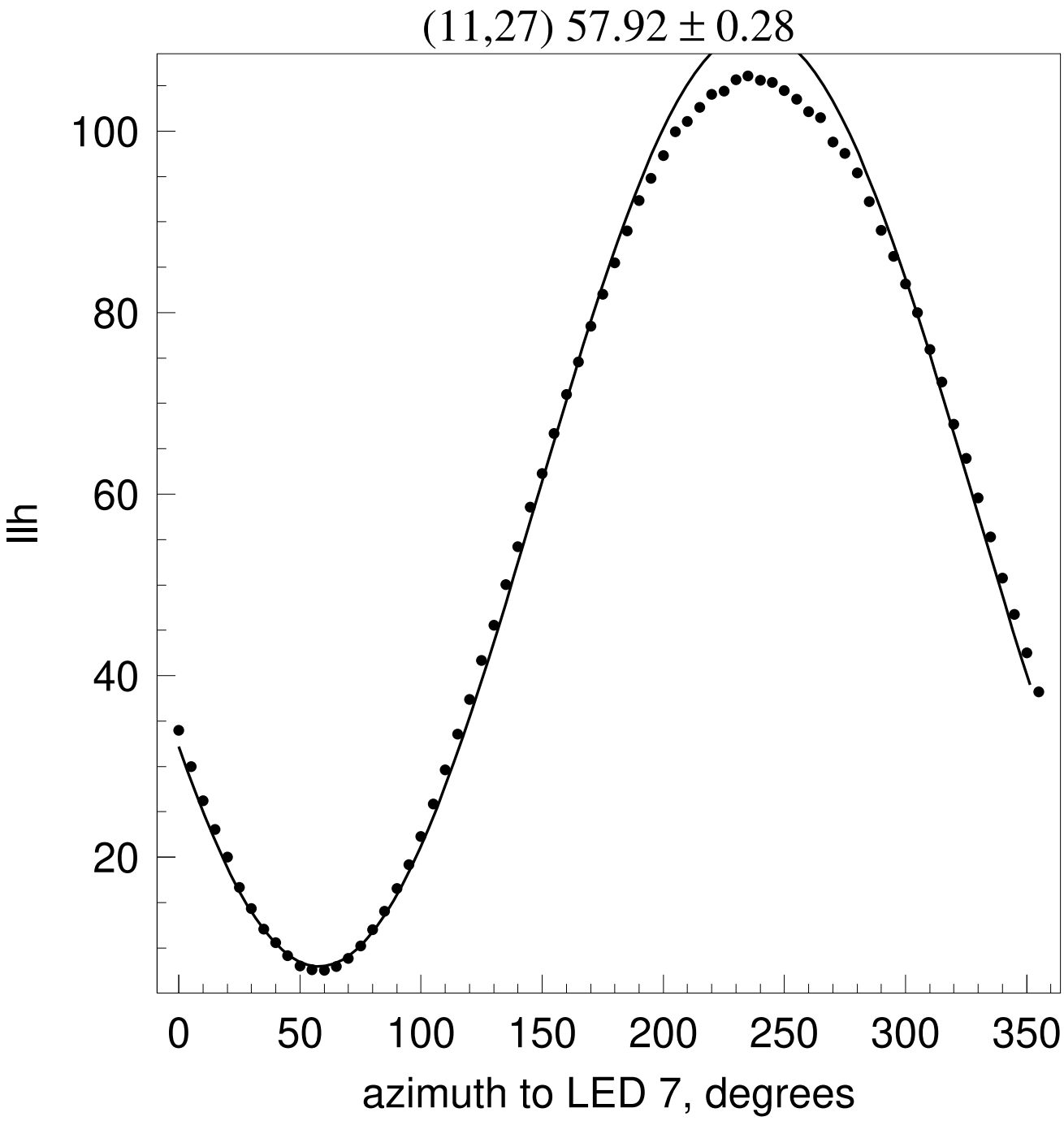

(11,22) 259.12 ± 0.33
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

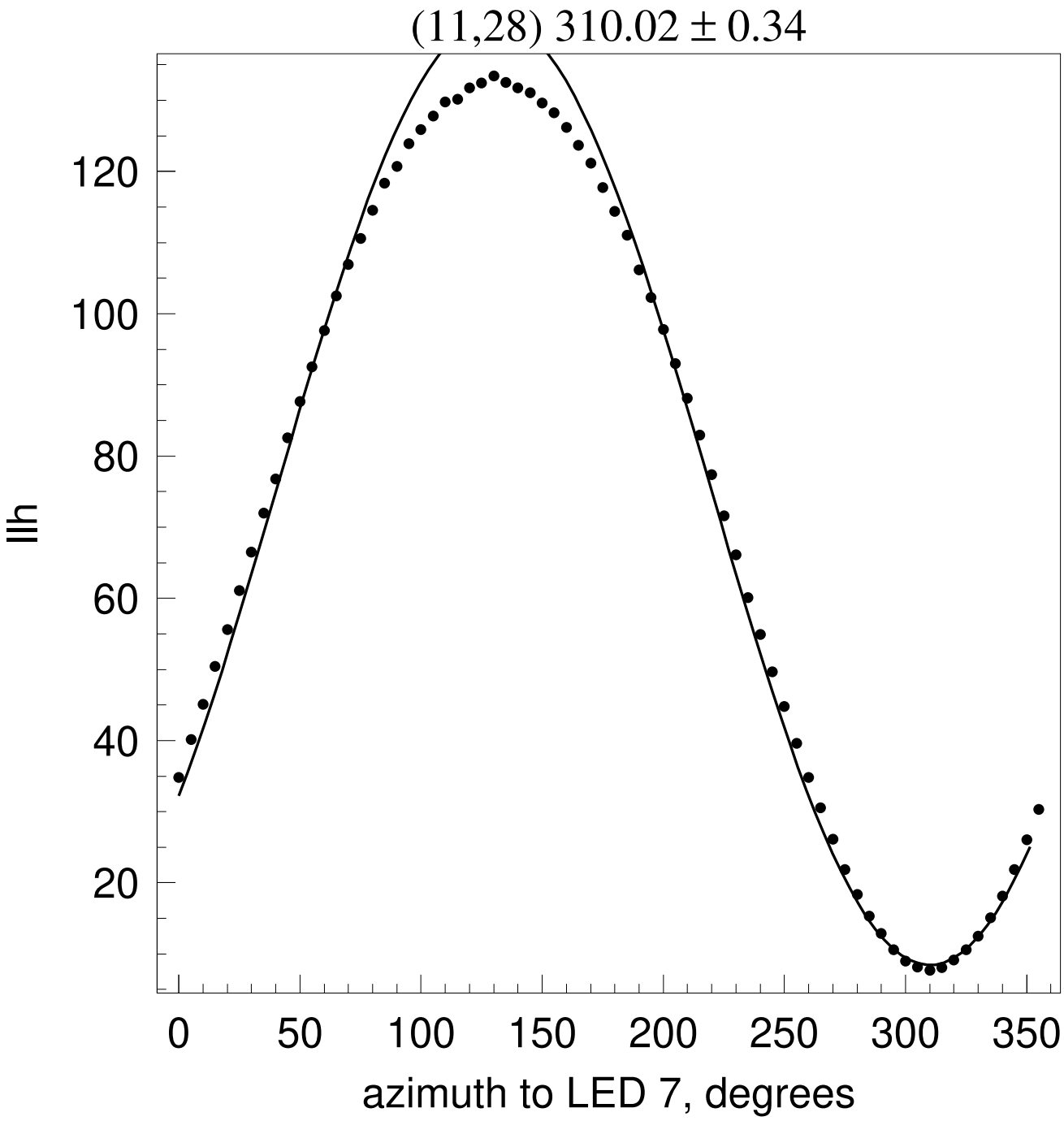

(11,23) 150.93 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

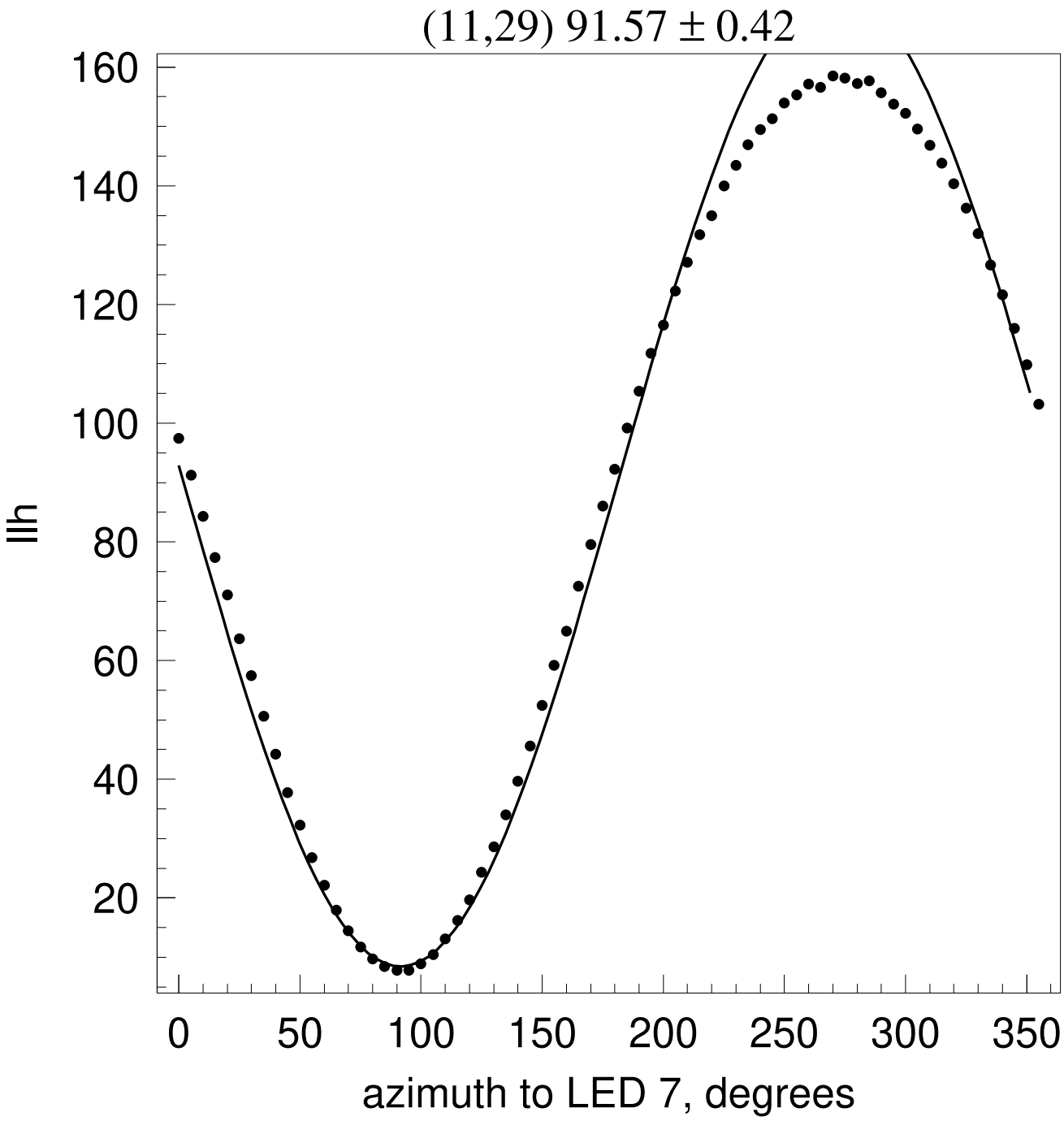

(11,24) 119.21 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

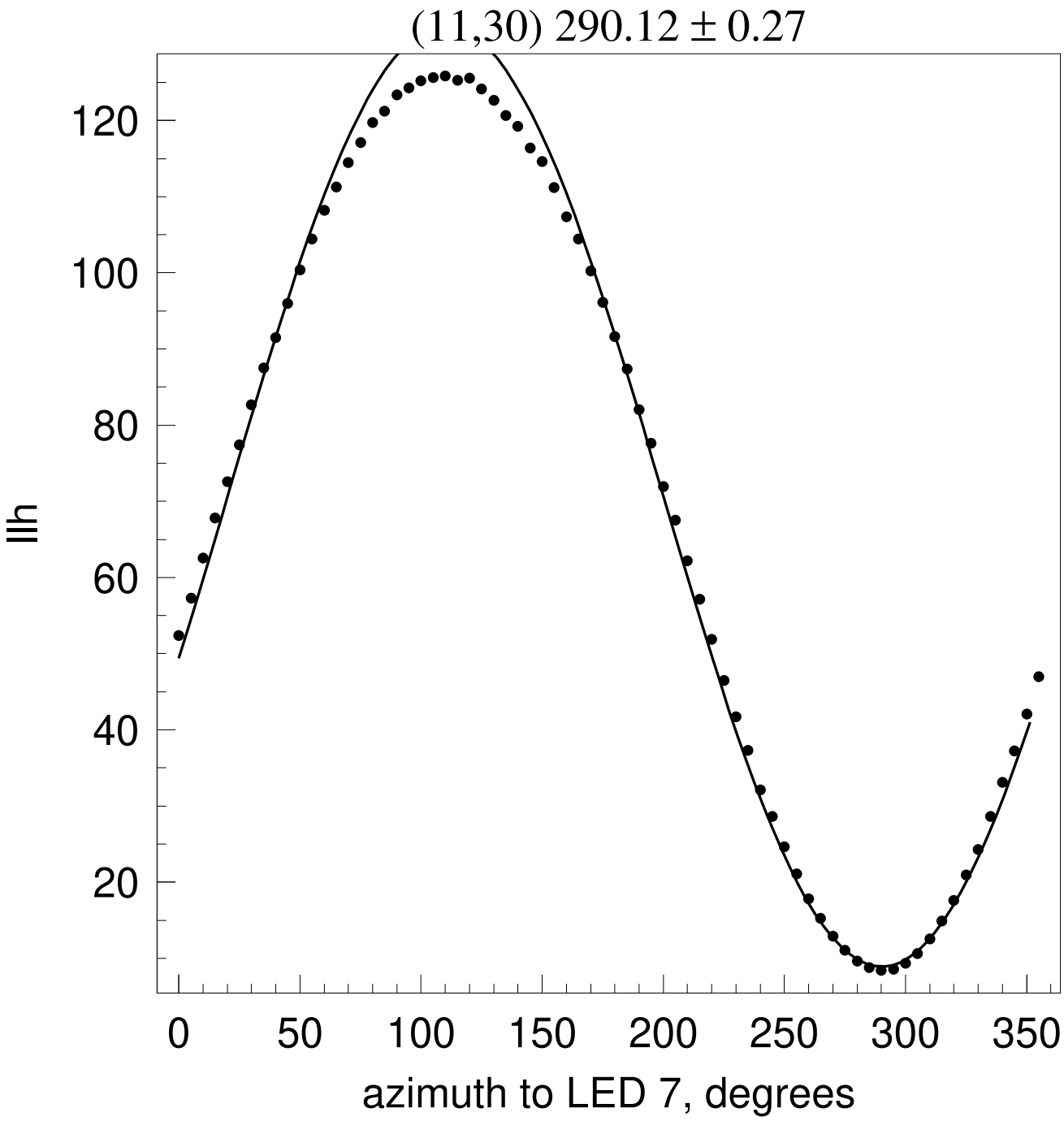

(11,25) 138.83 ± 0.17
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

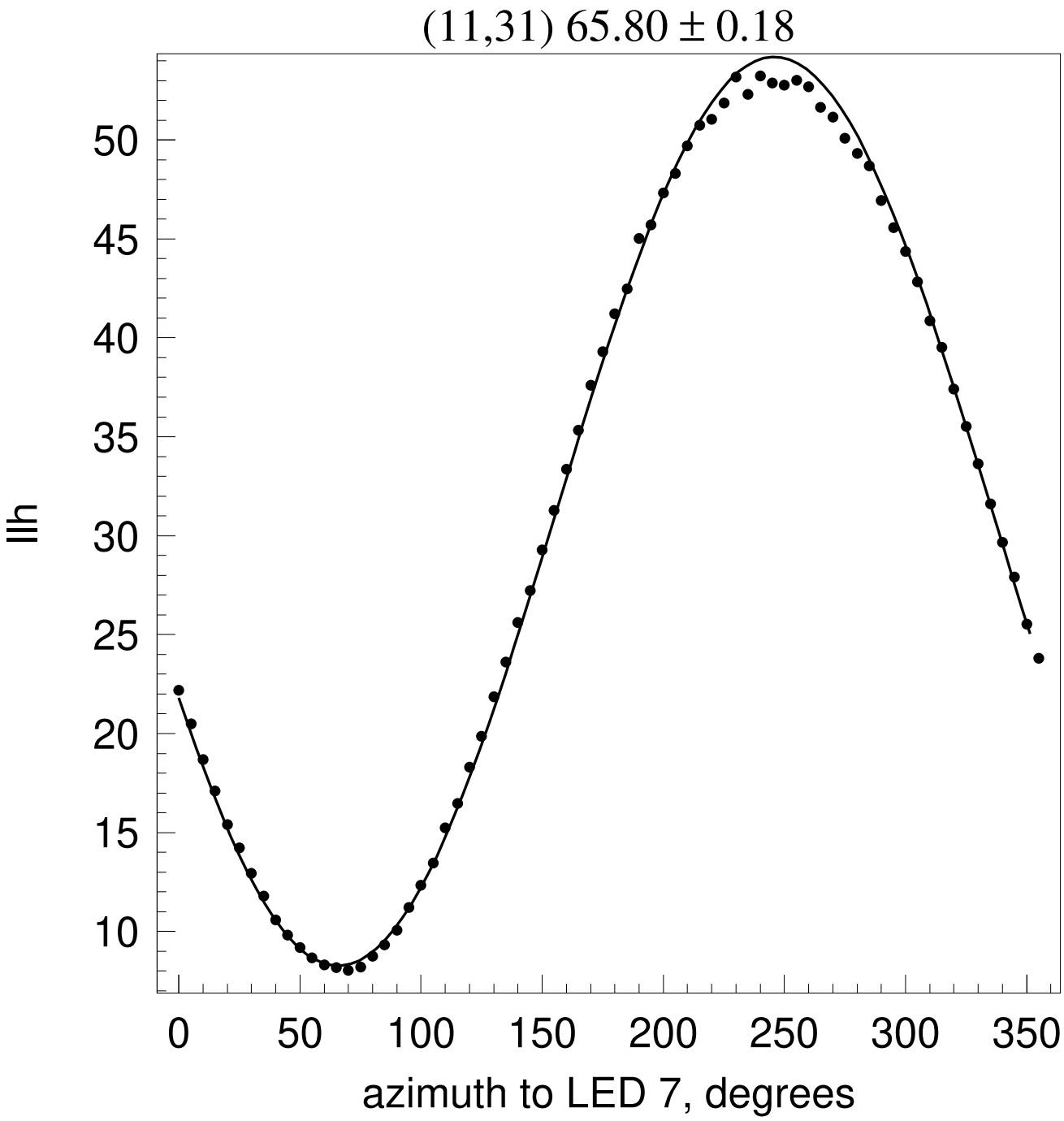

(11,26) 98.82 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

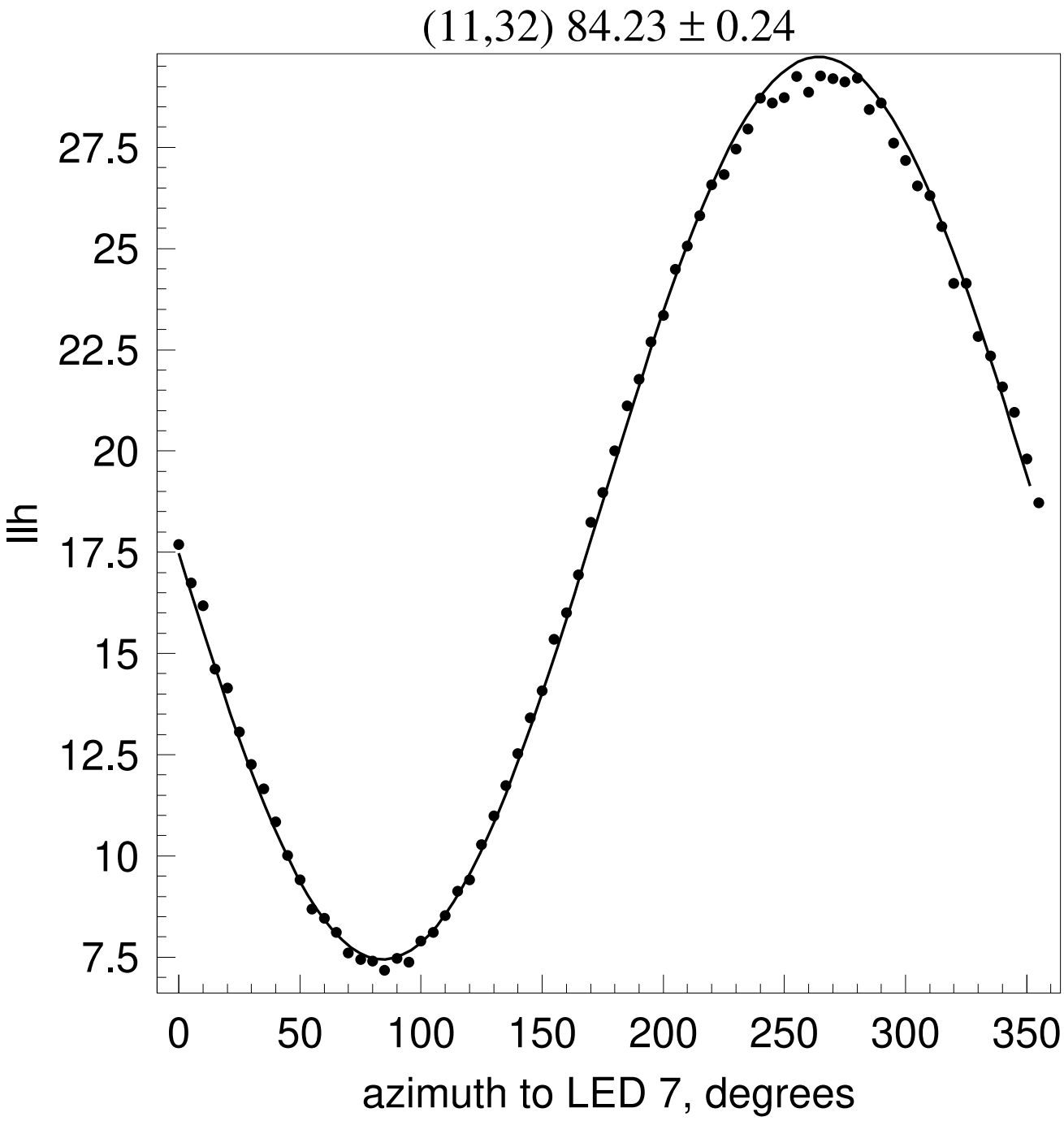

(11,27) 57.92 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

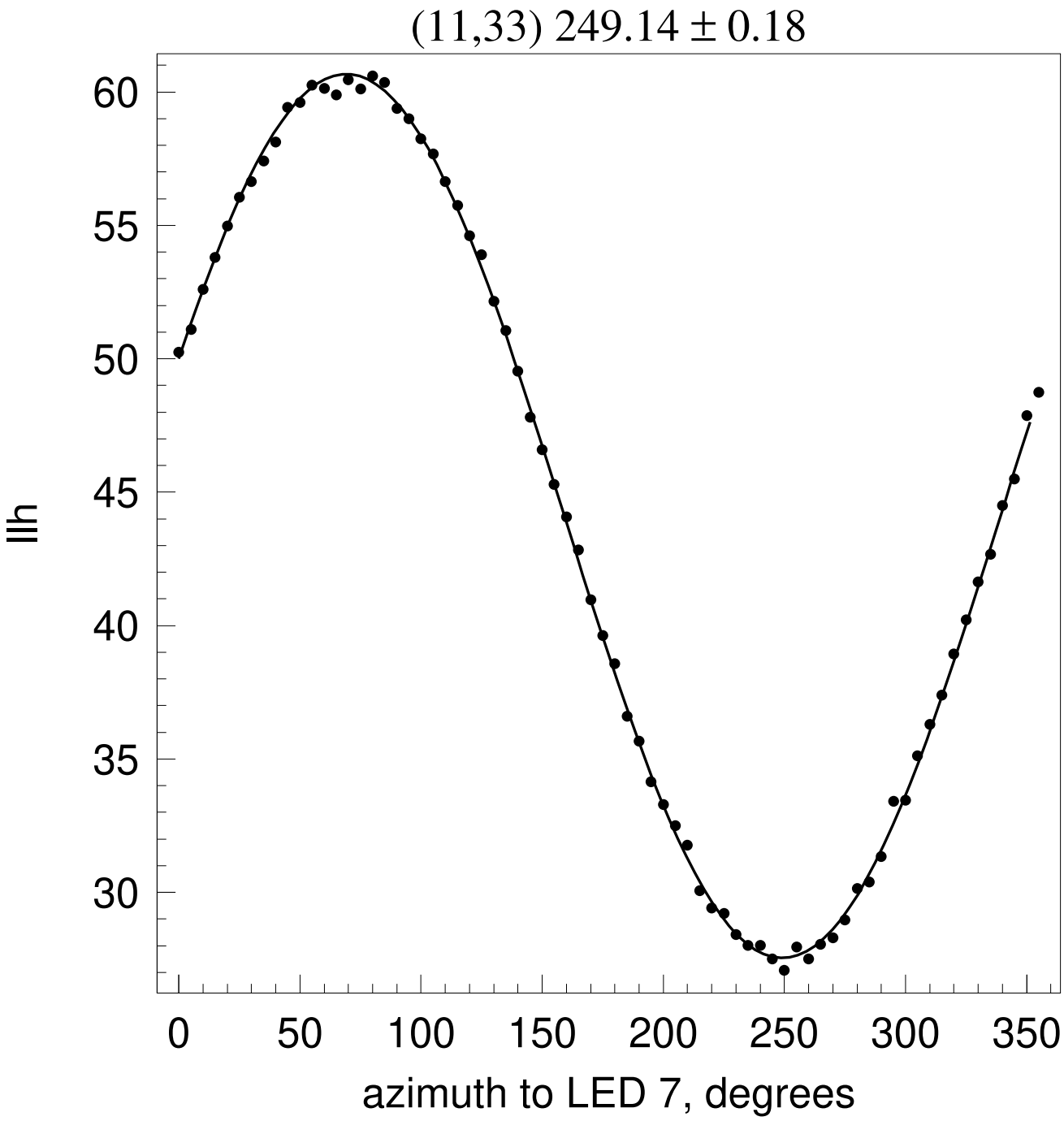

(11,28) 310.02 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

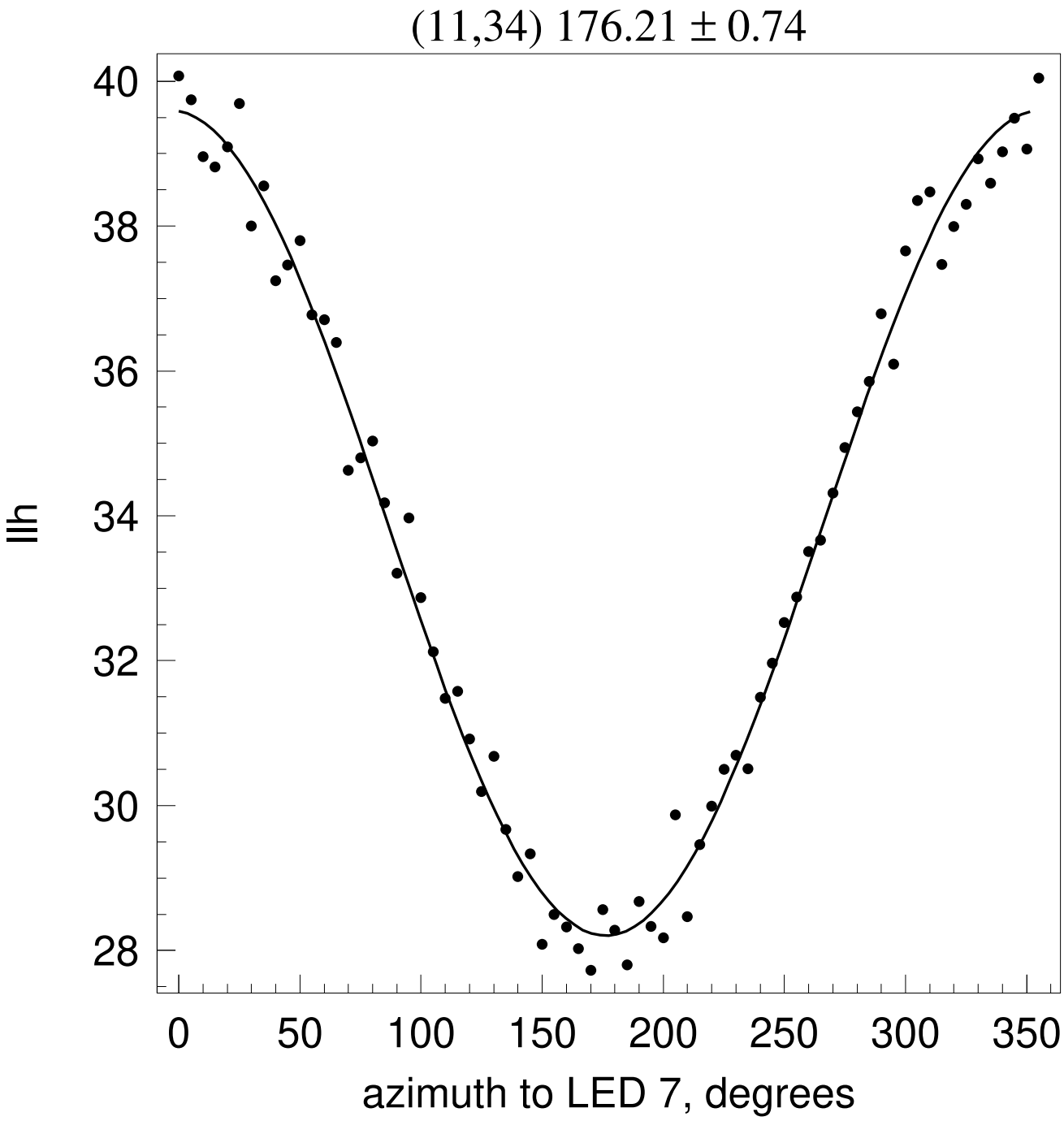

(11,29) 91.57 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

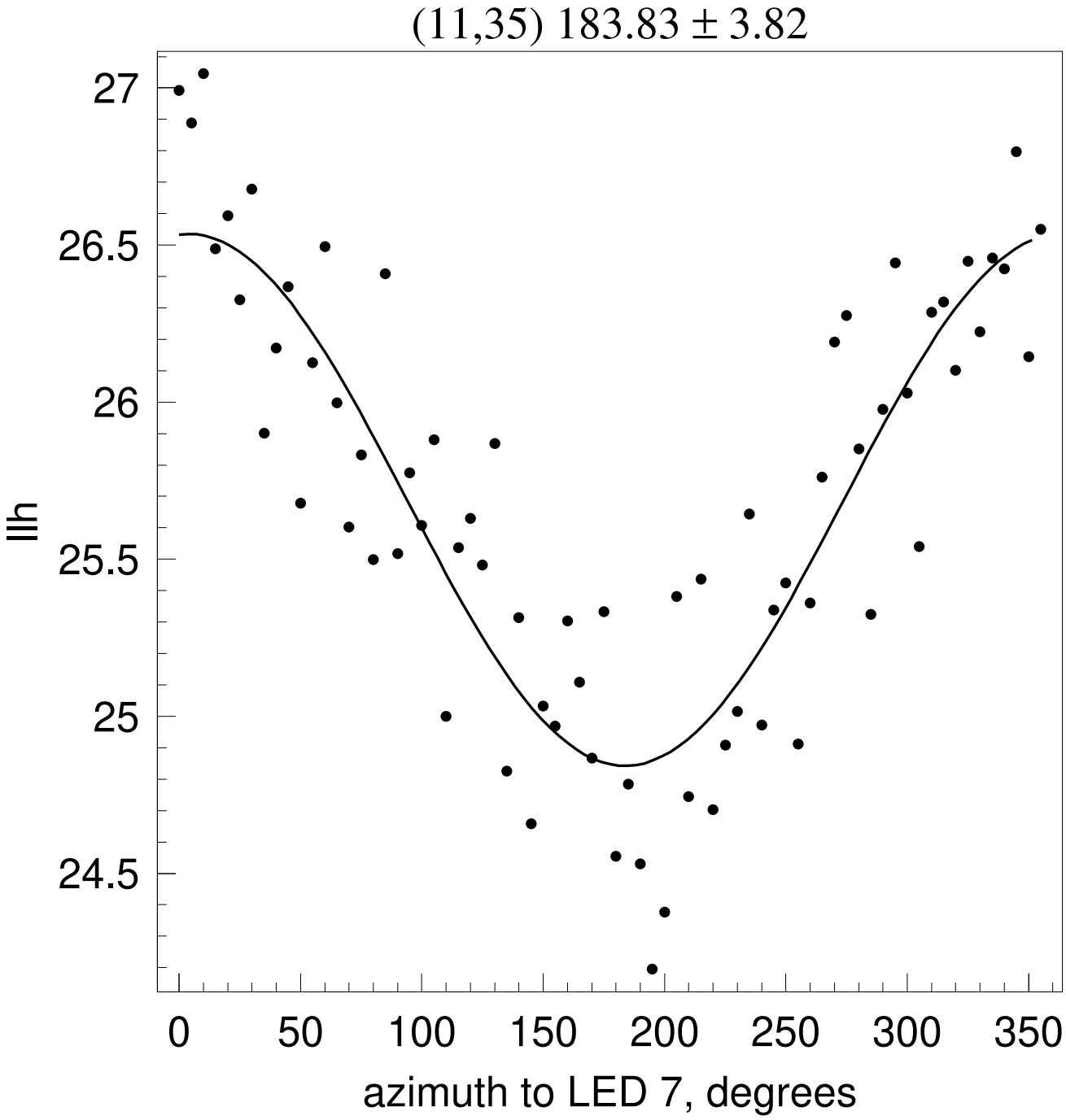

(11,30) 290.12 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

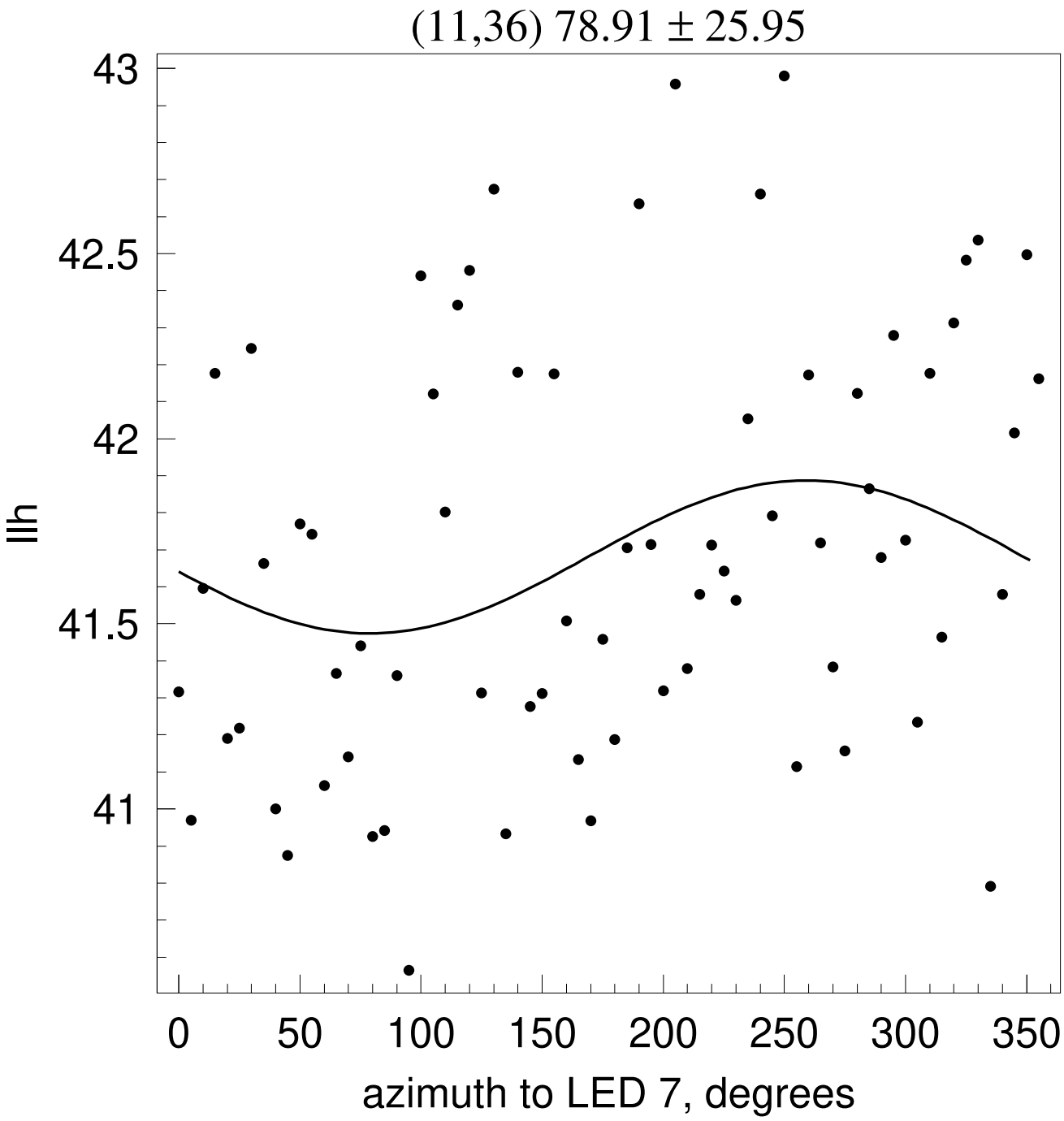

(11,31) 65.80 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

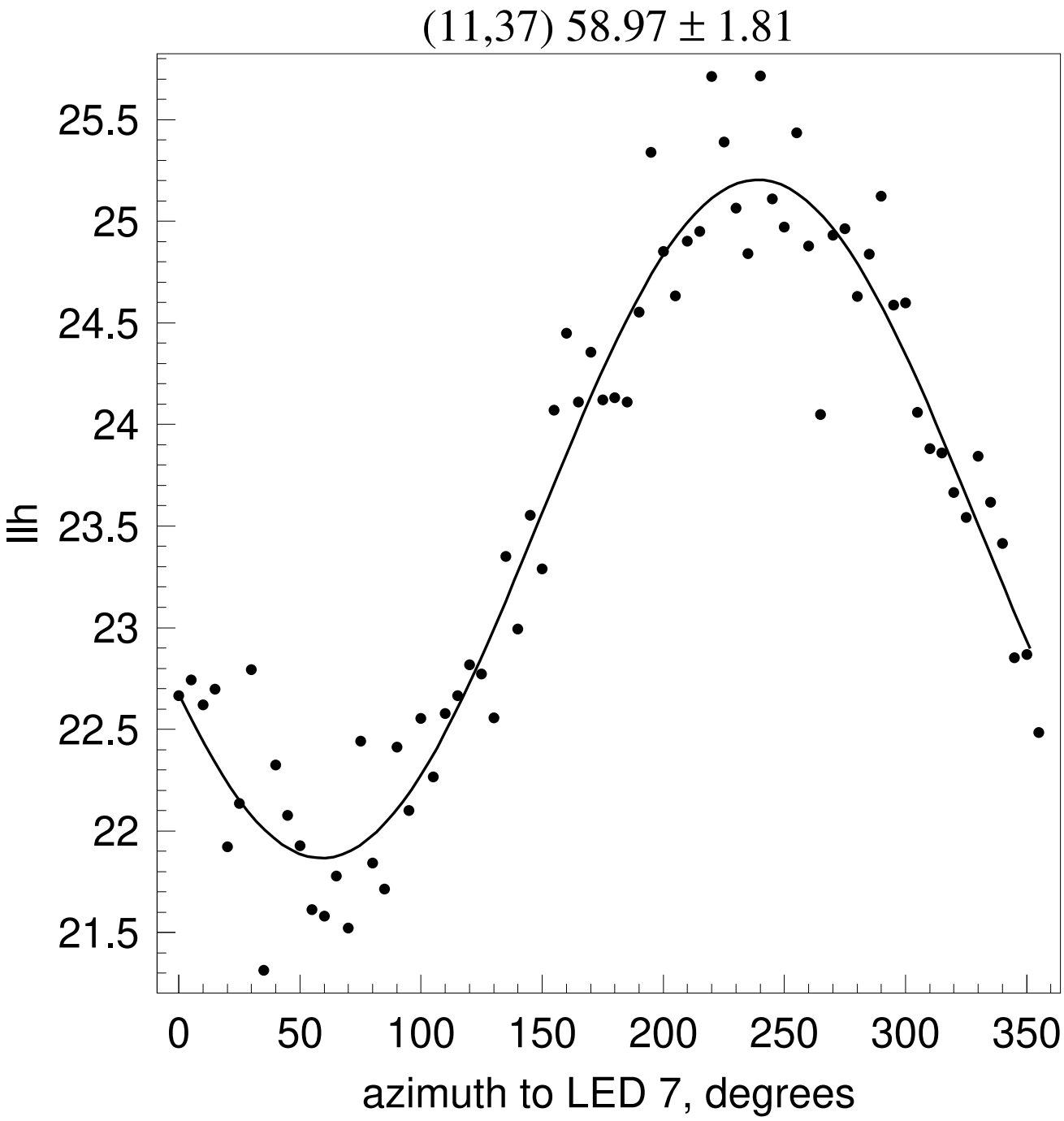

(11,32) 84.23 ± 0.24
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

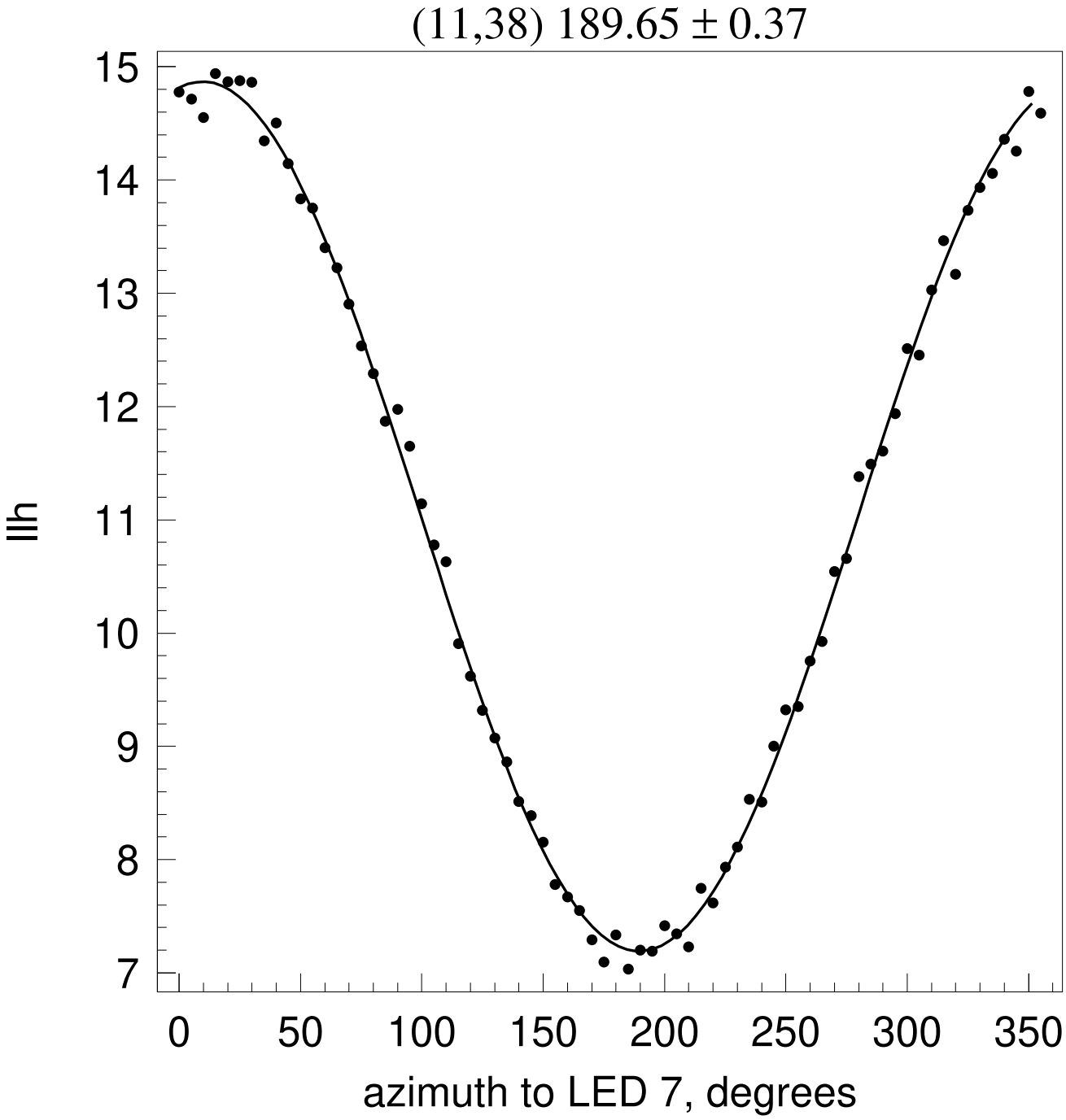

(11,33) 249.14 ± 0.18
60
55
50
45
40
35
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

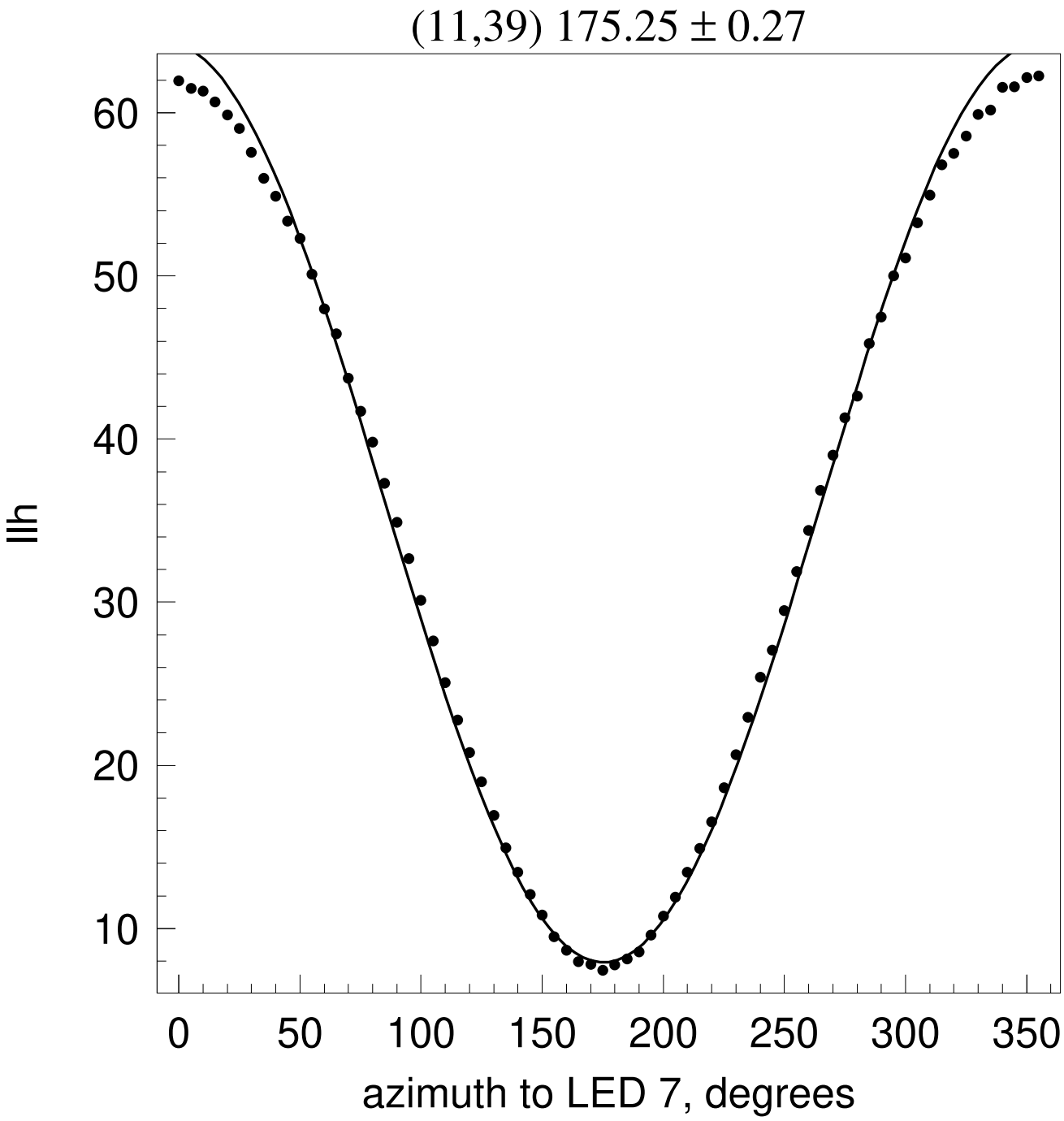

(11,34) 176.21 ± 0.74
40
38
36
34
32
30
28
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

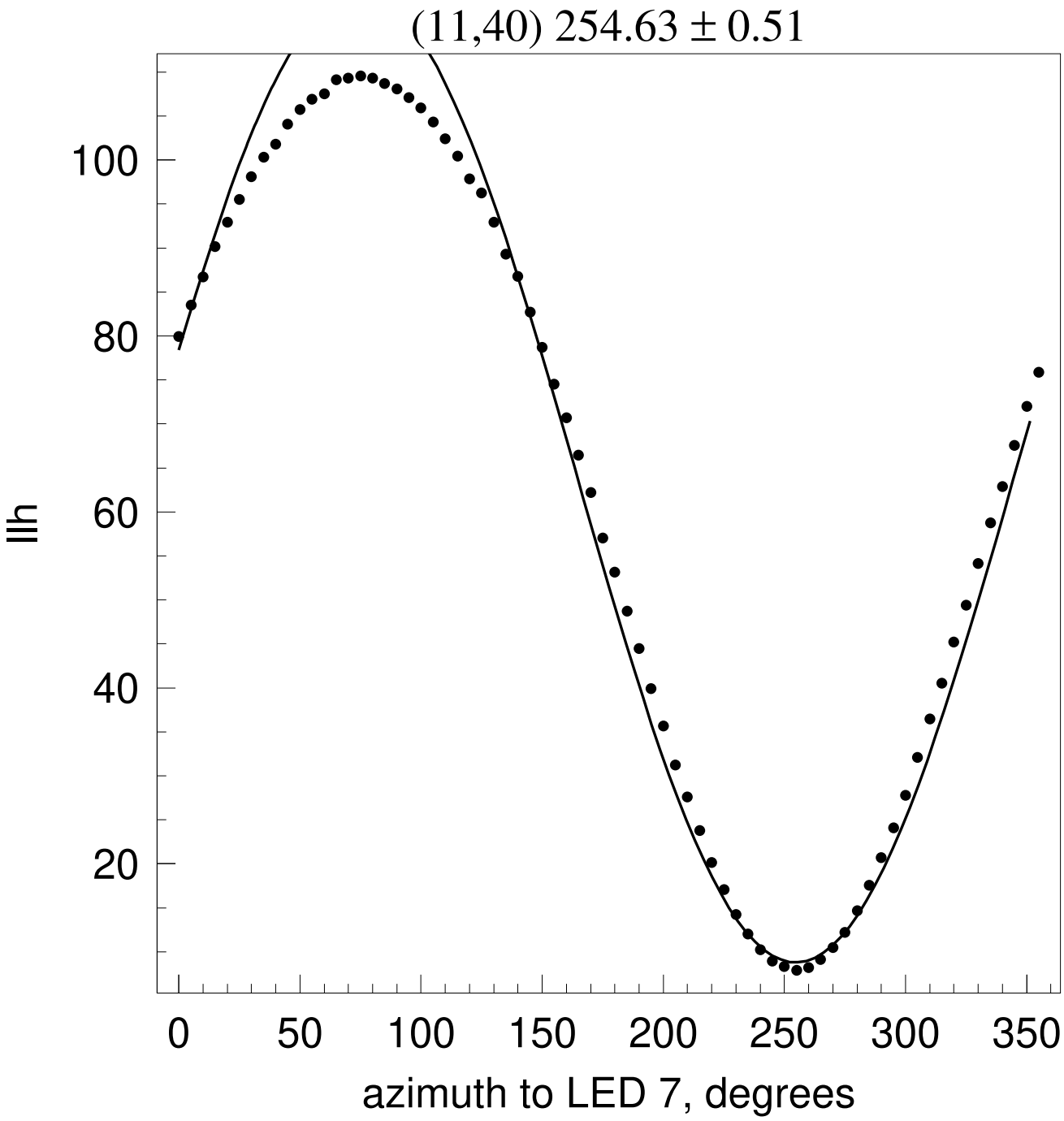

(11,35) 183.83 ± 3.82
27
26.5
26
25.5
25
24.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

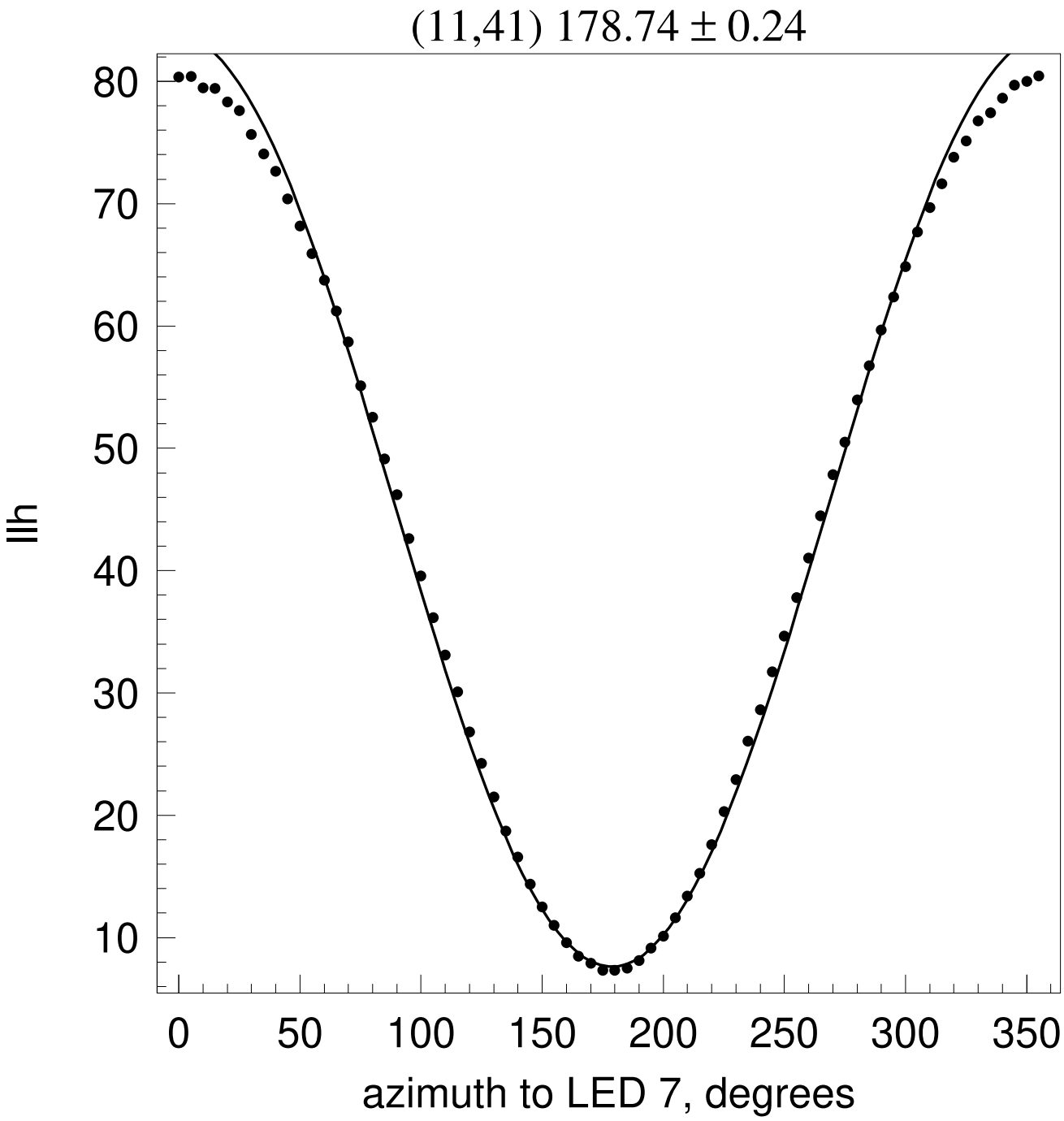

(11,36) 78.91 ± 25.95
43
42.5
42
41.5
41
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

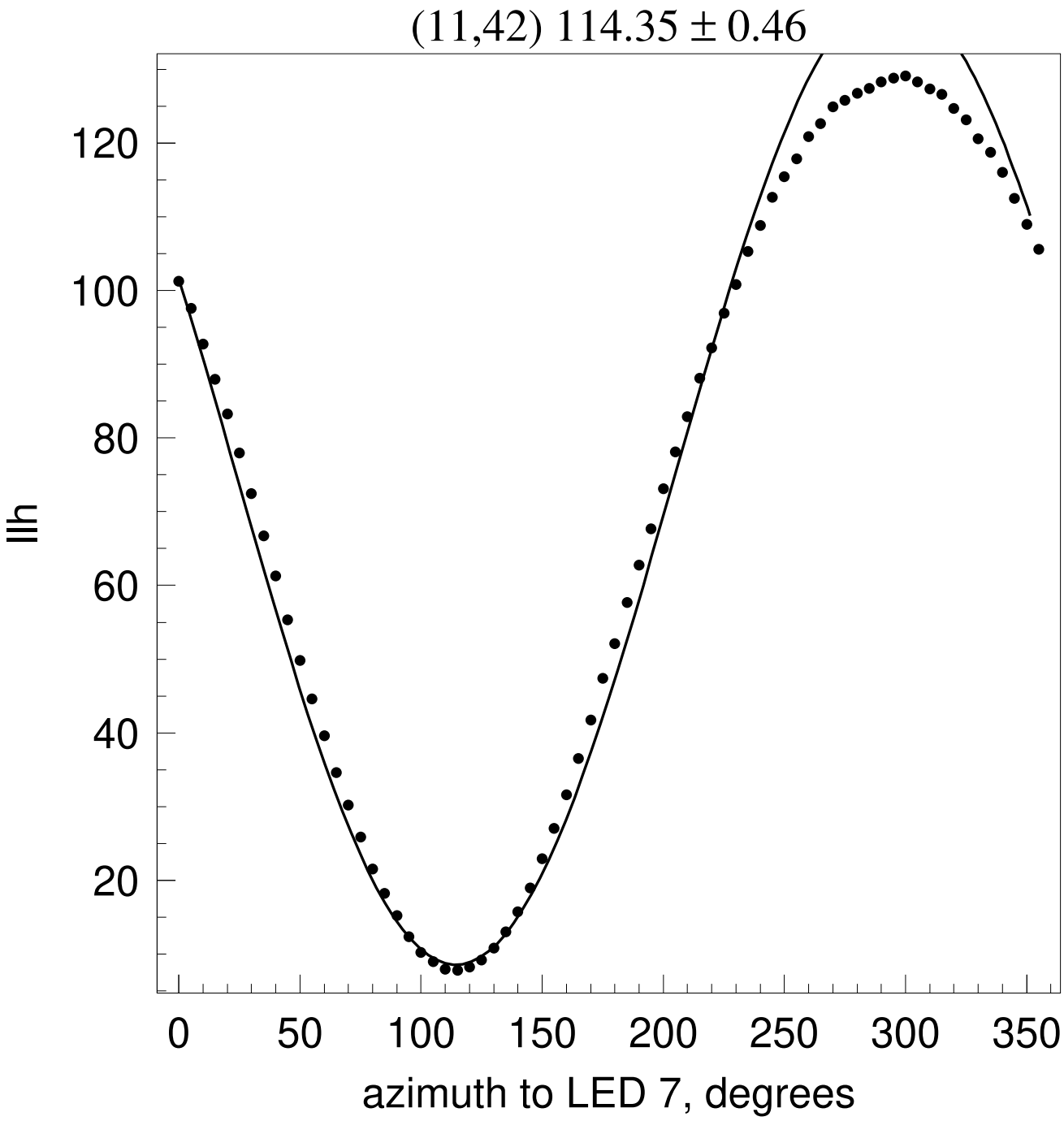

(11,37) 58.97 ± 1.81
25.5
25
24.5
24
23.5
23
22.5
22
21.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

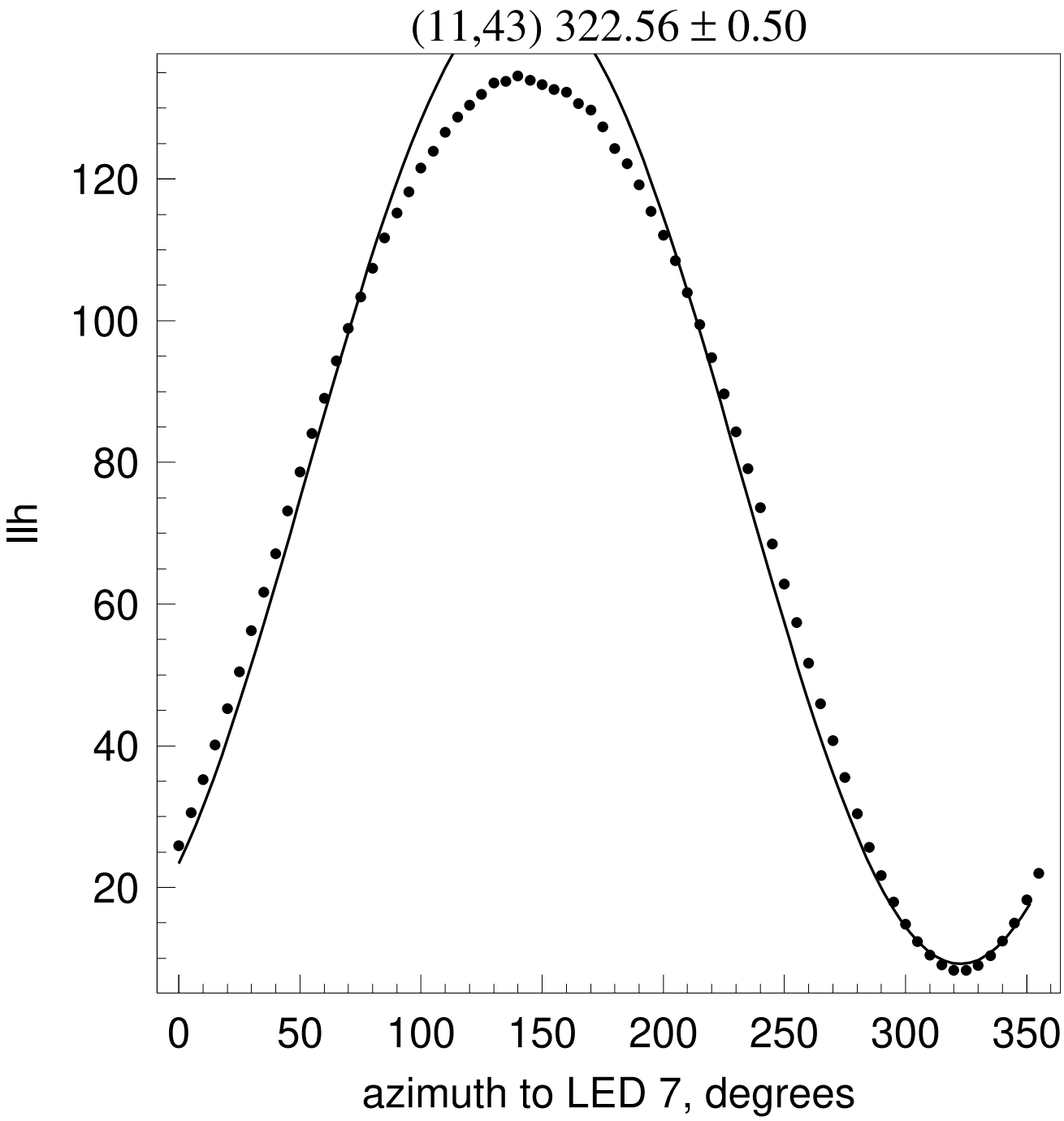

(11,38) 189.65 ± 0.37
15
14
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

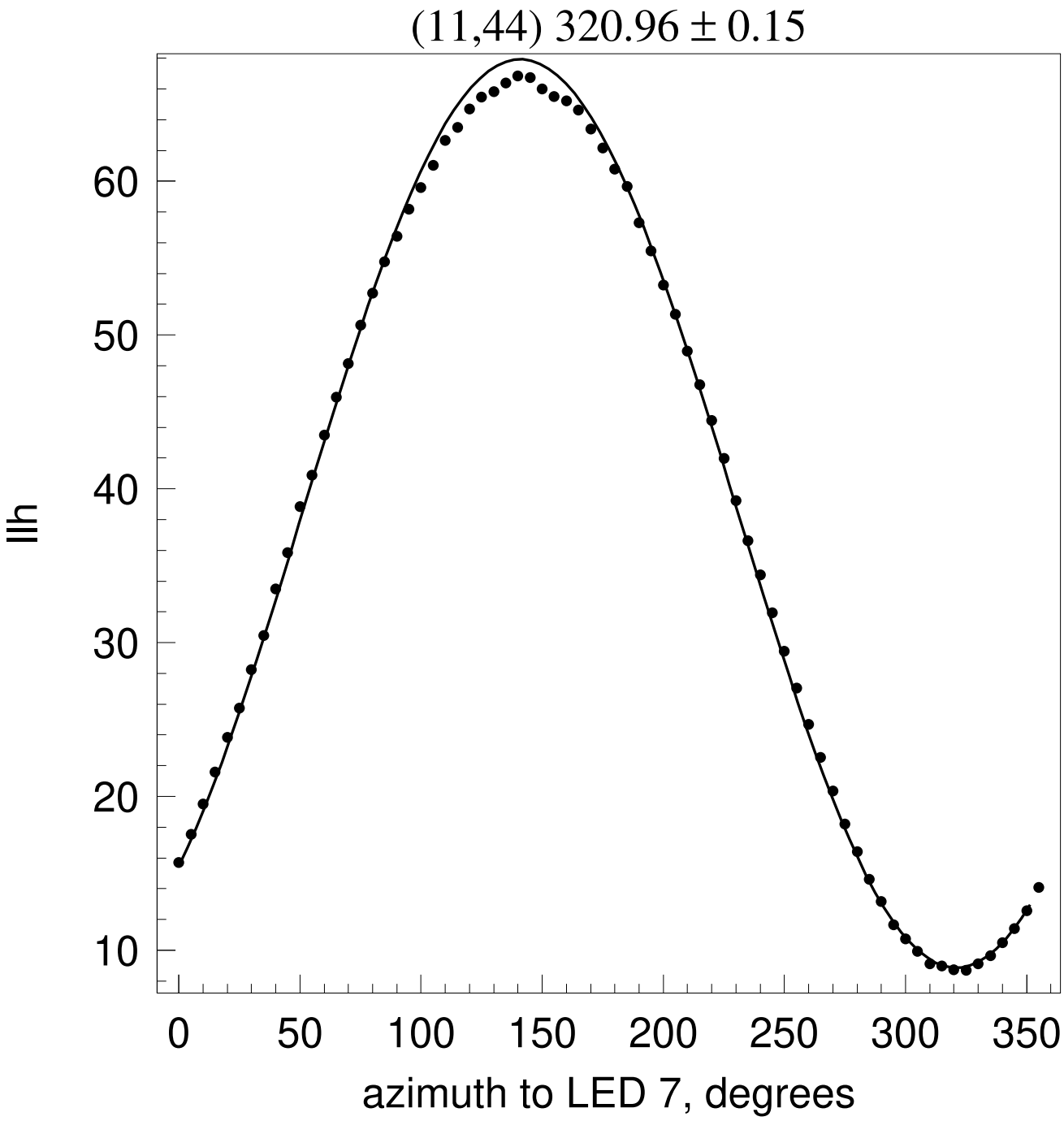

(11,39) 175.25 ± 0.27
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

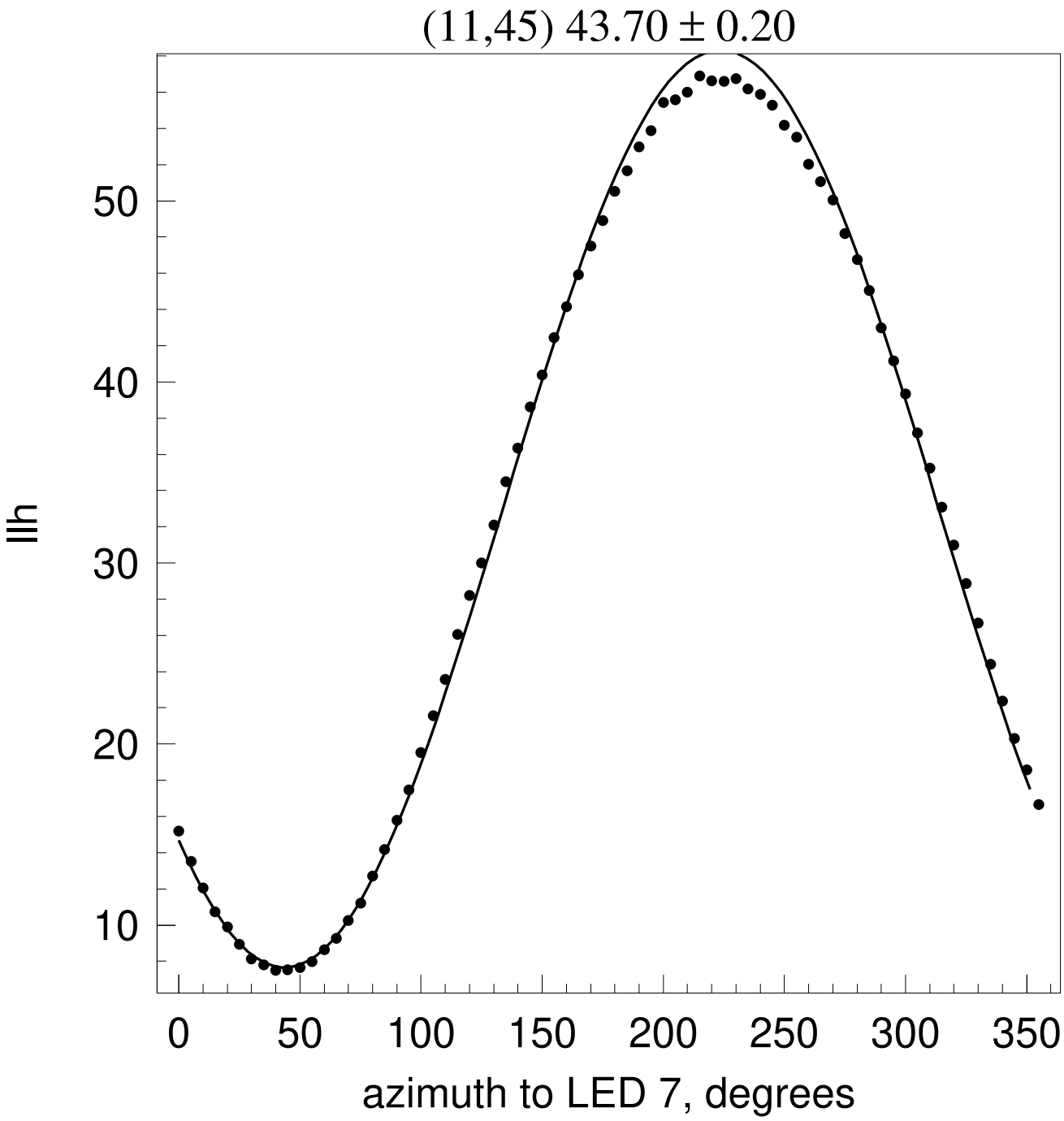

(11,40) 254.63 ± 0.51
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

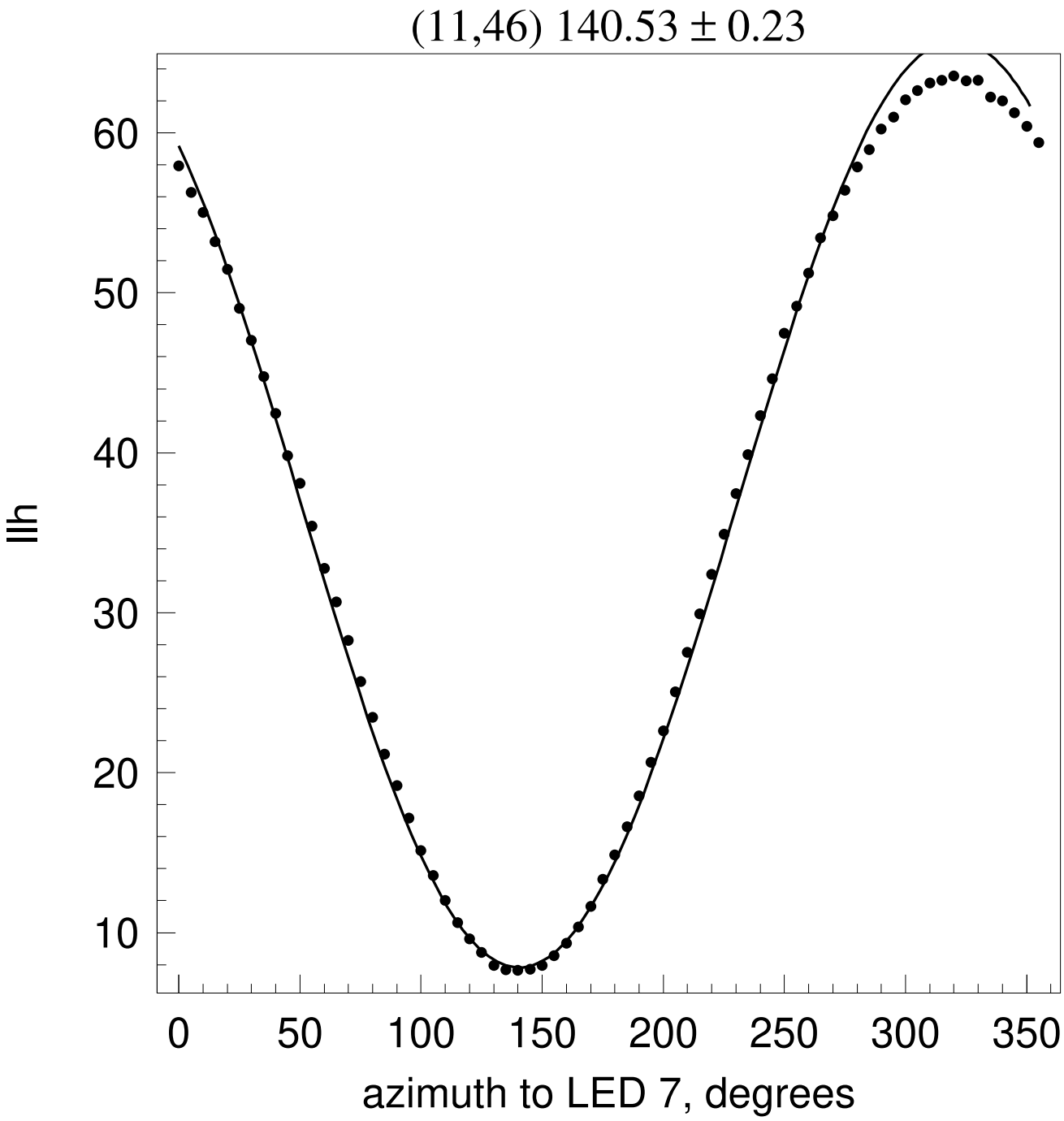

(11,41) 178.74 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

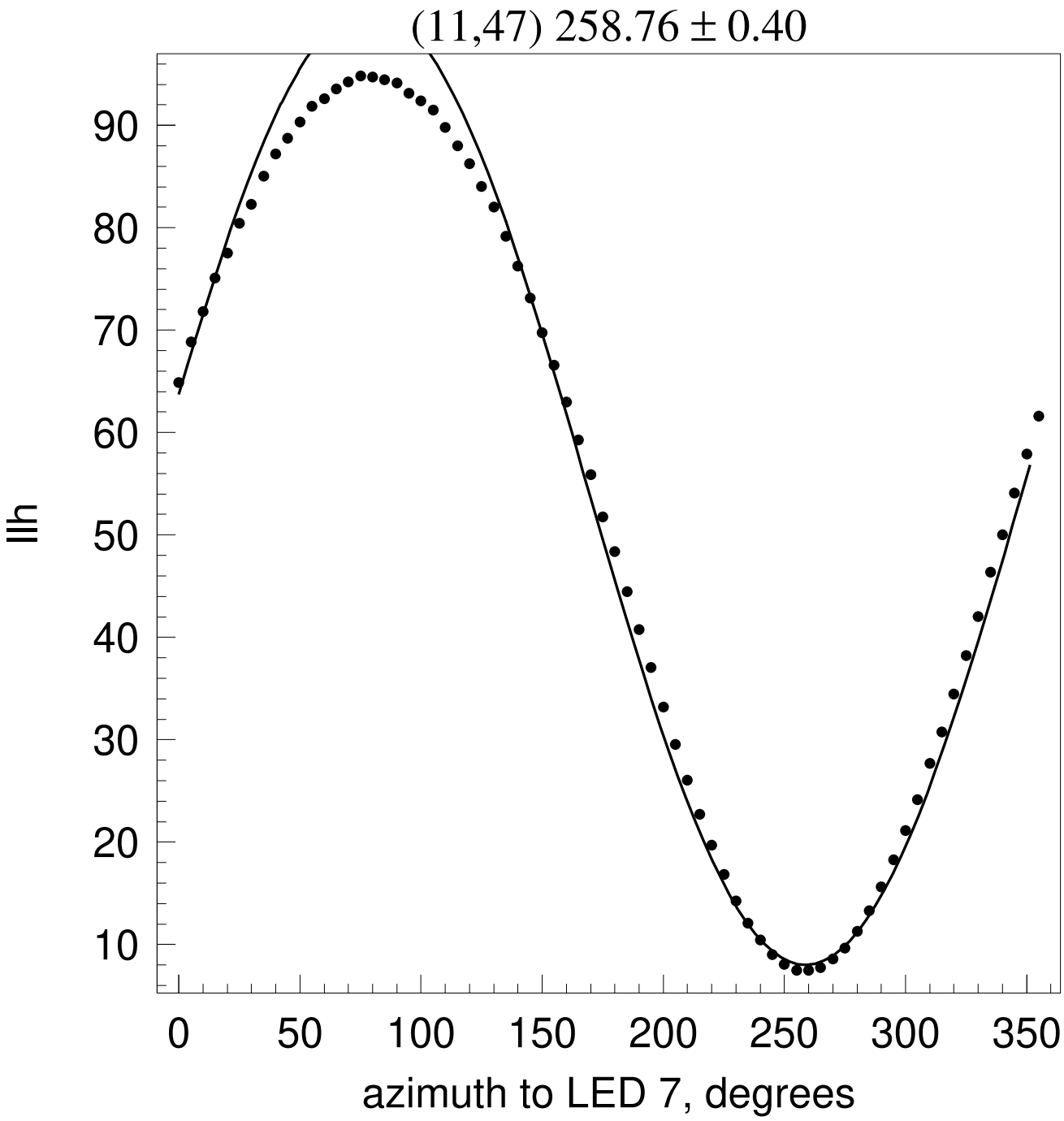

(11,42) 114.35 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

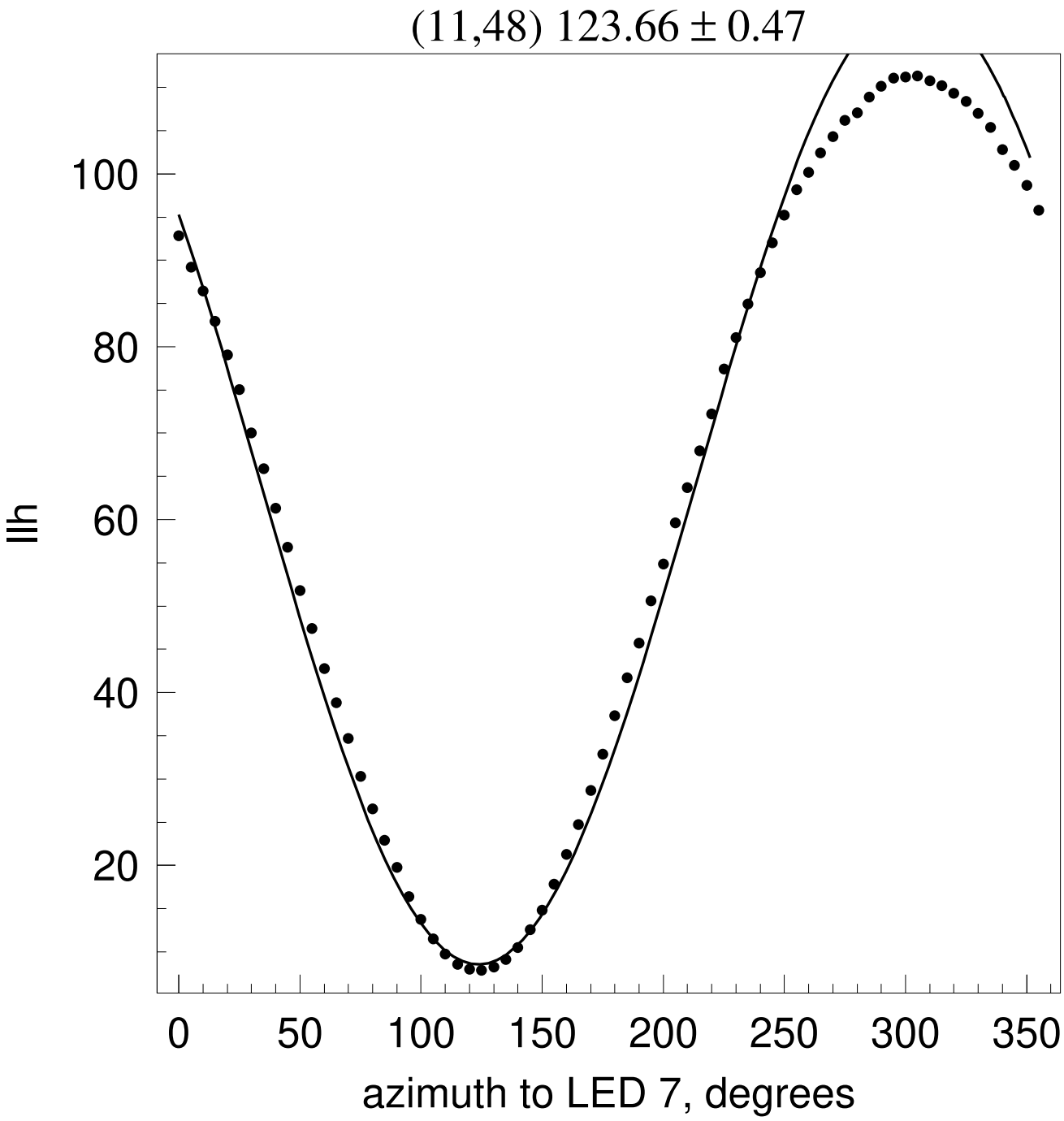

(11,43) 322.56 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

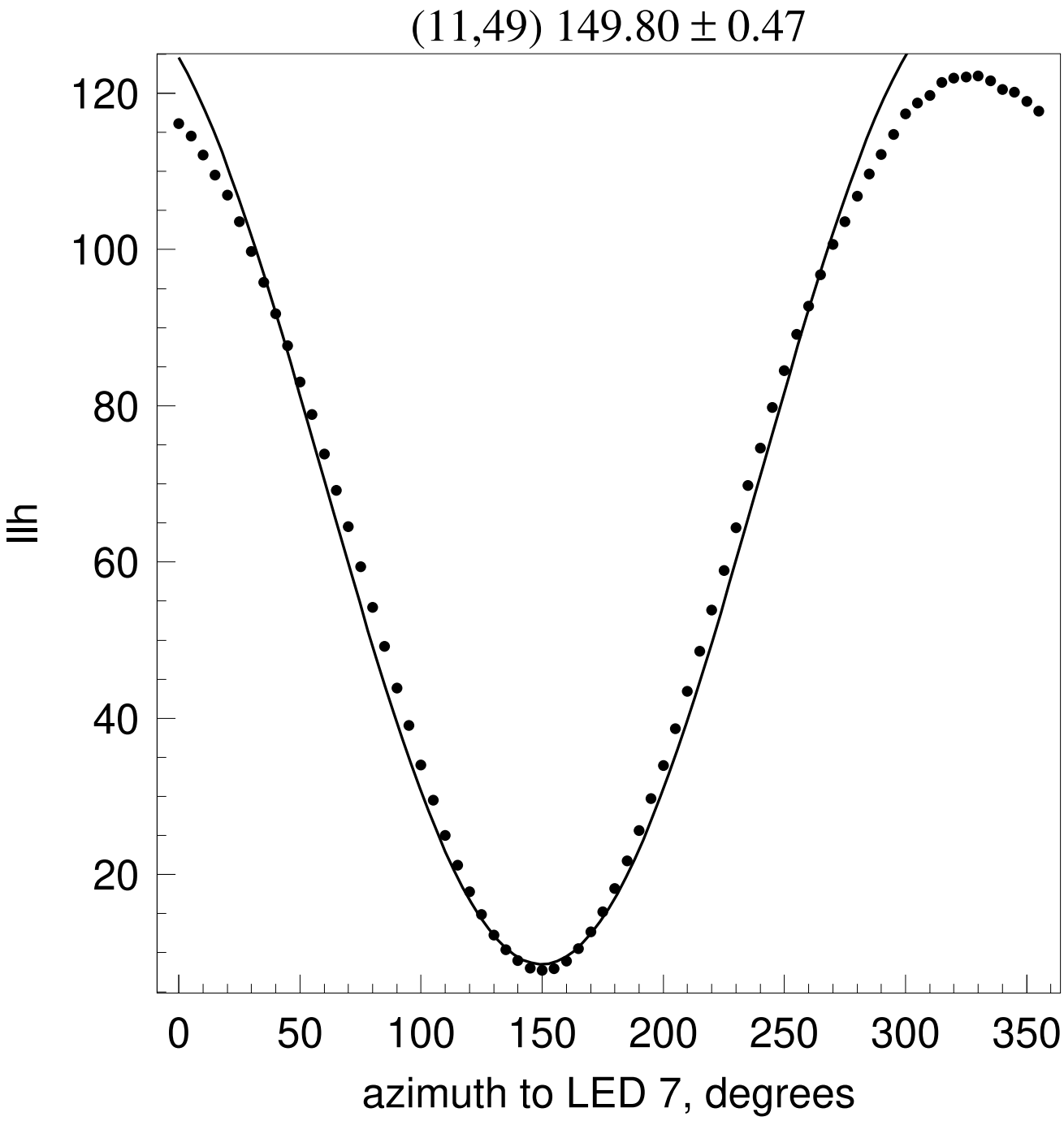

(11,44) 320.96 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

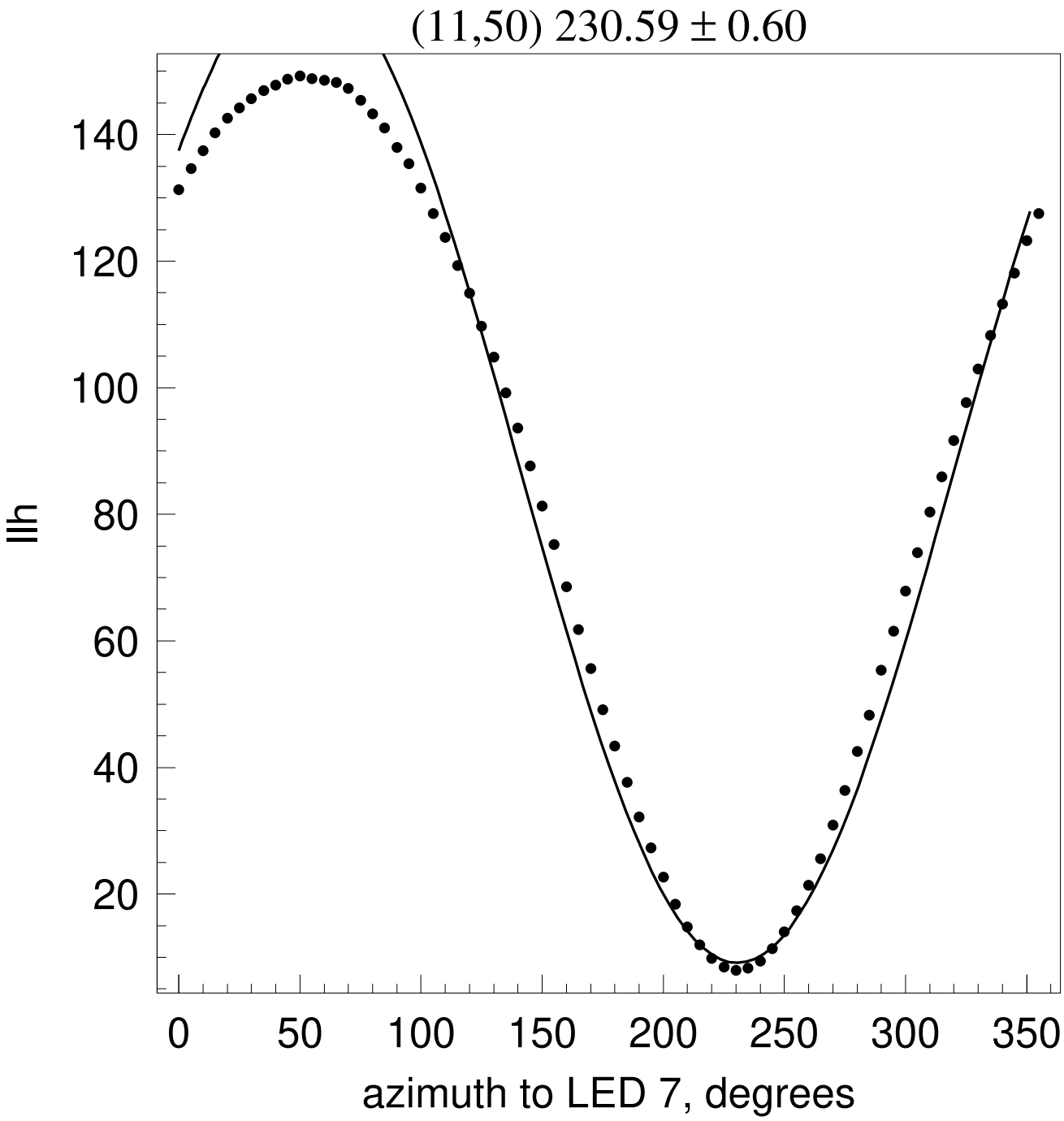

(11,45) 43.70 ± 0.20
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

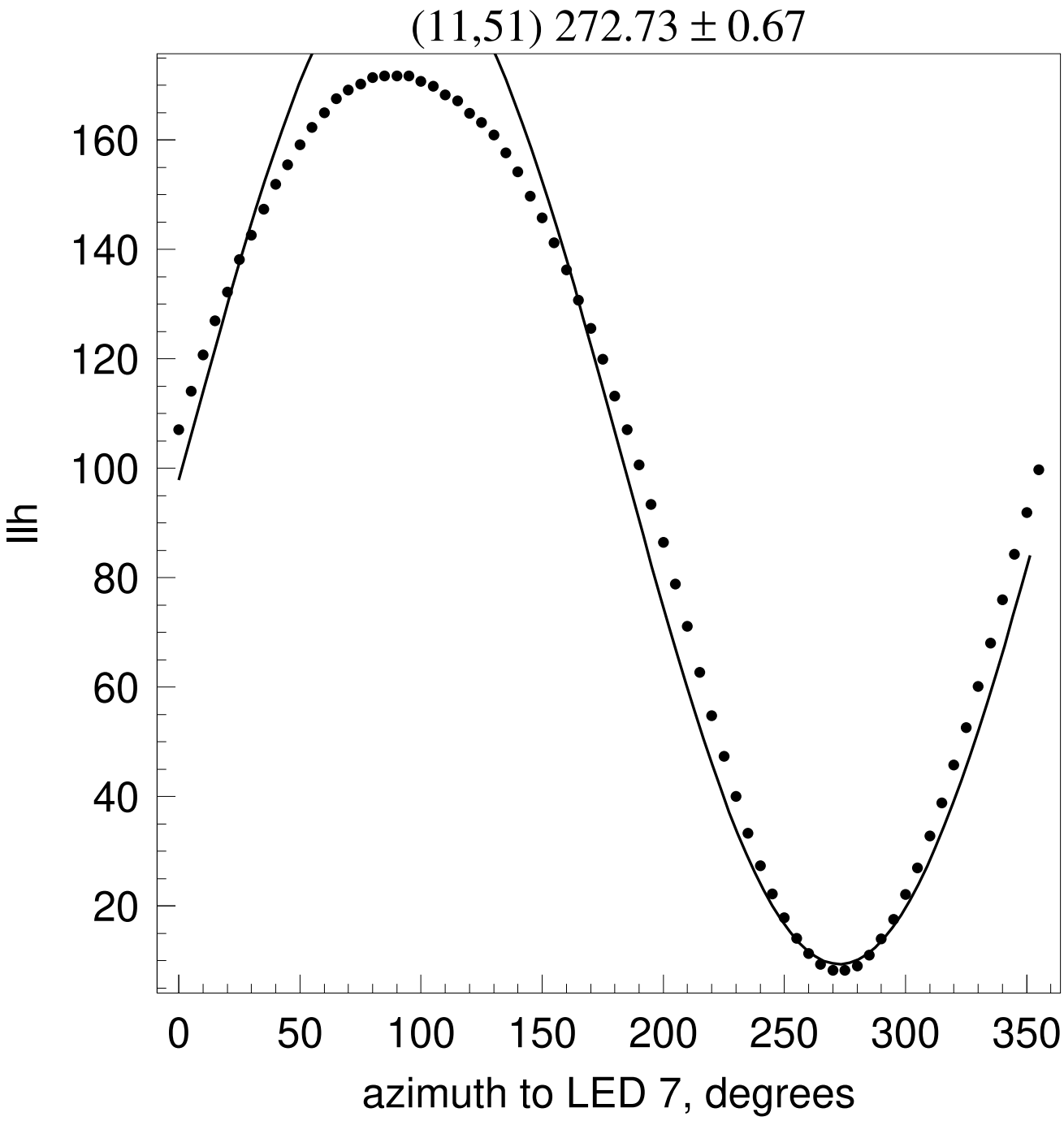

(11,46) 140.53 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

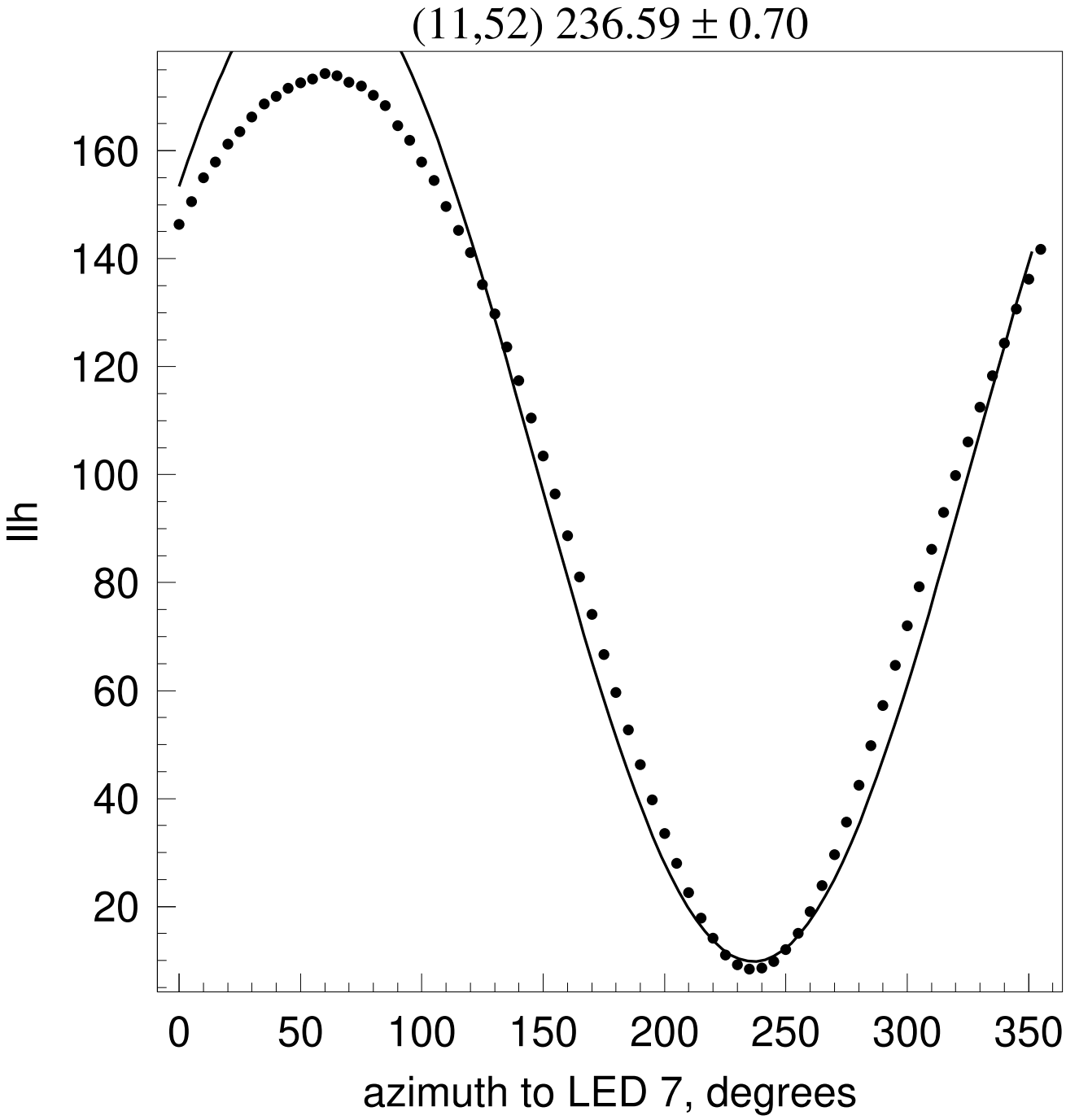

(11,47) 258.76 ± 0.40
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

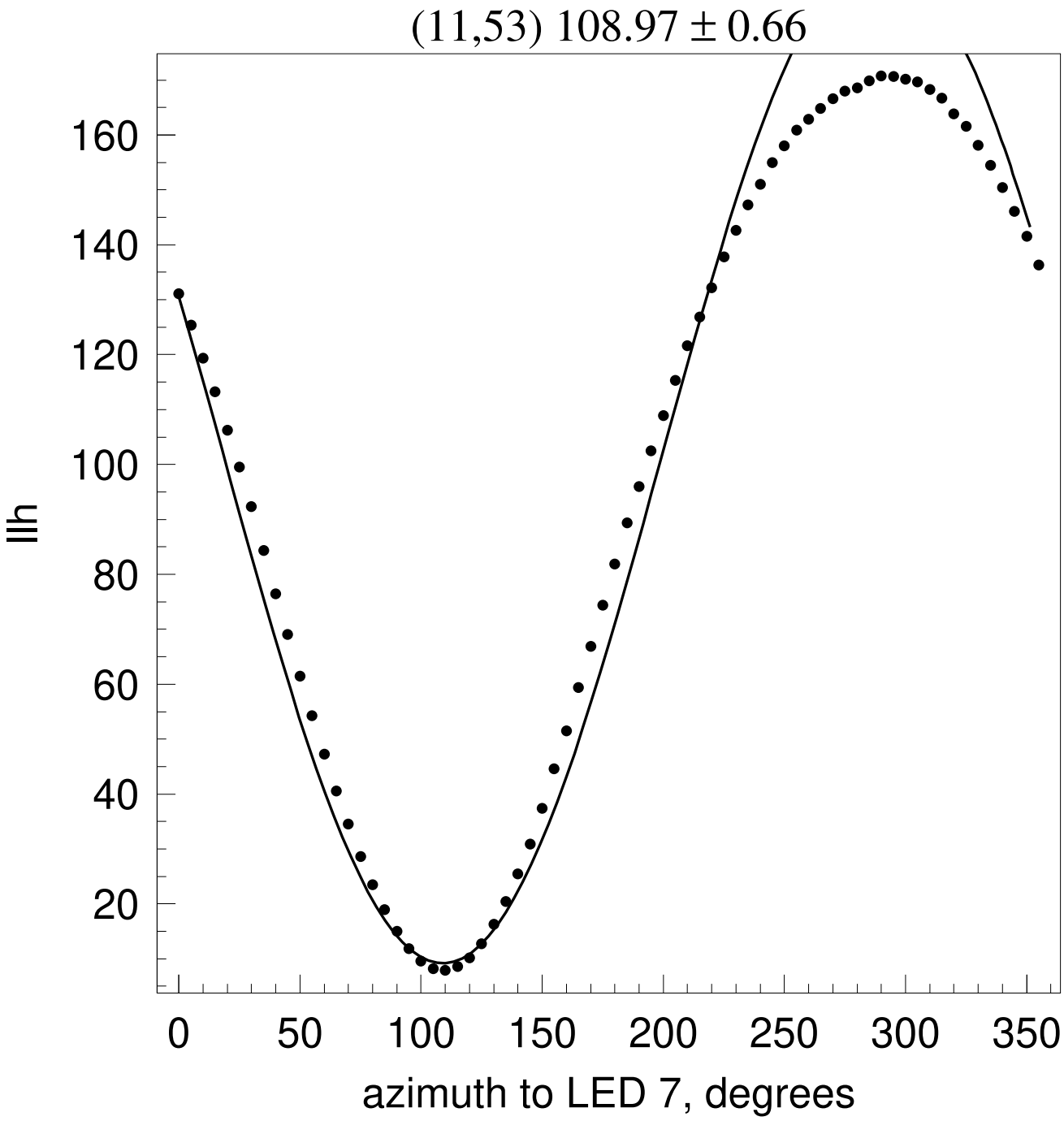

(11,48) 123.66 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

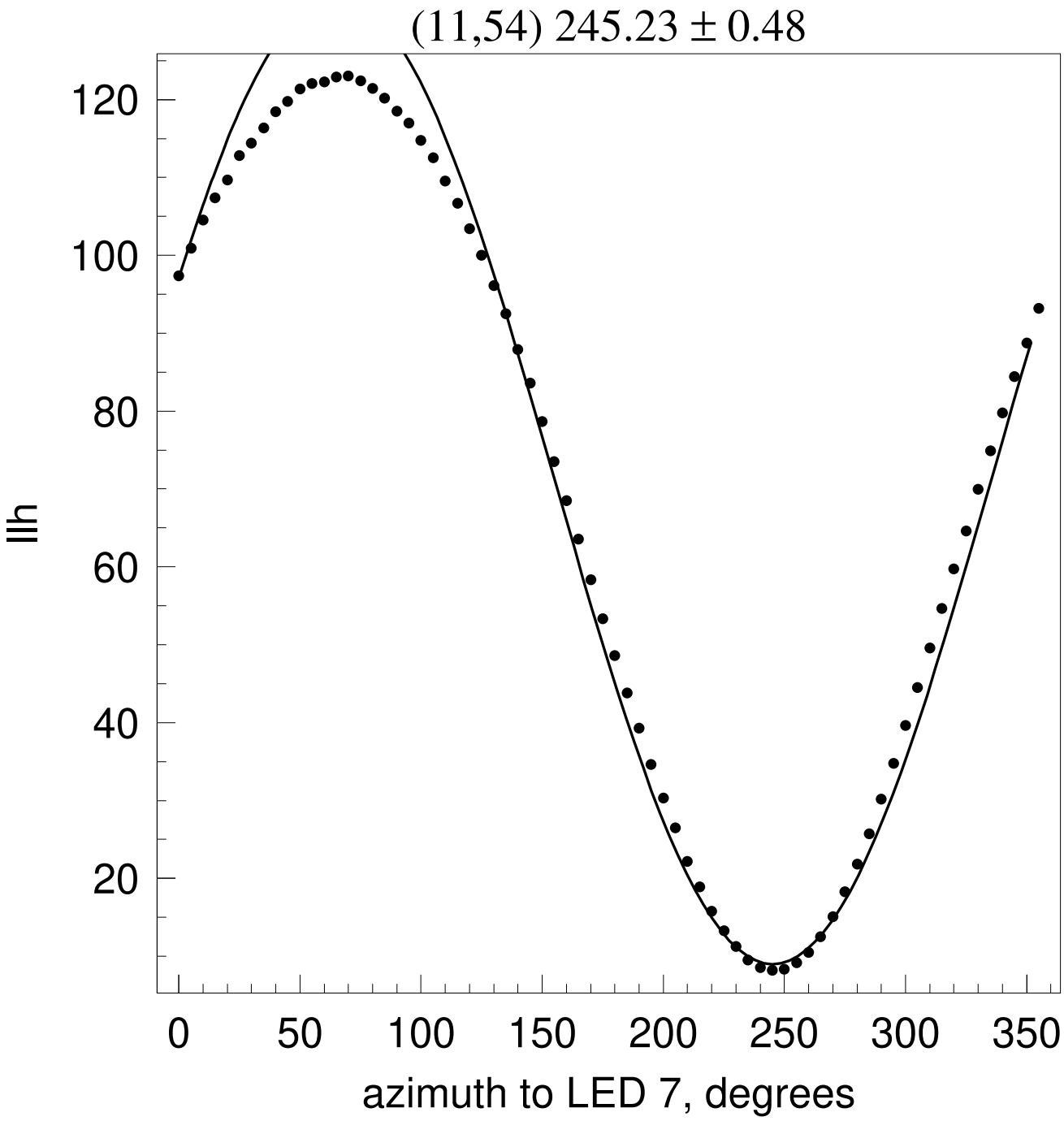

(11,49) 149.80 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

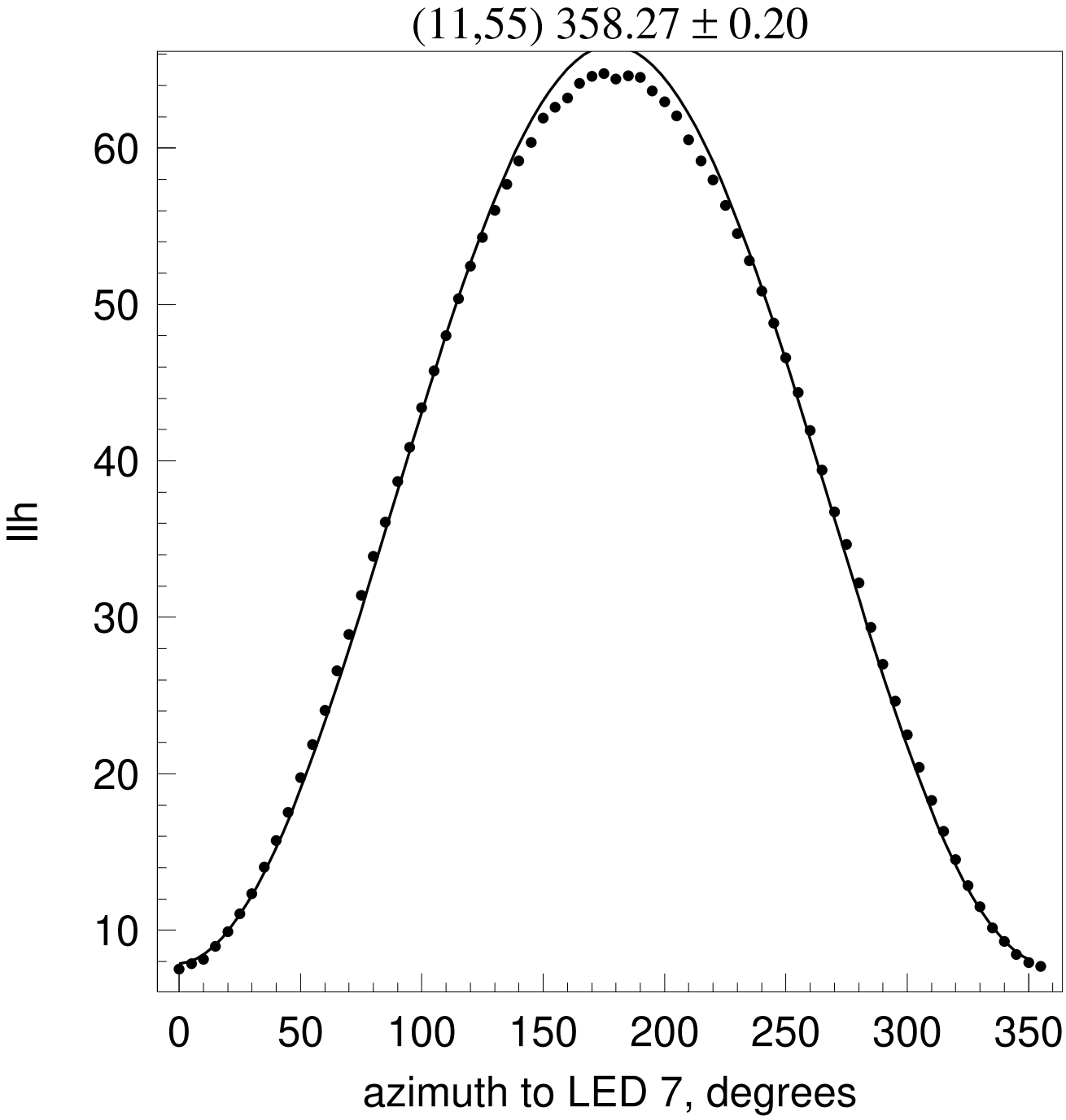

(11,50) 230.59 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

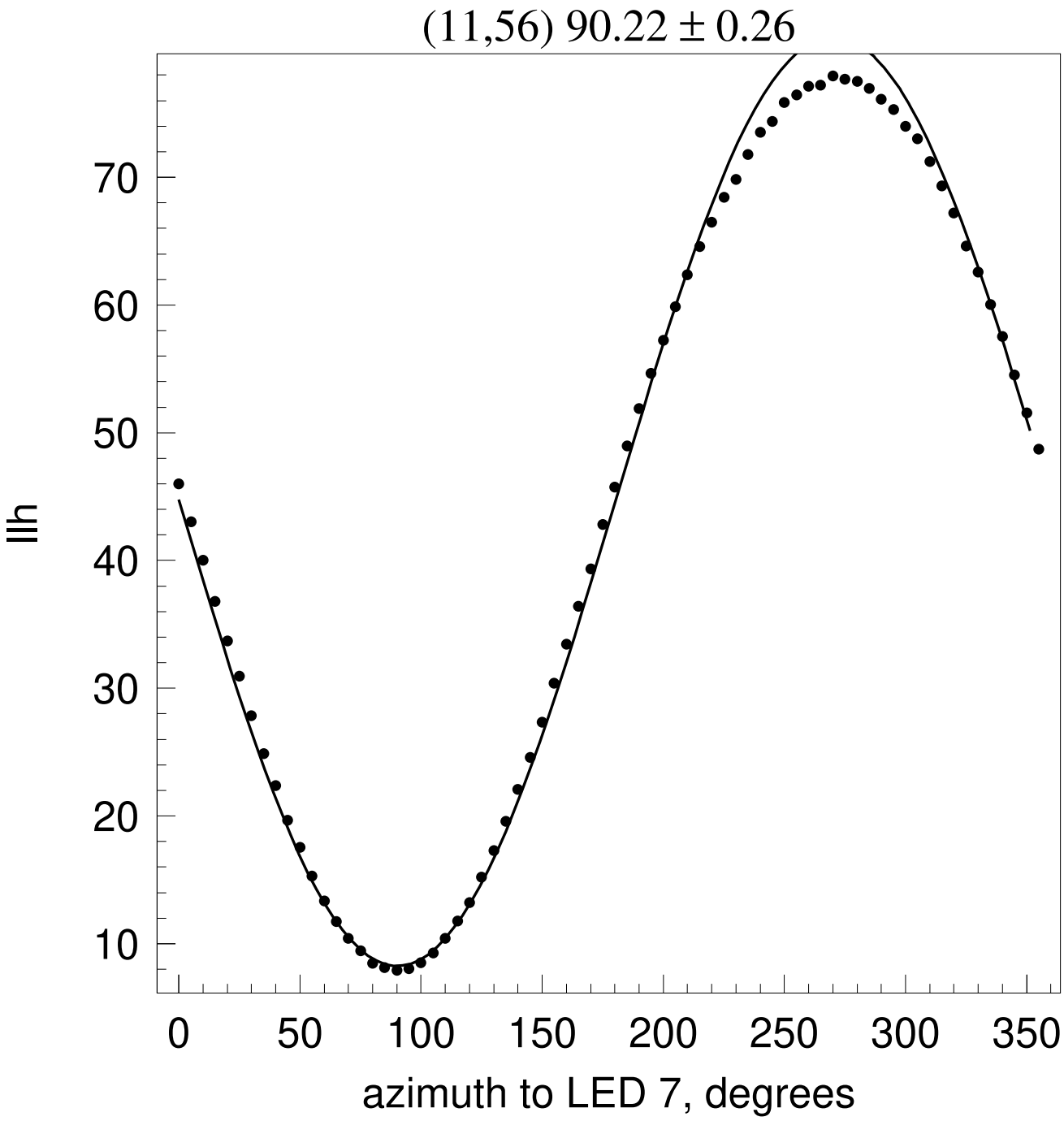

(11,51) 272.73 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

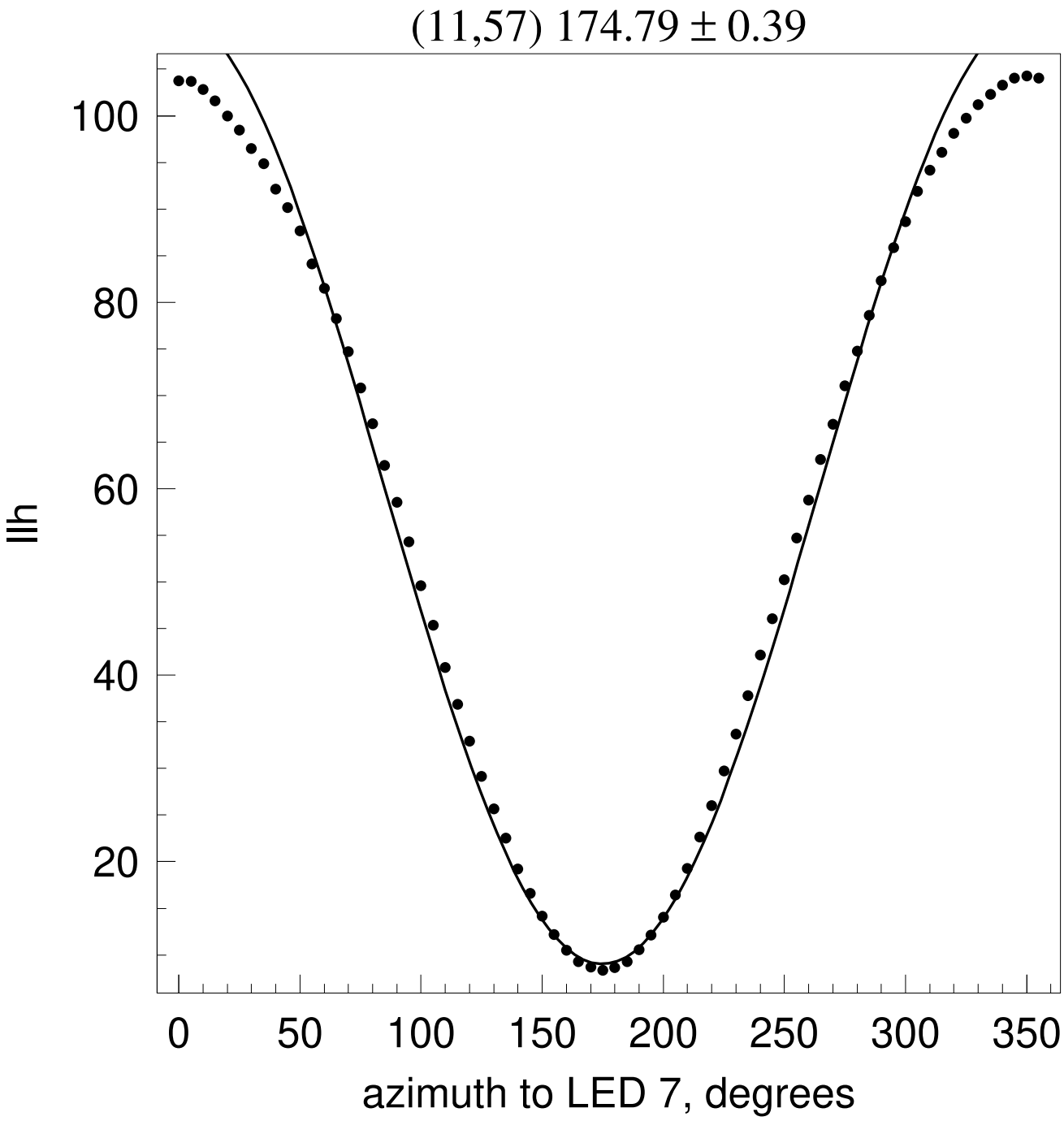

(11,52) 236.59 ± 0.70
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

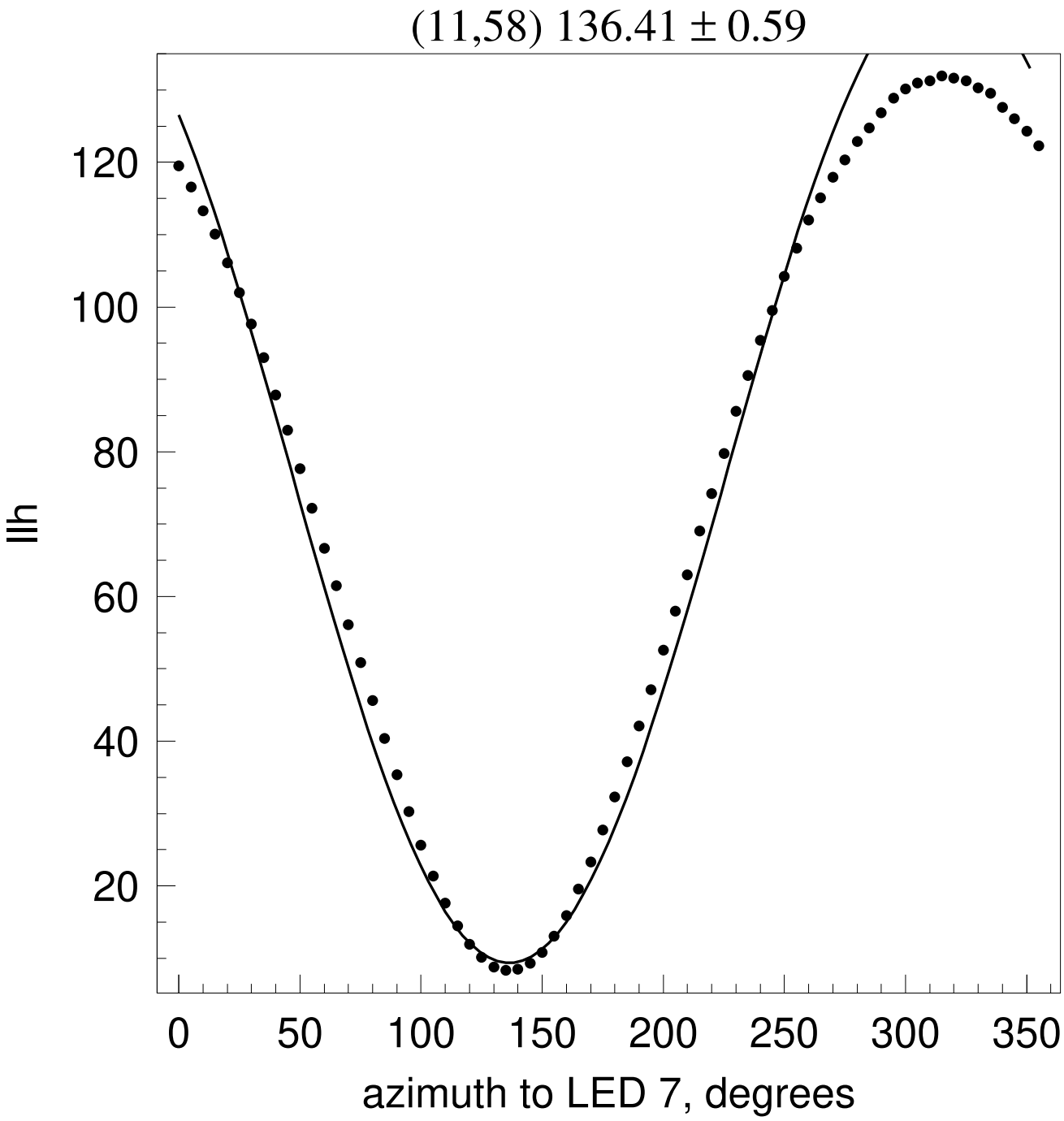

(11,53) 108.97 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

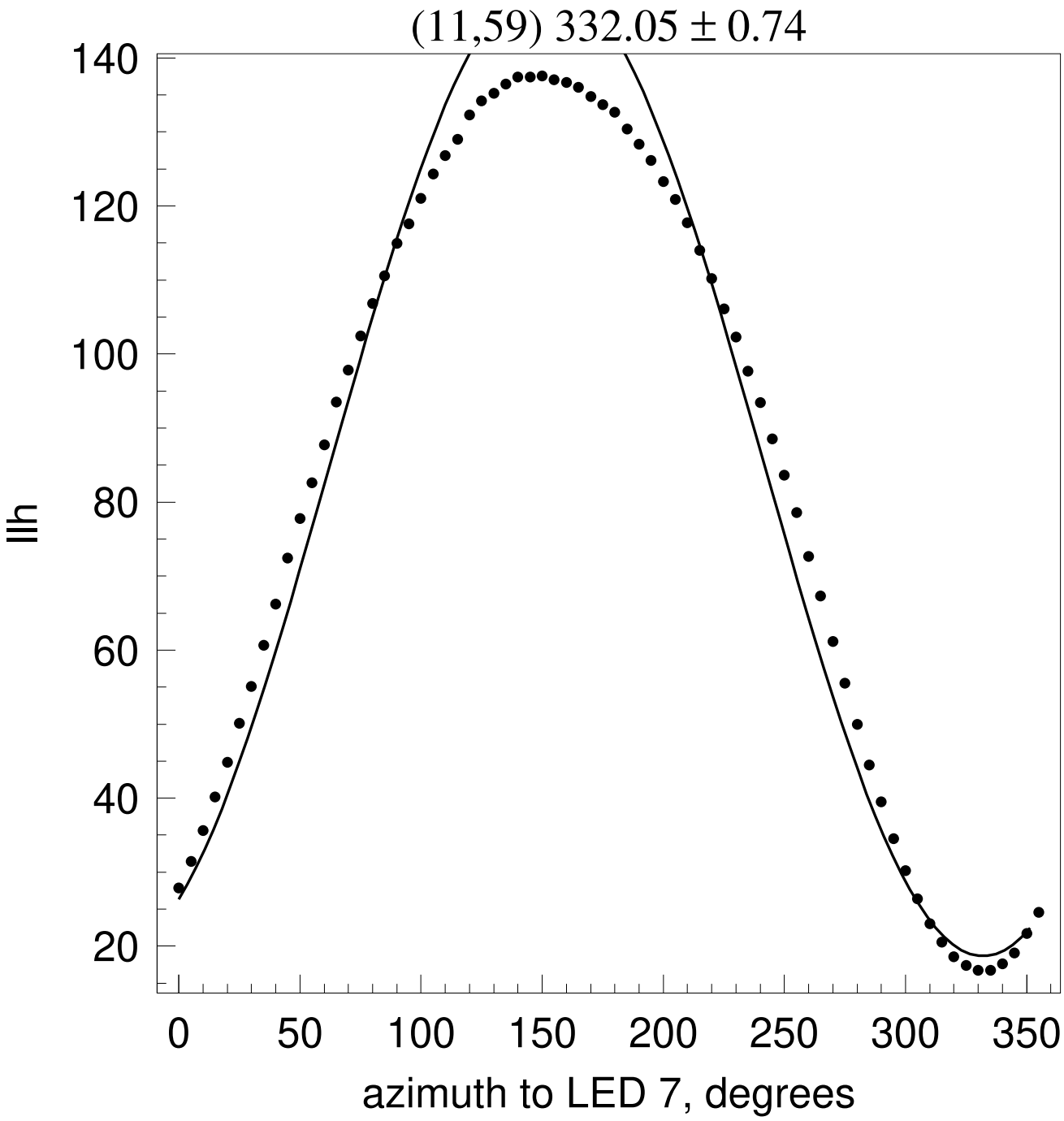

(11,54) 245.23 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

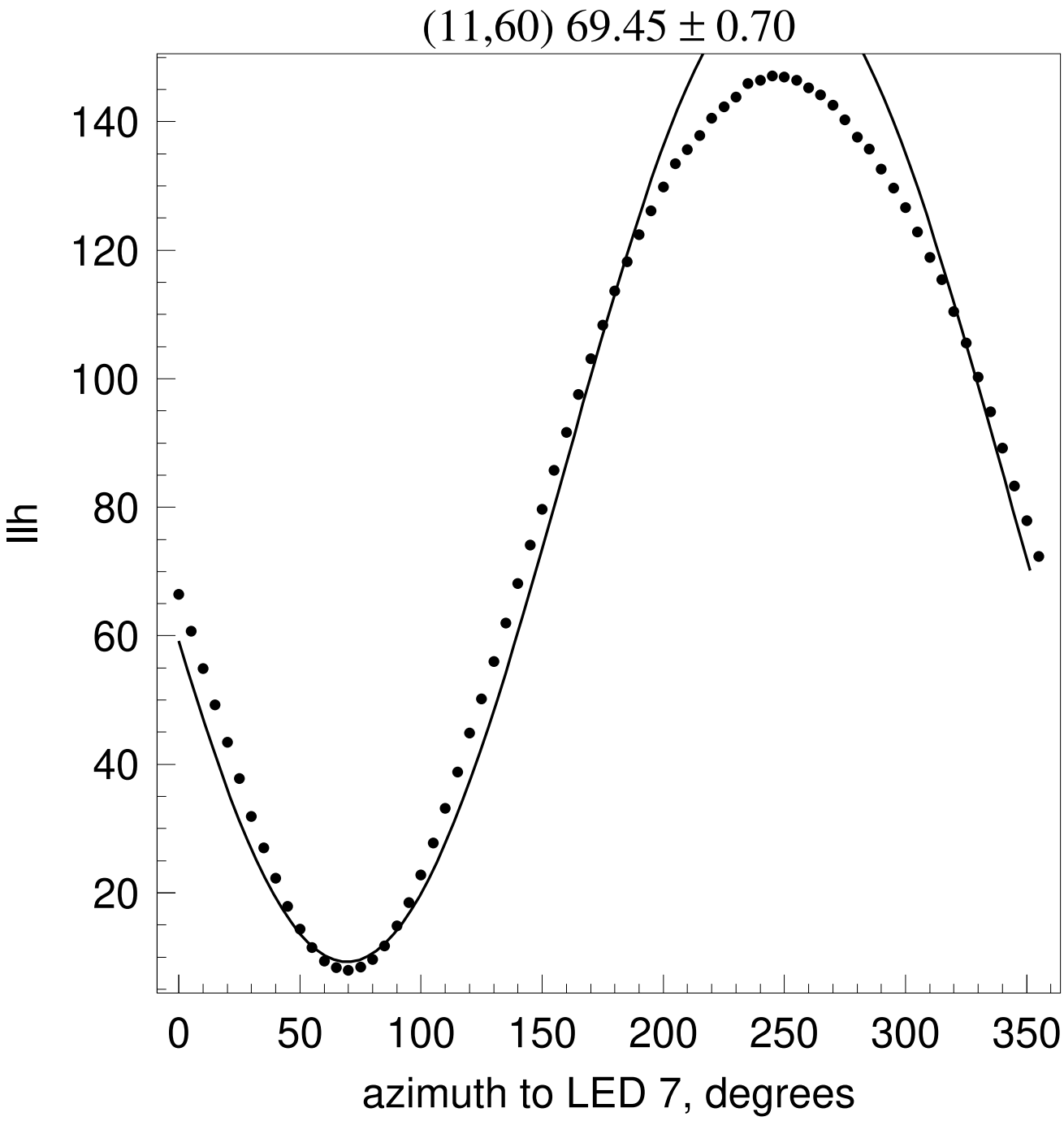

(11,55) 358.27 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

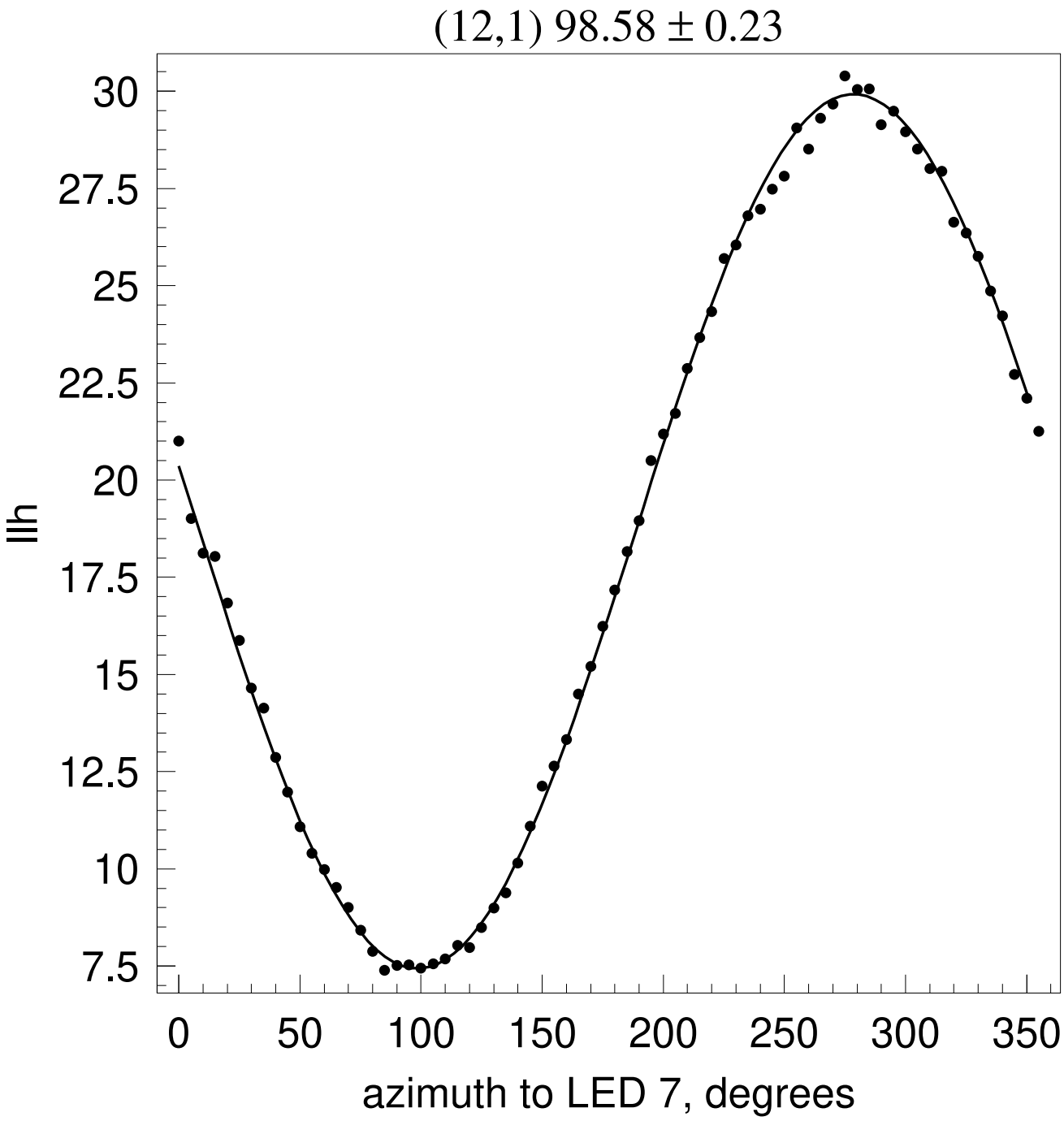

(11,56) 90.22 ± 0.26
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

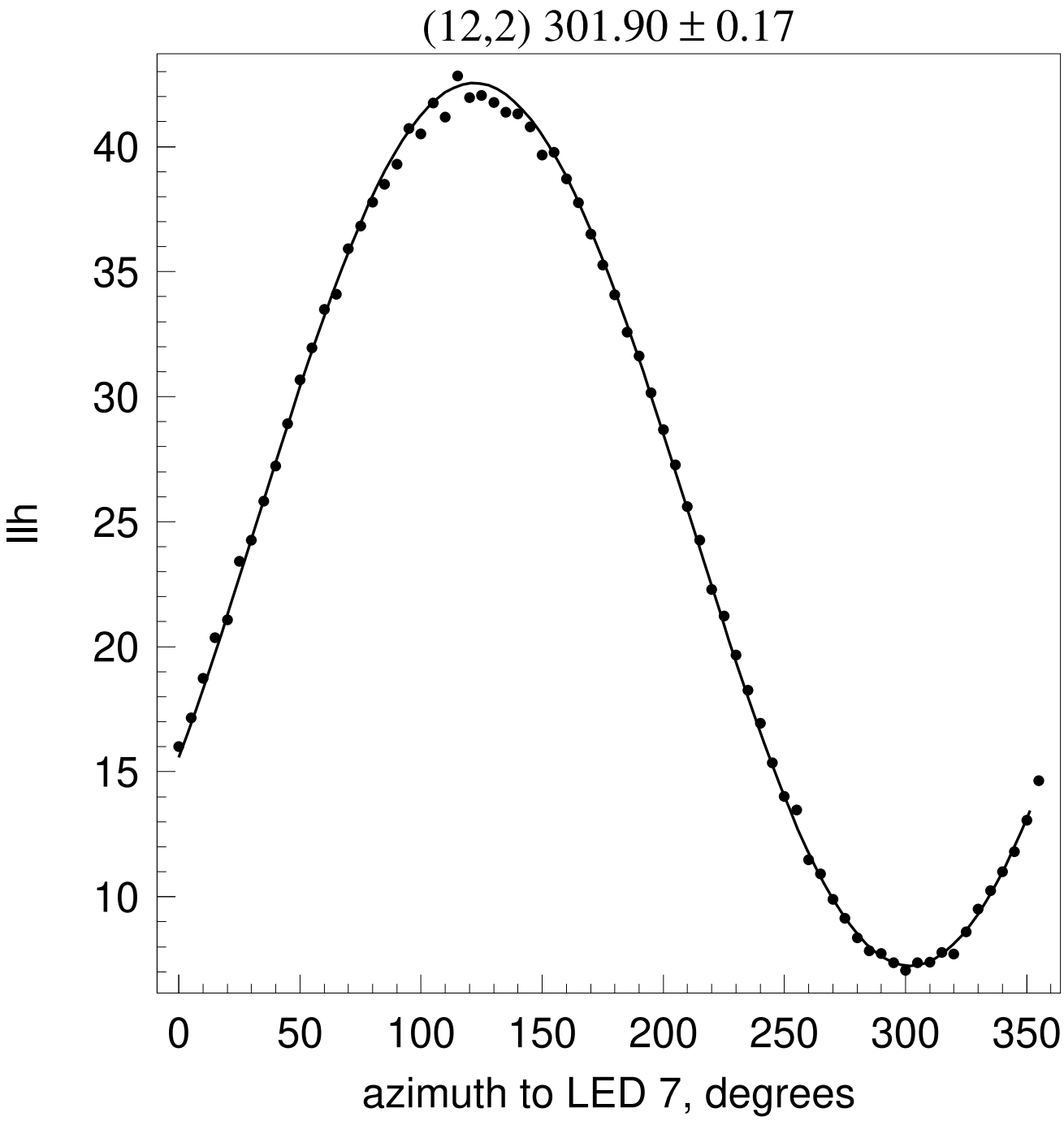

(11,57) 174.79 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

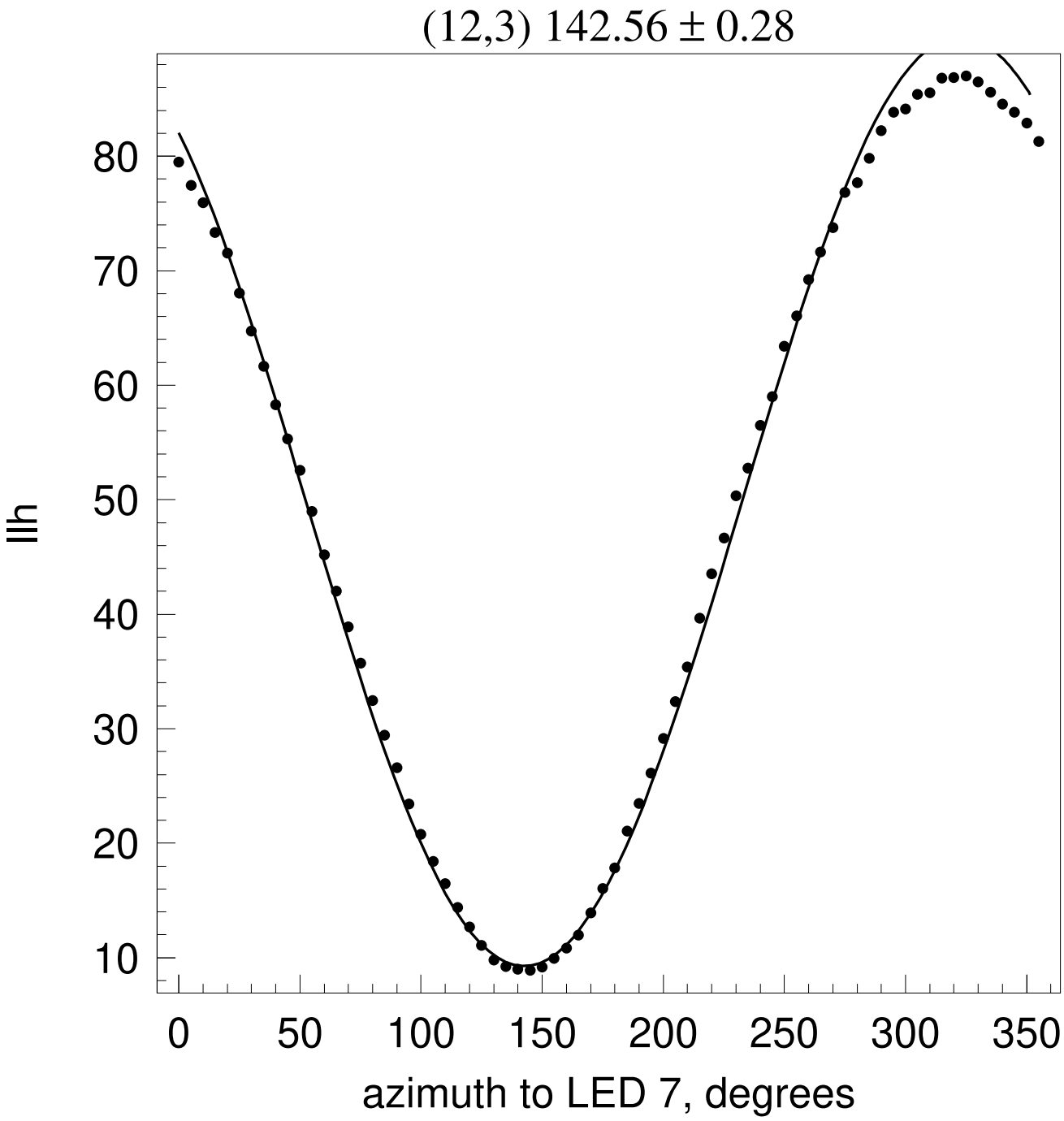

(11,58) 136.41 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

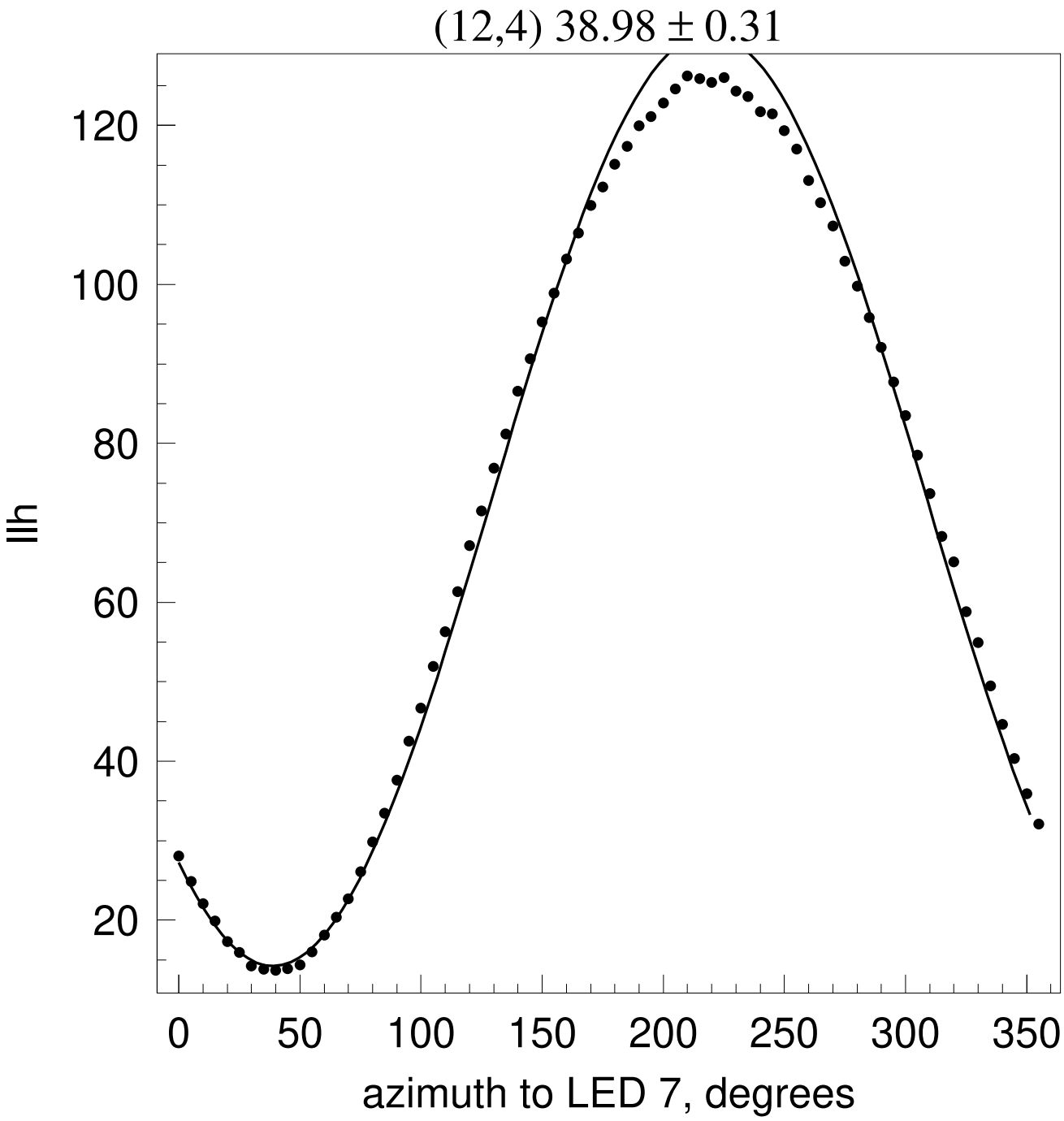

(11,59) 332.05 ± 0.74
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

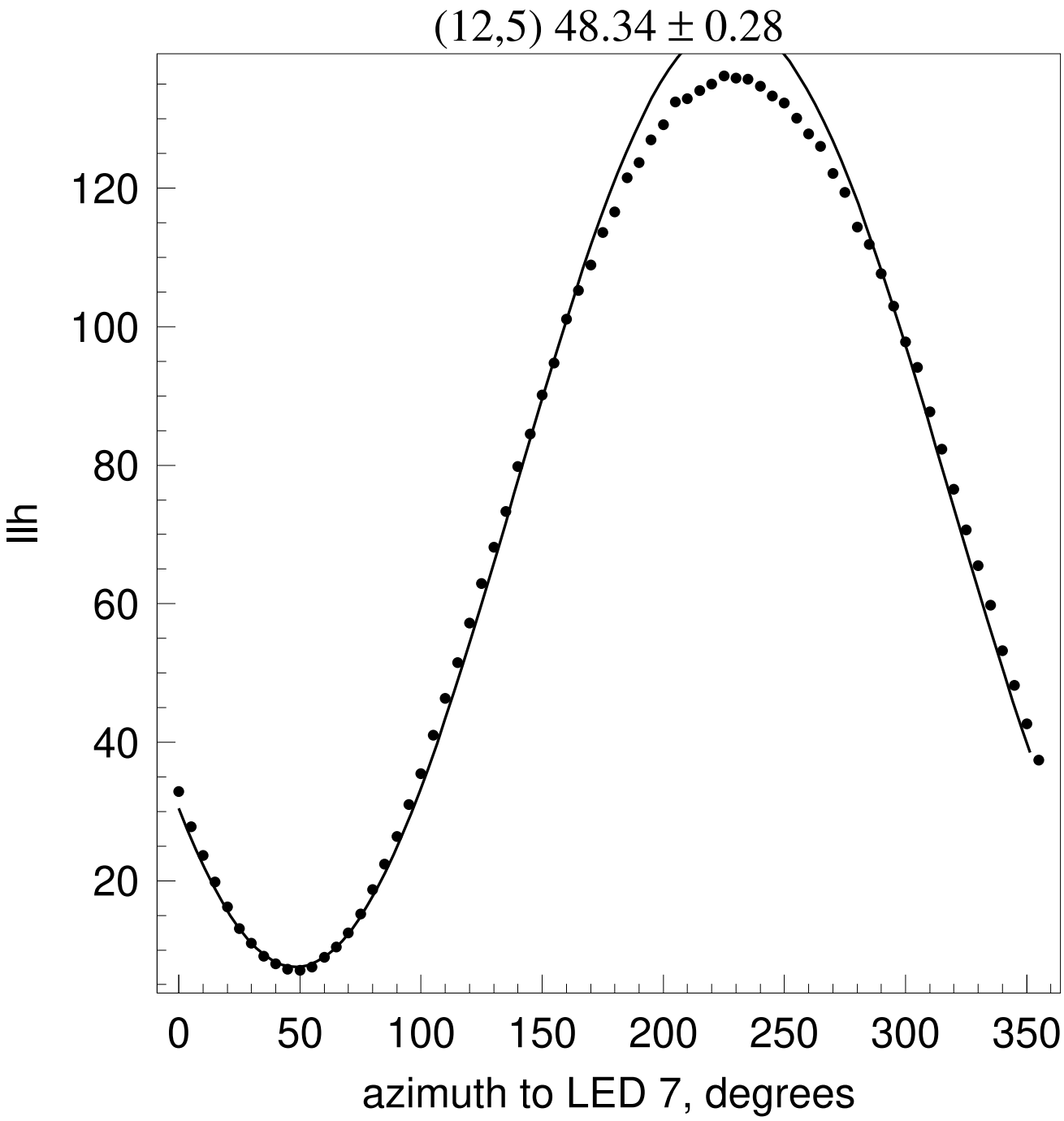

(11,60) 69.45 ± 0.70
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

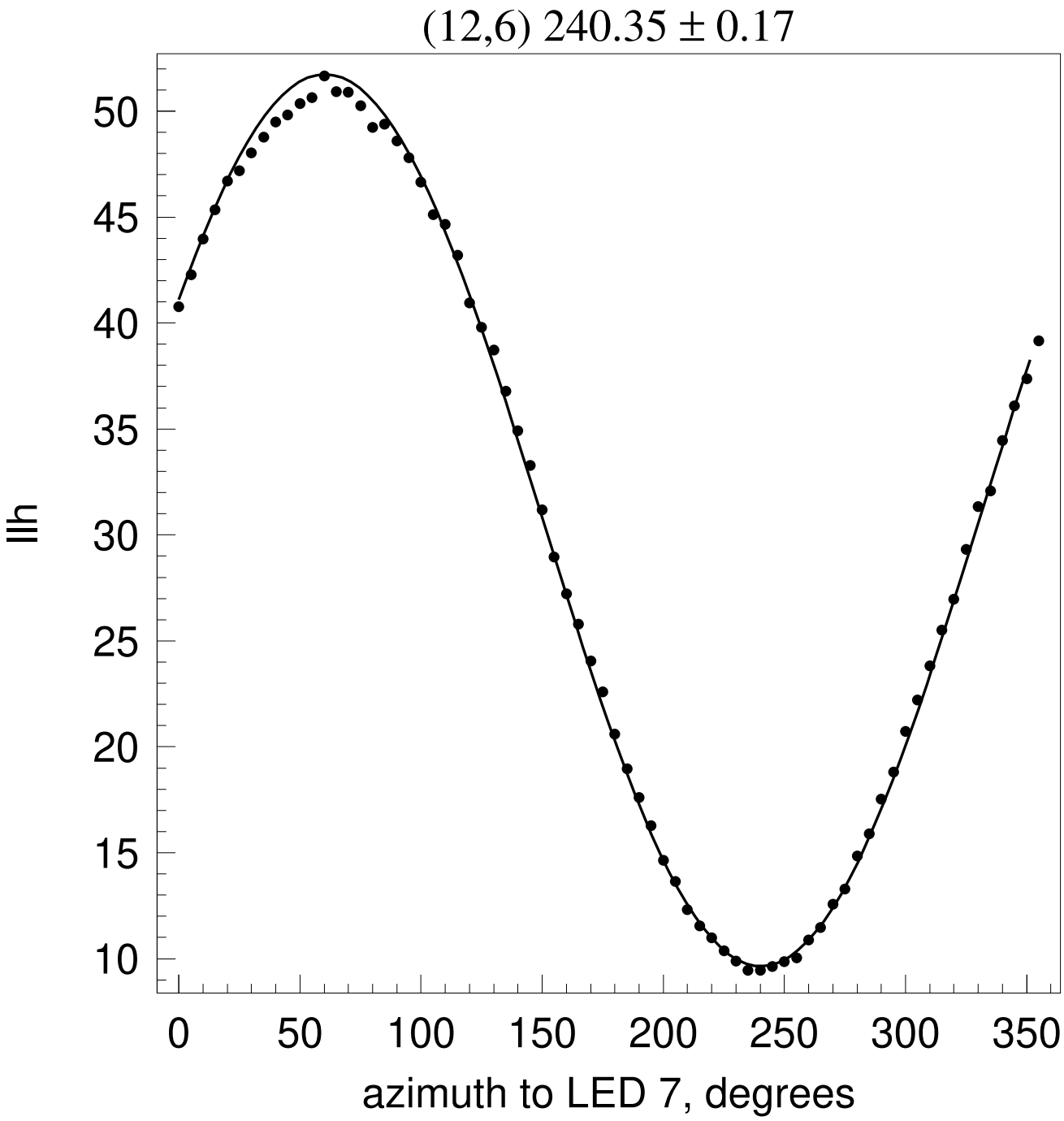

(12,1) 98.58 ± 0.23
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

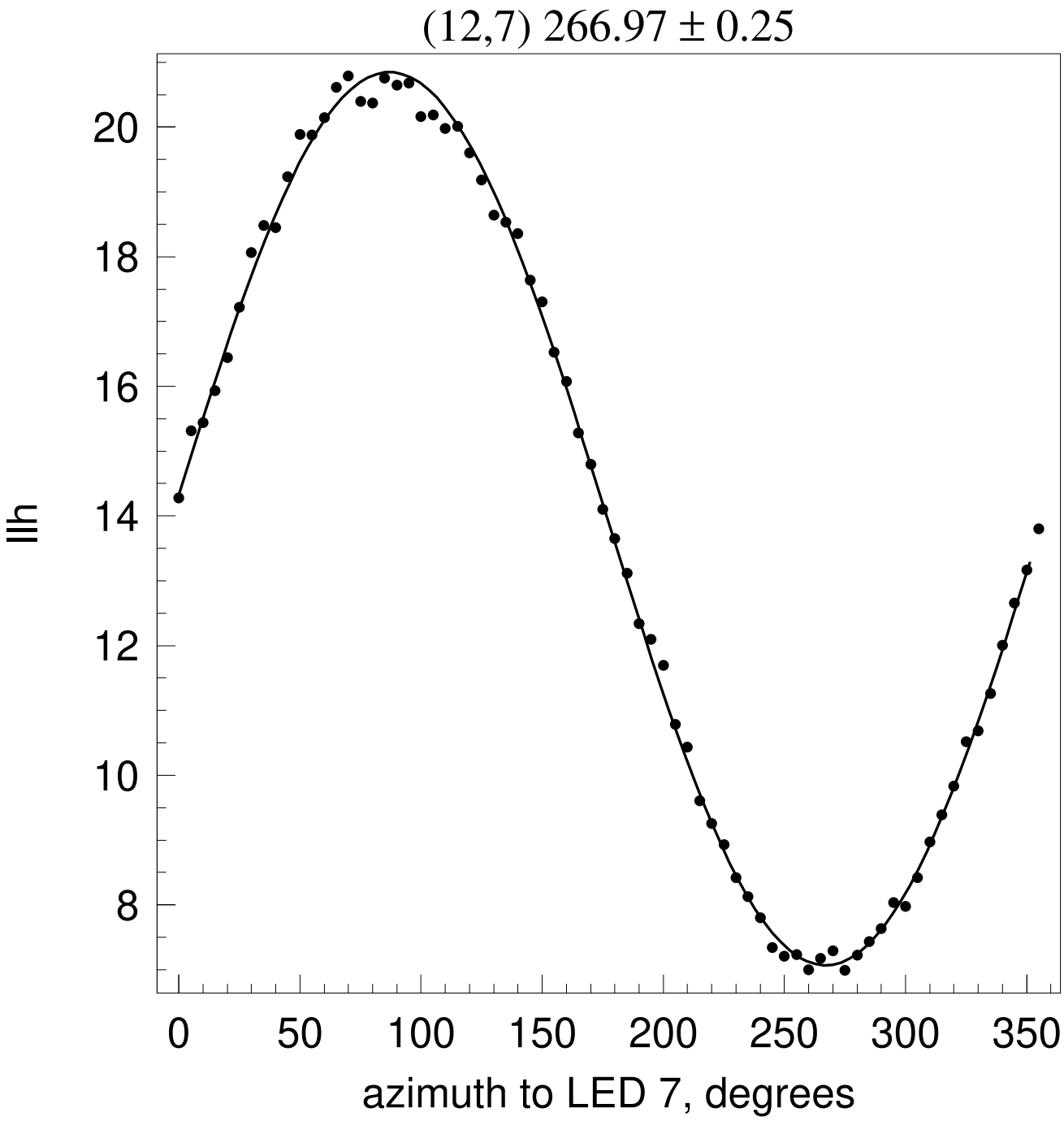

(12,2) 301.90 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

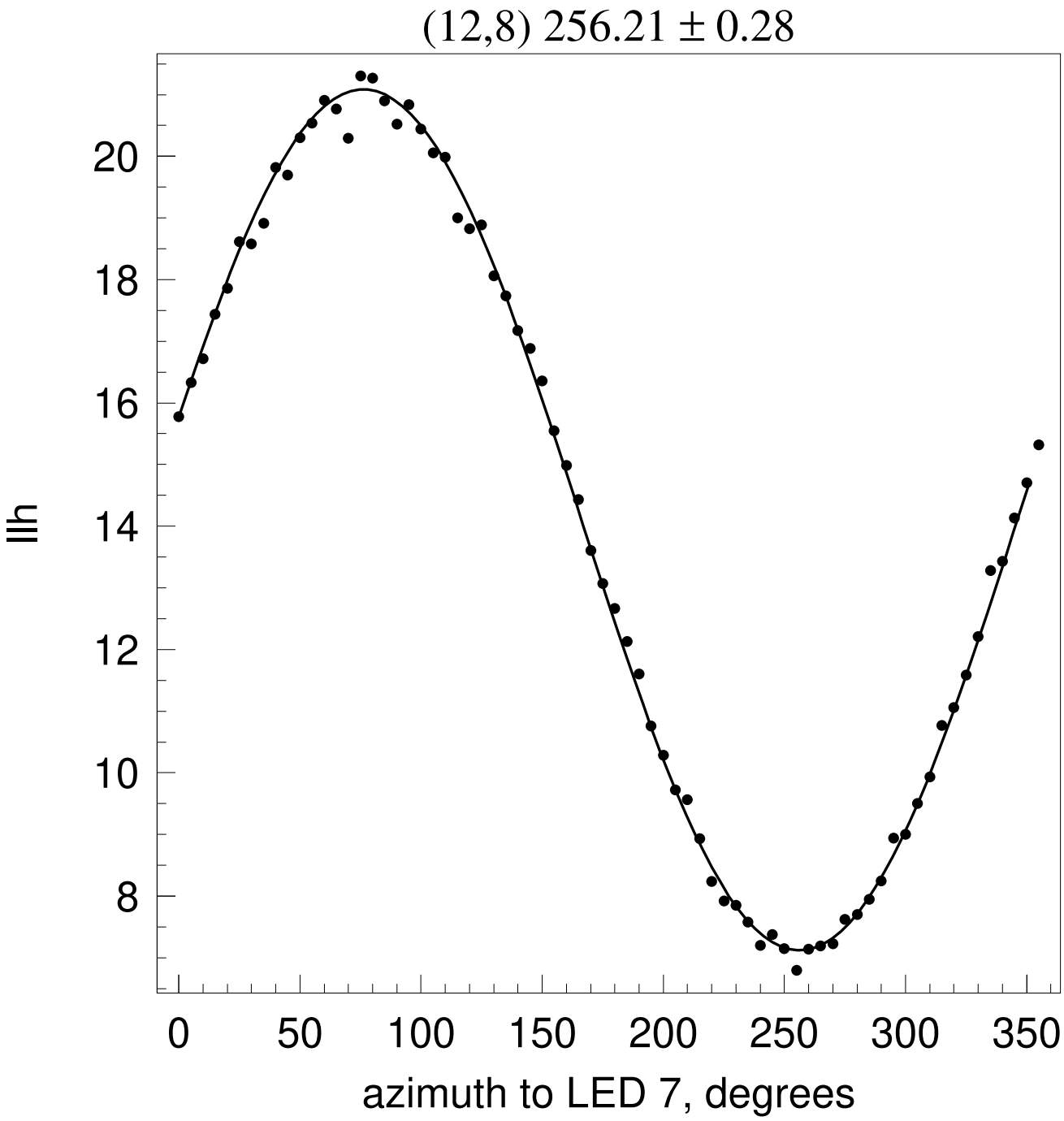

(12,3) 142.56 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

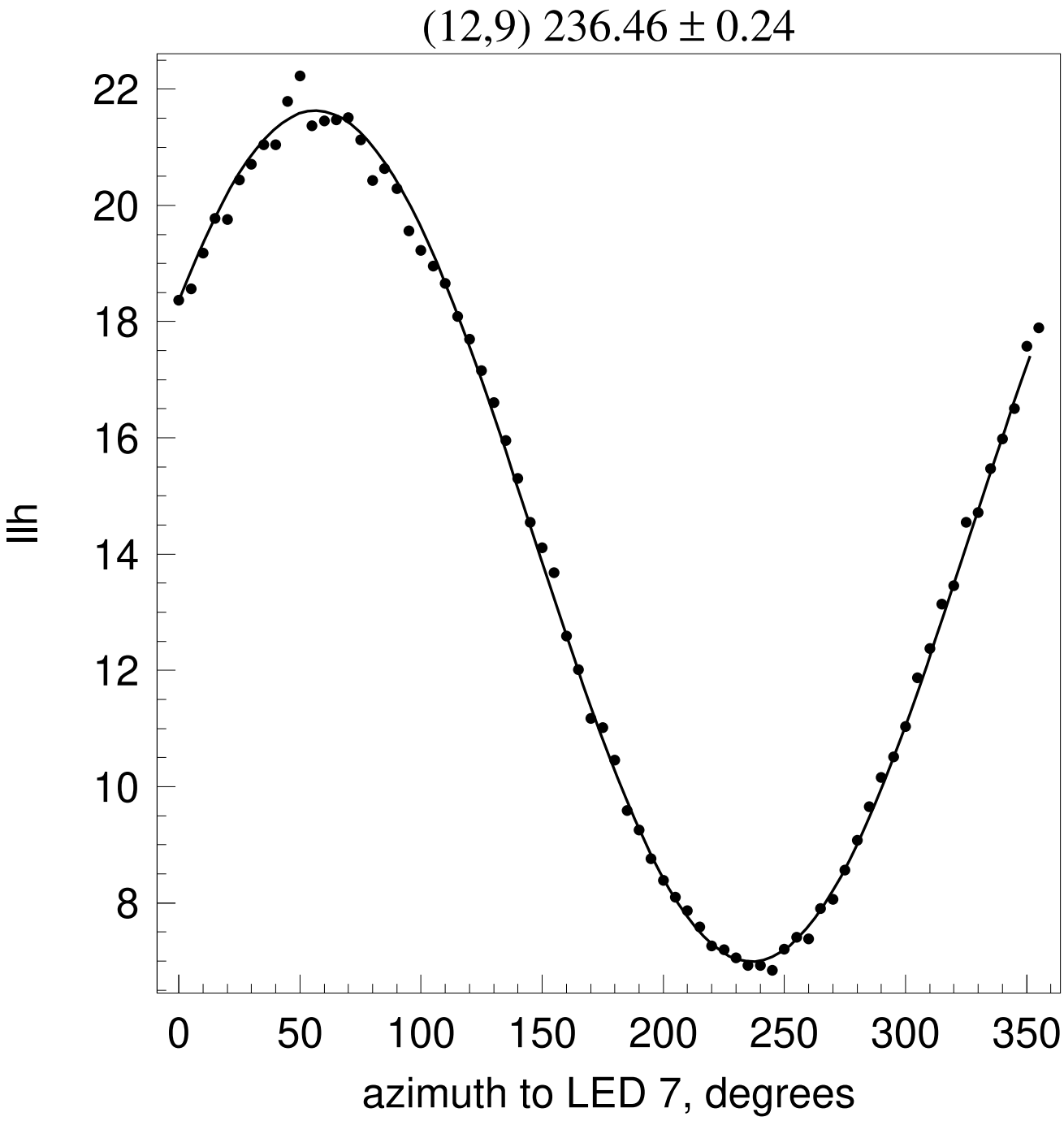

(12,4) 38.98 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

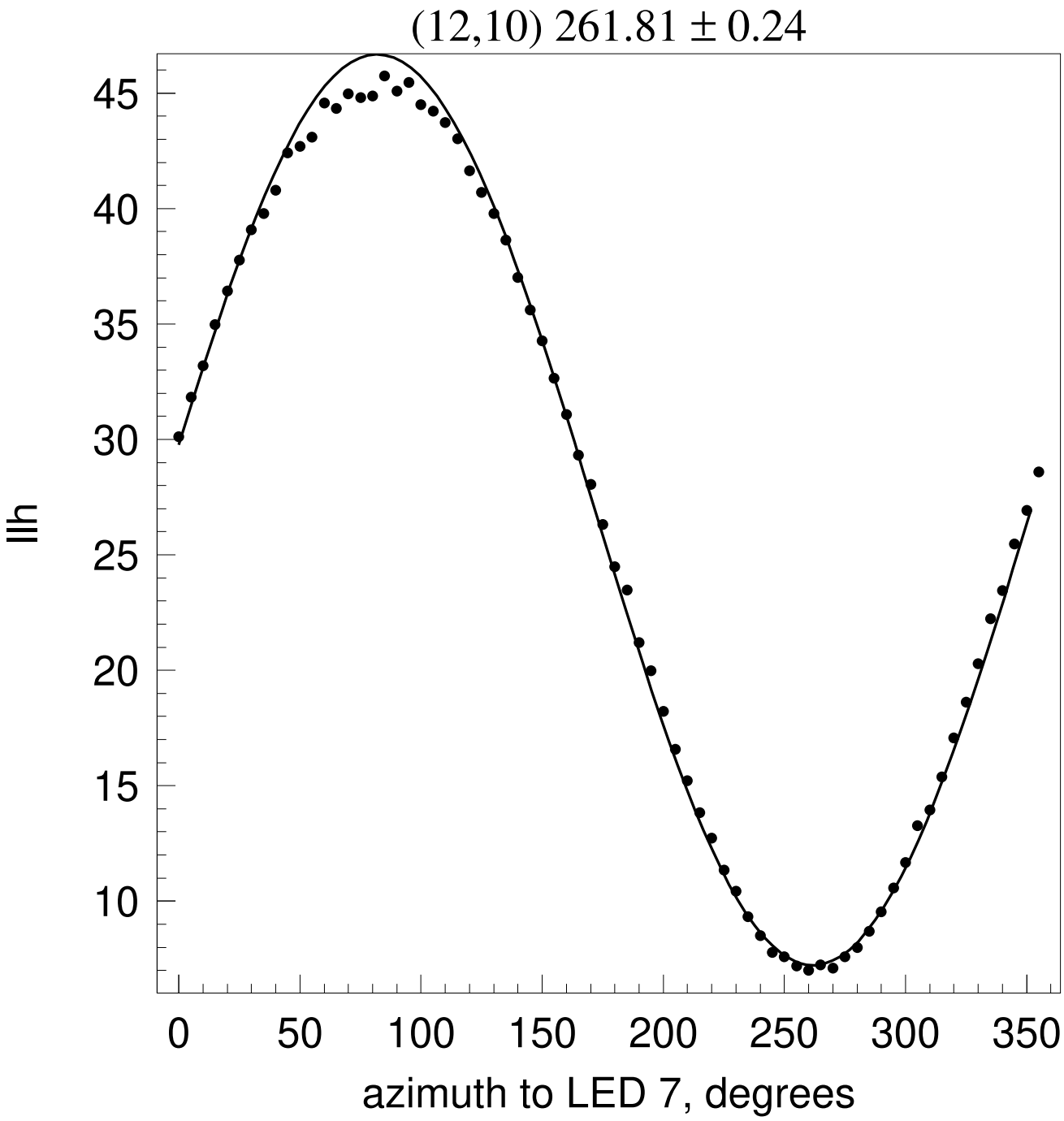

(12,5) 48.34 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

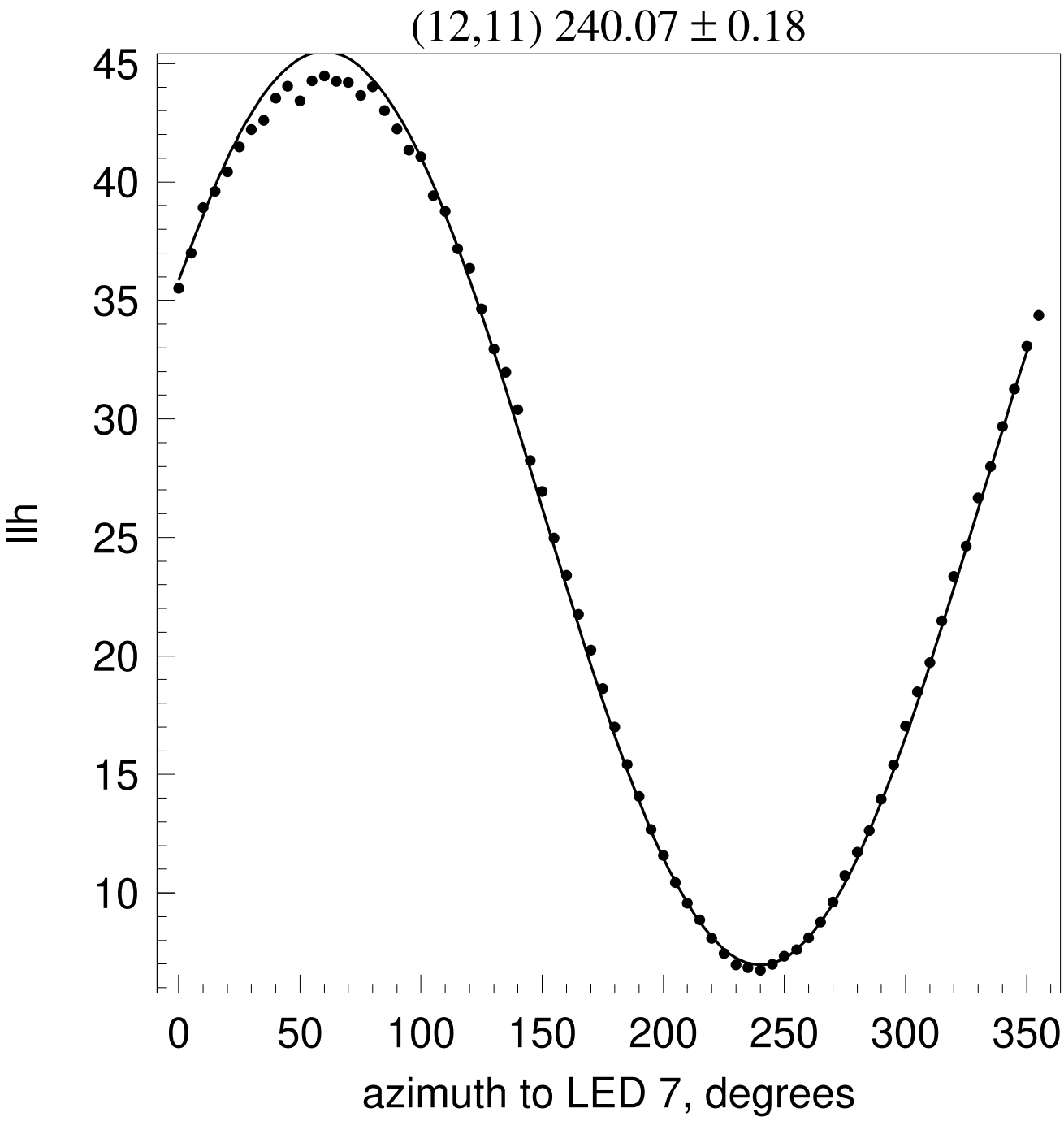

(12,6) 240.35 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

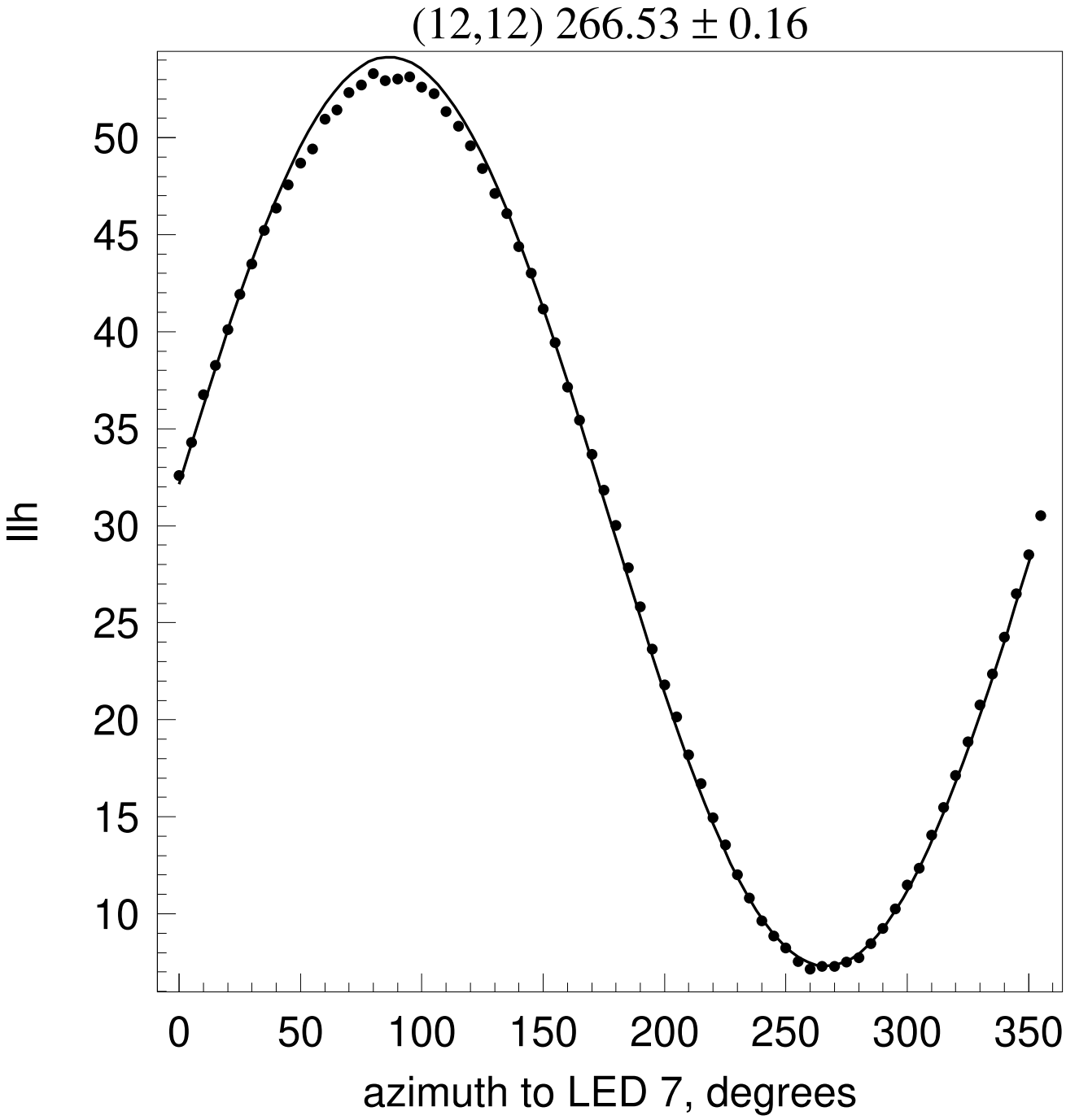

(12,7) 266.97 ± 0.25
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

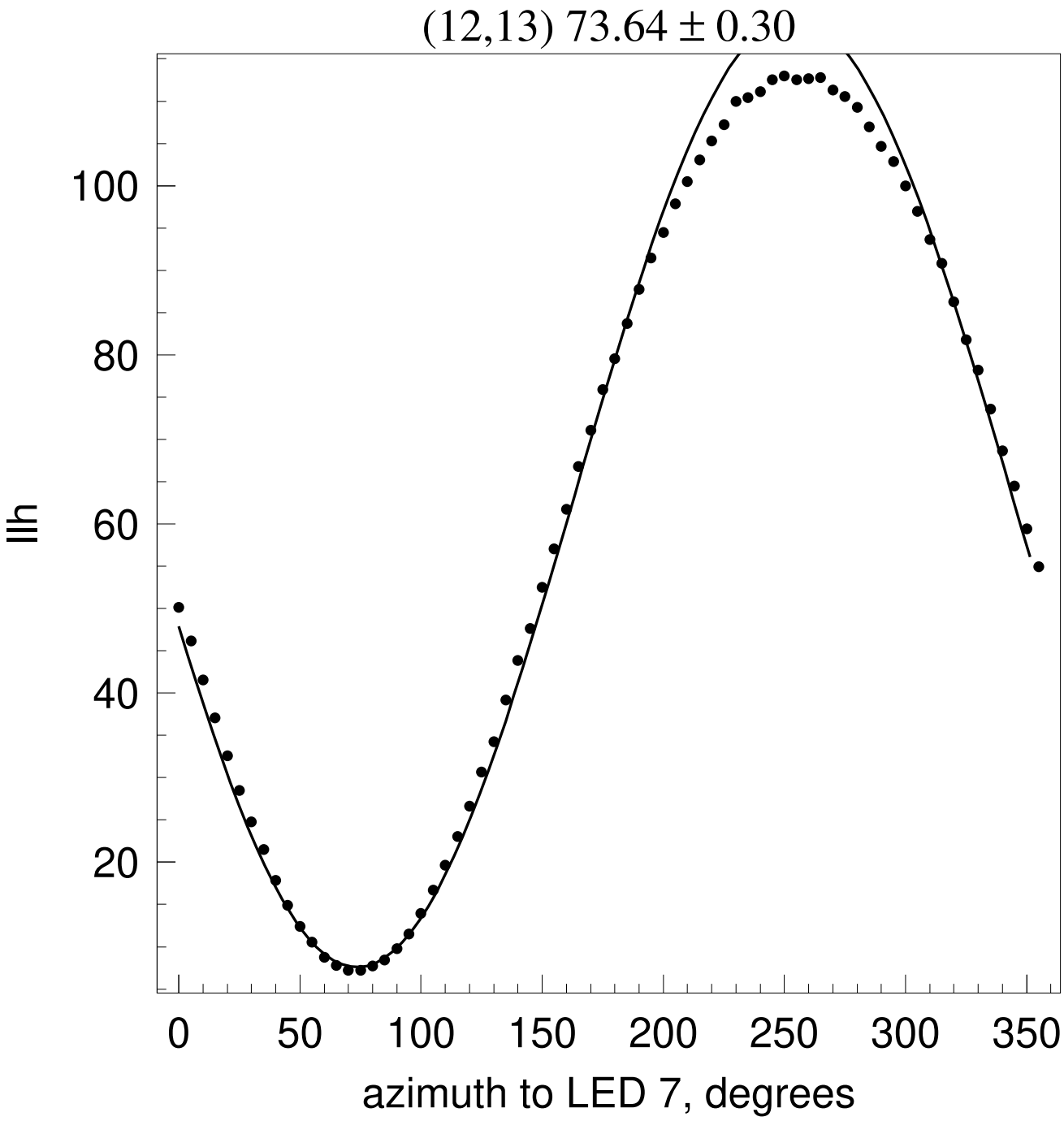

(12,8) 256.21 ± 0.28
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

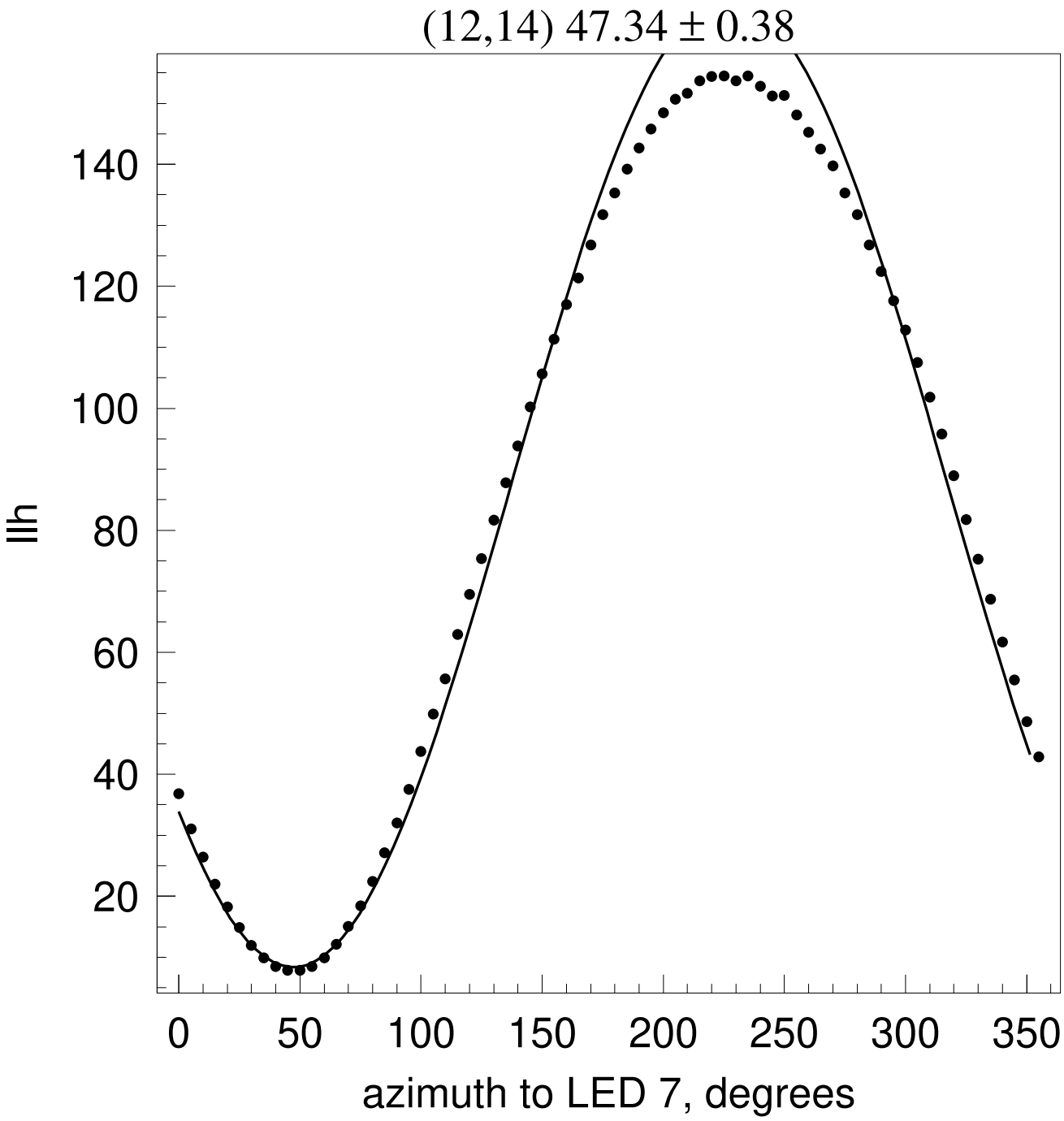

(12,9) 236.46 ± 0.24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

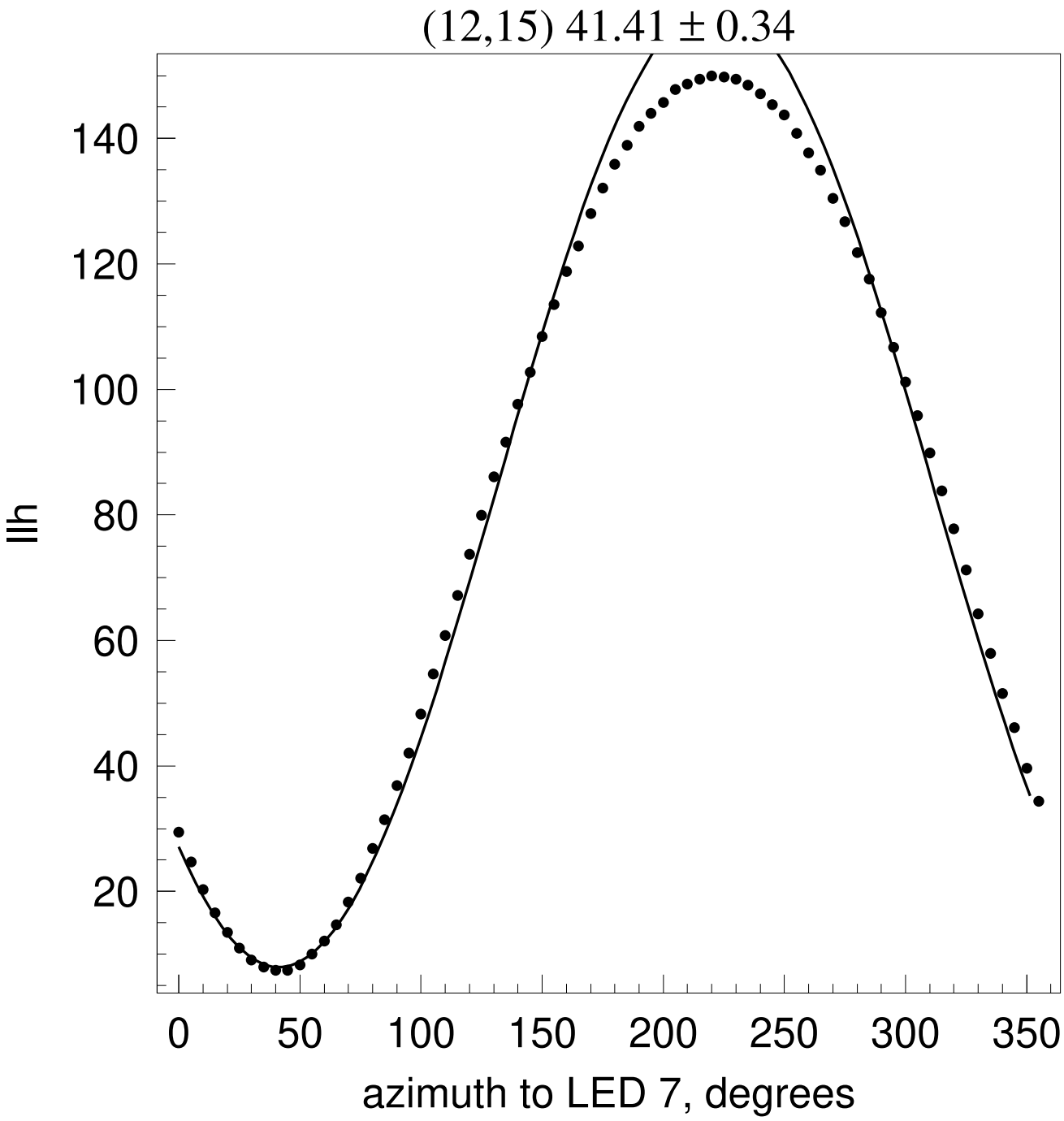

(12,10) 261.81 ± 0.24
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

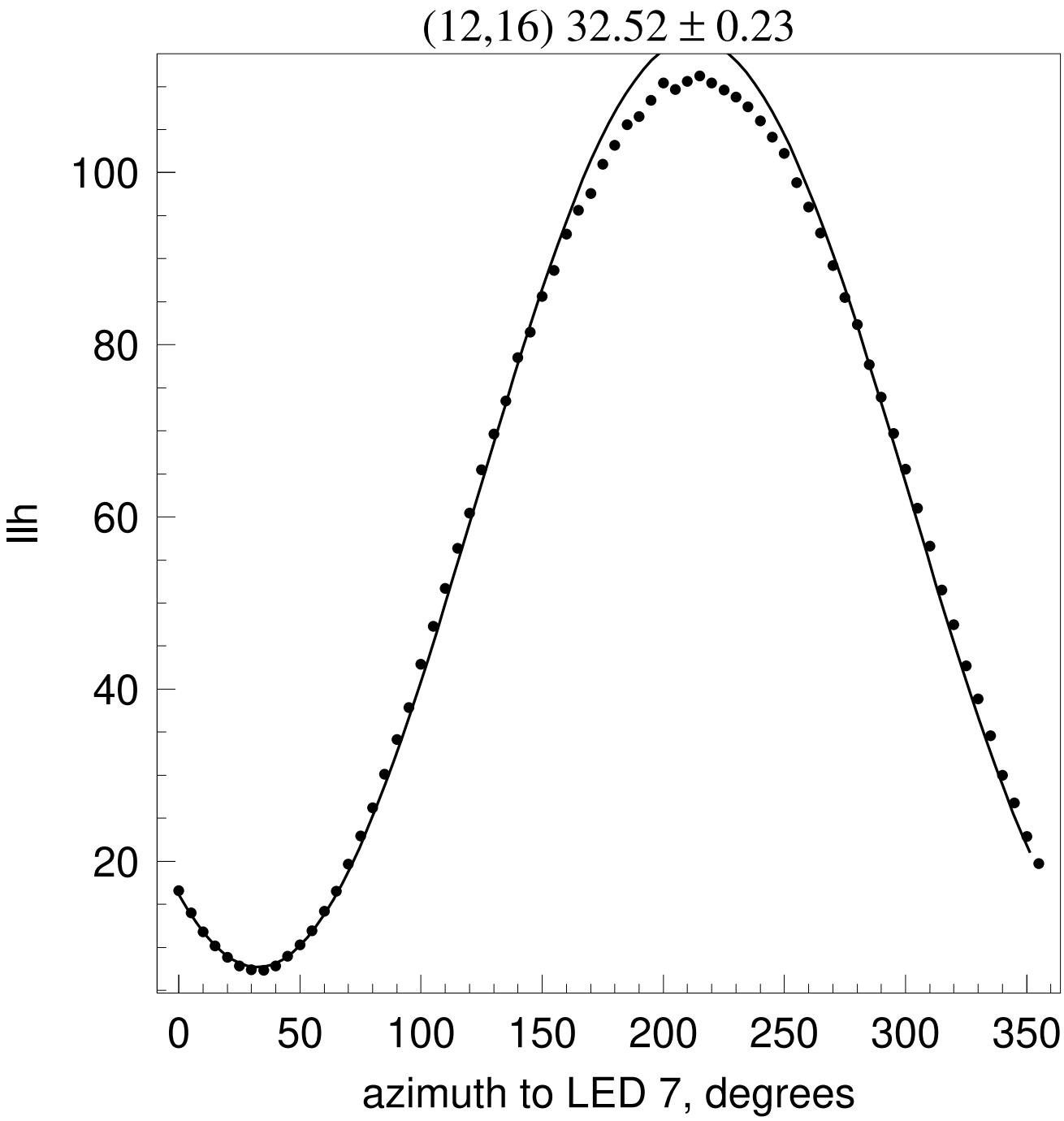

(12,11) 240.07 ± 0.18
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

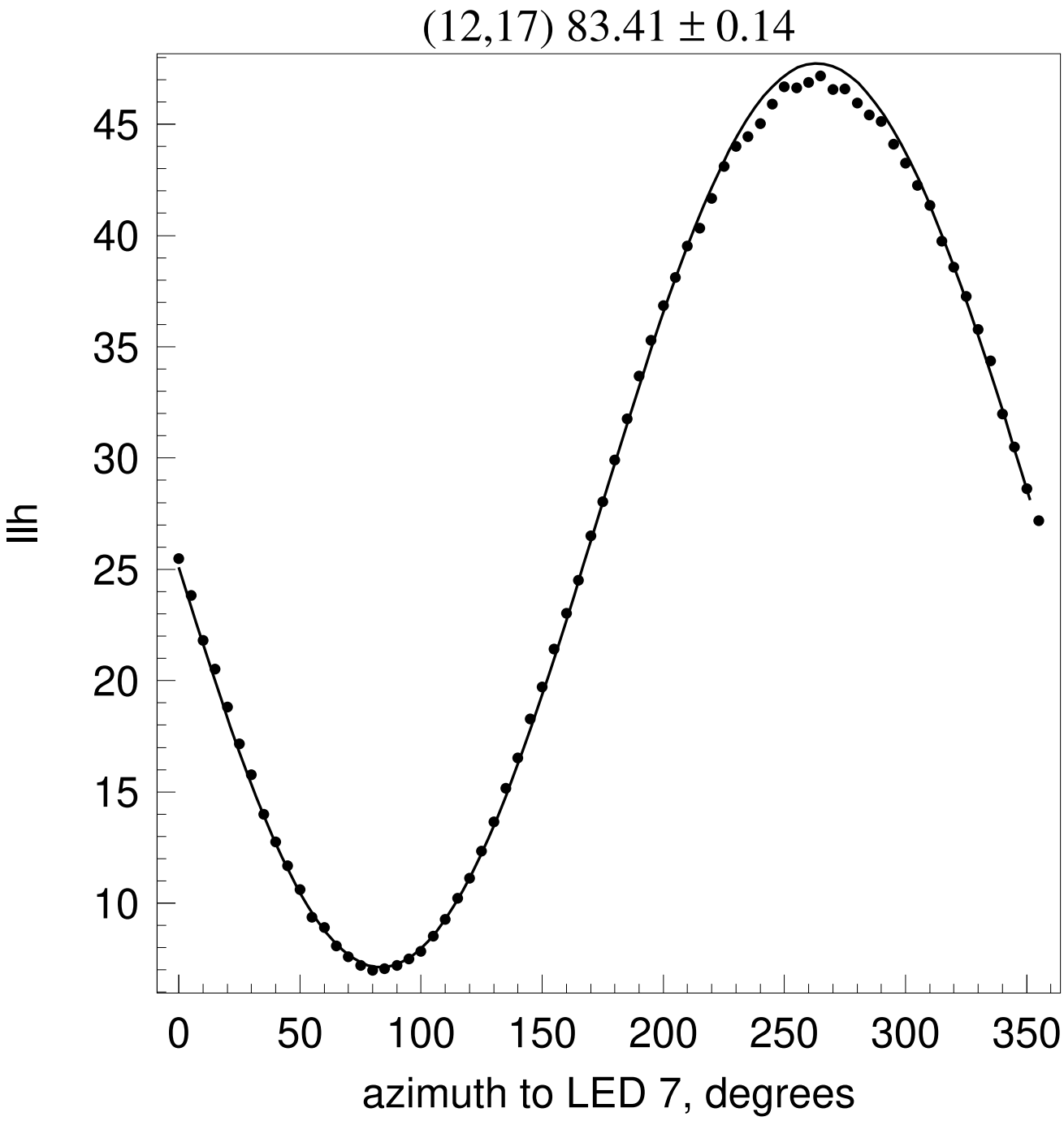

(12,12) 266.53 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

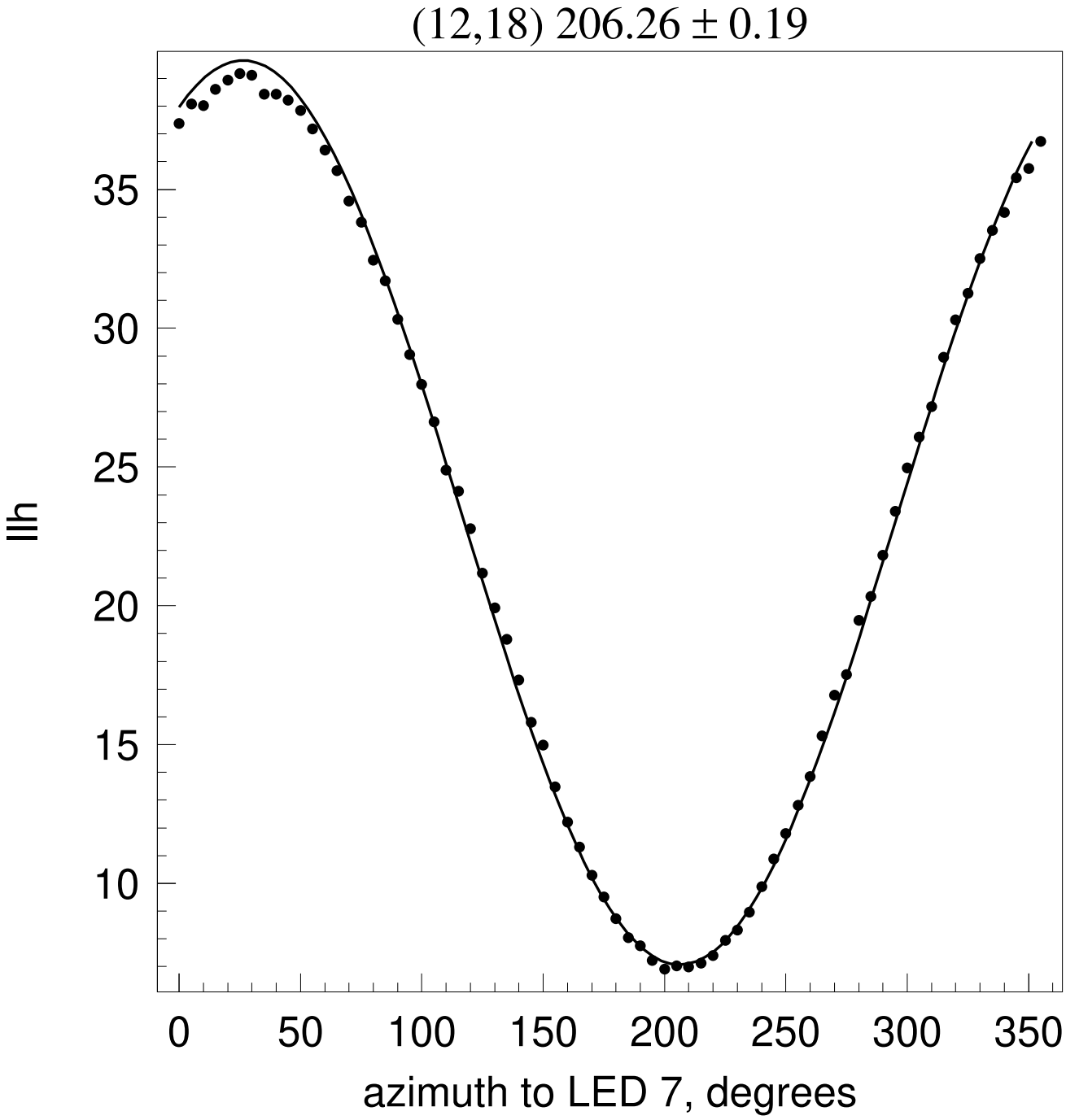

(12,13) 73.64 ± 0.30
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

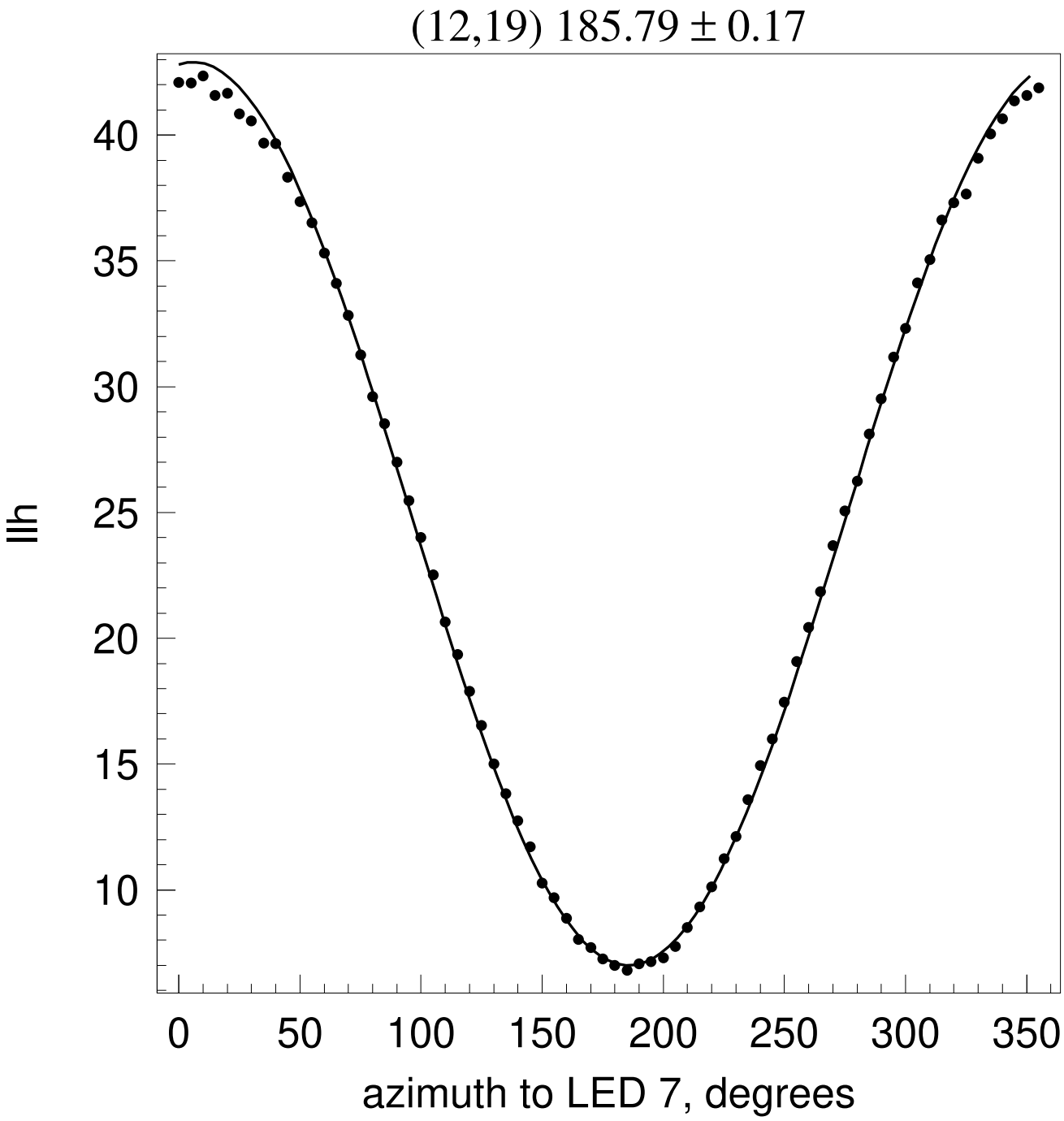

(12,14) 47.34 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

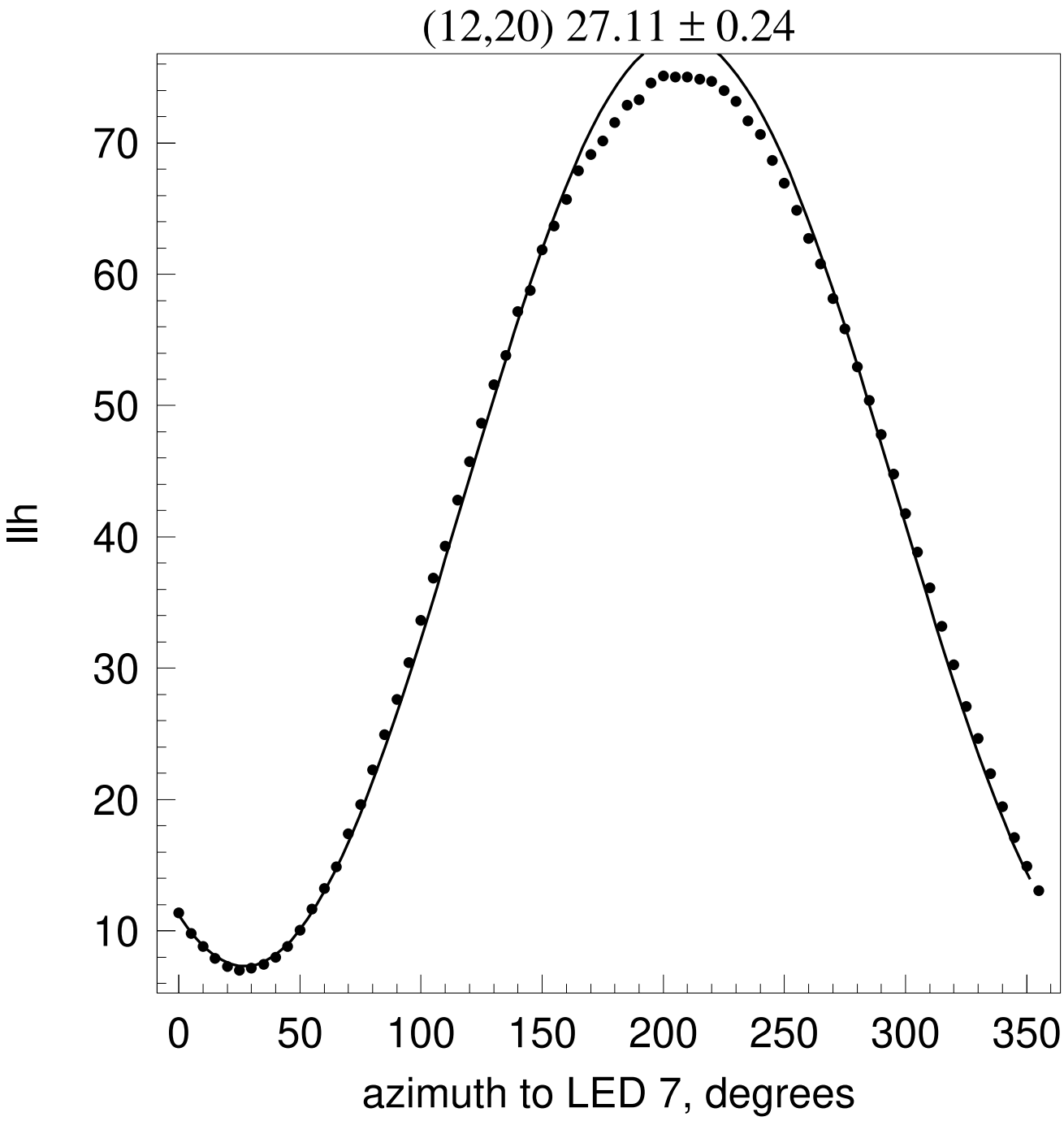

(12,15) 41.41 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

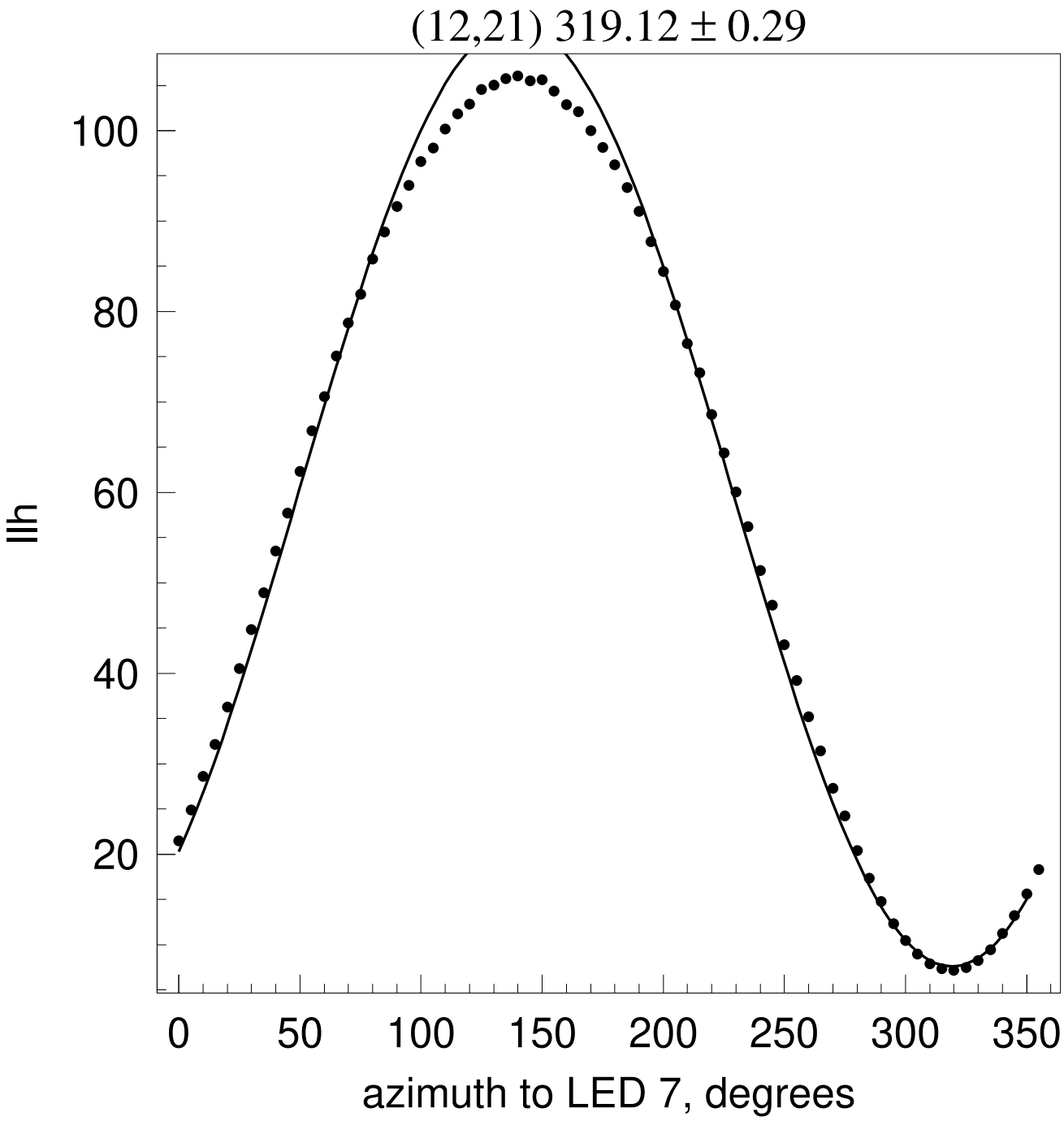

(12,16) 32.52 ± 0.23
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

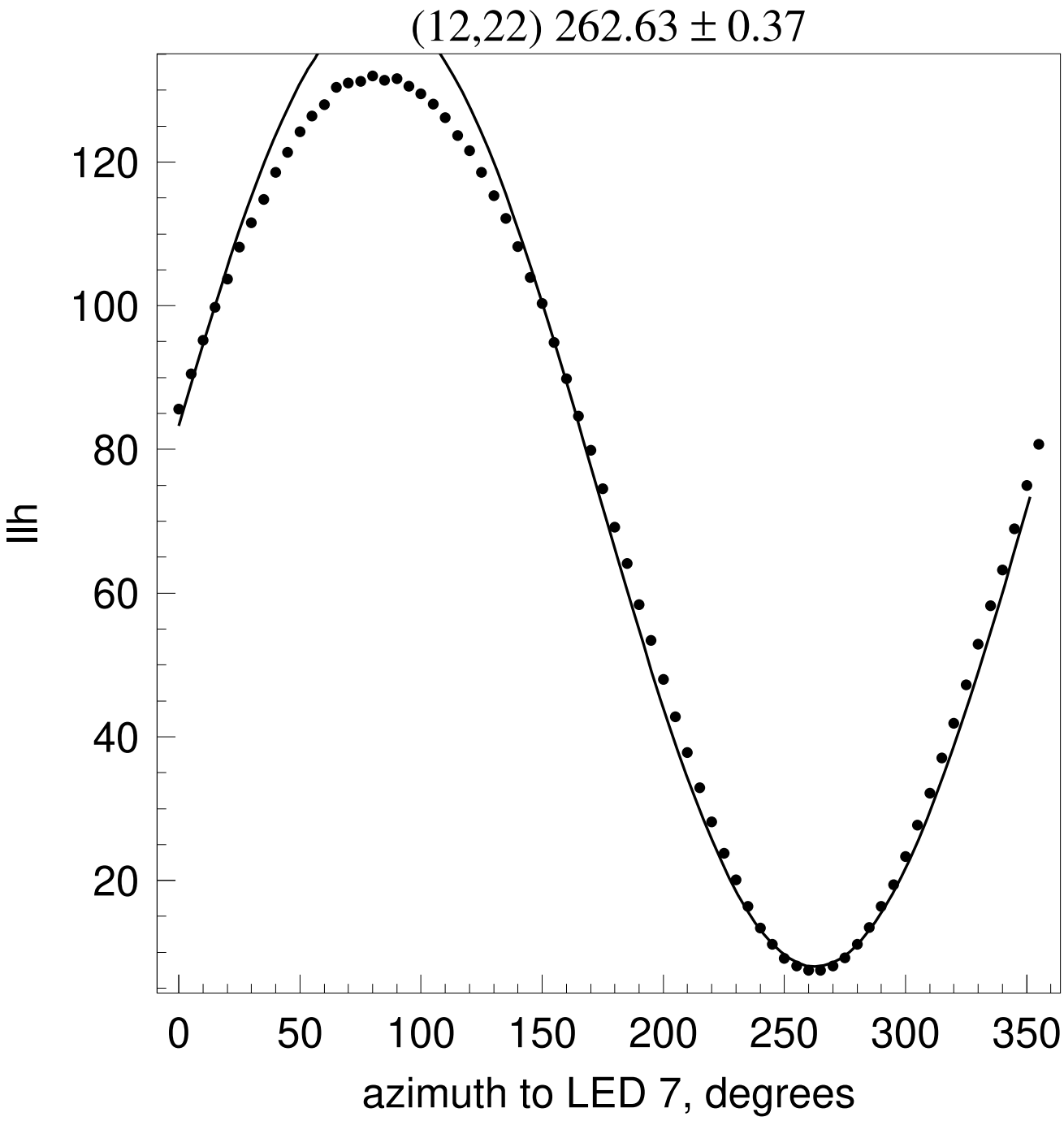

(12,17) 83.41 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

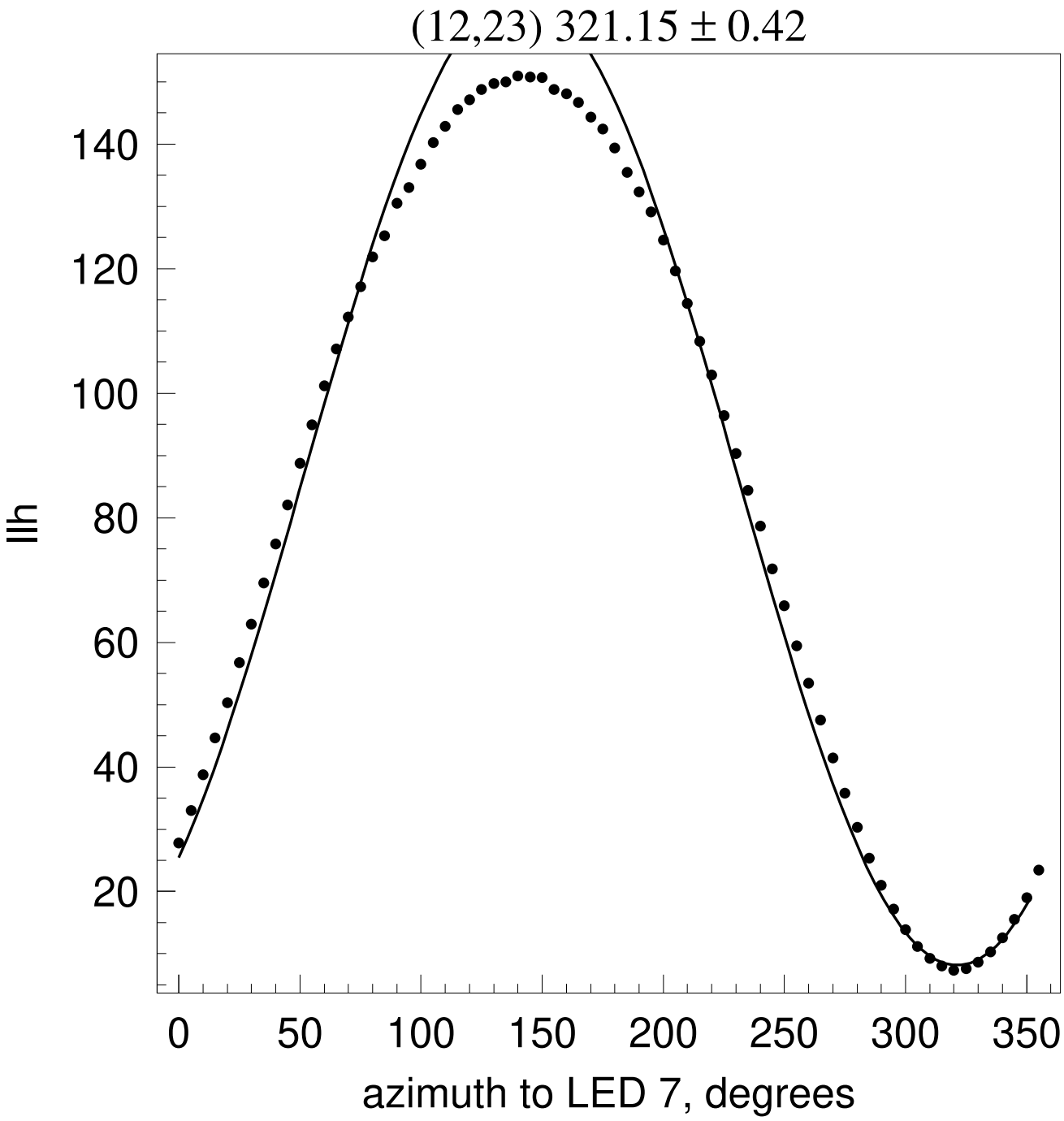

(12,18) 206.26 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

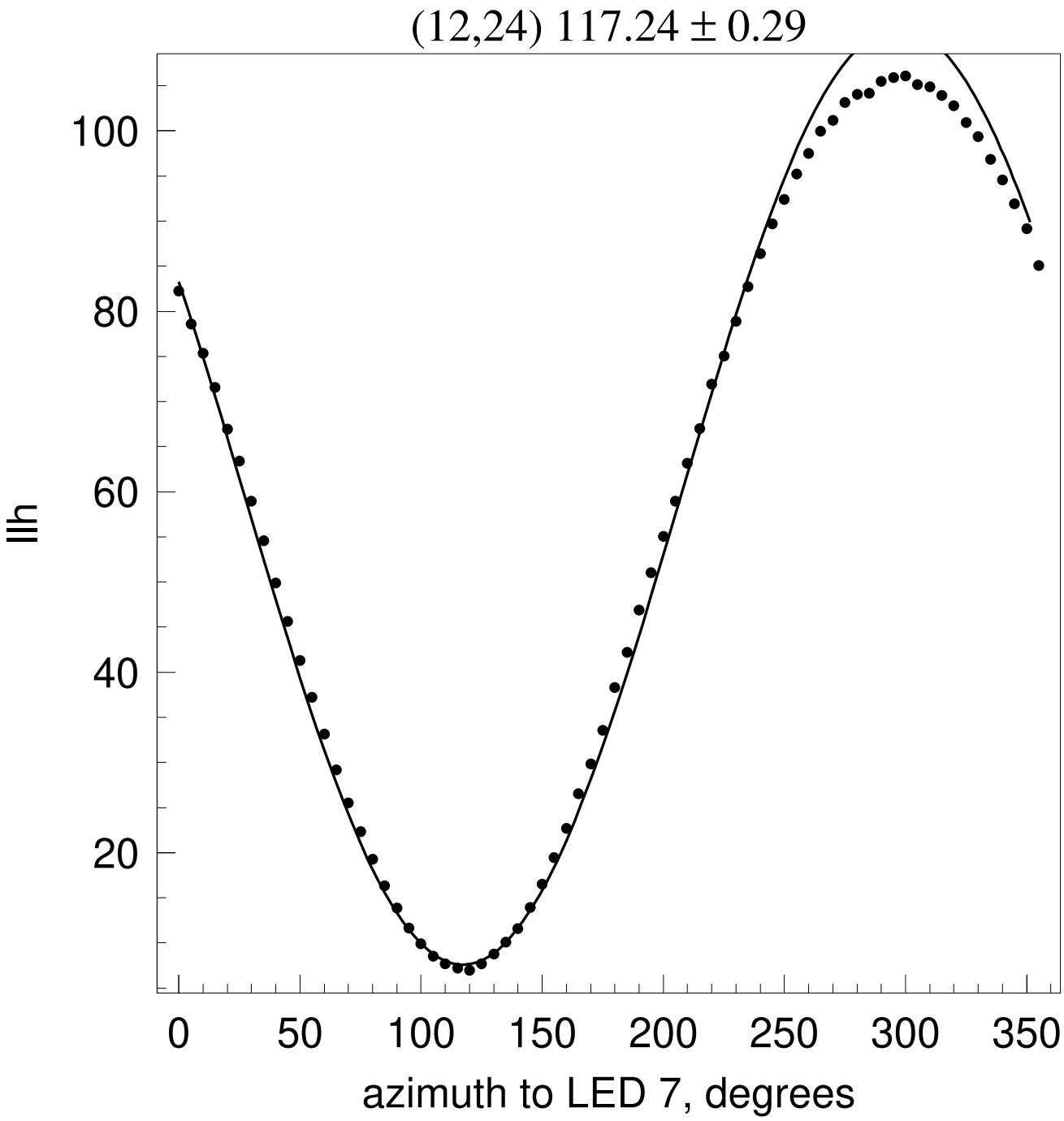

(12,19) 185.79 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

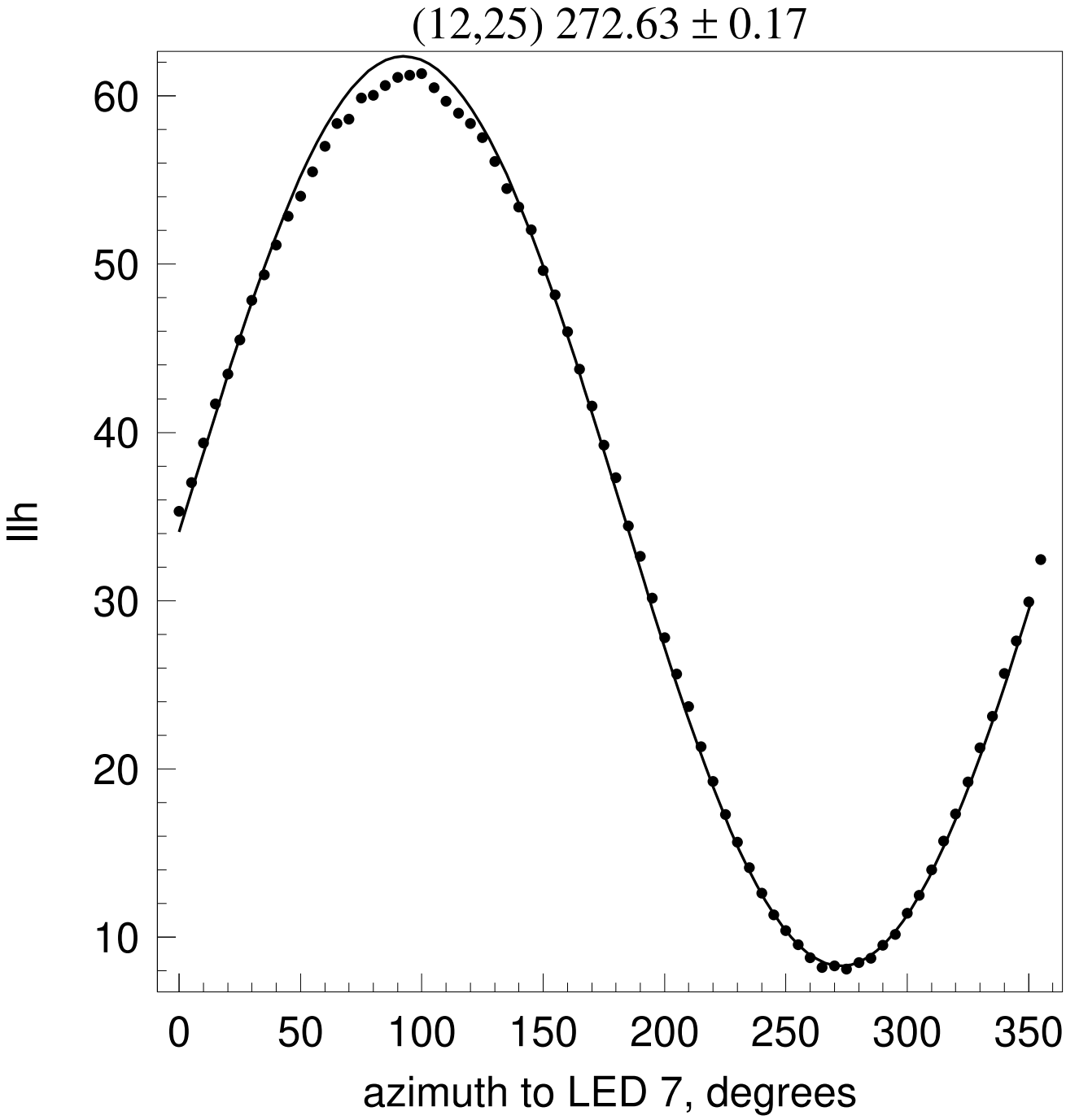

(12,20) 27.11 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

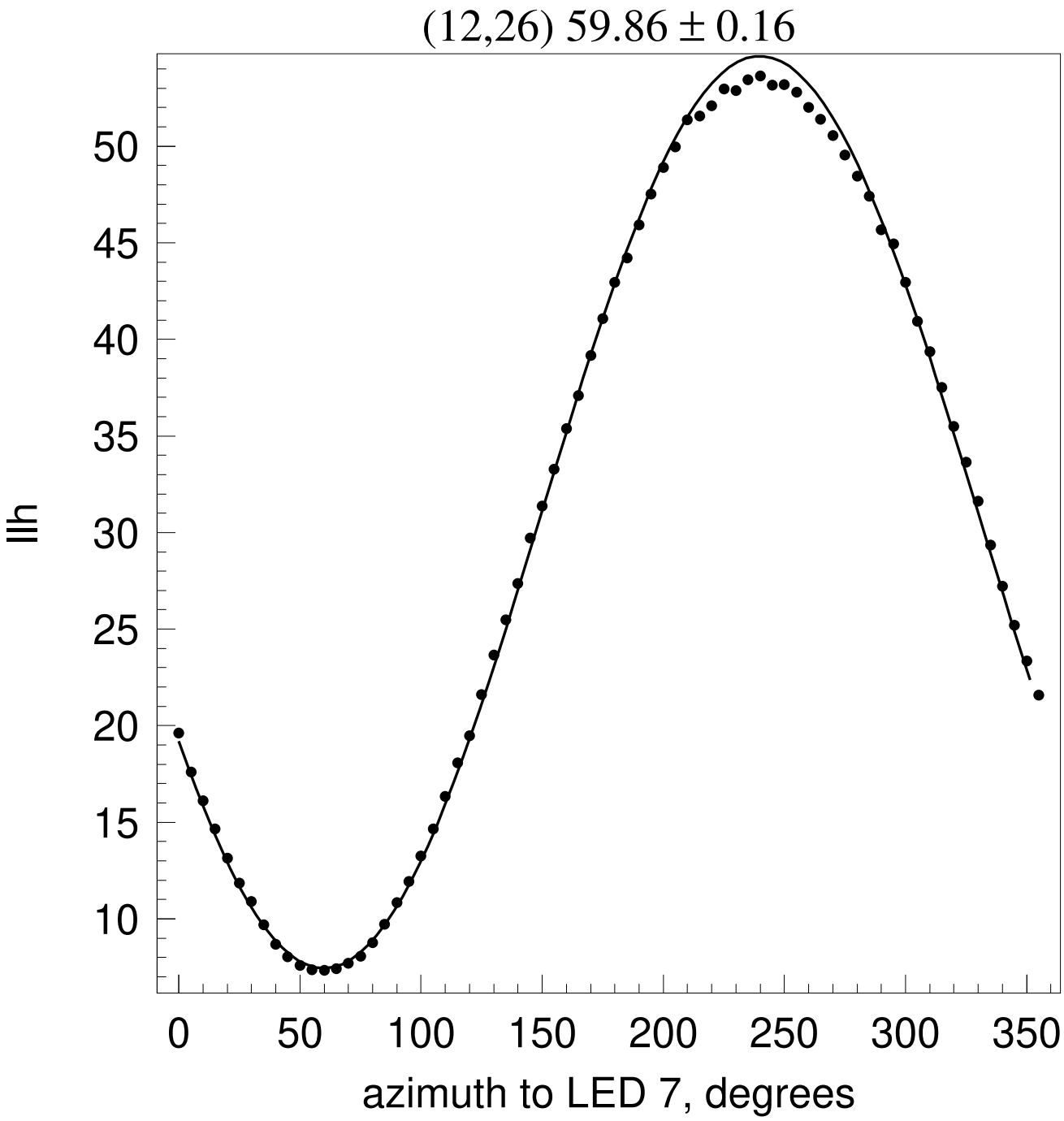

(12,21) 319.12 ± 0.29
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

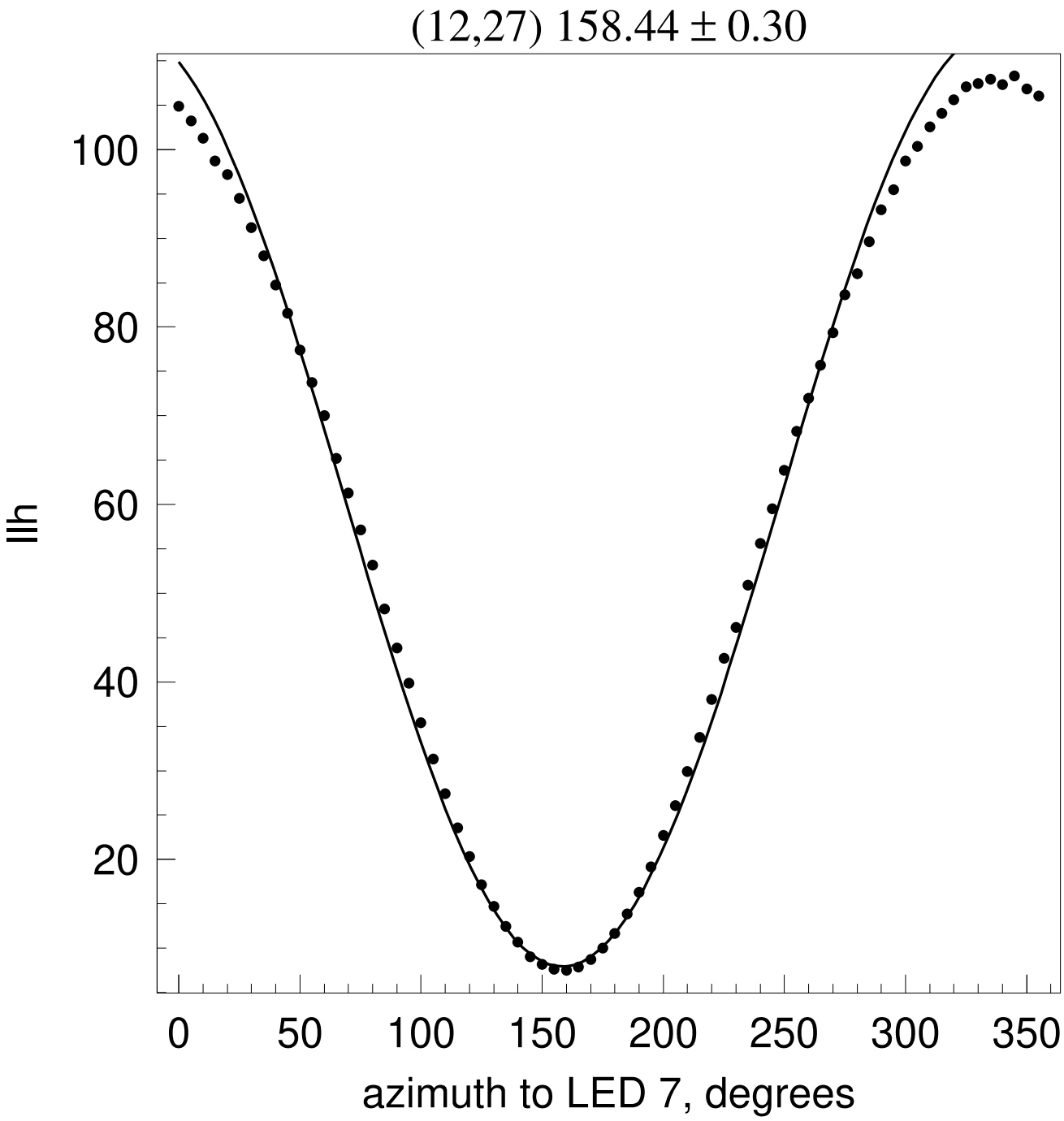

(12,22) 262.63 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

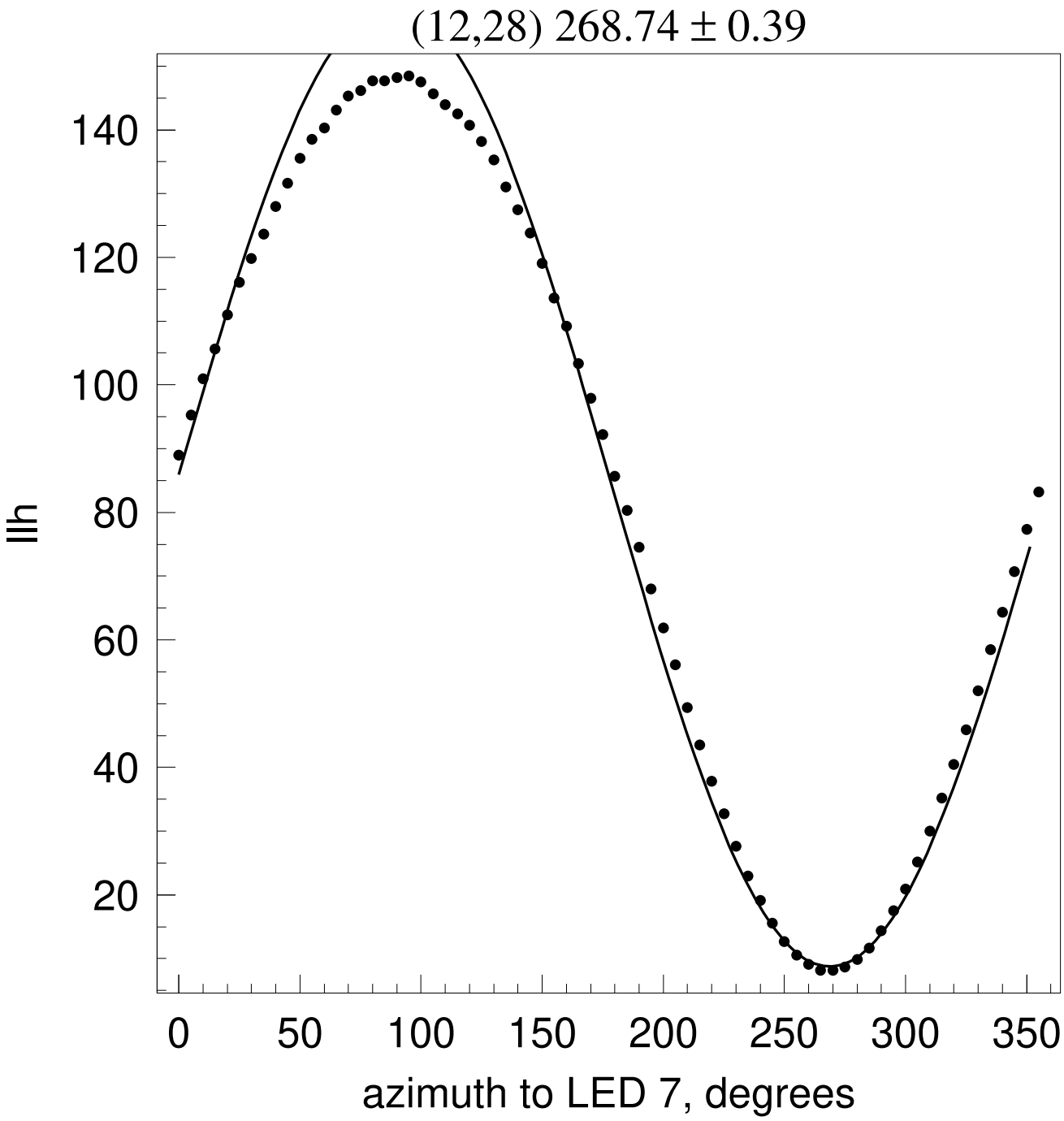

(12,23) 321.15 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

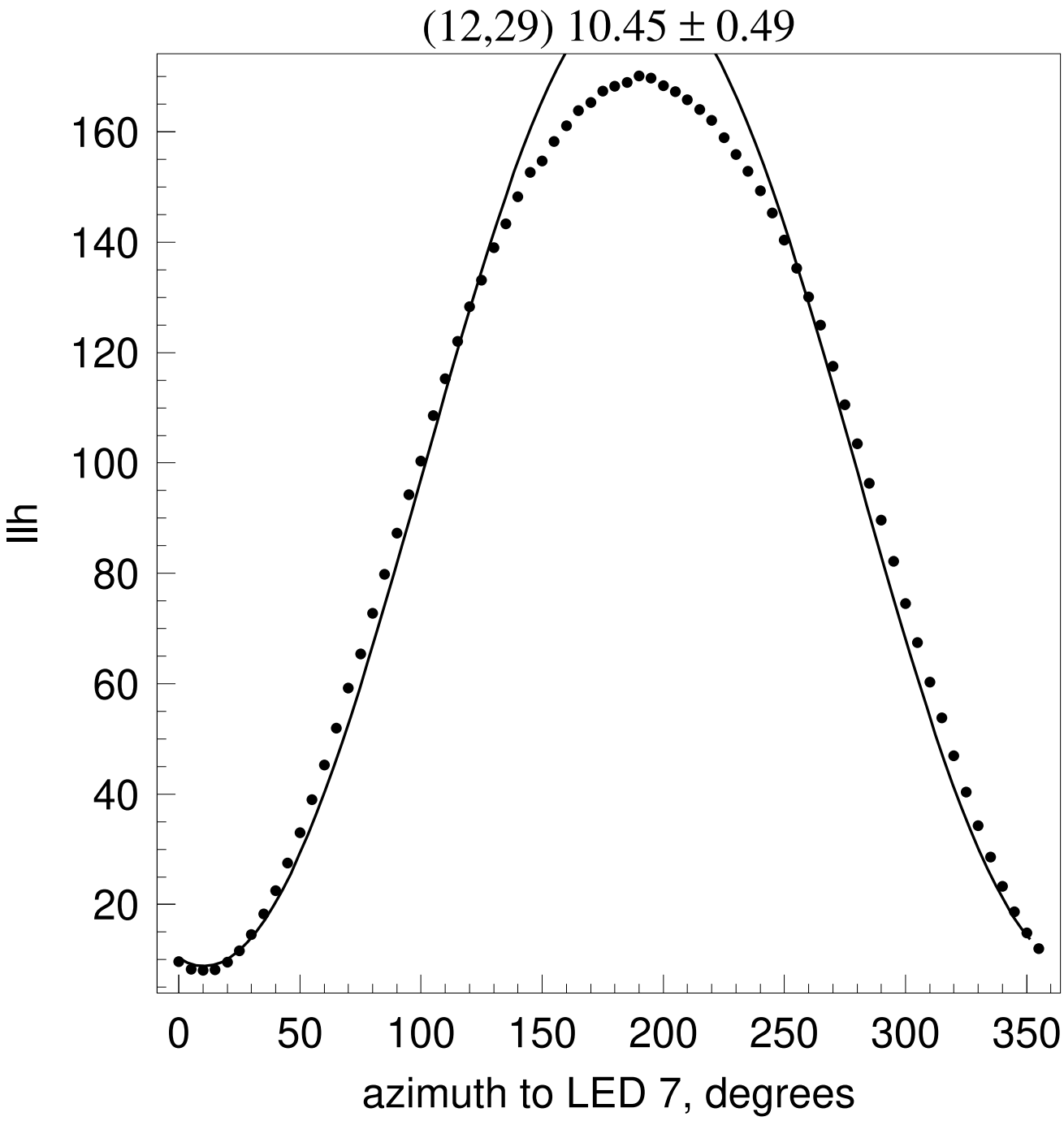

(12,24) 117.24 ± 0.29
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

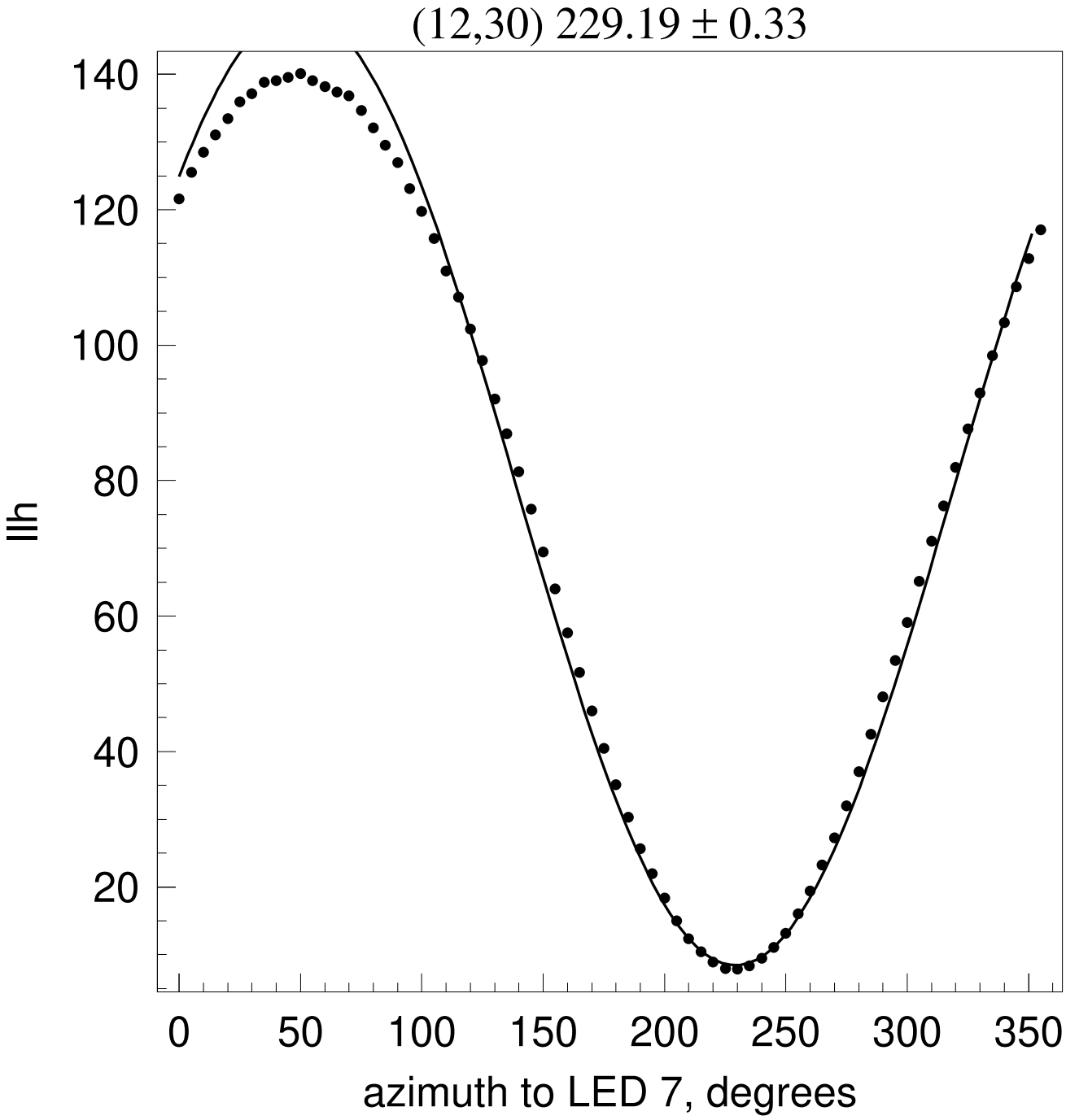

(12,25) 272.63 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

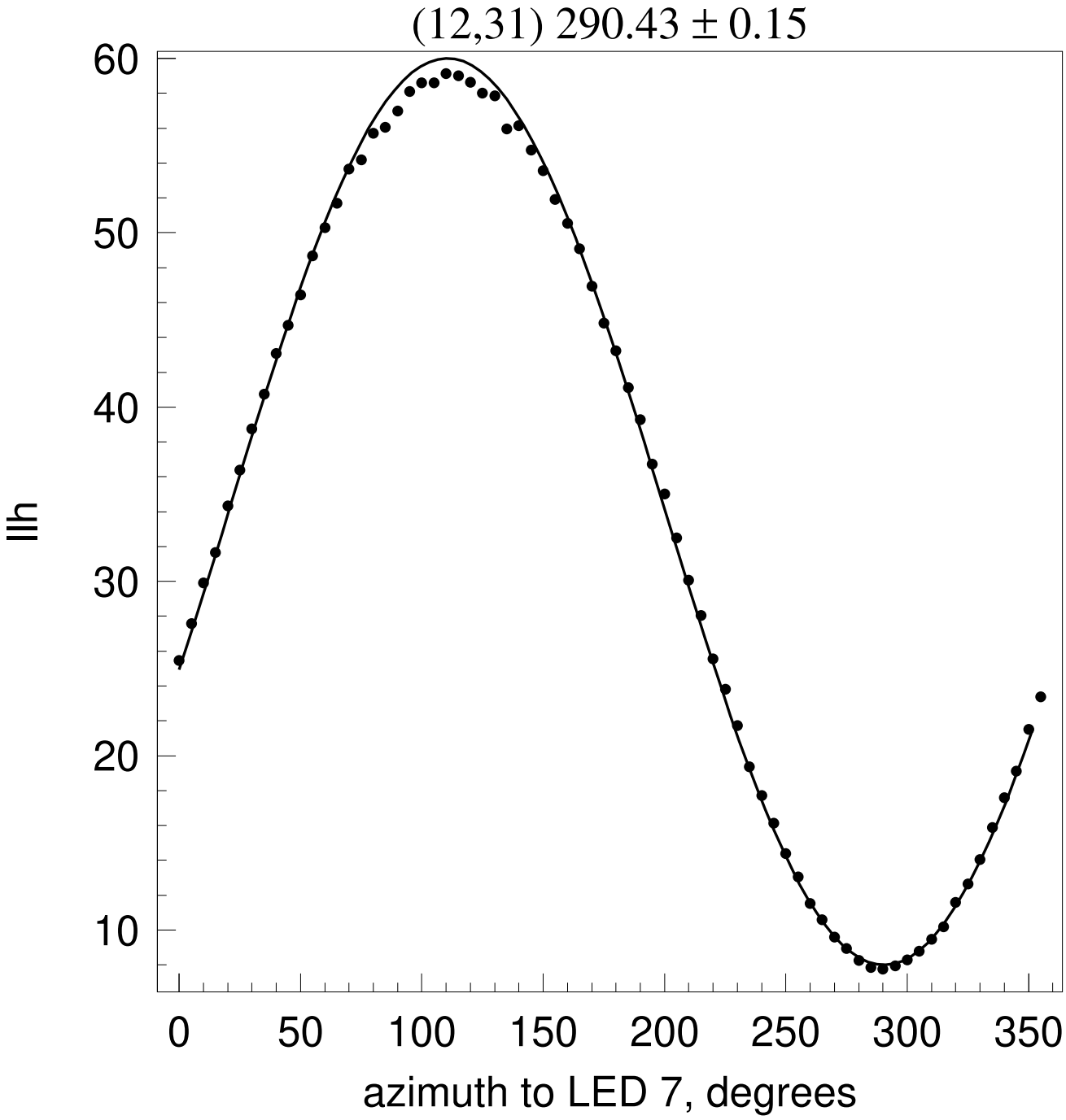

(12,26) 59.86 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

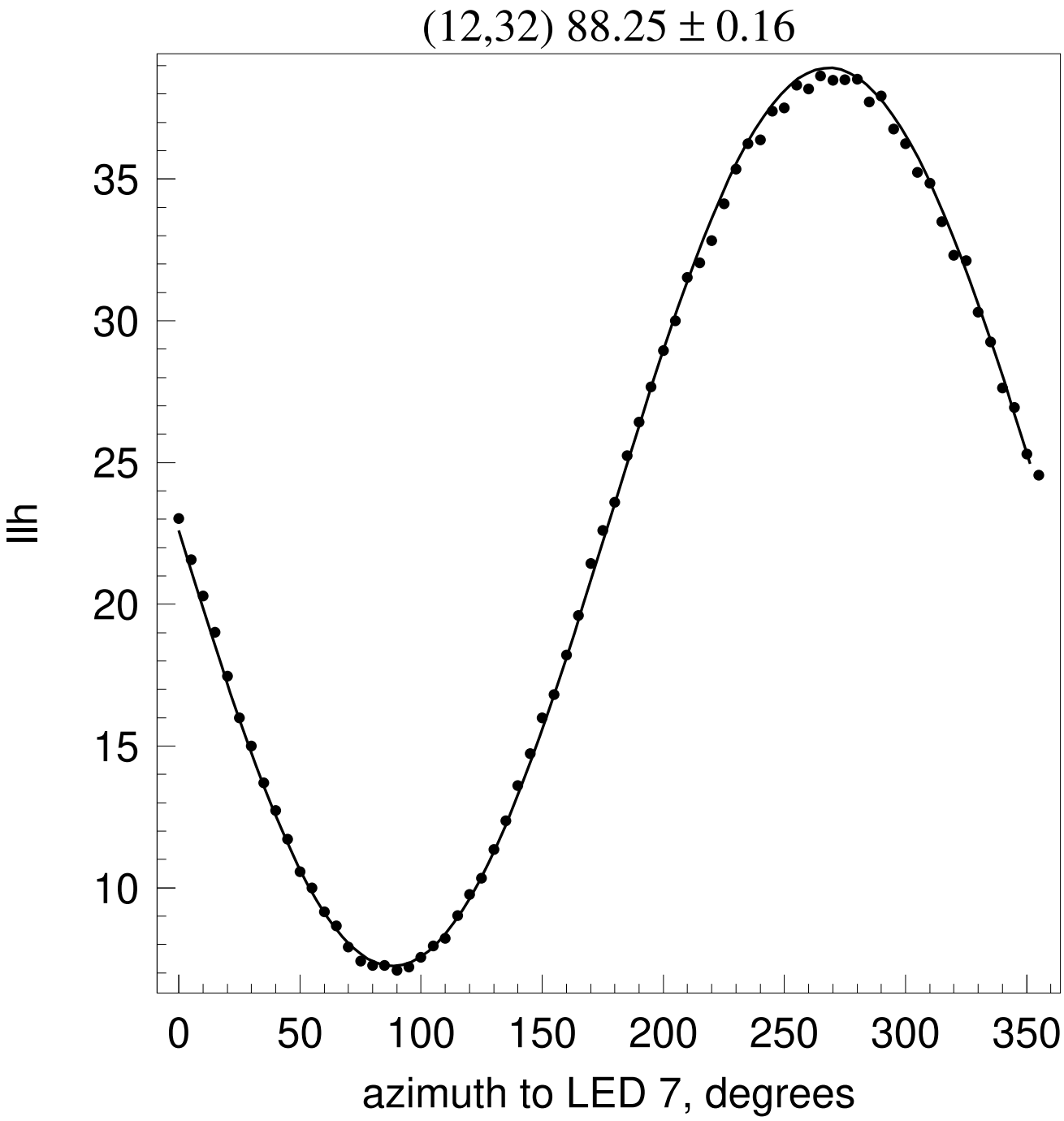

(12,27) 158.44 ± 0.30
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

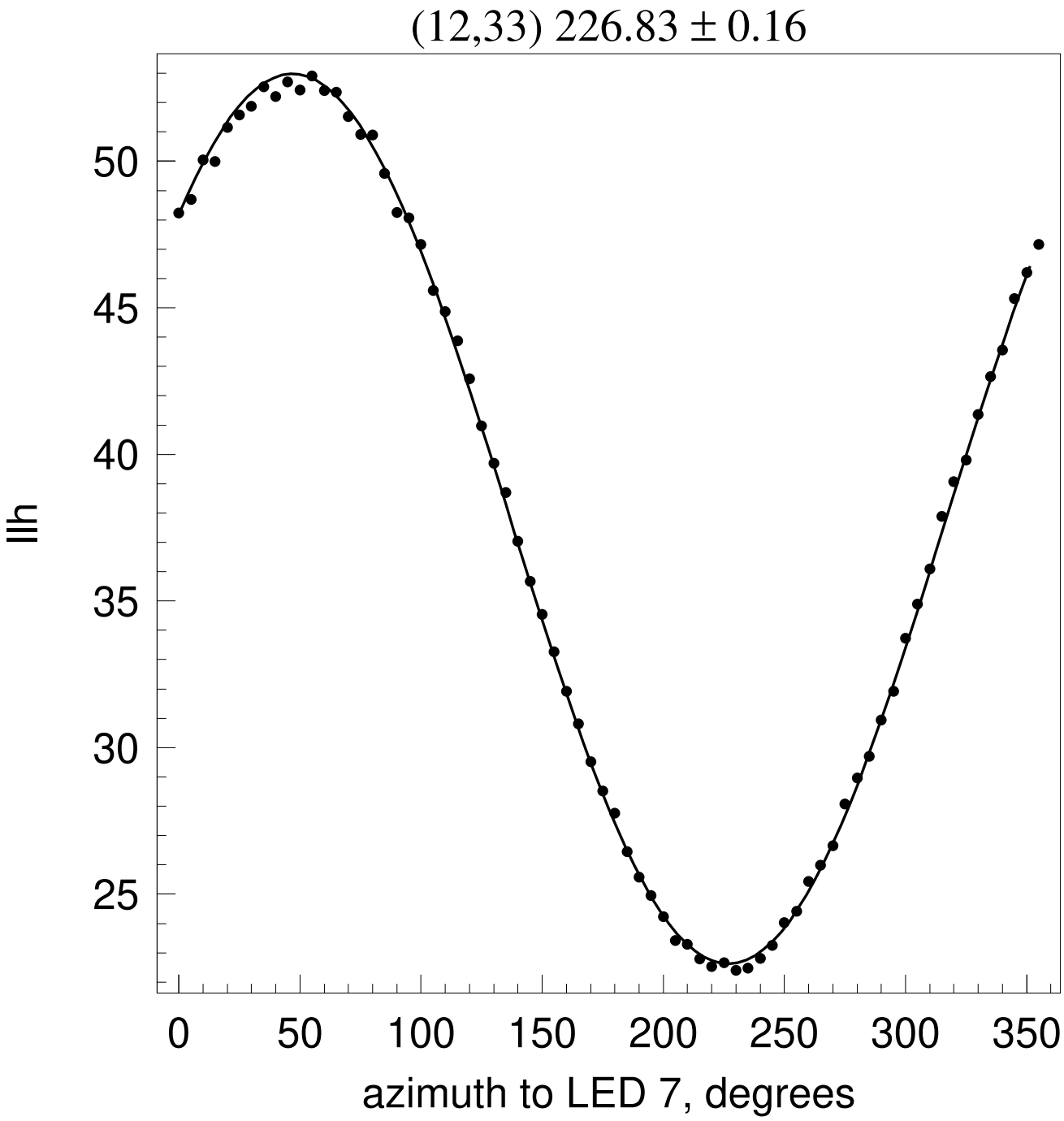

(12,28) 268.74 ± 0.39
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

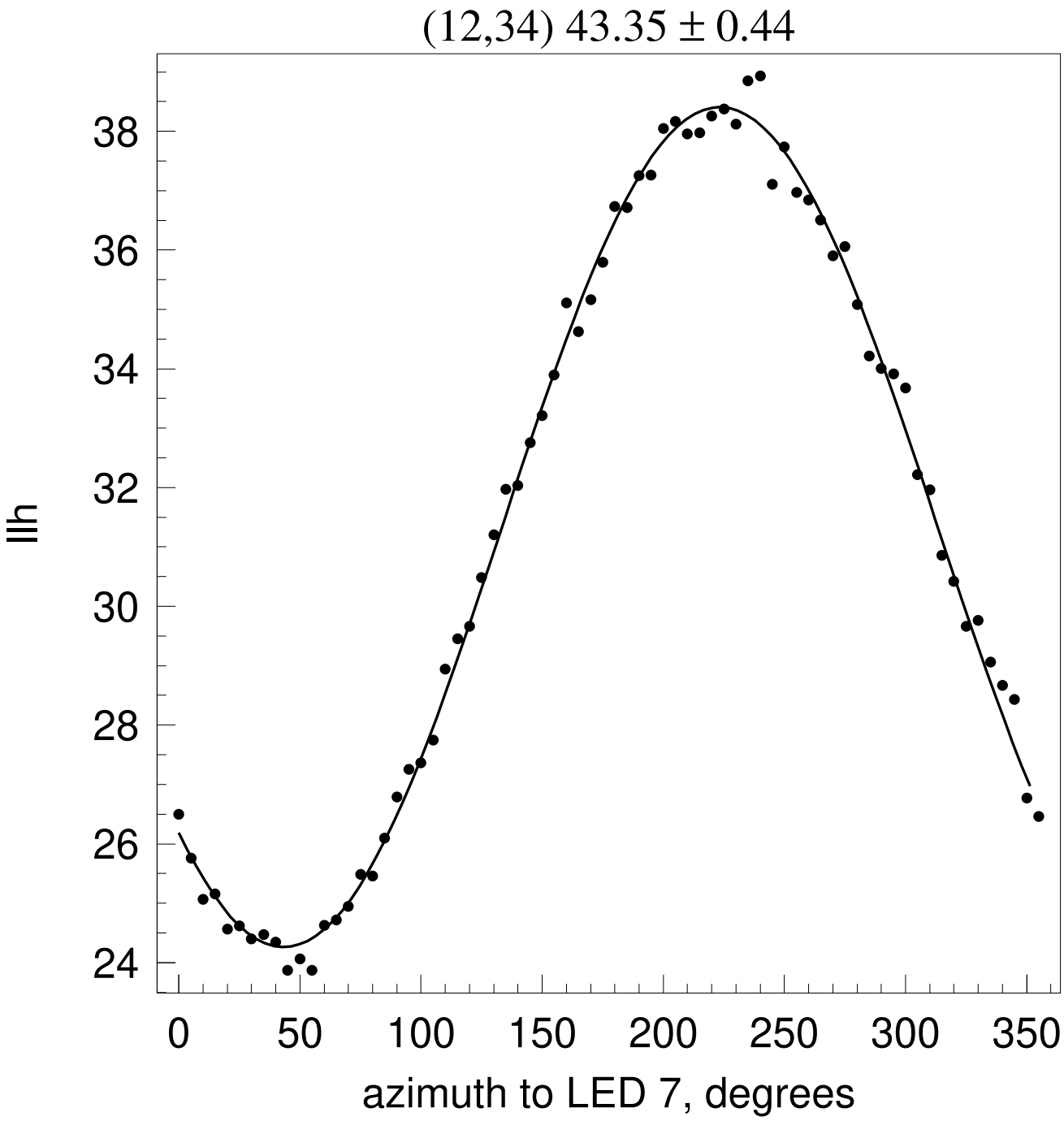

(12,29) 10.45 ± 0.49
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

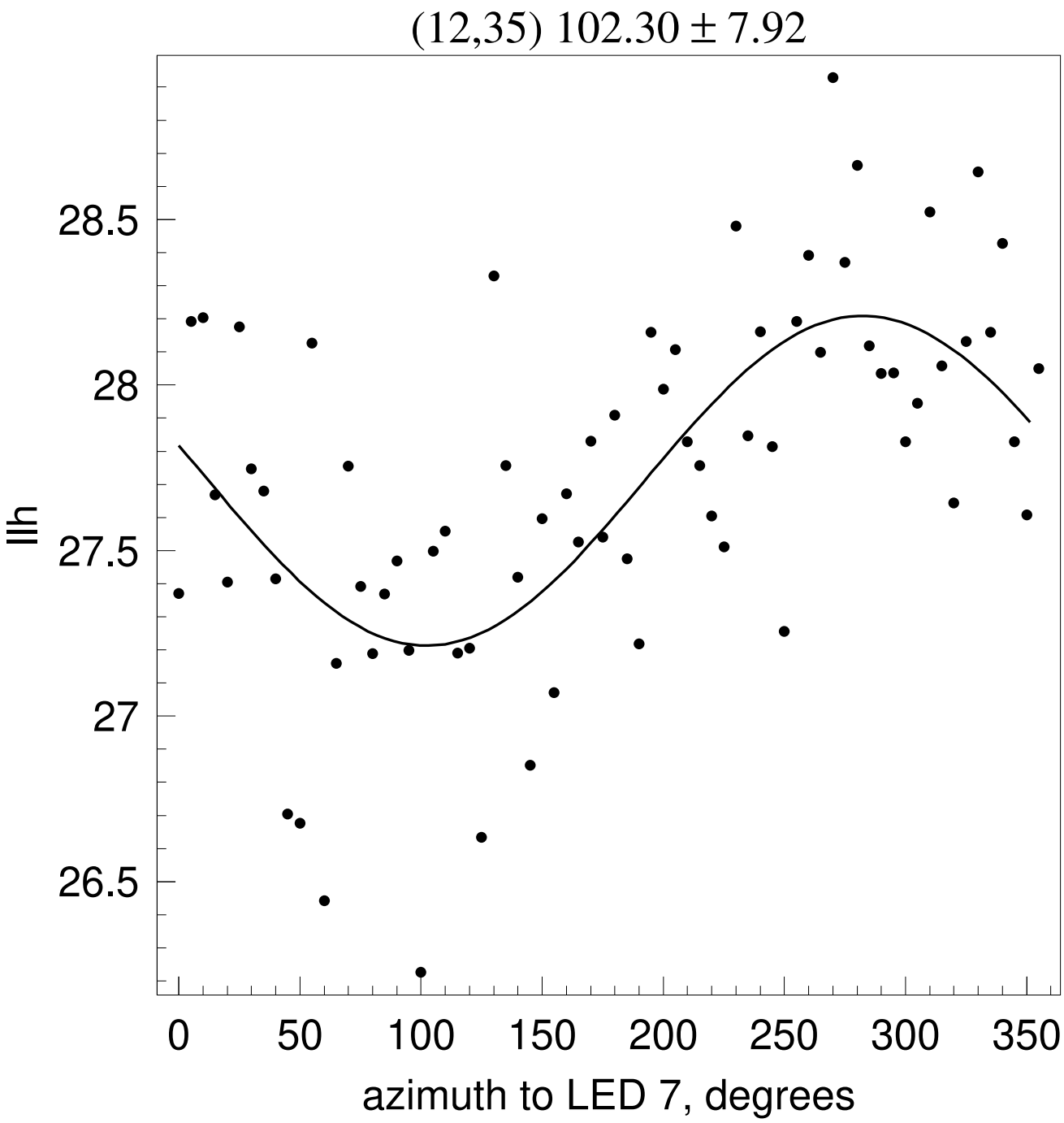

(12,30) 229.19 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

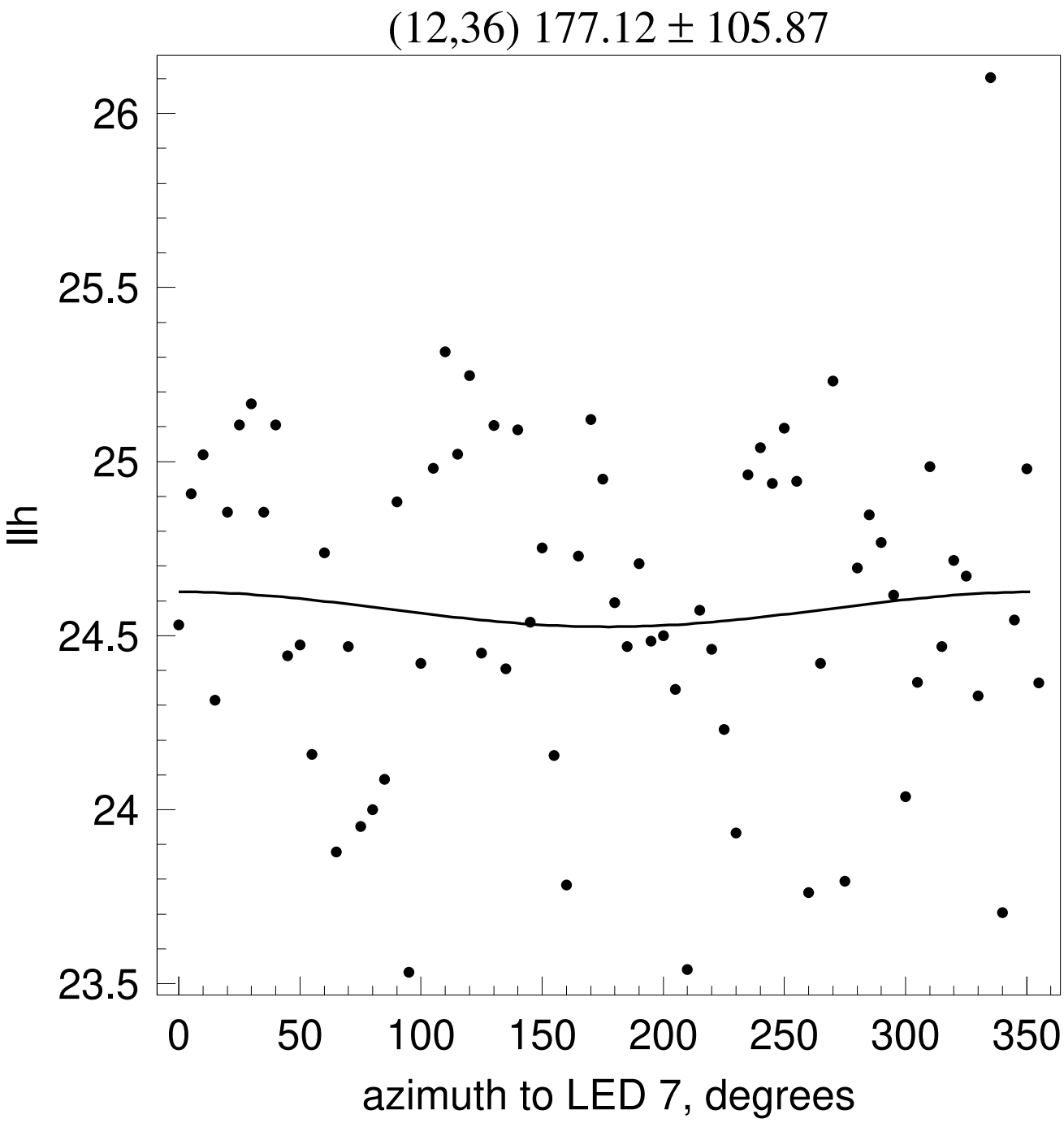

(12,31) 290.43 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

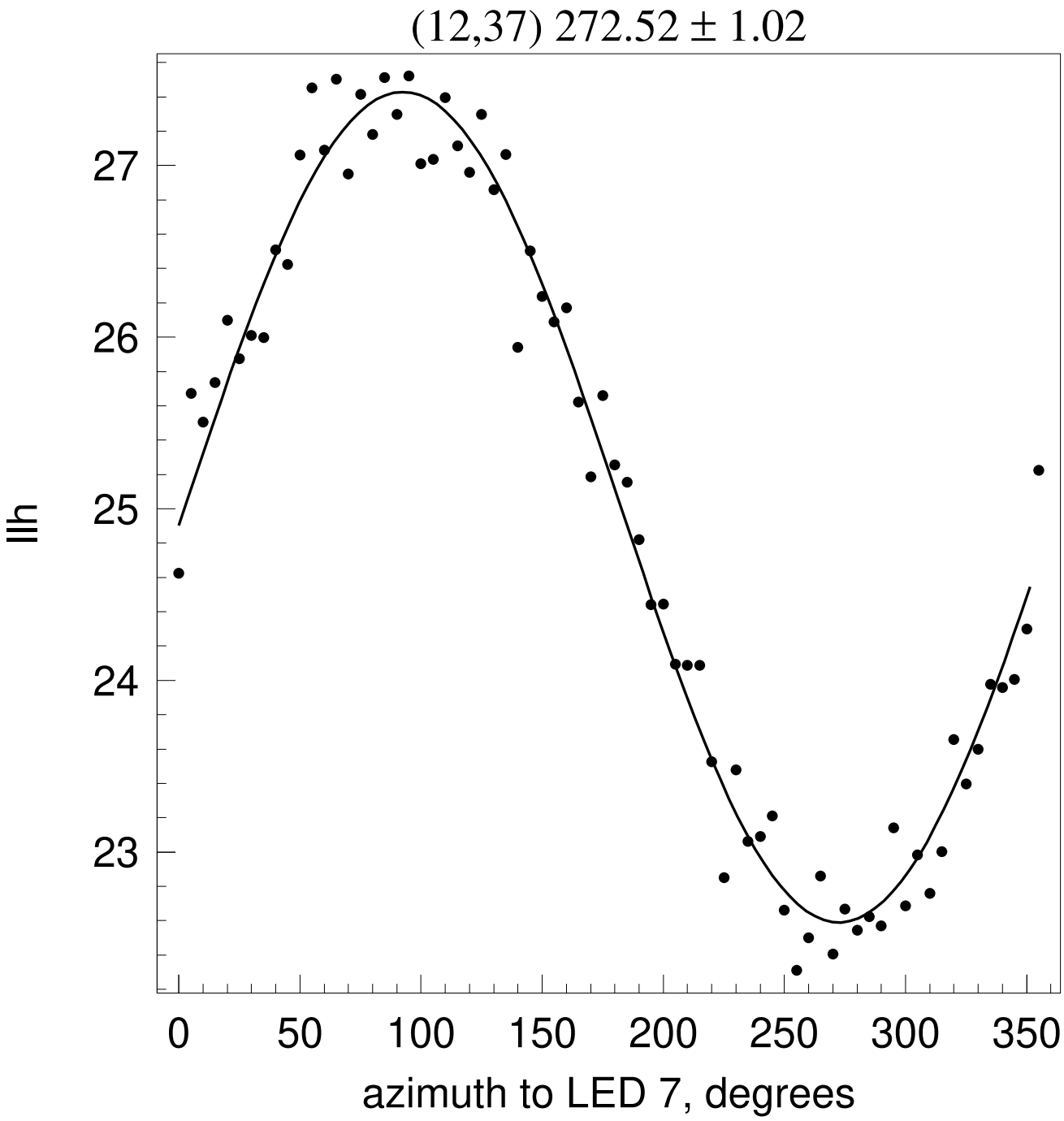

(12,32) 88.25 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

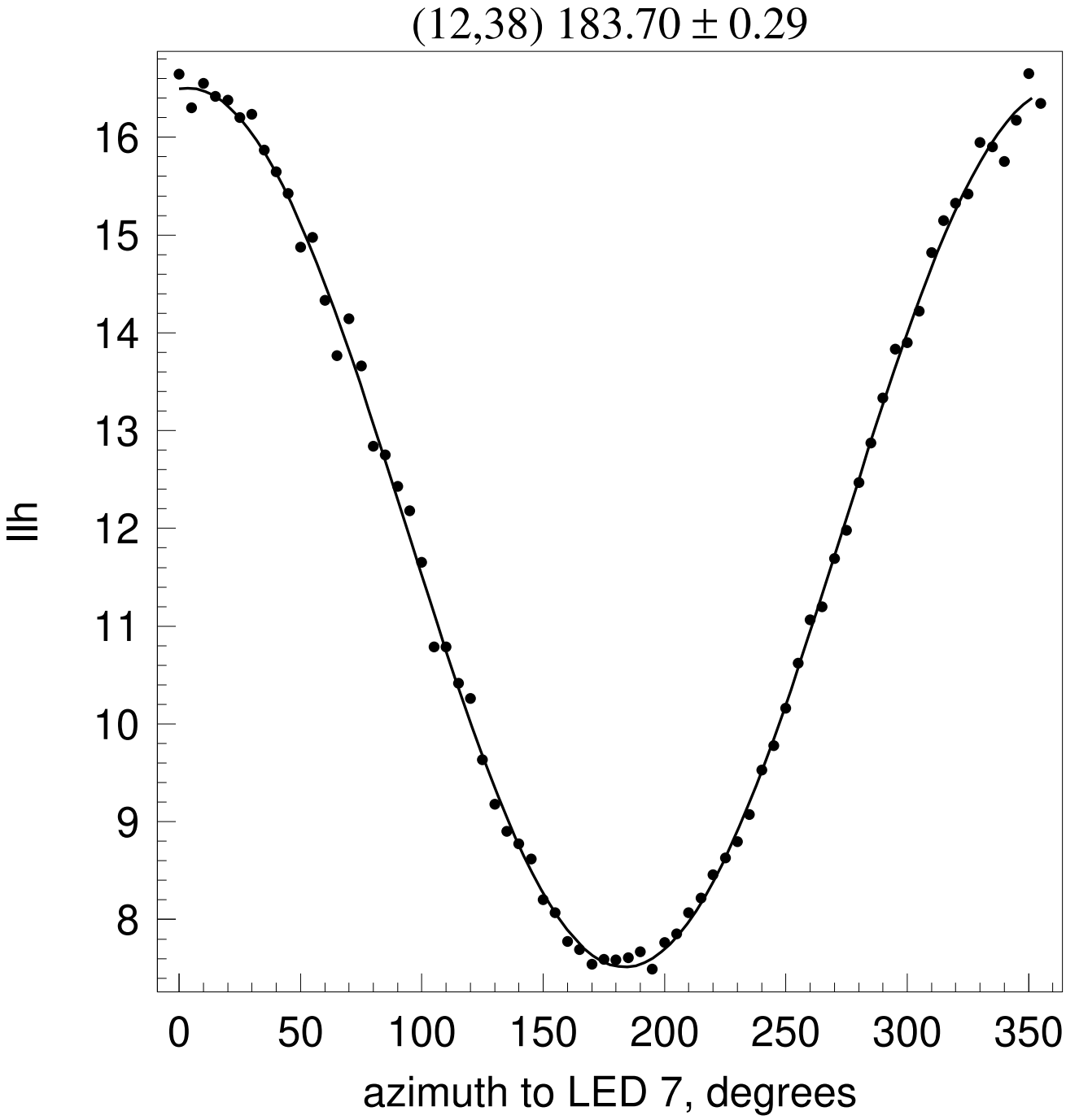

(12,33) 226.83 ± 0.16
50
45
40
35
30
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

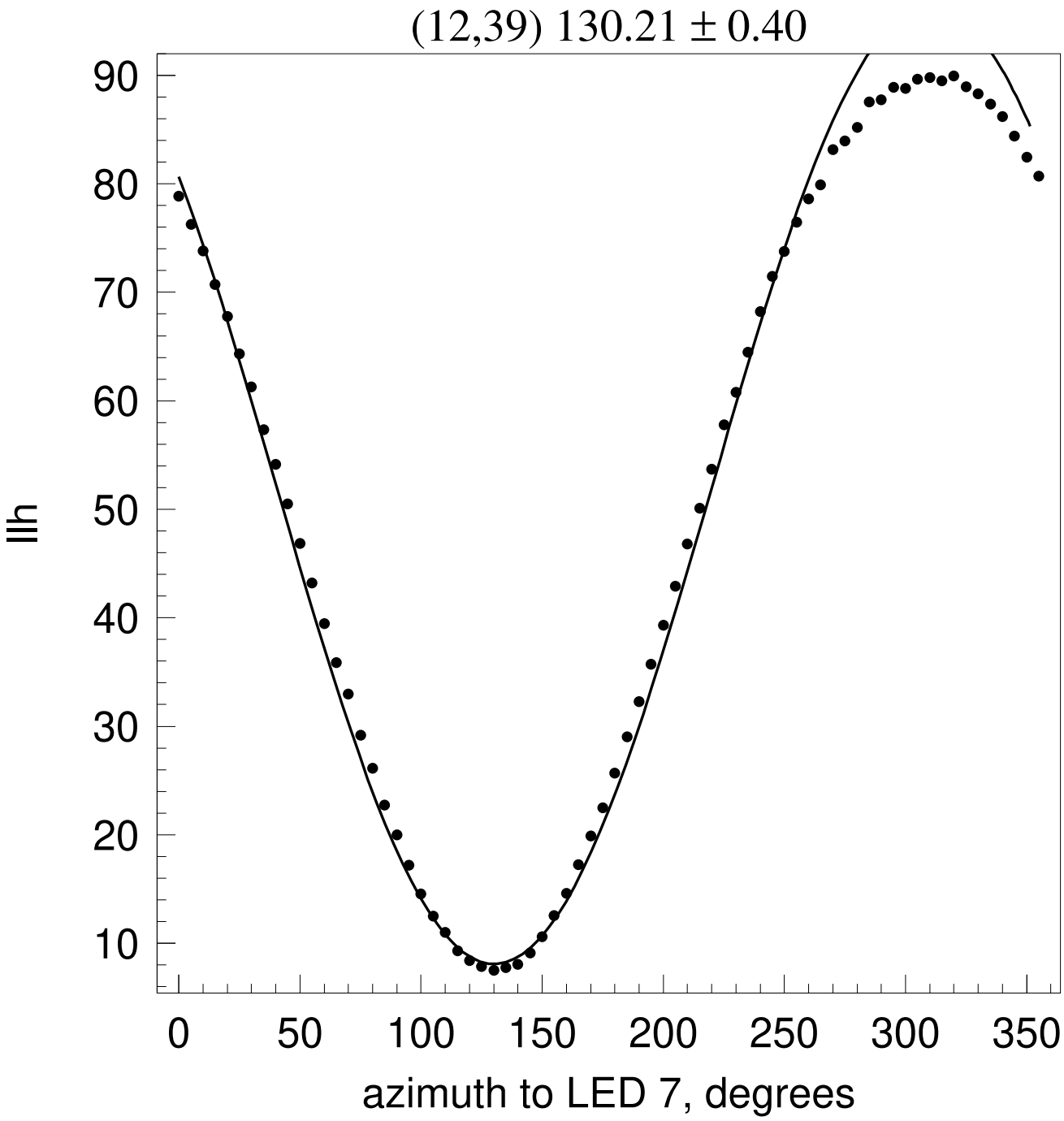

(12,34) 43.35 ± 0.44
38
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

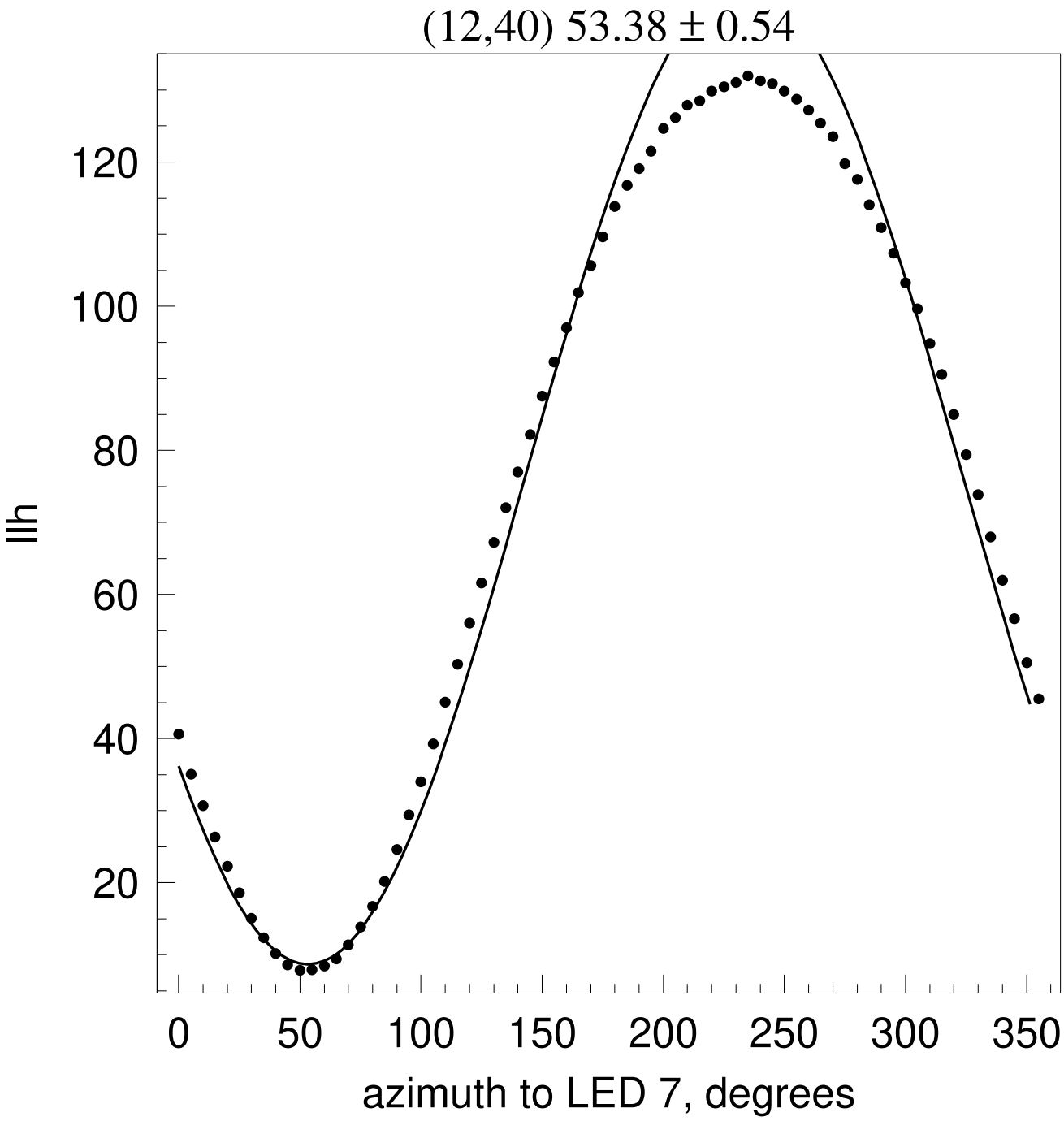

(12,35) 102.30 ± 7.92
28.5
28
27.5
27
26.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

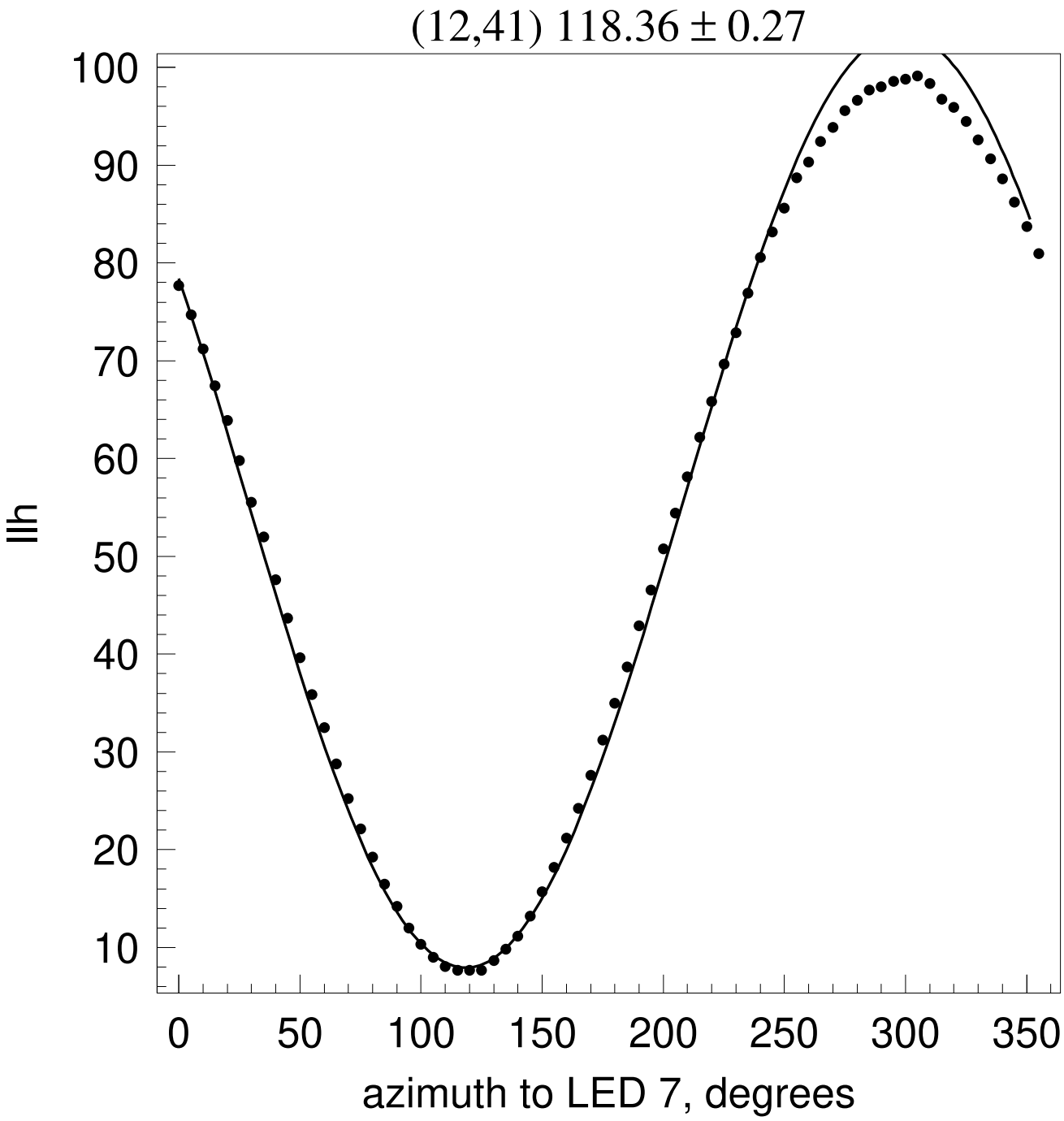

(12,36) 177.12 ± 105.87
26
25.5
25
24.5
24
23.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

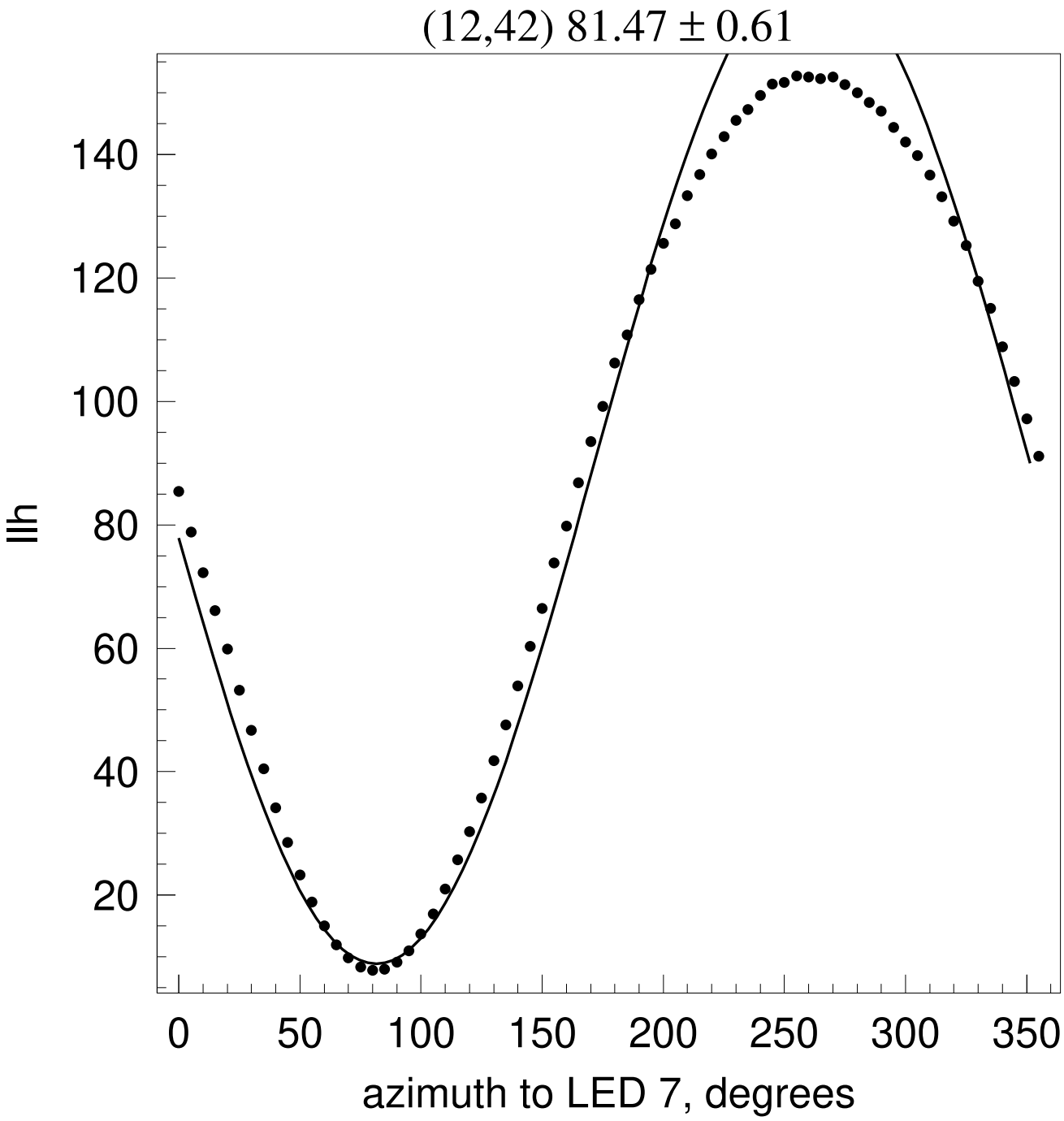

(12,37) 272.52 ± 1.02
27
26
25
24
23
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

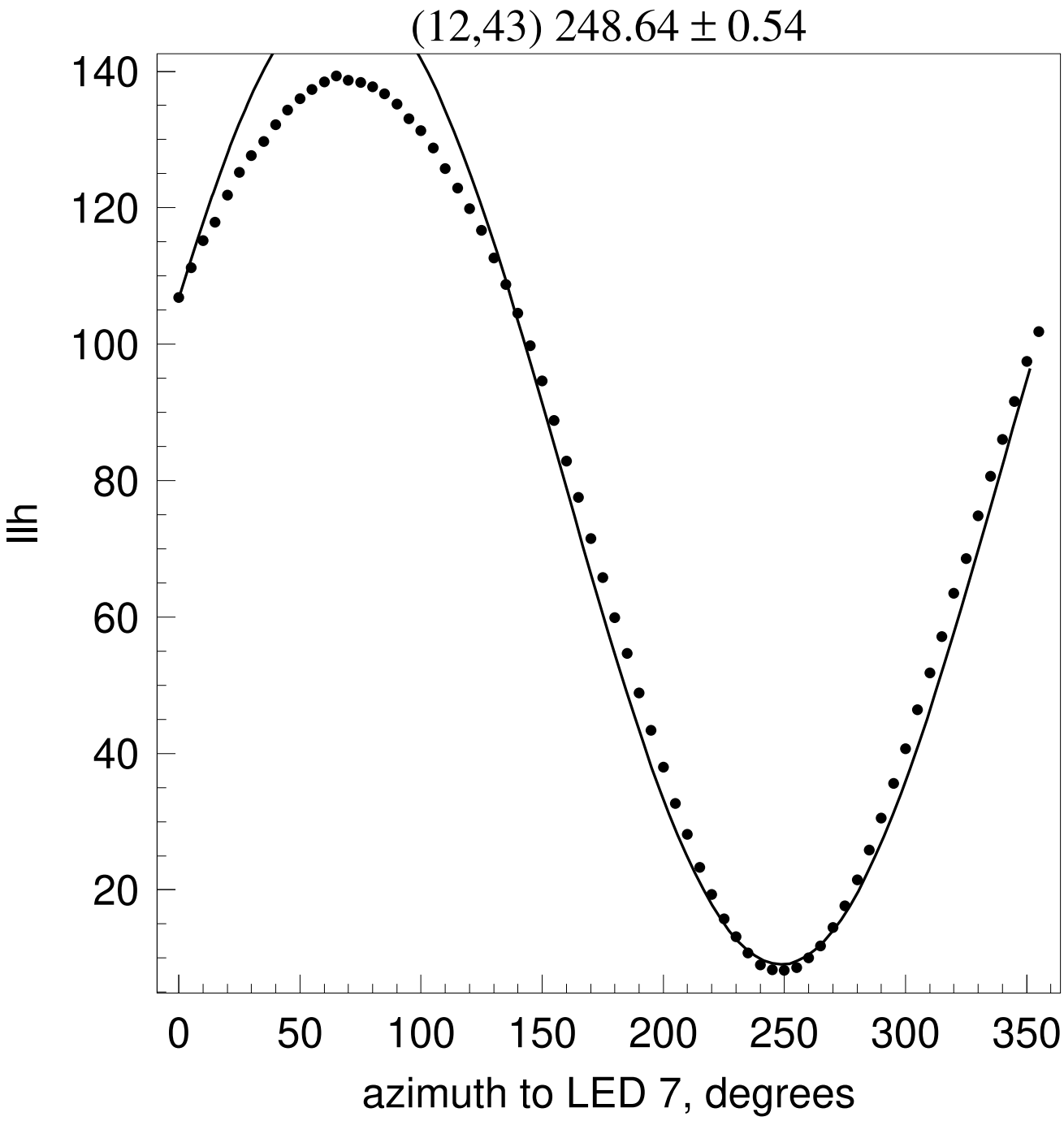

(12,38) 183.70 ± 0.29
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

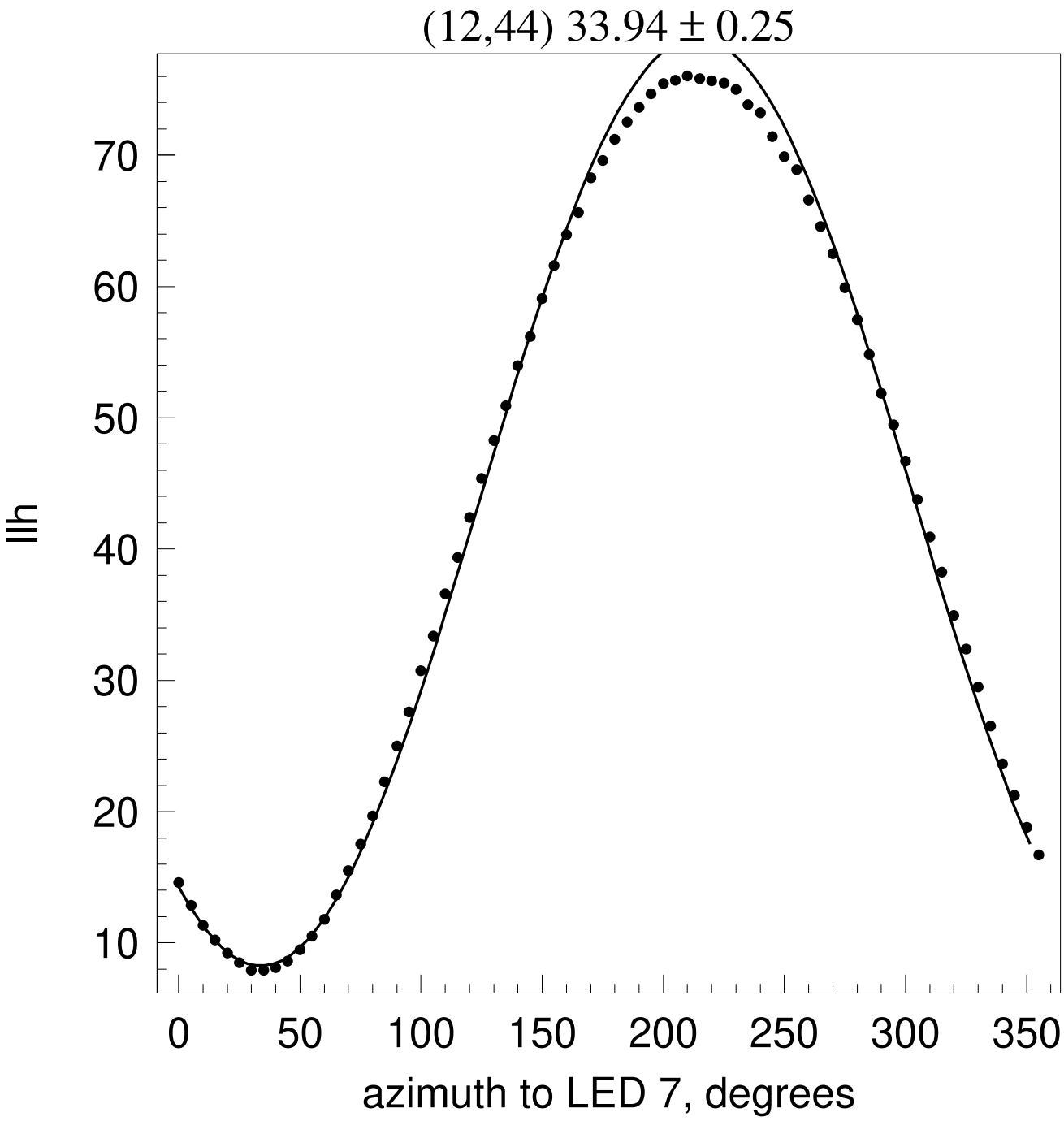

(12,39) 130.21 ± 0.40
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

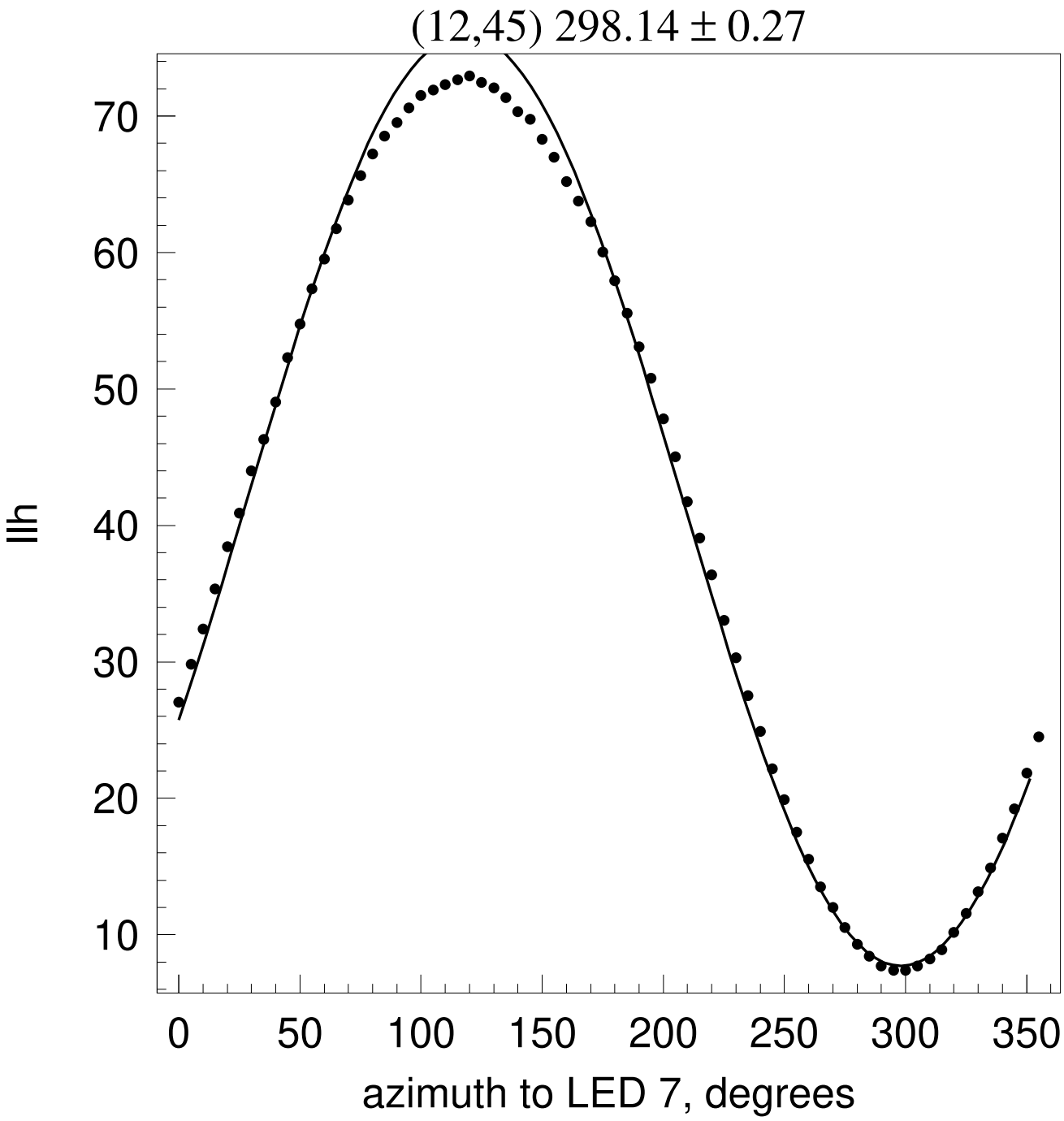

(12,40) 53.38 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

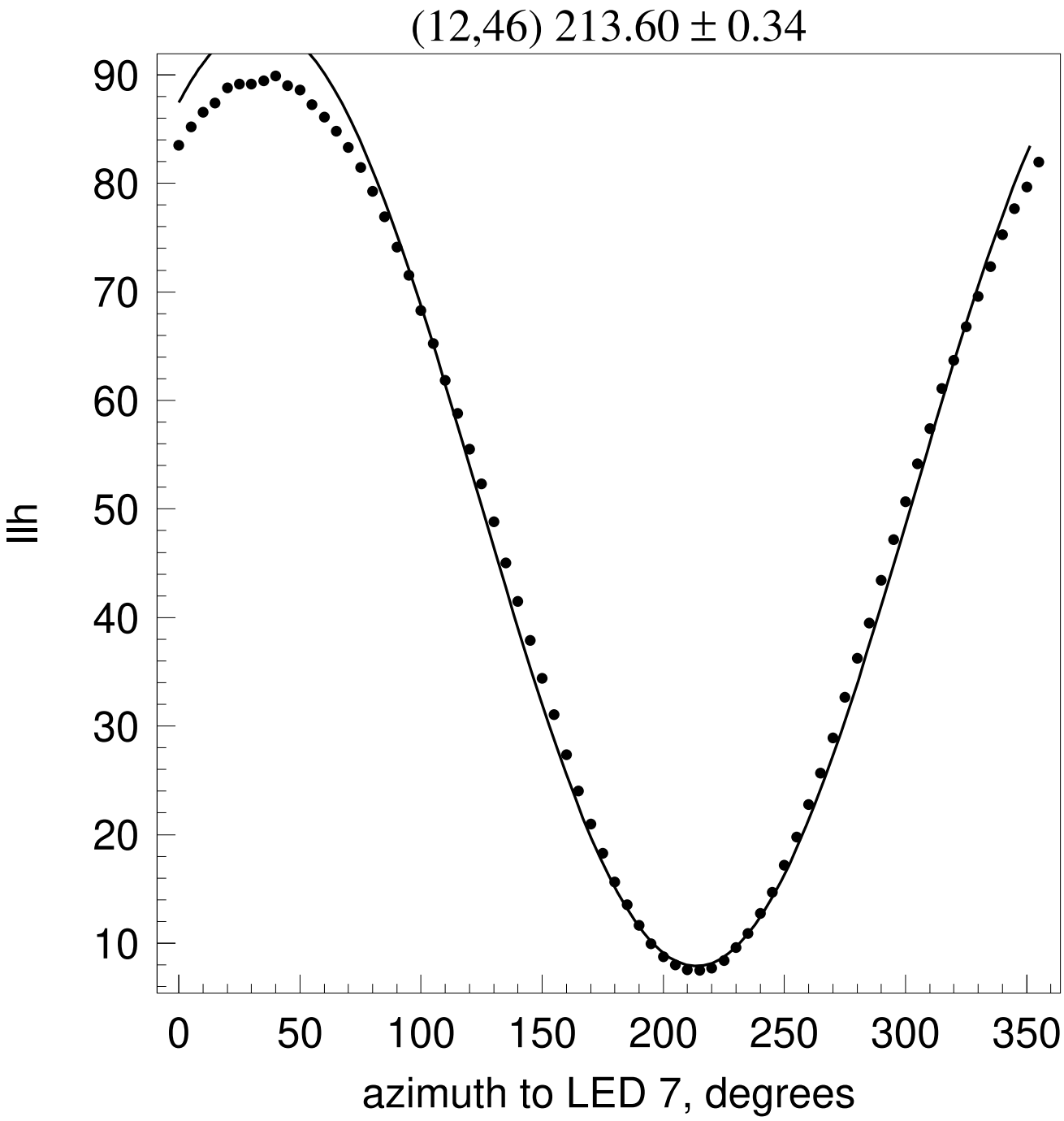

(12,41) 118.36 ± 0.27
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

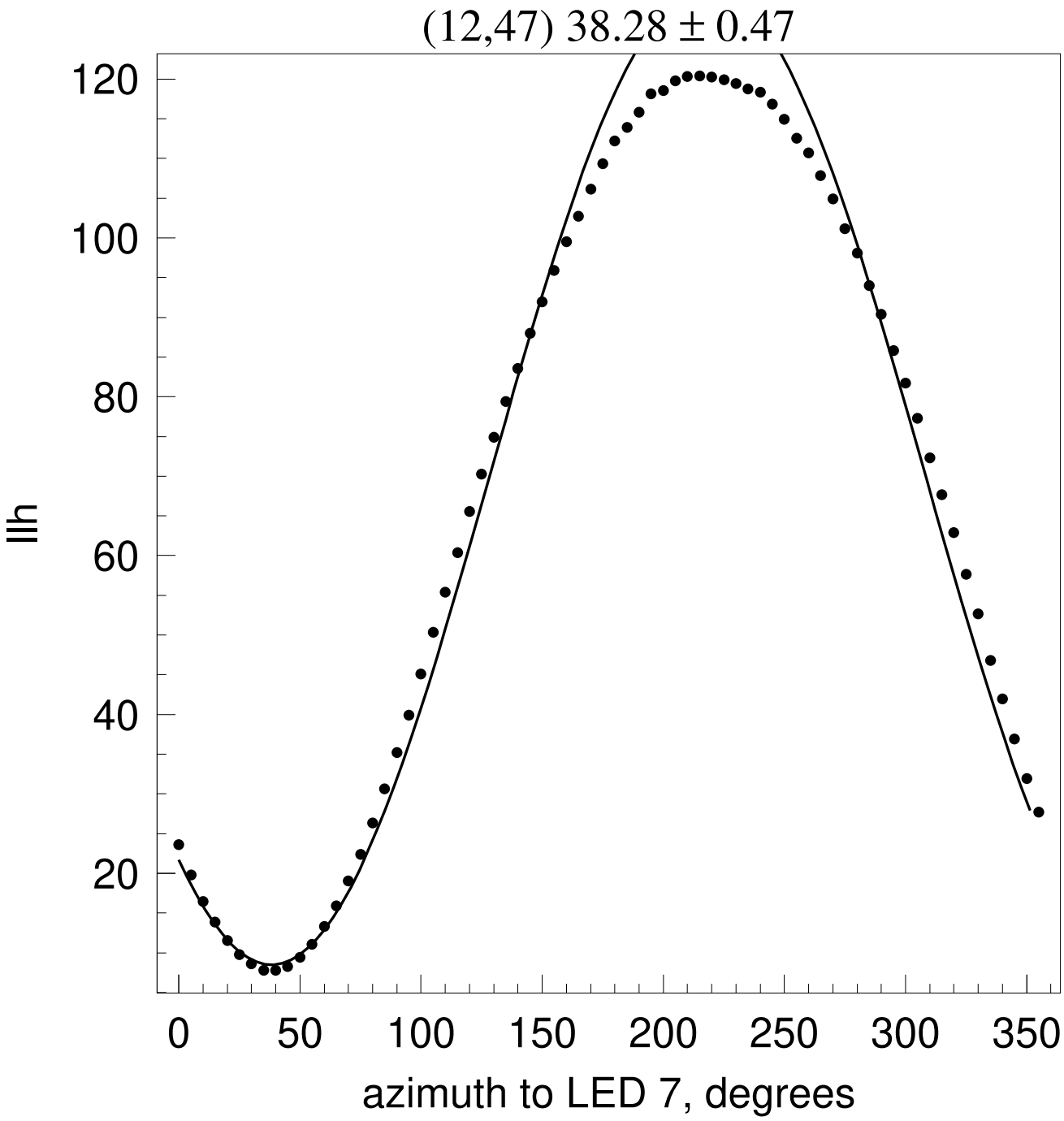

(12,42) 81.47 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

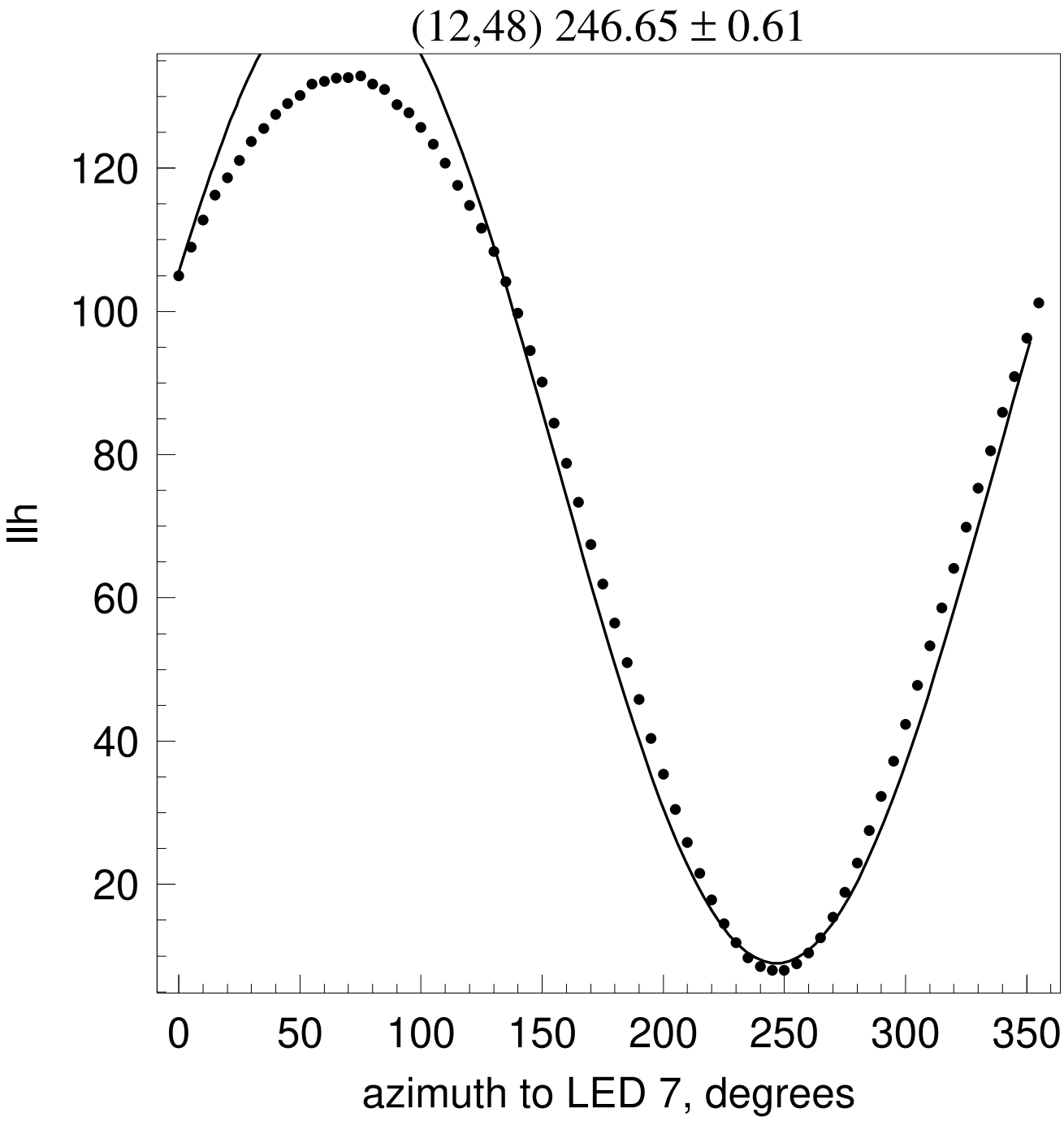

(12,43) 248.64 ± 0.54
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

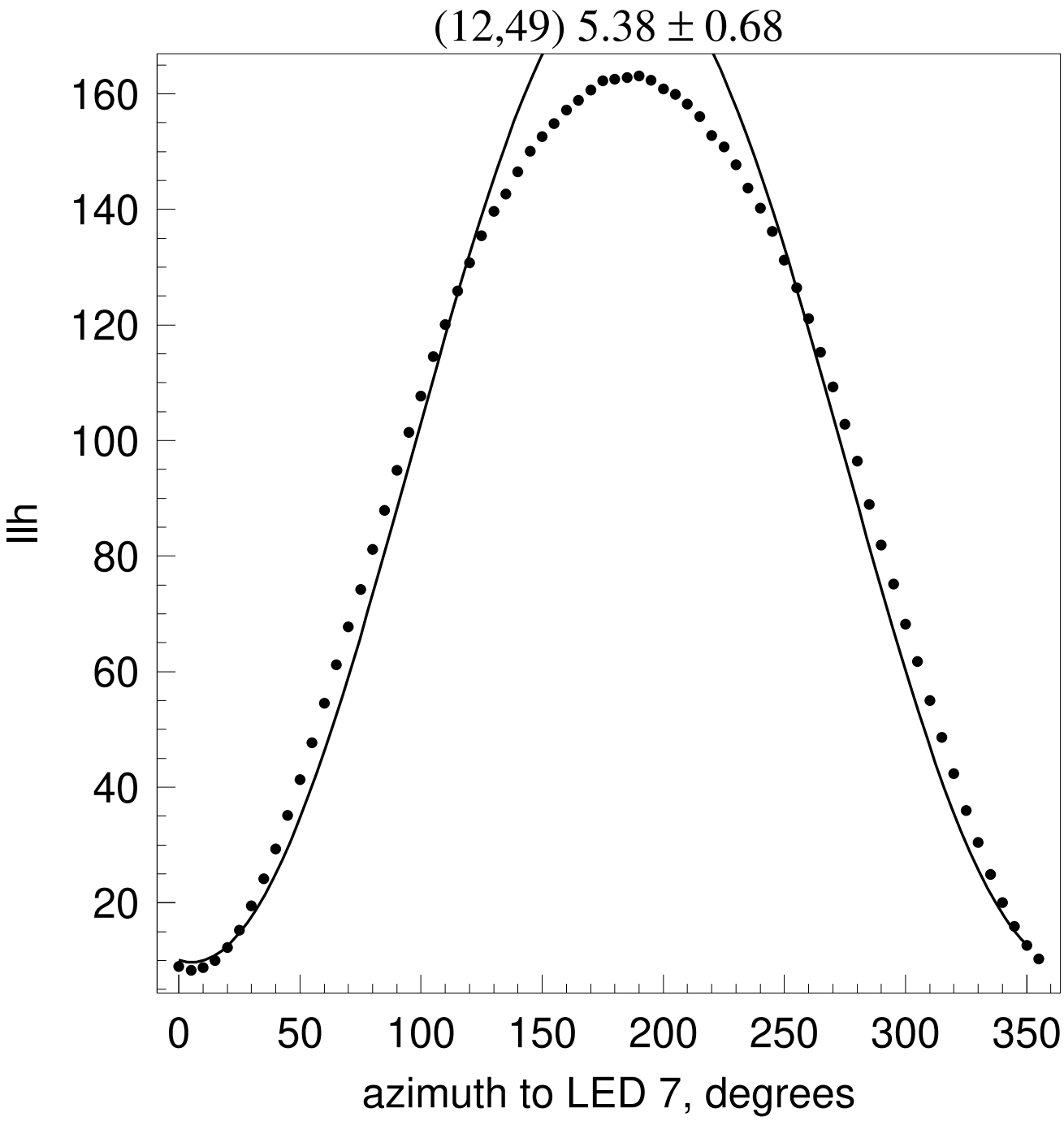

(12,44) 33.94 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

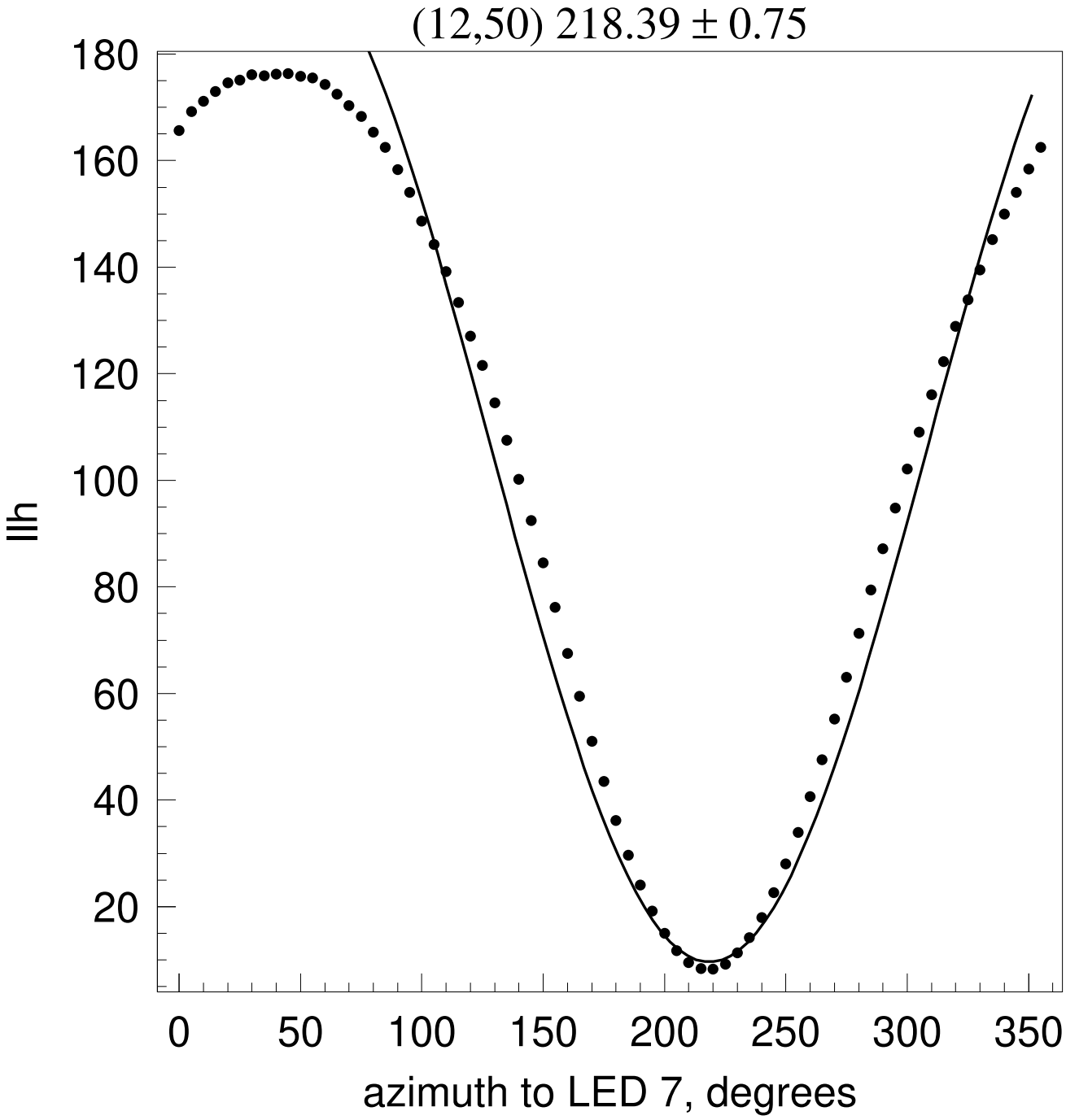

(12,45) 298.14 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

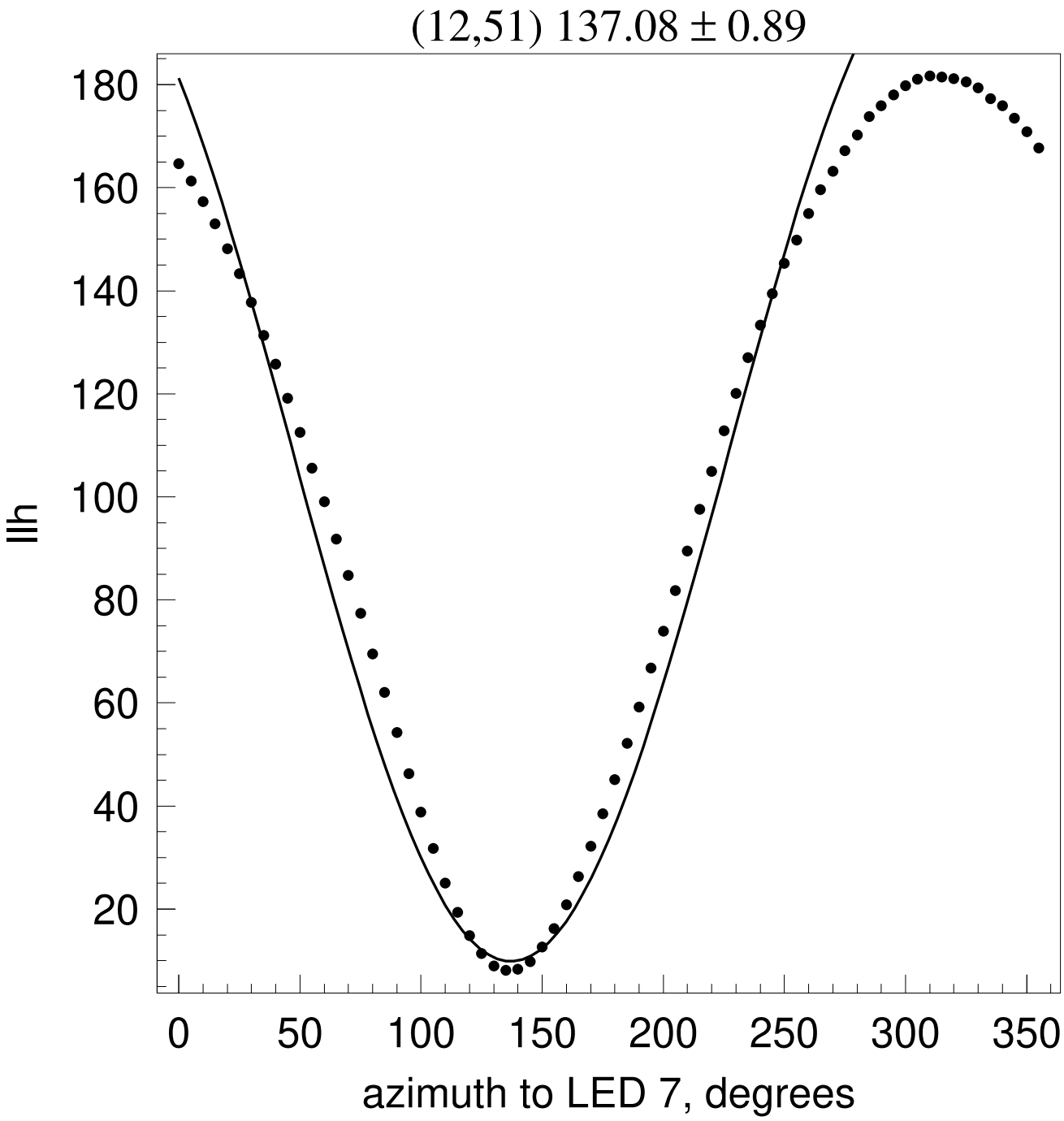

(12,46) 213.60 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

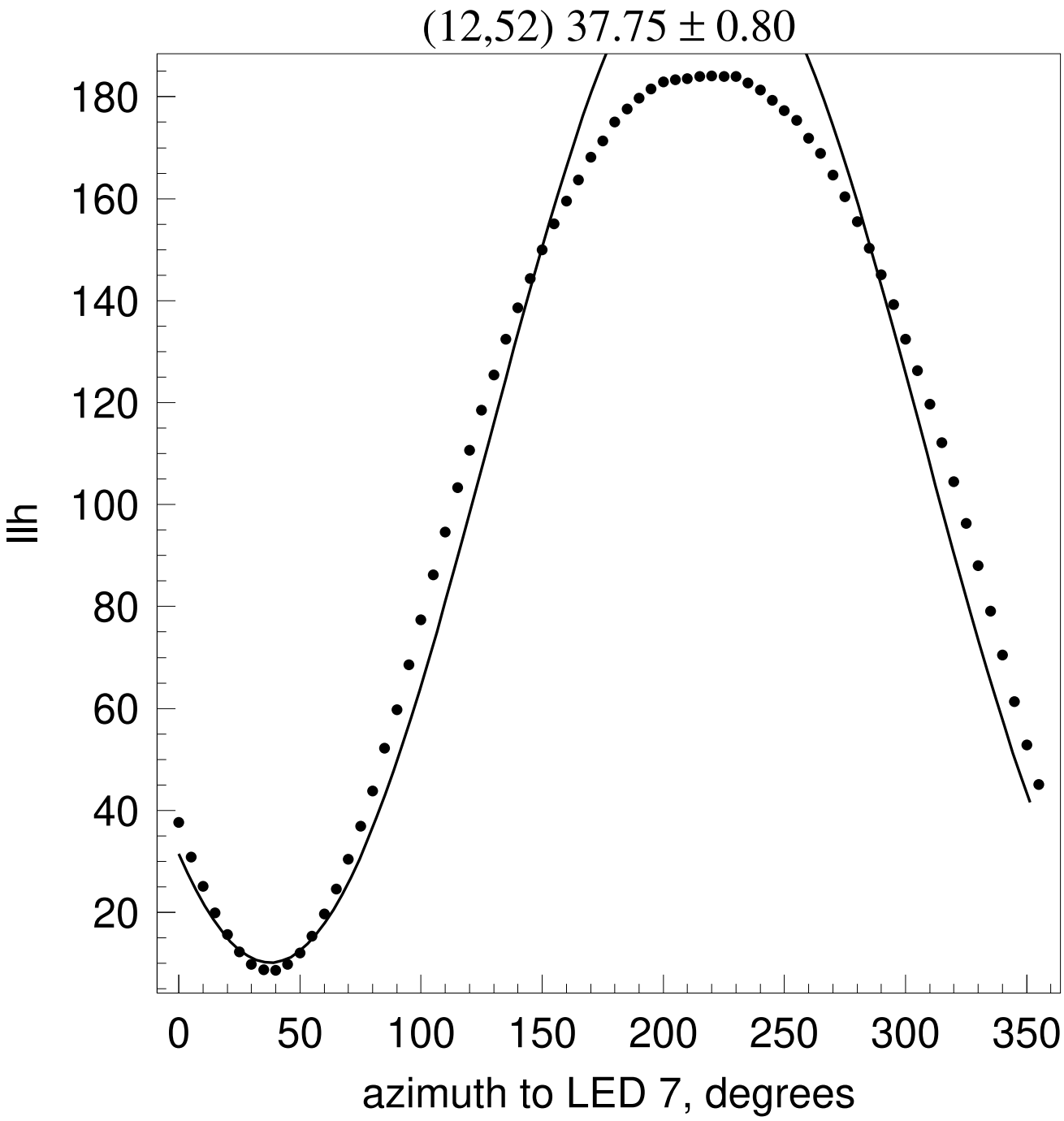

(12,47) 38.28 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

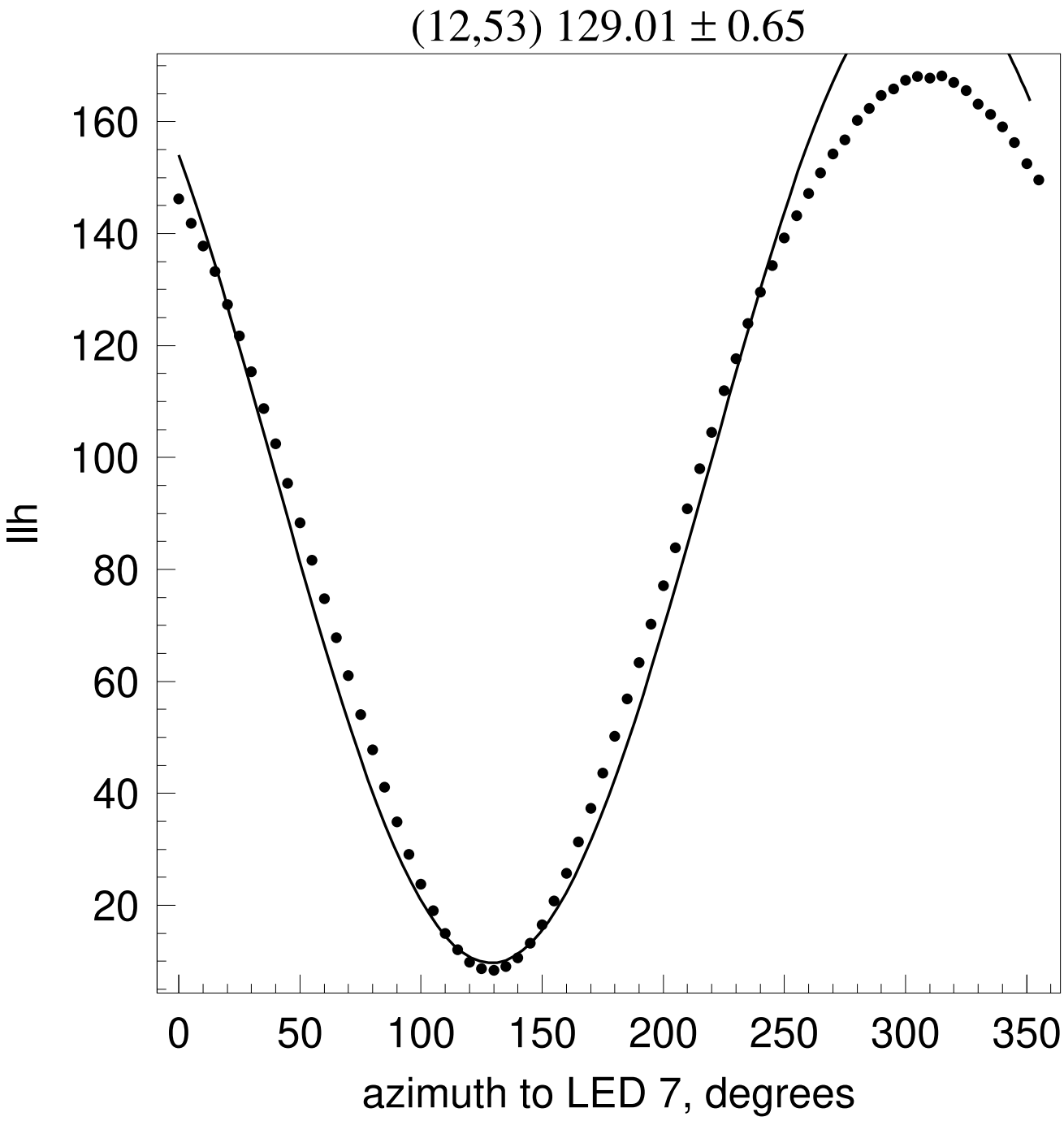

(12,48) 246.65 ± 0.61
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

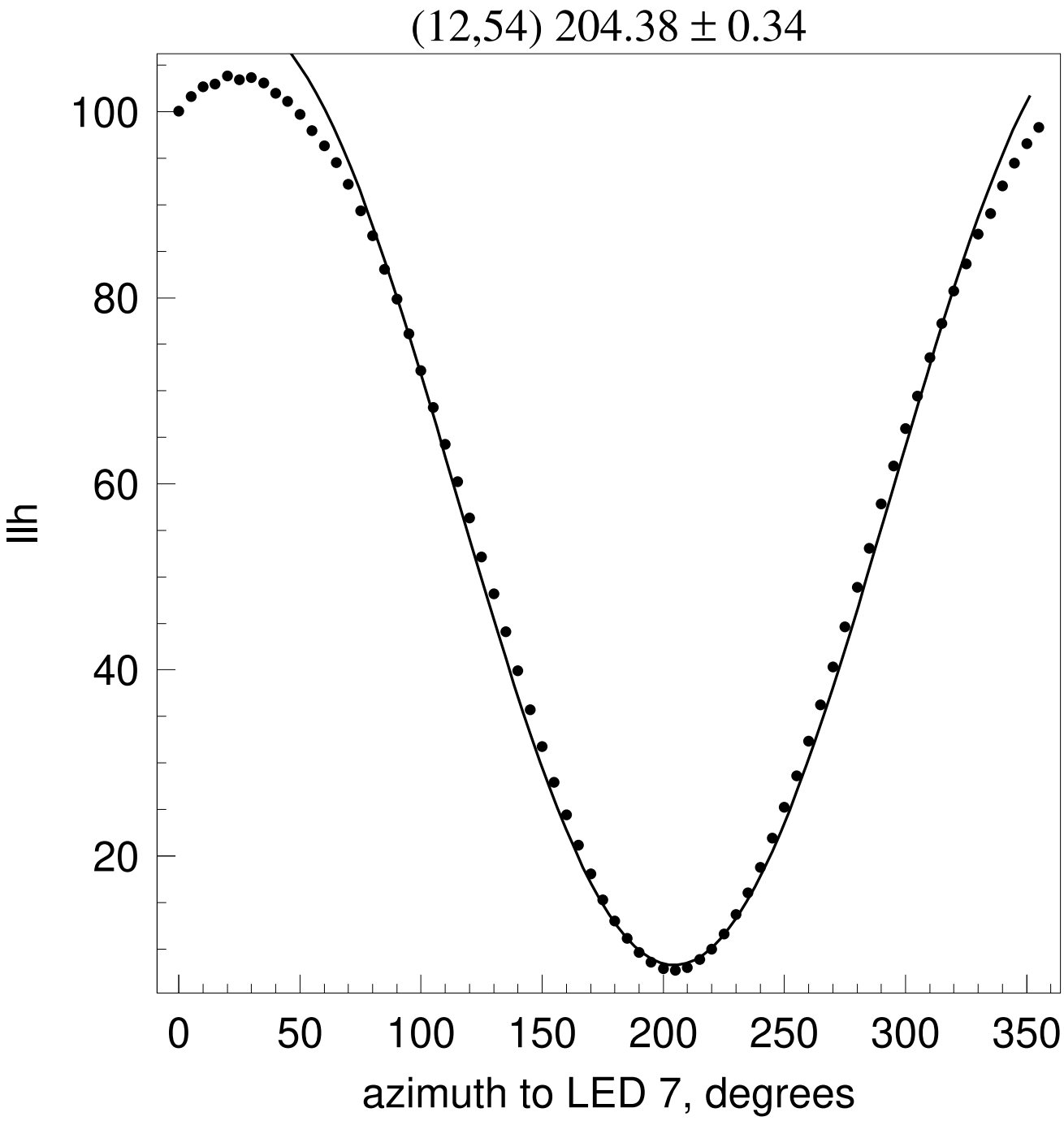

(12,49) 5.38 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

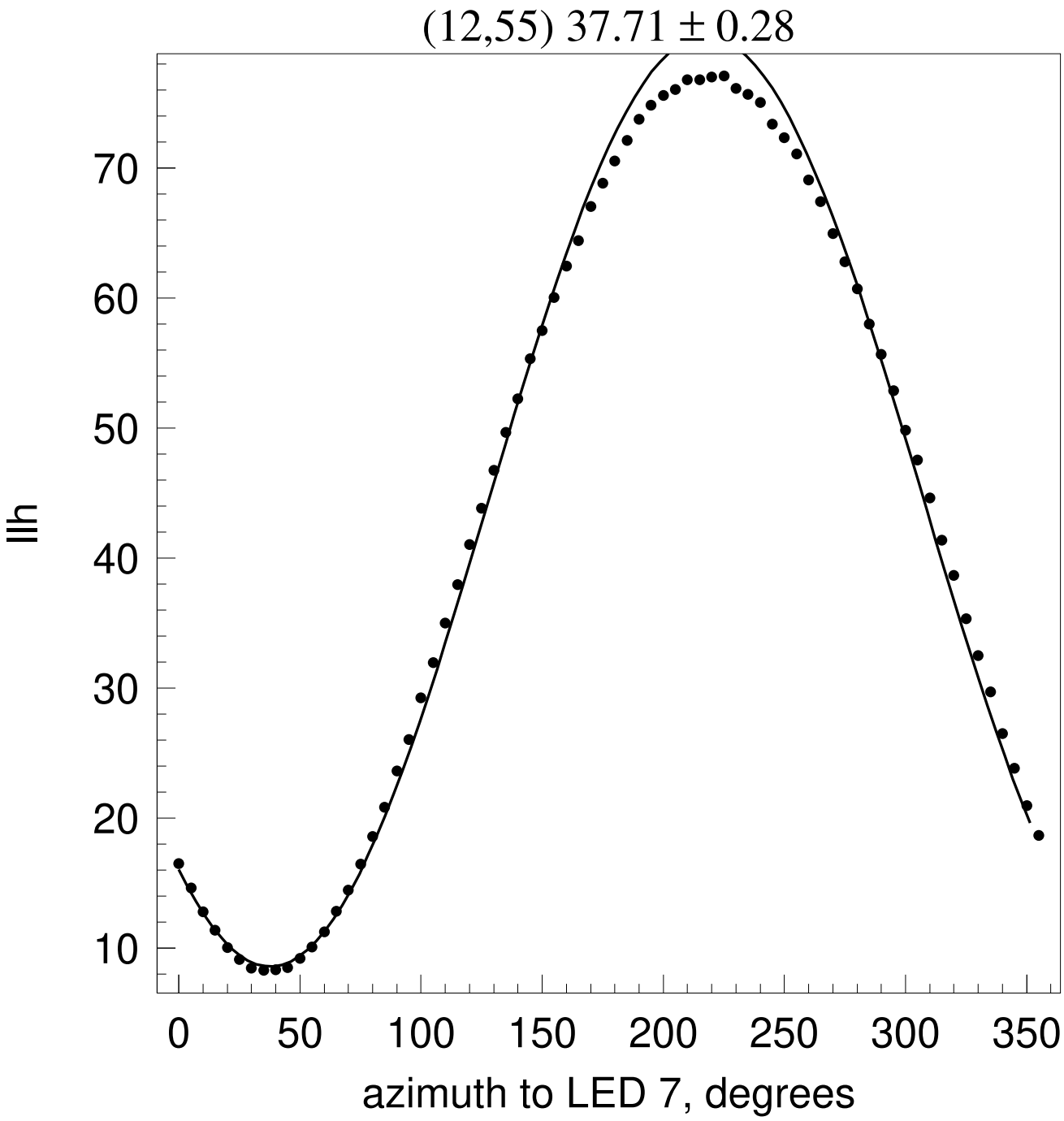

(12,50) 218.39 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

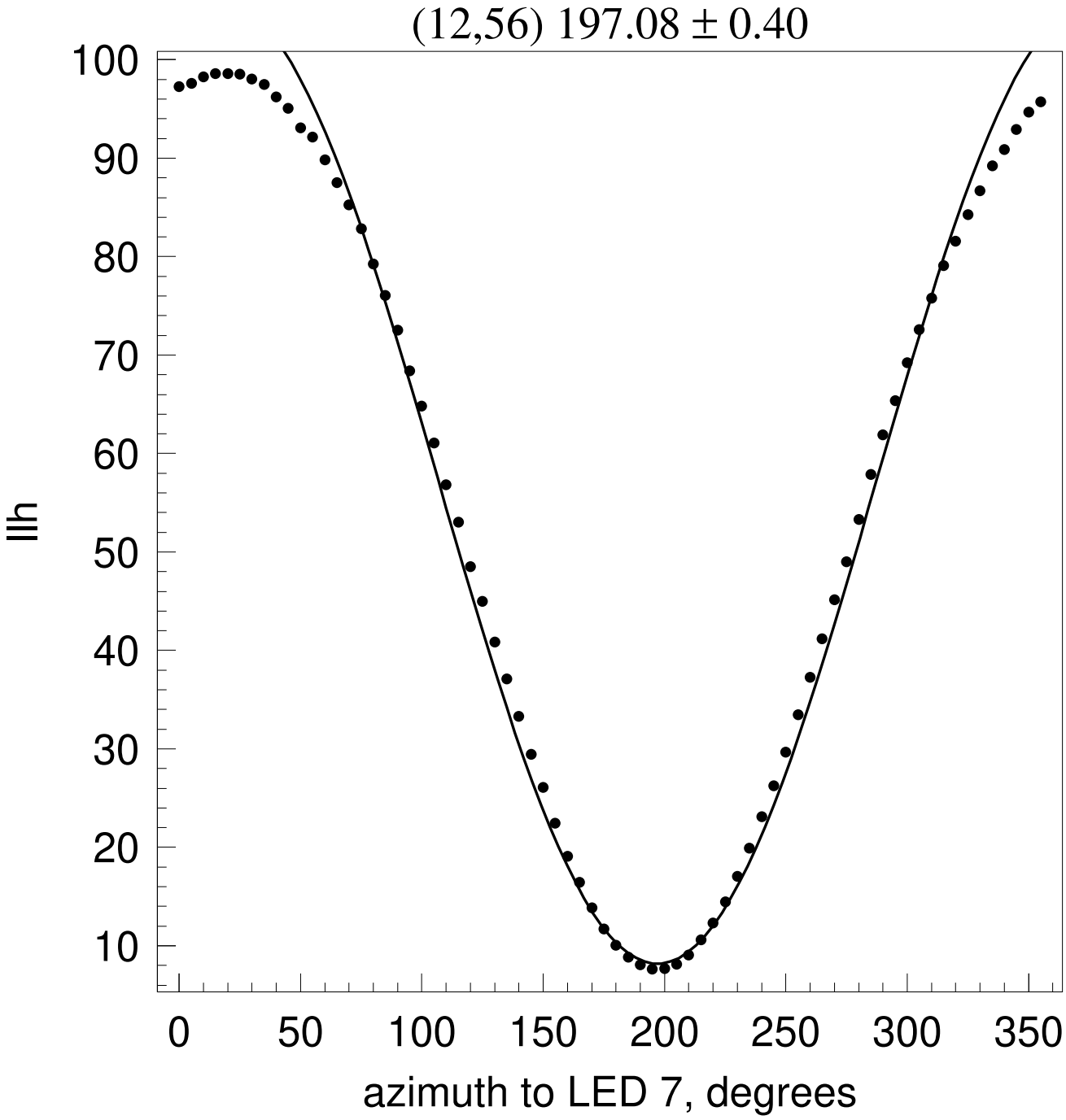

(12,51) 137.08 ± 0.89
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

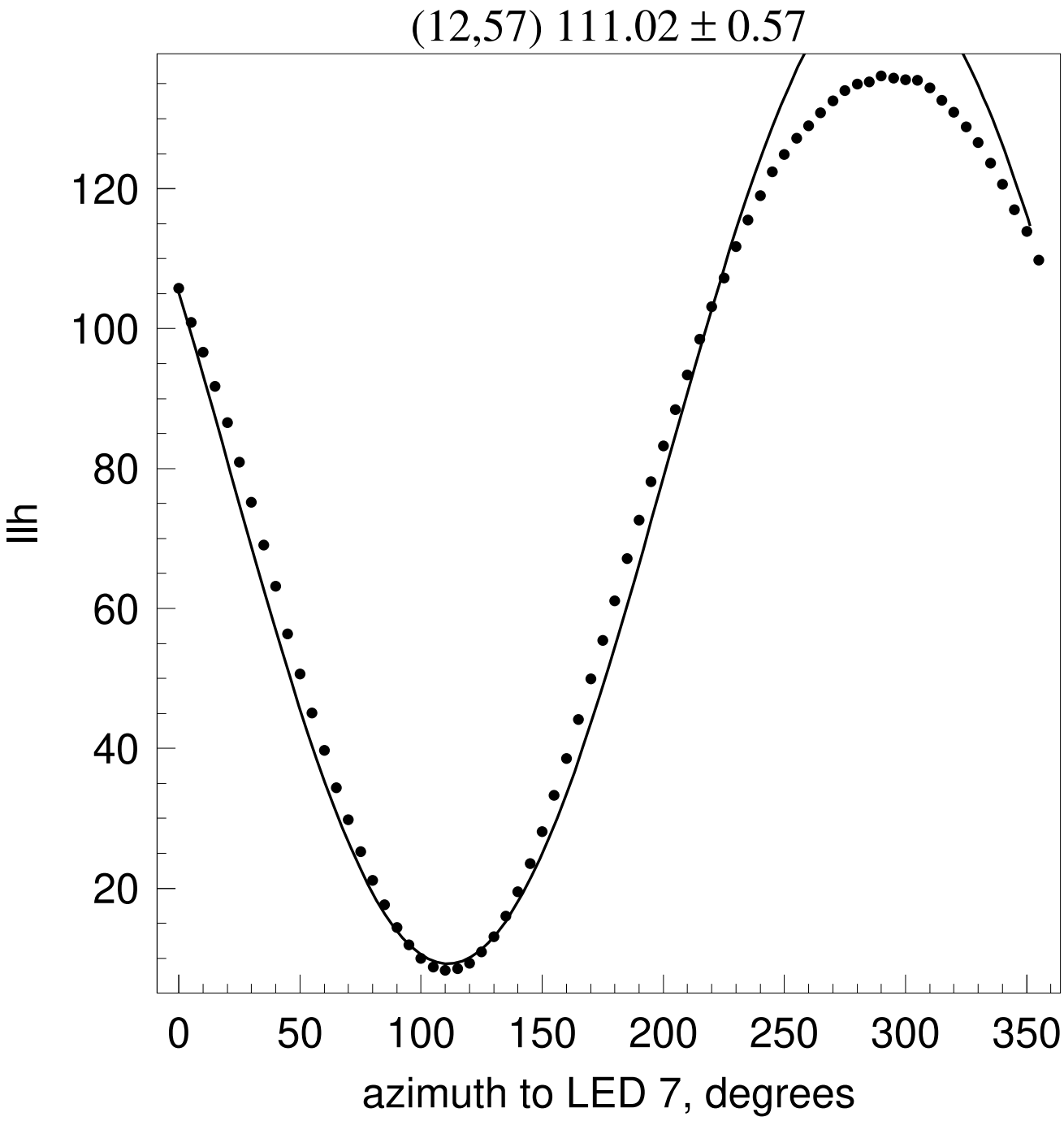

(12,52) 37.75 ± 0.80
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

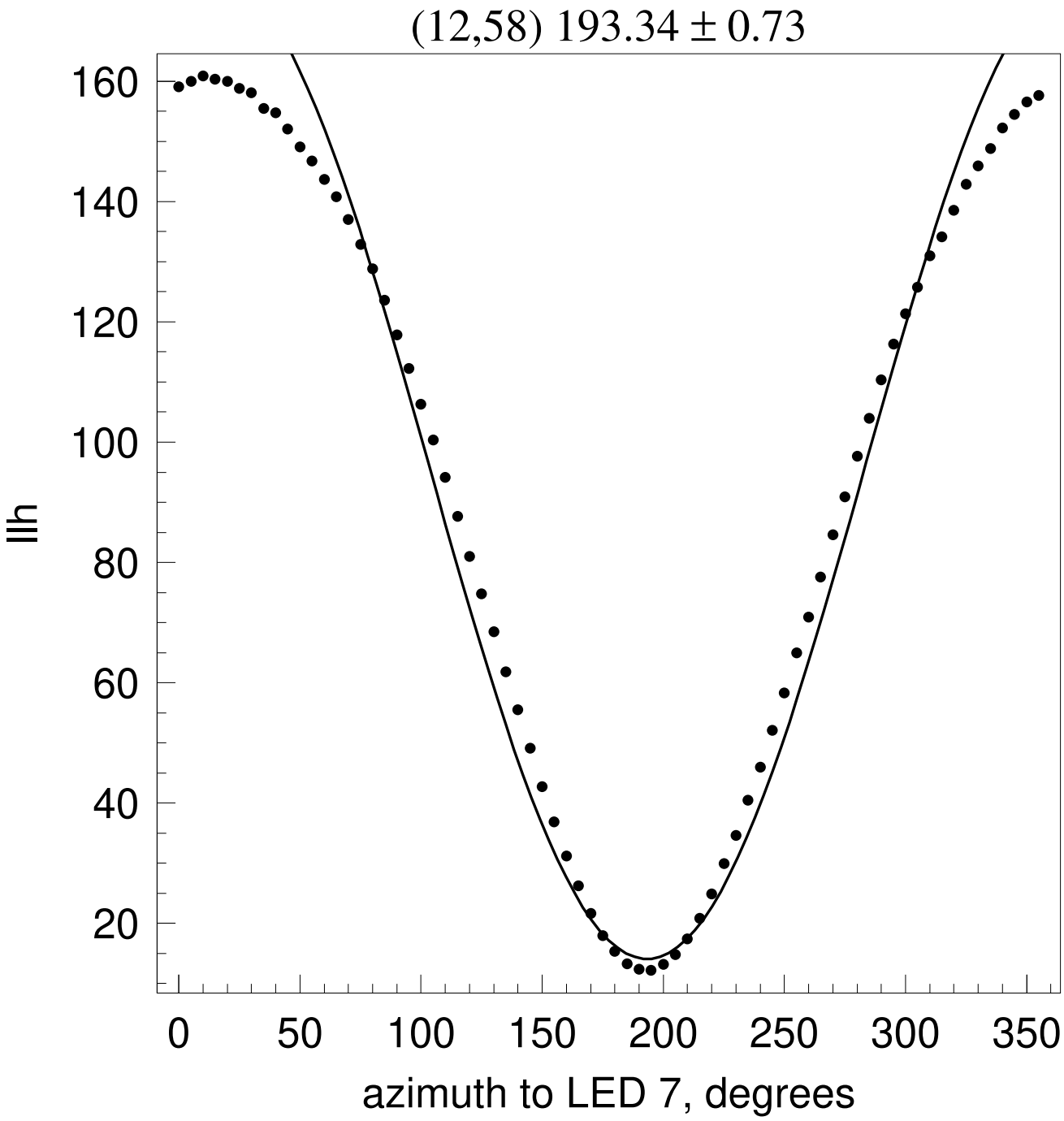

(12,53) 129.01 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

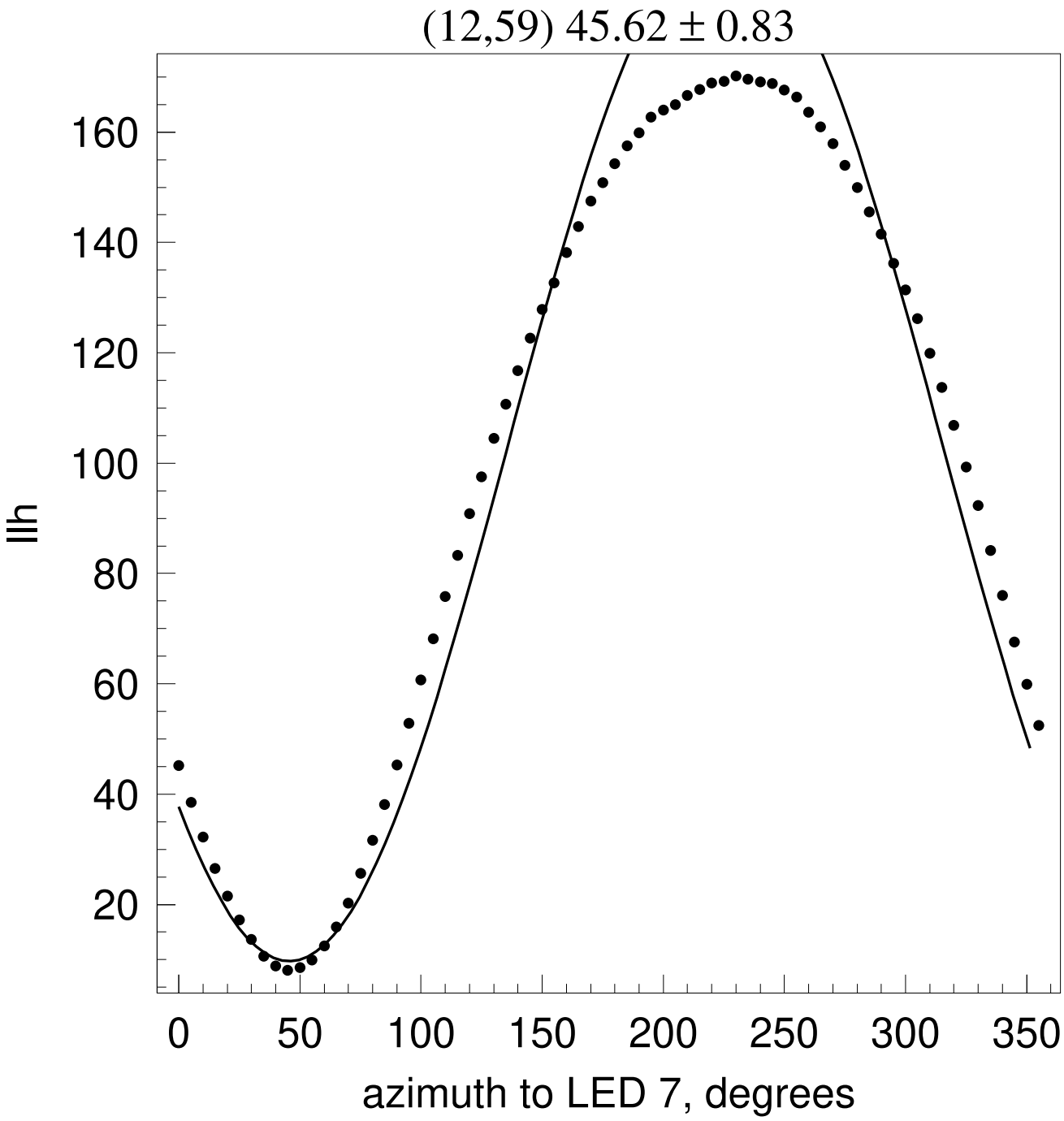

(12,54) 204.38 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

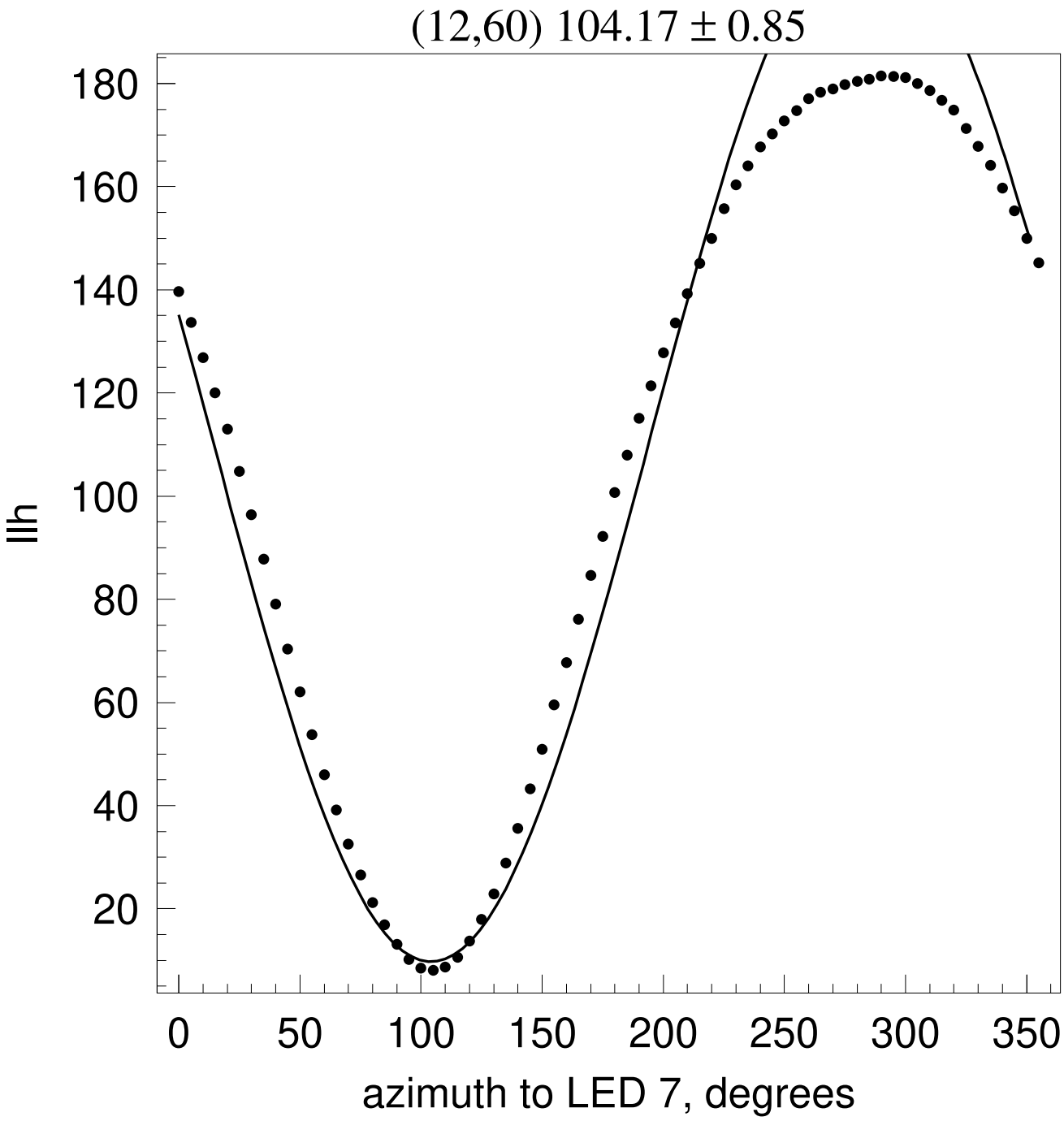

(12,55) 37.71 ± 0.28
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

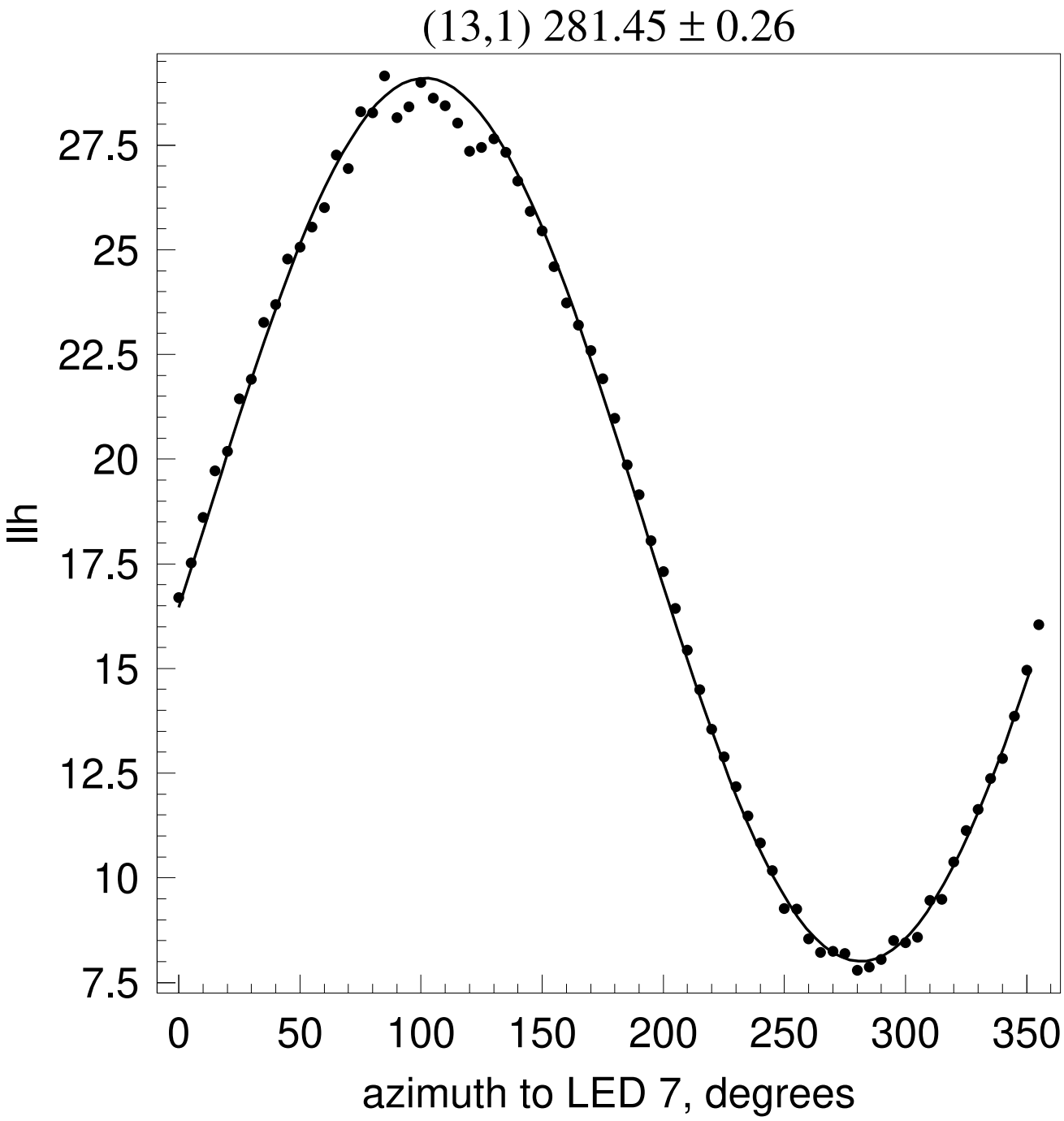

(12,56) 197.08 ± 0.40
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

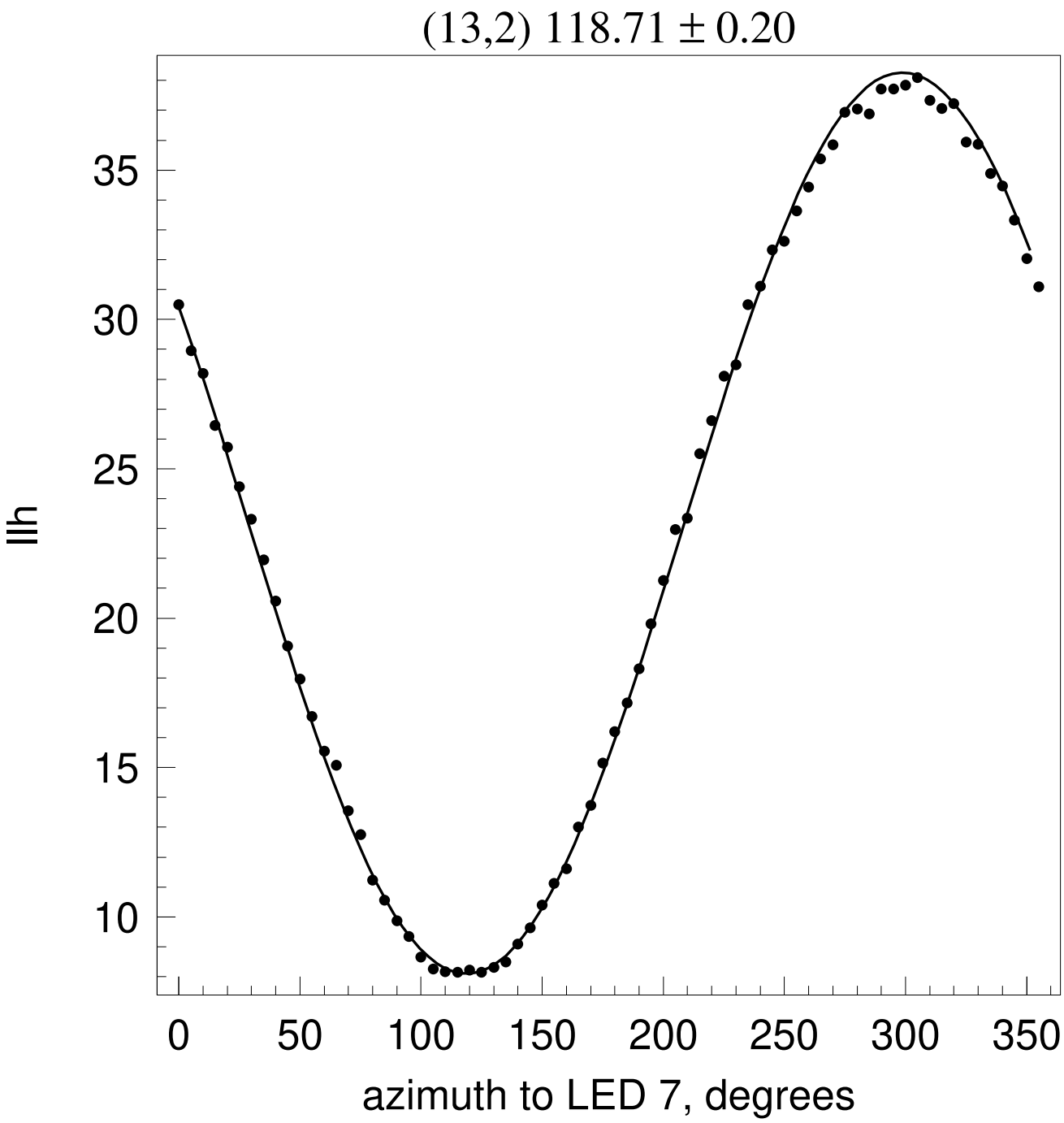

(12,57) 111.02 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

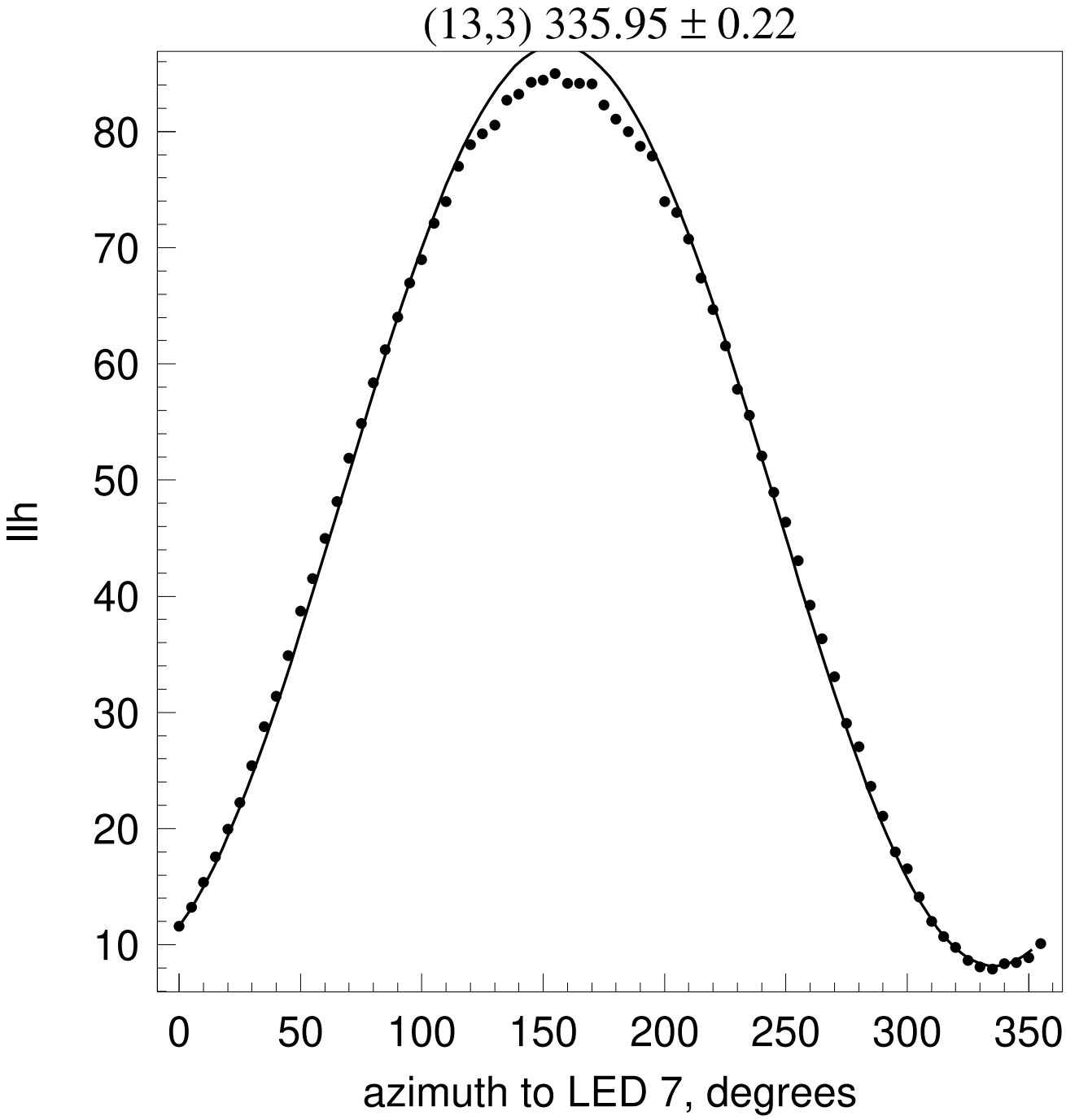

(12,58) 193.34 ± 0.73
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

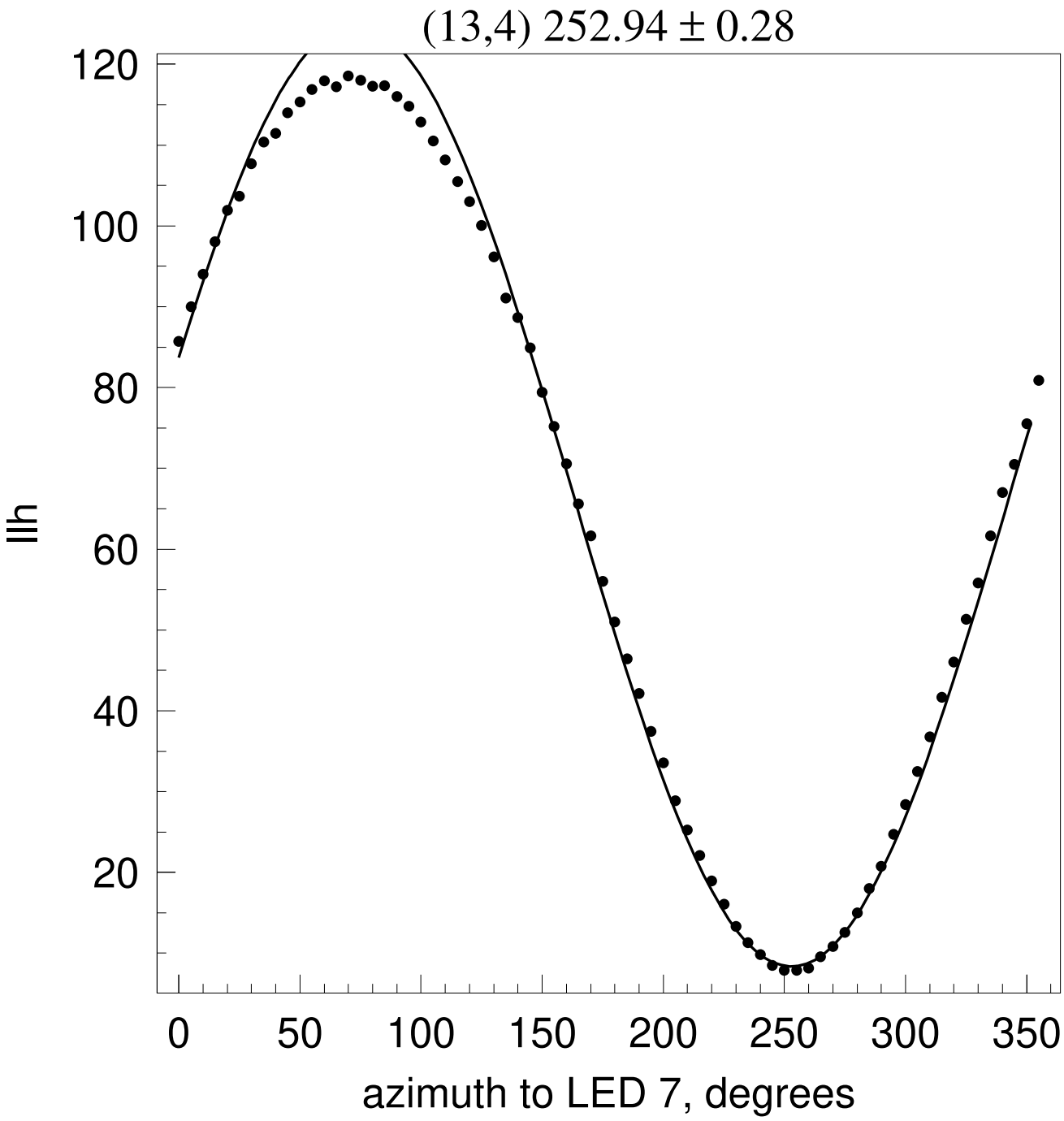

(12,59) 45.62 ± 0.83
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

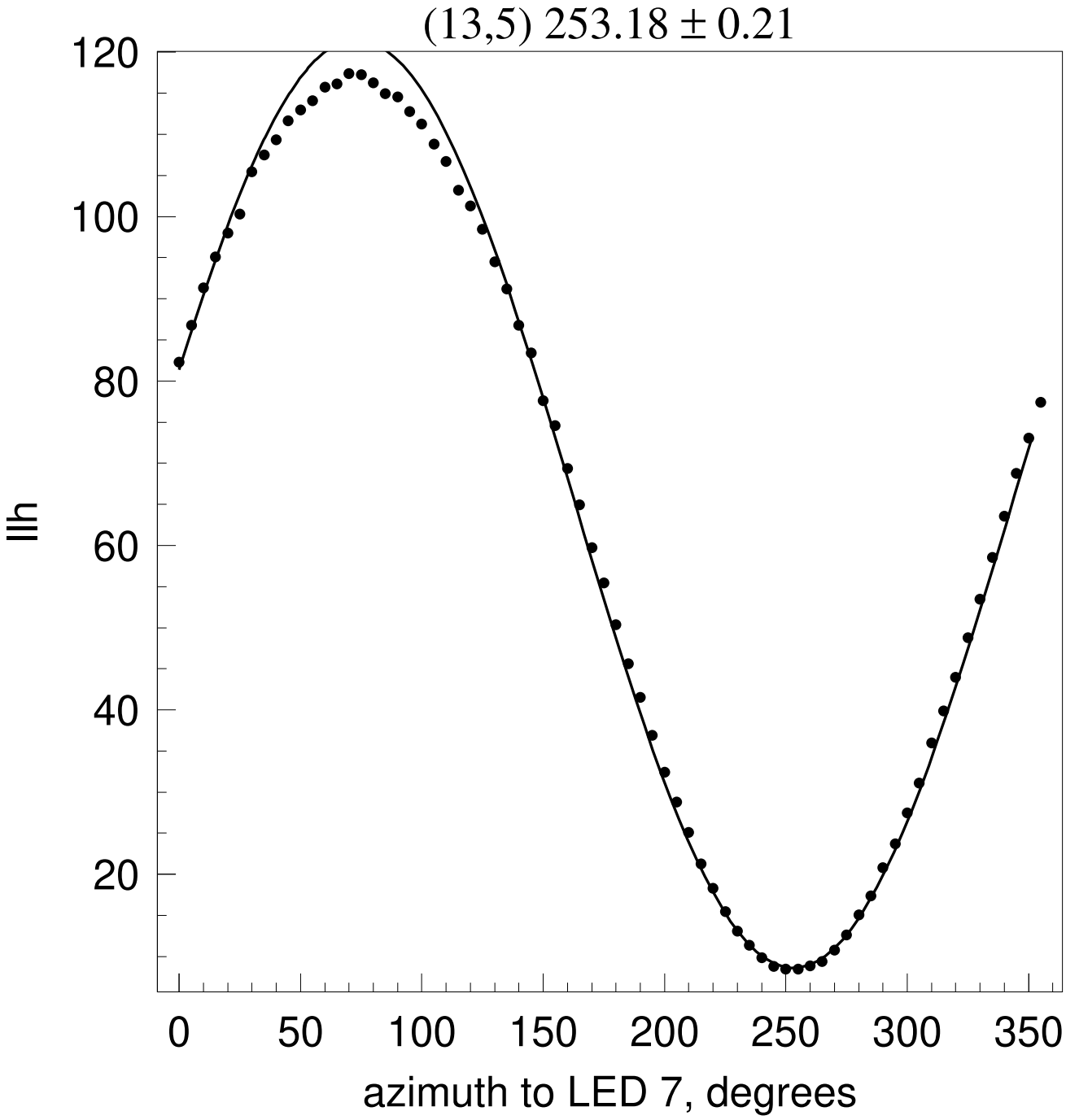

(12,60) 104.17 ± 0.85
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

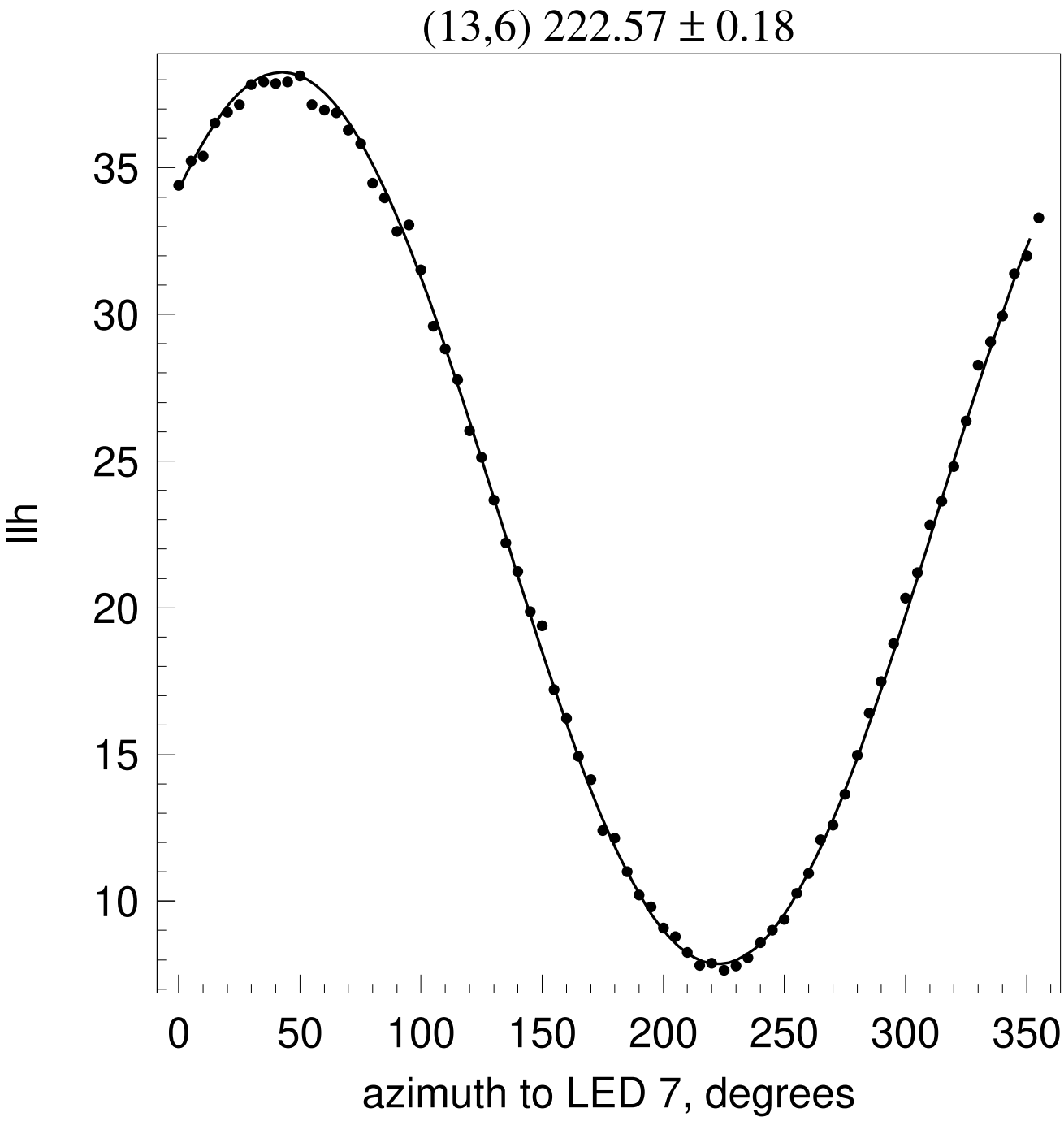

(13,1) 281.45 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

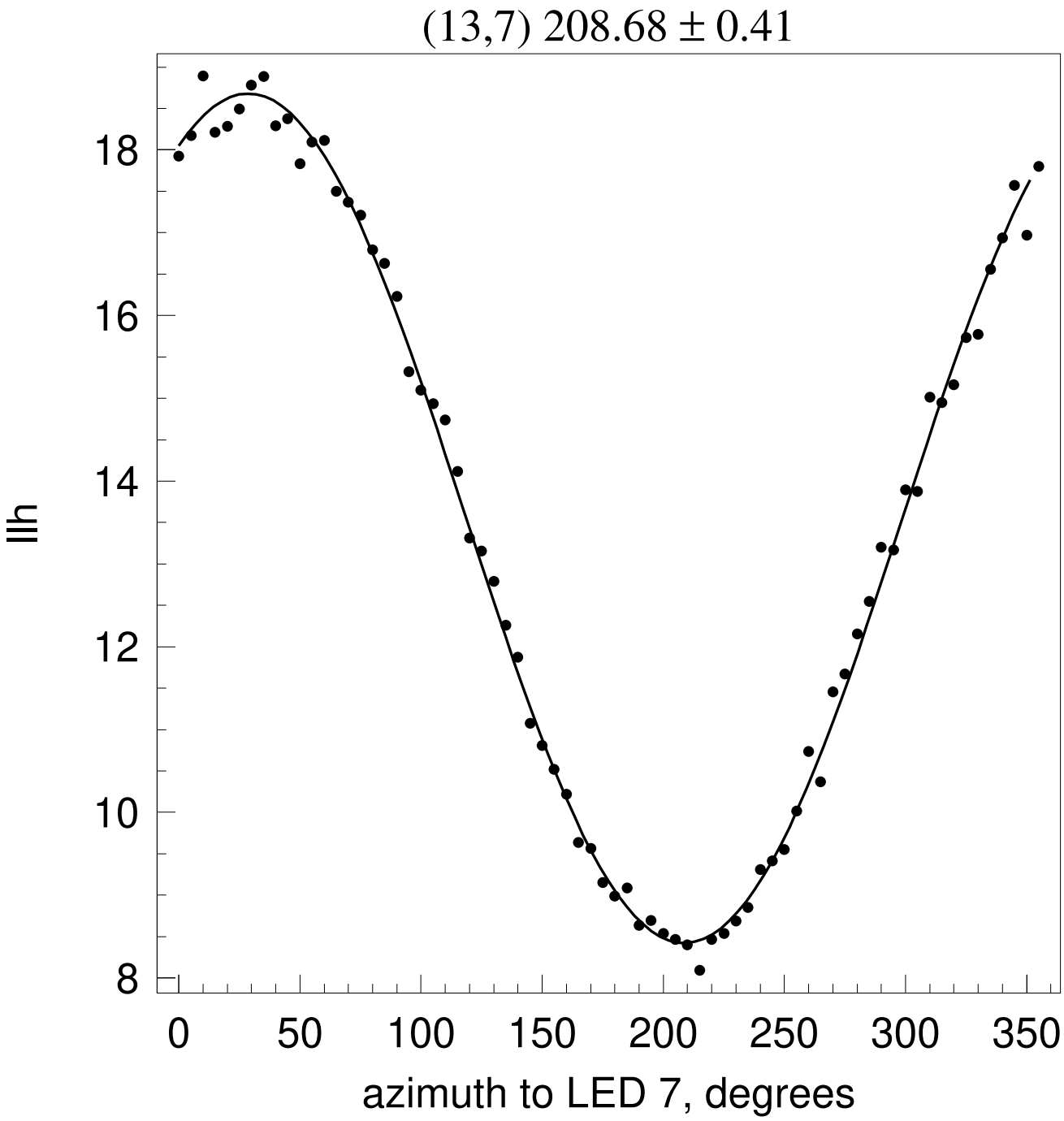

(13,2) 118.71 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

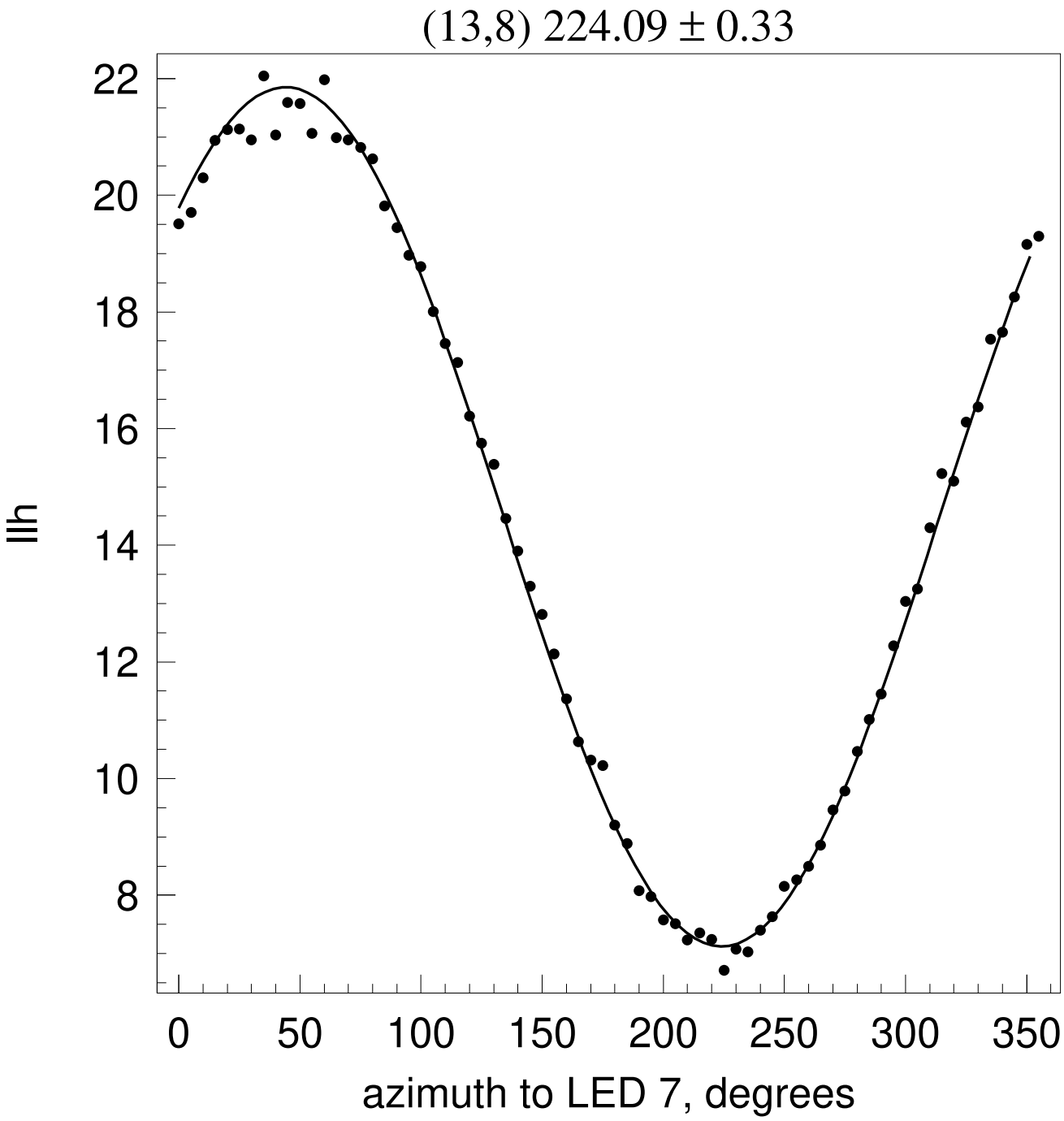

(13,3) 335.95 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

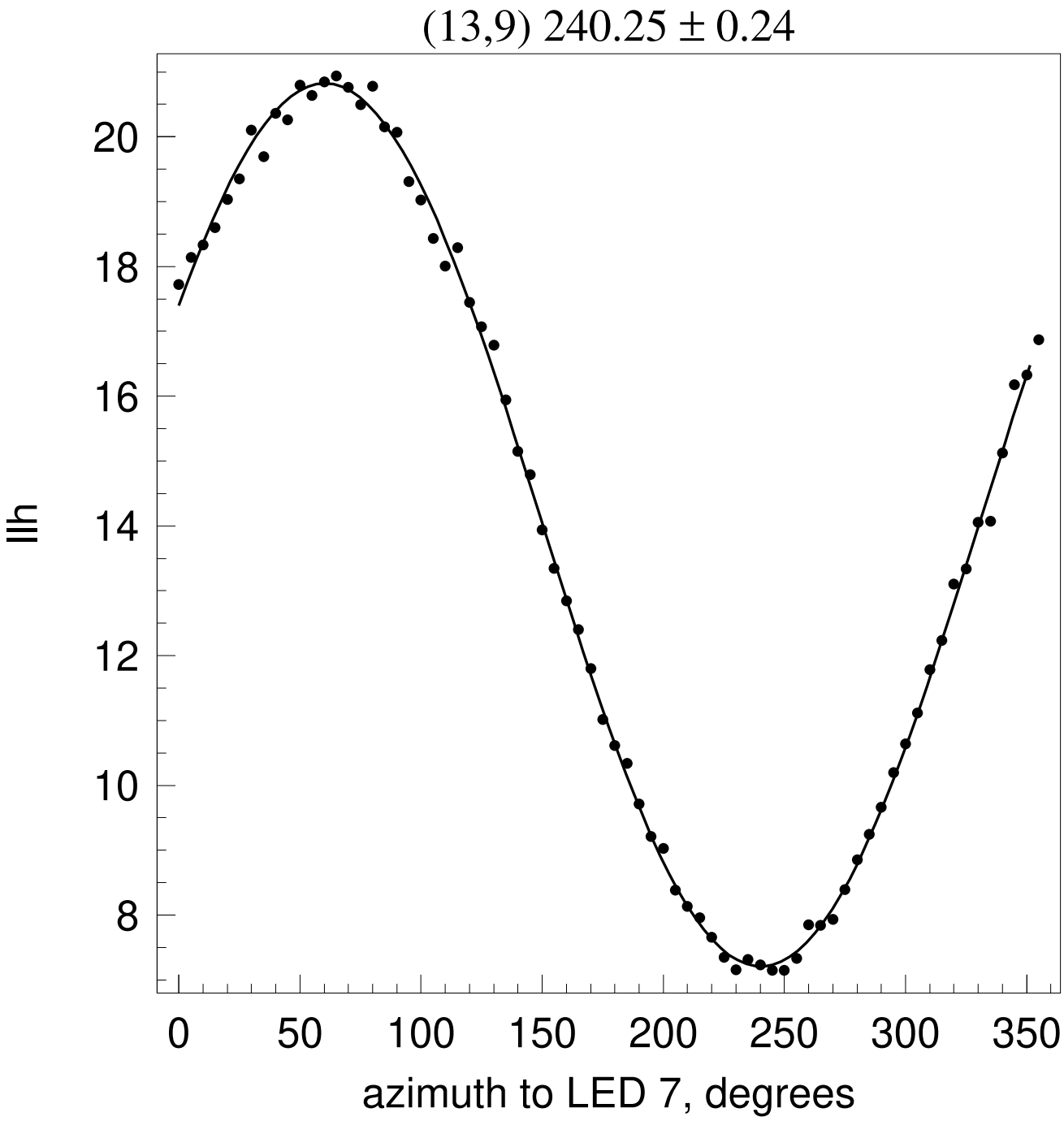

(13,4) 252.94 ± 0.28
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

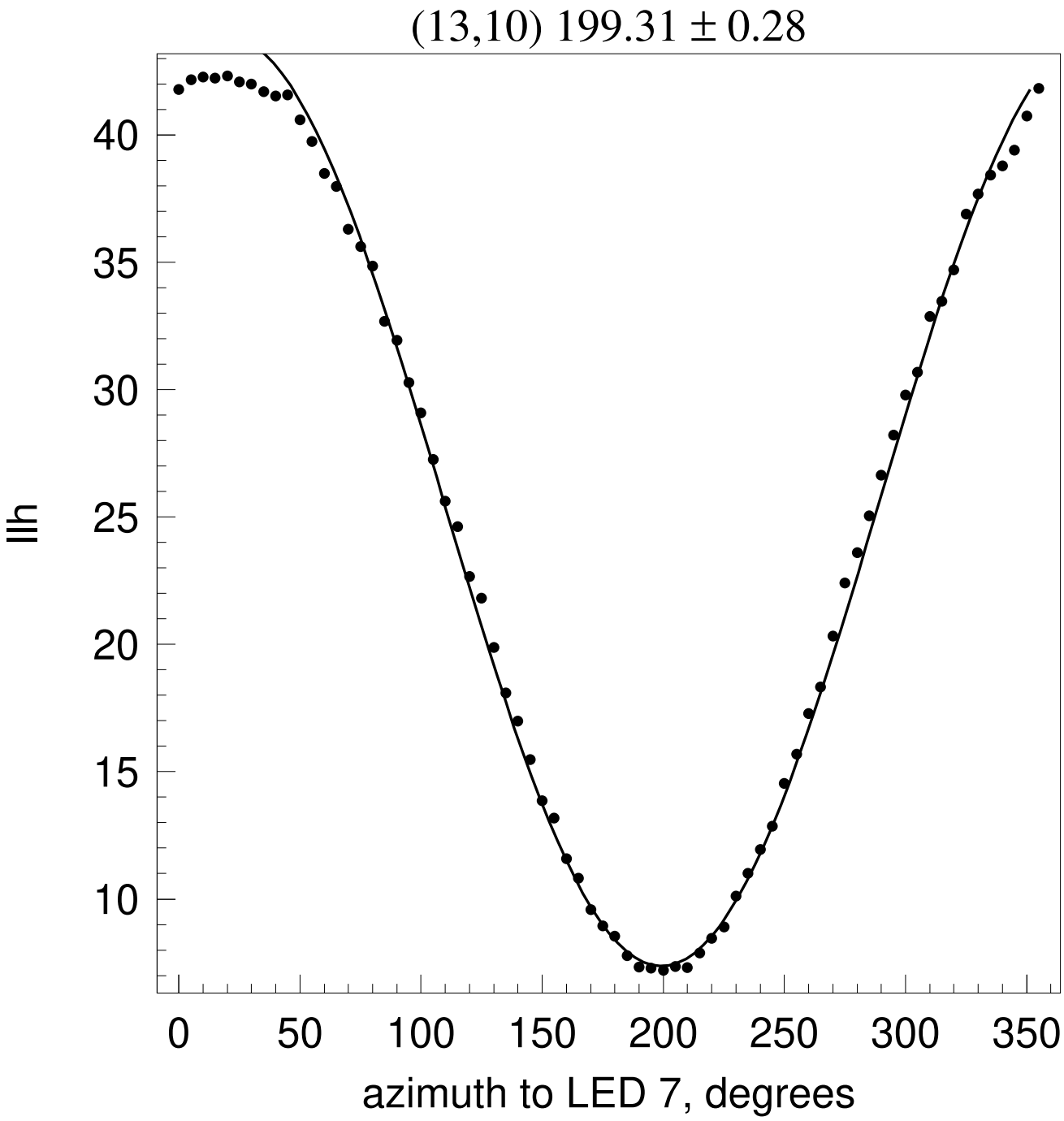

(13,5) 253.18 ± 0.21
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

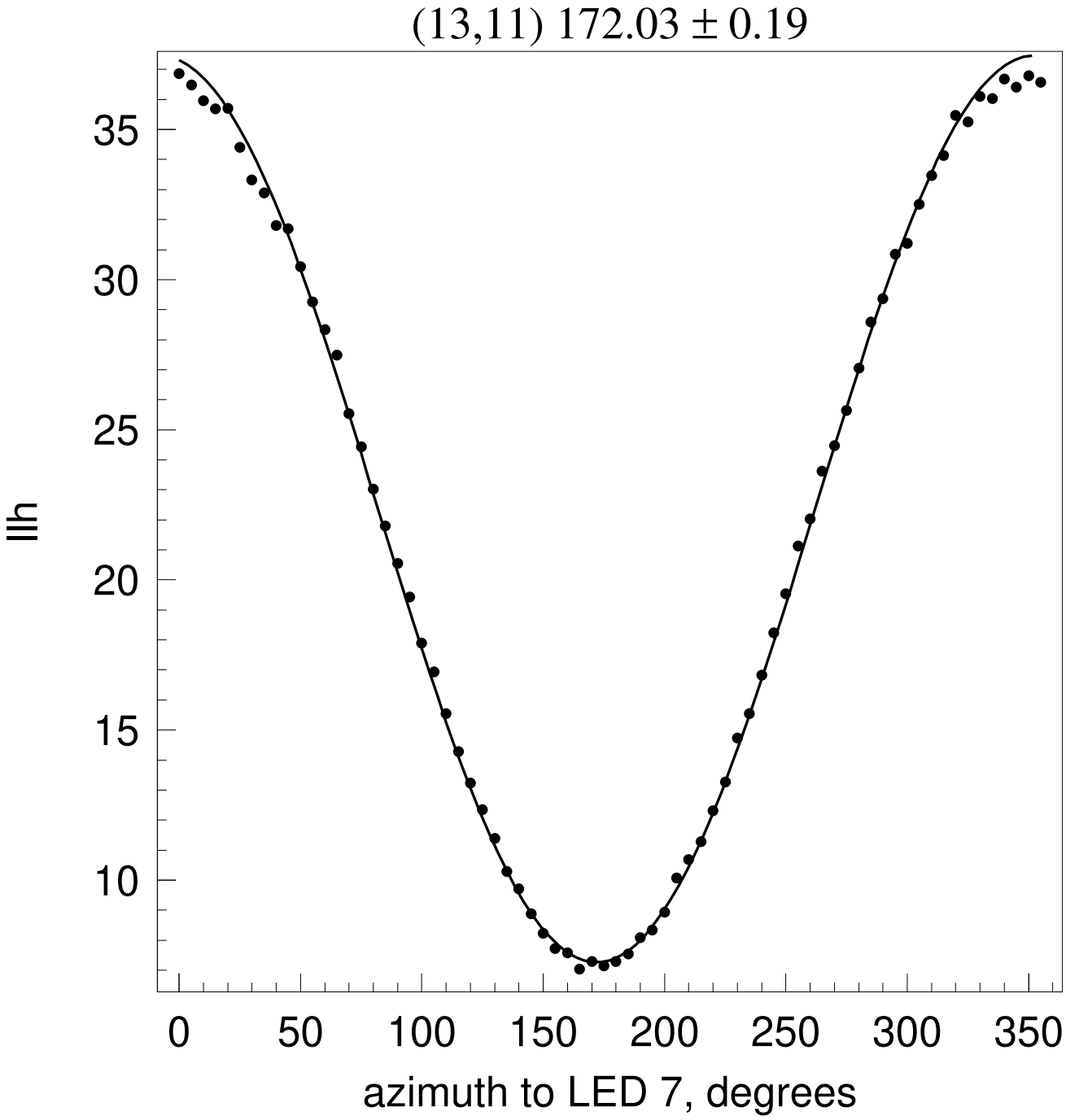

(13,6) 222.57 ± 0.18
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

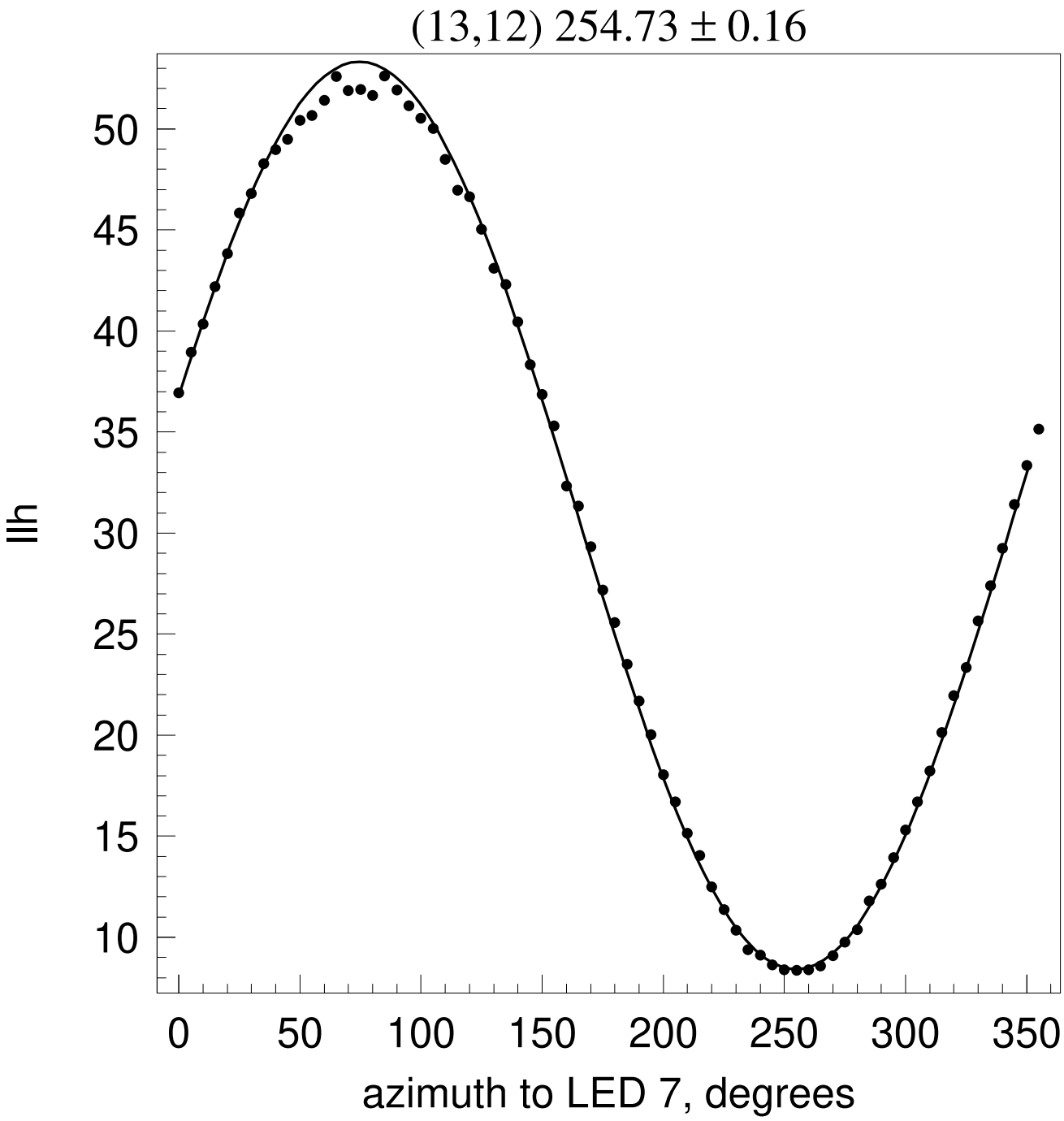

(13,7) 208.68 ± 0.41
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

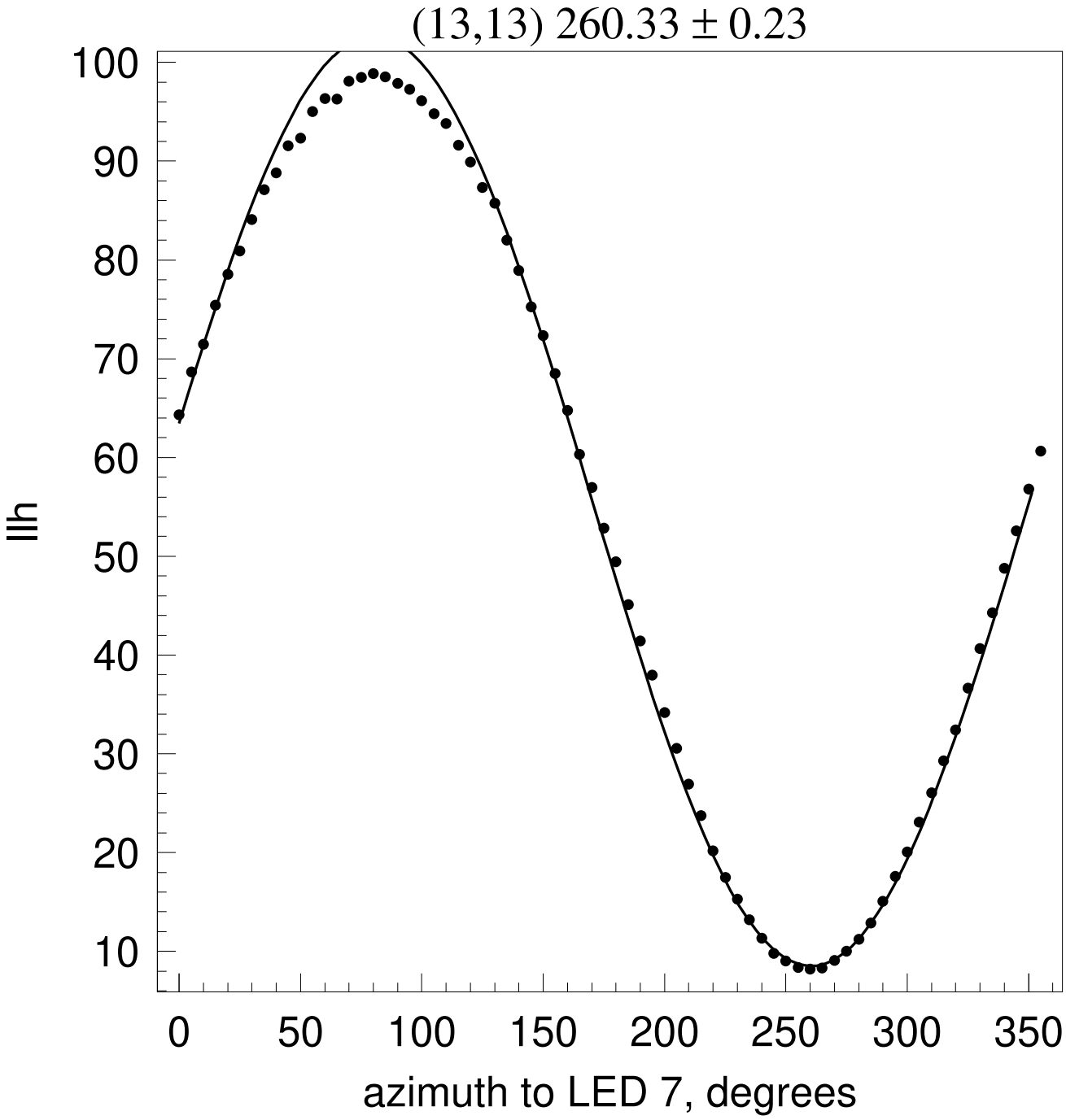

(13,8) 224.09 ± 0.33
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

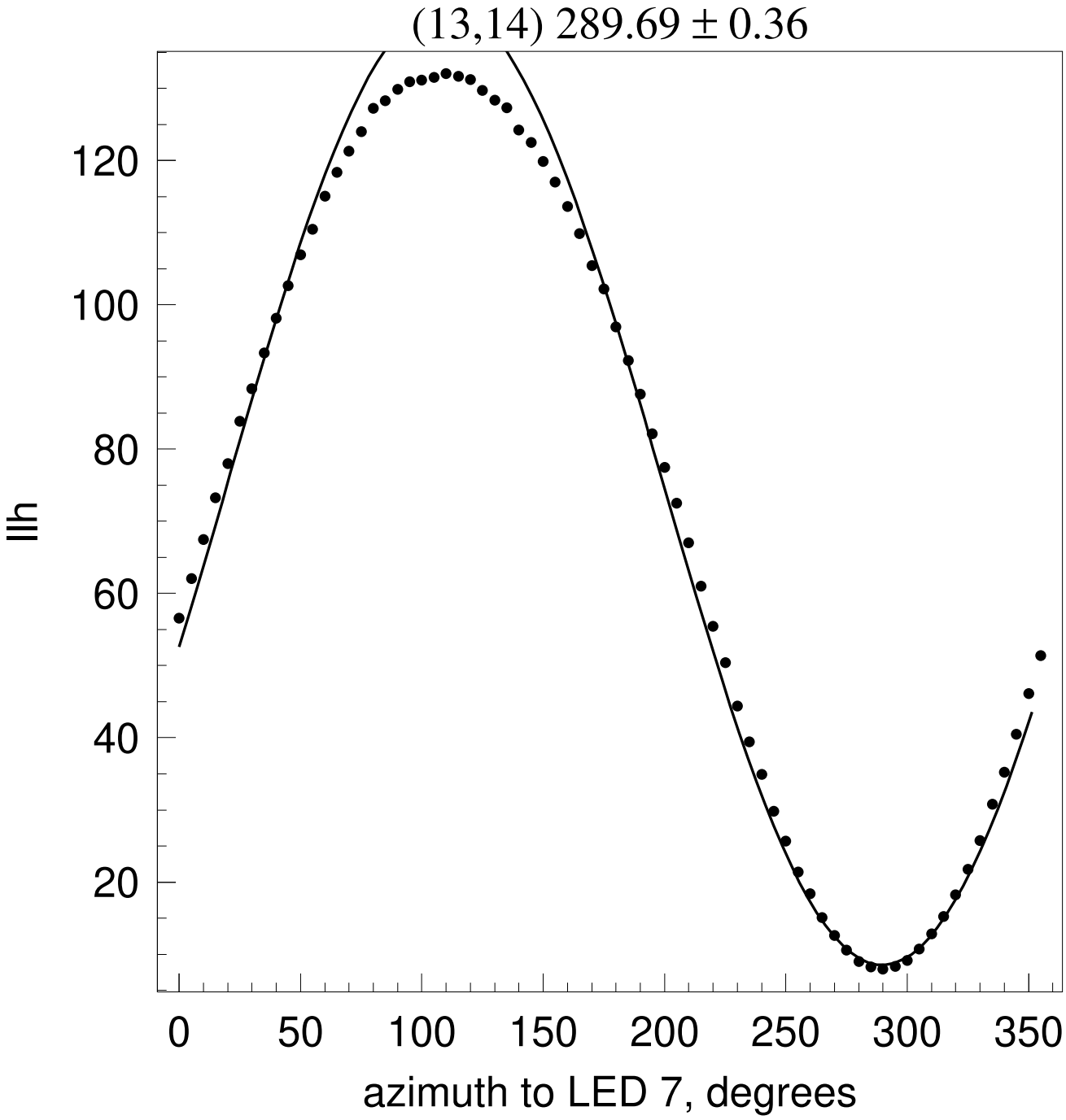

(13,9) 240.25 ± 0.24
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

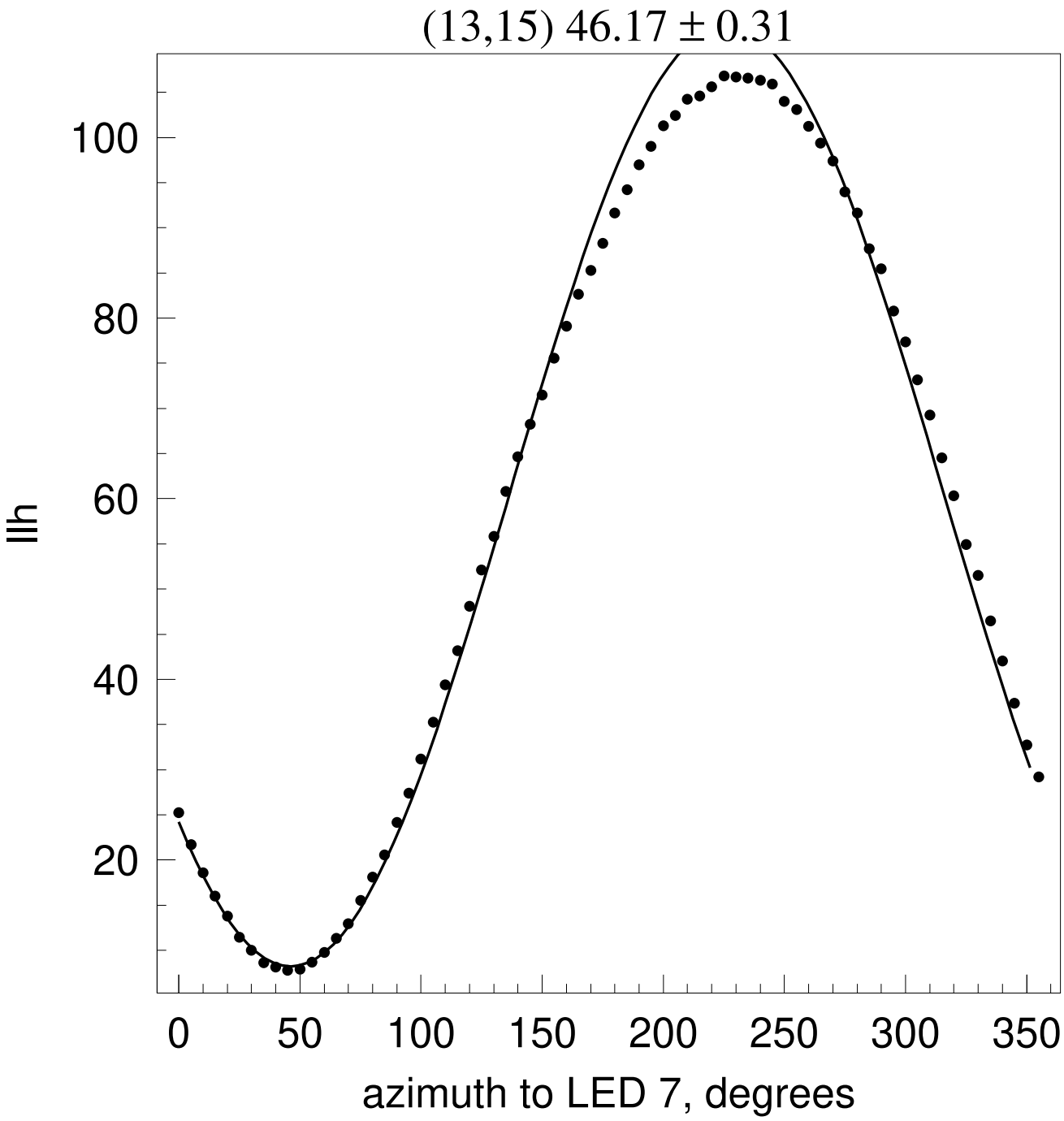

(13,10) 199.31 ± 0.28
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

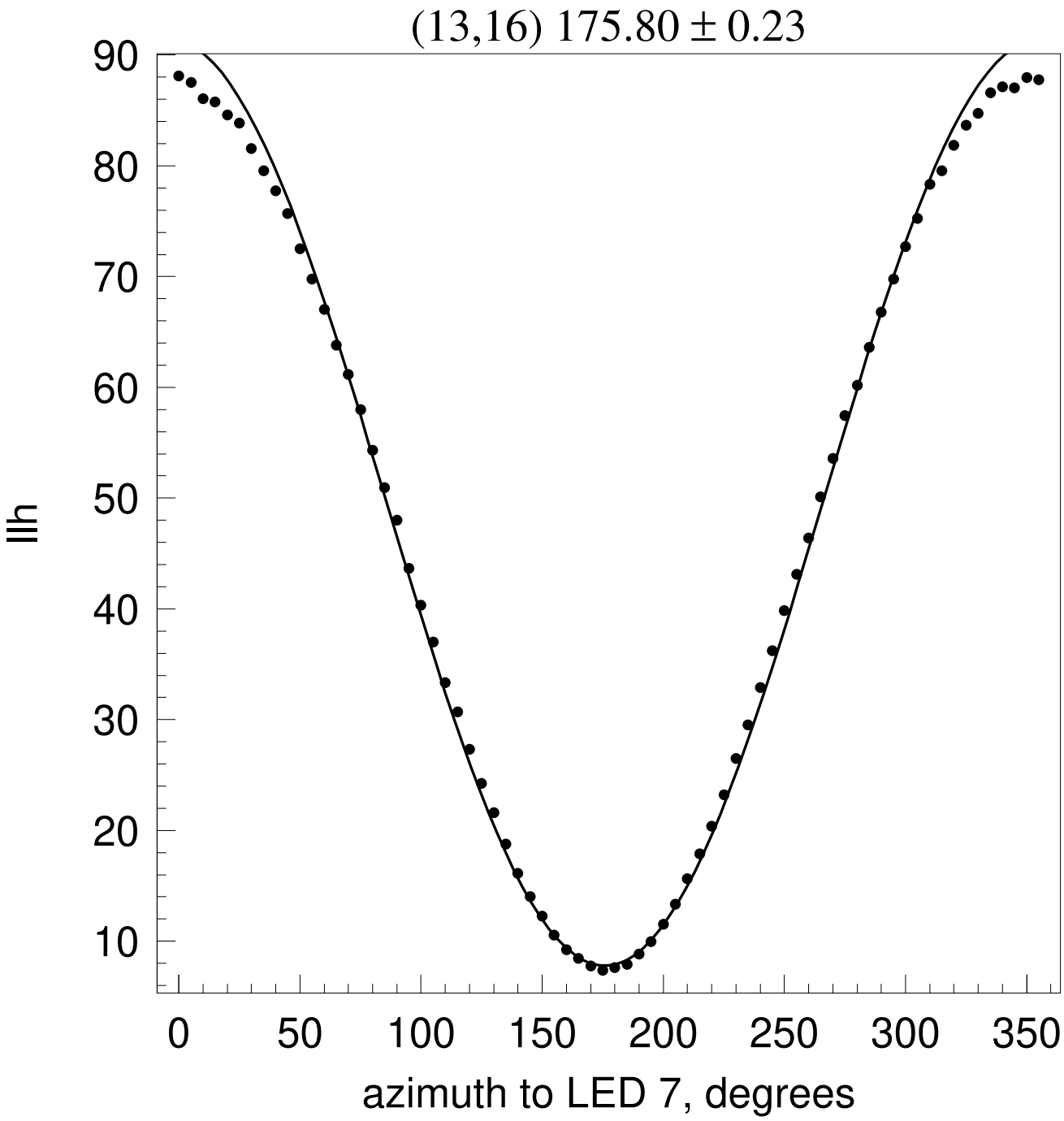

(13,11) 172.03 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

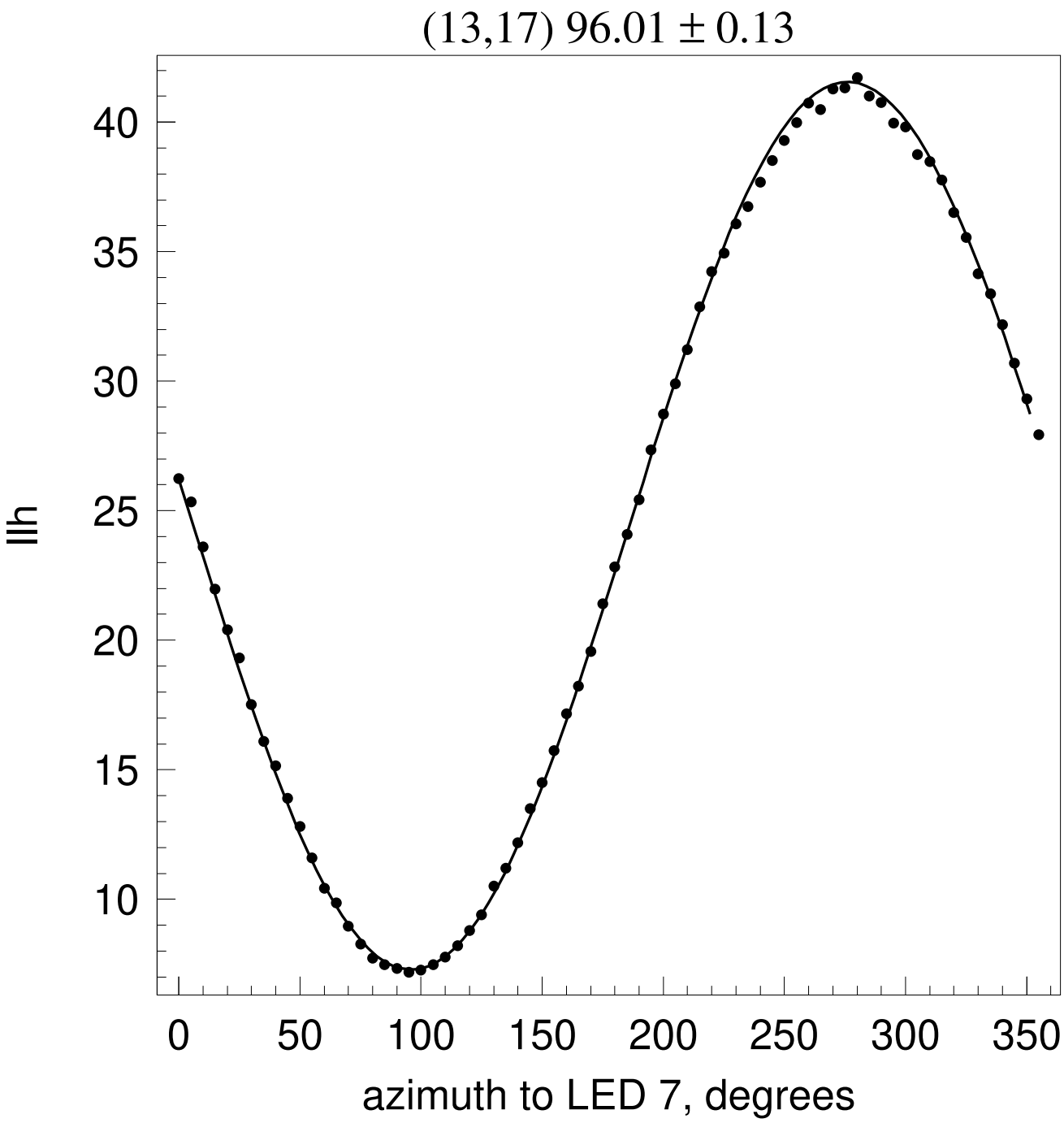

(13,12) 254.73 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

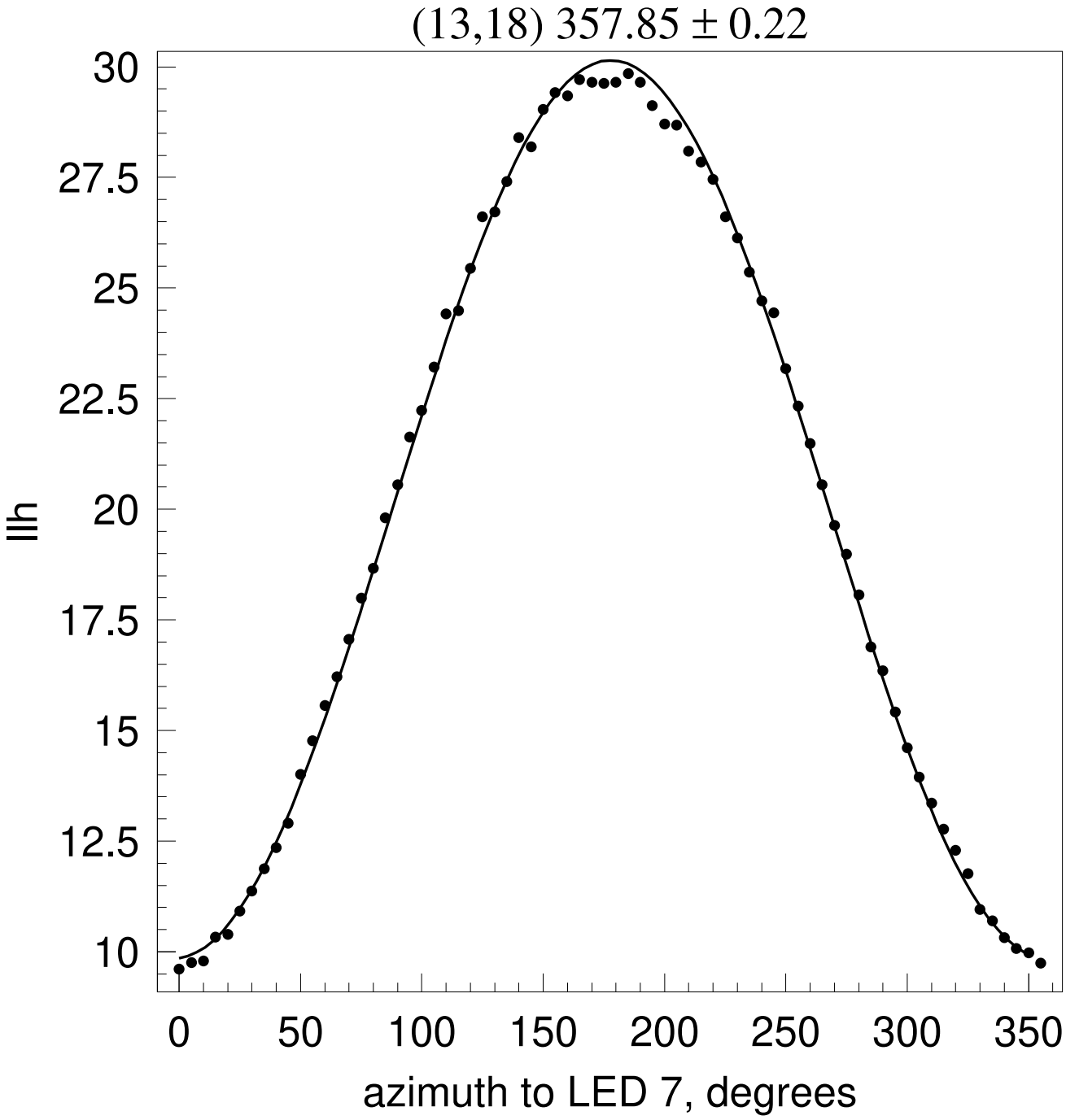

(13,13) 260.33 ± 0.23
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

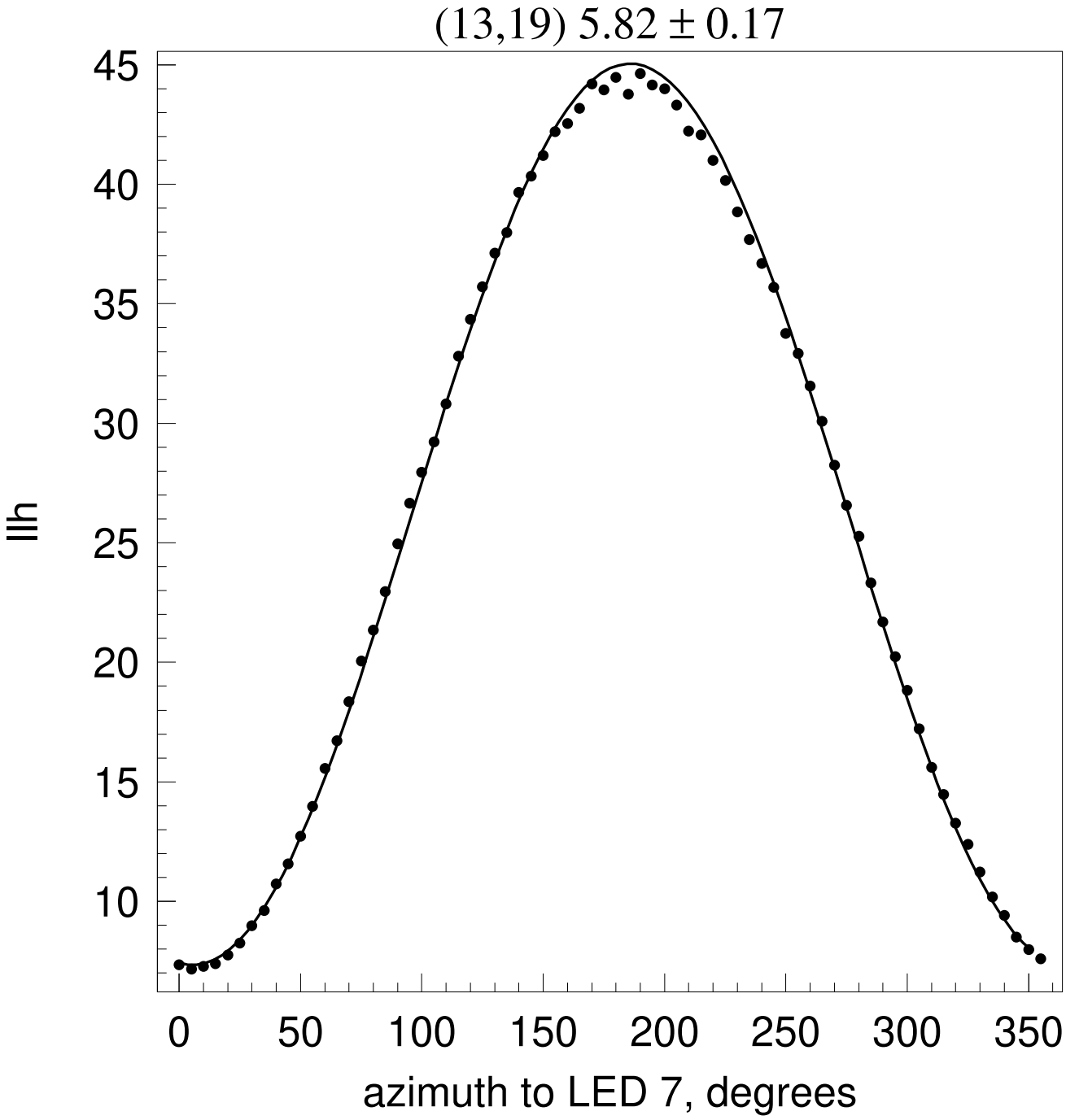

(13,14) 289.69 ± 0.36
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

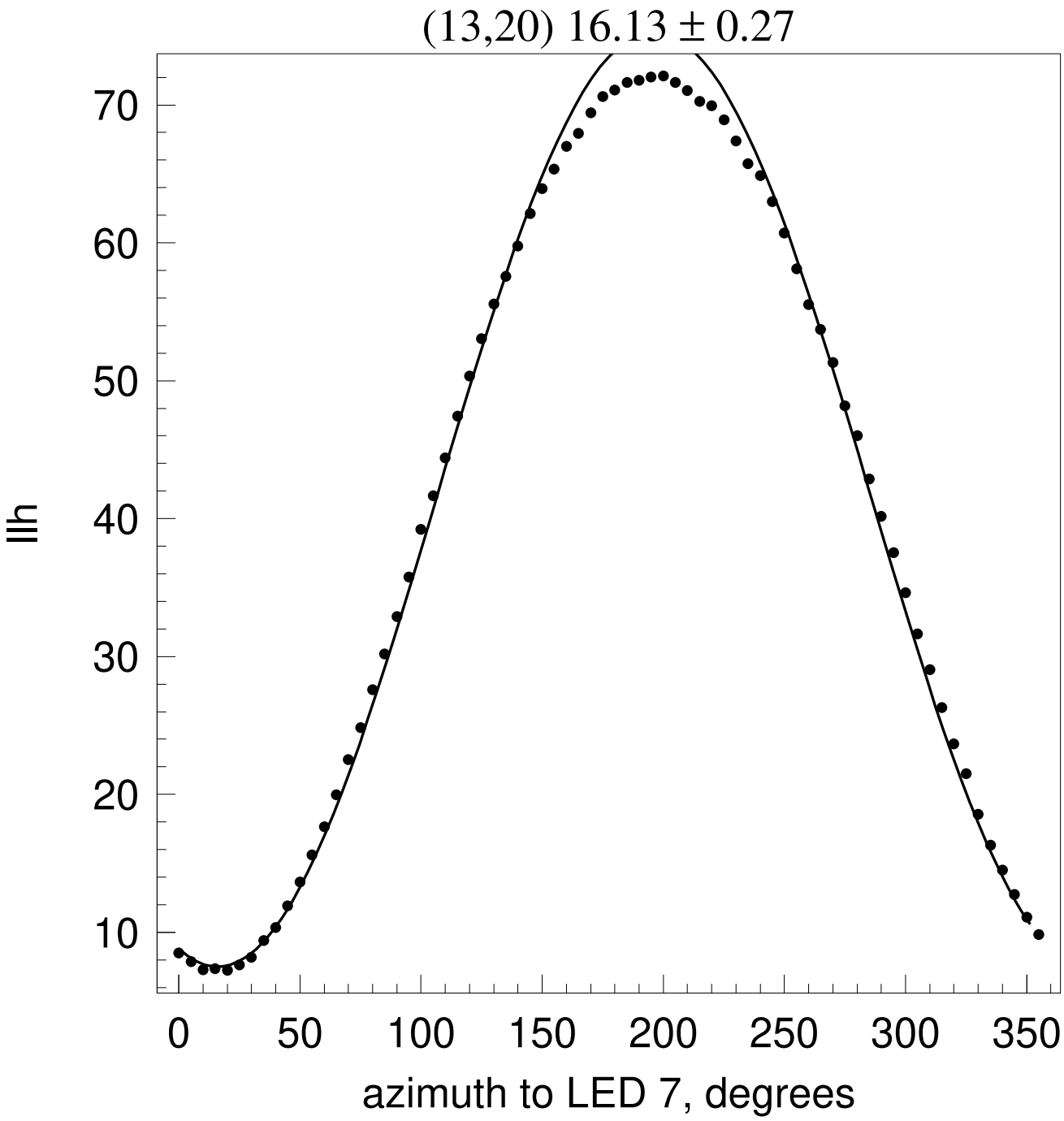

(13,15) 46.17 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

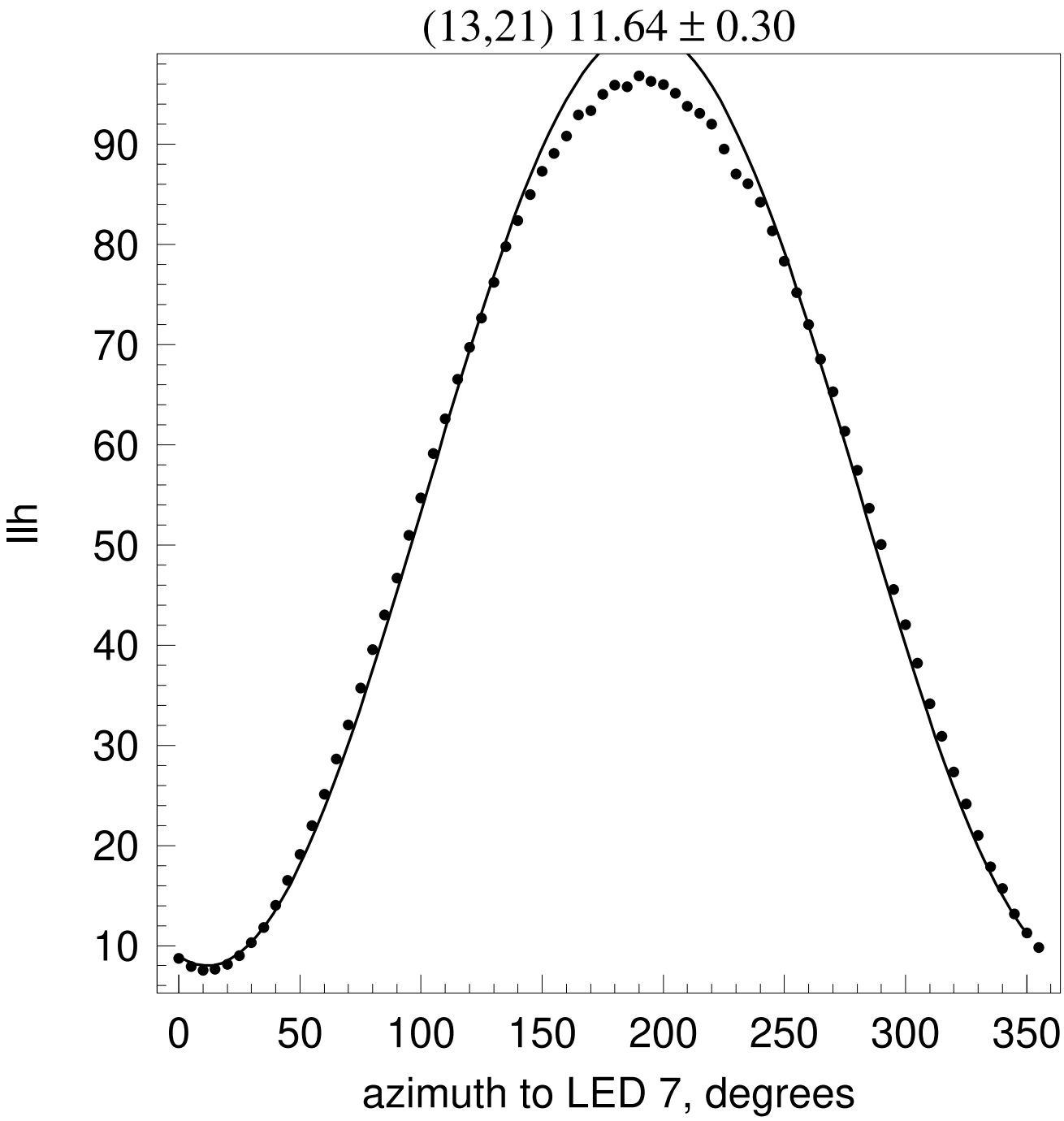

(13,16) 175.80 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

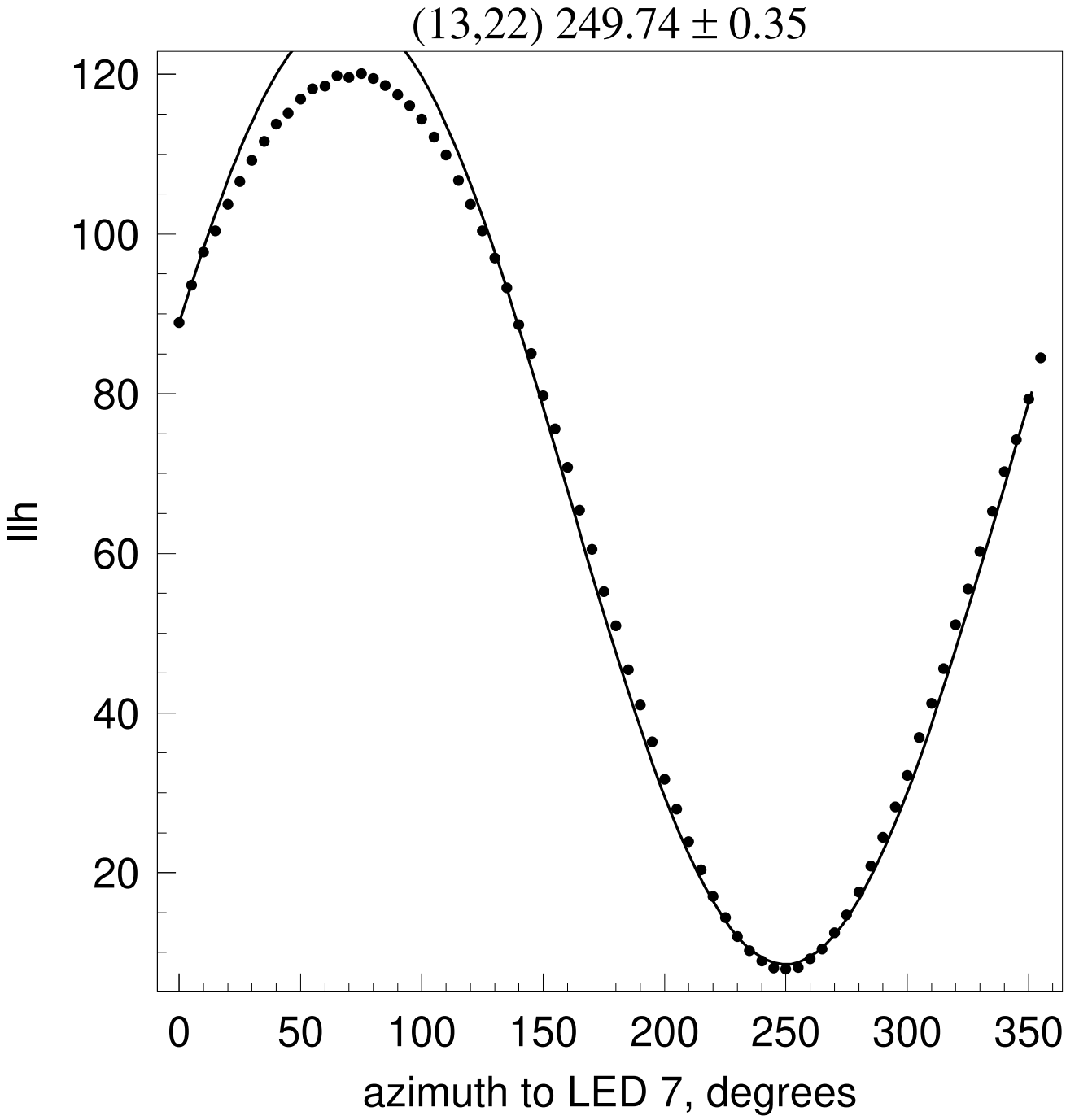

(13,17) 96.01 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

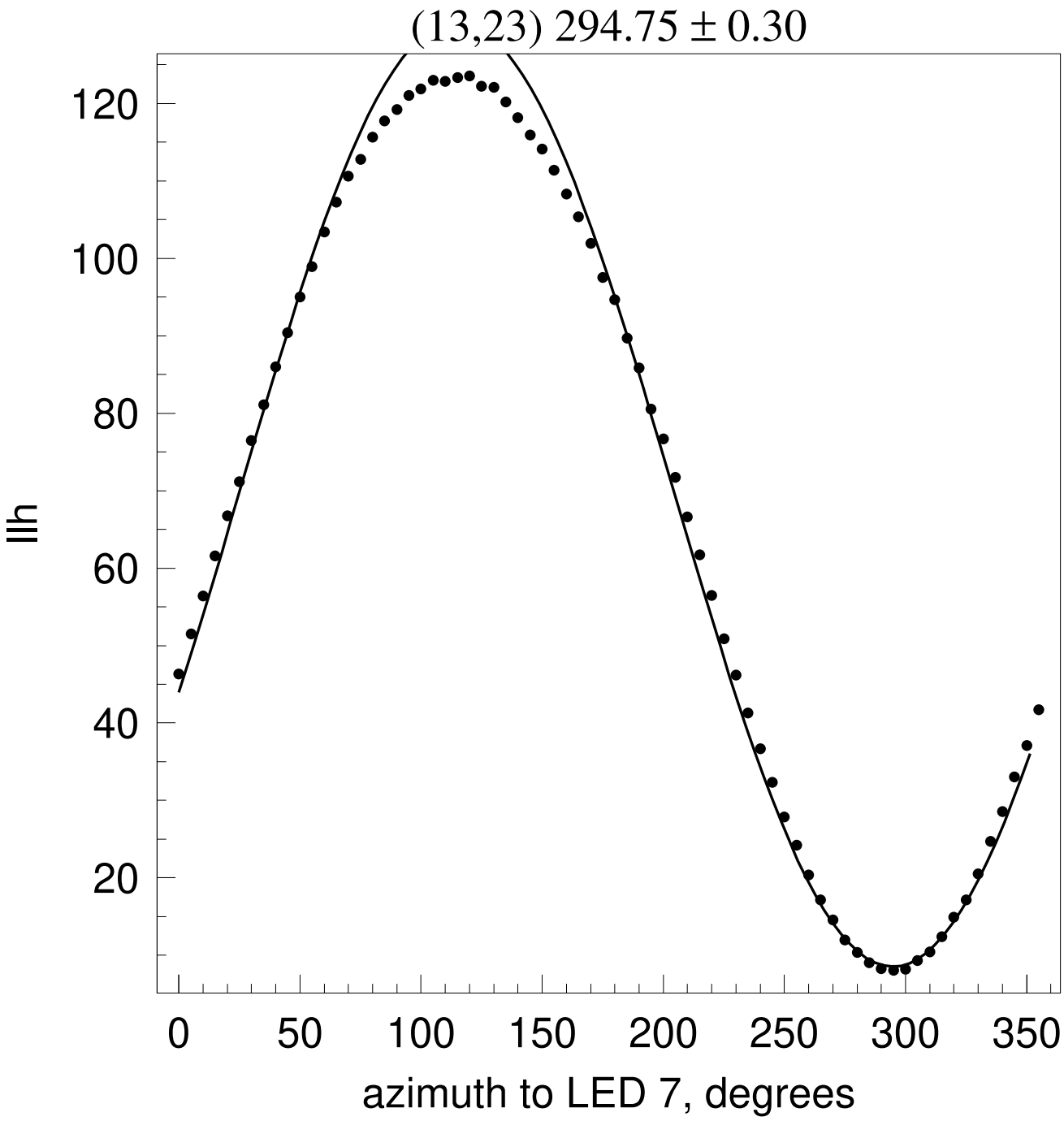

(13,18) 357.85 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

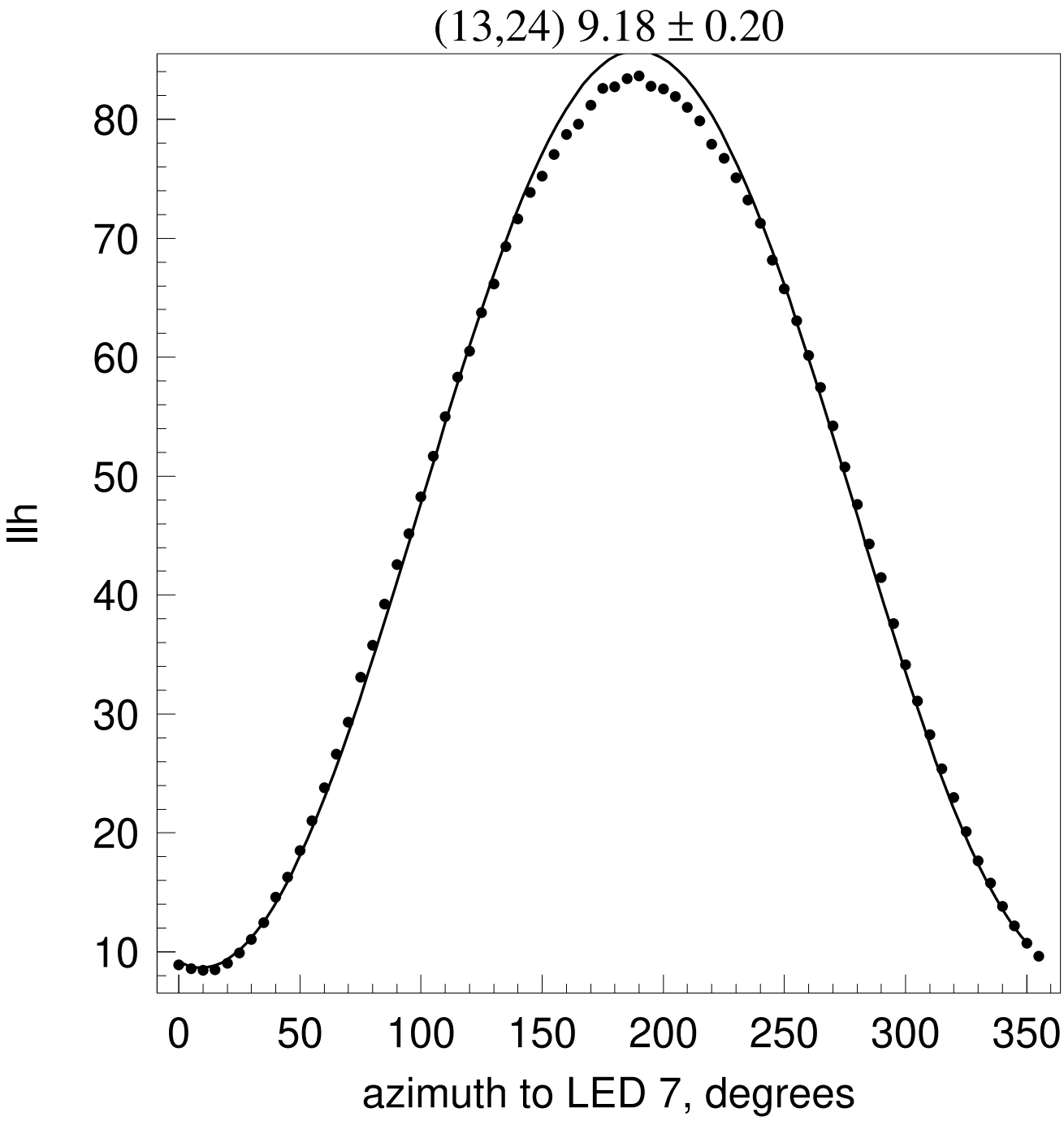

(13,19) 5.82 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

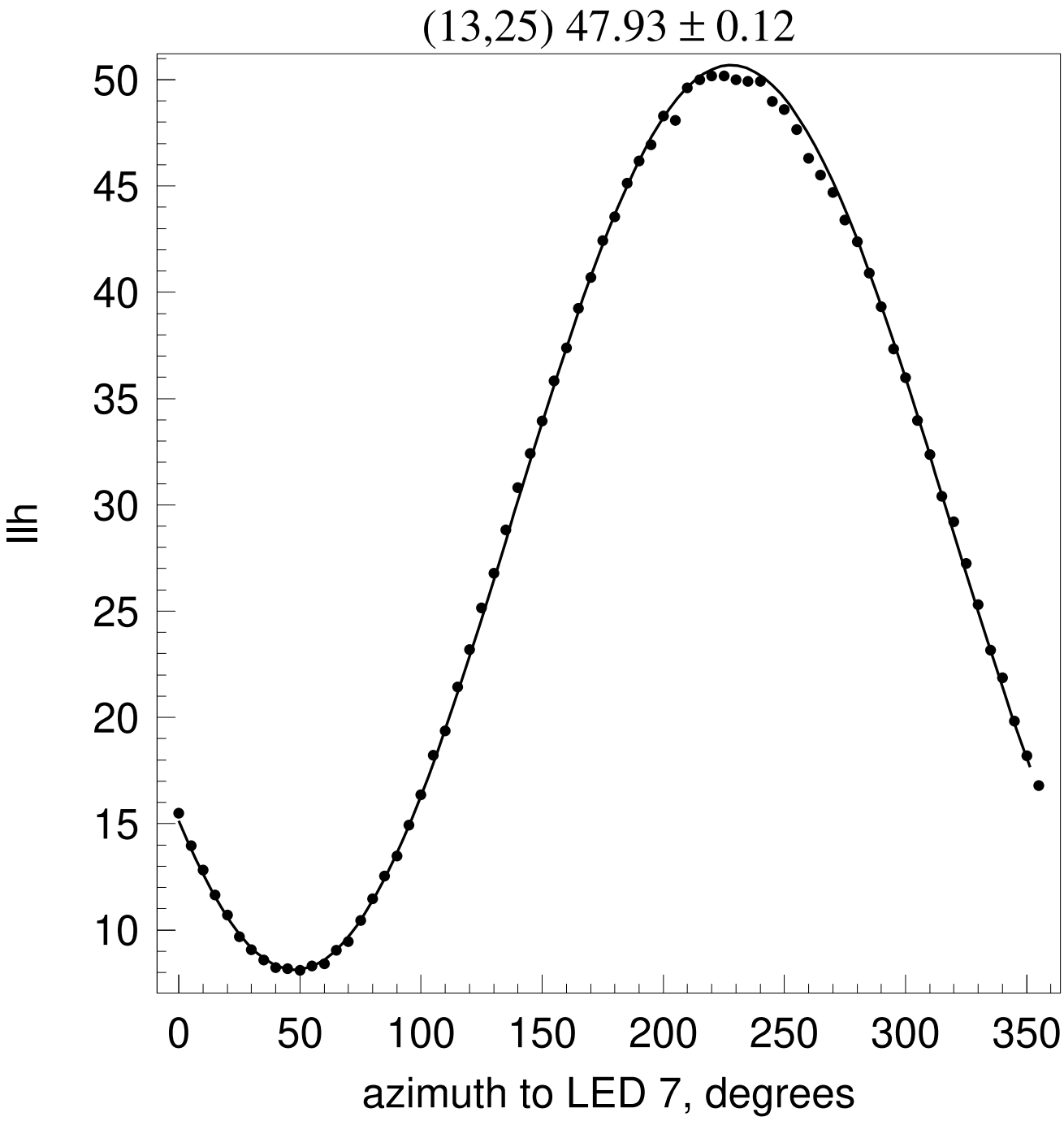

(13,20) 16.13 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

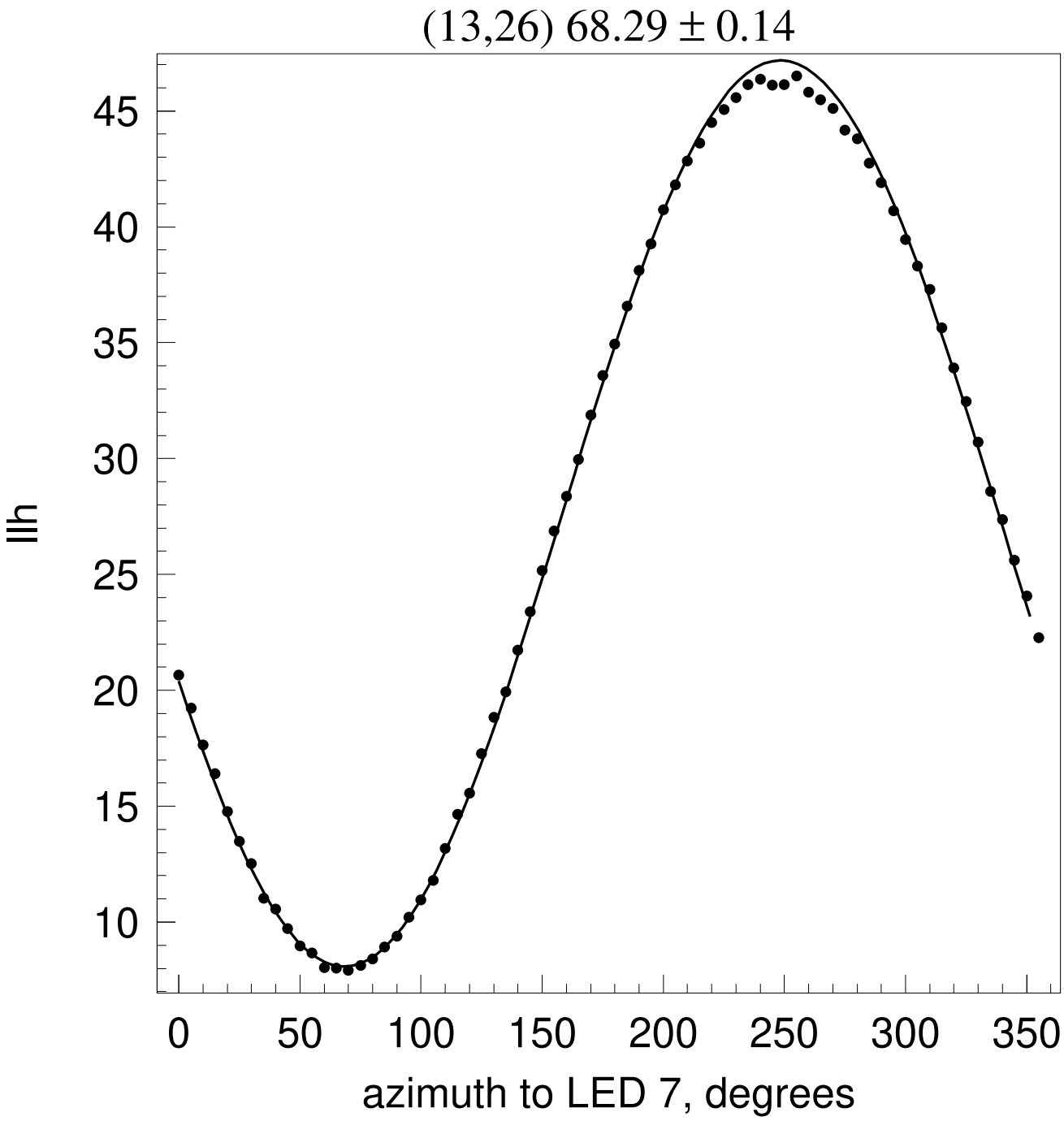

(13,21) 11.64 ± 0.30
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

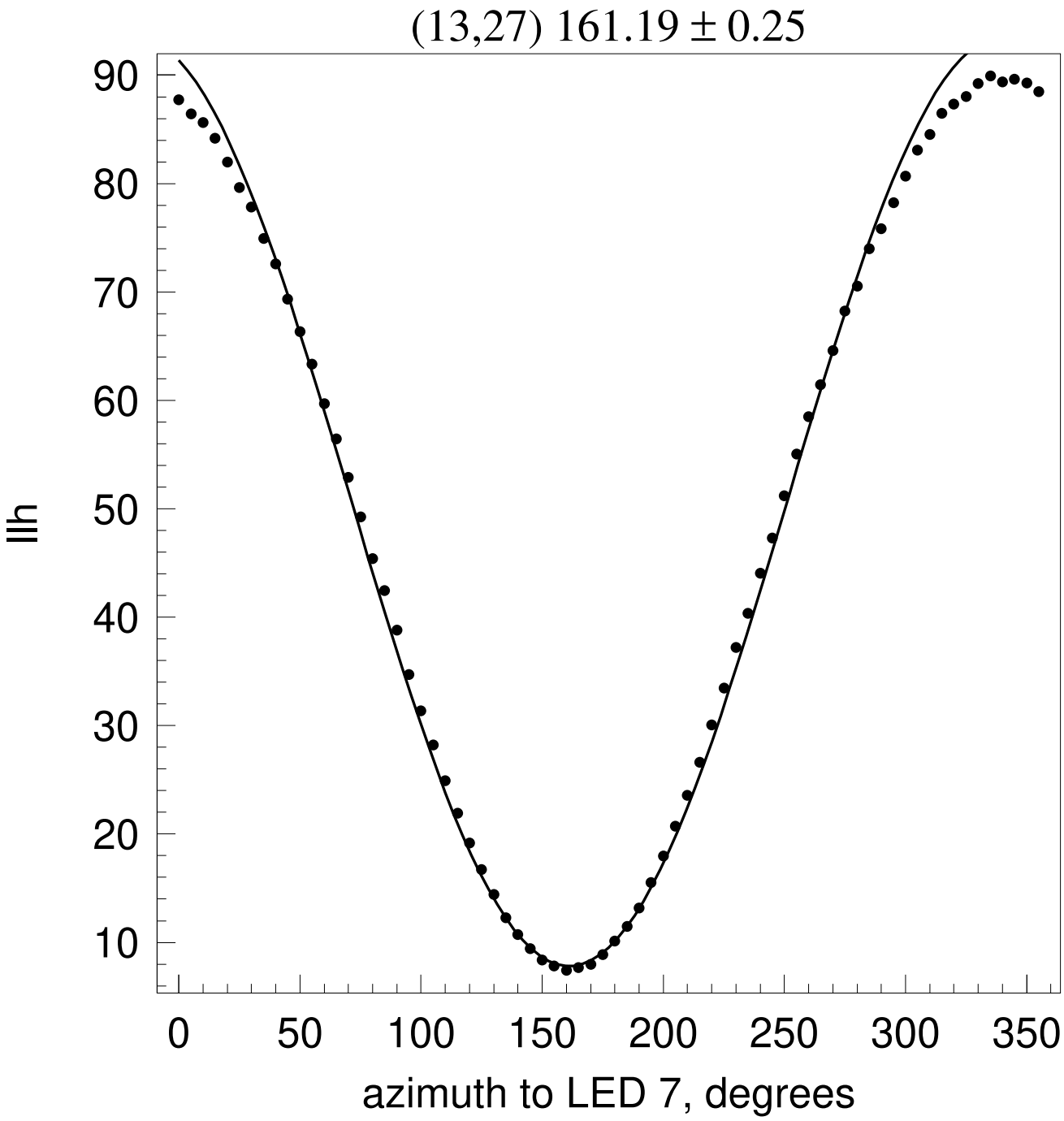

(13,22) 249.74 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

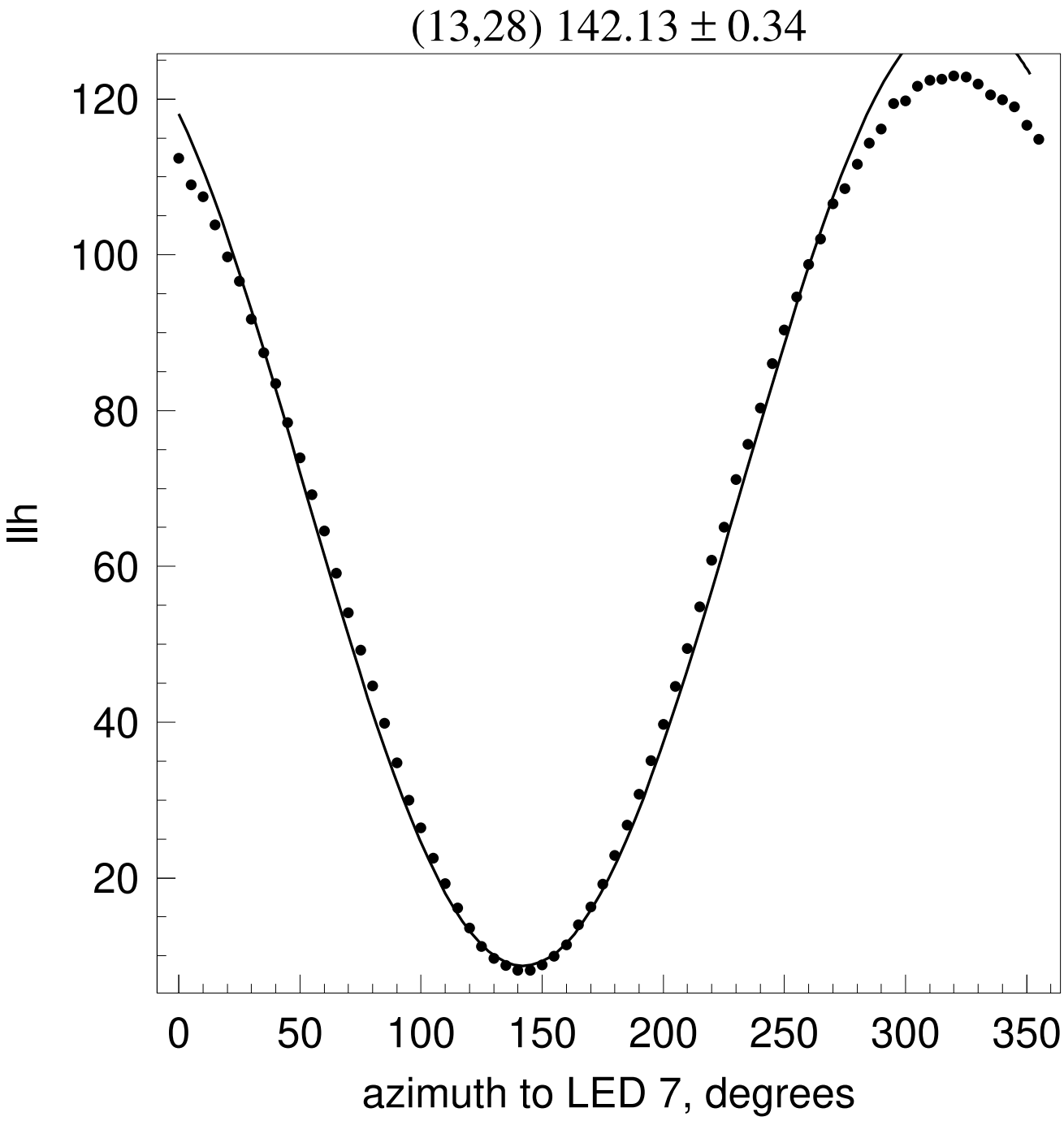

(13,23) 294.75 ± 0.30
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

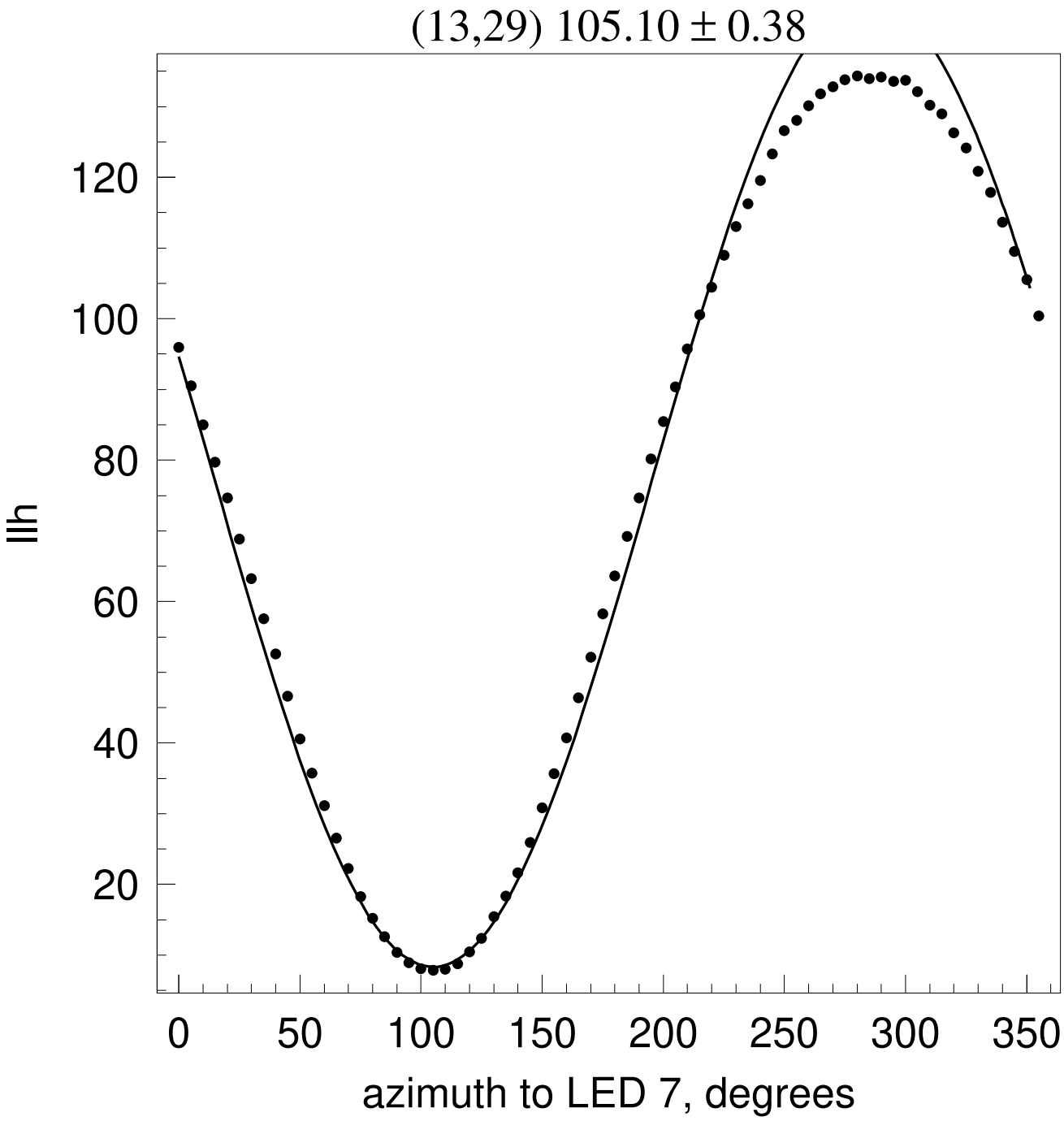

(13,24) 9.18 ± 0.20
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

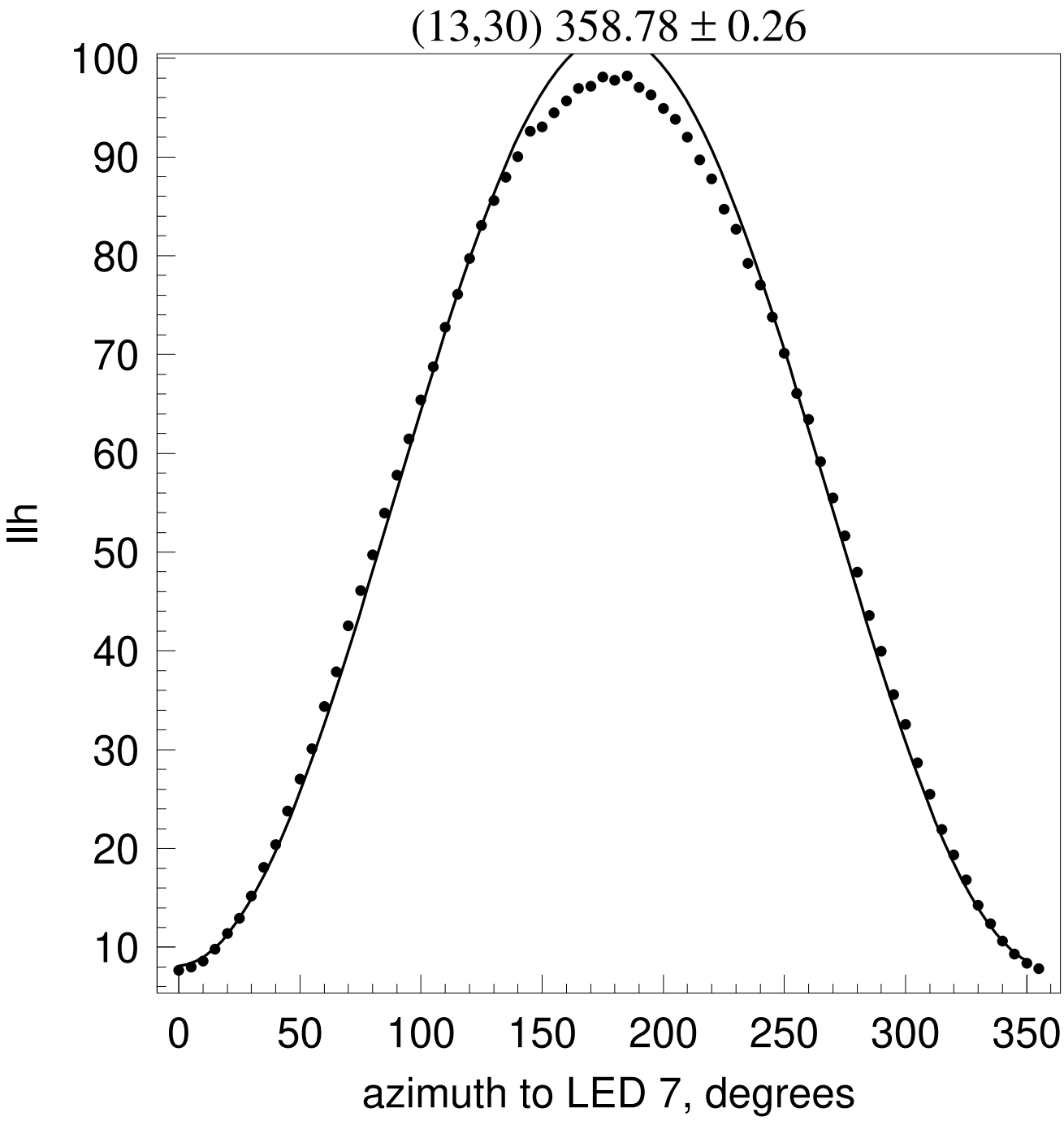

(13,25) 47.93 ± 0.12
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

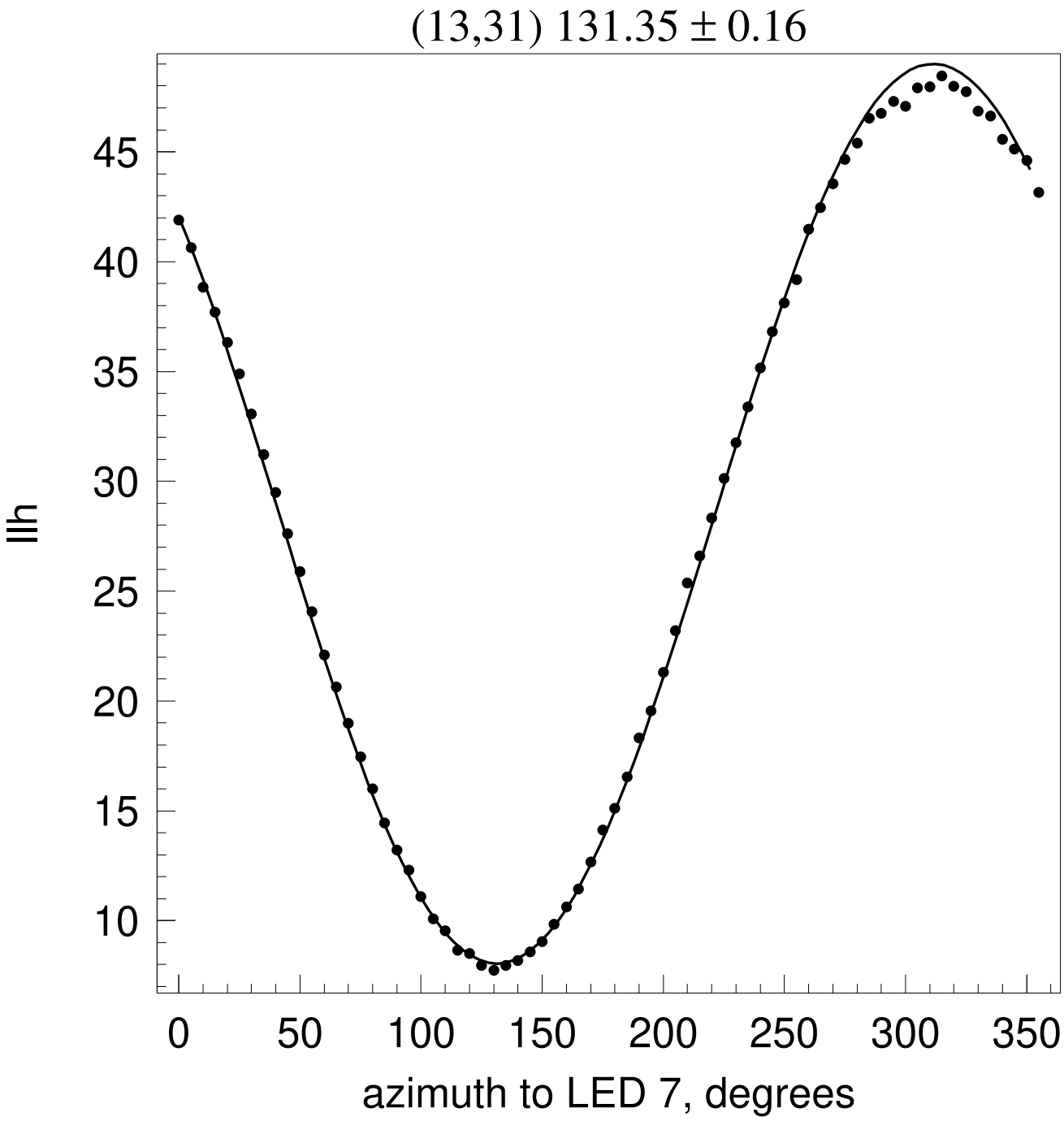

(13,26) 68.29 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

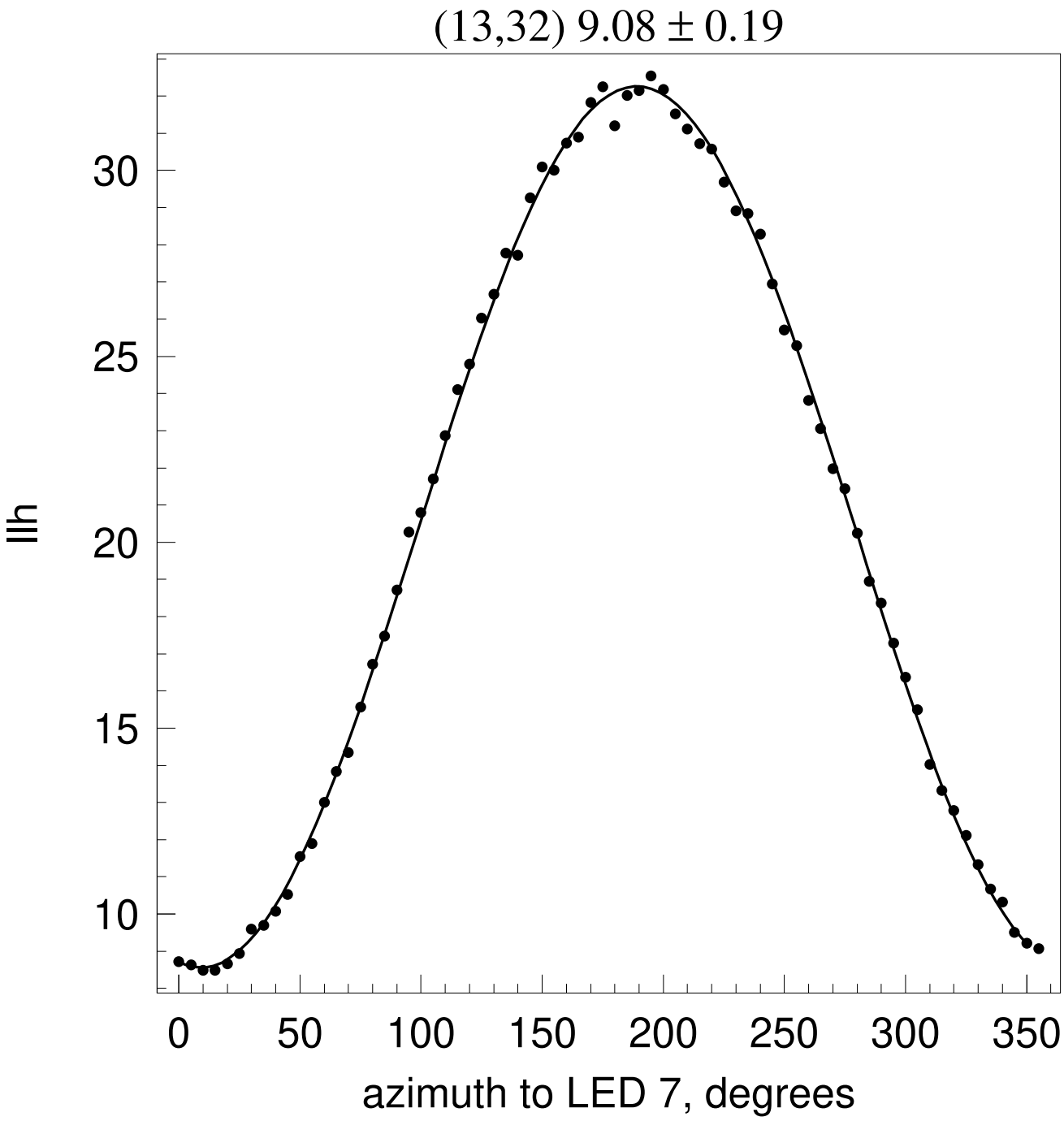

(13,27) 161.19 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

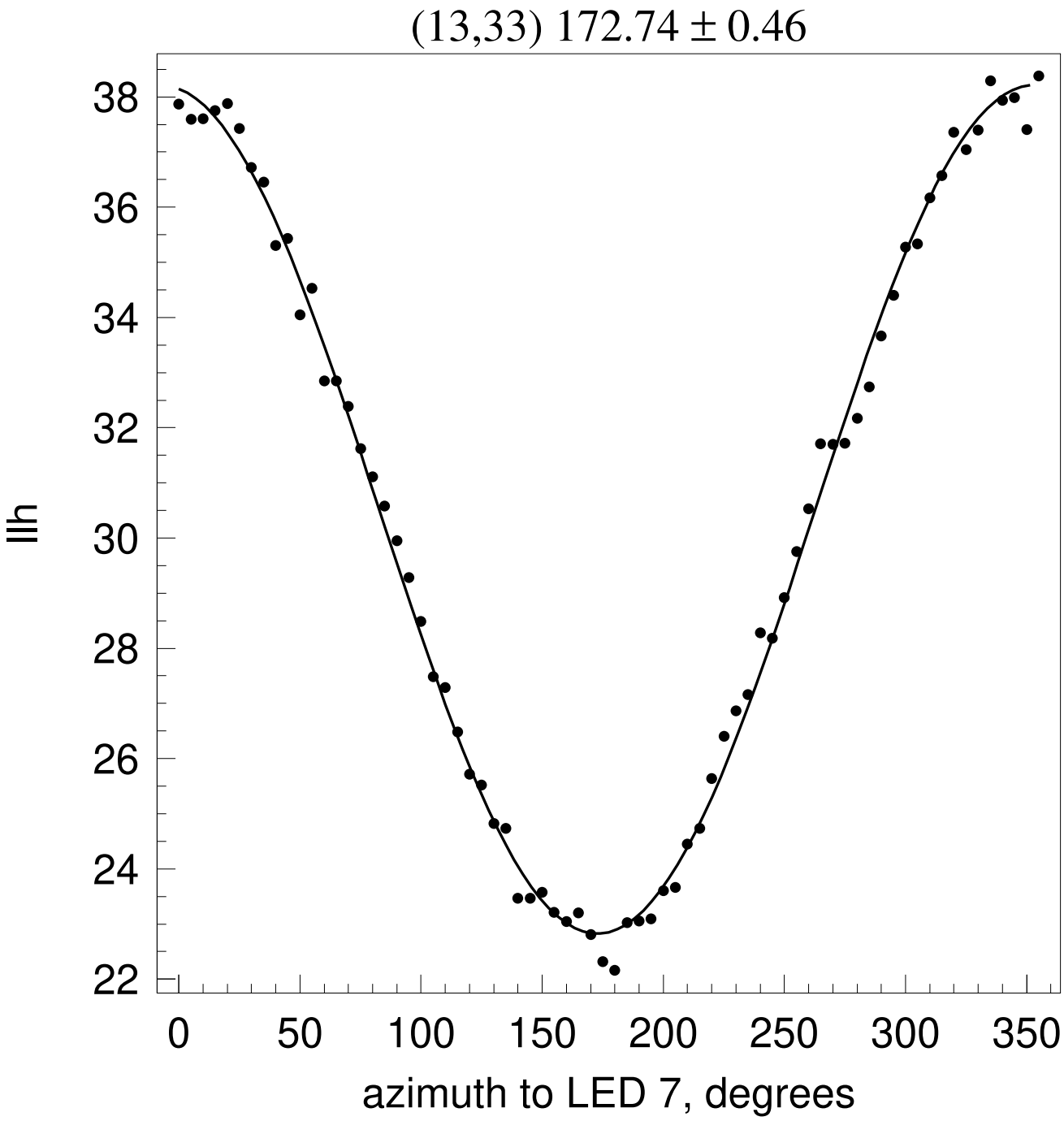

(13,28) 142.13 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

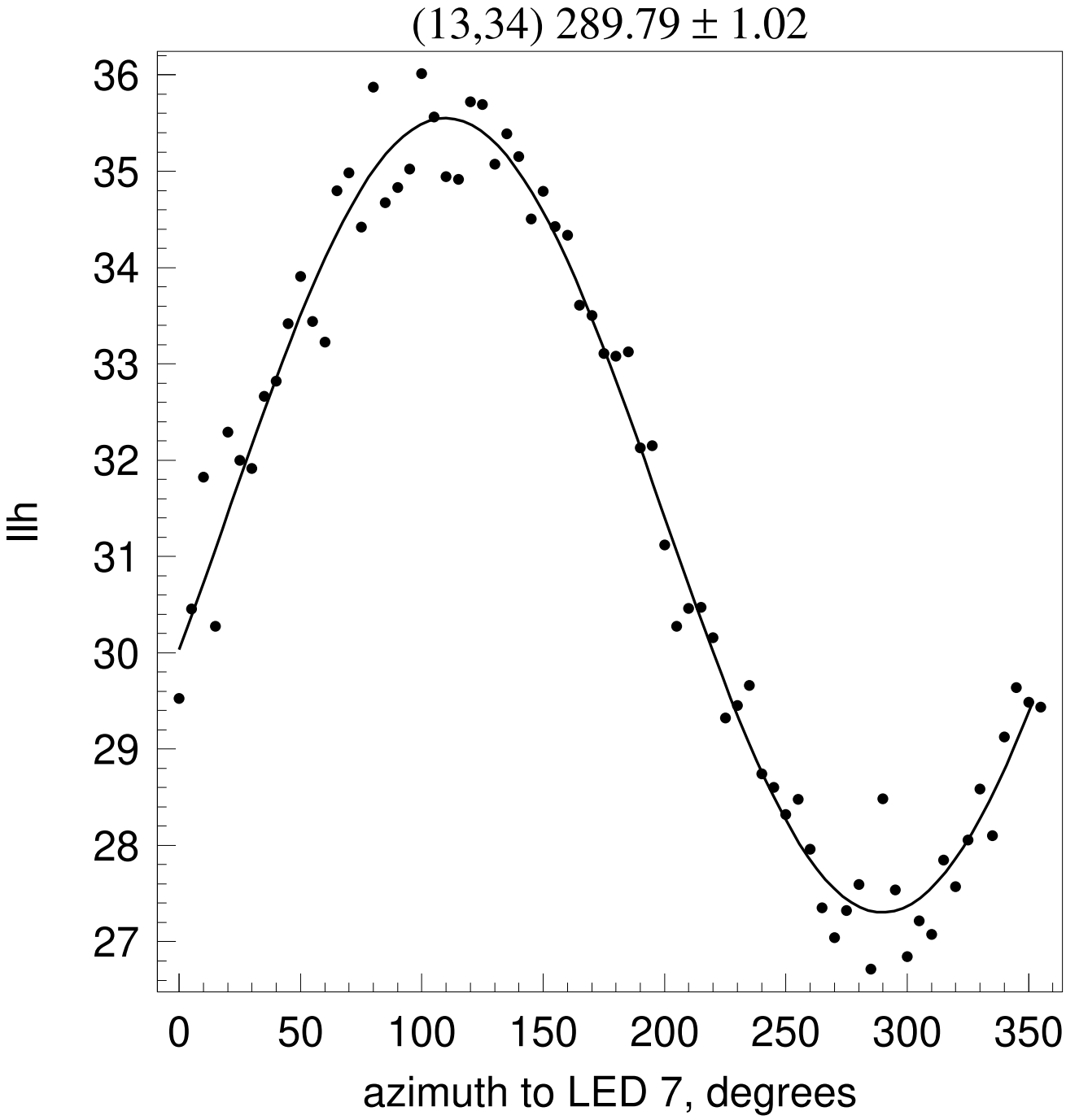

(13,29) 105.10 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

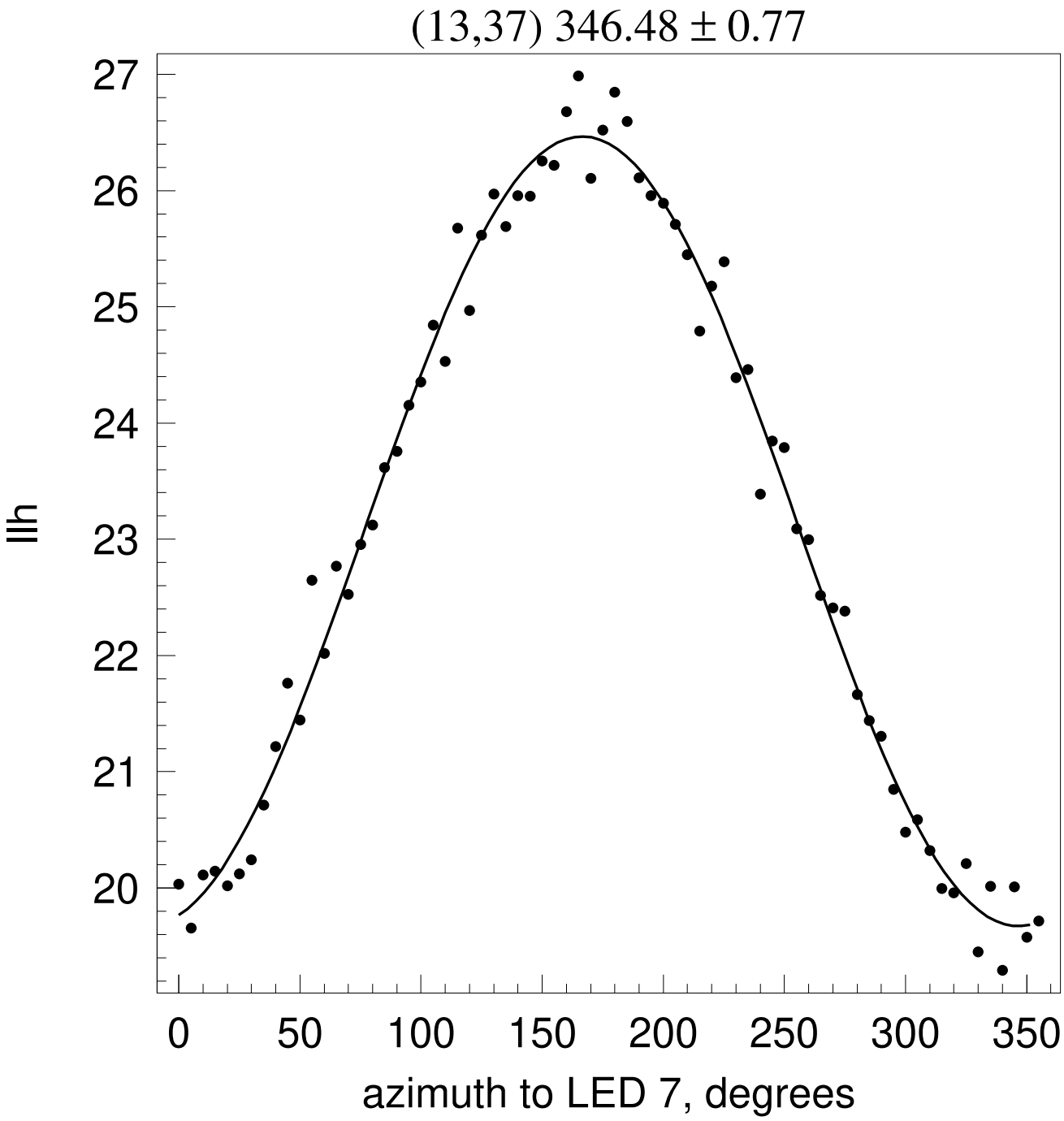

(13,30) 358.78 ± 0.26
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

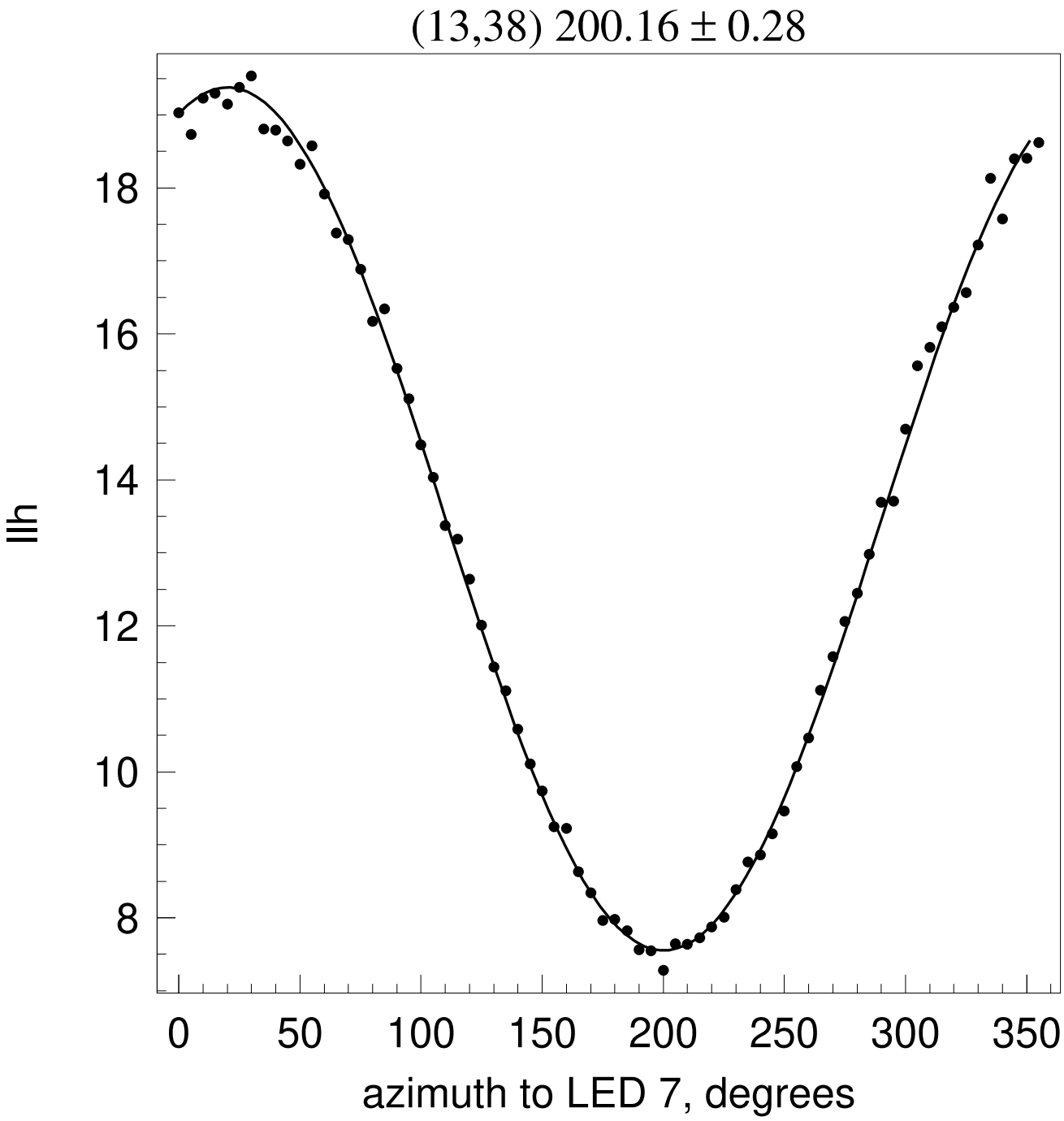

(13,31) 131.35 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

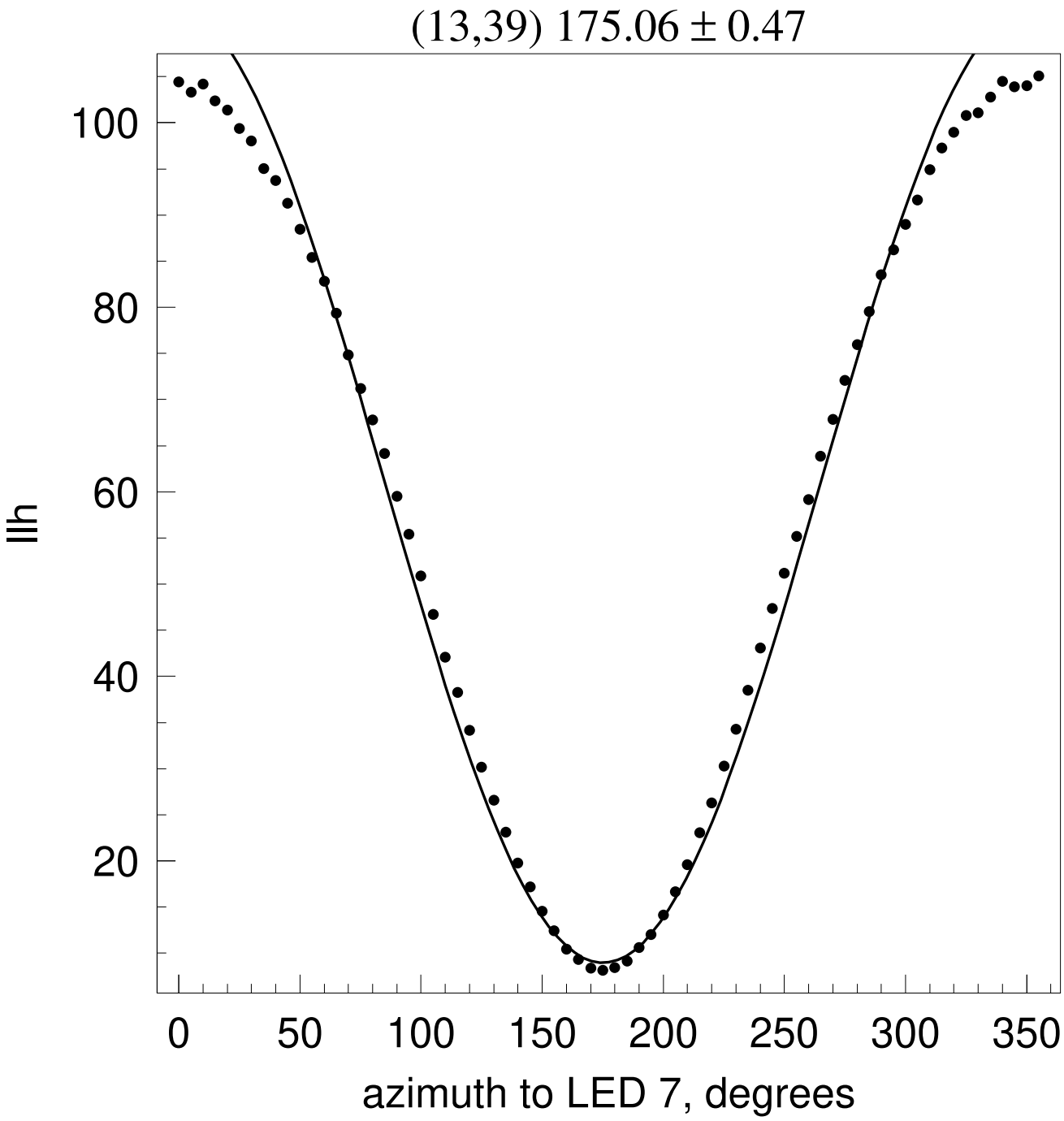

(13,32) 9.08 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

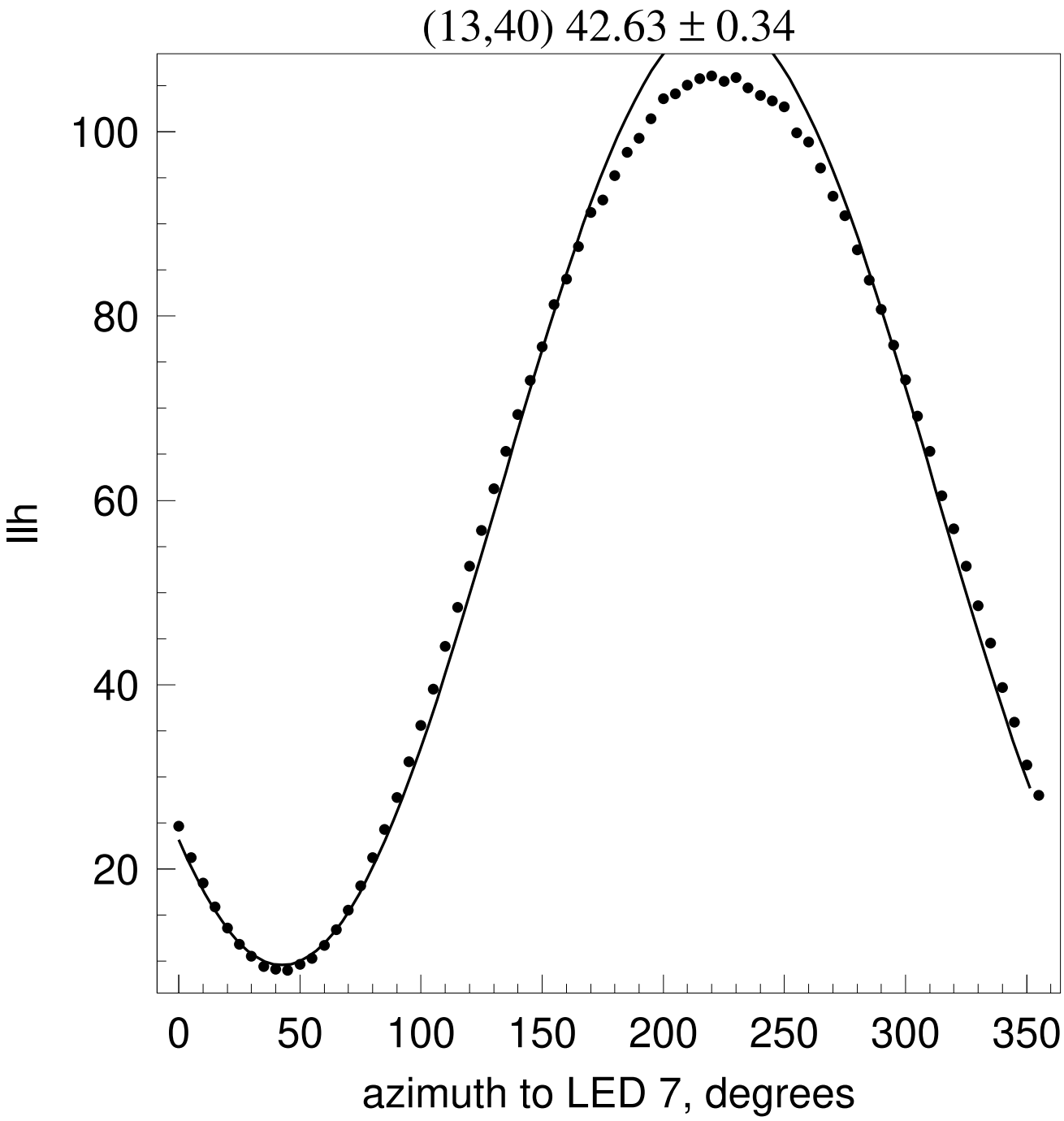

(13,33) 172.74 ± 0.46
38
36
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

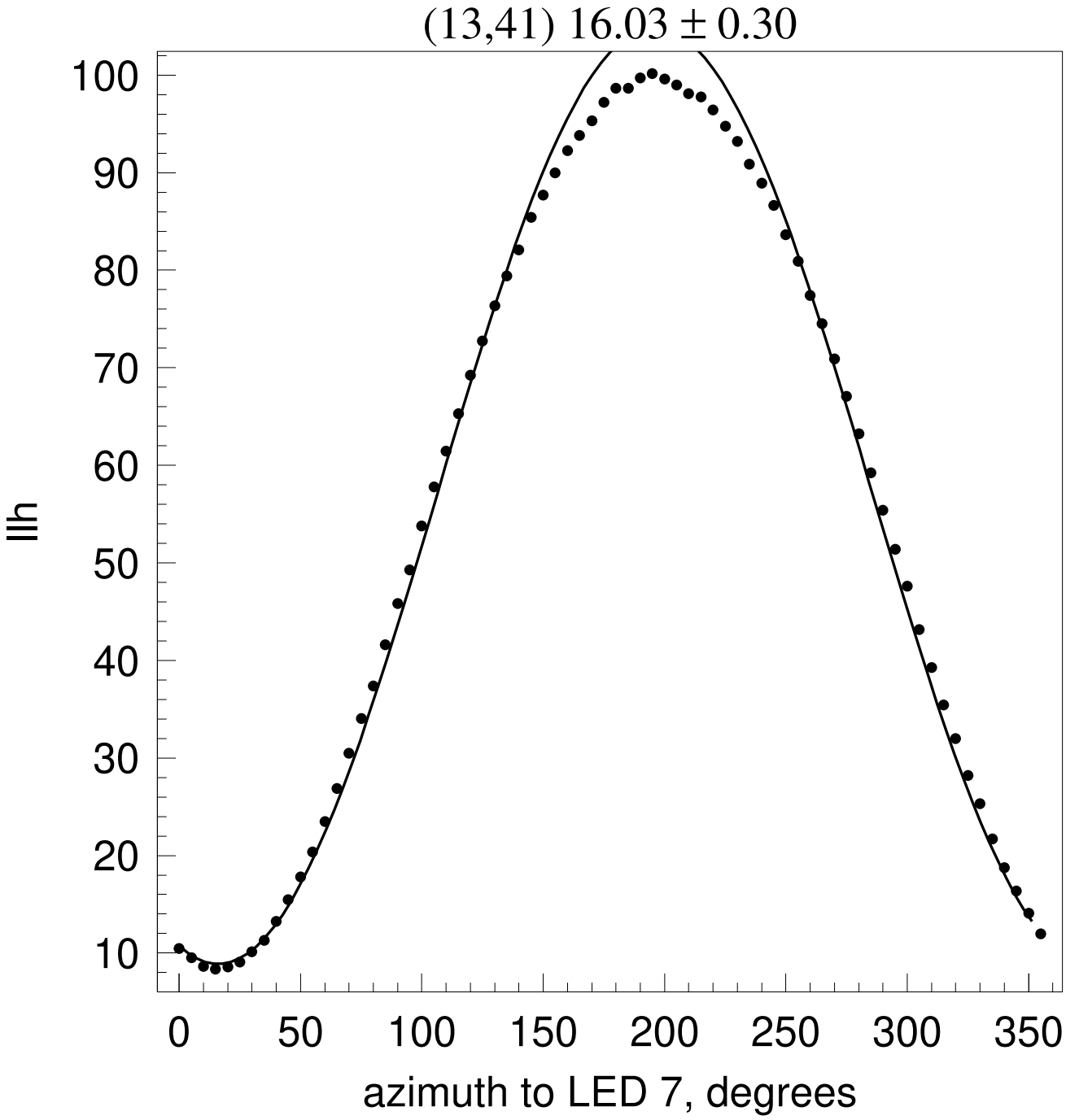

(13,34) 289.79 ± 1.02
36
35
34
33
32
31
30
29
28
27
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

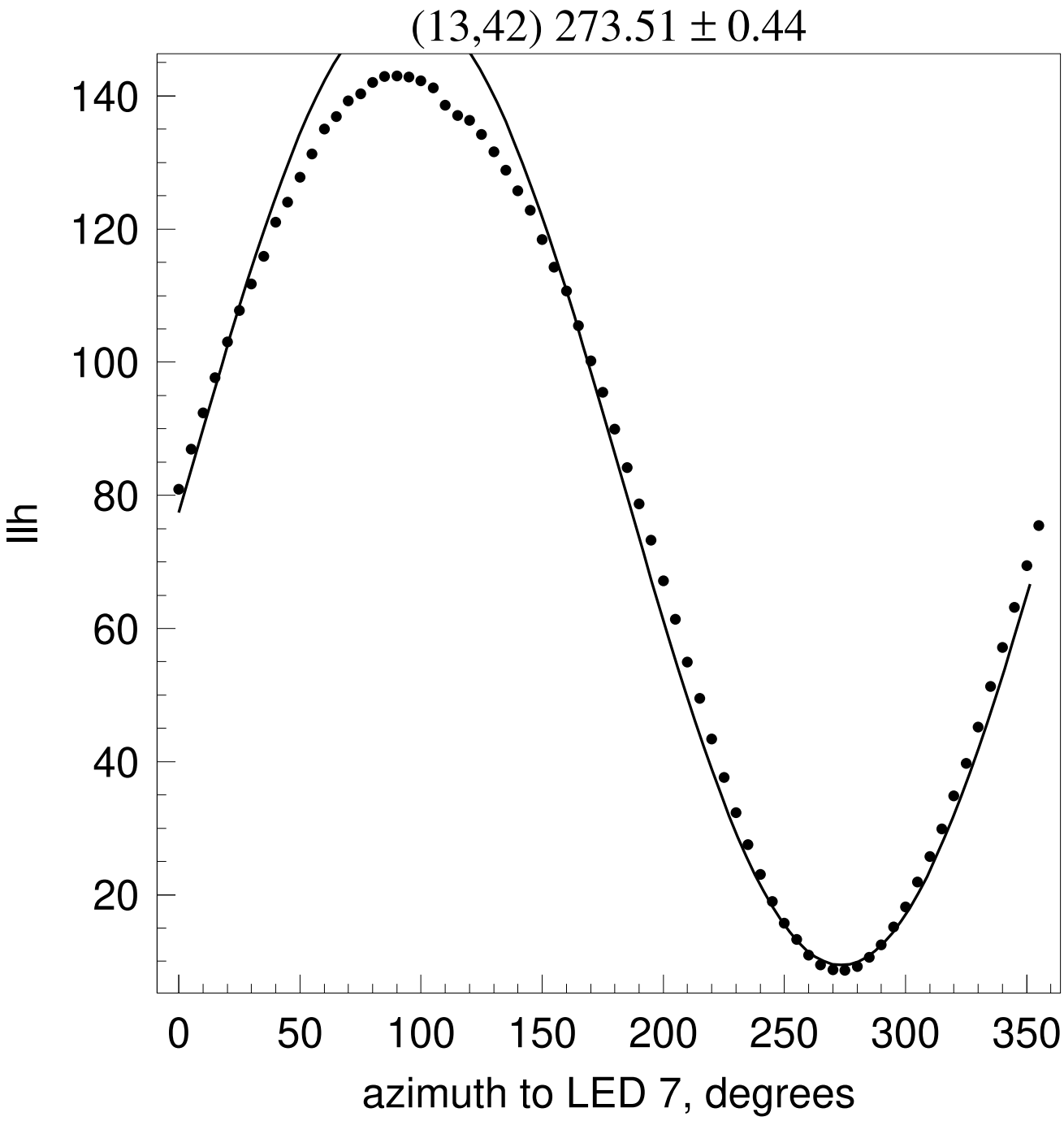

(13,37) 346.48 ± 0.77
27
26
25
24
23
22
21
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

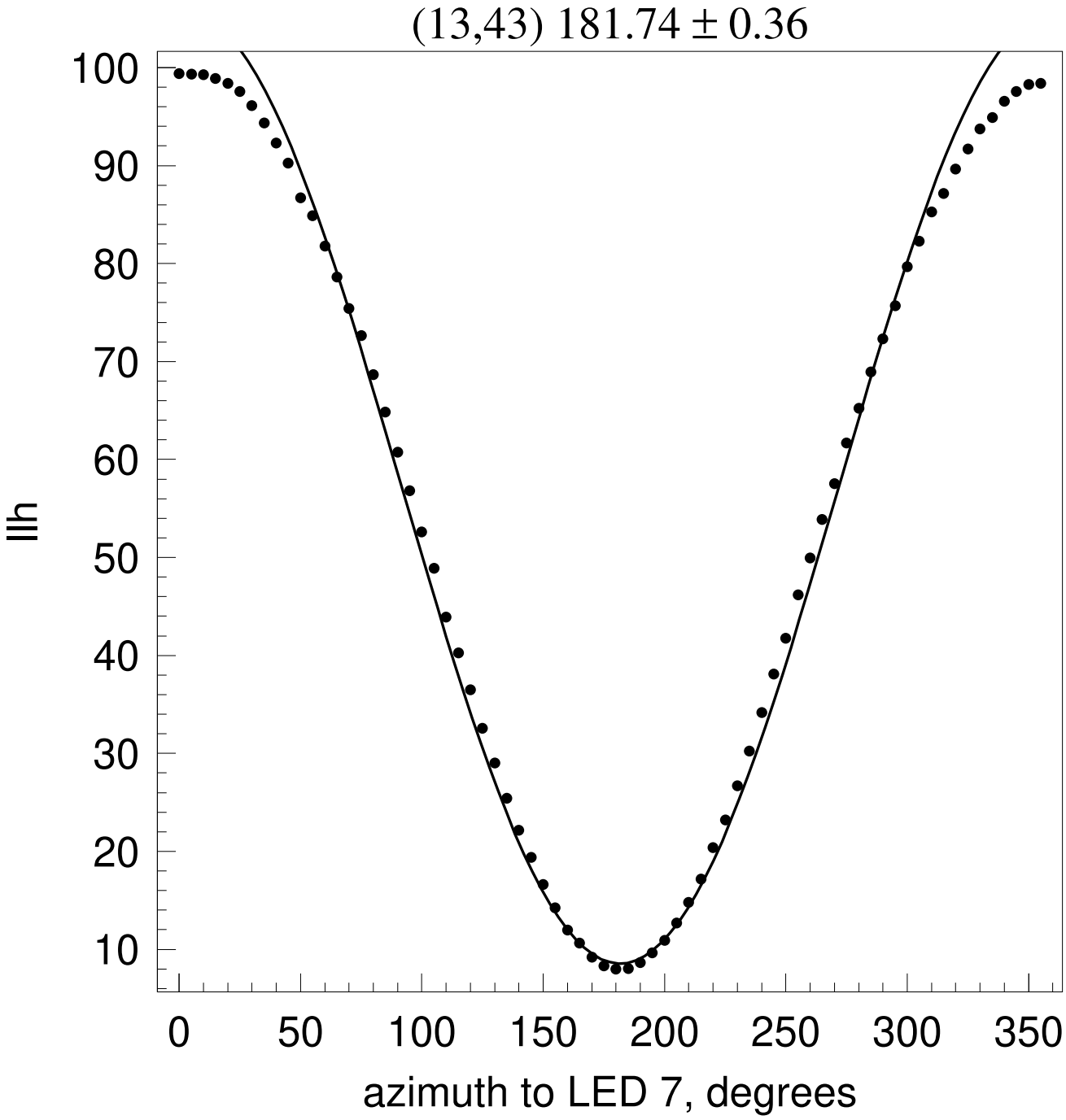

(13,38) 200.16 ± 0.28
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

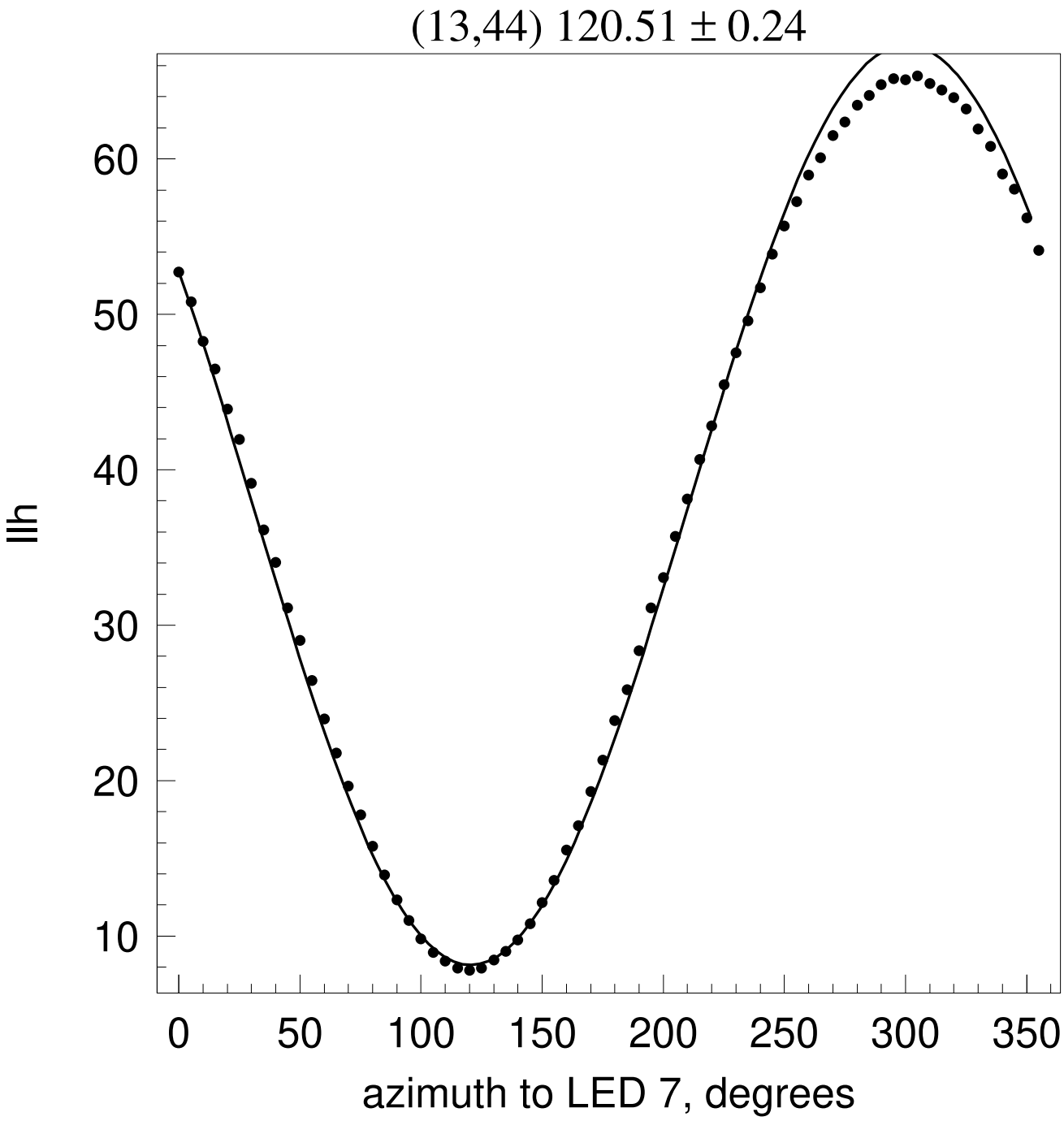

(13,39) 175.06 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

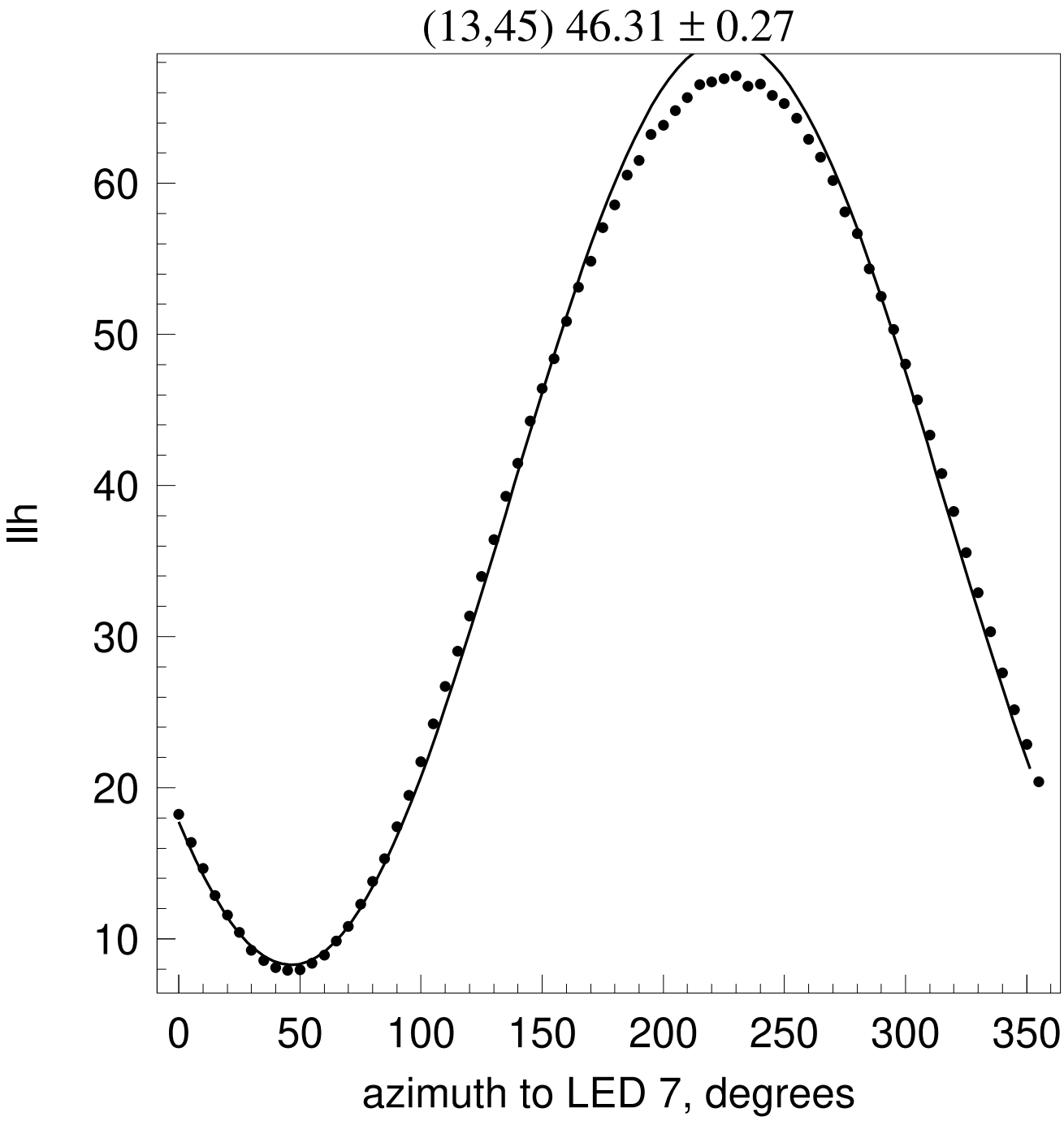

(13,40) 42.63 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

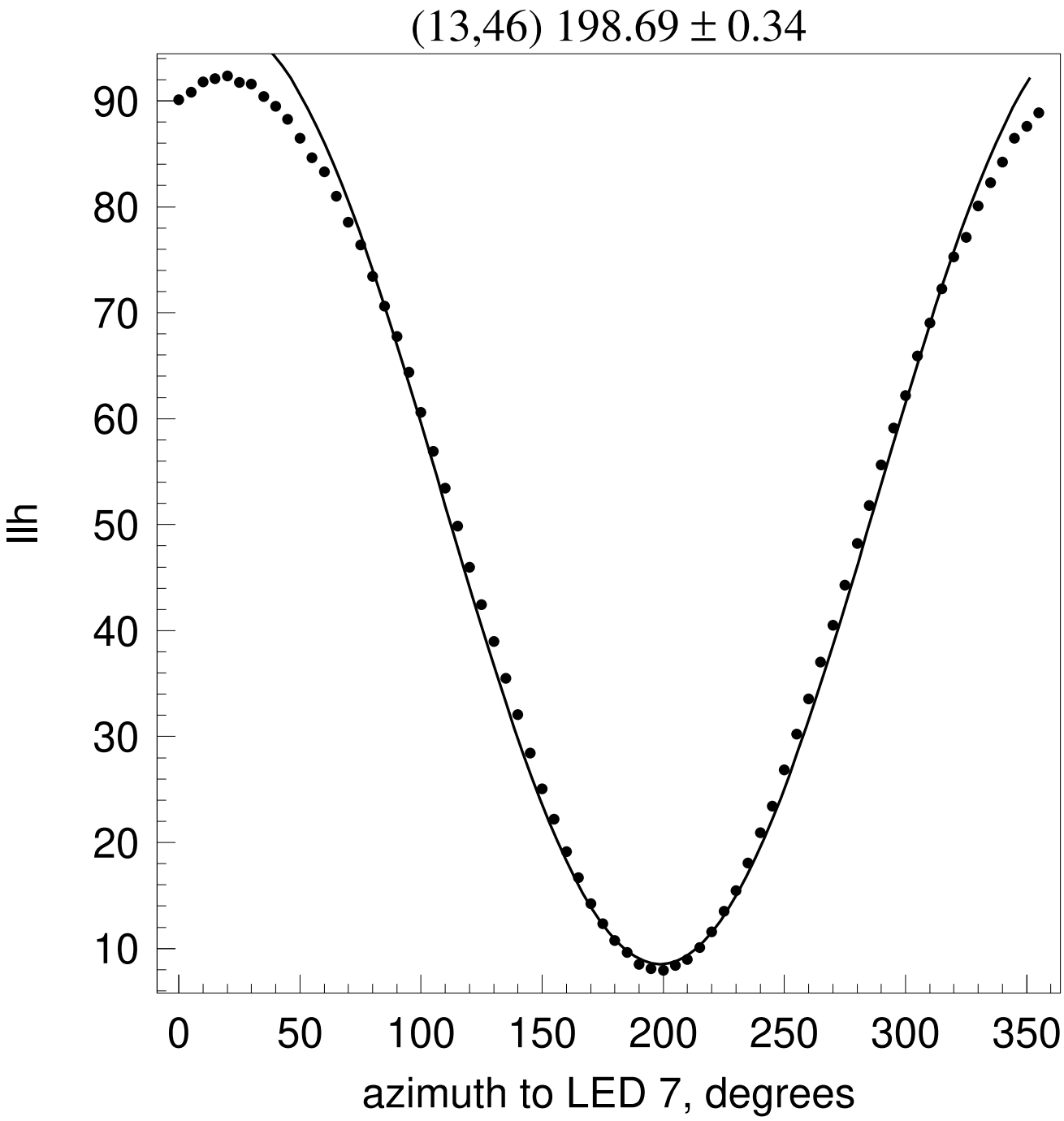

(13,41) 16.03 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

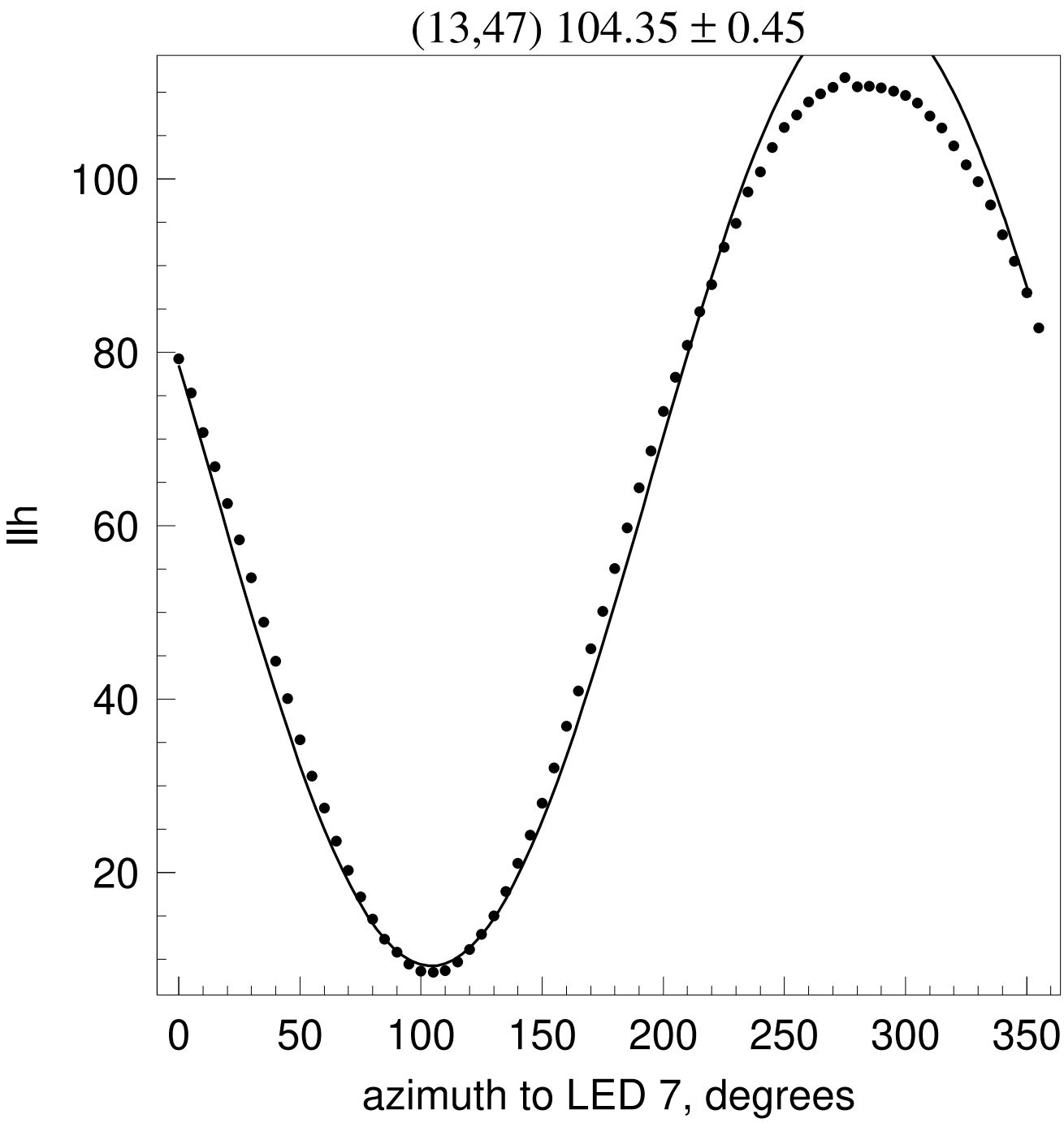

(13,42) 273.51 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

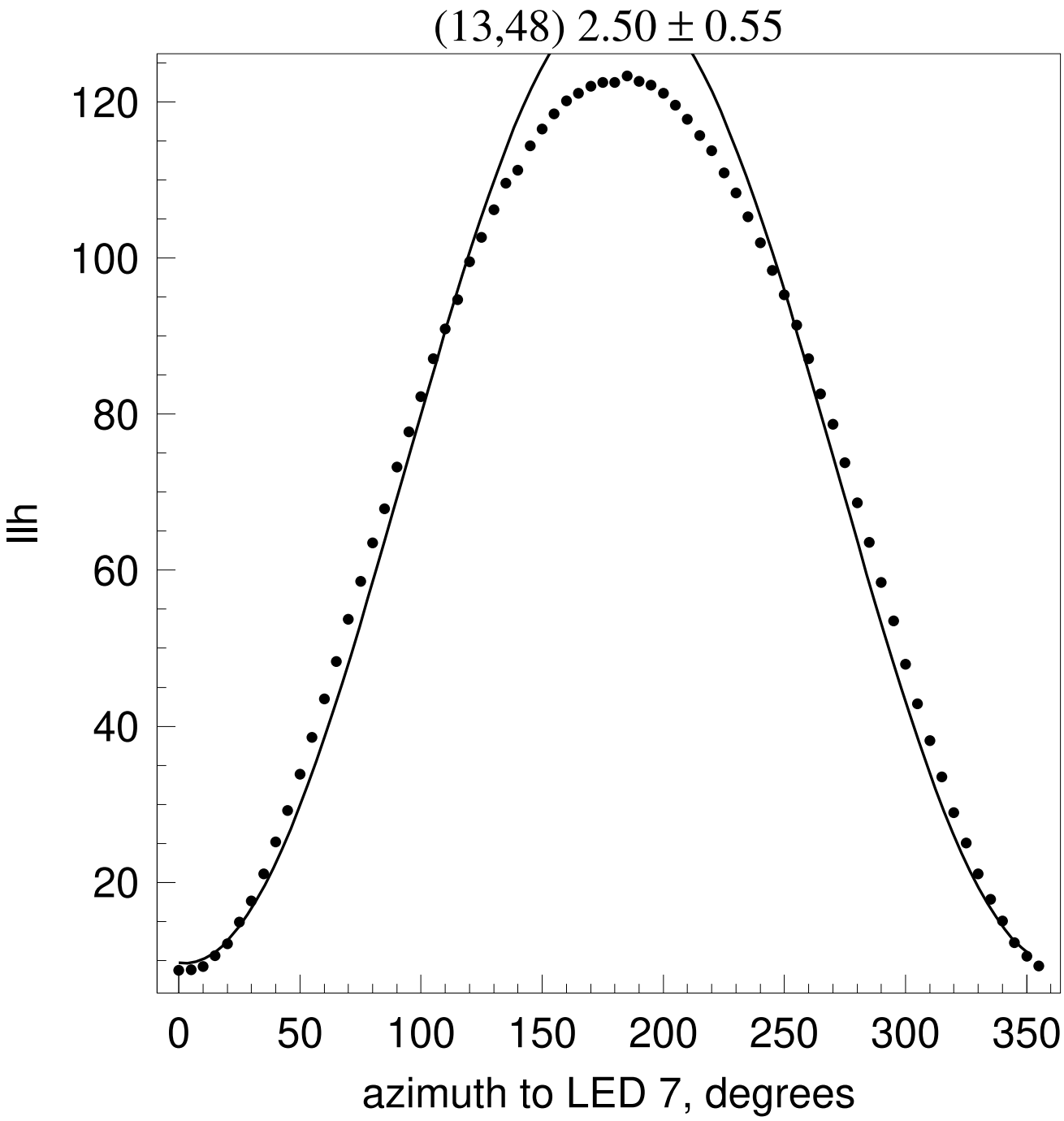

(13,43) 181.74 ± 0.36
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

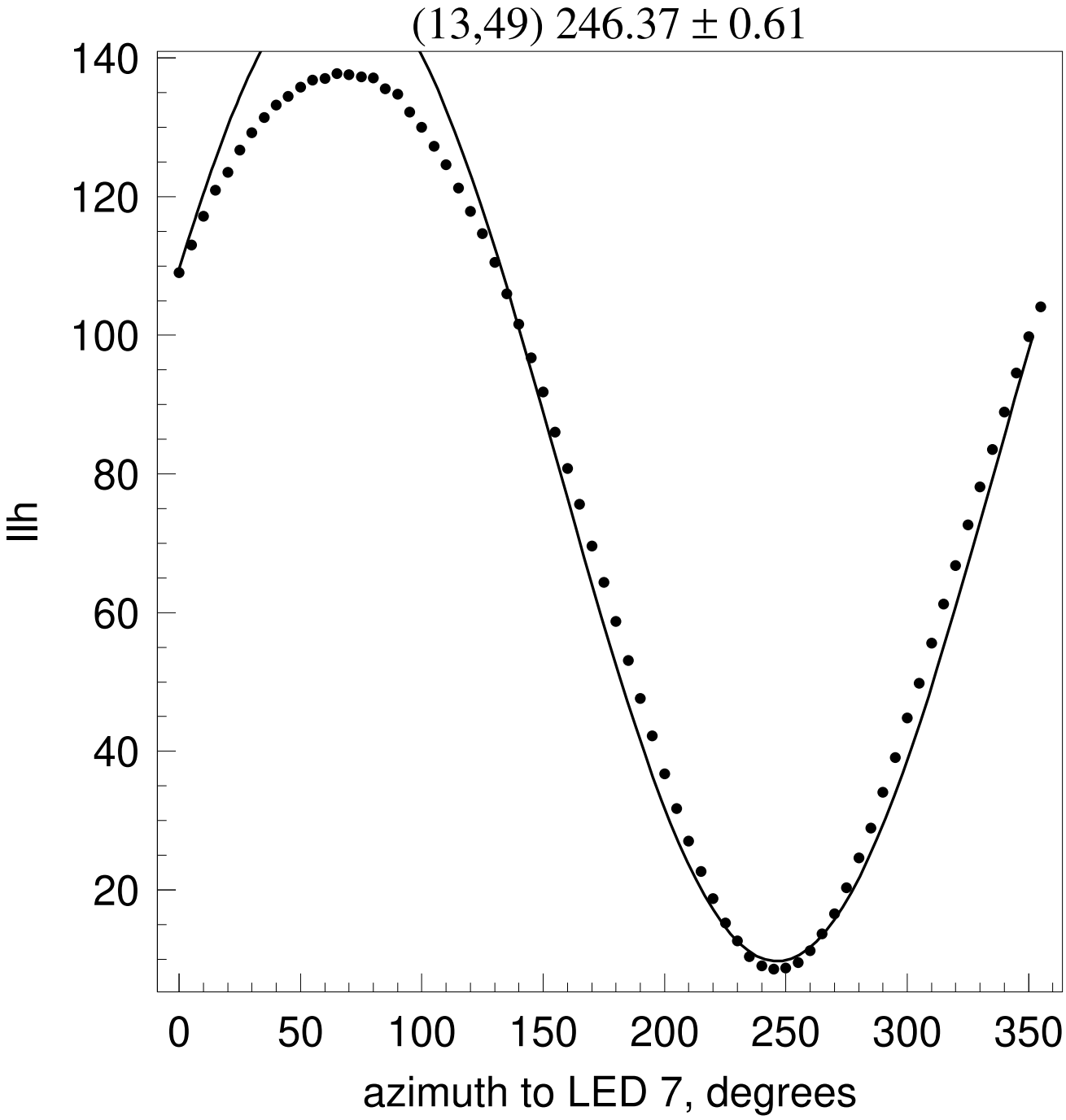

(13,44) 120.51 ± 0.24
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

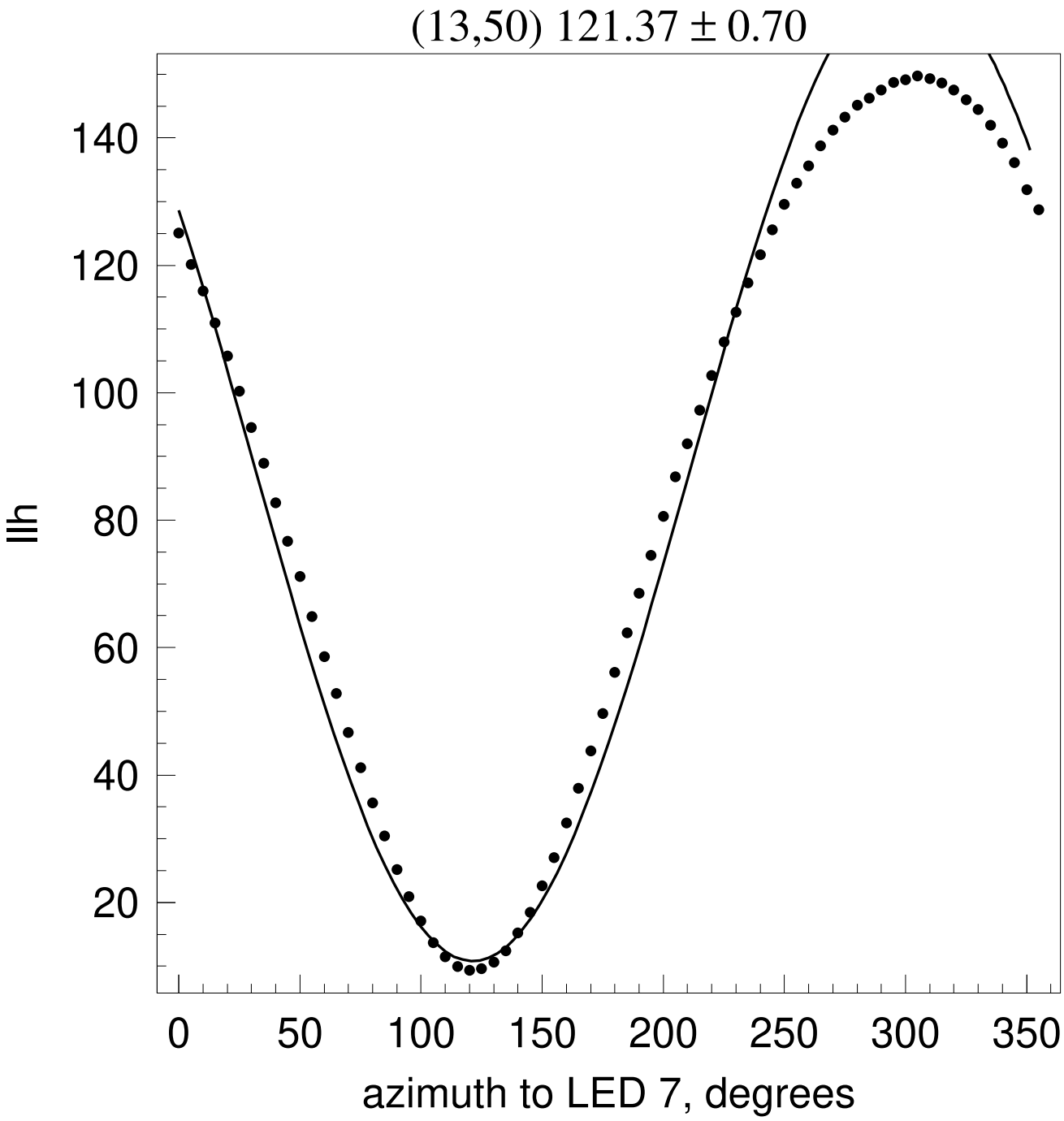

(13,45) 46.31 ± 0.27
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

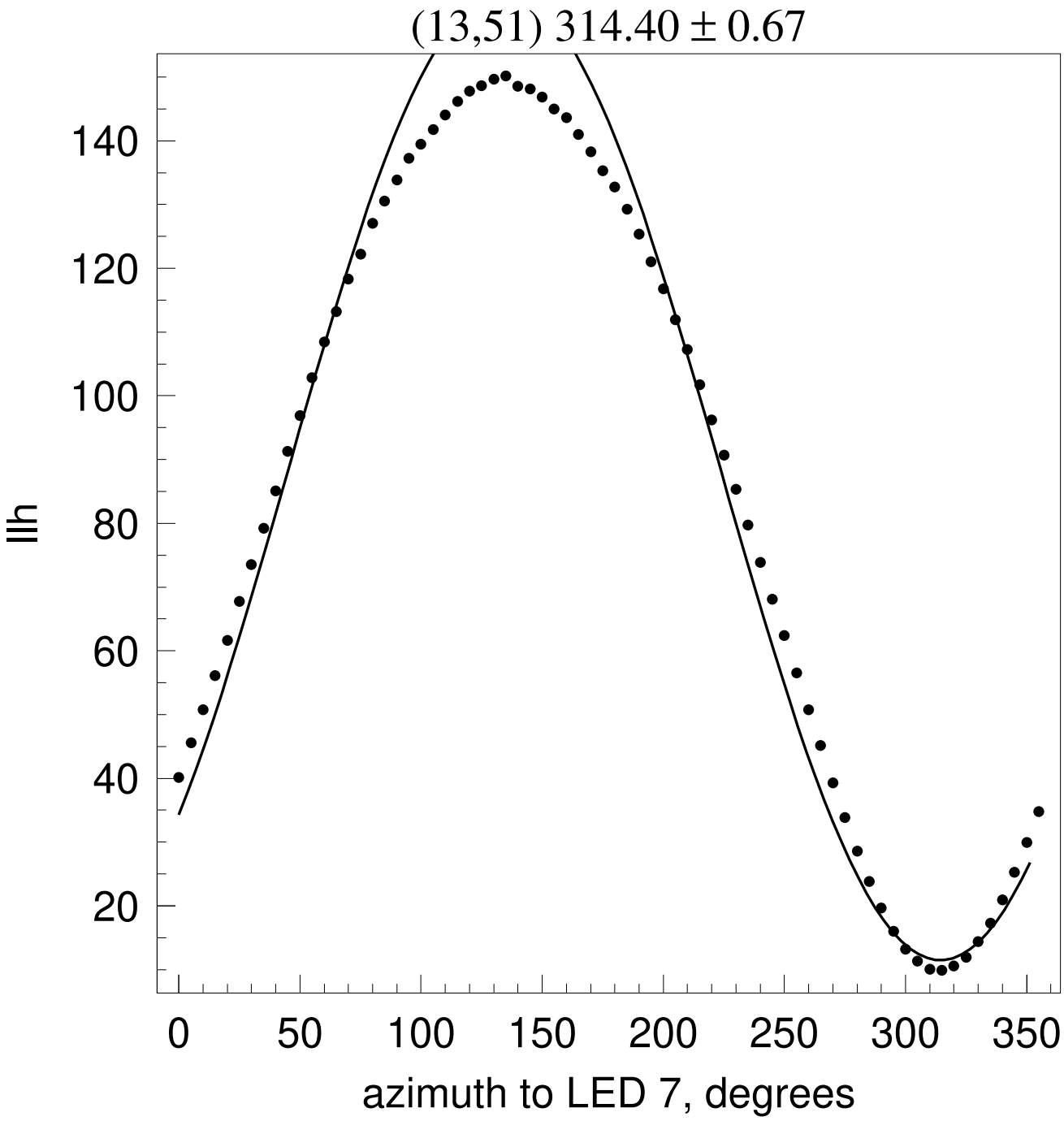

(13,46) 198.69 ± 0.34
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

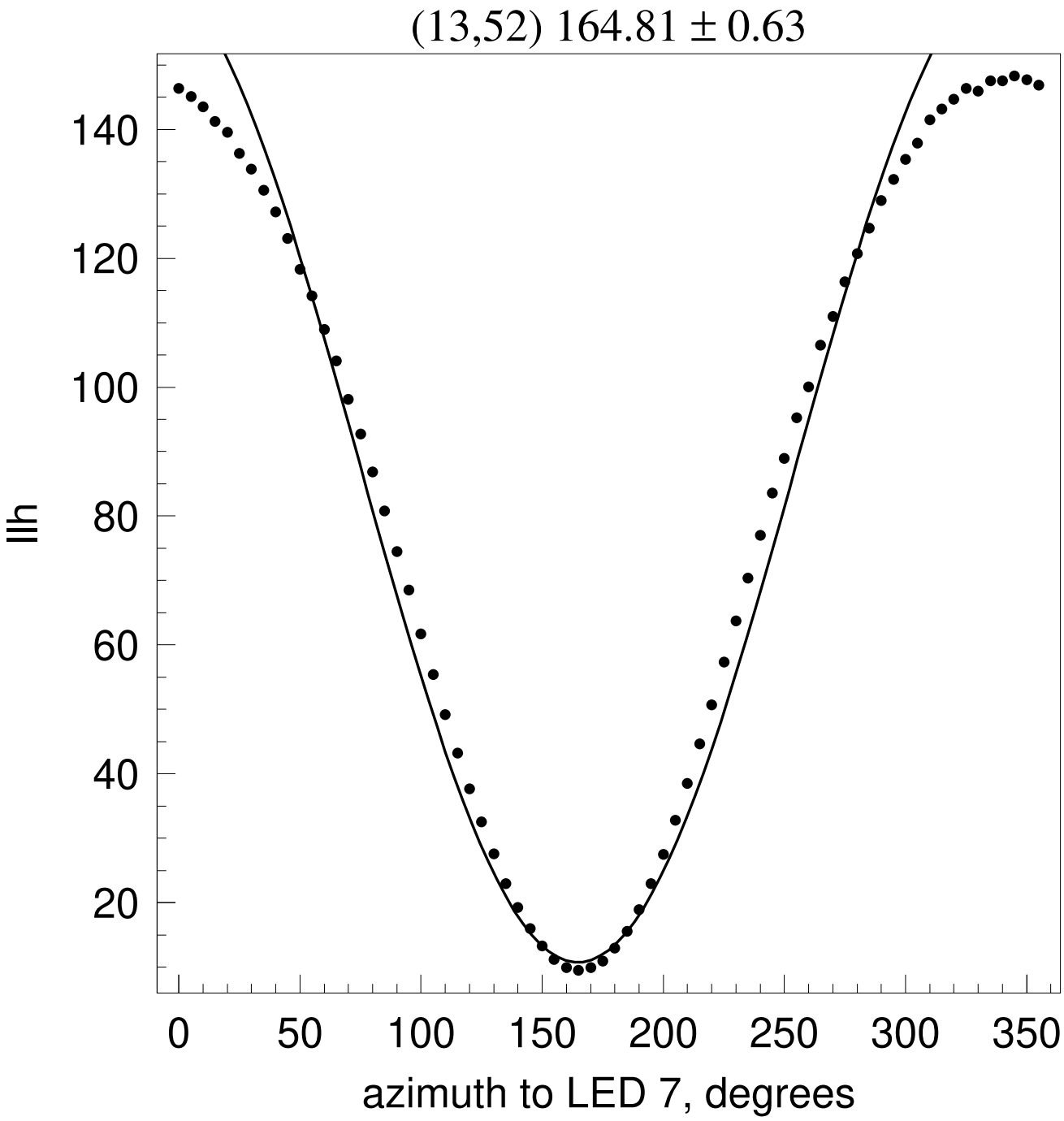

(13,47) 104.35 ± 0.45
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

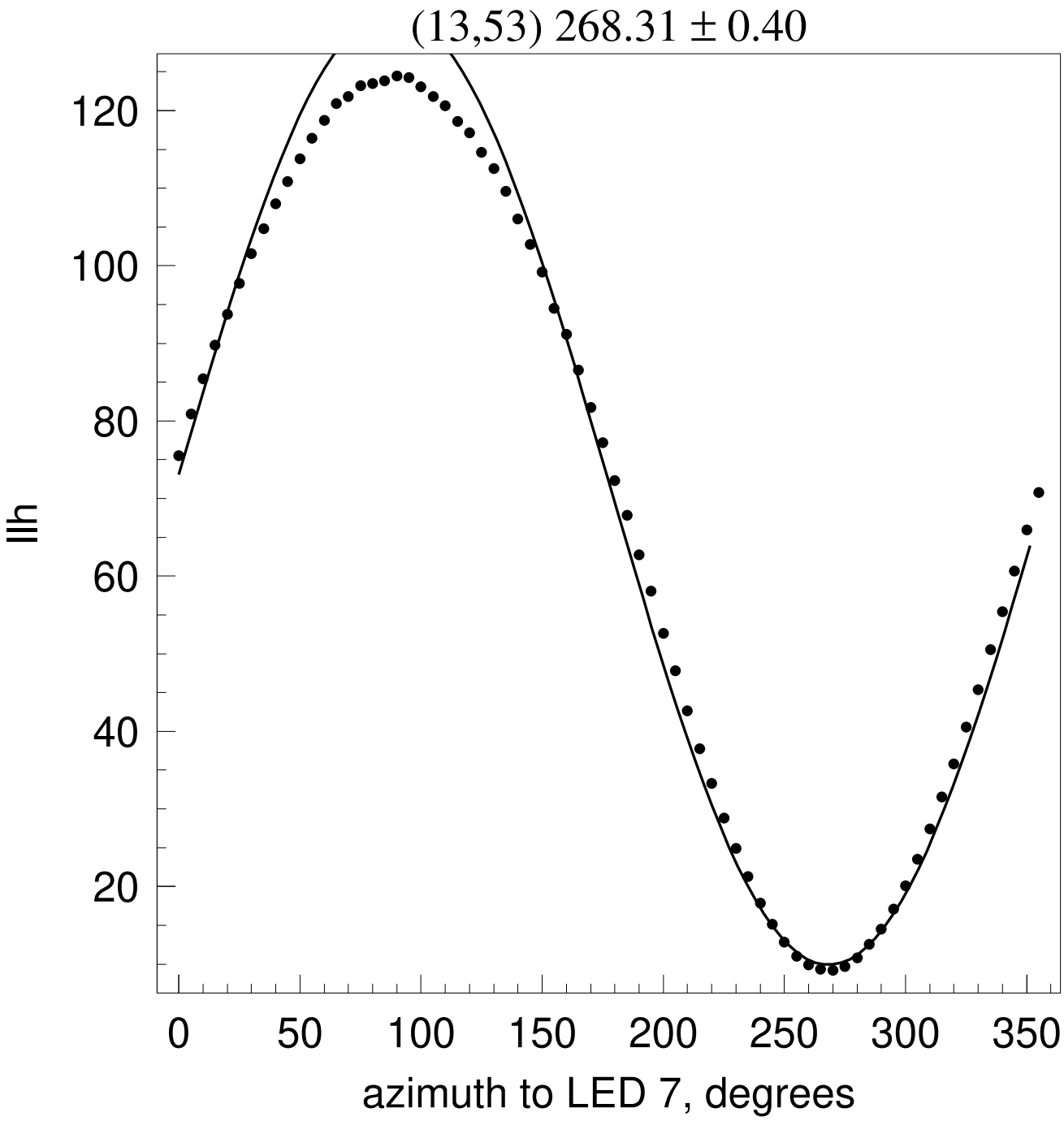

(13,48) 2.50 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

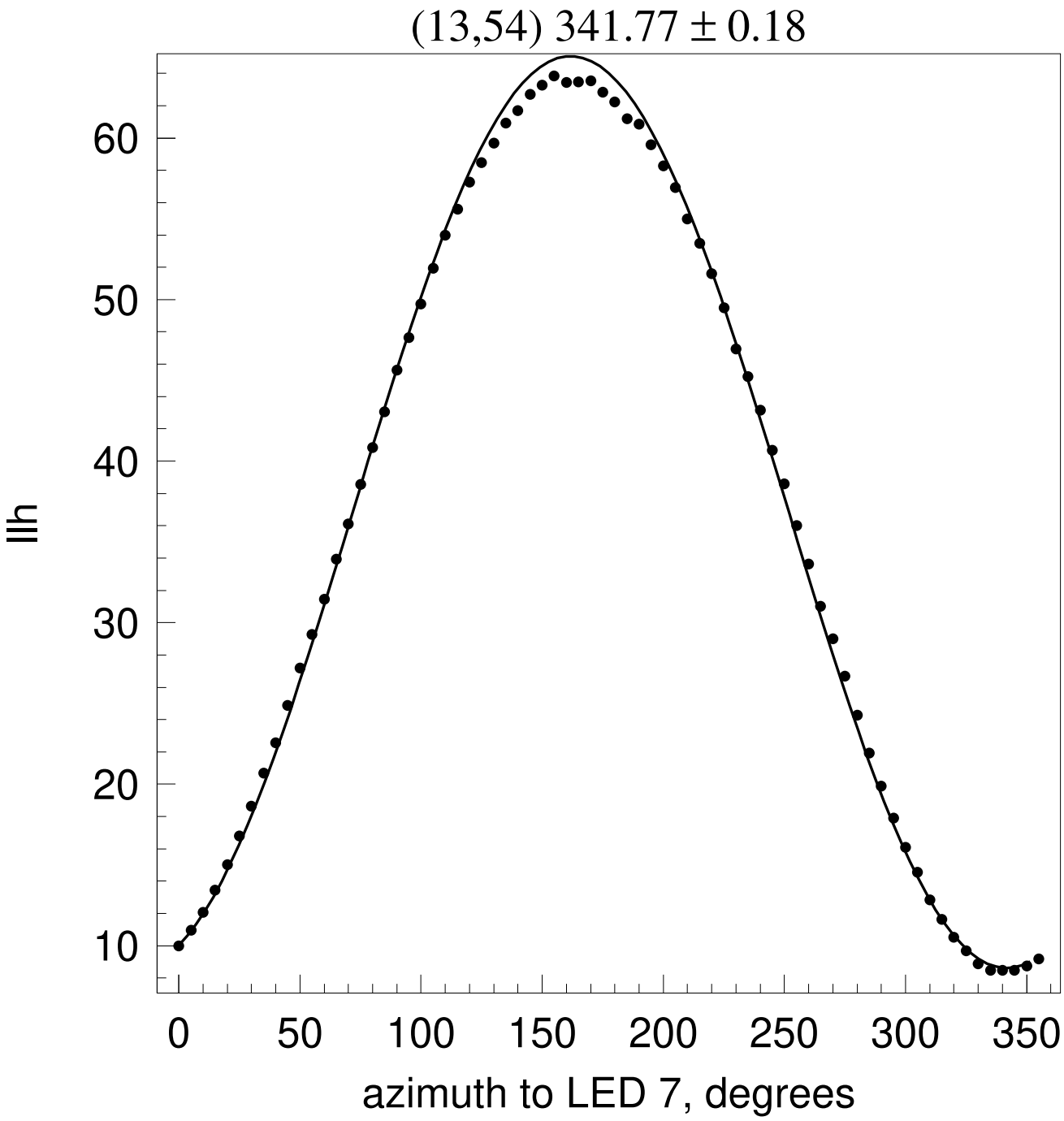

(13,49) 246.37 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

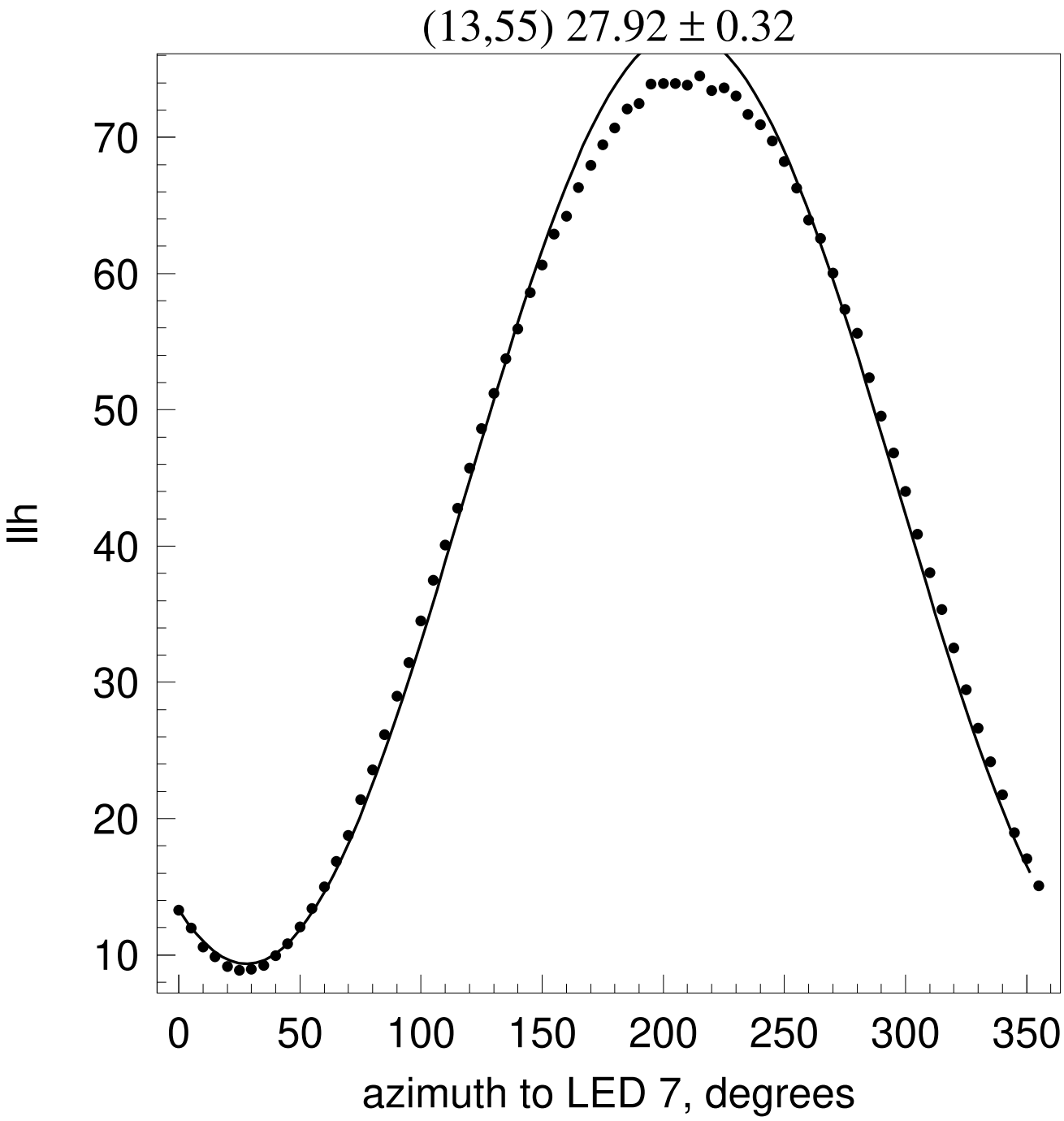

(13,50) 121.37 ± 0.70
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

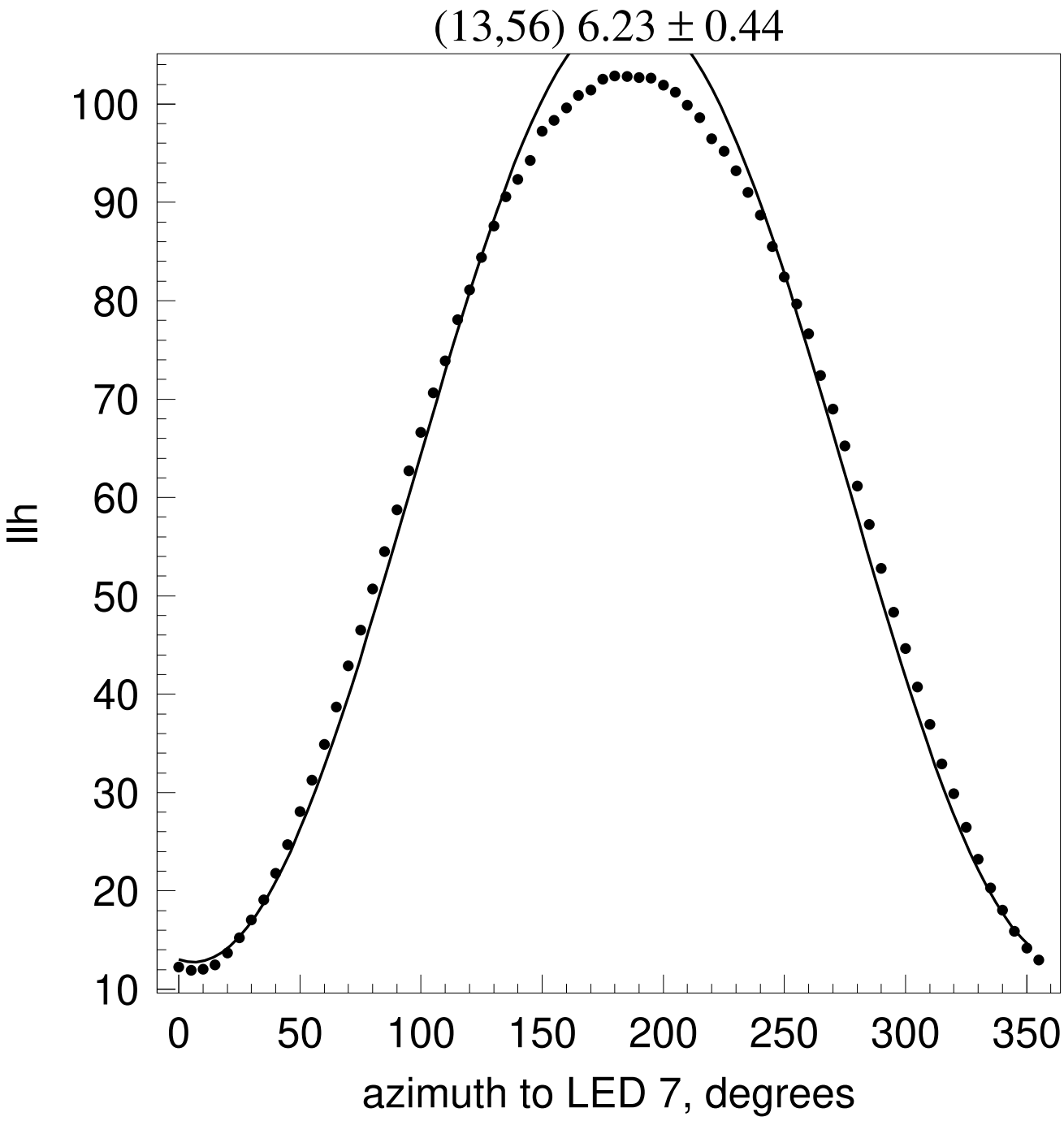

(13,51) 314.40 ± 0.67
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

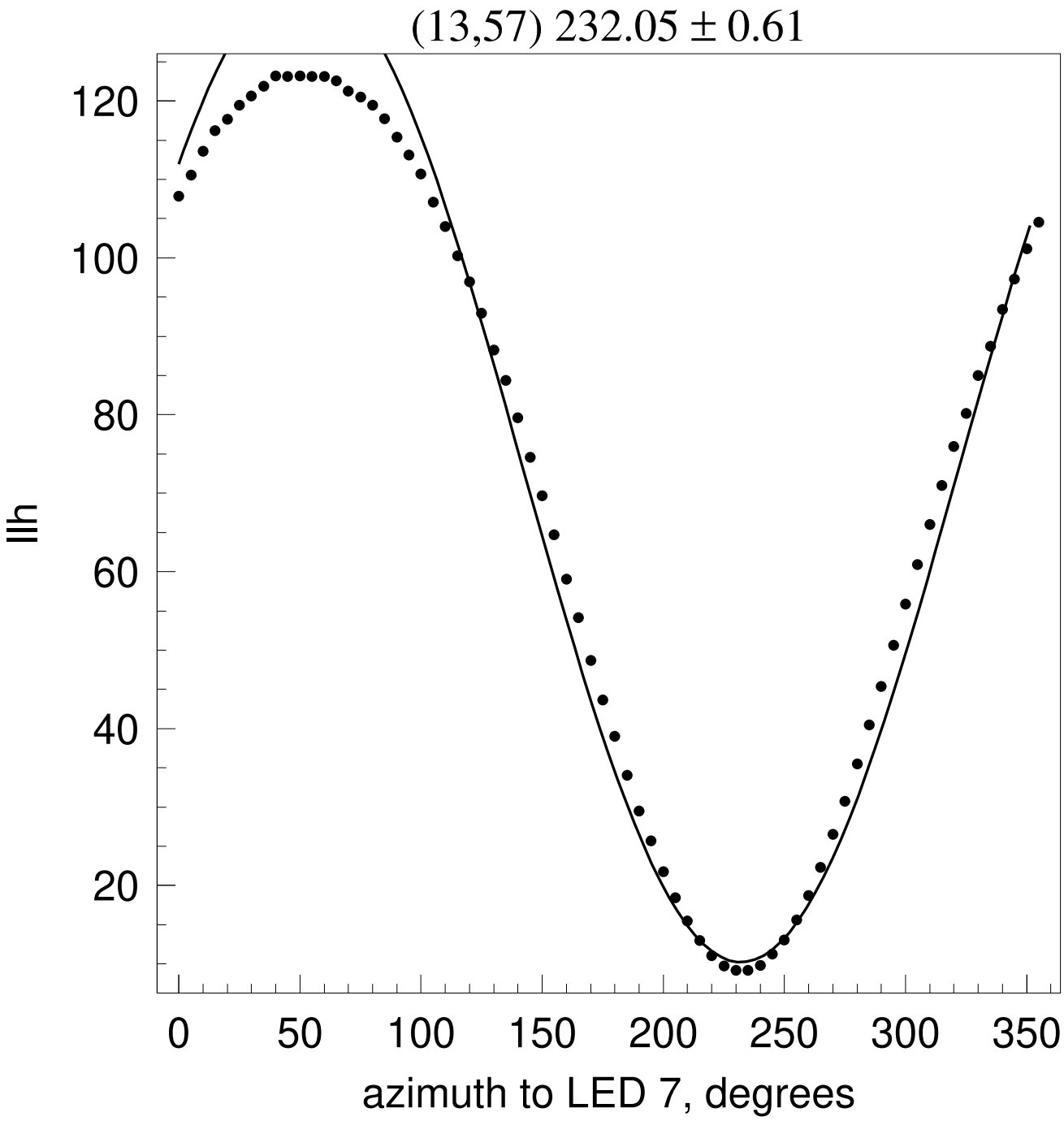

(13,52) 164.81 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

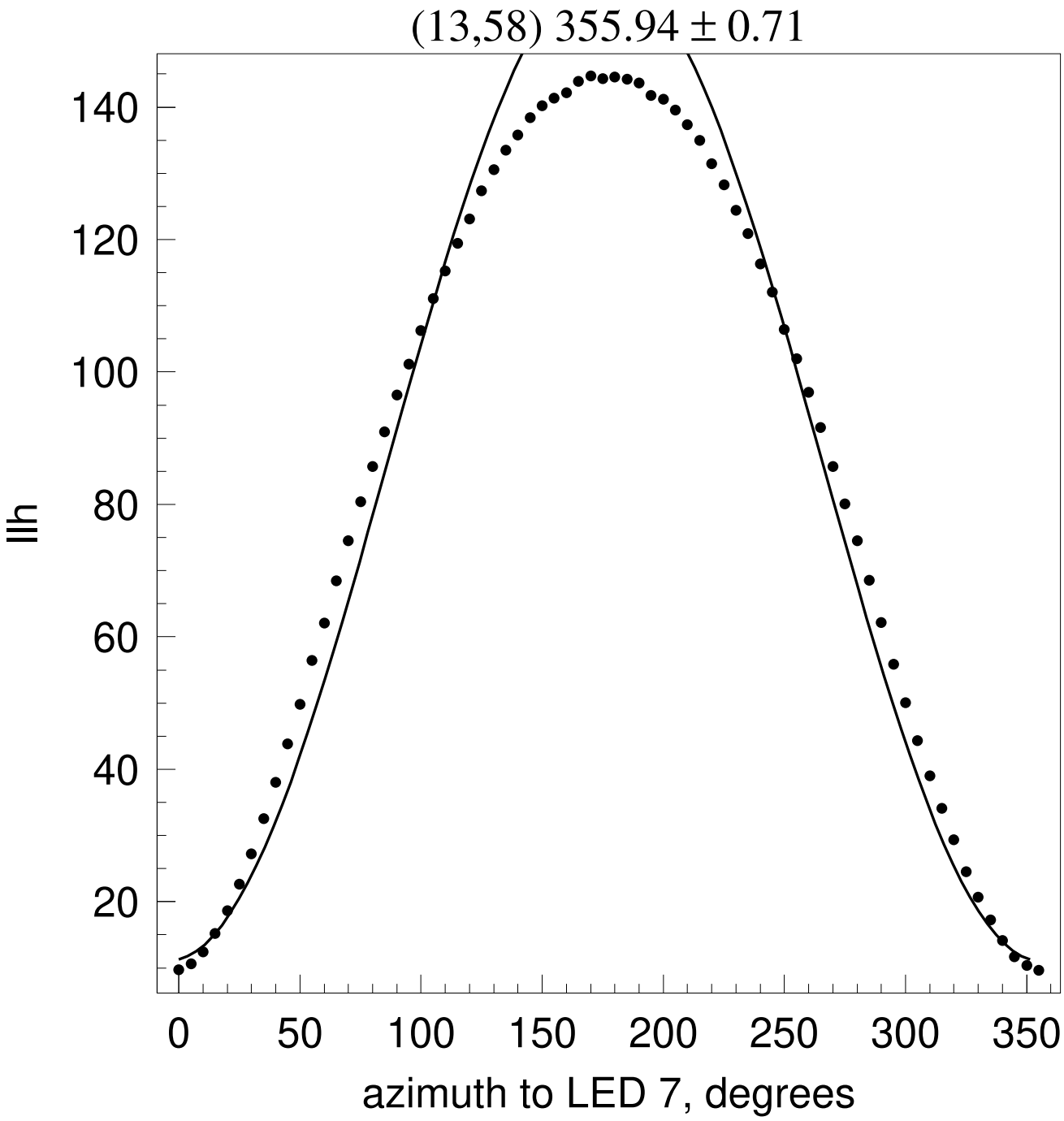

(13,53) 268.31 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

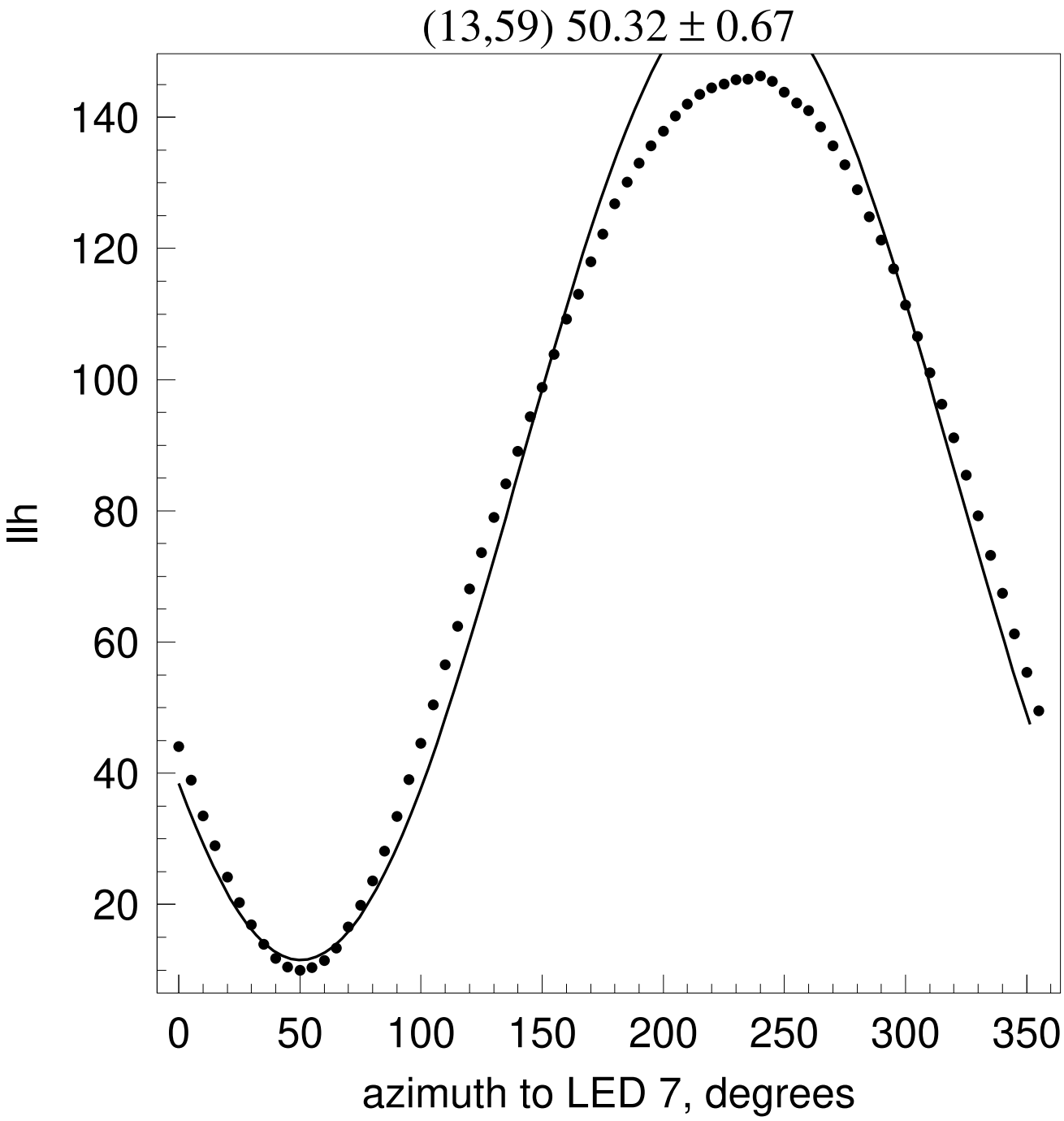

(13,54) 341.77 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

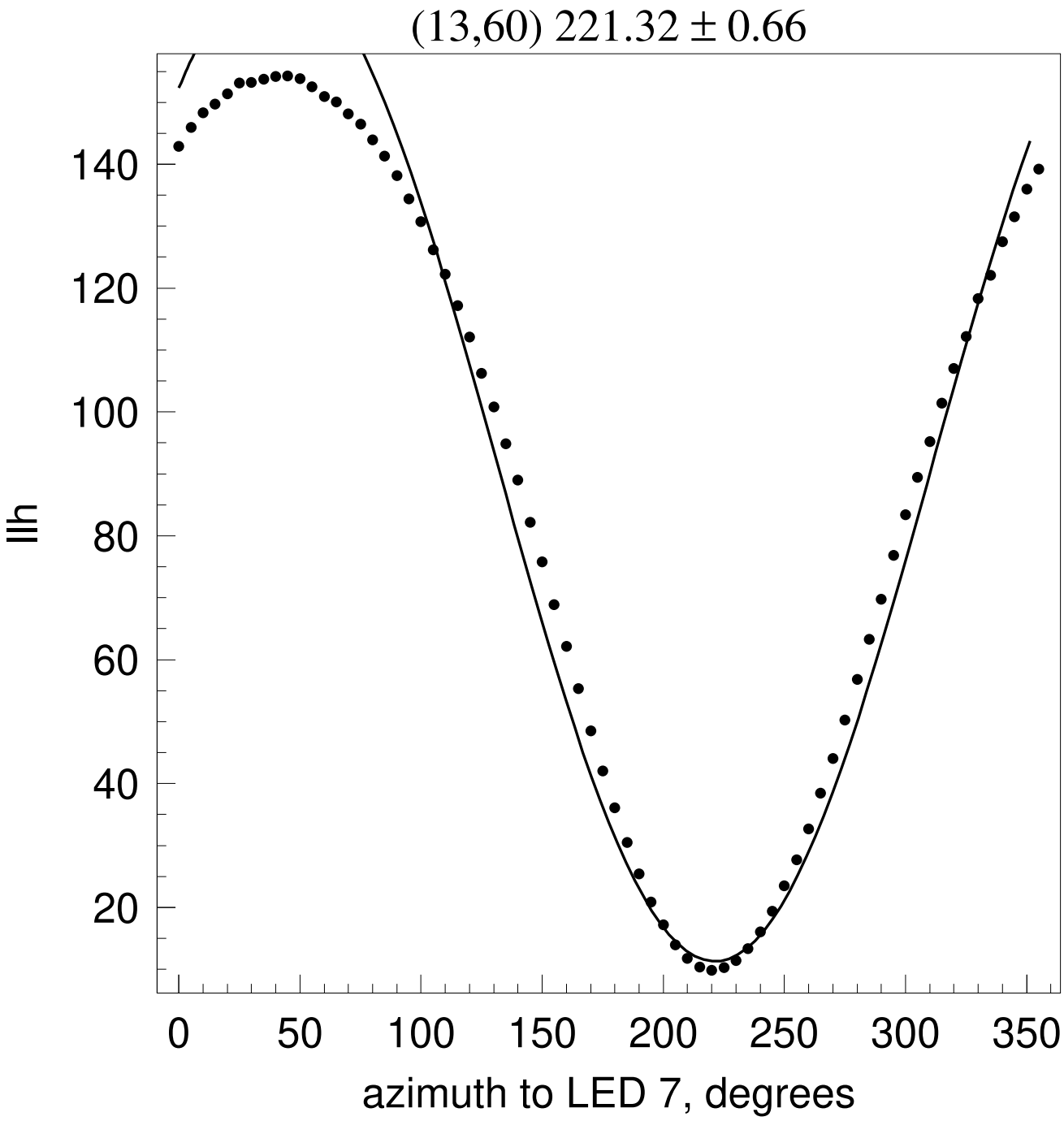

(13,55) 27.92 ± 0.32
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

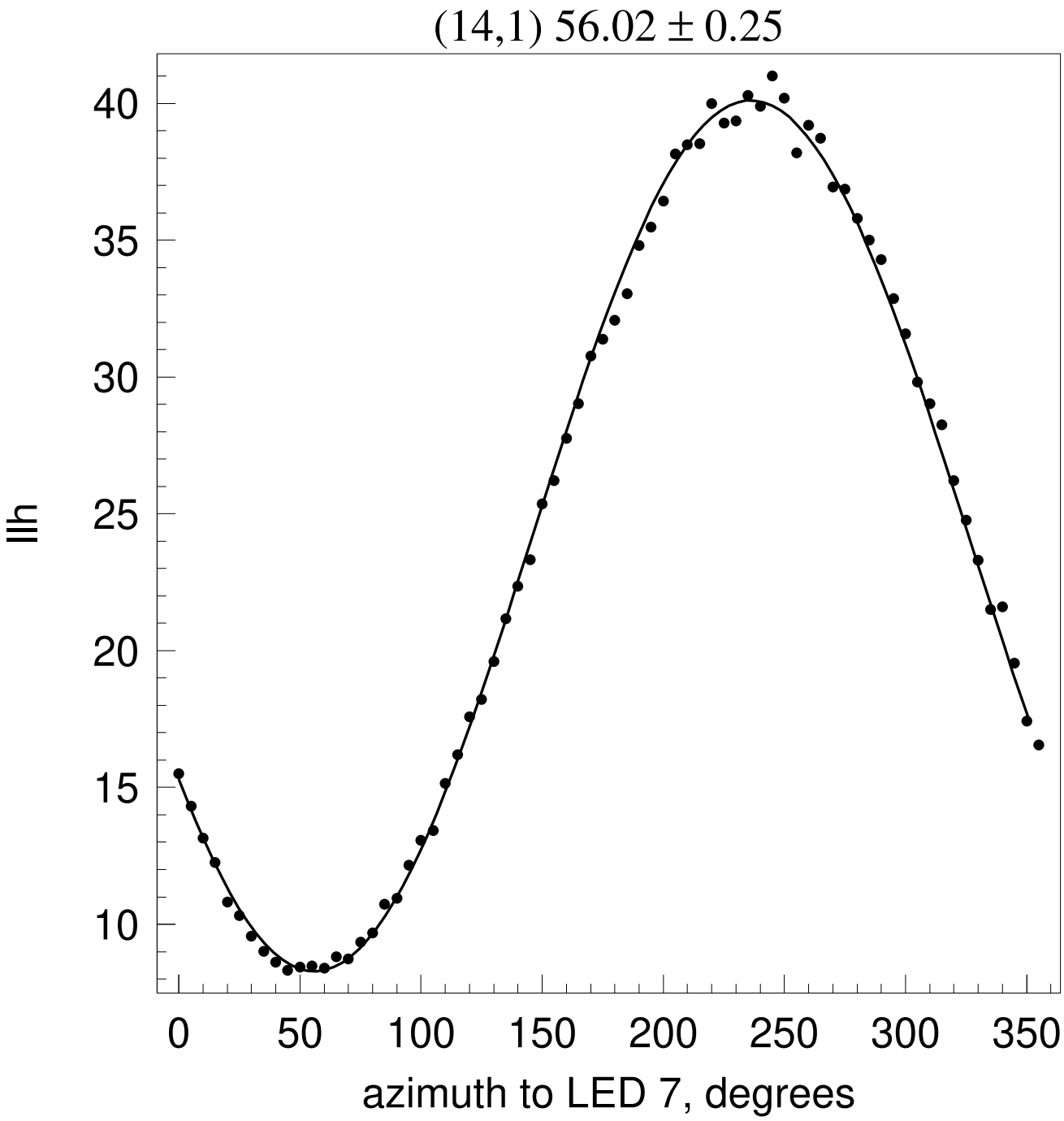

(13,56) 6.23 ± 0.44
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

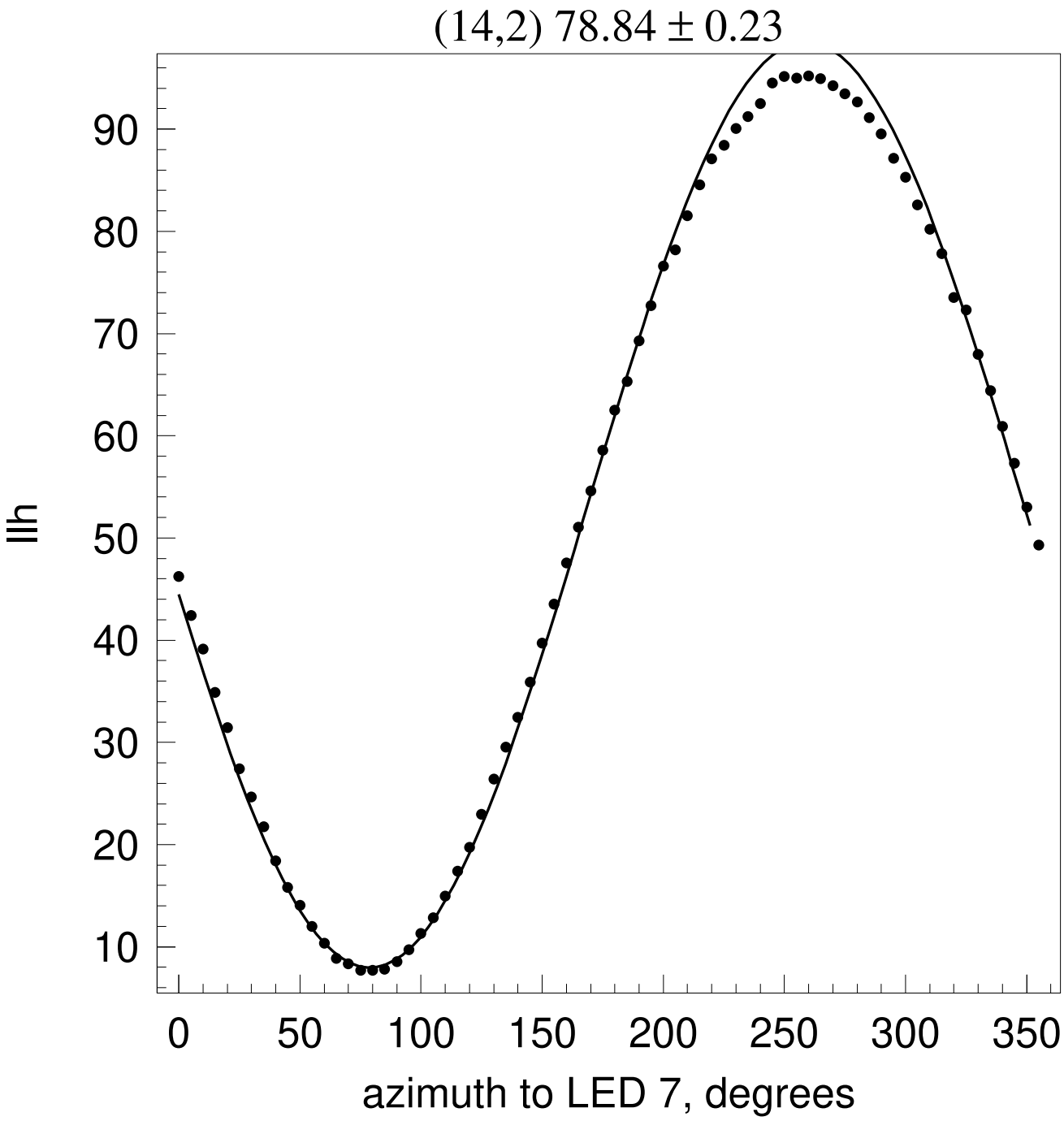

(13,57) 232.05 ± 0.61
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

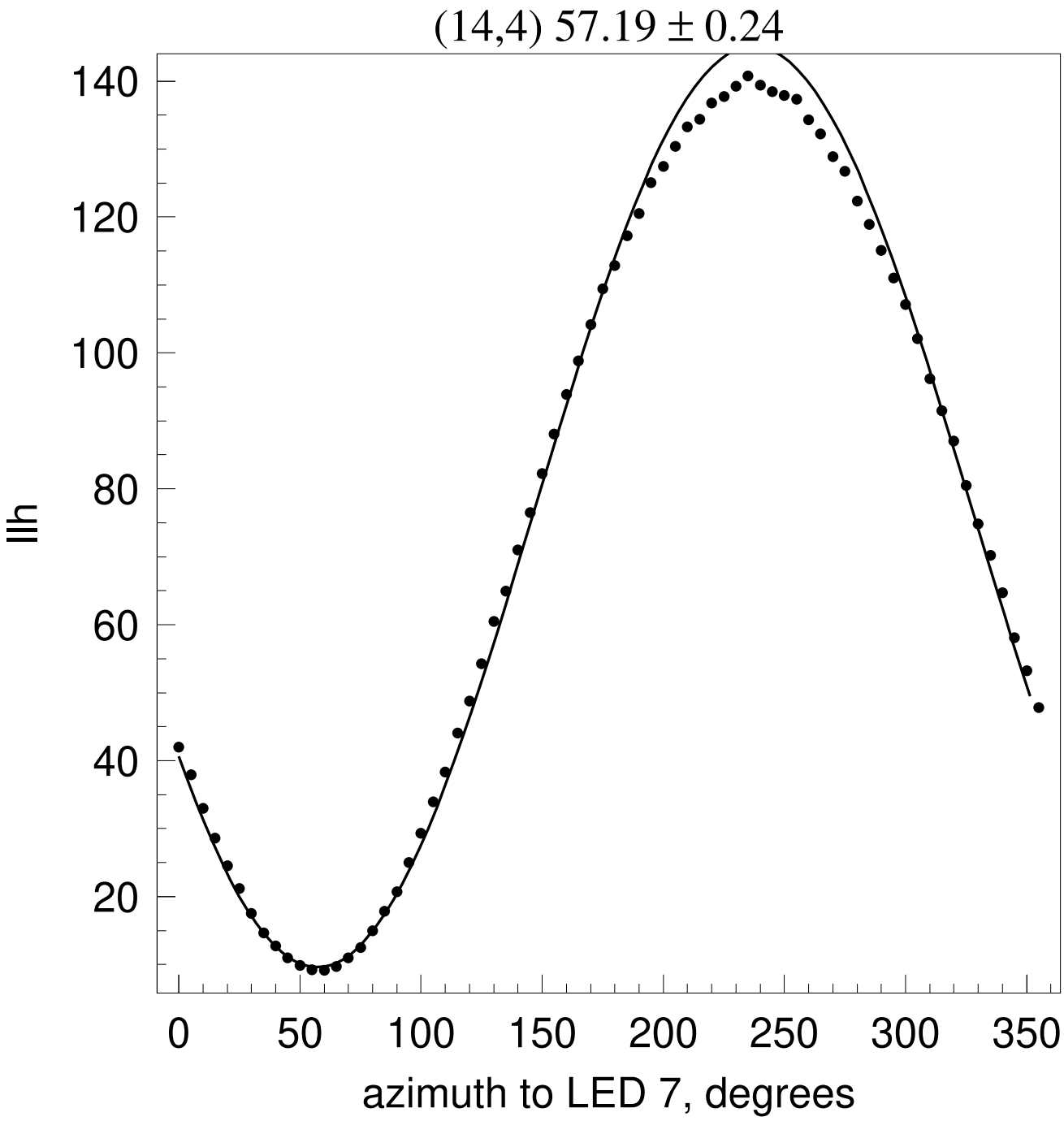

(13,58) 355.94 ± 0.71
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

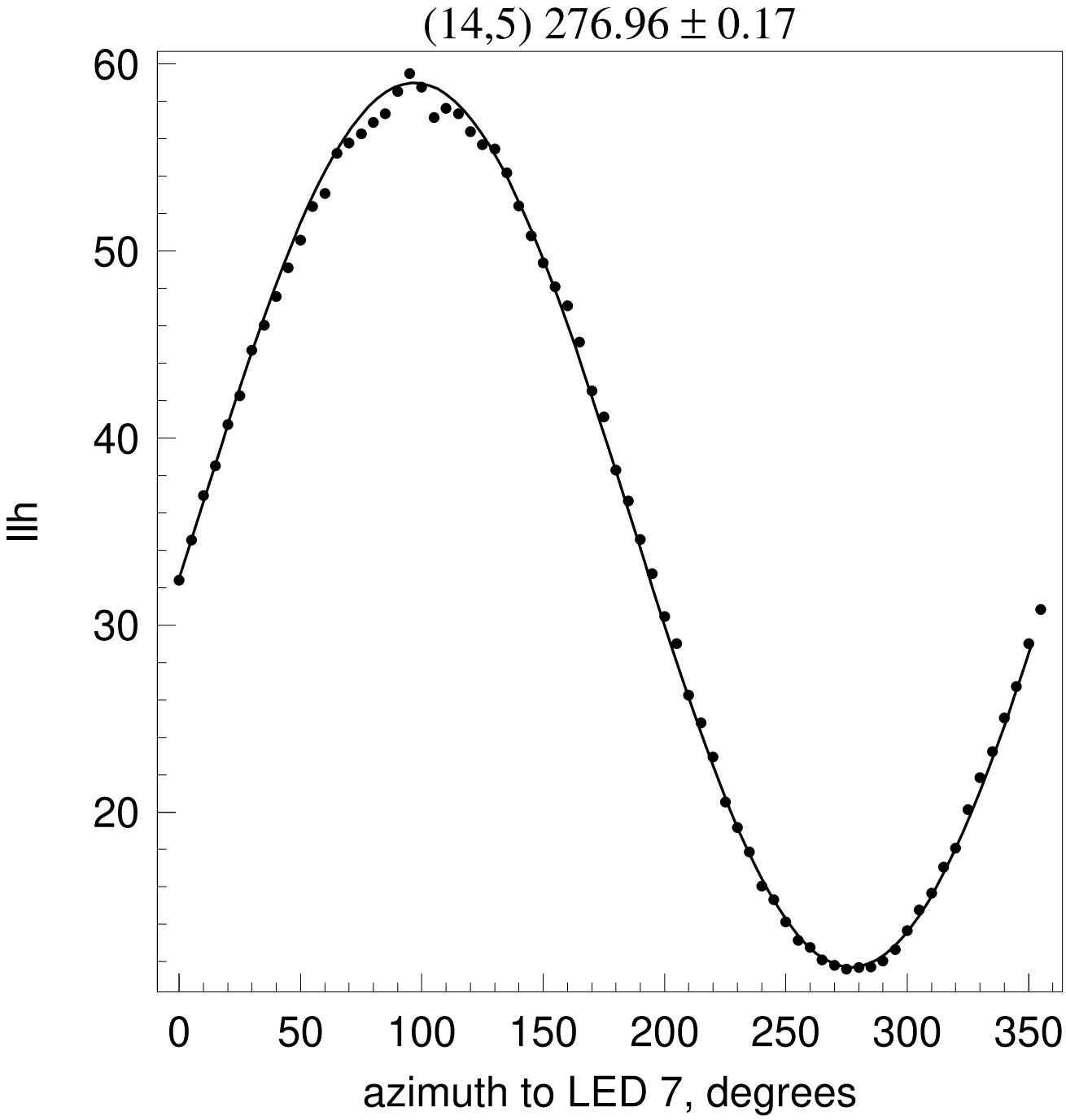

(13,59) 50.32 ± 0.67
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

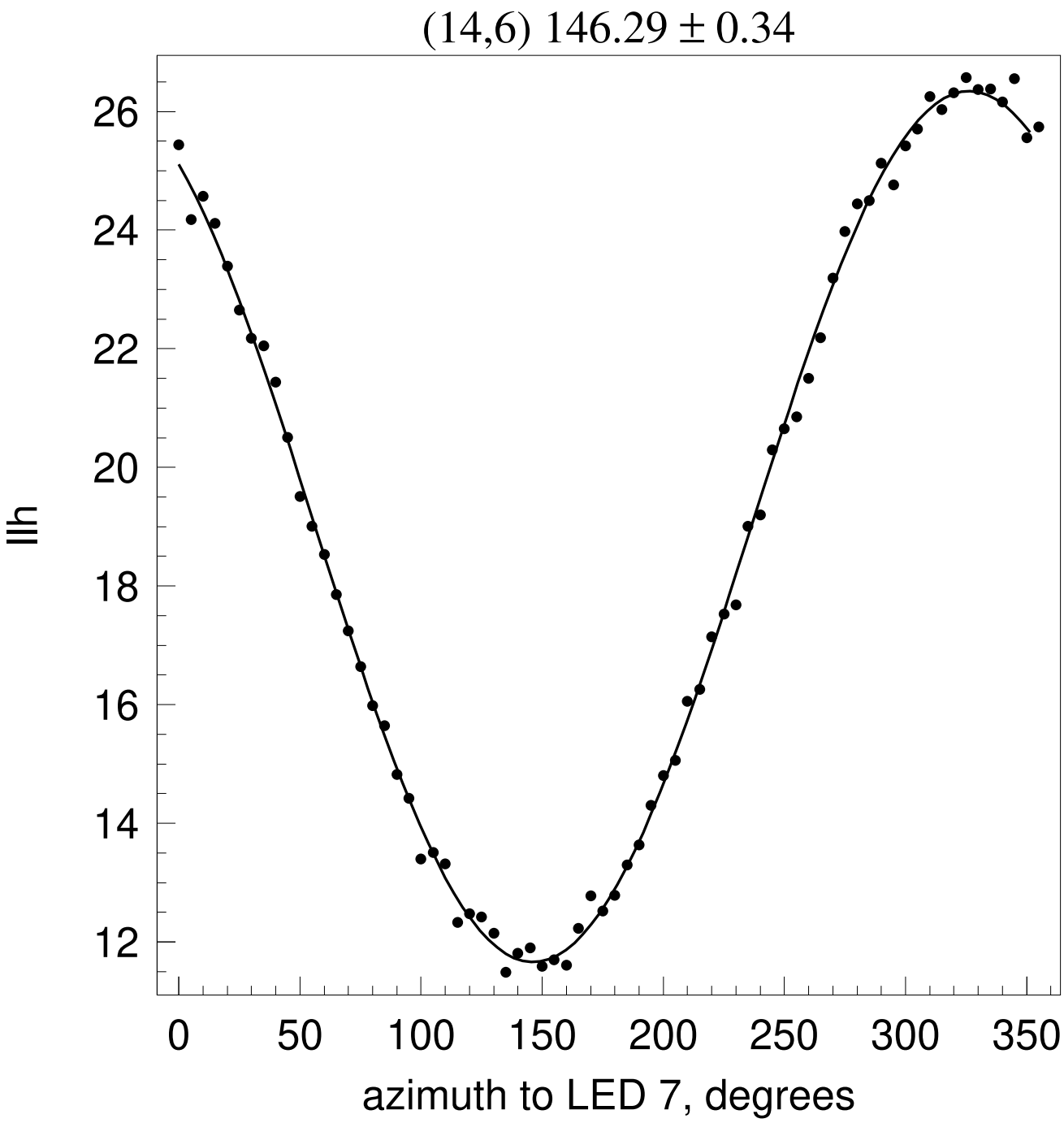

(13,60) 221.32 ± 0.66
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

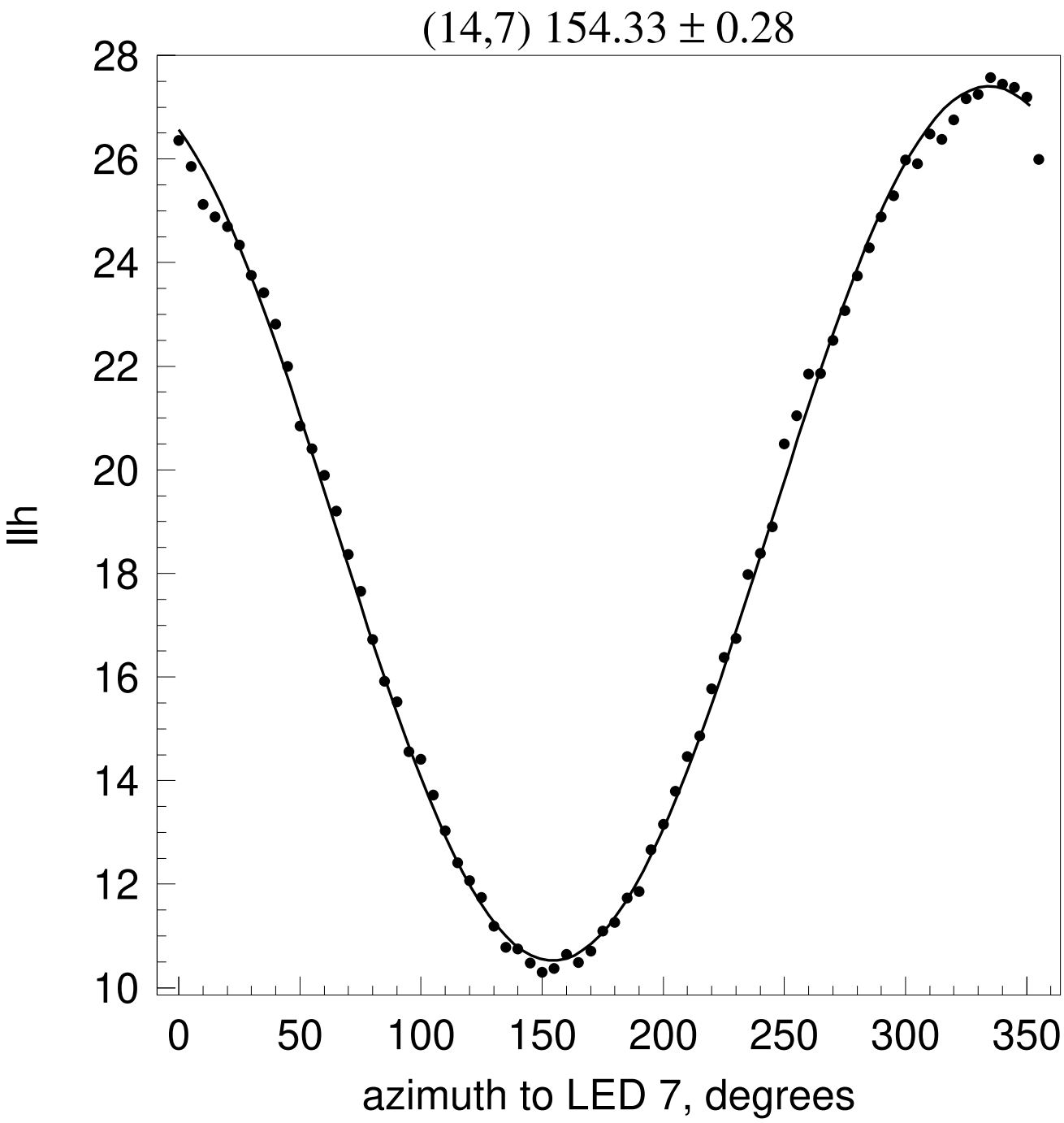

(14,1) 56.02 ± 0.25
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

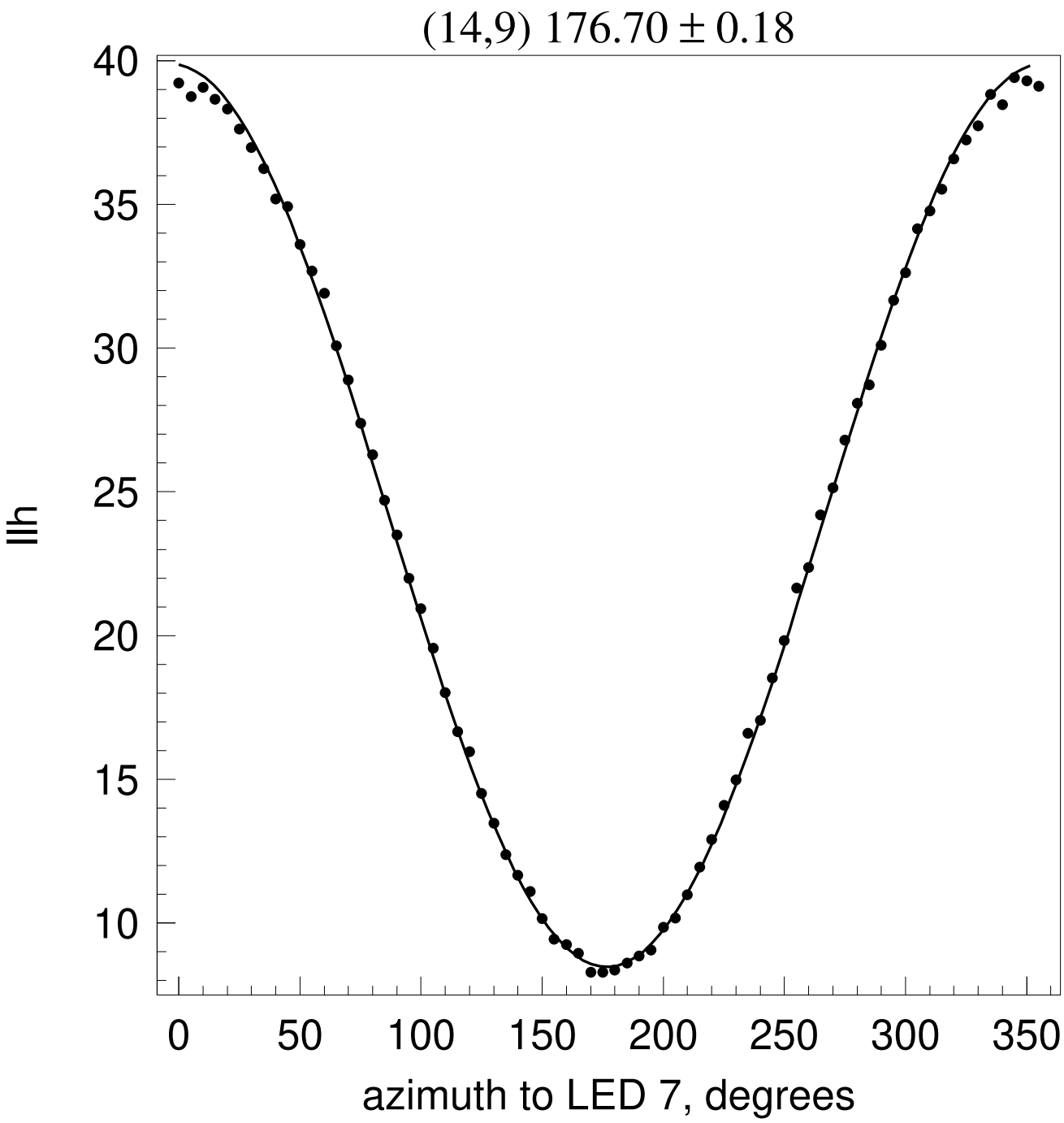

(14,2) 78.84 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

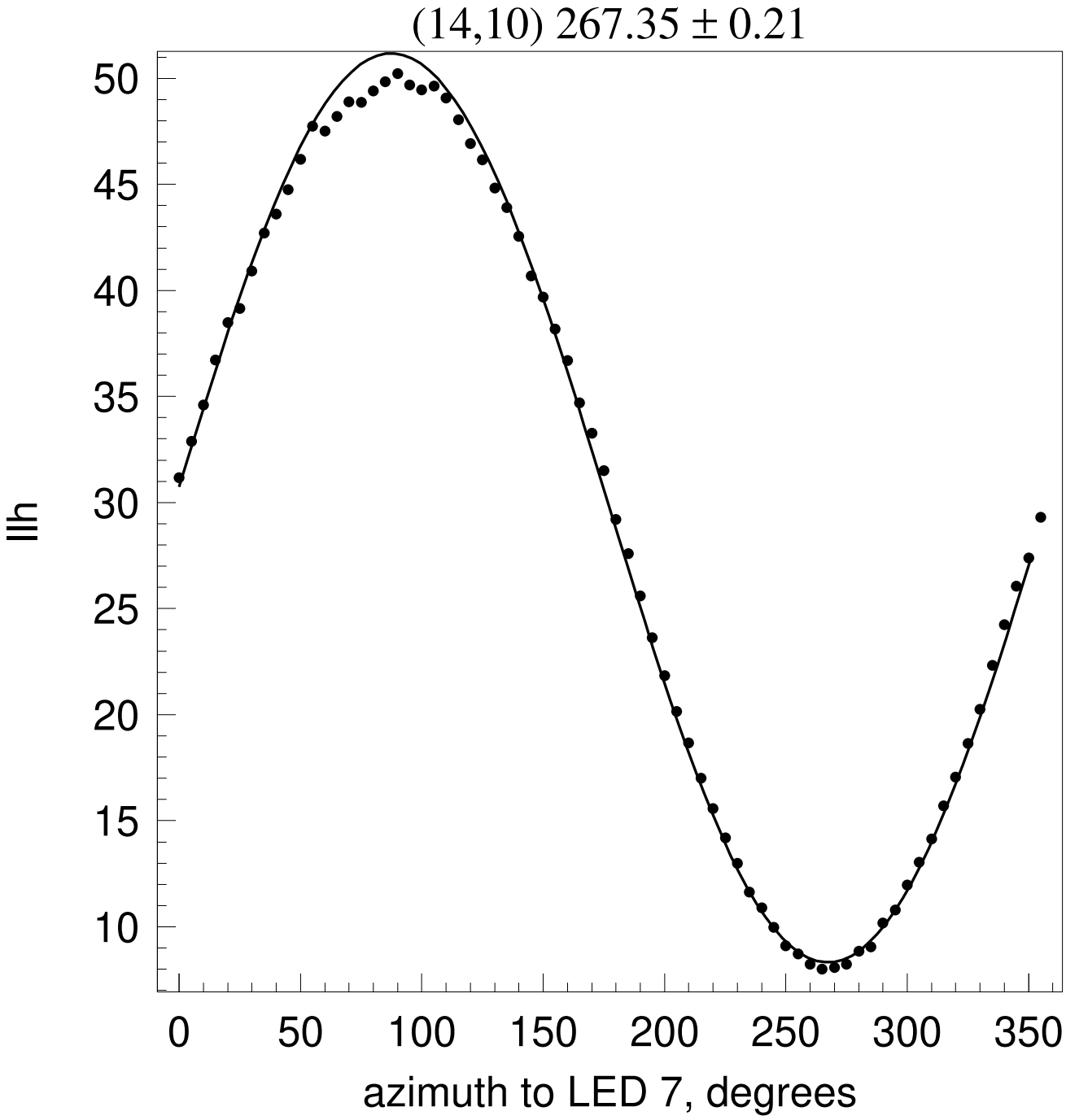

(14,4) 57.19 ± 0.24
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

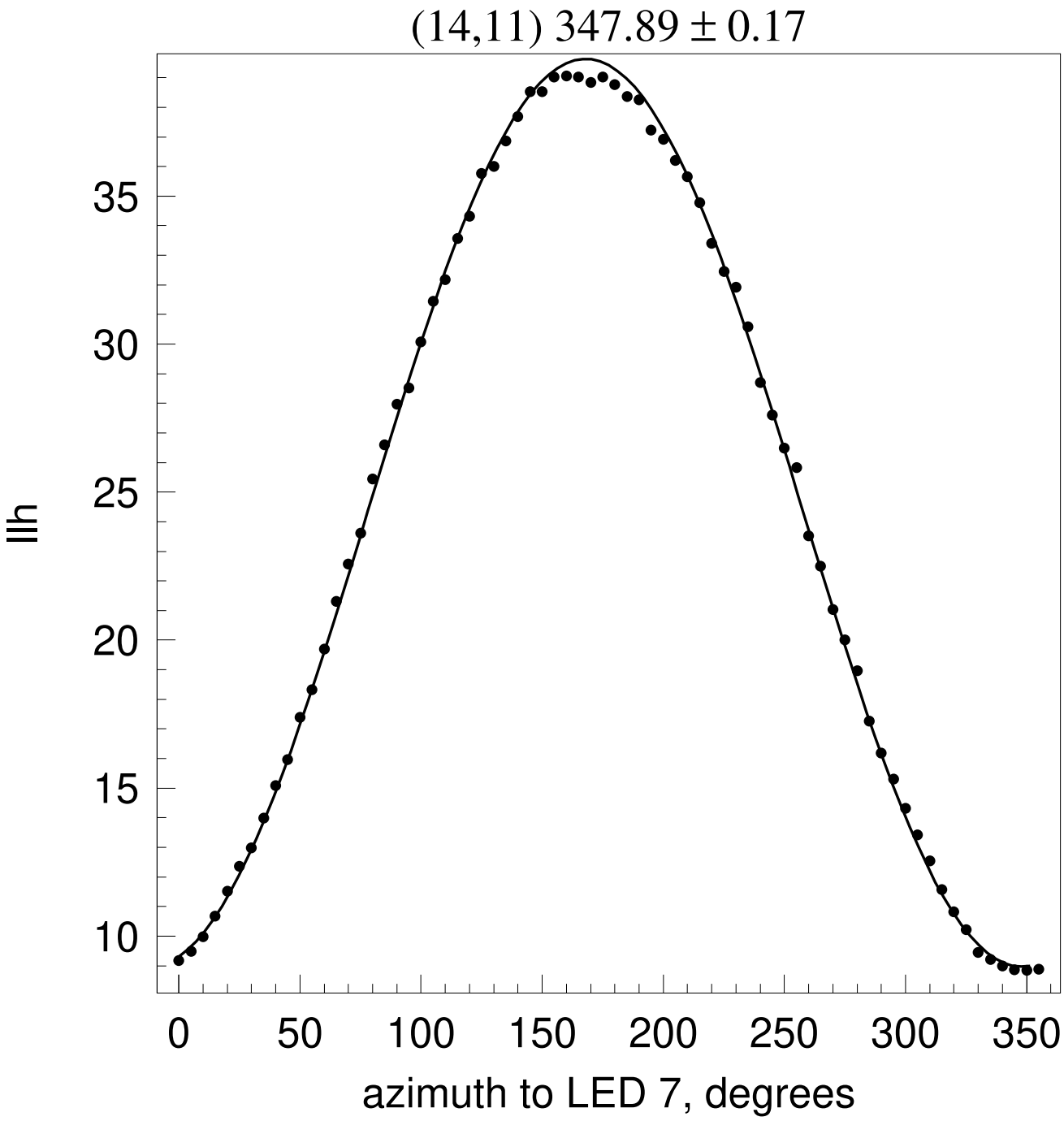

(14,5) 276.96 ± 0.17
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

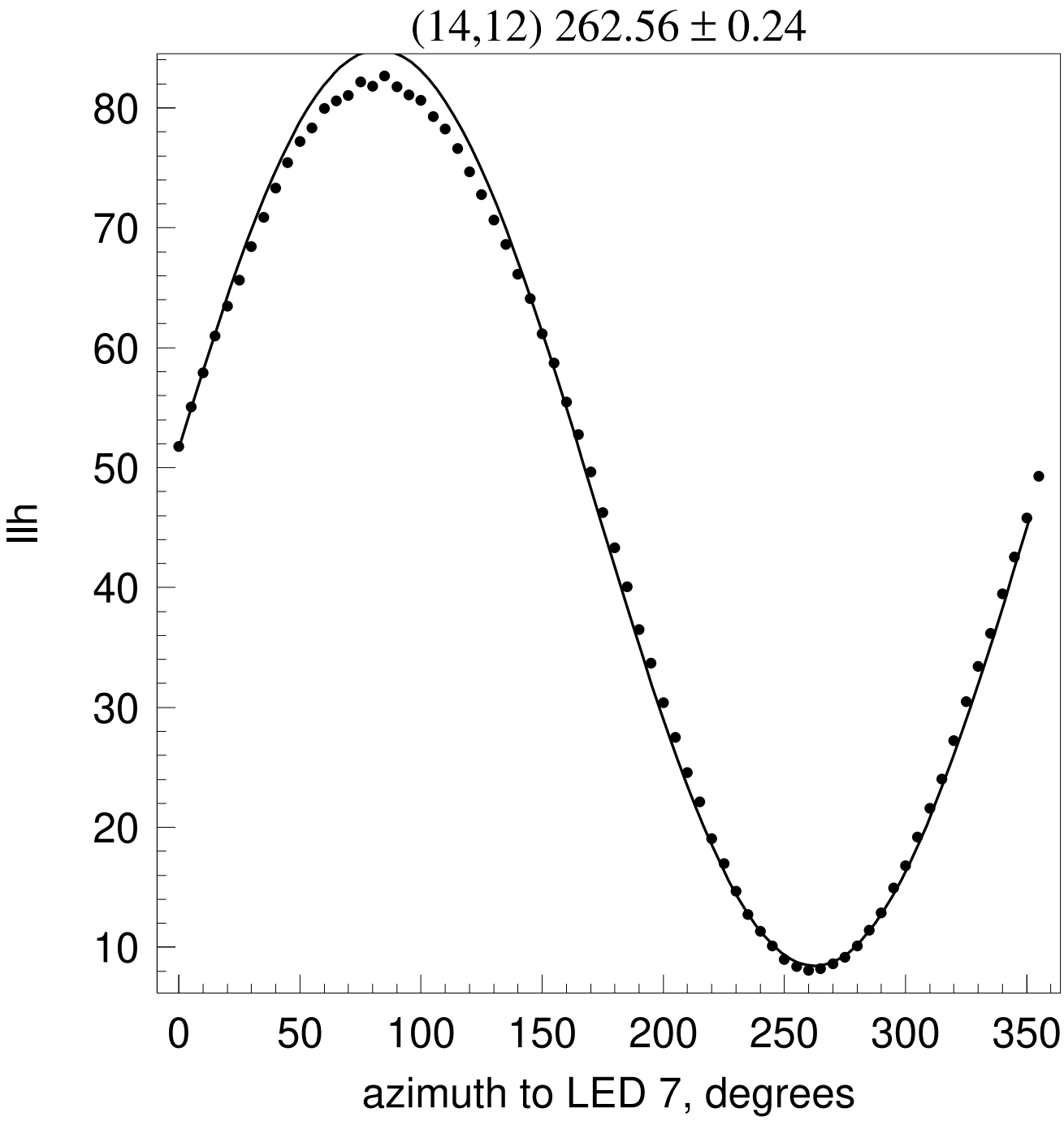

(14,6) 146.29 ± 0.34
26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

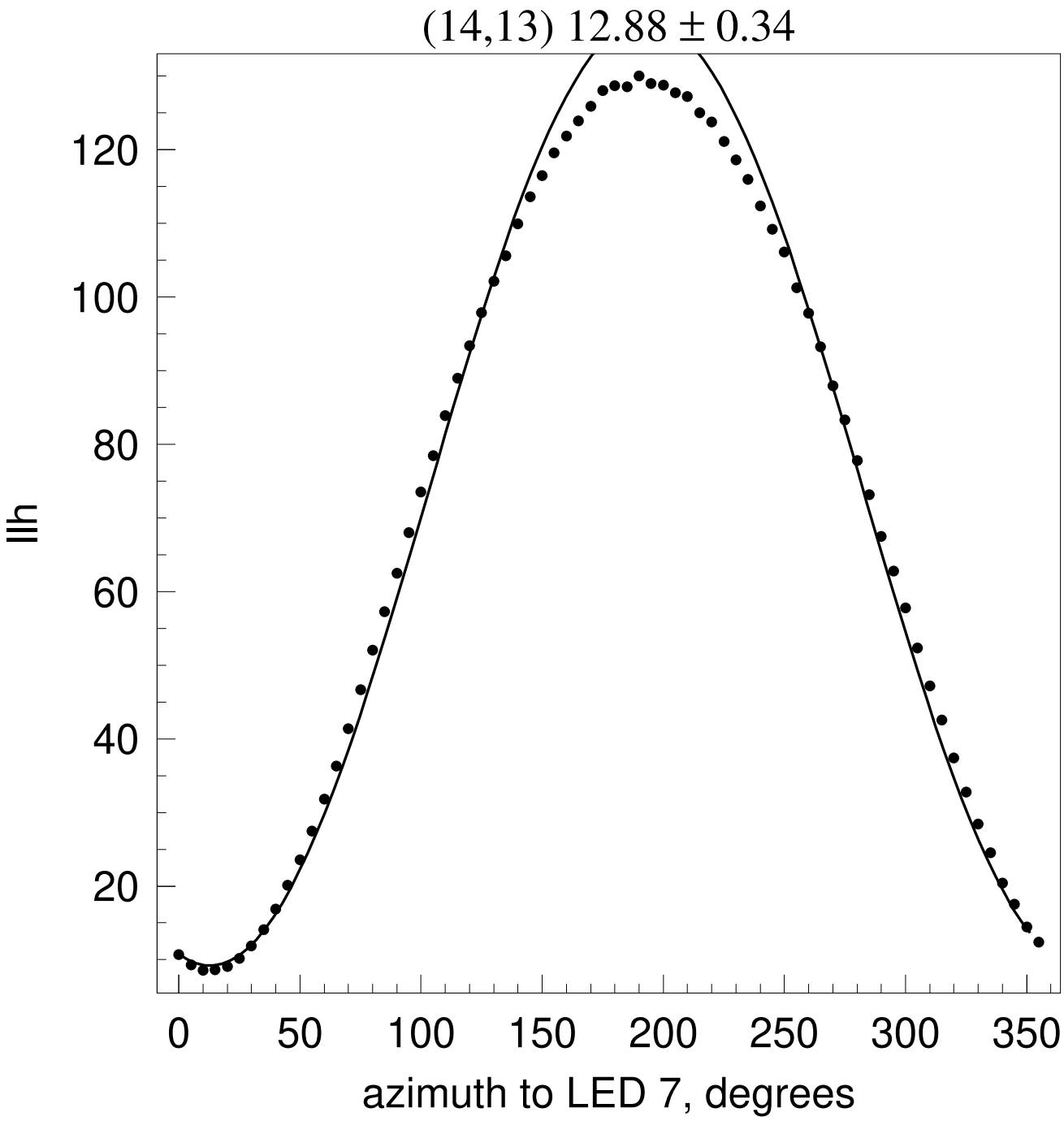

(14,7) 154.33 ± 0.28
28
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

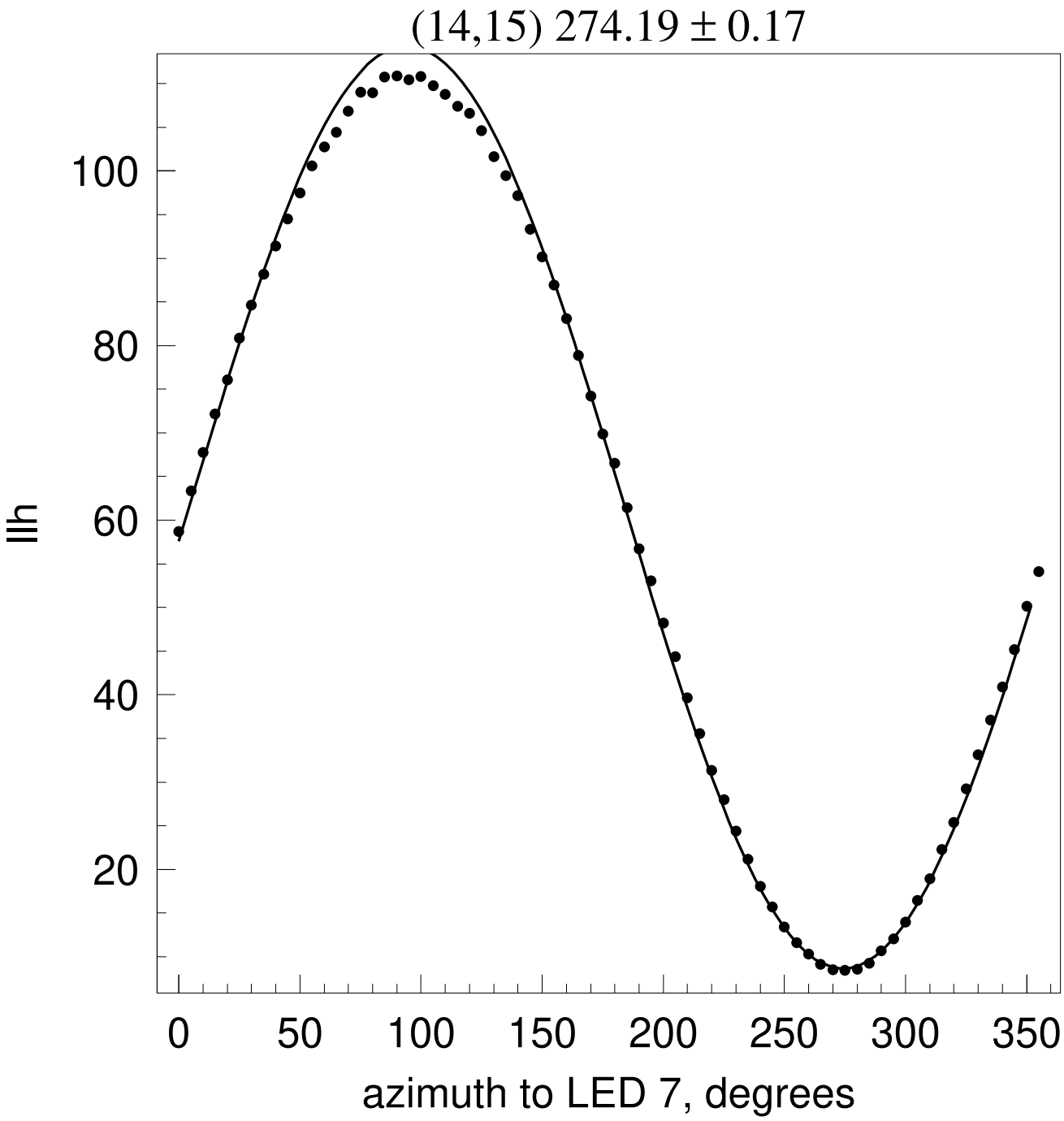

(14,9) 176.70 ± 0.18
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

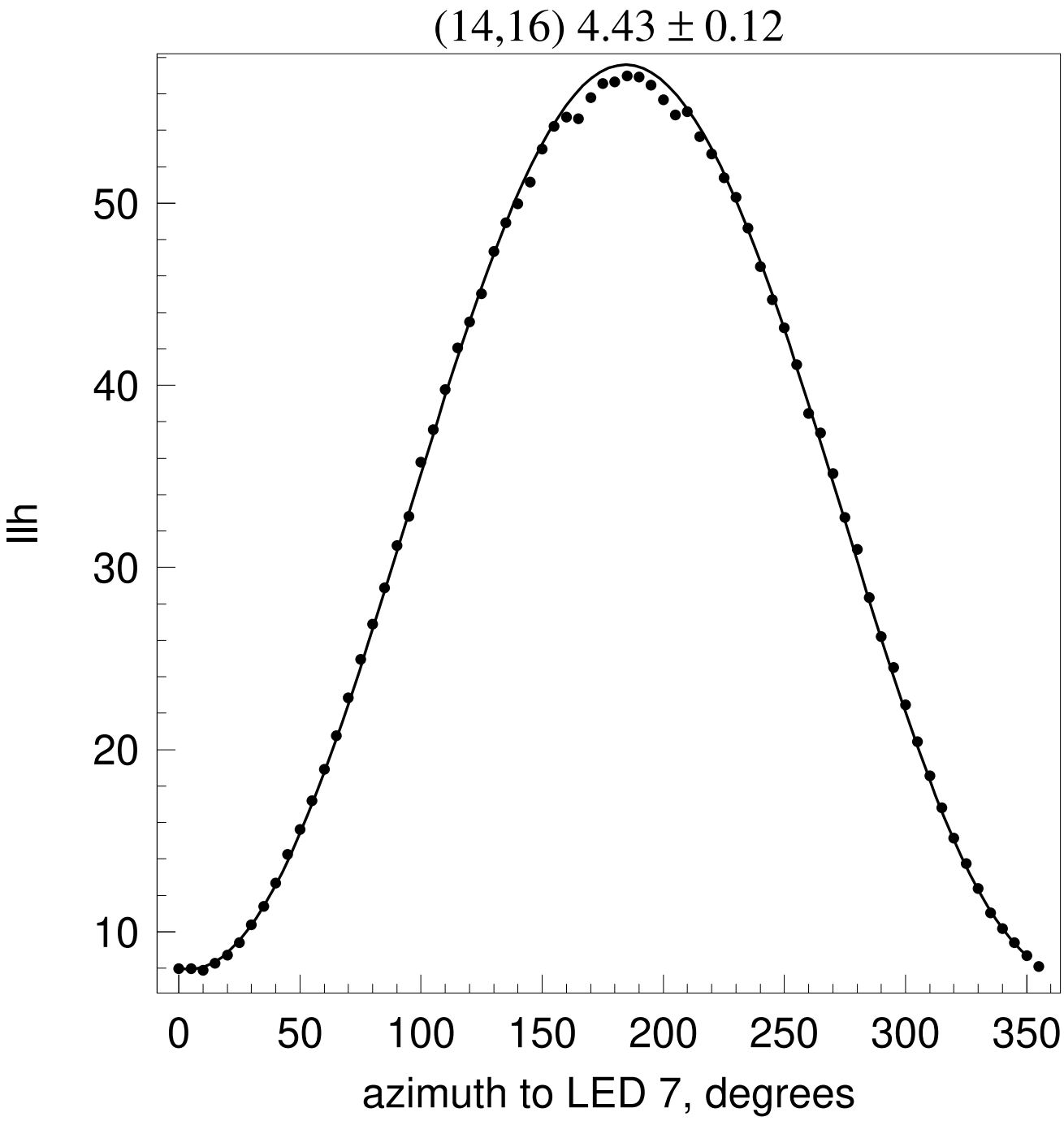

(14,10) 267.35 ± 0.21
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

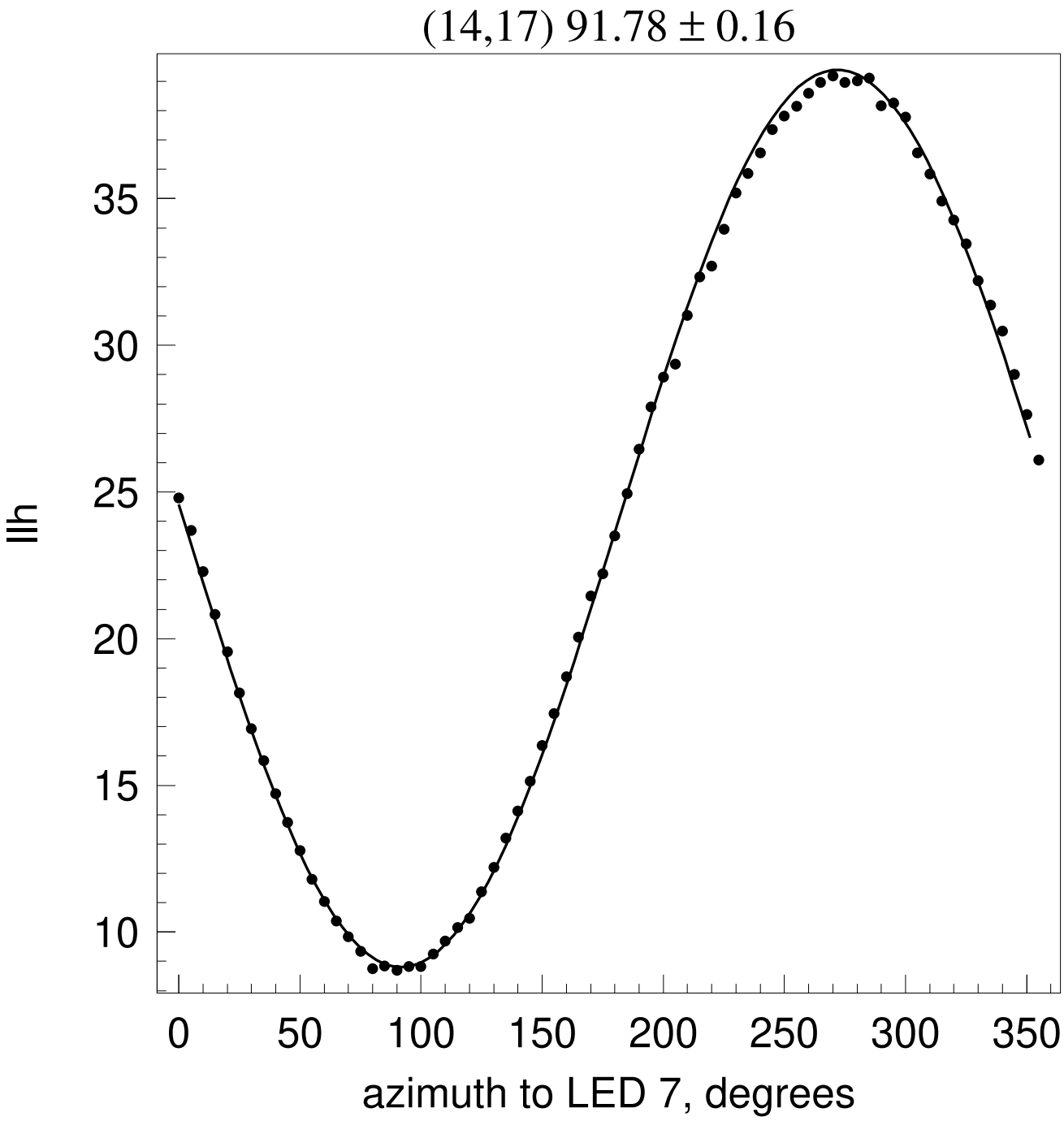

(14,11) 347.89 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

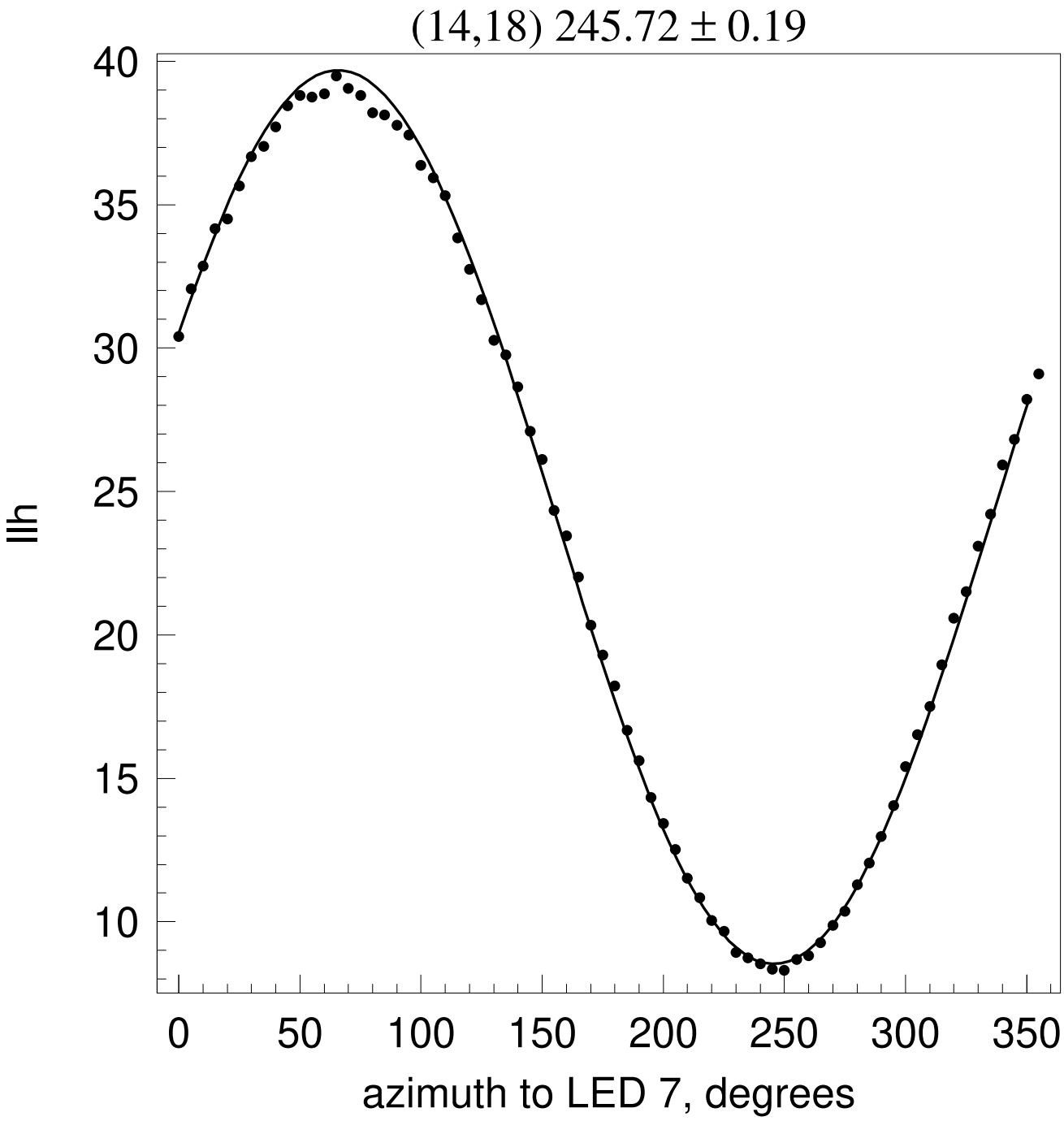

(14,12) 262.56 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

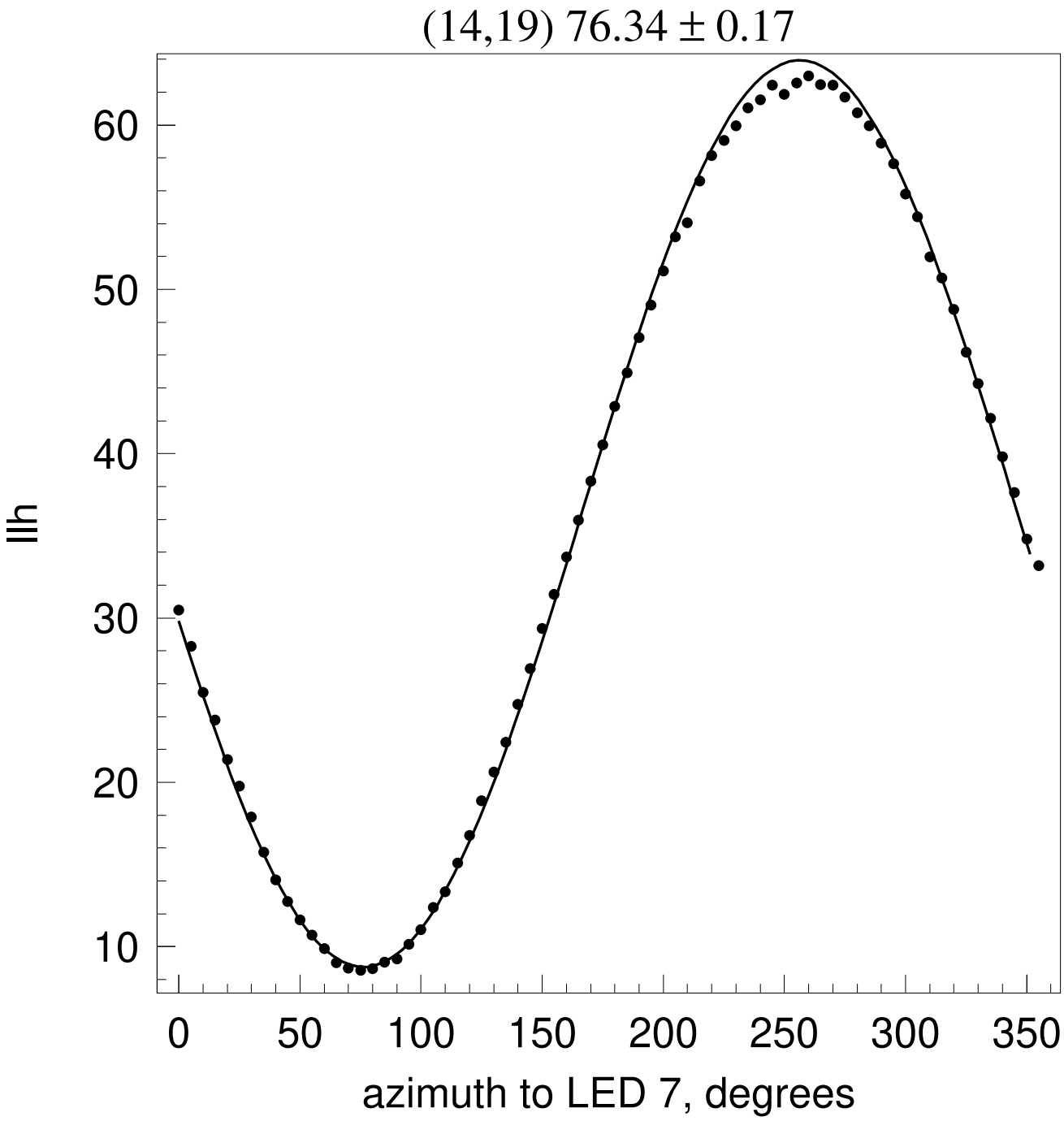

(14,13) 12.88 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

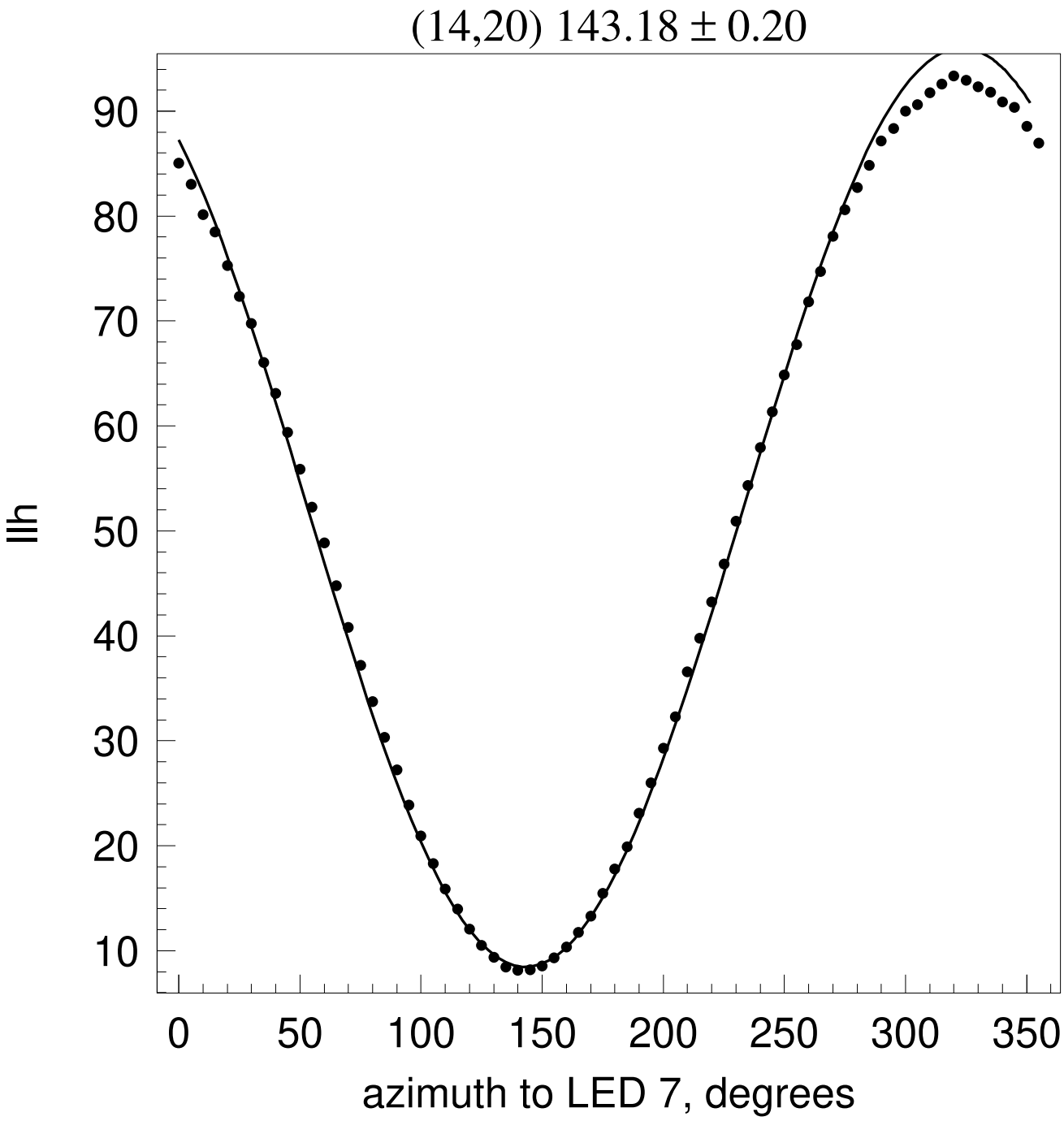

(14,15) 274.19 ± 0.17
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

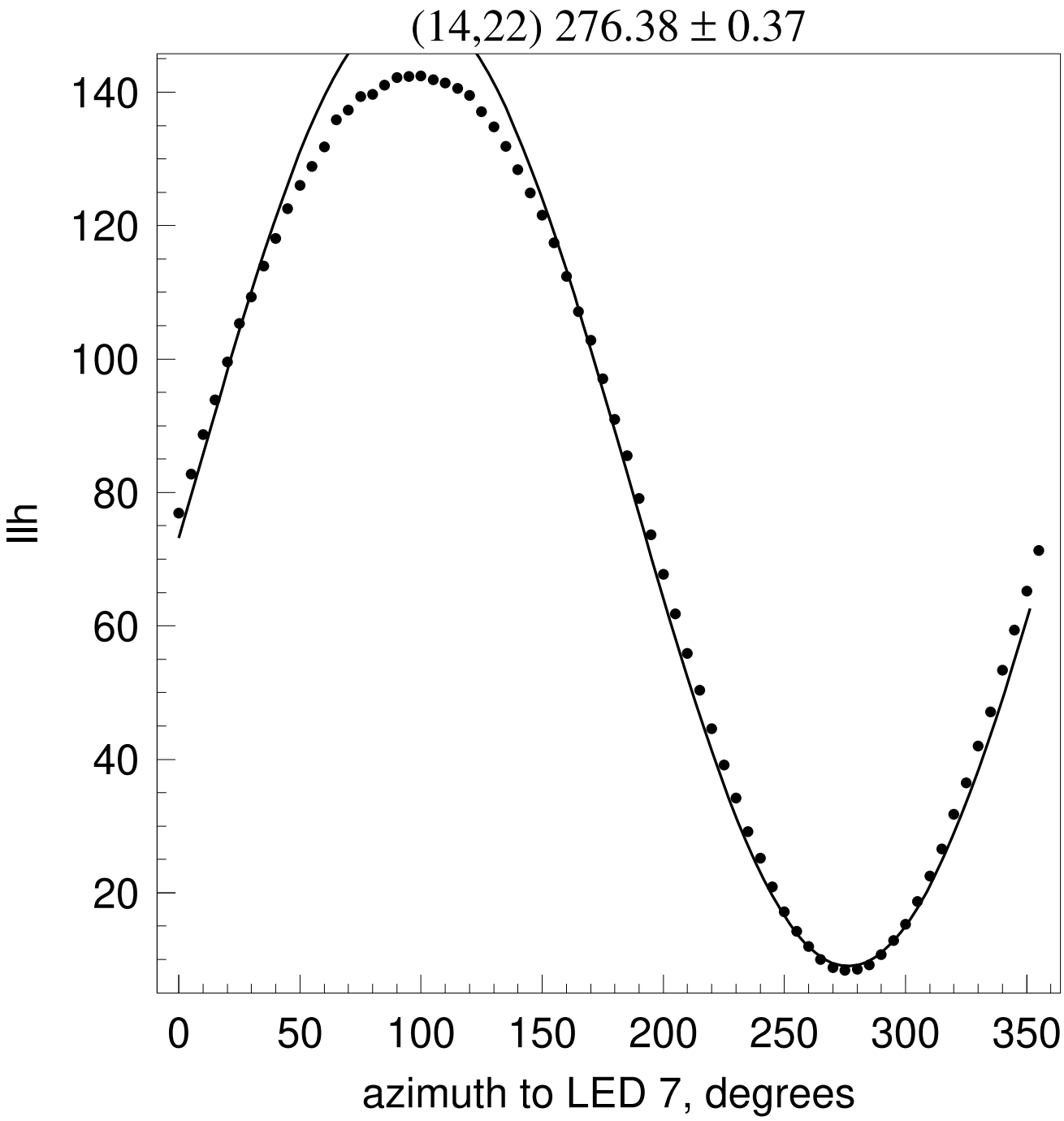

(14,16) 4.43 ± 0.12
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

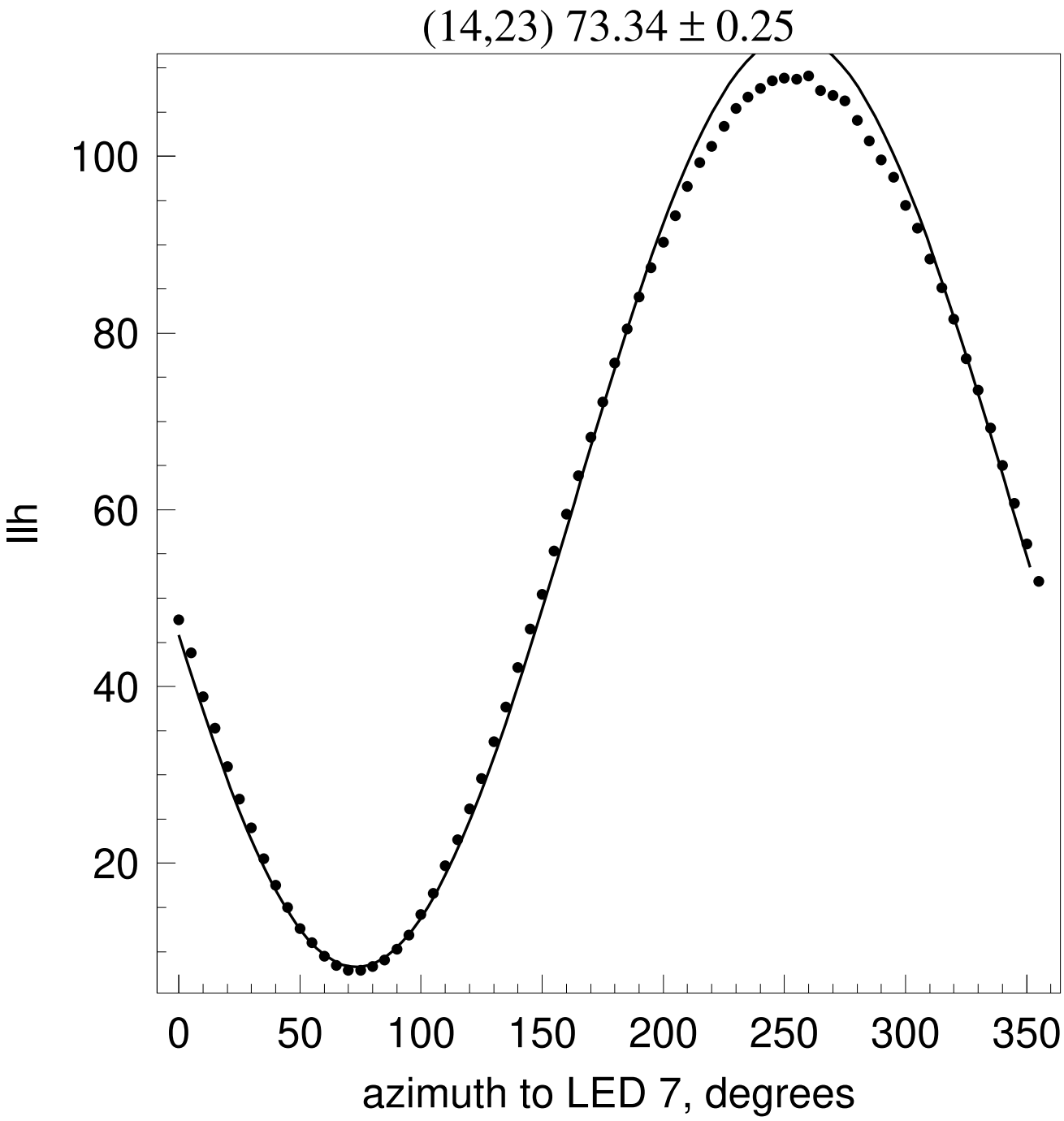

(14,17) 91.78 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

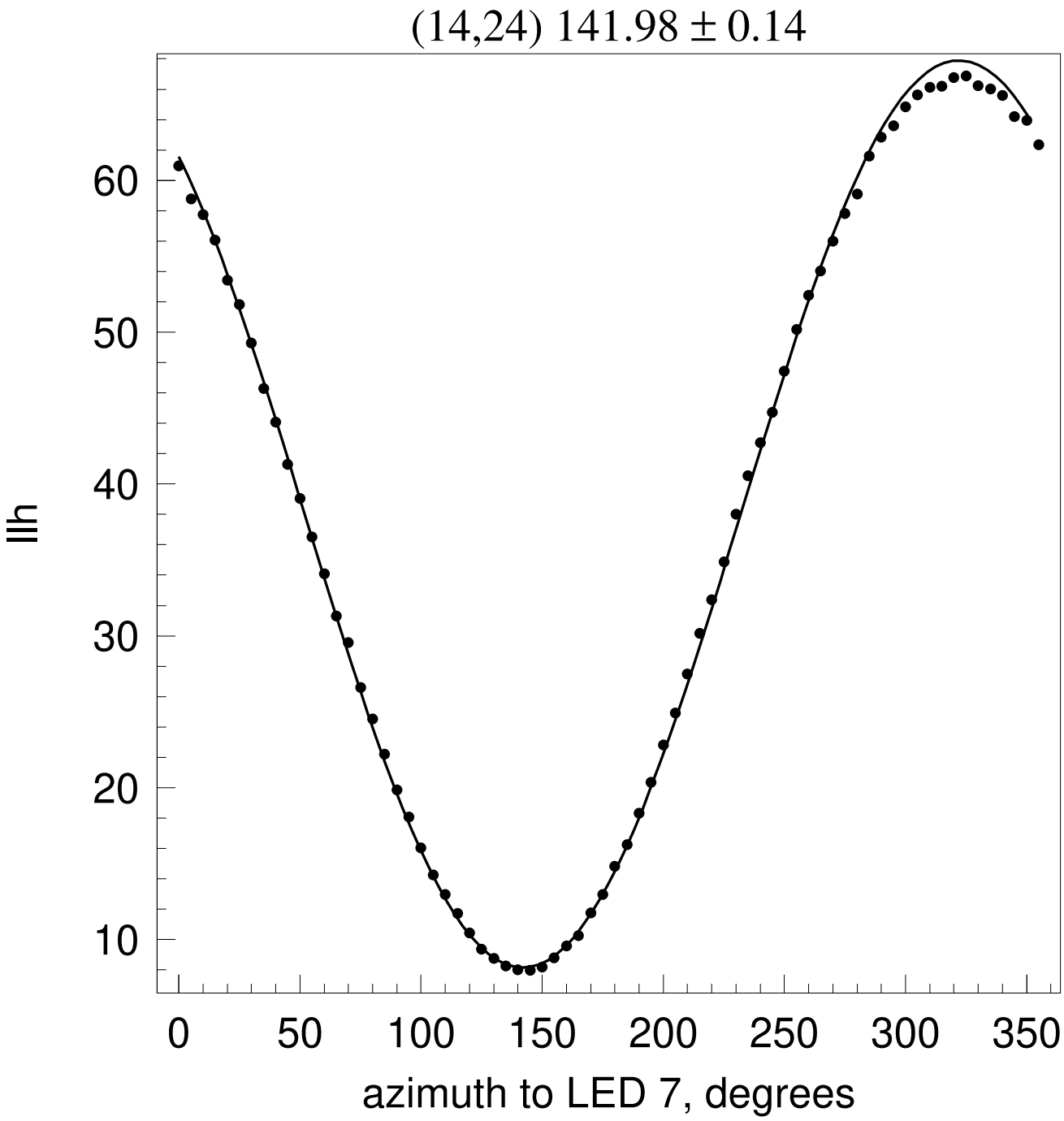

(14,18) 245.72 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

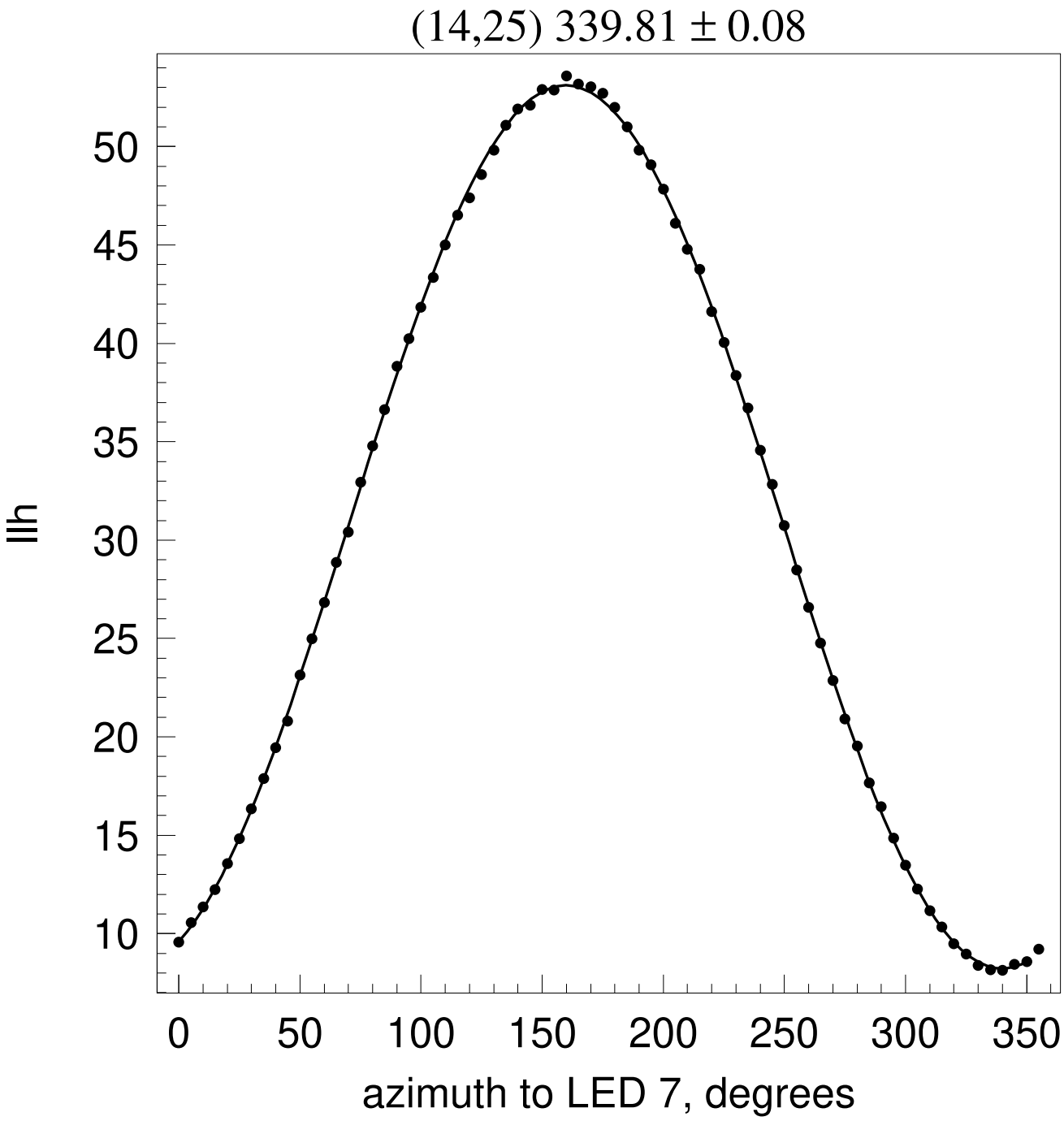

(14,19) 76.34 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

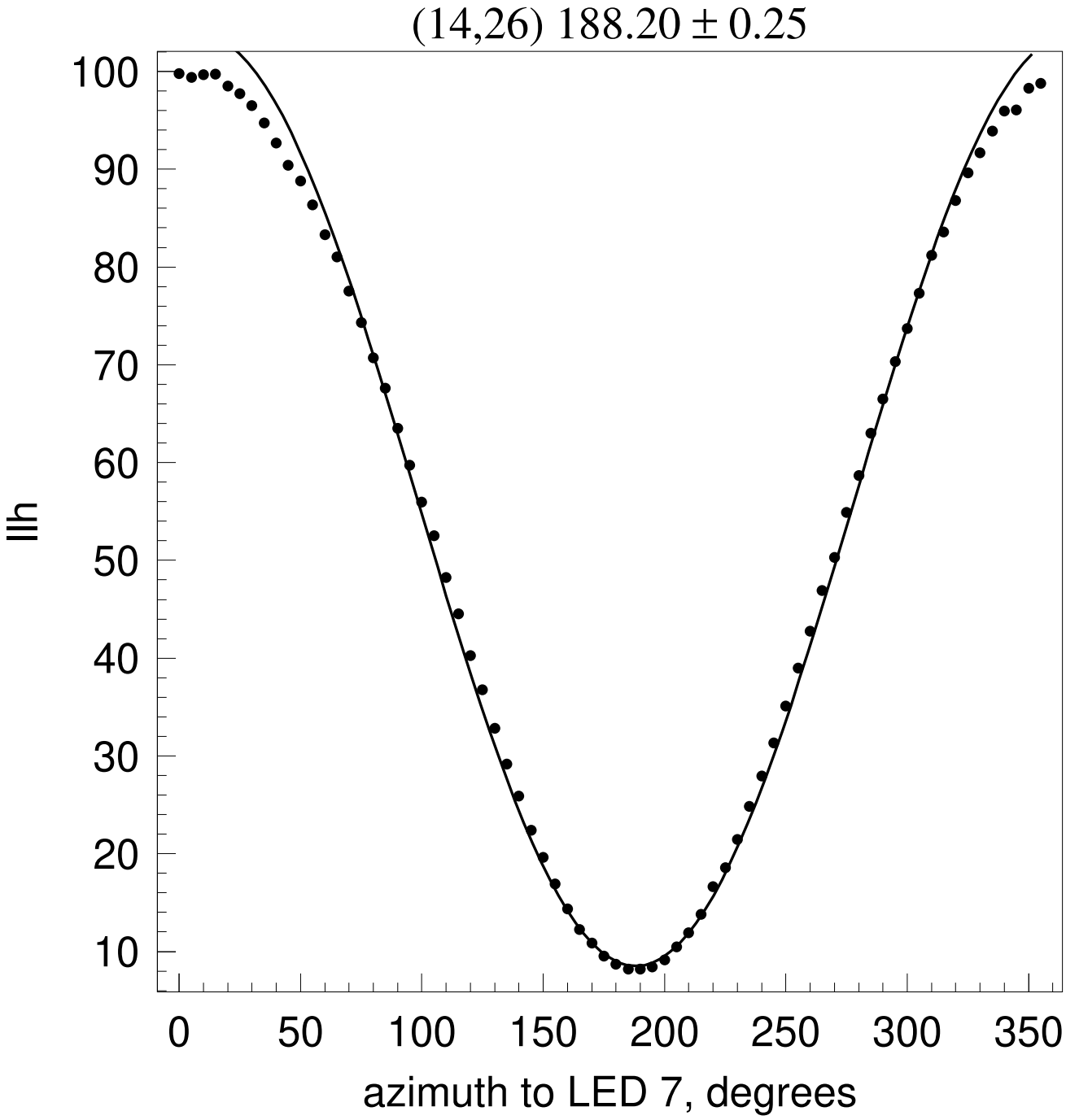

(14,20) 143.18 ± 0.20
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

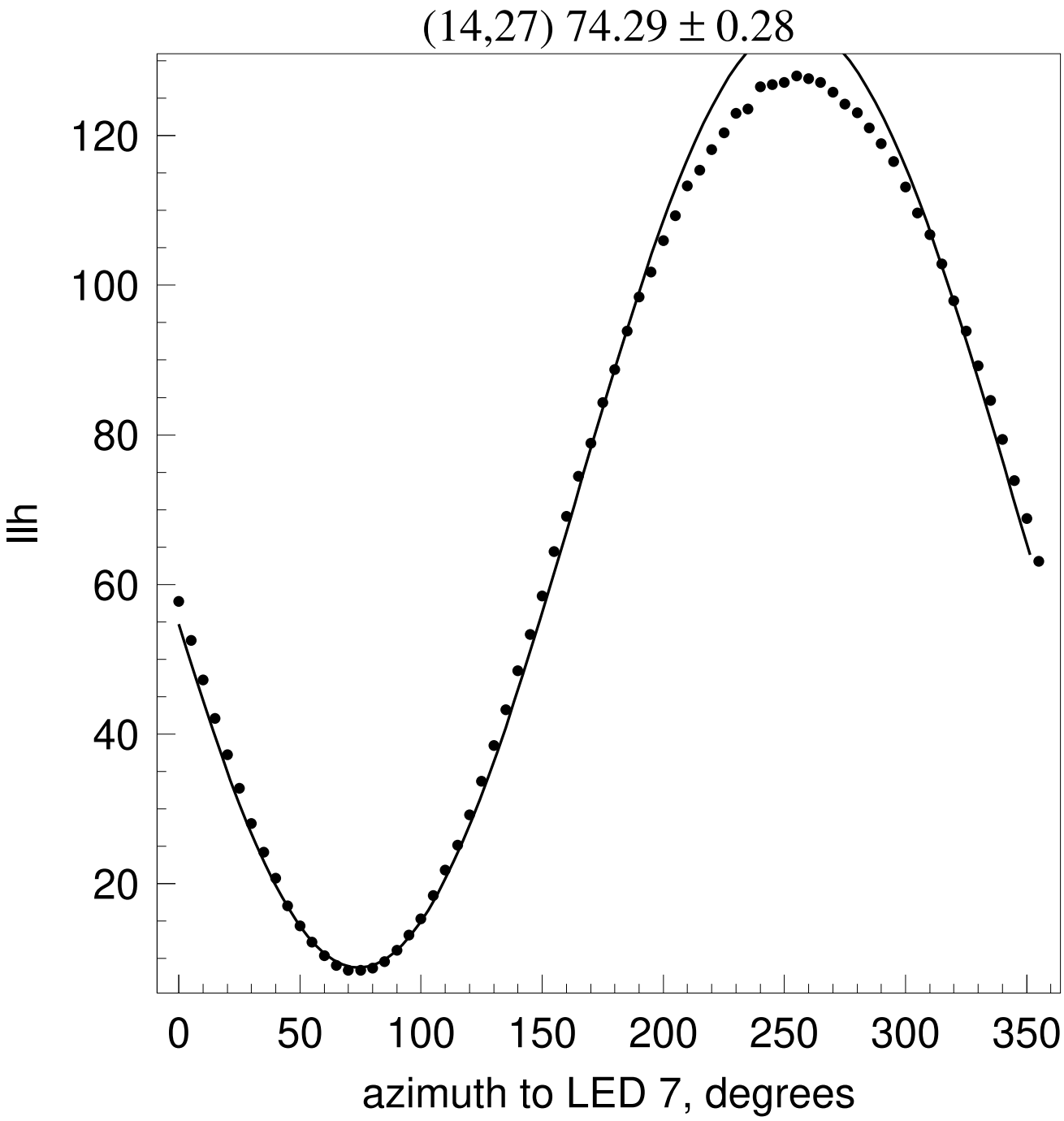

(14,22) 276.38 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

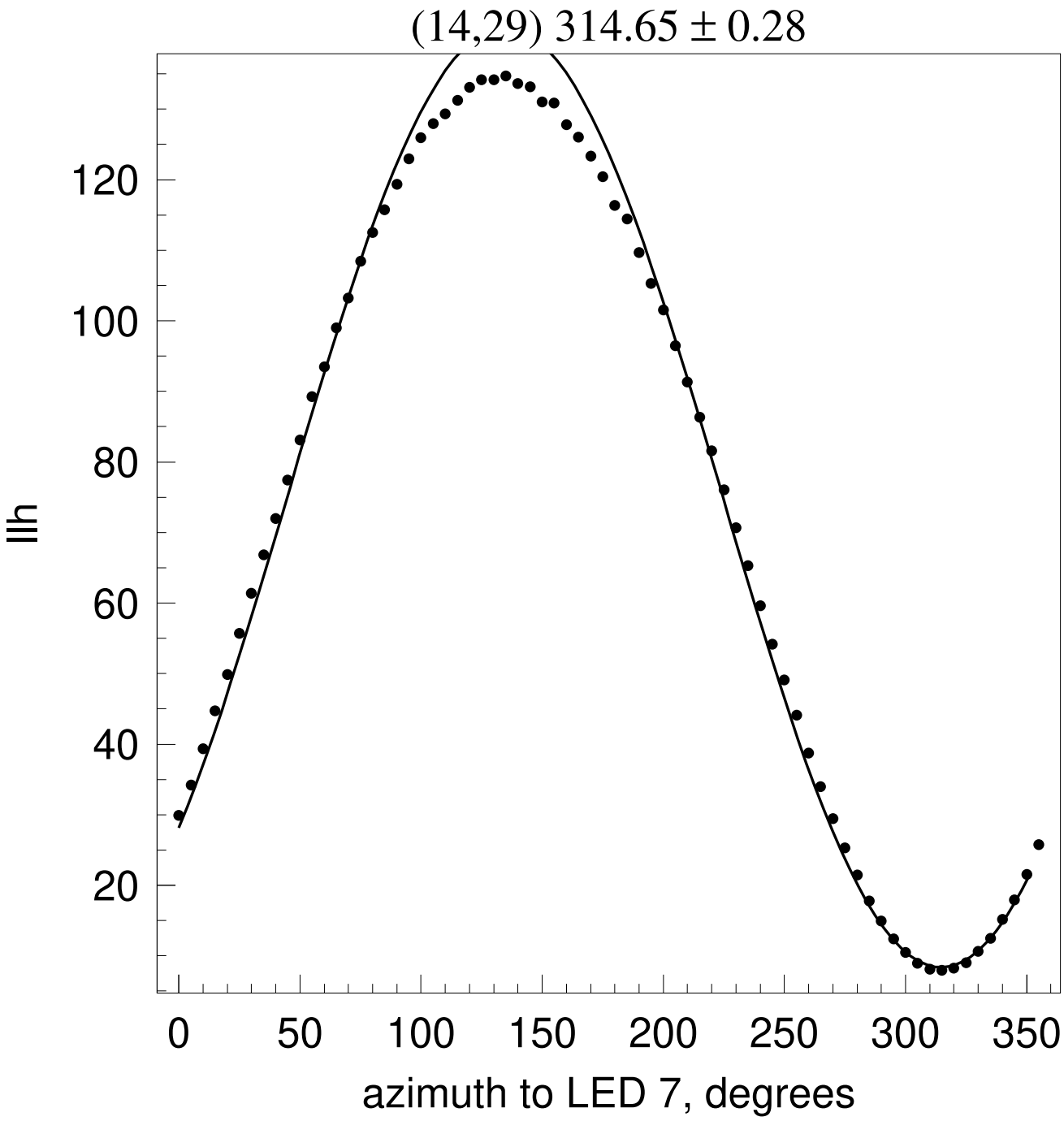

(14,23) 73.34 ± 0.25
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

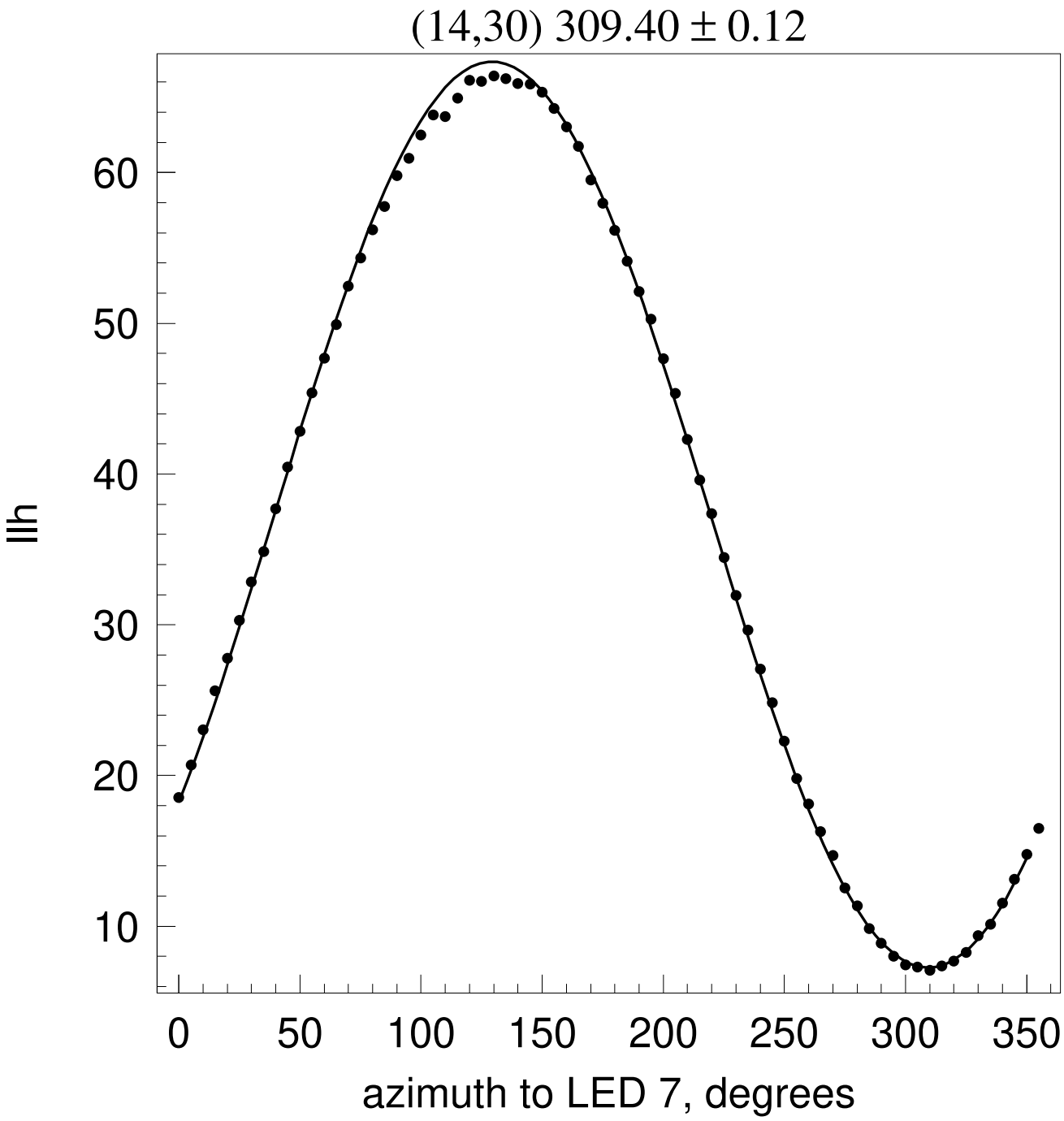

(14,24) 141.98 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

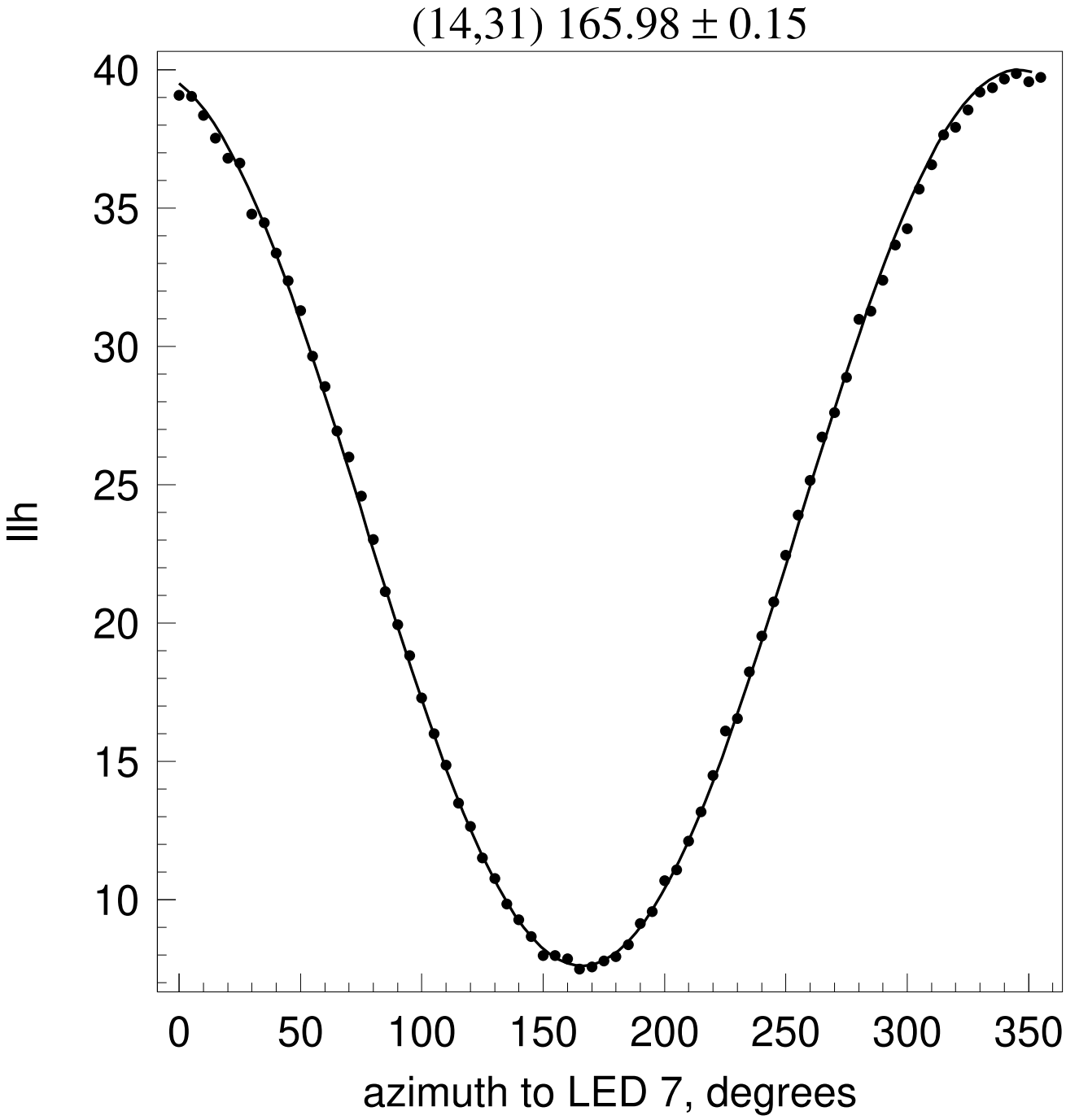

(14,25) 339.81 ± 0.08
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

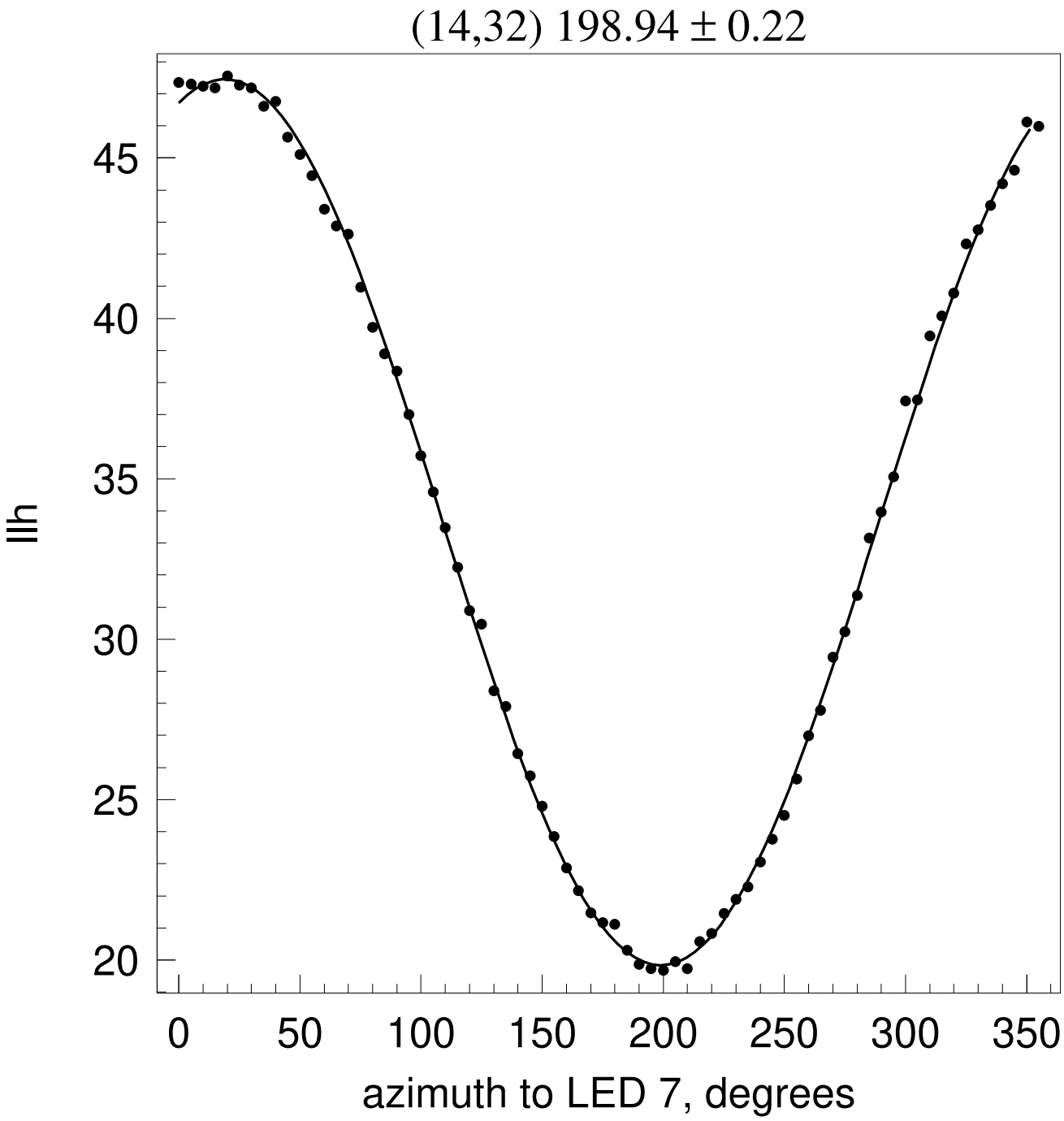

(14,26) 188.20 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

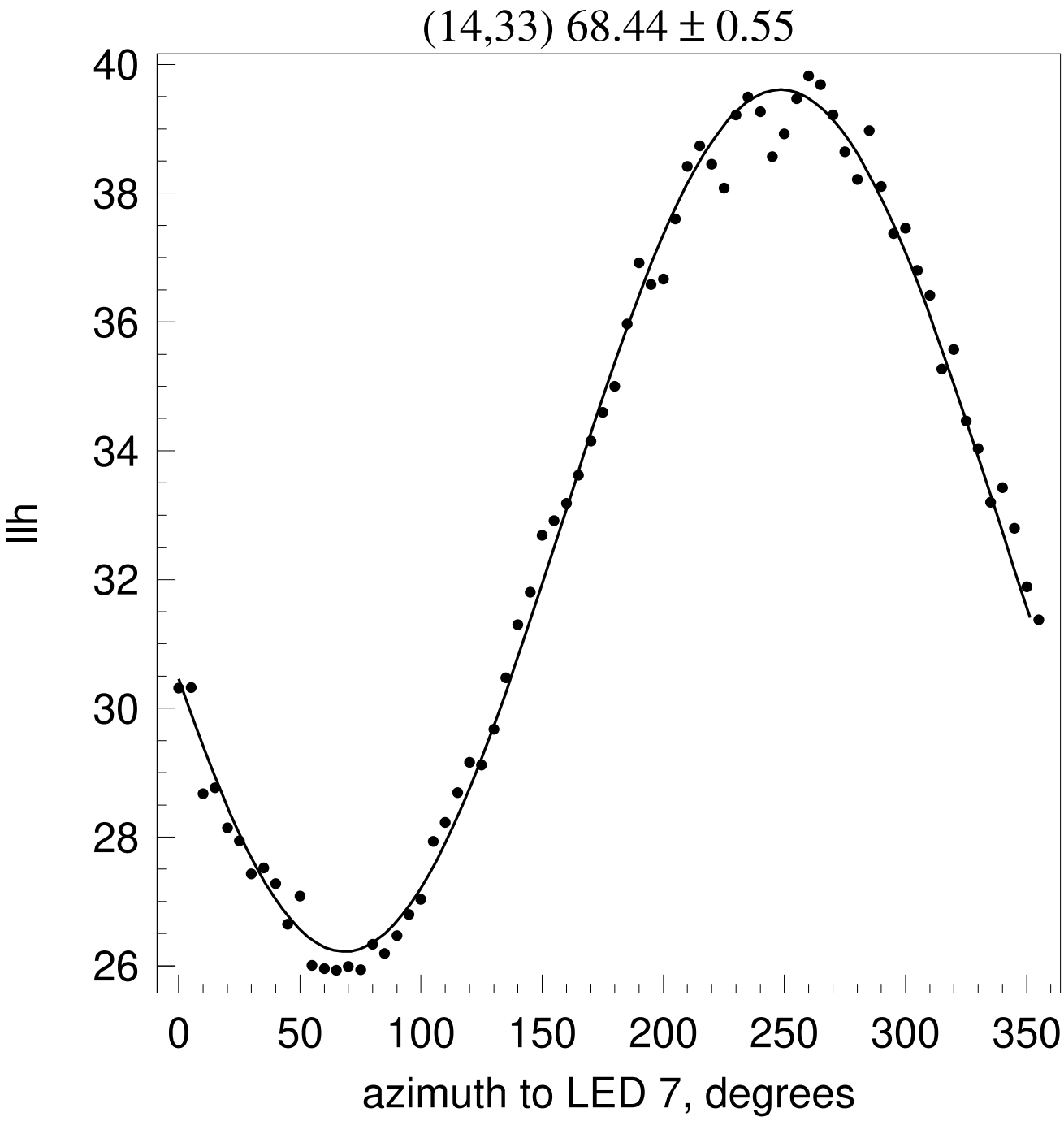

(14,27) 74.29 ± 0.28
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

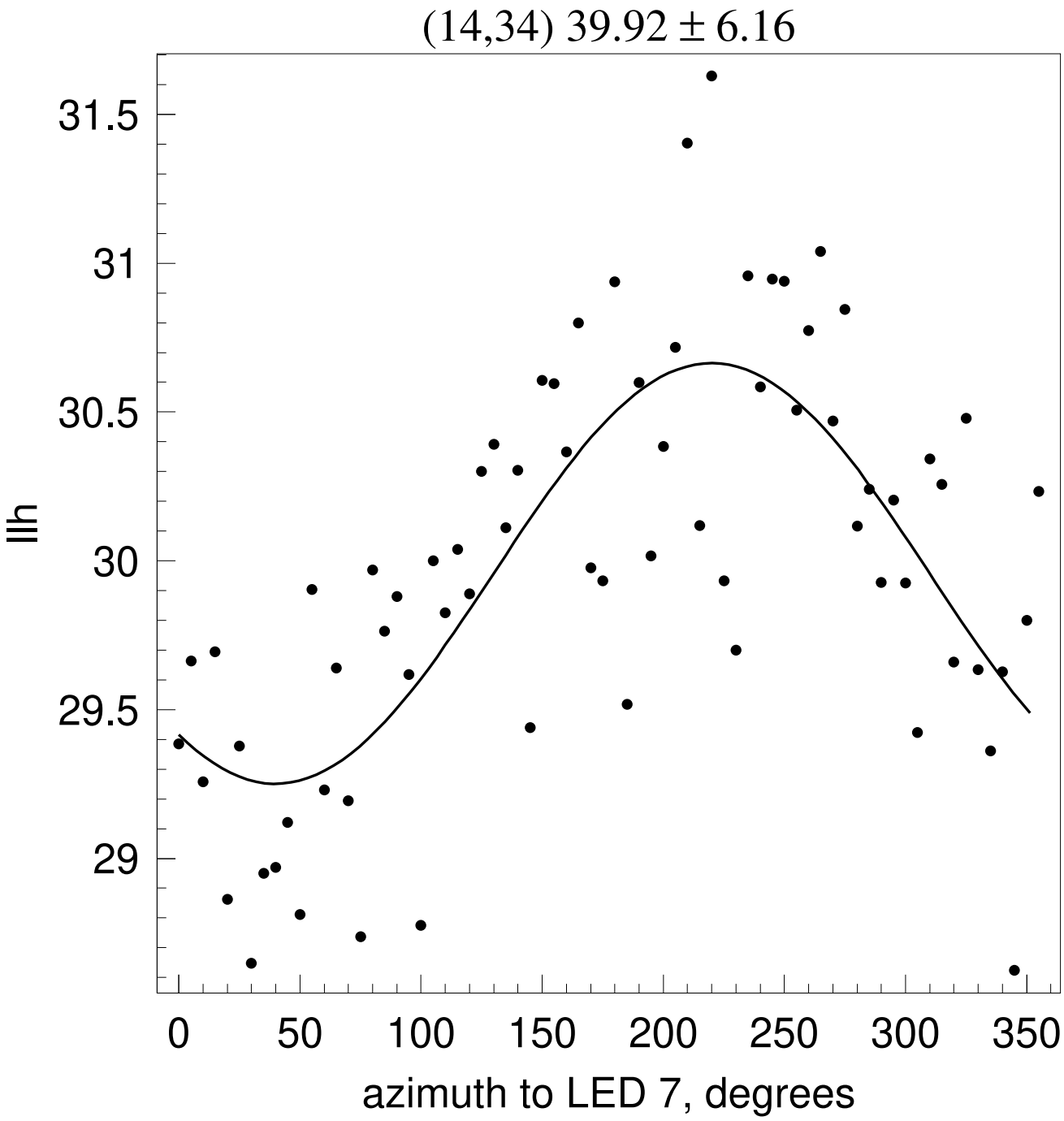

(14,29) 314.65 ± 0.28
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

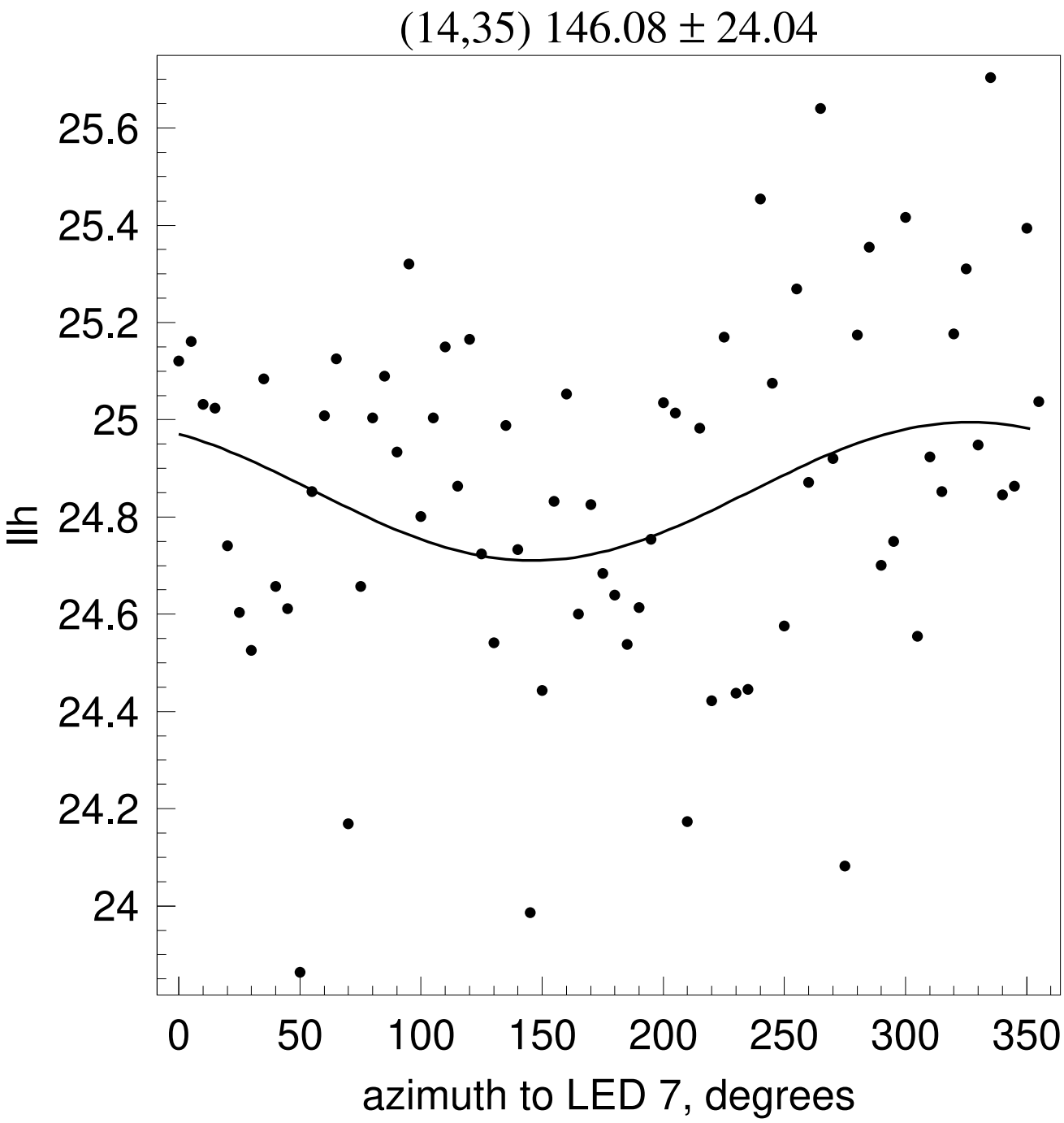

(14,30) 309.40 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

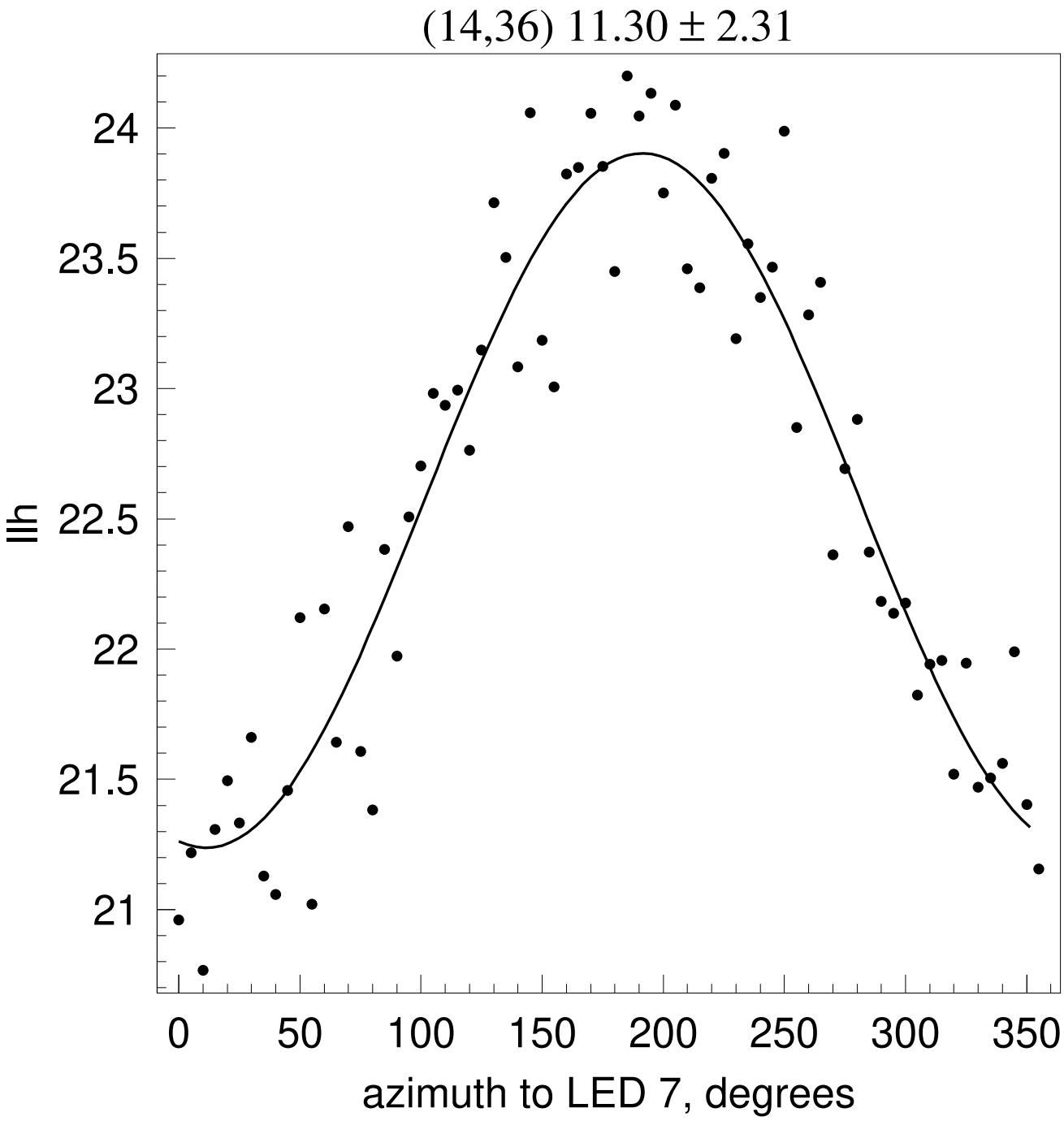

(14,31) 165.98 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

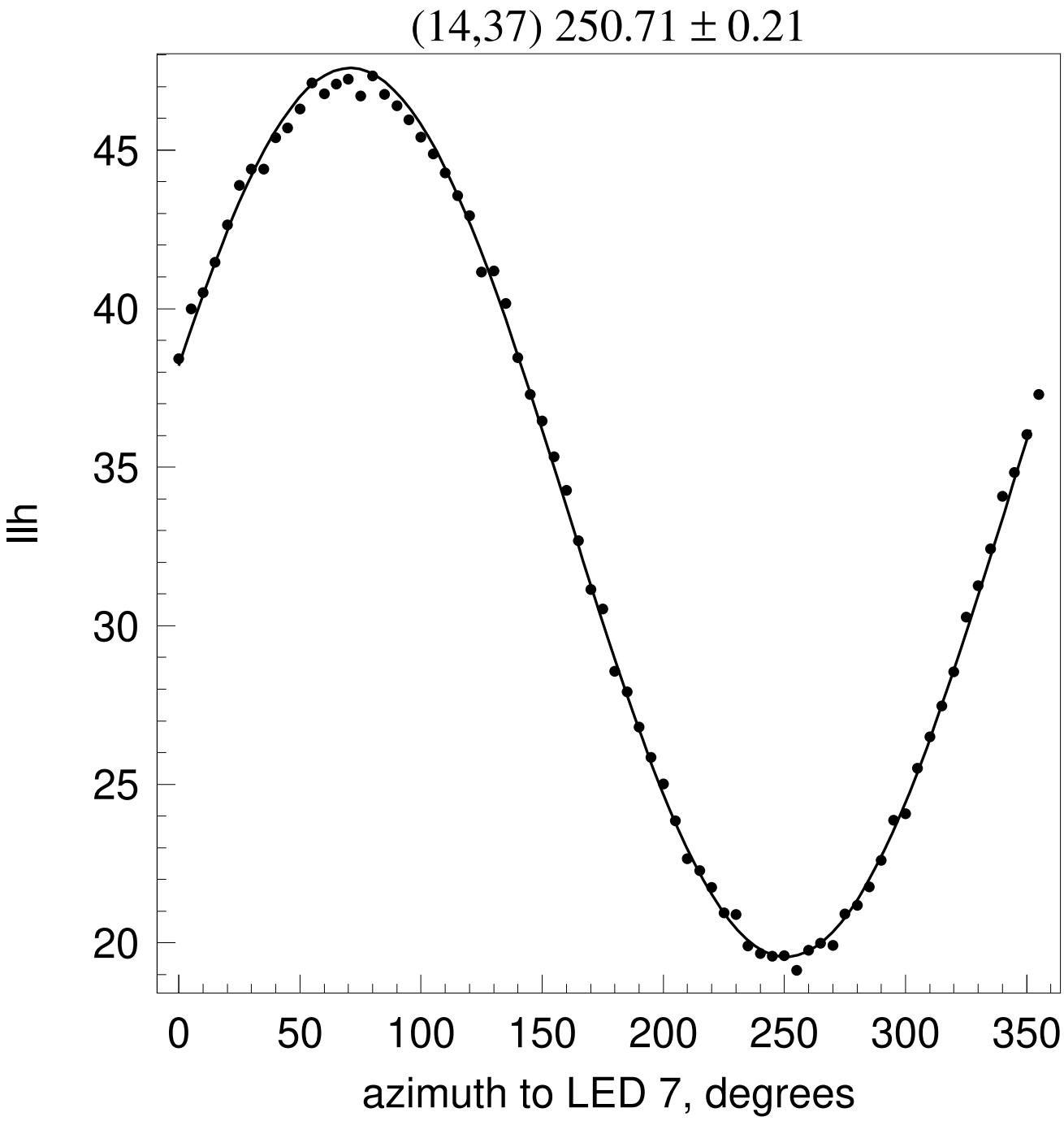

(14,32) 198.94 ± 0.22
45
40
35
30
25
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

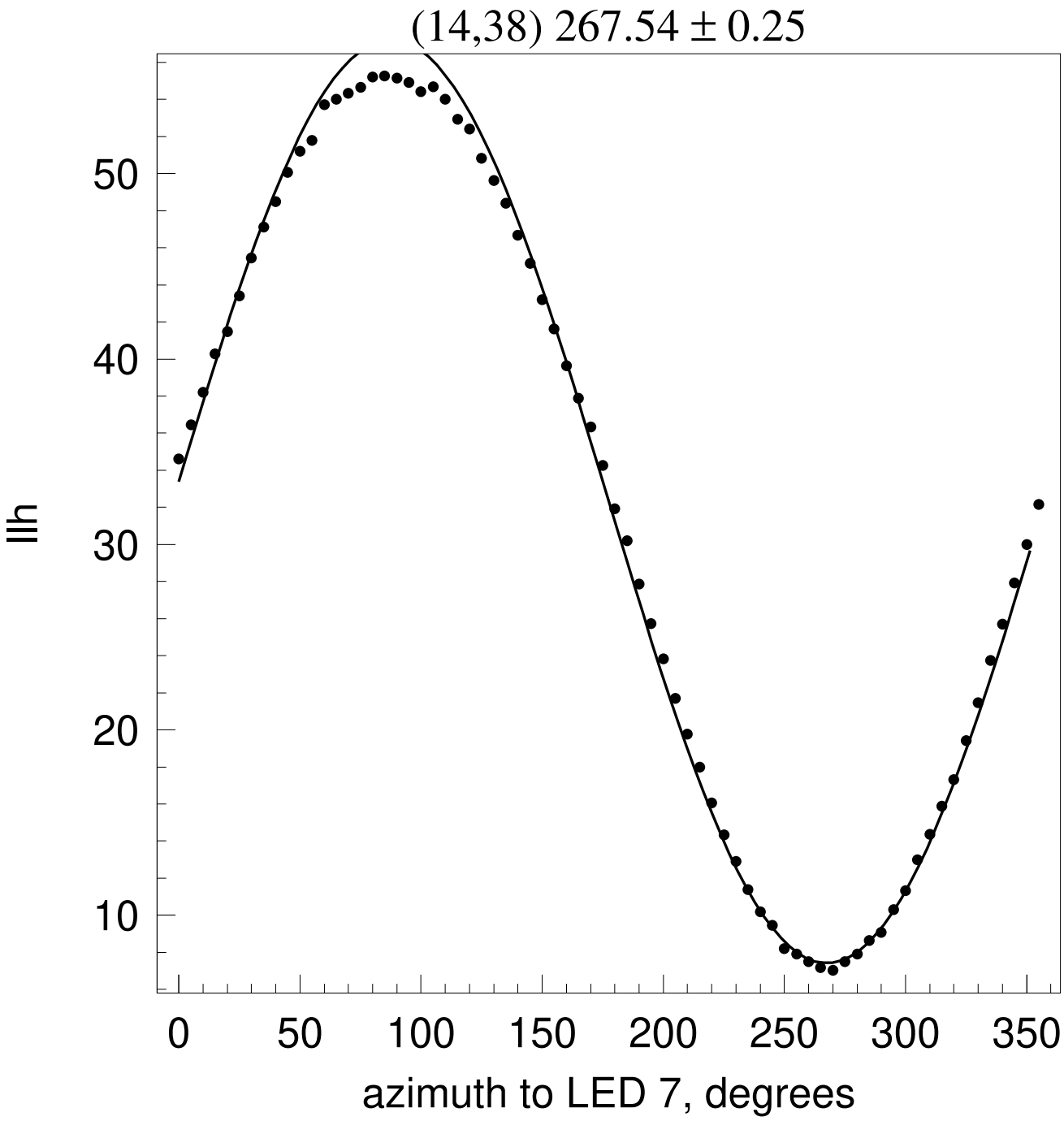

(14,33) 68.44 ± 0.55
40
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

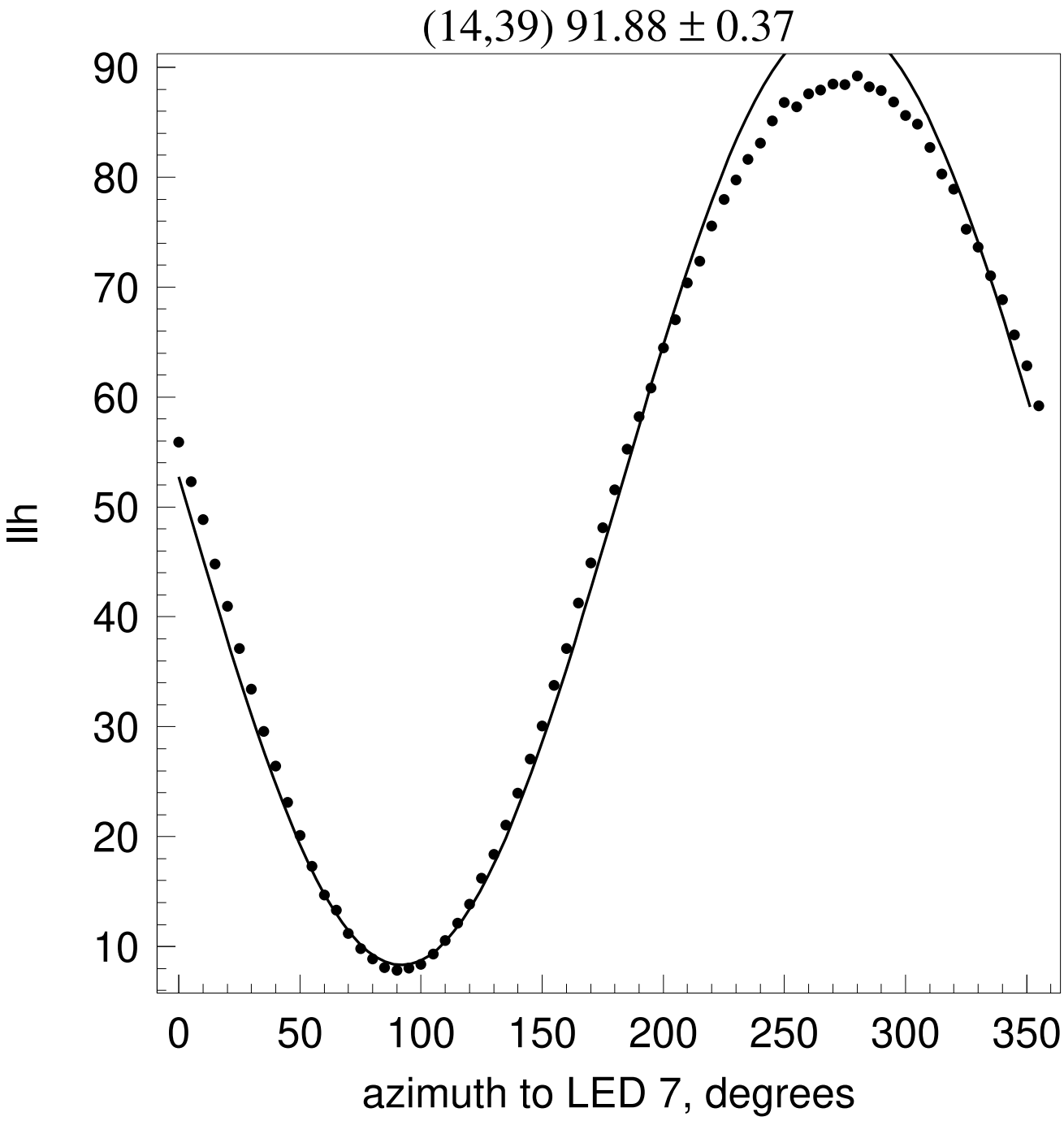

(14,34) 39.92 ± 6.16
31.5
31
30.5
30
29.5
29
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

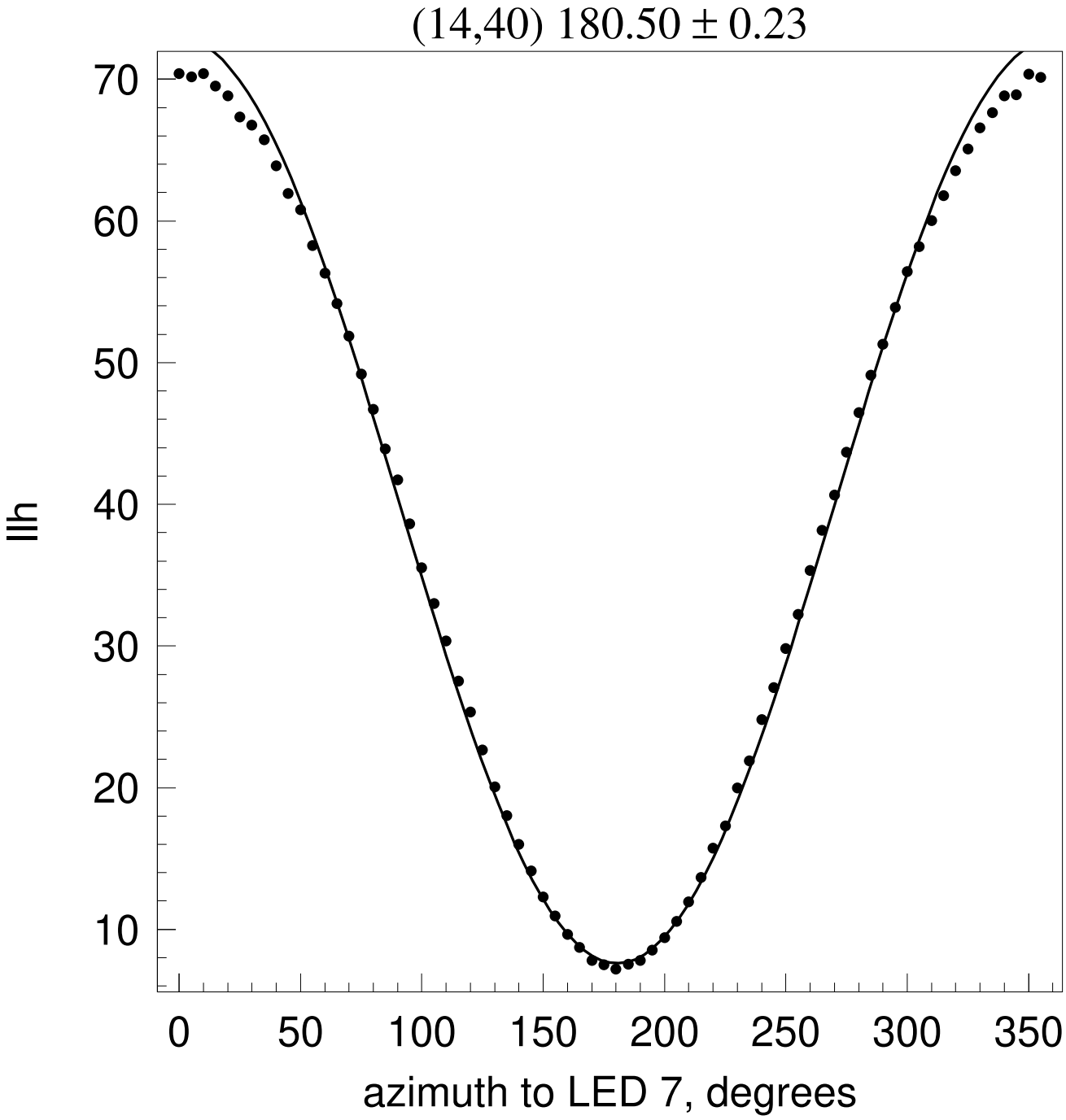

(14,35) 146.08 ± 24.04
25.6
25.4
25.2
25
24.8
24.6
24.4
24.2
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

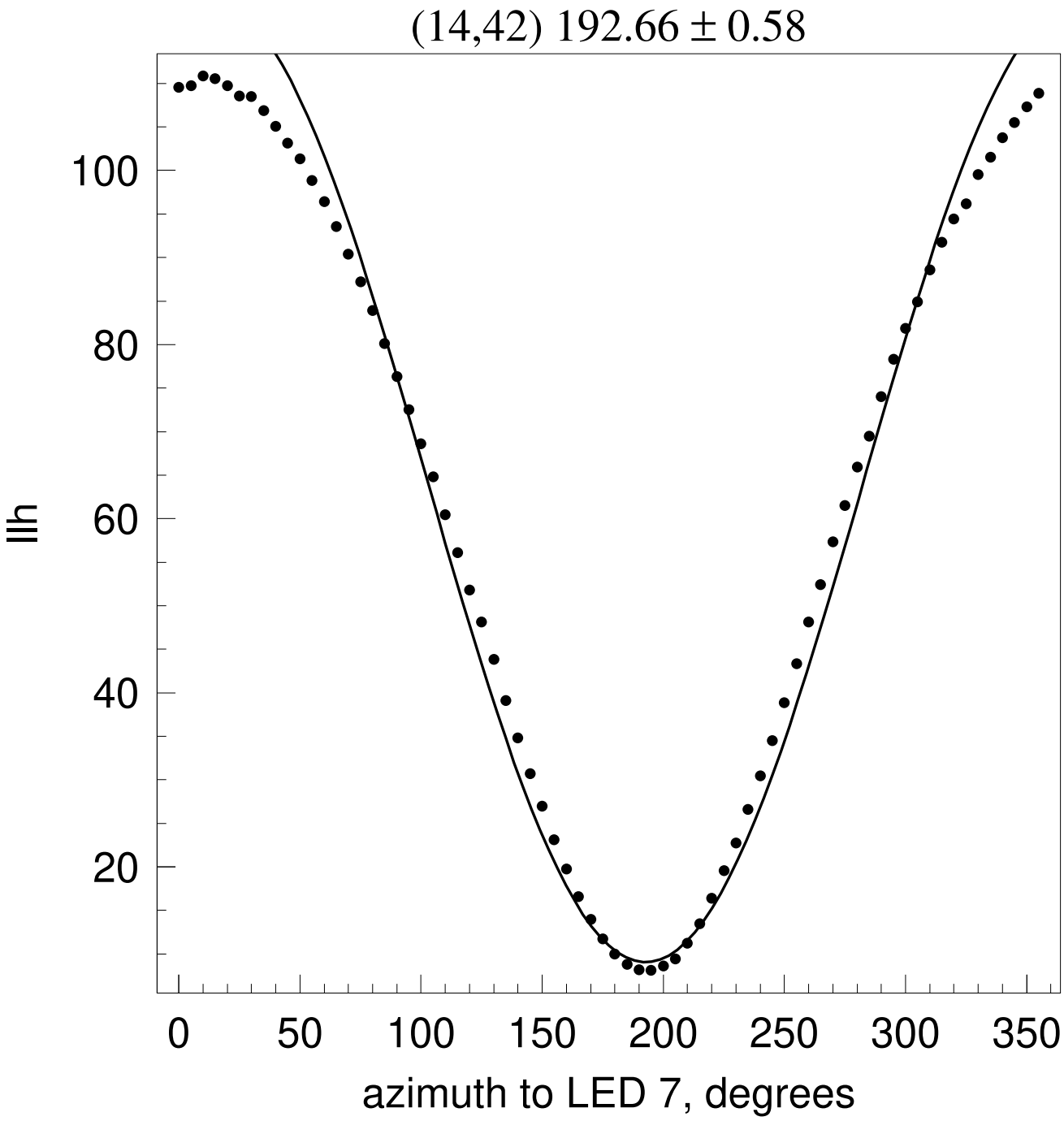

(14,36) 11.30 ± 2.31
24
23.5
23
22.5
22
21.5
21
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

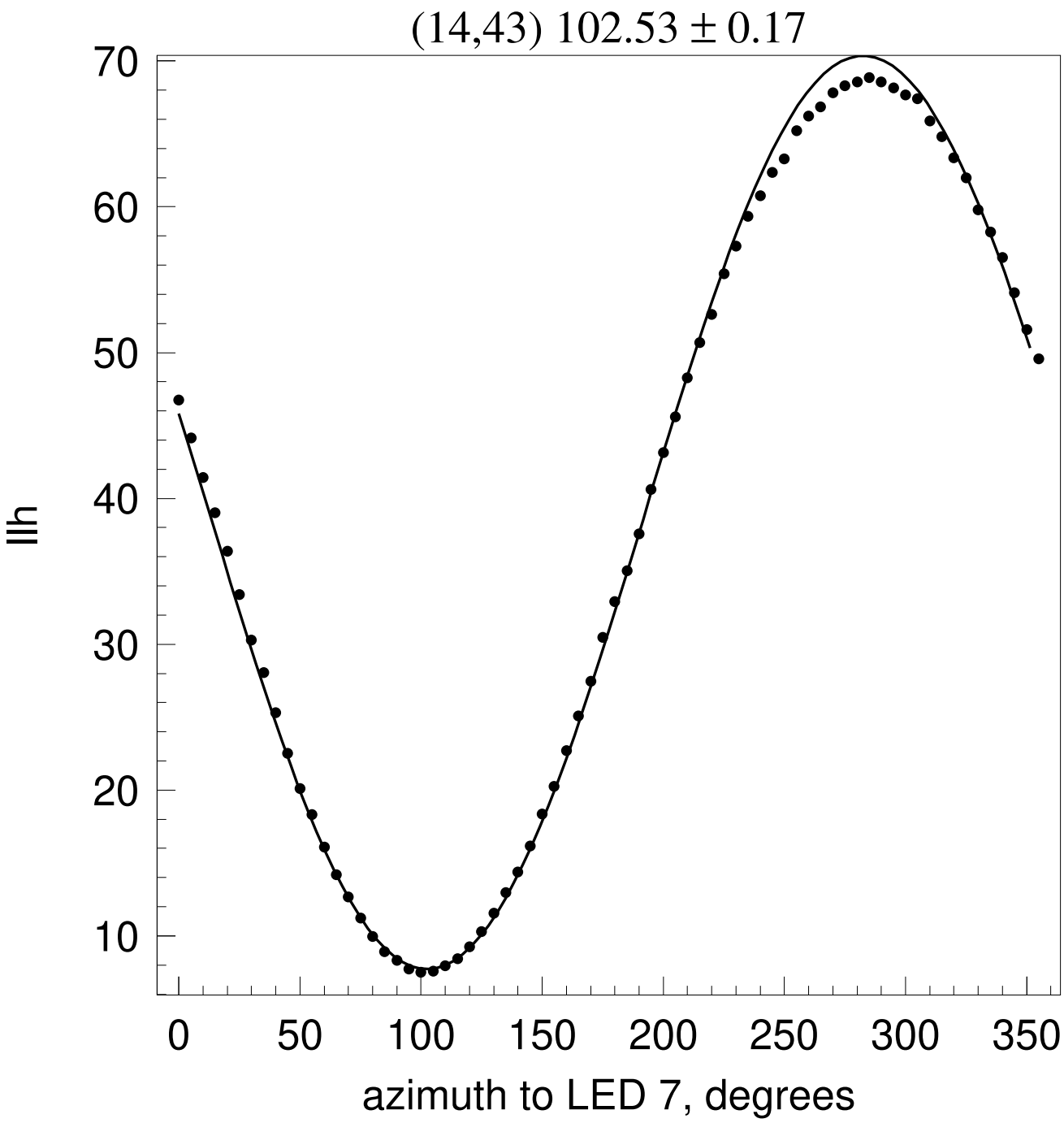

(14,37) 250.71 ± 0.21
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

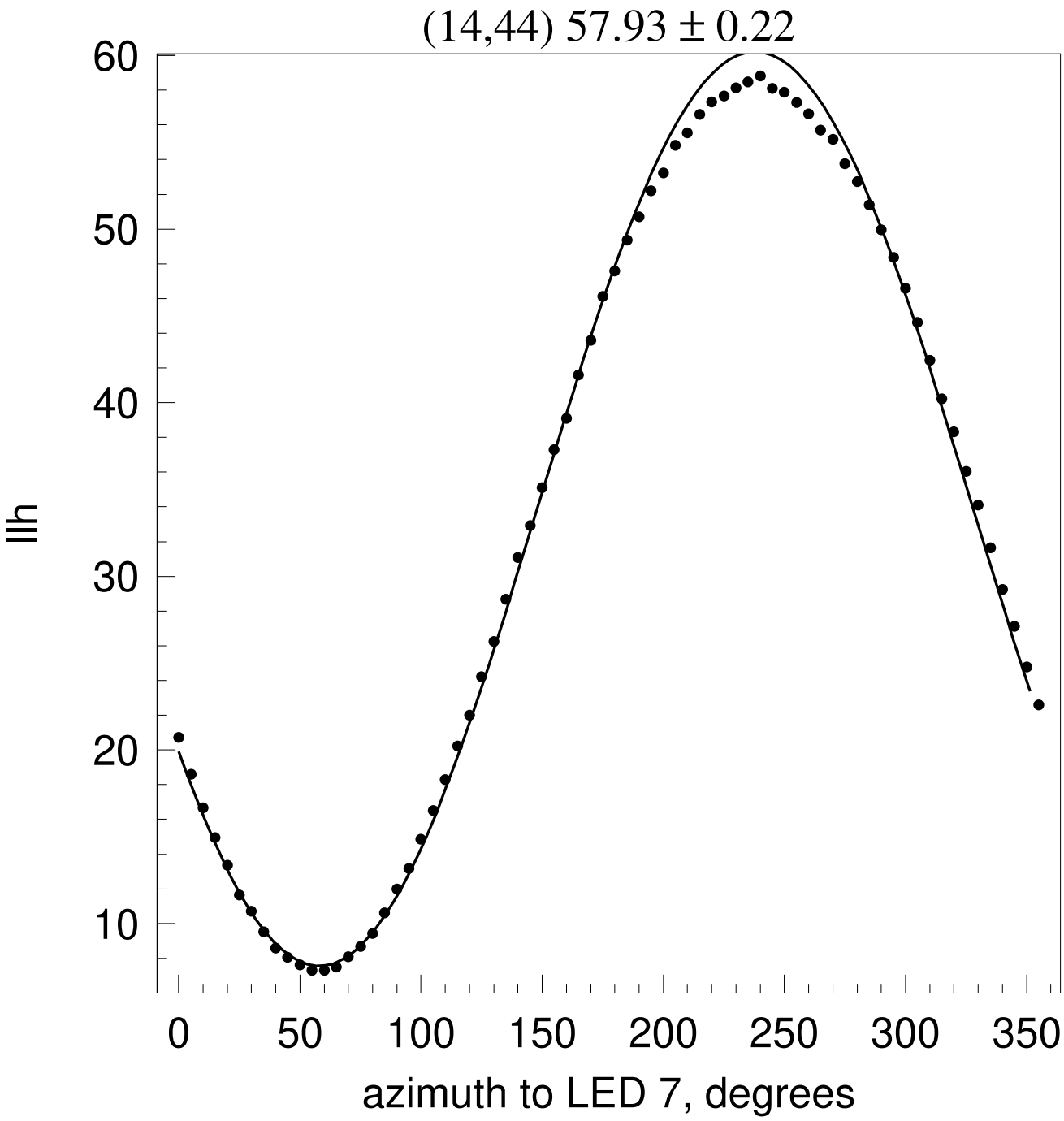

(14,38) 267.54 ± 0.25
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

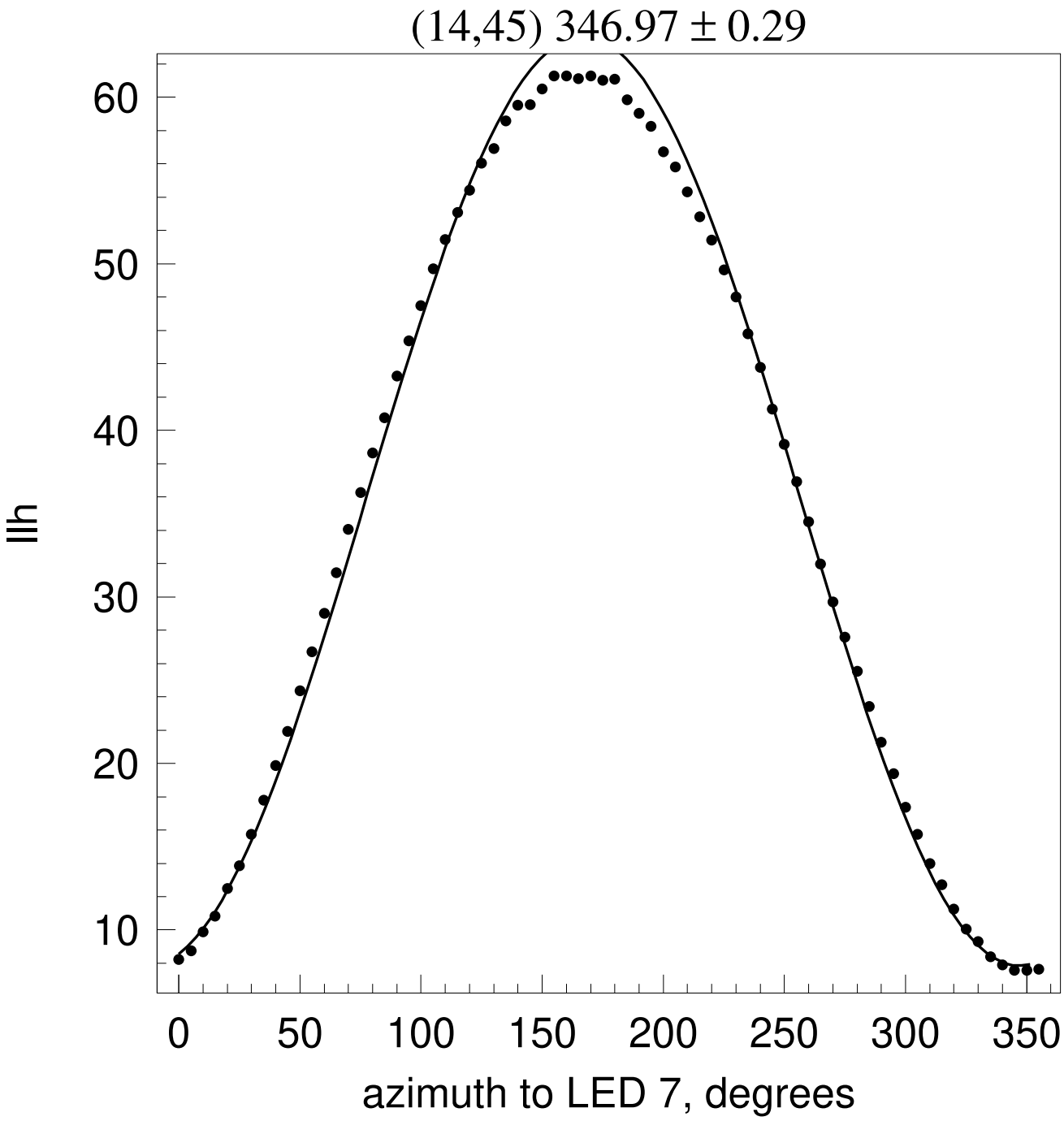

(14,39) 91.88 ± 0.37
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

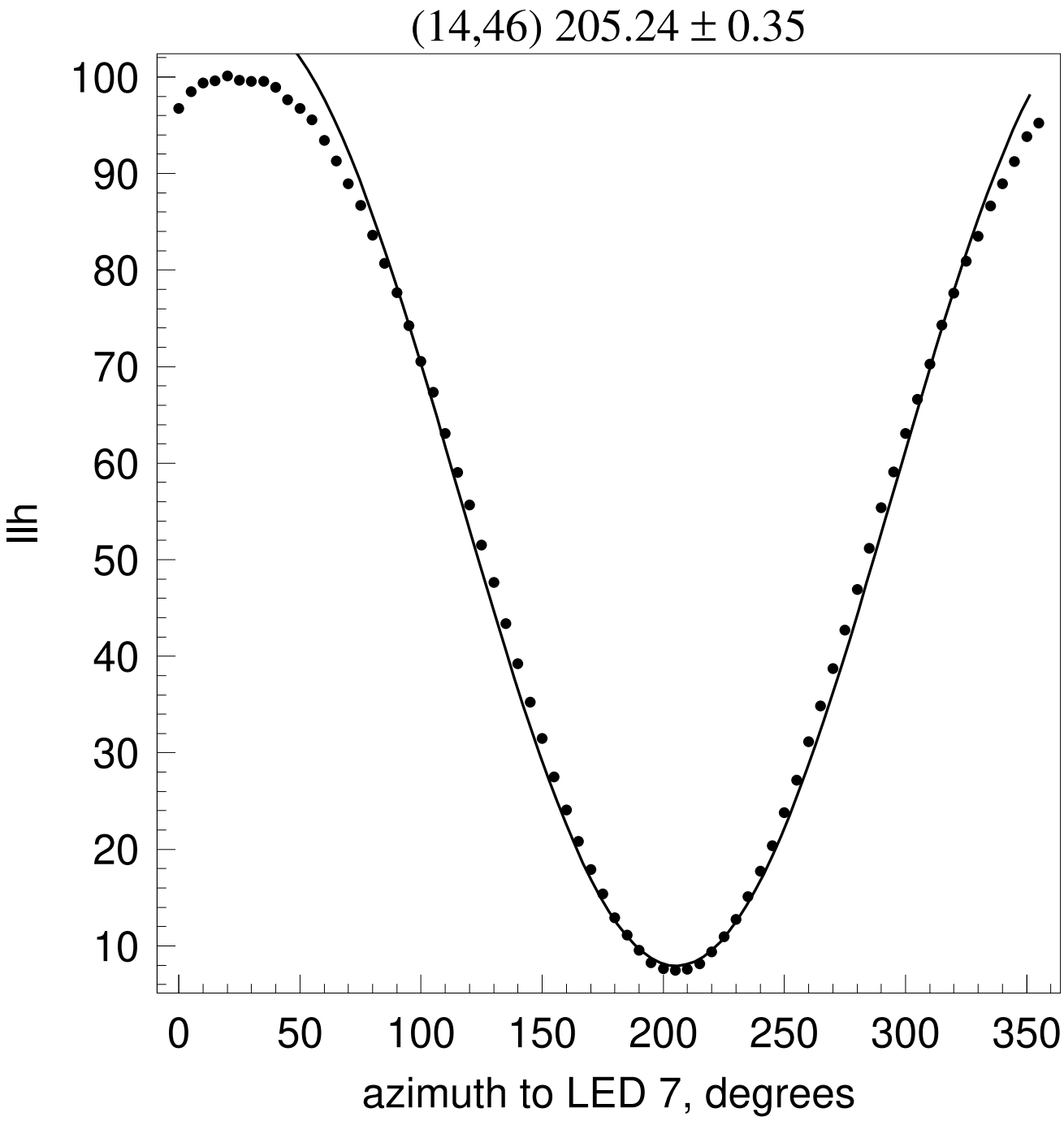

(14,40) 180.50 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

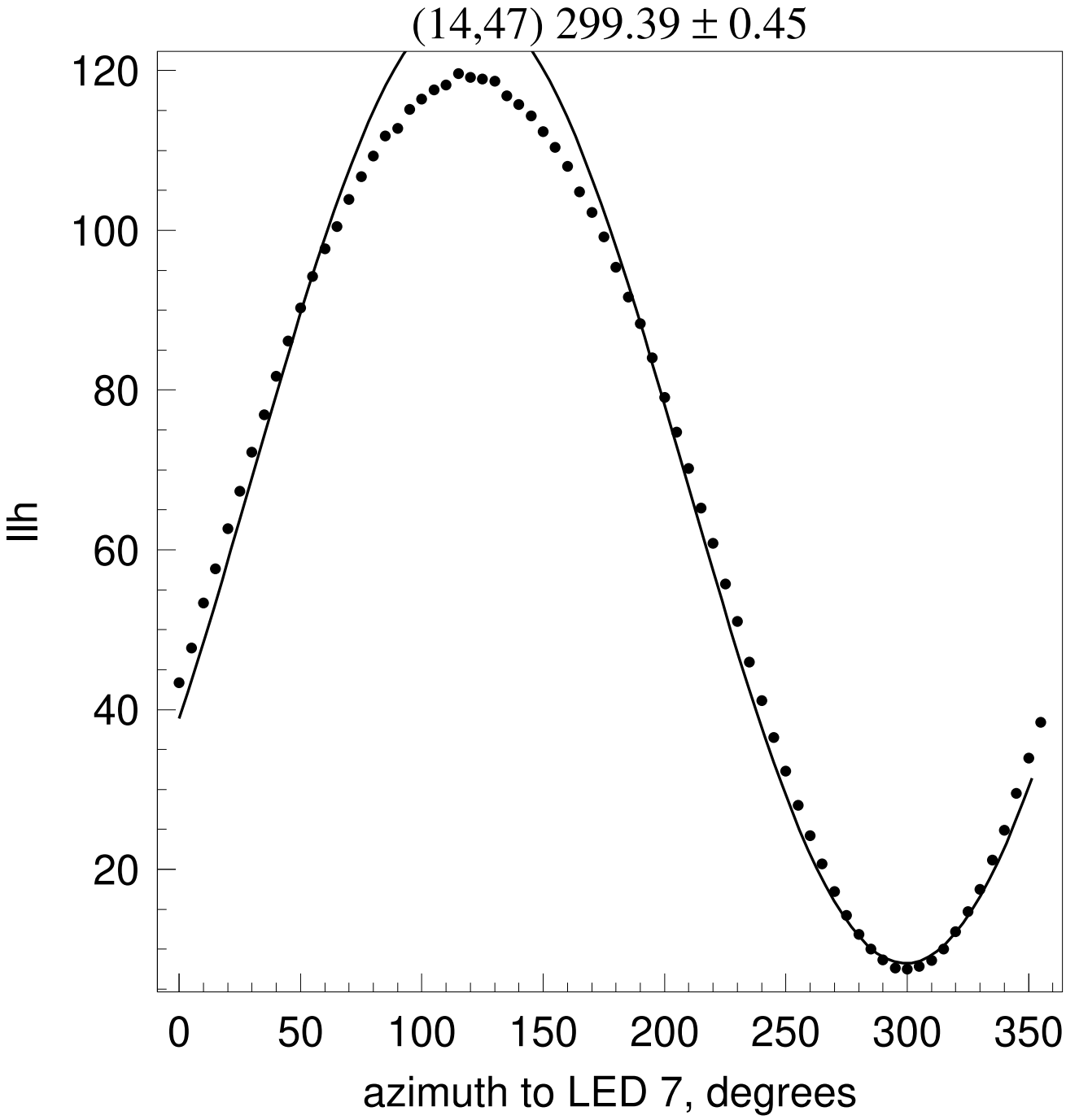

(14,42) 192.66 ± 0.58
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

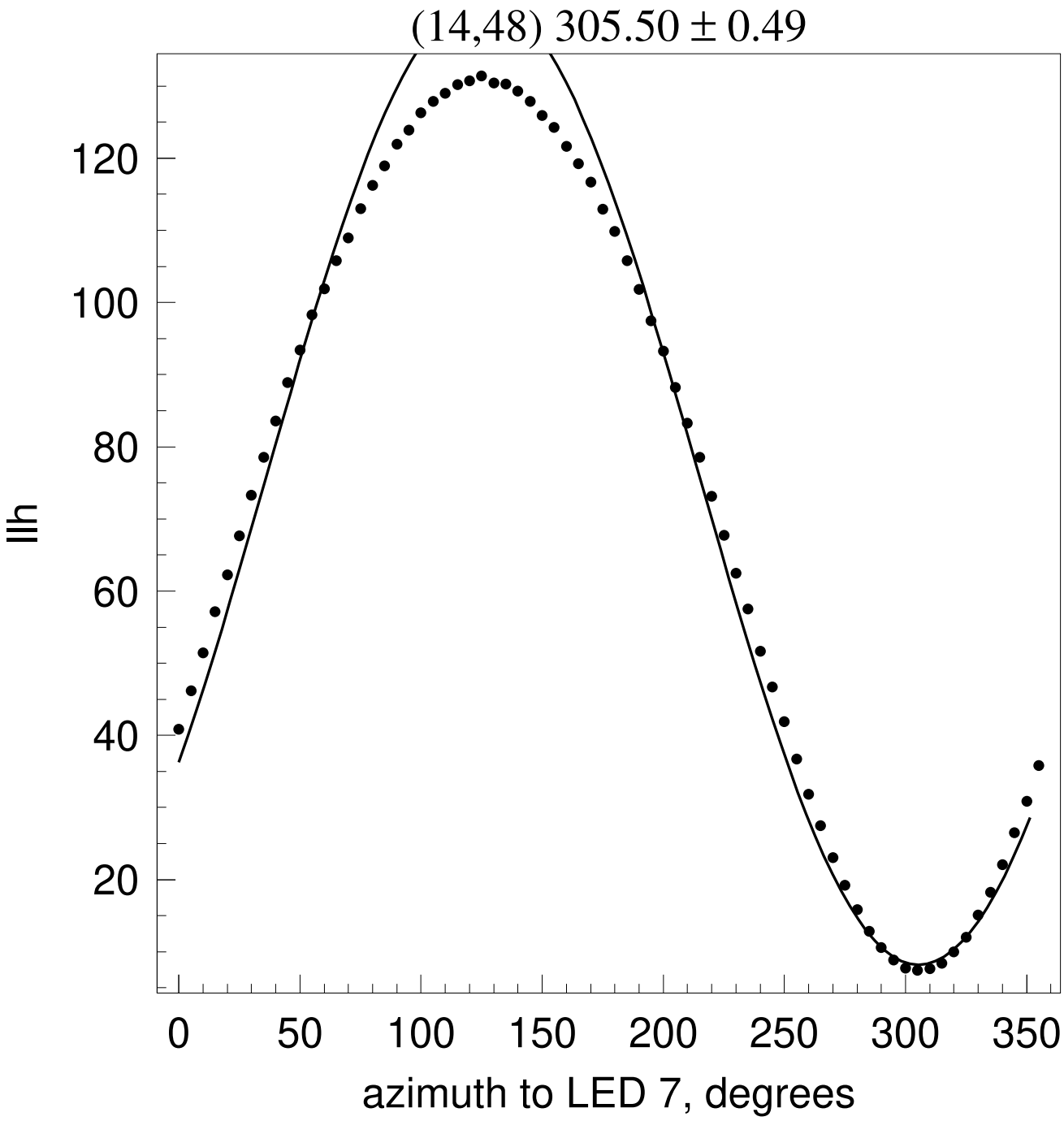

(14,43) 102.53 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

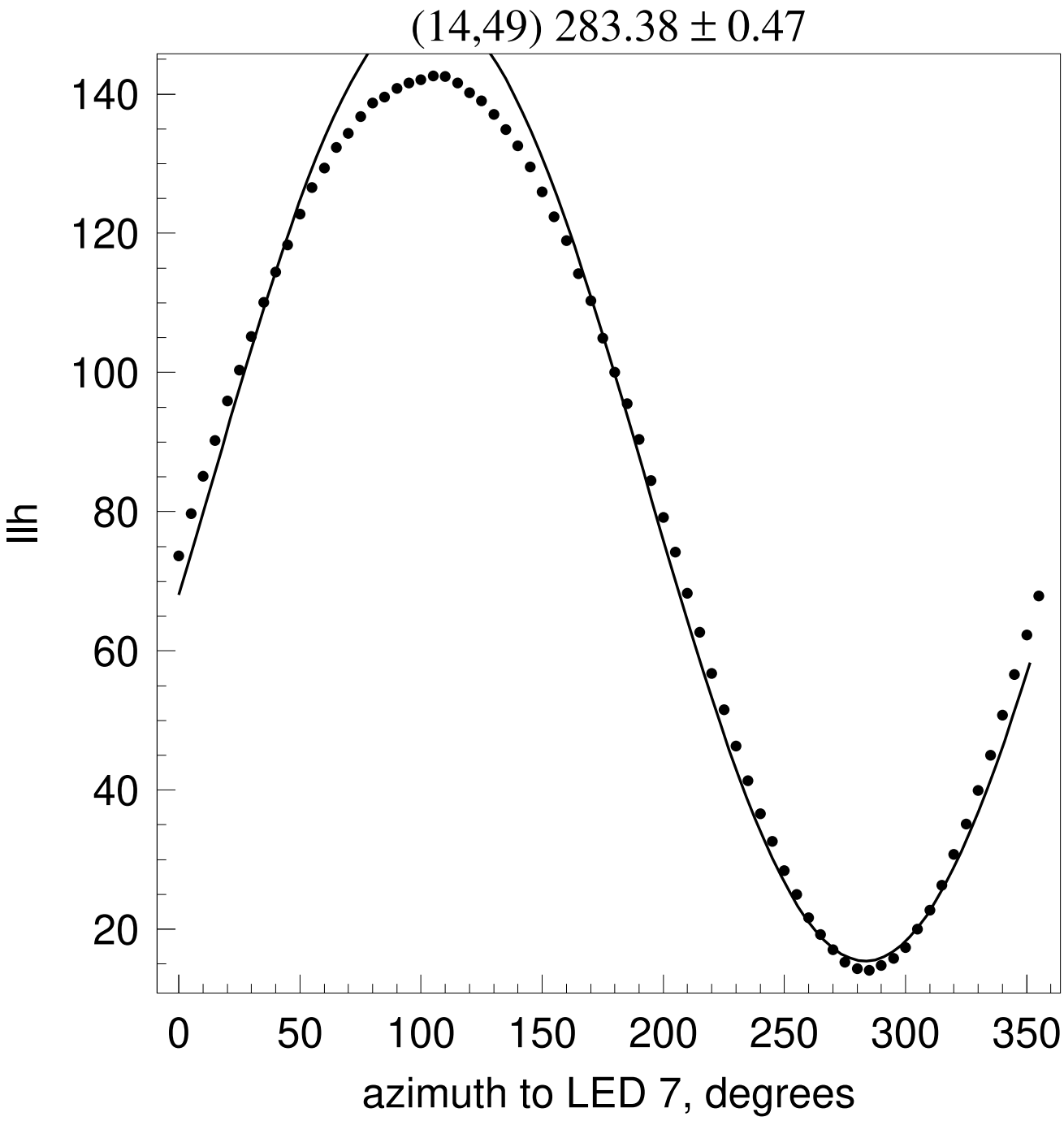

(14,44) 57.93 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

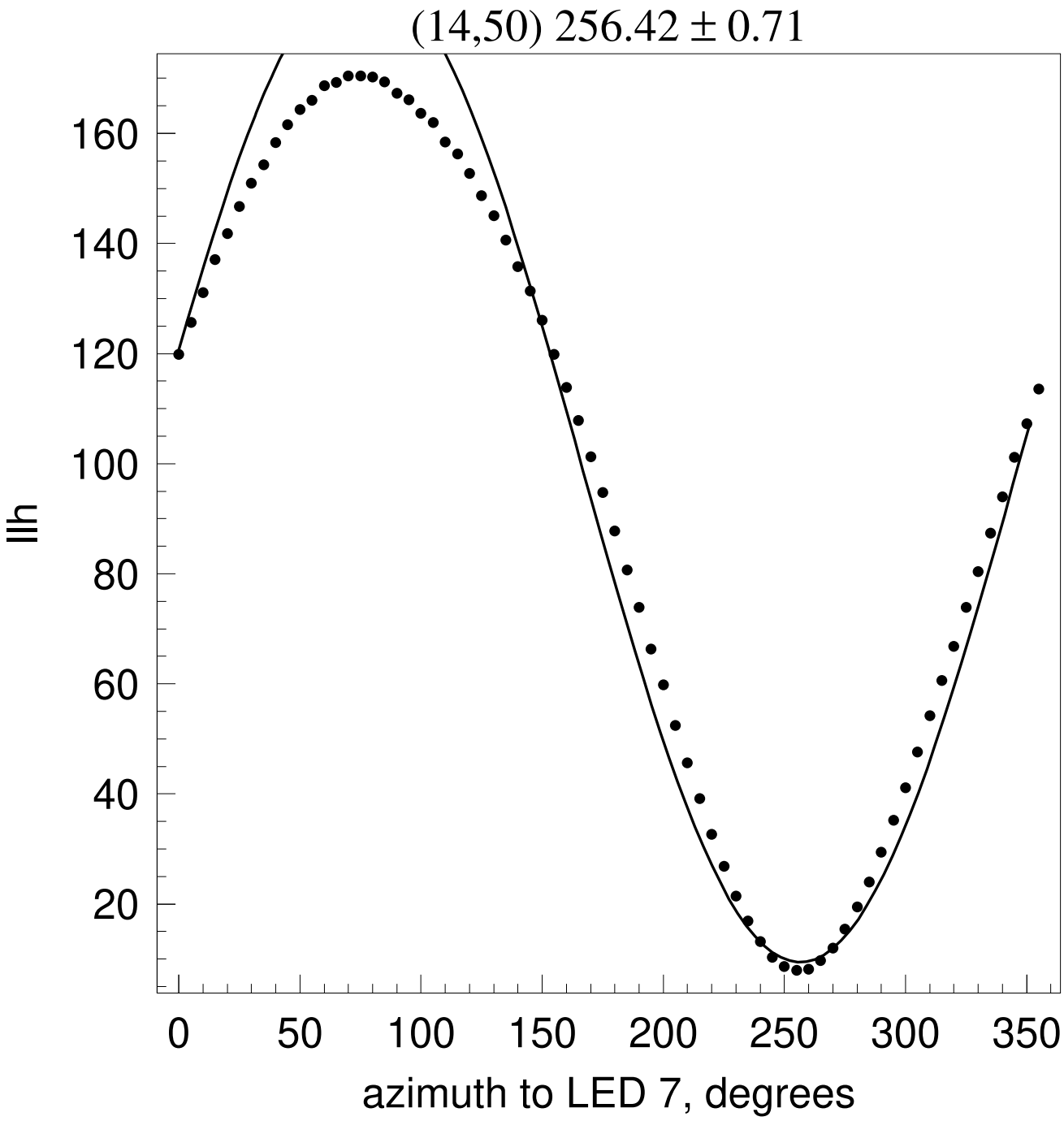

(14,45) 346.97 ± 0.29
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

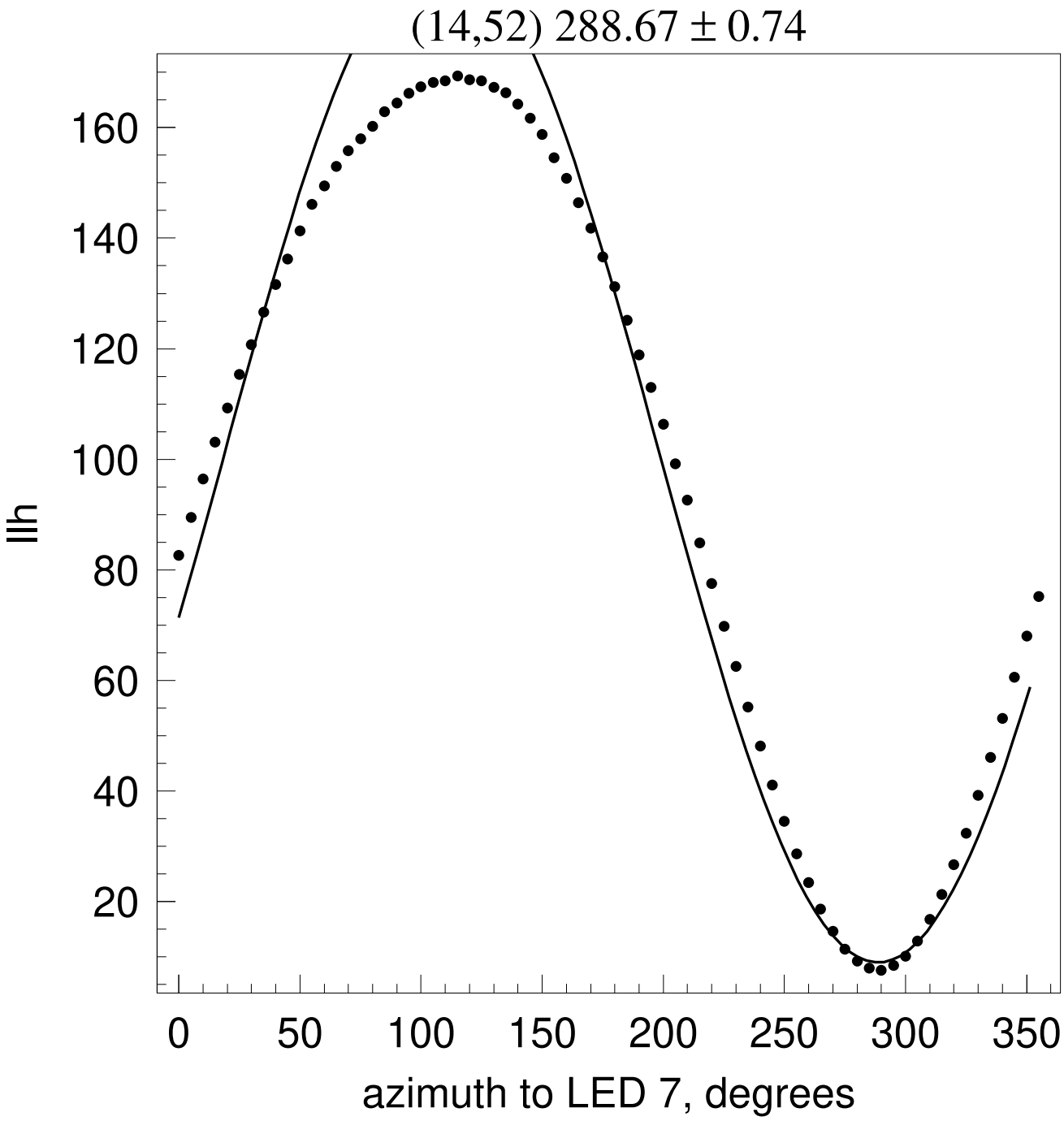

(14,46) 205.24 ± 0.35
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

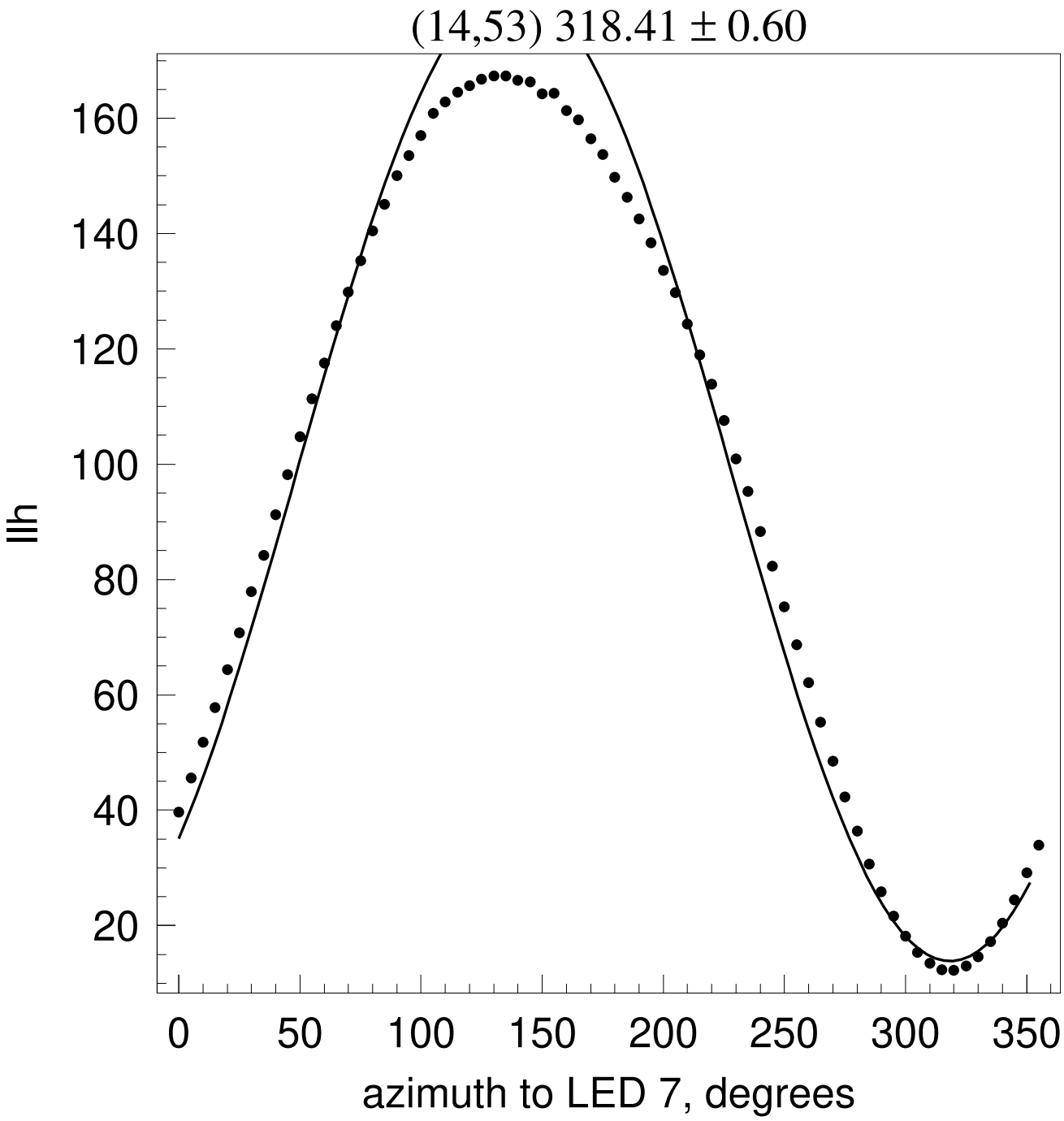

(14,47) 299.39 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

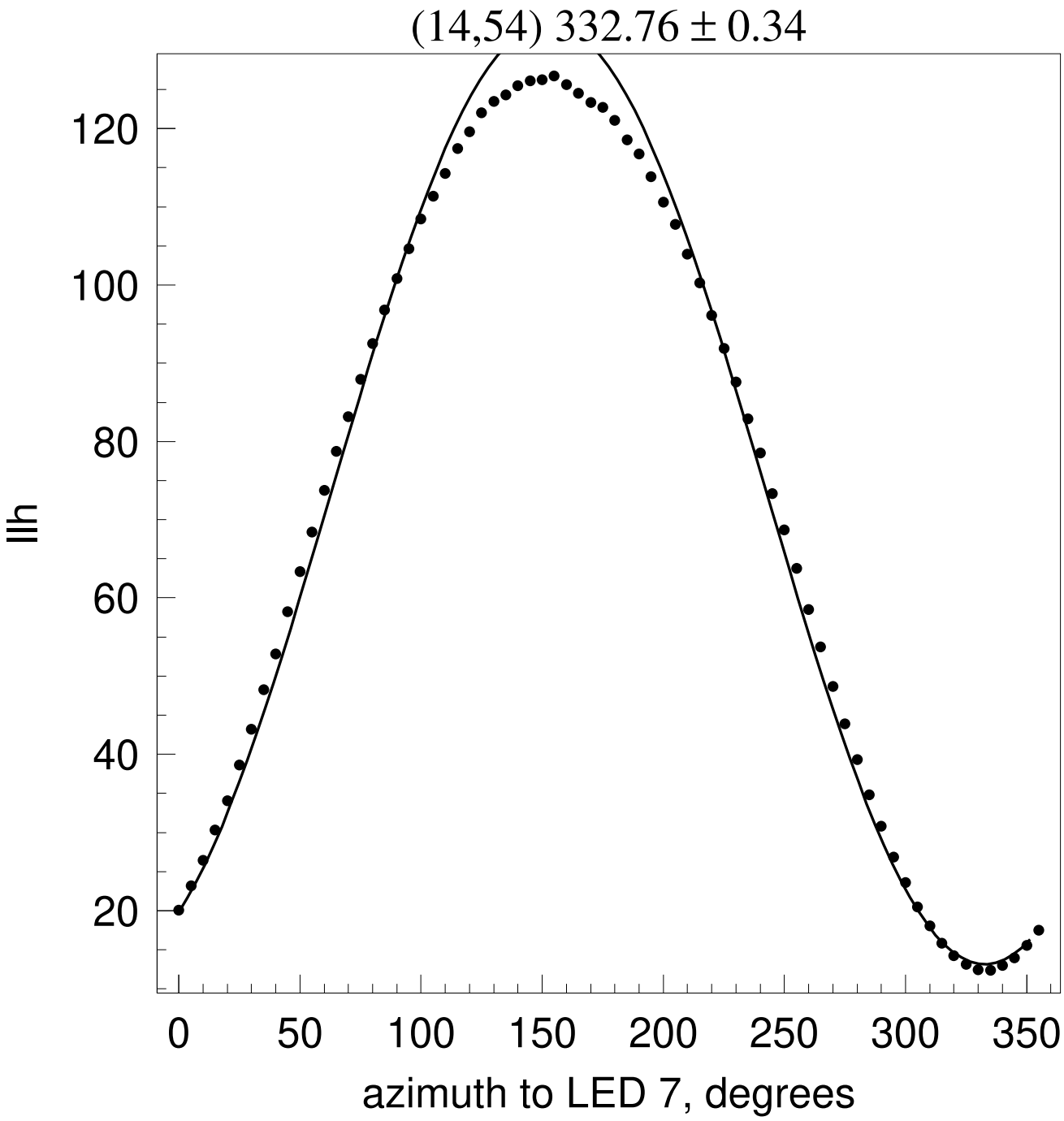

(14,48) 305.50 ± 0.49
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

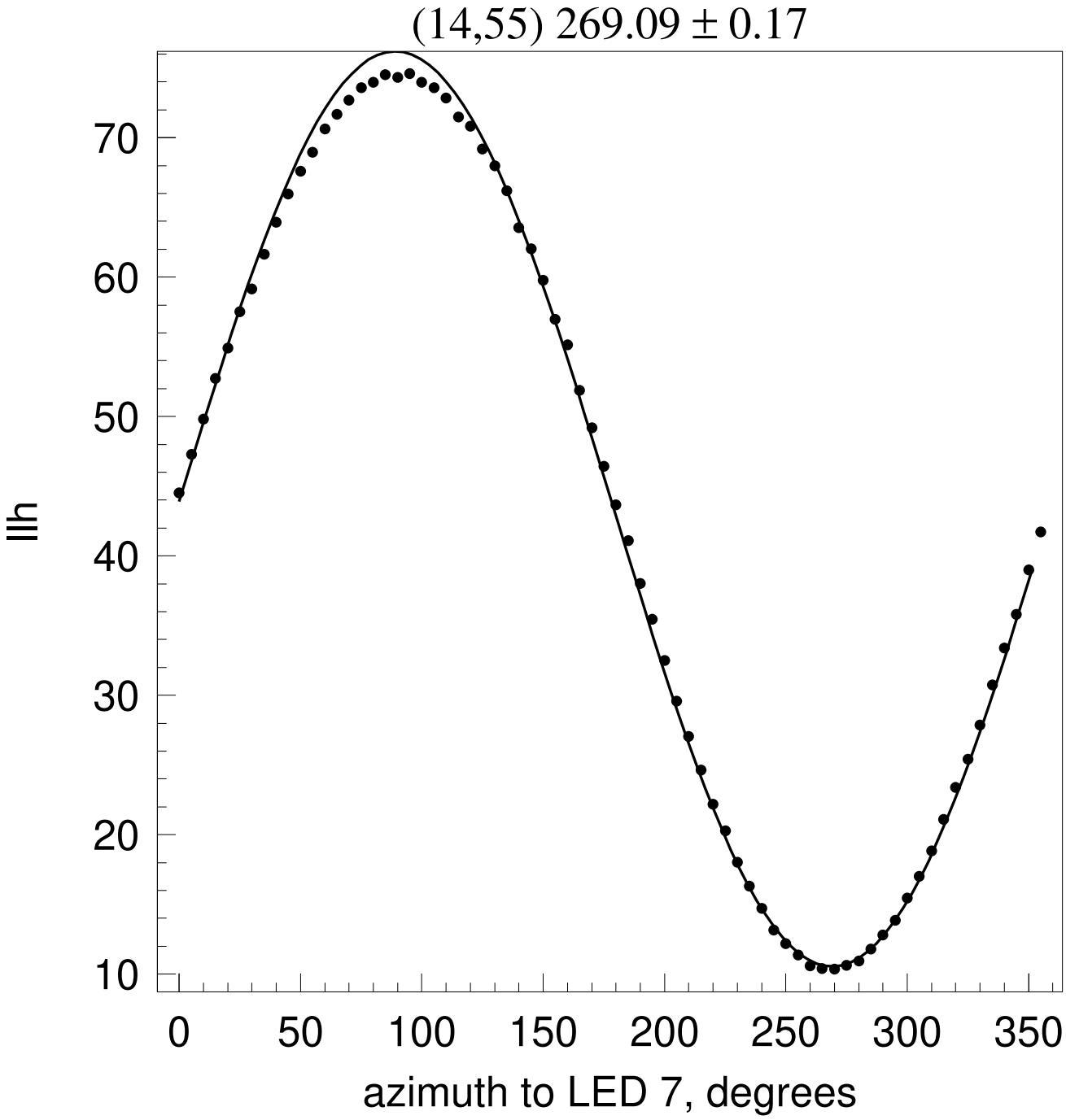

(14,49) 283.38 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

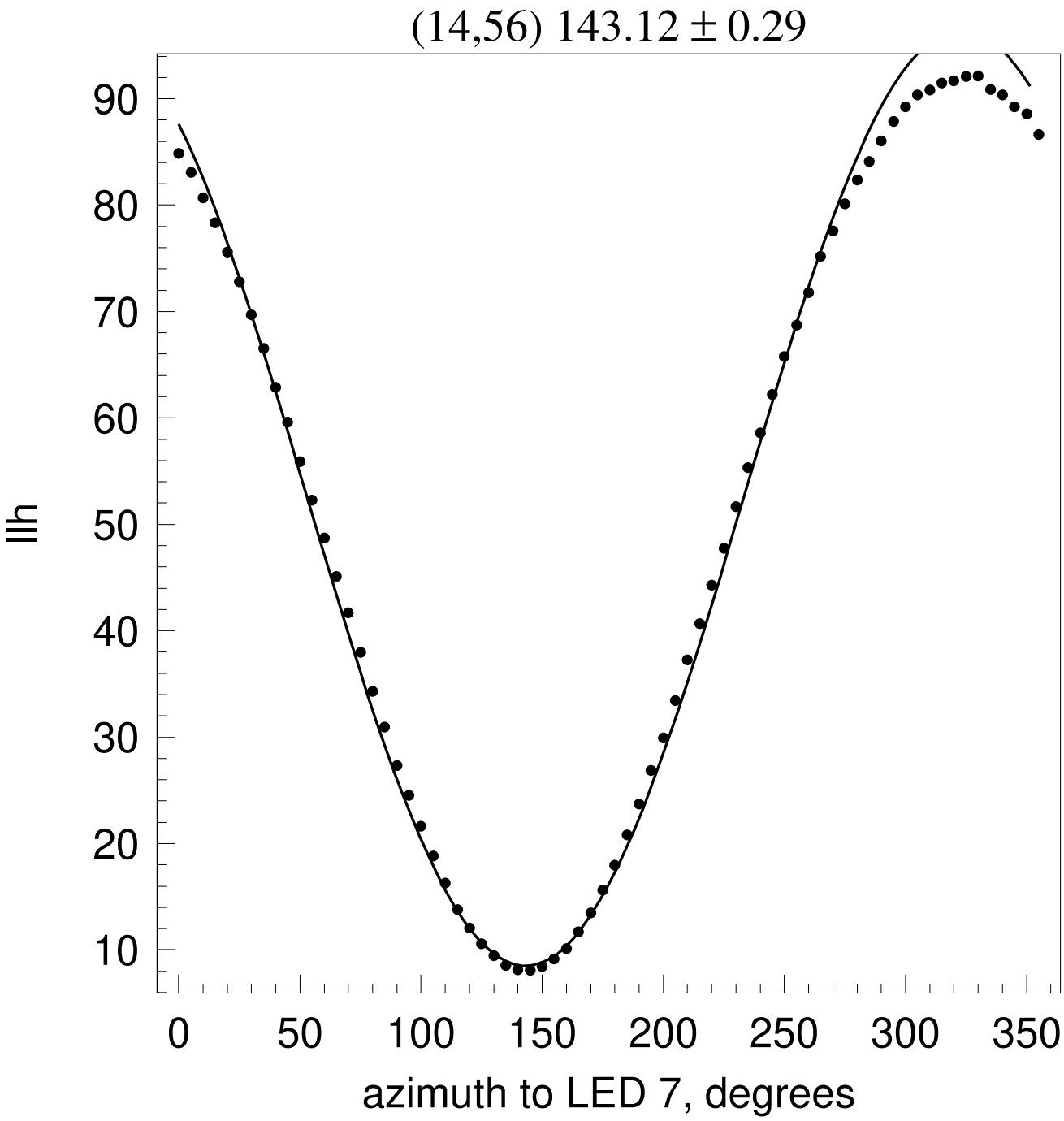

(14,50) 256.42 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

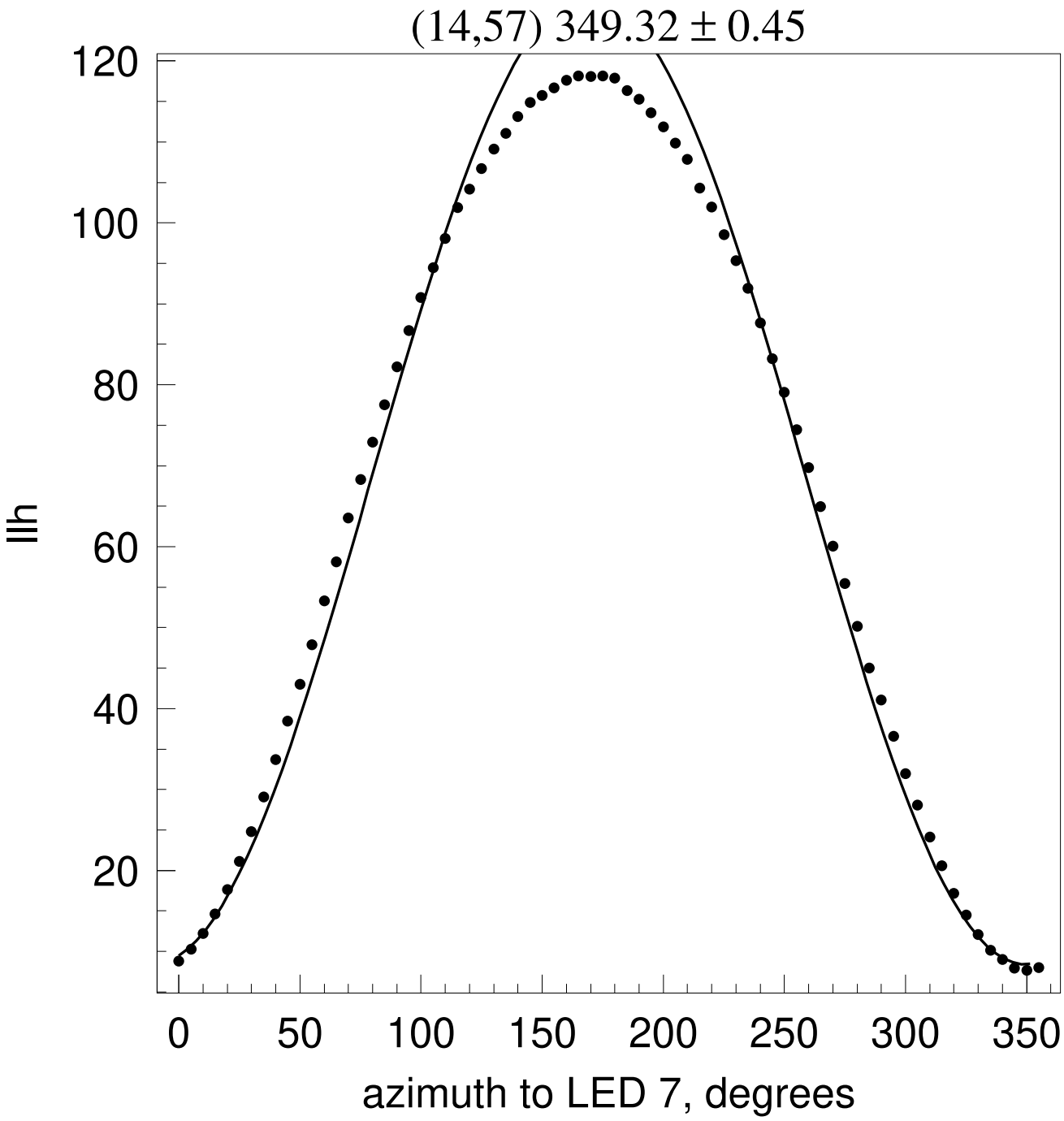

(14,52) 288.67 ± 0.74
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

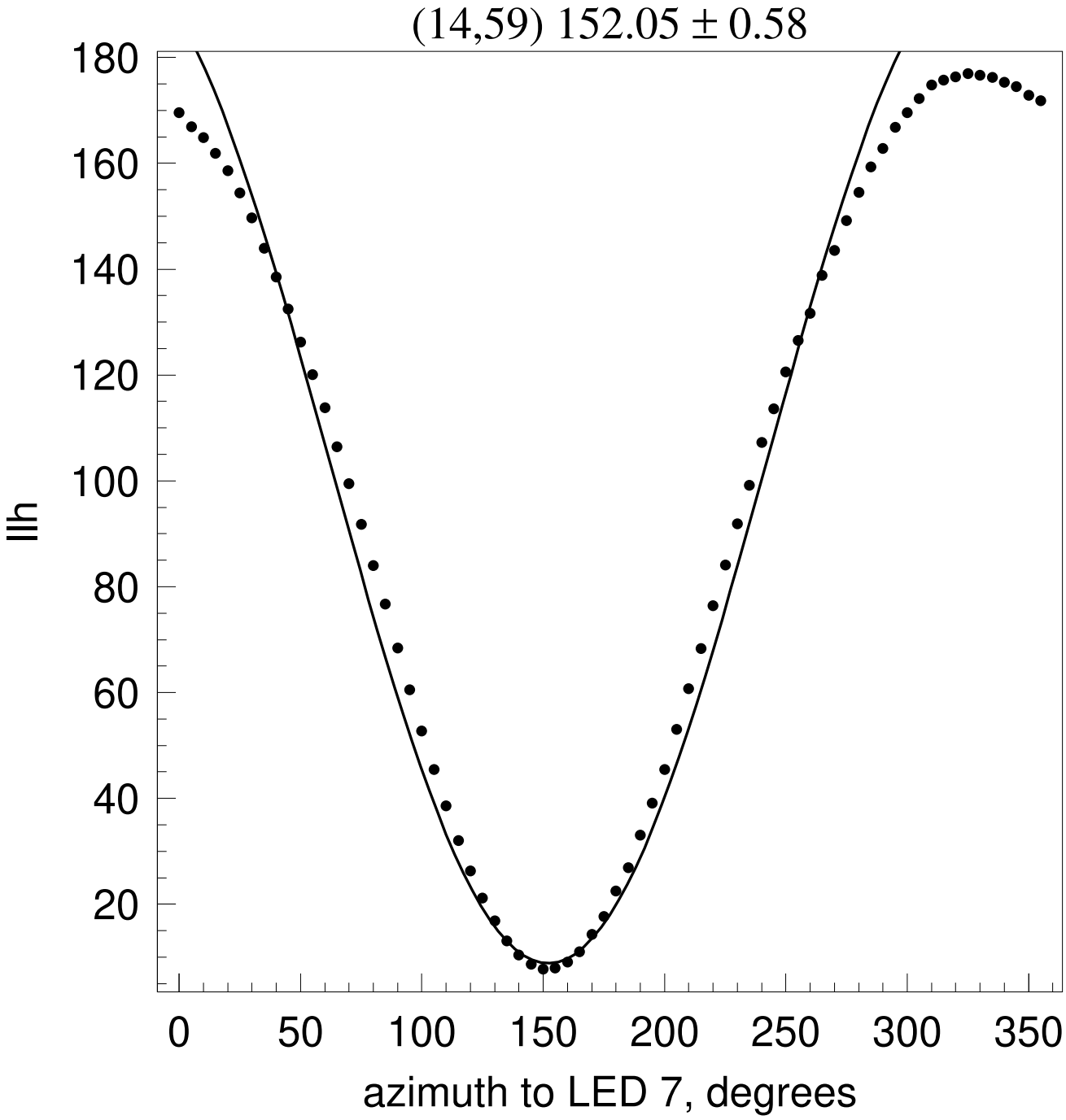

(14,53) 318.41 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

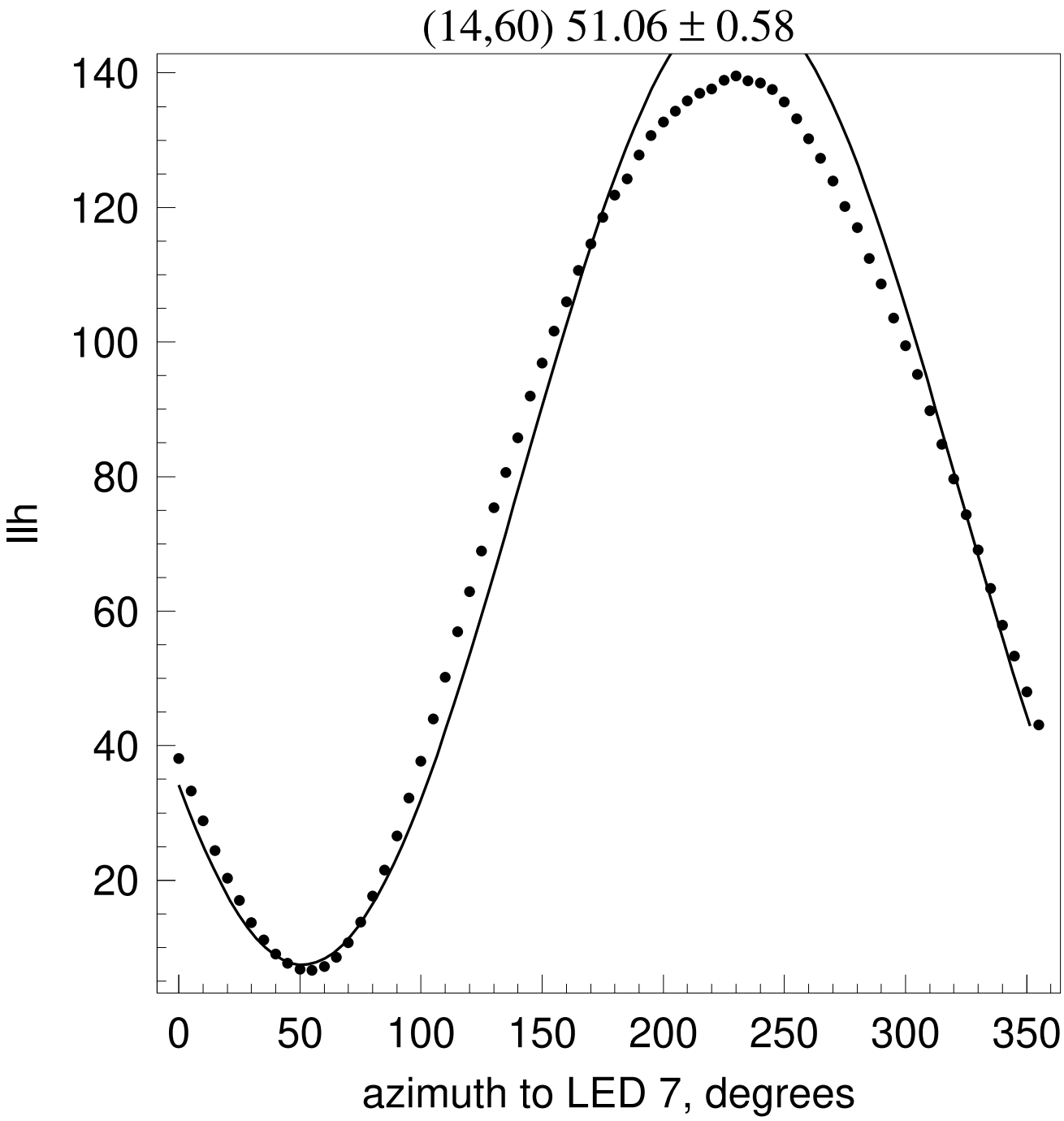

(14,54) 332.76 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

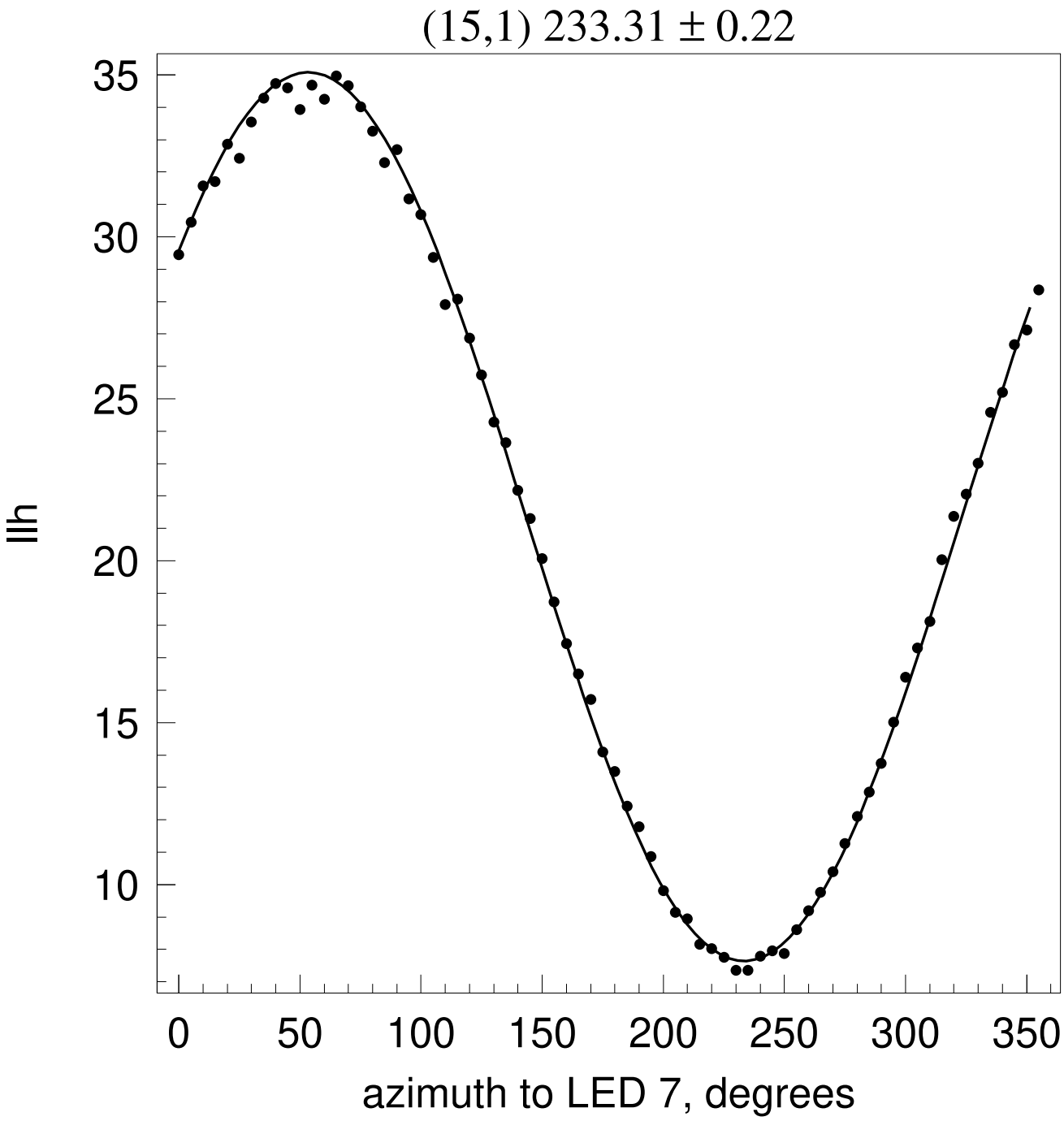

(14,55) 269.09 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

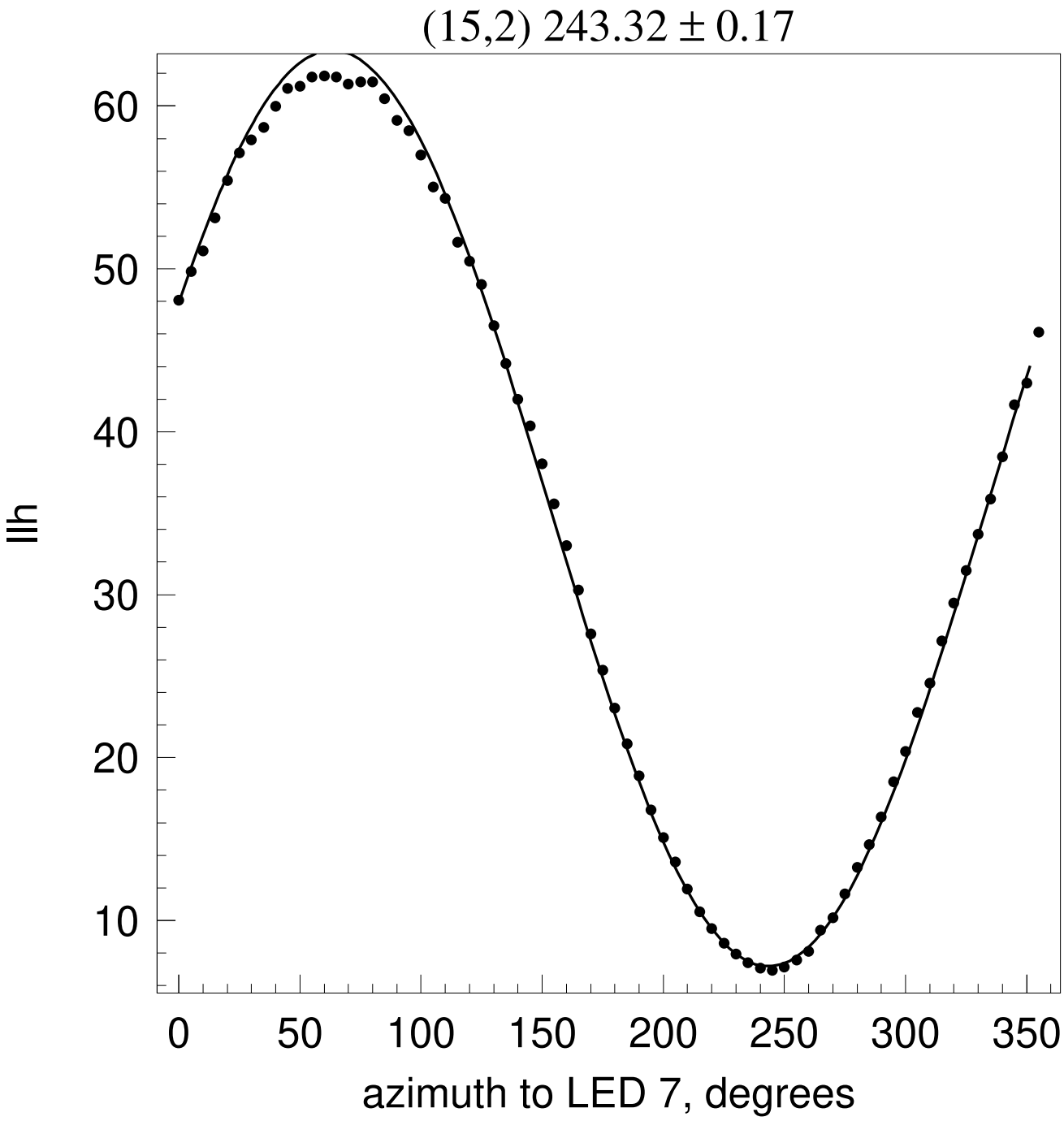

(14,56) 143.12 ± 0.29
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

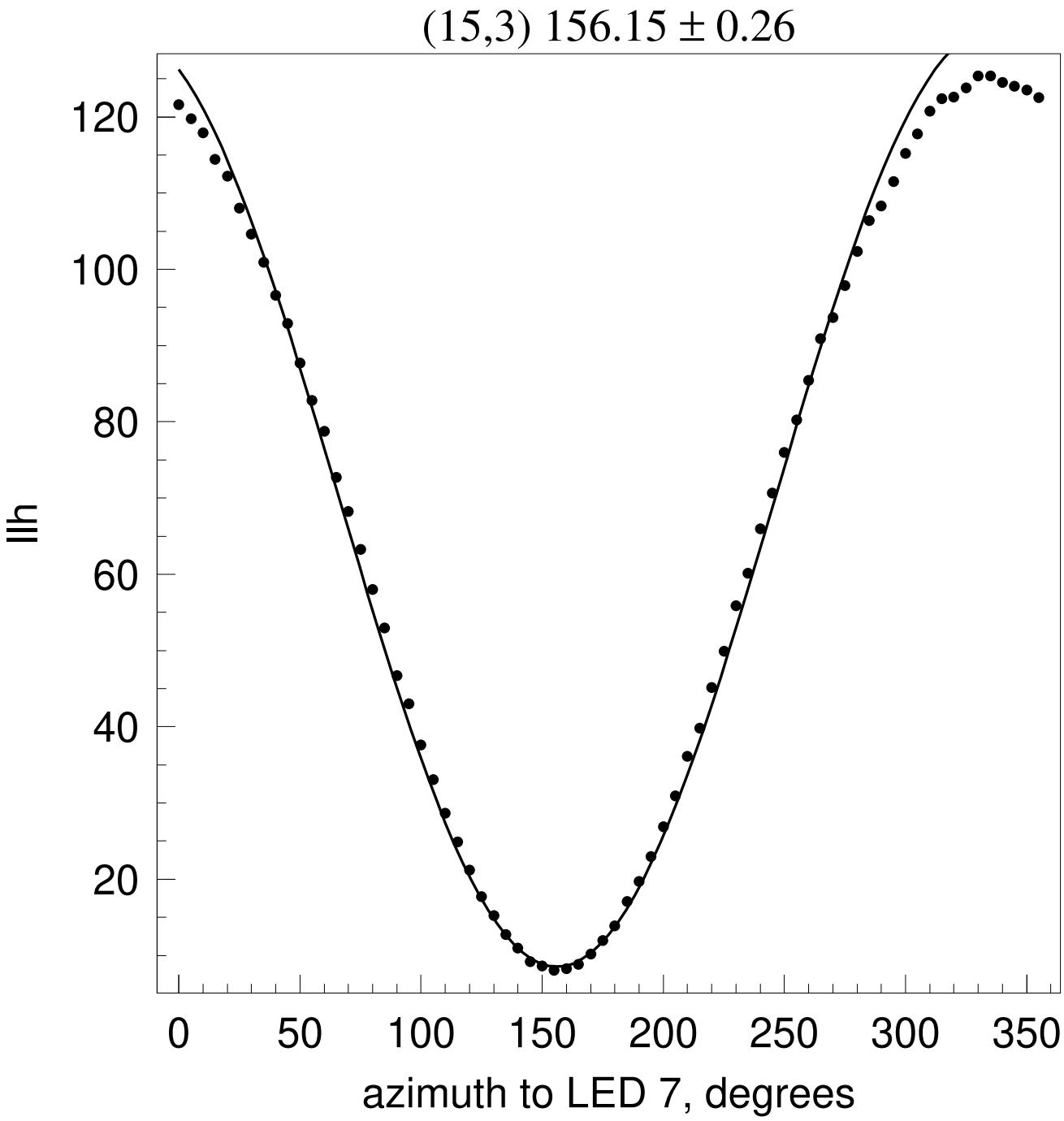

(14,57) 349.32 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

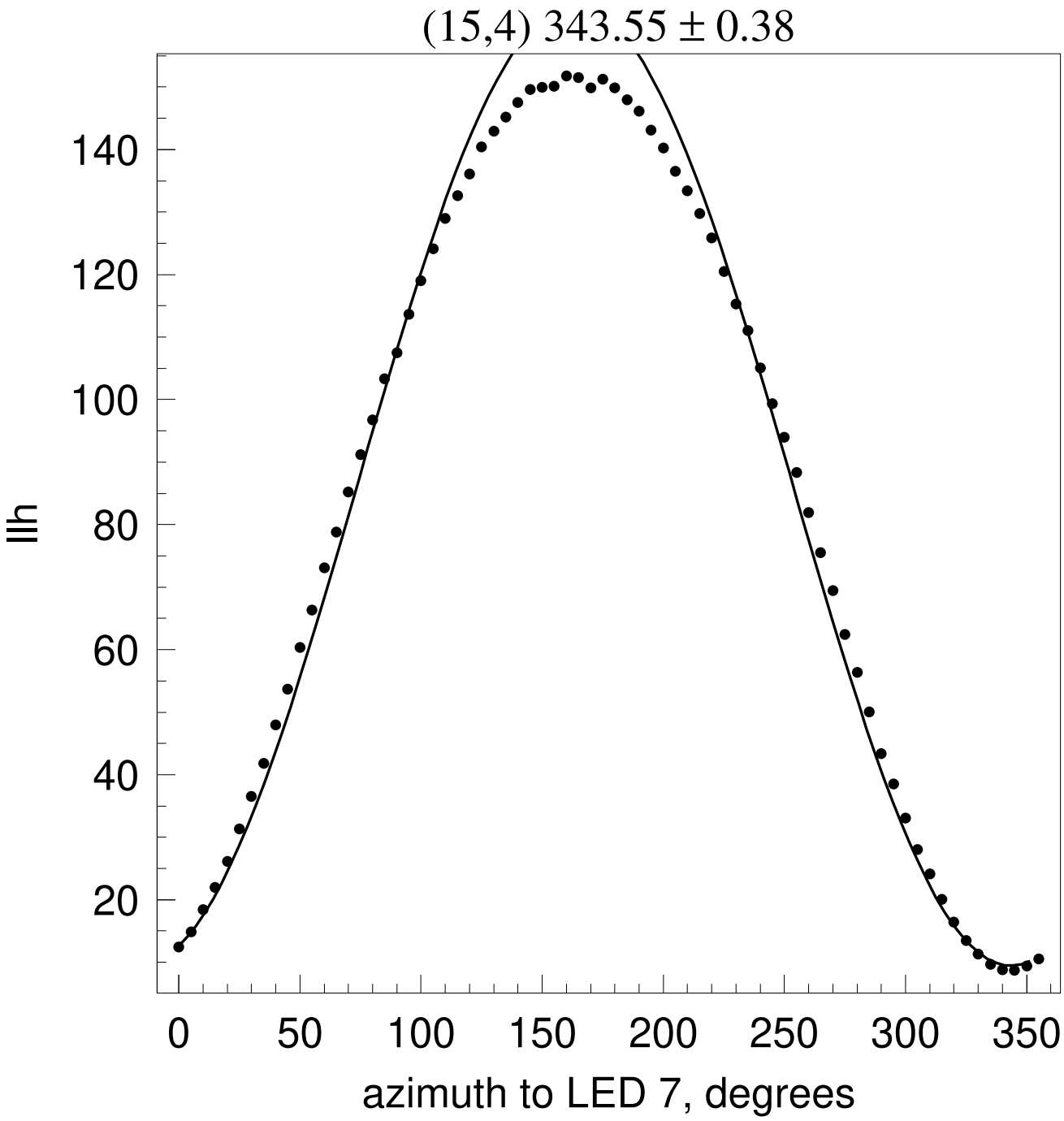

(14,59) 152.05 ± 0.58
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

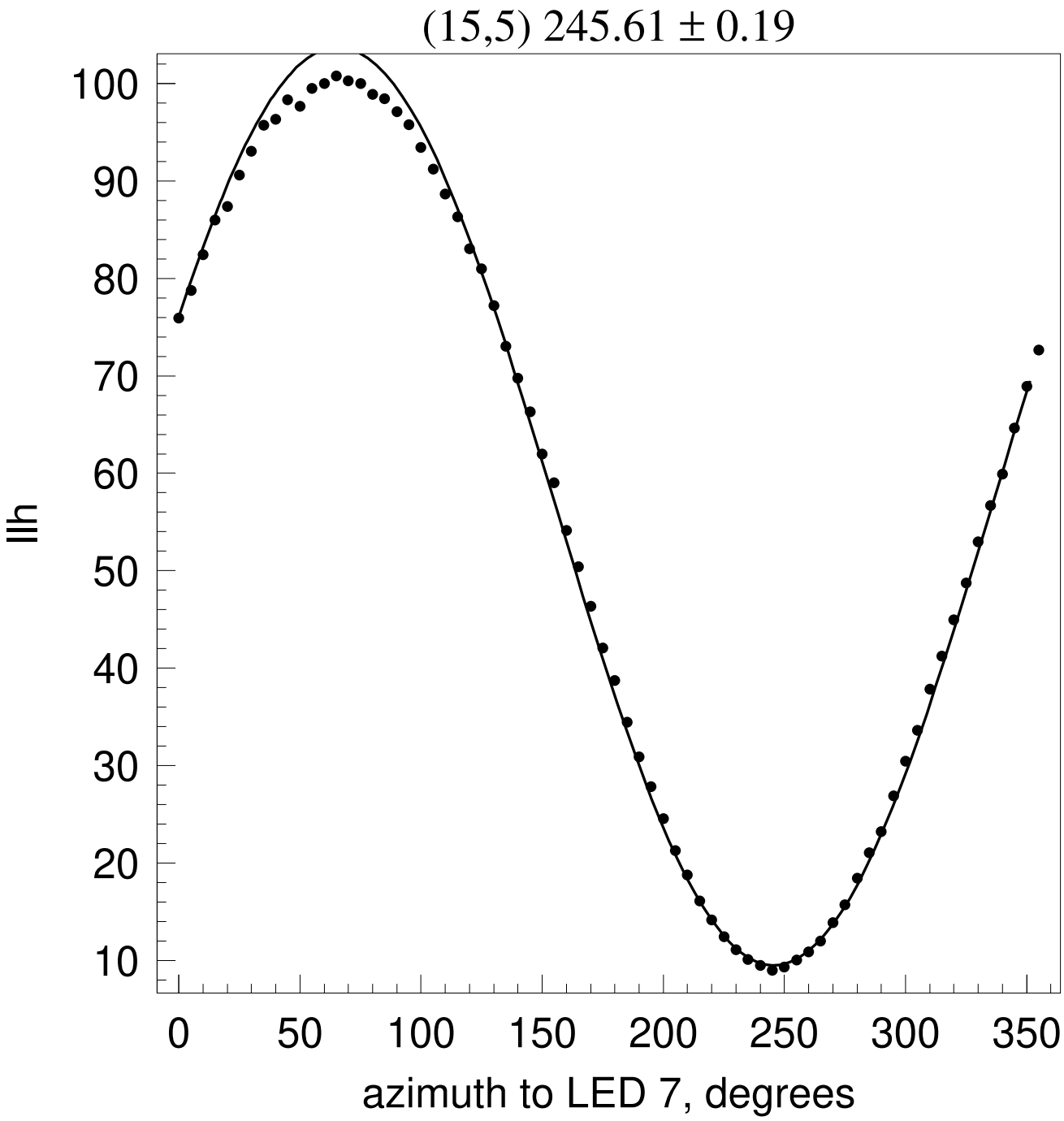

(14,60) 51.06 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

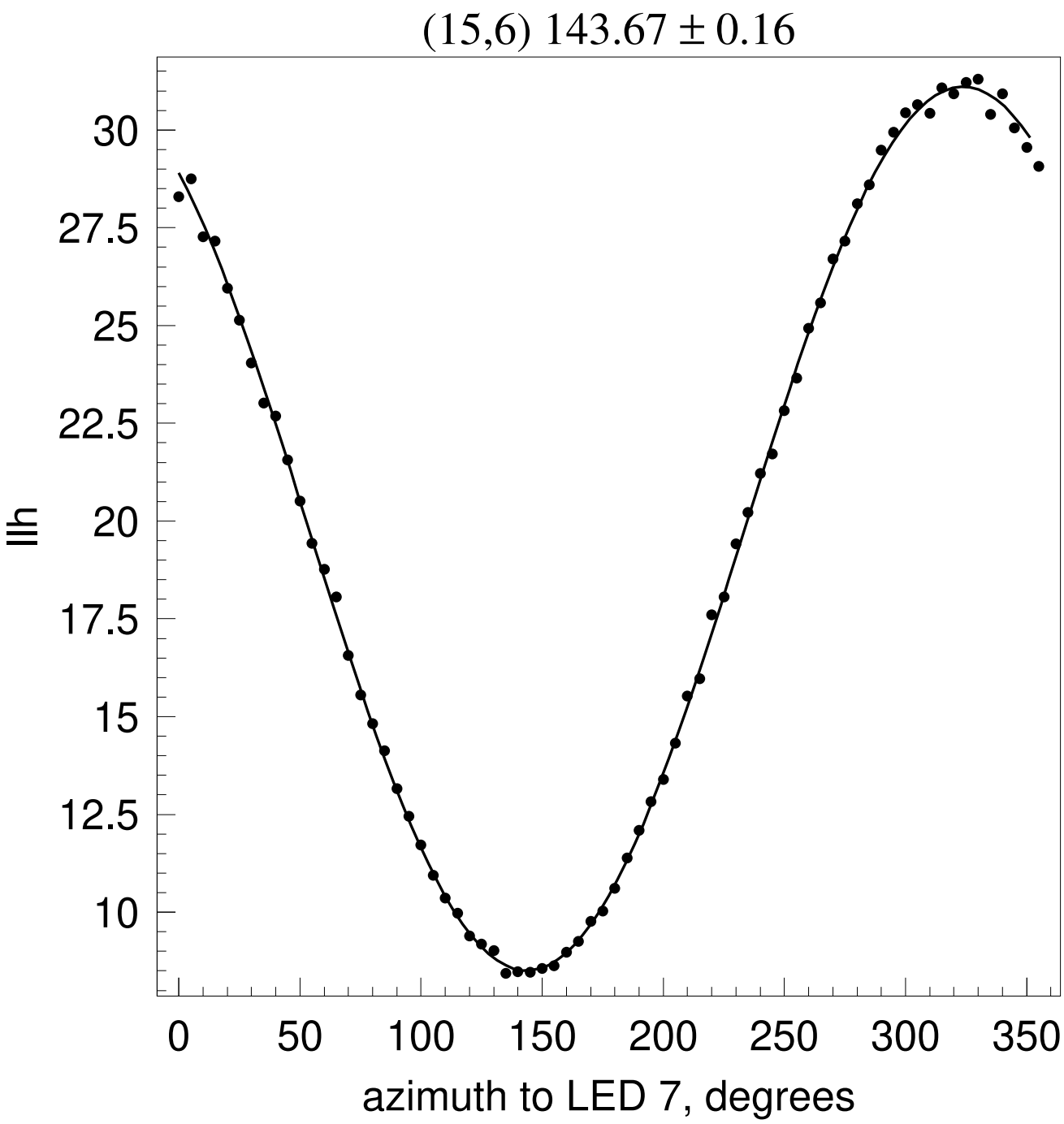

(15,1) 233.31 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

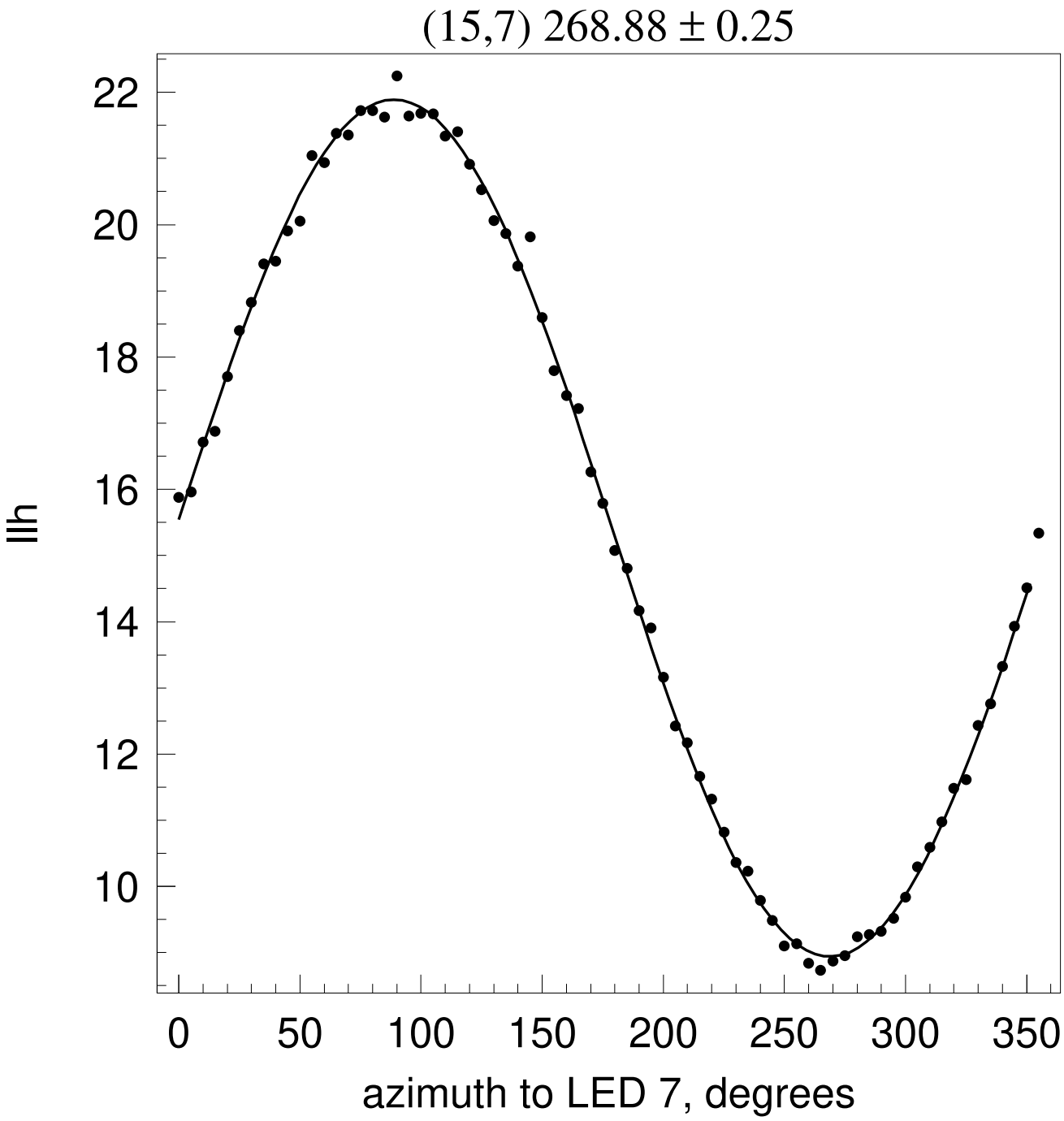

(15,2) 243.32 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

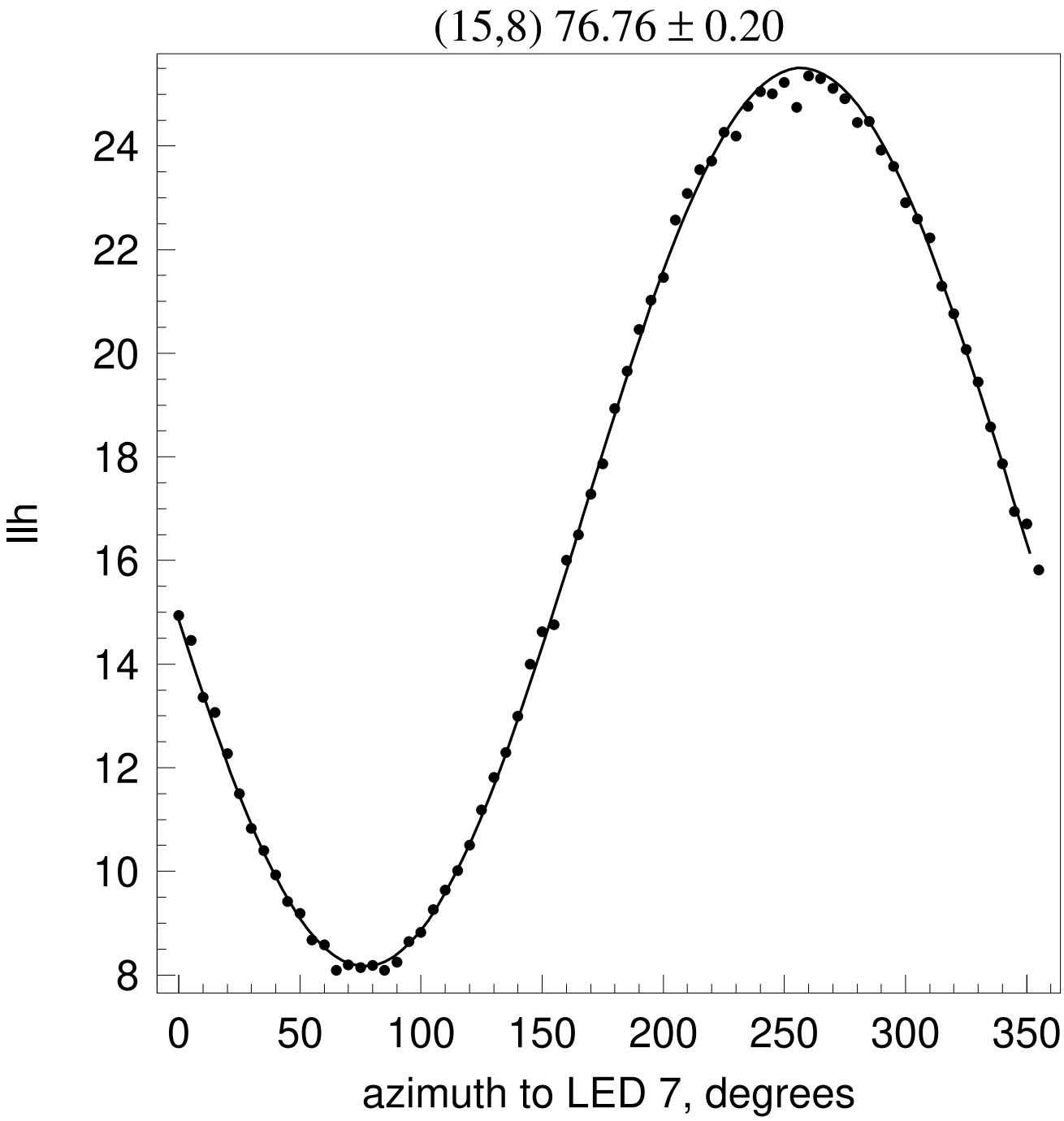

(15,3) 156.15 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

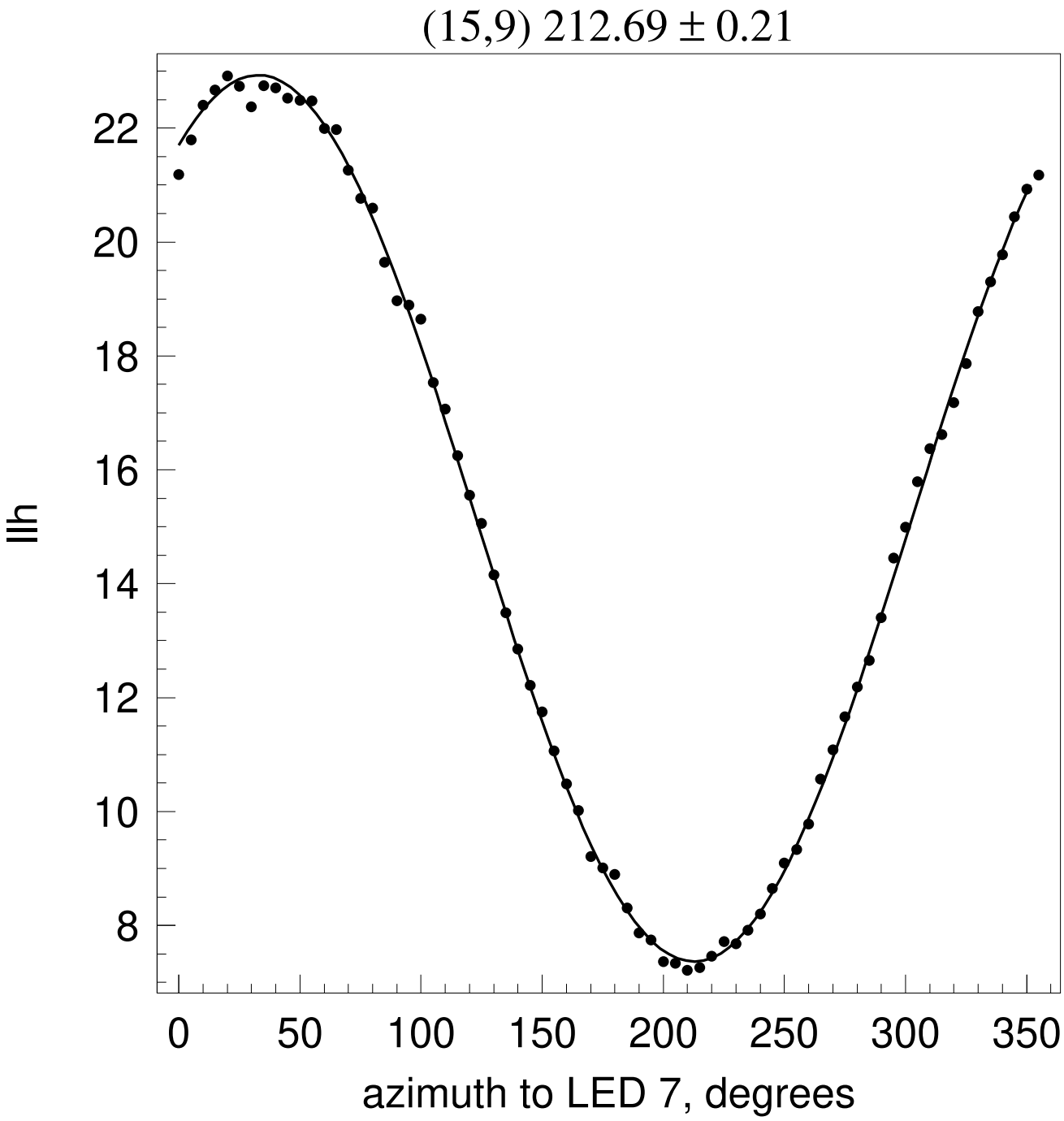

(15,4) 343.55 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

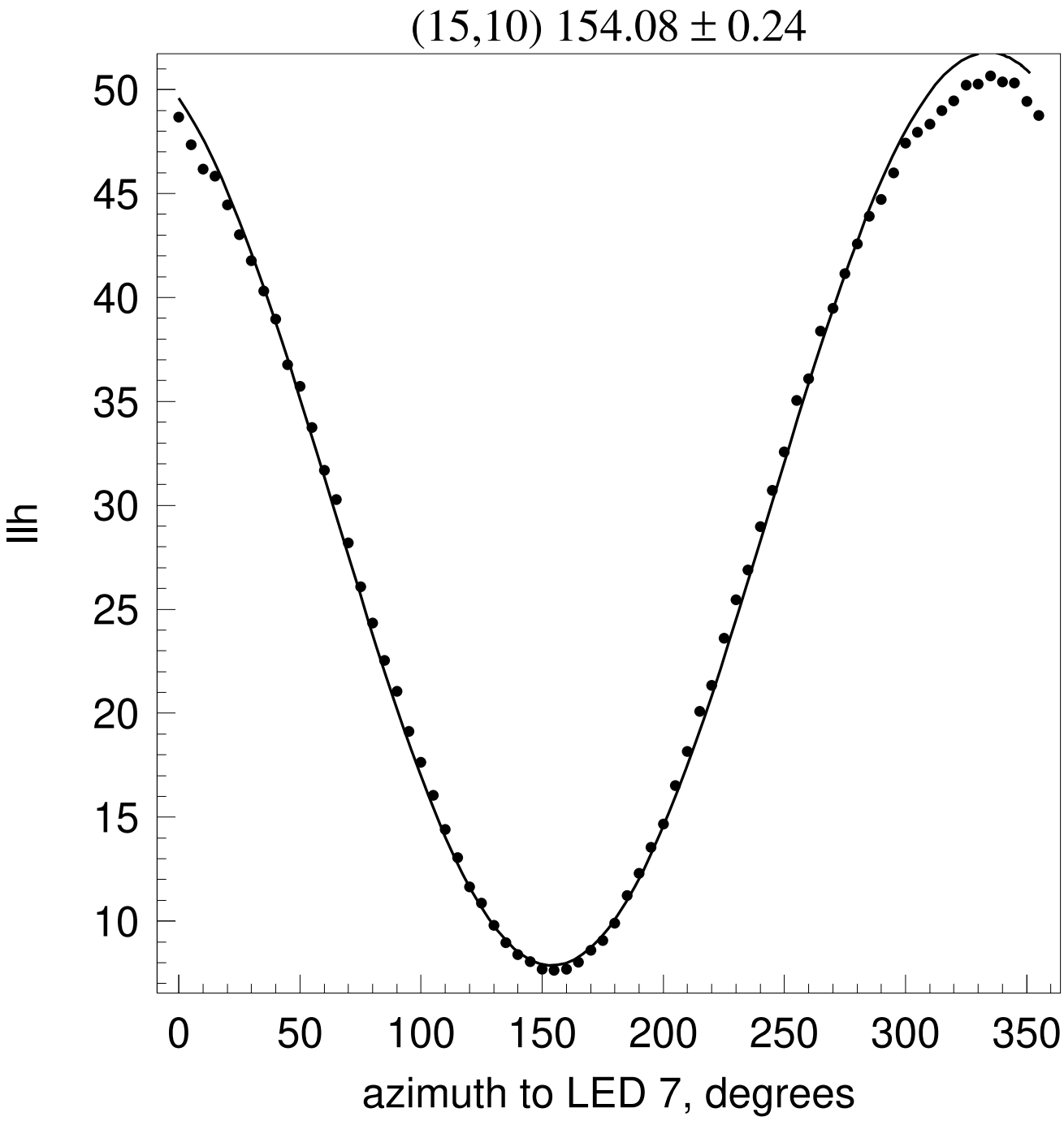

(15,5) 245.61 ± 0.19
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

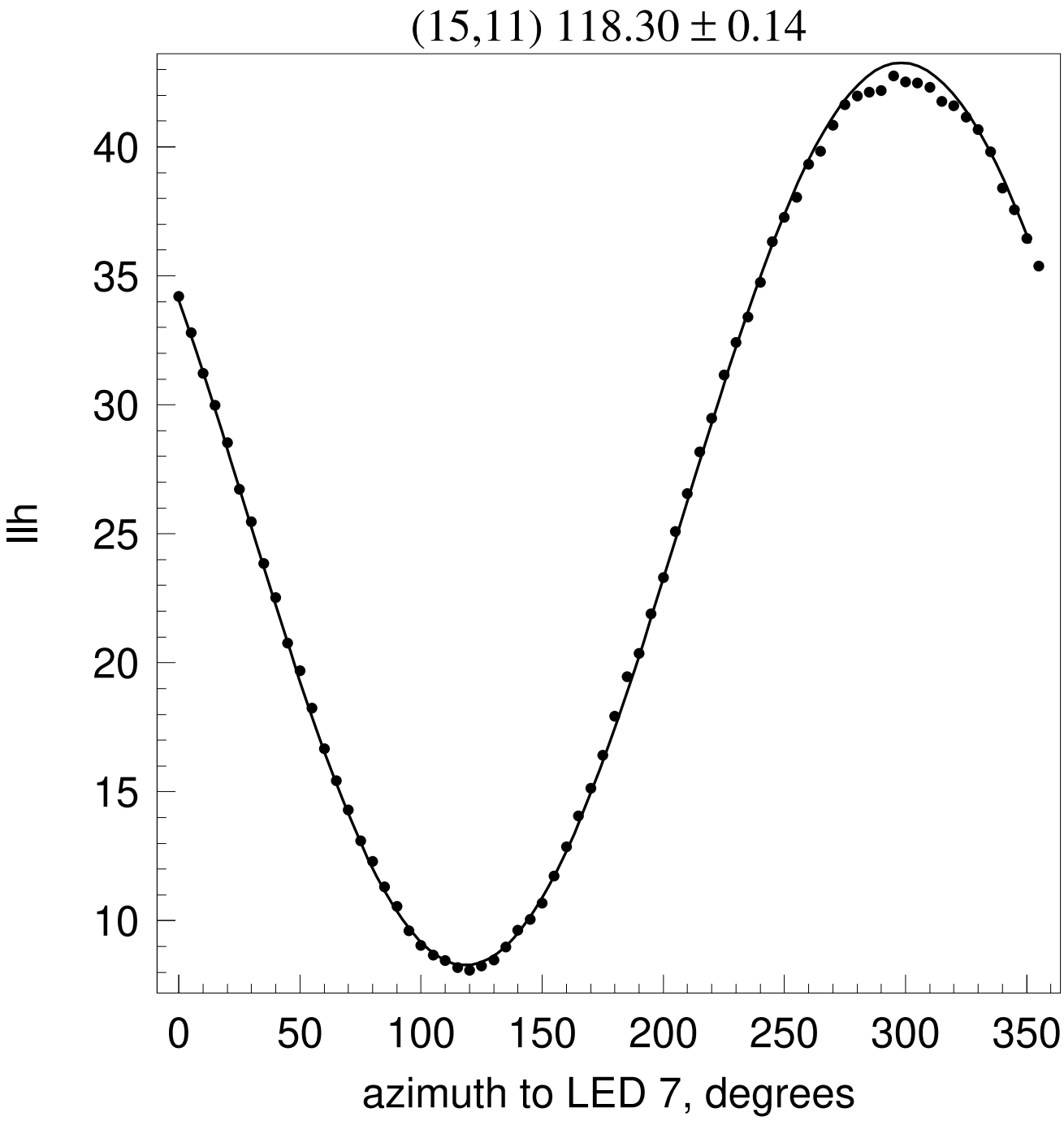

(15,6) 143.67 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

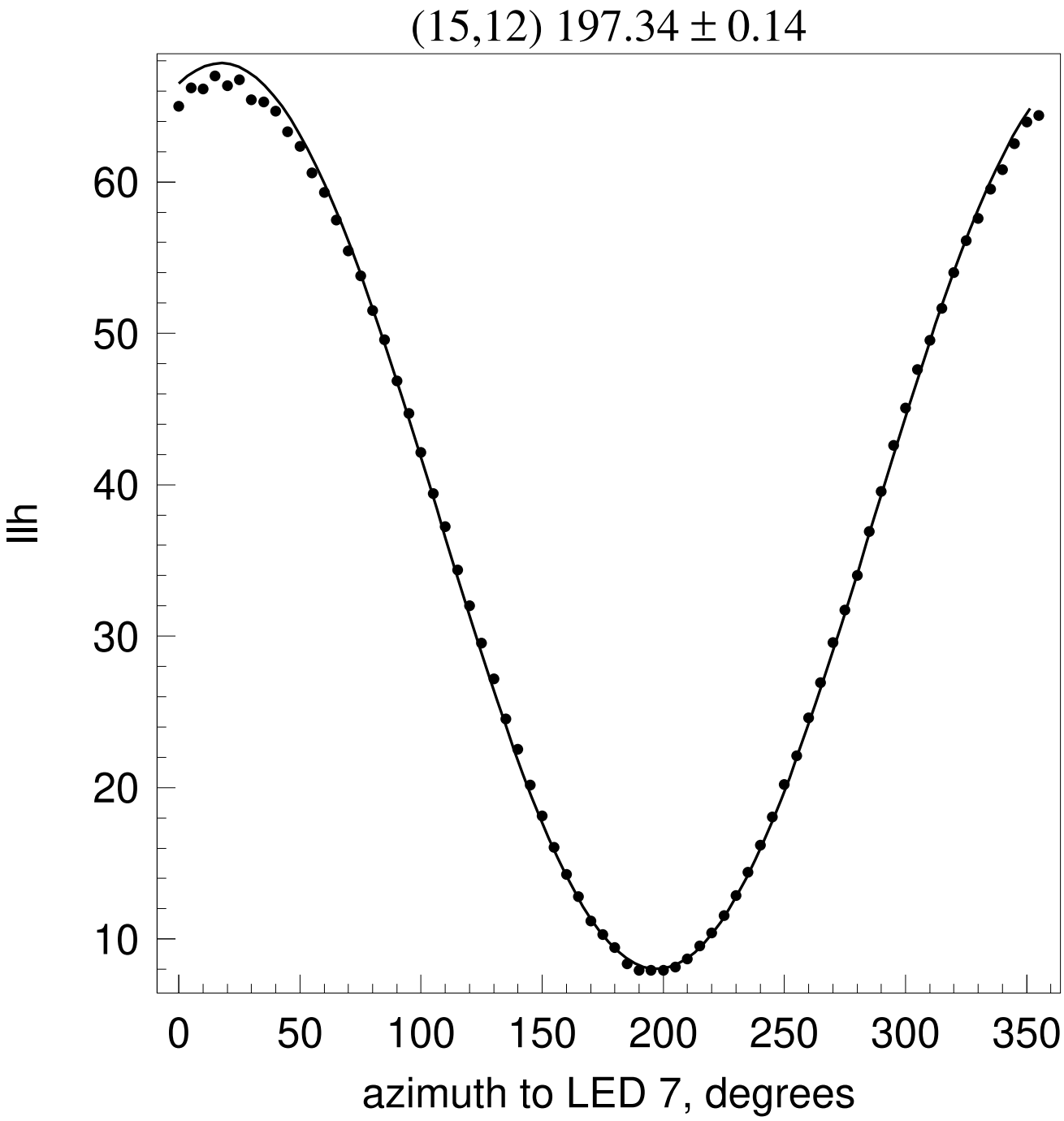

(15,7) 268.88 ± 0.25
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

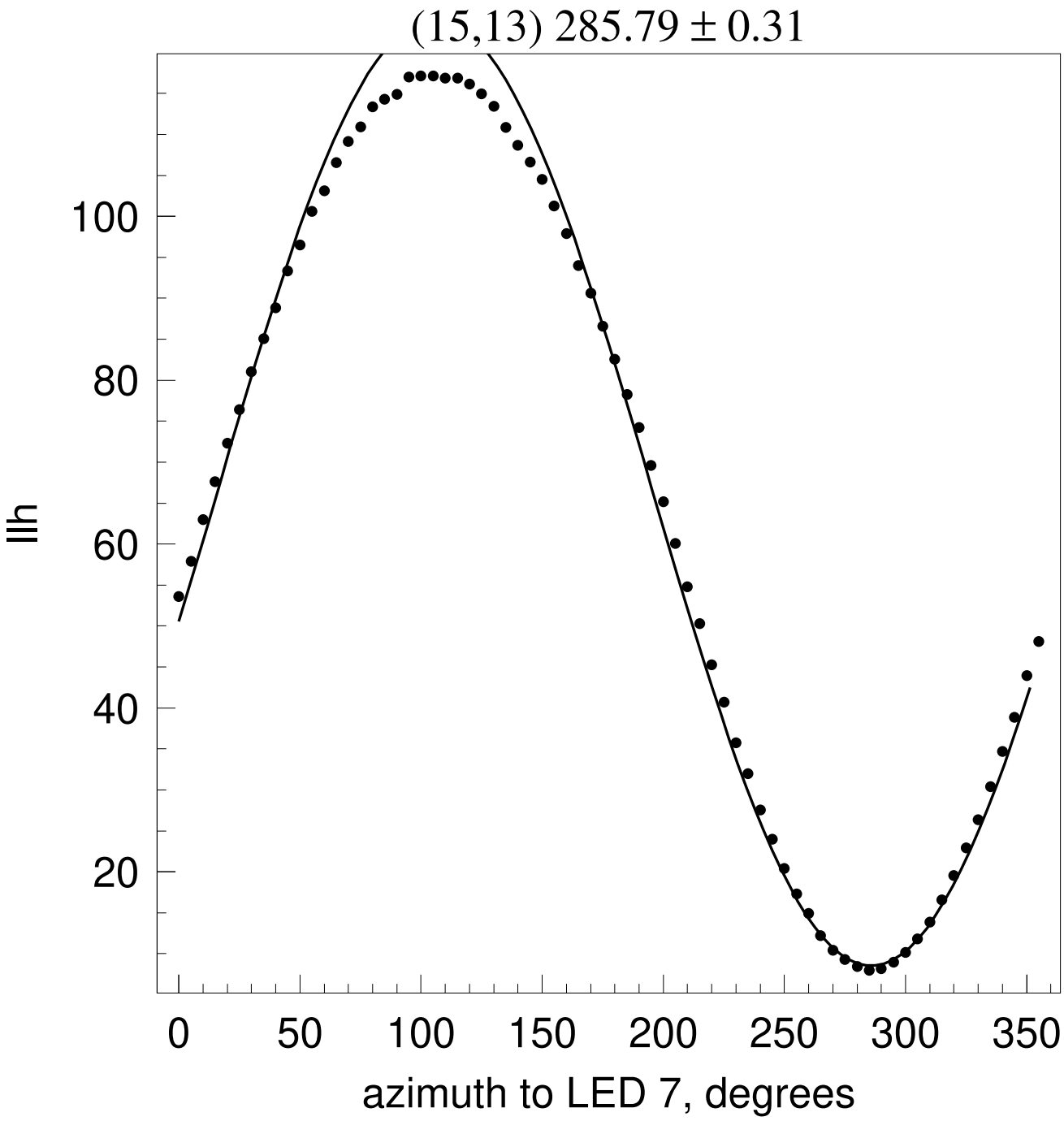

(15,8) 76.76 ± 0.20
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

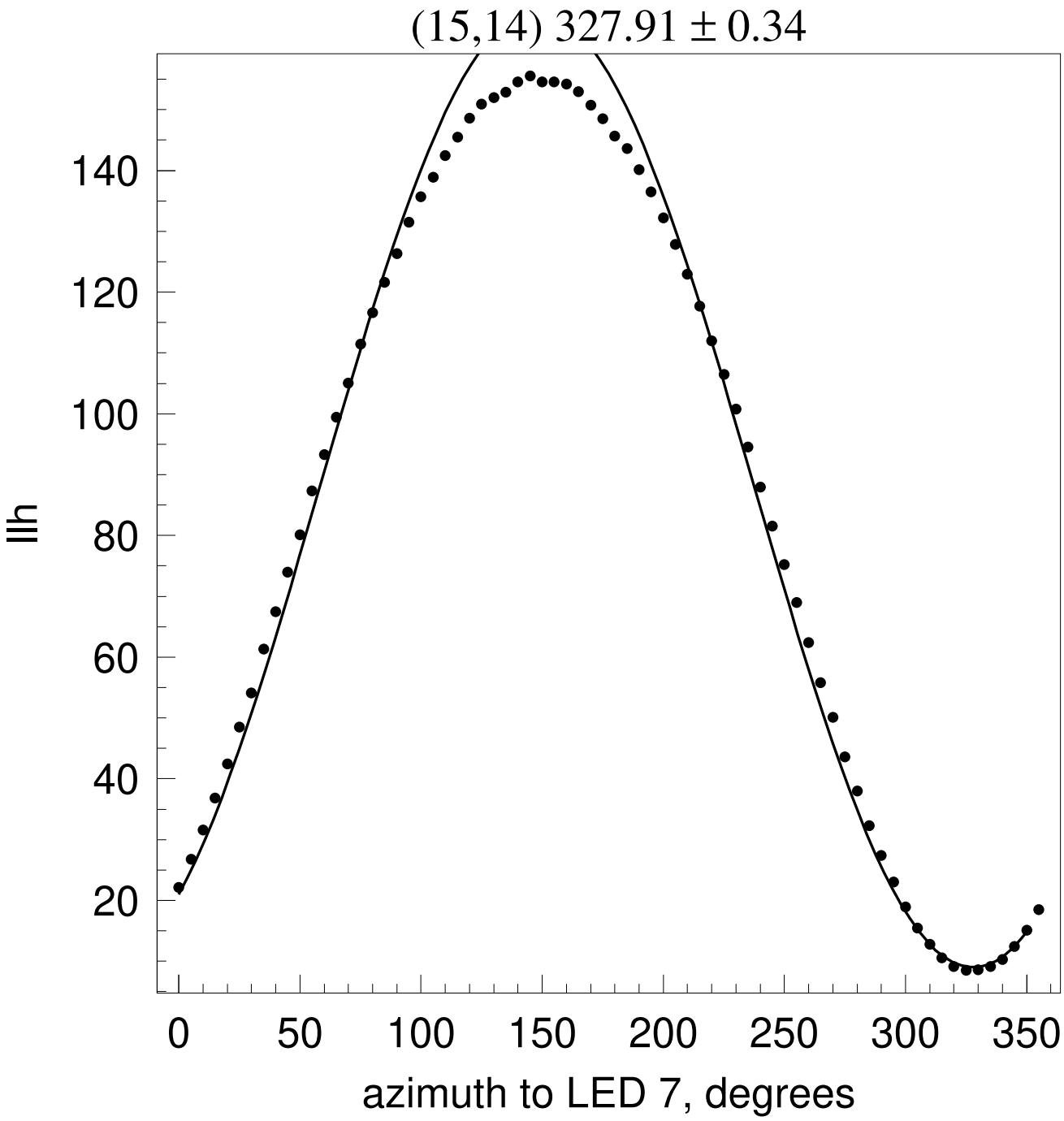

(15,9) 212.69 ± 0.21
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

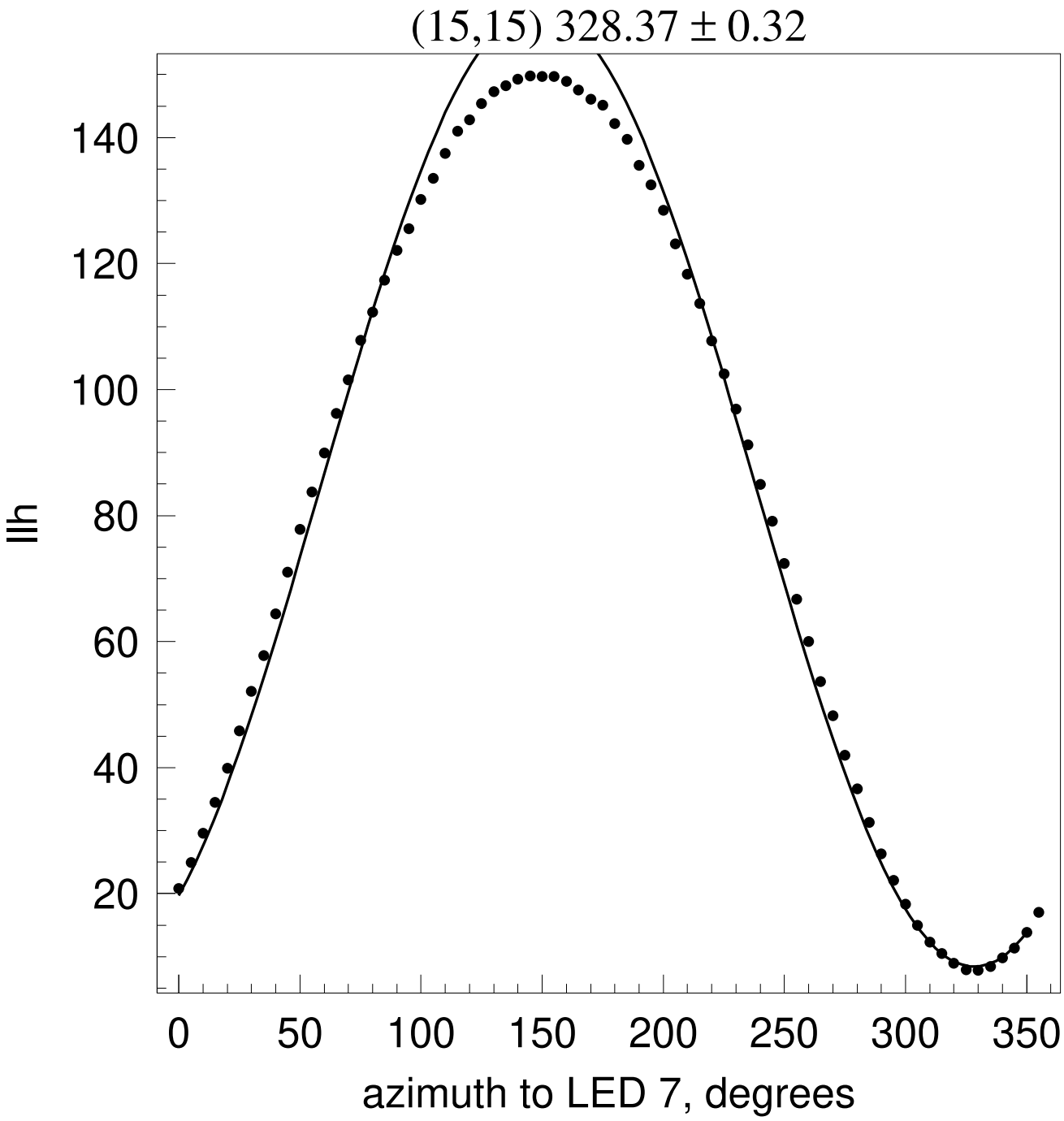

(15,10) 154.08 ± 0.24
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

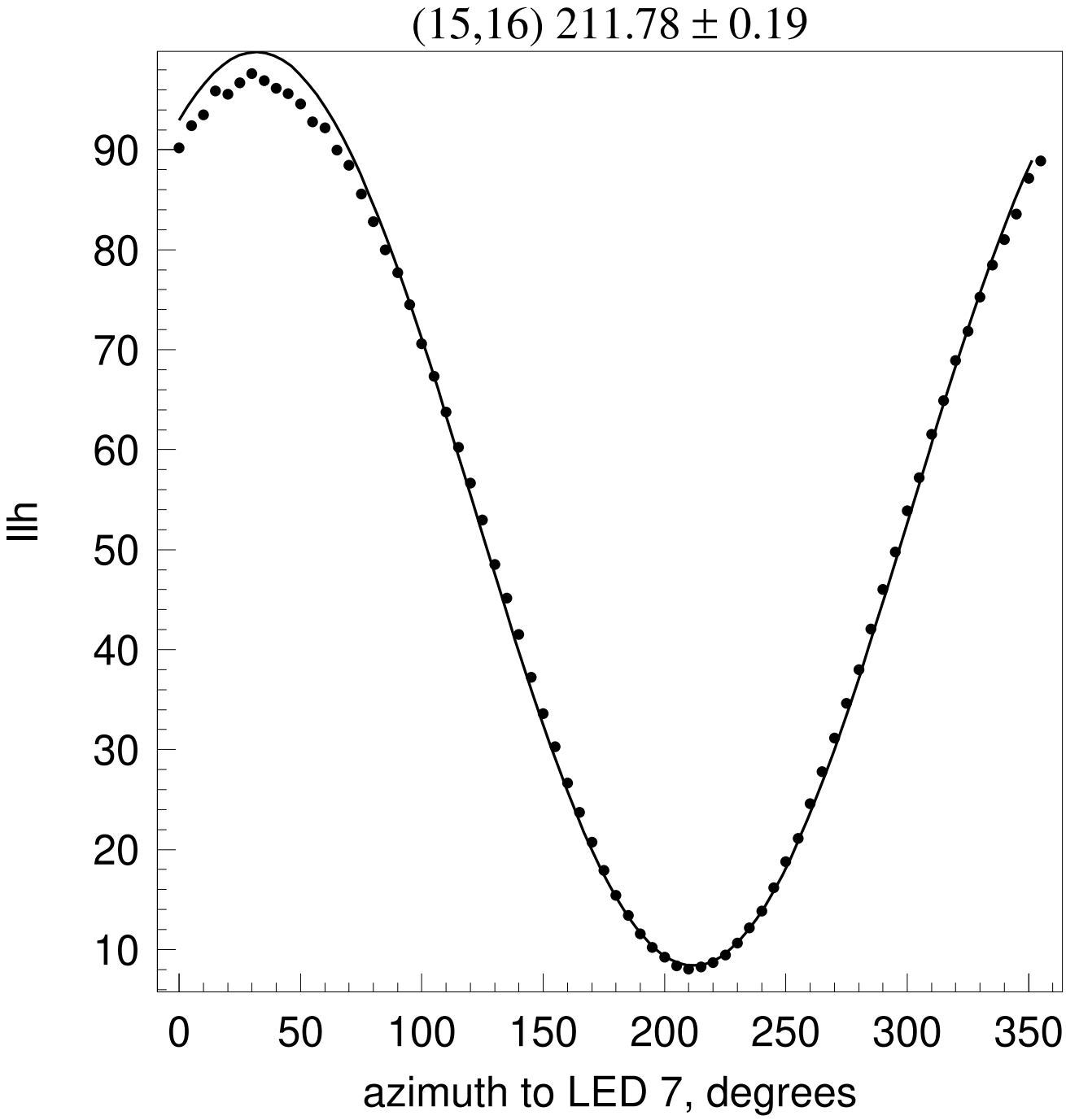

(15,11) 118.30 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

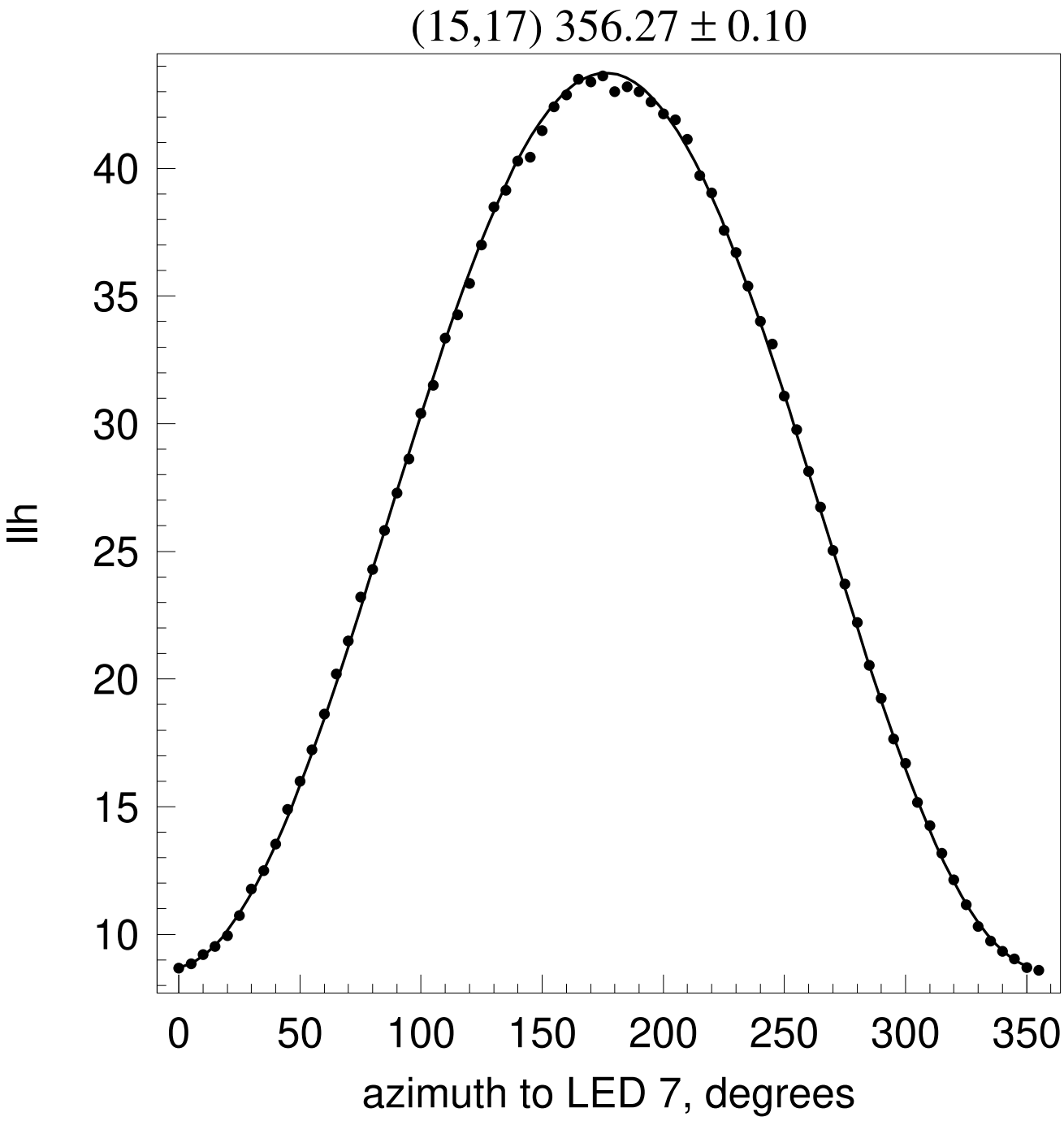

(15,12) 197.34 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

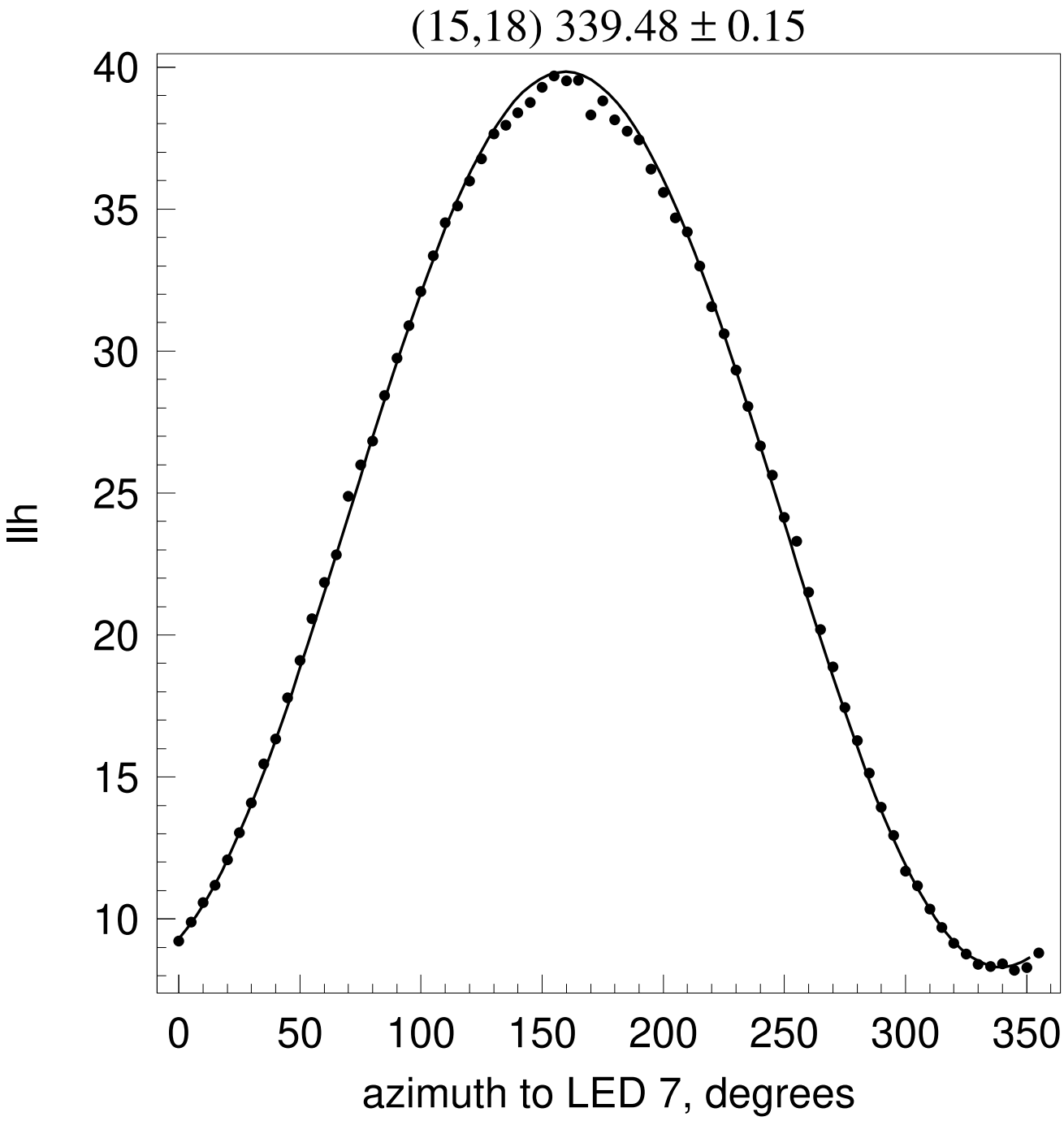

(15,13) 285.79 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

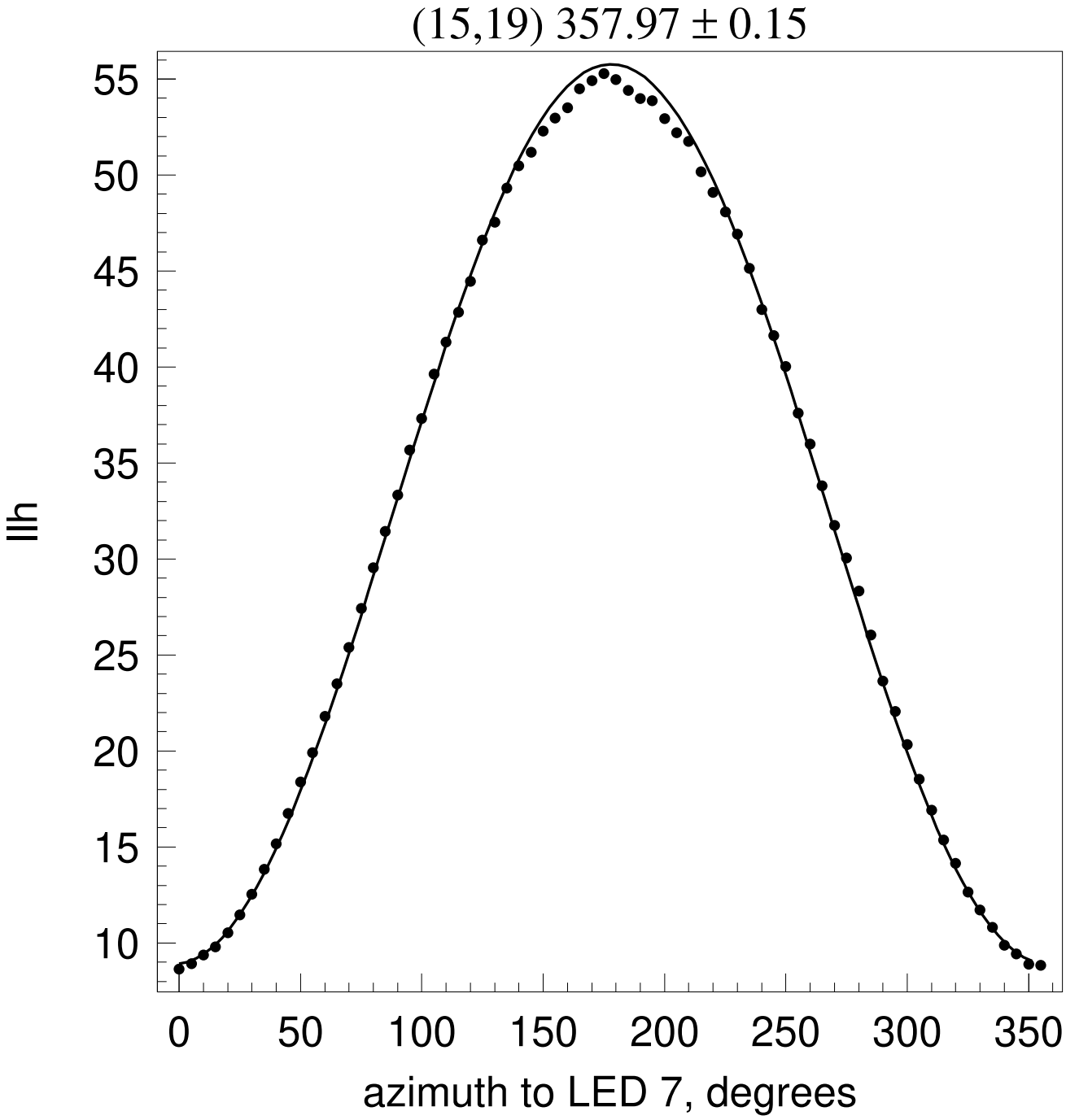

(15,14) 327.91 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

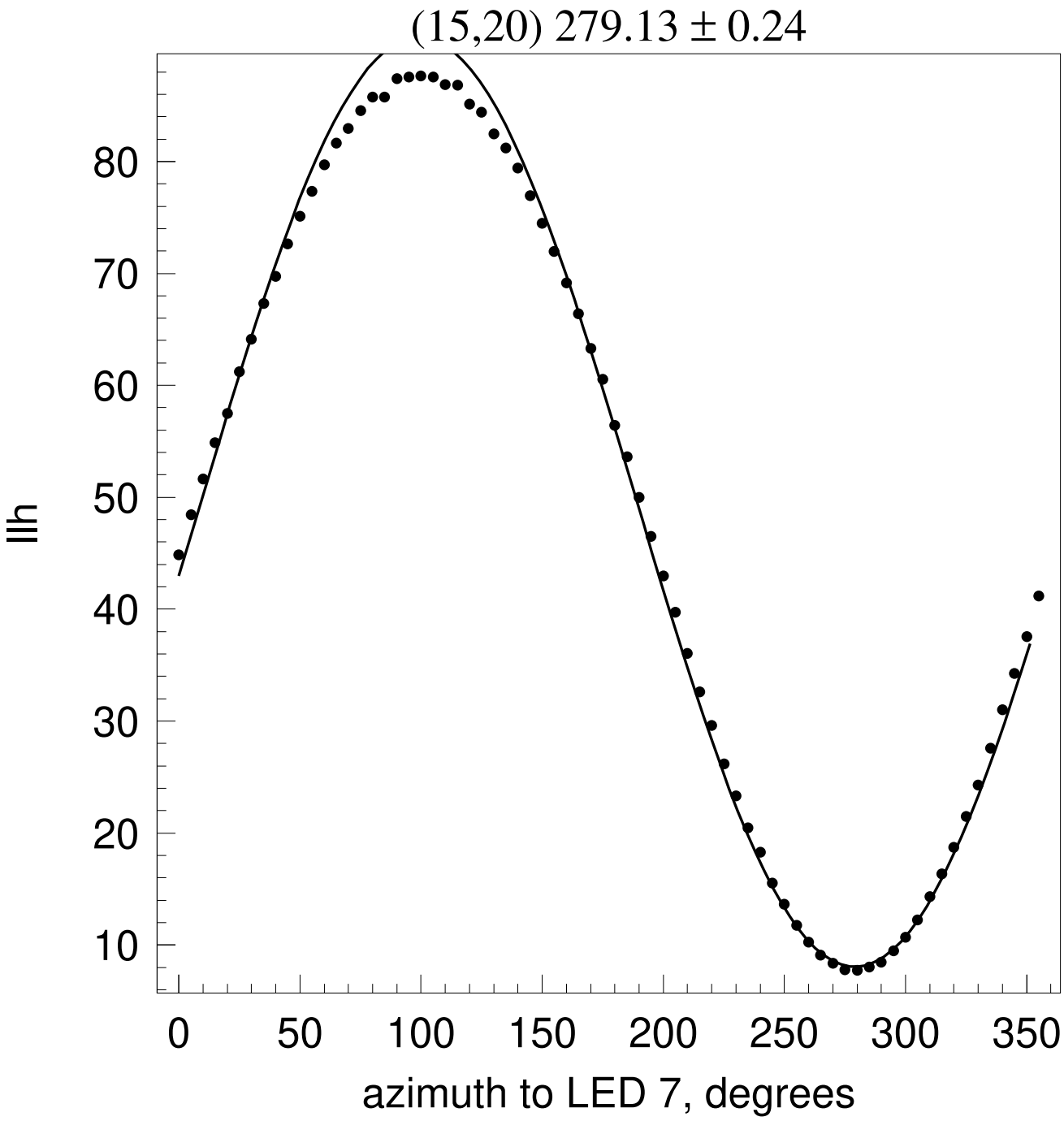

(15,15) 328.37 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

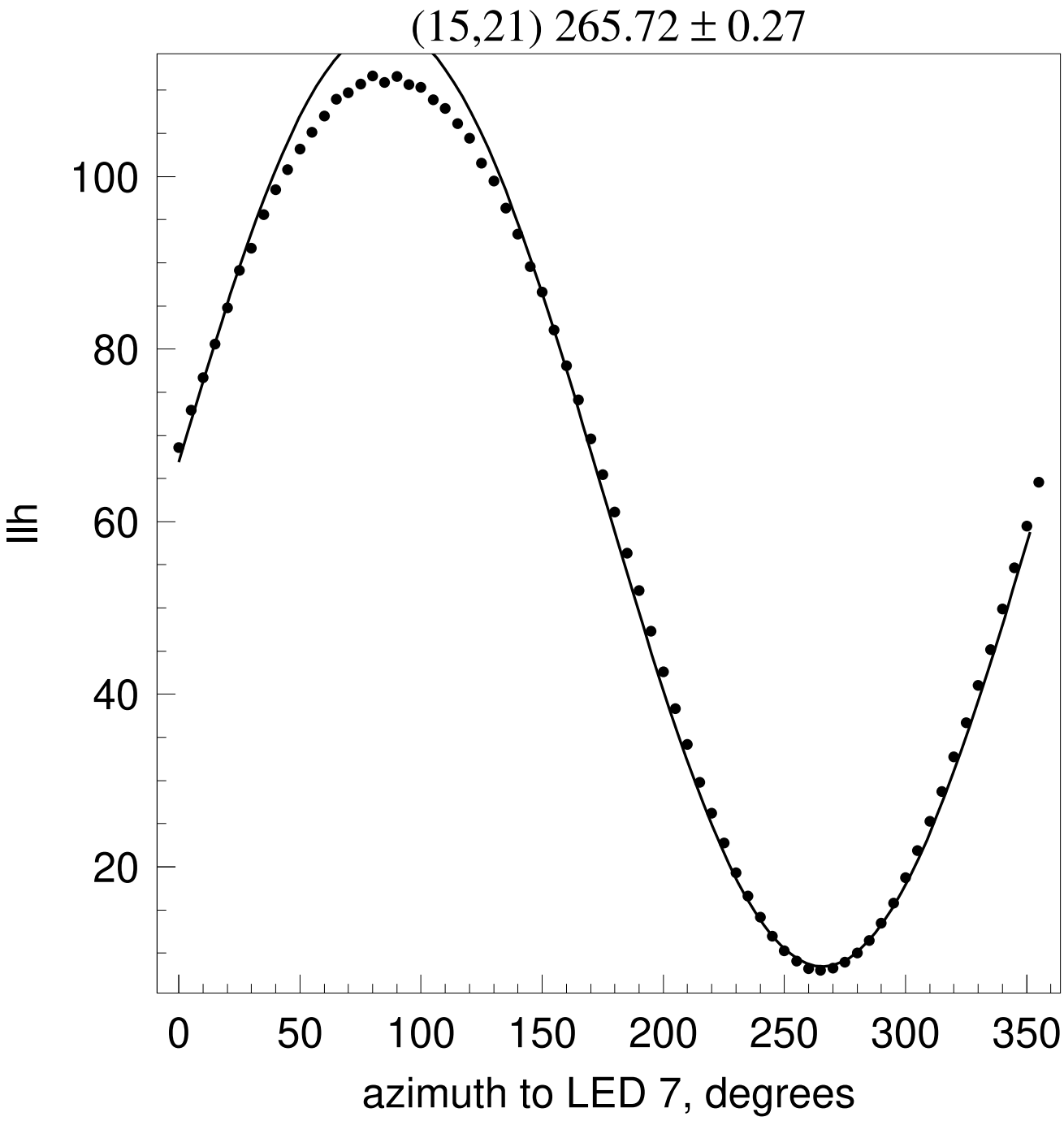

(15,16) 211.78 ± 0.19
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

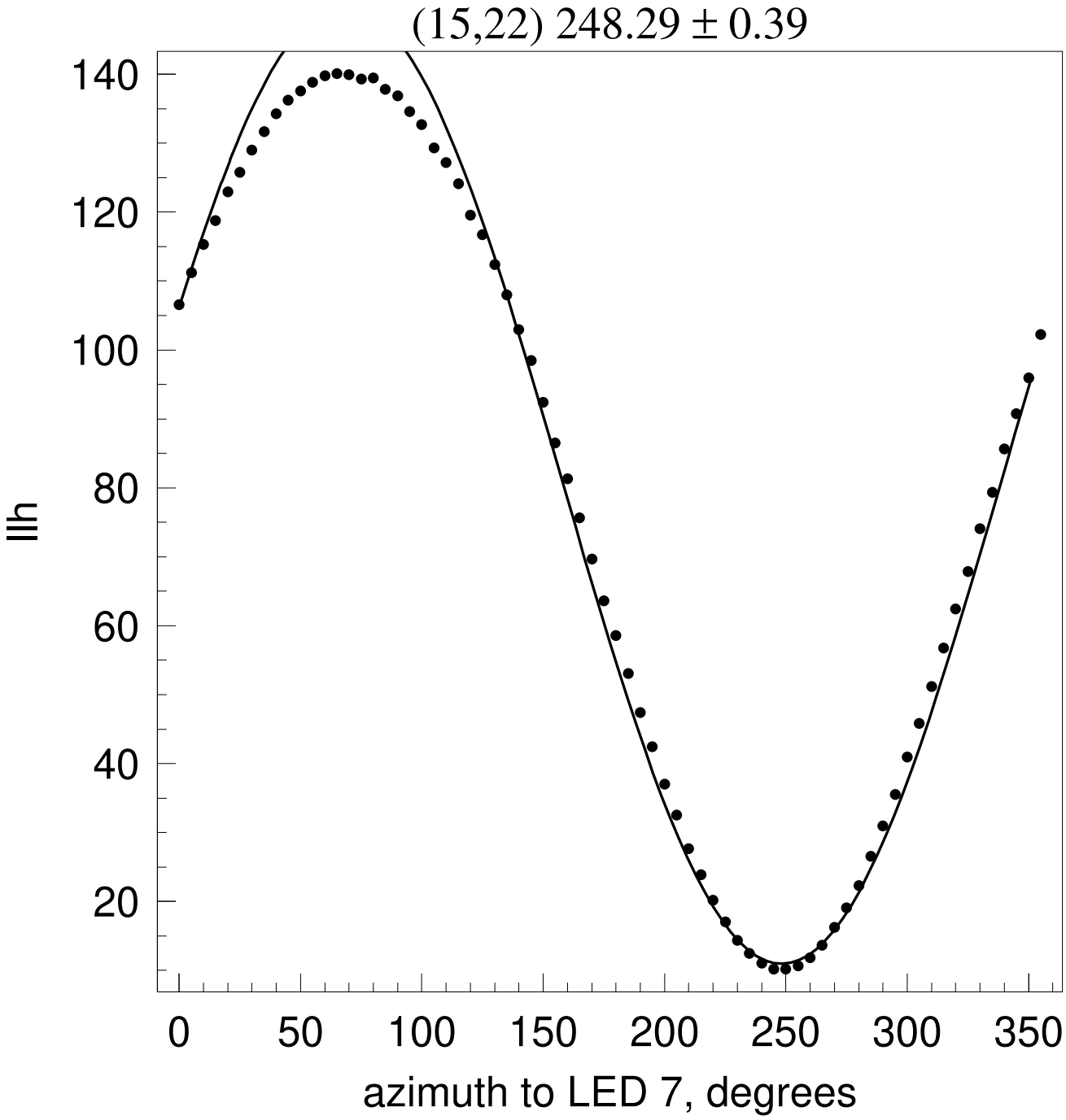

(15,17) 356.27 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

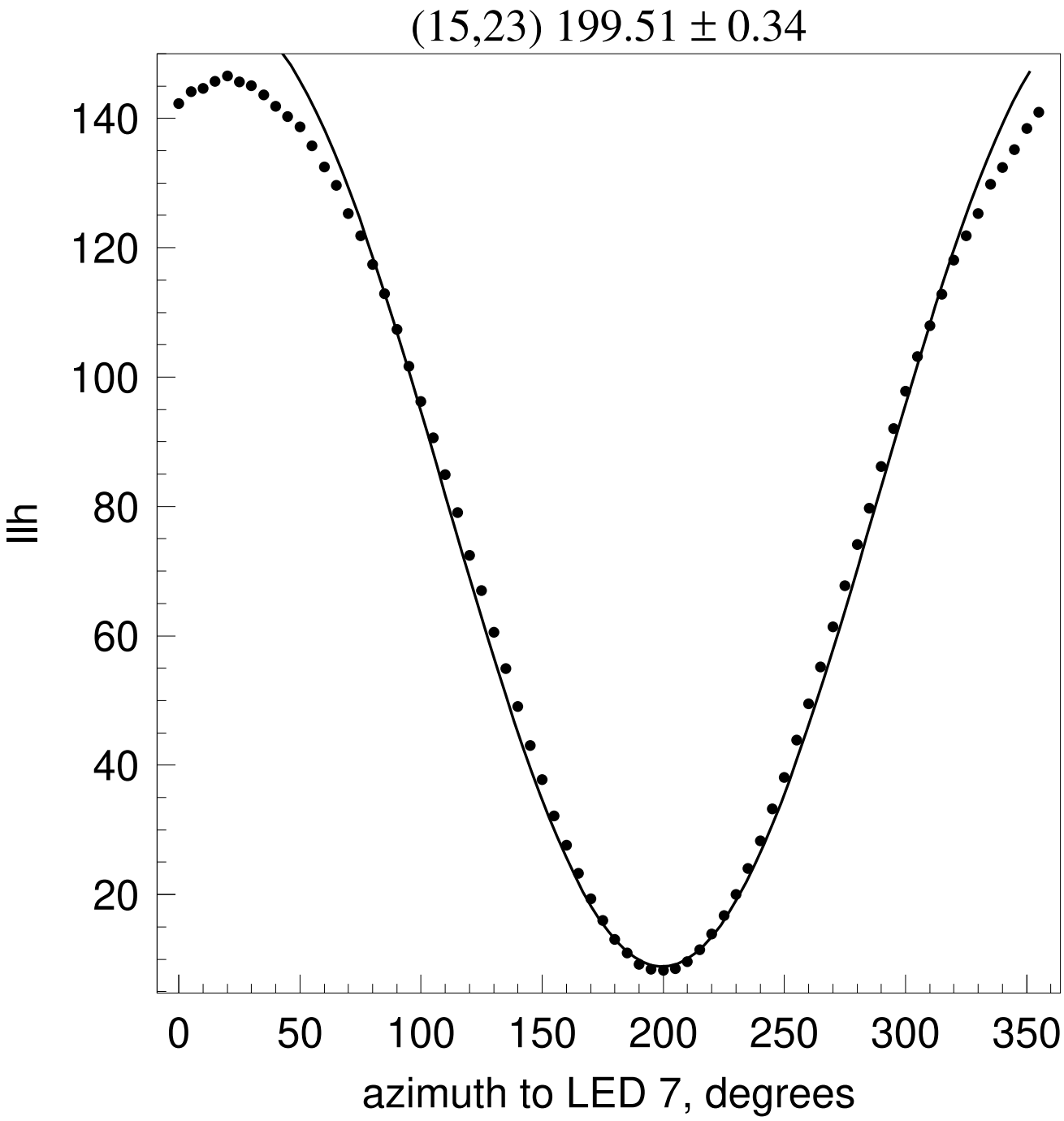

(15,18) 339.48 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

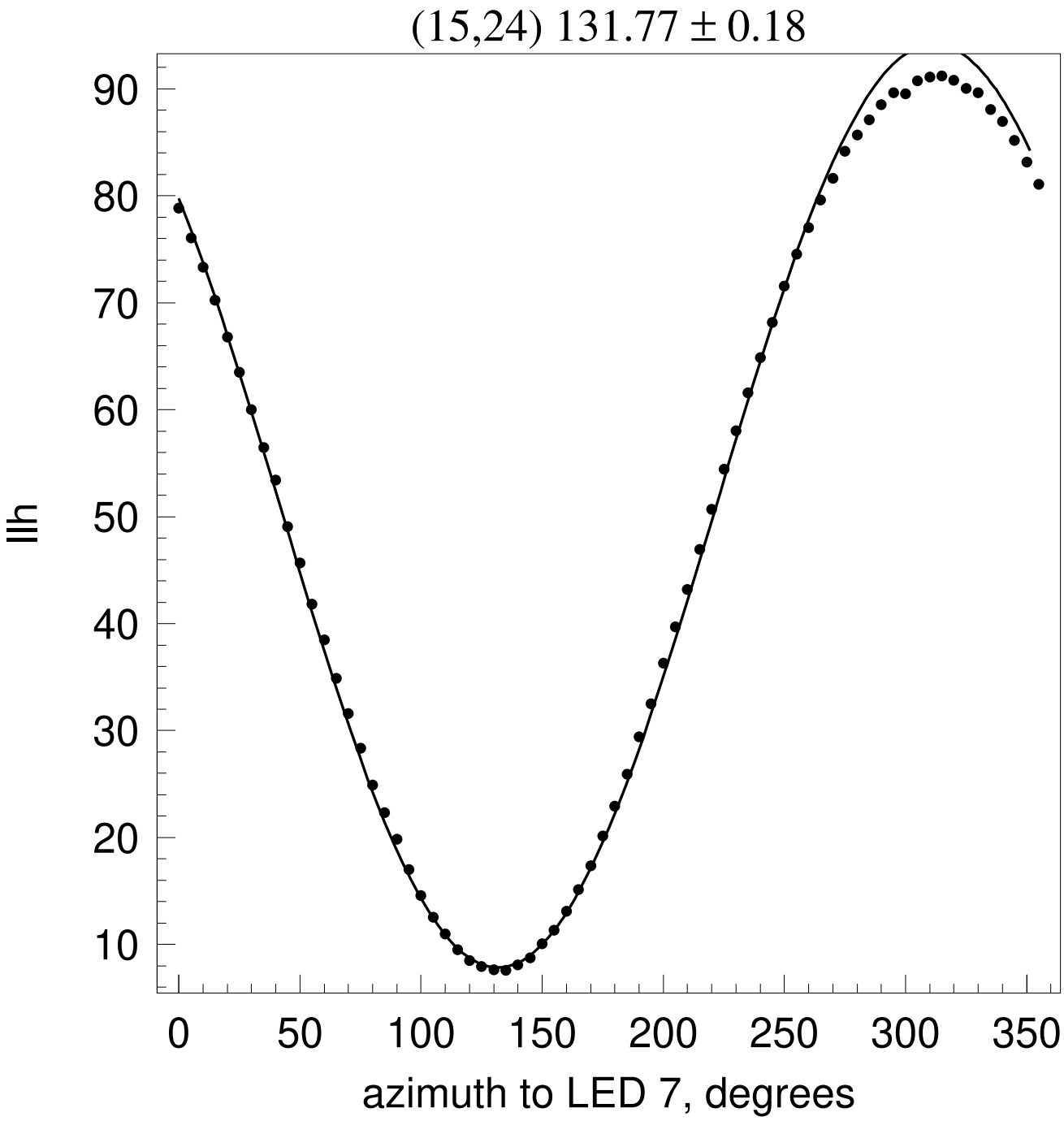

(15,19) 357.97 ± 0.15
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

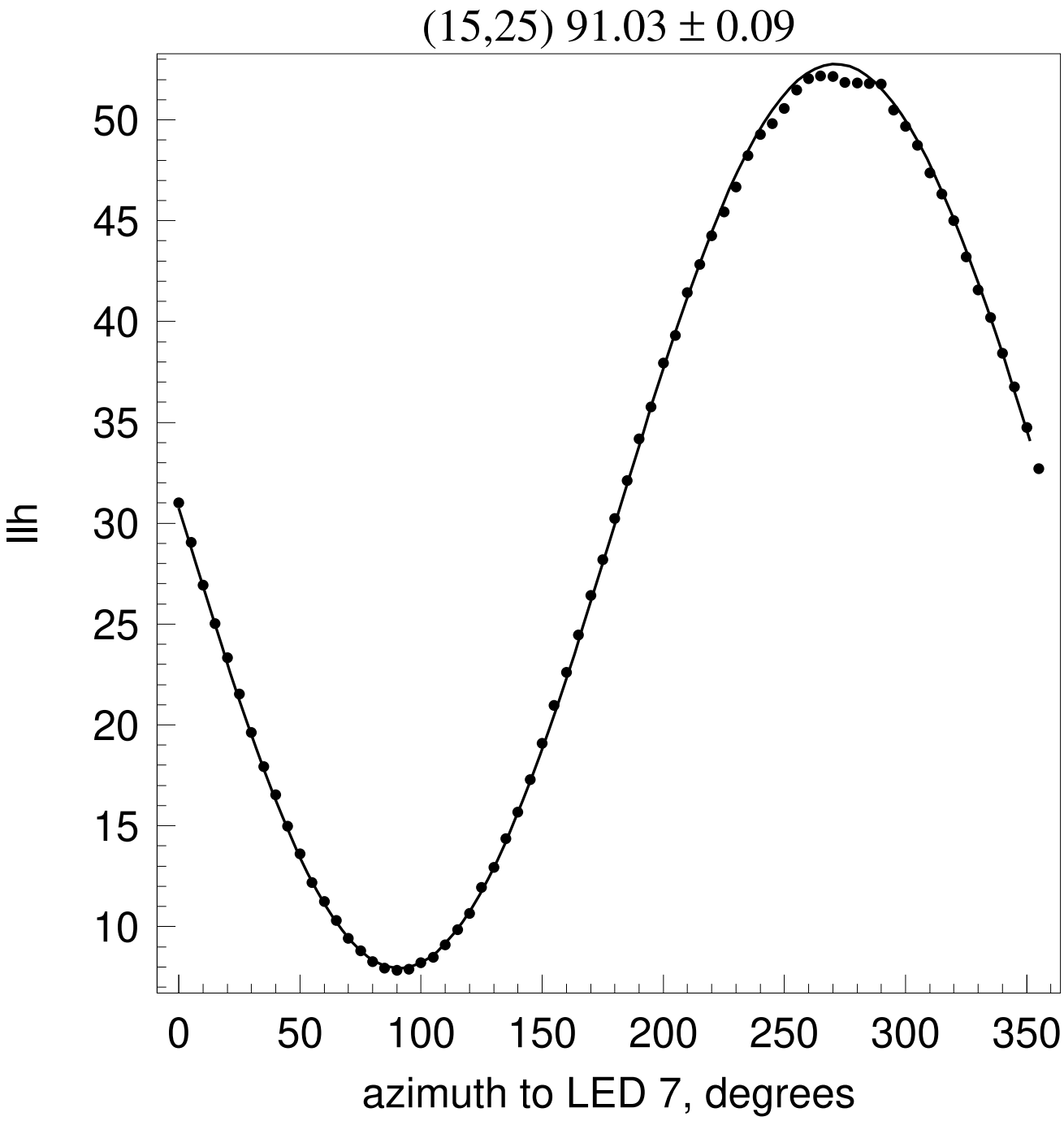

(15,20) 279.13 ± 0.24
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

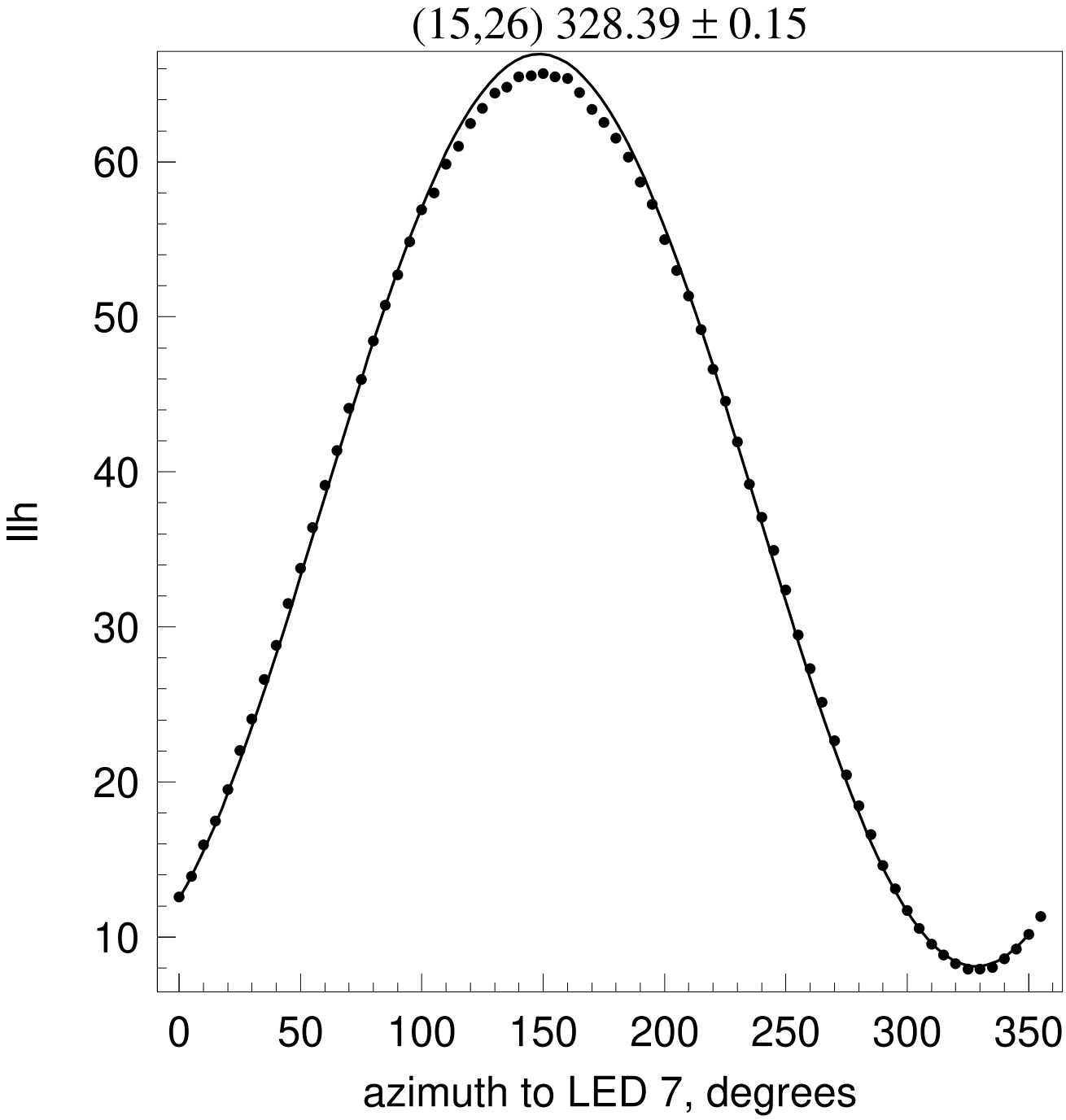

(15,21) 265.72 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

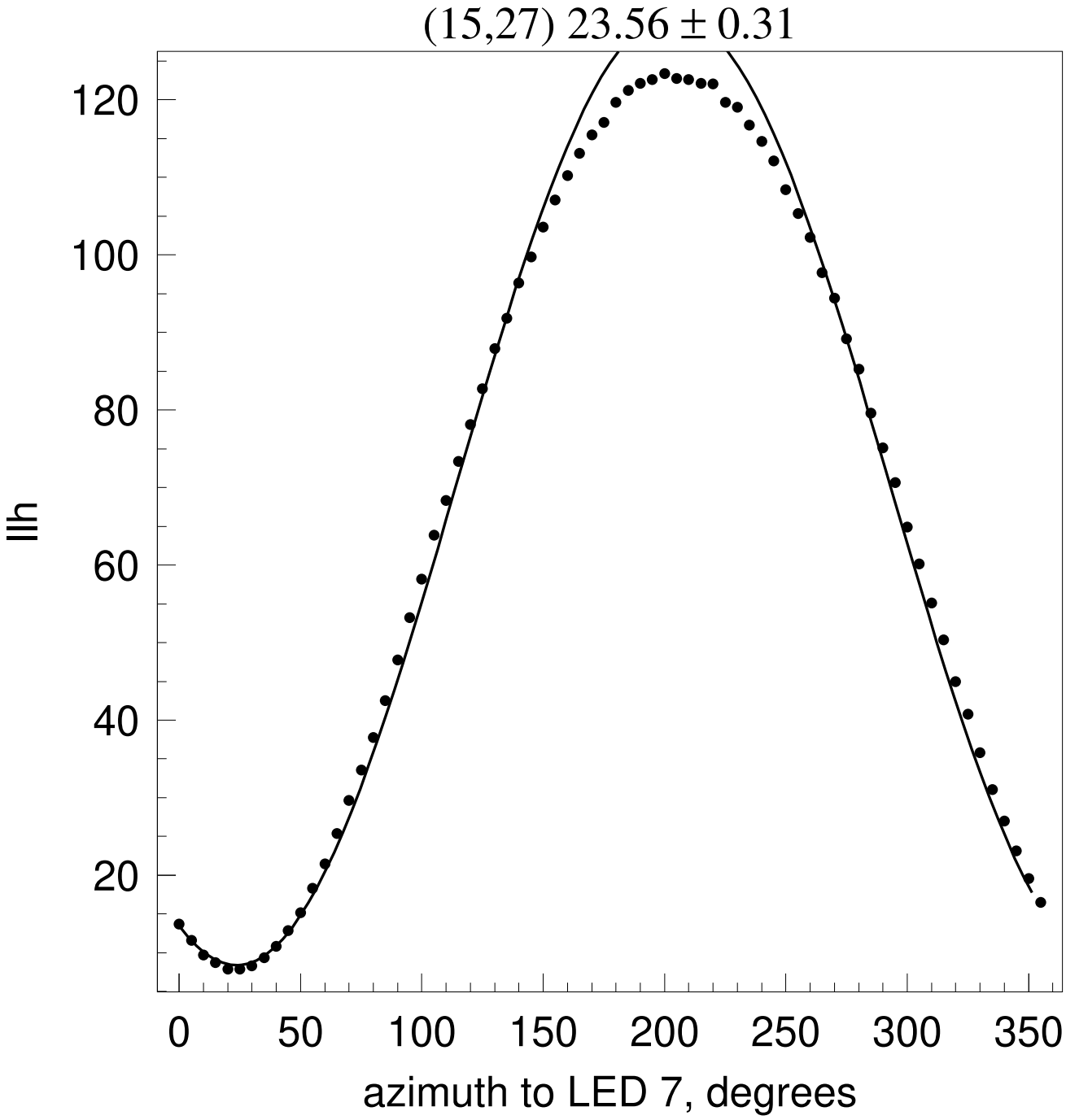

(15,22) 248.29 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

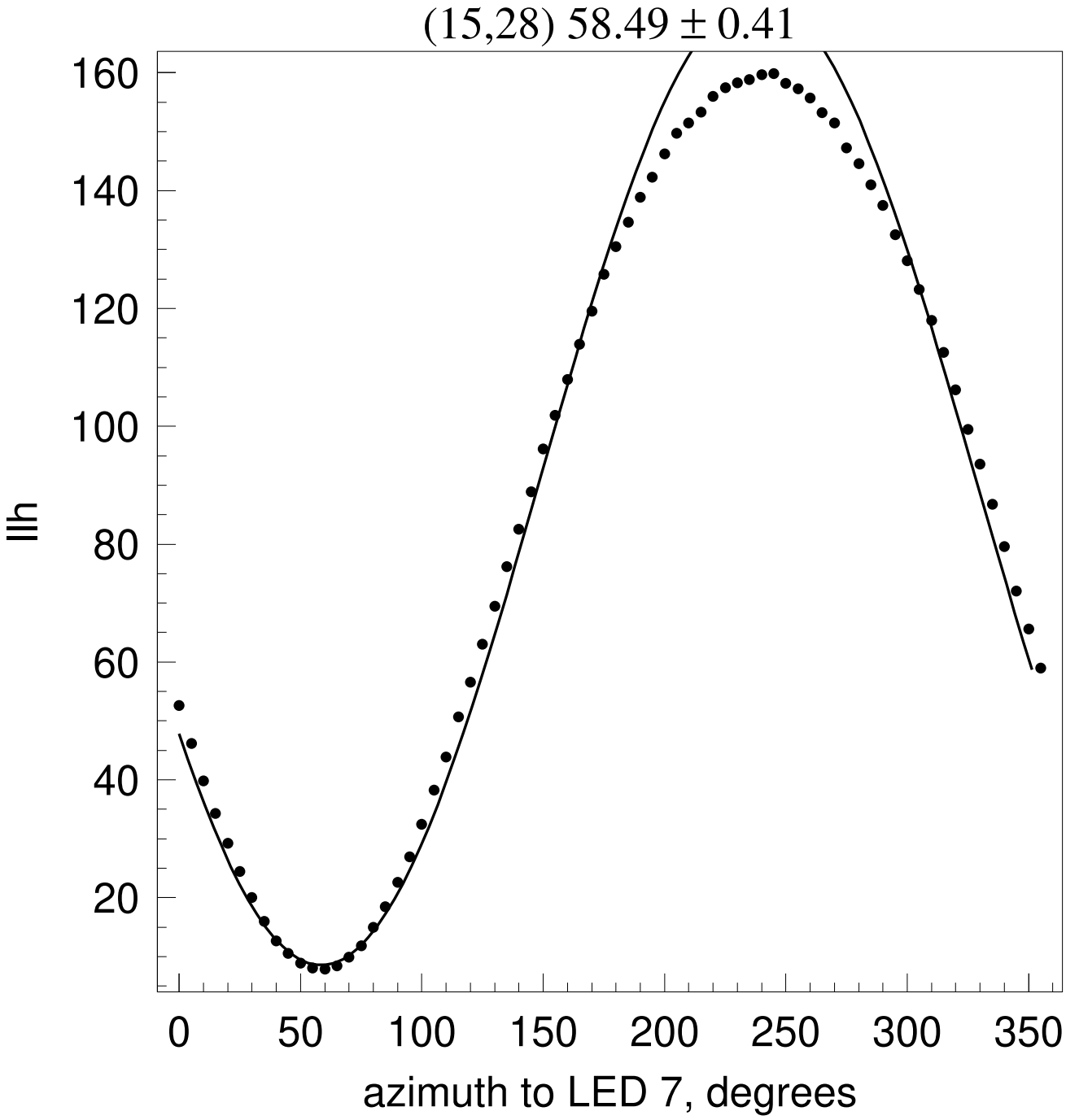

(15,23) 199.51 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

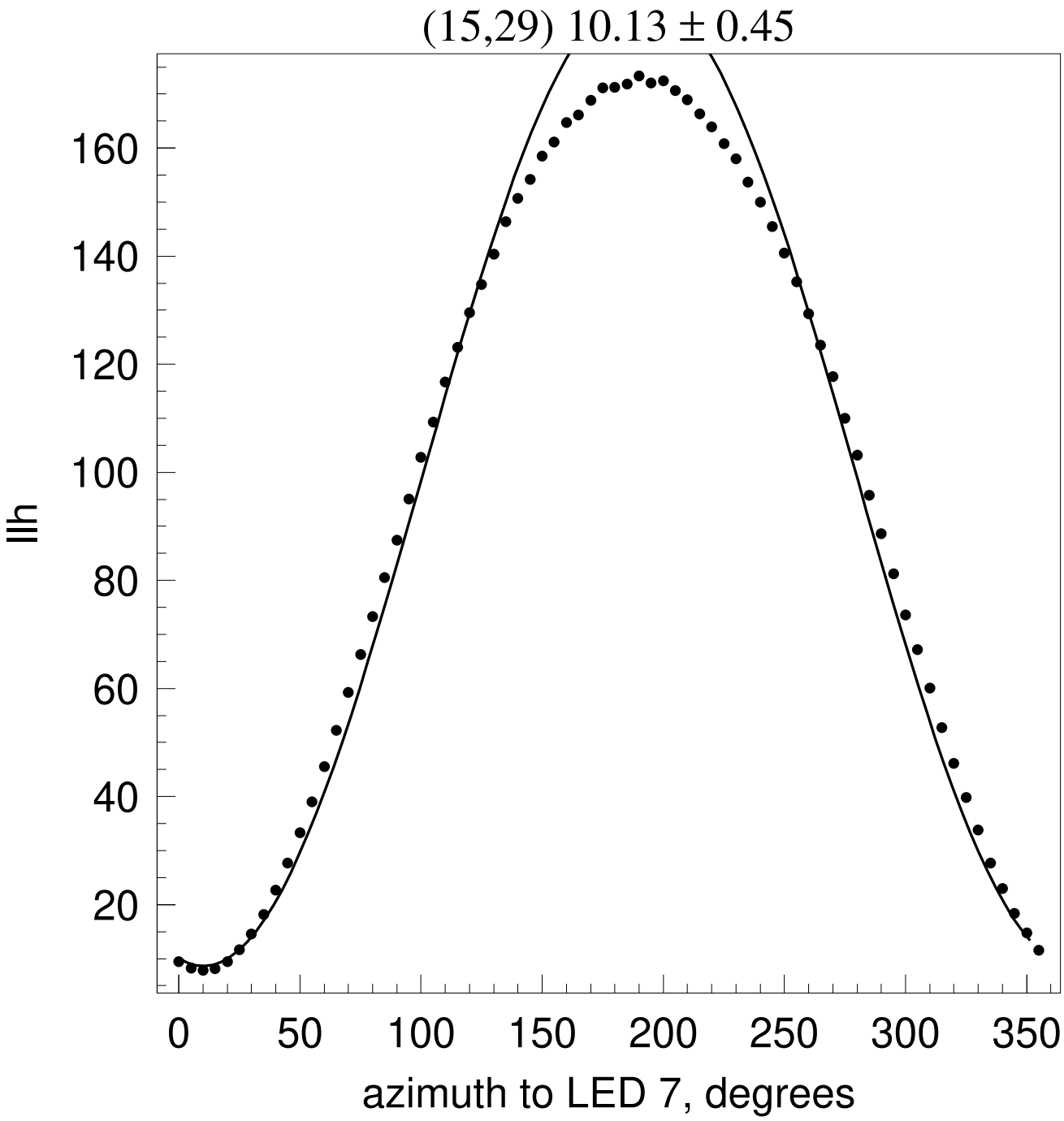

(15,24) 131.77 ± 0.18
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

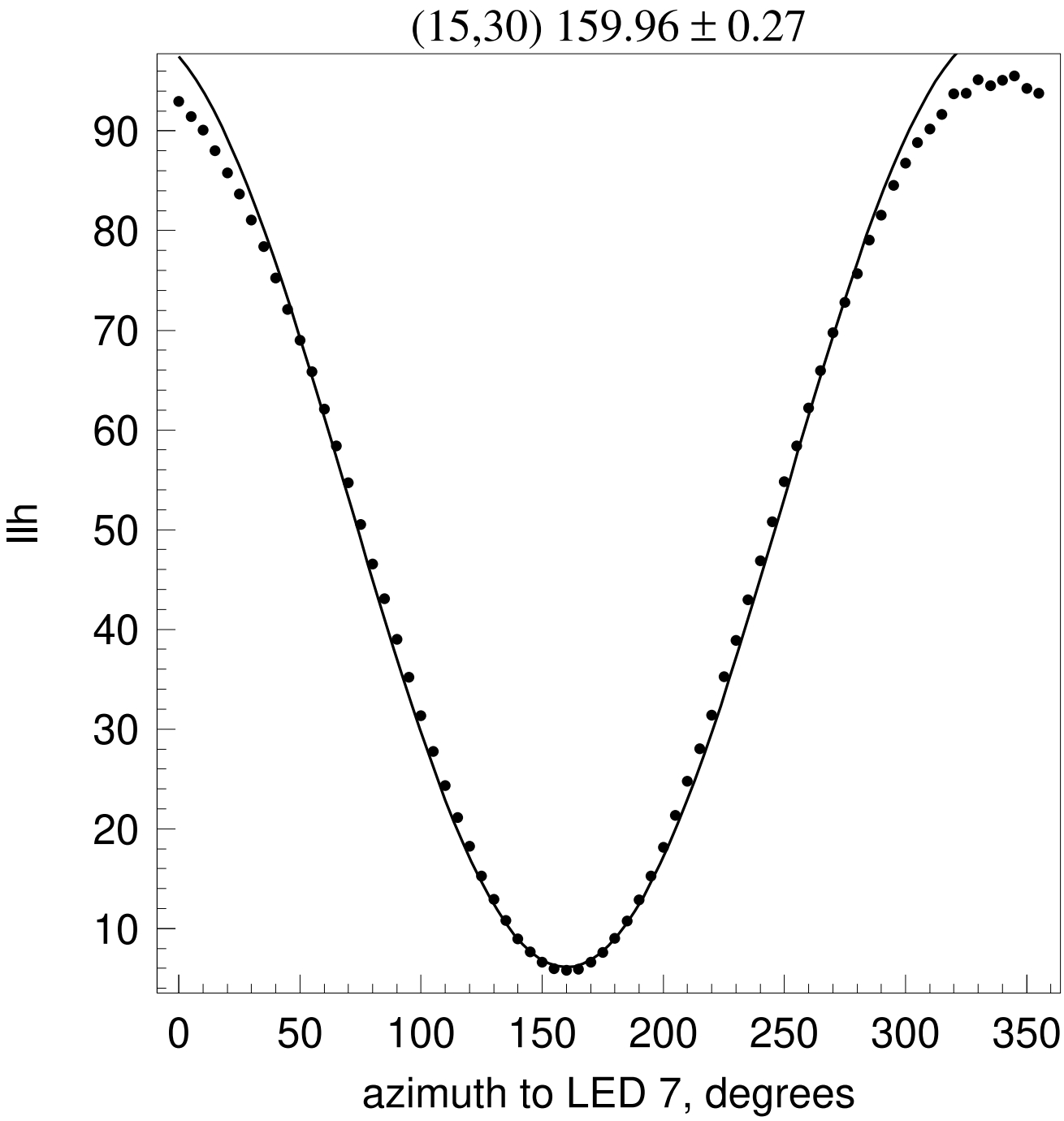

(15,25) 91.03 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

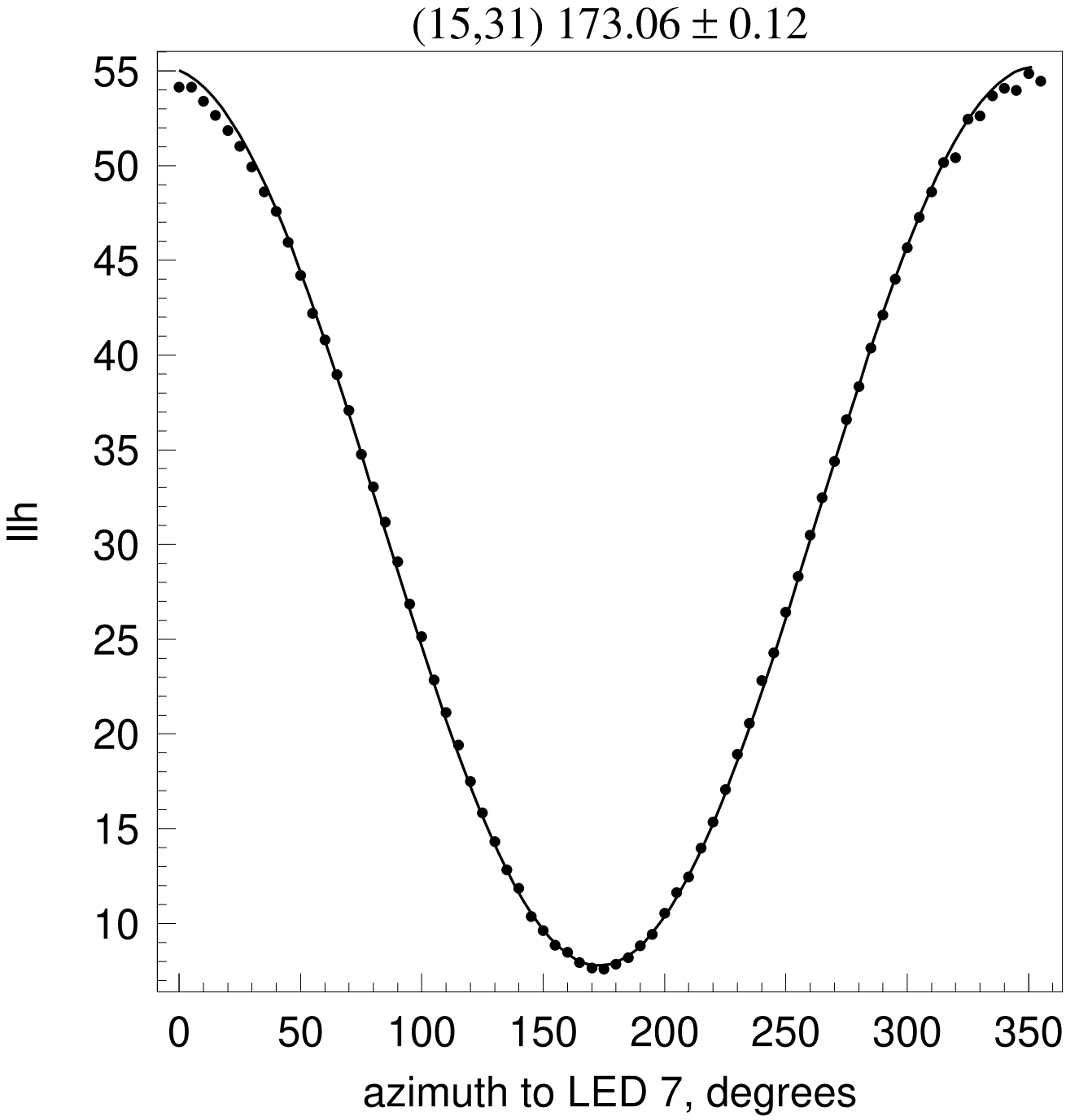

(15,26) 328.39 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

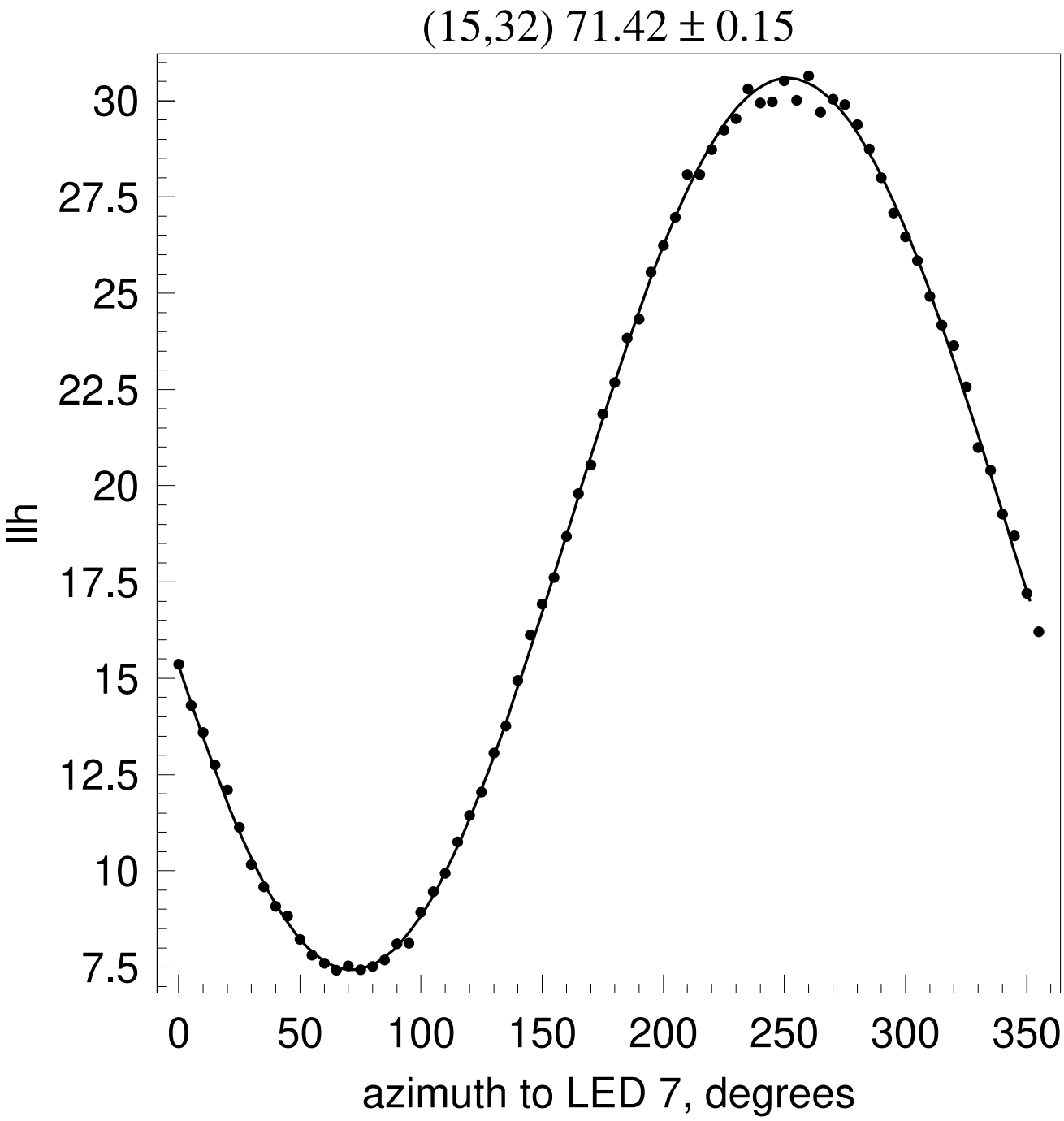

(15,27) 23.56 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

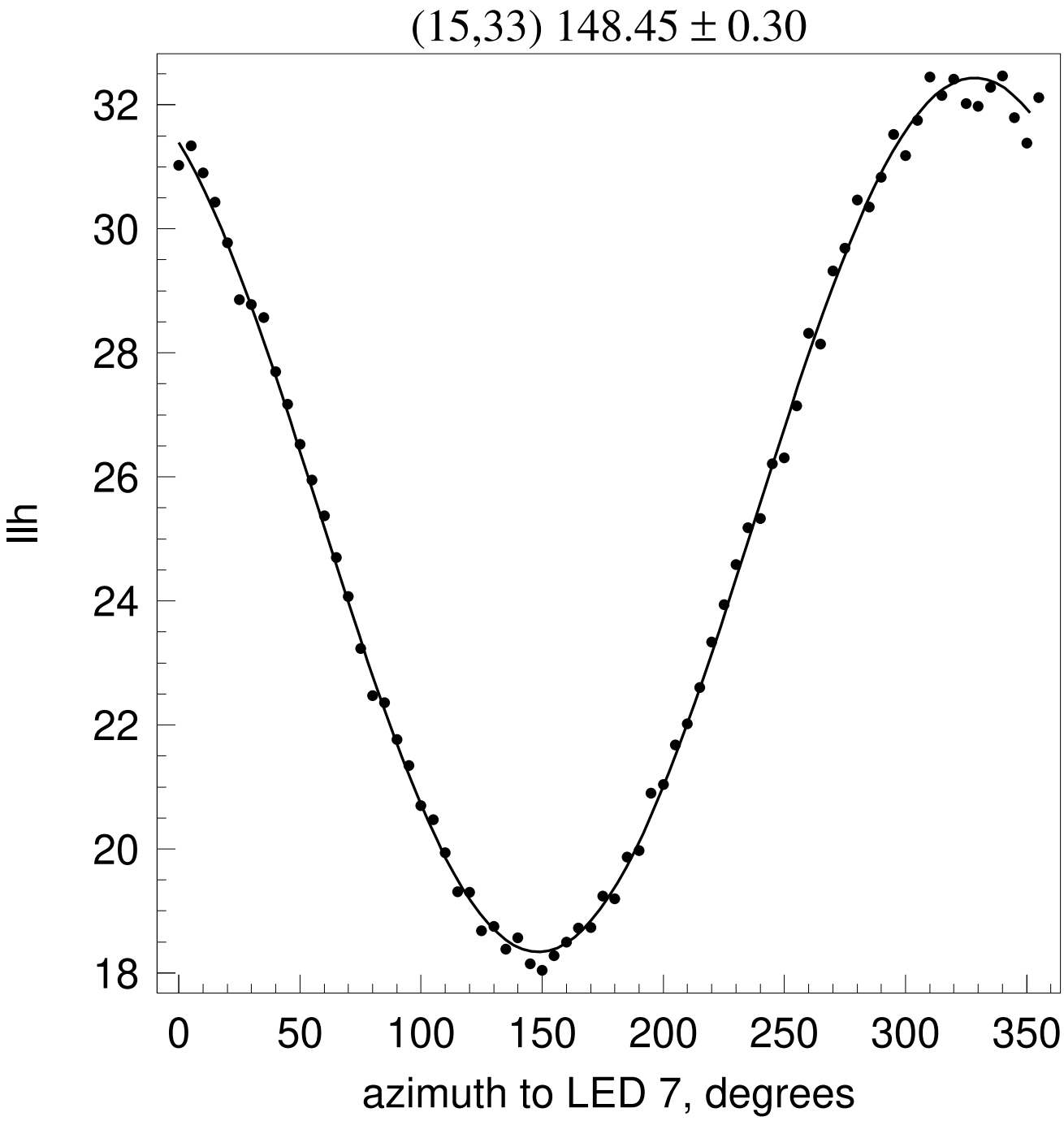

(15,28) 58.49 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

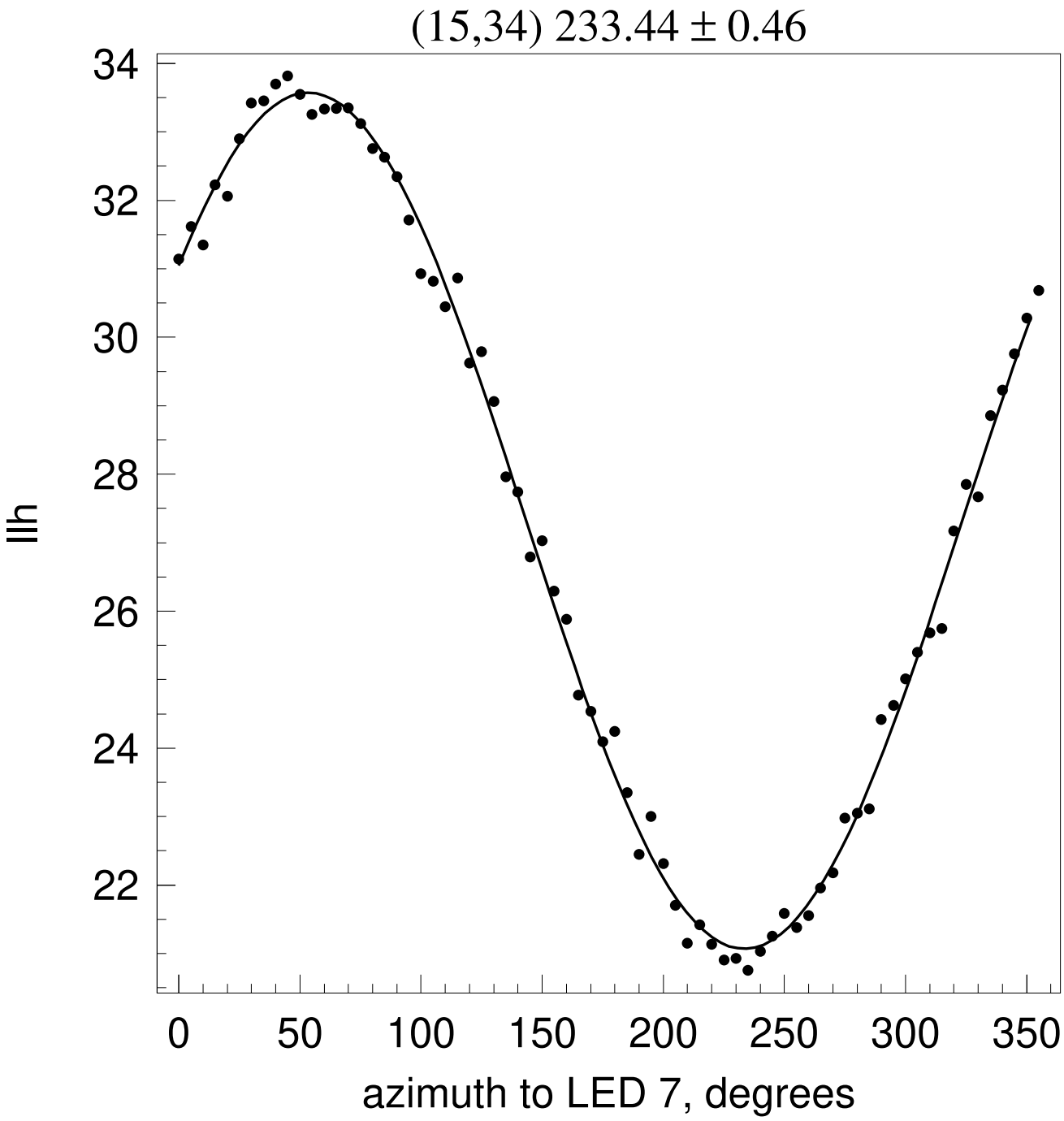

(15,29) 10.13 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

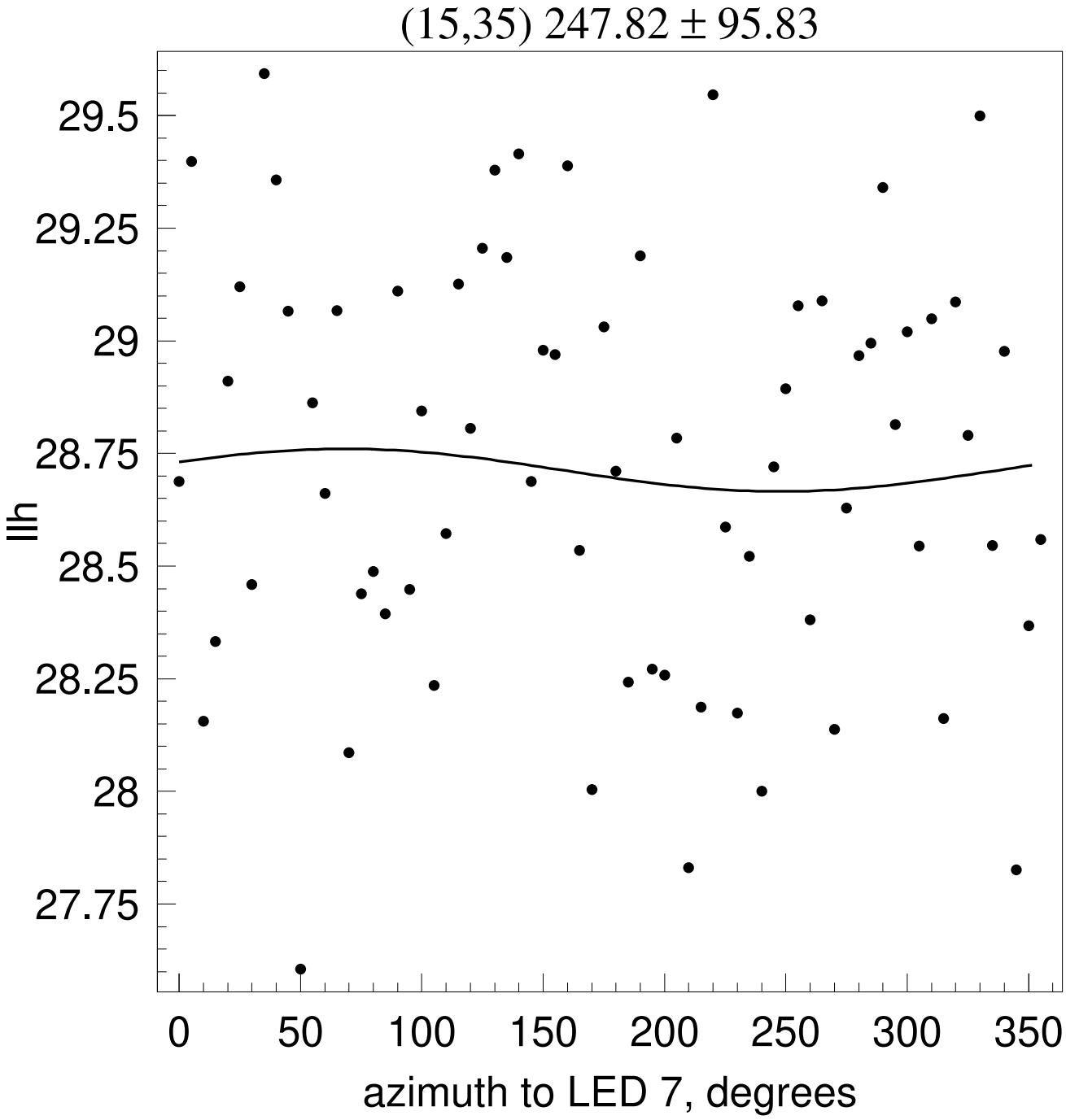

(15,30) 159.96 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

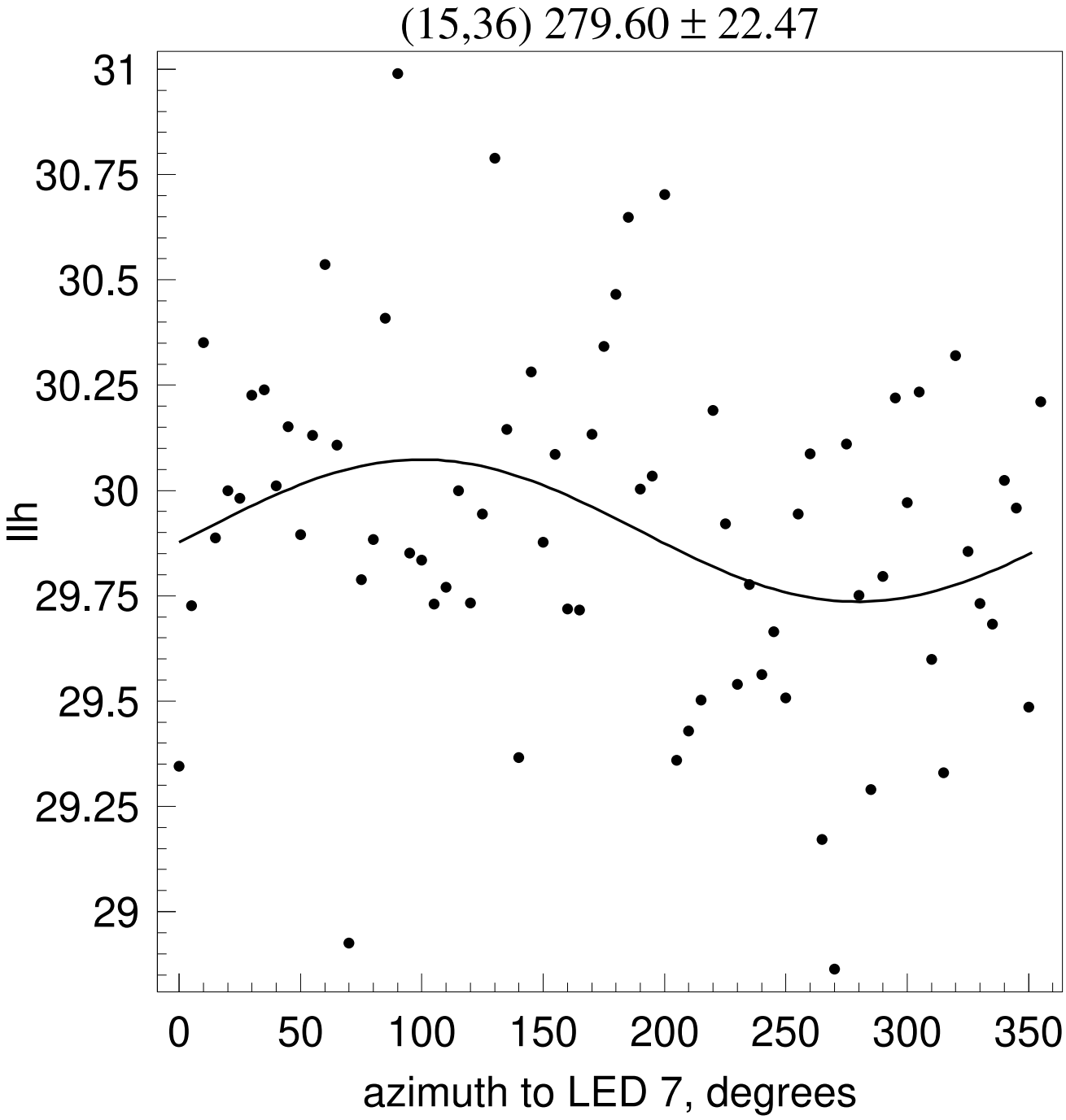

(15,31) 173.06 ± 0.12
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

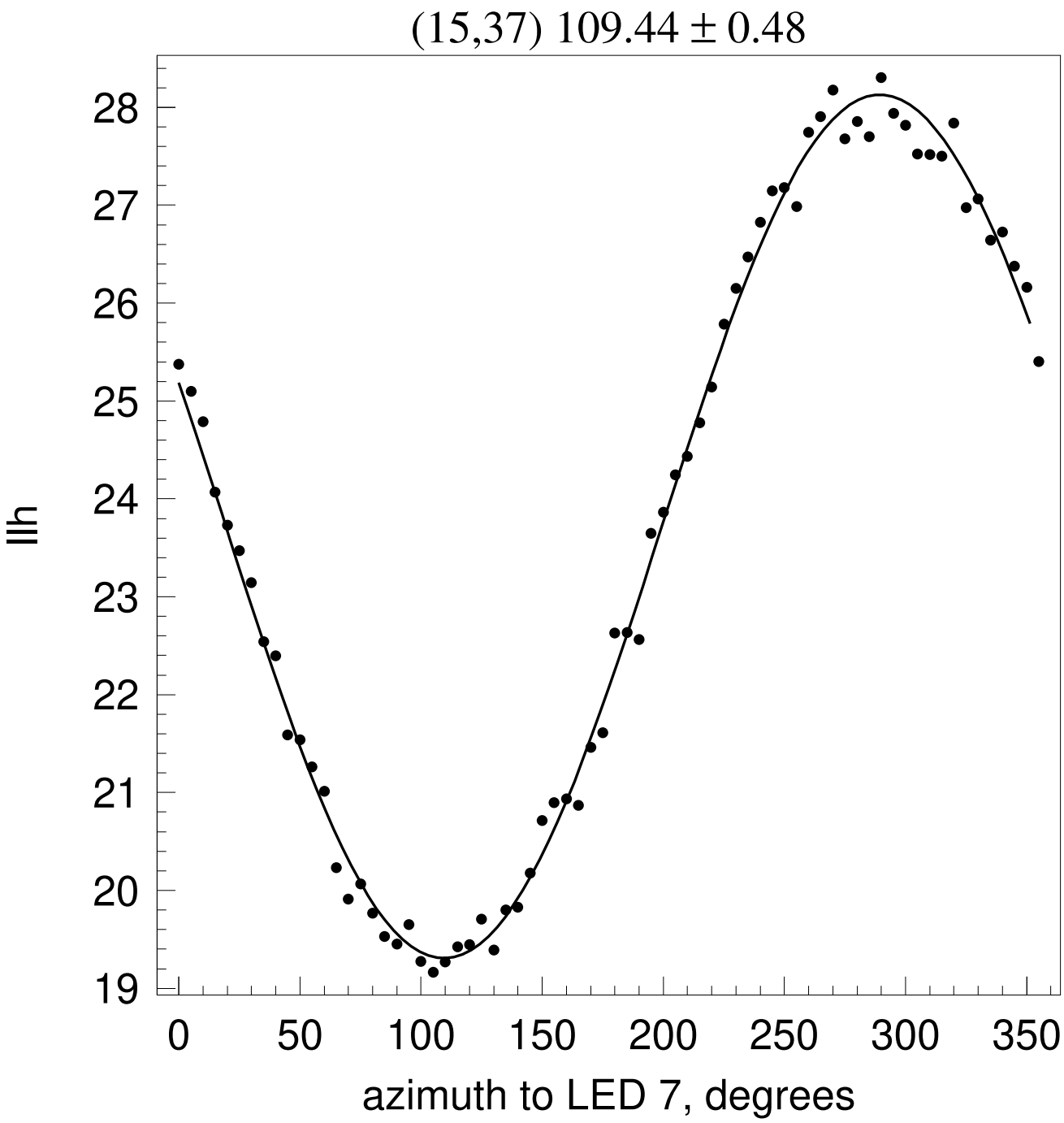

(15,32) 71.42 ± 0.15
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

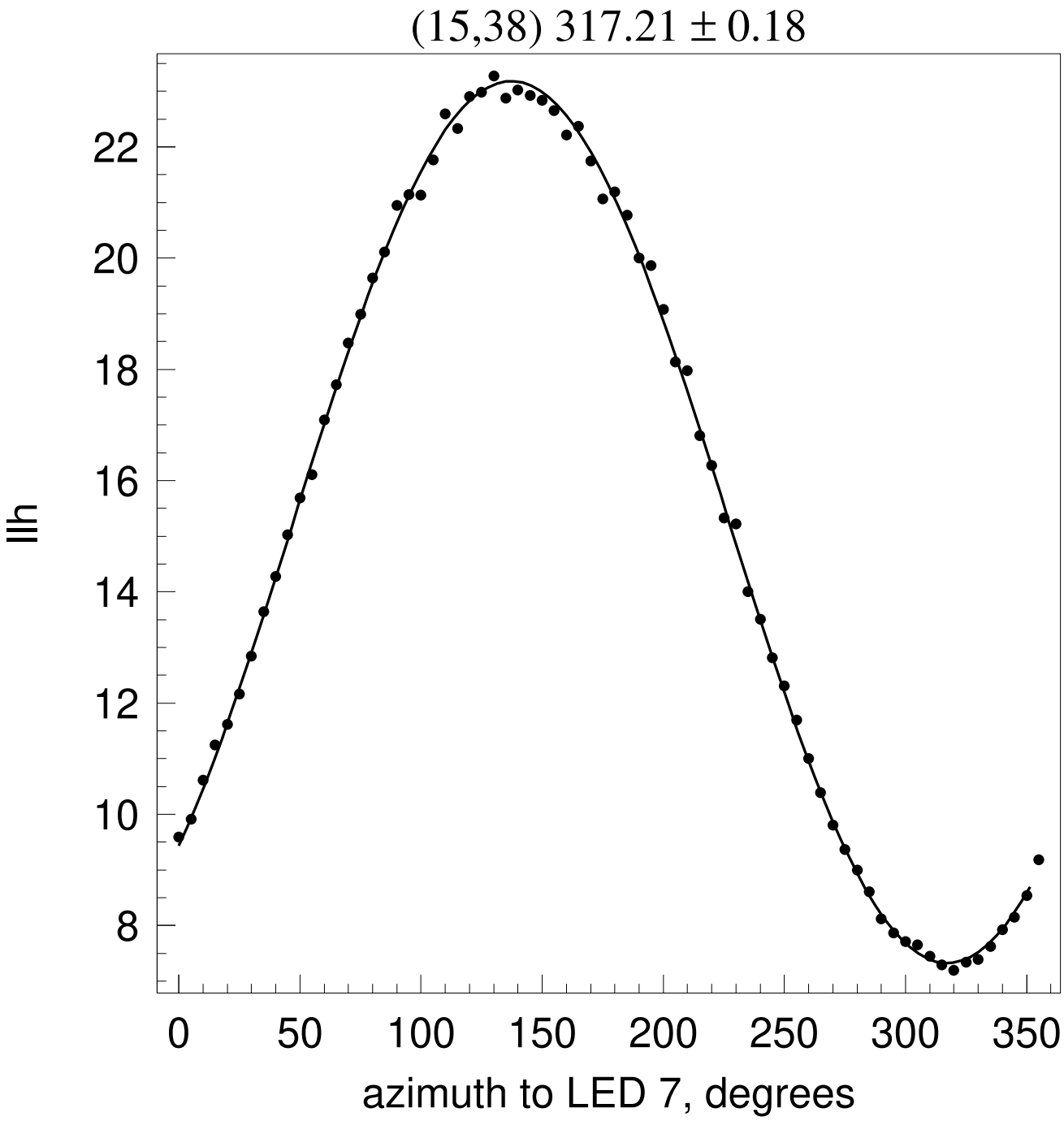

(15,33) 148.45 ± 0.30
32
30
28
26
24
22
20
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

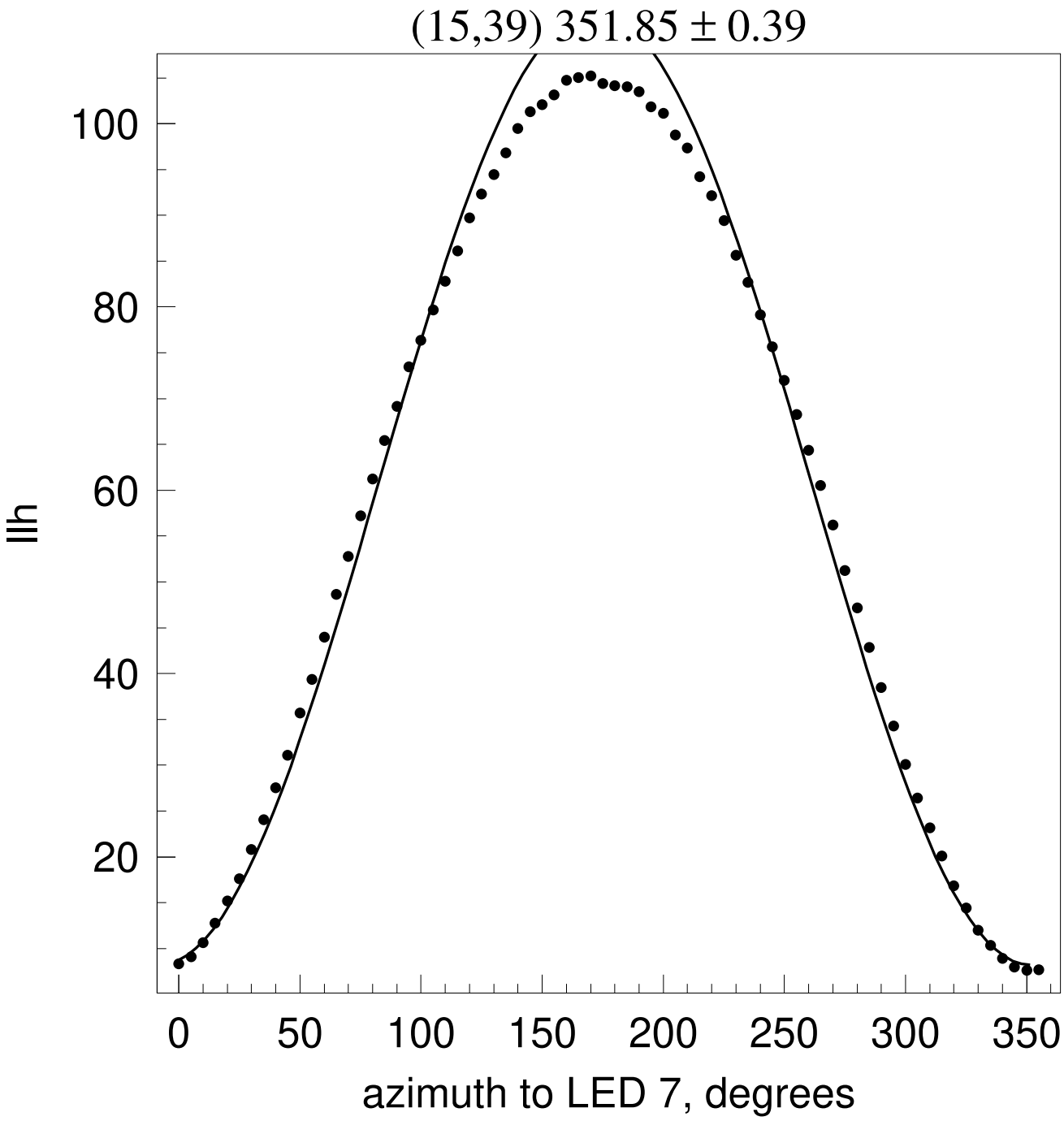

(15,34) 233.44 ± 0.46
34
32
30
28
26
24
22
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

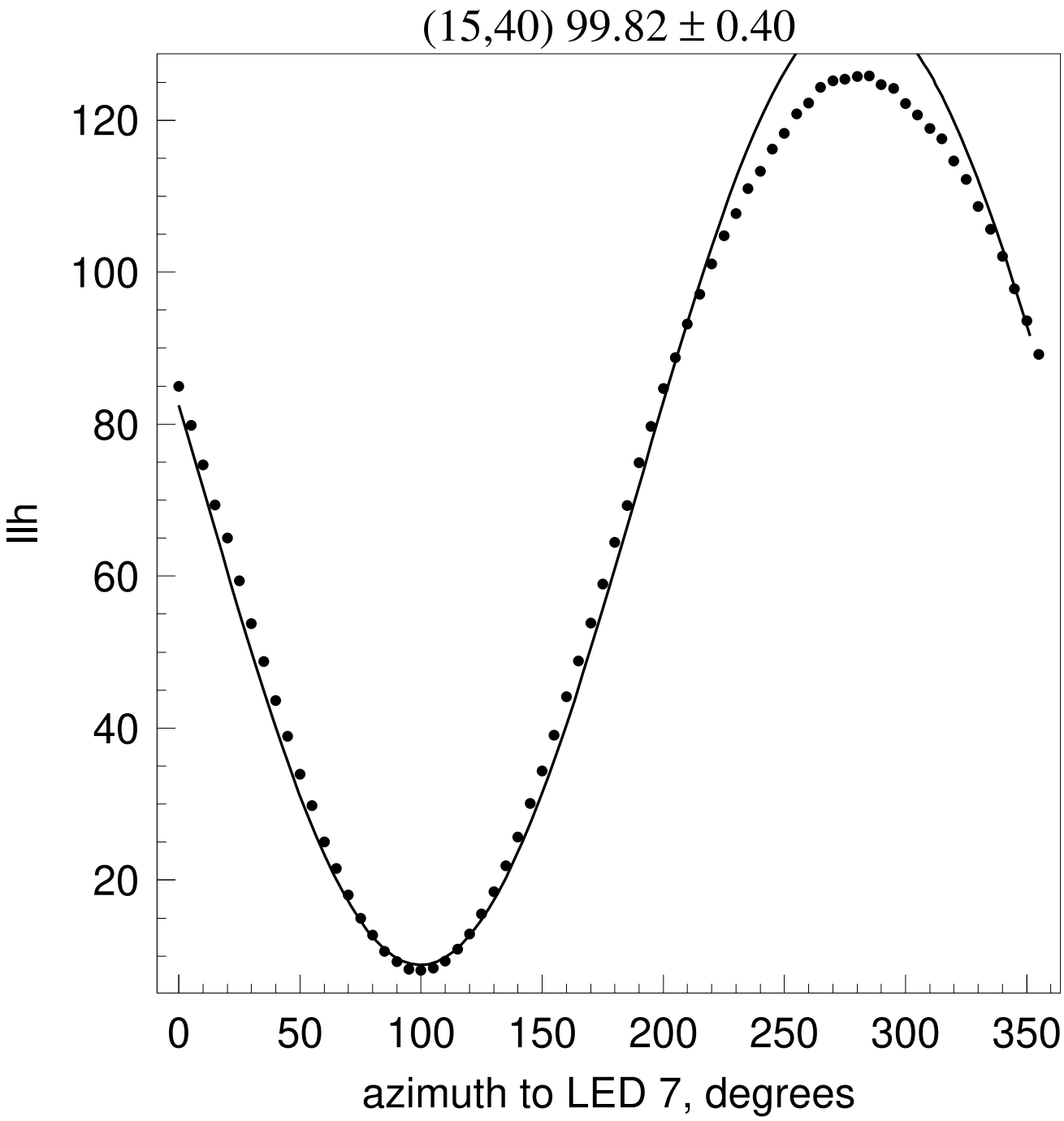

(15,35) 247.82 ± 95.83
29.5
29.25
29
28.75
28.5
28.25
28
27.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

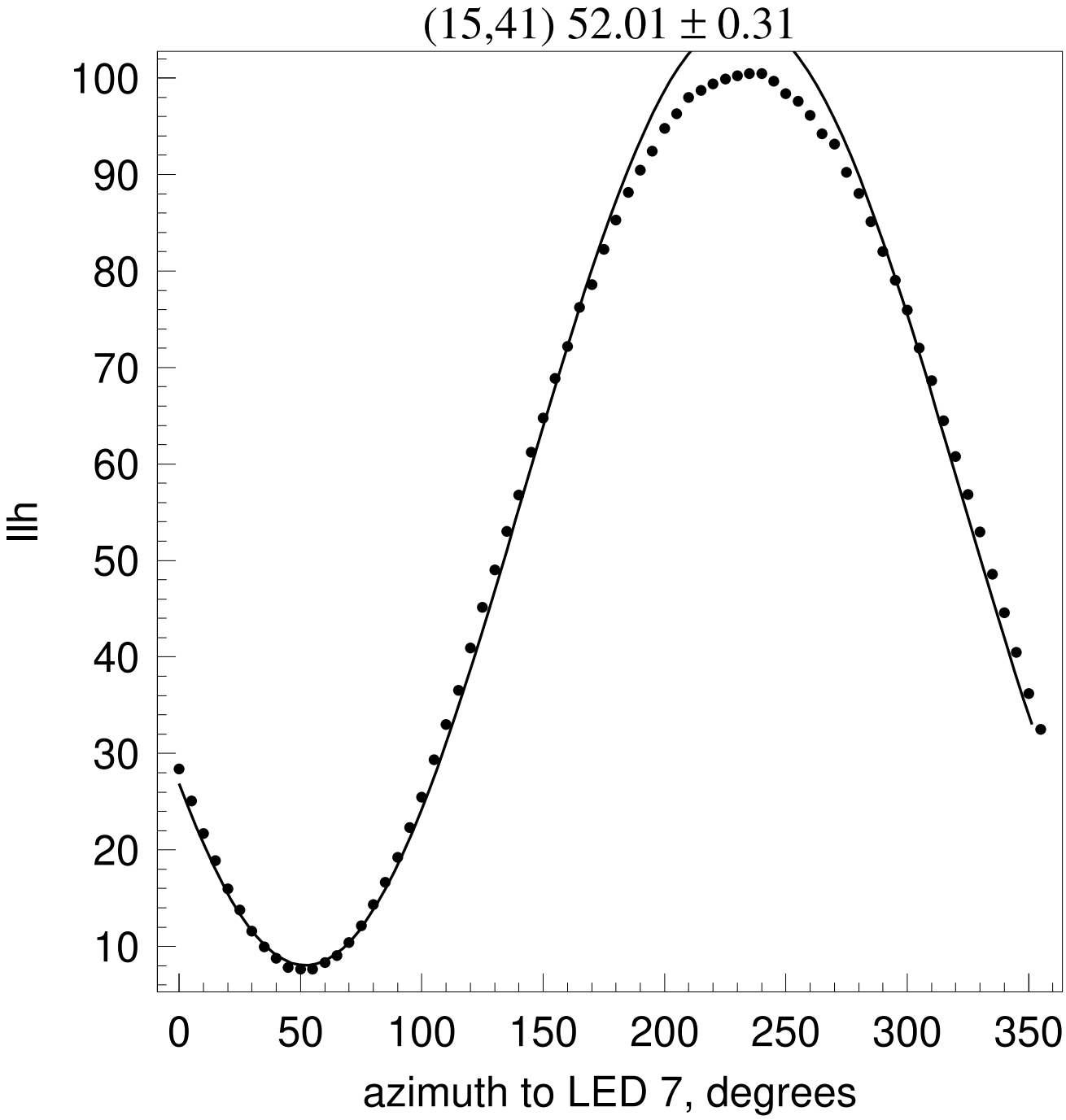

(15,36) 279.60 ± 22.47
31
30.75
30.5
30.25
30
29.75
29.5
29.25
29
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

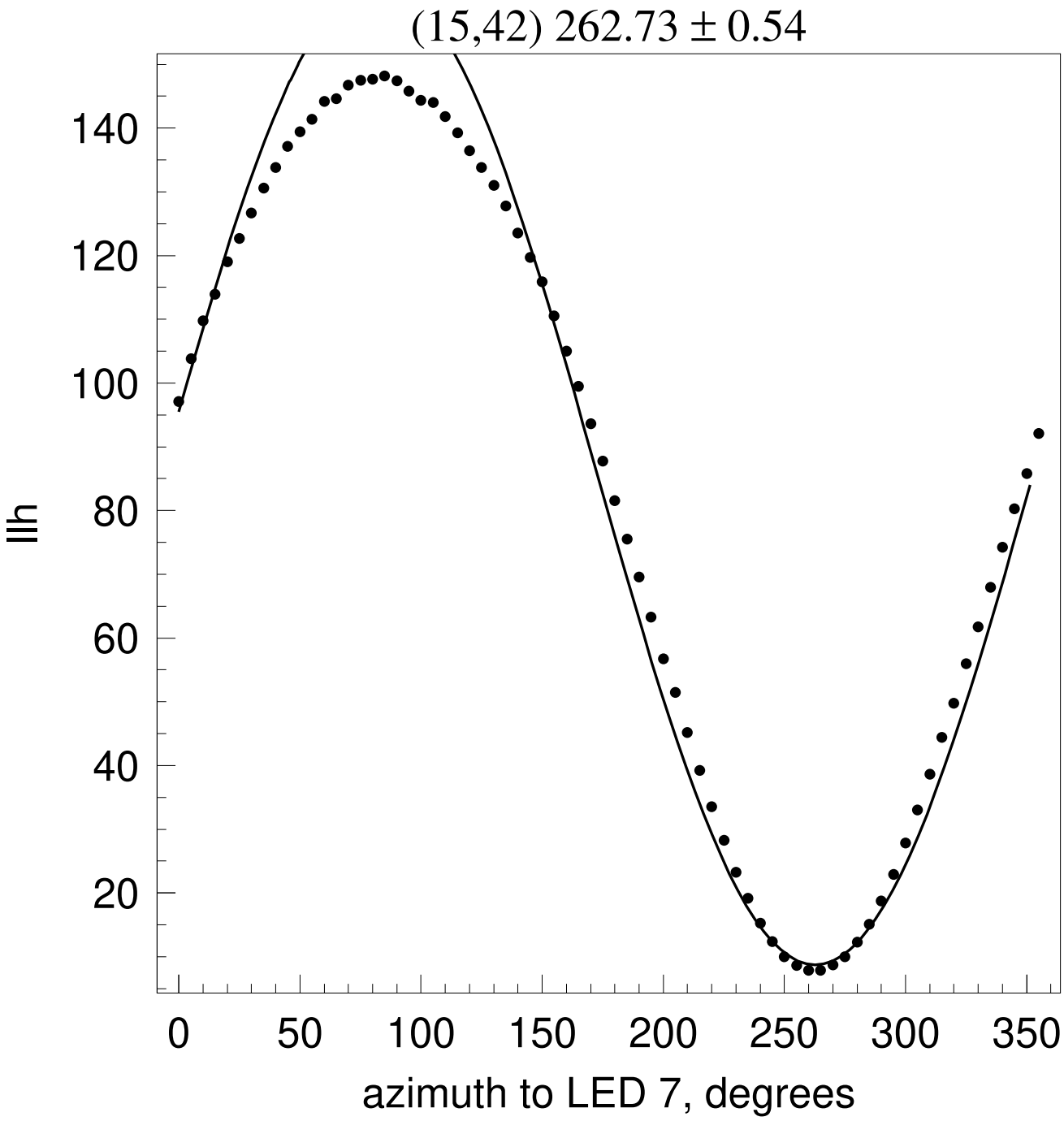

(15,37) 109.44 ± 0.48
28
27
26
25
24
23
22
21
20
19
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

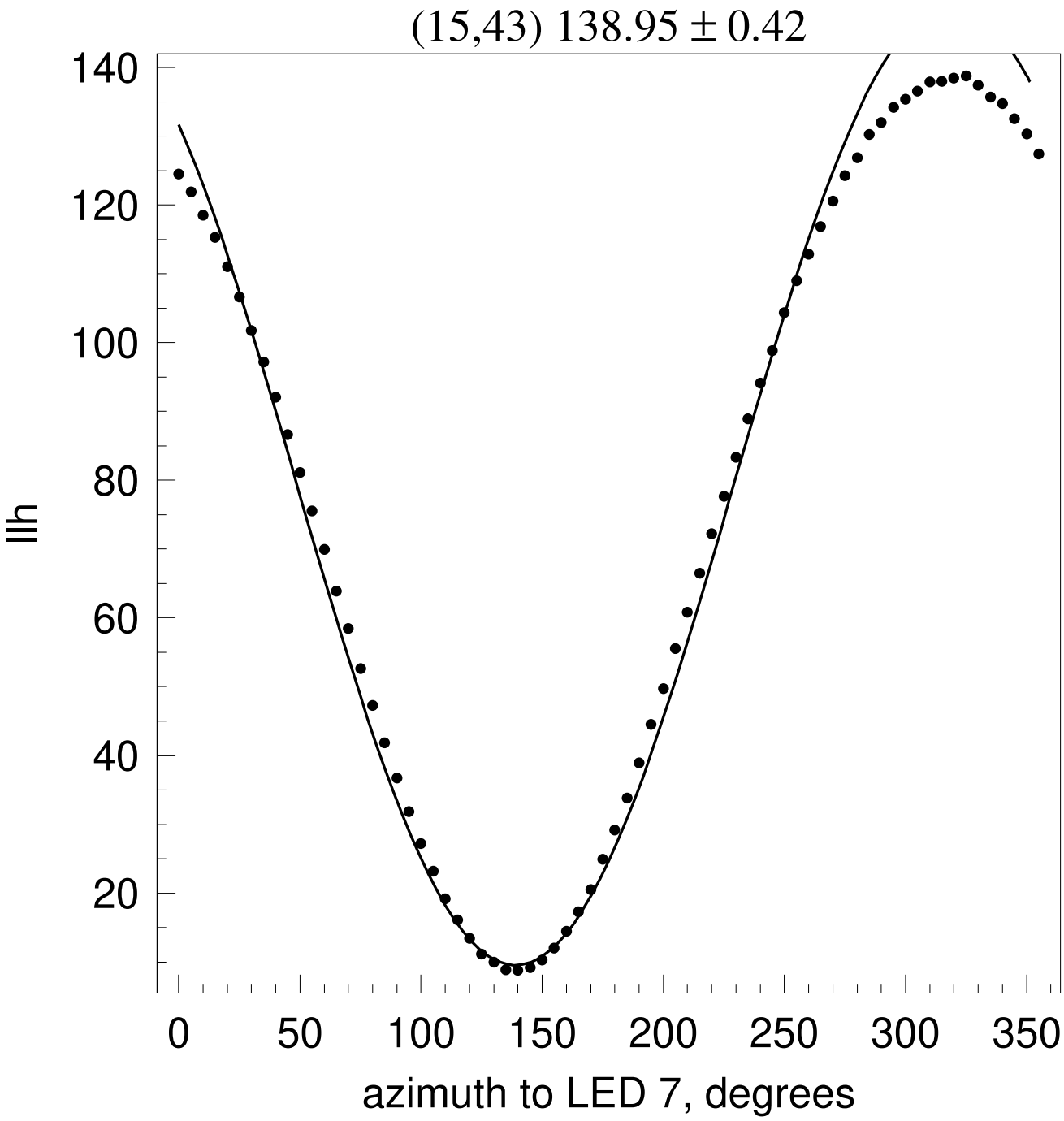

(15,38) 317.21 ± 0.18
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

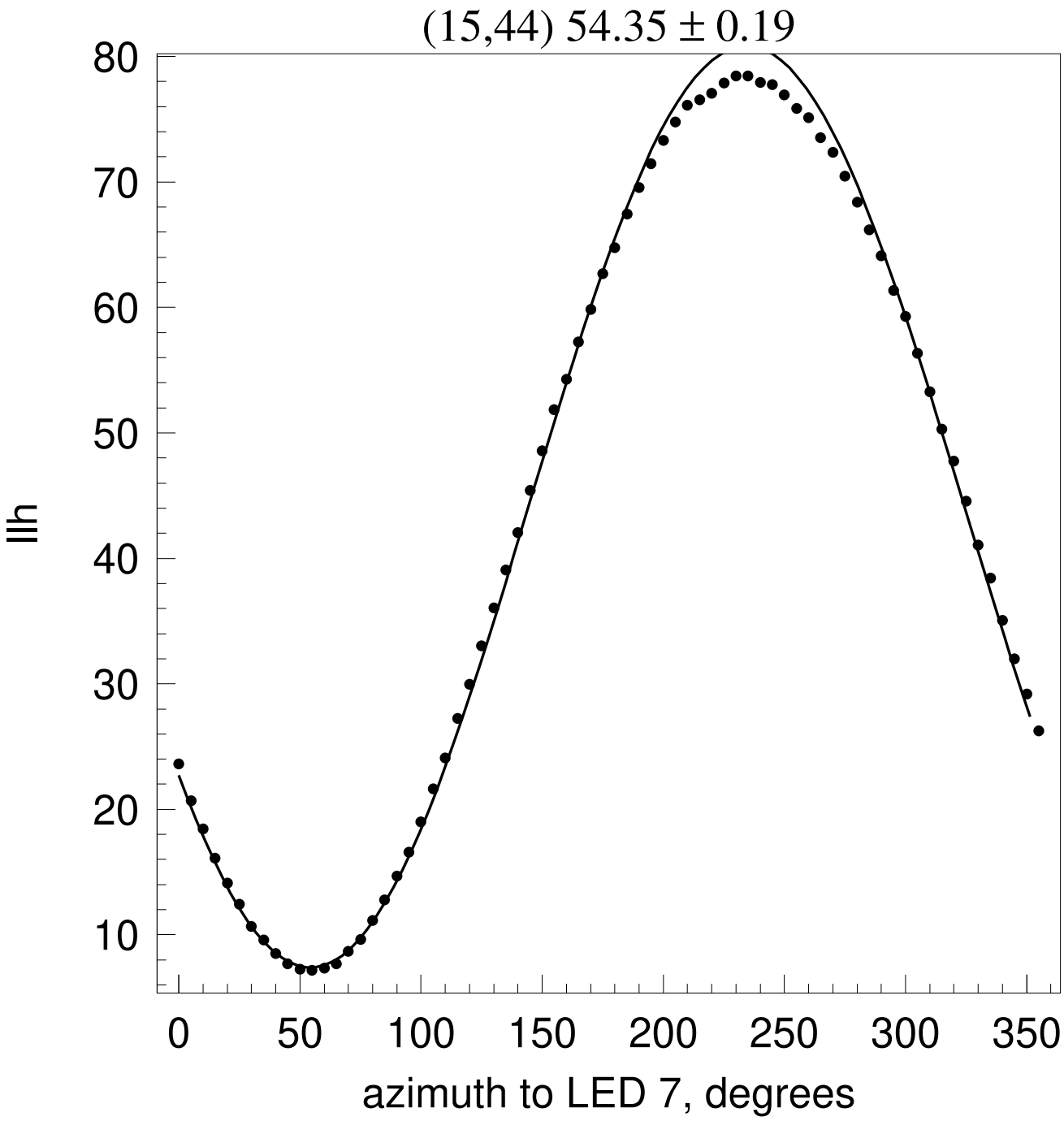

(15,39) 351.85 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

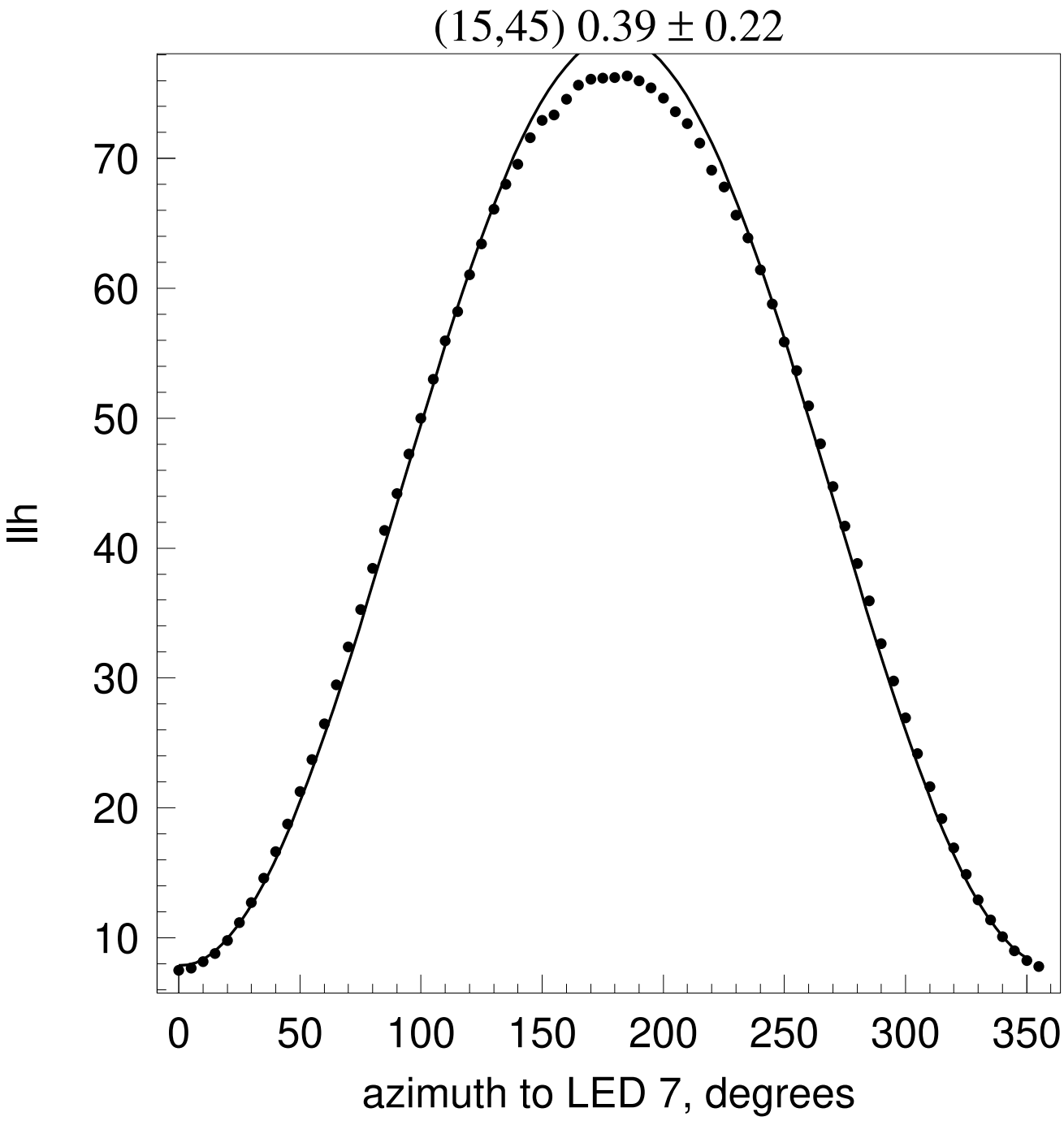

(15,40) 99.82 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

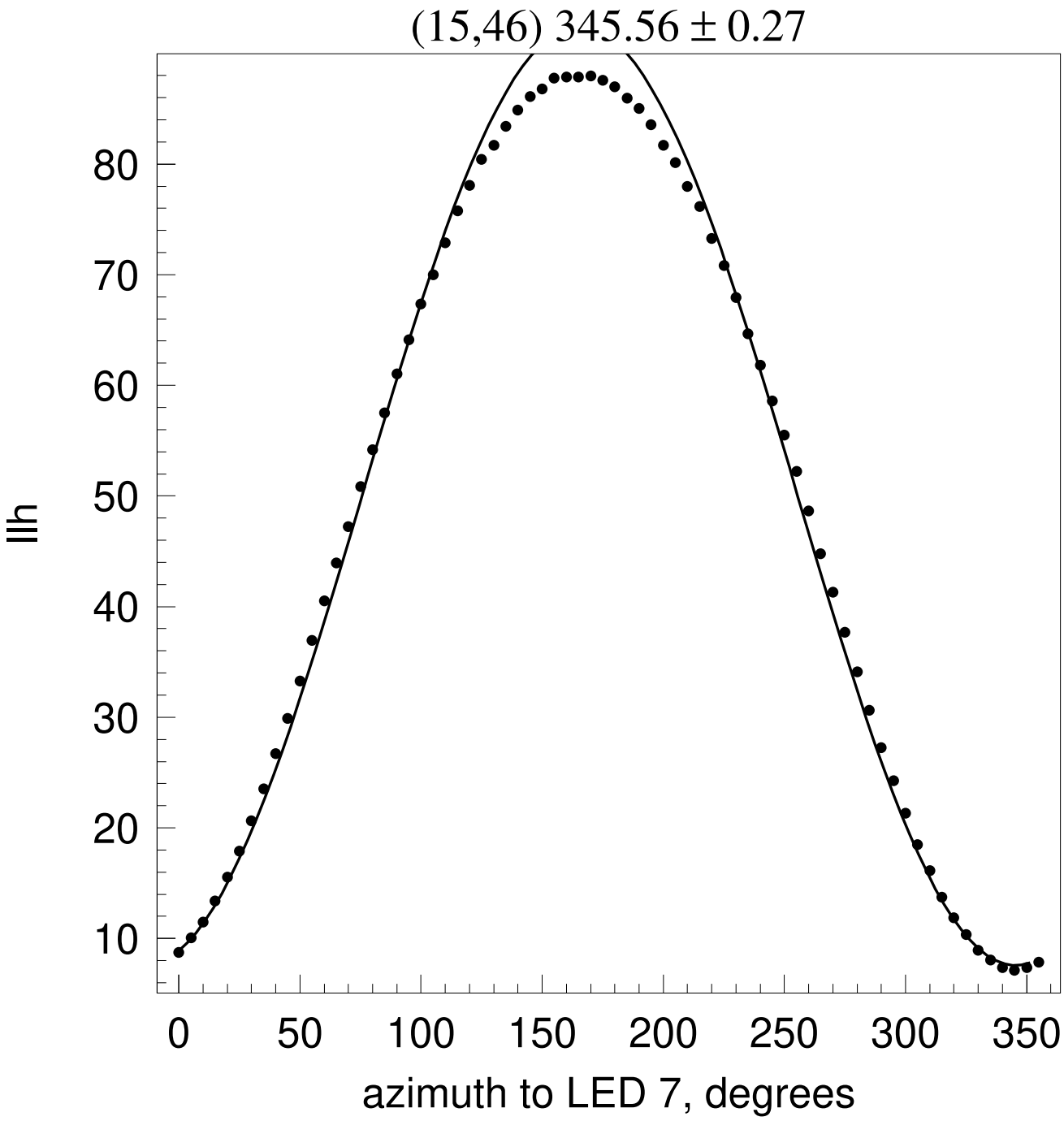

(15,41) 52.01 ± 0.31
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

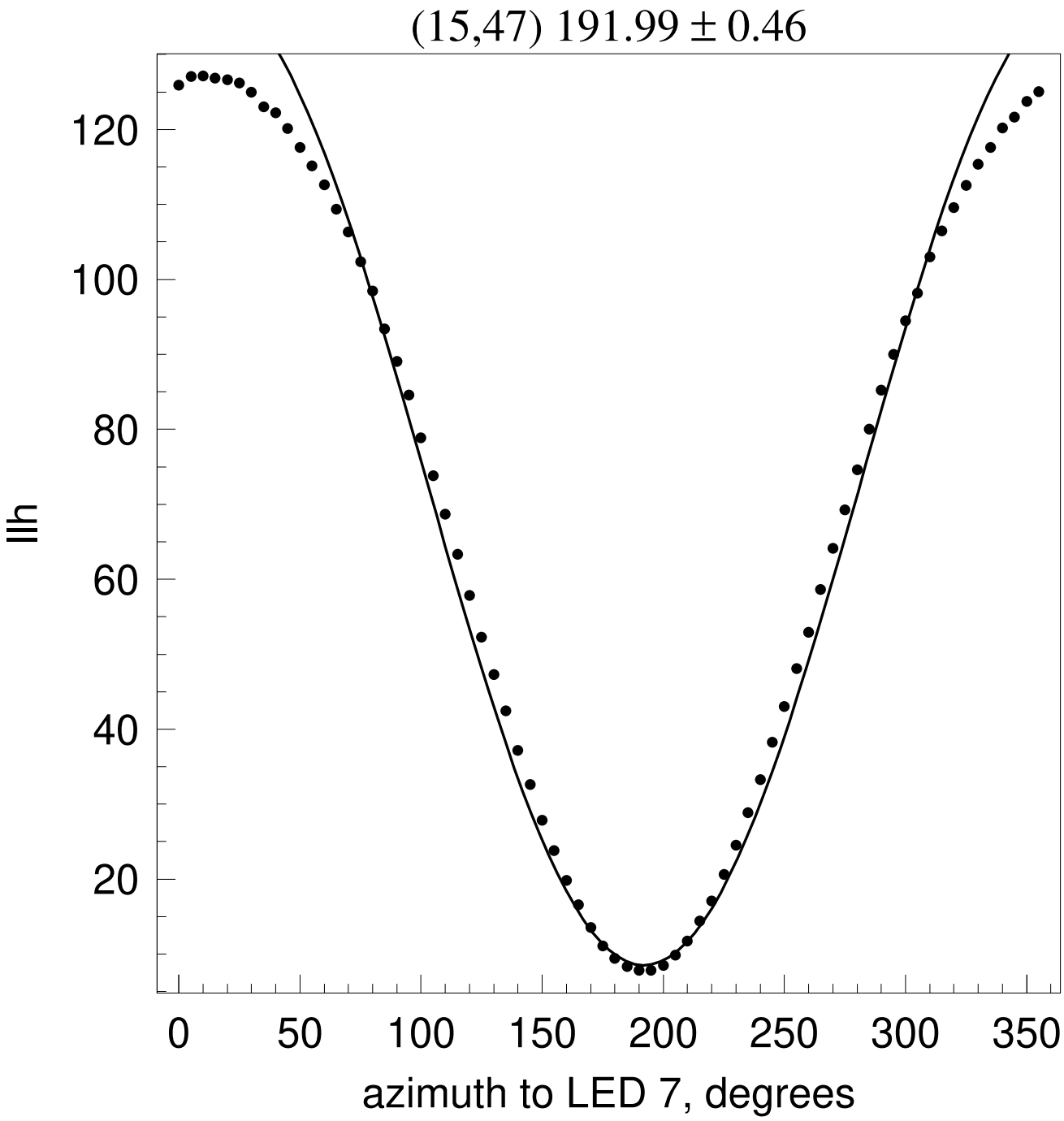

(15,42) 262.73 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

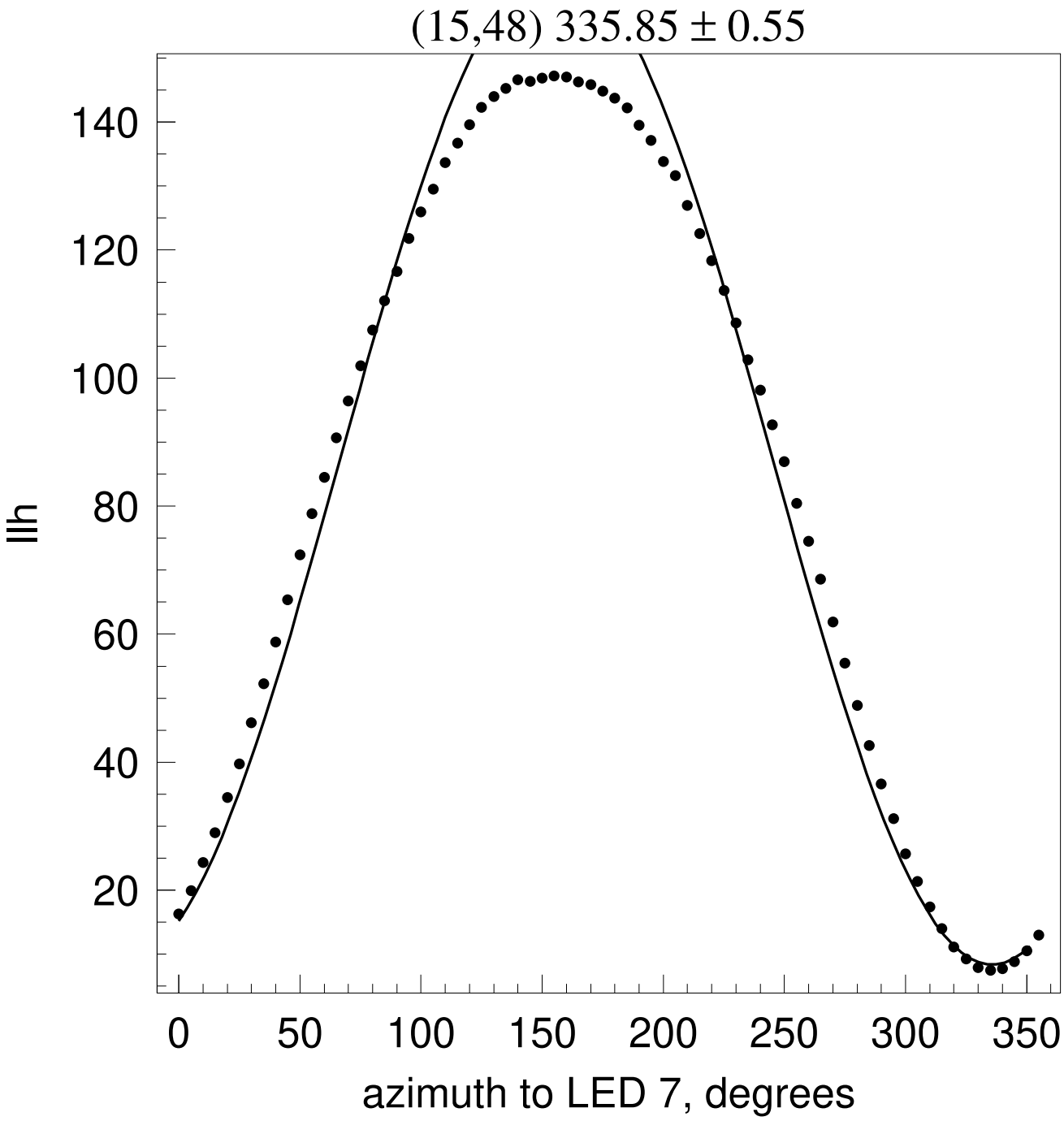

(15,43) 138.95 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

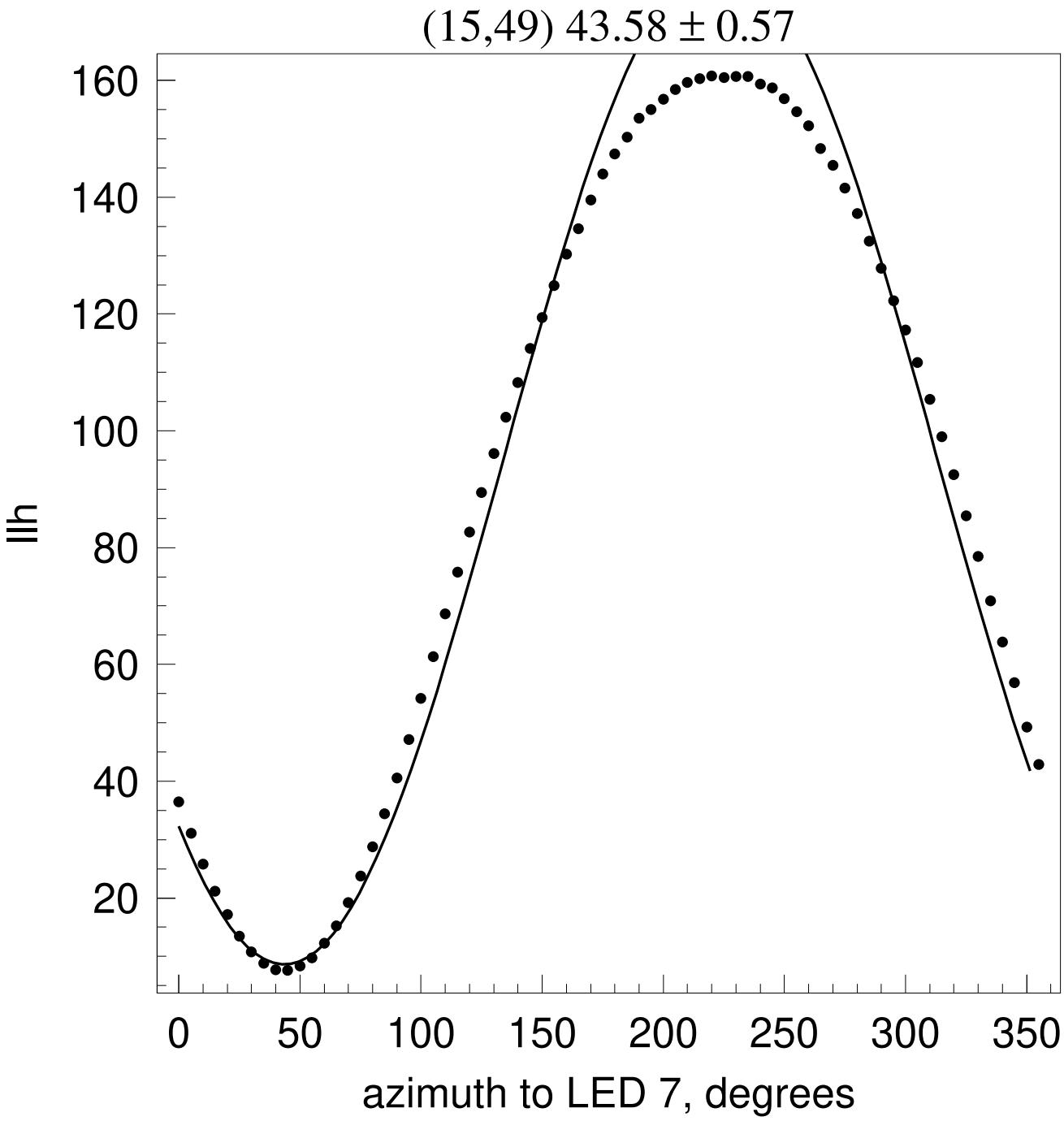

(15,44) 54.35 ± 0.19
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

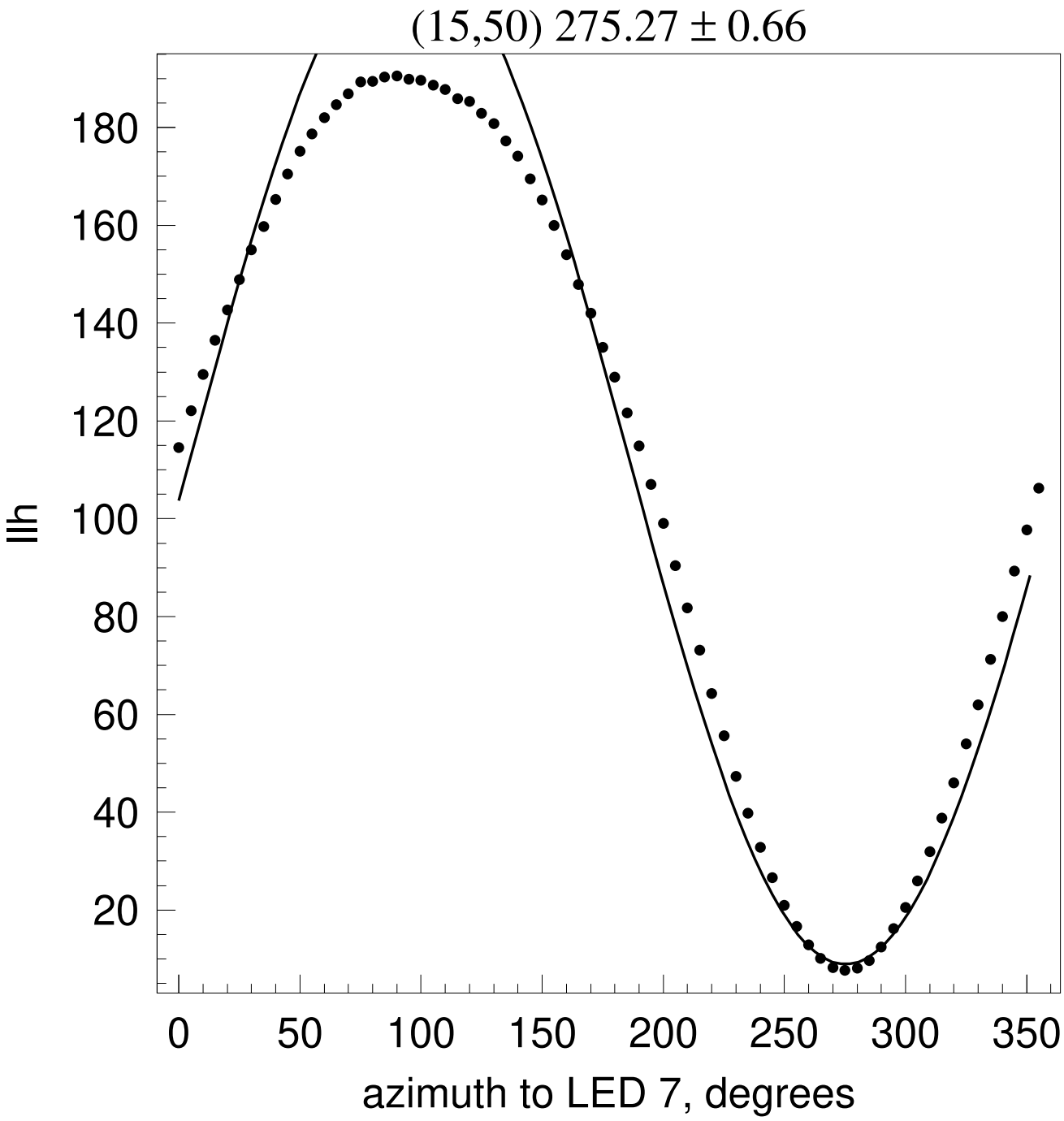

(15,45) 0.39 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

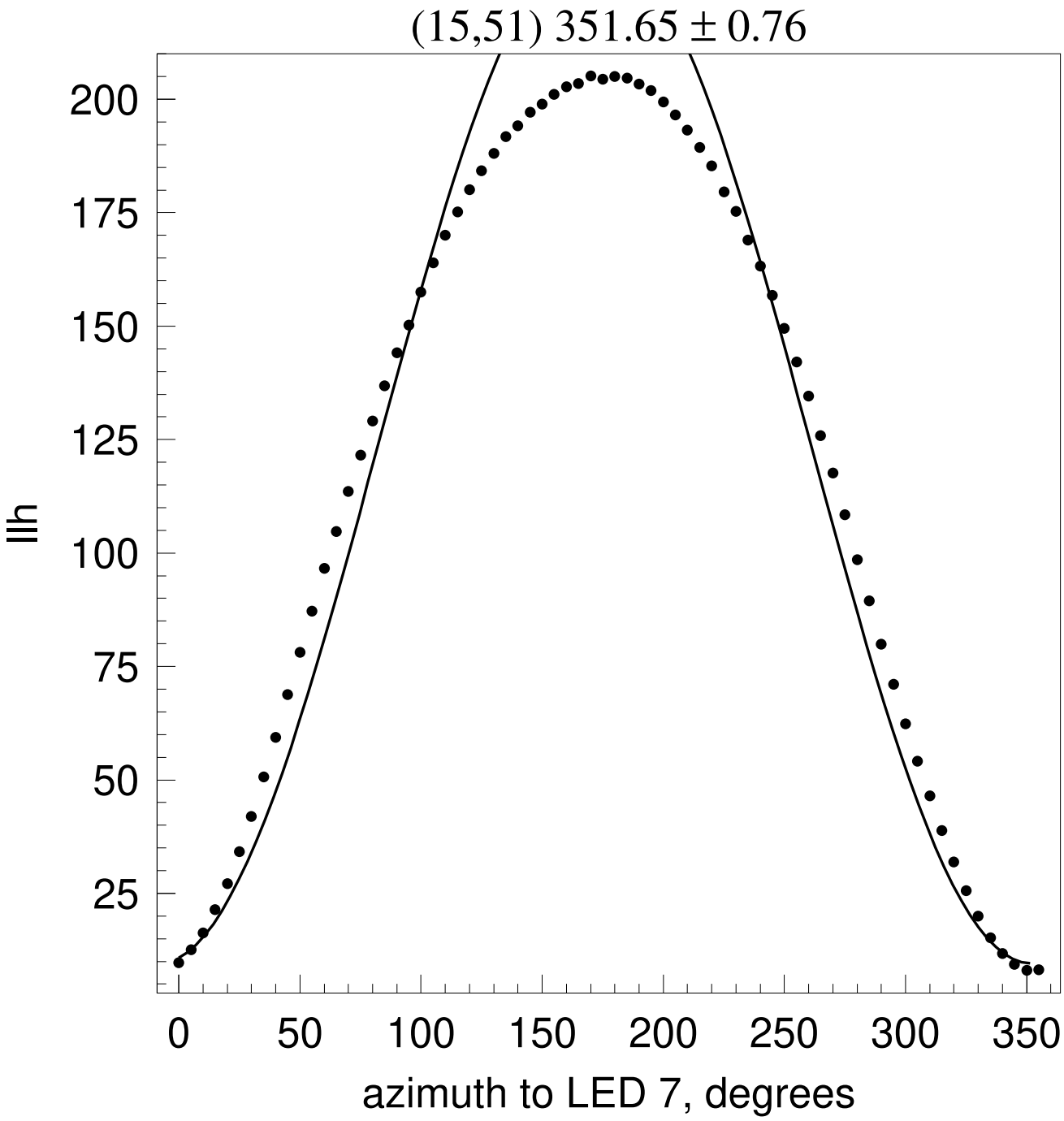

(15,46) 345.56 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

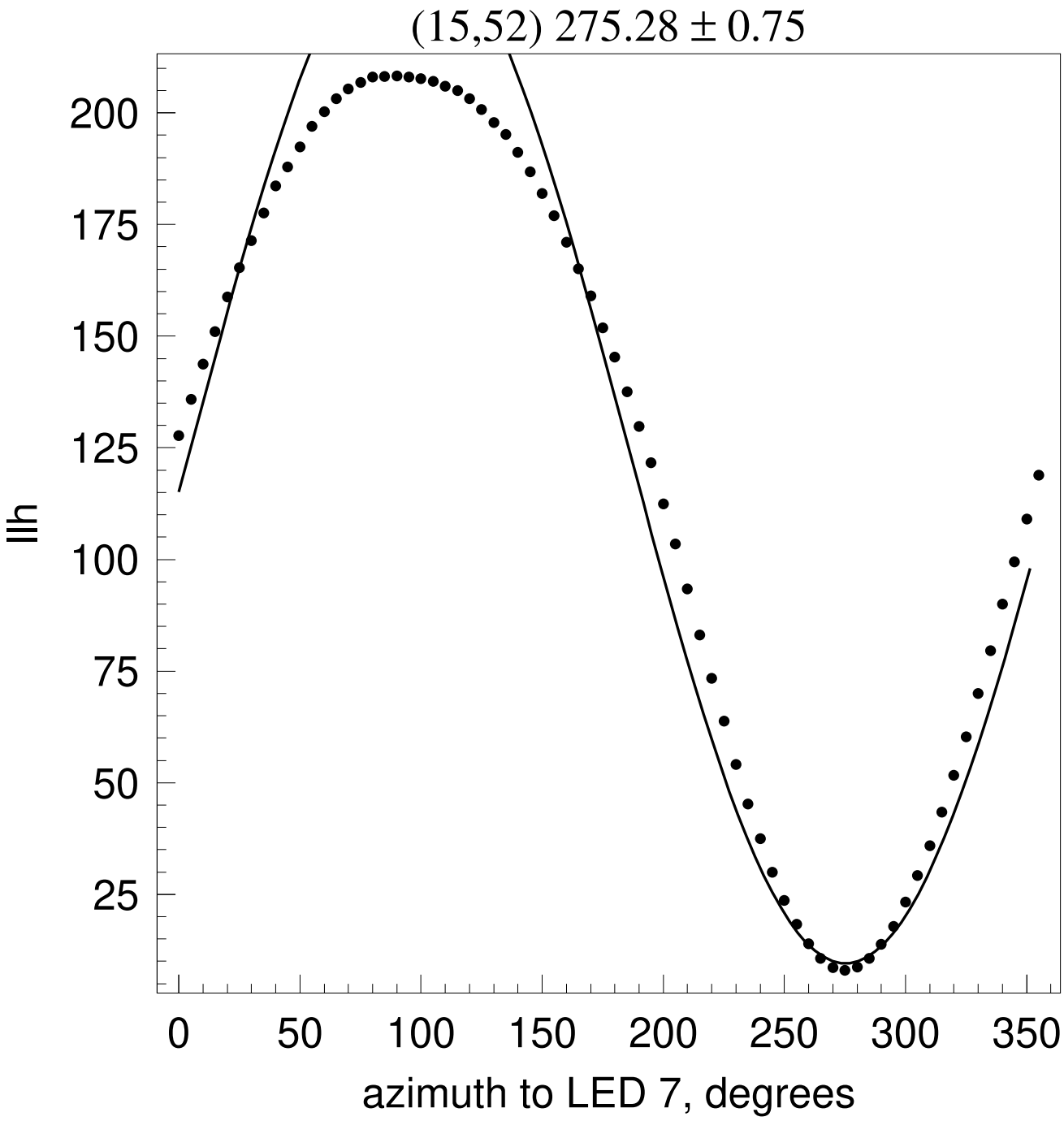

(15,47) 191.99 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

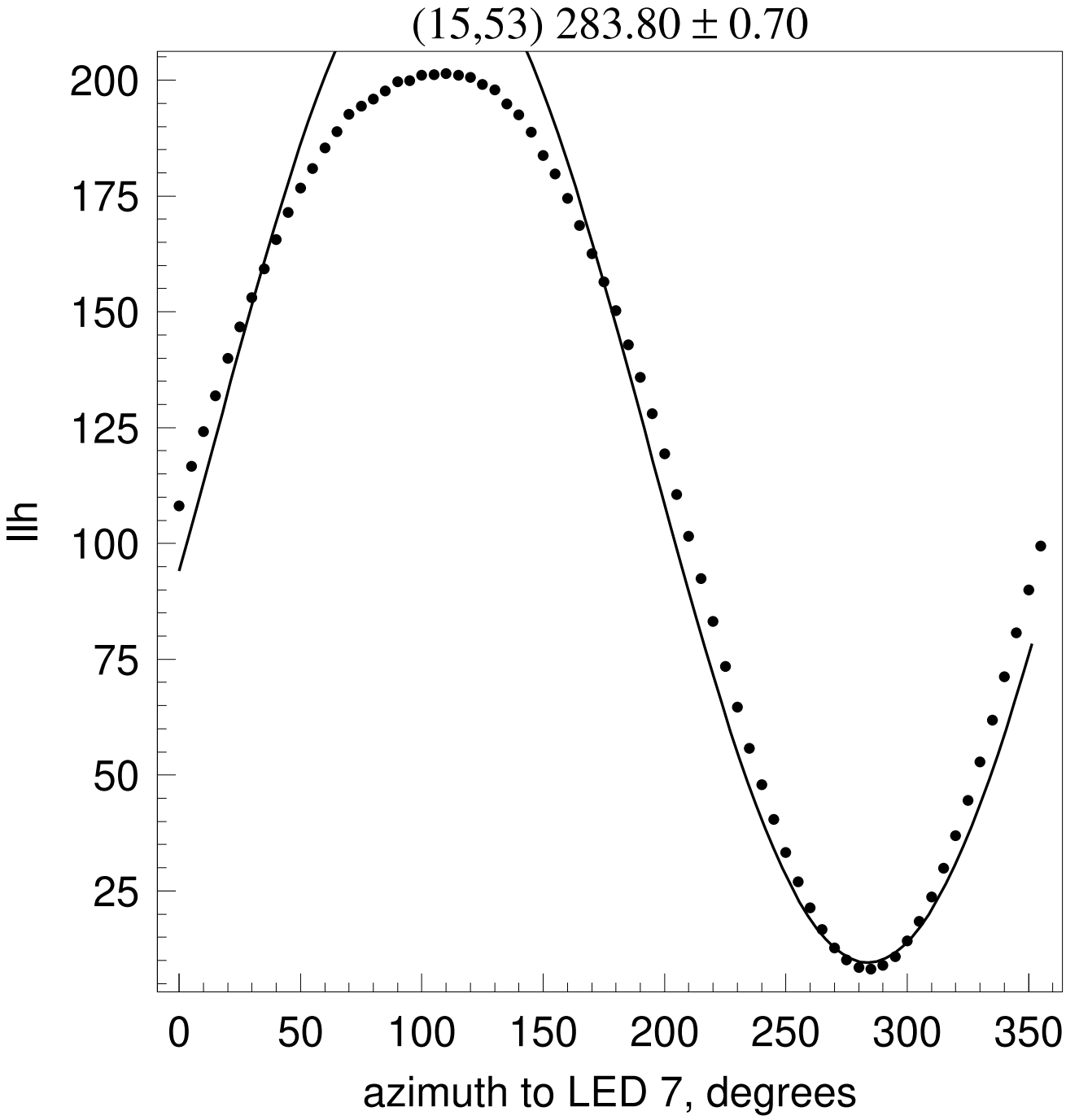

(15,48) 335.85 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

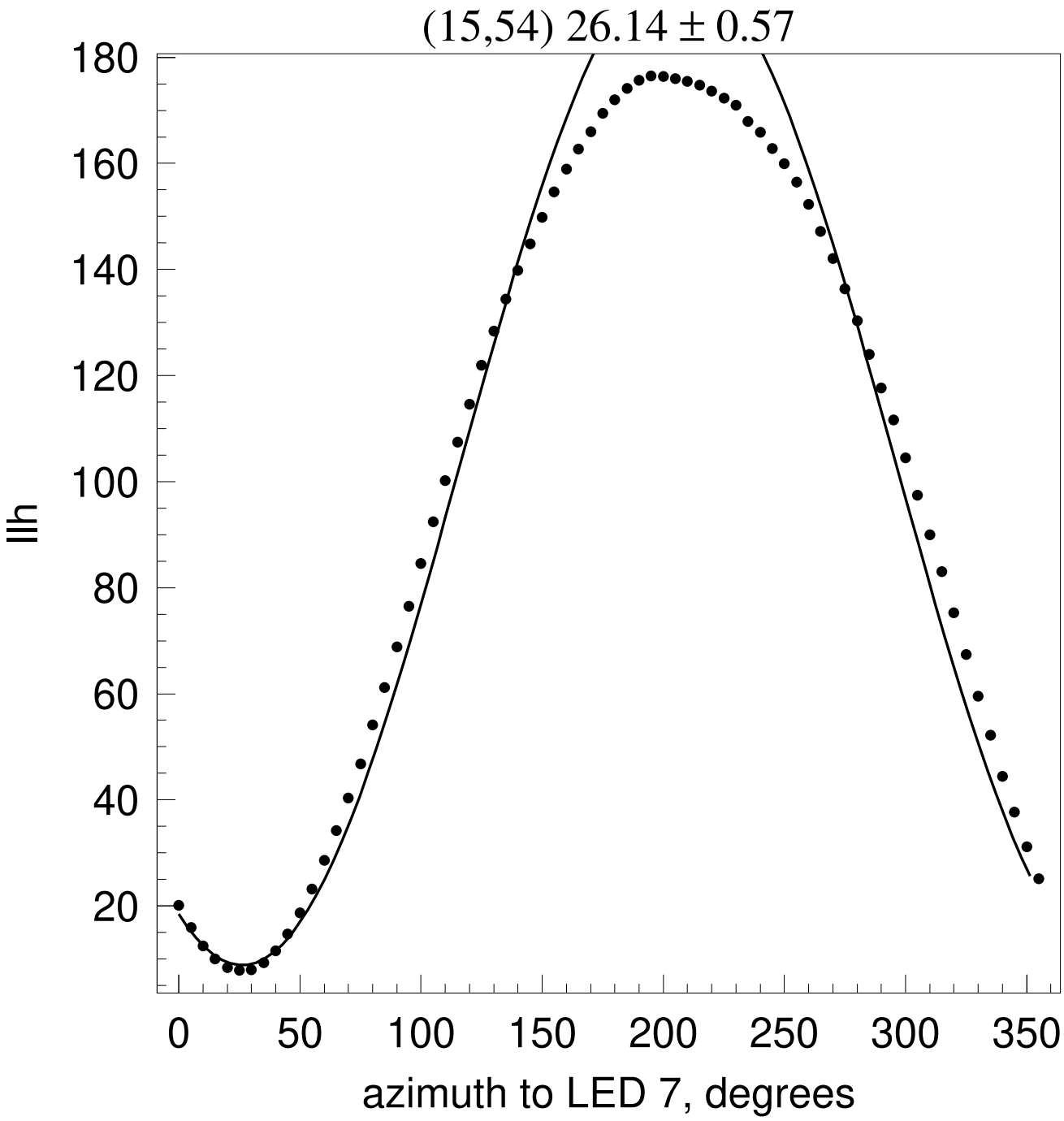

(15,49) 43.58 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

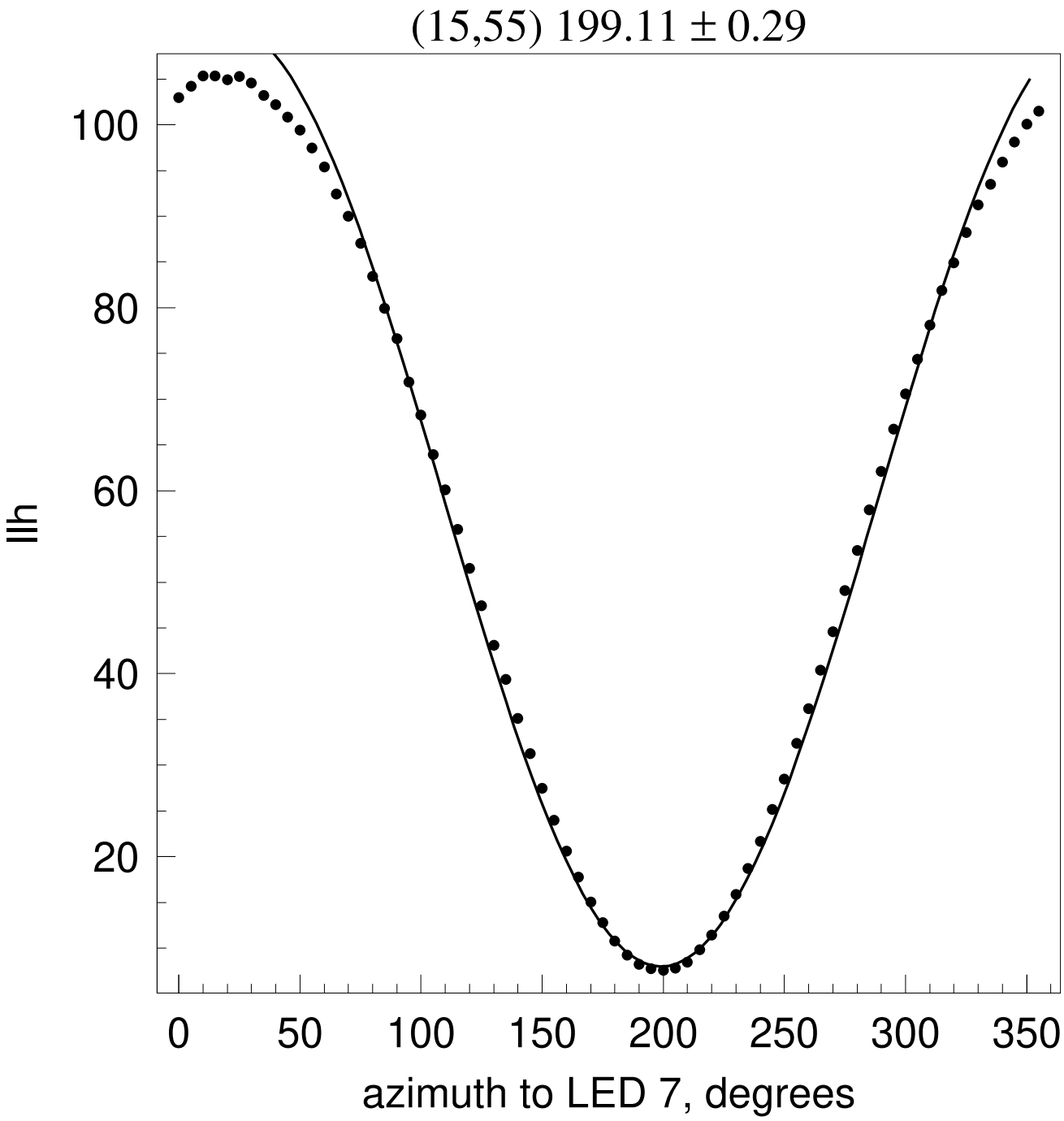

(15,50) 275.27 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

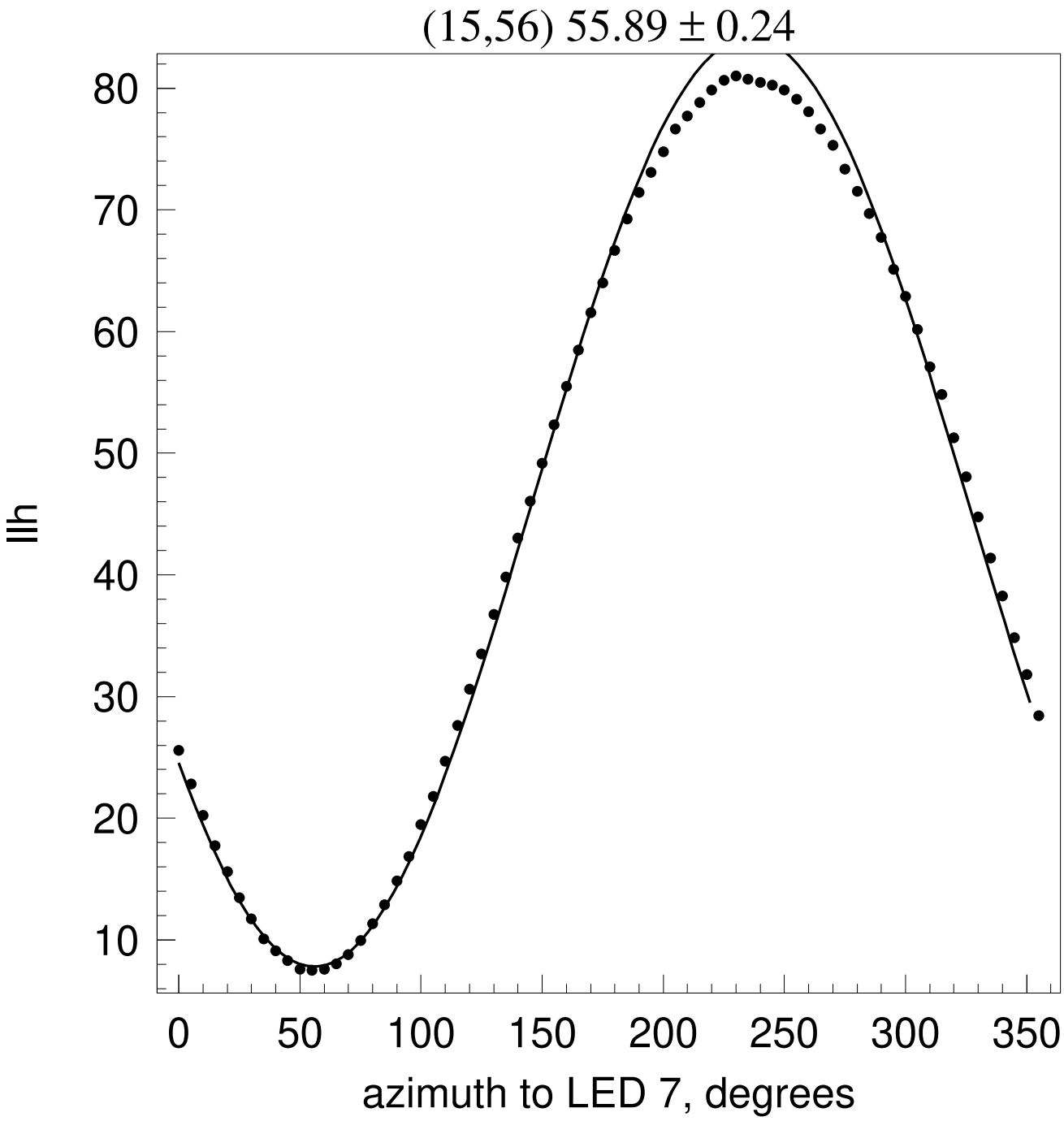

(15,51) 351.65 ± 0.76
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

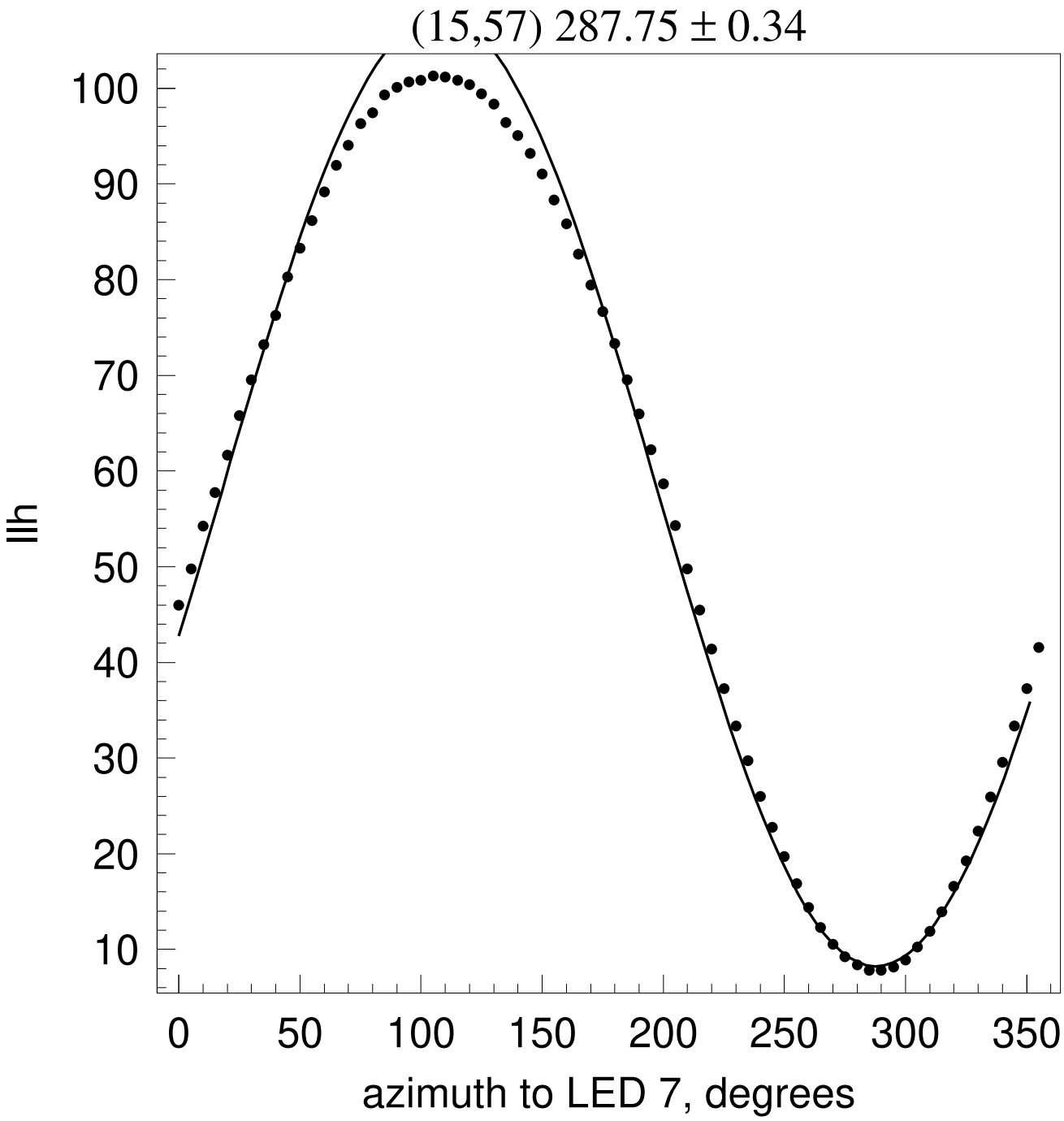

(15,52) 275.28 ± 0.75
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

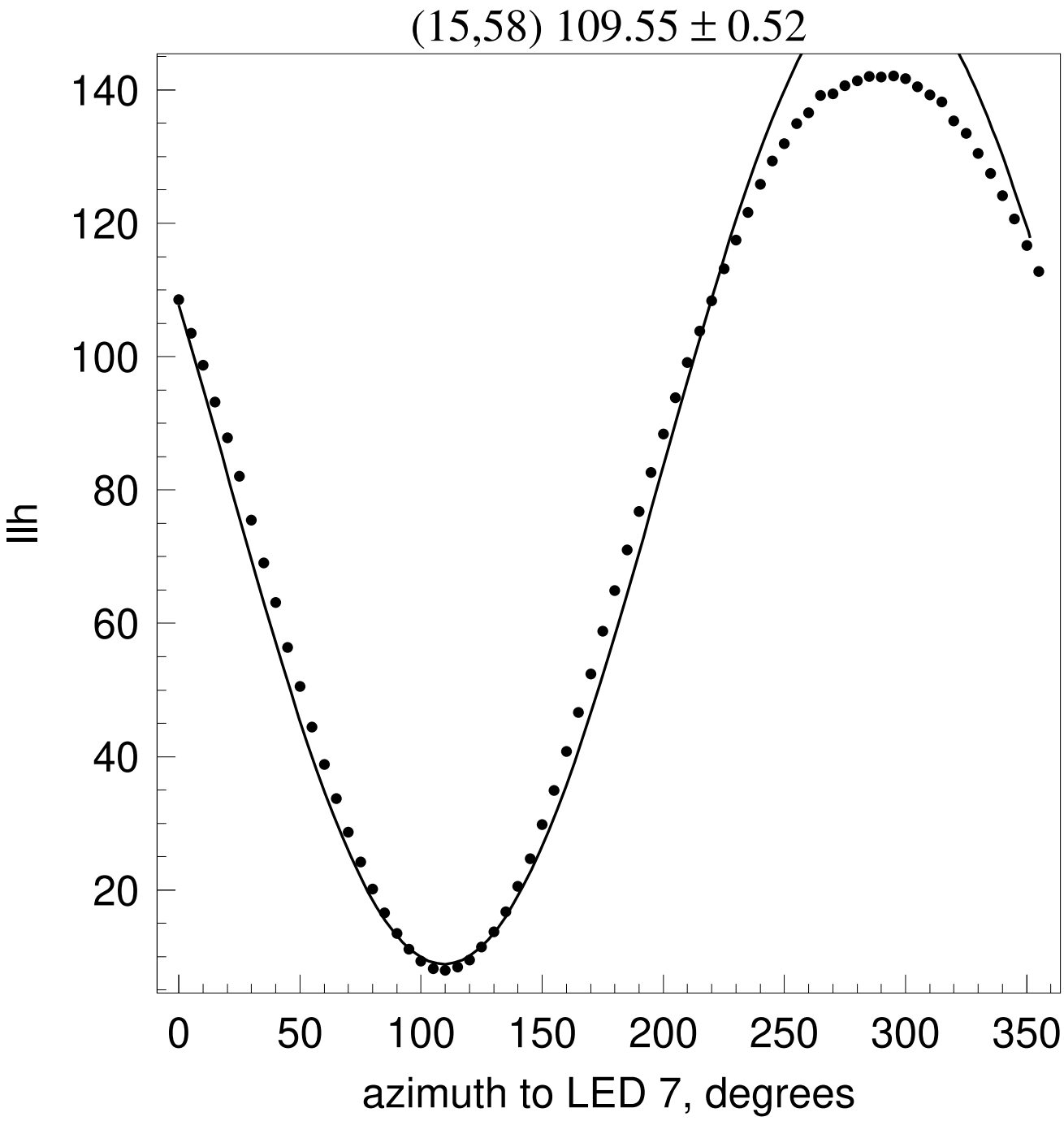

(15,53) 283.80 ± 0.70
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

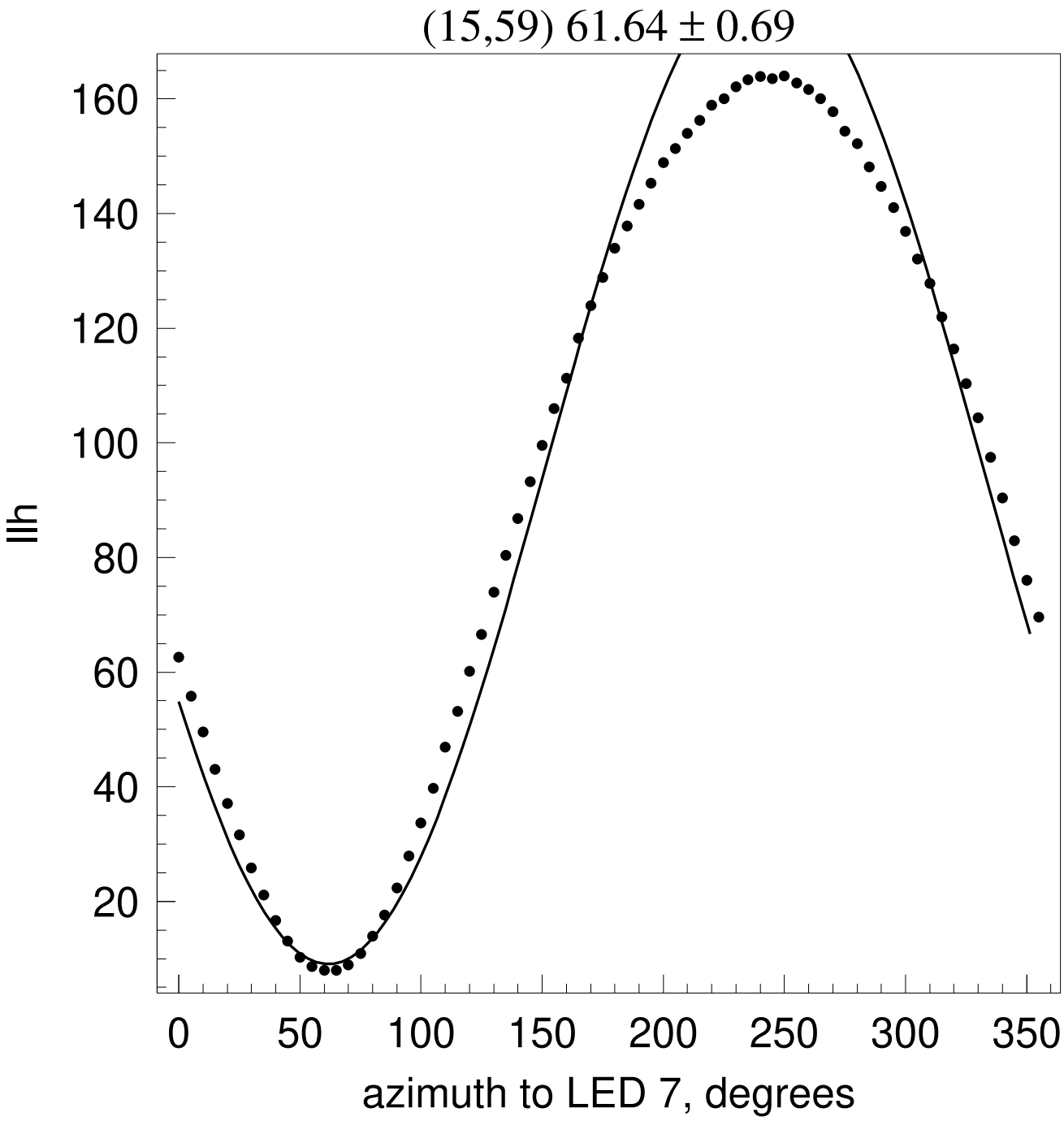

(15,54) 26.14 ± 0.57
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

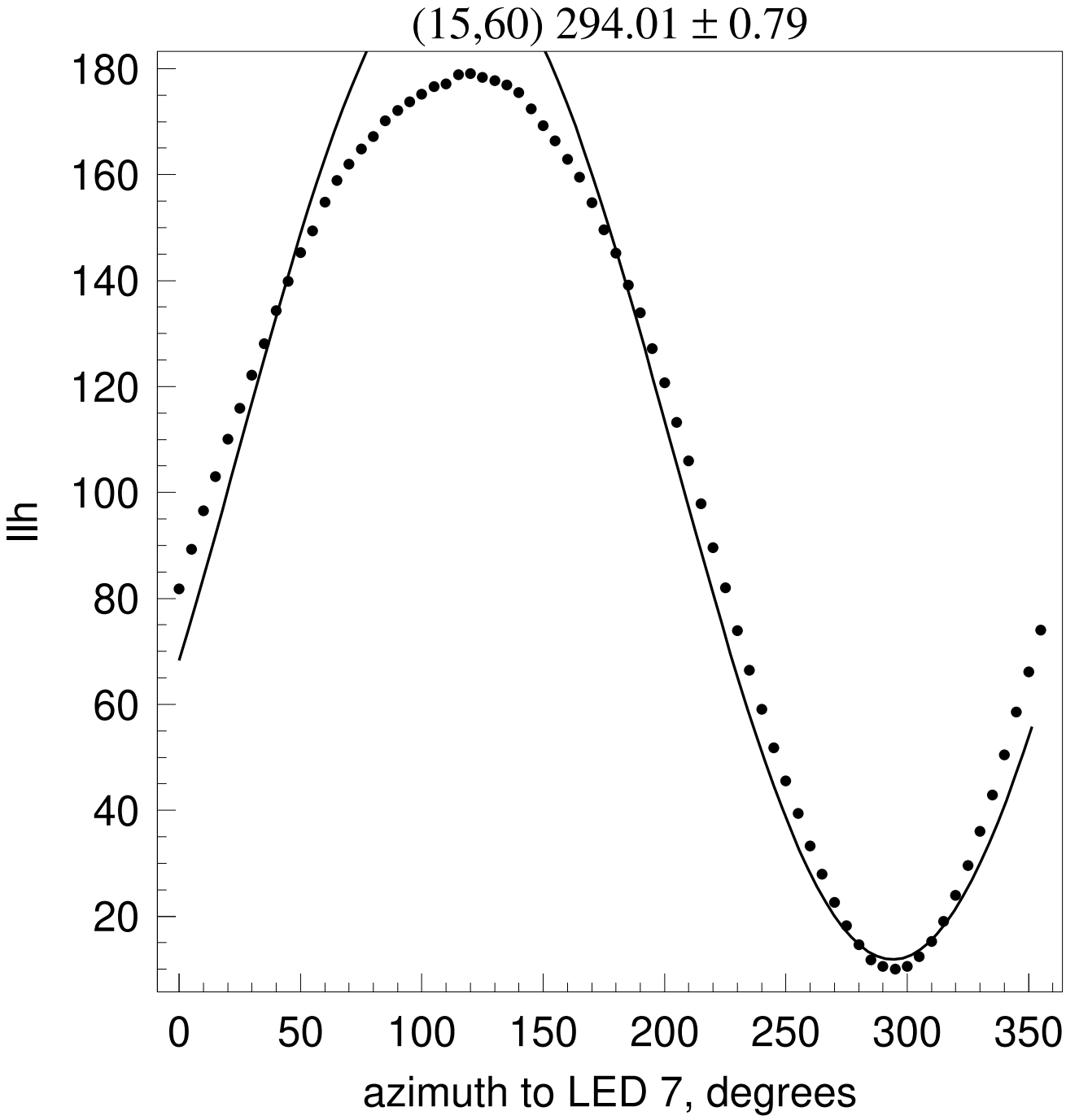

(15,55) 199.11 ± 0.29
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

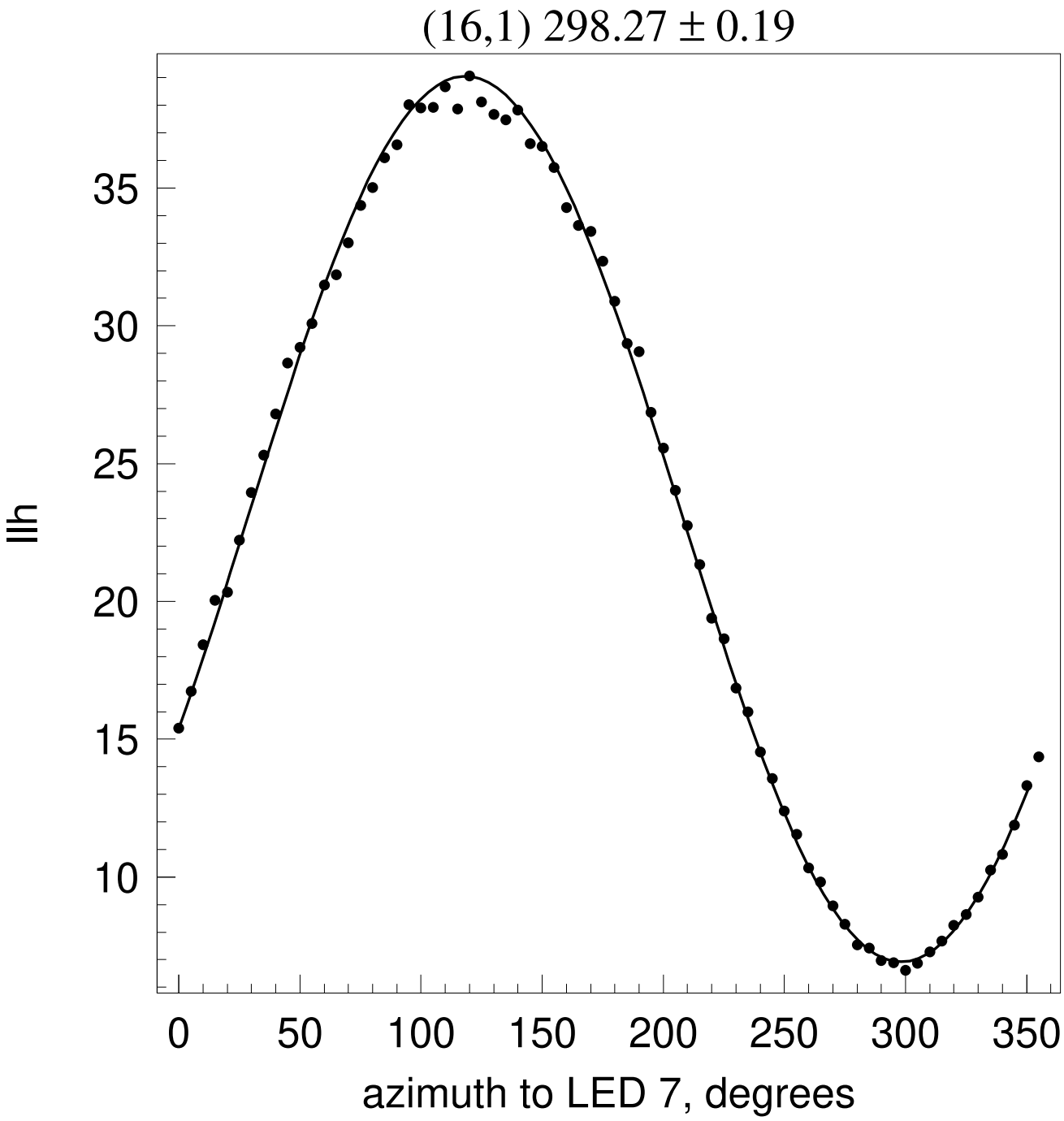

(15,56) 55.89 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

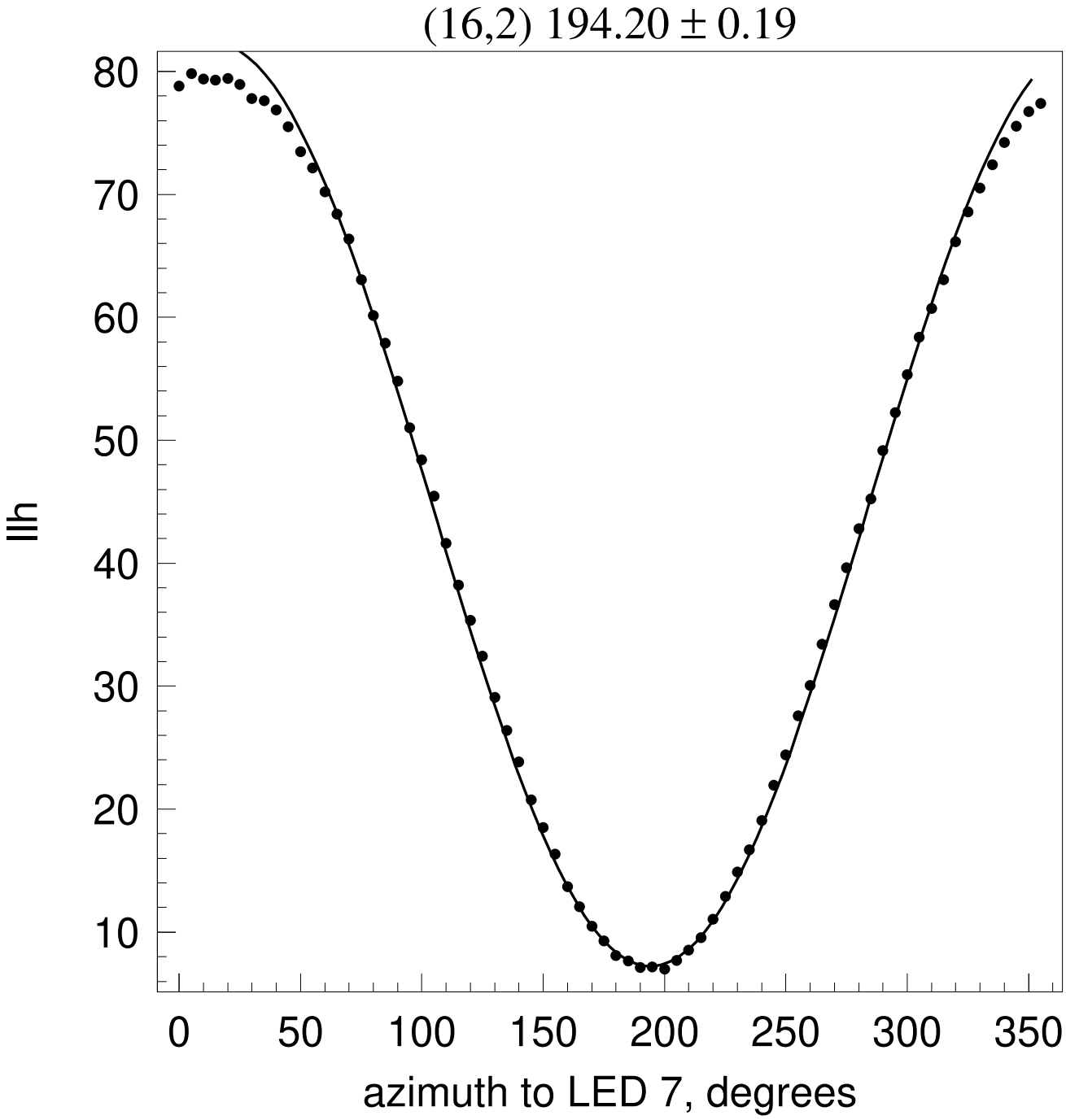

(15,57) 287.75 ± 0.34
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

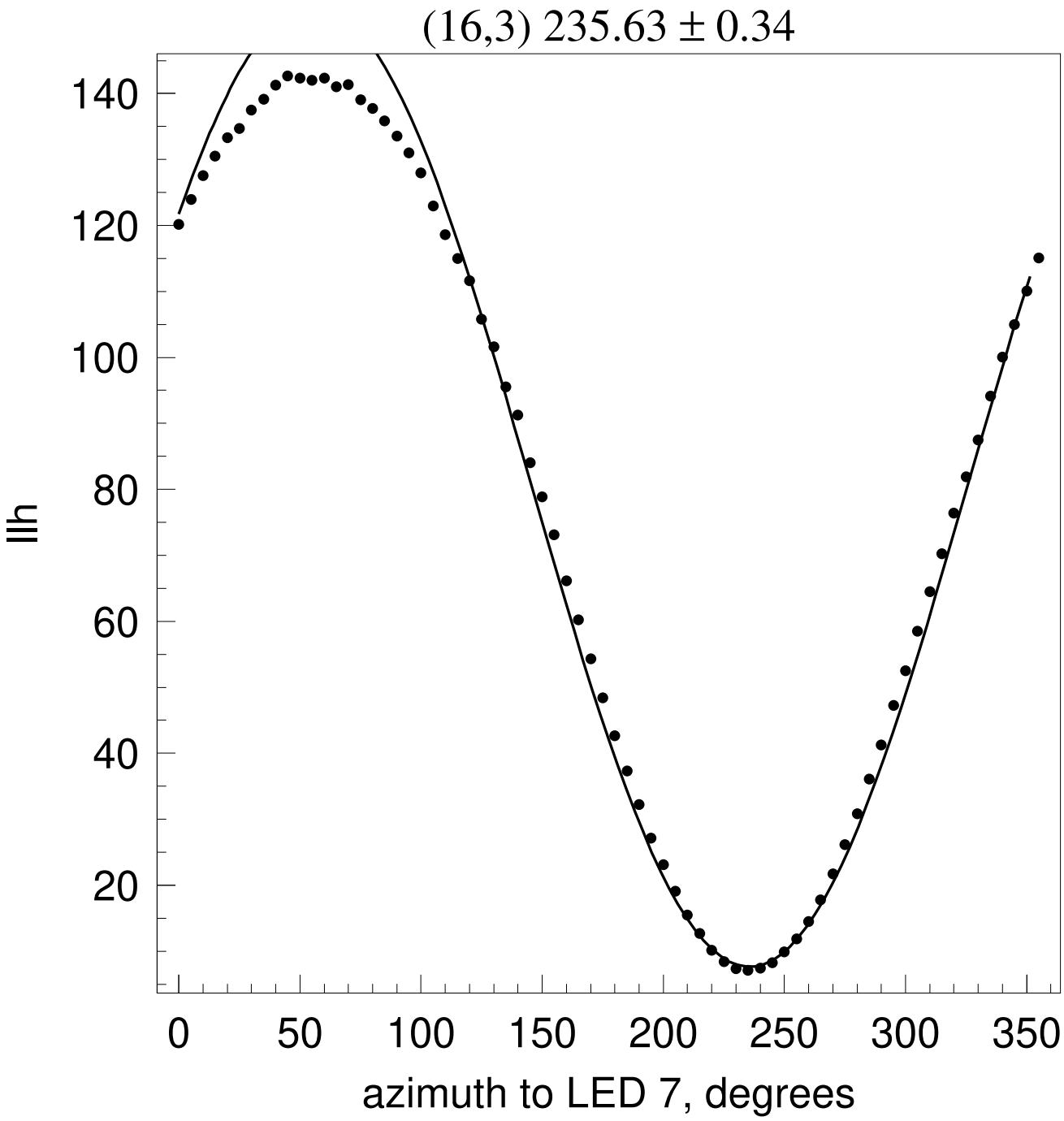

(15,58) 109.55 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

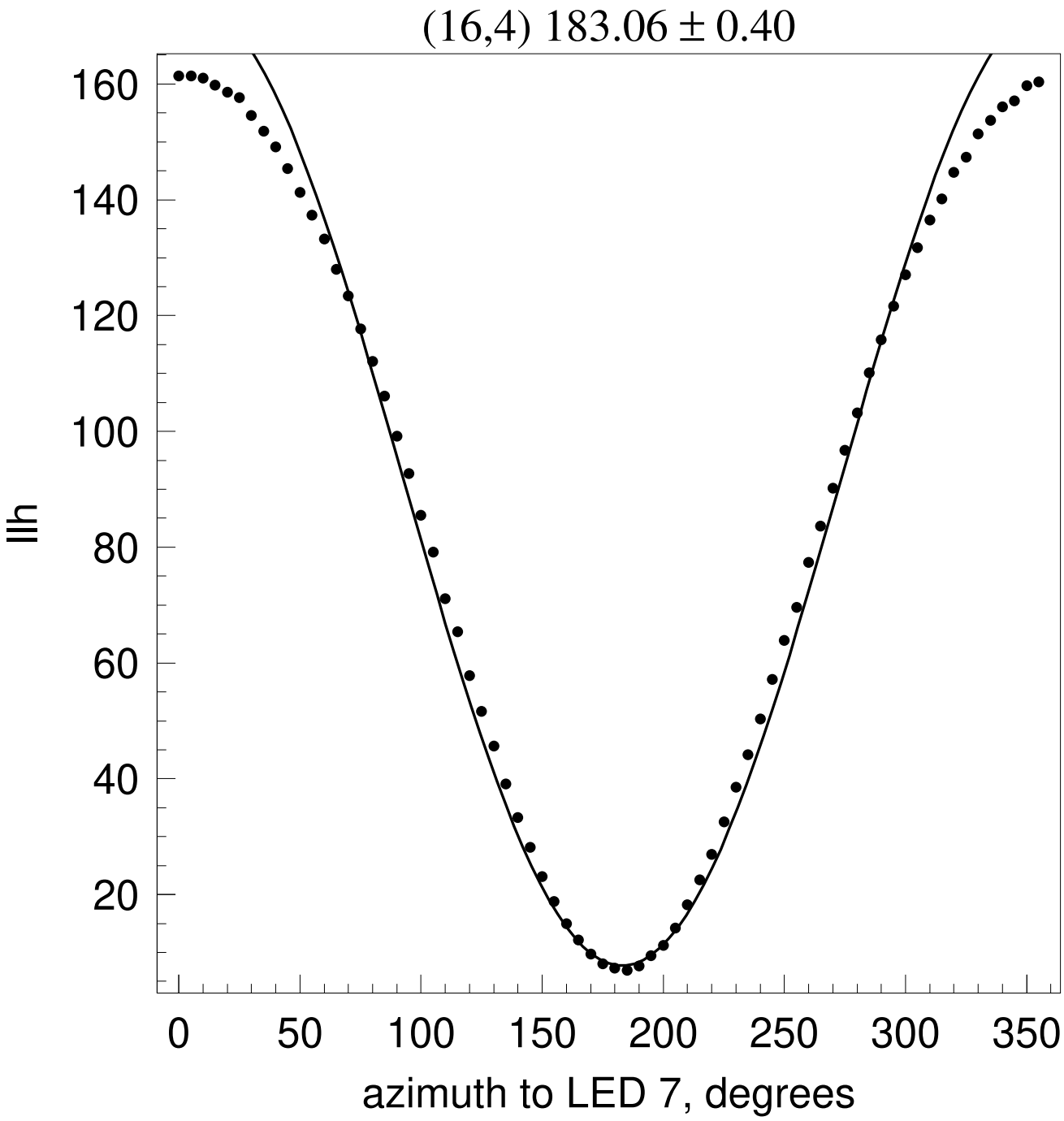

(15,59) 61.64 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

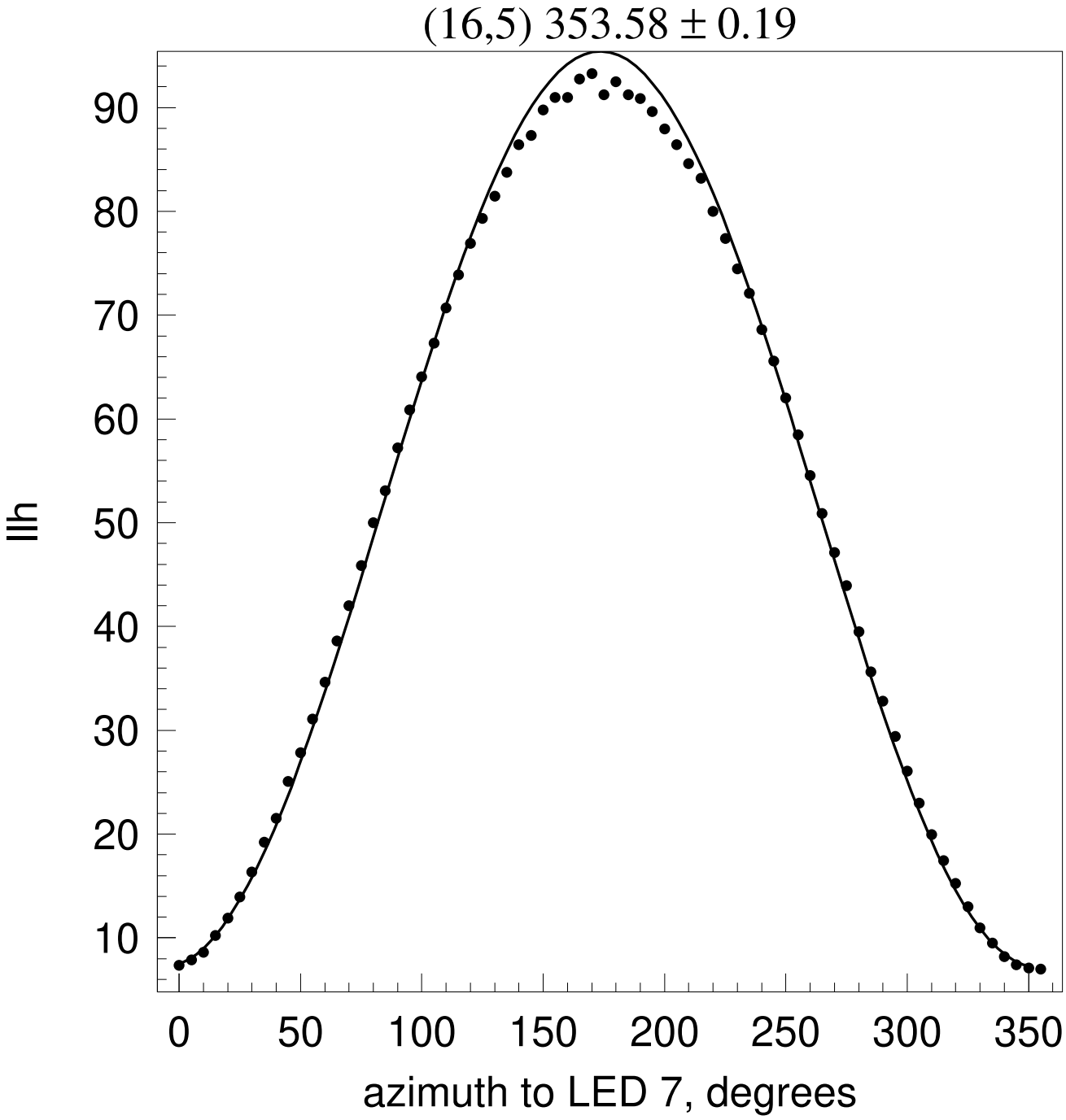

(15,60) 294.01 ± 0.79
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

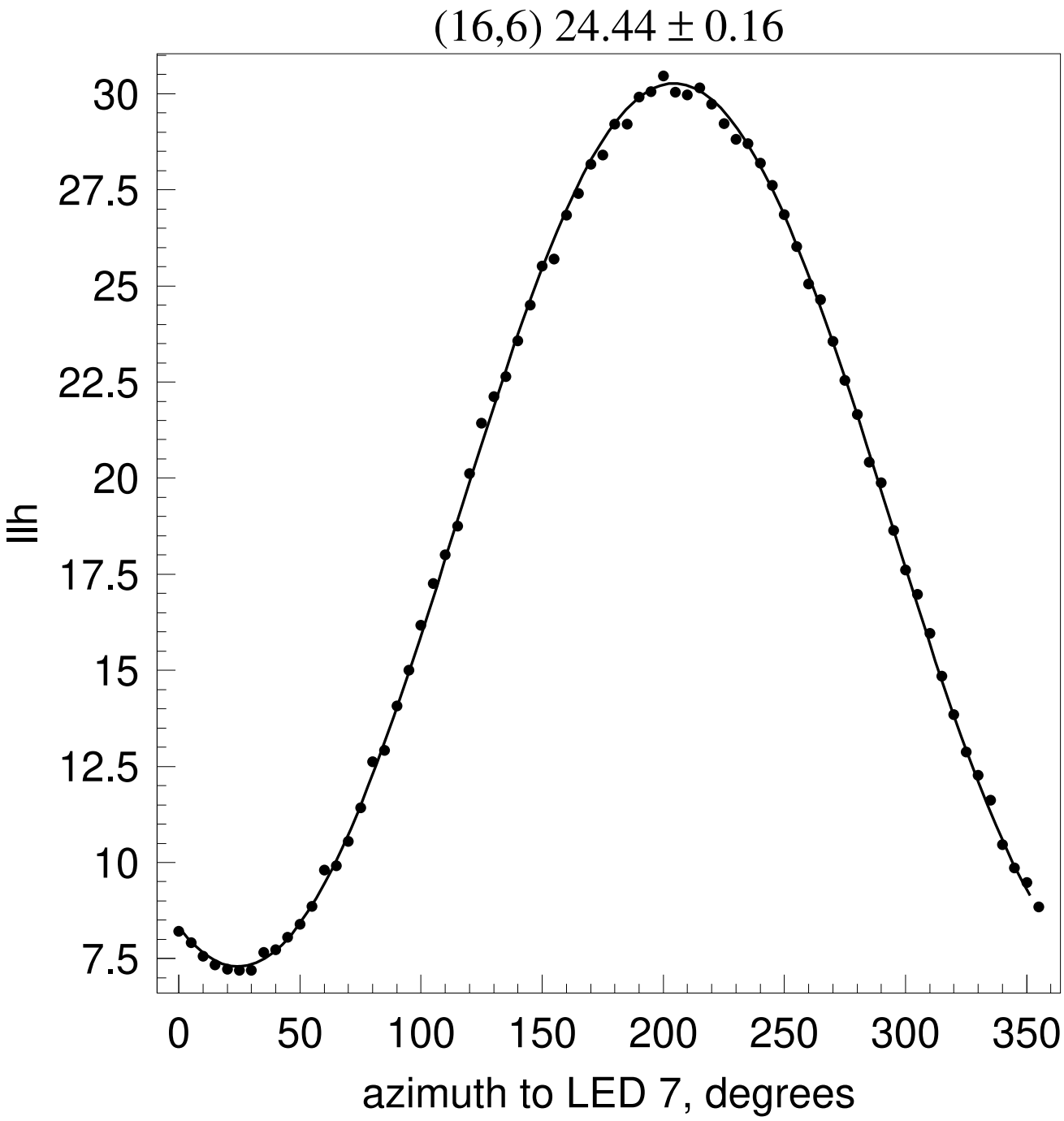

(16,1) 298.27 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

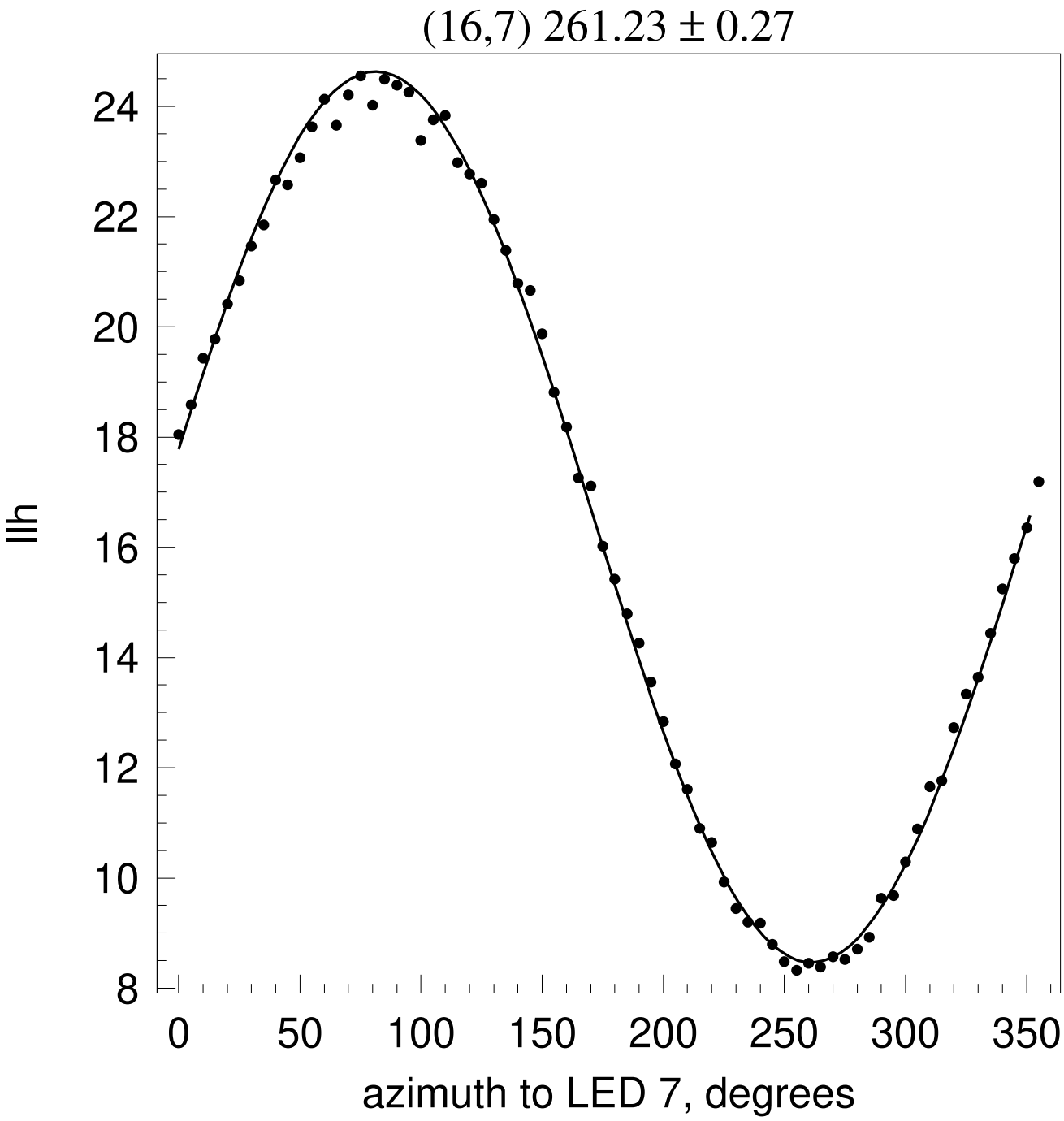

(16,2) 194.20 ± 0.19
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

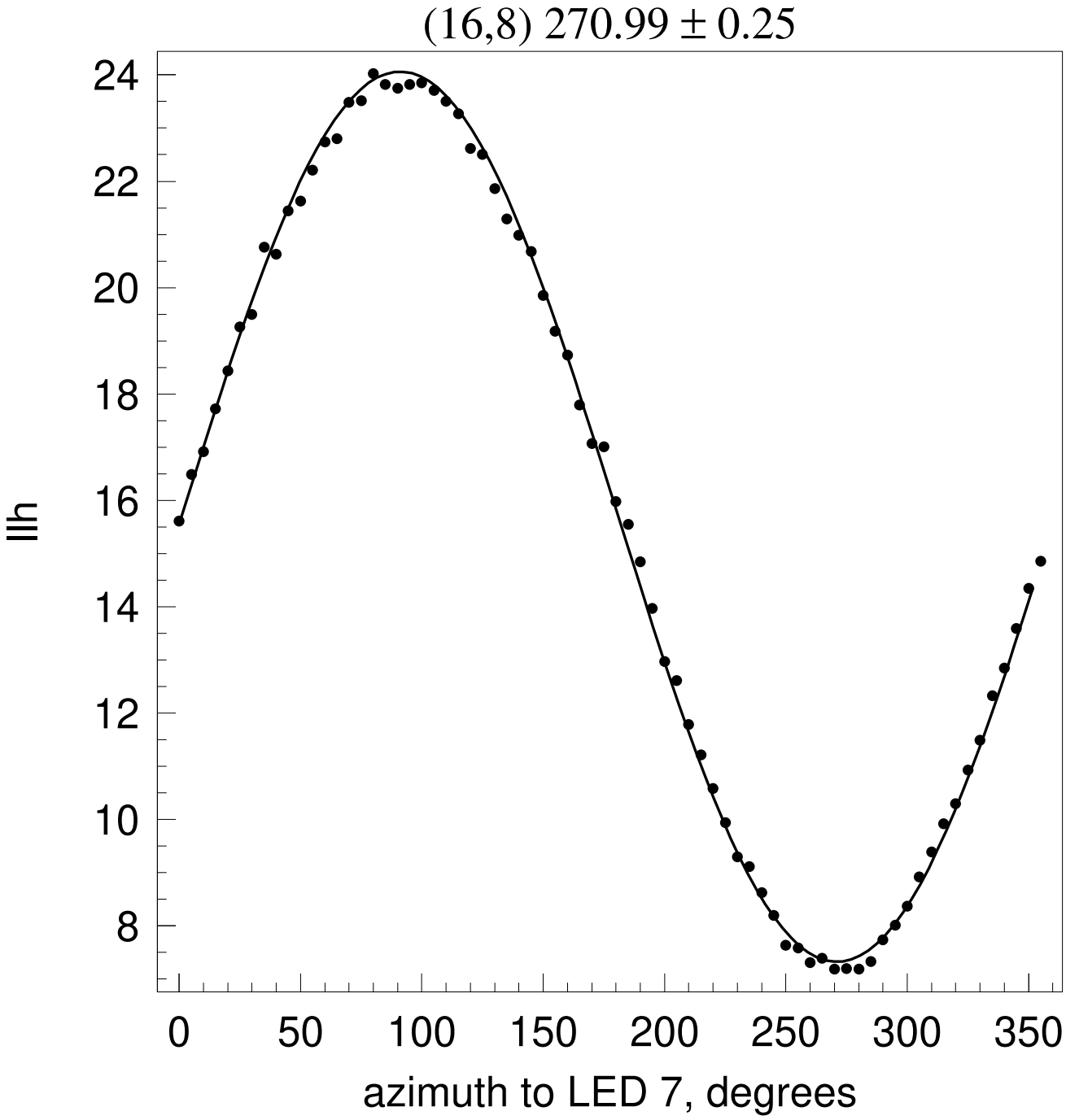

(16,3) 235.63 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

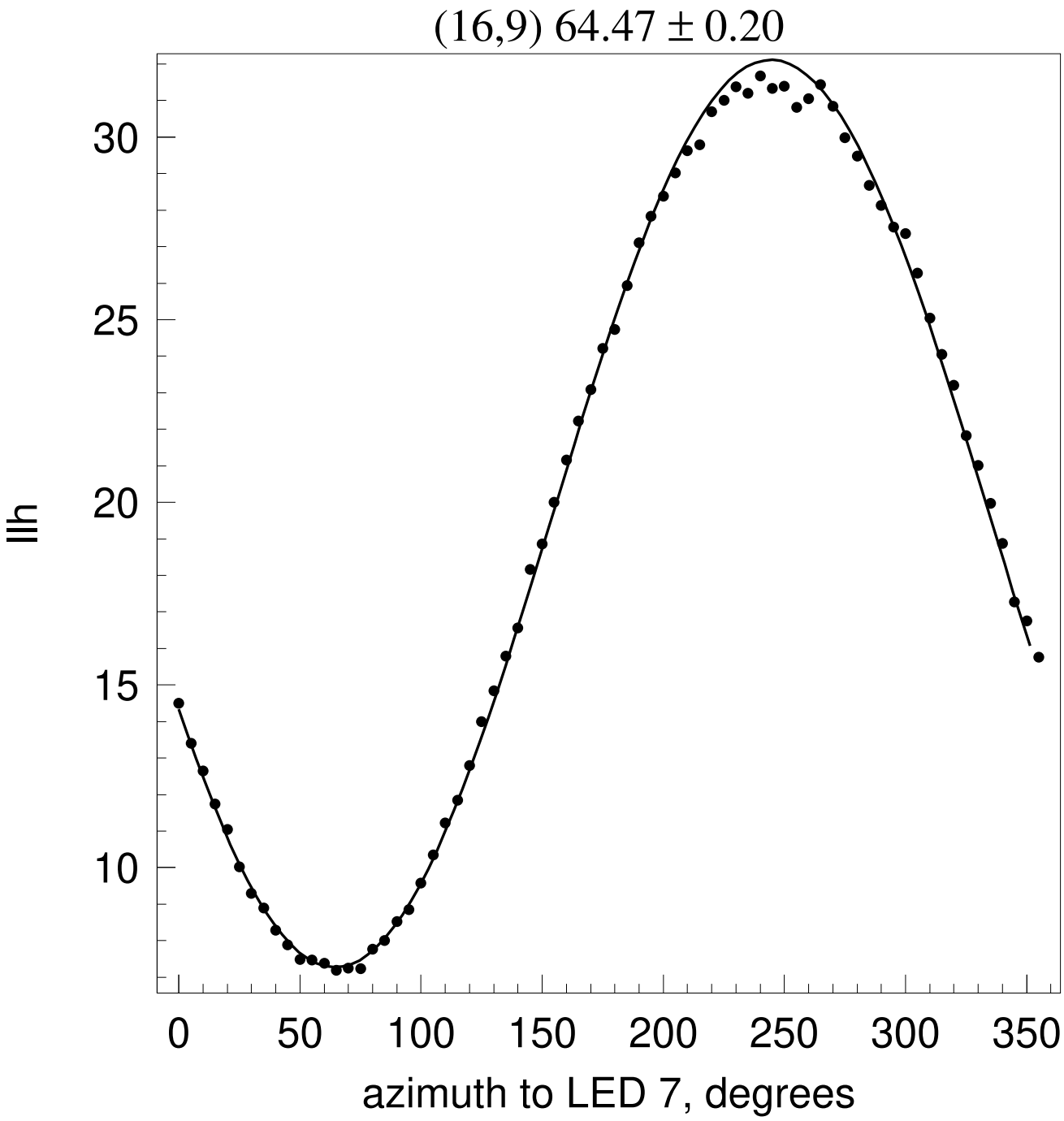

(16,4) 183.06 ± 0.40
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

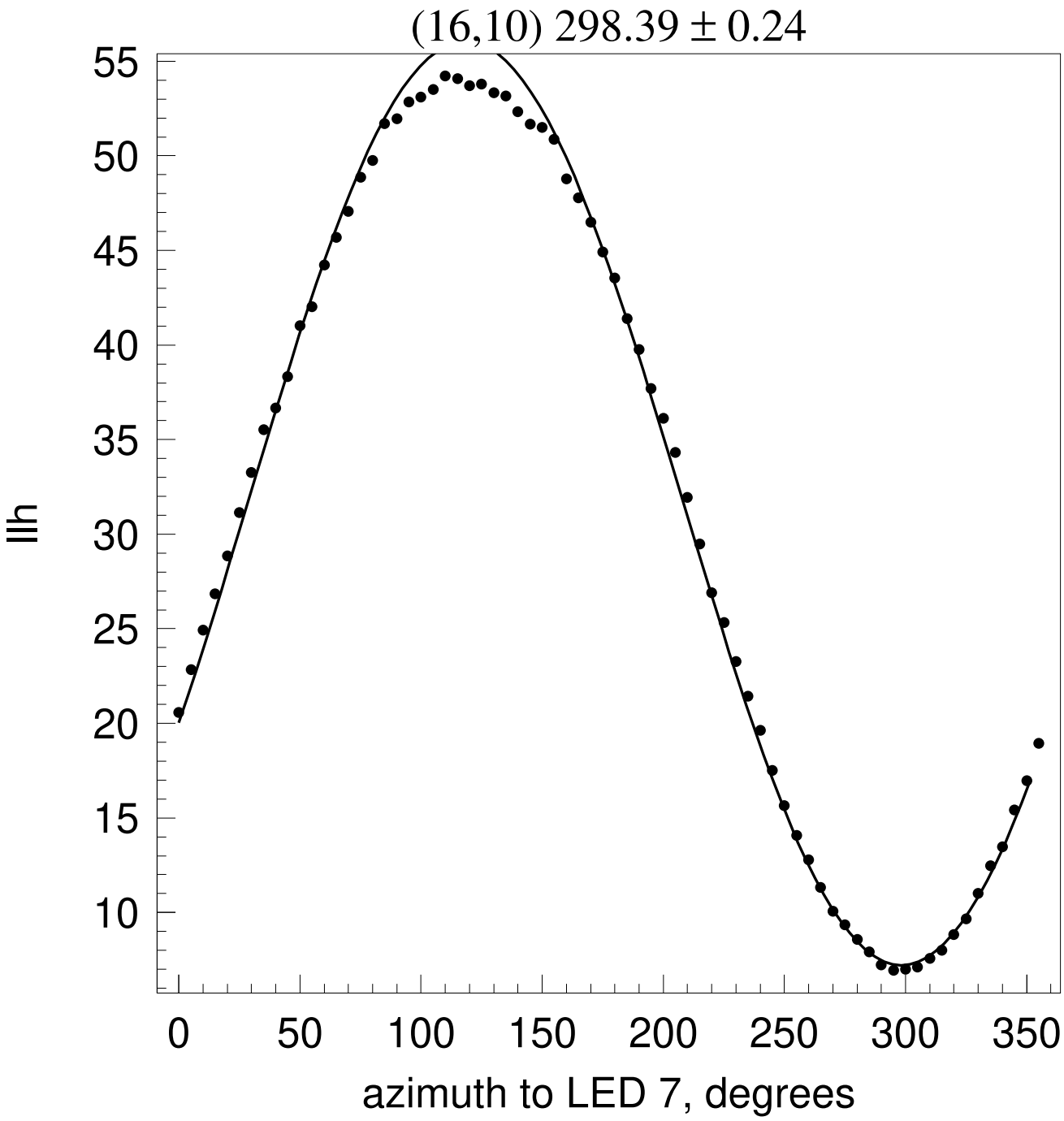

(16,5) 353.58 ± 0.19
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

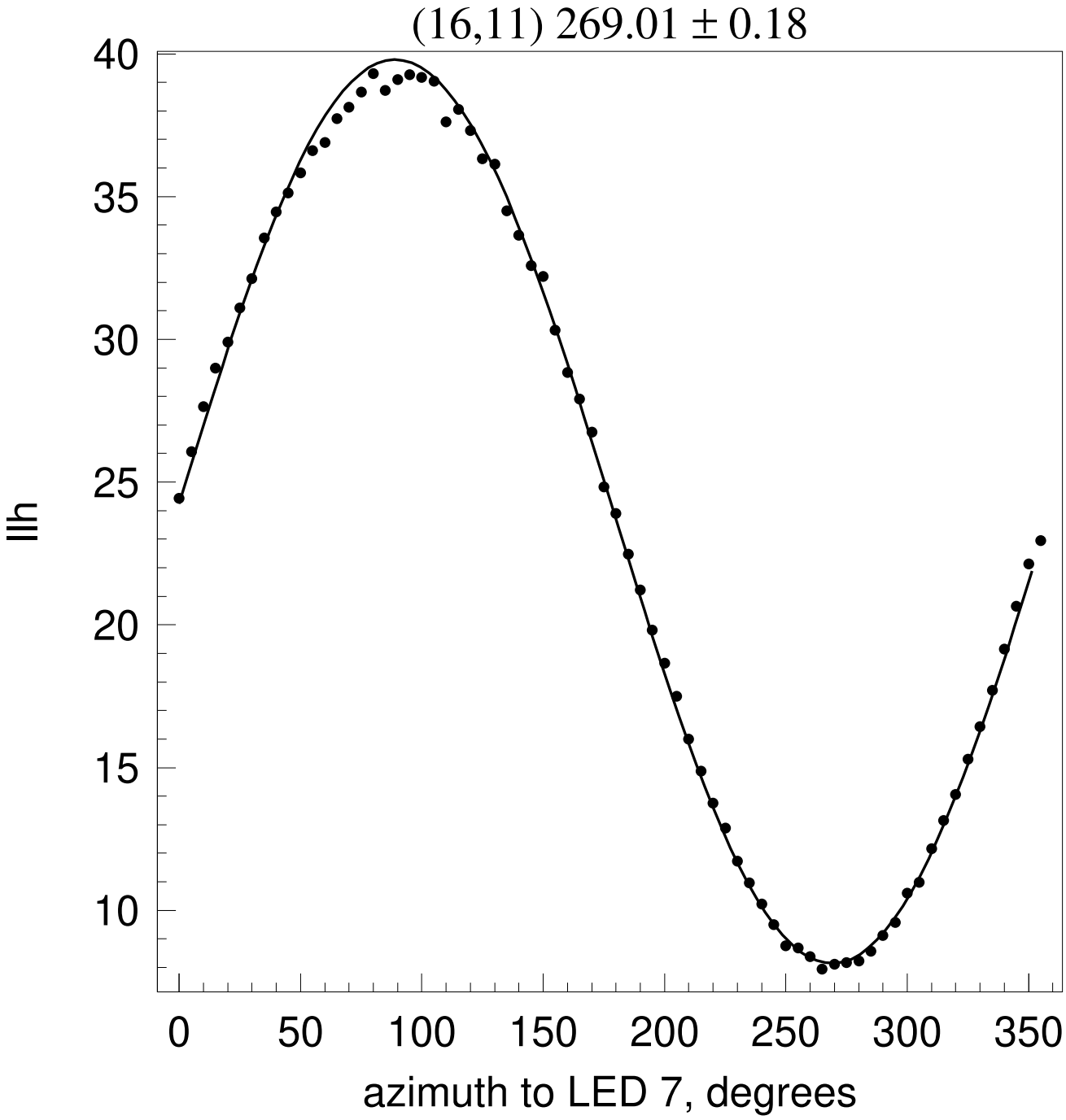

(16,6) 24.44 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

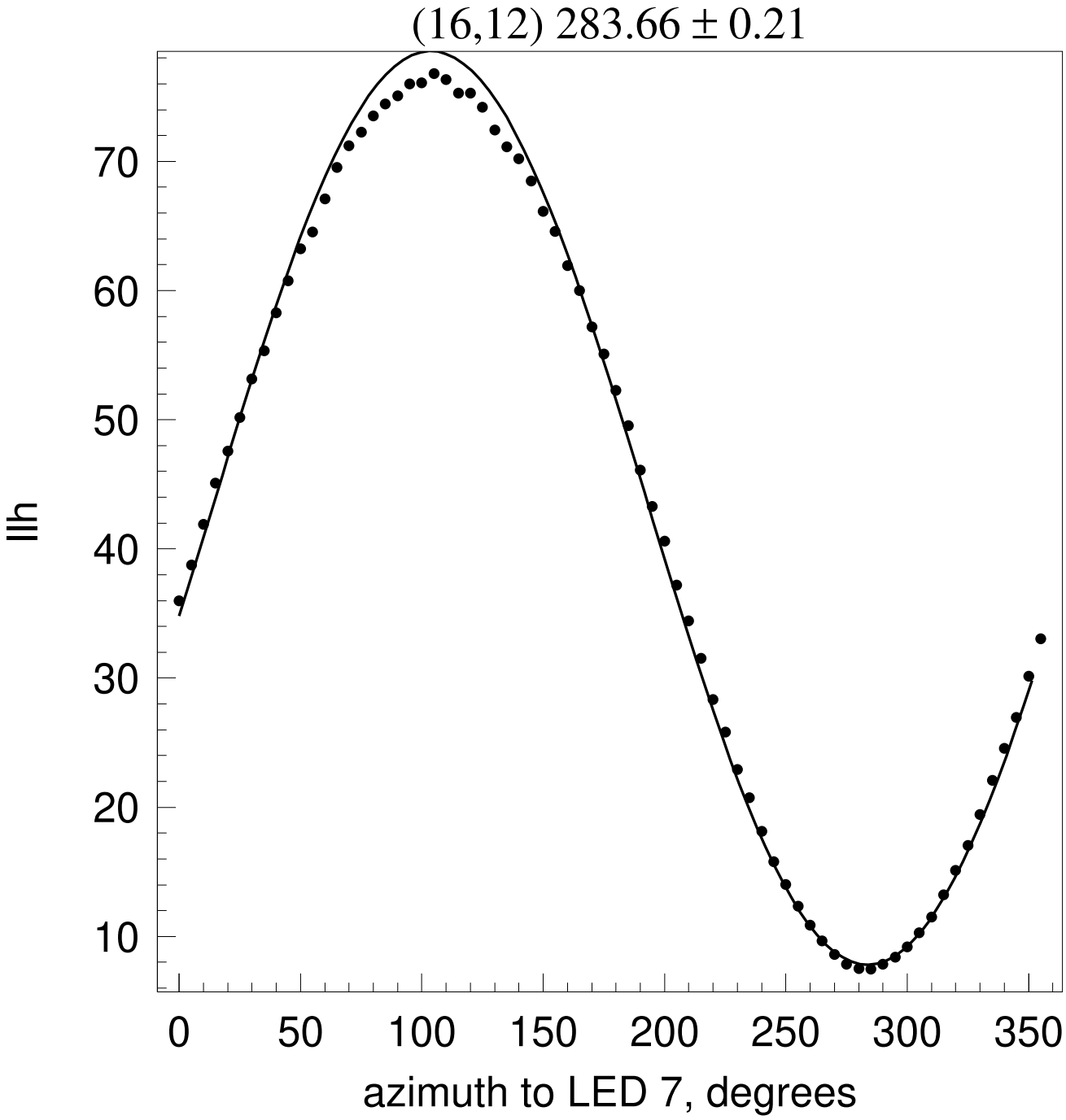

(16,7) 261.23 ± 0.27
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

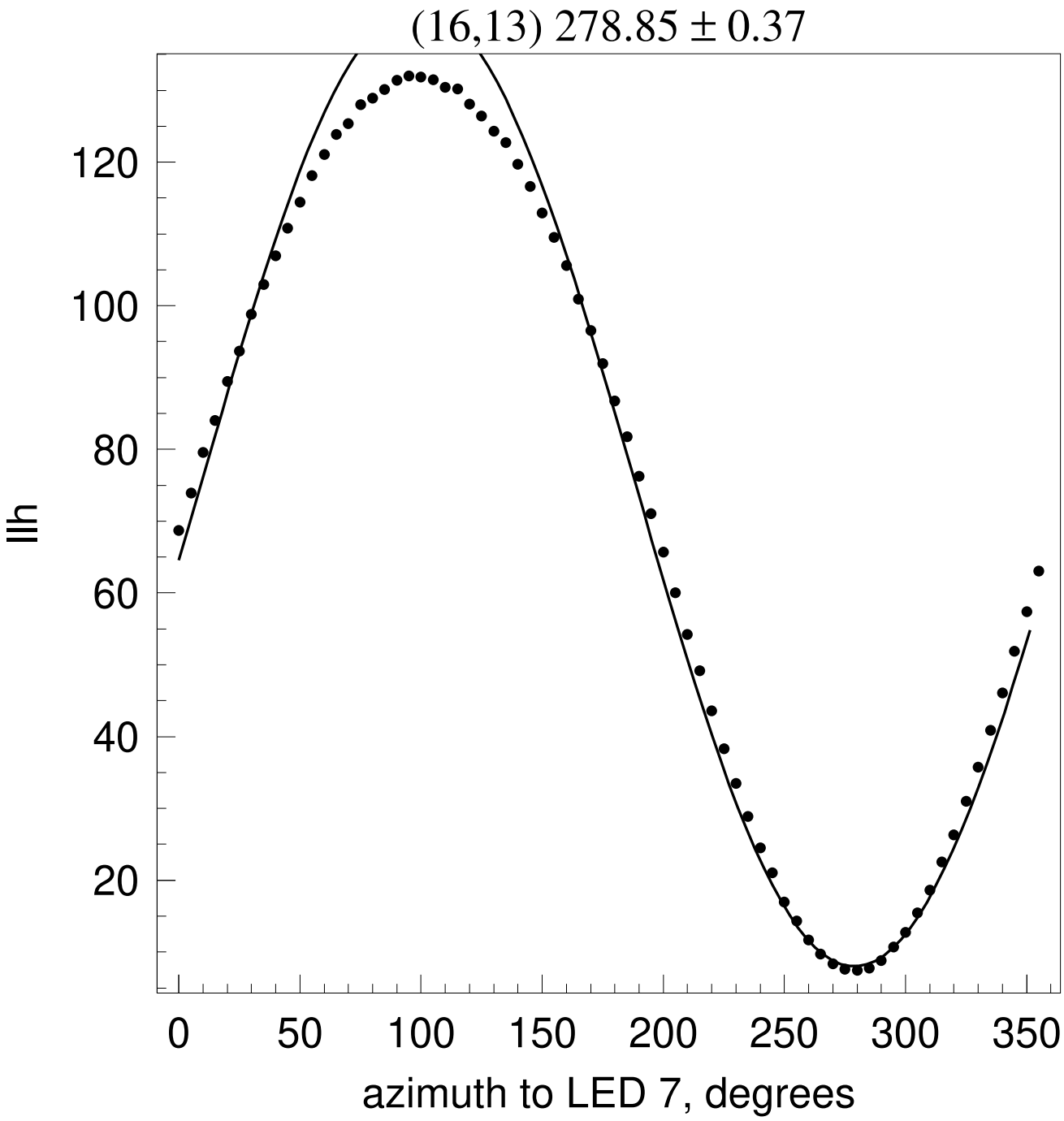

(16,8) 270.99 ± 0.25
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

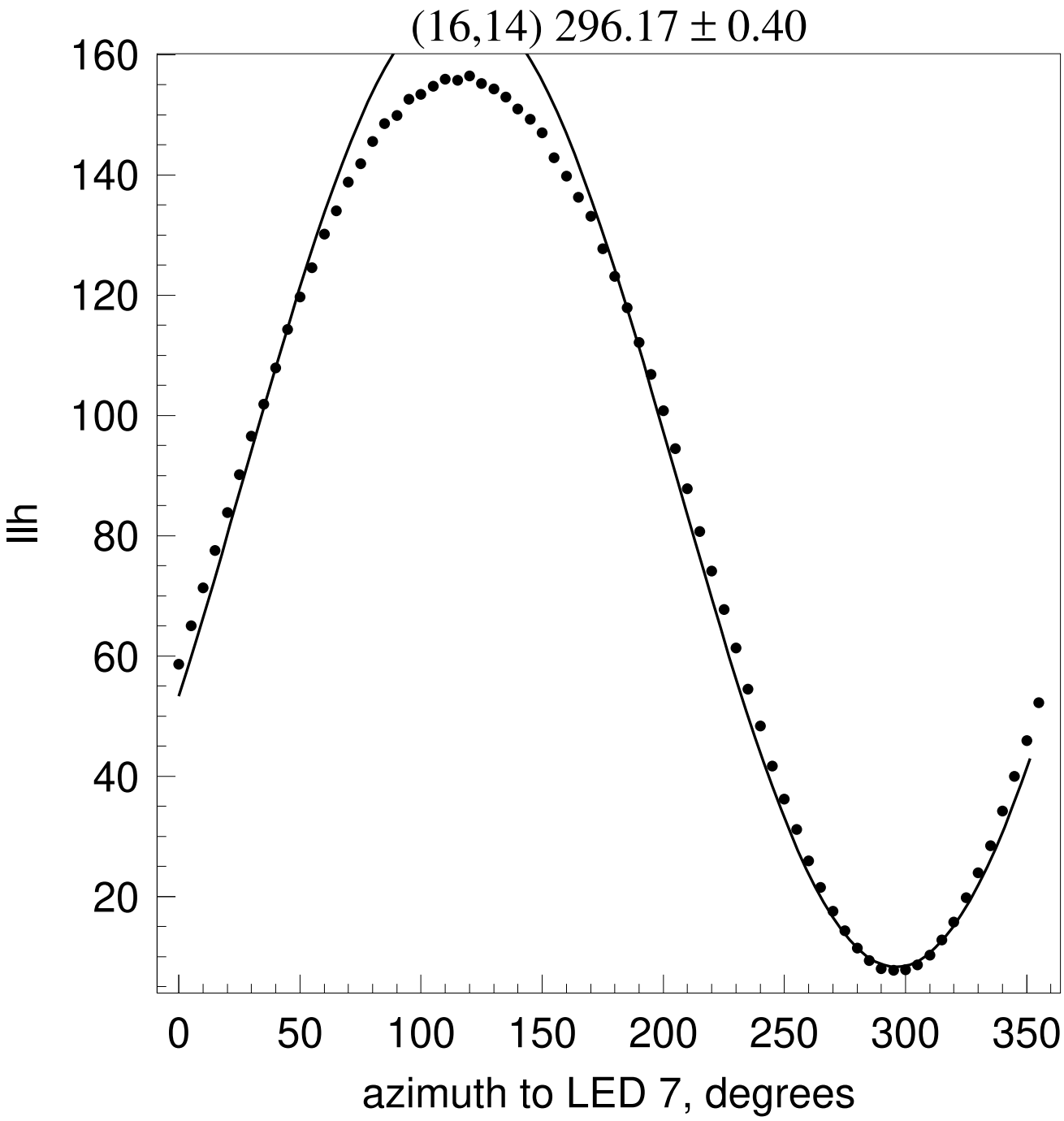

(16,9) 64.47 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

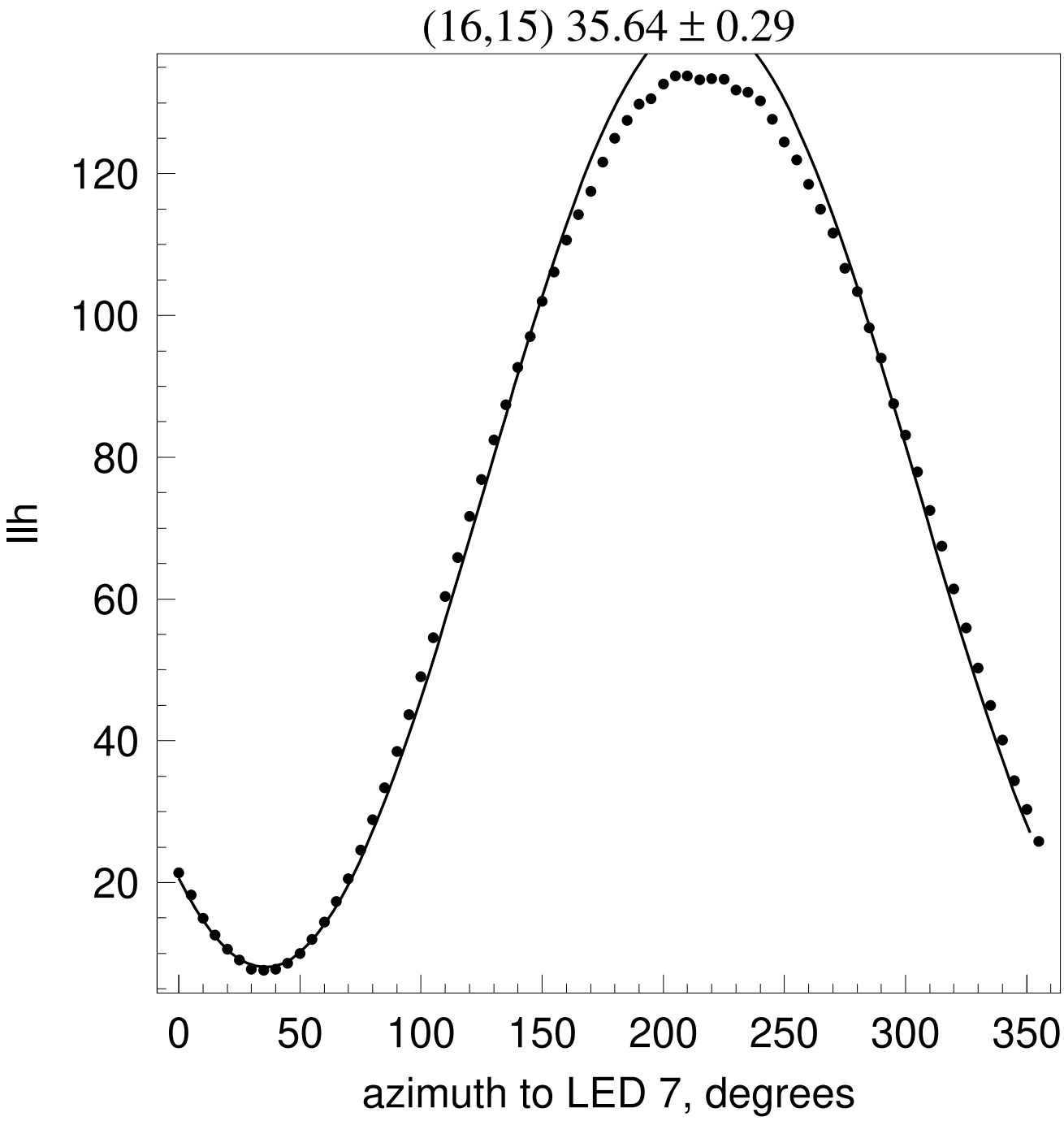

(16,10) 298.39 ± 0.24
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

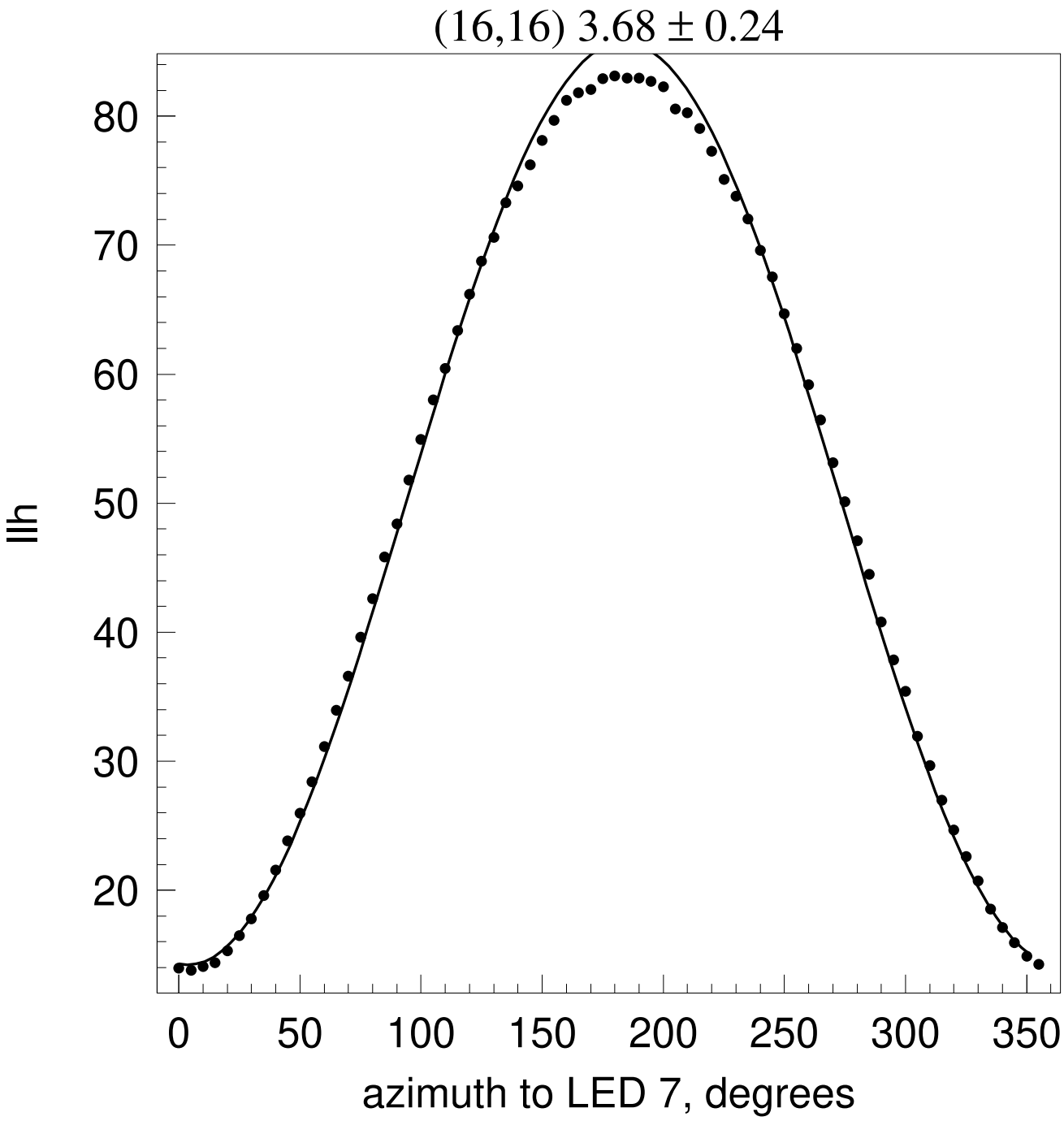

(16,11) 269.01 ± 0.18
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

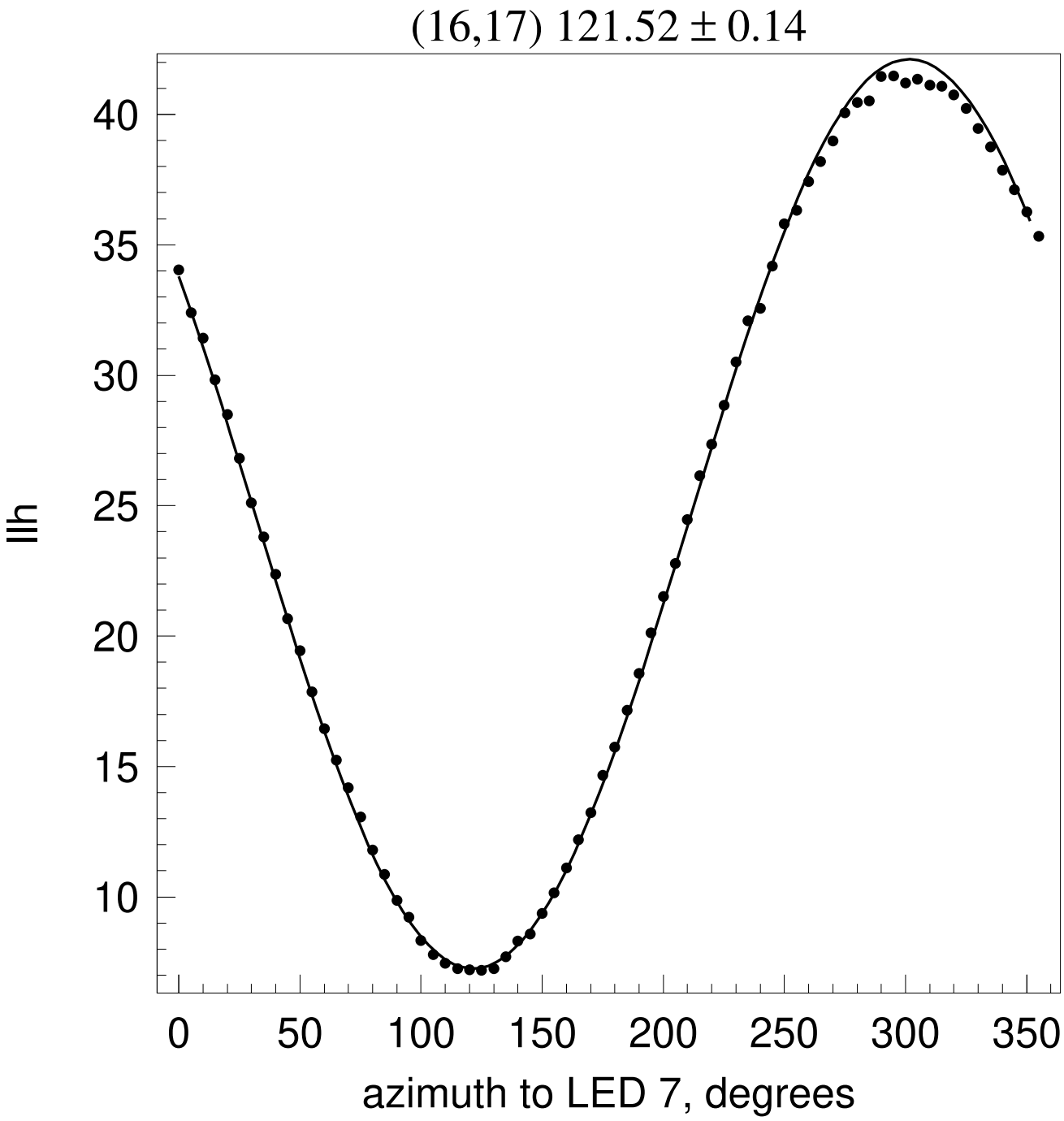

(16,12) 283.66 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

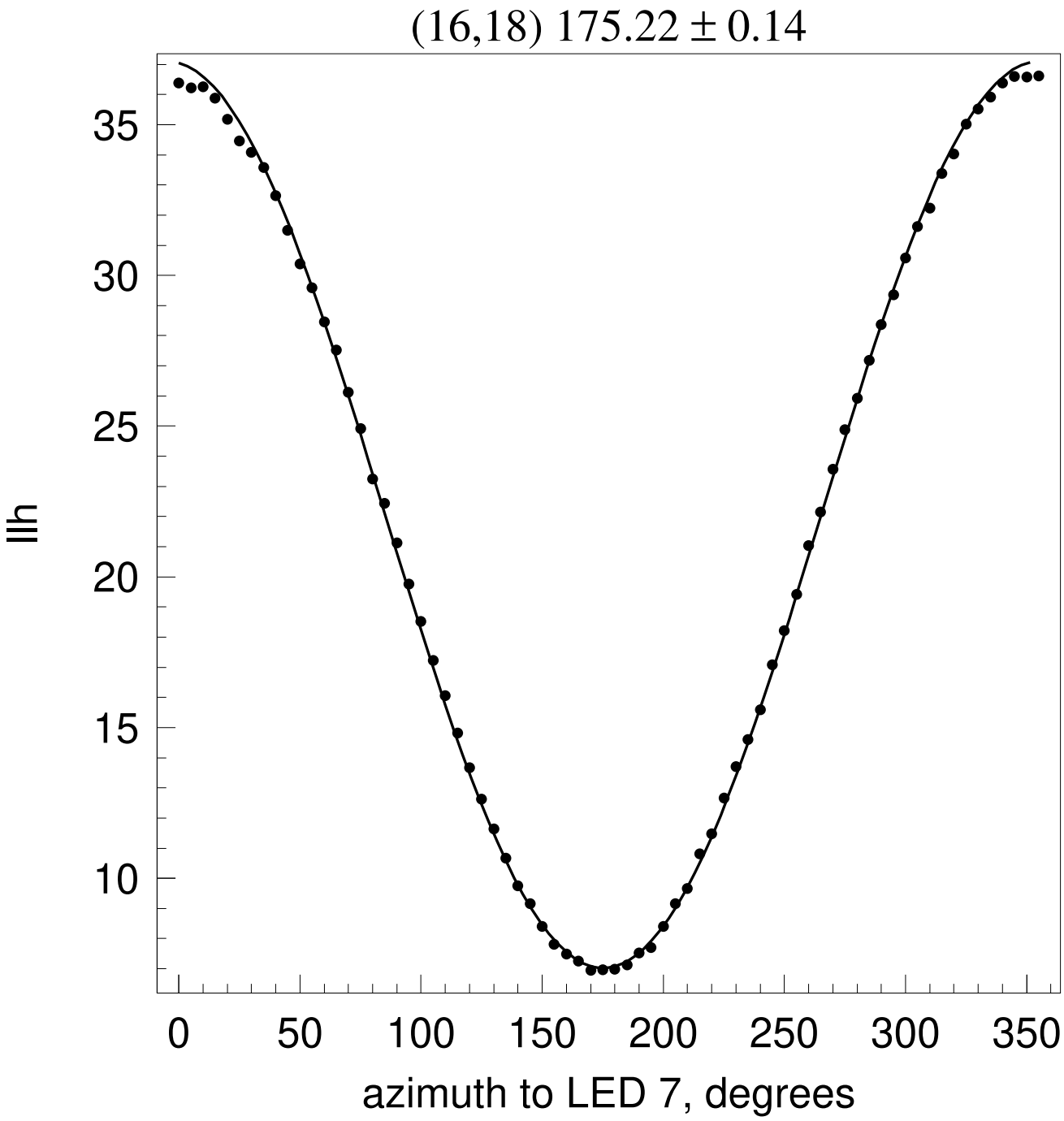

(16,13) 278.85 ± 0.37
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

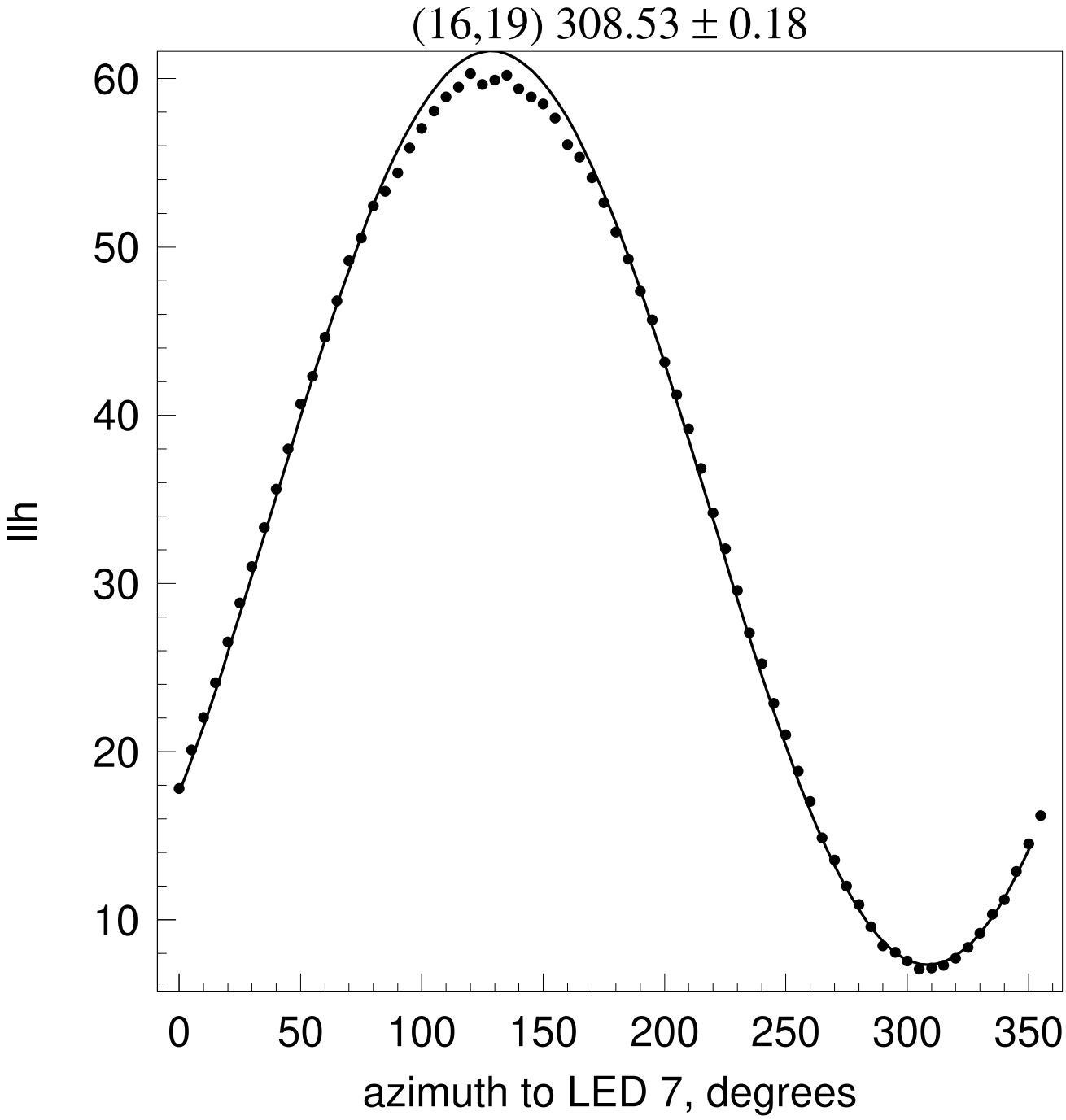

(16,14) 296.17 ± 0.40
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

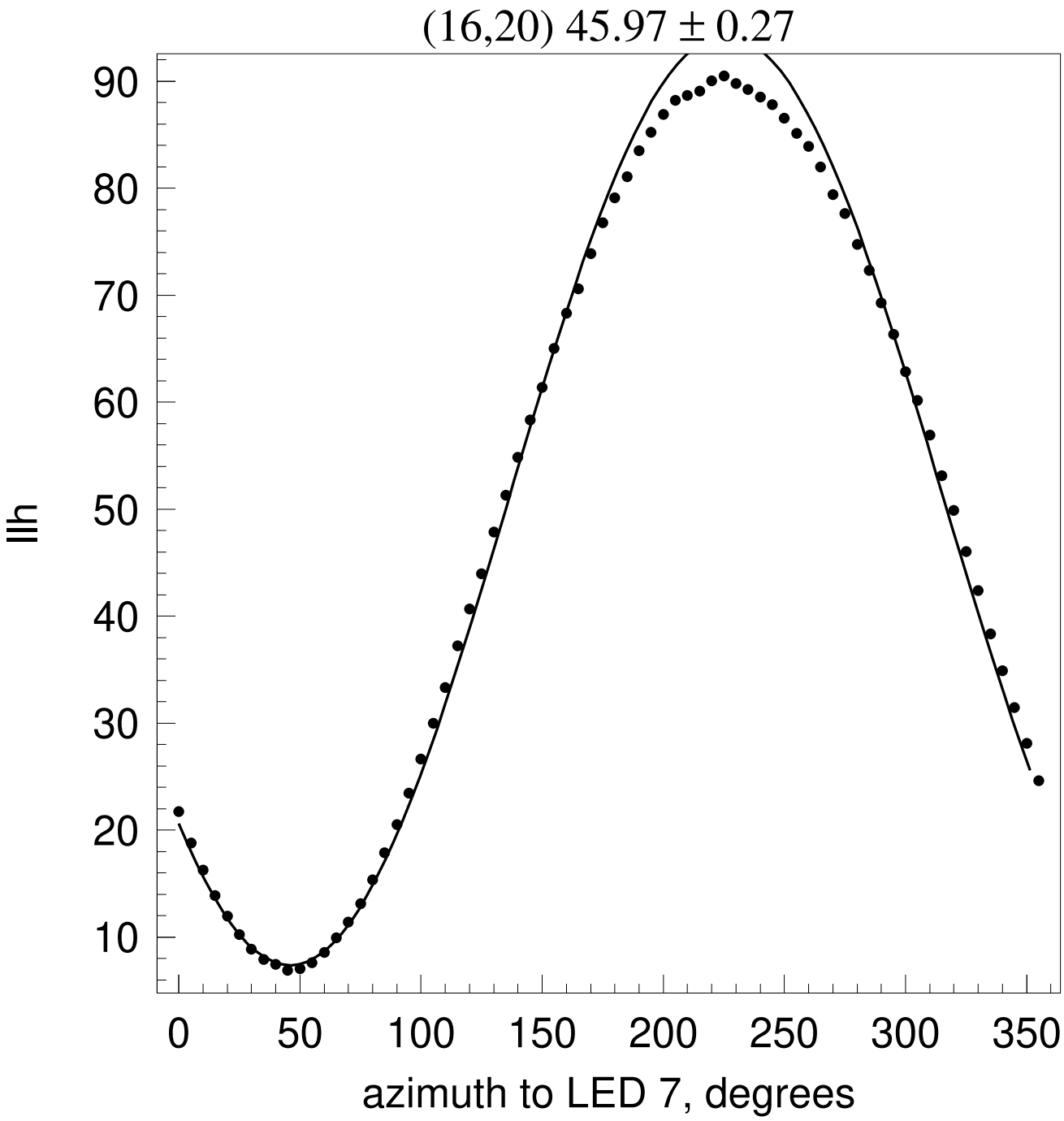

(16,15) 35.64 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

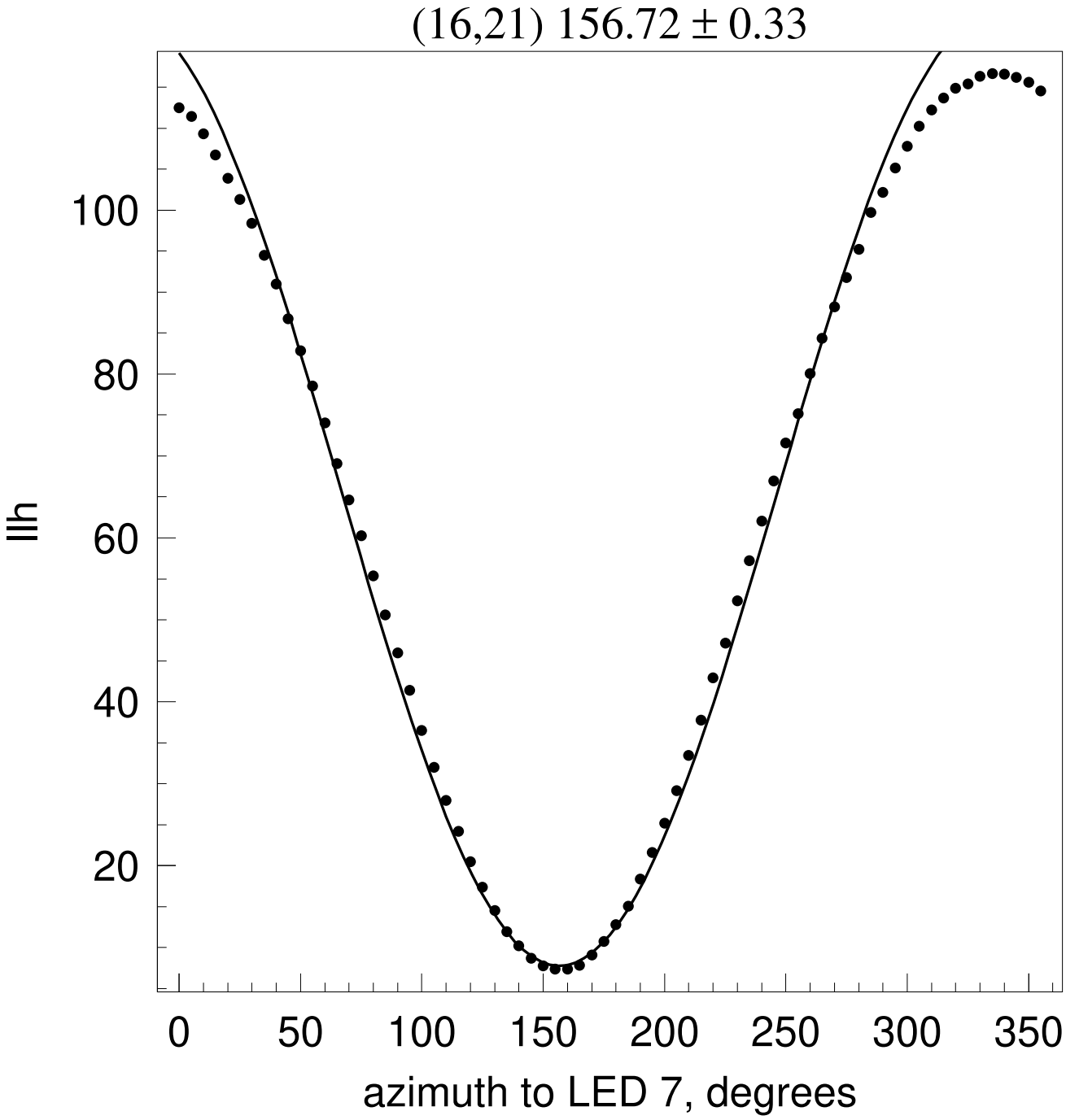

(16,16) 3.68 ± 0.24
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

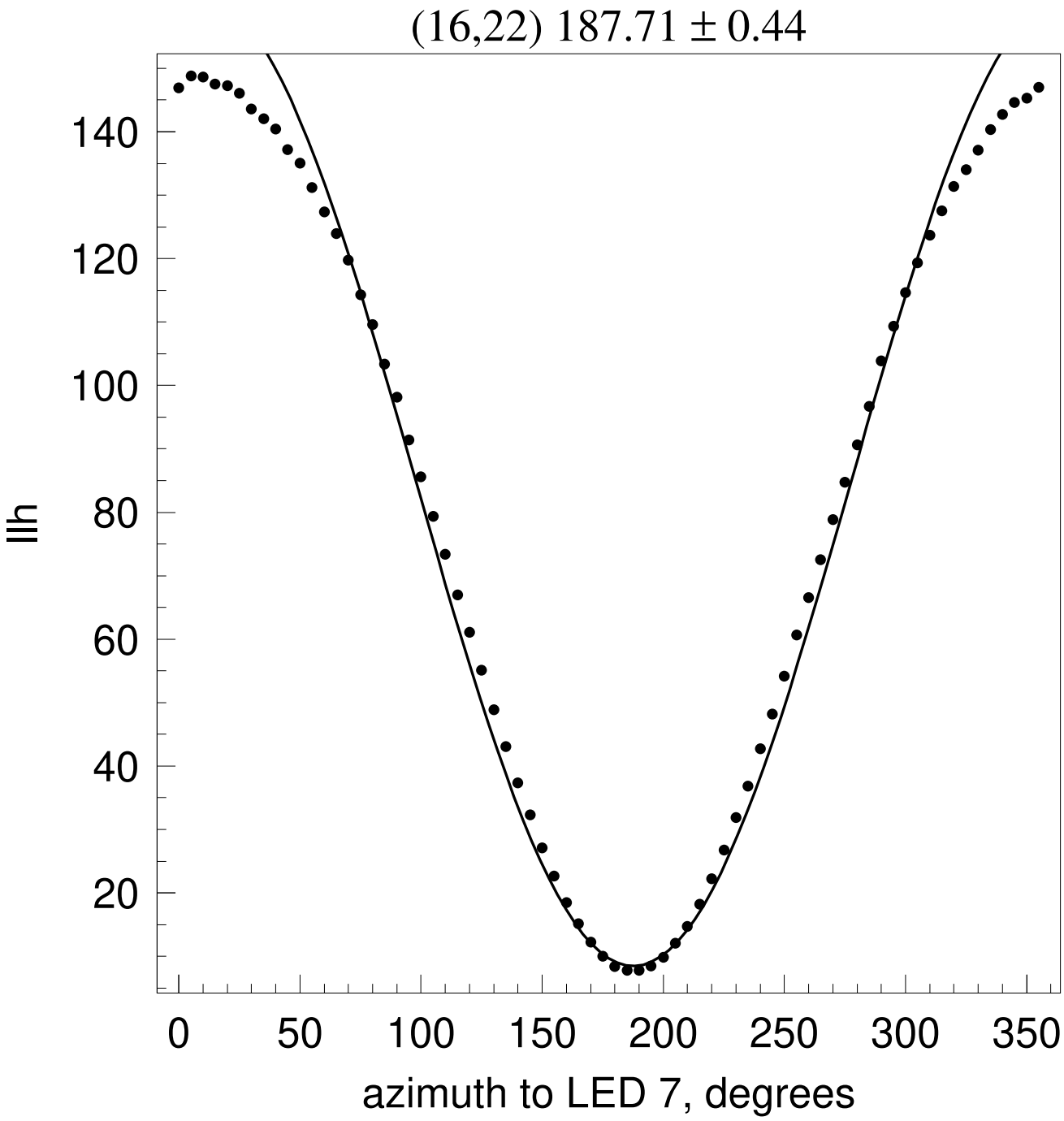

(16,17) 121.52 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

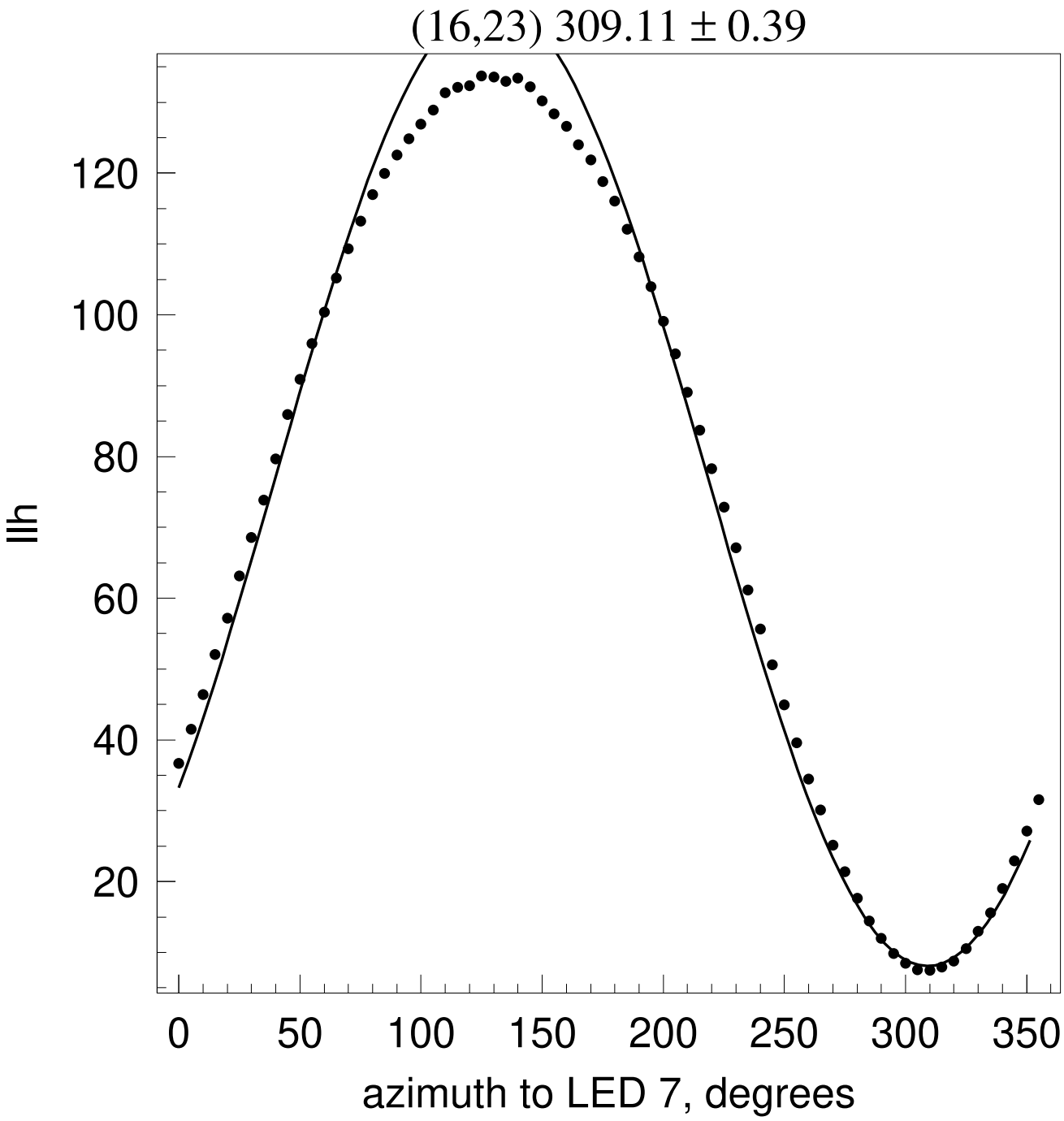

(16,18) 175.22 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

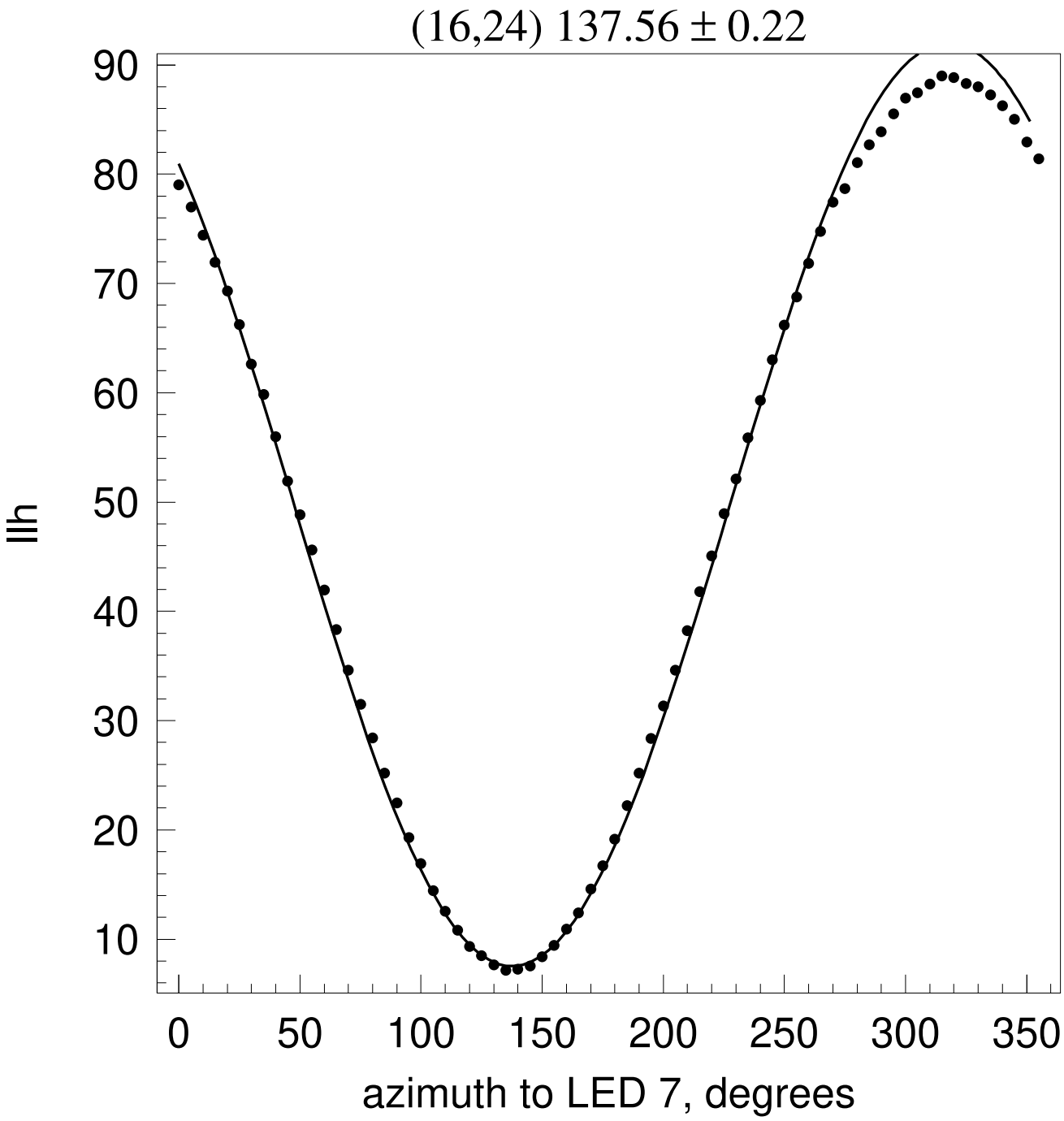

(16,19) 308.53 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

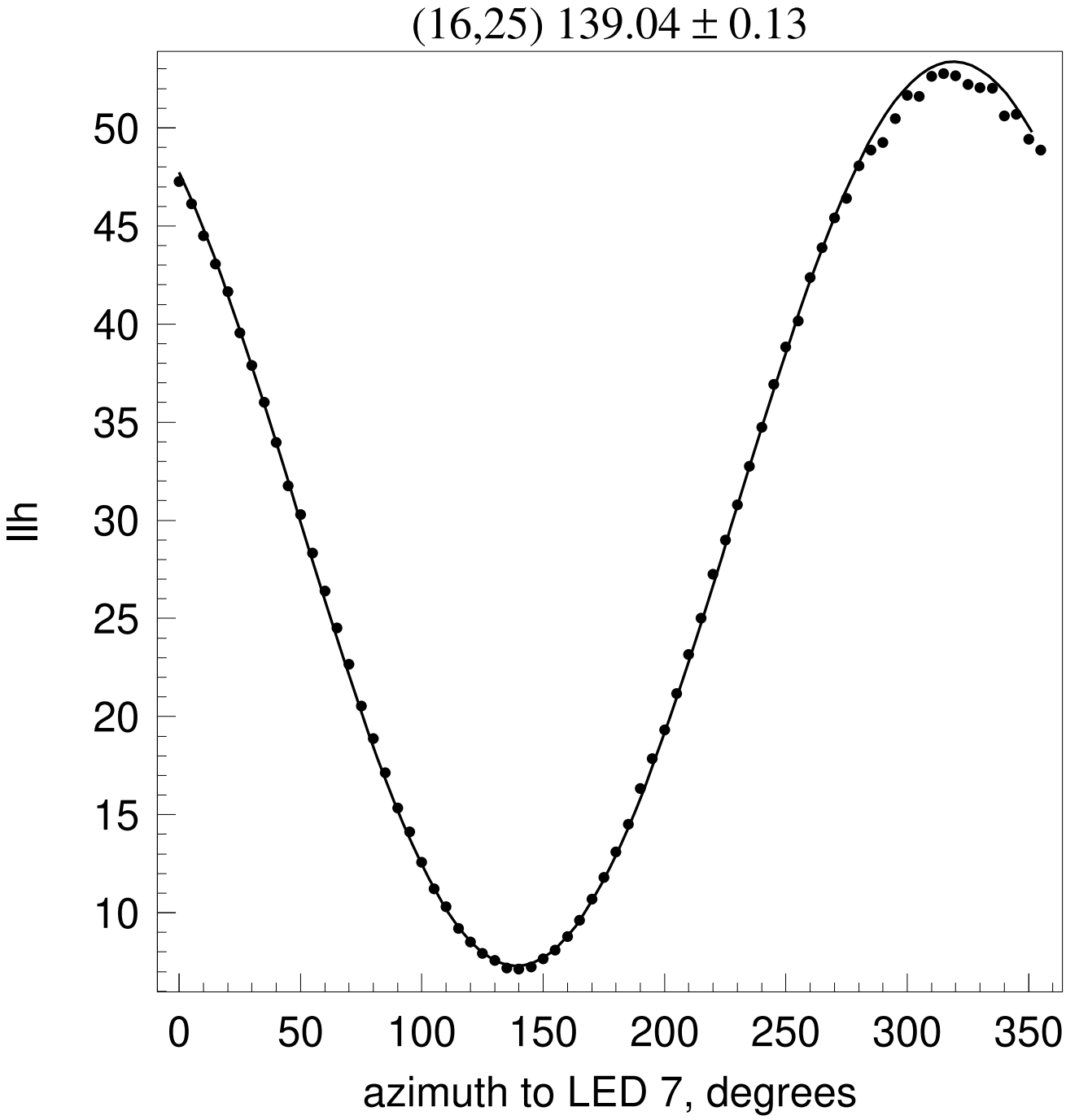

(16,20) 45.97 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

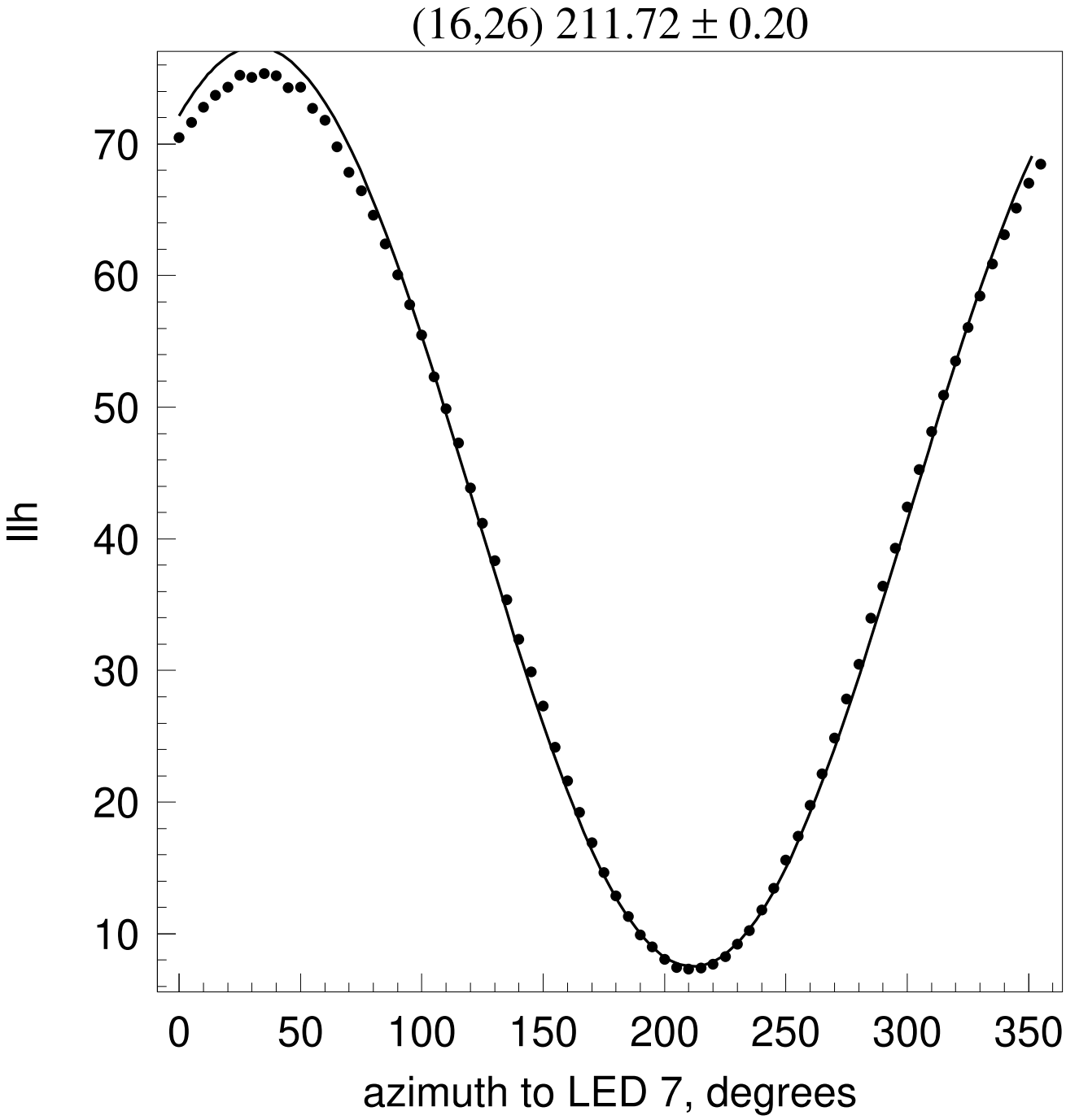

(16,21) 156.72 ± 0.33
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

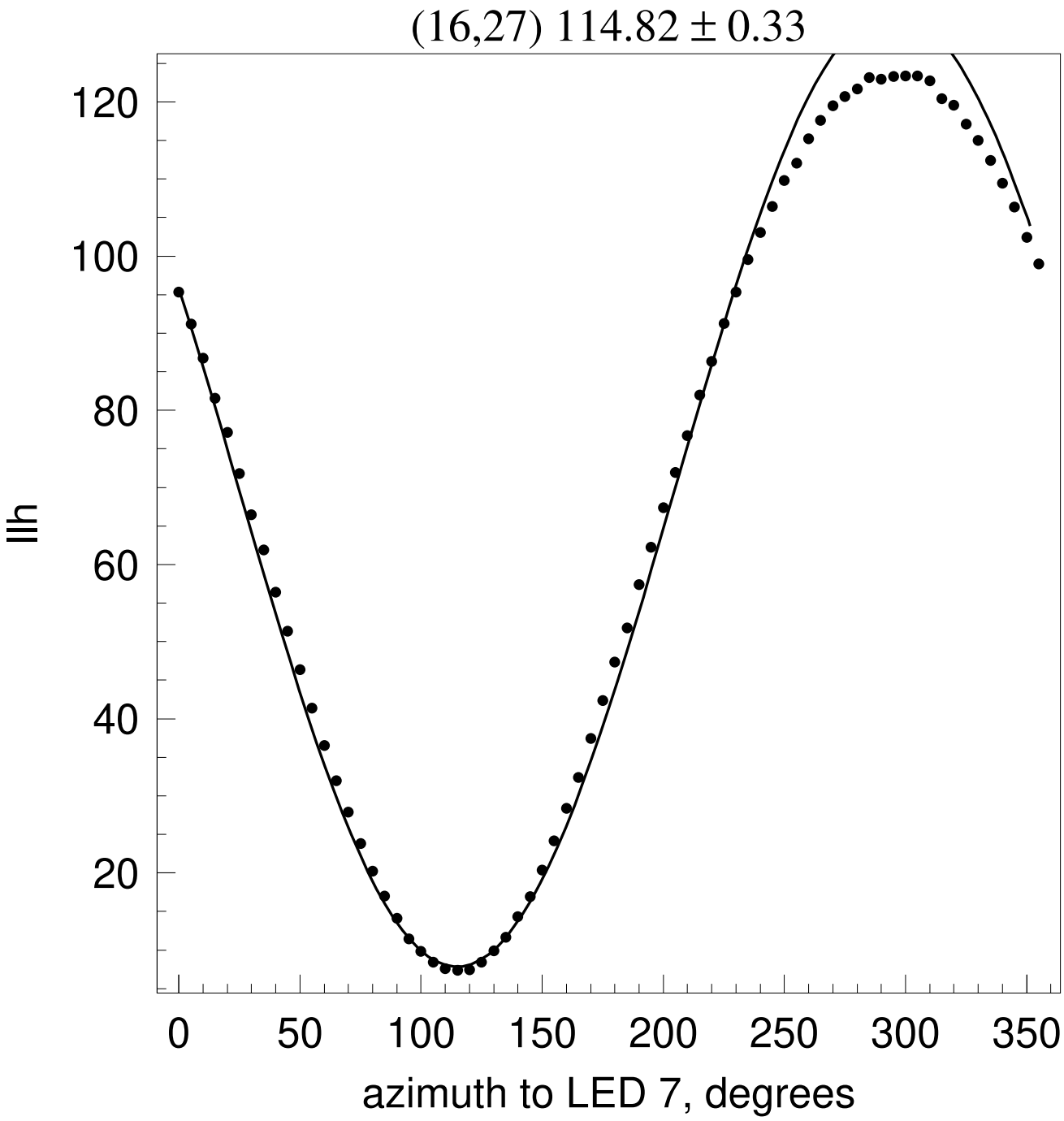

(16,22) 187.71 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

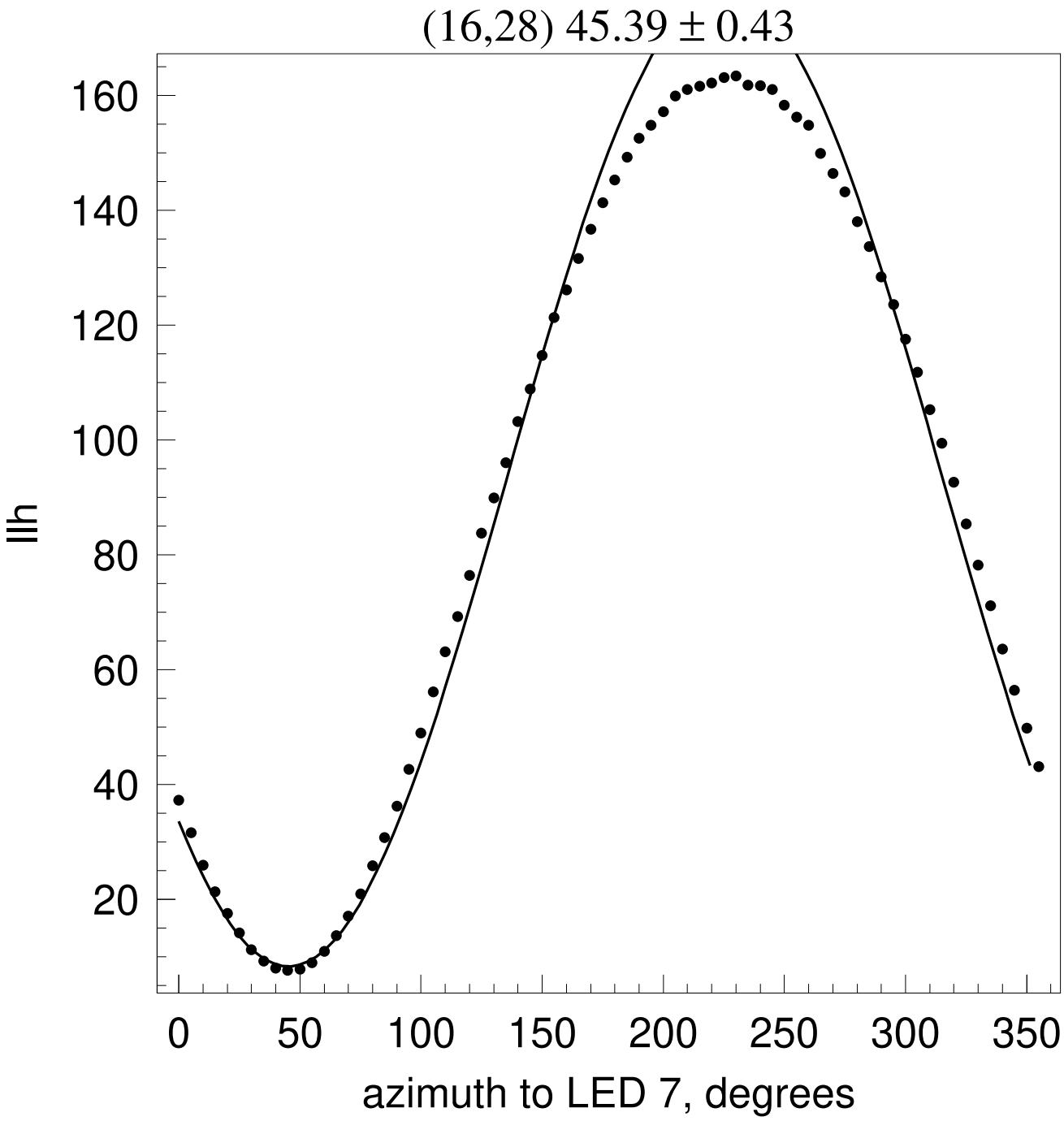

(16,23) 309.11 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

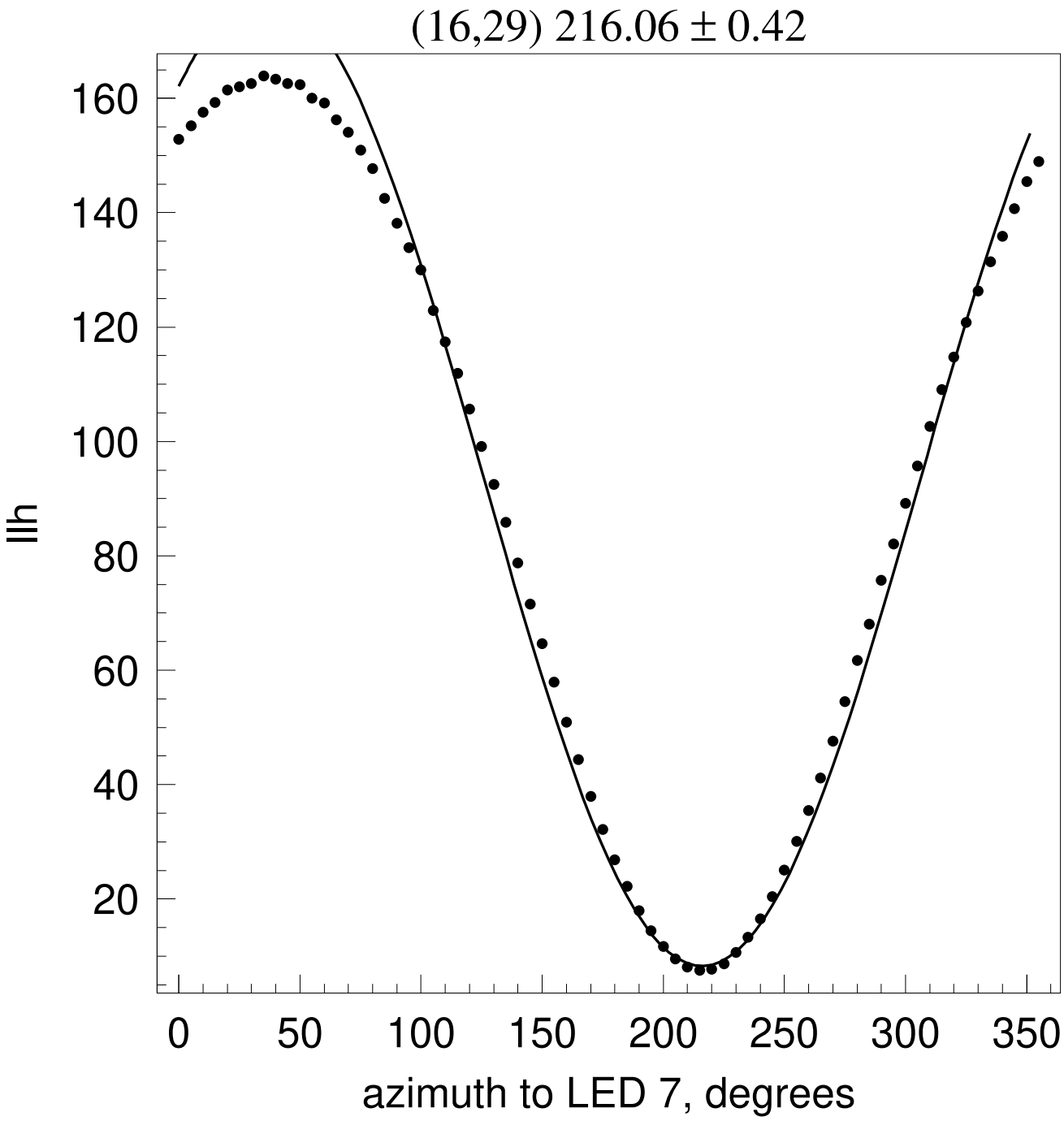

(16,24) 137.56 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

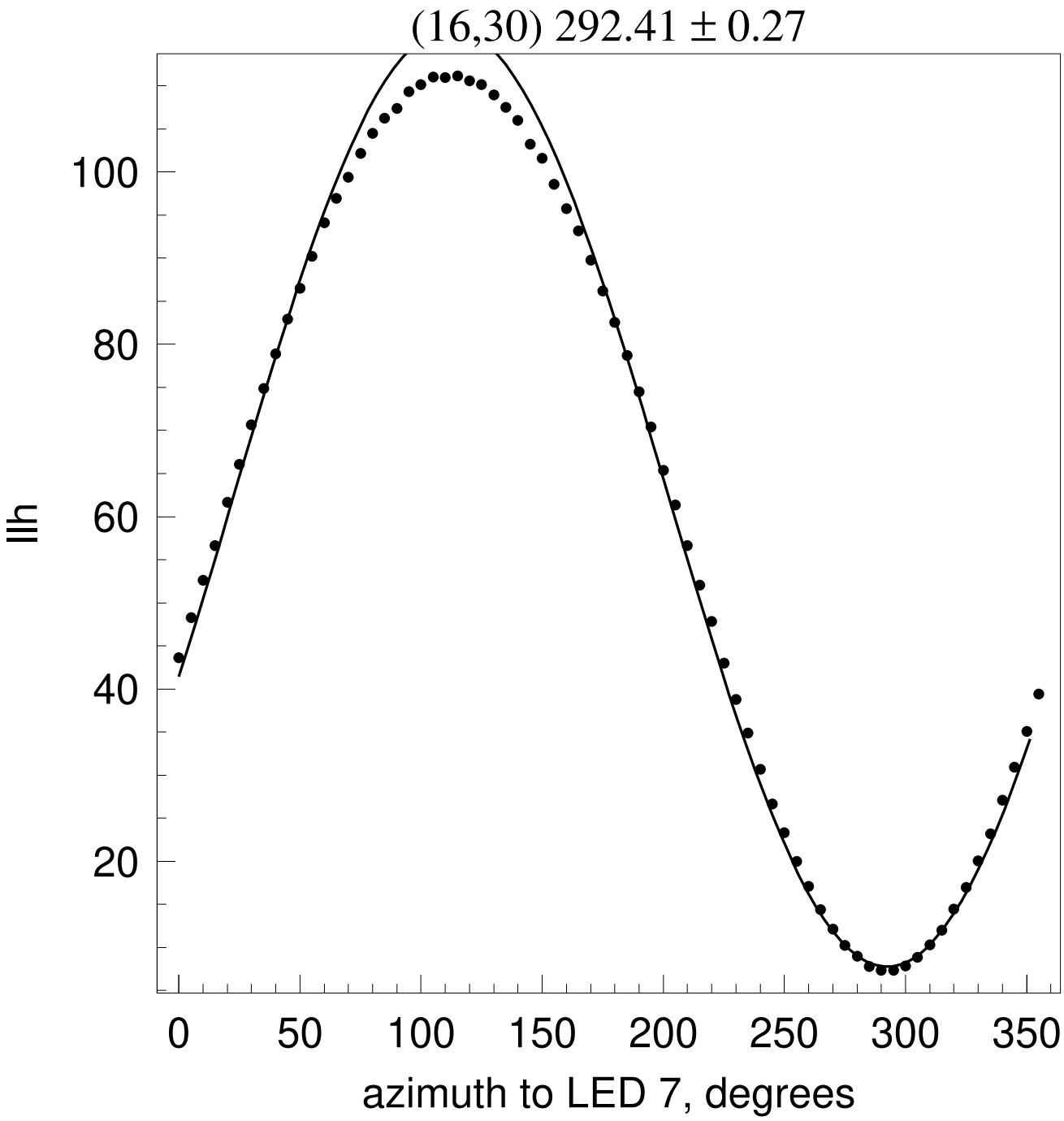

(16,25) 139.04 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

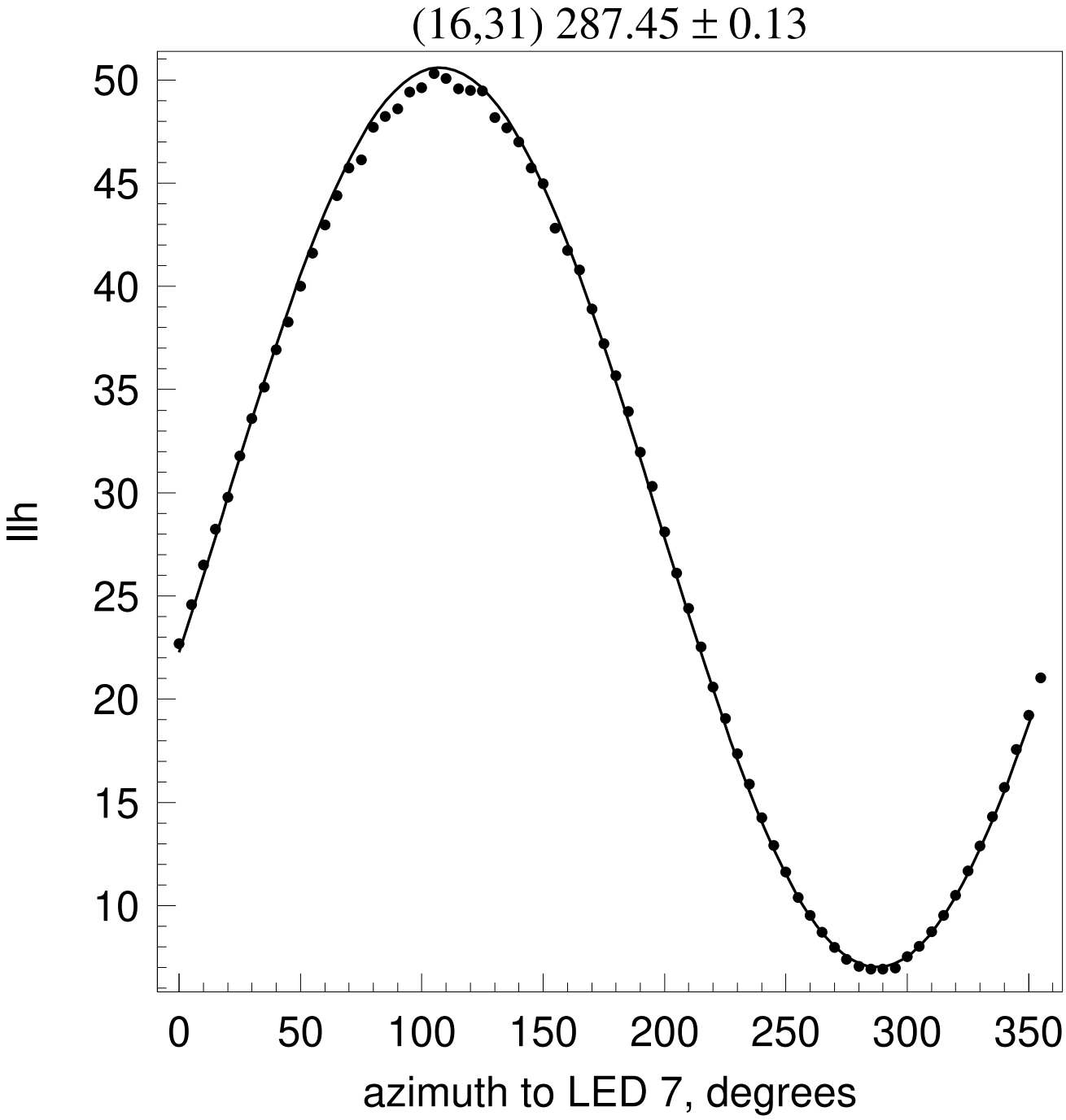

(16,26) 211.72 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

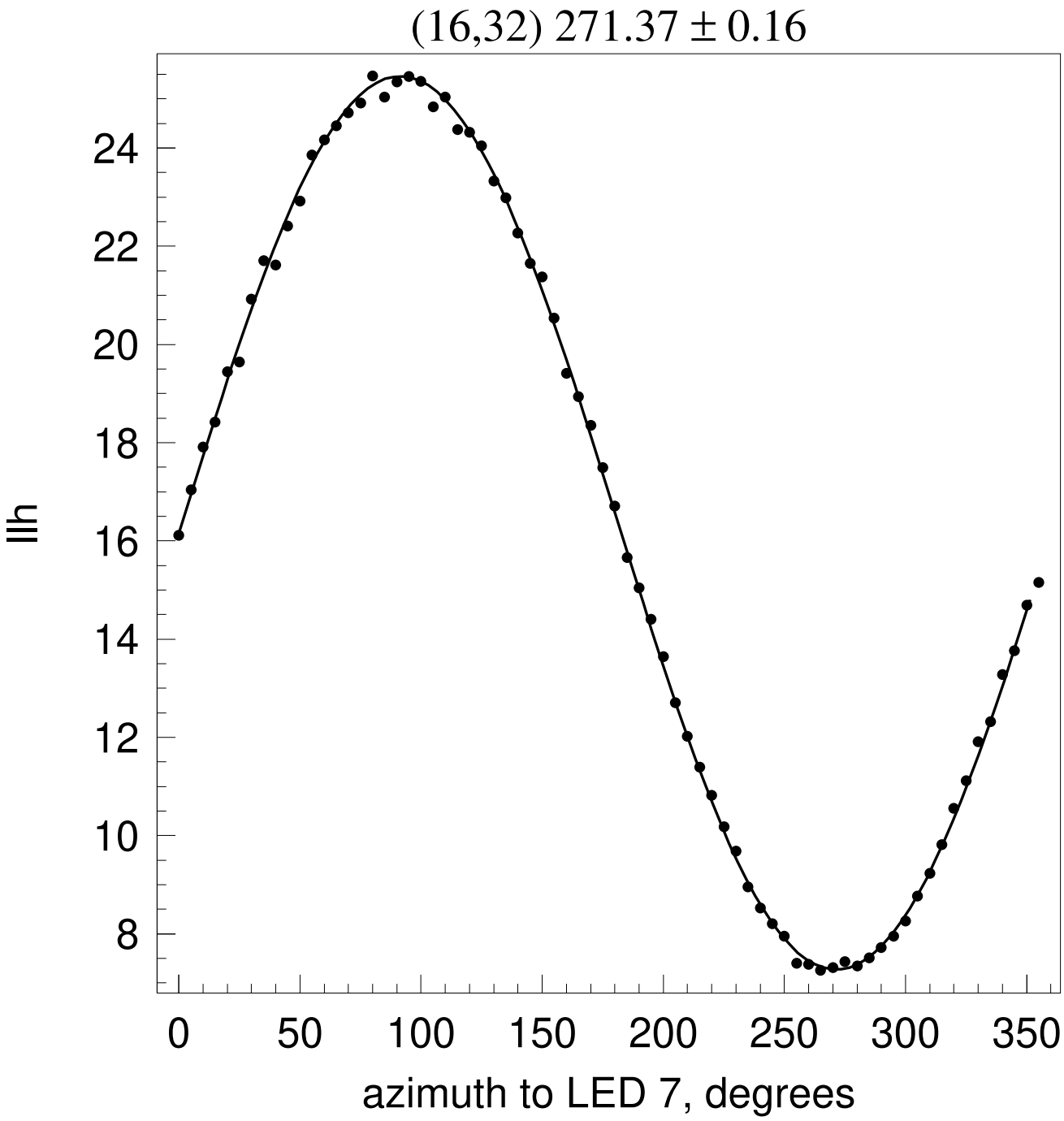

(16,27) 114.82 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

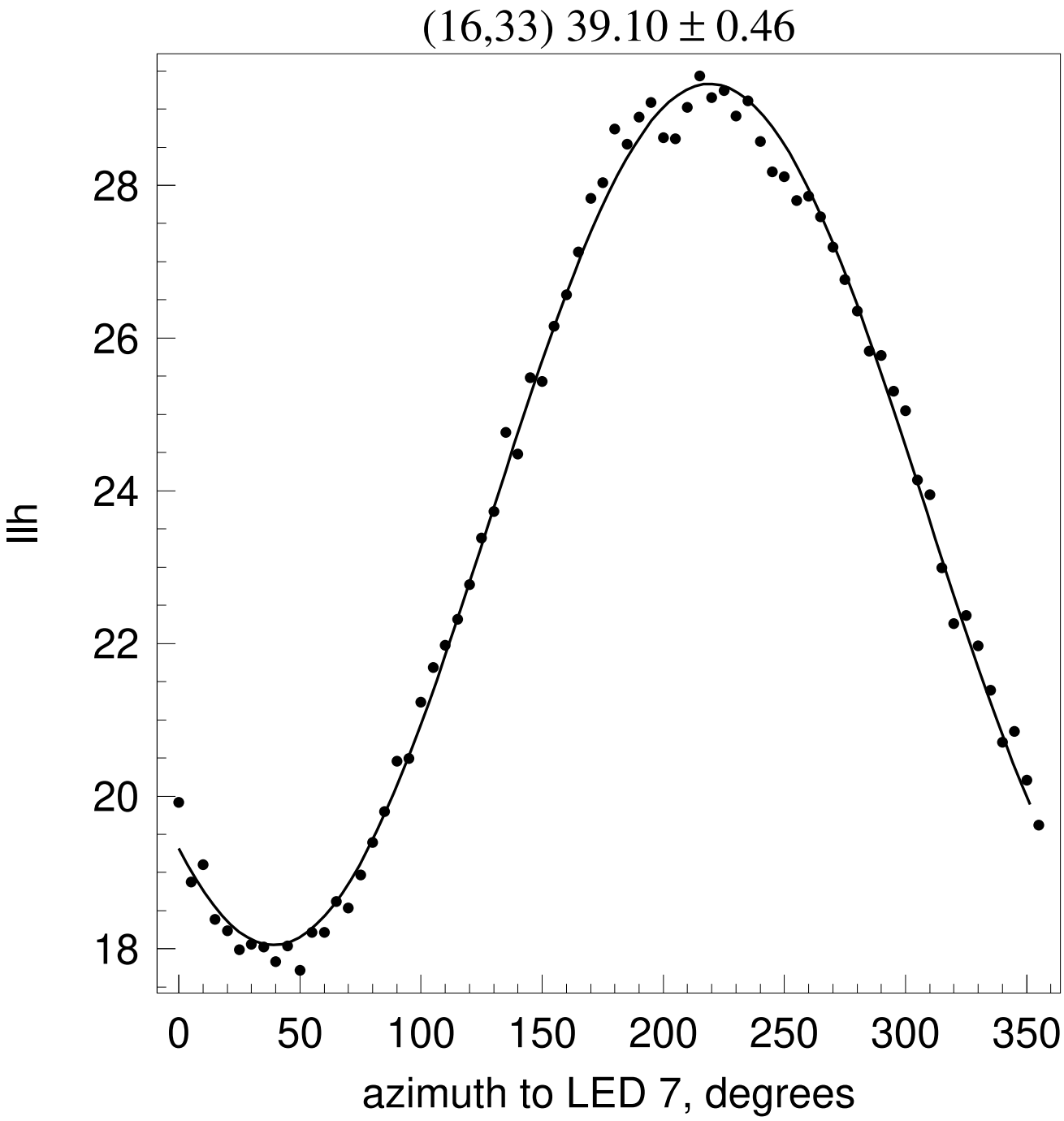

(16,28) 45.39 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

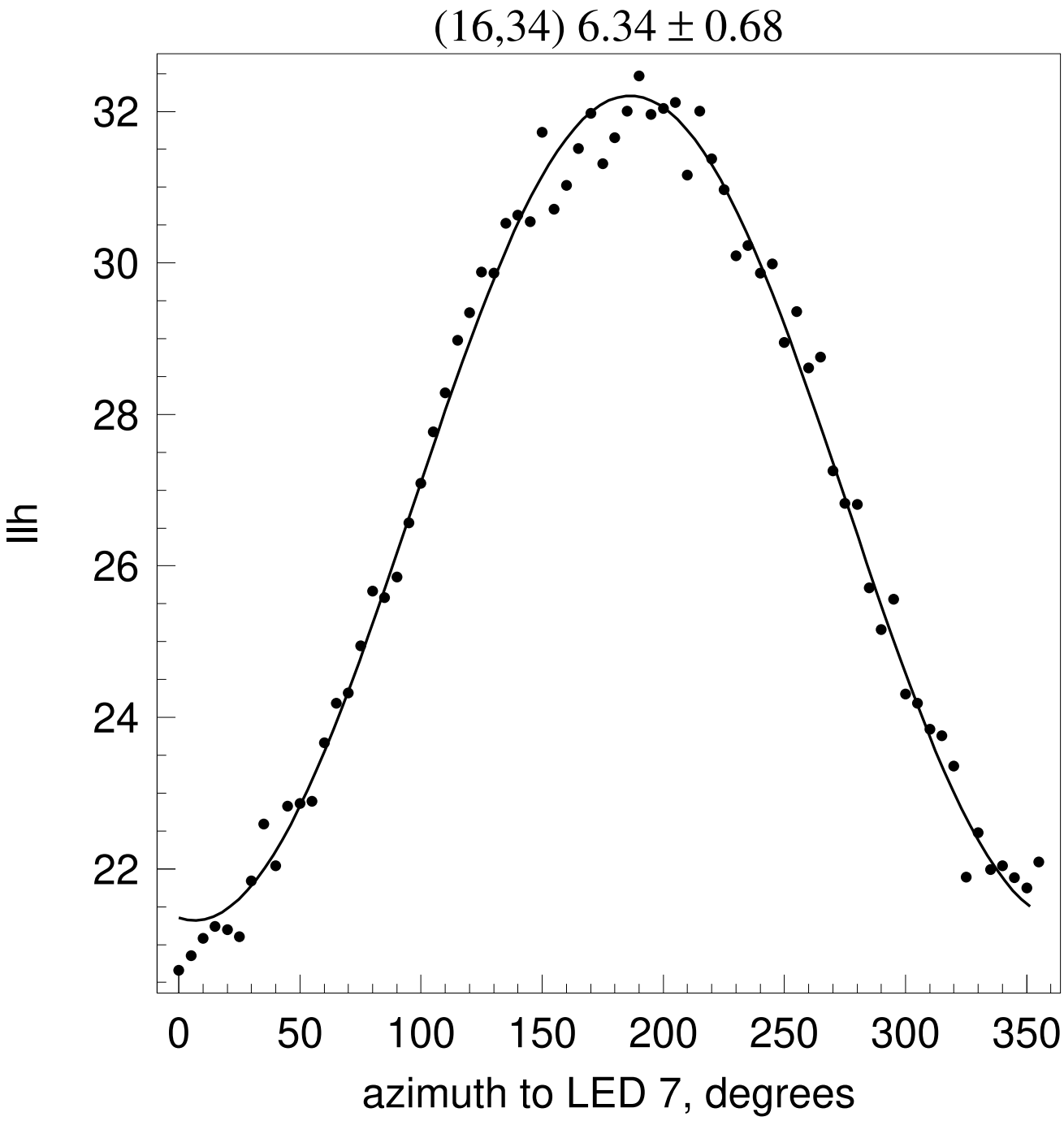

(16,29) 216.06 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

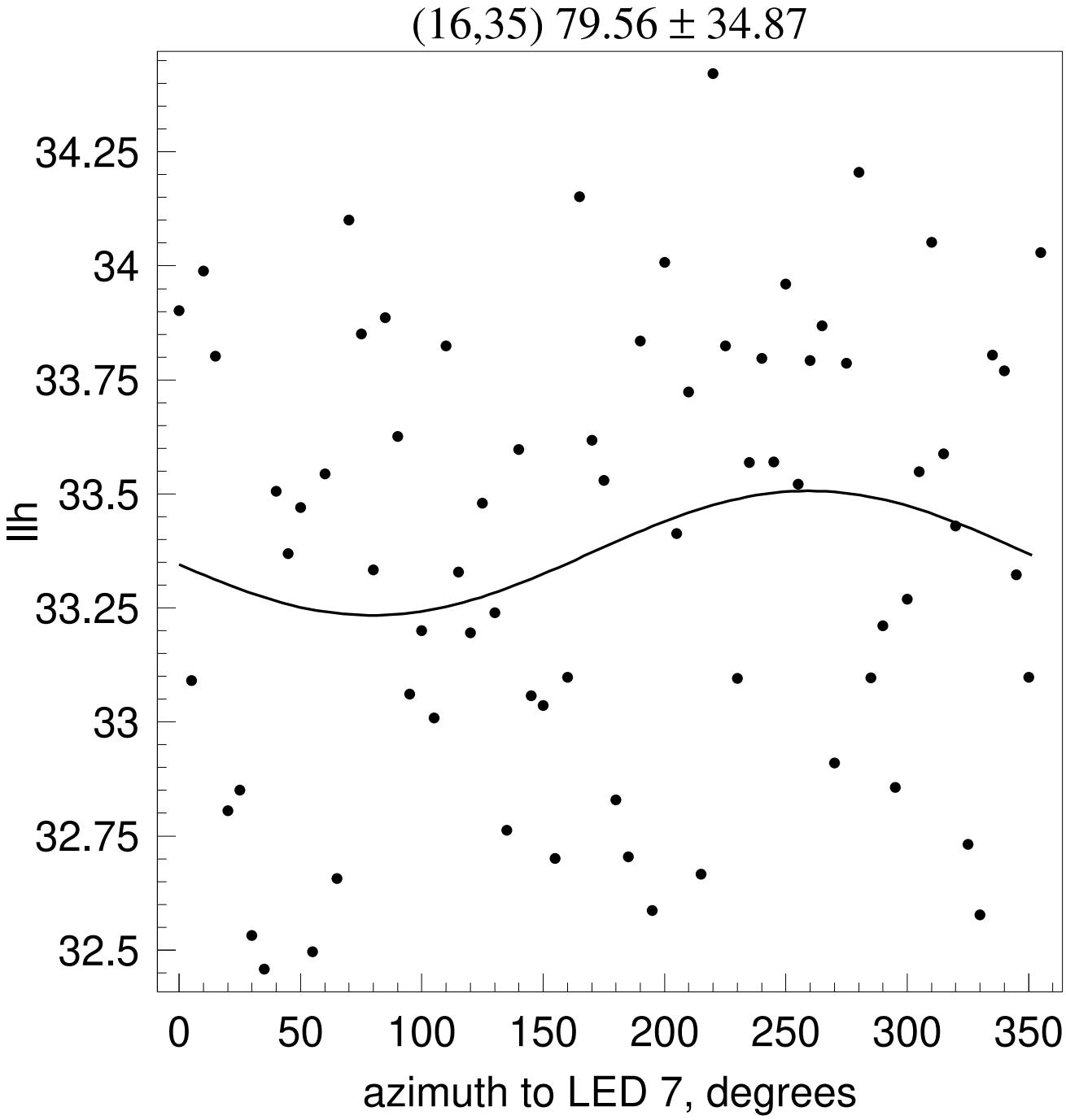

(16,30) 292.41 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

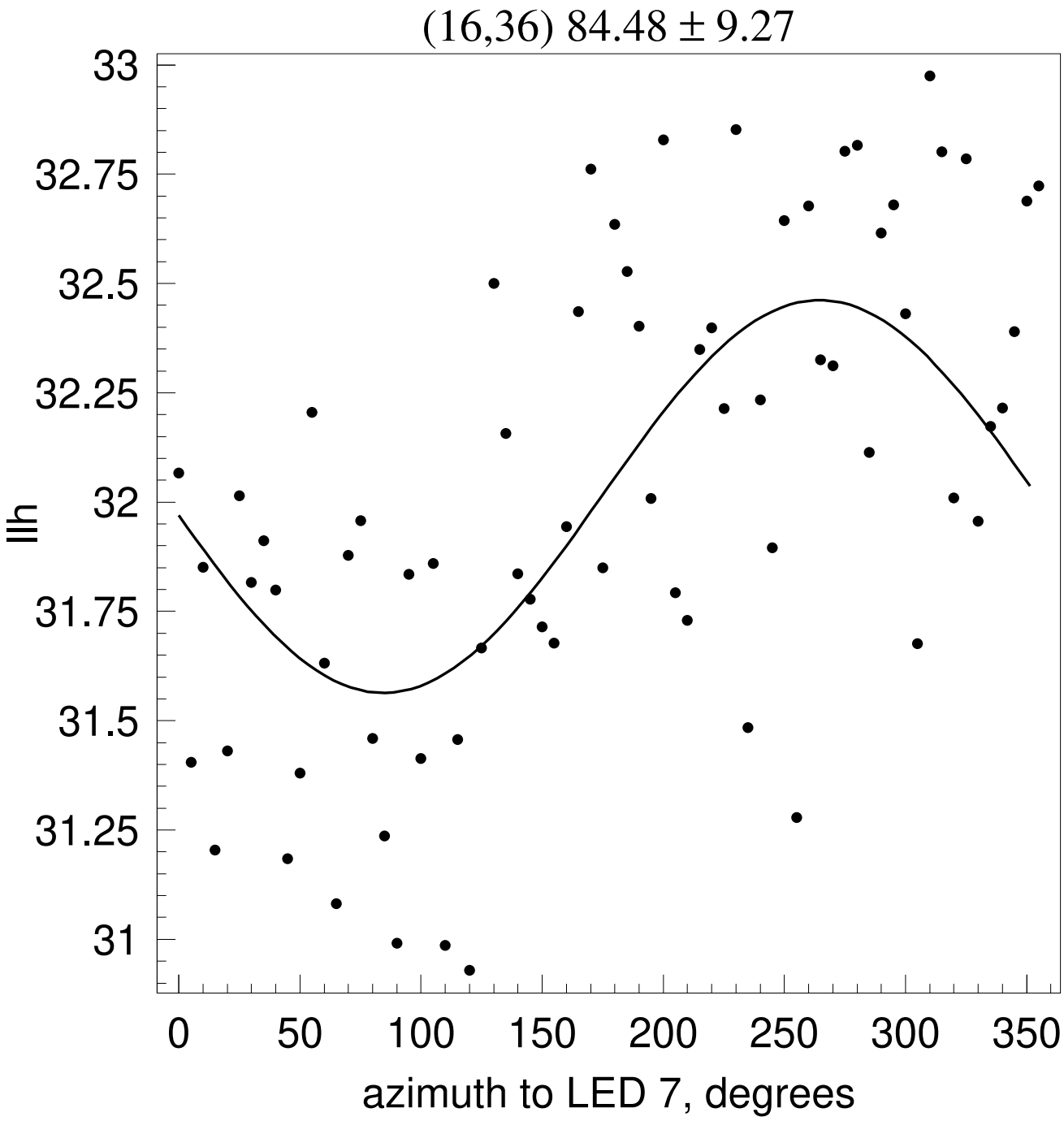

(16,31) 287.45 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

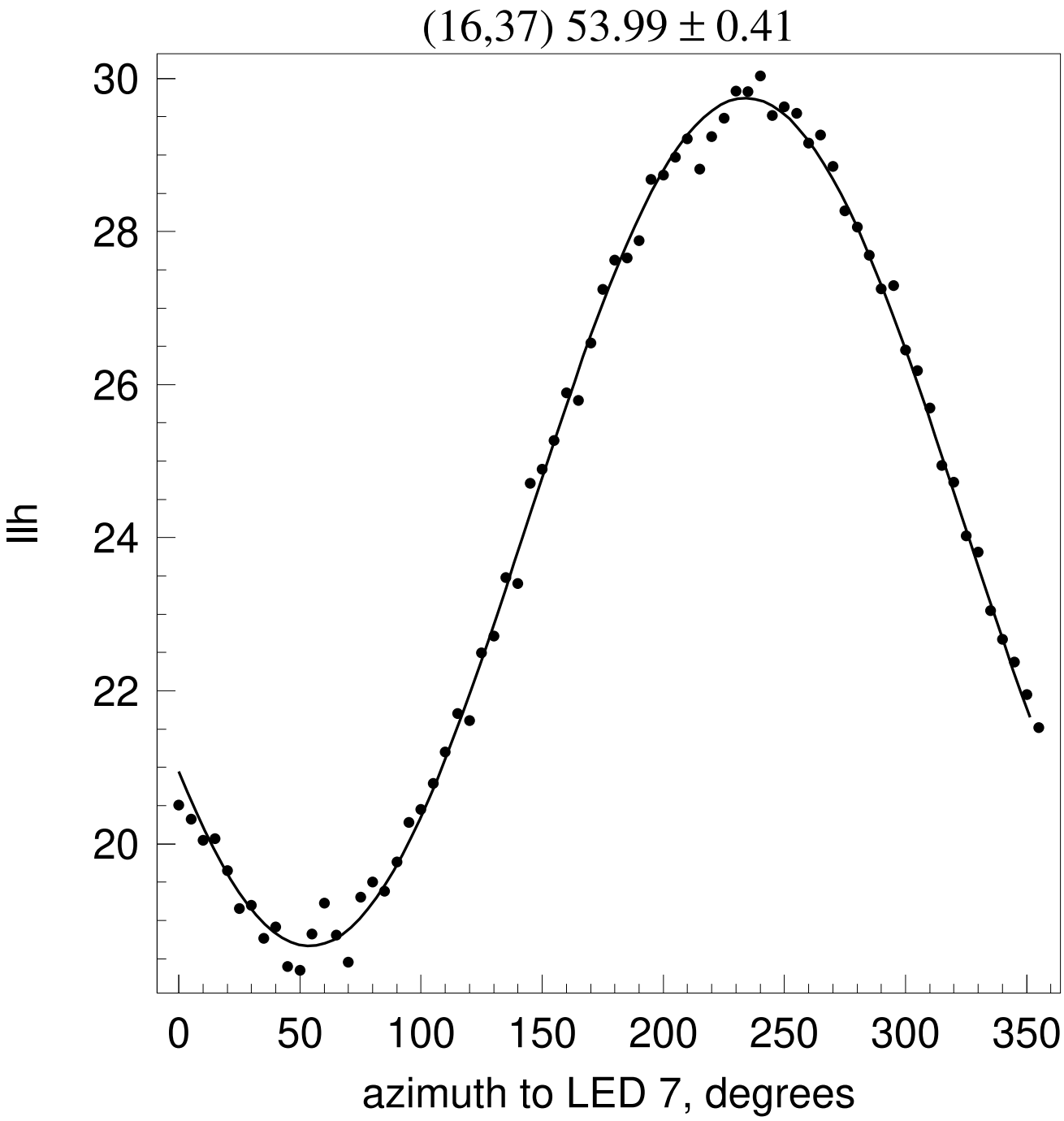

(16,32) 271.37 ± 0.16
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

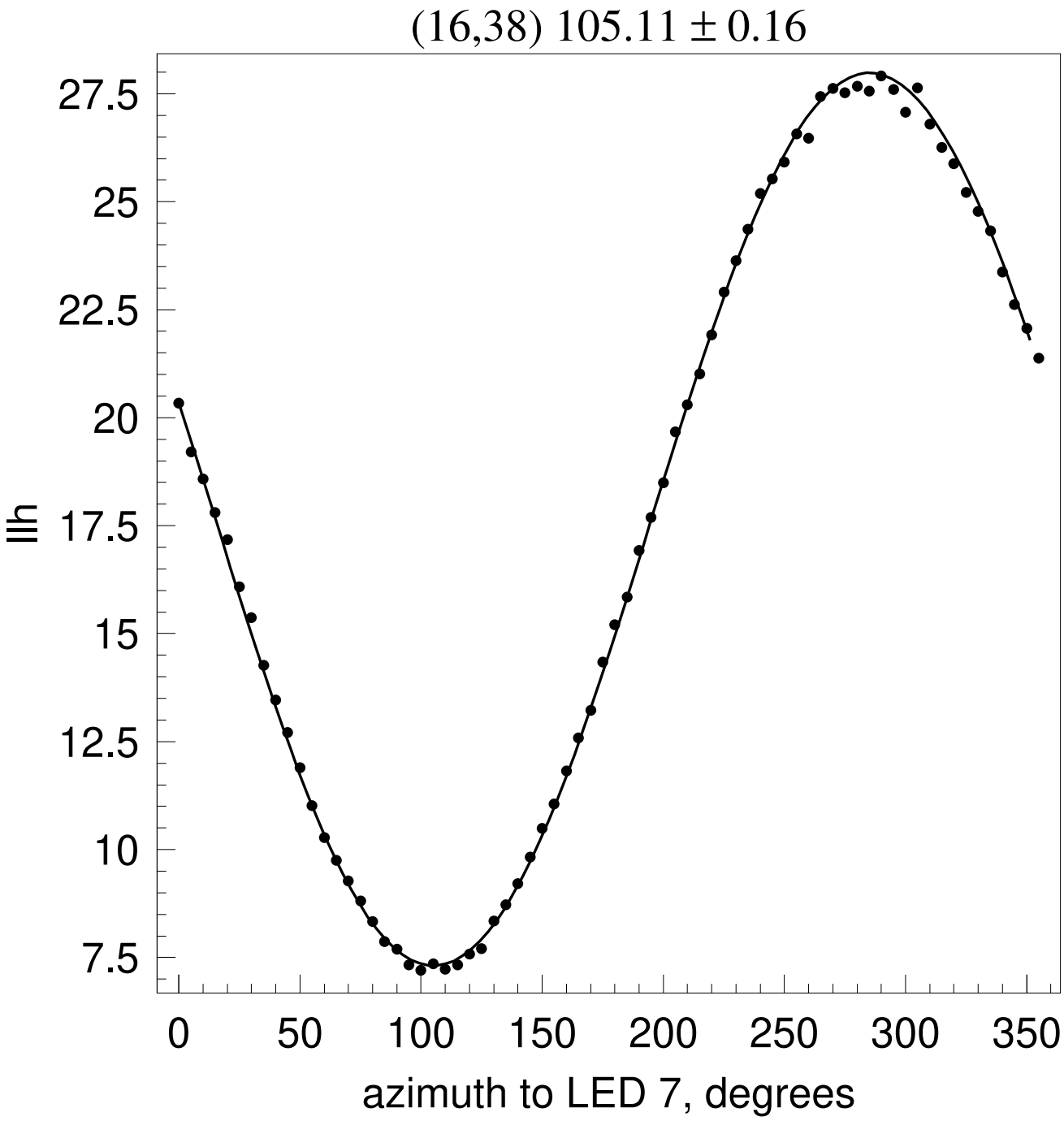

(16,33) 39.10 ± 0.46
28
26
24
22
20
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

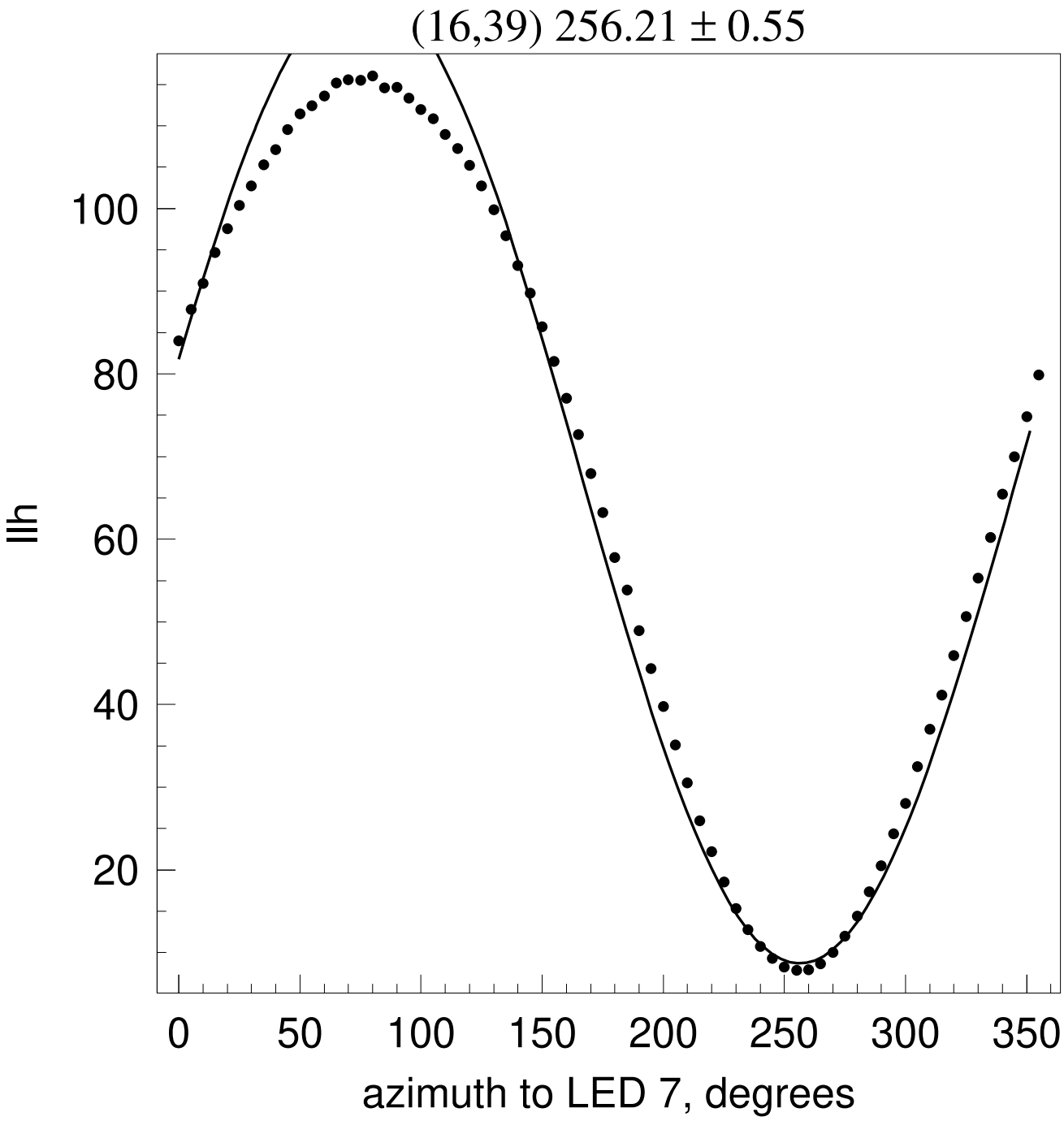

(16,34) 6.34 ± 0.68
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

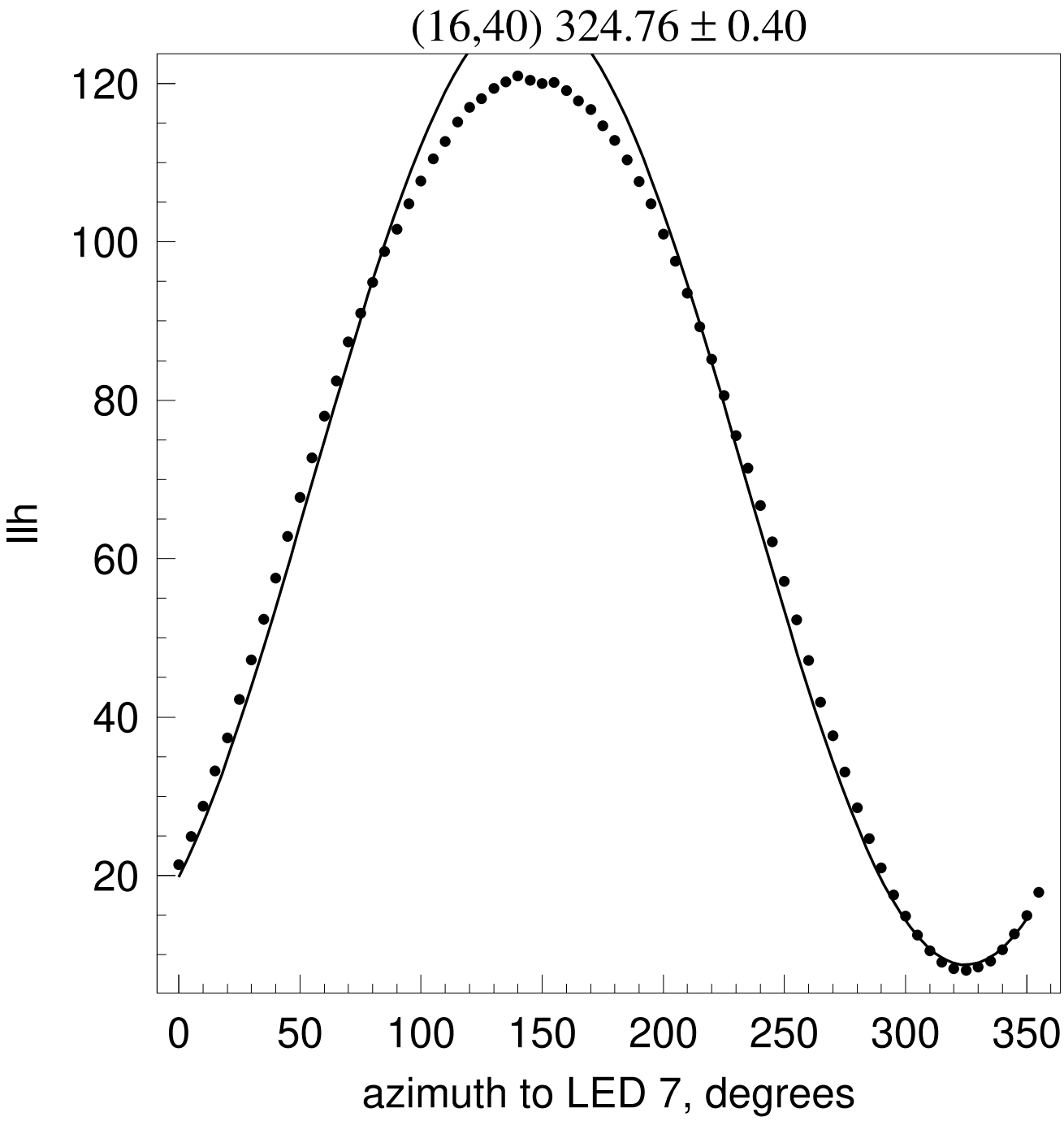

(16,35) 79.56 ± 34.87
34.25
34
33.75
33.5
33.25
33
32.75
32.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

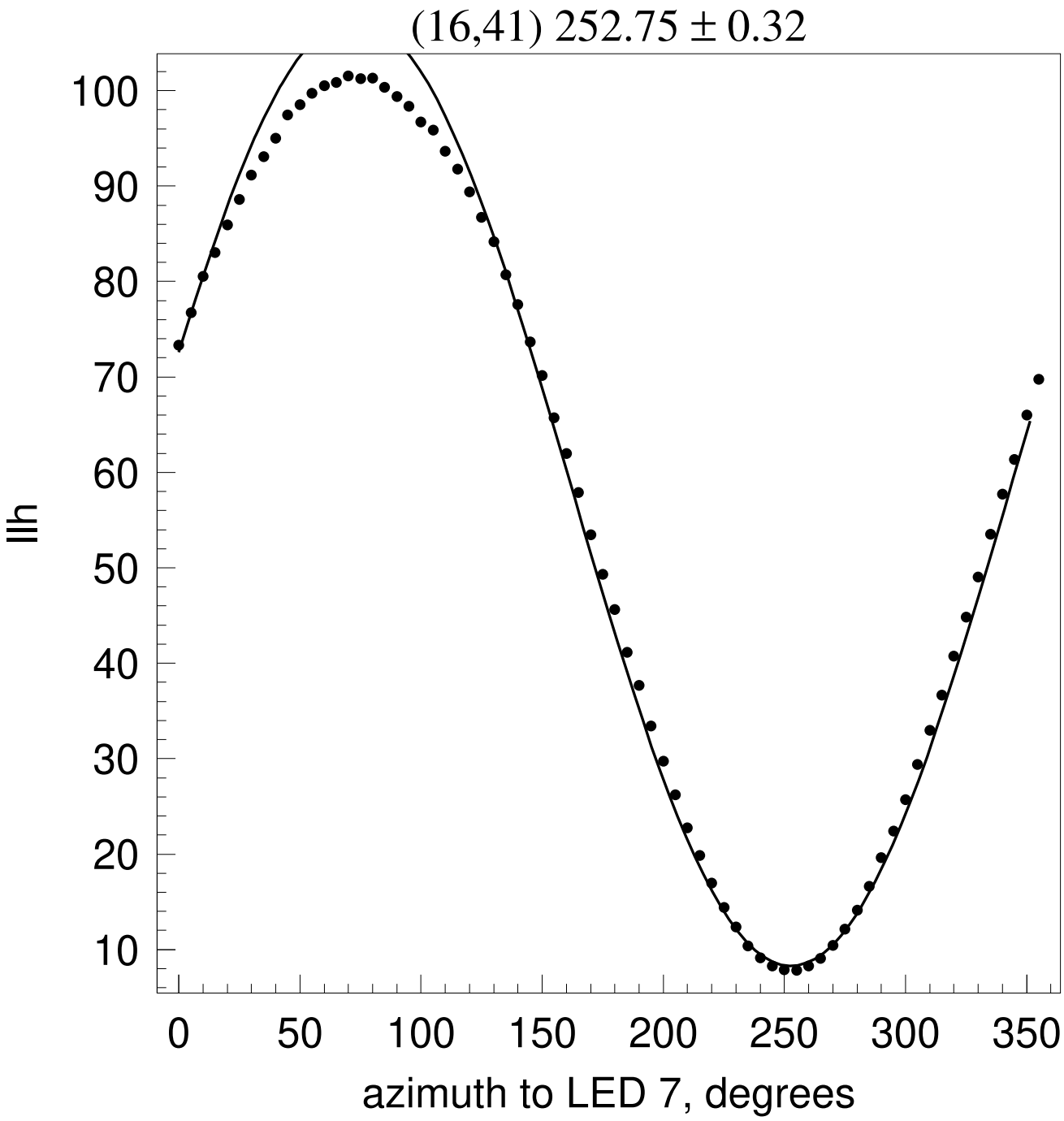

(16,36) 84.48 ± 9.27
33
32.75
32.5
32.25
32
31.75
31.5
31.25
31
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

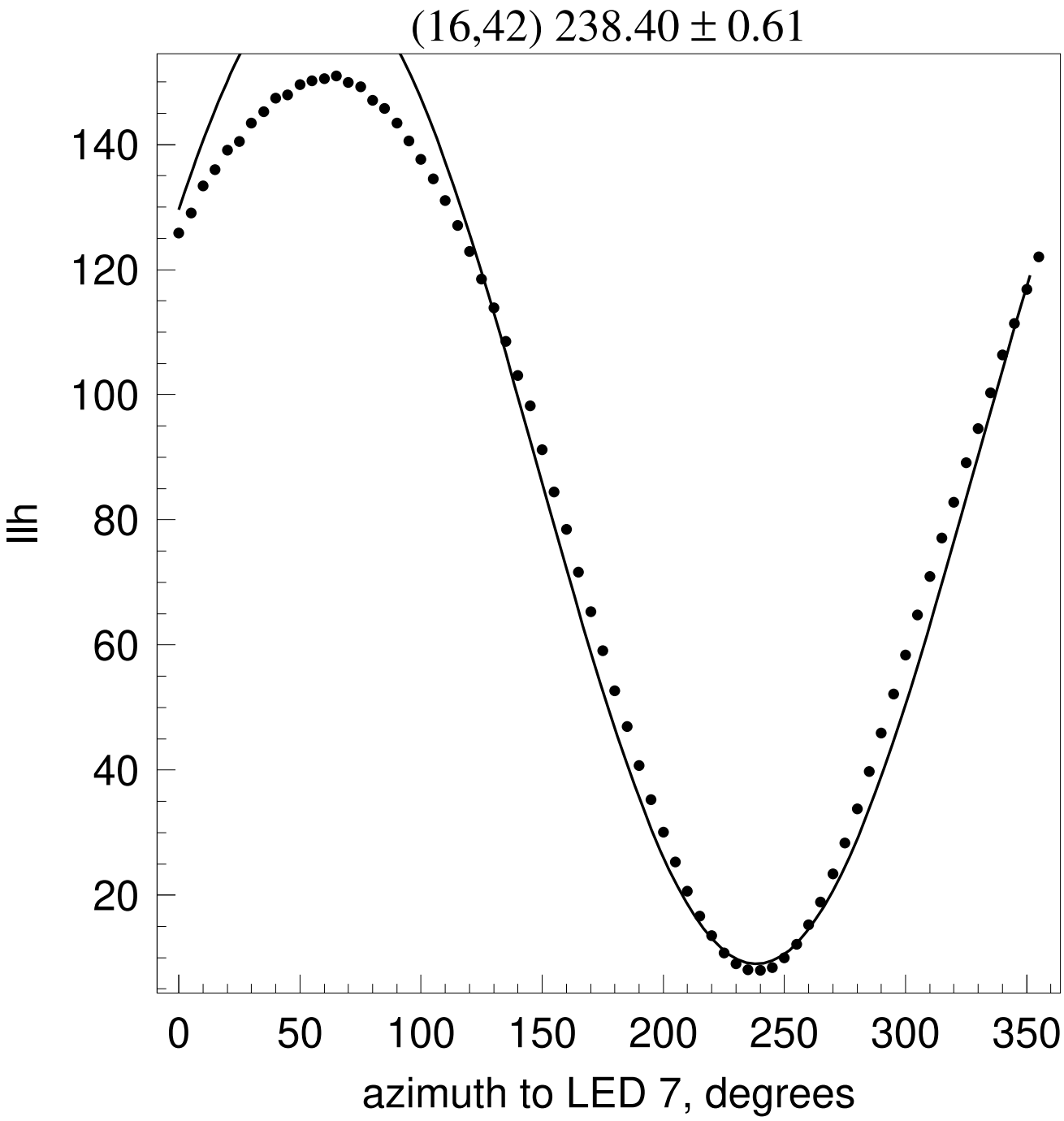

(16,37) 53.99 ± 0.41
30
28
26
24
22
20
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

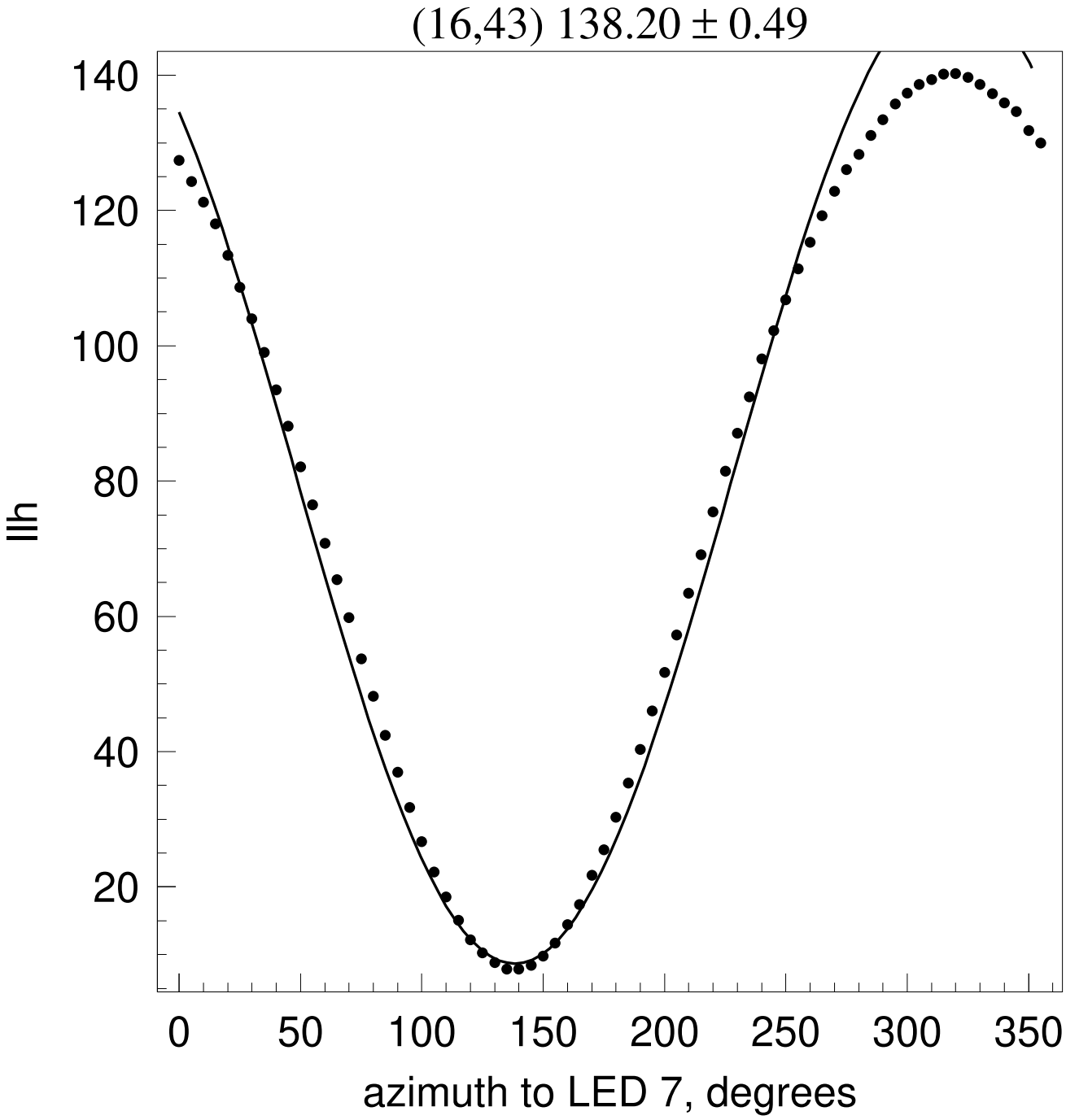

(16,38) 105.11 ± 0.16
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

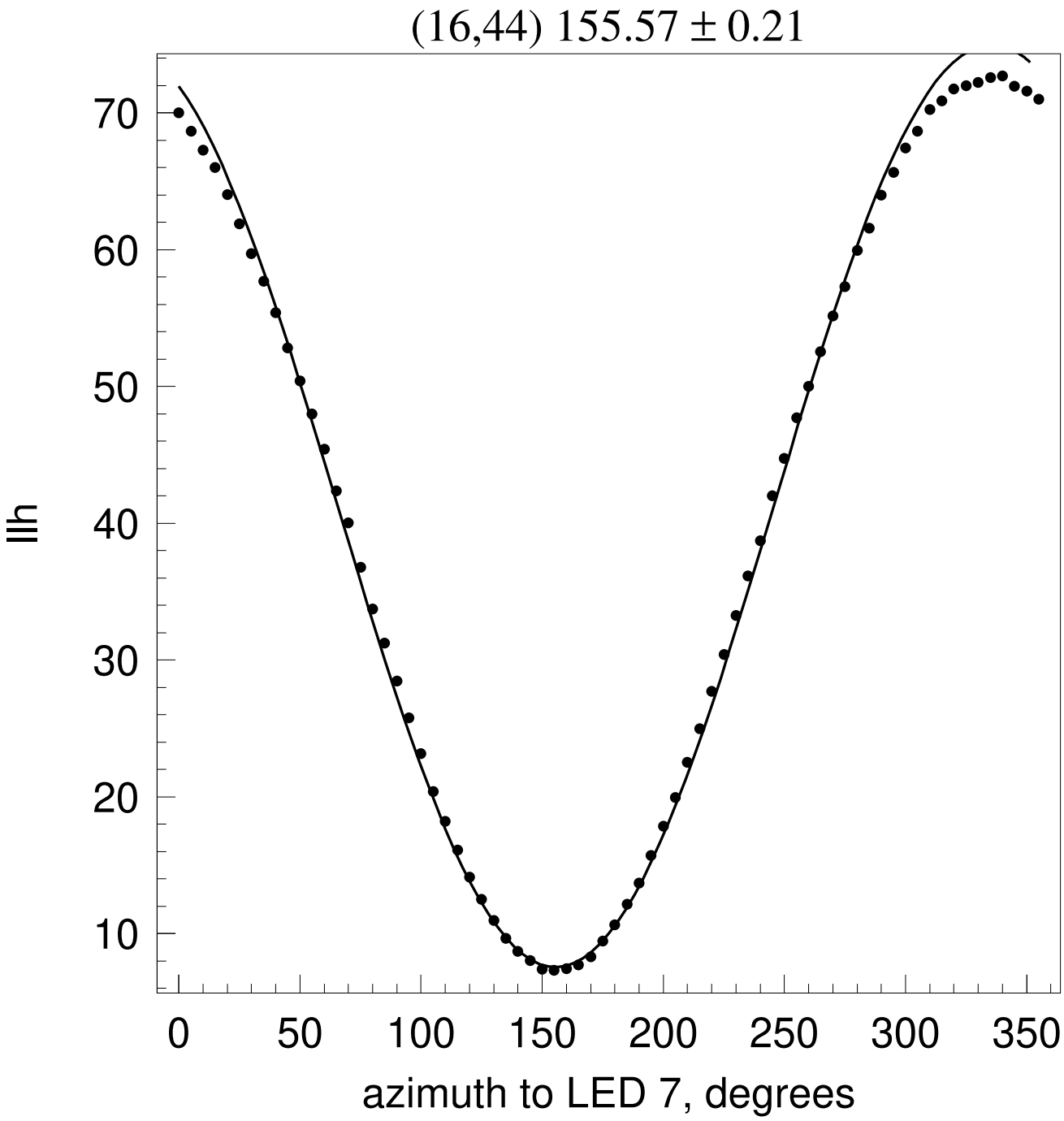

(16,39) 256.21 ± 0.55
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

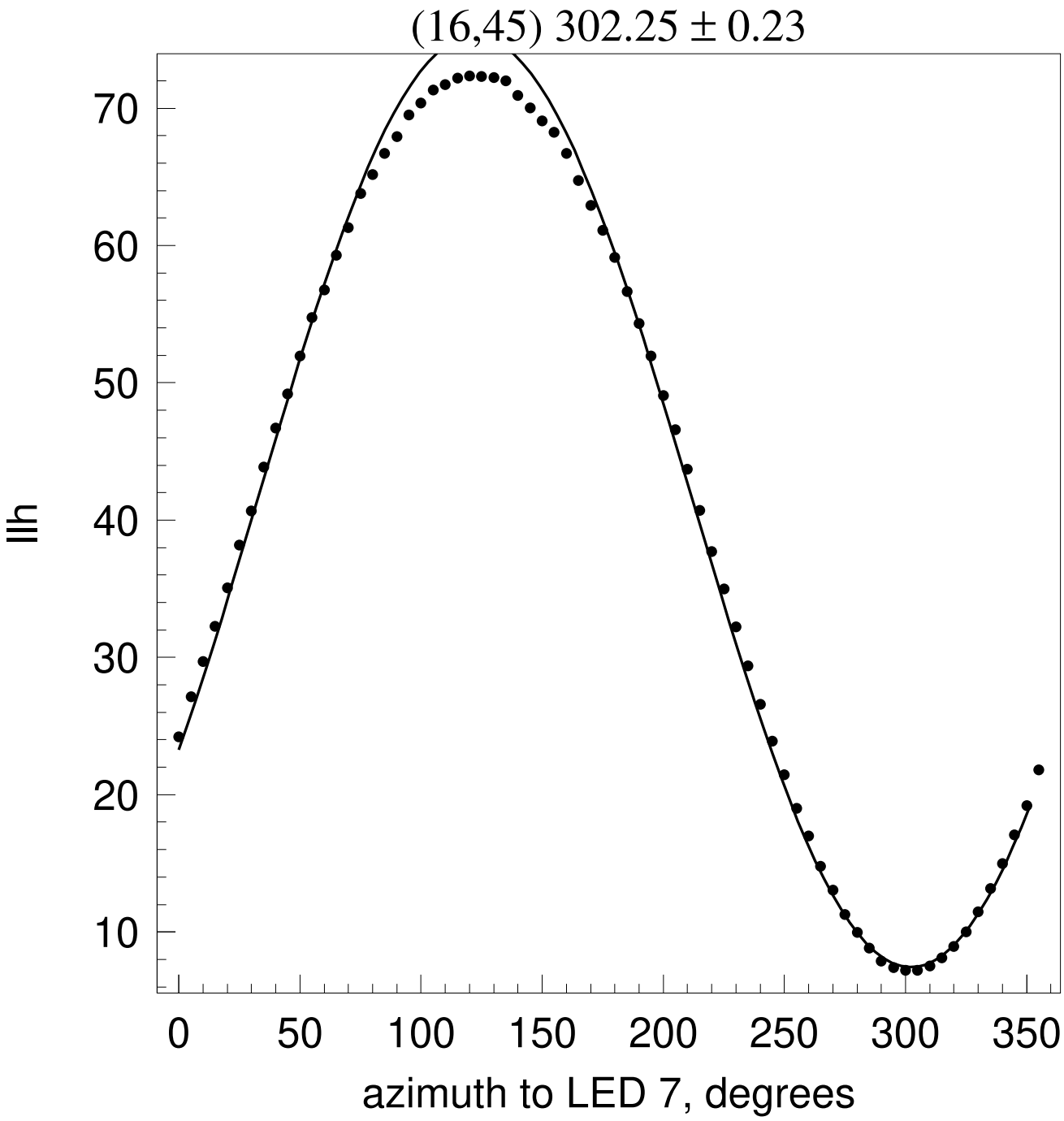

(16,40) 324.76 ± 0.40
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

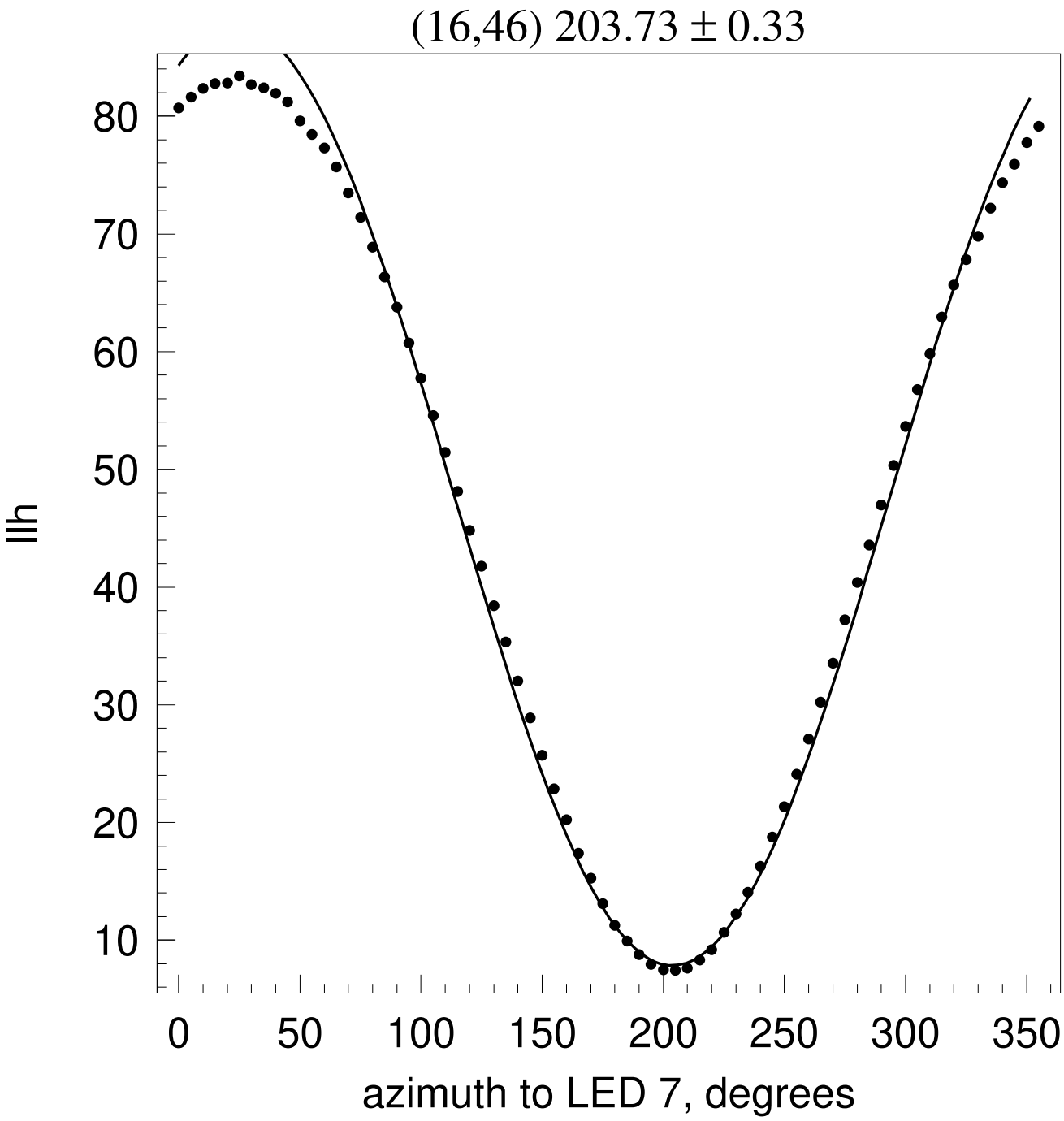

(16,41) 252.75 ± 0.32
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

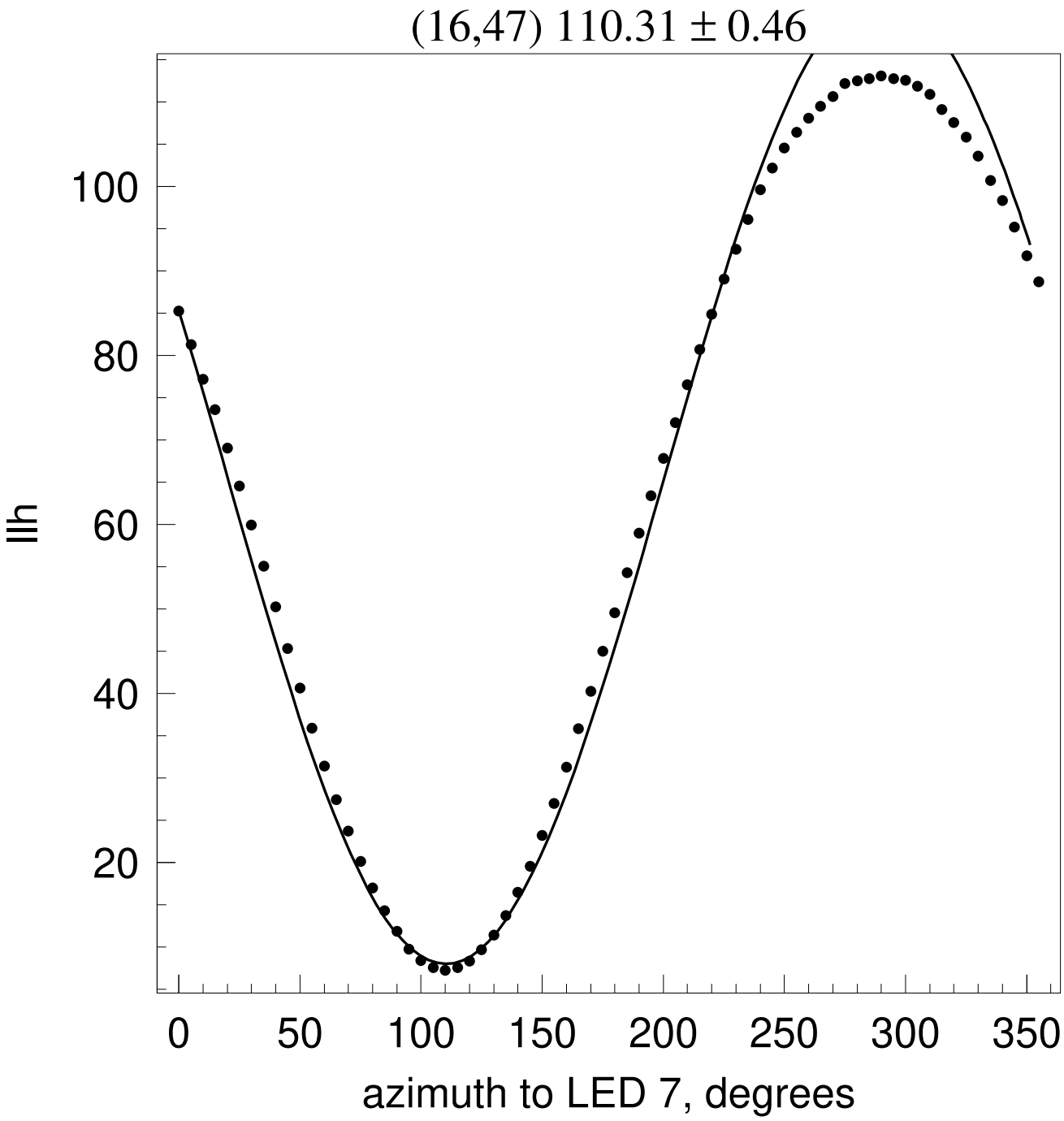

(16,42) 238.40 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

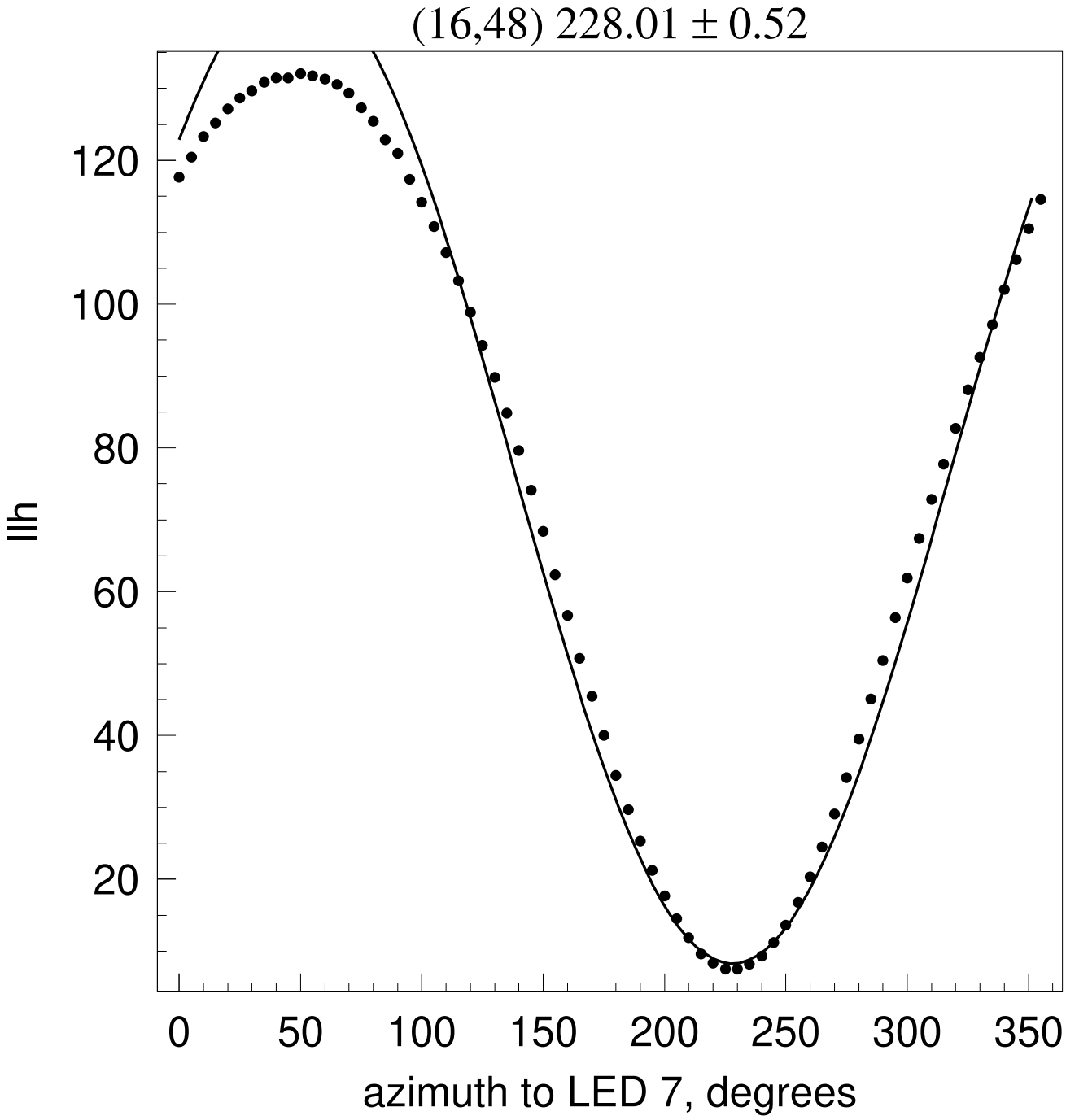

(16,43) 138.20 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

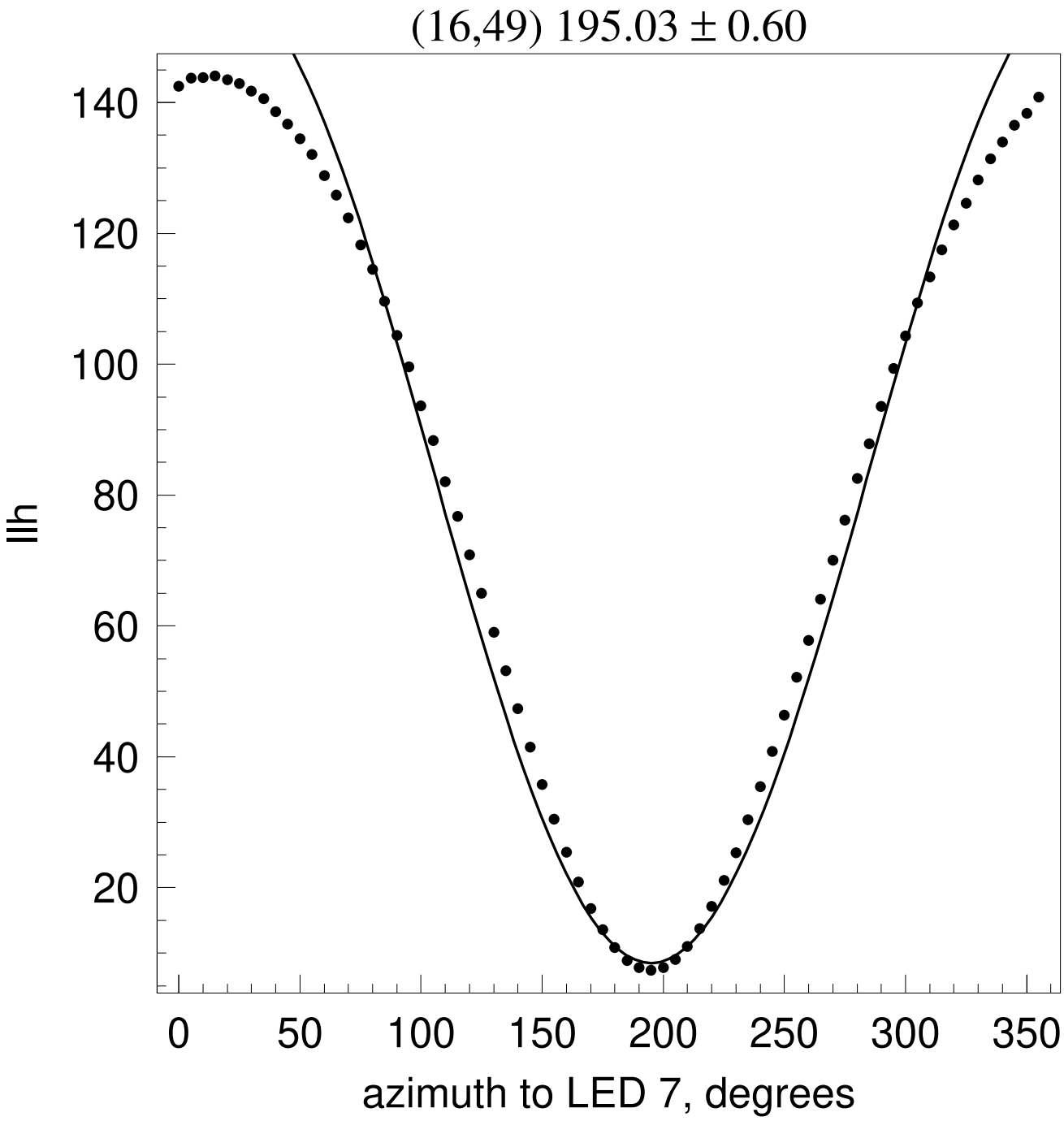

(16,44) 155.57 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

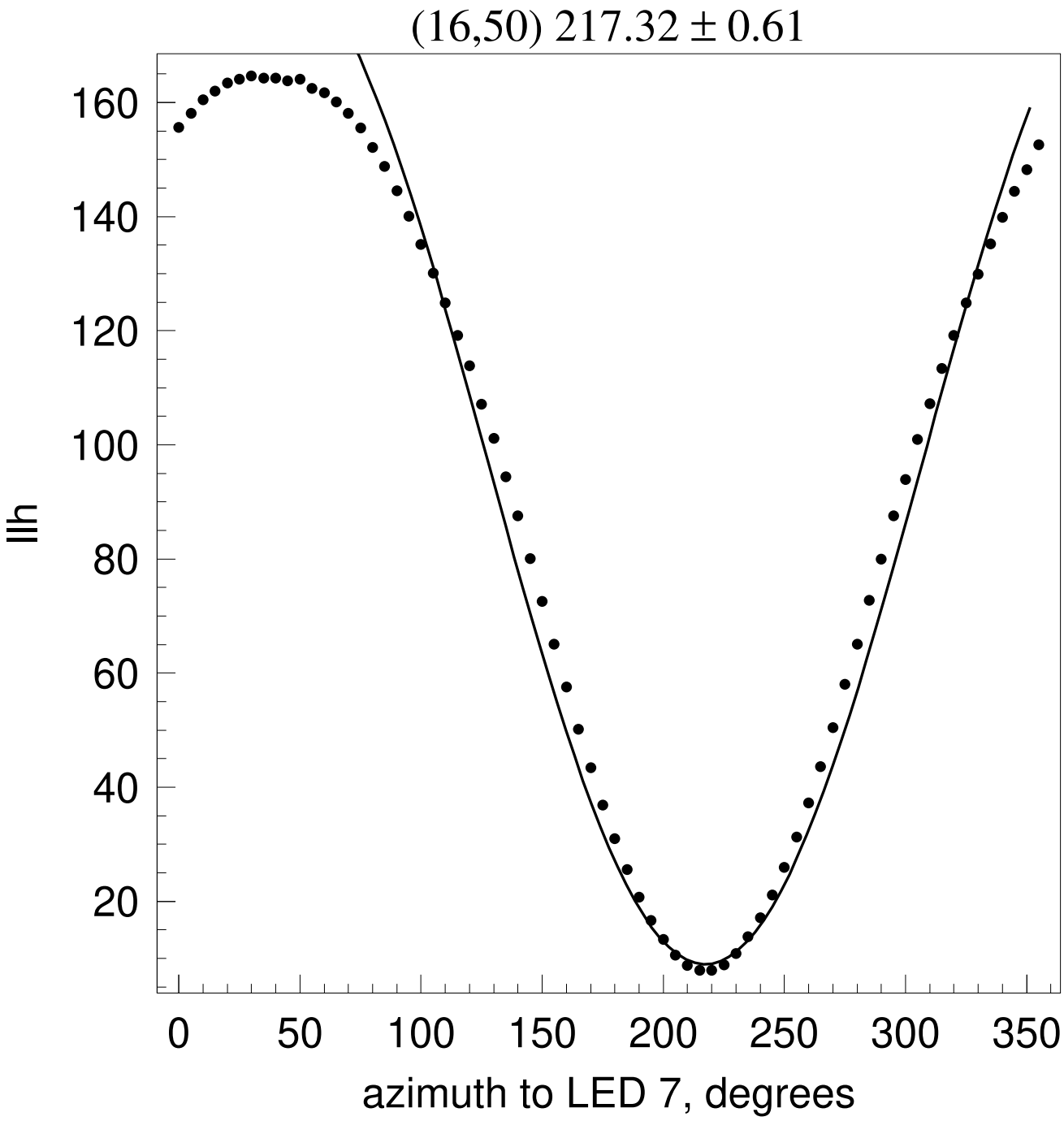

(16,45) 302.25 ± 0.23
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

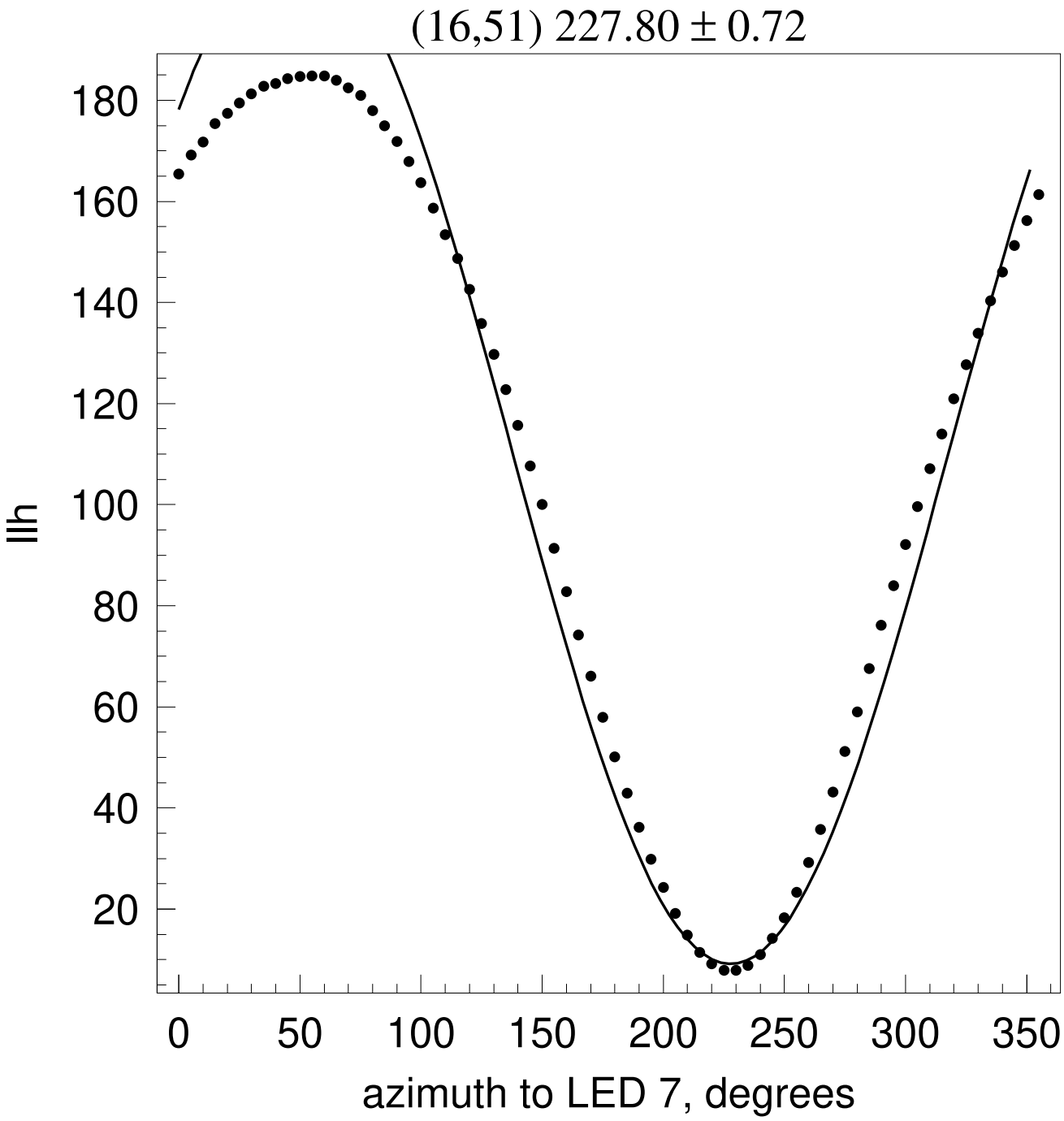

(16,46) 203.73 ± 0.33
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

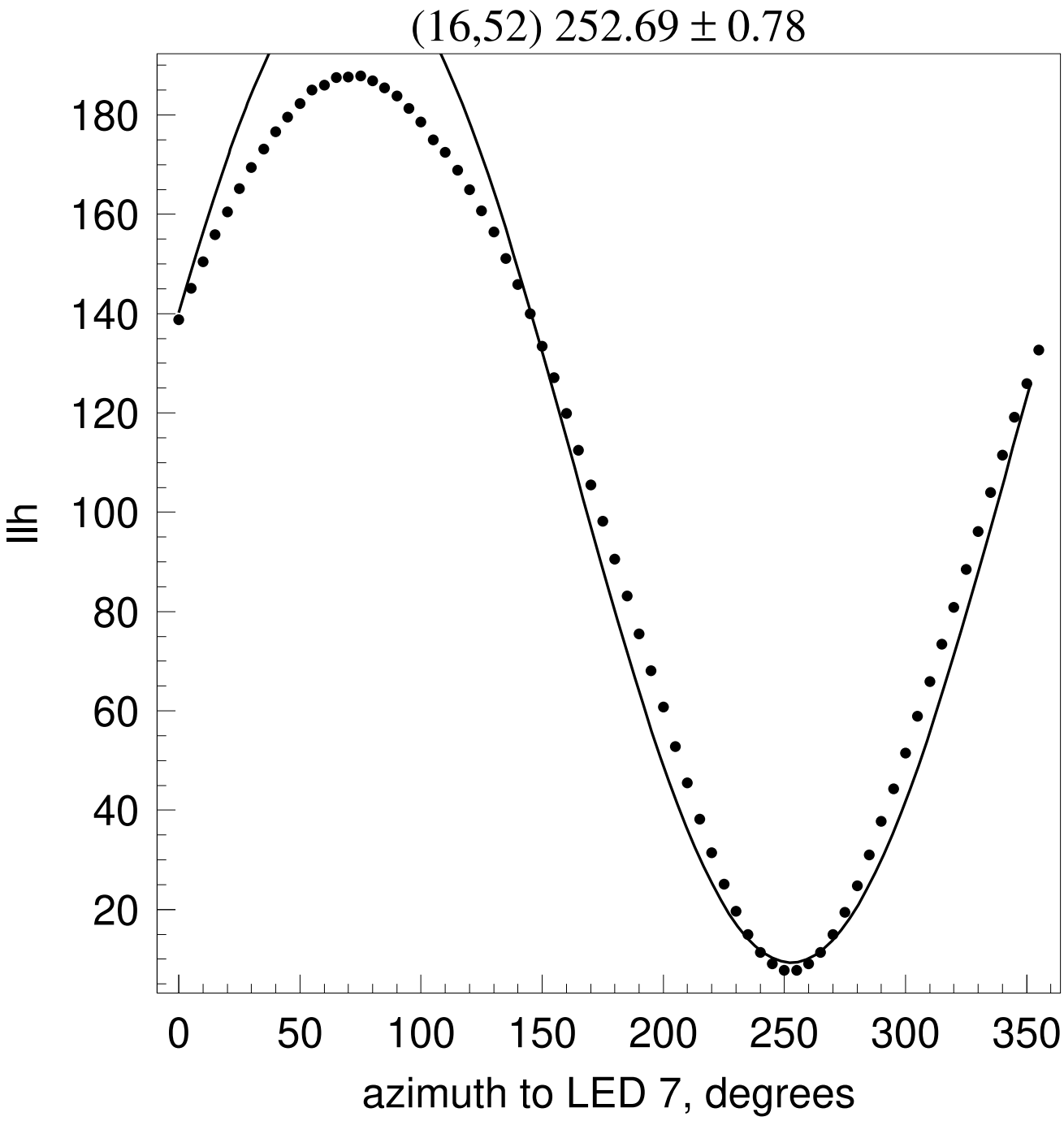

(16,47) 110.31 ± 0.46
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

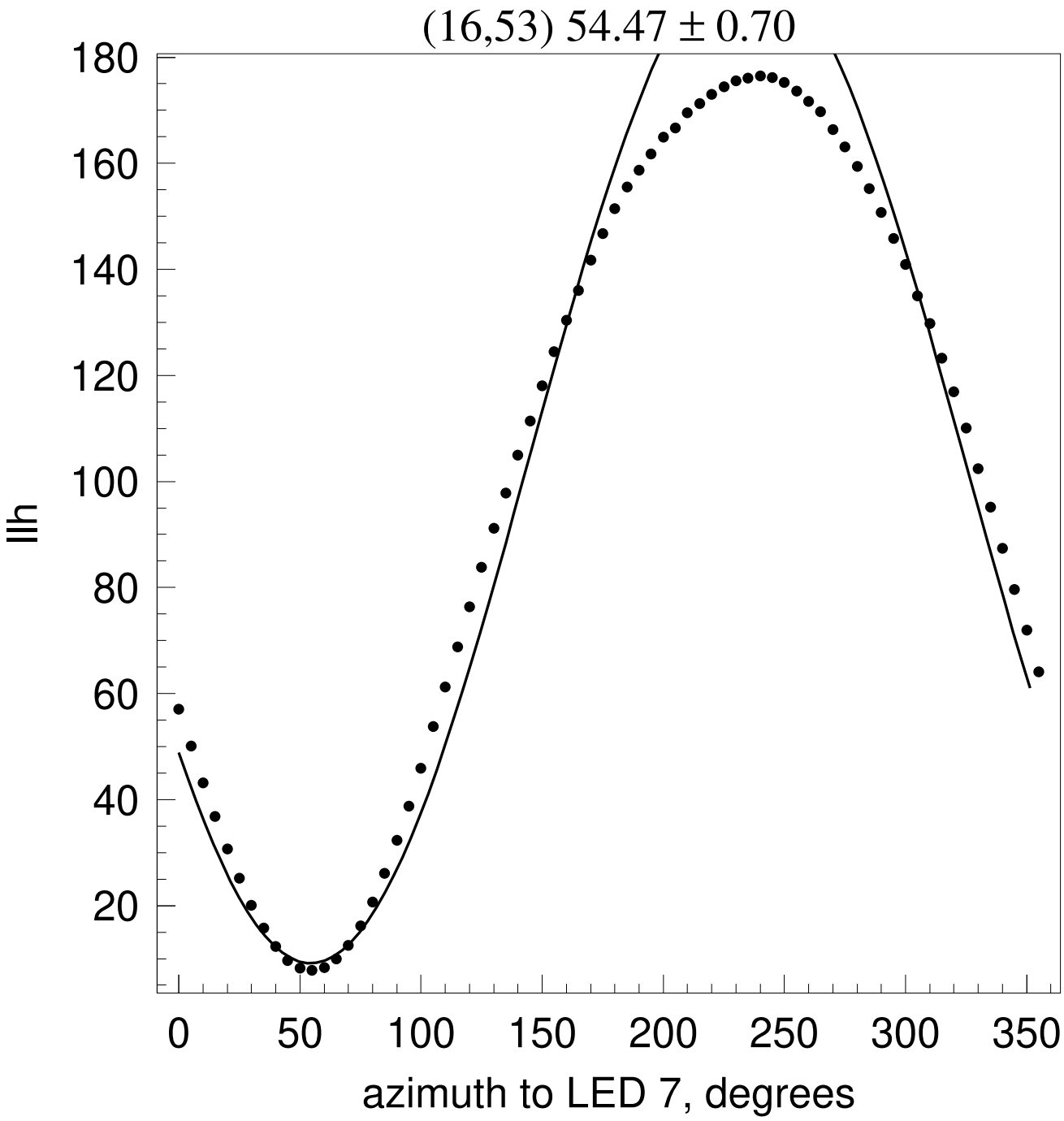

(16,48) 228.01 ± 0.52
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

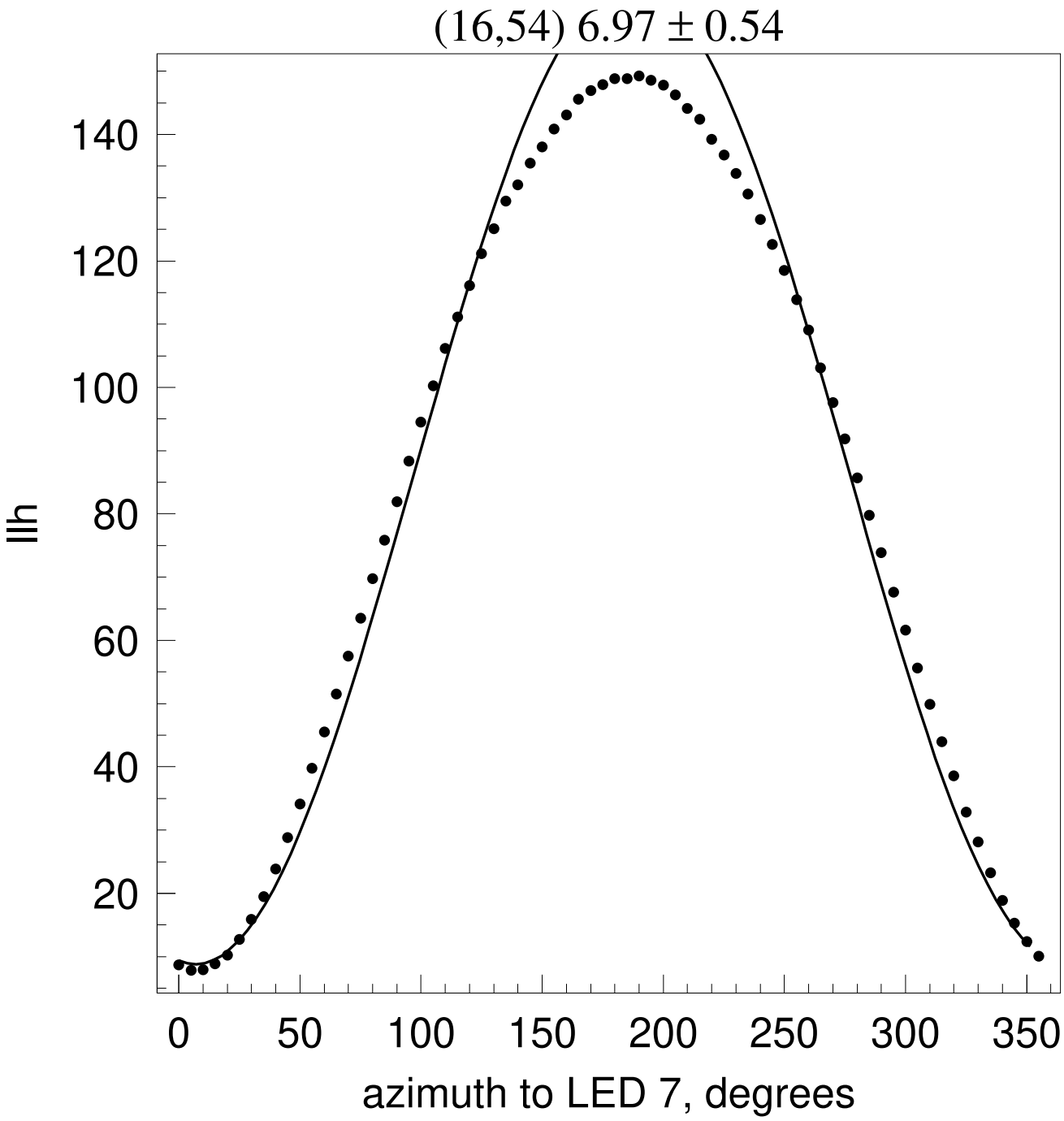

(16,49) 195.03 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

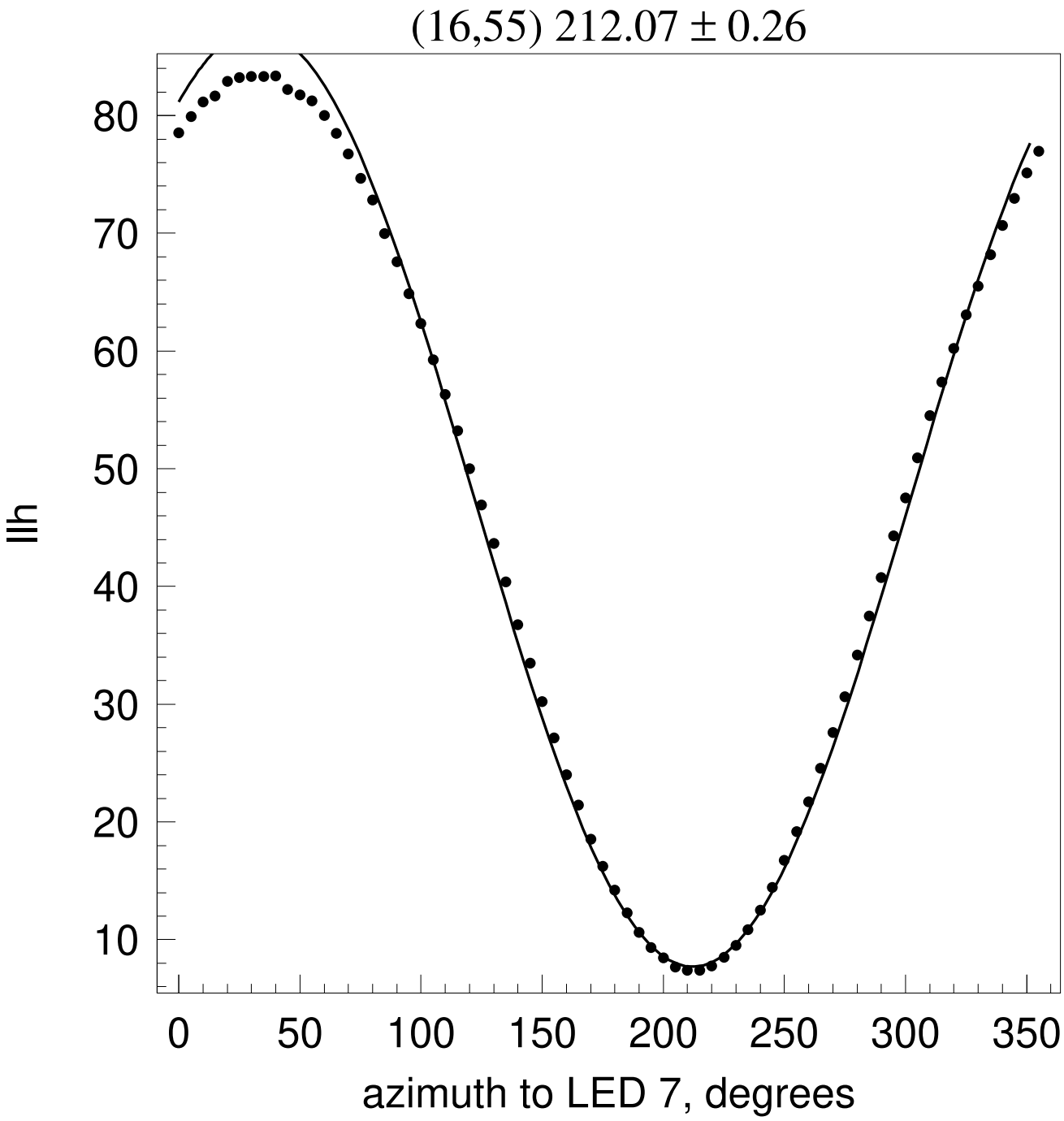

(16,50) 217.32 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

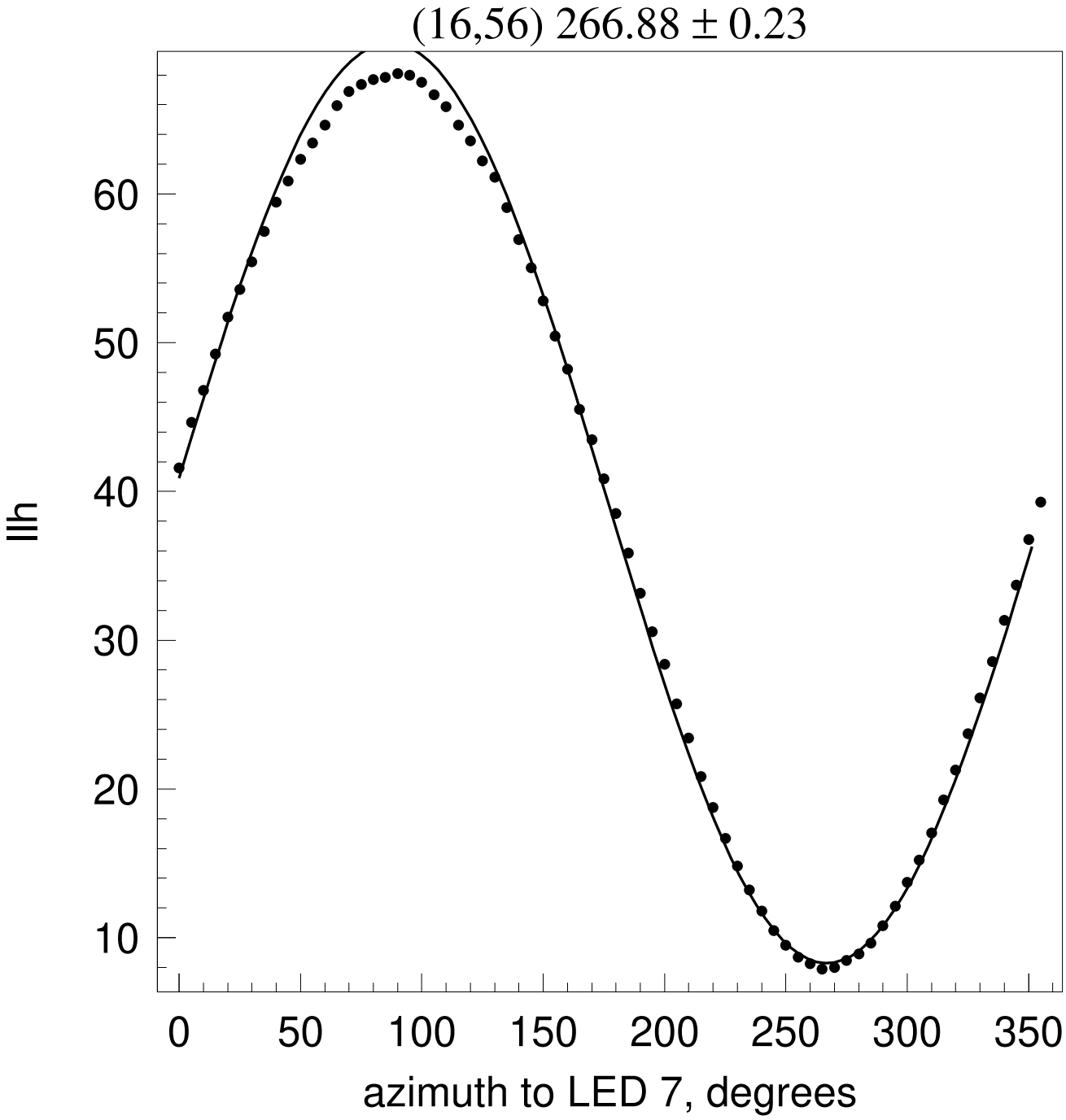

(16,51) 227.80 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

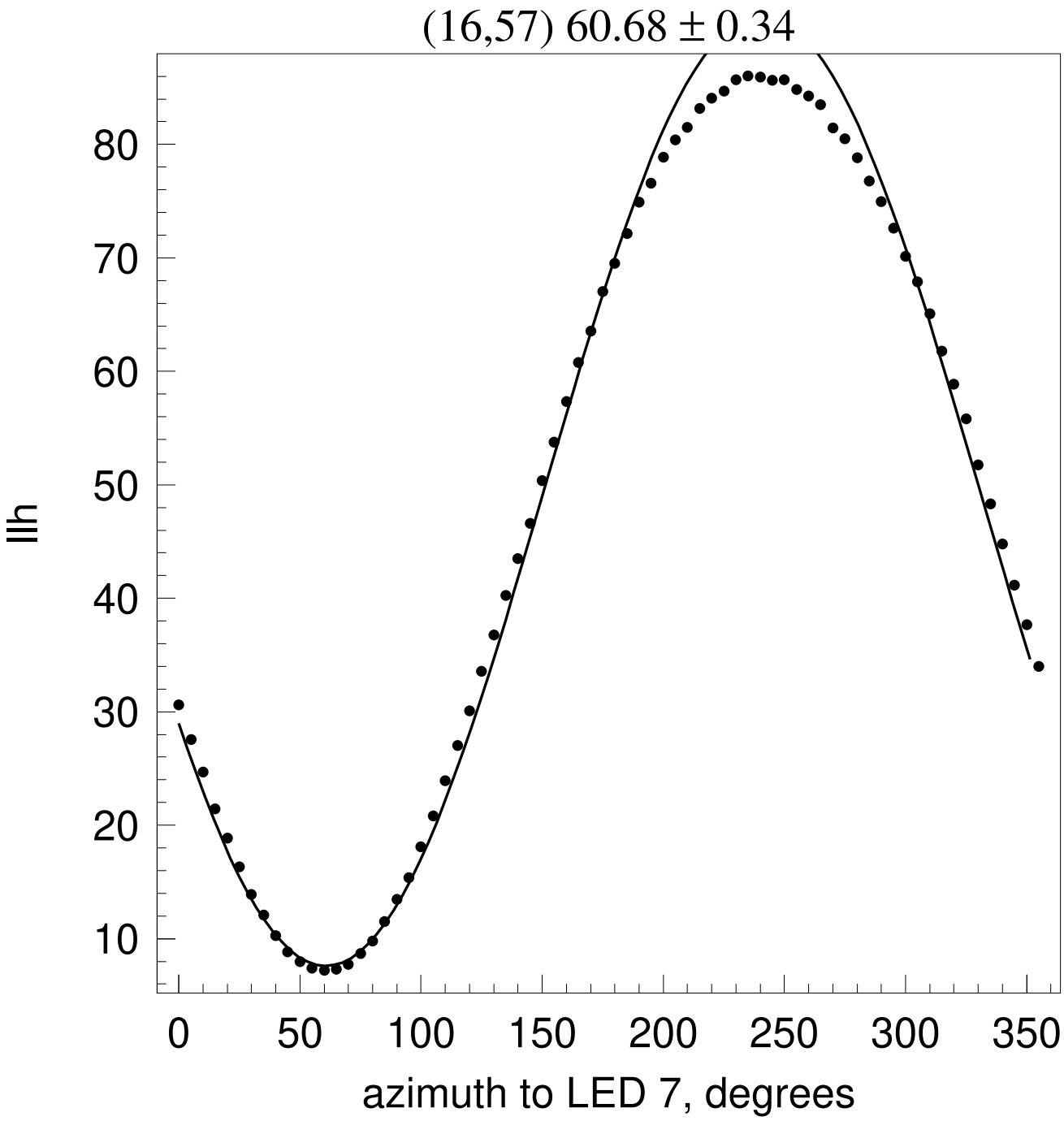

(16,52) 252.69 ± 0.78
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

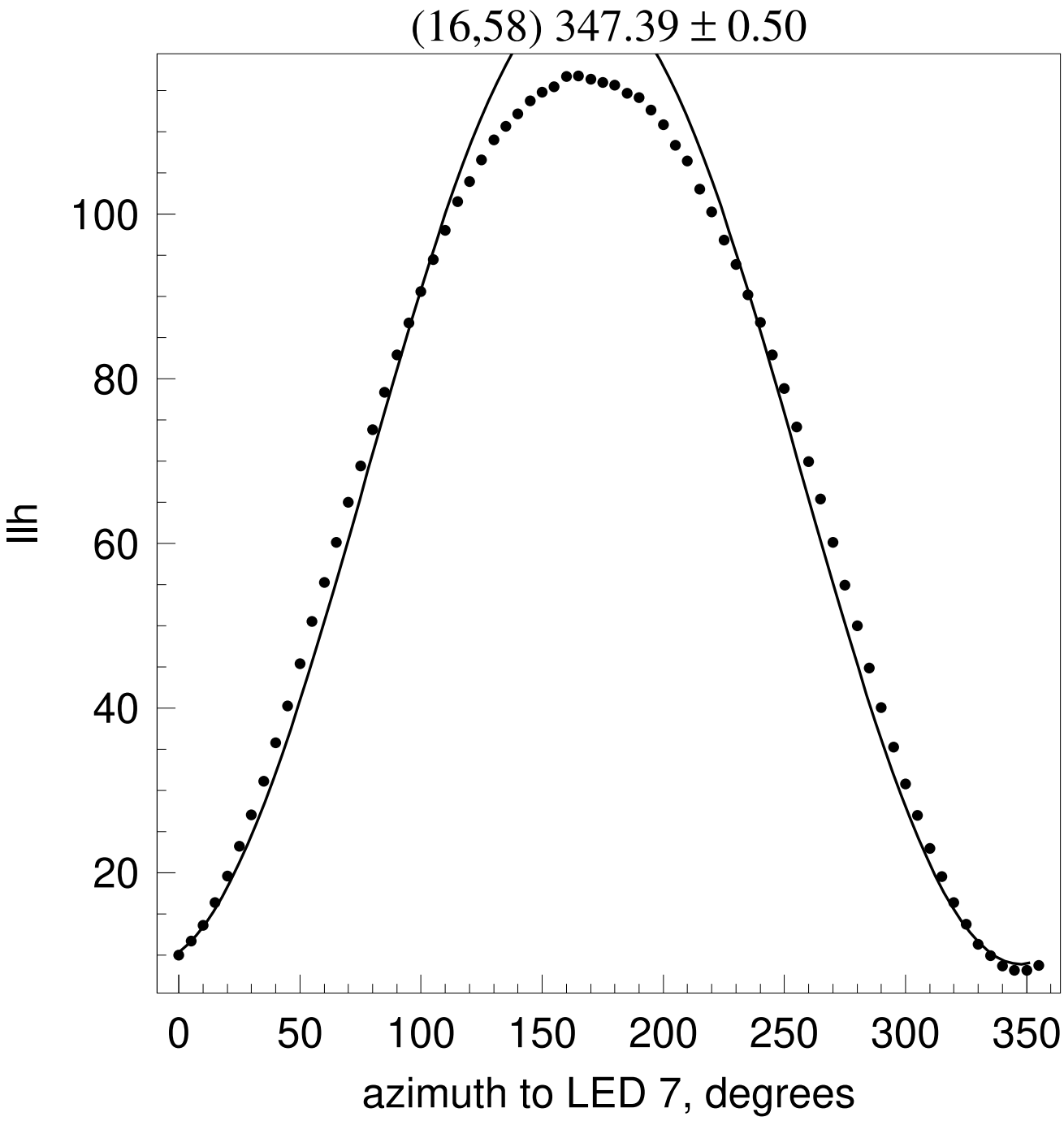

(16,53) 54.47 ± 0.70
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

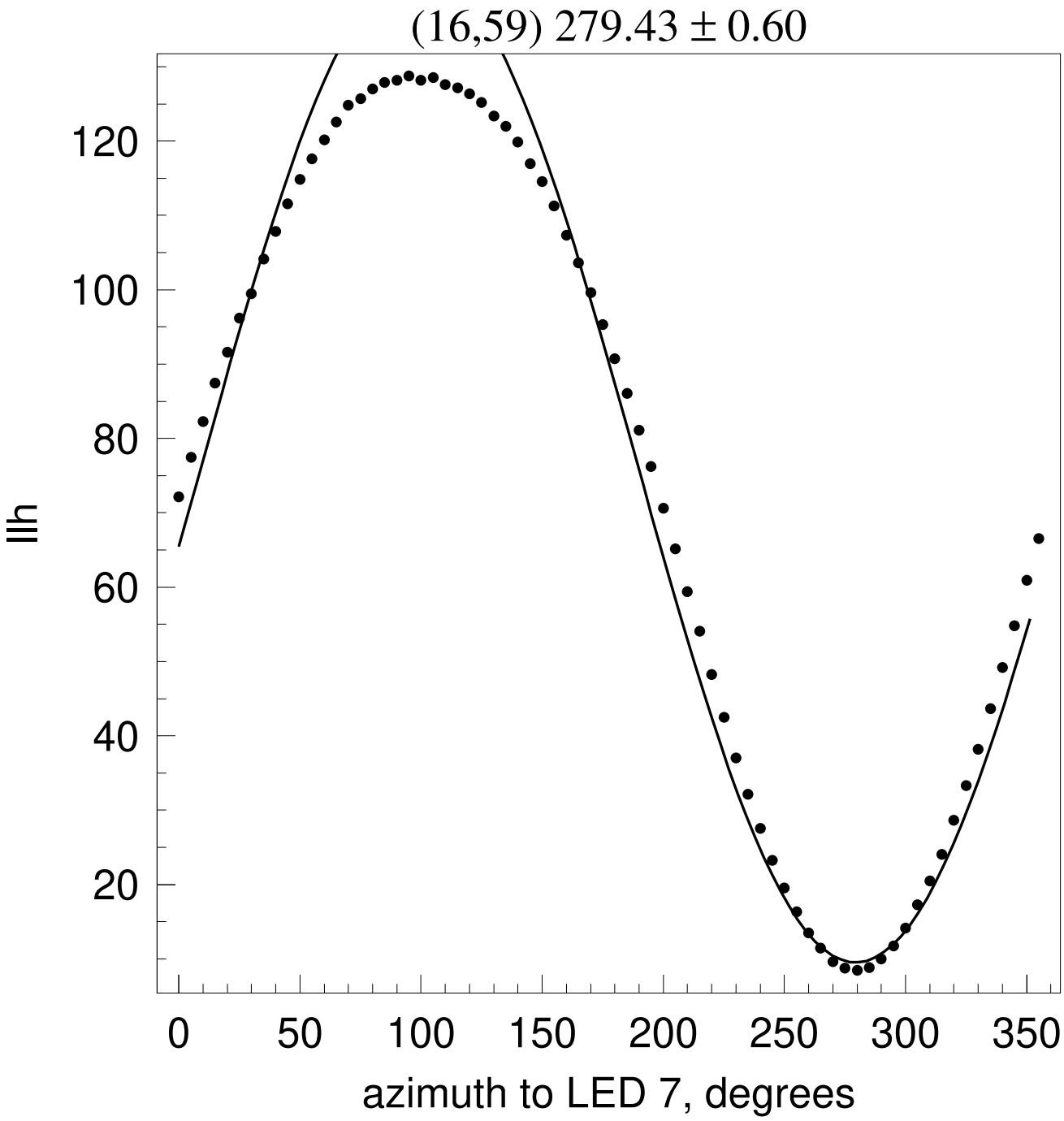

(16,54) 6.97 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

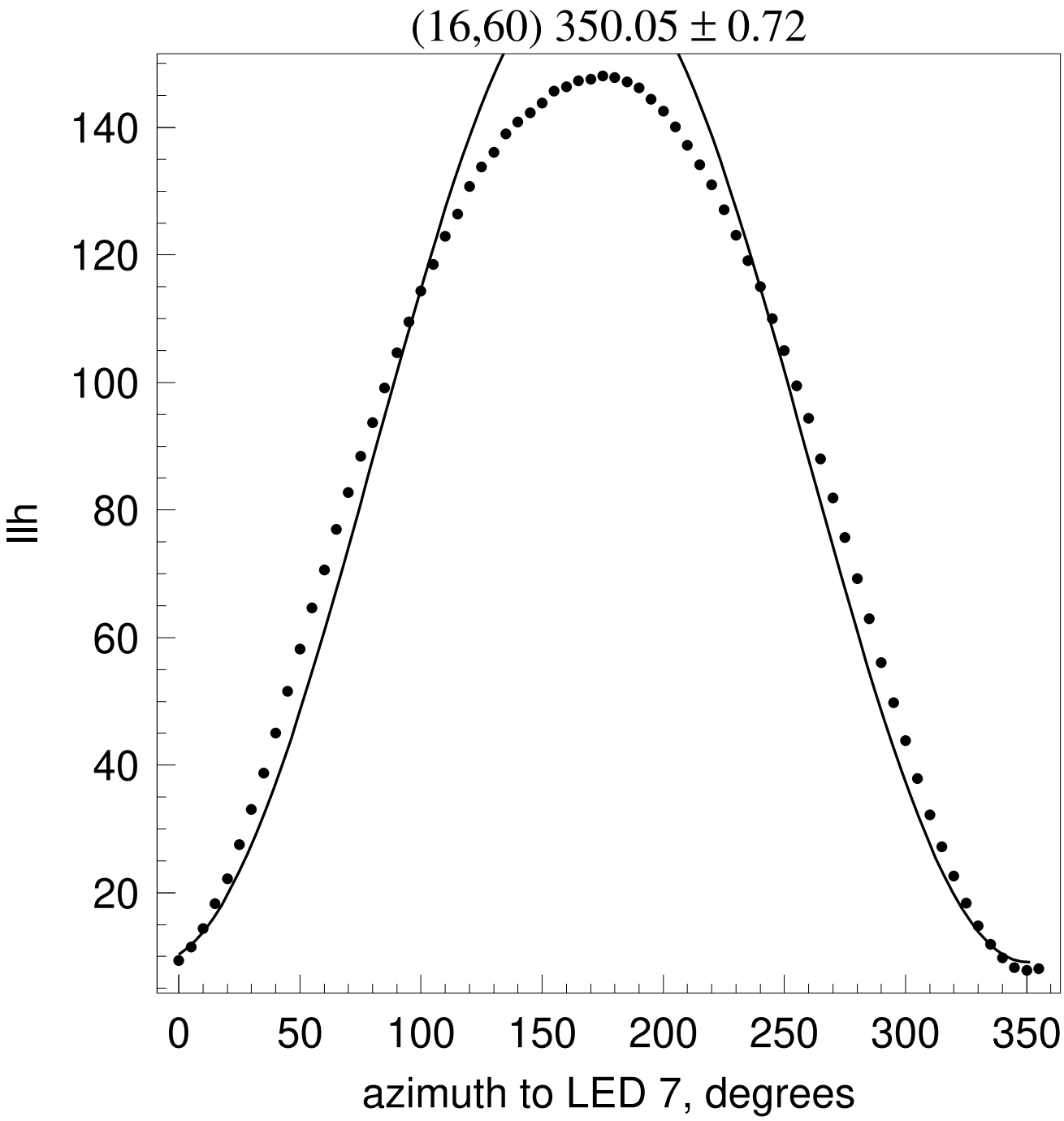

(16,55) 212.07 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

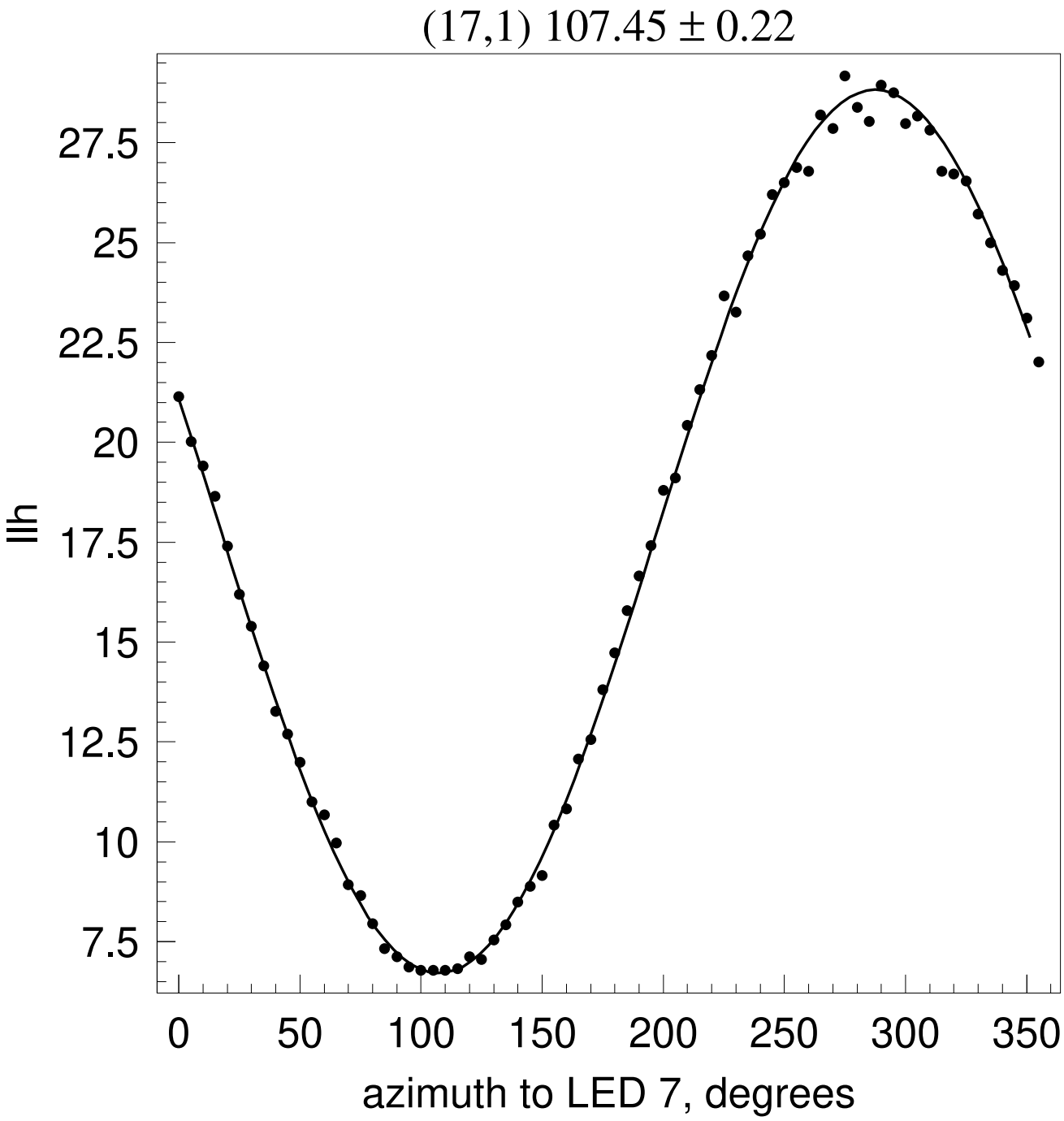

(16,56) 266.88 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

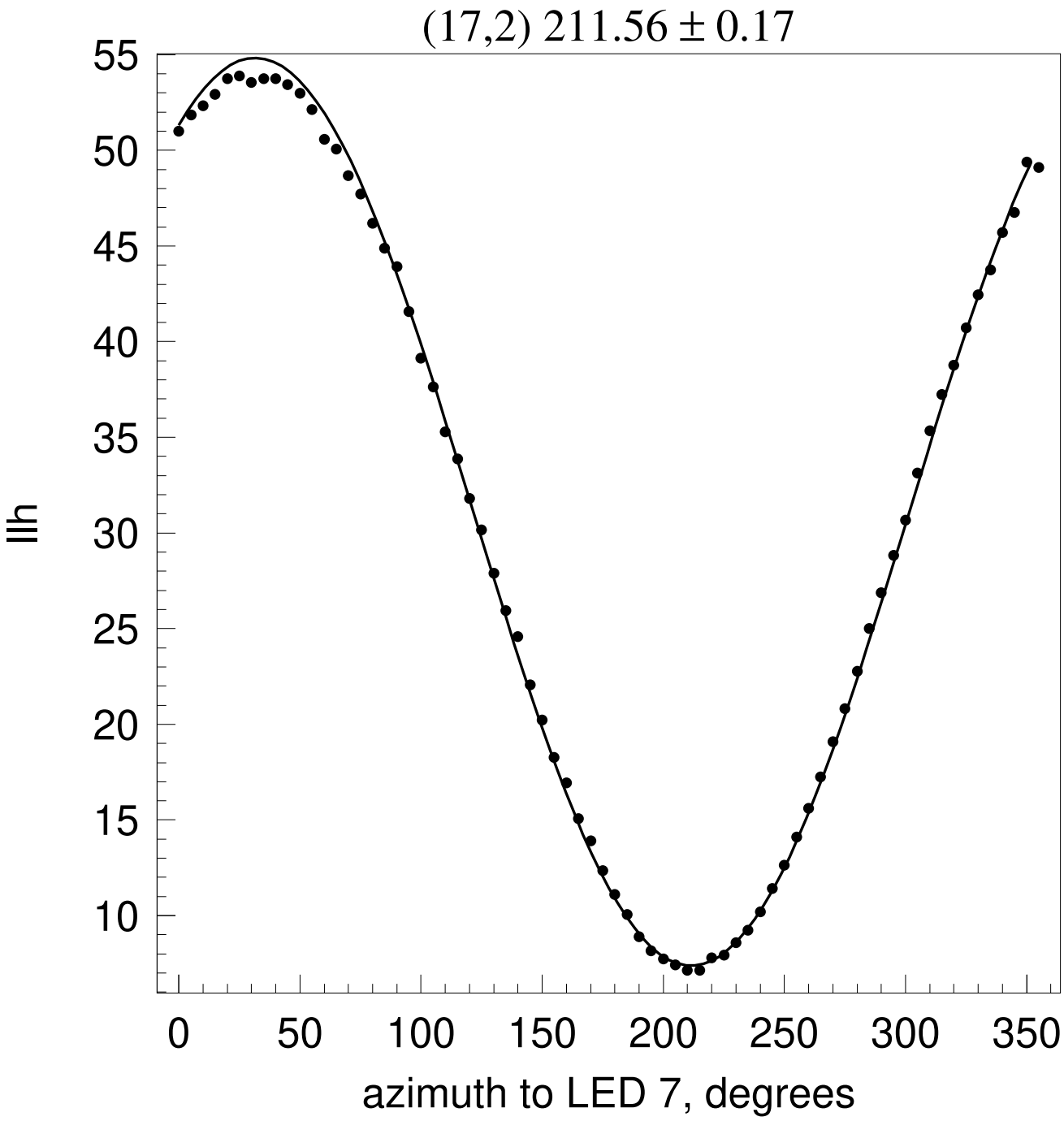

(16,57) 60.68 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

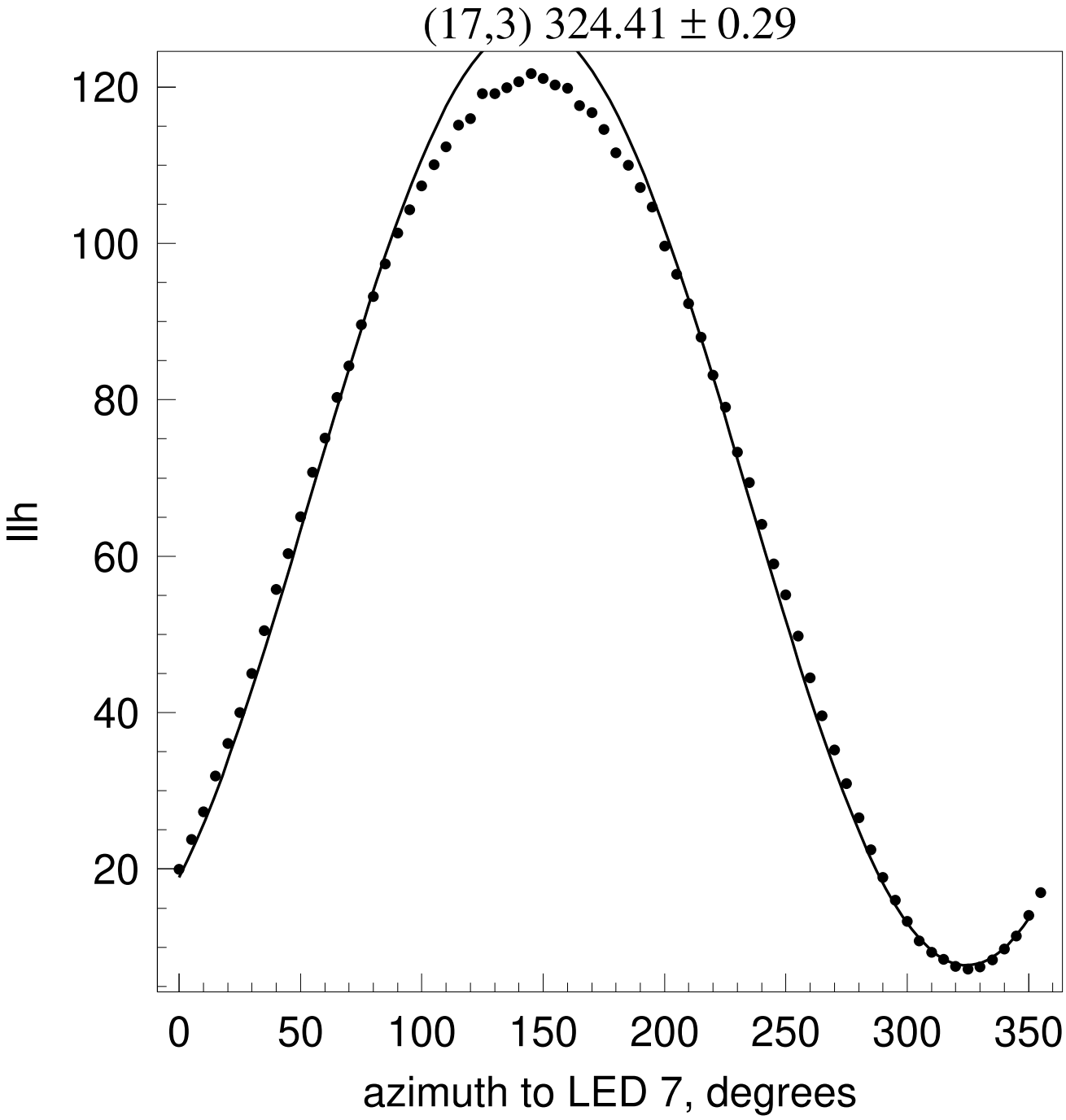

(16,58) 347.39 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

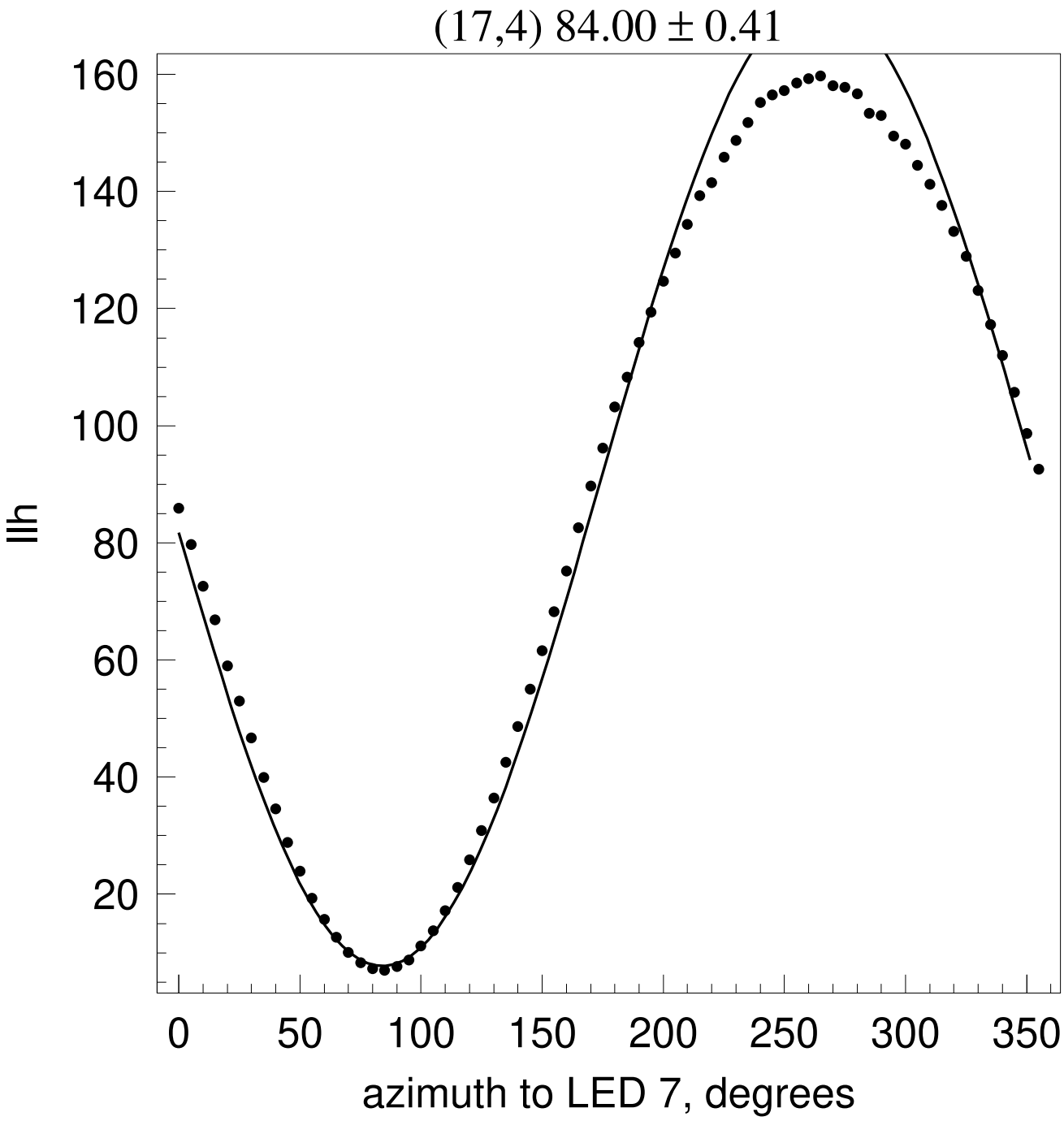

(16,59) 279.43 ± 0.60
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

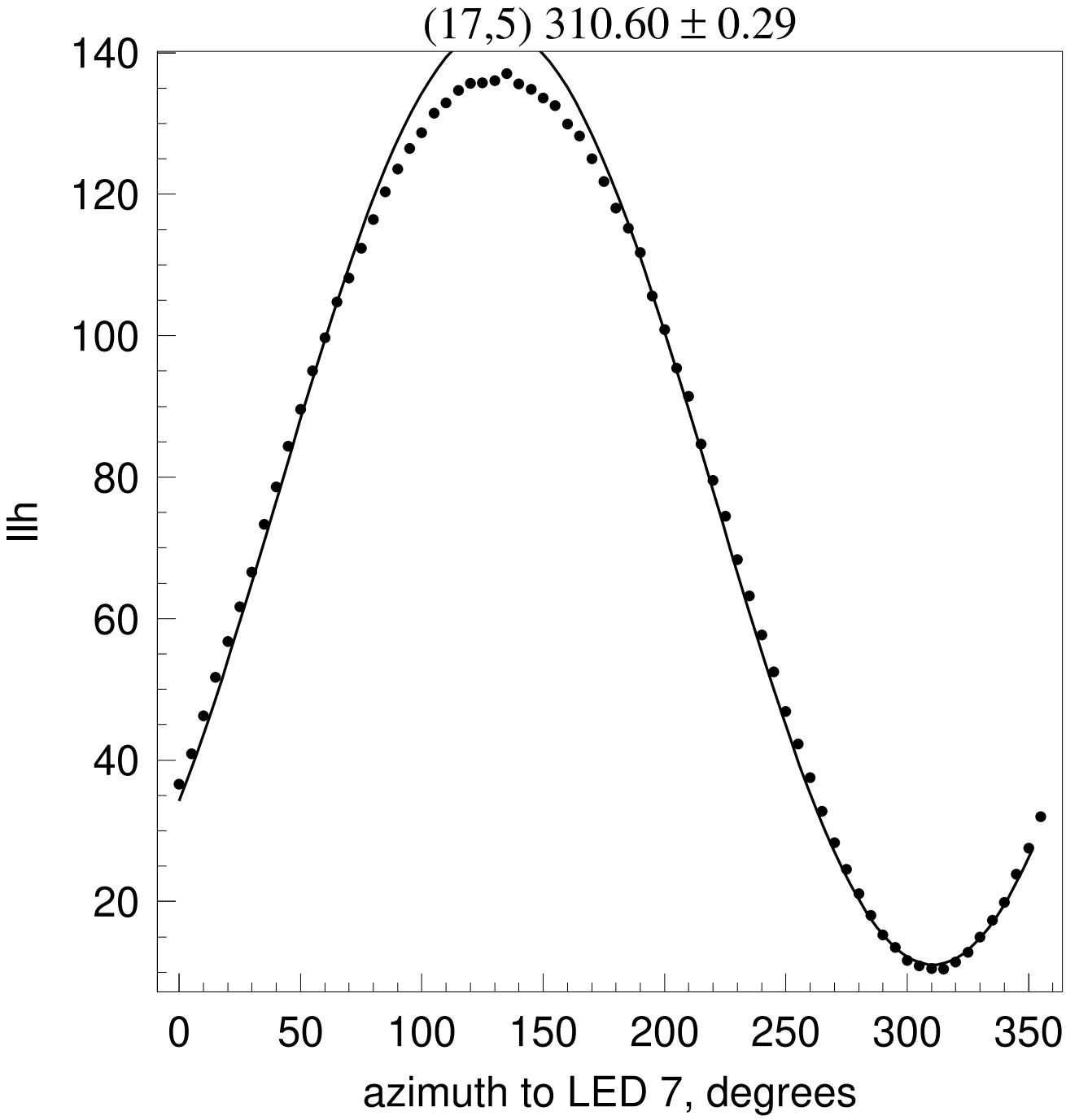

(16,60) 350.05 ± 0.72
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

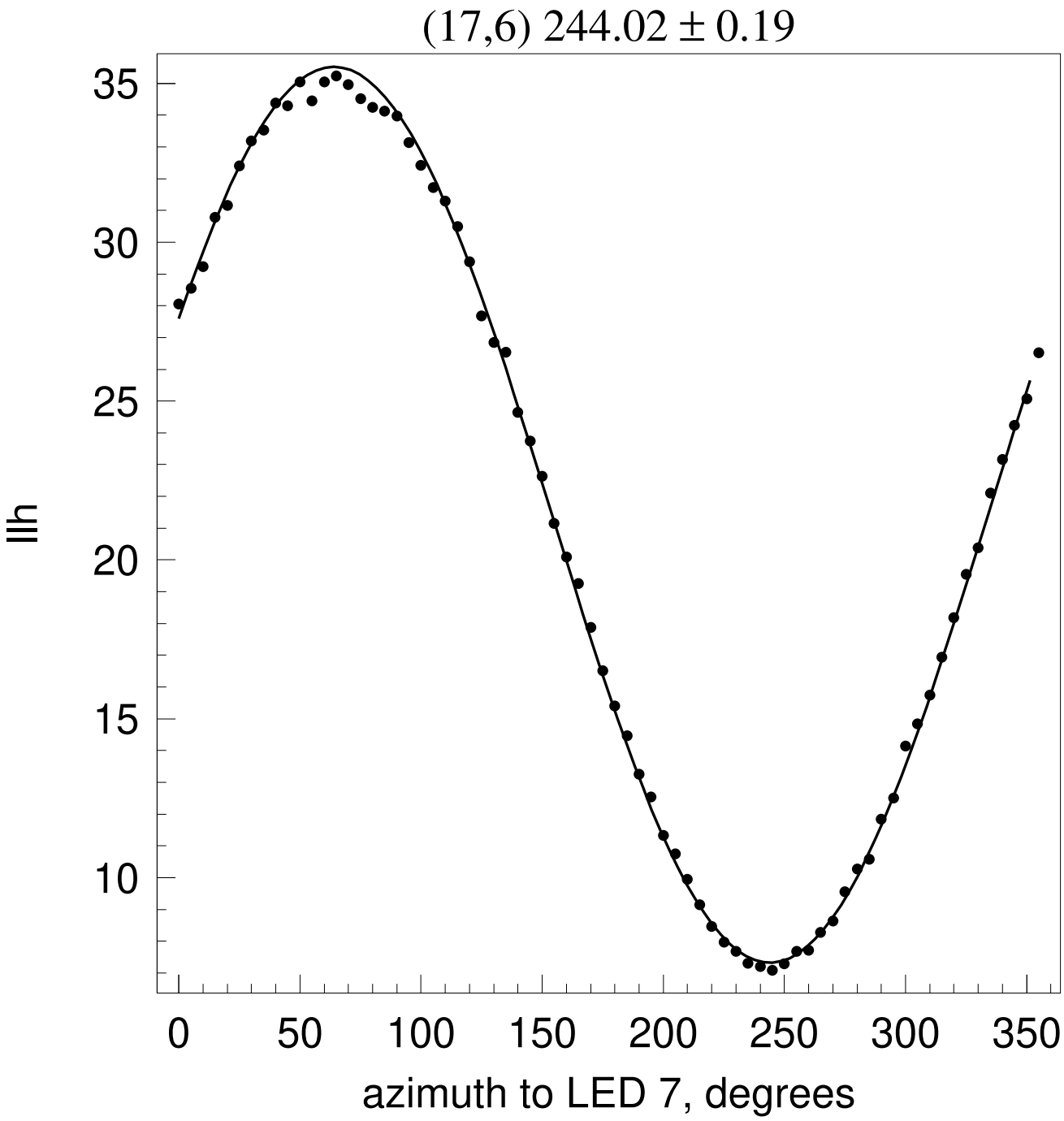

(17,1) 107.45 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

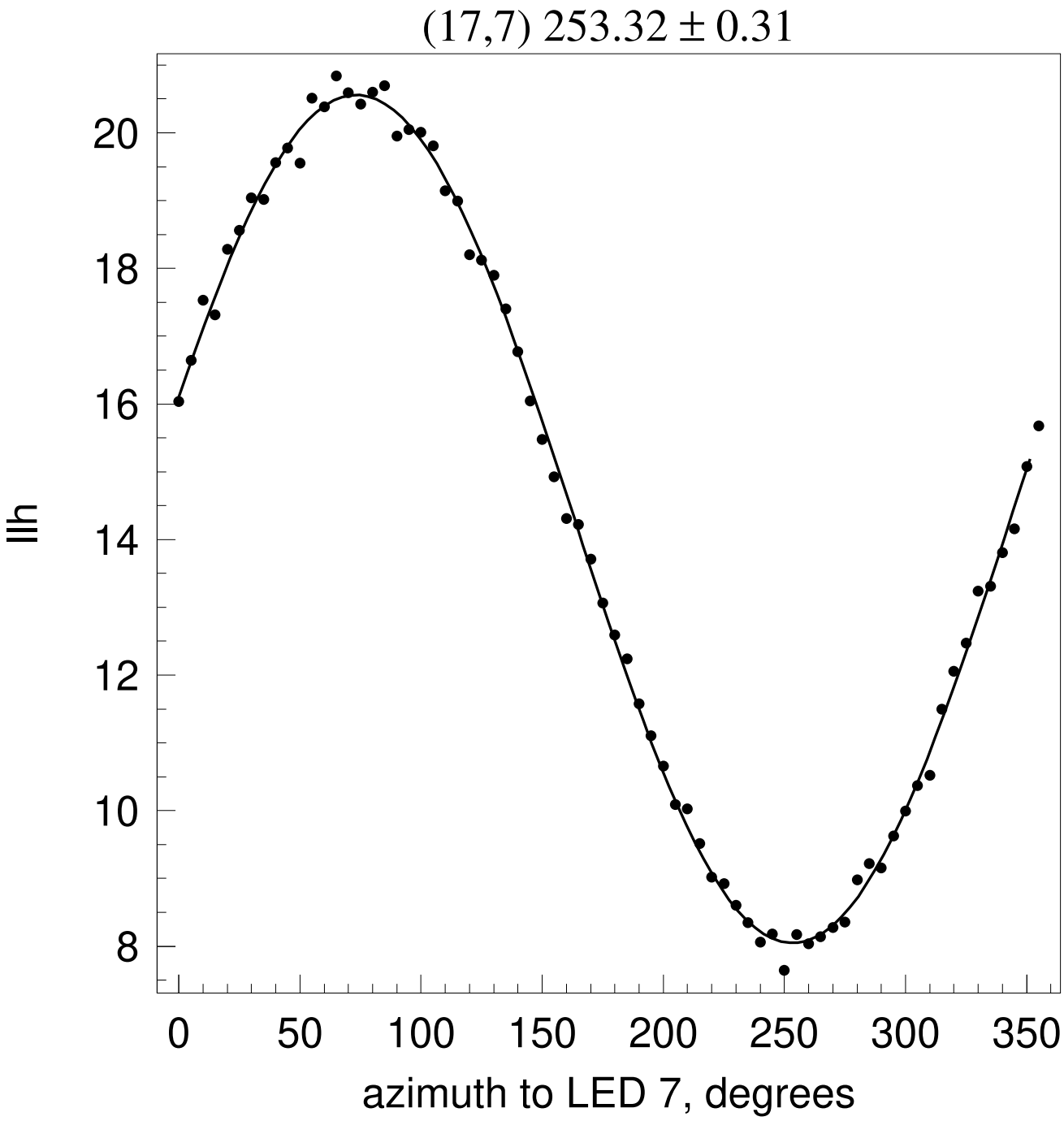

(17,2) 211.56 ± 0.17
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

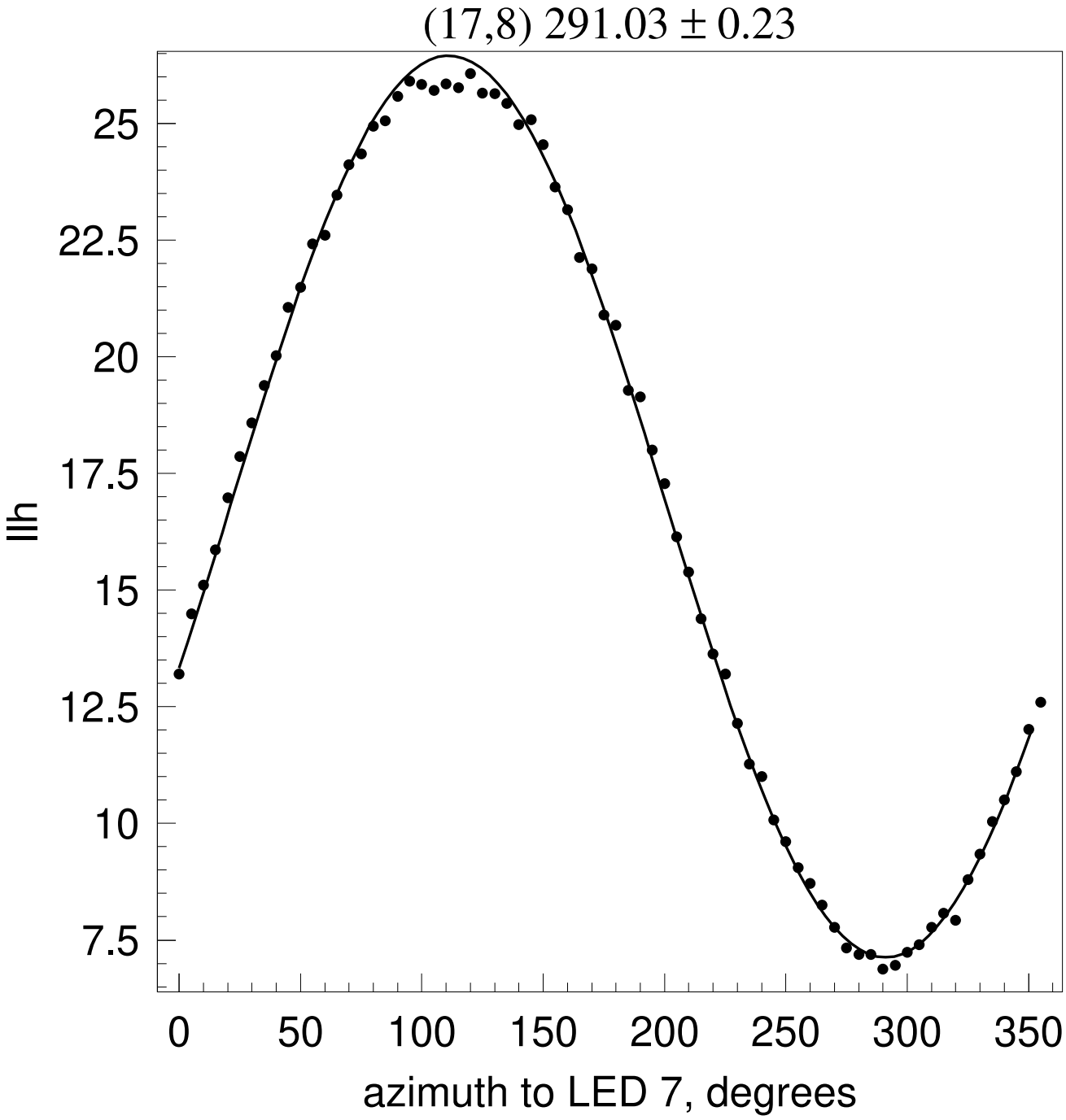

(17,3) 324.41 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

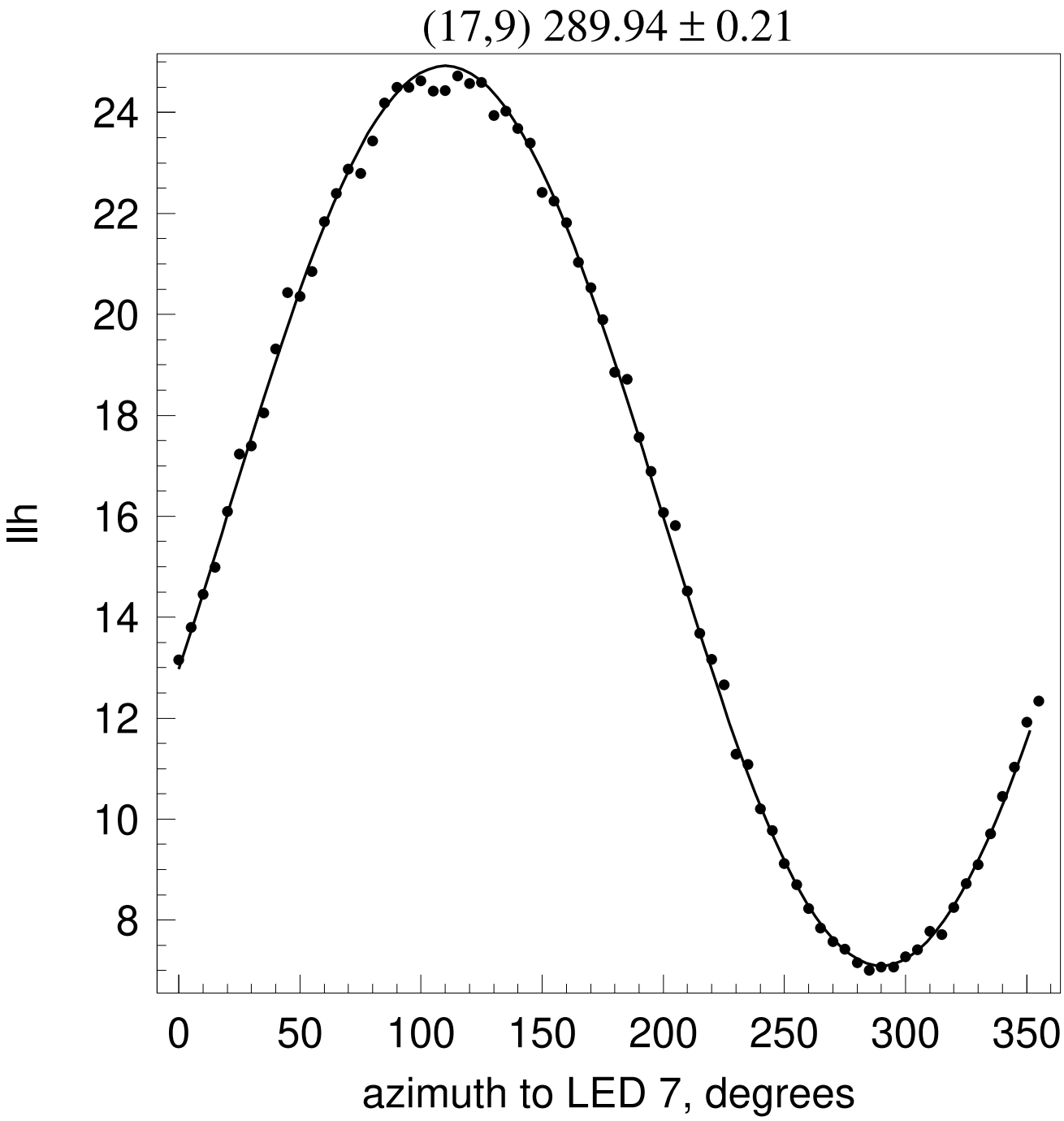

(17,4) 84.00 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

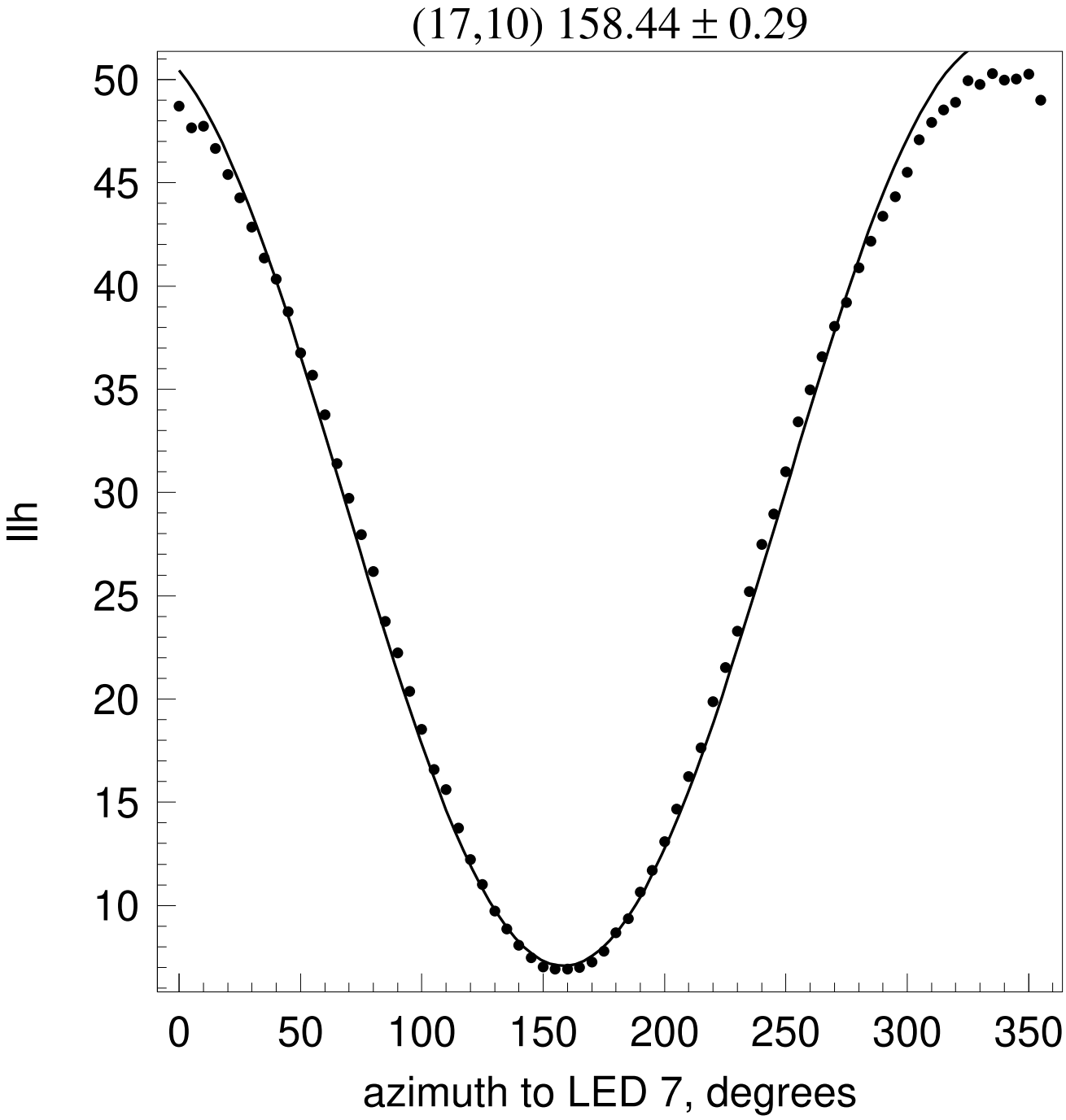

(17,5) 310.60 ± 0.29
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

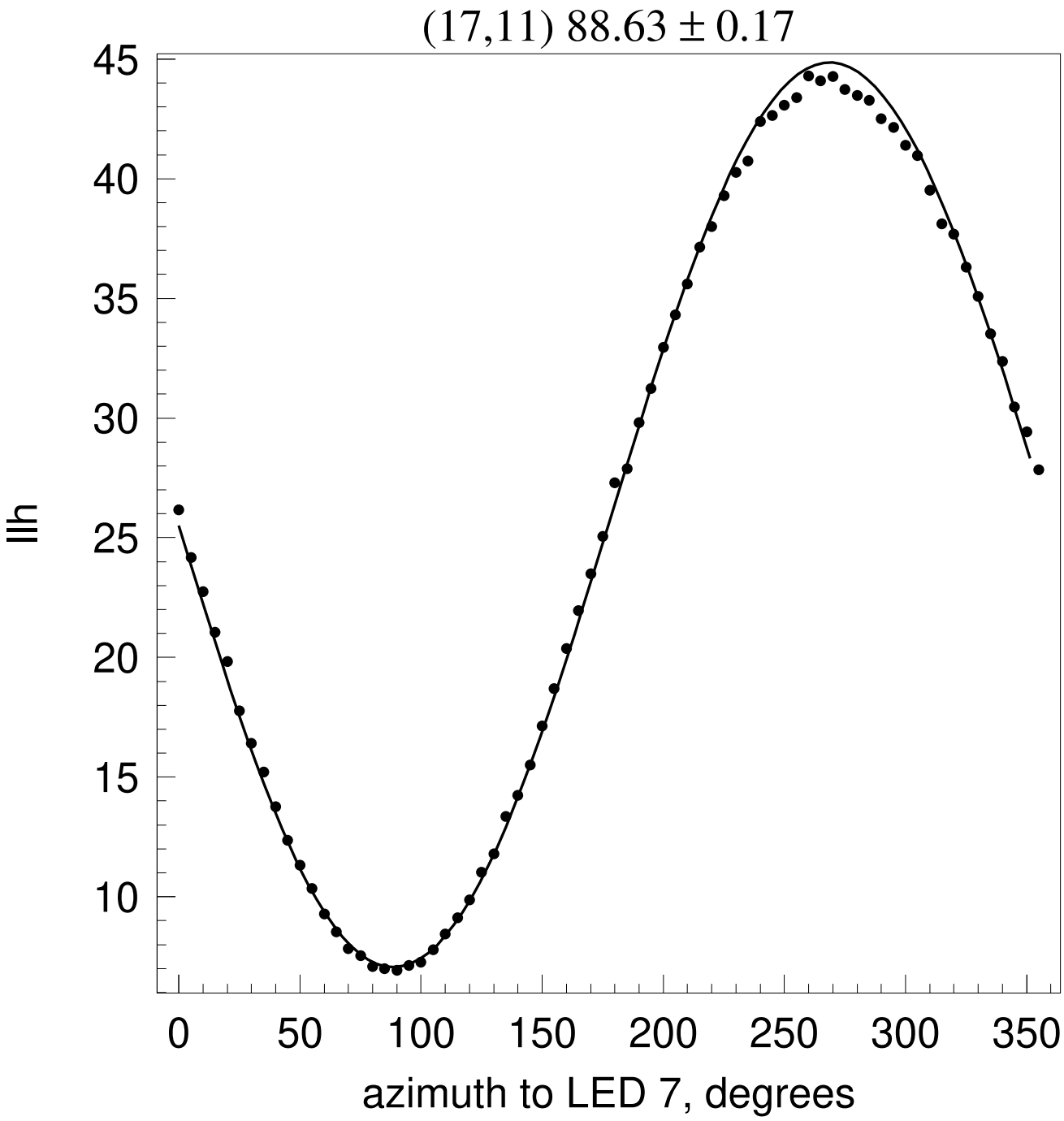

(17,6) 244.02 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

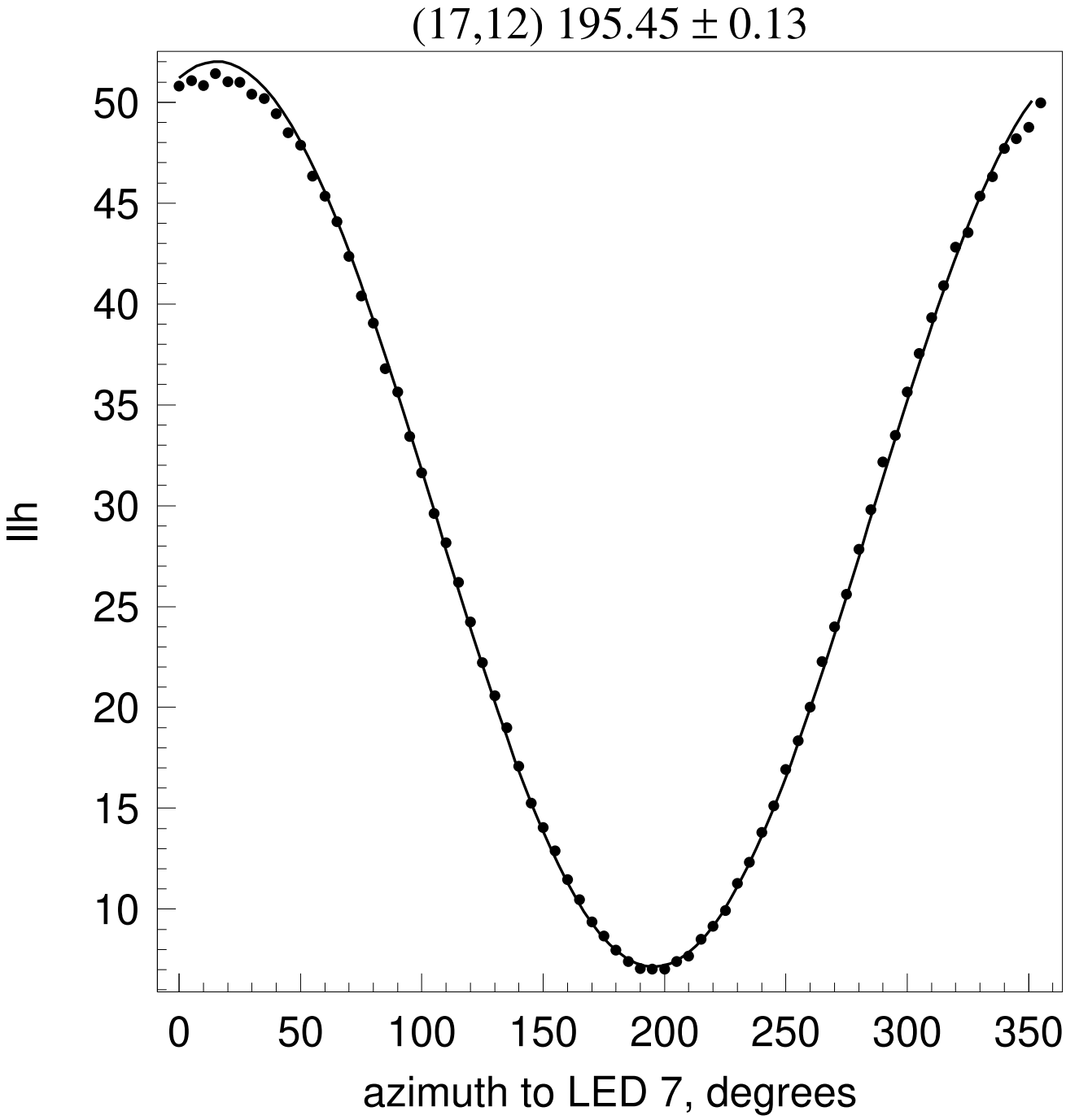

(17,7) 253.32 ± 0.31
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

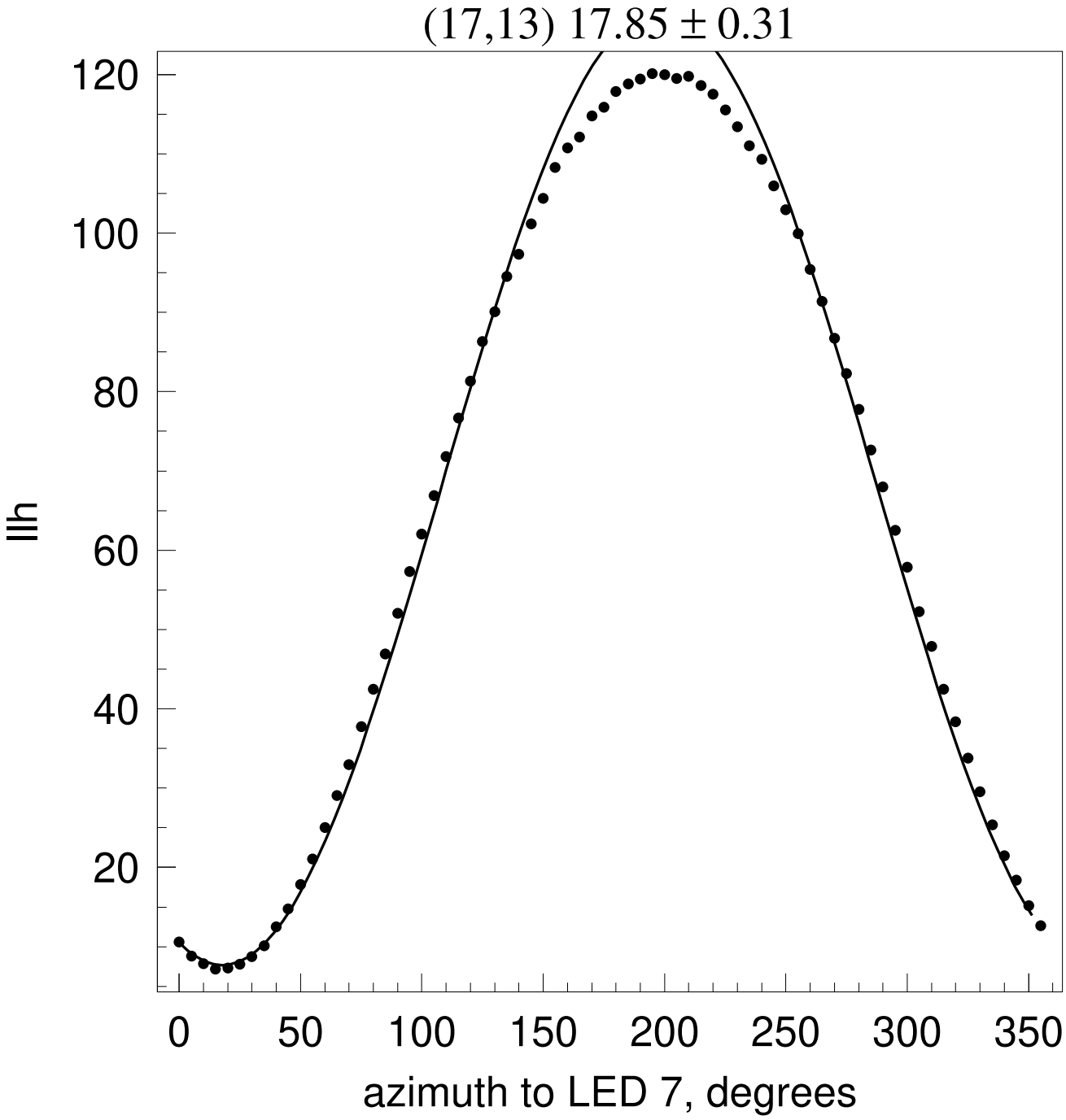

(17,8) 291.03 ± 0.23
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

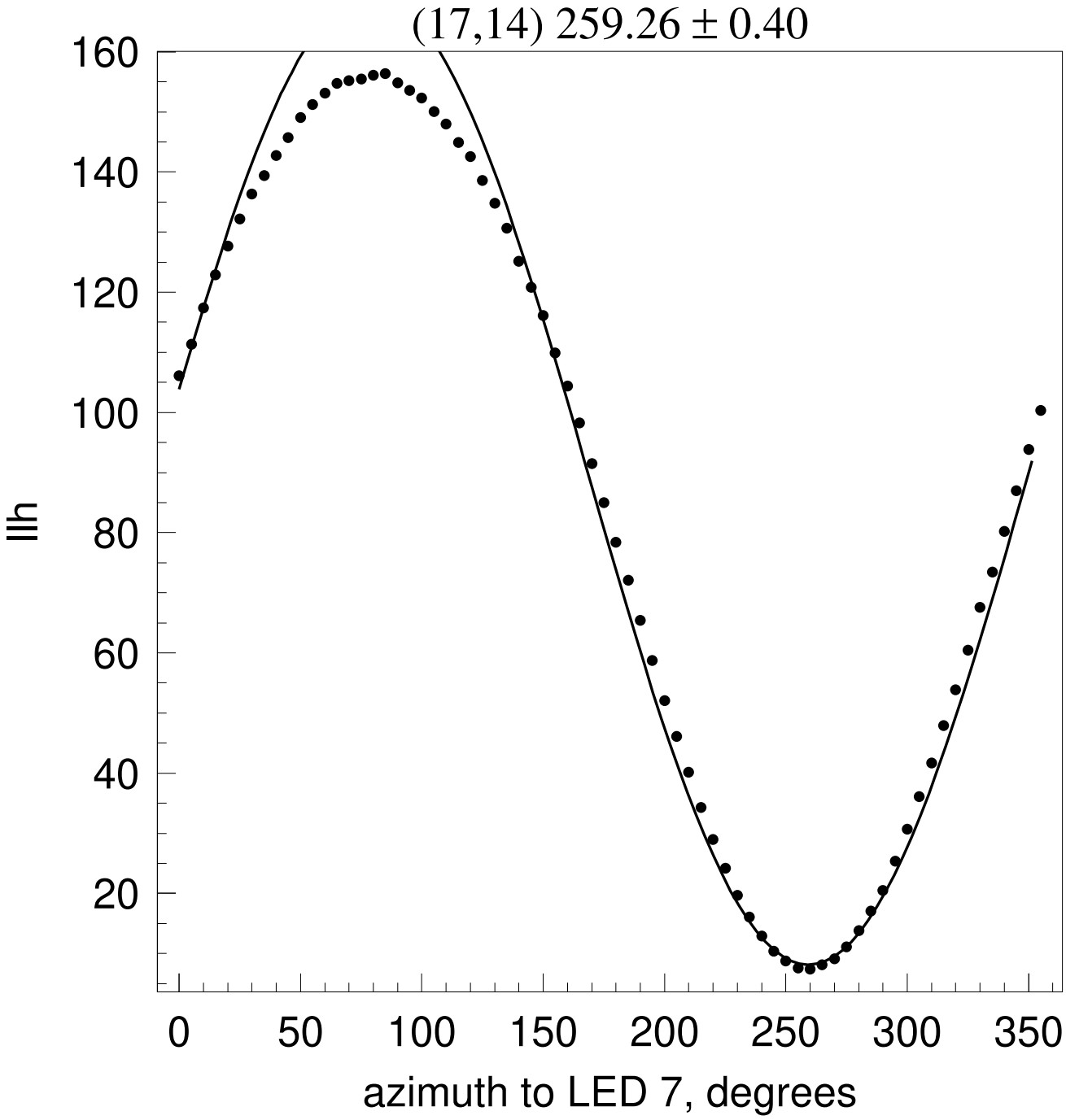

(17,9) 289.94 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

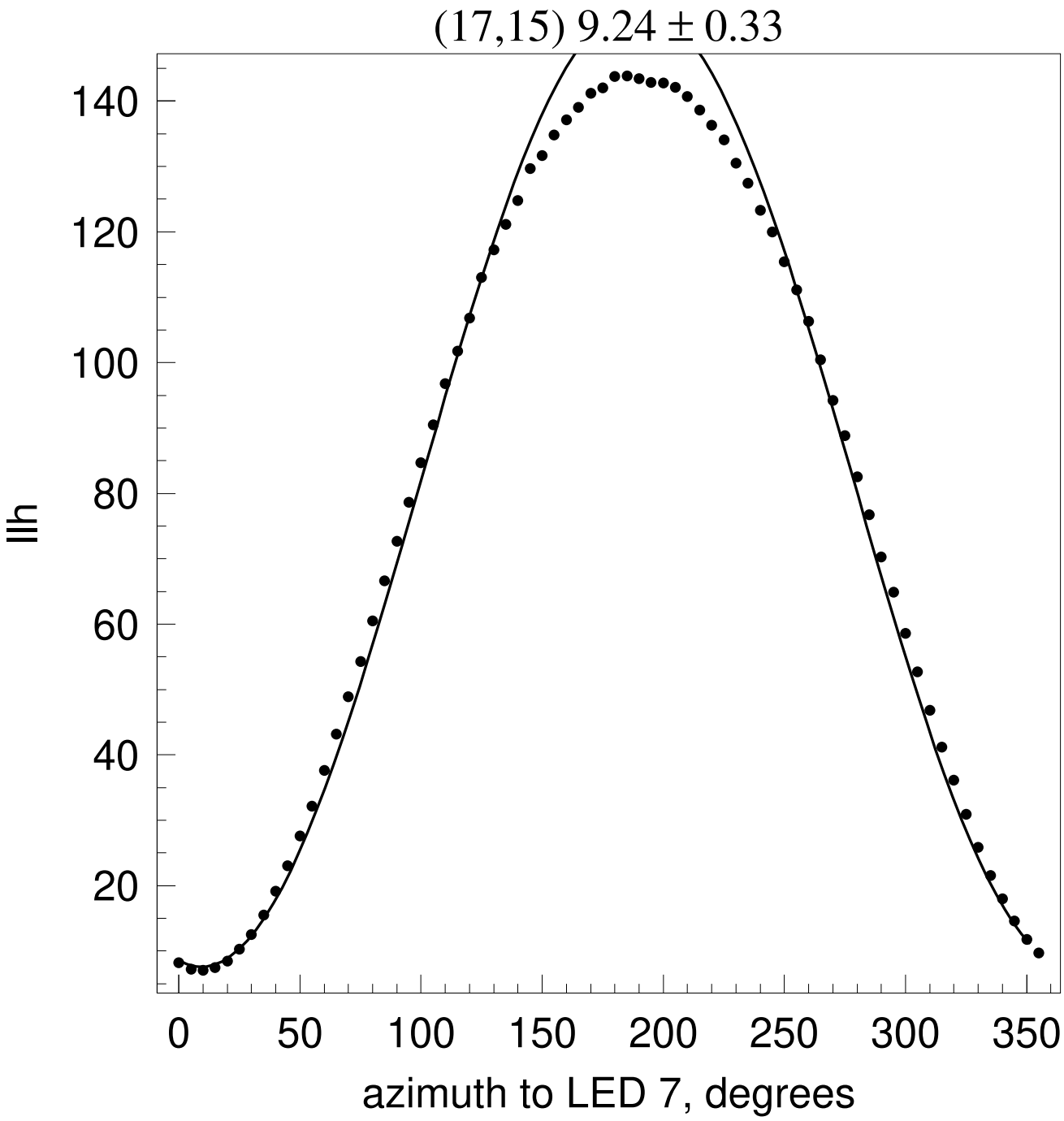

(17,10) 158.44 ± 0.29
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

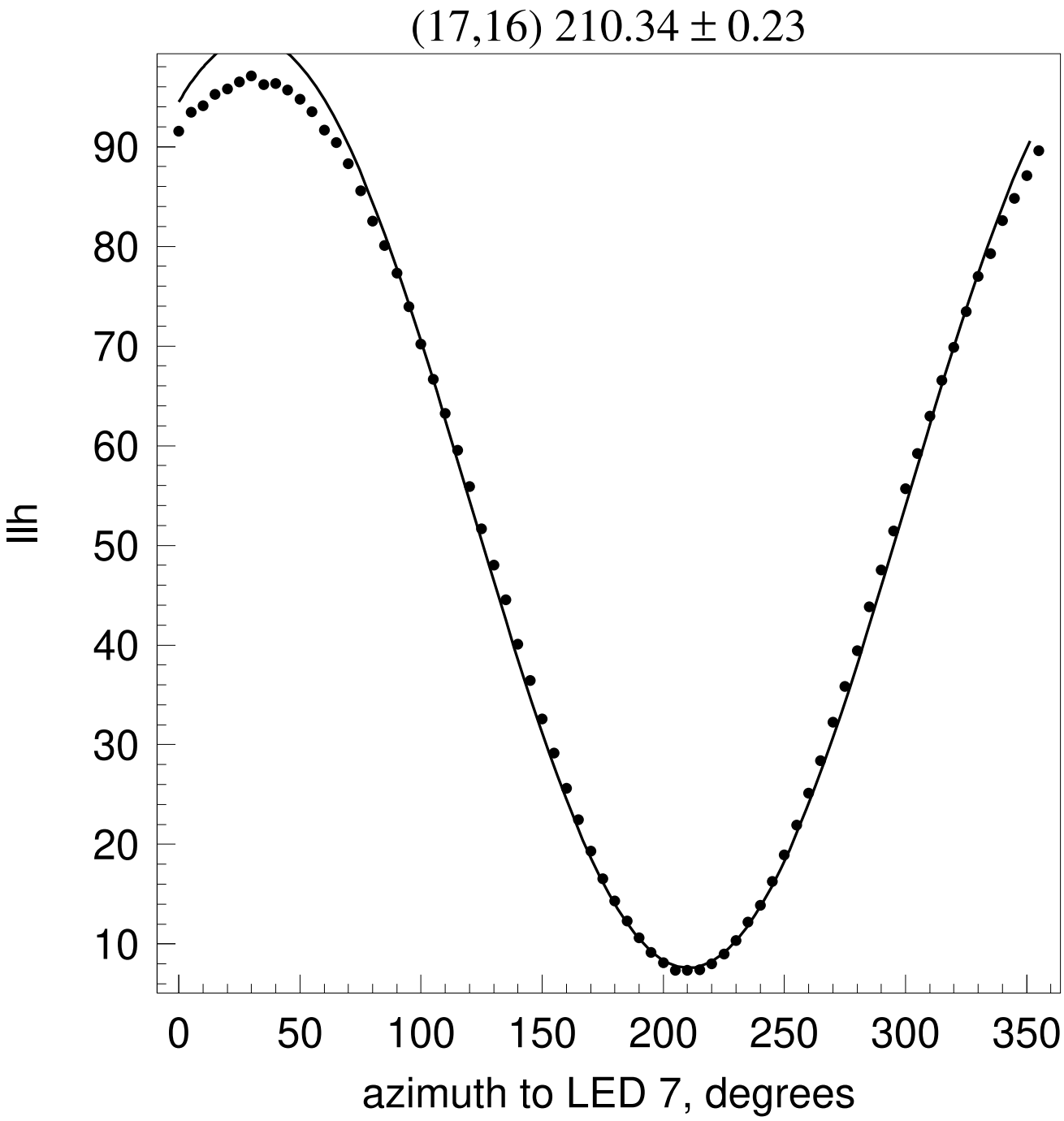

(17,11) 88.63 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

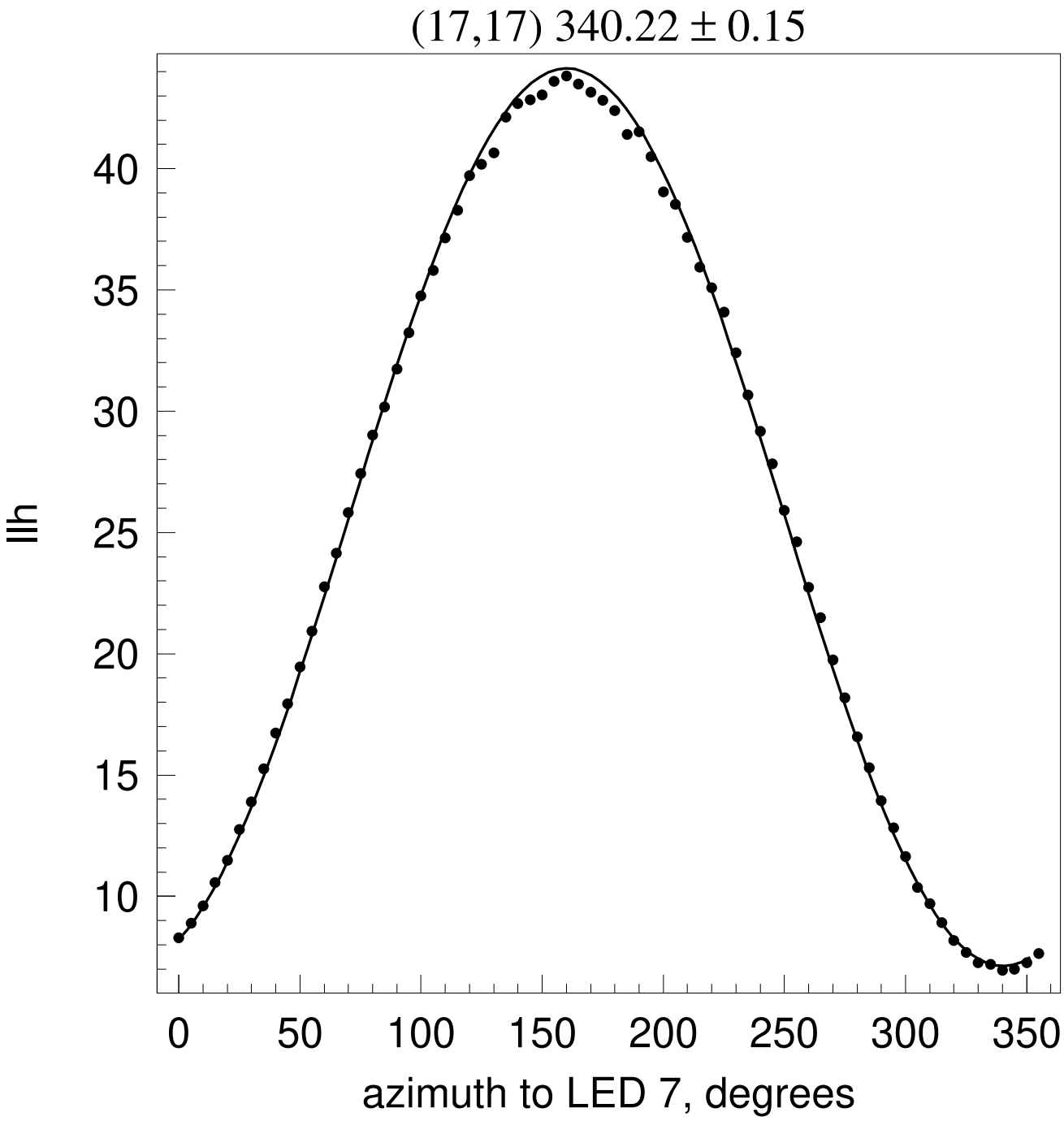

(17,12) 195.45 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

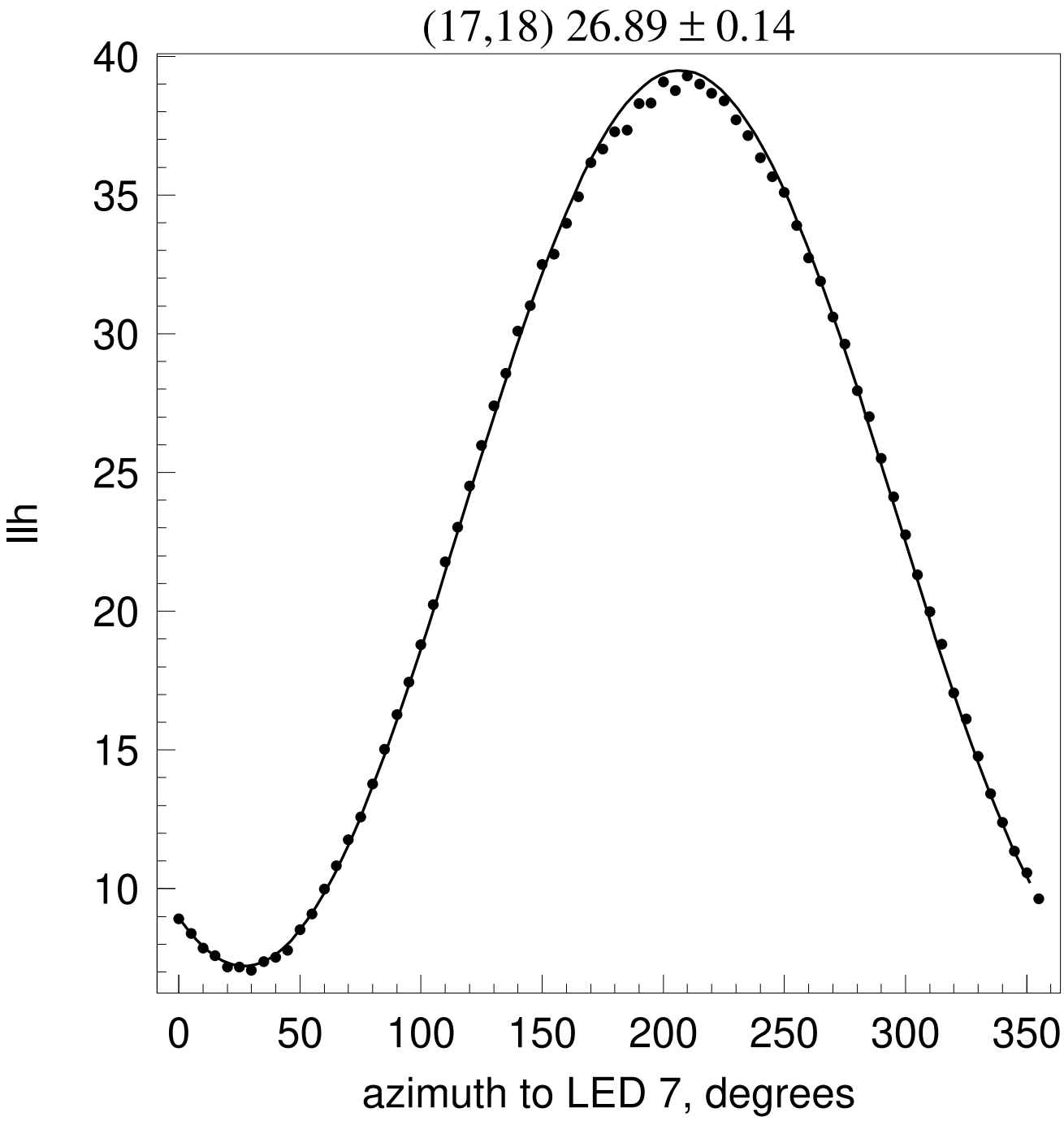

(17,13) 17.85 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

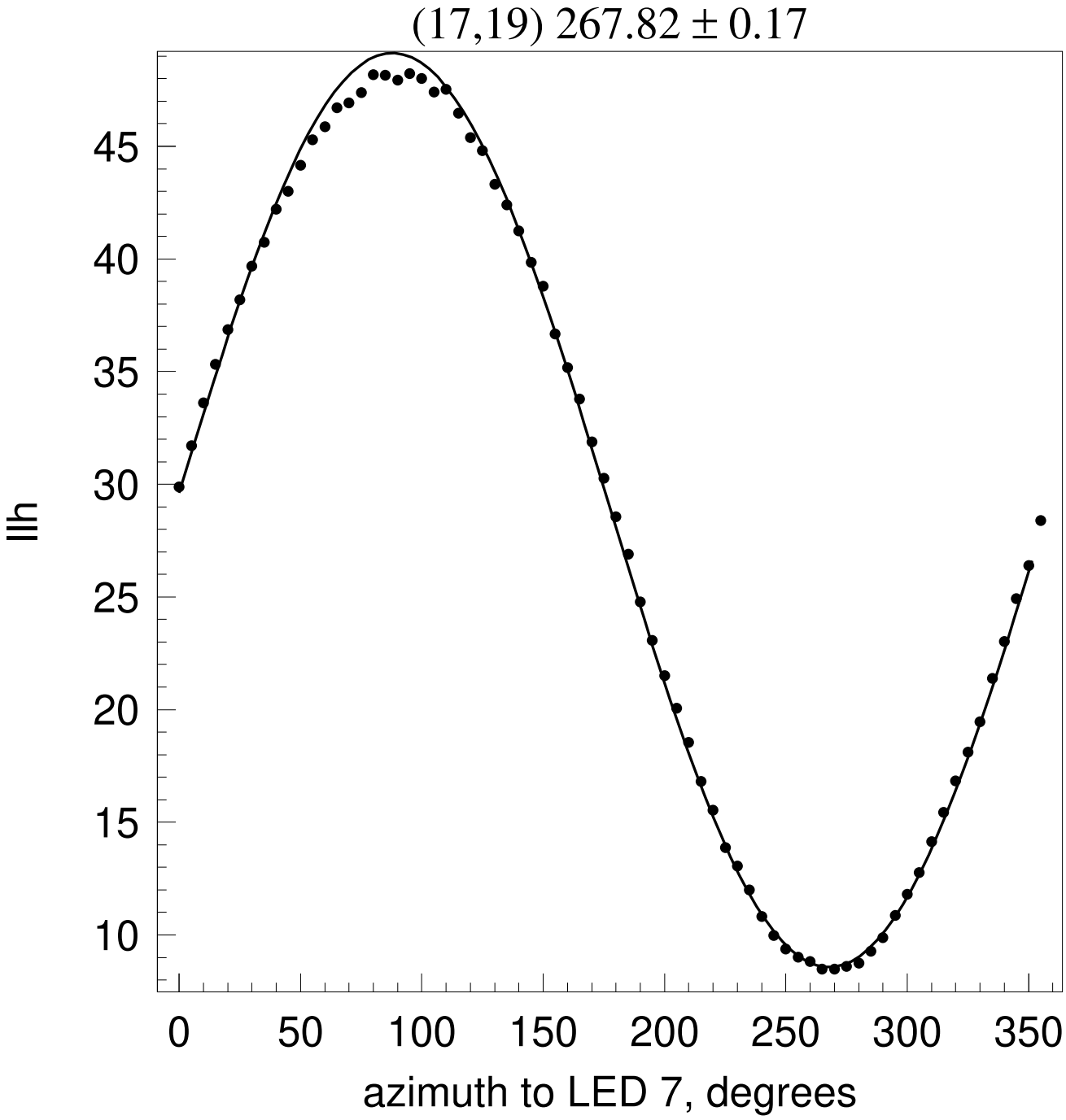

(17,14) 259.26 ± 0.40
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

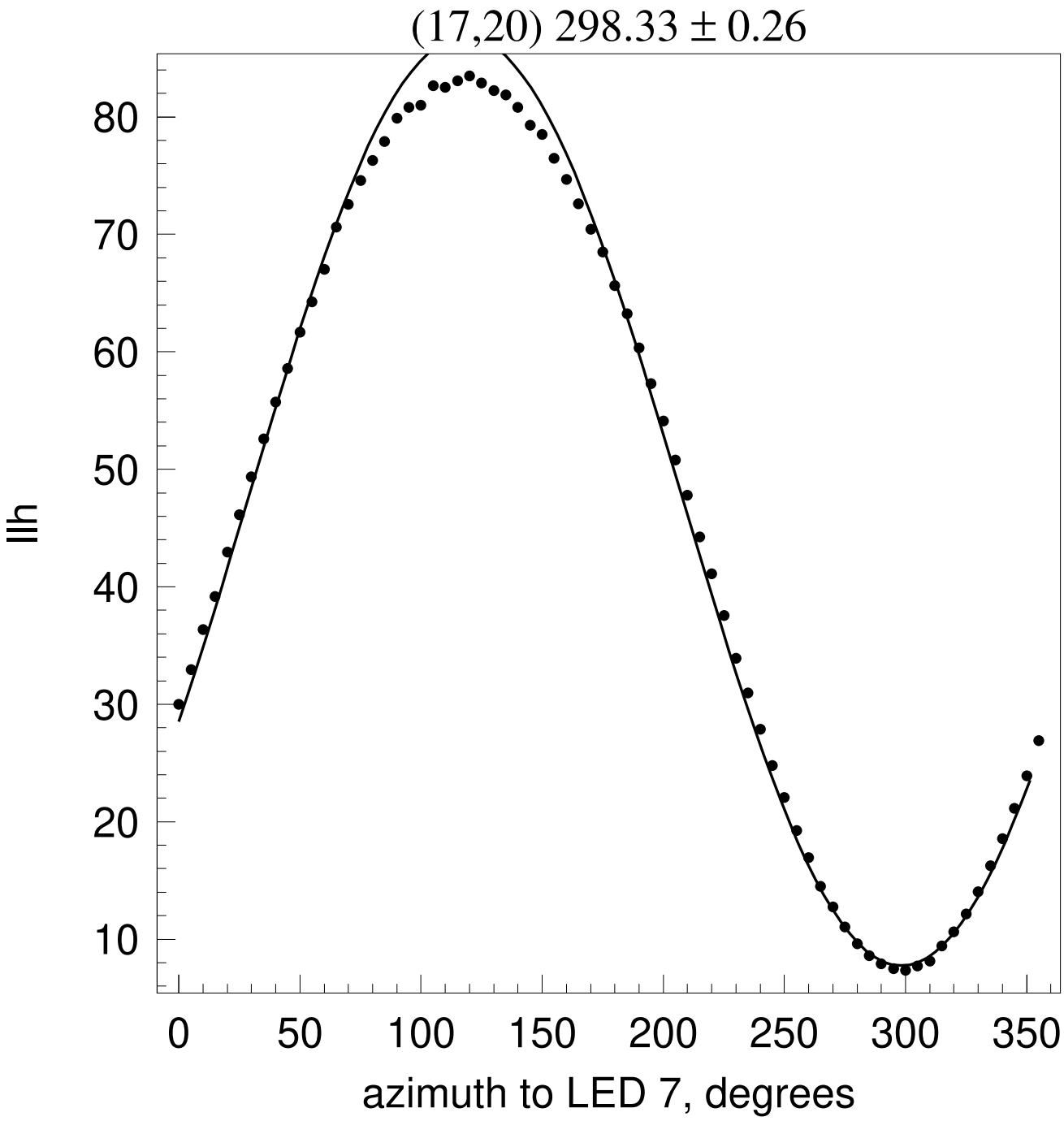

(17,15) 9.24 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

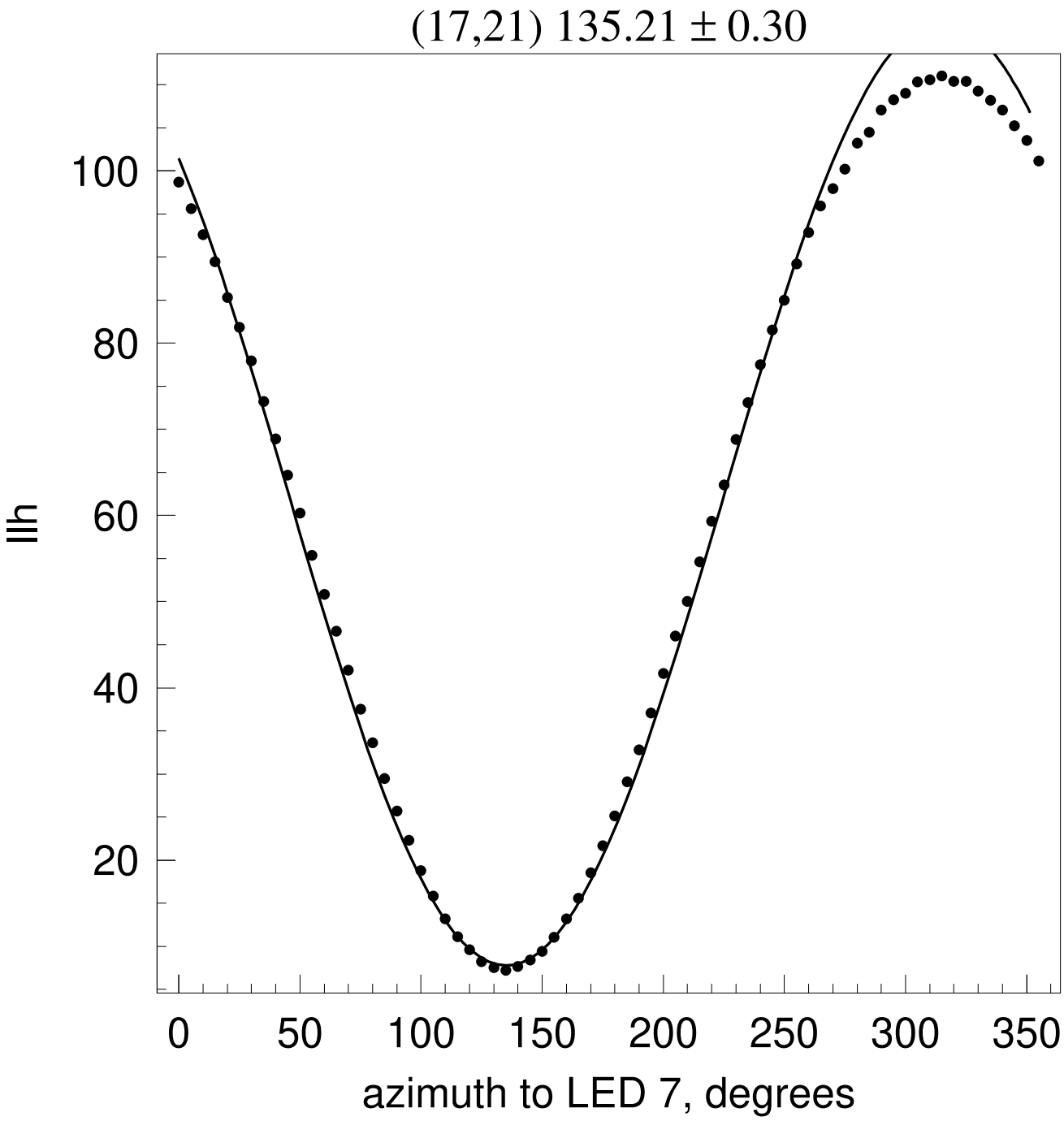

(17,16) 210.34 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

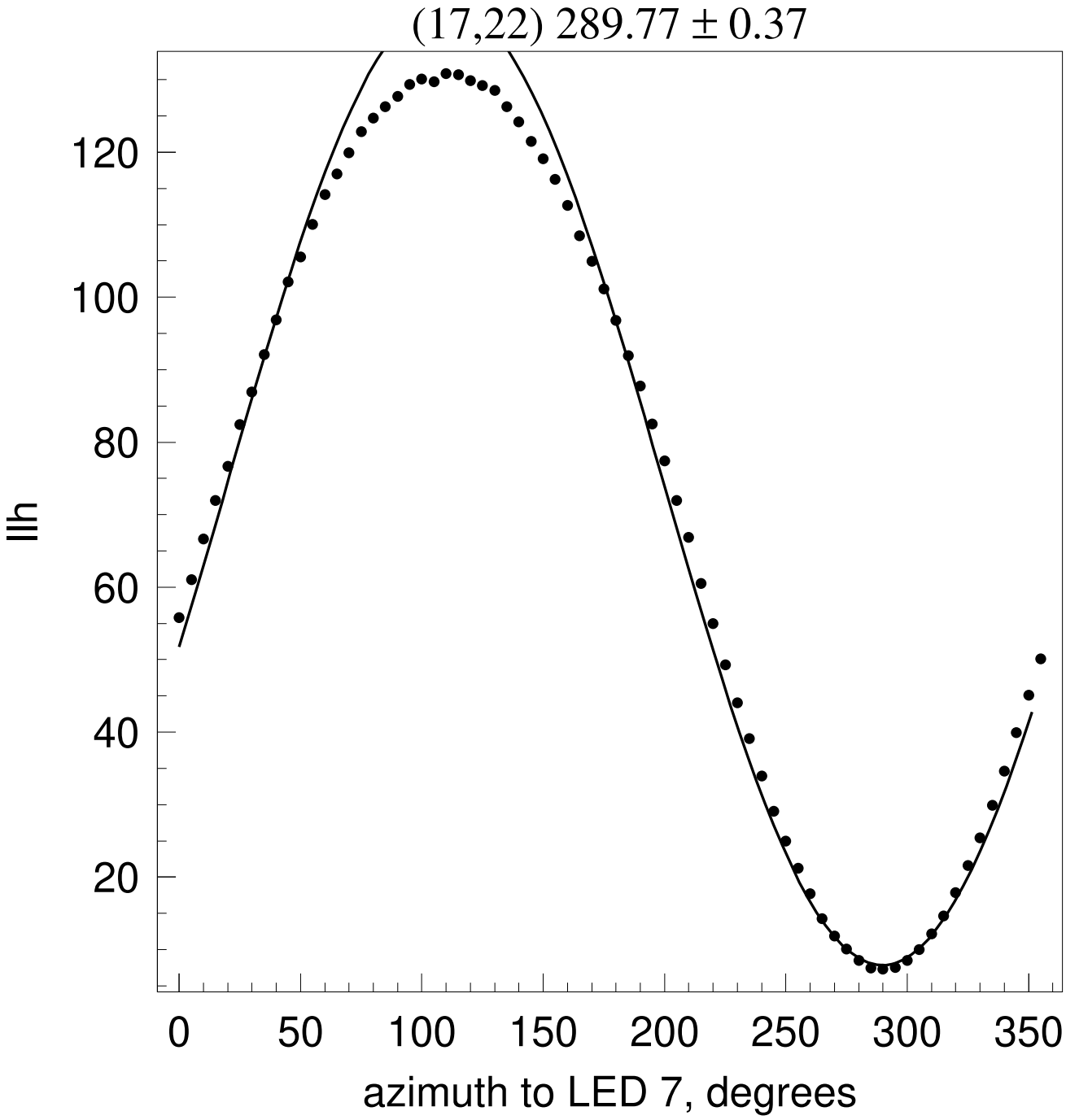

(17,17) 340.22 ± 0.15
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

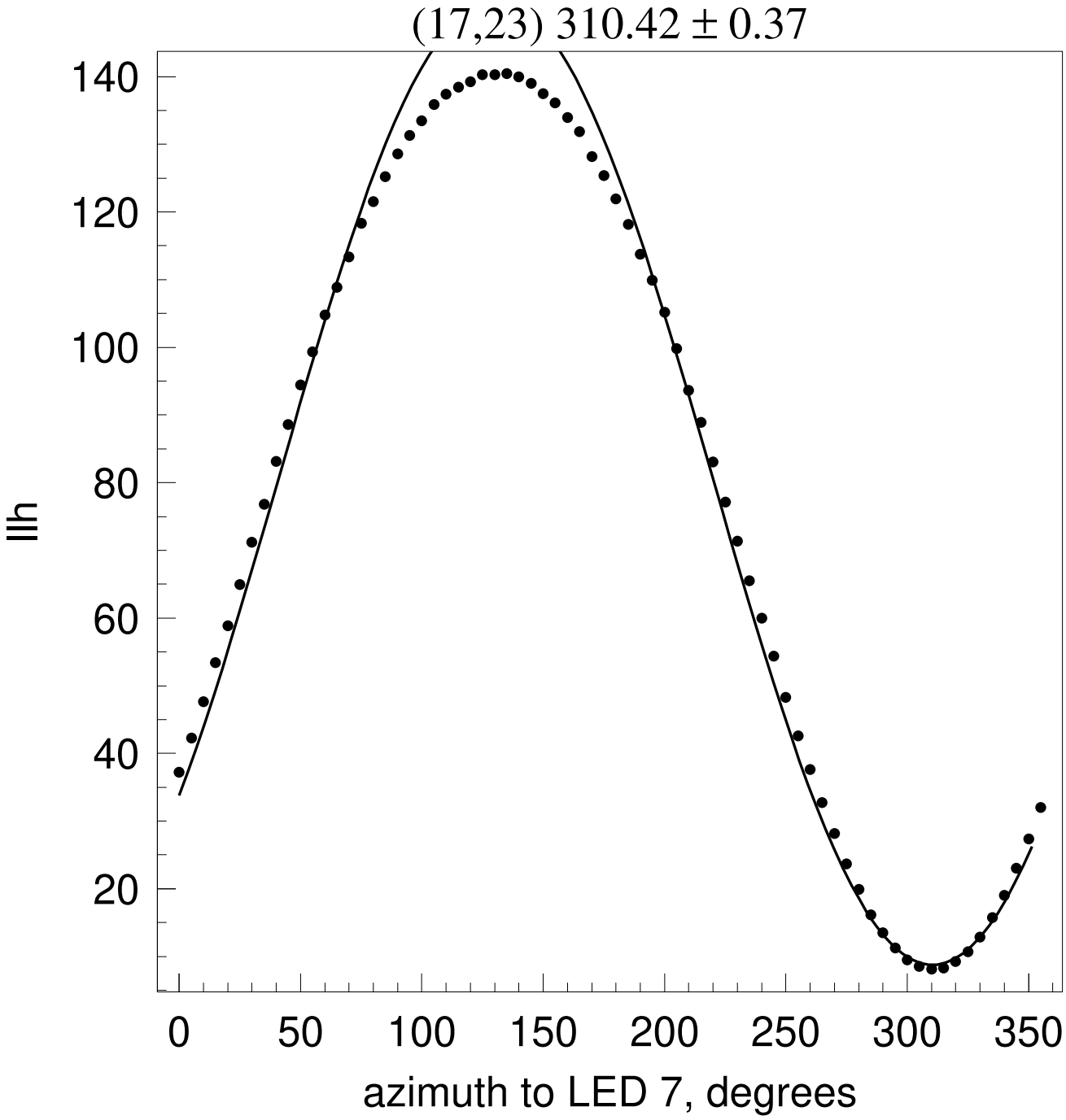

(17,18) 26.89 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

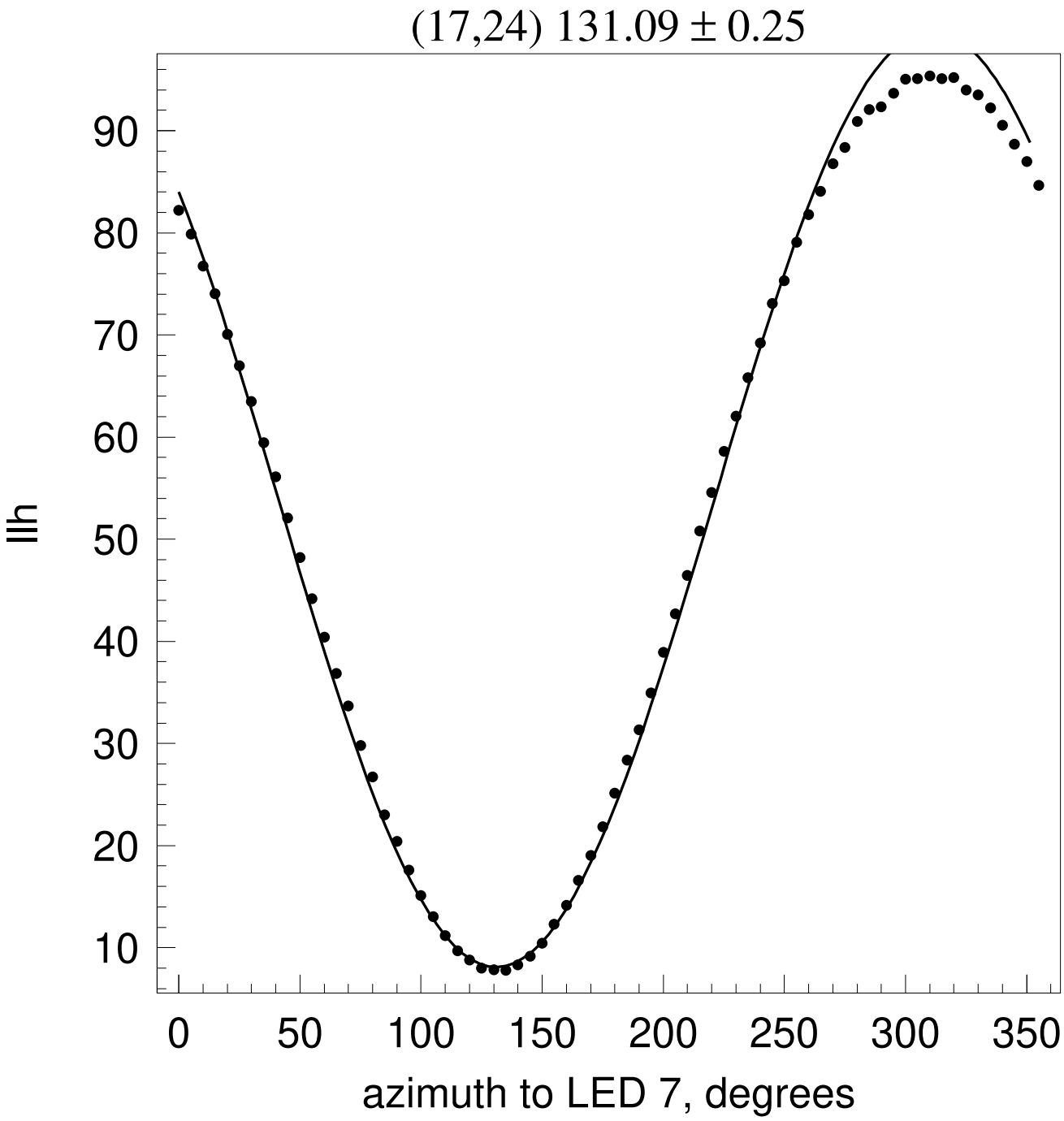

(17,19) 267.82 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

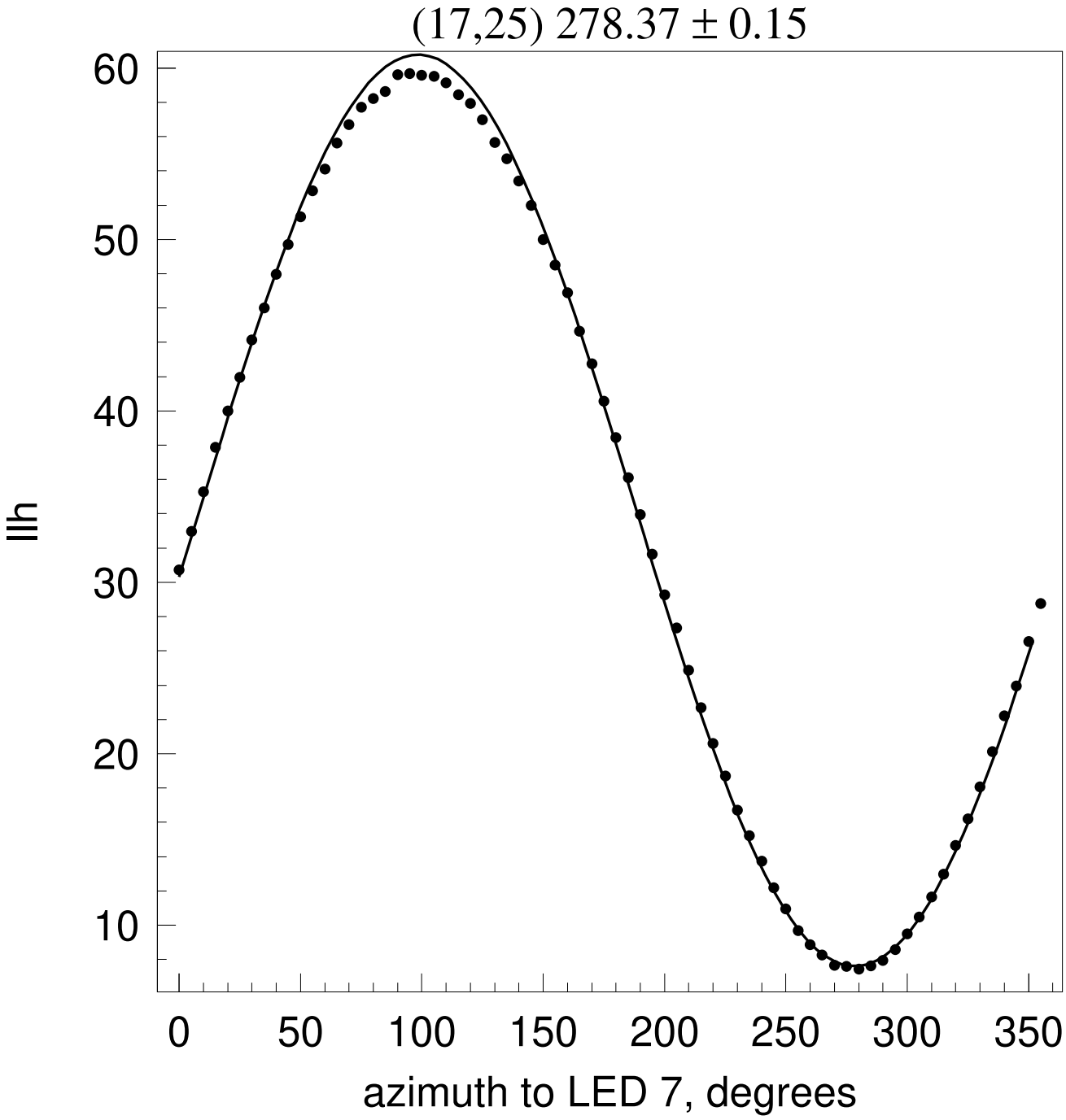

(17,20) 298.33 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

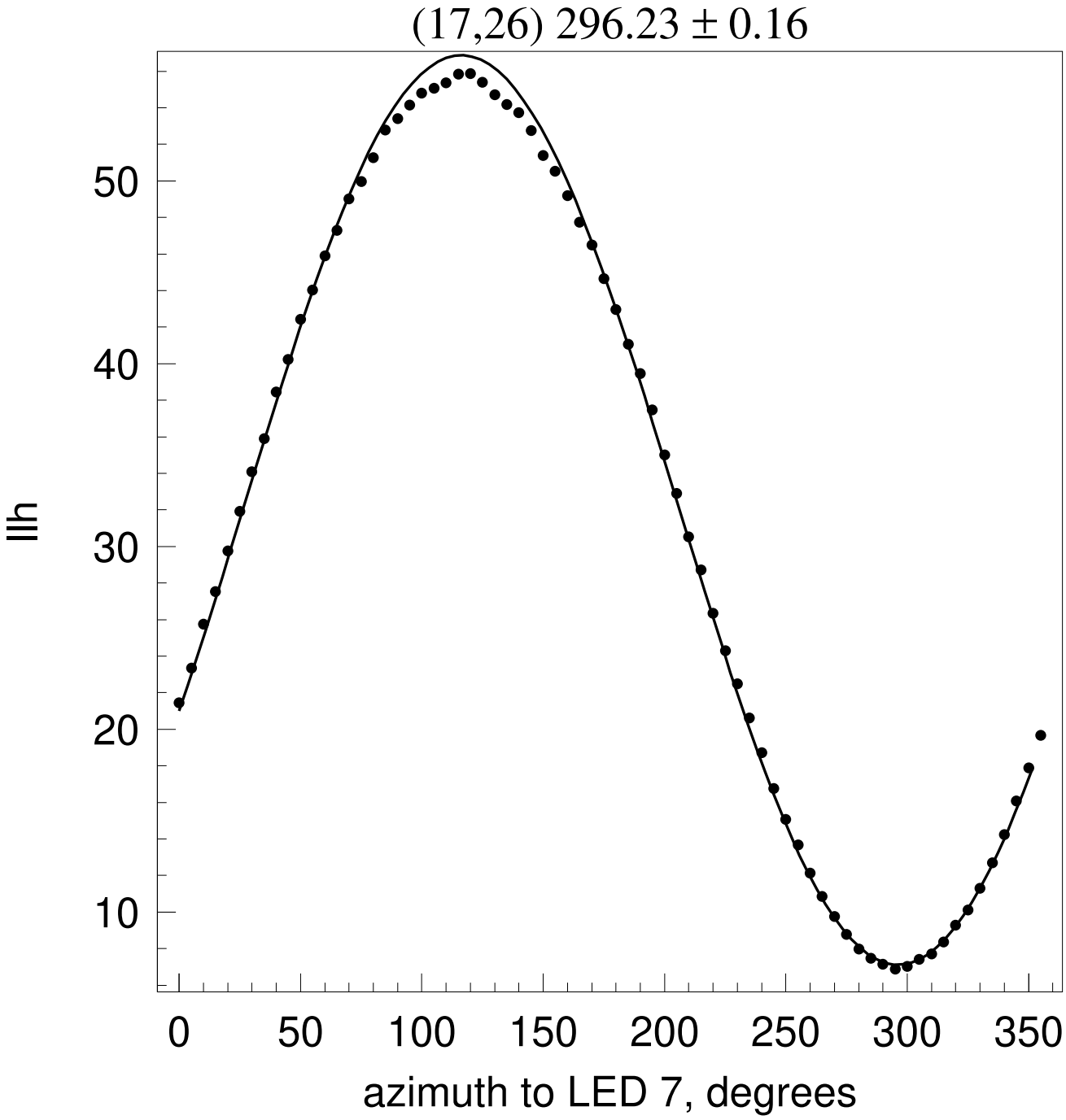

(17,21) 135.21 ± 0.30
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

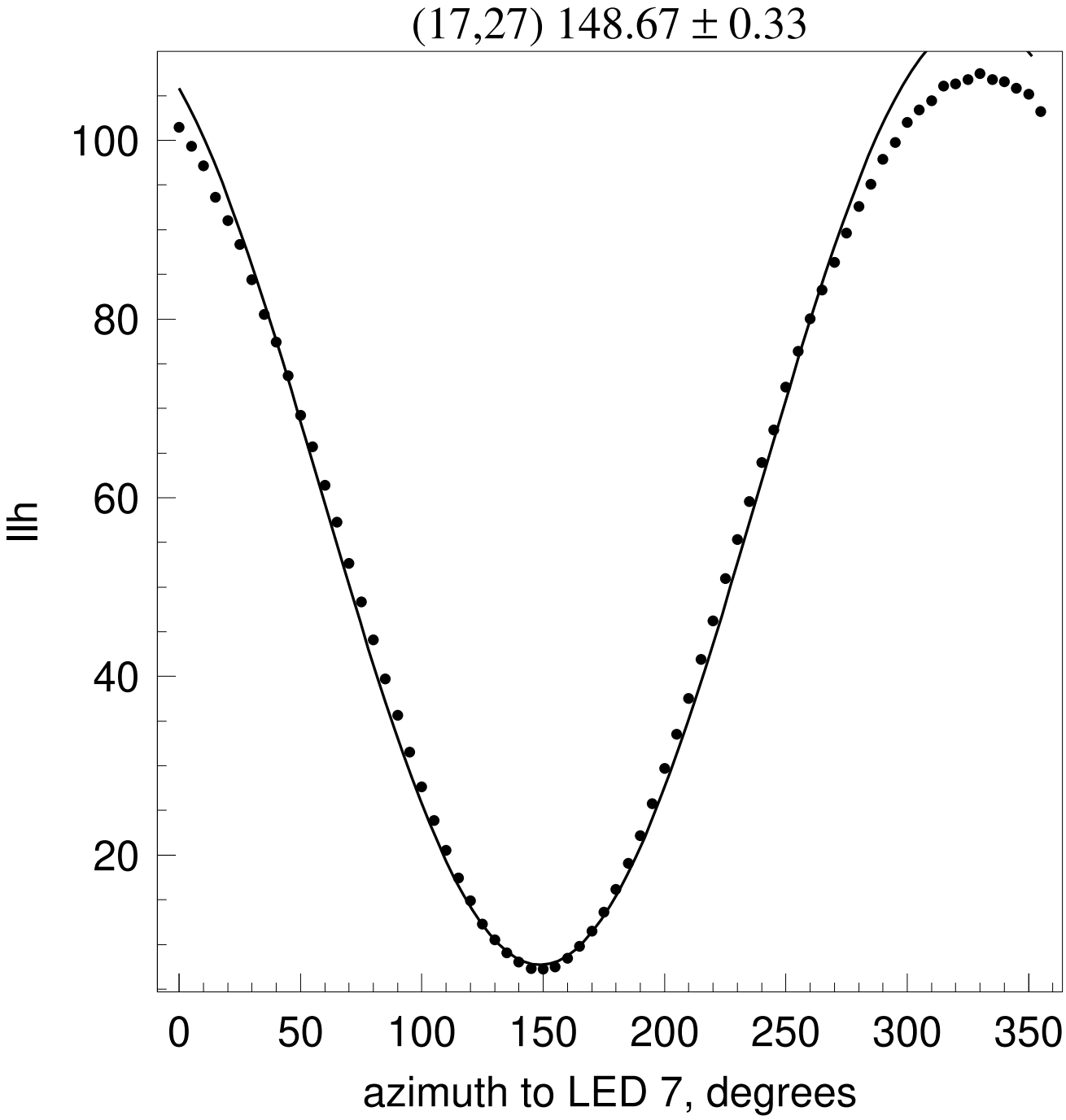

(17,22) 289.77 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

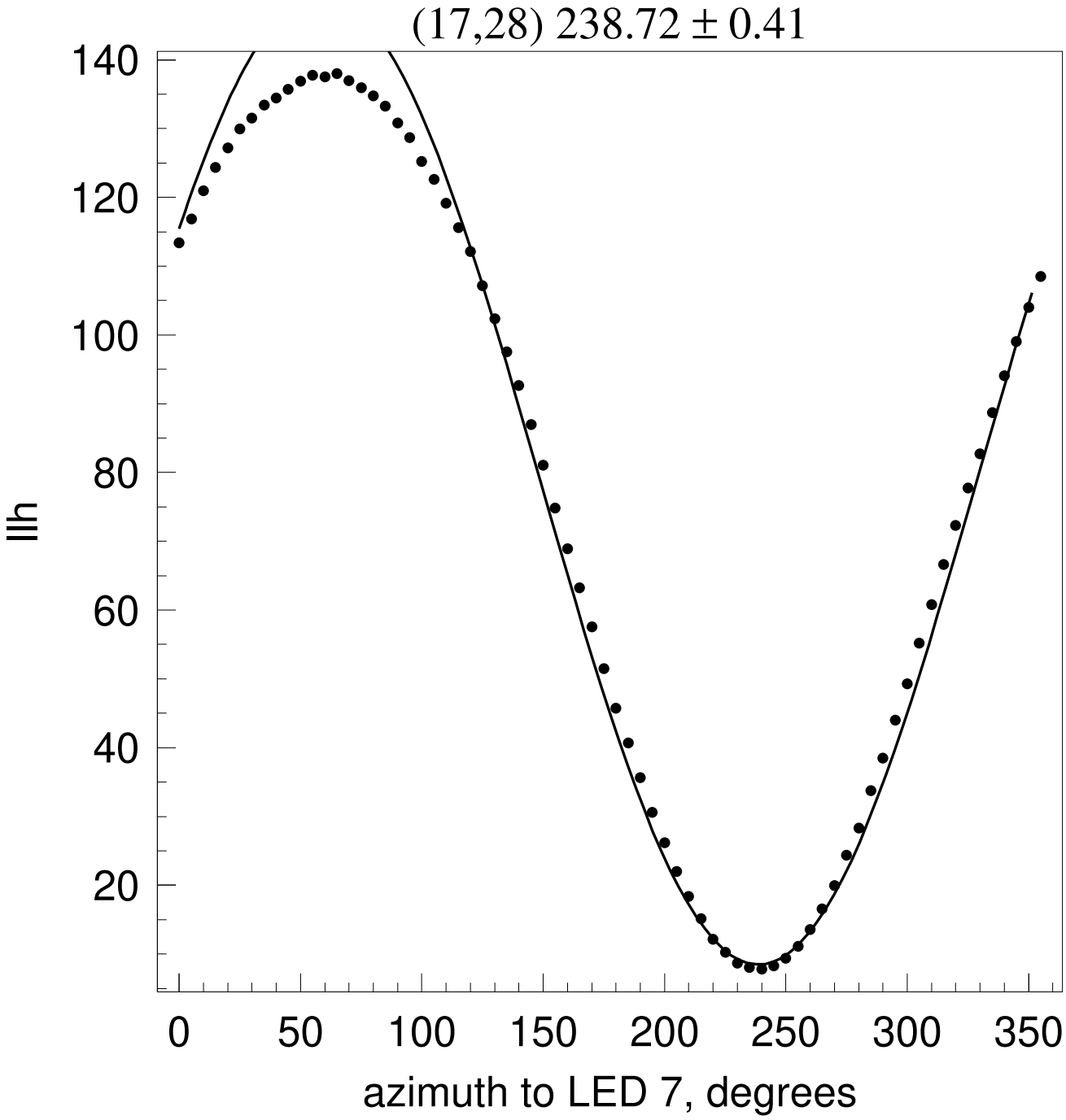

(17,23) 310.42 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

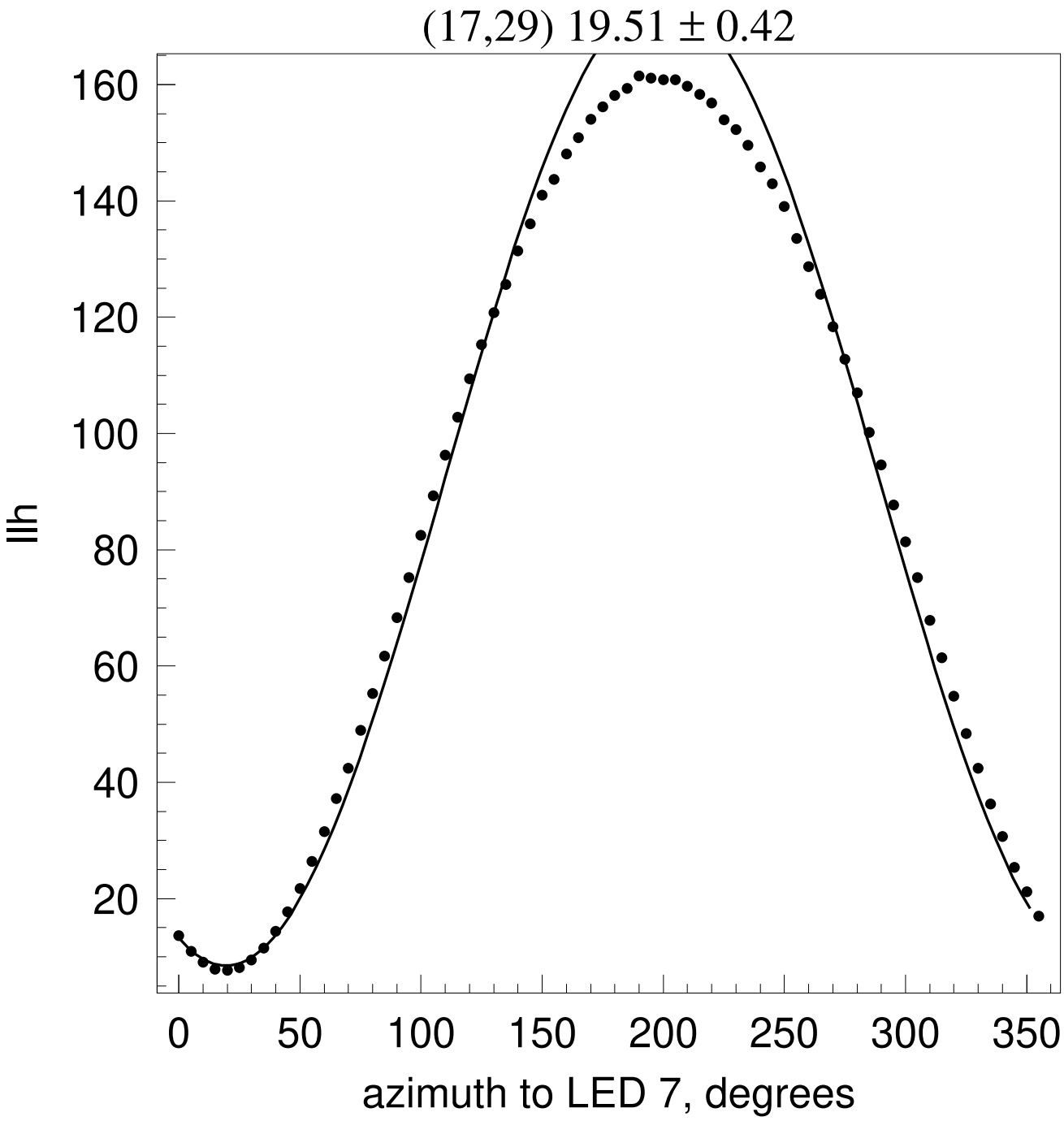

(17,24) 131.09 ± 0.25
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

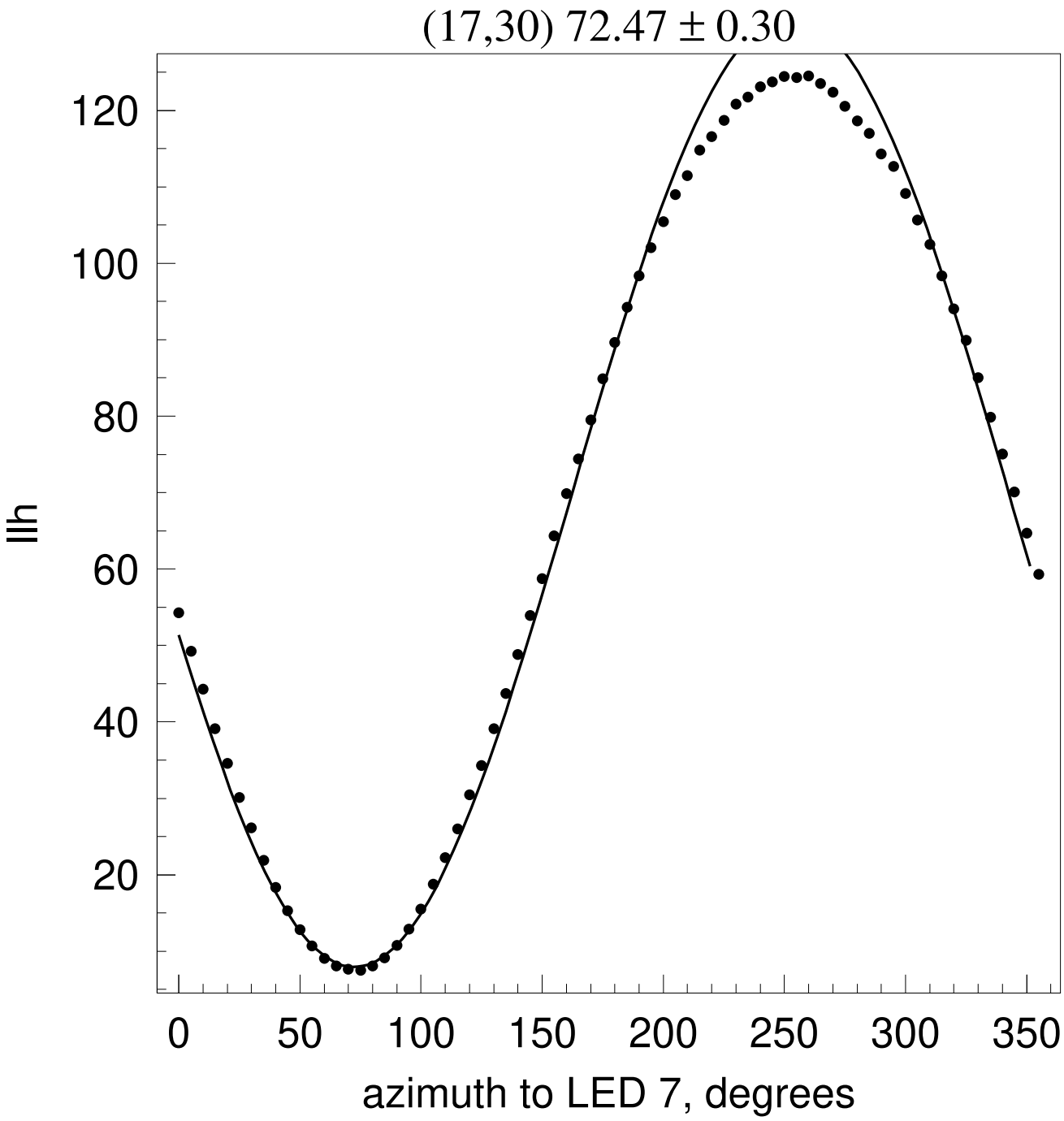

(17,25) 278.37 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

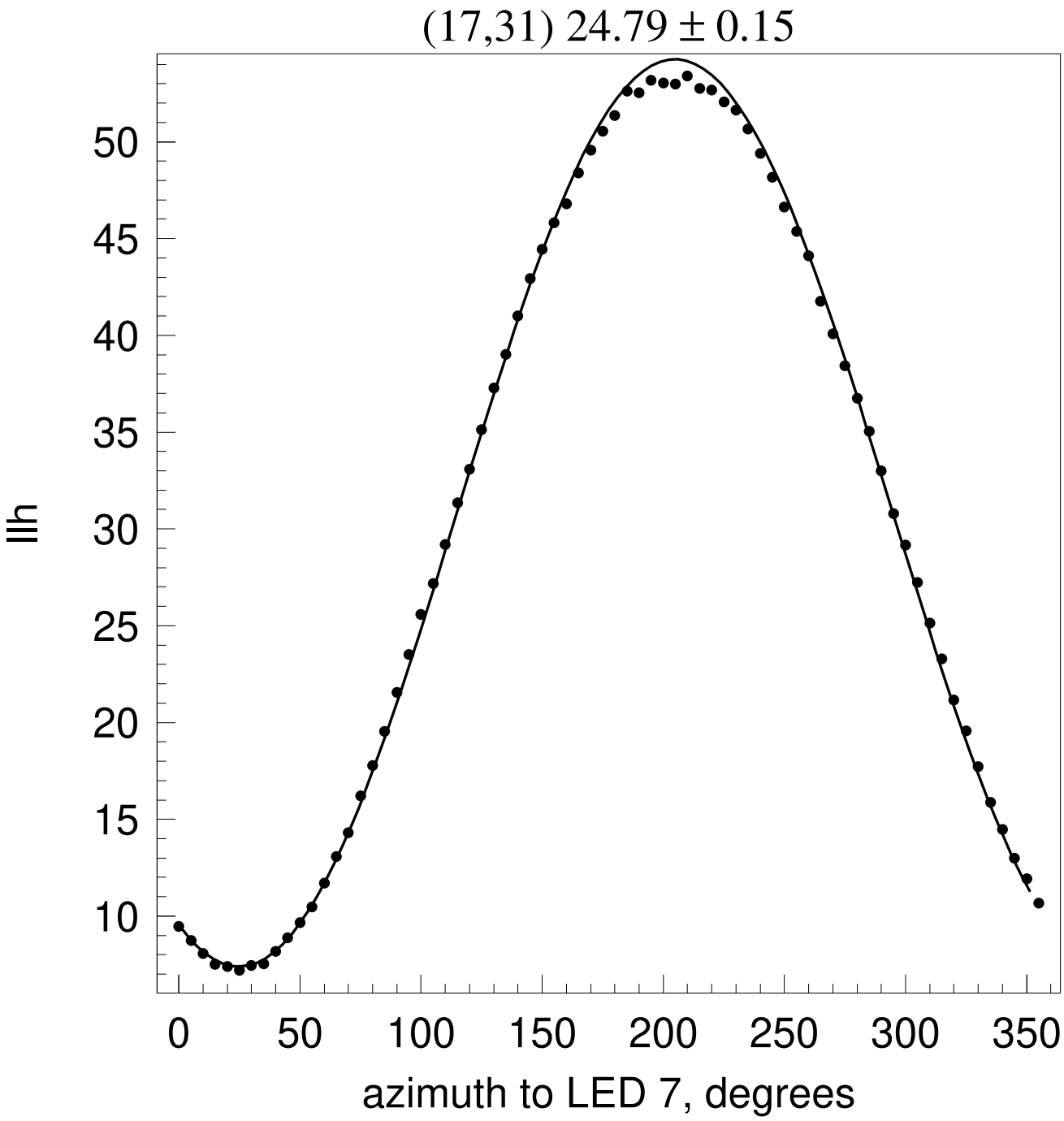

(17,26) 296.23 ± 0.16
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

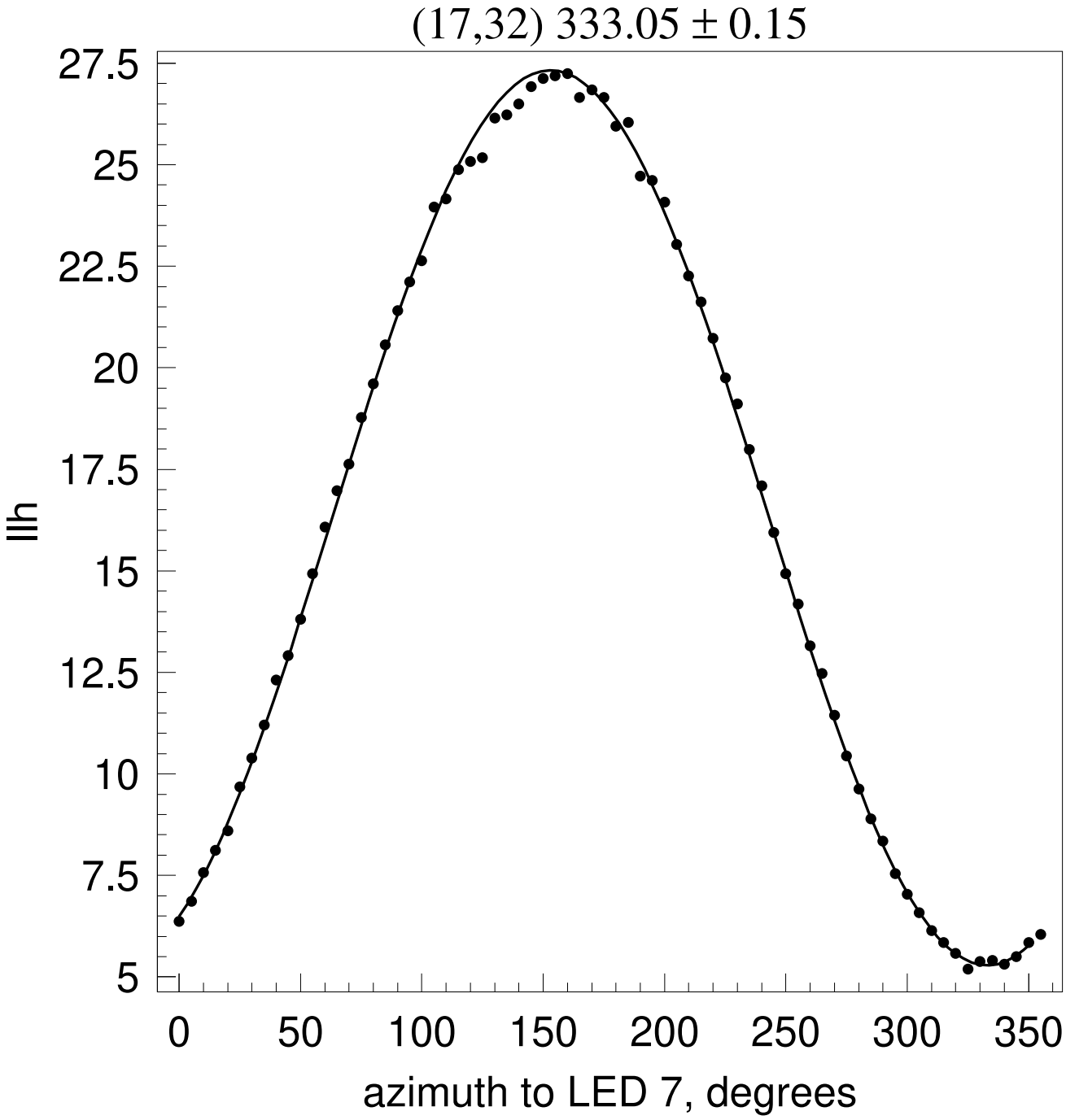

(17,27) 148.67 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

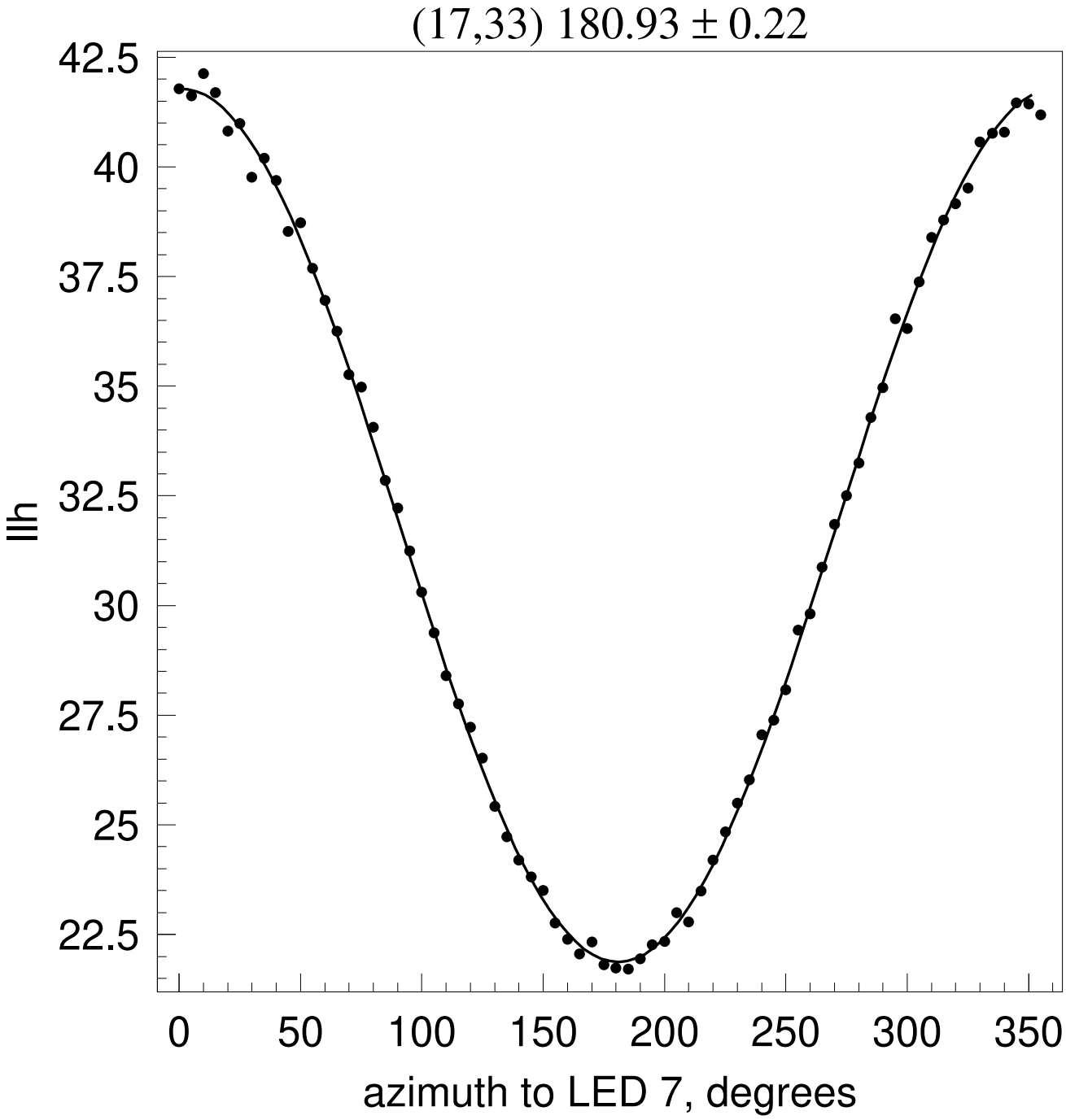

(17,28) 238.72 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

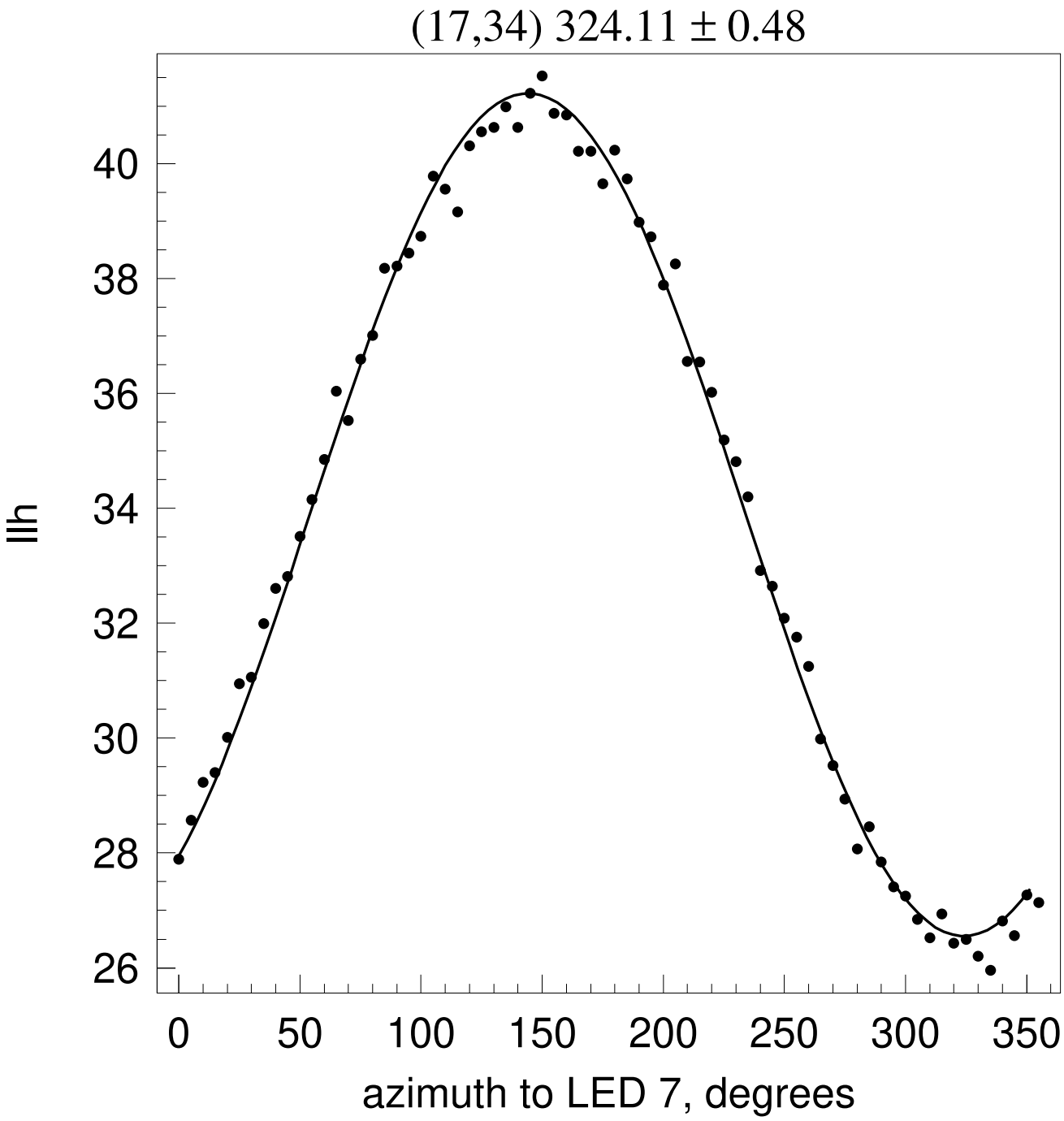

(17,29) 19.51 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

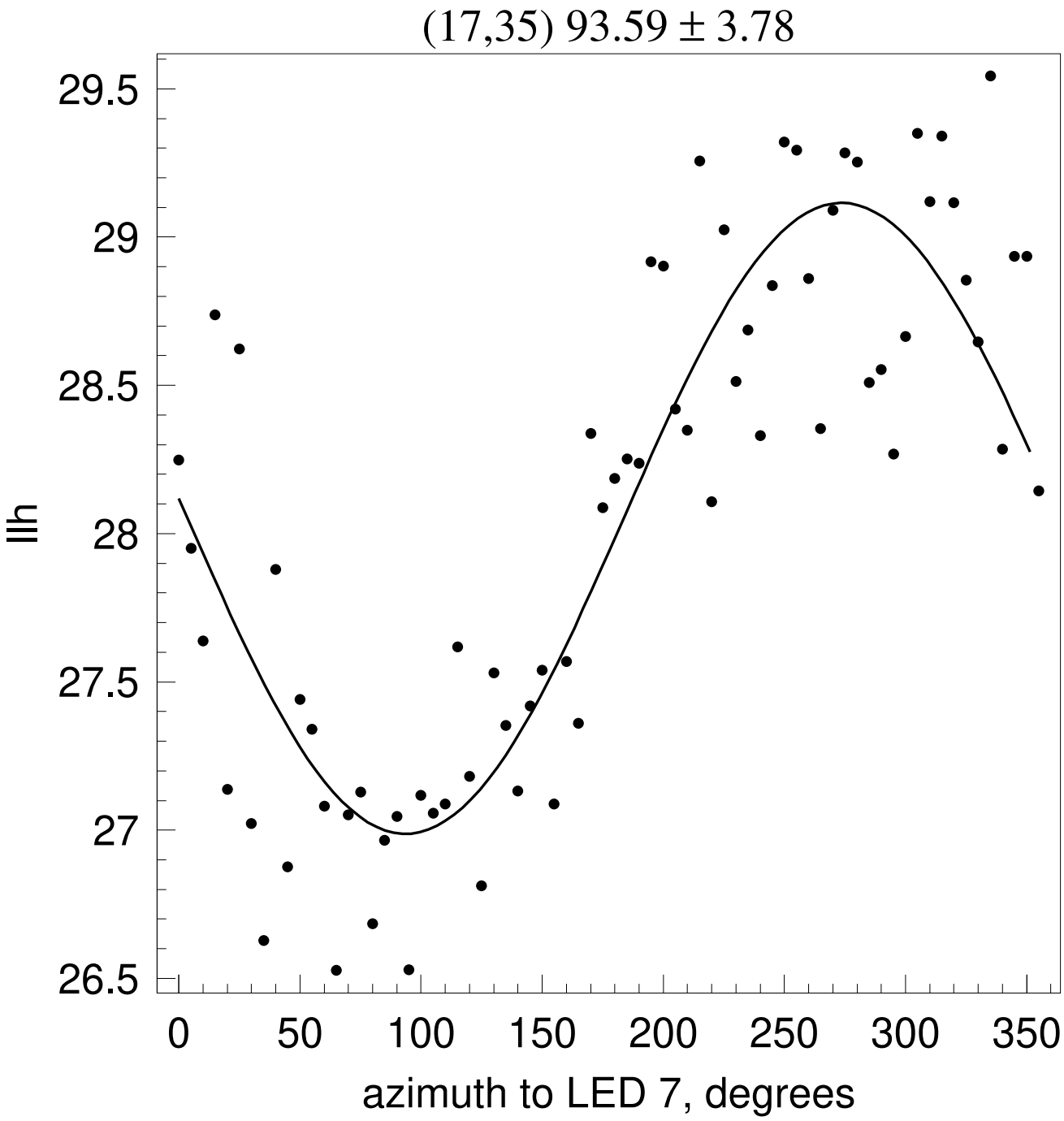

(17,30) 72.47 ± 0.30
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

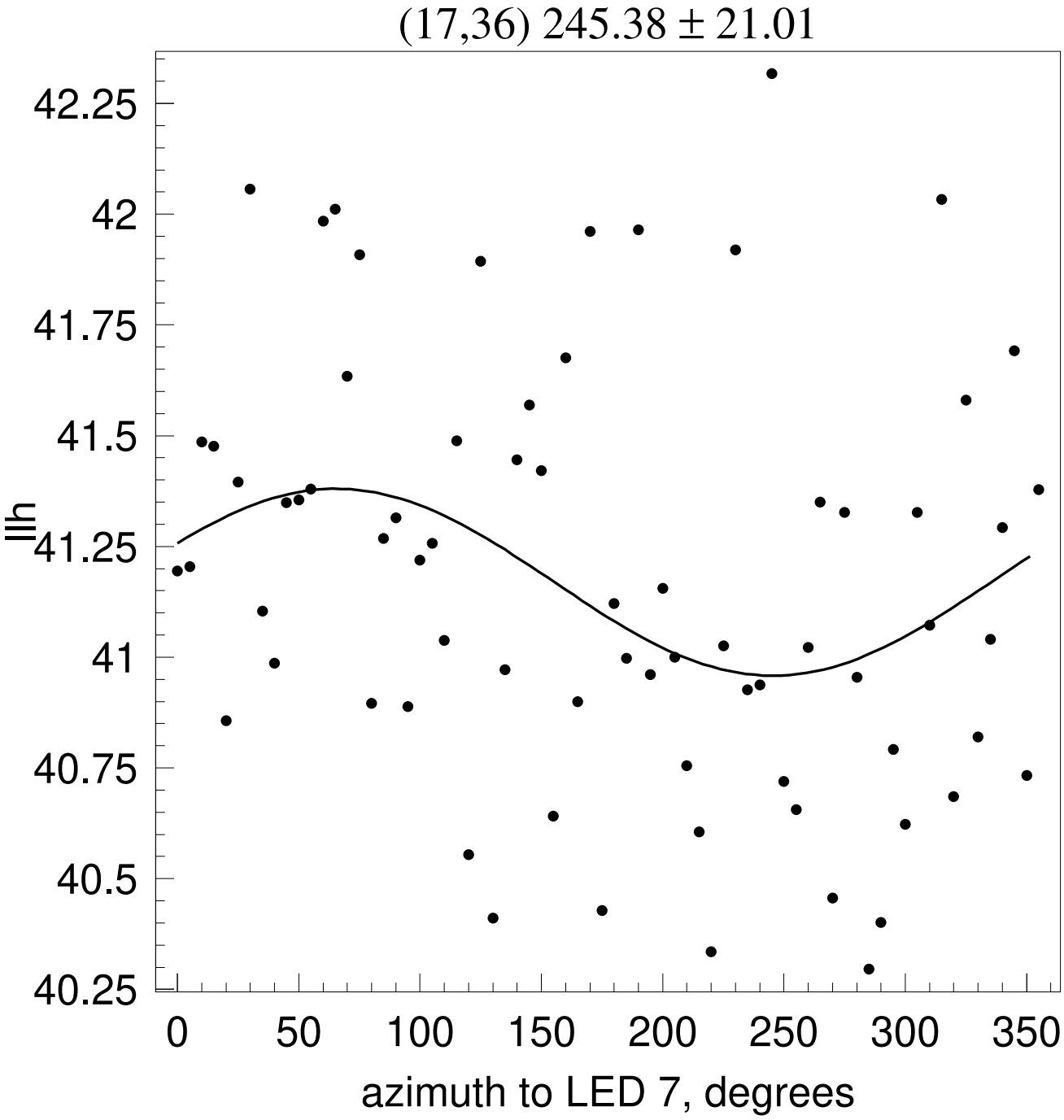

(17,31) 24.79 ± 0.15
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

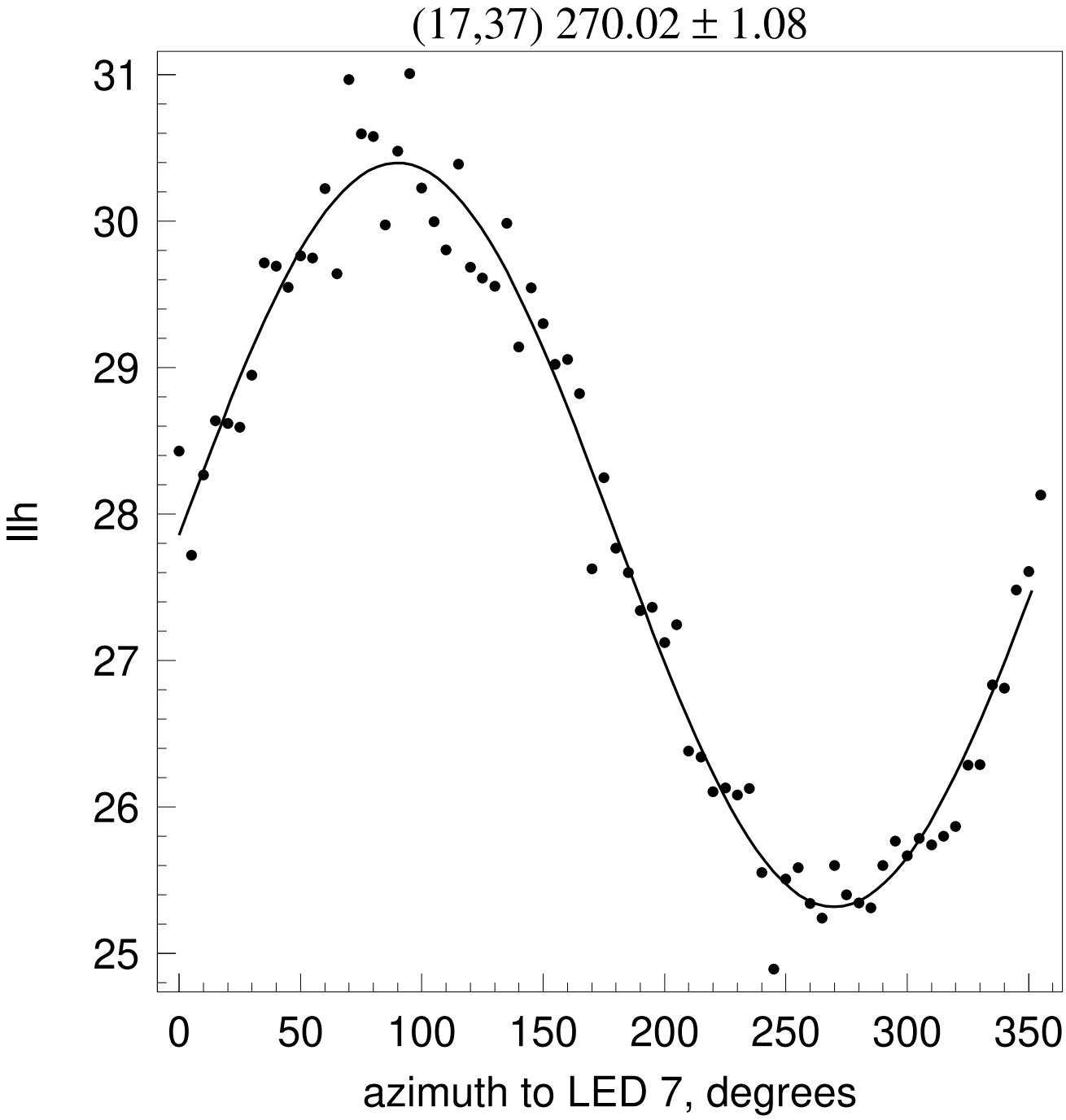

(17,32) 333.05 ± 0.15
27.5
25
22.5
20
17.5
15
12.5
10
7.5
5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

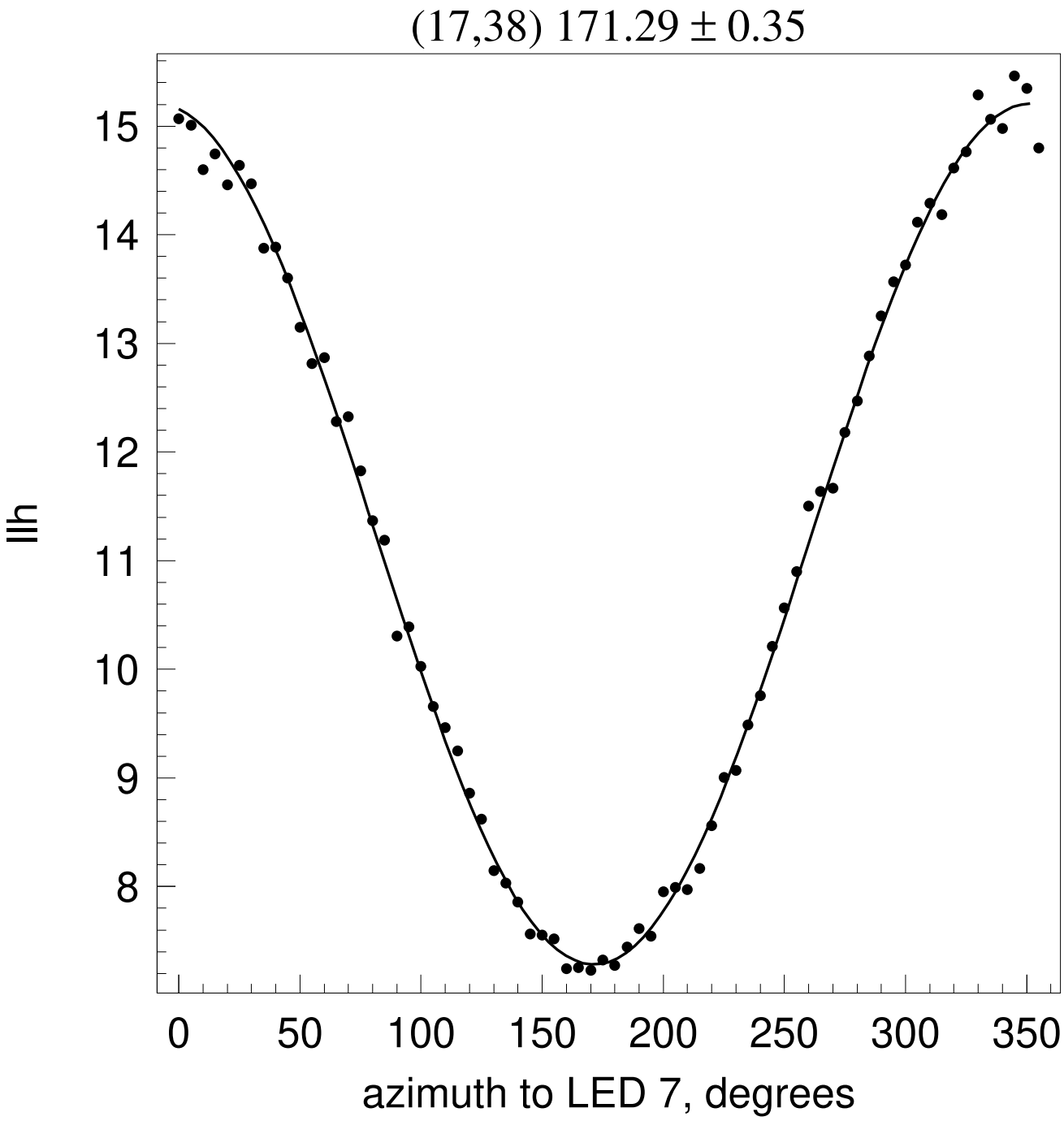

(17,33) 180.93 ± 0.22
42.5
40
37.5
35
32.5
30
27.5
25
22.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

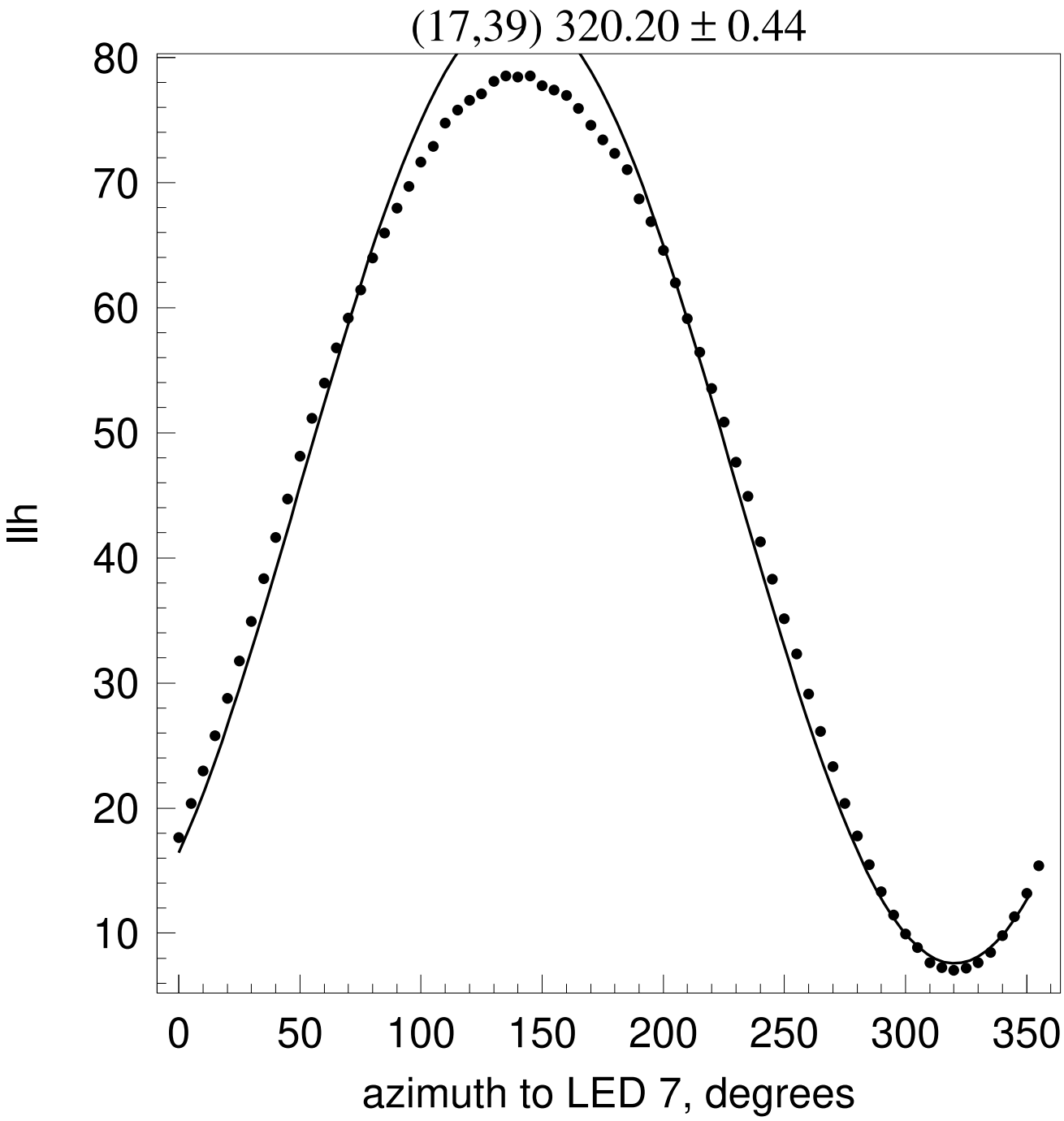

(17,34) 324.11 ± 0.48
40
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

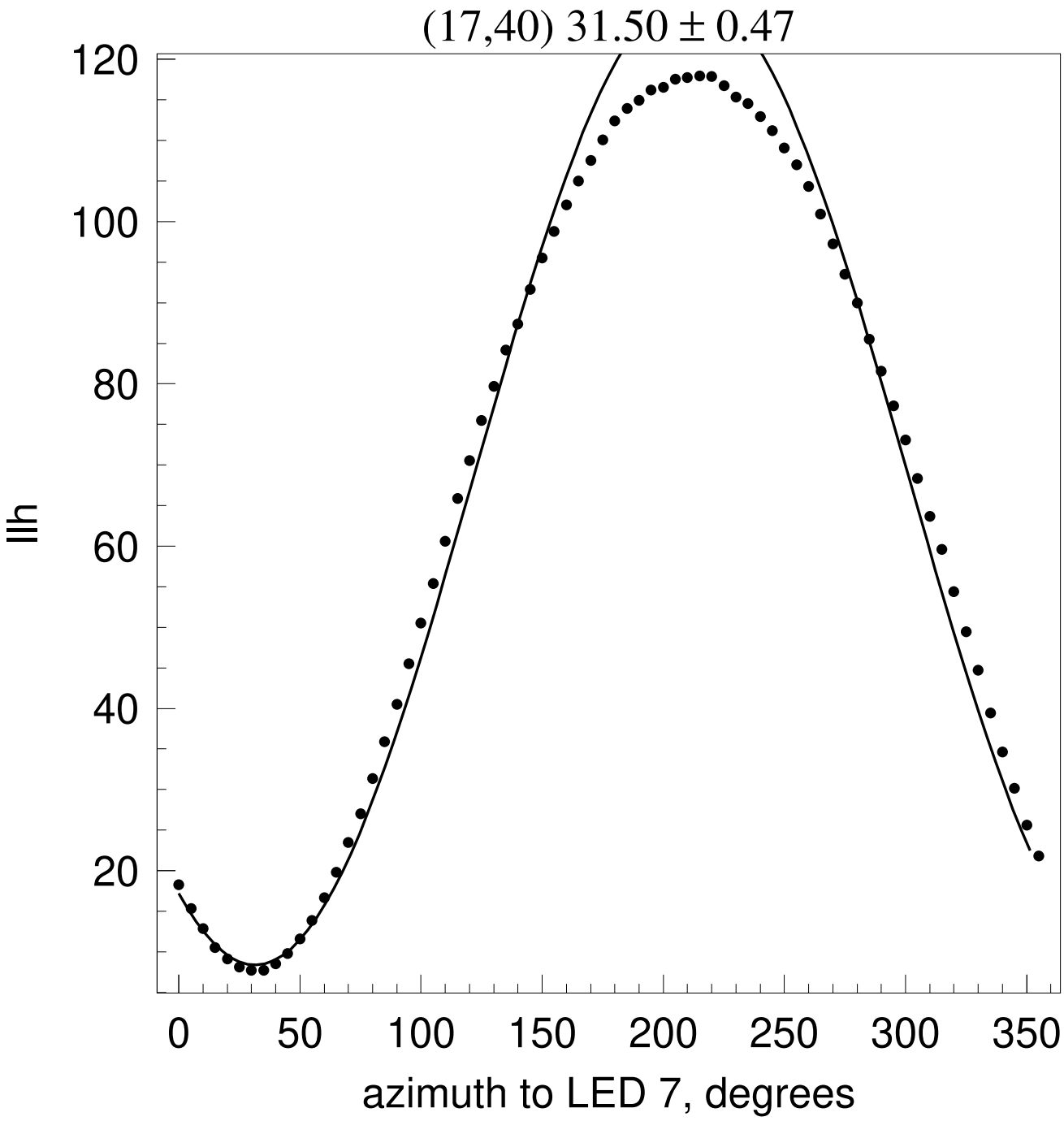

(17,35) 93.59 ± 3.78
29.5
29
28.5
28
27.5
27
26.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

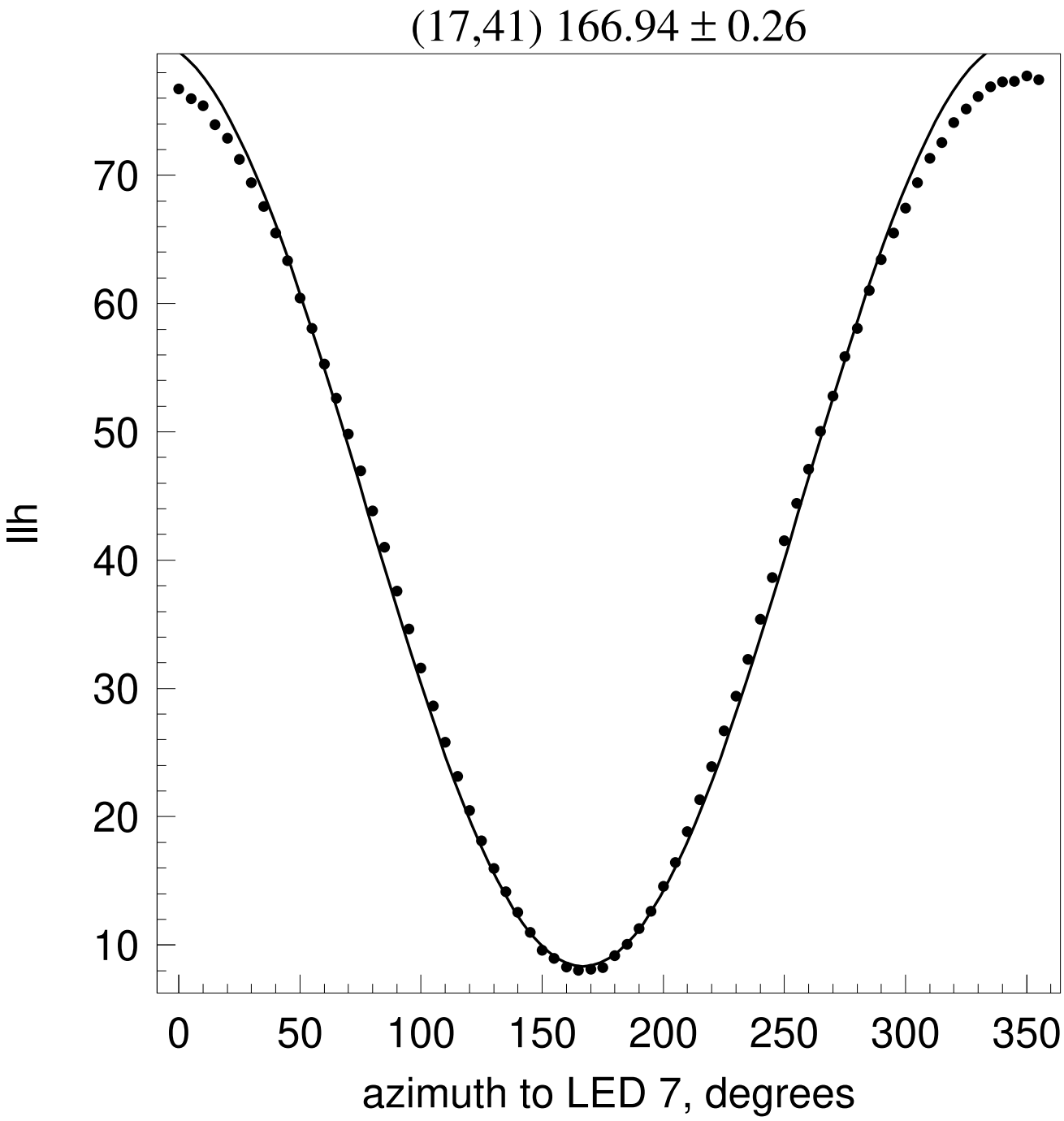

(17,36) 245.38 ± 21.01
42.25
42
41.75
41.5
41.25
41
40.75
40.5
40.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

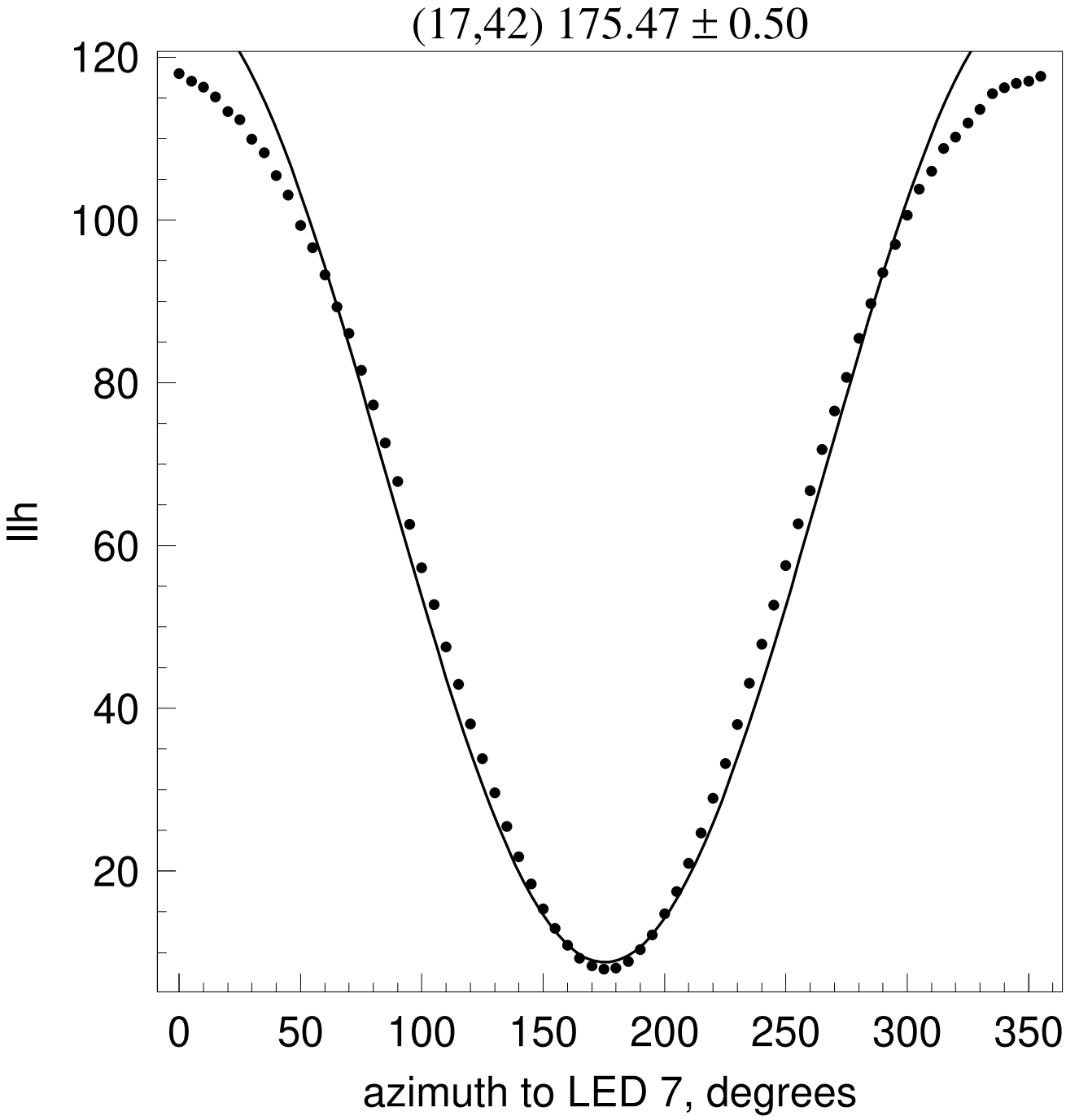

(17,37) 270.02 ± 1.08
31
30
29
28
27
26
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

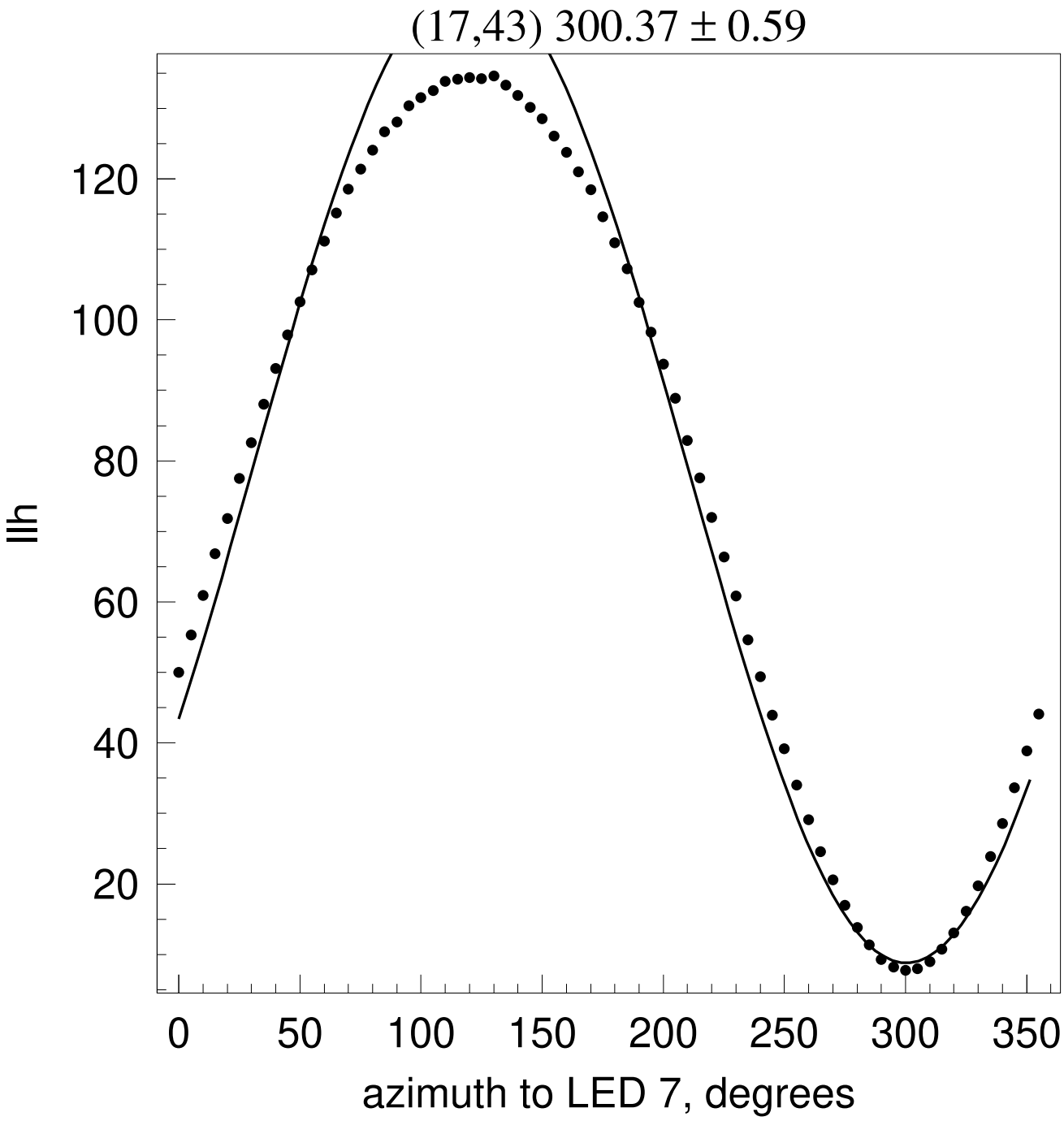

(17,38) 171.29 ± 0.35
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

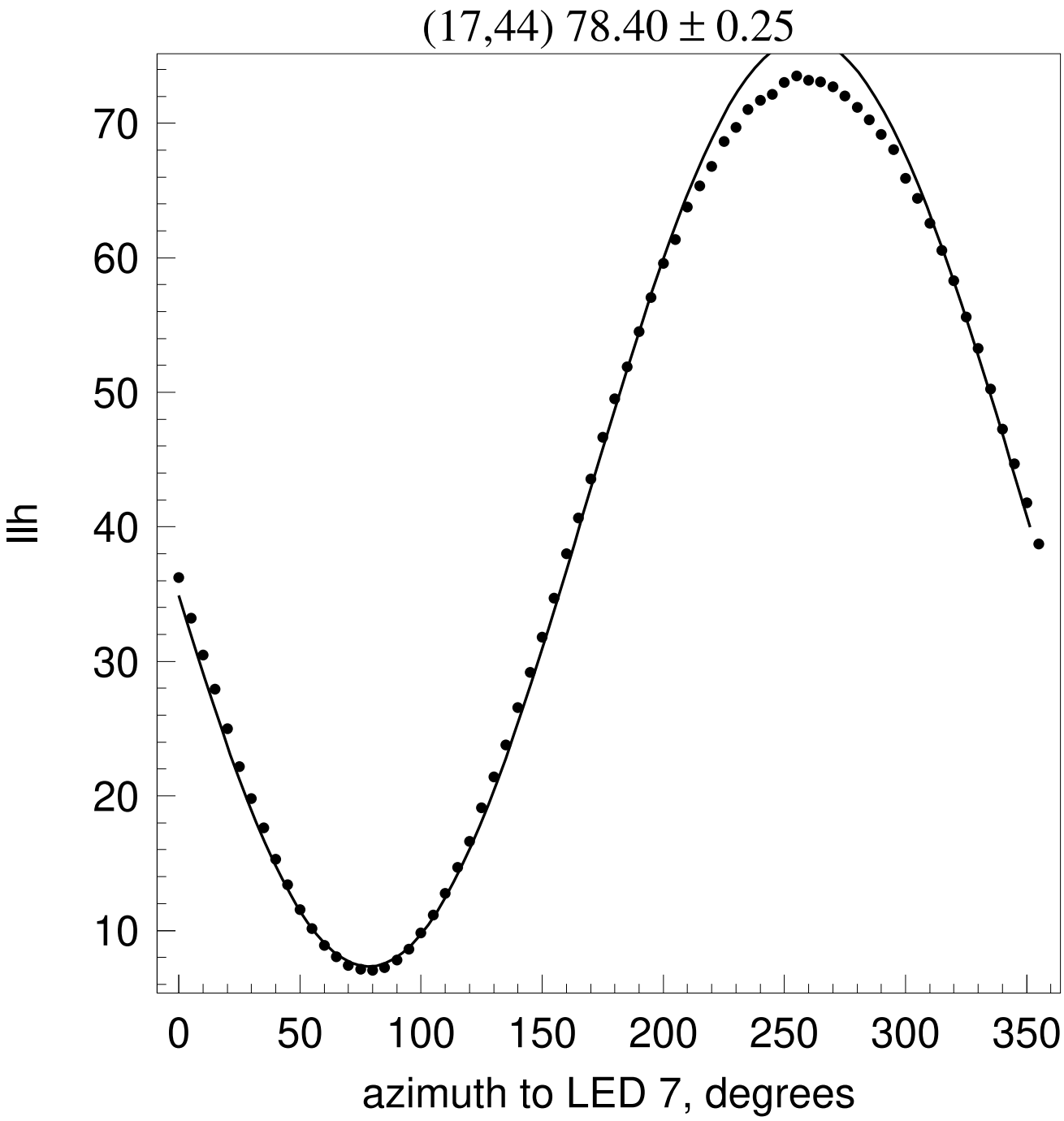

(17,39) 320.20 ± 0.44
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

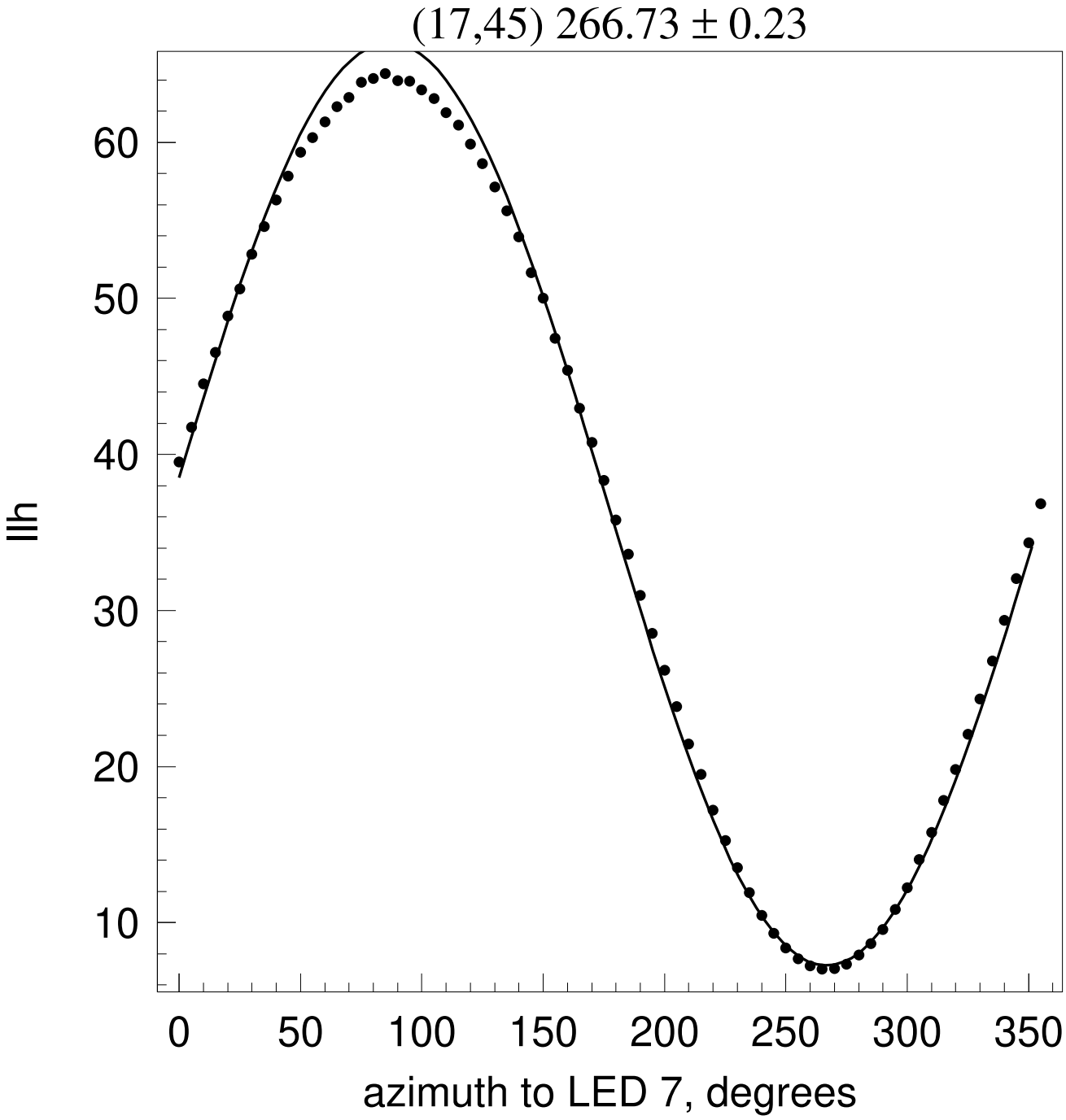

(17,40) 31.50 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

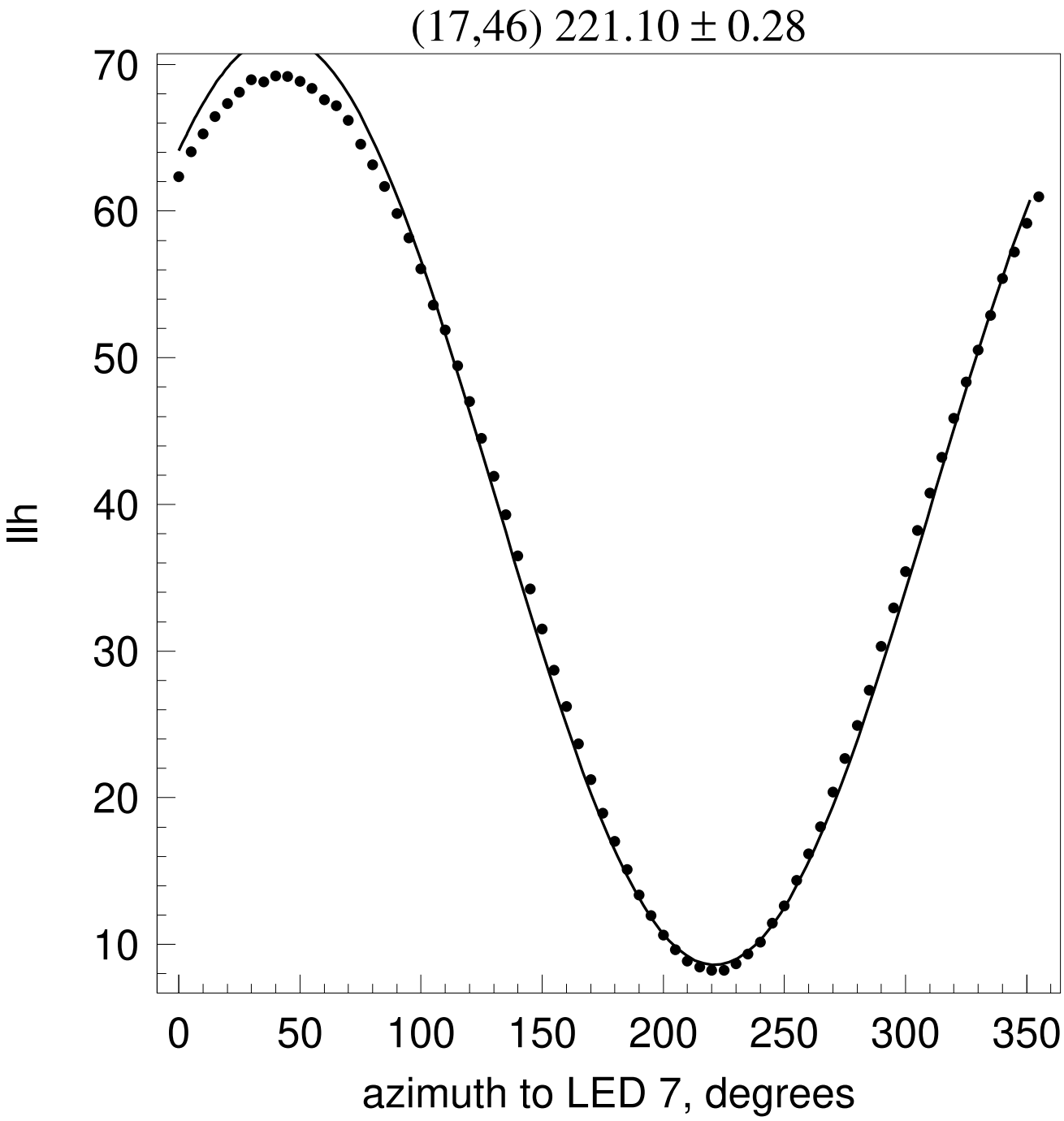

(17,41) 166.94 ± 0.26
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

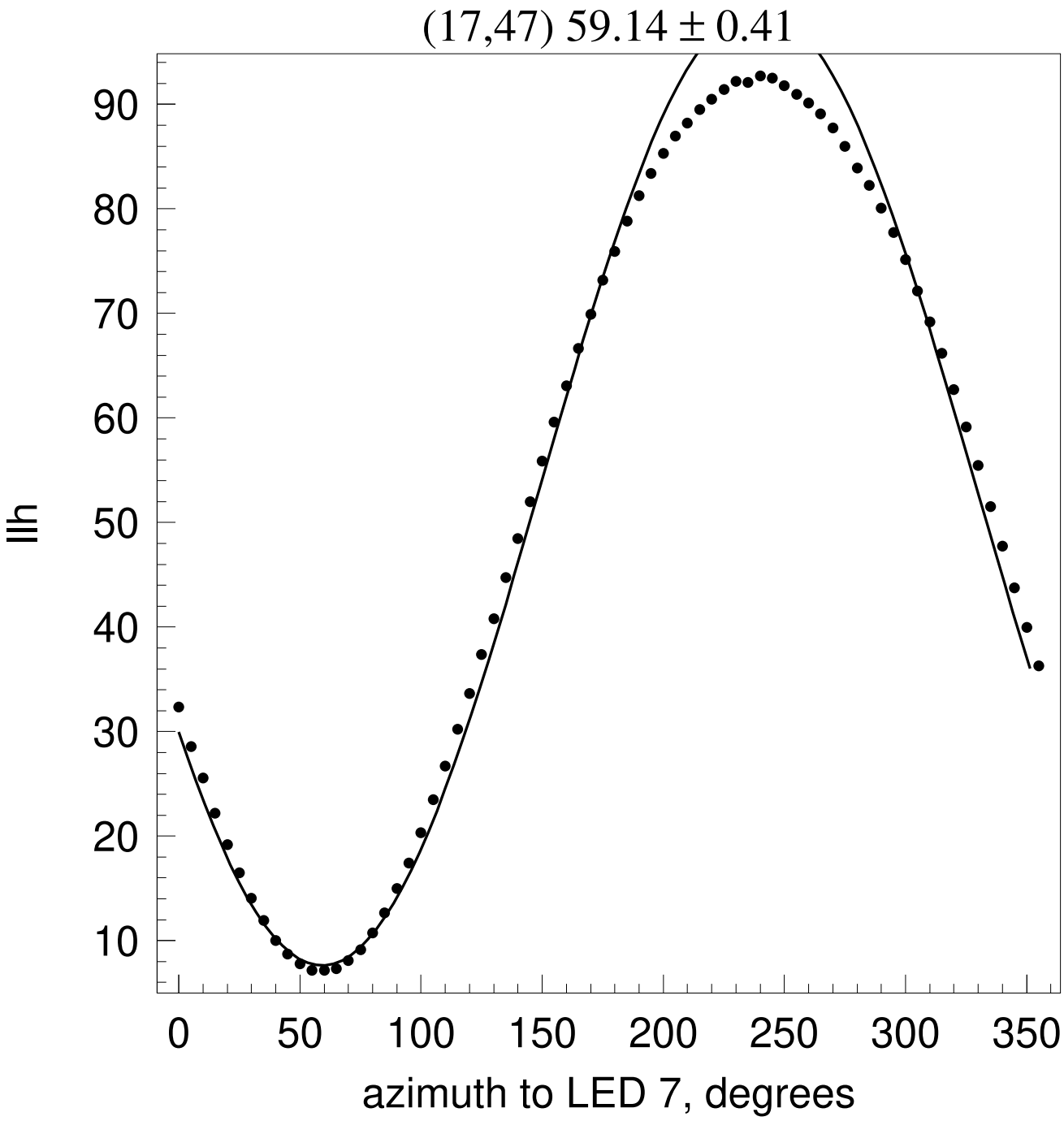

(17,42) 175.47 ± 0.50
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

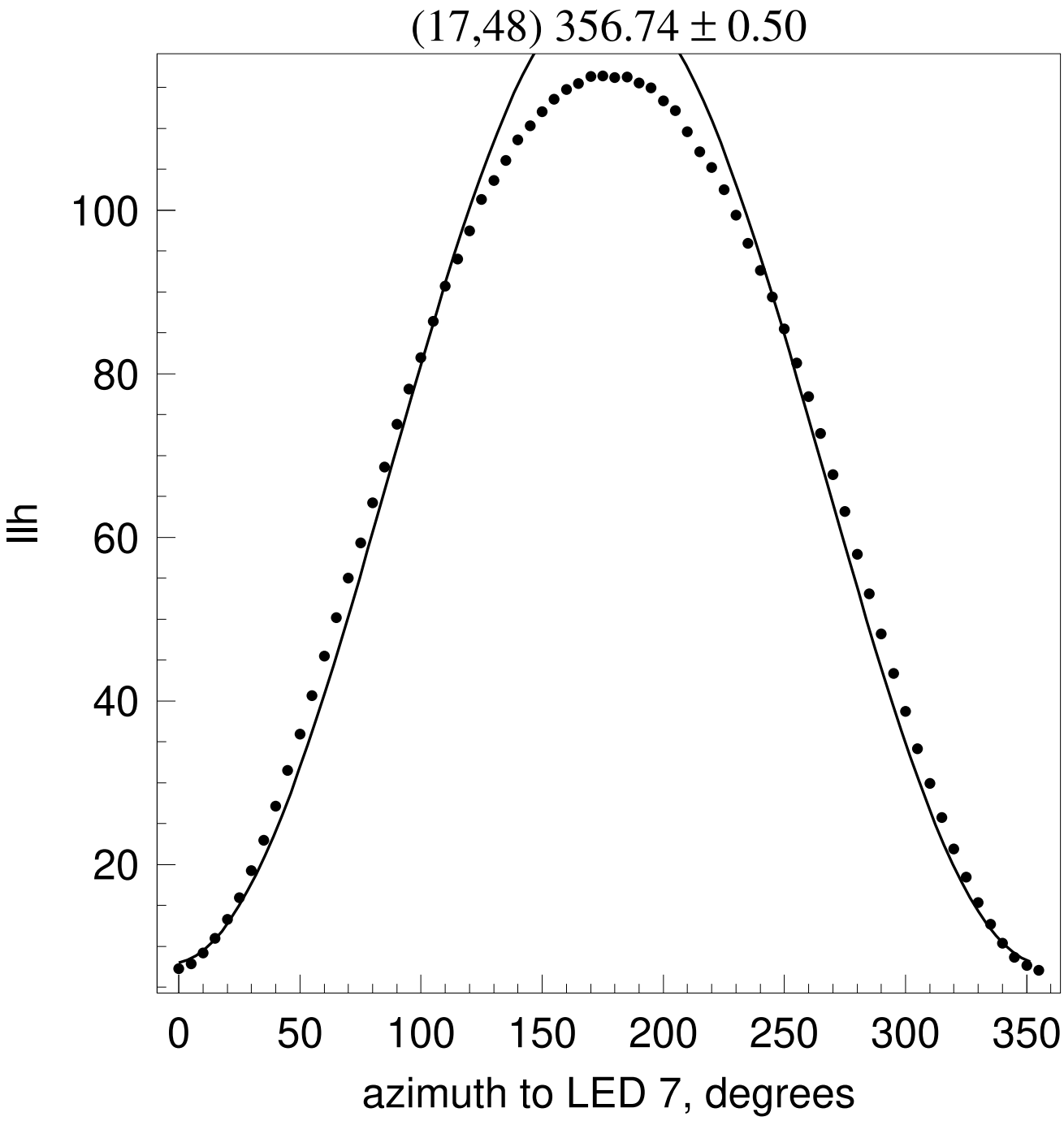

(17,43) 300.37 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

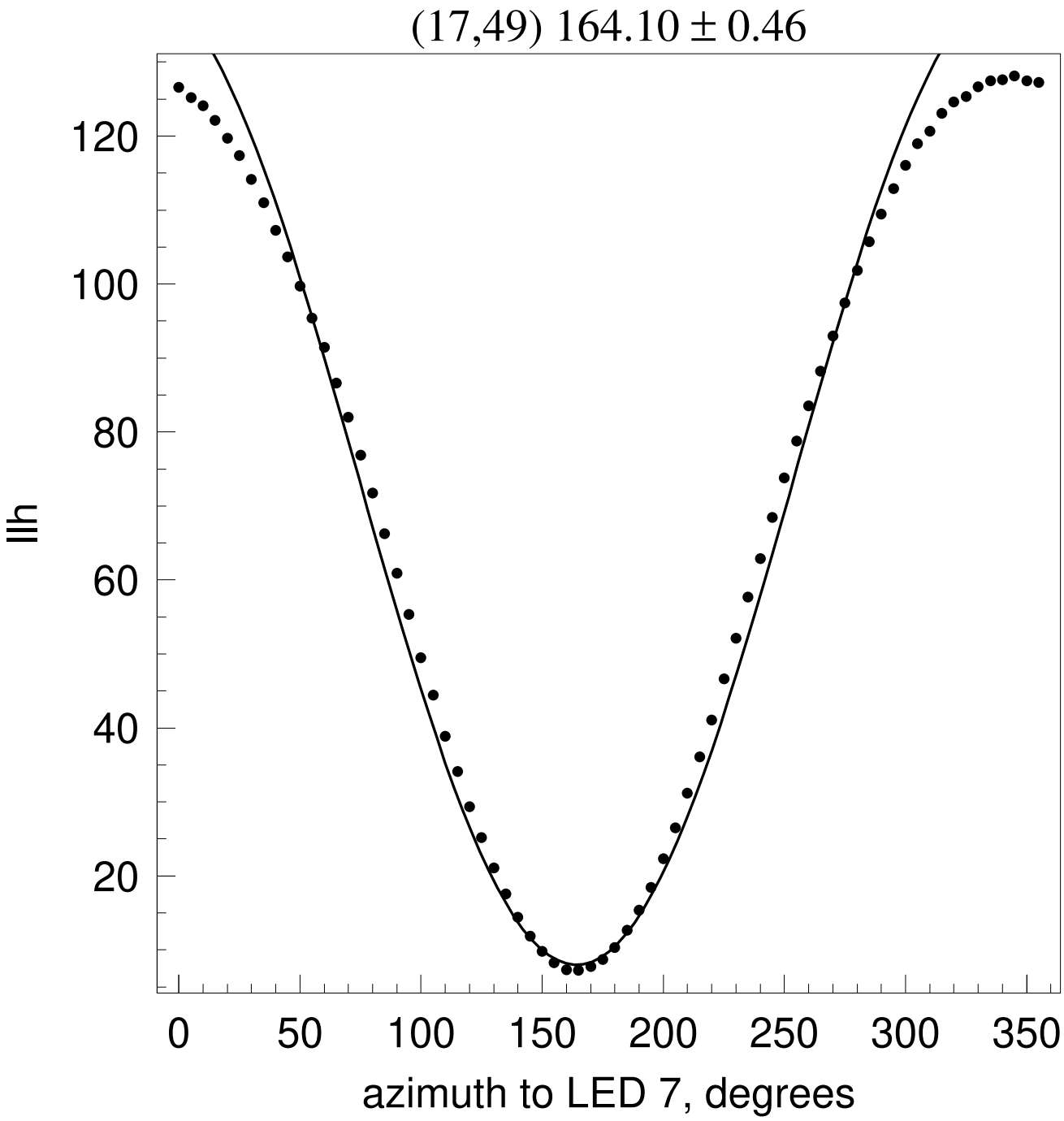

(17,44) 78.40 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

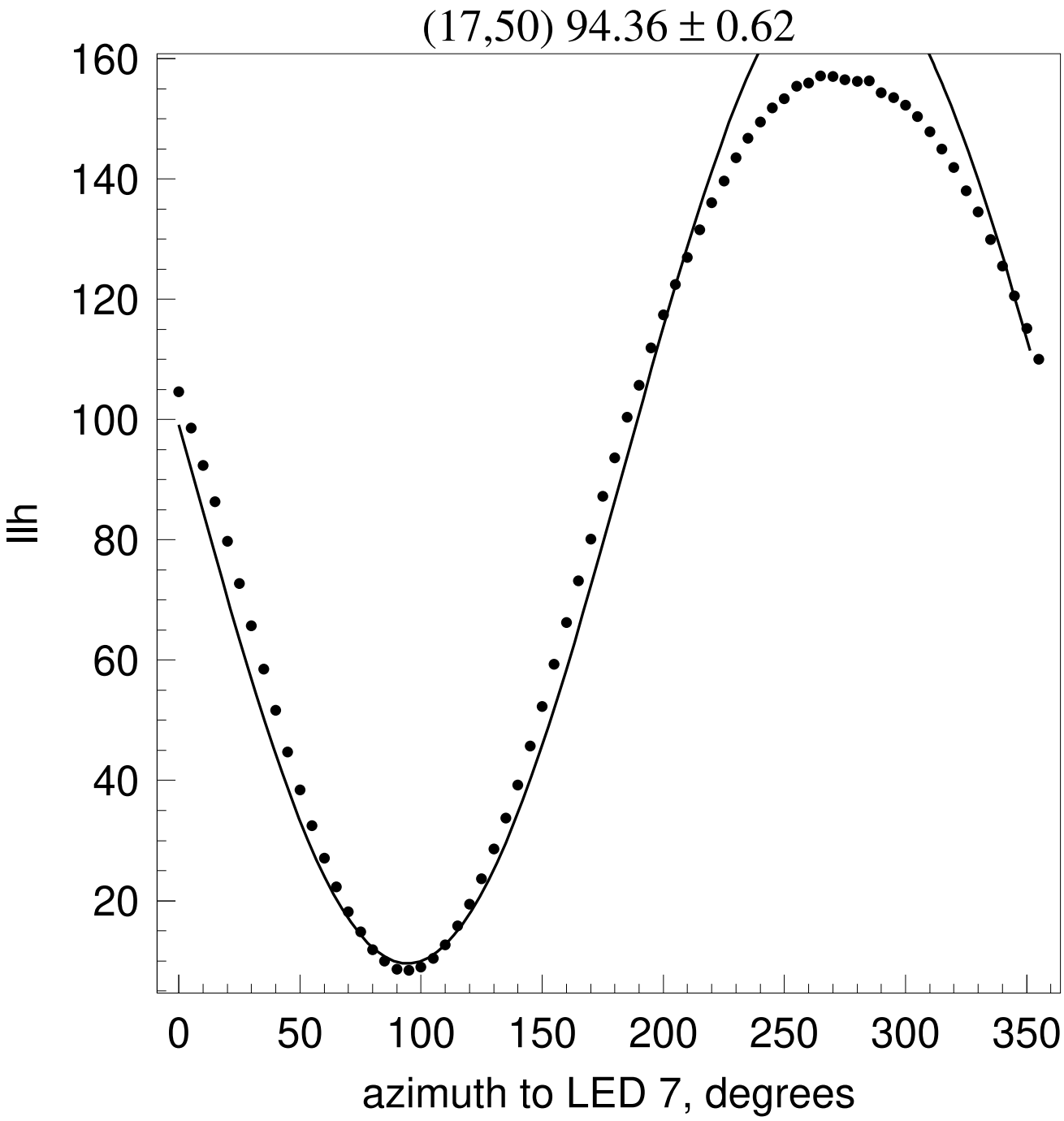

(17,45) 266.73 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

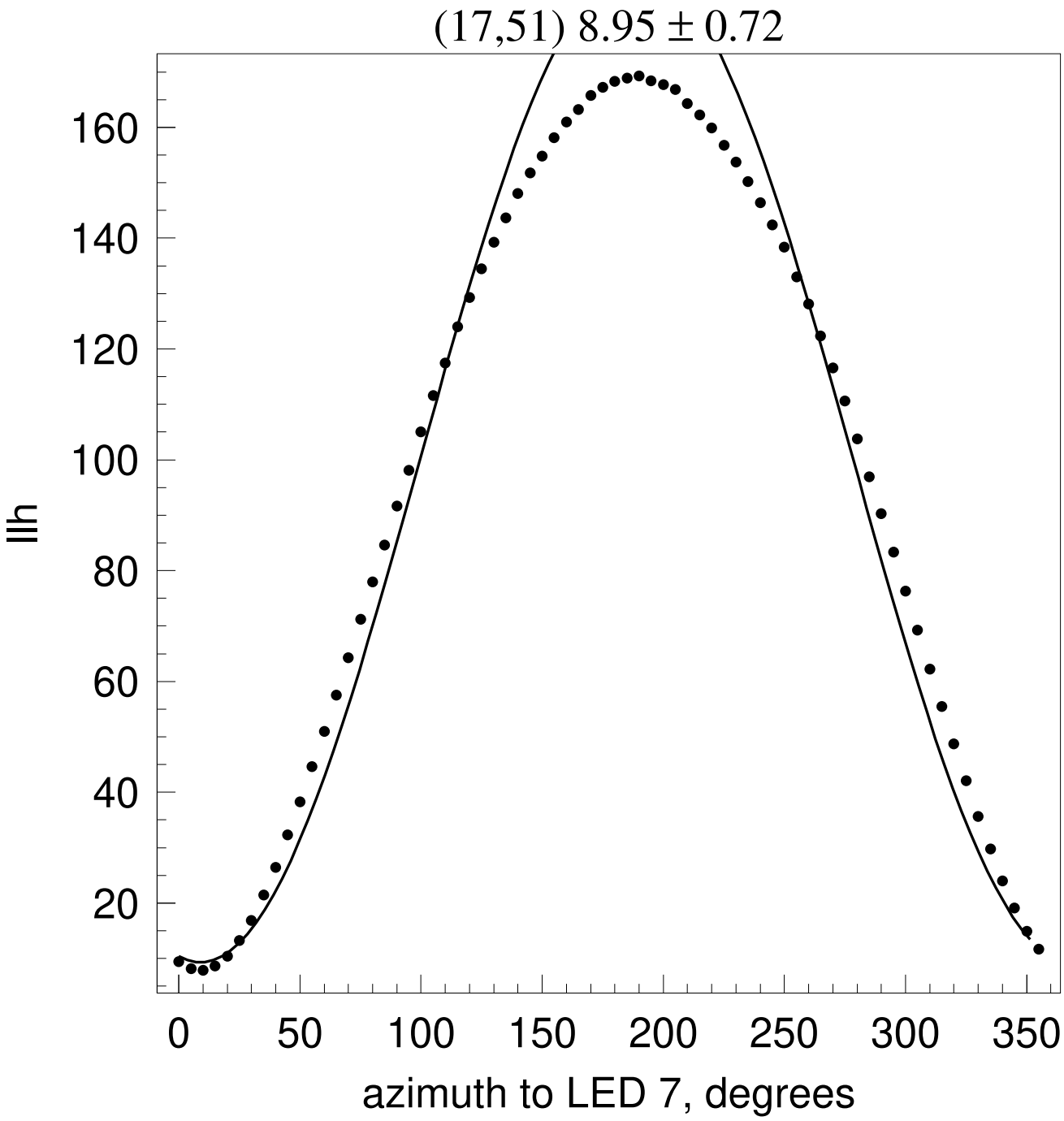

(17,46) 221.10 ± 0.28
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

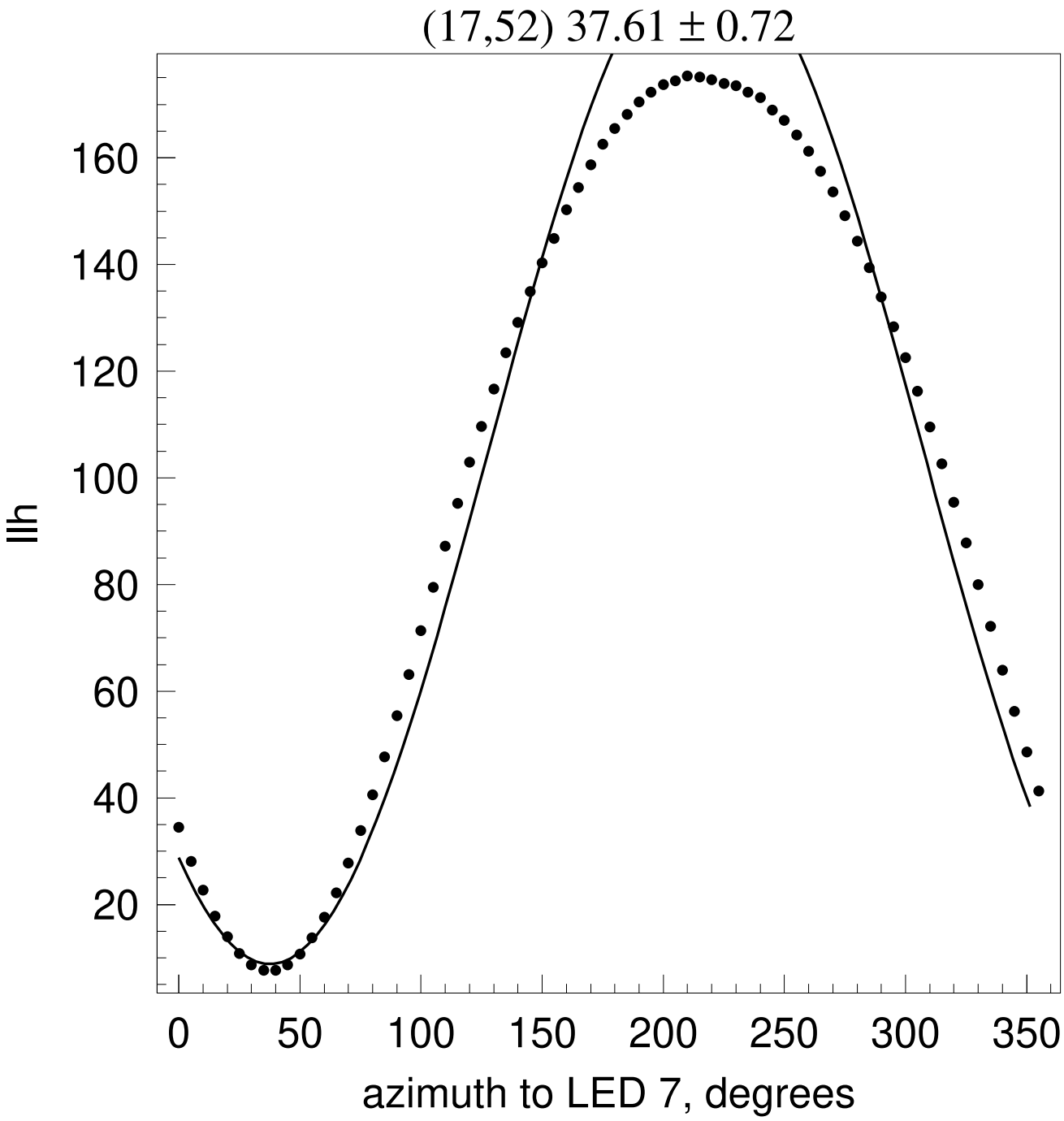

(17,47) 59.14 ± 0.41
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

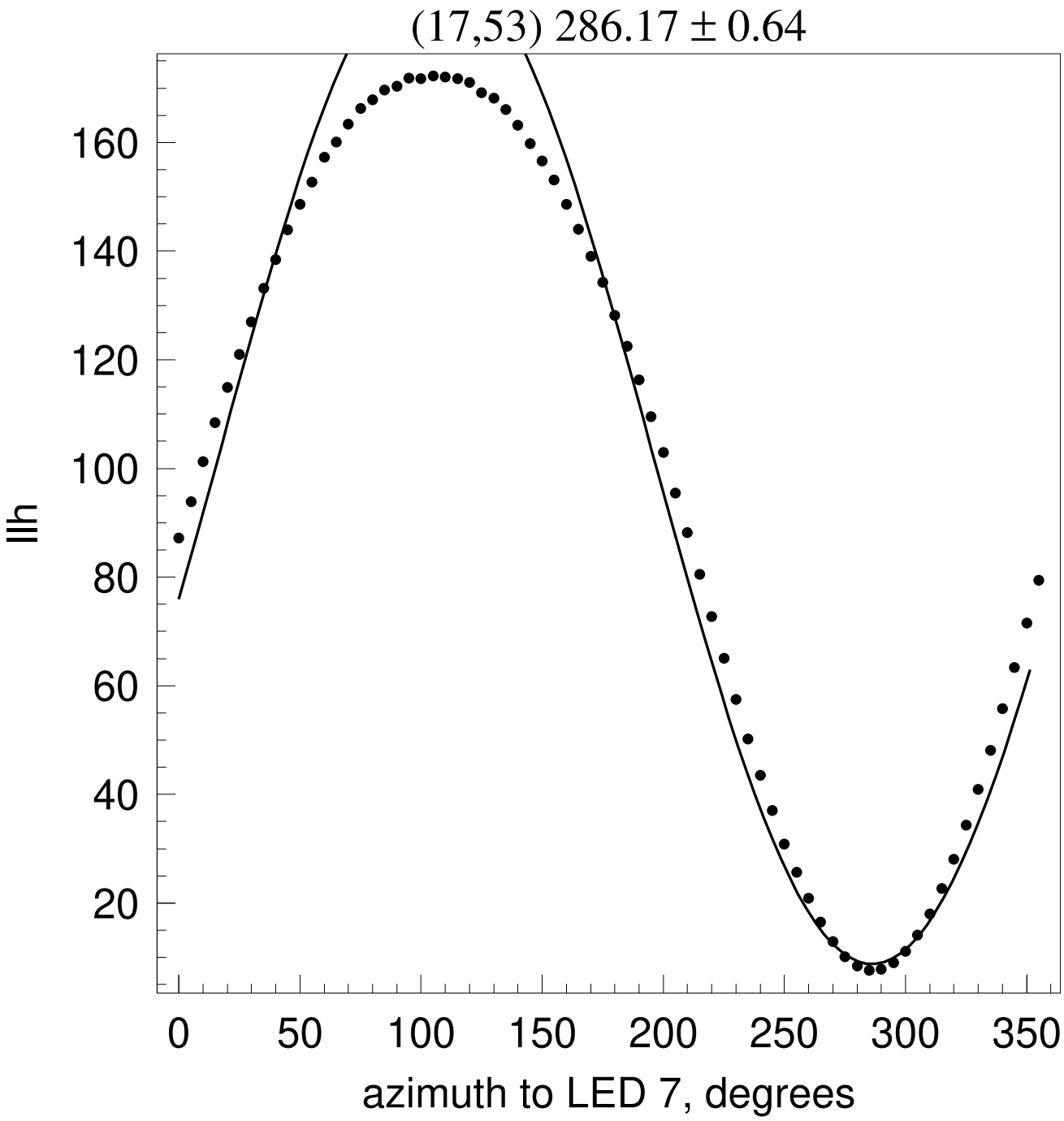

(17,48) 356.74 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

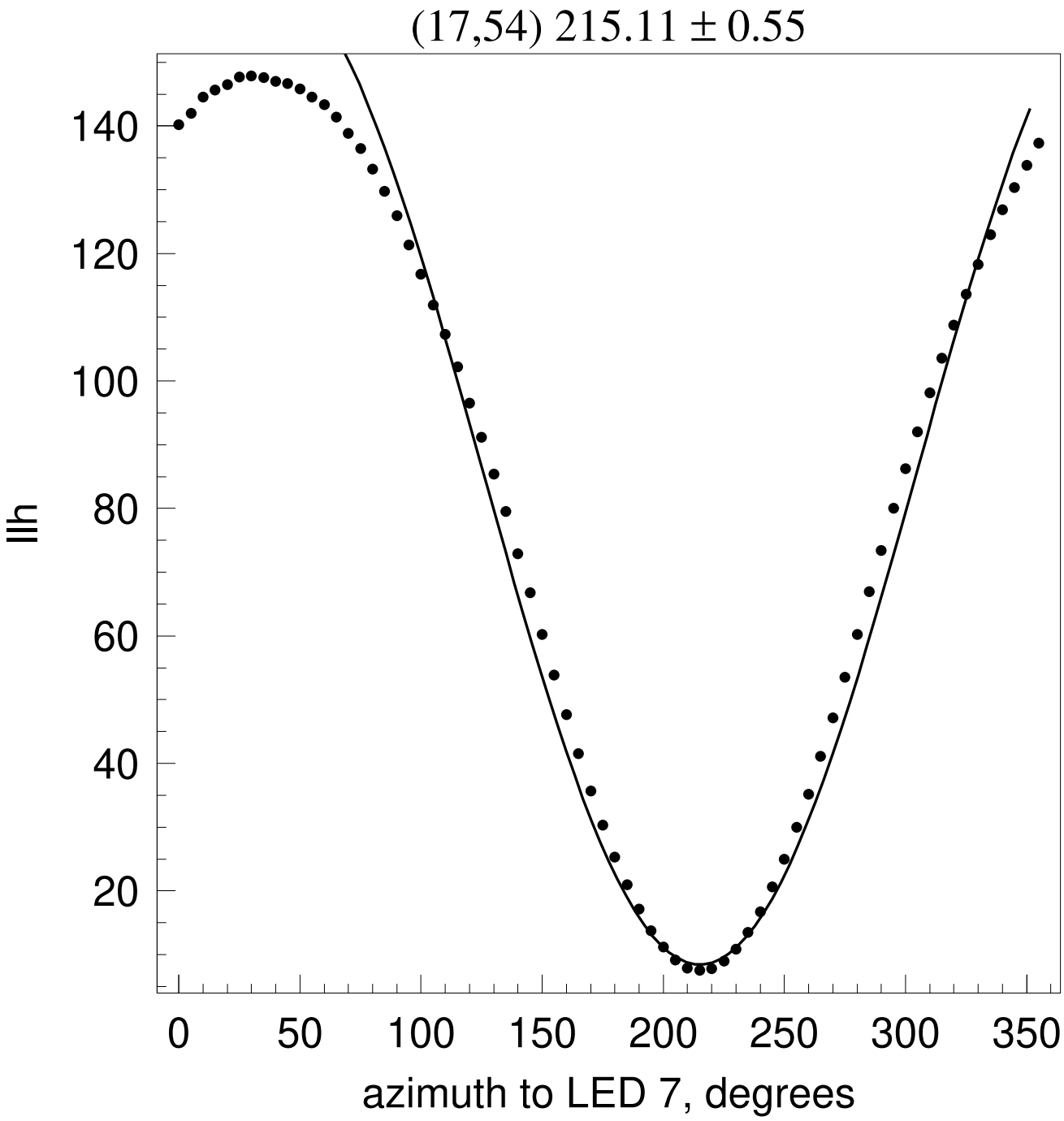

(17,49) 164.10 ± 0.46
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

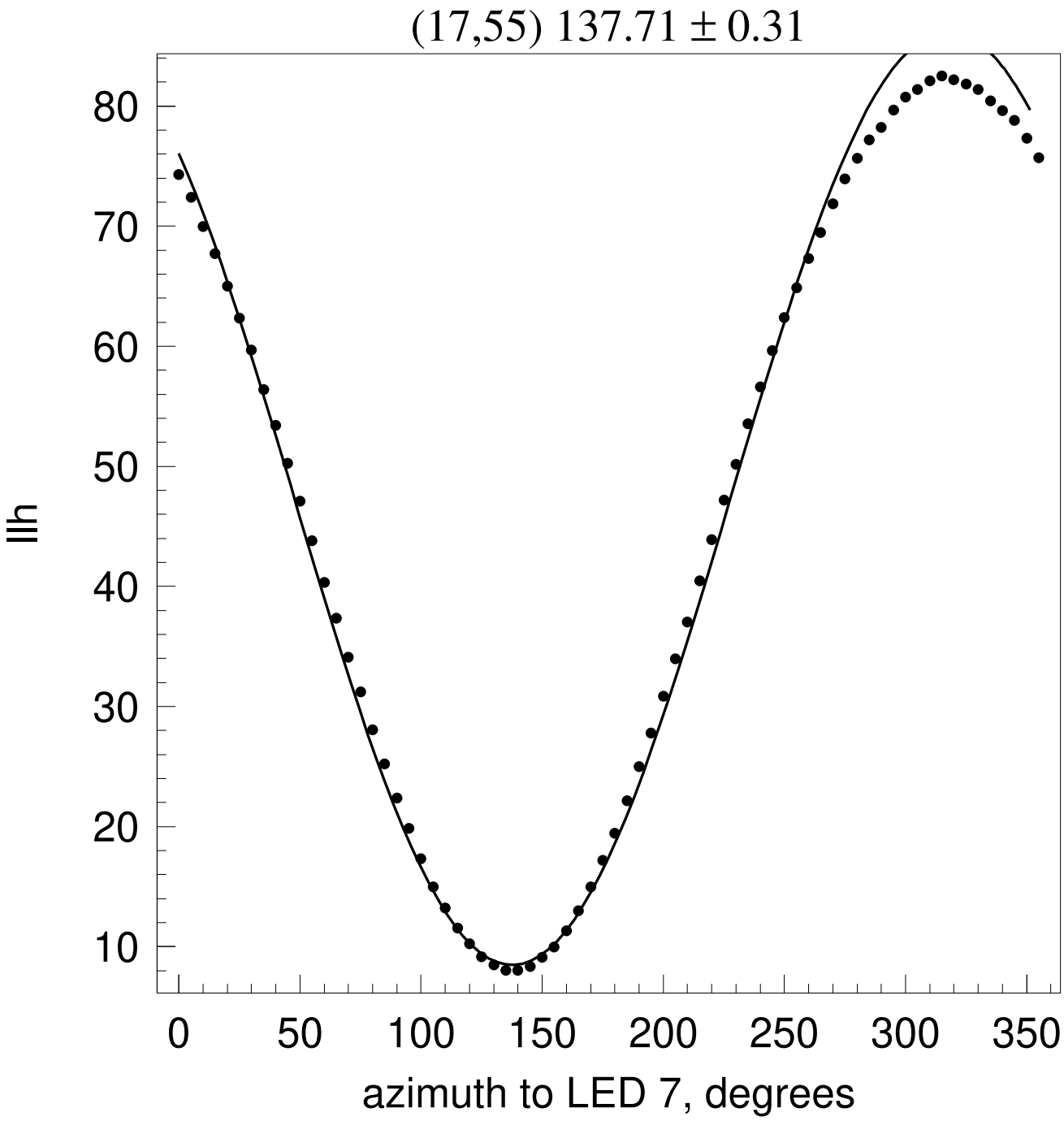

(17,50) 94.36 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

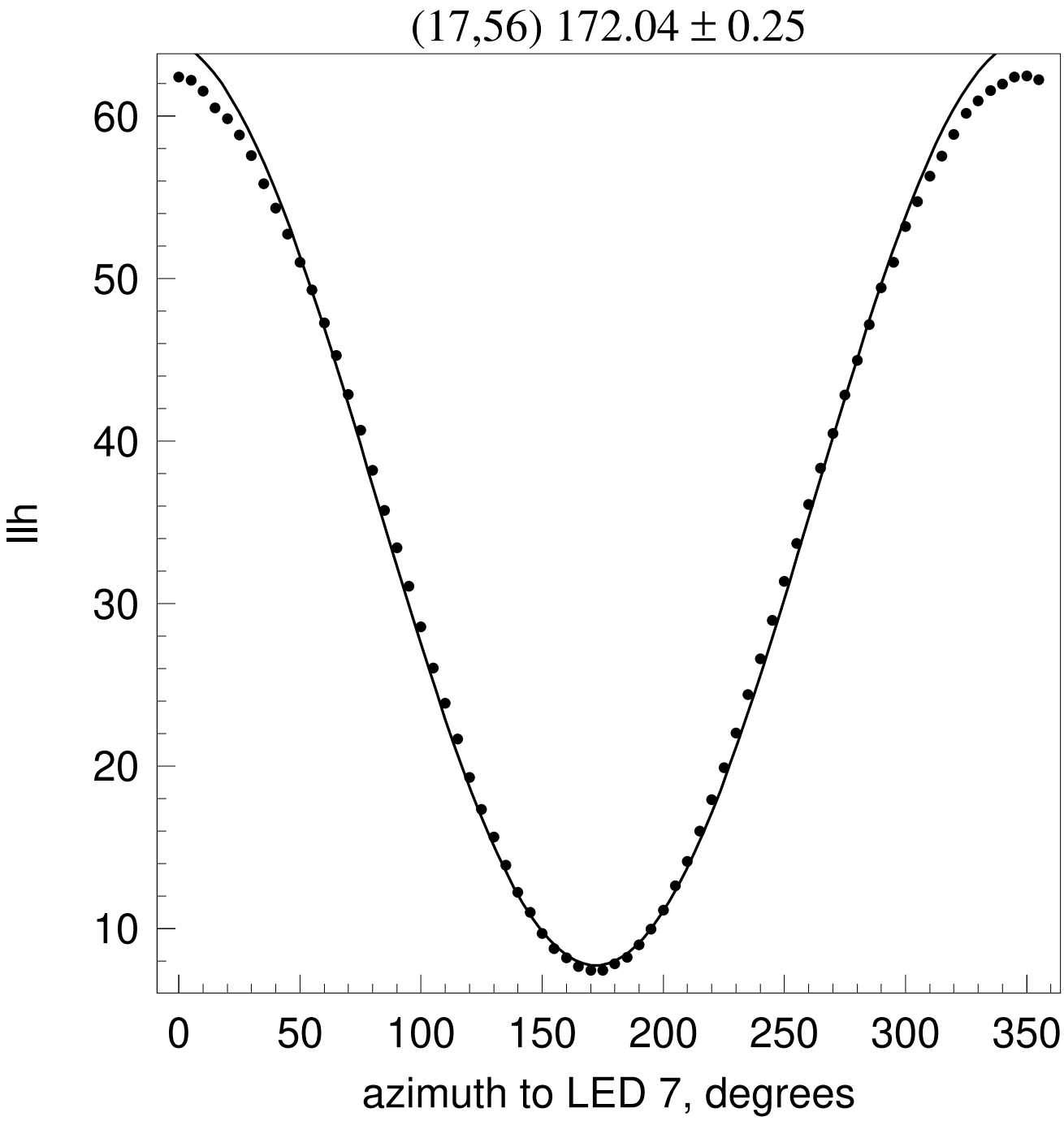

(17,51) 8.95 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

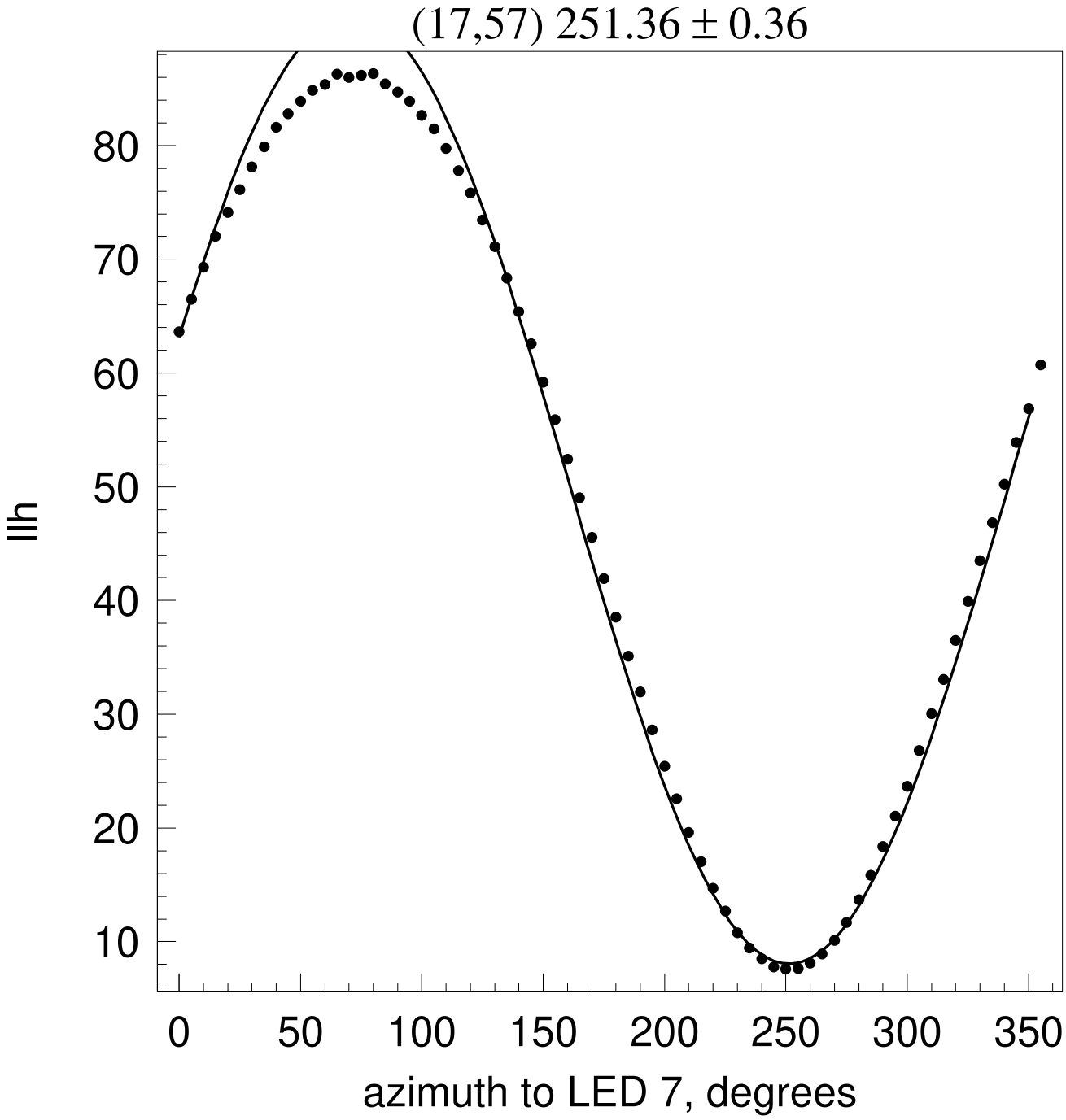

(17,52) 37.61 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

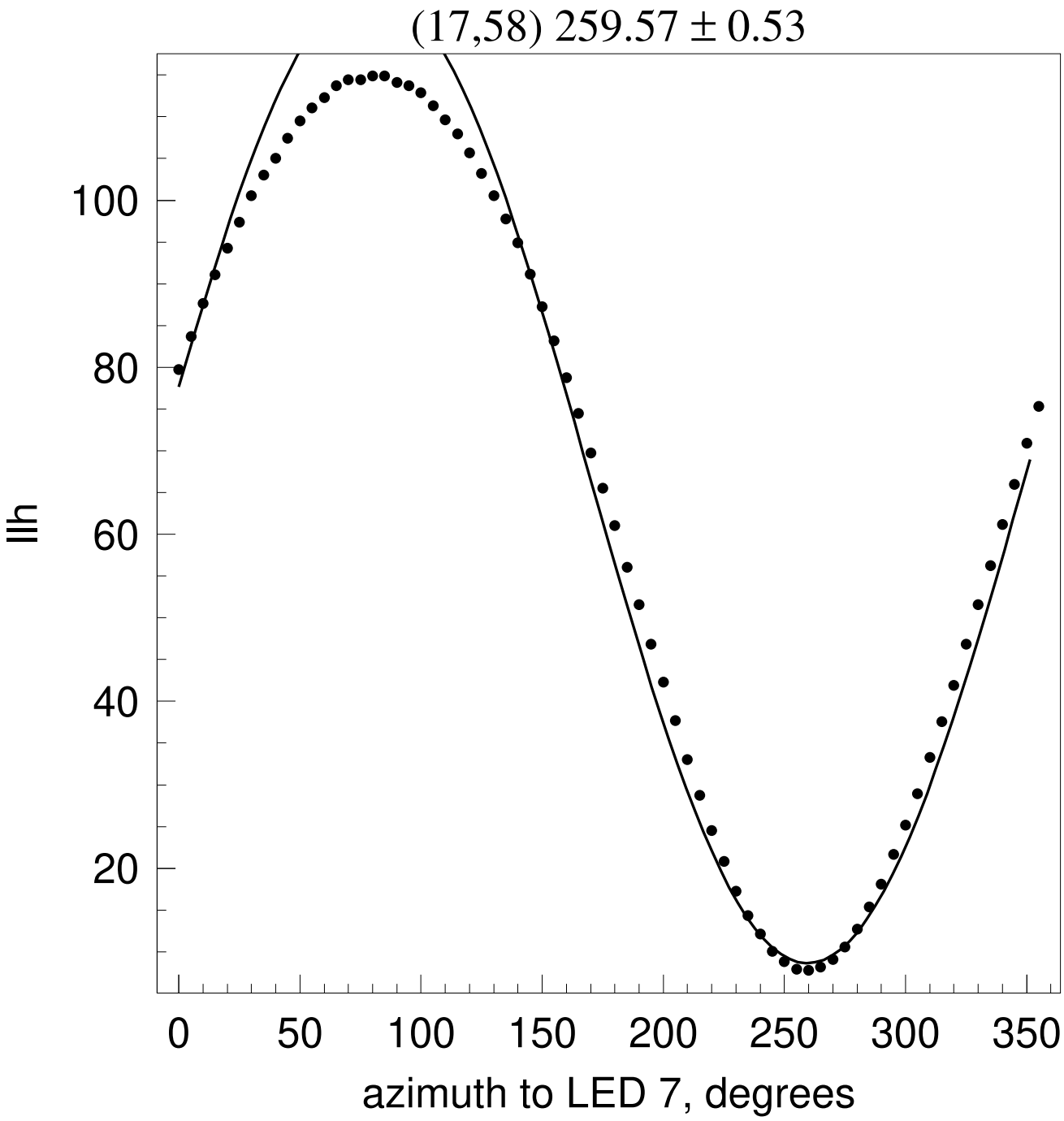

(17,53) 286.17 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

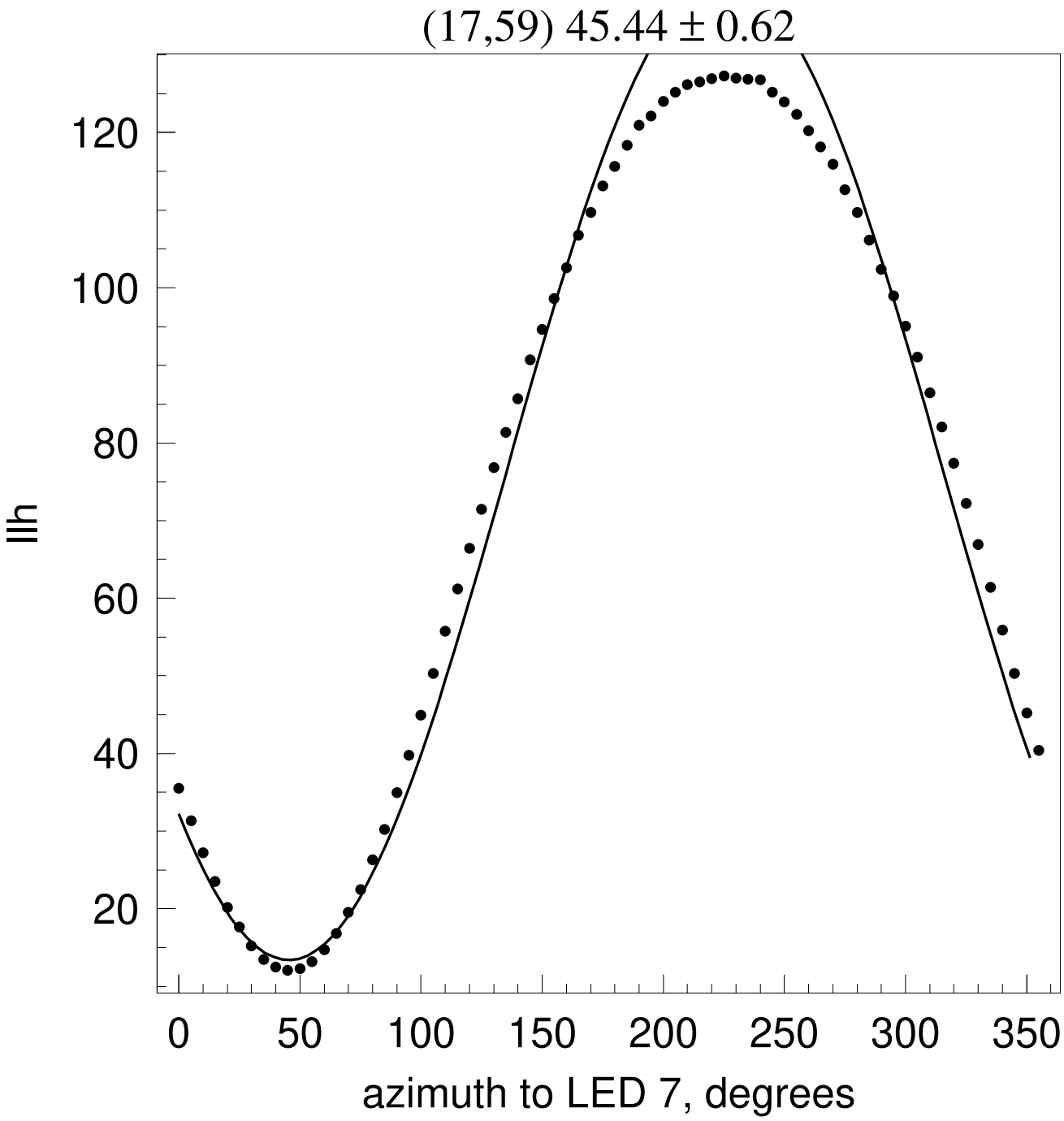

(17,54) 215.11 ± 0.55
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

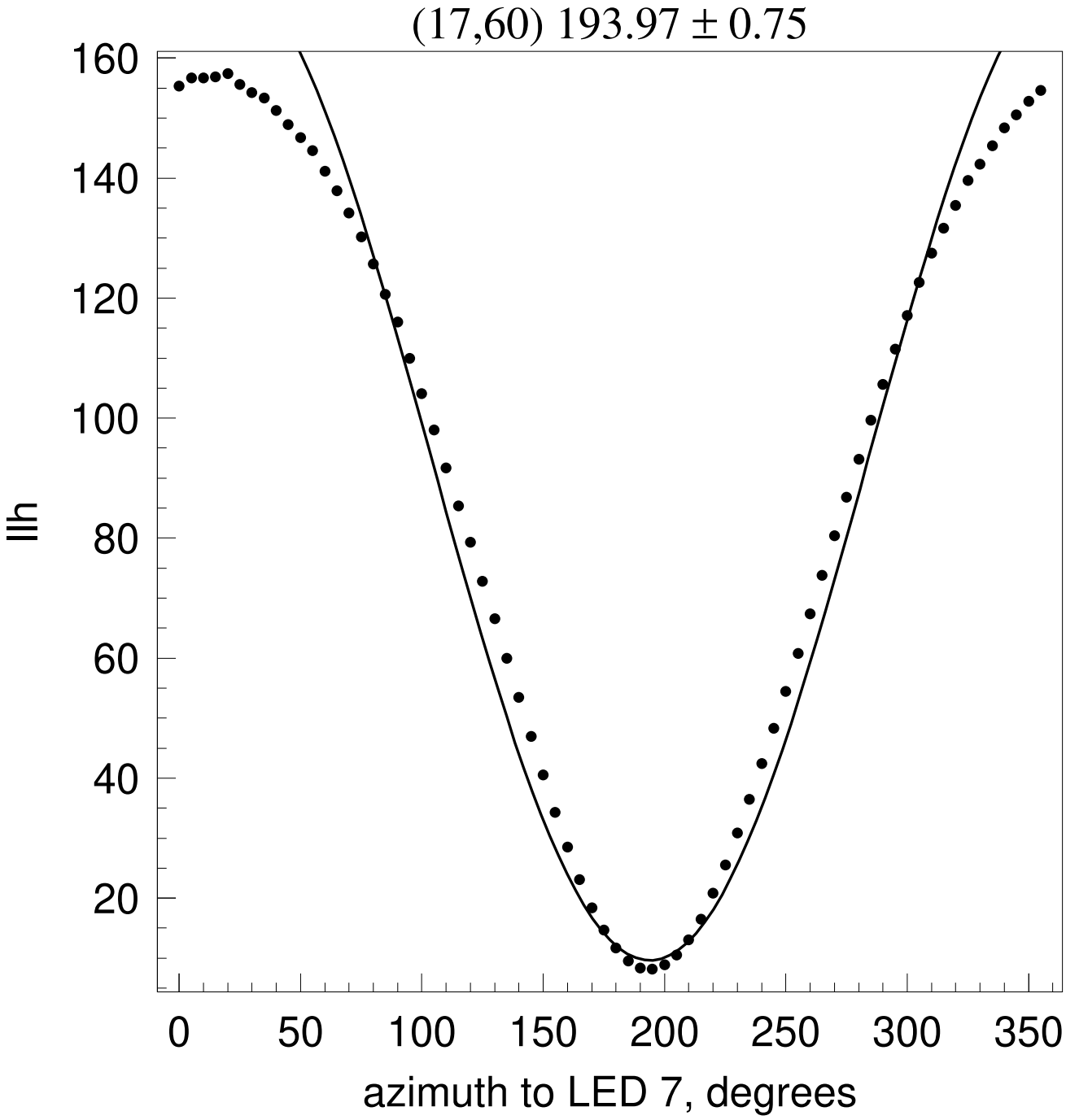

(17,55) 137.71 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

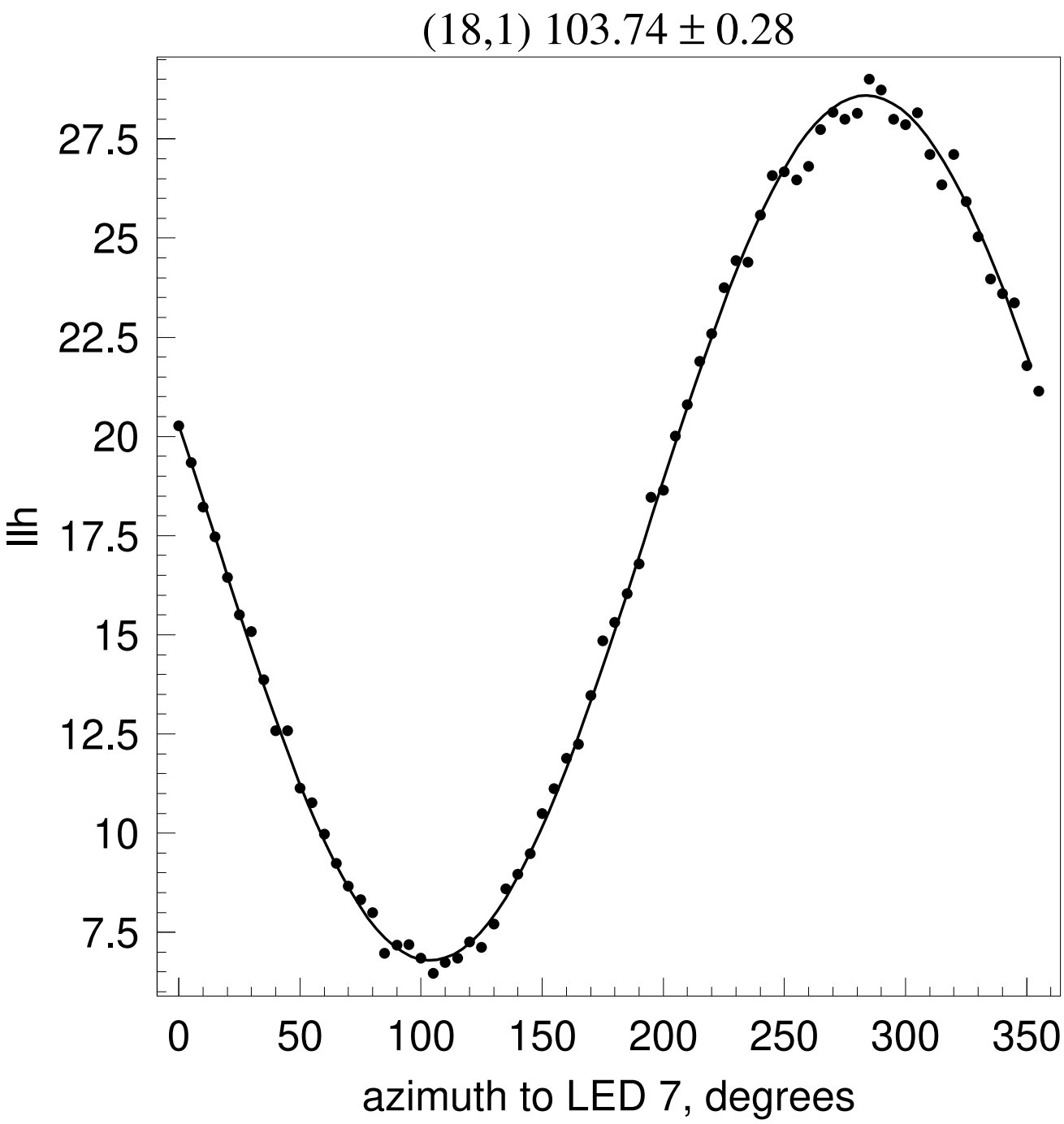

(17,56) 172.04 ± 0.25
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

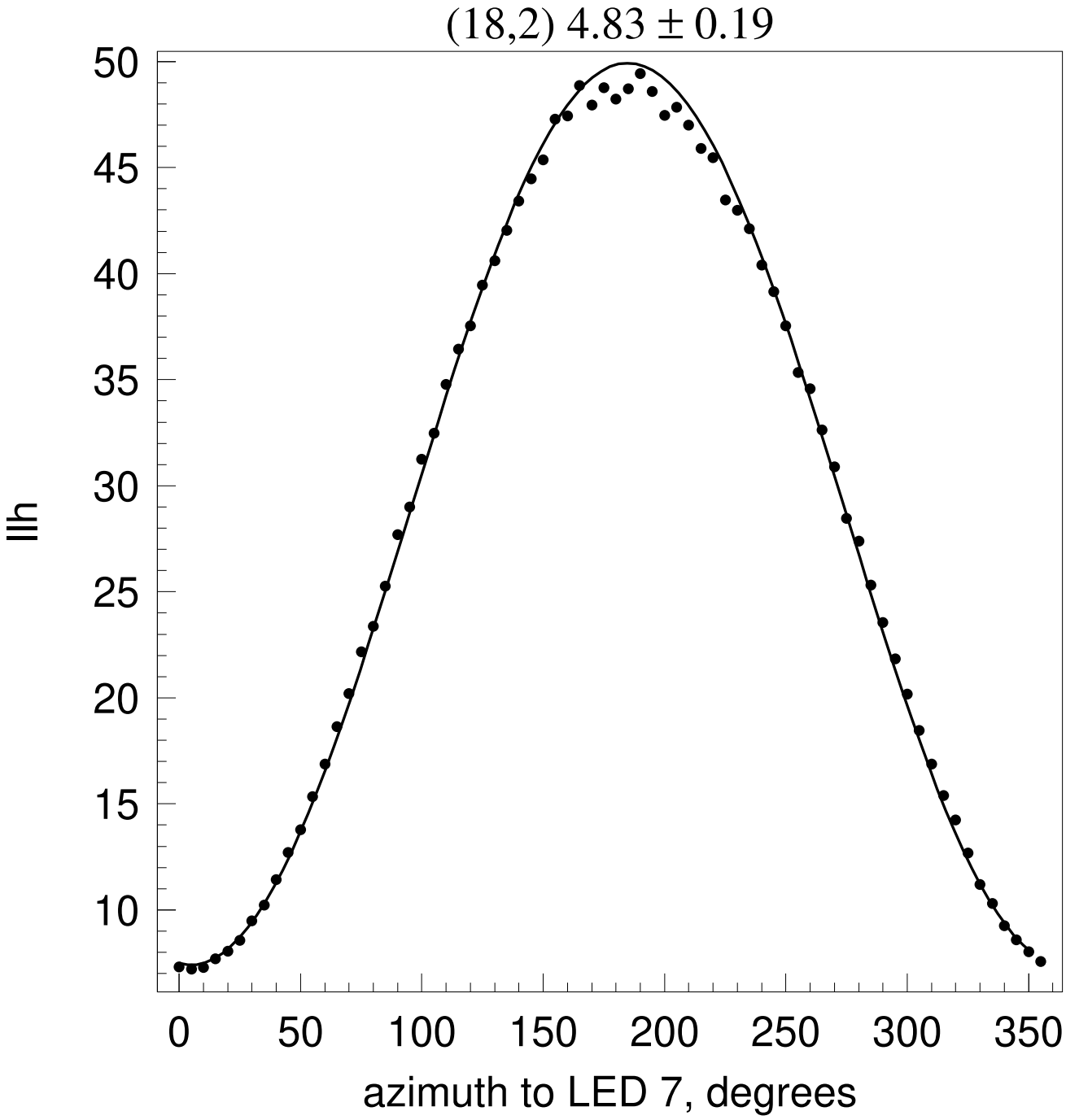

(17,57) 251.36 ± 0.36
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

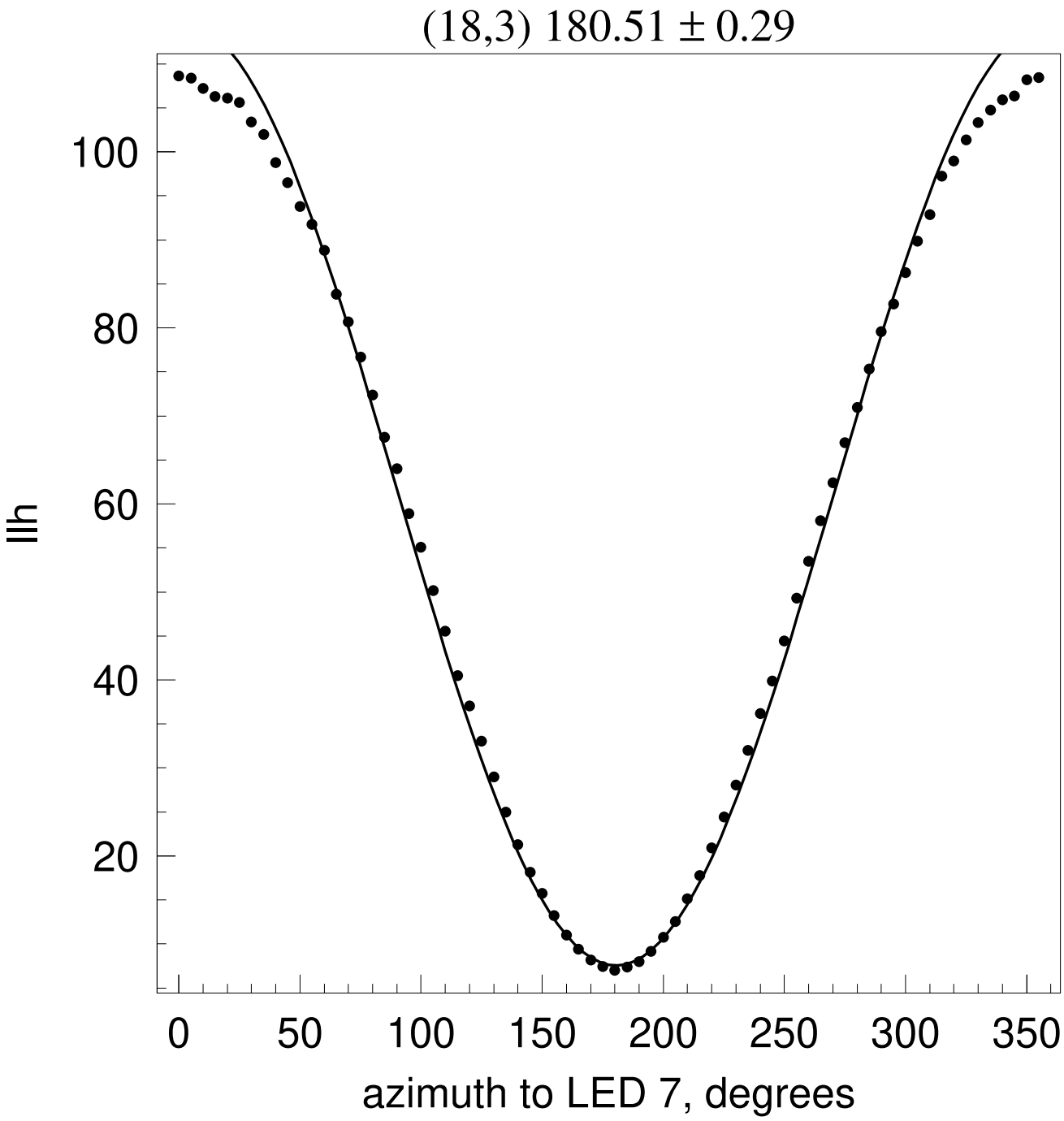

(17,58) 259.57 ± 0.53
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

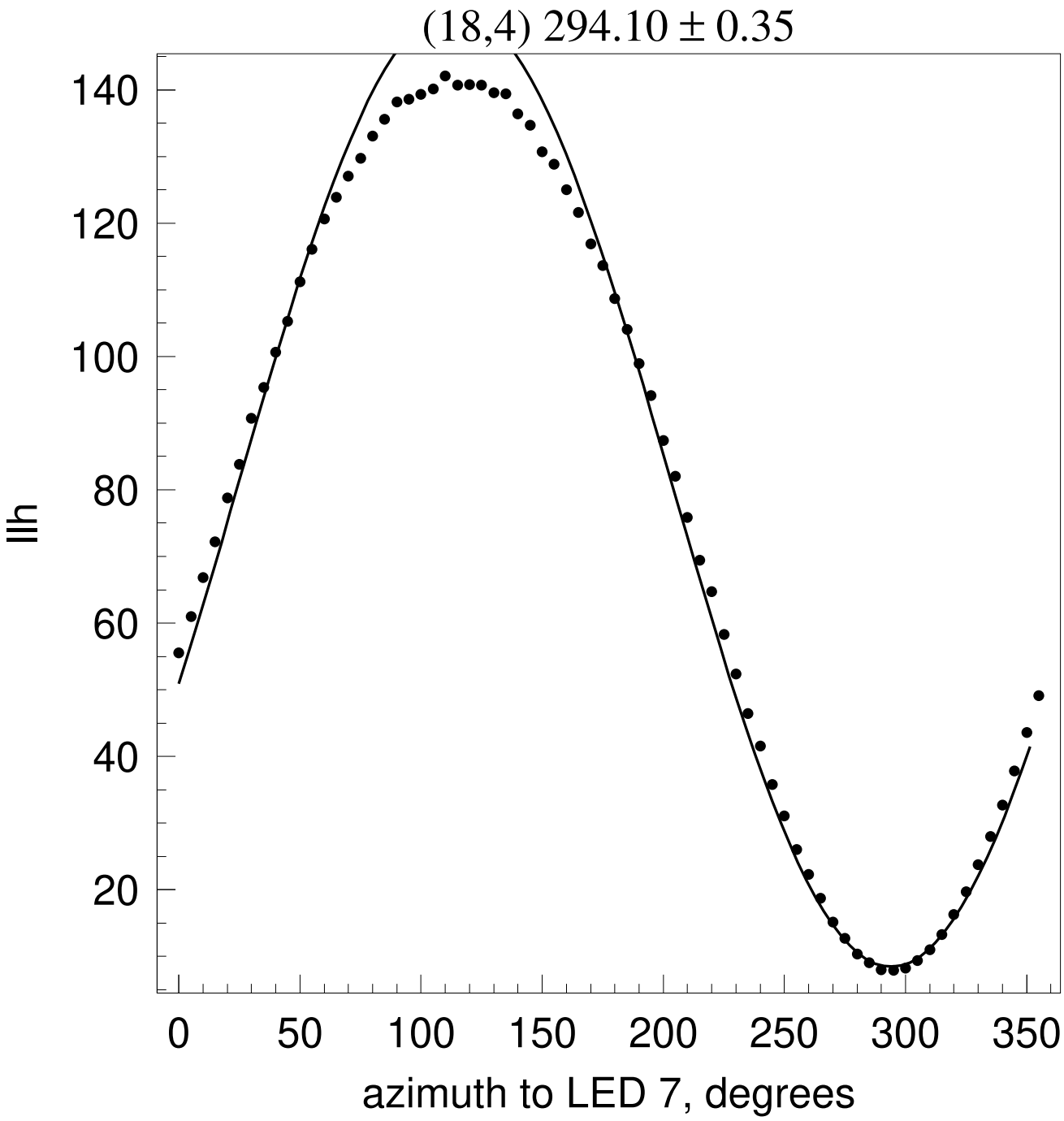

(17,59) 45.44 ± 0.62
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

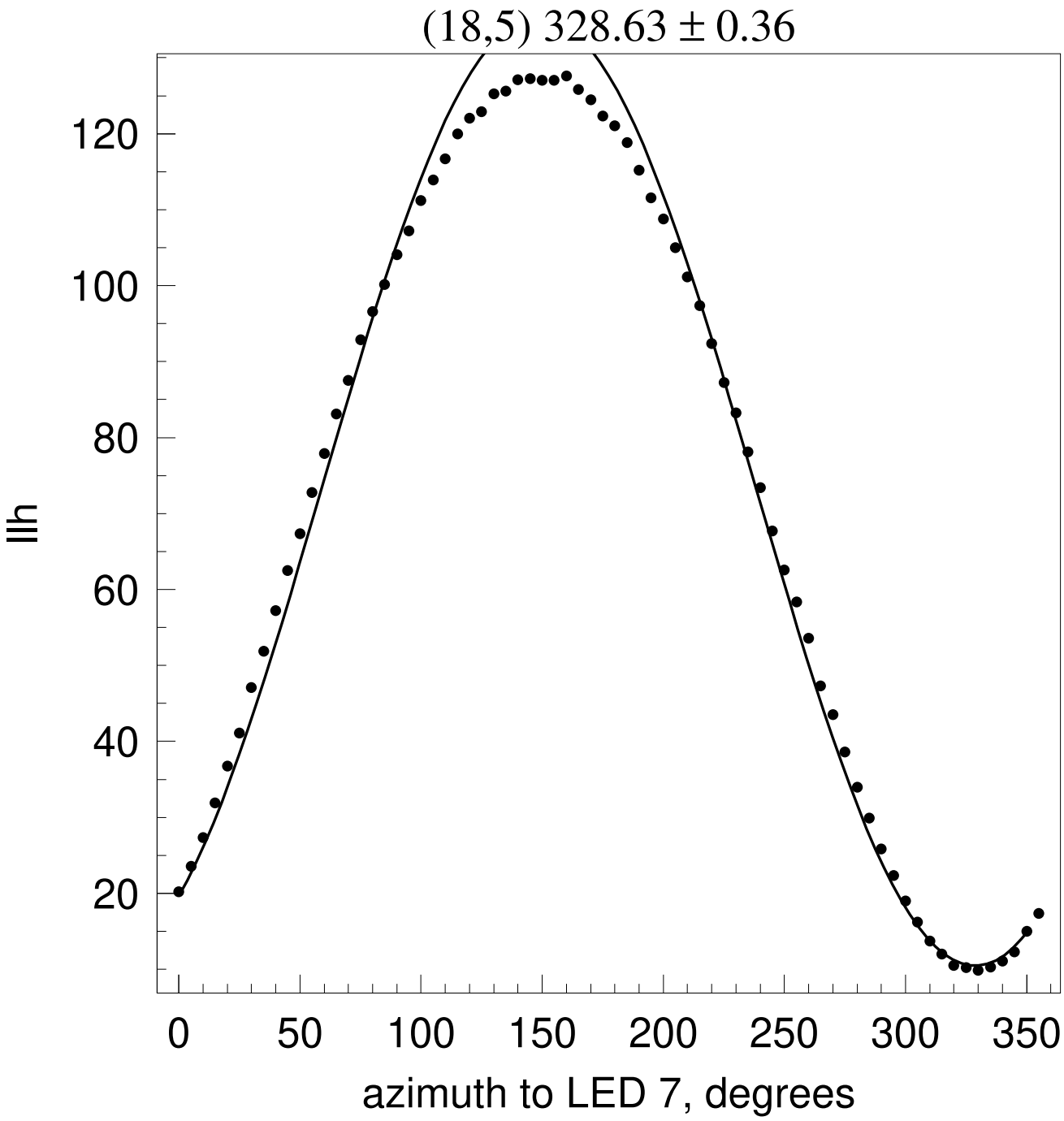

(17,60) 193.97 ± 0.75
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

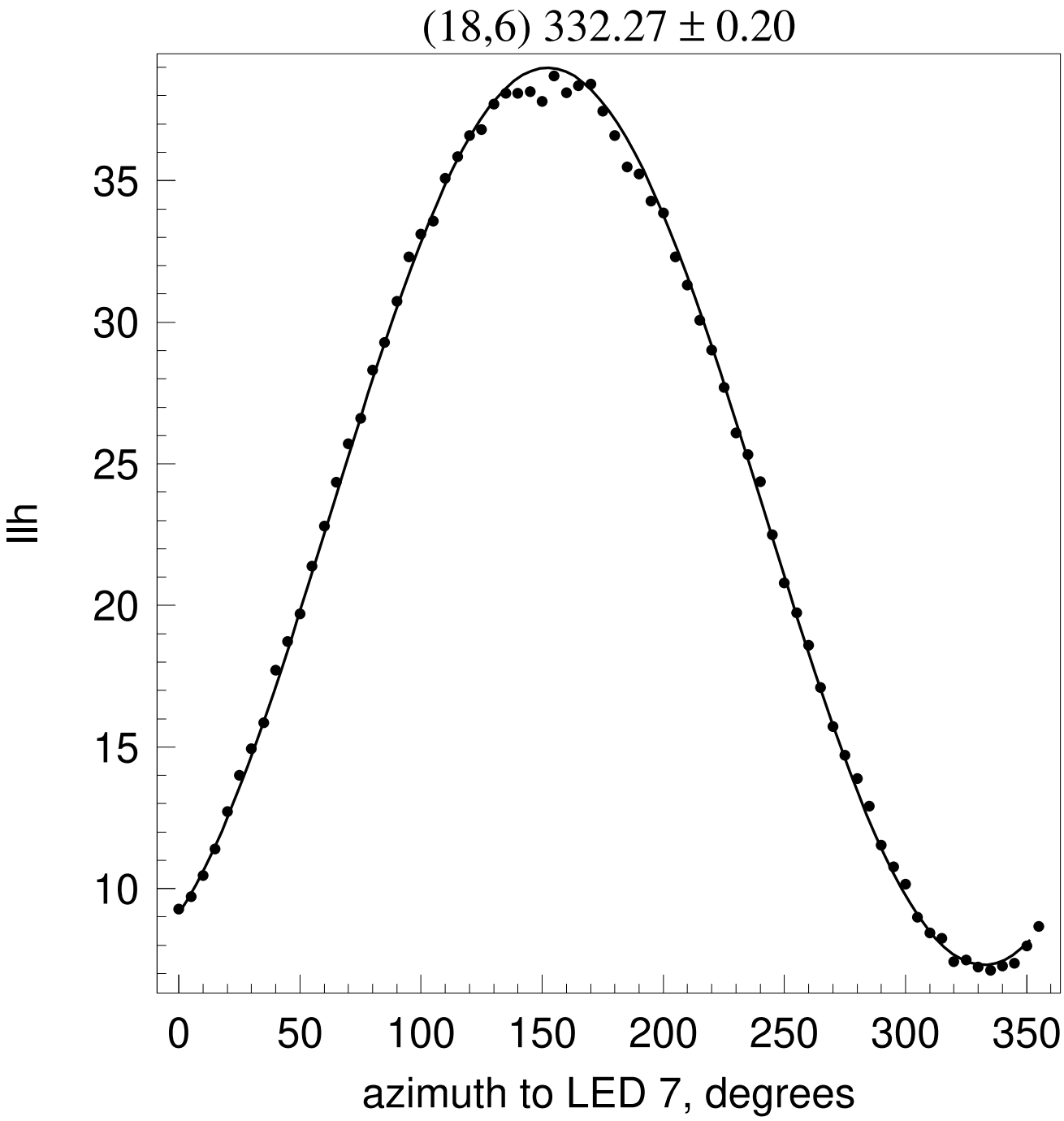

(18,1) 103.74 ± 0.28
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

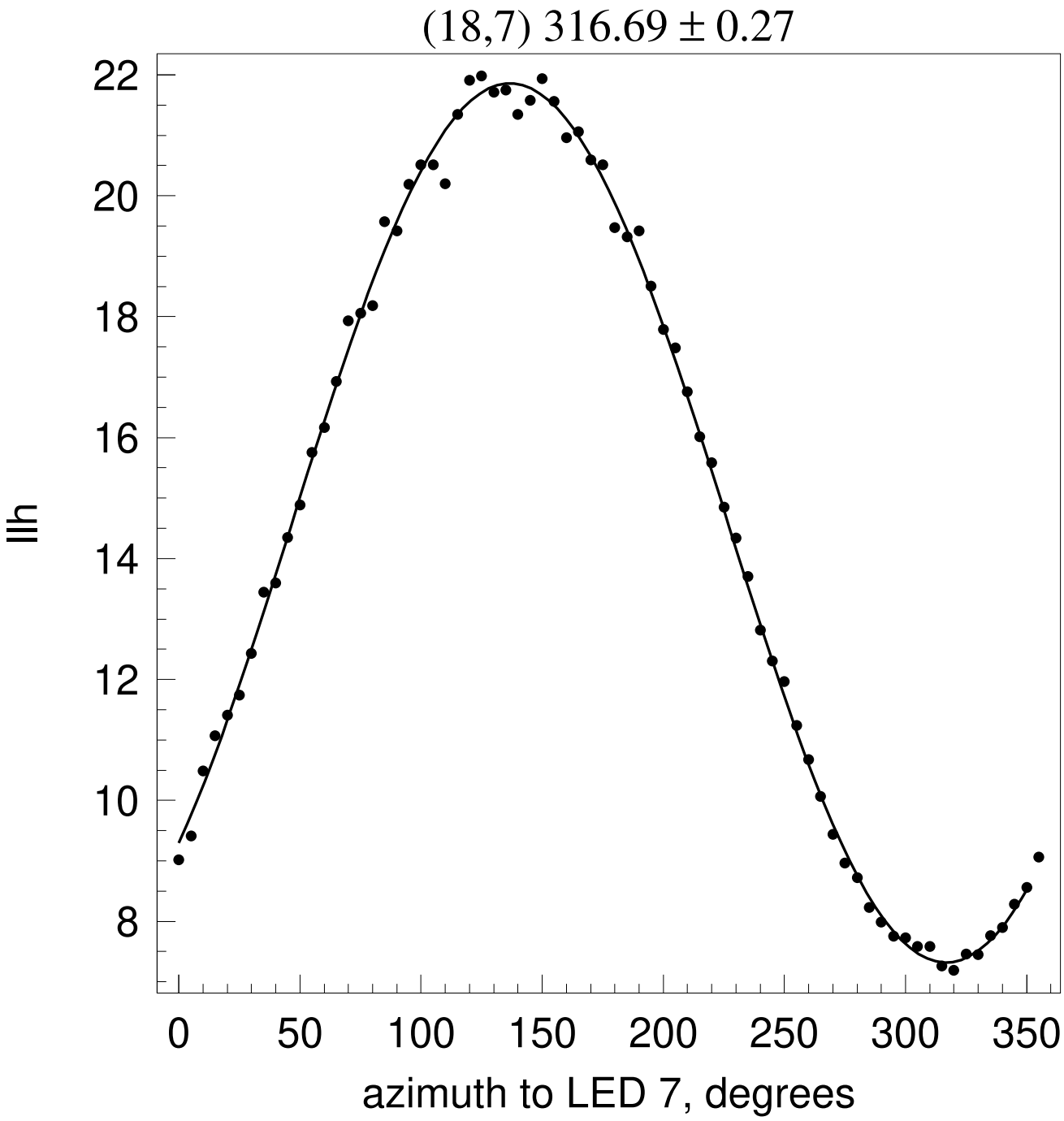

(18,2) 4.83 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

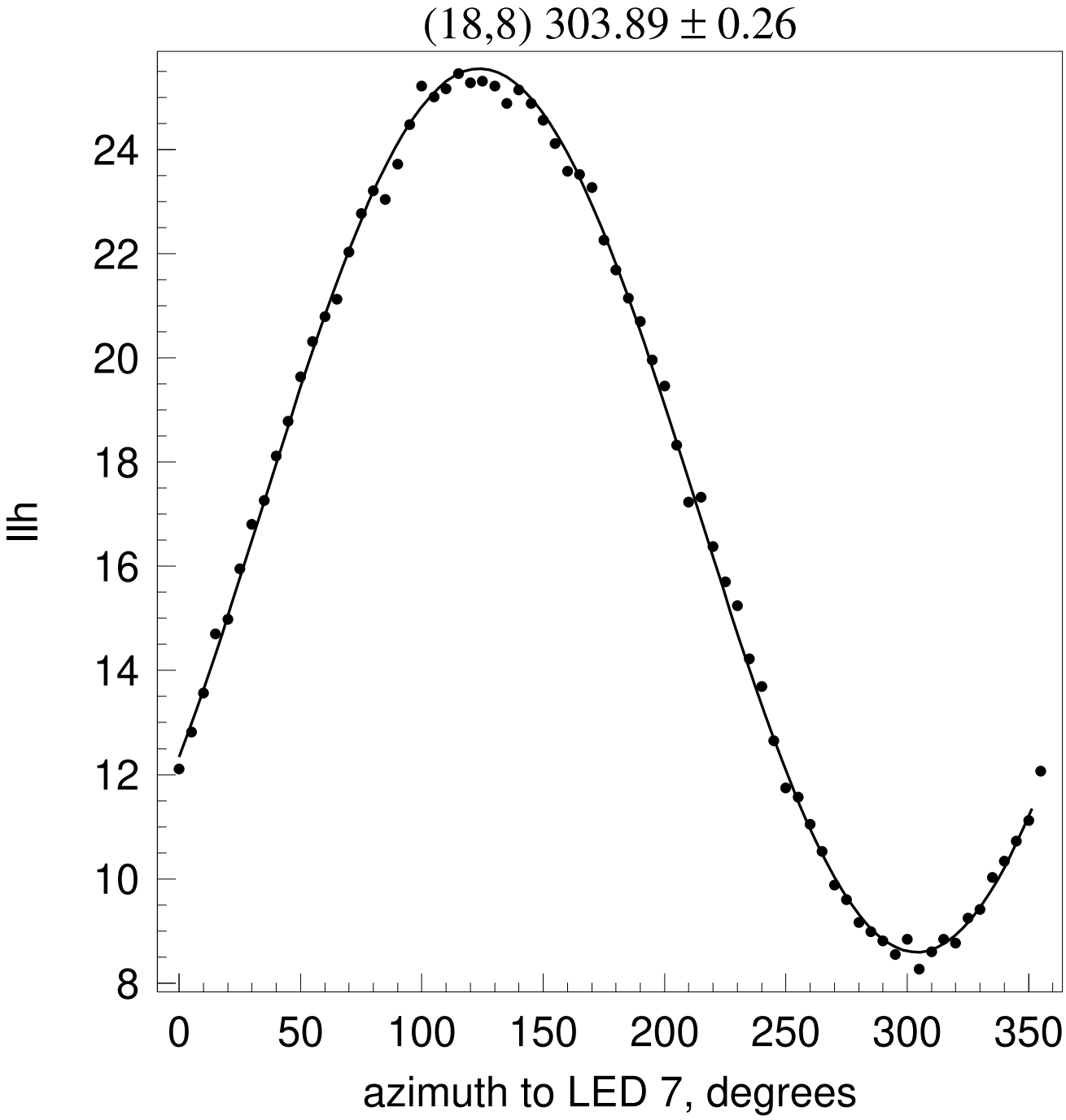

(18,3) 180.51 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

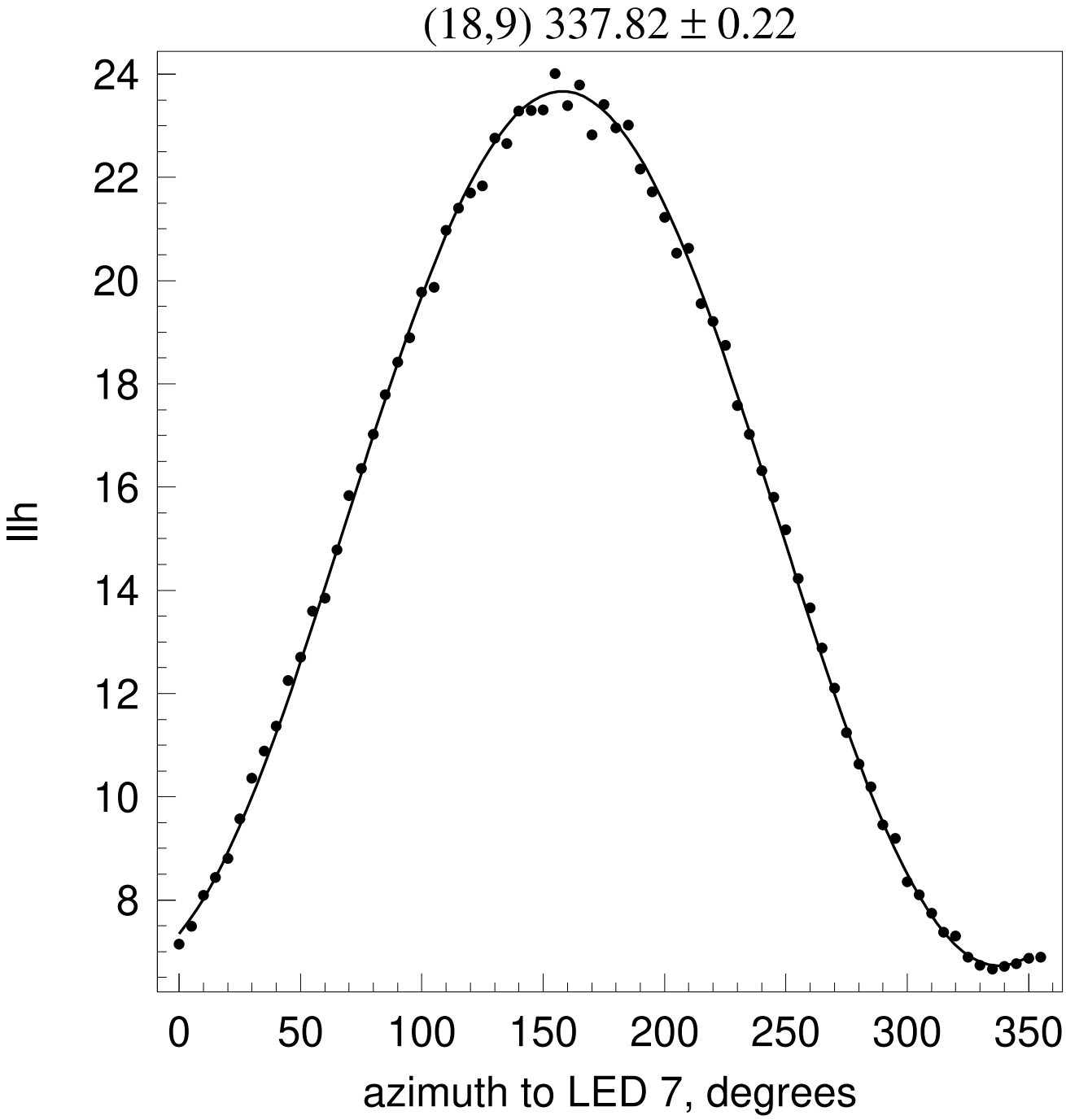

(18,4) 294.10 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

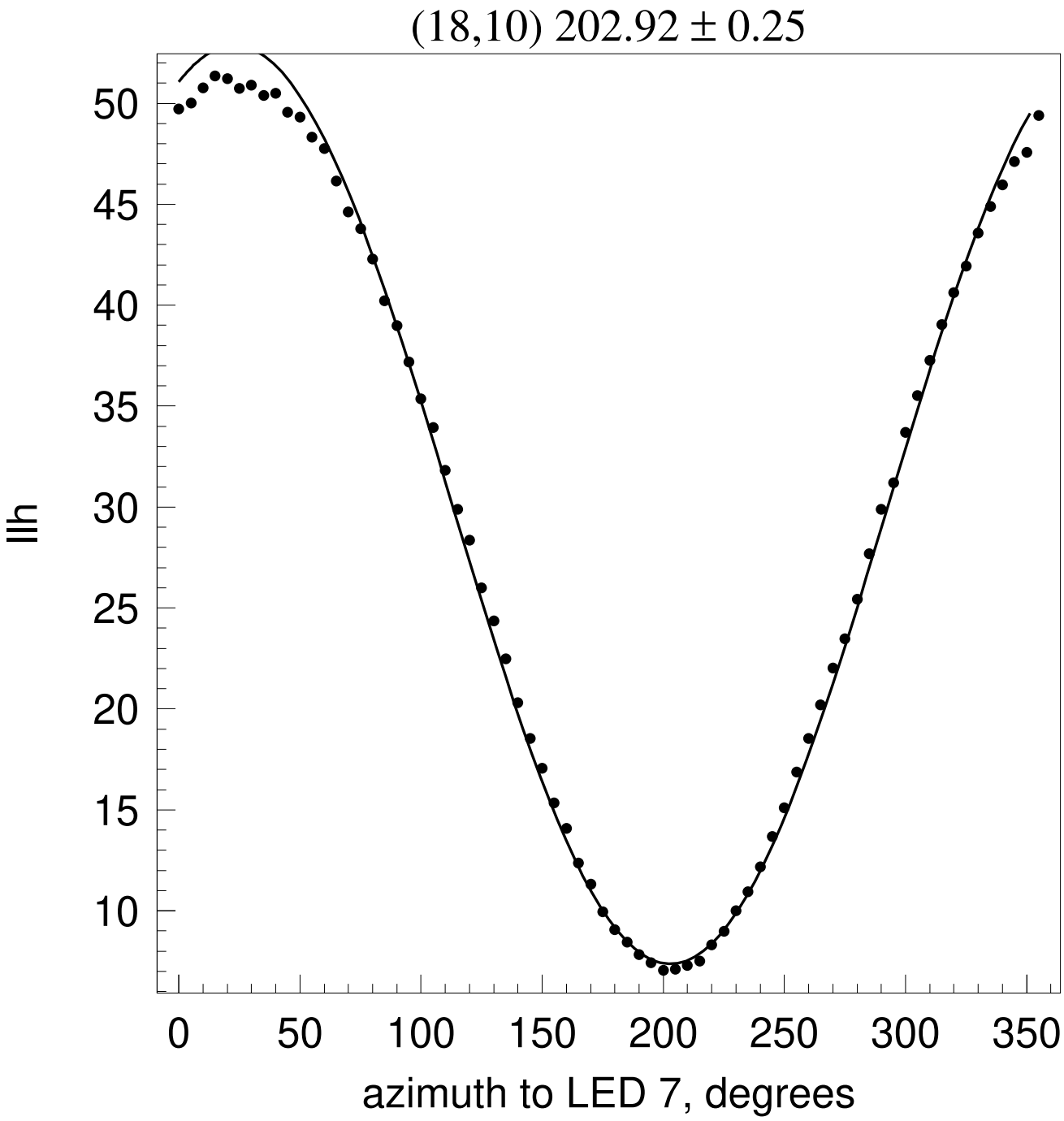

(18,5) 328.63 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

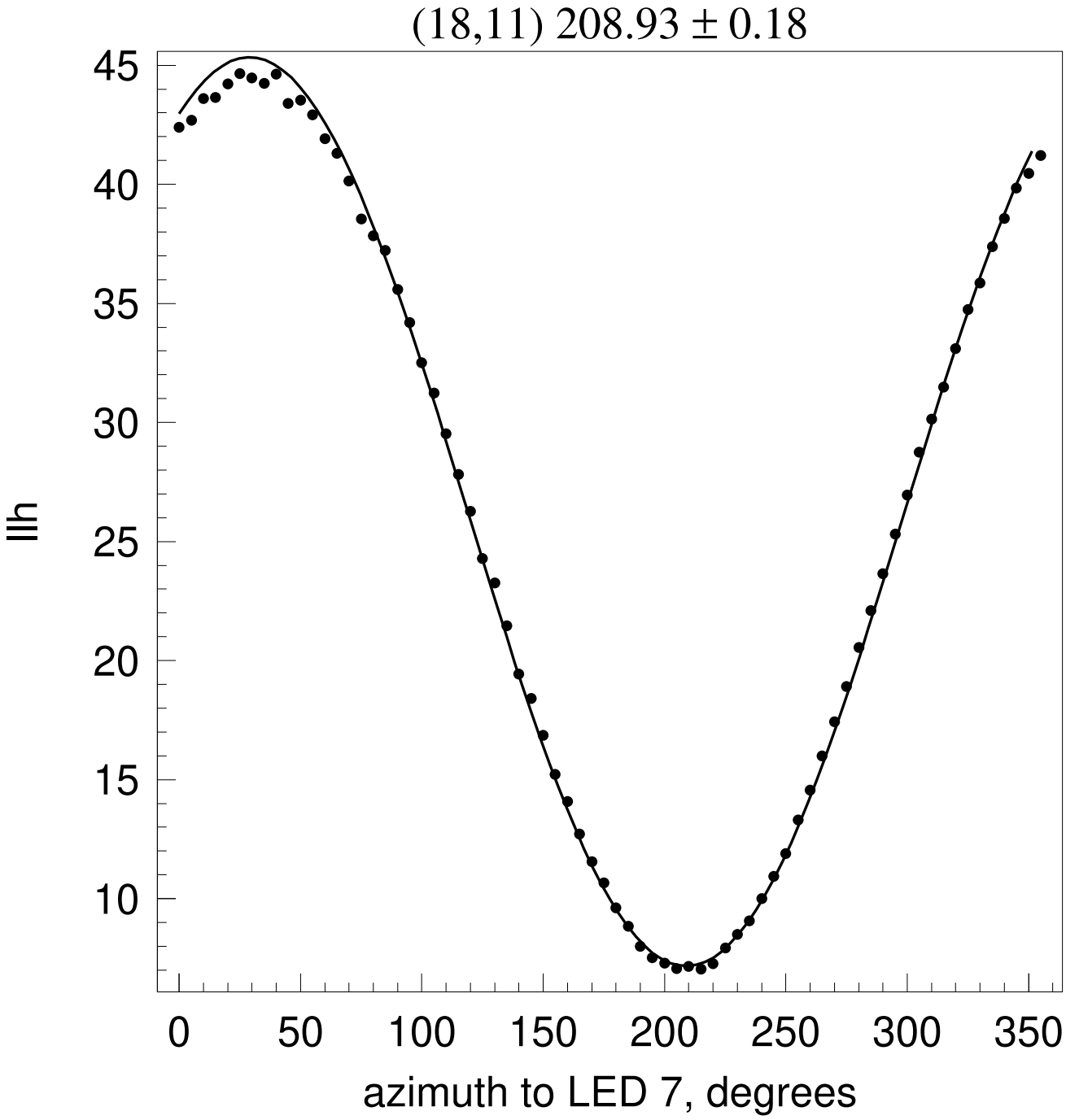

(18,6) 332.27 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

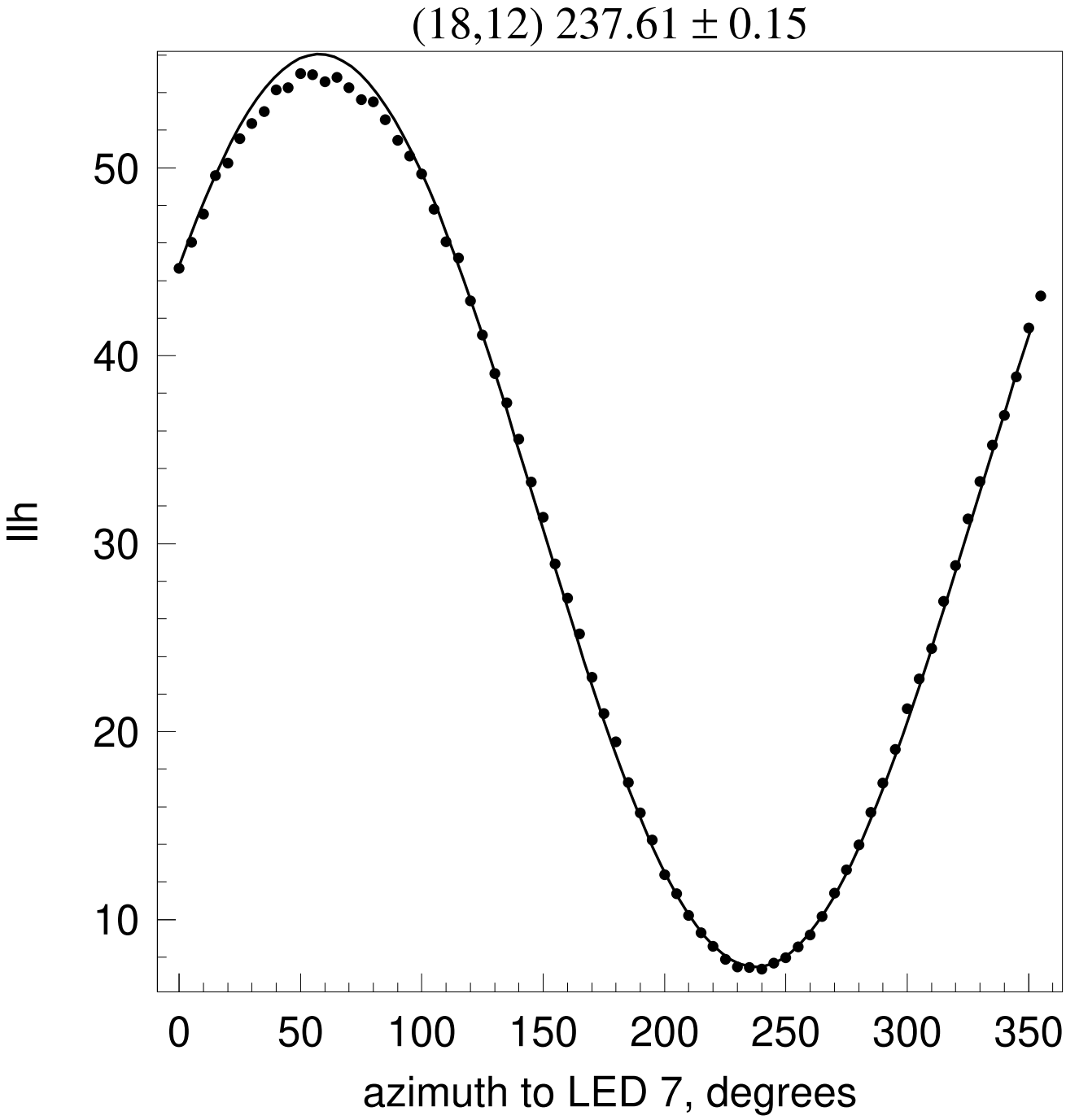

(18,7) 316.69 ± 0.27
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

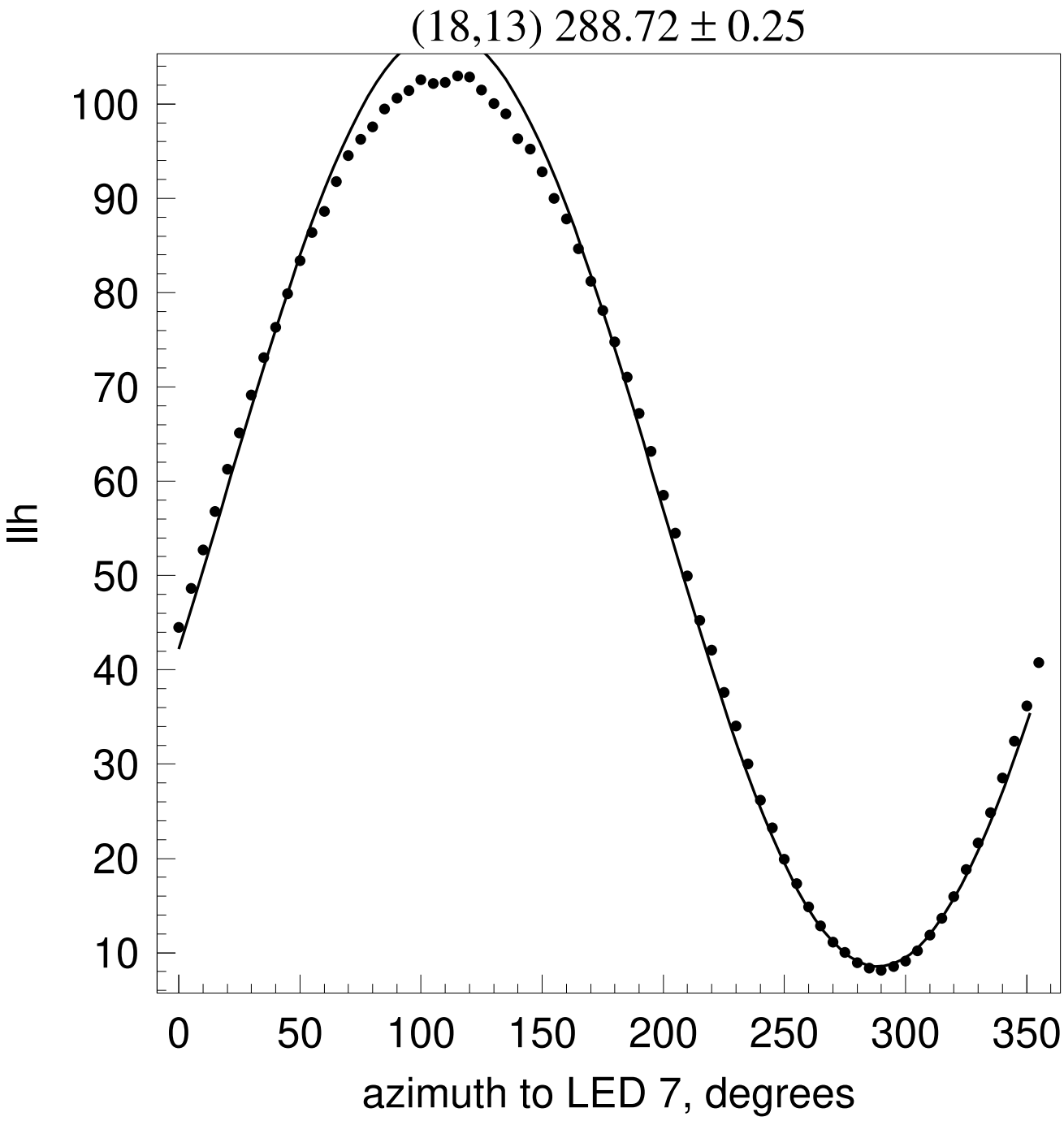

(18,8) 303.89 ± 0.26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

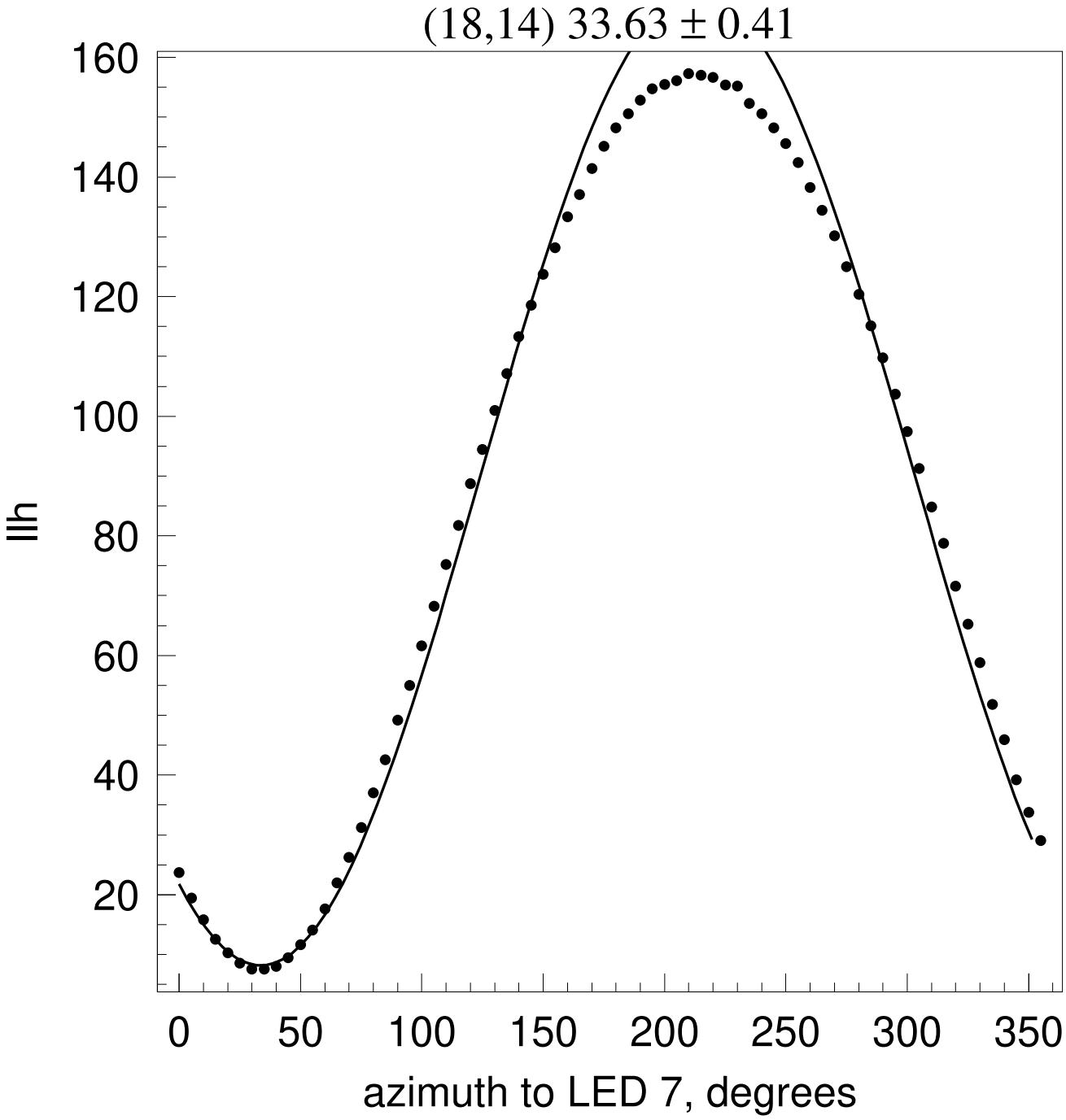

(18,9) 337.82 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

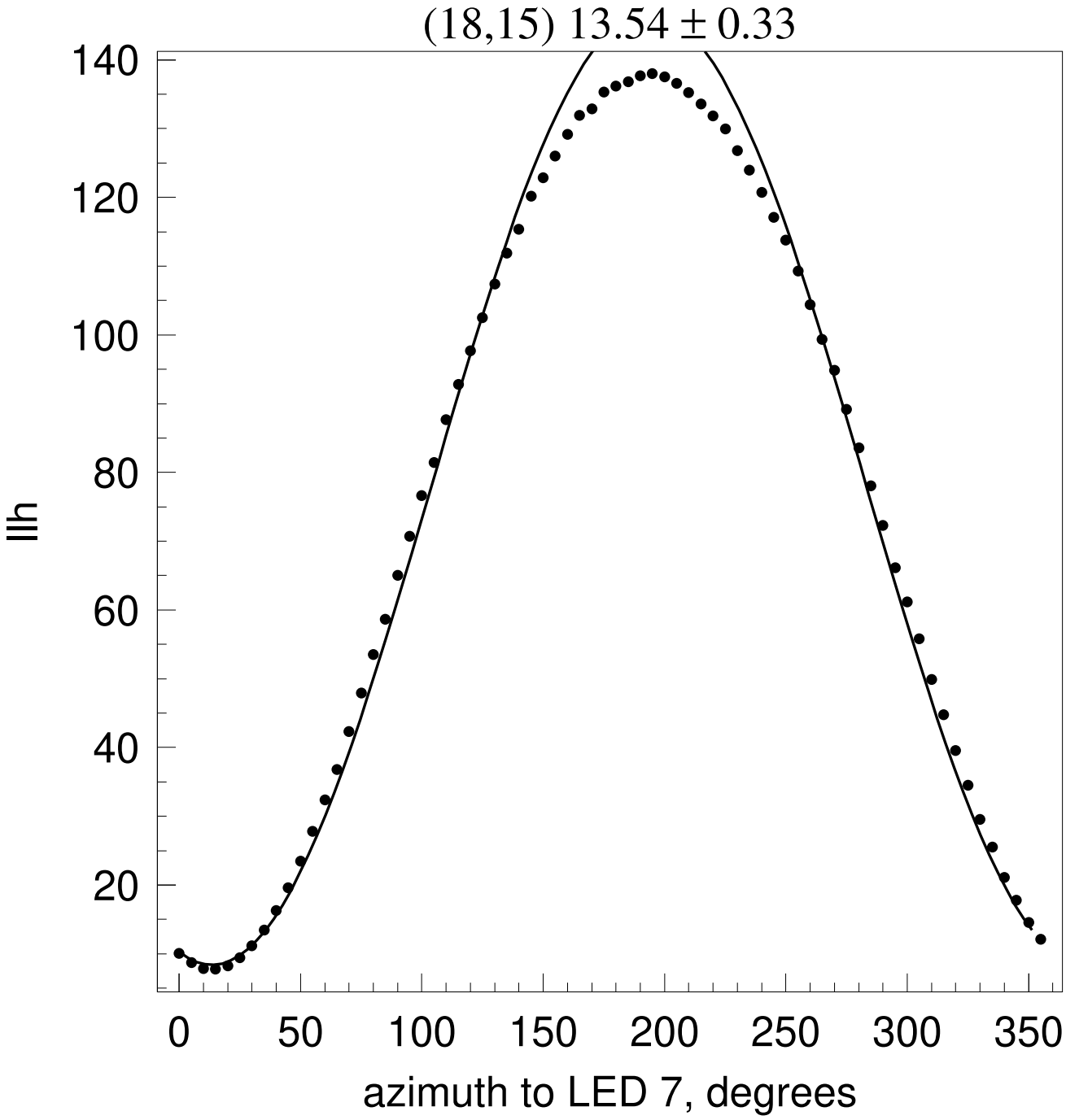

(18,10) 202.92 ± 0.25
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

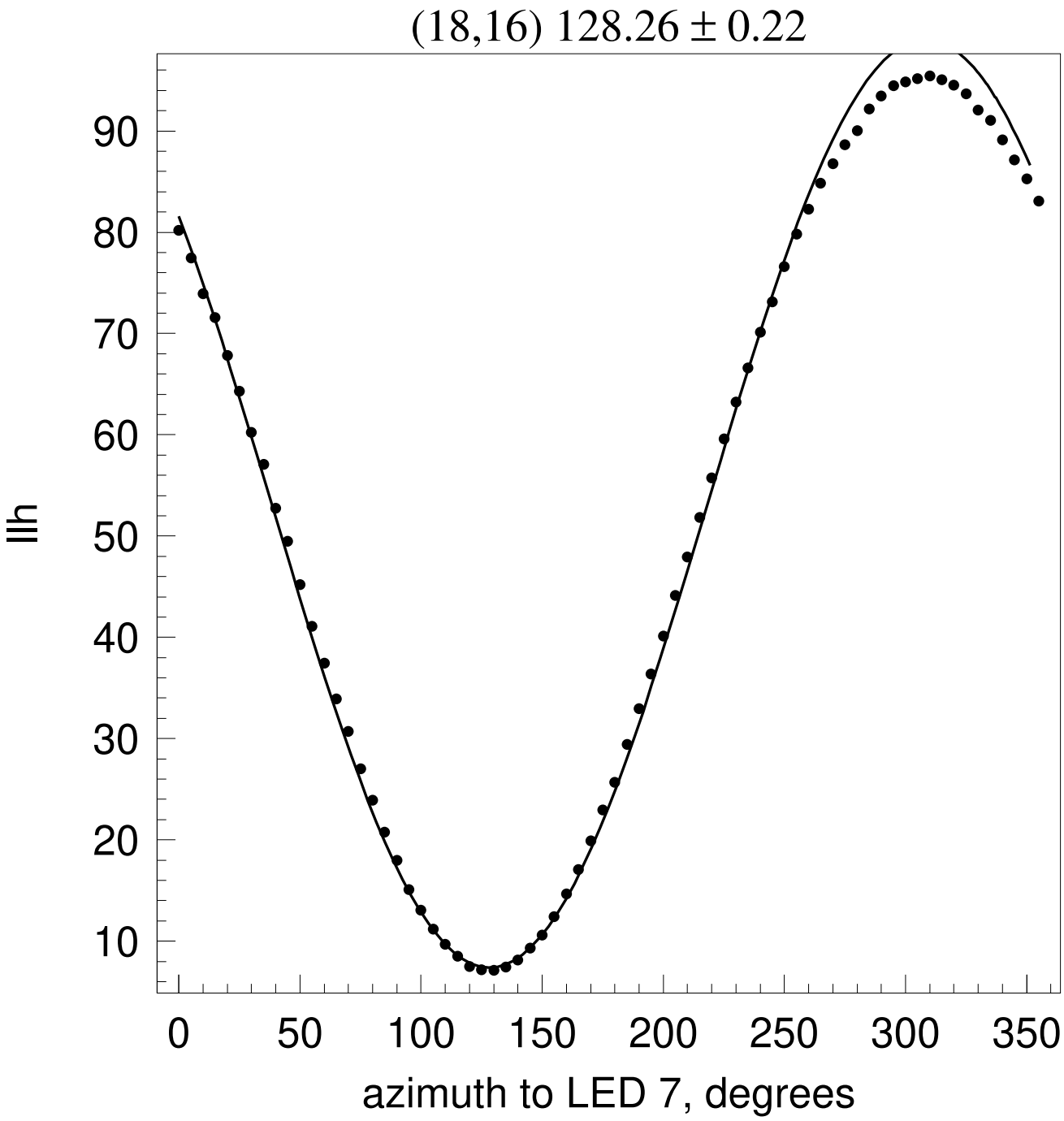

(18,11) 208.93 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

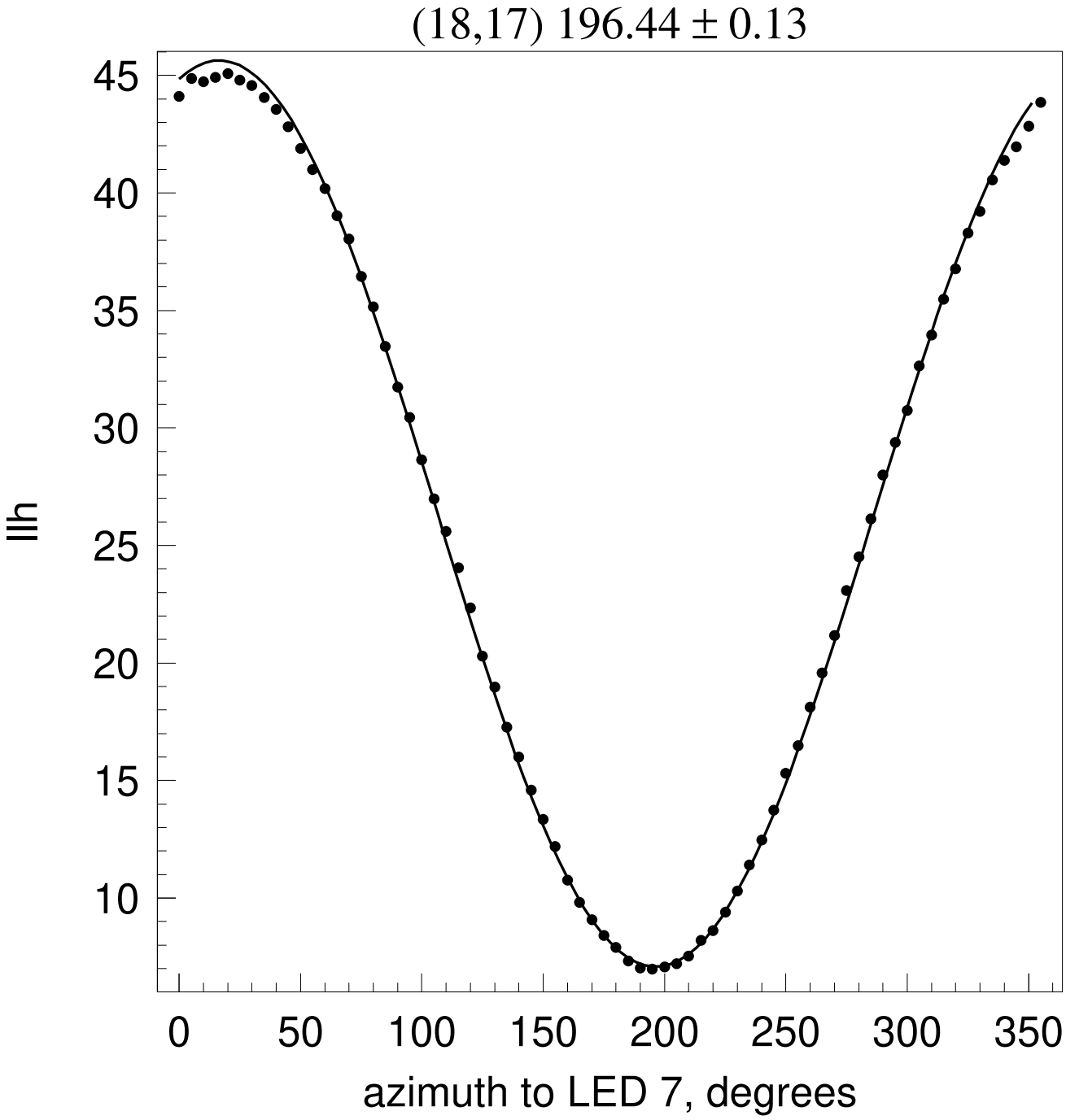

(18,12) 237.61 ± 0.15
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

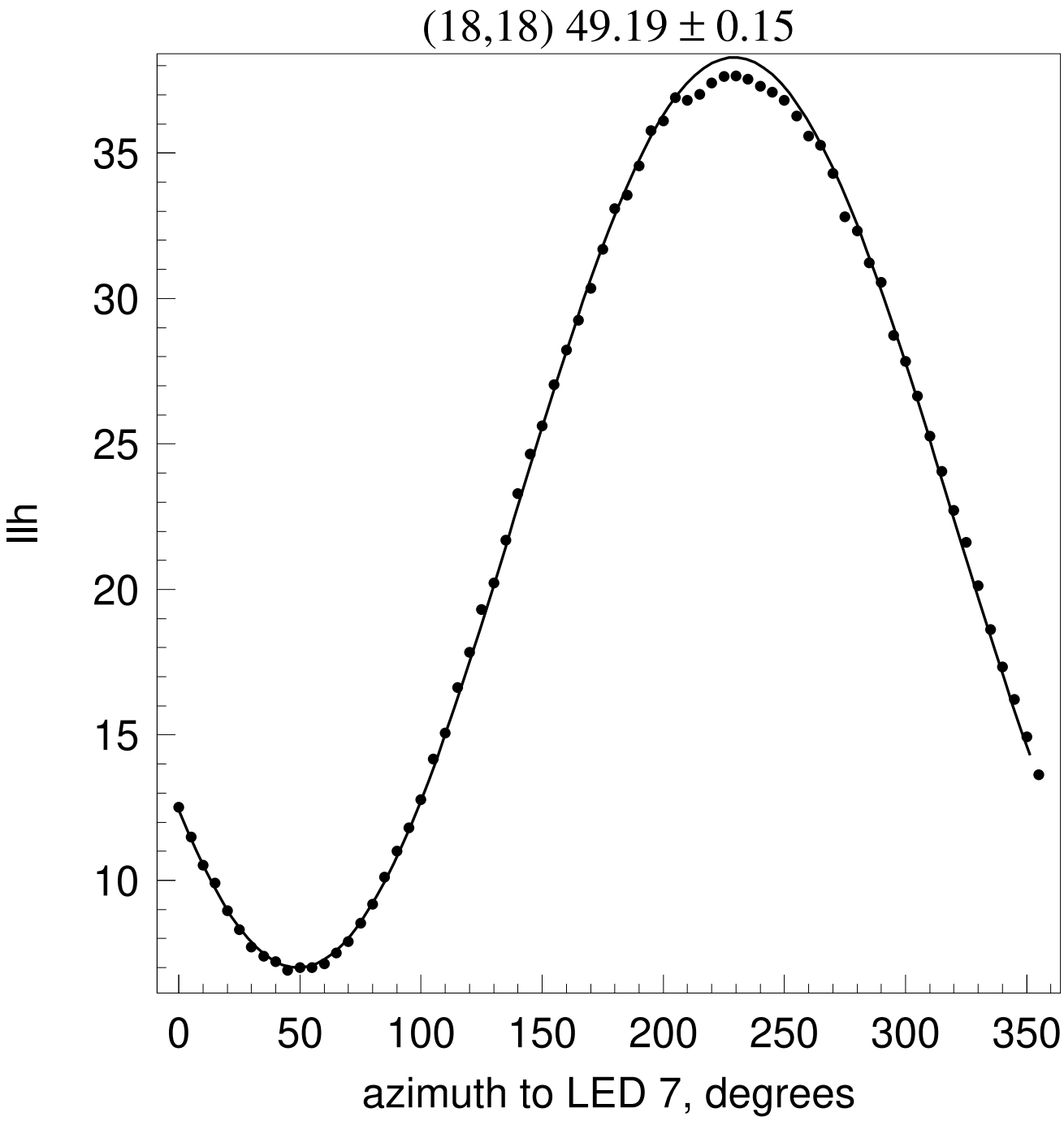

(18,13) 288.72 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

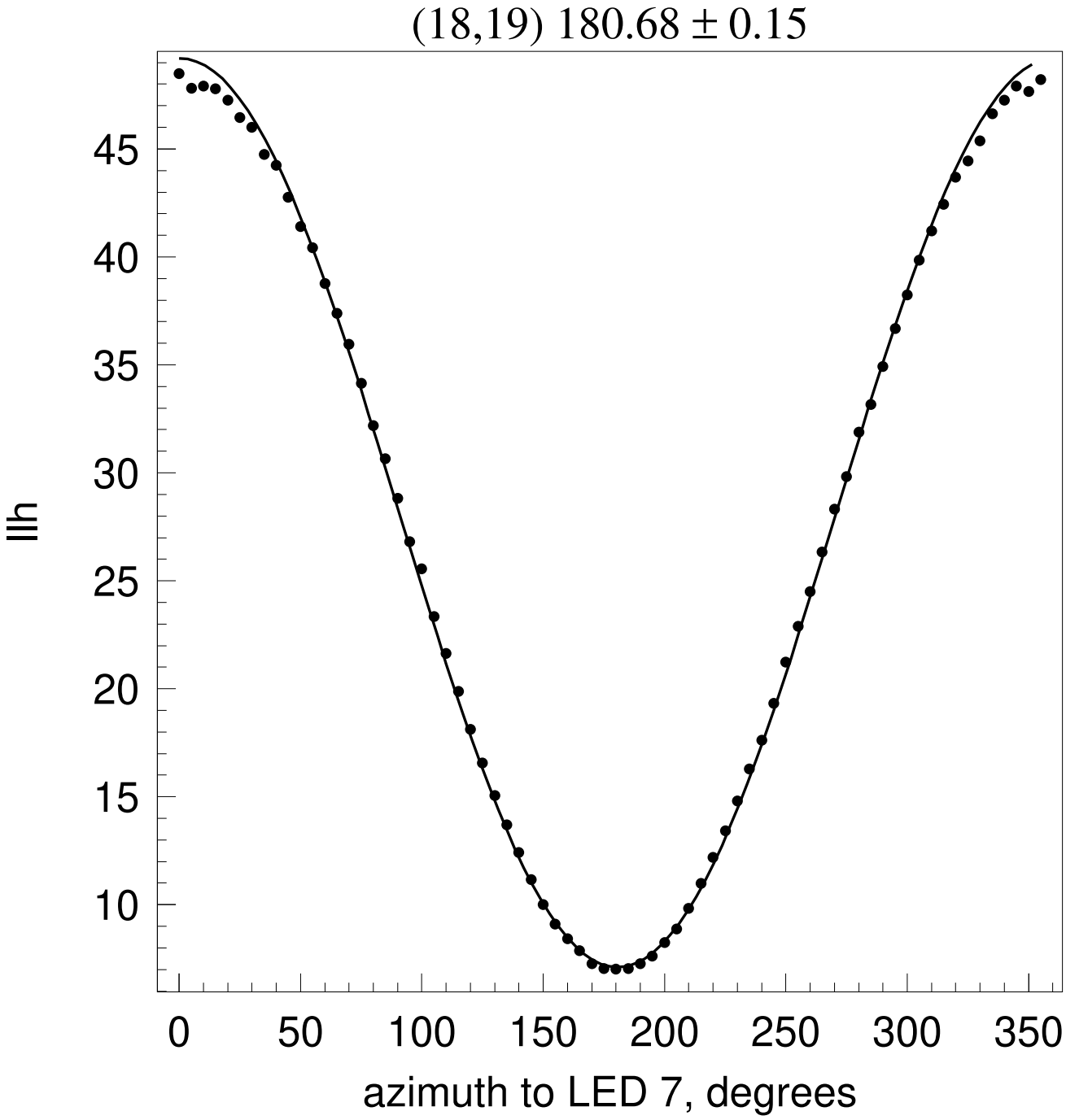

(18,14) 33.63 ± 0.41
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

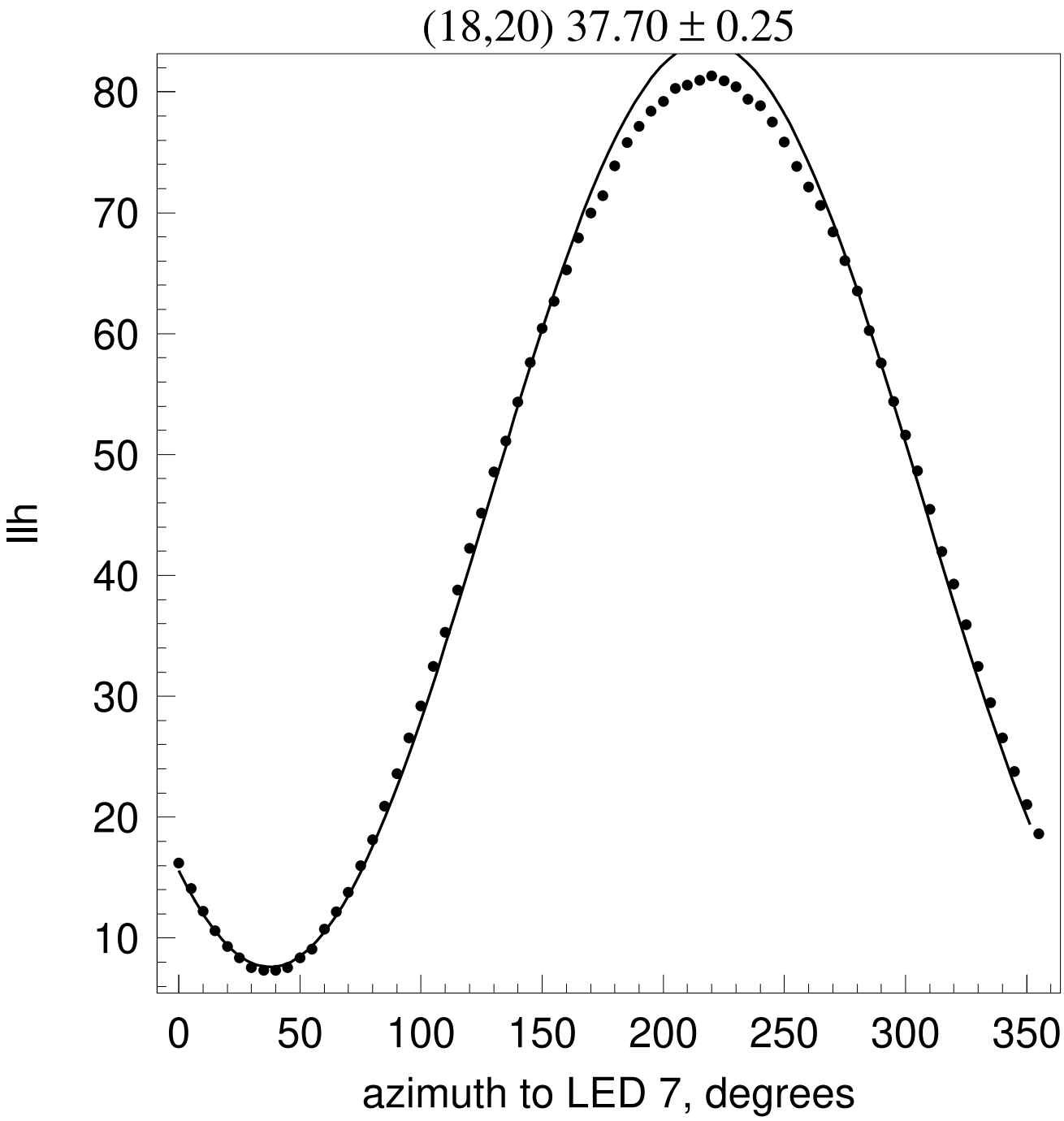

(18,15) 13.54 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

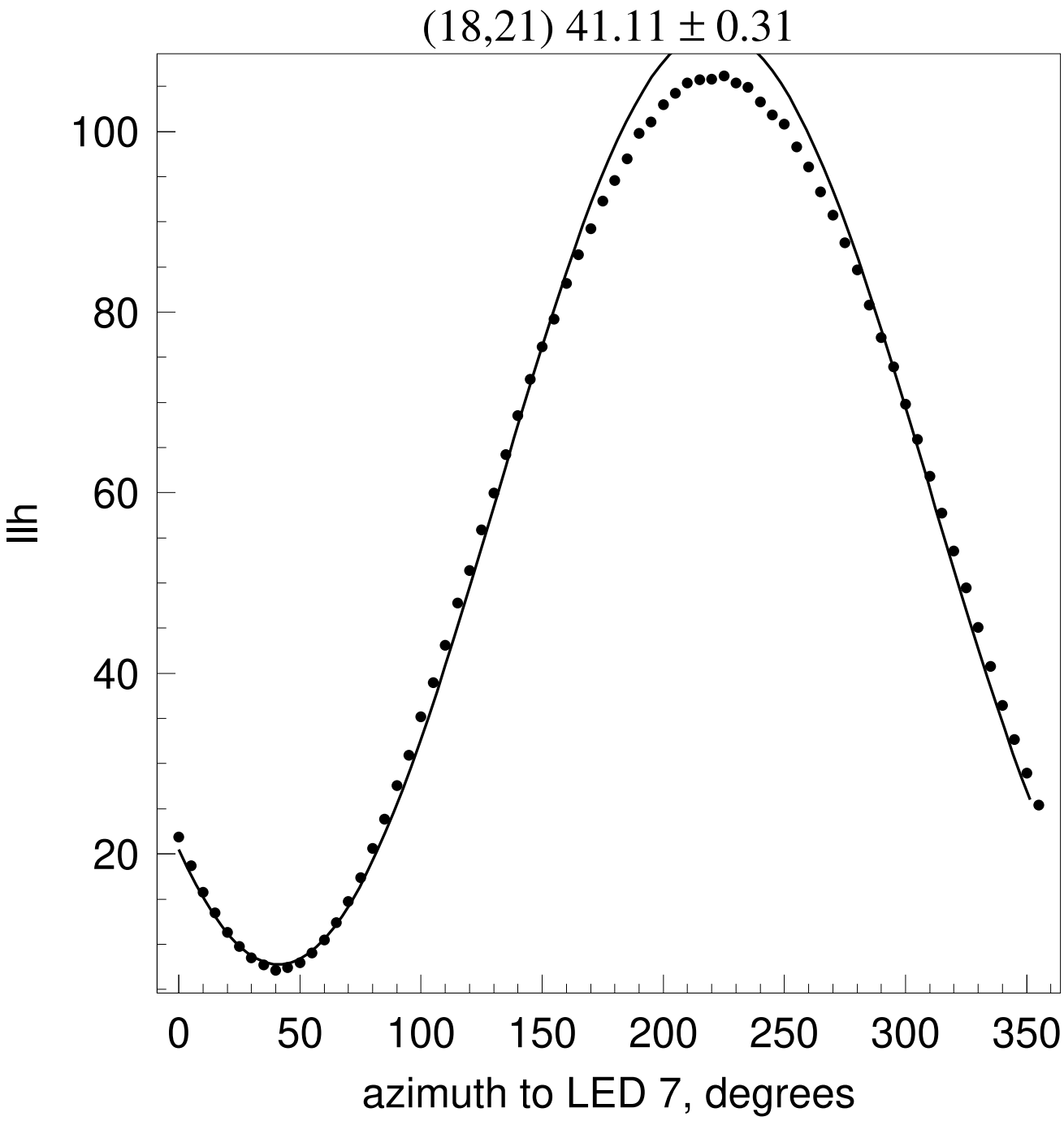

(18,16) 128.26 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

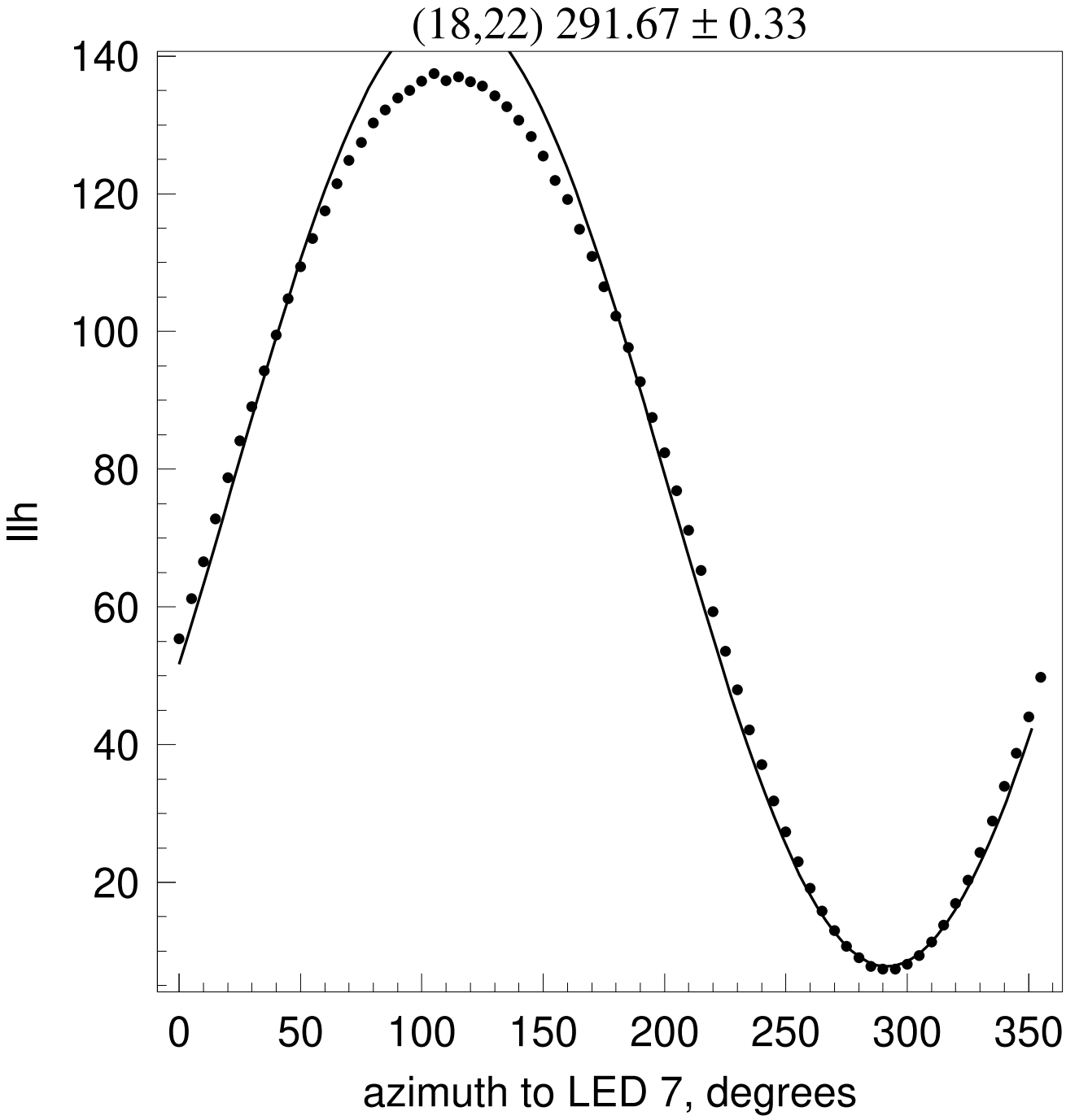

(18,17) 196.44 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

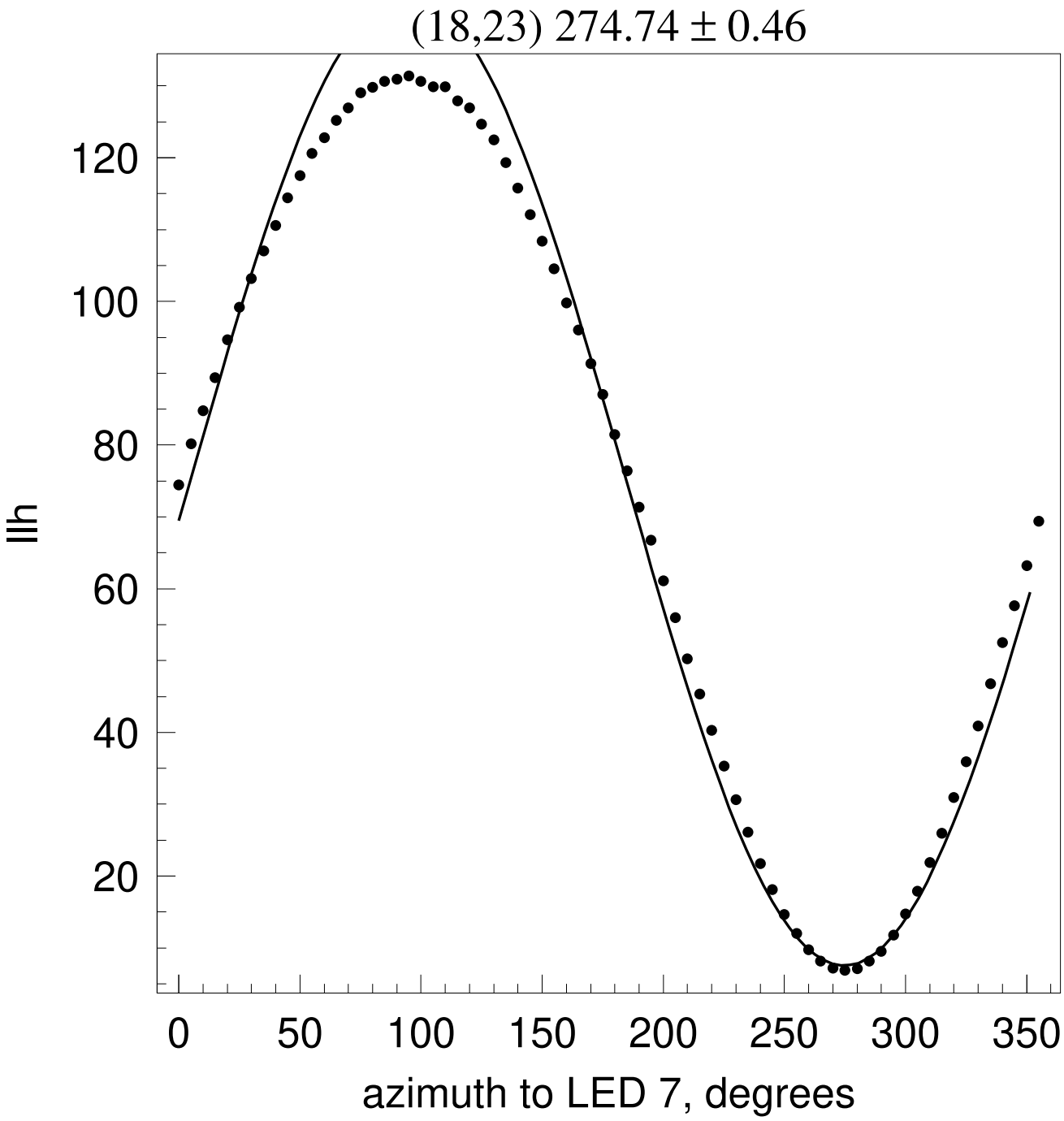

(18,18) 49.19 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

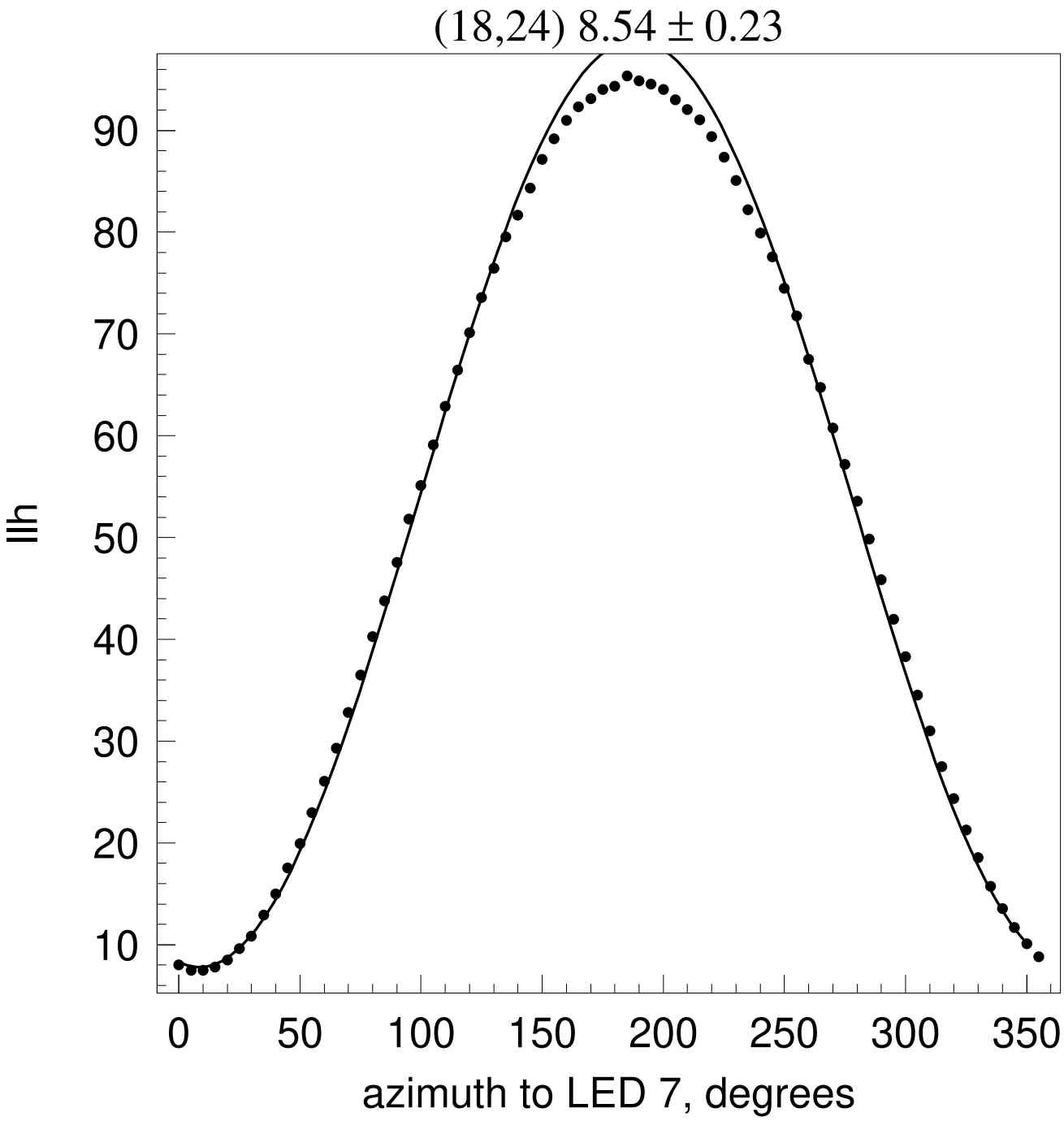

(18,19) 180.68 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

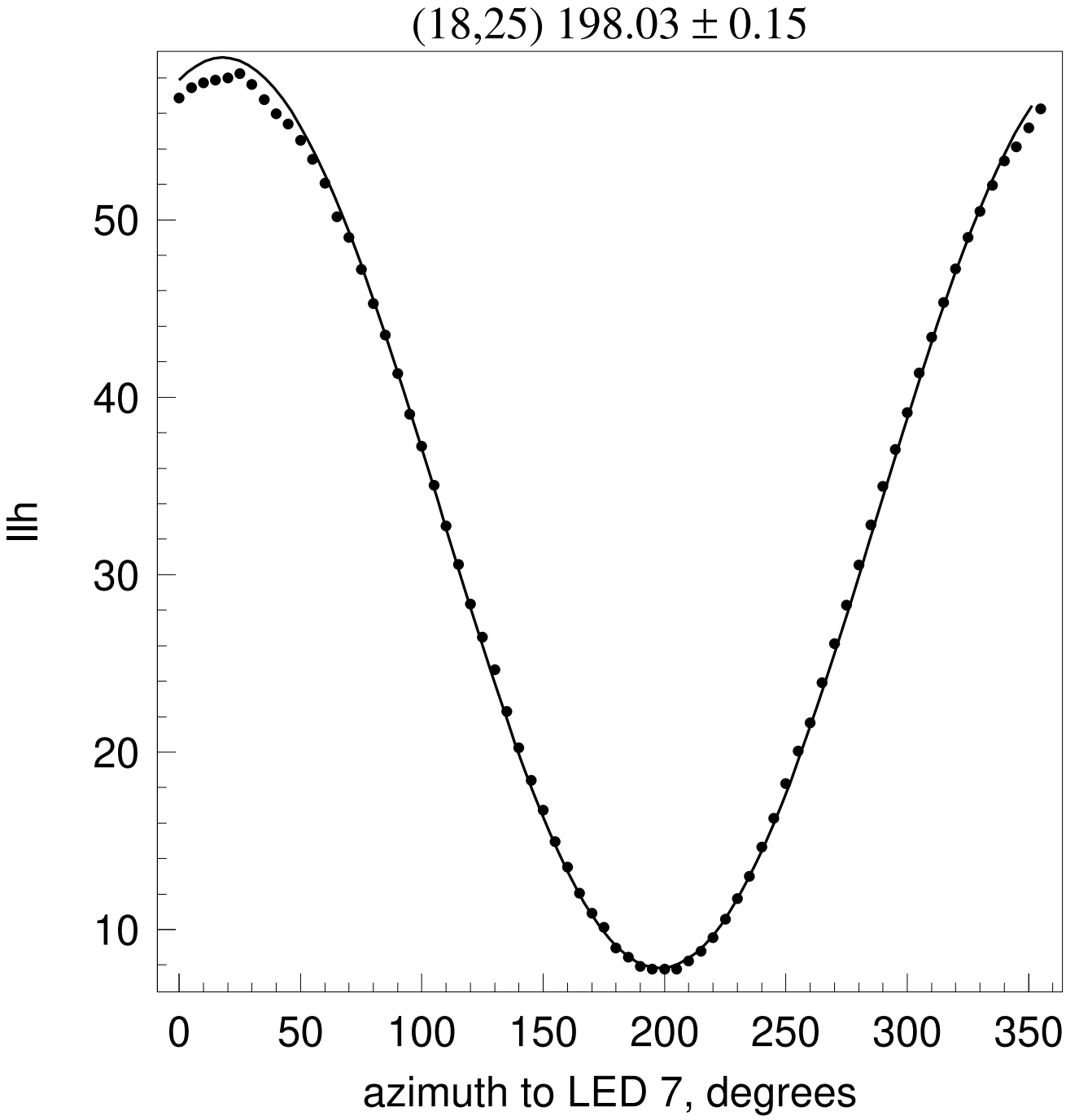

(18,20) 37.70 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

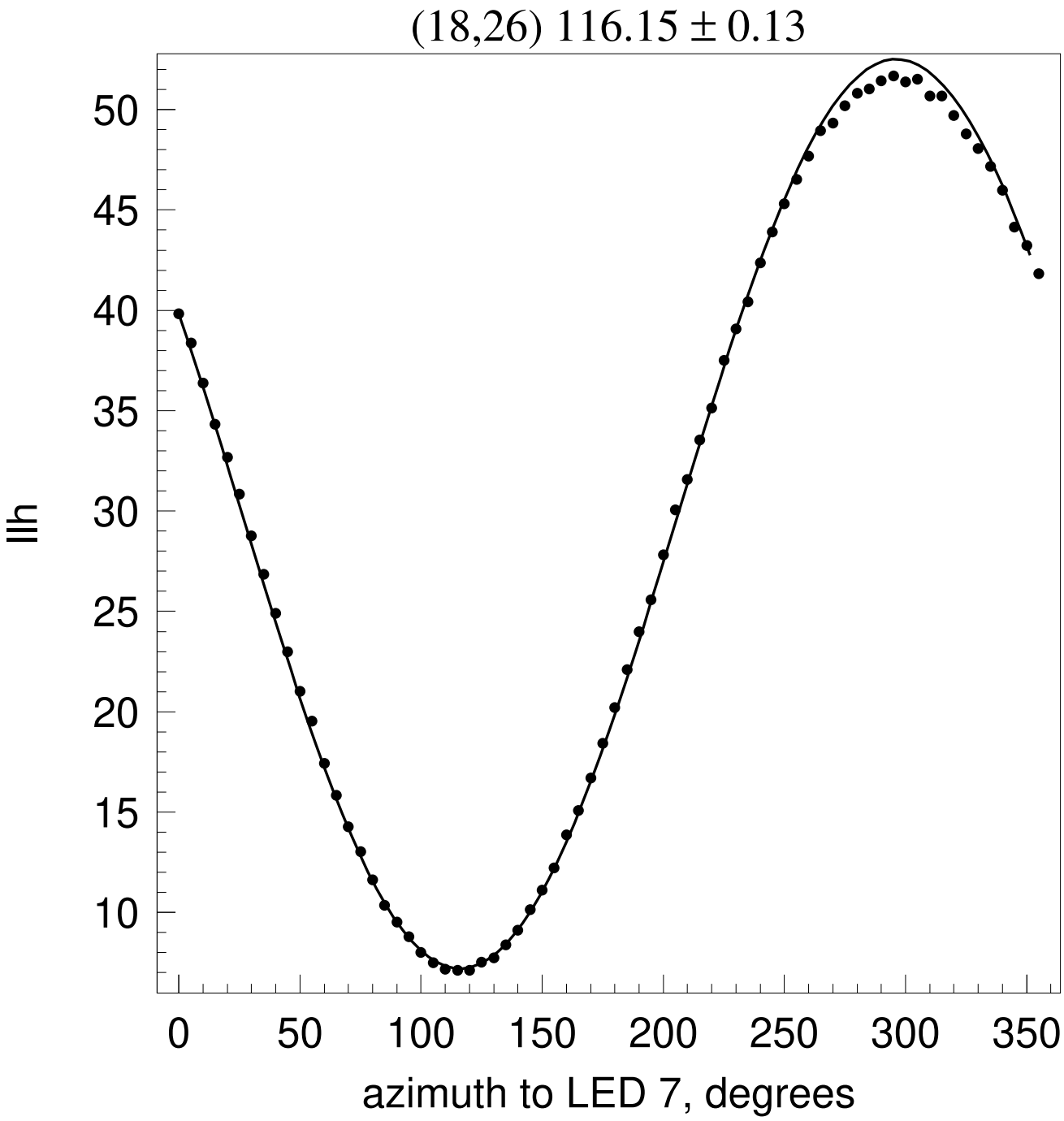

(18,21) 41.11 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

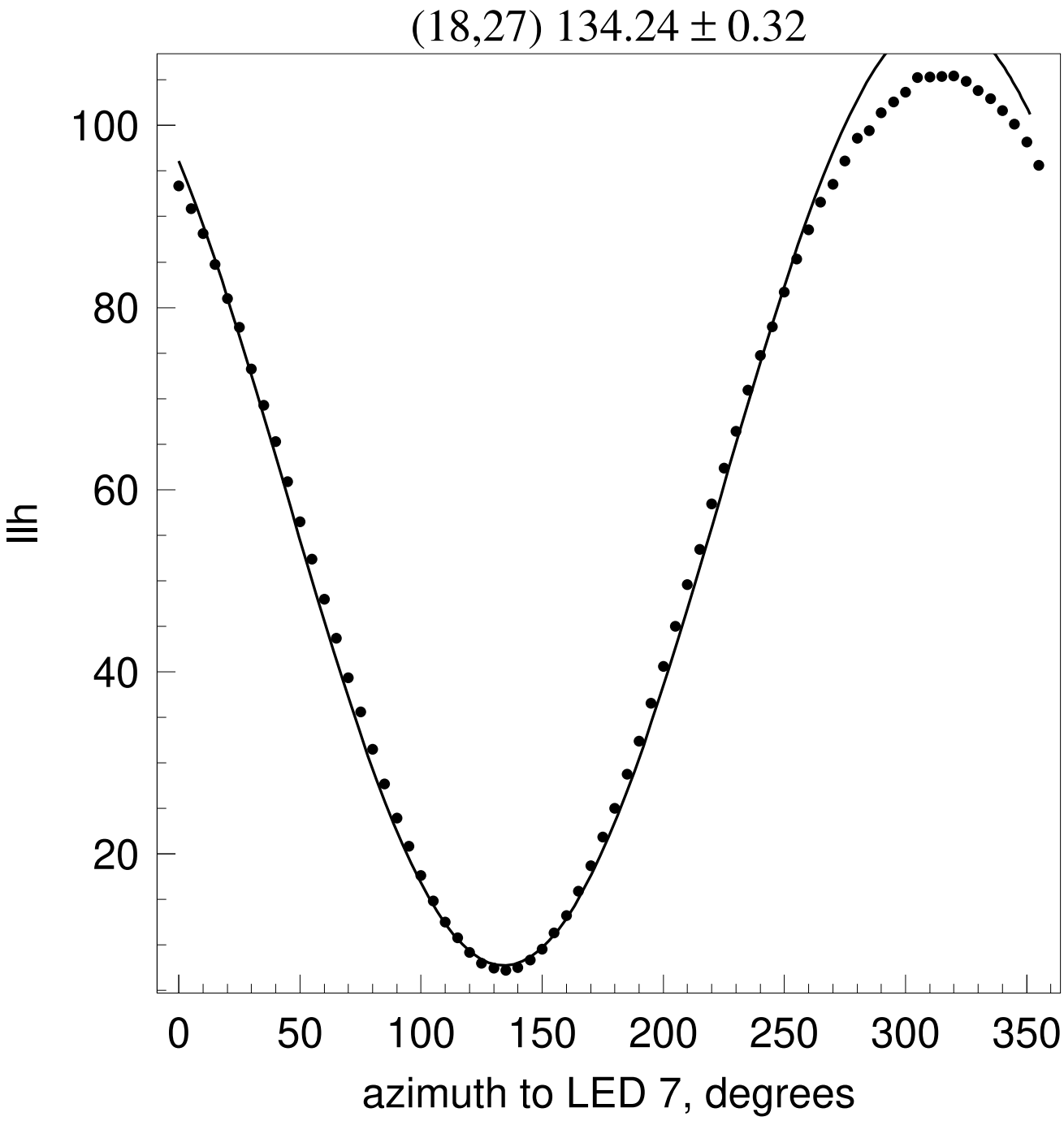

(18,22) 291.67 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

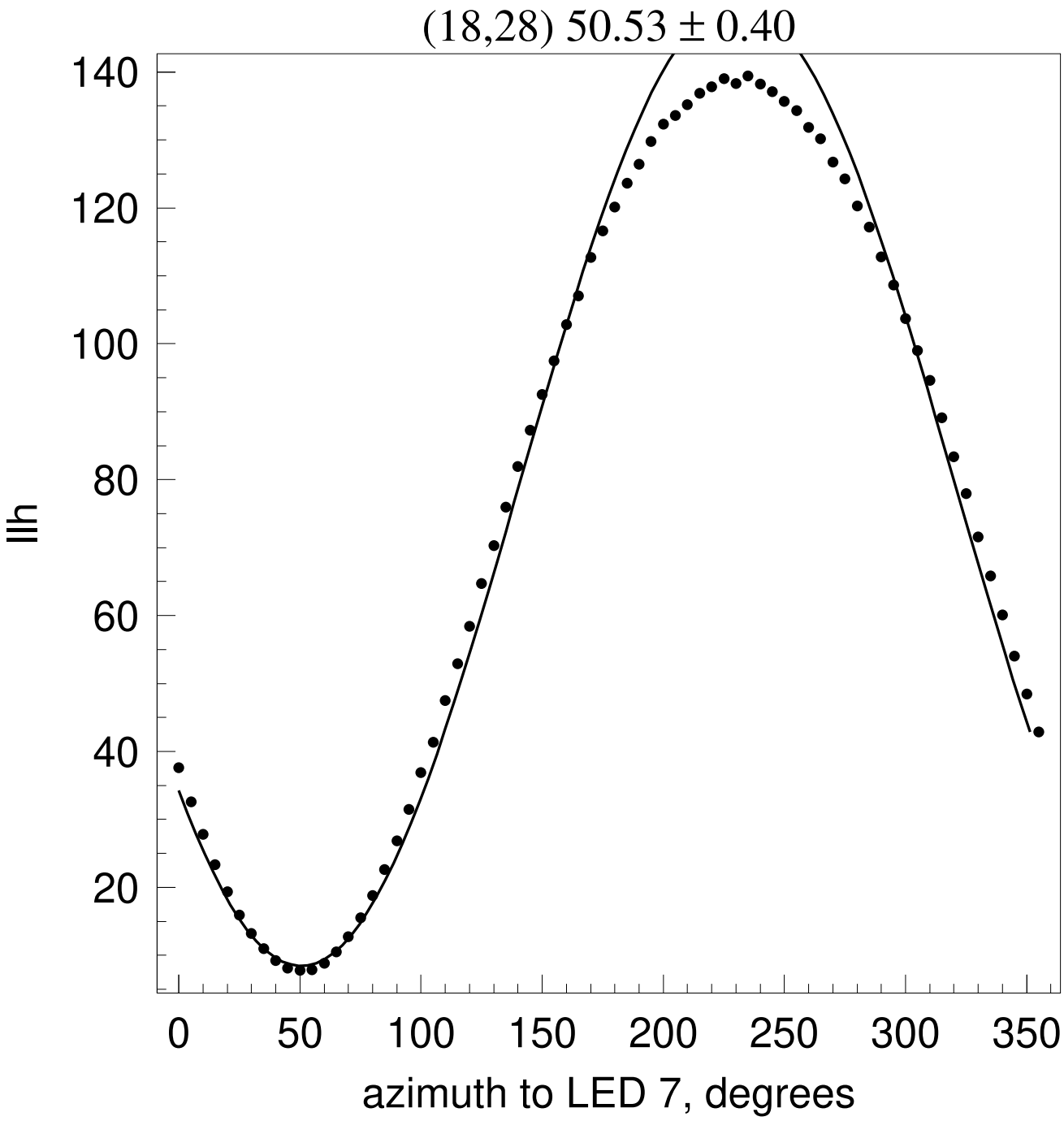

(18,23) 274.74 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

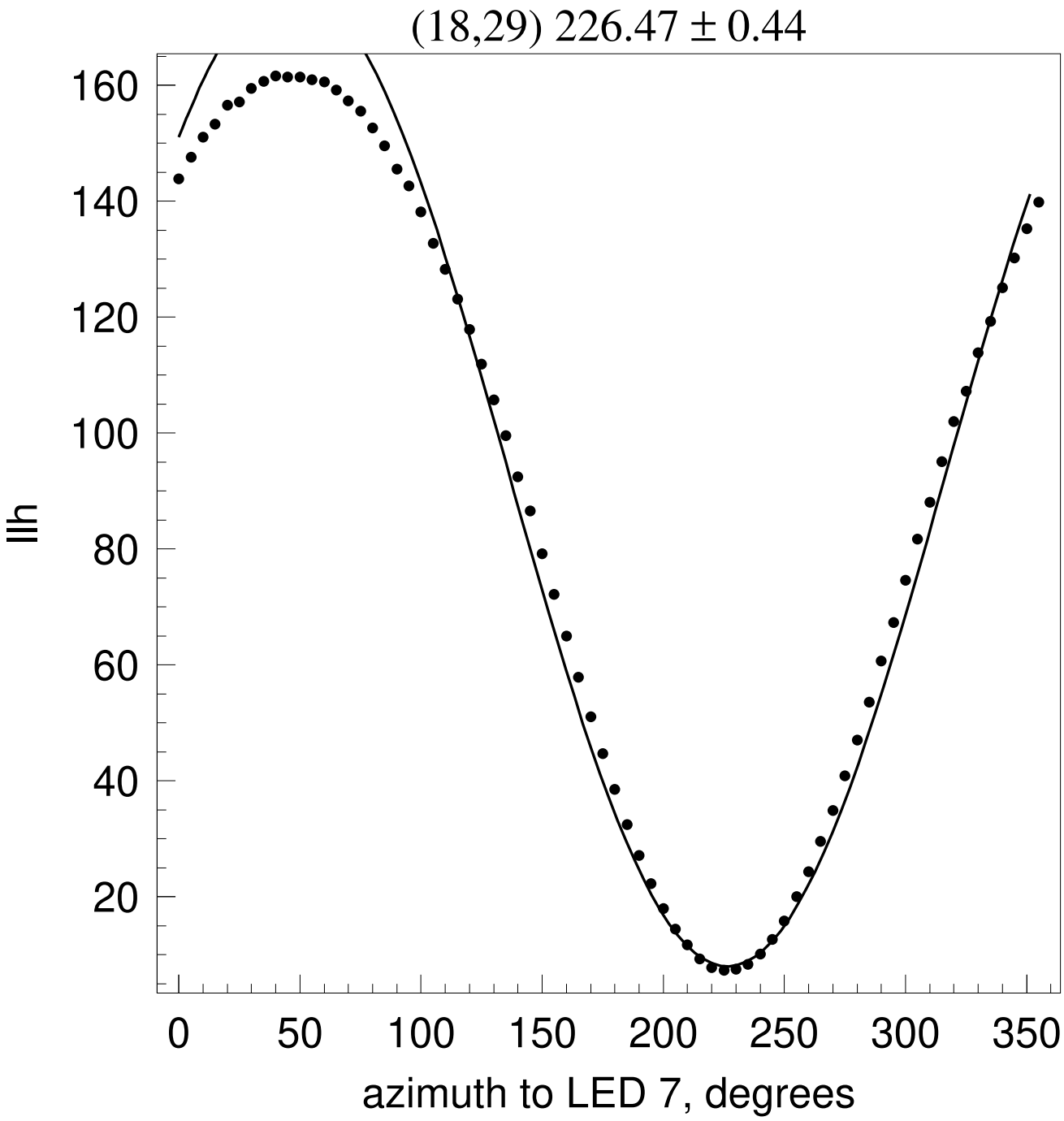

(18,24) 8.54 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

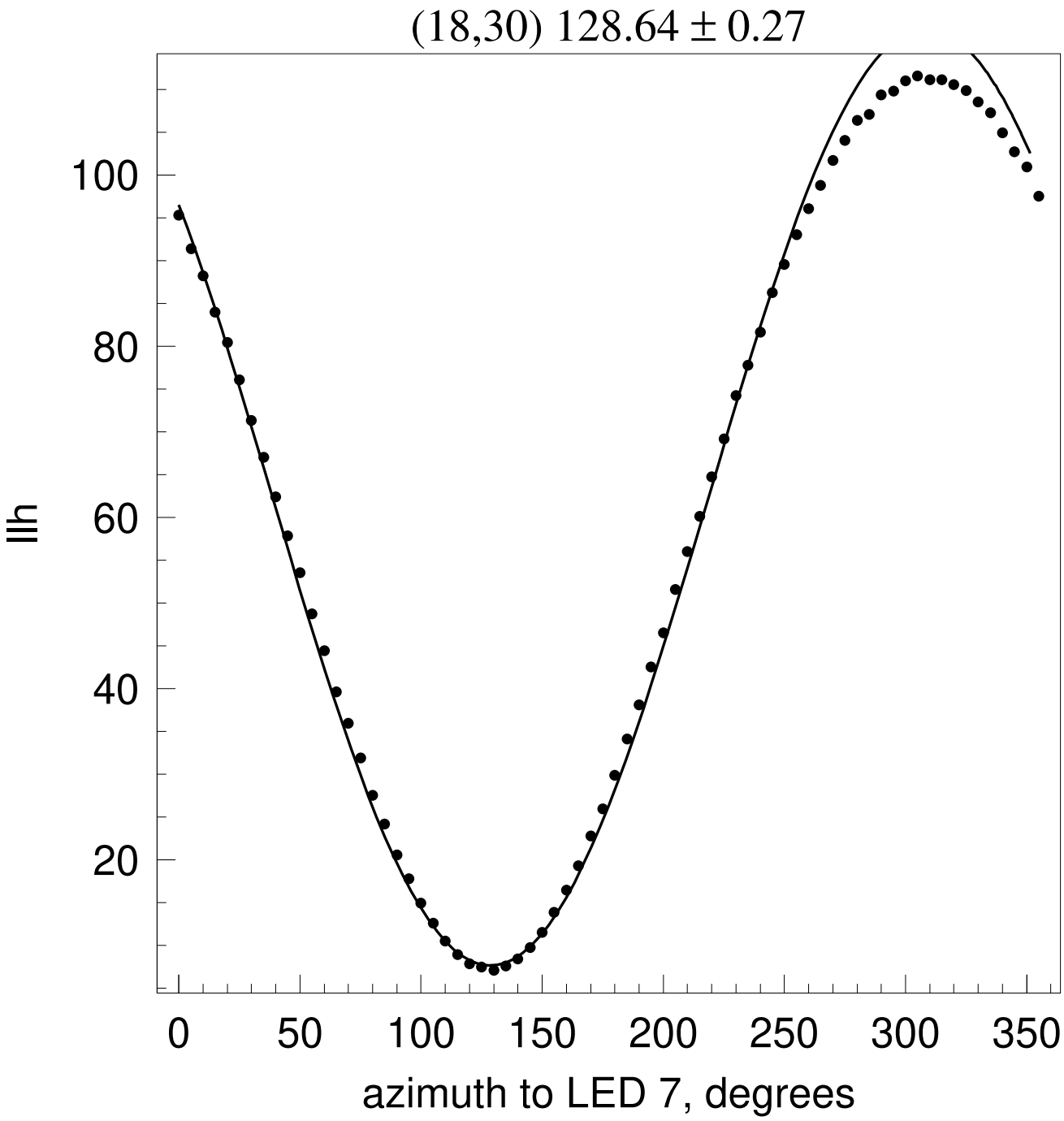

(18,25) 198.03 ± 0.15
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

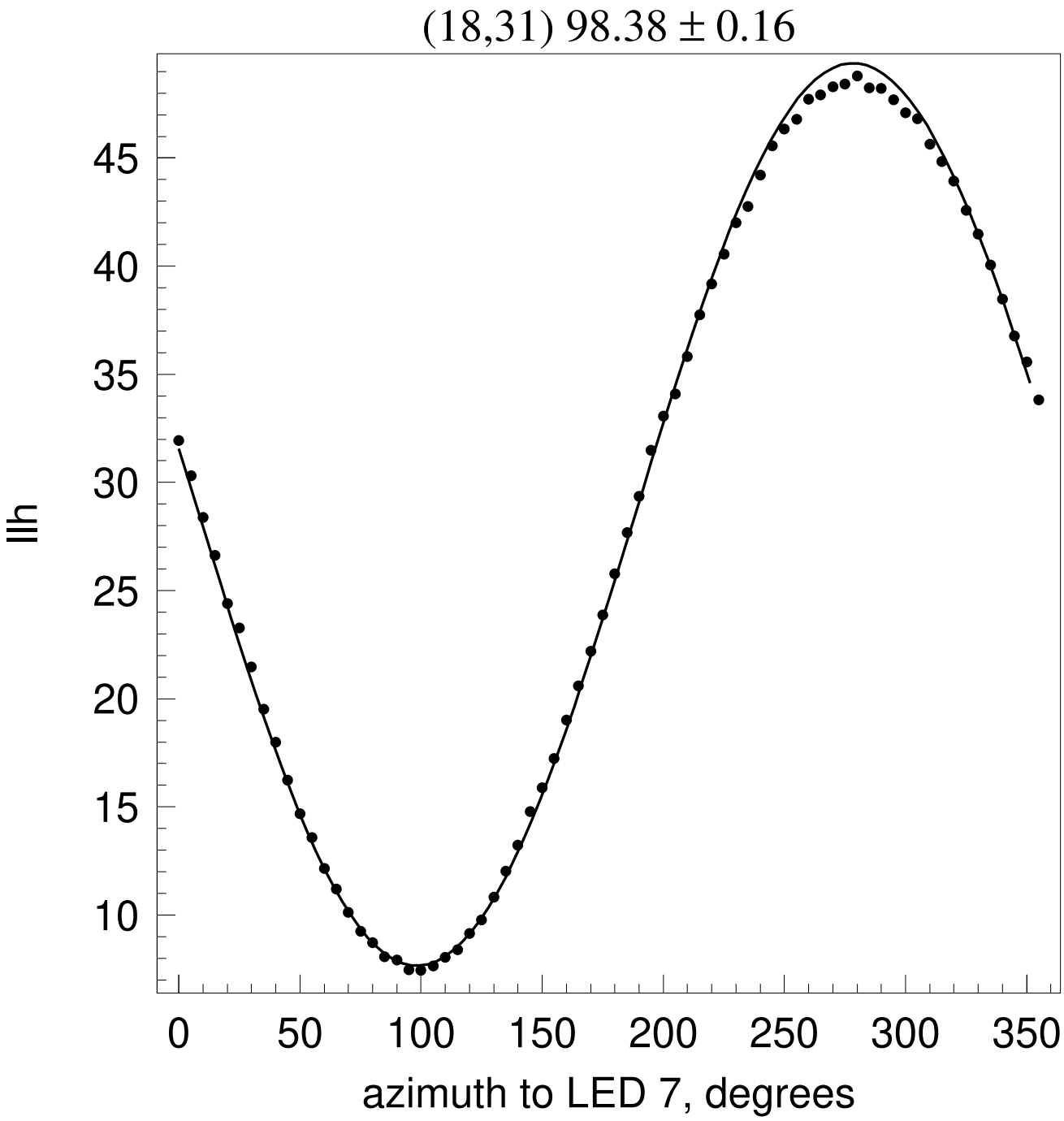

(18,26) 116.15 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

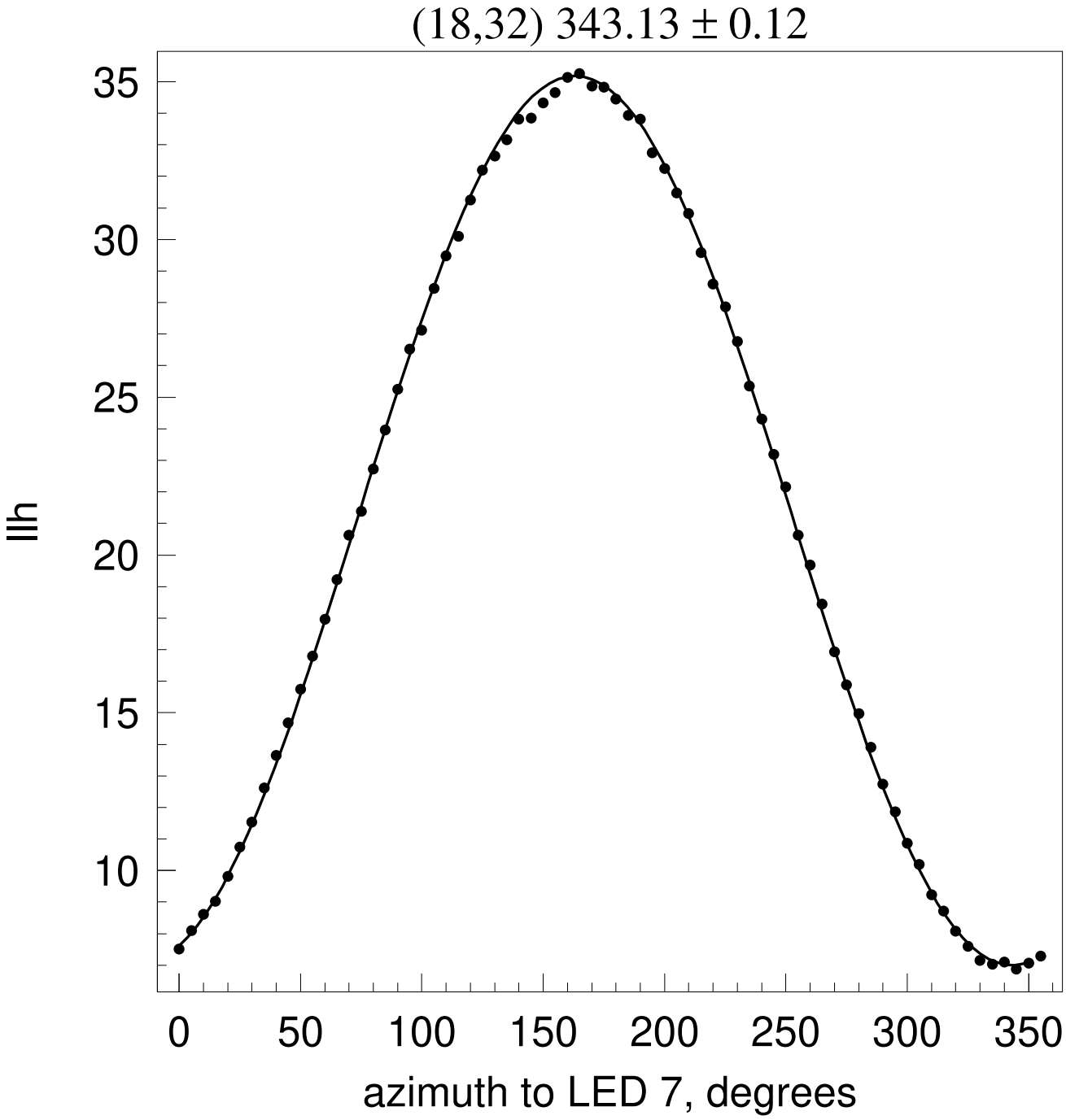

(18,27) 134.24 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

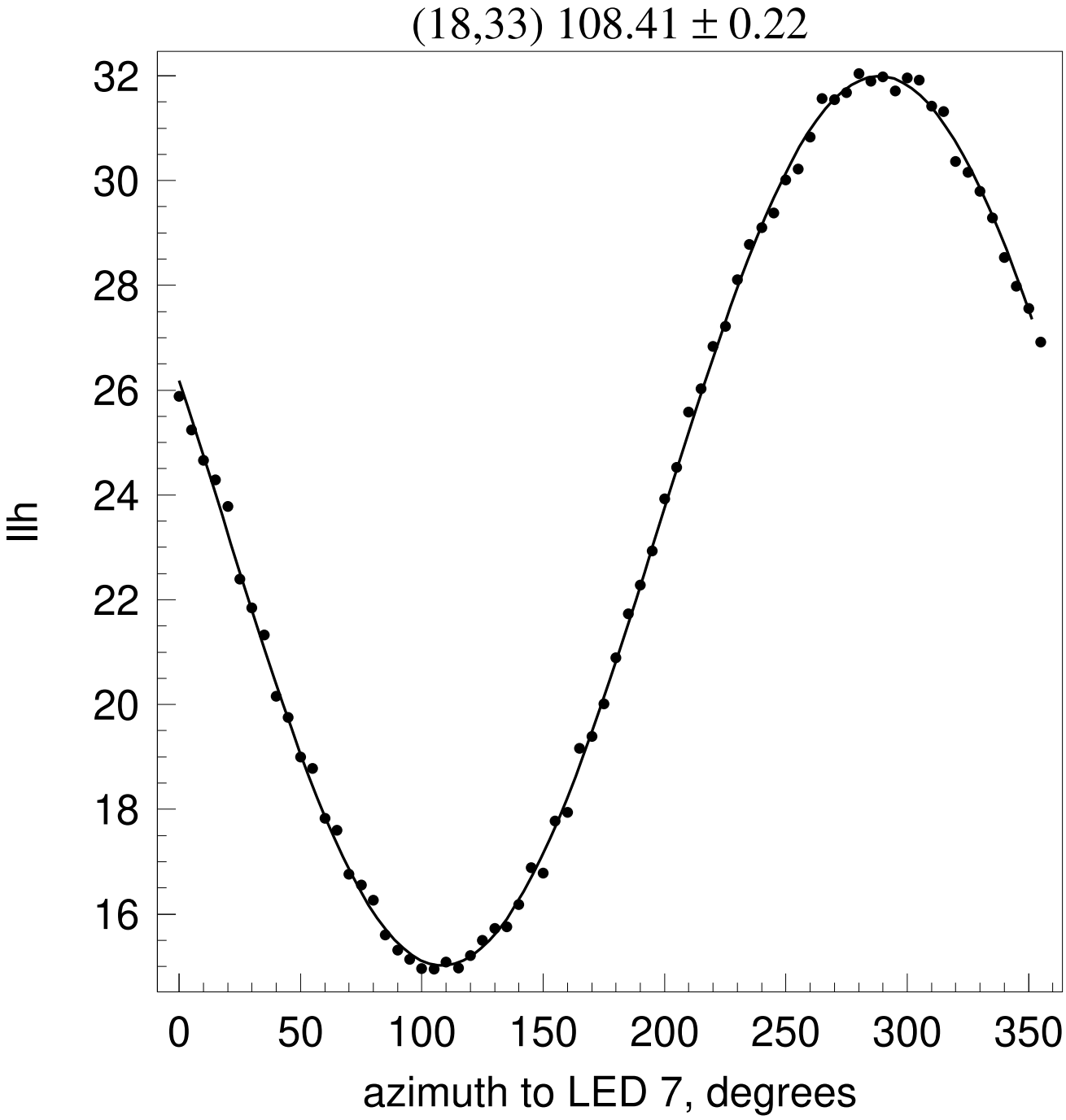

(18,28) 50.53 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

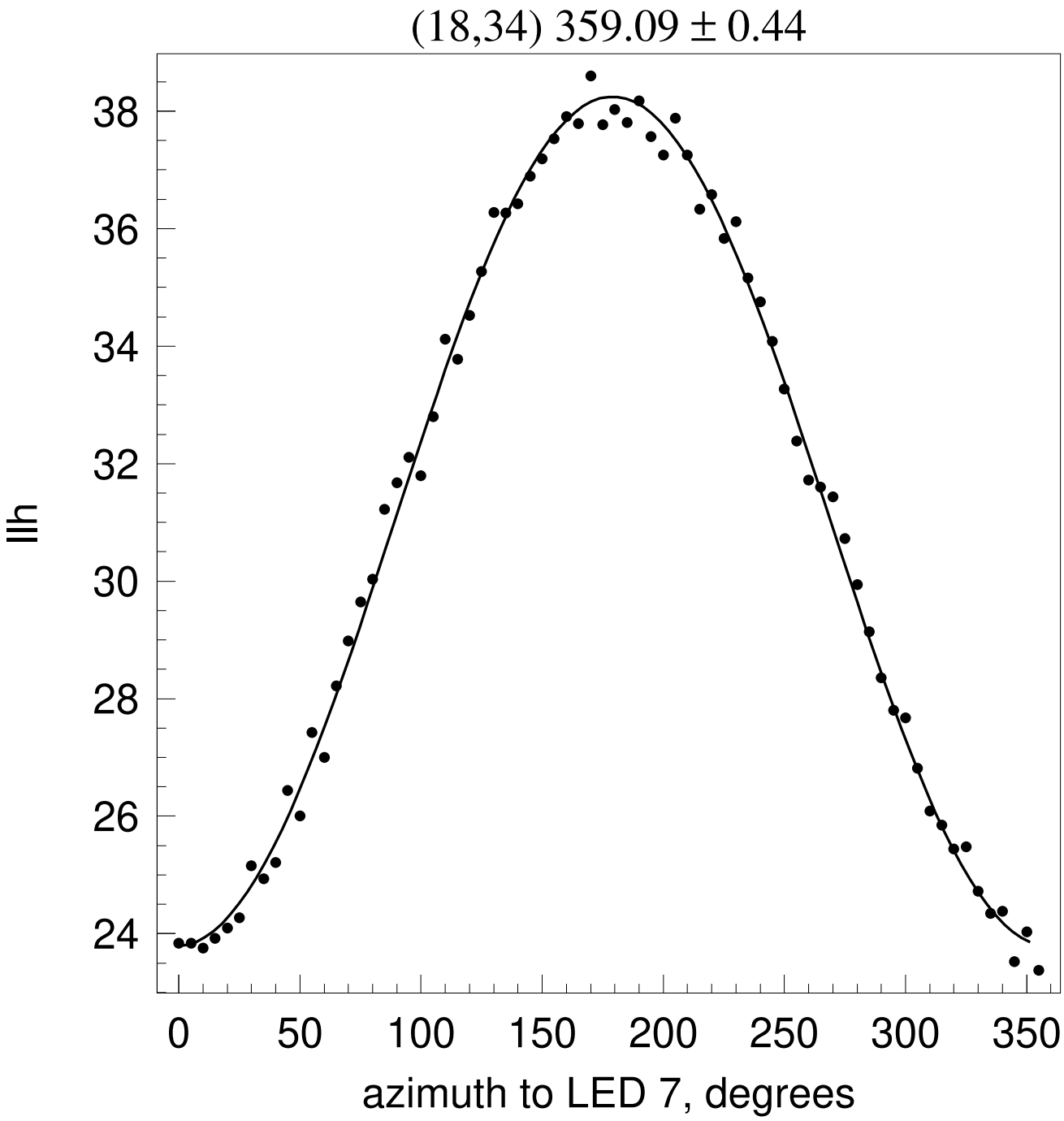

(18,29) 226.47 ± 0.44
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

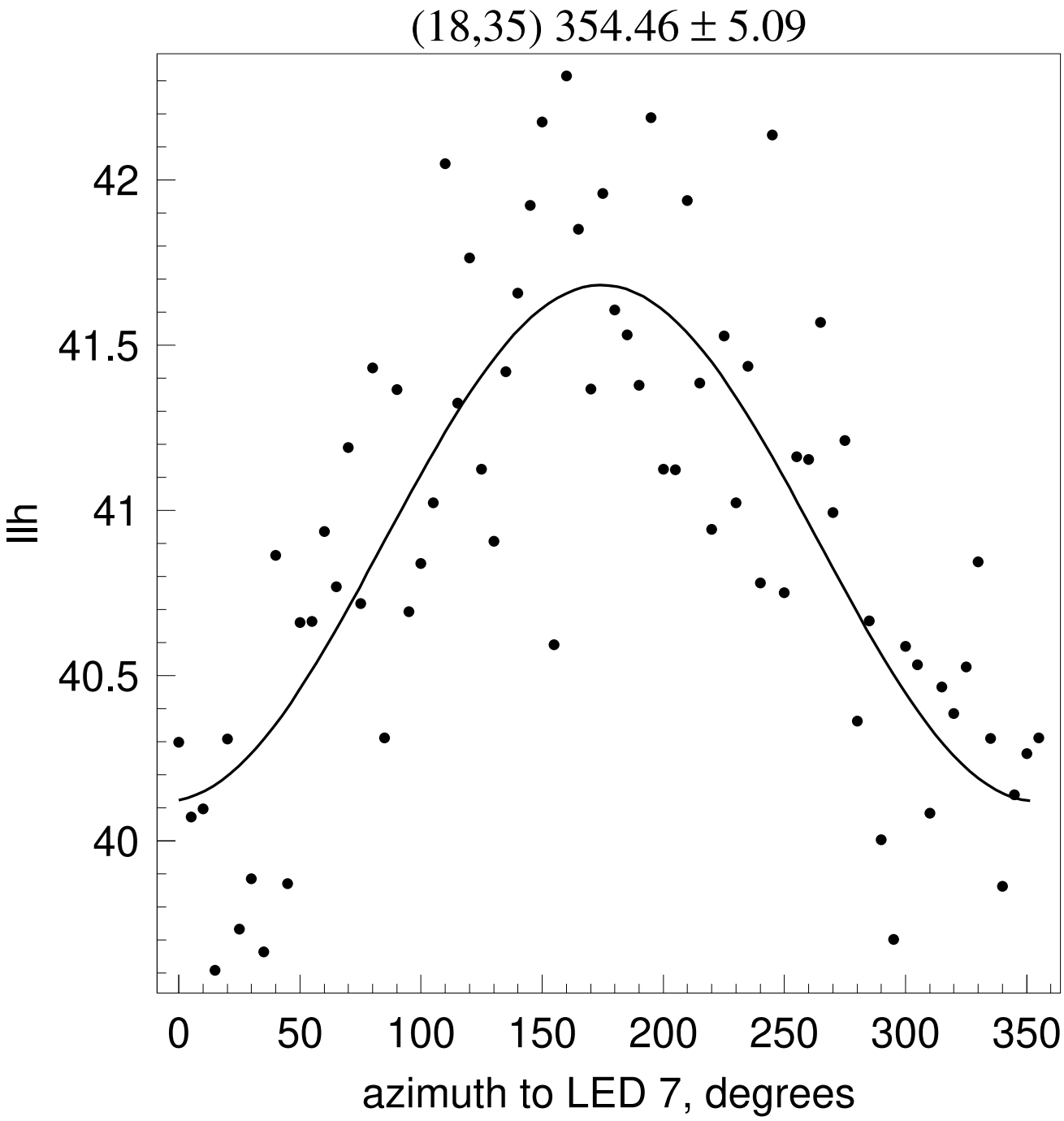

(18,30) 128.64 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

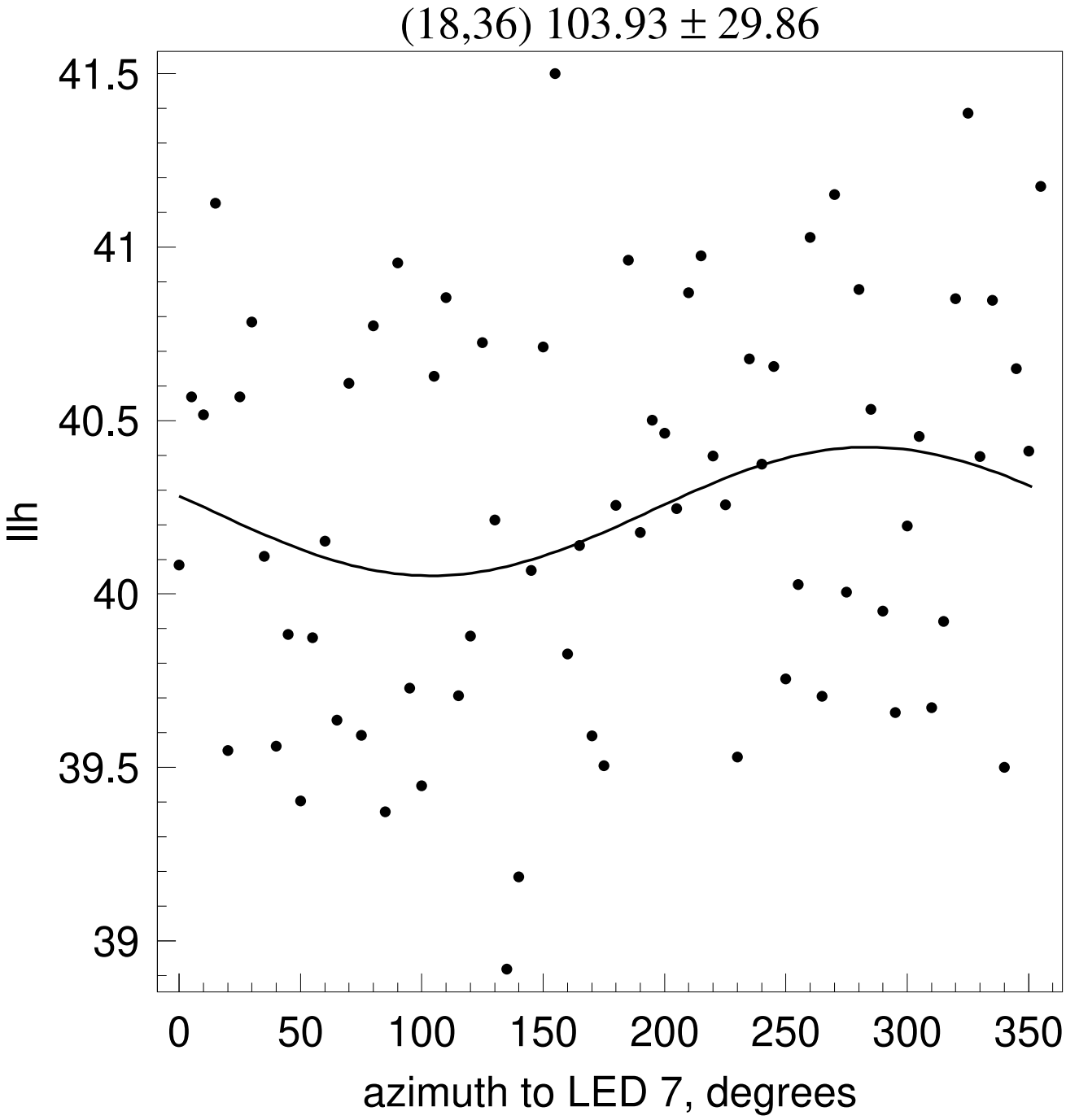

(18,31) 98.38 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

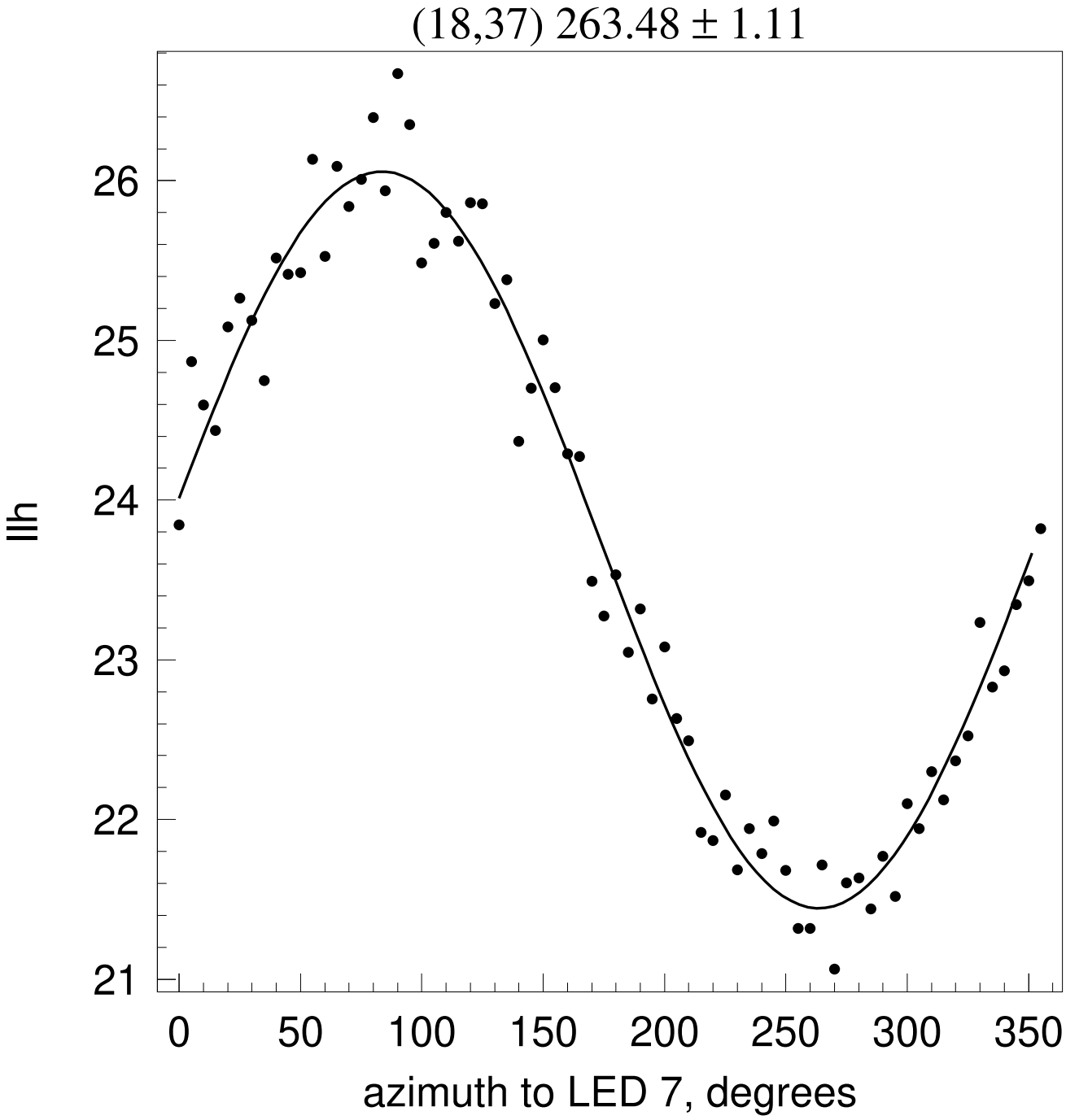

(18,32) 343.13 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

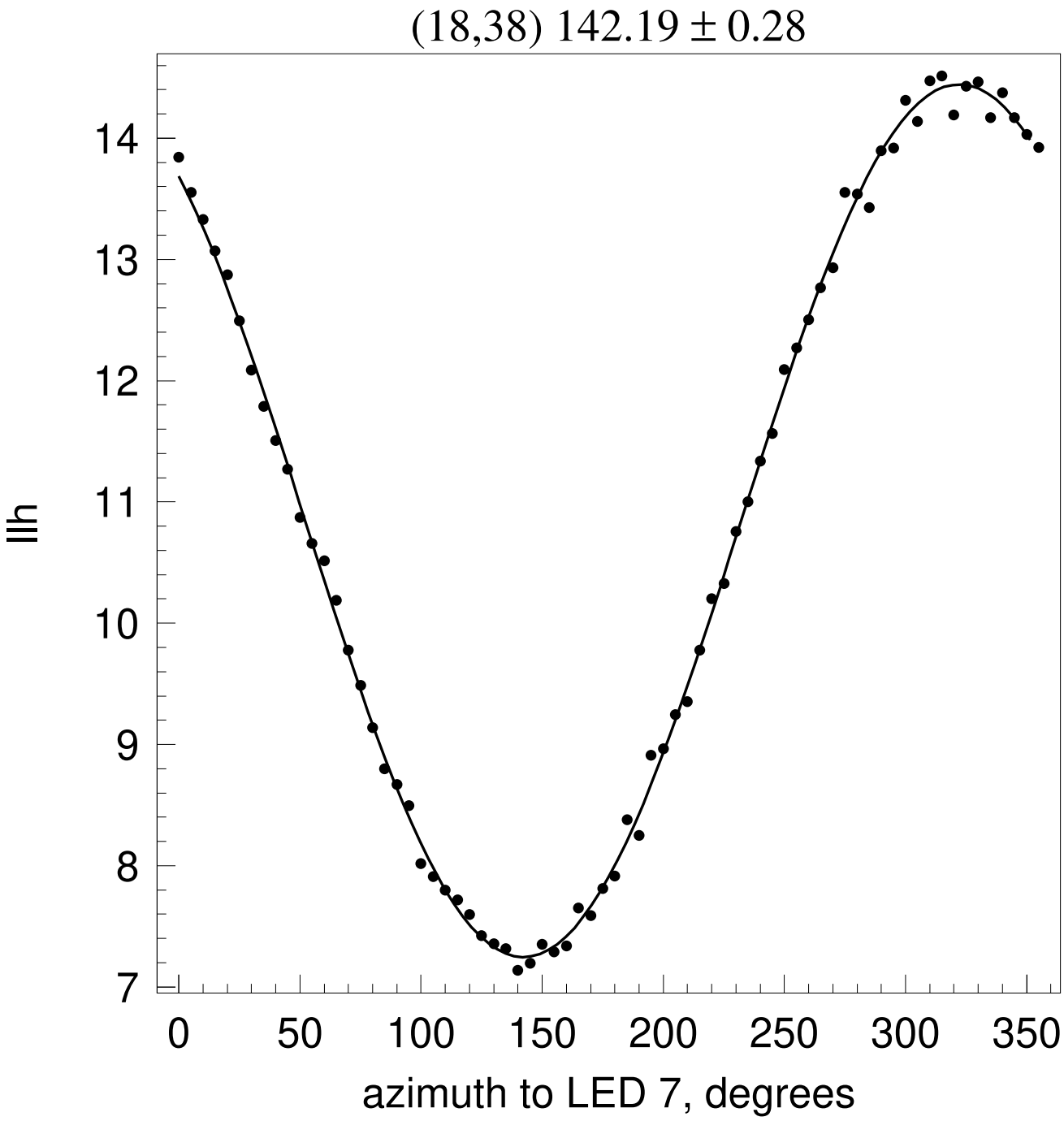

(18,33) 108.41 ± 0.22
32
30
28
26
24
22
20
18
16
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

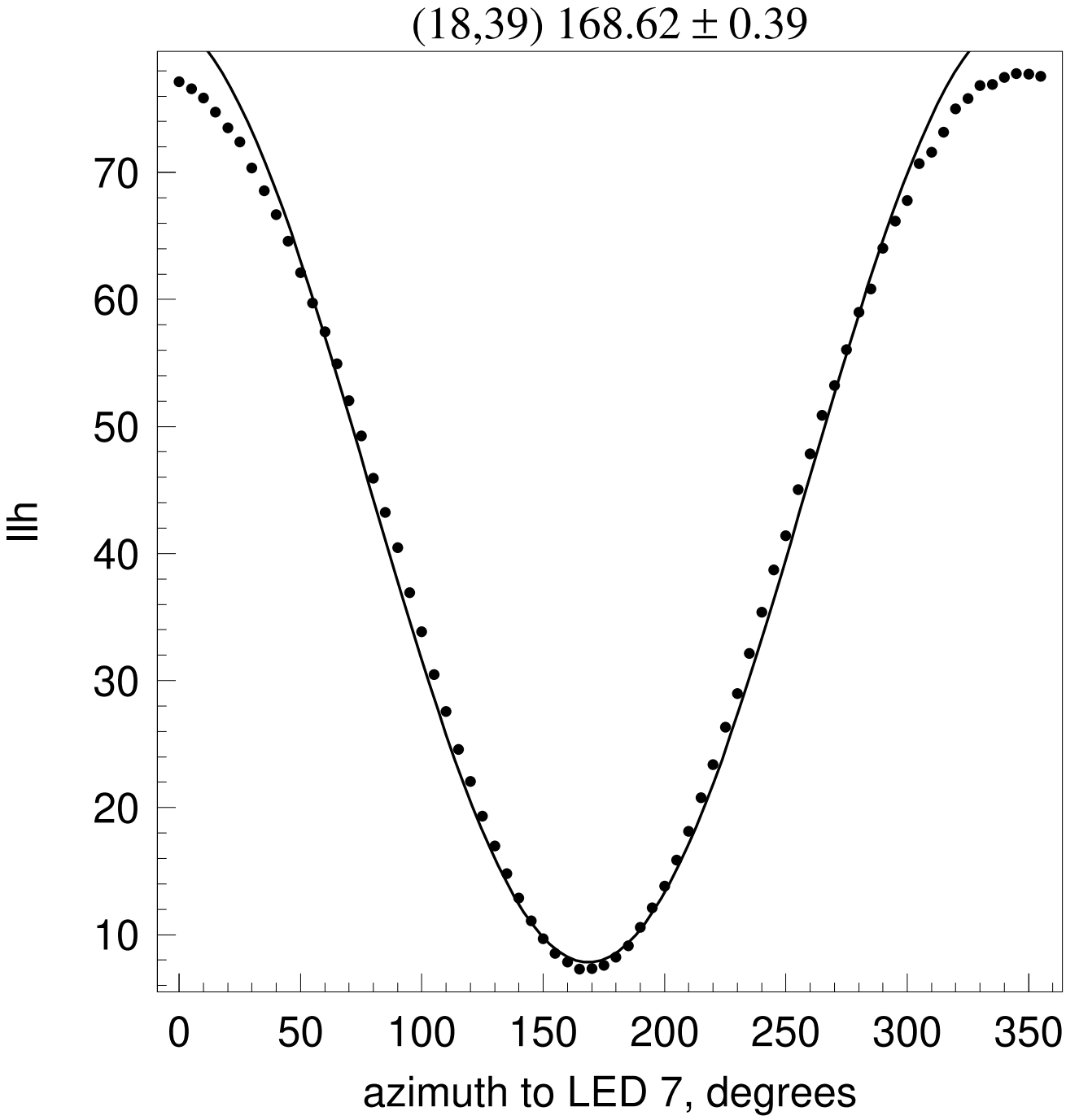

(18,34) 359.09 ± 0.44
38
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

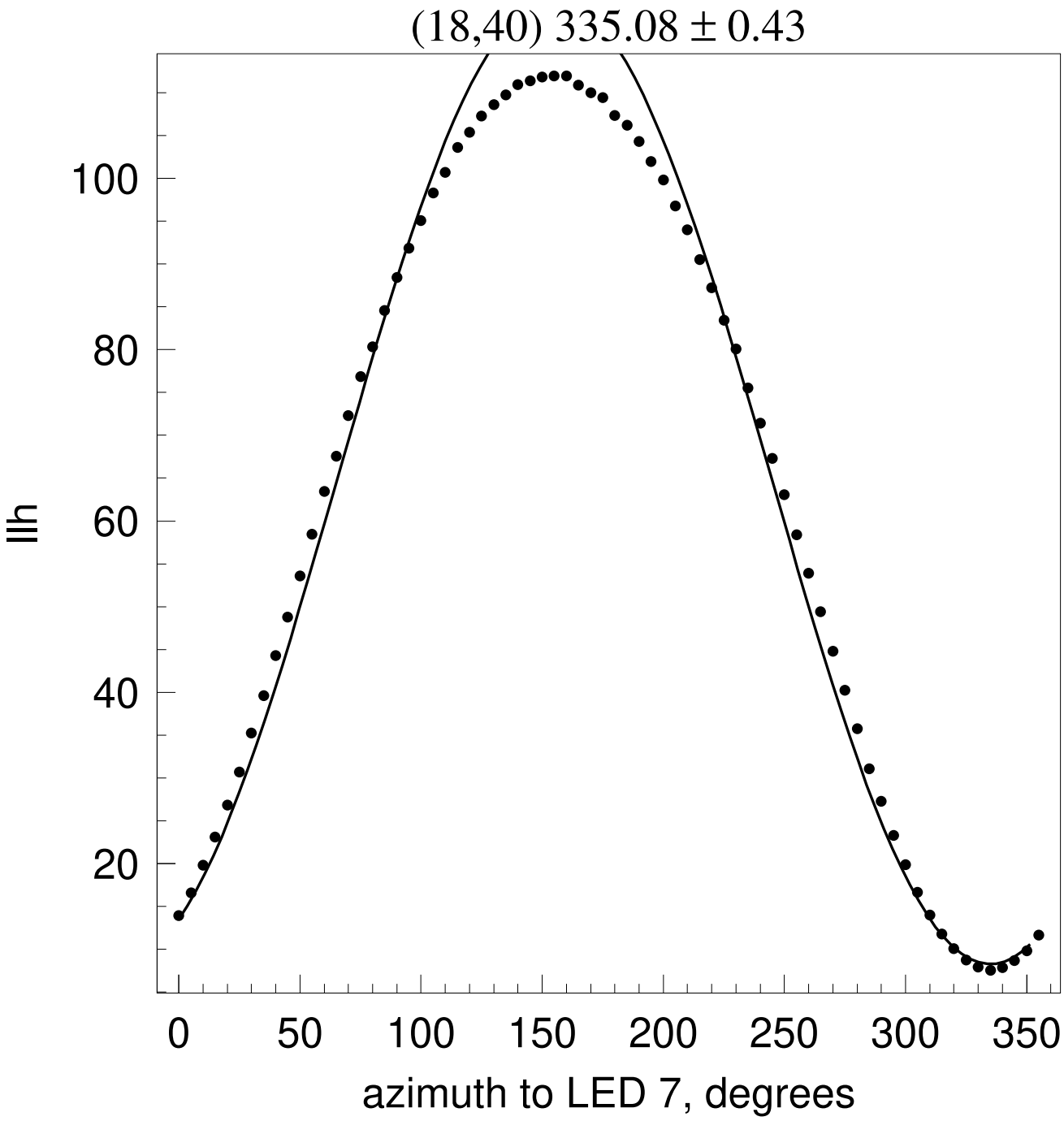

(18,35) 354.46 ± 5.09
42
41.5
41
40.5
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

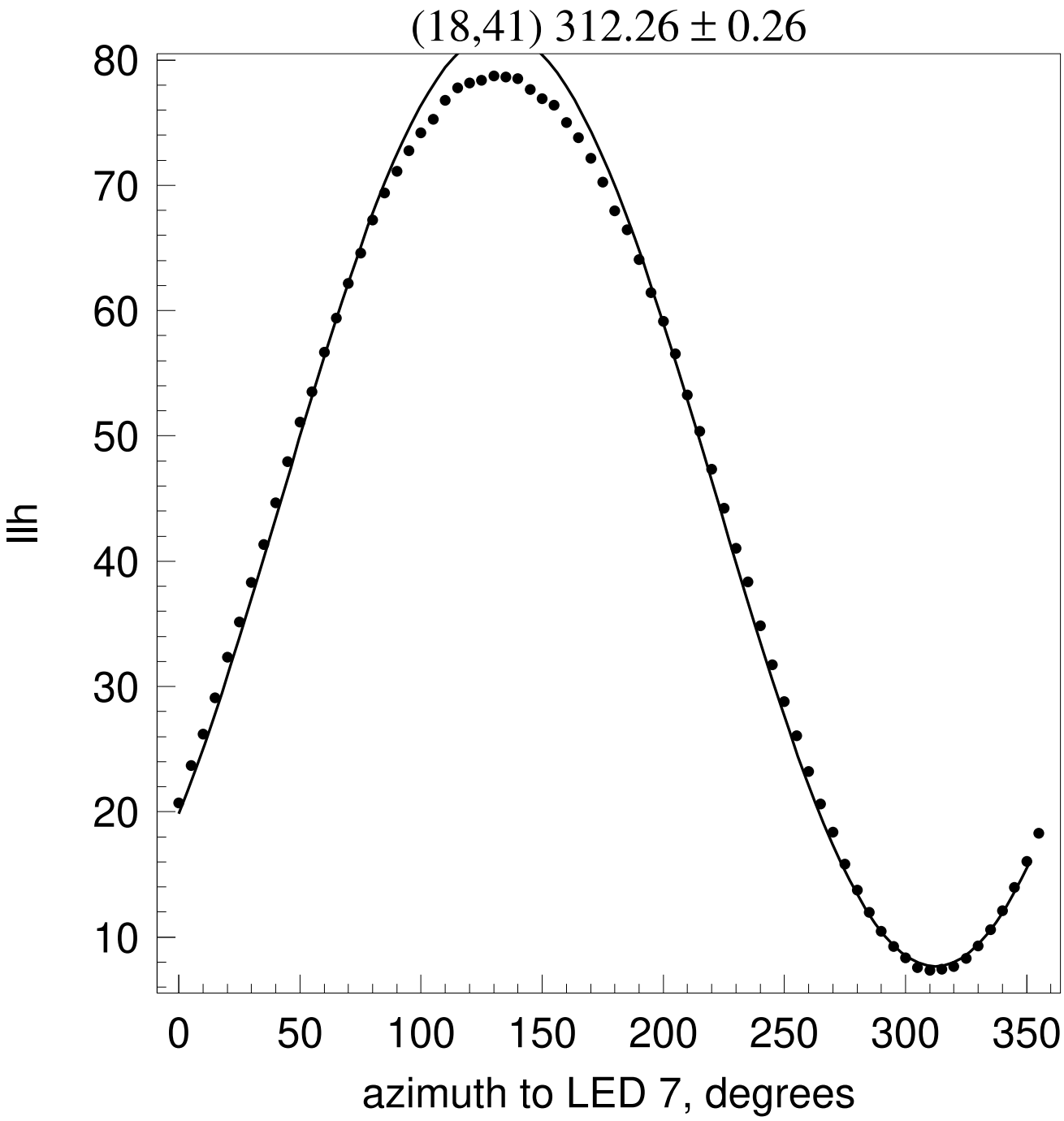

(18,36) 103.93 ± 29.86
41.5
41
40.5
40
39.5
39
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

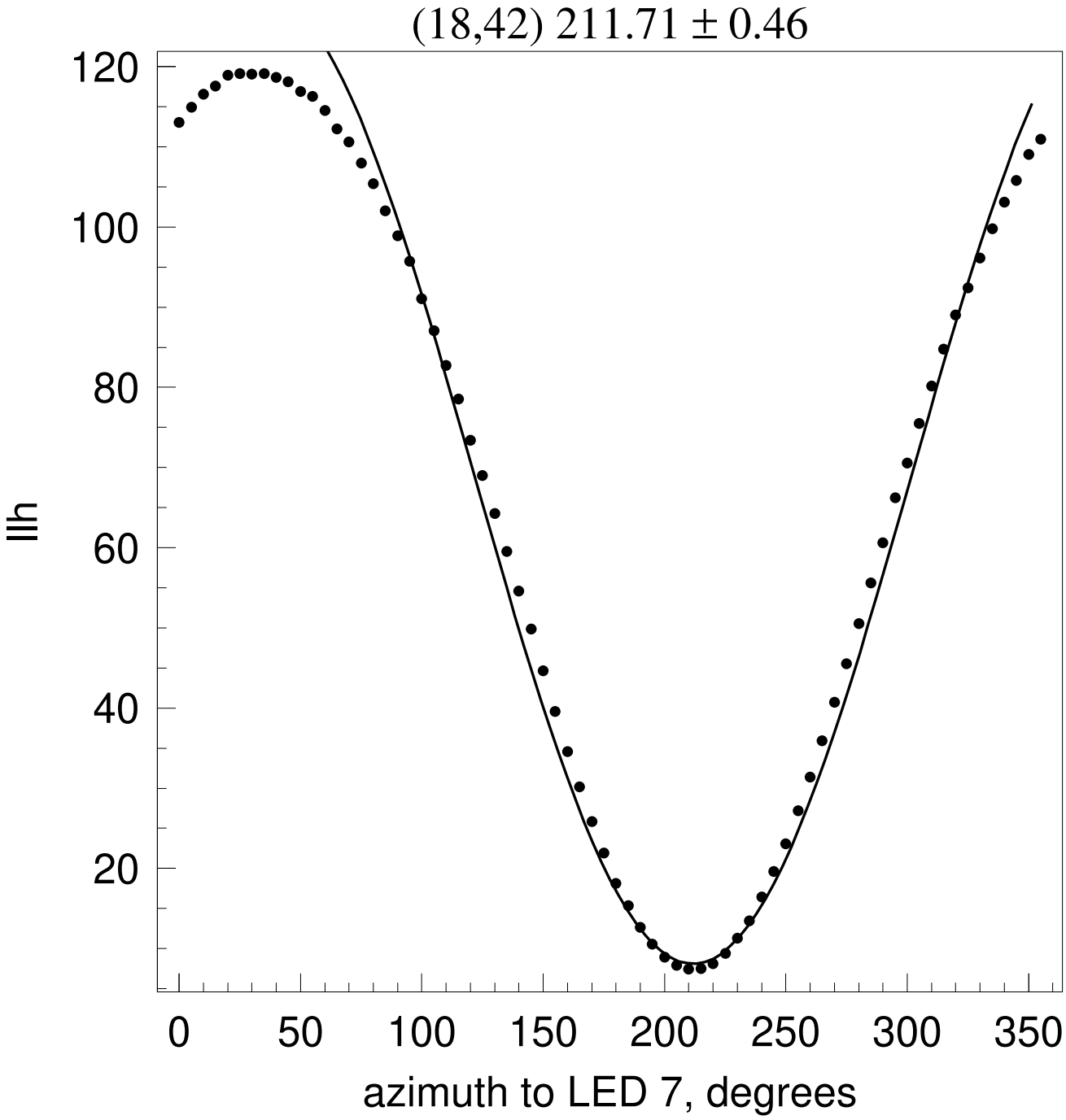

(18,37) 263.48 ± 1.11
llh
26
25
24
23
22
21
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

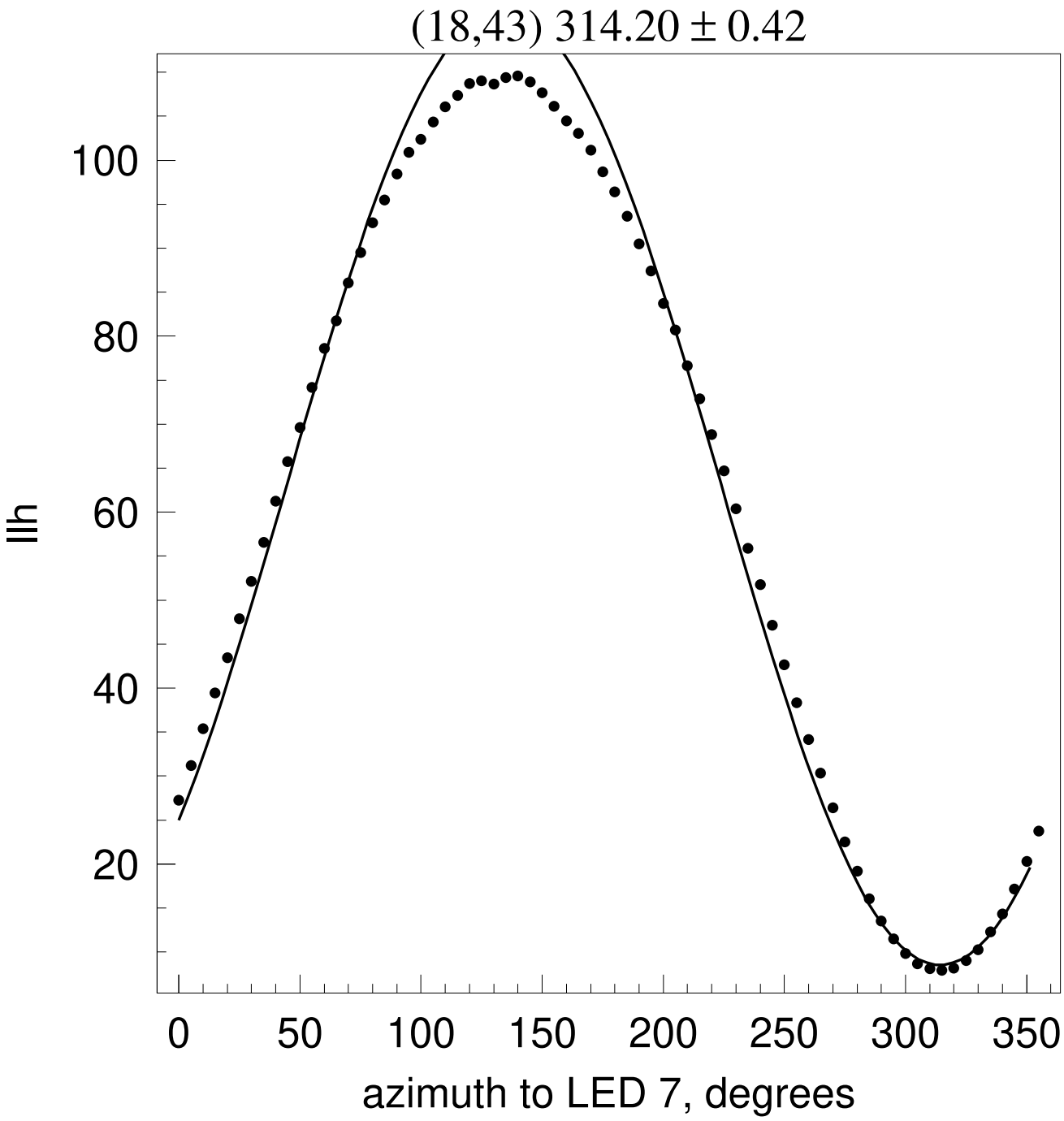

(18,38) 142.19 ± 0.28
14
13
12
11
10
9
8
7
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

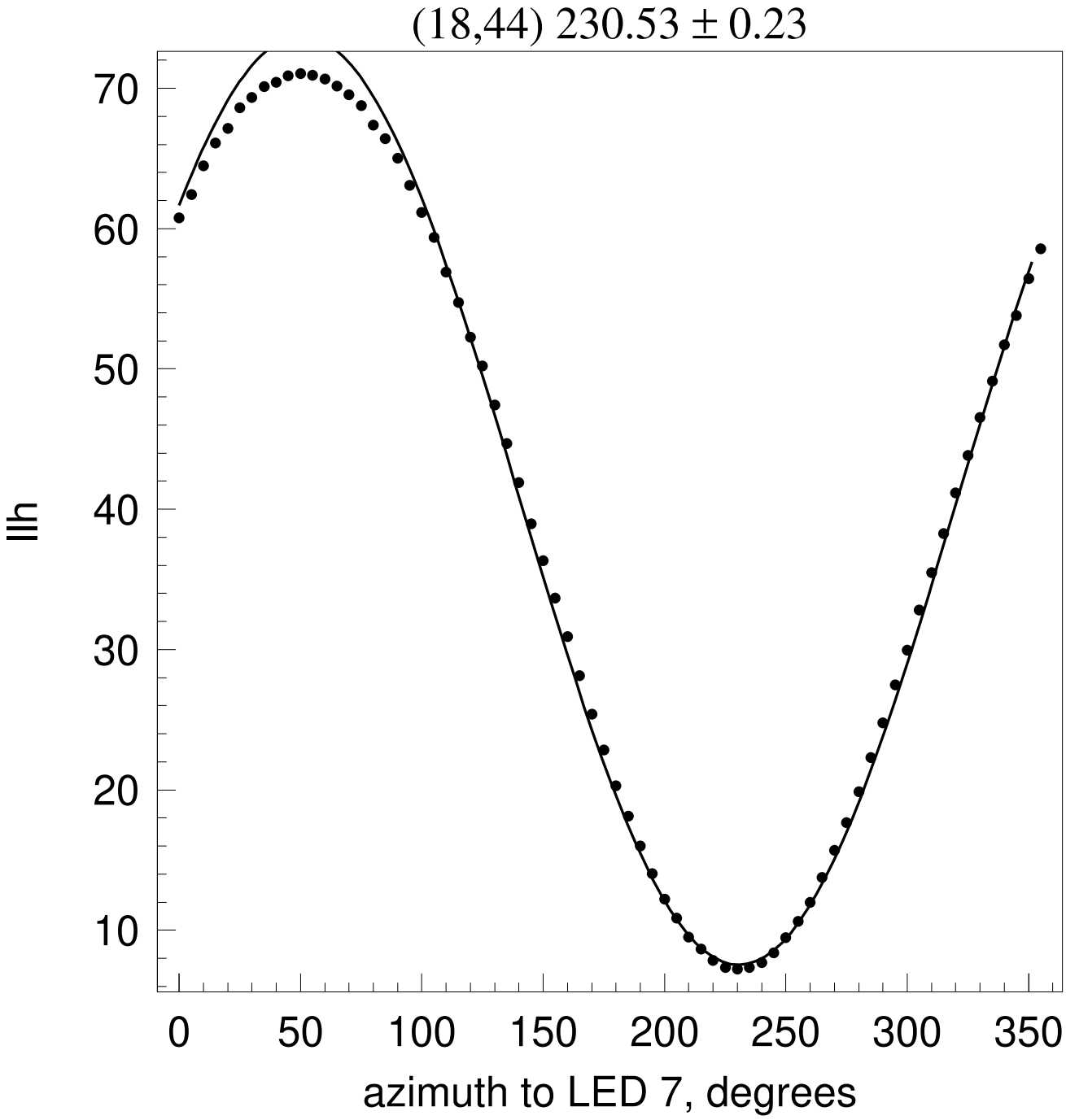

(18,39) 168.62 ± 0.39
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

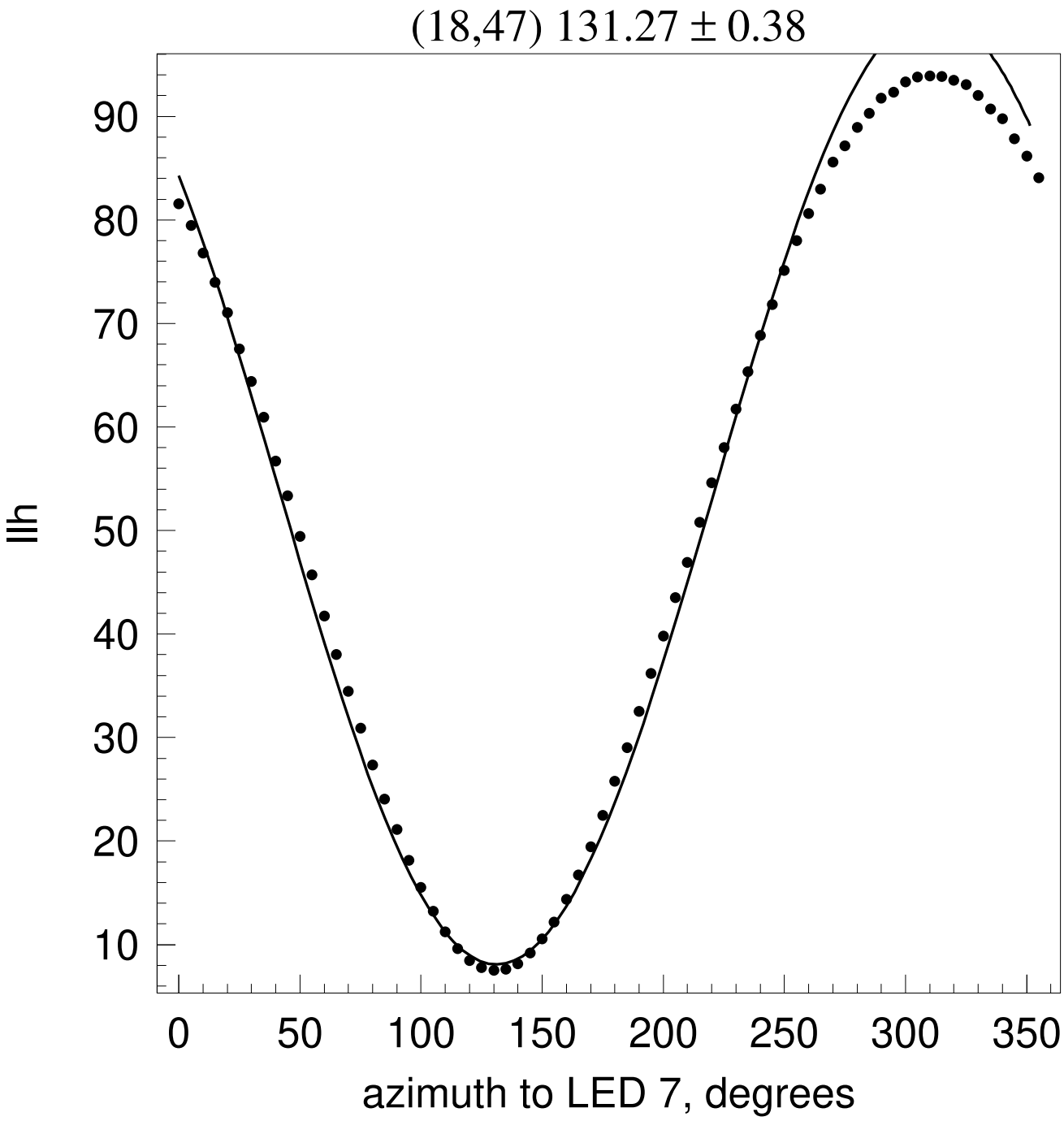

(18,40) 335.08 ± 0.43
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

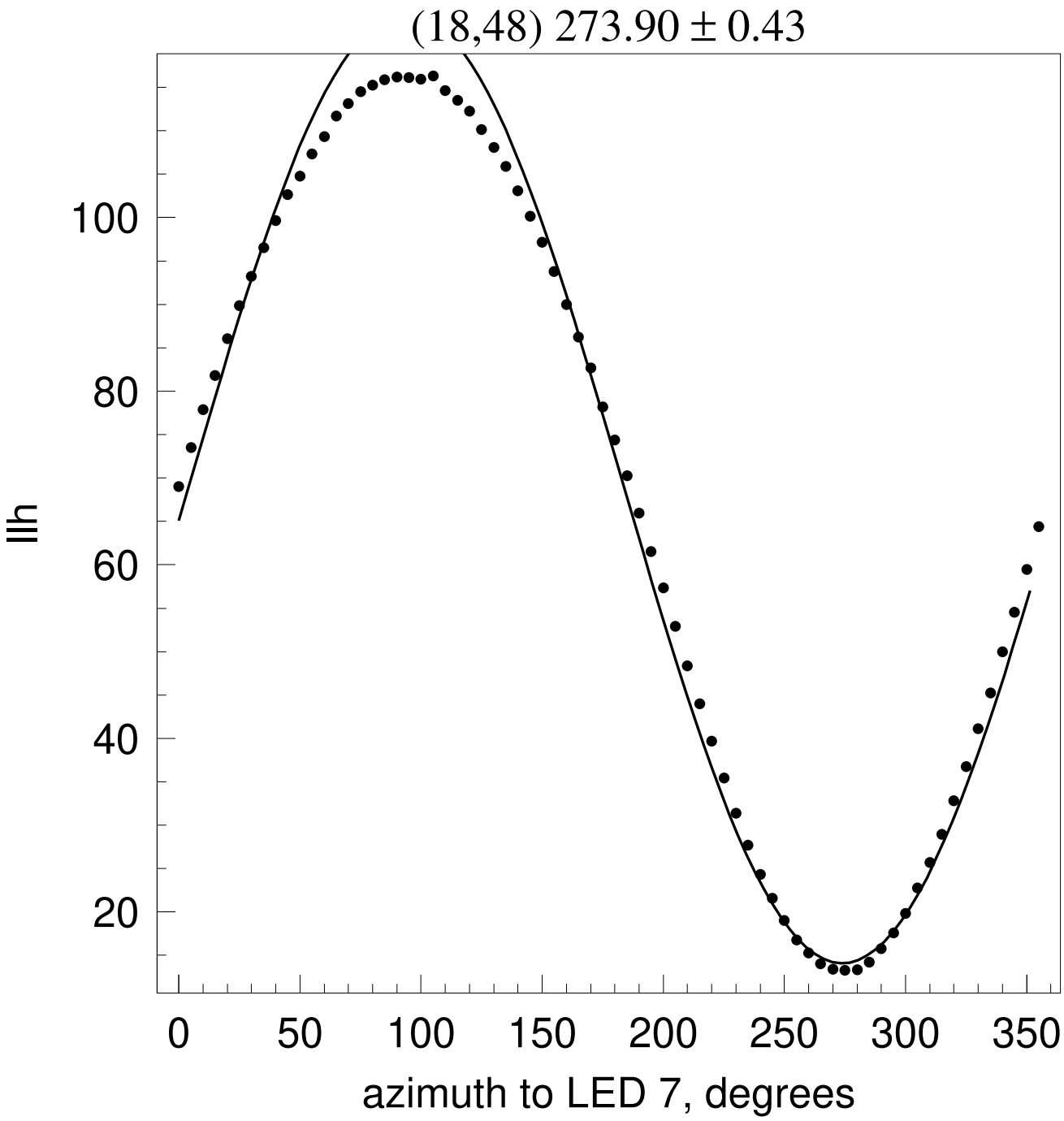

(18,41) 312.26 ± 0.26
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

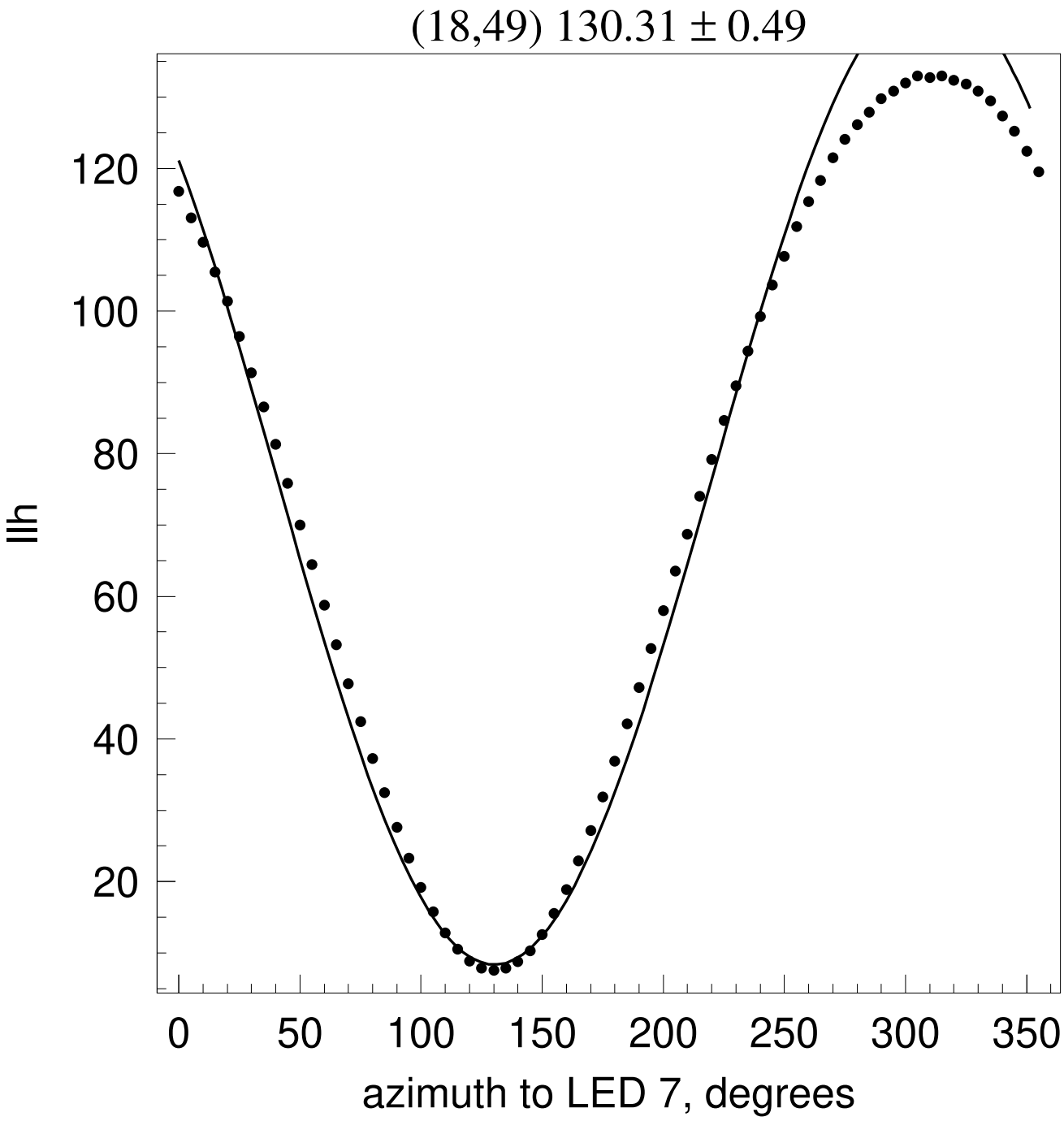

(18,42) 211.71 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

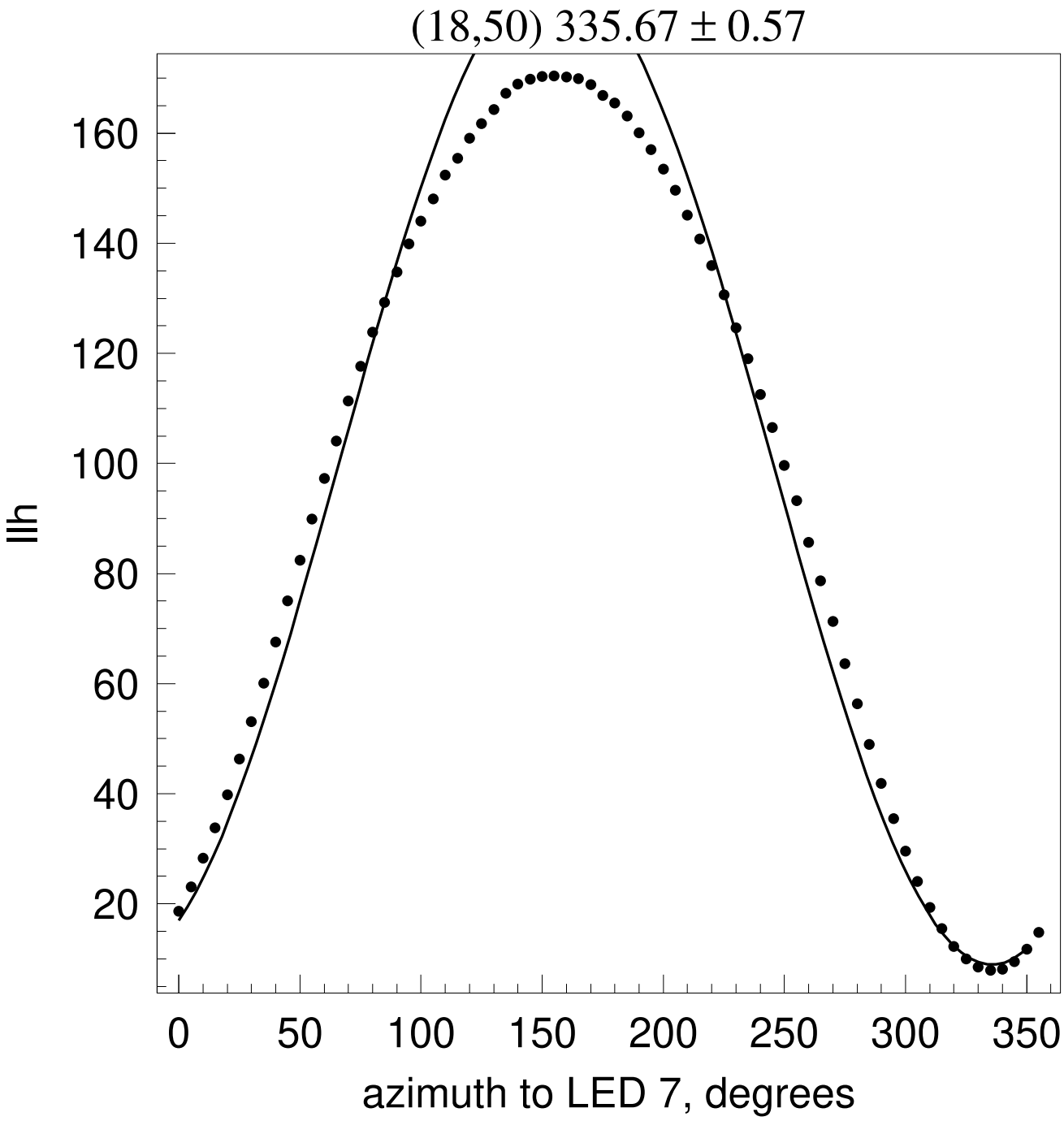

(18,43) 314.20 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

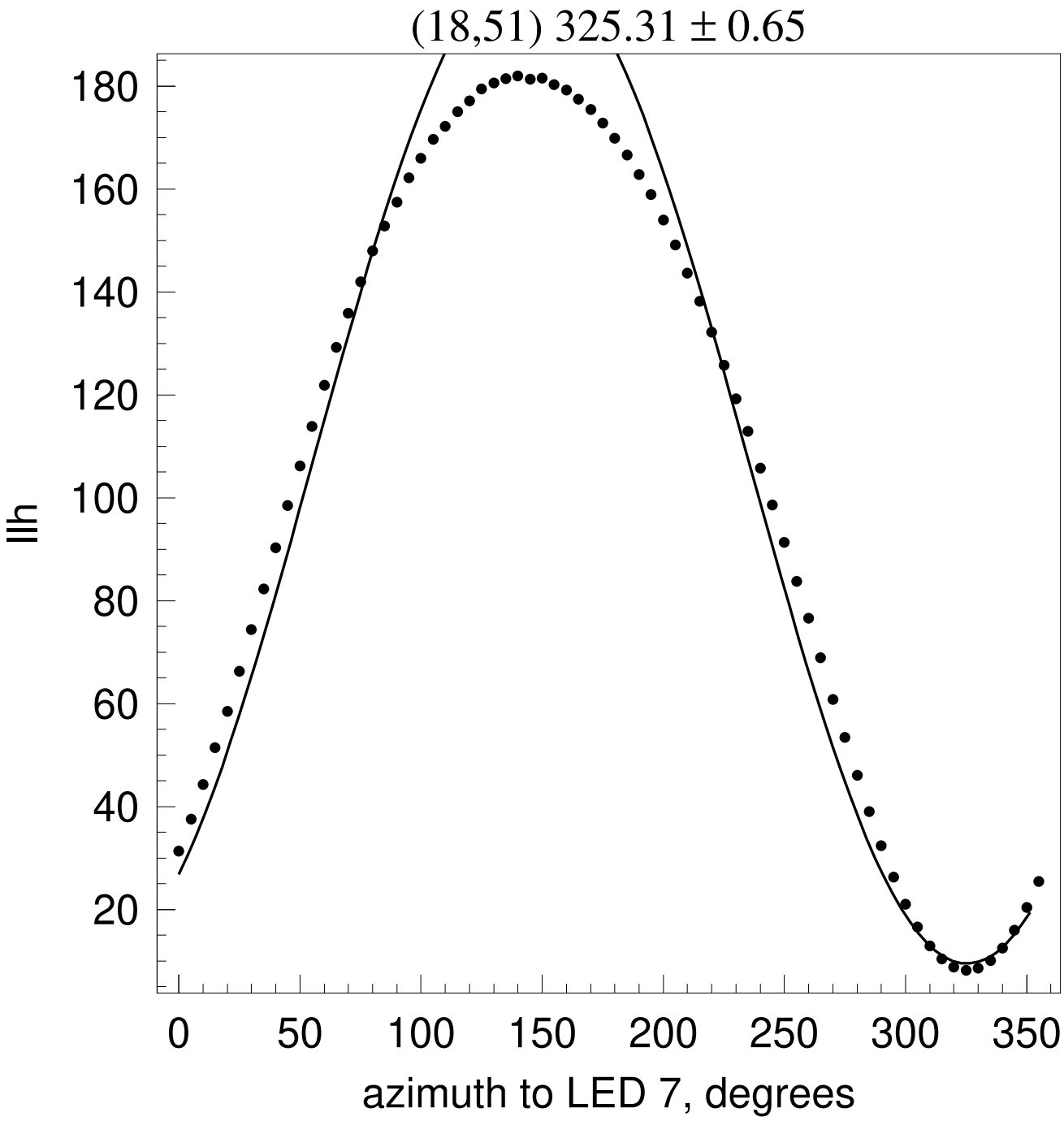

(18,44) 230.53 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

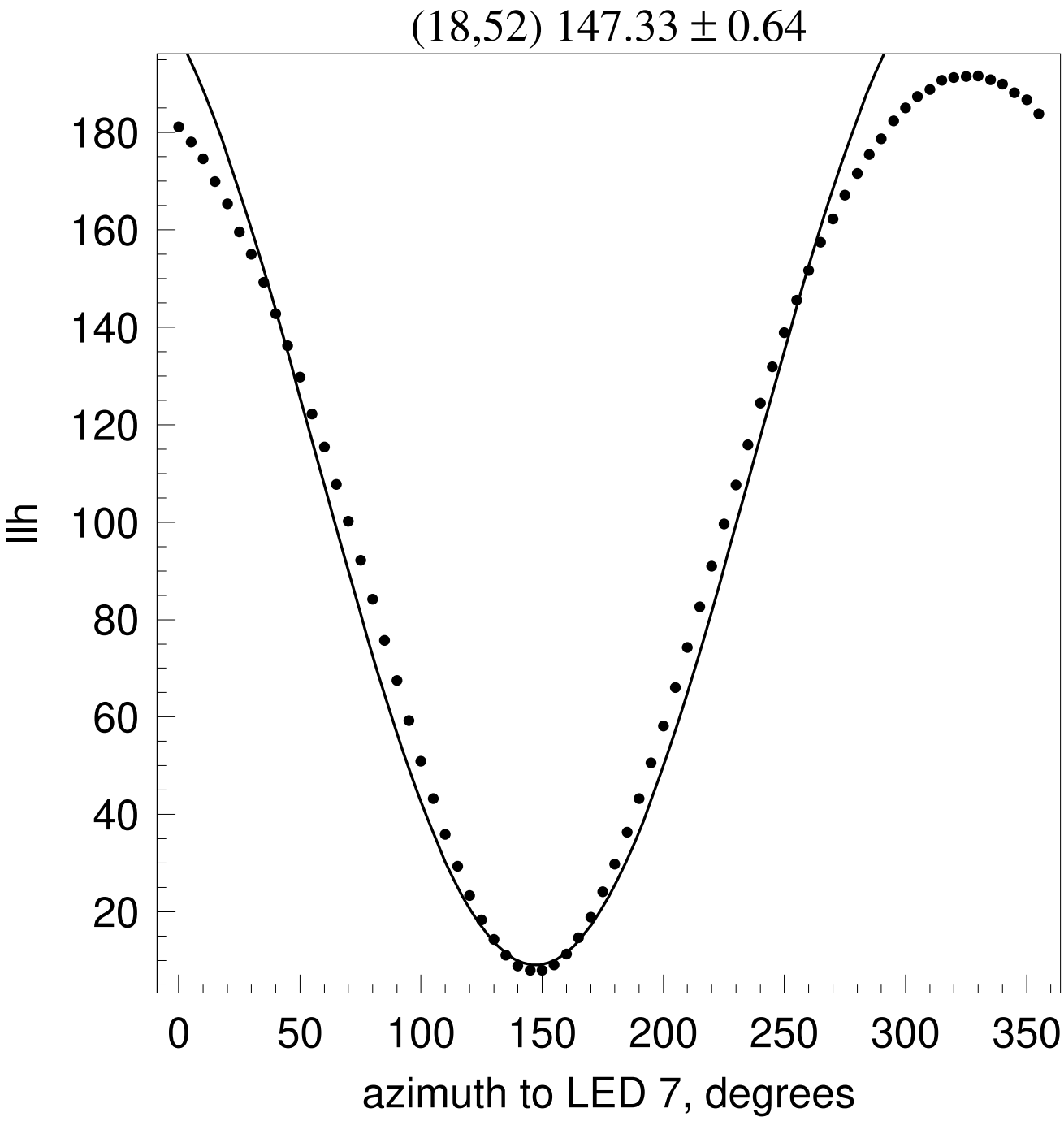

(18,47) 131.27 ± 0.38
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

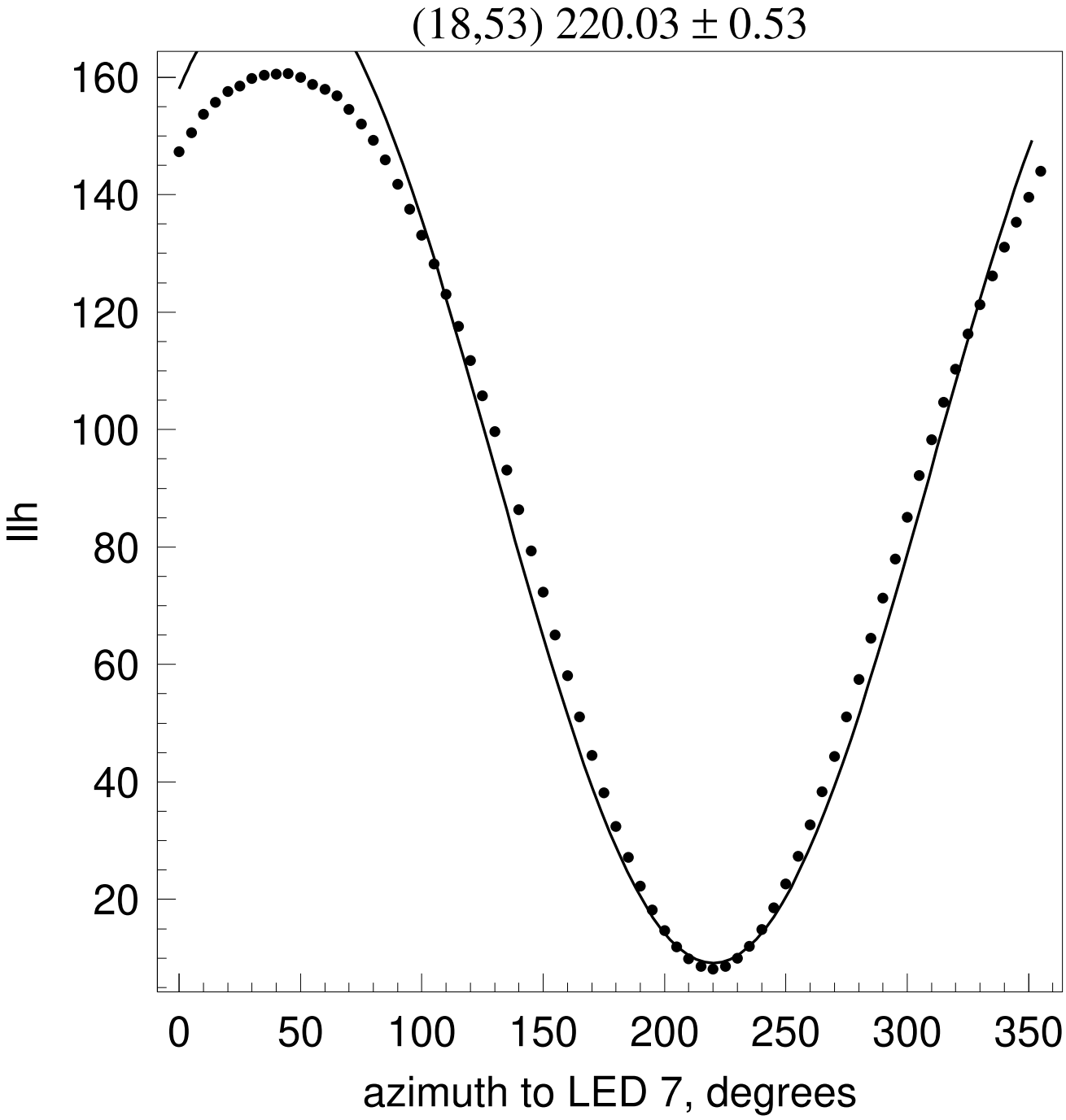

(18,48) 273.90 ± 0.43
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

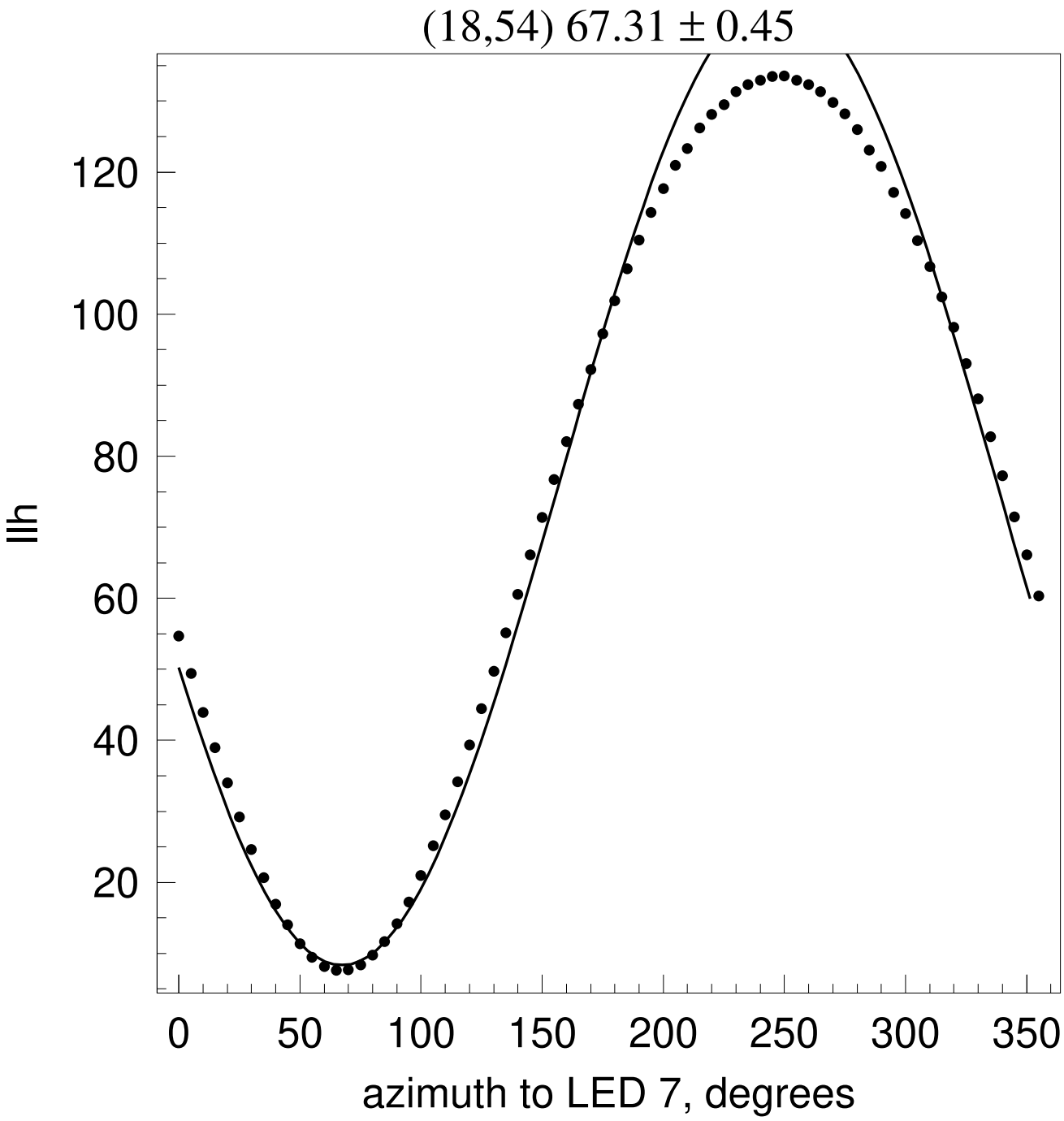

(18,49) 130.31 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

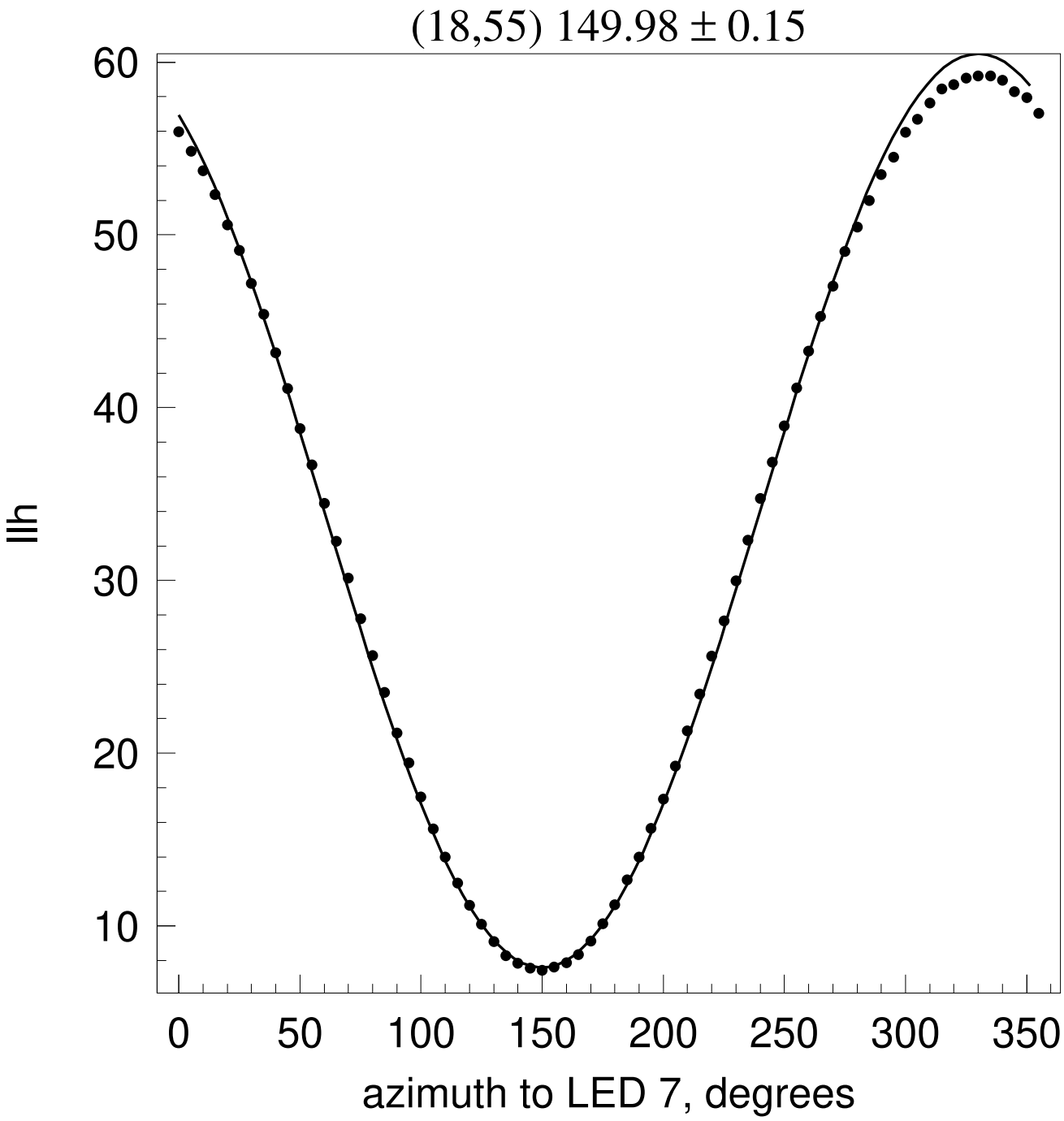

(18,50) 335.67 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

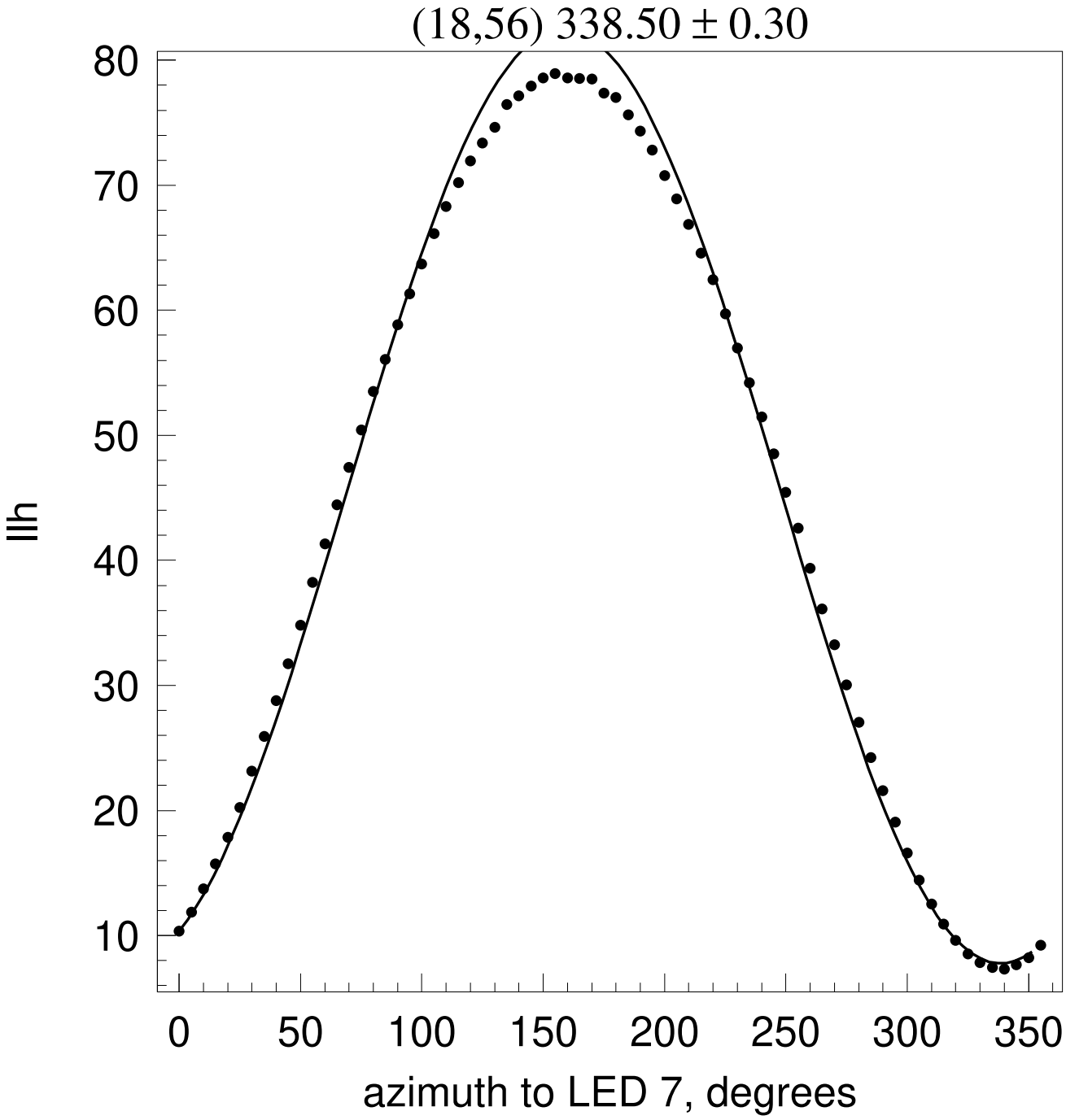

(18,51) 325.31 ± 0.65
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

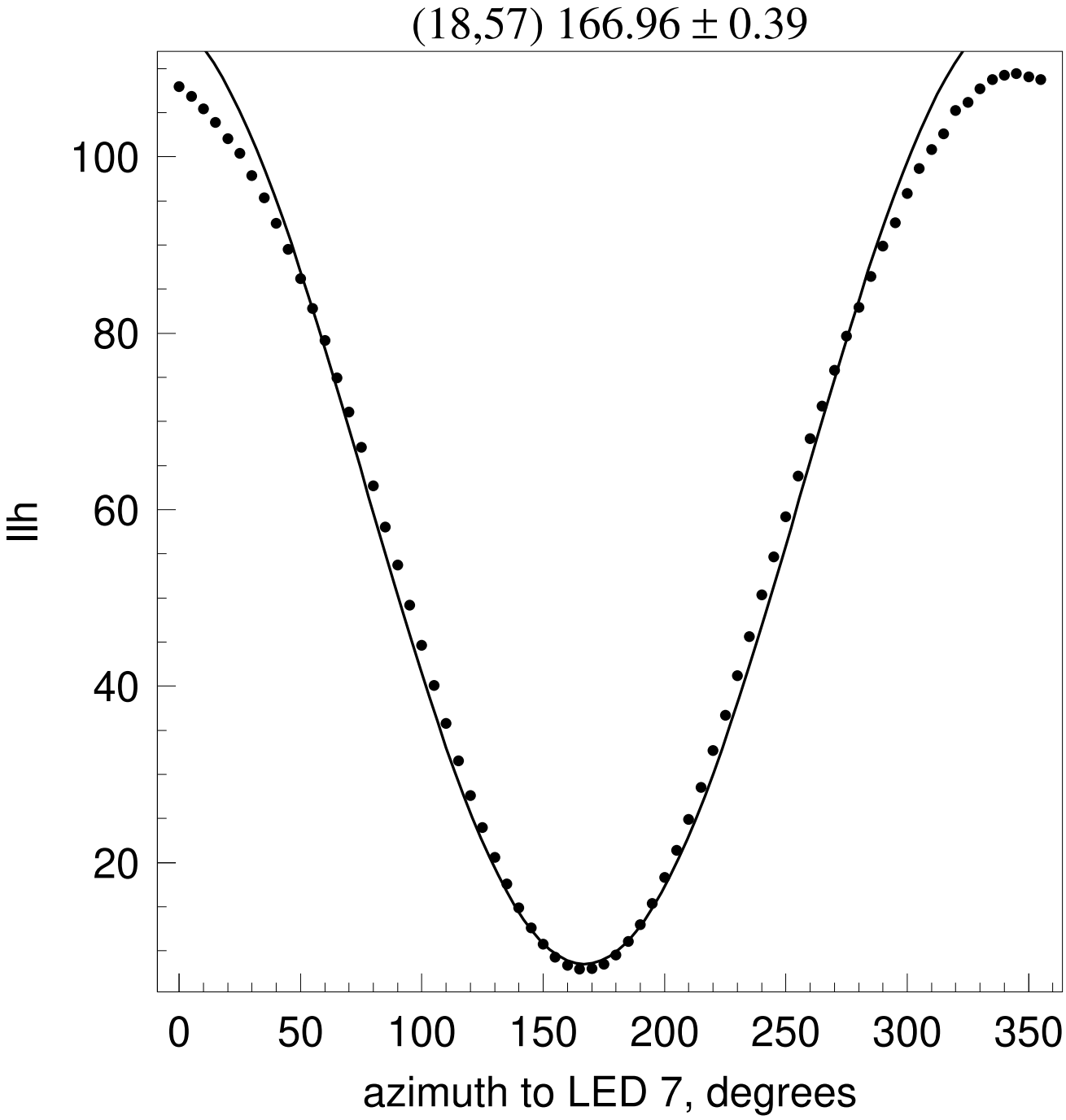

(18,52) 147.33 ± 0.64
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

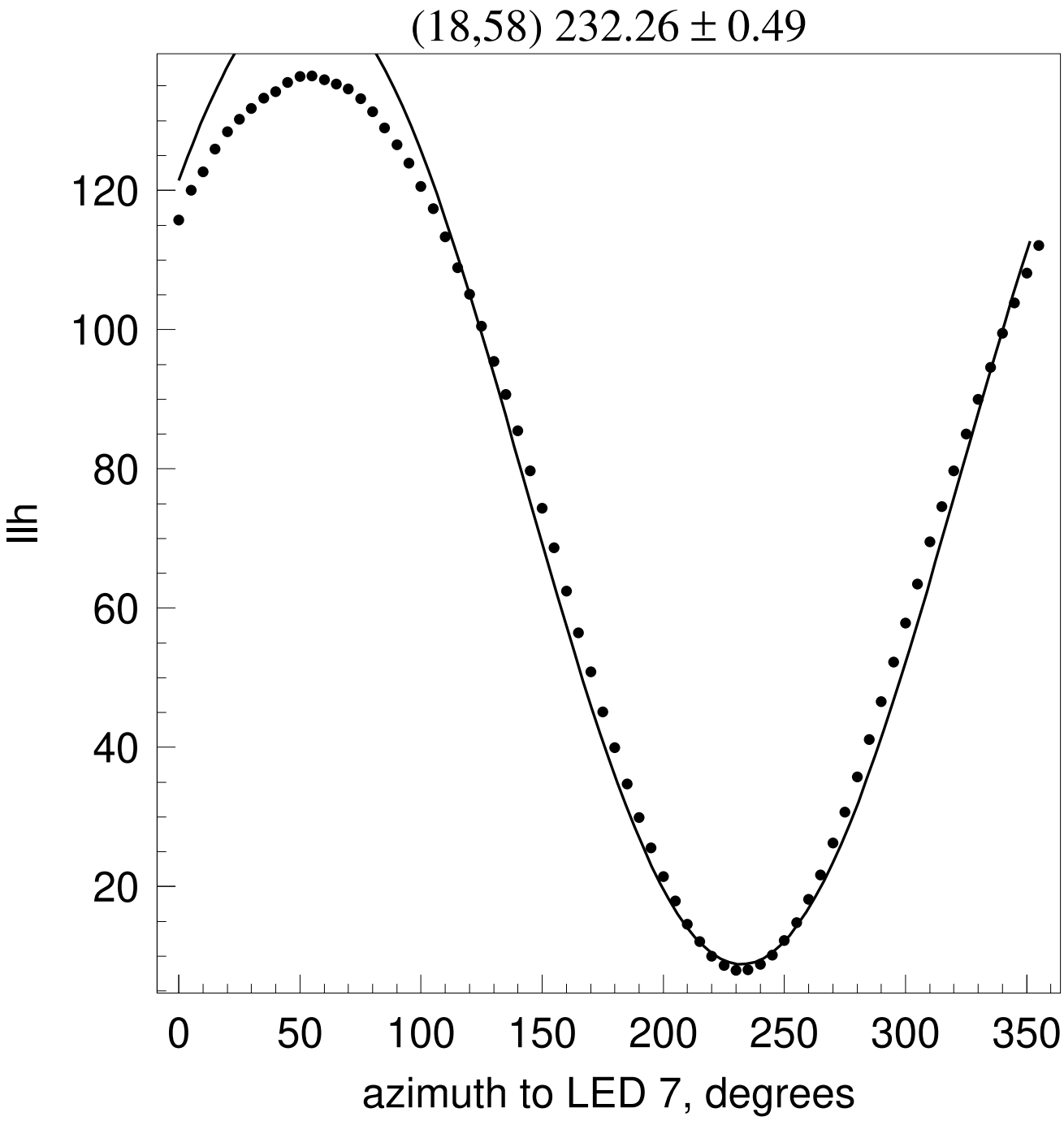

(18,53) 220.03 ± 0.53
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

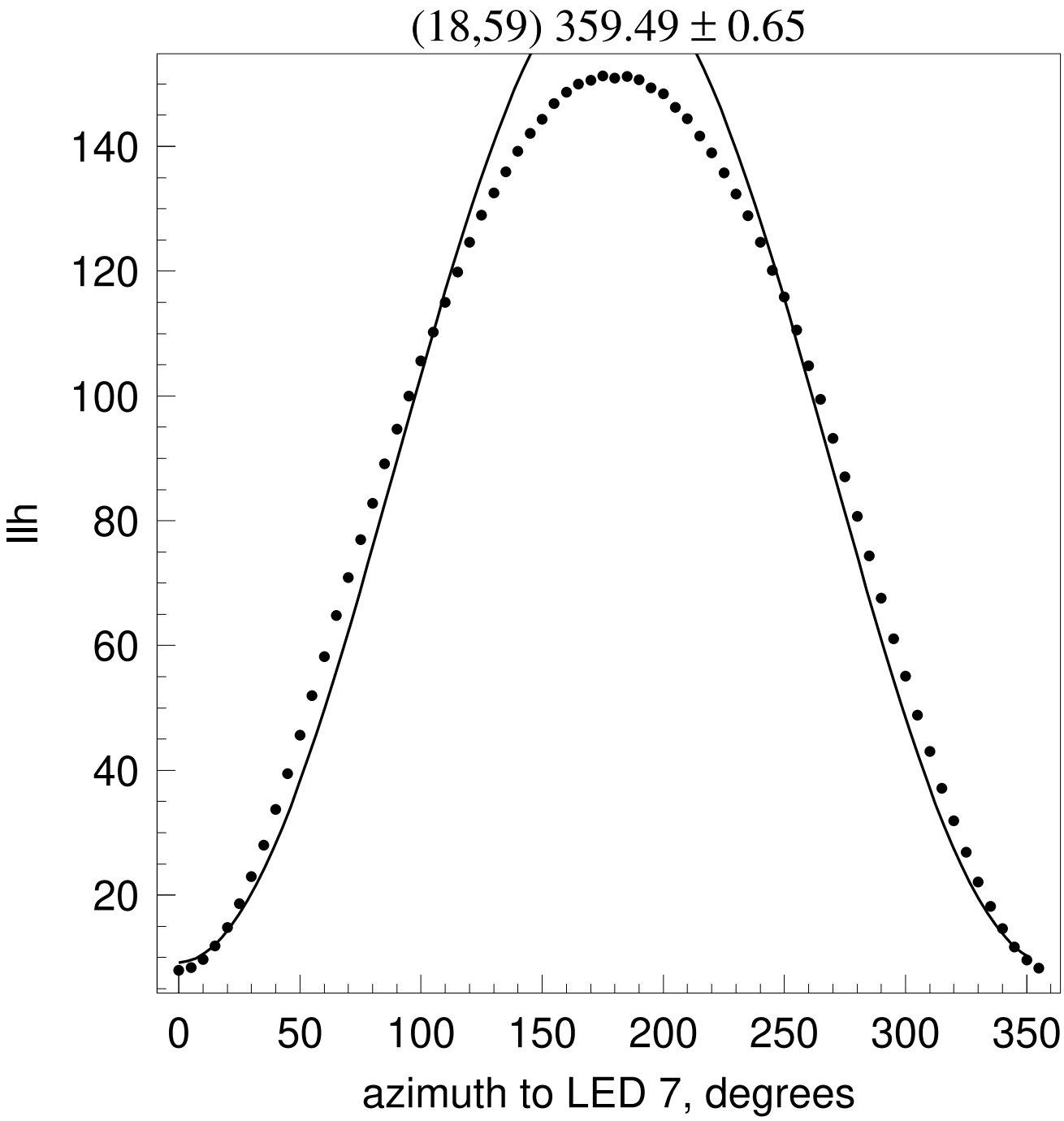

(18,54) 67.31 ± 0.45
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

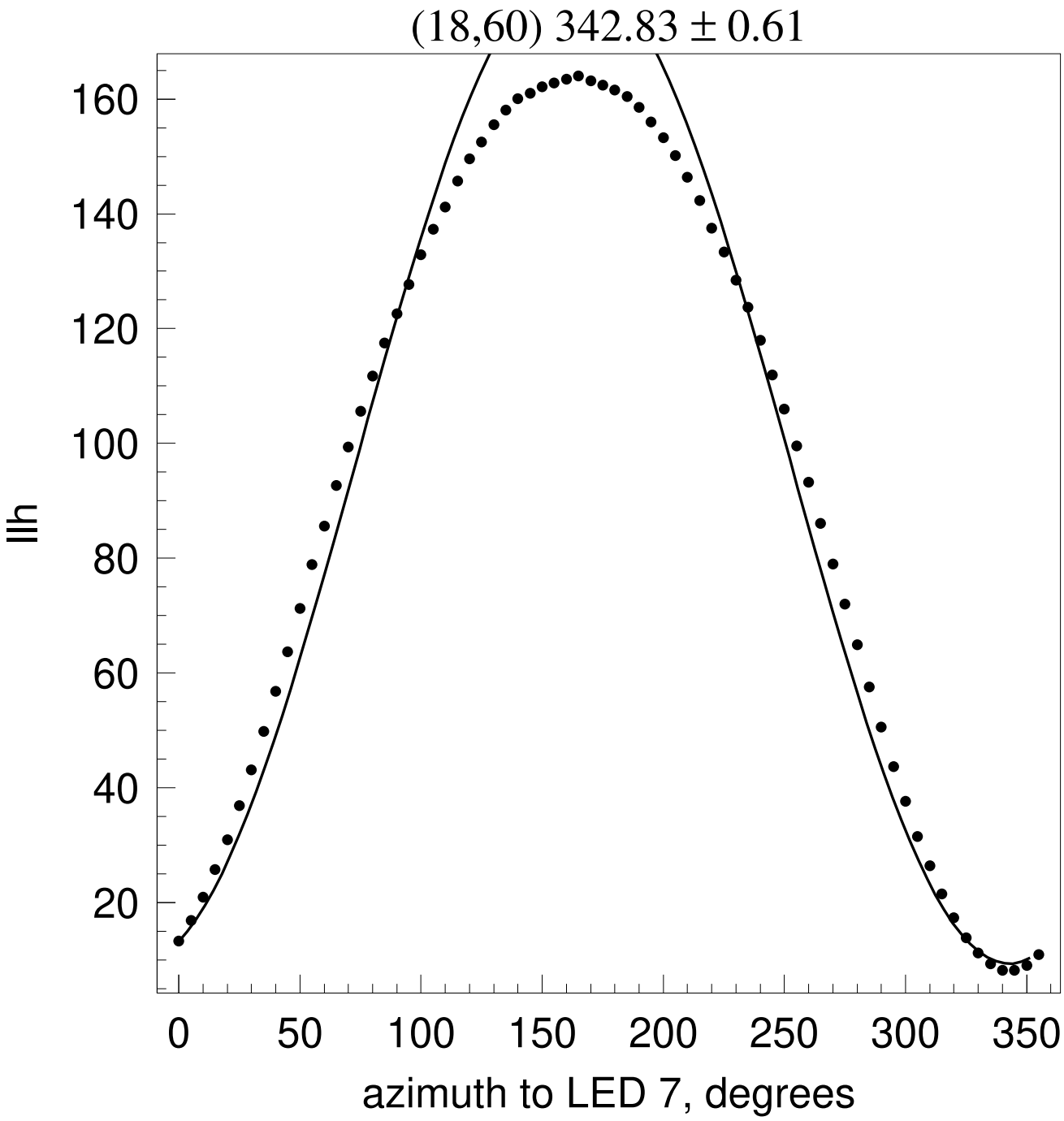

(18,55) 149.98 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

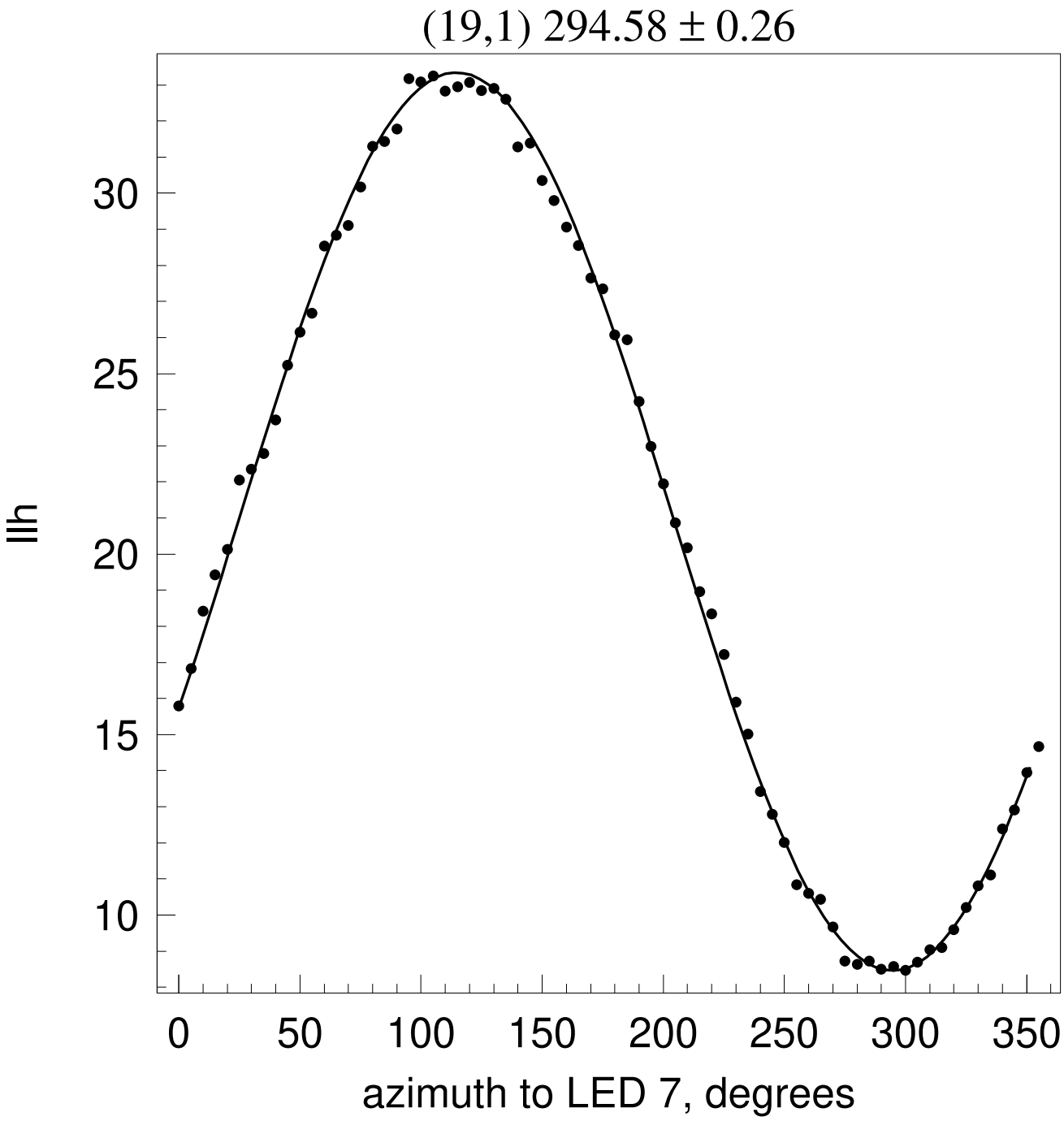

(18,56) 338.50 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

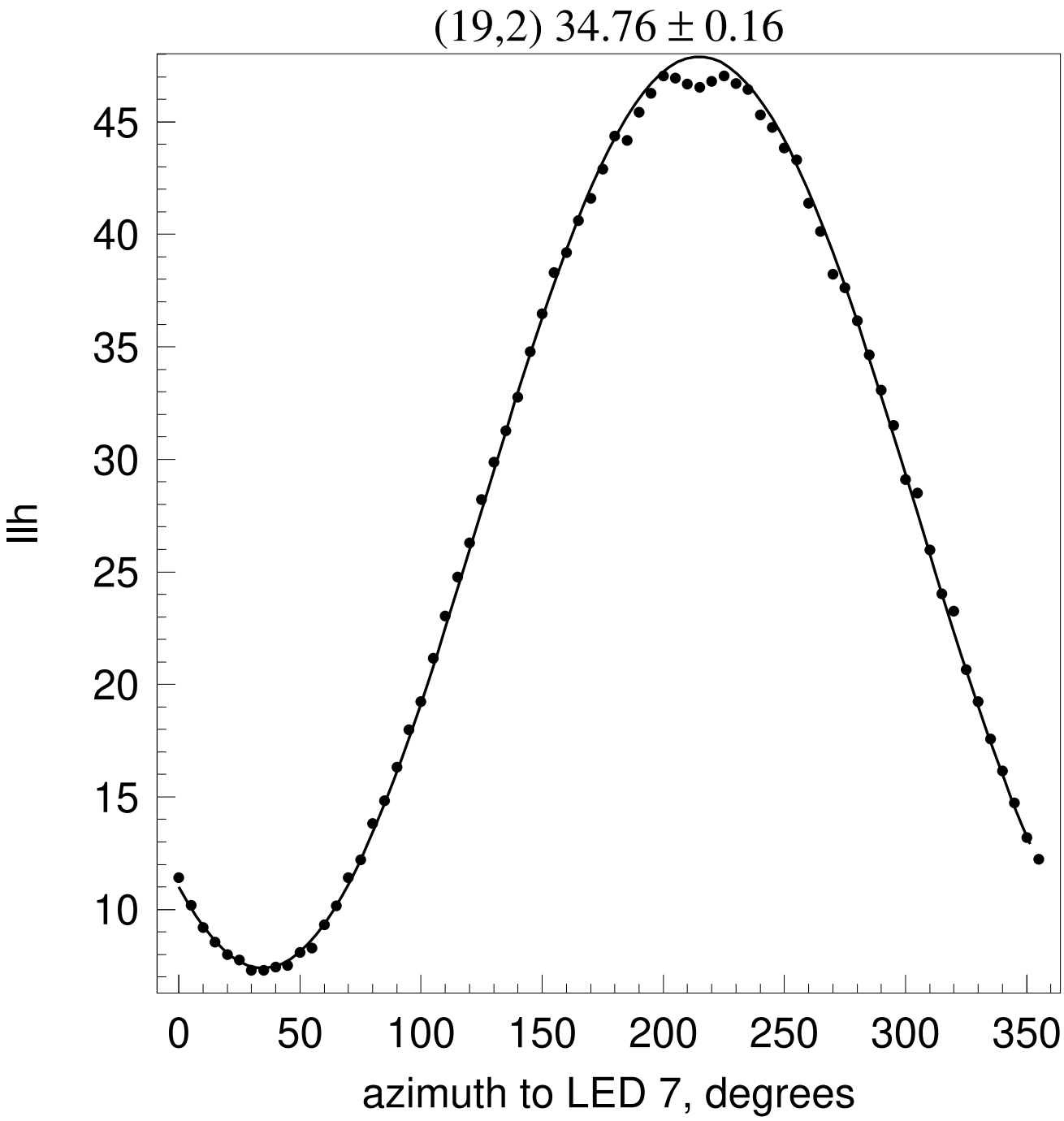

(18,57) 166.96 ± 0.39
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

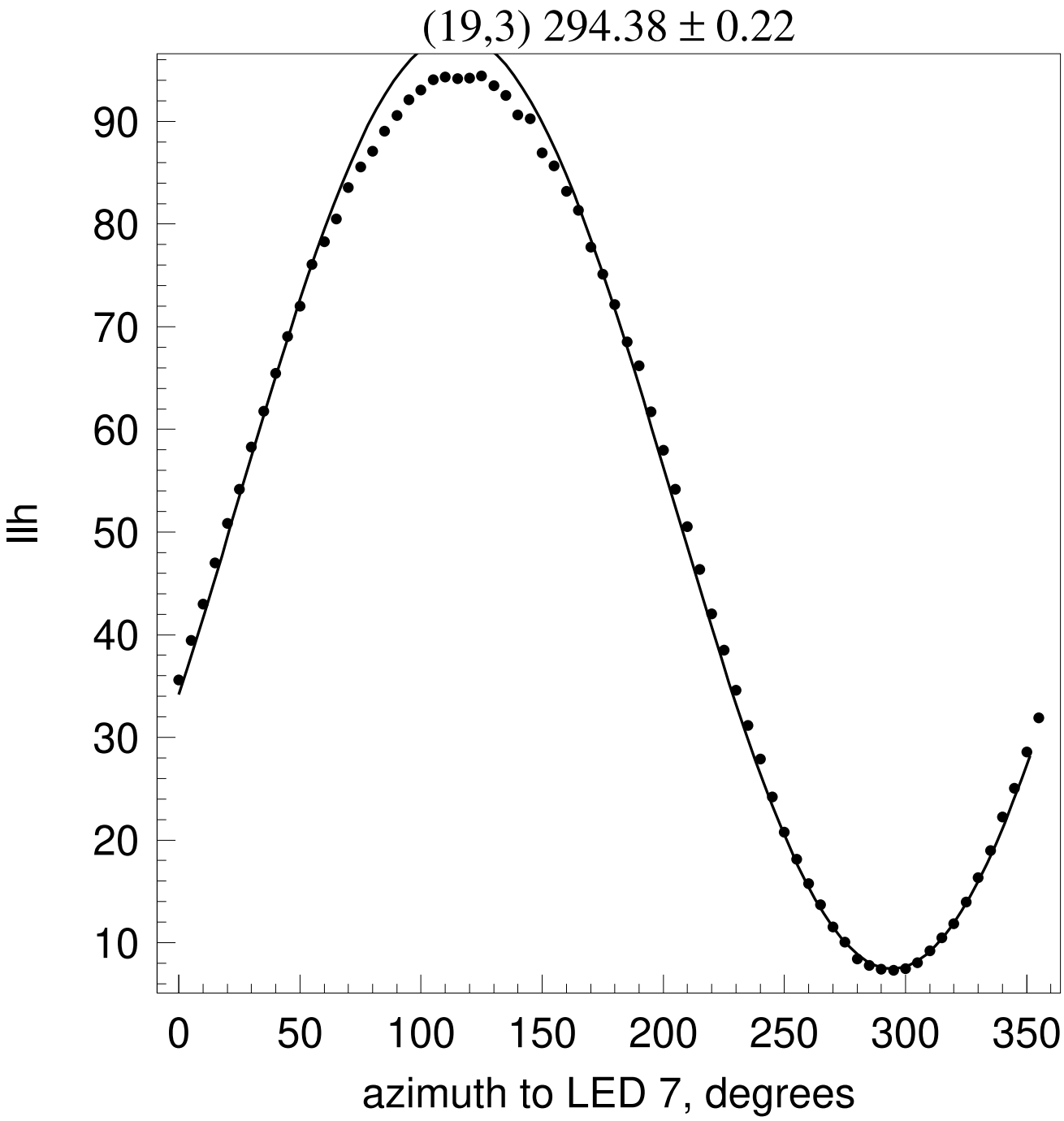

(18,58) 232.26 ± 0.49
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

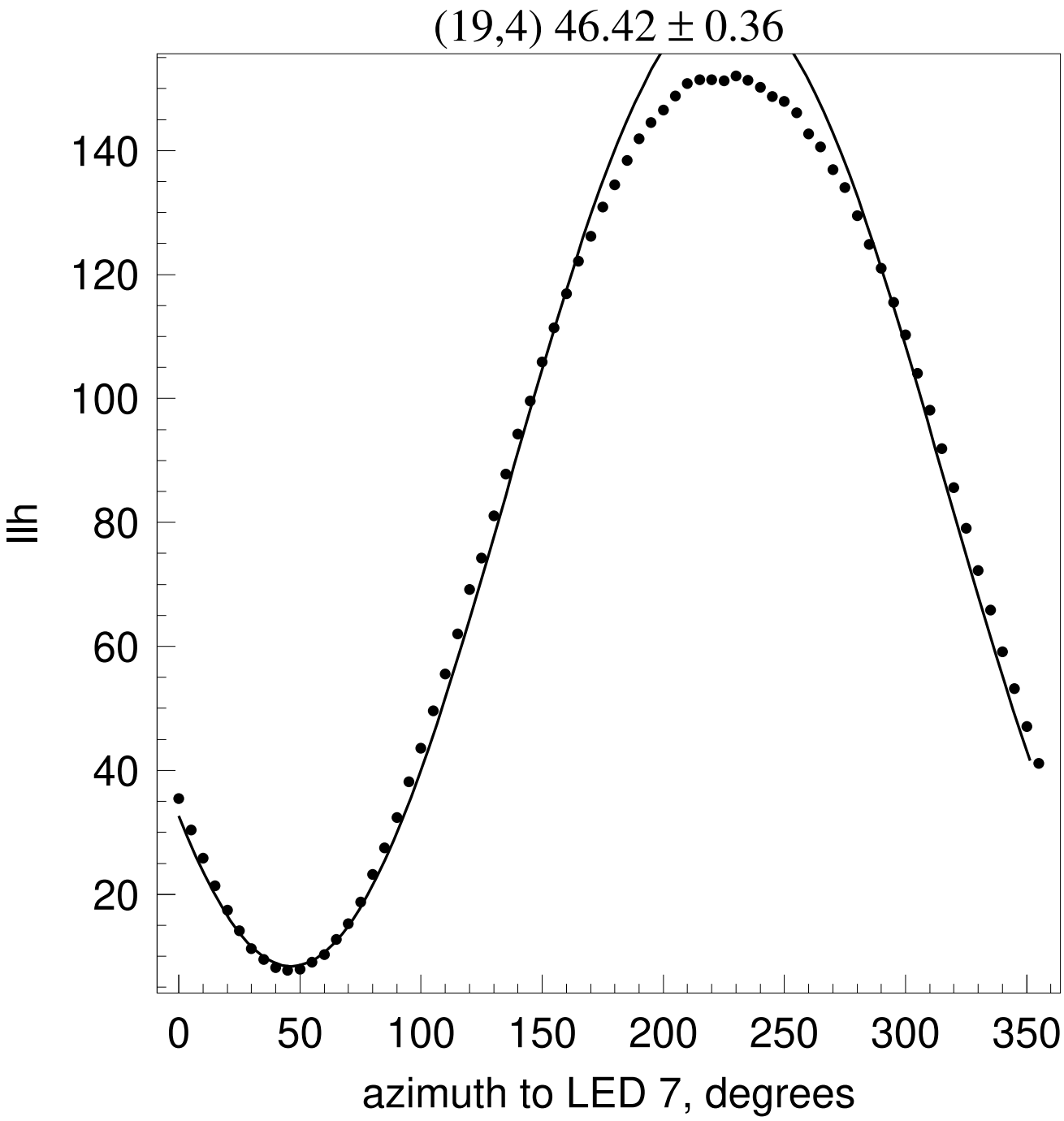

(18,59) 359.49 ± 0.65
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

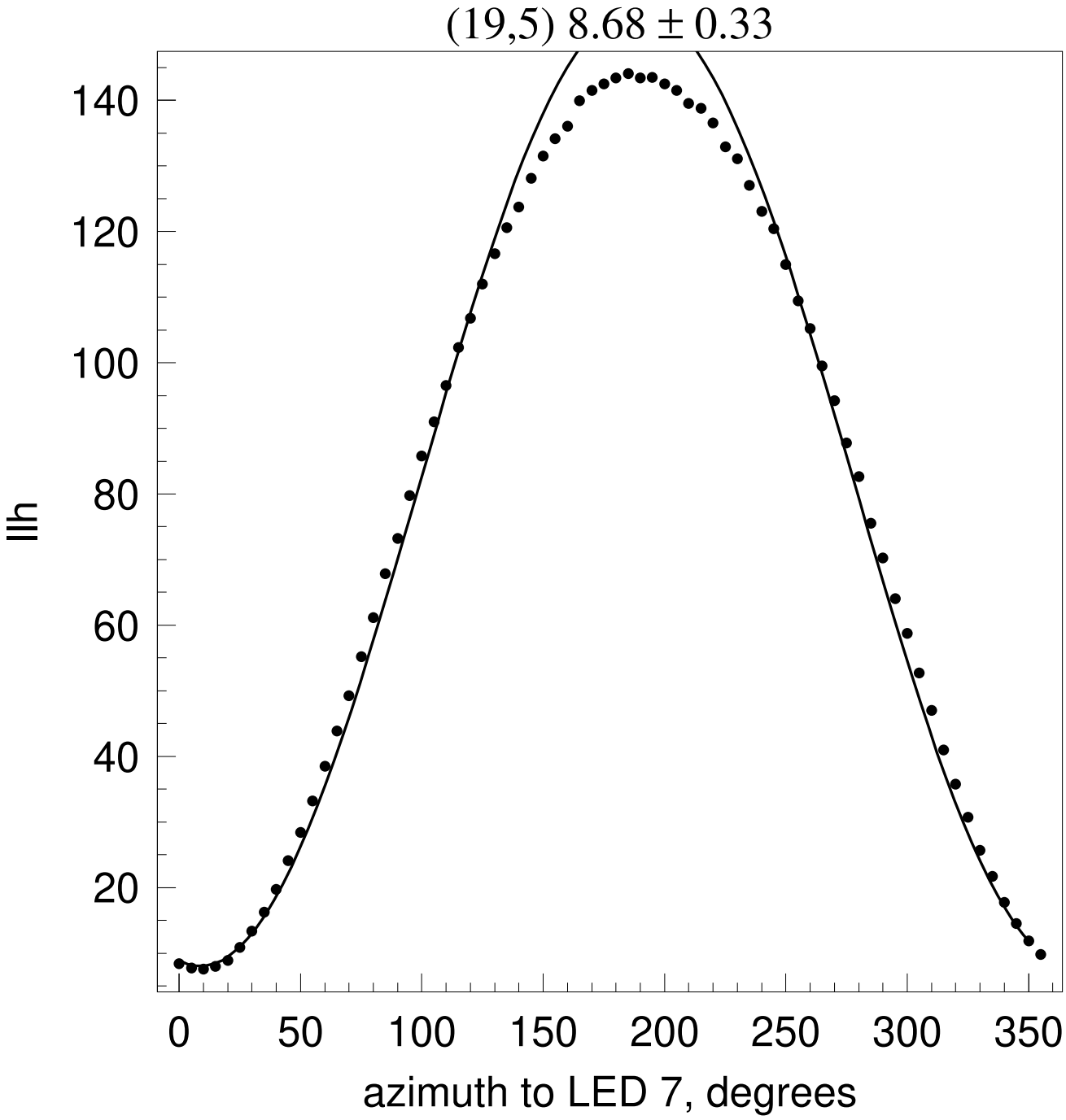

(18,60) 342.83 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

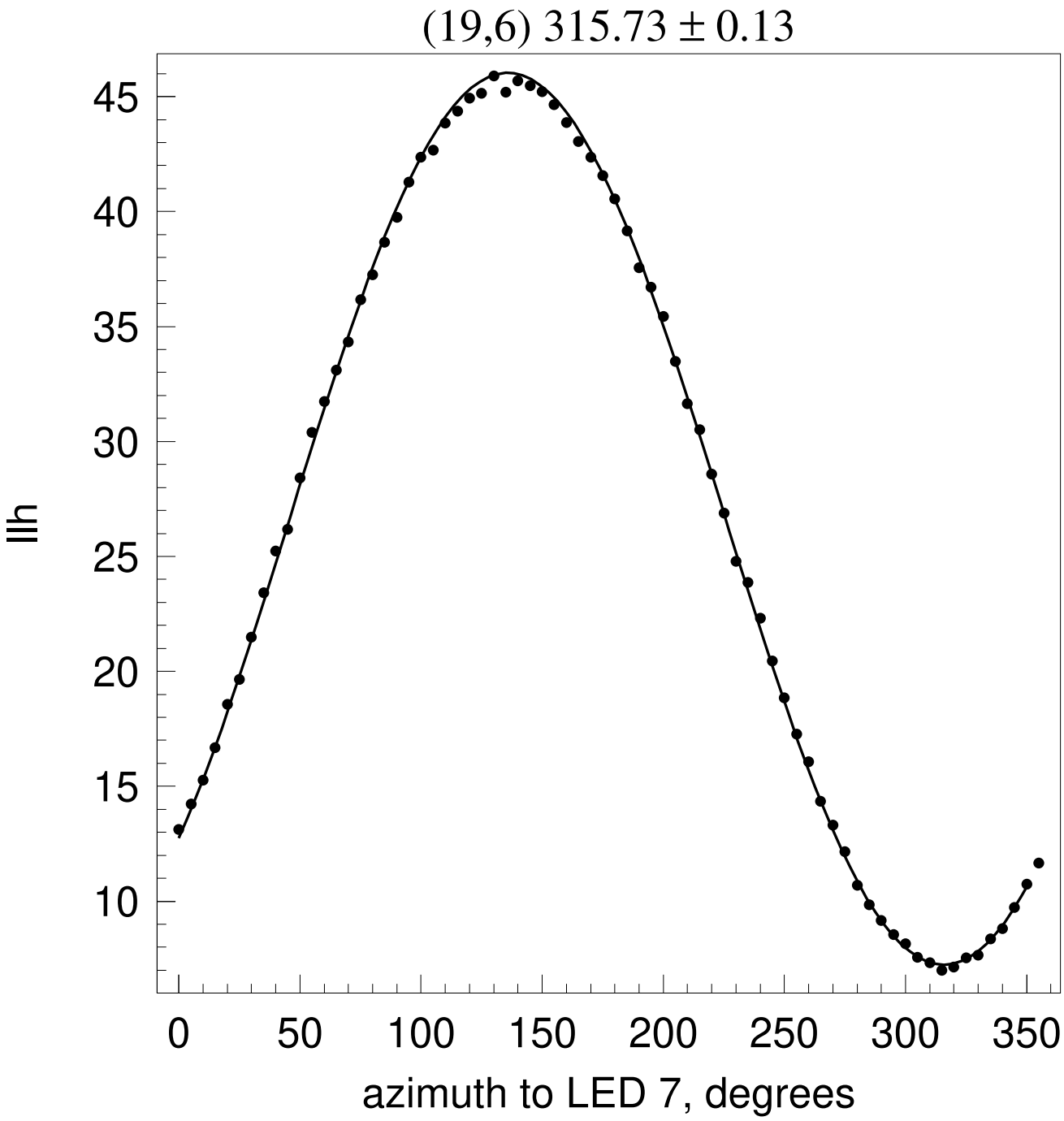

(19,1) 294.58 ± 0.26
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

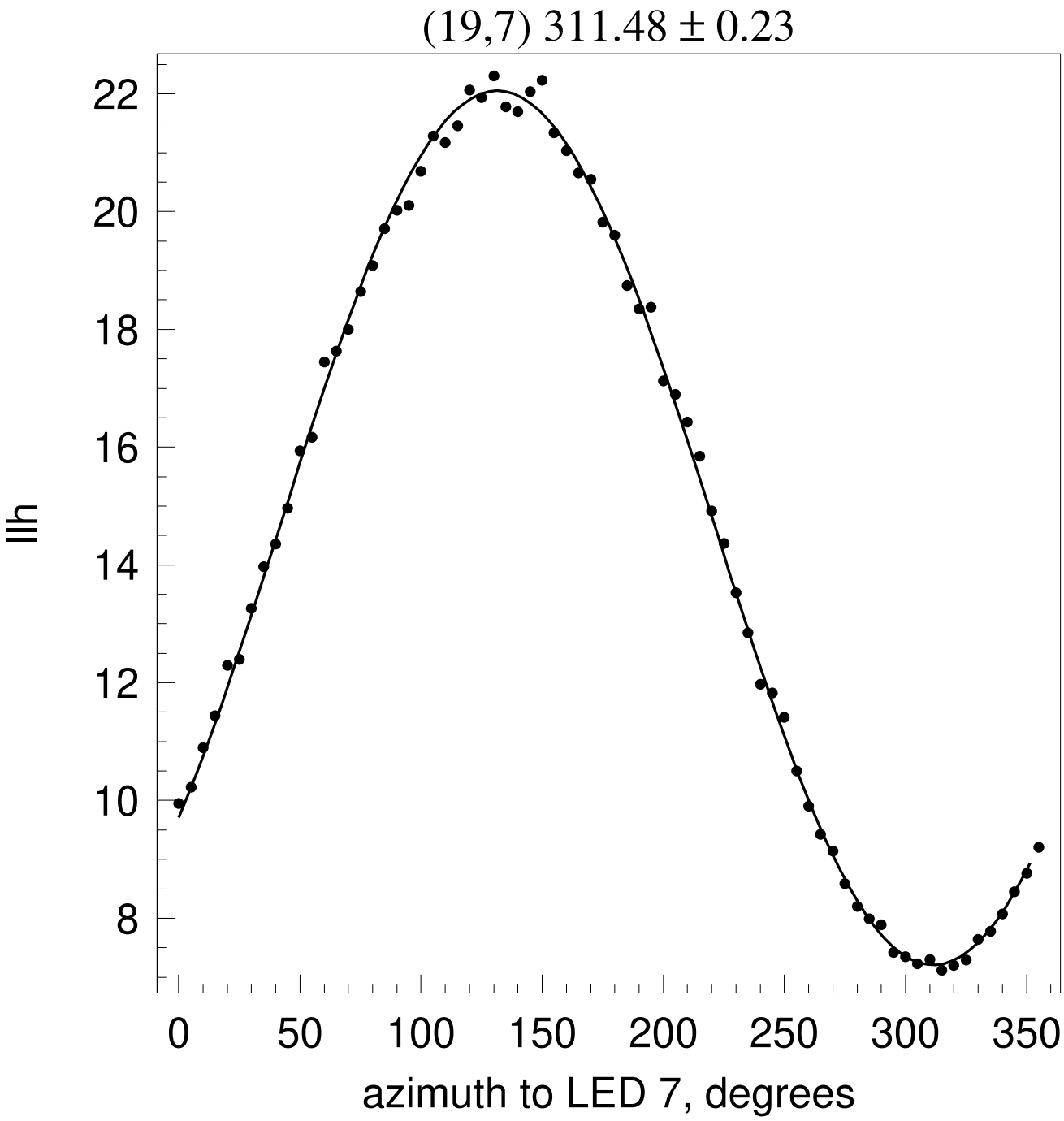

(19,2) 34.76 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

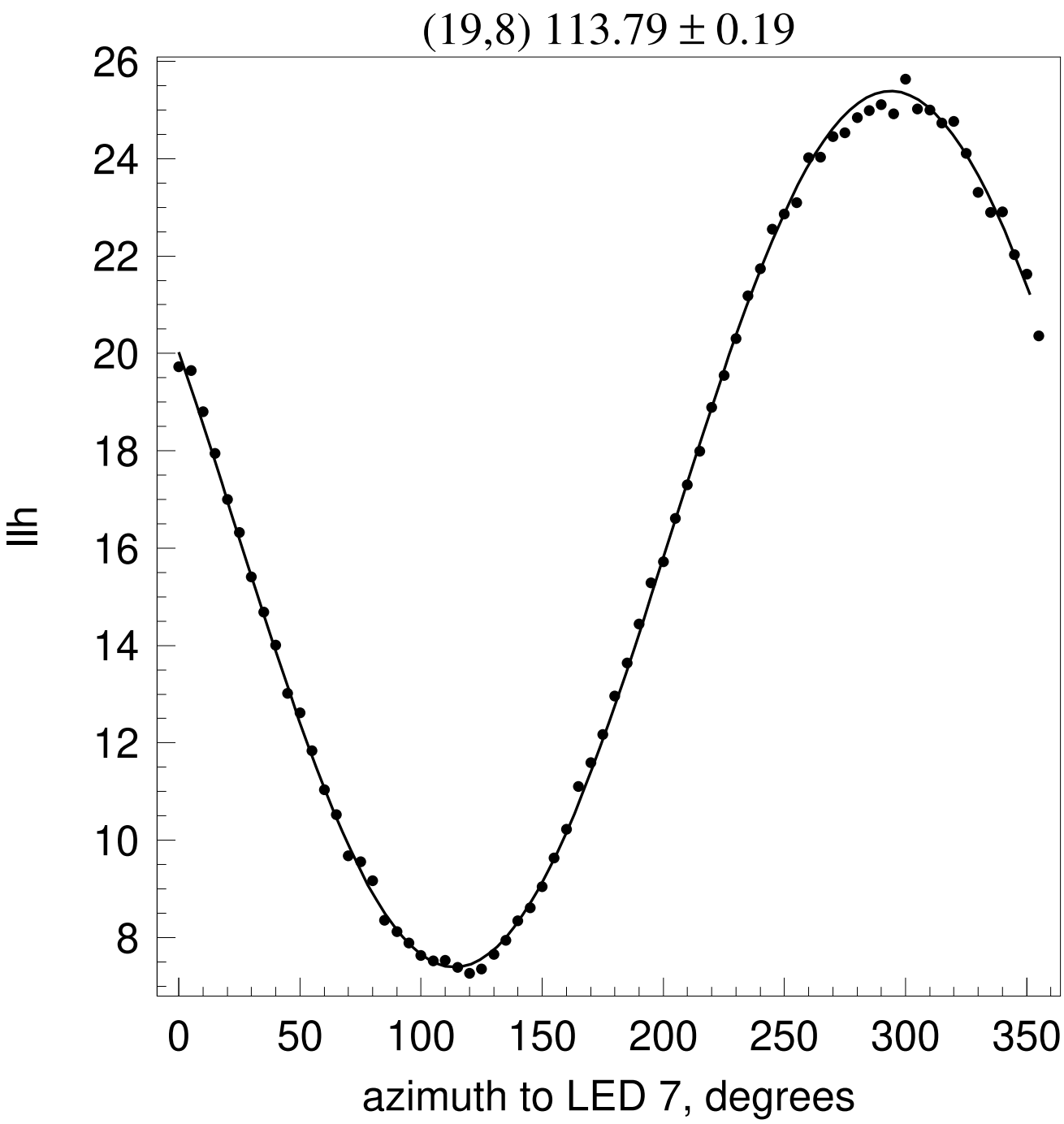

(19,3) 294.38 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

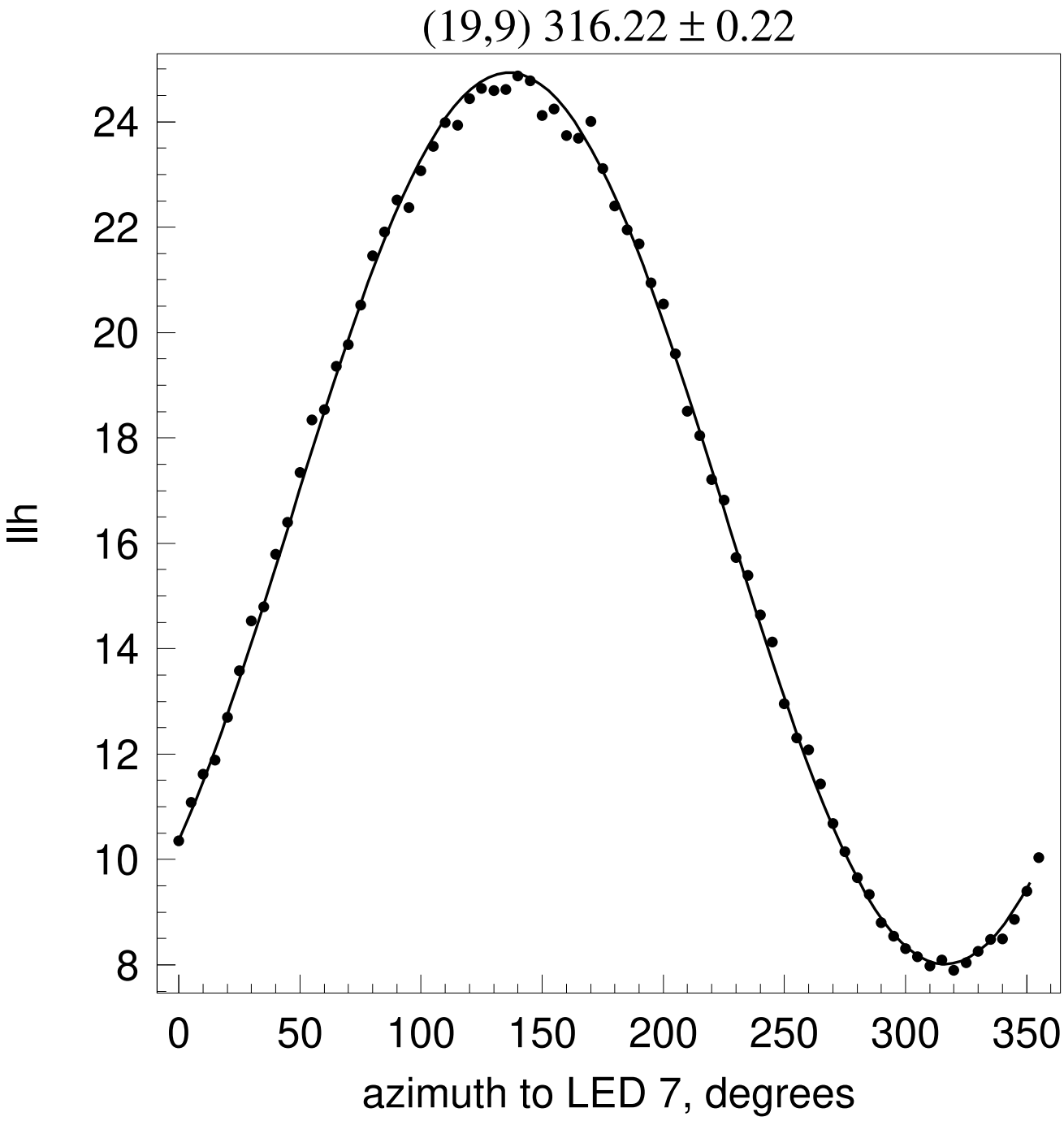

(19,4) 46.42 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

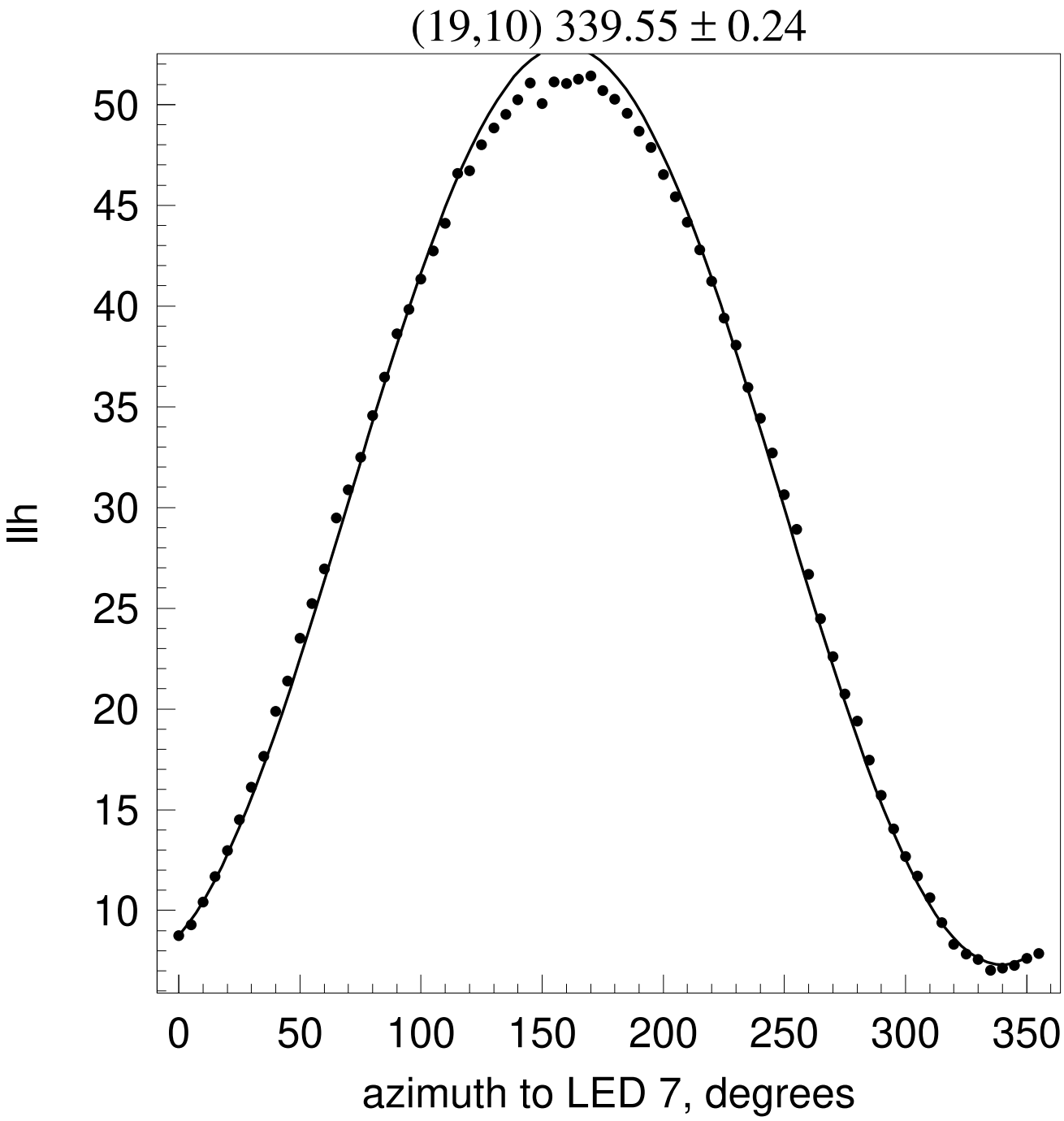

(19,5) 8.68 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

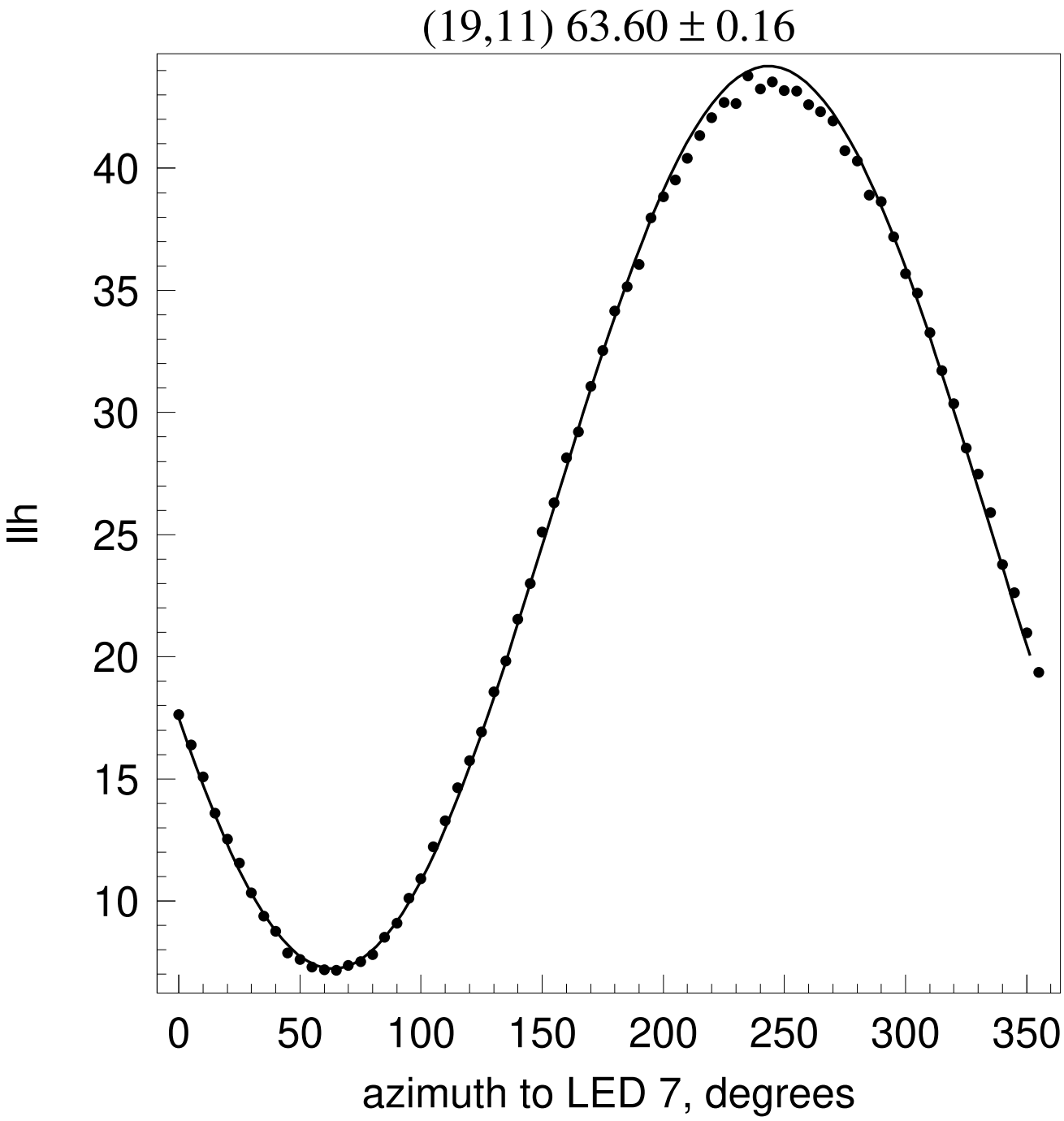

(19,6) 315.73 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

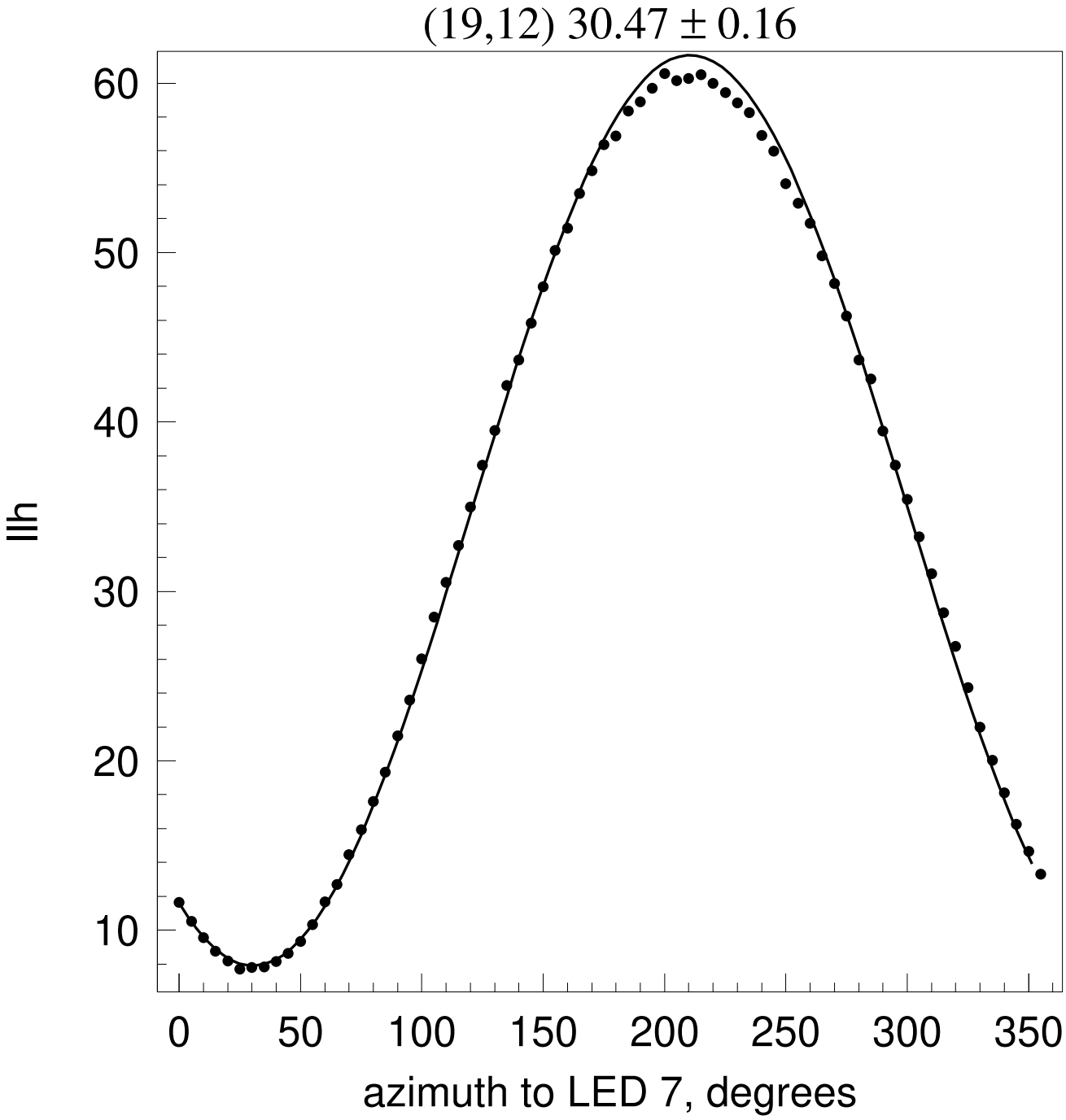

(19,7) 311.48 ± 0.23
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

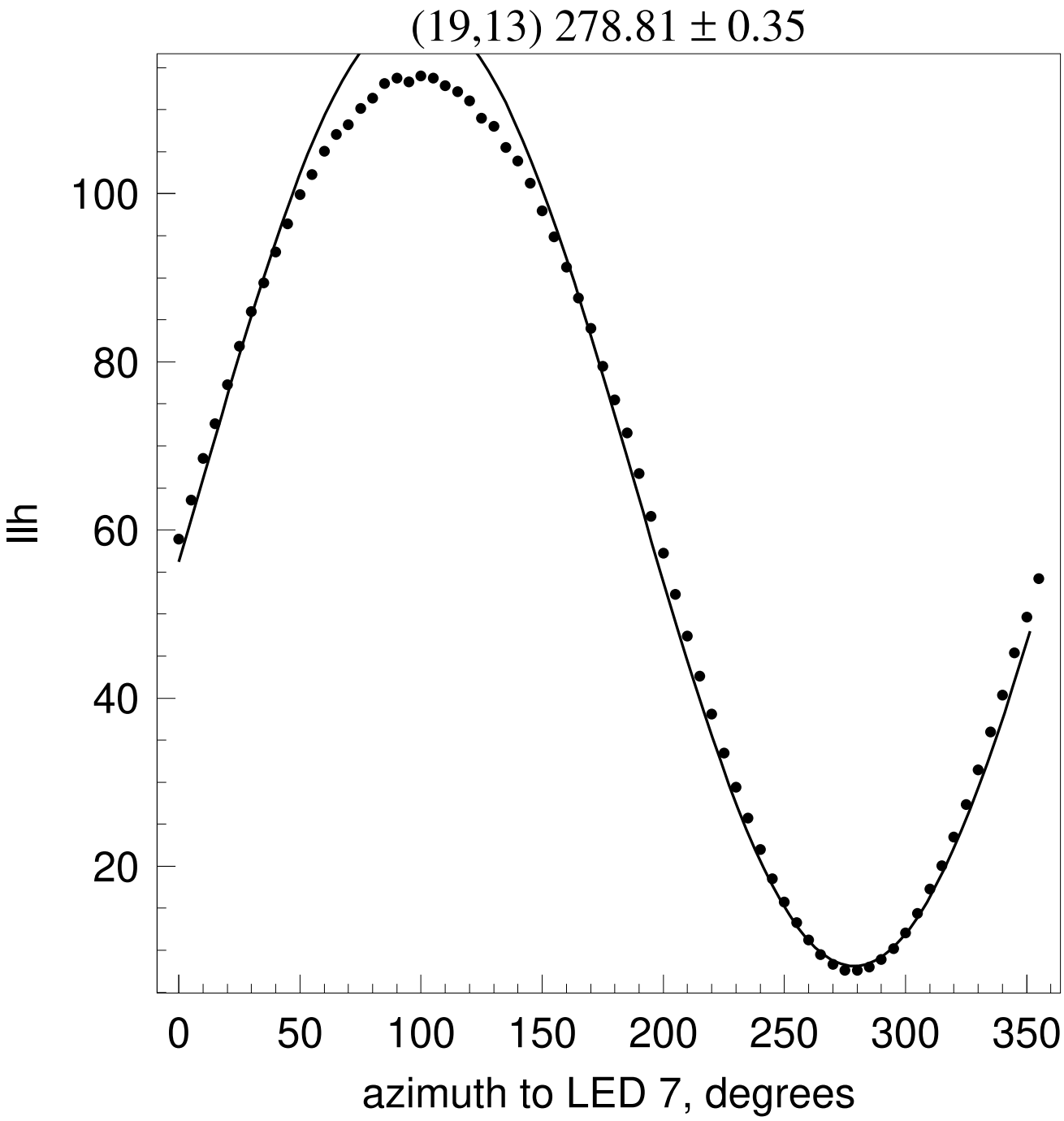

(19,8) 113.79 ± 0.19
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

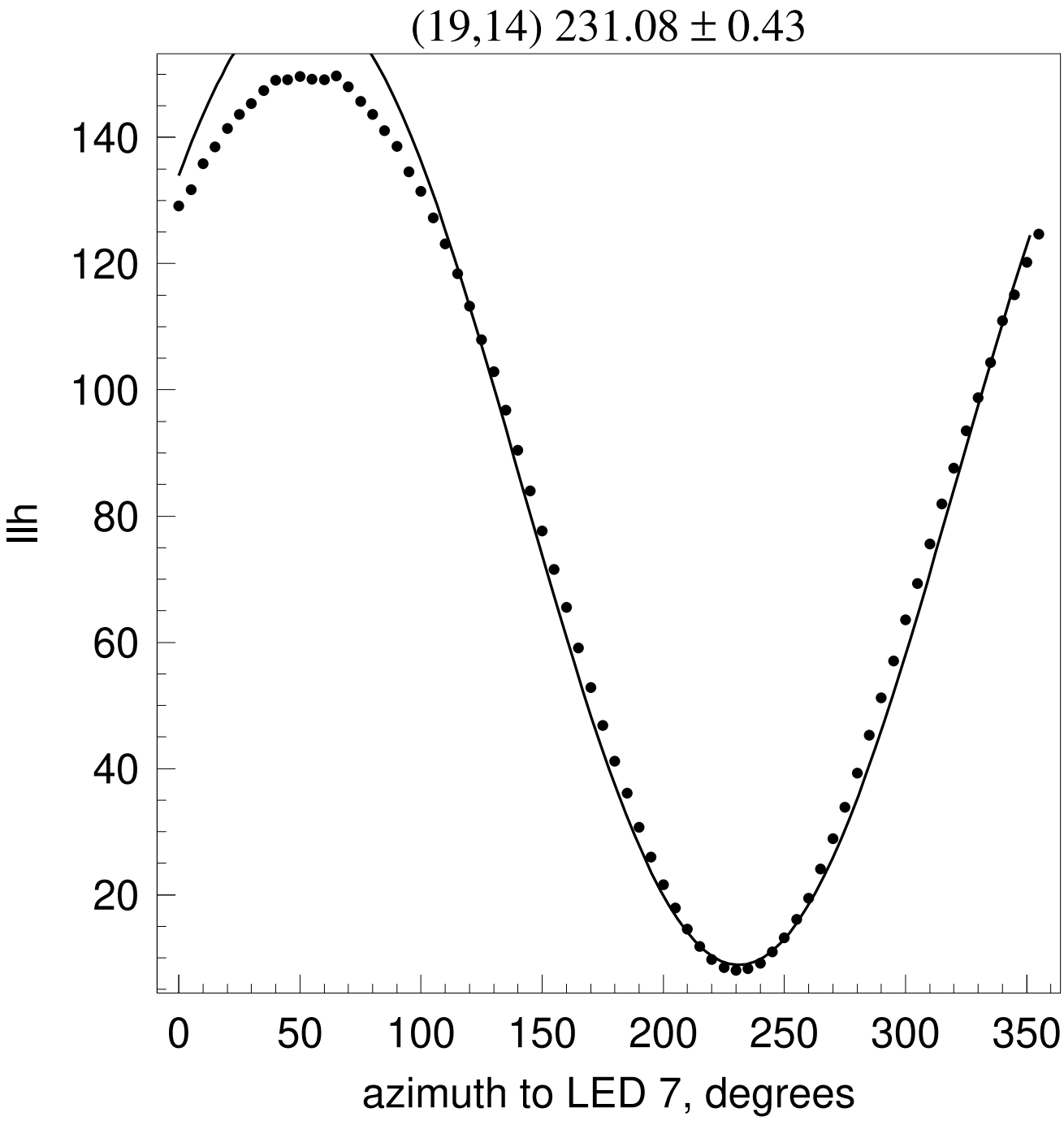

(19,9) 316.22 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

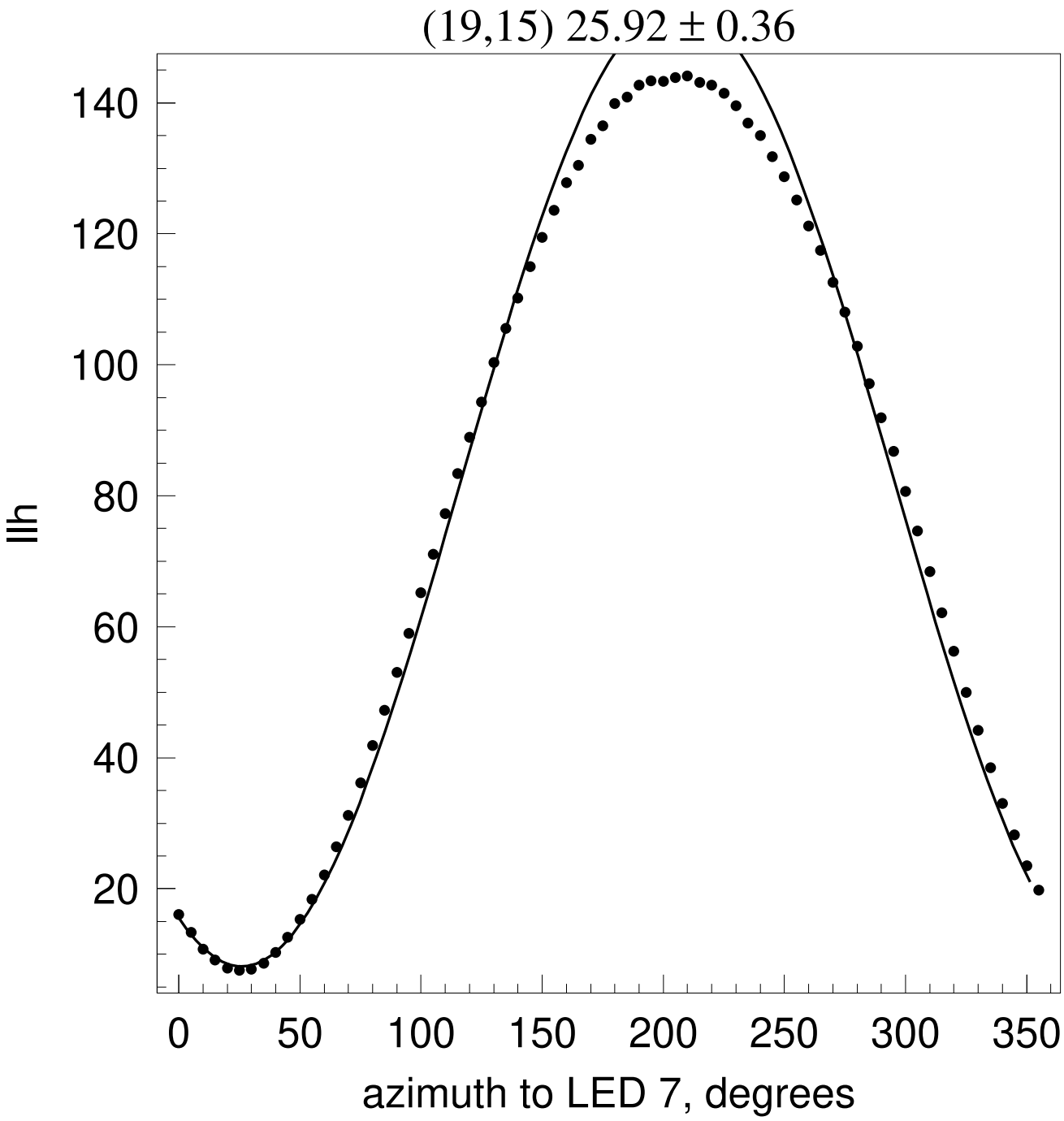

(19,10) 339.55 ± 0.24
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

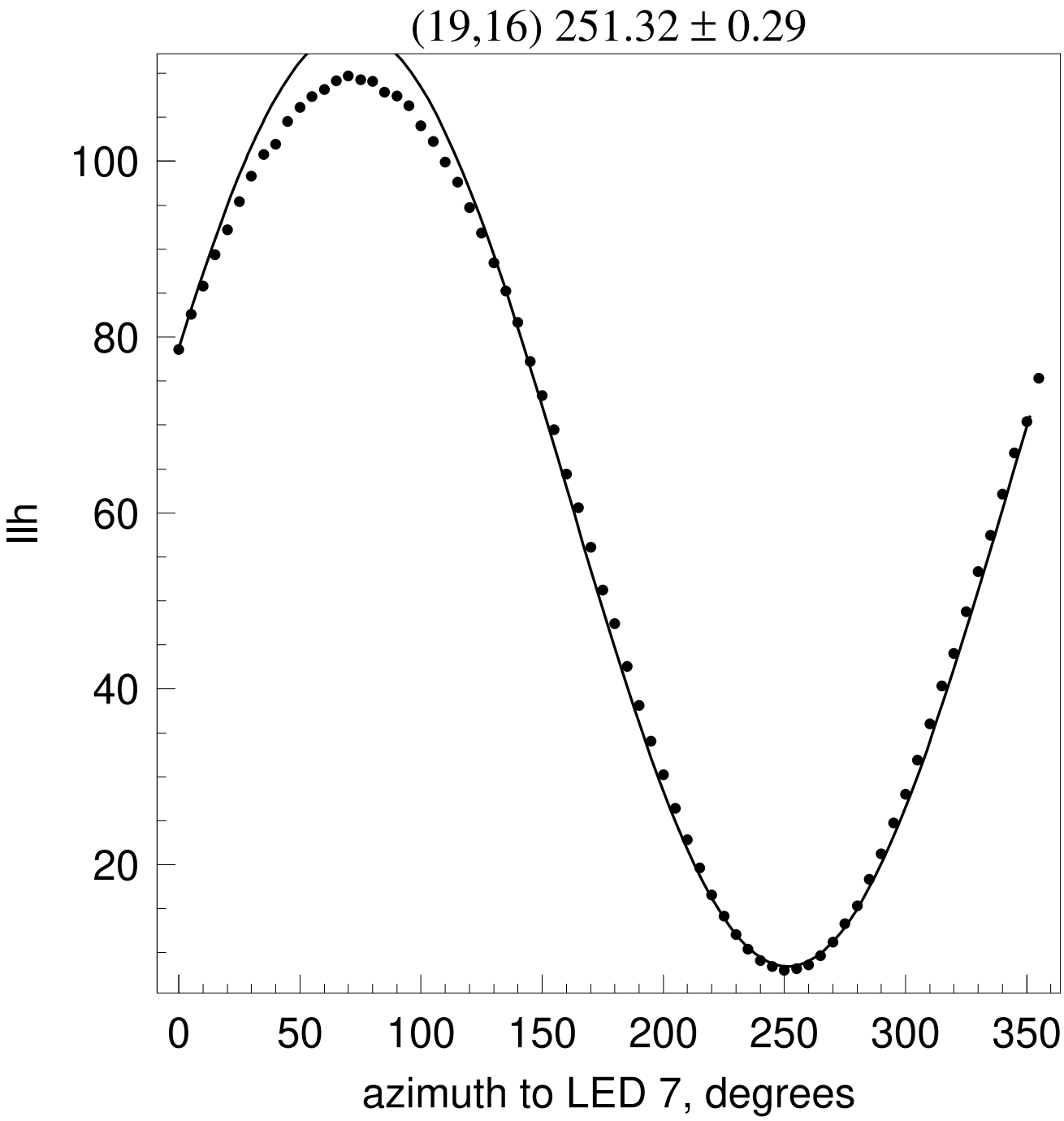

(19,11) 63.60 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

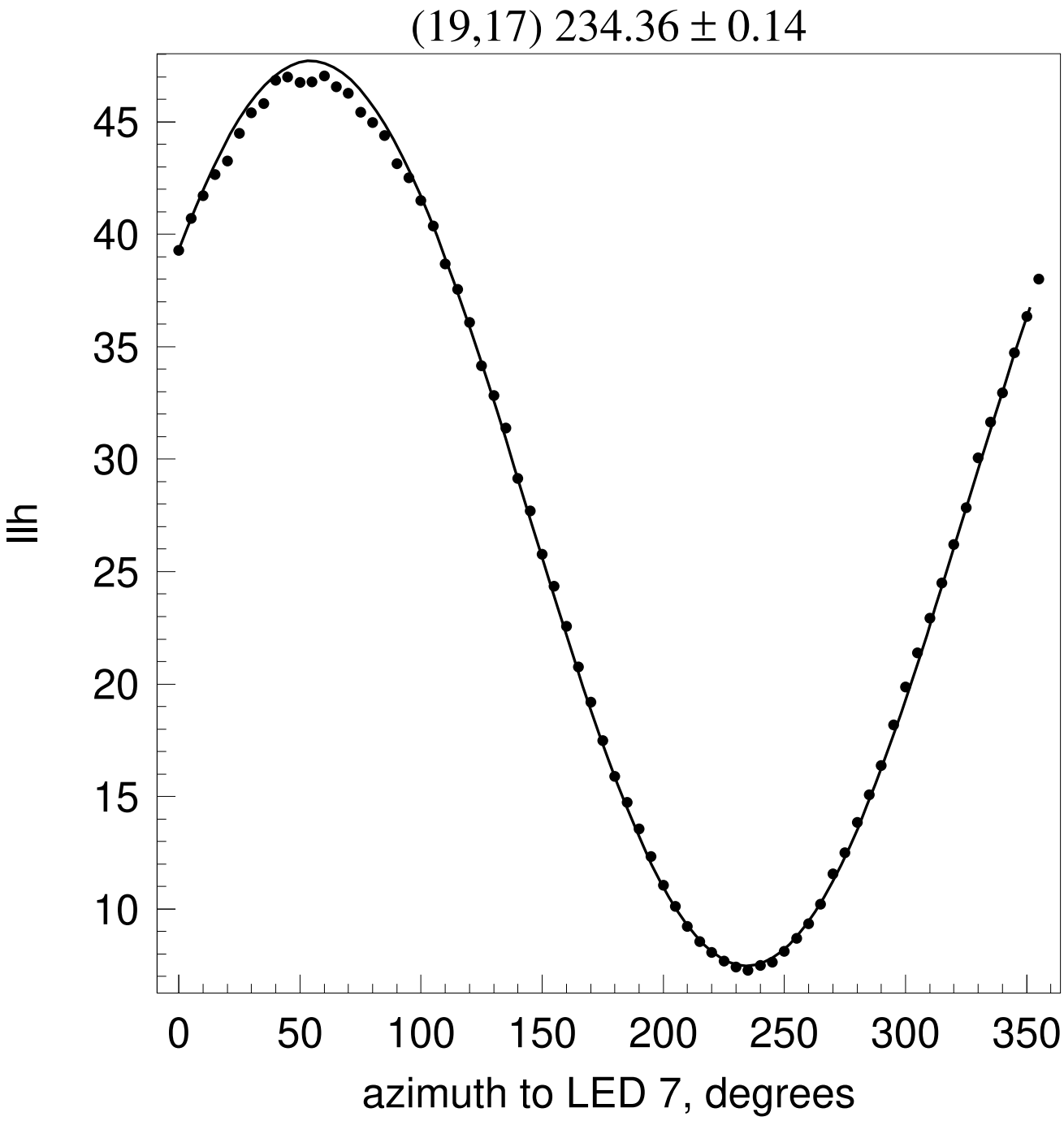

(19,12) 30.47 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

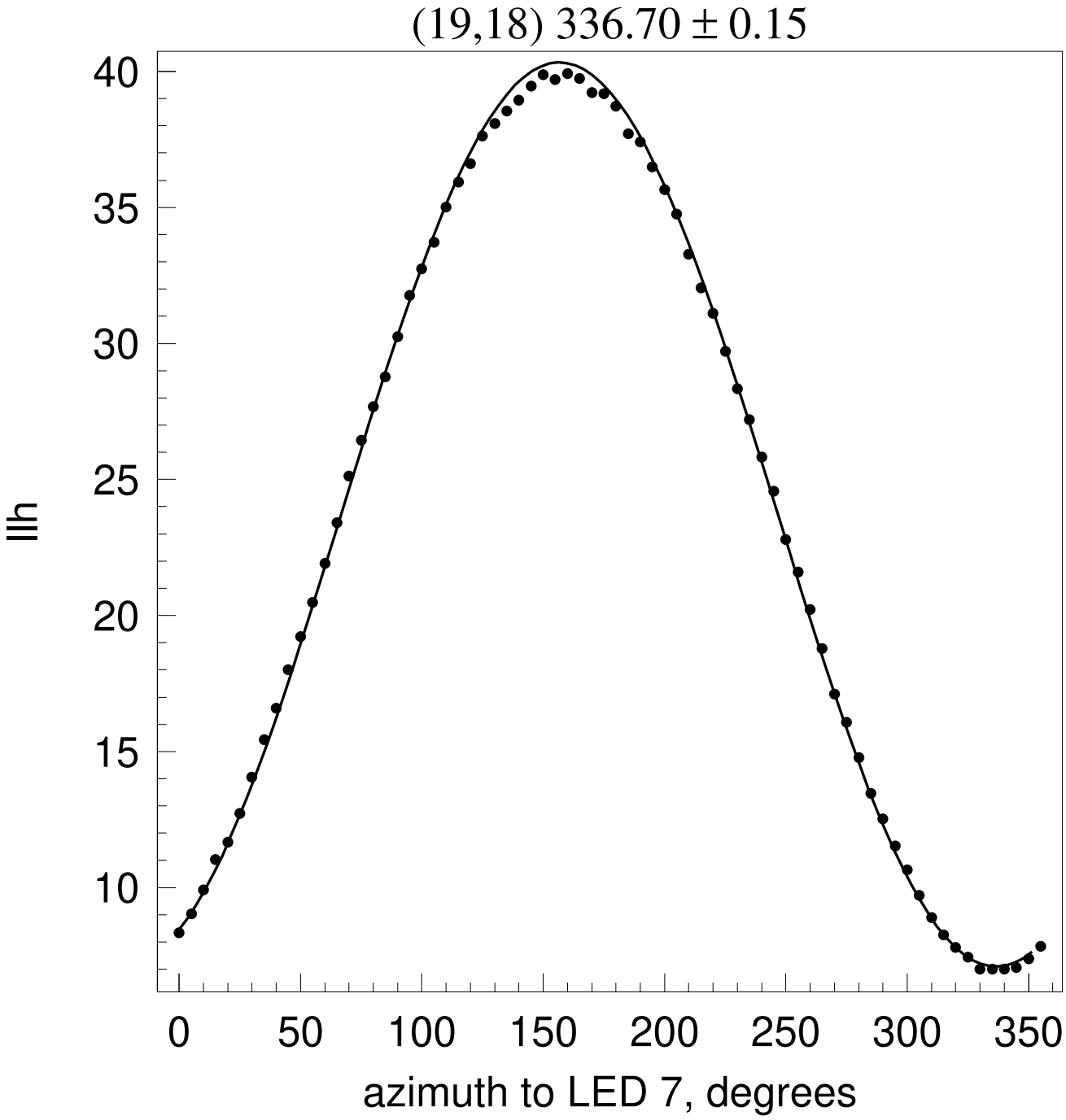

(19,13) 278.81 ± 0.35
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

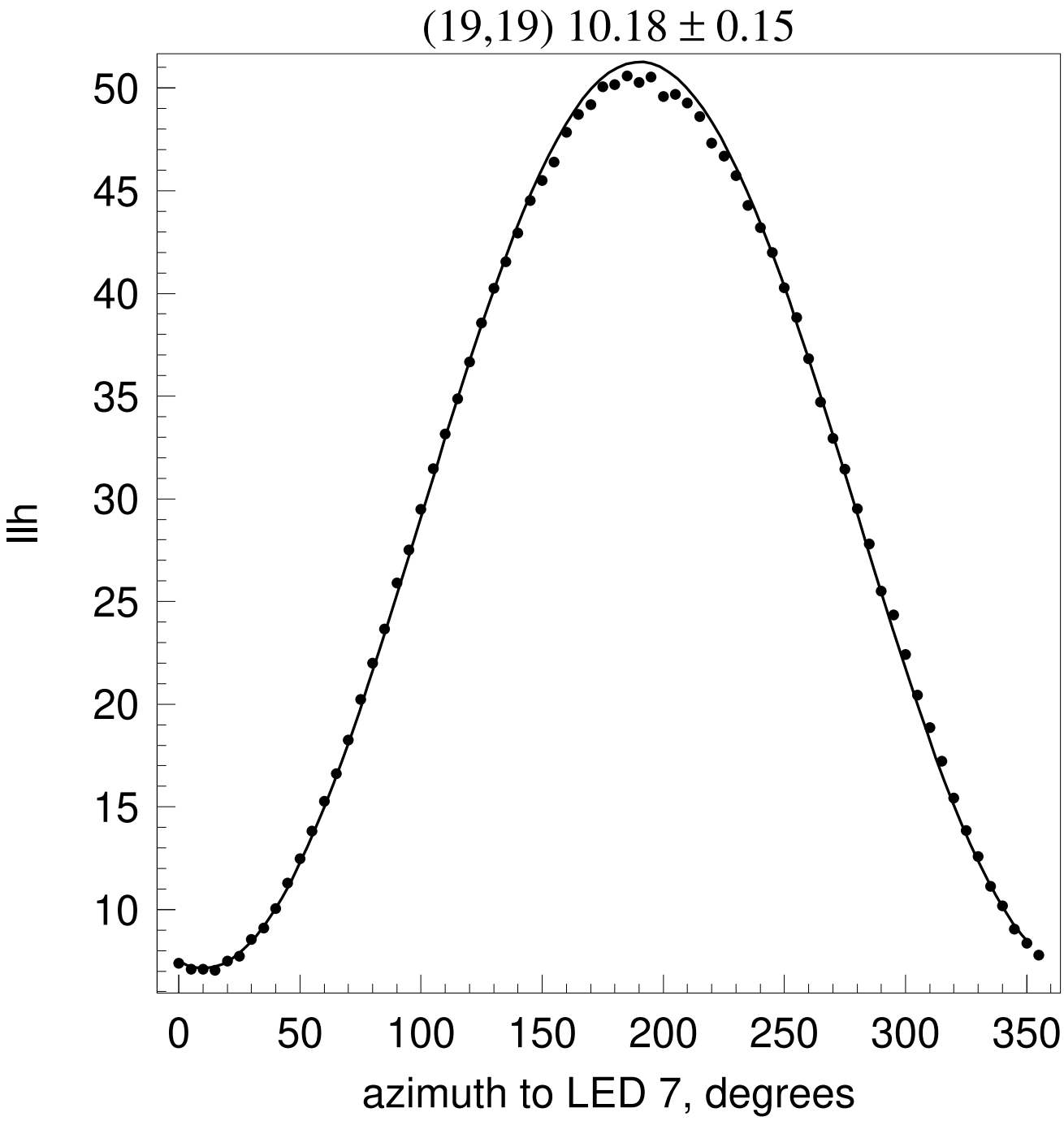

(19,14) 231.08 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

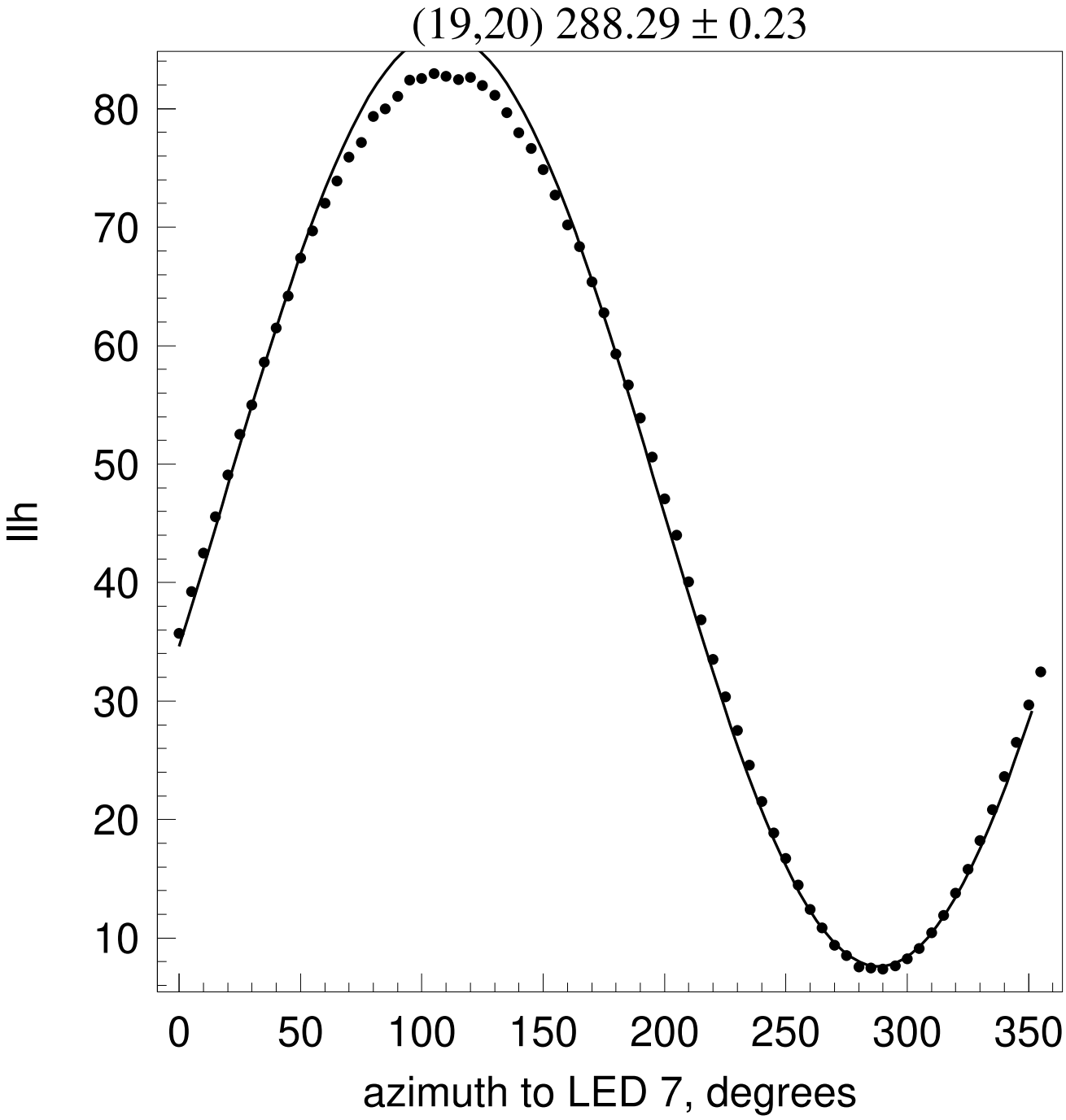

(19,15) 25.92 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

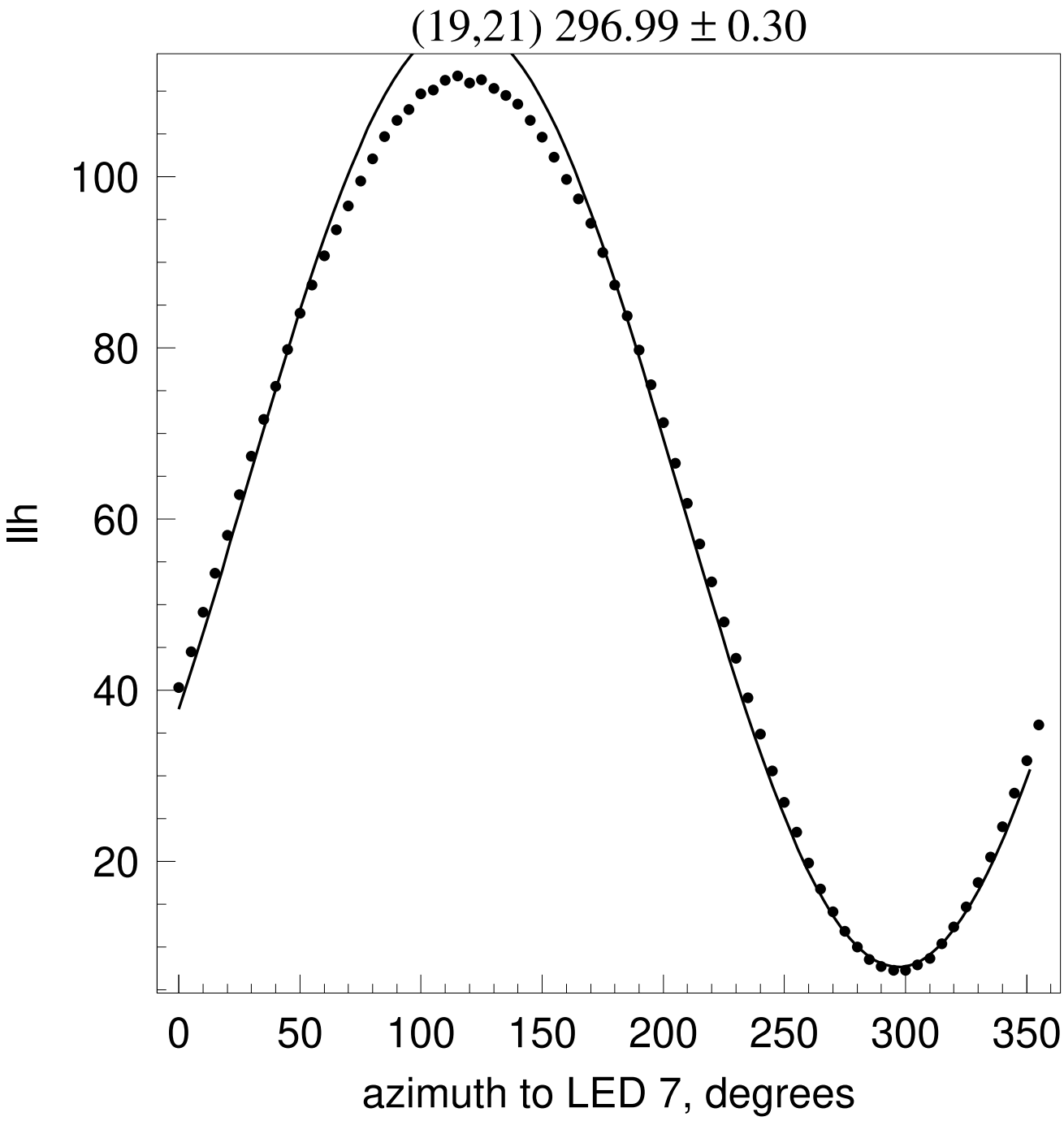

(19,16) 251.32 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

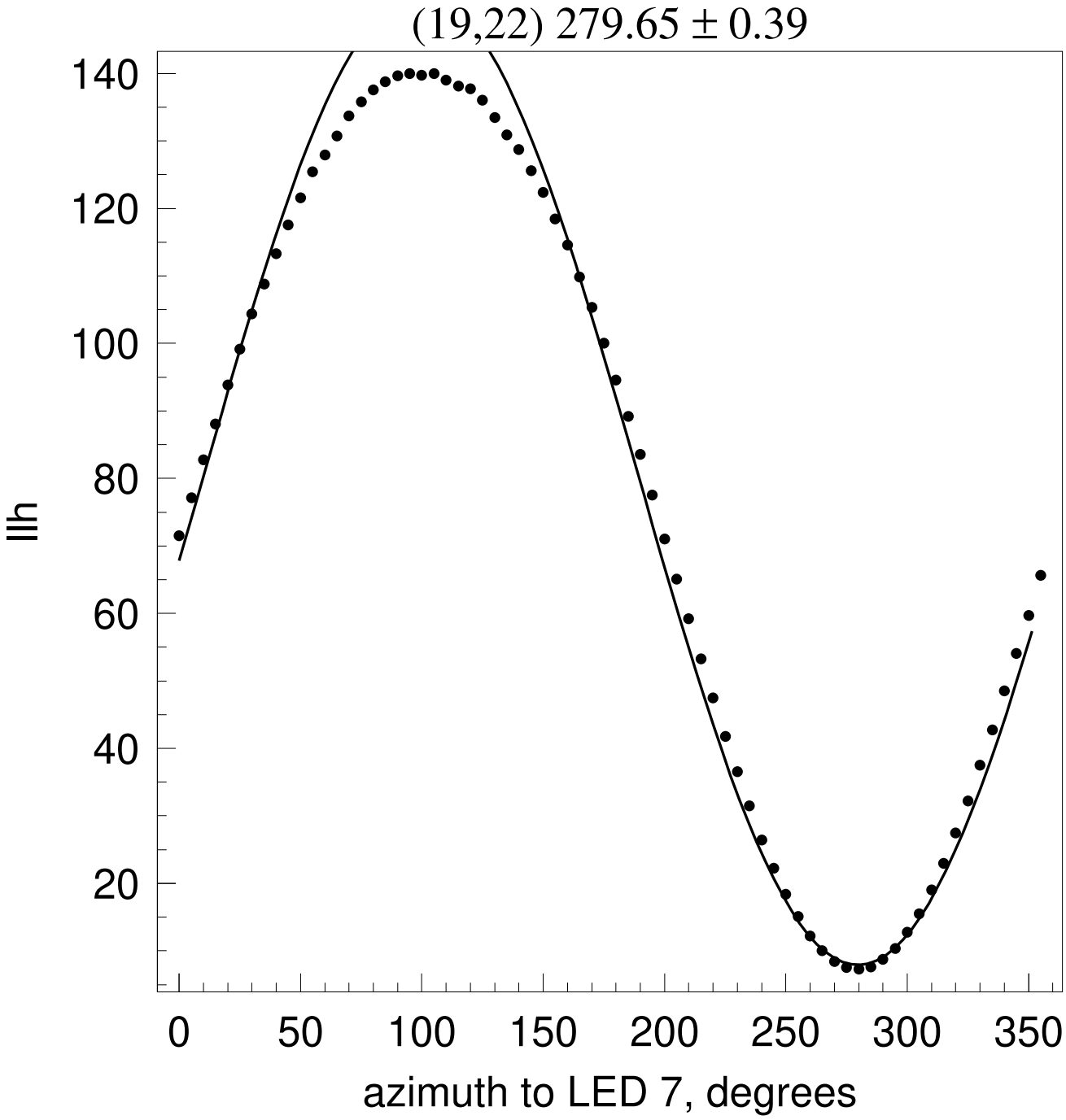

(19,17) 234.36 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

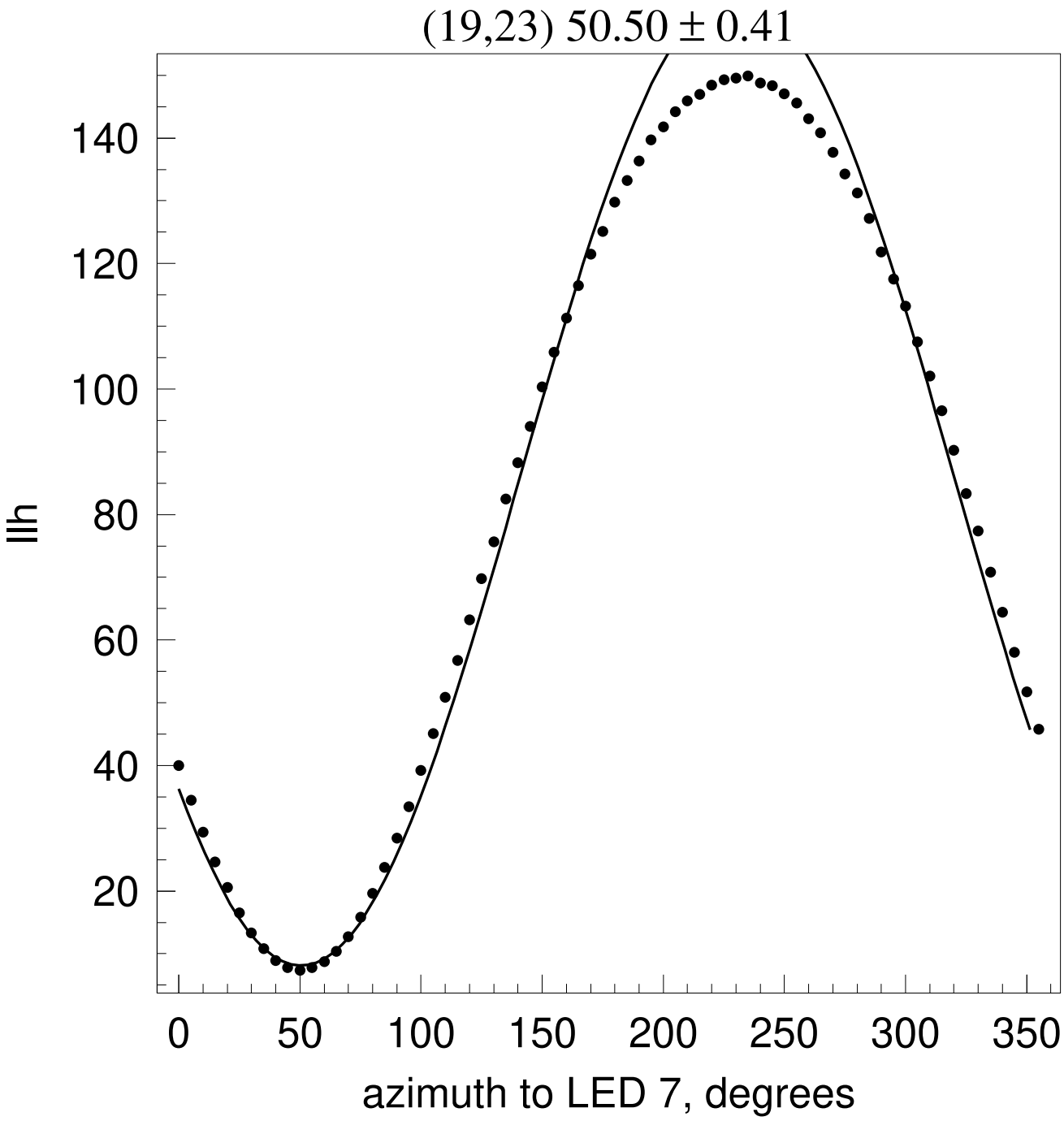

(19,18) 336.70 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

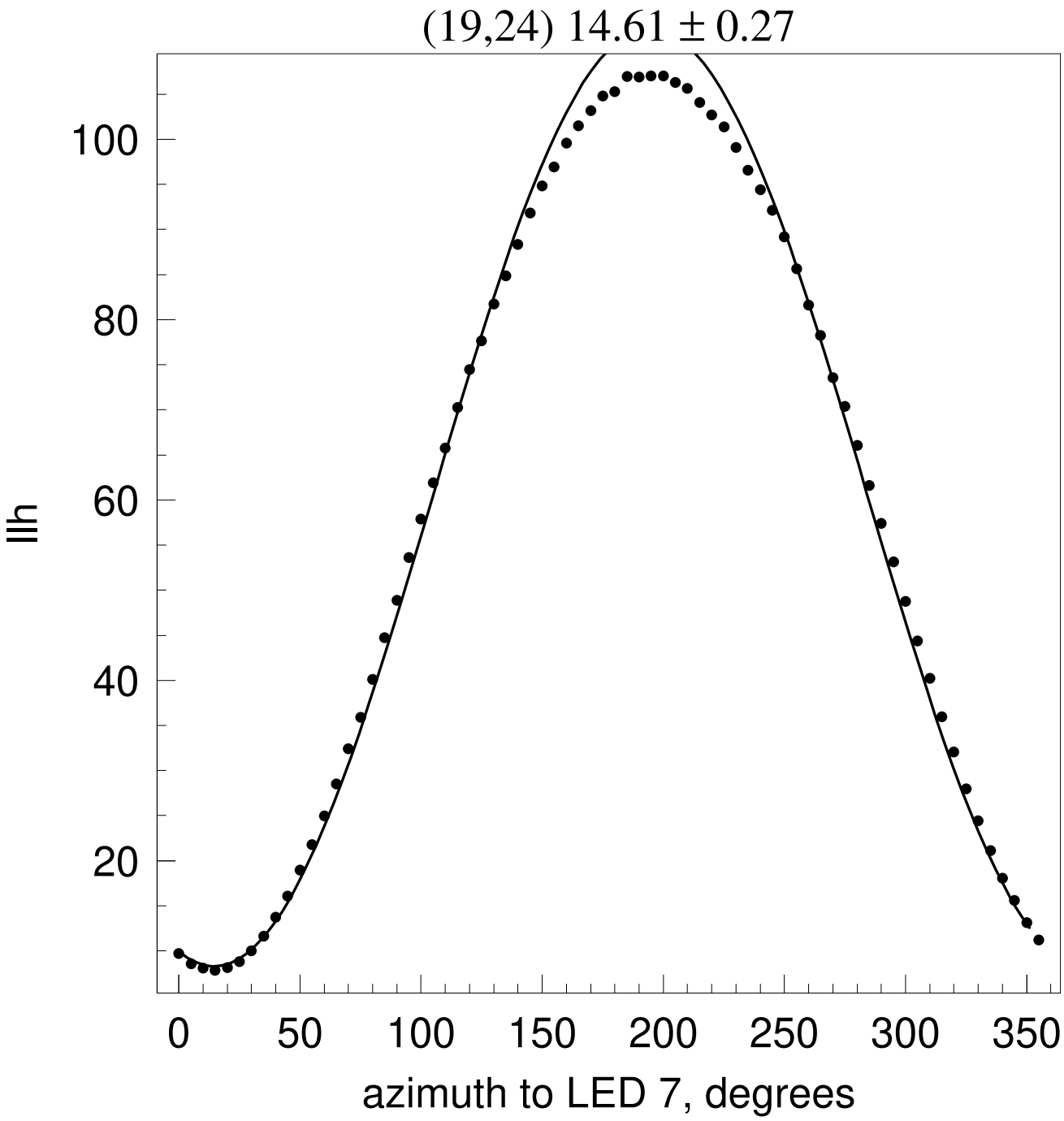

(19,19) 10.18 ± 0.15
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

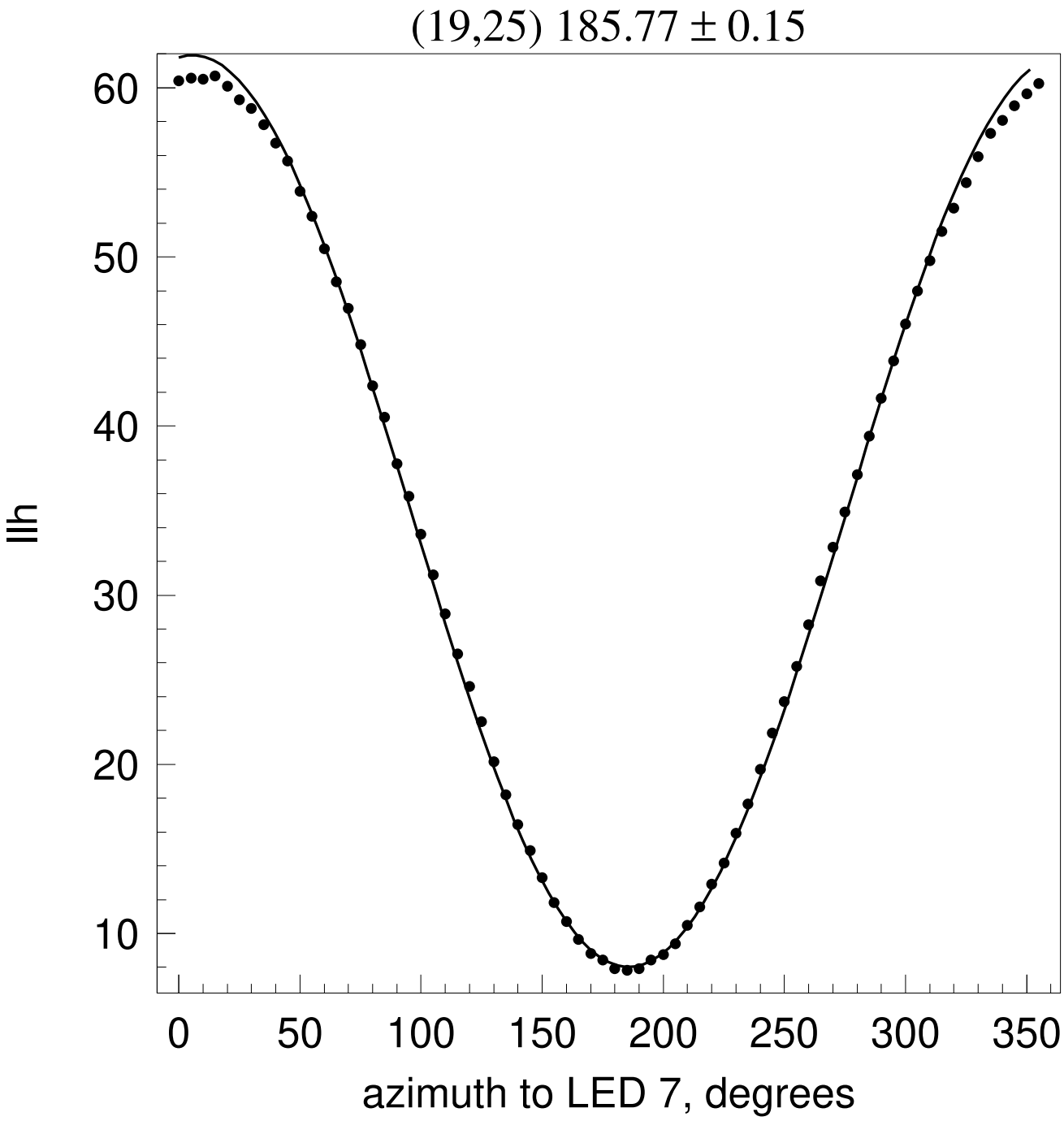

(19,20) 288.29 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

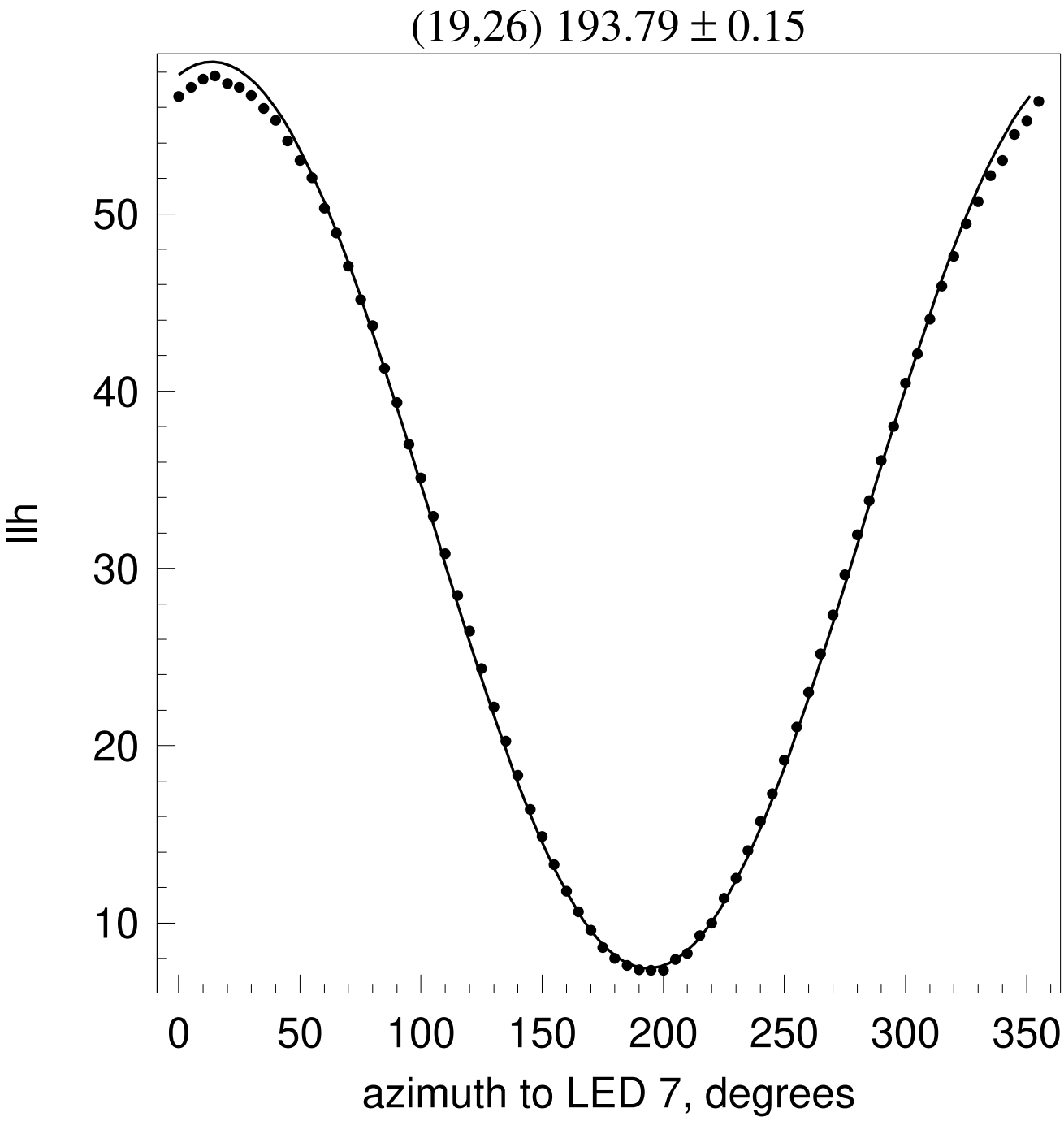

(19,21) 296.99 ± 0.30
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

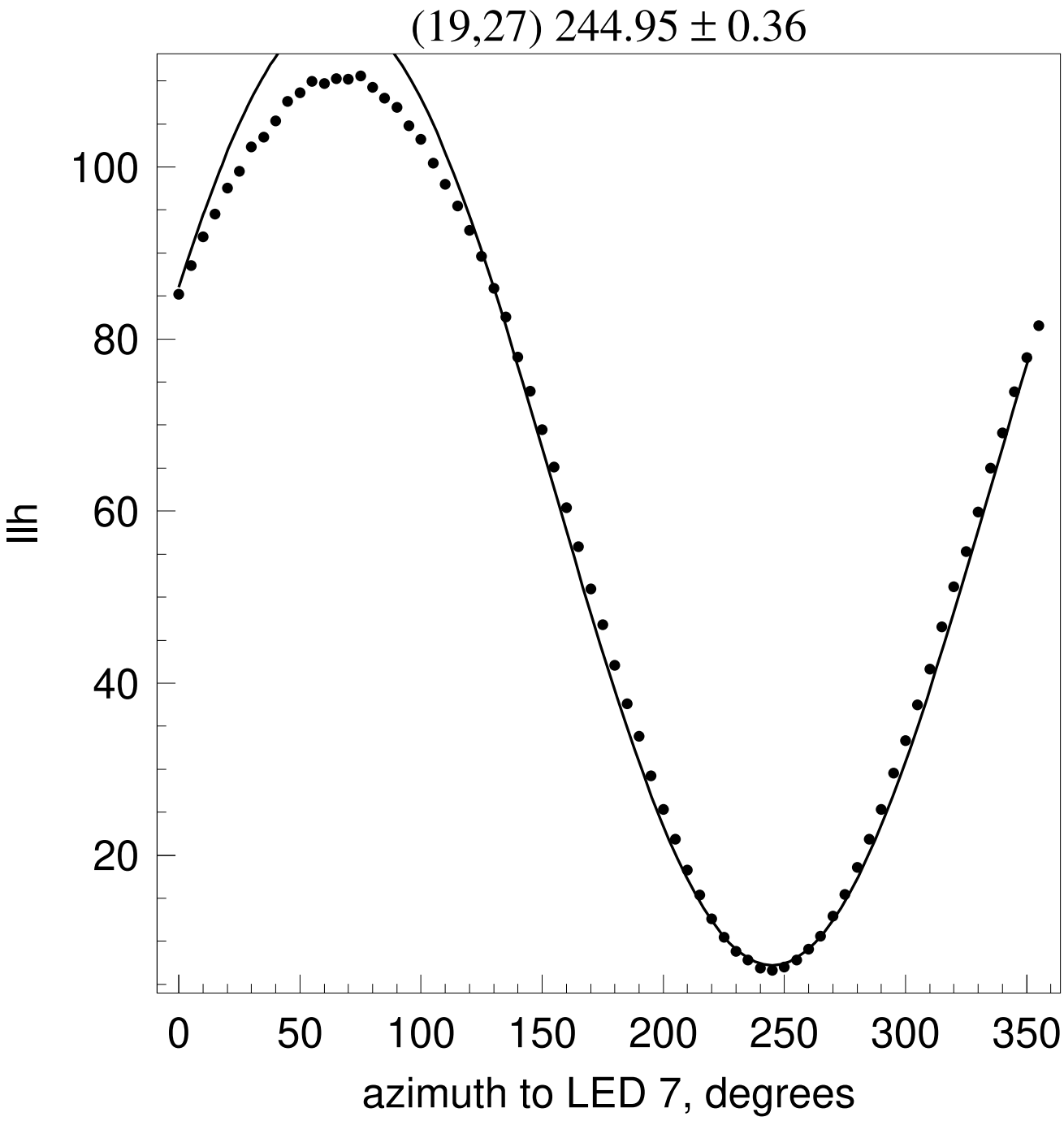

(19,22) 279.65 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

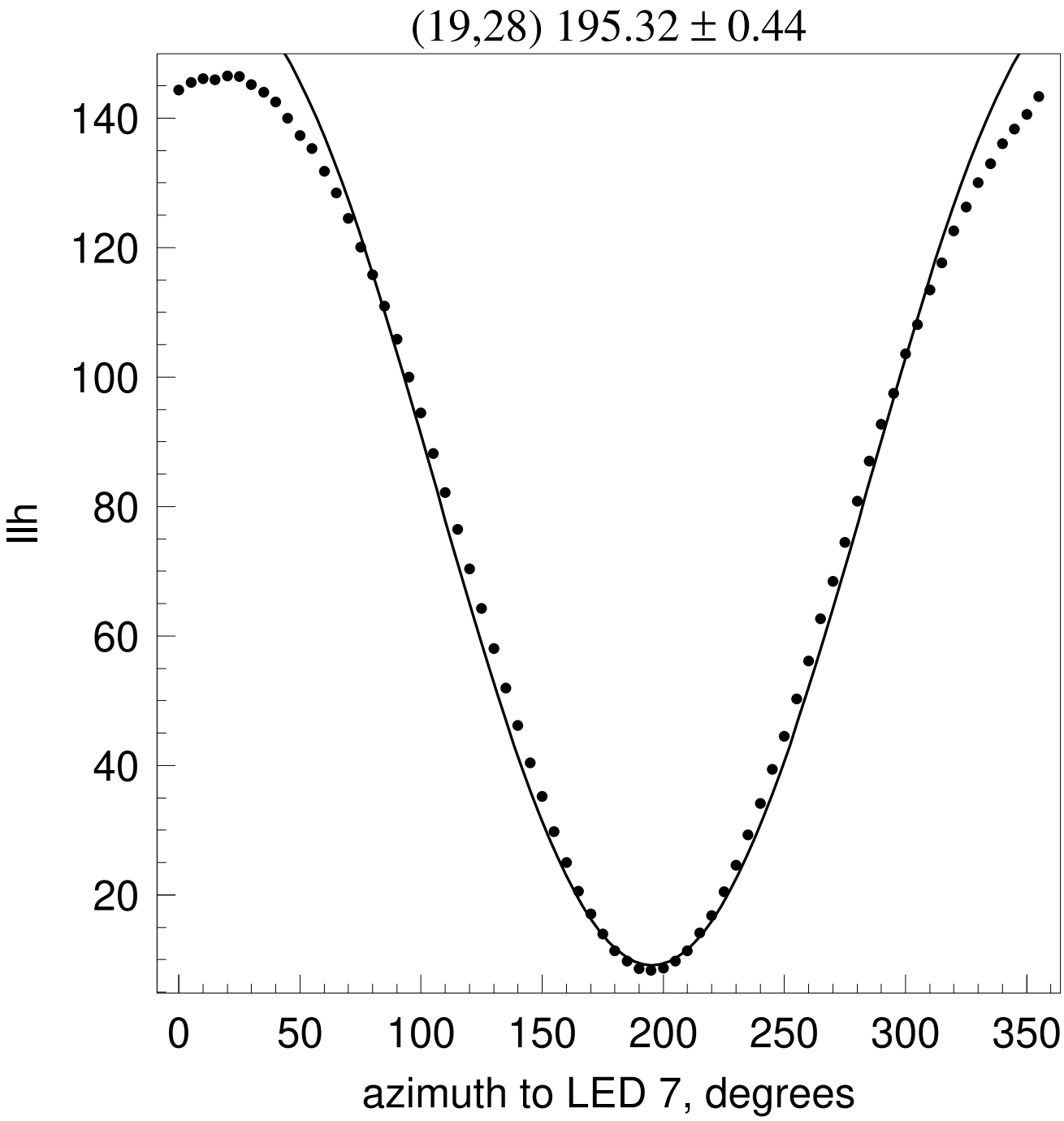

(19,23) 50.50 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

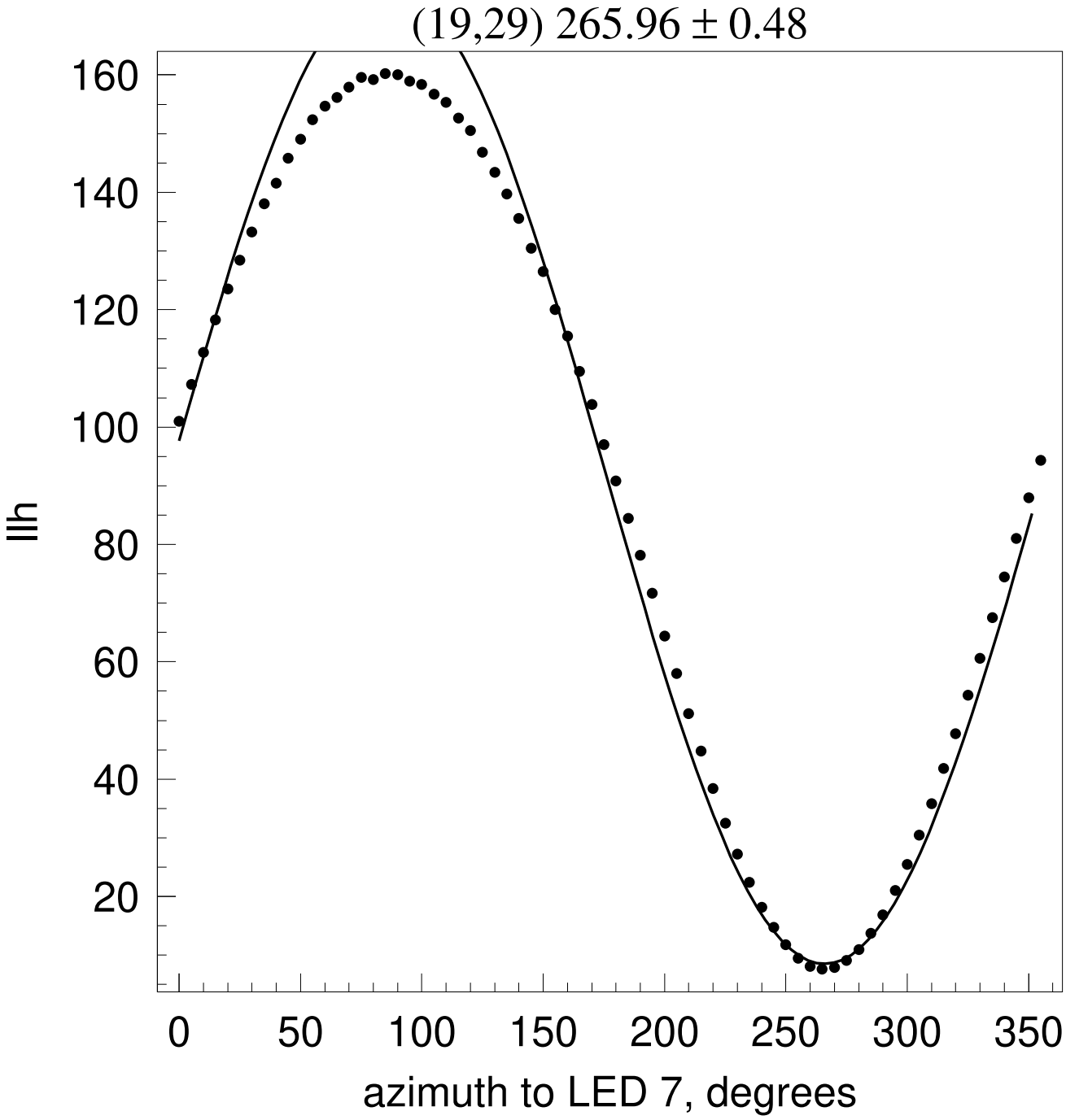

(19,24) 14.61 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

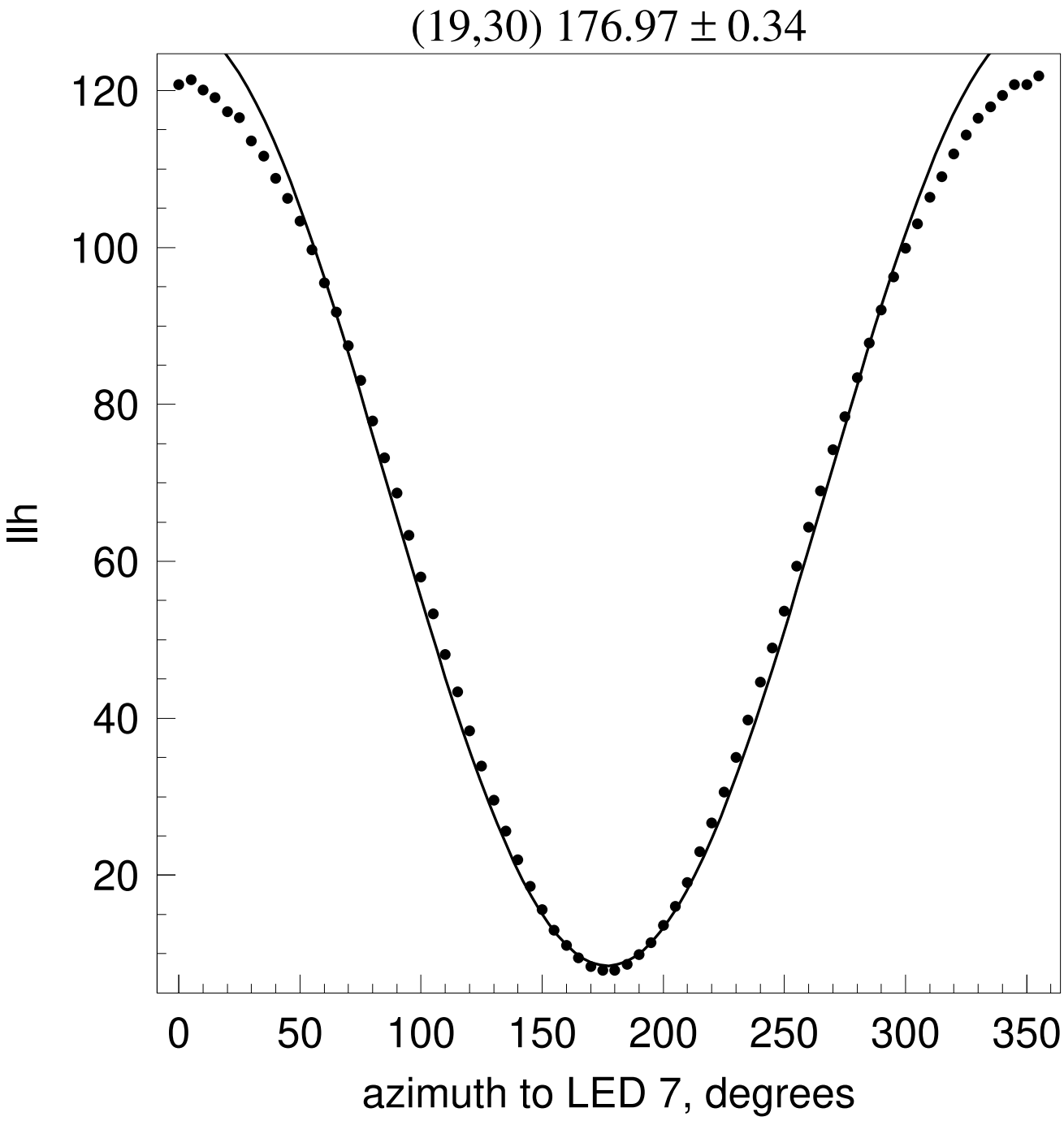

(19,25) 185.77 ± 0.15
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

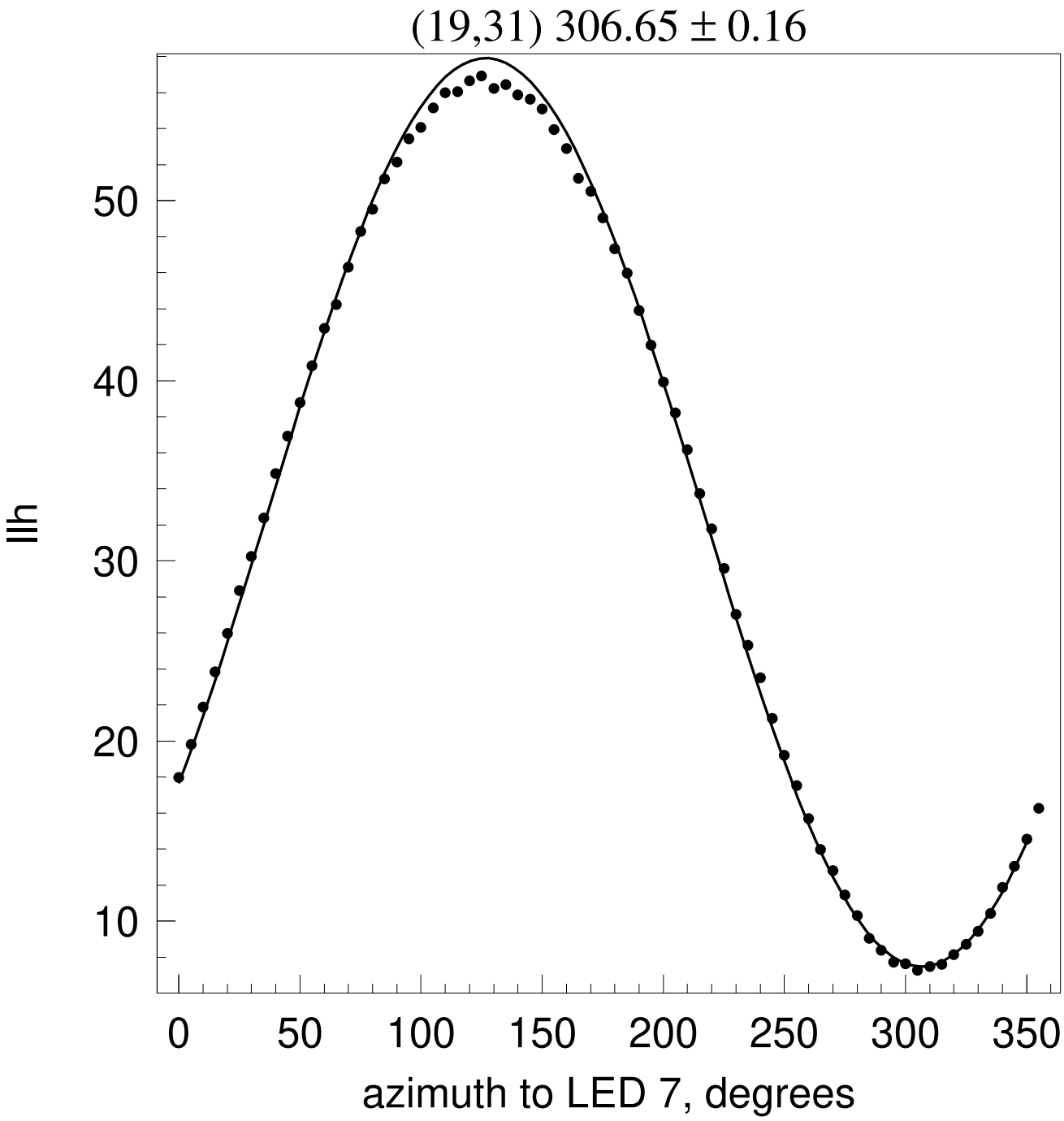

(19,26) 193.79 ± 0.15
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

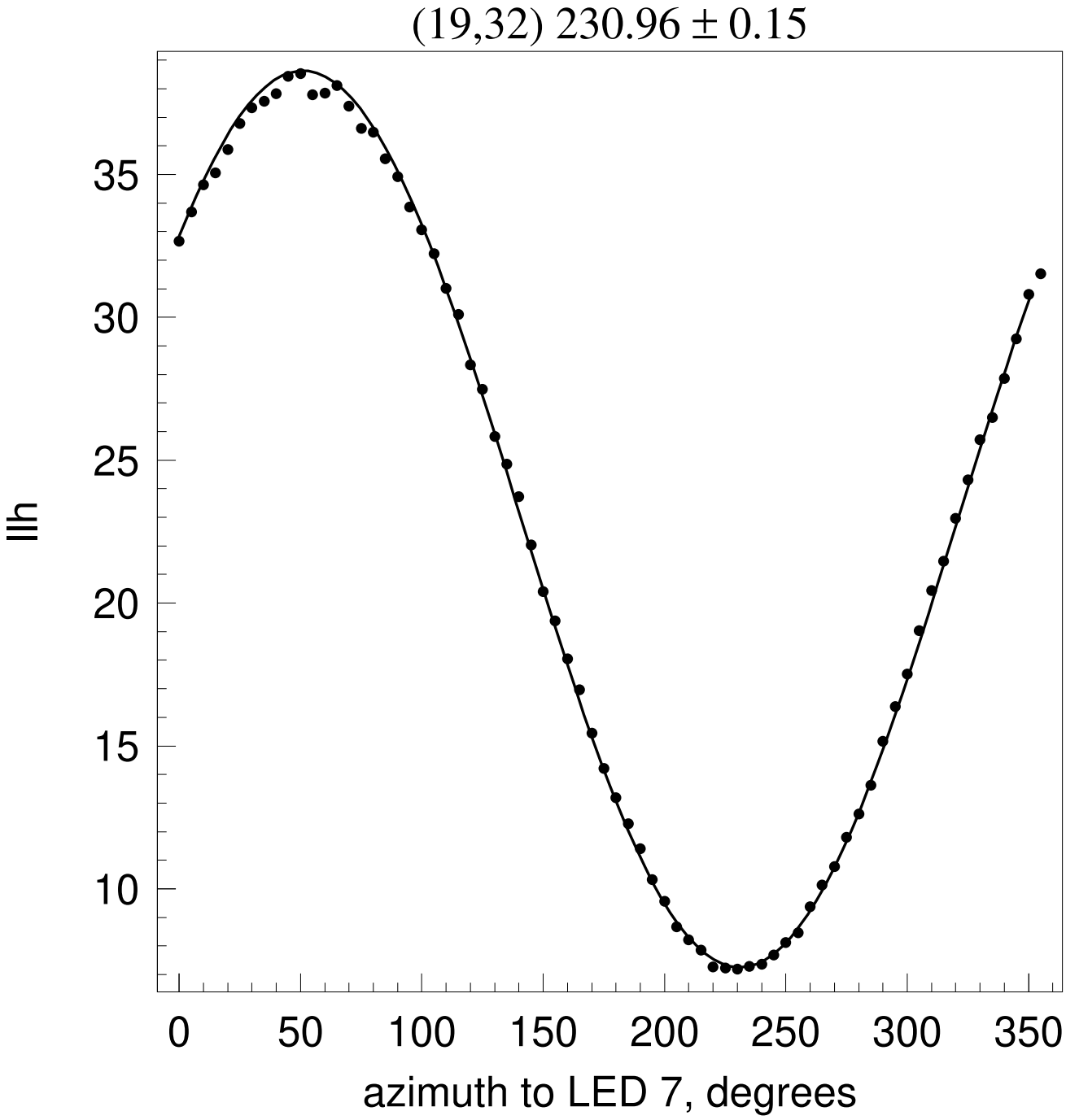

(19,27) 244.95 ± 0.36
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

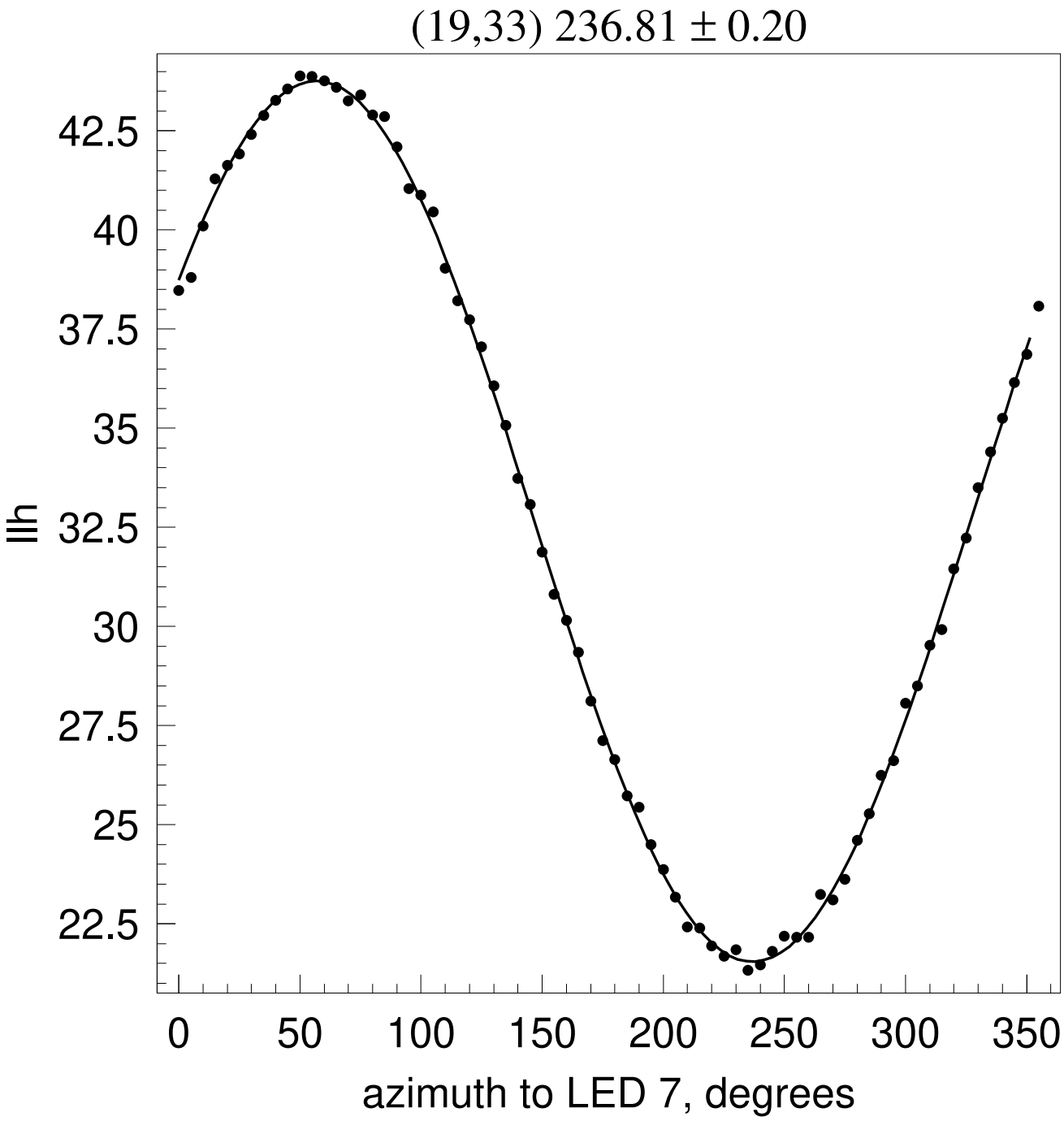

(19,28) 195.32 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

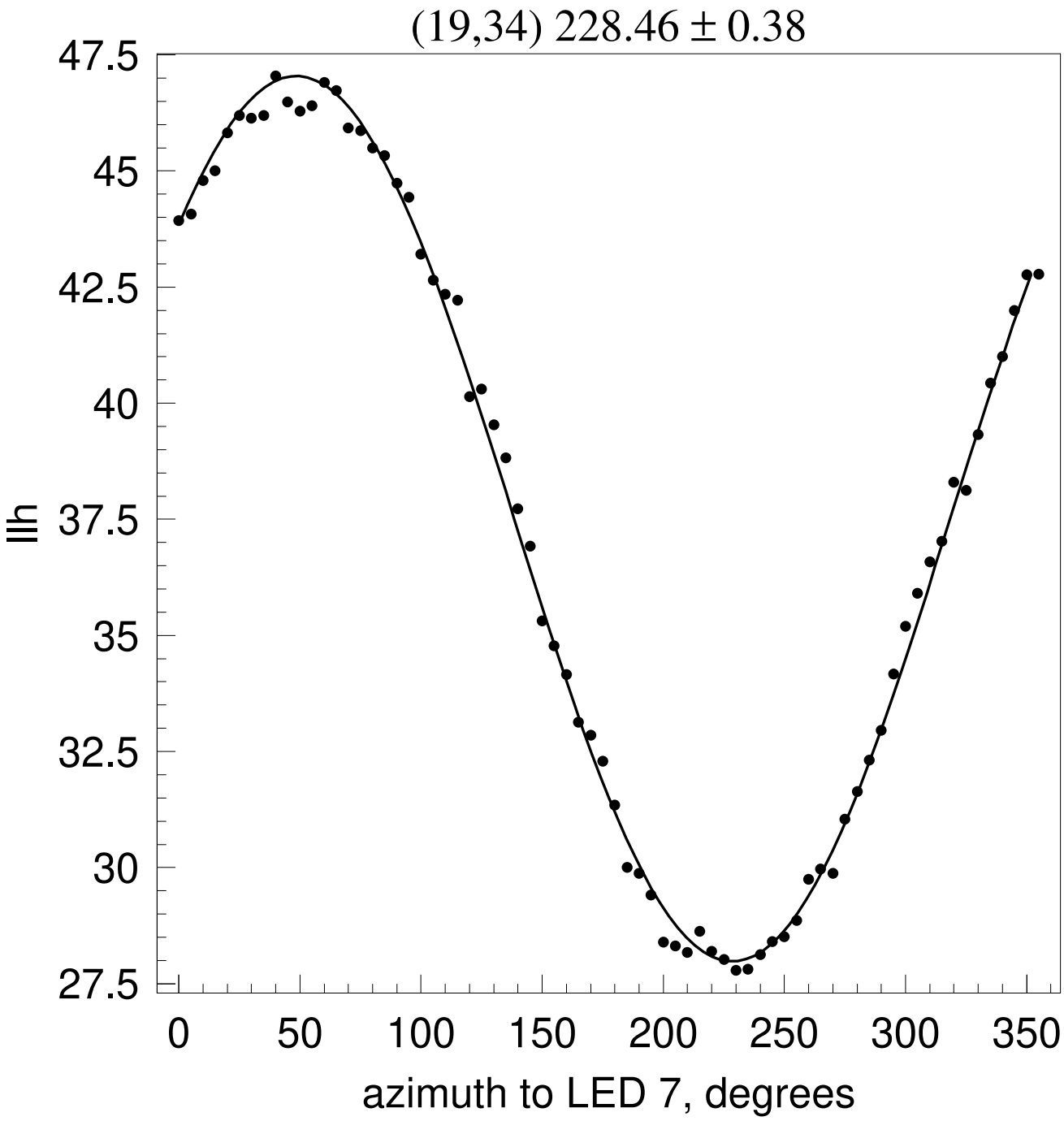

(19,29) 265.96 ± 0.48
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

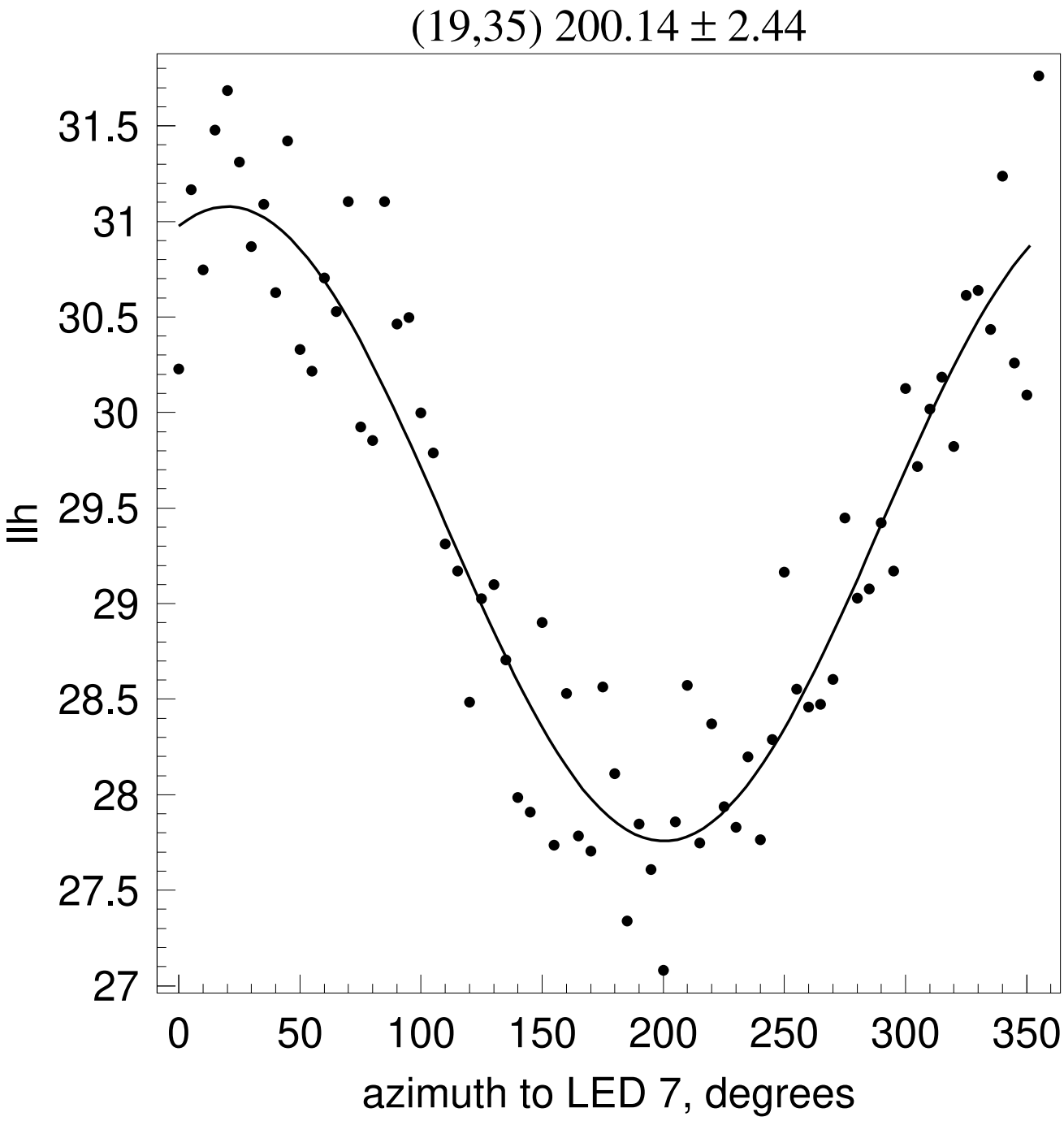

(19,30) 176.97 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

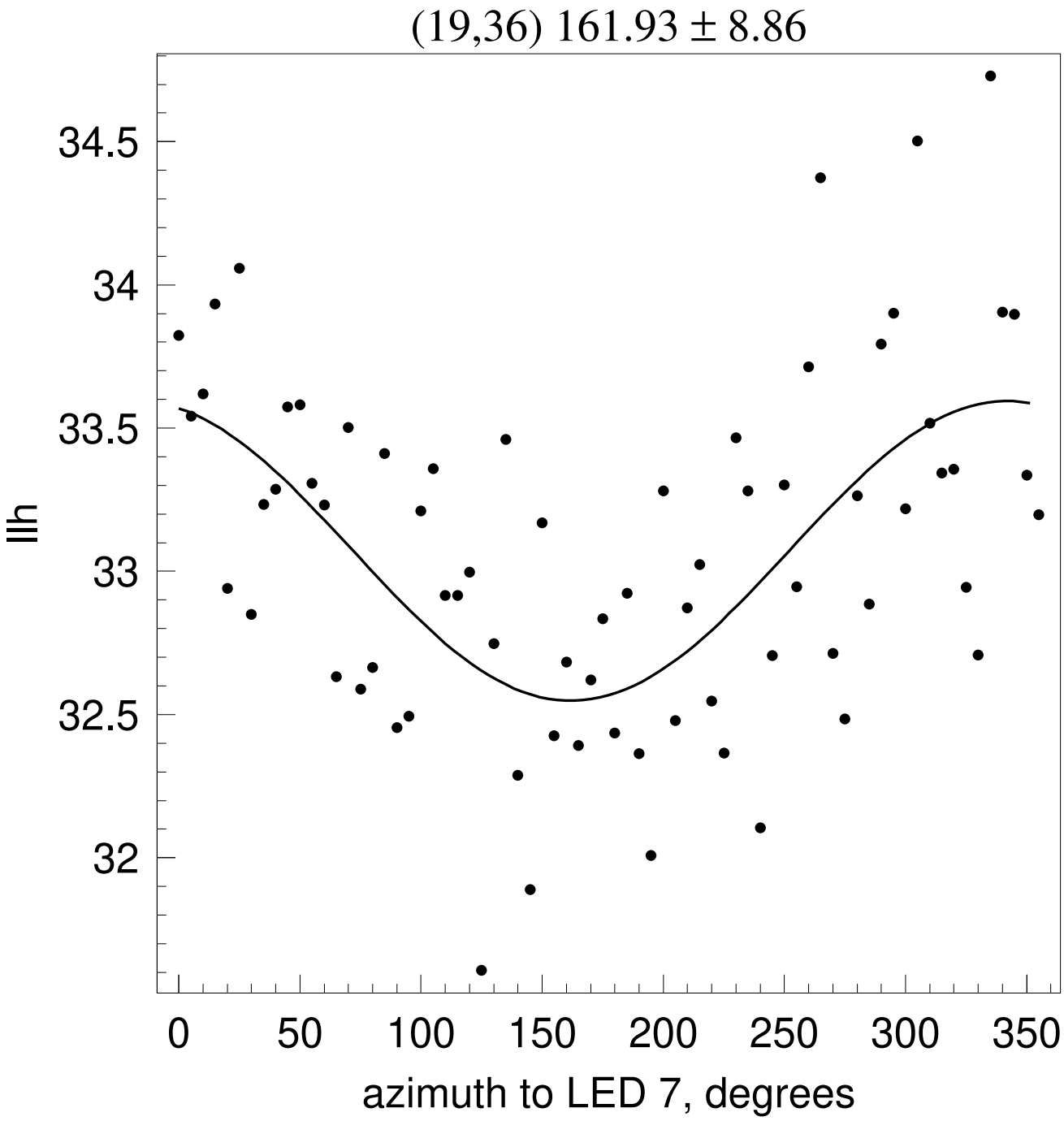

(19,31) 306.65 ± 0.16
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

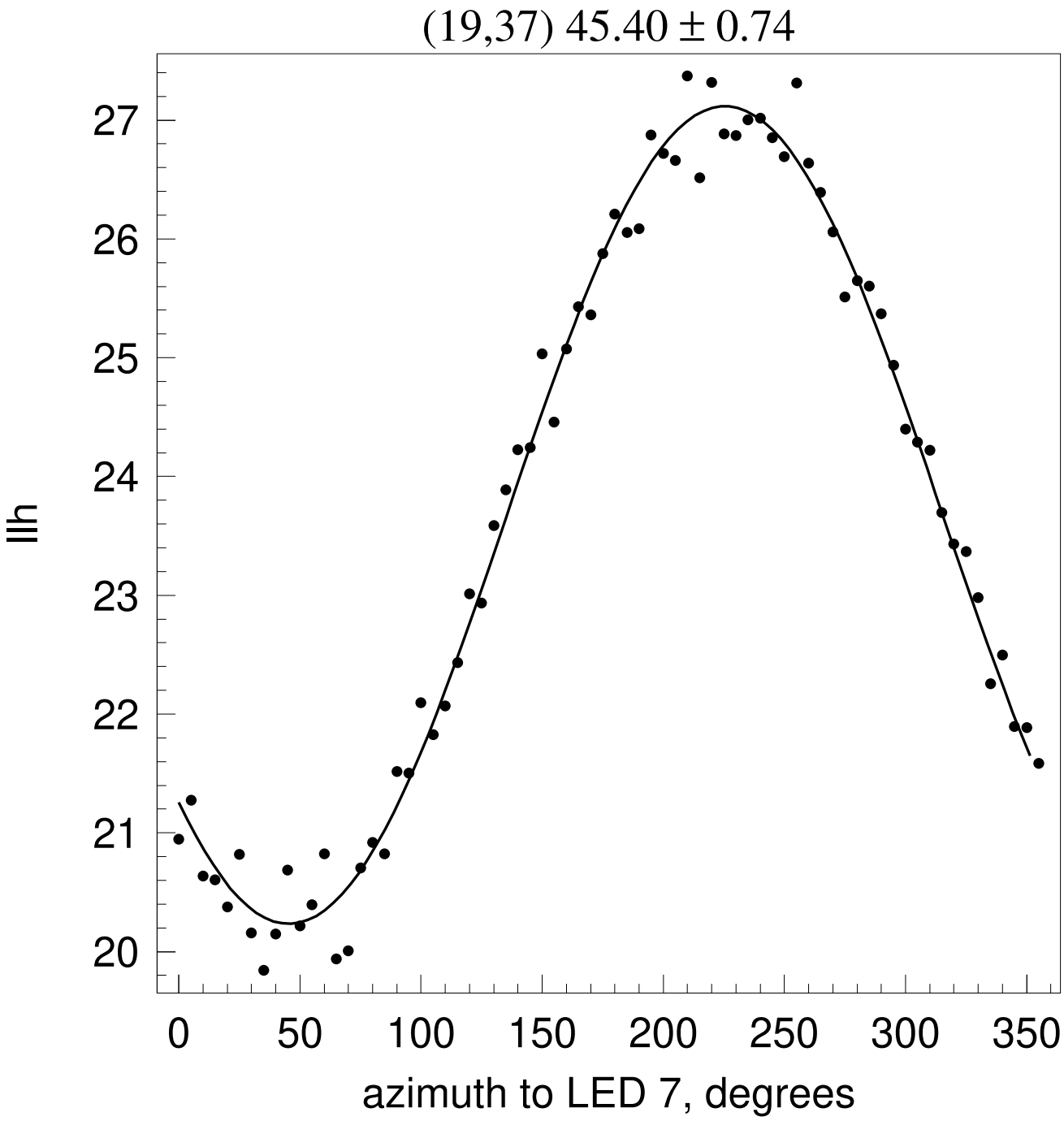

(19,32) 230.96 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

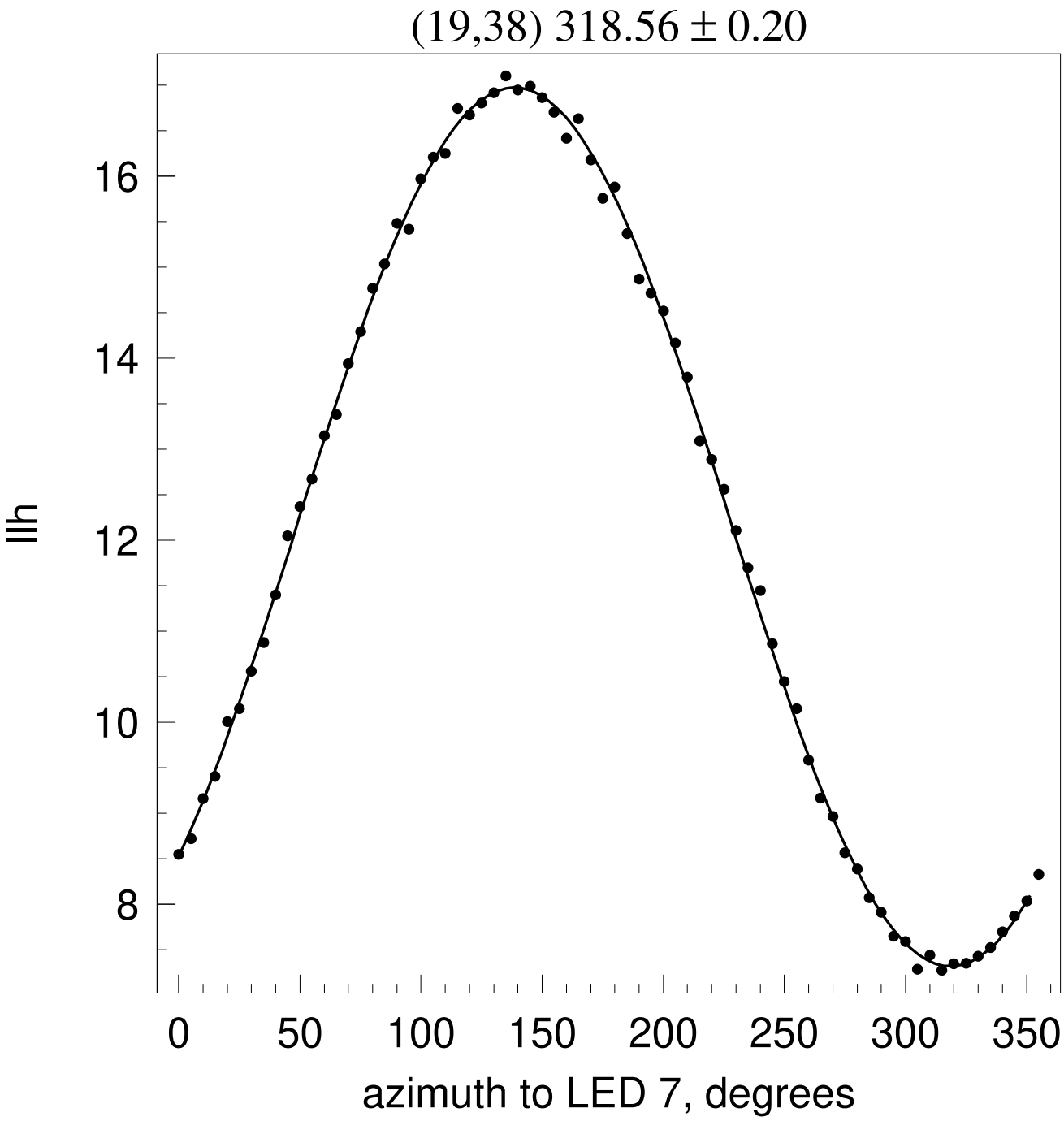

(19,33) 236.81 ± 0.20
42.5
40
37.5
35
32.5
30
27.5
25
22.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

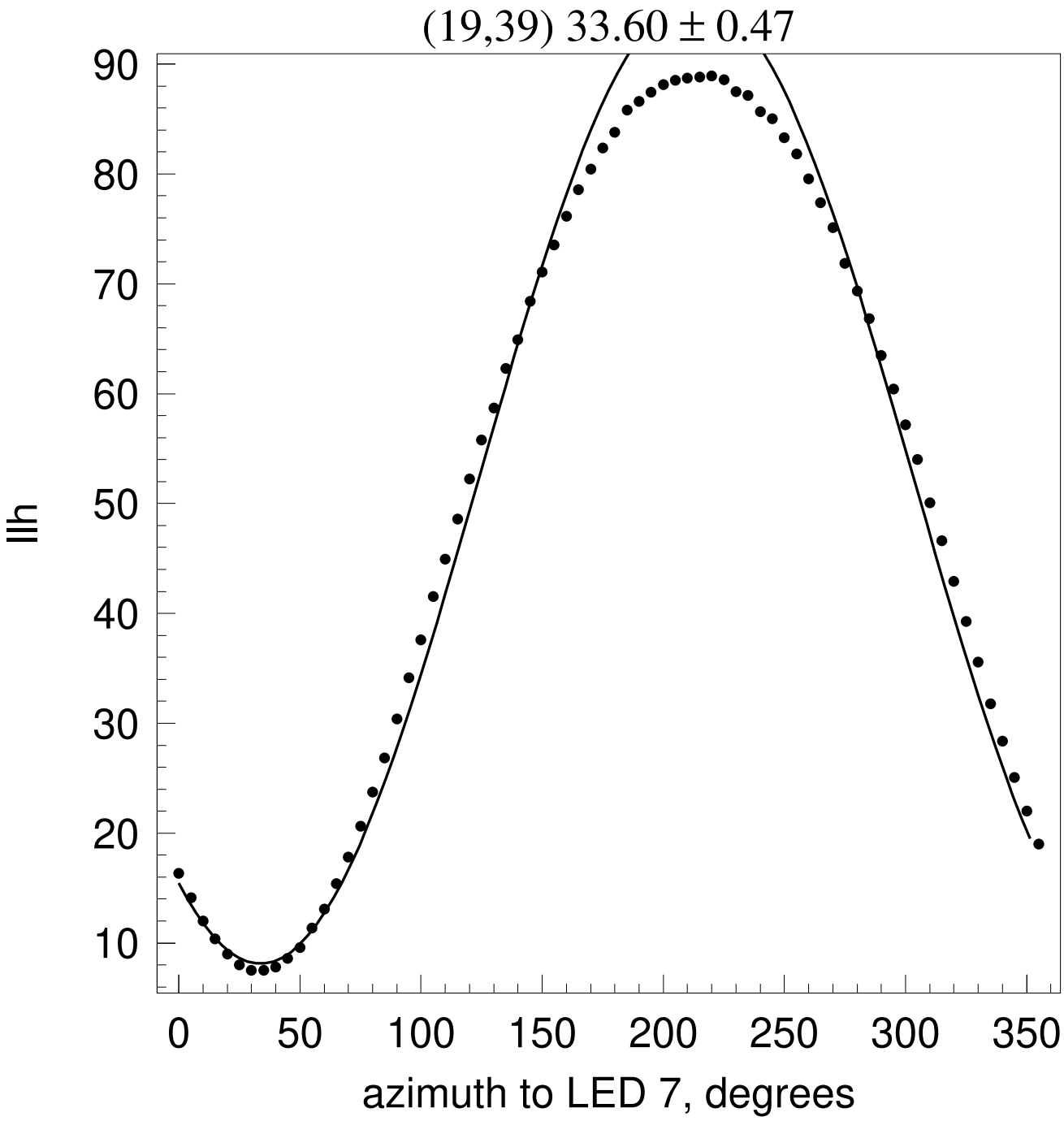

(19,34) 228.46 ± 0.38
47.5
45
42.5
40
37.5
35
32.5
30
27.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

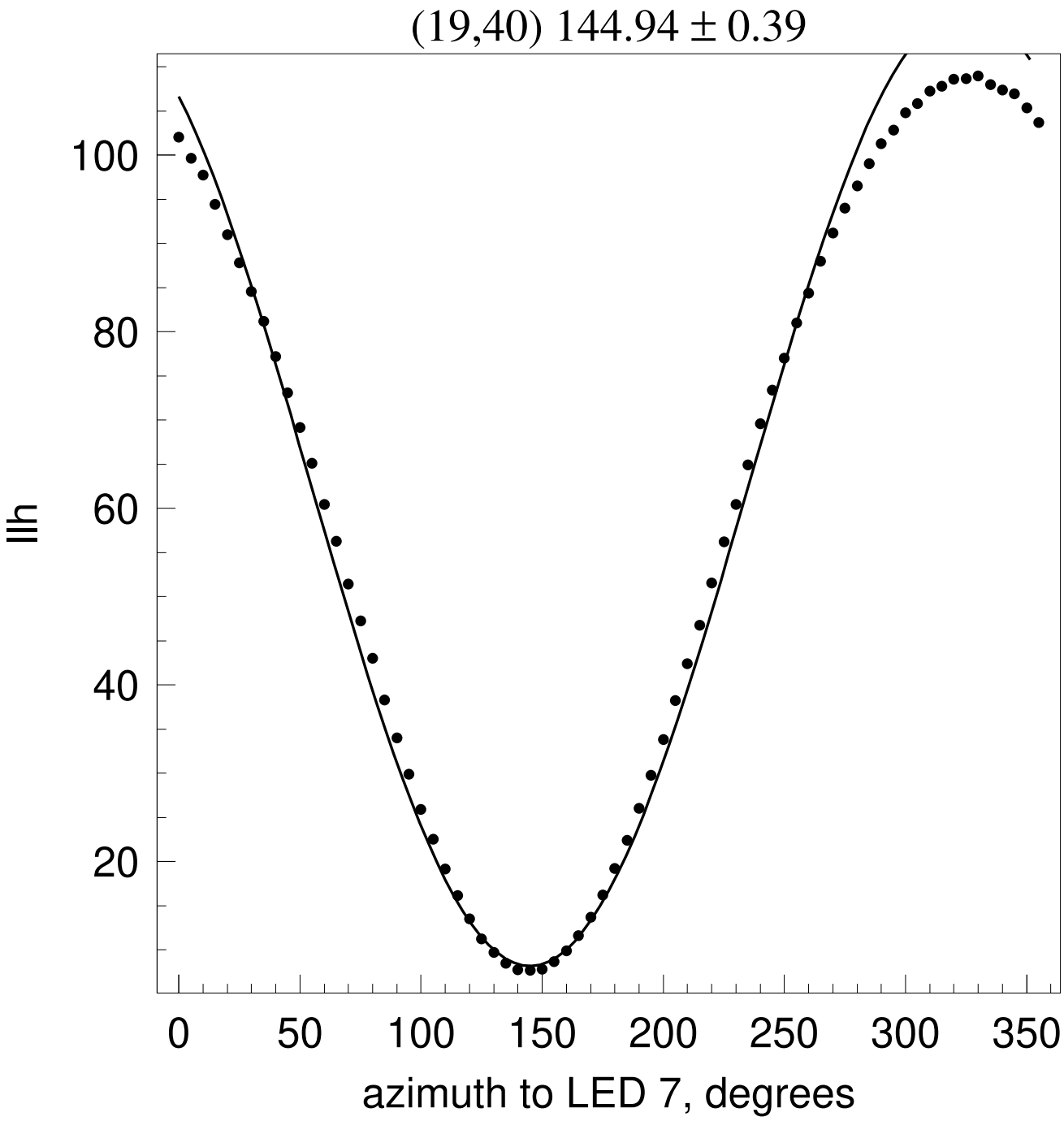

(19,35) 200.14 ± 2.44
31.5
31
30.5
30
29.5
29
28.5
28
27.5
27
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

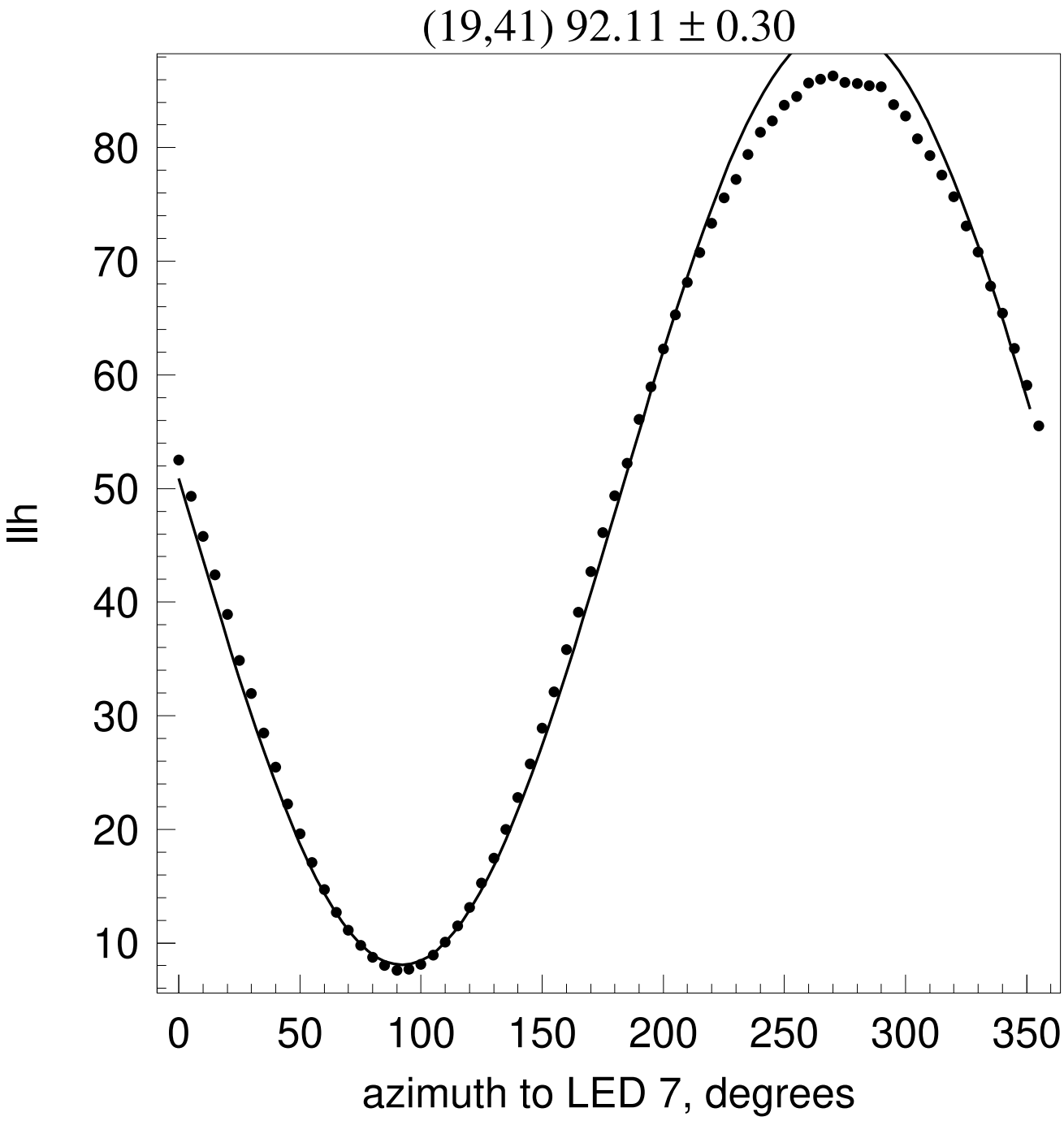

(19,36) 161.93 ± 8.86
34.5
34
33.5
33
32.5
32
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

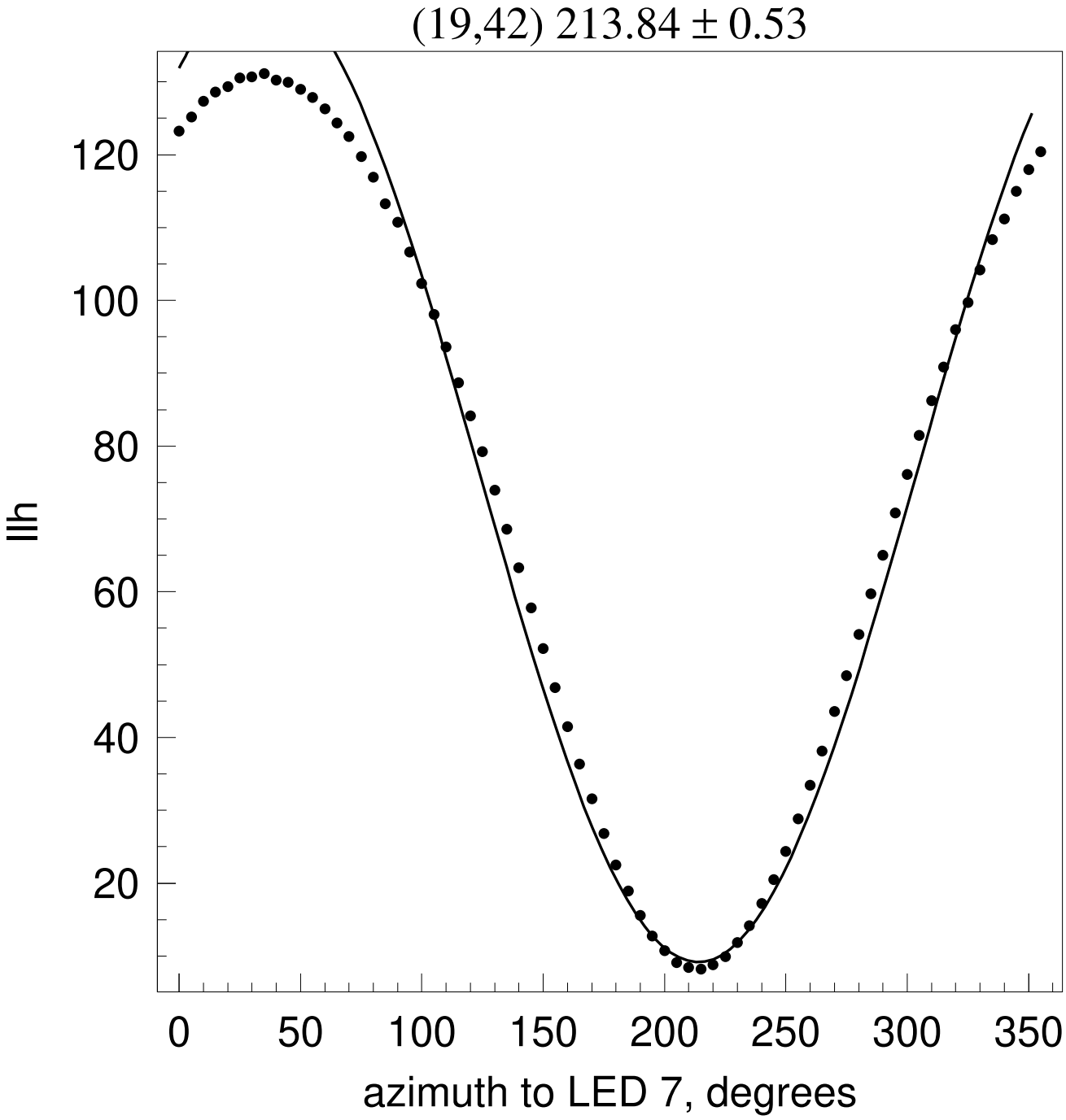

(19,37) 45.40 ± 0.74
27
26
25
24
23
22
21
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

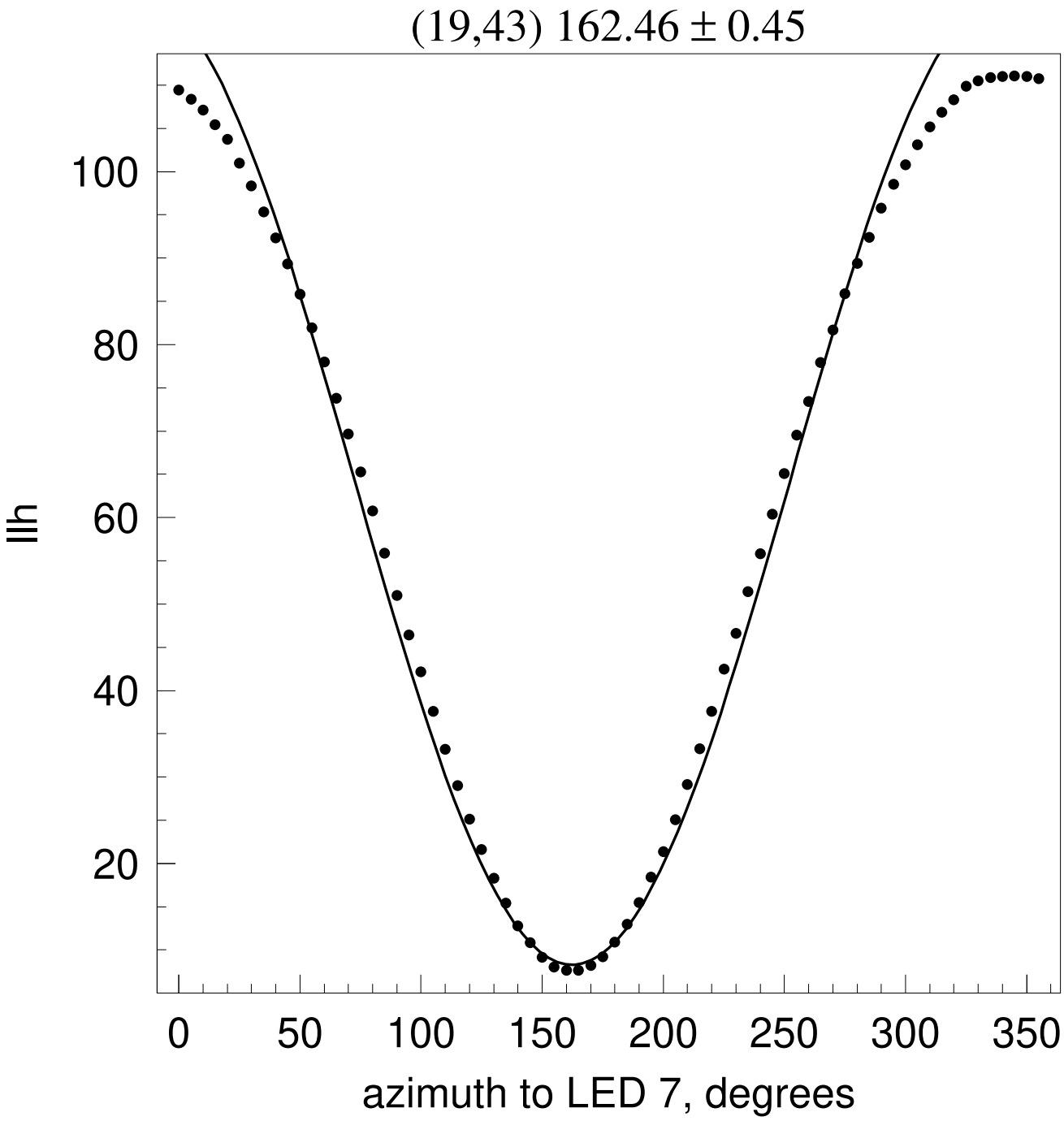

(19,38) 318.56 ± 0.20
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

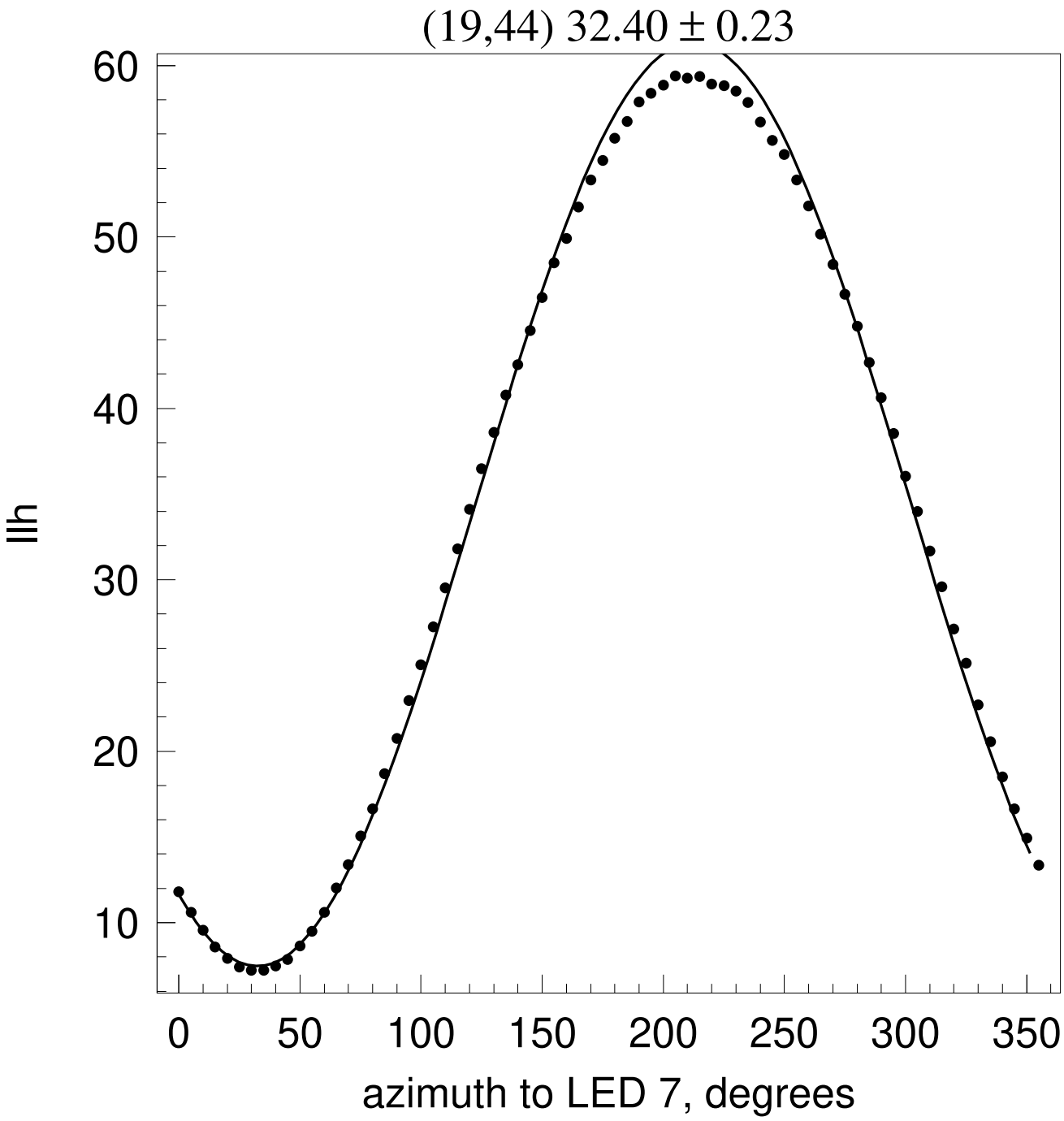

(19,39) 33.60 ± 0.47
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

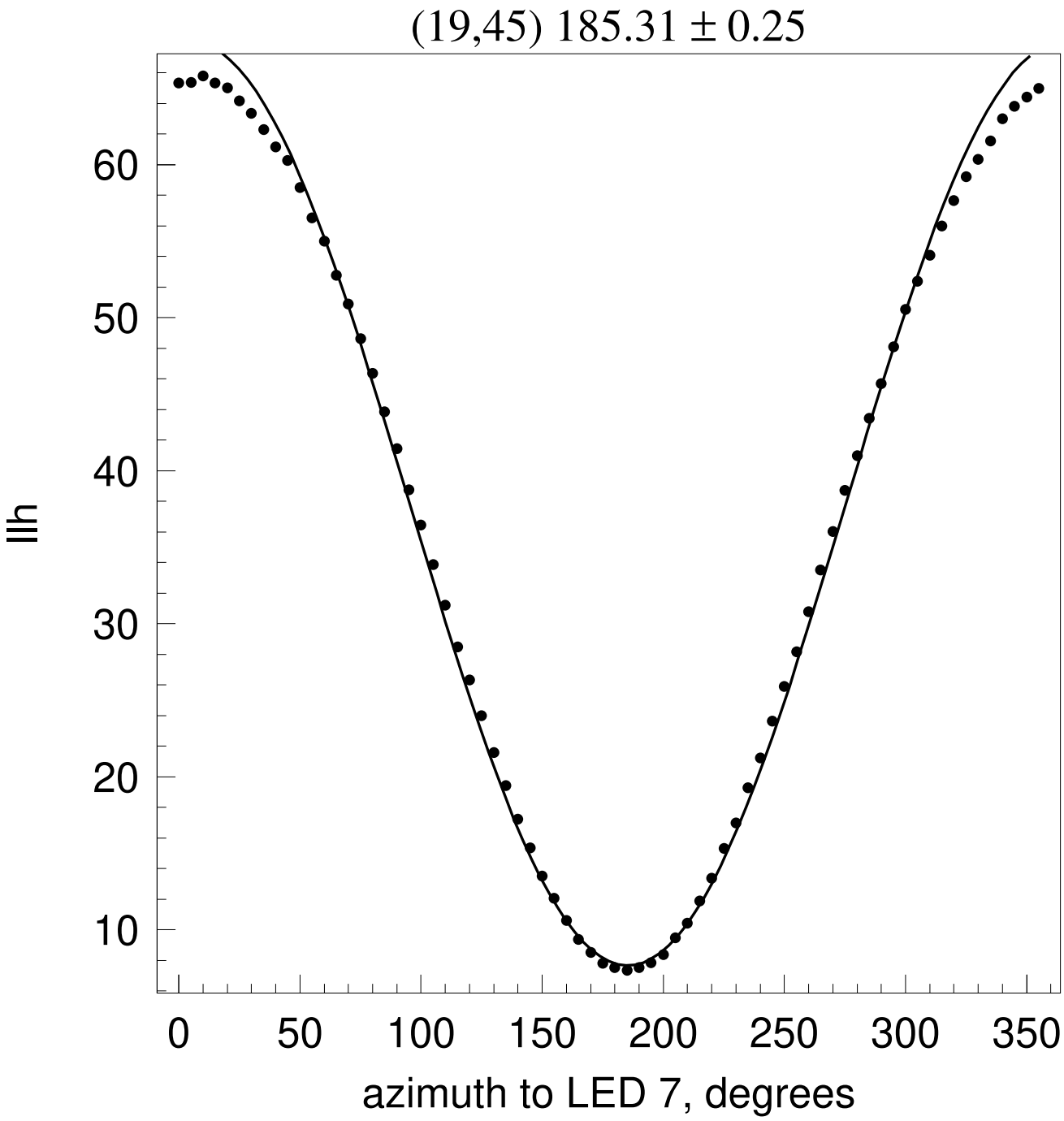

(19,40) 144.94 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

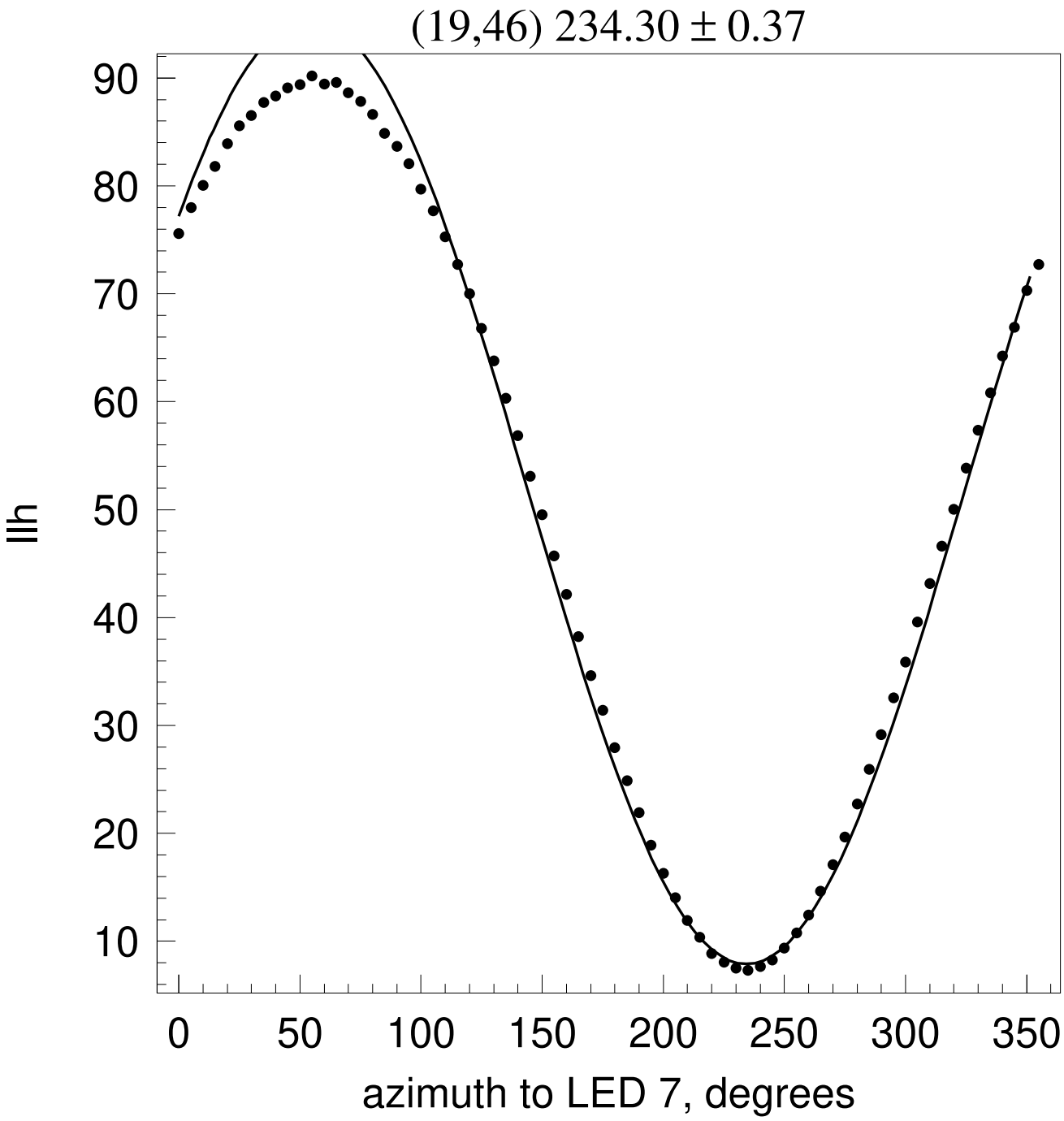

(19,41) 92.11 ± 0.30
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

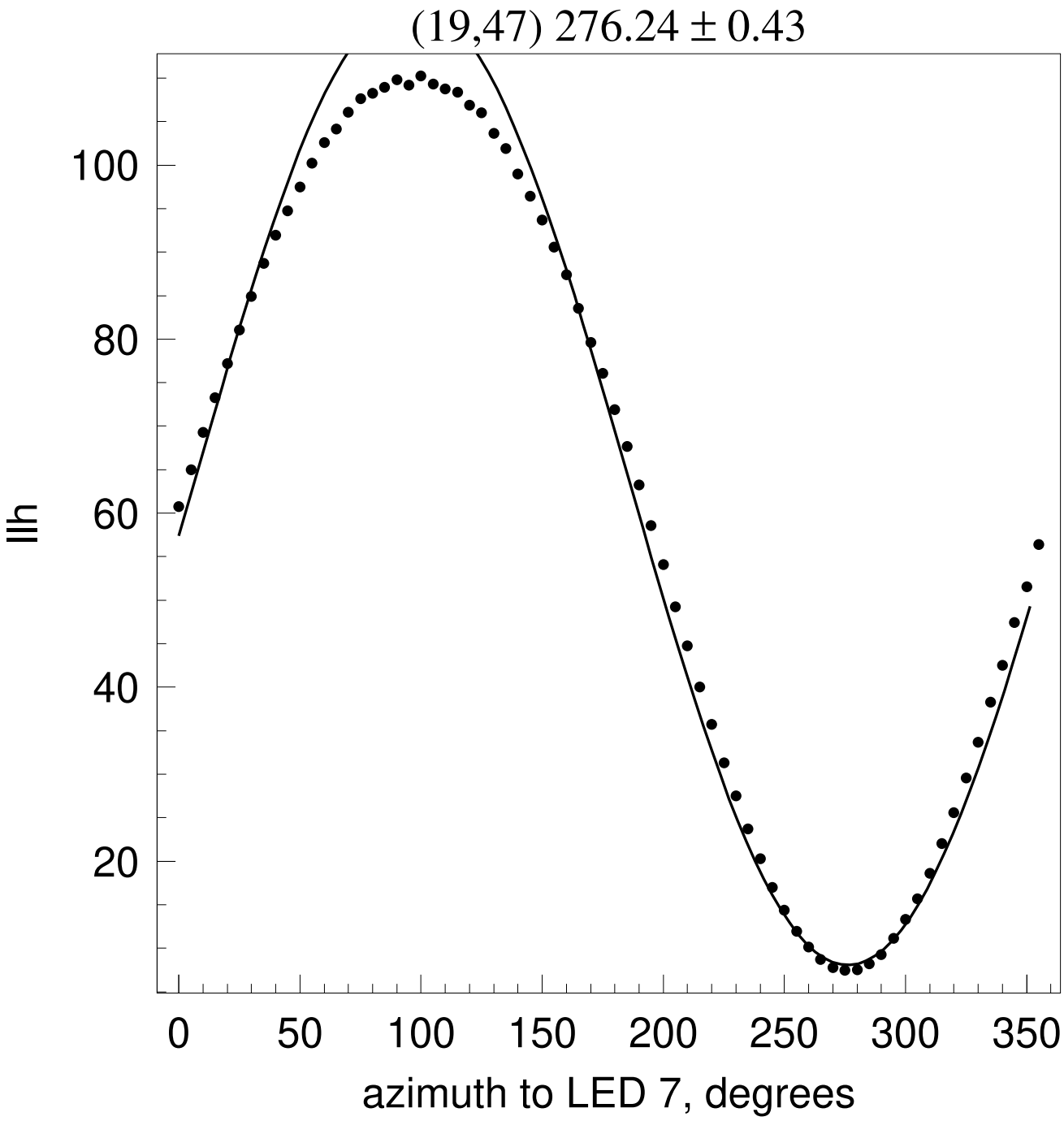

(19,42) 213.84 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

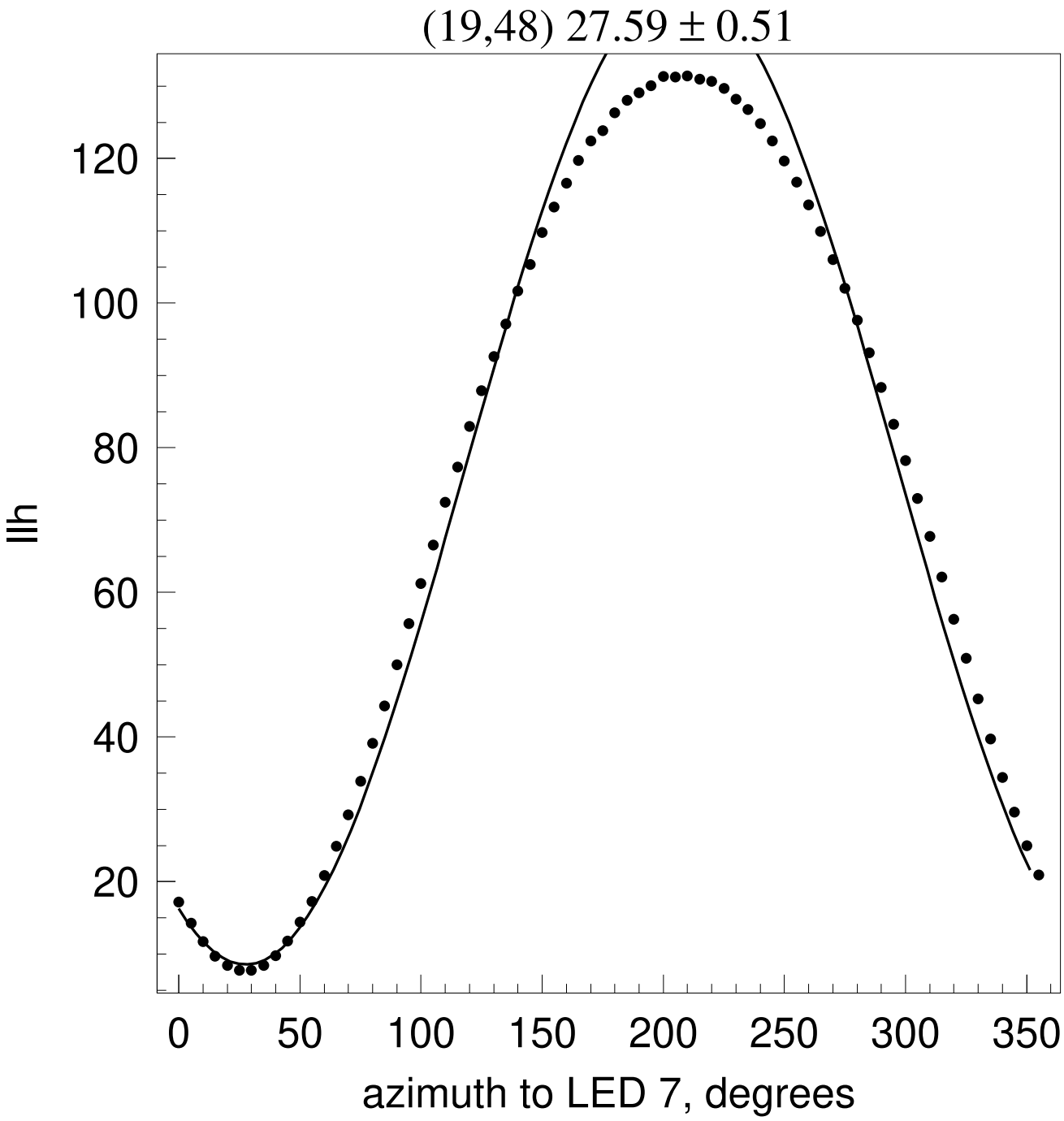

(19,43) 162.46 ± 0.45
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

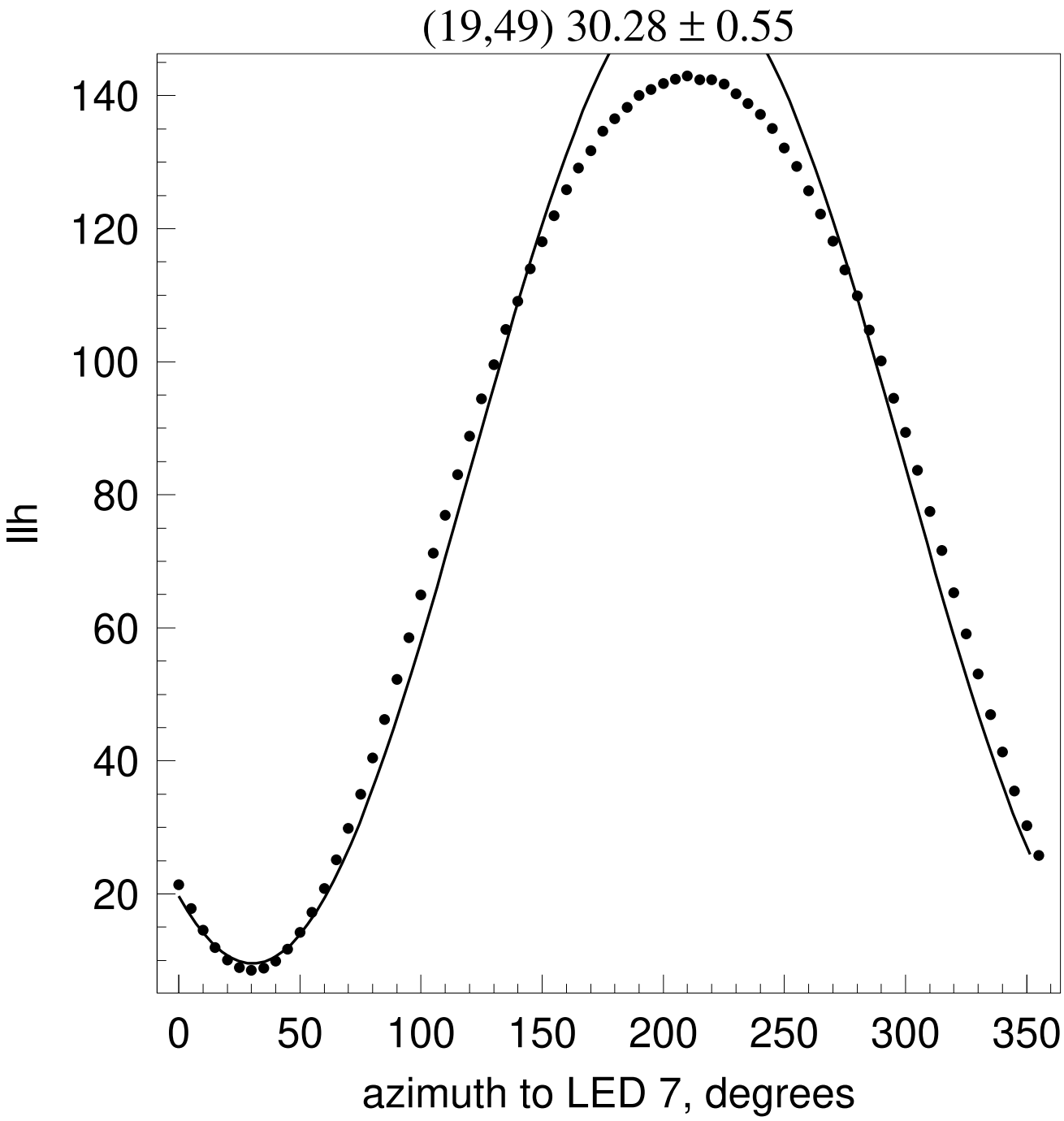

(19,44) 32.40 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

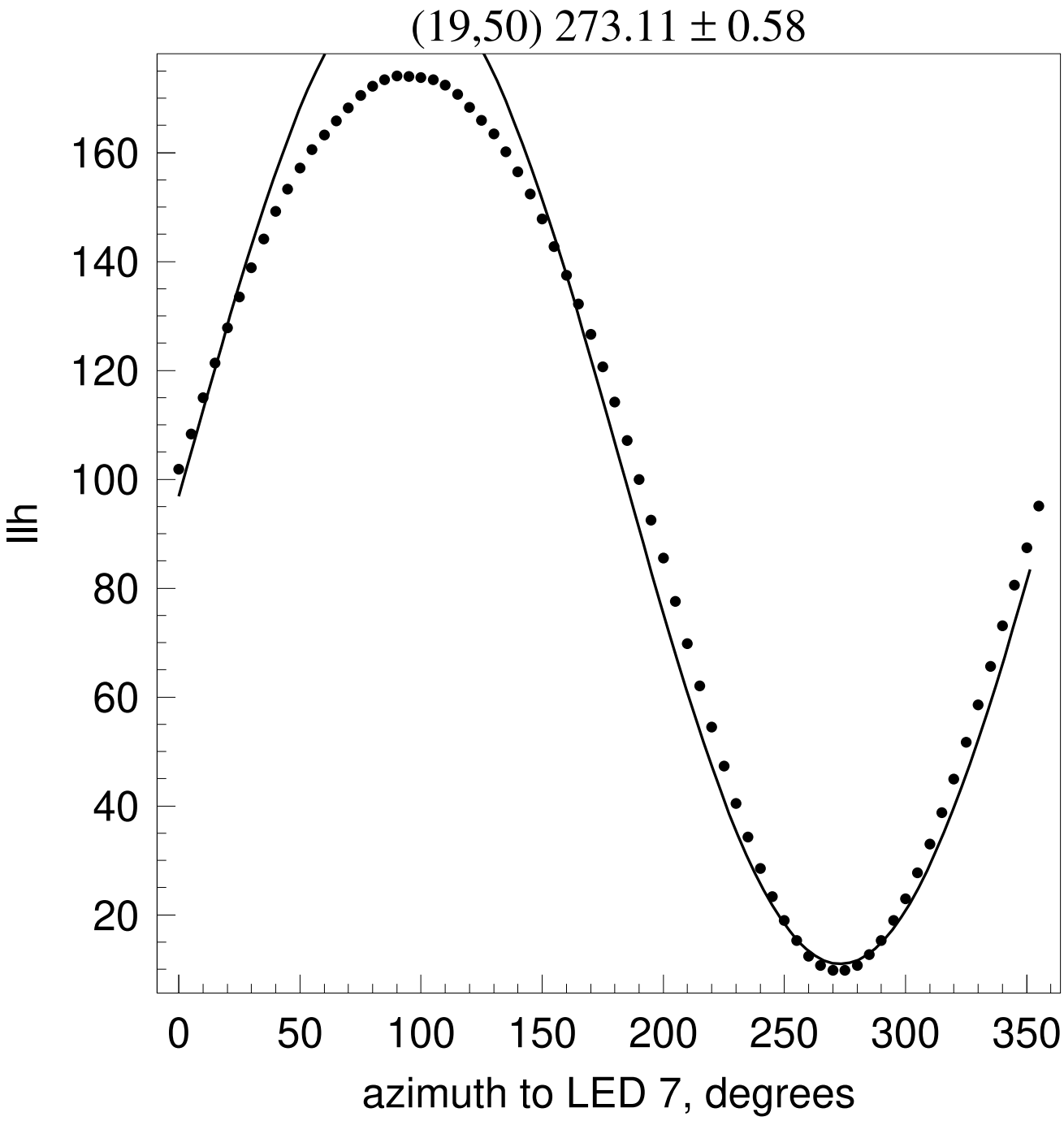

(19,45) 185.31 ± 0.25
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

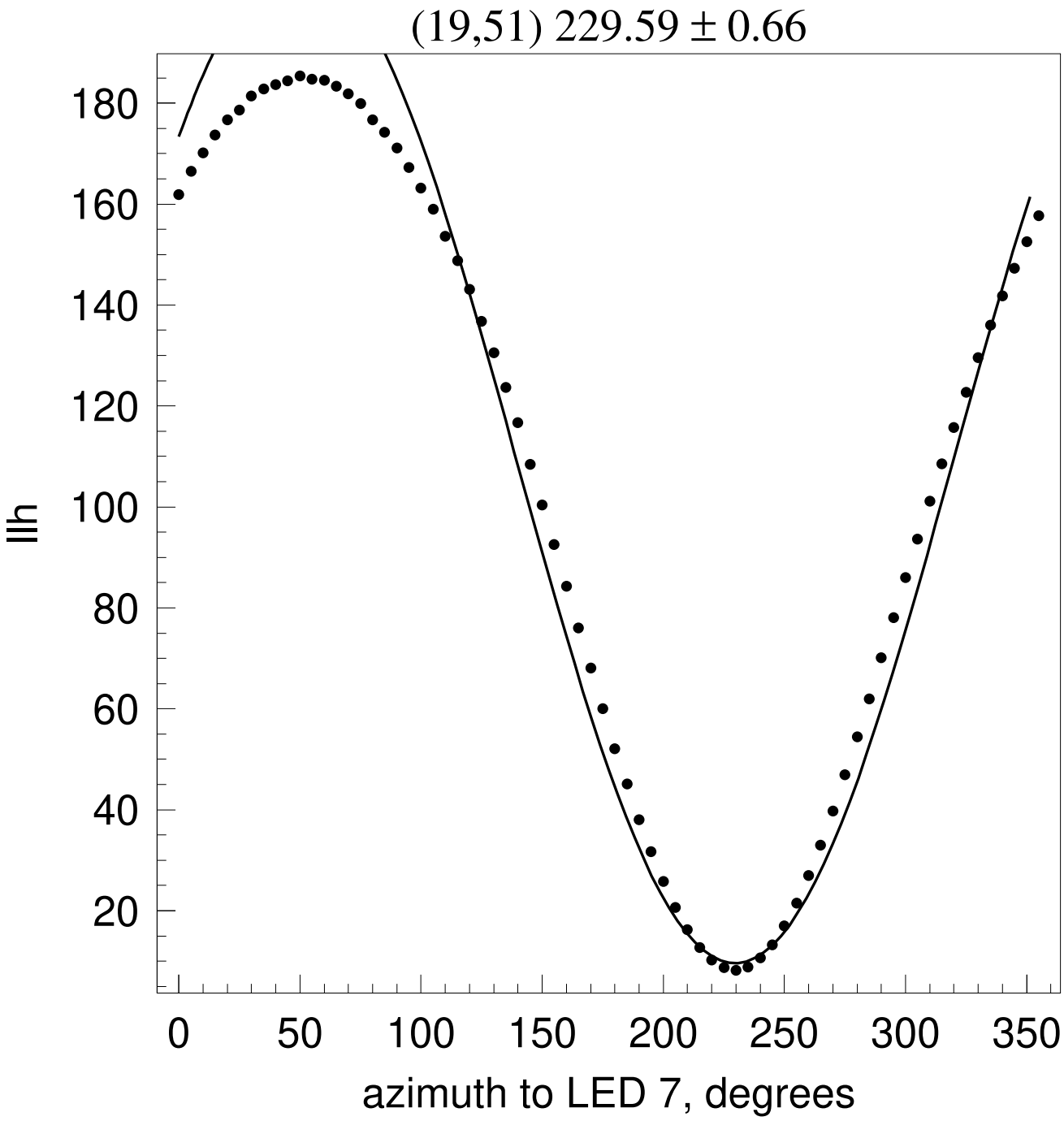

(19,46) 234.30 ± 0.37
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

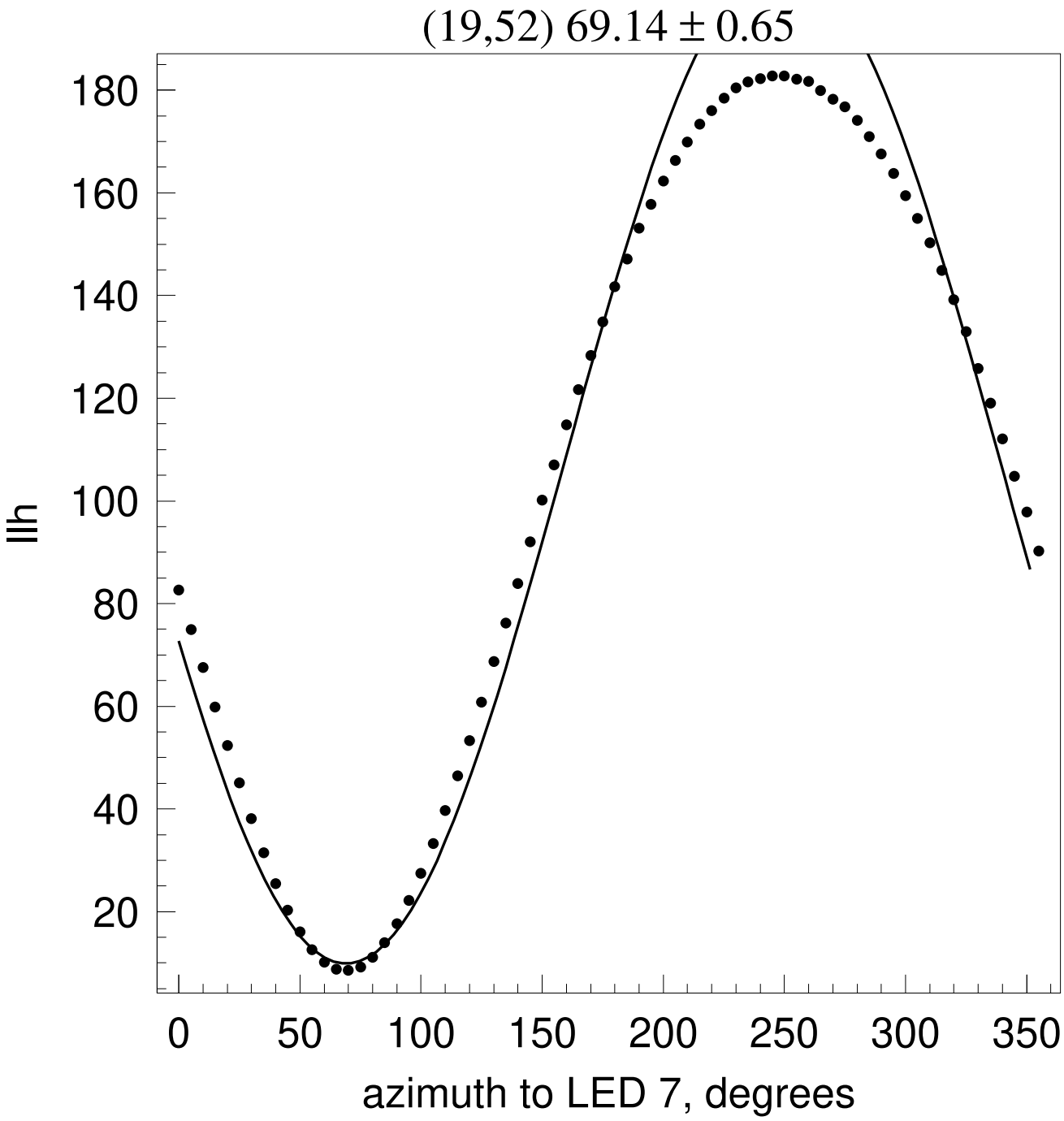

(19,47) 276.24 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

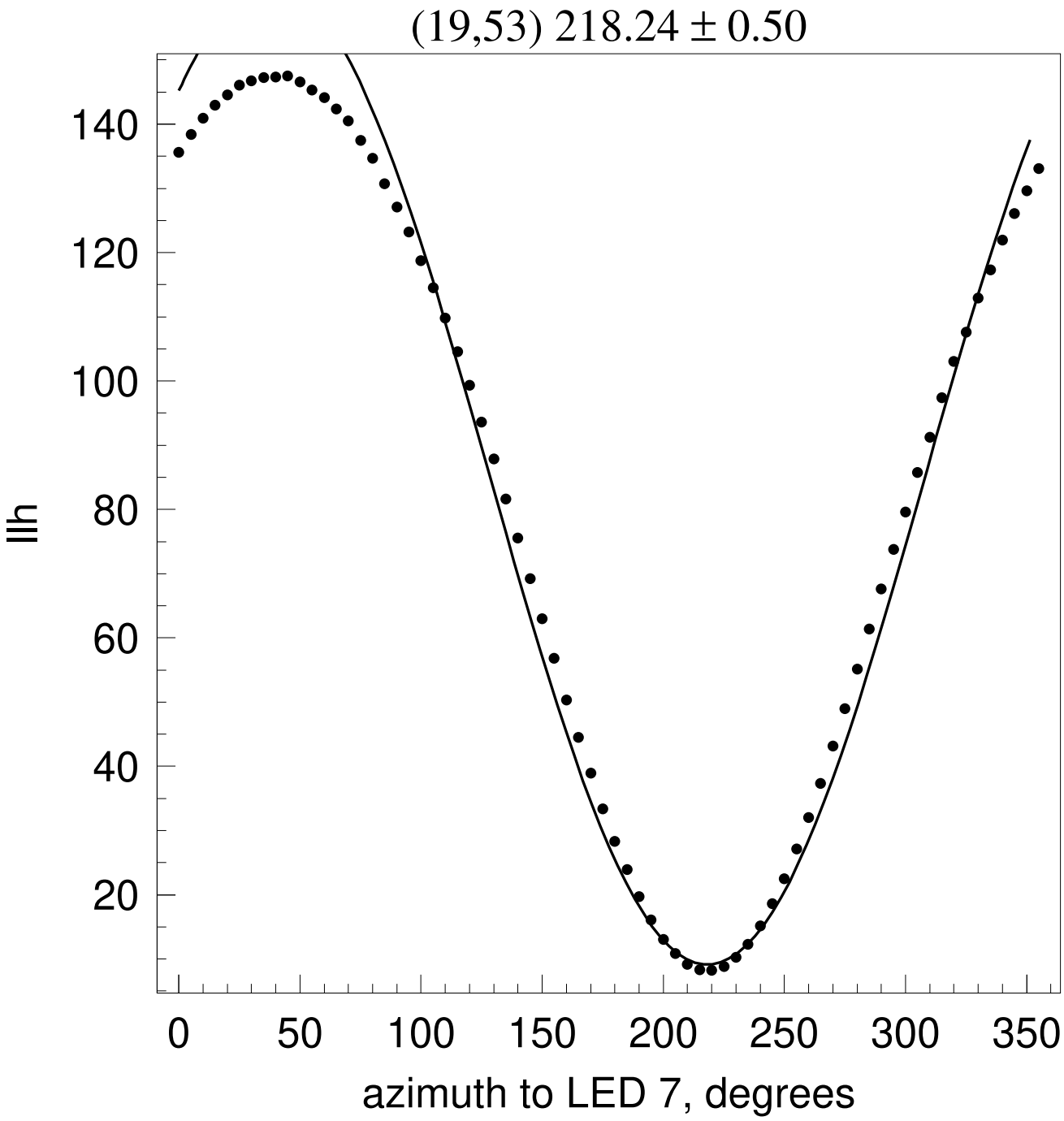

(19,48) 27.59 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

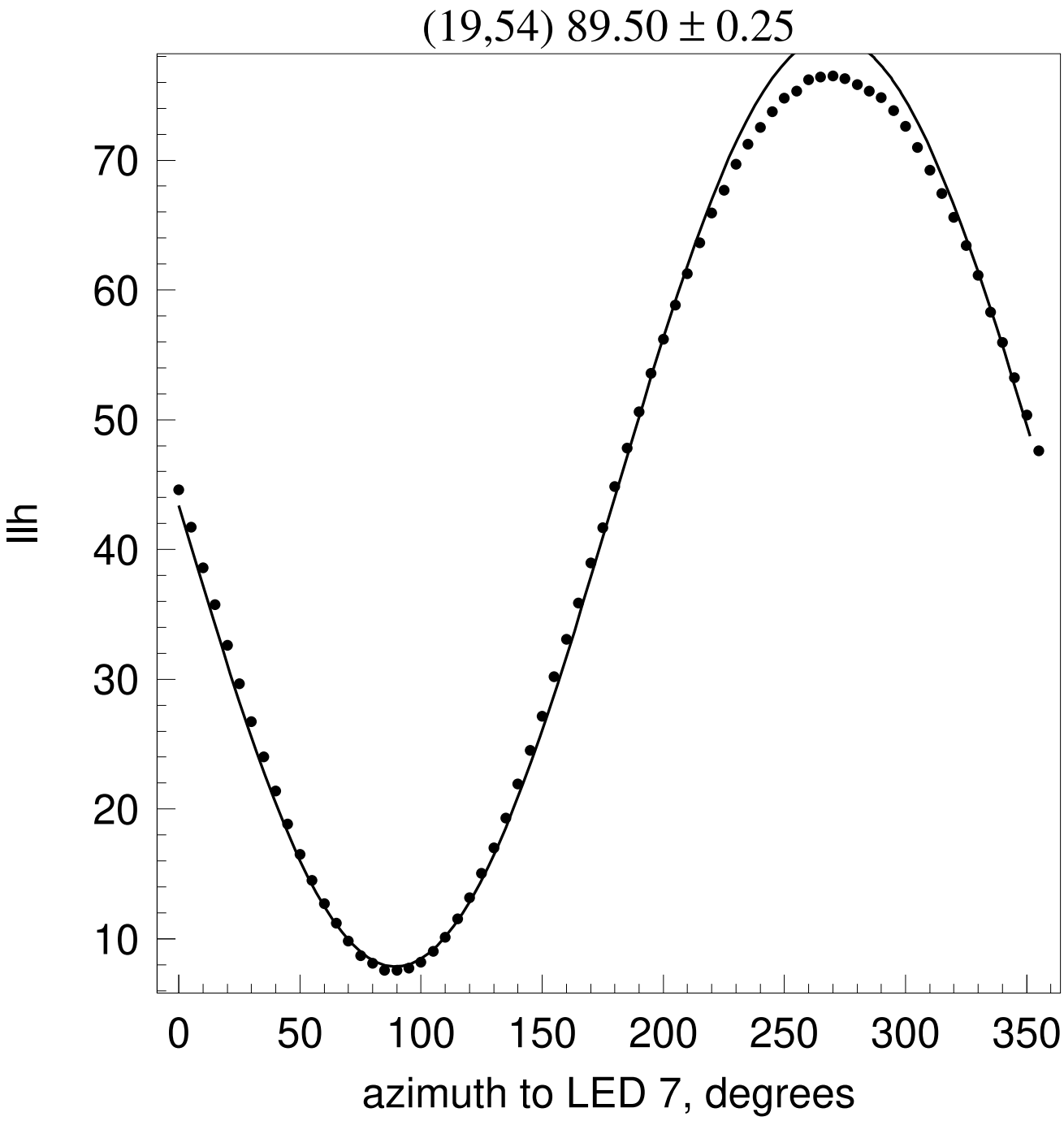

(19,49) 30.28 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

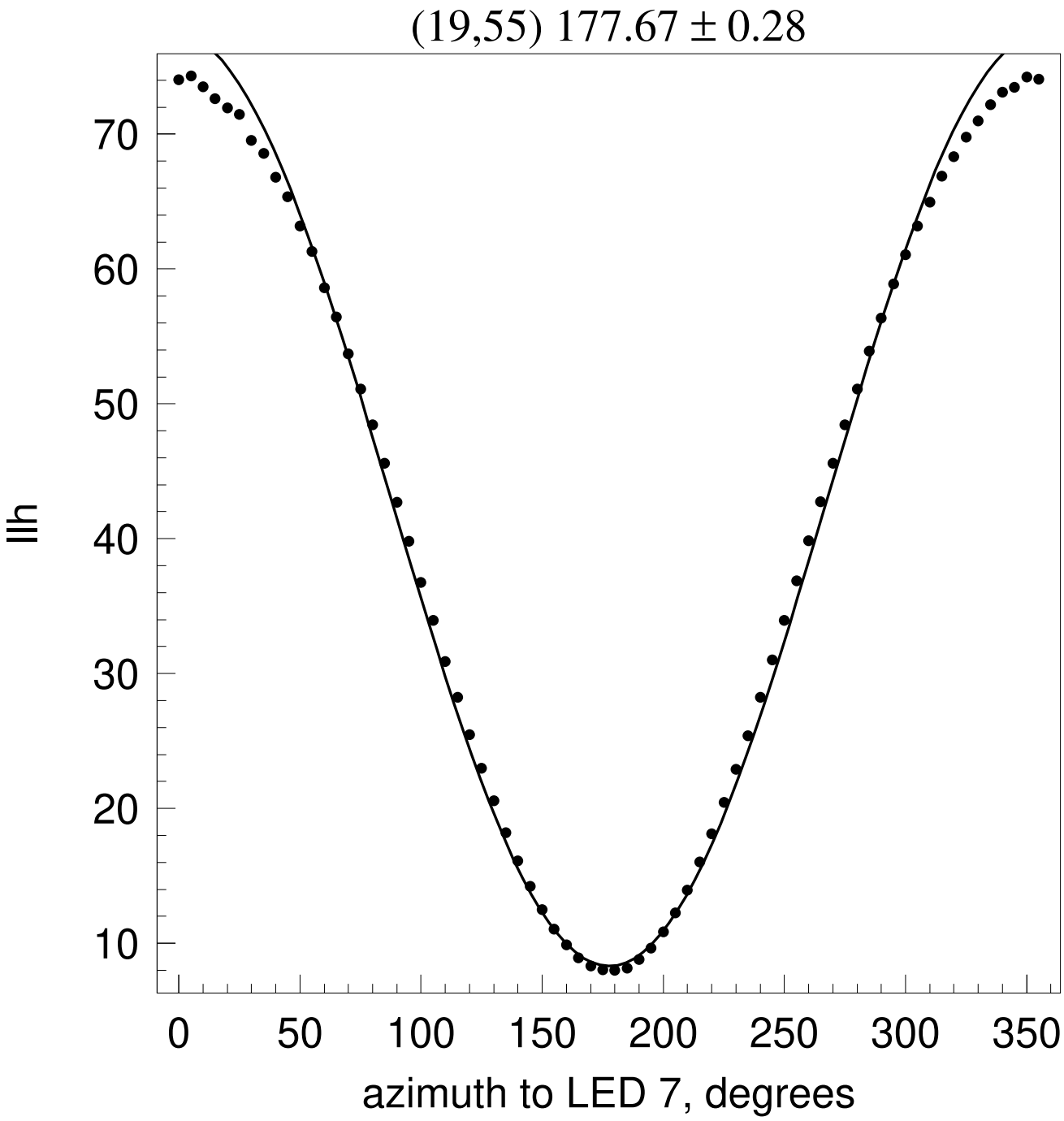

(19,50) 273.11 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

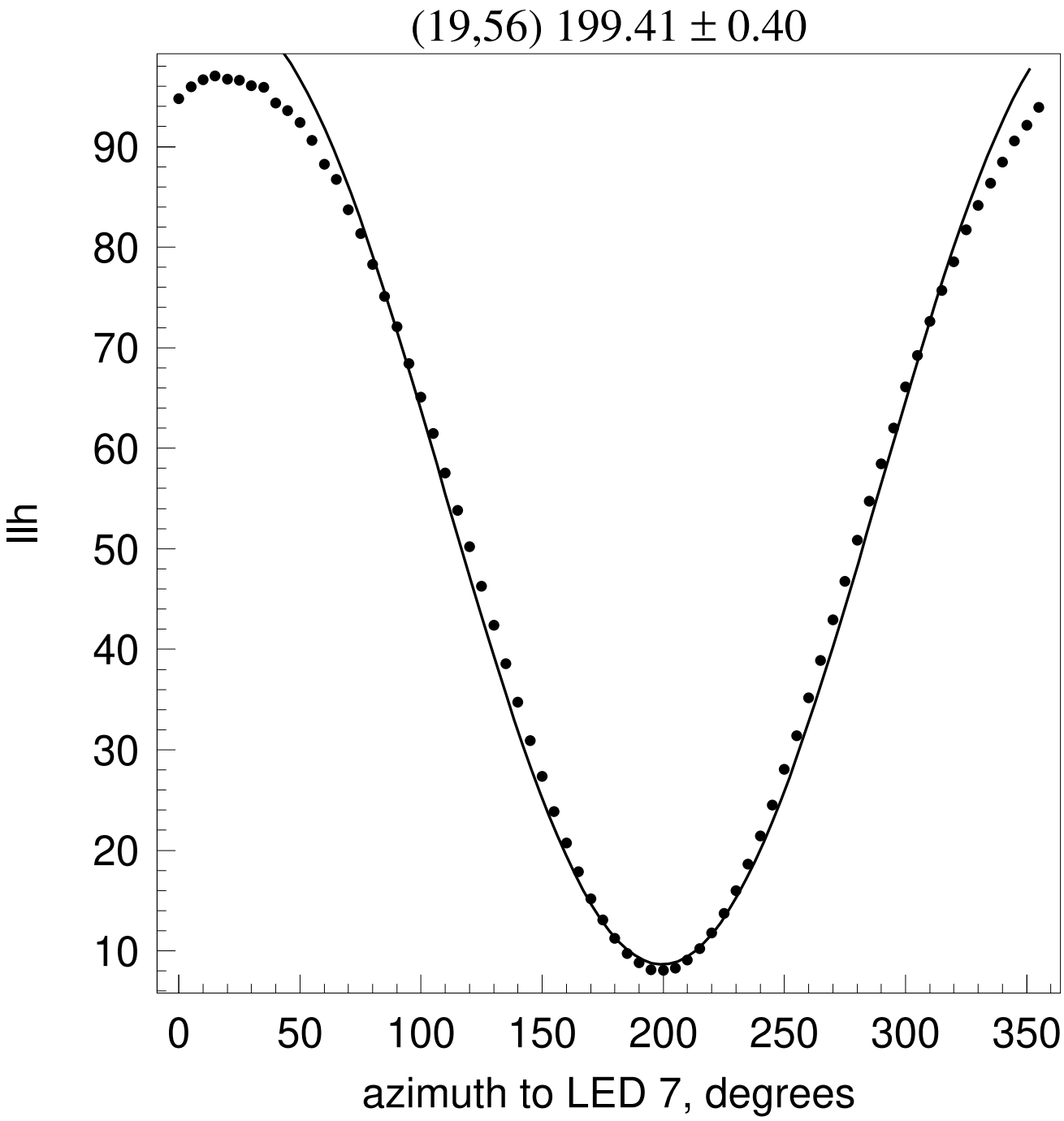

(19,51) 229.59 ± 0.66
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

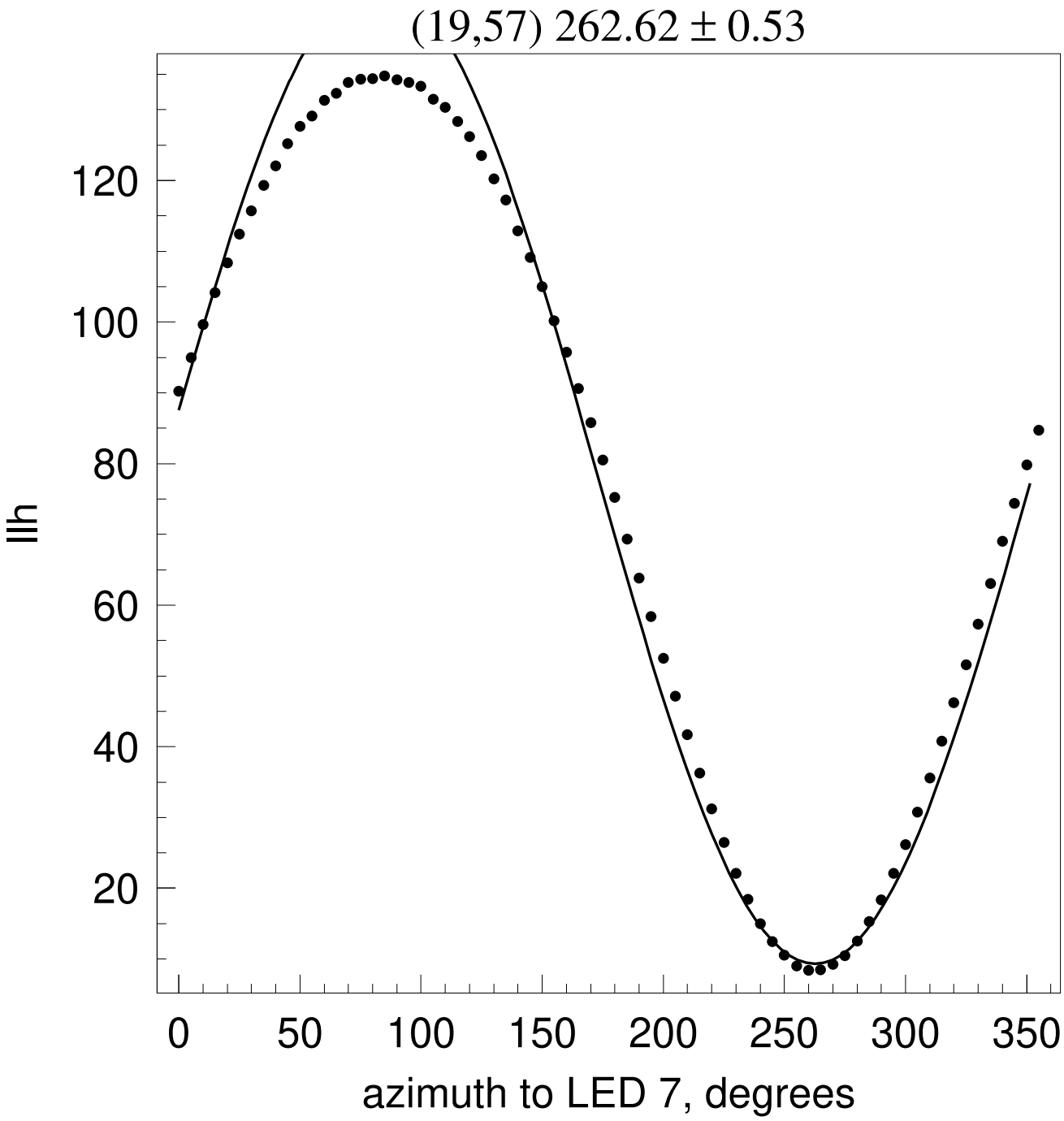

(19,52) 69.14 ± 0.65
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

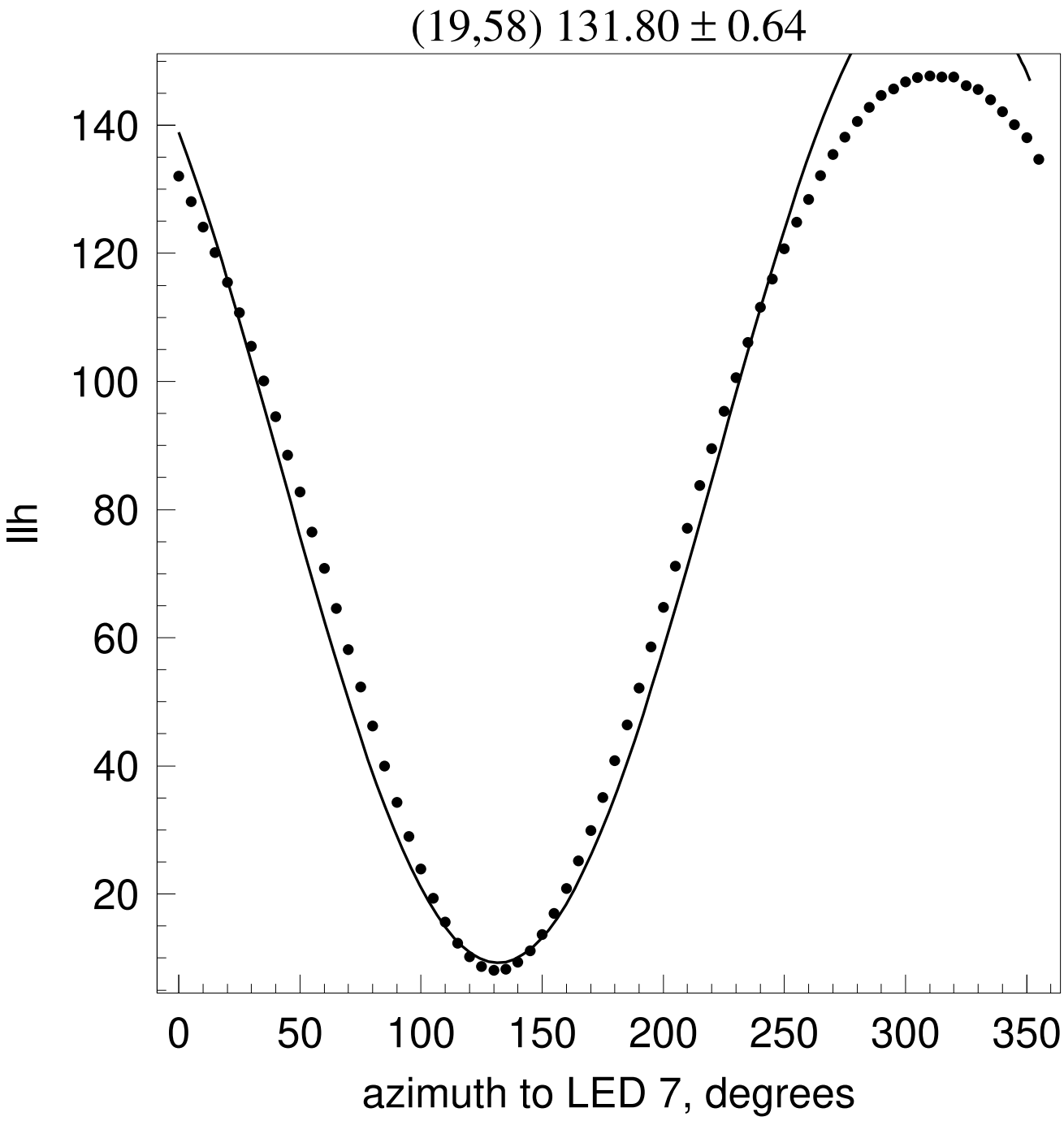

(19,53) 218.24 ± 0.50
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

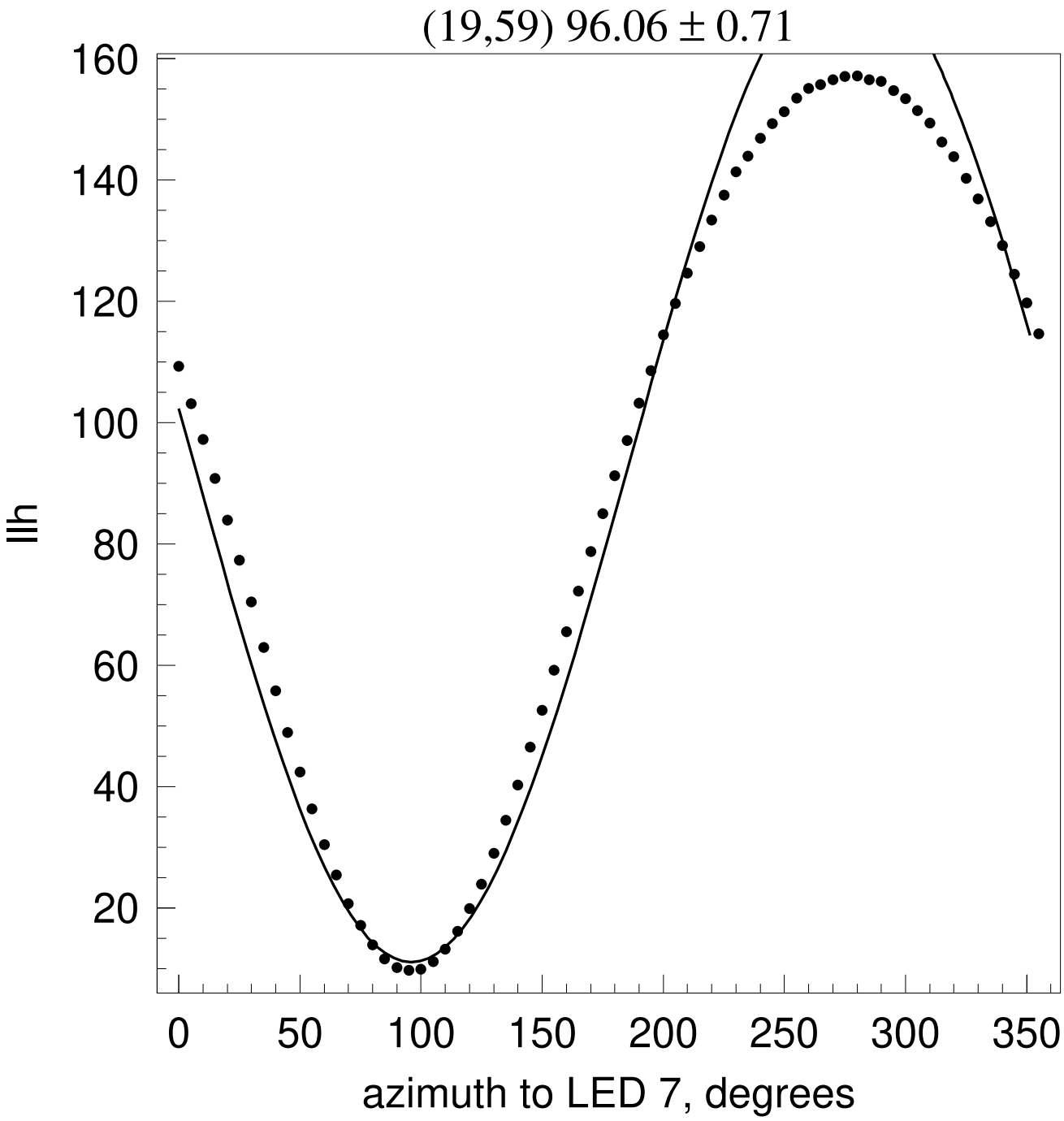

(19,54) 89.50 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

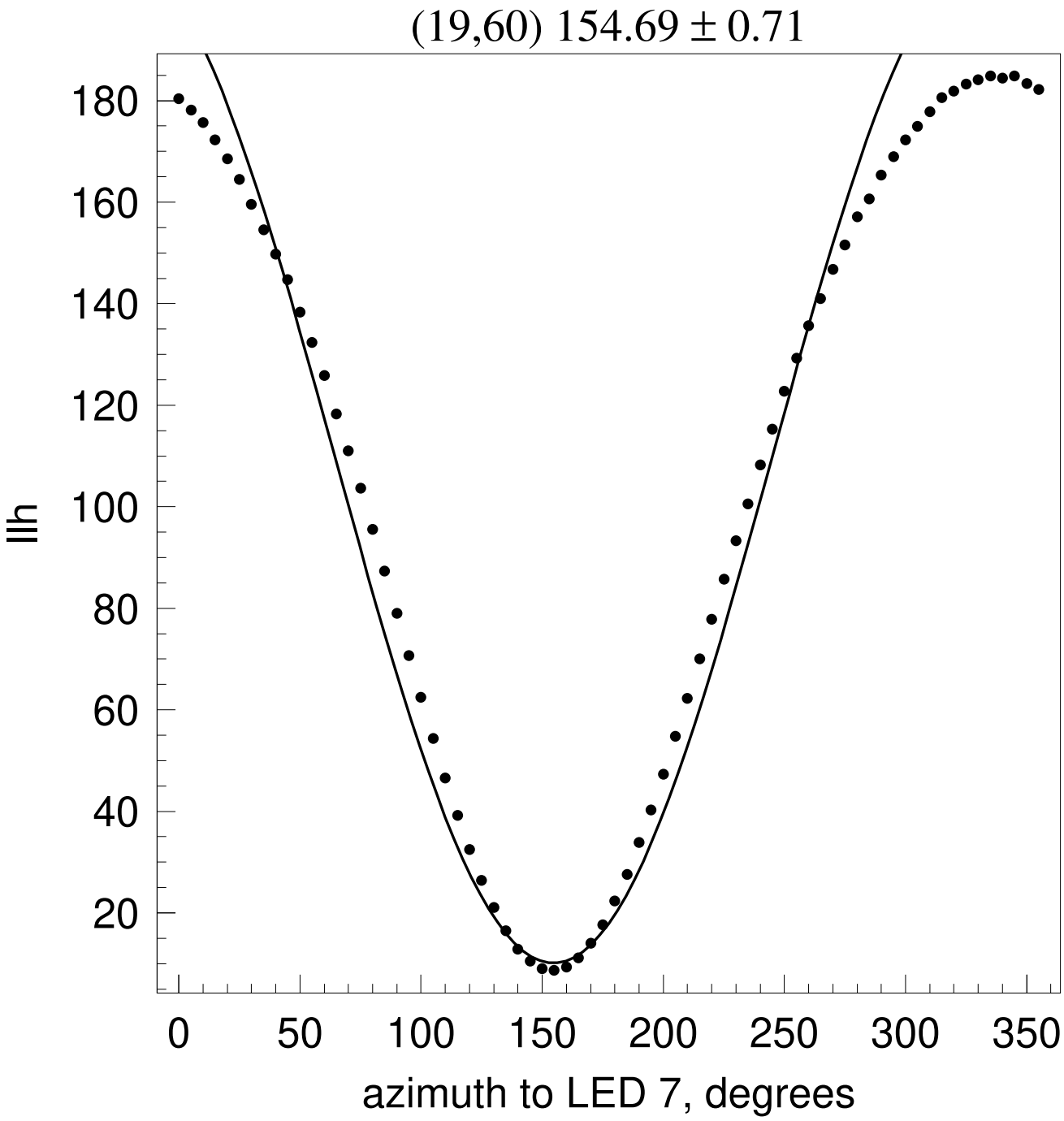

(19,55) 177.67 ± 0.28
70
60
50
40
30
20
10
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

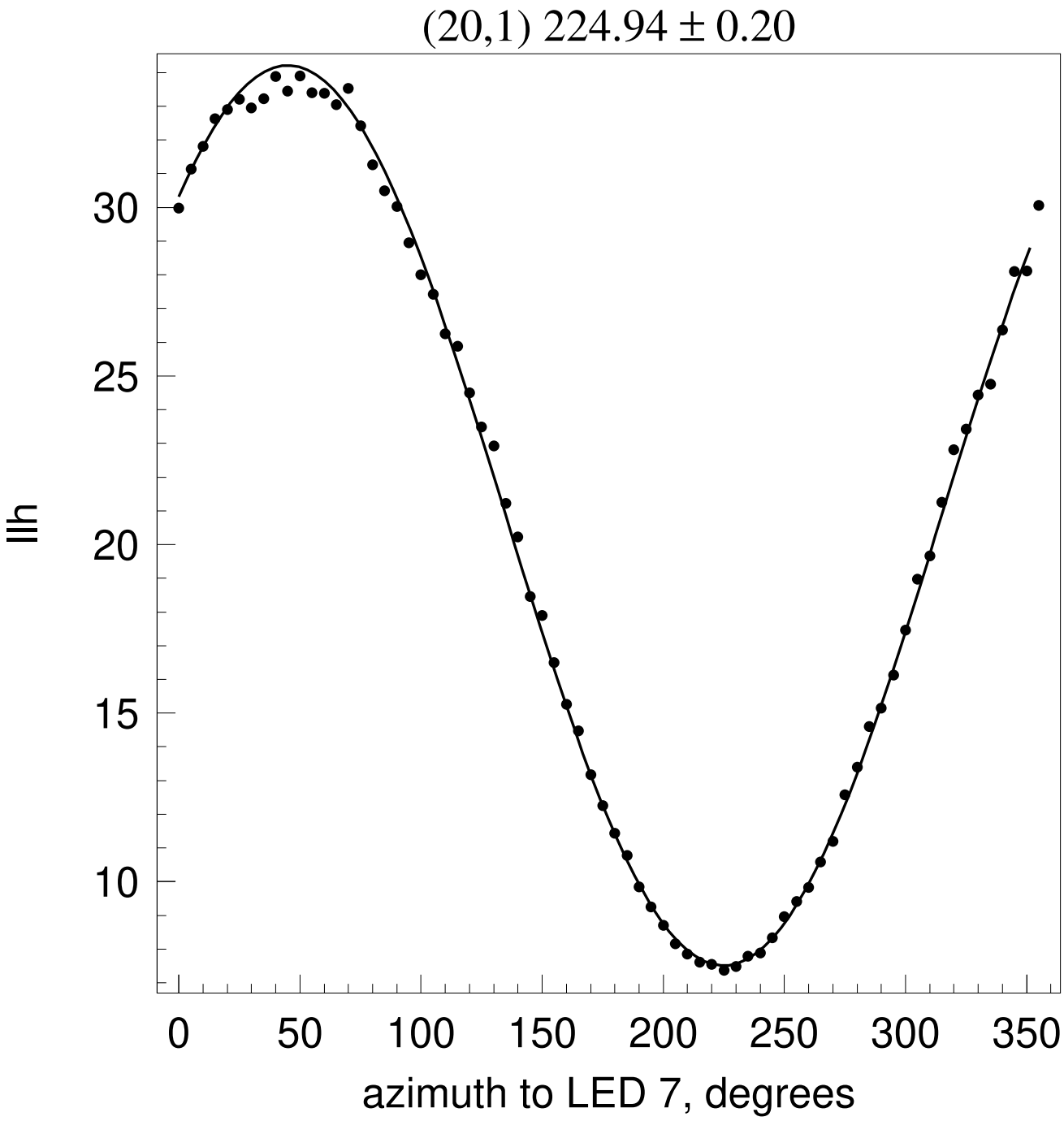

(19,56) 199.41 ± 0.40
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

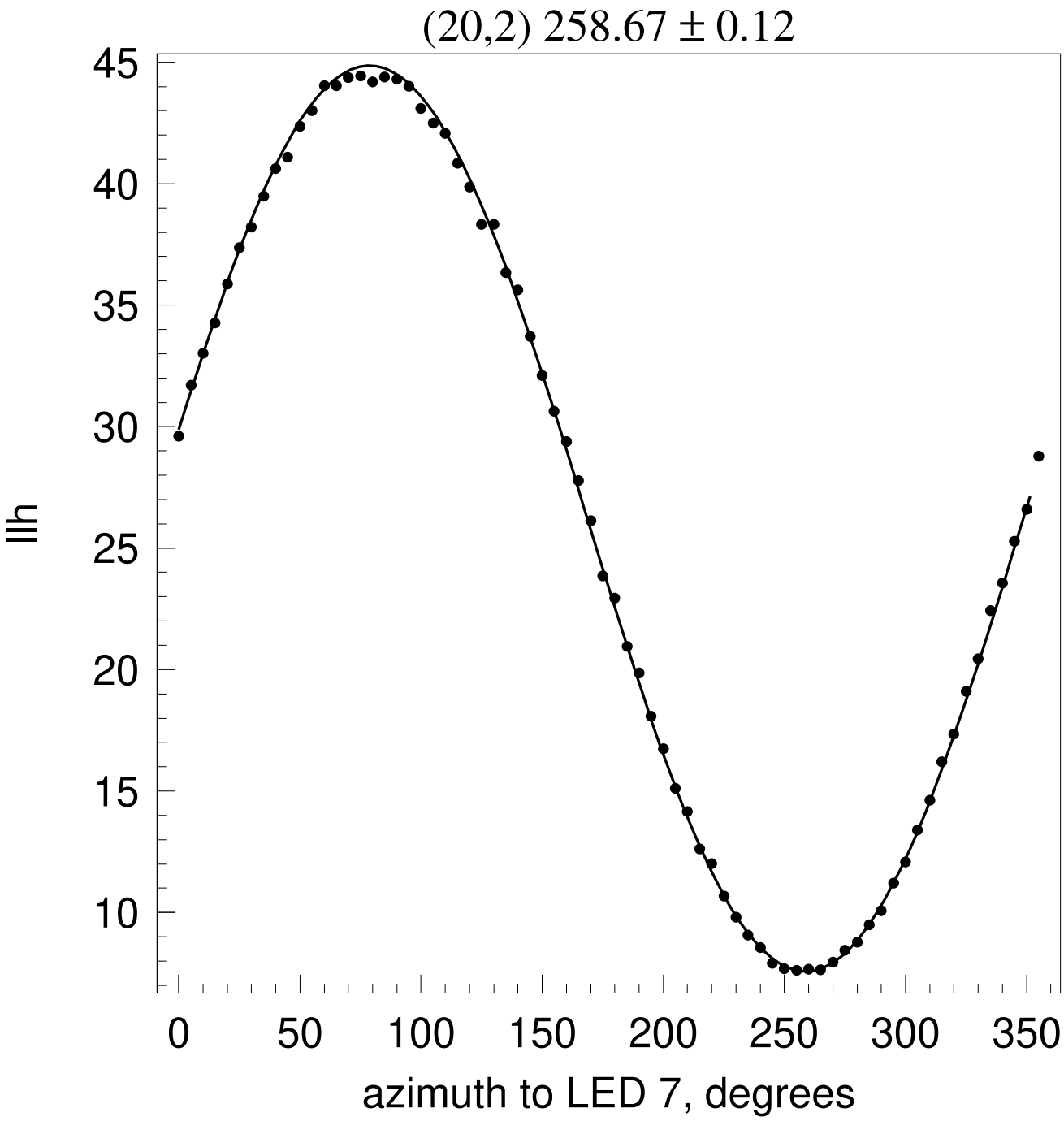

(19,57) 262.62 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

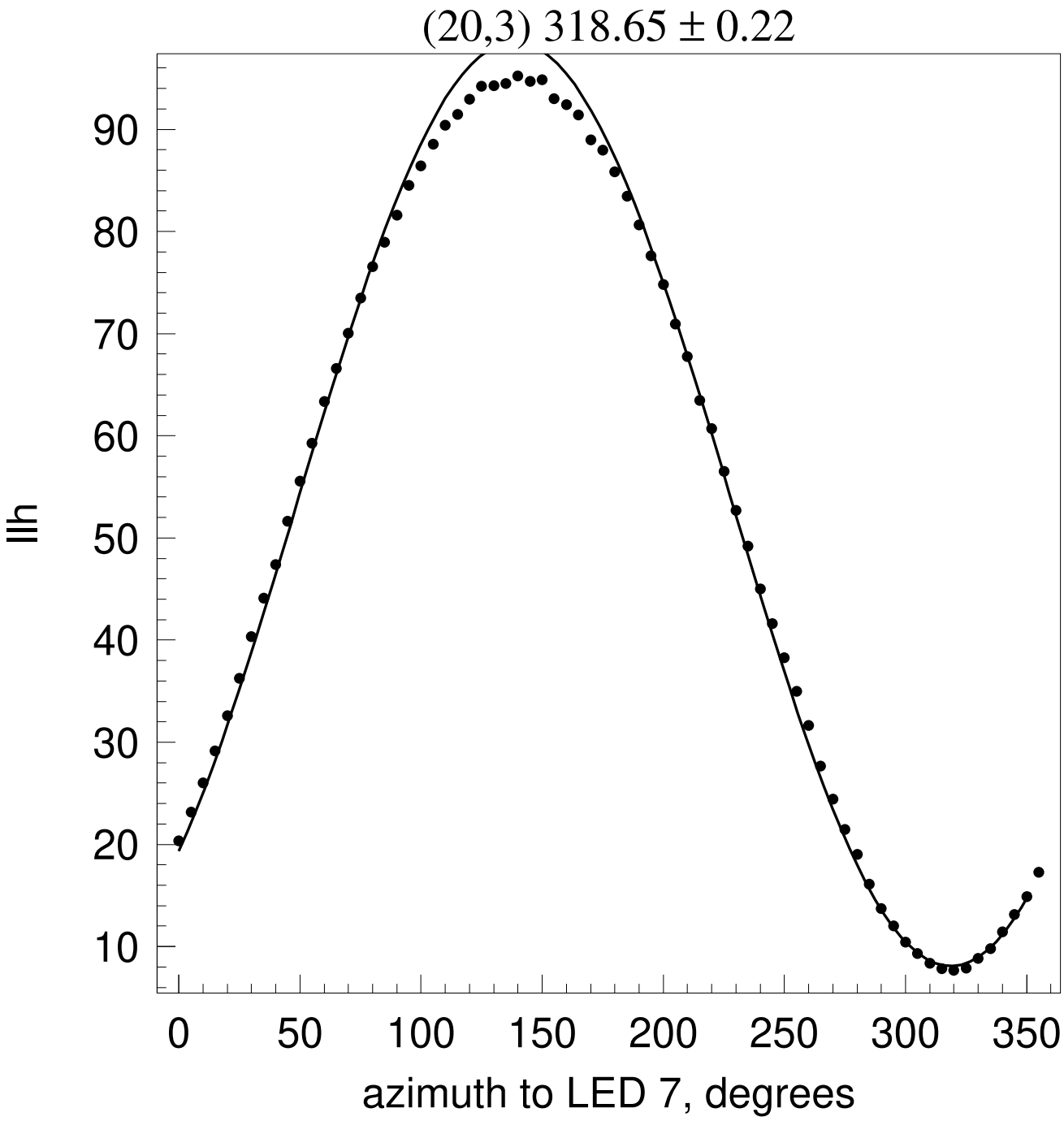

(19,58) 131.80 ± 0.64
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

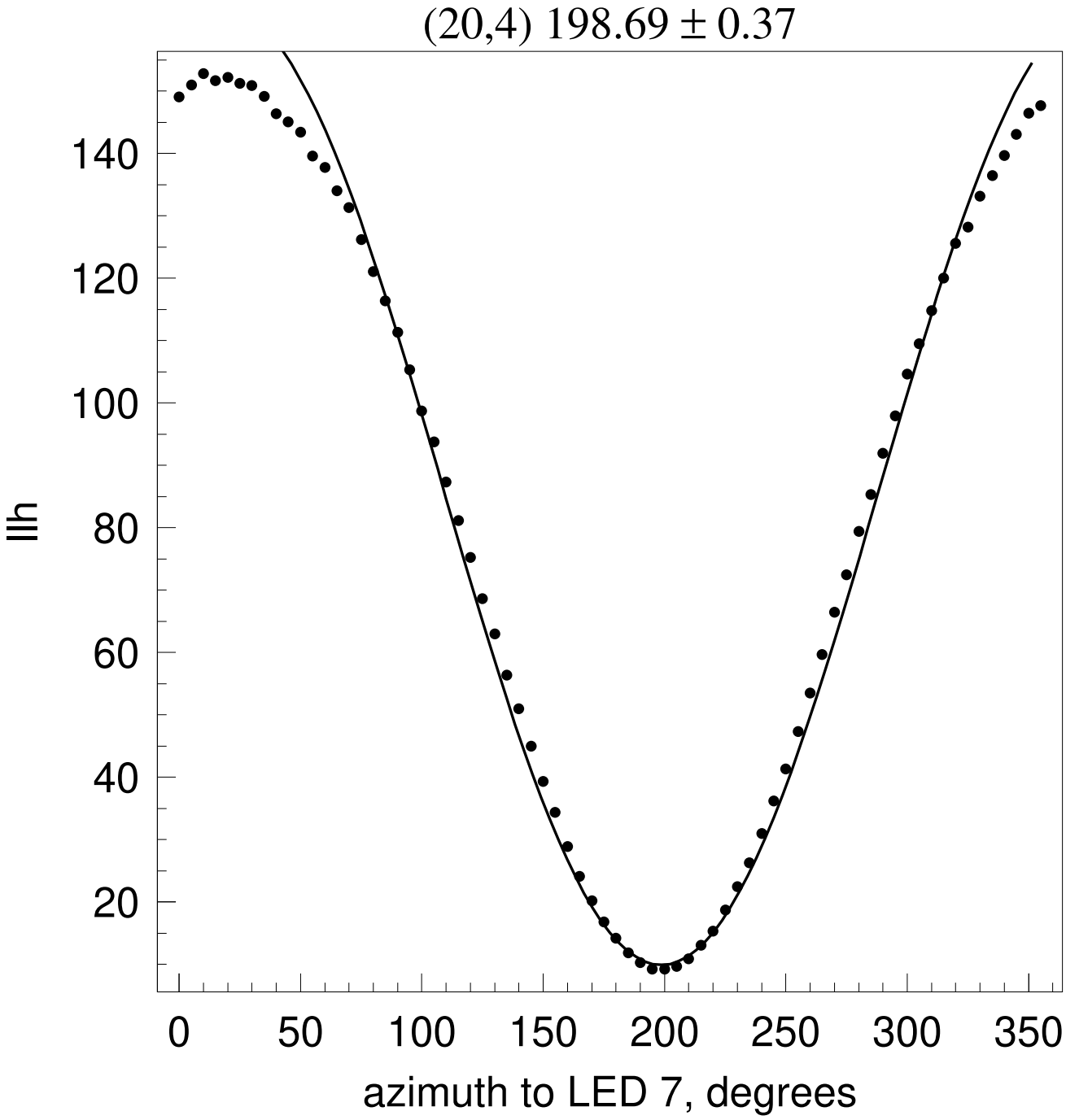

(19,59) 96.06 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

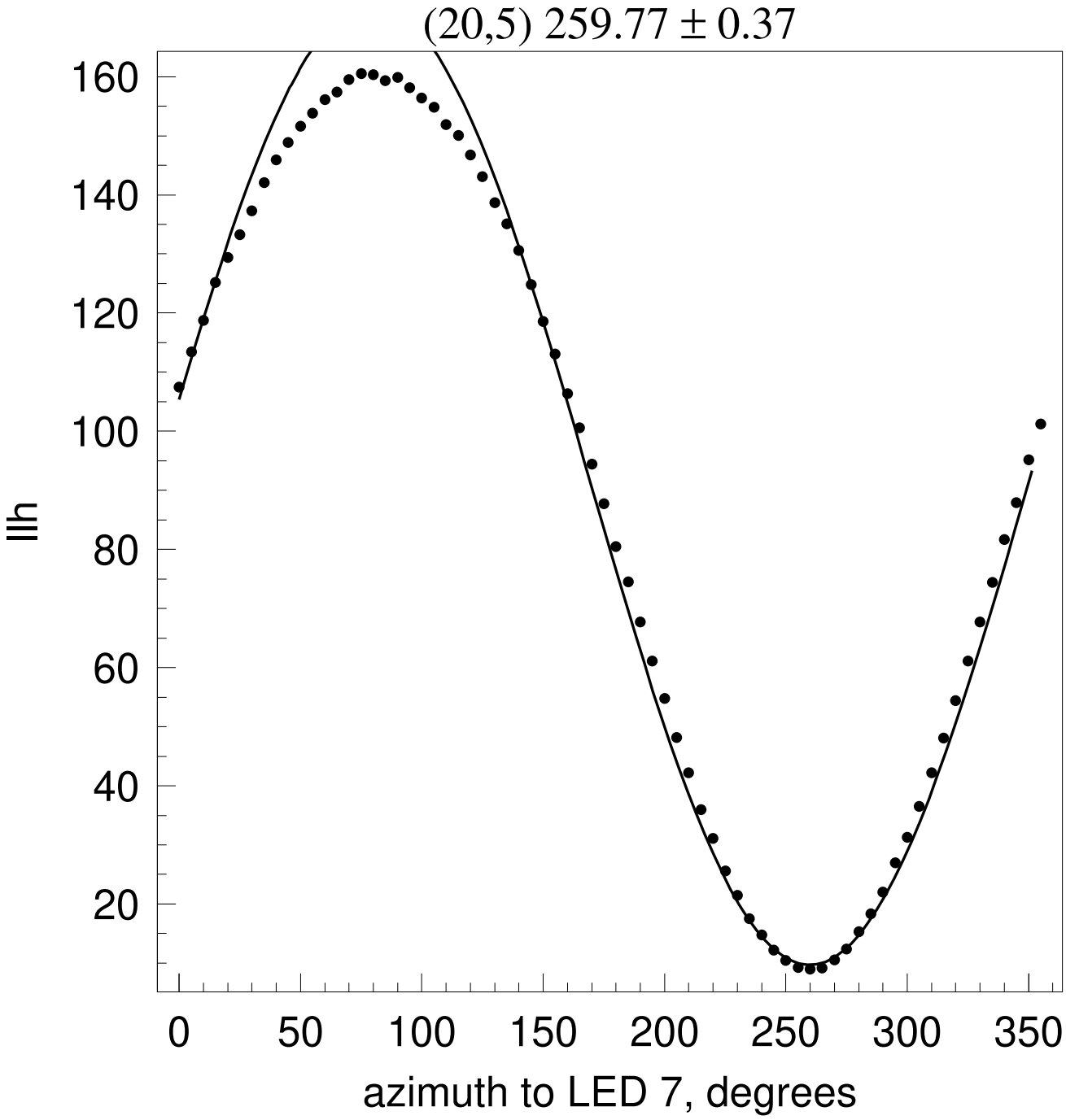

(19,60) 154.69 ± 0.71
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

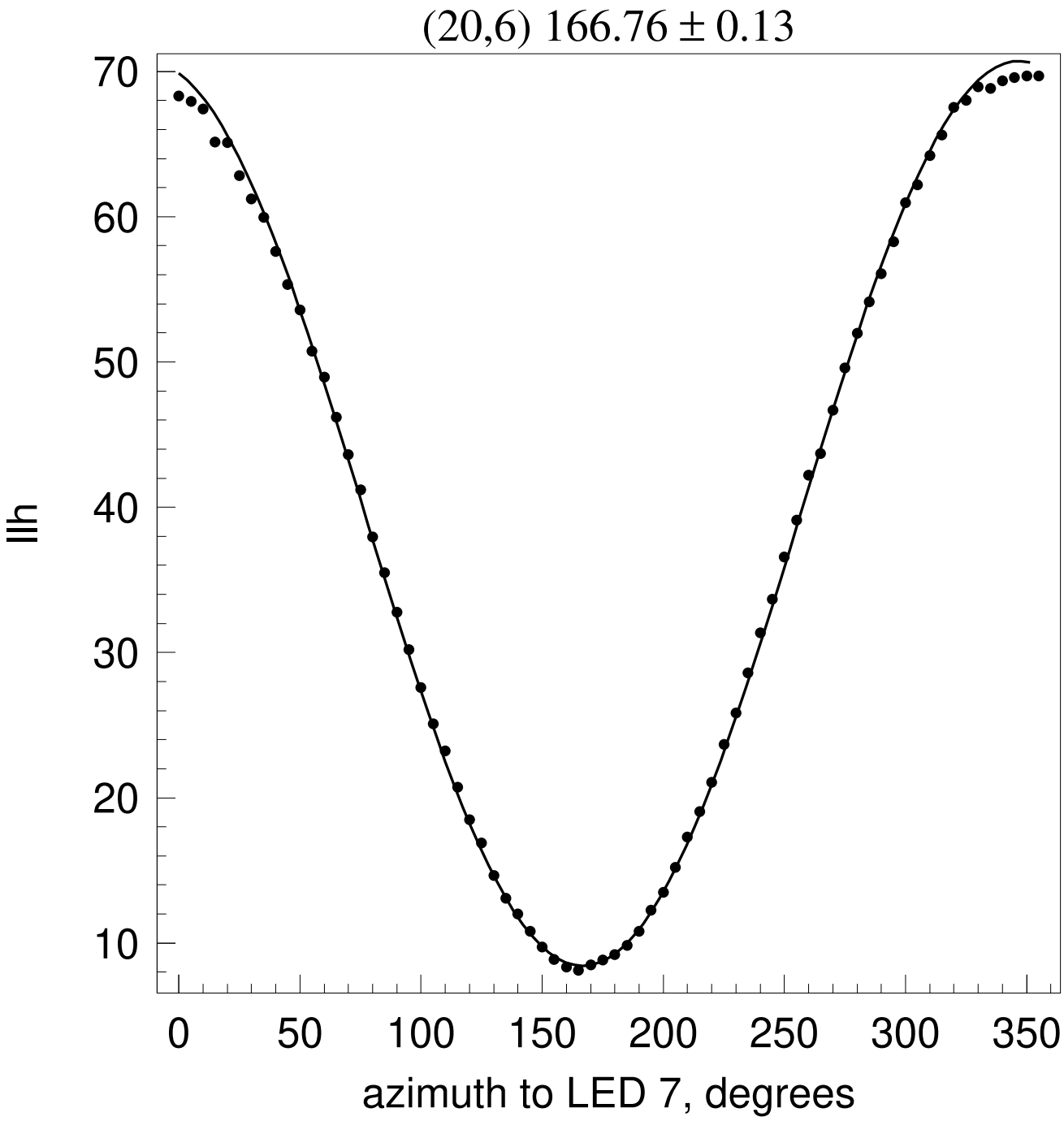

(20,1) 224.94 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

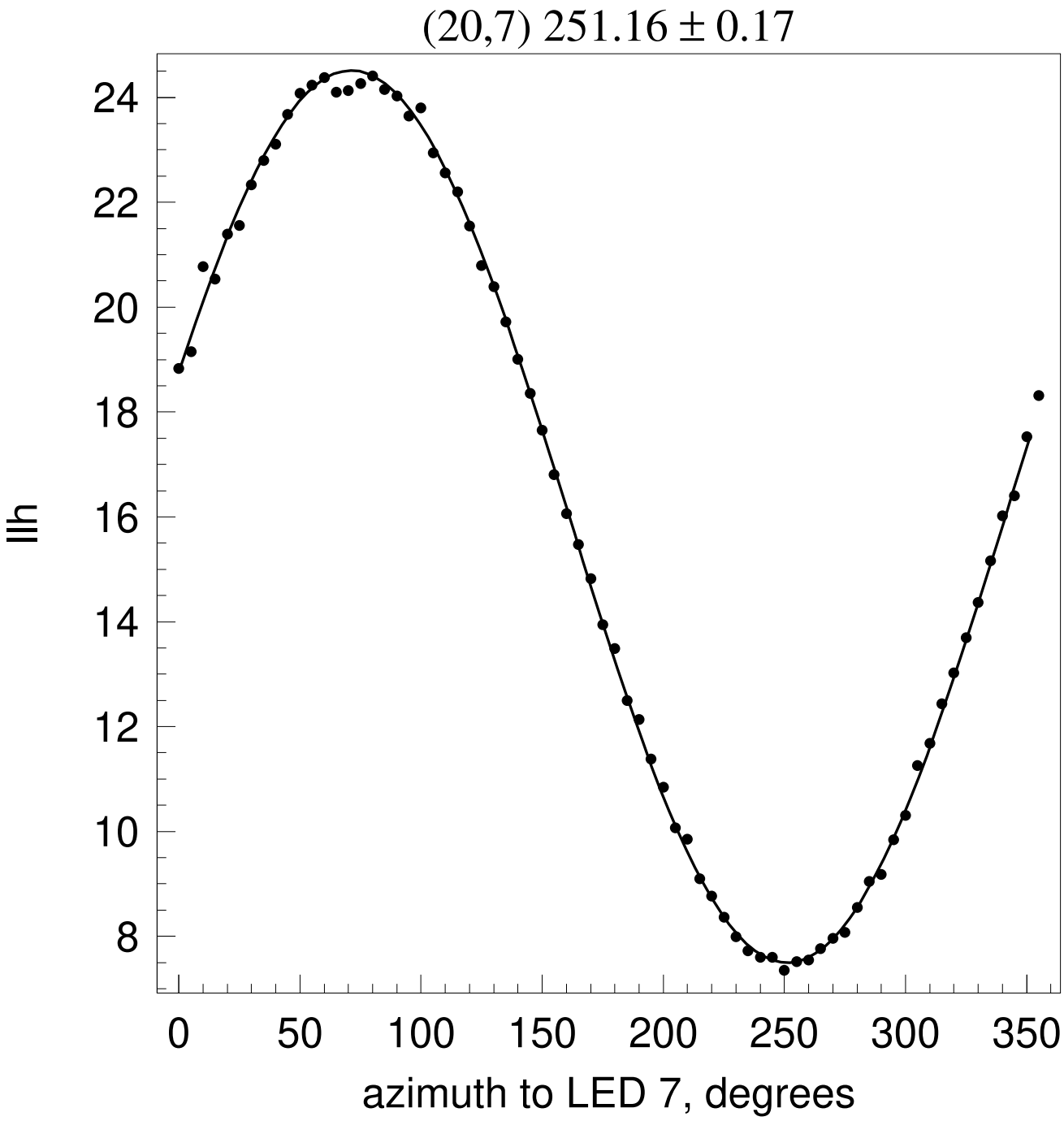

(20,2) 258.67 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

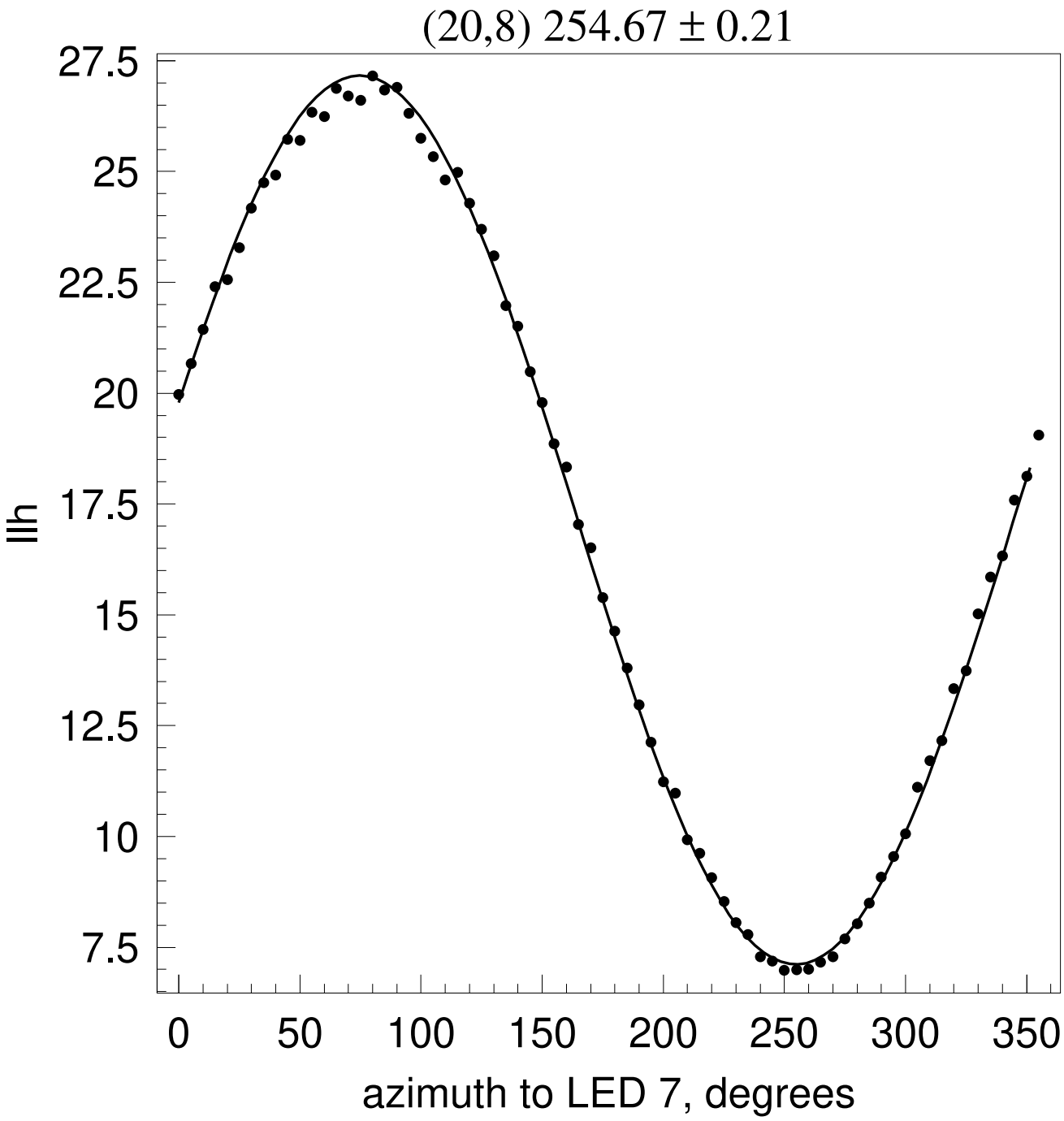

(20,3) 318.65 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

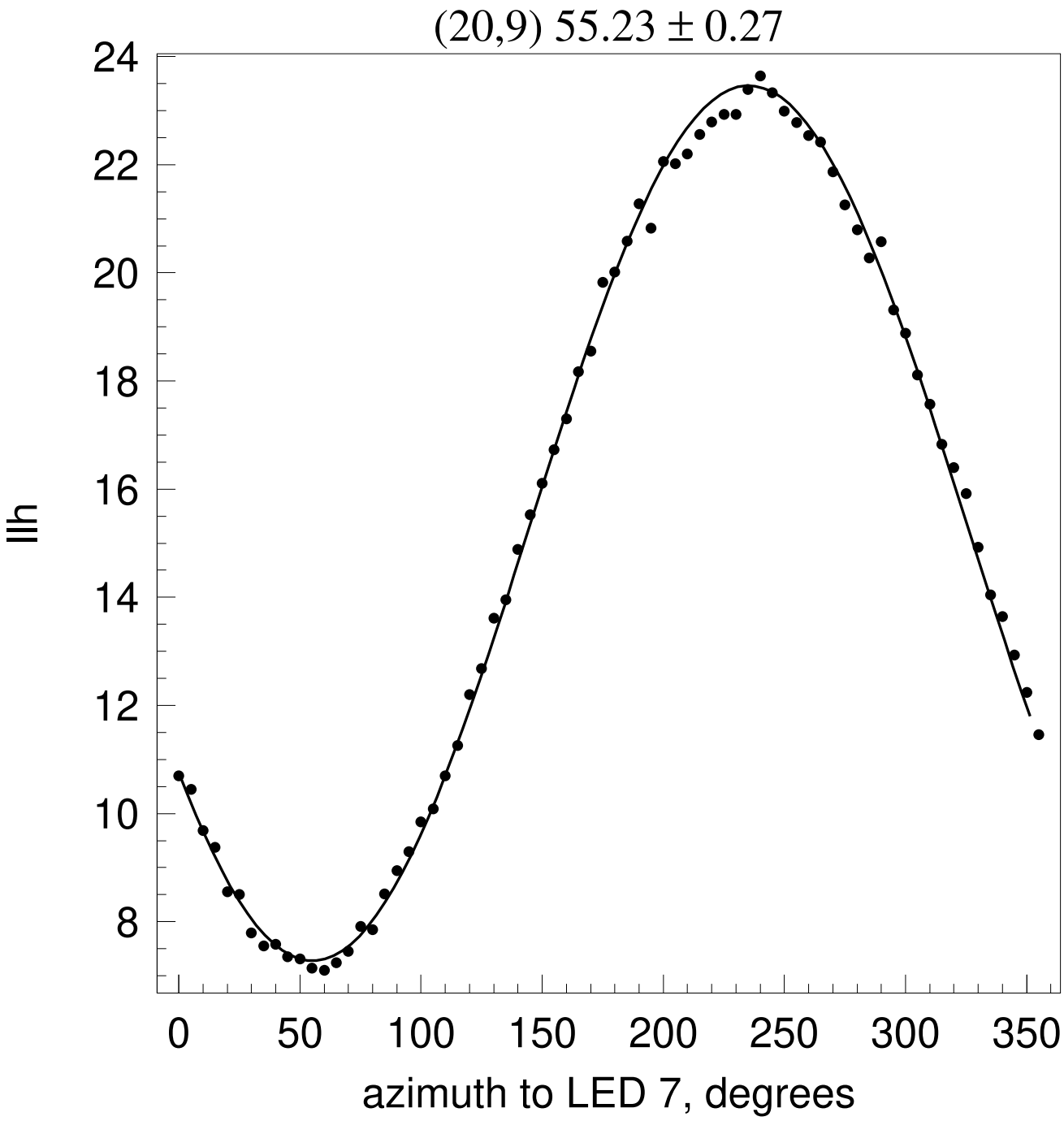

(20,4) 198.69 ± 0.37
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

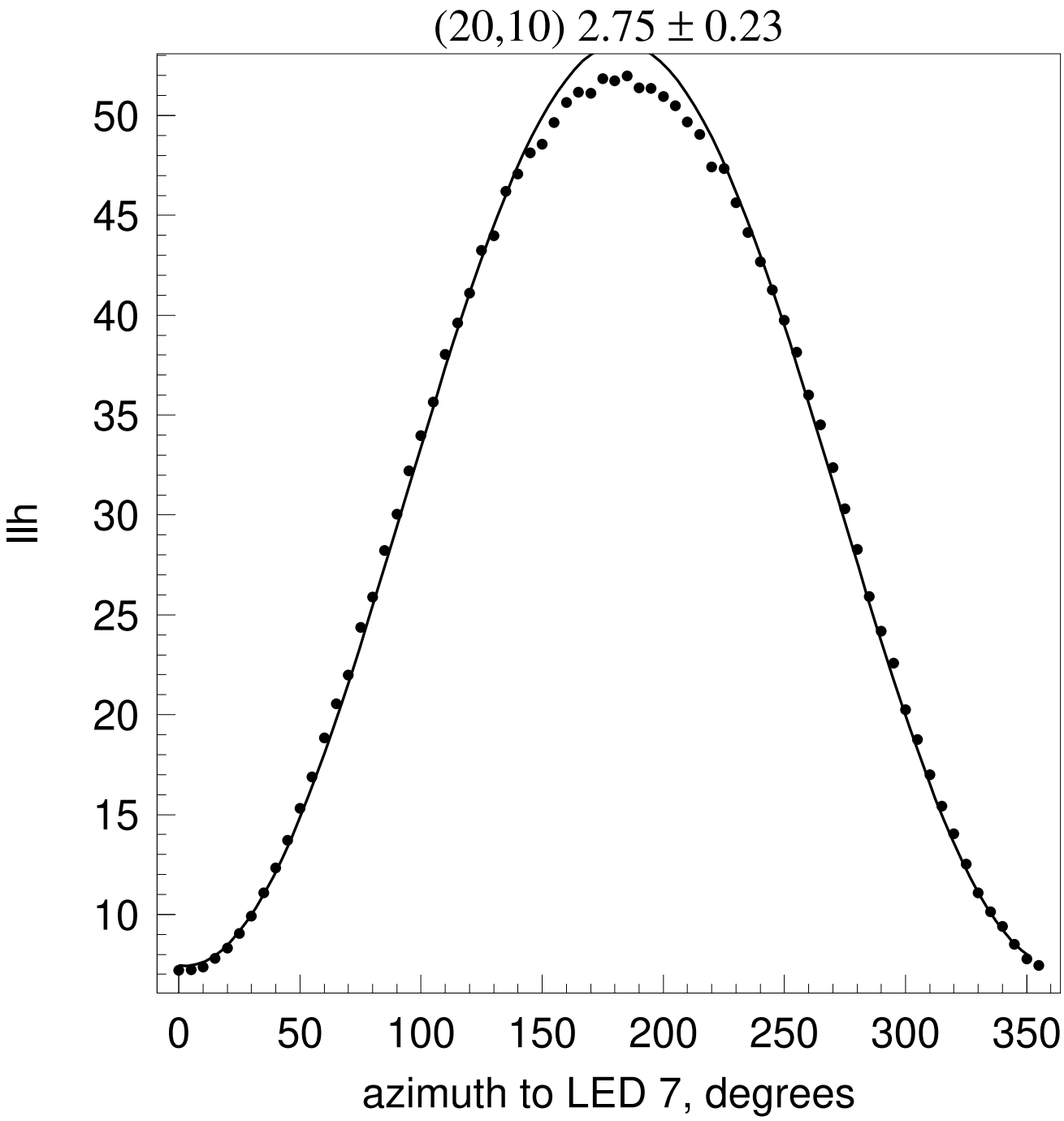

(20,5) 259.77 ± 0.37
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

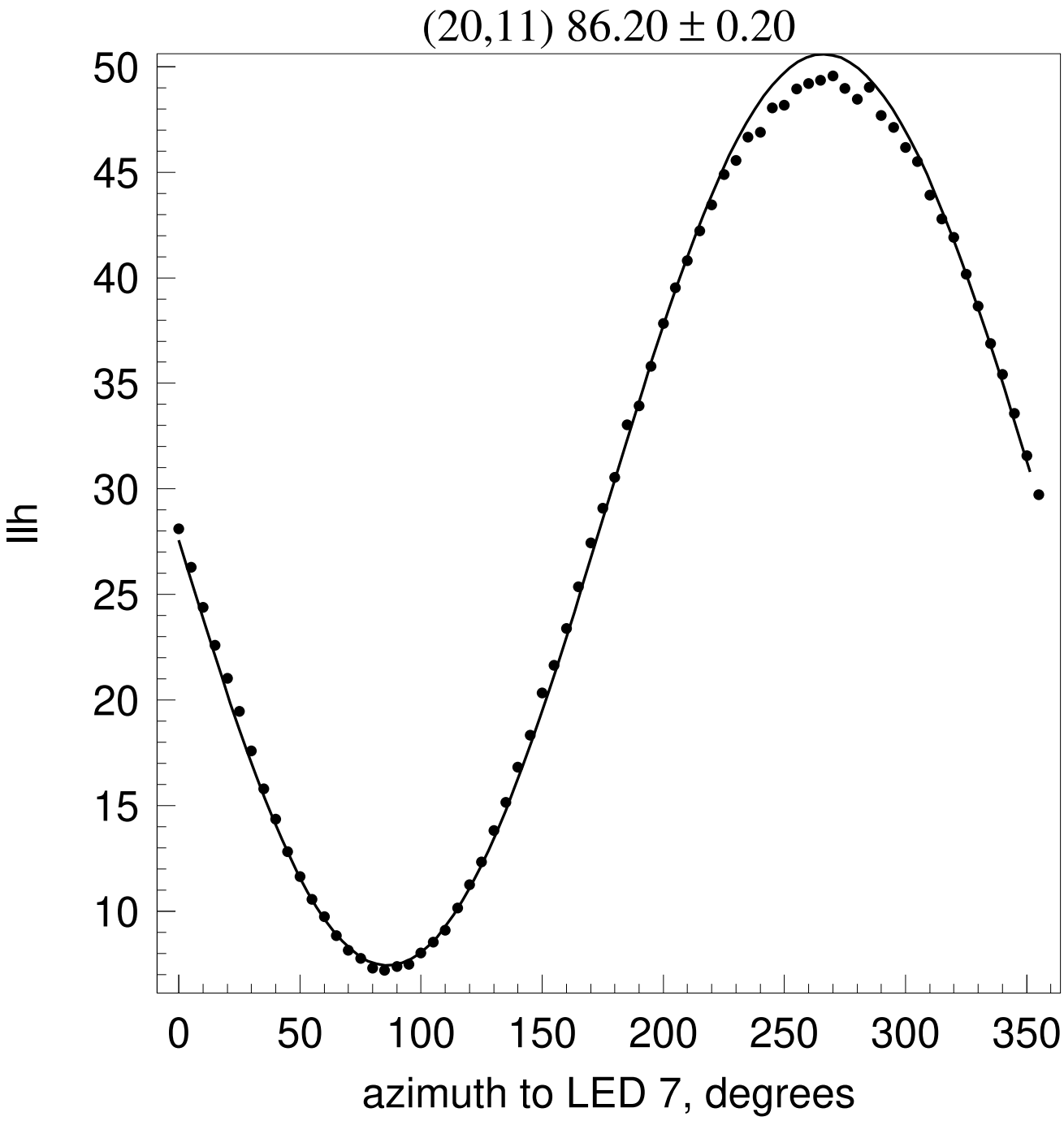

(20,6) 166.76 ± 0.13
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

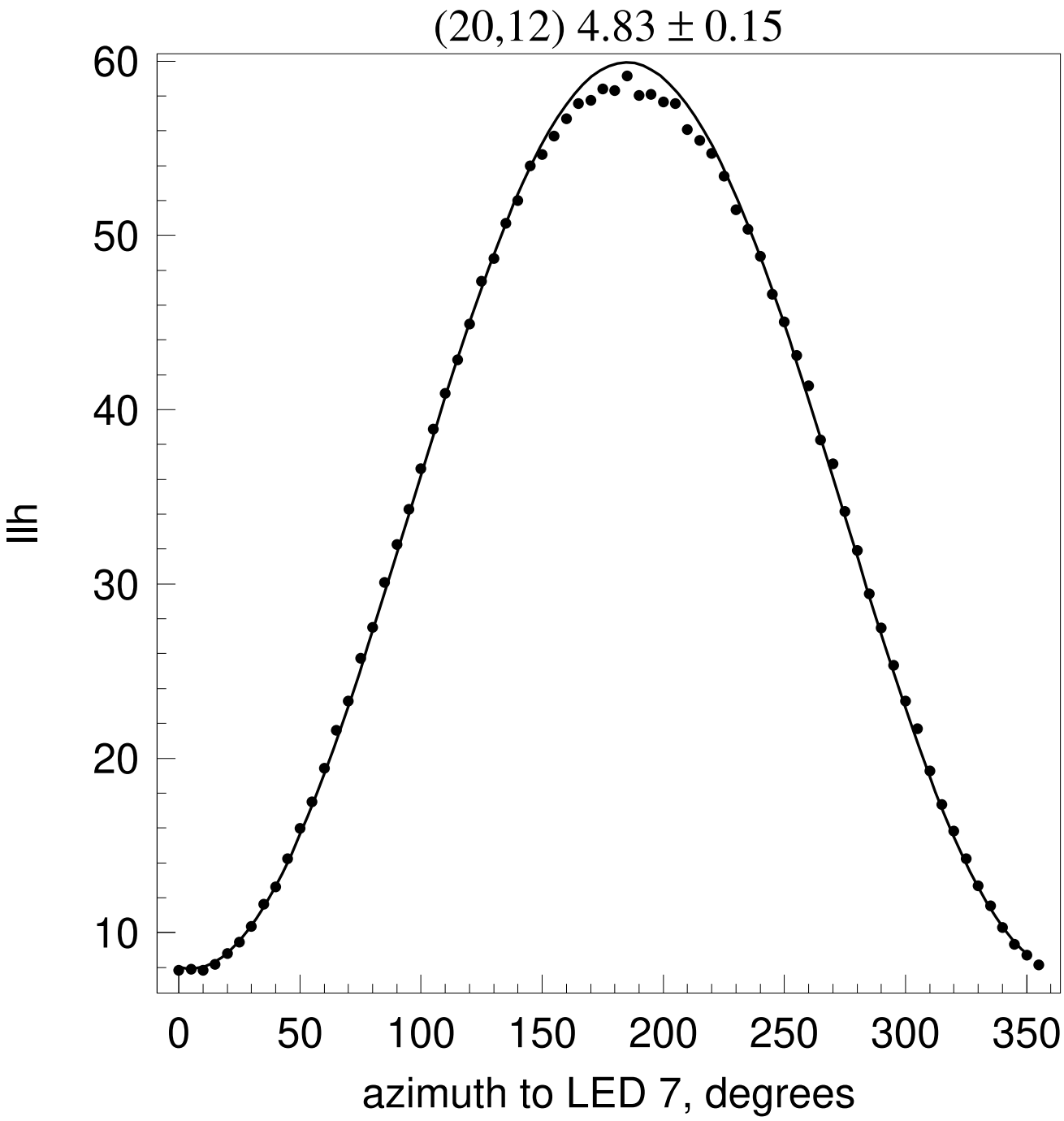

(20,7) 251.16 ± 0.17
24
22
20
18
16
14
12
10
8
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

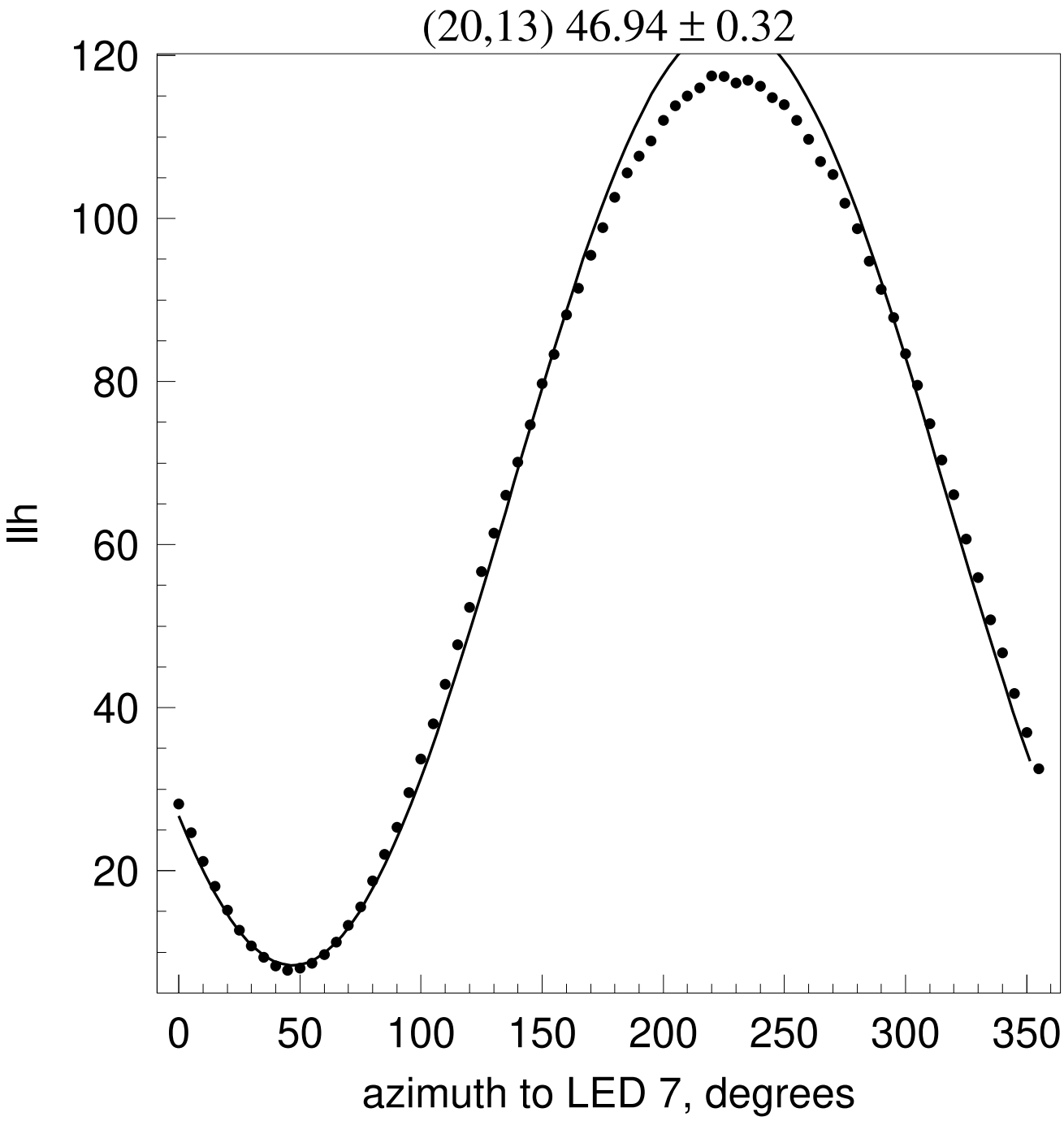

(20,8) 254.67 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

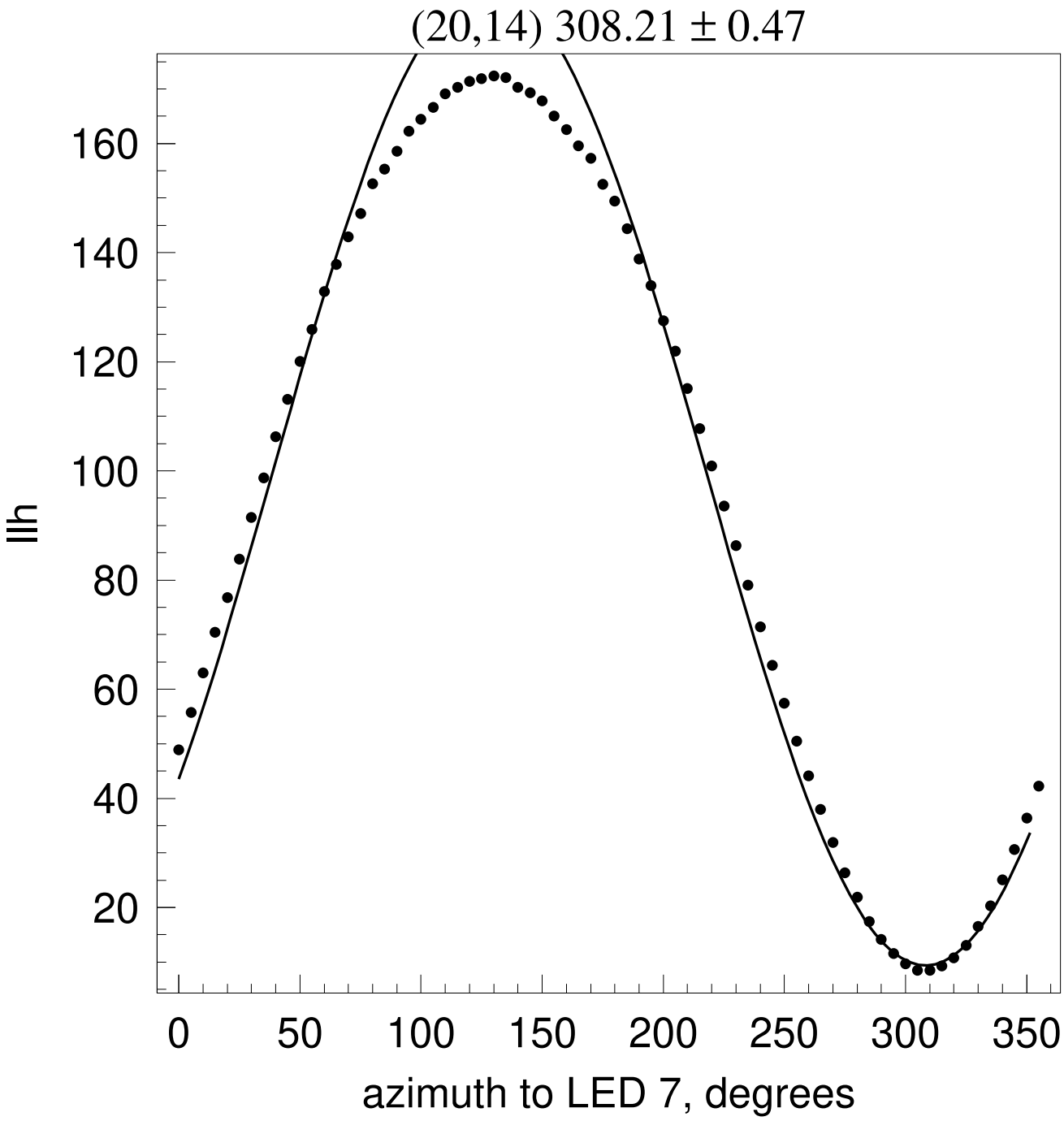

(20,9) 55.23 ± 0.27
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

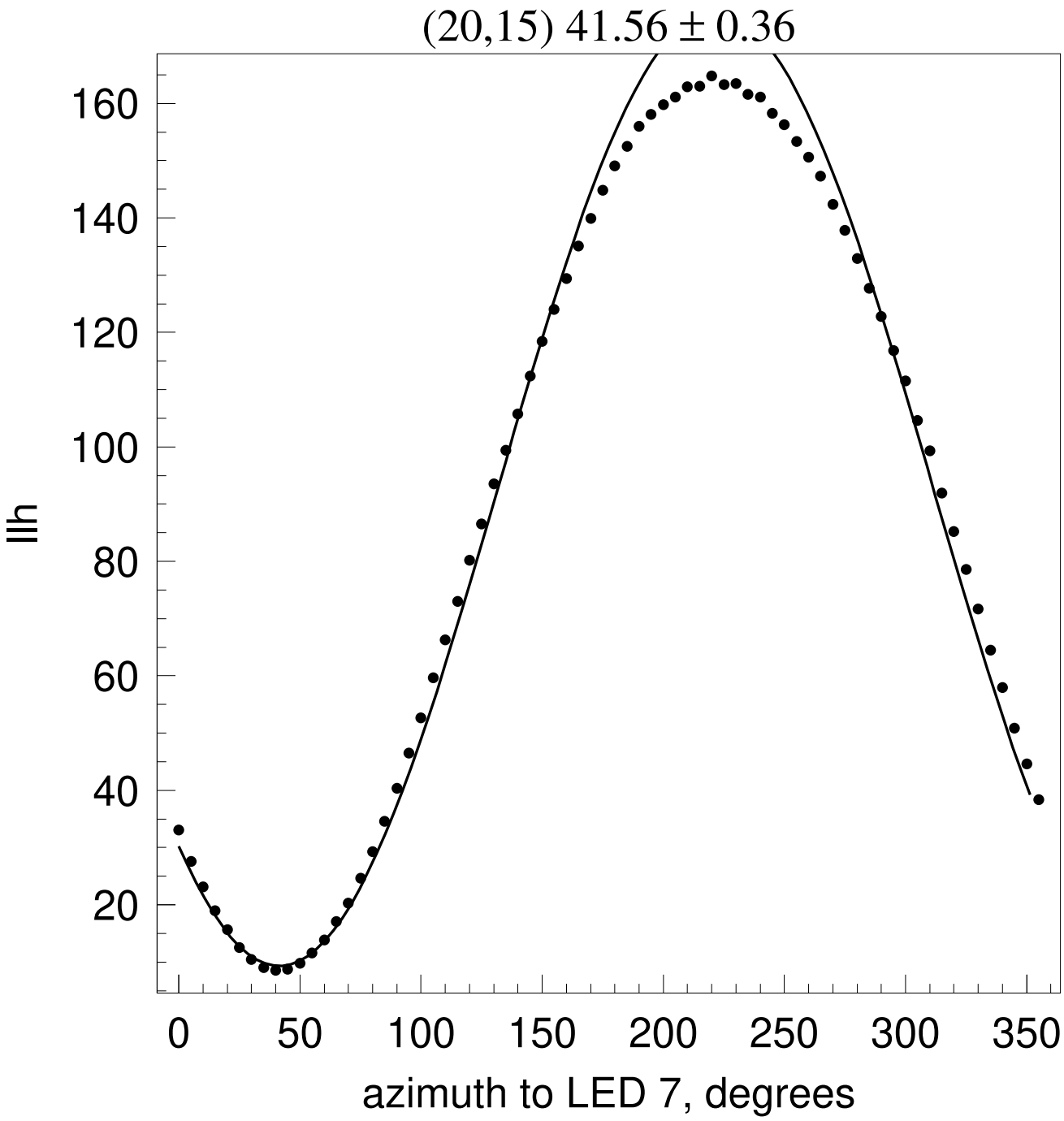

(20,10) 2.75 ± 0.23
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

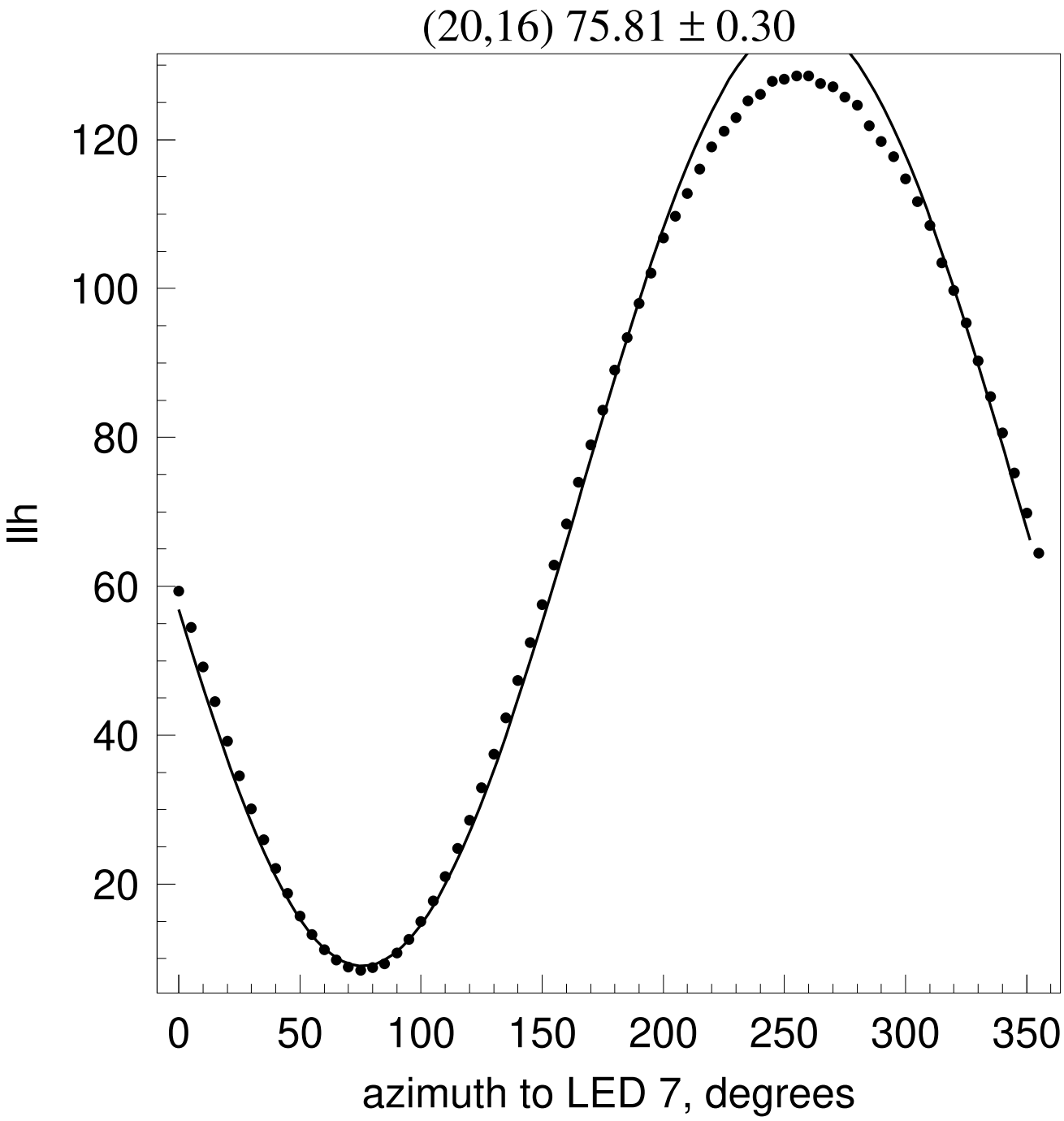

(20,11) 86.20 ± 0.20
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

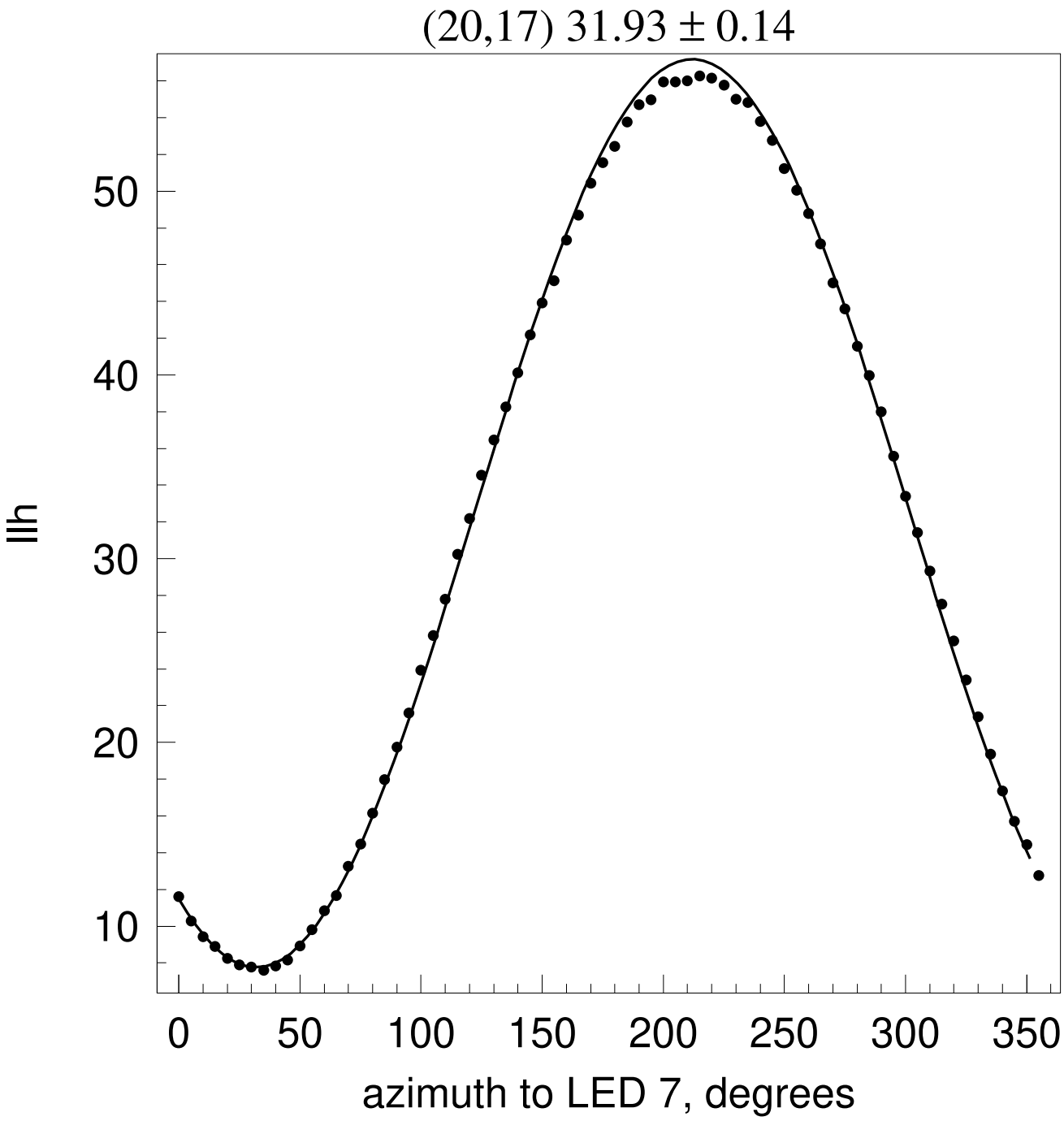

(20,12) 4.83 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

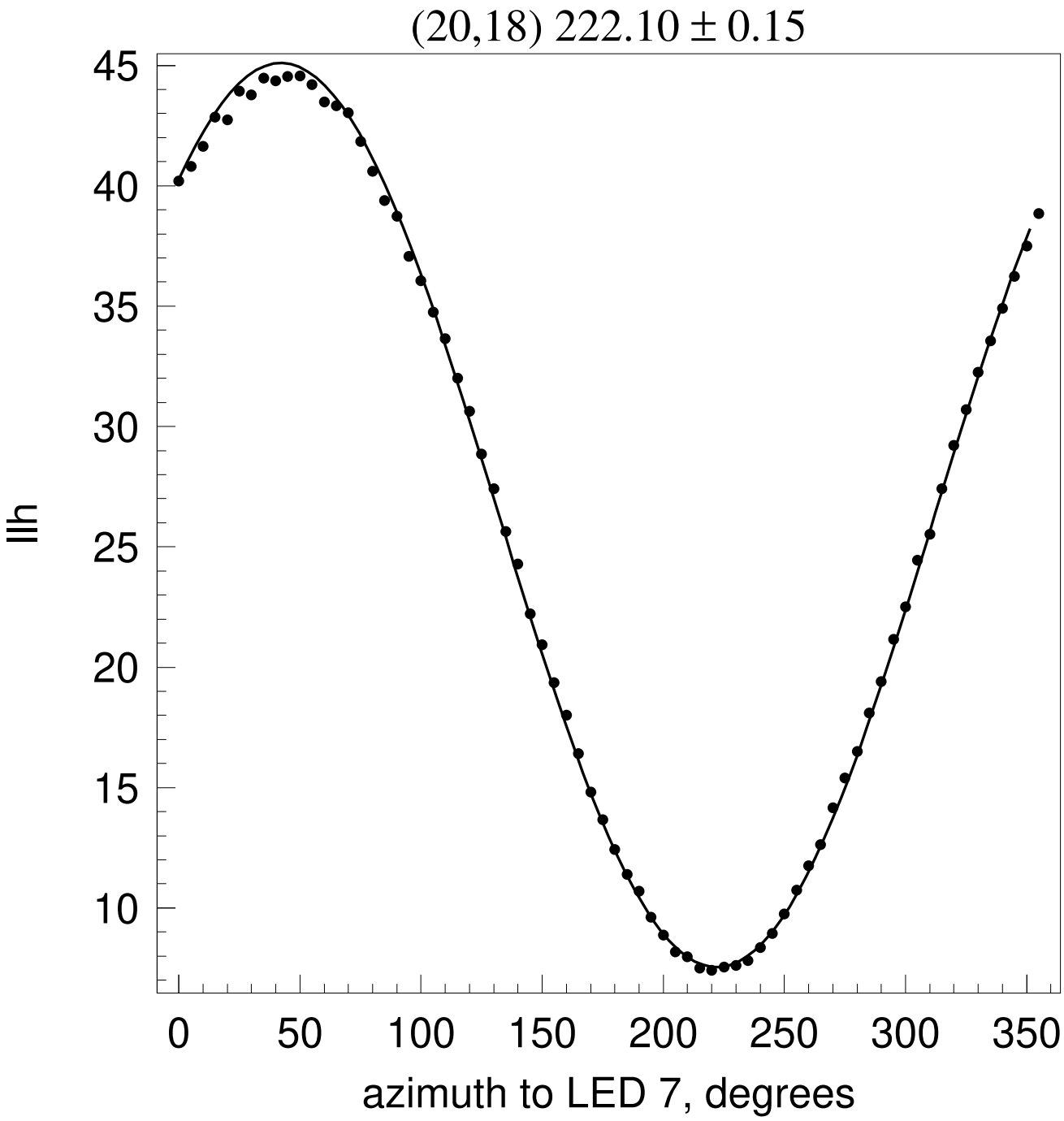

(20,13) 46.94 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

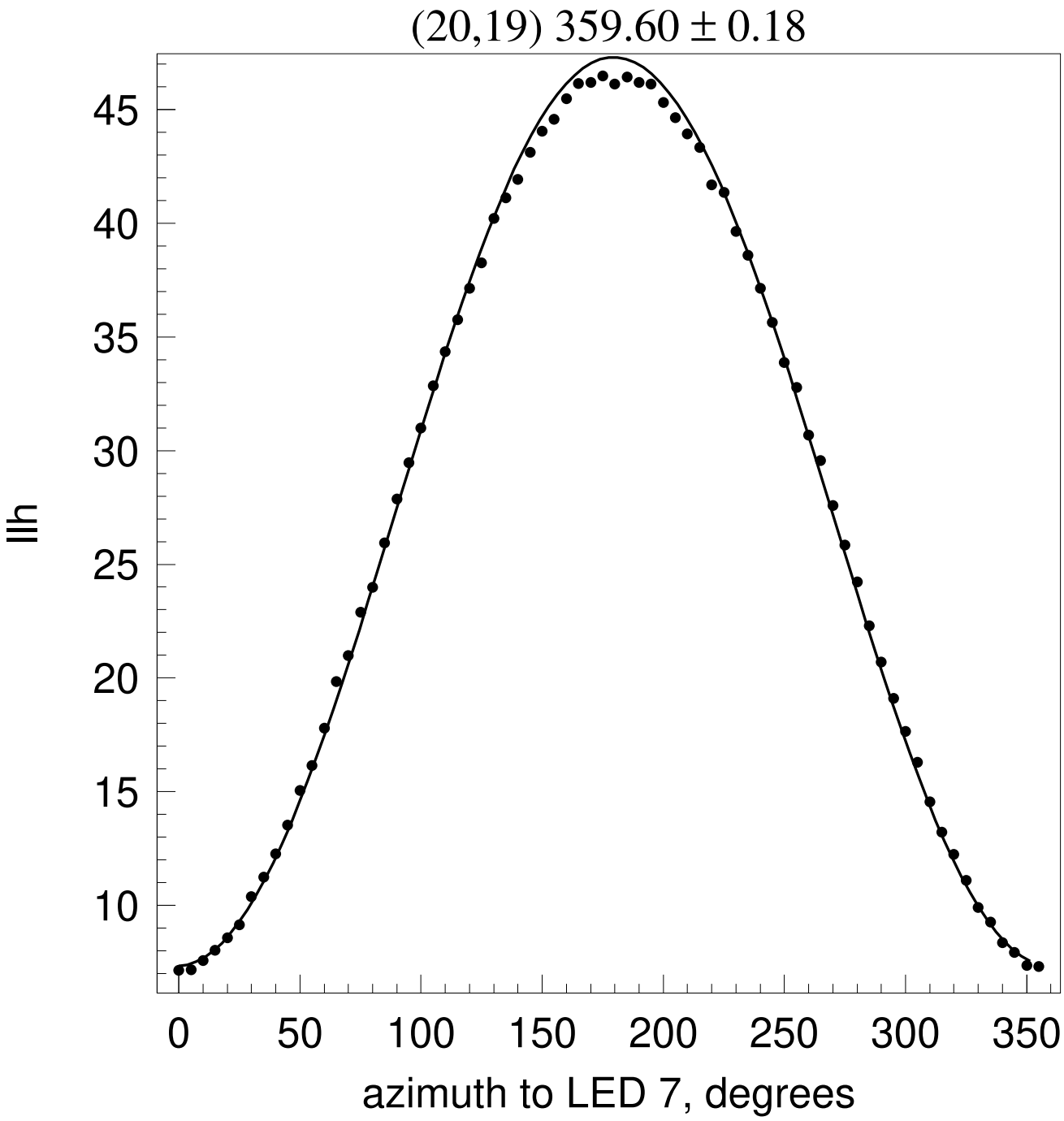

(20,14) 308.21 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

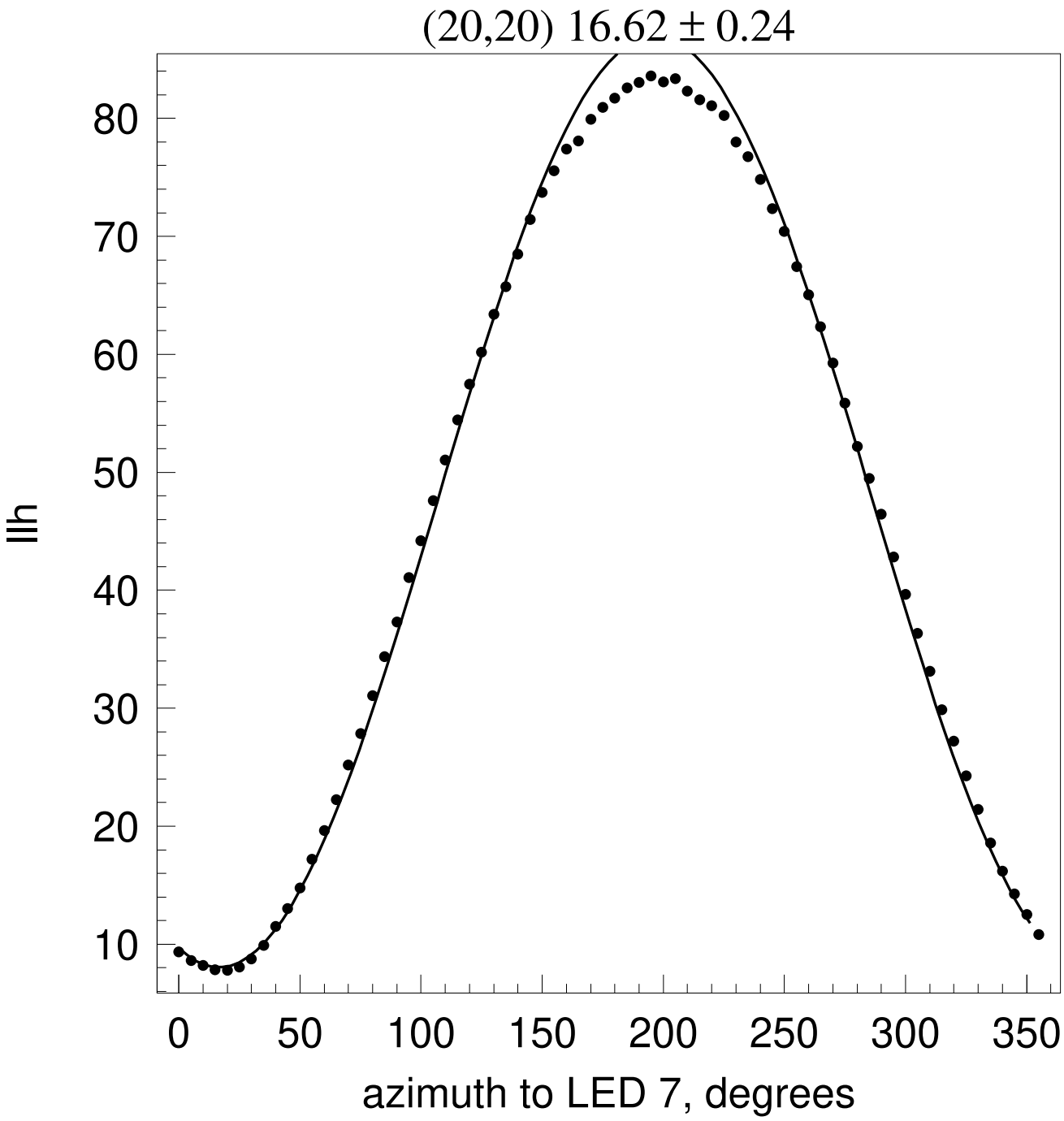

(20,15) 41.56 ± 0.36
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

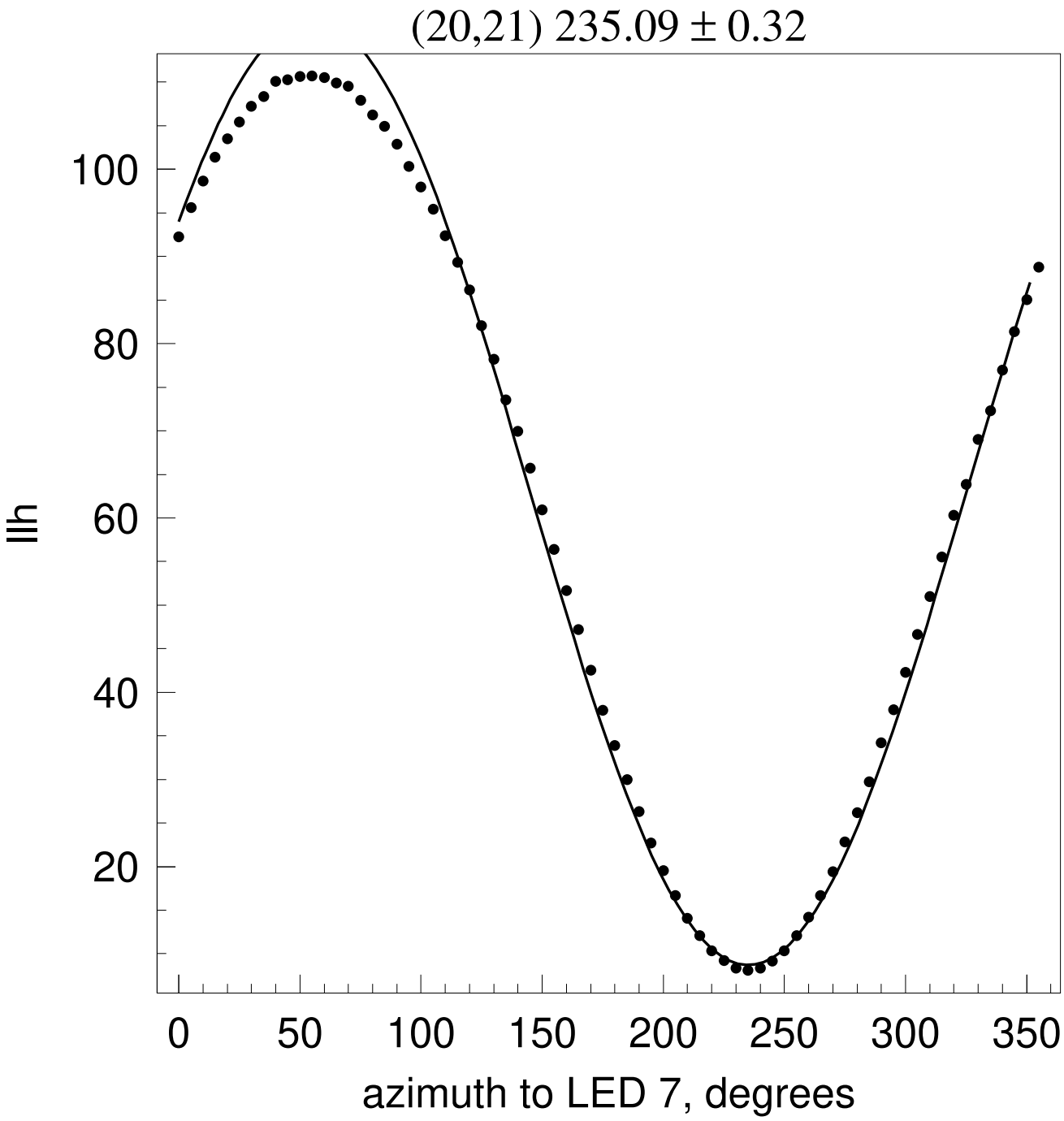

(20,16) 75.81 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

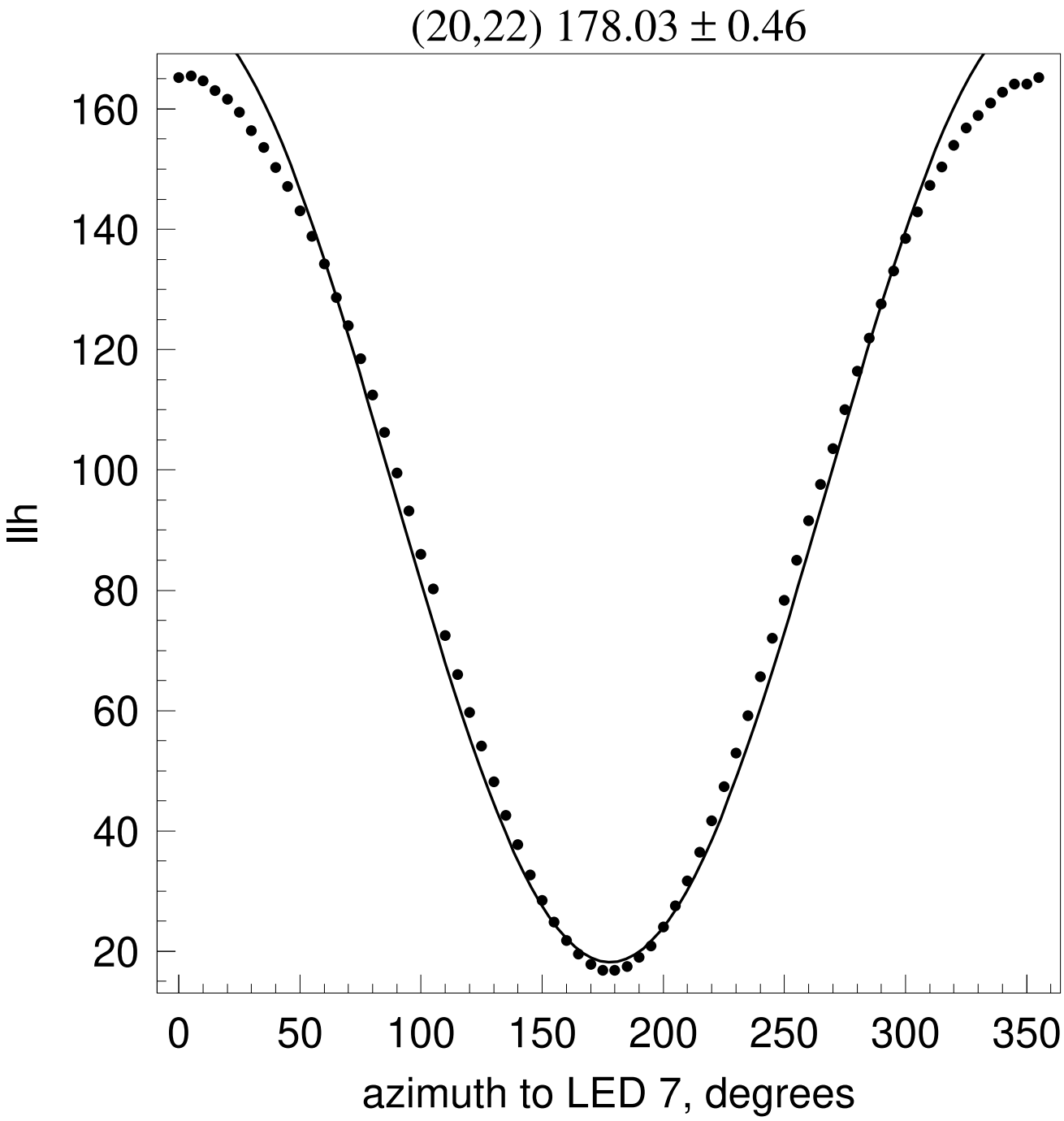

(20,17) 31.93 ± 0.14
llh
10
20
30
40
50
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

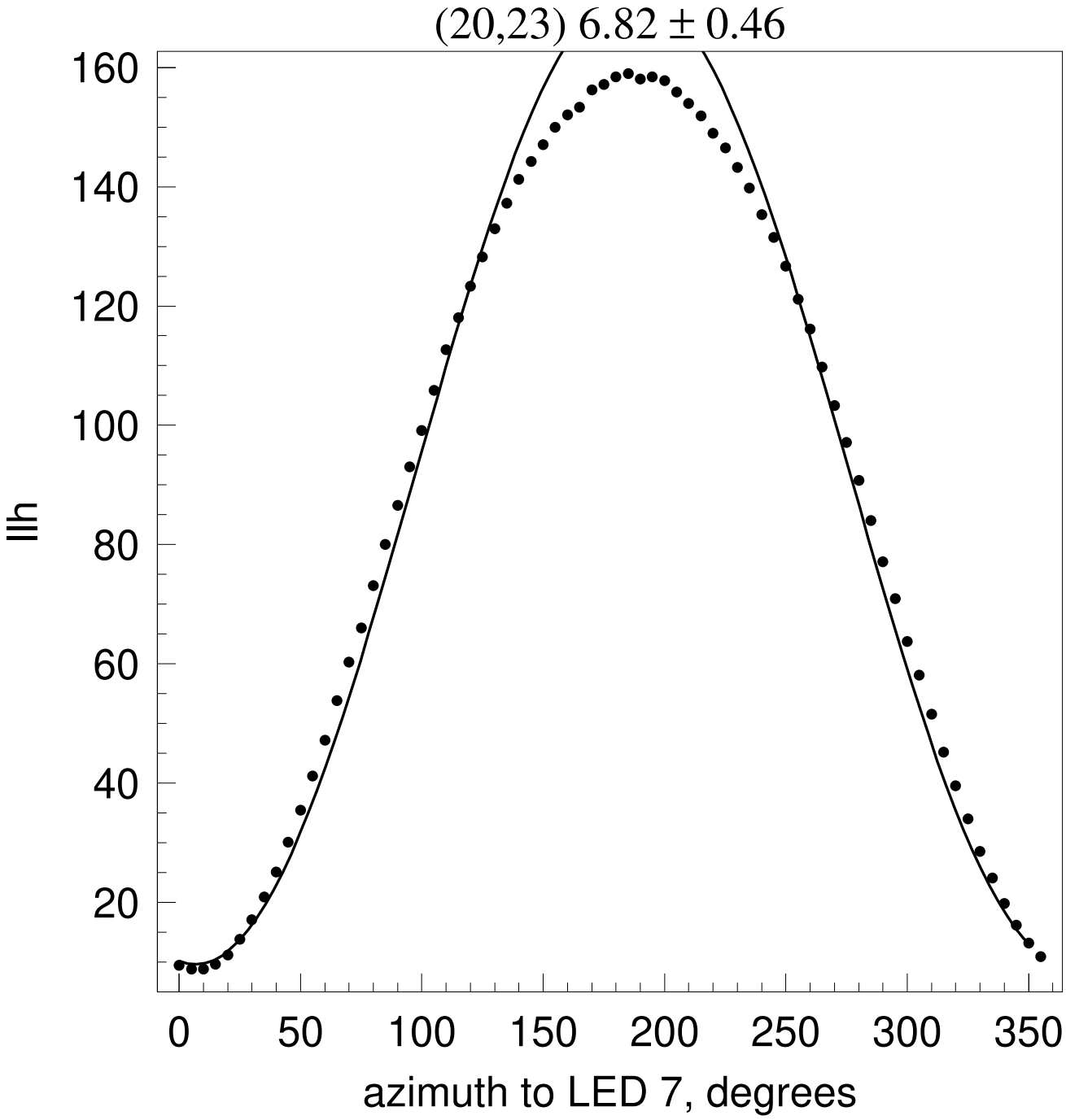

(20,18) 222.10 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

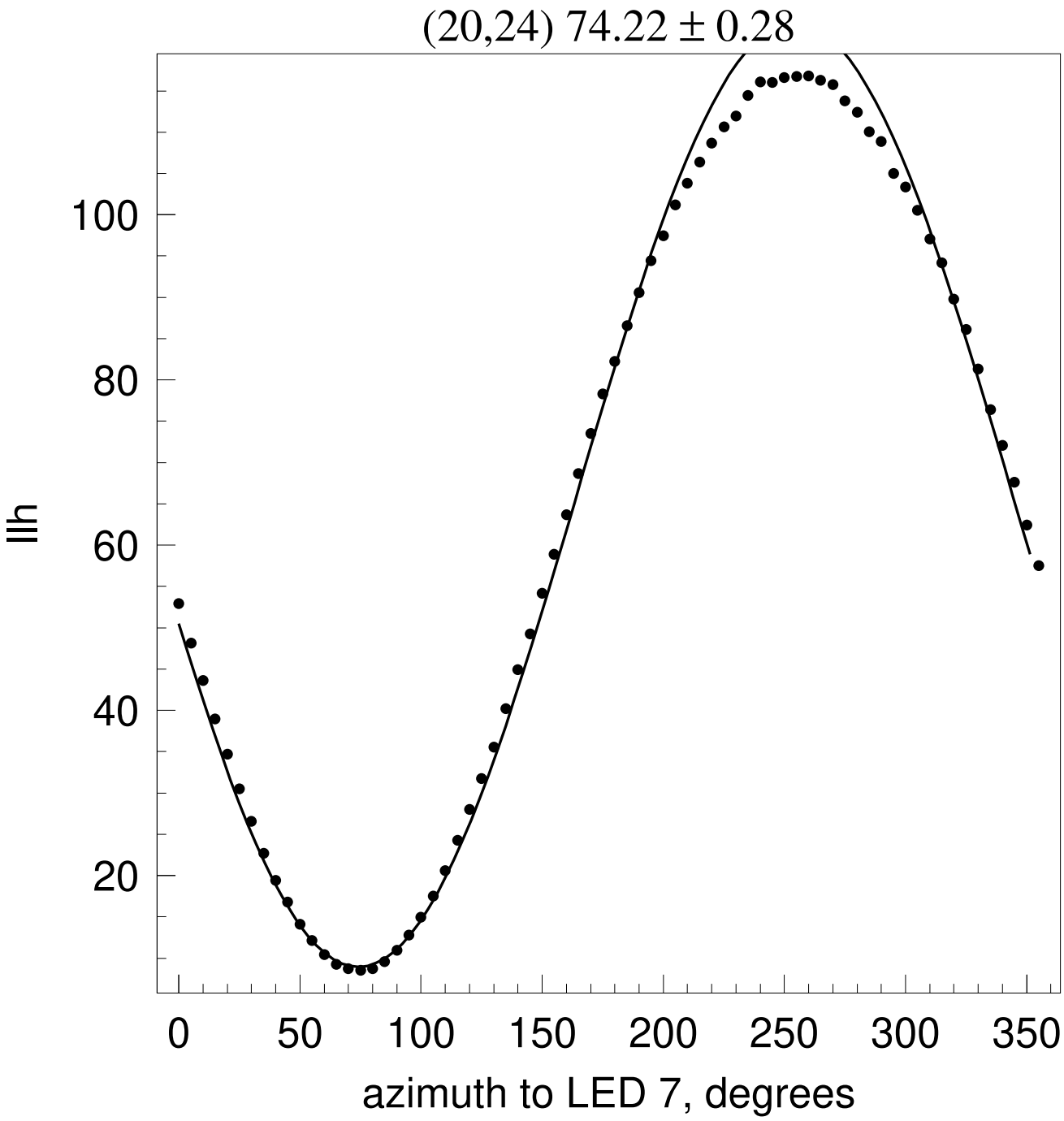

(20,19) 359.60 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

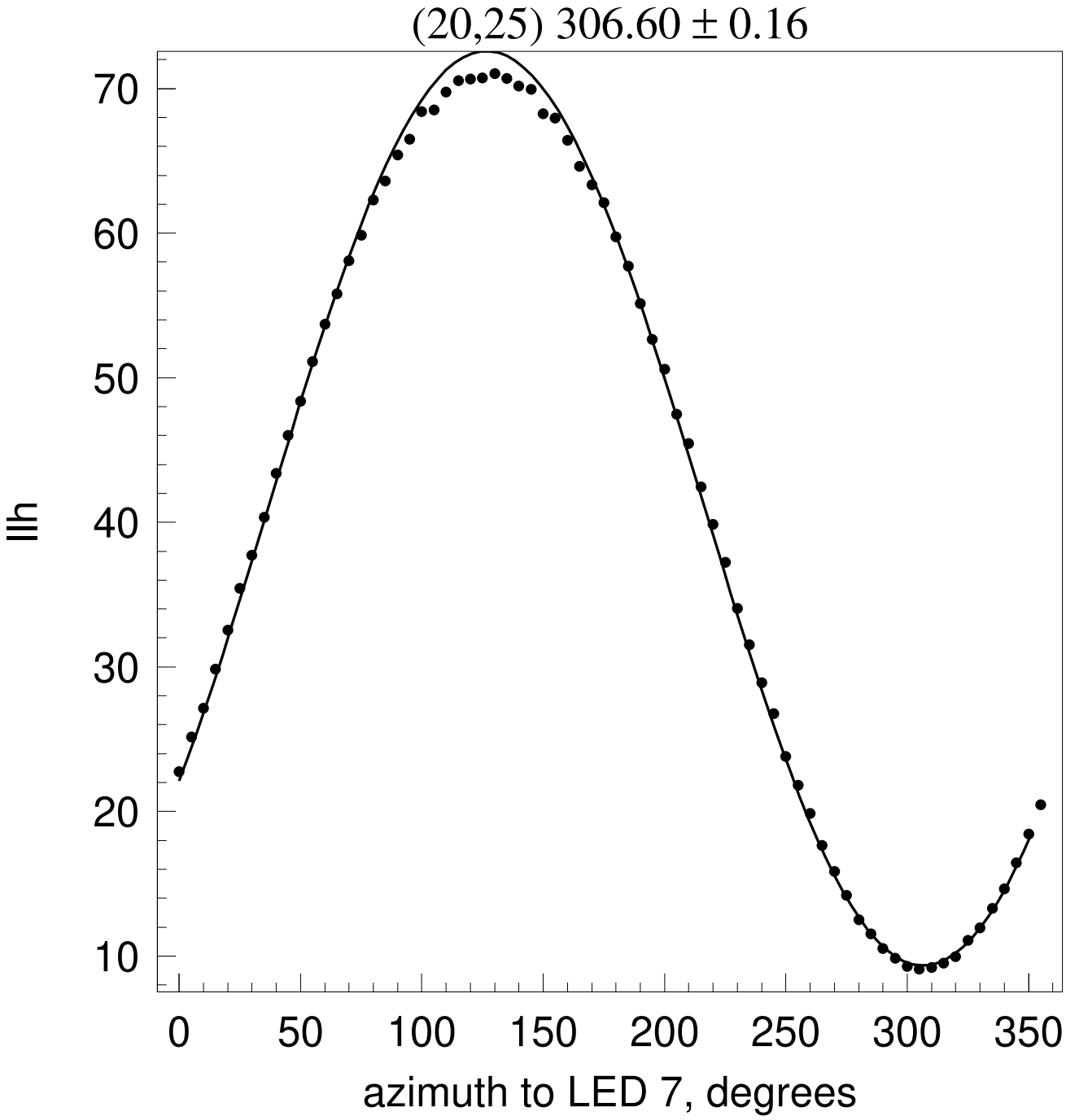

(20,20) 16.62 ± 0.24
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

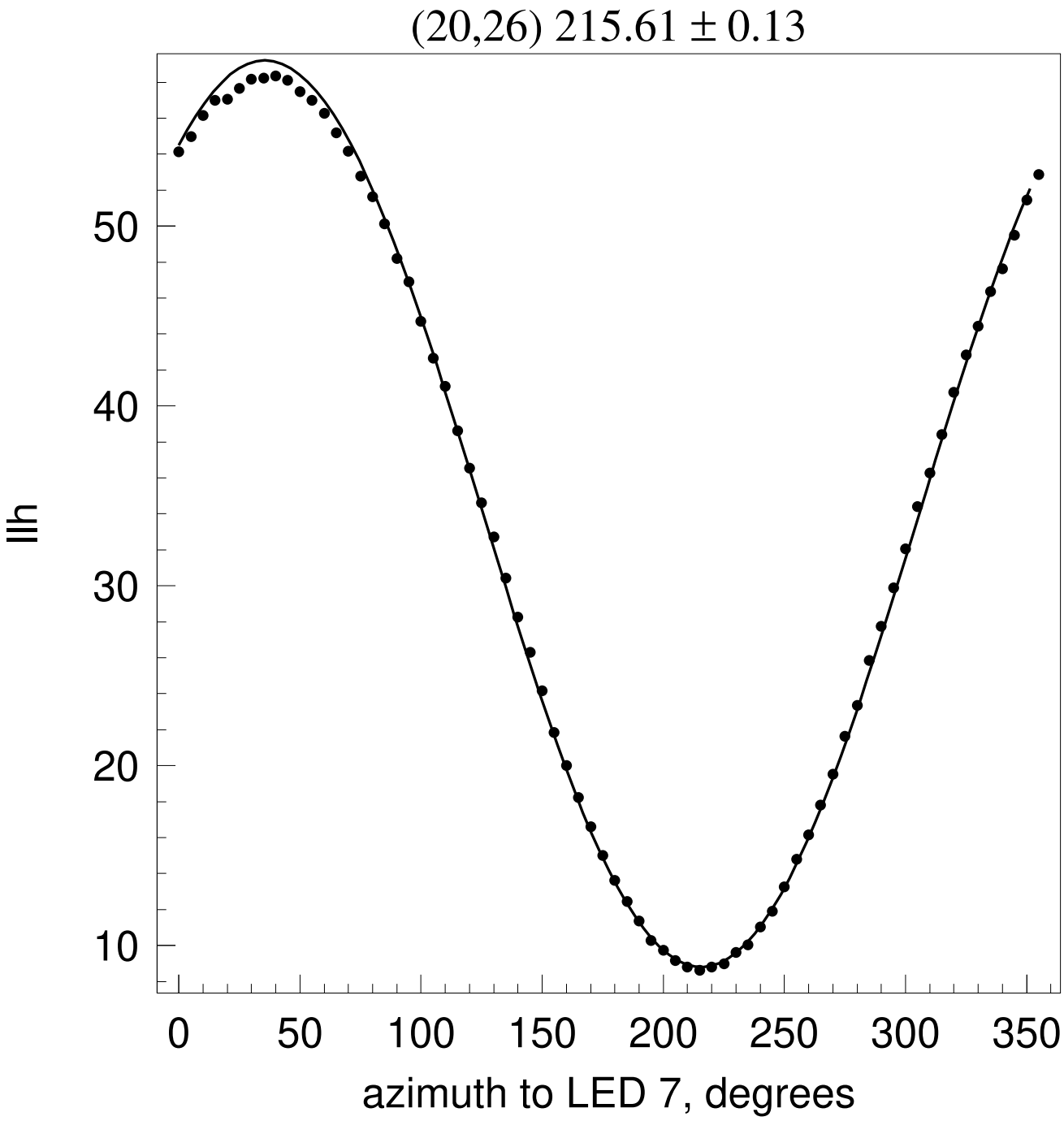

(20,21) 235.09 ± 0.32
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

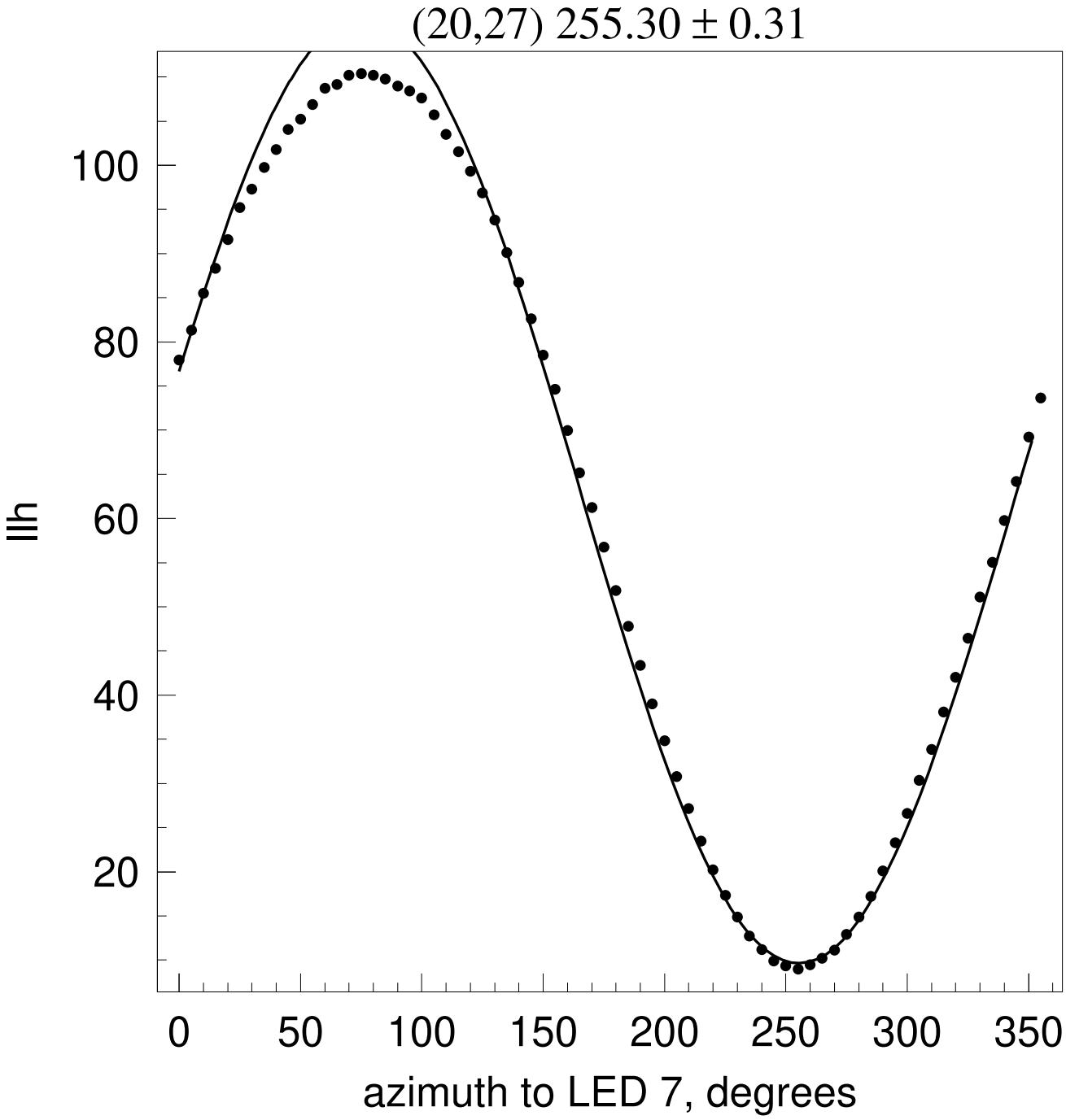

(20,22) 178.03 ± 0.46
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

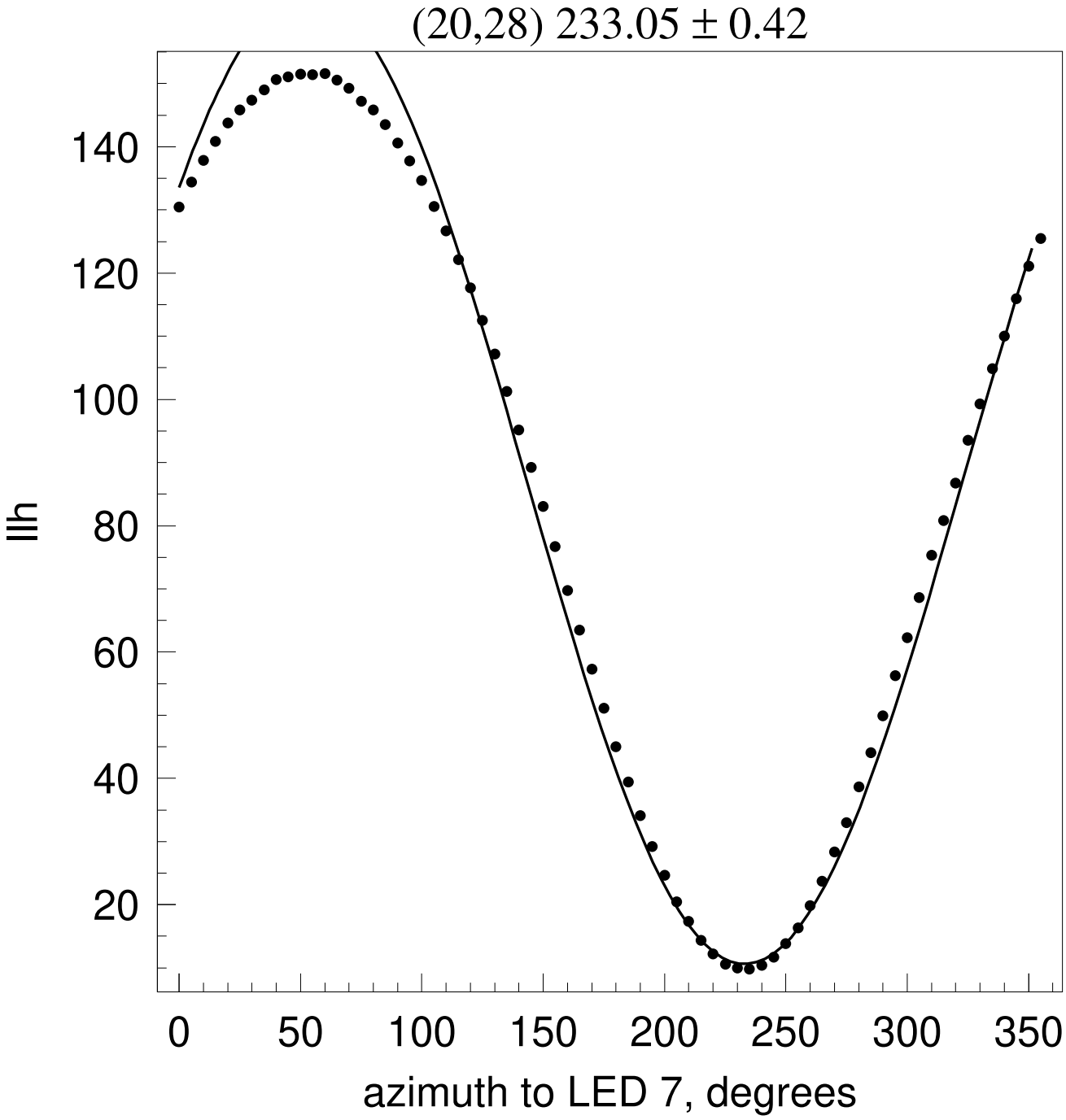

(20,23) 6.82 ± 0.46
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

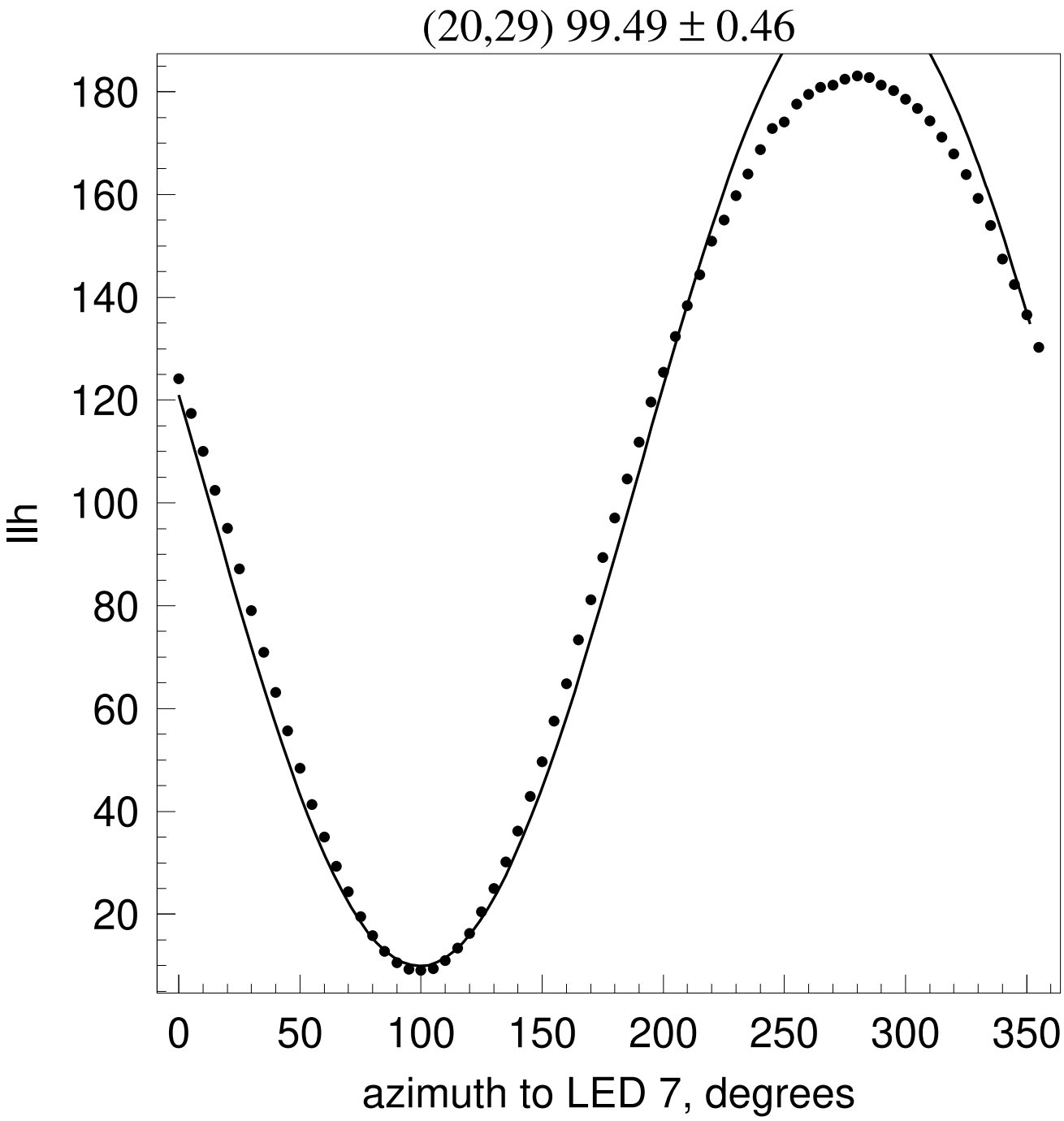

(20,24) 74.22 ± 0.28
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

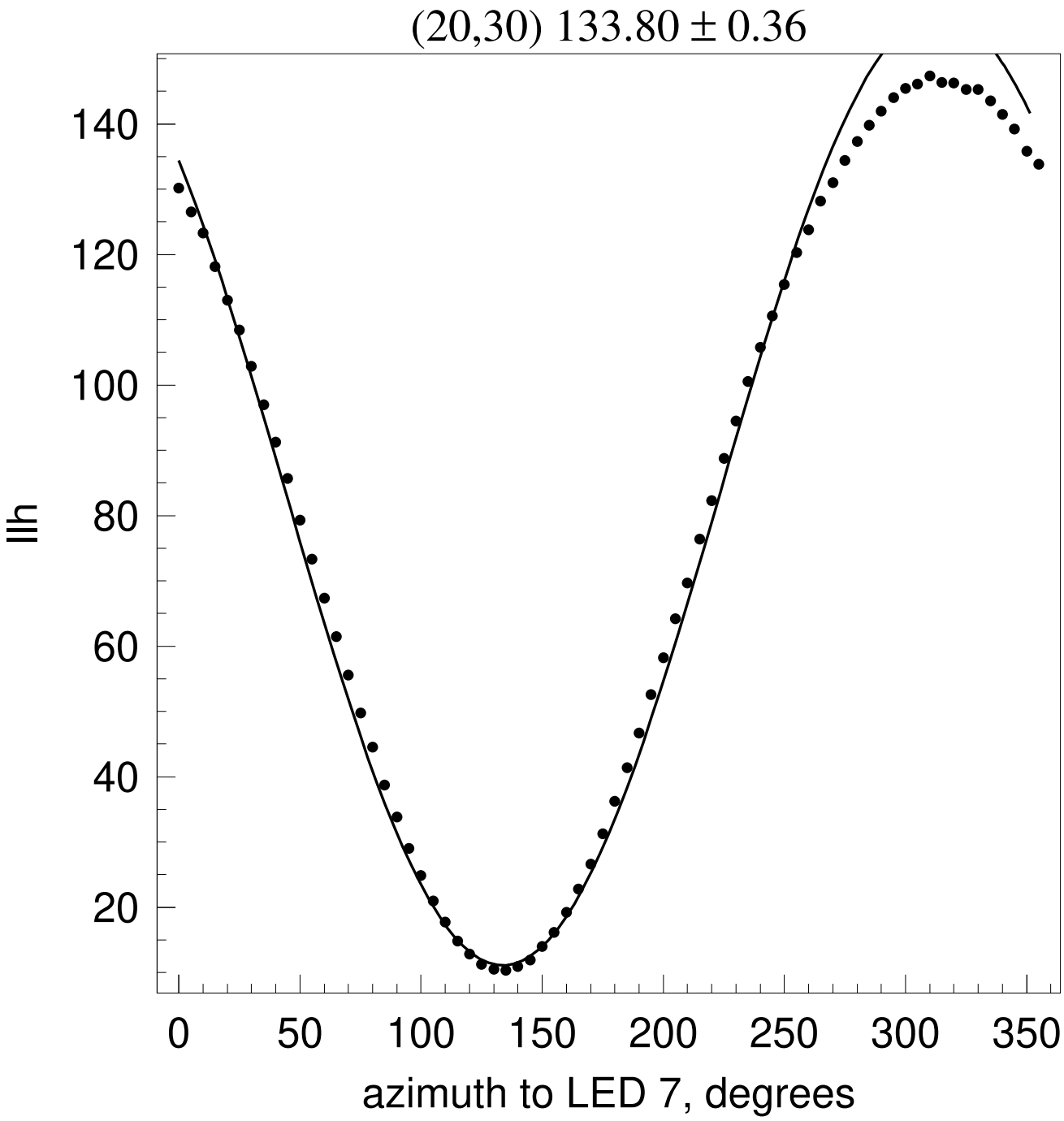

(20,25) 306.60 ± 0.16
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

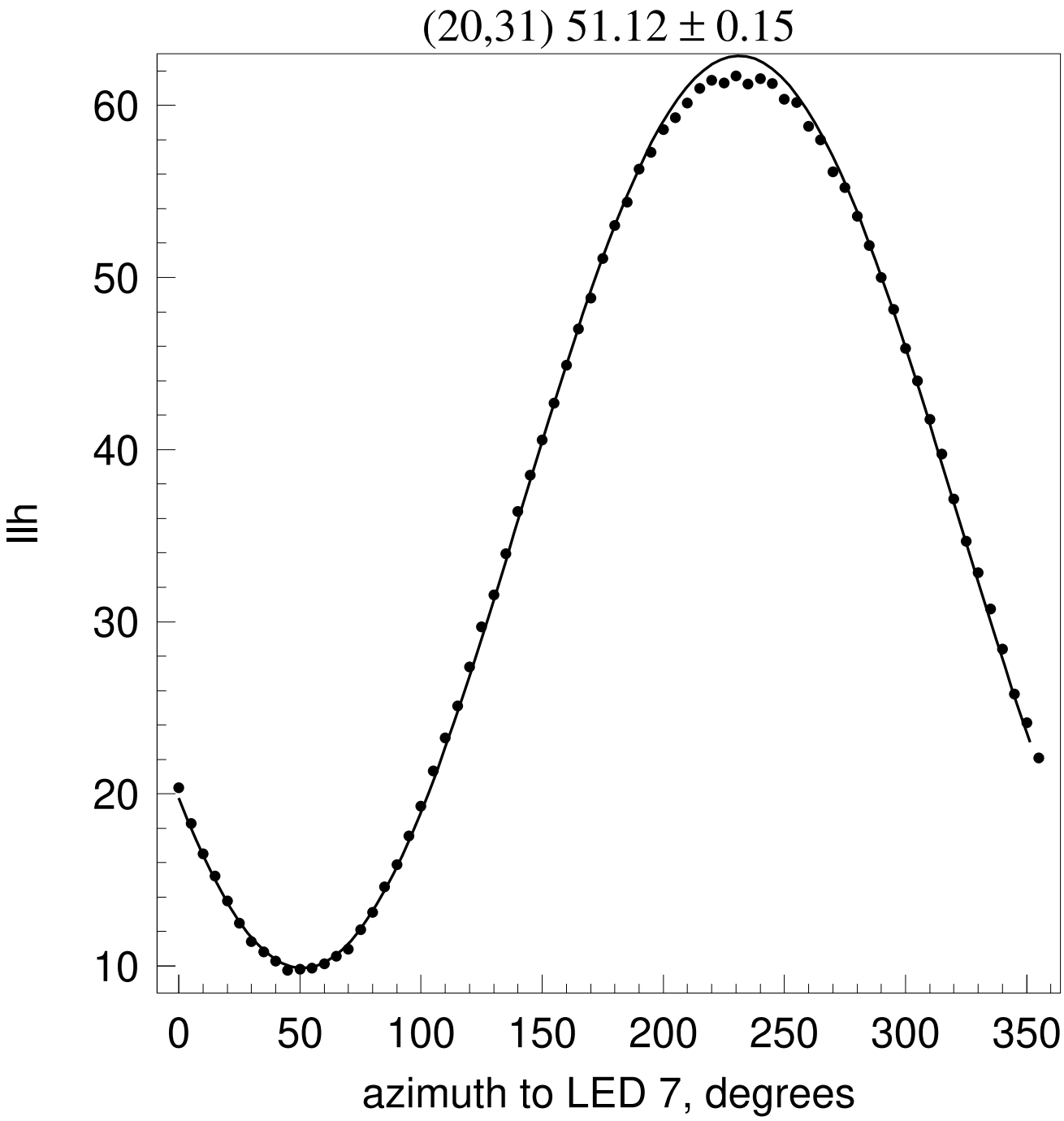

(20,26) 215.61 ± 0.13
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

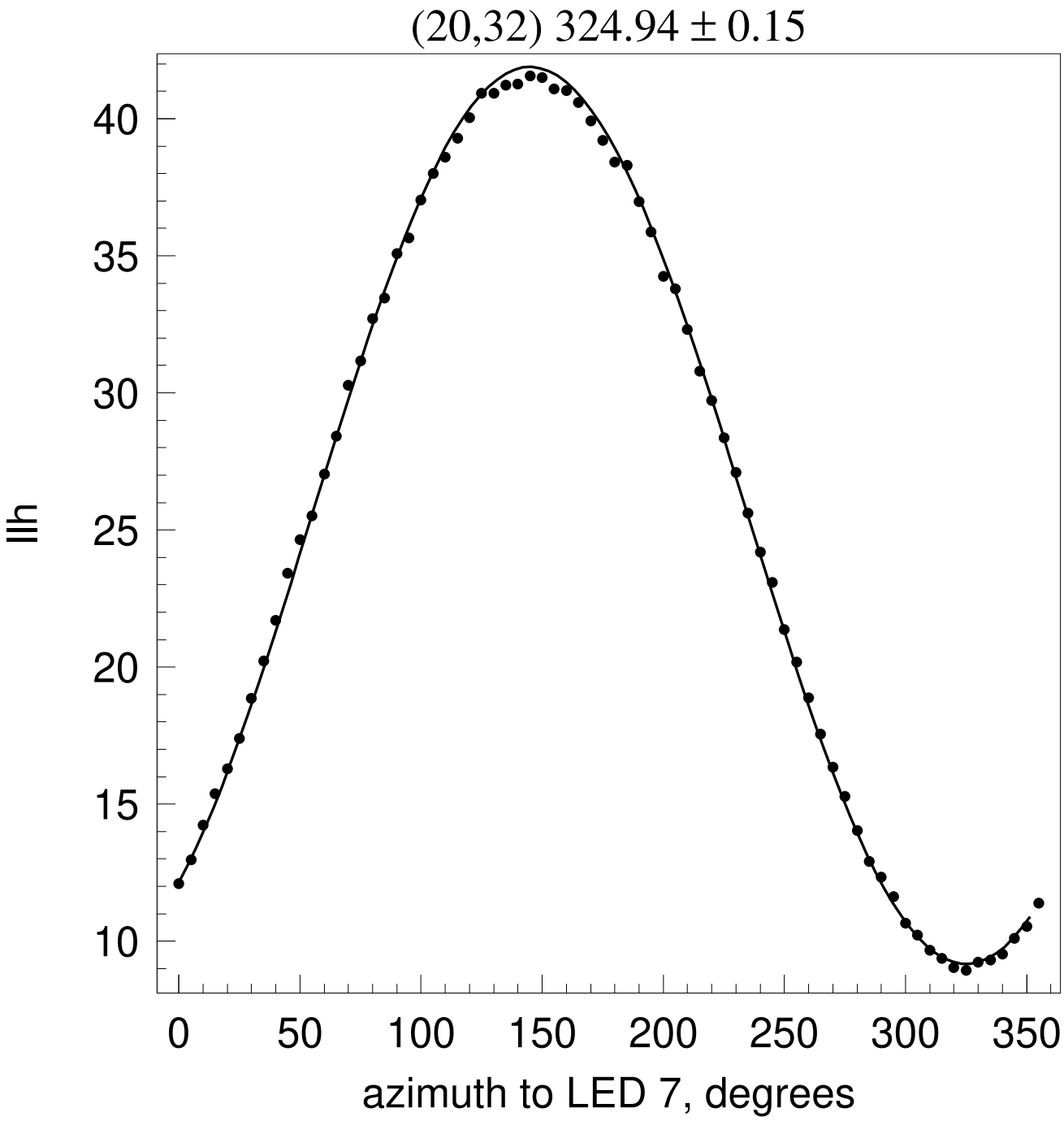

(20,27) 255.30 ± 0.31
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

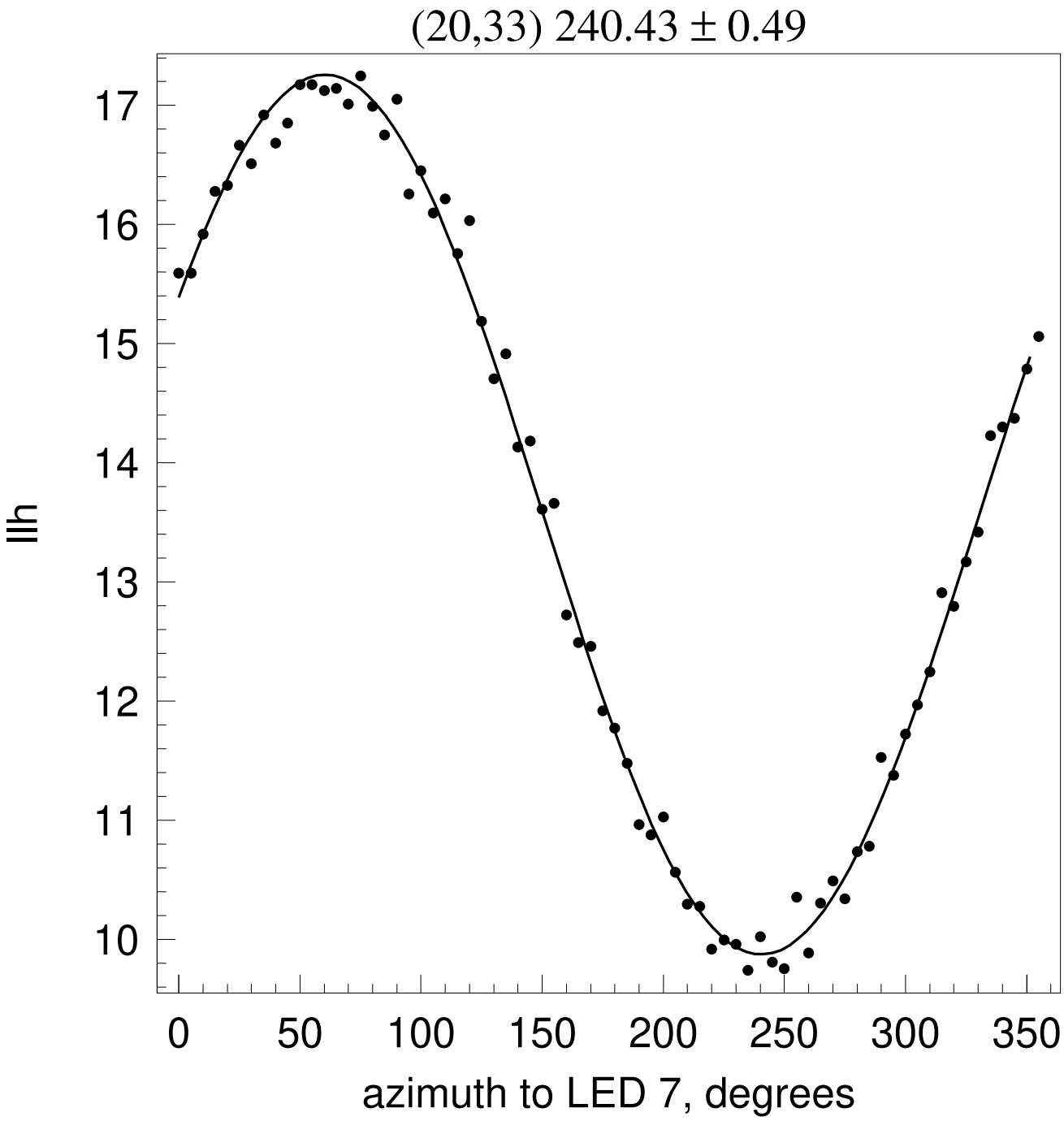

(20,28) 233.05 ± 0.42
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

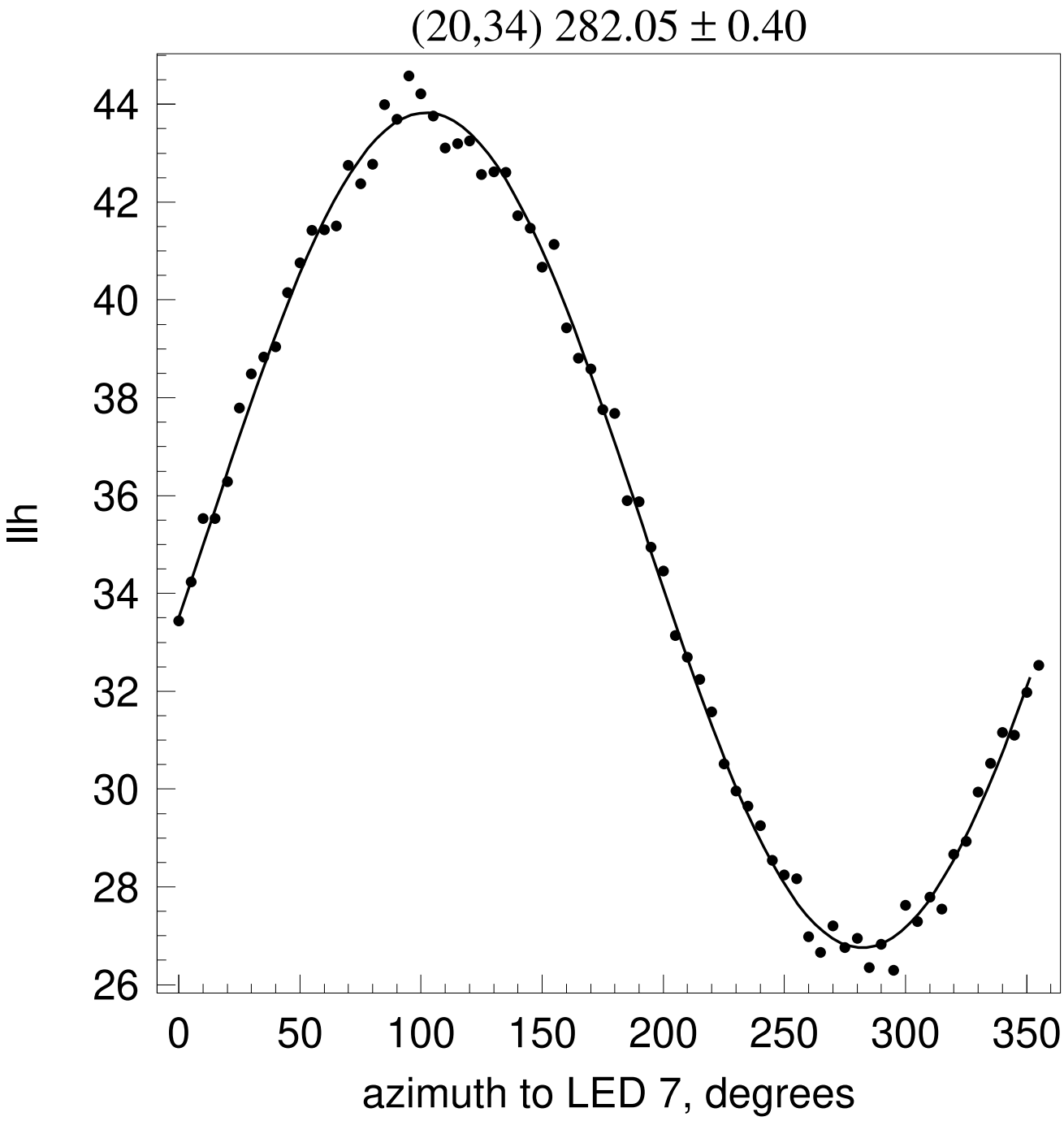

(20,29) 99.49 ± 0.46
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

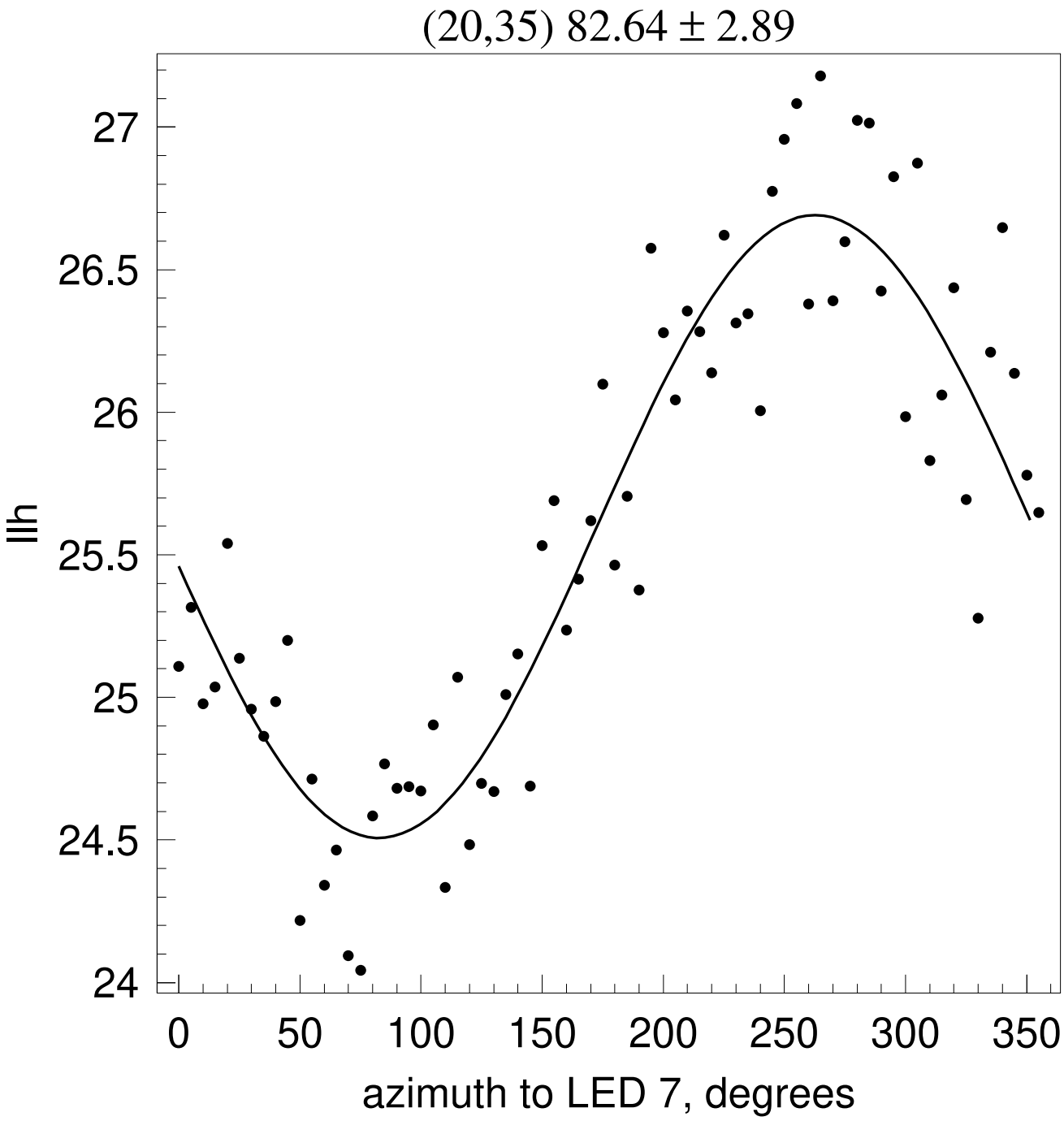

(20,30) 133.80 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

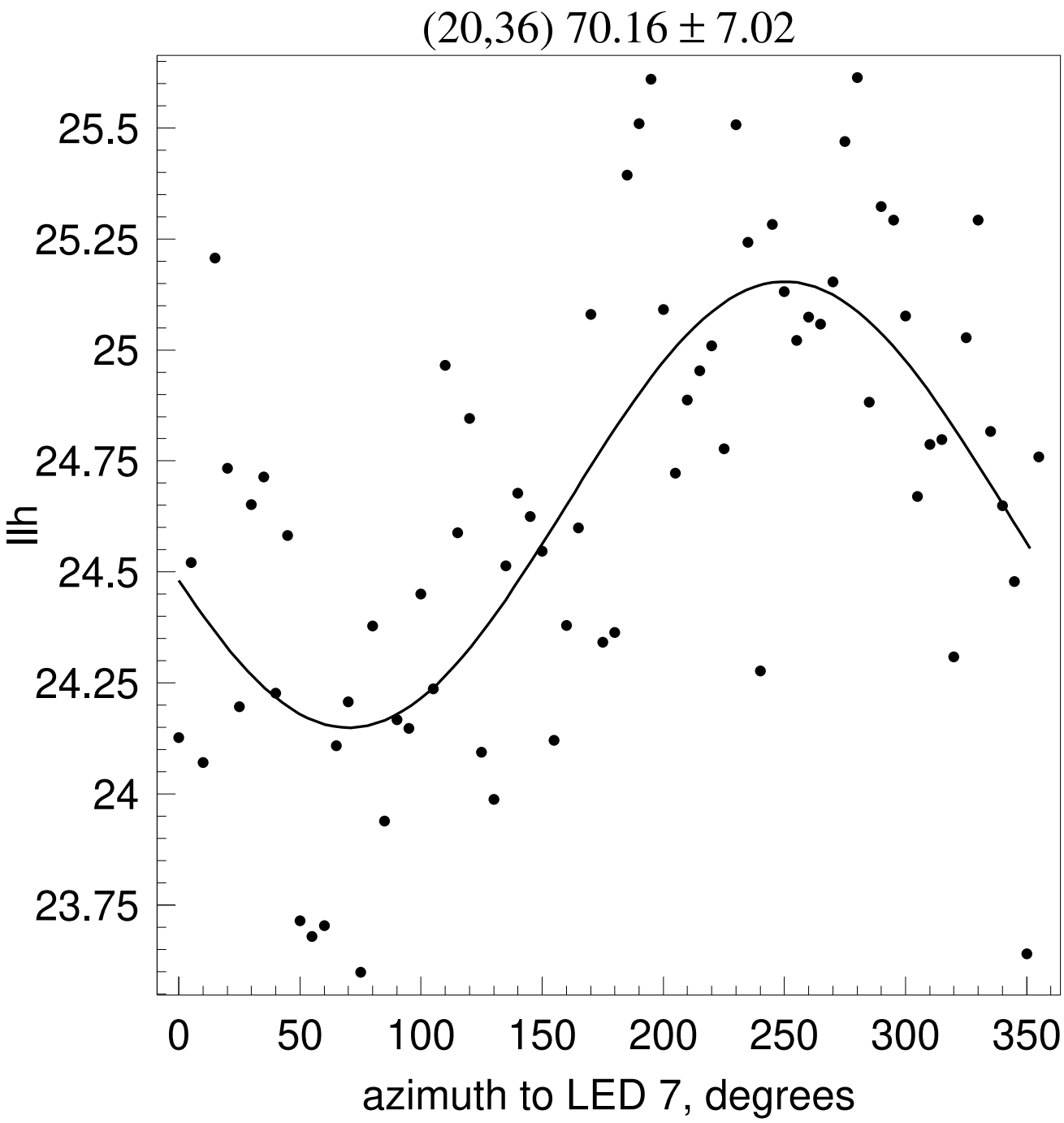

(20,31) 51.12 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

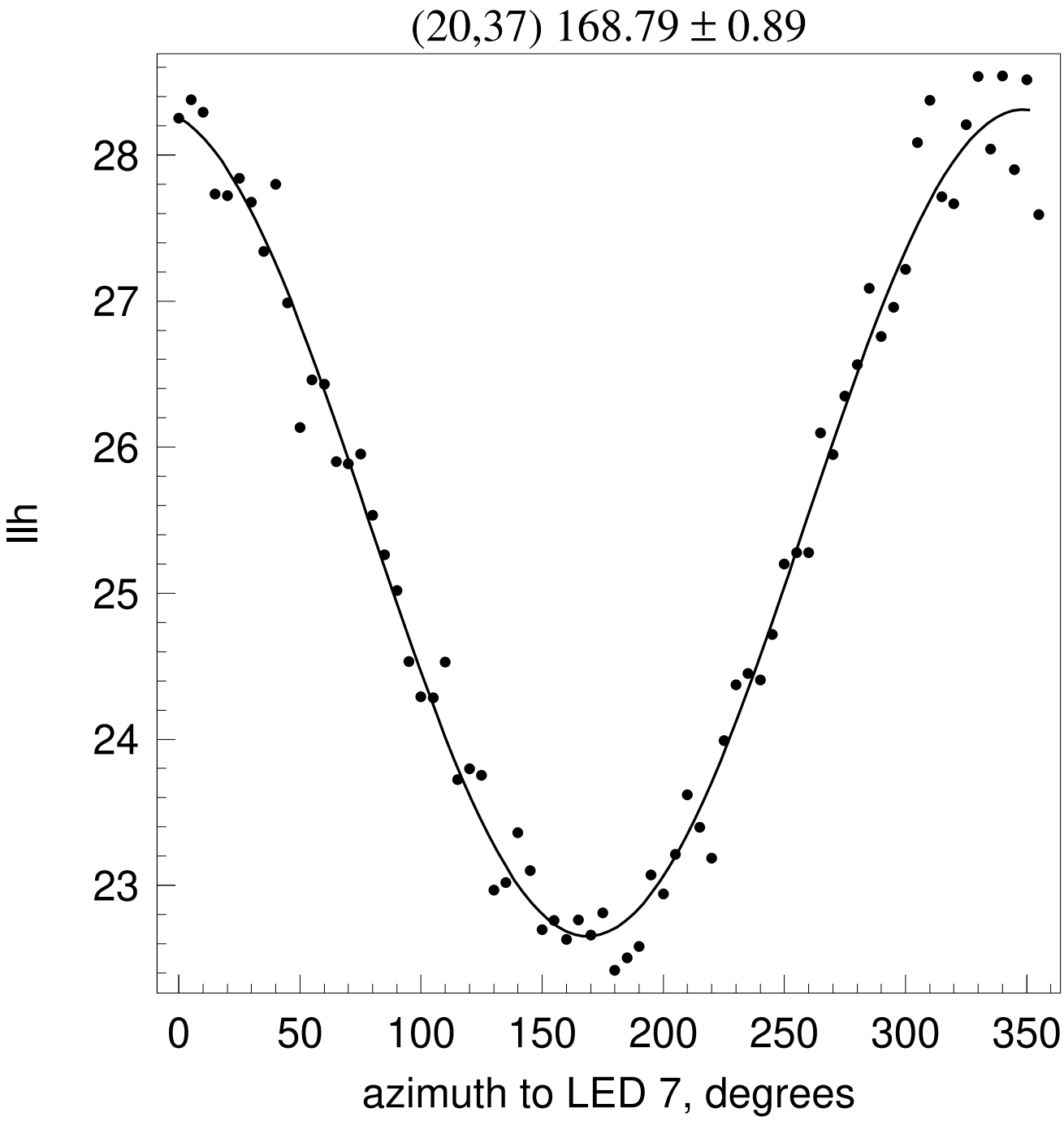

(20,32) 324.94 ± 0.15
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

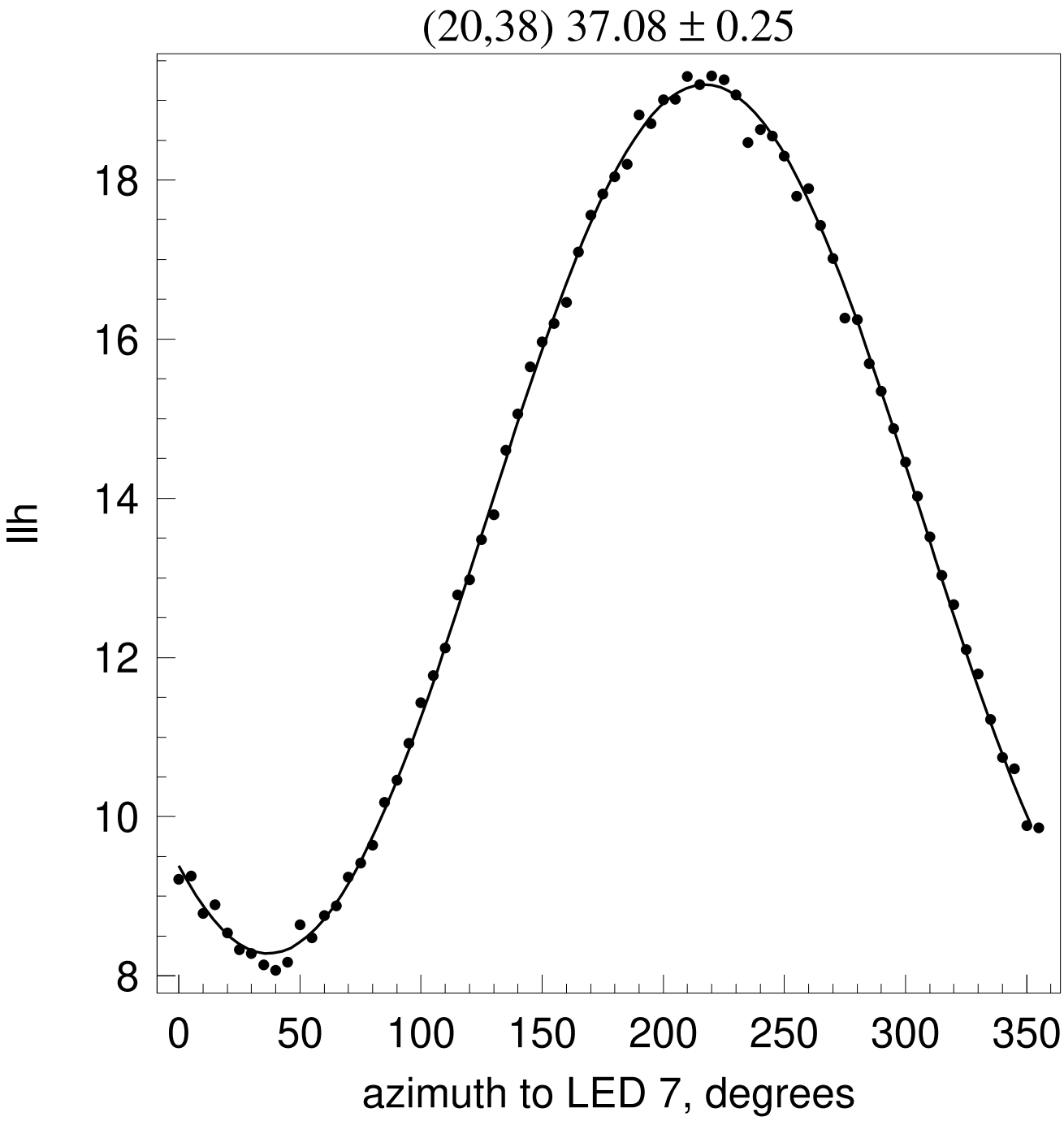

(20,33) 240.43 ± 0.49
17
16
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

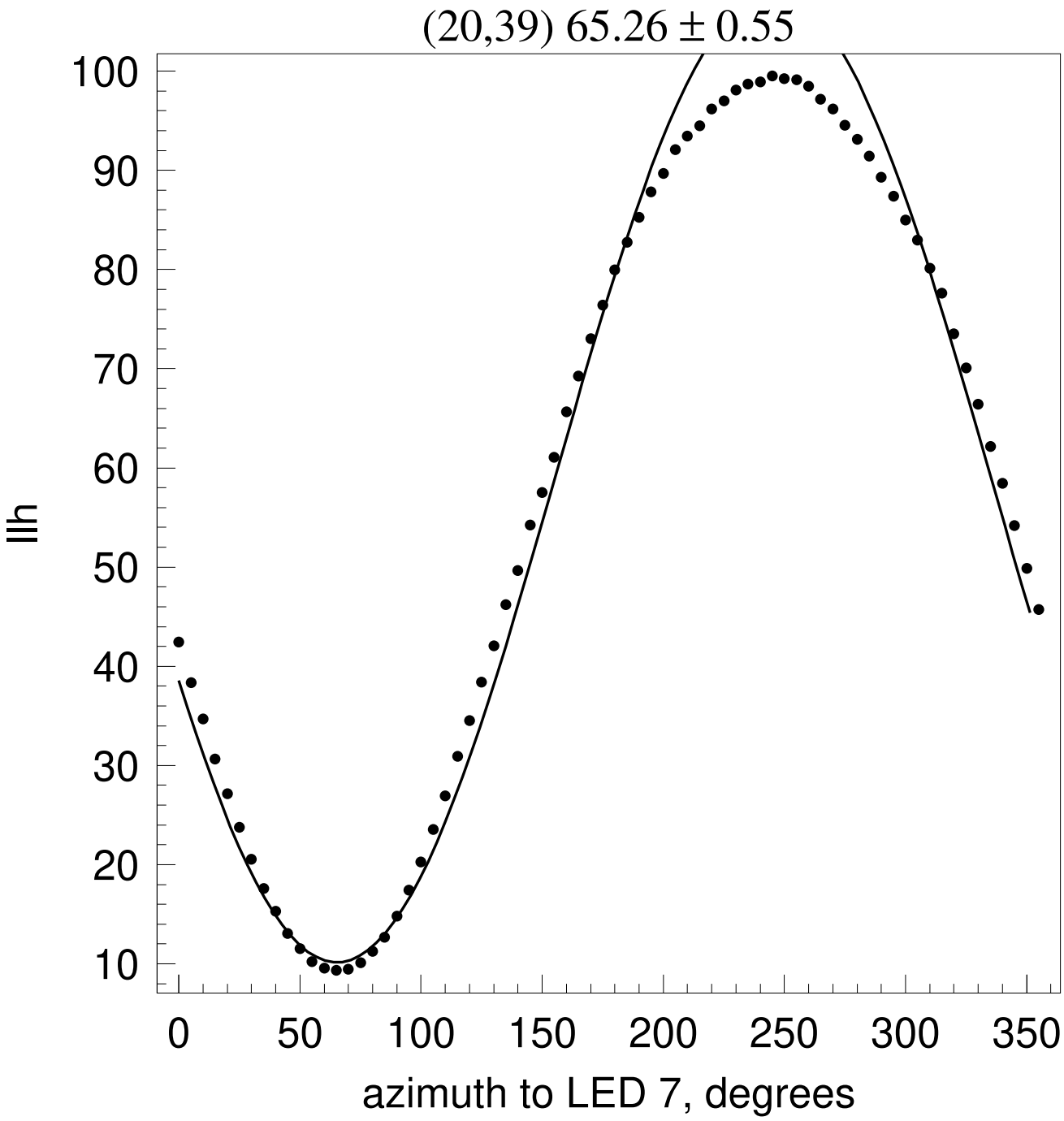

(20,34) 282.05 ± 0.40
44
42
40
38
36
34
32
30
28
26
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

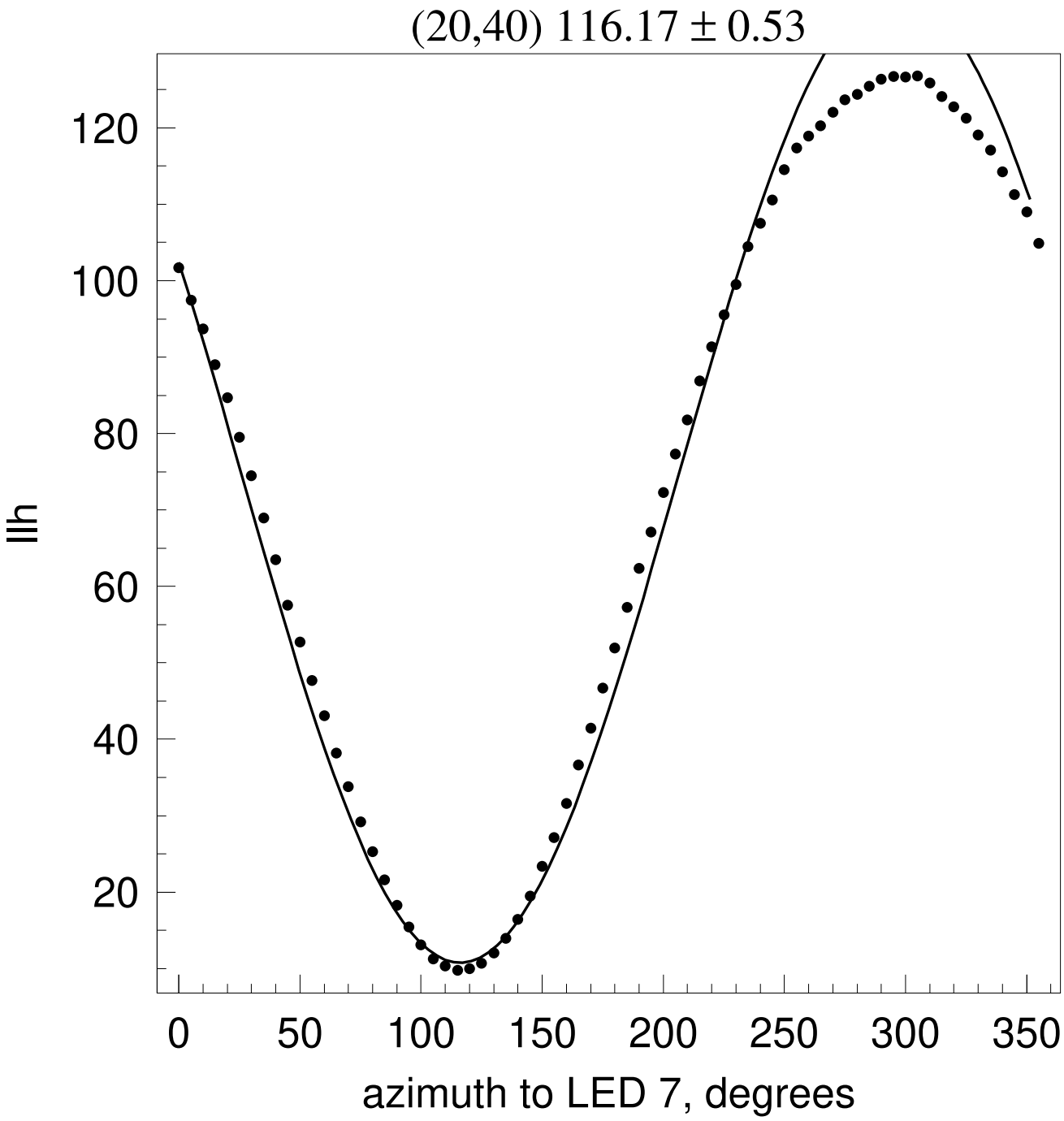

(20,35) 82.64 ± 2.89
27
26.5
26
25.5
25
24.5
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

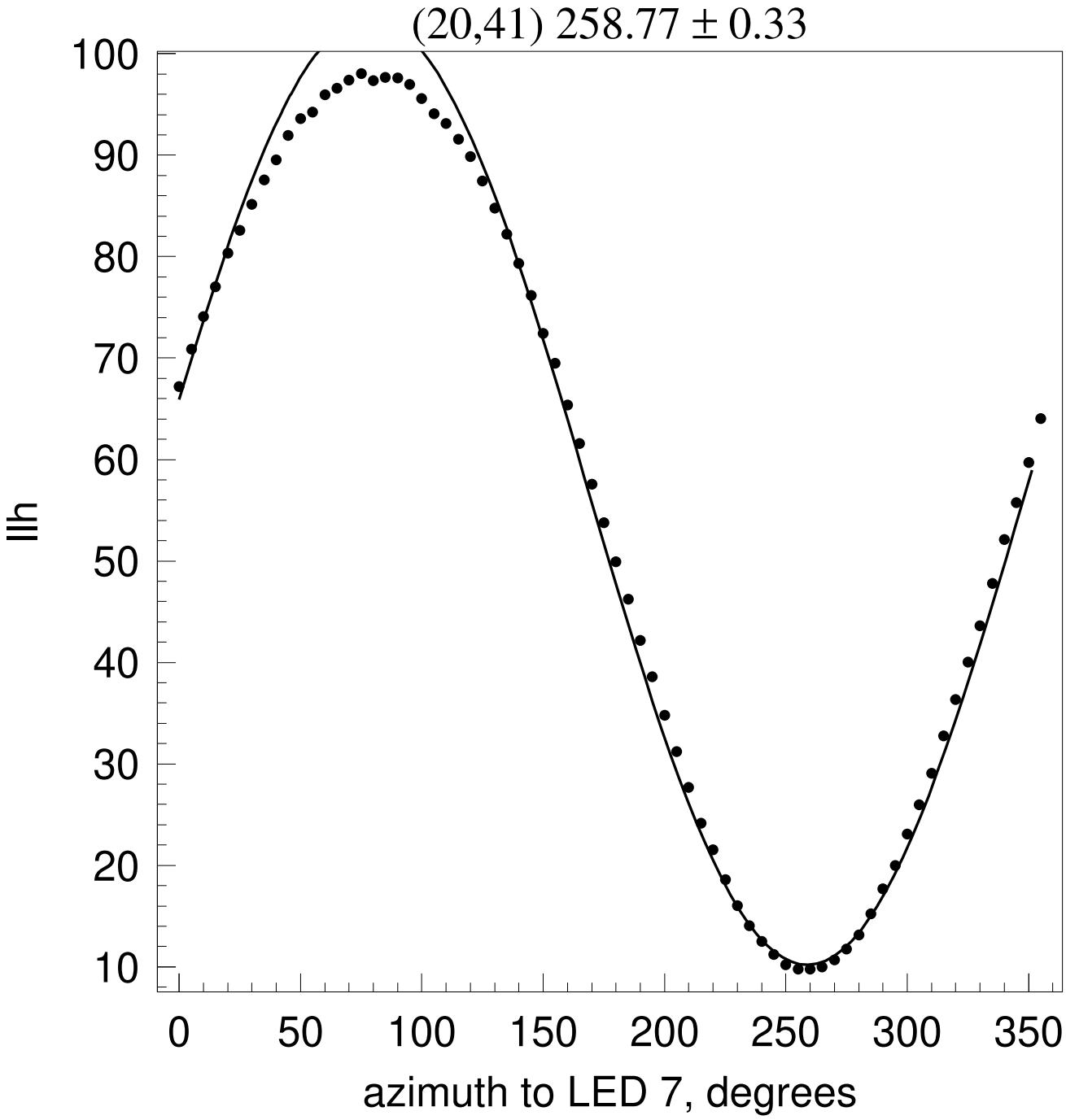

(20,36) 70.16 ± 7.02
25.5
25.25
25
24.75
24.5
24.25
24
23.75
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

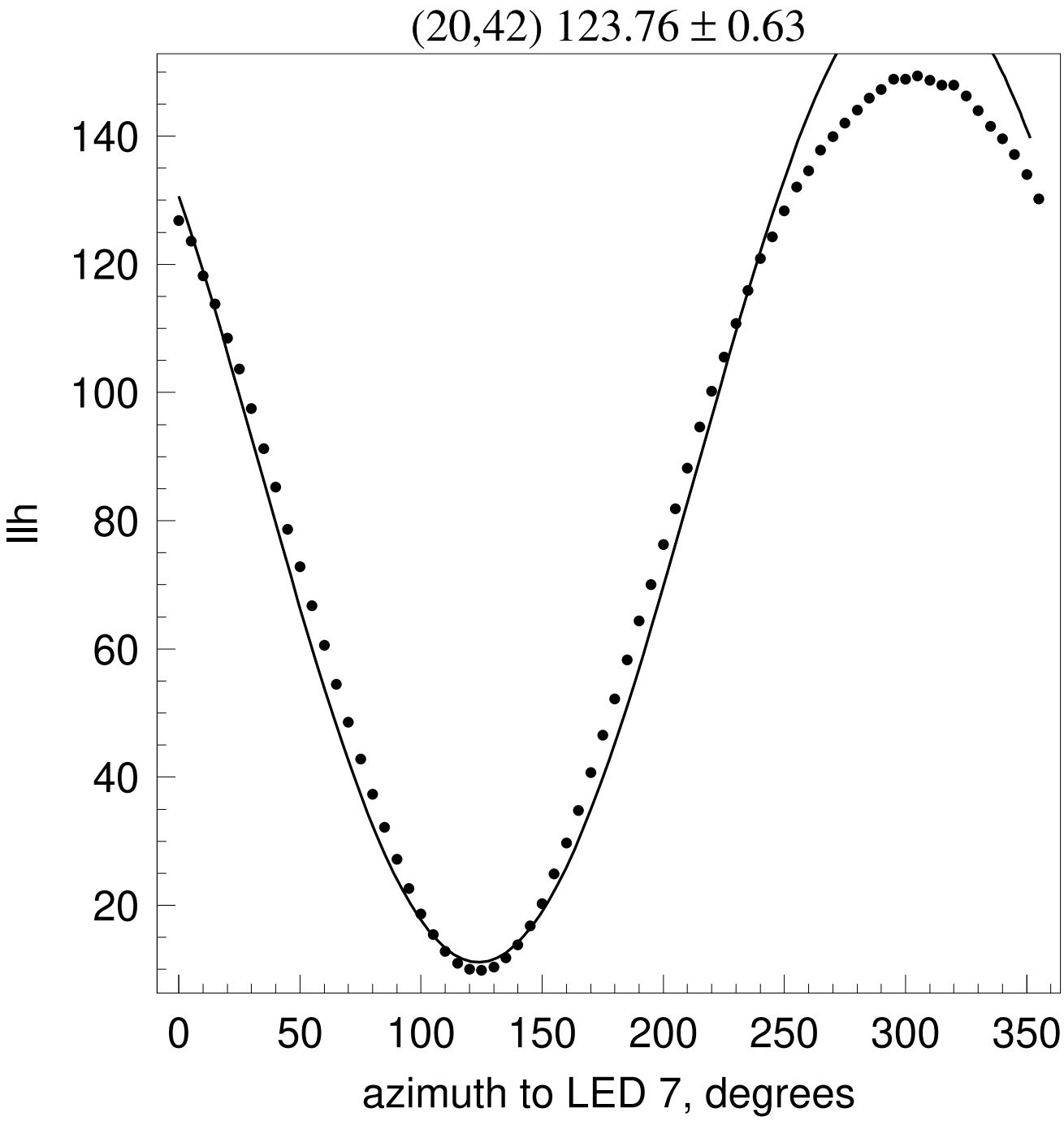

(20,37) 168.79 ± 0.89
28
27
26
25
24
23
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

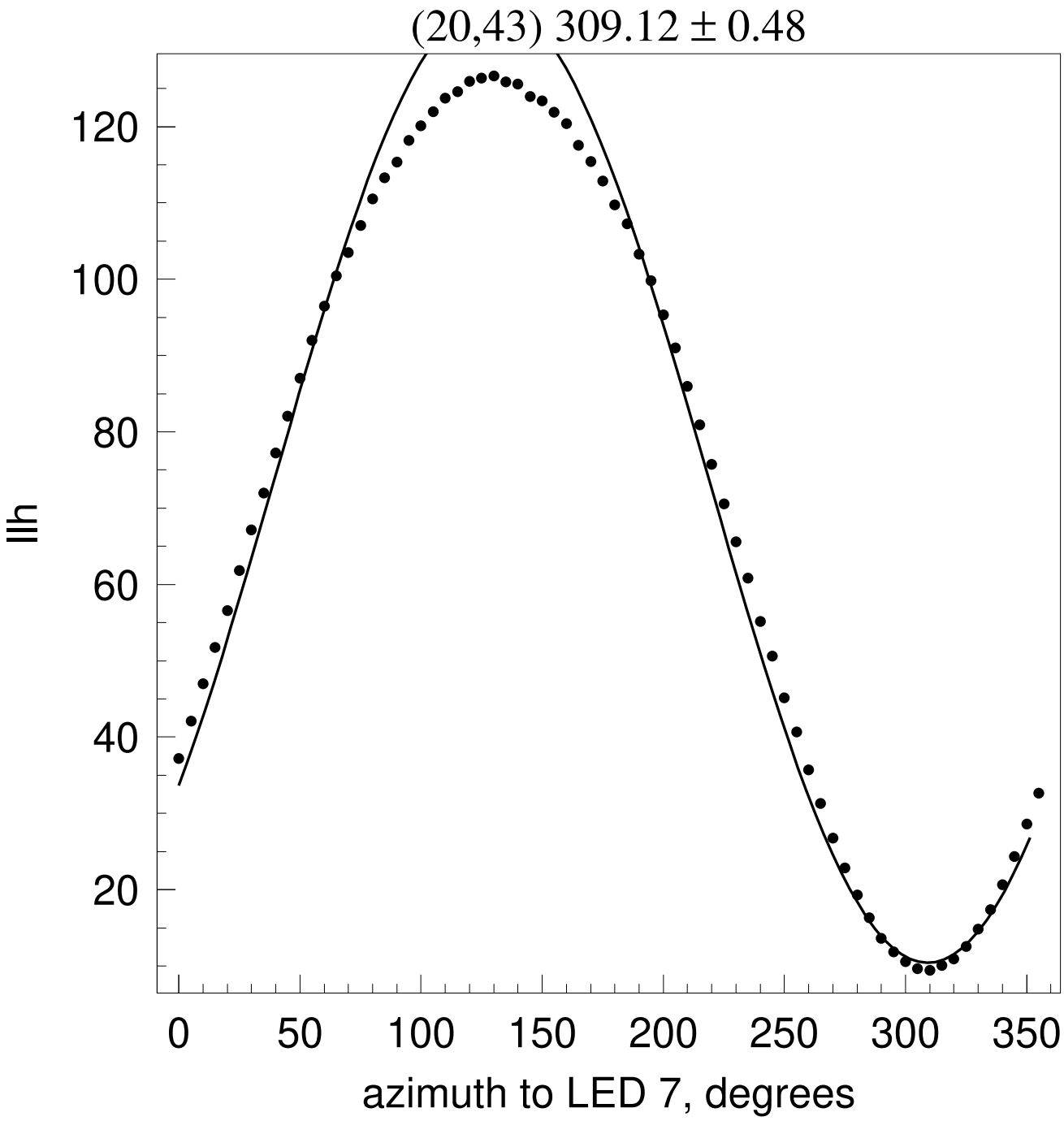

(20,38) 37.08 ± 0.25
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

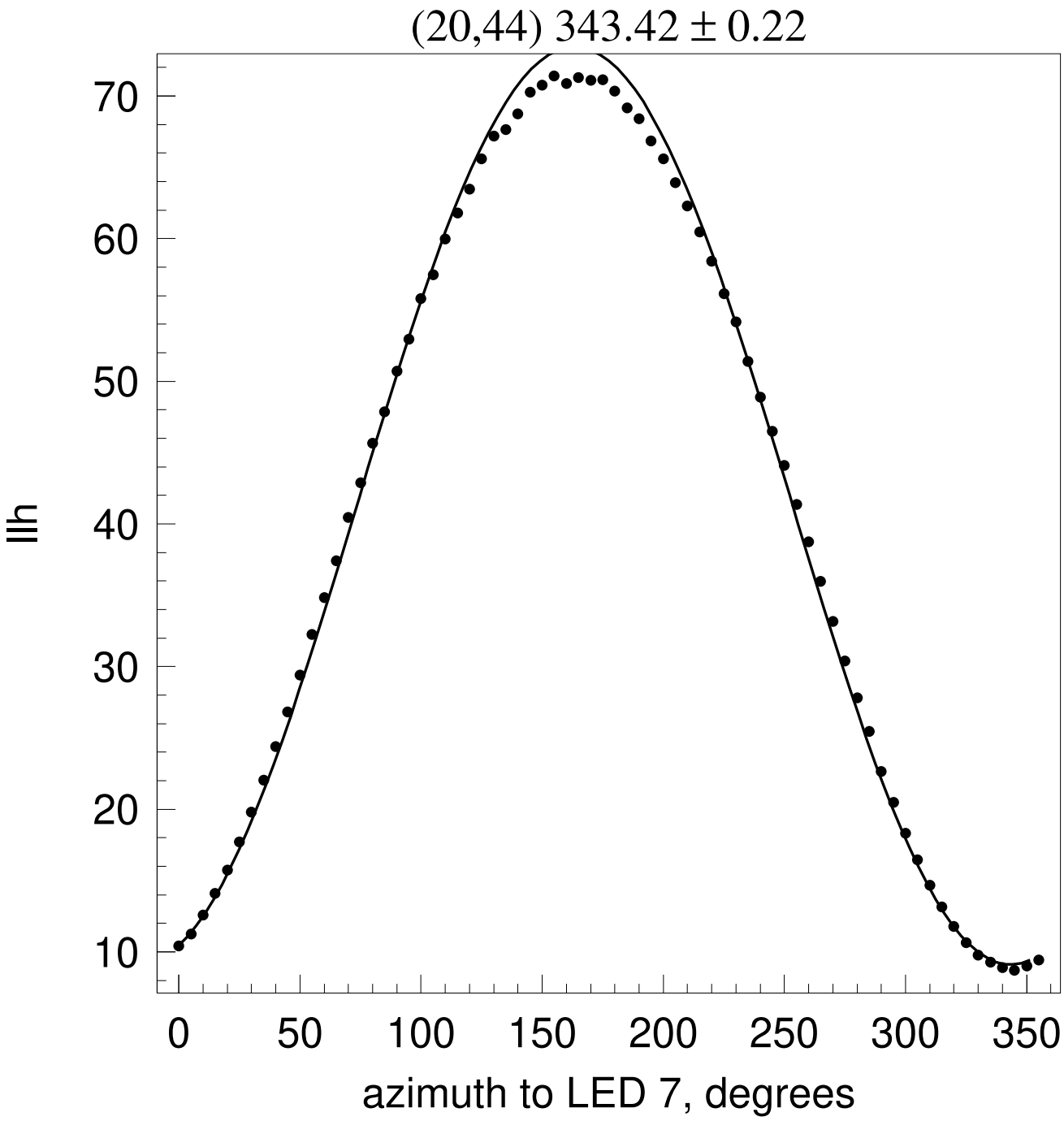

(20,39) 65.26 ± 0.55
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

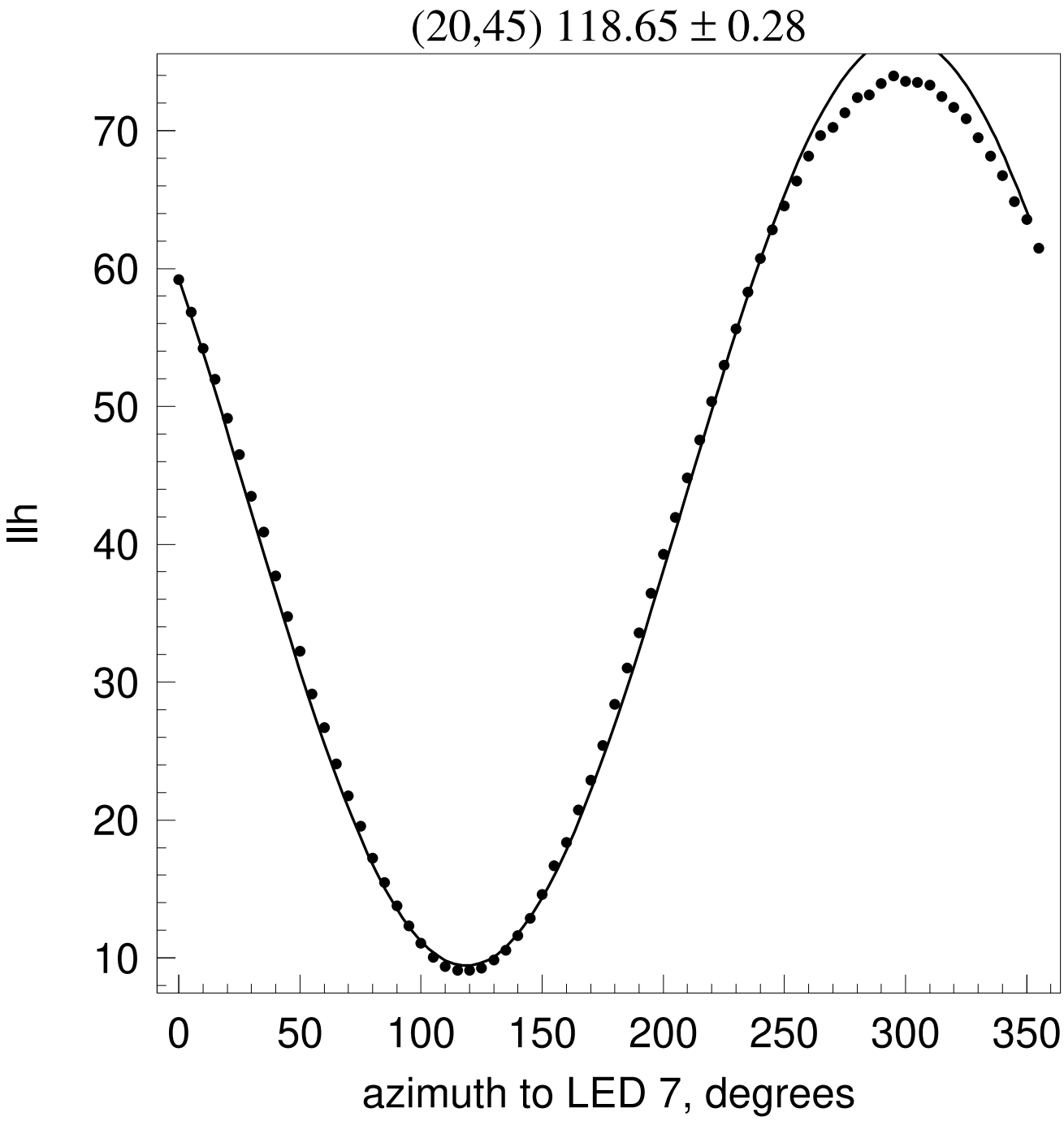

(20,40) 116.17 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

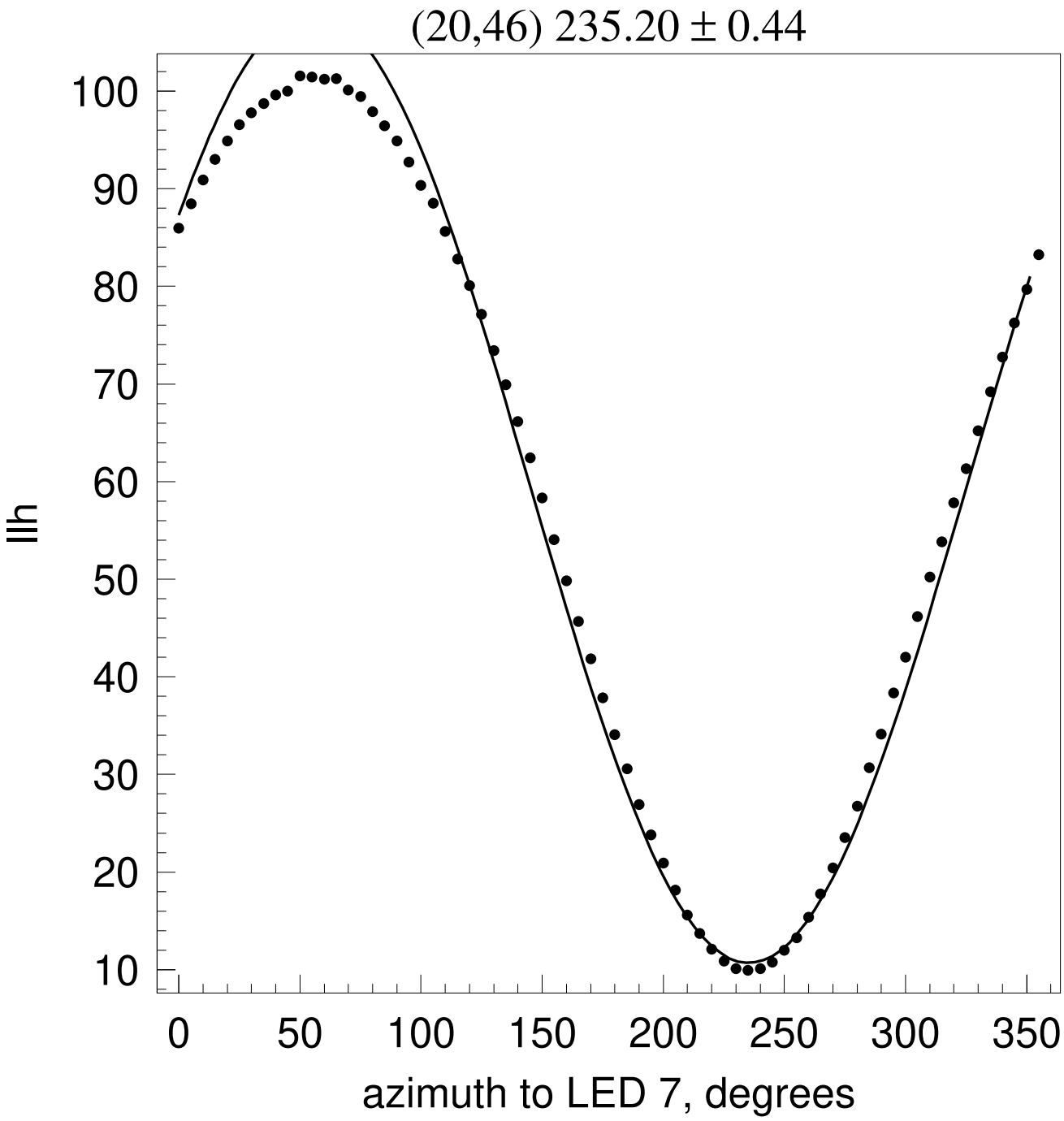

(20,41) 258.77 ± 0.33
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

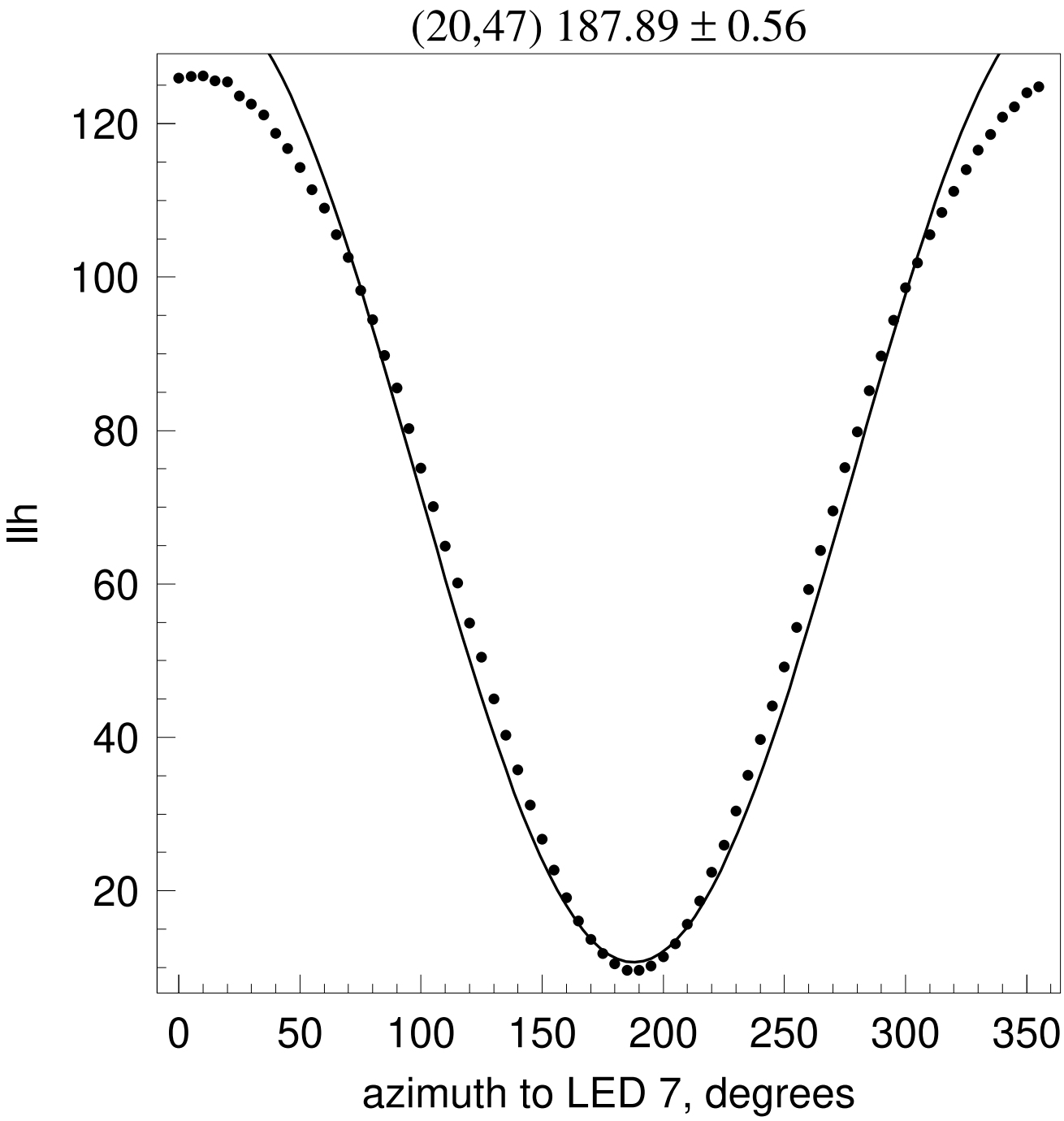

(20,42) 123.76 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

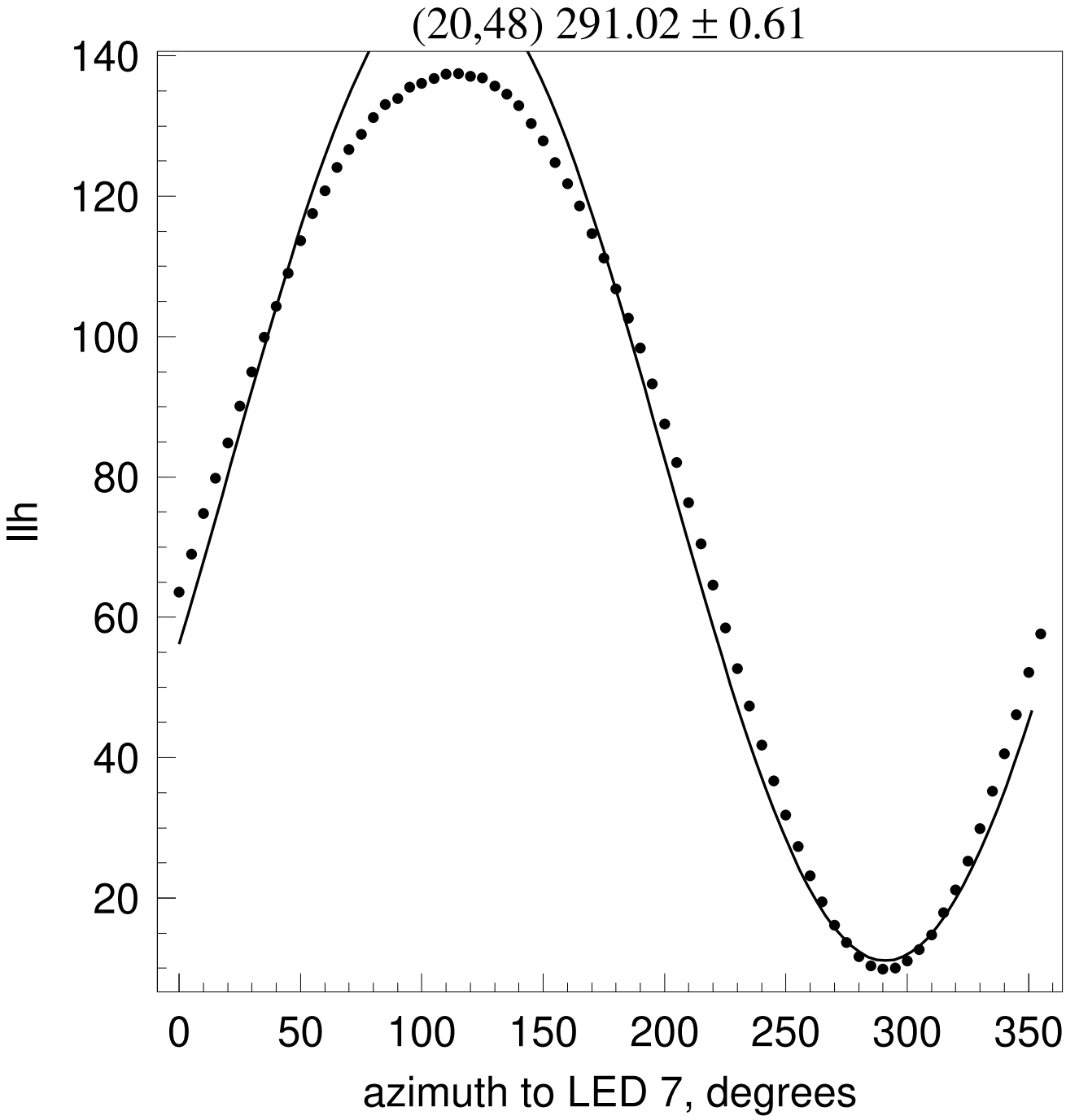

(20,43) 309.12 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

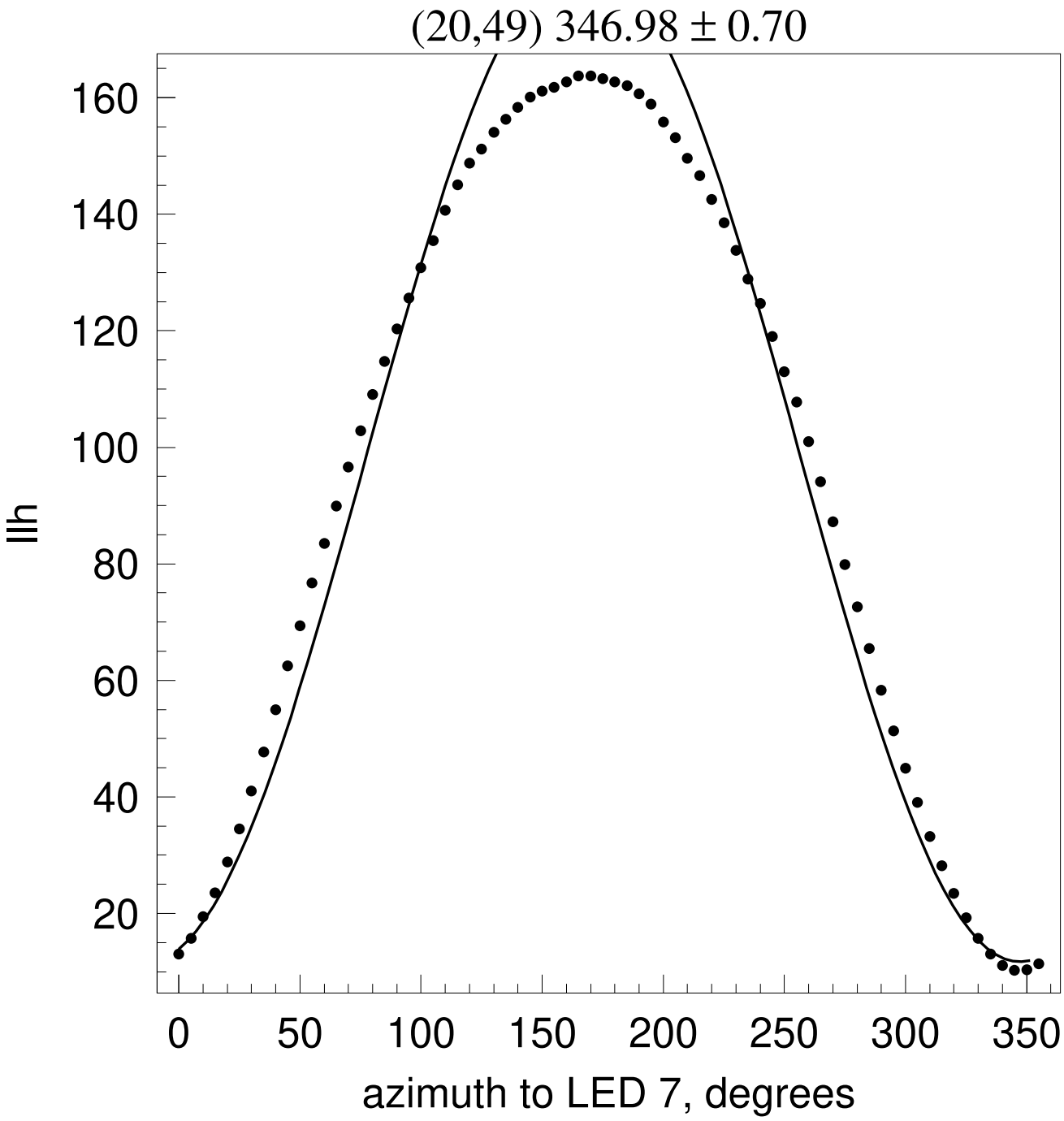

(20,44) 343.42 ± 0.22
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

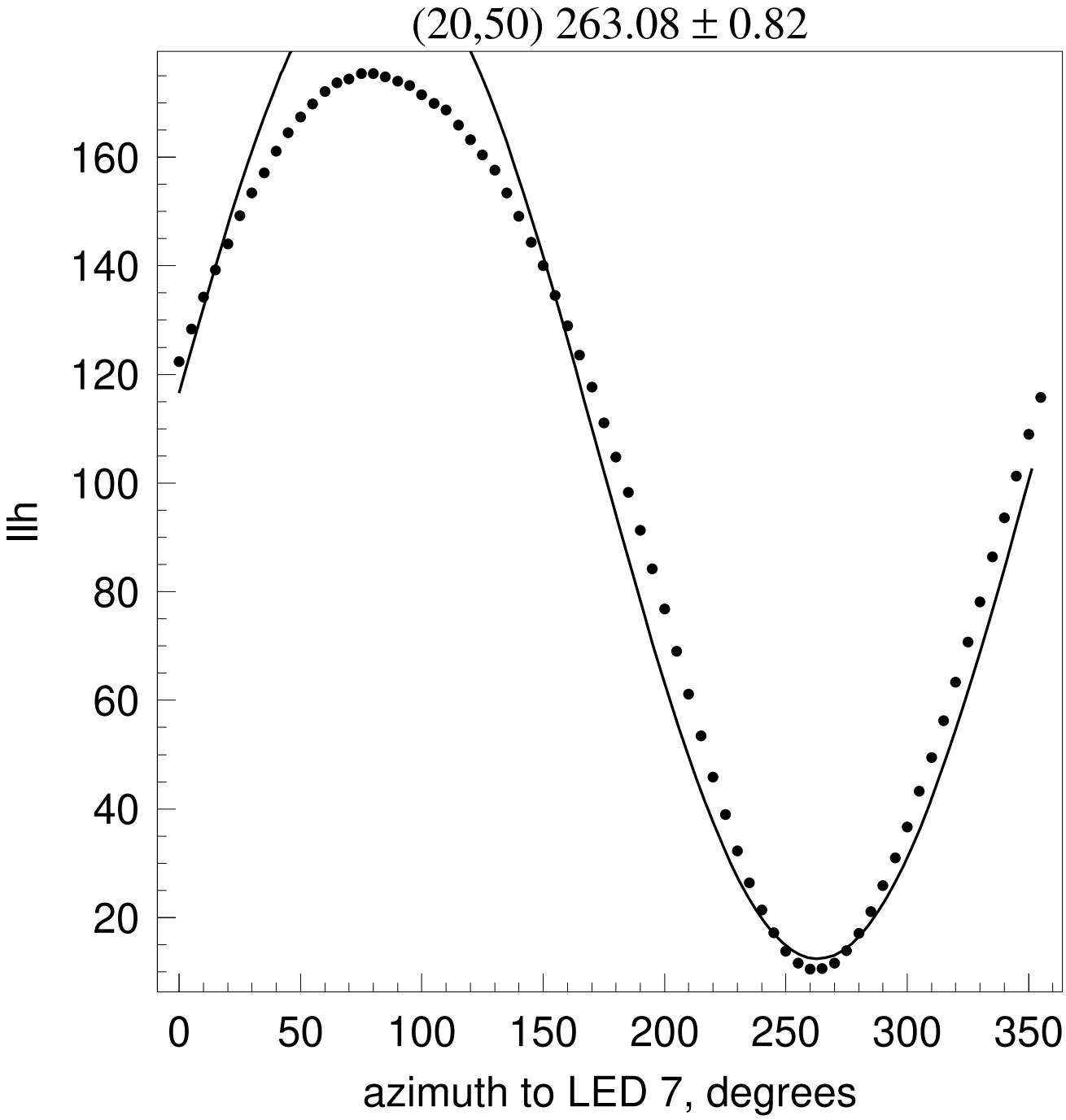

(20,45) 118.65 ± 0.28
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

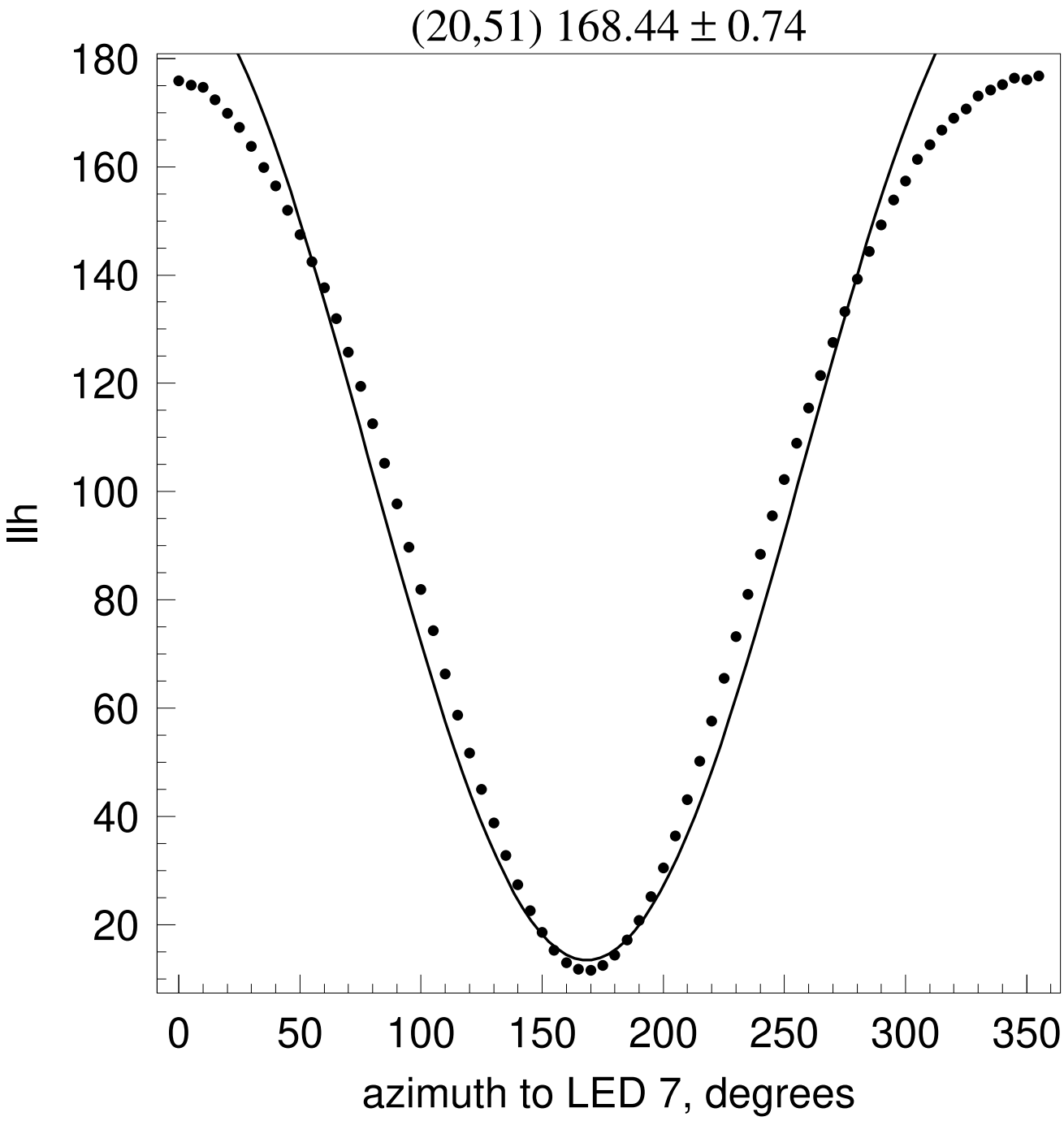

(20,46) 235.20 ± 0.44
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

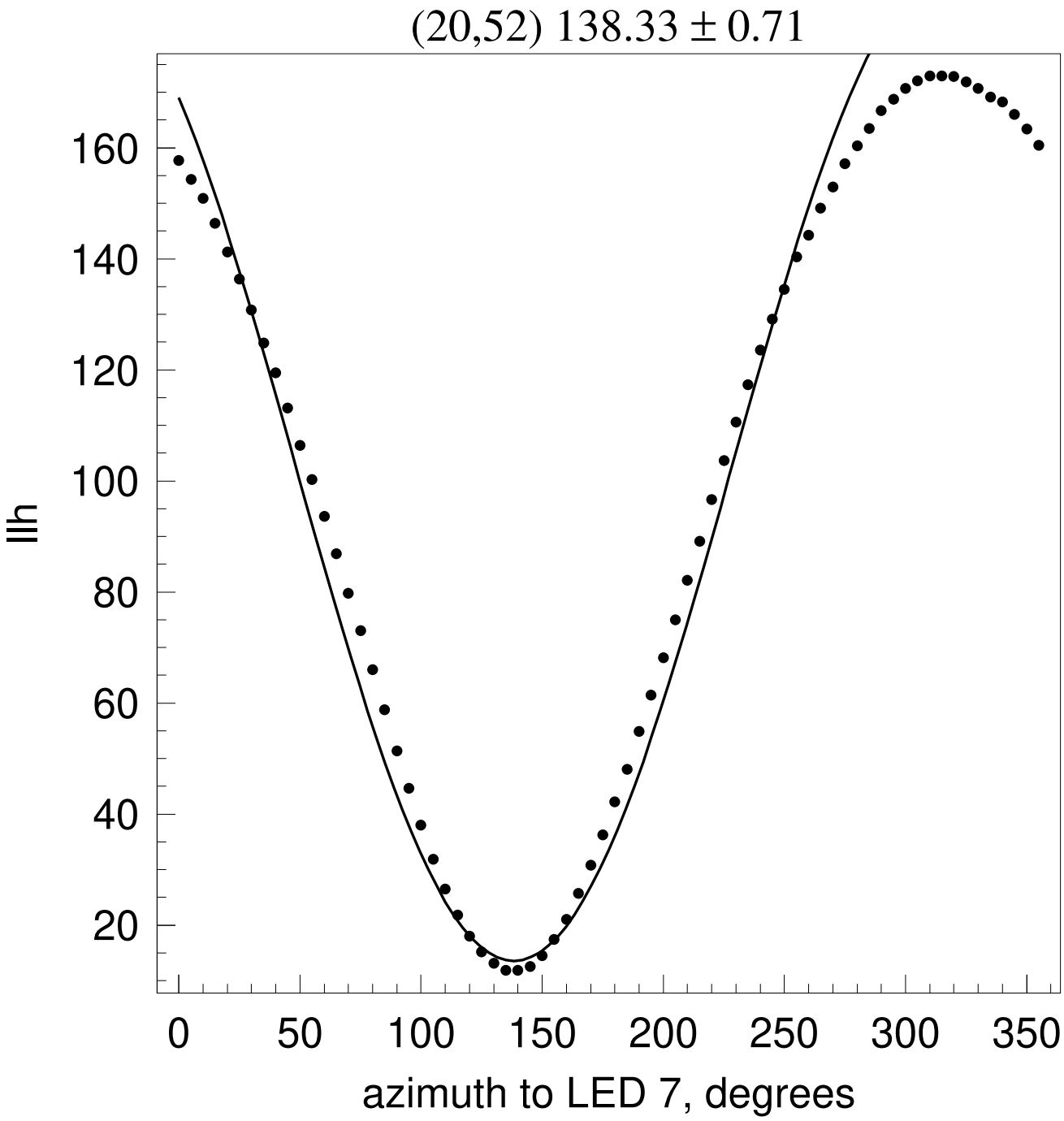

(20,47) 187.89 ± 0.56
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

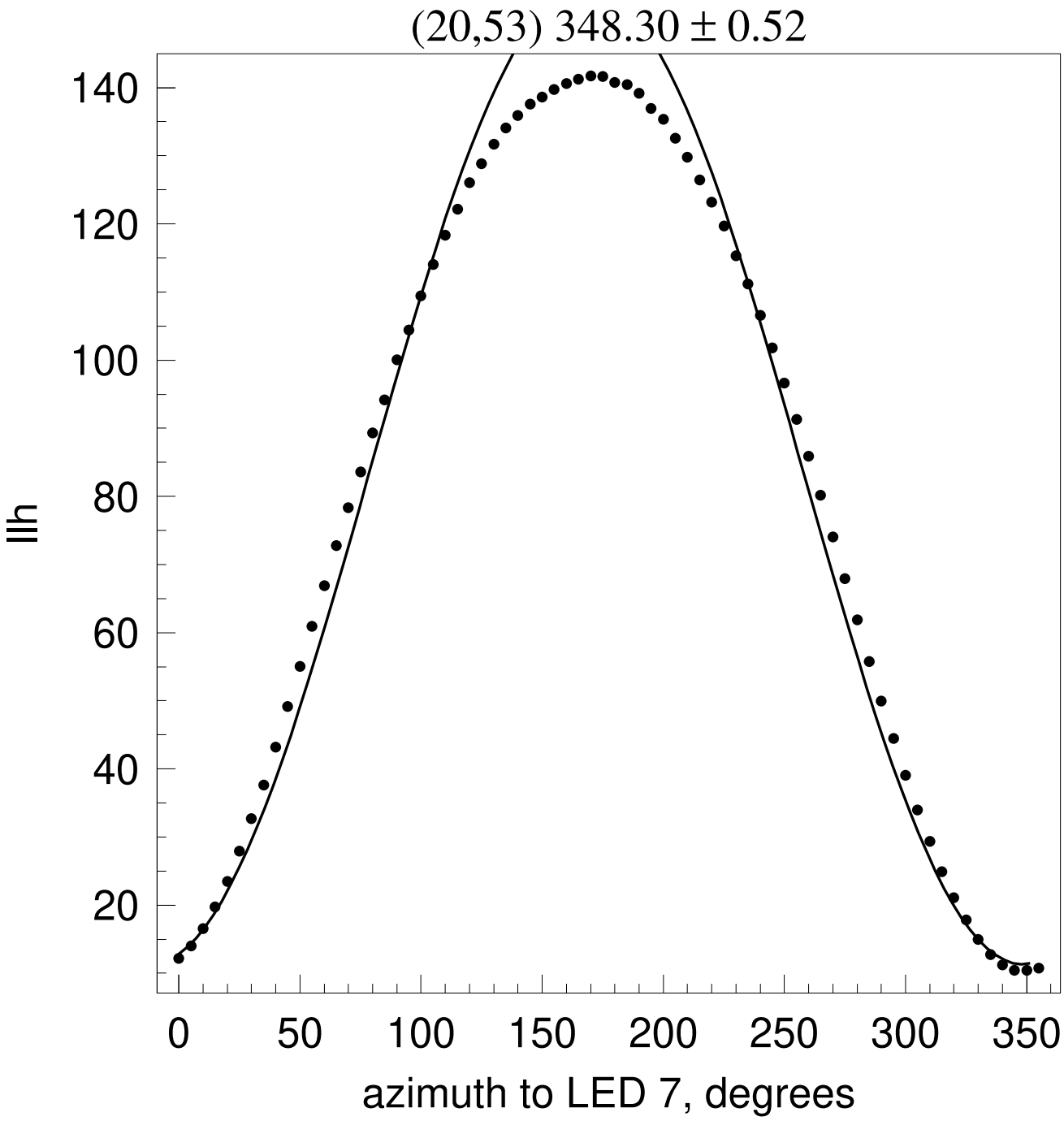

(20,48) 291.02 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

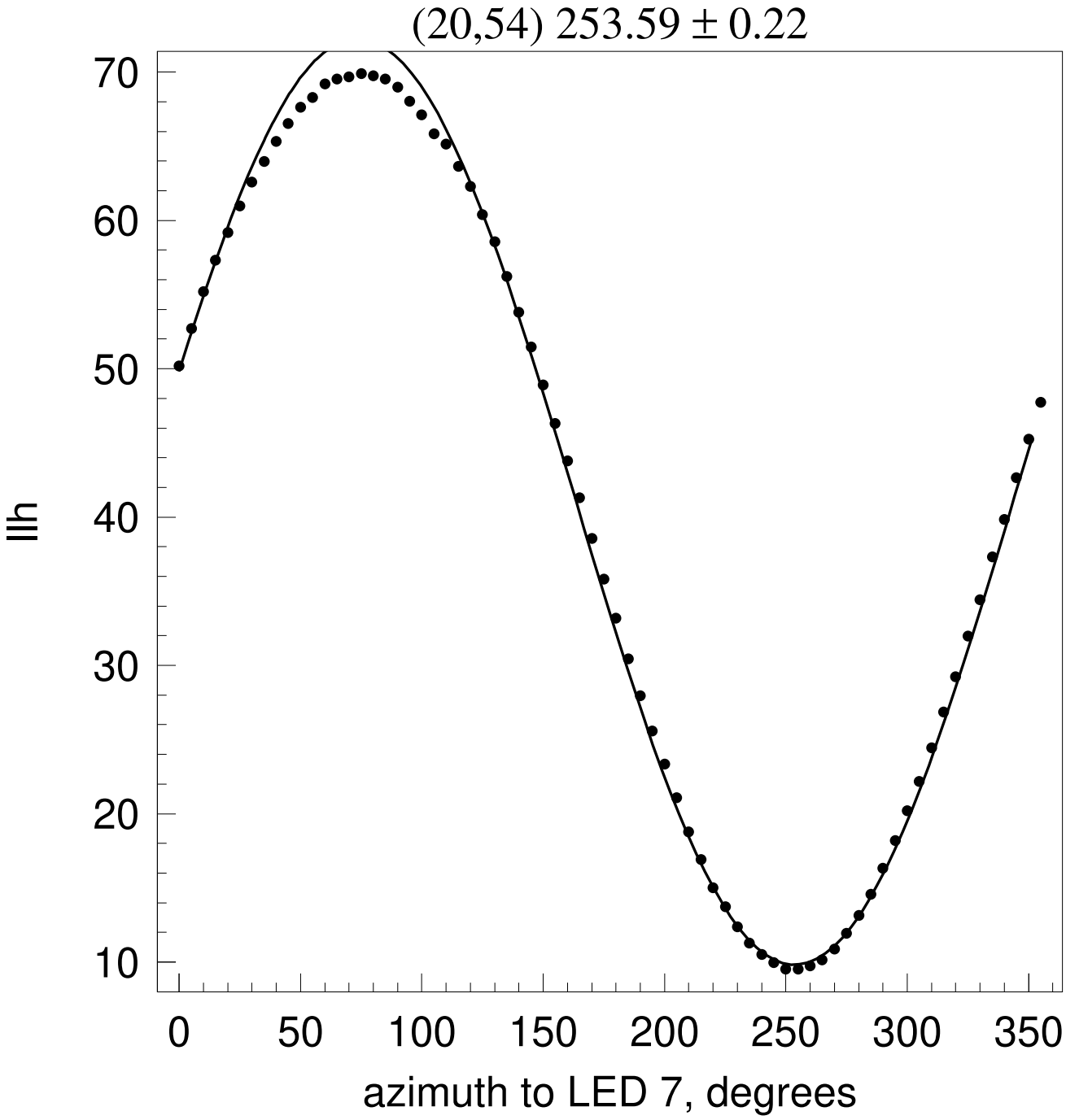

(20,49) 346.98 ± 0.70
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

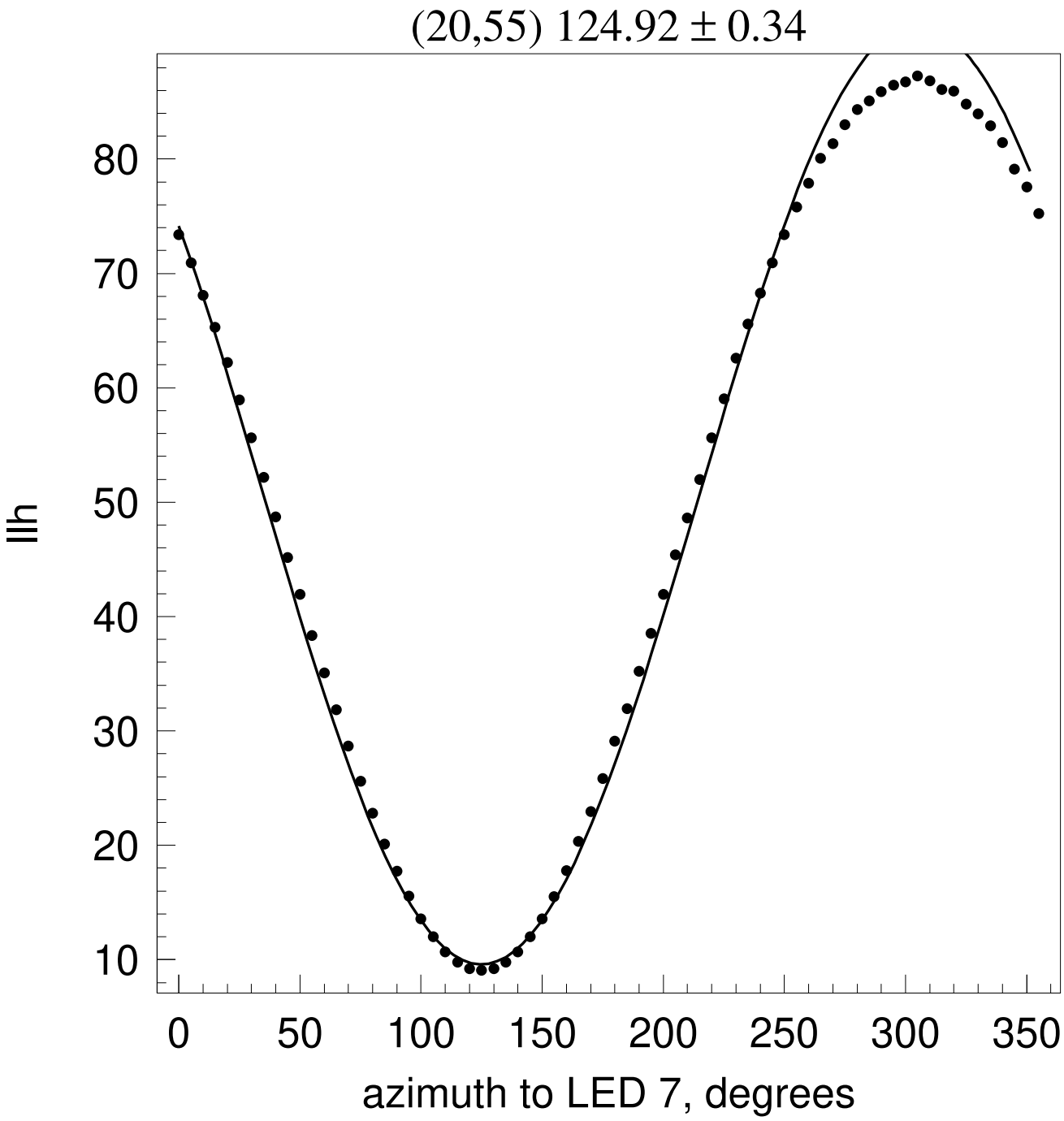

(20,50) 263.08 ± 0.82
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

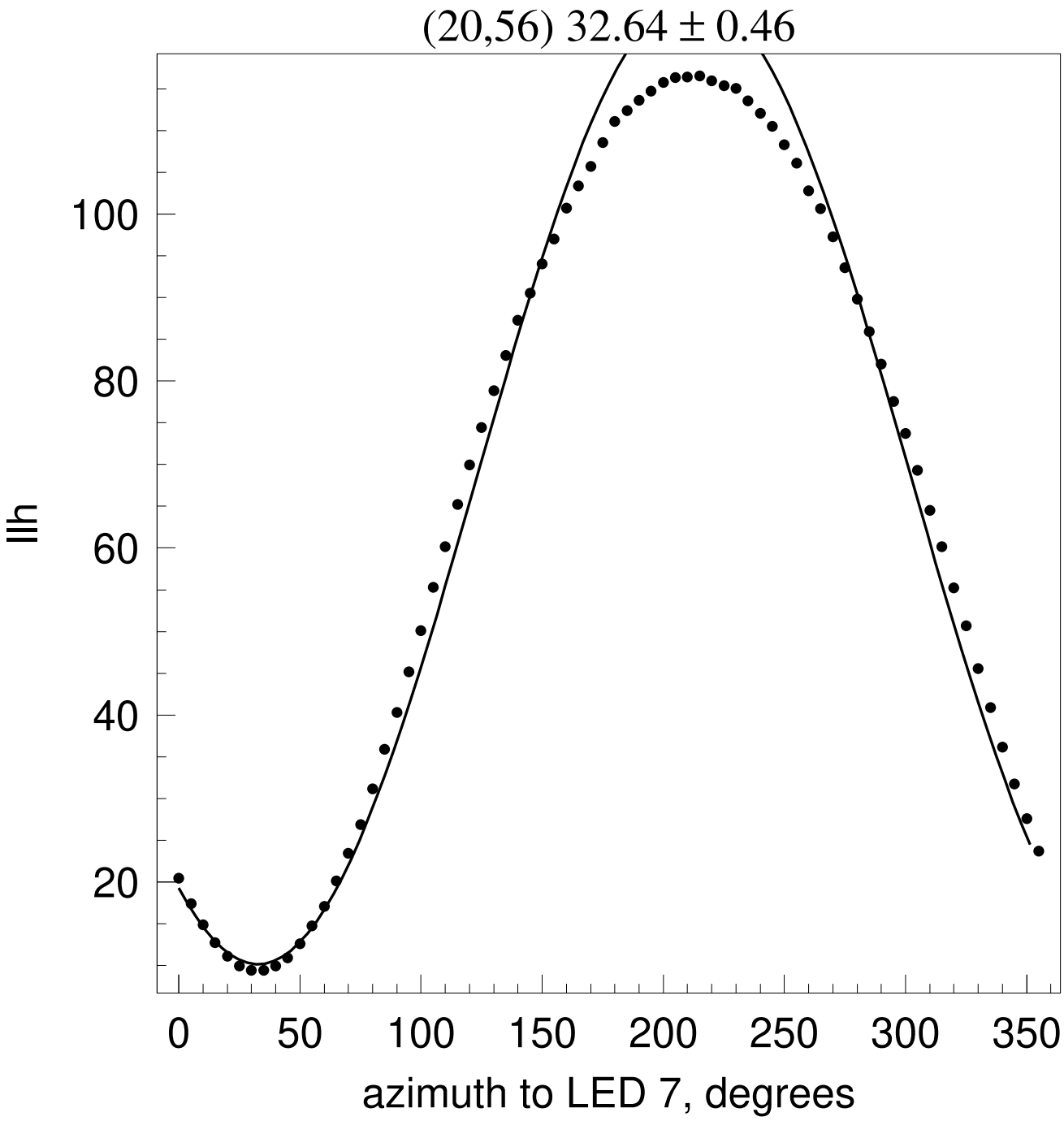

(20,51) 168.44 ± 0.74
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

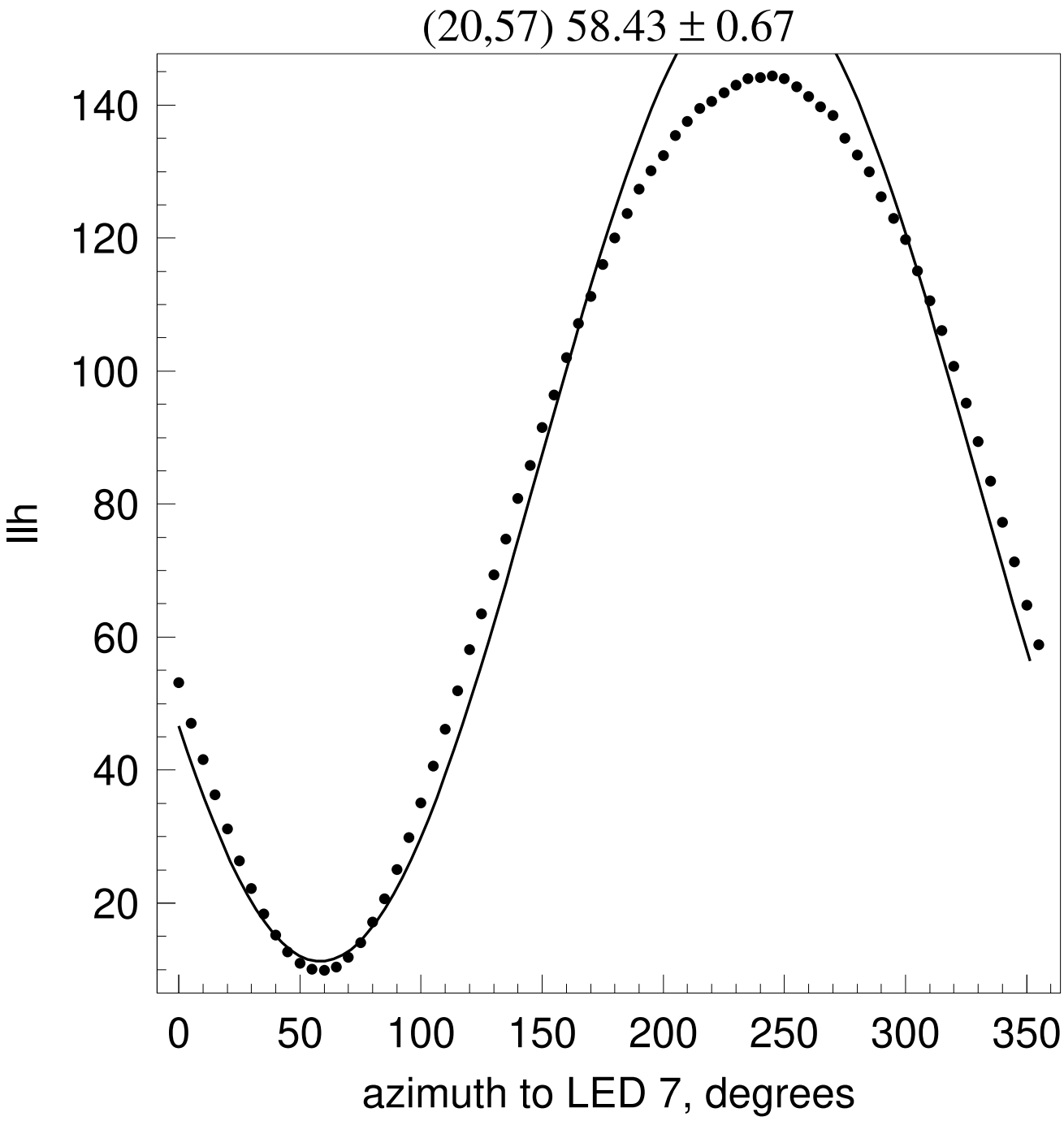

(20,52) 138.33 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

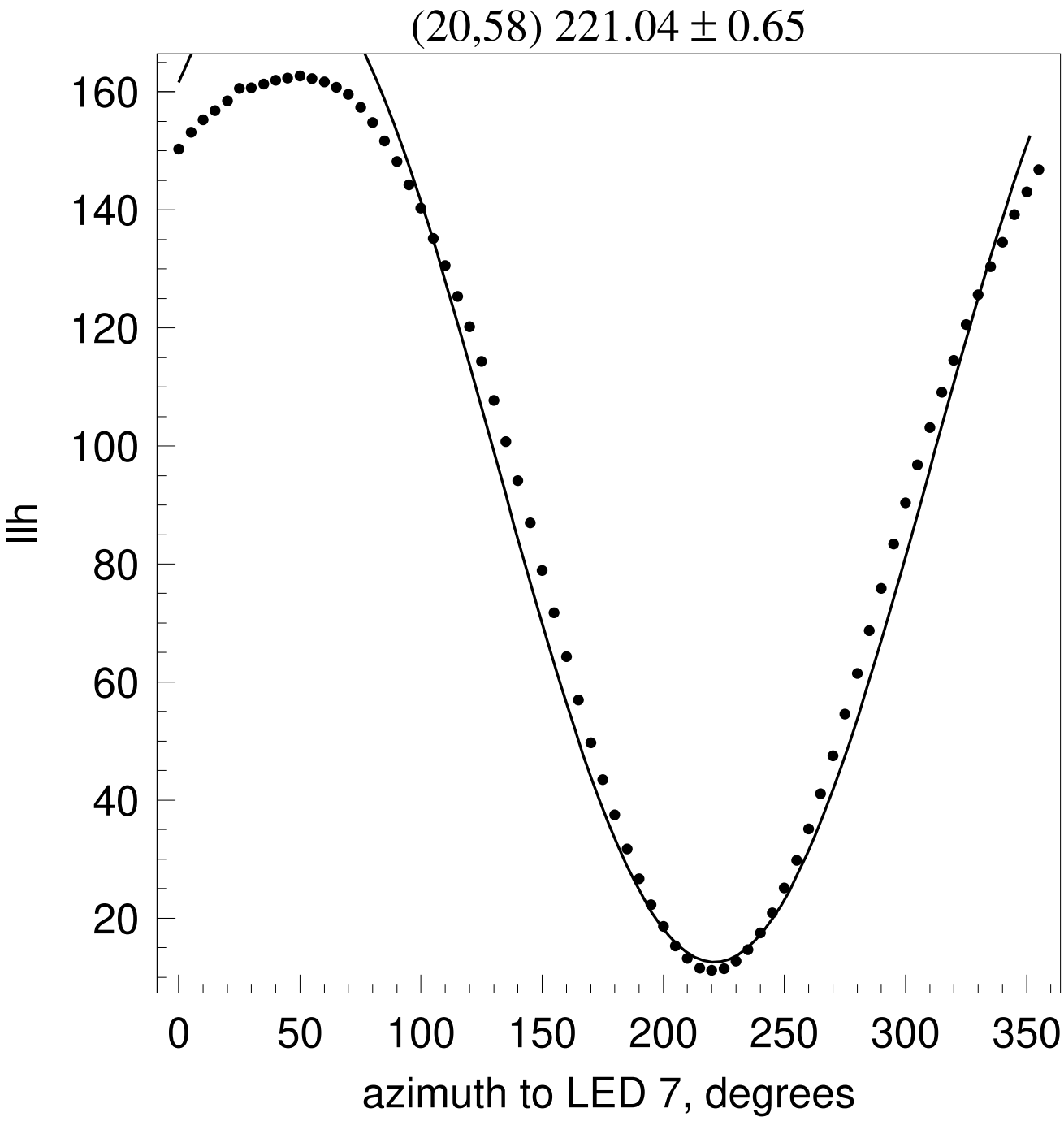

(20,53) 348.30 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

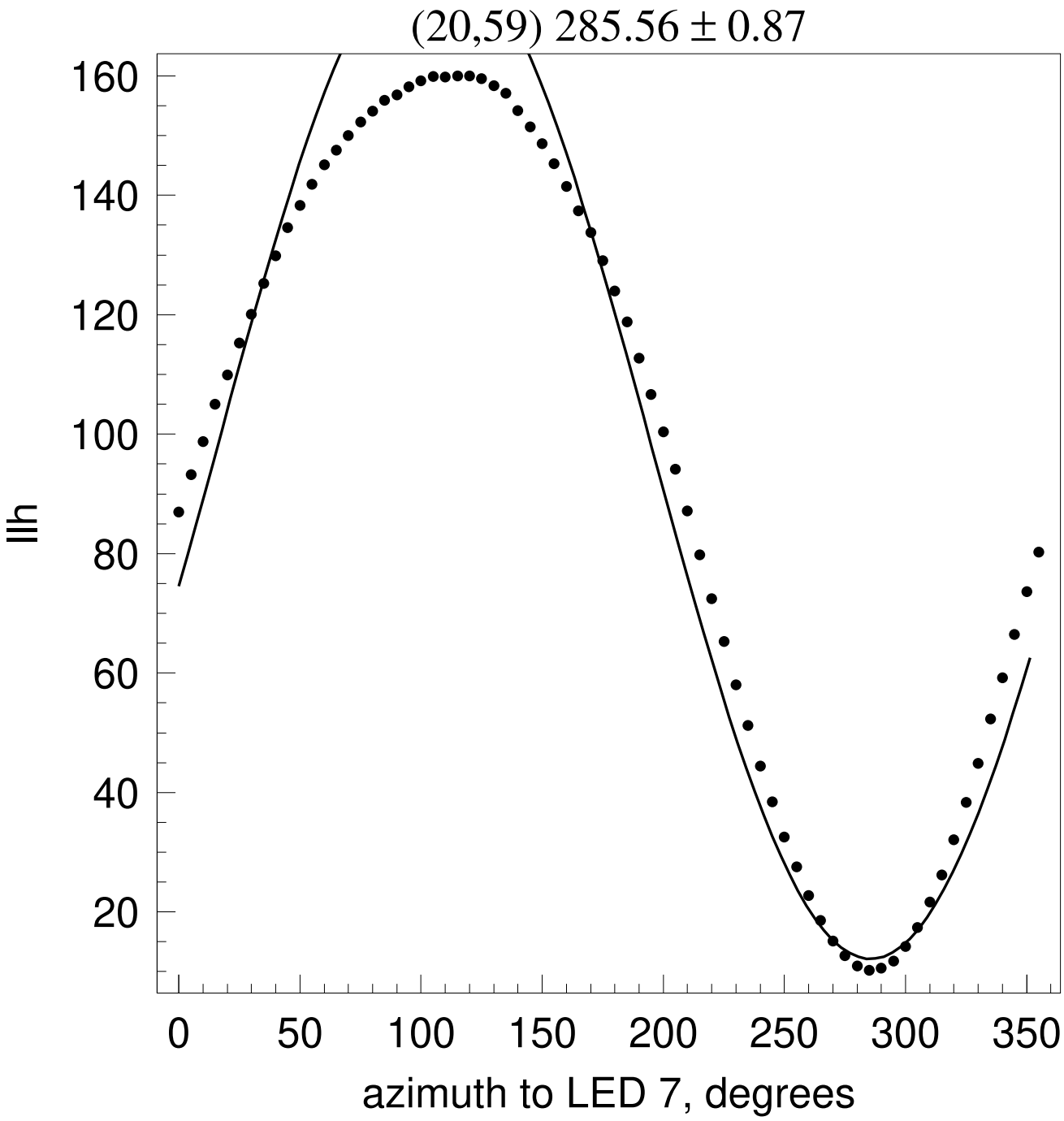

(20,54) 253.59 ± 0.22
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

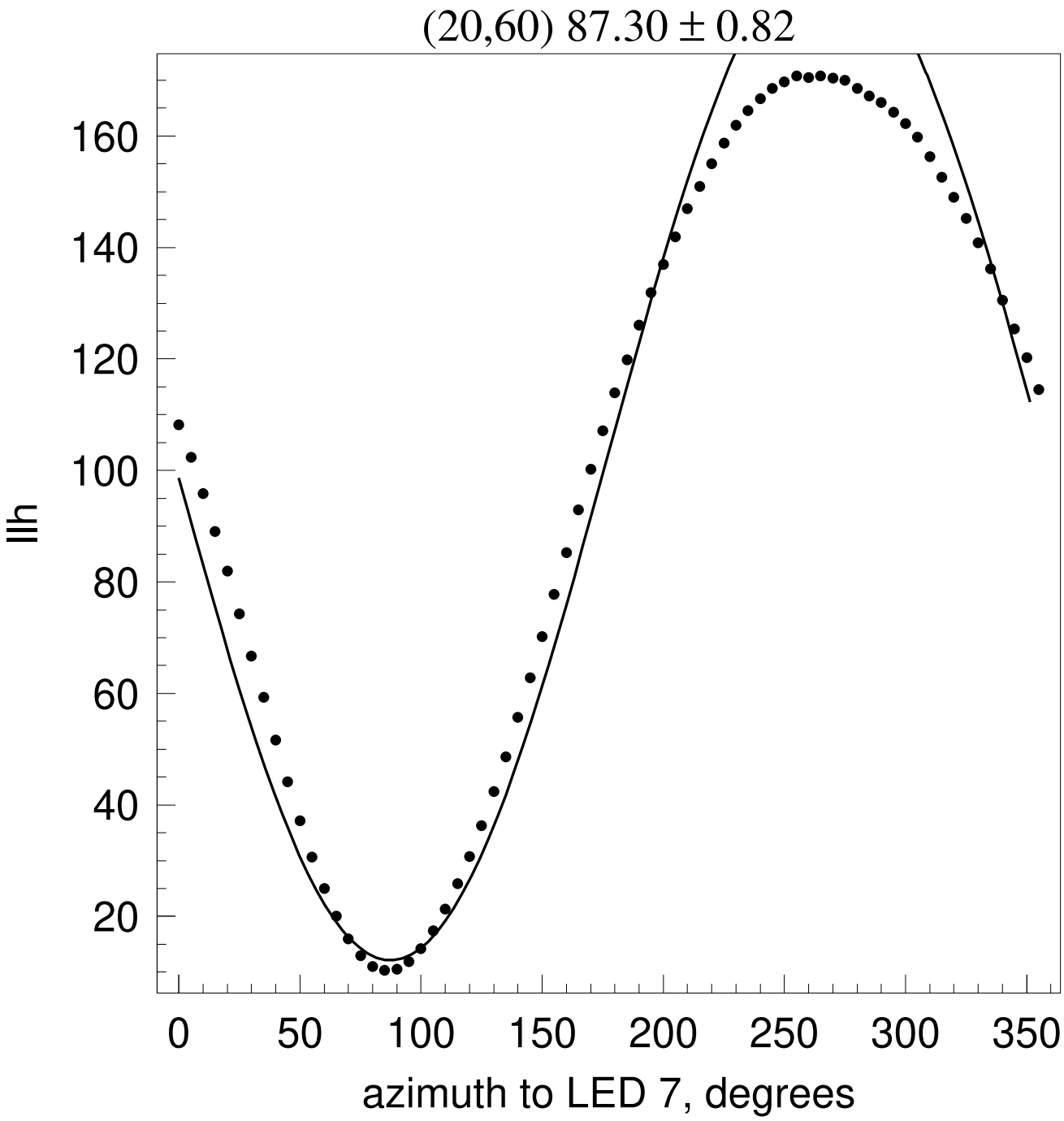

(20,55) 124.92 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

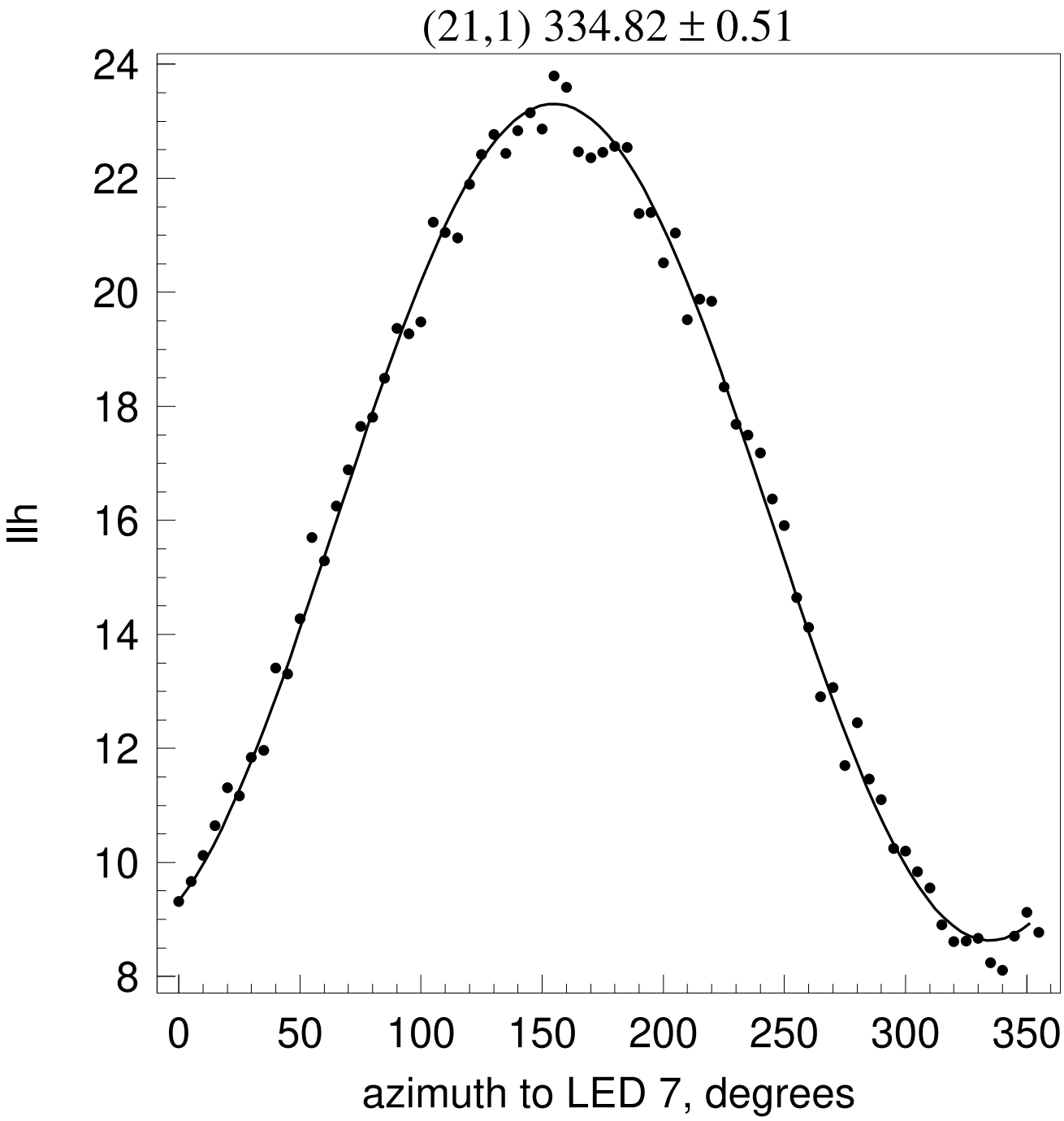

(20,56) 32.64 ± 0.46
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

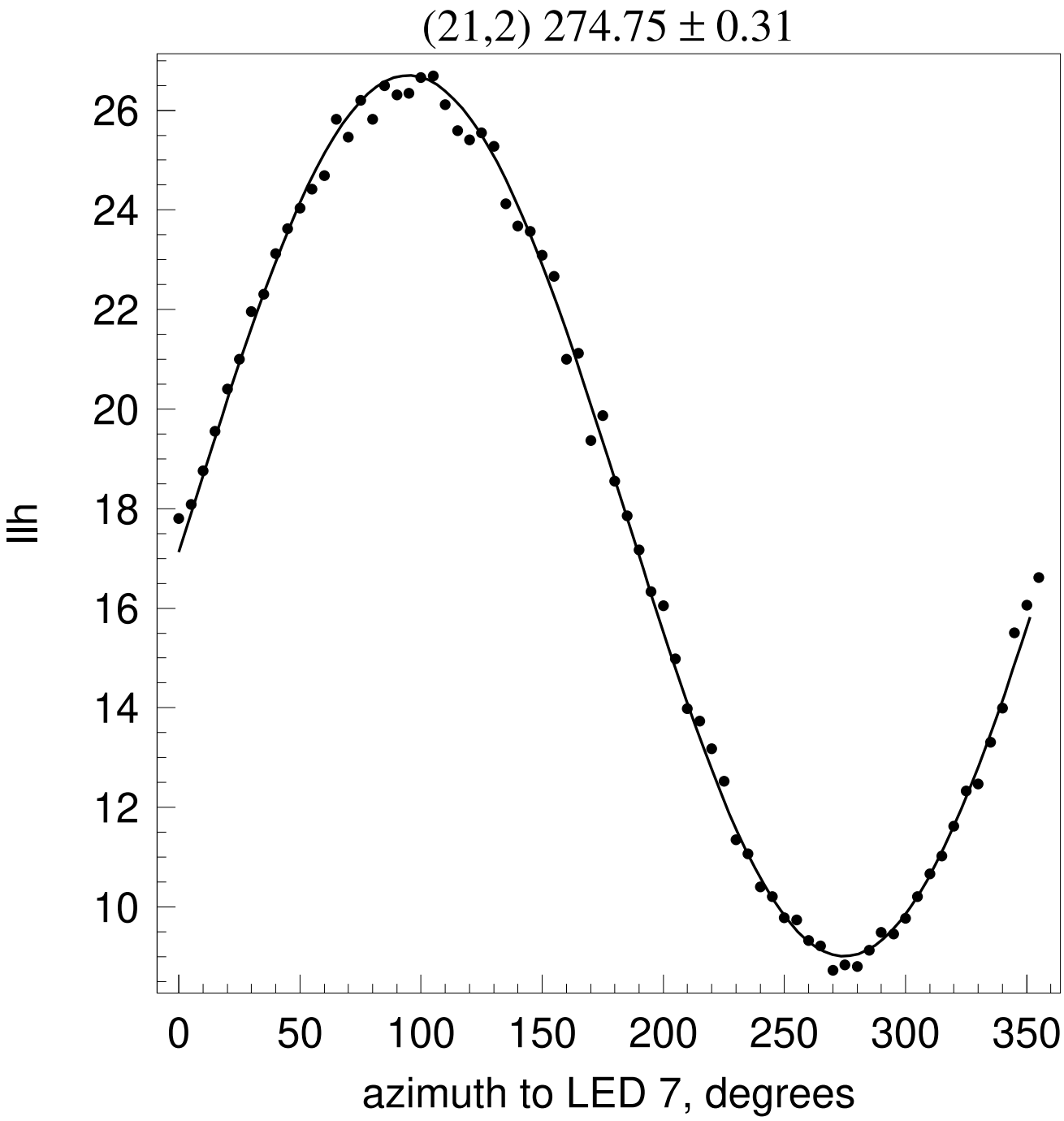

(20,57) 58.43 ± 0.67
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

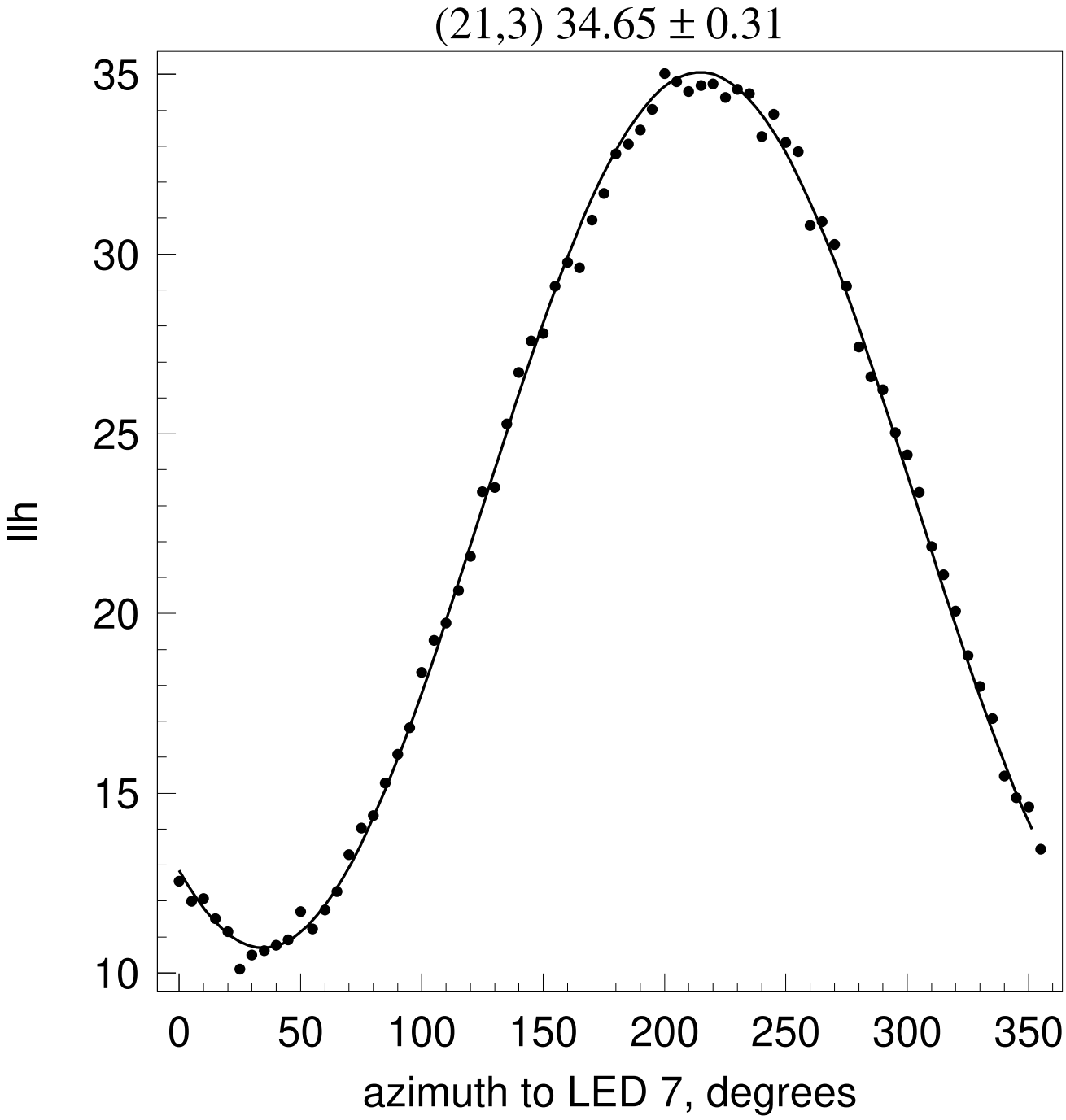

(20,58) 221.04 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

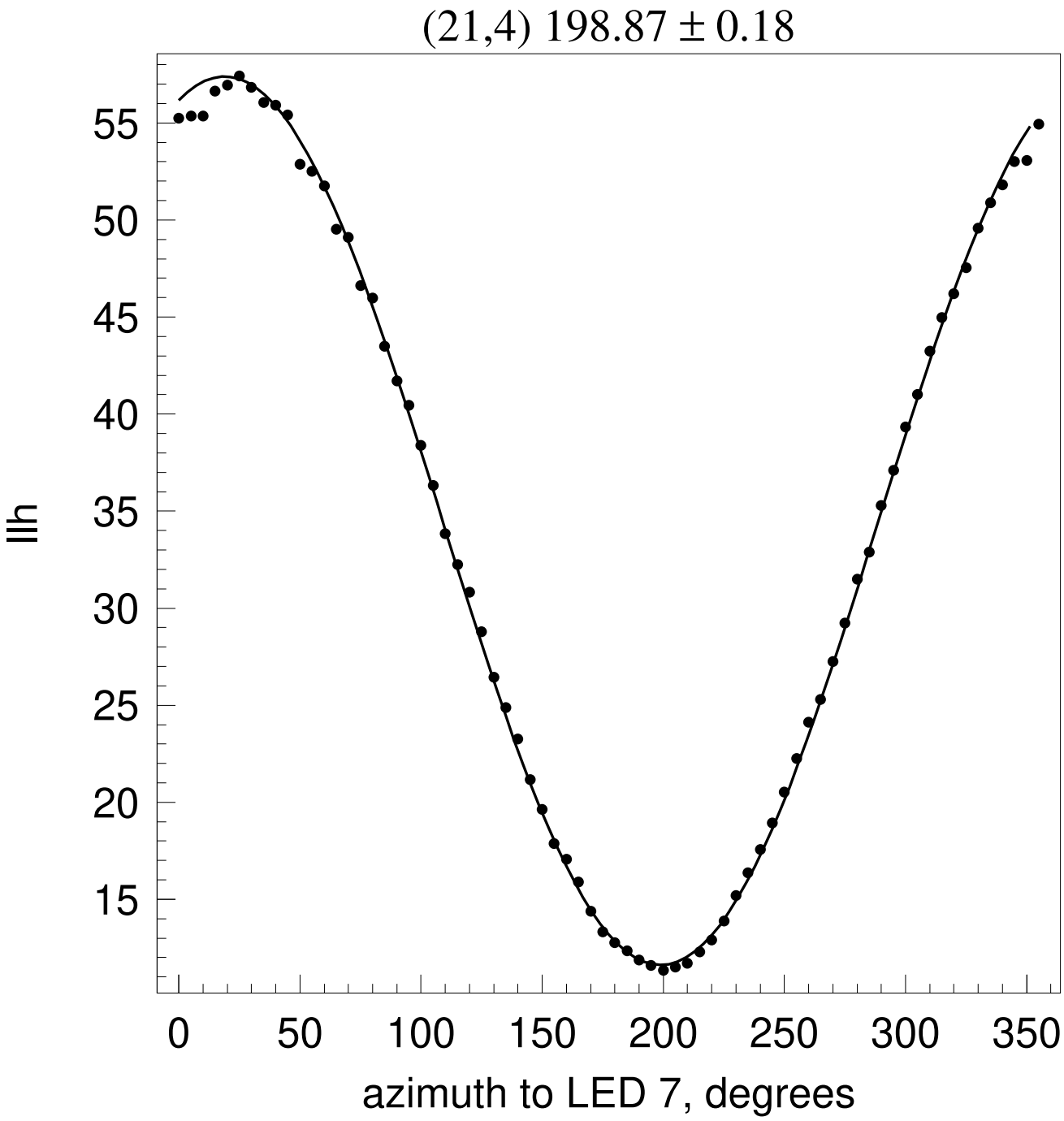

(20,59) 285.56 ± 0.87
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

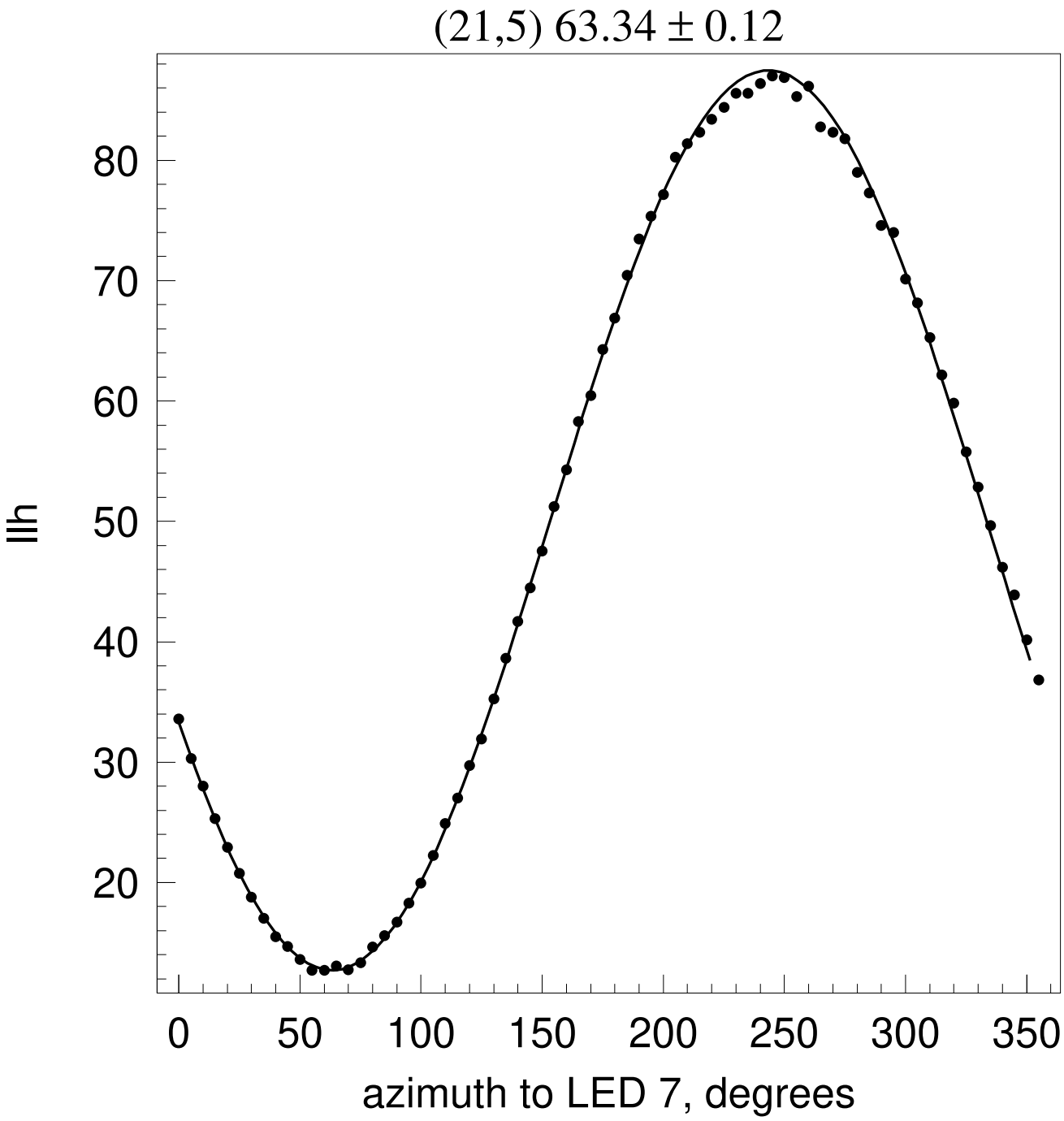

(20,60) 87.30 ± 0.82
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

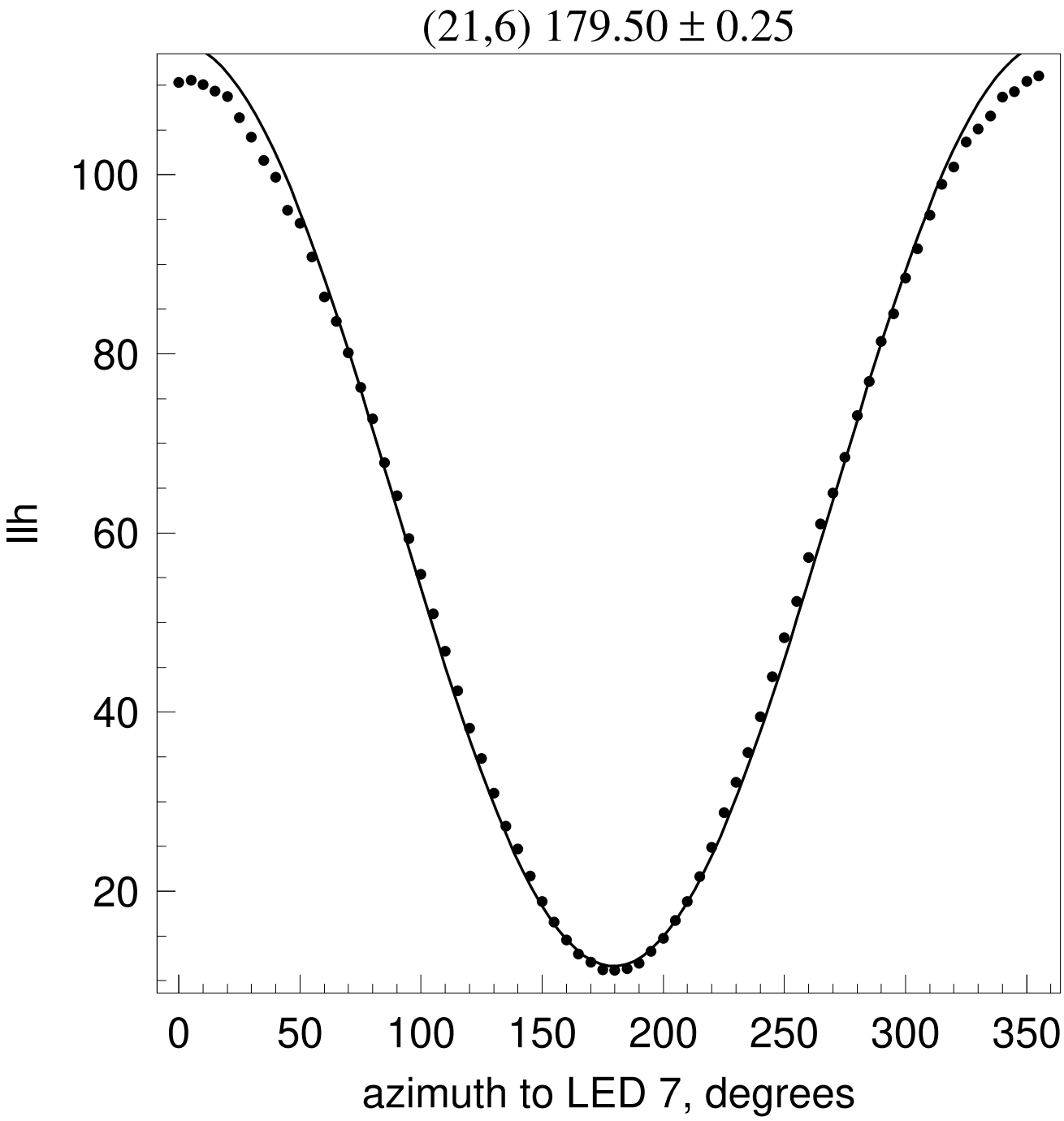

(21,1) 334.82 ± 0.51
24
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

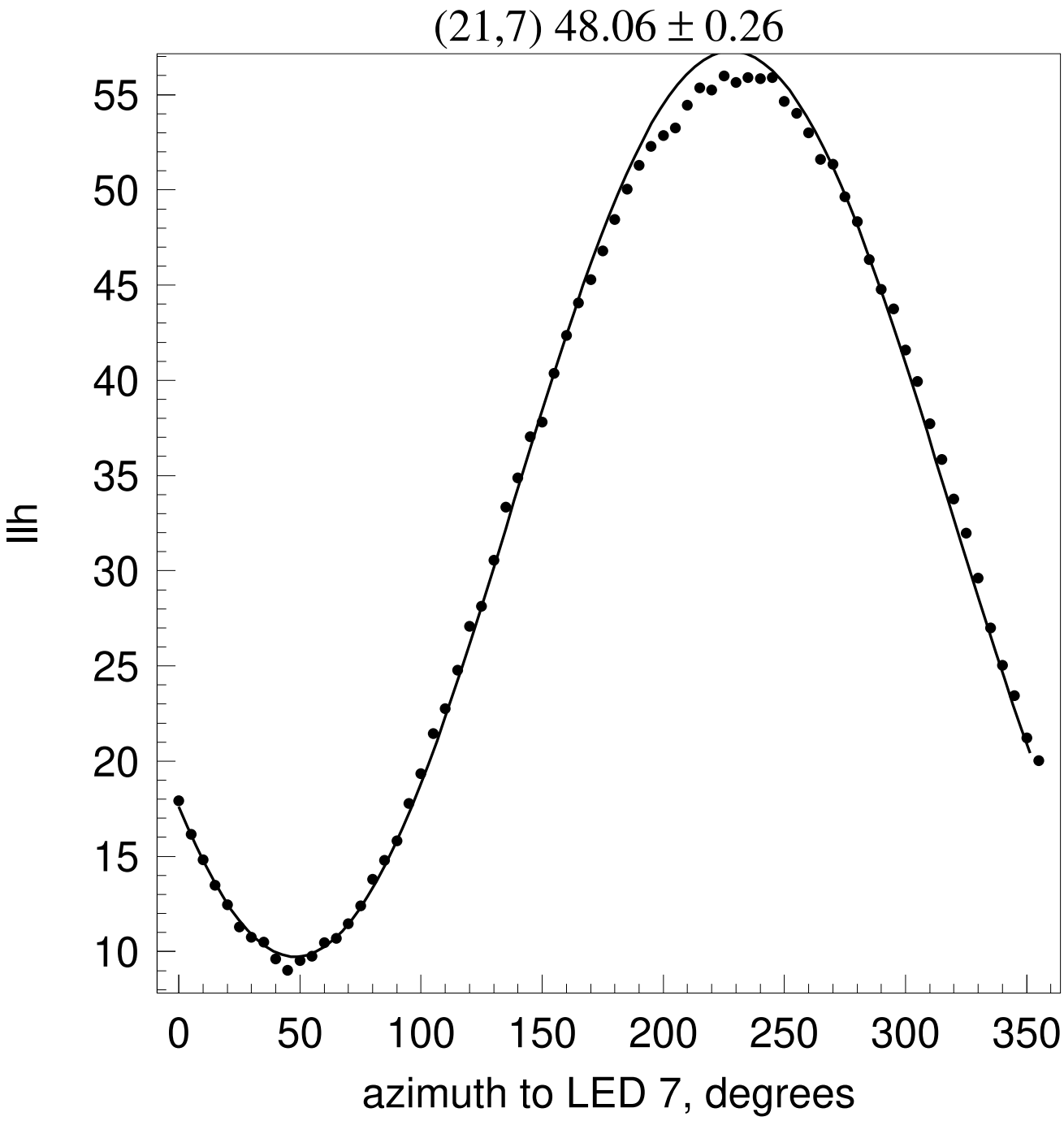

(21,2) 274.75 ± 0.31
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

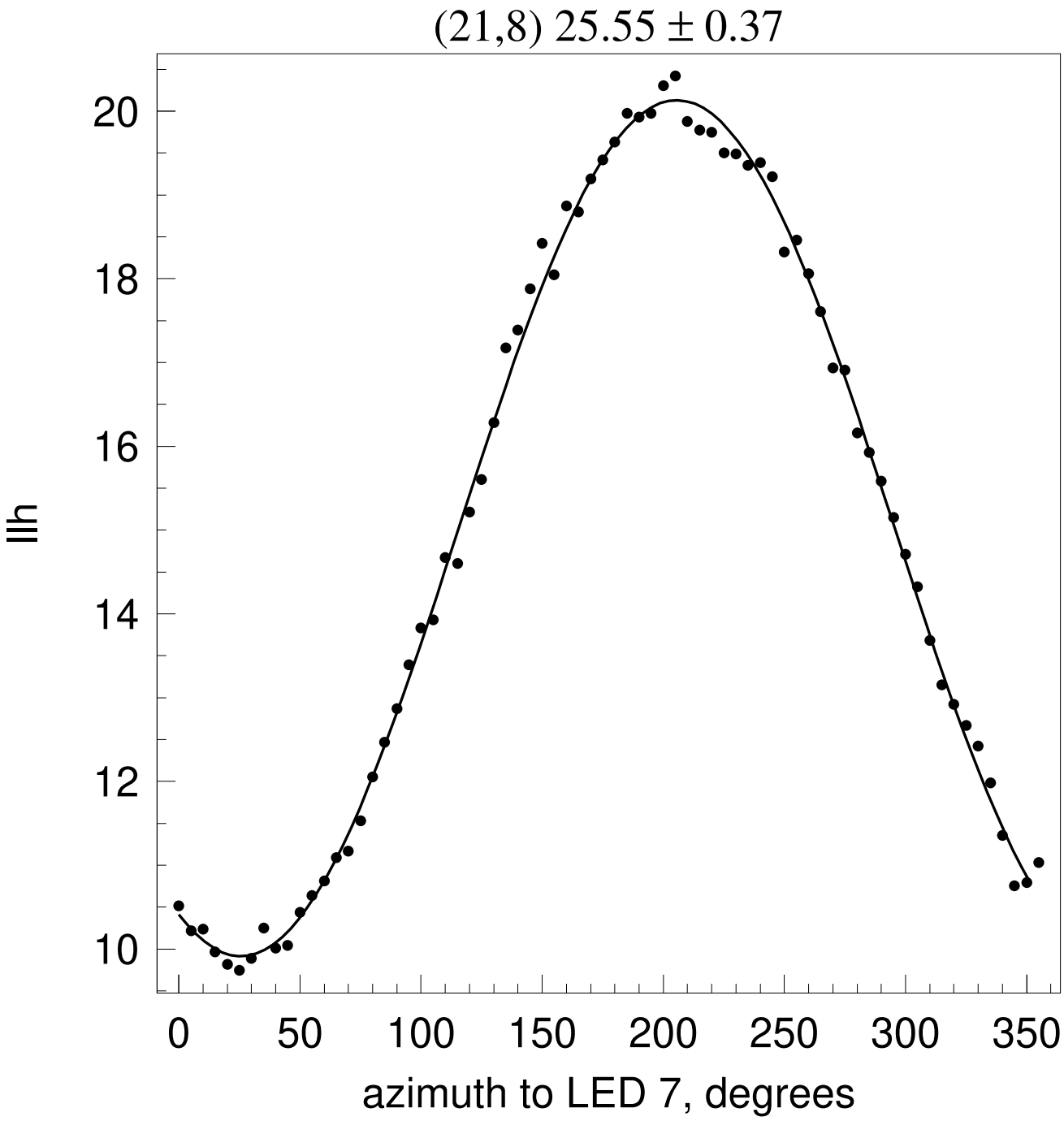

(21,3) 34.65 ± 0.31
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

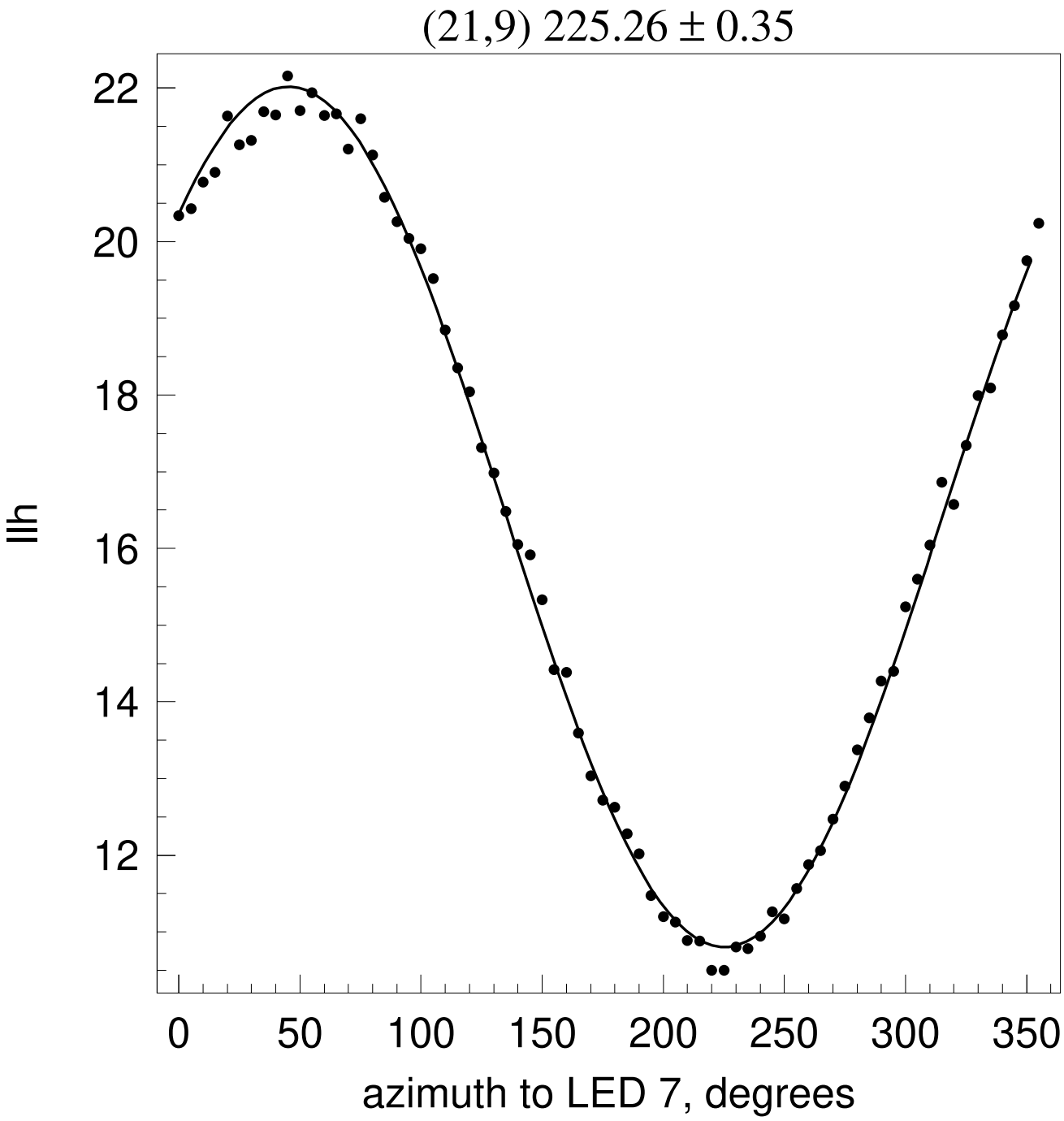

(21,4) 198.87 ± 0.18
55
50
45
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

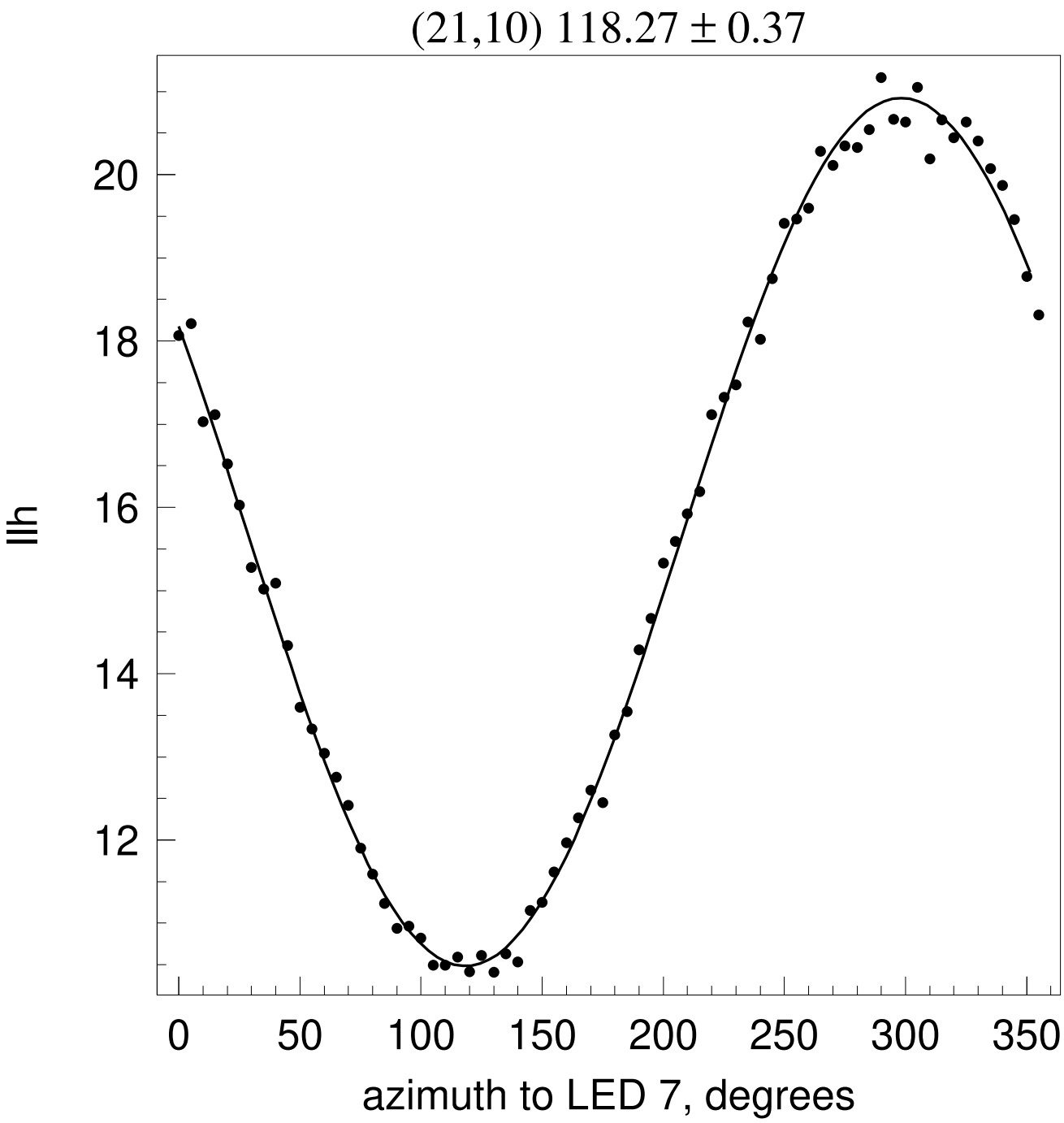

(21,5) 63.34 ± 0.12
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

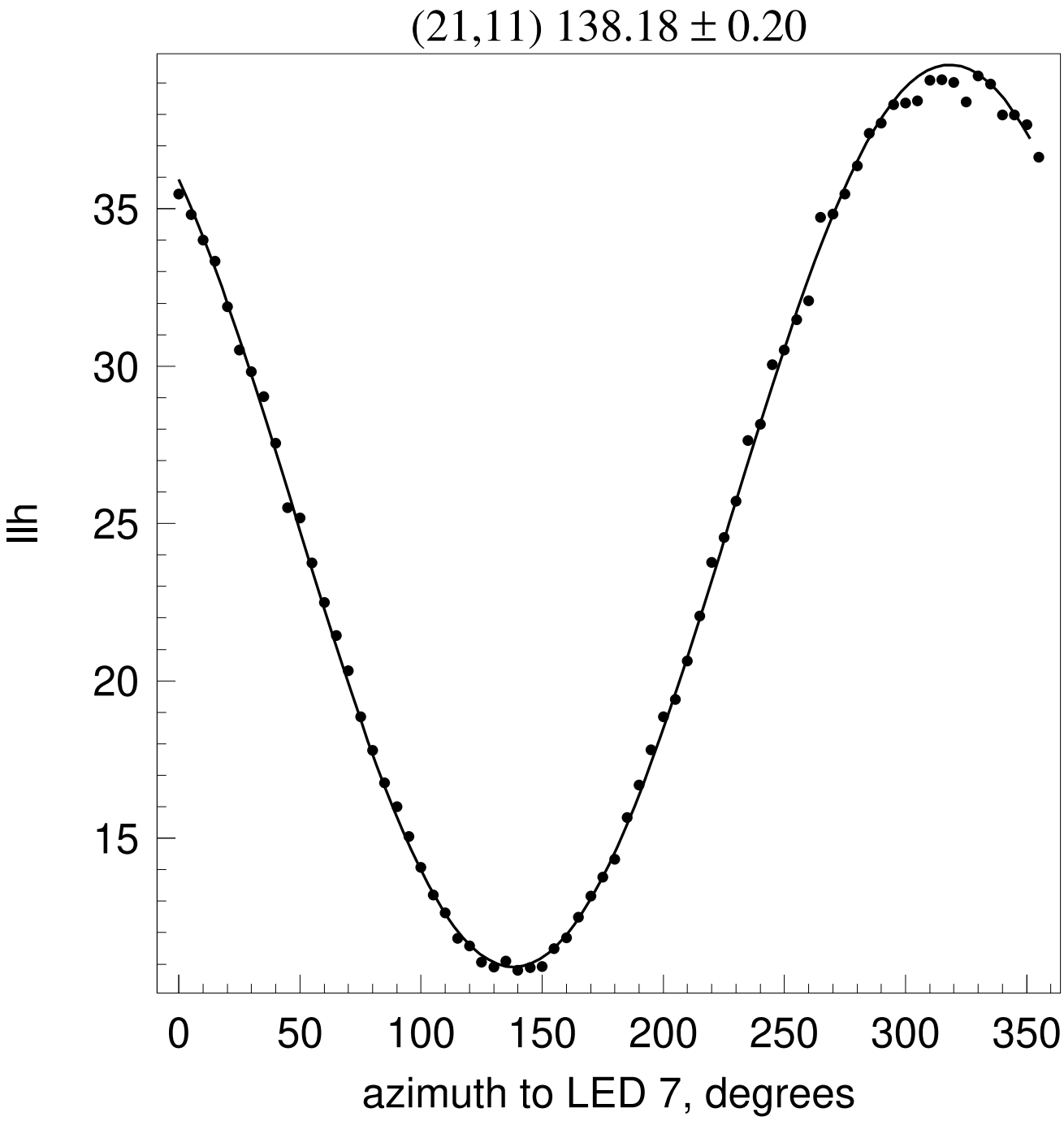

(21,6) 179.50 ± 0.25
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

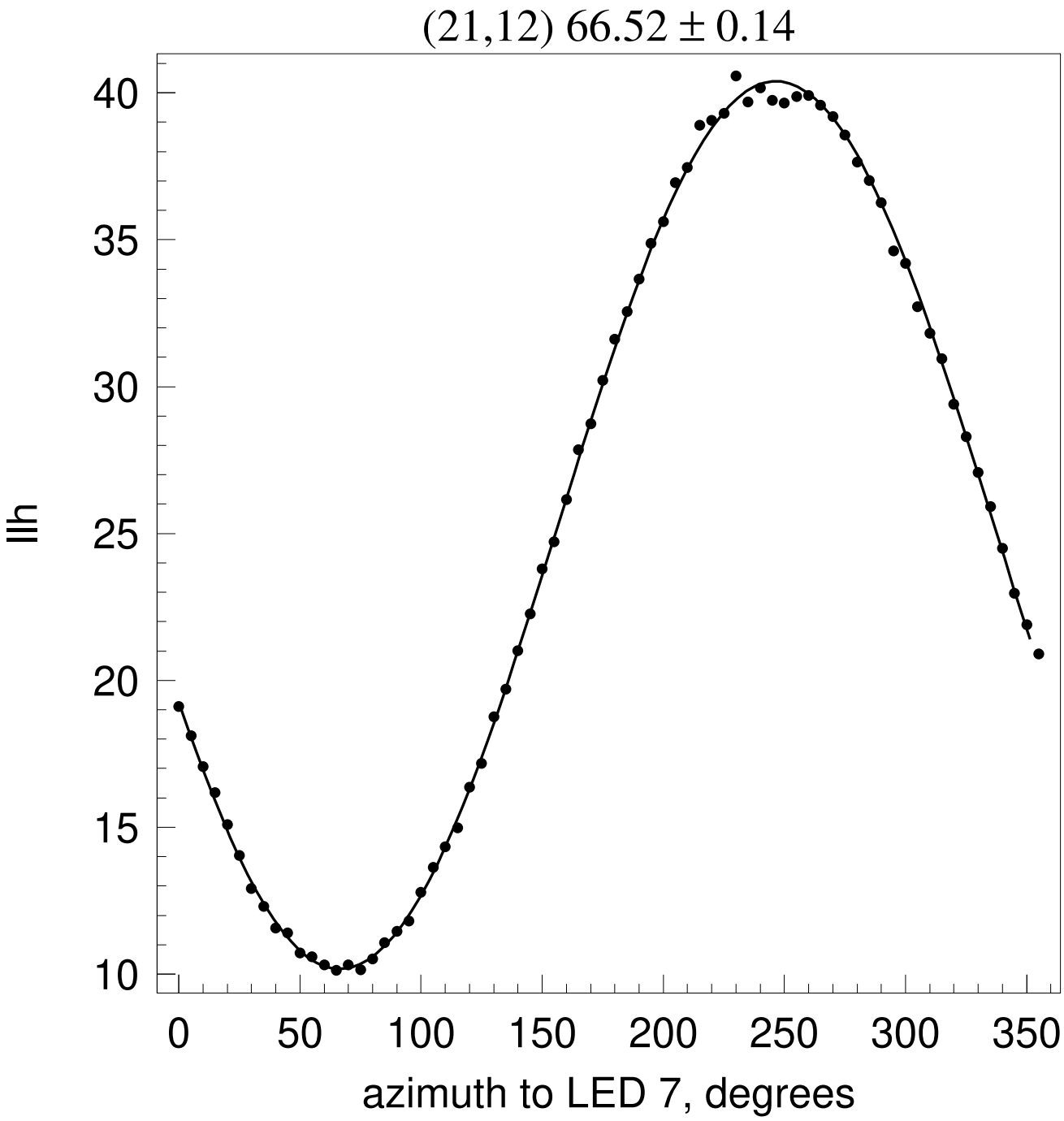

(21,7) 48.06 ± 0.26
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

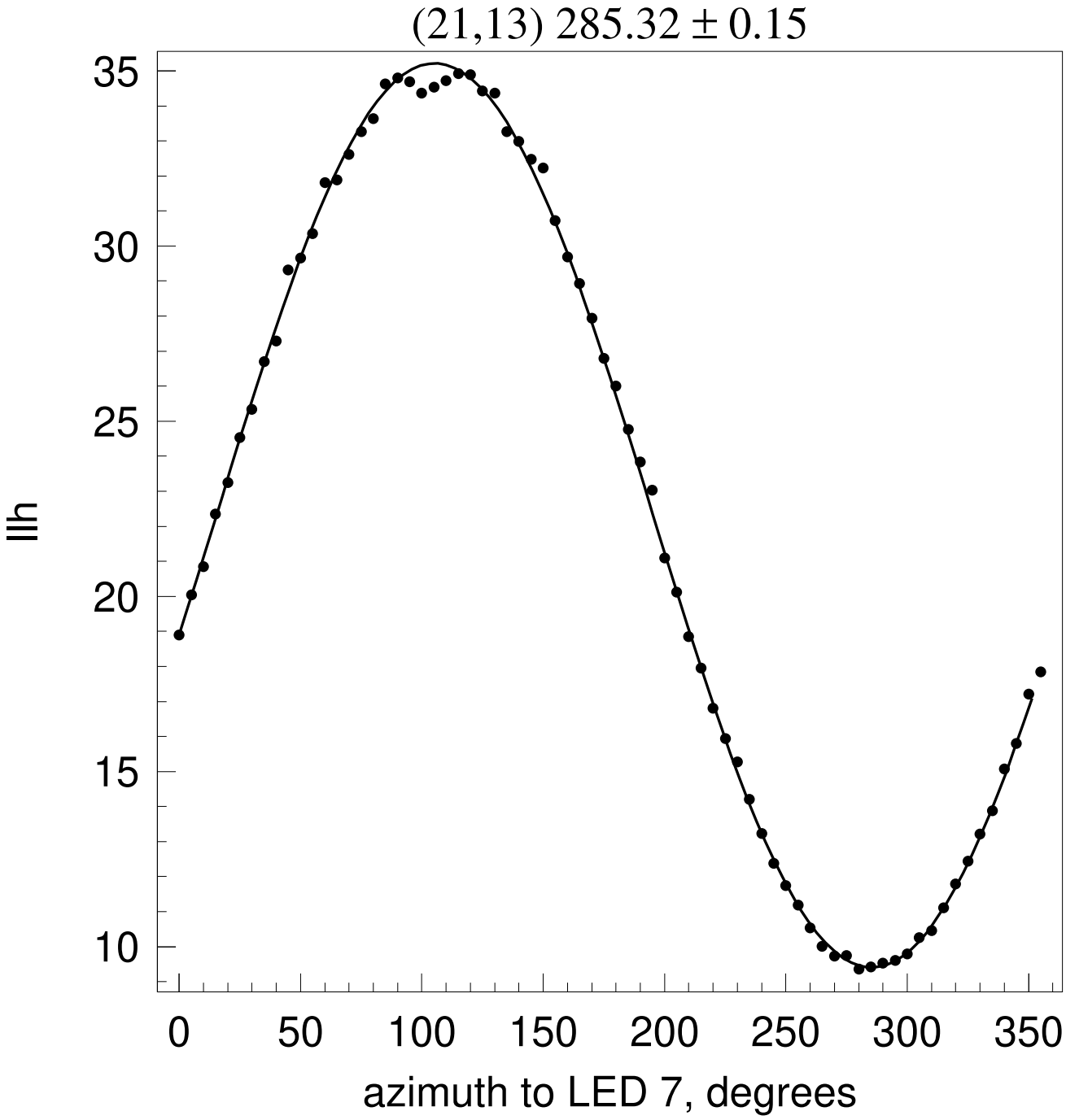

(21,8) 25.55 ± 0.37
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

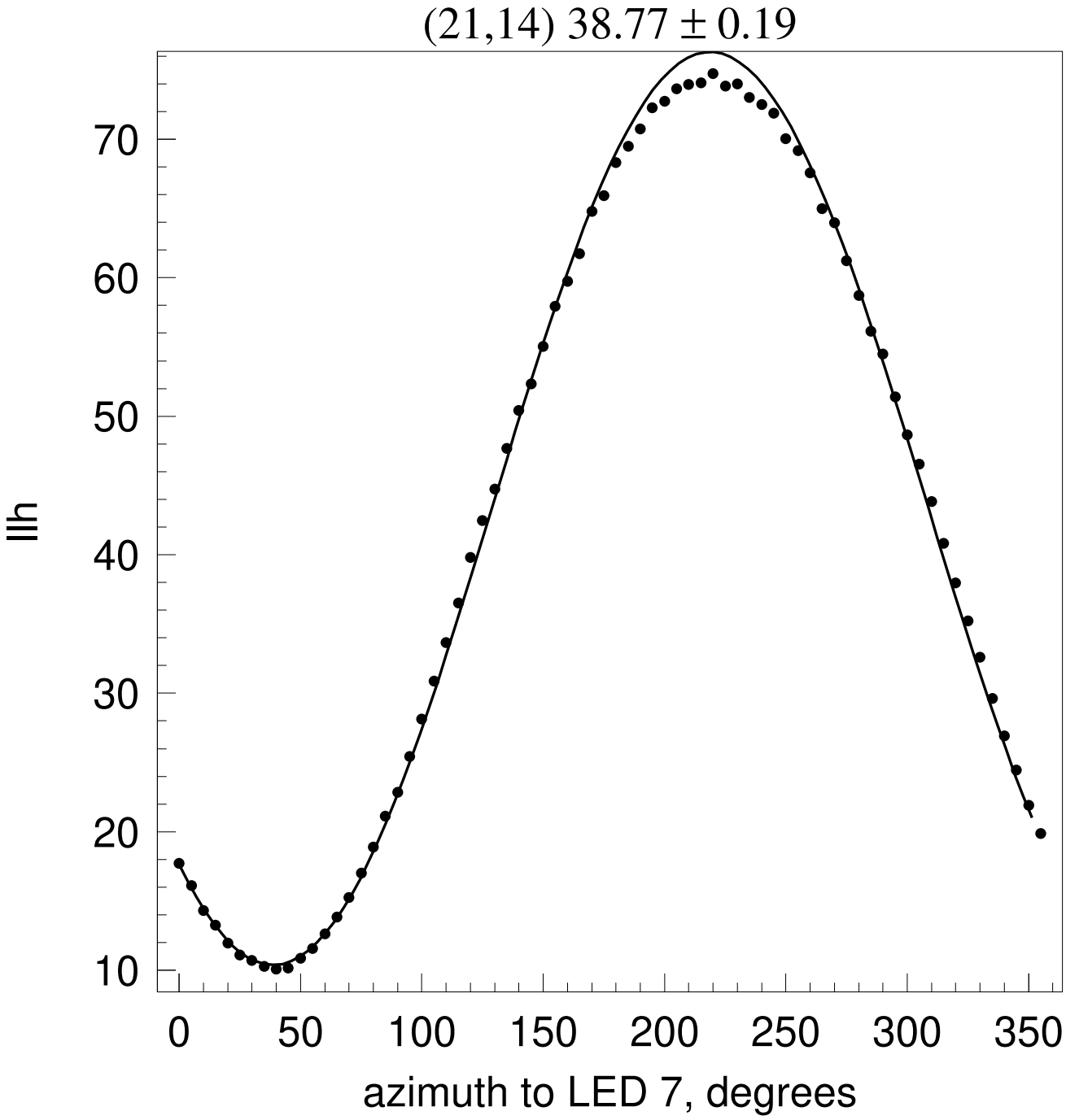

(21,9) 225.26 ± 0.35
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

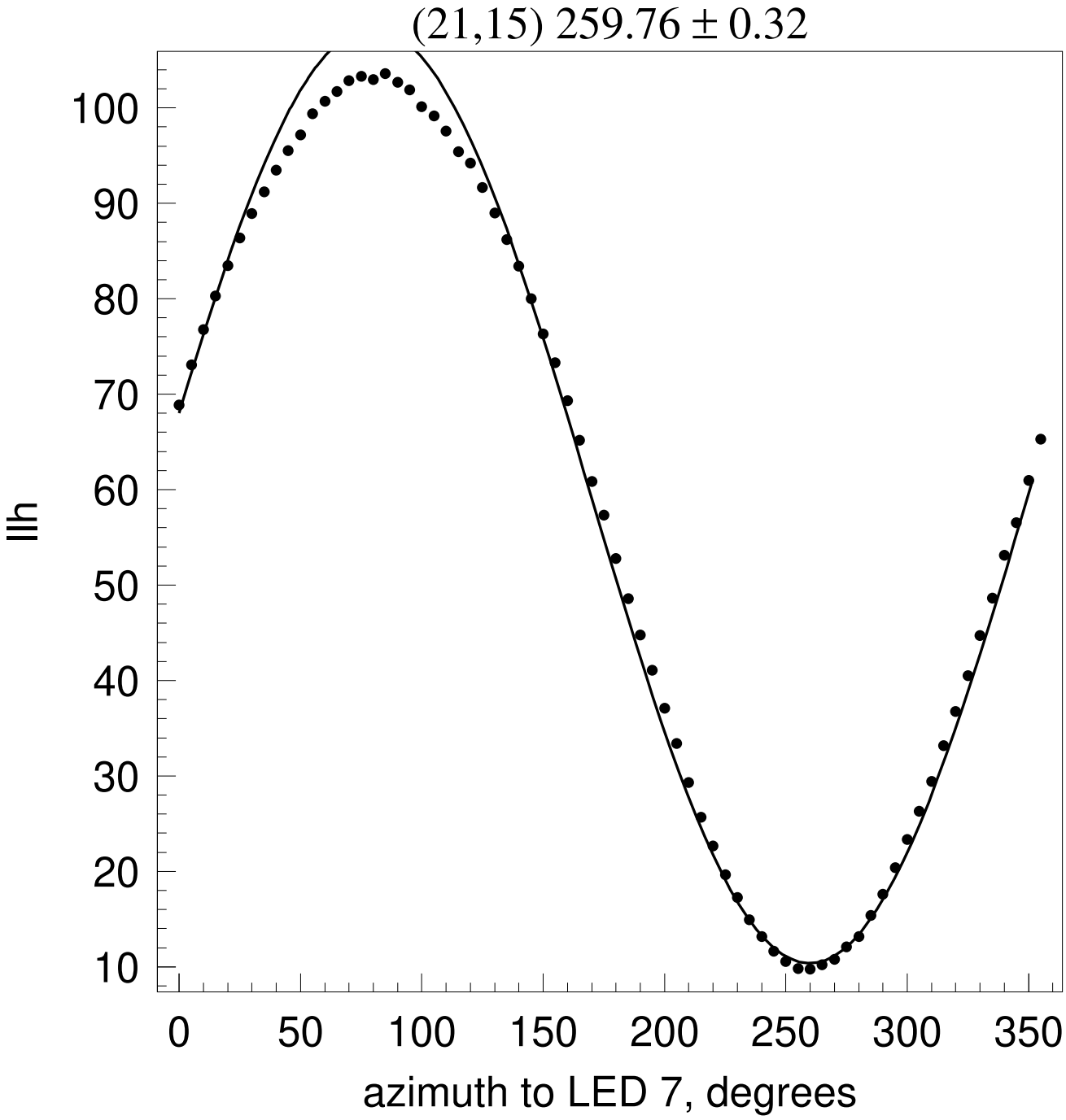

(21,10) 118.27 ± 0.37
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

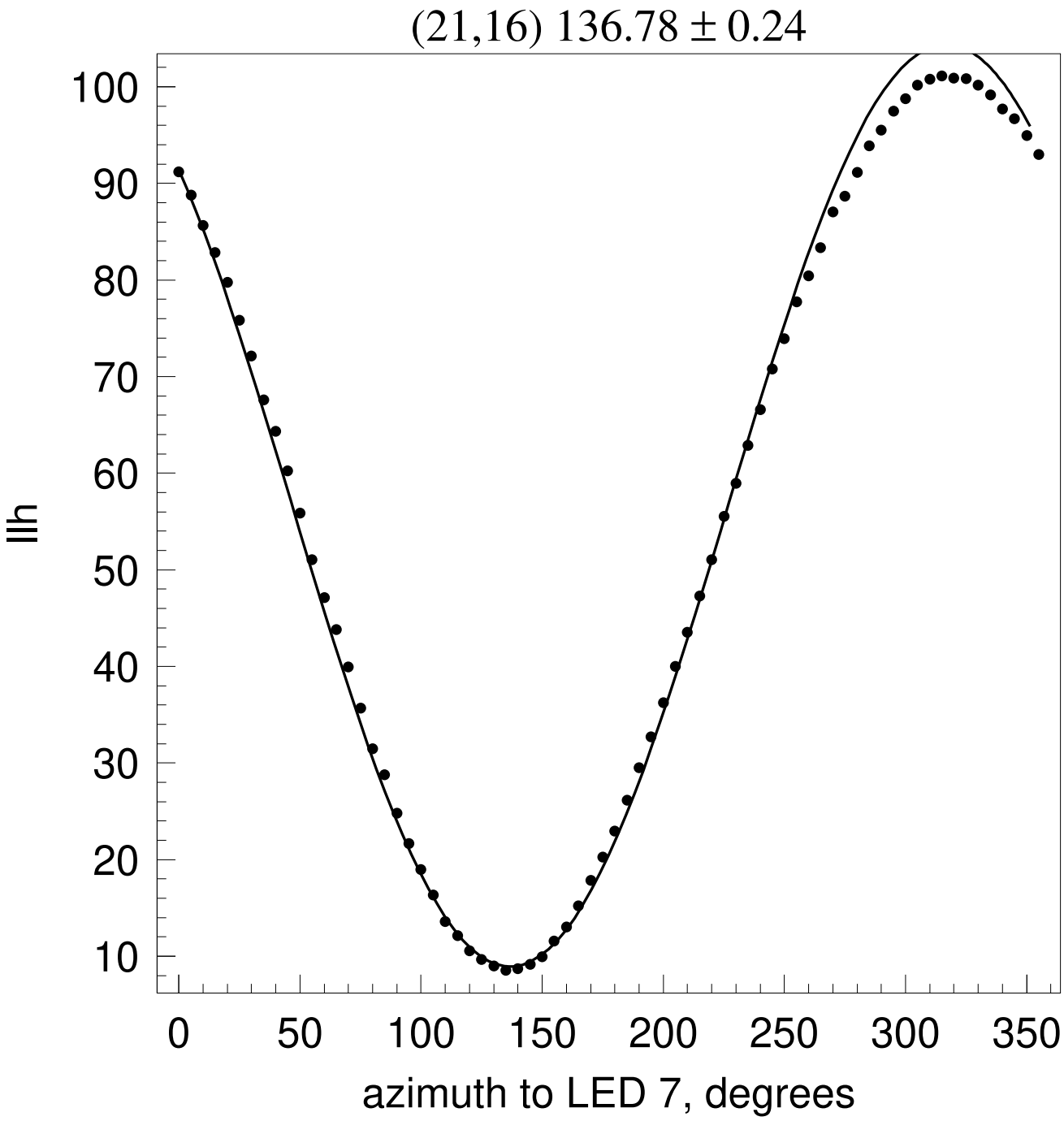

(21,11) 138.18 ± 0.20
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

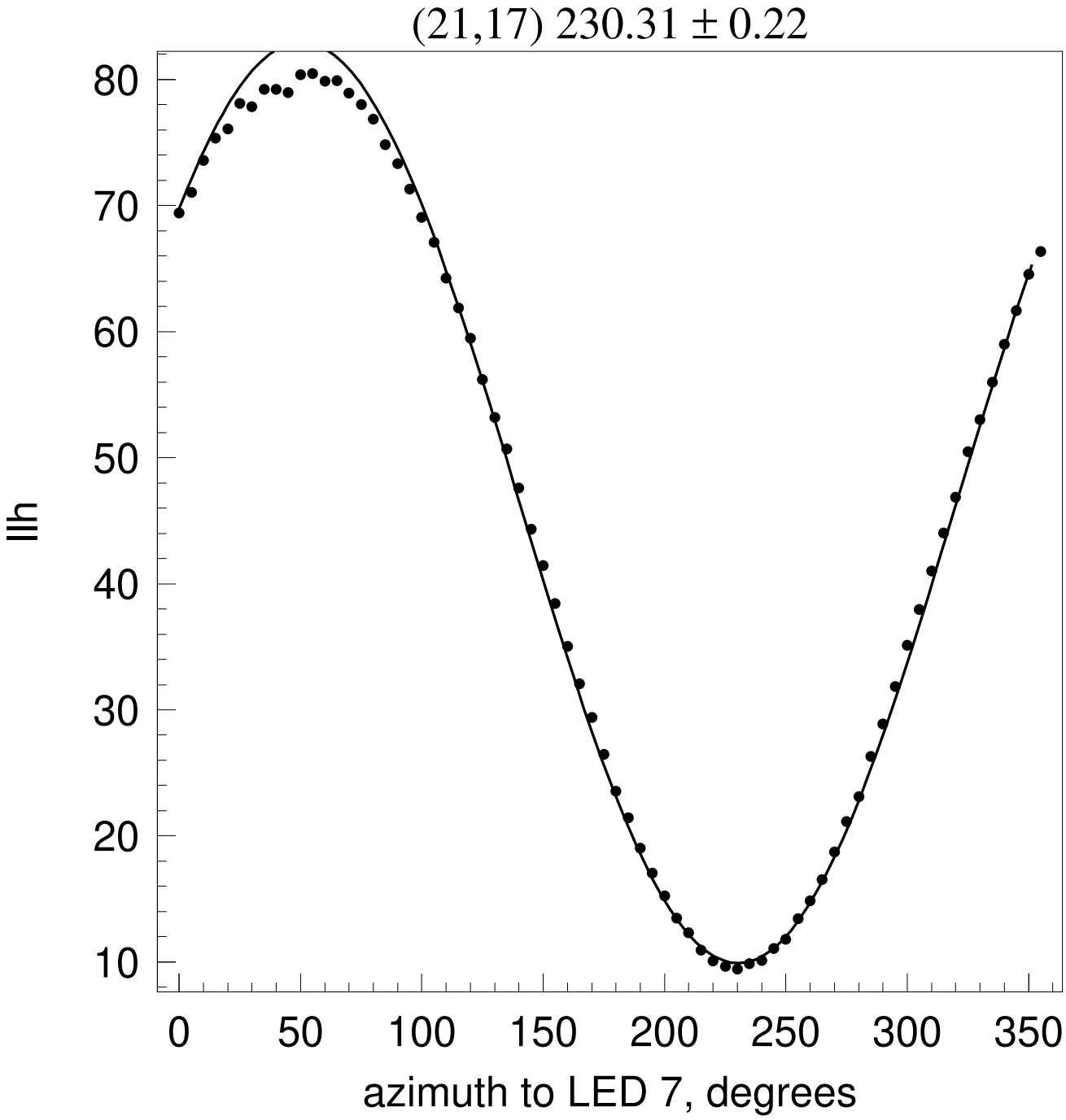

(21,12) 66.52 ± 0.14
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

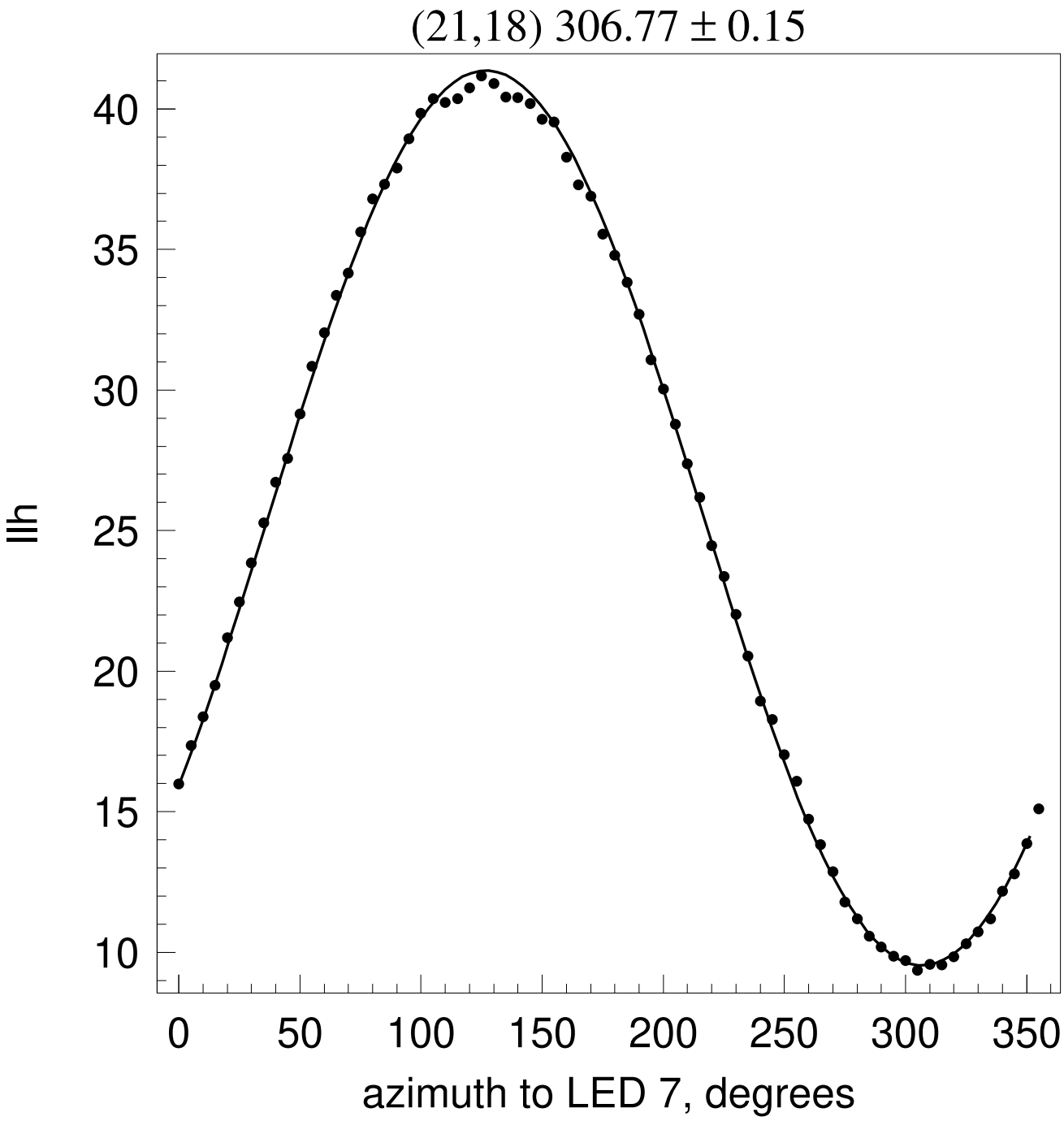

(21,13) 285.32 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

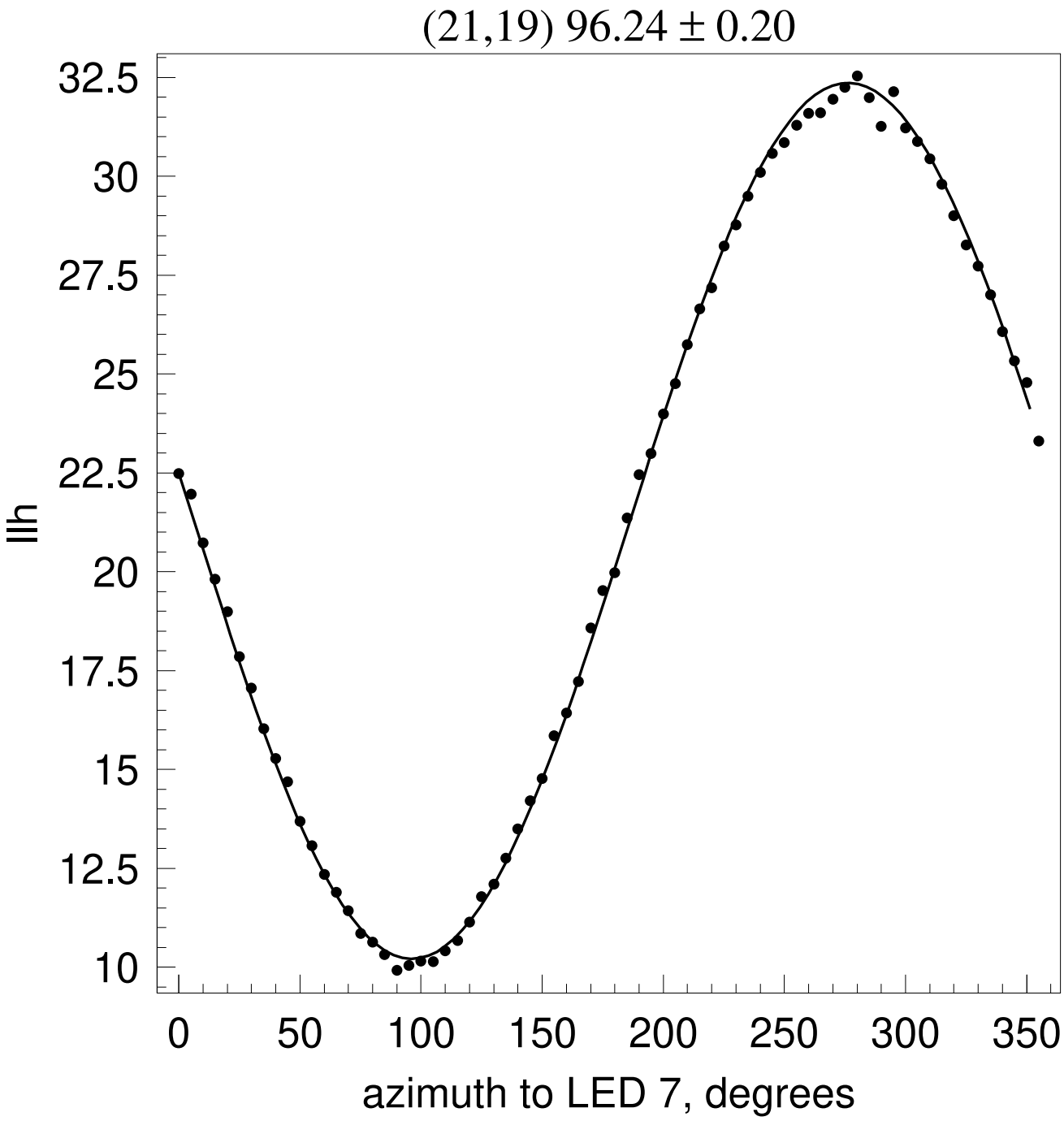

(21,14) 38.77 ± 0.19
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

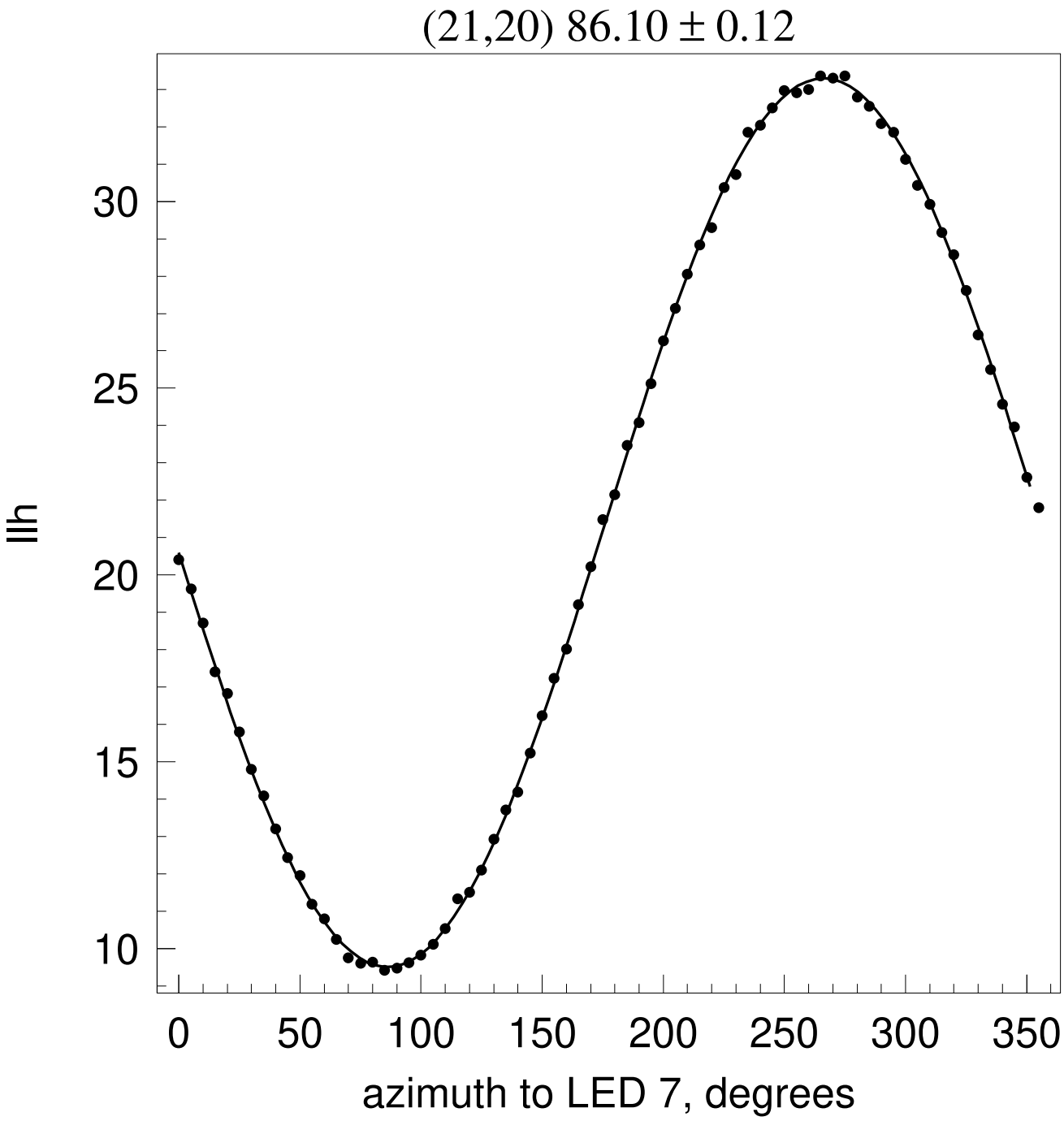

(21,15) 259.76 ± 0.32
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

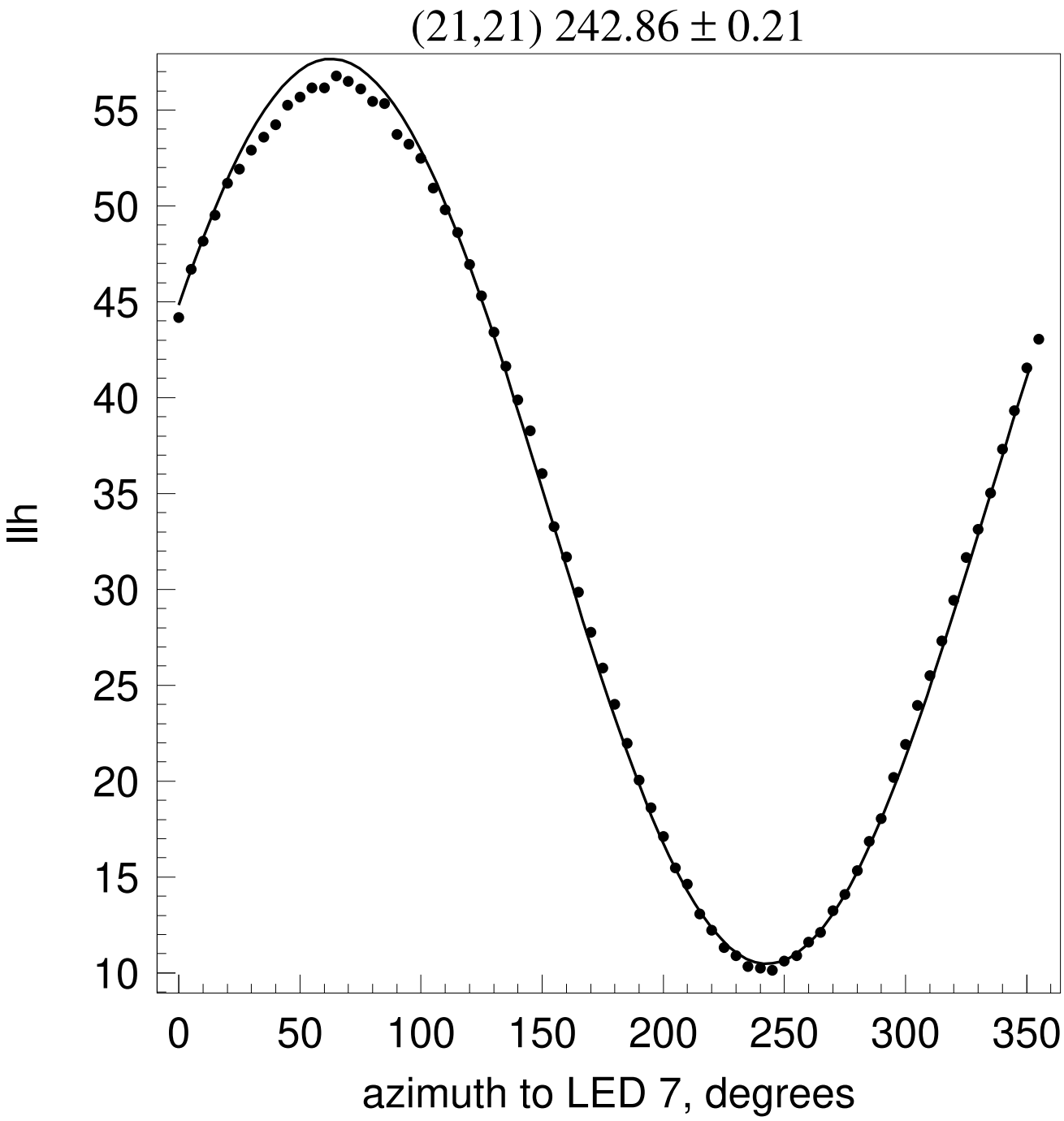

(21,16) 136.78 ± 0.24
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

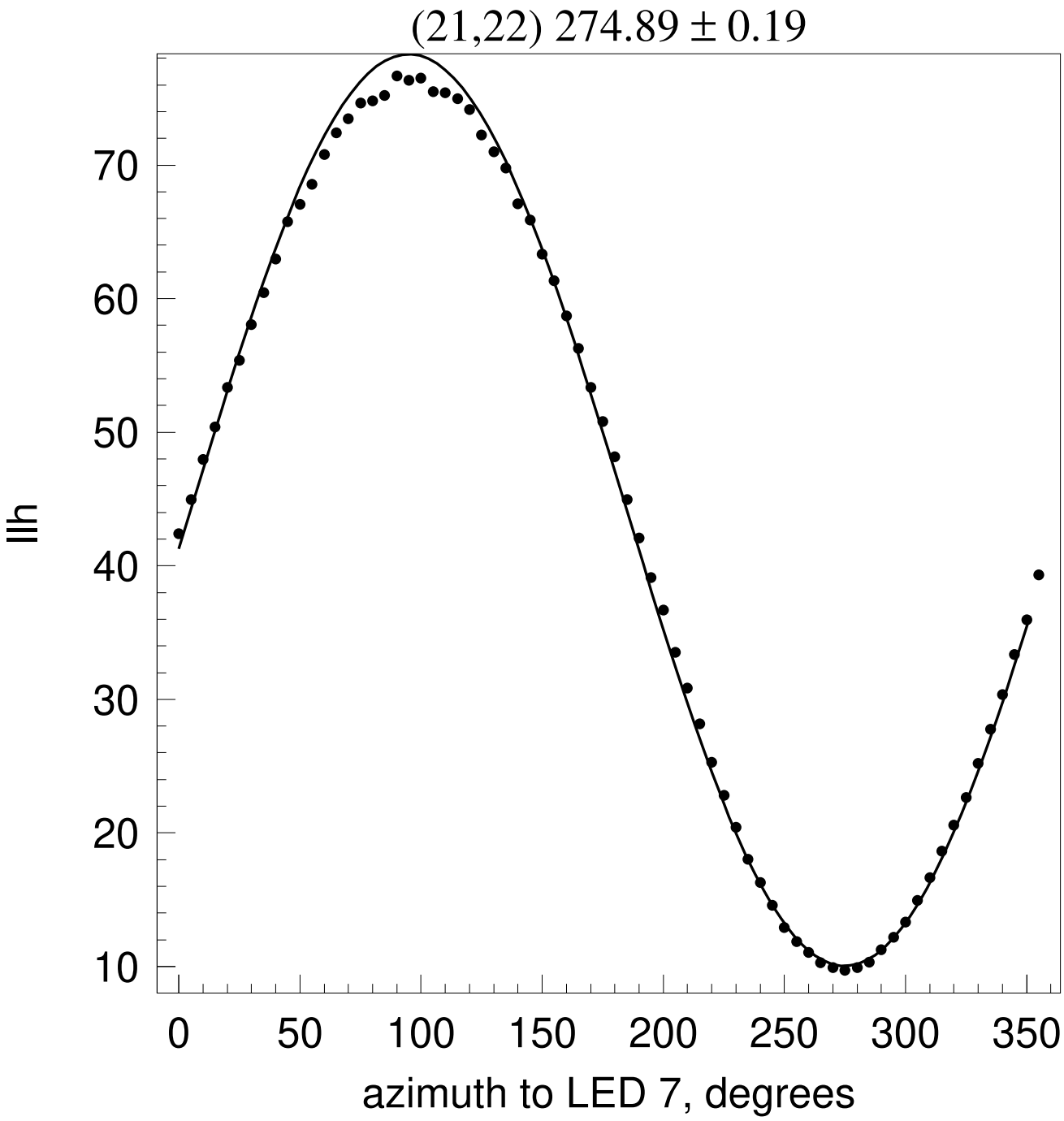

(21,17) 230.31 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

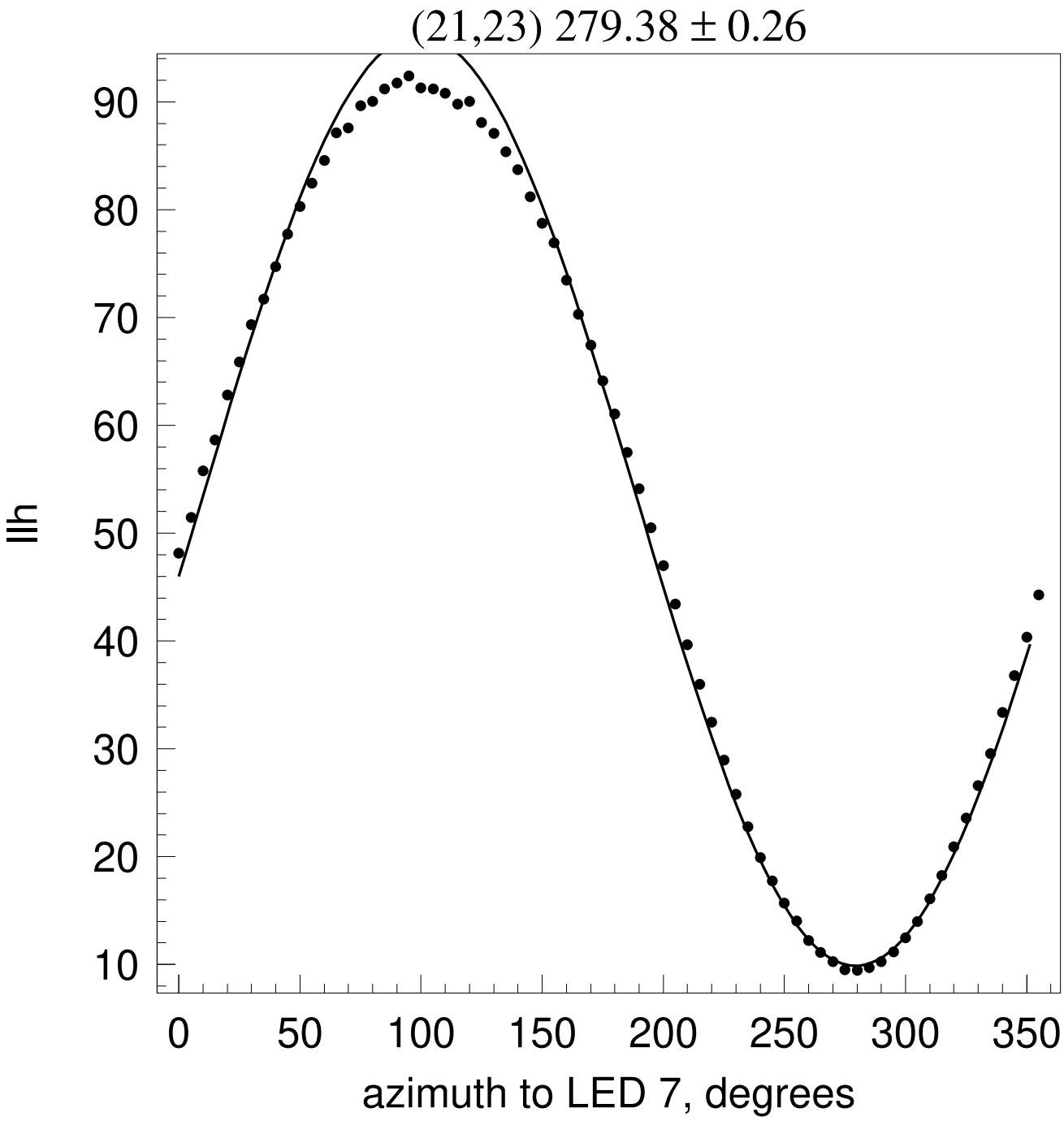

(21,18) 306.77 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

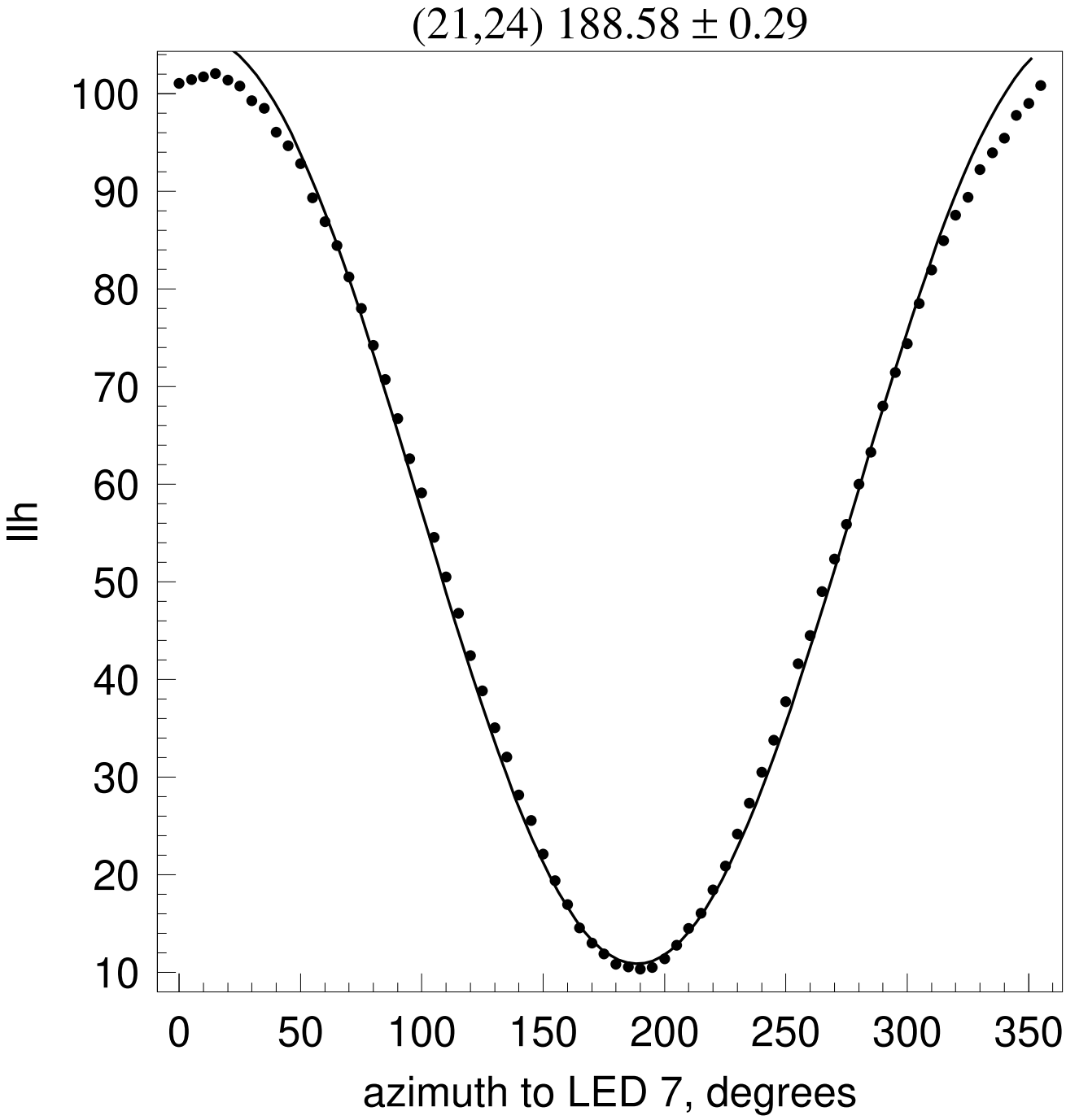

(21,19) 96.24 ± 0.20
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

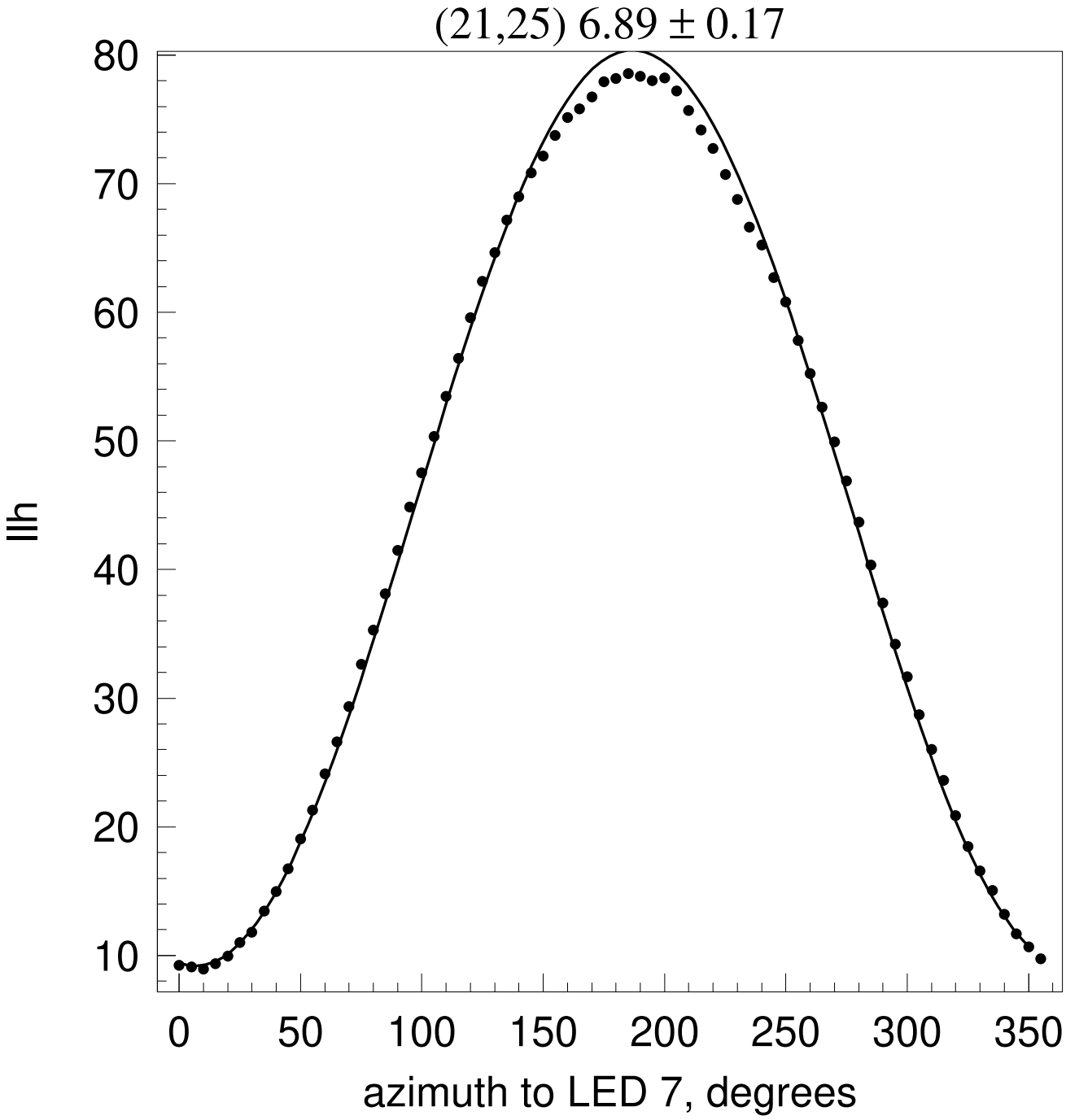

(21,20) 86.10 ± 0.12
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

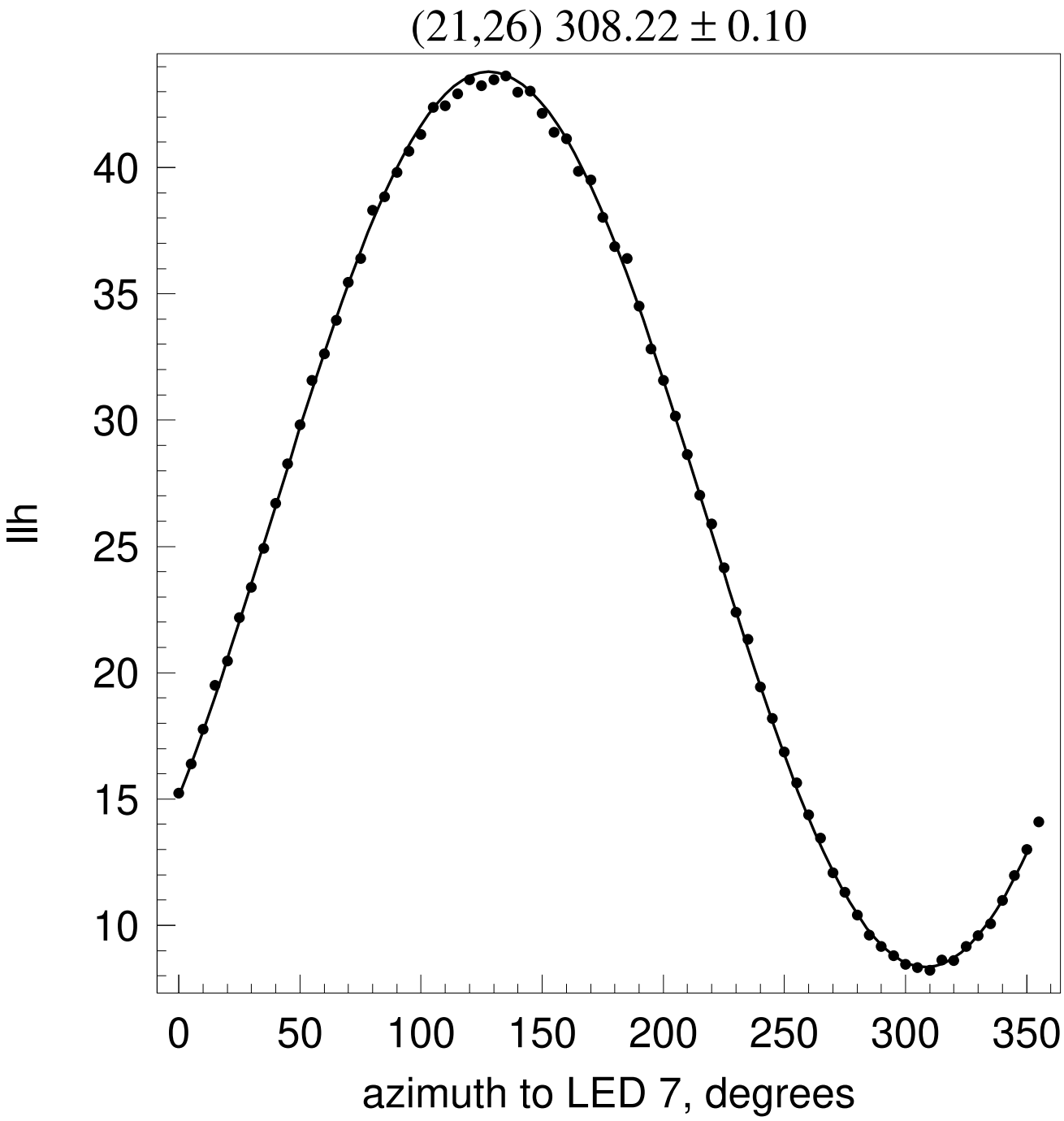

(21,21) 242.86 ± 0.21
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

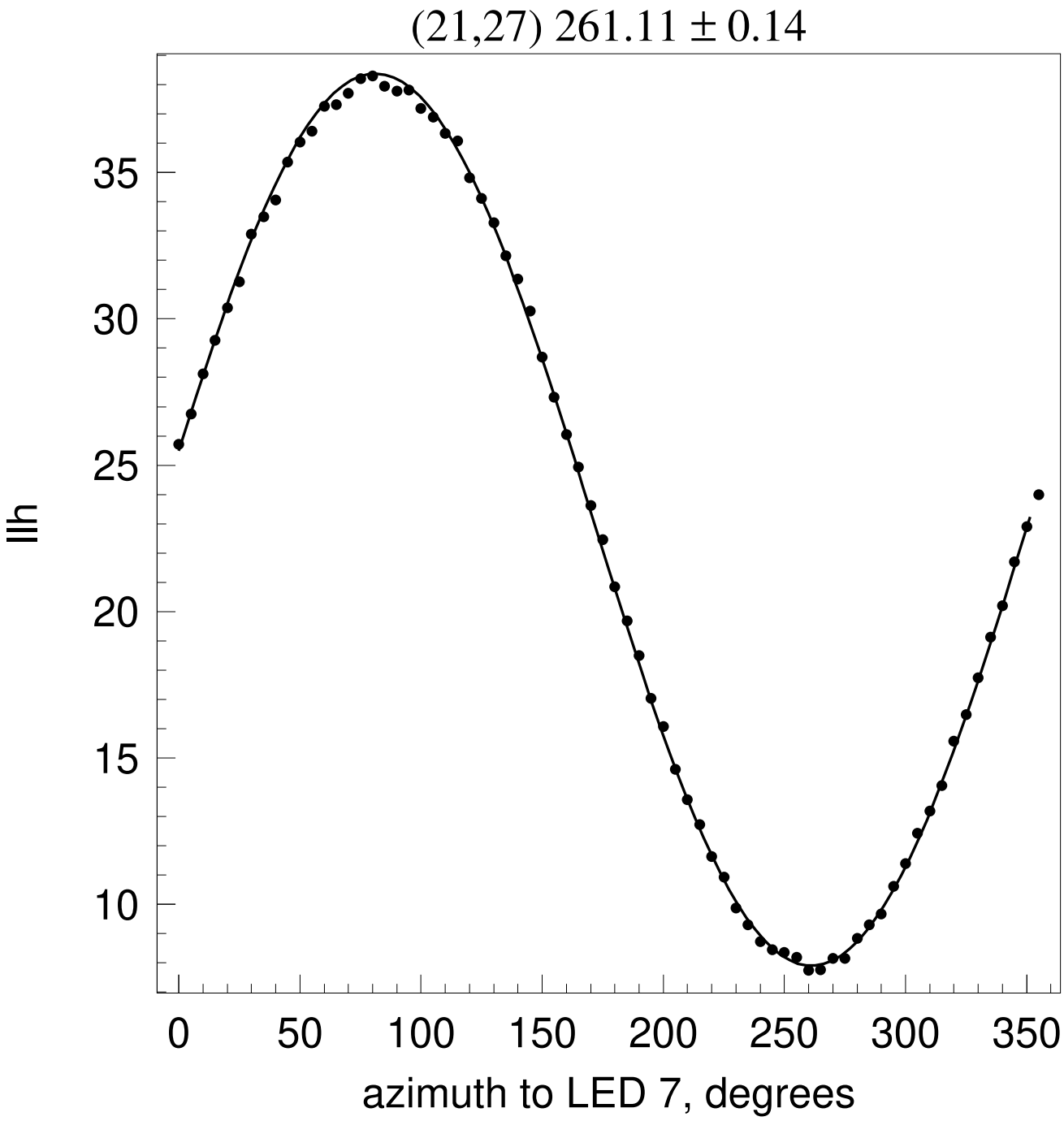

(21,22) 274.89 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

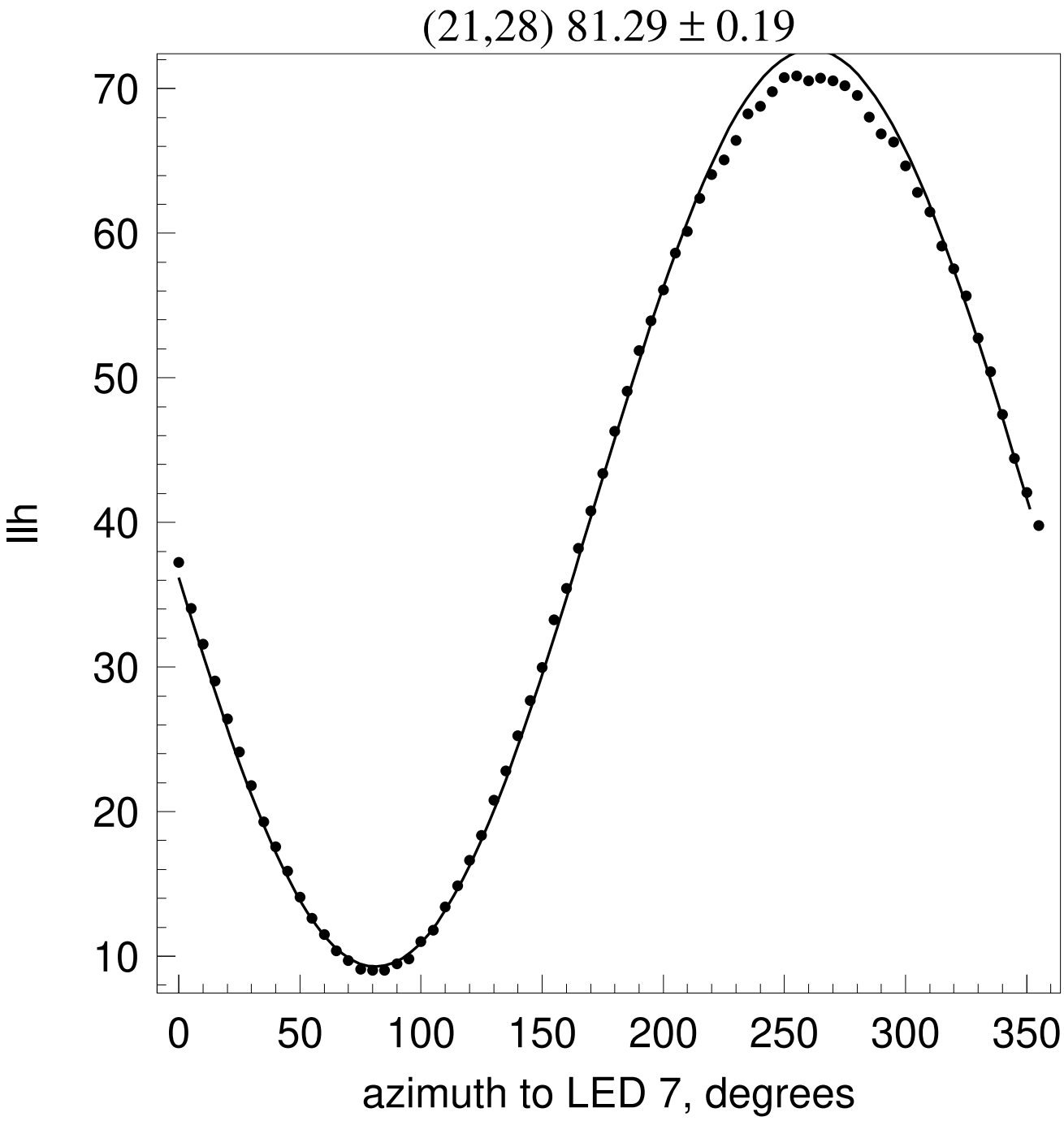

(21,23) 279.38 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

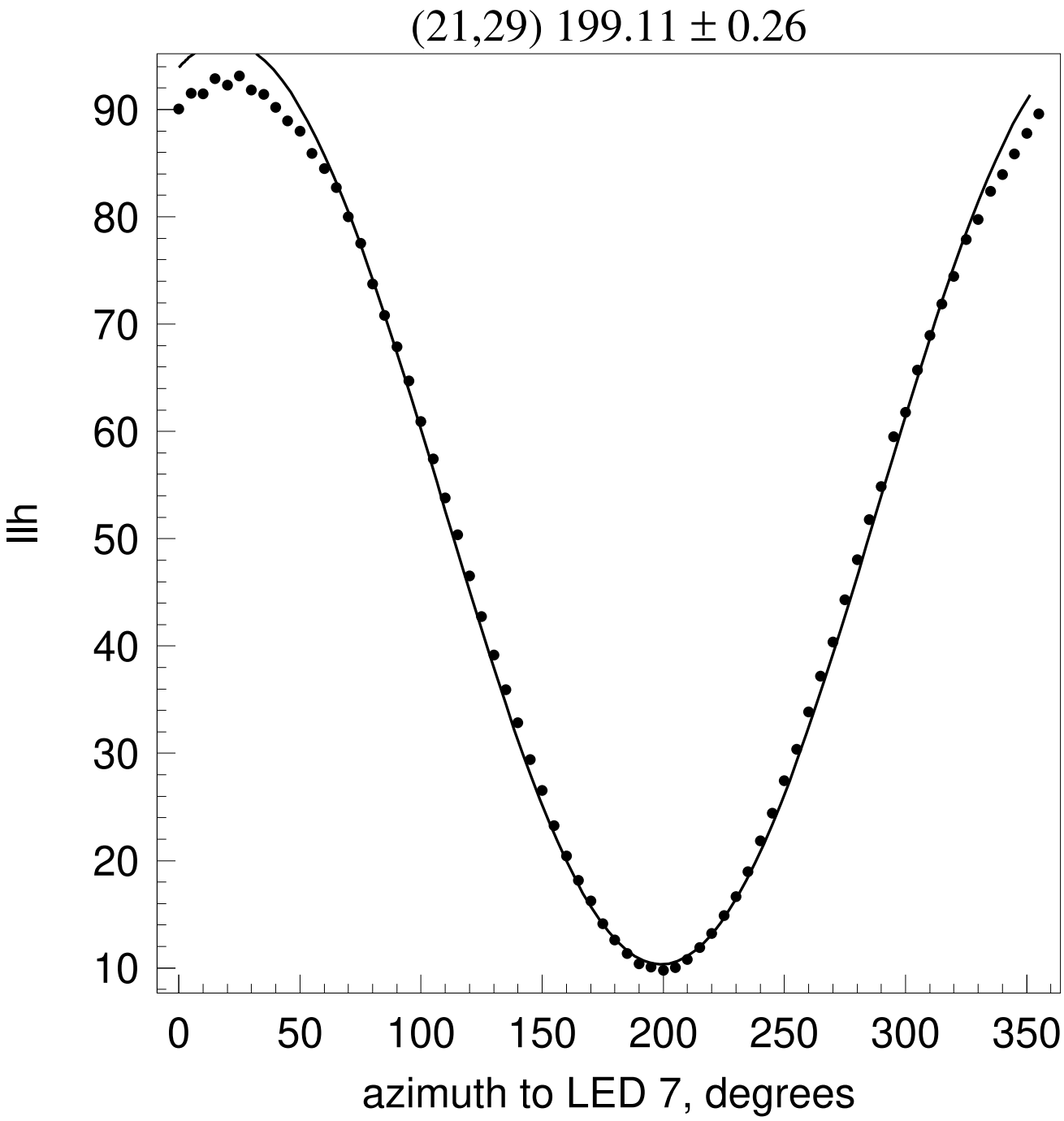

(21,24) 188.58 ± 0.29
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

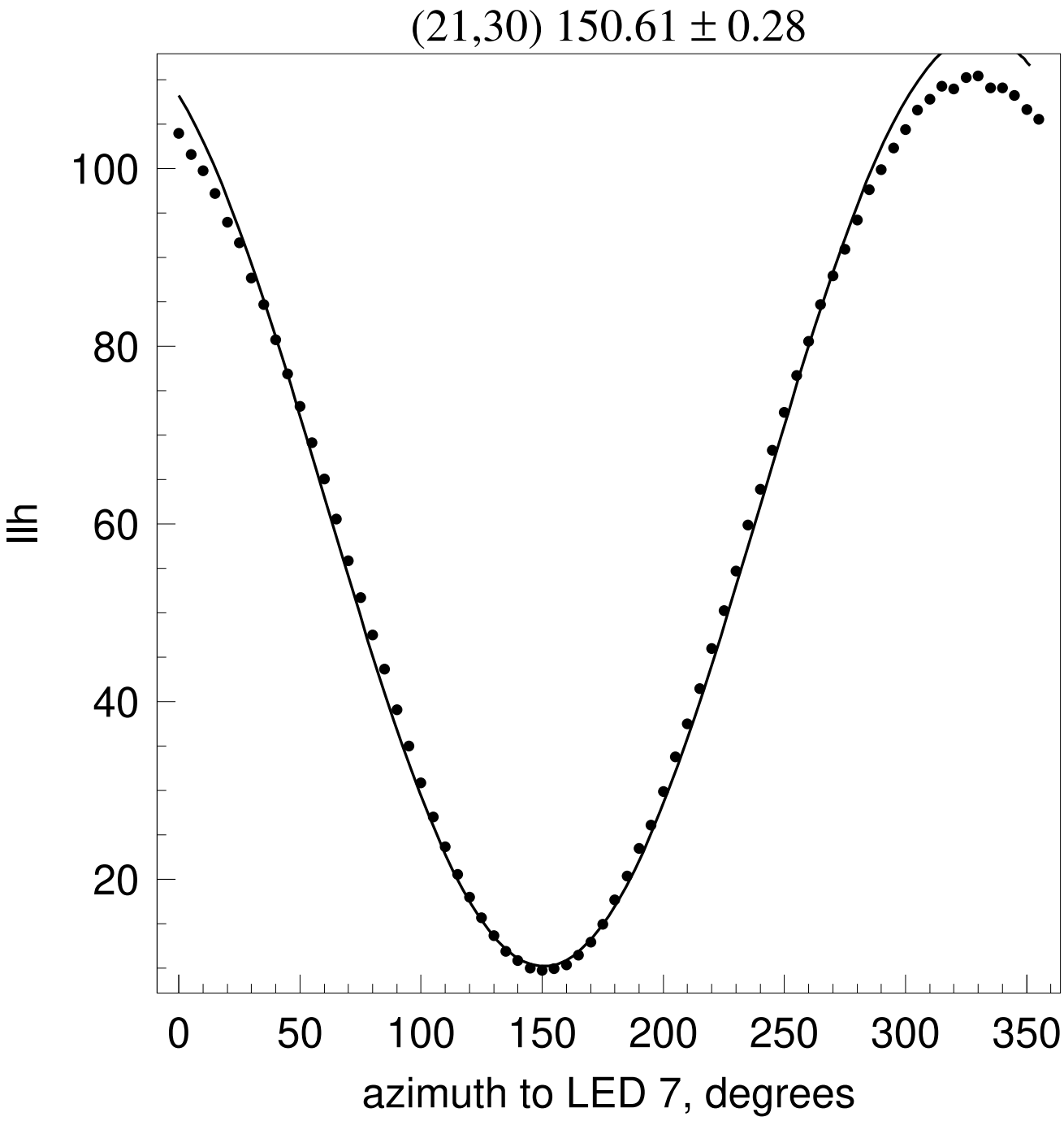

(21,25) 6.89 ± 0.17
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

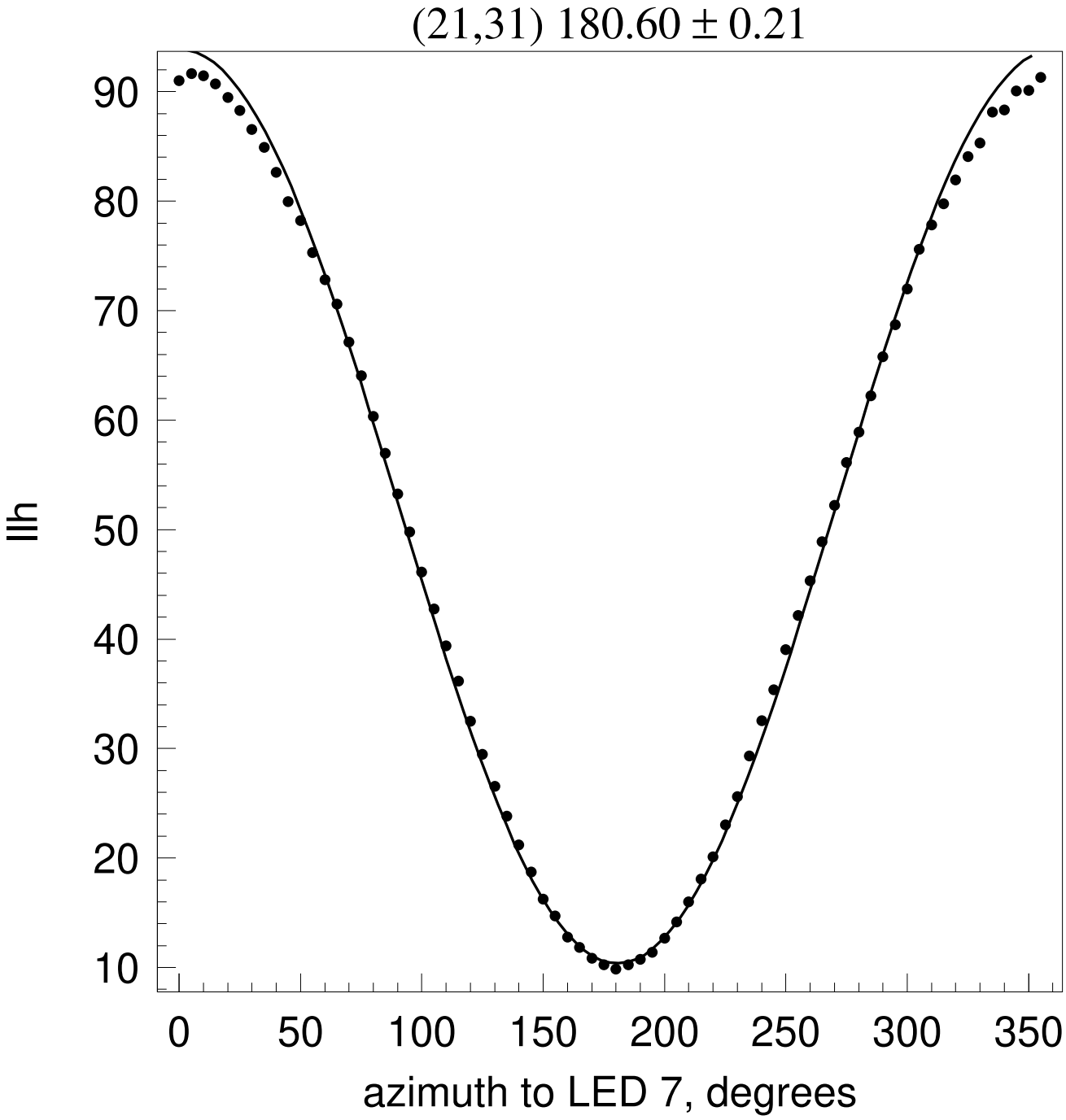

(21,26) 308.22 ± 0.10
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

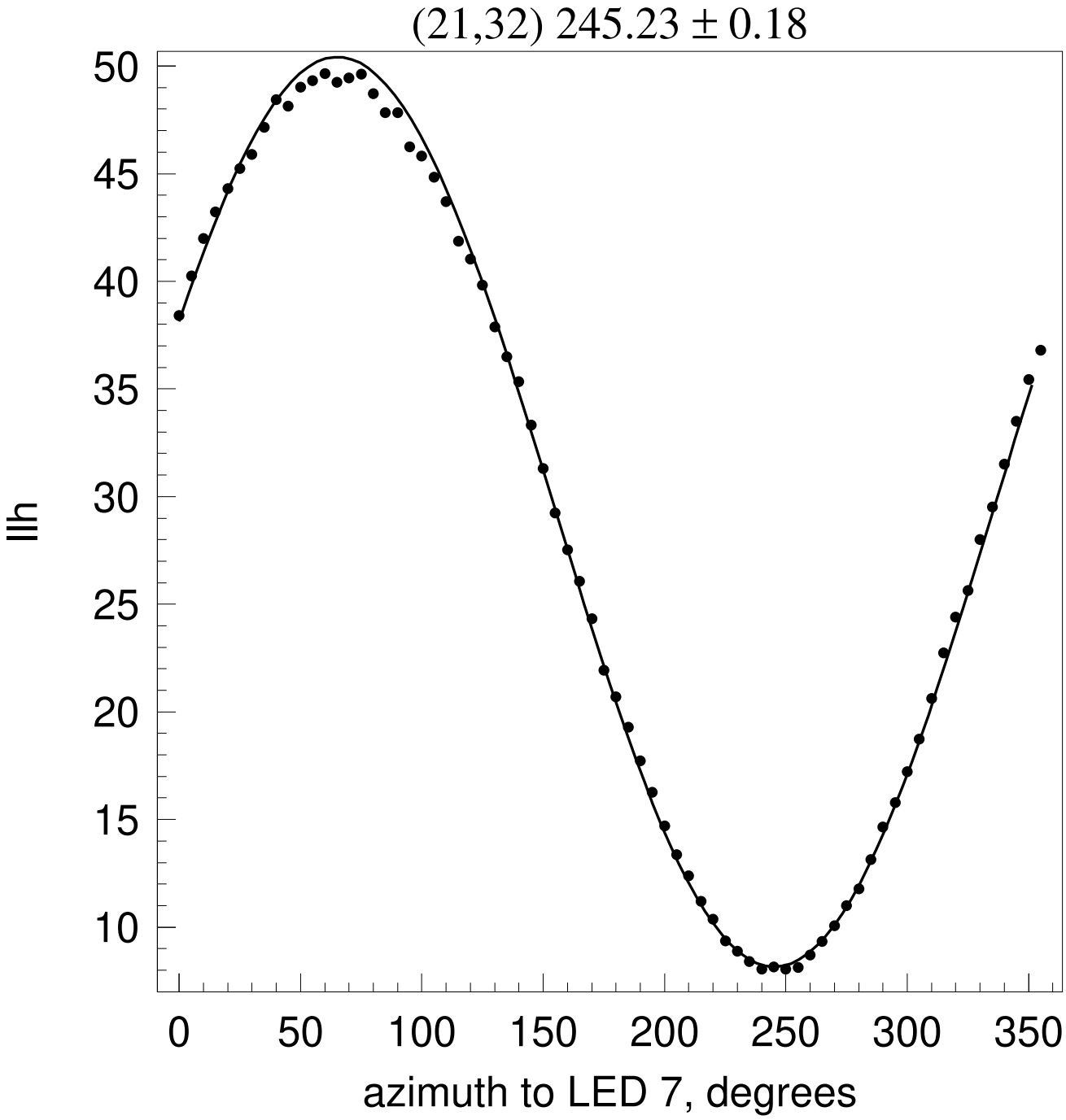

(21,27) 261.11 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

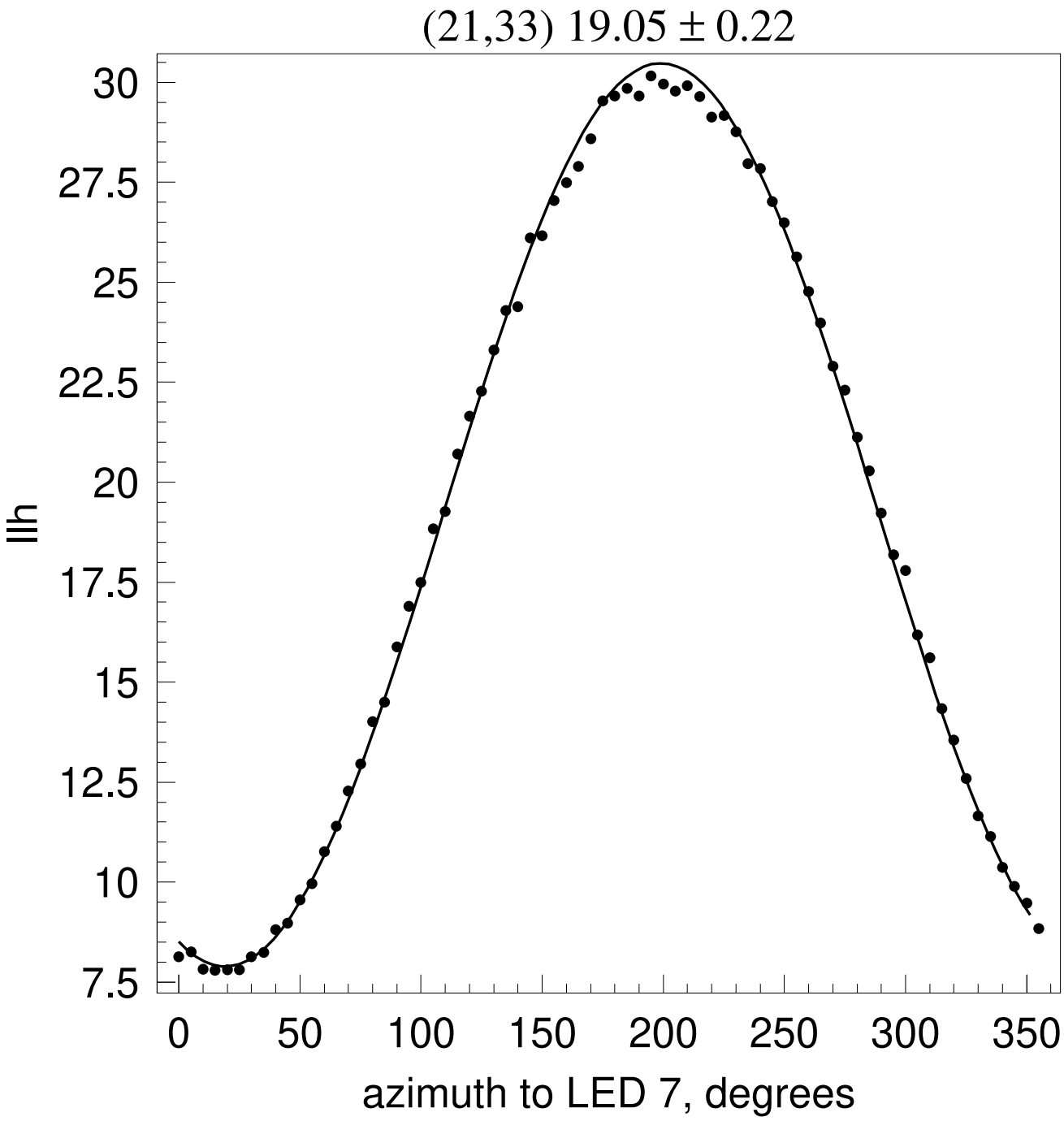

(21,28) 81.29 ± 0.19
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

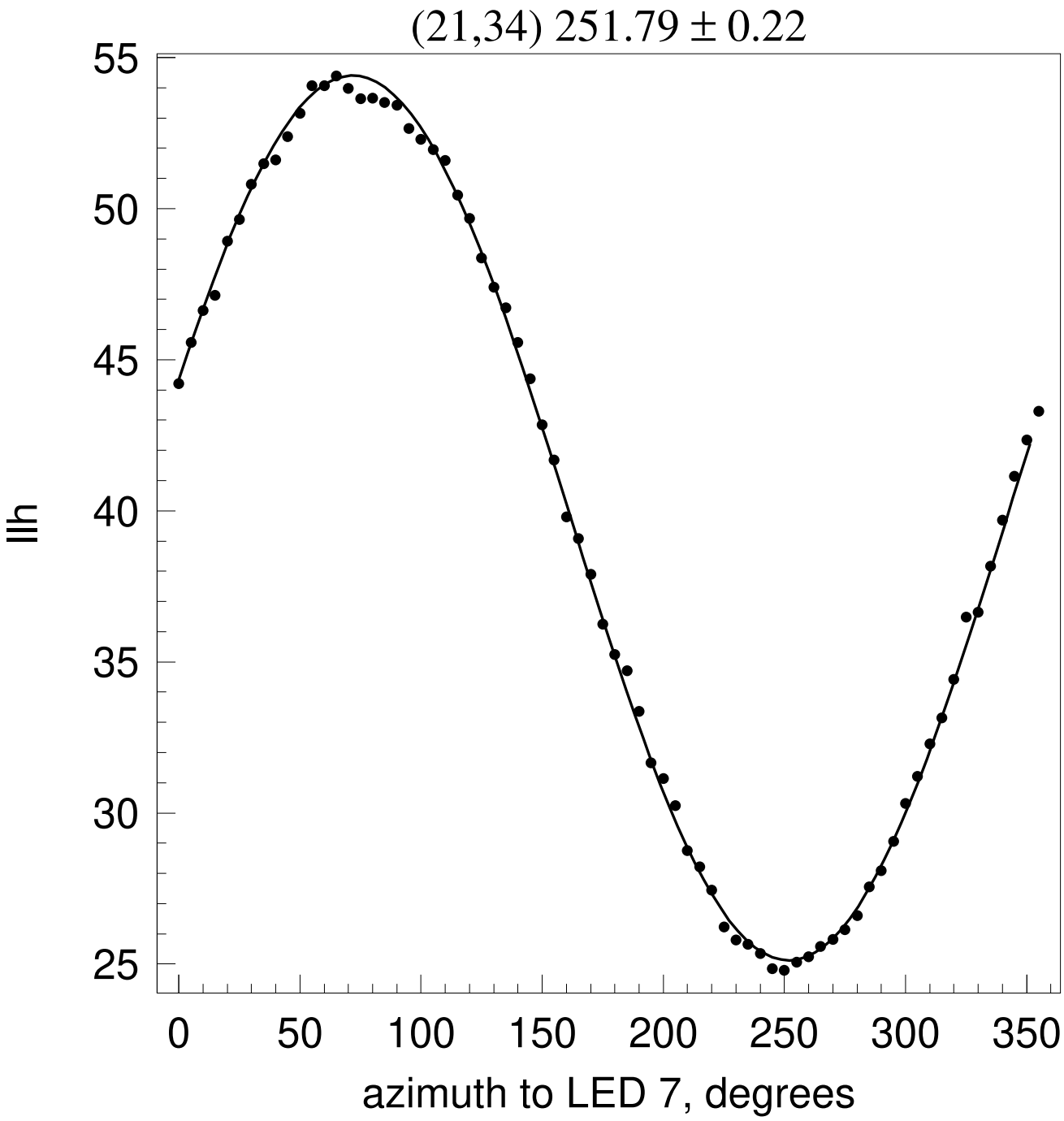

(21,29) 199.11 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

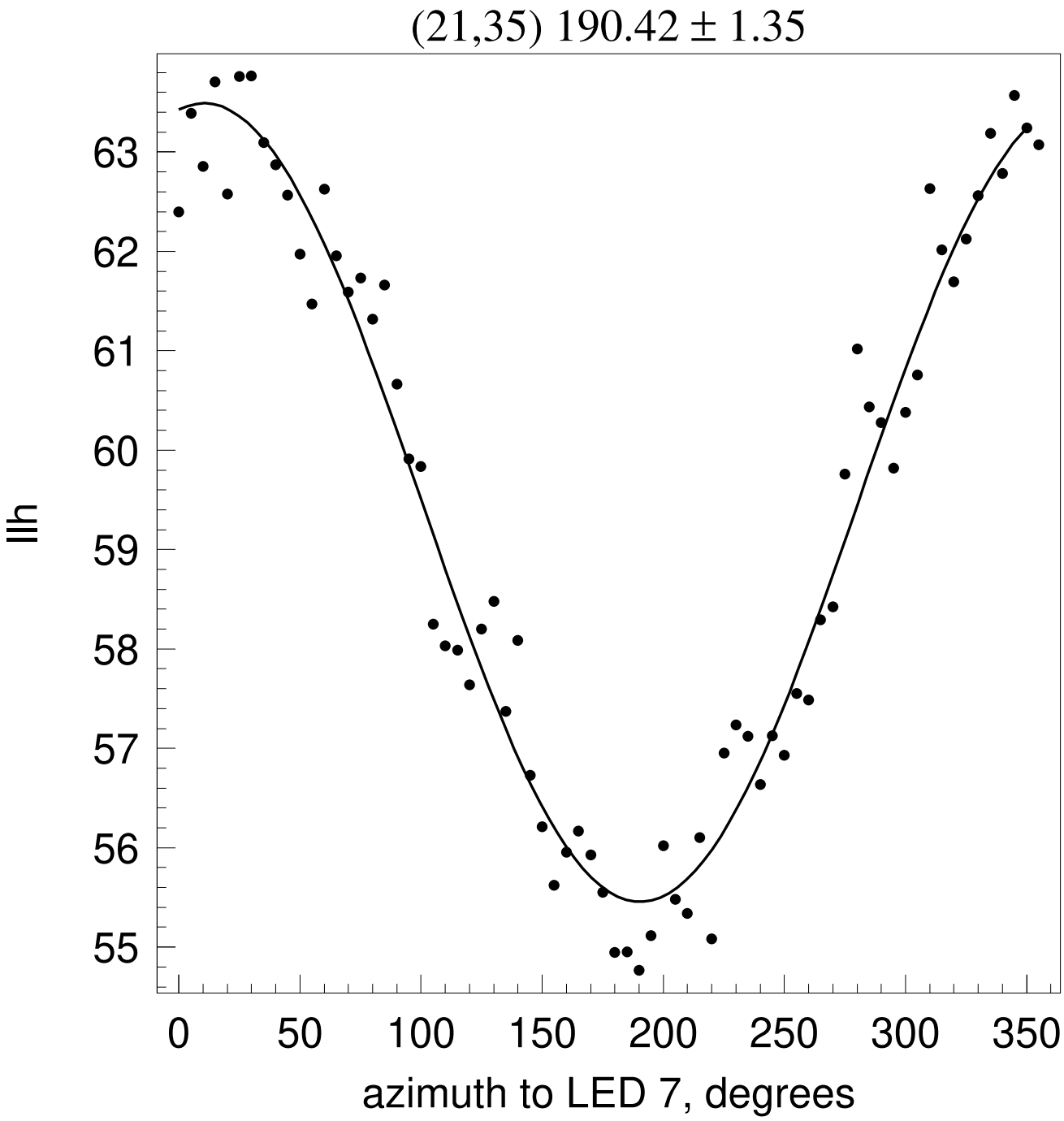

(21,30) 150.61 ± 0.28
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

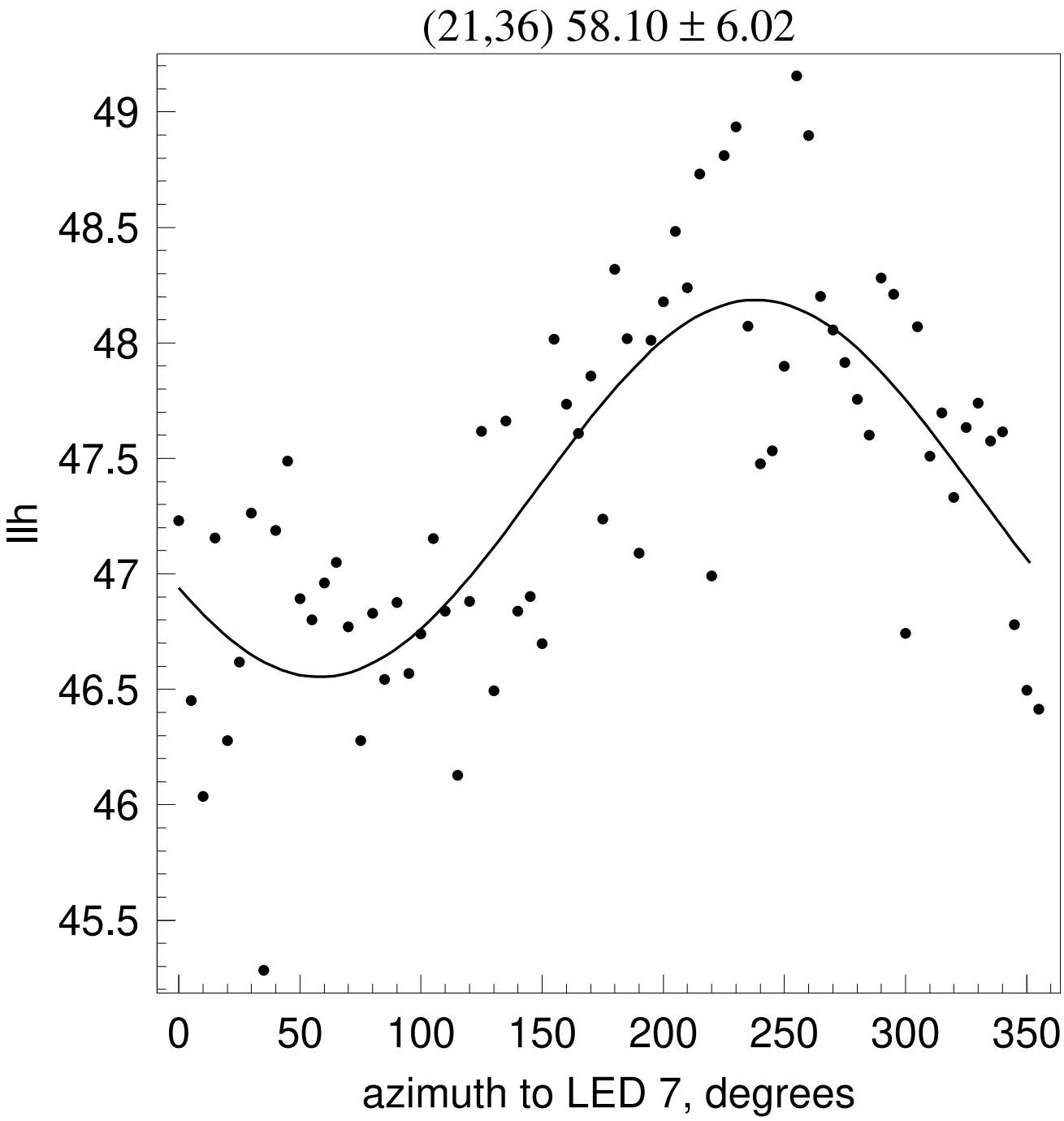

(21,31) 180.60 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

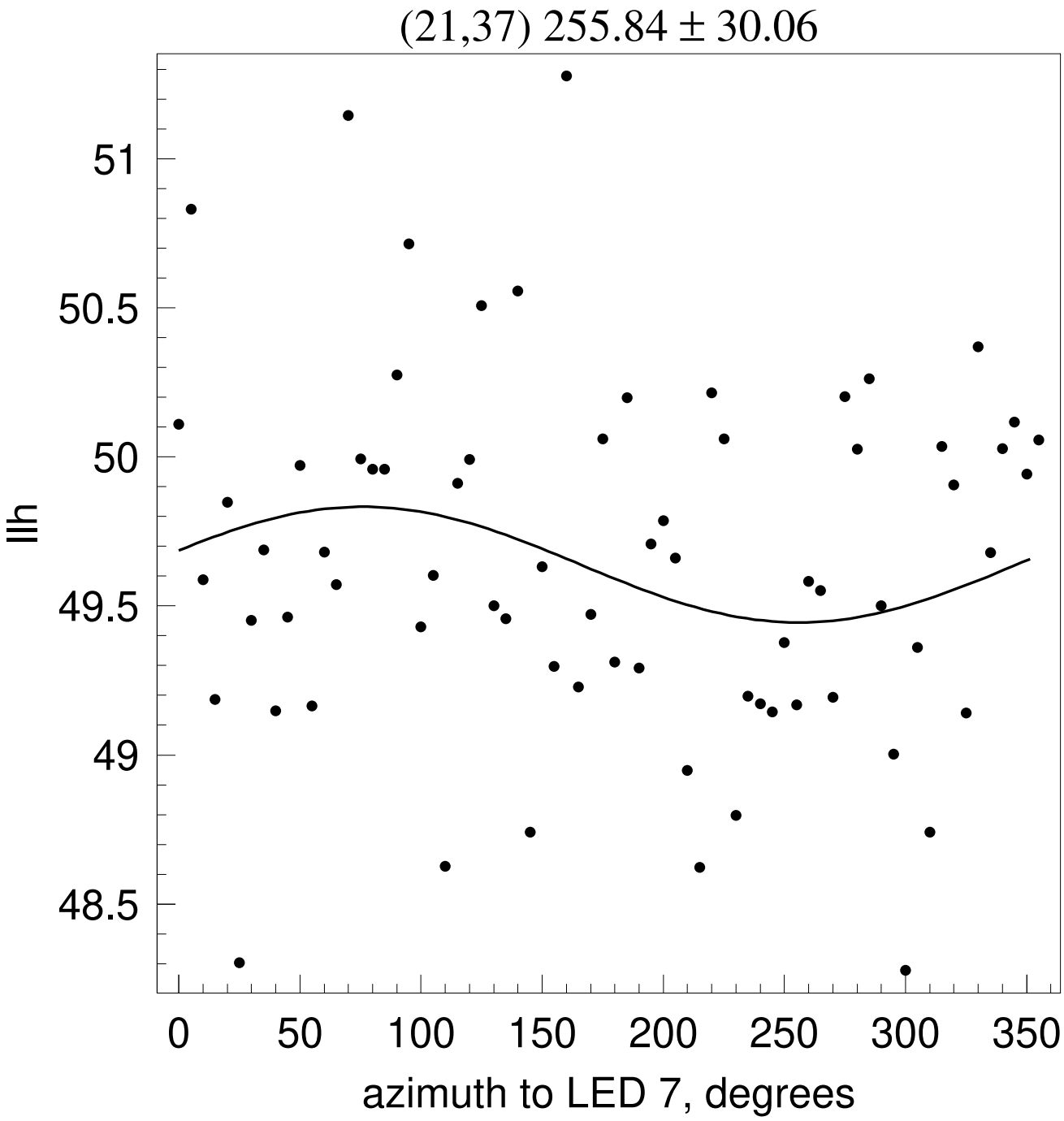

(21,32) 245.23 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

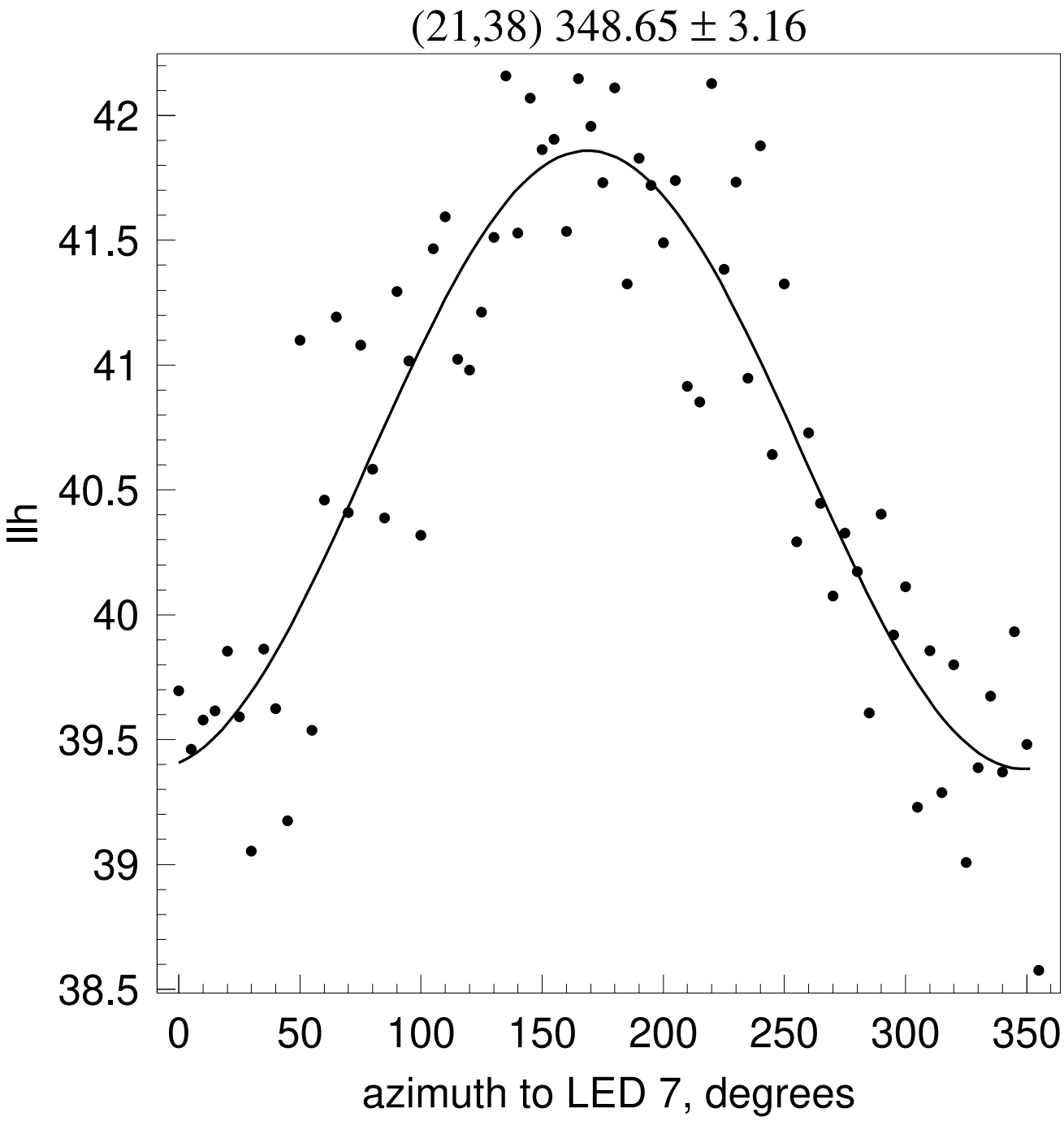

(21,33) 19.05 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

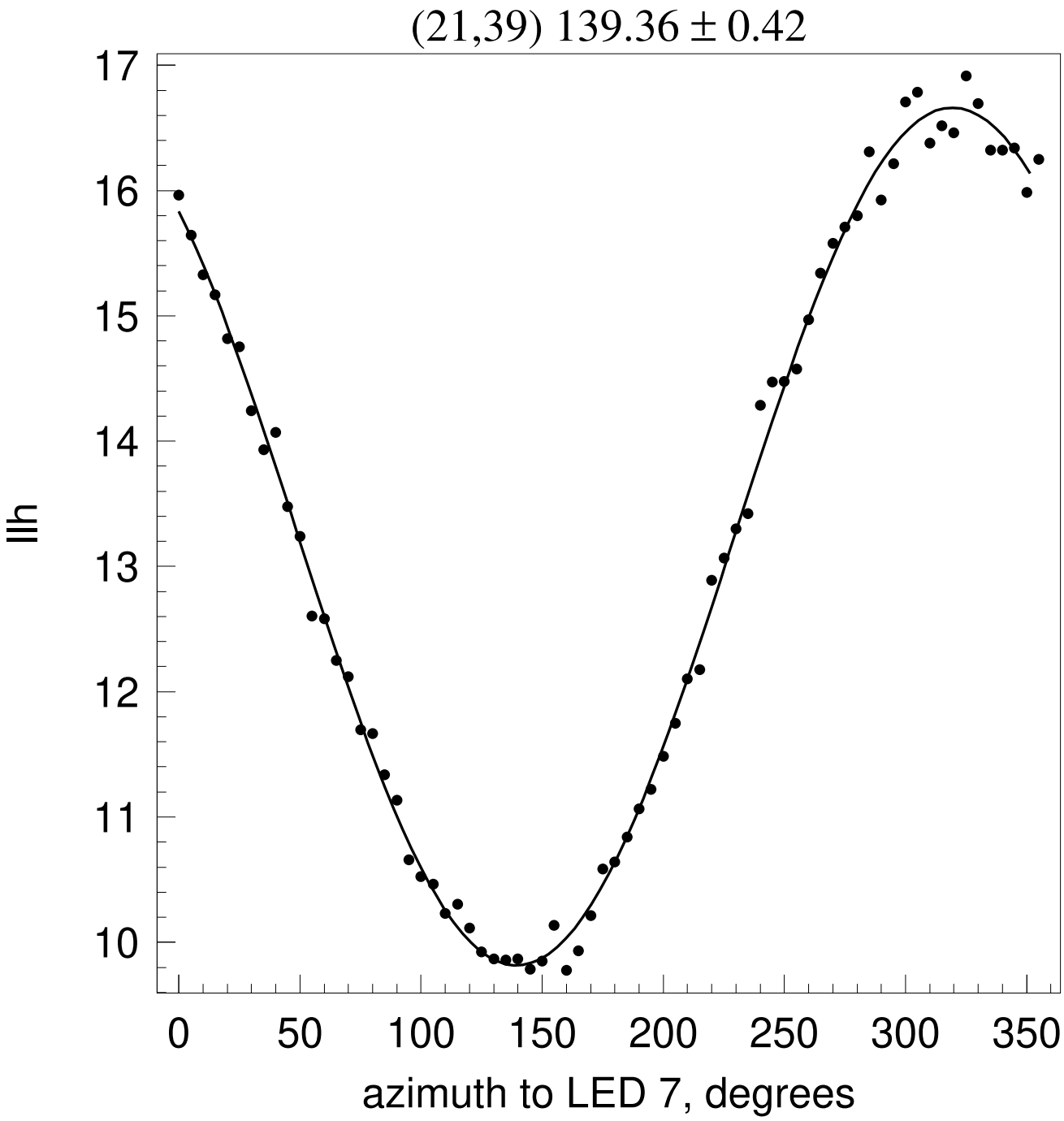

(21,34) 251.79 ± 0.22
55
50
45
40
35
30
25
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

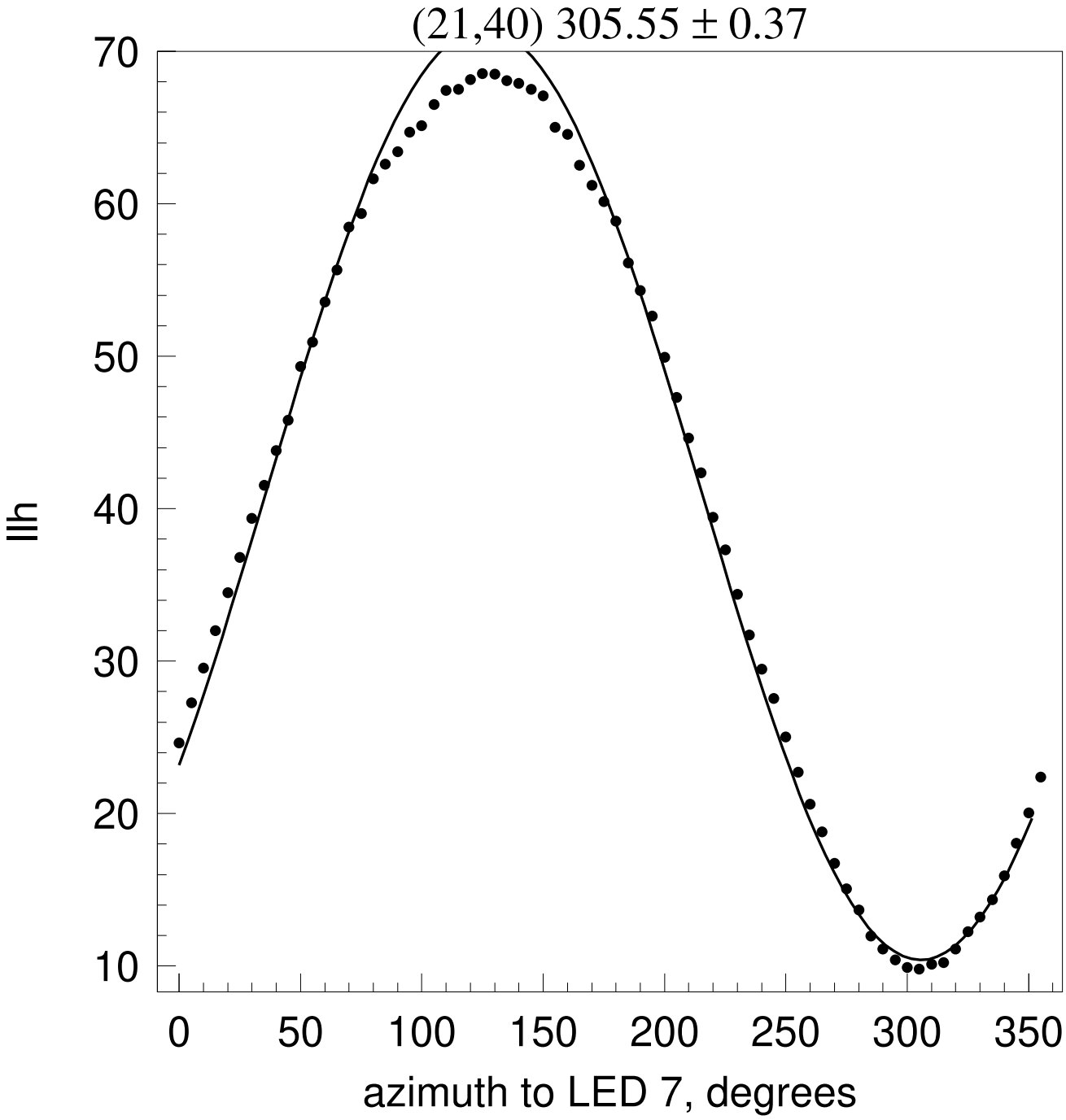

(21,35) 190.42 ± 1.35
63
62
61
60
59
58
57
56
55
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

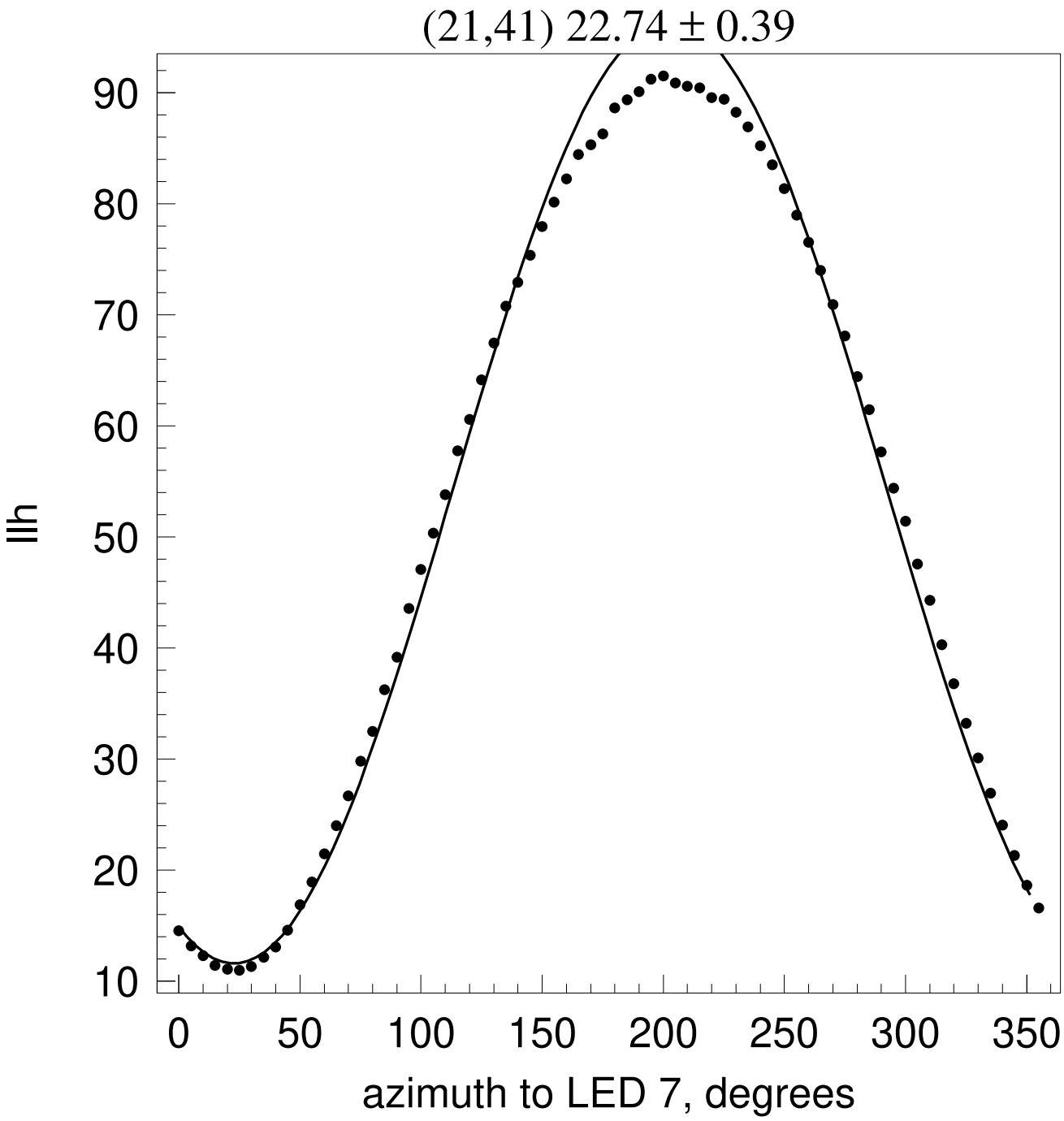

(21,36) 58.10 ± 6.02
49
48.5
48
47.5
47
46.5
46
45.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

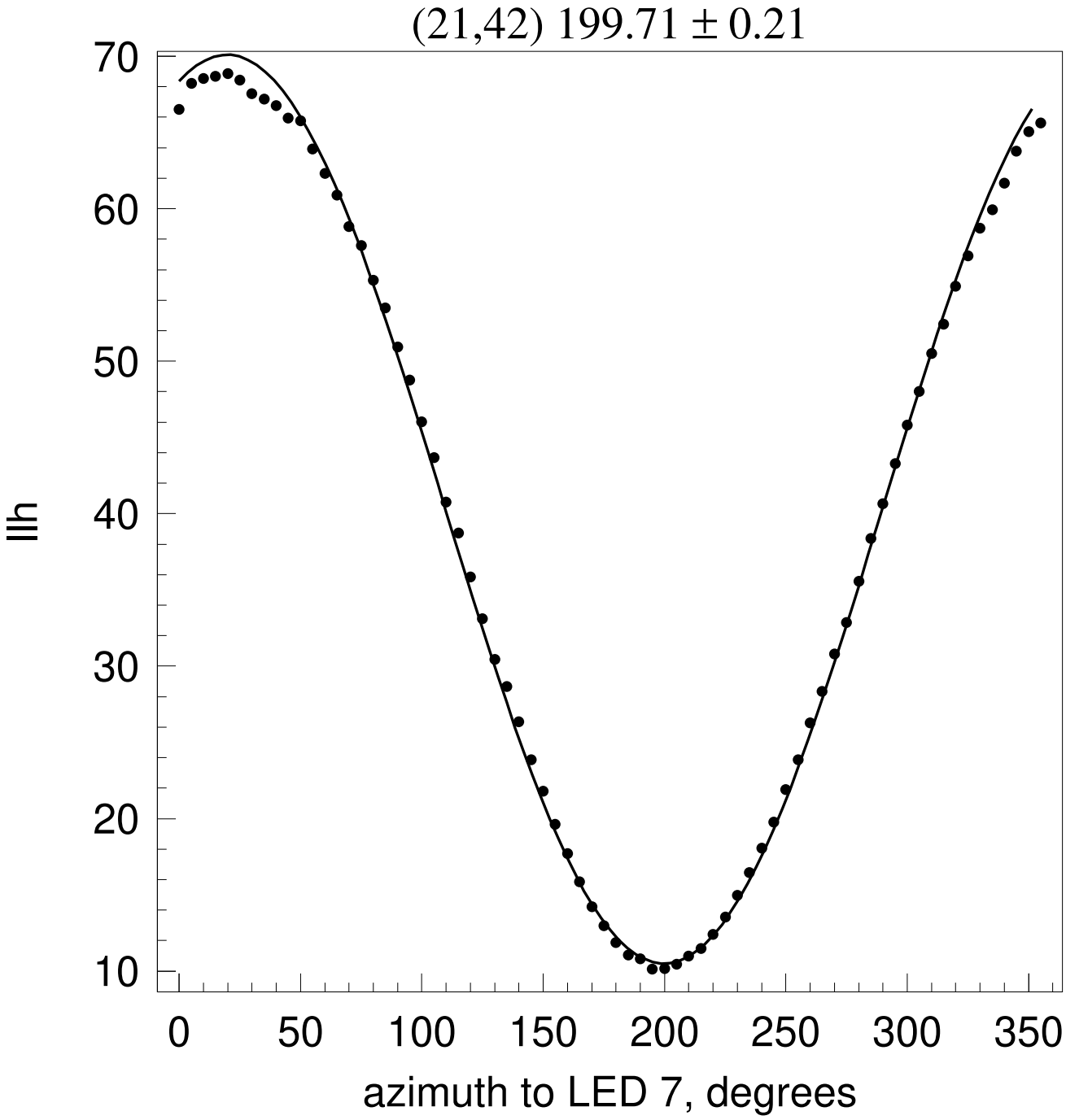

(21,37) 255.84 ± 30.06
51
50.5
50
49.5
49
48.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

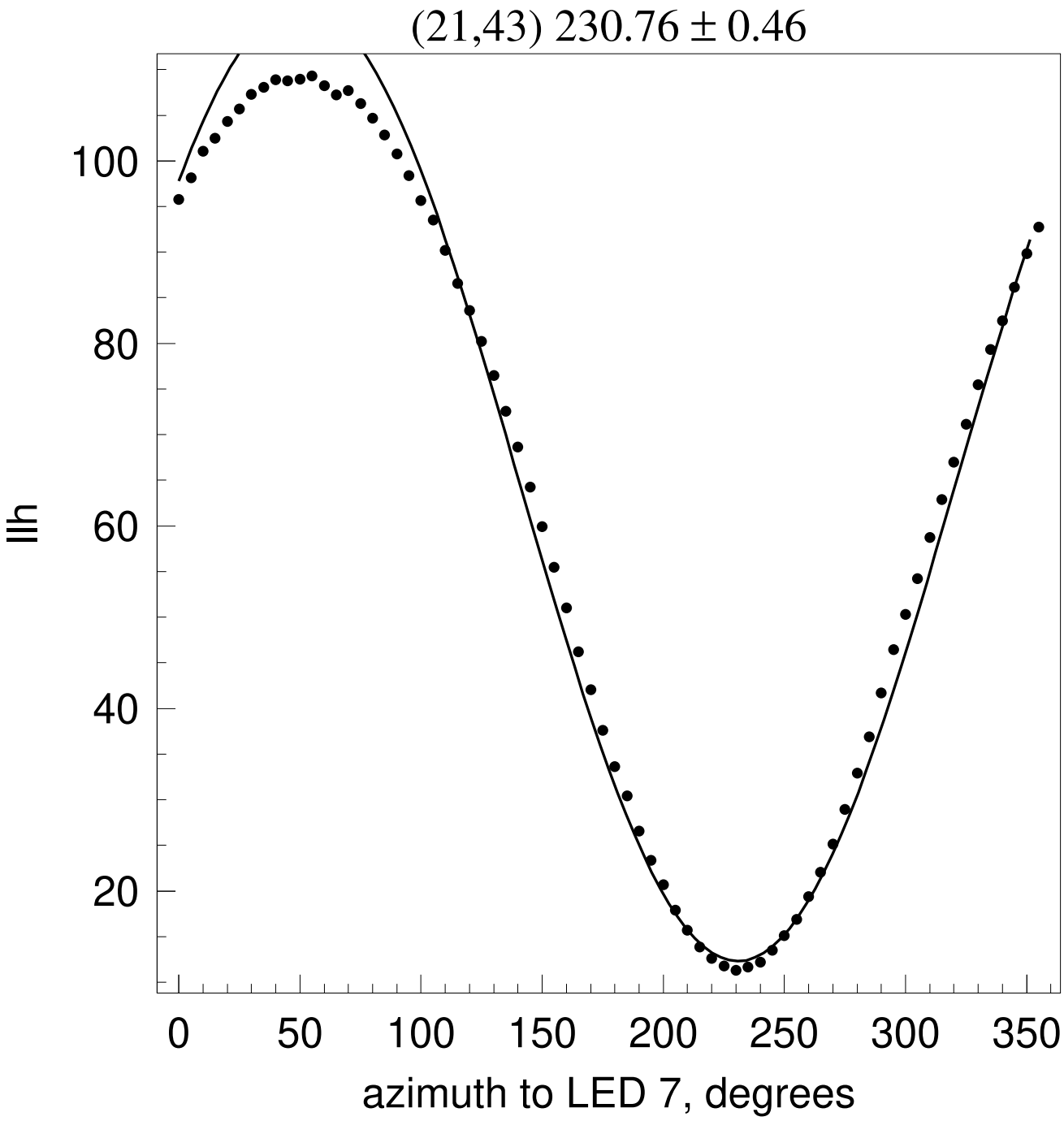

(21,38) 348.65 ± 3.16
42
41.5
41
40.5
40
39.5
39
38.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

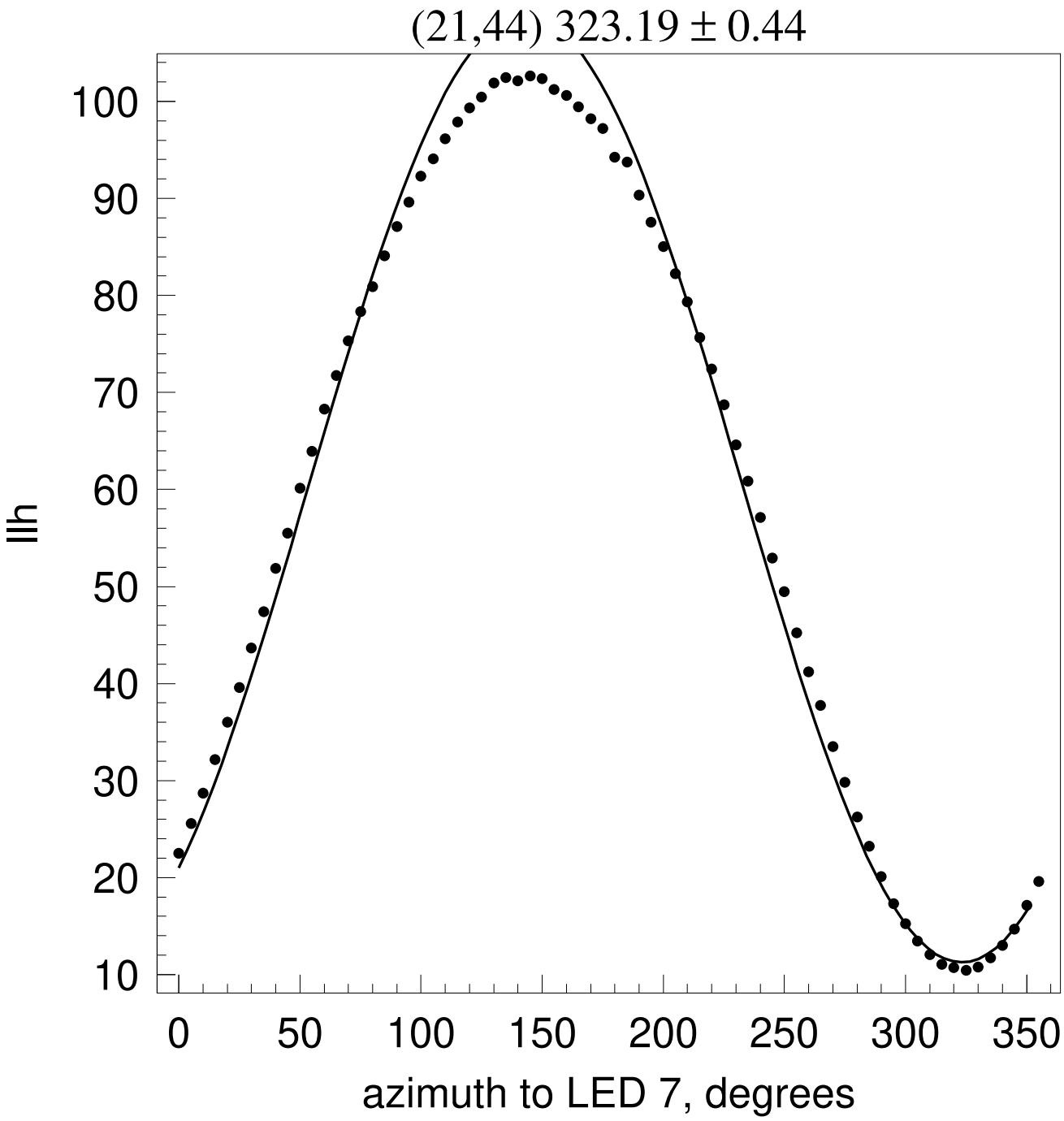

(21,39) 139.36 ± 0.42
17
16
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

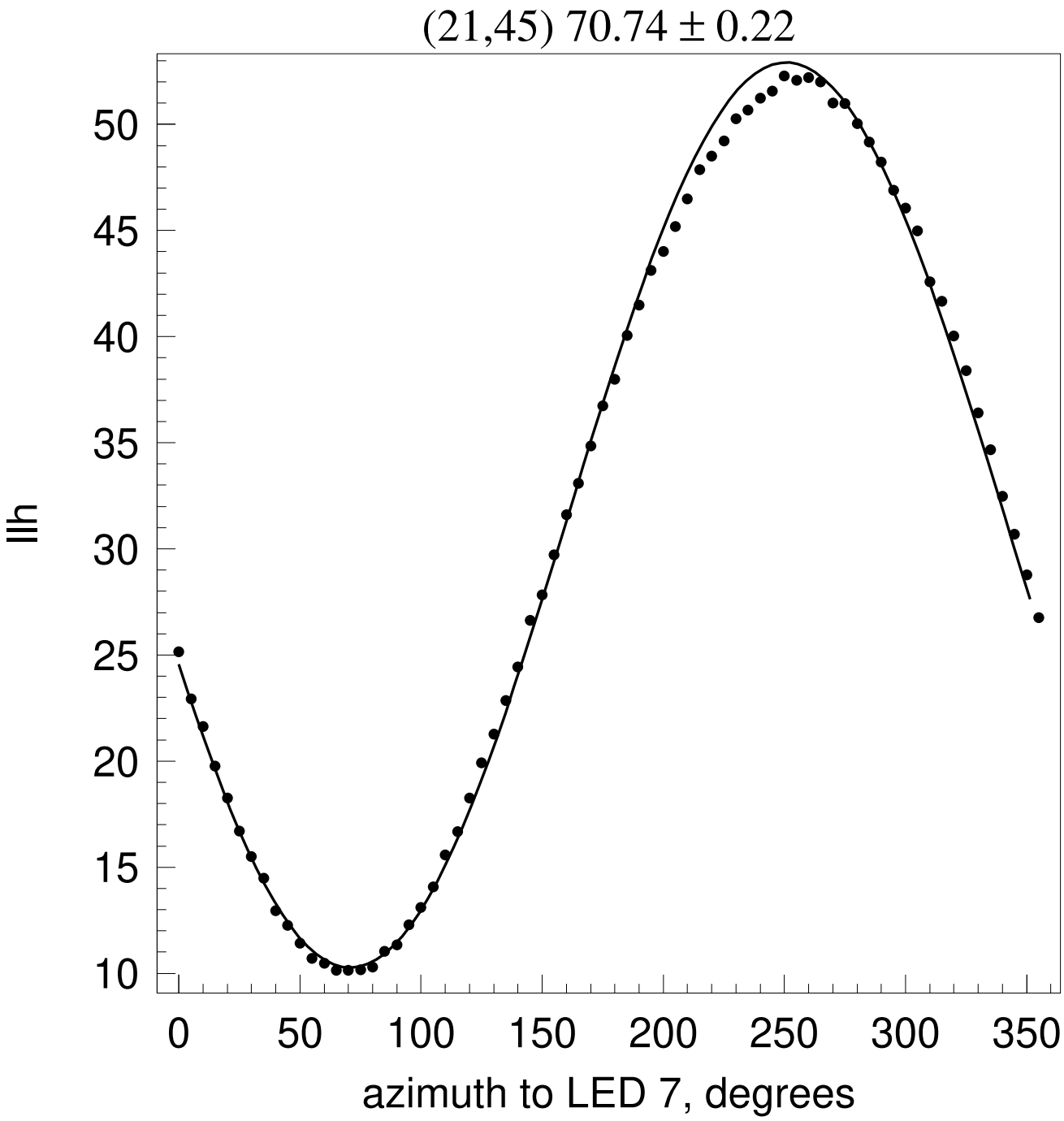

(21,40) 305.55 ± 0.37
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

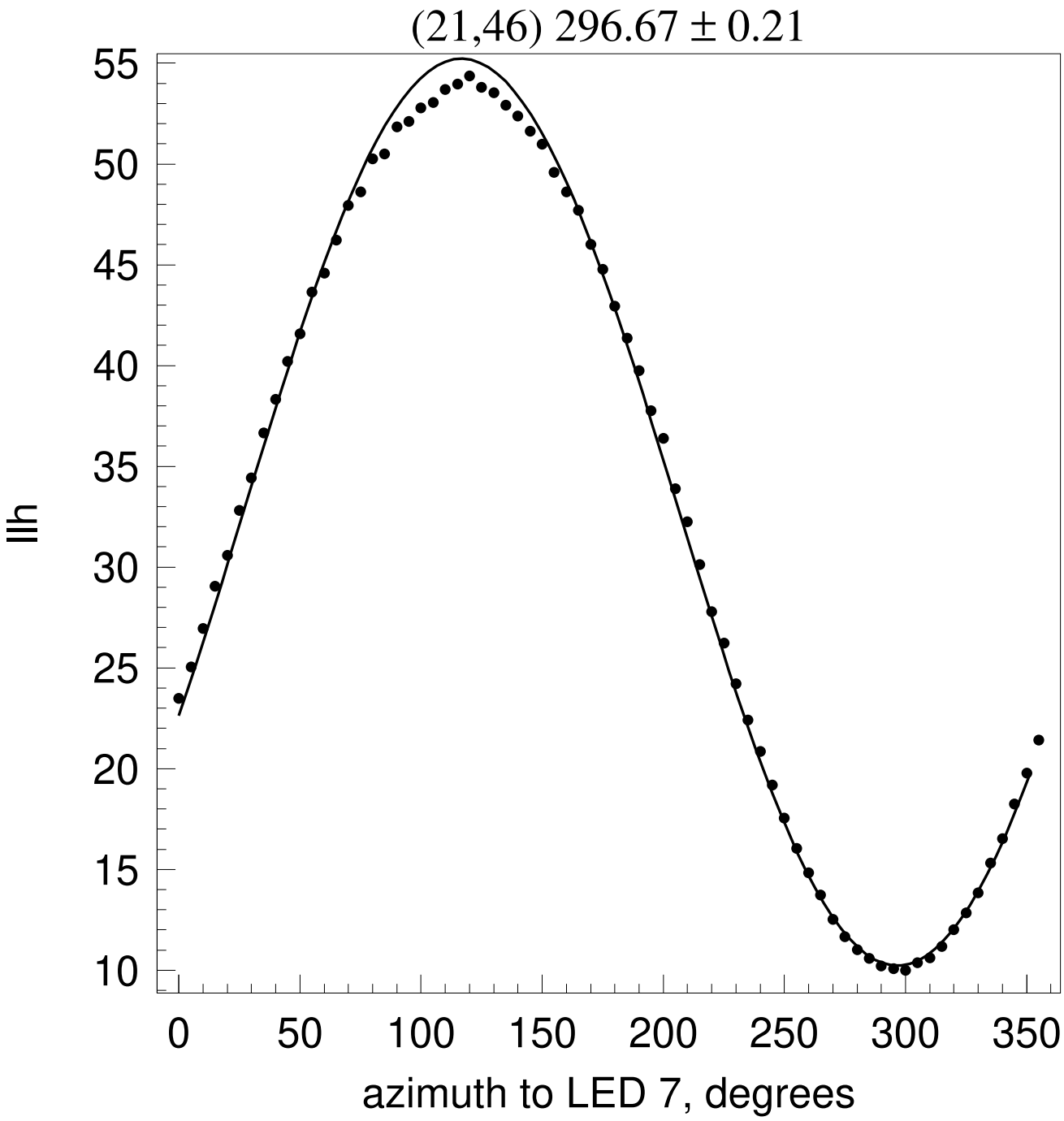

(21,41) 22.74 ± 0.39
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

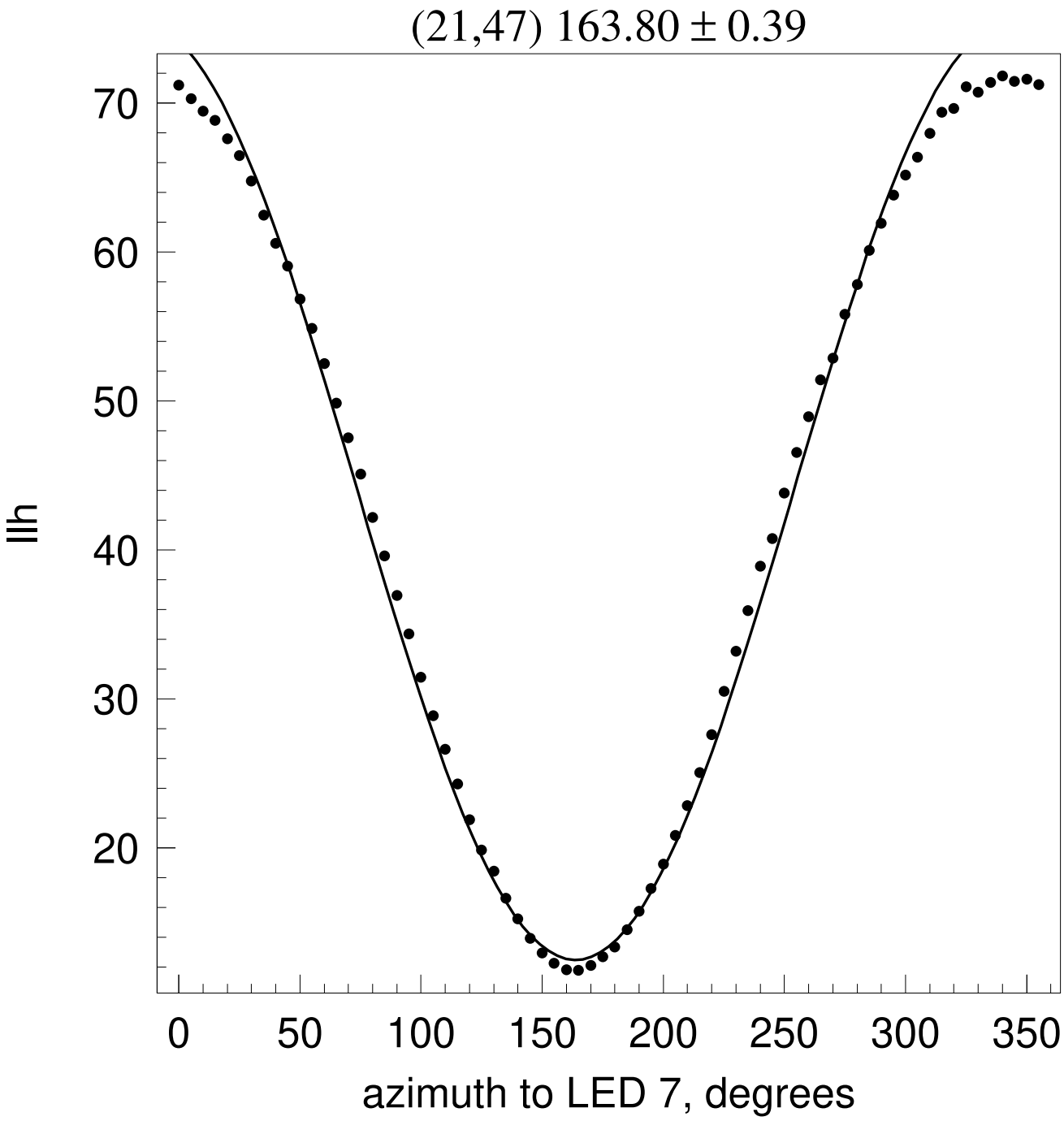

(21,42) 199.71 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

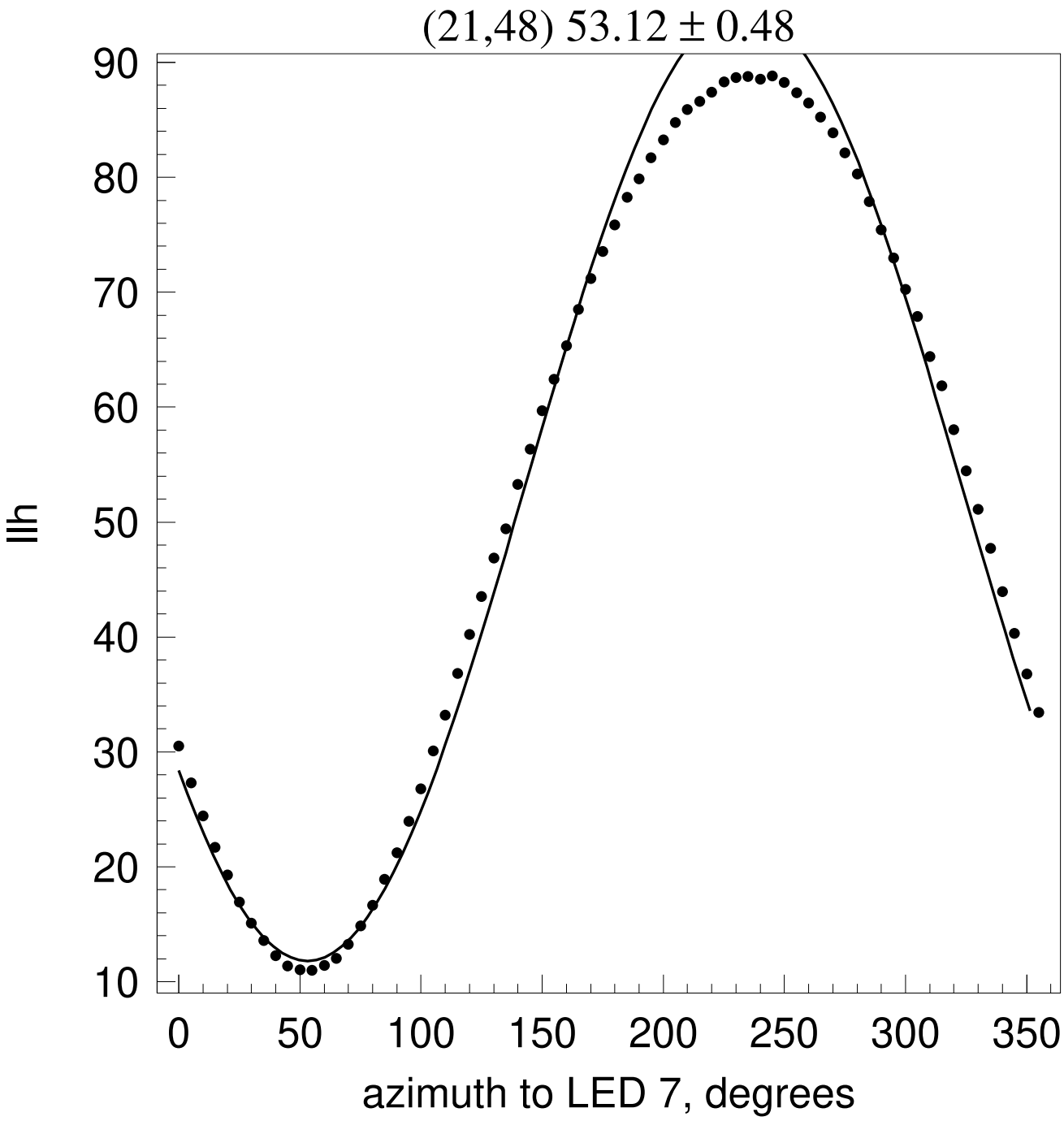

(21,43) 230.76 ± 0.46
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

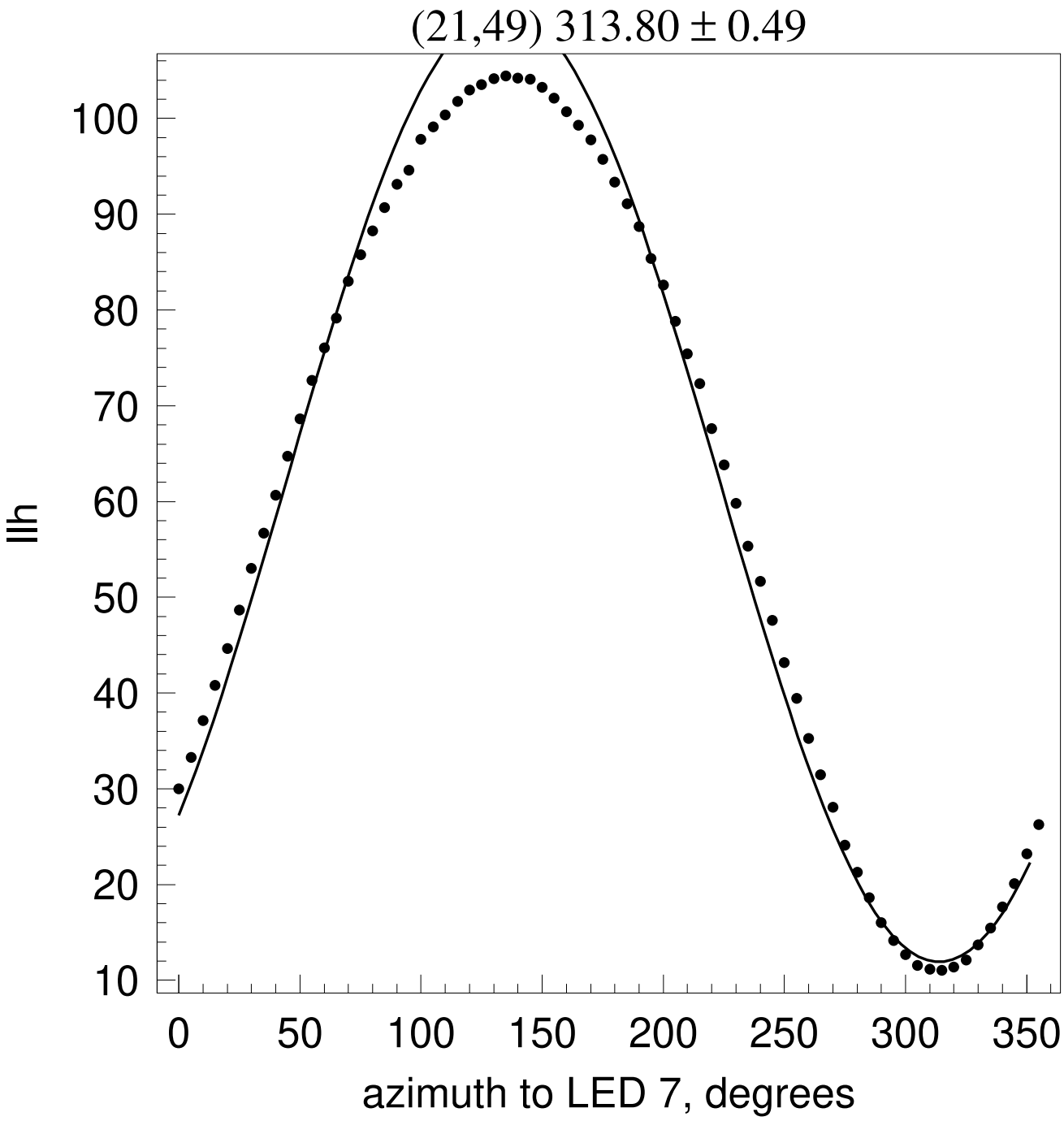

(21,44) 323.19 ± 0.44
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

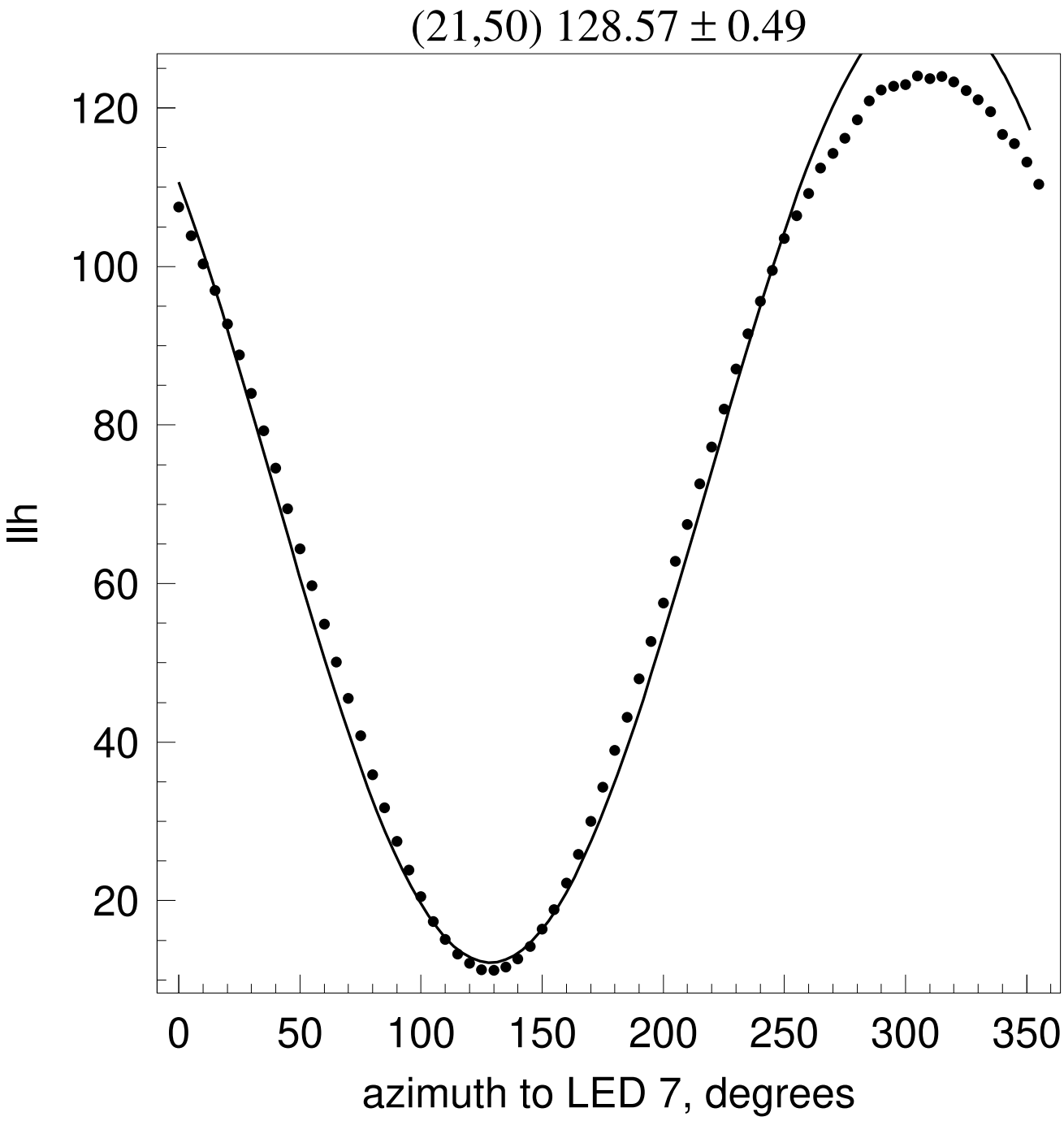

(21,45) 70.74 ± 0.22
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

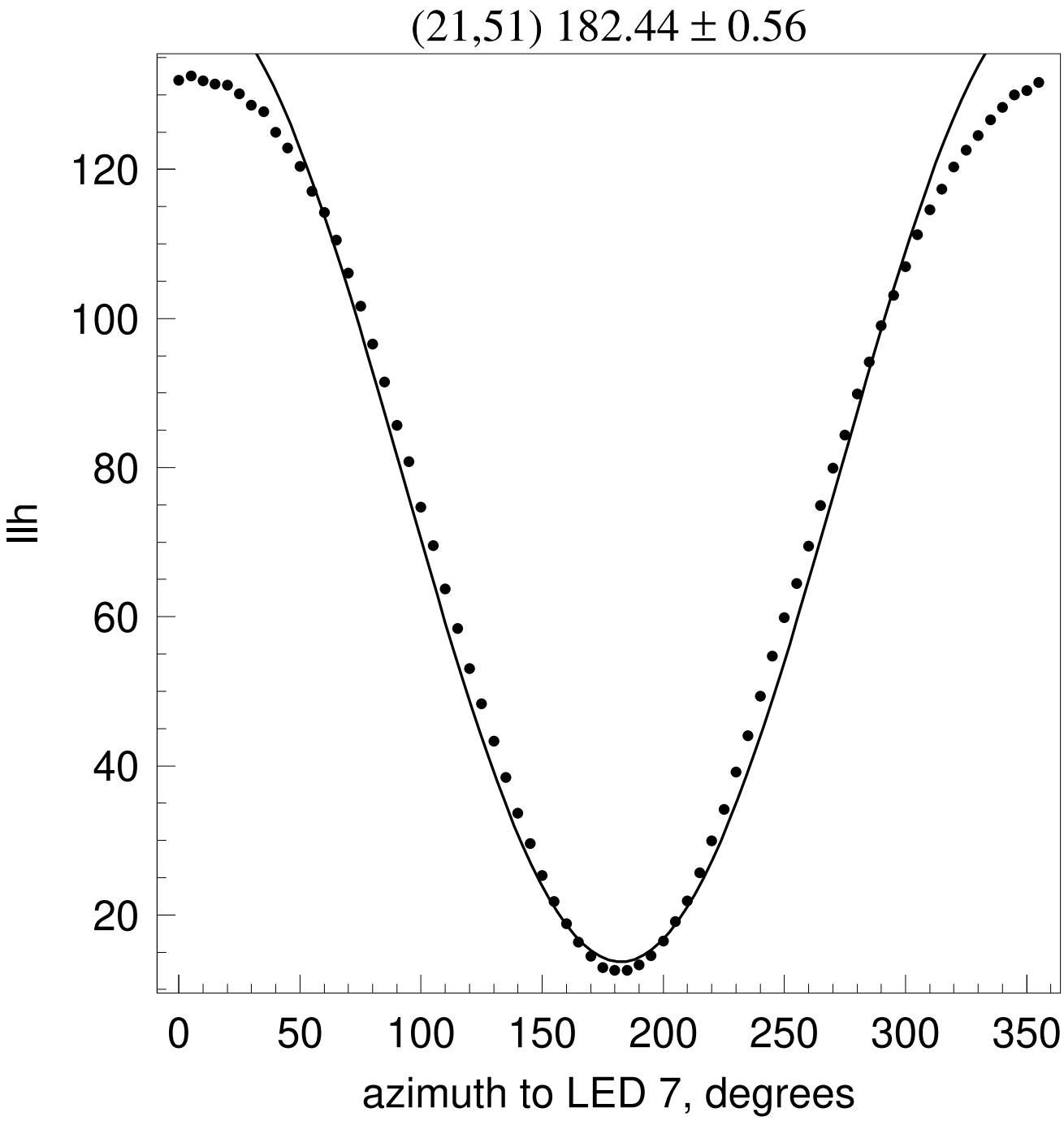

(21,46) 296.67 ± 0.21
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

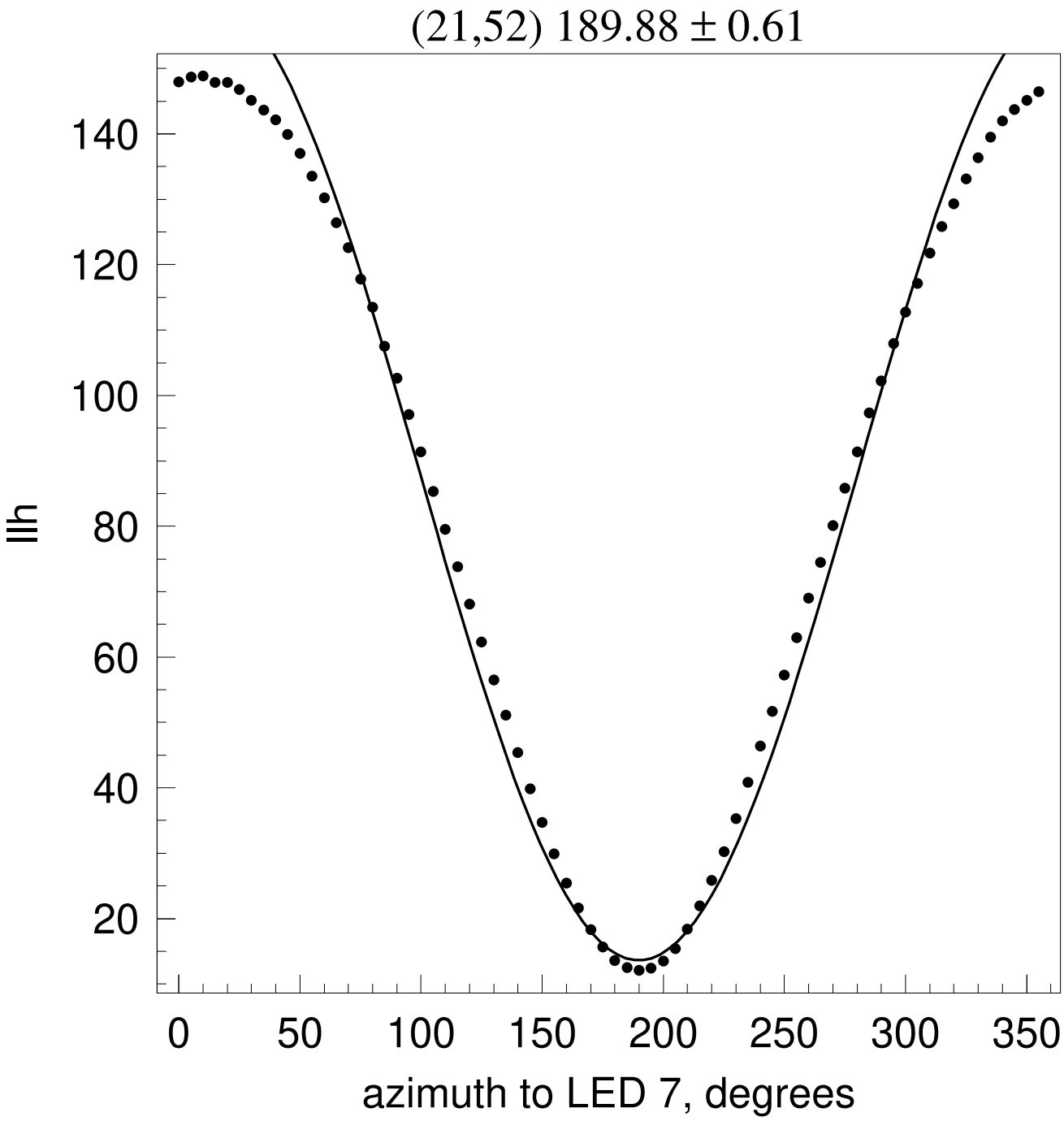

(21,47) 163.80 ± 0.39
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

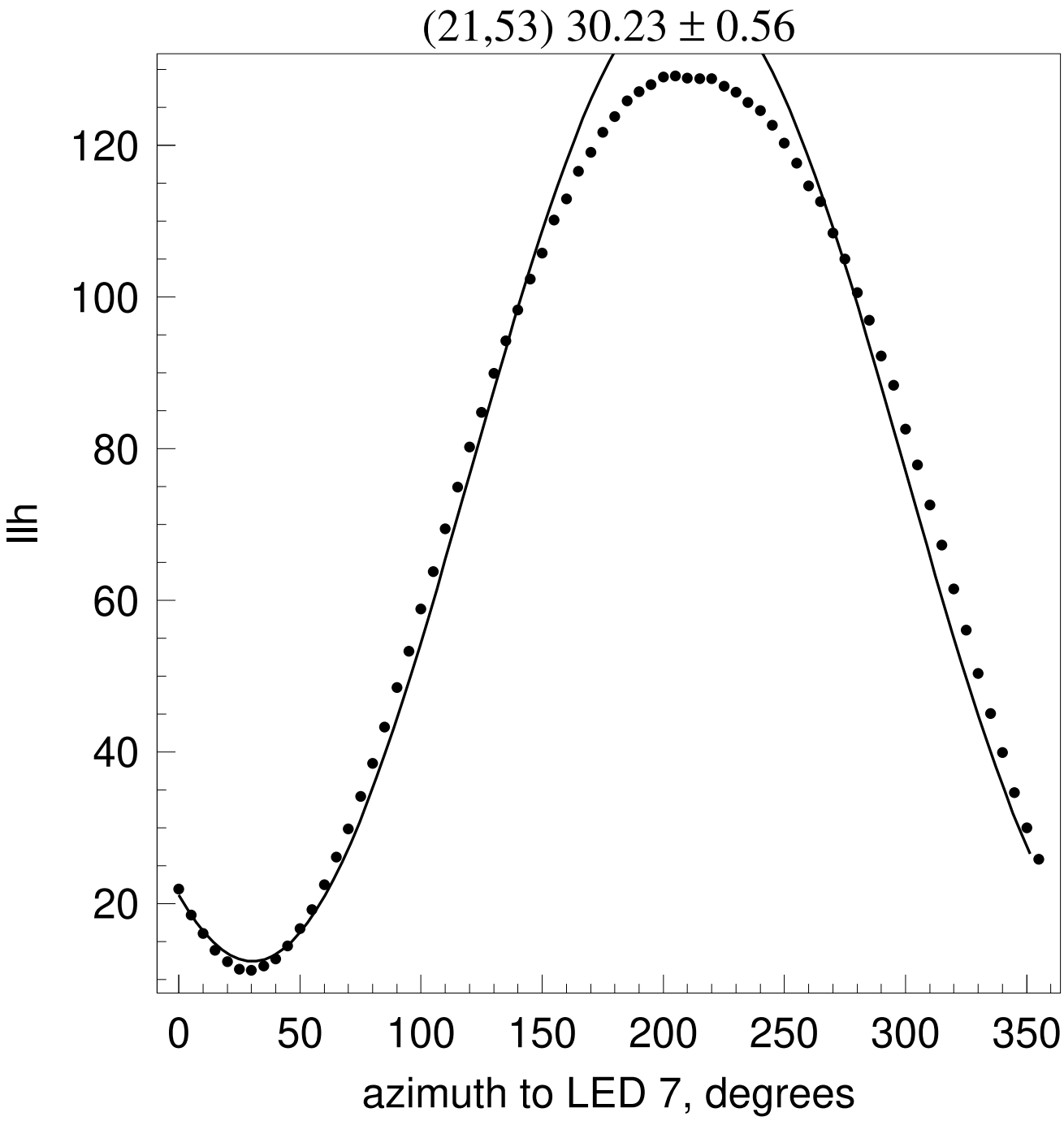

(21,48) 53.12 ± 0.48
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

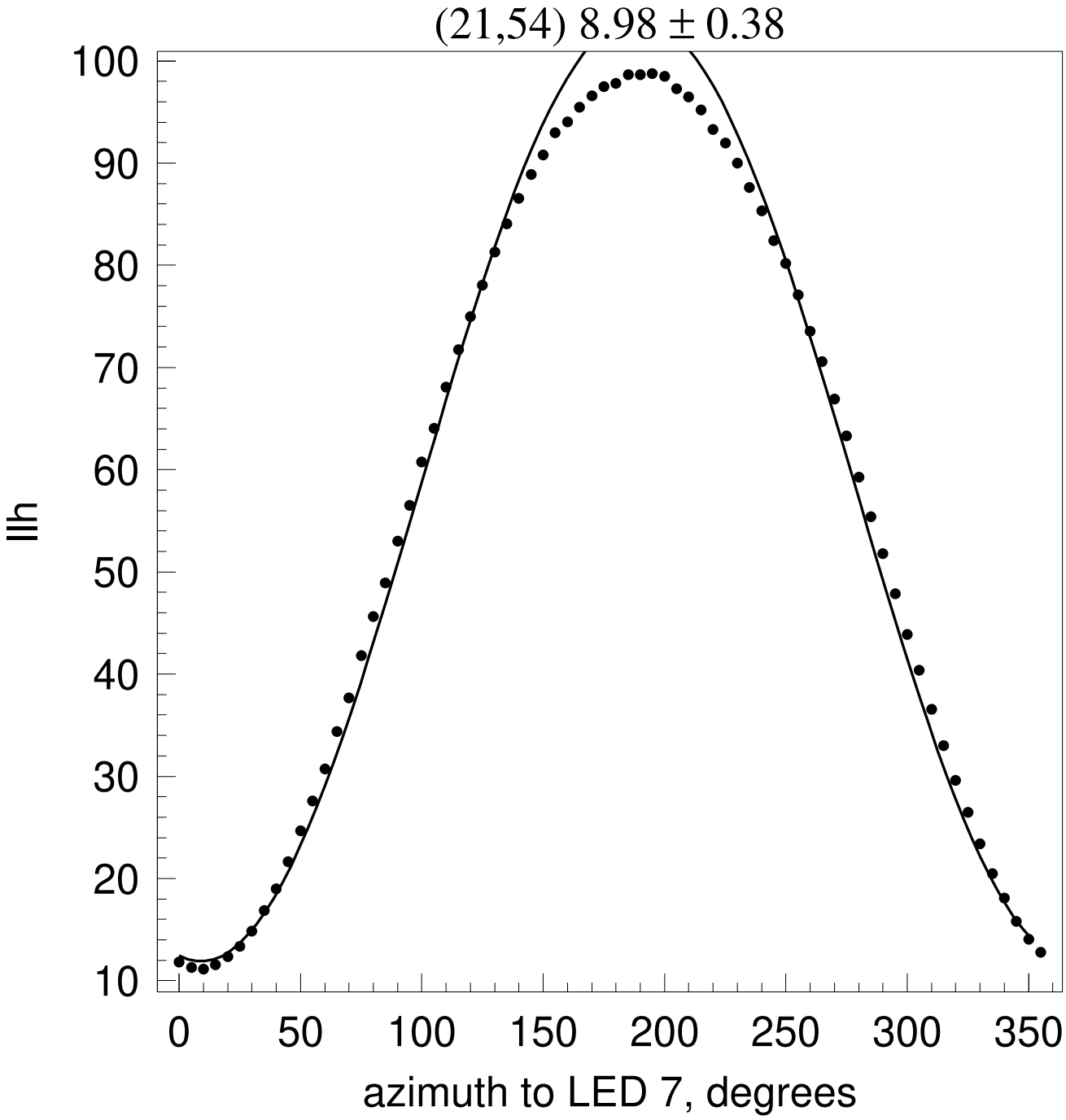

(21,49) 313.80 ± 0.49
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

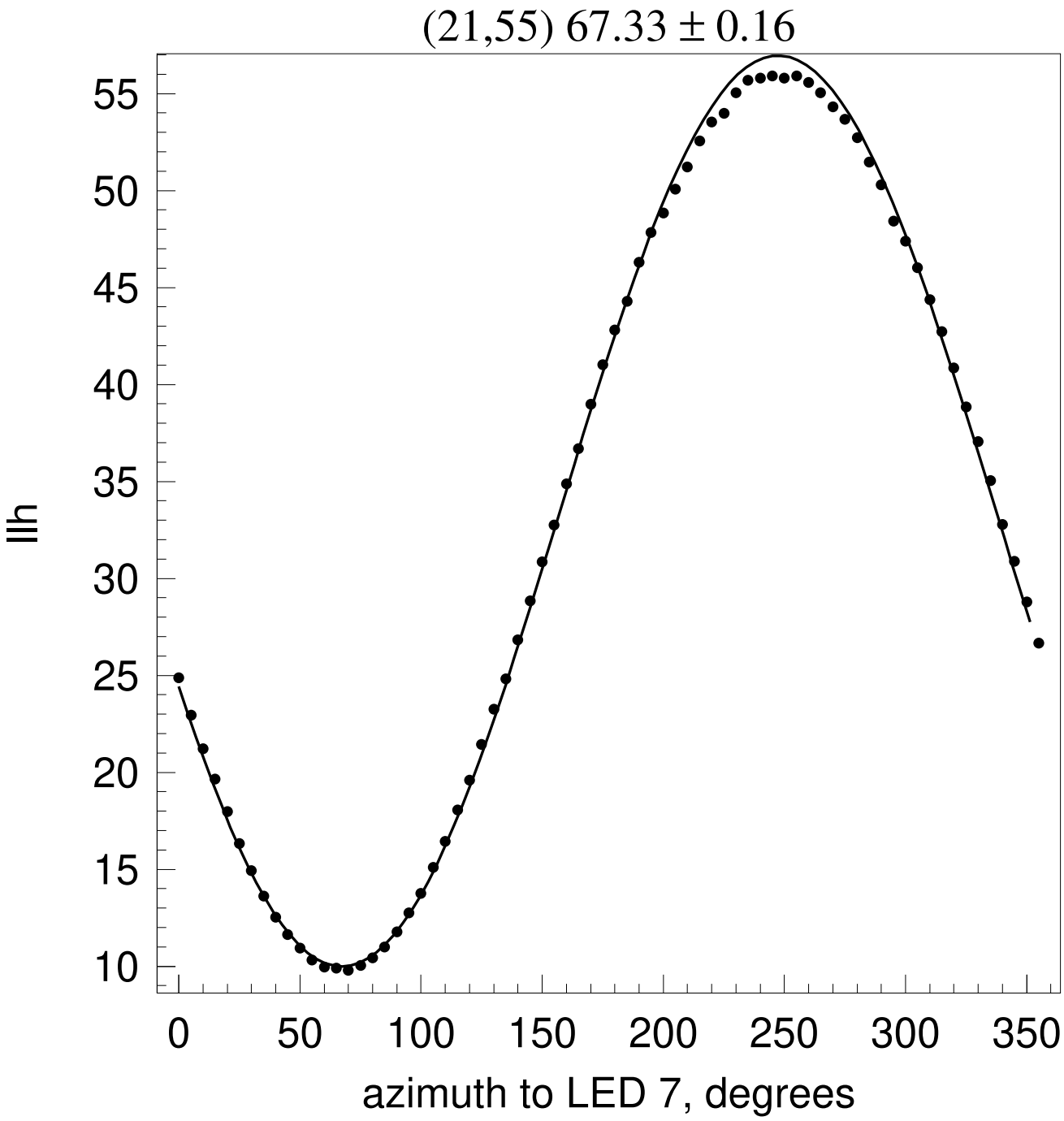

(21,50) 128.57 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

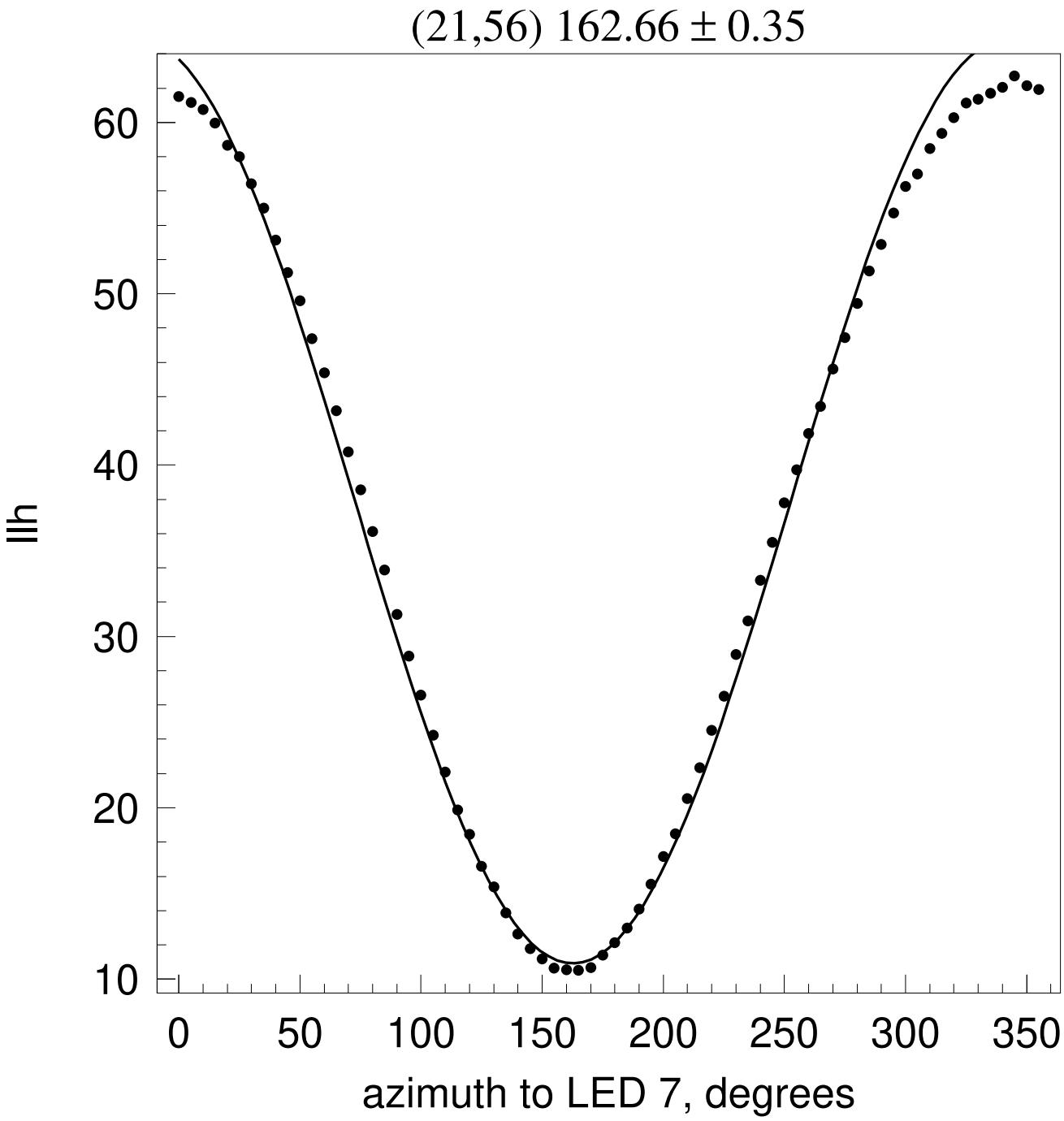

(21,51) 182.44 ± 0.56
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

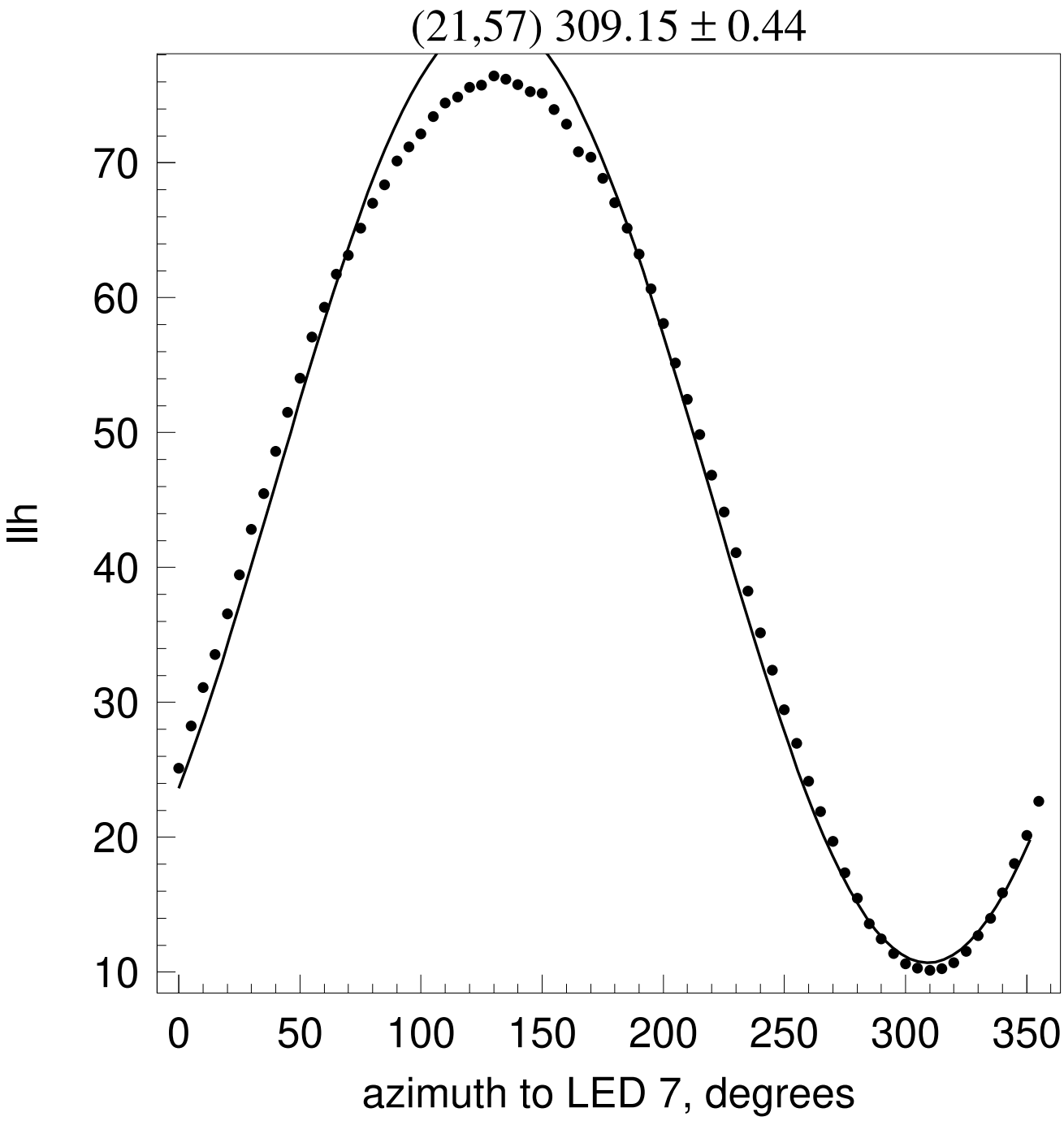

(21,52) 189.88 ± 0.61
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

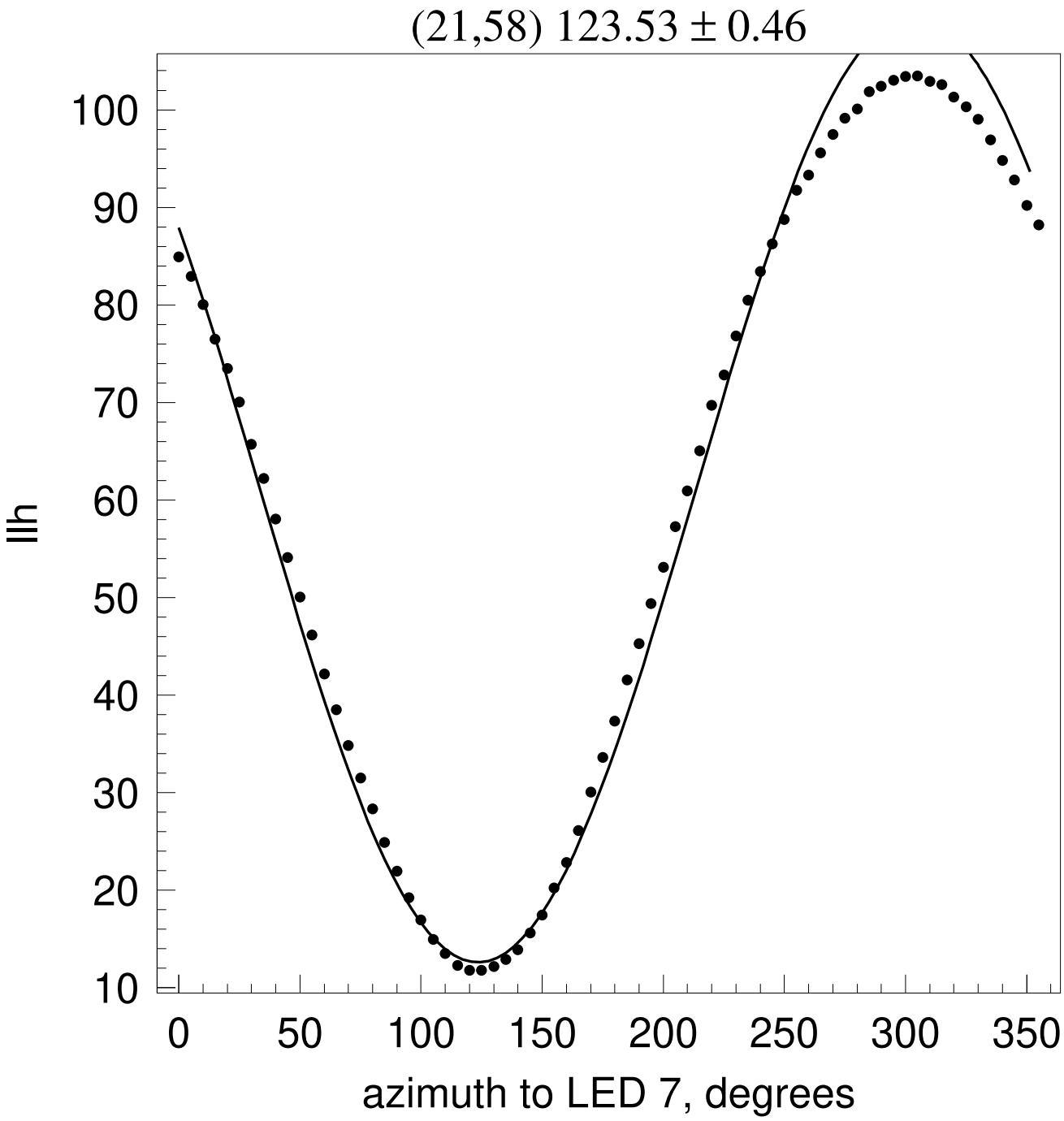

(21,53) 30.23 ± 0.56
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

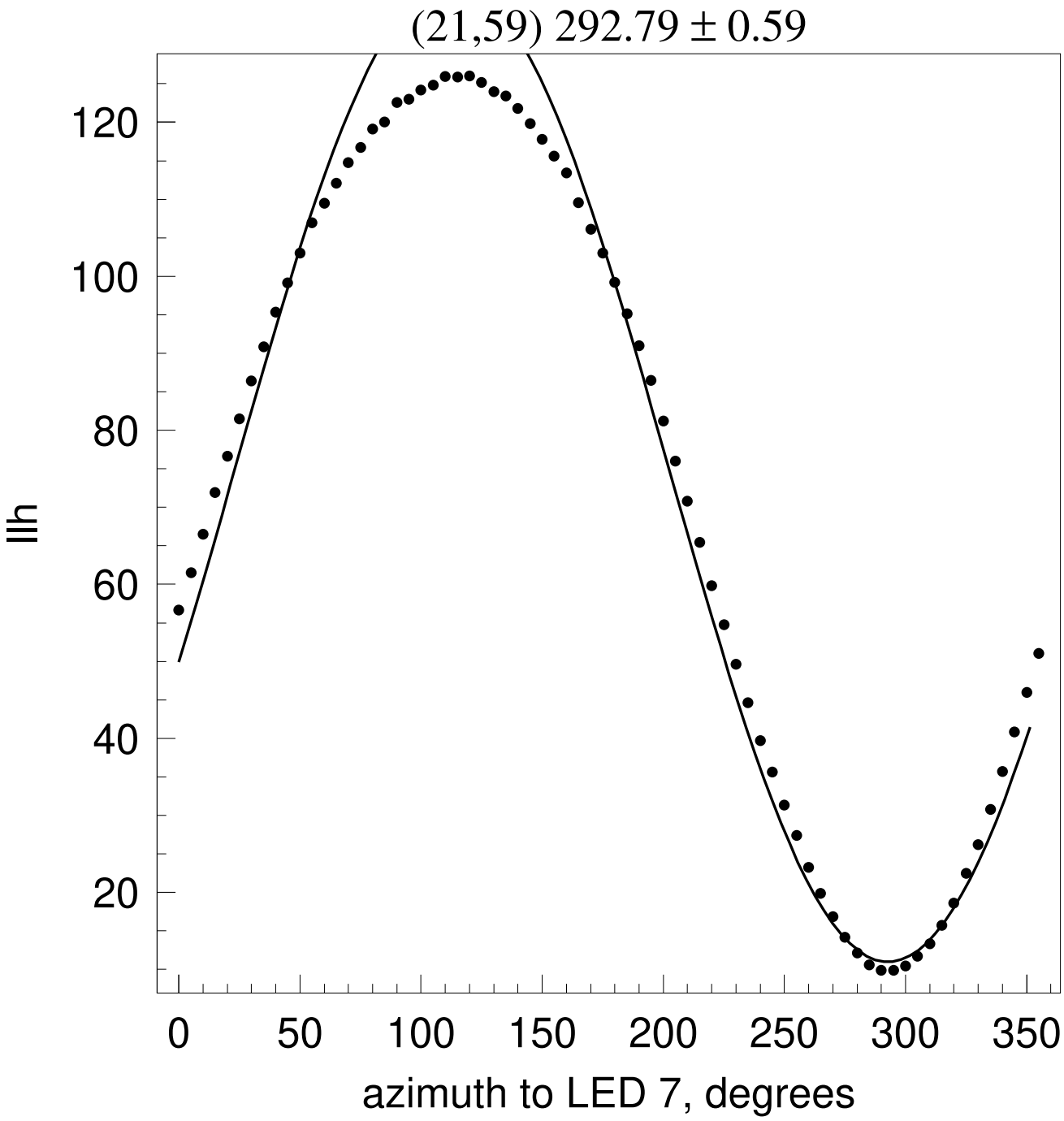

(21,54) 8.98 ± 0.38
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

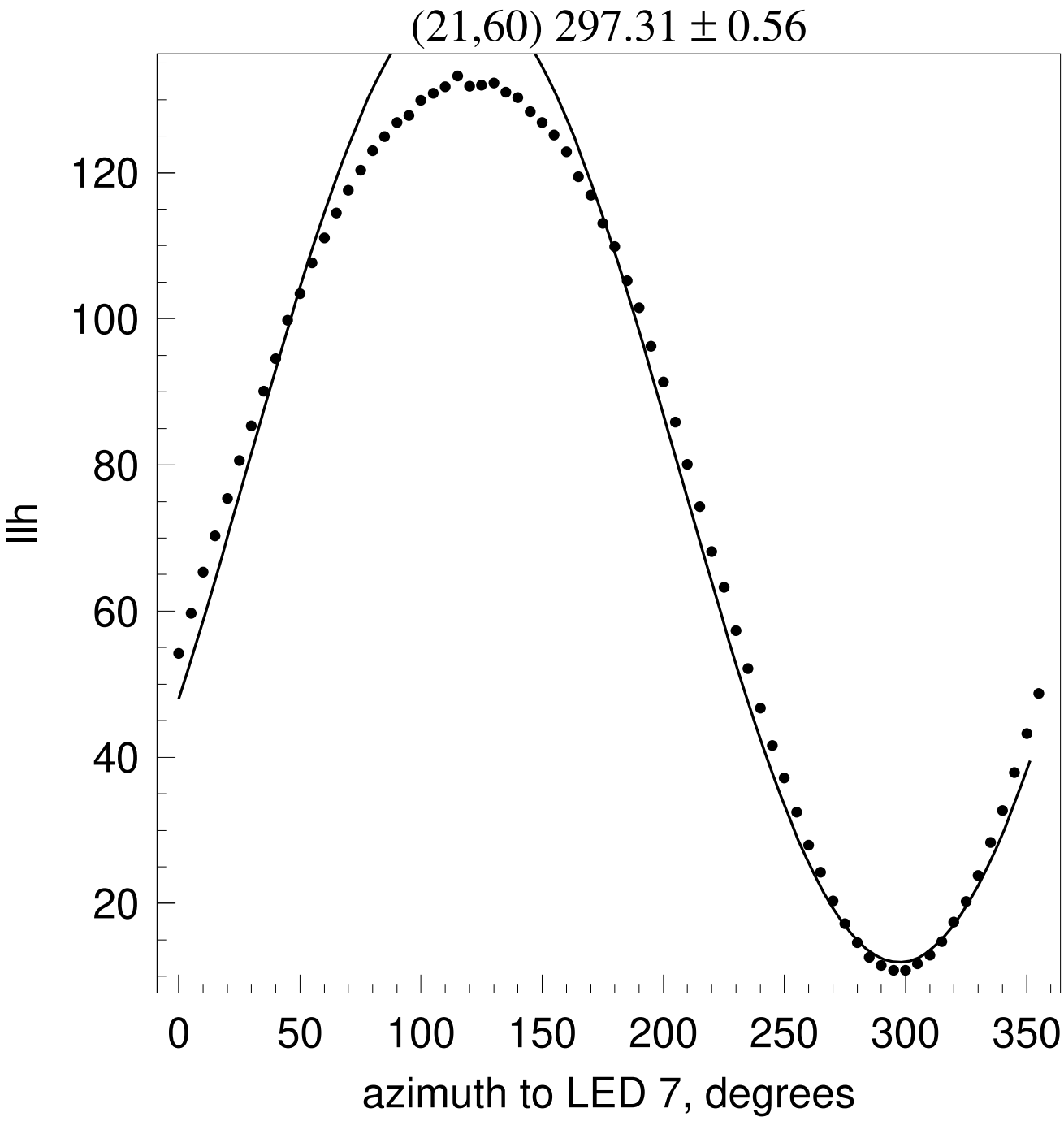

(21,55) 67.33 ± 0.16
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

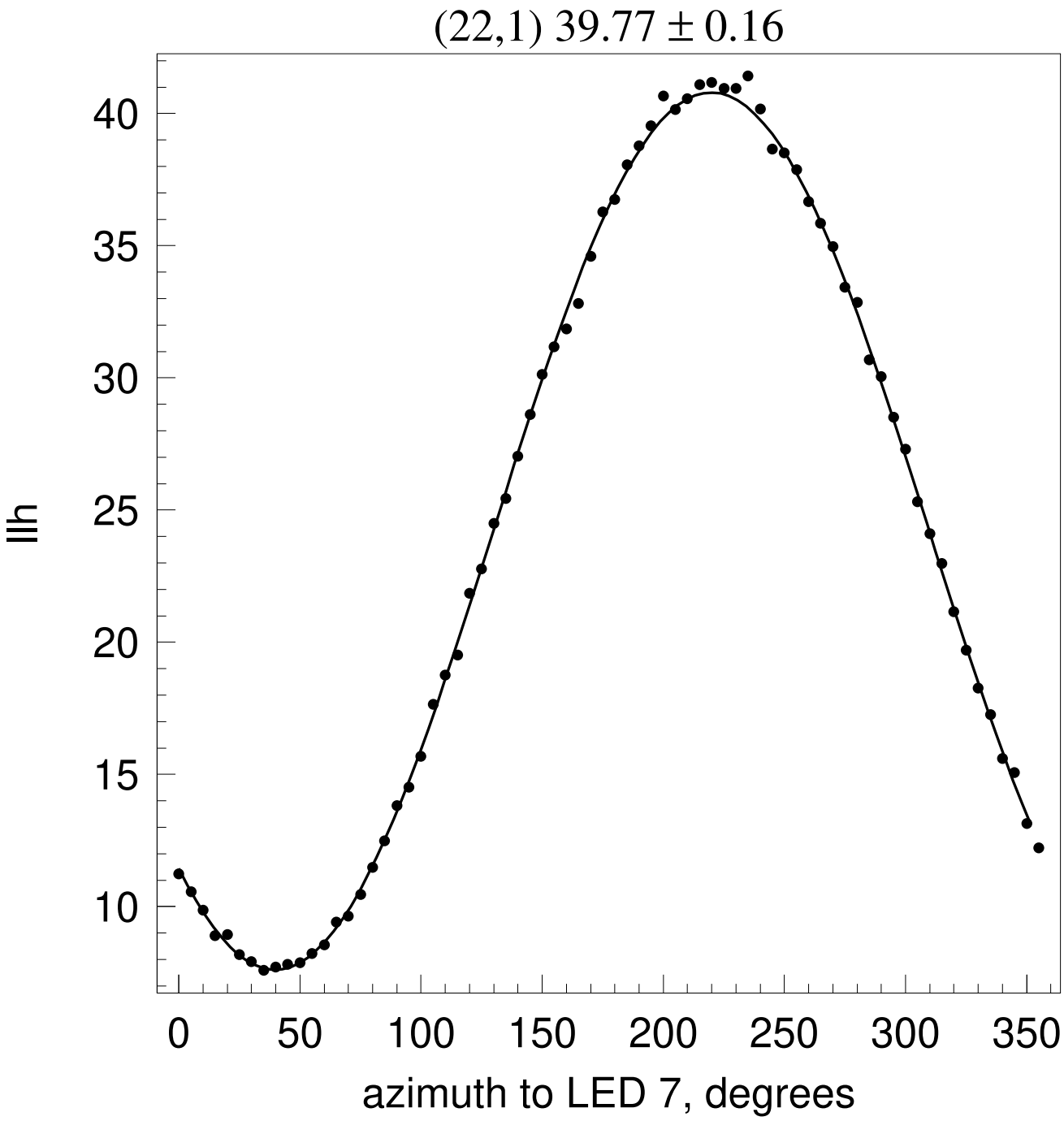

(21,56) 162.66 ± 0.35
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

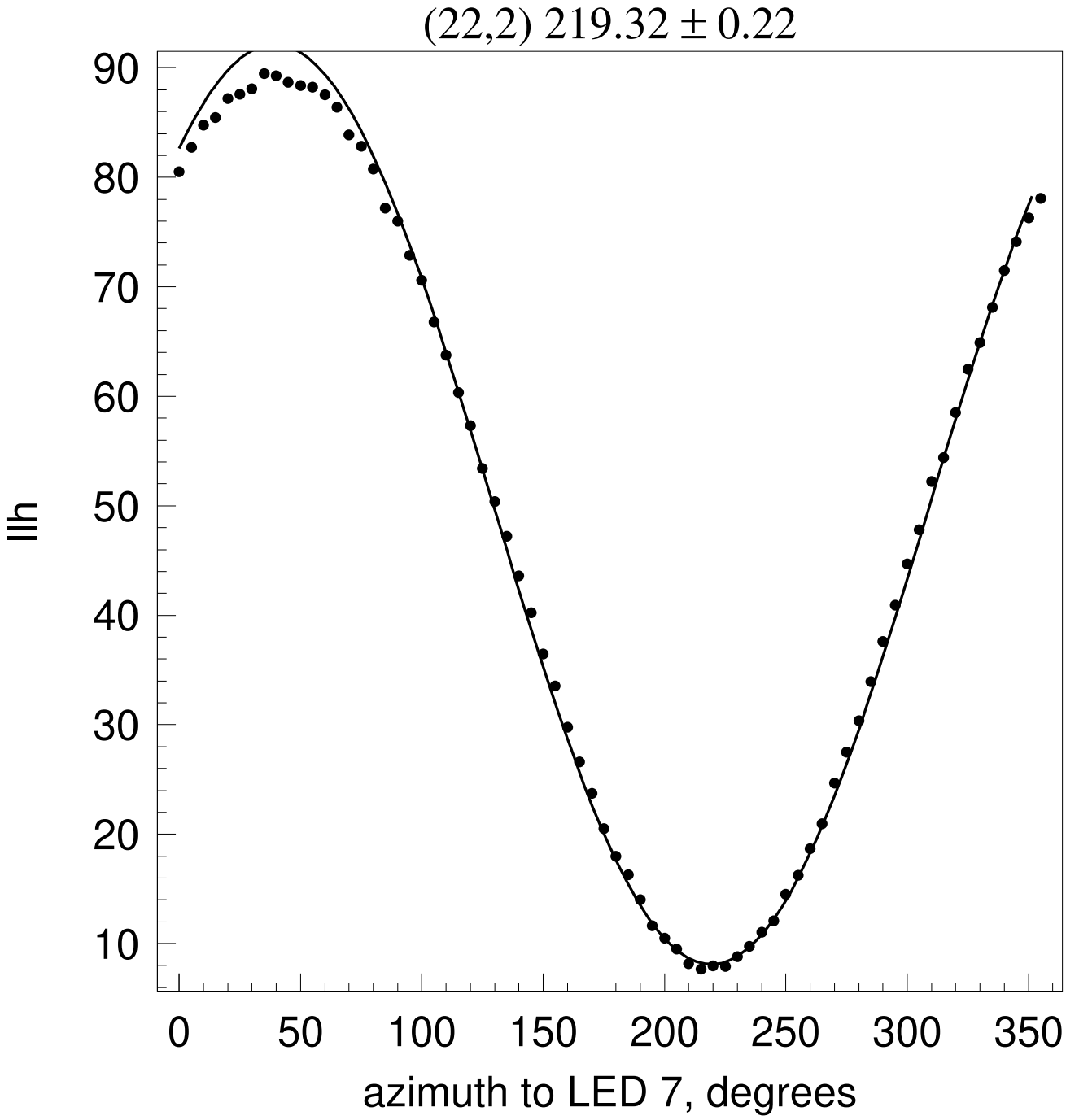

(21,57) 309.15 ± 0.44
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

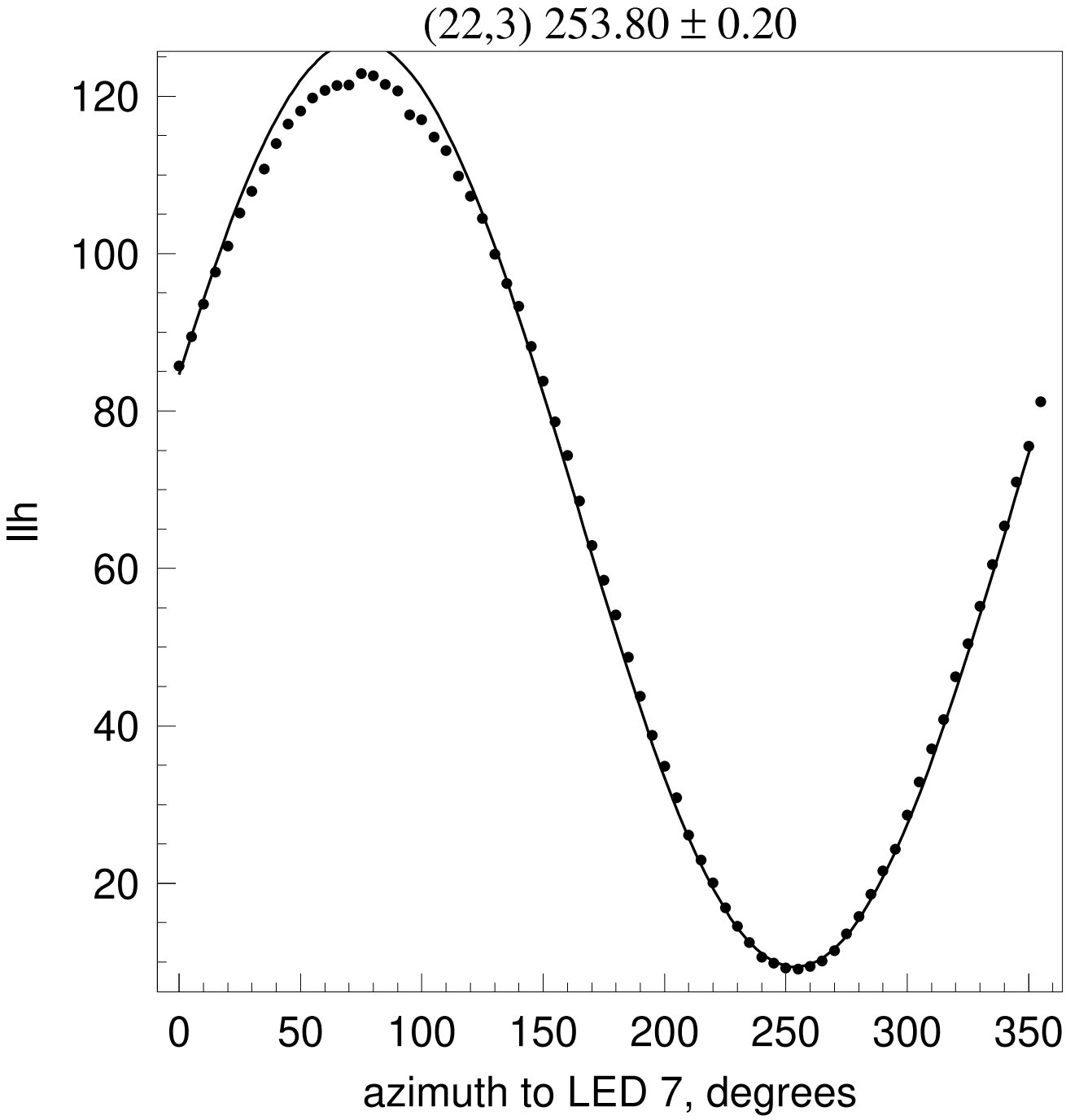

(21,58) 123.53 ± 0.46
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

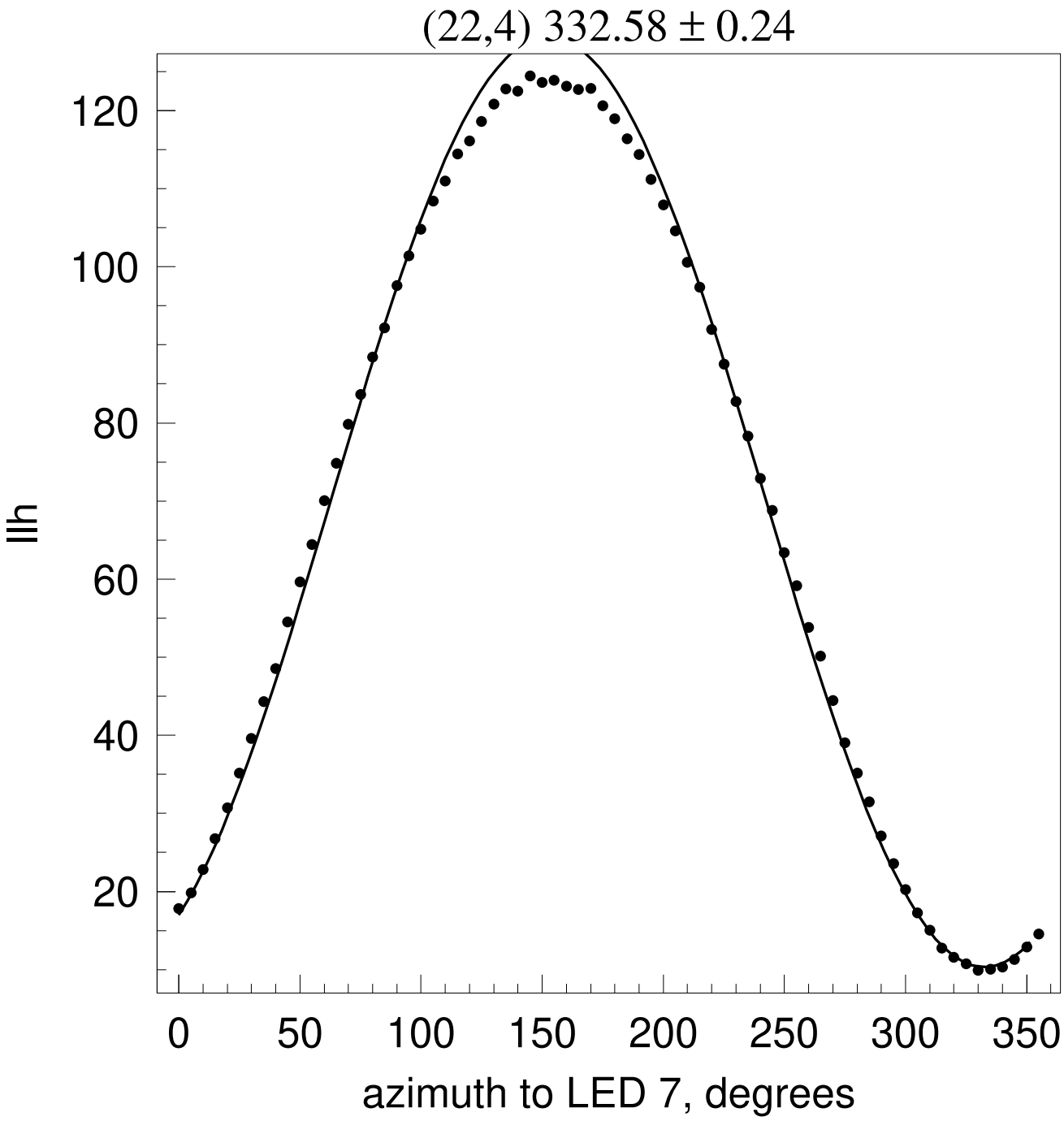

(21,59) 292.79 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

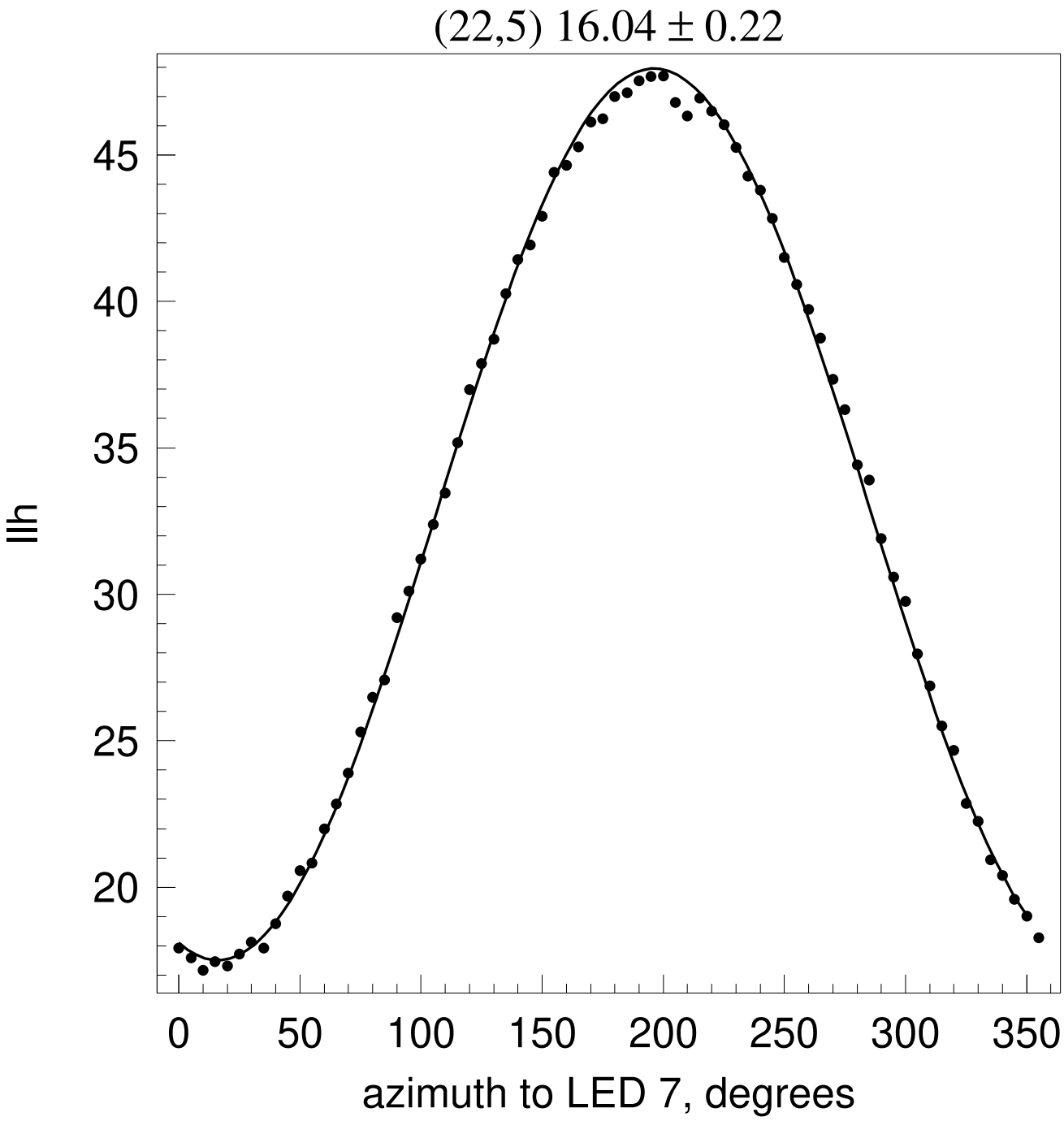

(21,60) 297.31 ± 0.56
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

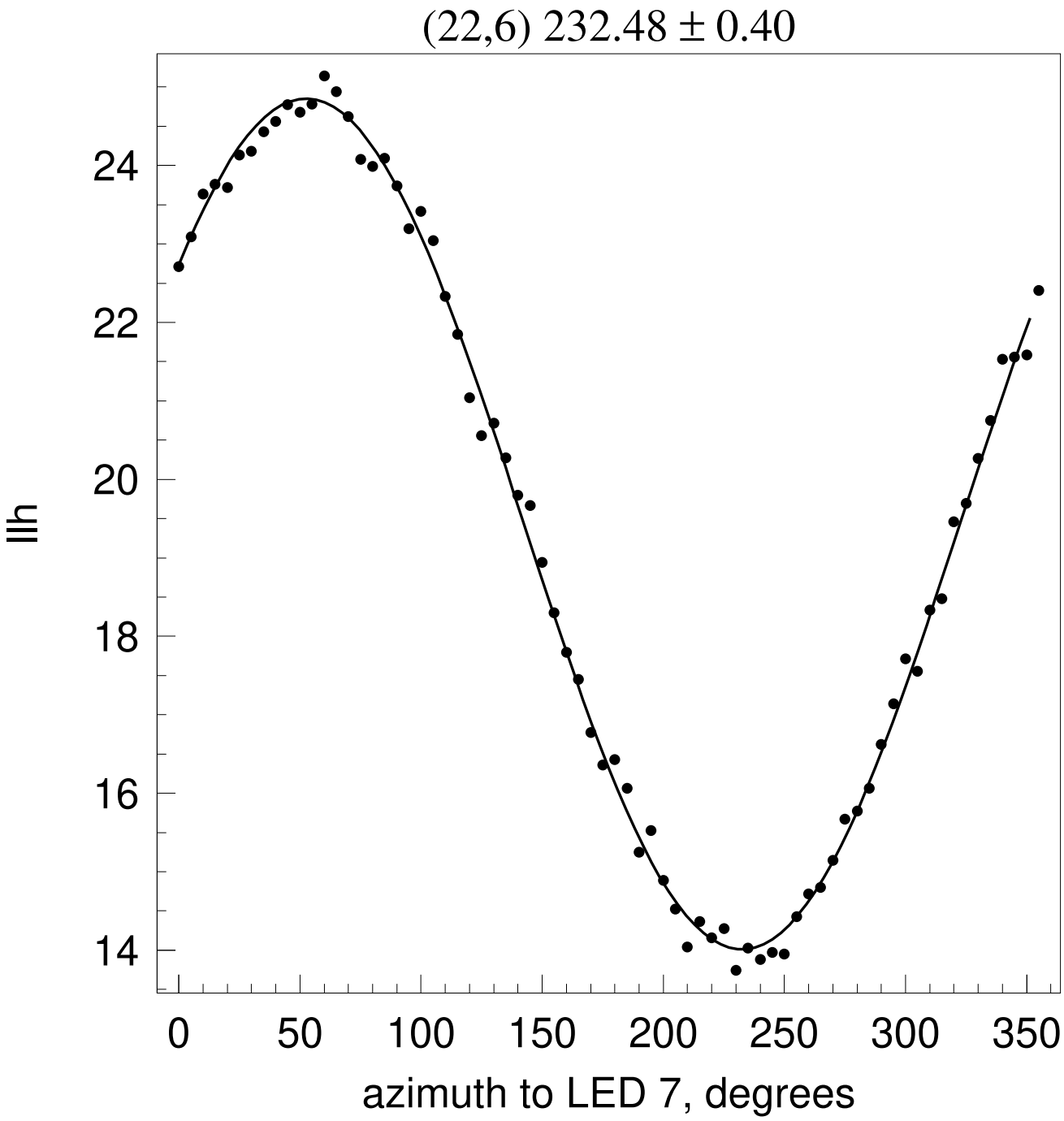

(22,1) 39.77 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

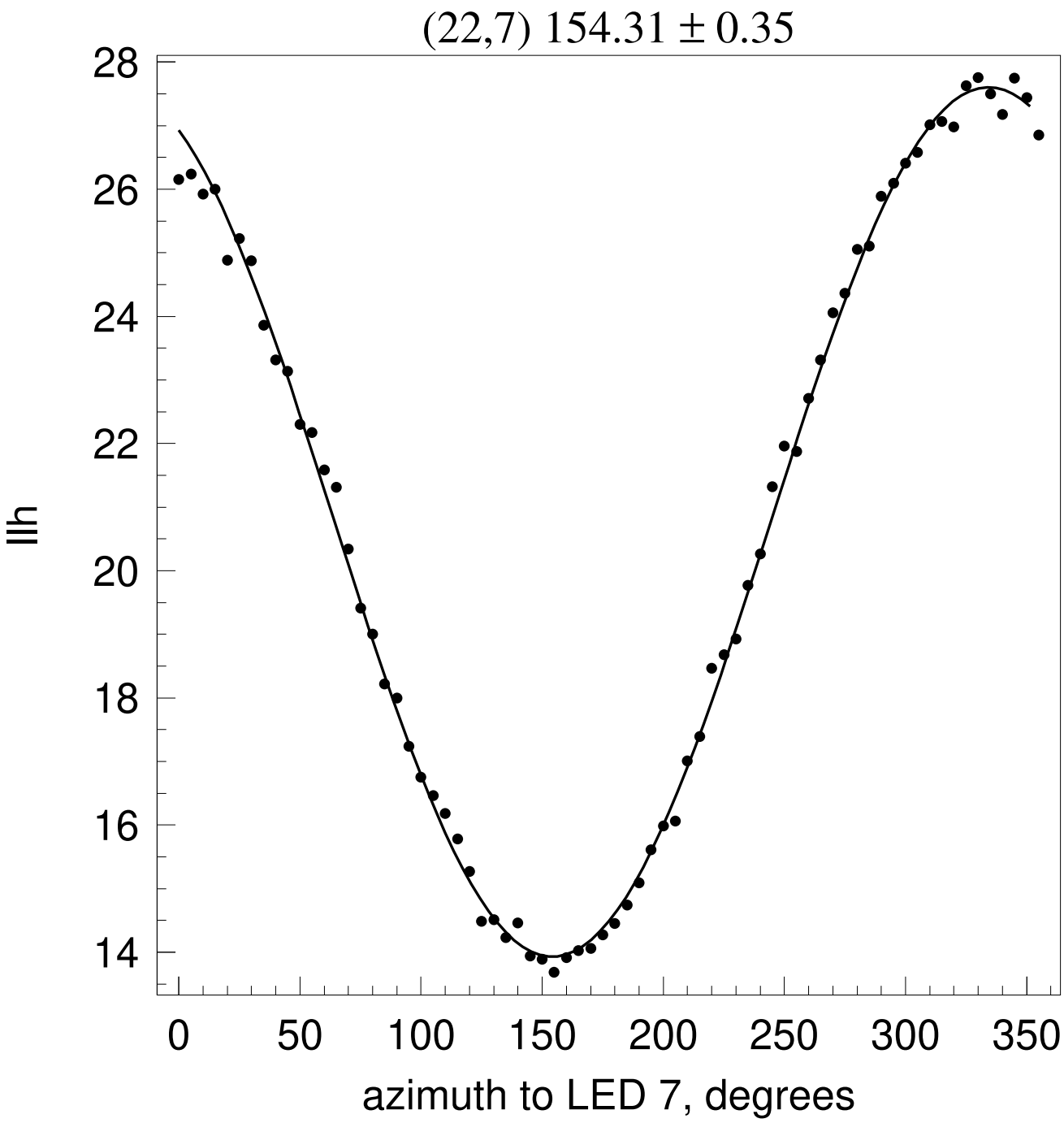

(22,2) 219.32 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

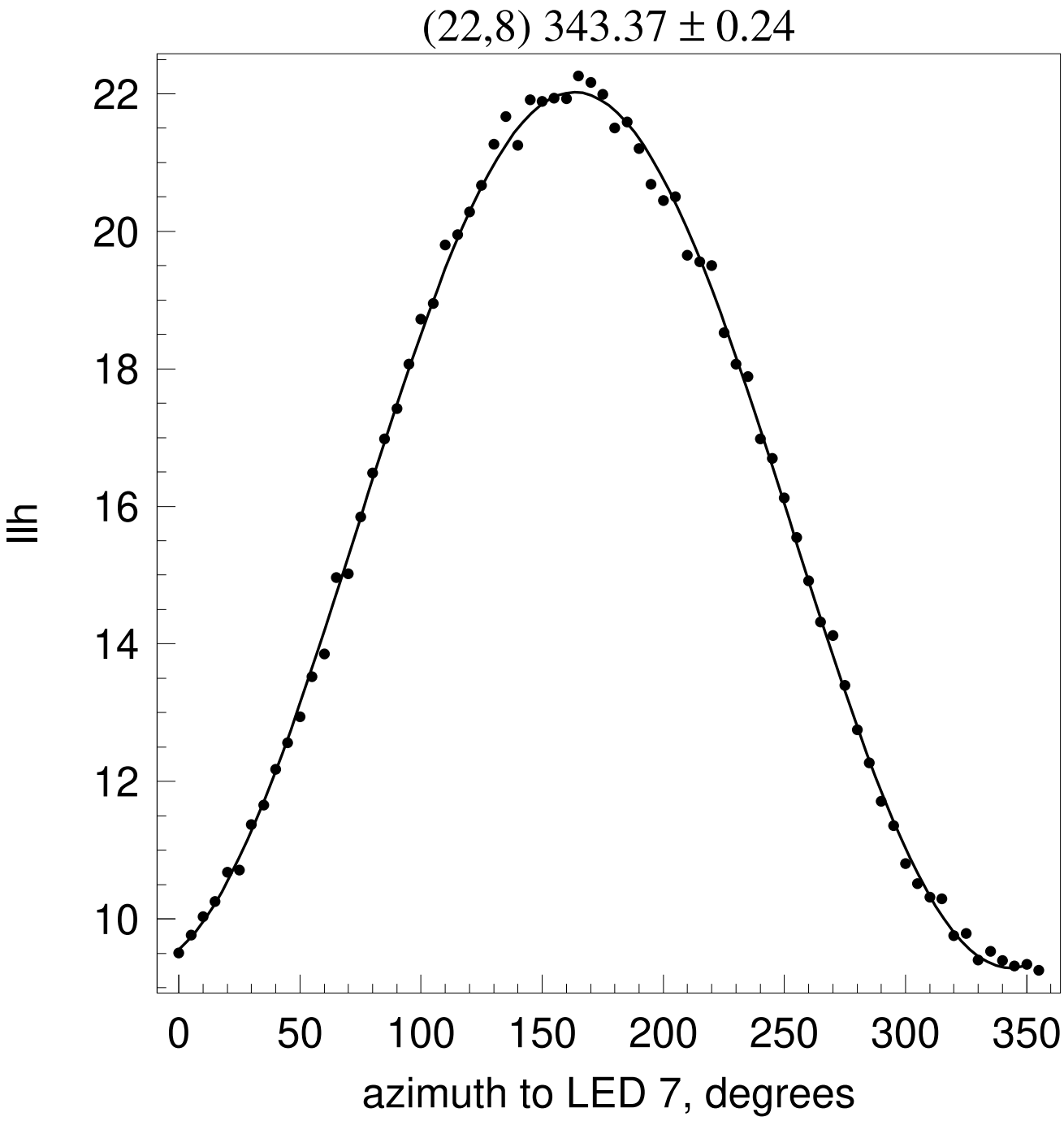

(22,3) 253.80 ± 0.20
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

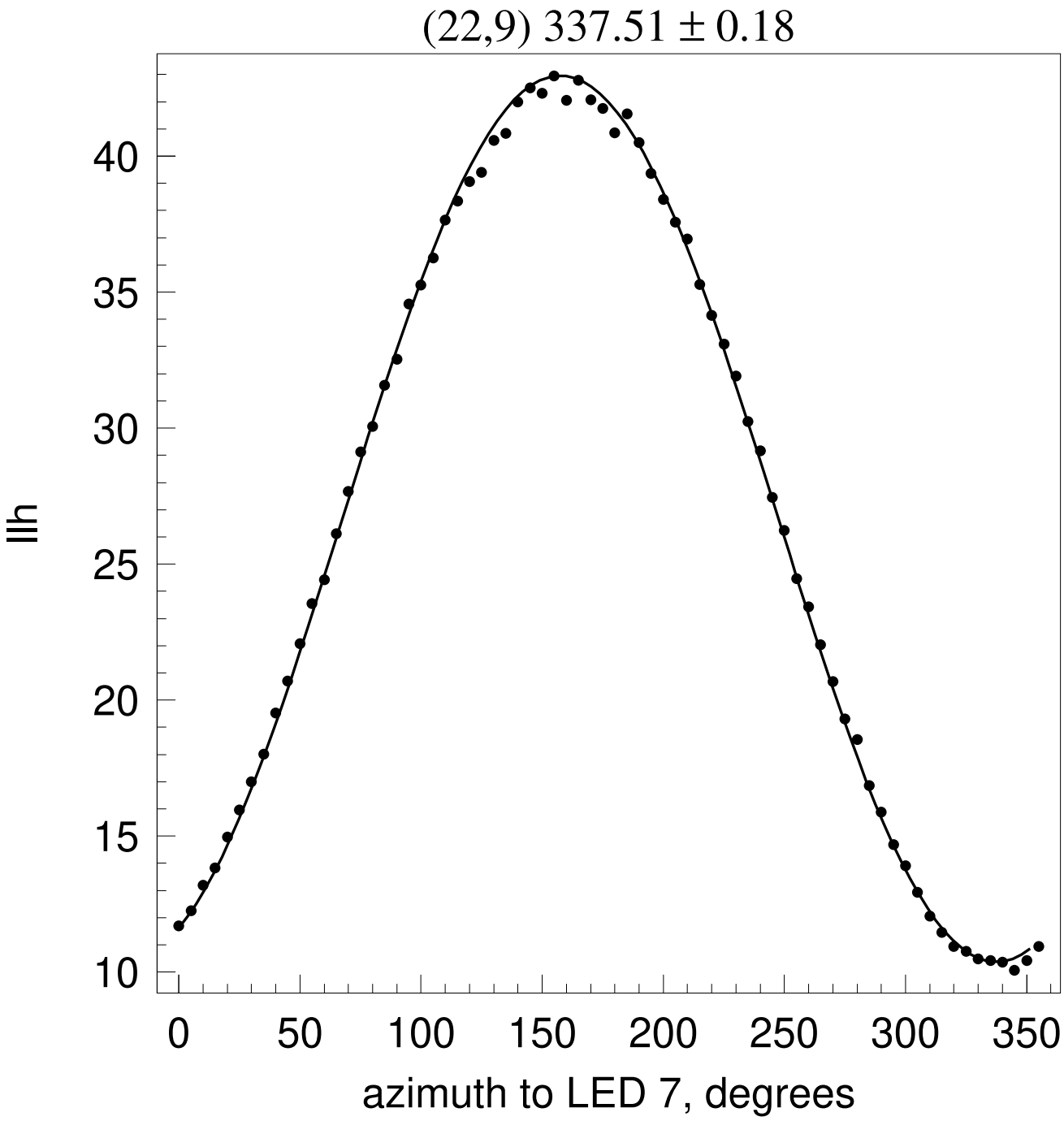

(22,4) 332.58 ± 0.24
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

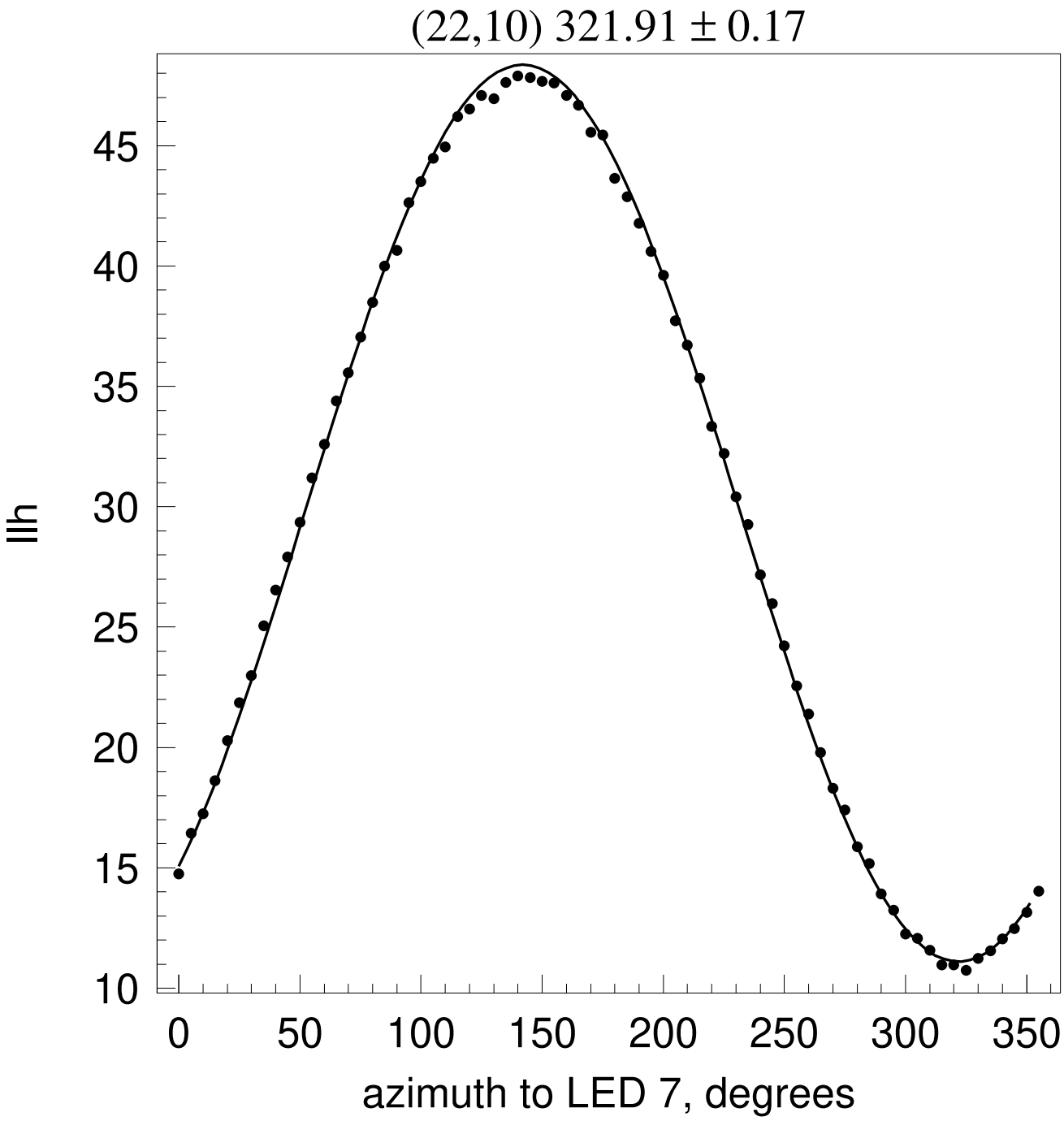

(22,5) 16.04 ± 0.22
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

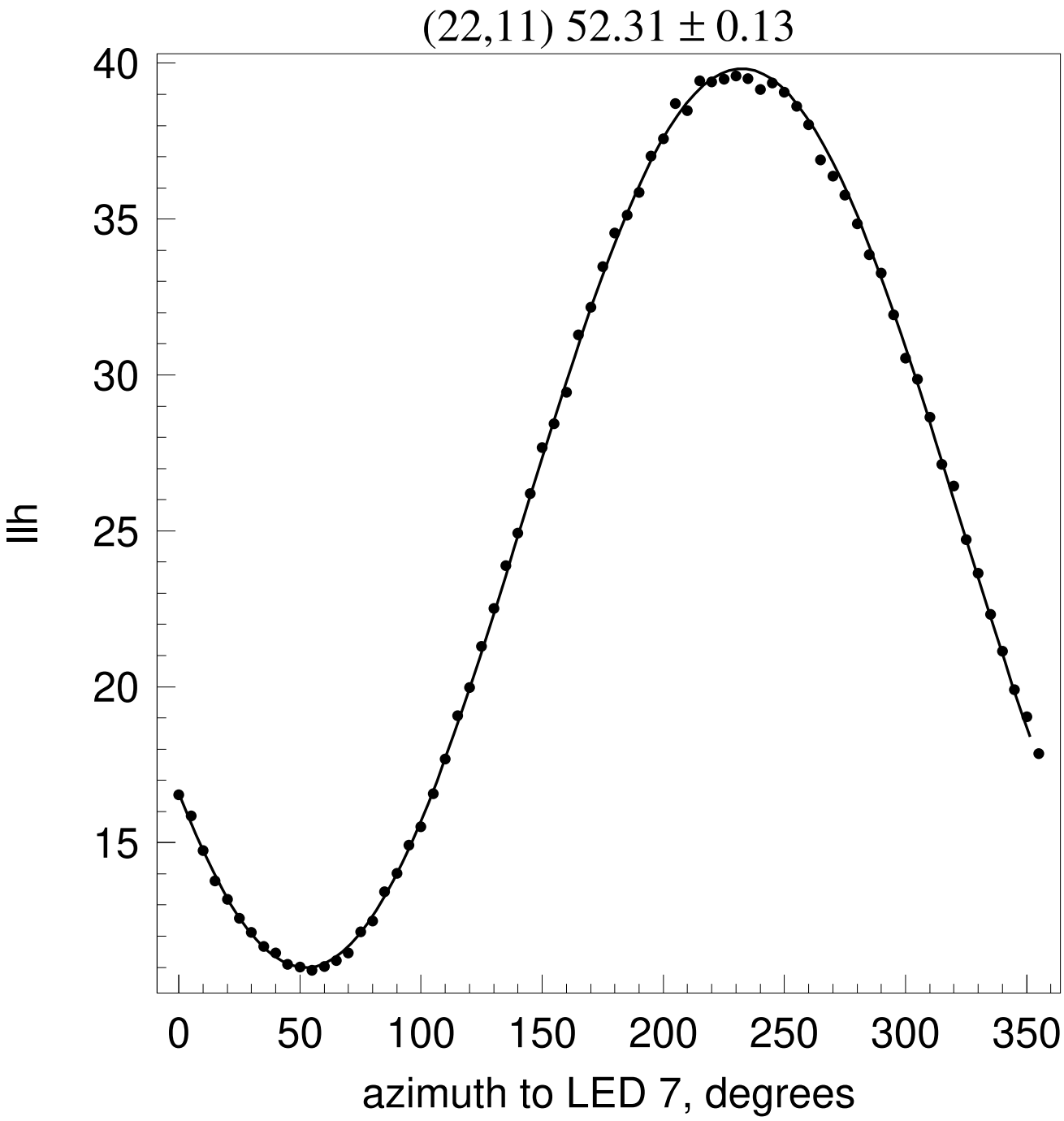

(22,6) 232.48 ± 0.40
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

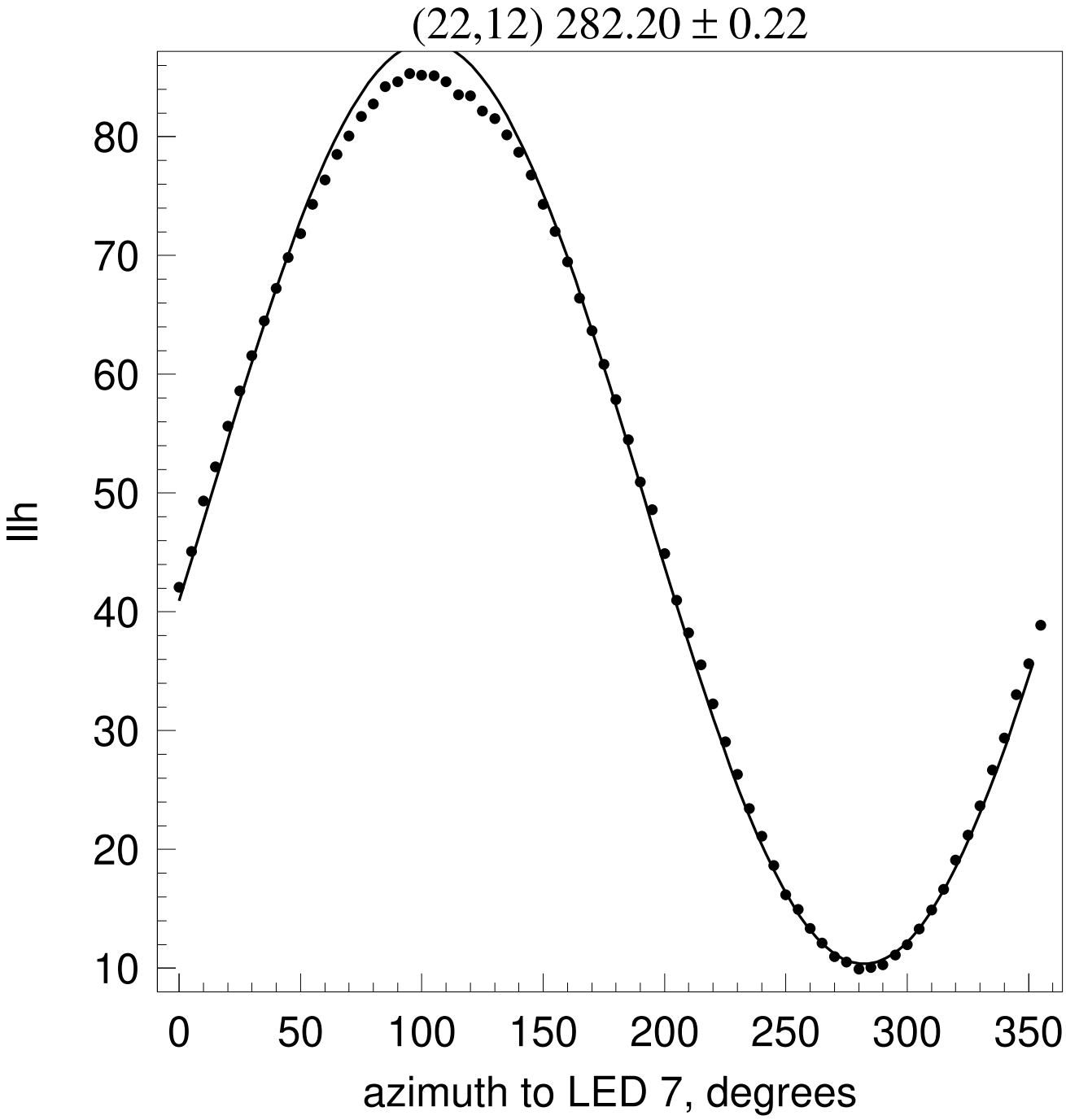

(22,7) 154.31 ± 0.35
28
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

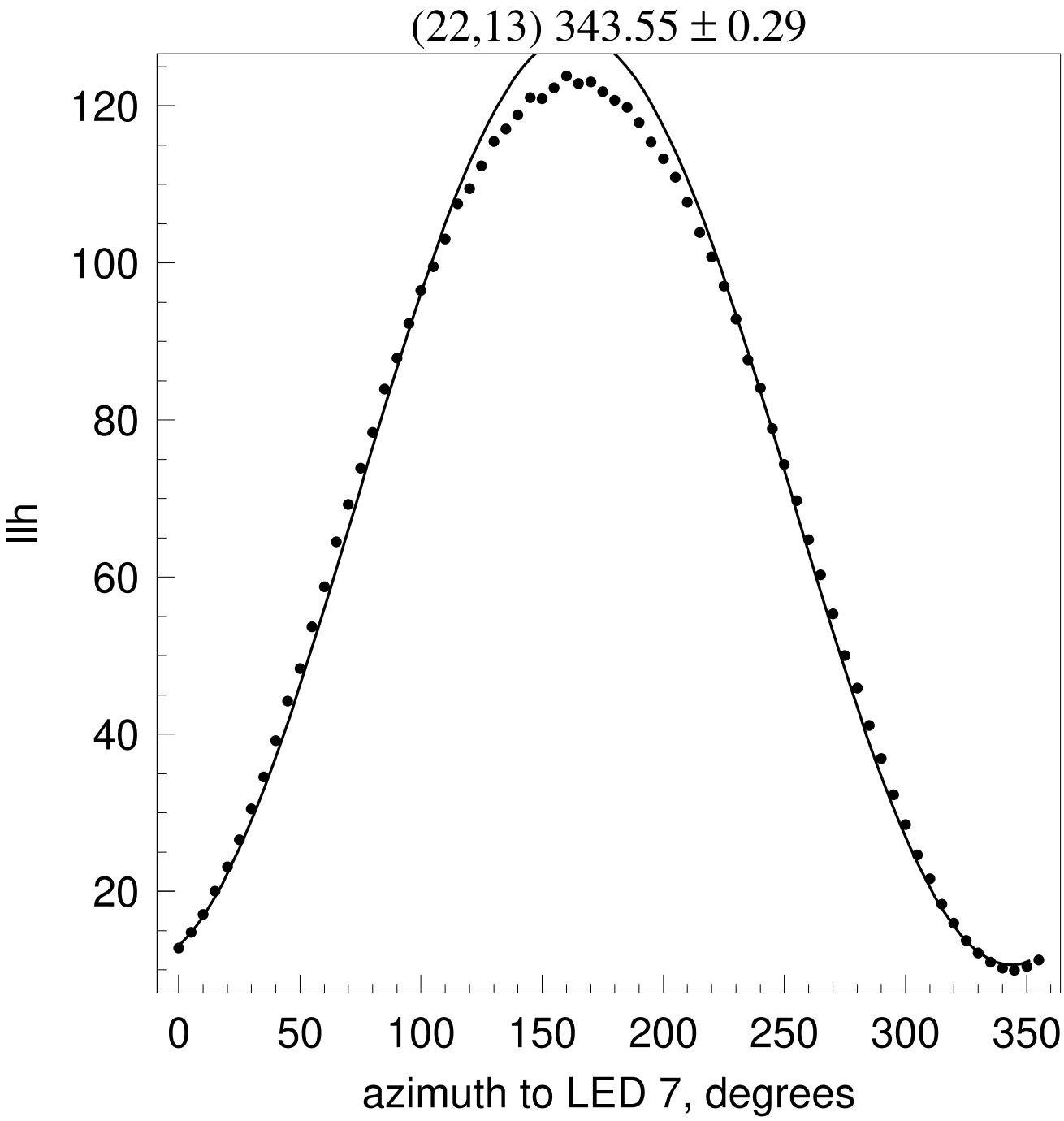

(22,8) 343.37 ± 0.24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

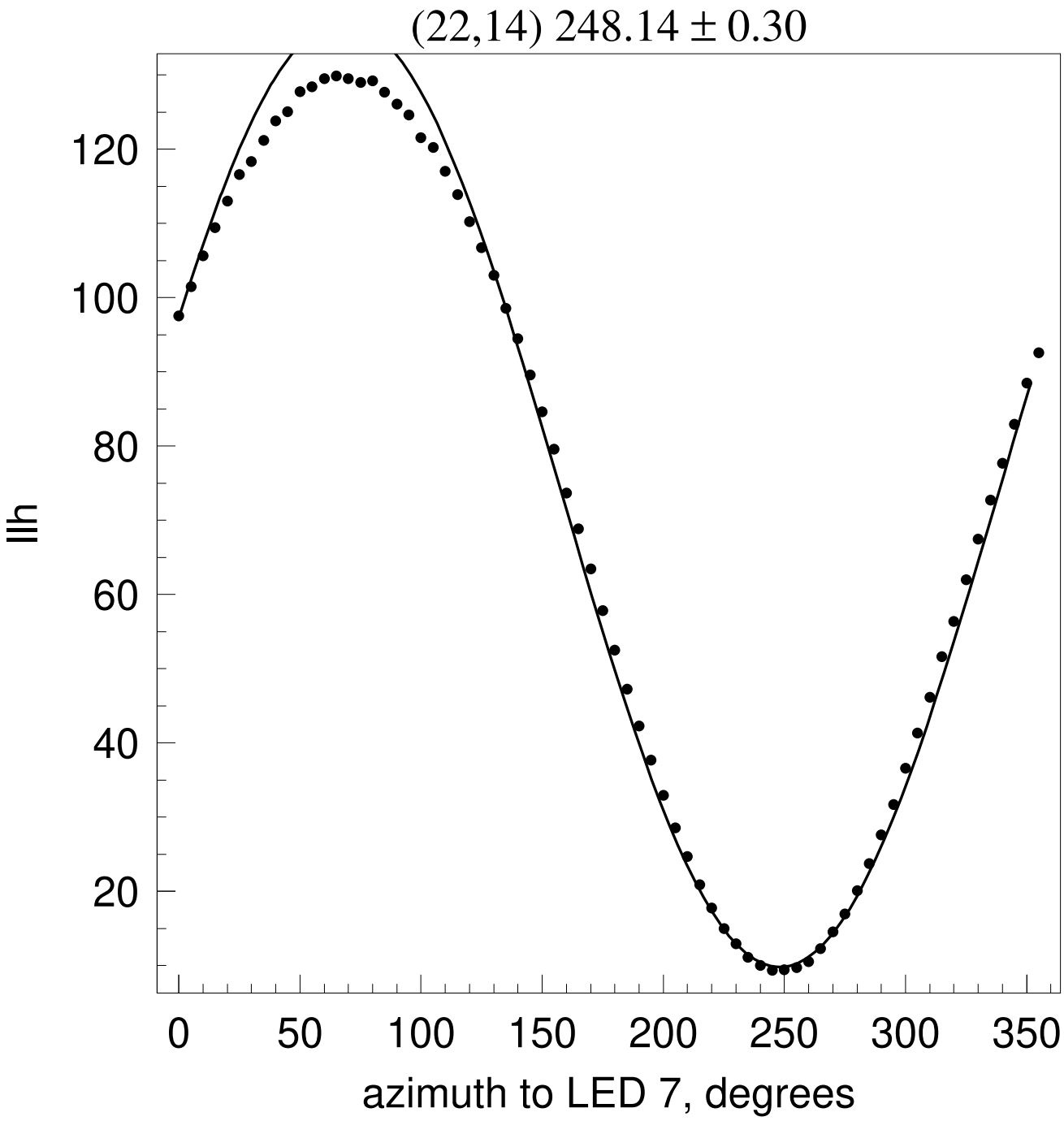

(22,9) 337.51 ± 0.18
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

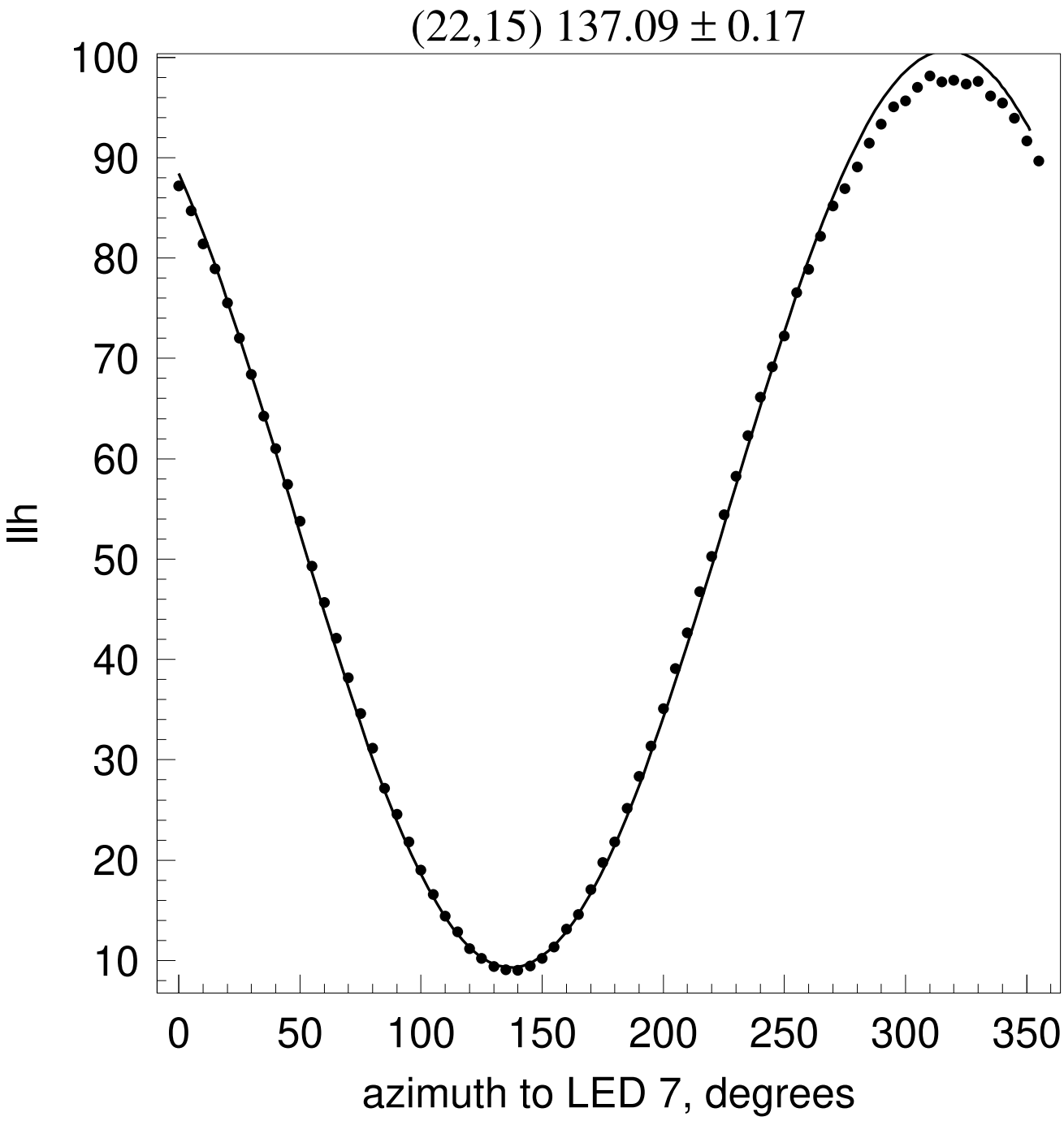

(22,10) 321.91 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

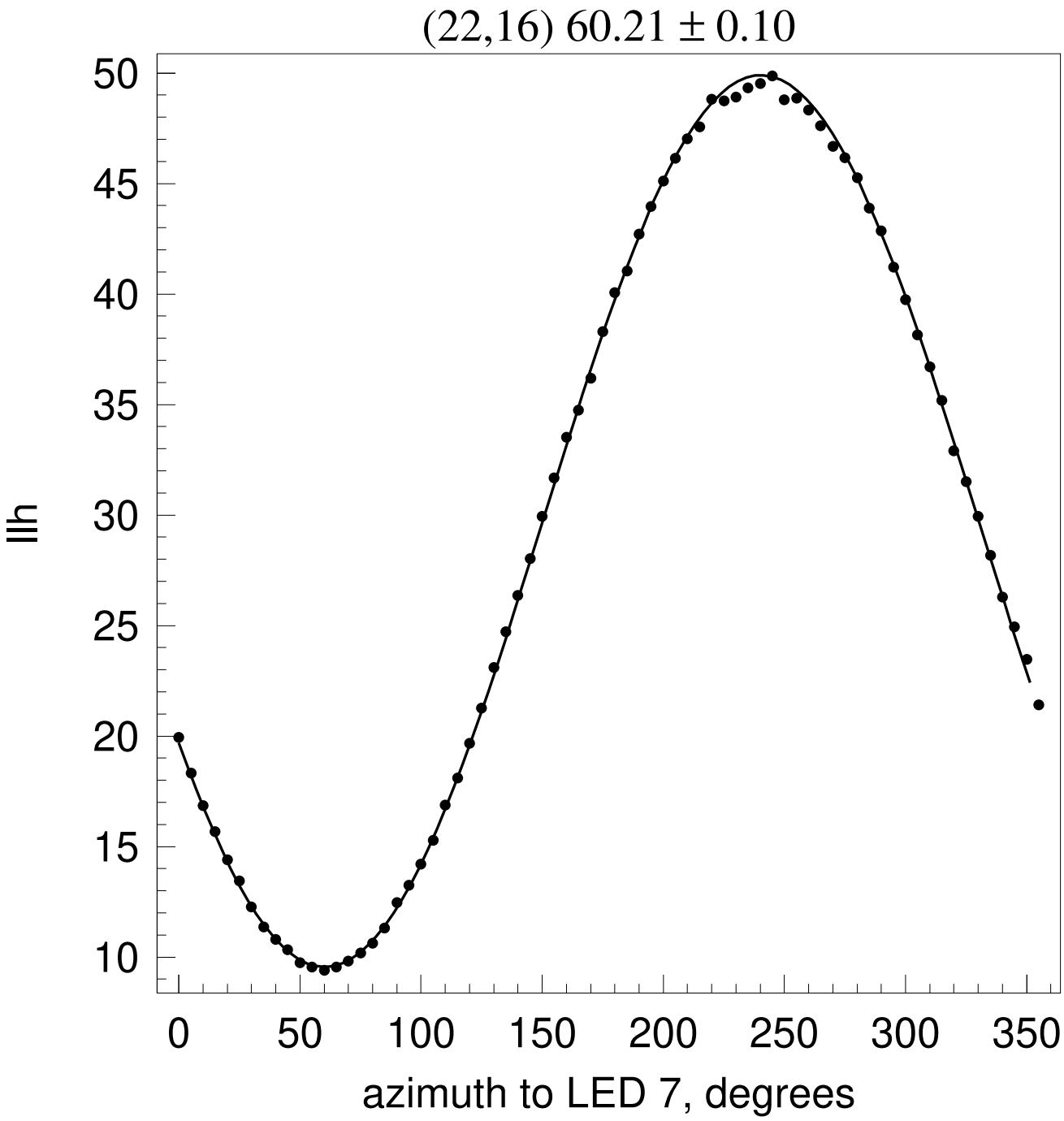

(22,11) 52.31 ± 0.13
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

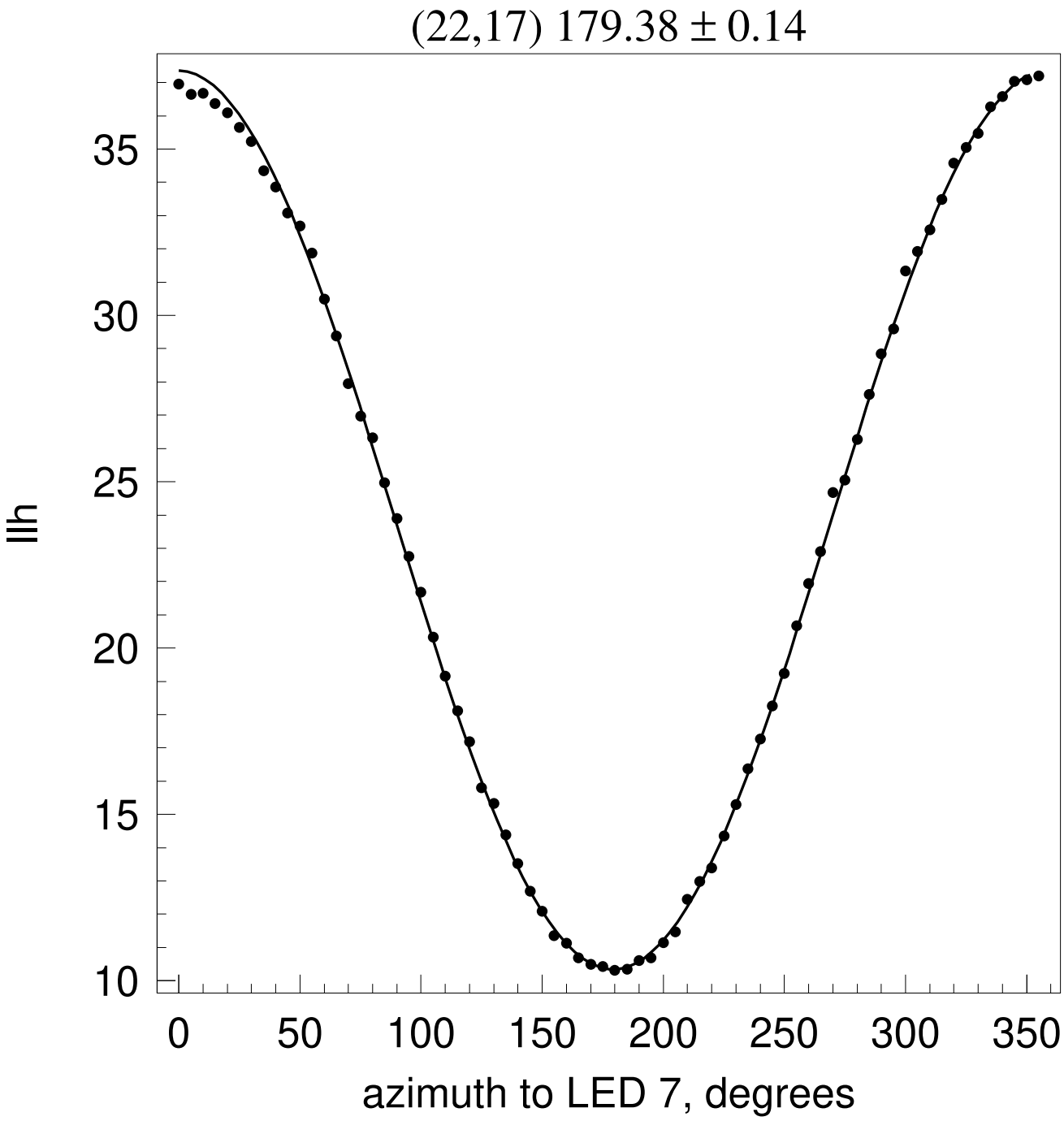

(22,12) 282.20 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

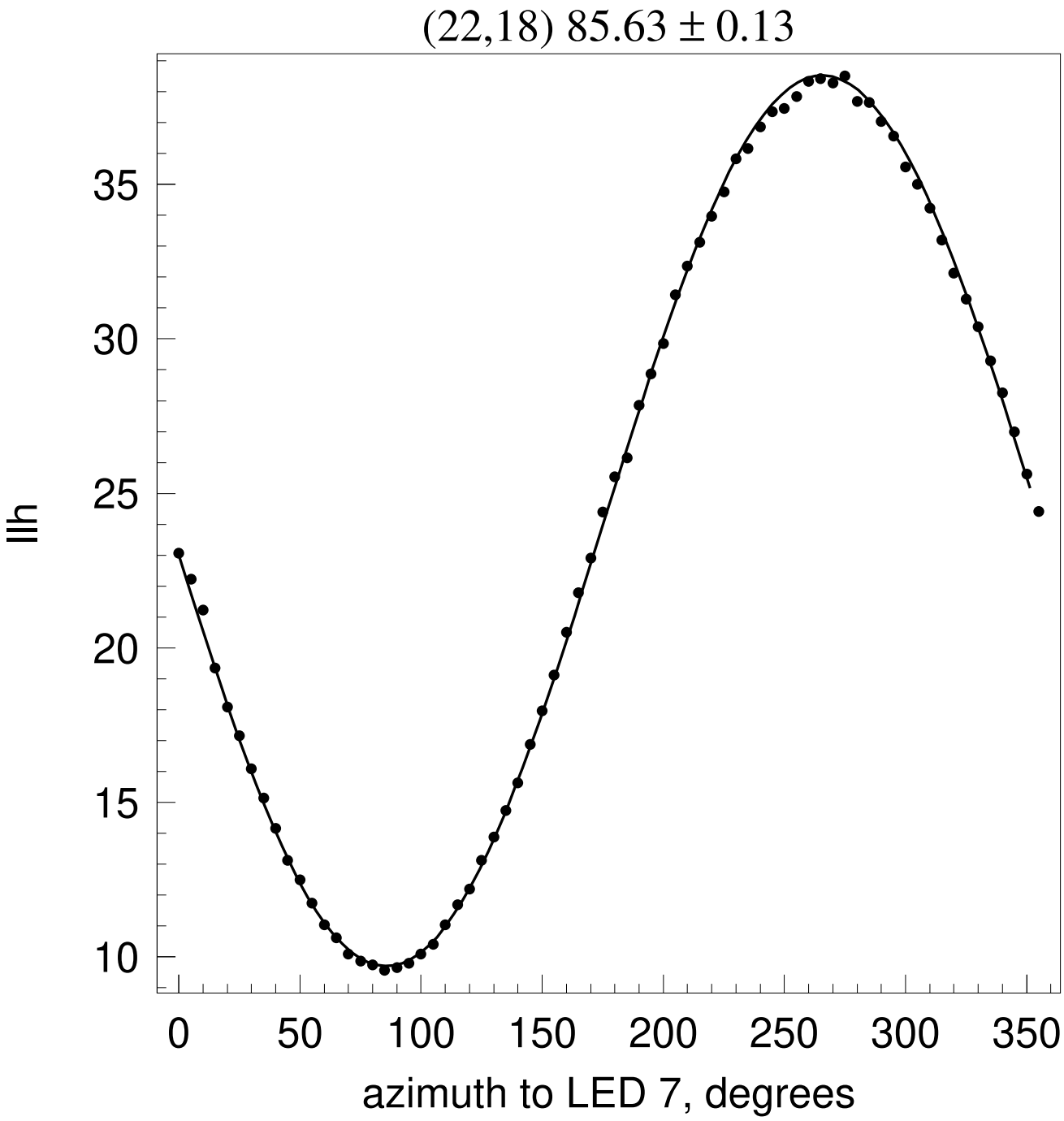

(22,13) 343.55 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

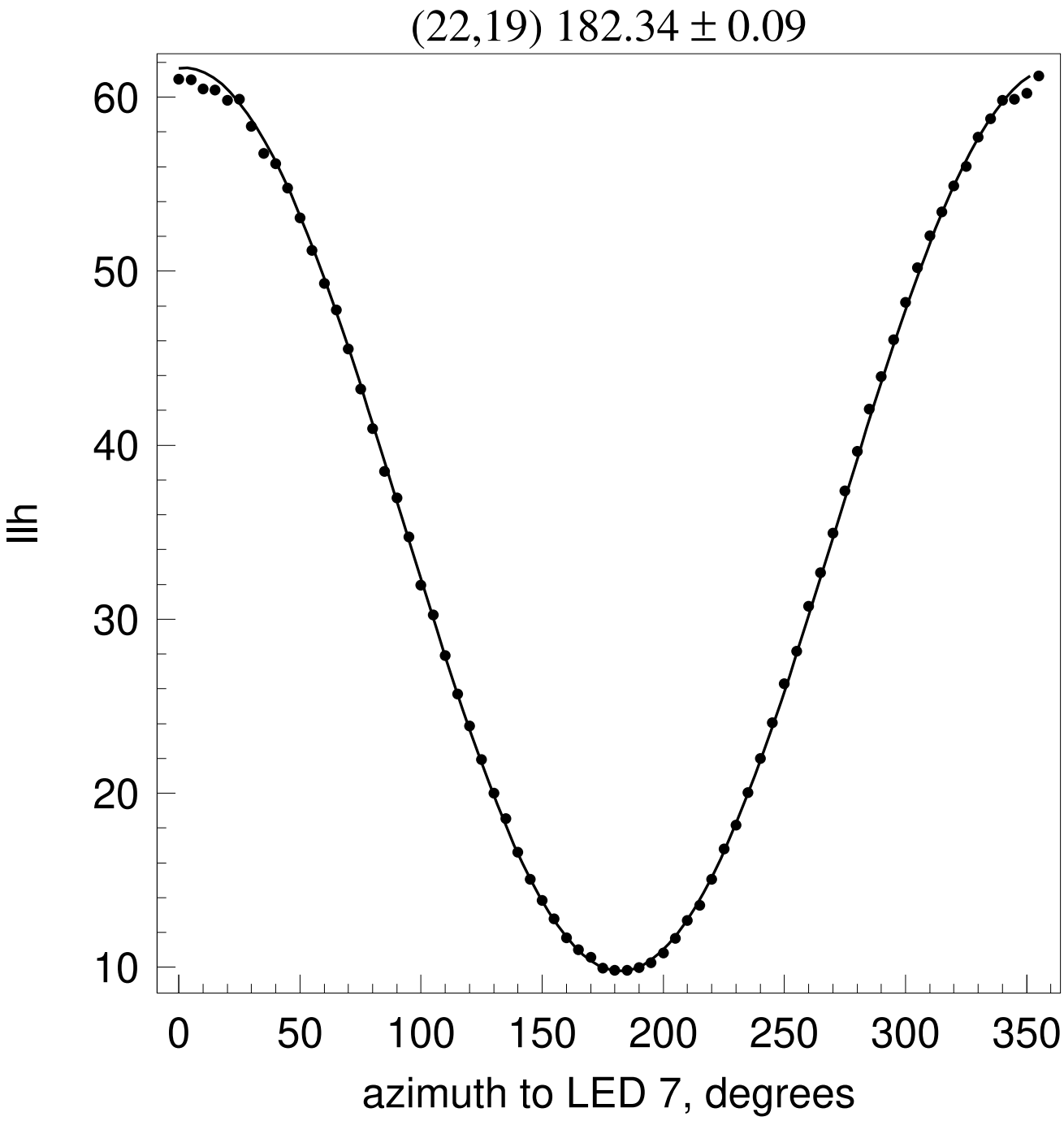

(22,14) 248.14 ± 0.30
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

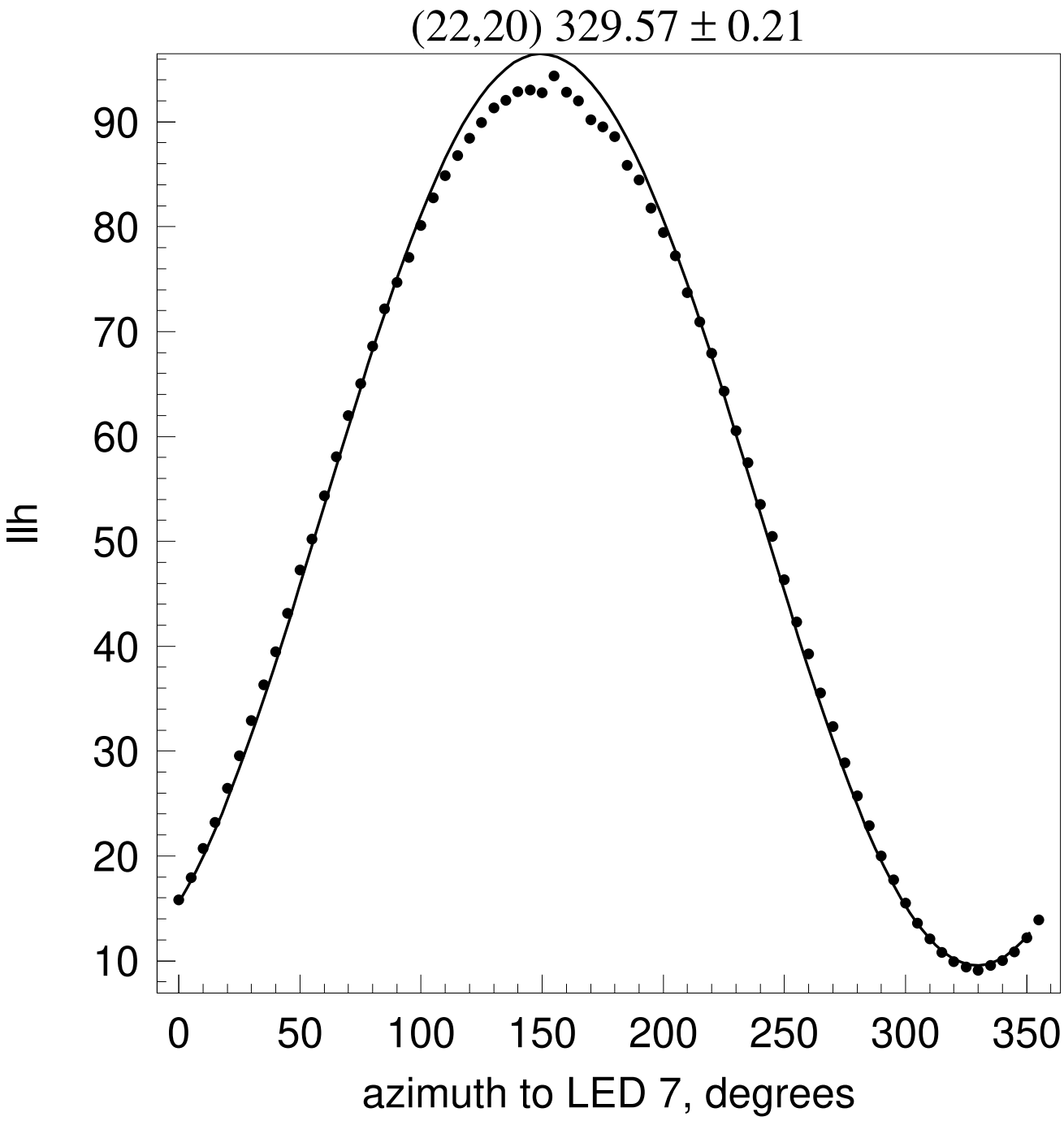

(22,15) 137.09 ± 0.17
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

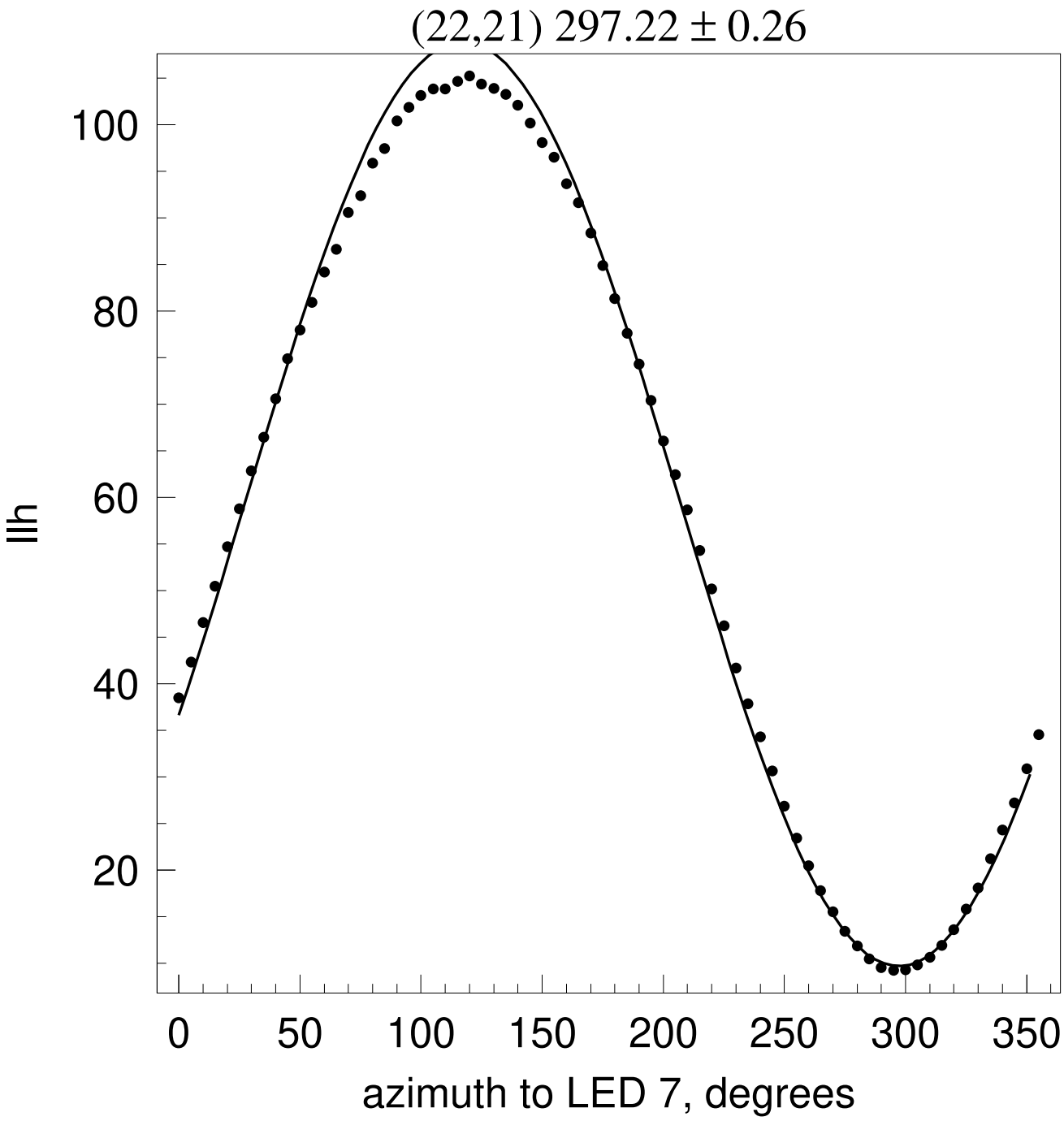

(22,16) 60.21 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

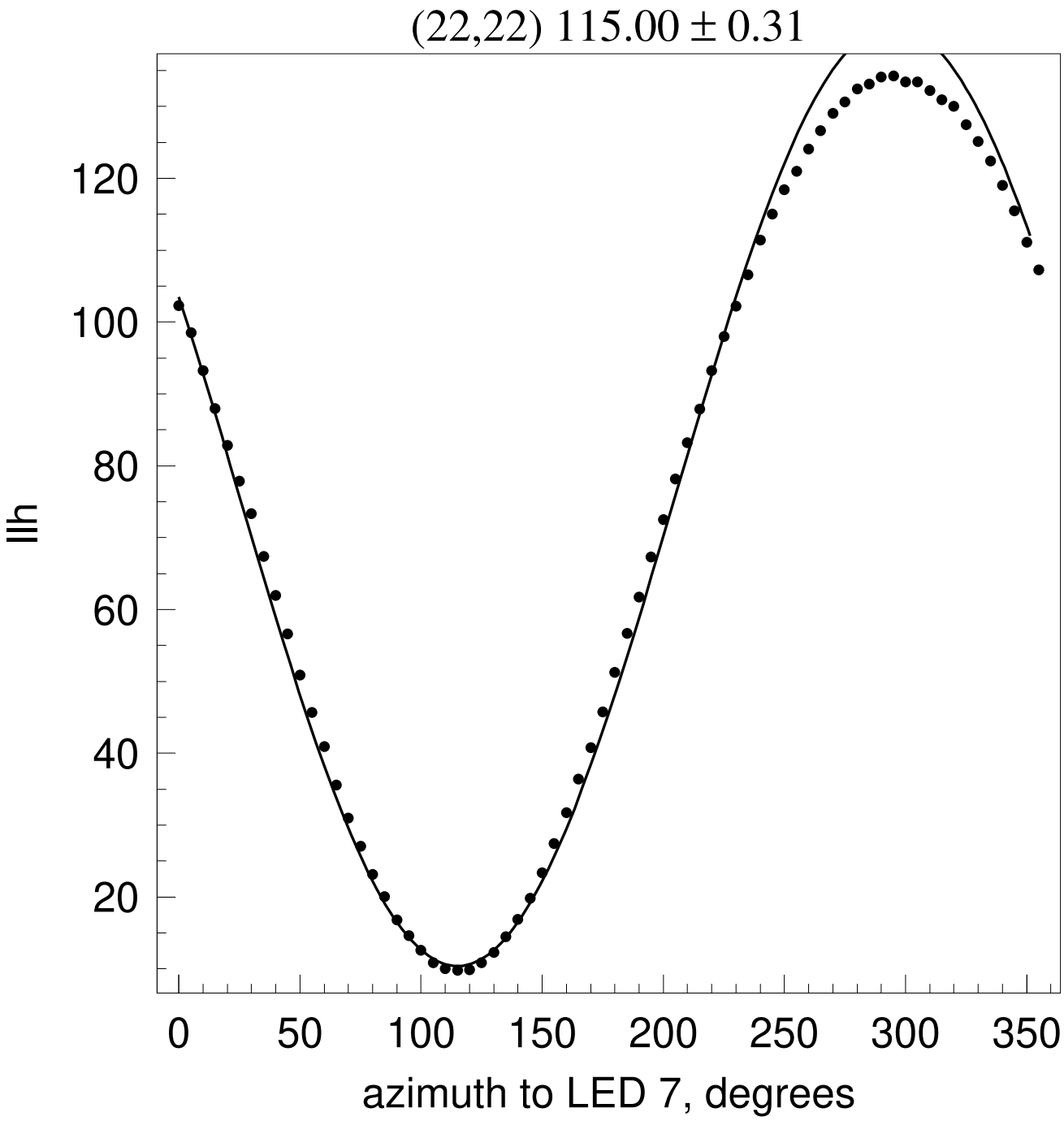

(22,17) 179.38 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

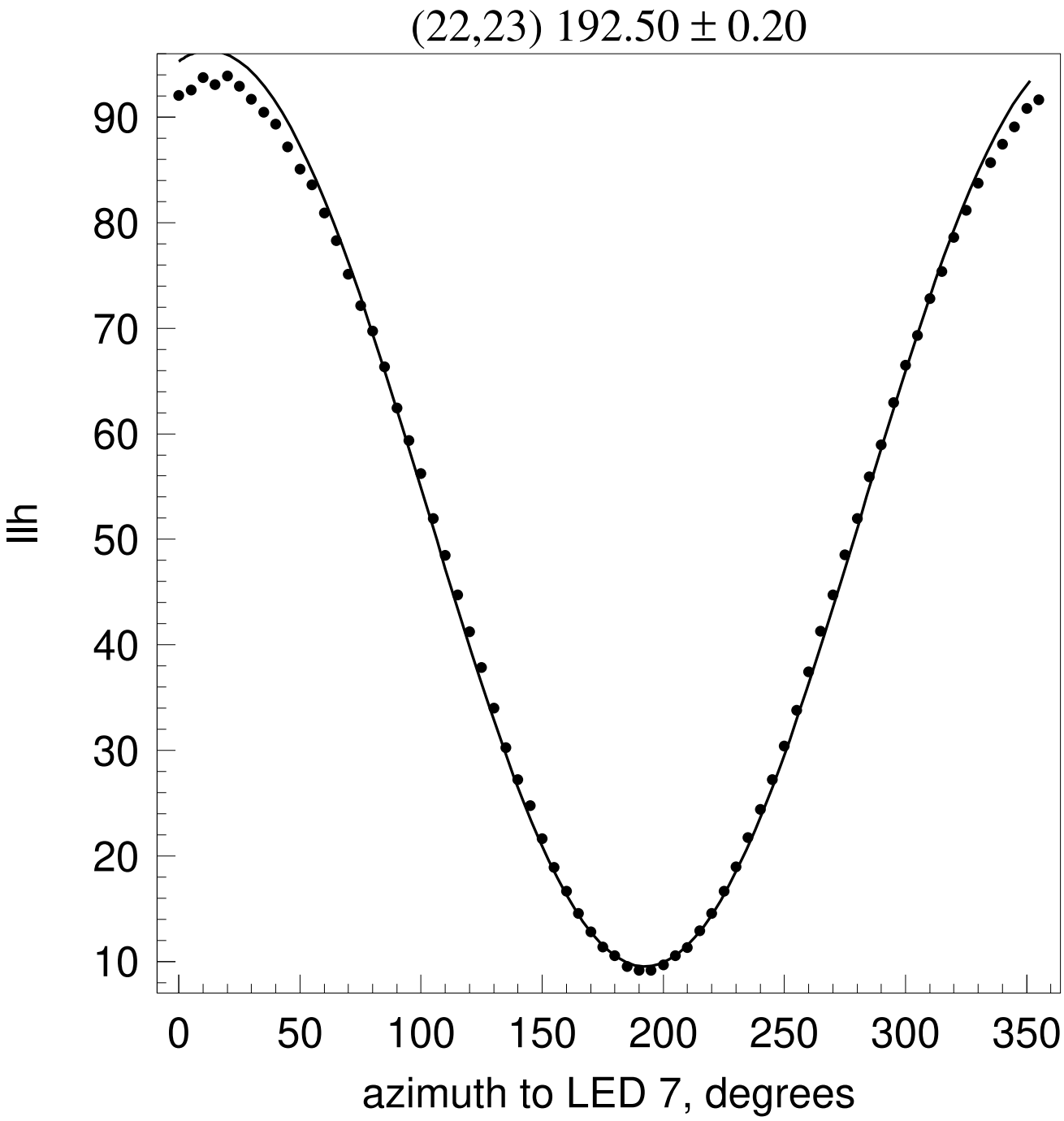

(22,18) 85.63 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

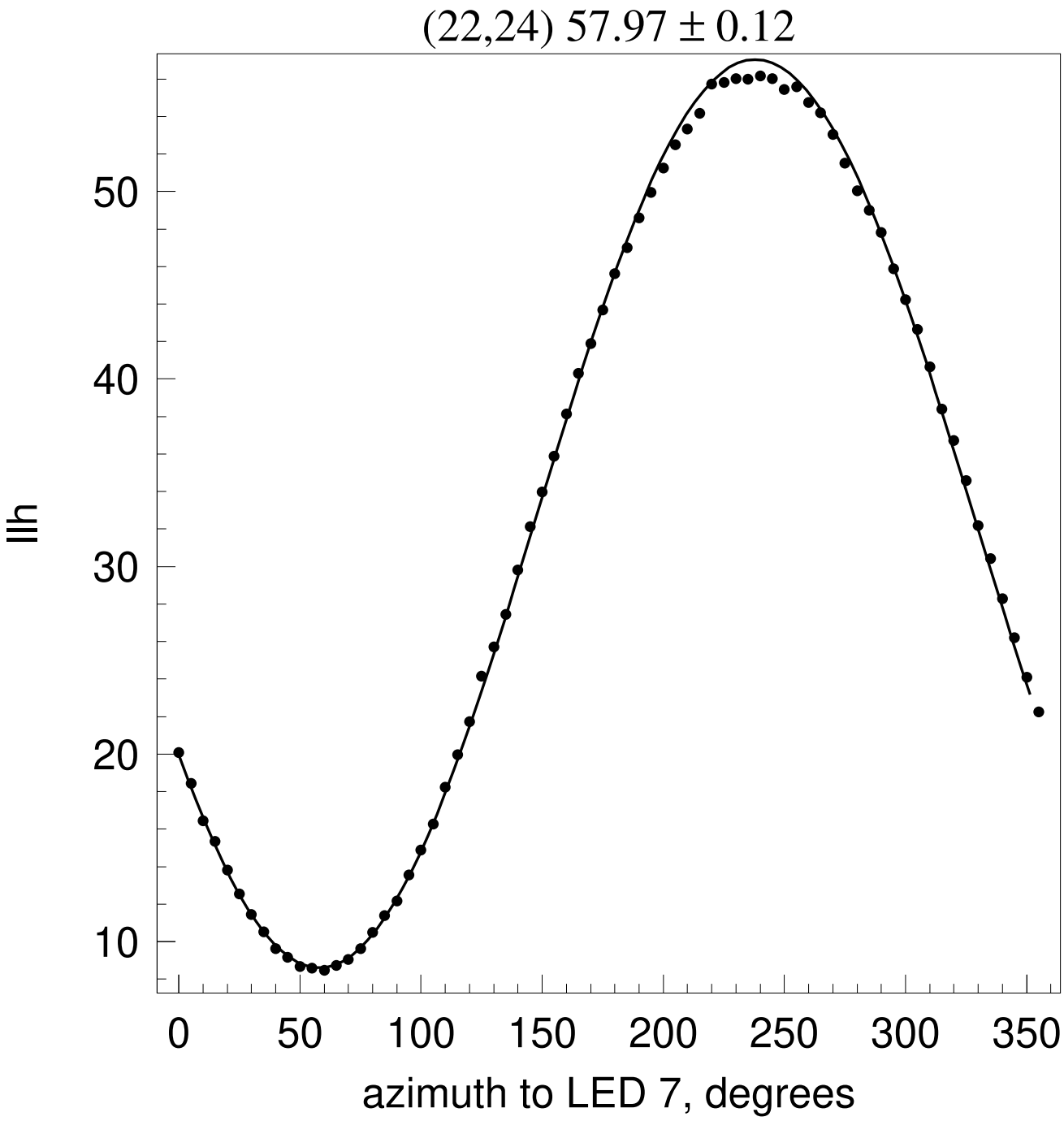

(22,19) 182.34 ± 0.09
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

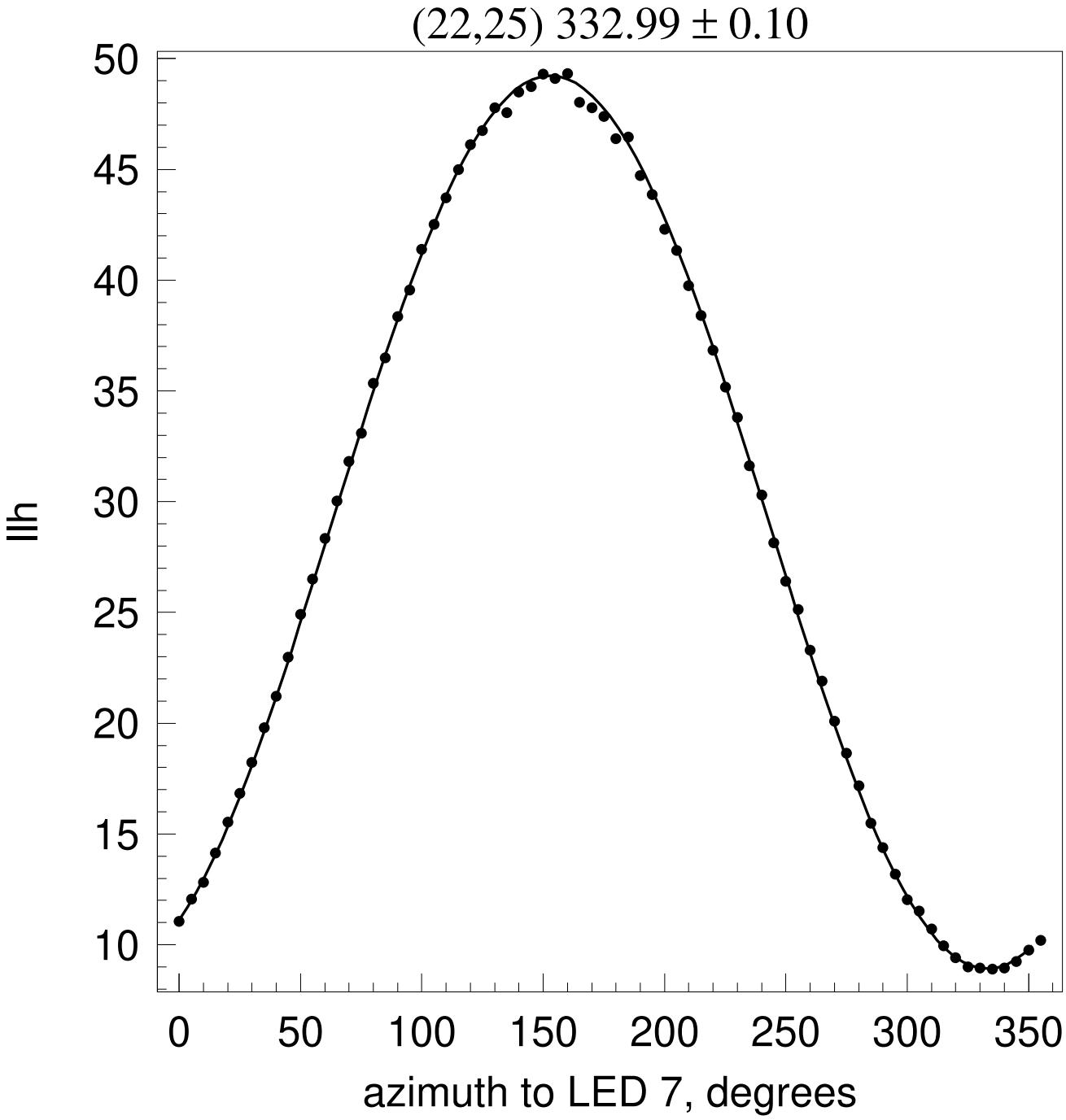

(22,20) 329.57 ± 0.21
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

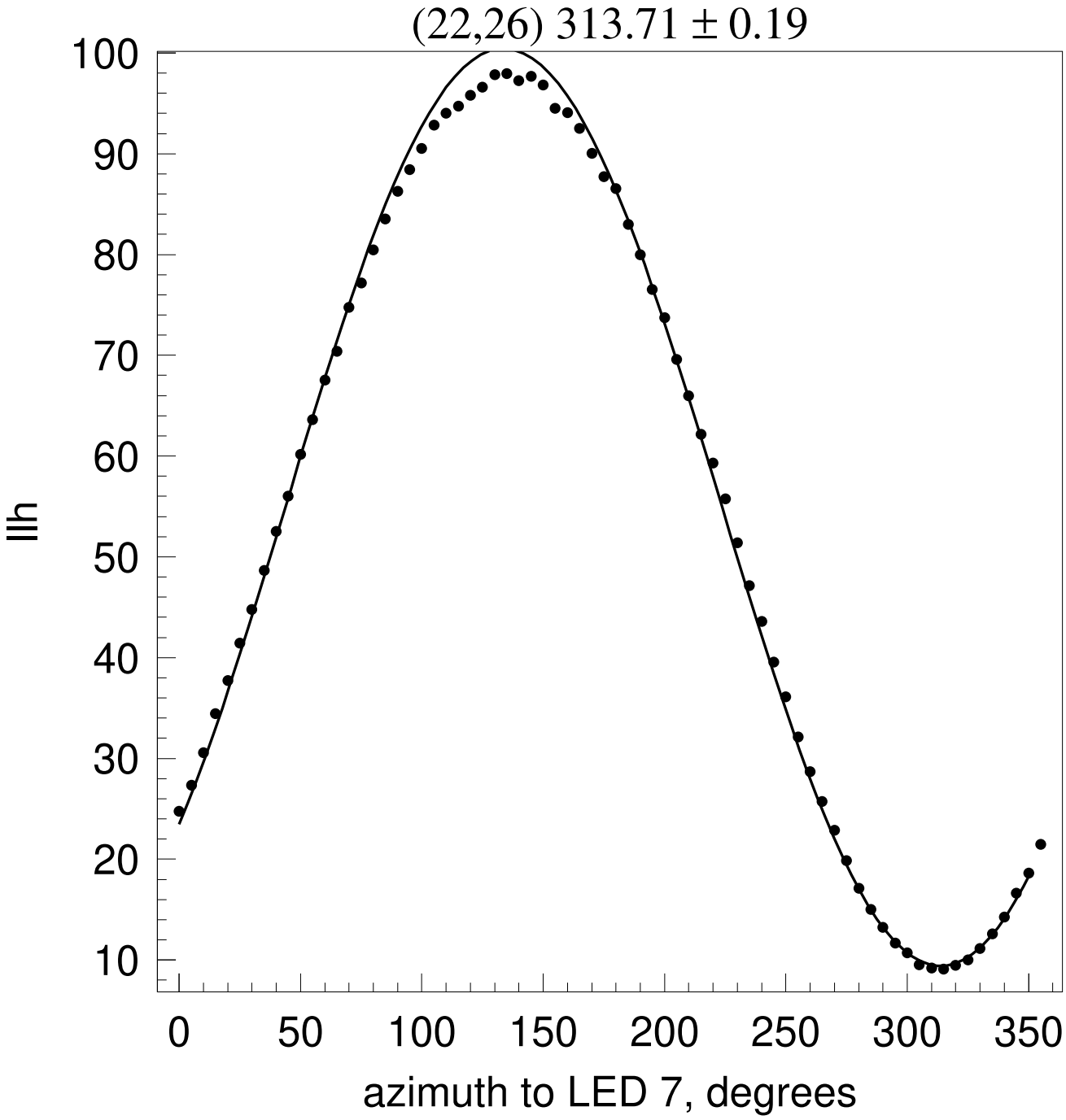

(22,21) 297.22 ± 0.26
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

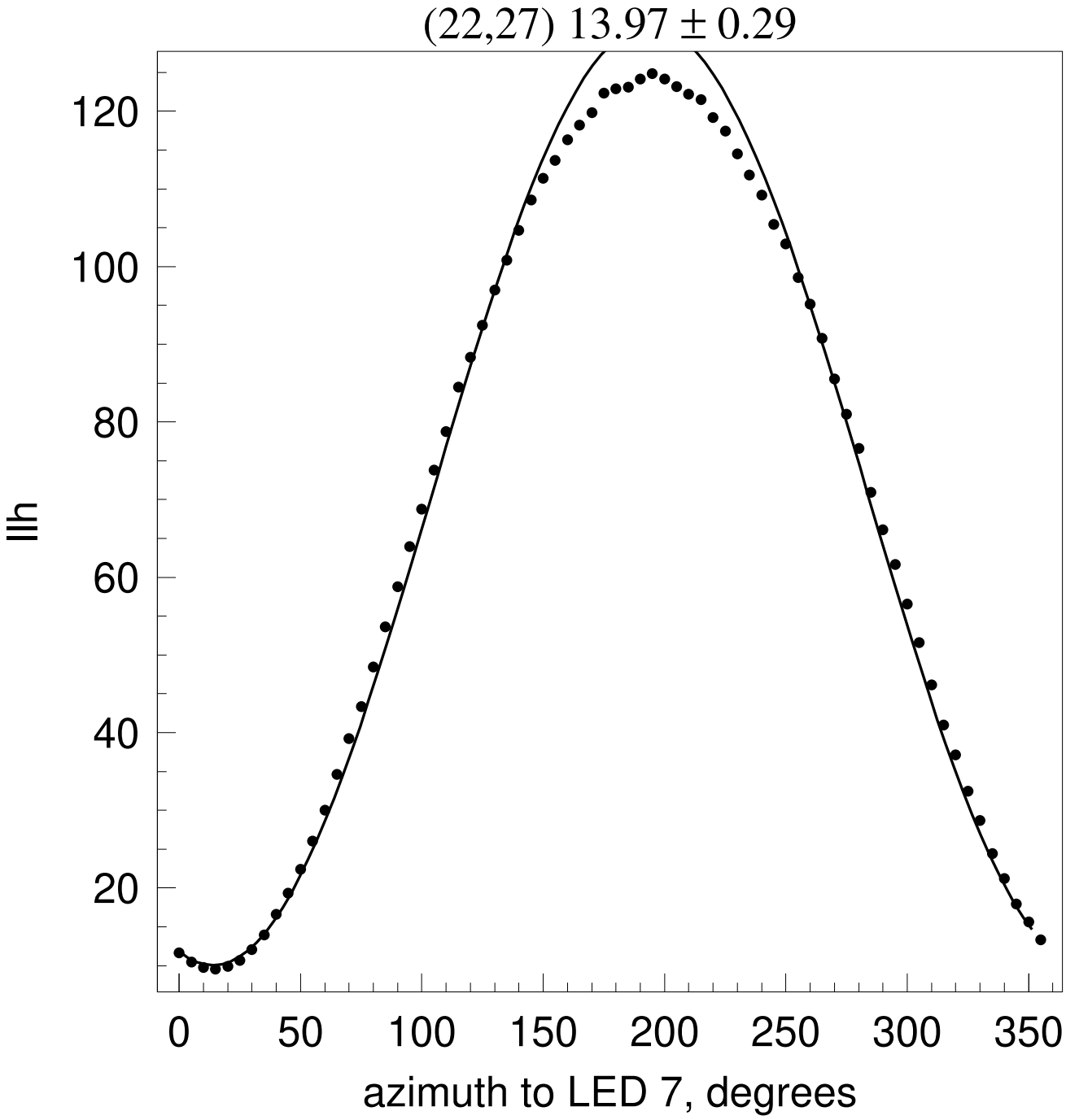

(22,22) 115.00 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

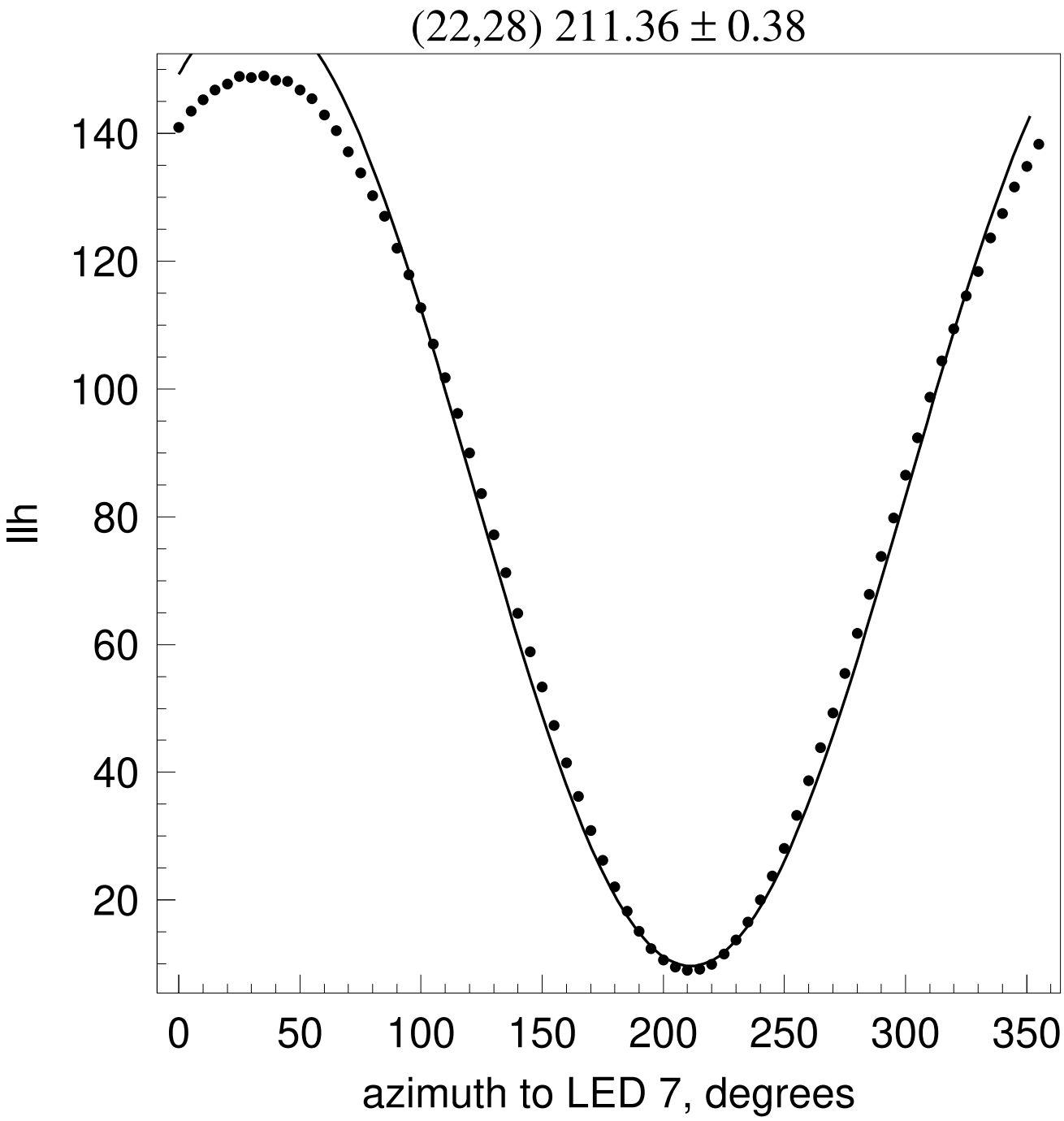

(22,23) 192.50 ± 0.20
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

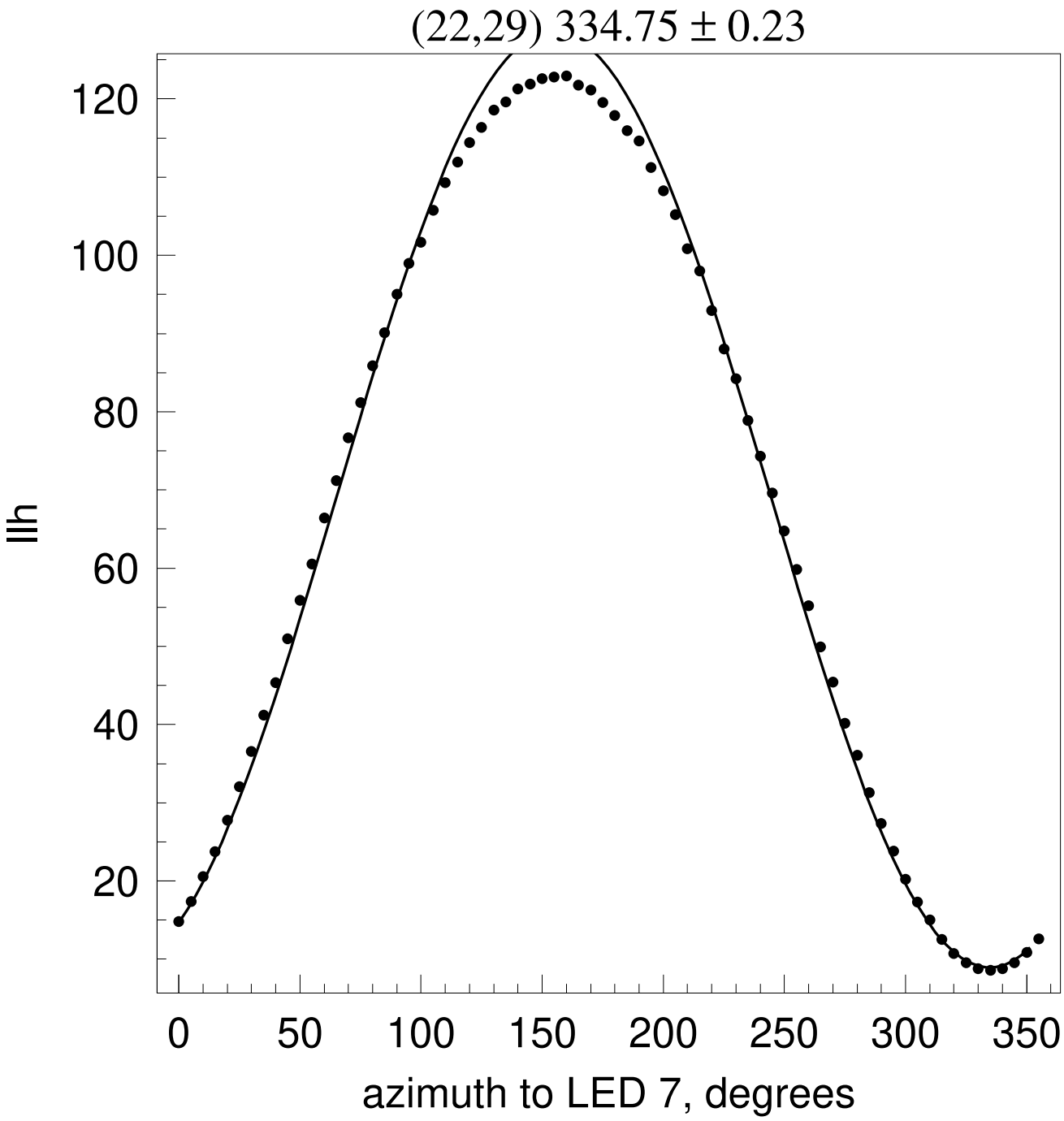

(22,24) 57.97 ± 0.12
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

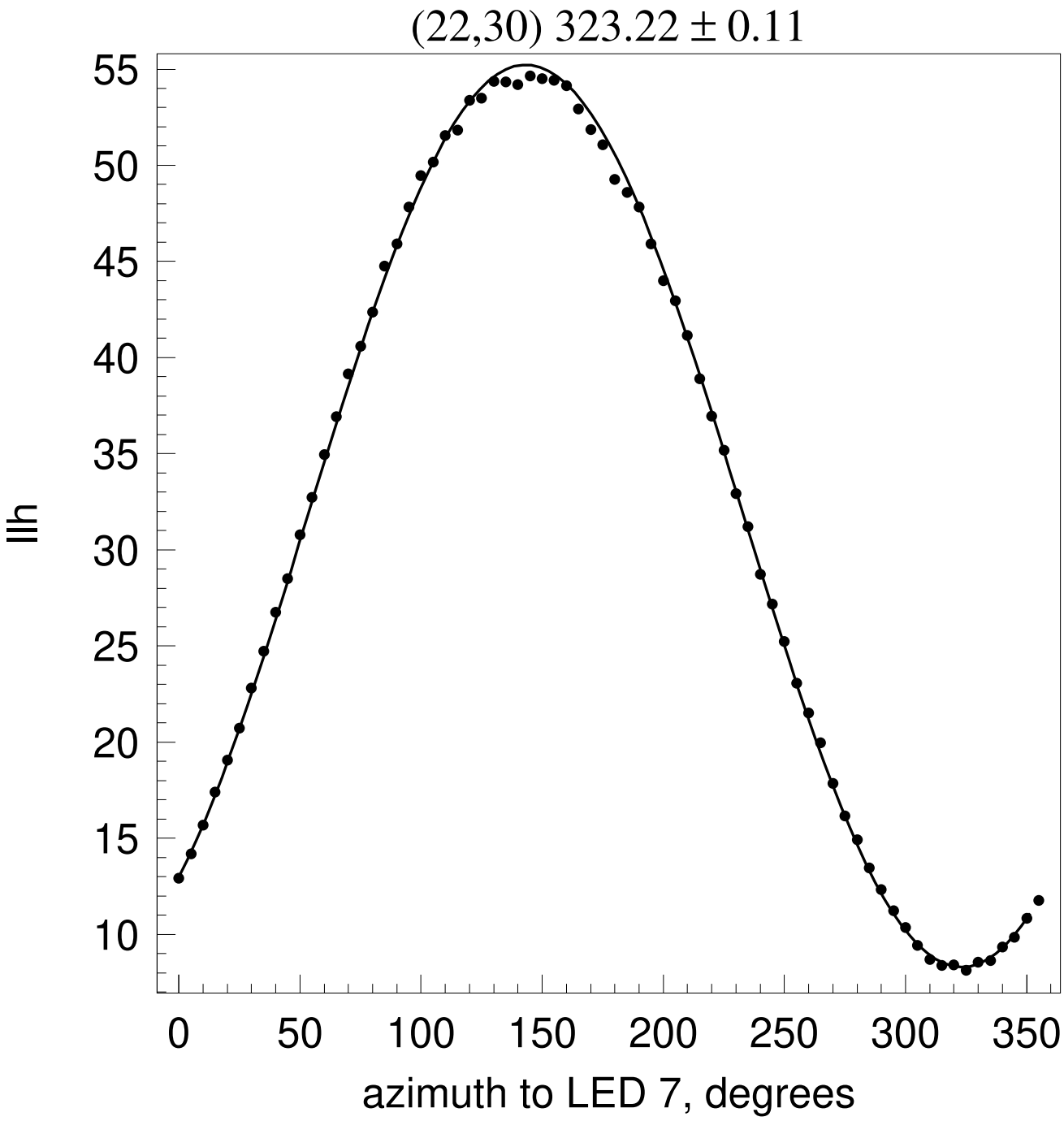

(22,25) 332.99 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

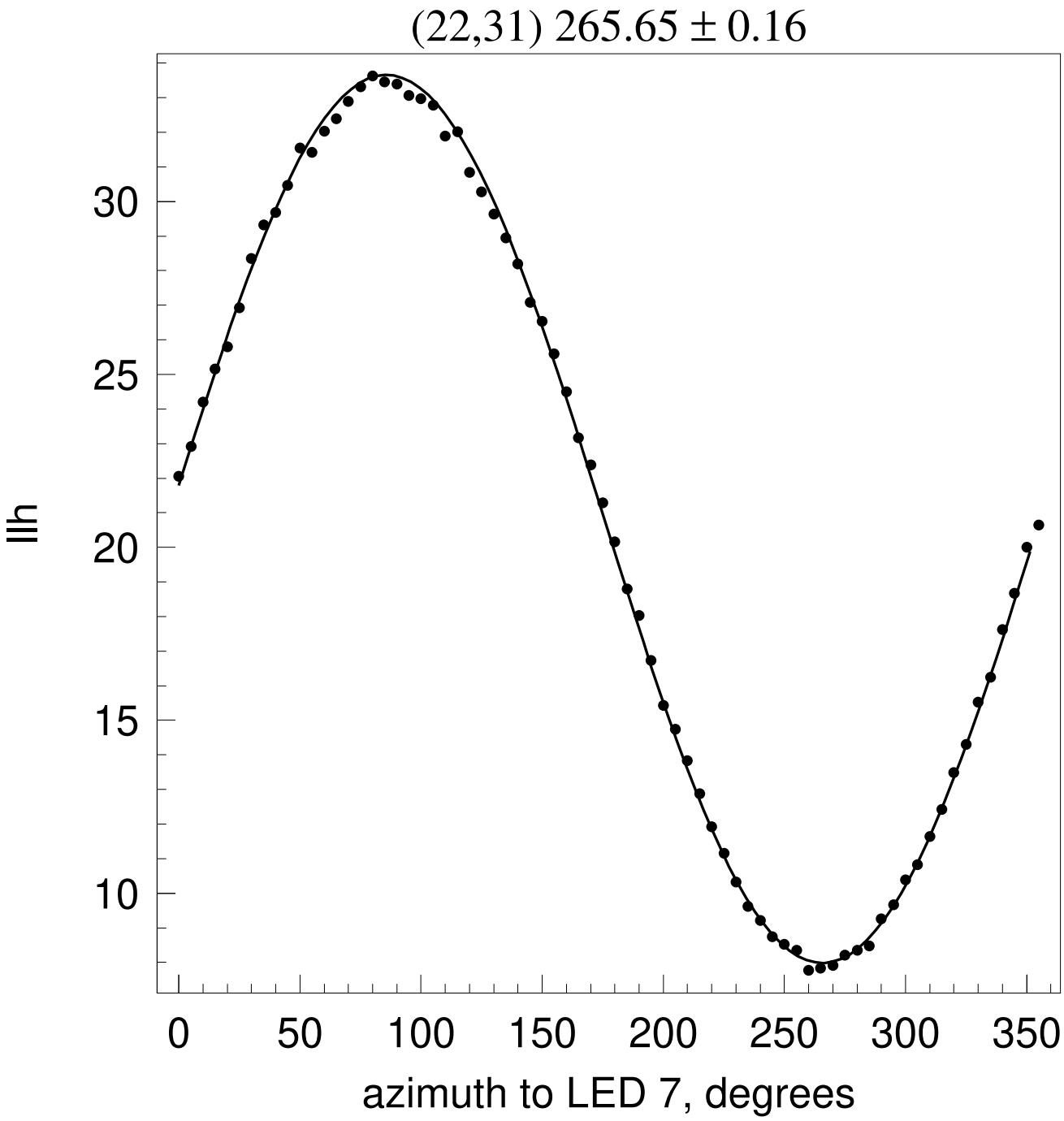

(22,26) 313.71 ± 0.19
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

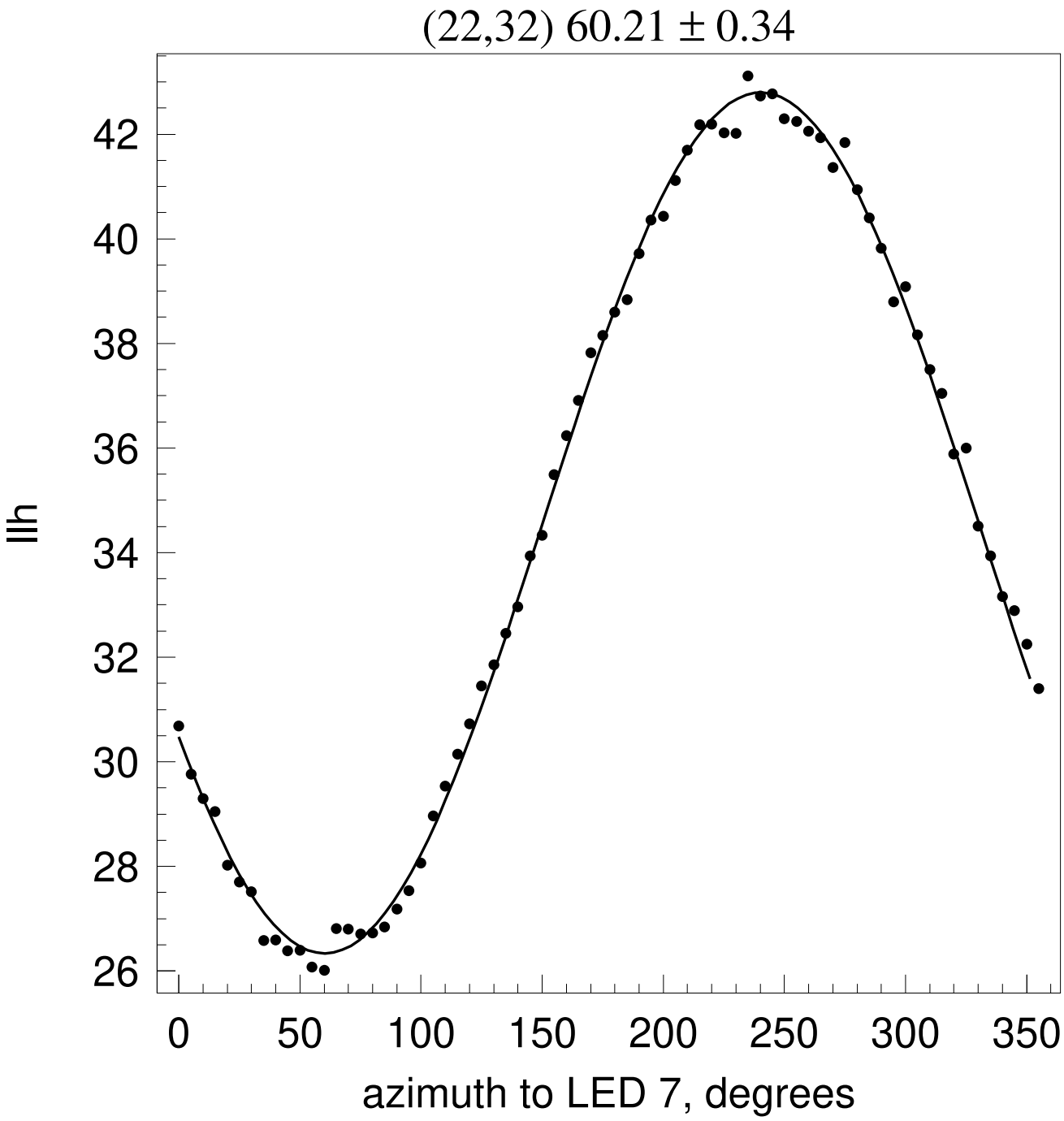

(22,27) 13.97 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

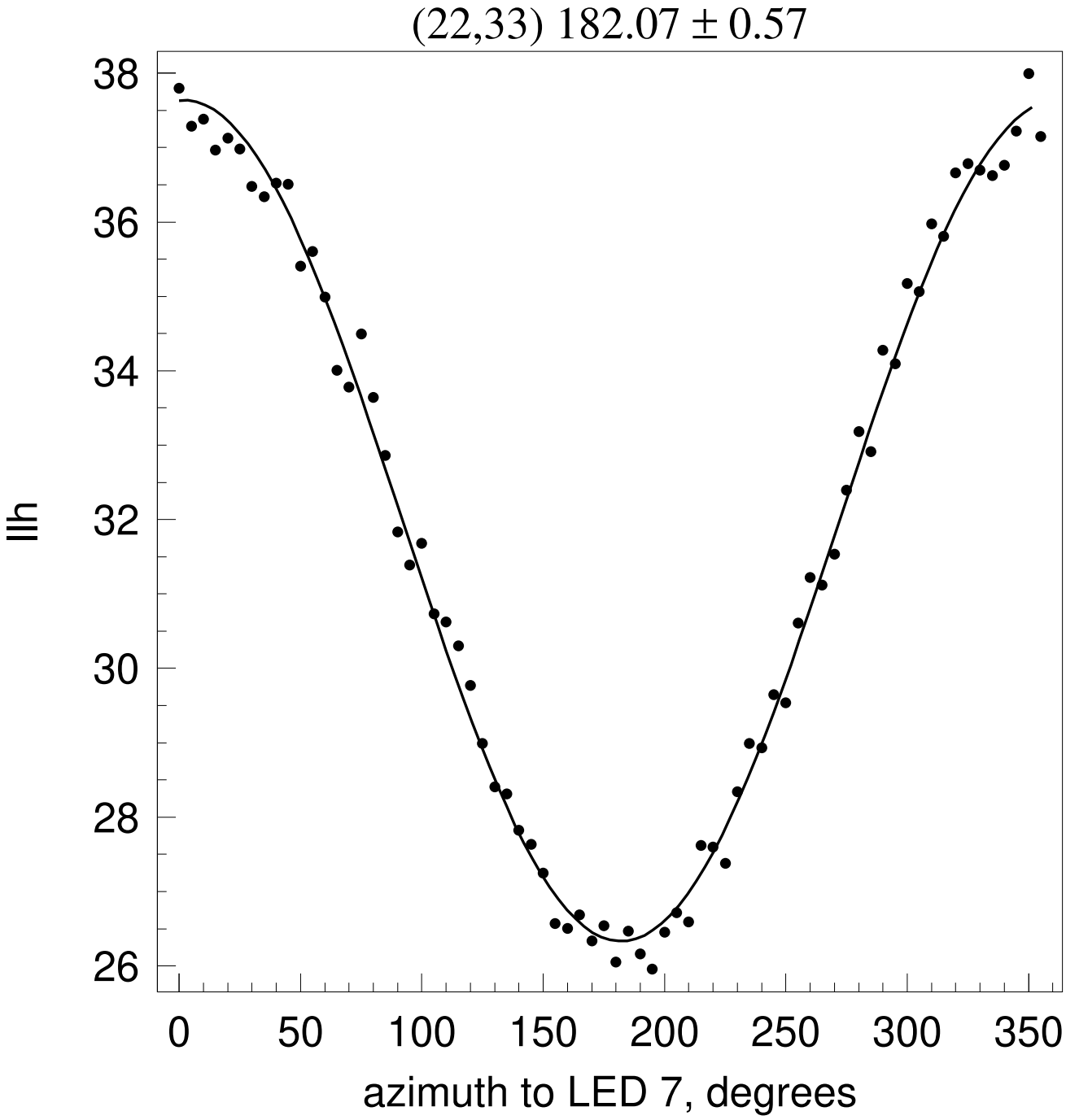

(22,28) 211.36 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

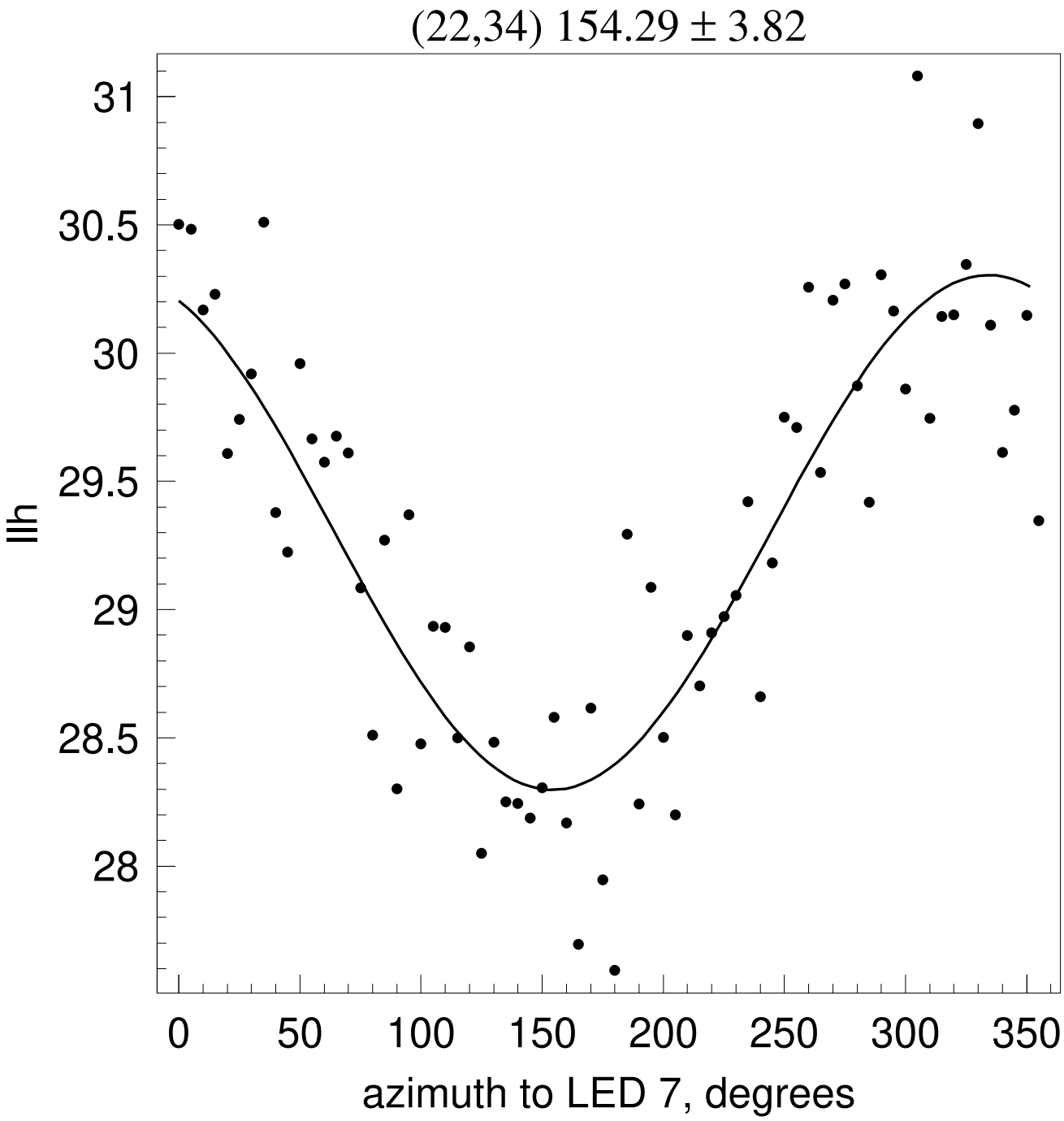

(22,29) 334.75 ± 0.23
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

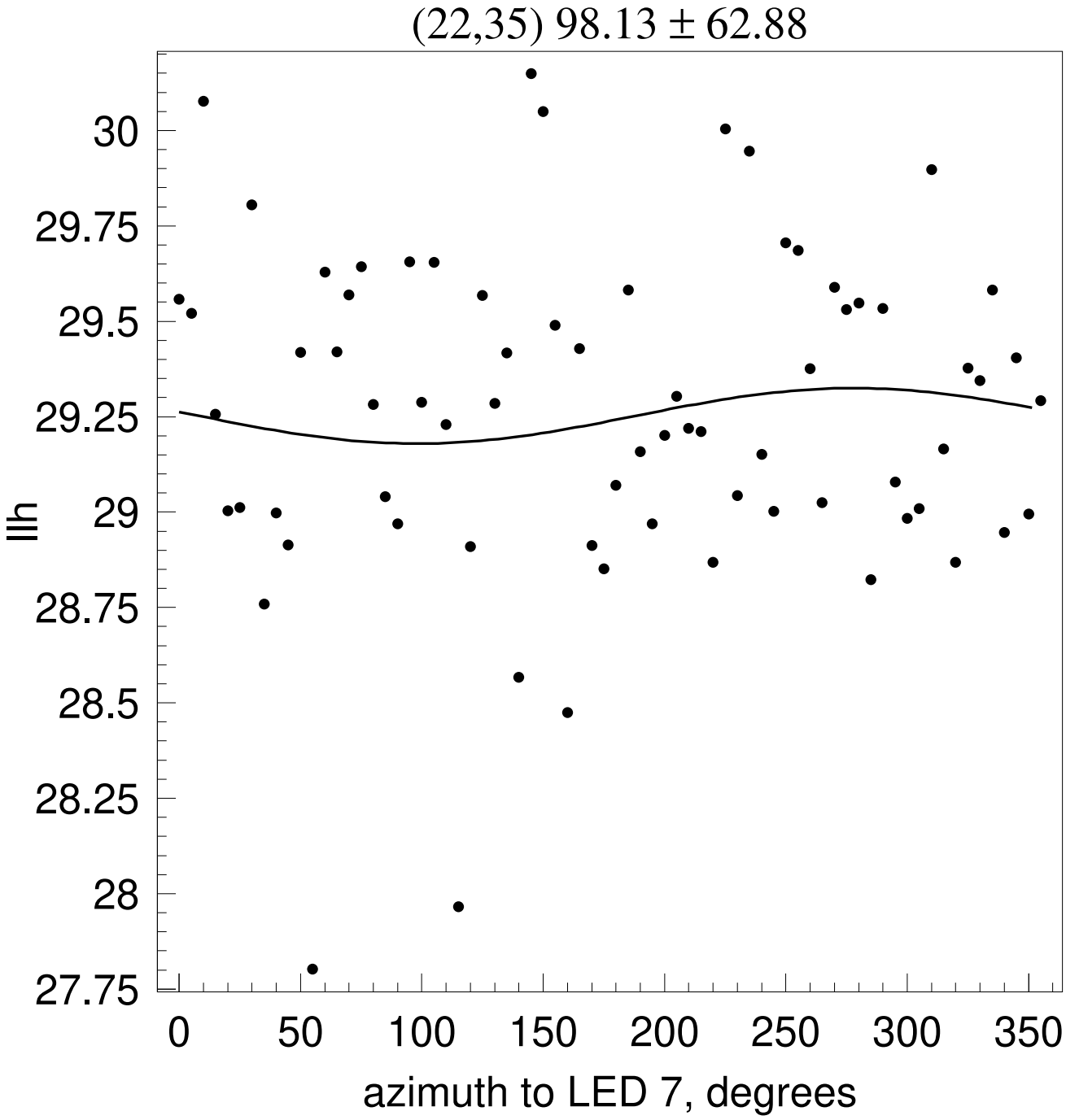

(22,30) 323.22 ± 0.11
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

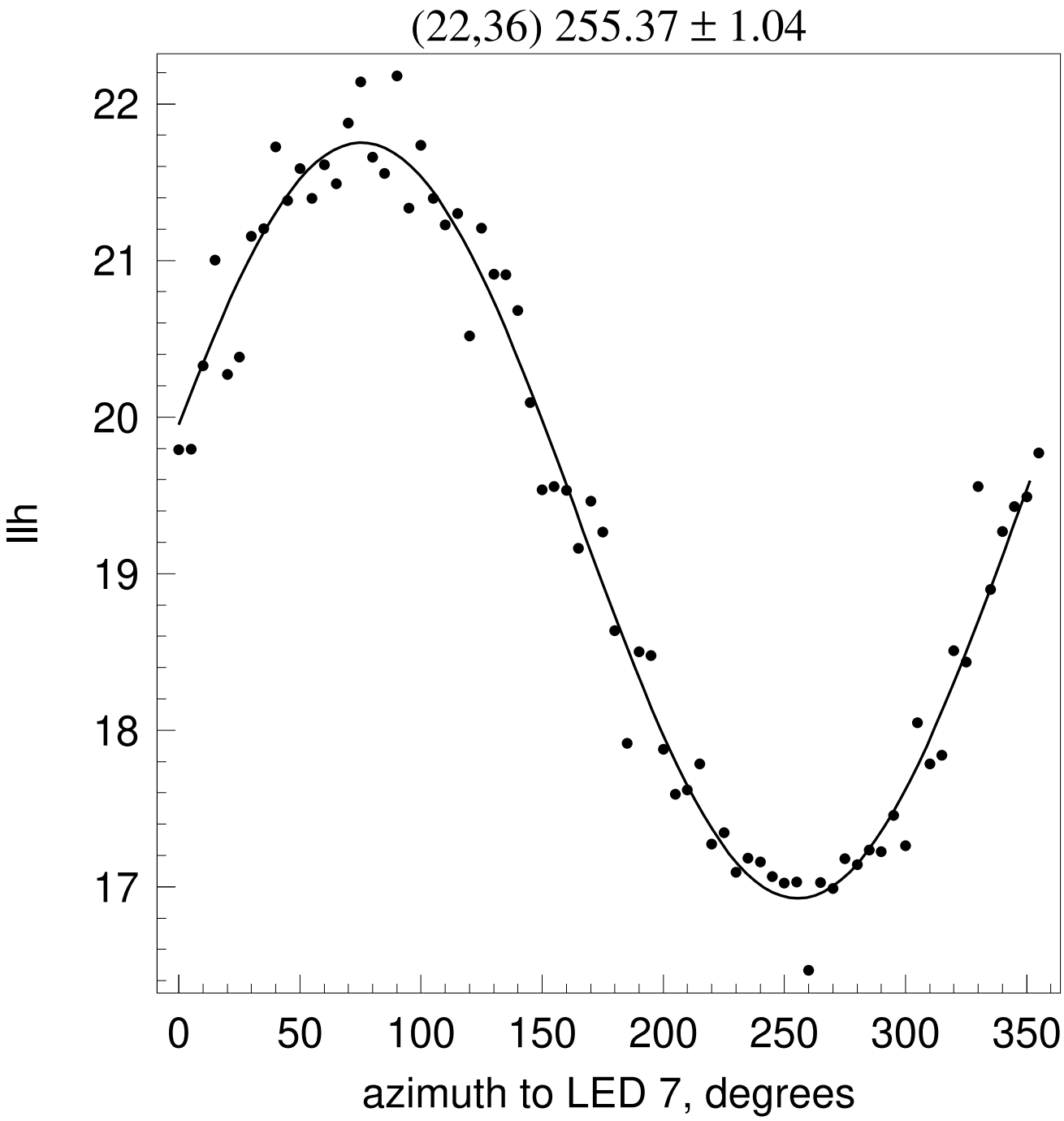

(22,31) 265.65 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

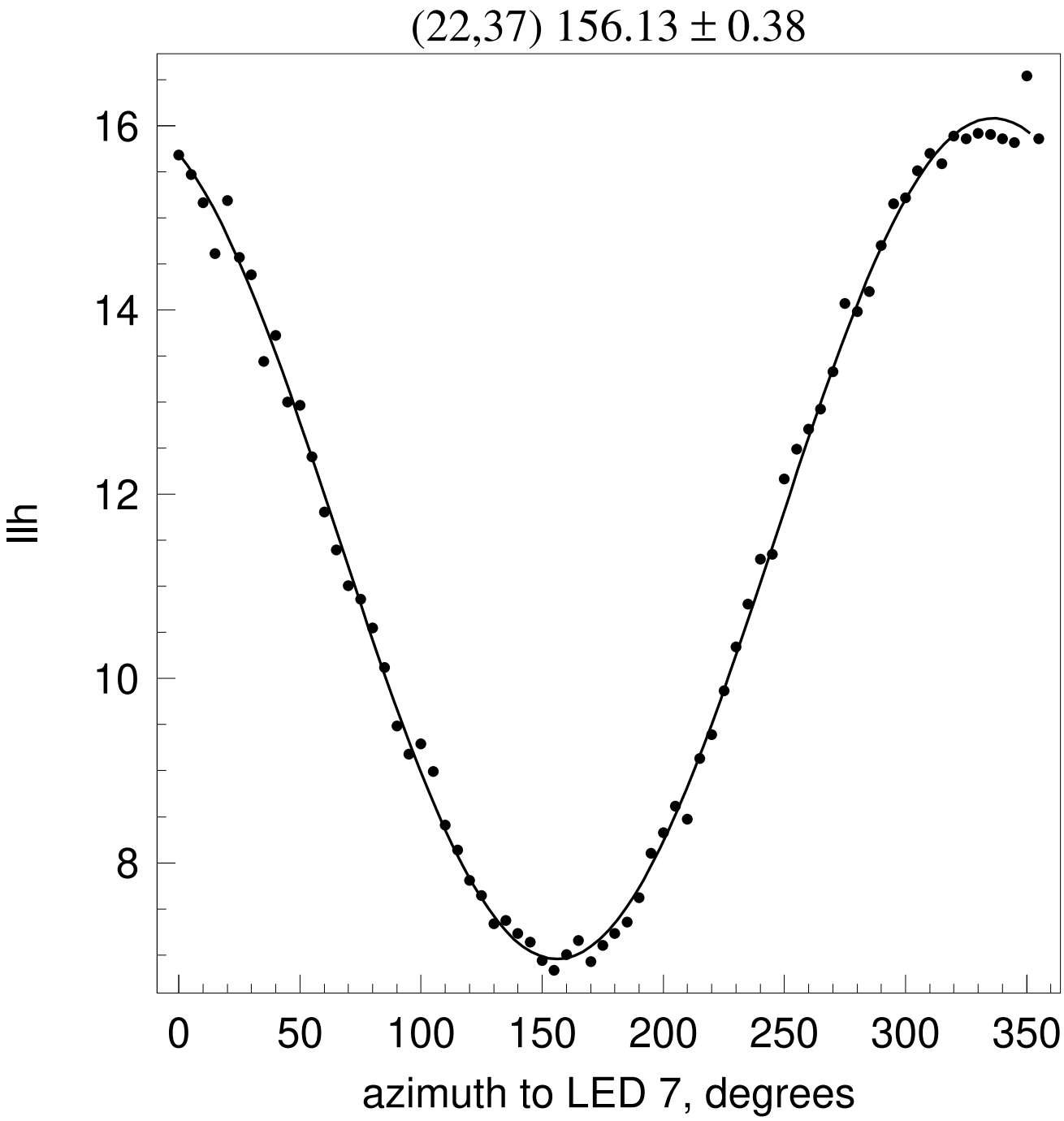

(22,32) 60.21 ± 0.34
42
40
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

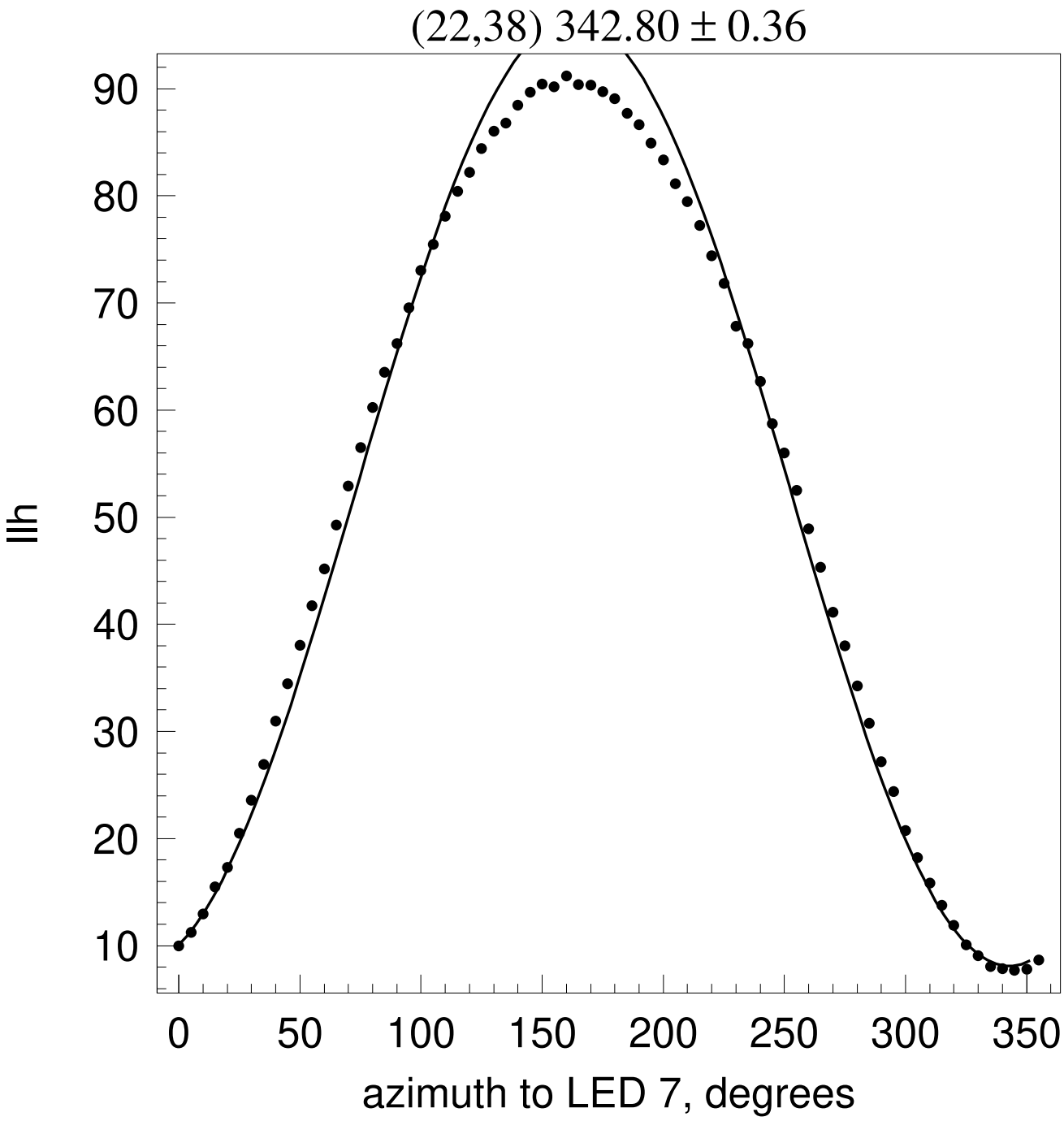

(22,33) 182.07 ± 0.57
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

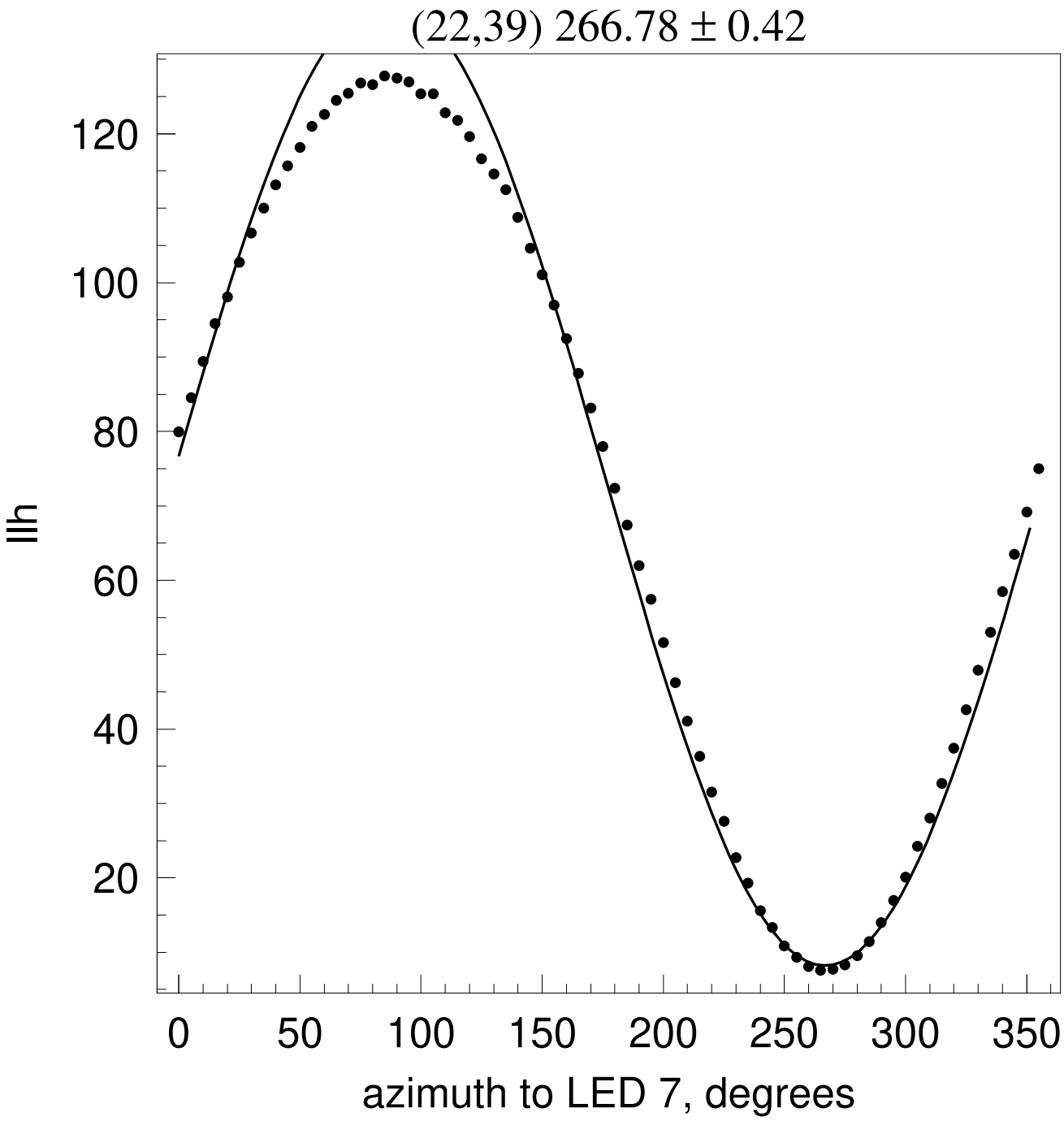

(22,34) 154.29 ± 3.82
31
30.5
30
29.5
29
28.5
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

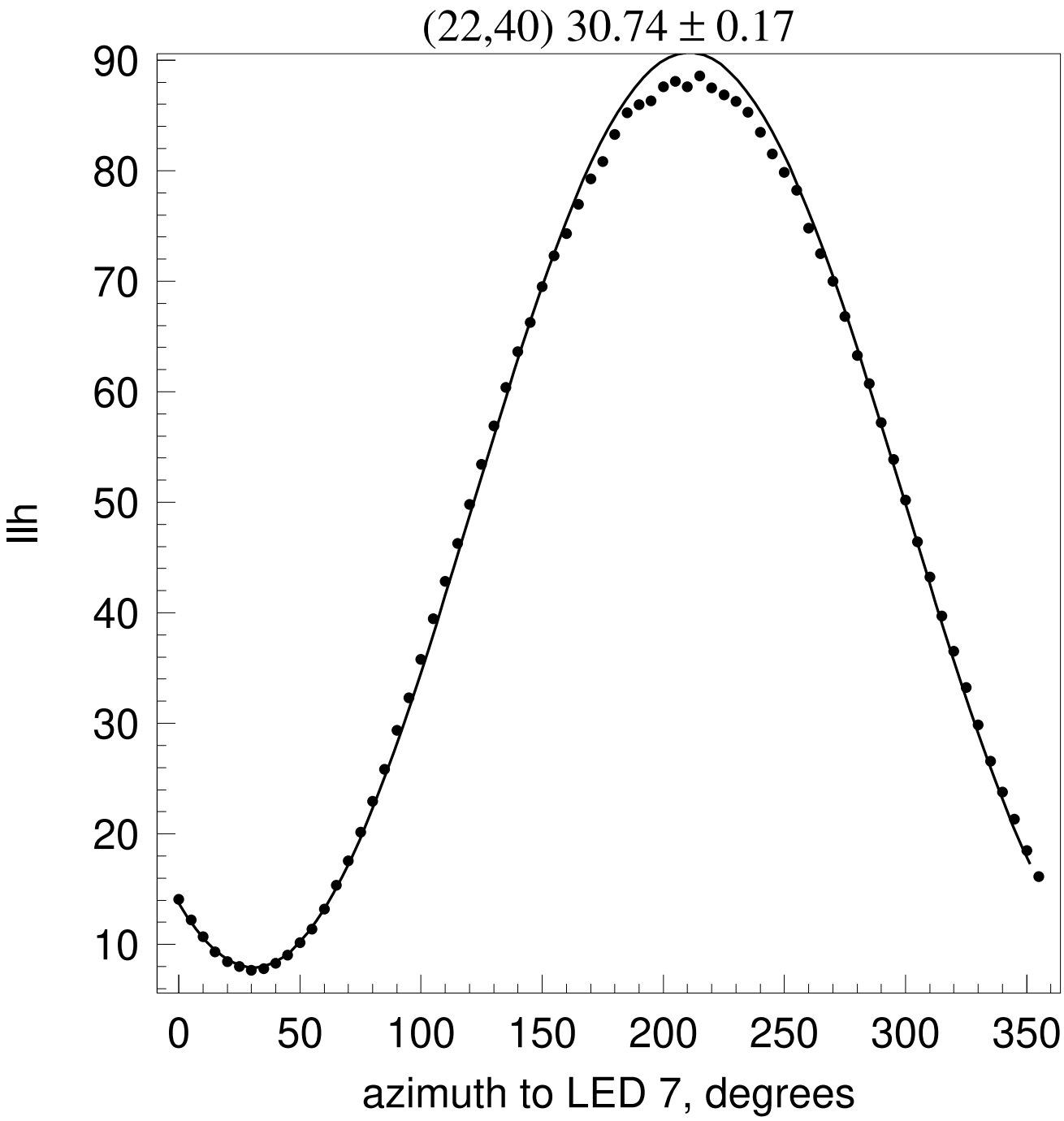

(22,35) 98.13 ± 62.88
30
29.75
29.5
29.25
29
28.75
28.5
28.25
28
27.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

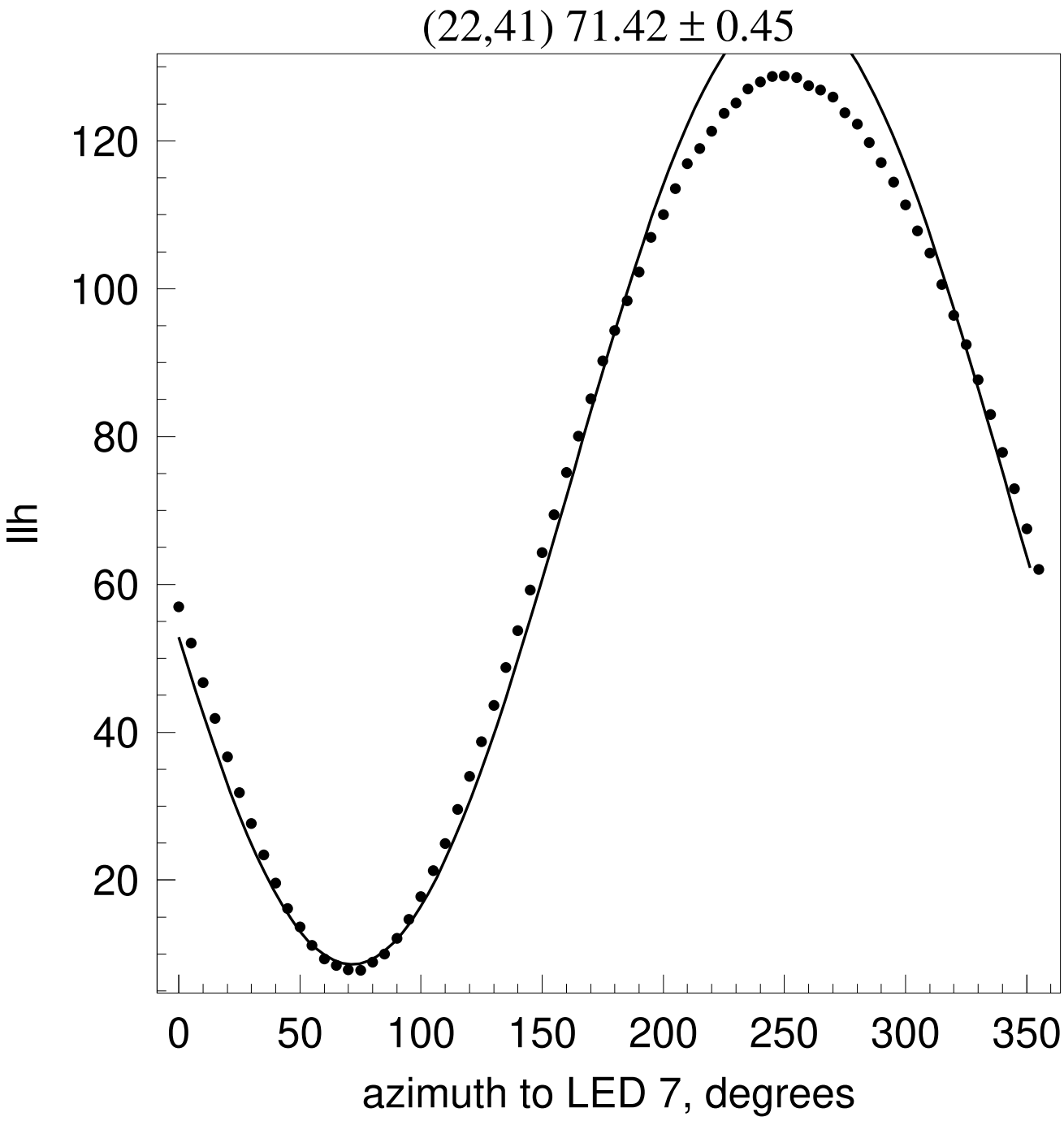

(22,36) 255.37 ± 1.04
22
21
20
19
18
17
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

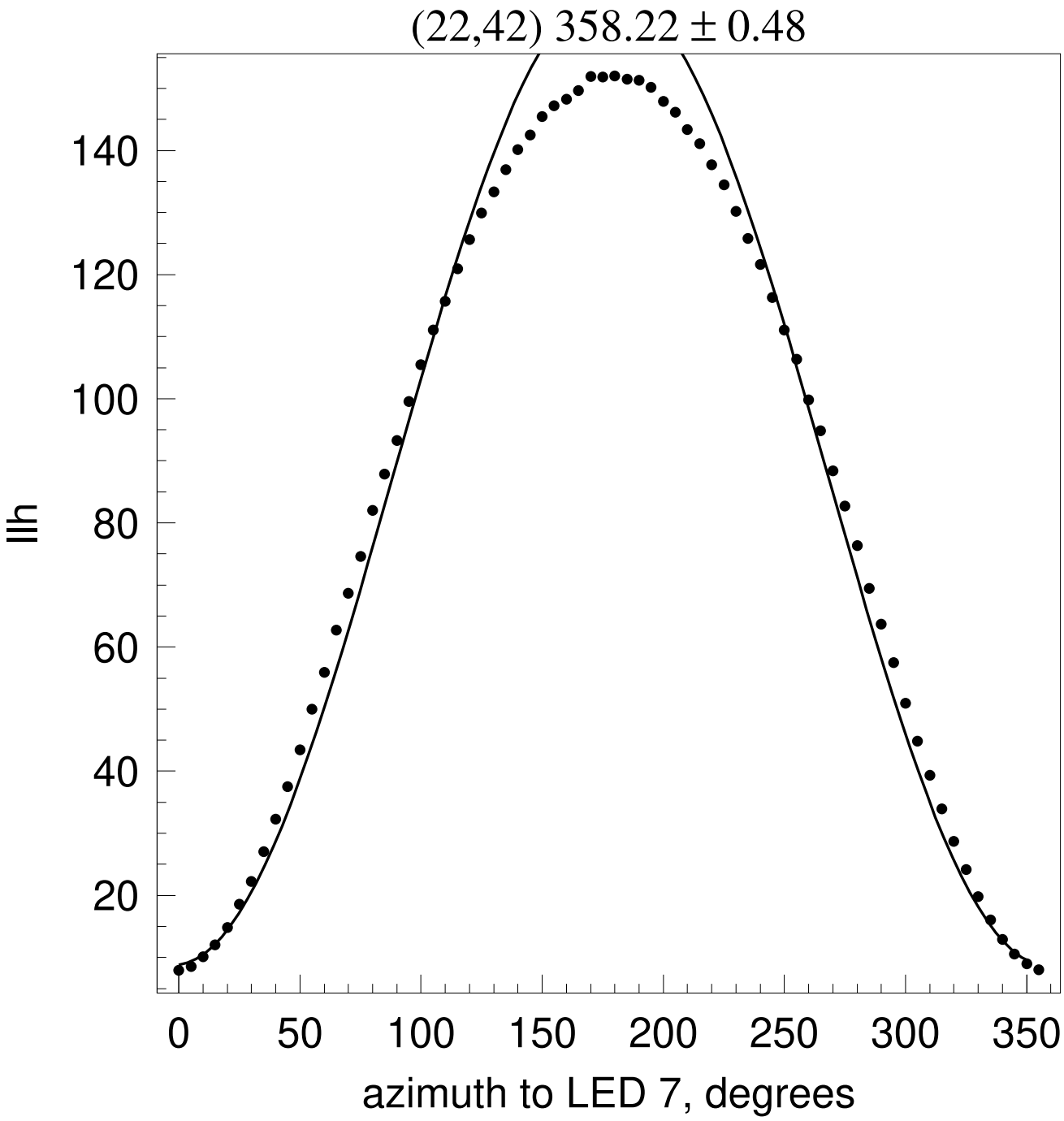

(22,37) 156.13 ± 0.38
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

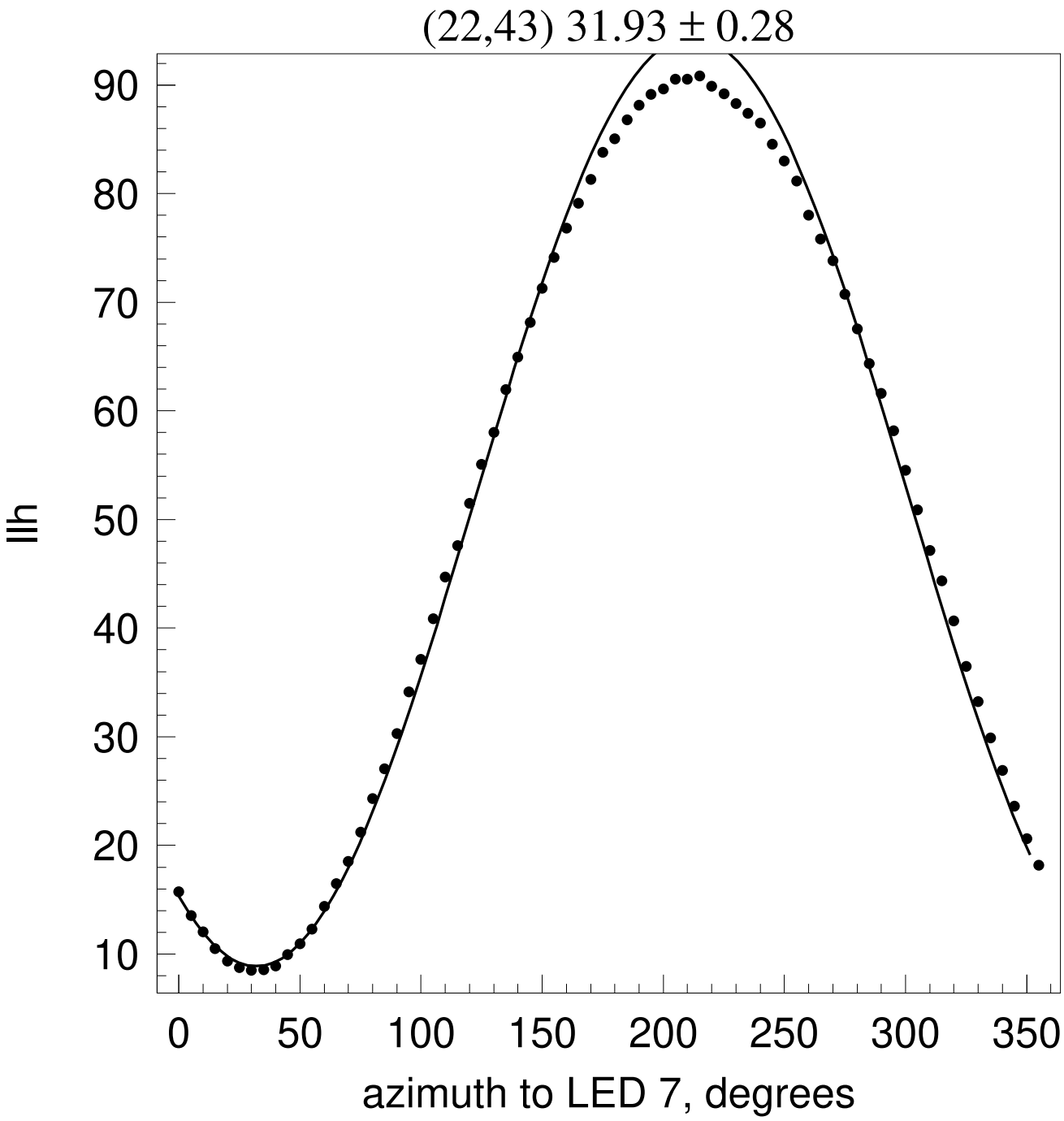

(22,38) 342.80 ± 0.36
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

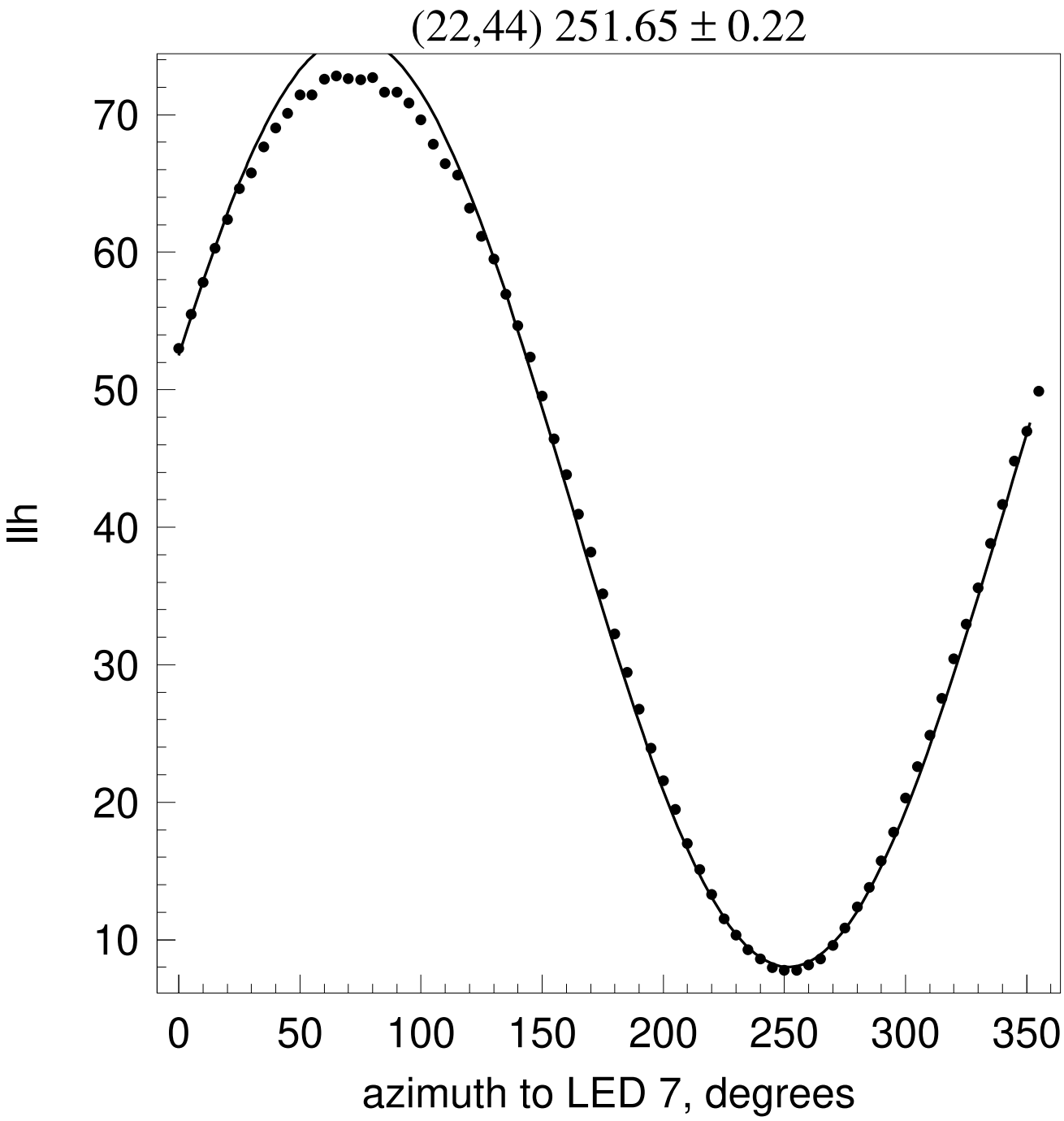

(22,39) 266.78 ± 0.42
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

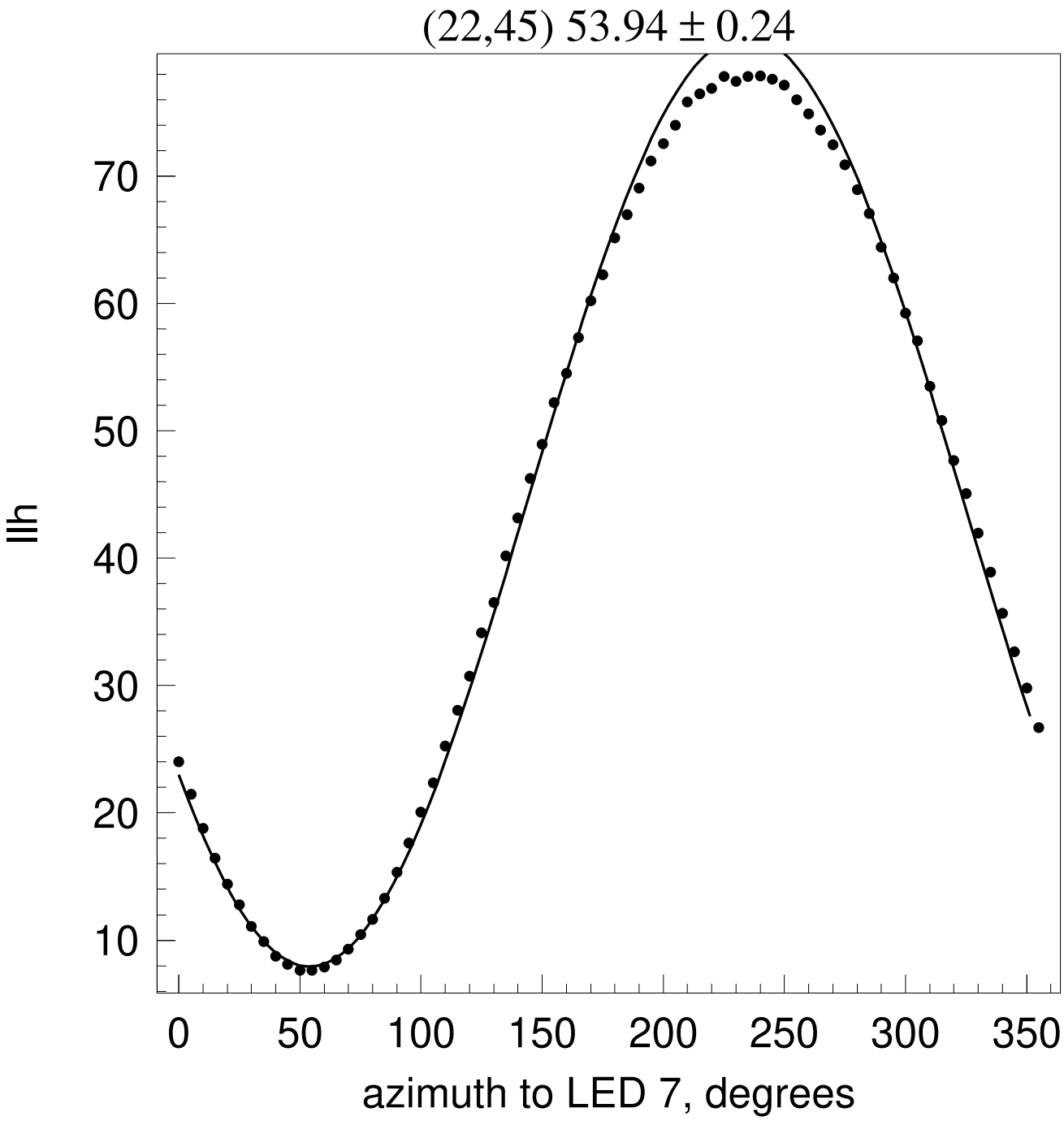

(22,40) 30.74 ± 0.17
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

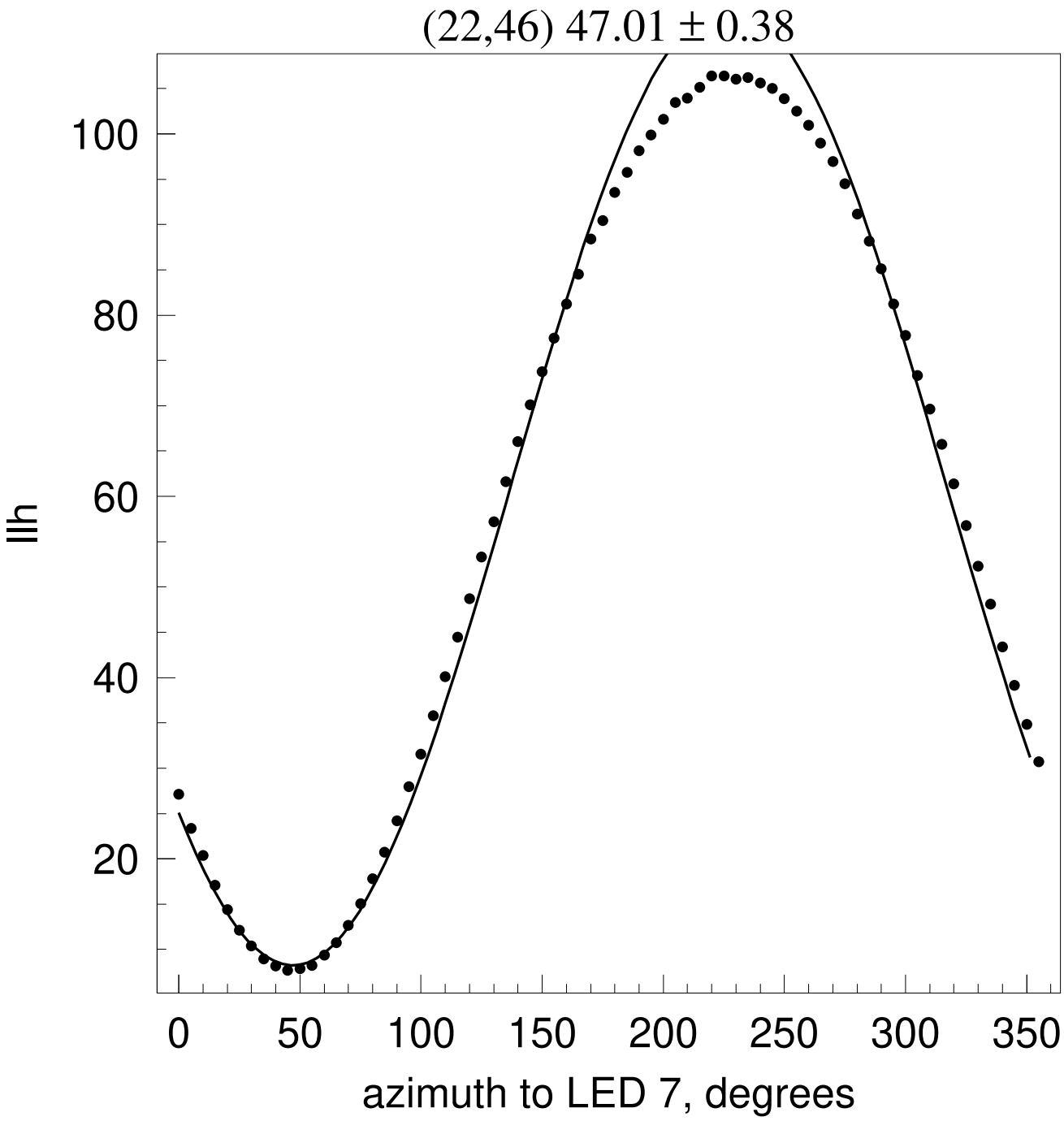

(22,41) 71.42 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

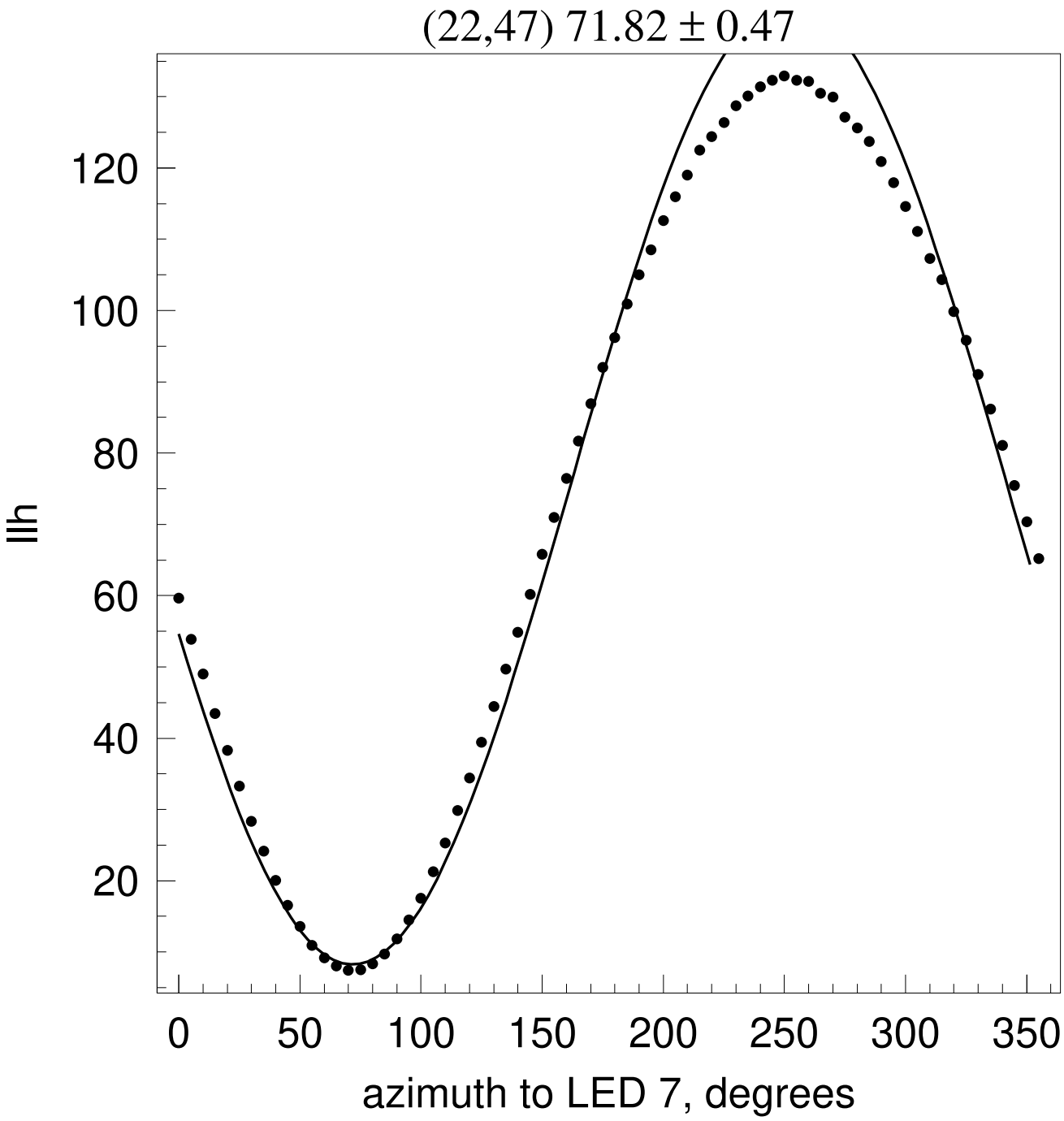

(22,42) 358.22 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

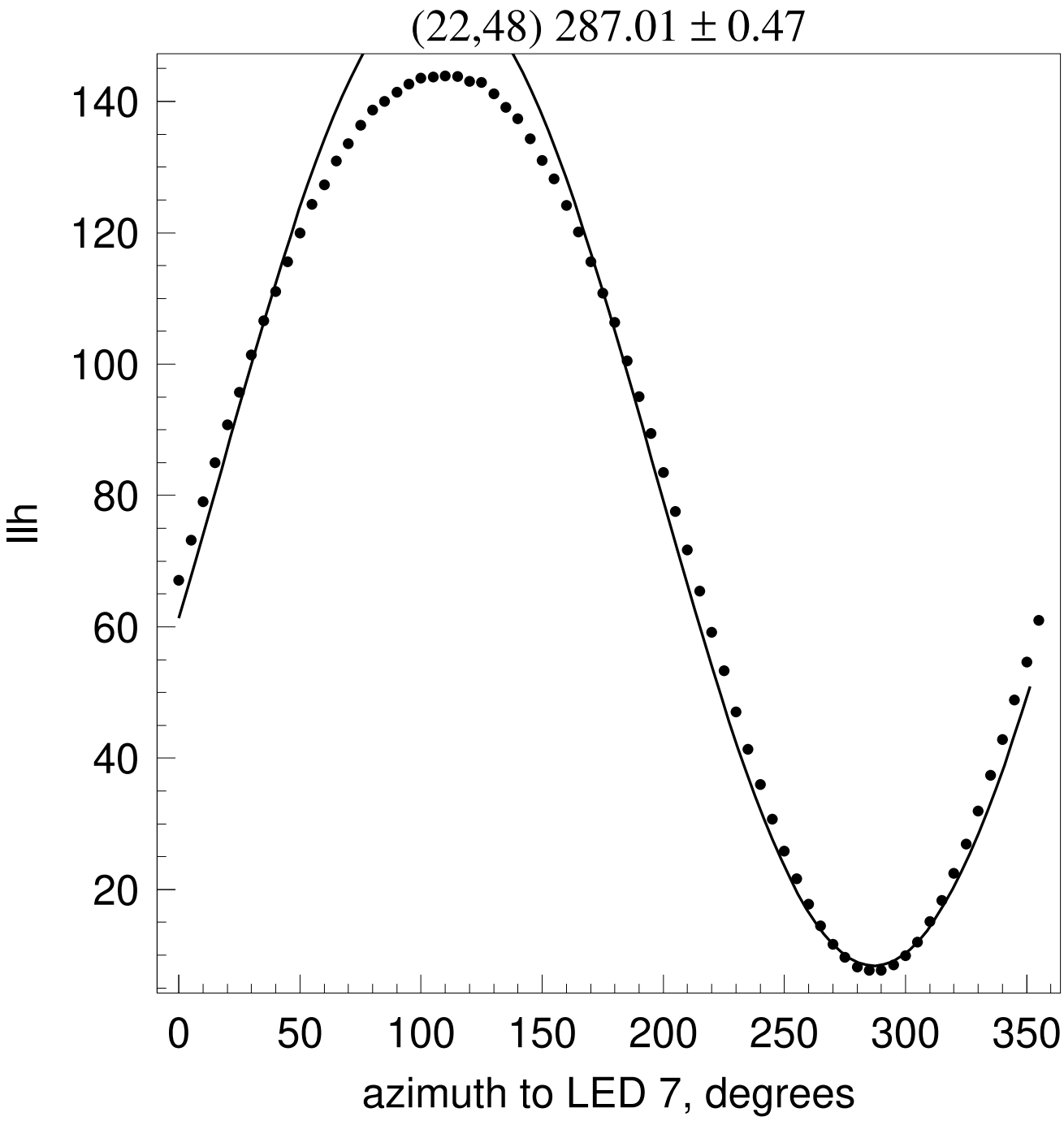

(22,43) 31.93 ± 0.28
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

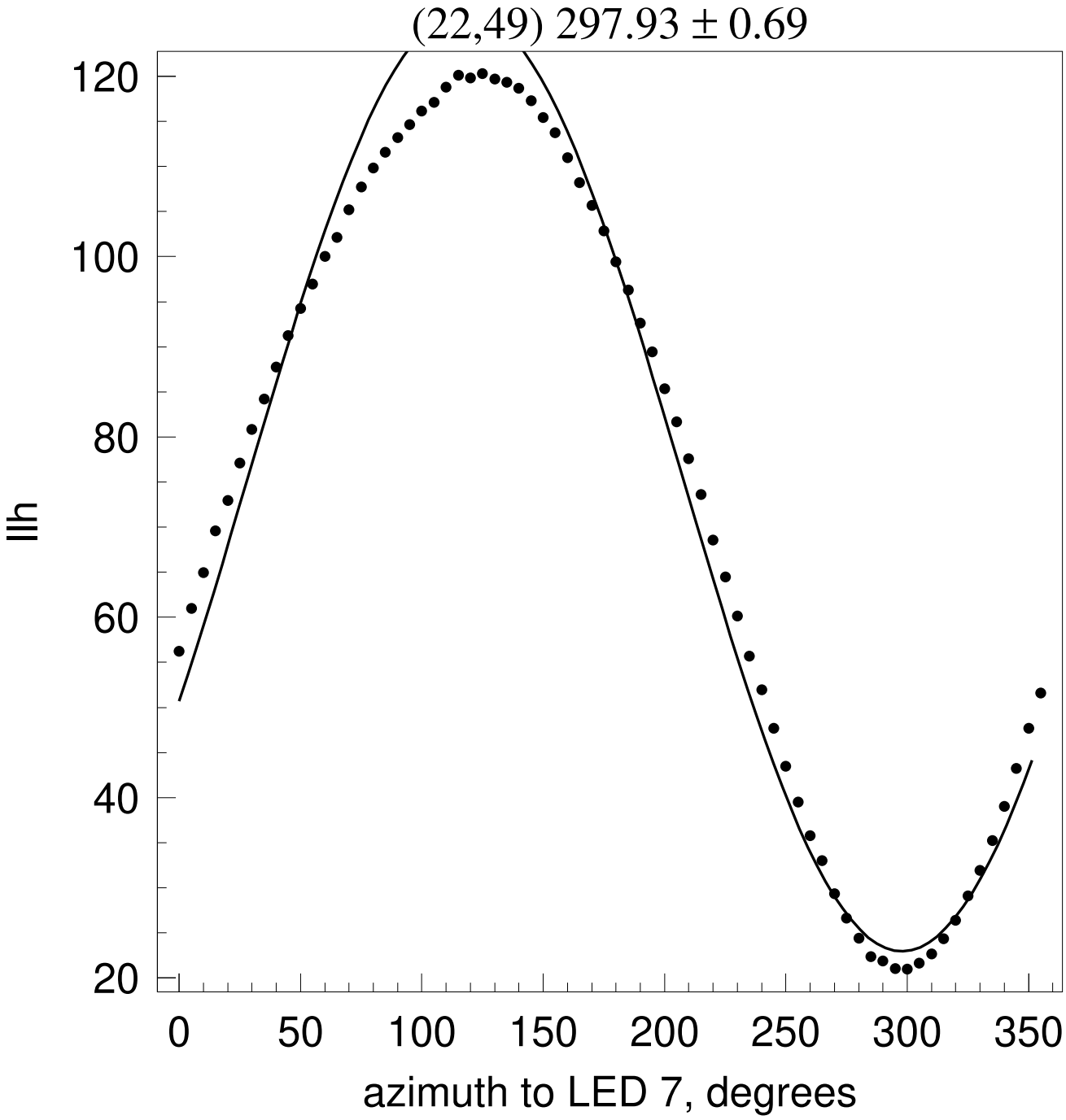

(22,44) 251.65 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

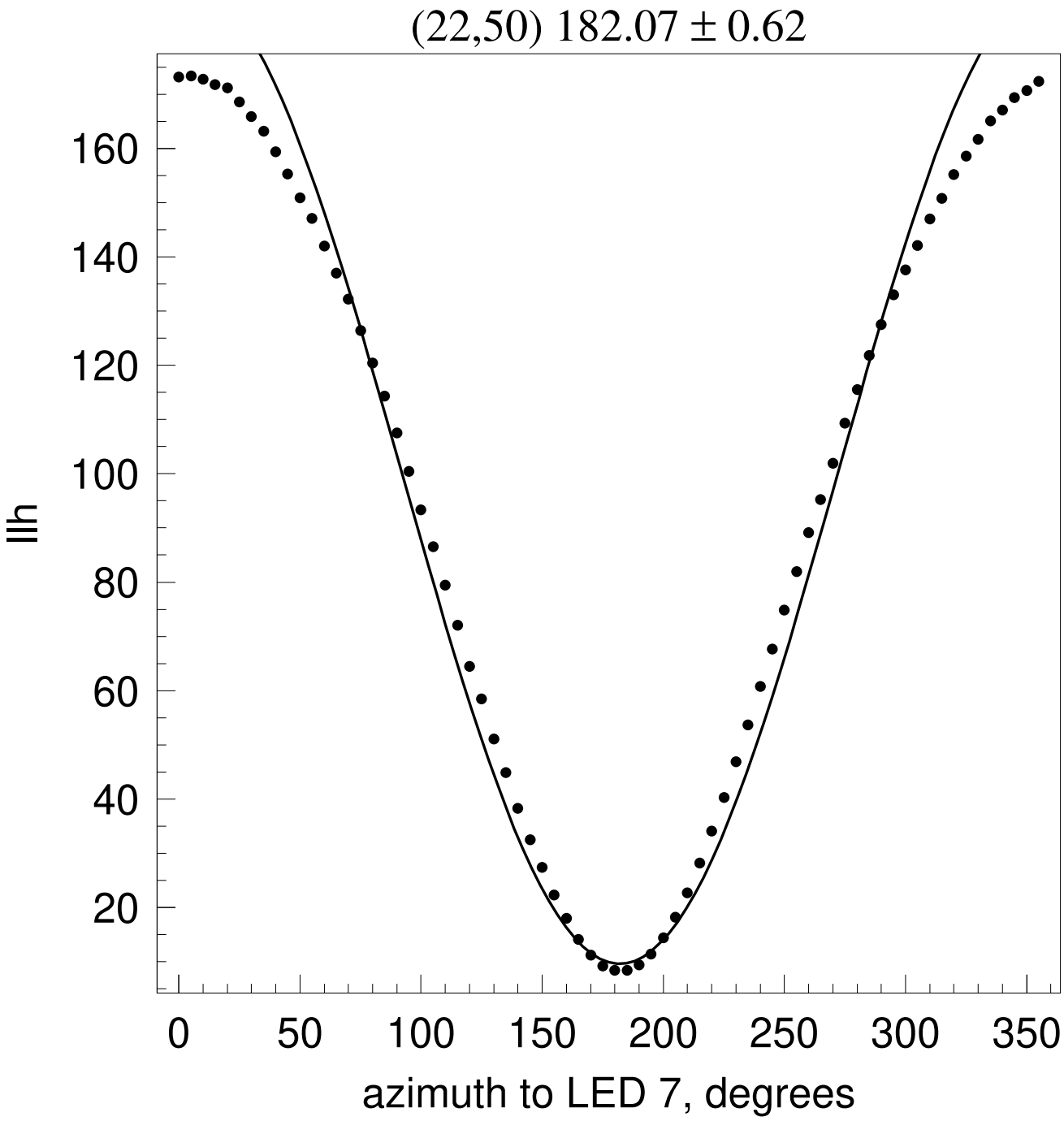

(22,45) 53.94 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

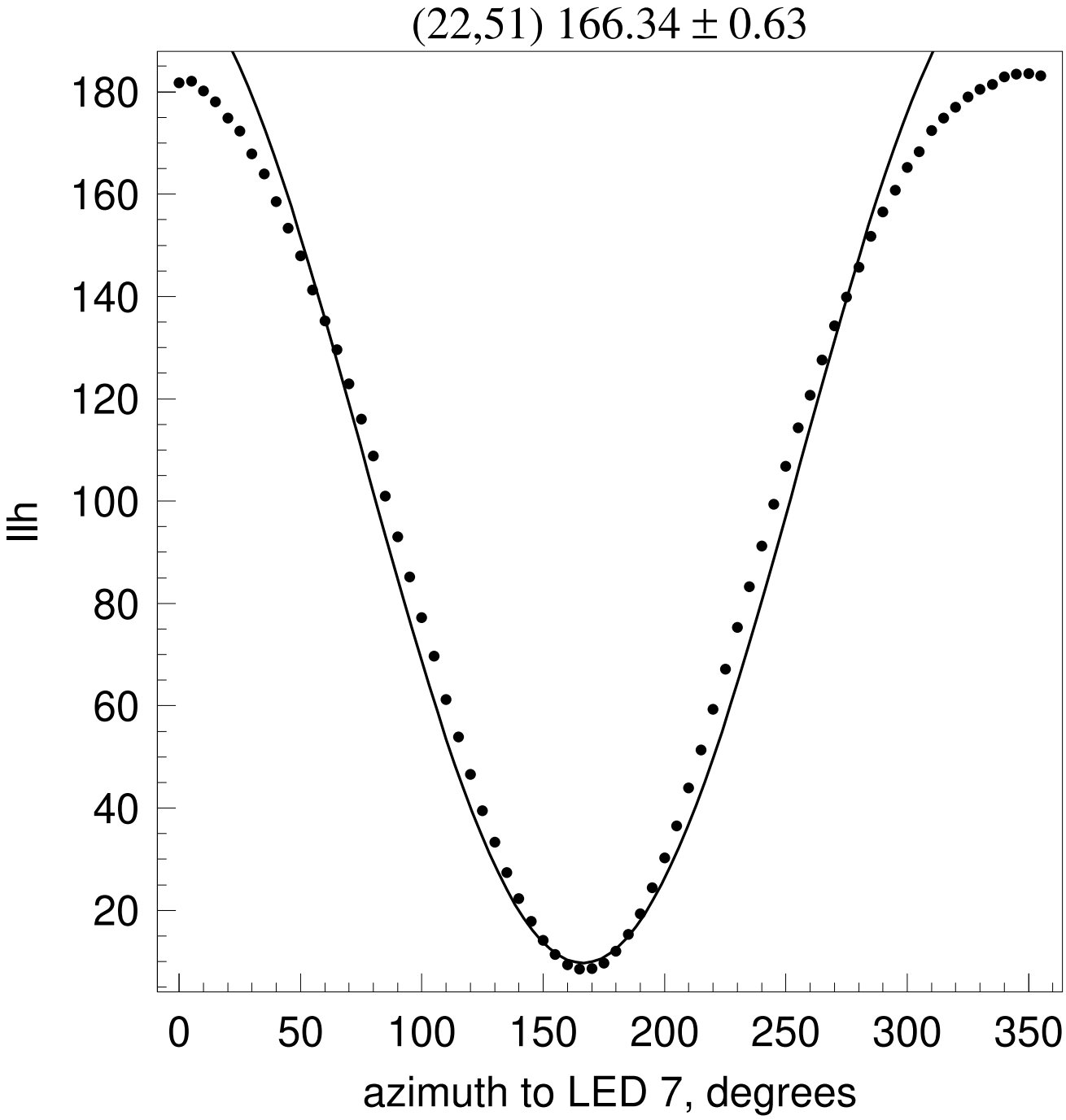

(22,46) 47.01 ± 0.38
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

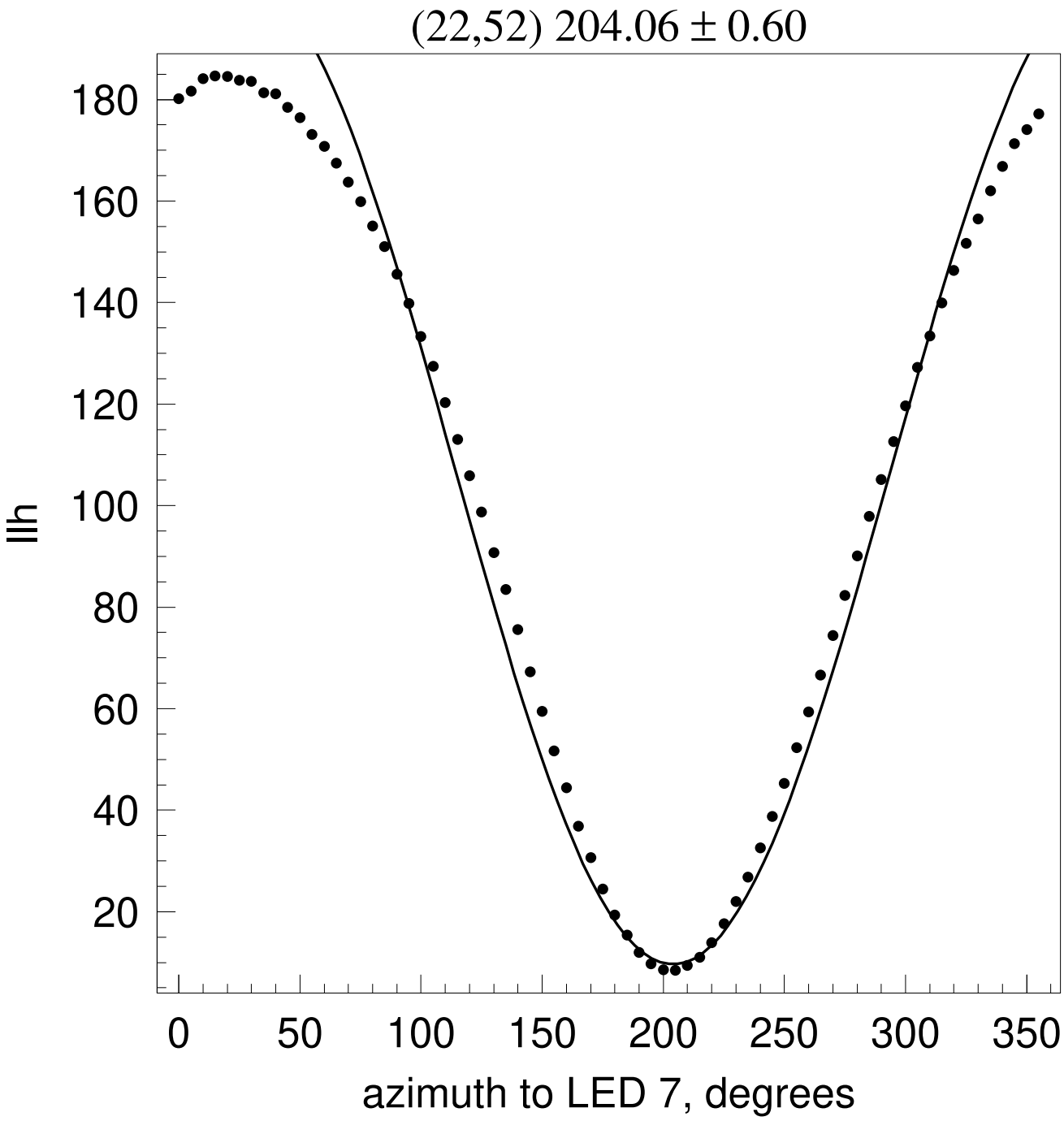

(22,47) 71.82 ± 0.47
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

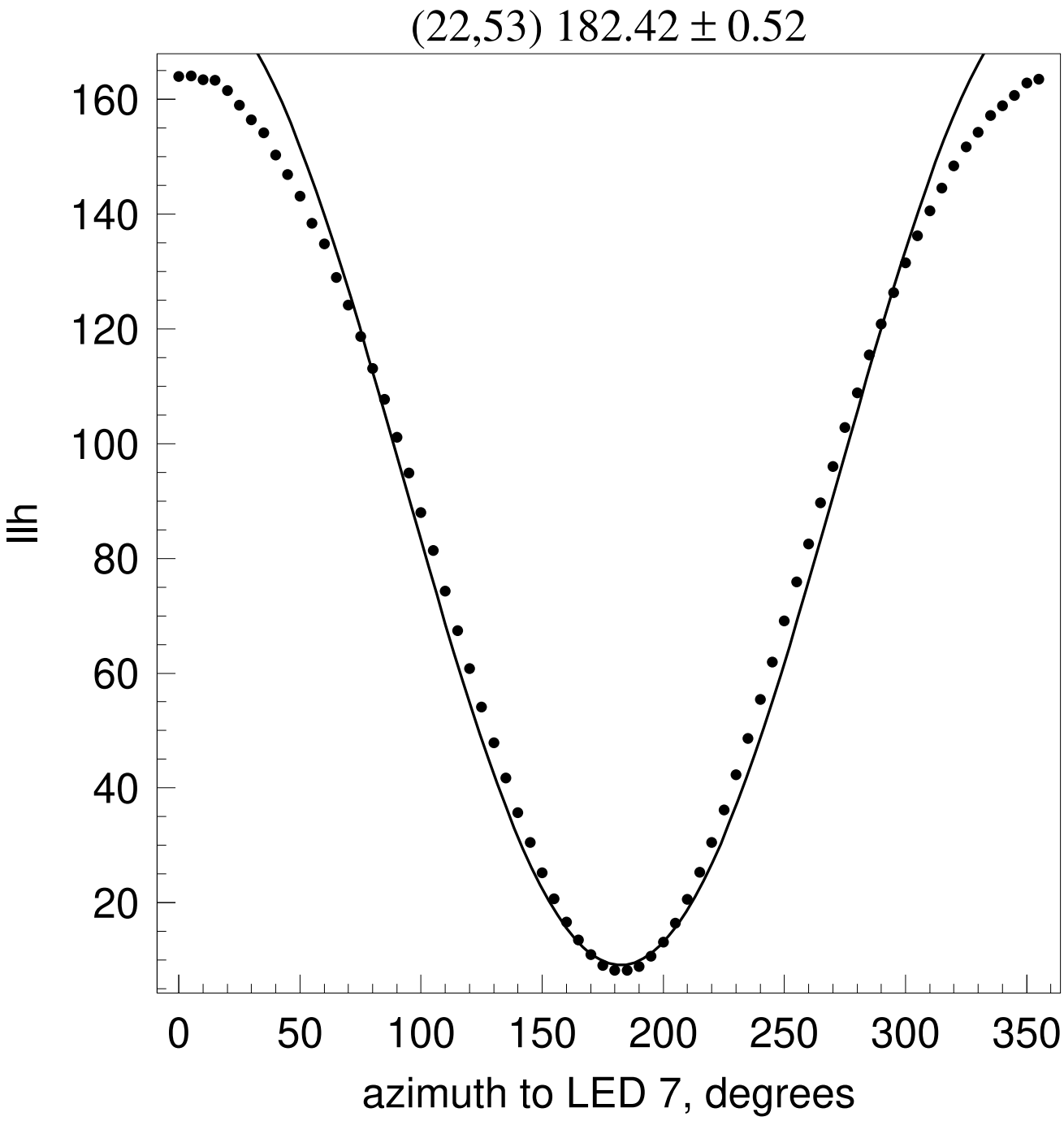

(22,48) 287.01 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

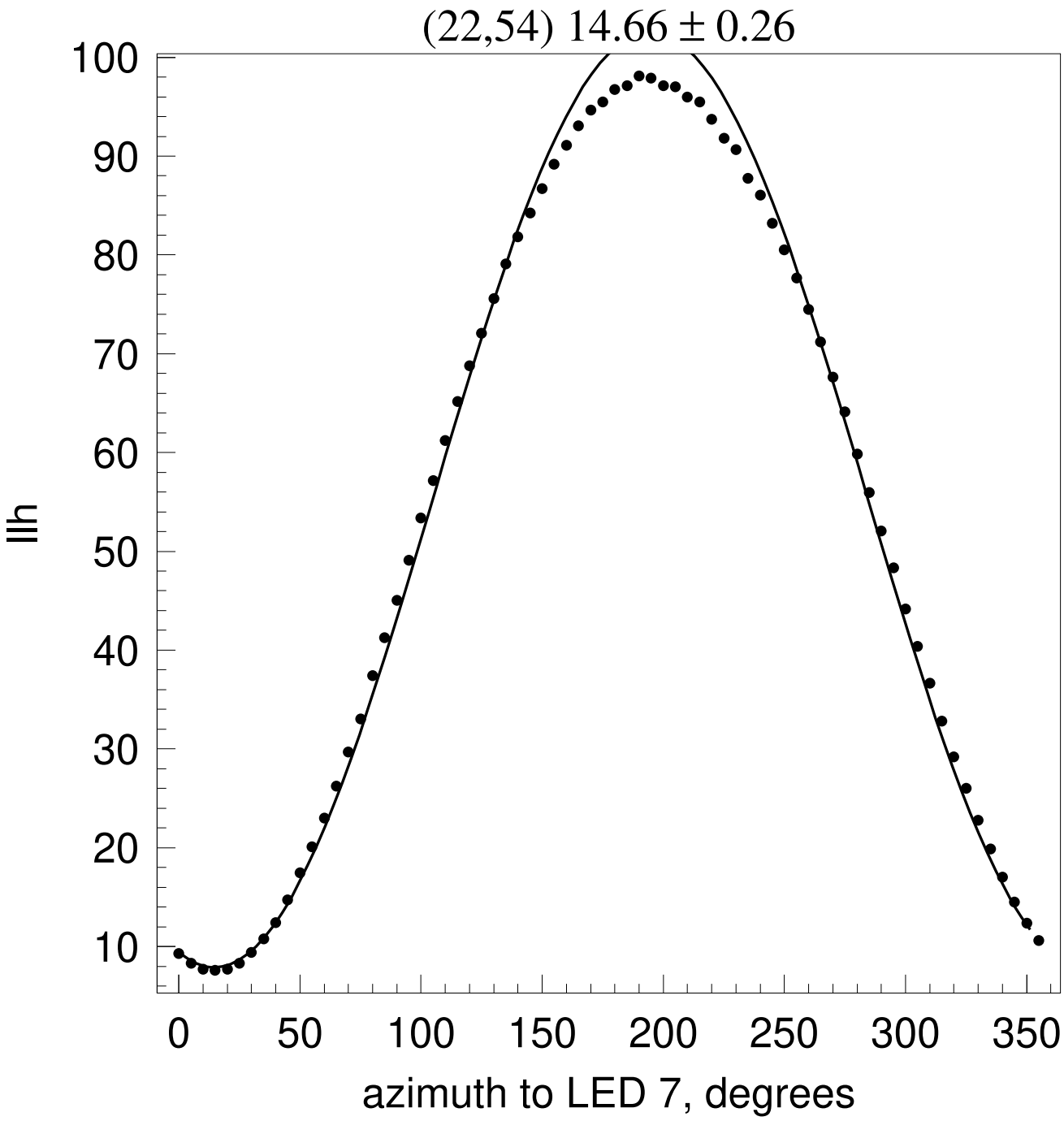

(22,49) 297.93 ± 0.69
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

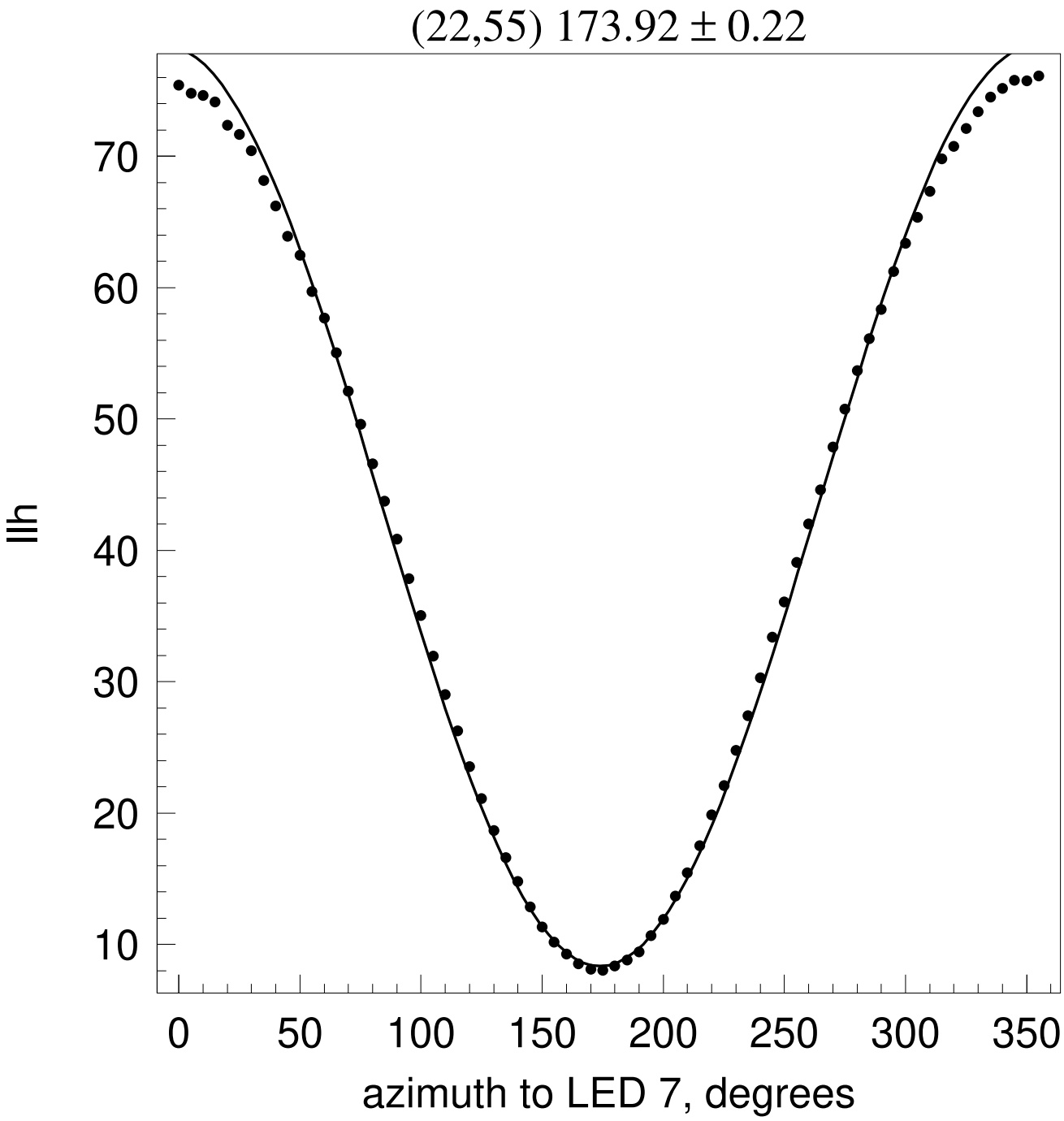

(22,50) 182.07 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

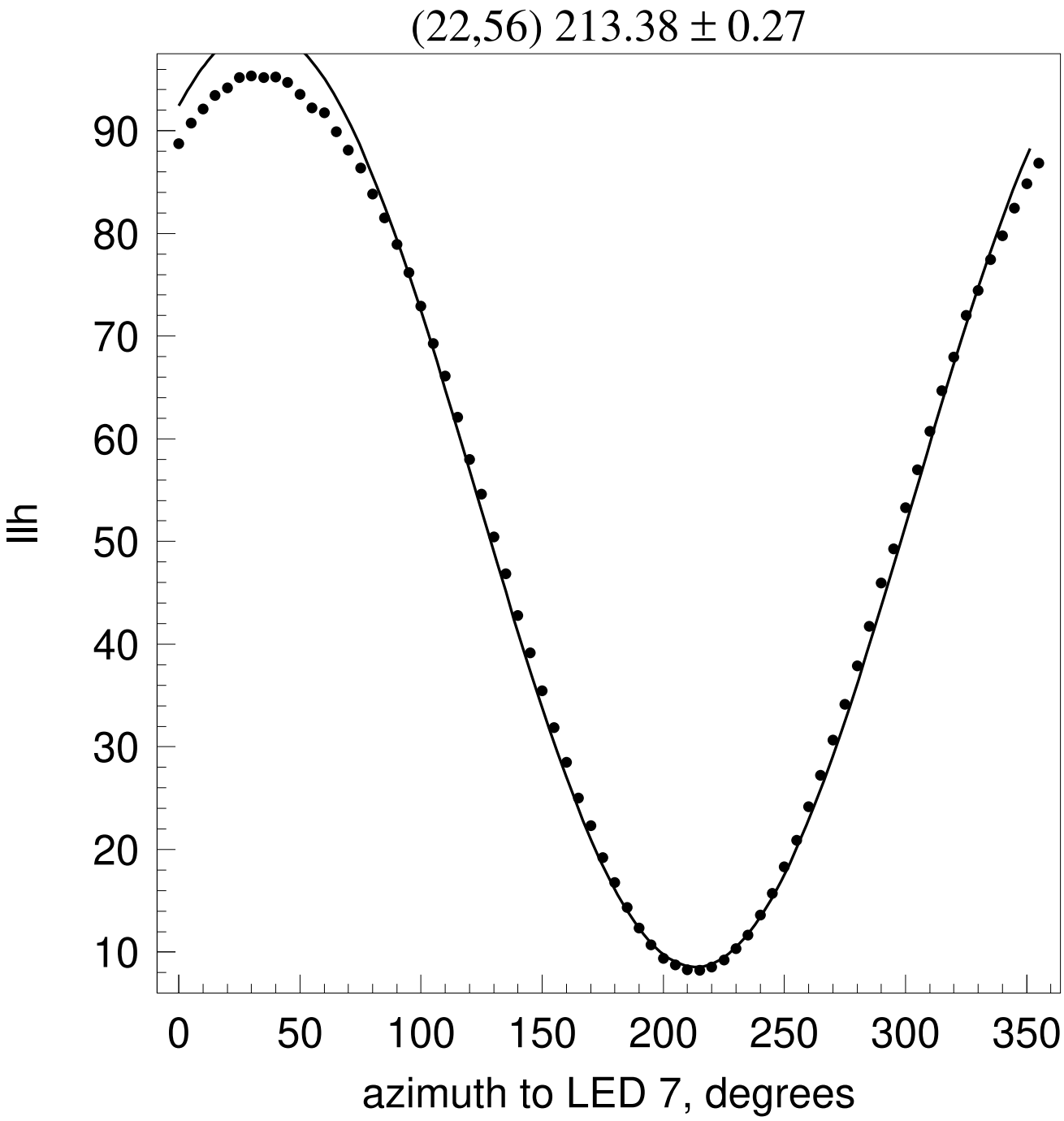

(22,51) 166.34 ± 0.63
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

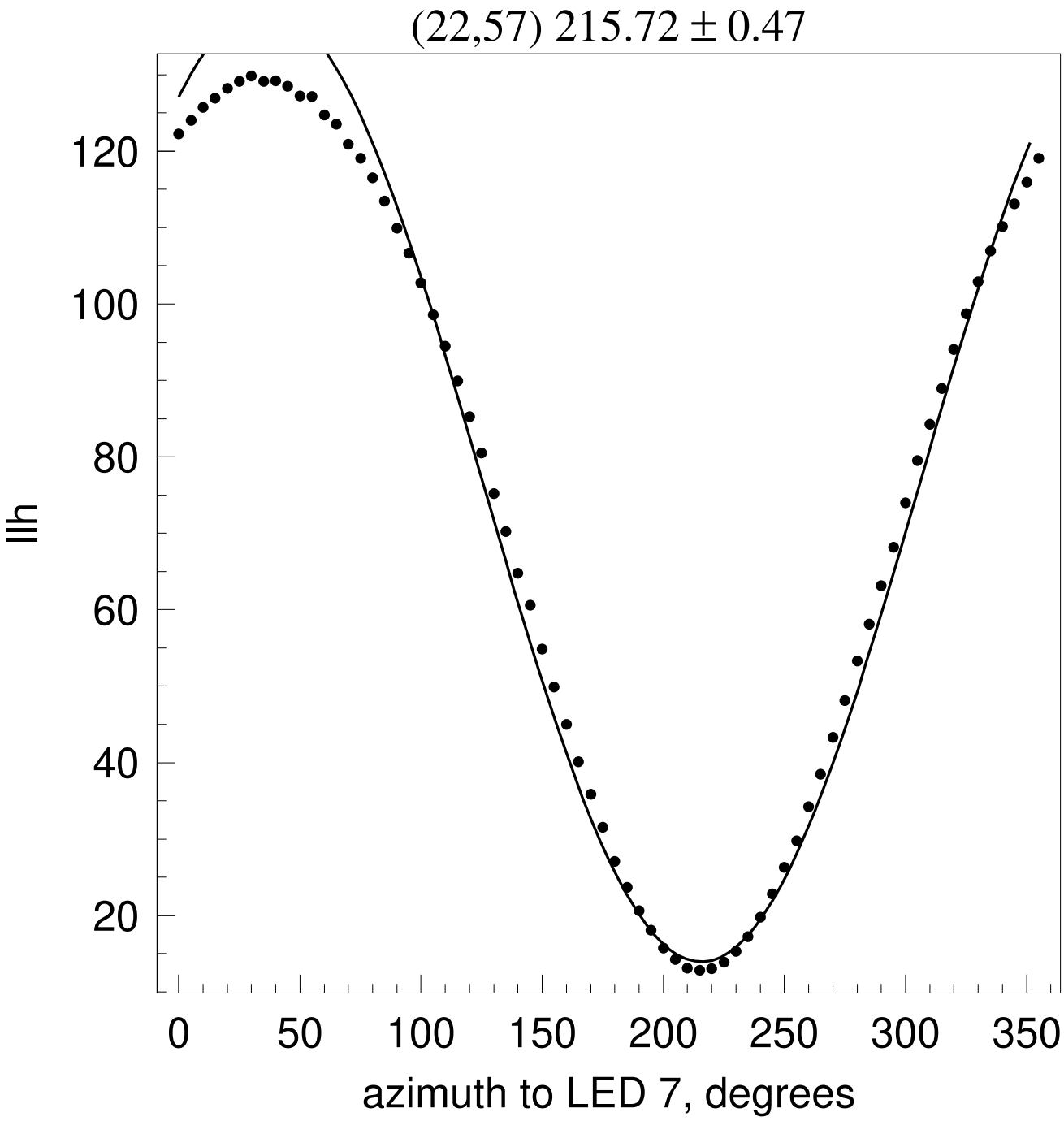

(22,52) 204.06 ± 0.60
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

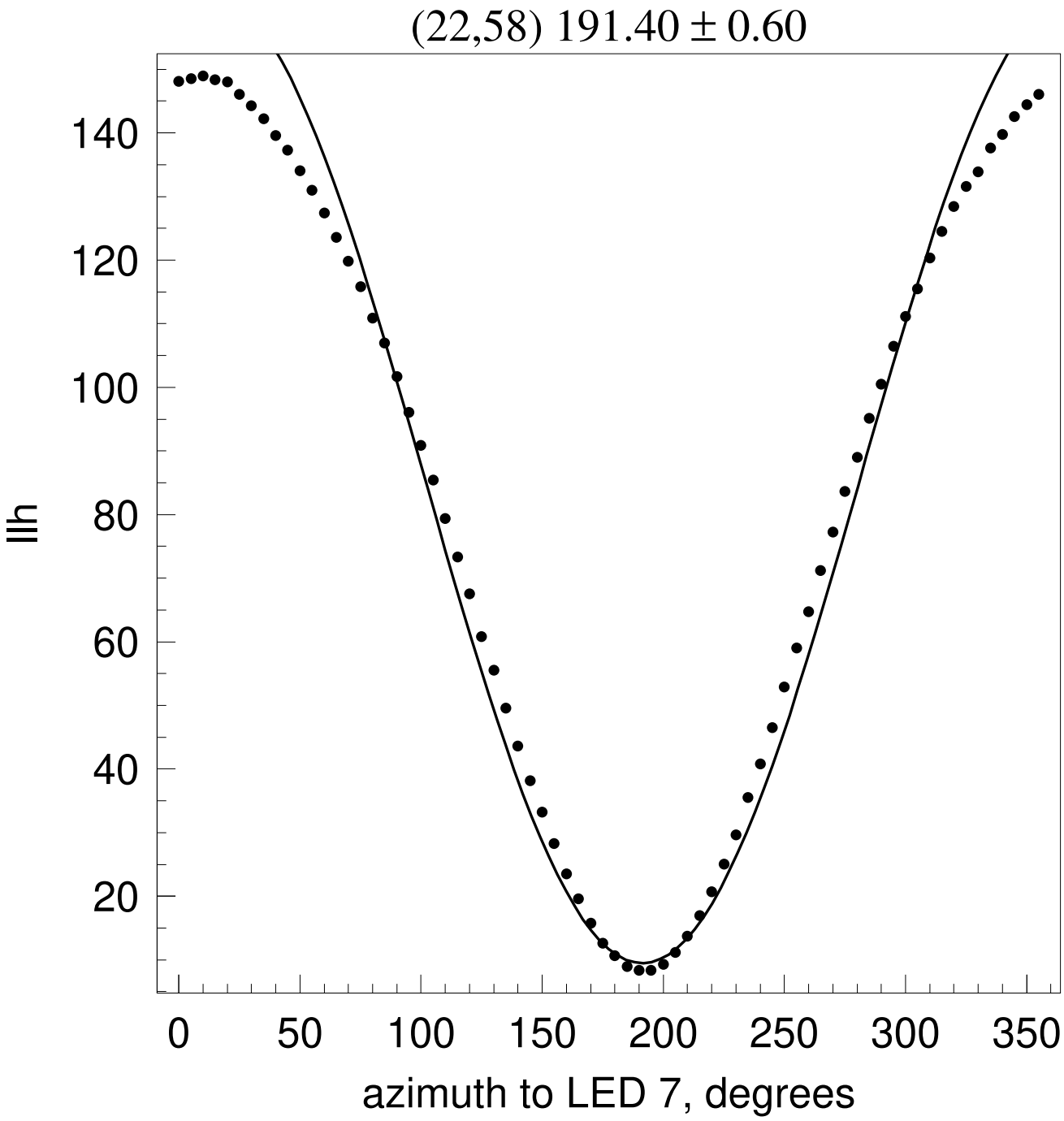

(22,53) 182.42 ± 0.52
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

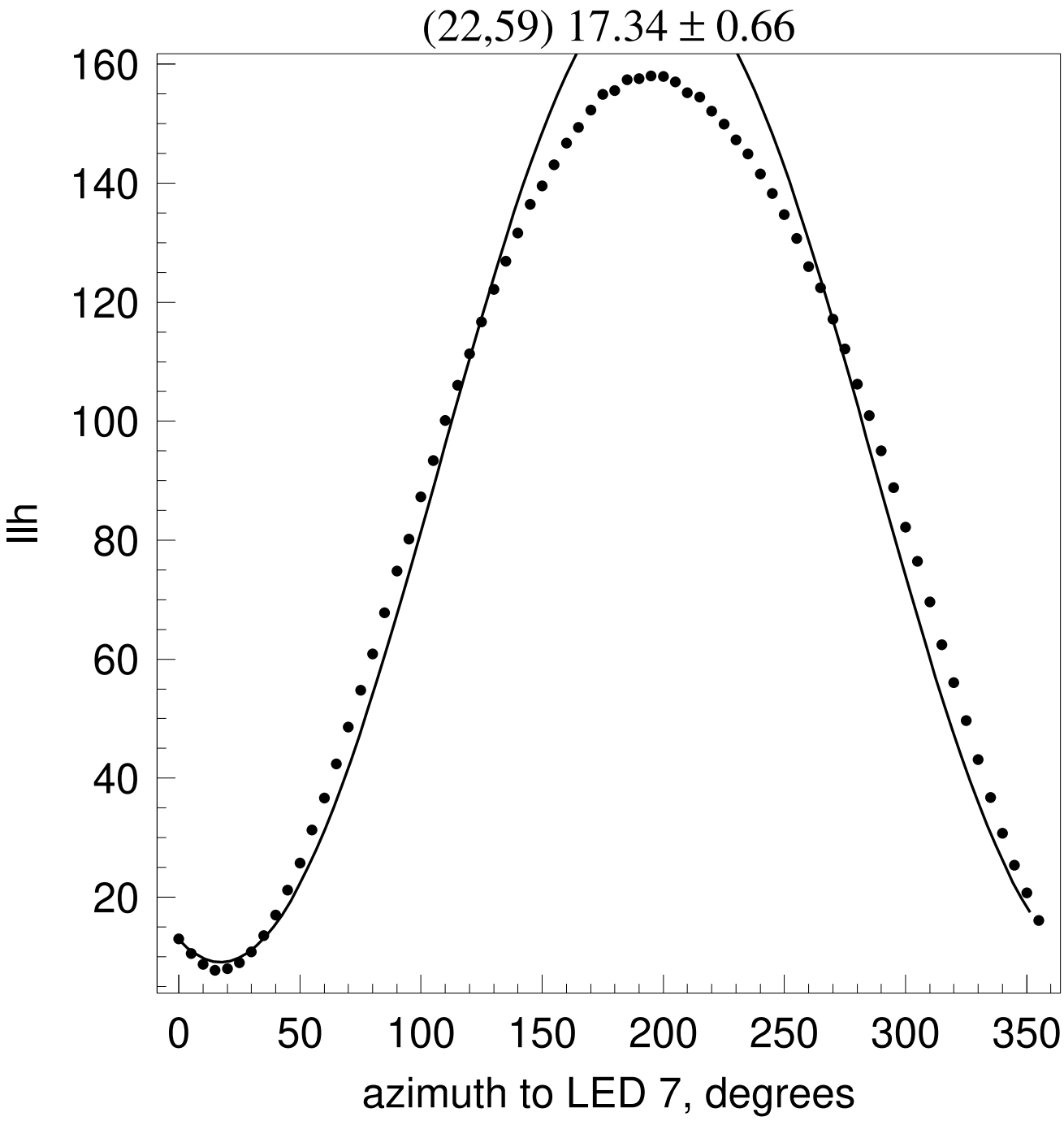

(22,54) 14.66 ± 0.26
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

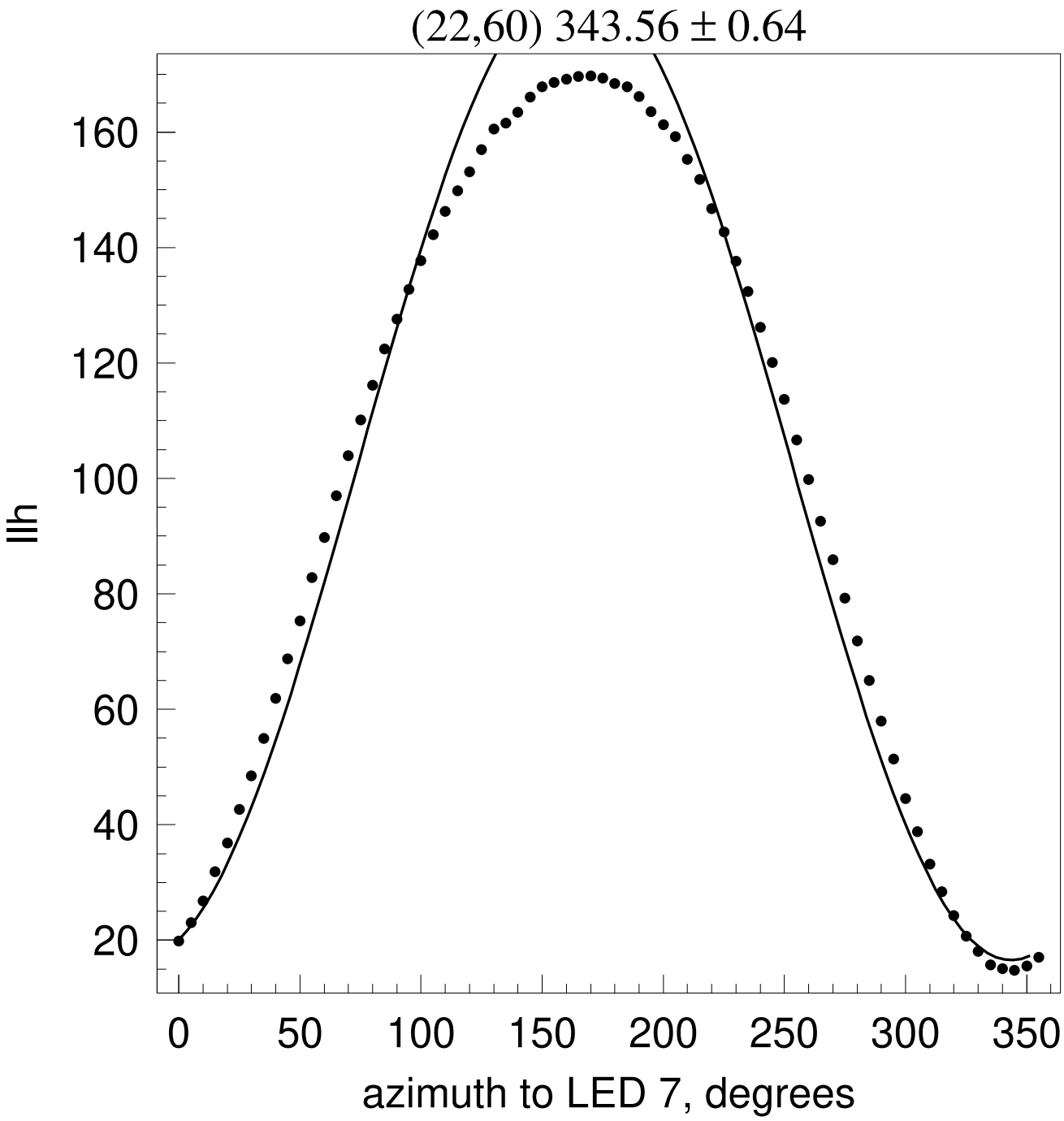

(22,55) 173.92 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

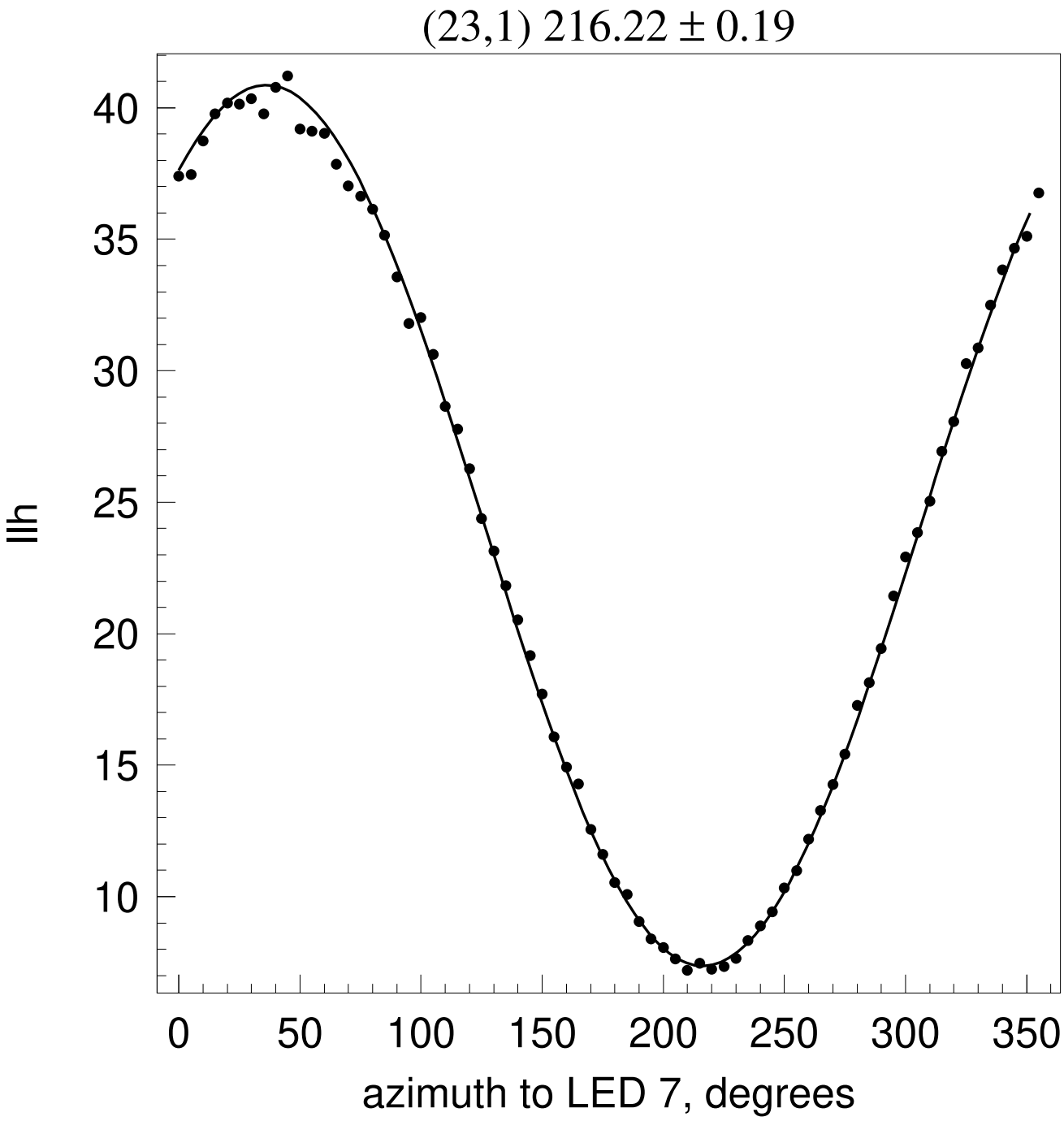

(22,56) 213.38 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

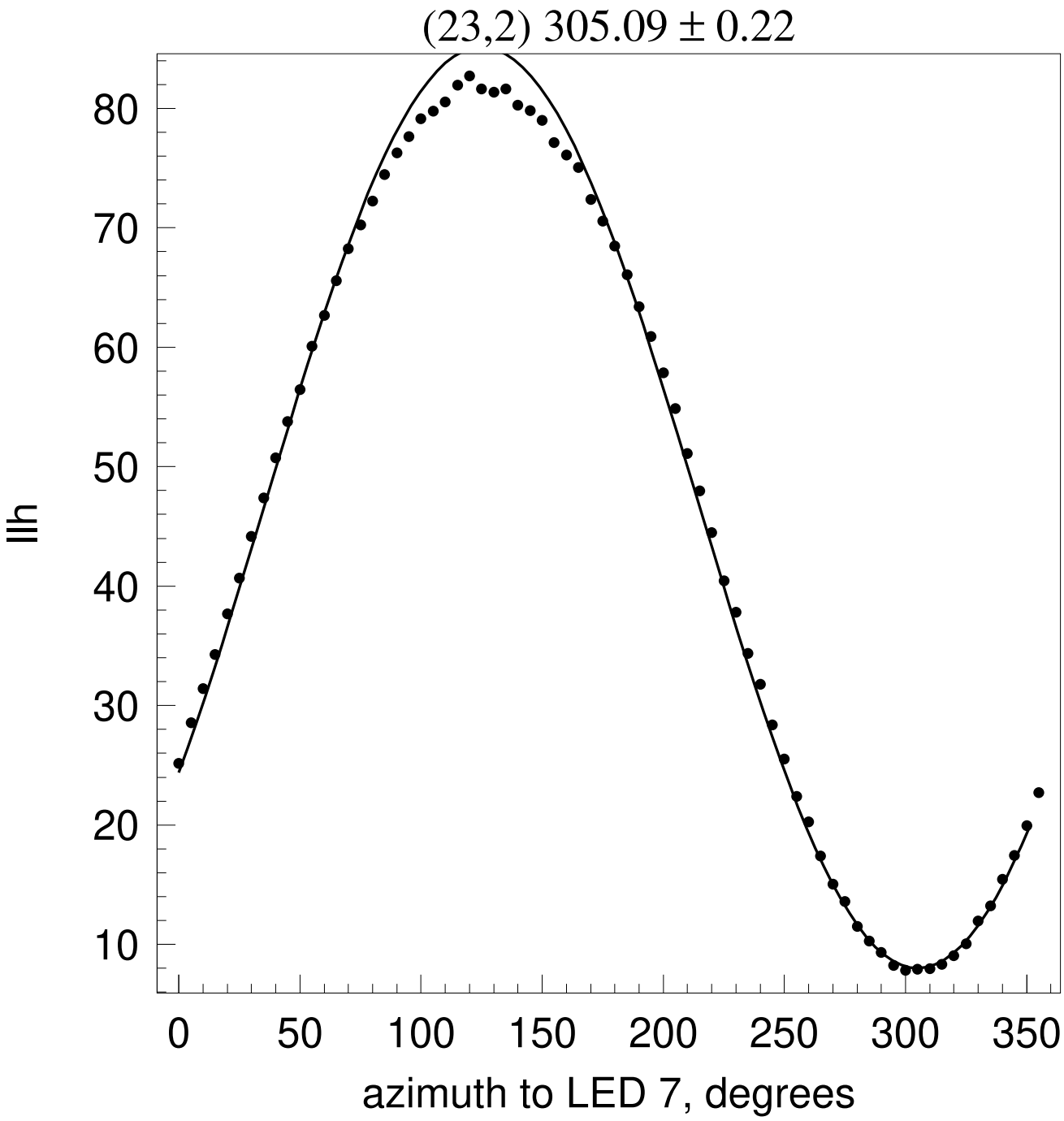

(22,57) 215.72 ± 0.47
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

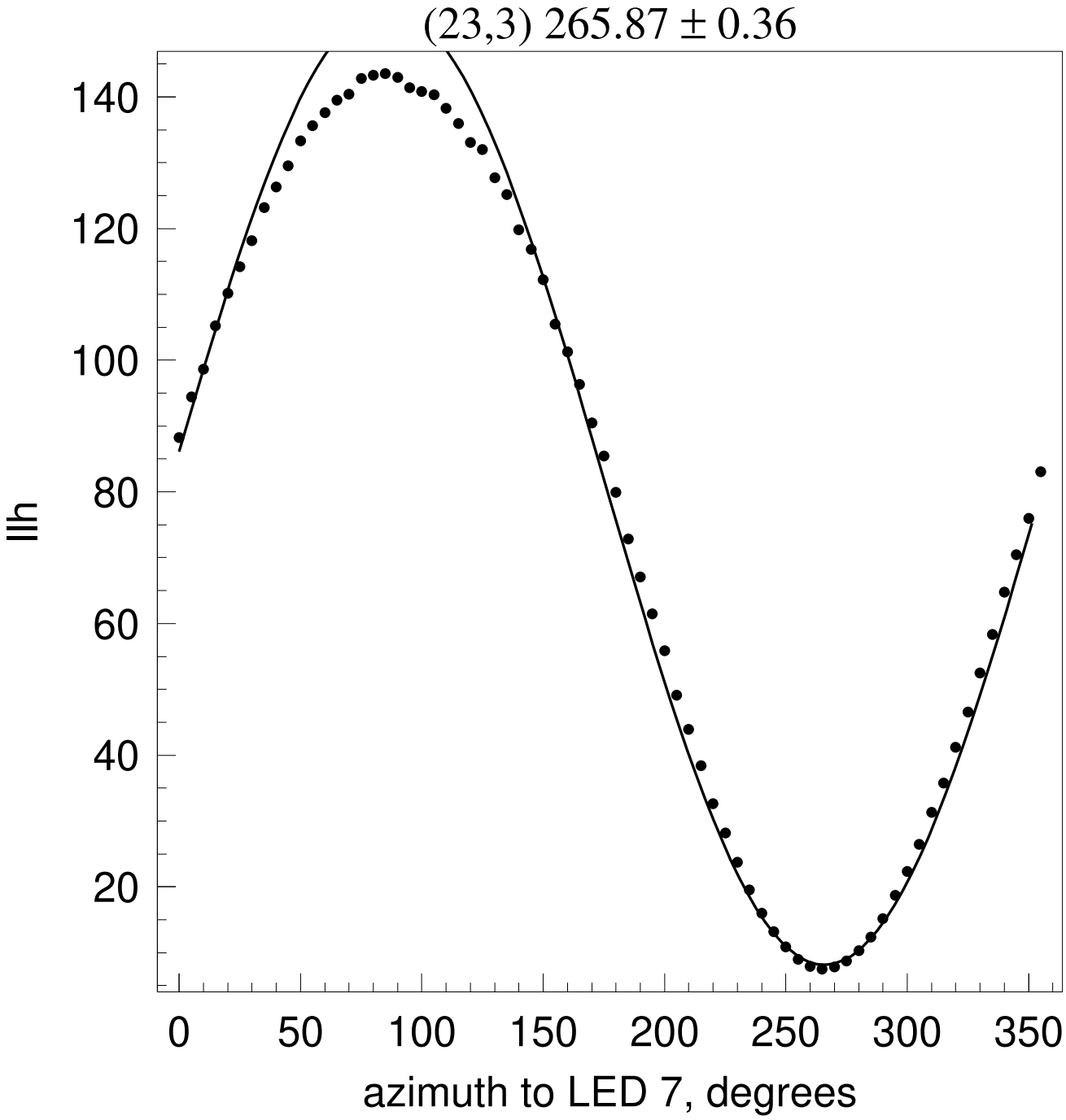

(22,58) 191.40 ± 0.60
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

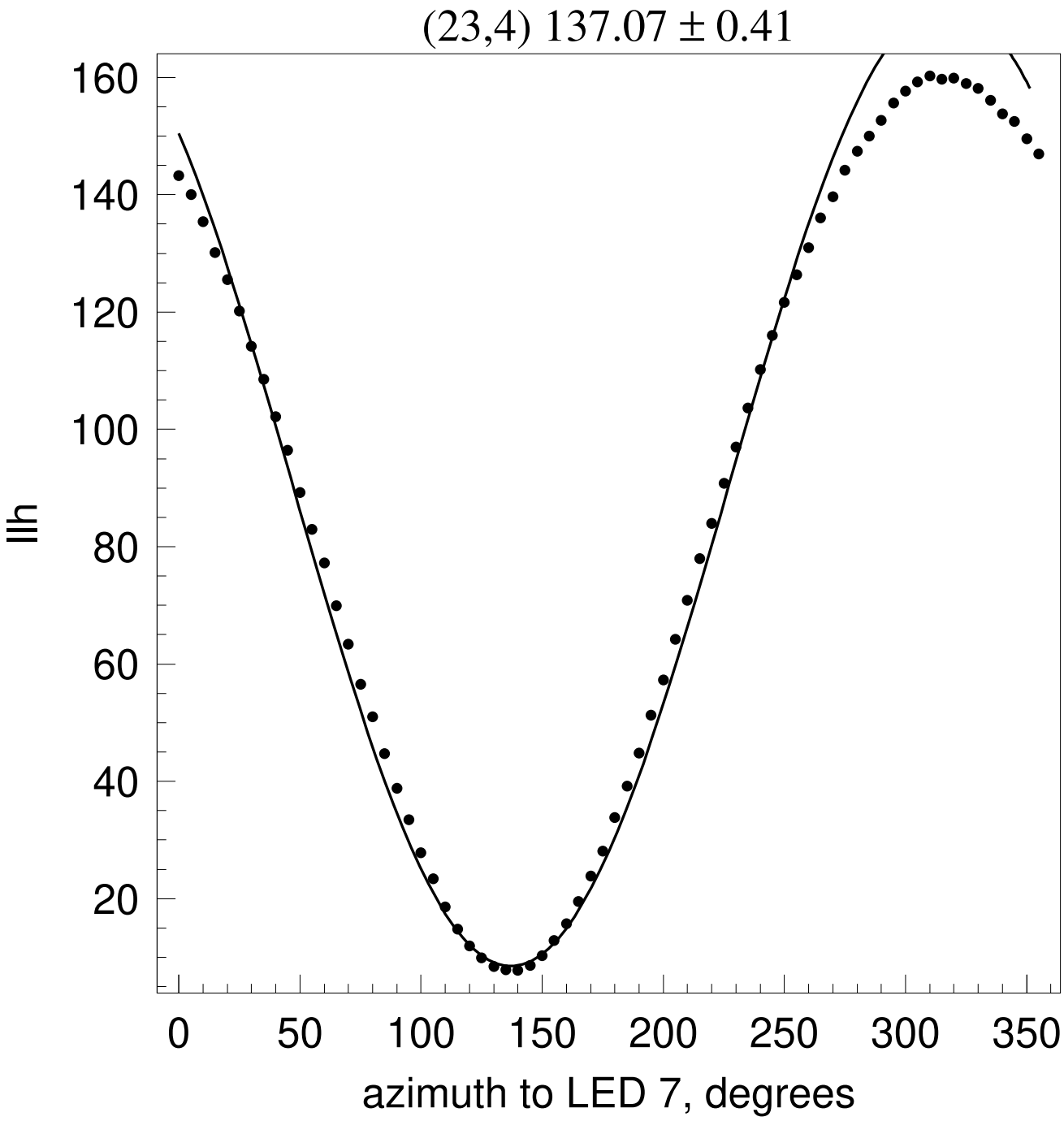

(22,59) 17.34 ± 0.66
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

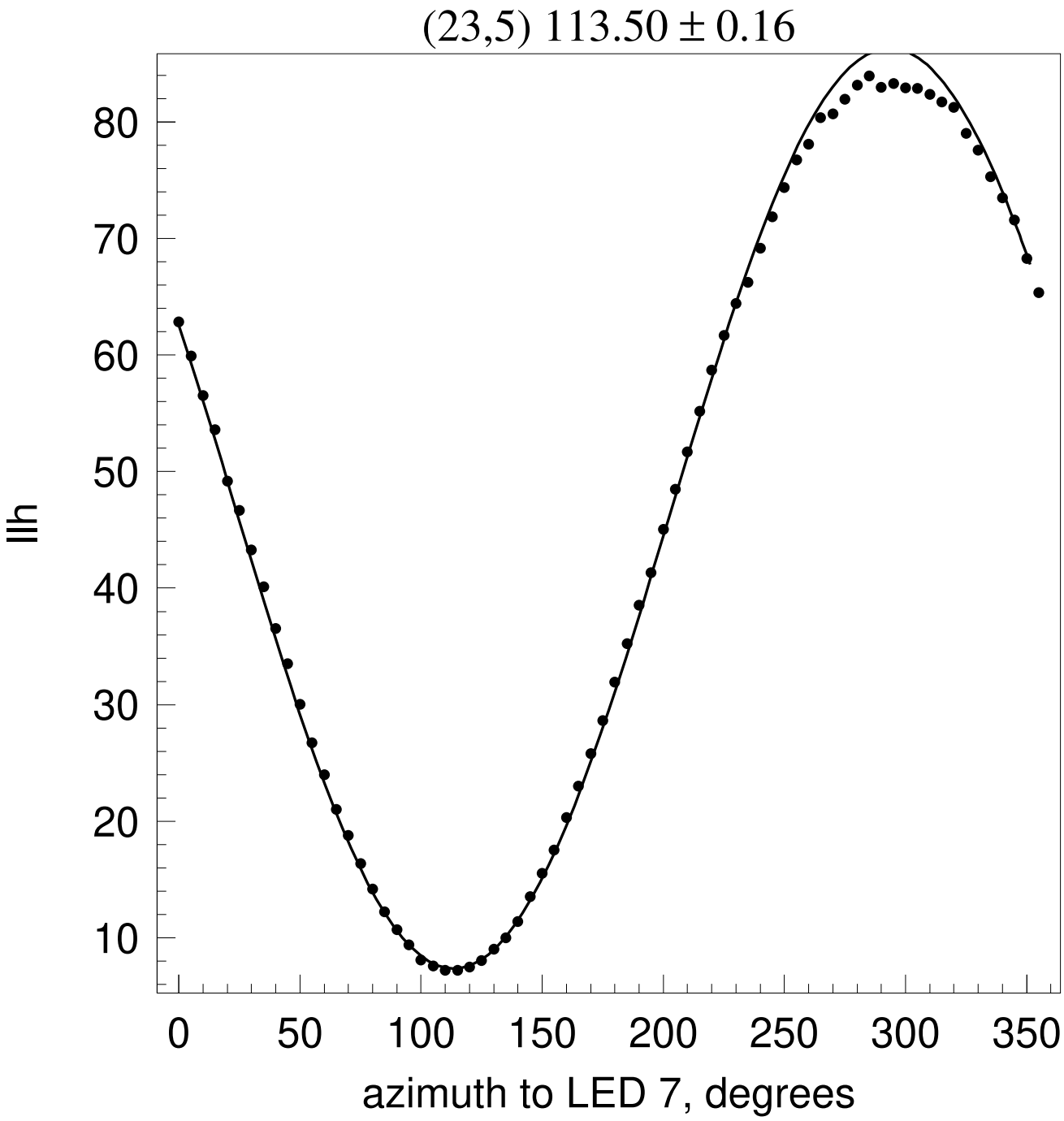

(22,60) 343.56 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

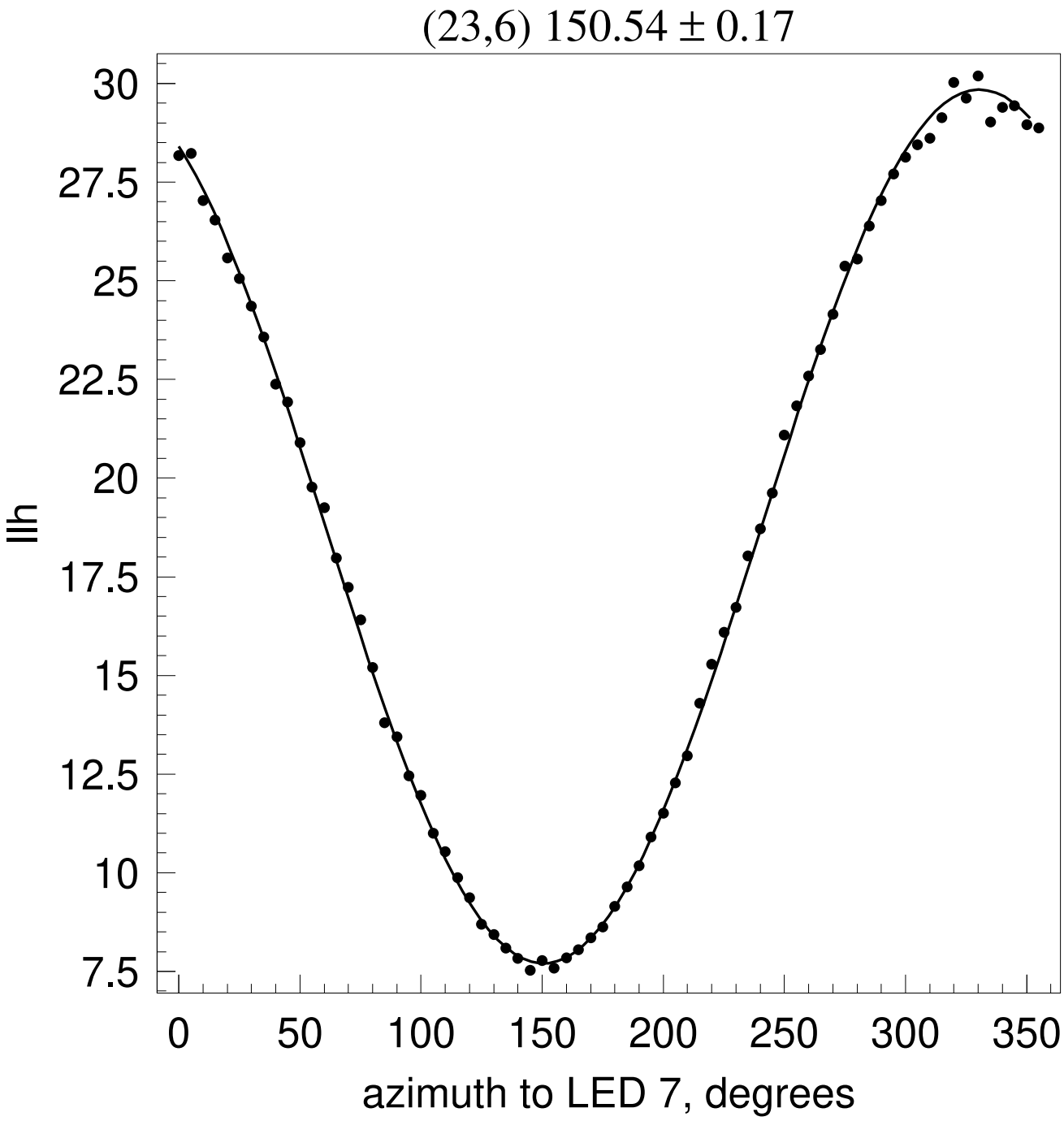

(23,1) 216.22 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

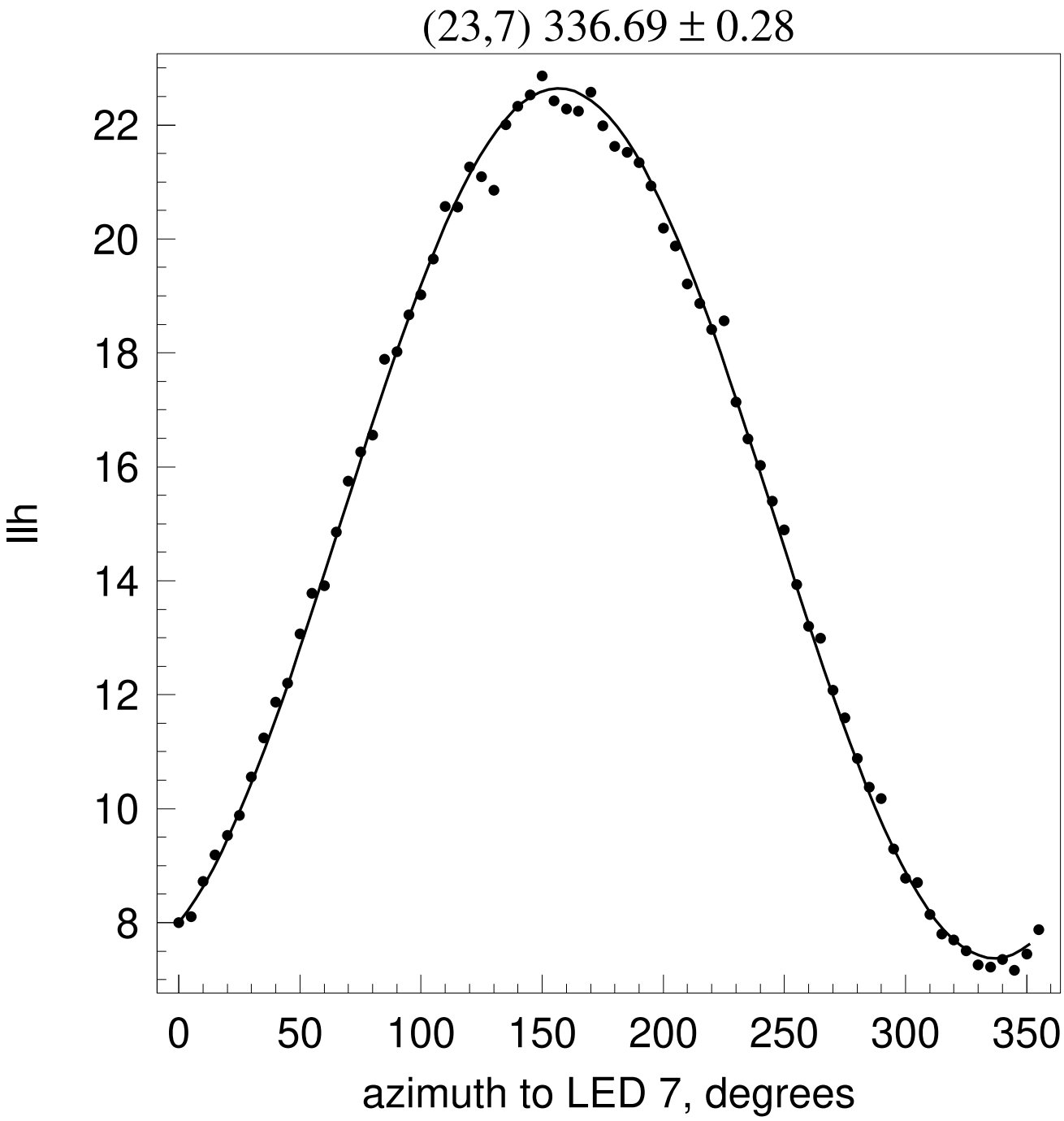

(23,2) 305.09 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

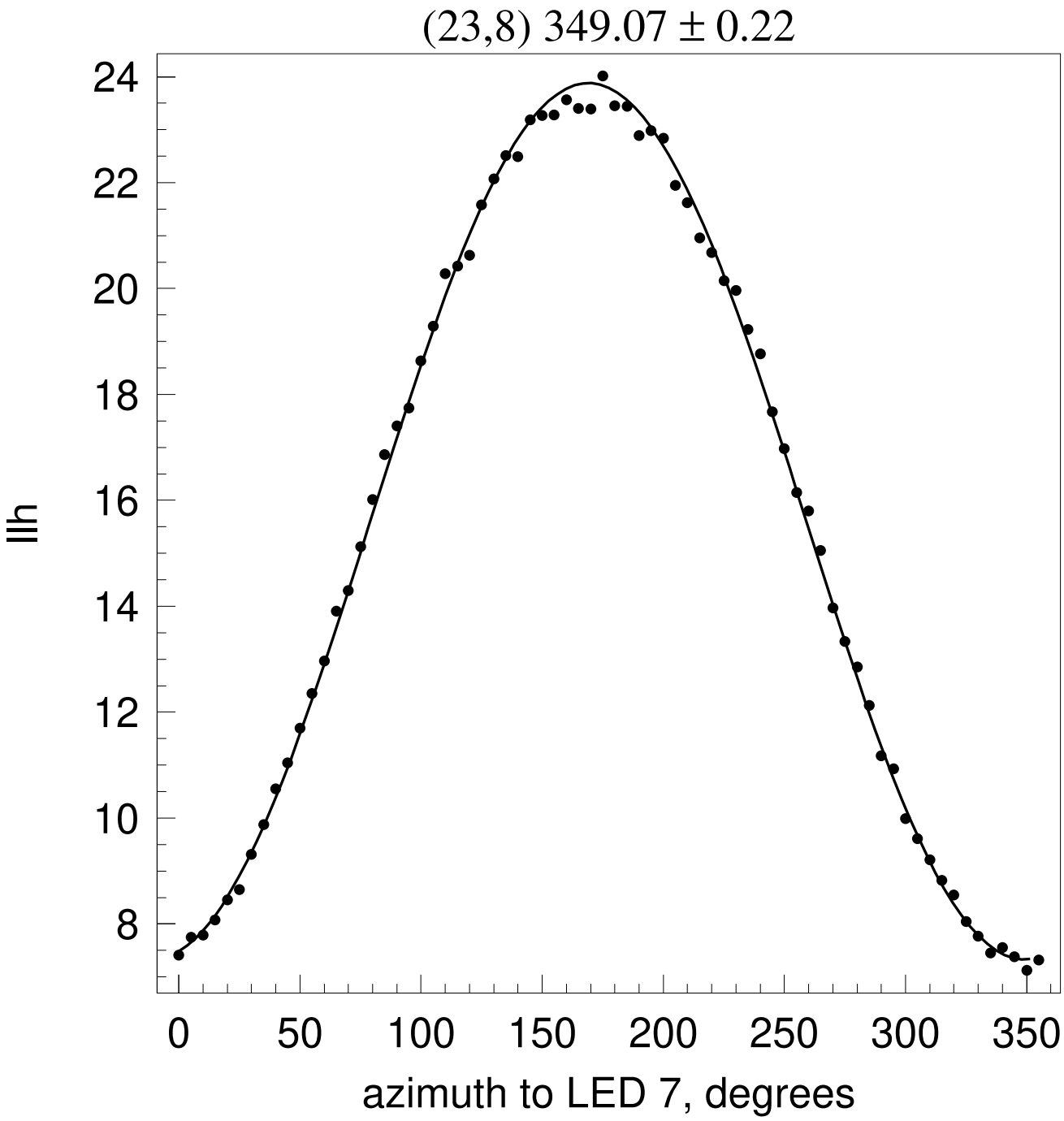

(23,3) 265.87 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

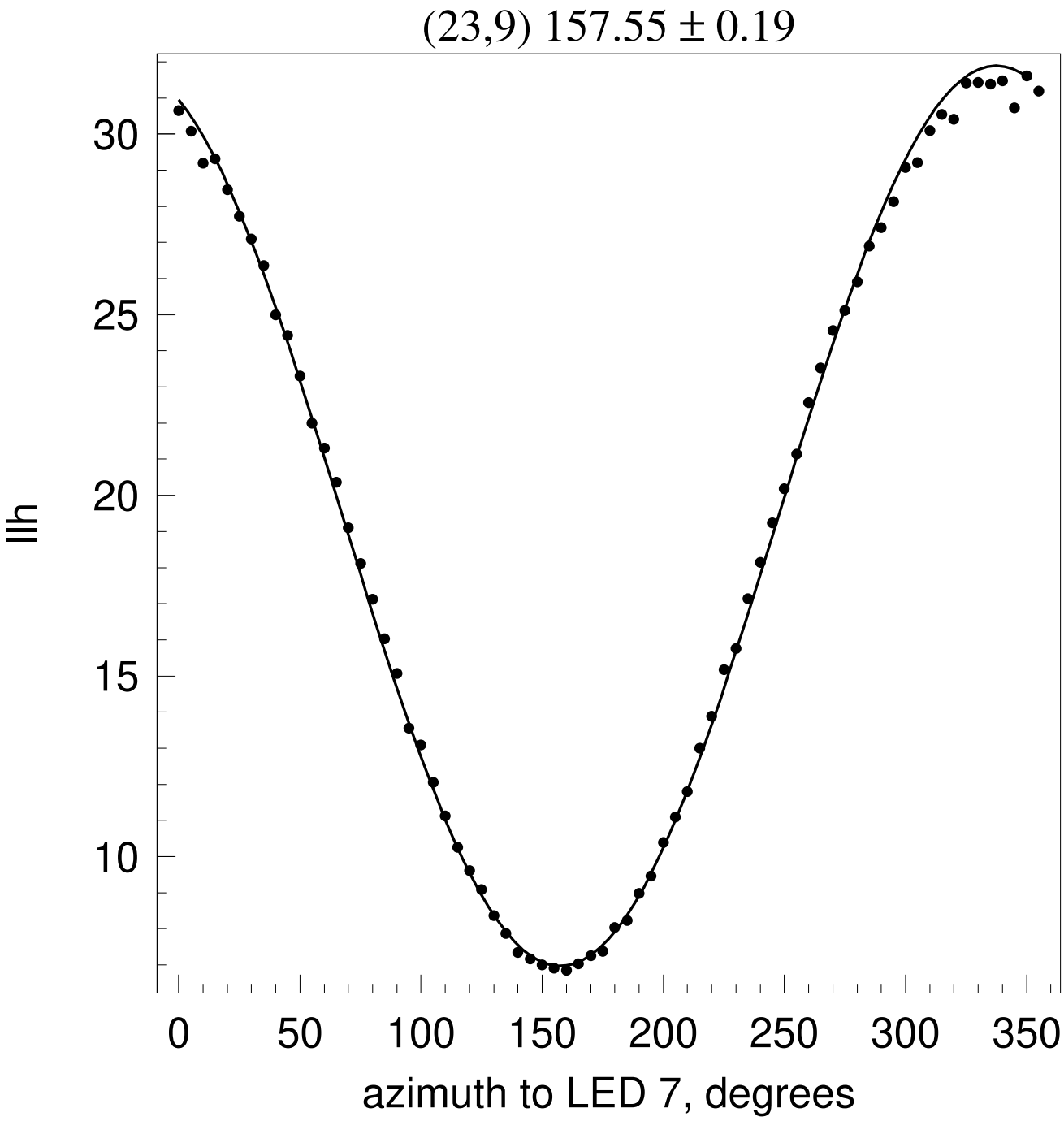

(23,4) 137.07 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

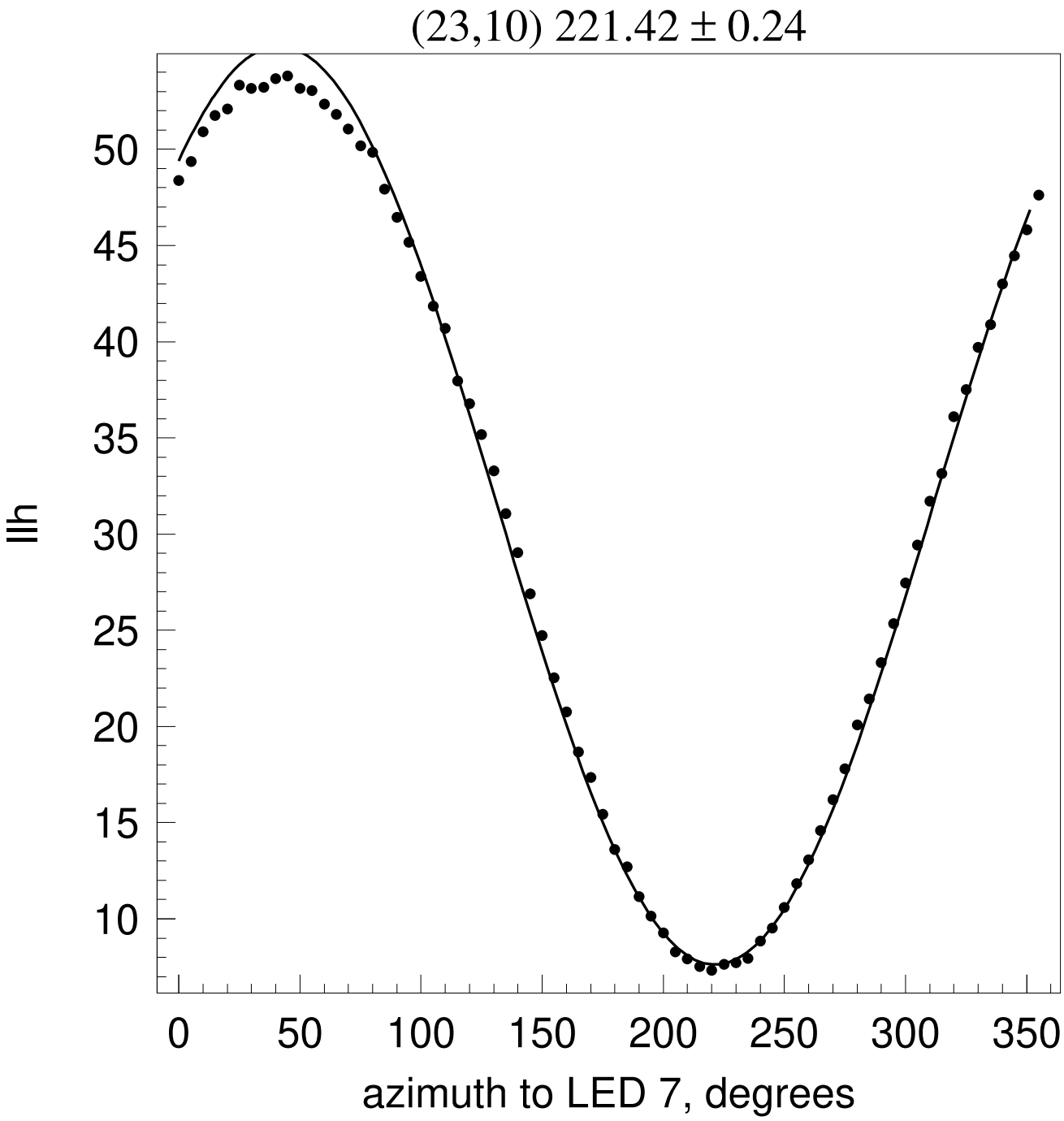

(23,5) 113.50 ± 0.16
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

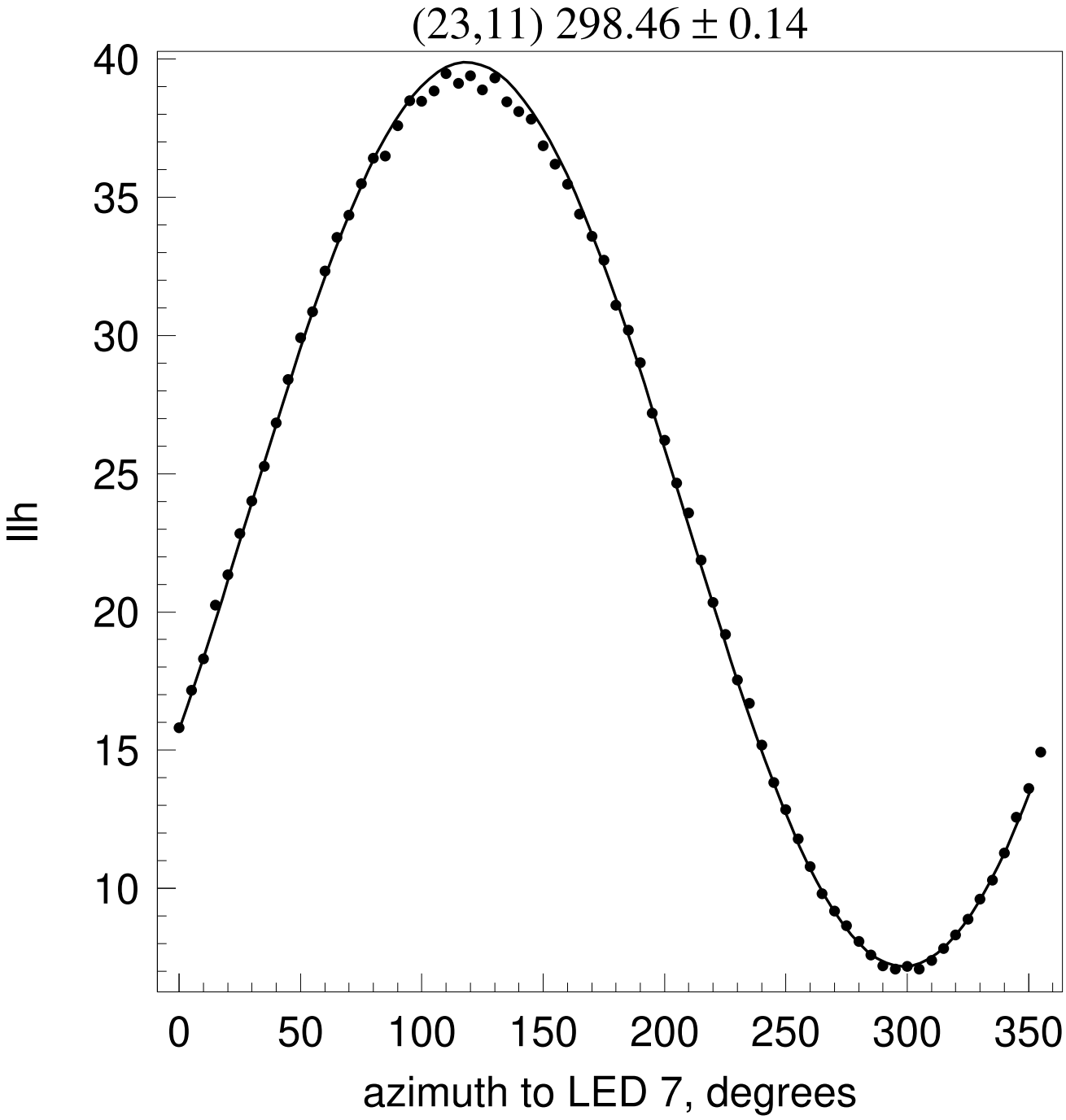

(23,6) 150.54 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

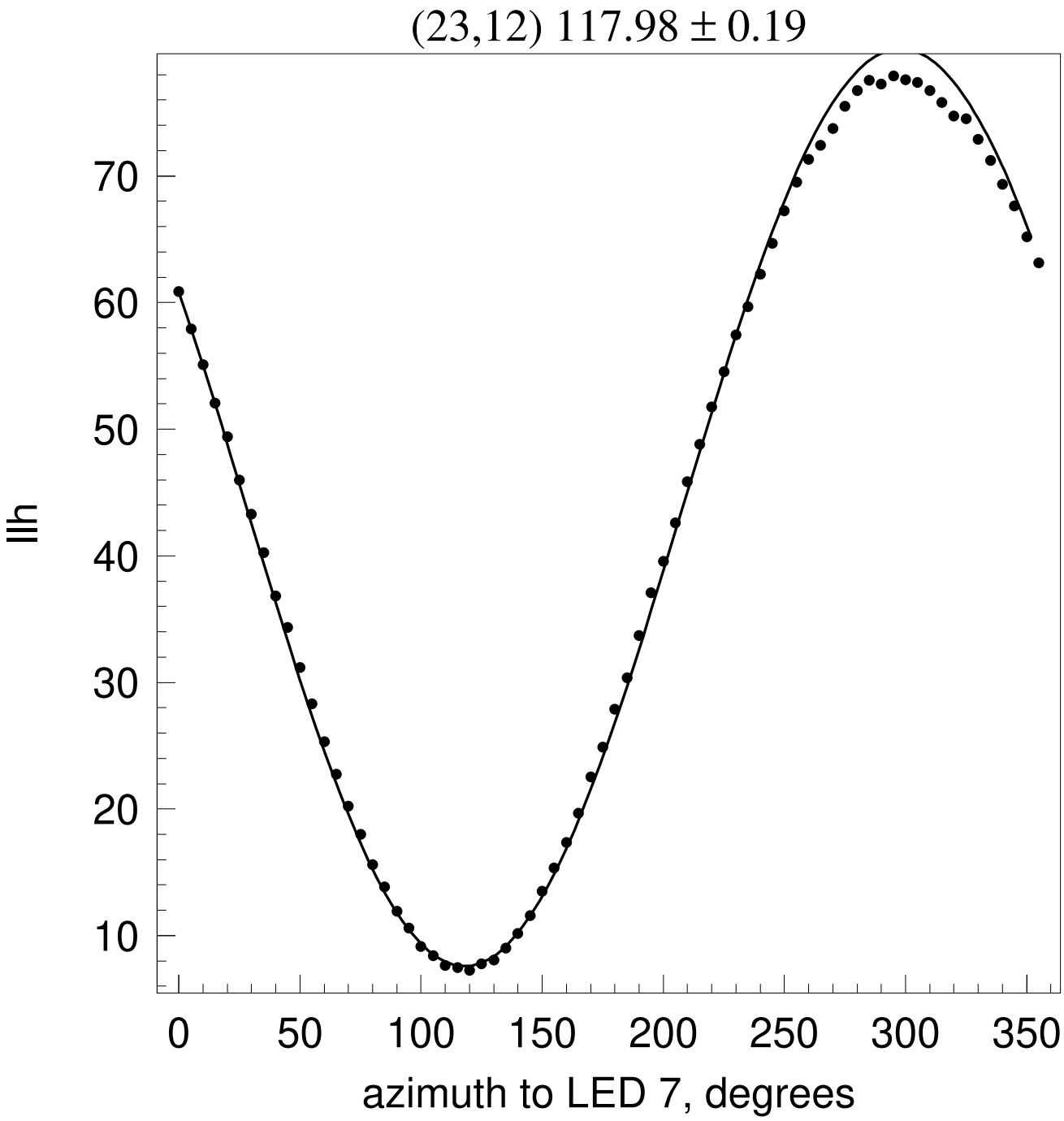

(23,7) 336.69 ± 0.28
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

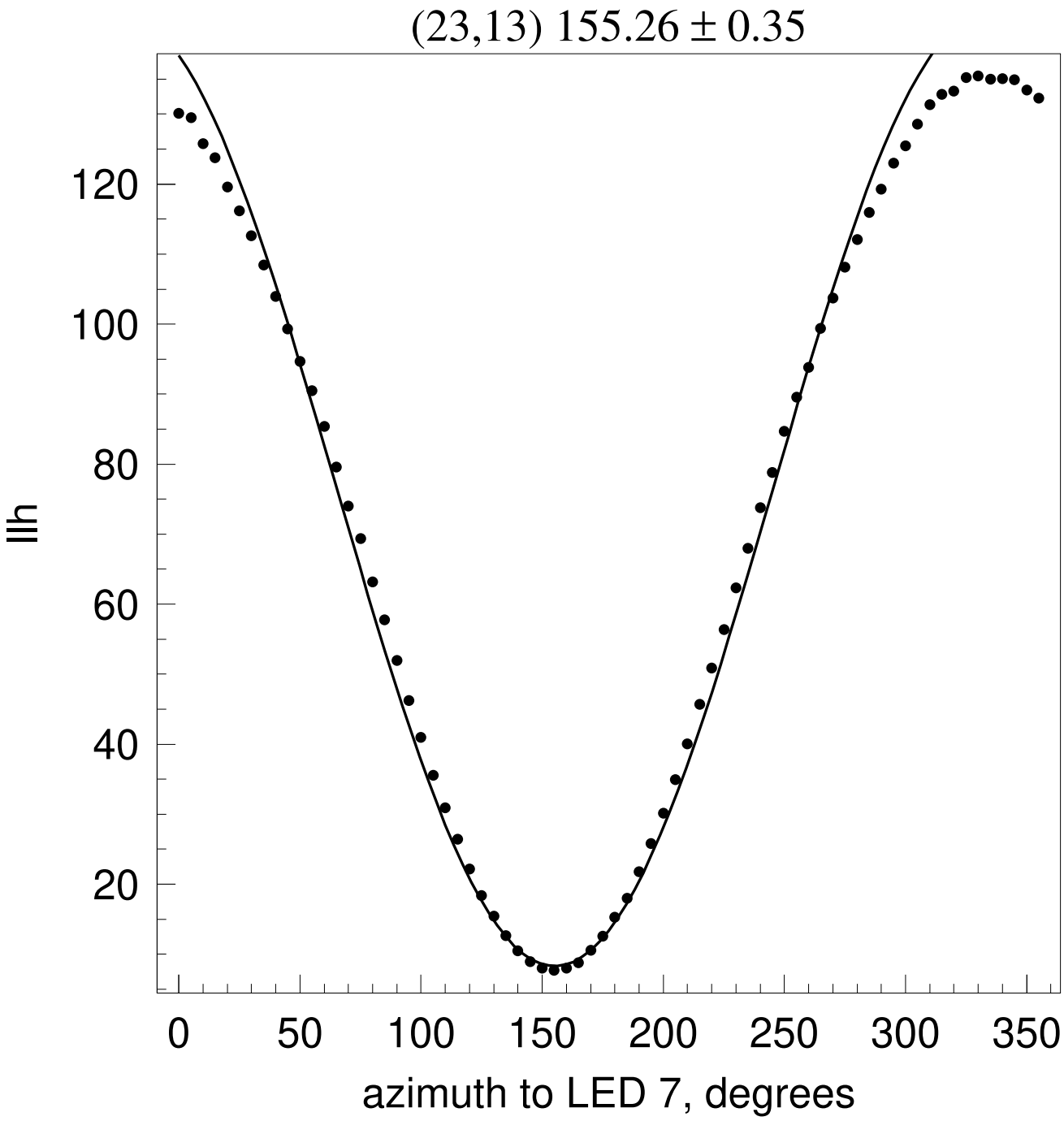

(23,8) 349.07 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

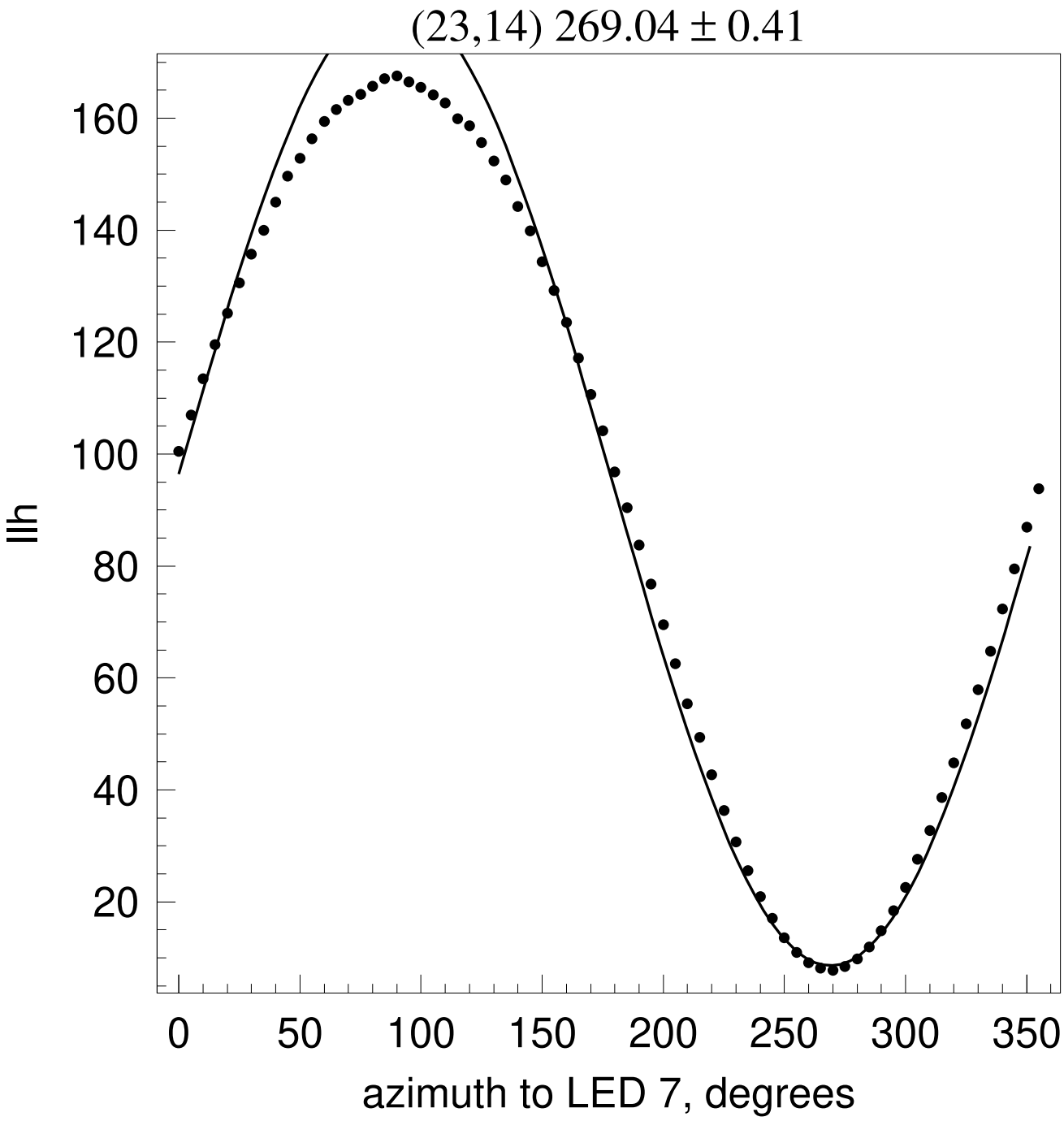

(23,9) 157.55 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

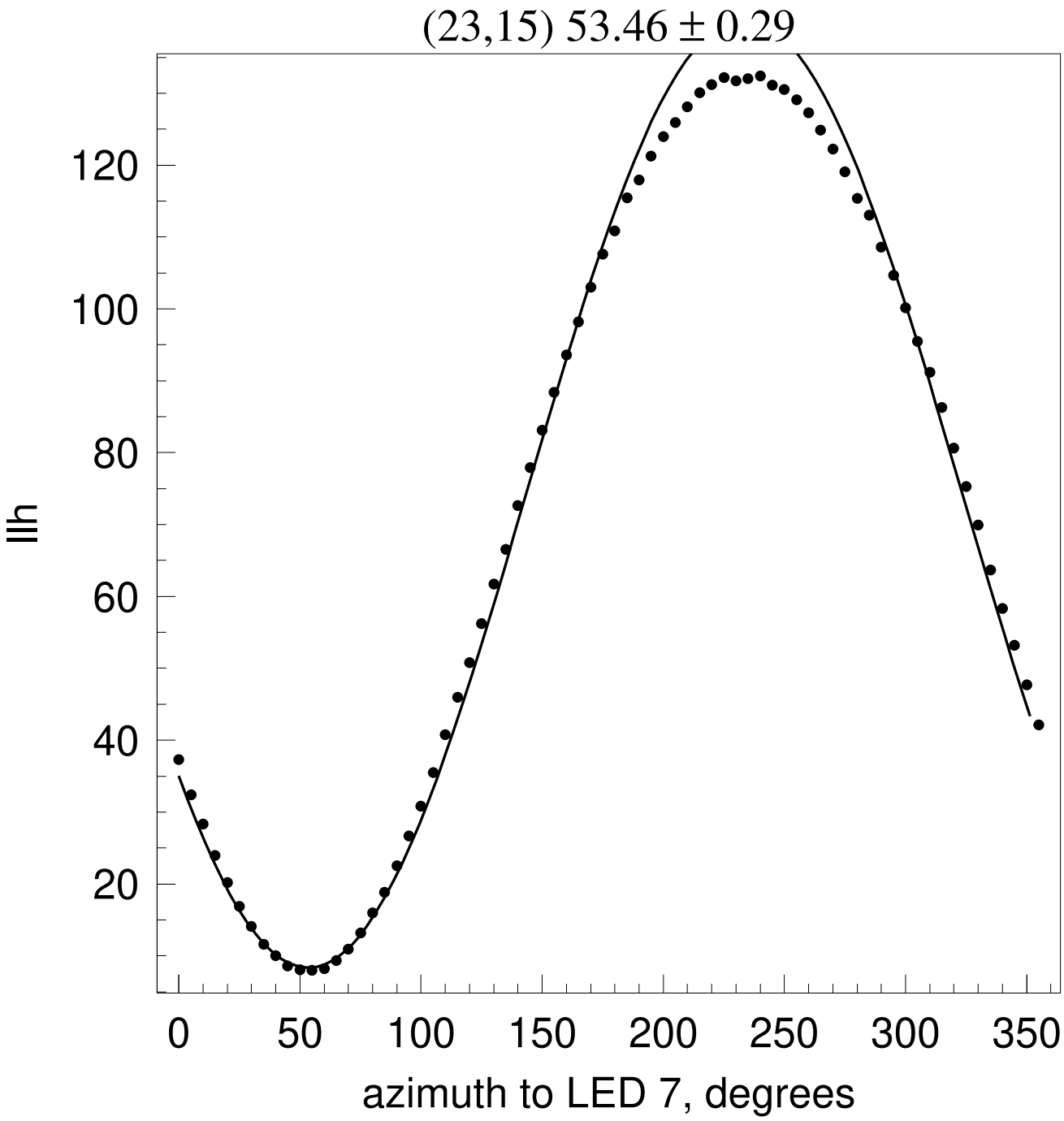

(23,10) 221.42 ± 0.24
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

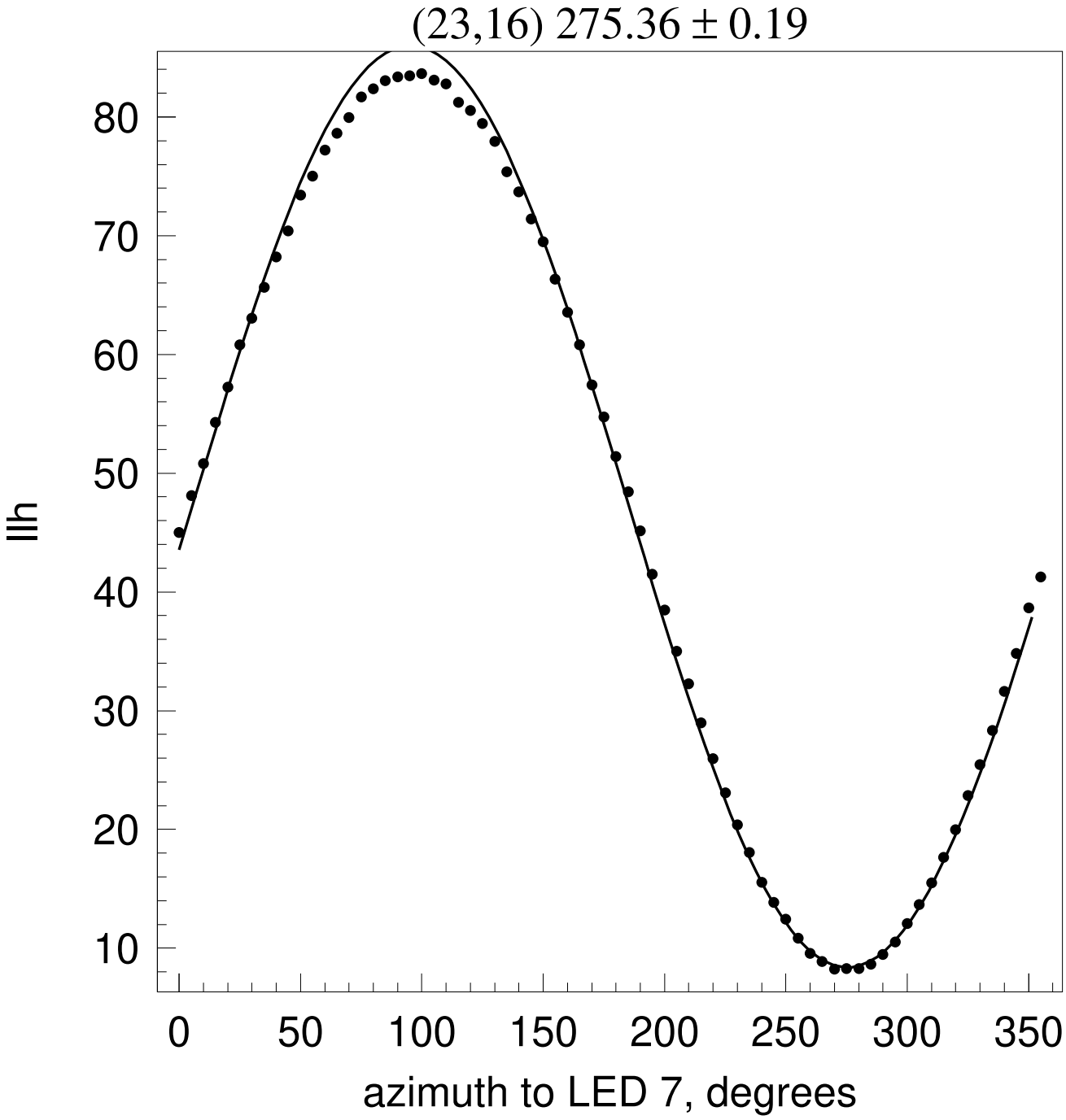

(23,11) 298.46 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

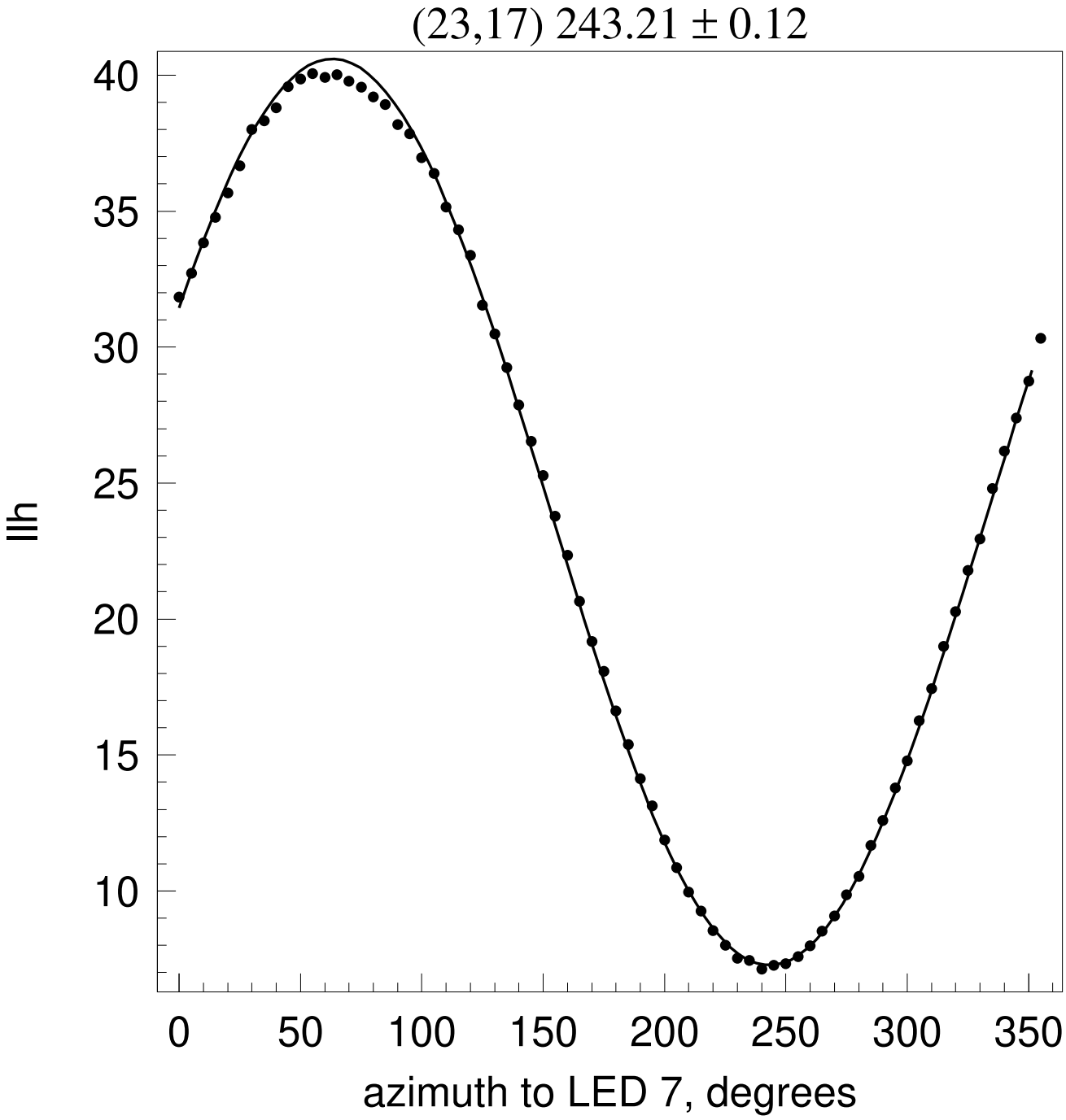

(23,12) 117.98 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

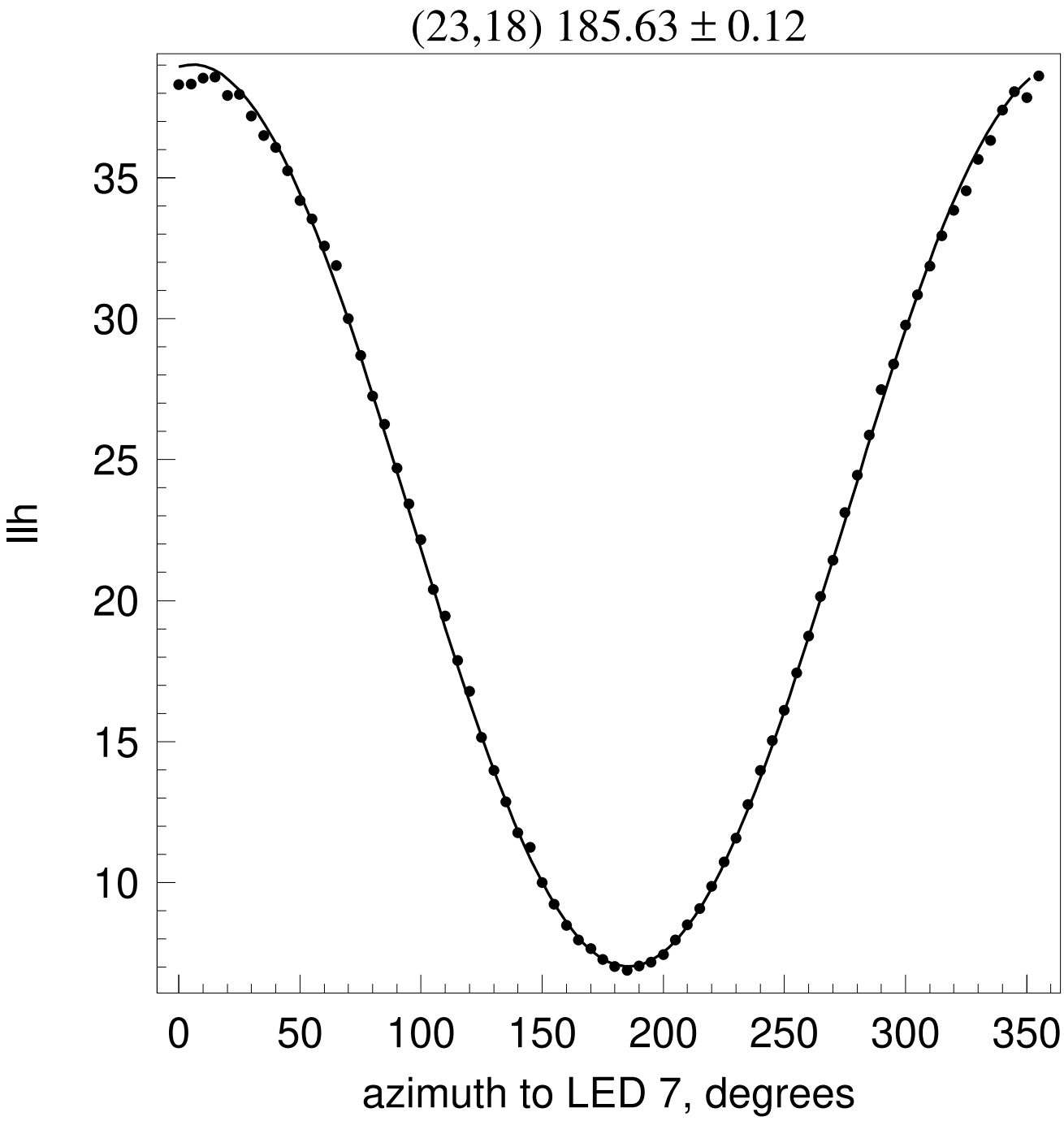

(23,13) 155.26 ± 0.35
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

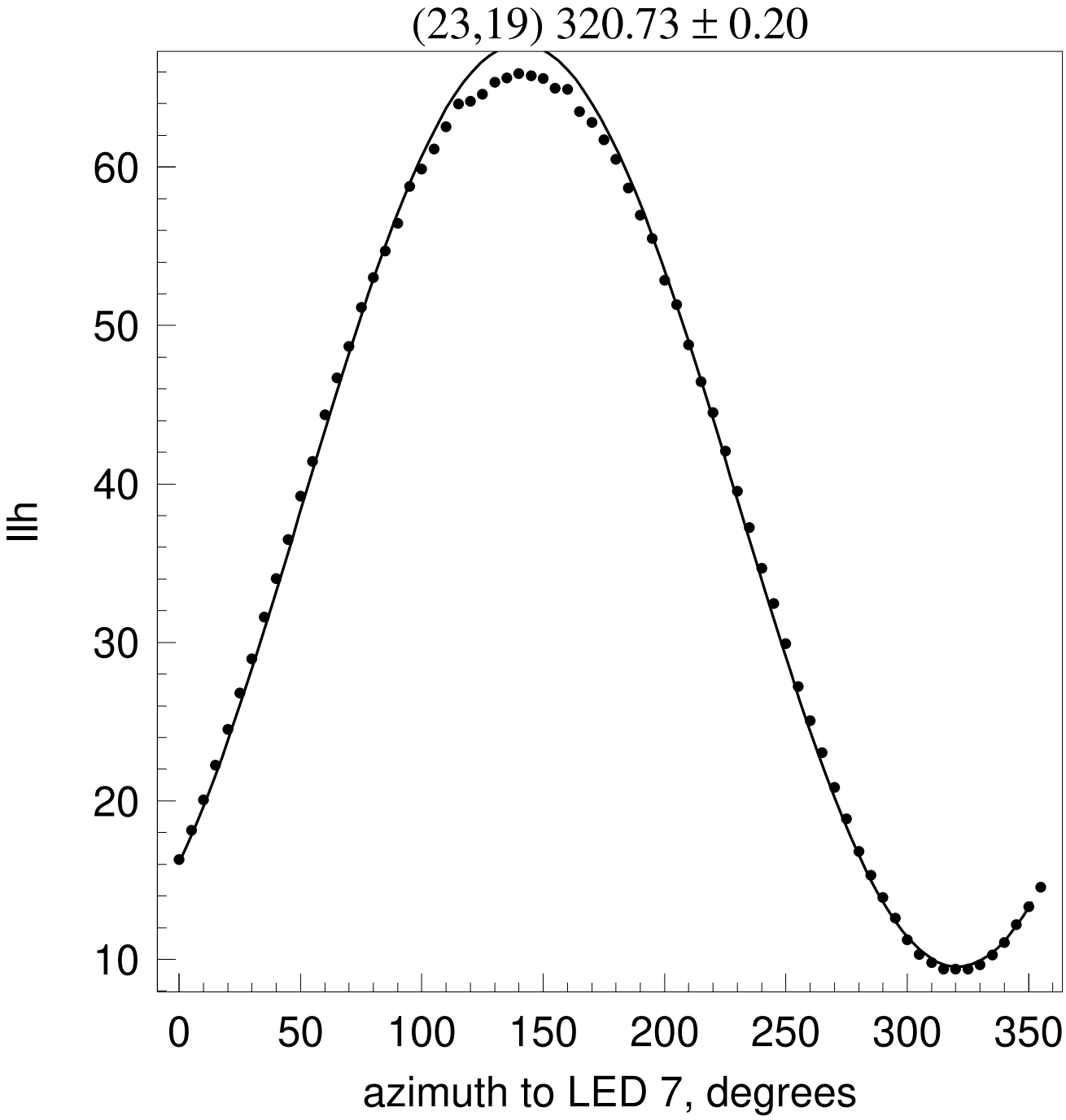

(23,14) 269.04 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

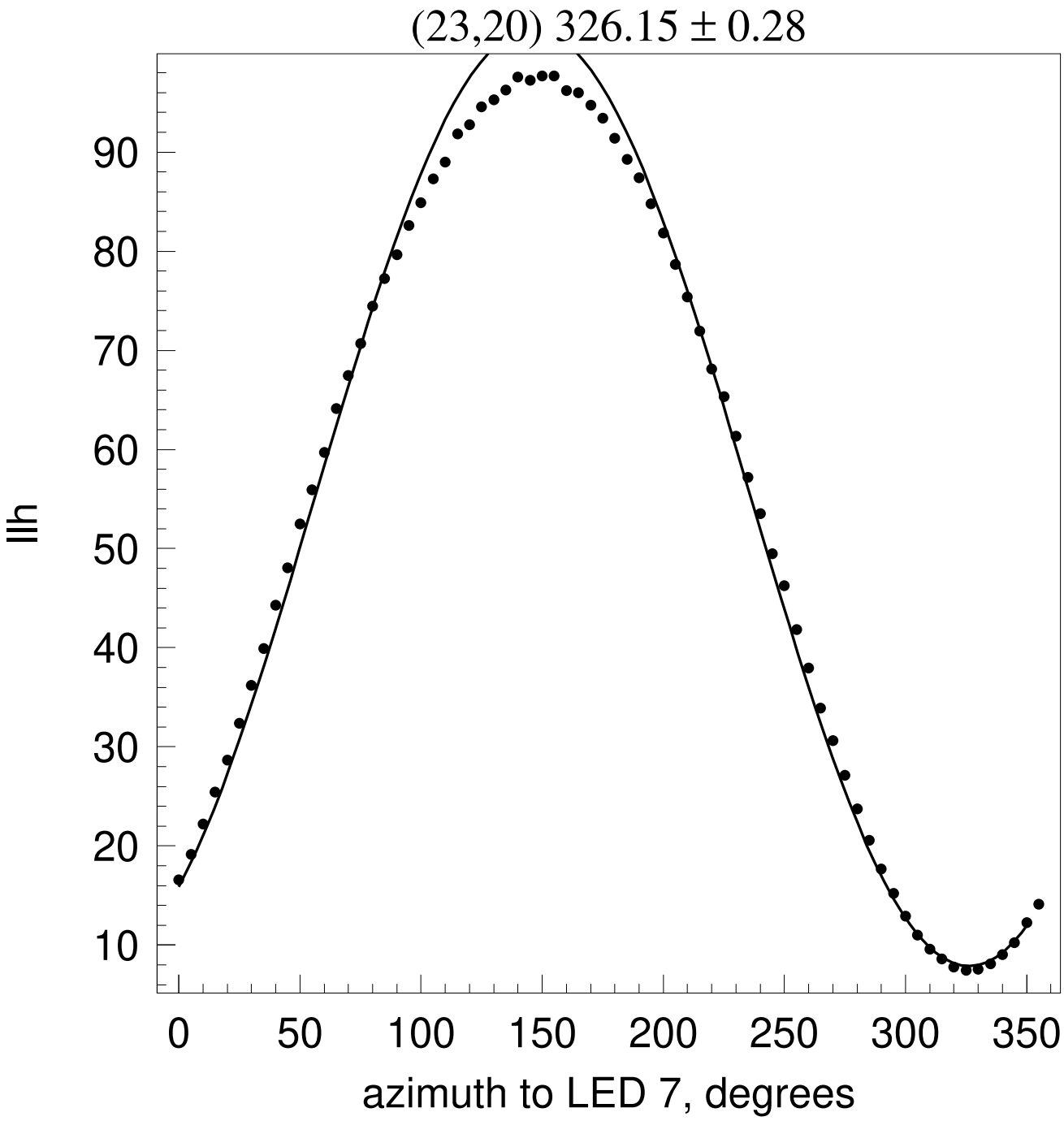

(23,15) 53.46 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

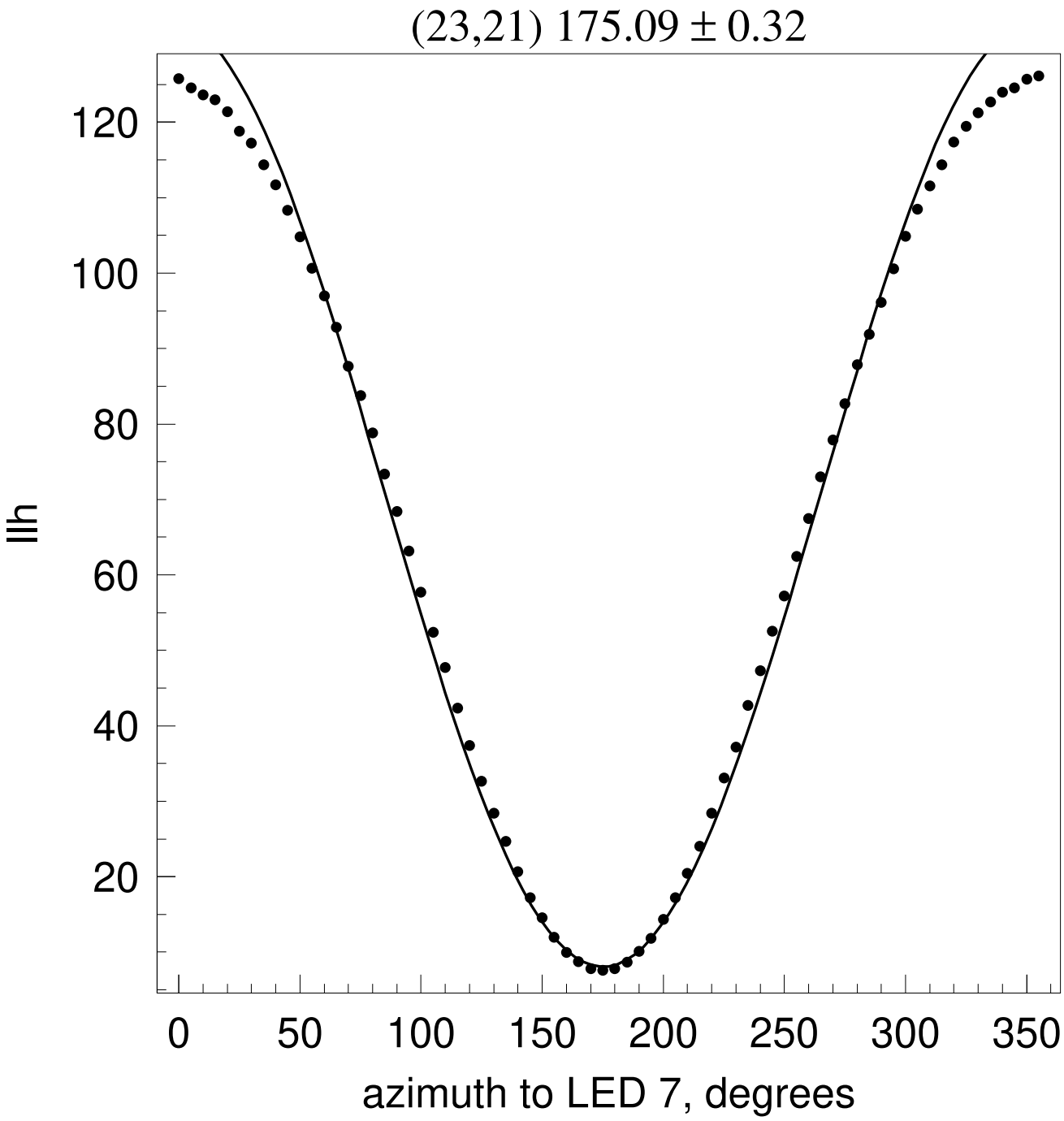

(23,16) 275.36 ± 0.19
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

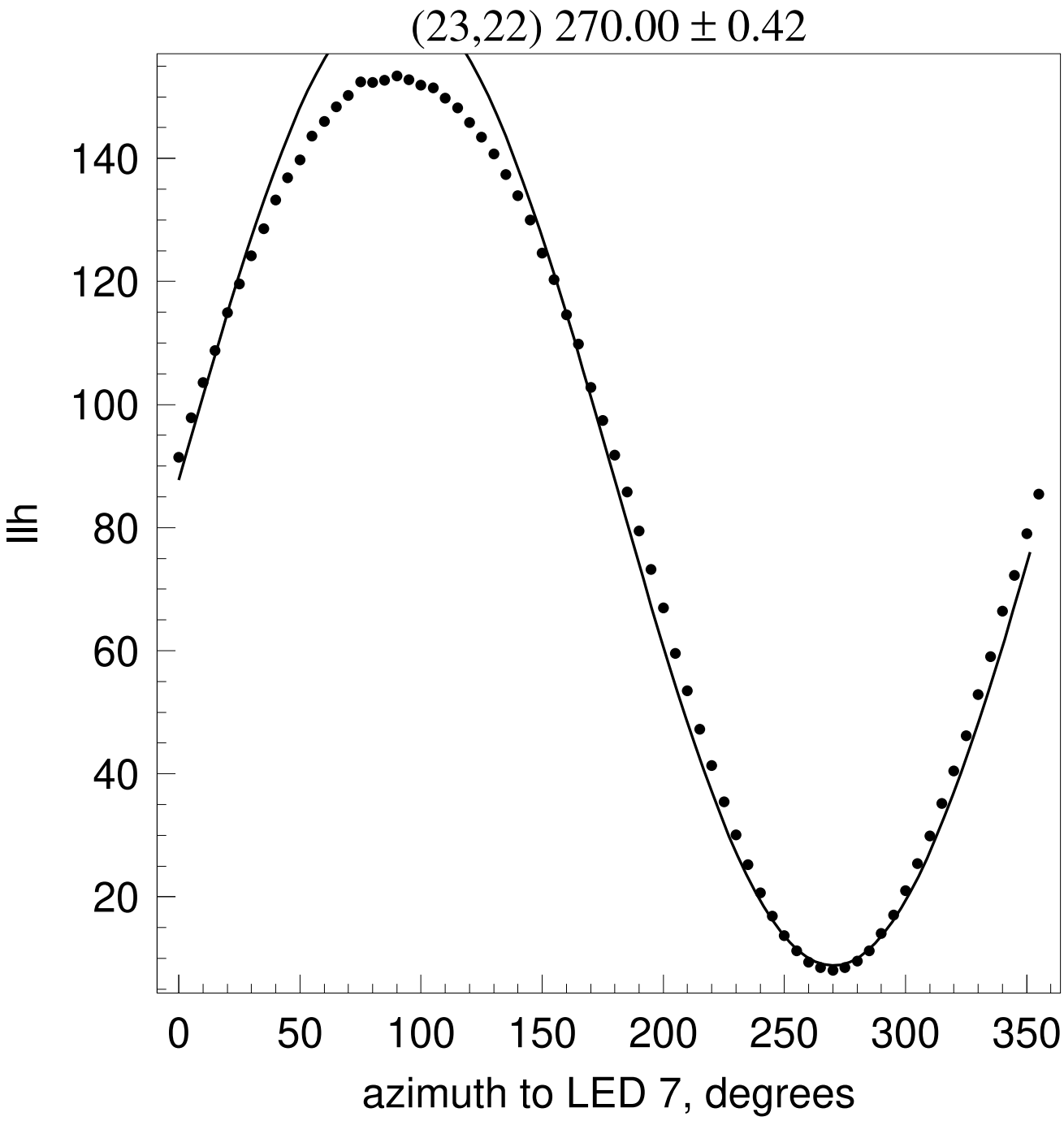

(23,17) 243.21 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

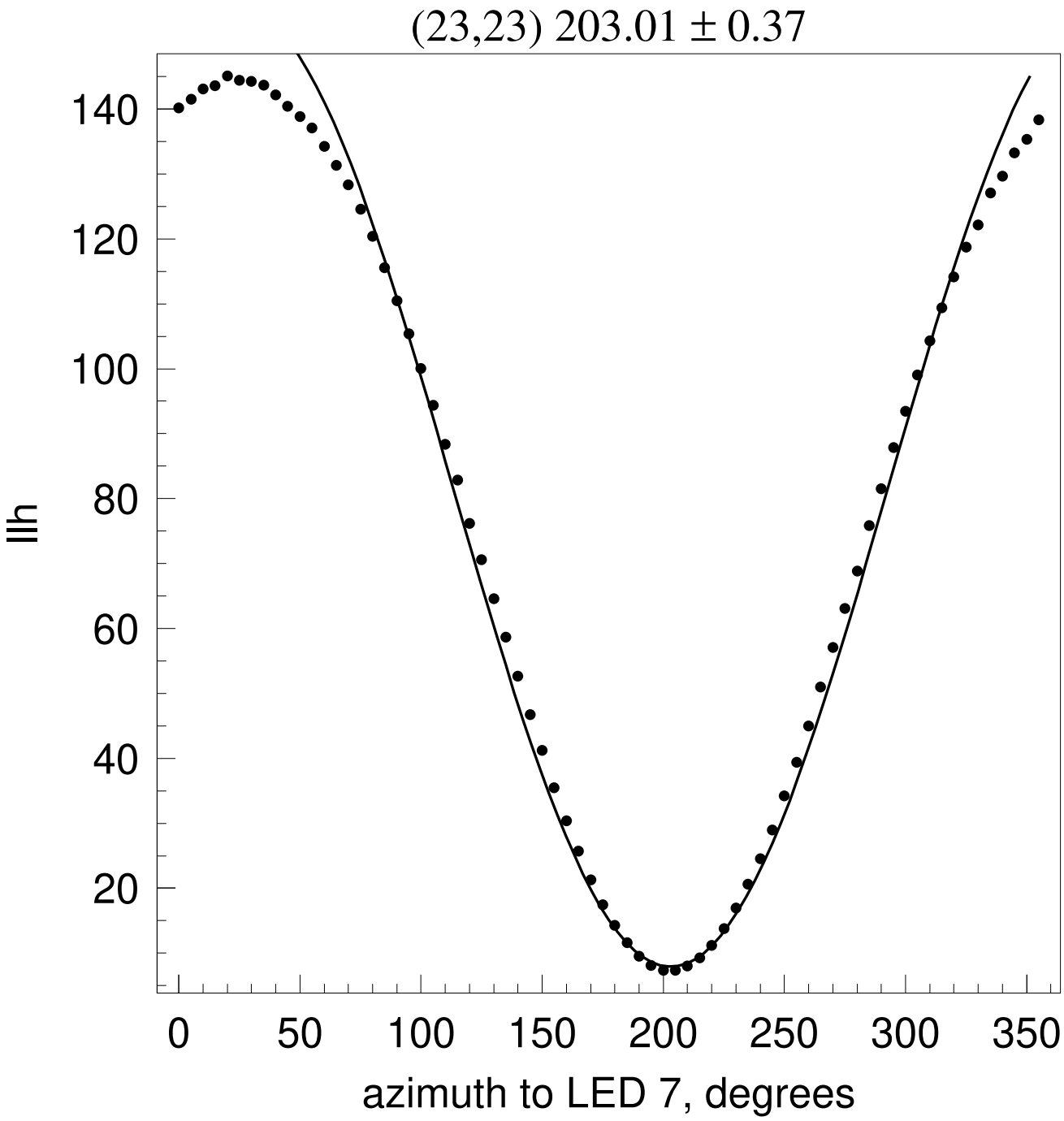

(23,18) 185.63 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

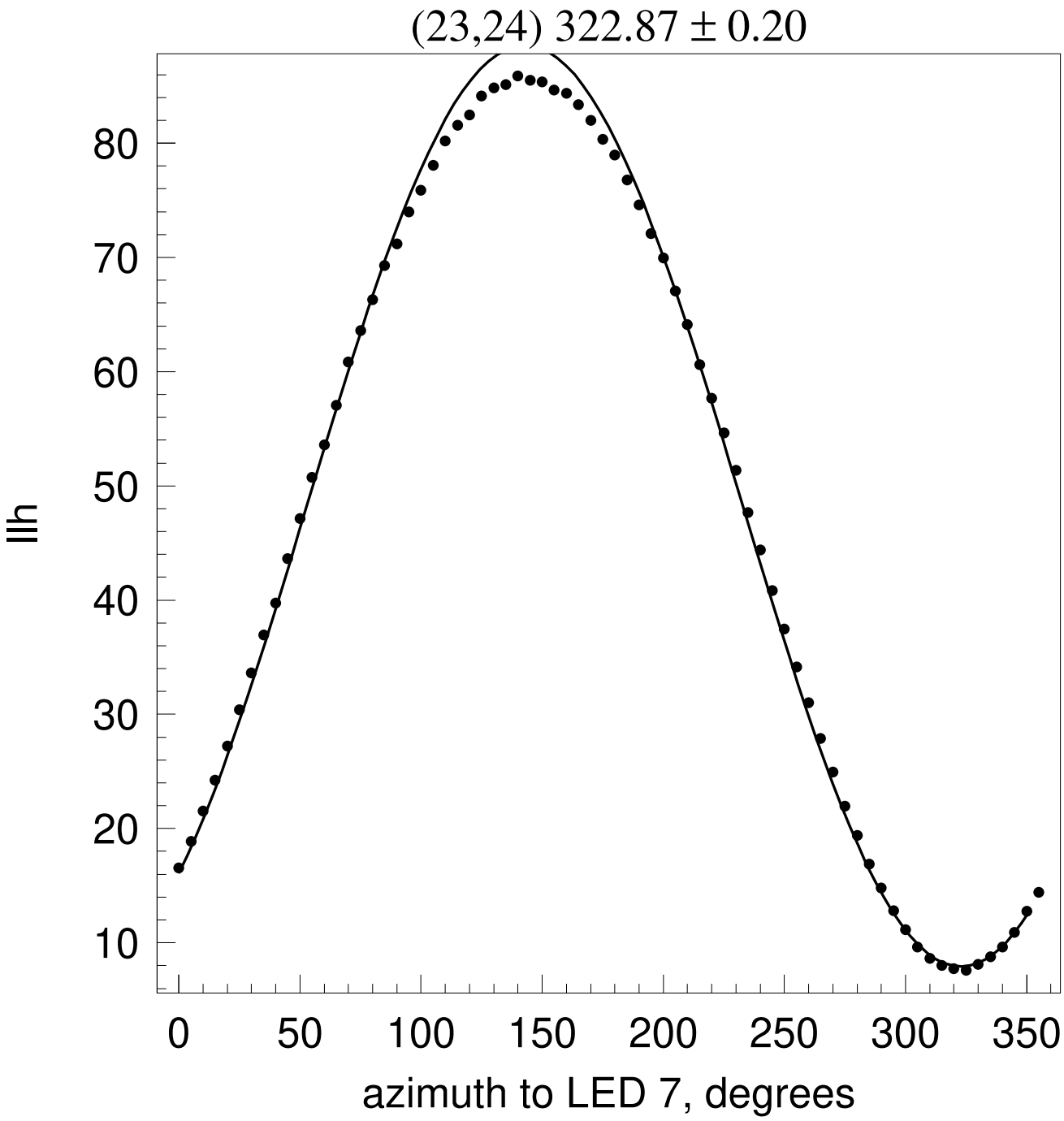

(23,19) 320.73 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

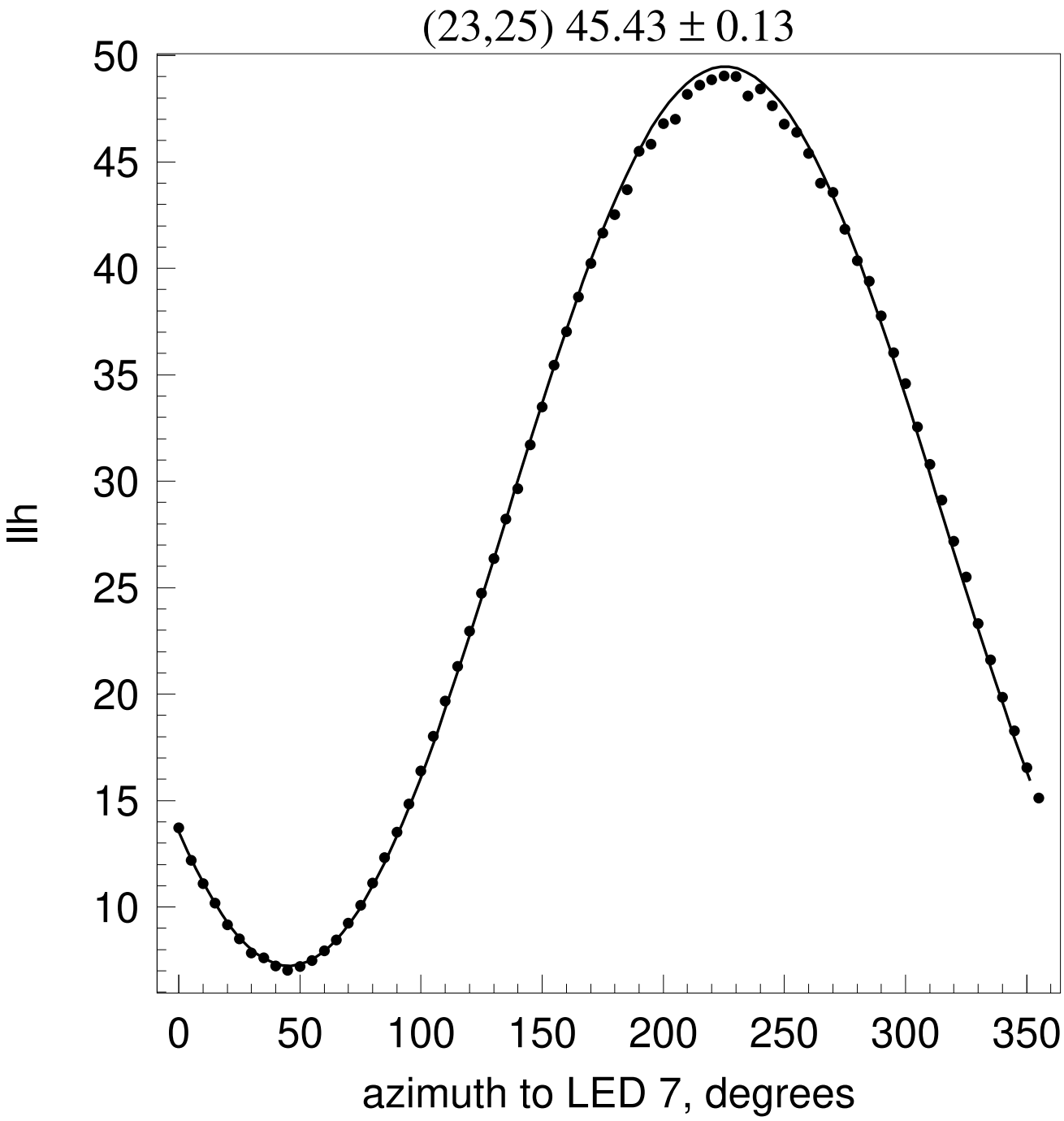

(23,20) 326.15 ± 0.28
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

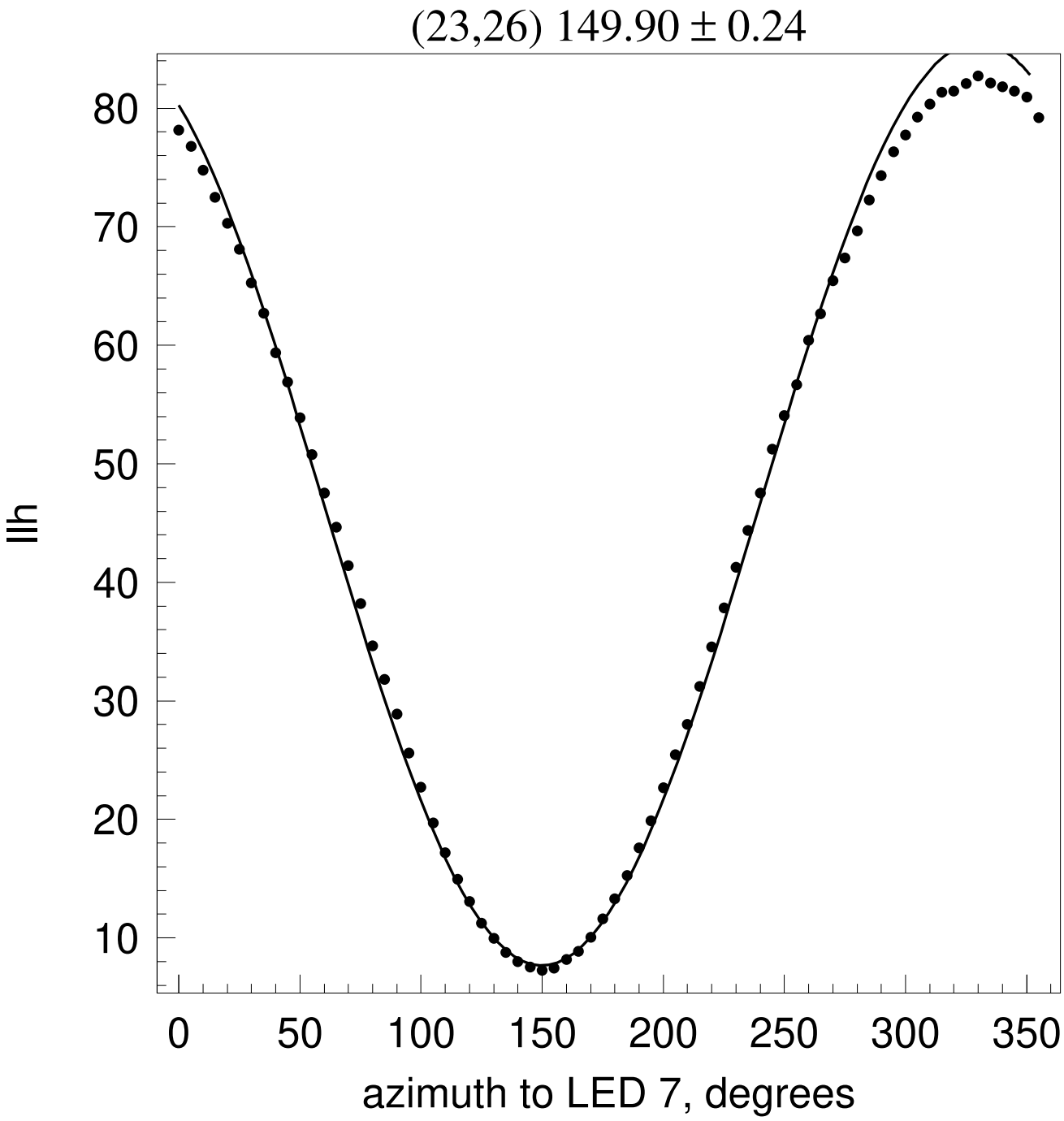

(23,21) 175.09 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

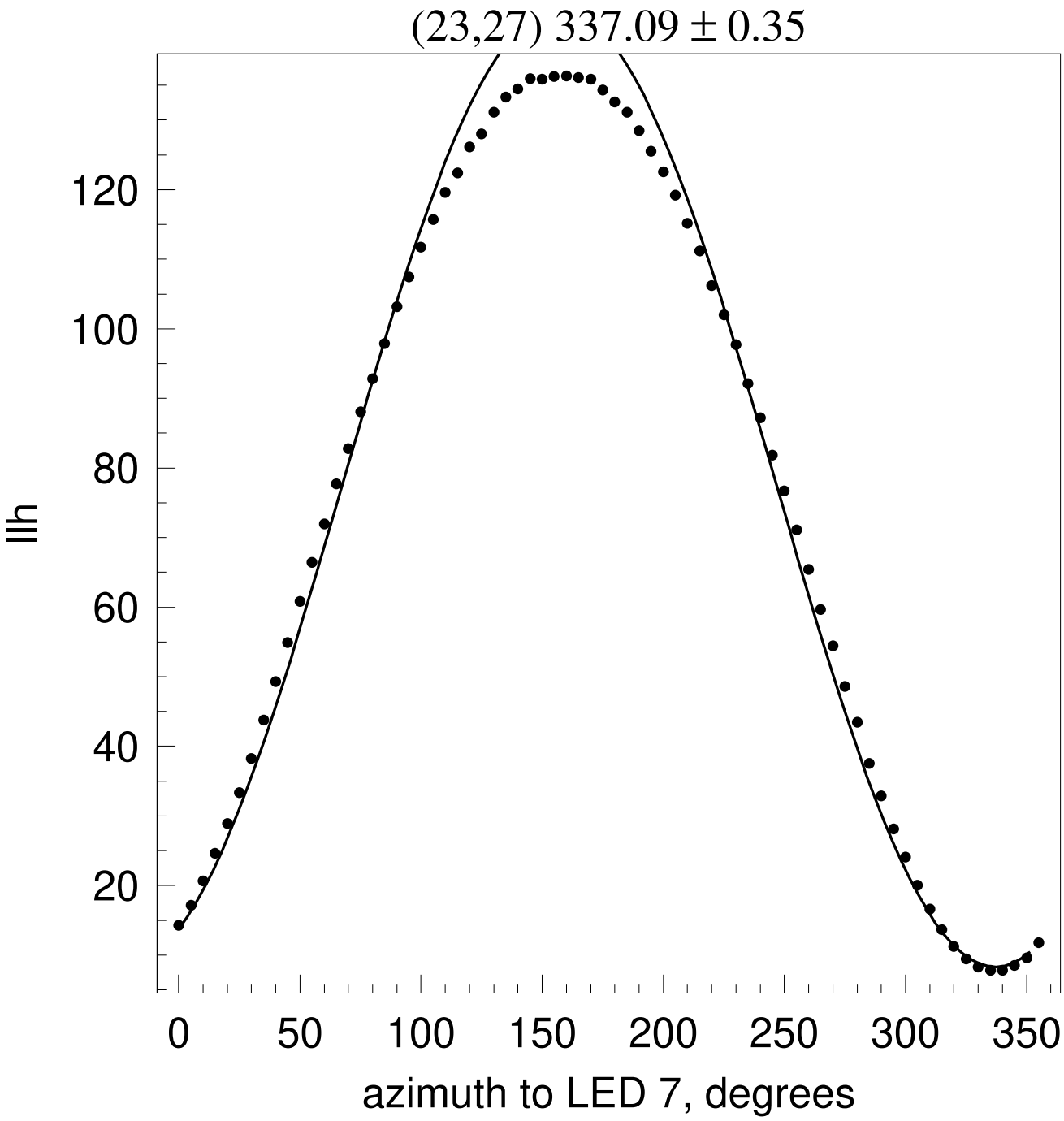

(23,22) 270.00 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

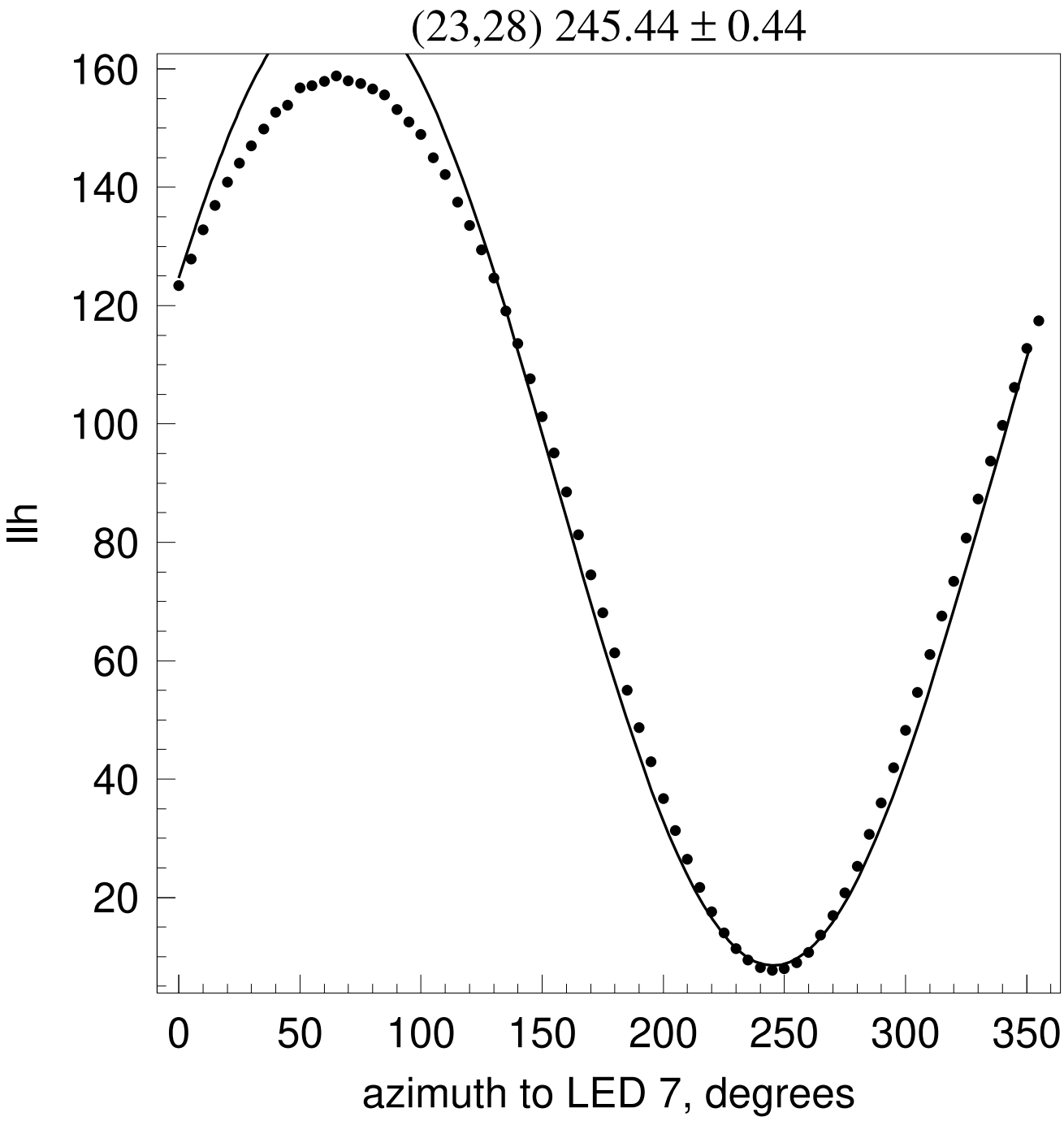

(23,23) 203.01 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

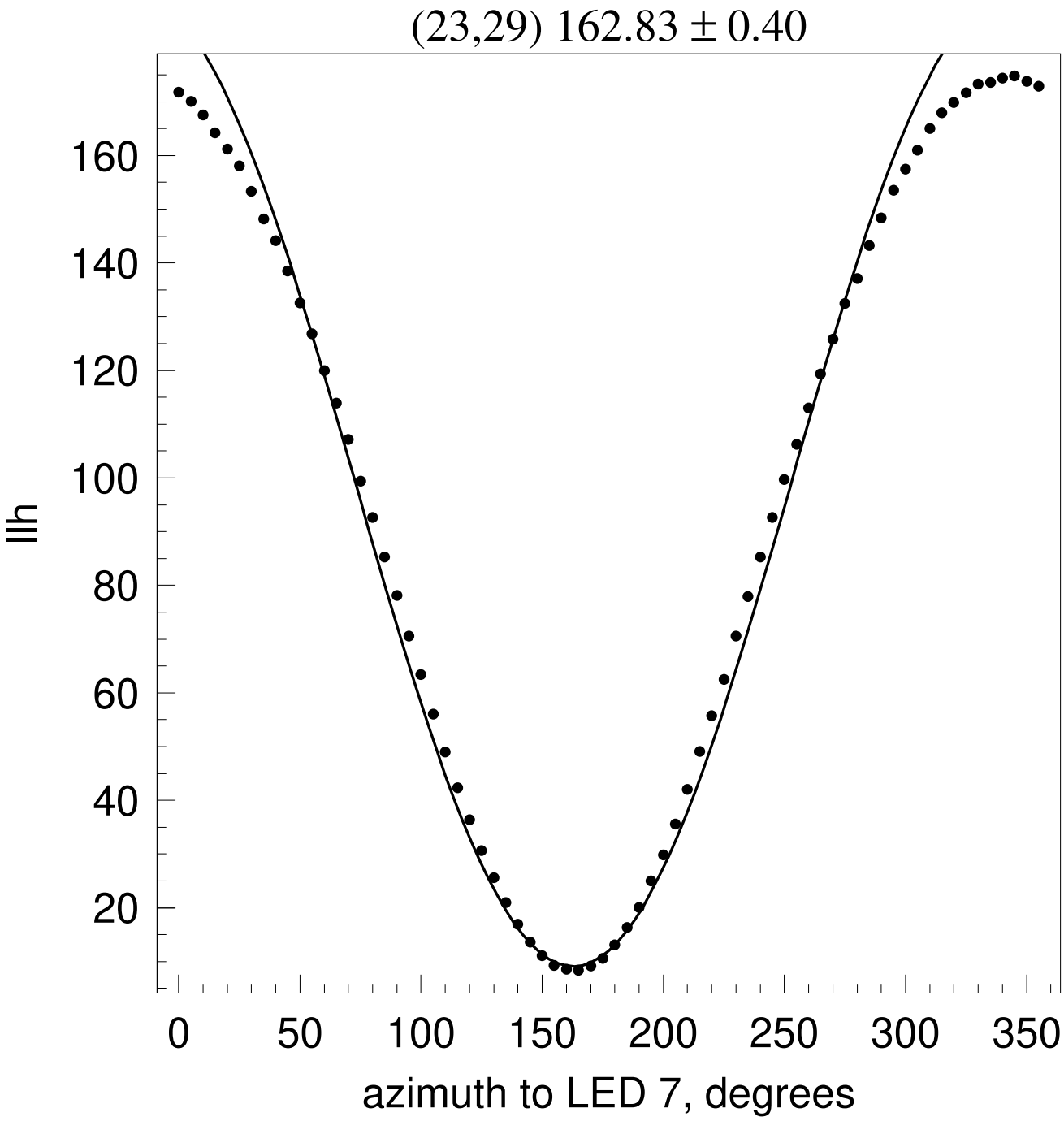

(23,24) 322.87 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

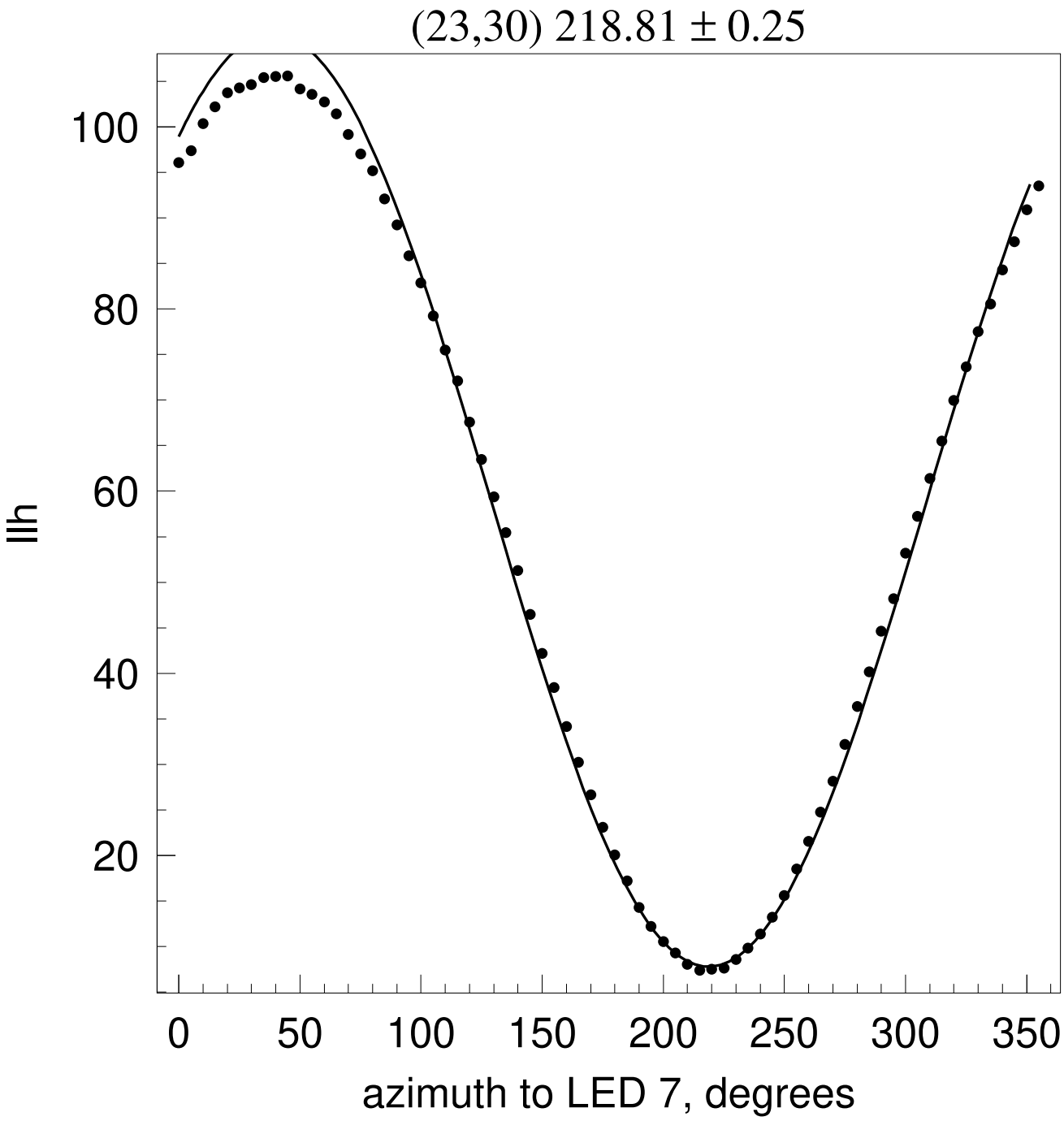

(23,25) 45.43 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

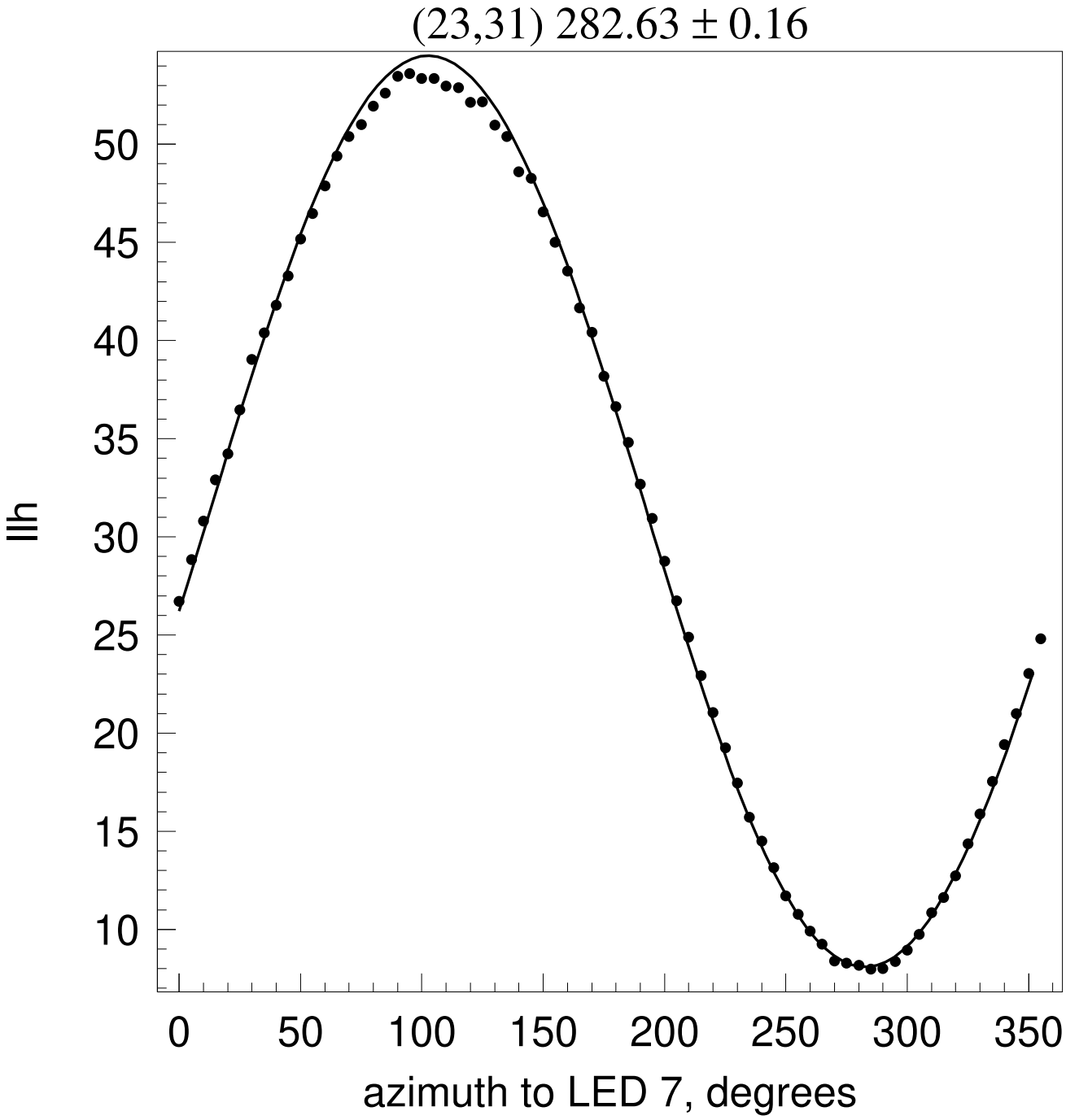

(23,26) 149.90 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

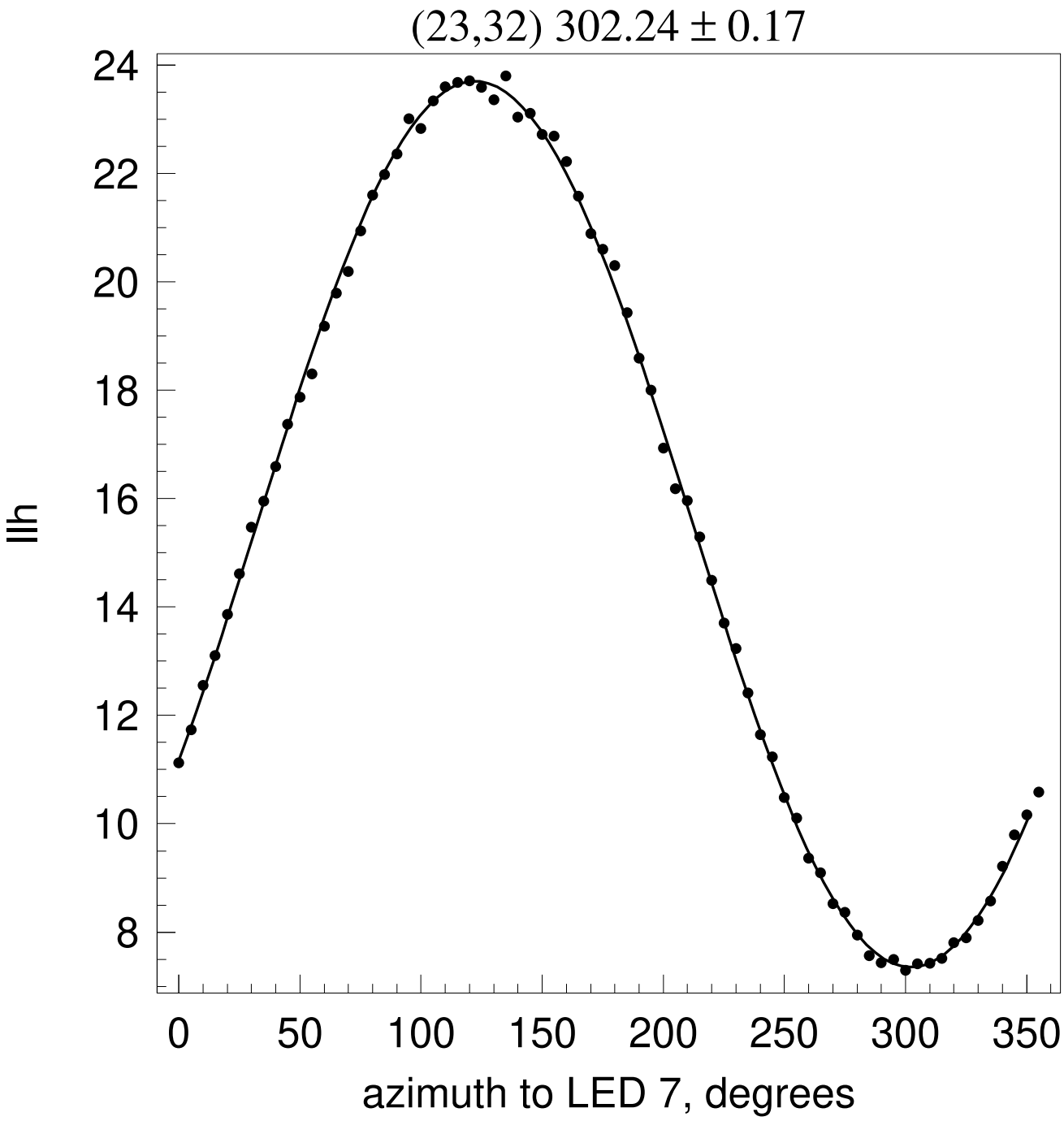

(23,27) 337.09 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

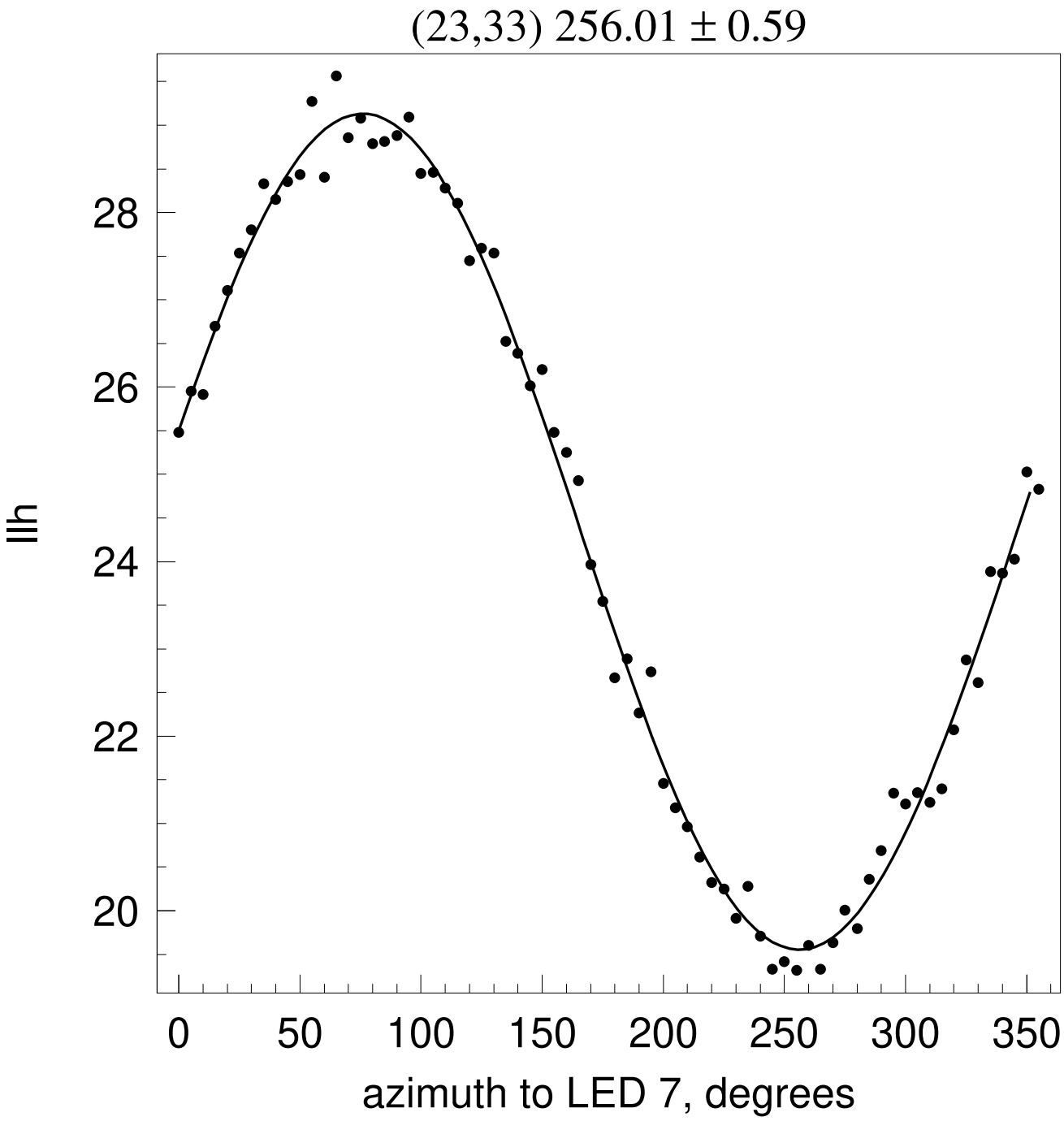

(23,28) 245.44 ± 0.44
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

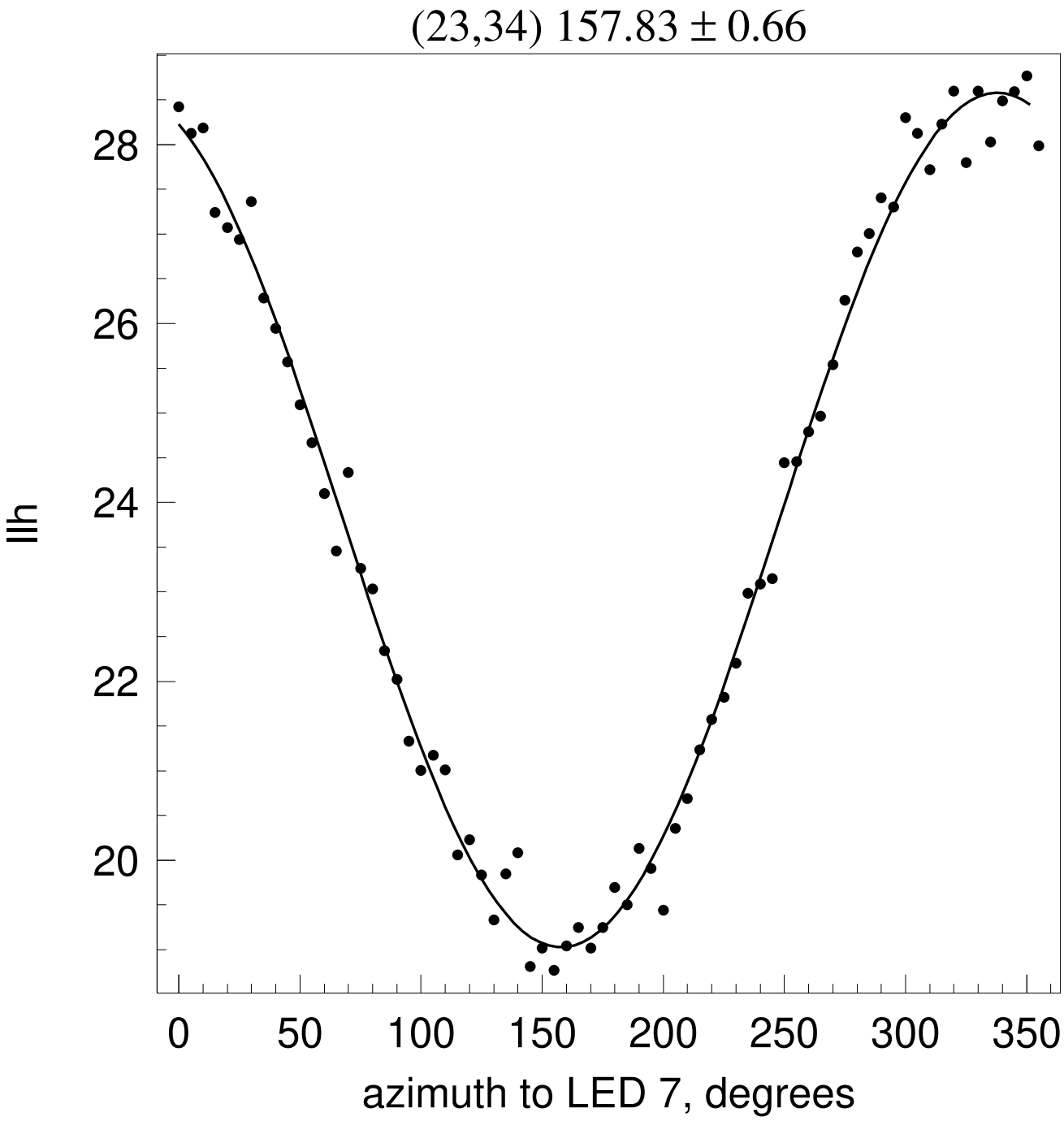

(23,29) 162.83 ± 0.40
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

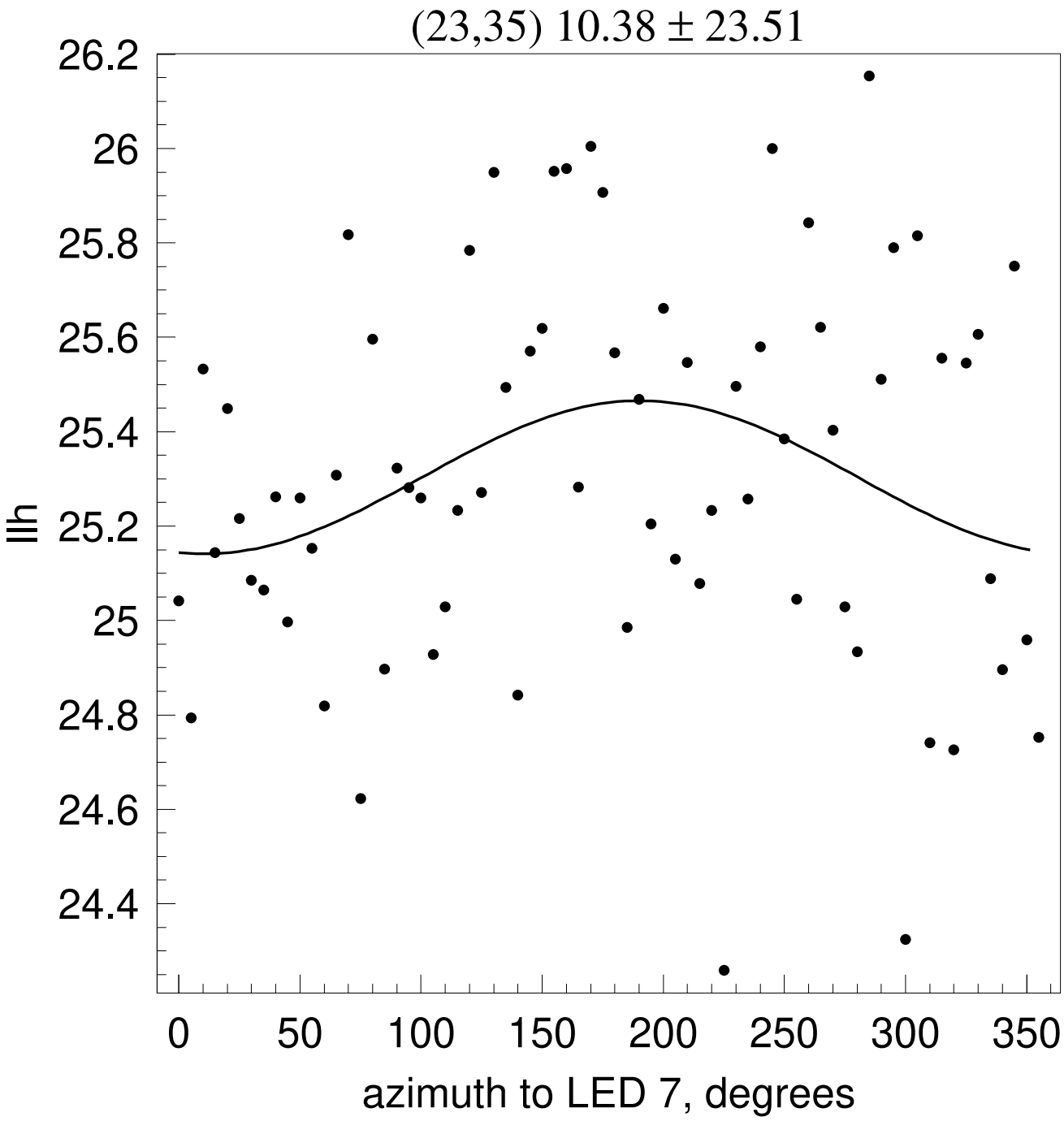

(23,30) 218.81 ± 0.25
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

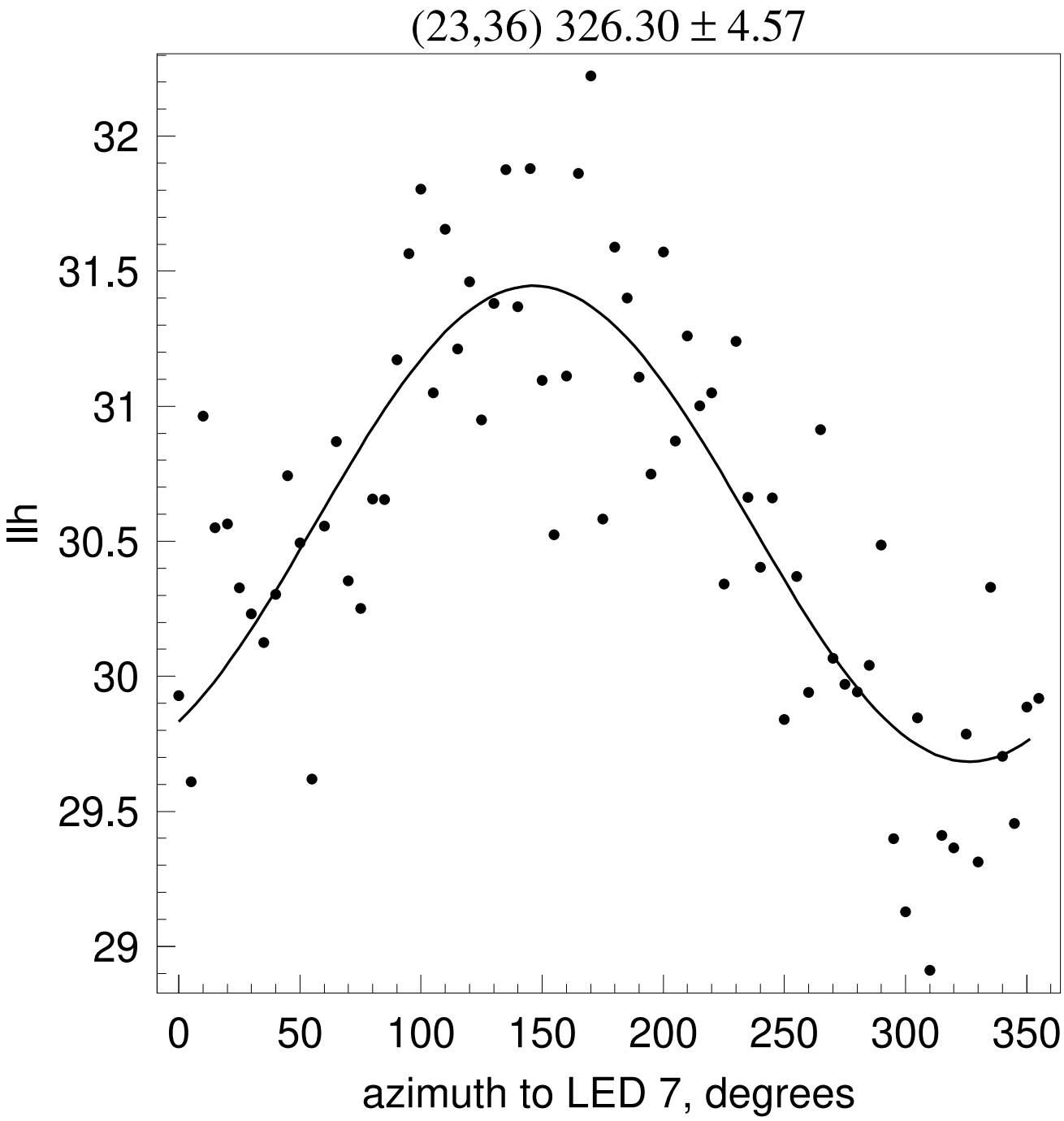

(23,31) 282.63 ± 0.16
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

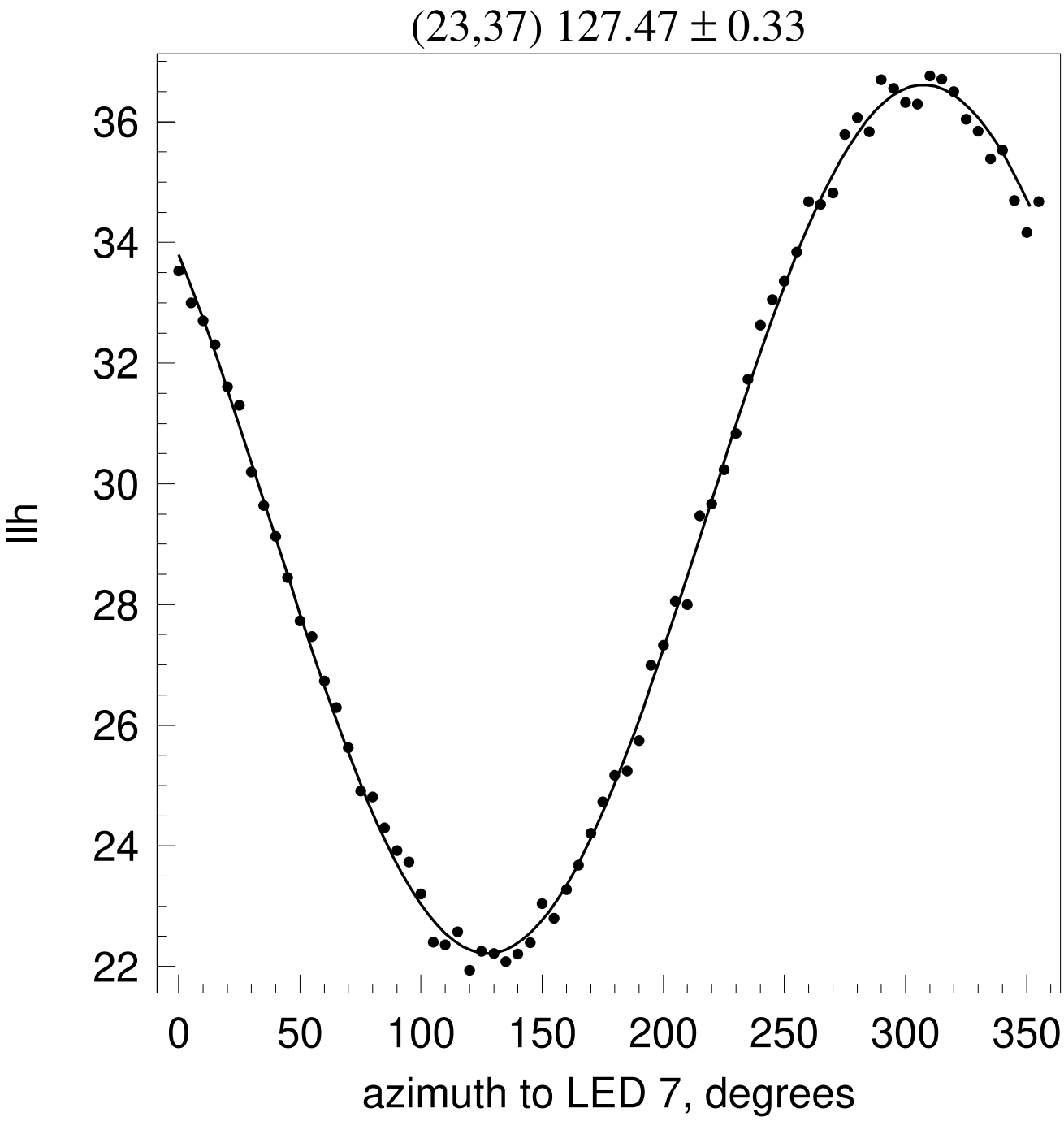

(23,32) 302.24 ± 0.17
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

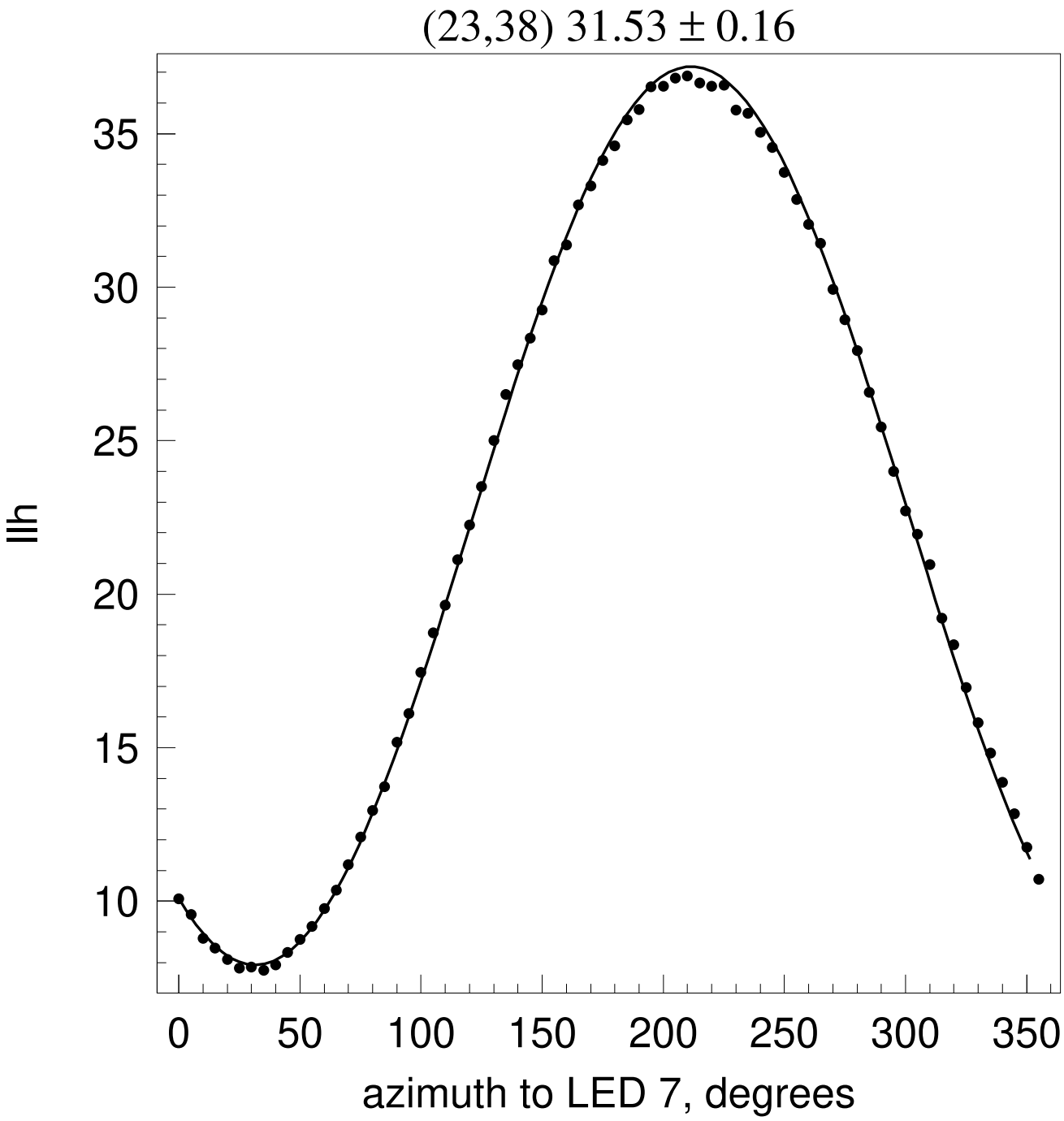

(23,33) 256.01 ± 0.59
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

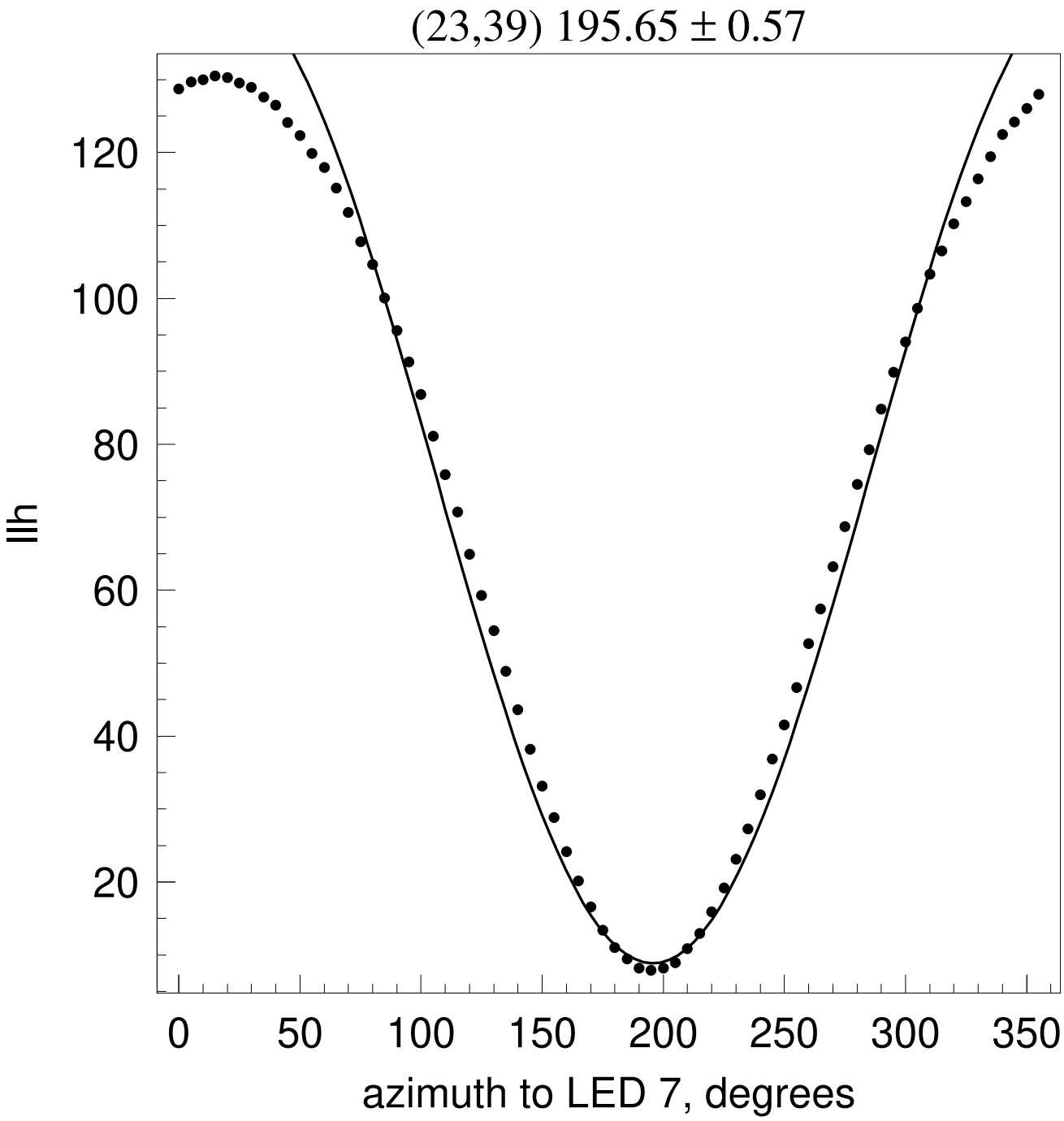

(23,34) 157.83 ± 0.66
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

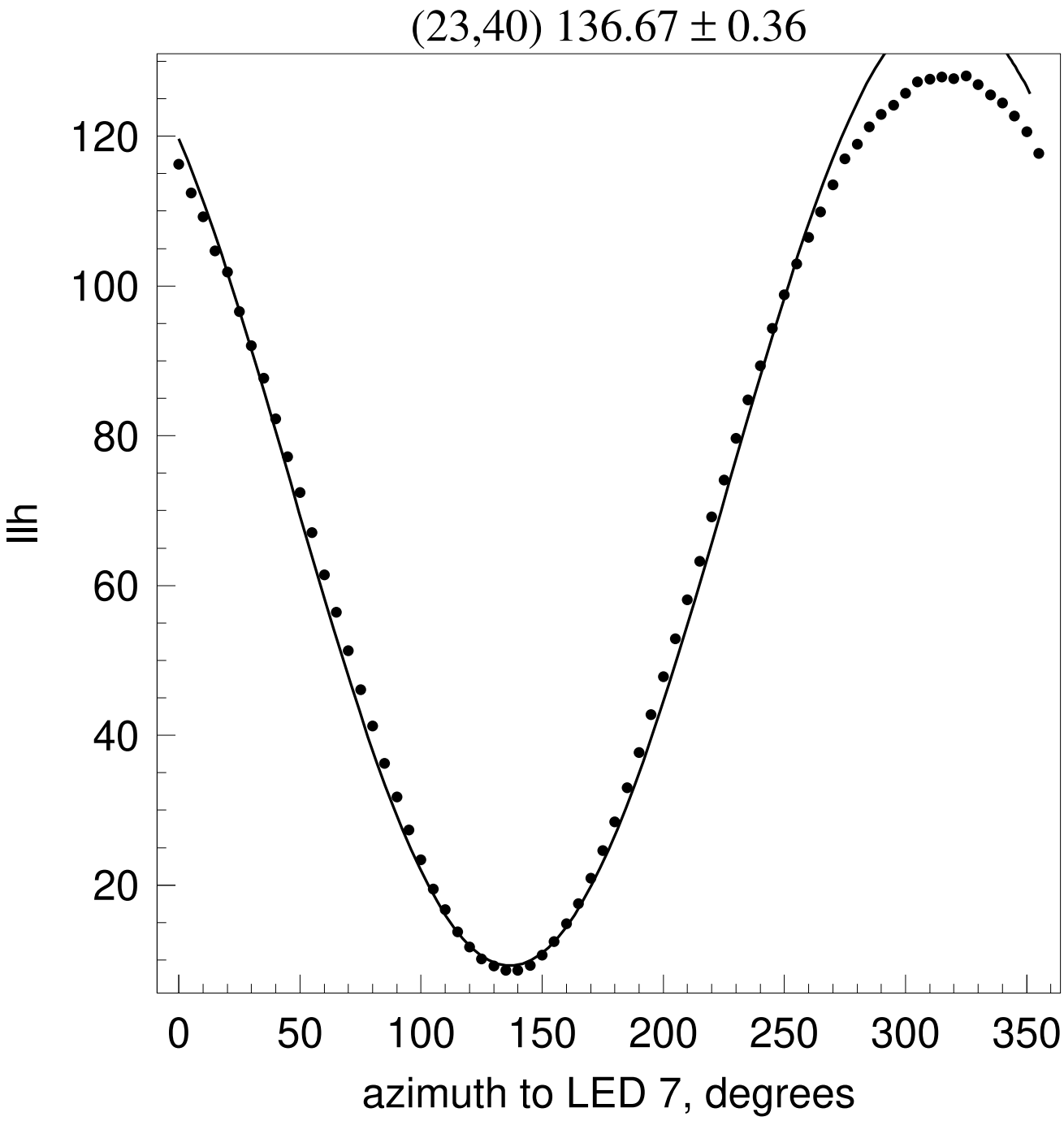

(23,35) 10.38 ± 23.51
26.2
26
25.8
25.6
25.4
25.2
25
24.8
24.6
24.4
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

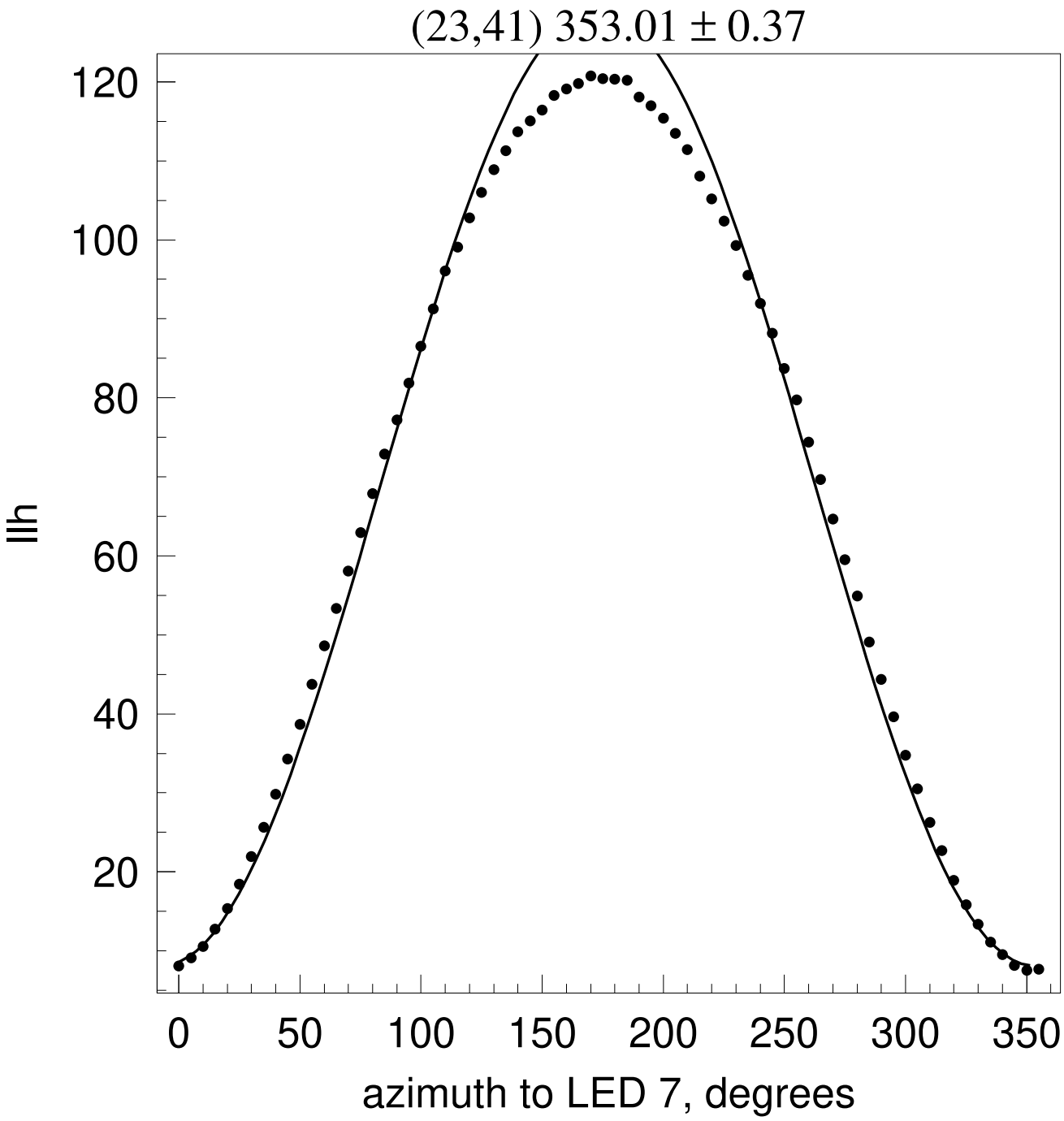

(23,36) 326.30 ± 4.57
32
31.5
31
30.5
30
29.5
29
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

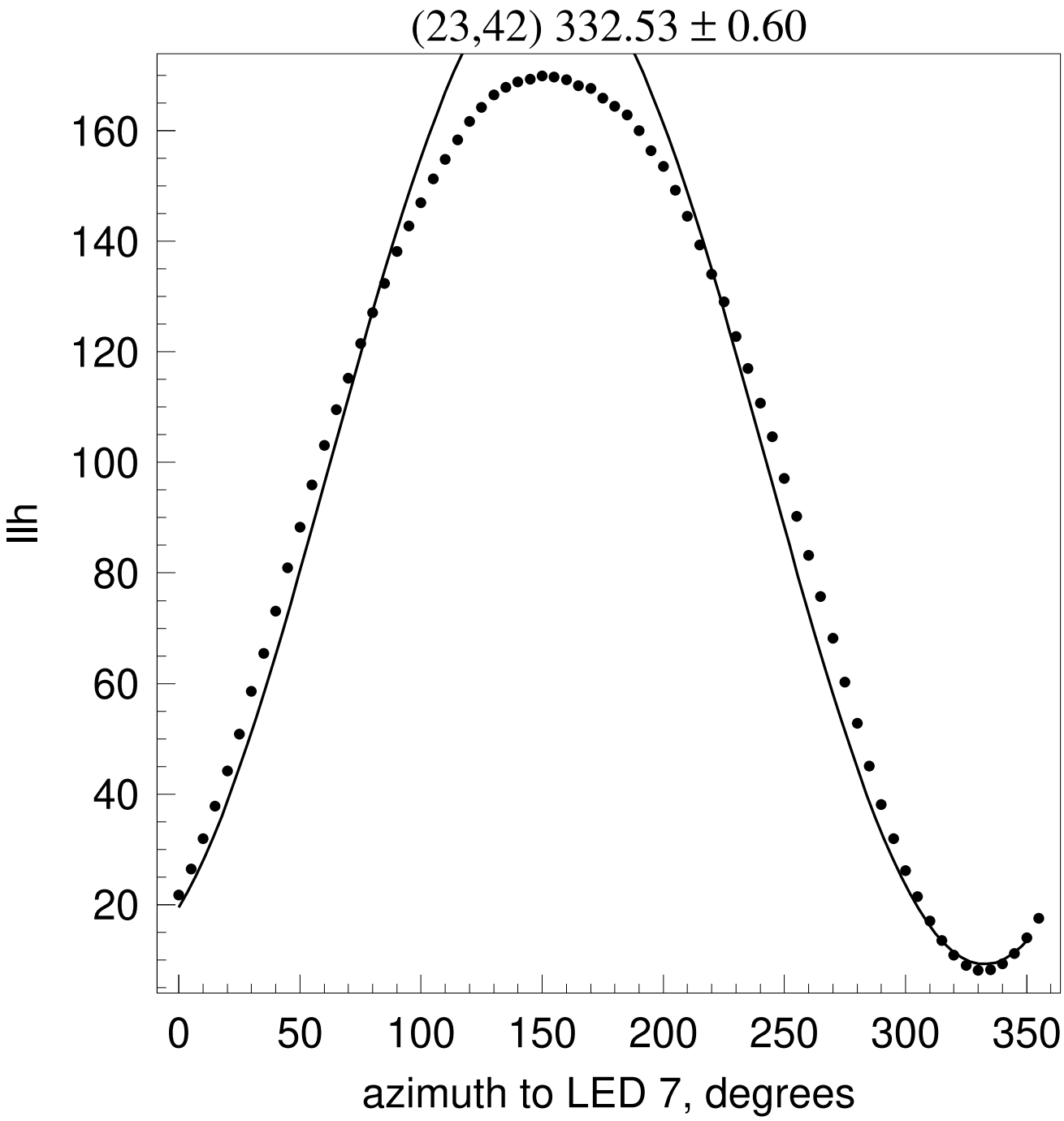

(23,37) 127.47 ± 0.33
36
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

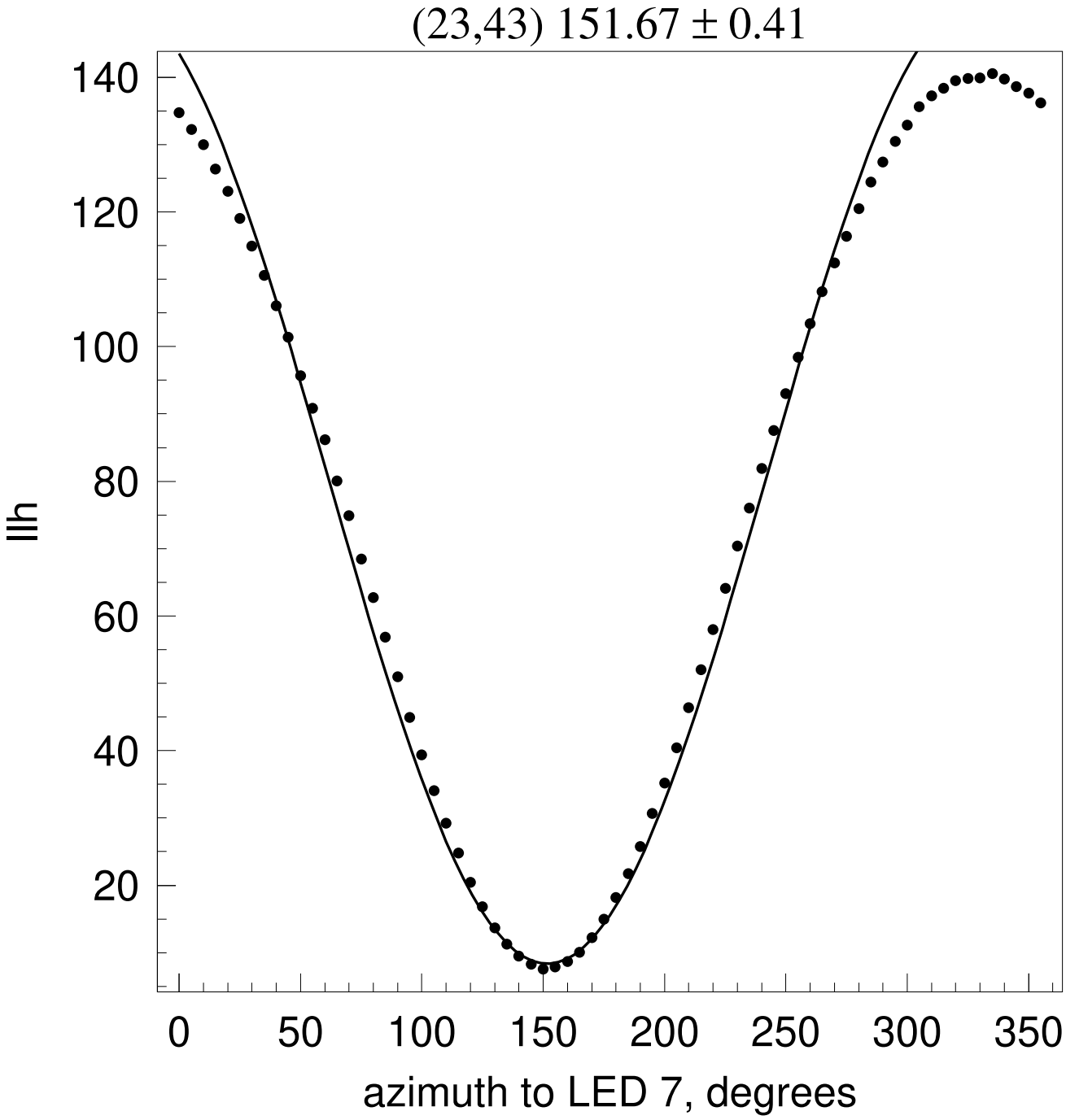

(23,38) 31.53 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

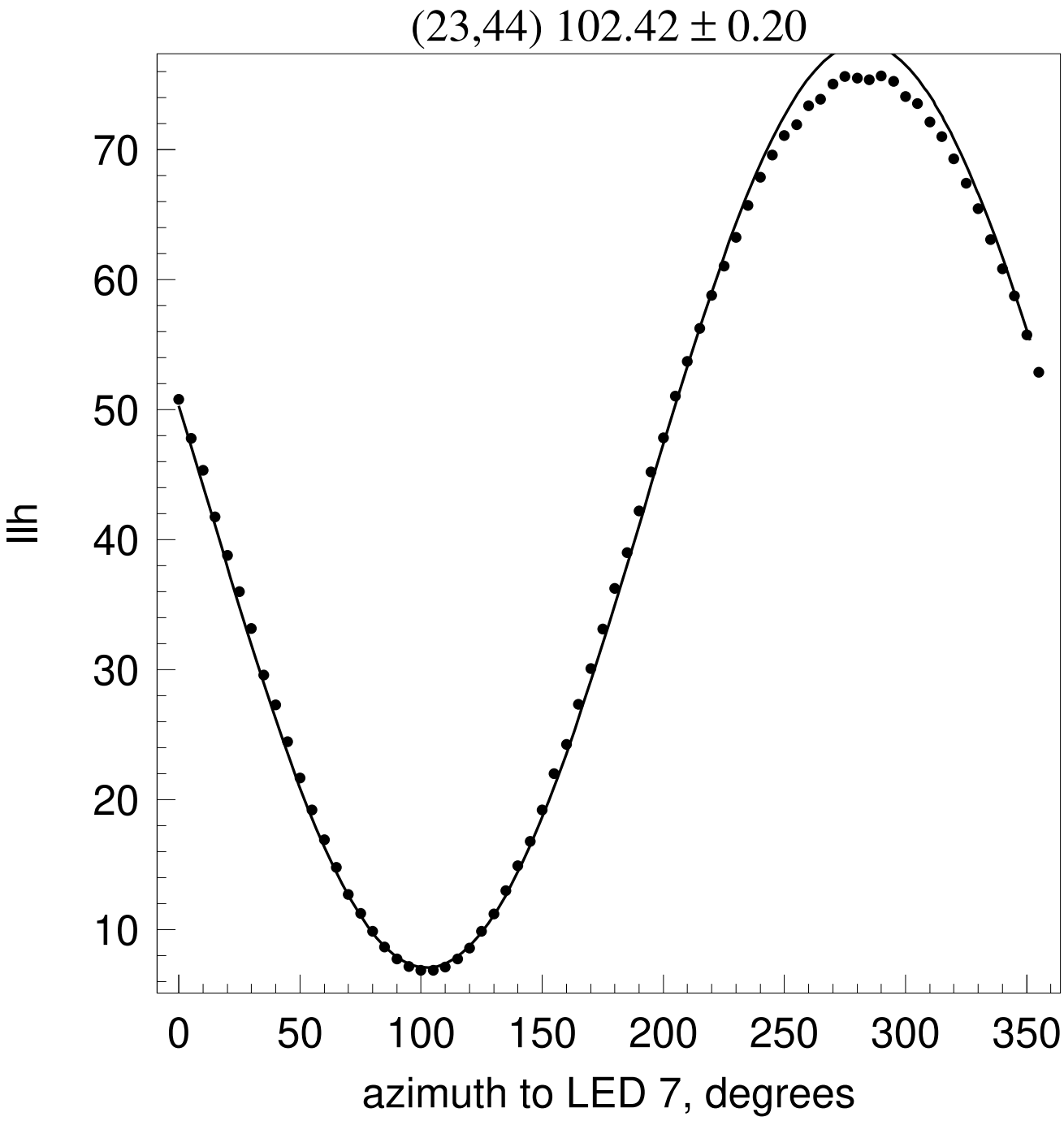

(23,39) 195.65 ± 0.57
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

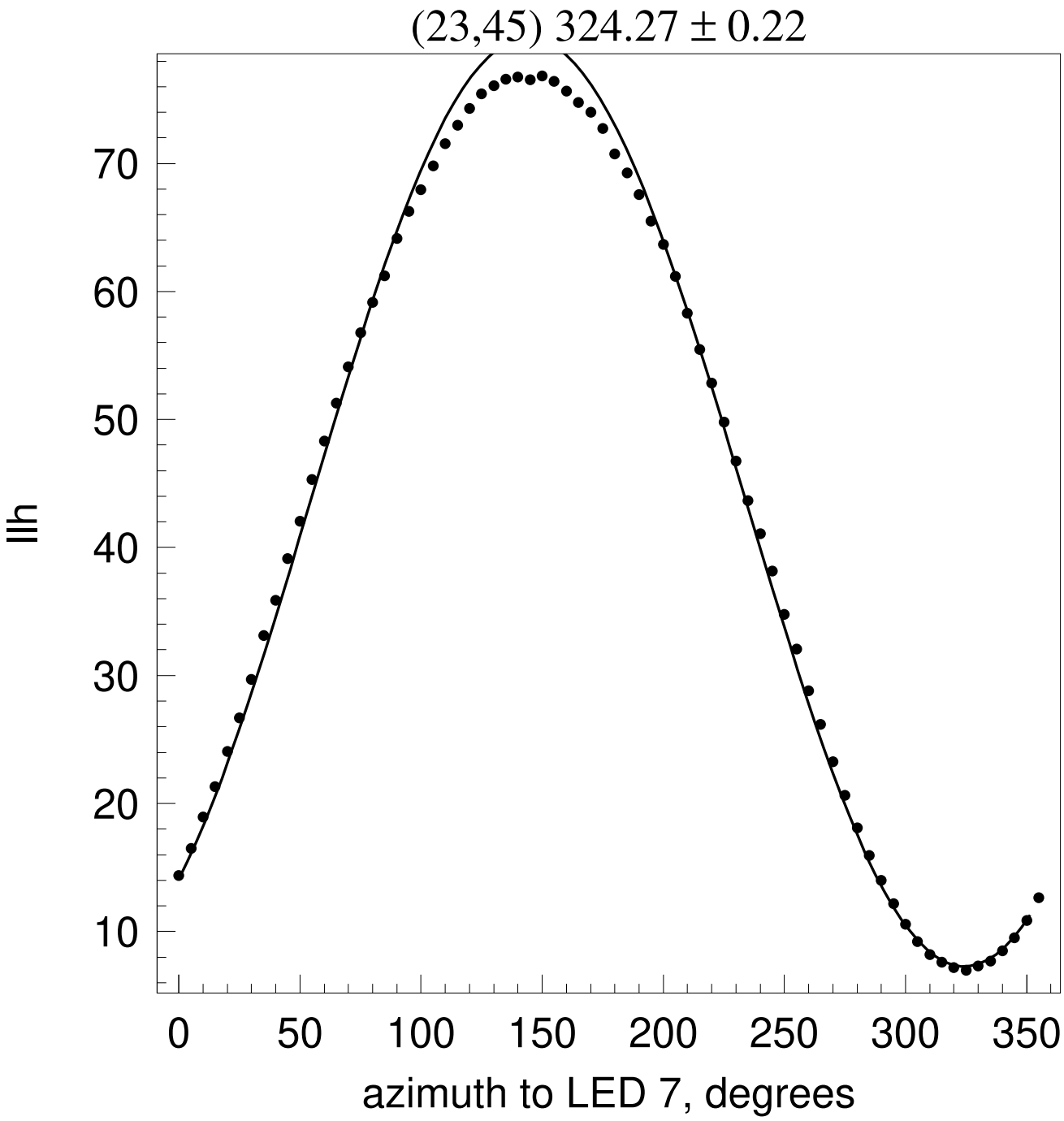

(23,40) 136.67 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

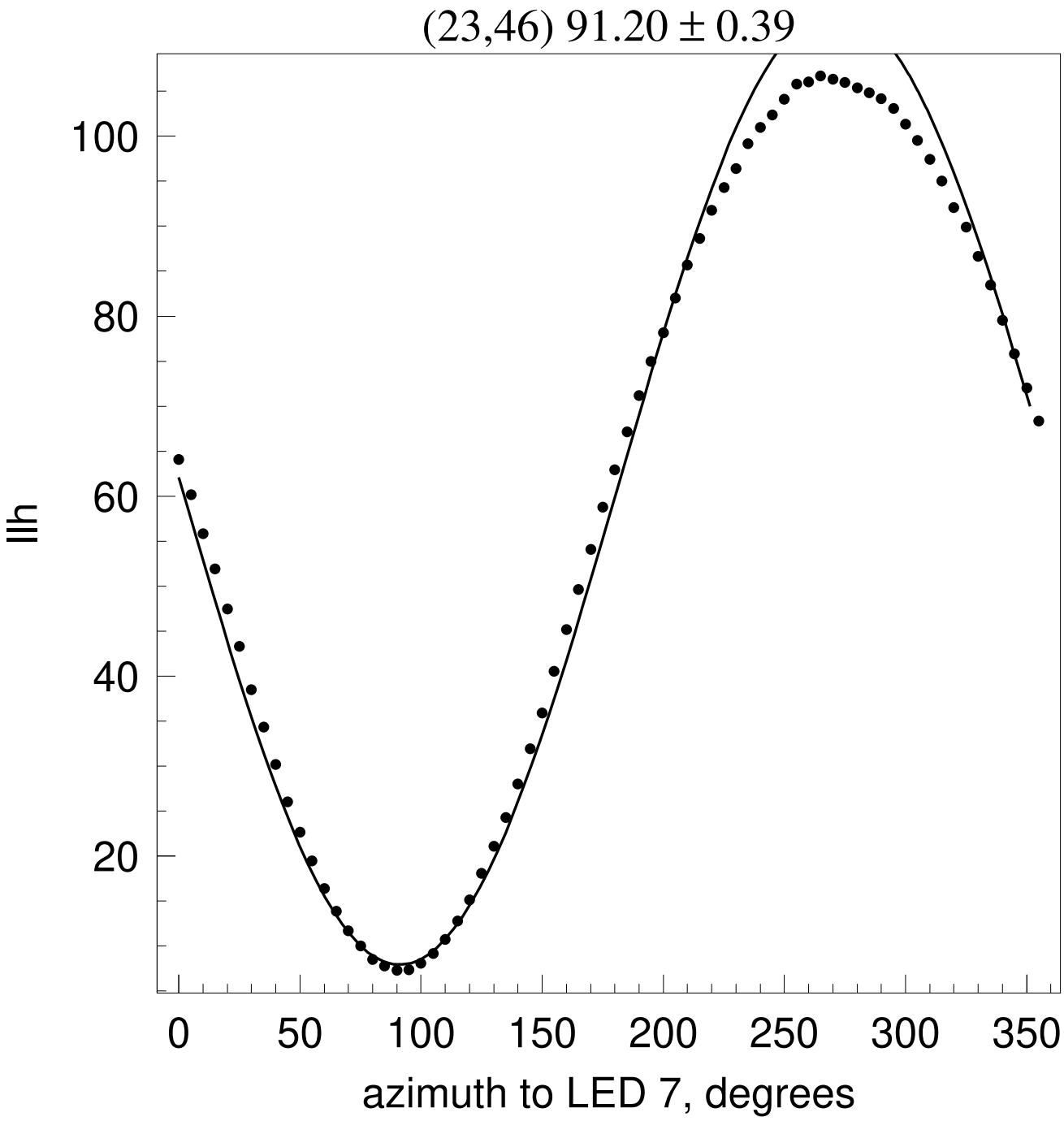

(23,41) 353.01 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

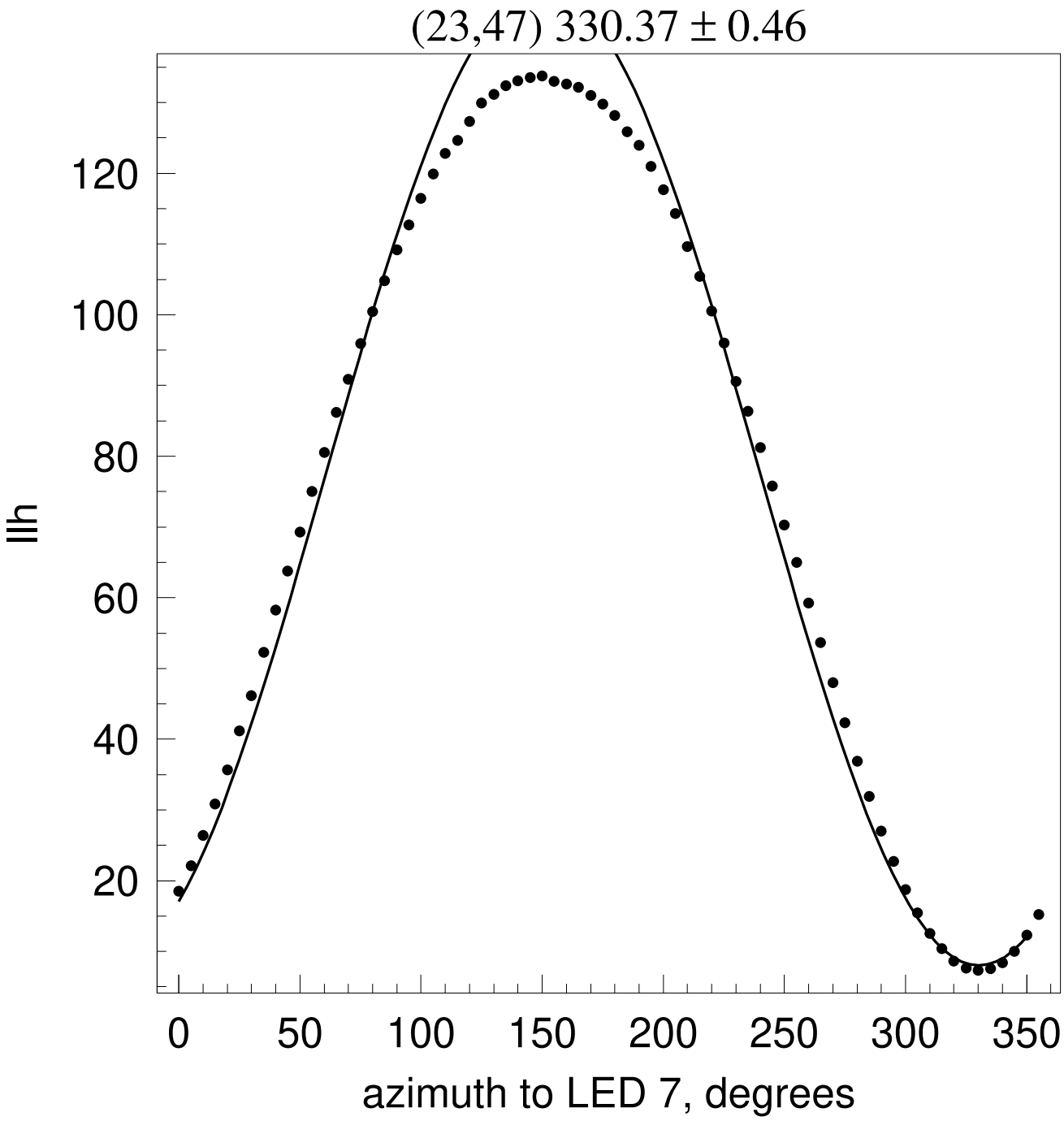

(23,42) 332.53 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

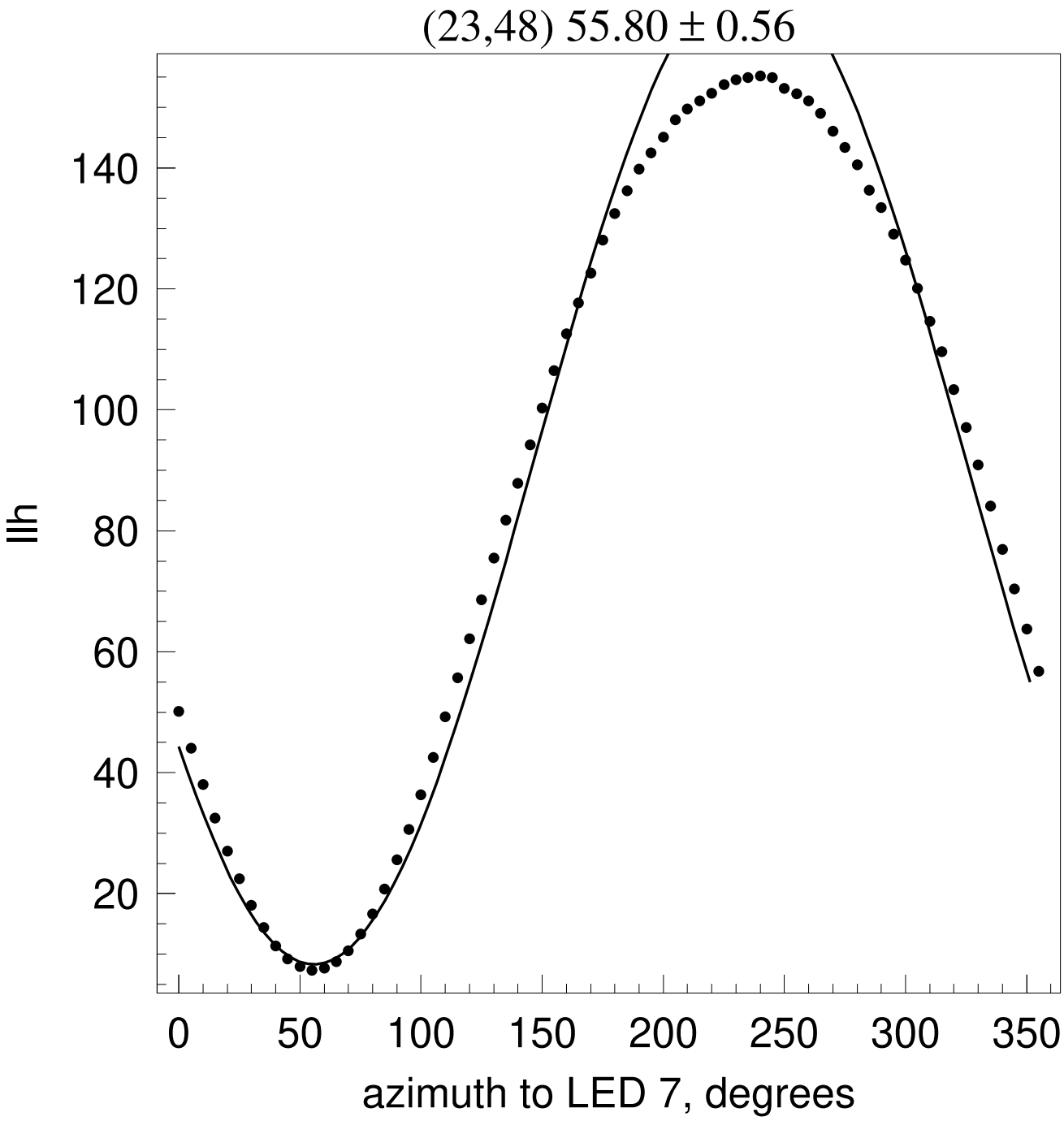

(23,43) 151.67 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

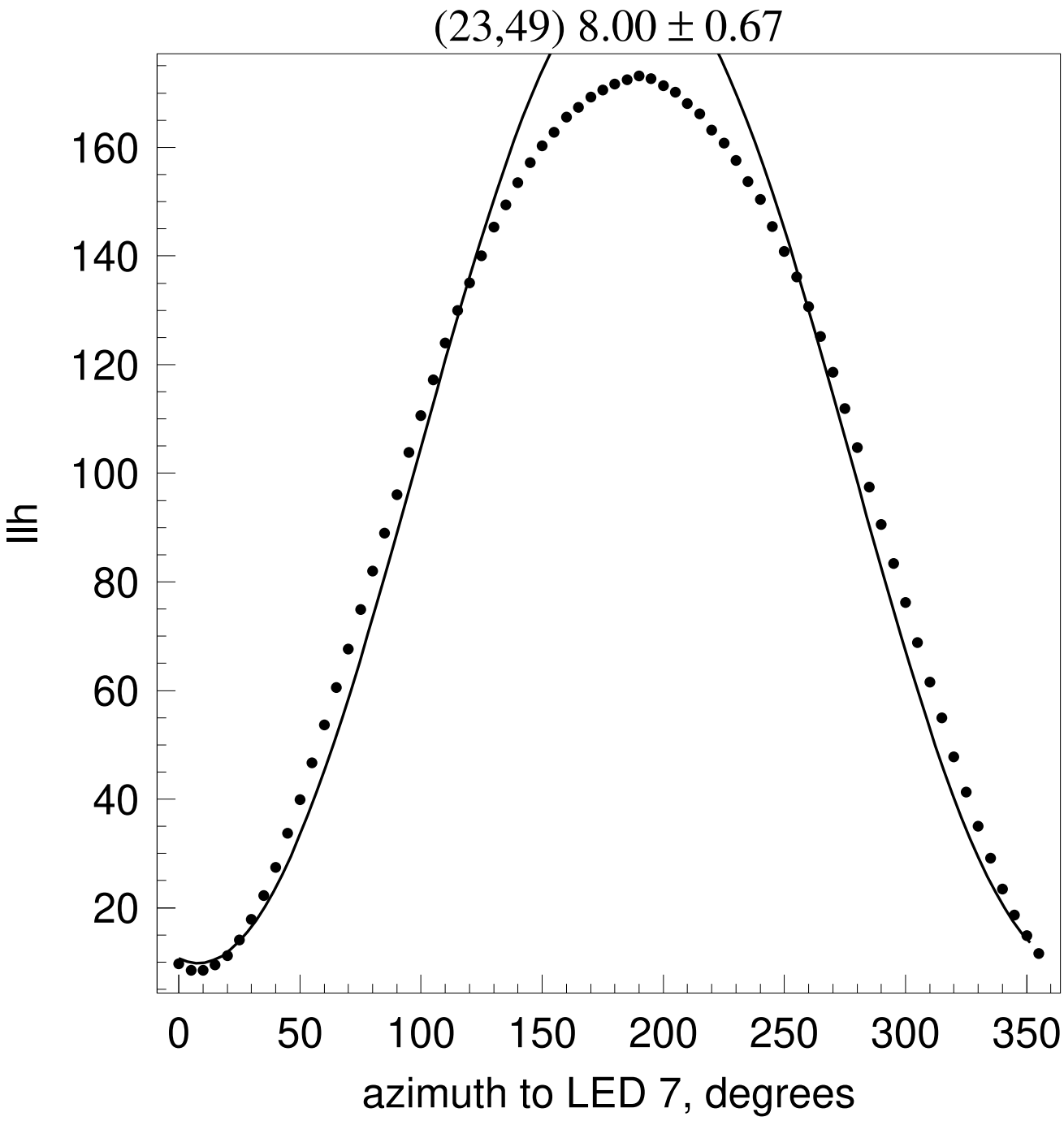

(23,44) 102.42 ± 0.20
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

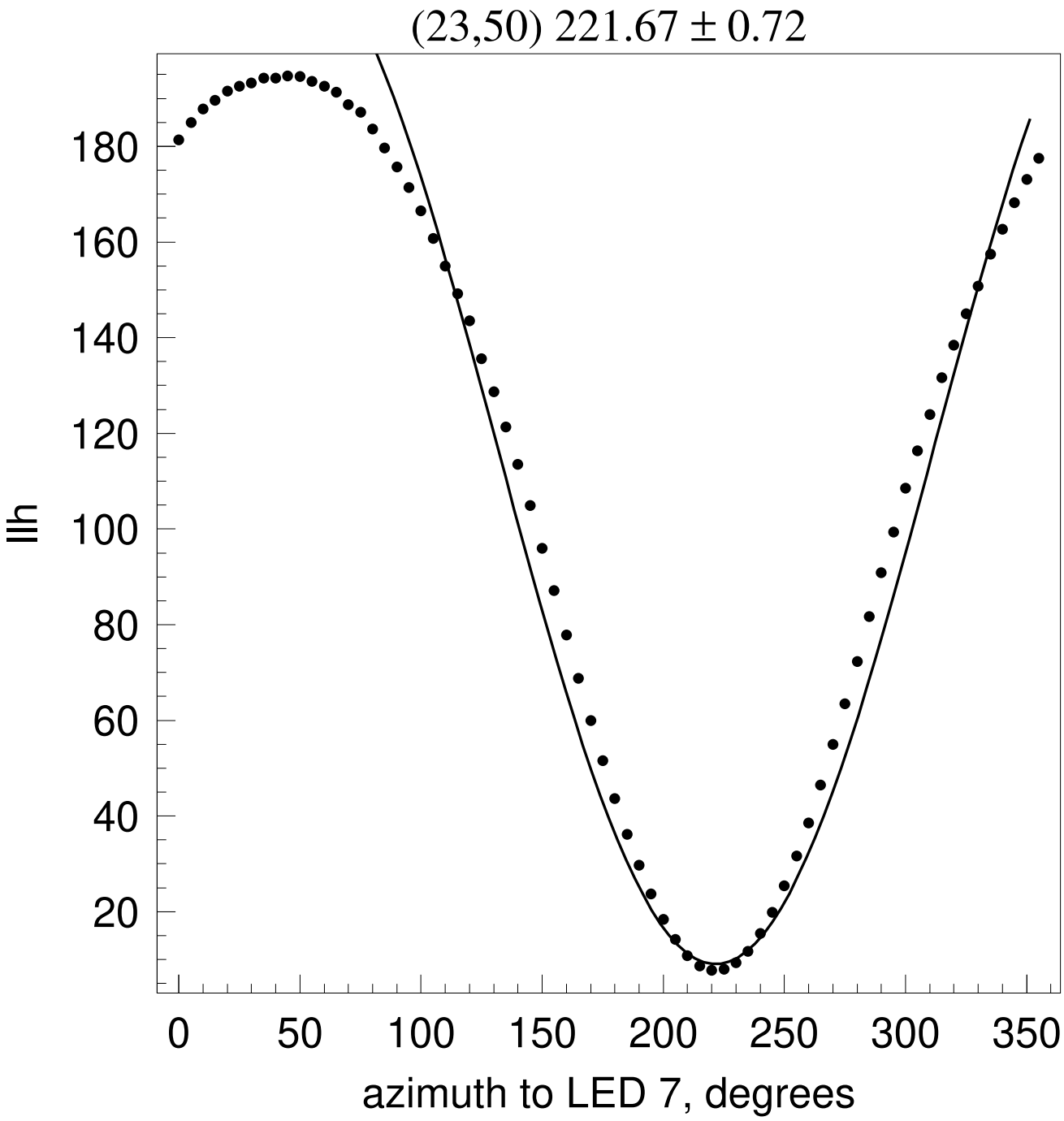

(23,45) 324.27 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

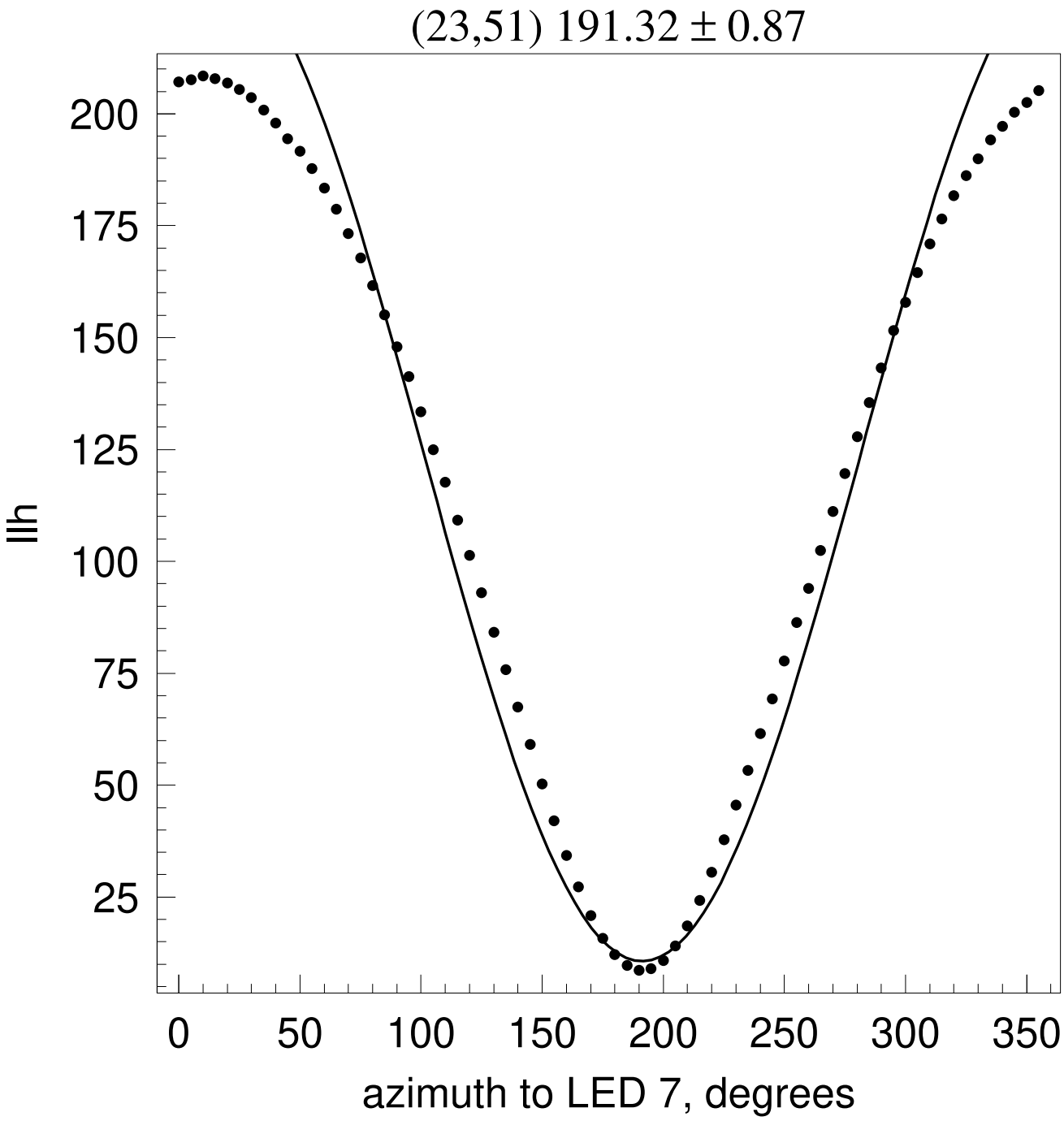

(23,46) 91.20 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

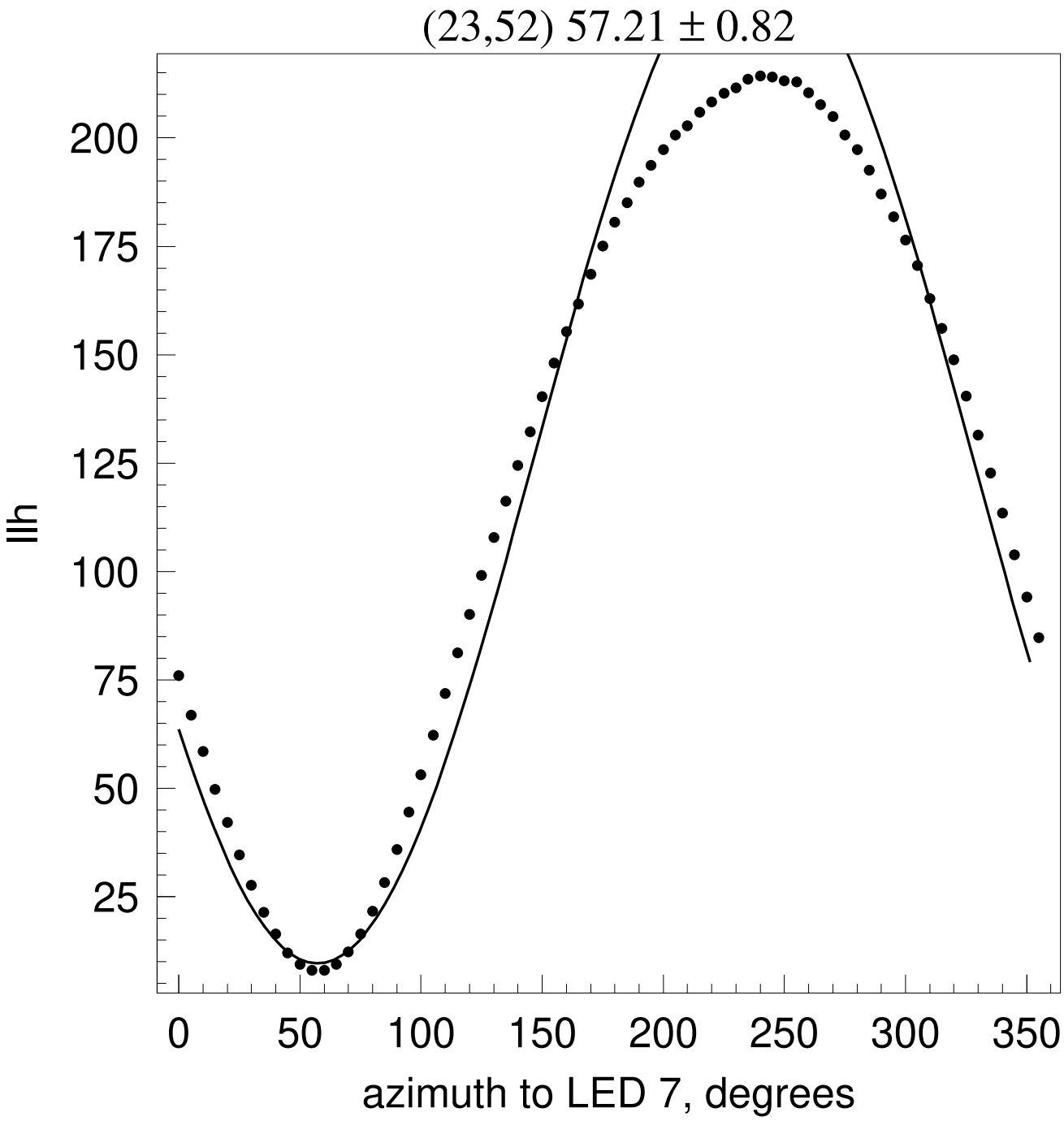

(23,47) 330.37 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

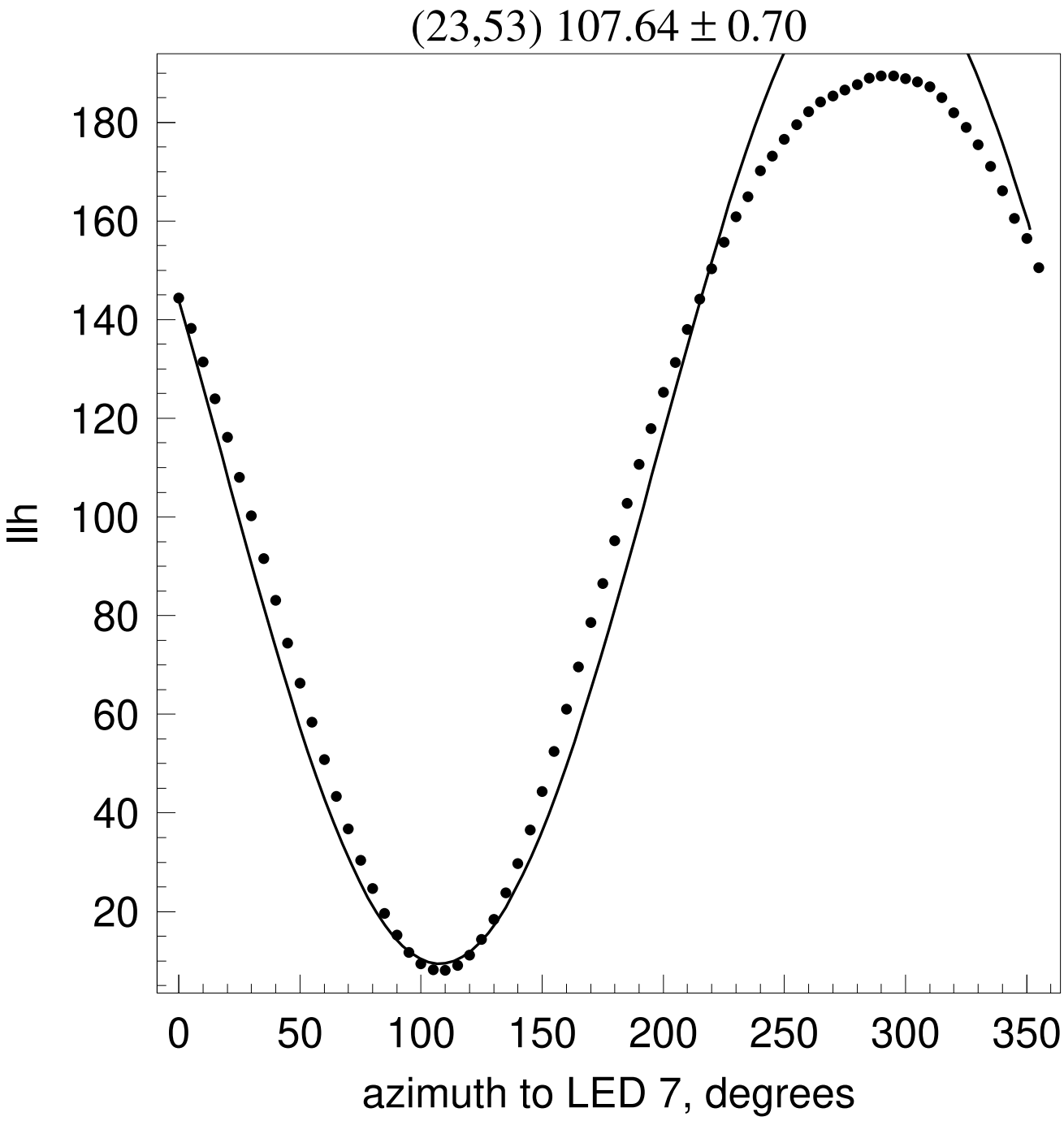

(23,48) 55.80 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

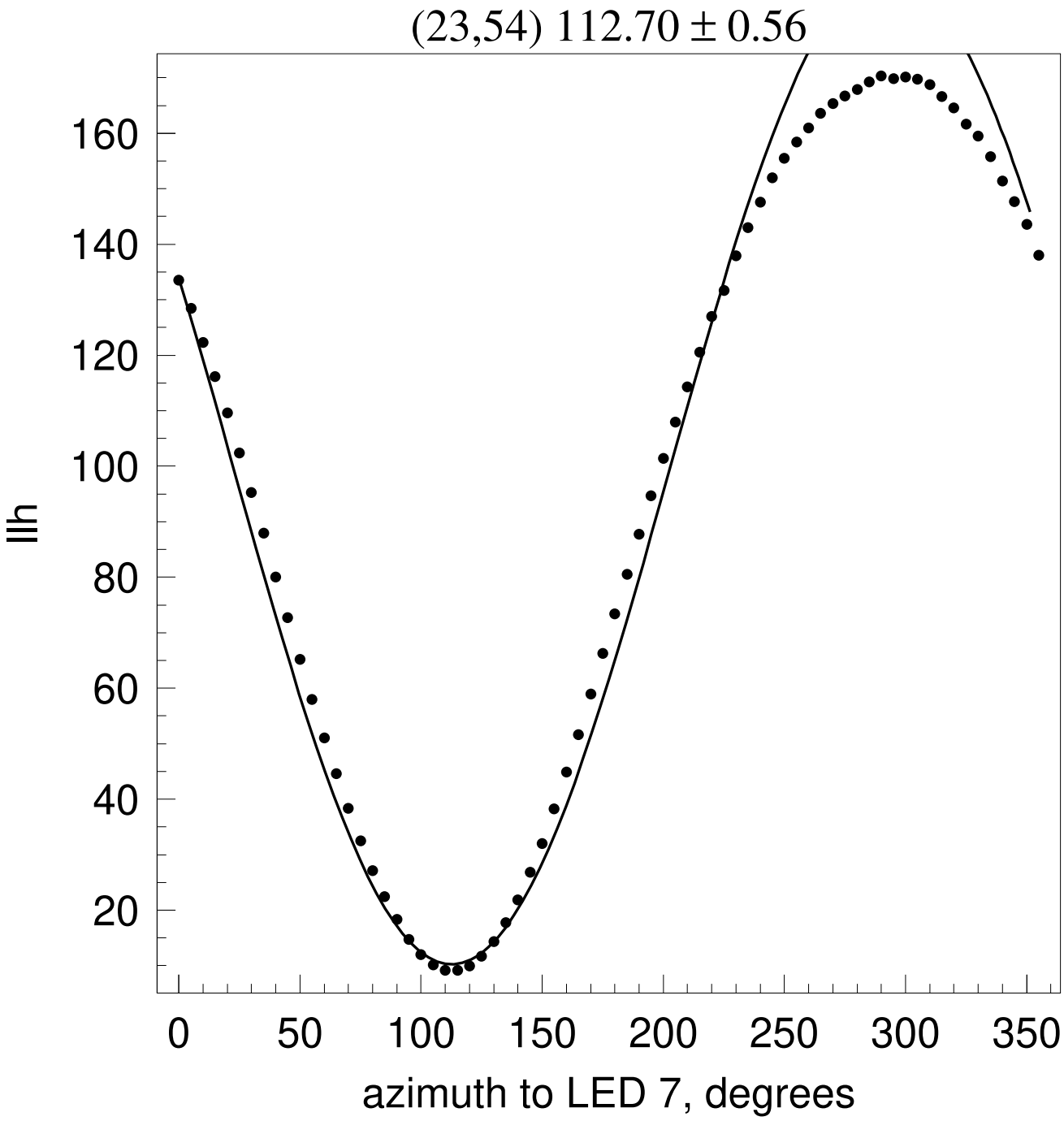

(23,49) 8.00 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

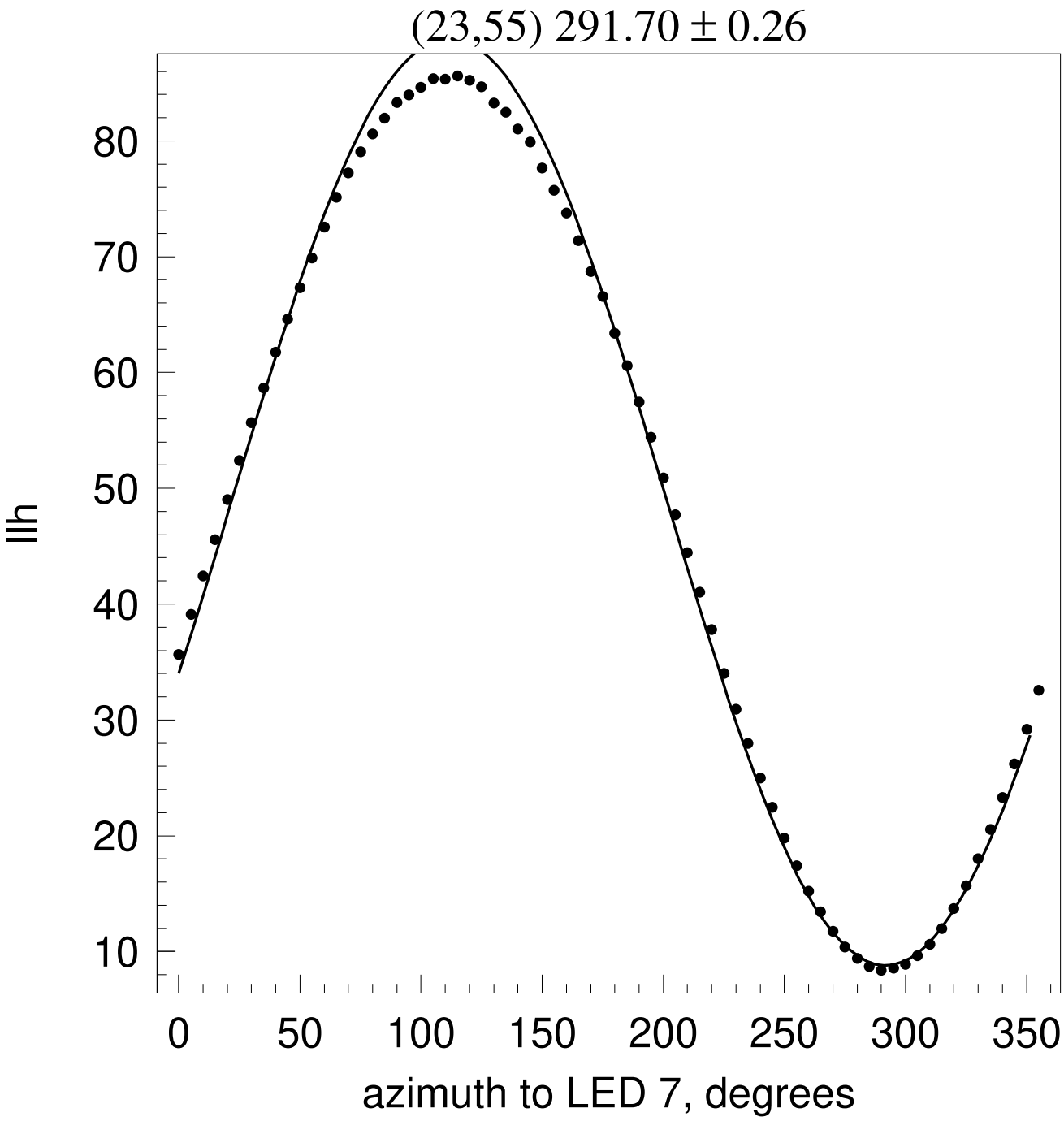

(23,50) 221.67 ± 0.72
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

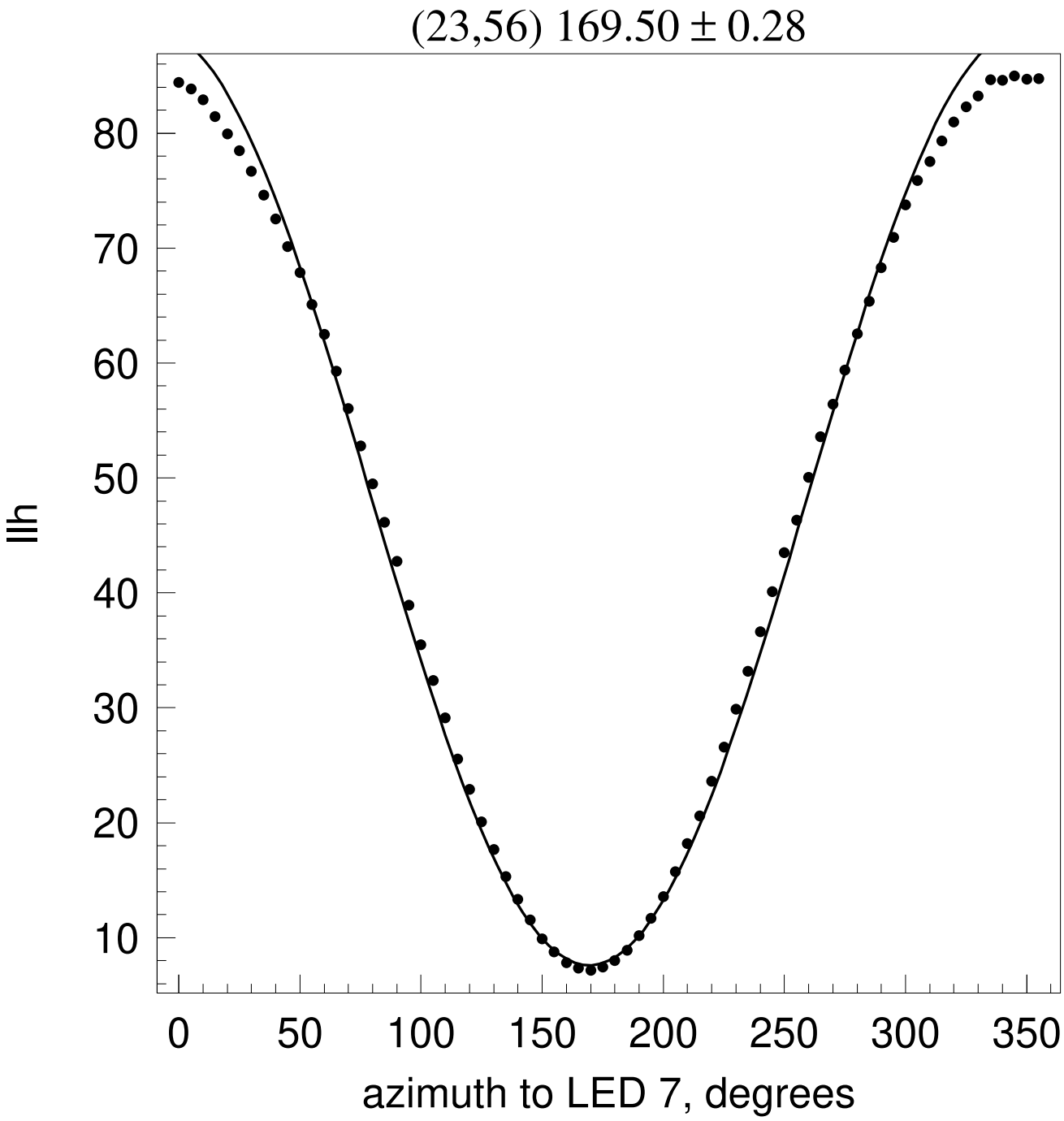

(23,51) 191.32 ± 0.87
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

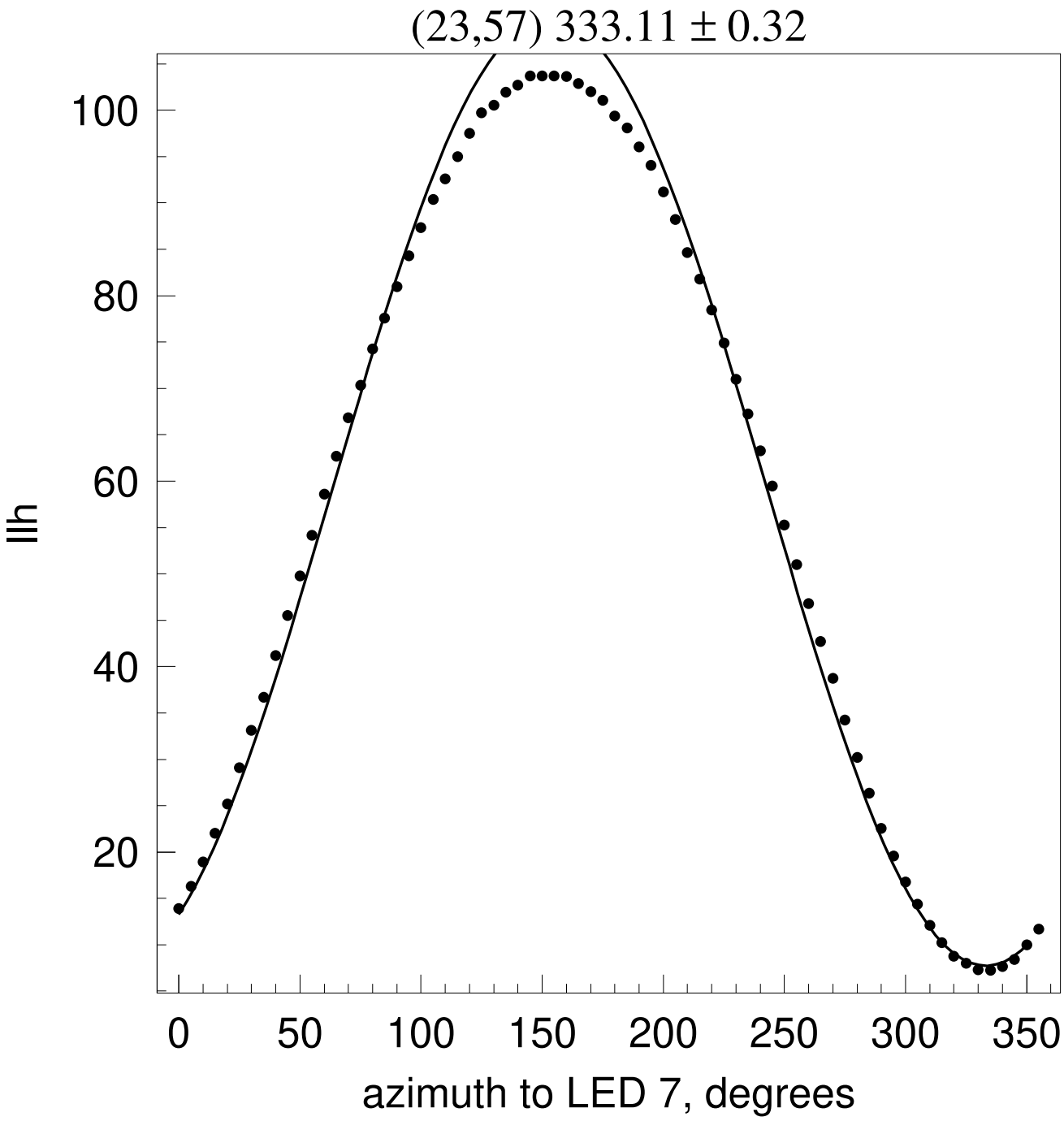

(23,52) 57.21 ± 0.82
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

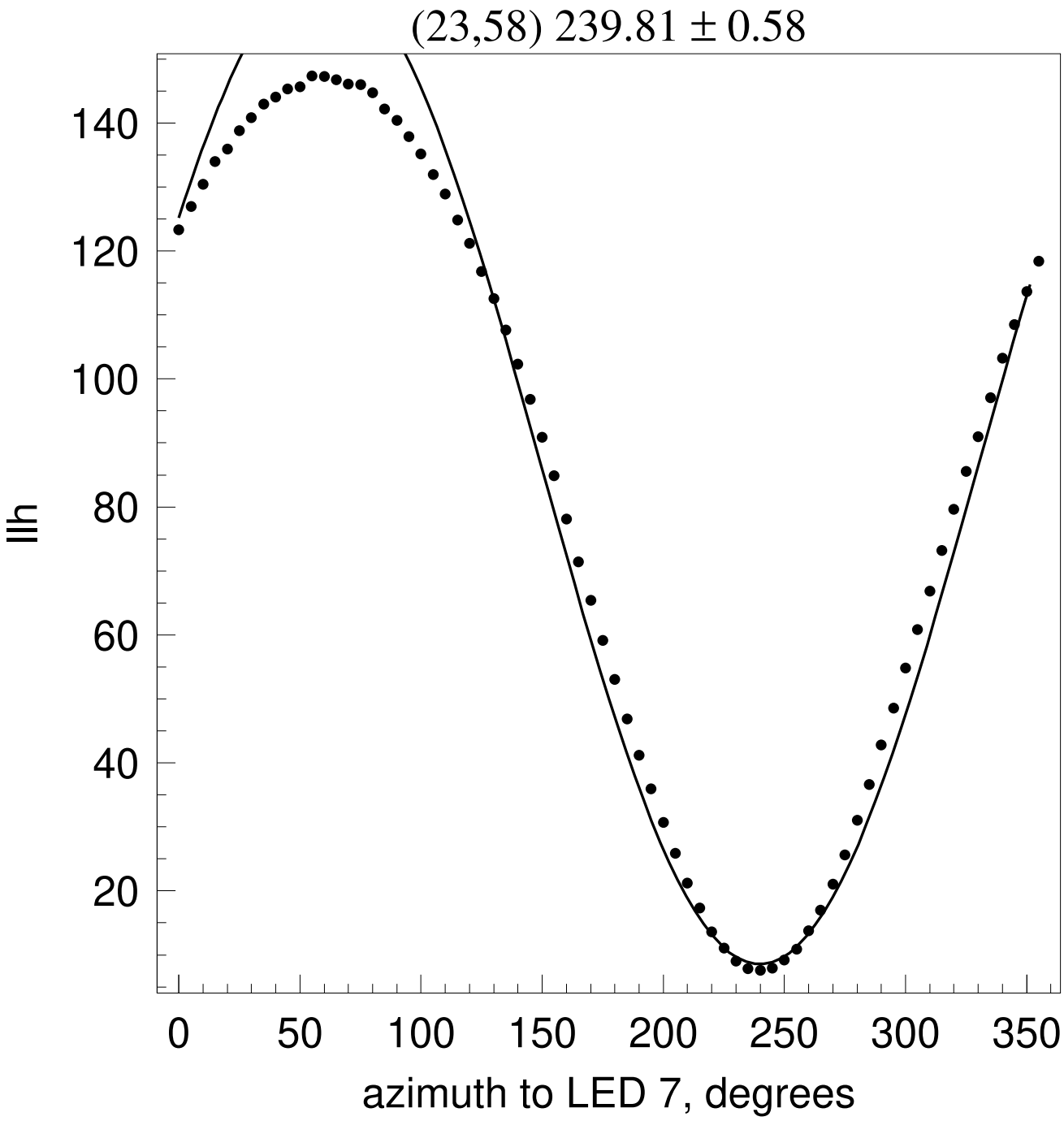

(23,53) 107.64 ± 0.70
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

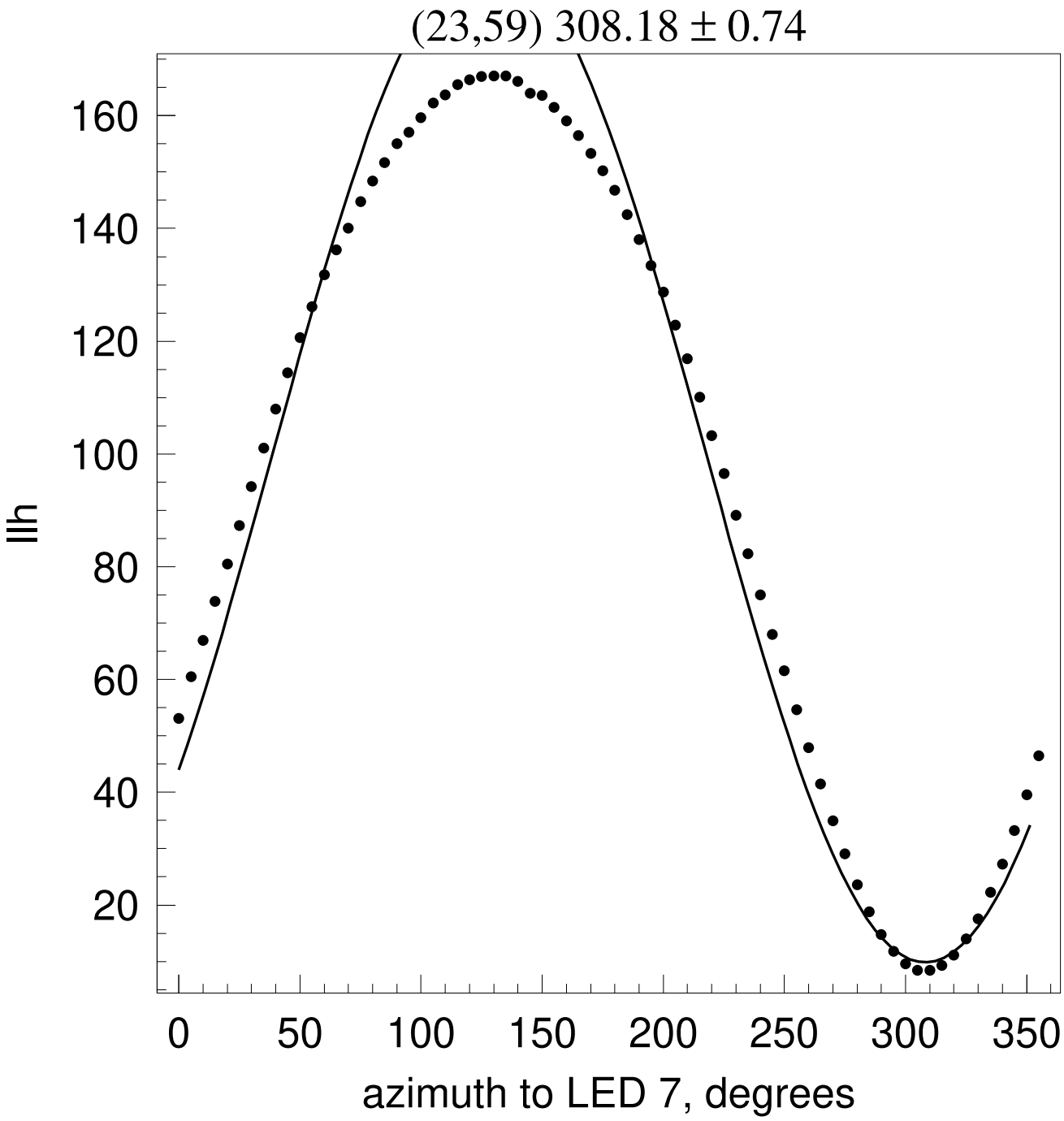

(23,54) 112.70 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

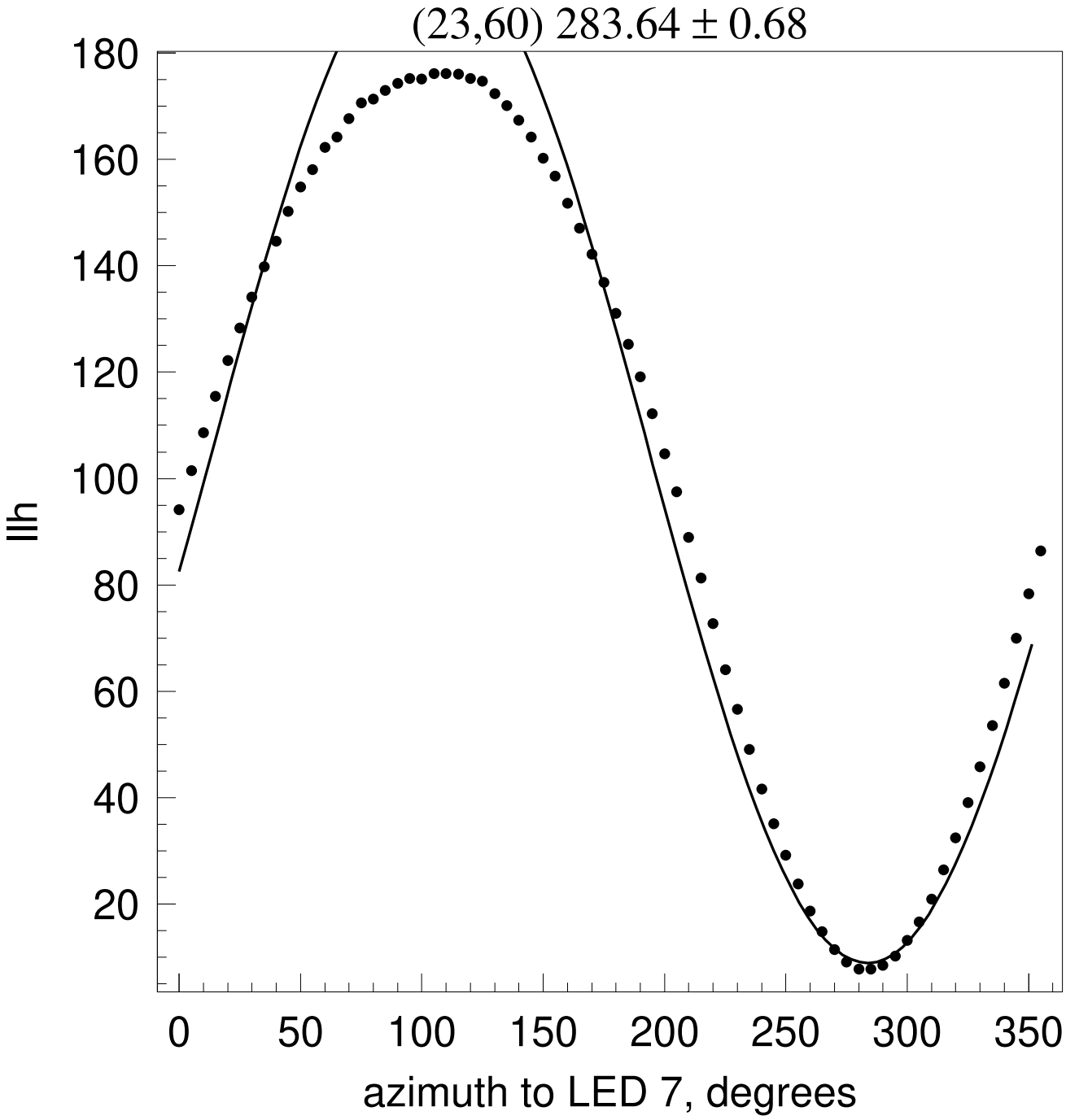

(23,55) 291.70 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

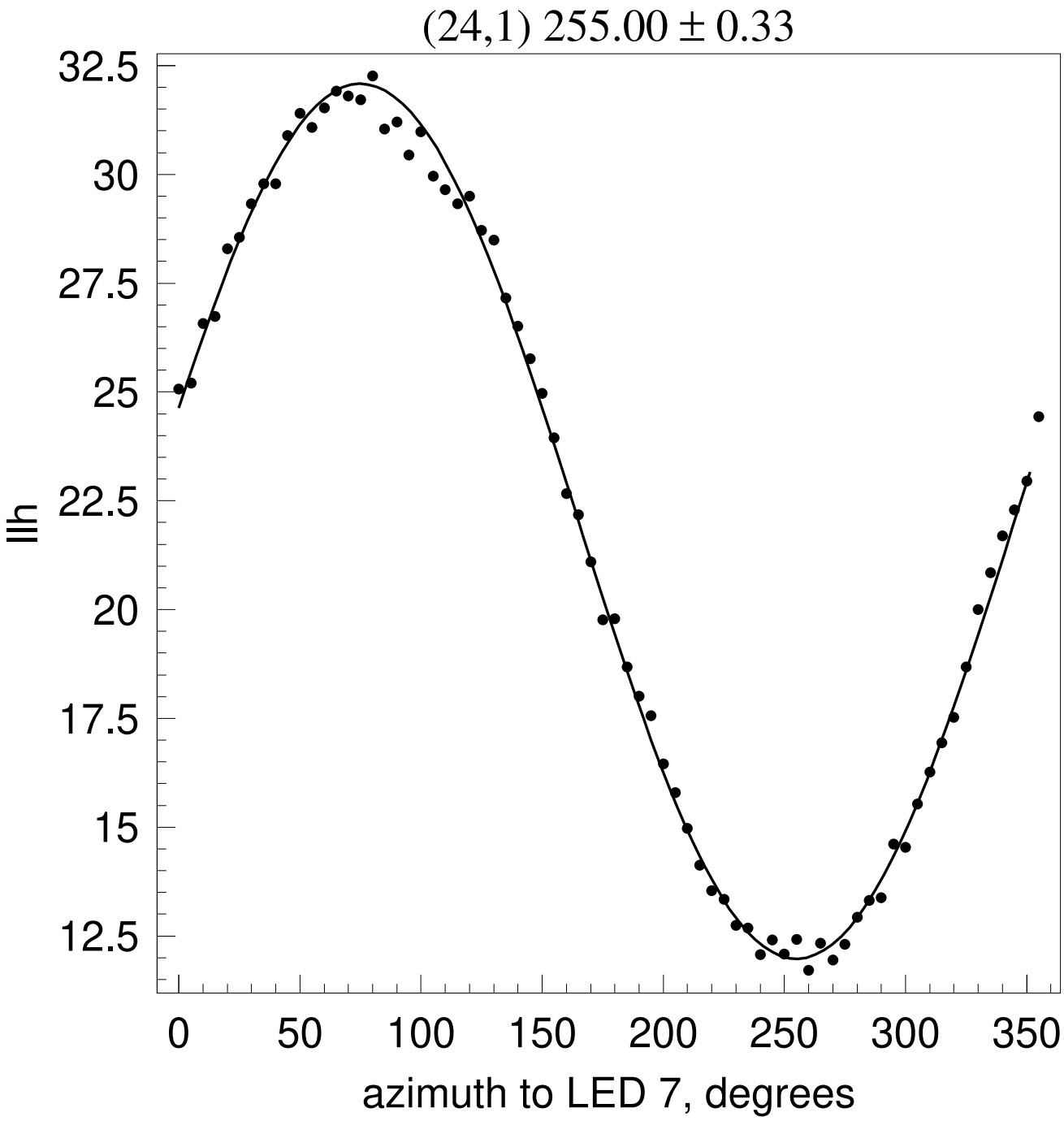

(23,56) 169.50 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

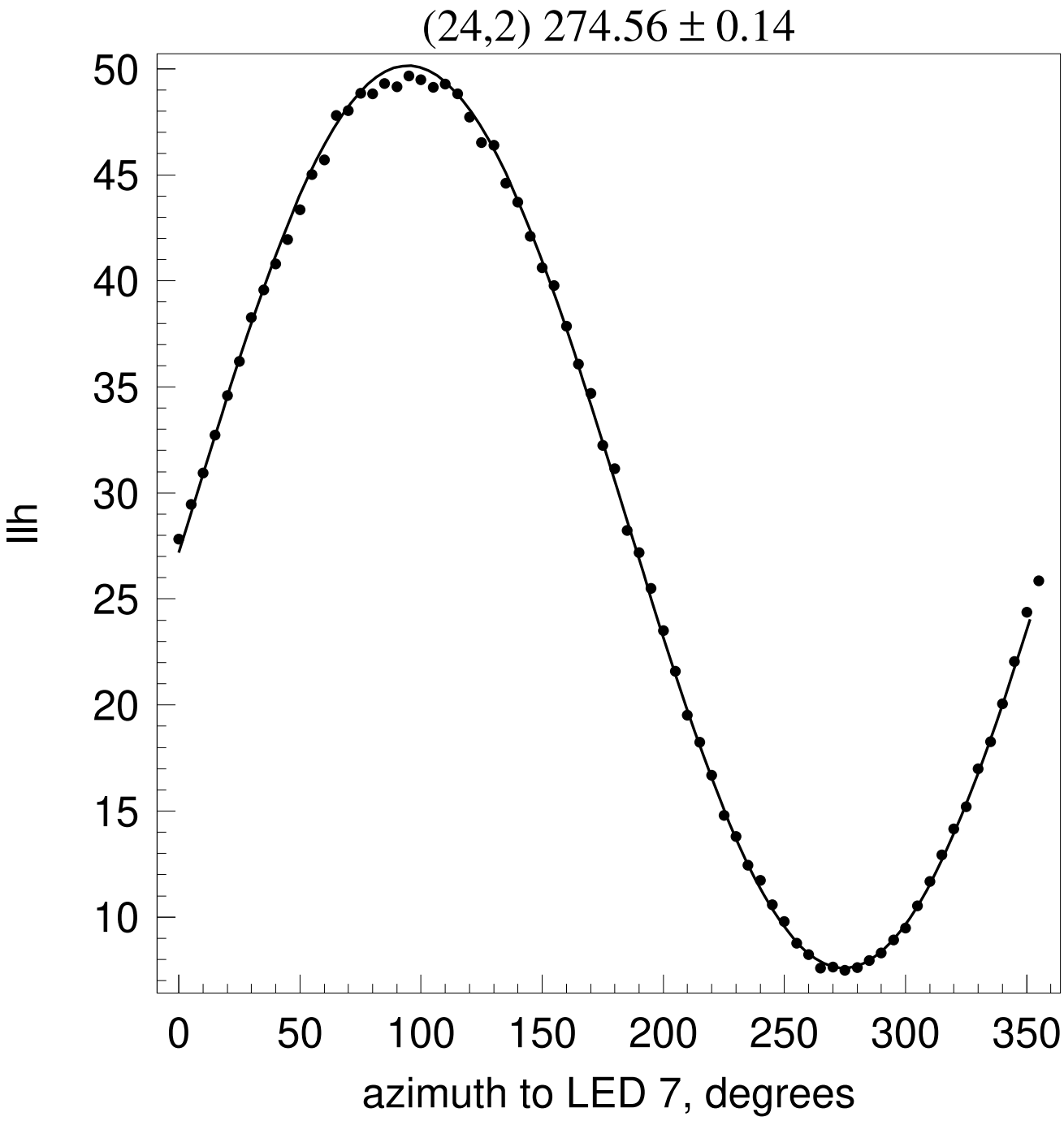

(23,57) 333.11 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

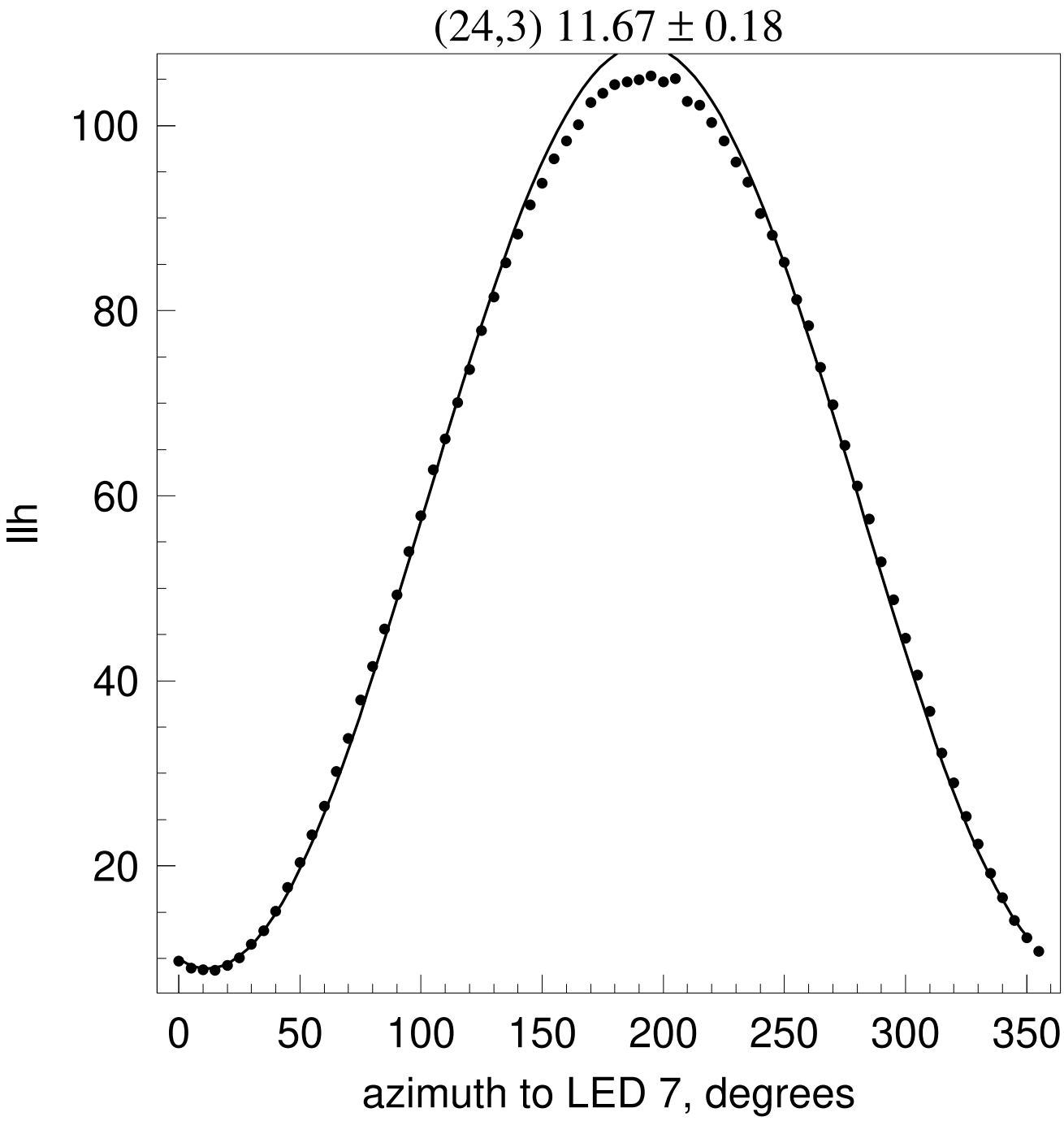

(23,58) 239.81 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

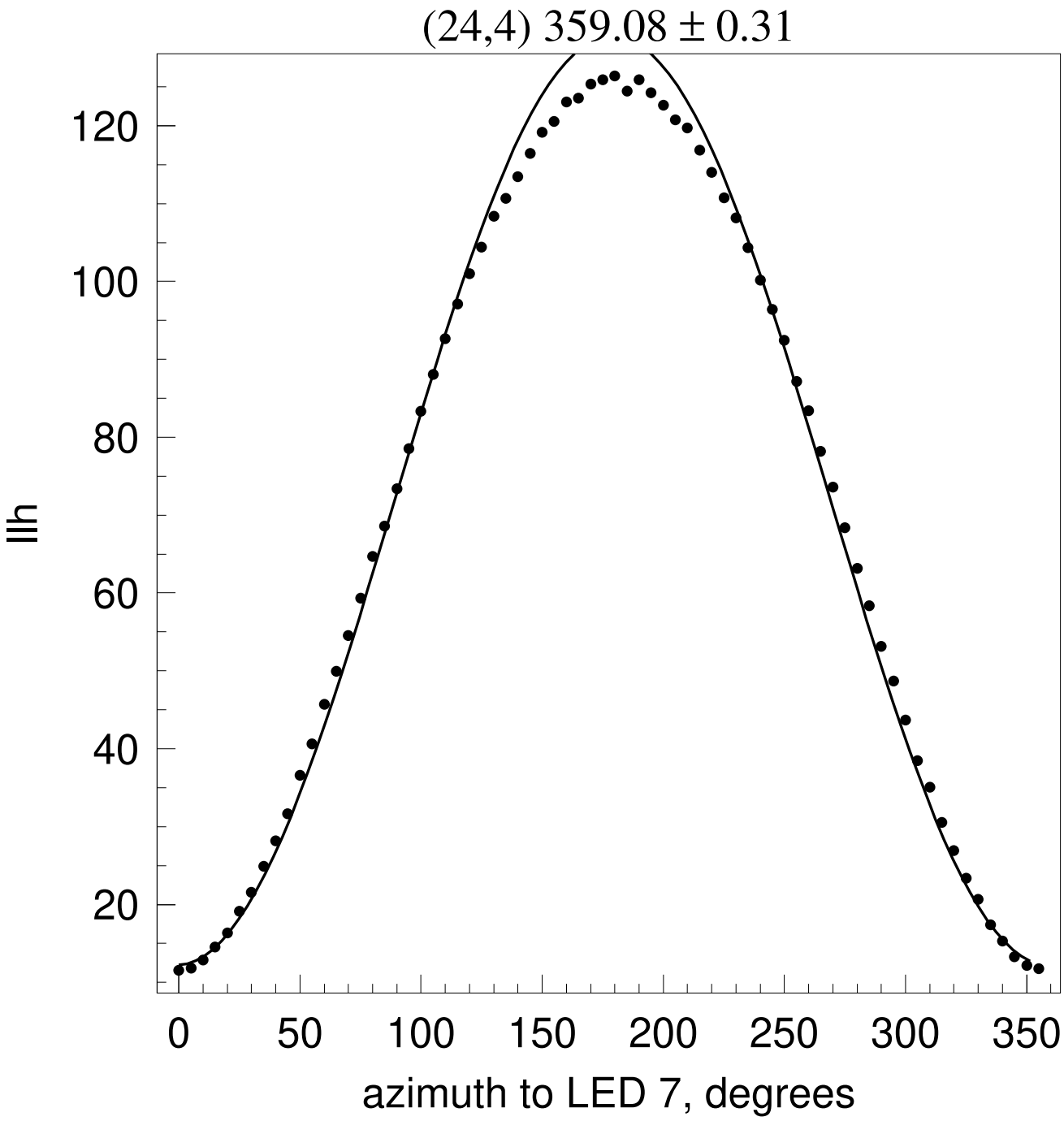

(23,59) 308.18 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

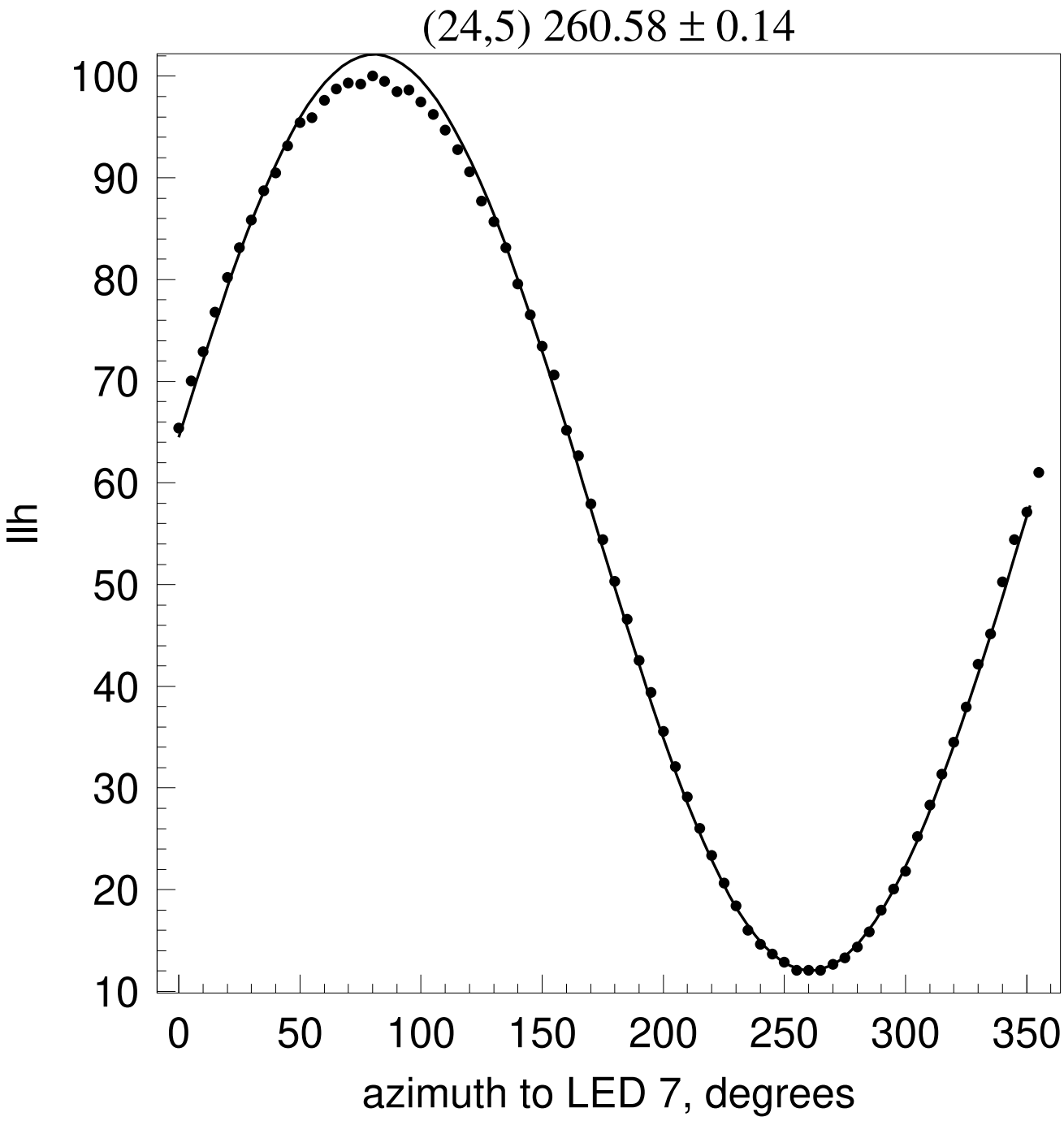

(23,60) 283.64 ± 0.68
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

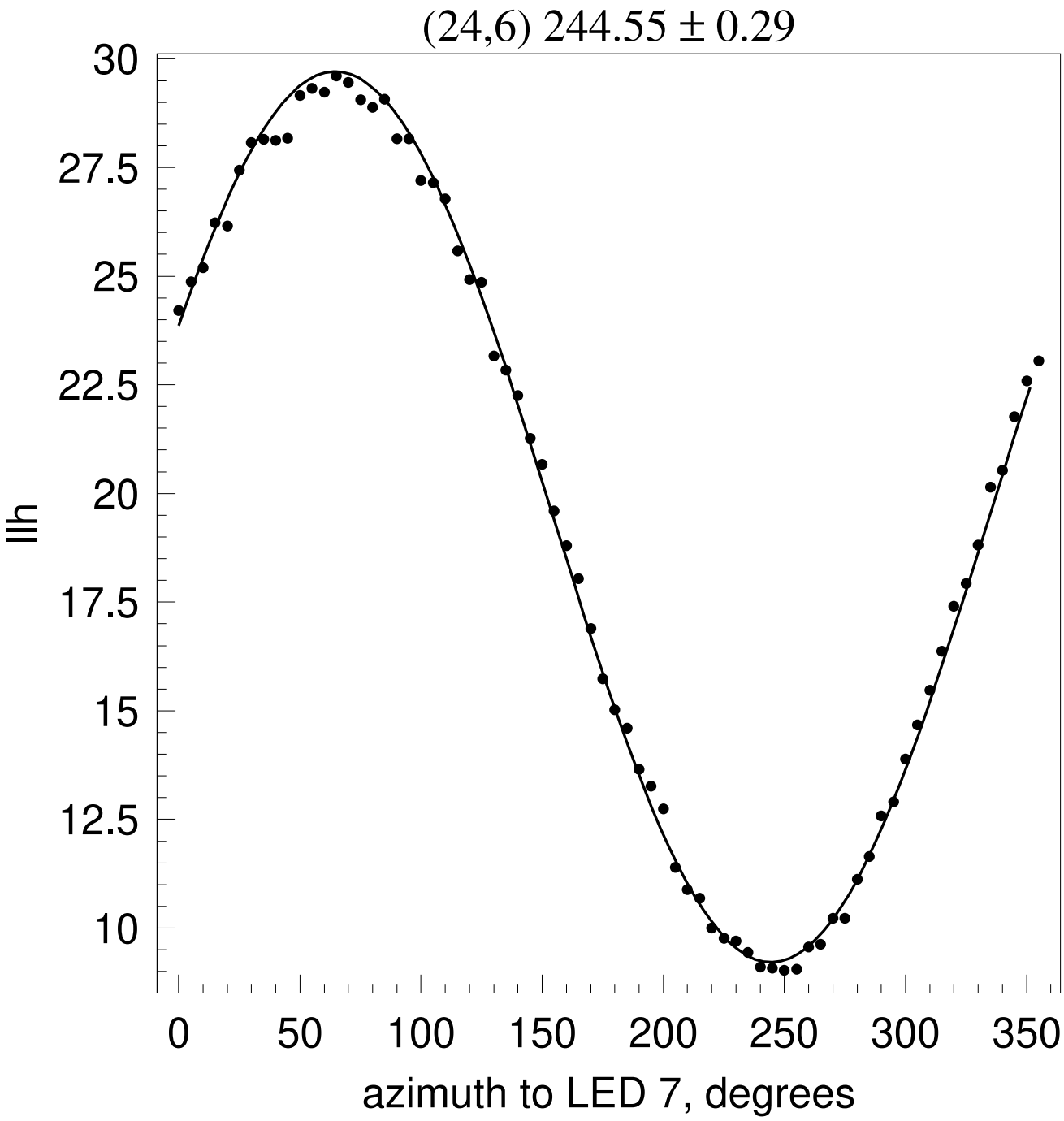

(24,1) 255.00 ± 0.33
32.5
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

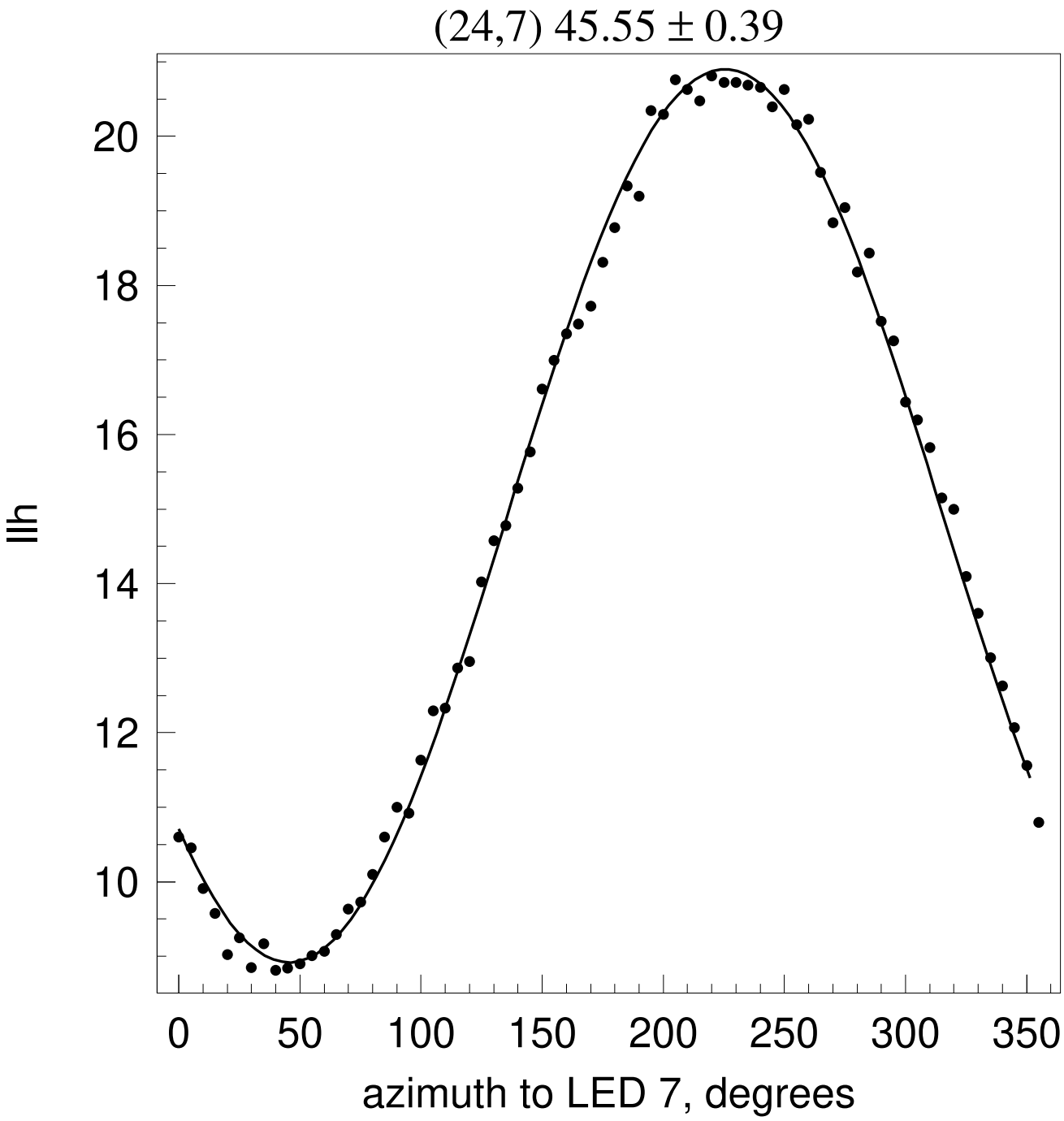

(24,2) 274.56 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

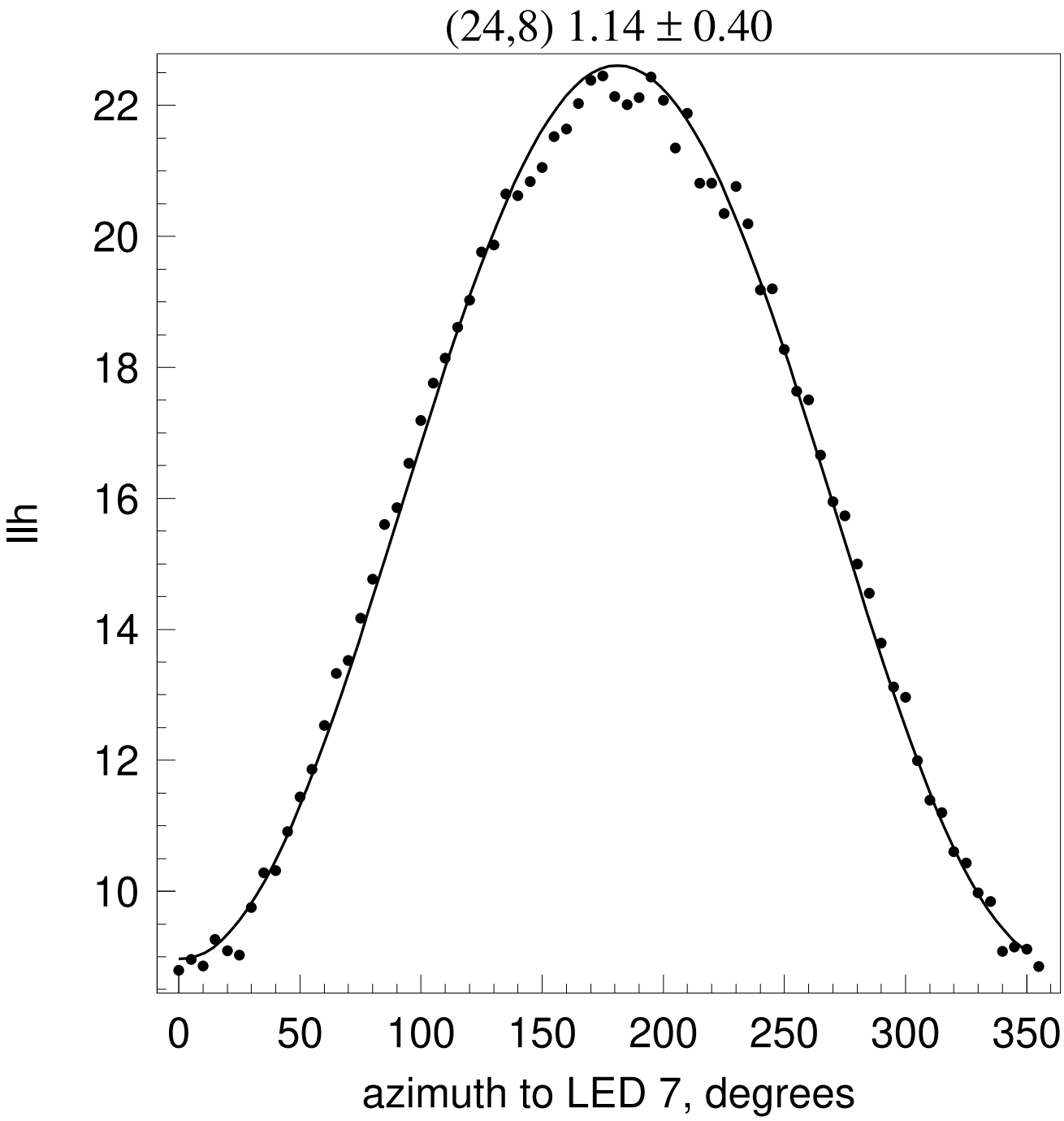

(24,3) 11.67 ± 0.18
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

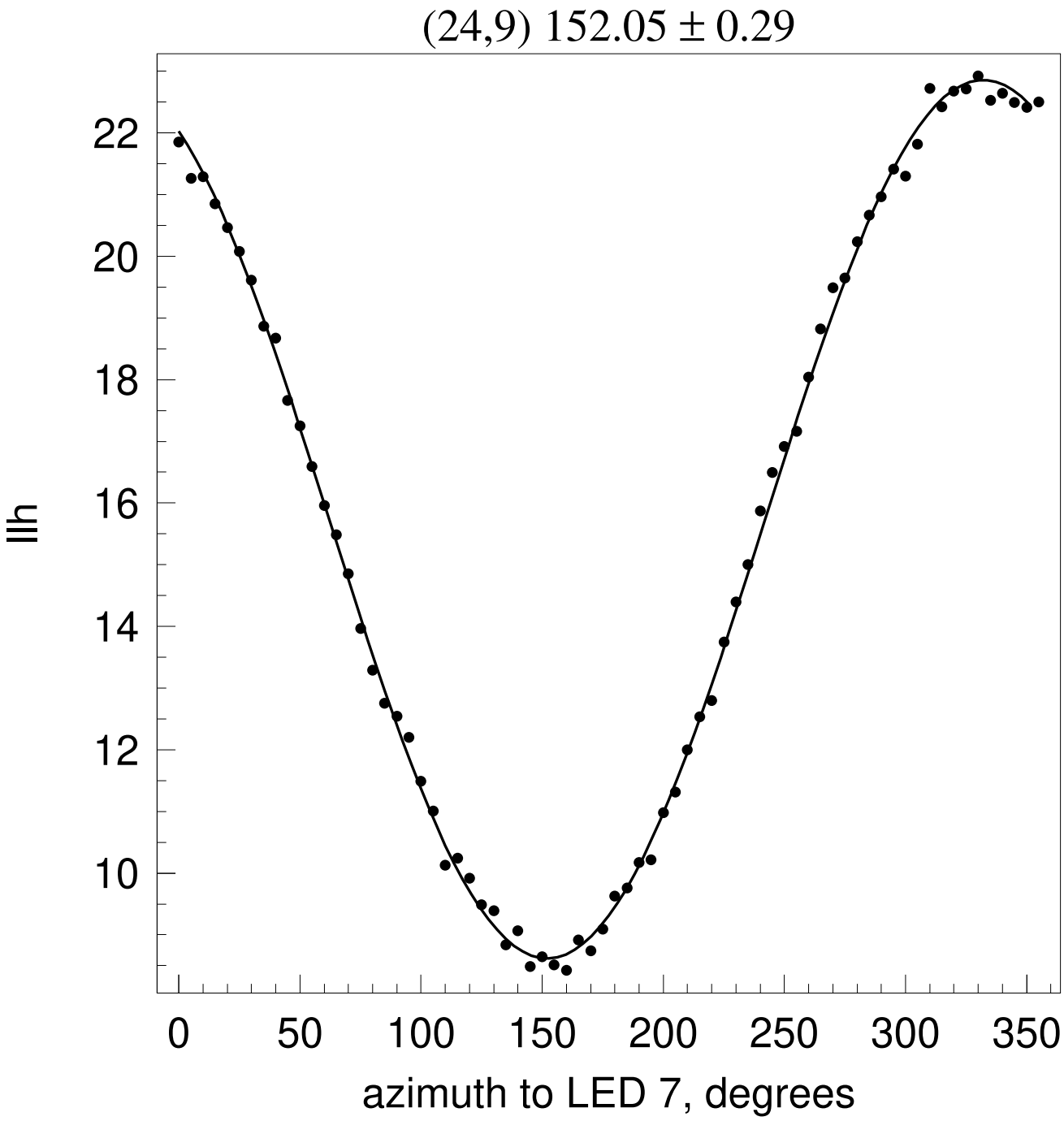

(24,4) 359.08 ± 0.31
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

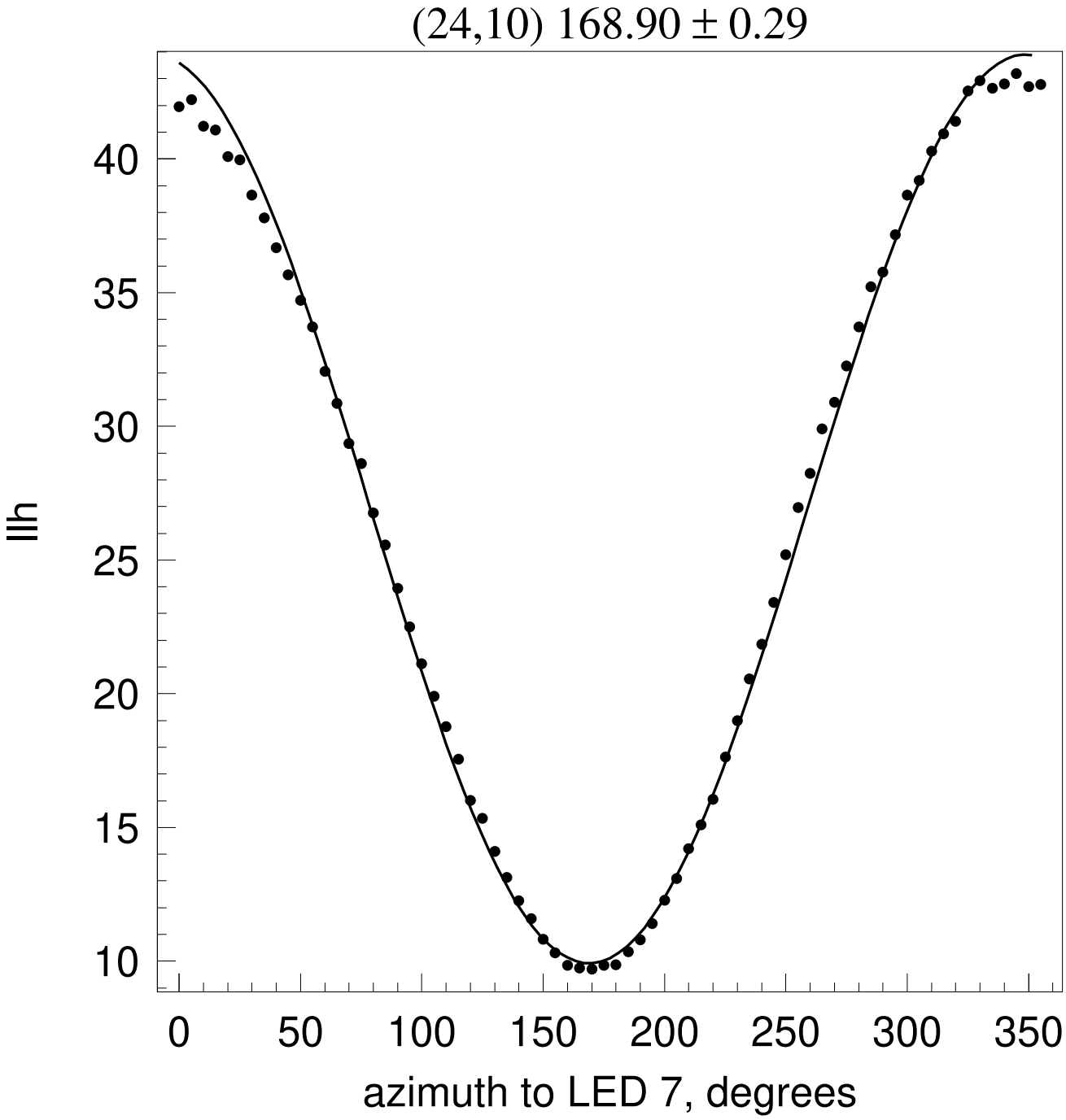

(24,5) 260.58 ± 0.14
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

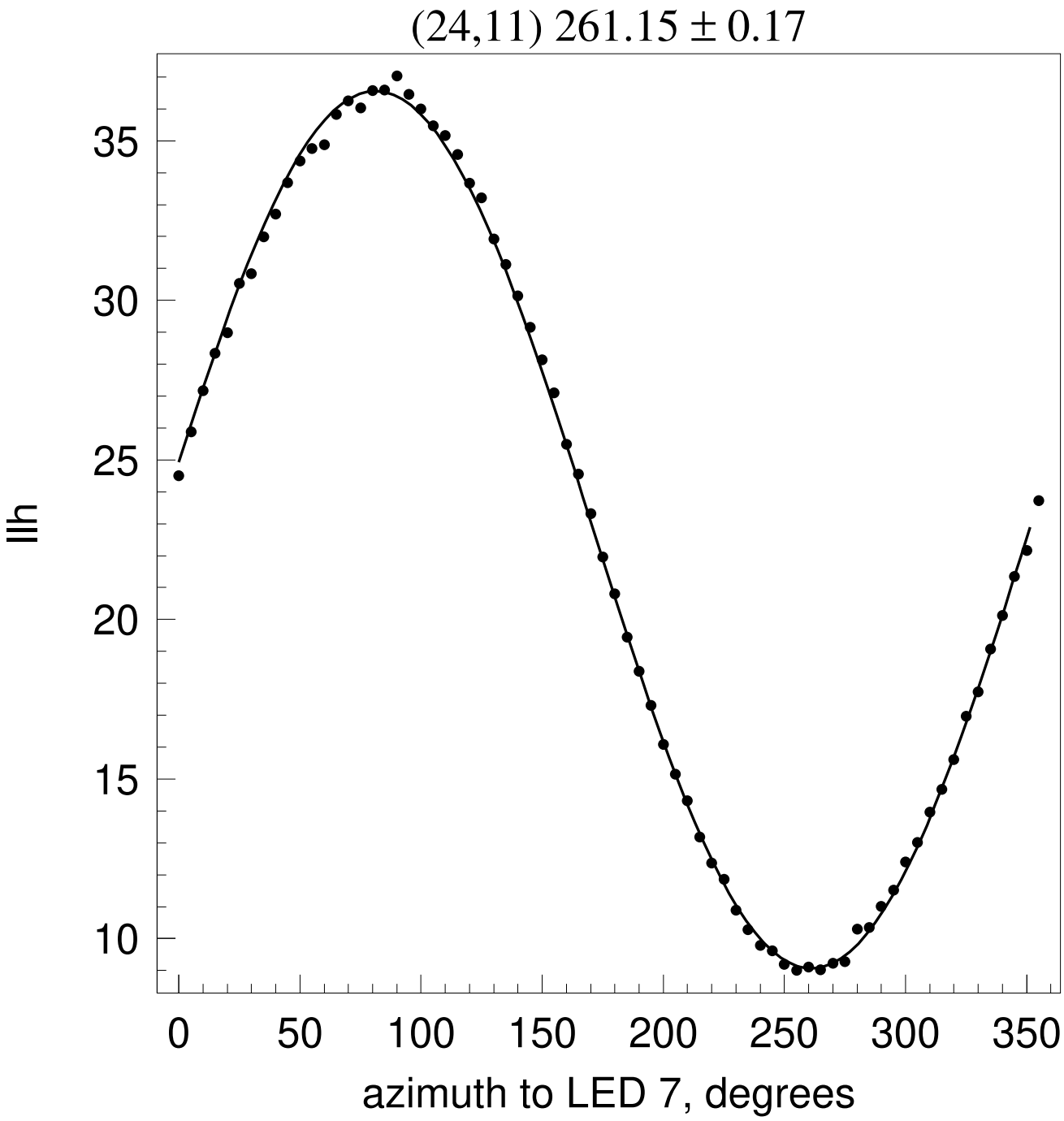

(24,6) 244.55 ± 0.29
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

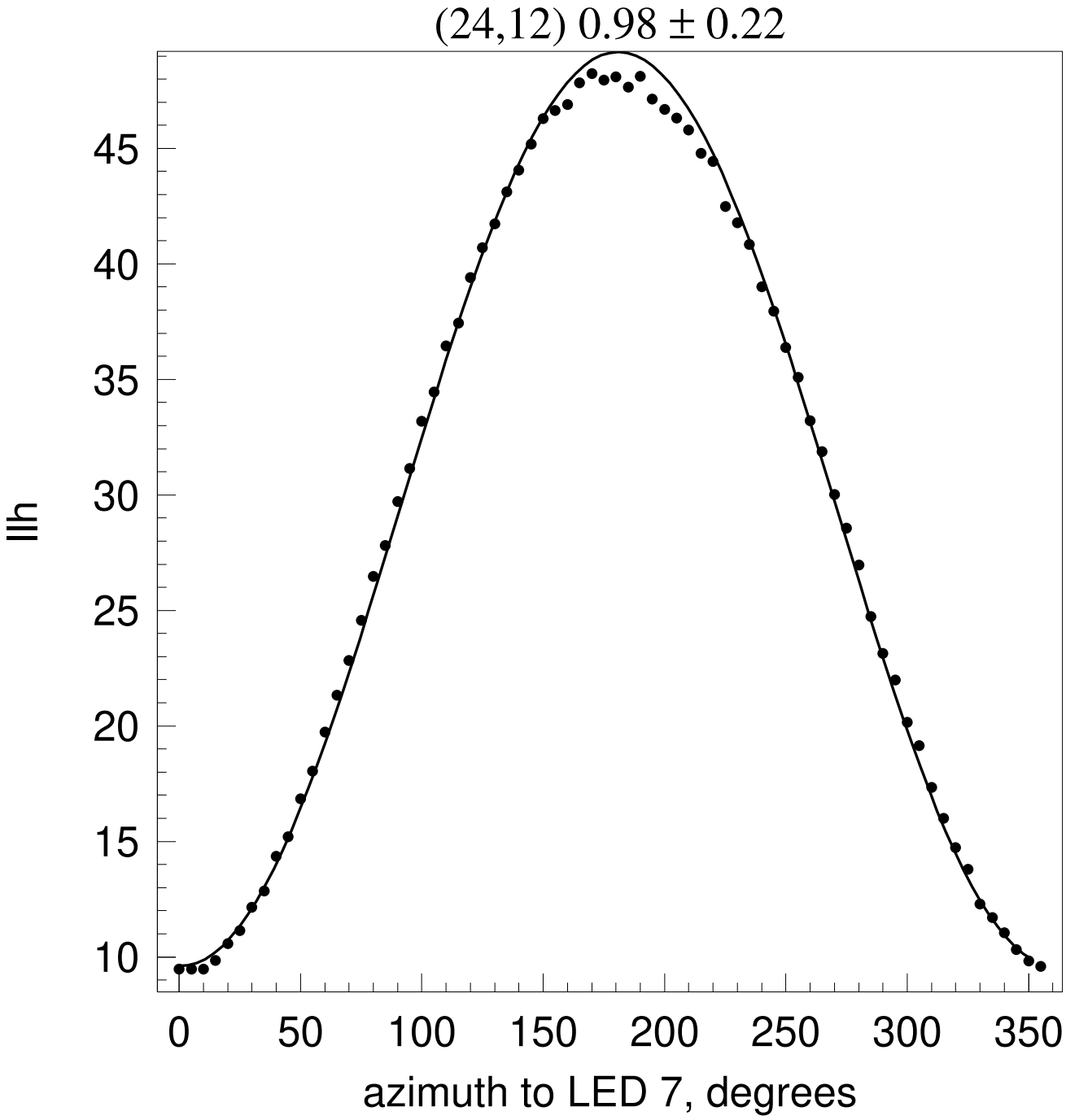

(24,7) 45.55 ± 0.39
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

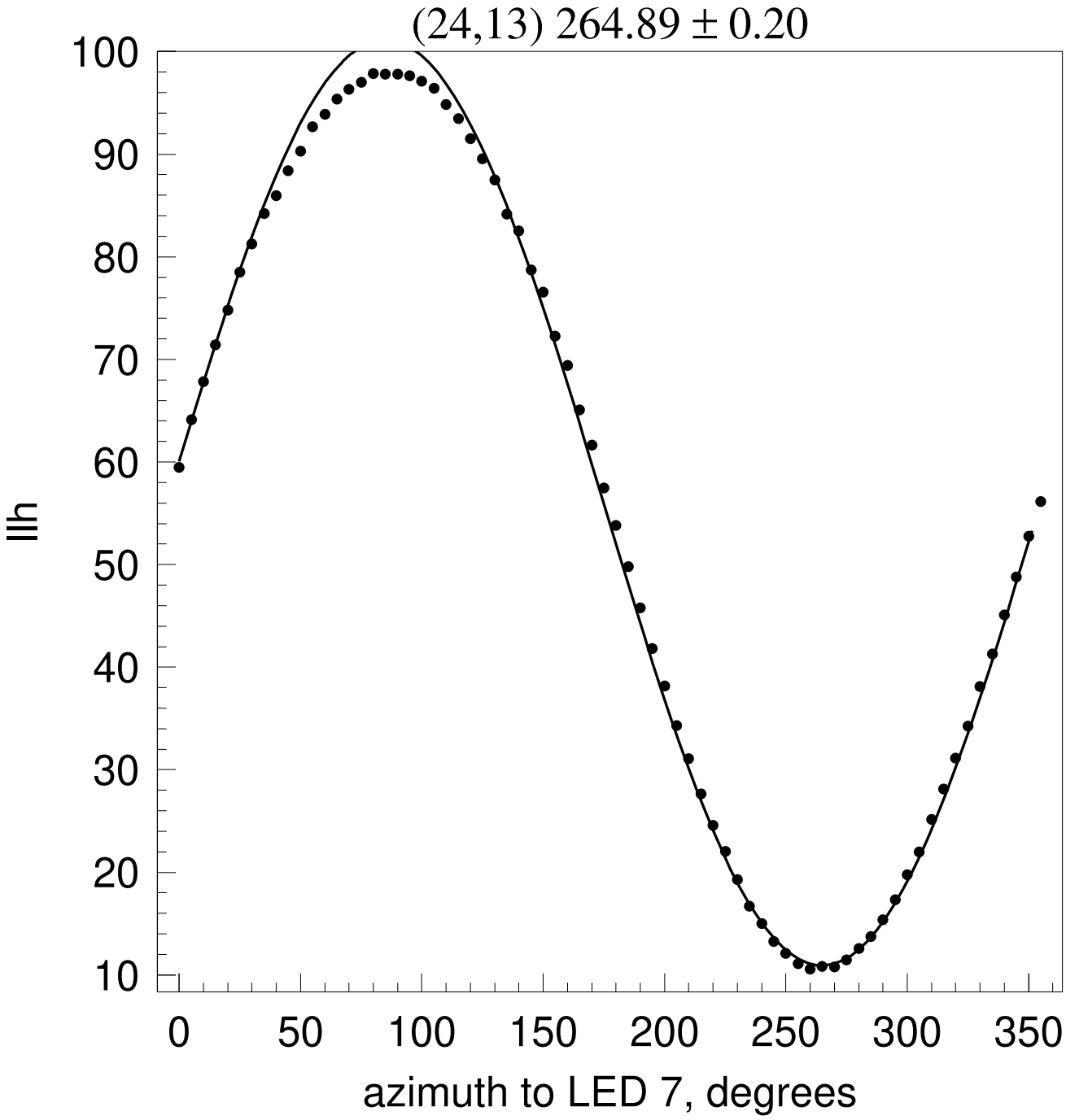

(24,8) 1.14 ± 0.40
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

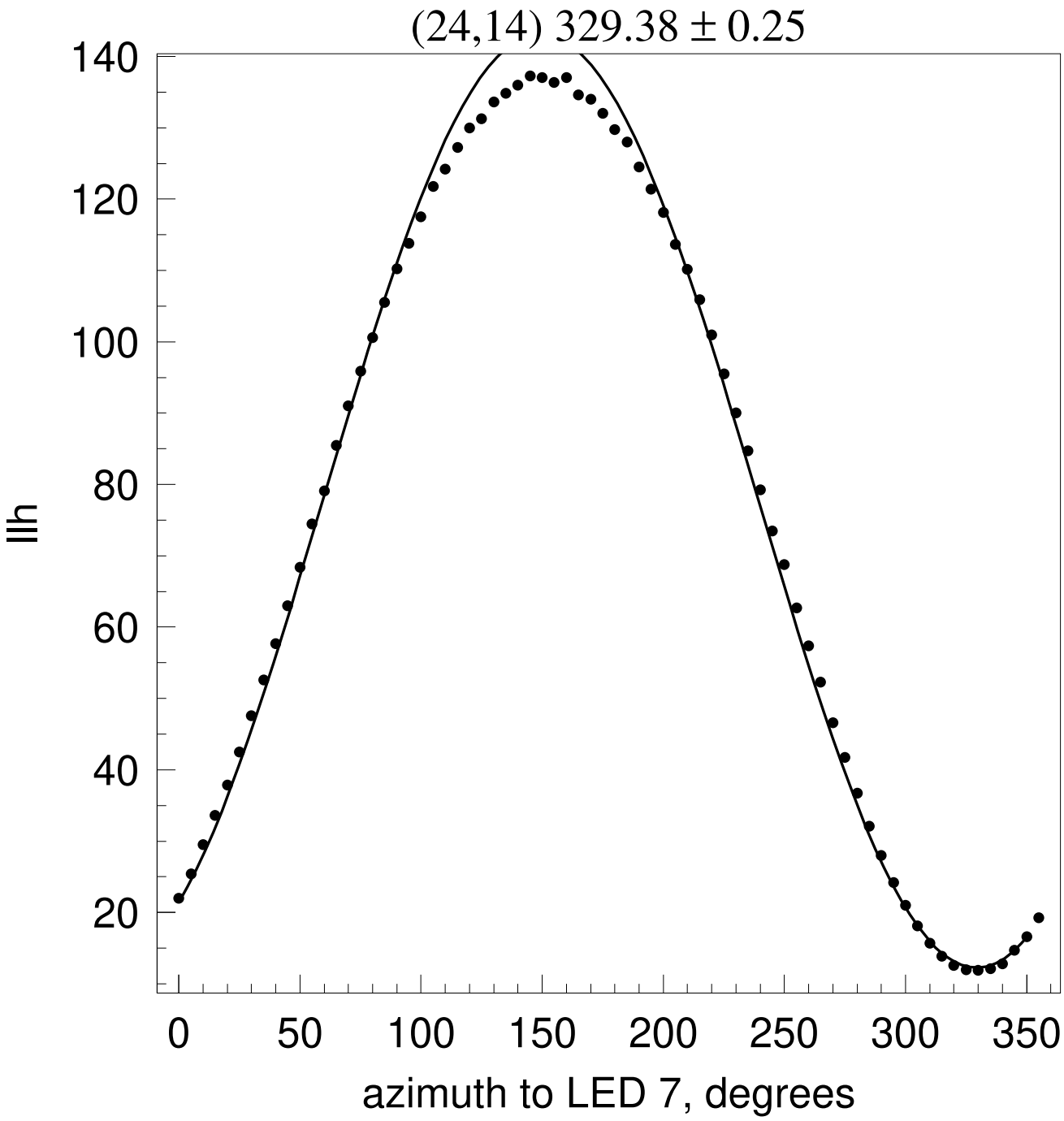

(24,9) 152.05 ± 0.29
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

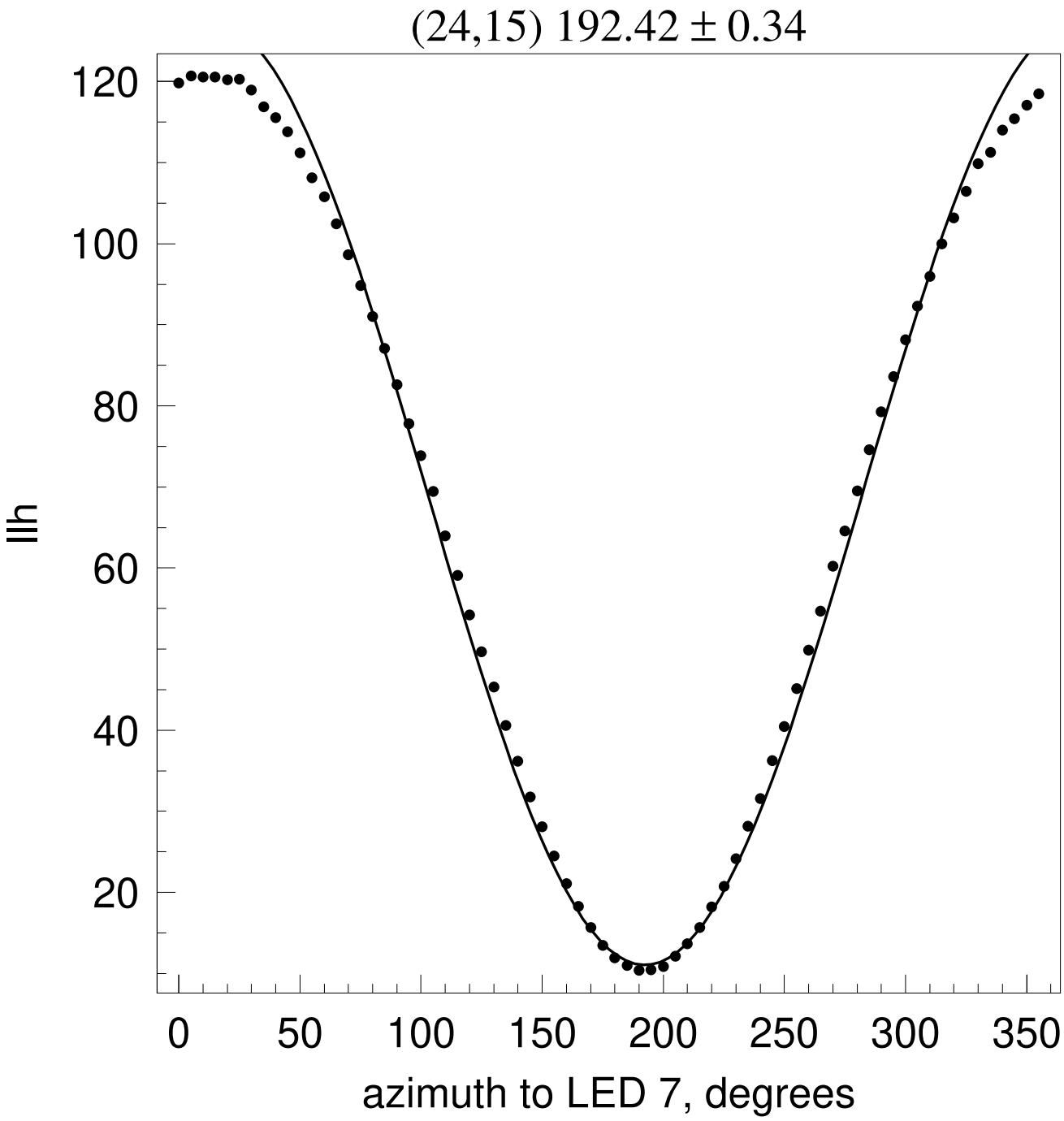

(24,10) 168.90 ± 0.29
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

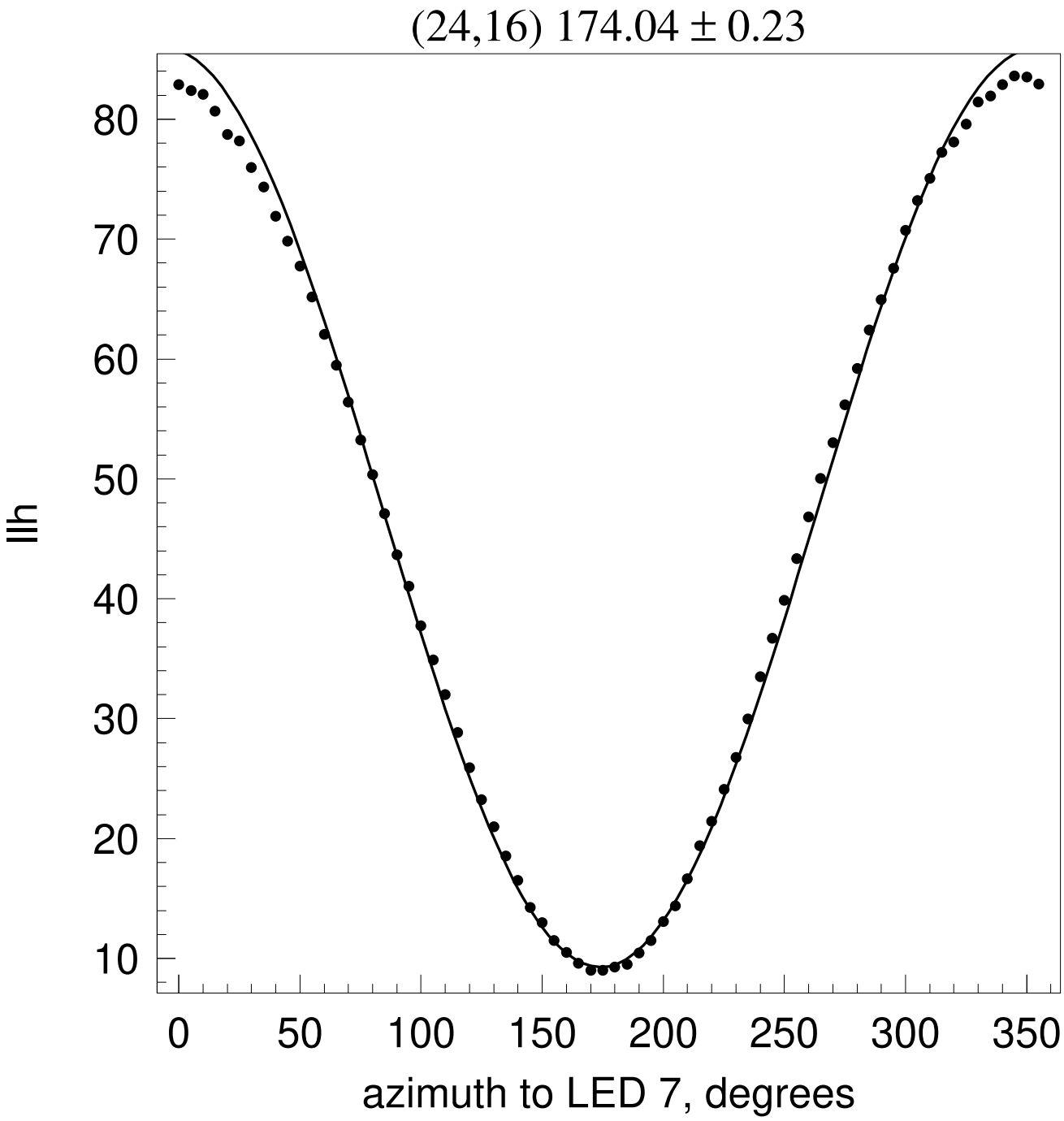

(24,11) 261.15 ± 0.17
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

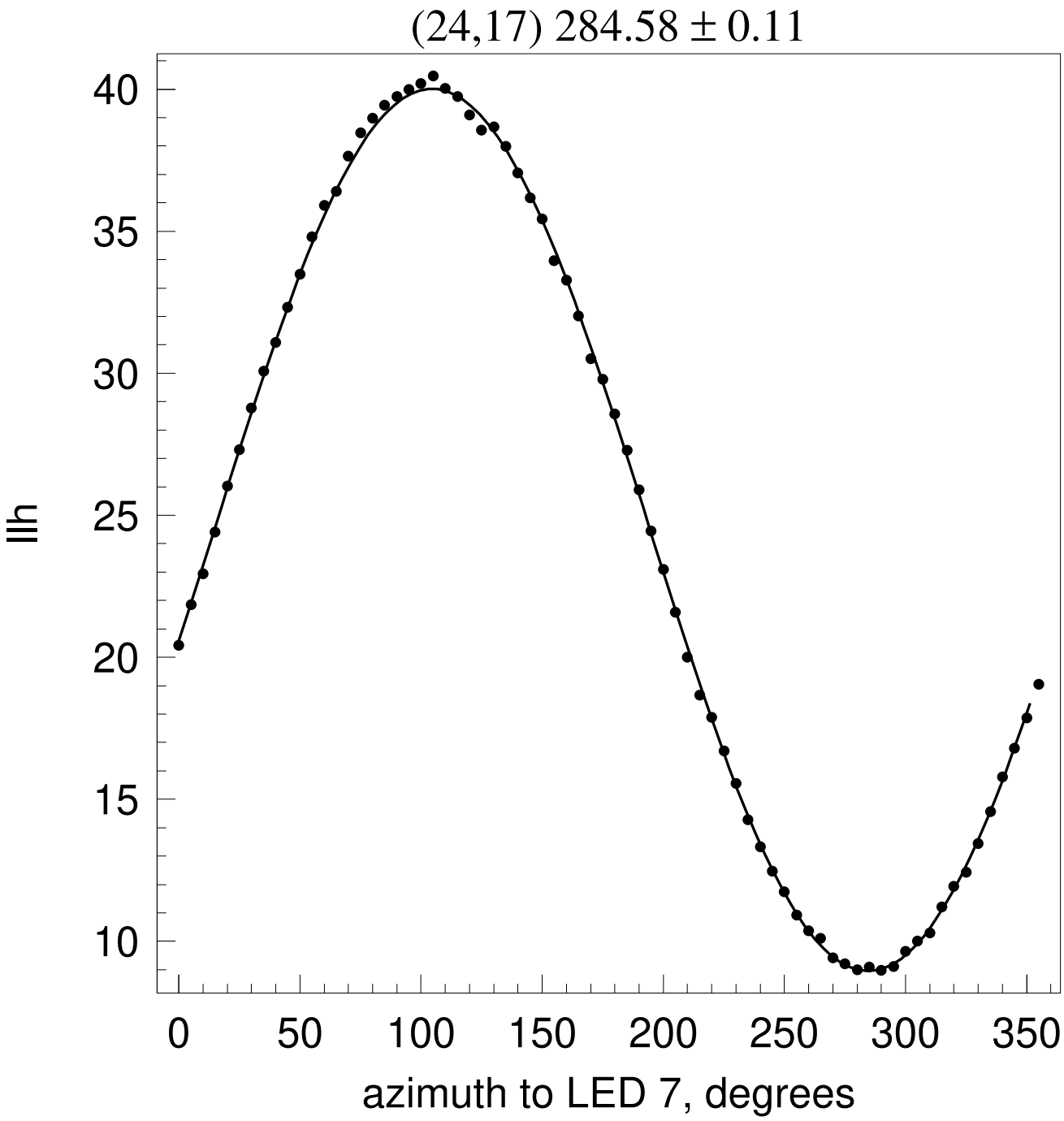

(24,12) 0.98 ± 0.22
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

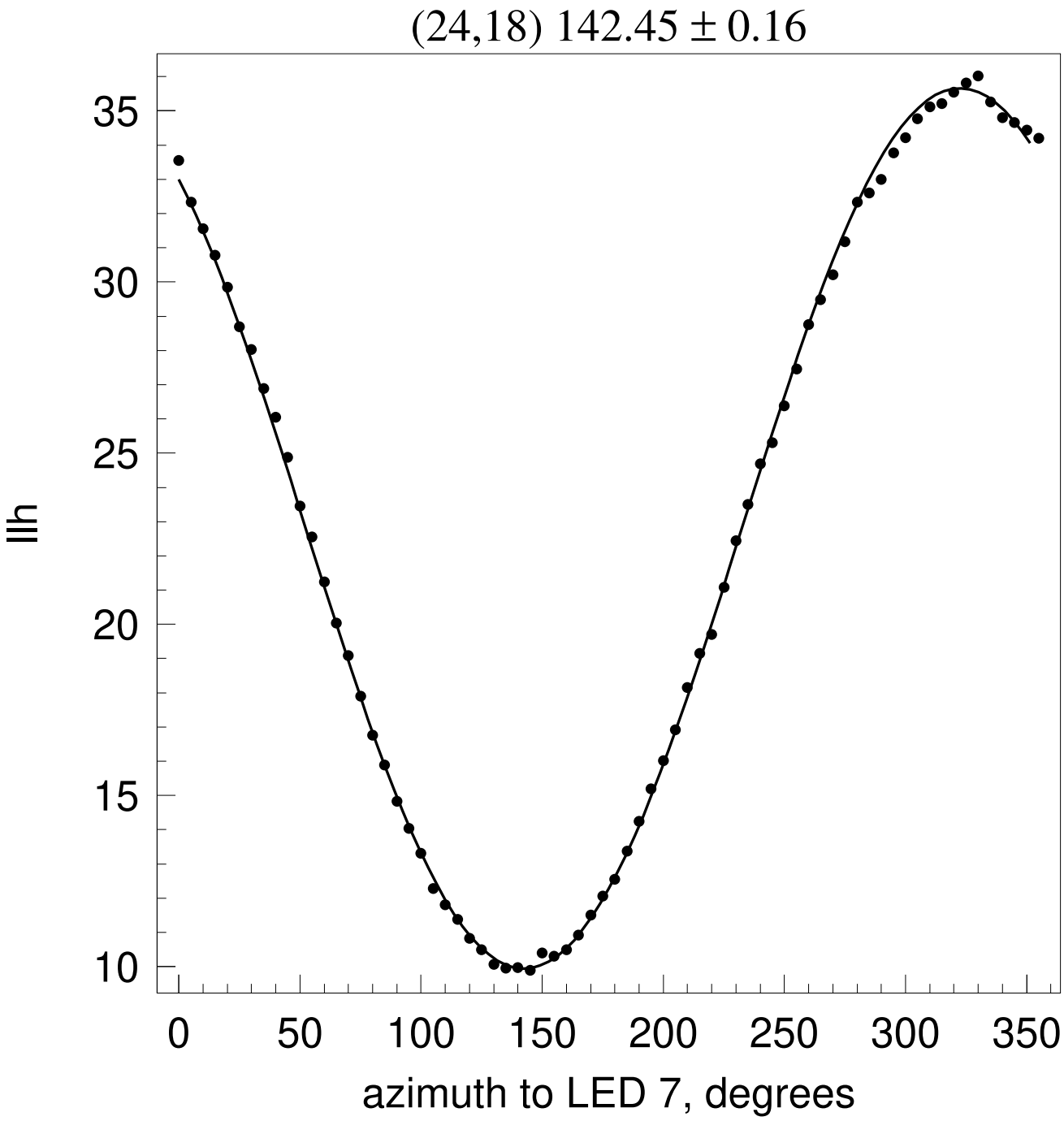

(24,13) 264.89 ± 0.20
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

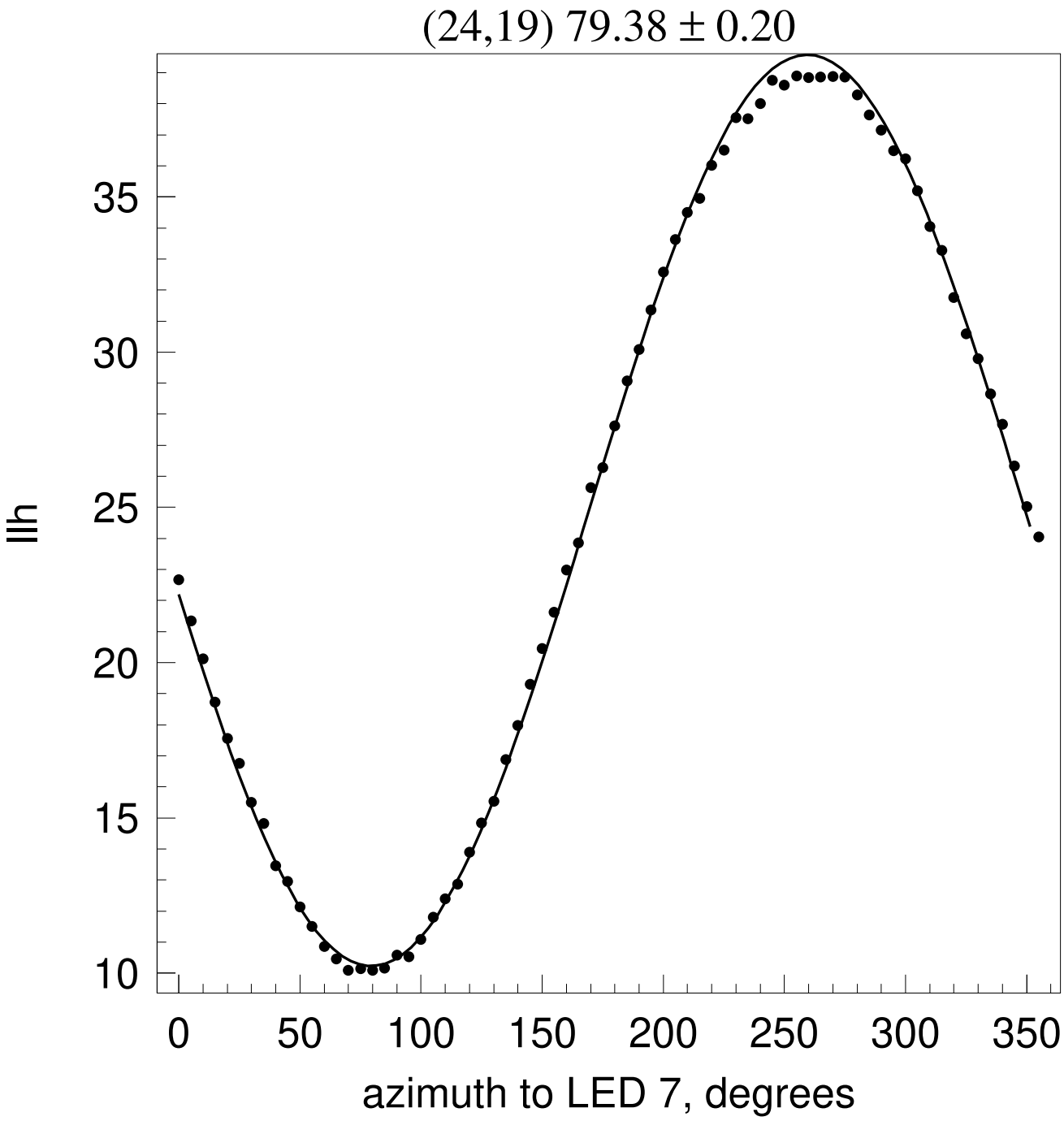

(24,14) 329.38 ± 0.25
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

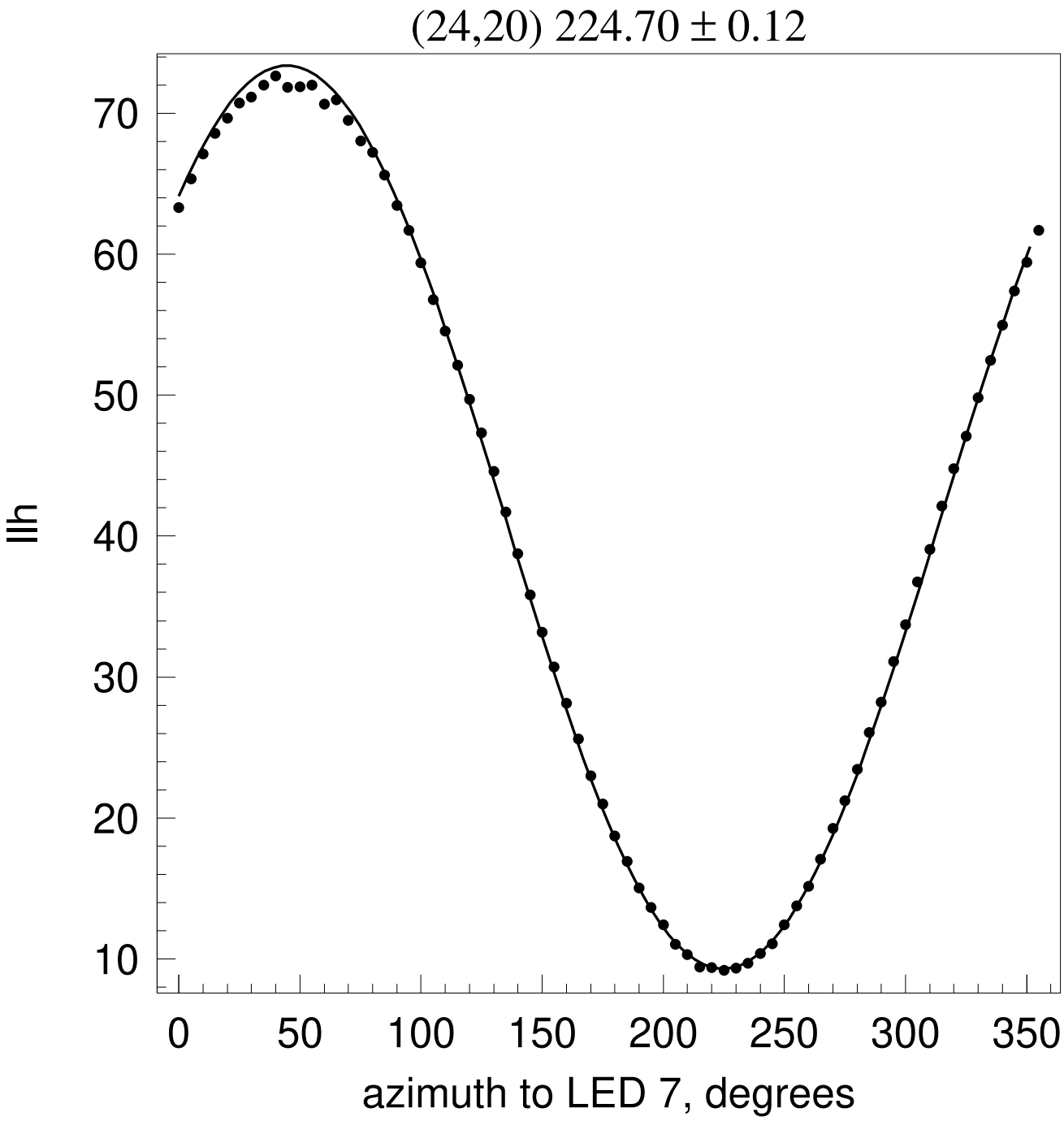

(24,15) 192.42 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

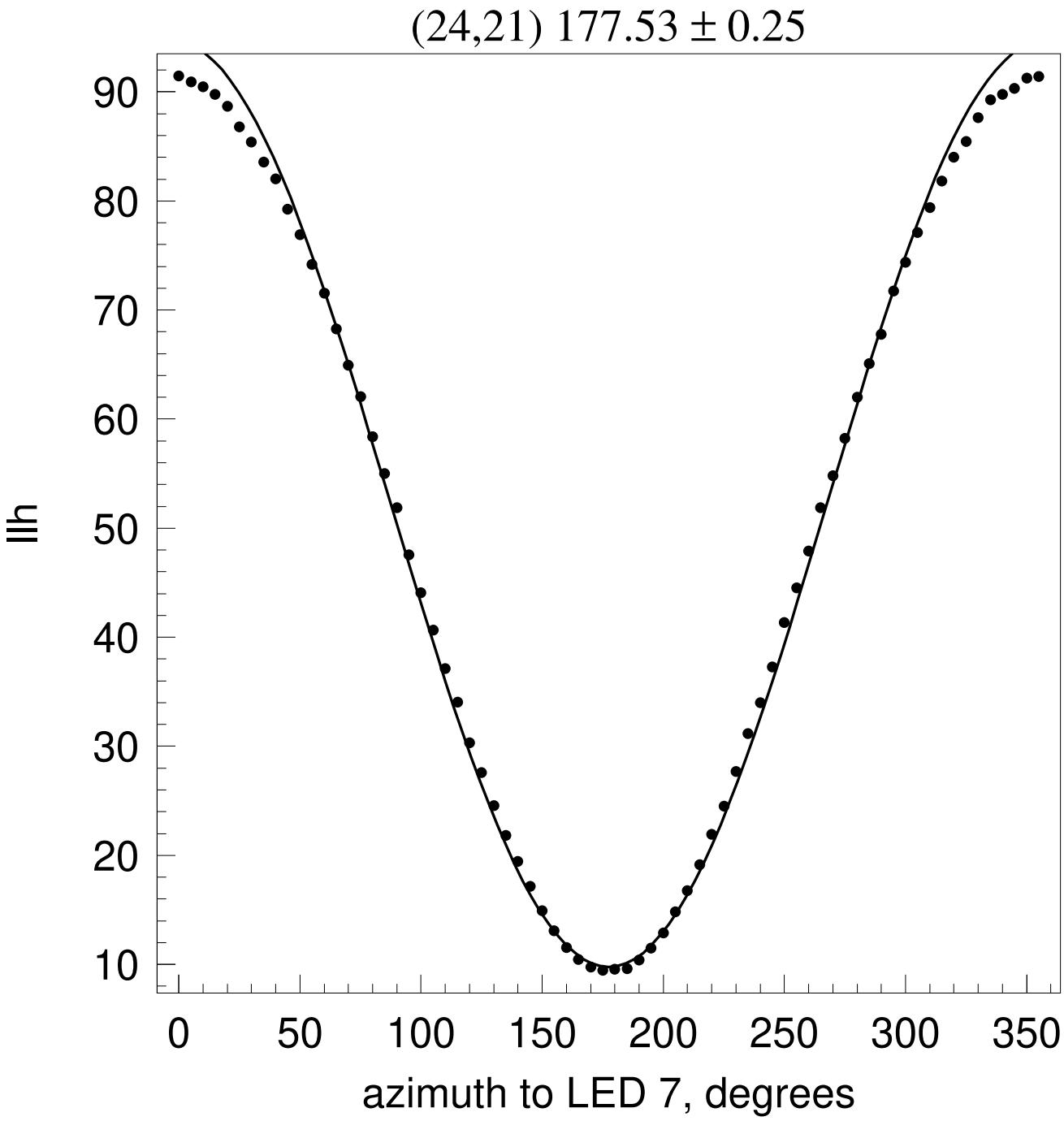

(24,16) 174.04 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

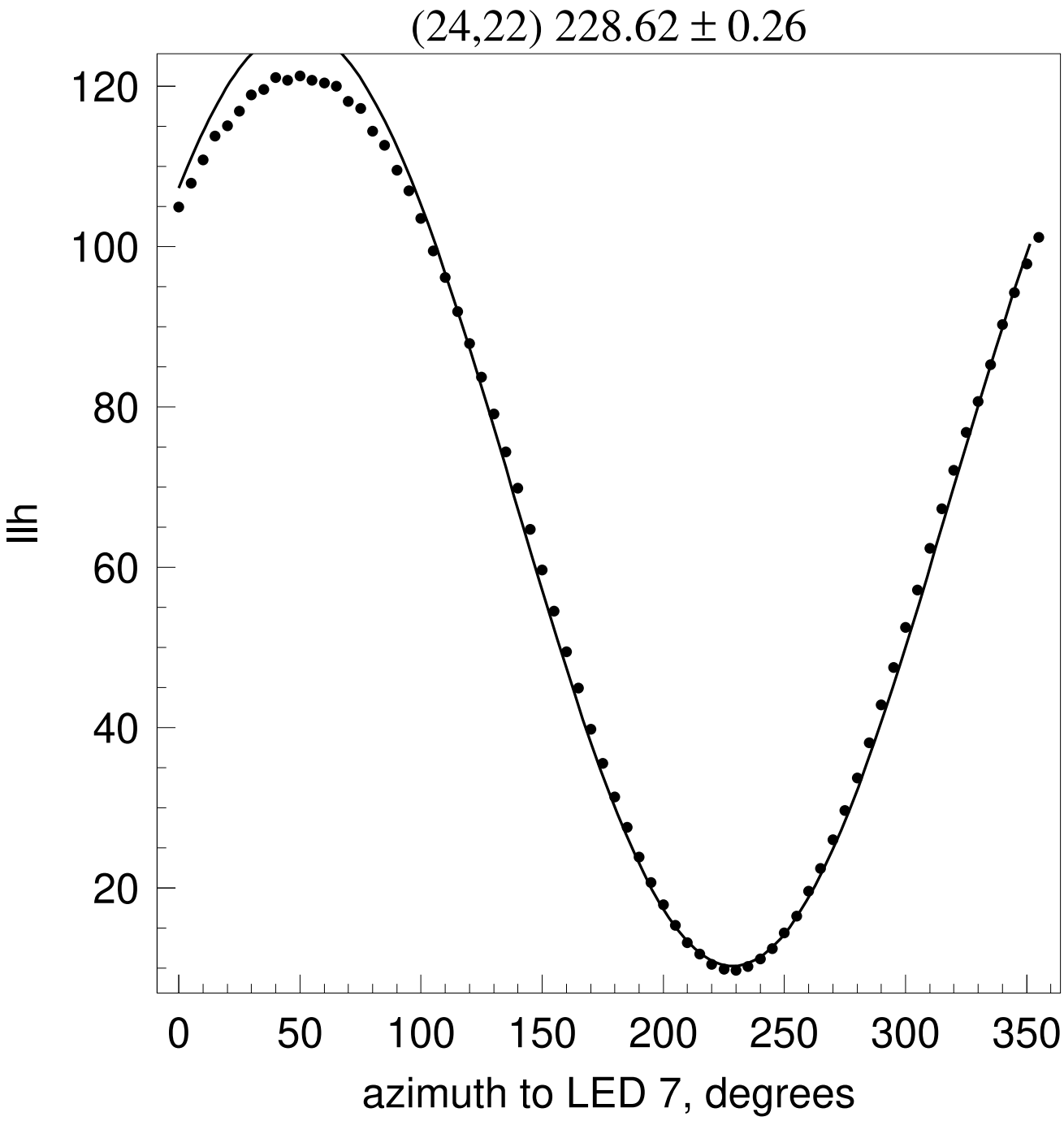

(24,17) 284.58 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

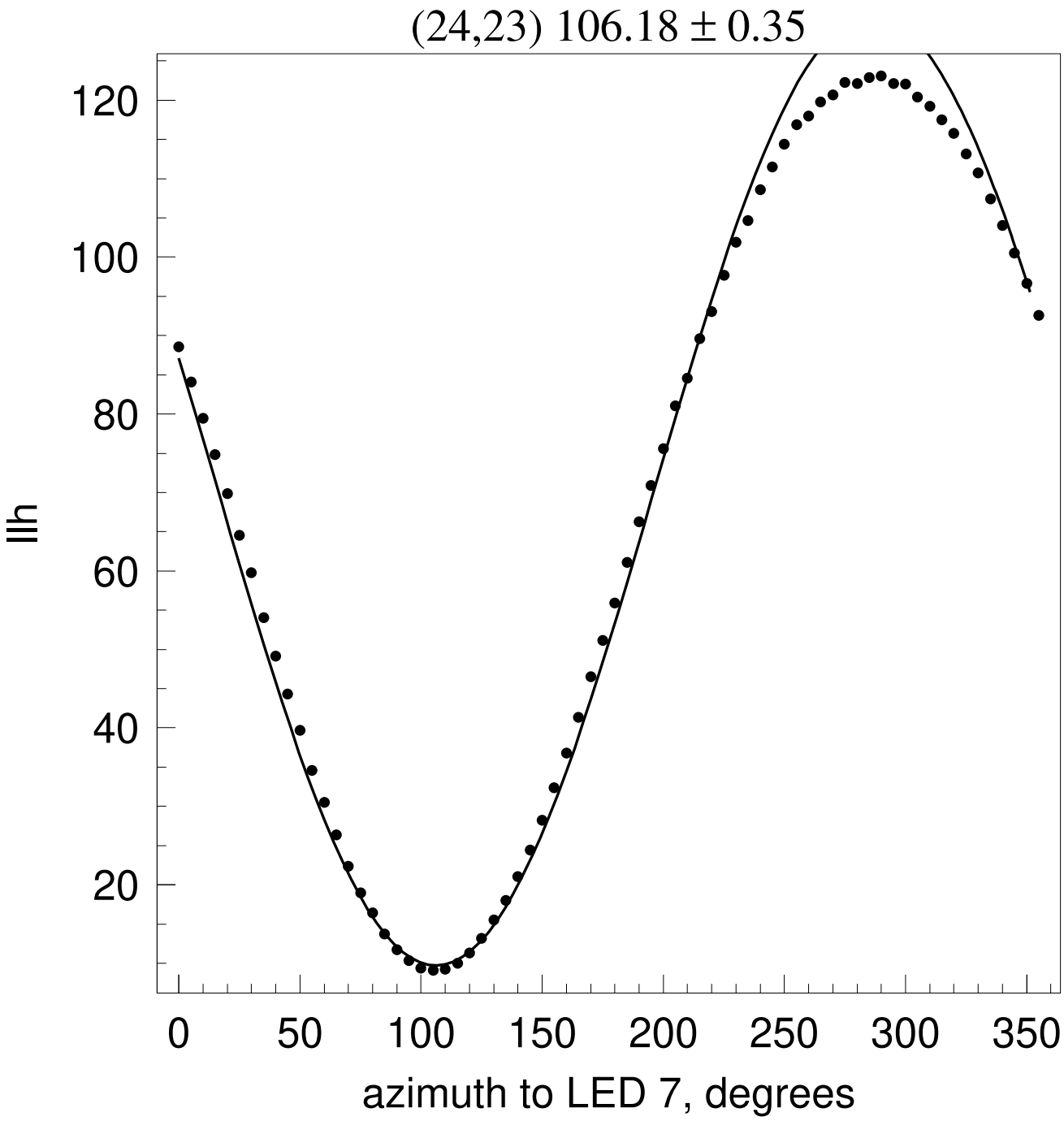

(24,18) 142.45 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

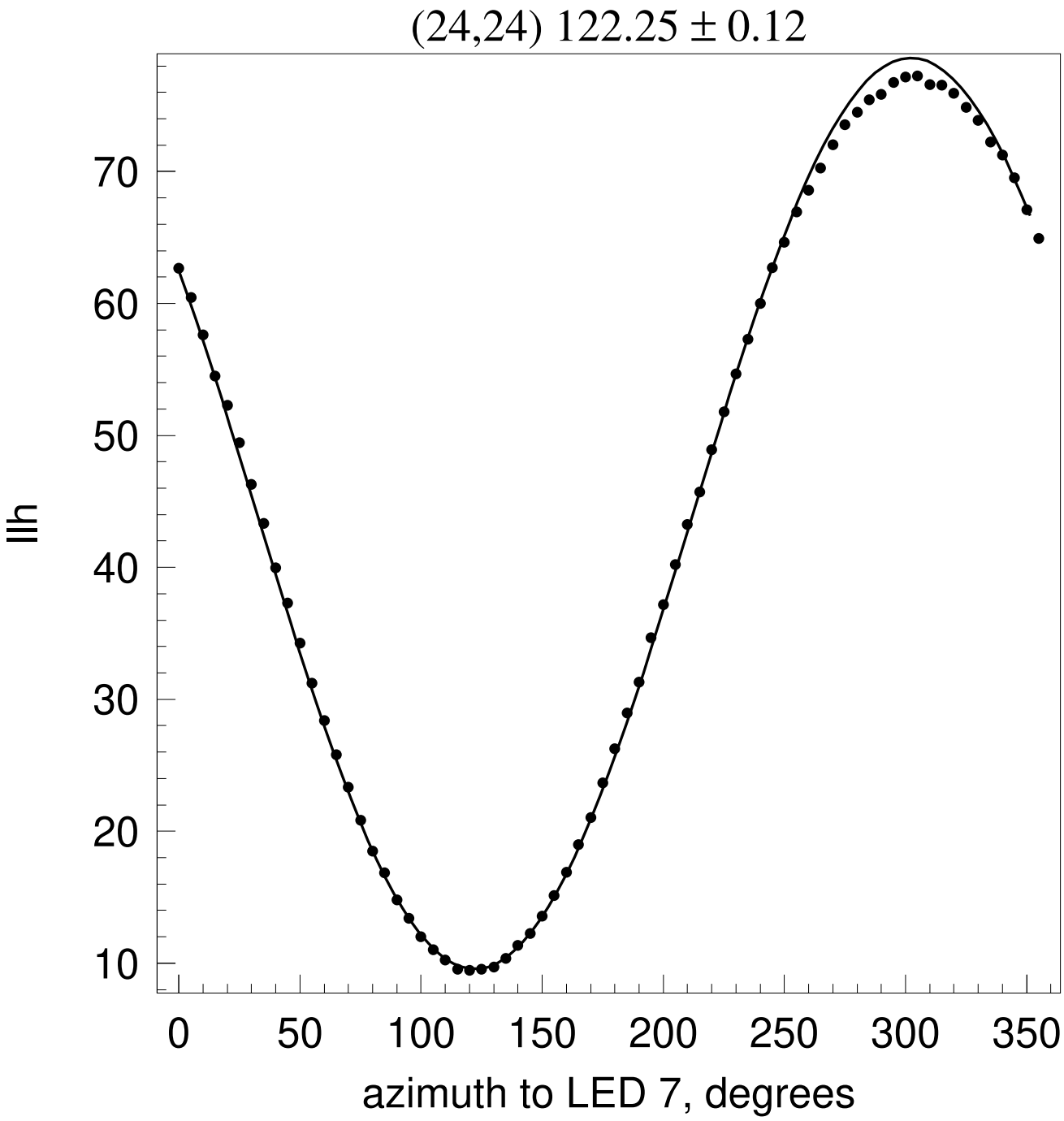

(24,19) 79.38 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

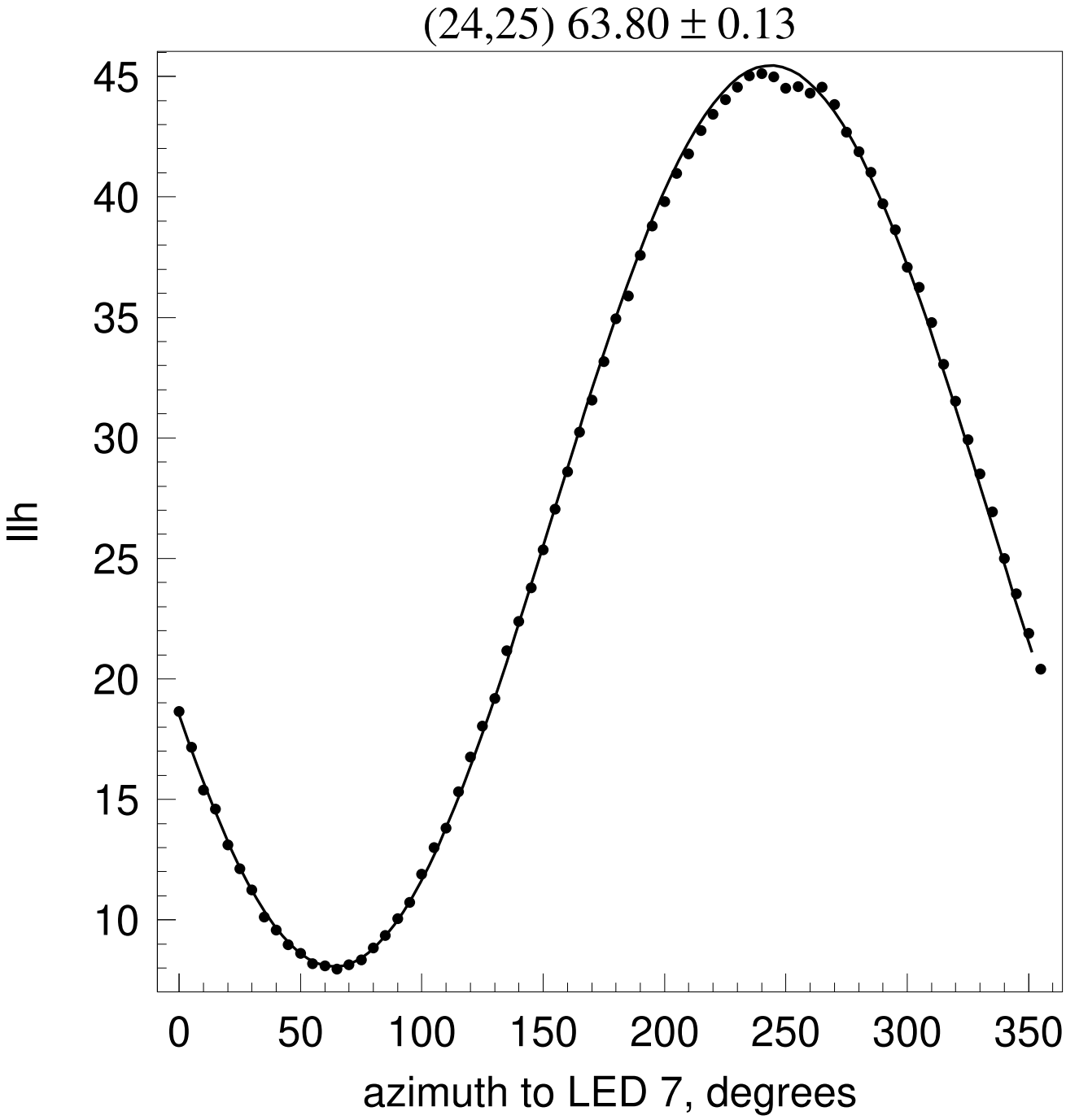

(24,20) 224.70 ± 0.12
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

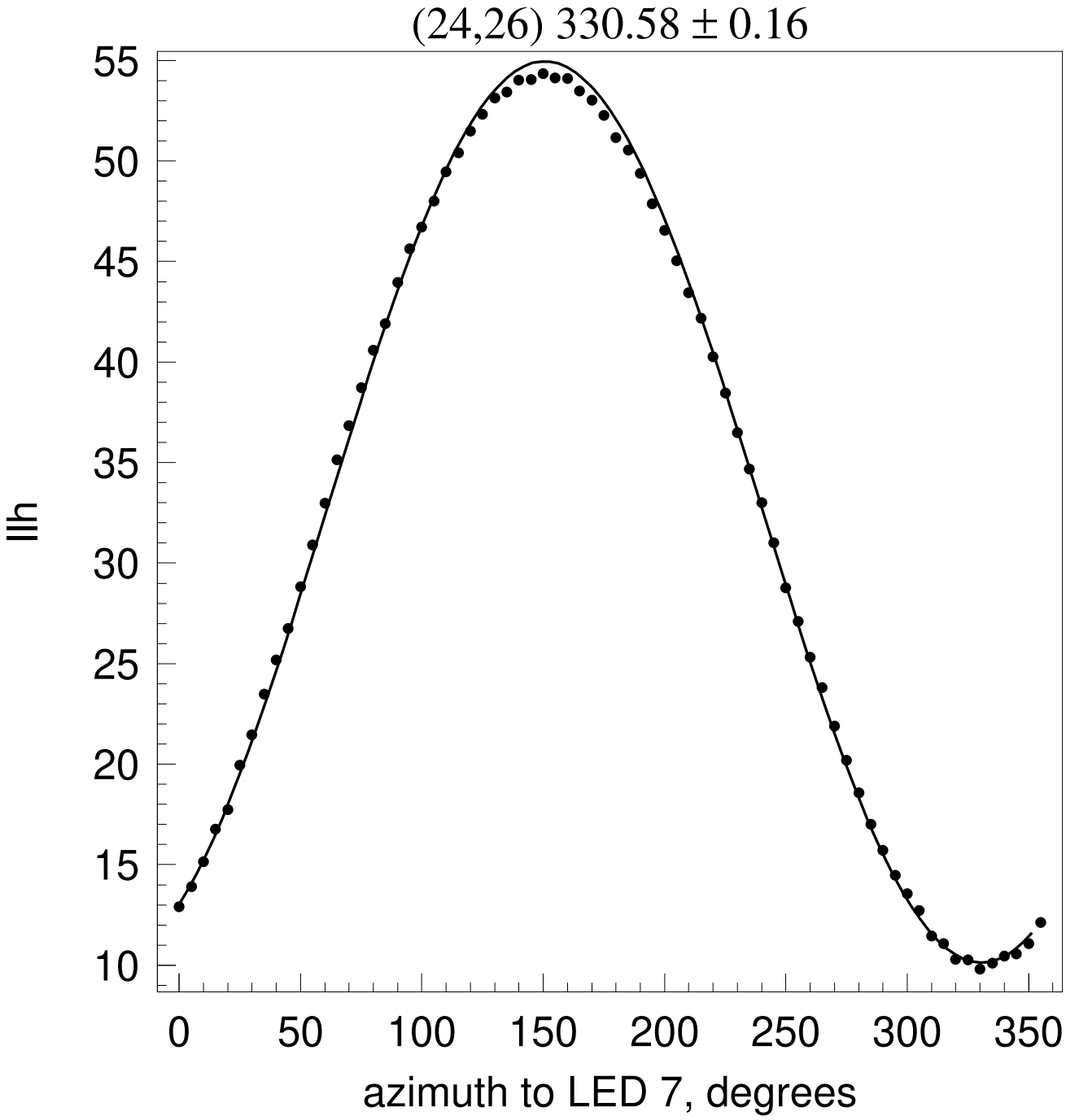

(24,21) 177.53 ± 0.25
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

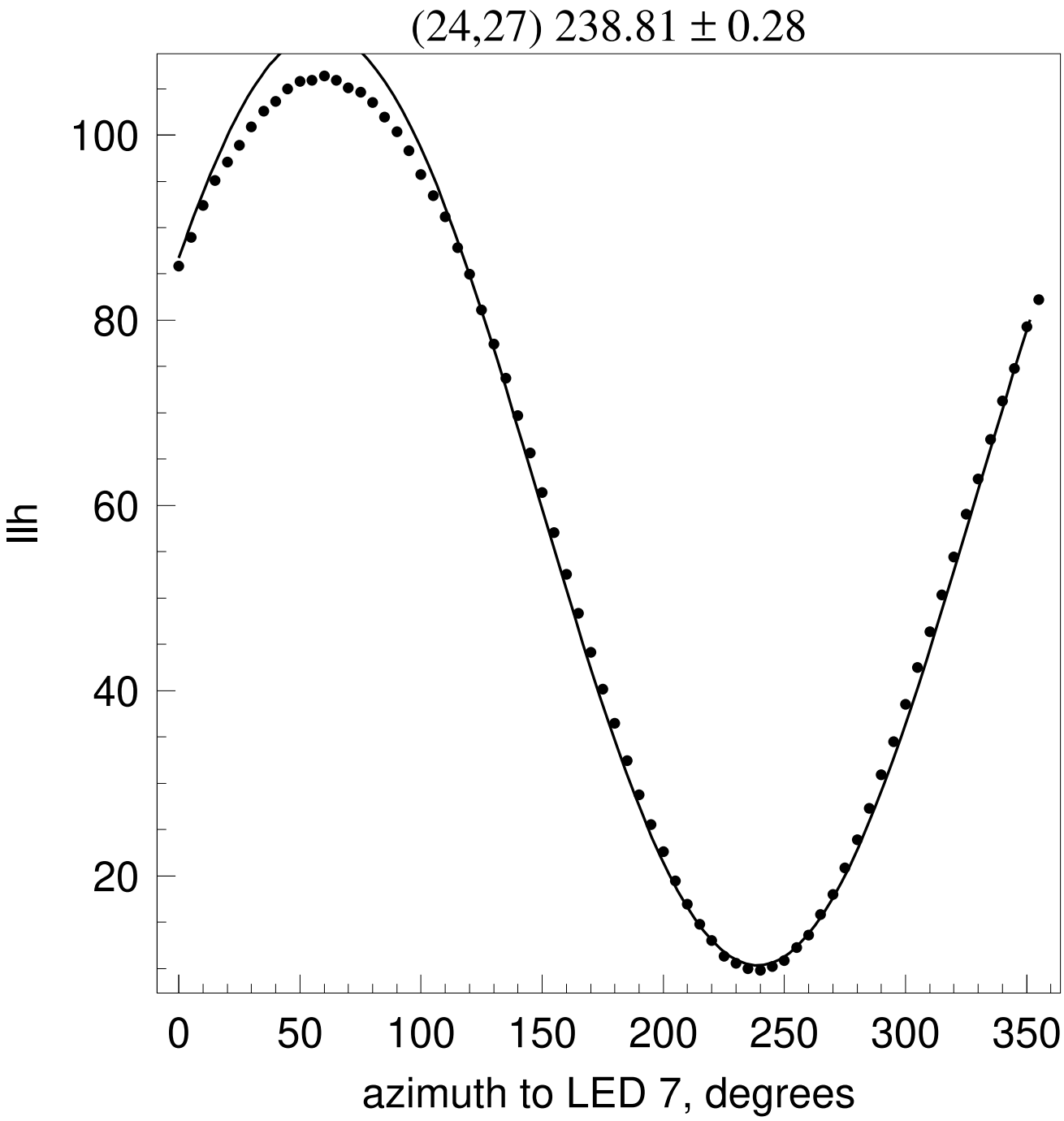

(24,22) 228.62 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

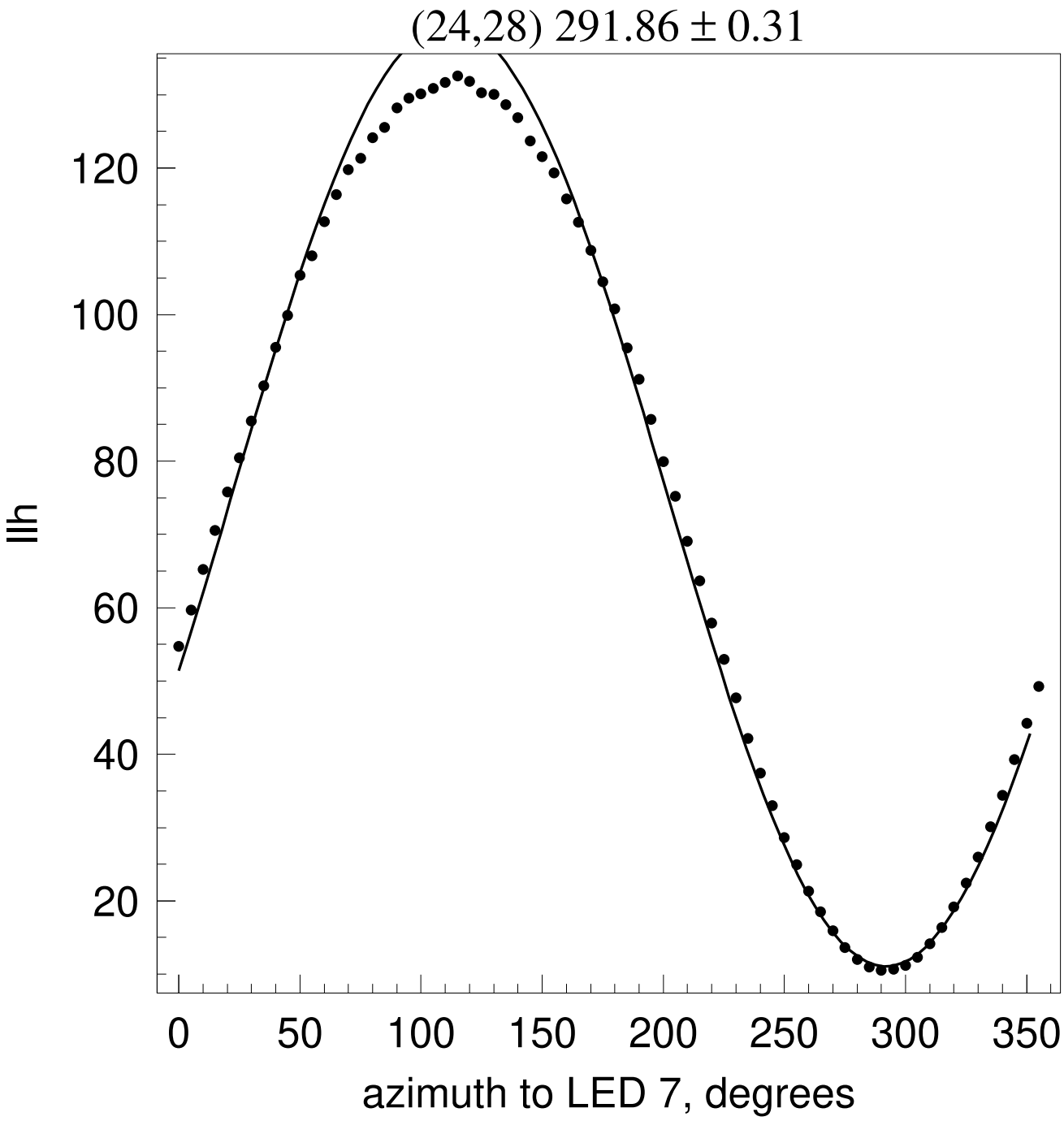

(24,23) 106.18 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

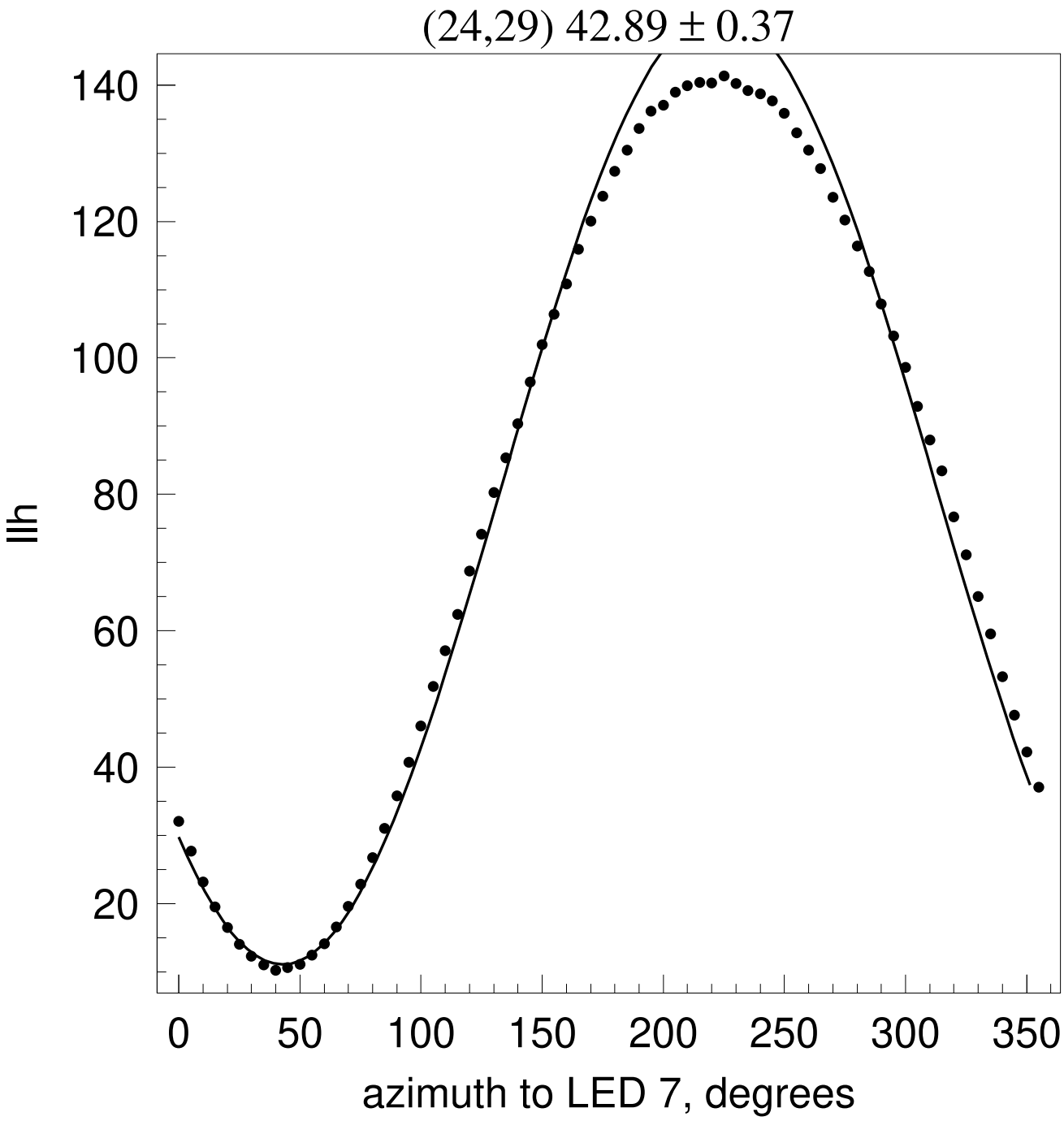

(24,24) 122.25 ± 0.12
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

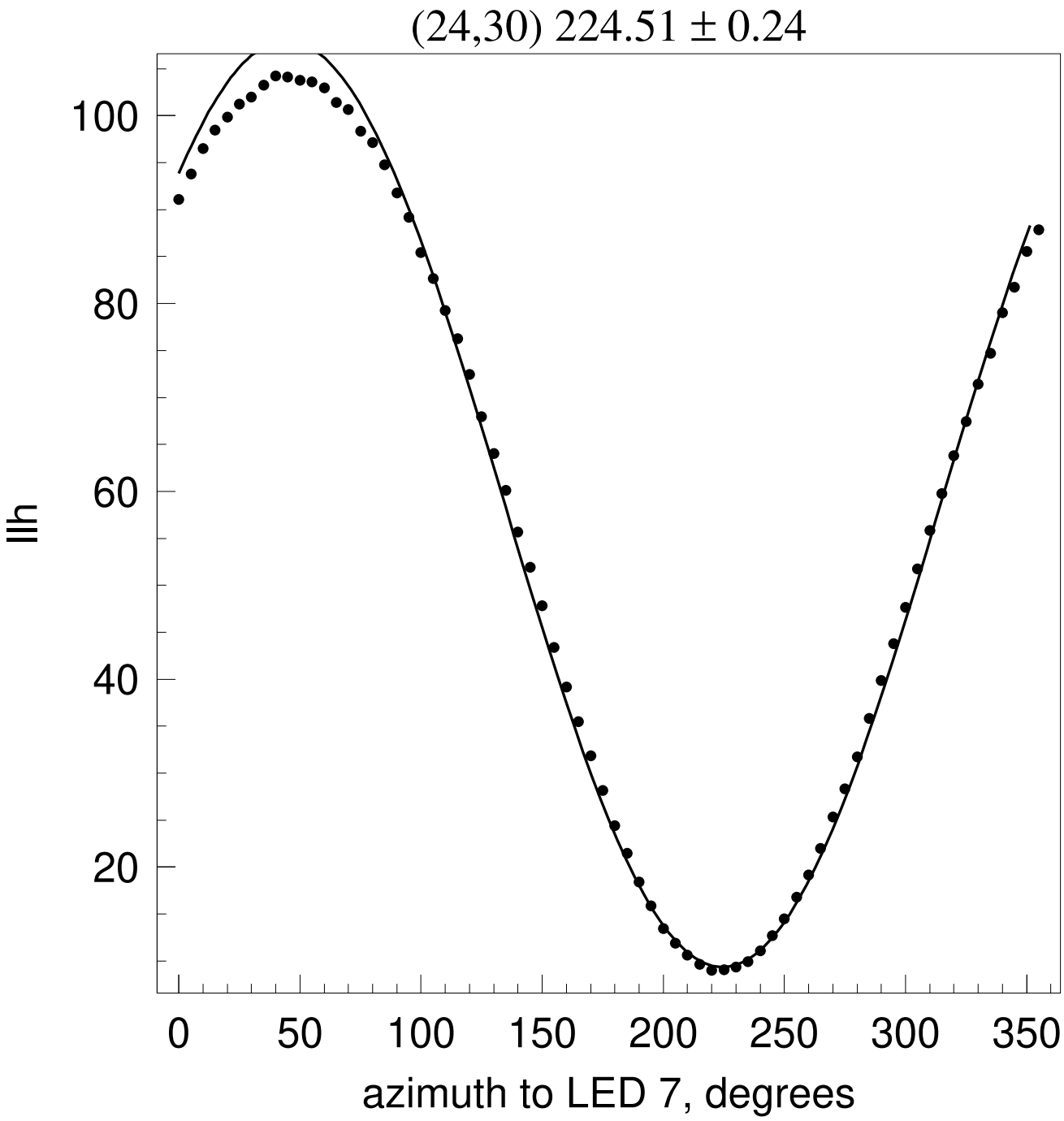

(24,25) 63.80 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

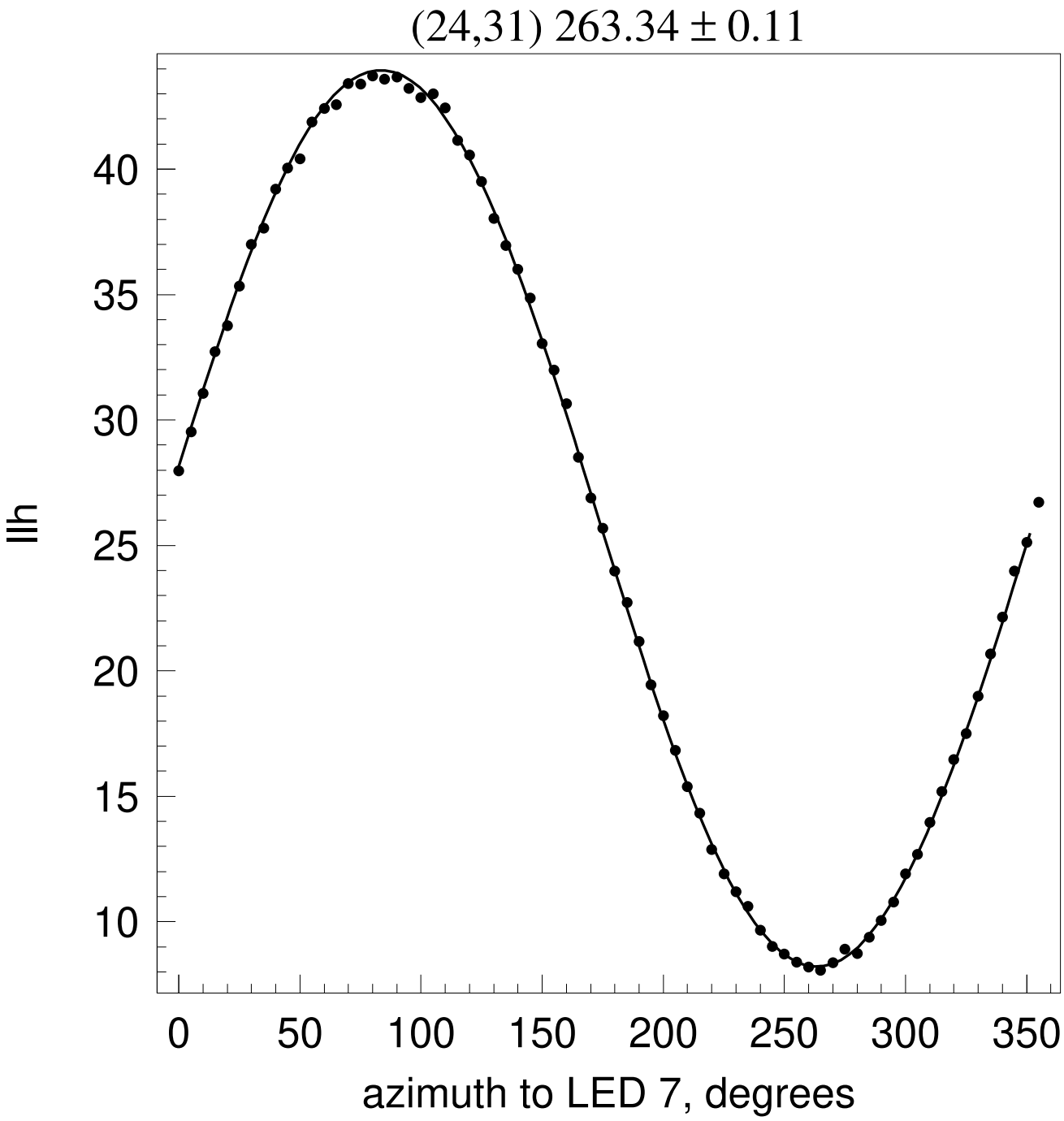

(24,26) 330.58 ± 0.16
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

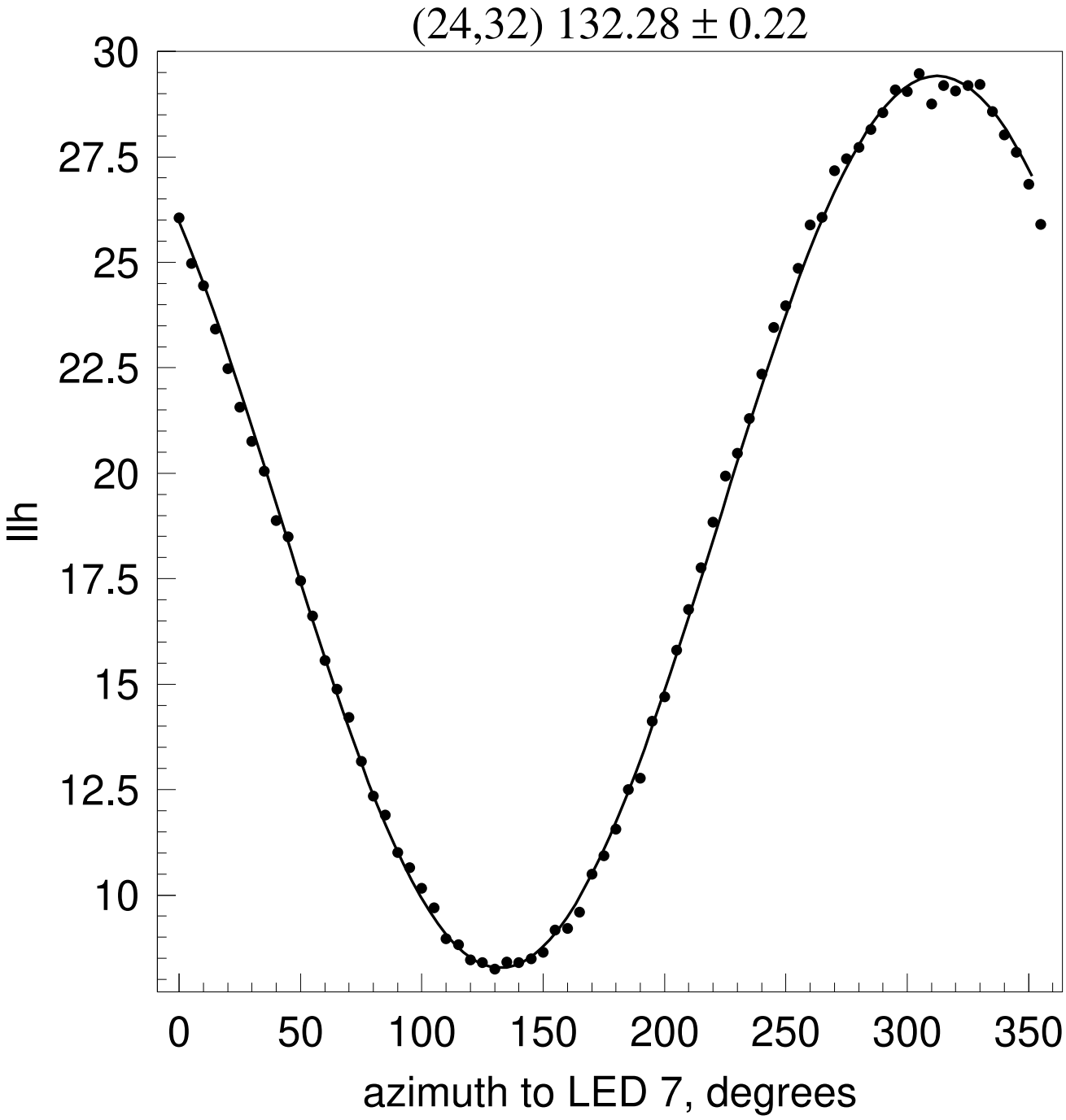

(24,27) 238.81 ± 0.28
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

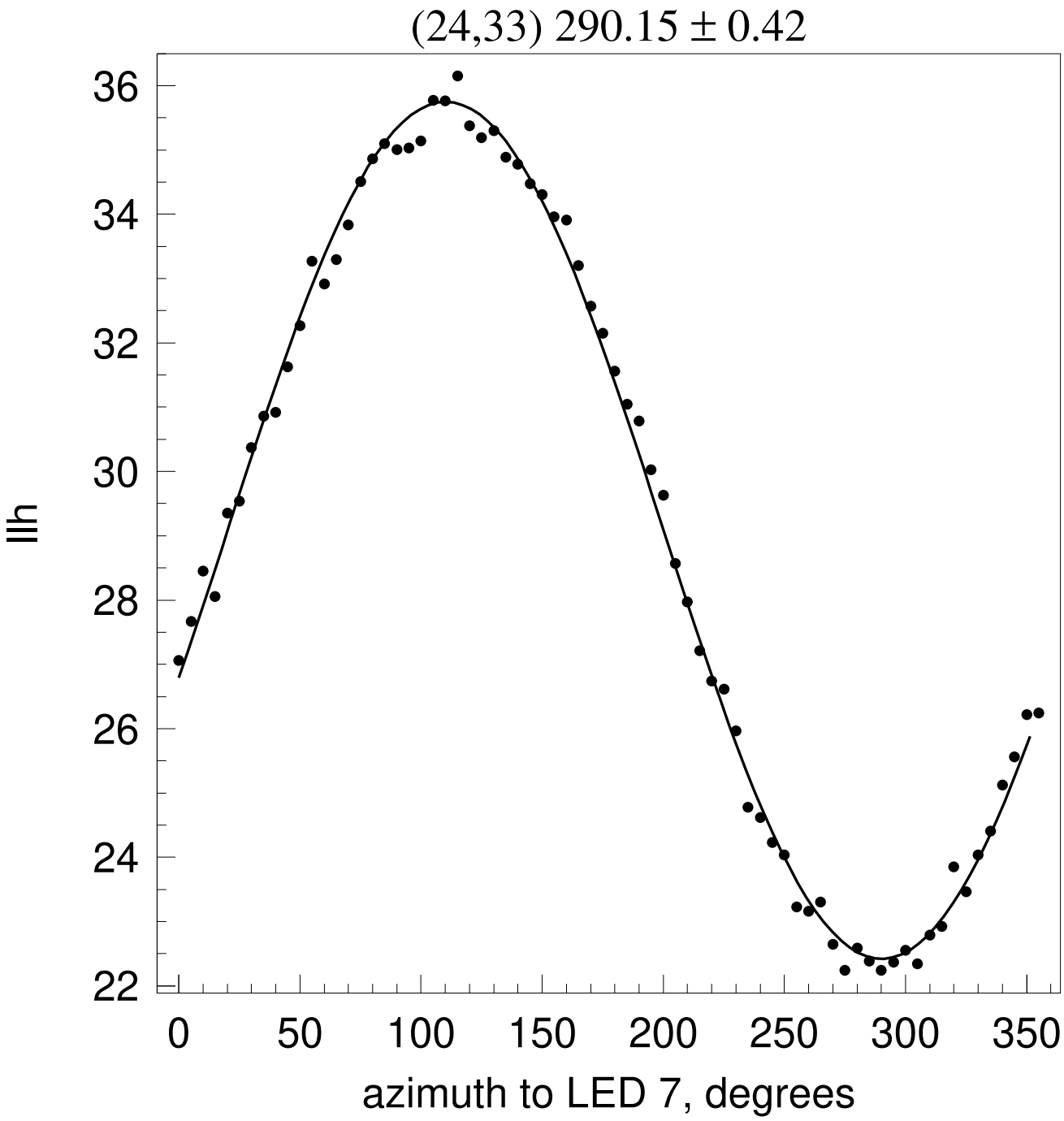

(24,28) 291.86 ± 0.31
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

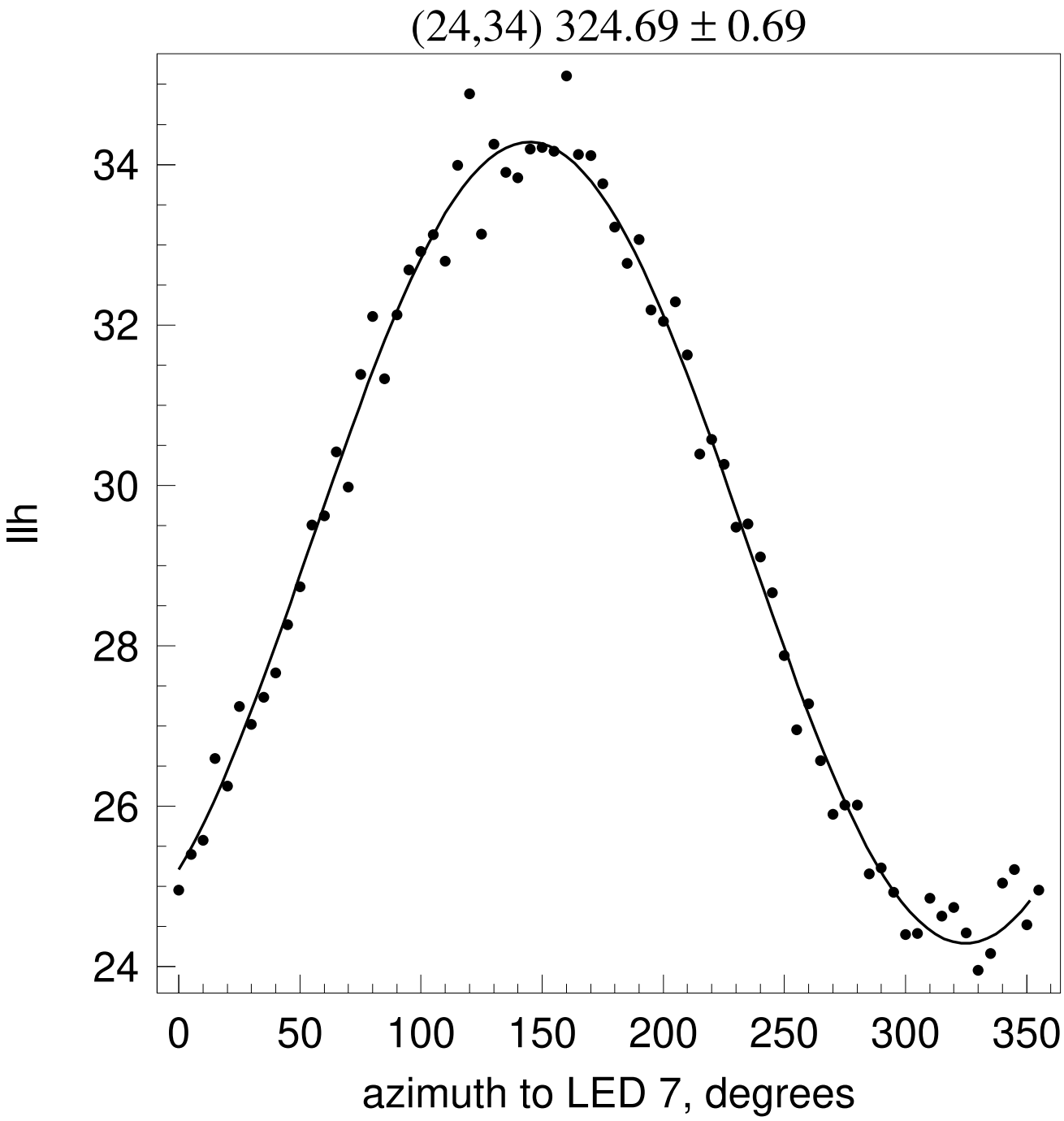

(24,29) 42.89 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

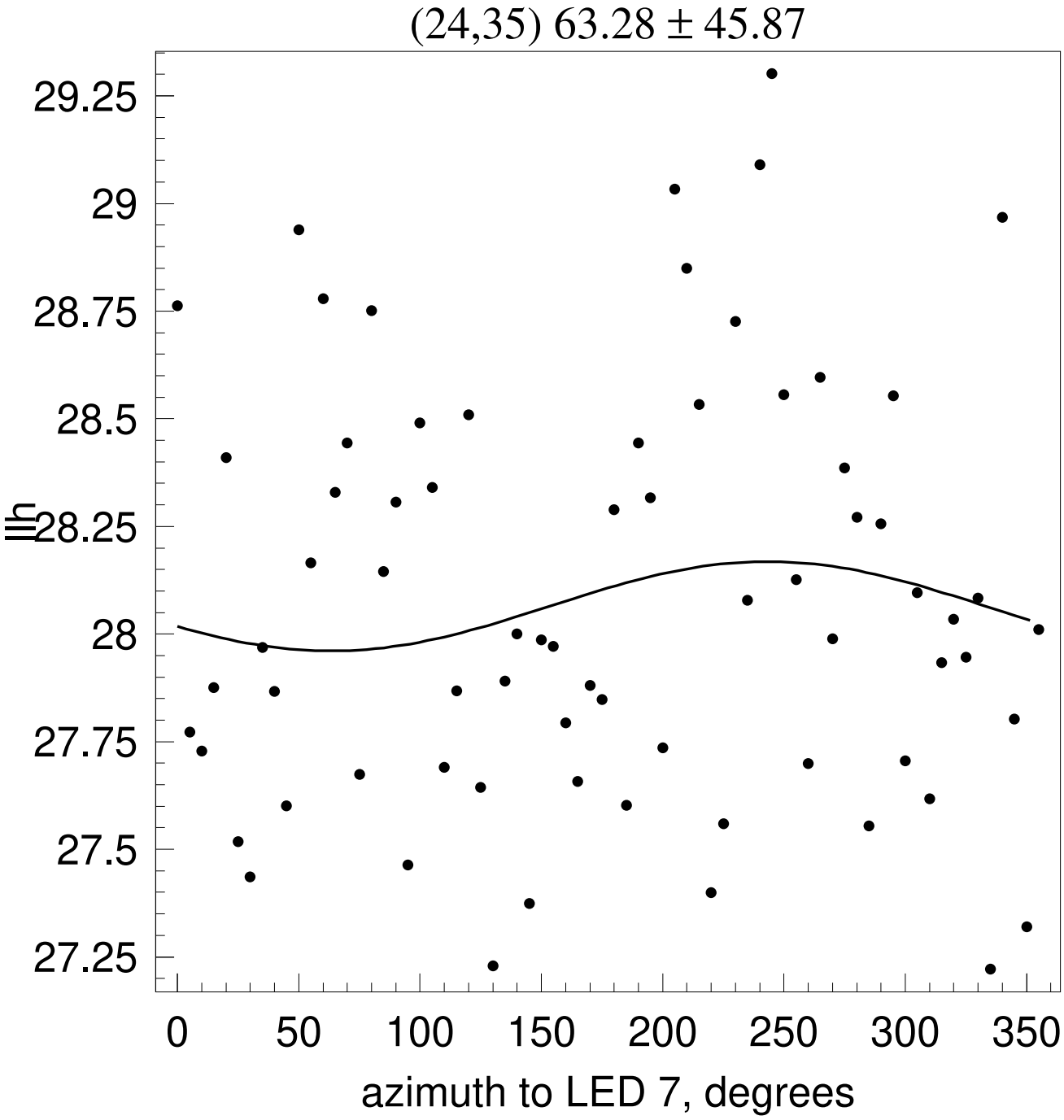

(24,30) 224.51 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

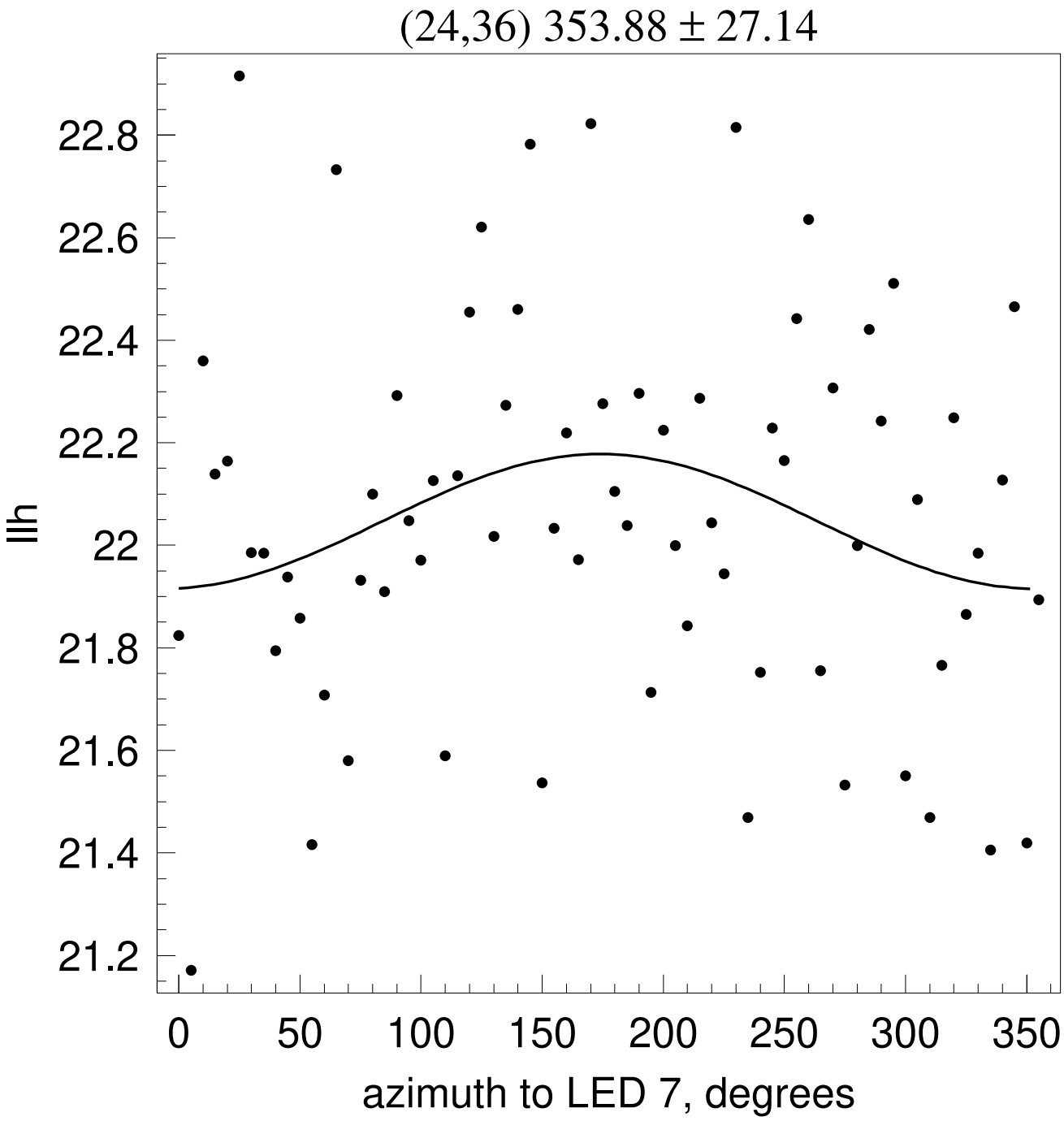

(24,31) 263.34 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

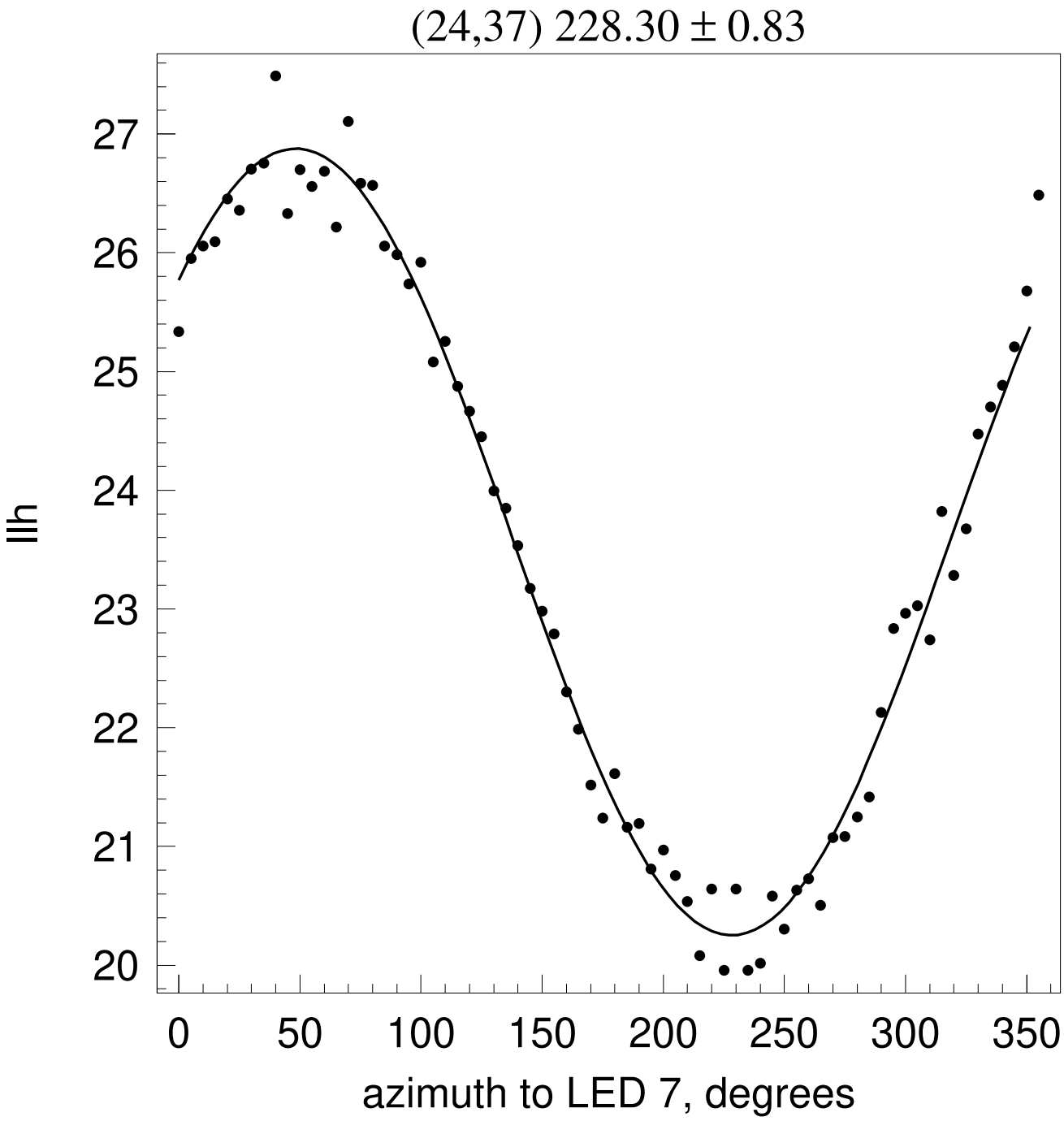

(24,32) 132.28 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

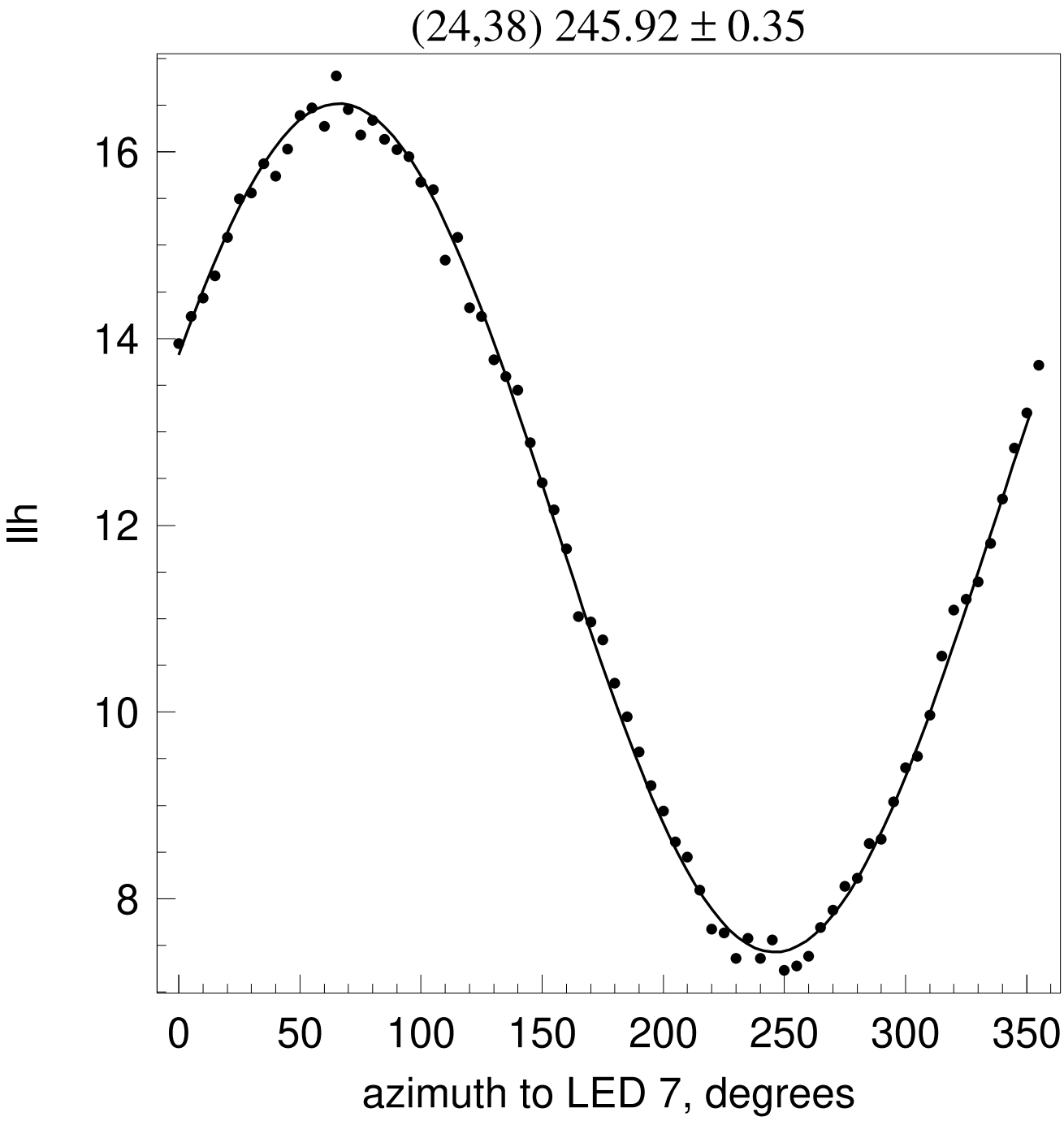

(24,33) 290.15 ± 0.42
36
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

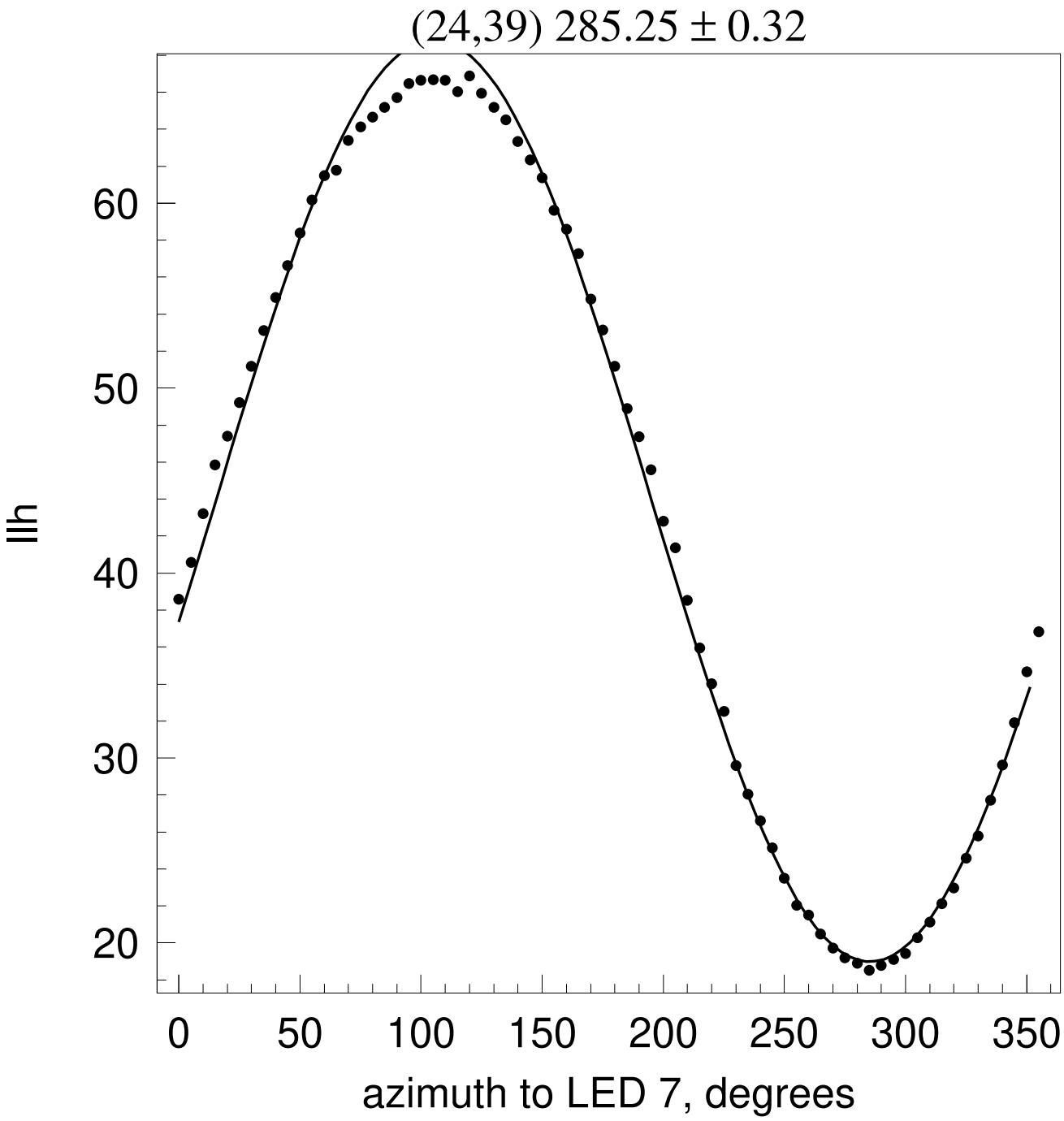

(24,34) 324.69 ± 0.69
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

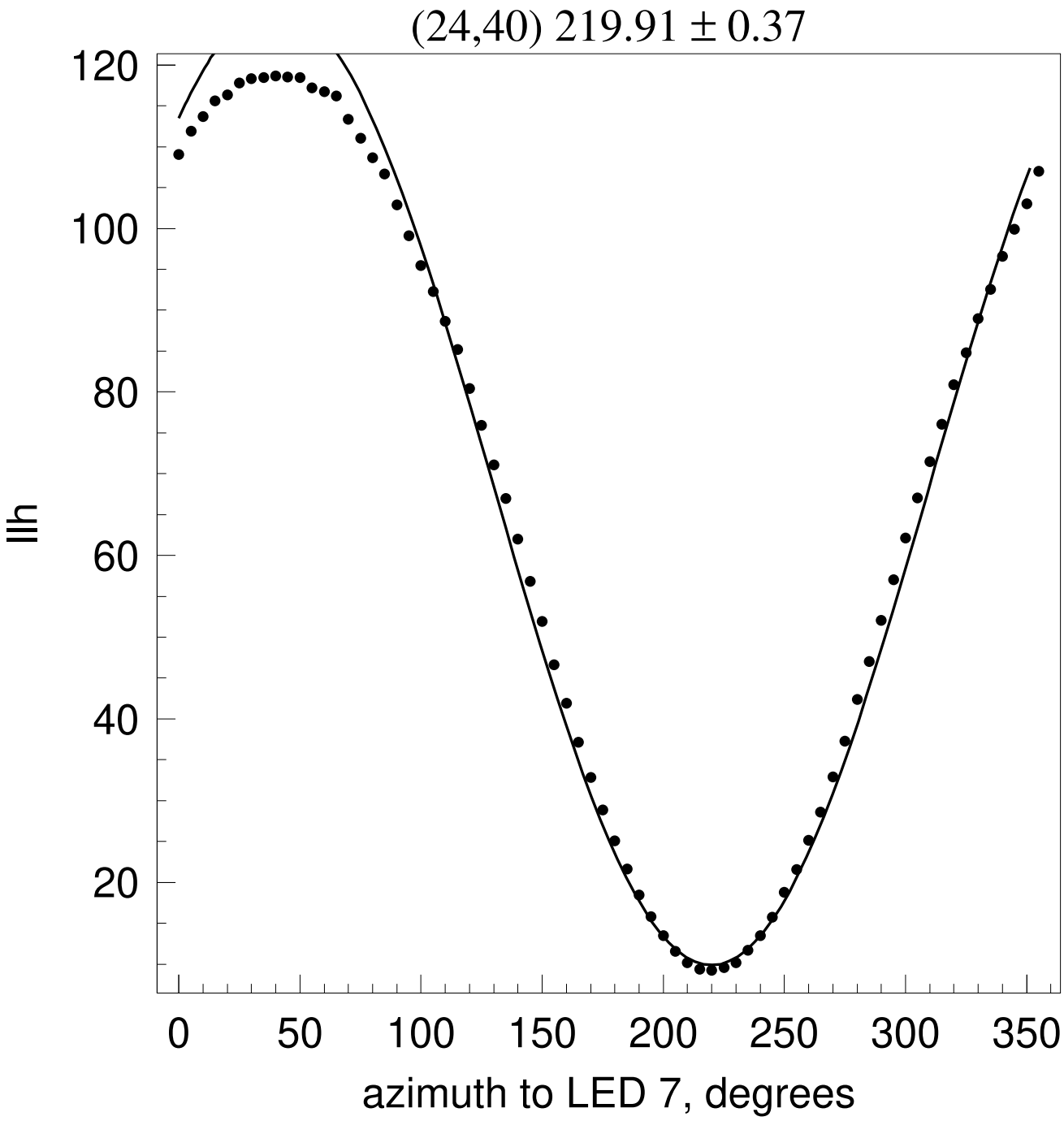

(24,35) 63.28 ± 45.87
29.25
29
28.75
28.5
28.25
28
27.75
27.5
27.25
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

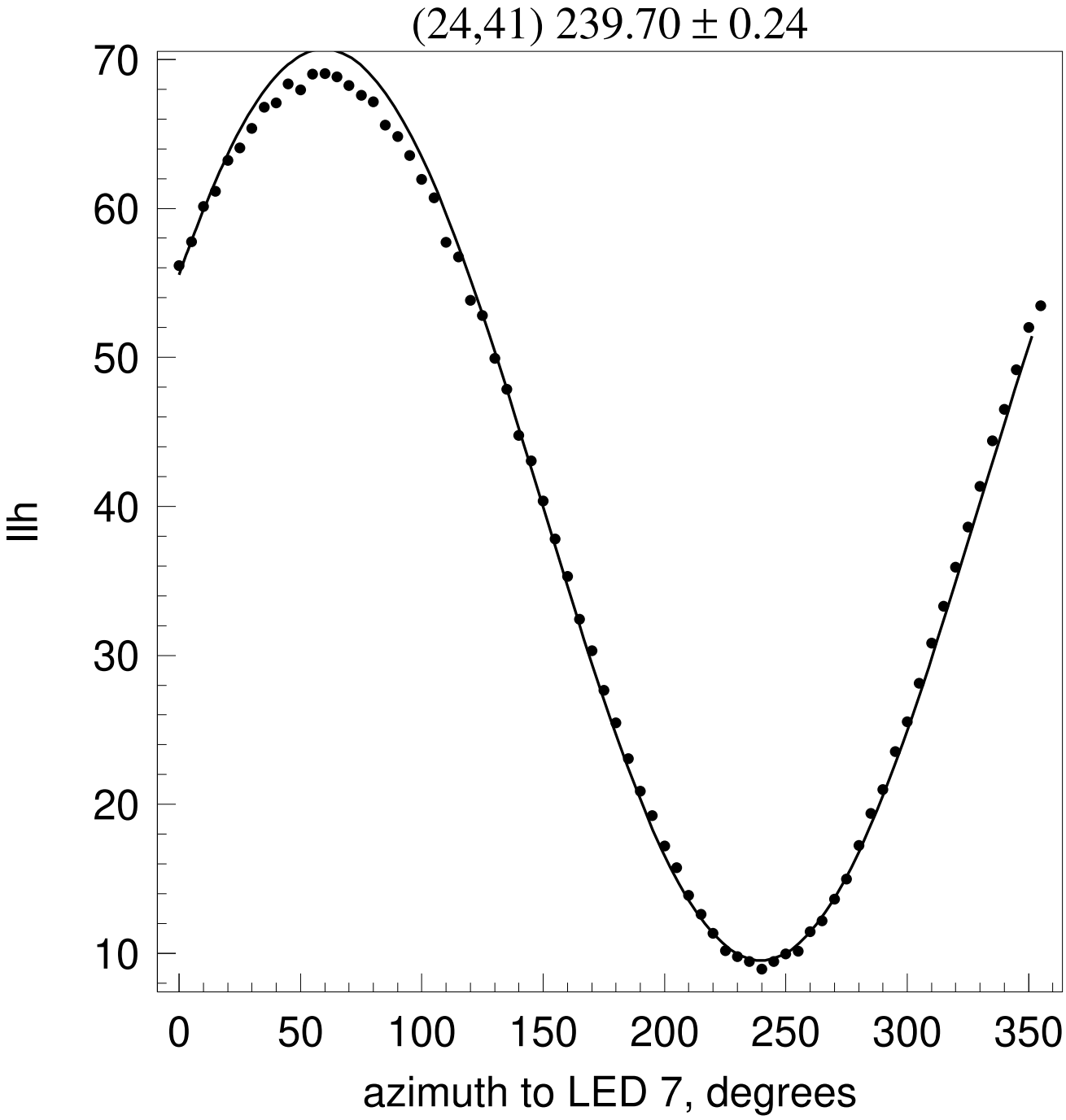

(24,36) 353.88 ± 27.14
22.8
22.6
22.4
22.2
22
21.8
21.6
21.4
21.2
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

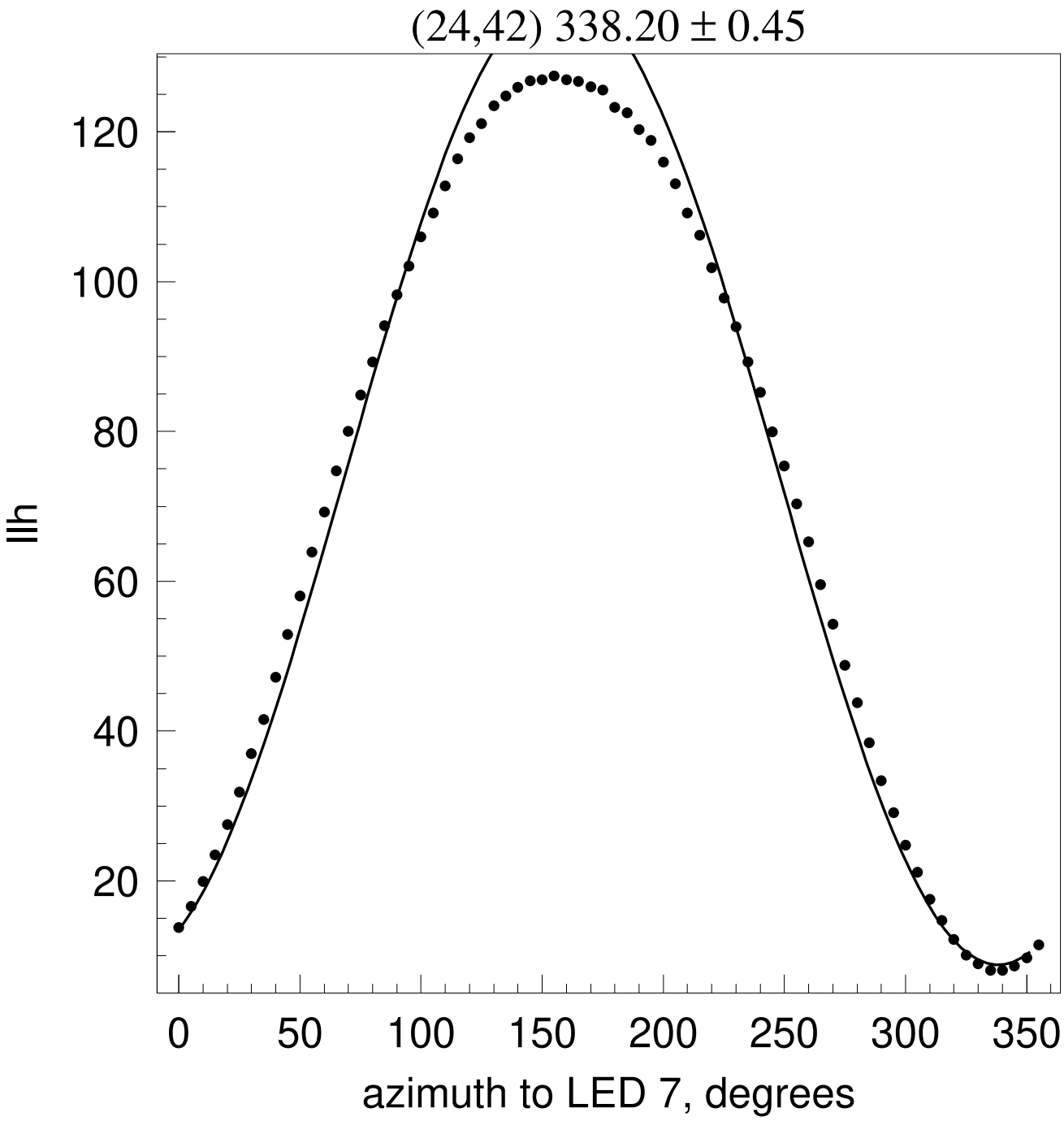

(24,37) 228.30 ± 0.83
27
26
25
24
23
22
21
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

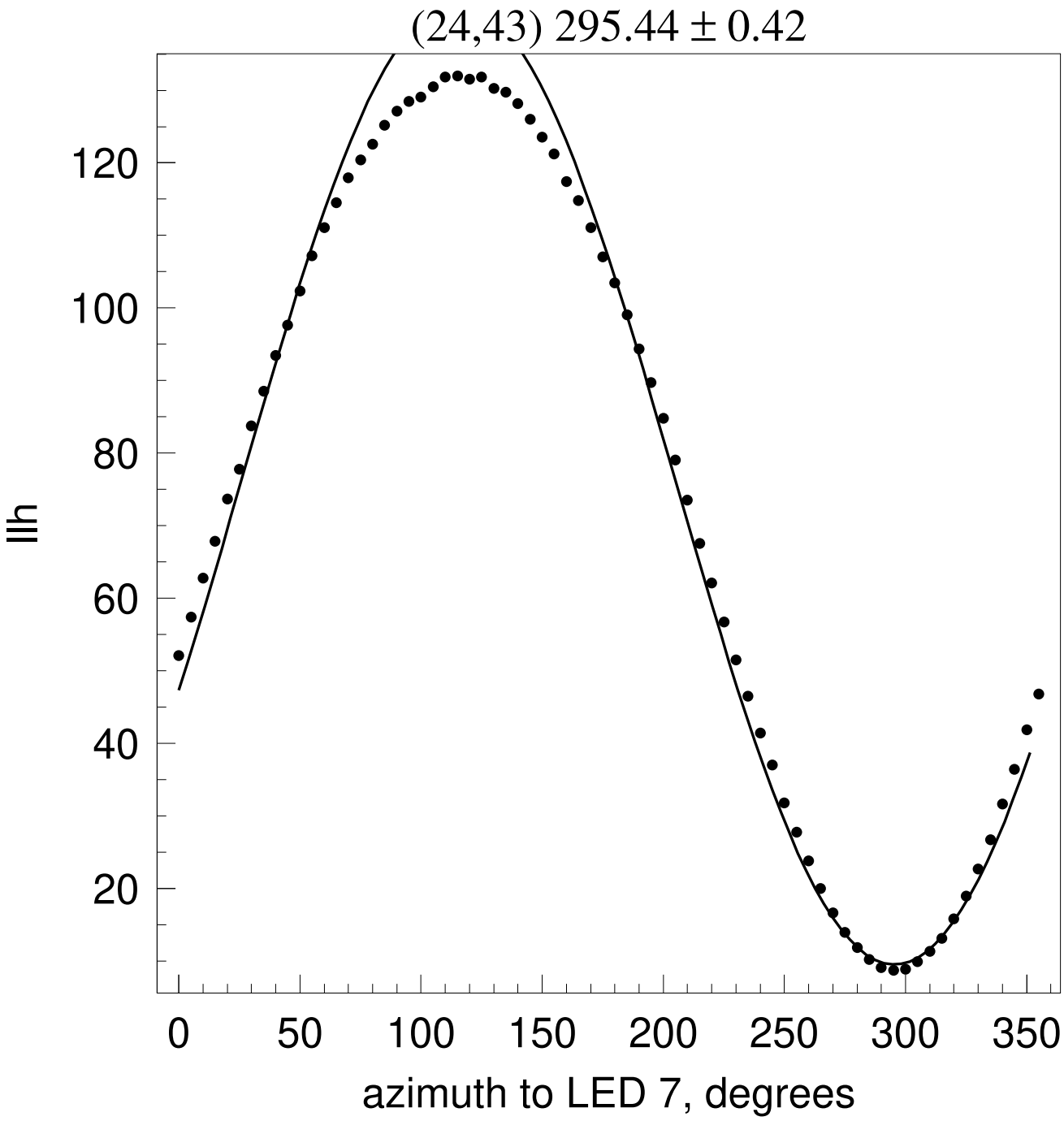

(24,38) 245.92 ± 0.35
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

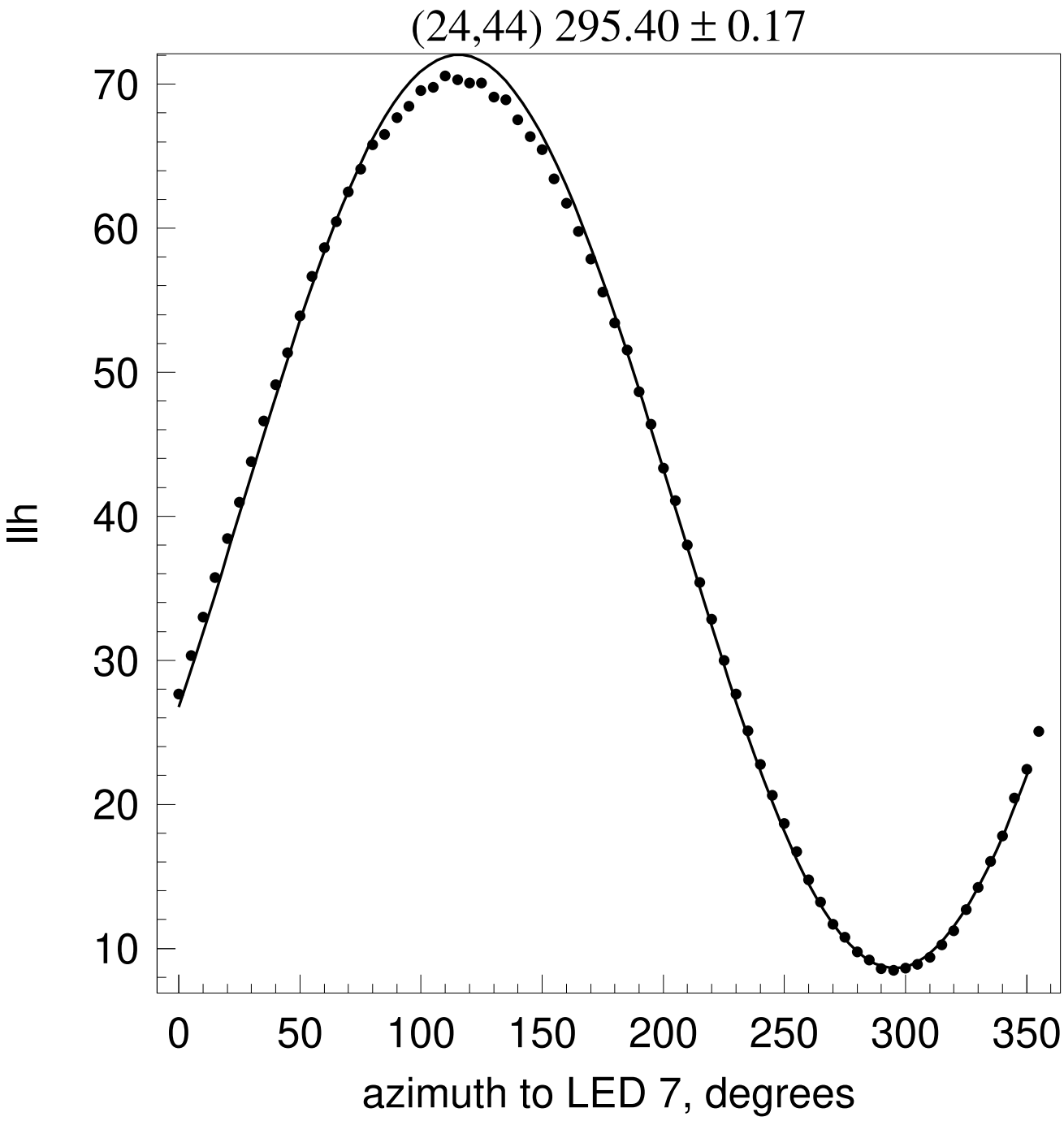

(24,39) 285.25 ± 0.32
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

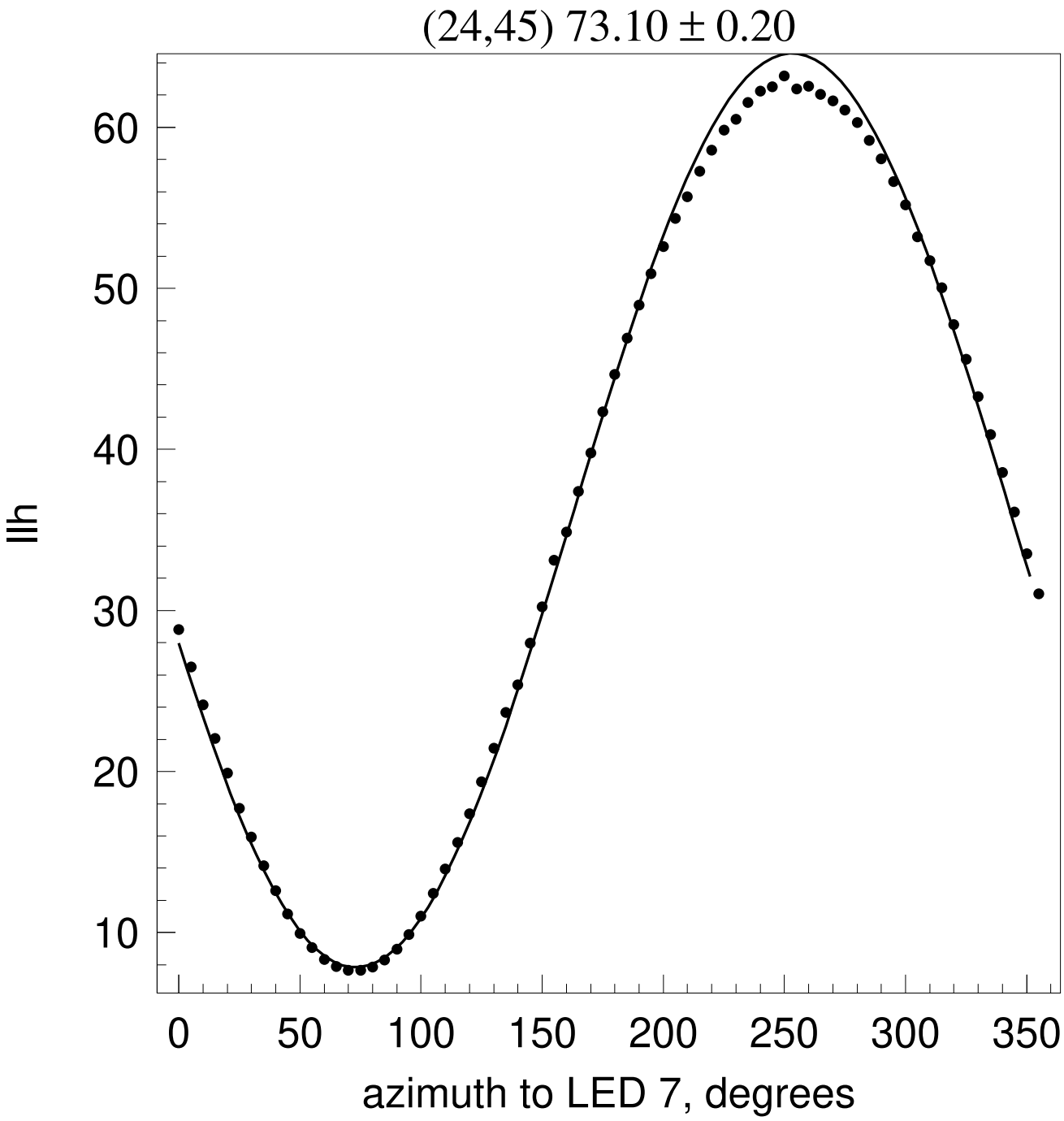

(24,40) 219.91 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

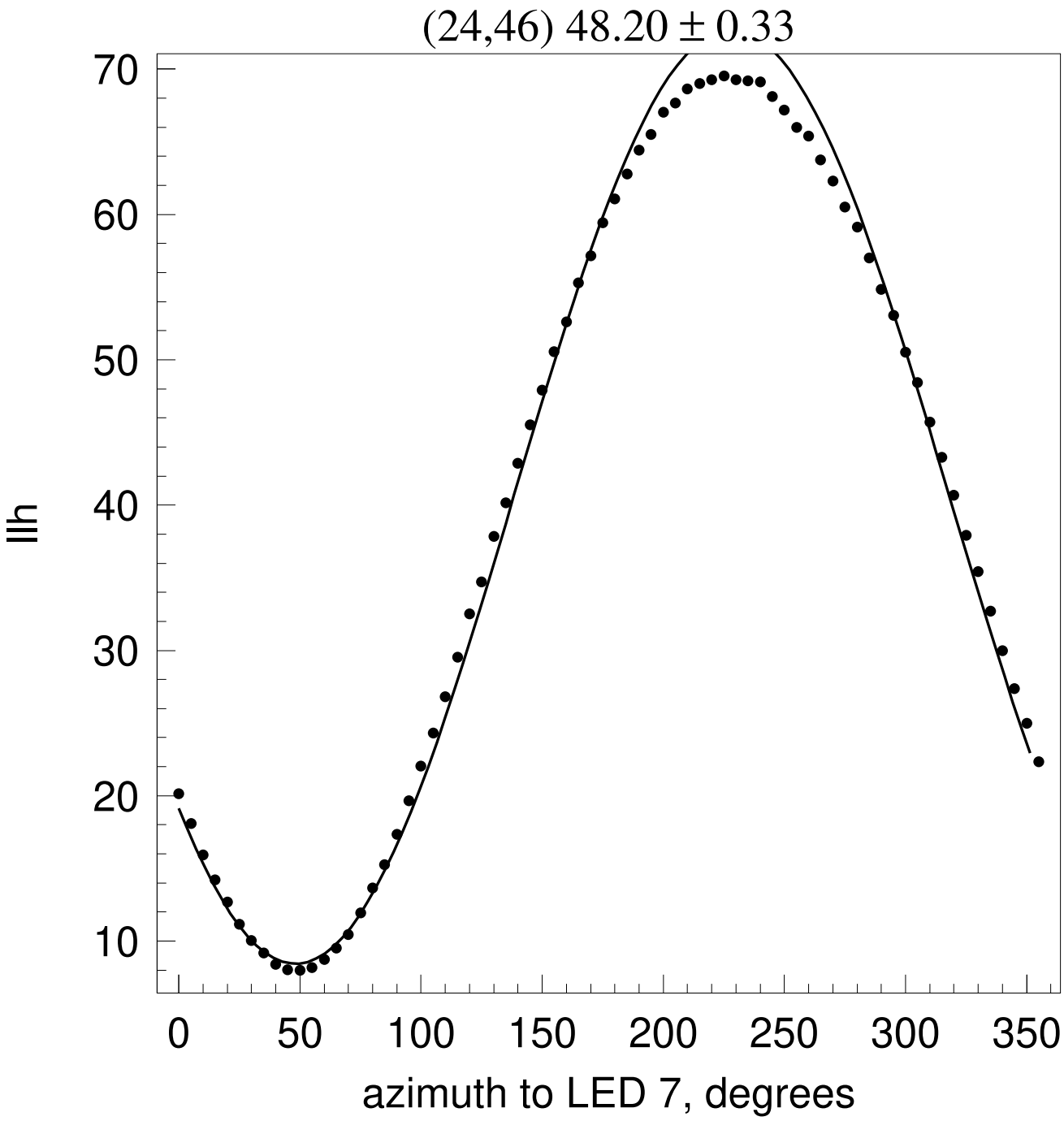

(24,41) 239.70 ± 0.24
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

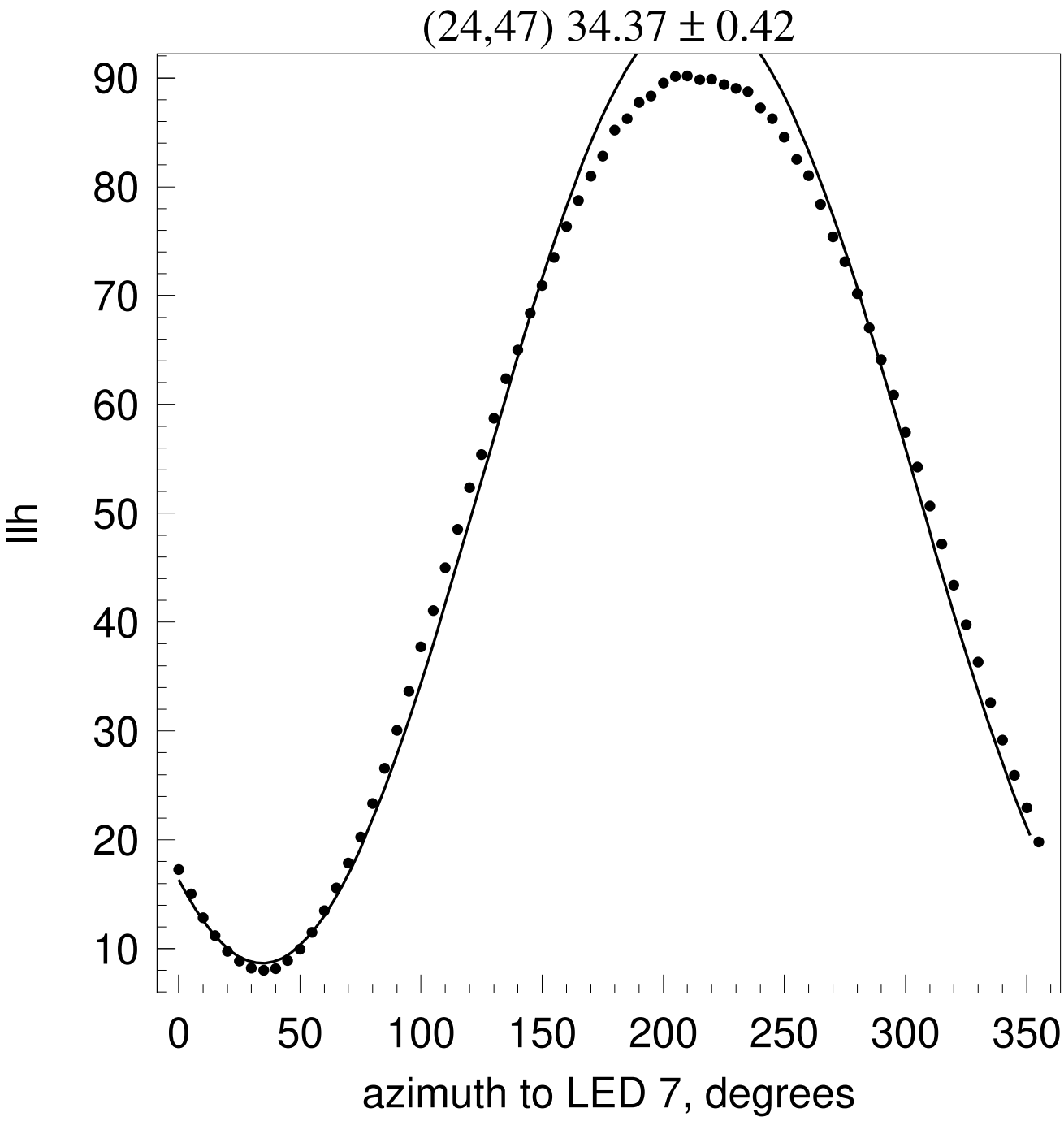

(24,42) 338.20 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

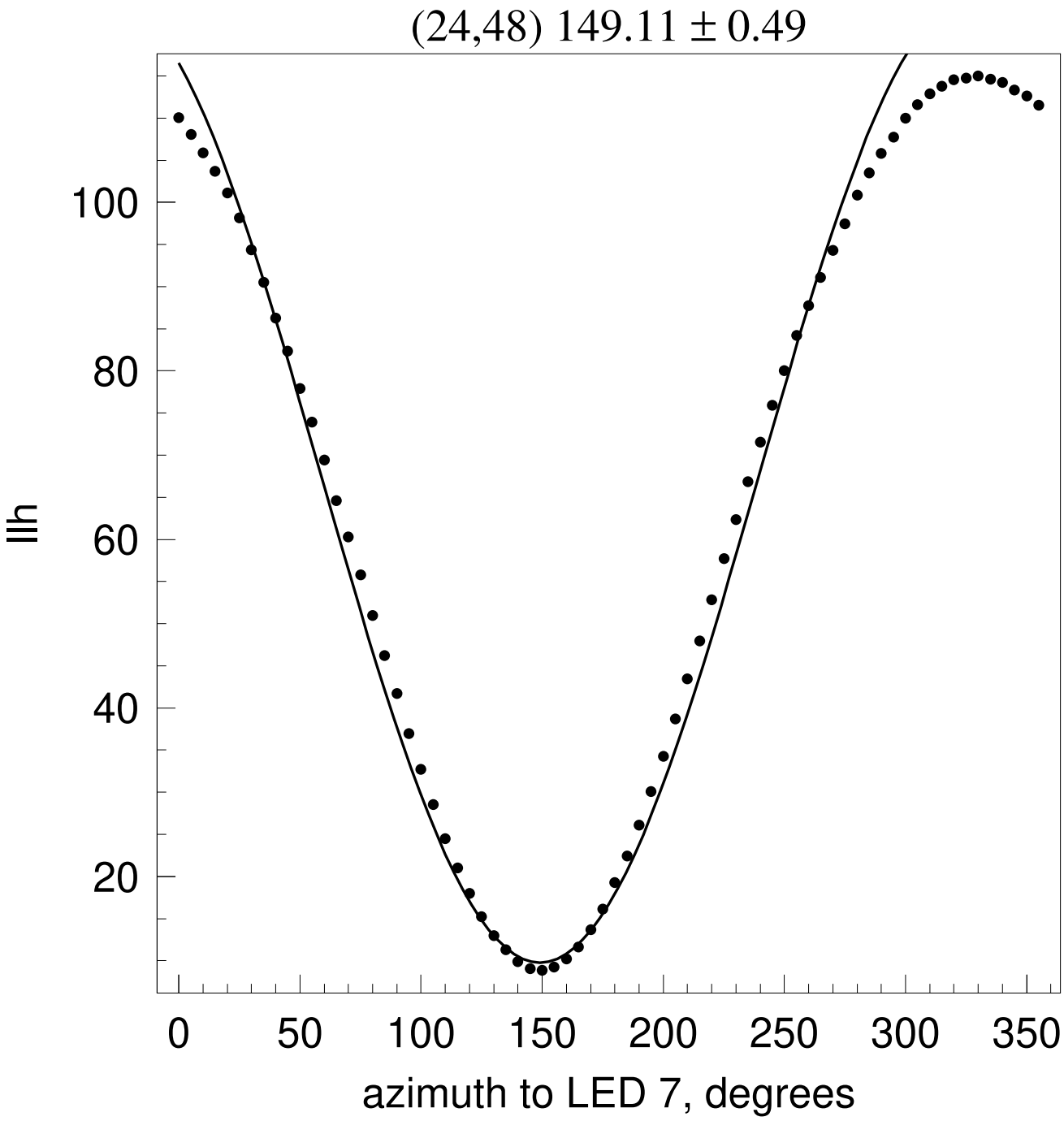

(24,43) 295.44 ± 0.42
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

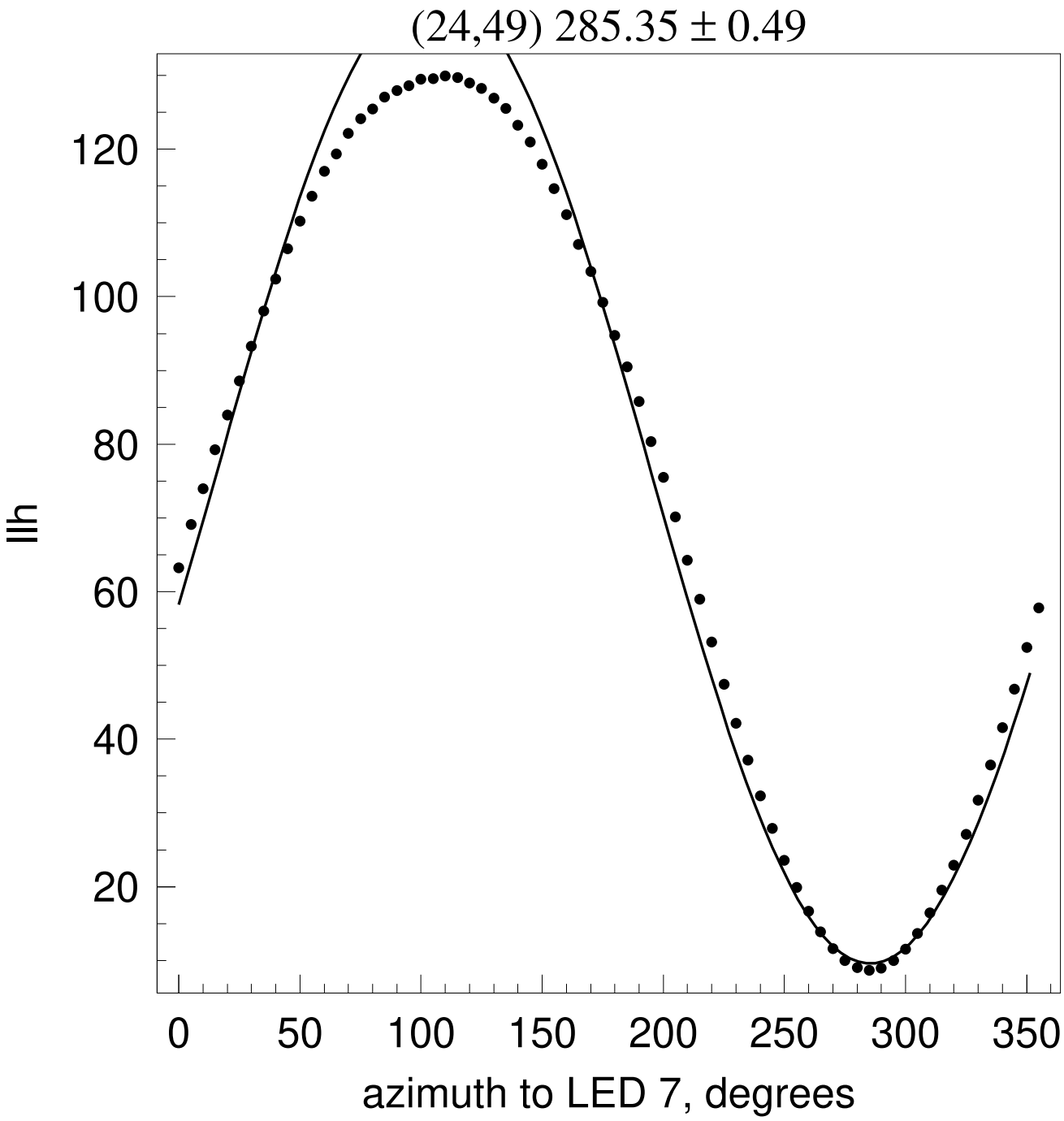

(24,44) 295.40 ± 0.17
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

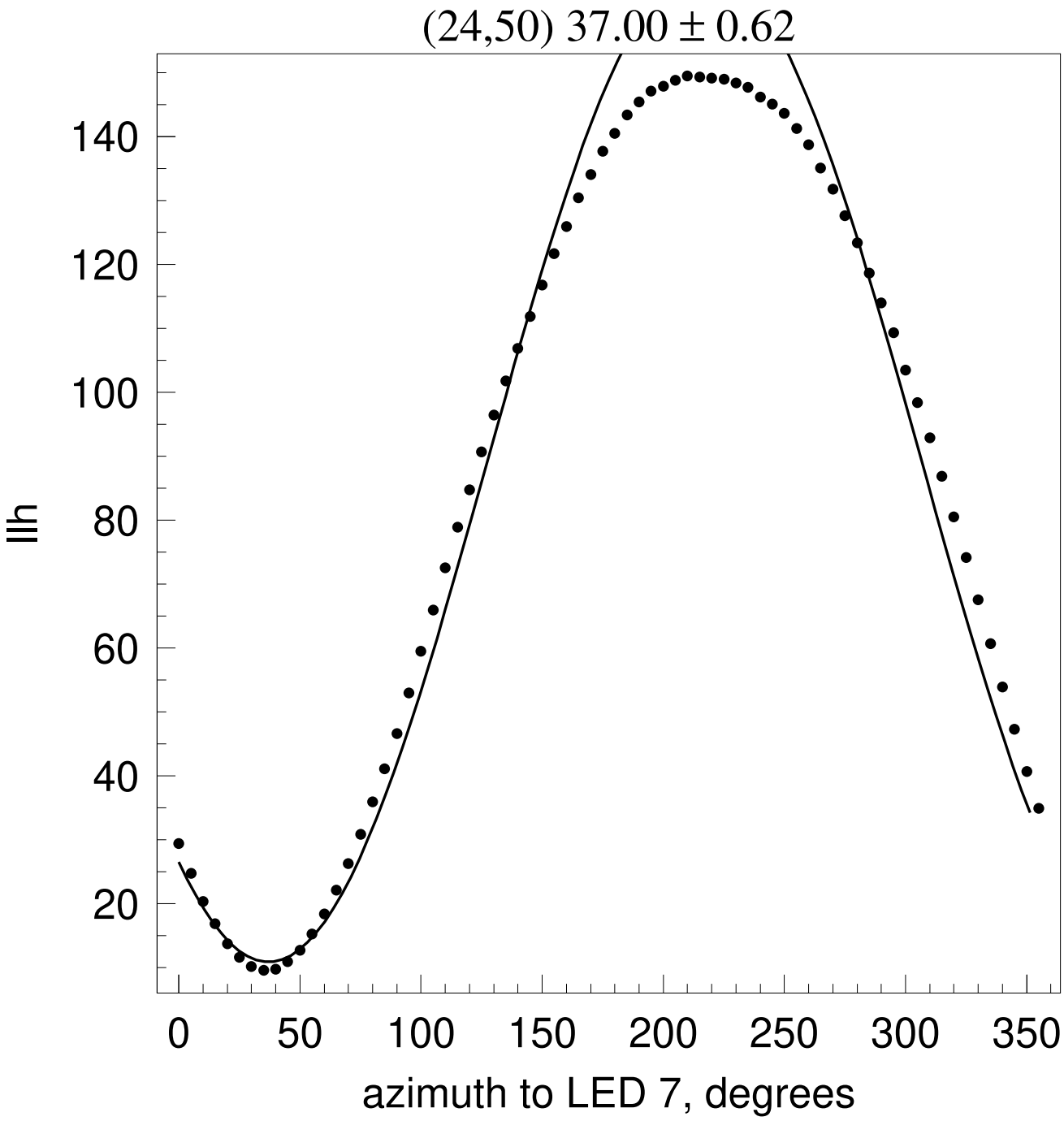

(24,45) 73.10 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

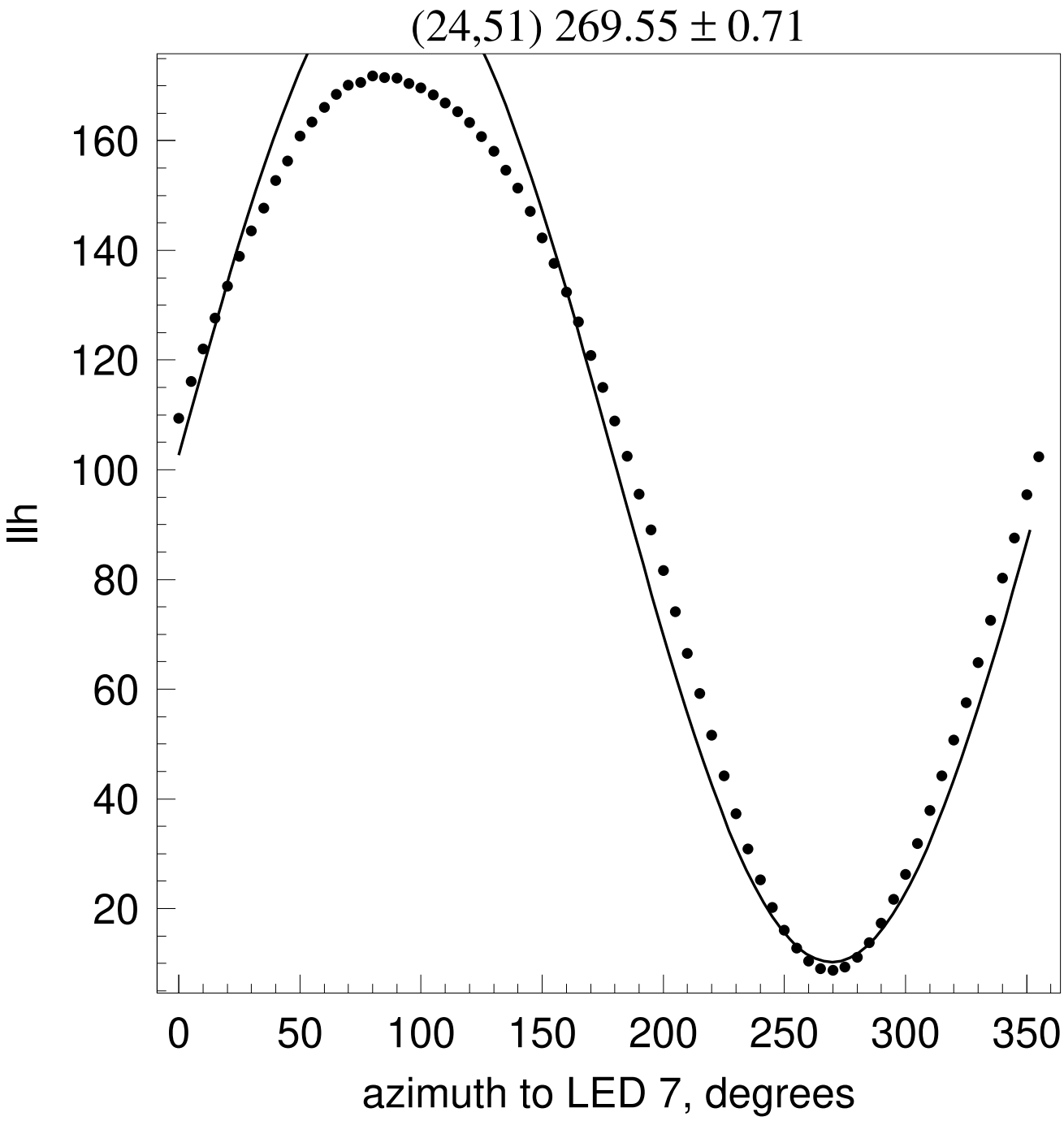

(24,46) 48.20 ± 0.33
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

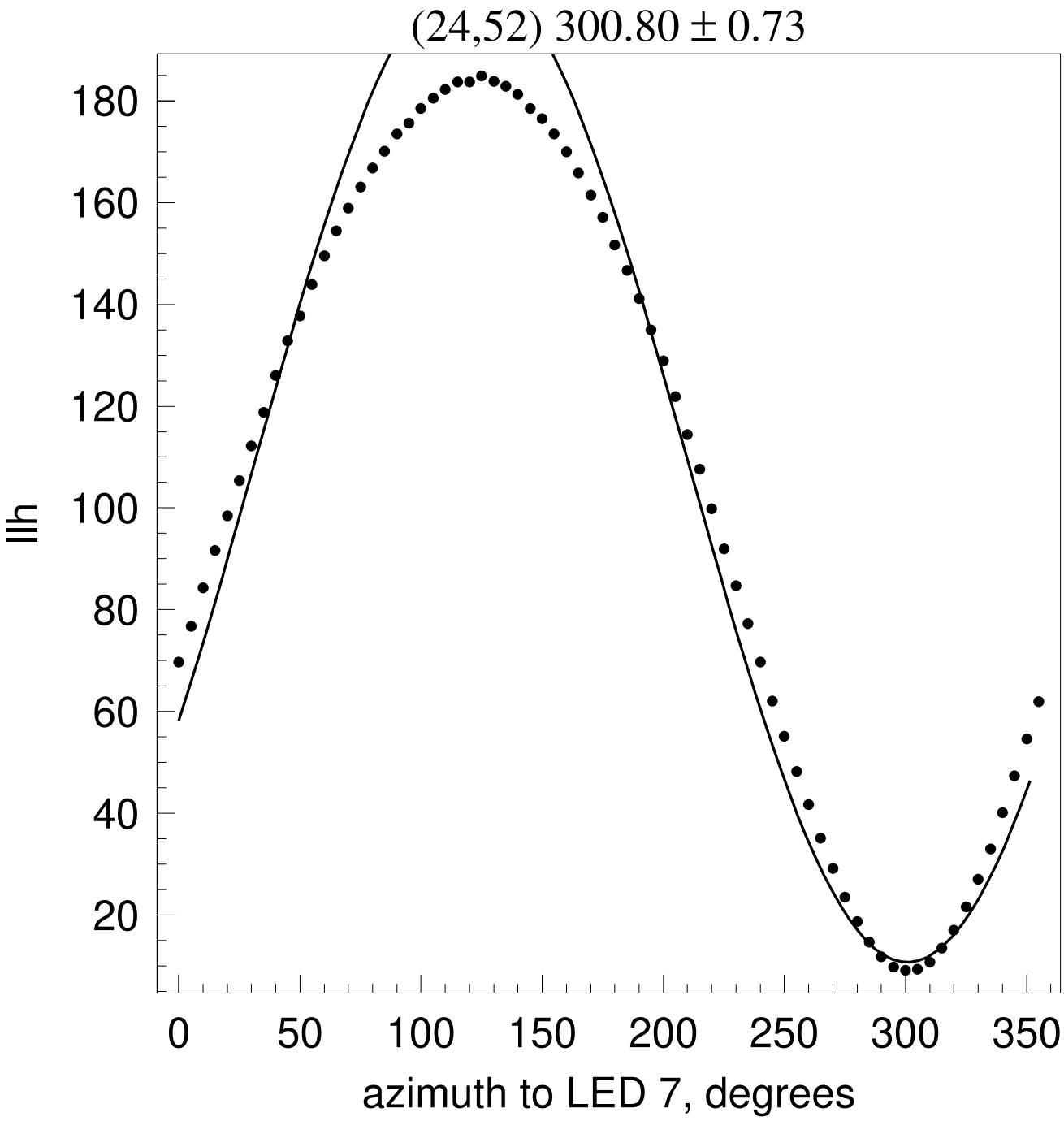

(24,47) 34.37 ± 0.42
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

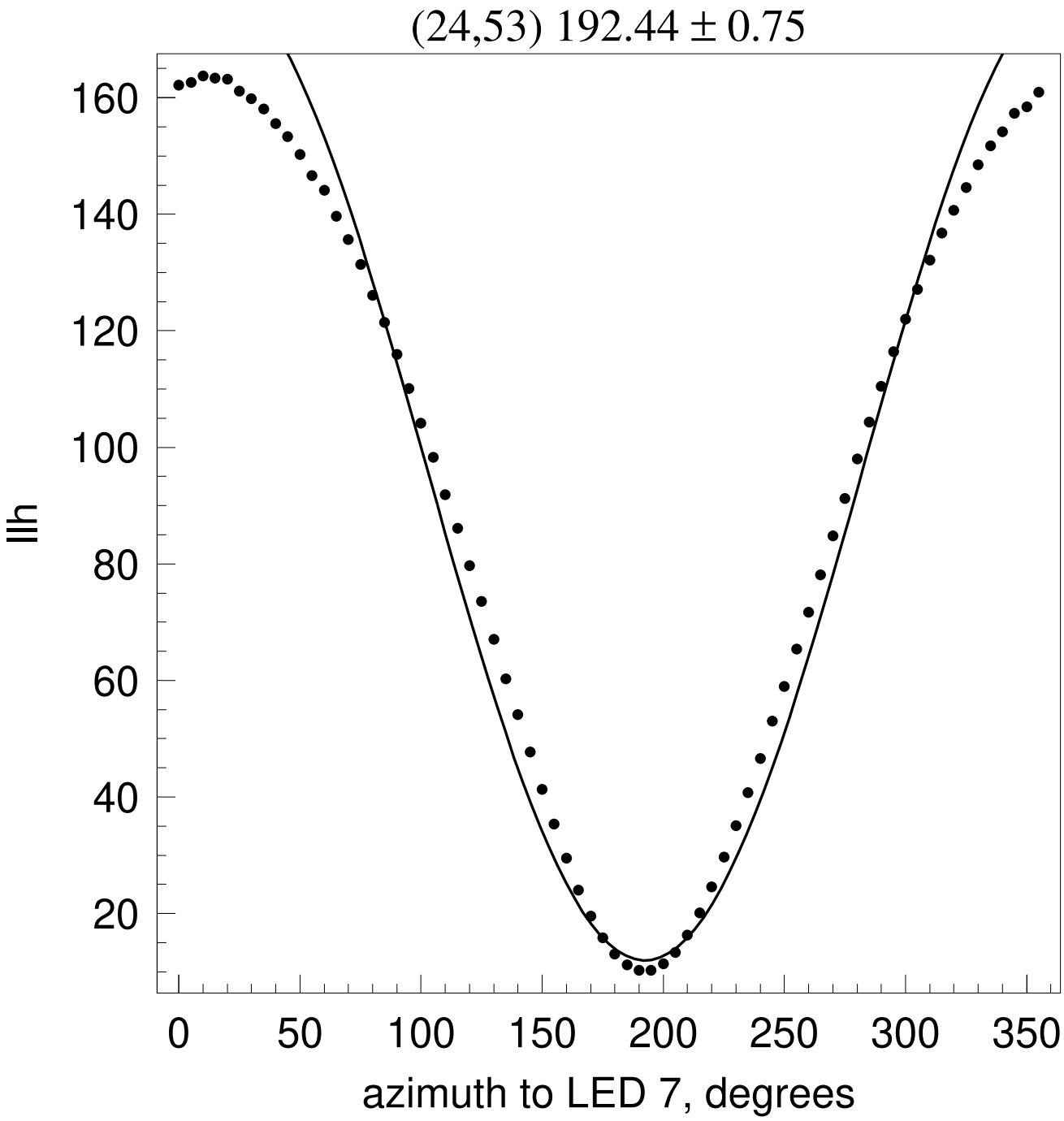

(24,48) 149.11 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

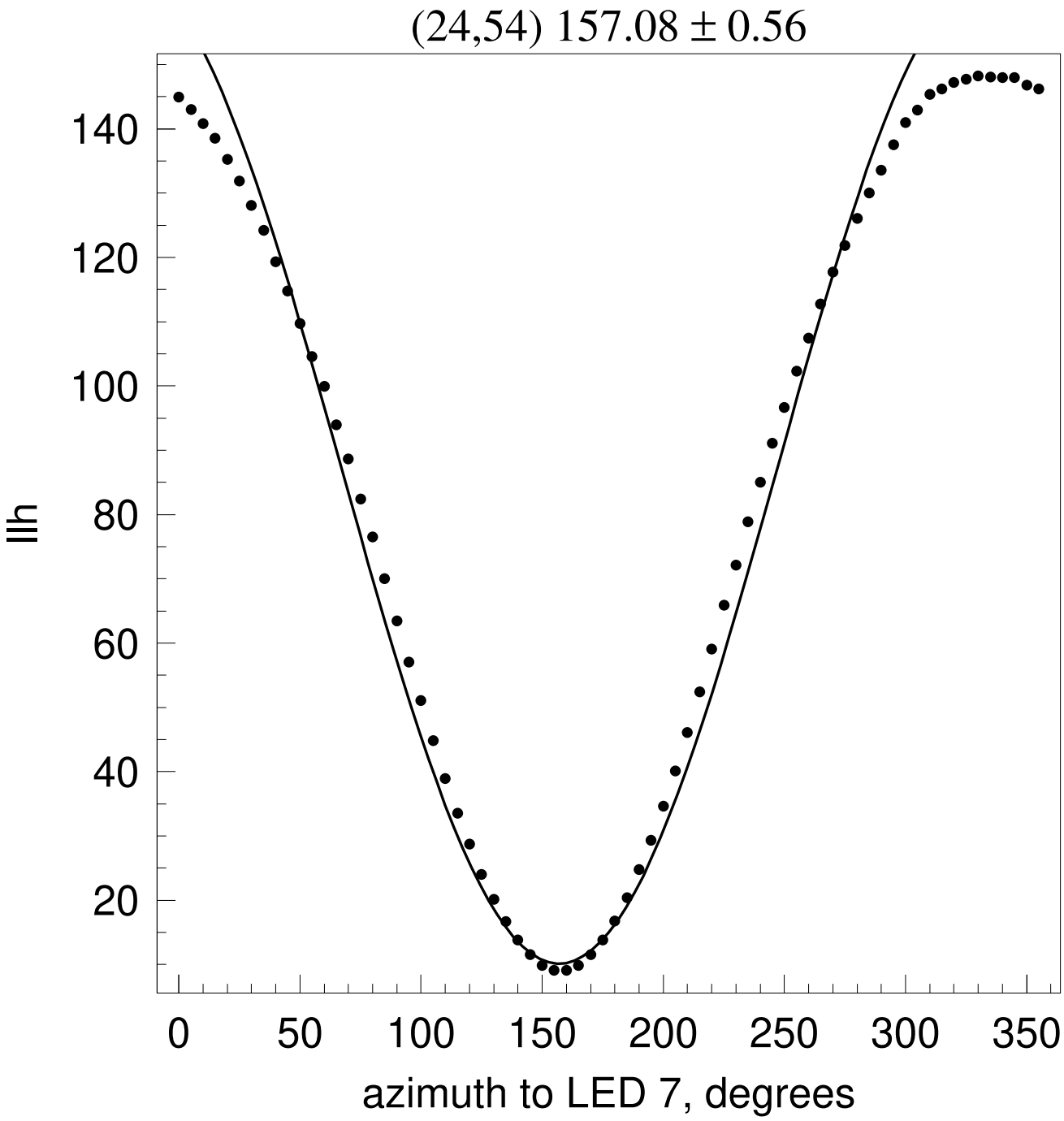

(24,49) 285.35 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

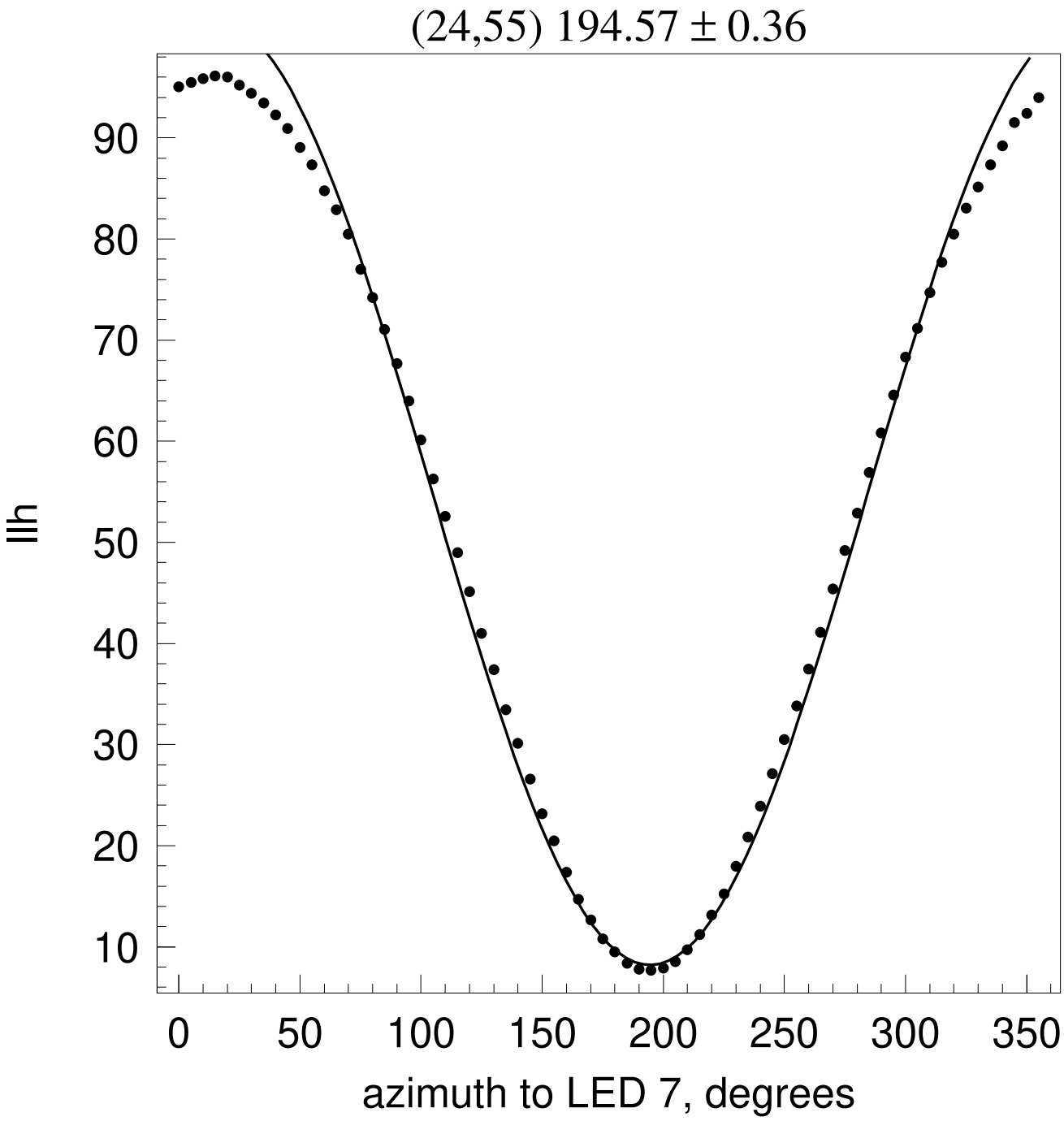

(24,50) 37.00 ± 0.62
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

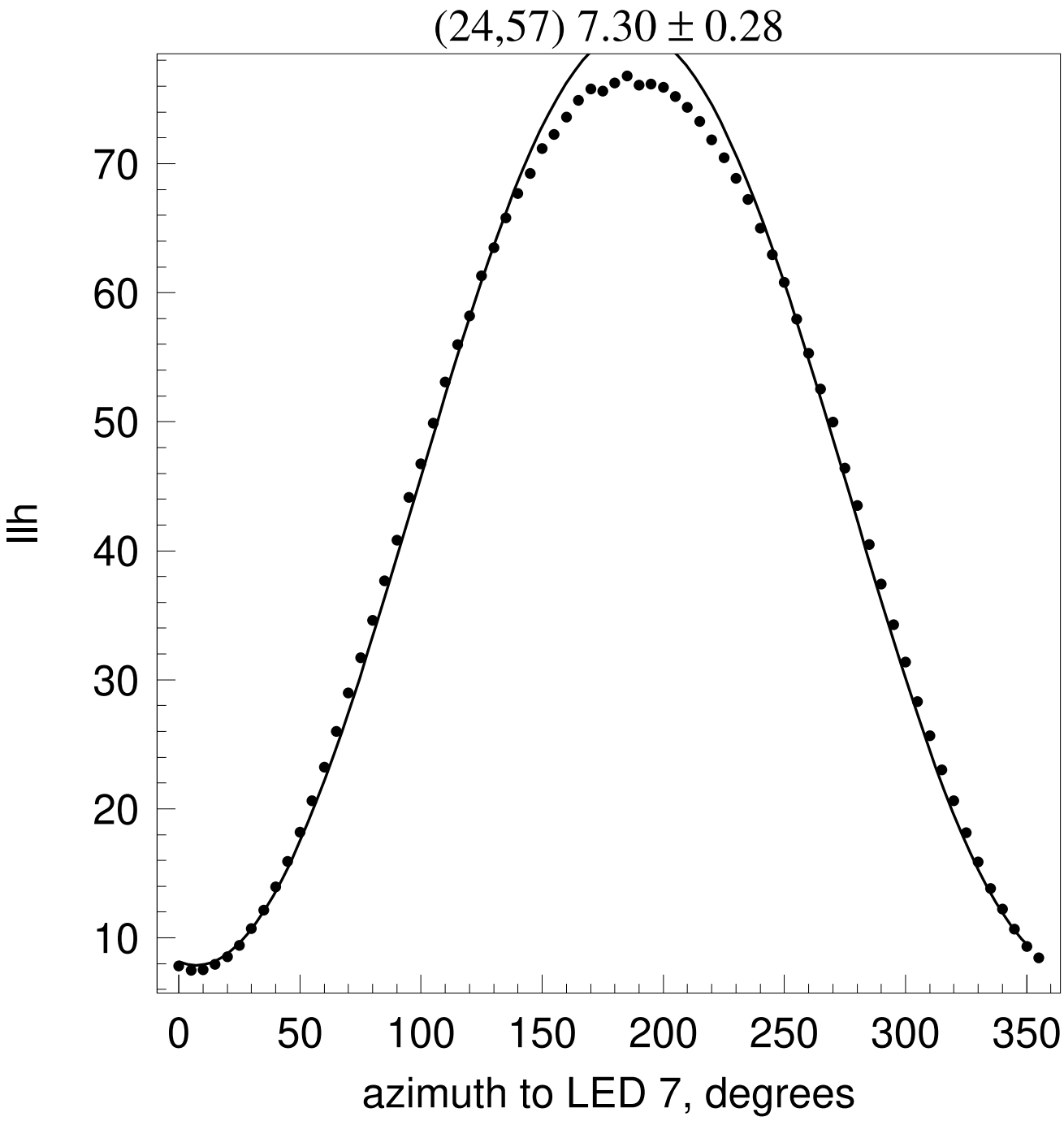

(24,51) 269.55 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

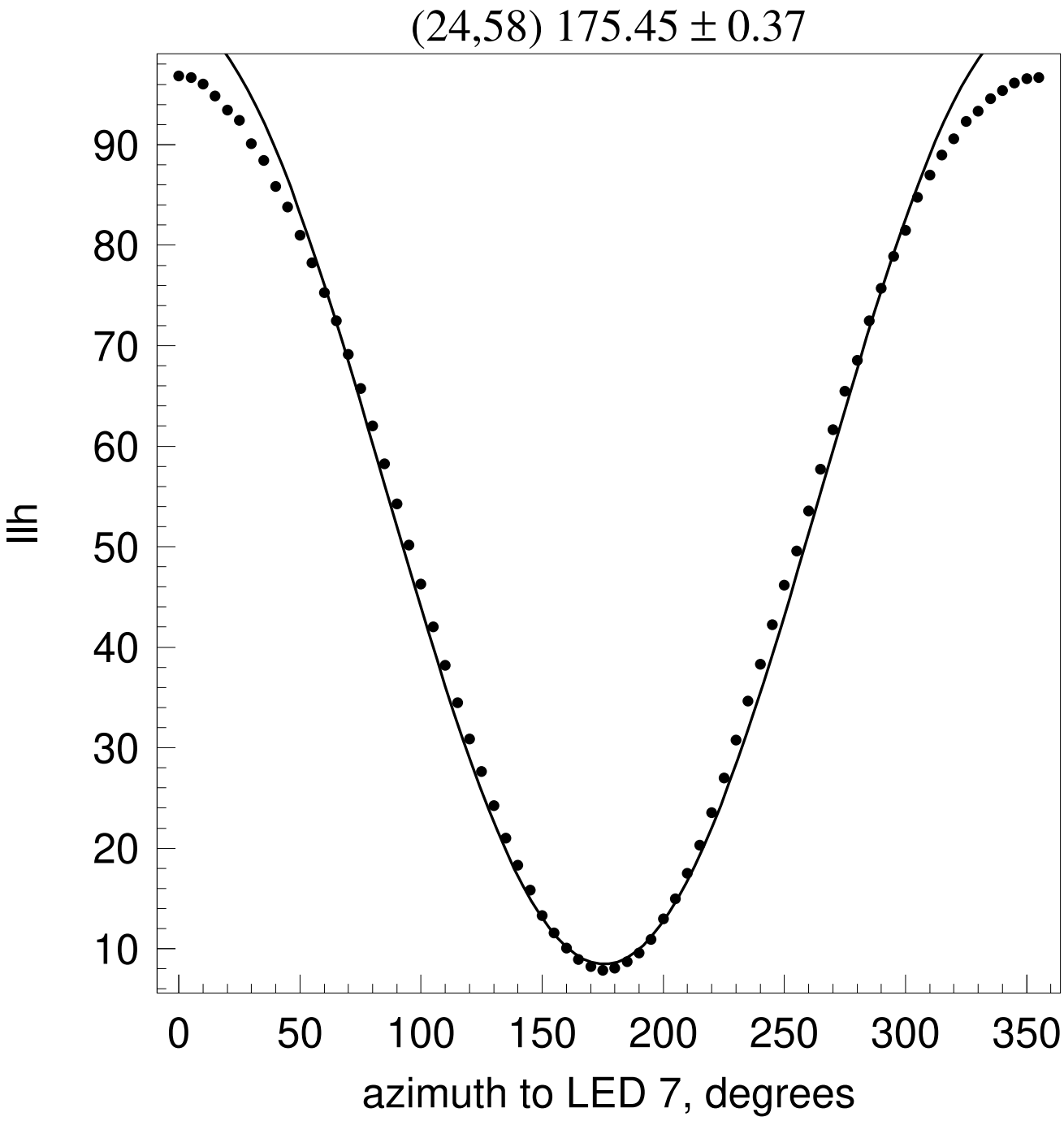

(24,52) 300.80 ± 0.73
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

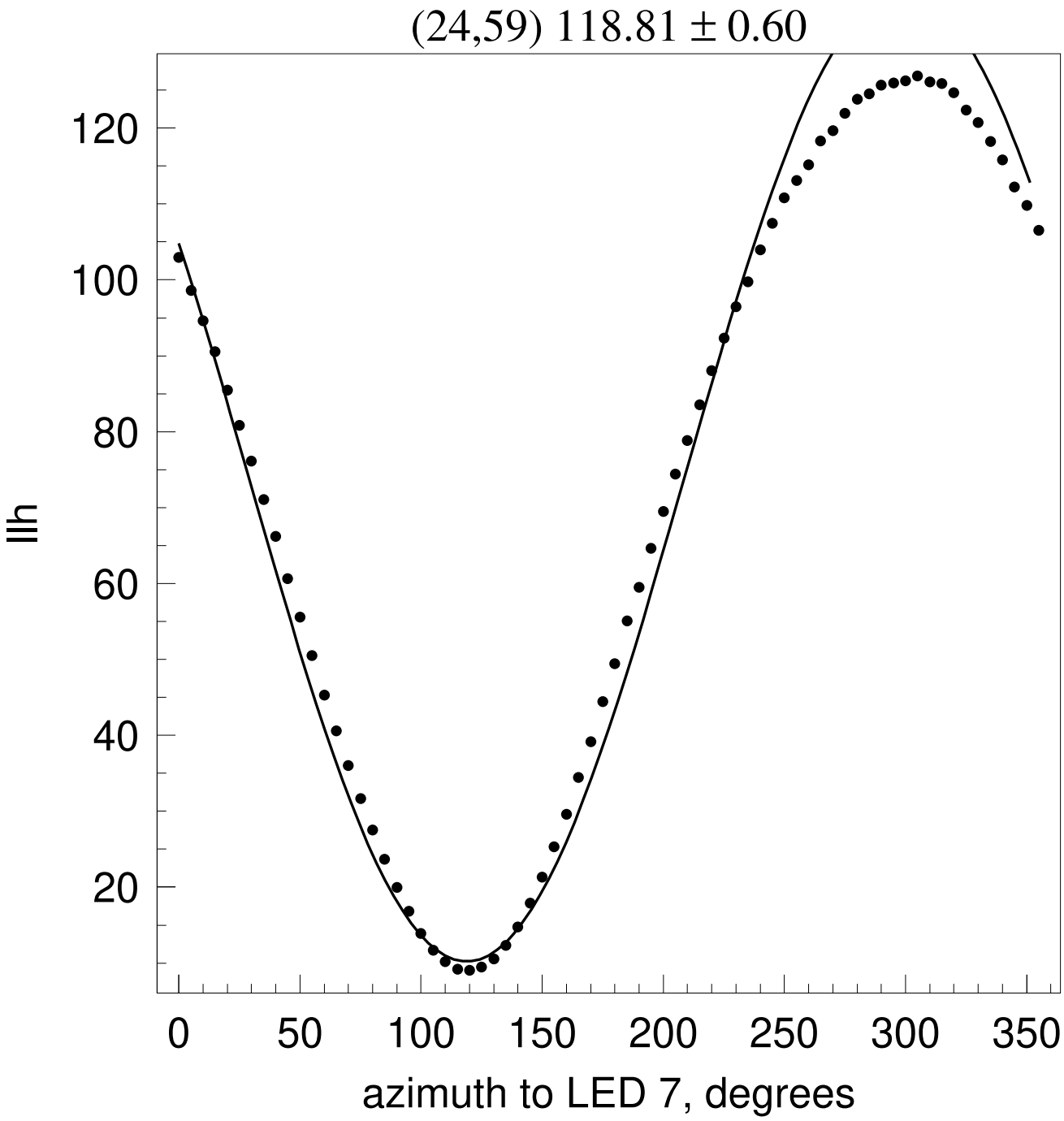

(24,53) 192.44 ± 0.75
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

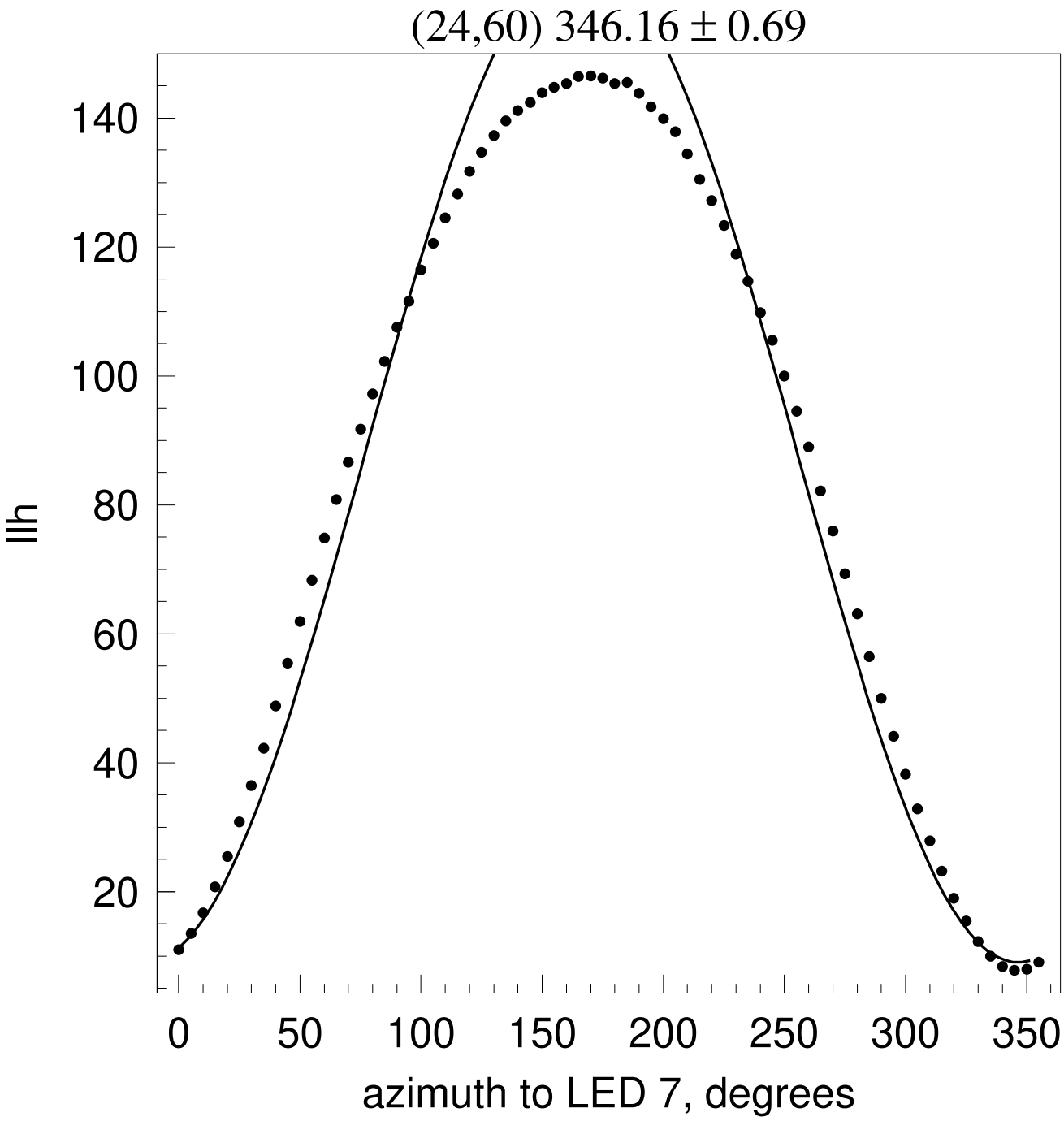

(24,54) 157.08 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

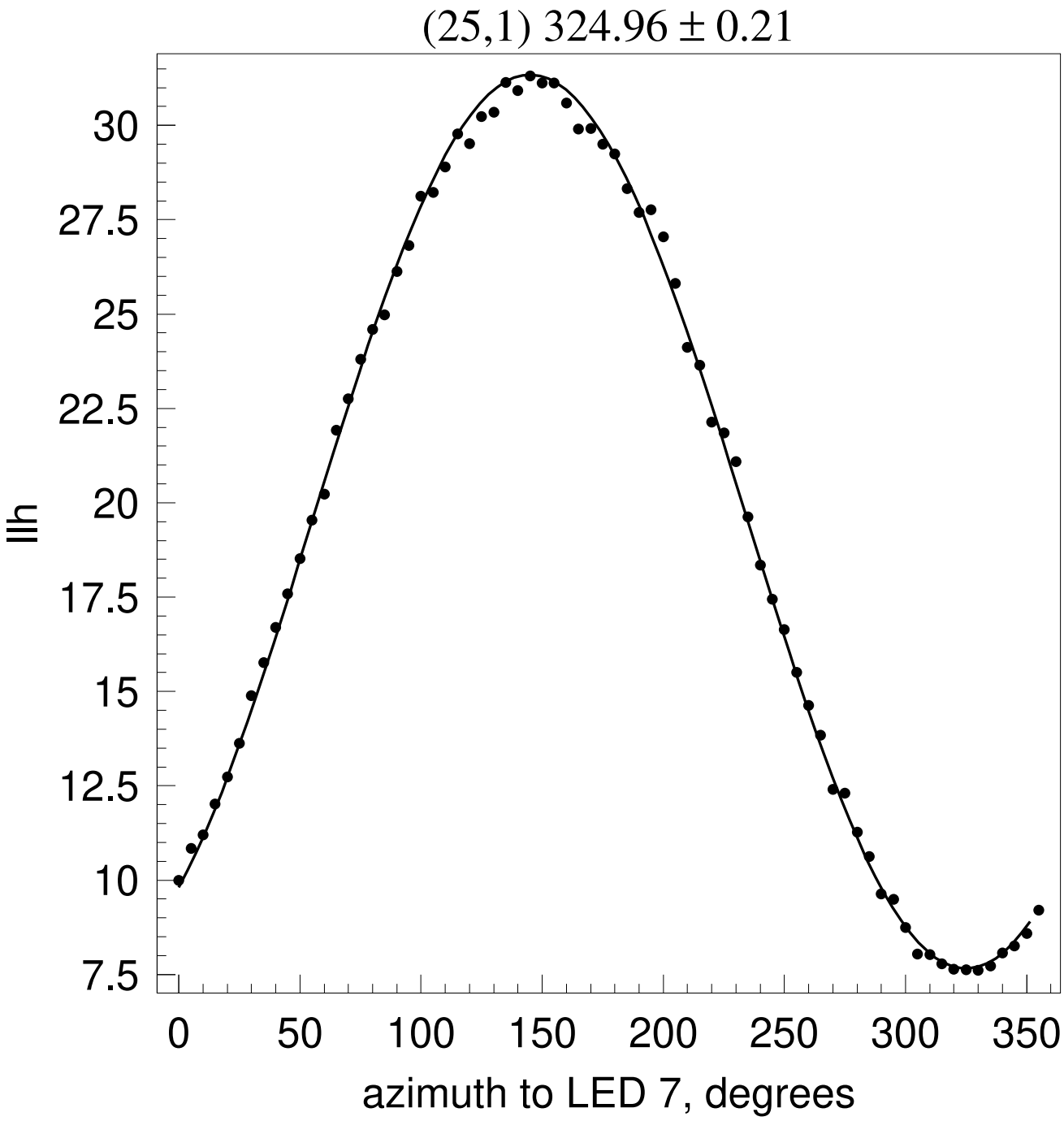

(24,55) 194.57 ± 0.36
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

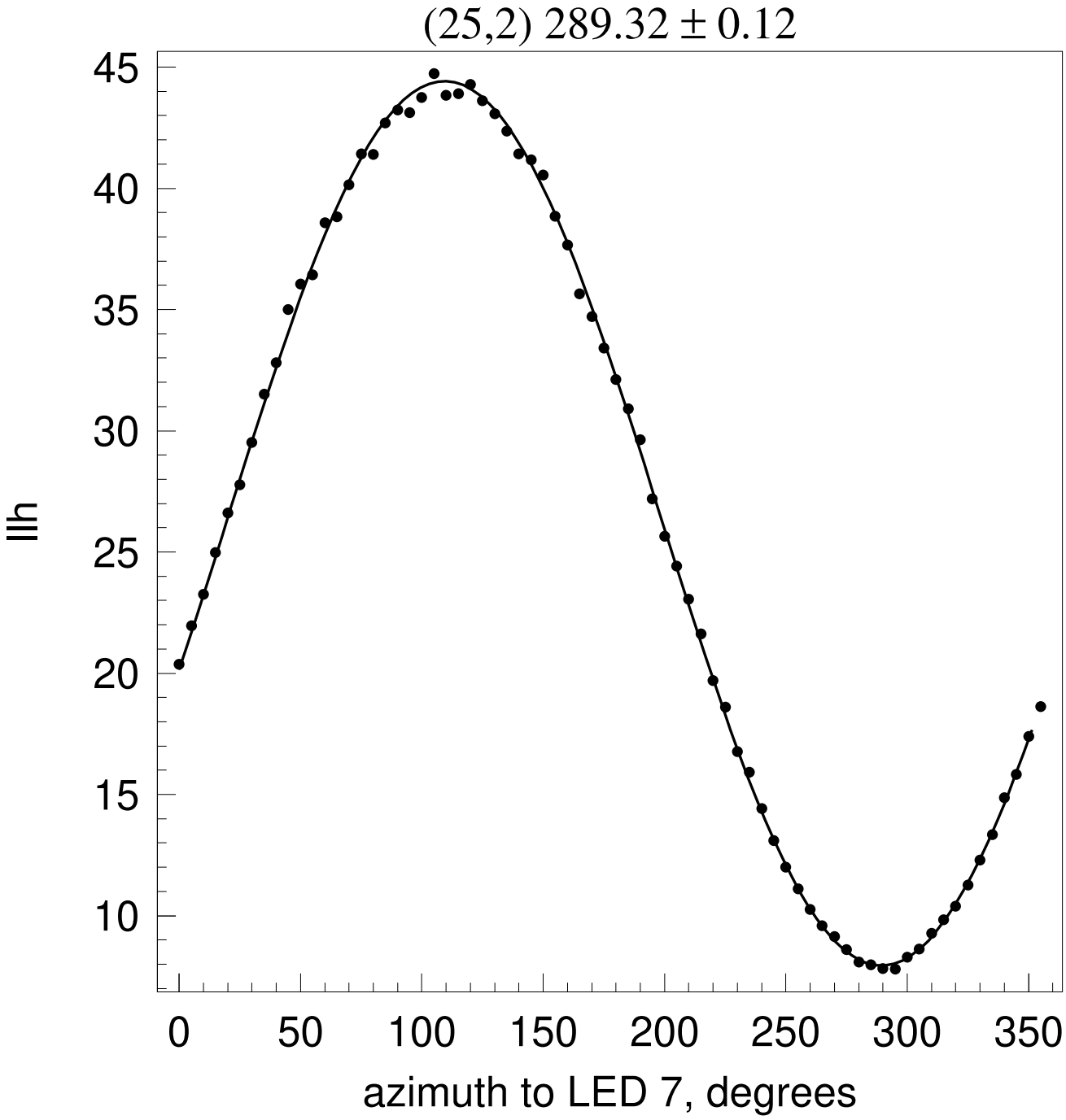

(24,57) 7.30 ± 0.28
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

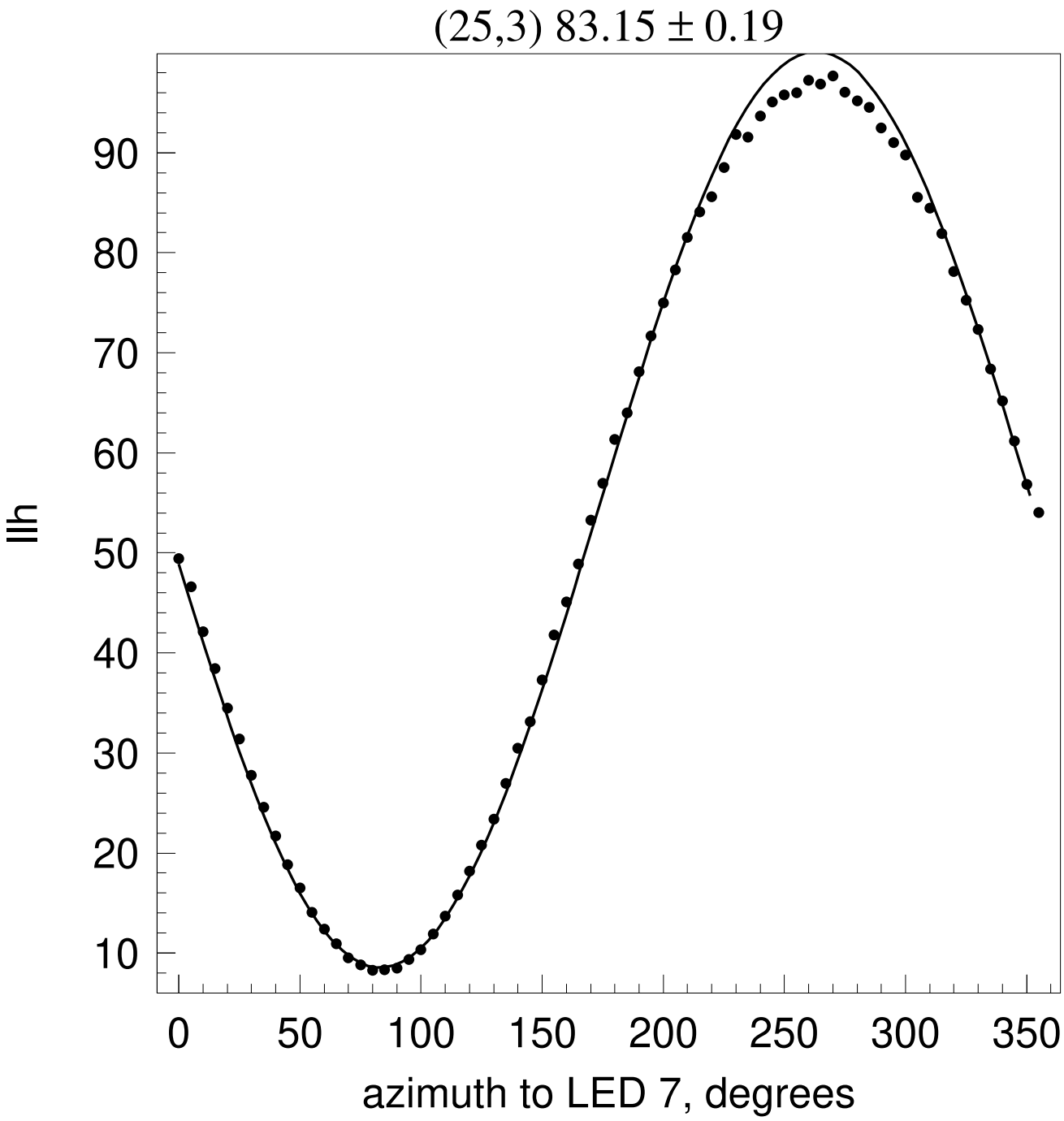

(24,58) 175.45 ± 0.37
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

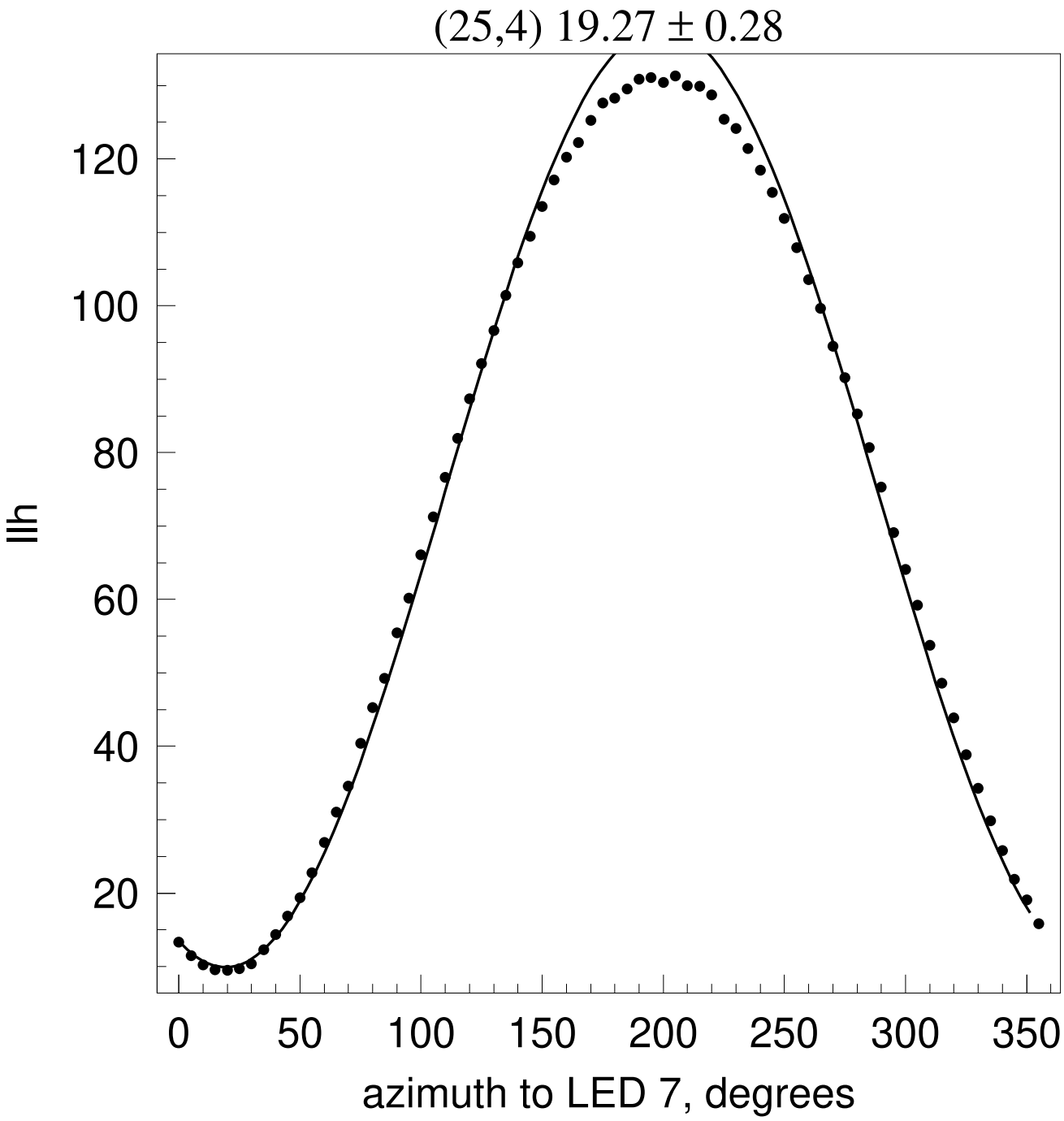

(24,59) 118.81 ± 0.60
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

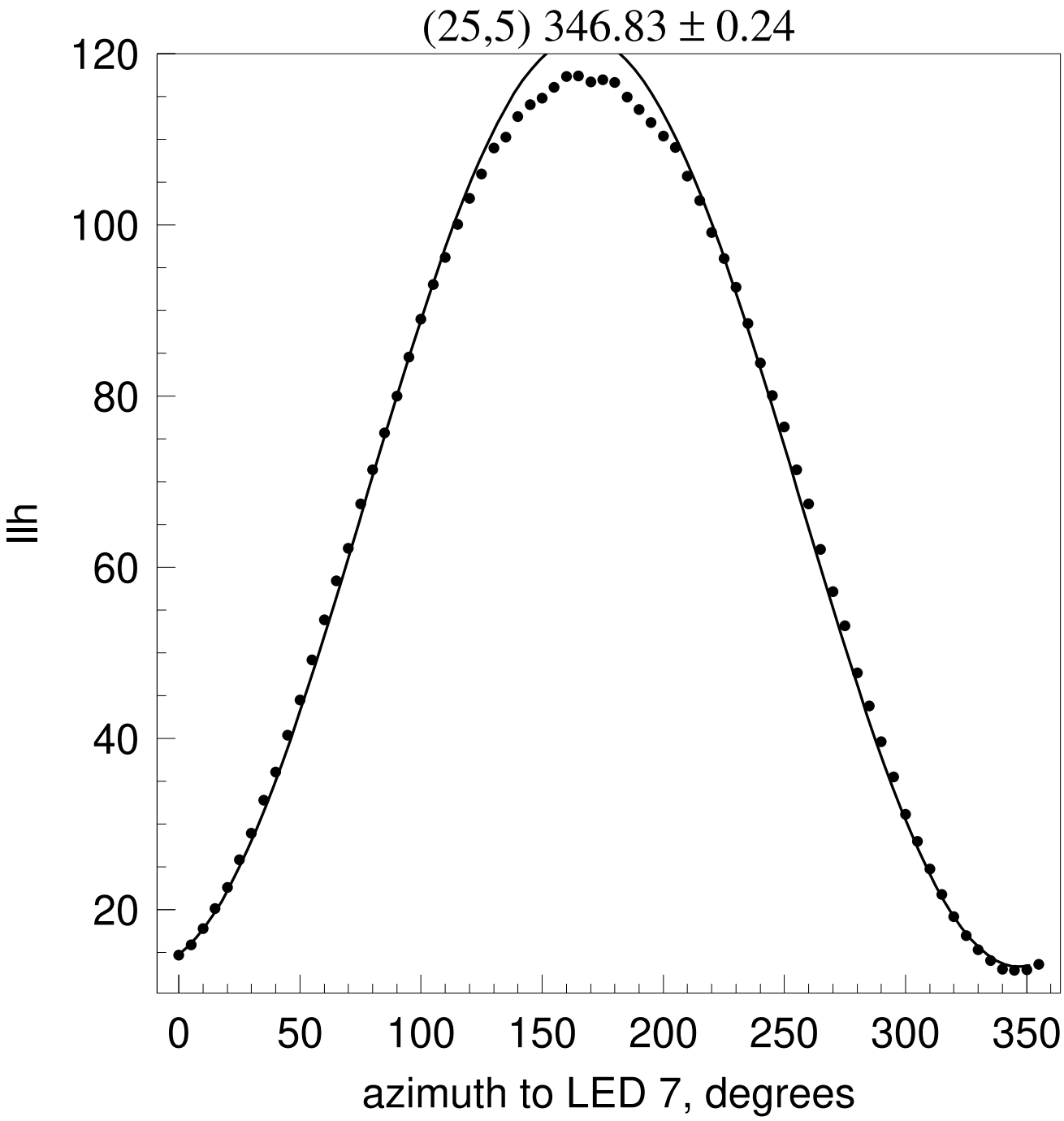

(24,60) 346.16 ± 0.69
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

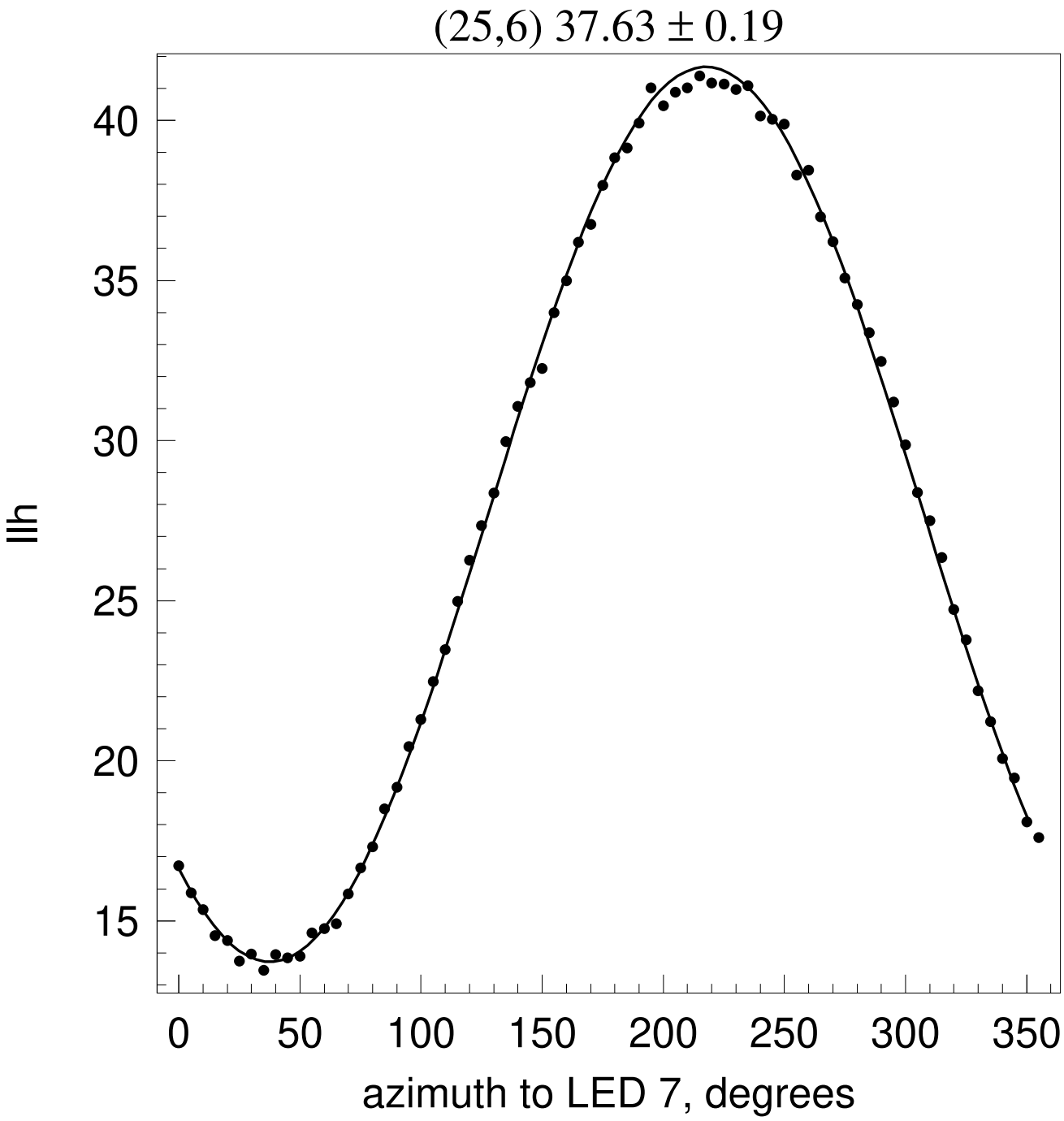

(25,1) 324.96 ± 0.21
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

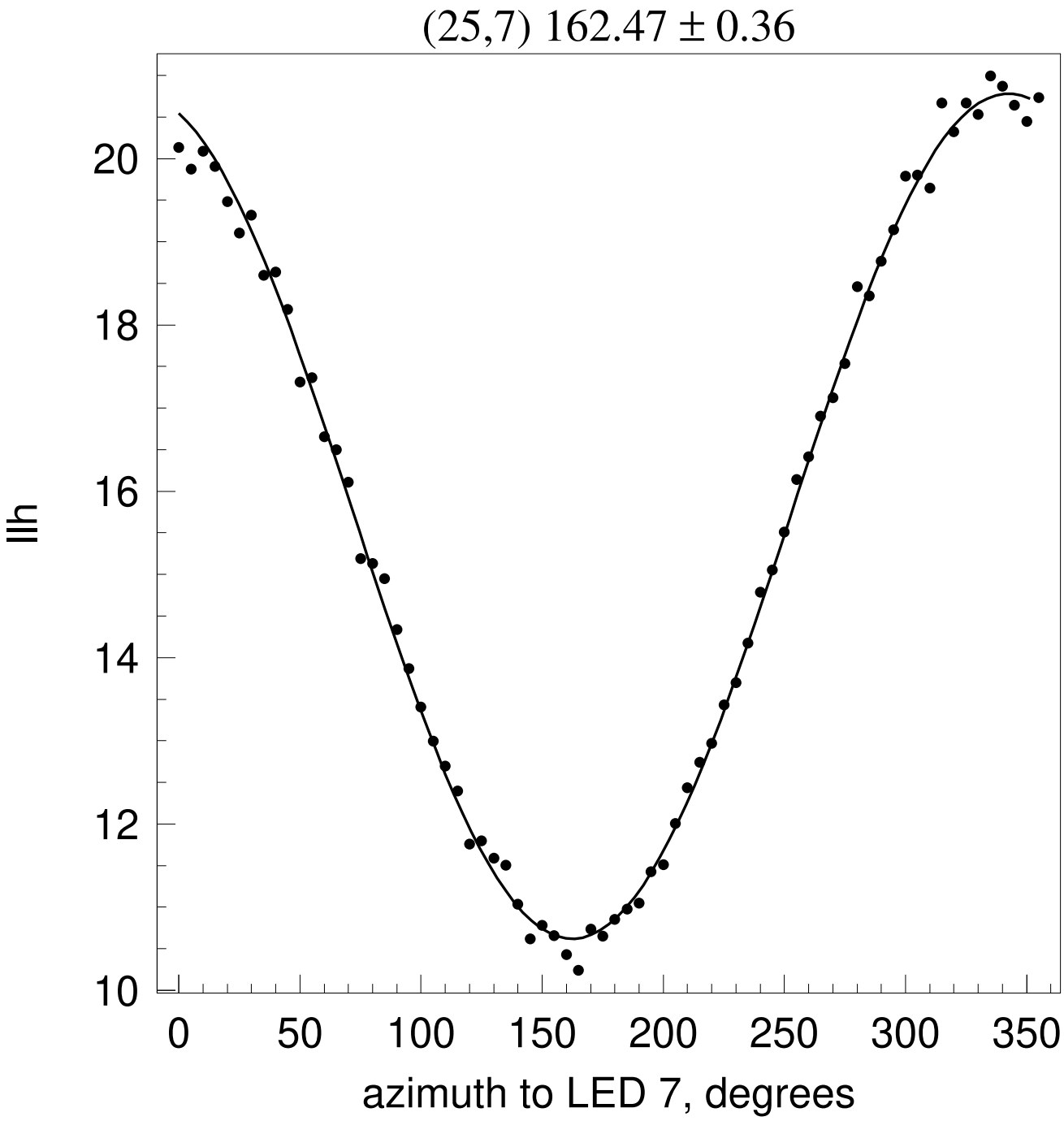

(25,2) 289.32 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

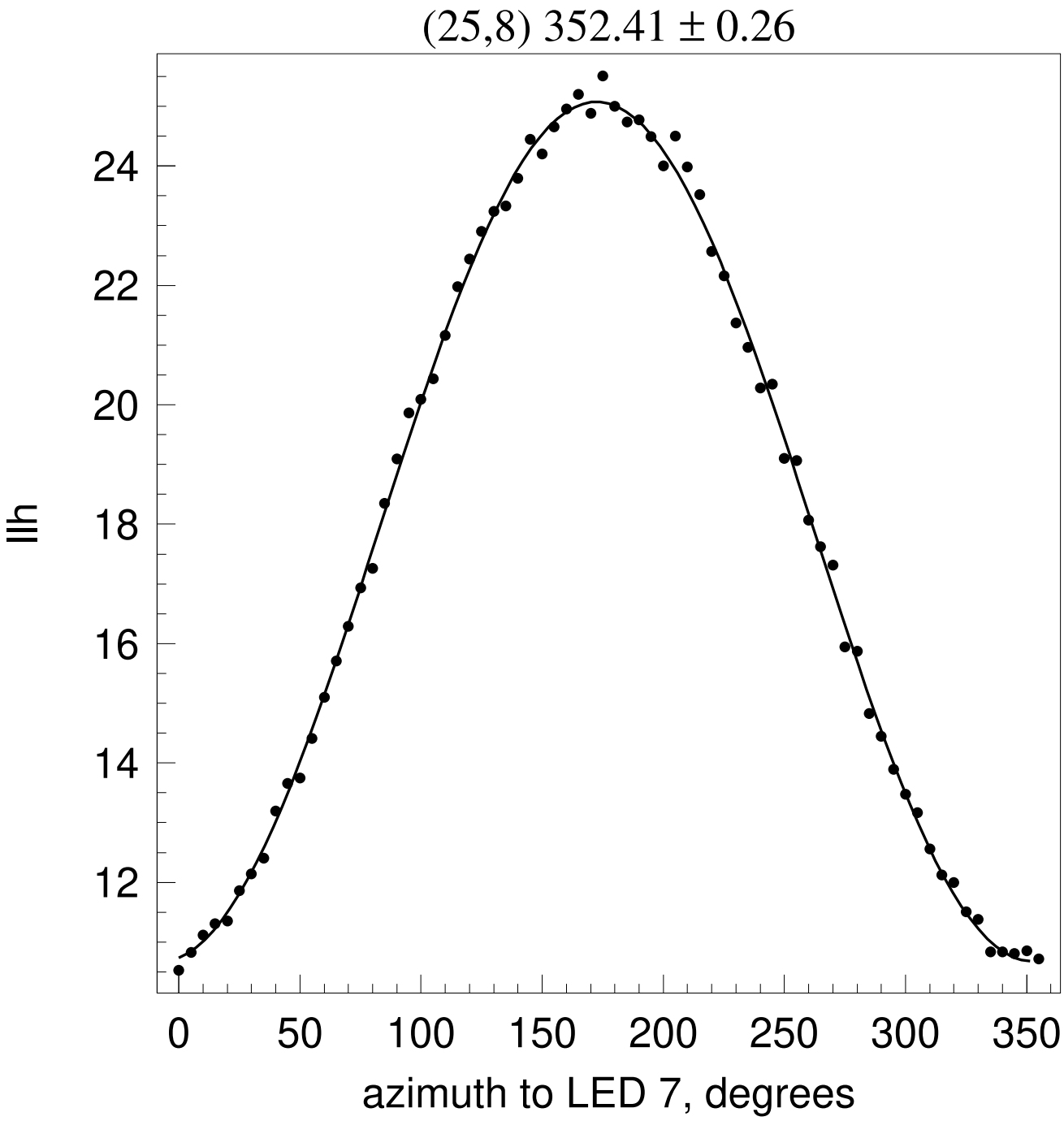

(25,3) 83.15 ± 0.19
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

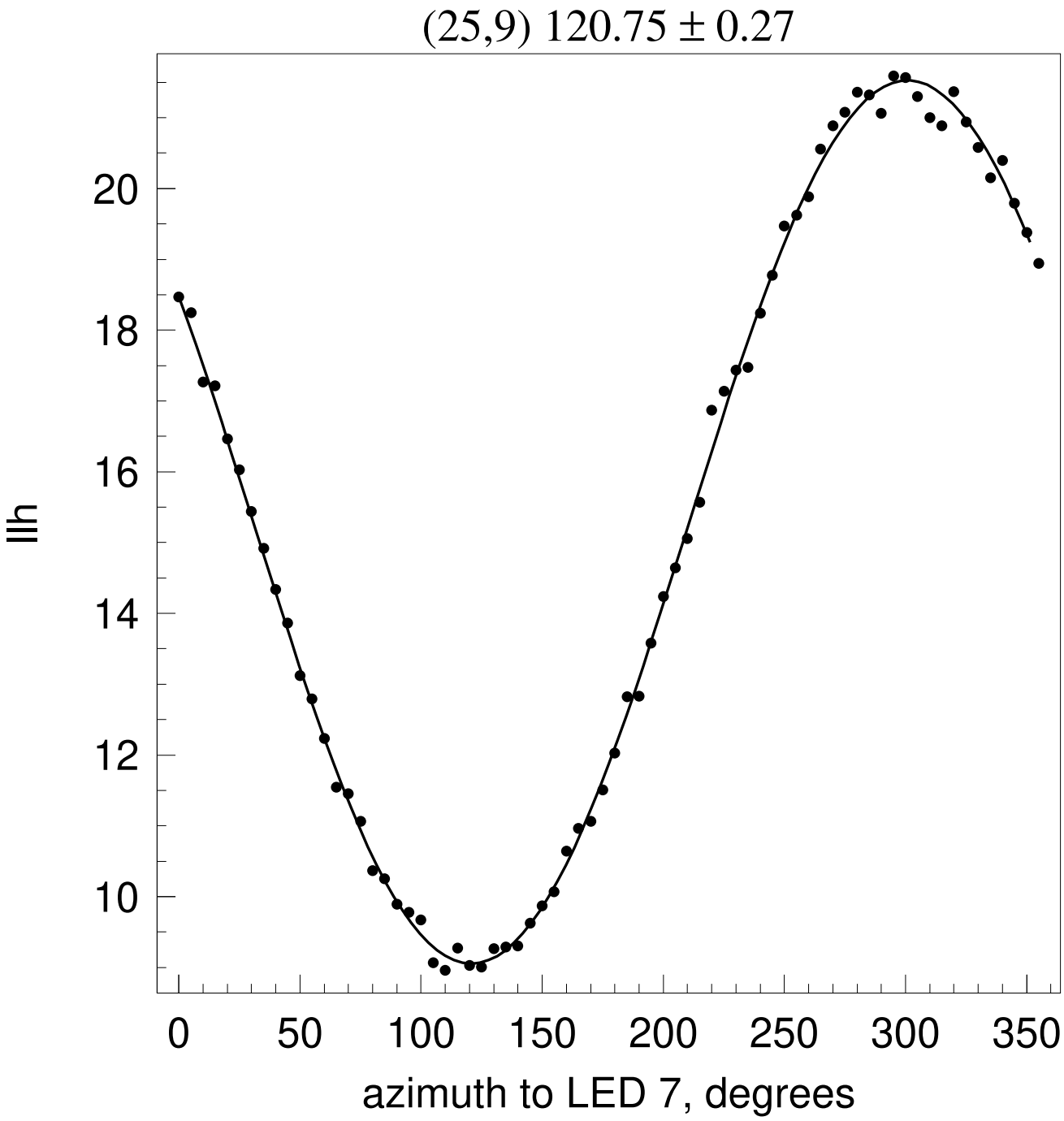

(25,4) 19.27 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

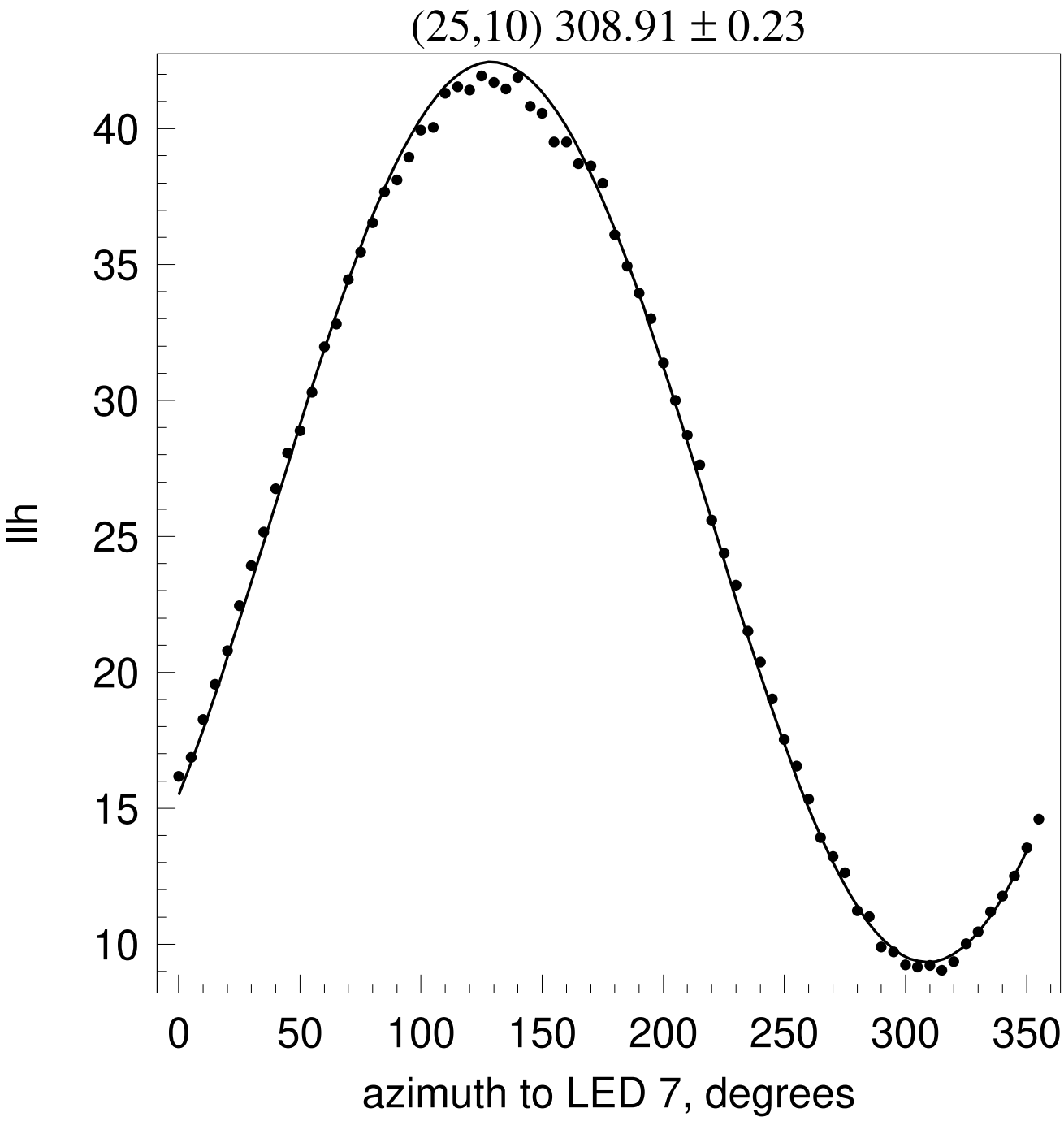

(25,5) 346.83 ± 0.24
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

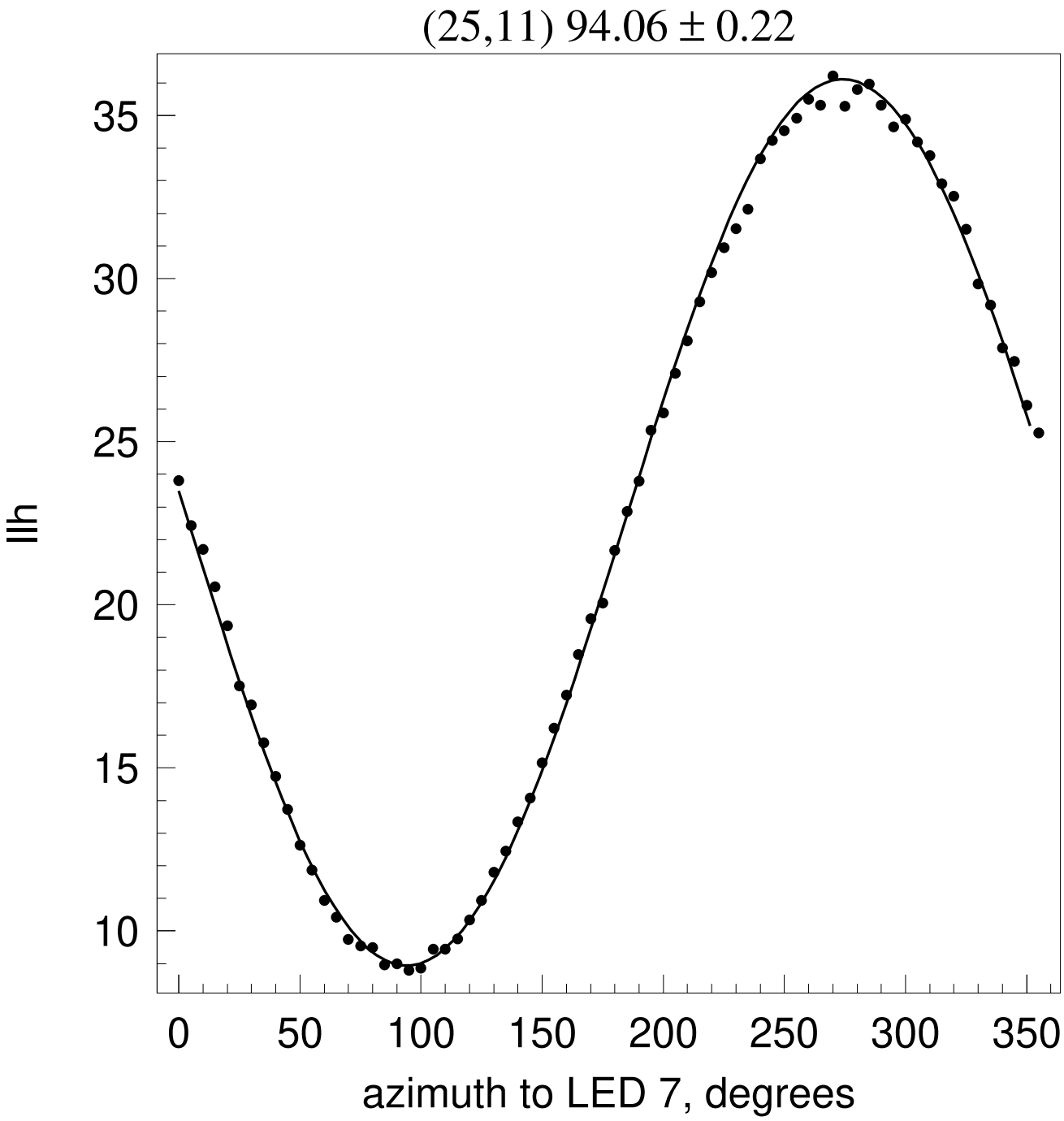

(25,6) 37.63 ± 0.19
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

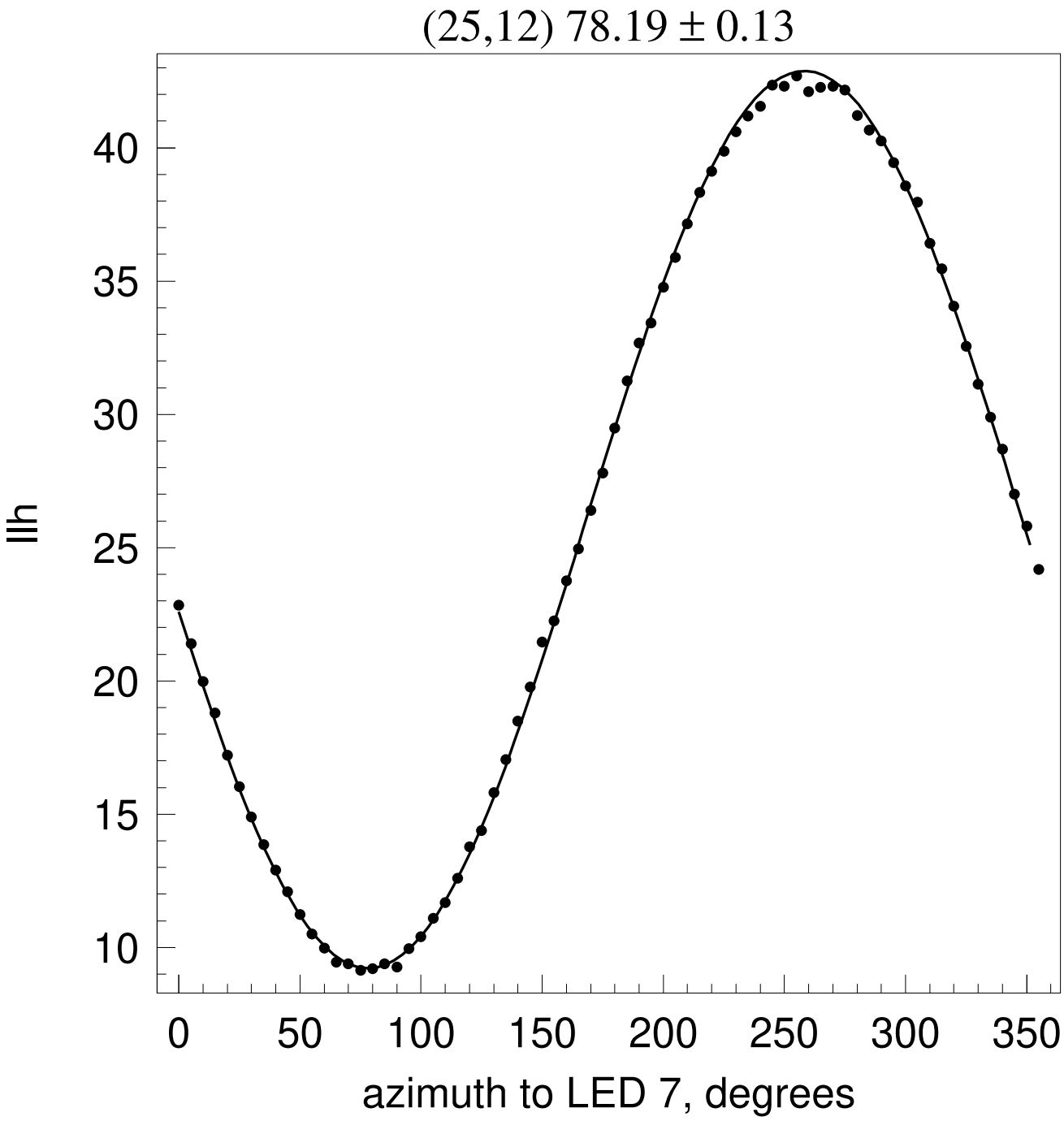

(25,7) 162.47 ± 0.36
llh
20
18
16
14
12
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

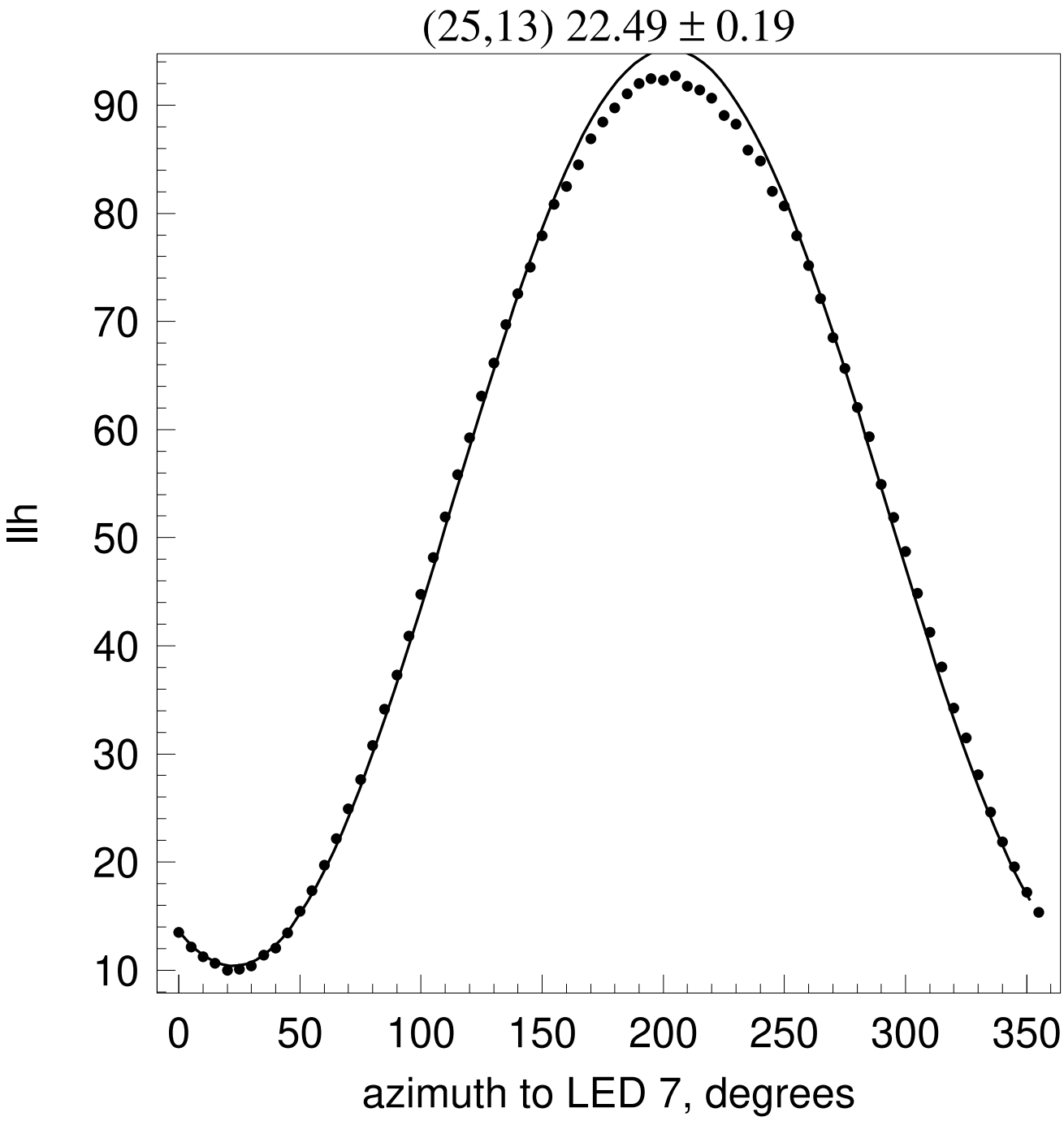

(25,8) 352.41 ± 0.26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

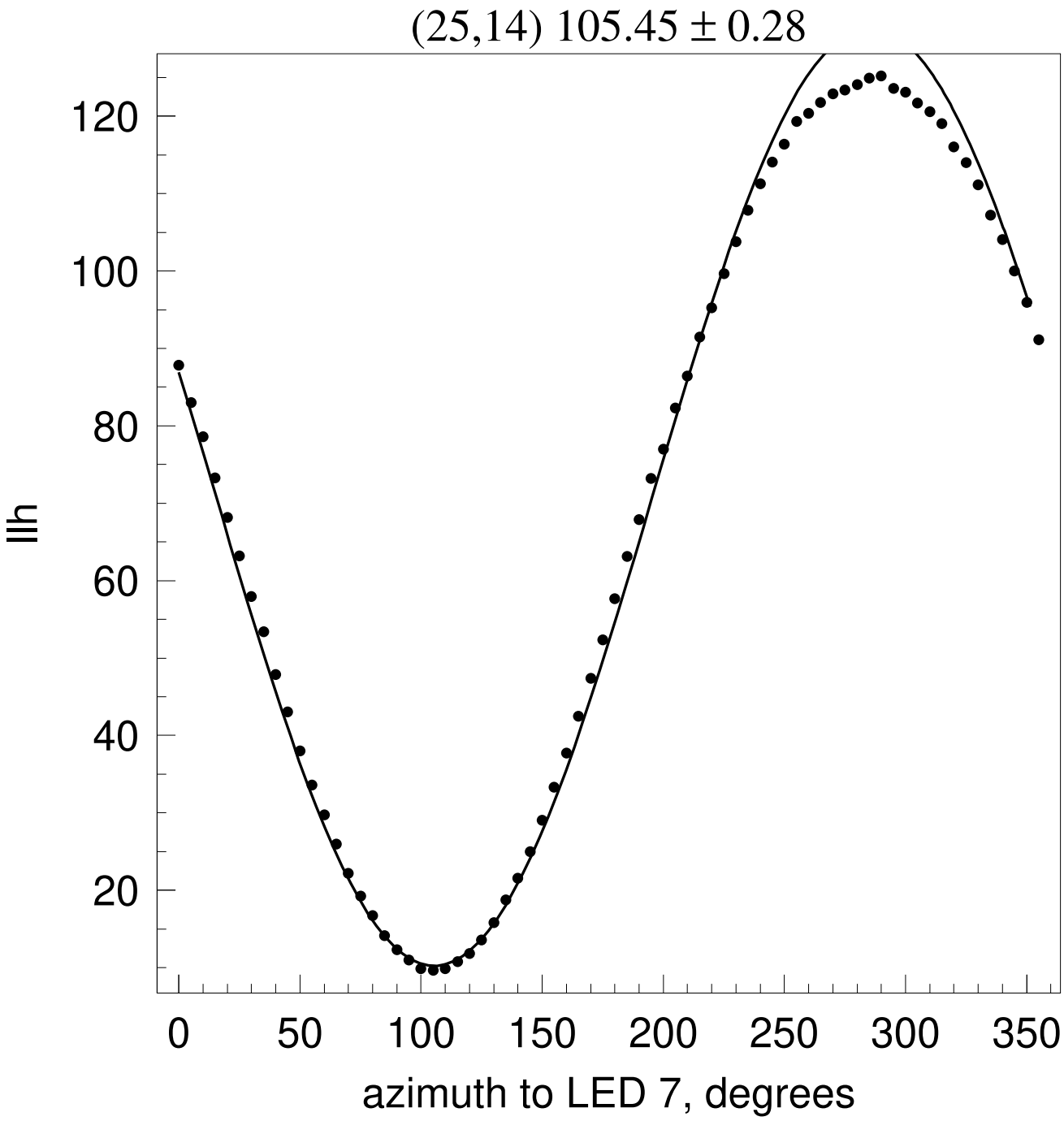

(25,9) 120.75 ± 0.27
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

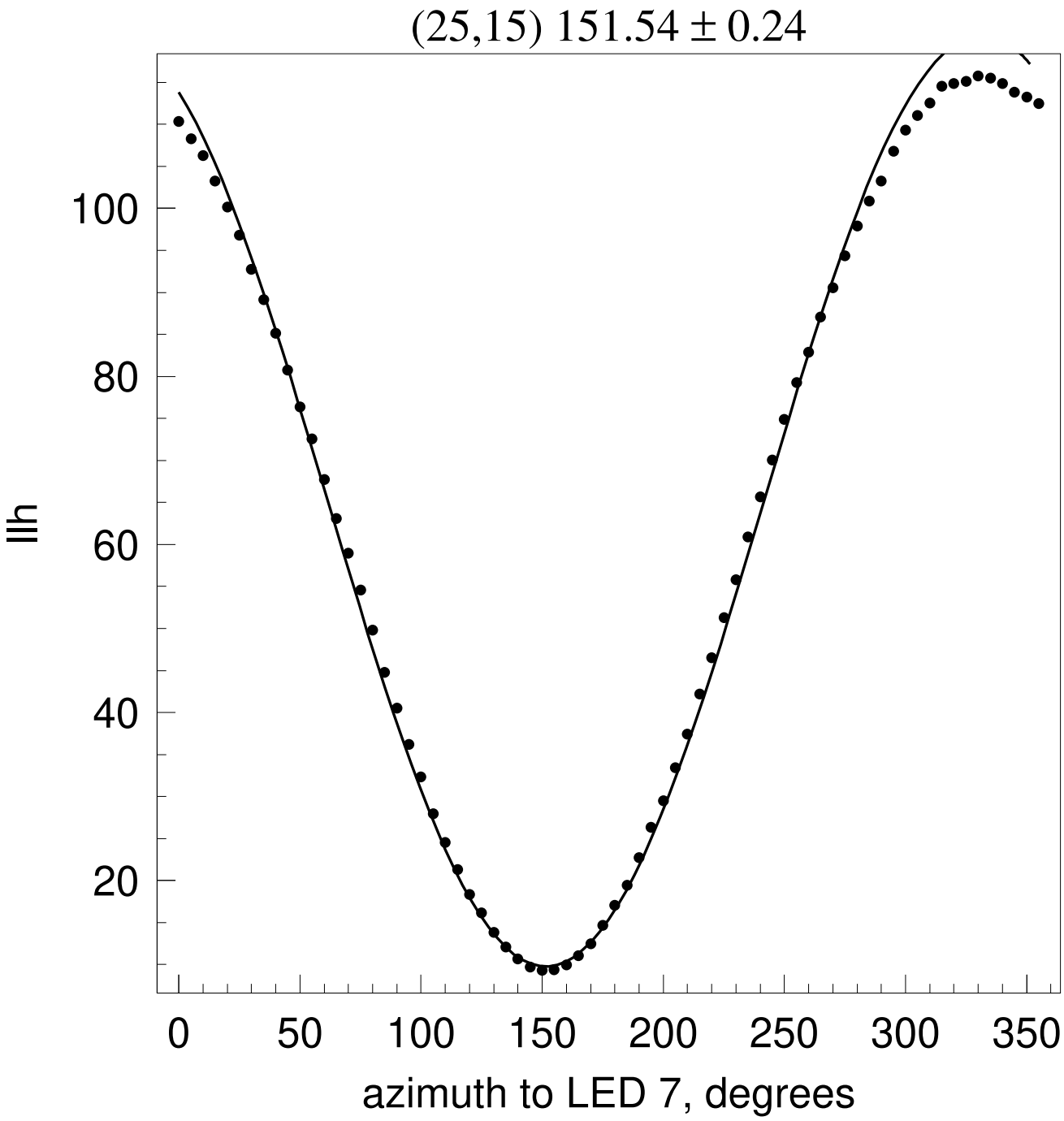

(25,10) 308.91 ± 0.23
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

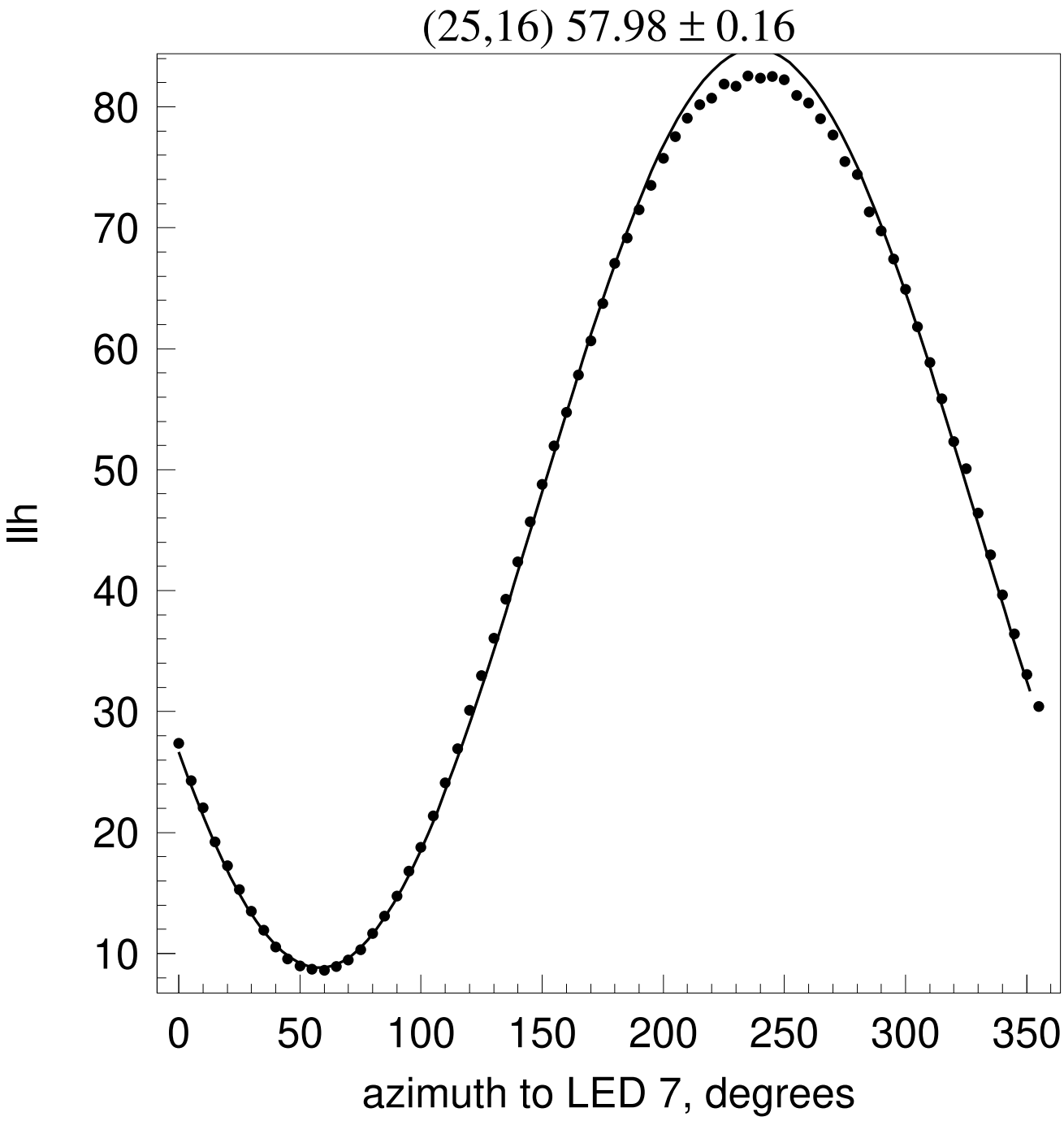

(25,11) 94.06 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

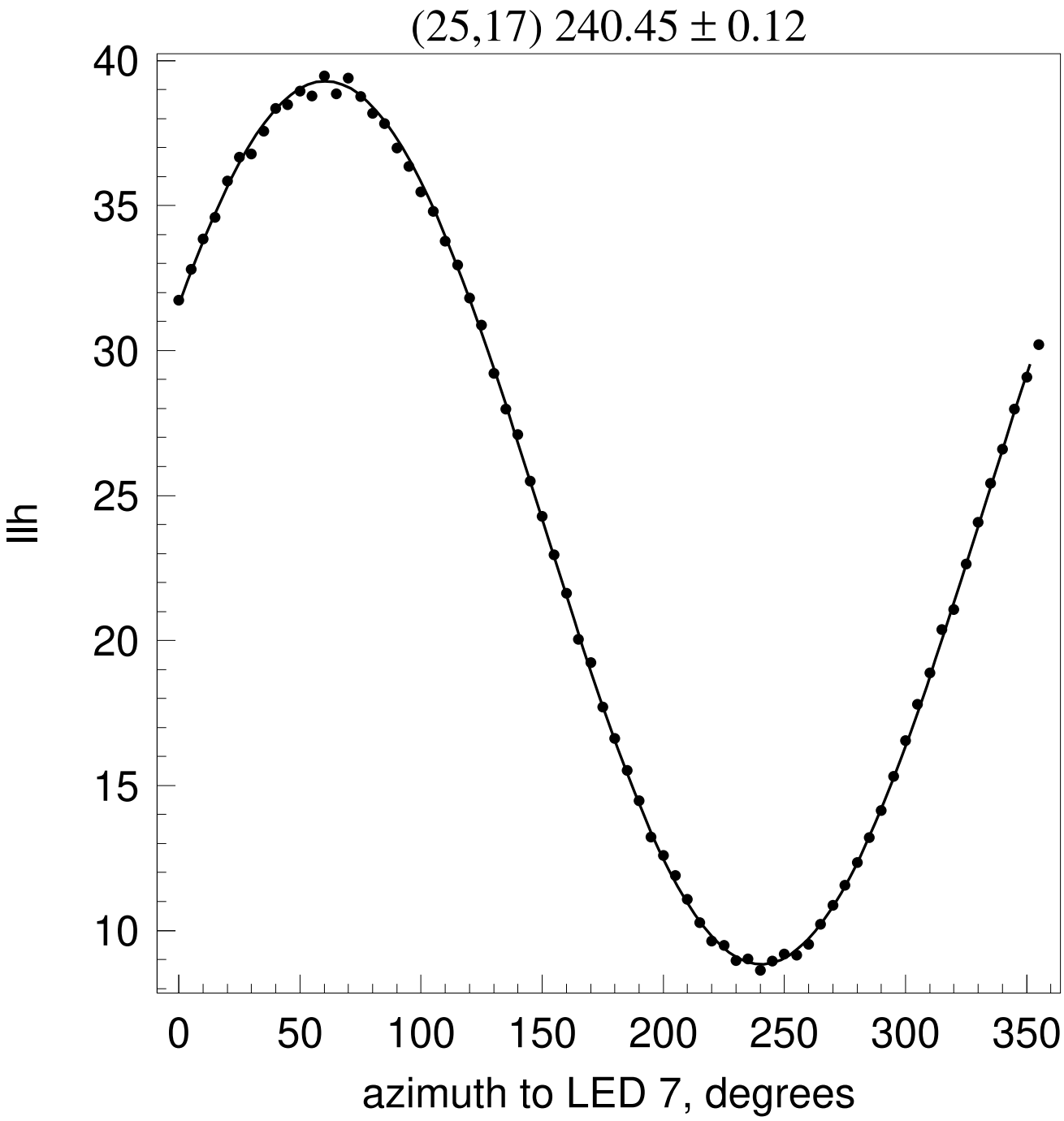

(25,12) 78.19 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

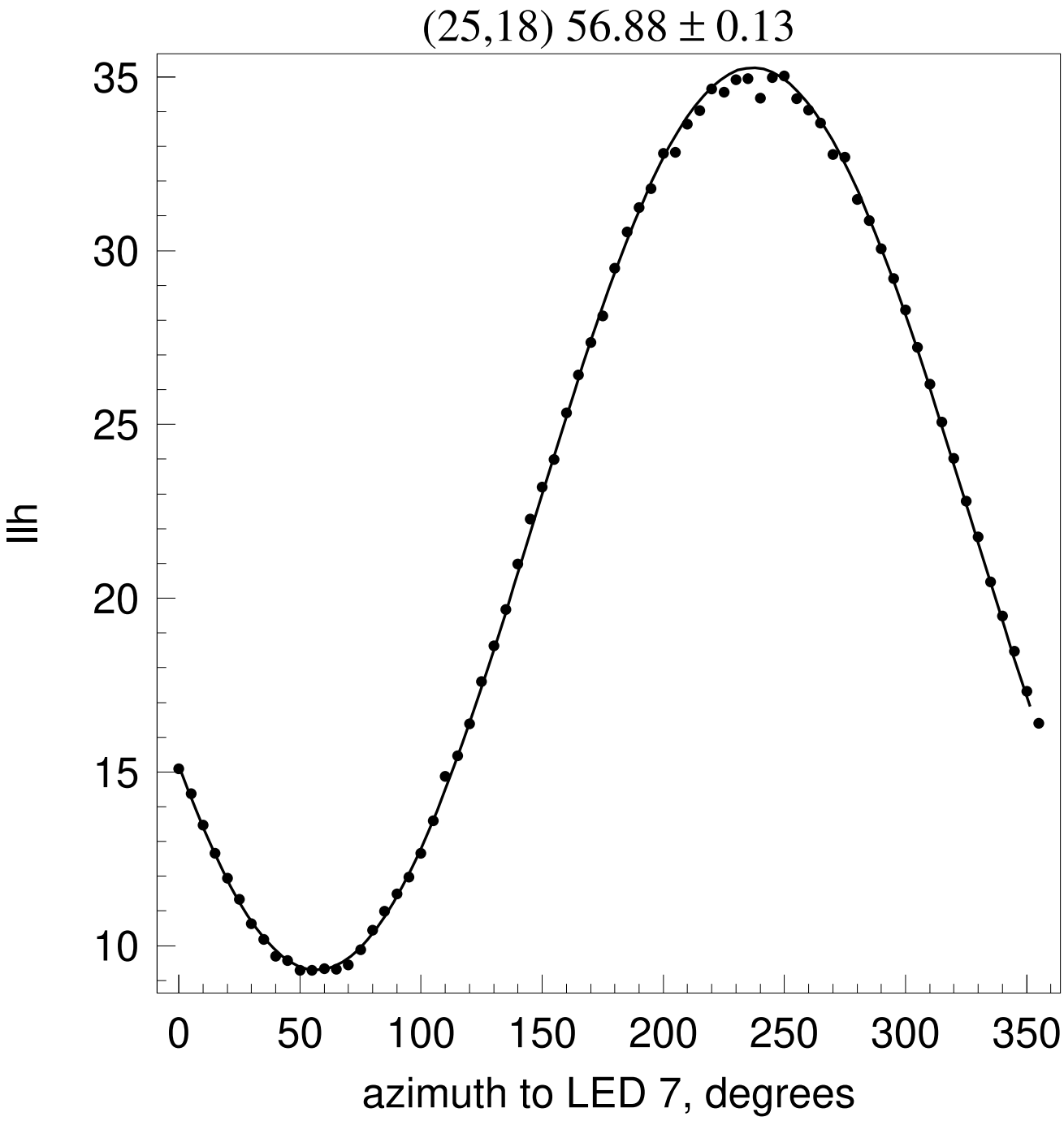

(25,13) 22.49 ± 0.19
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

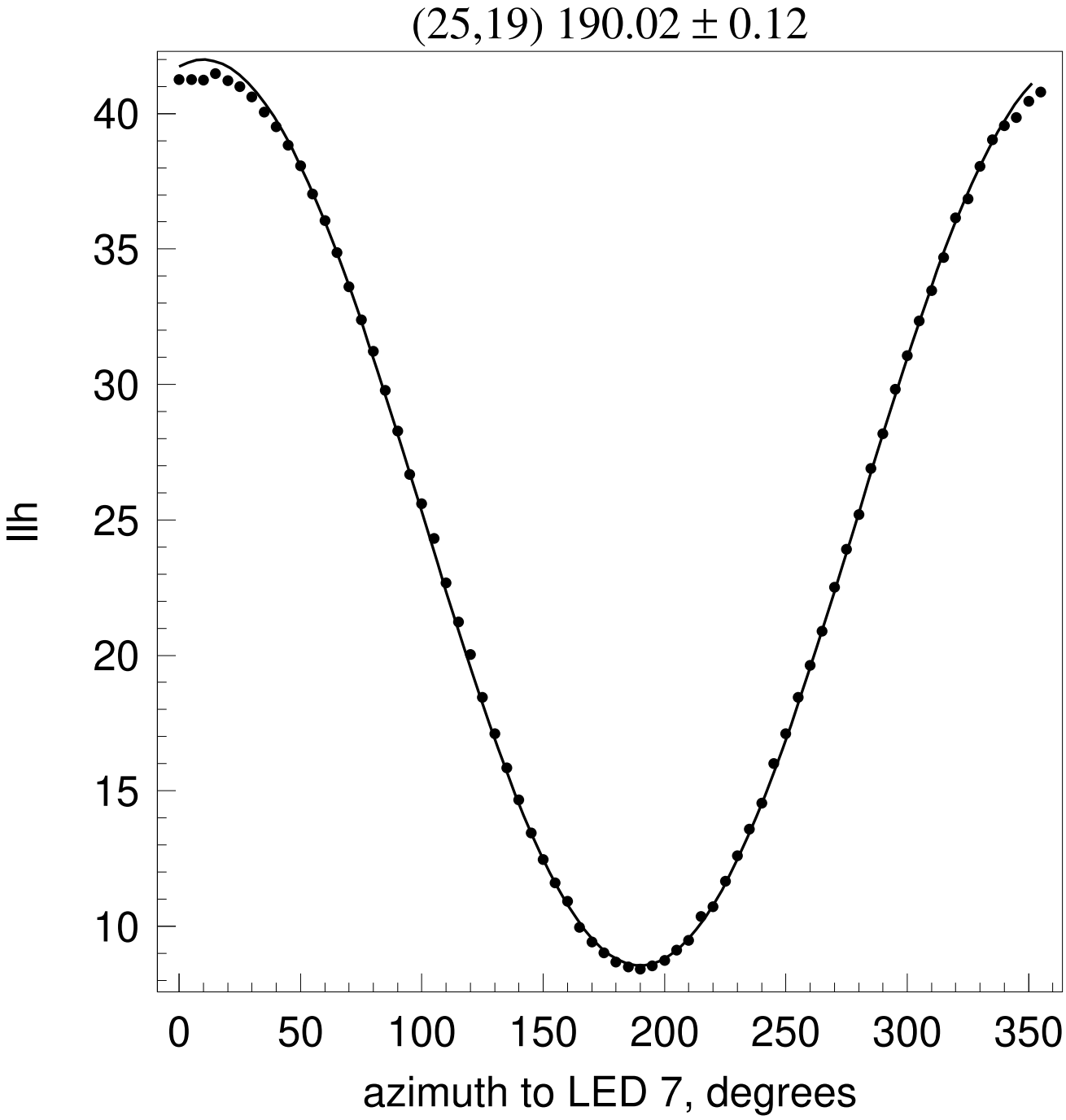

(25,14) 105.45 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

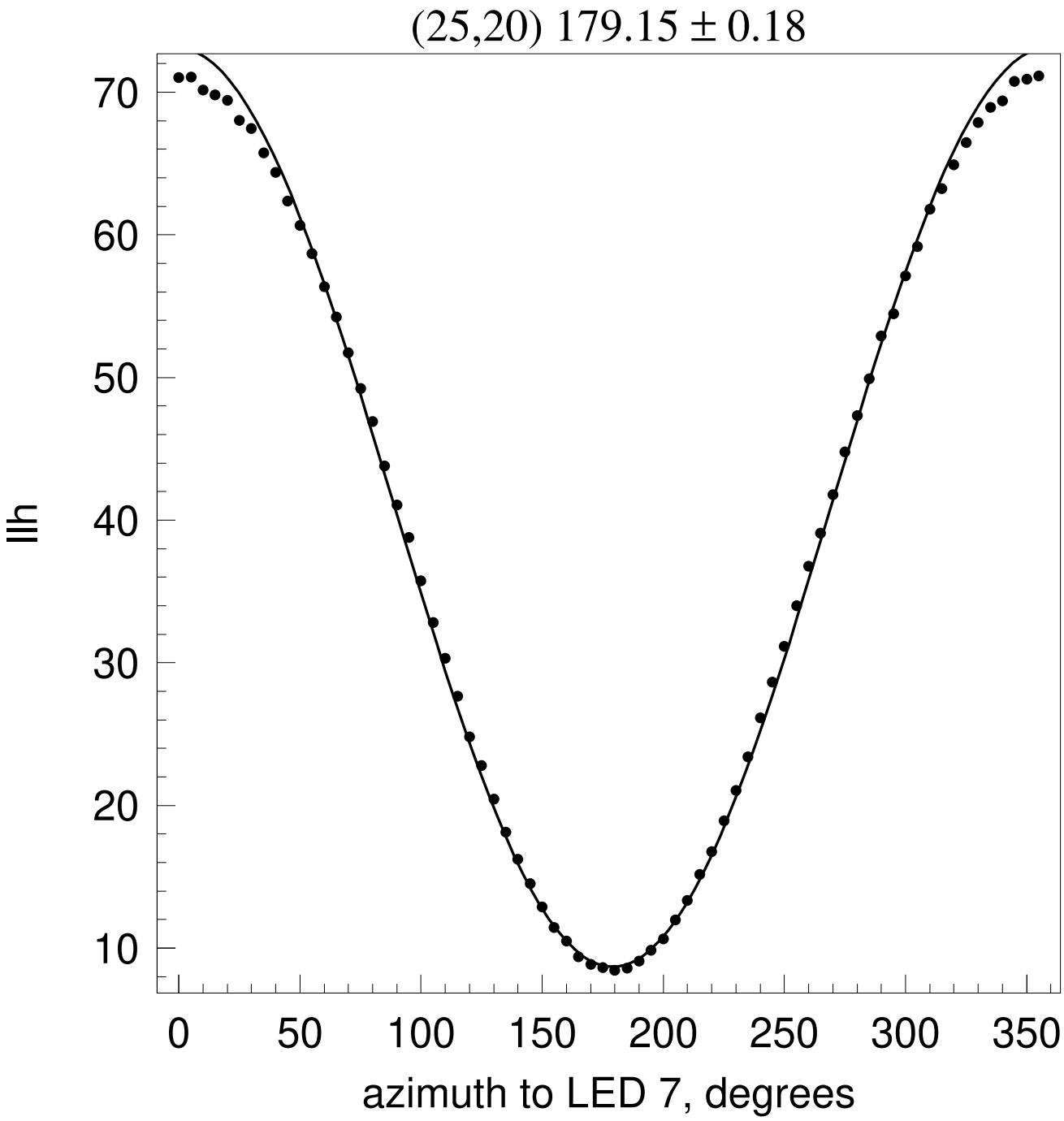

(25,15) 151.54 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

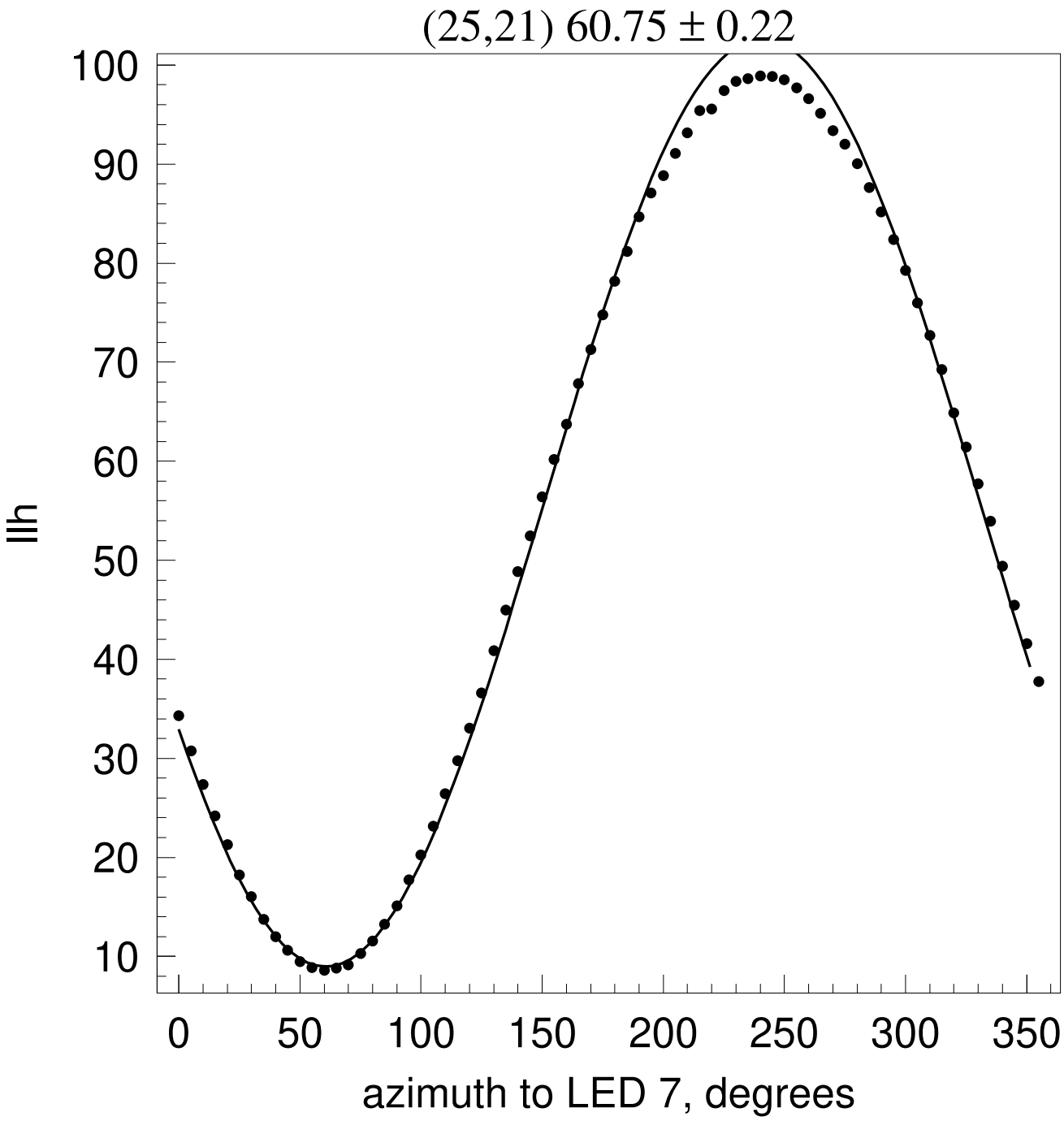

(25,16) 57.98 ± 0.16
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

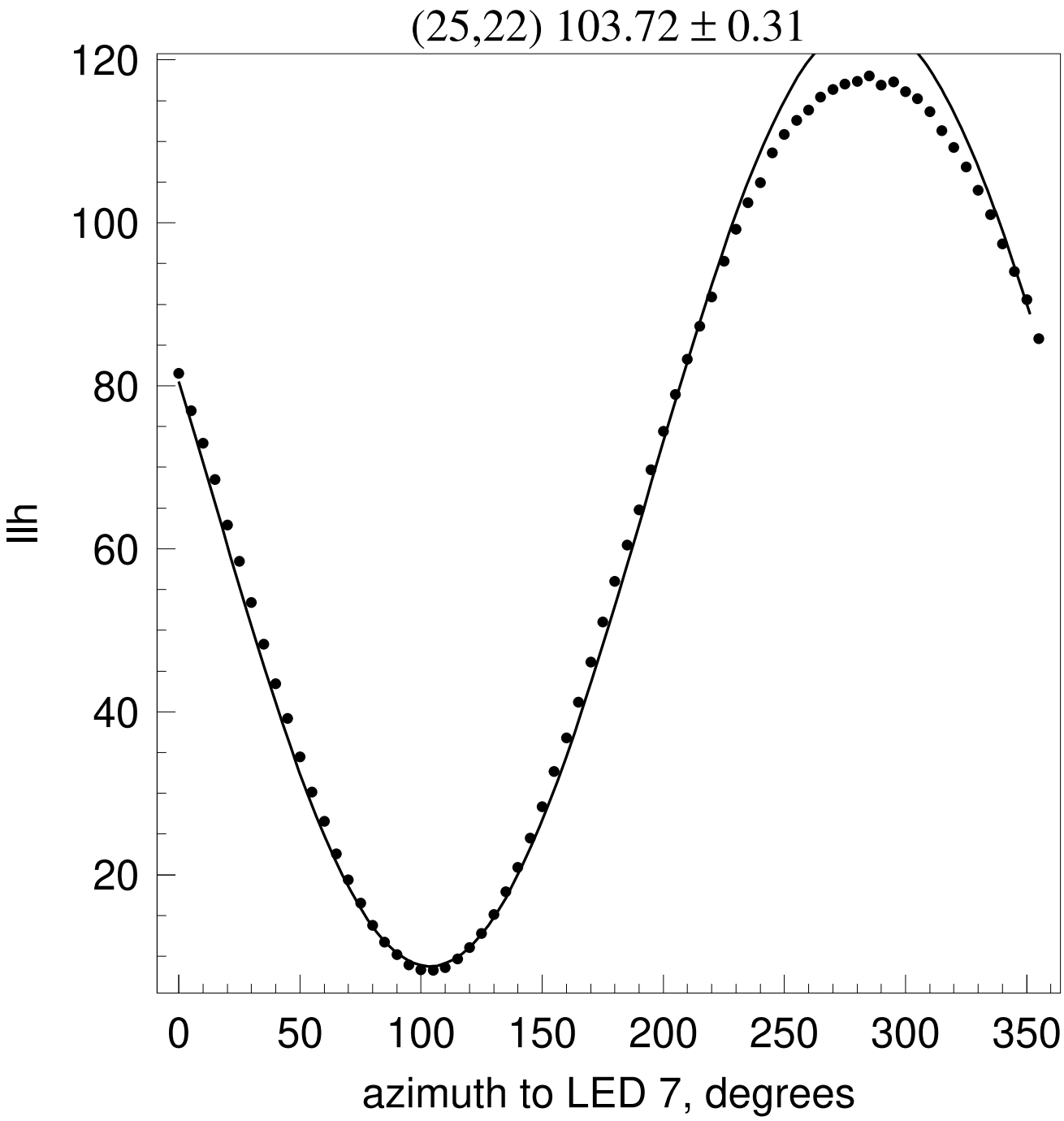

(25,17) 240.45 ± 0.12
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

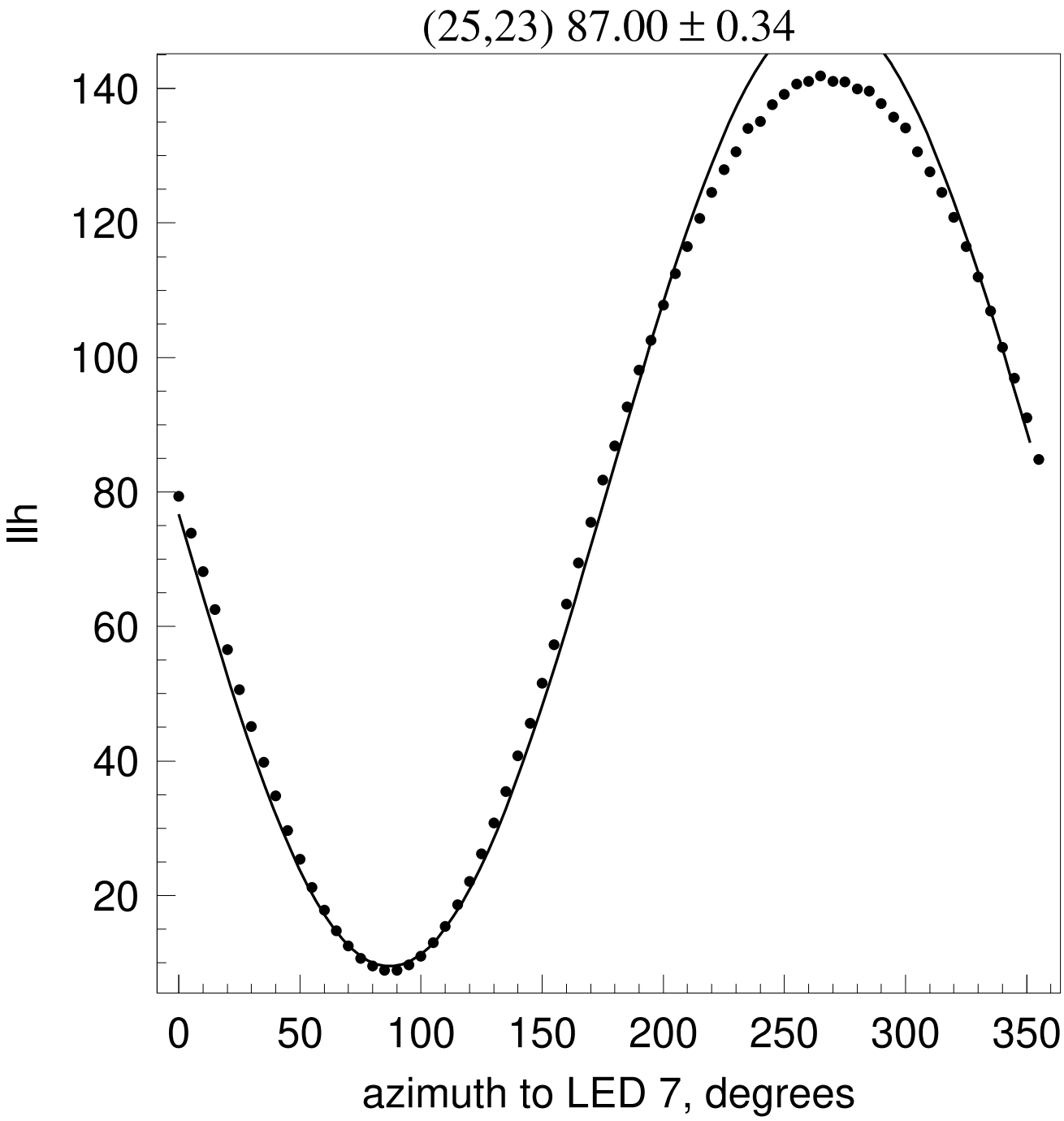

(25,18) 56.88 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

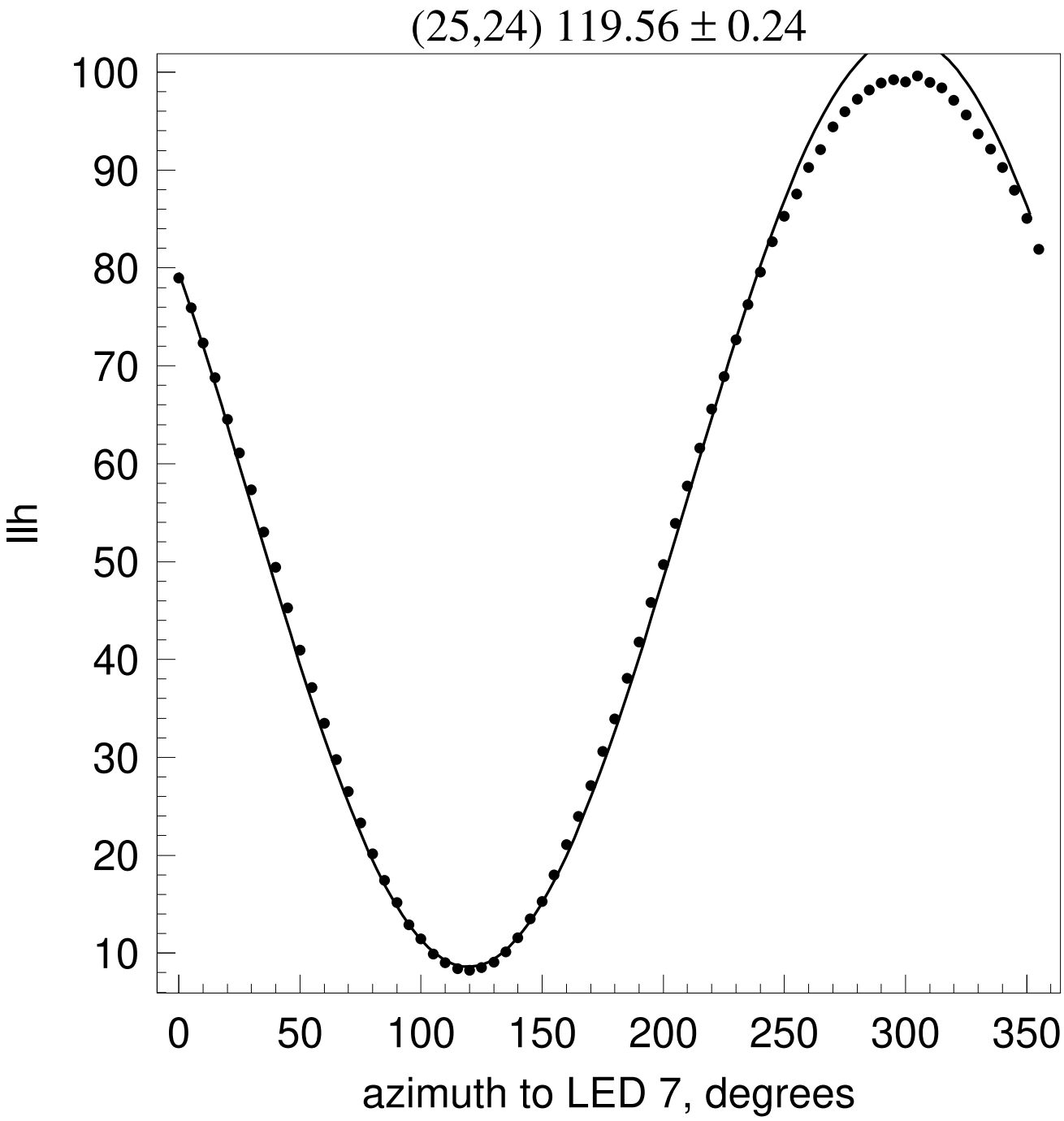

(25,19) 190.02 ± 0.12
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

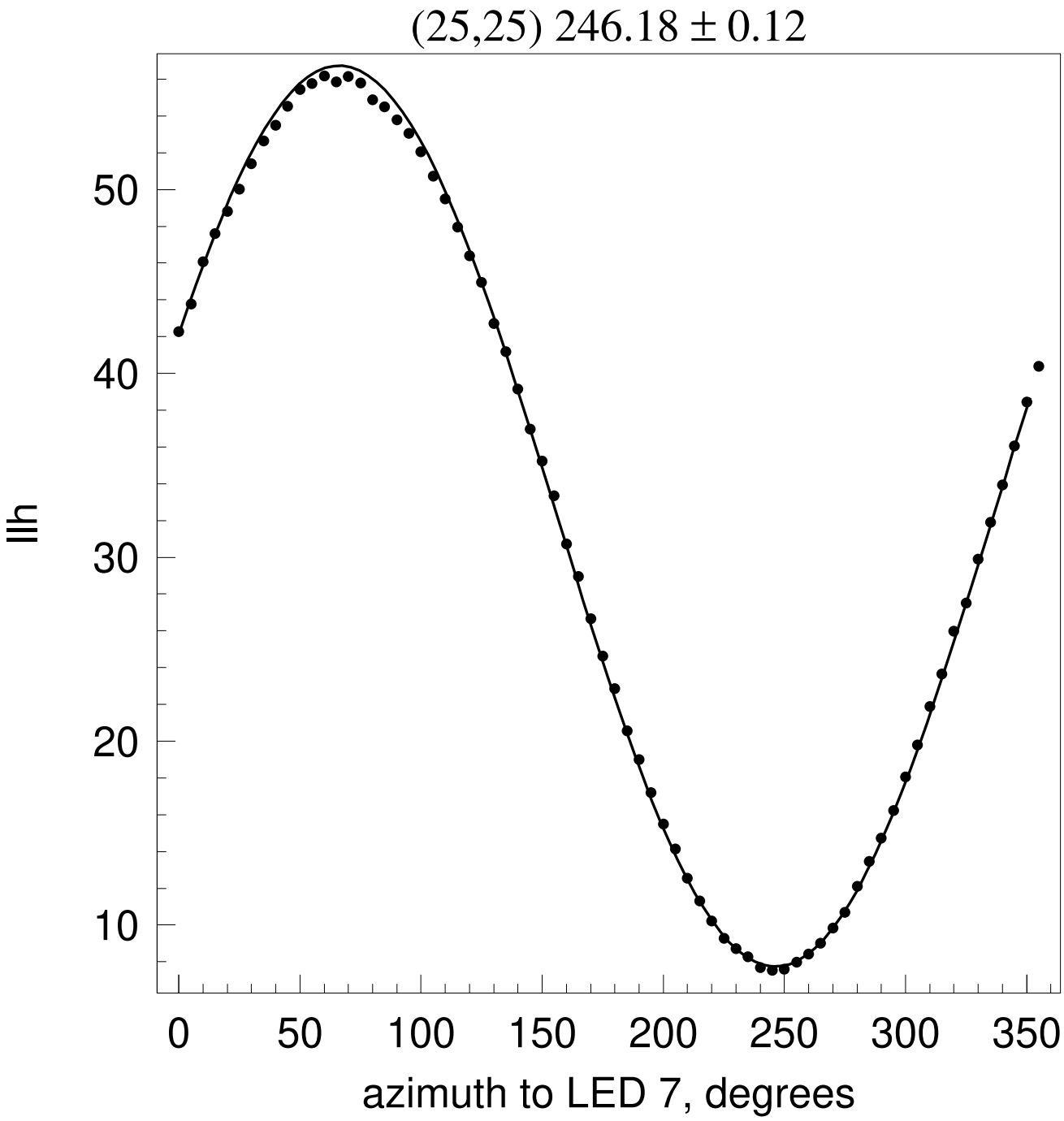

(25,20) 179.15 ± 0.18
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

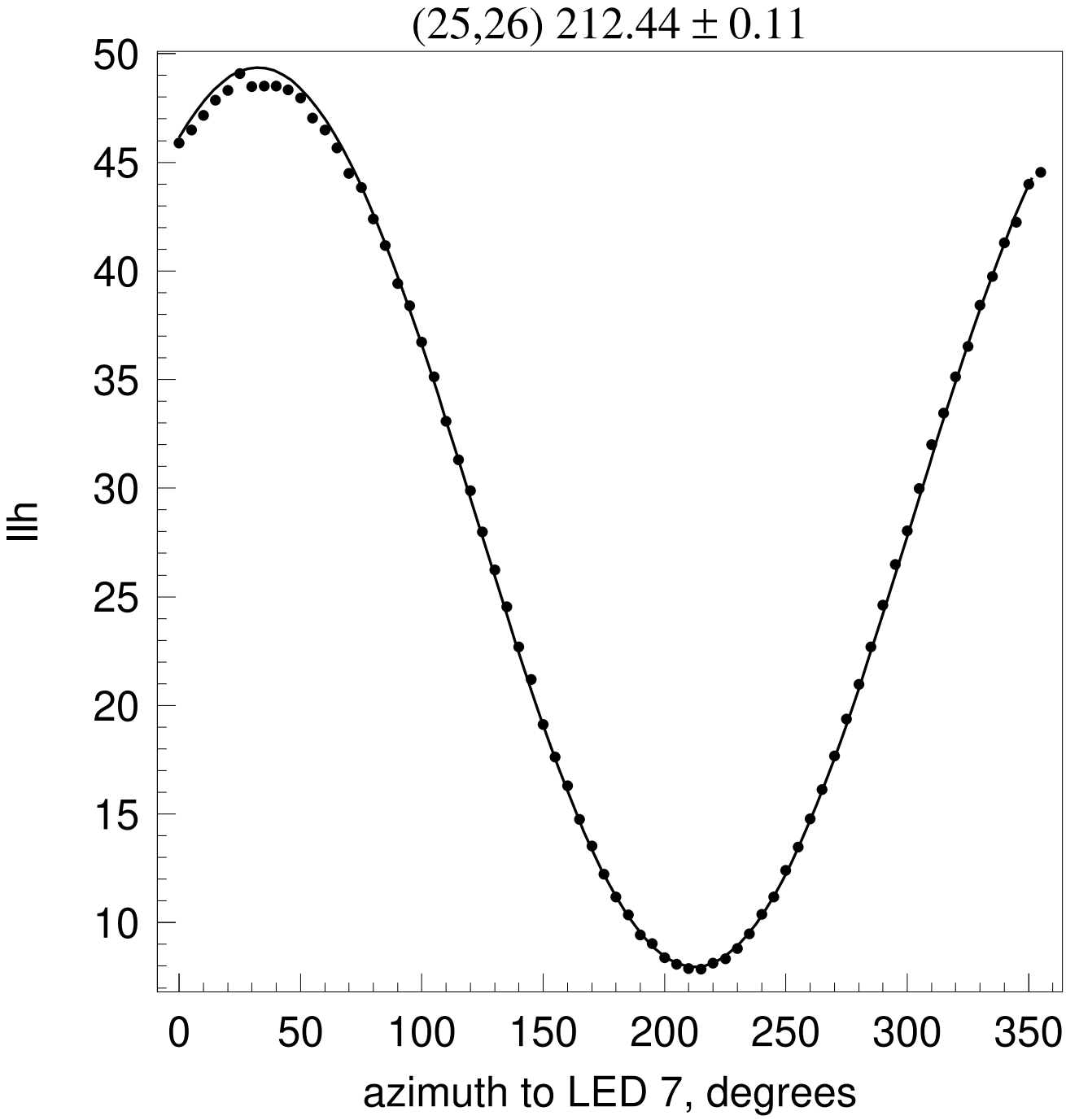

(25,21) 60.75 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

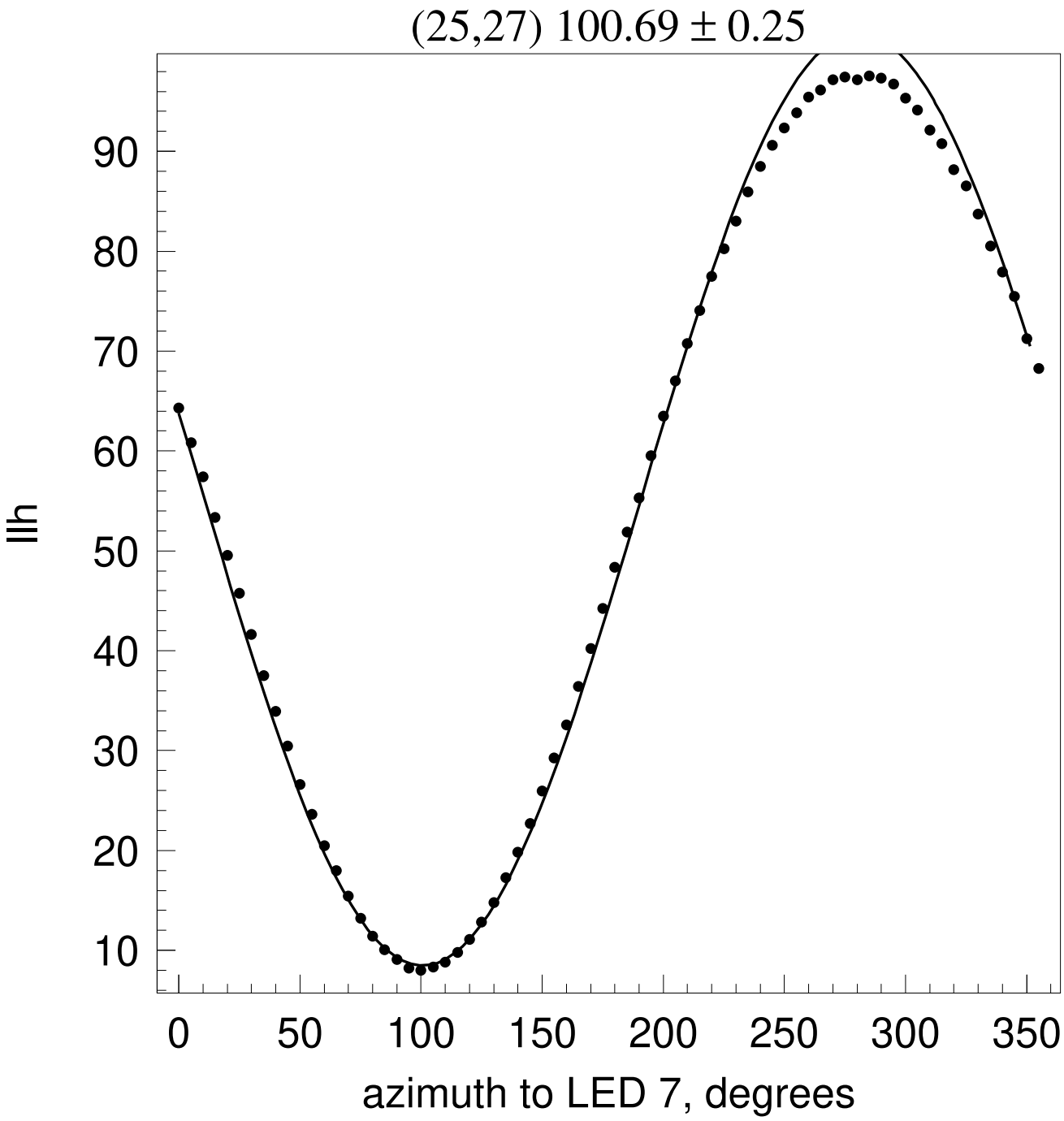

(25,22) 103.72 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

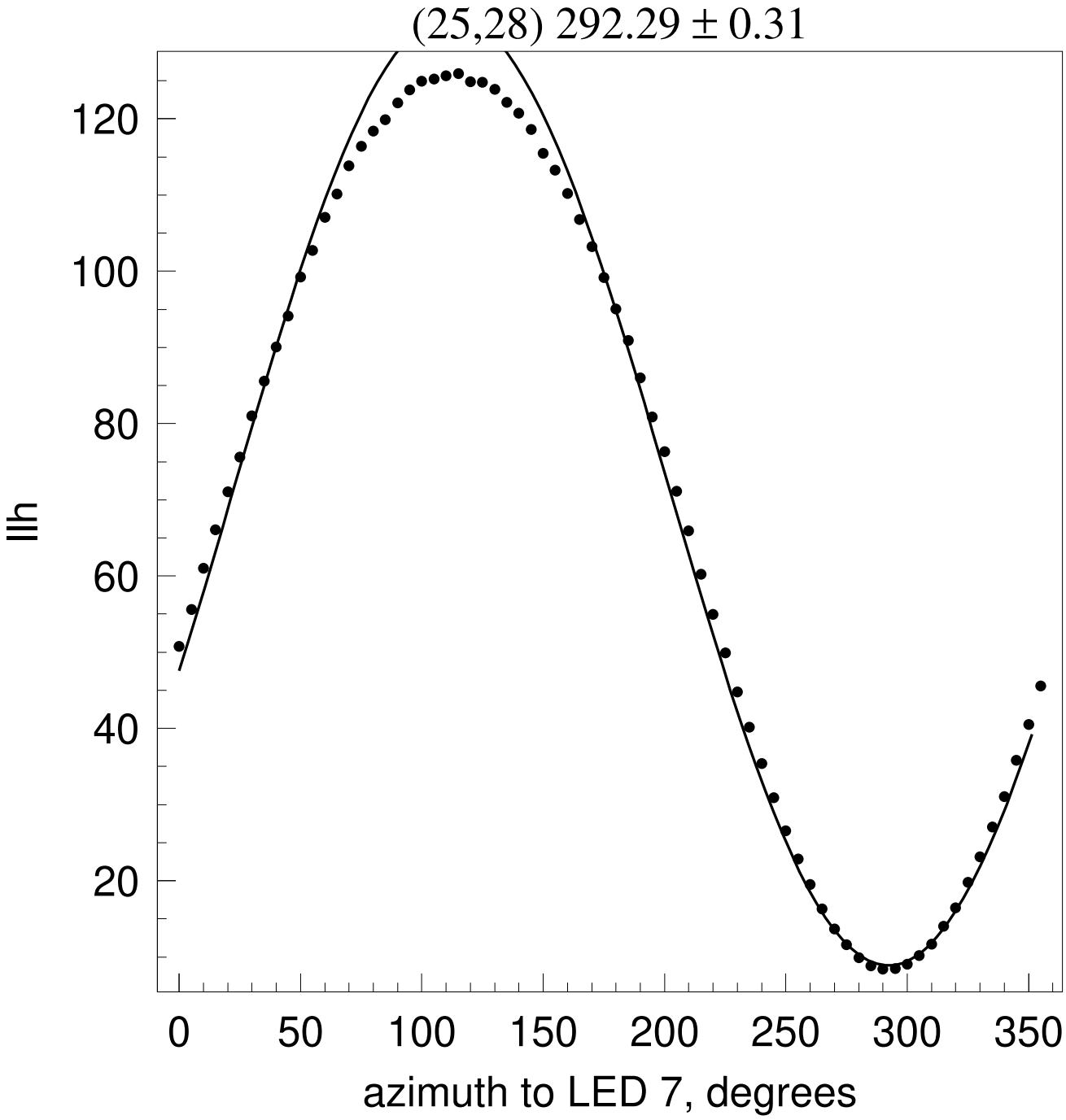

(25,23) 87.00 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

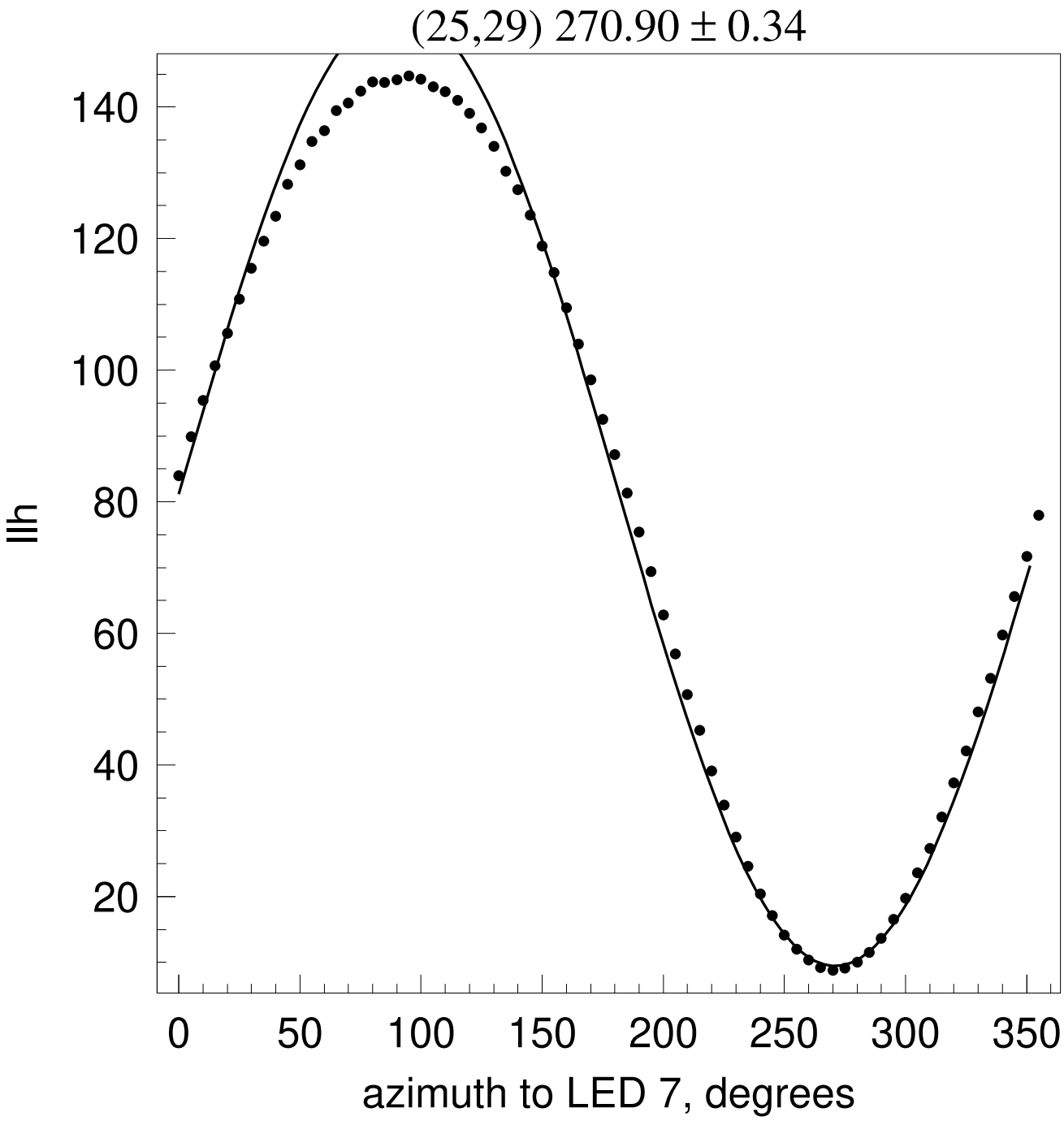

(25,24) 119.56 ± 0.24
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

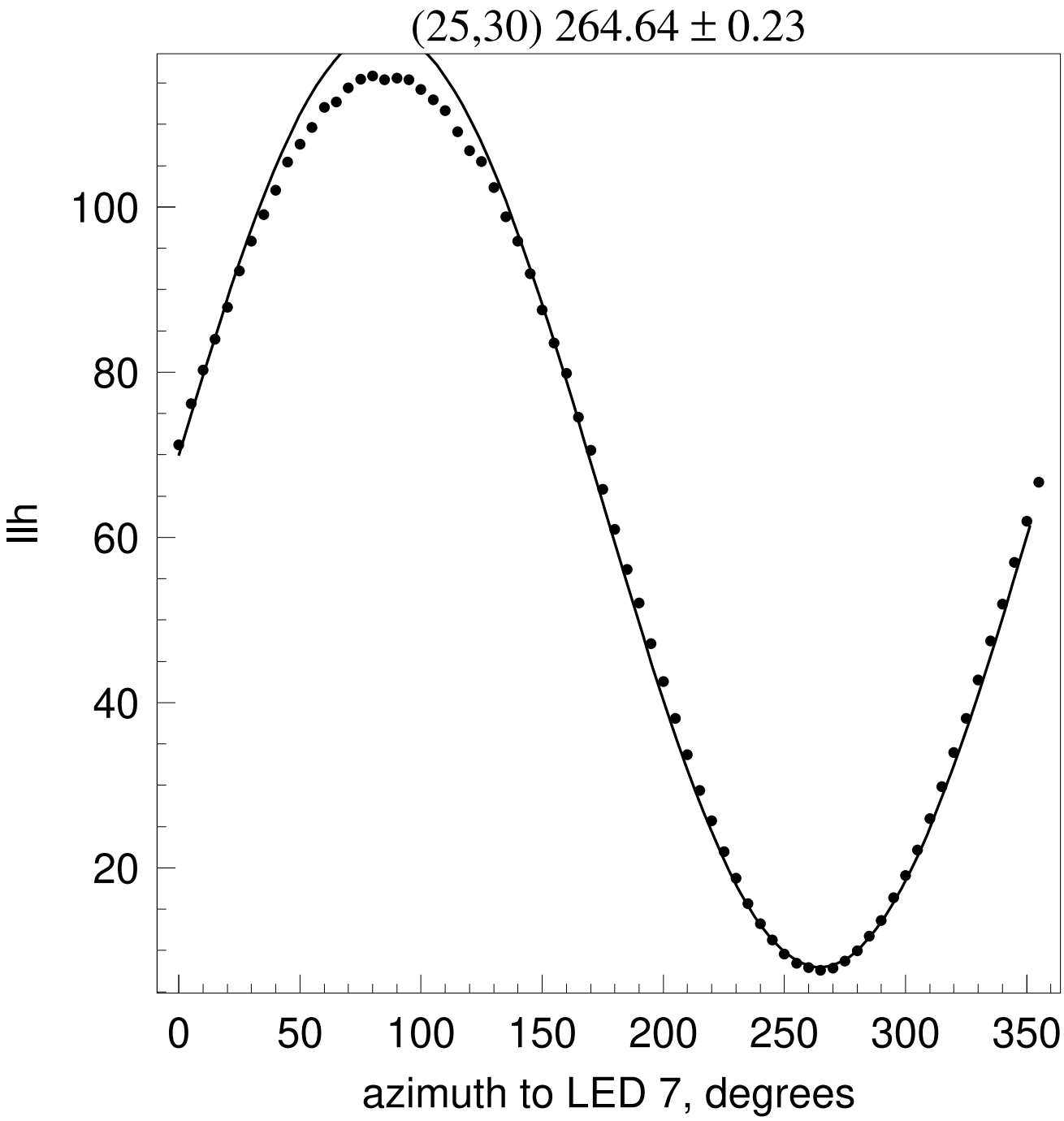

(25,25) 246.18 ± 0.12
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

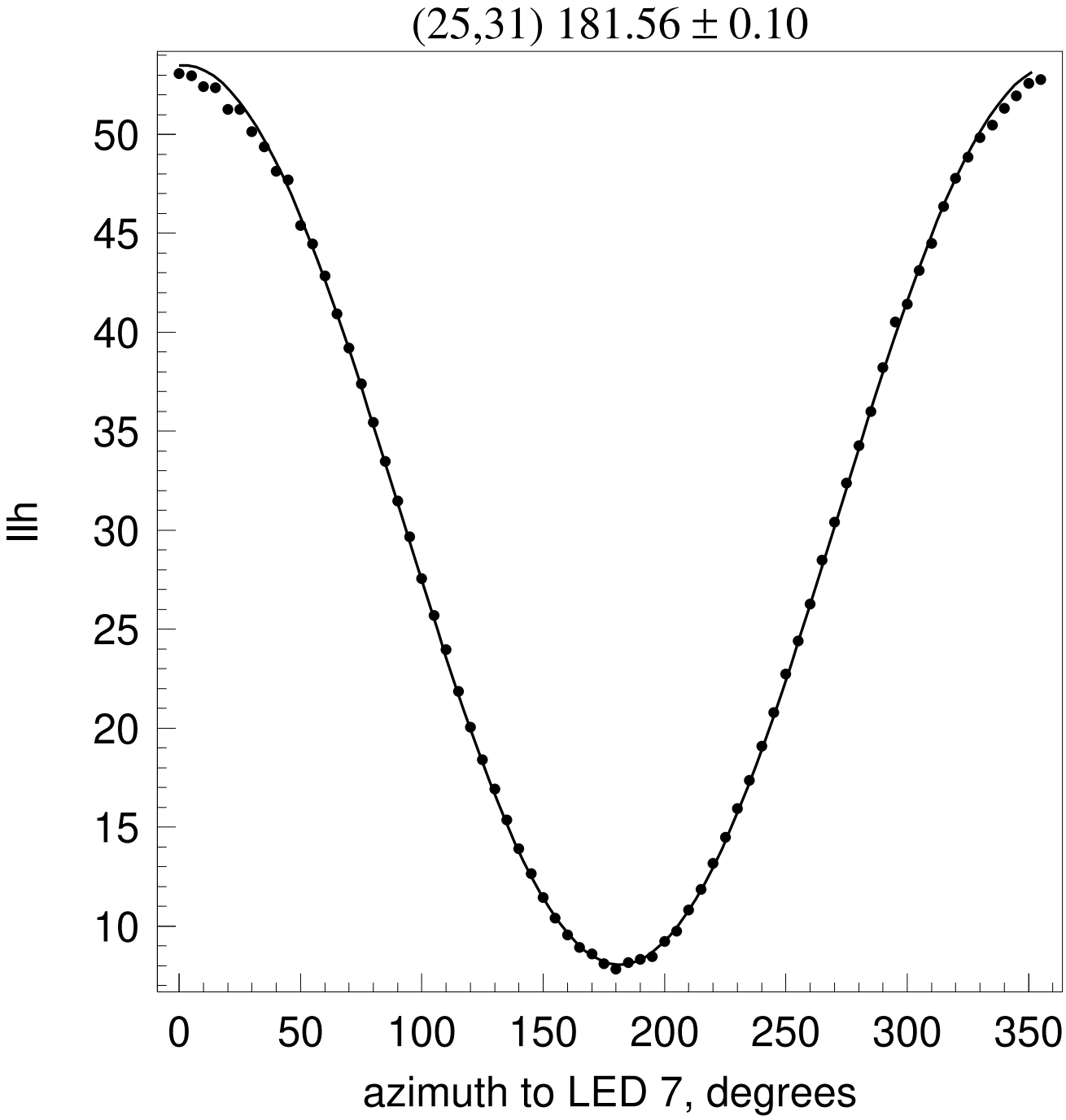

(25,26) 212.44 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

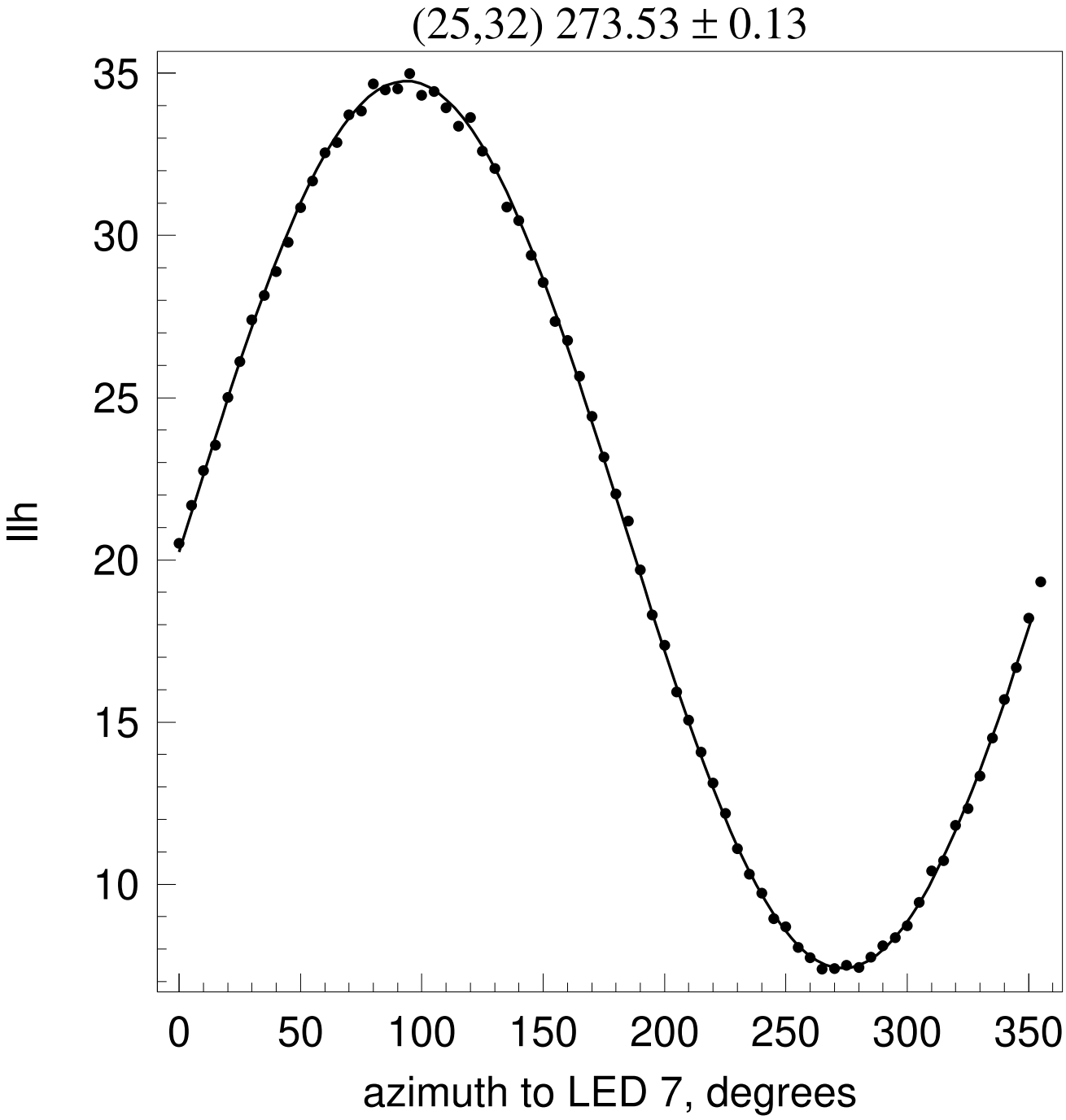

(25,27) 100.69 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

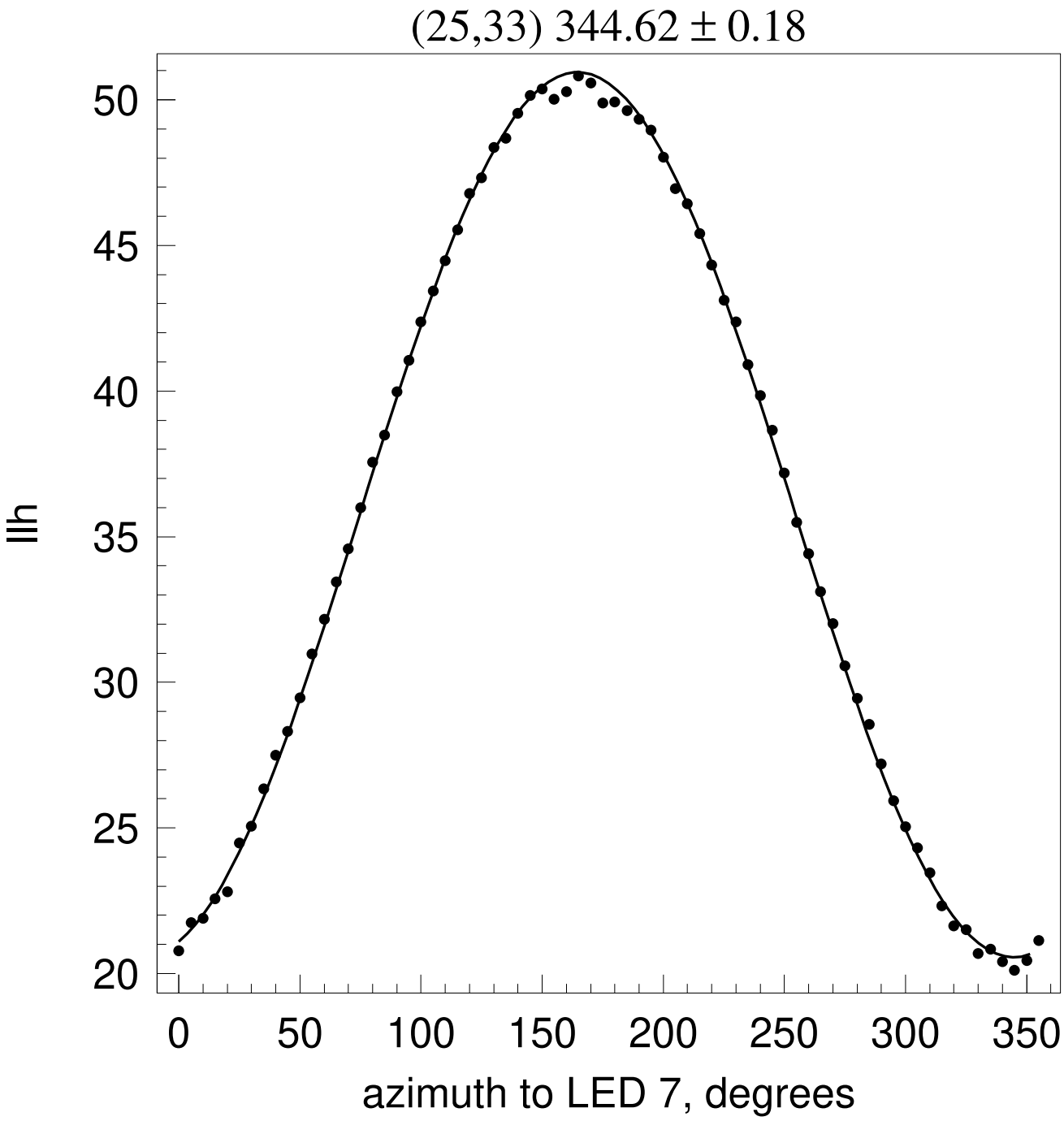

(25,28) 292.29 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

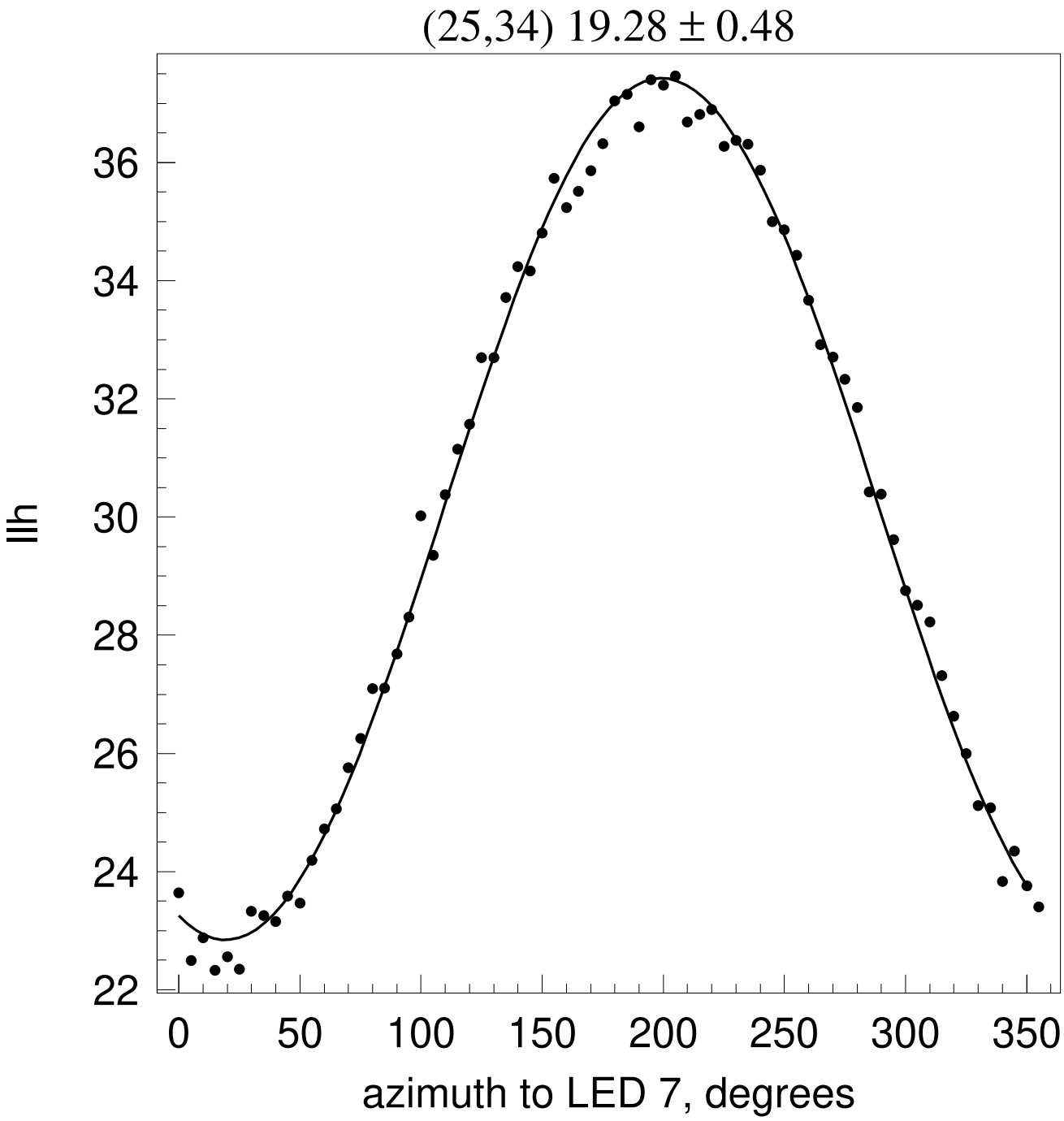

(25,29) 270.90 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

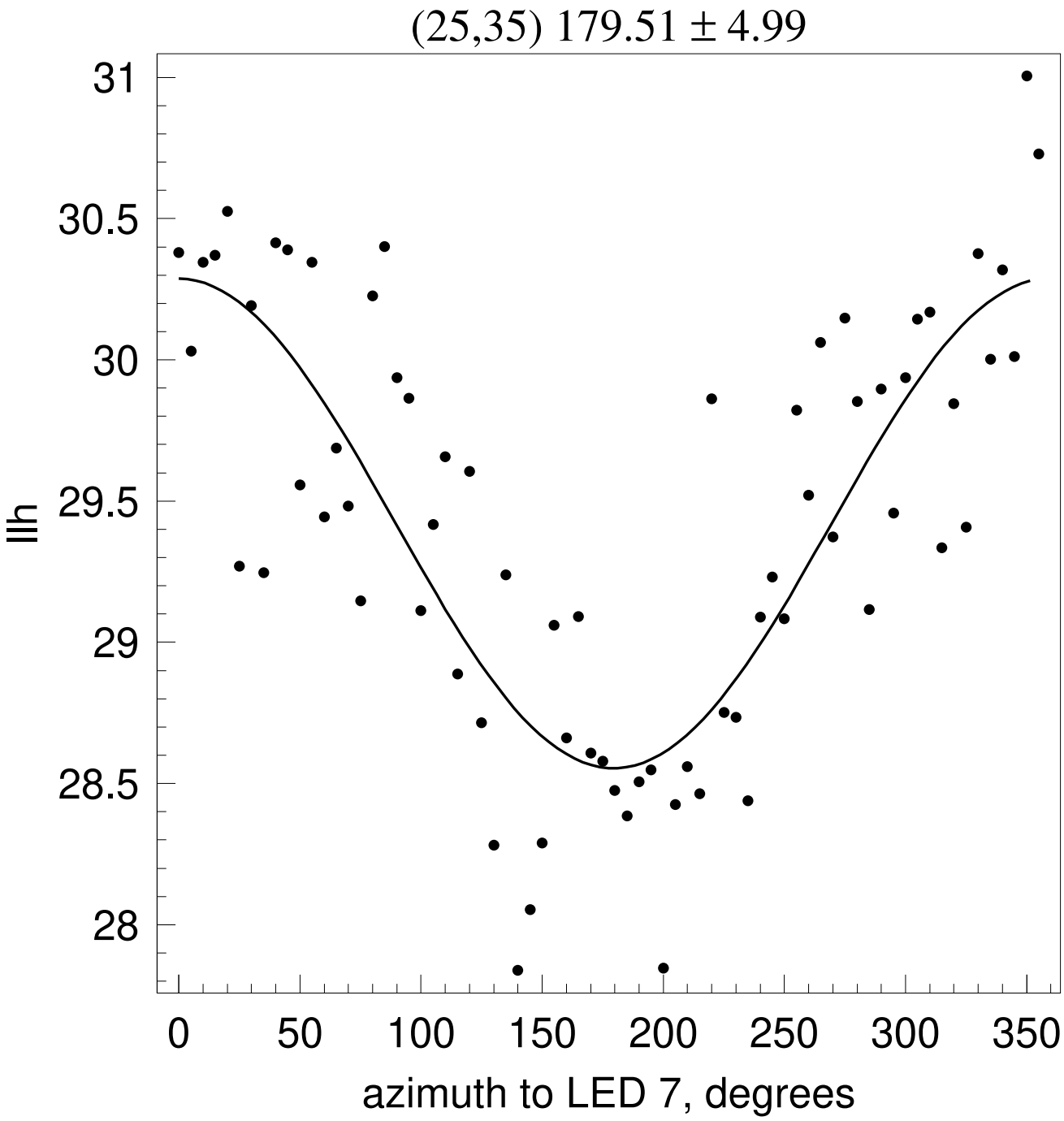

(25,30) 264.64 ± 0.23
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

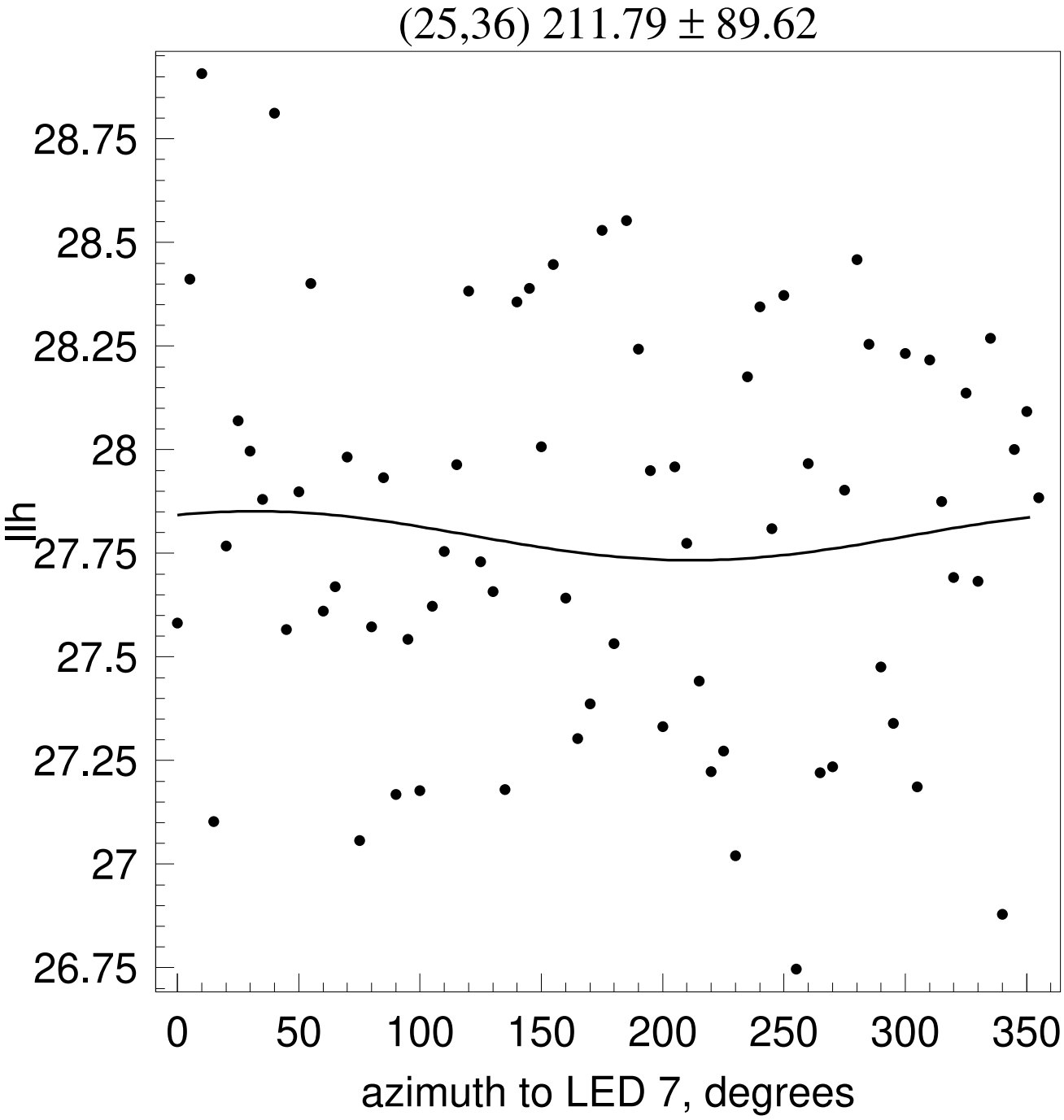

(25,31) 181.56 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

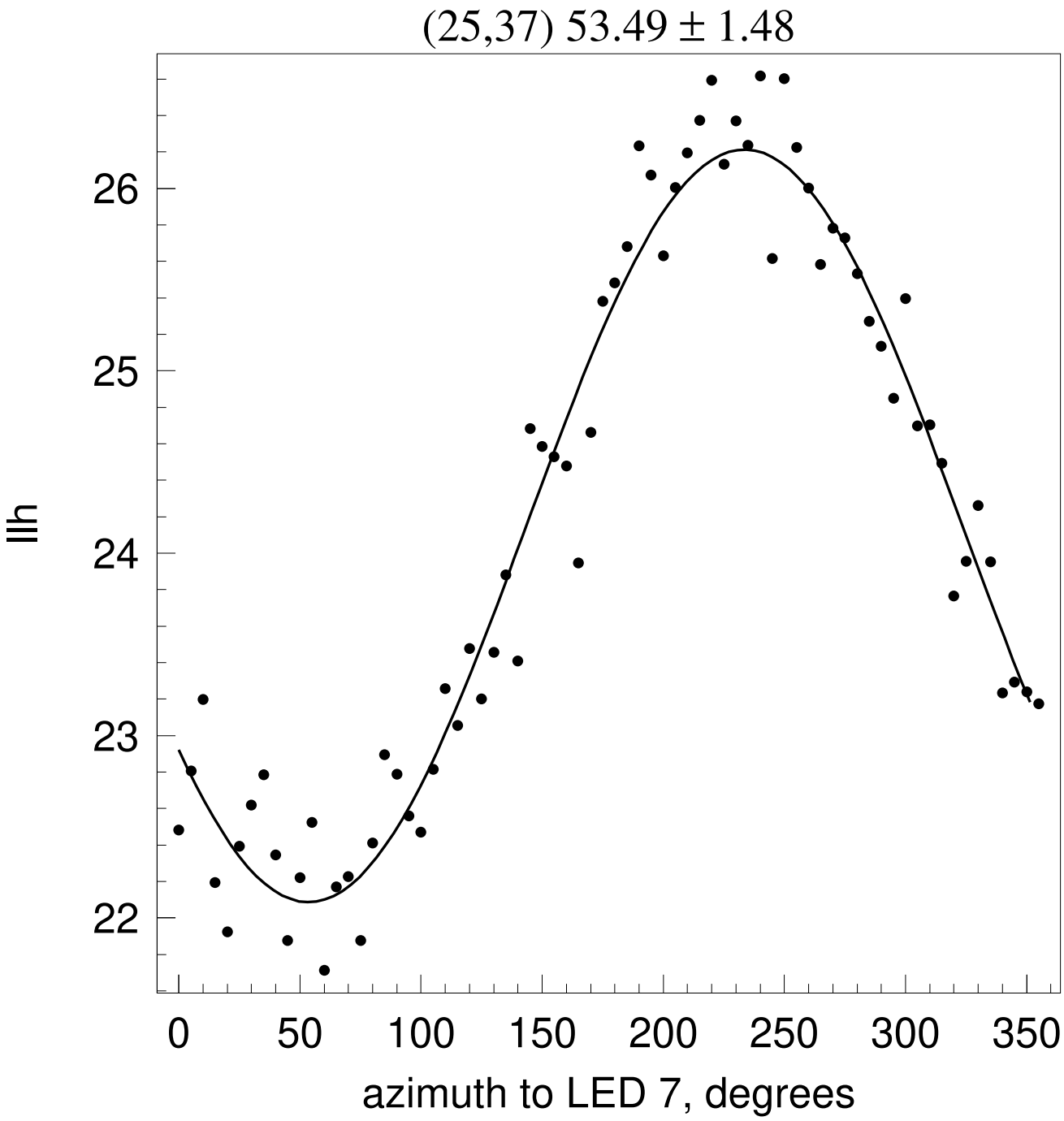

(25,32) 273.53 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

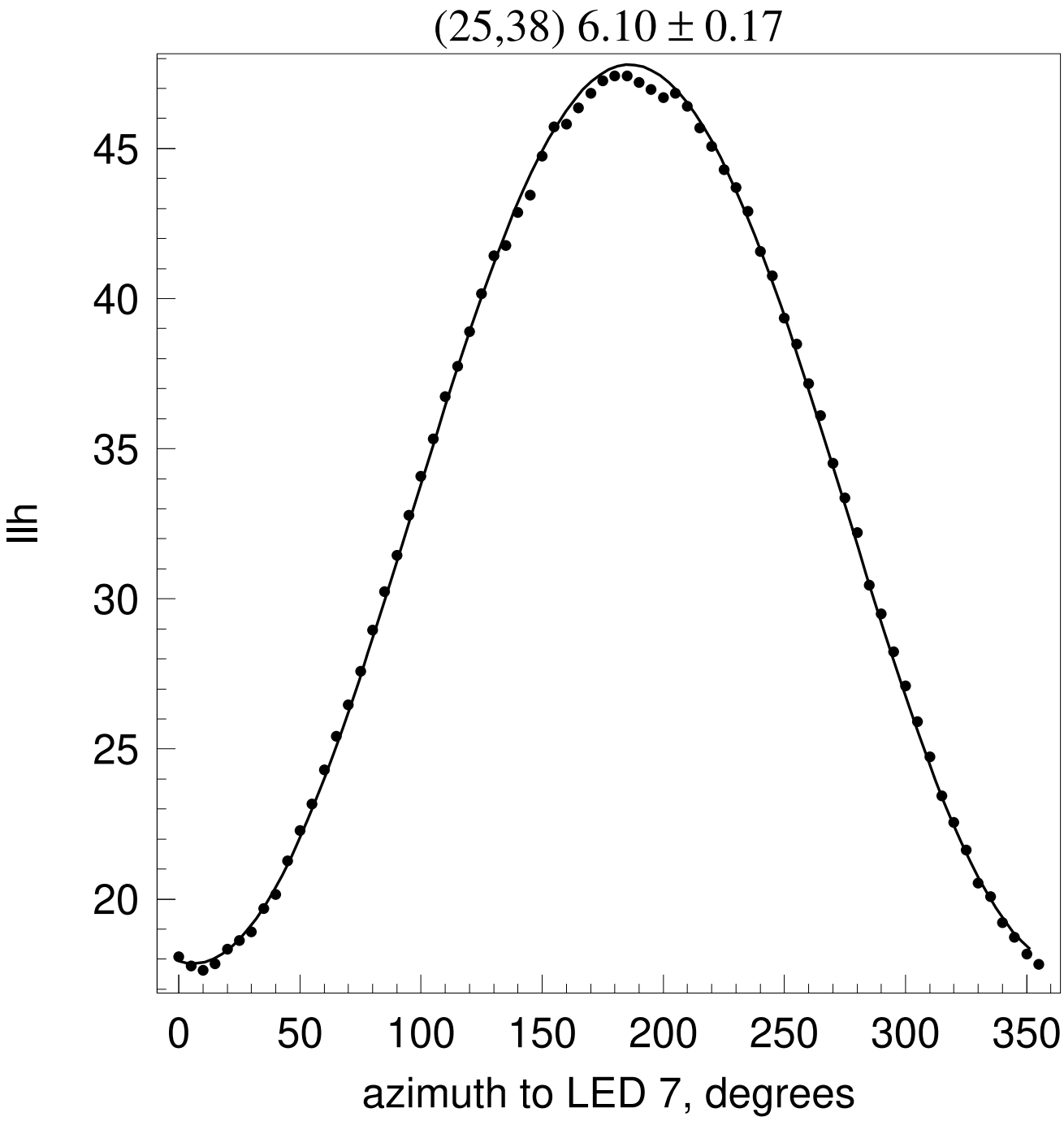

(25,33) 344.62 ± 0.18
50
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

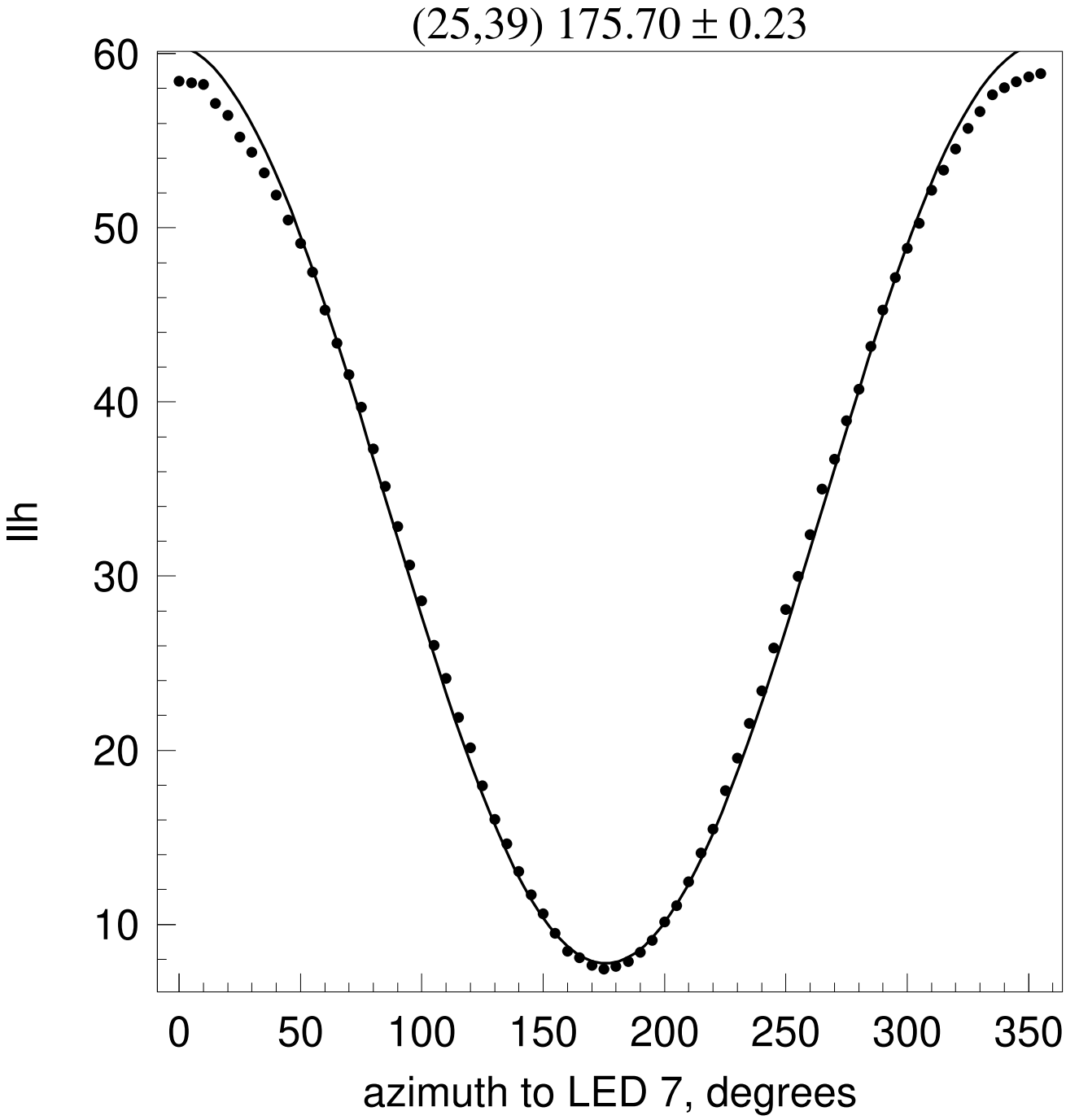

(25,34) 19.28 ± 0.48
36
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

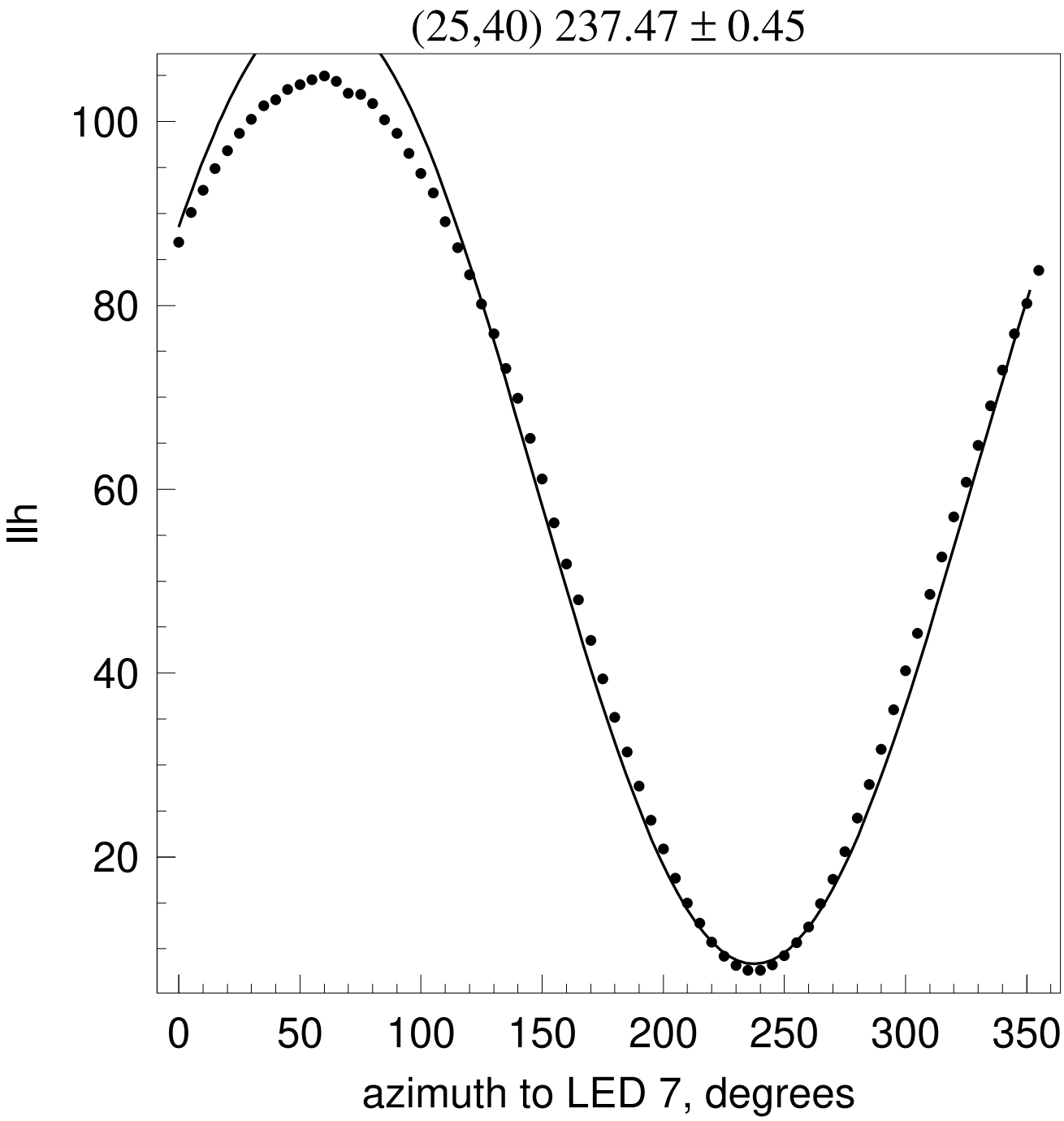

(25,35) 179.51 ± 4.99
31
30.5
30
29.5
29
28.5
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

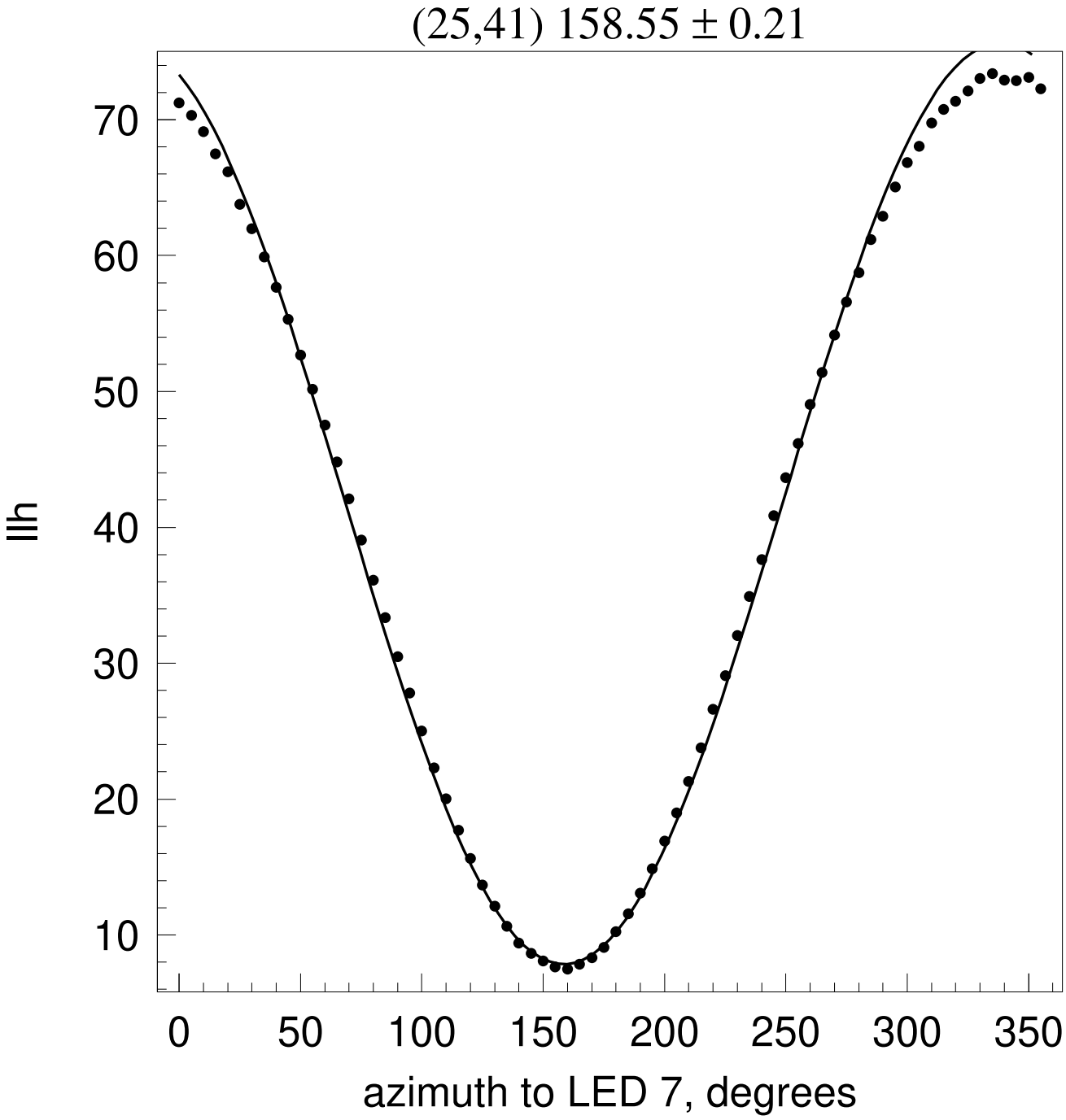

(25,36) 211.79 ± 89.62
28.75
28.5
28.25
28
27.75
27.5
27.25
27
26.75
μ
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

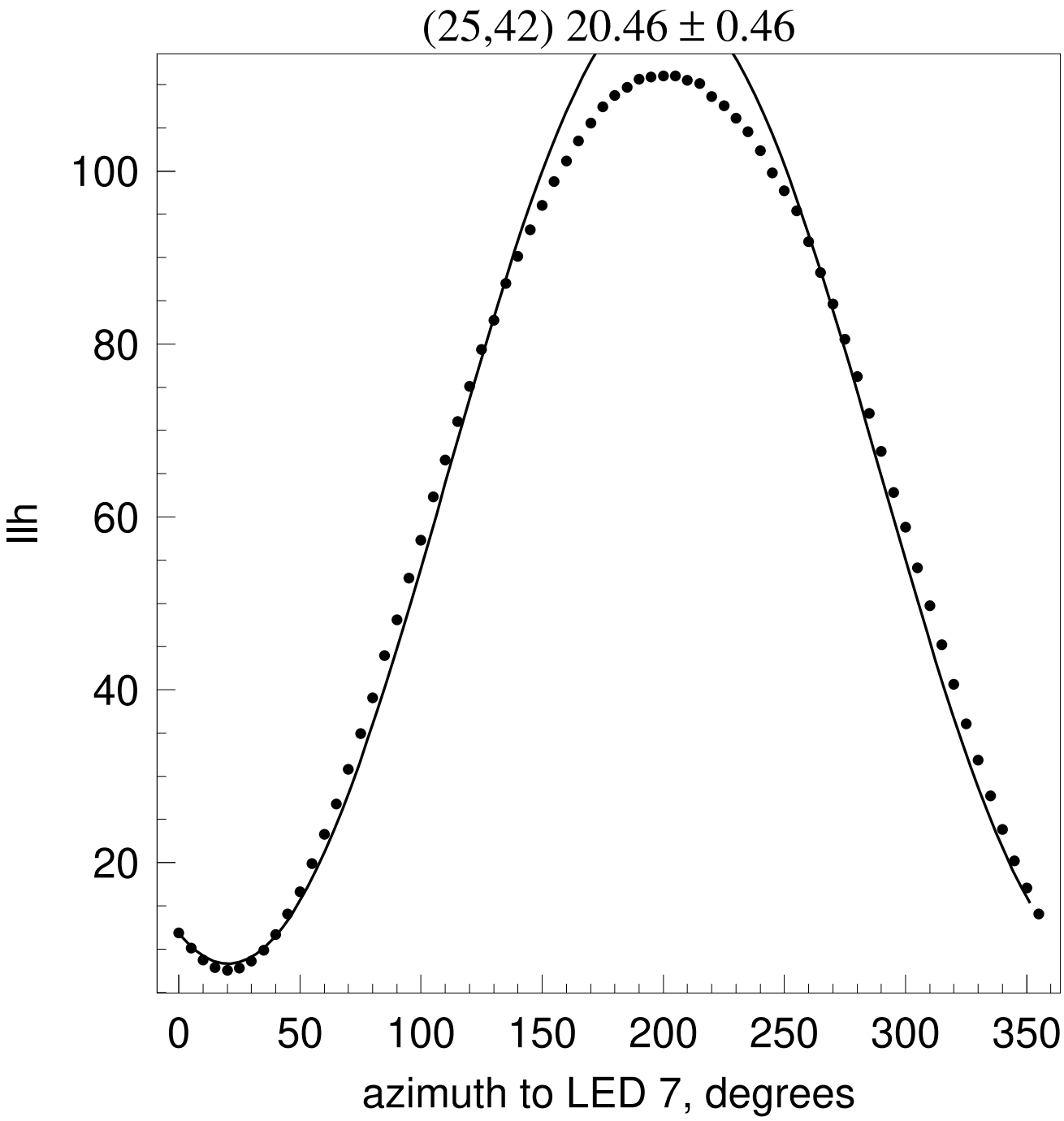

(25,37) 53.49 ± 1.48
26
25
24
23
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

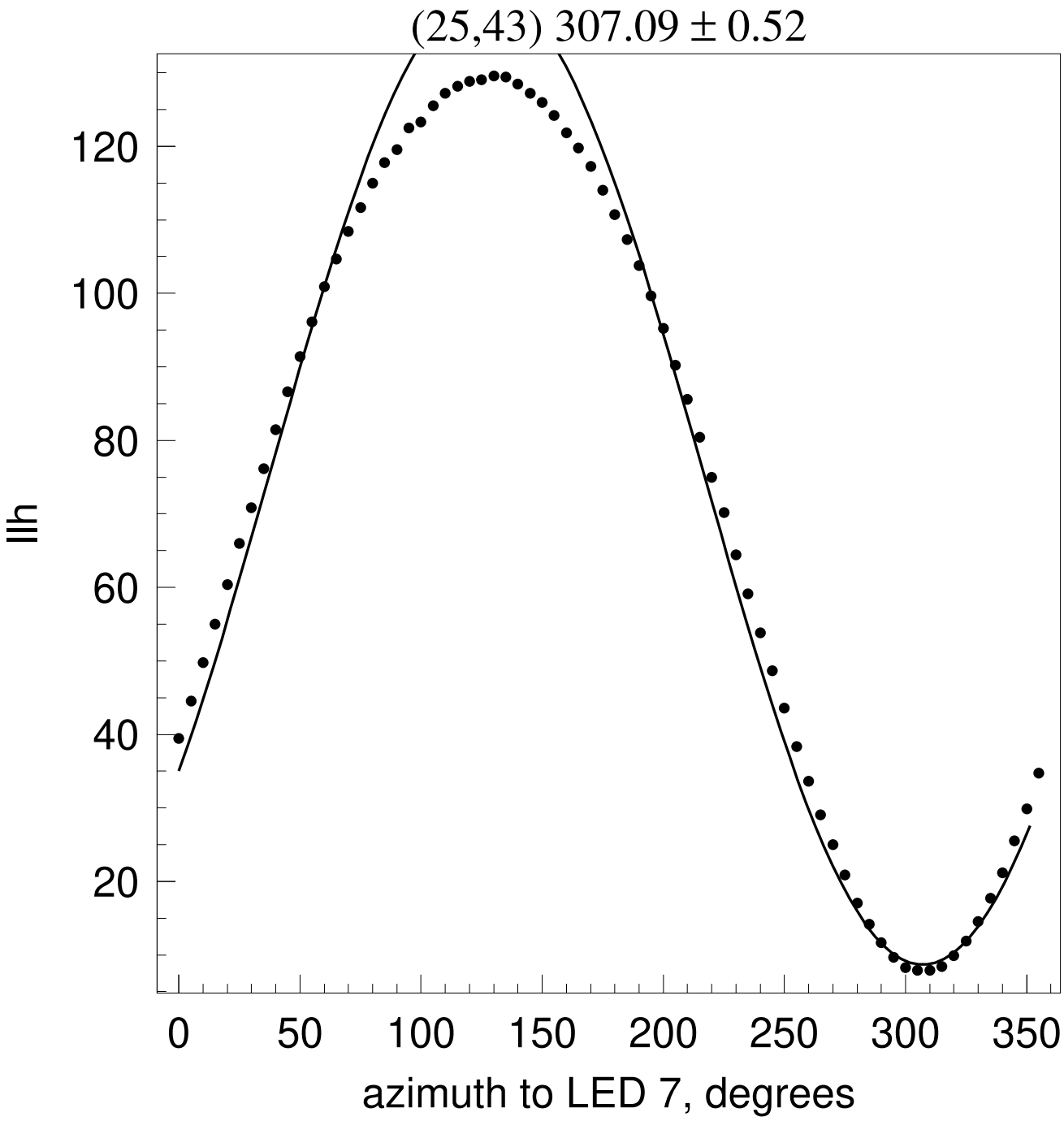

(25,38) 6.10 ± 0.17
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

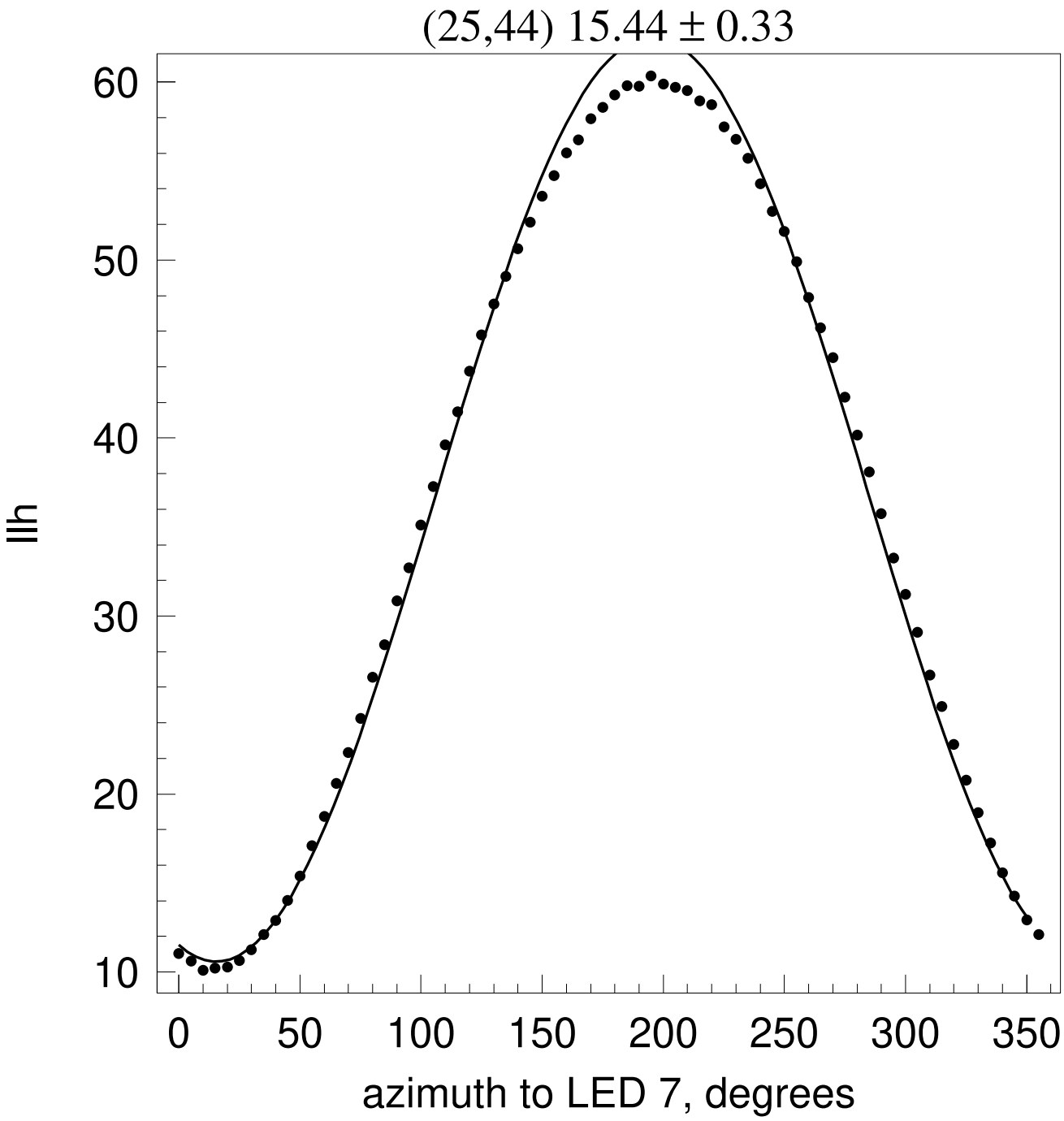

(25,39) 175.70 ± 0.23
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

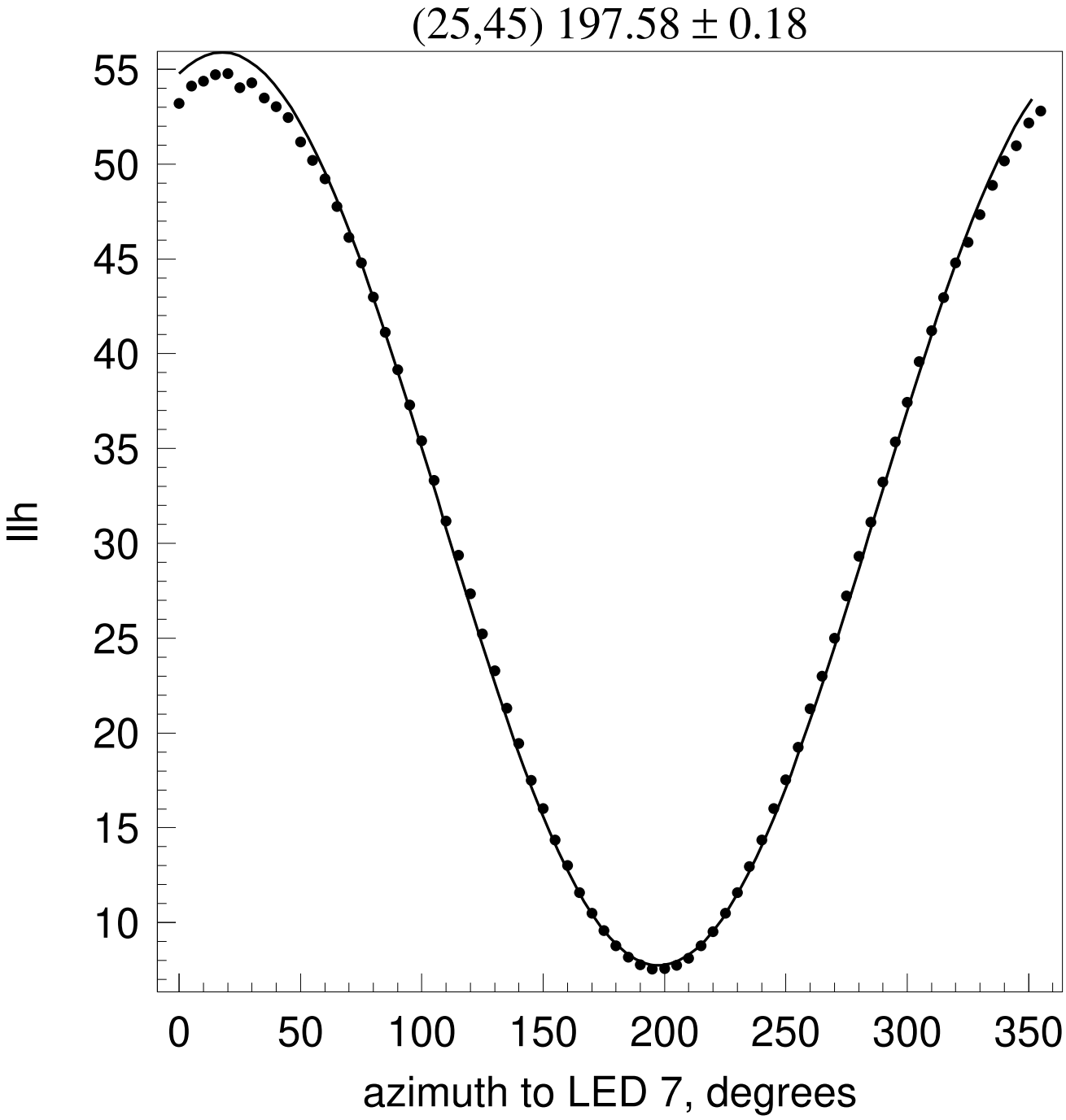

(25,40) 237.47 ± 0.45
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

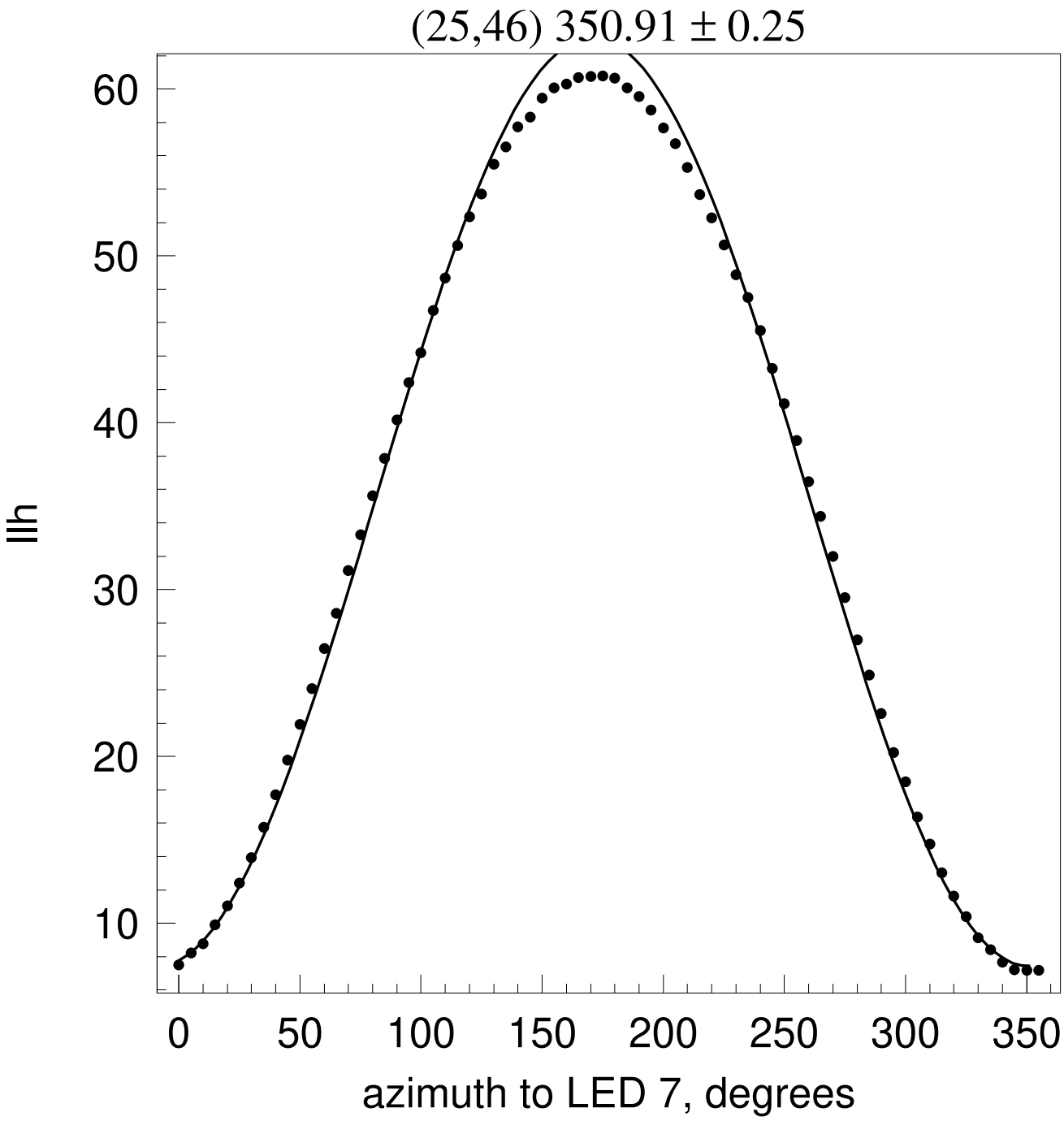

(25,41) 158.55 ± 0.21
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

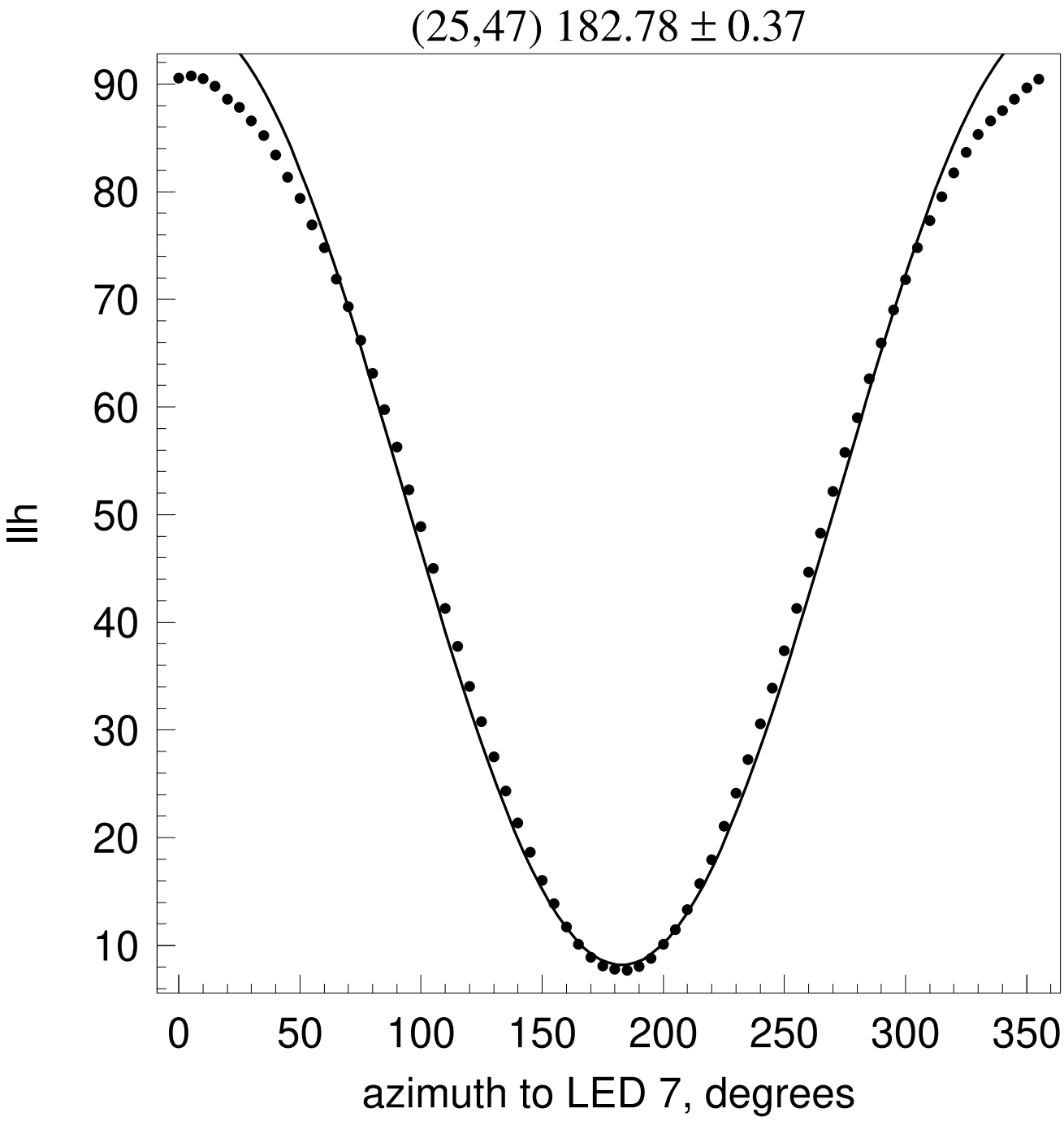

(25,42) 20.46 ± 0.46
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

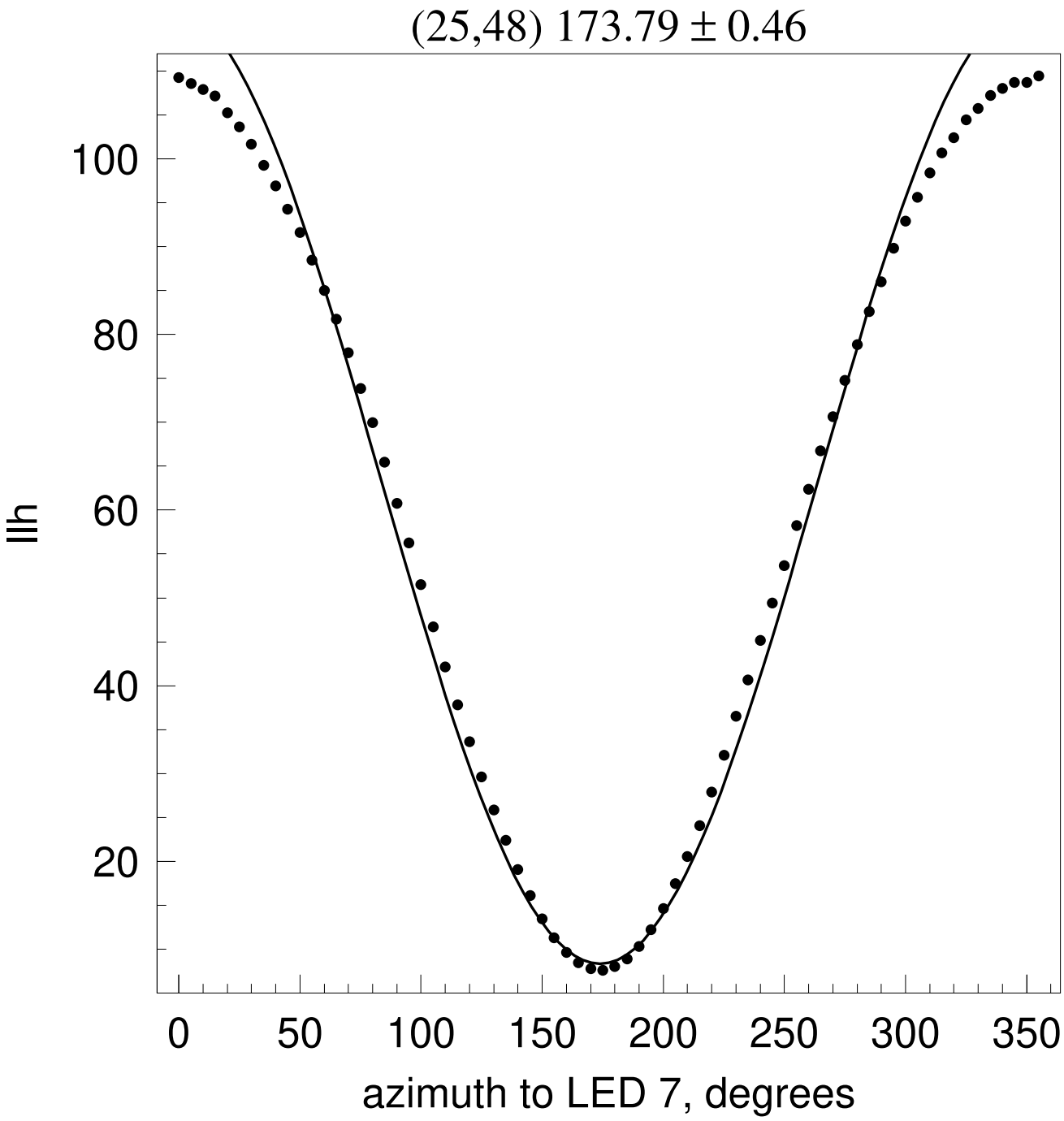

(25,43) 307.09 ± 0.52
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

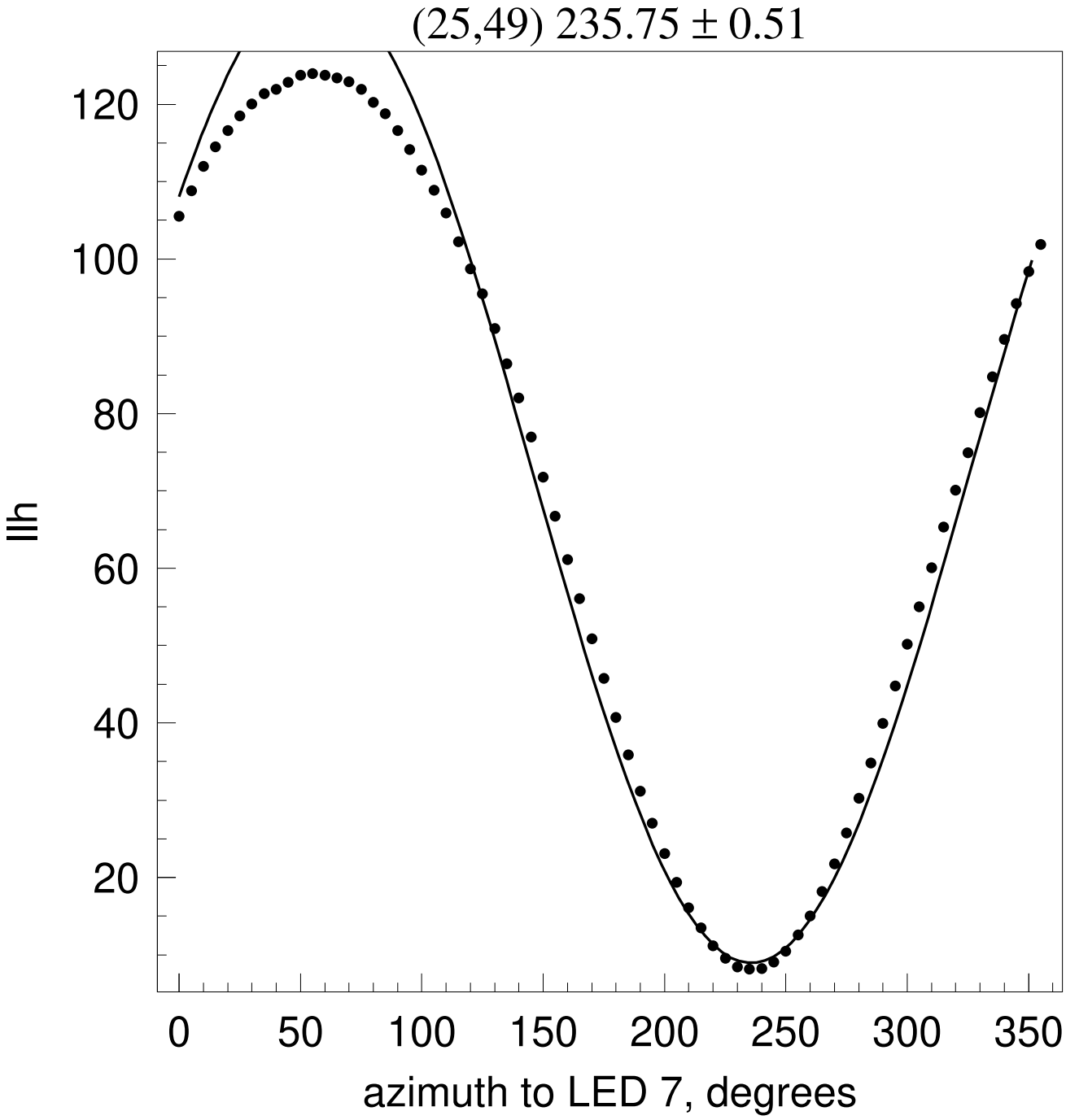

(25,44) 15.44 ± 0.33
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

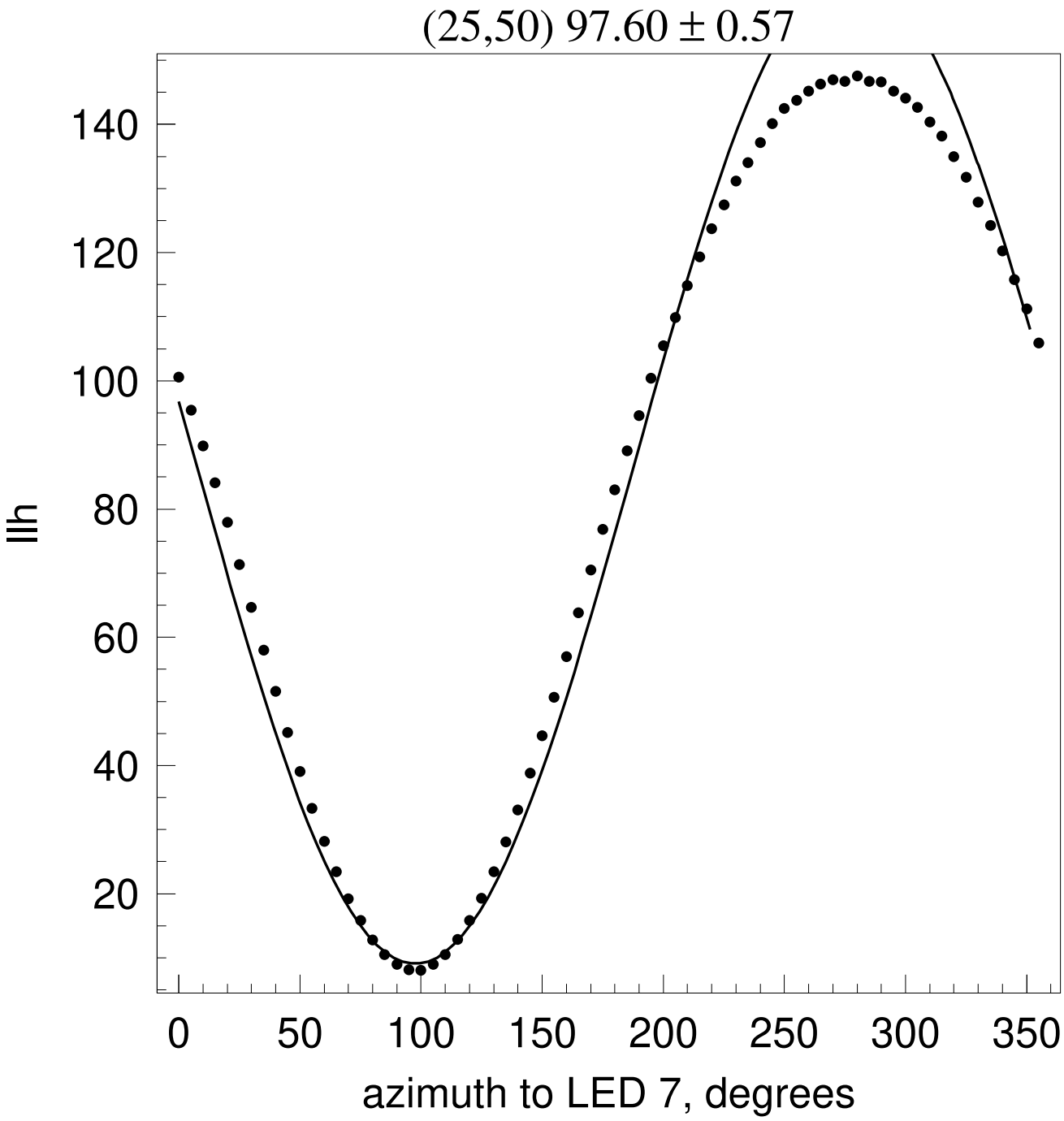

(25,45) 197.58 ± 0.18
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

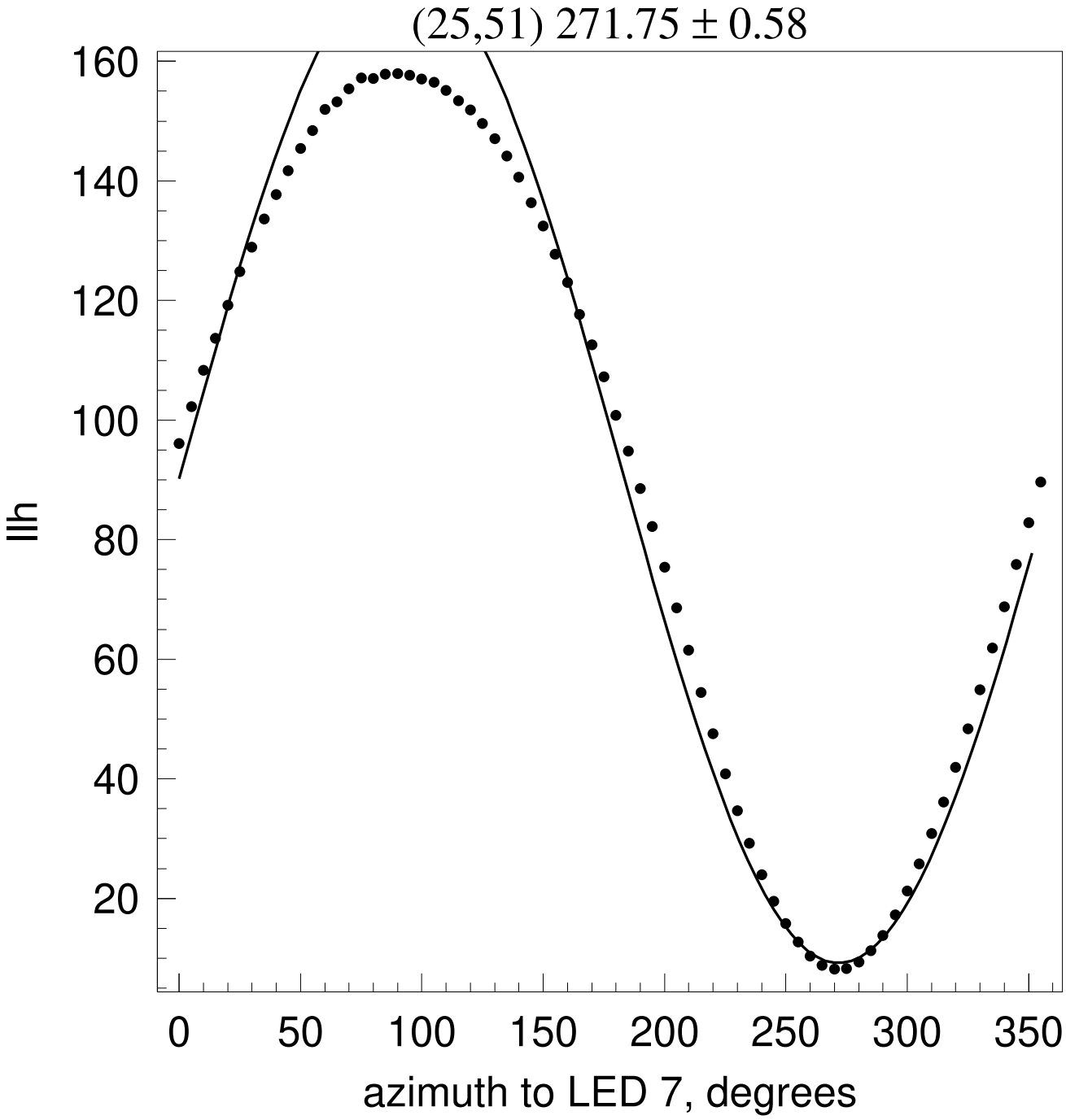

(25,46) 350.91 ± 0.25
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

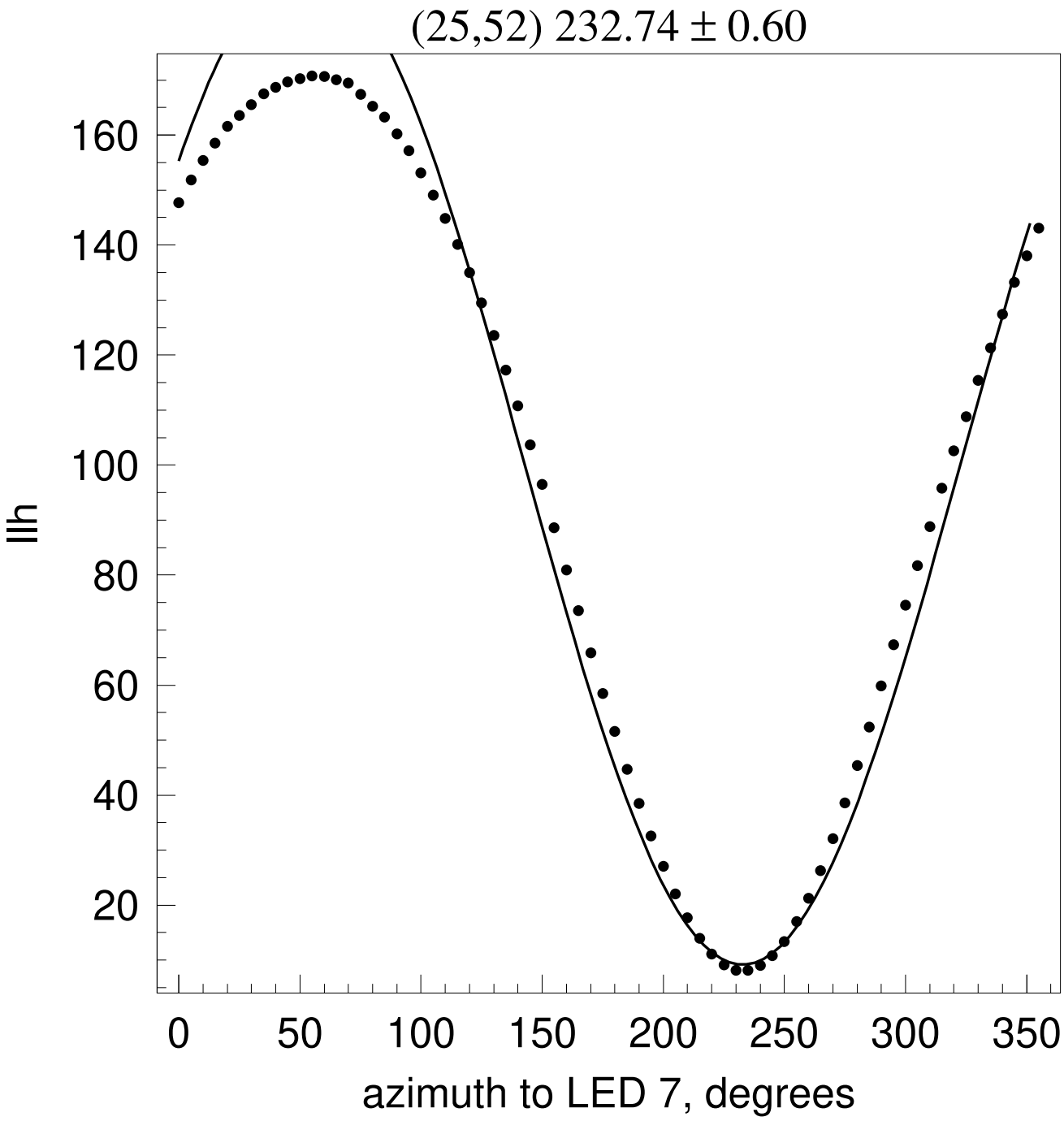

(25,47) 182.78 ± 0.37
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

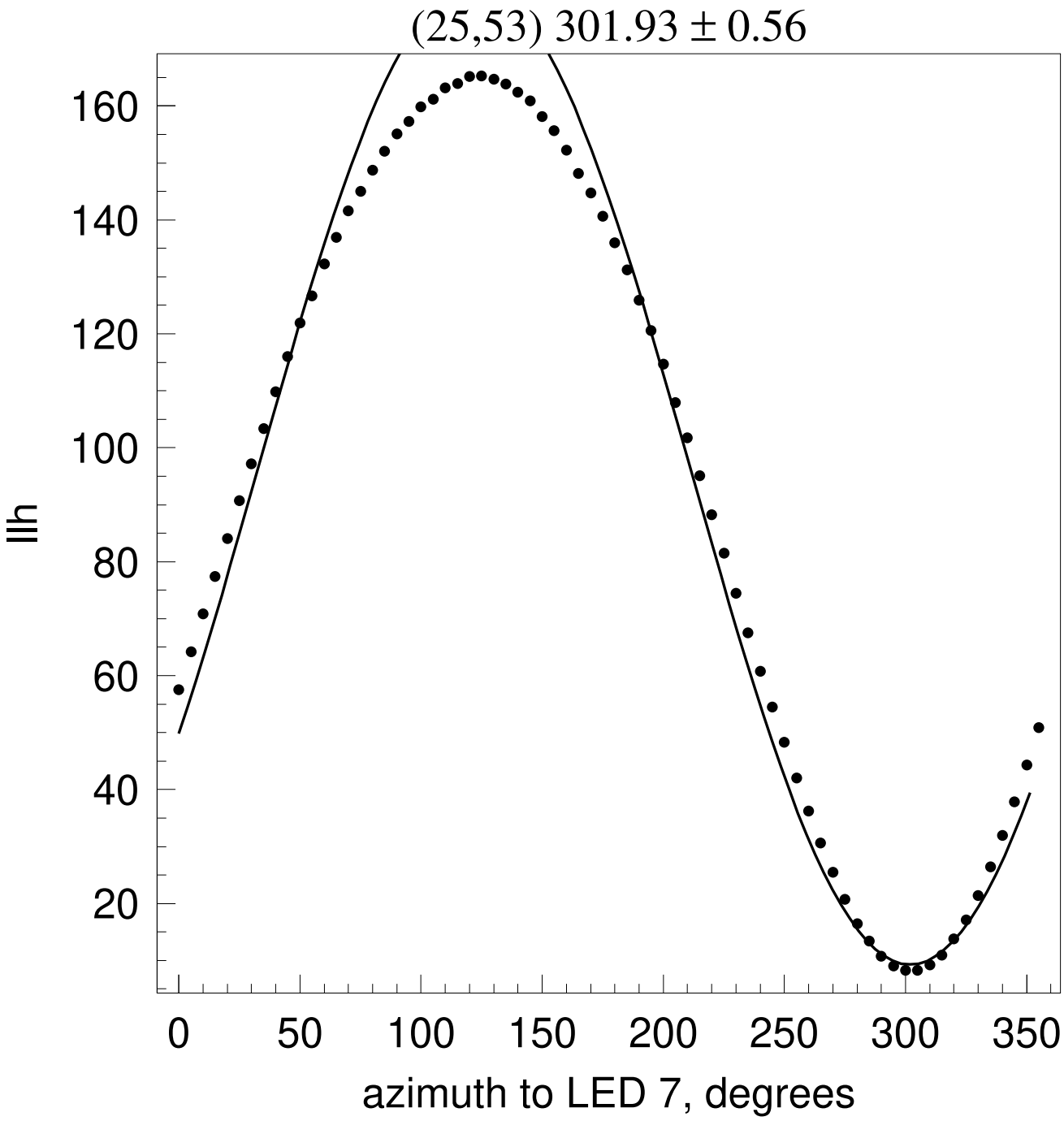

(25,48) 173.79 ± 0.46
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

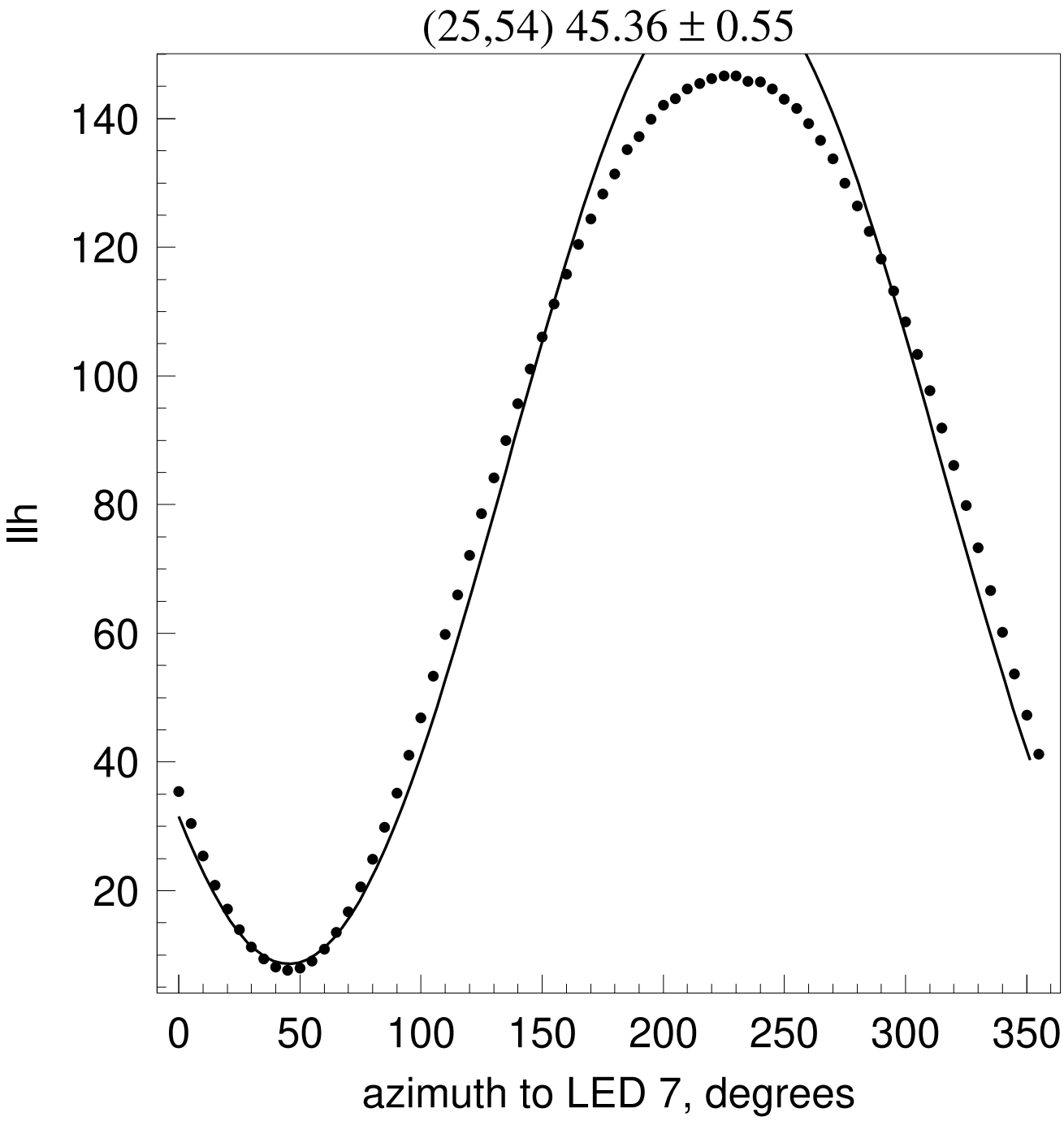

(25,49) 235.75 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

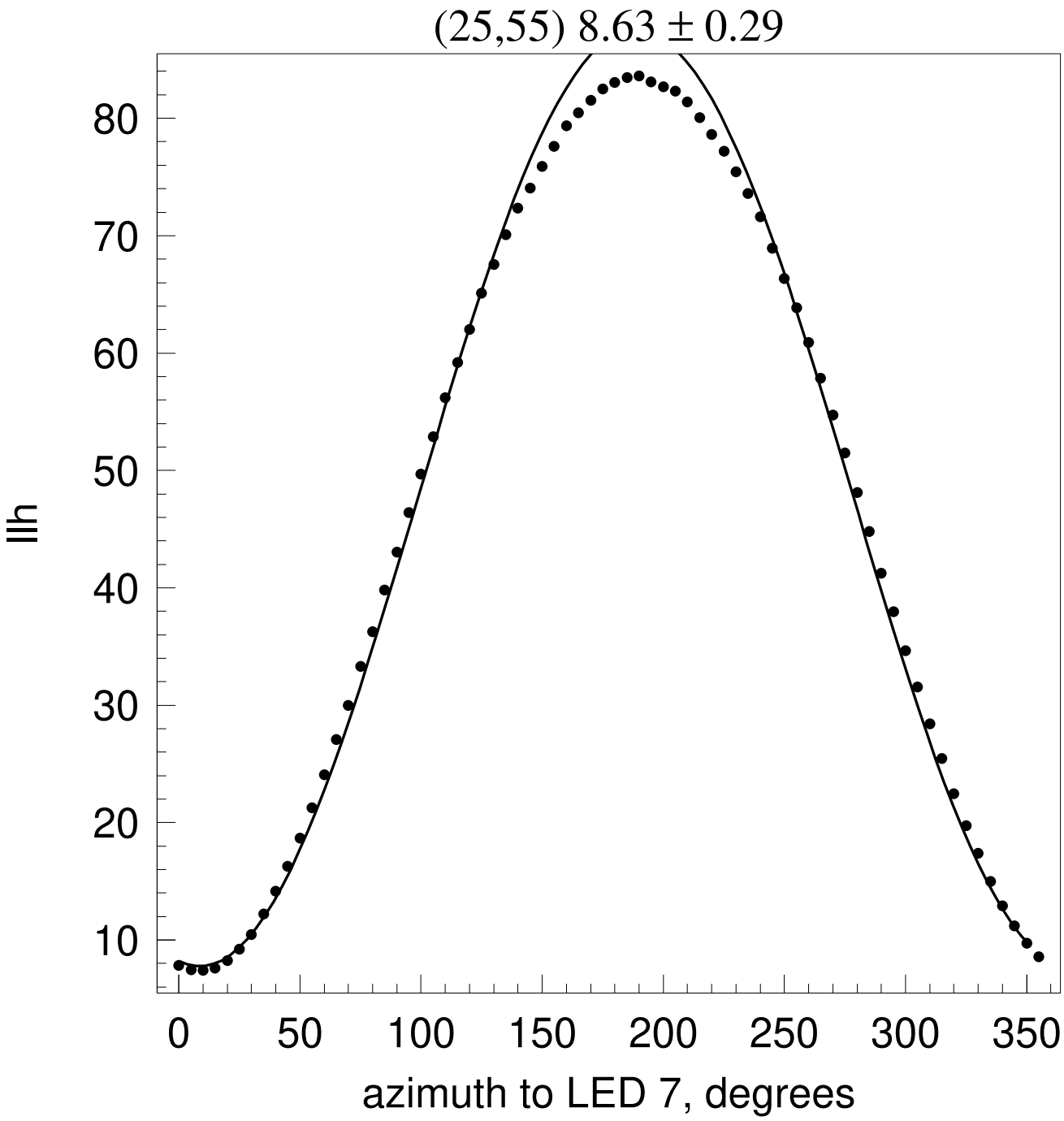

(25,50) 97.60 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

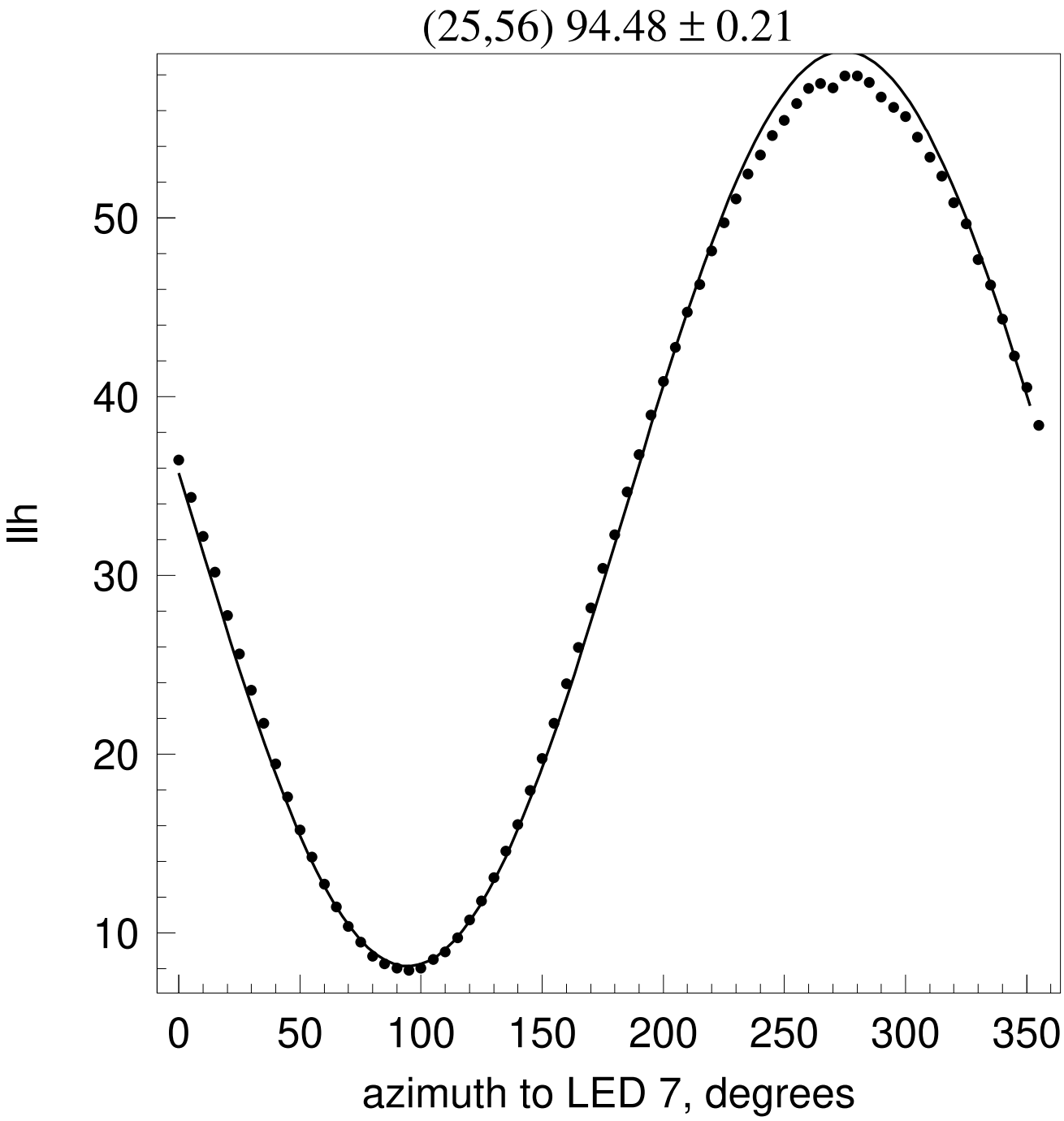

(25,51) 271.75 ± 0.58
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

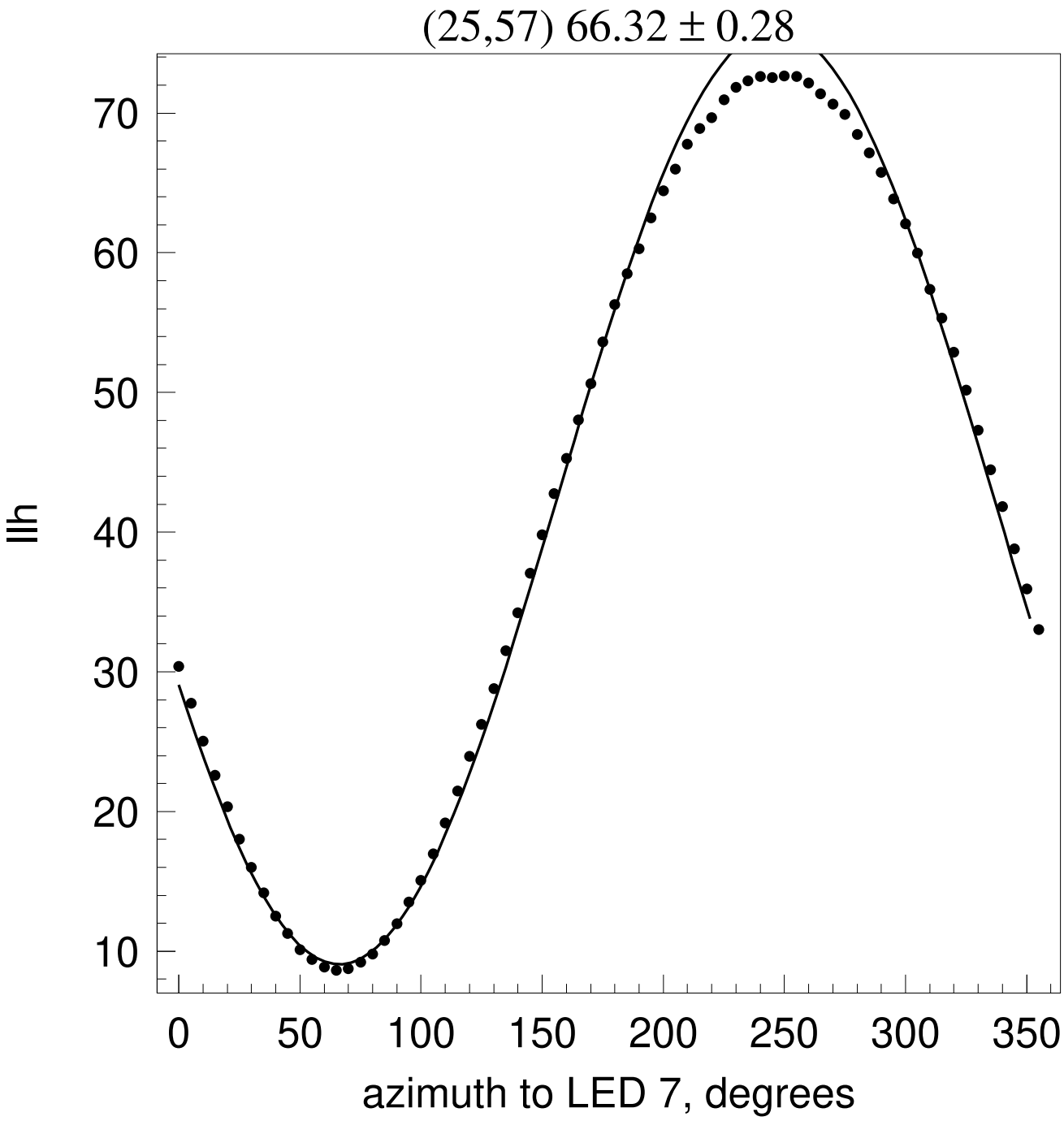

(25,52) 232.74 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

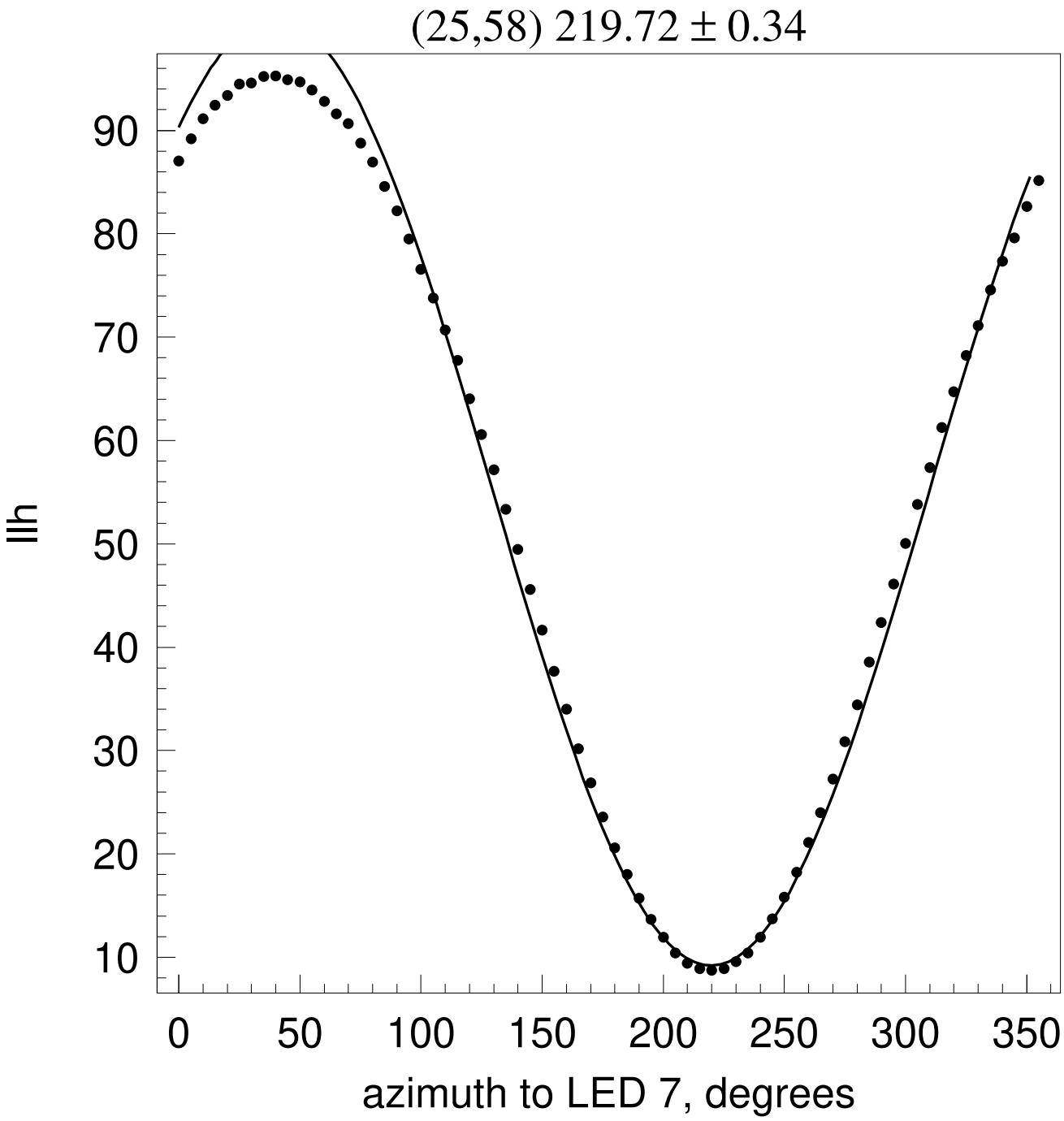

(25,53) 301.93 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

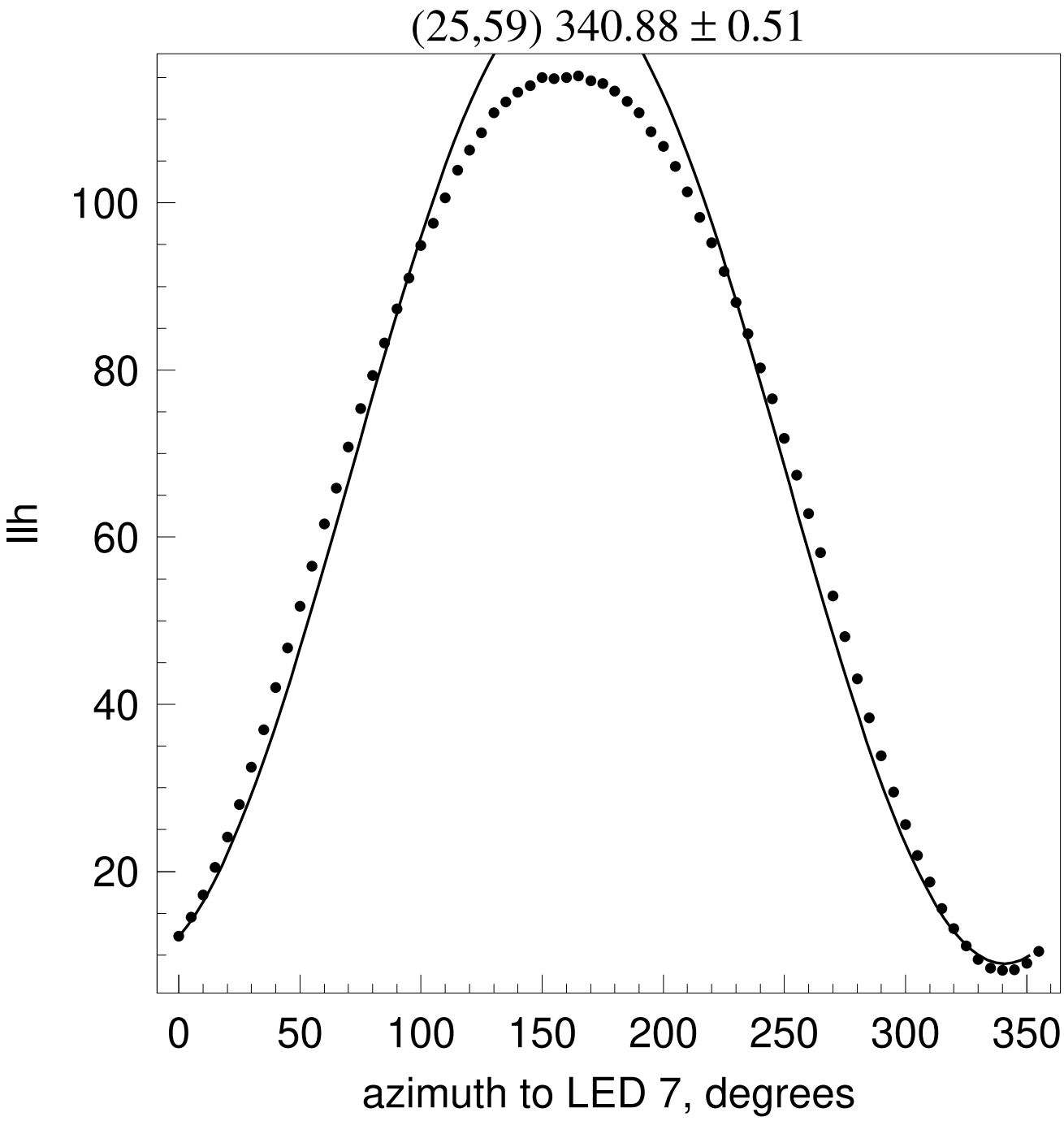

(25,54) 45.36 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

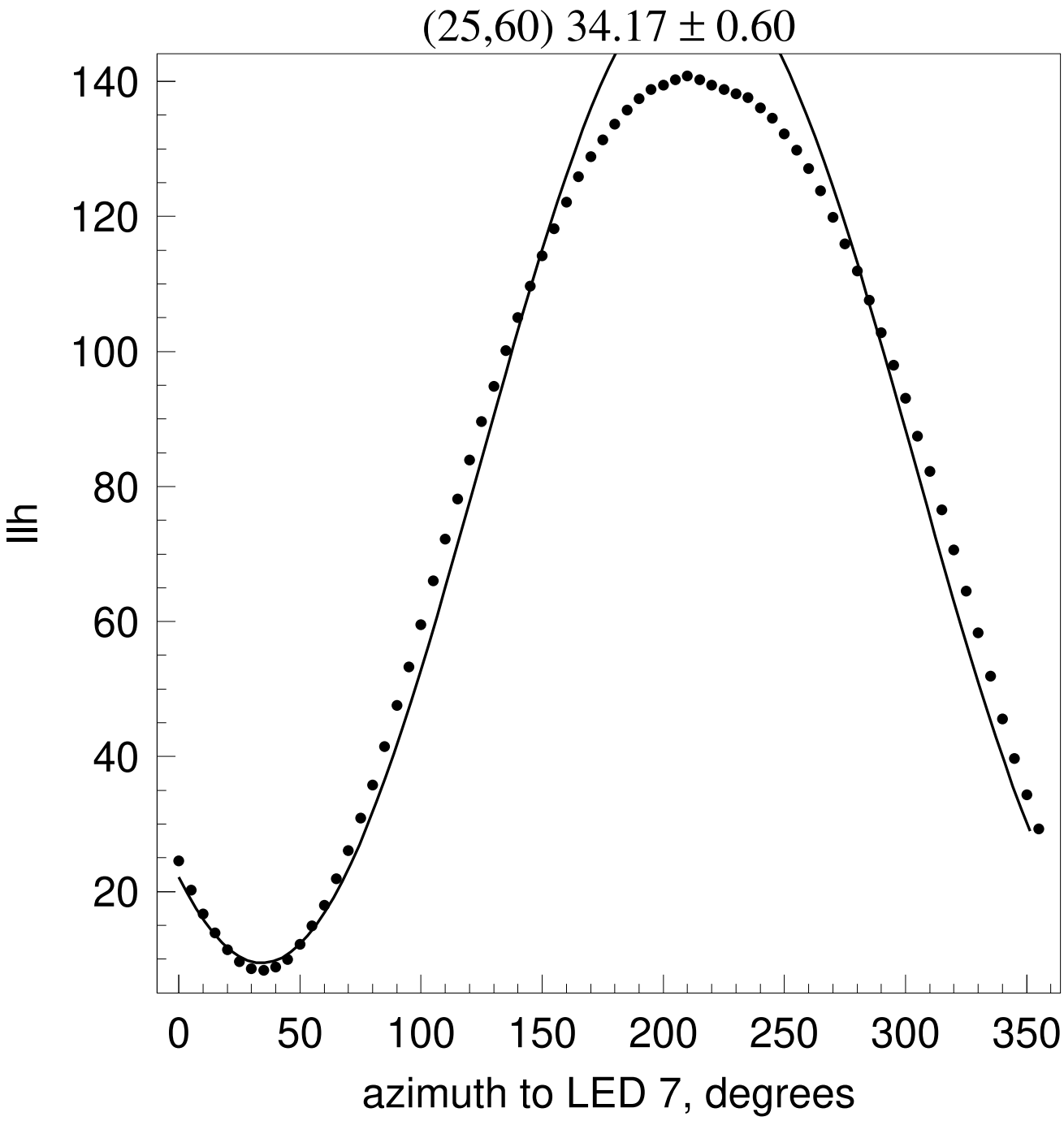

(25,55) 8.63 ± 0.29
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

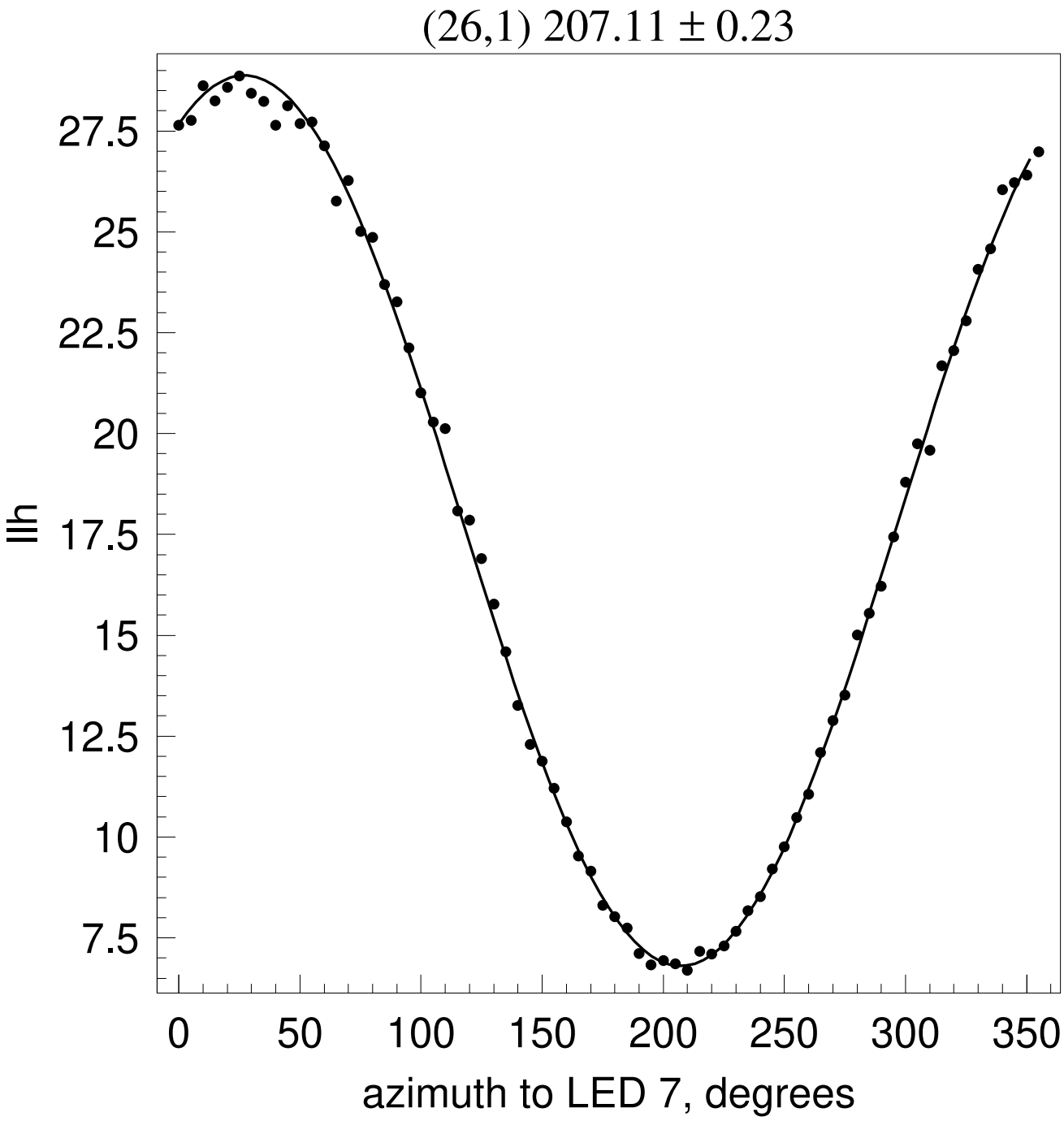

(25,56) 94.48 ± 0.21
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

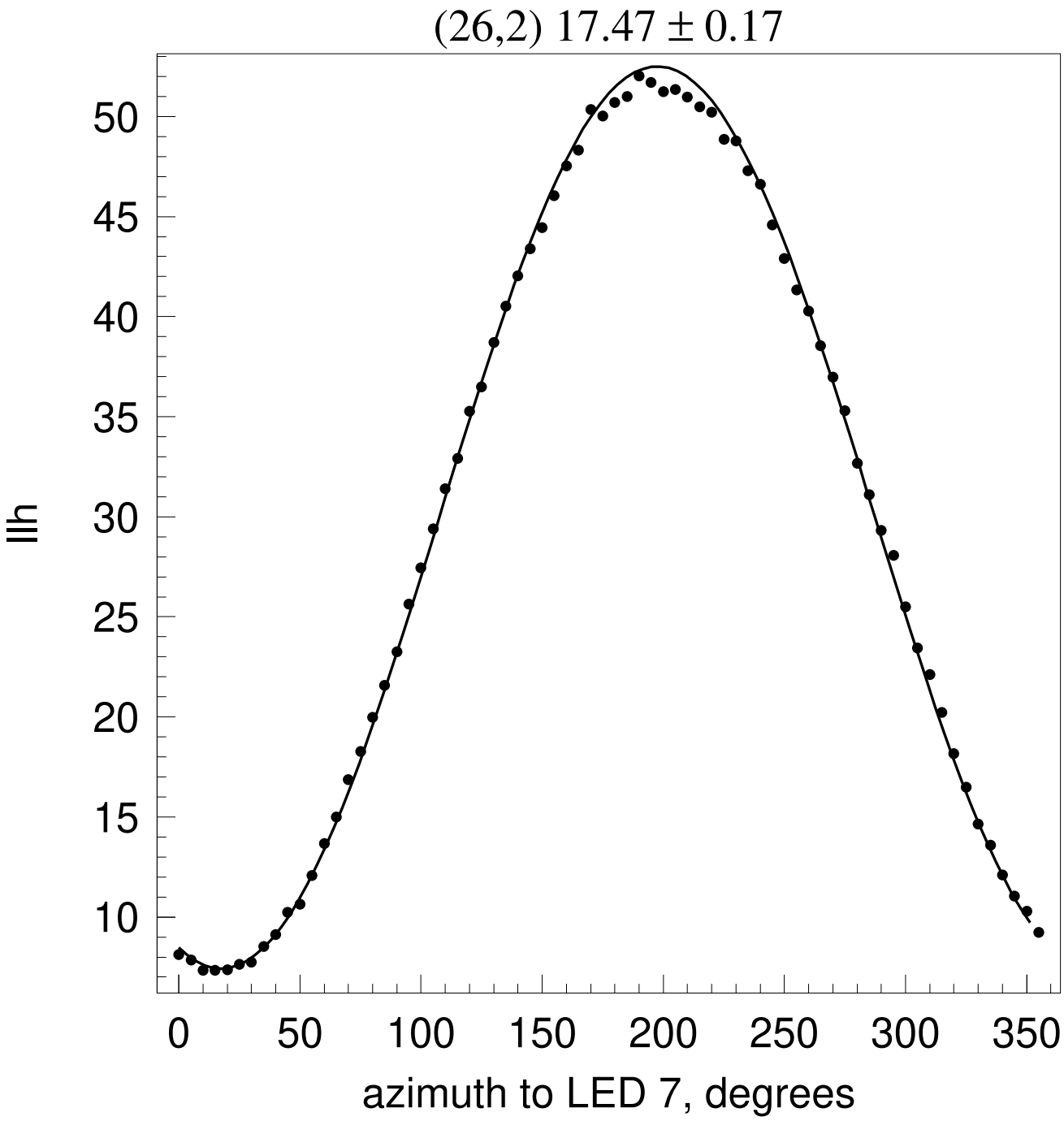

(25,57) 66.32 ± 0.28
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

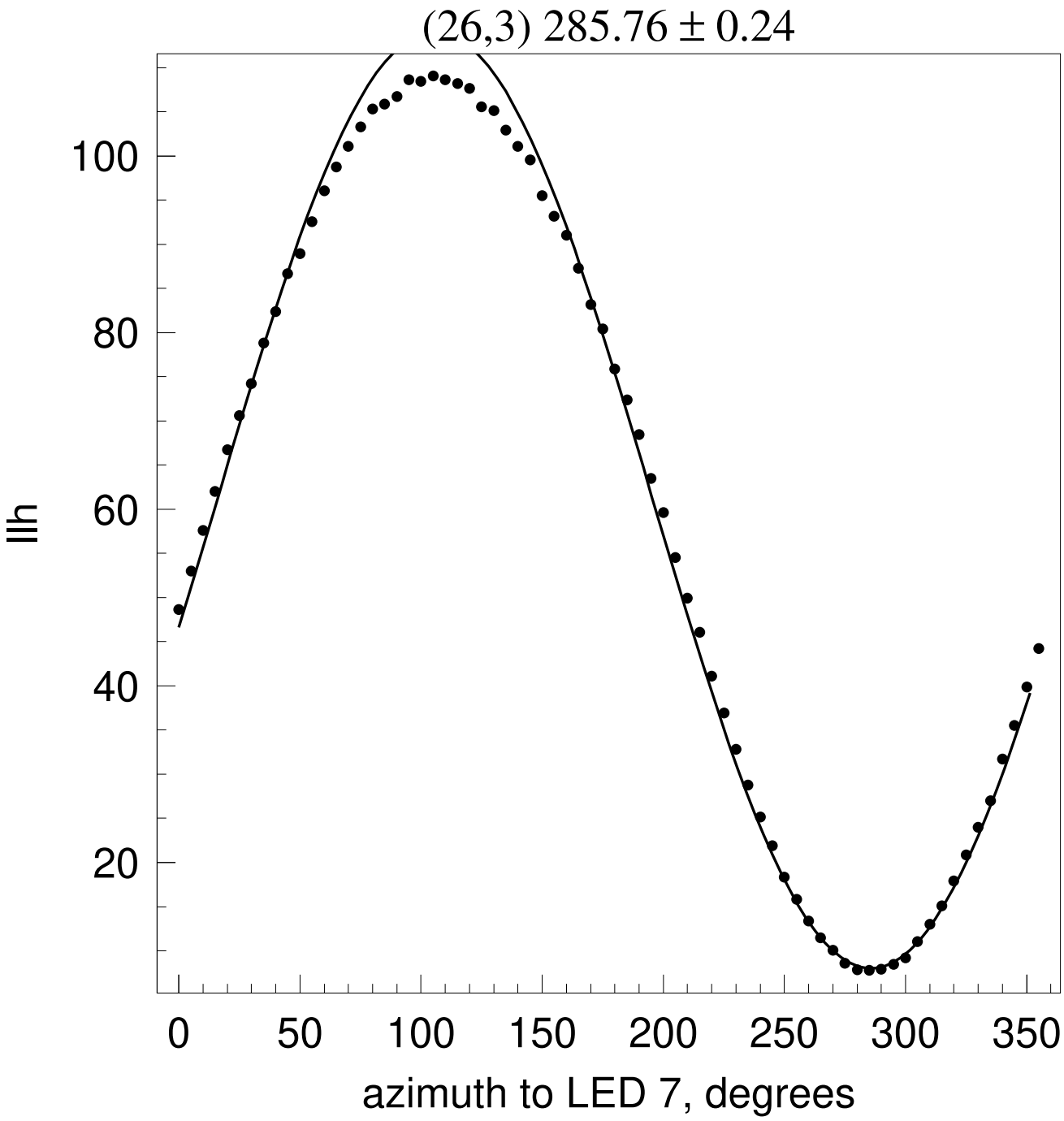

(25,58) 219.72 ± 0.34
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

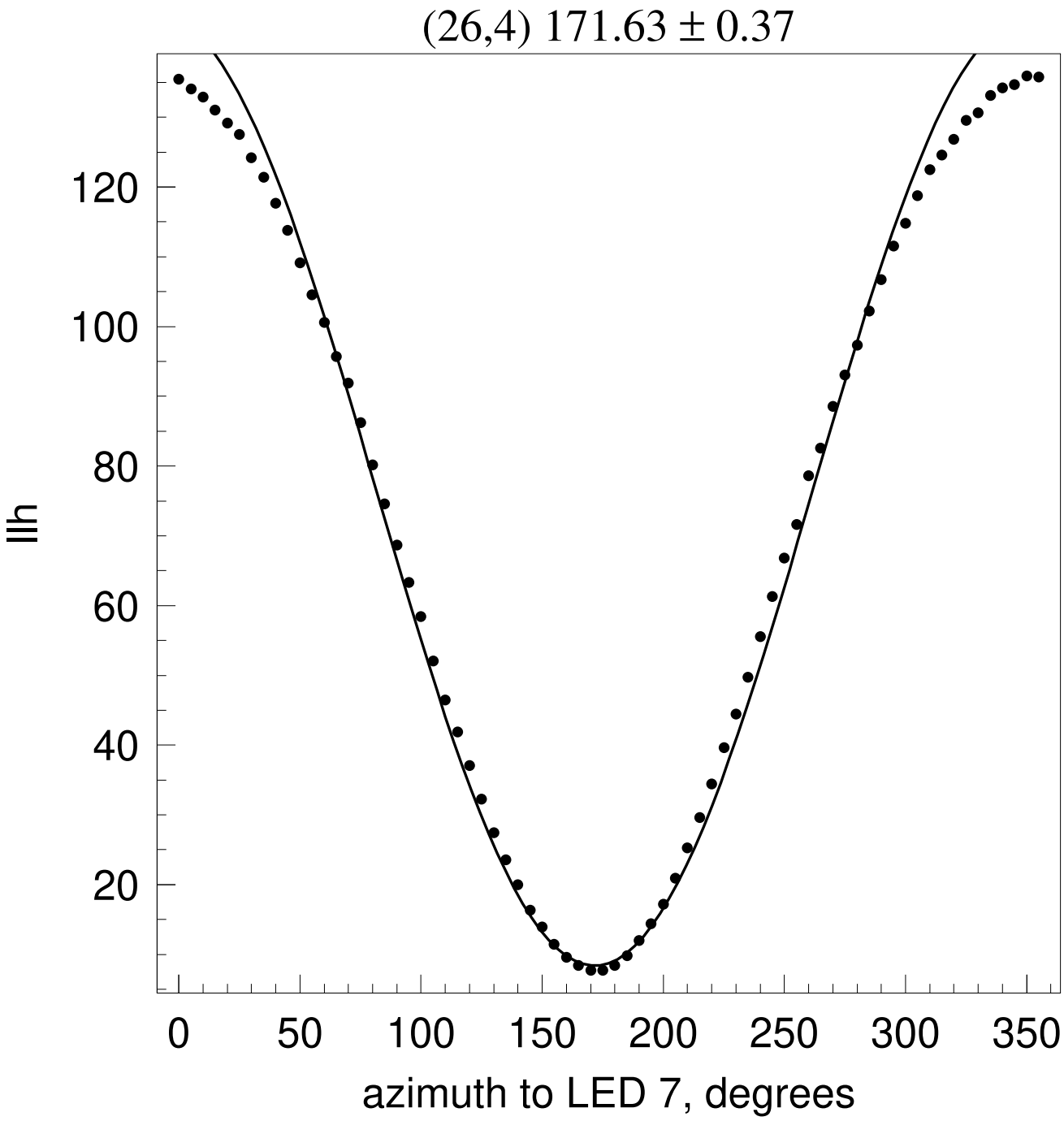

(25,59) 340.88 ± 0.51
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

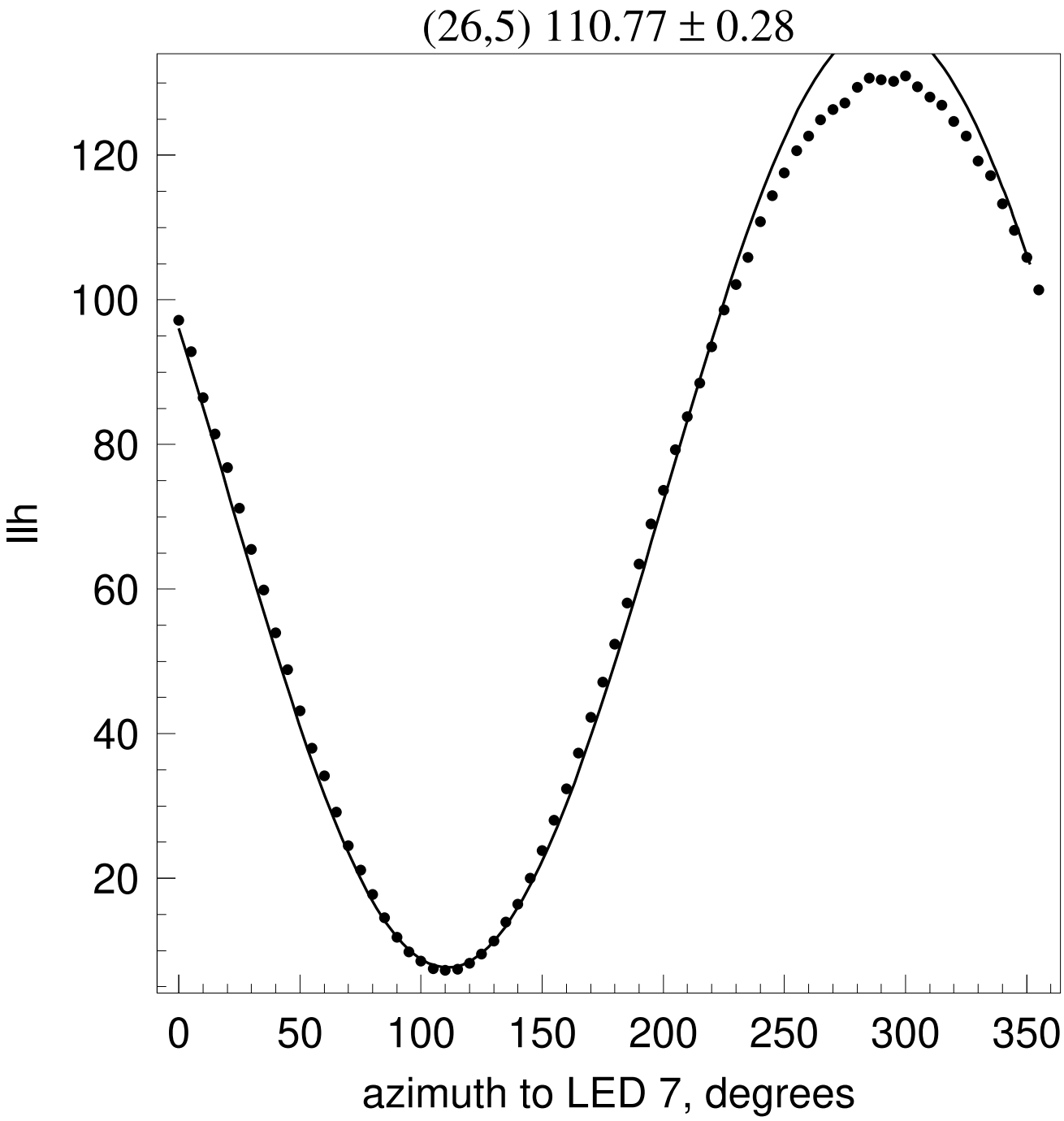

(25,60) 34.17 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

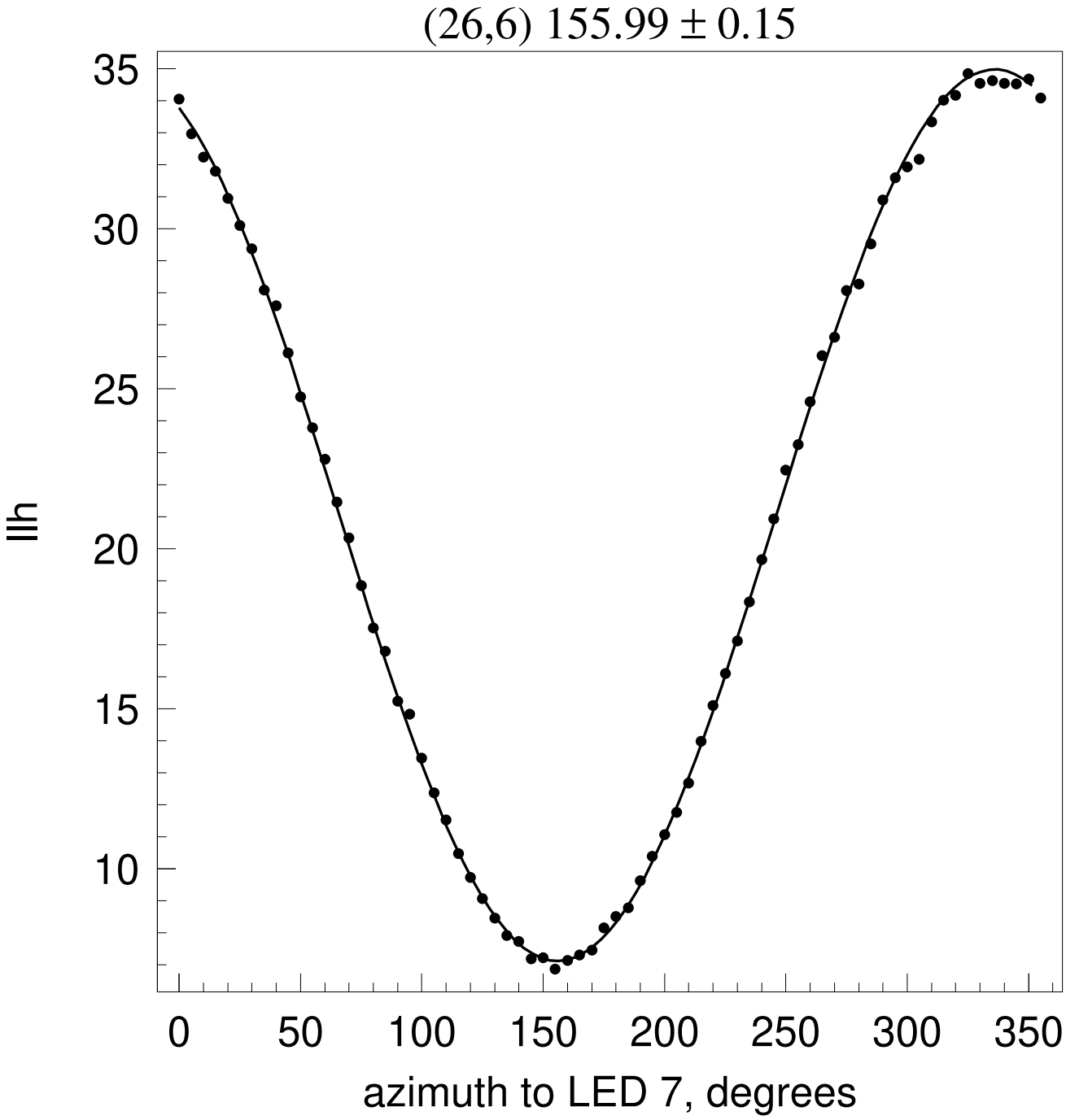

(26,1) 207.11 ± 0.23
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

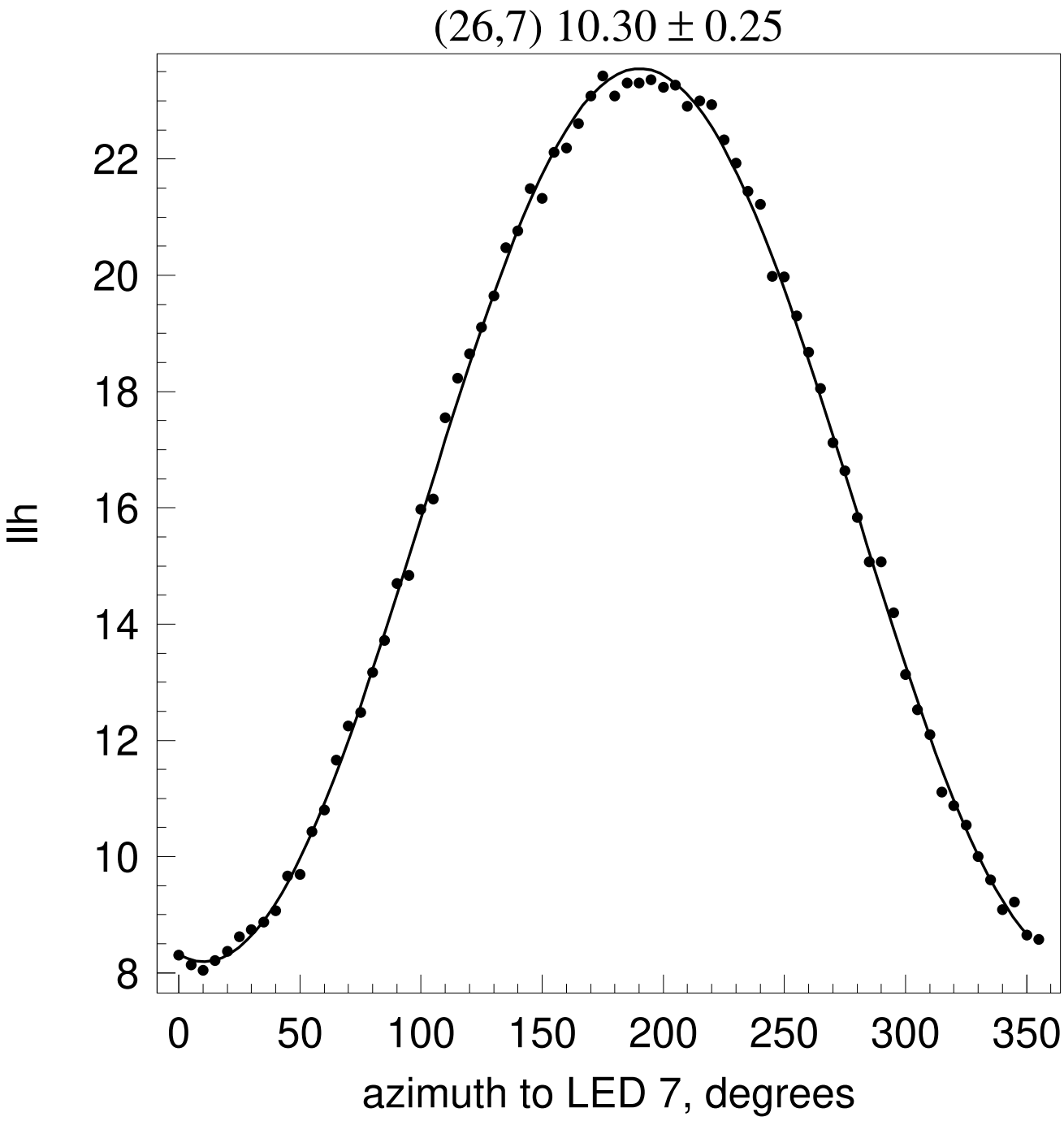

(26,2) 17.47 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

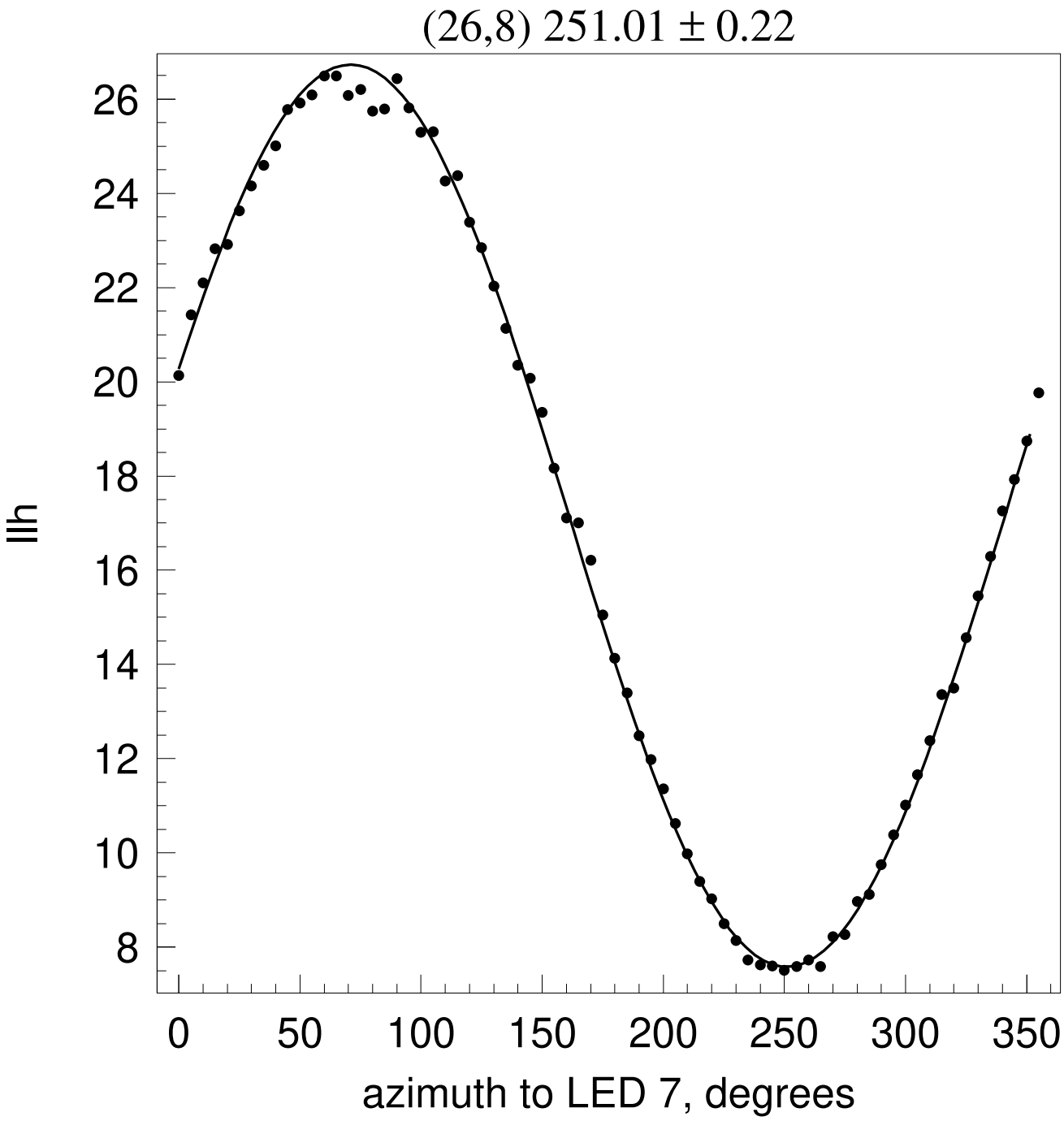

(26,3) 285.76 ± 0.24
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

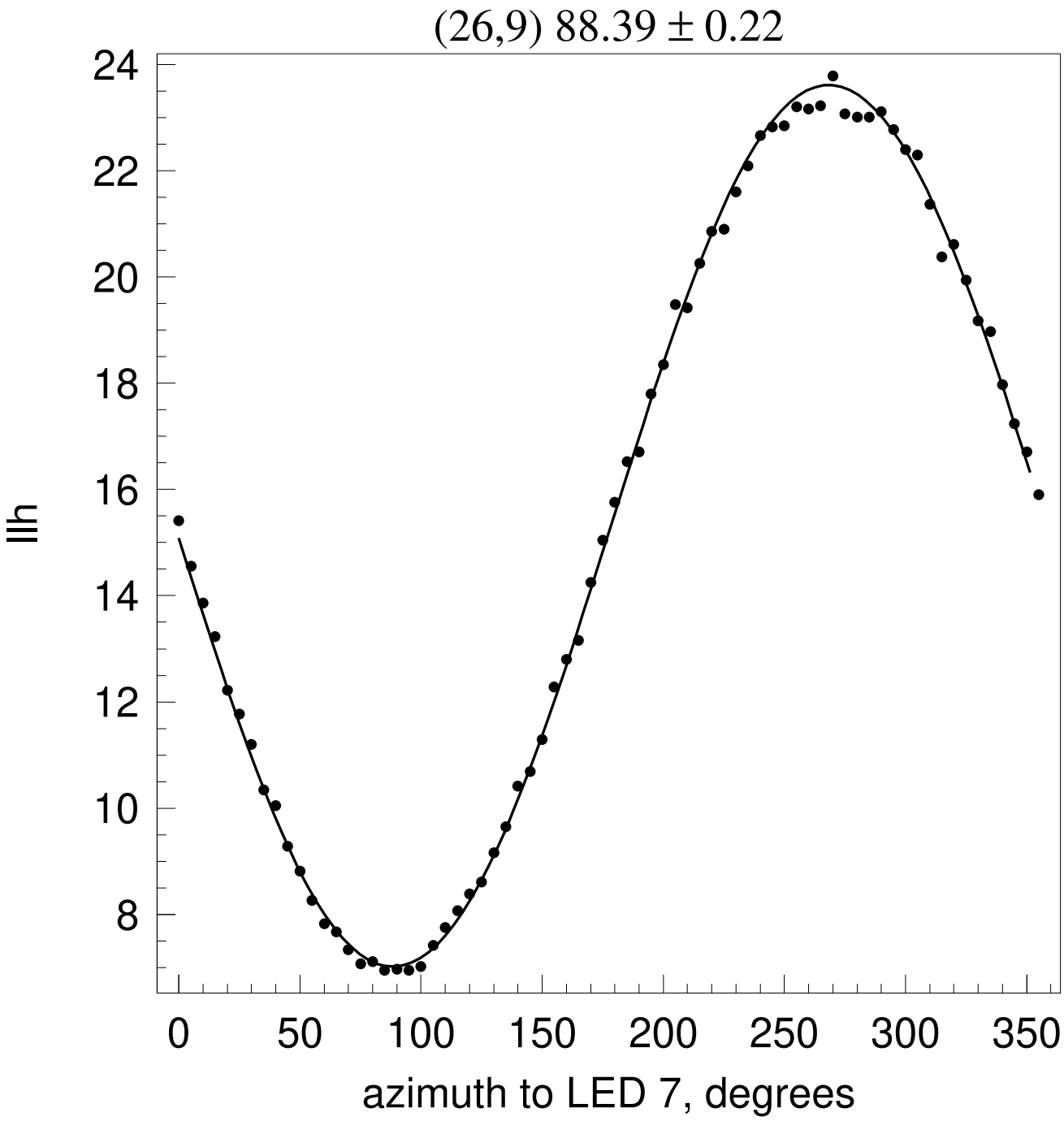

(26,4) 171.63 ± 0.37
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

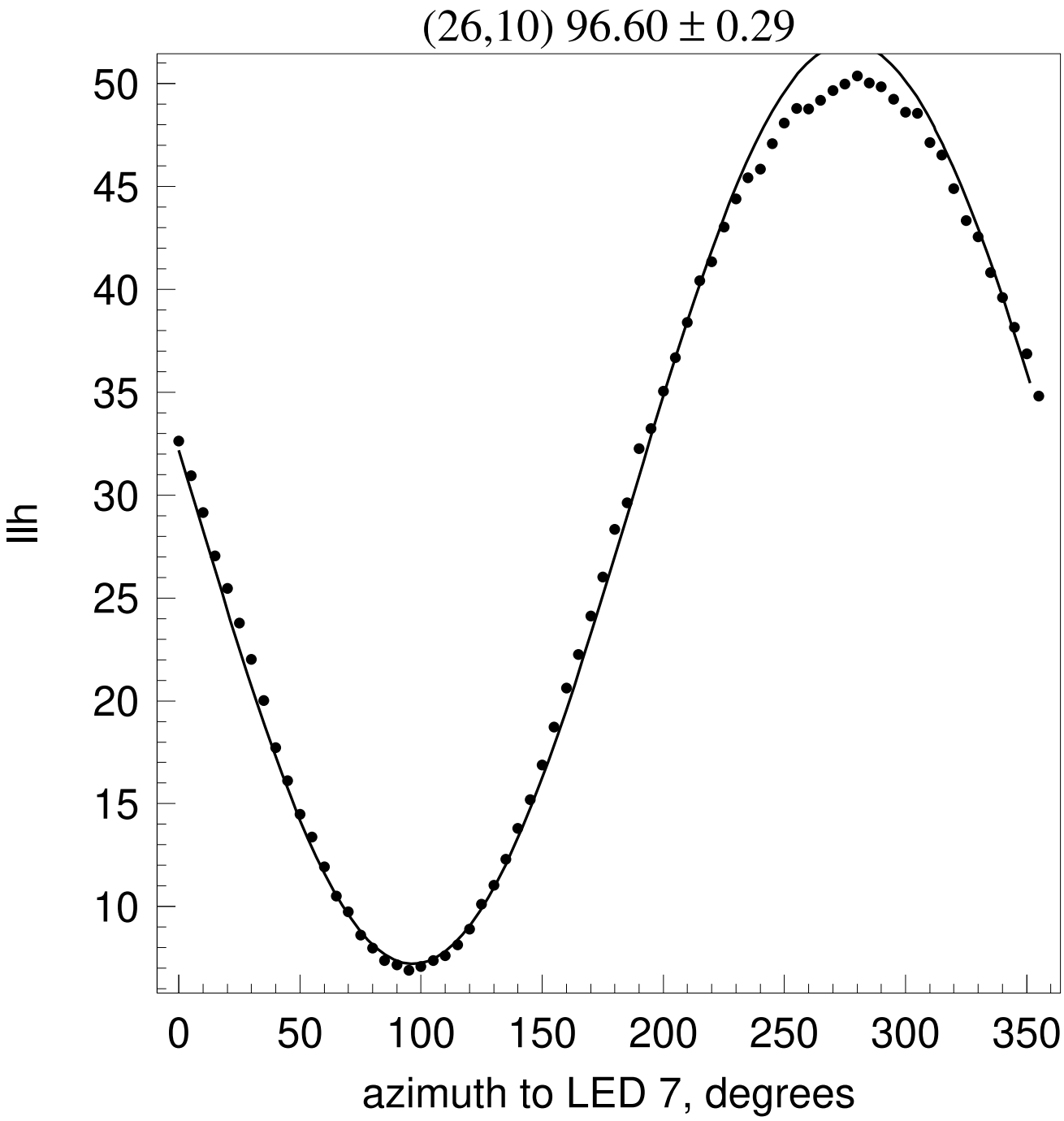

(26,5) 110.77 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

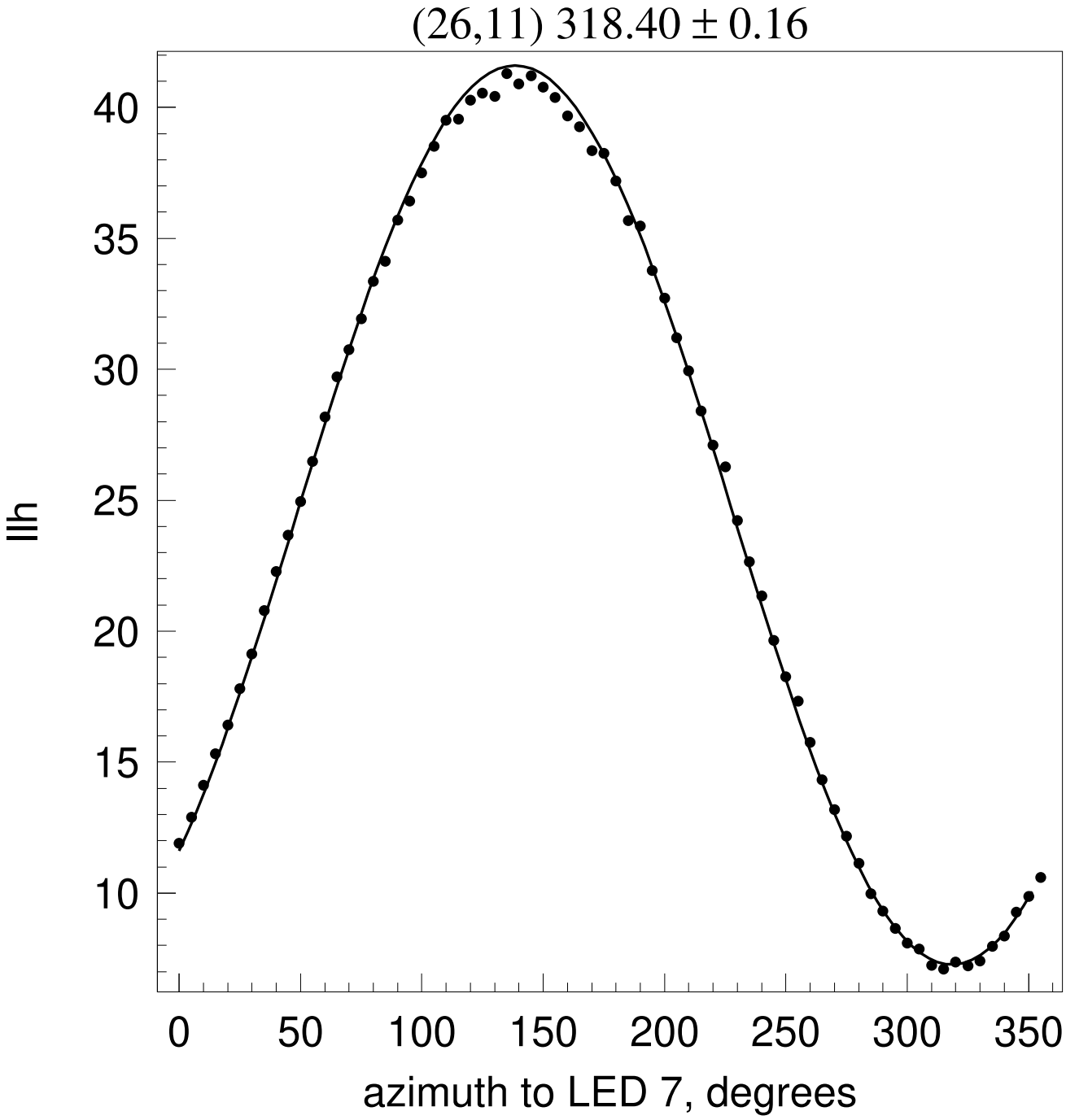

(26,6) 155.99 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

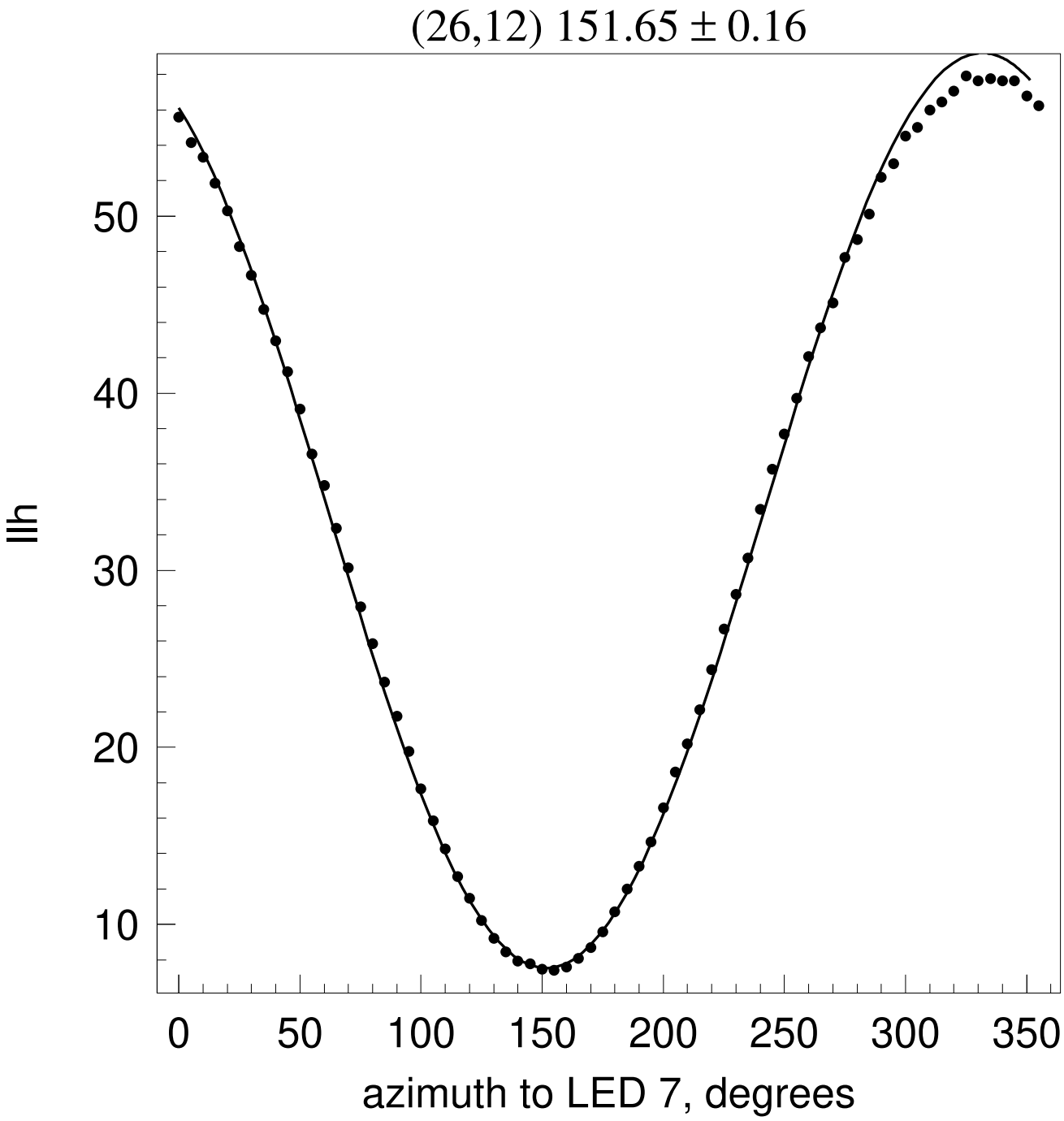

(26,7) 10.30 ± 0.25
llh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

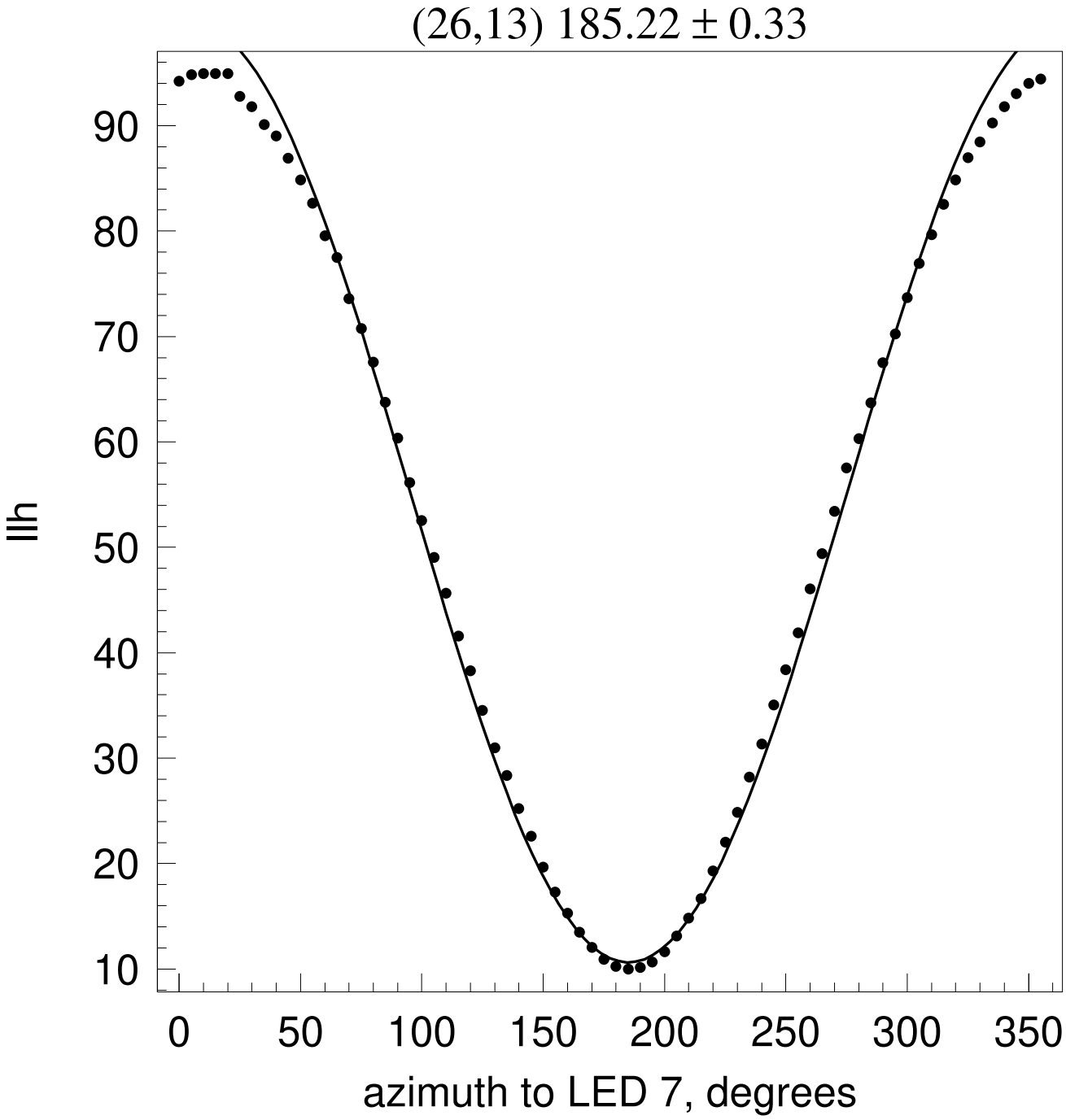

(26,8) 251.01 ± 0.22
26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

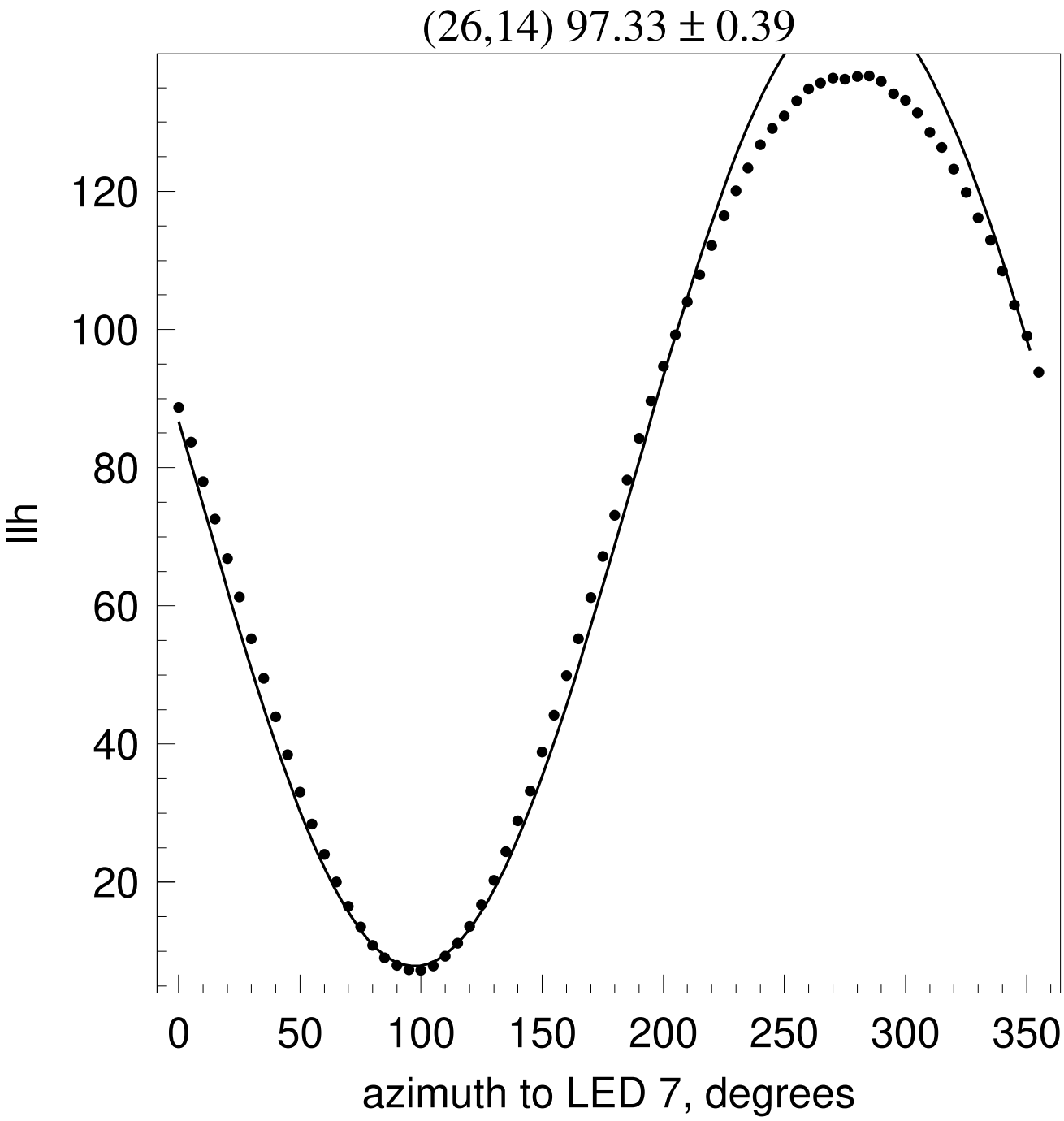

(26,9) 88.39 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

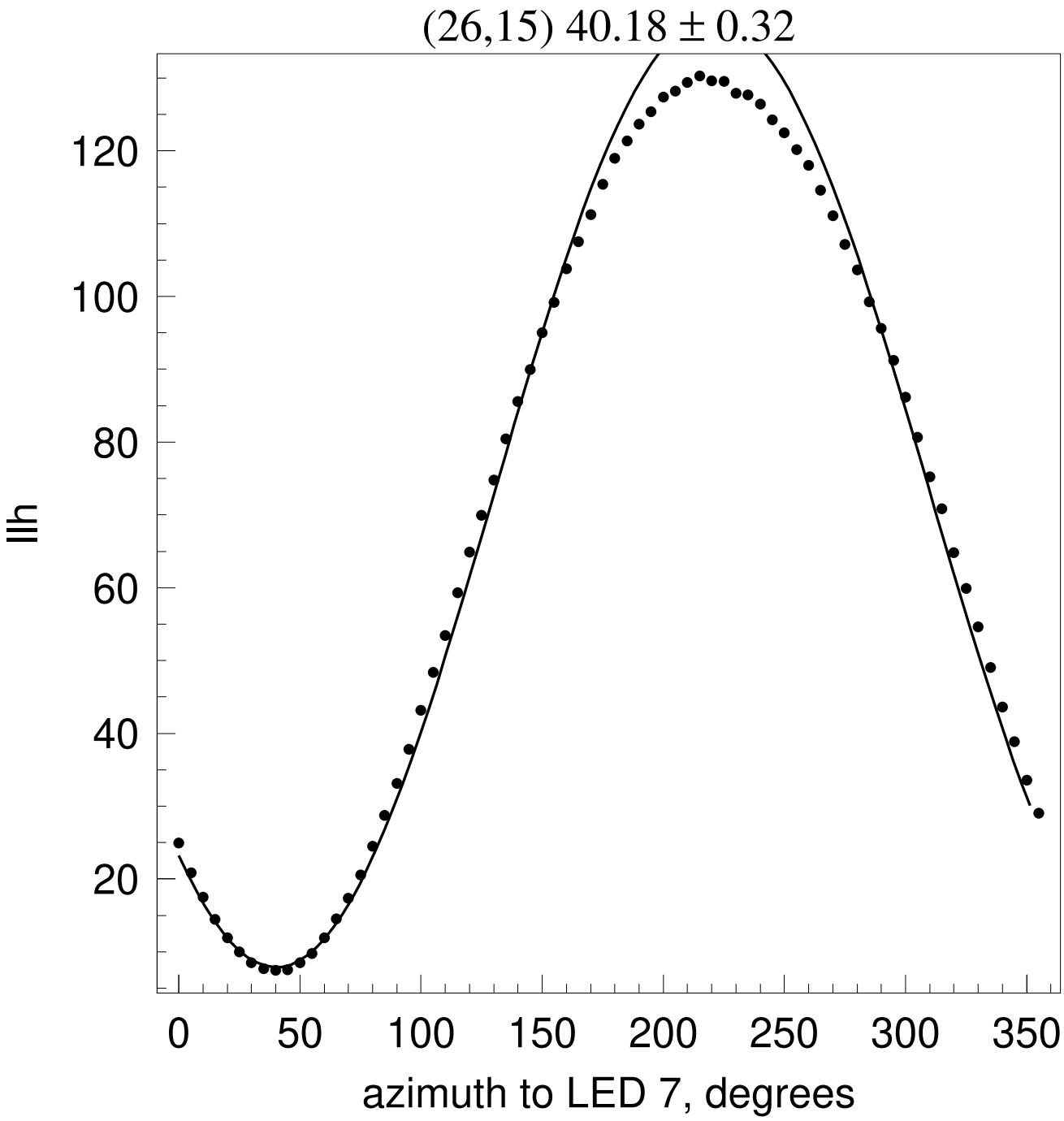

(26,10) 96.60 ± 0.29
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

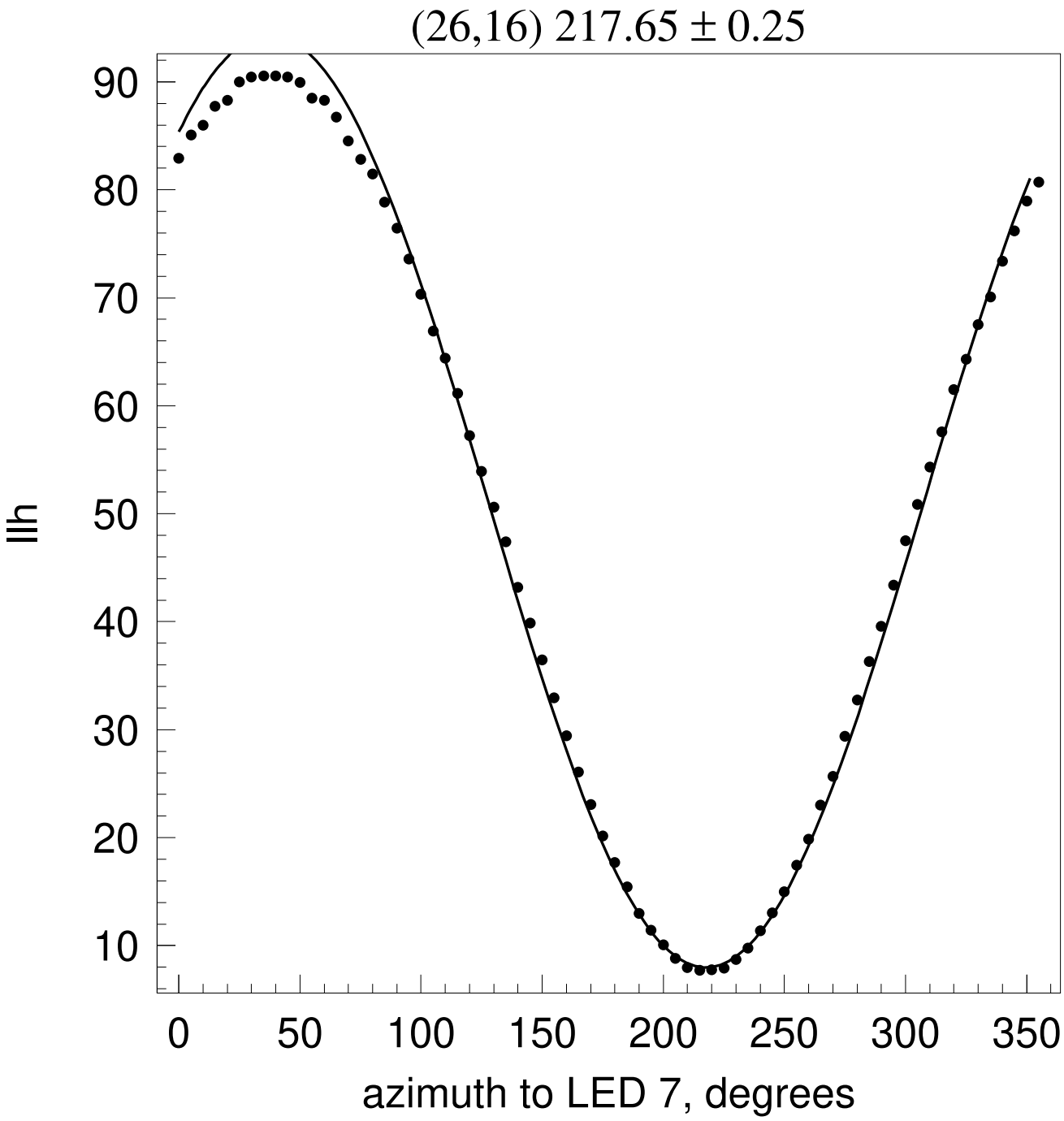

(26,11) 318.40 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

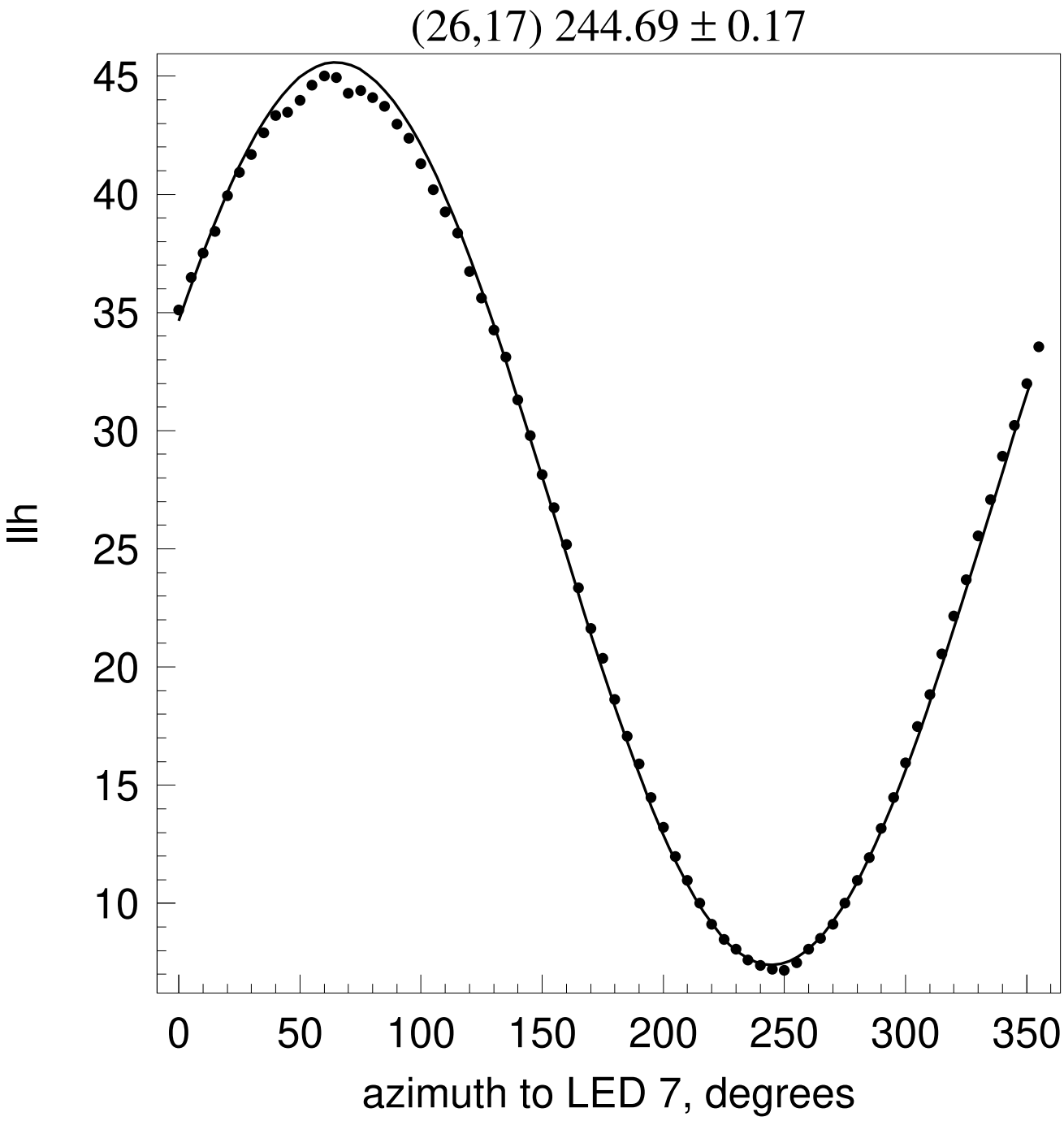

(26,12) 151.65 ± 0.16
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

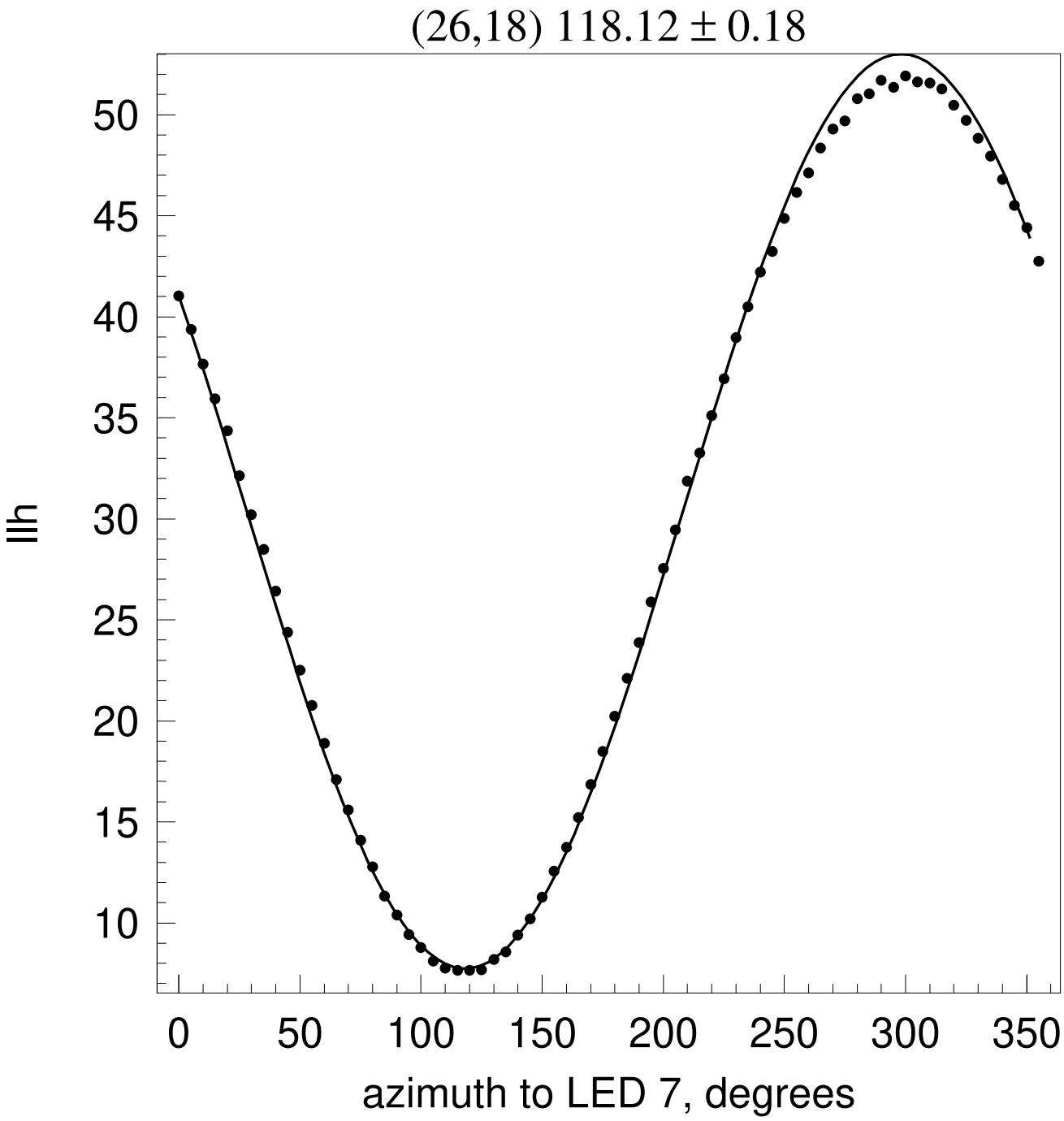

(26,13) 185.22 ± 0.33
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

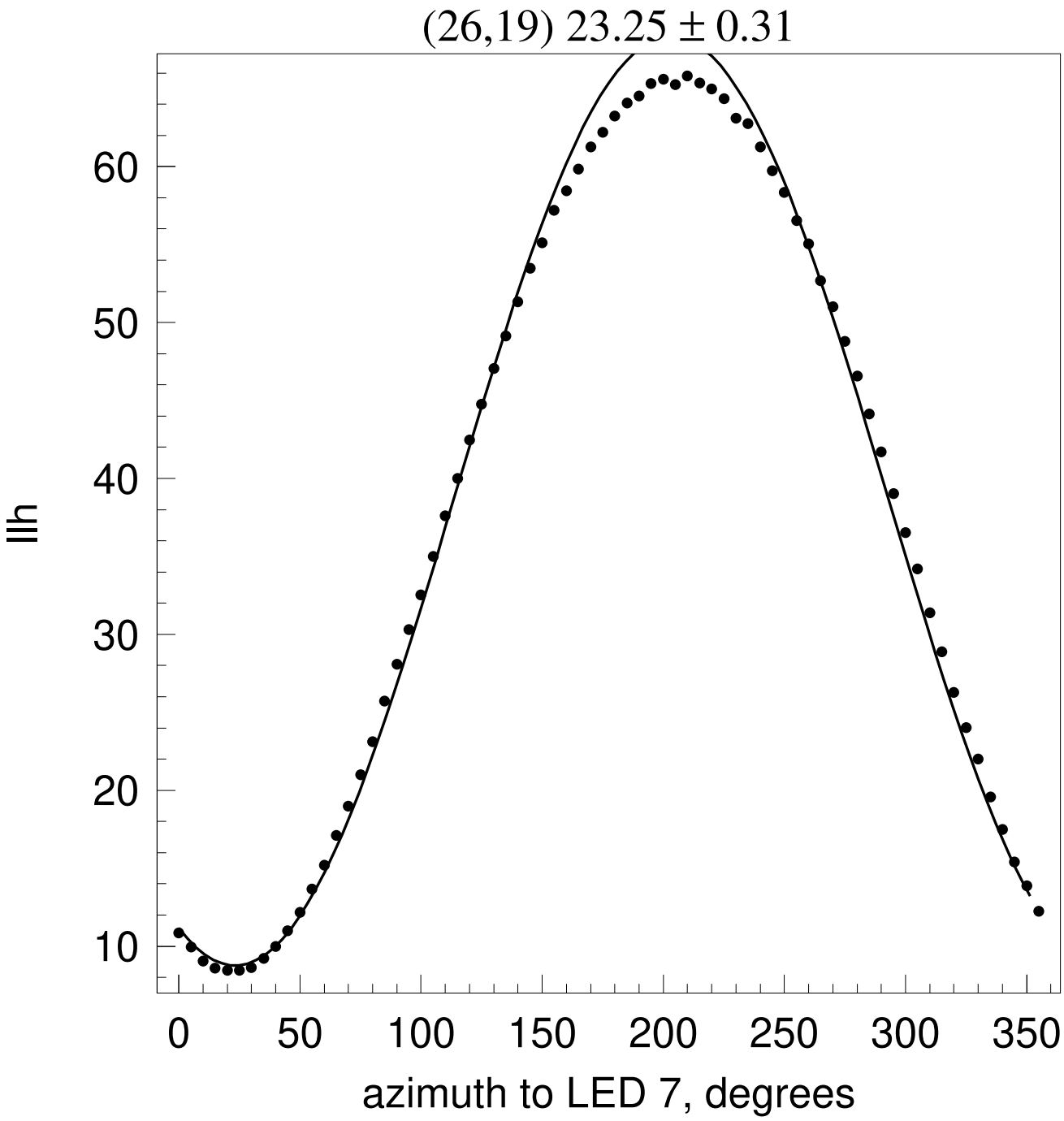

(26,14) 97.33 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

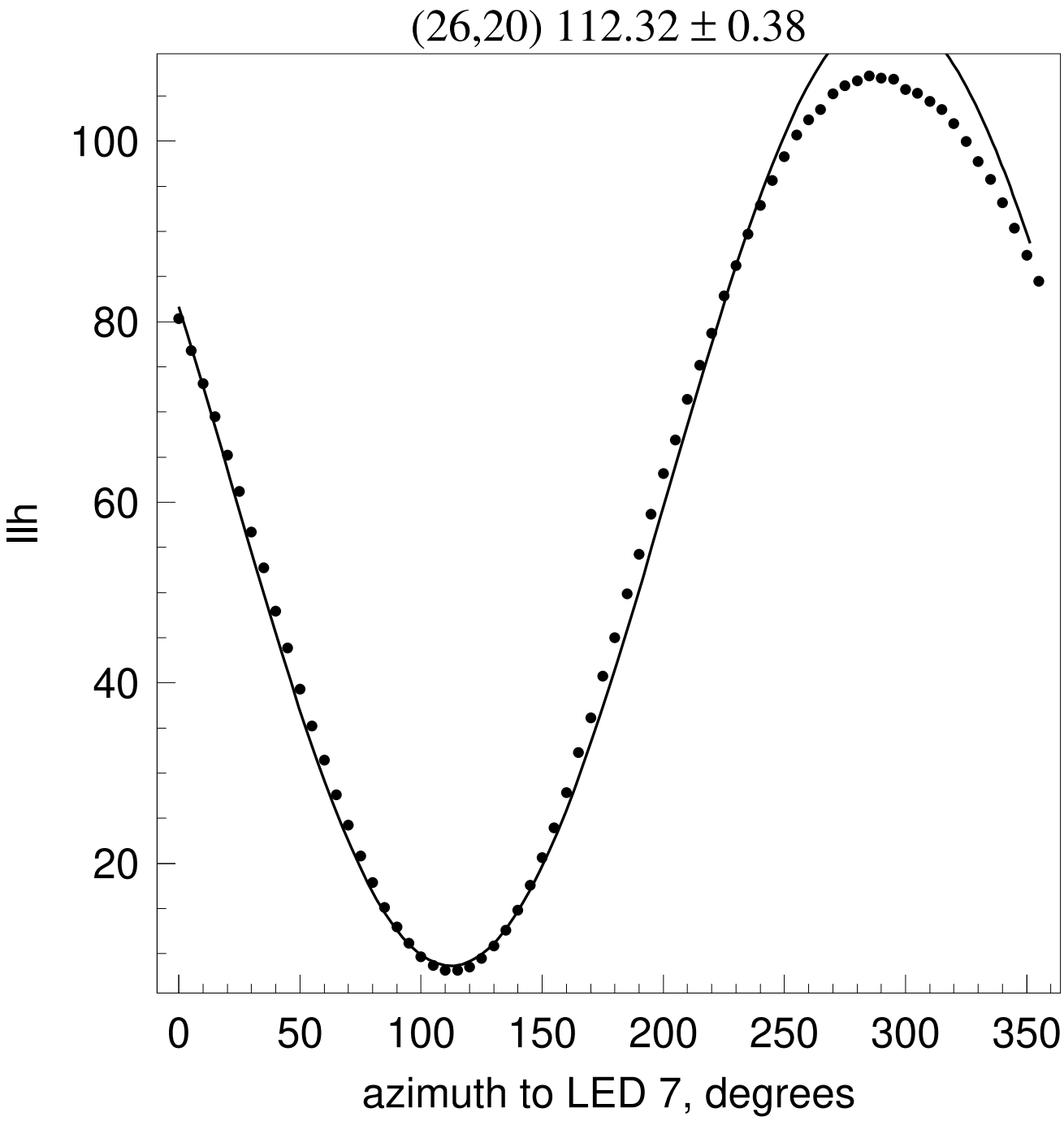

(26,15) 40.18 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

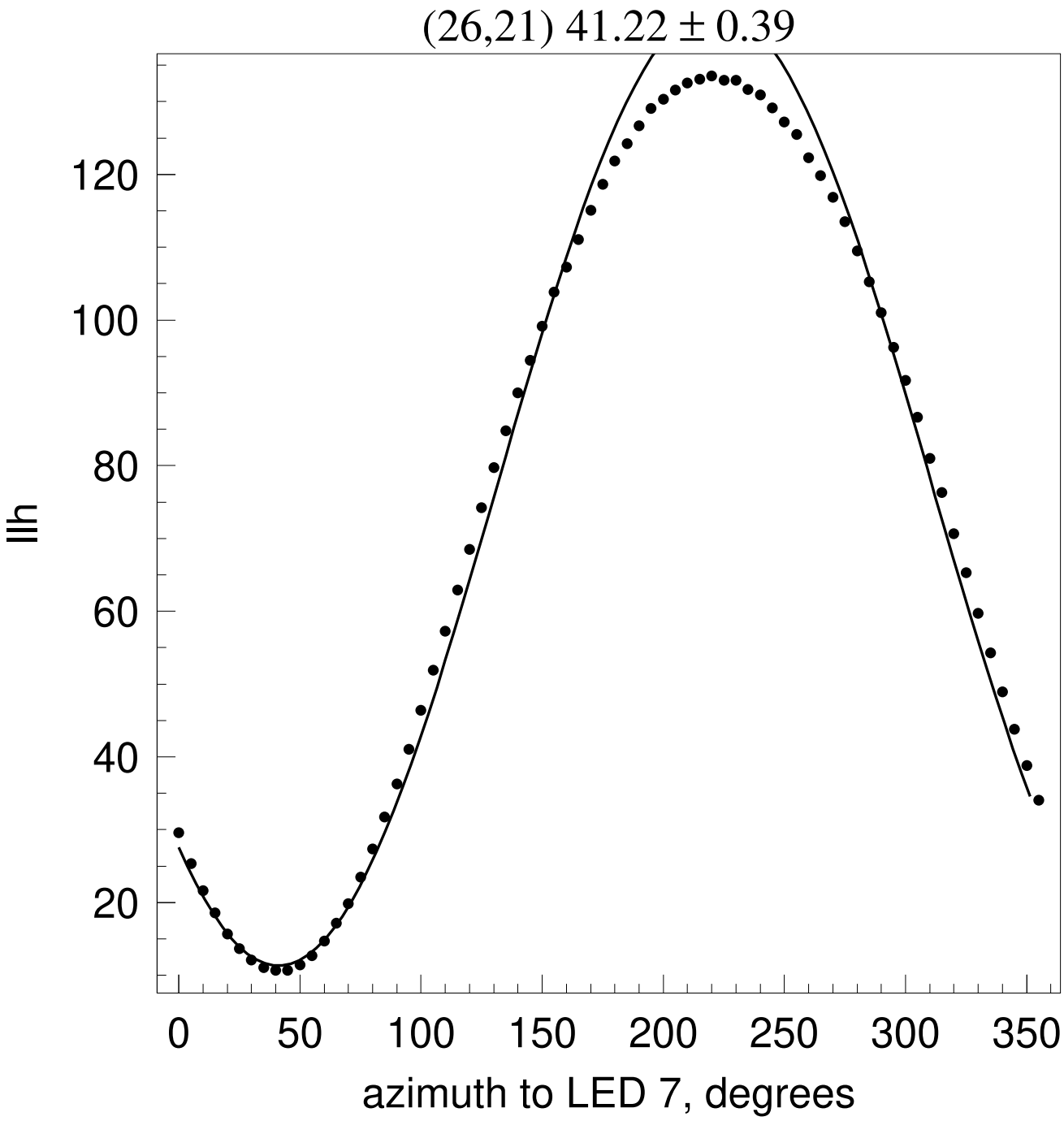

(26,16) 217.65 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

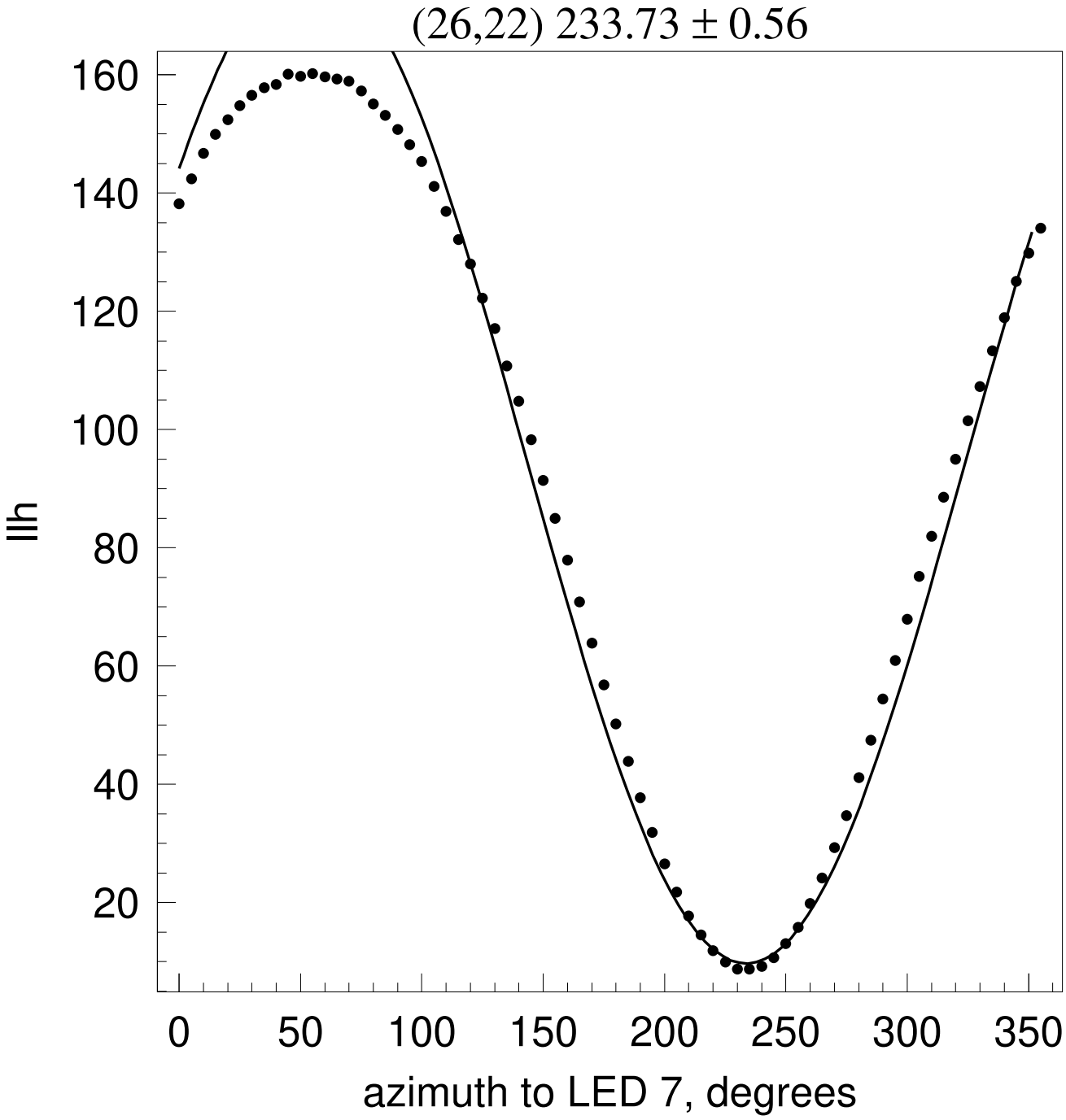

(26,17) 244.69 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

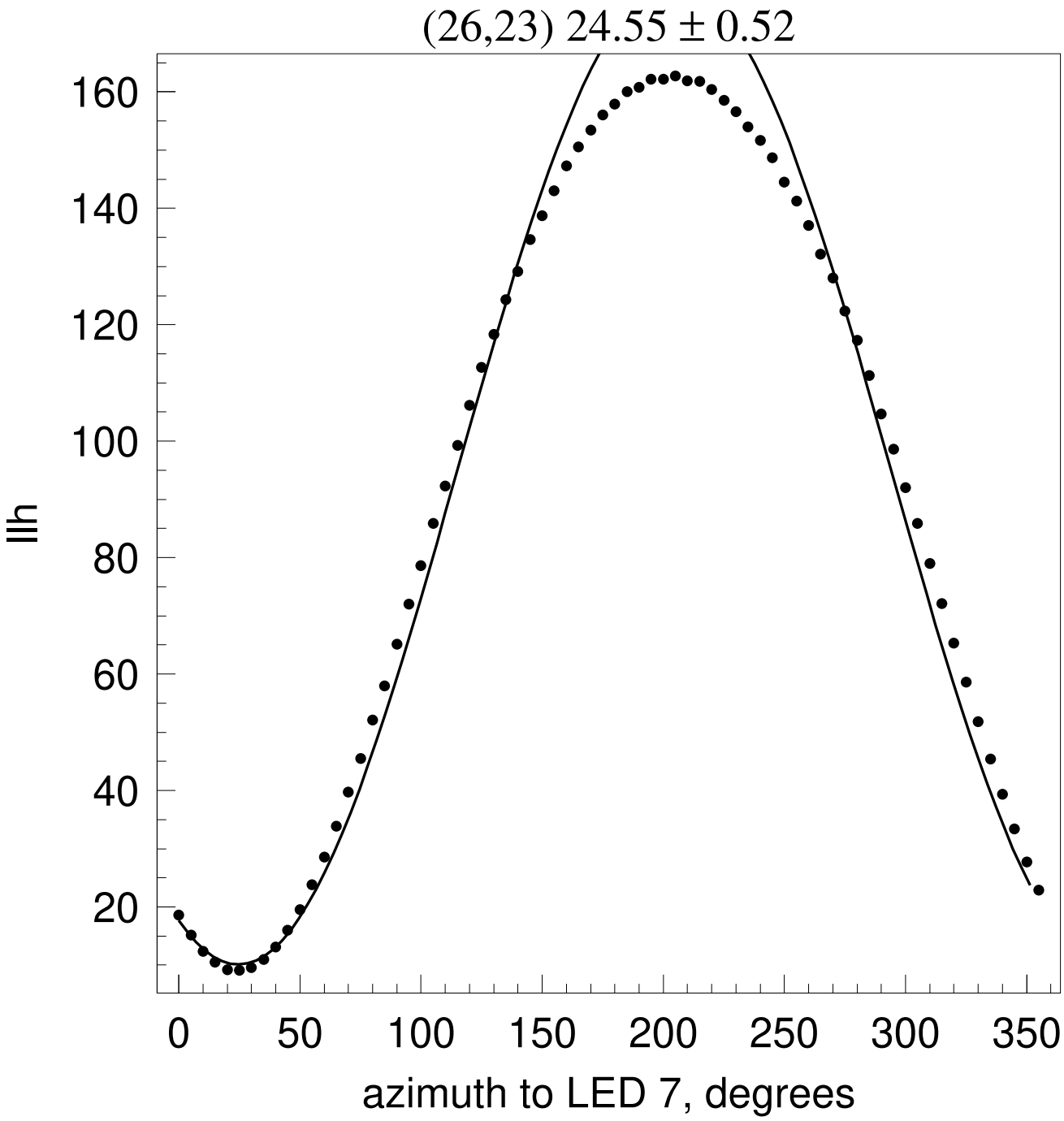

(26,18) 118.12 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

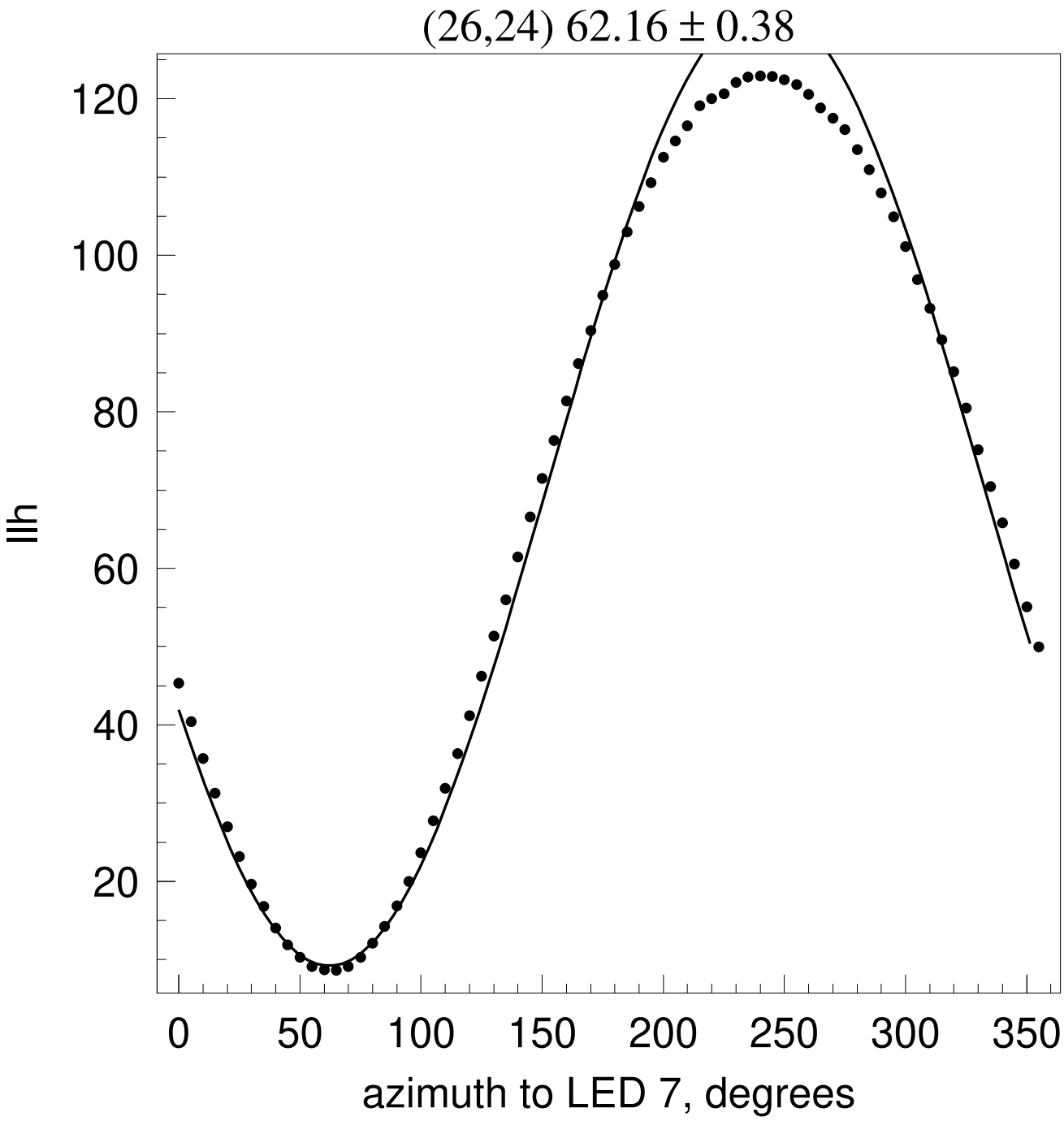

(26,19) 23.25 ± 0.31
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

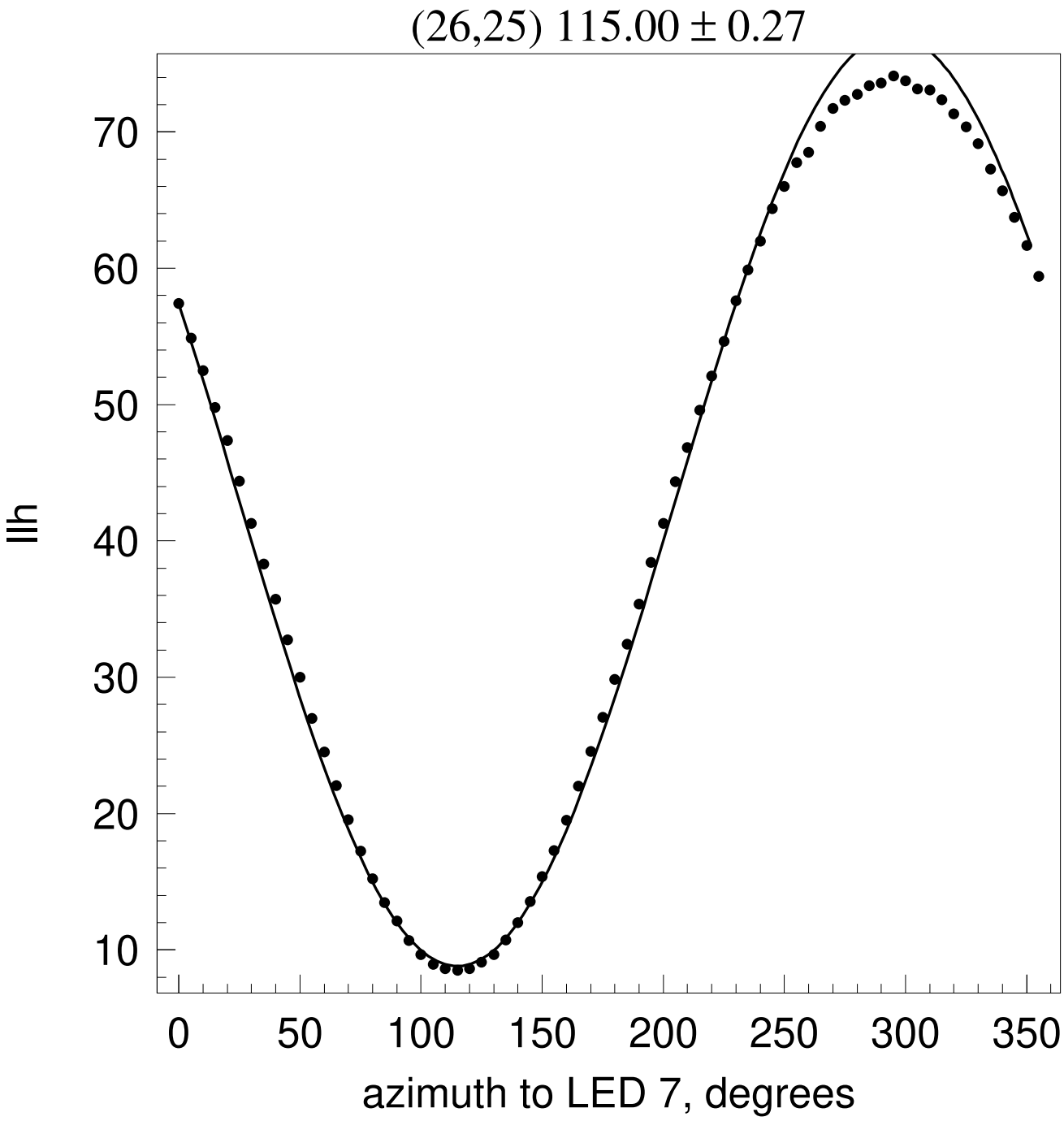

(26,20) 112.32 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

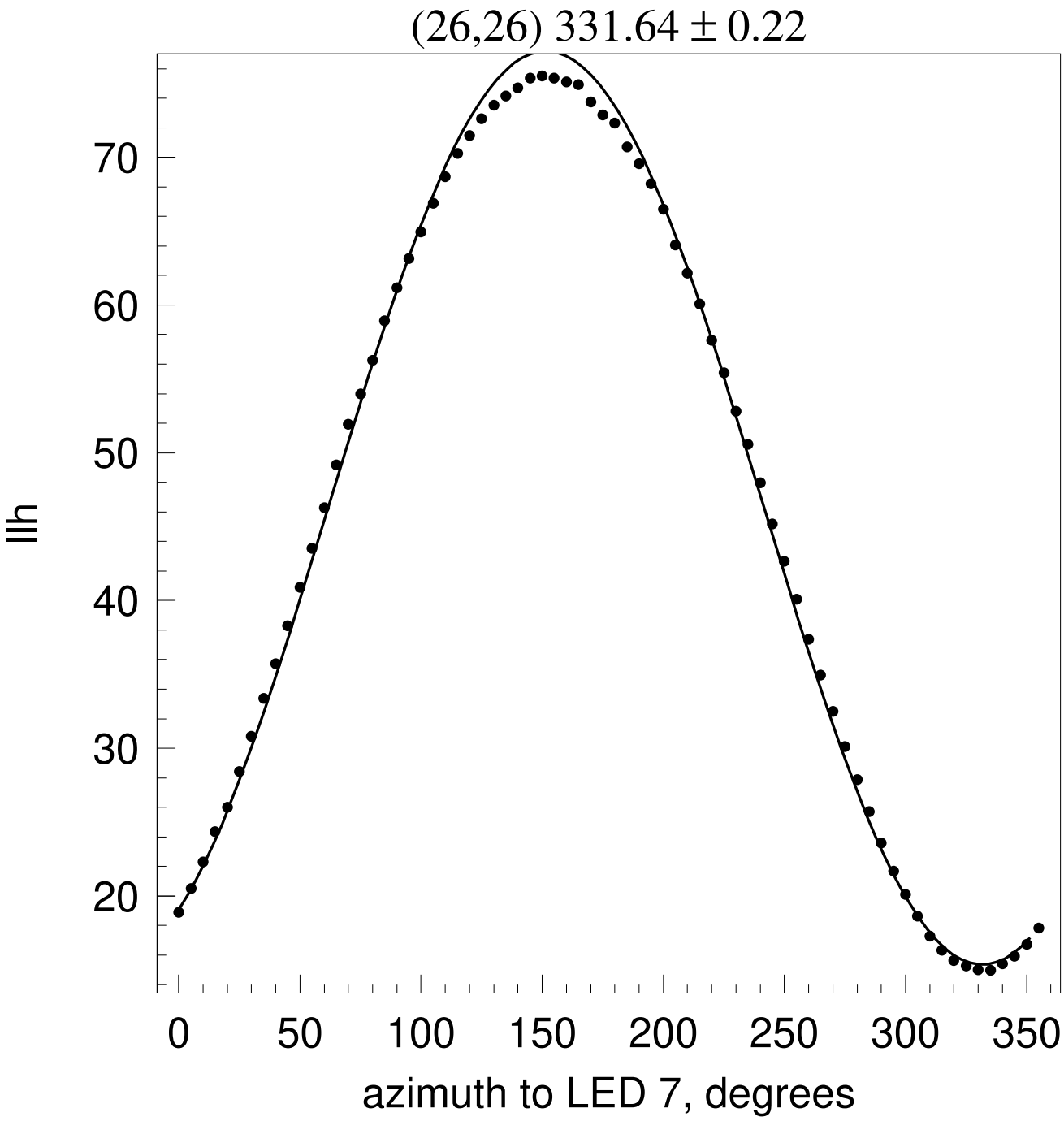

(26,21) 41.22 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

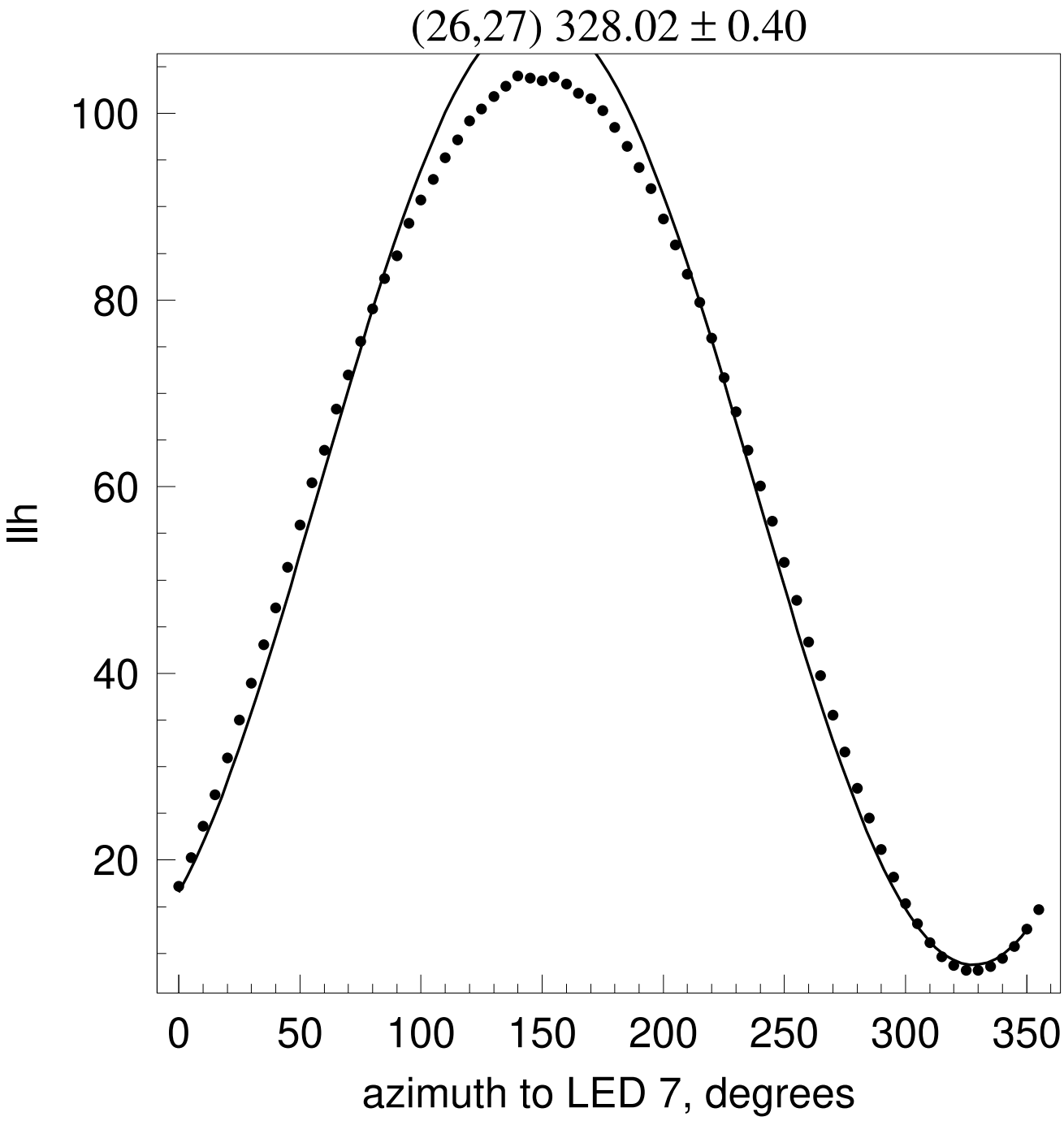

(26,22) 233.73 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

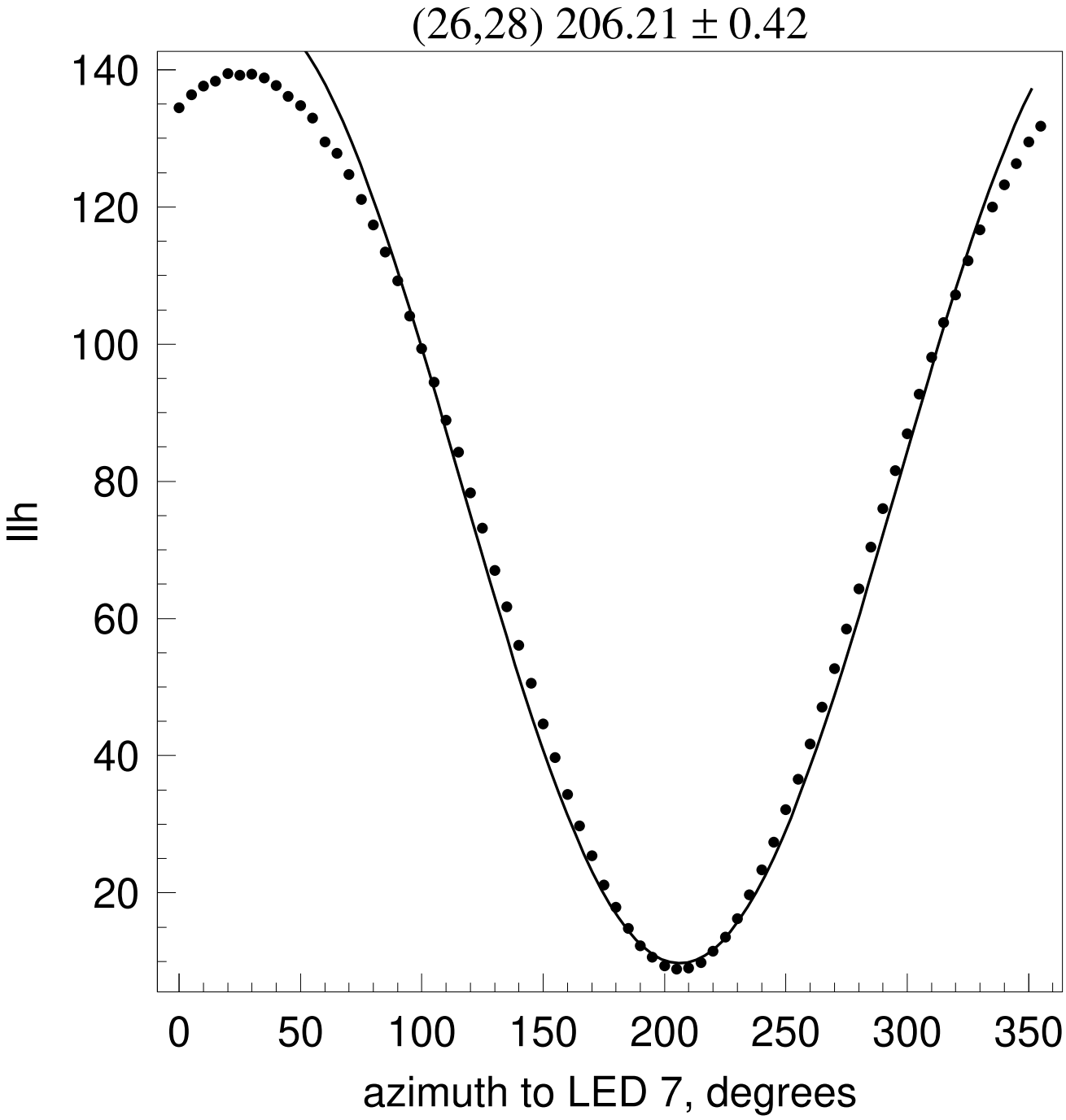

(26,23) 24.55 ± 0.52
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

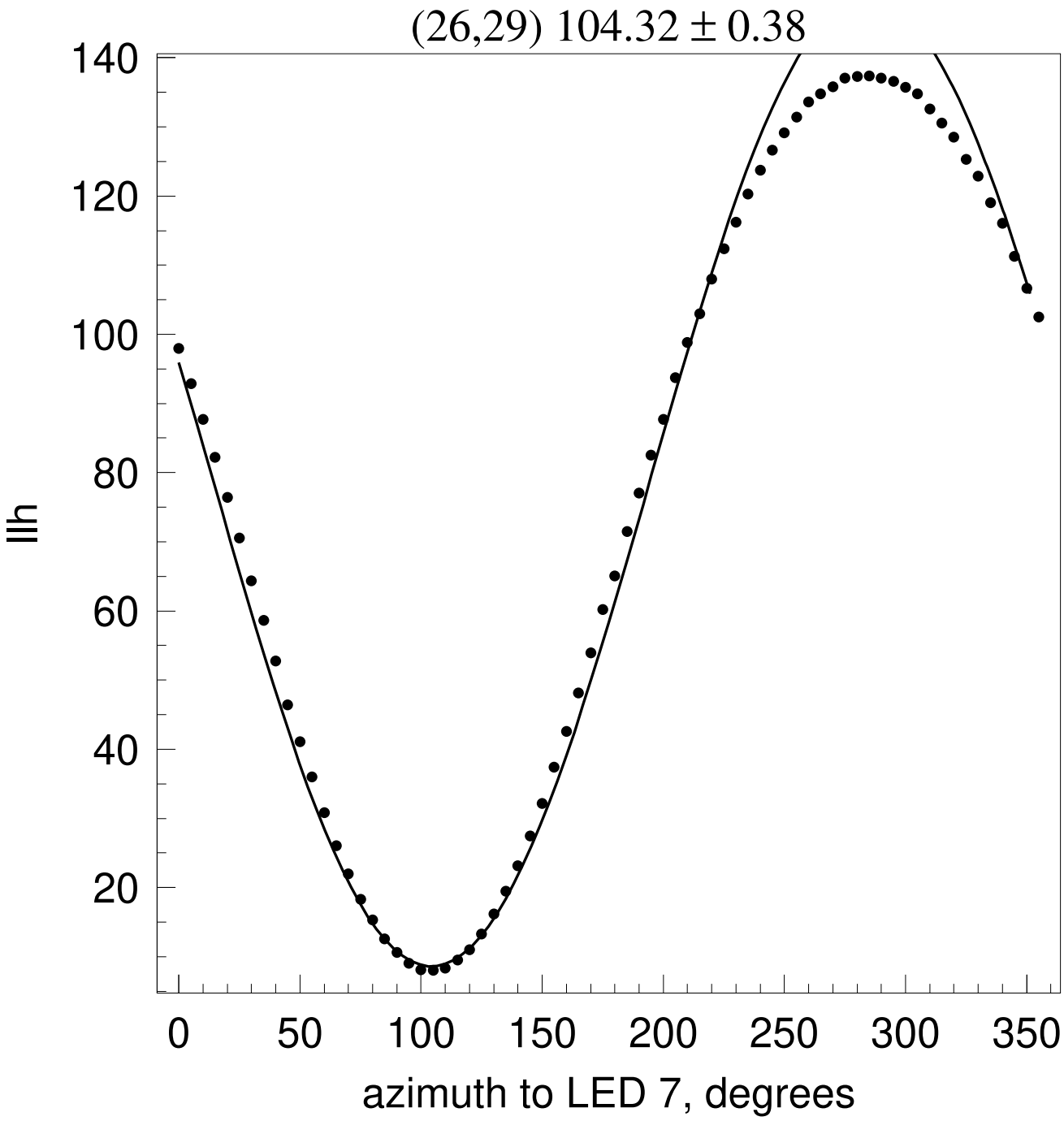

(26,24) 62.16 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

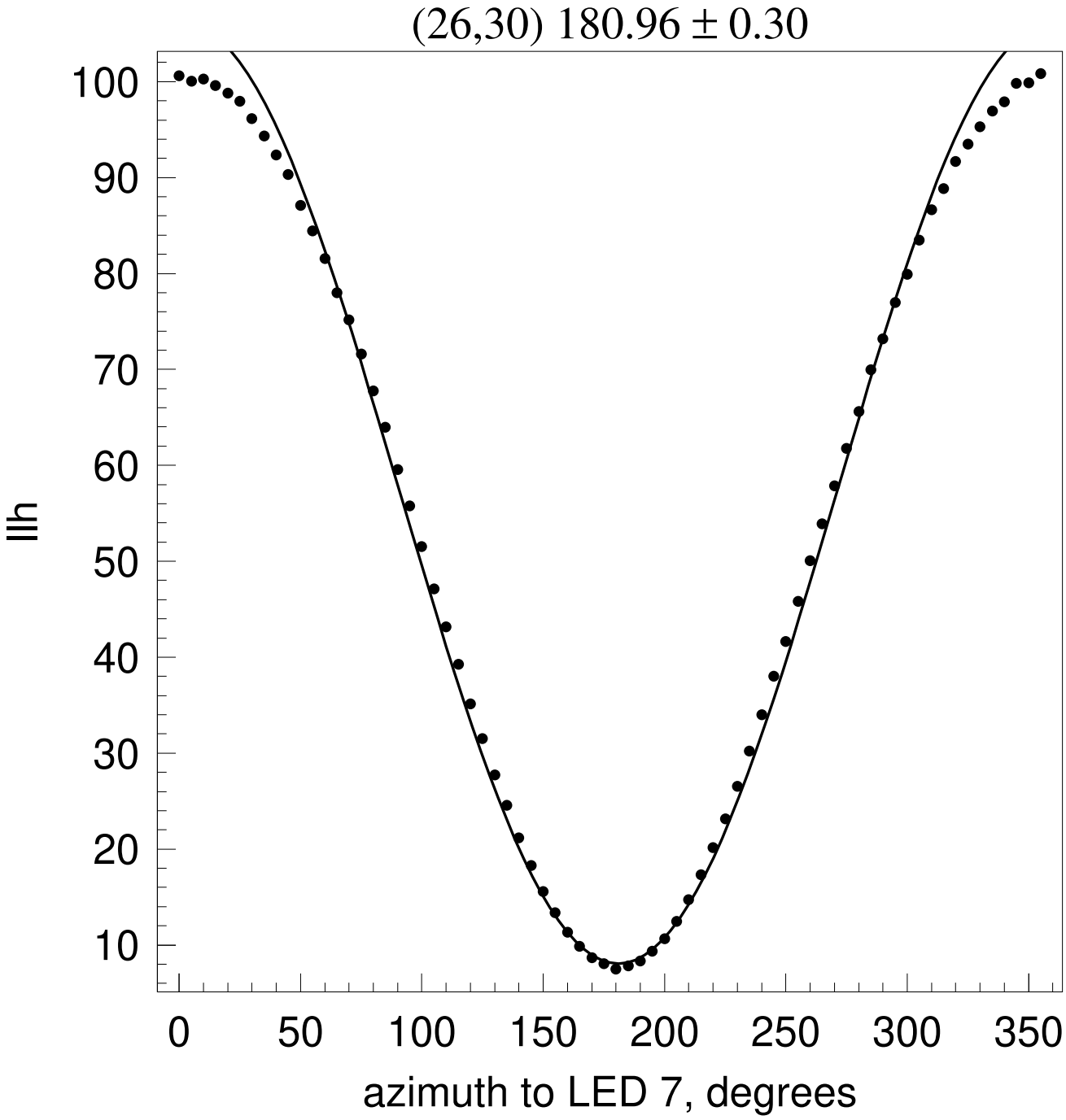

(26,25) 115.00 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

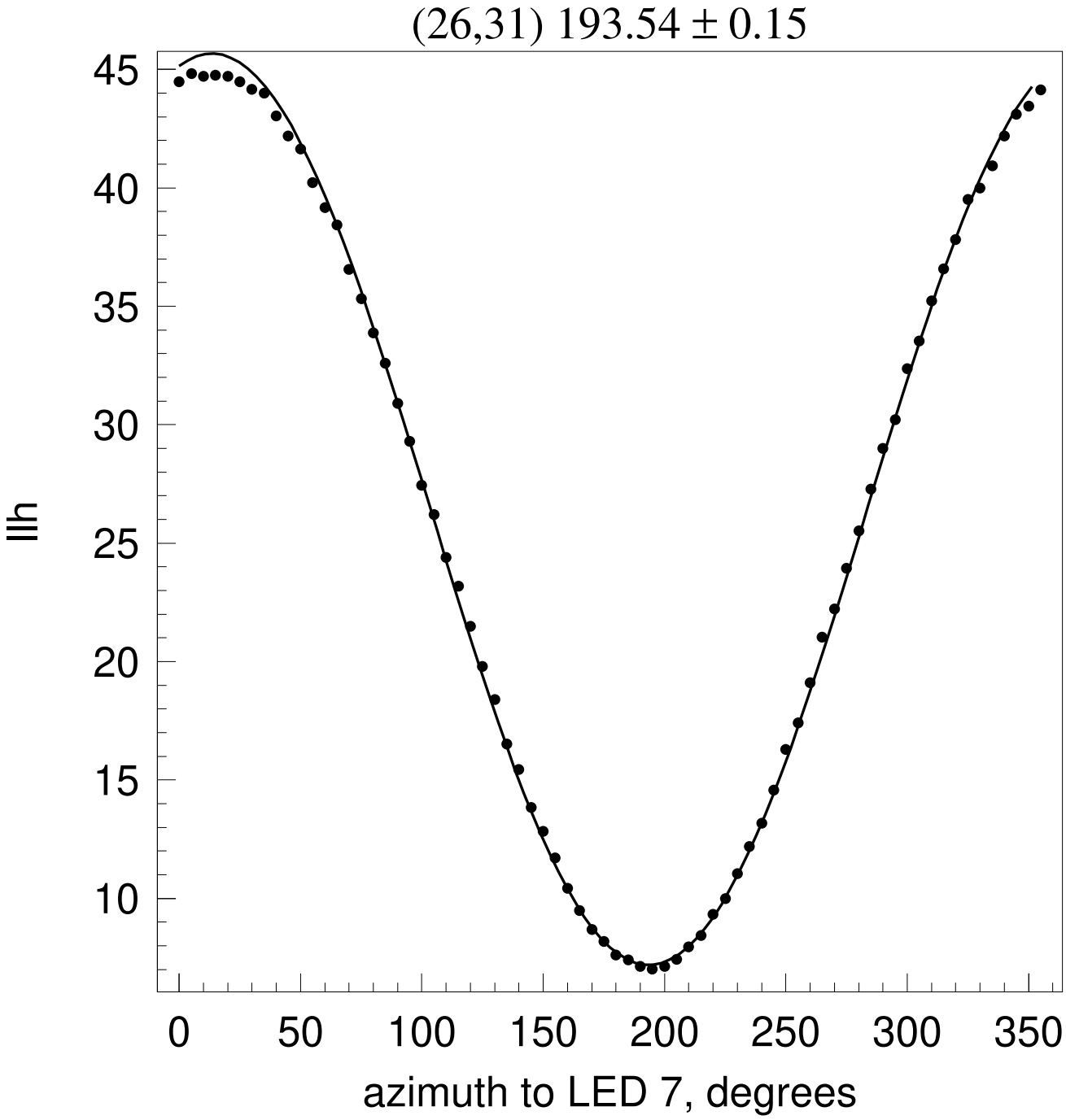

(26,26) 331.64 ± 0.22
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

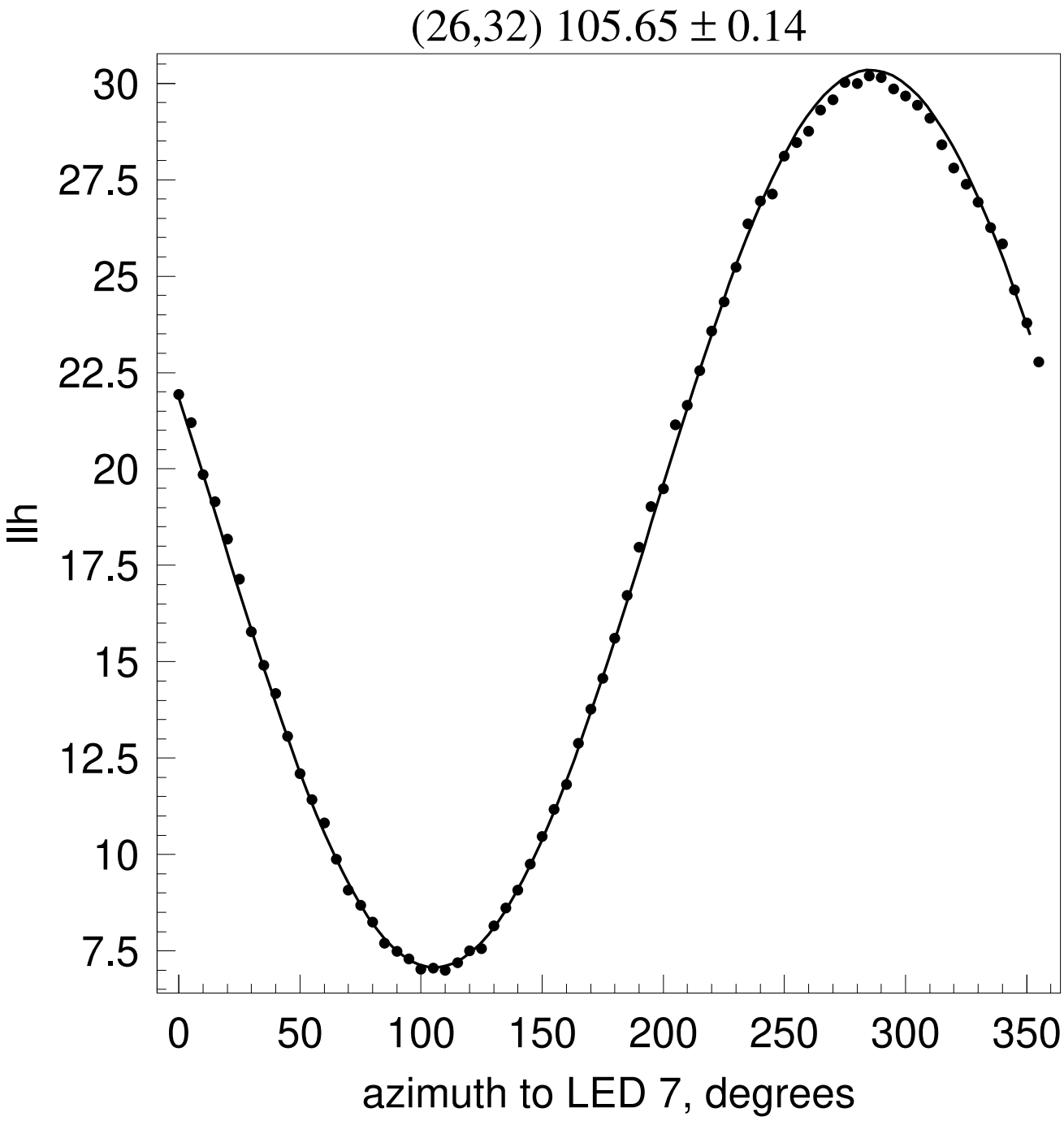

(26,27) 328.02 ± 0.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

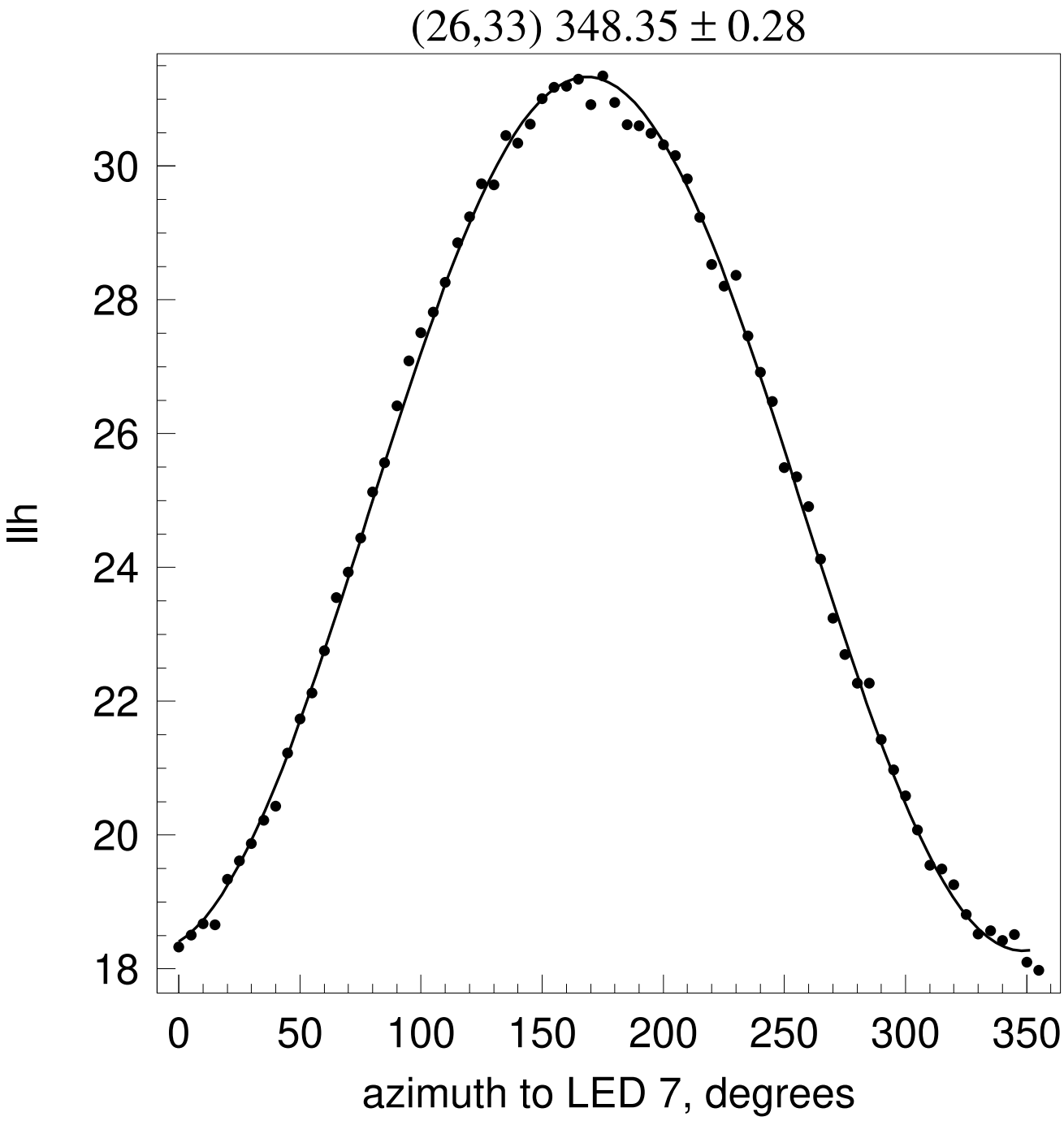

(26,28) 206.21 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

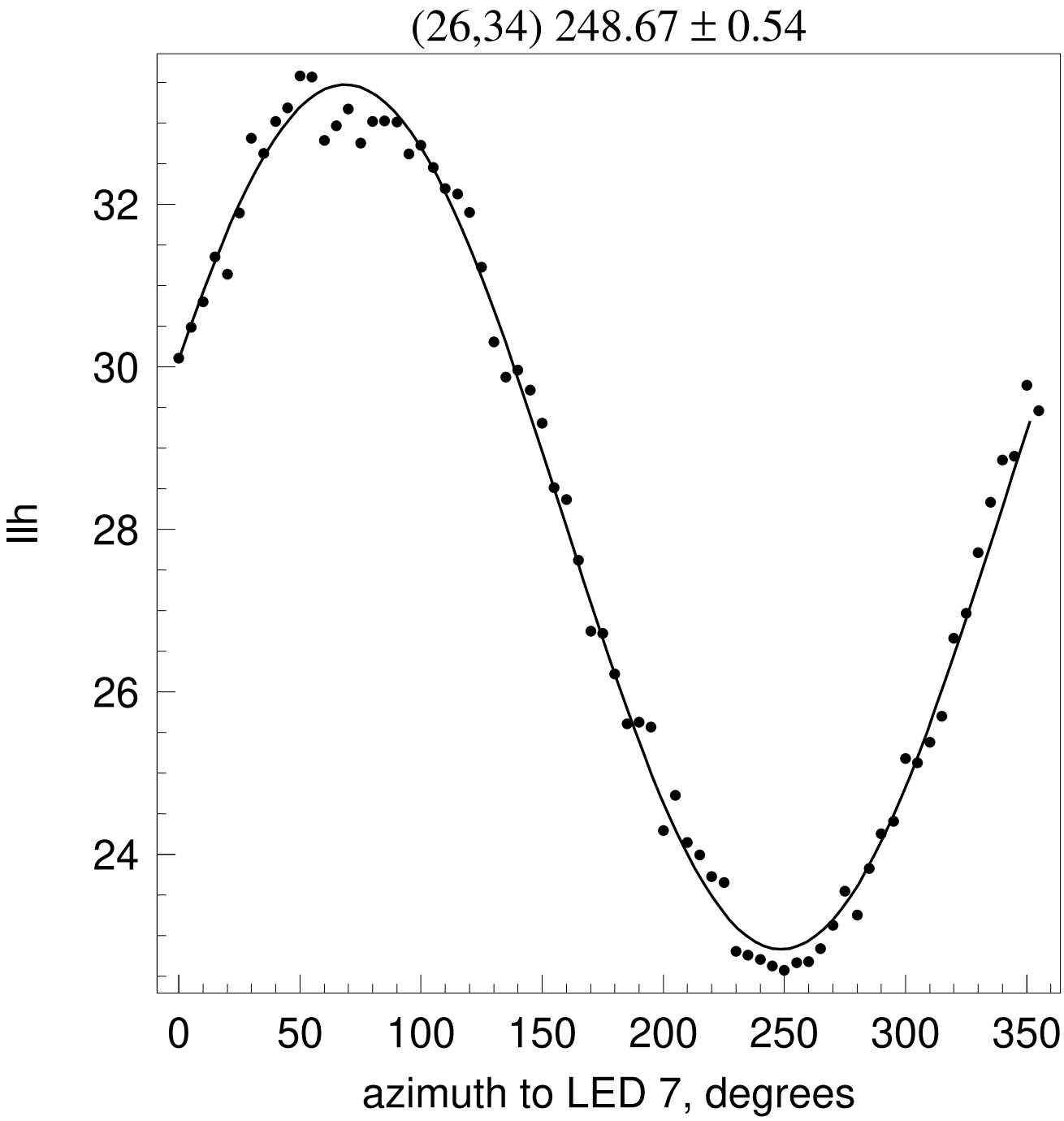

(26,29) 104.32 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

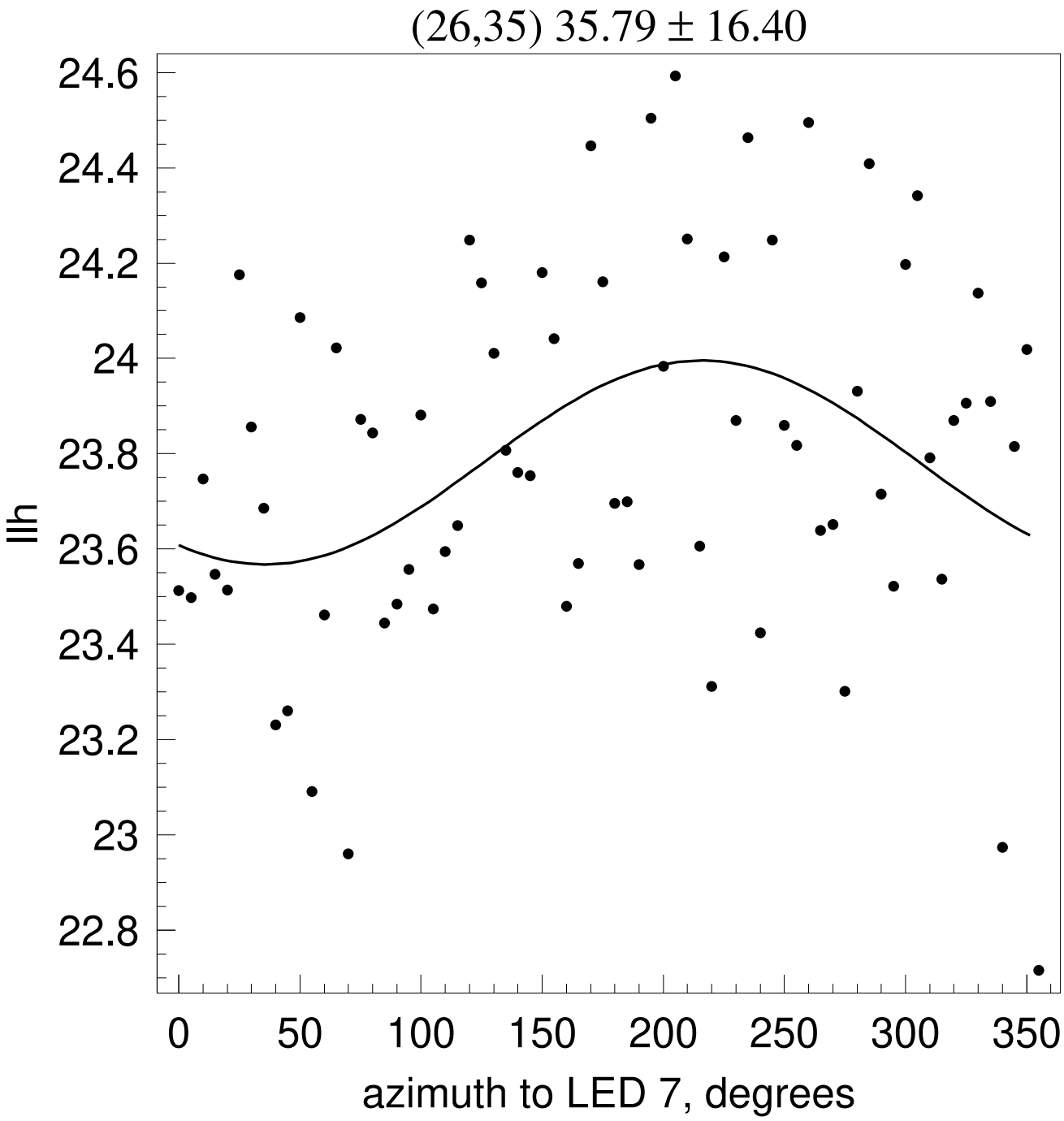

(26,30) 180.96 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

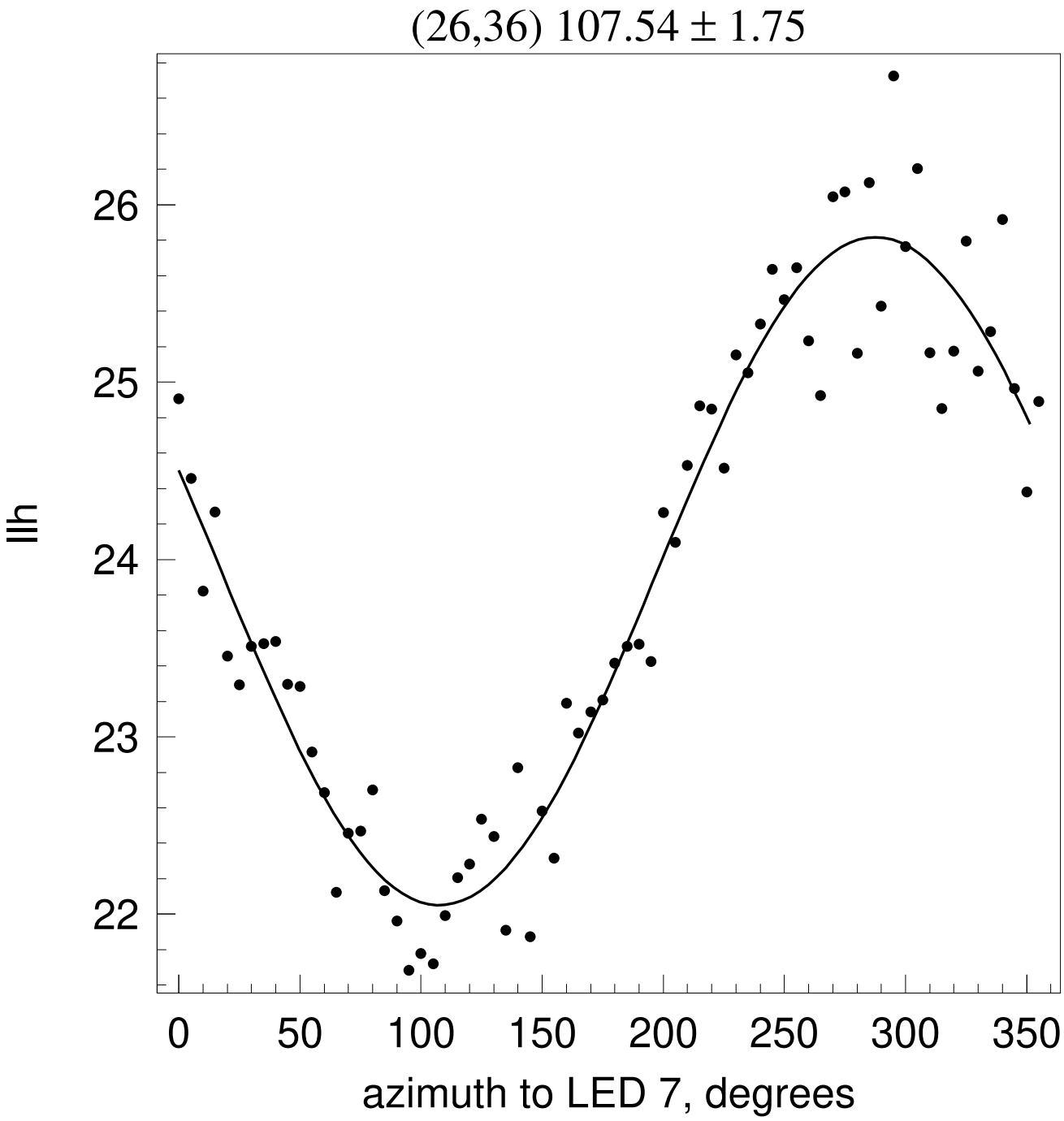

(26,31) 193.54 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

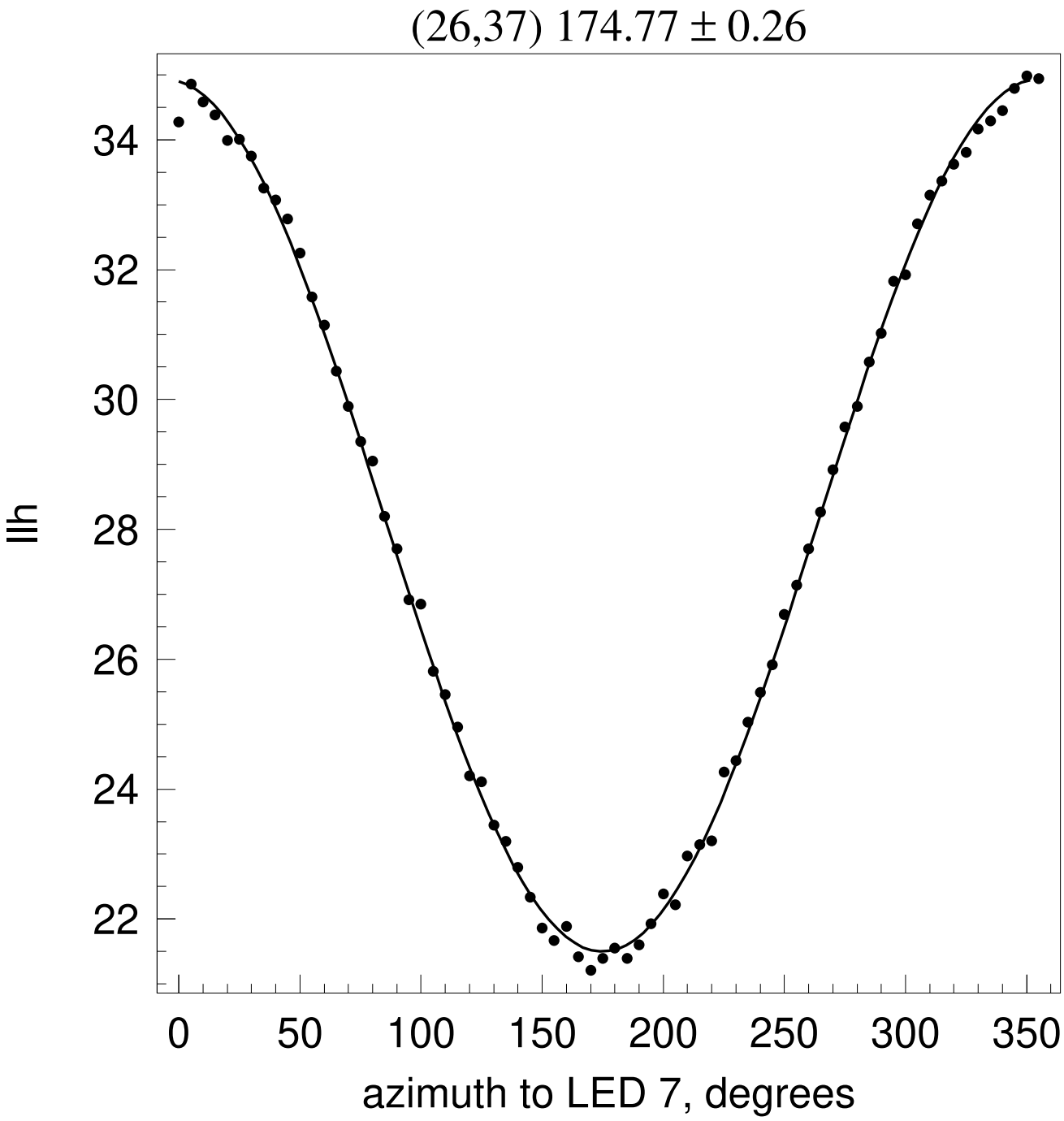

(26,32) 105.65 ± 0.14
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

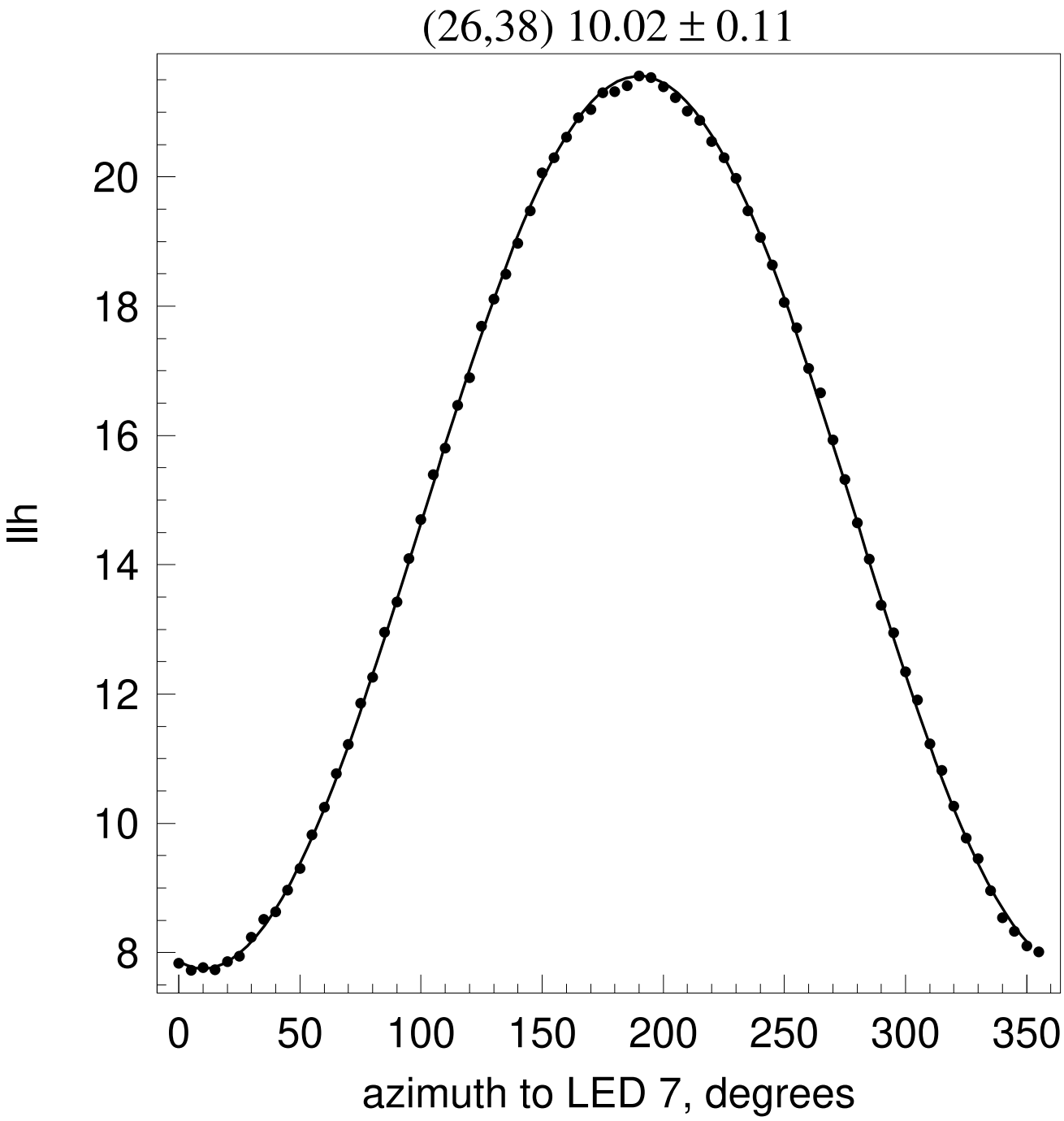

(26,33) 348.35 ± 0.28
llh
30
28
26
24
22
20
18
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

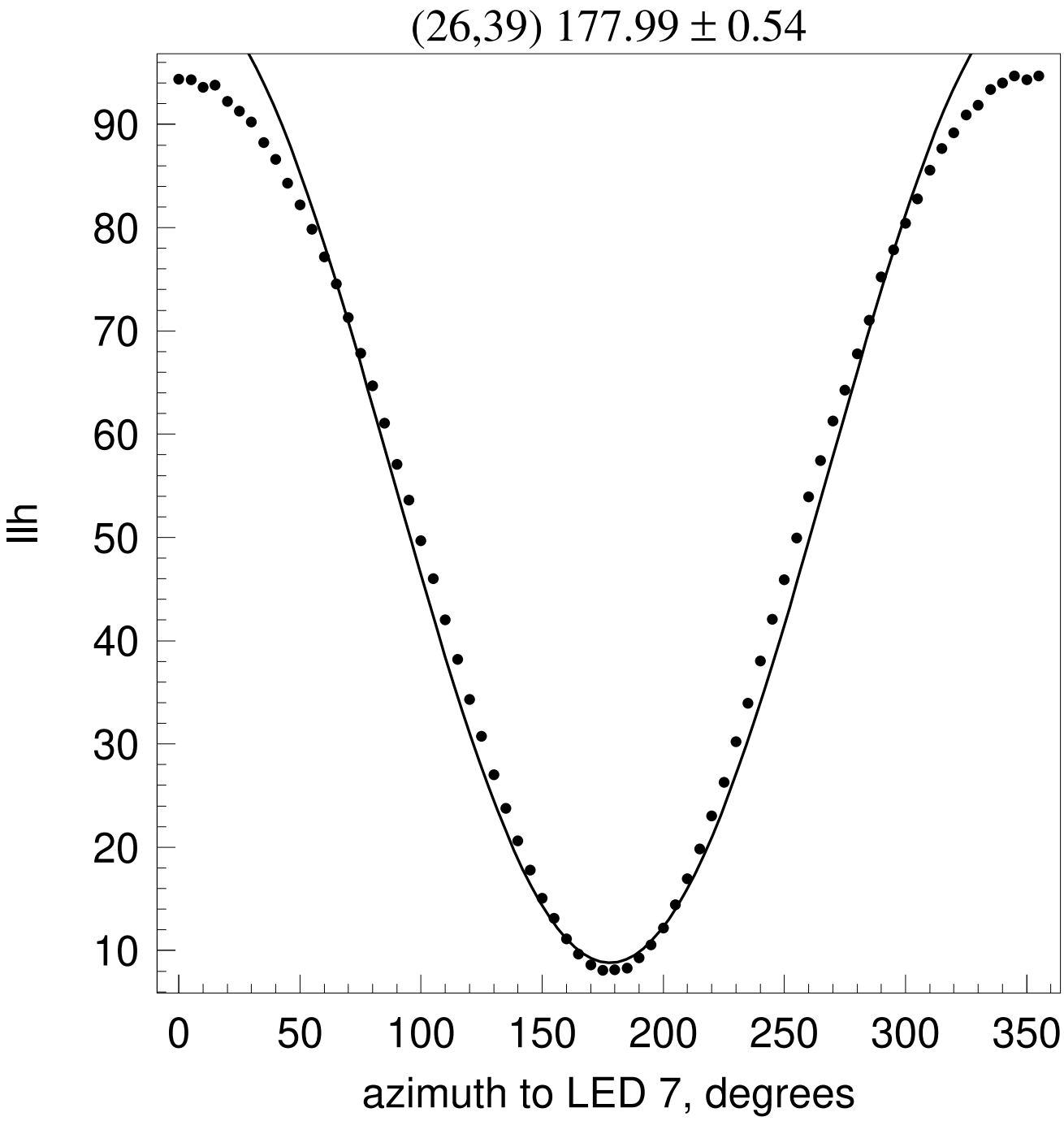

(26,34) 248.67 ± 0.54
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

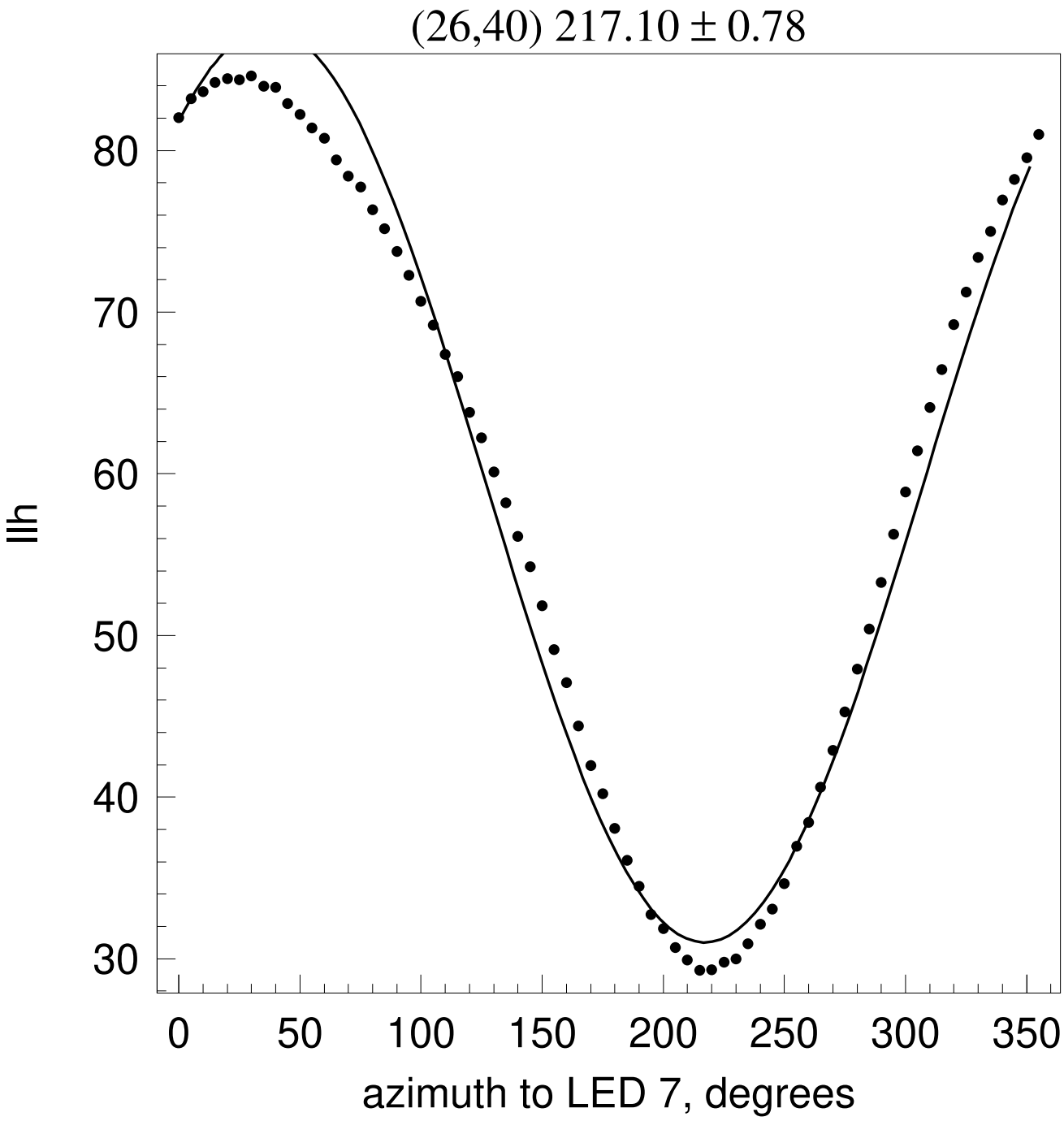

(26,35) 35.79 ± 16.40
24.6
24.4
24.2
24
23.8
23.6
23.4
23.2
23
22.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

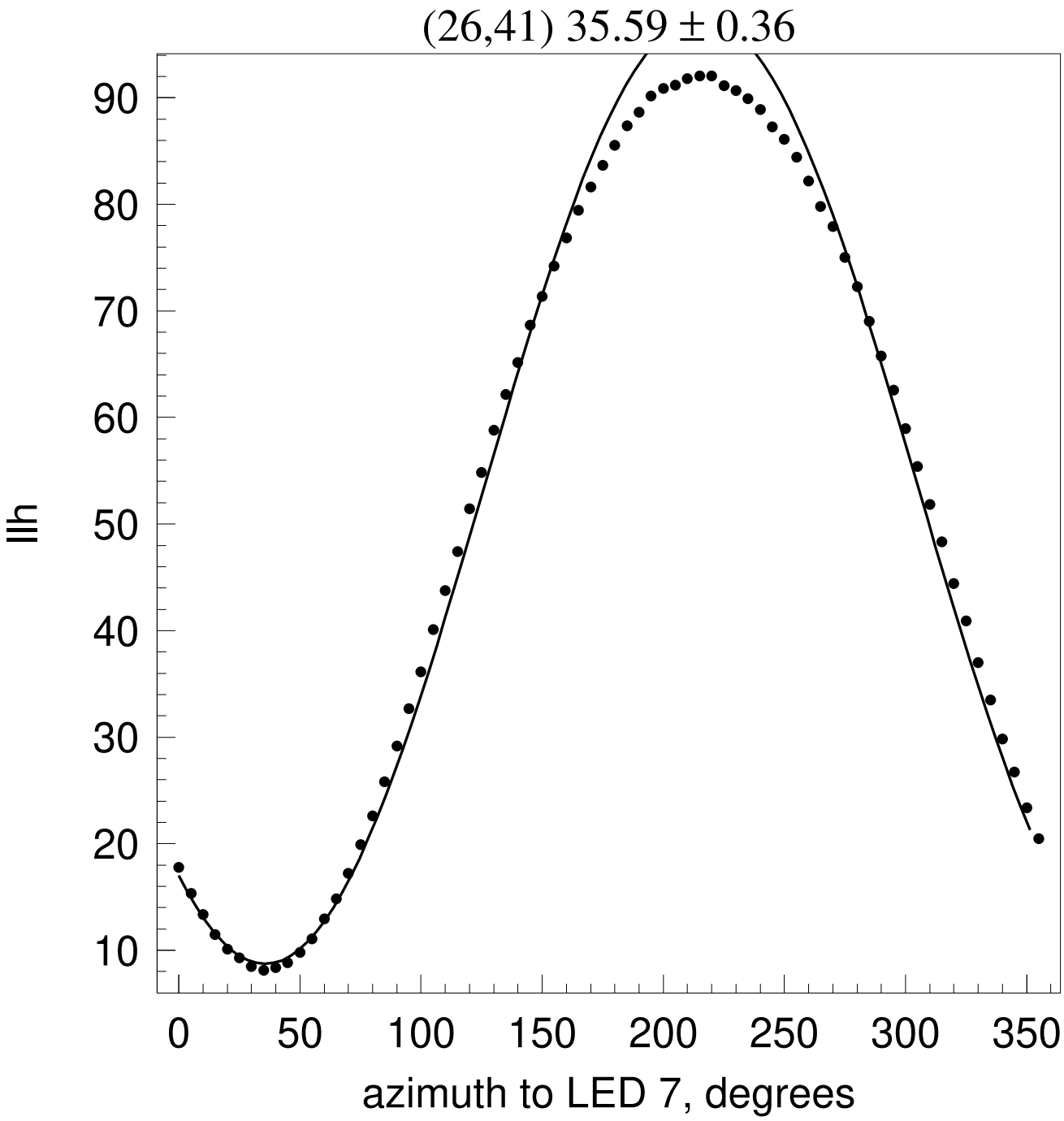

(26,36) 107.54 ± 1.75
llh
26
25
24
23
22
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

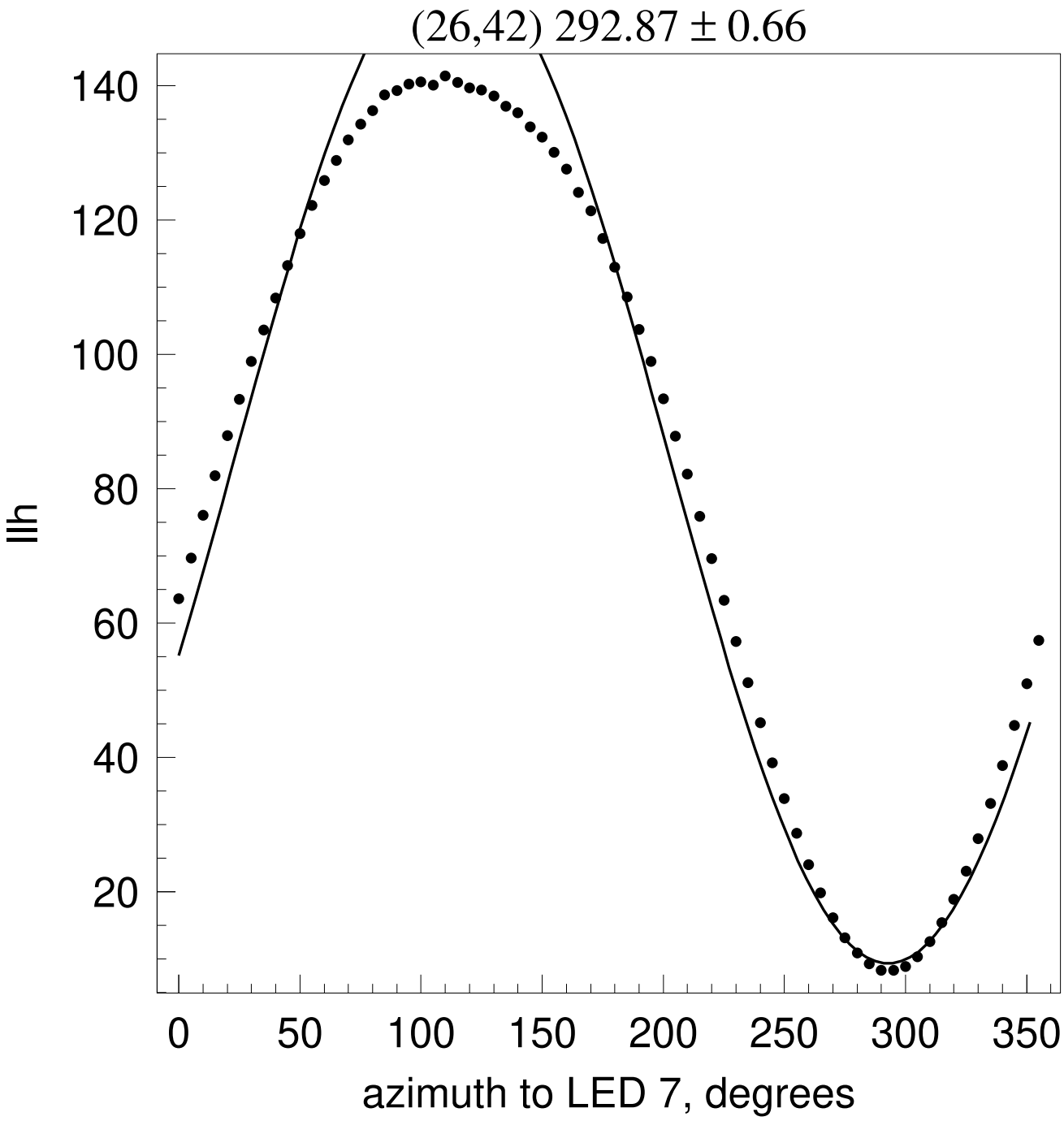

(26,37) 174.77 ± 0.26
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

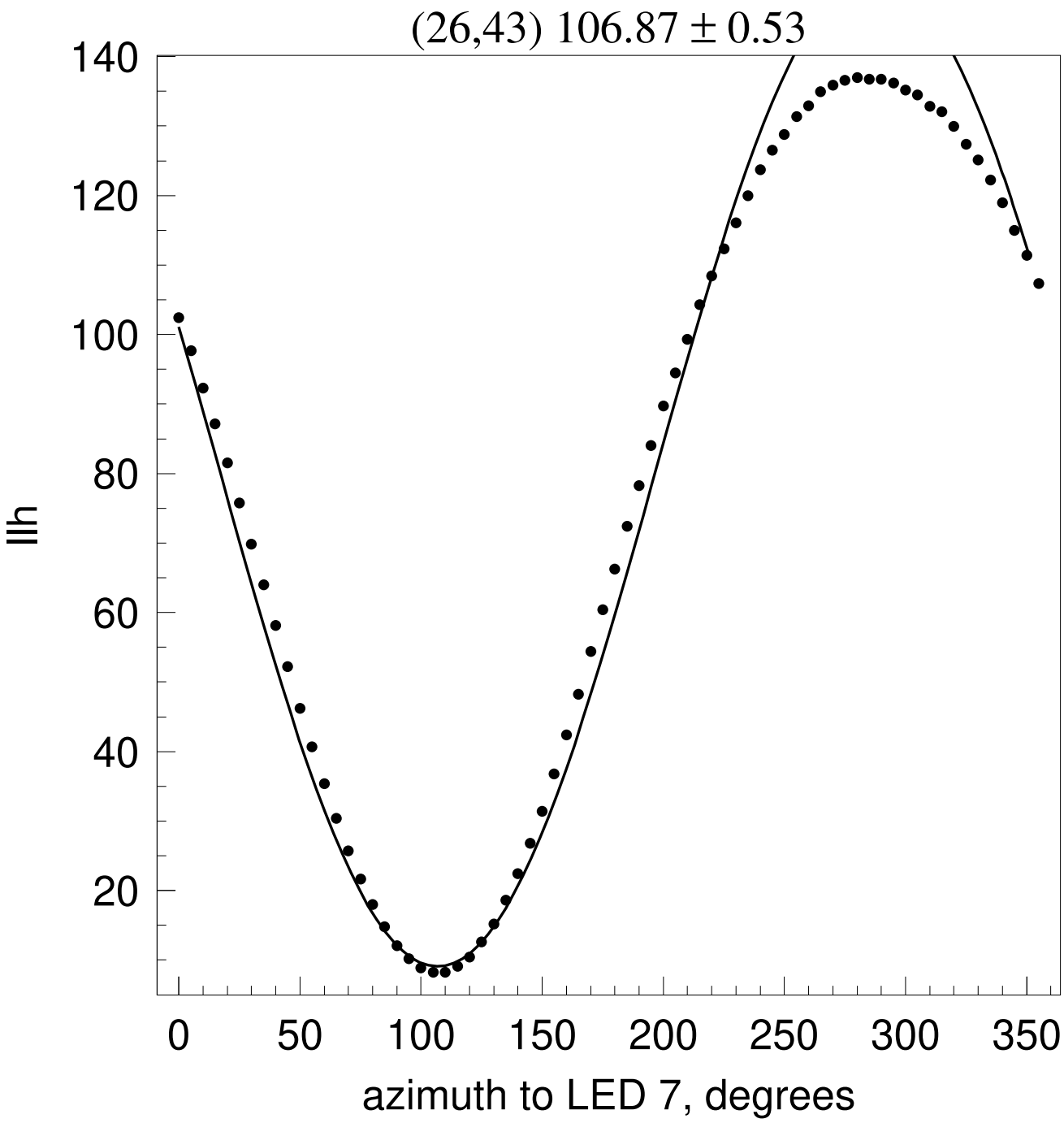

(26,38) 10.02 ± 0.11
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

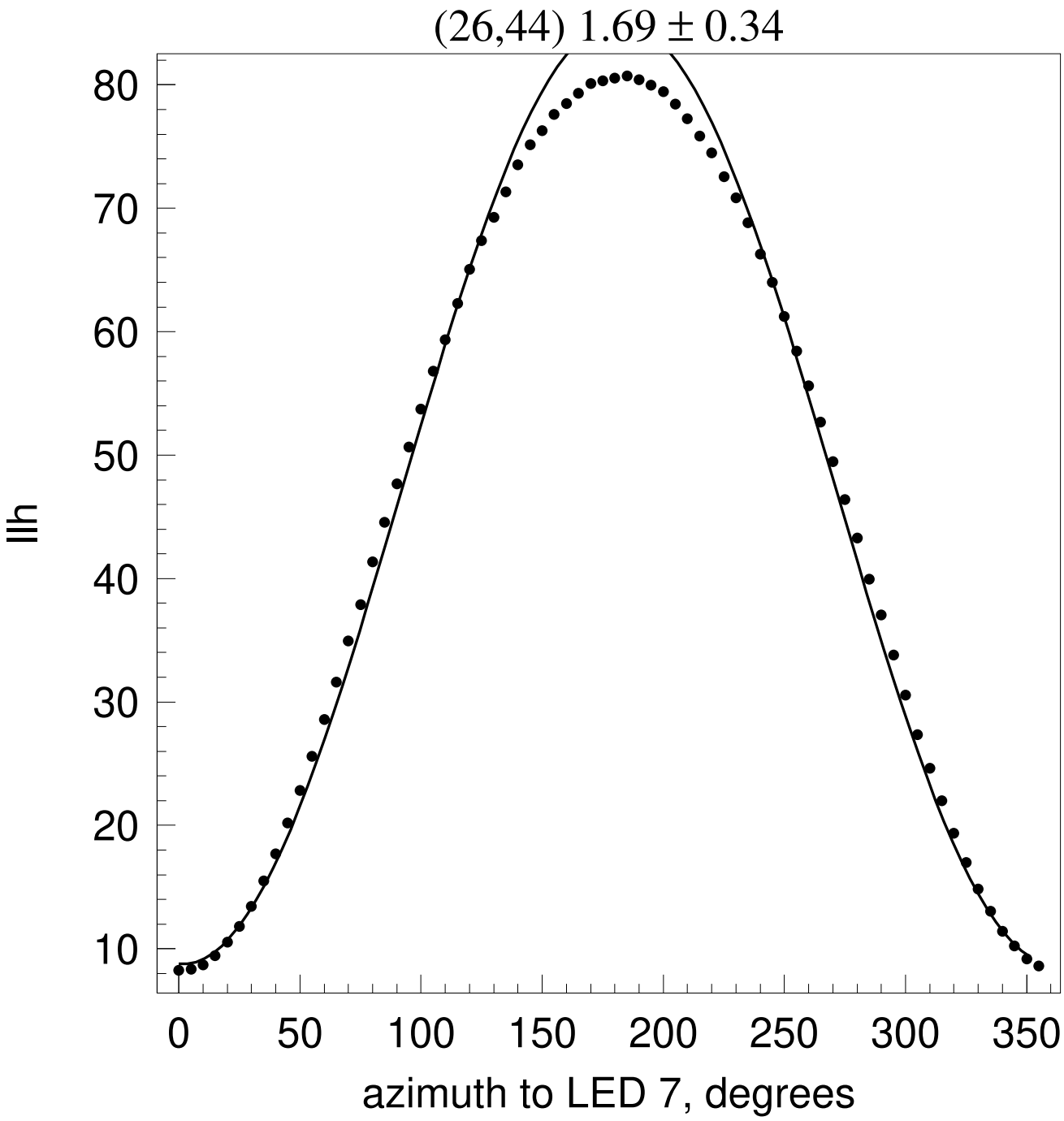

(26,39) 177.99 ± 0.54
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

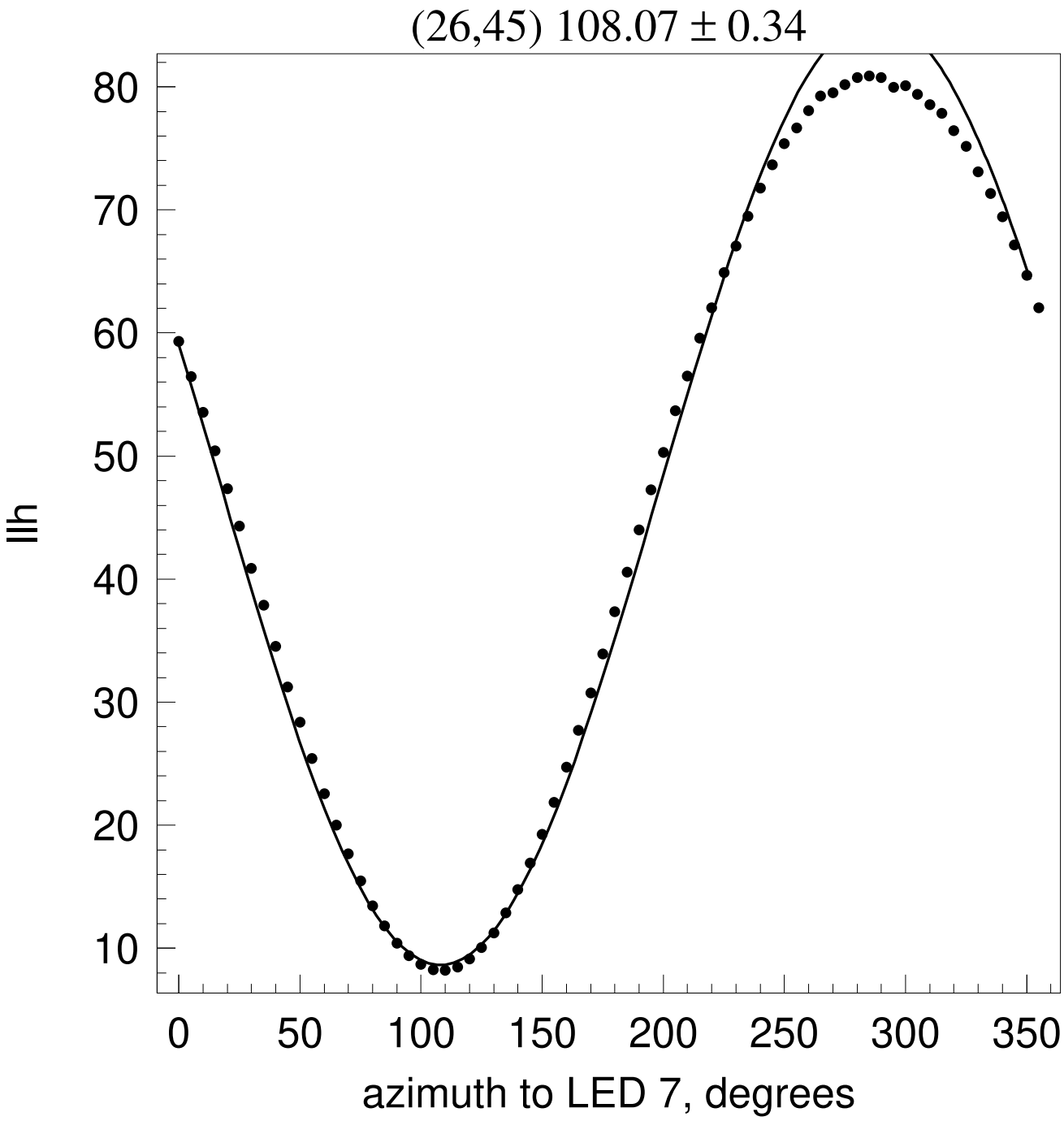

(26,40) 217.10 ± 0.78
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

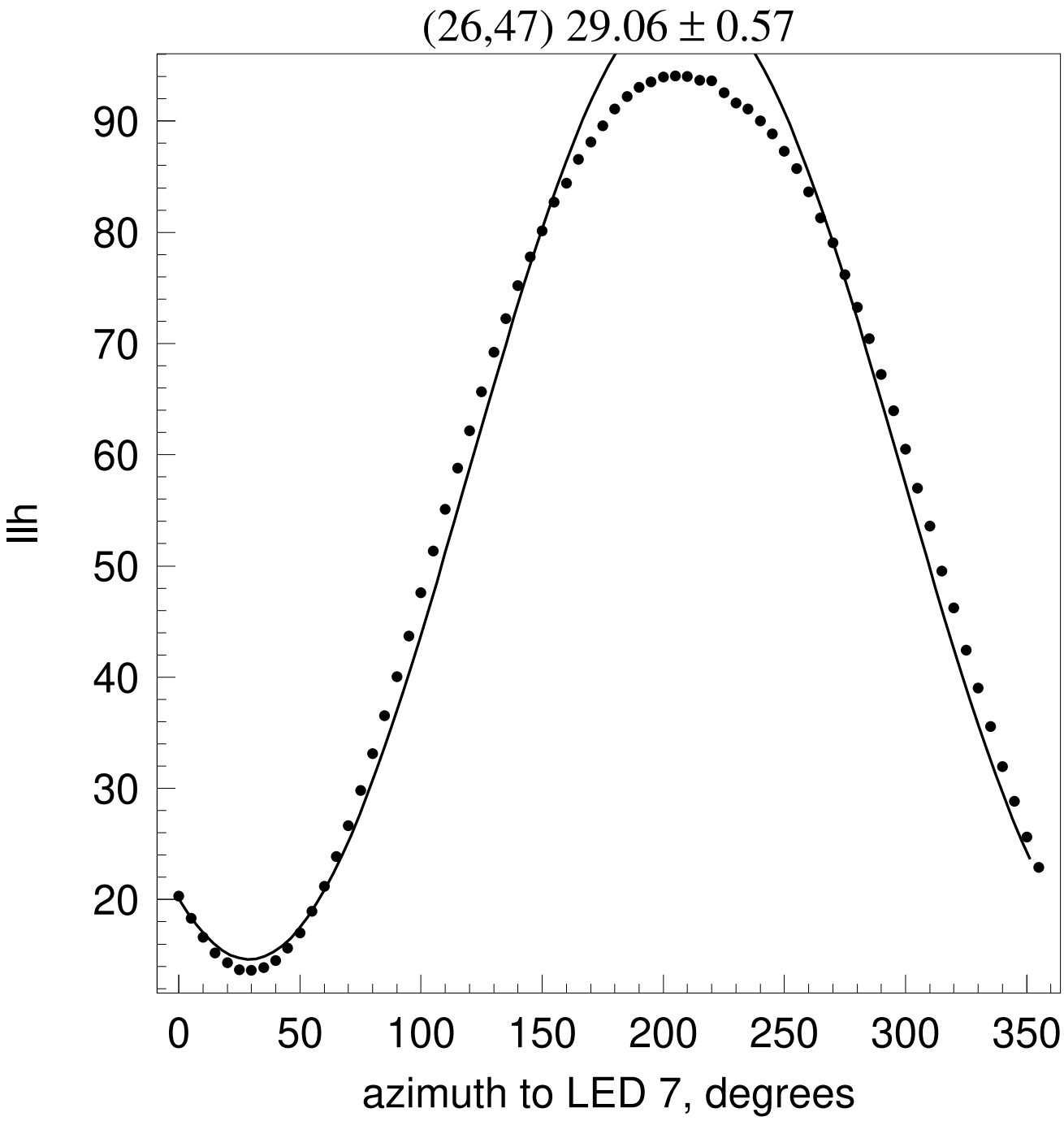

(26,41) 35.59 ± 0.36
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

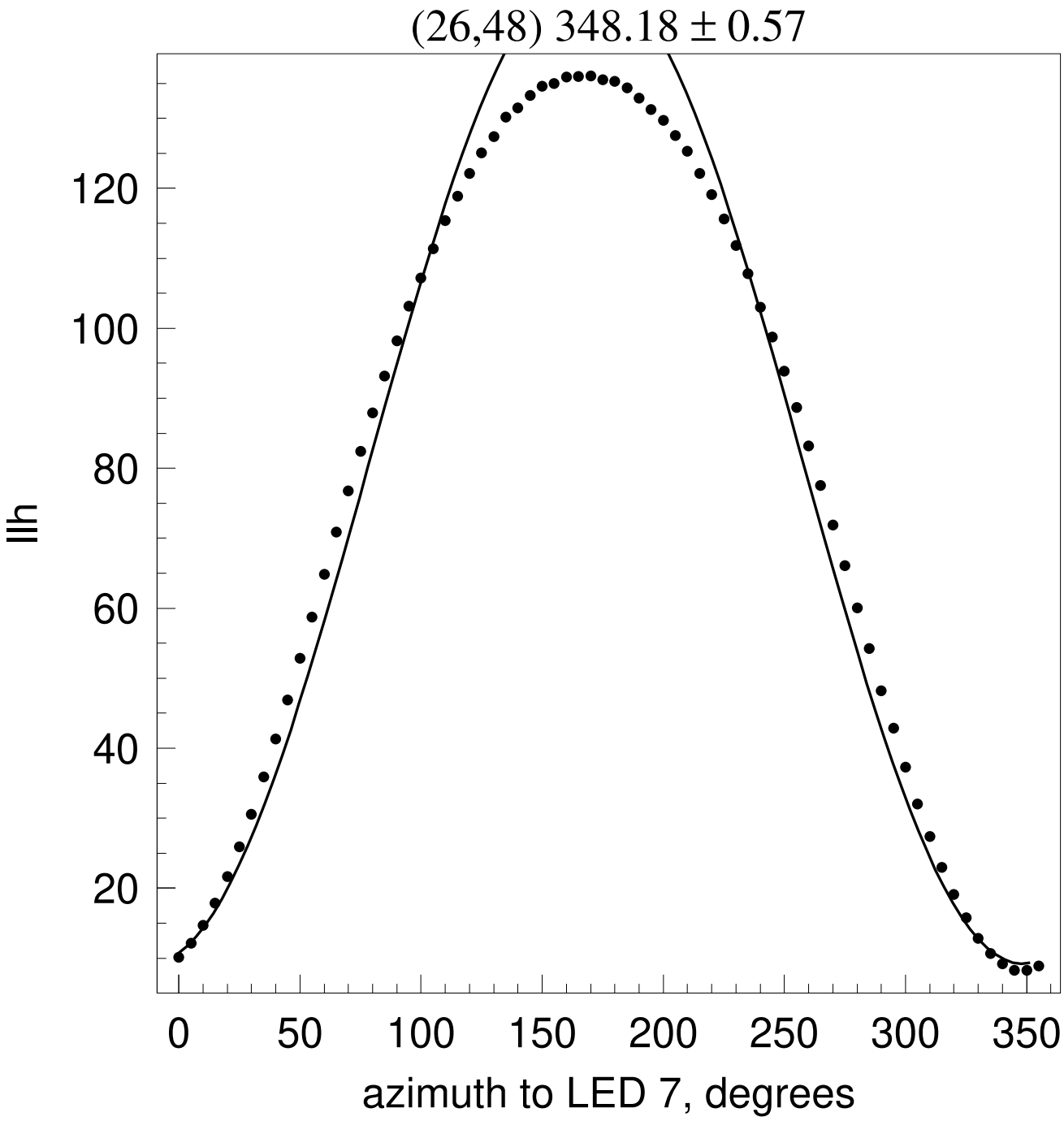

(26,42) 292.87 ± 0.66
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

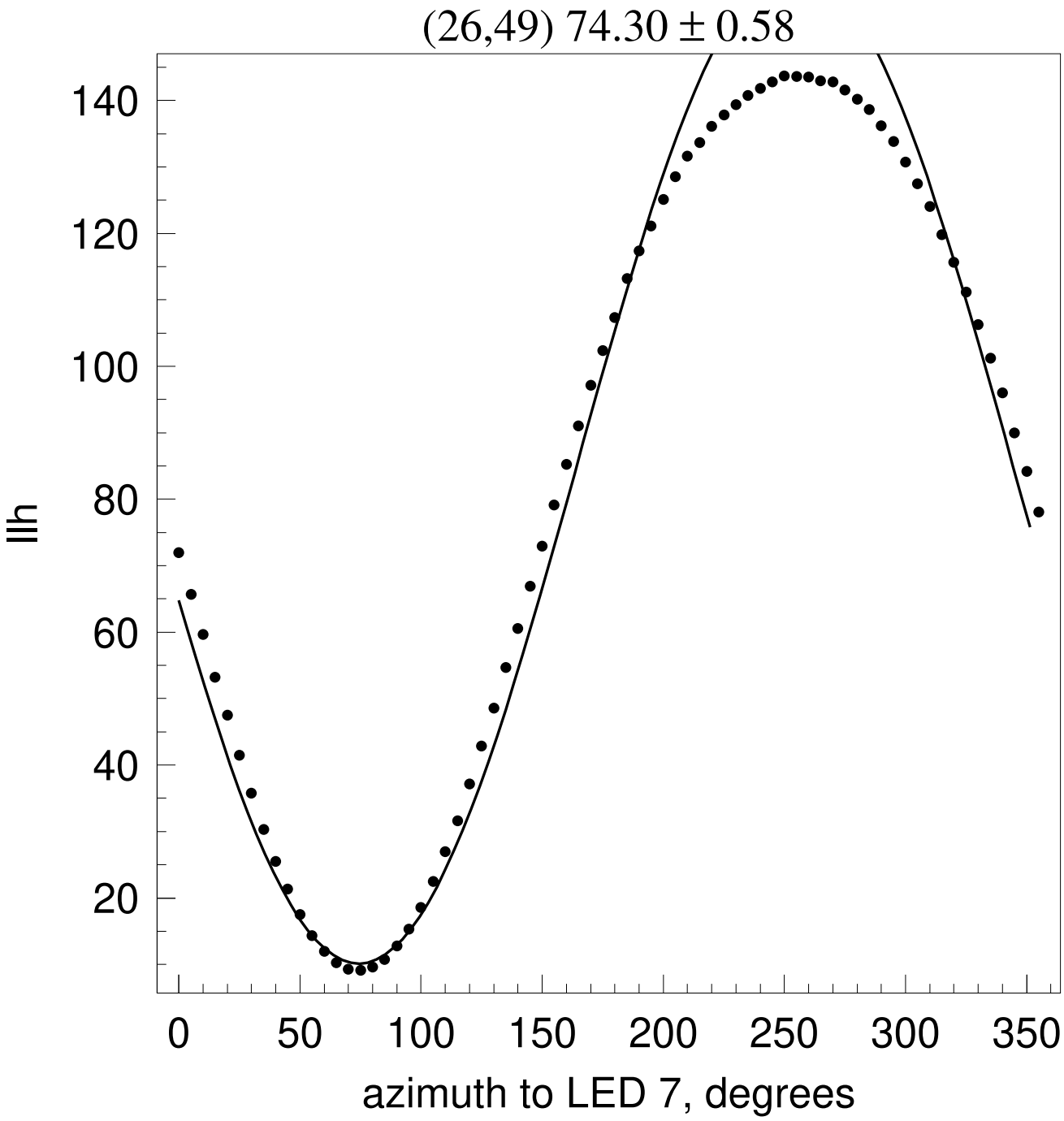

(26,43) 106.87 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

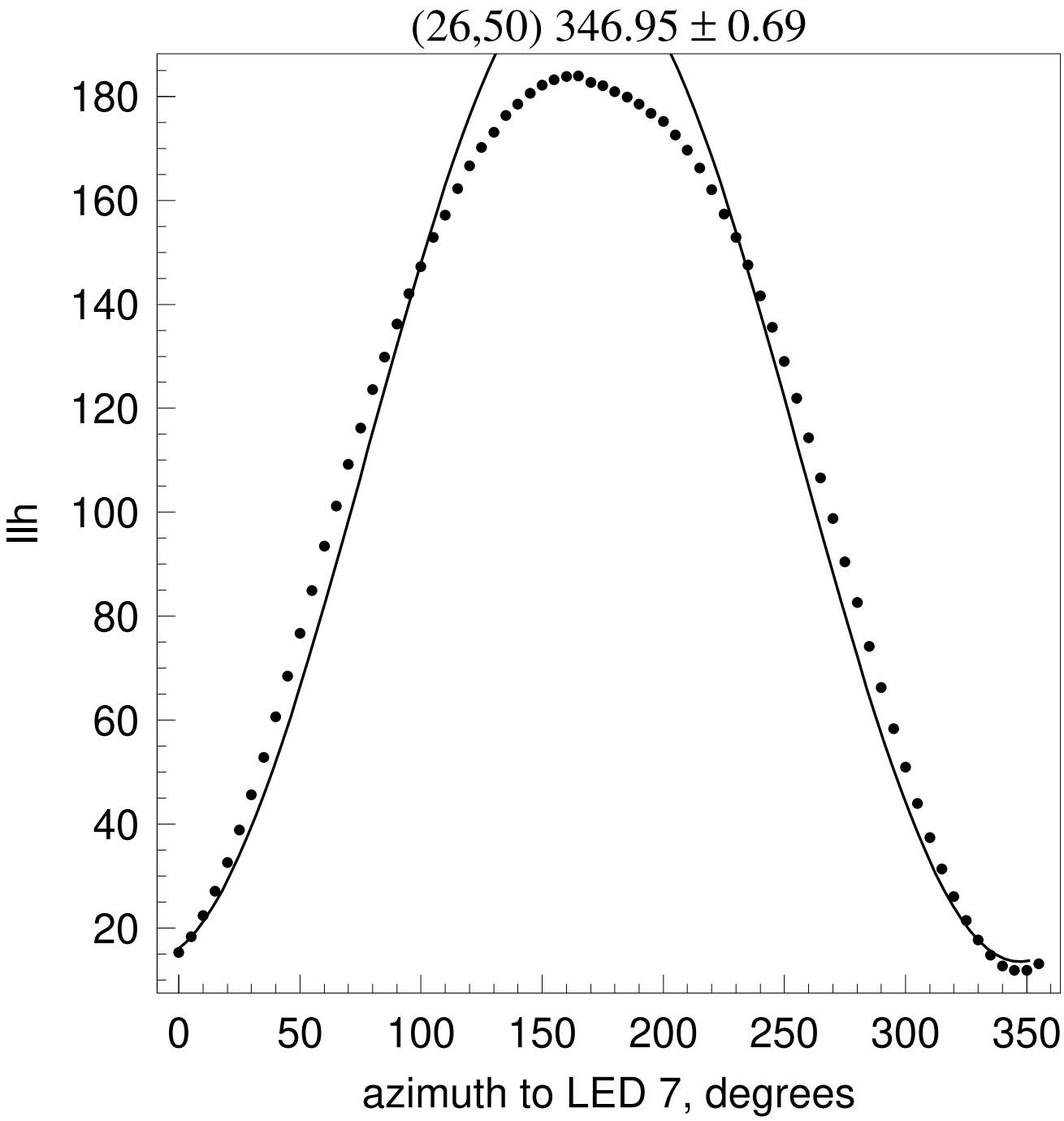

(26,44) 1.69 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

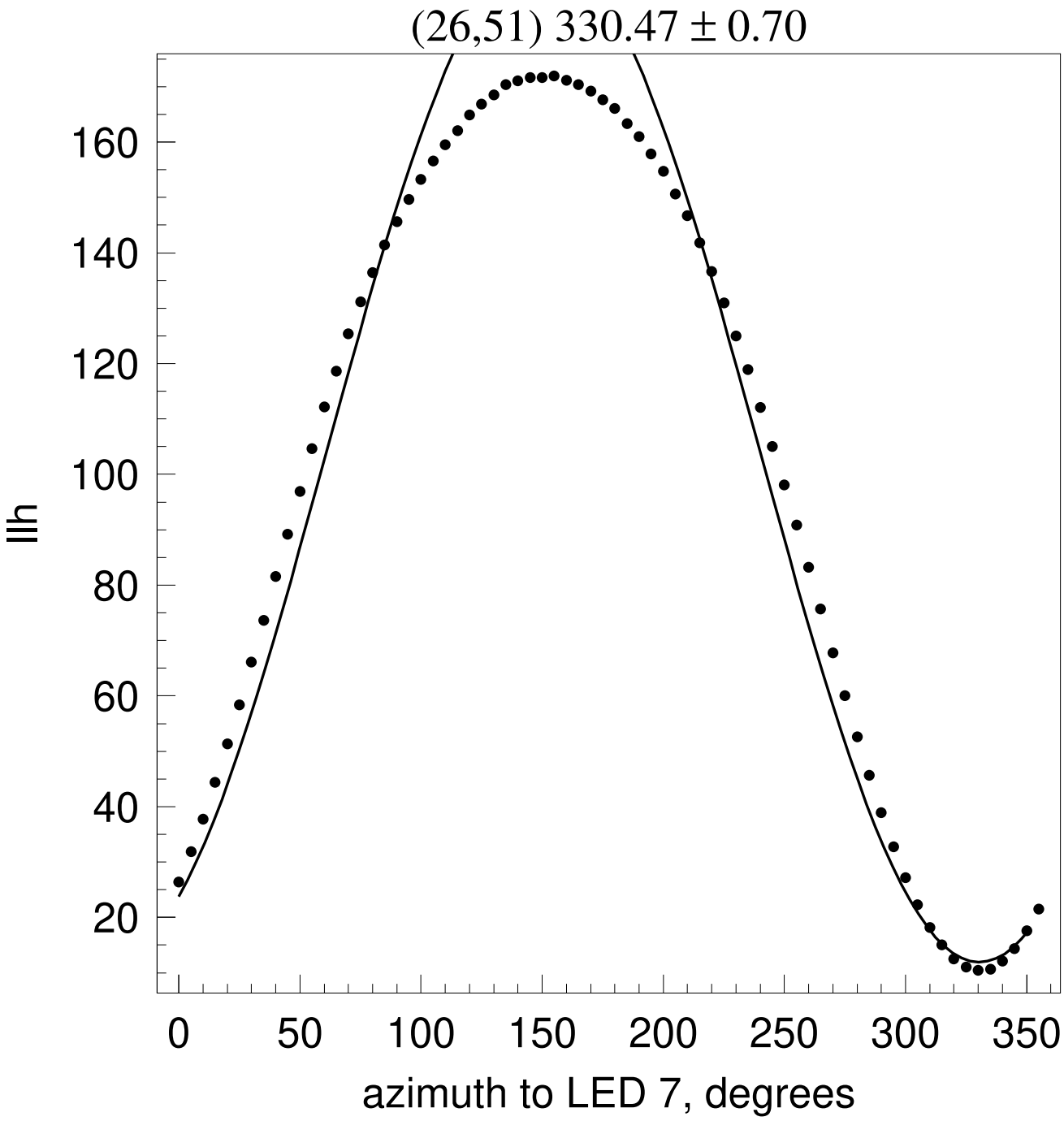

(26,45) 108.07 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

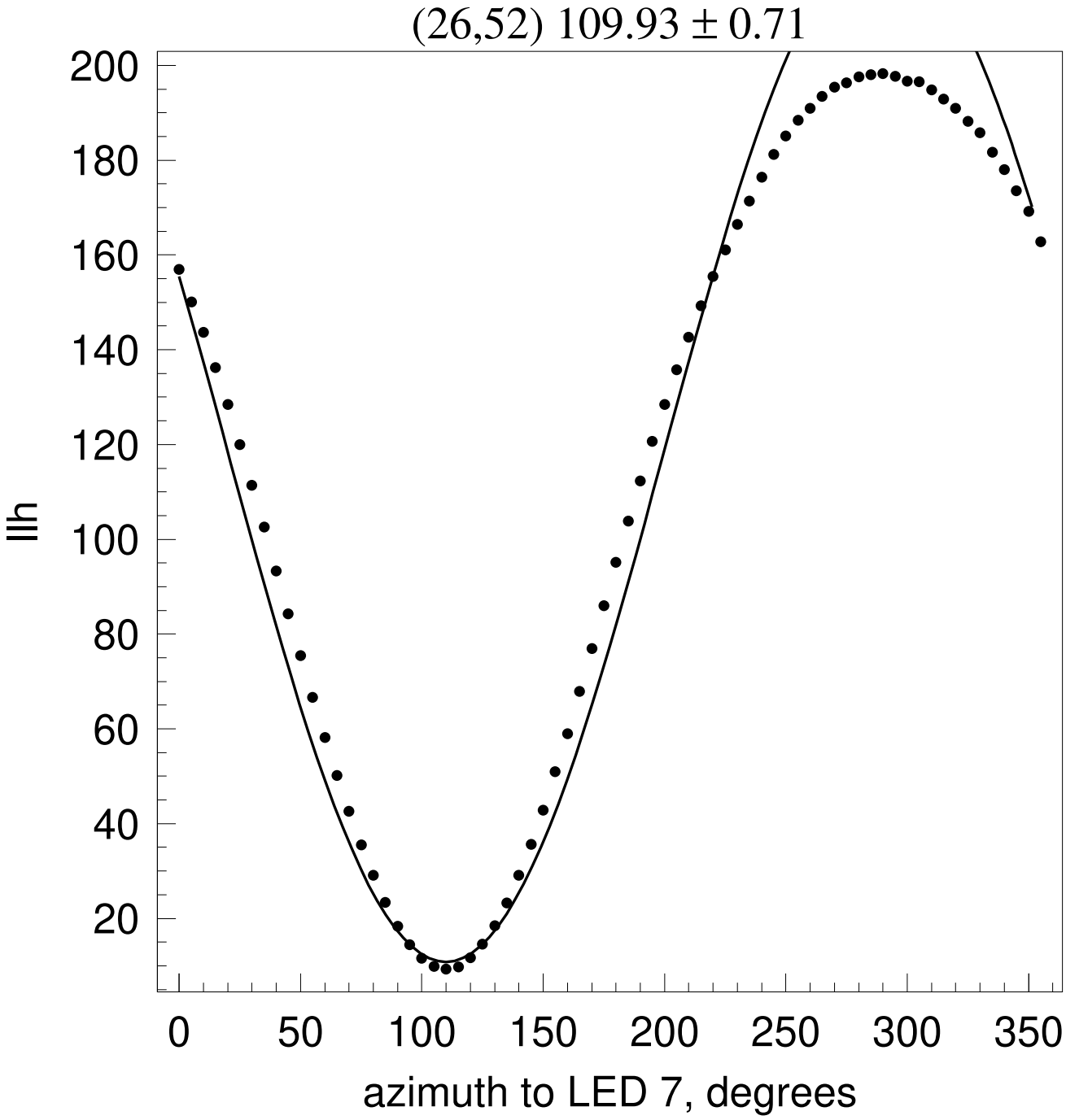

(26,47) 29.06 ± 0.57
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

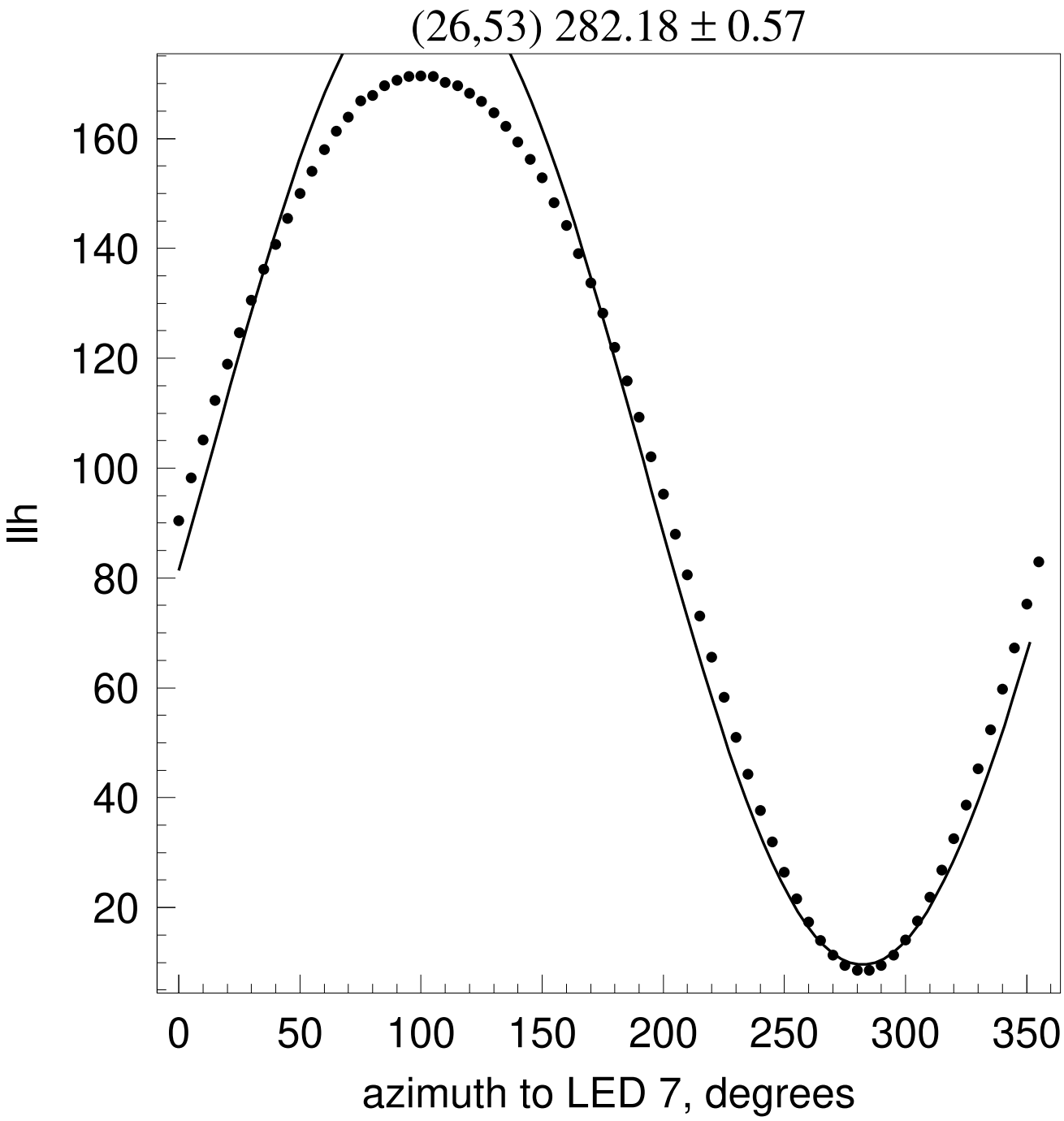

(26,48) 348.18 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

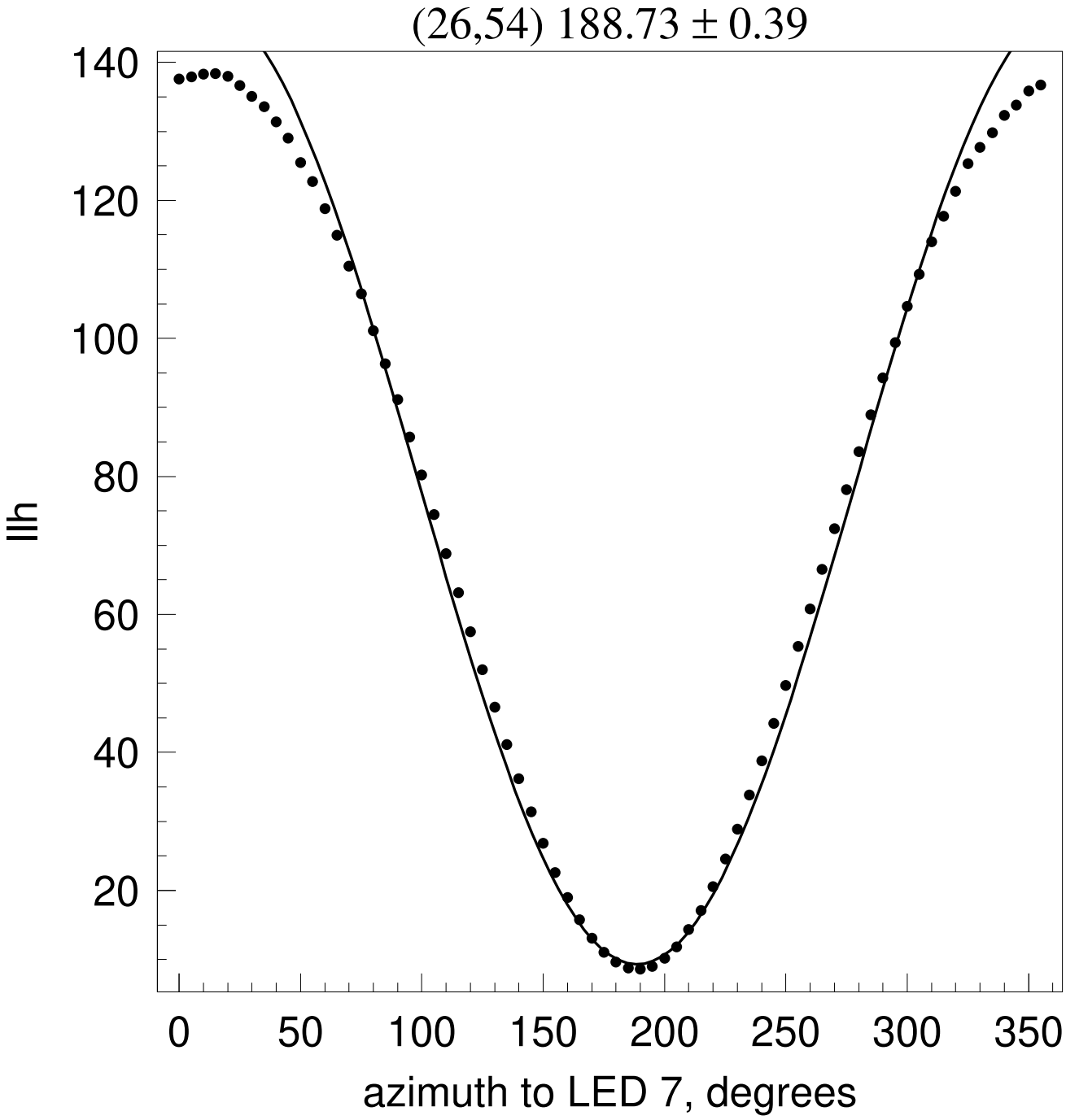

(26,49) 74.30 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

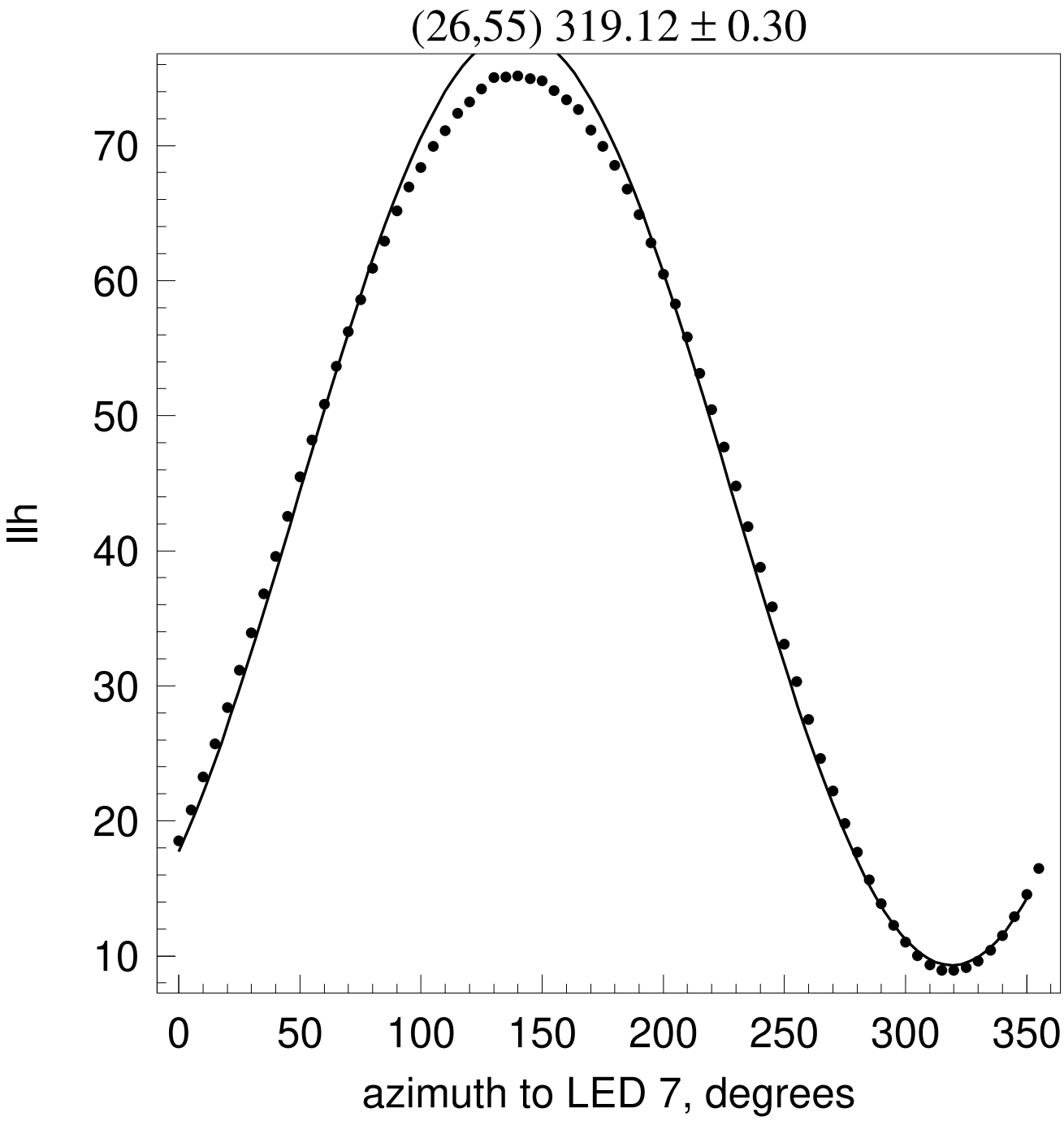

(26,50) 346.95 ± 0.69
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

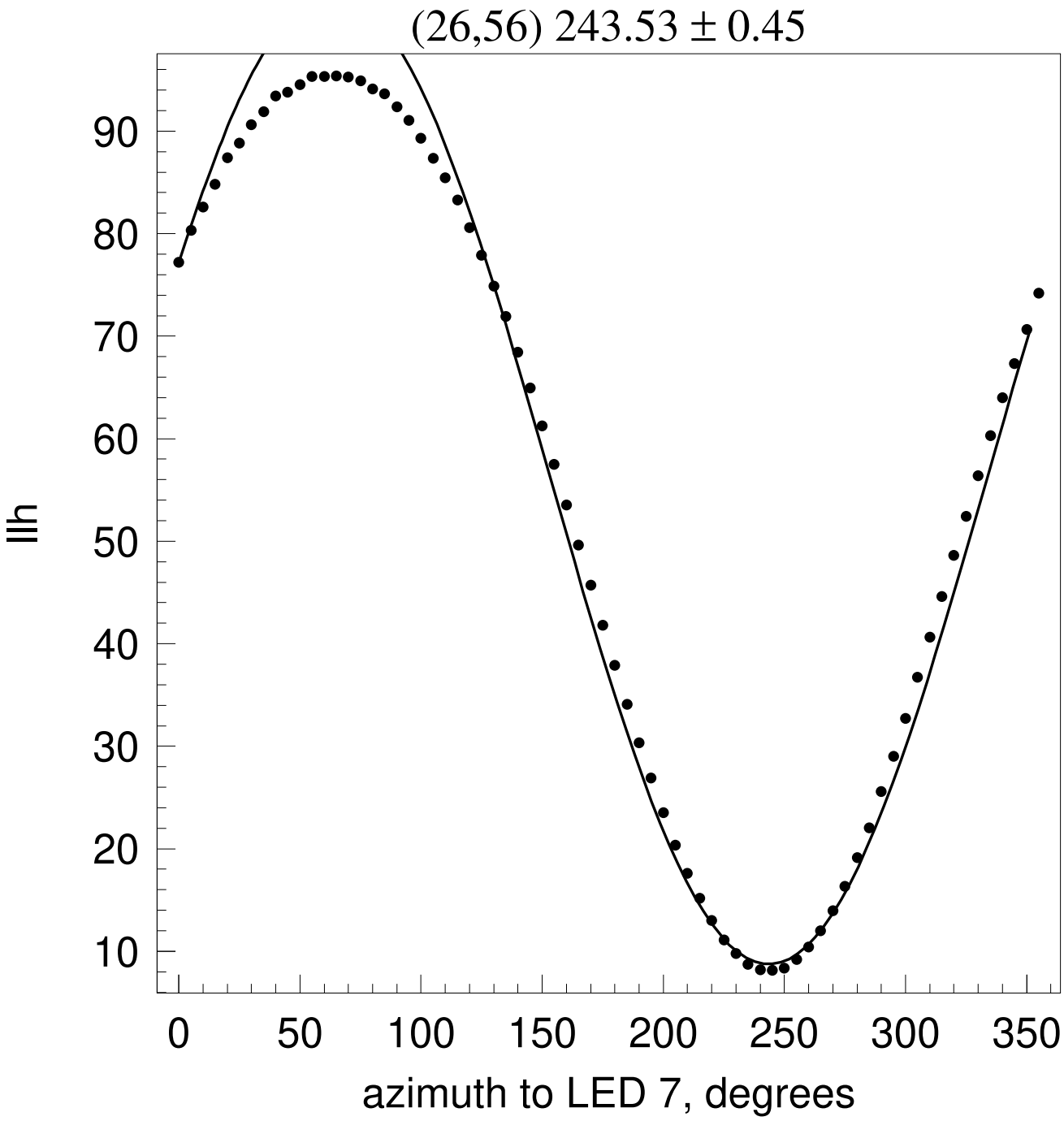

(26,51) 330.47 ± 0.70
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

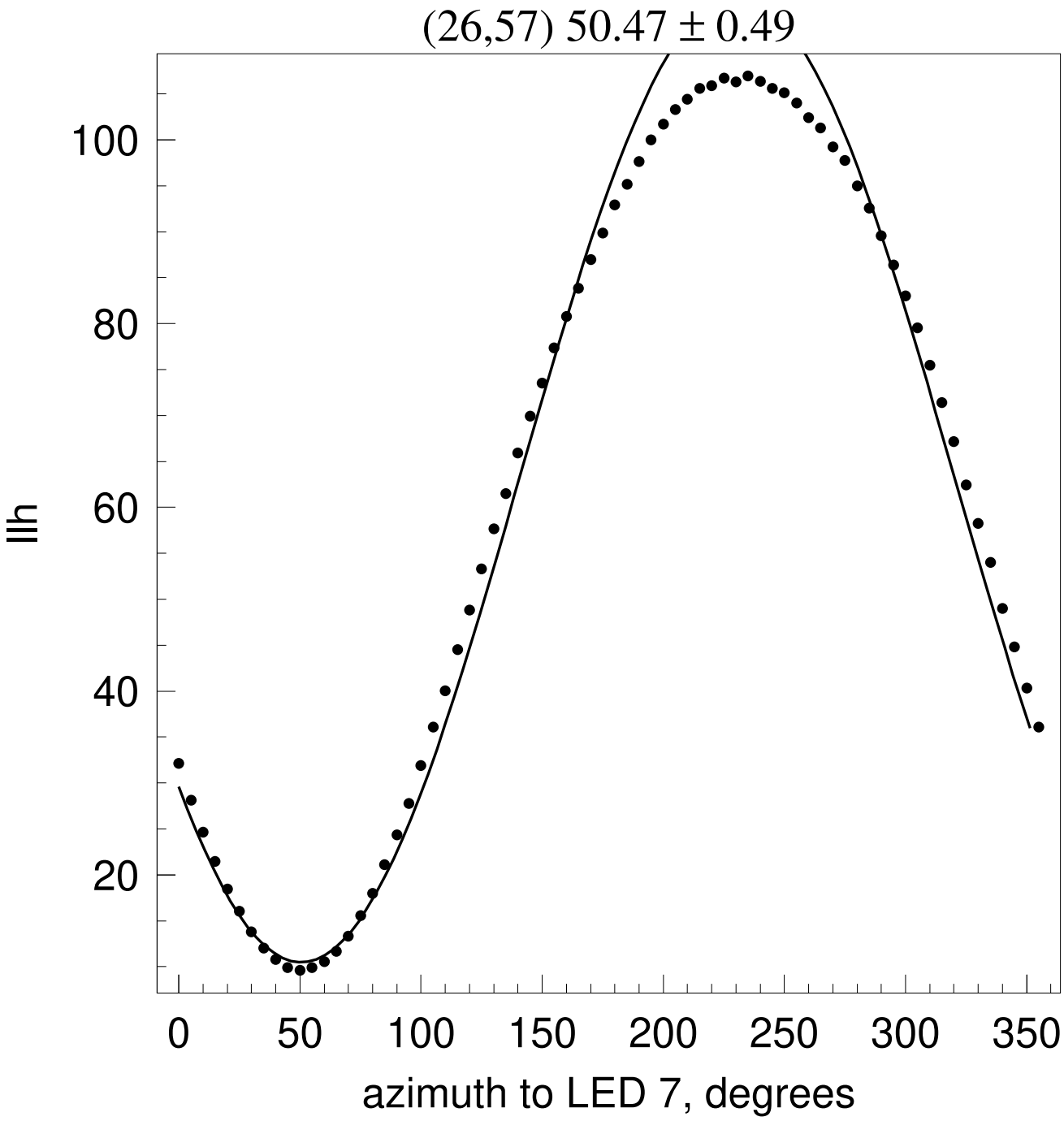

(26,52) 109.93 ± 0.71
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

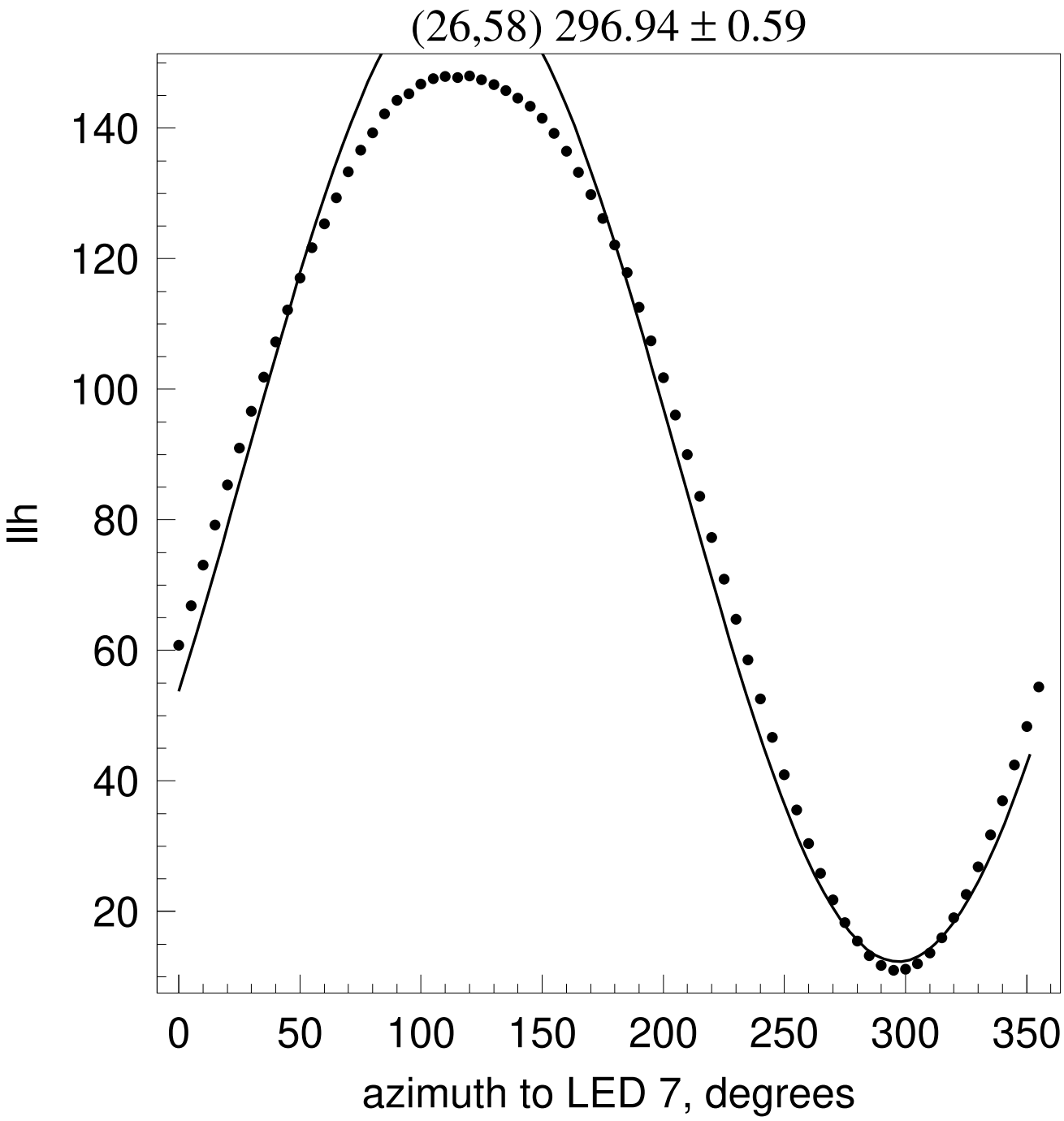

(26,53) 282.18 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

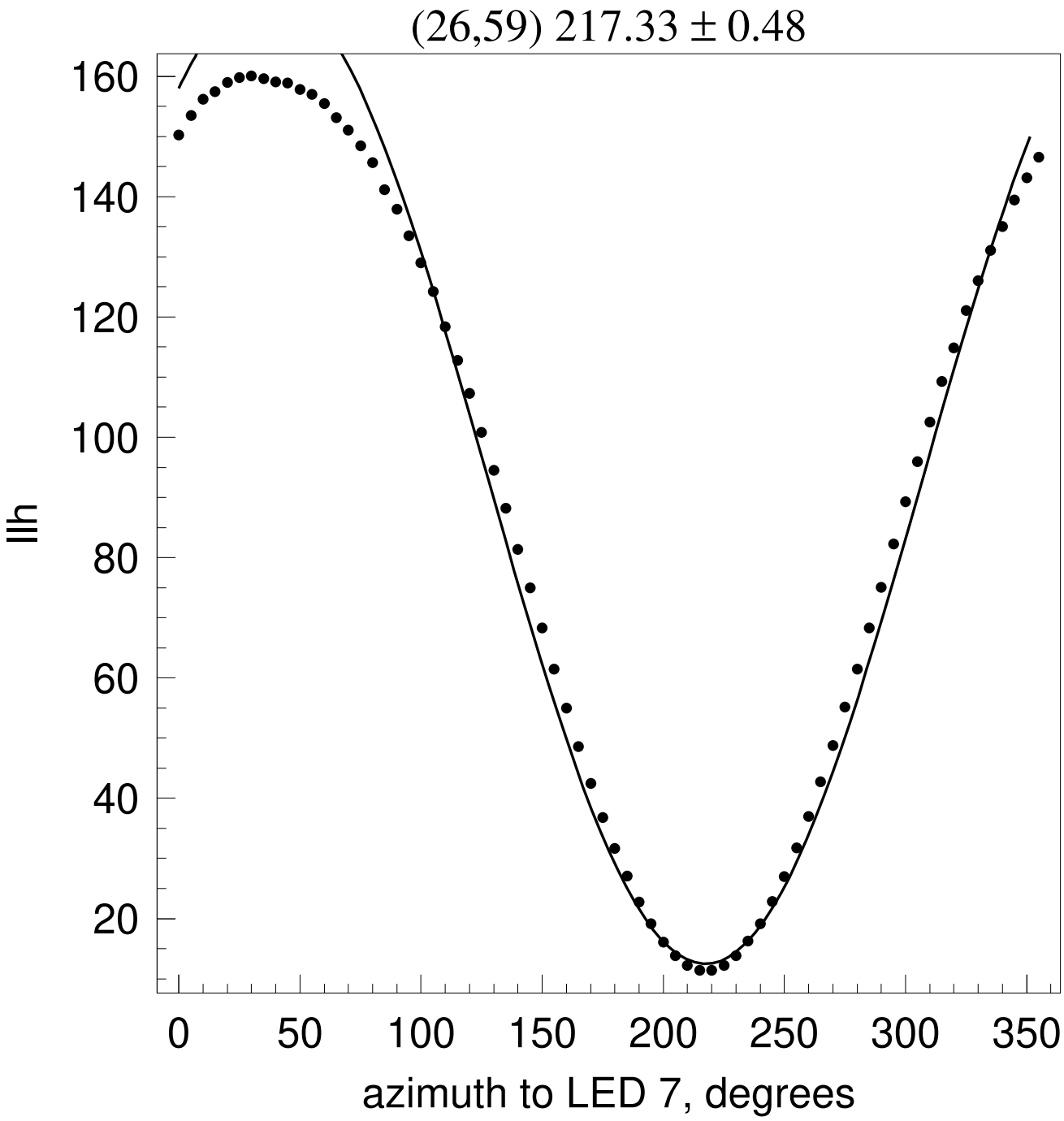

(26,54) 188.73 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

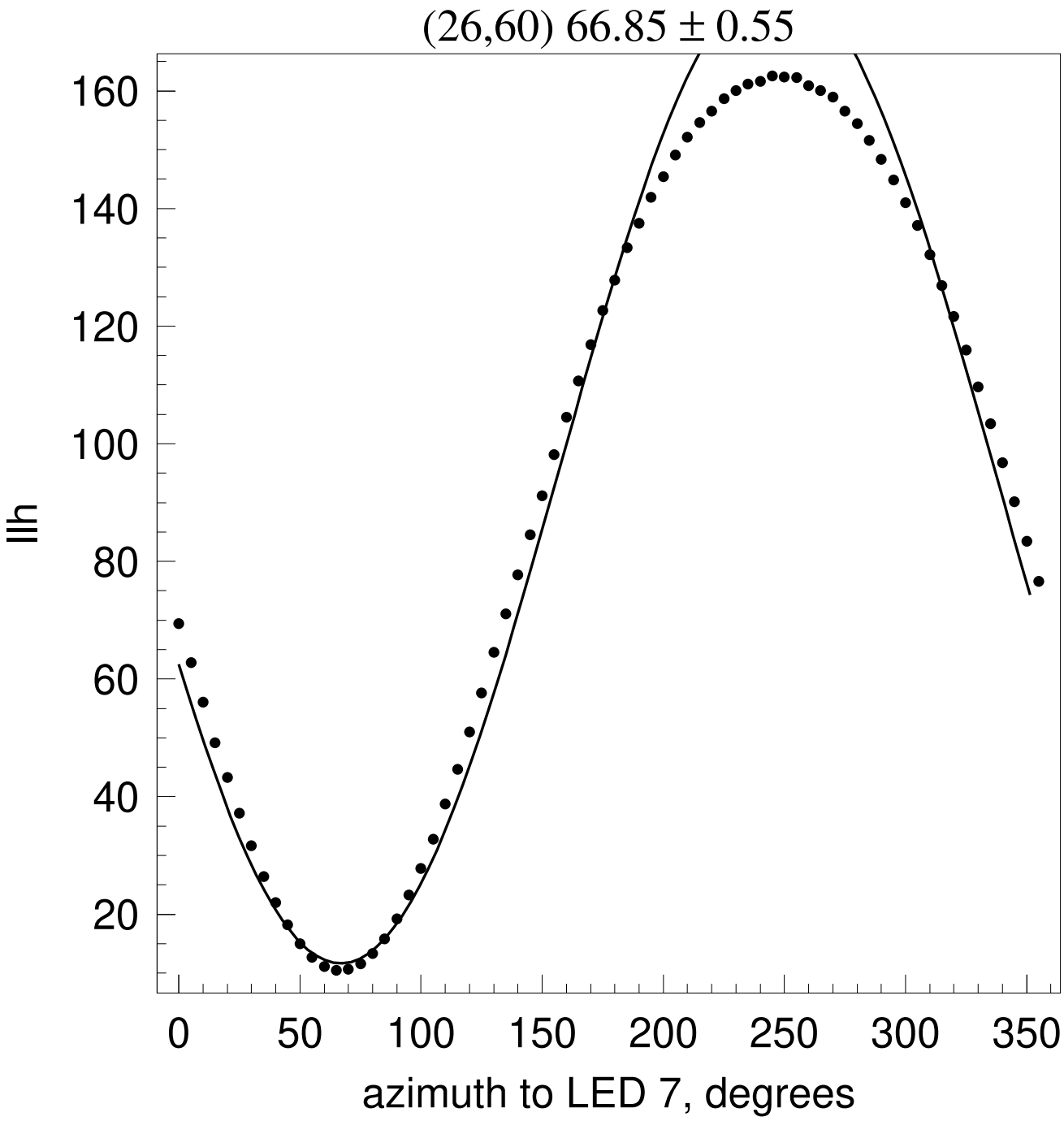

(26,55) 319.12 ± 0.30
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

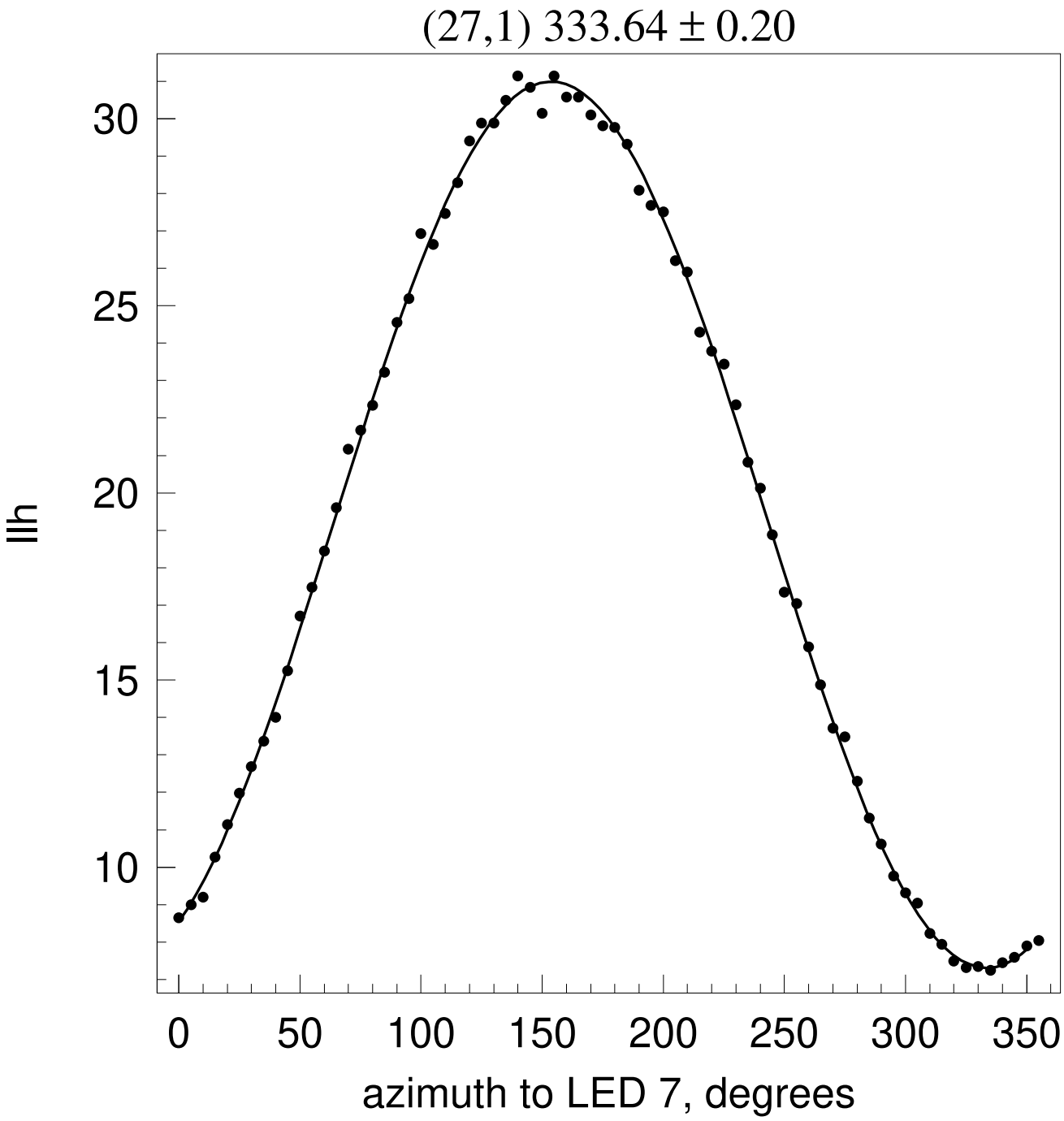

(26,56) 243.53 ± 0.45
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

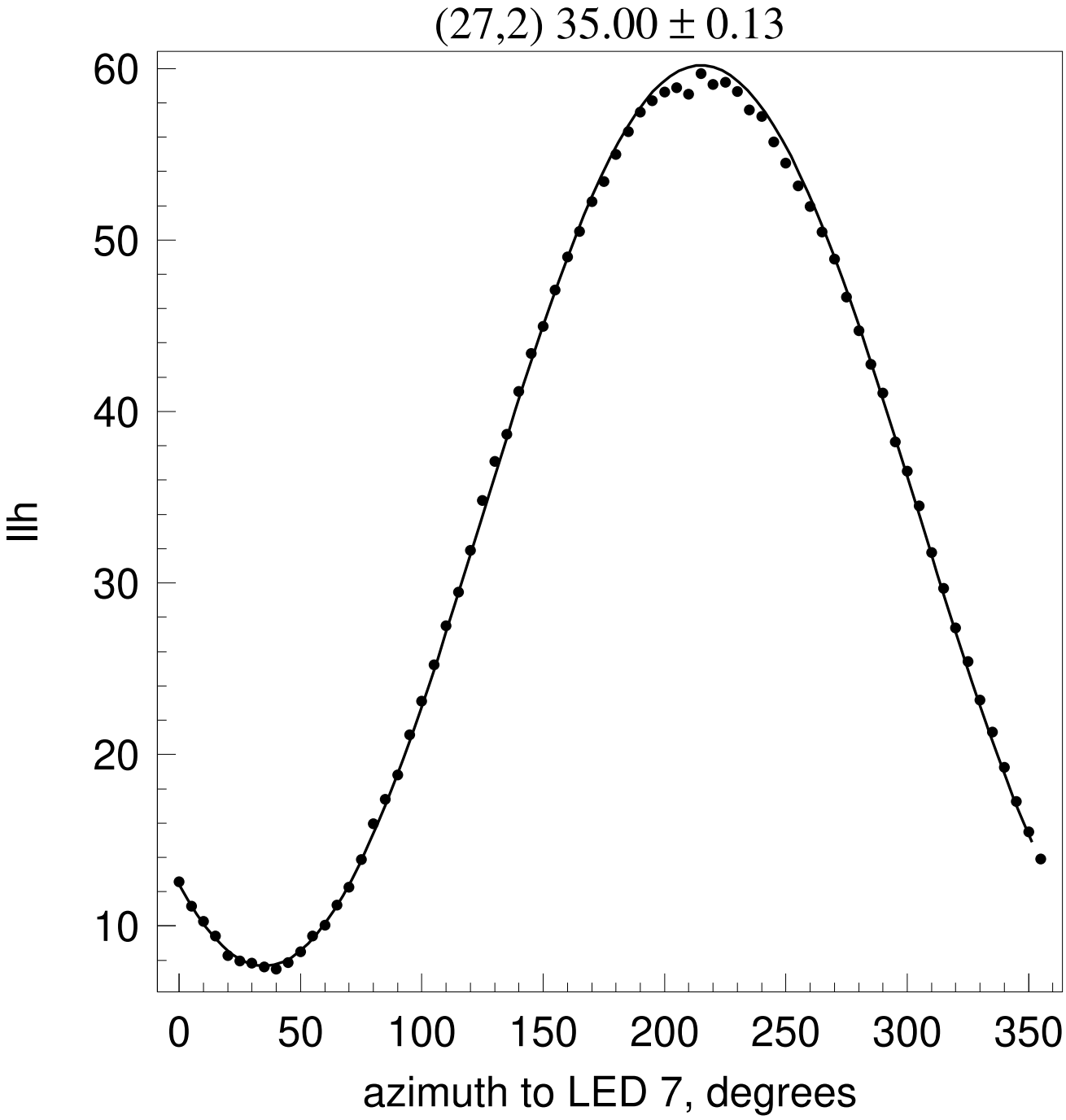

(26,57) 50.47 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

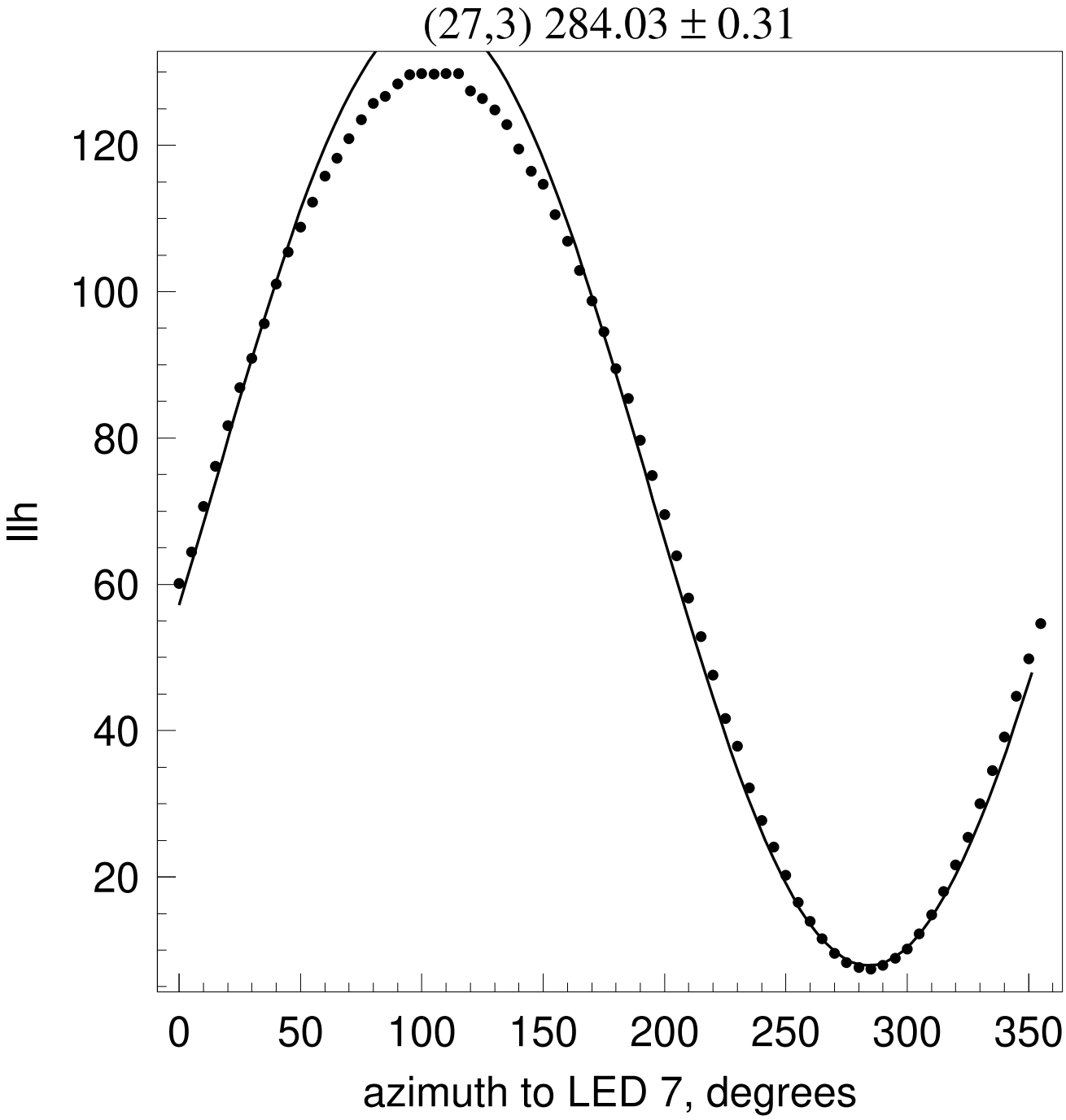

(26,58) 296.94 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

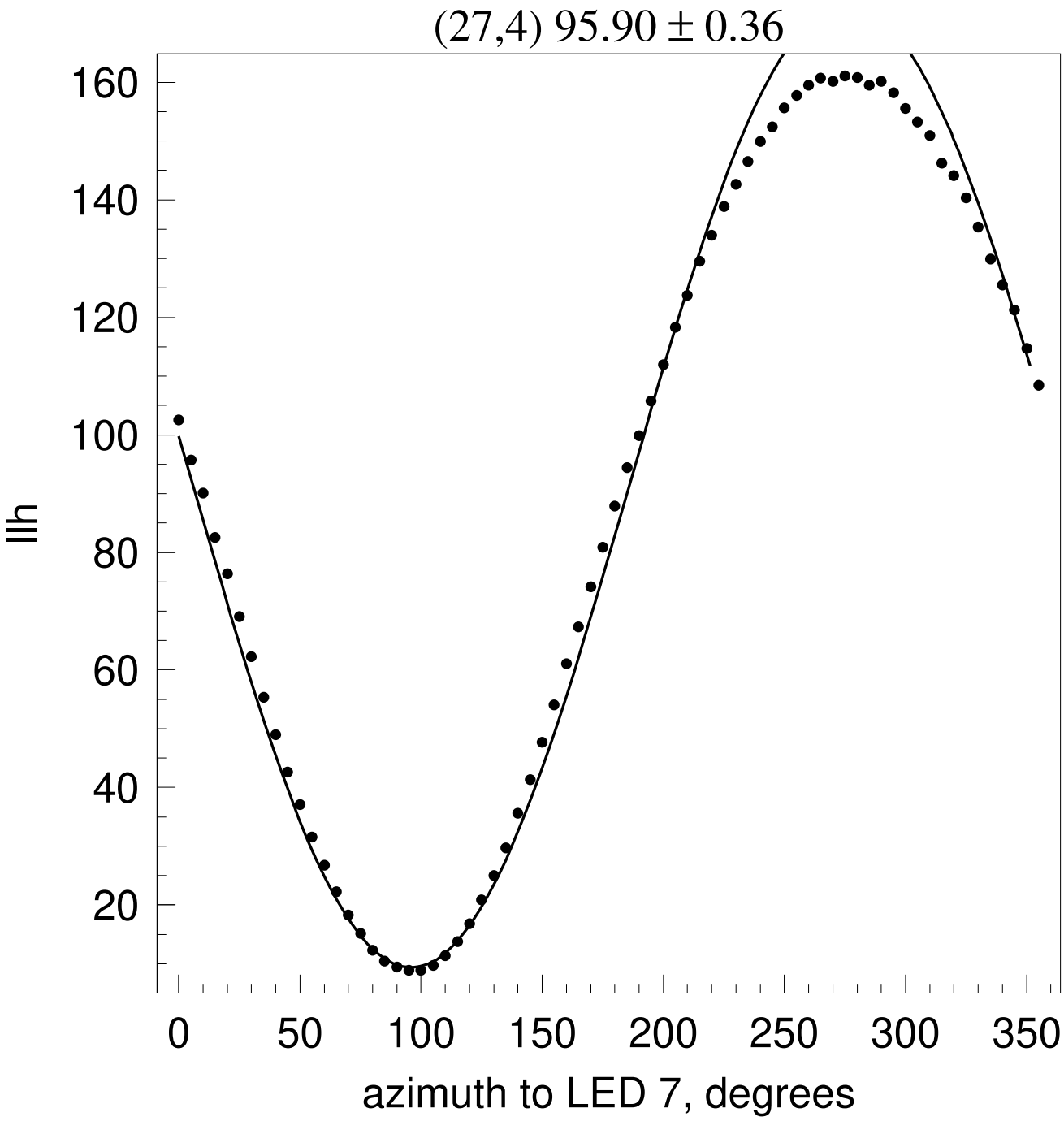

(26,59) 217.33 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

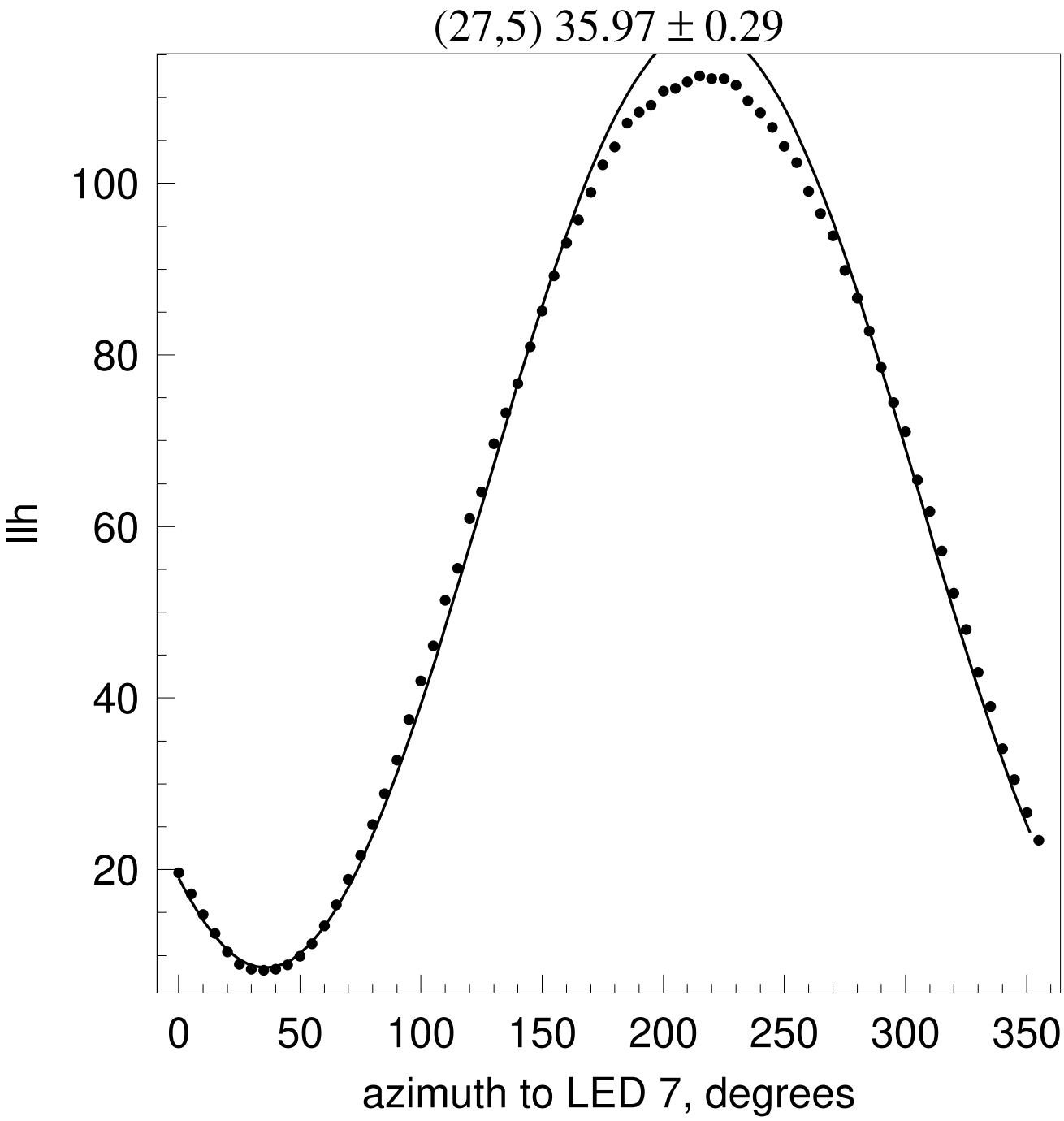

(26,60) 66.85 ± 0.55
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

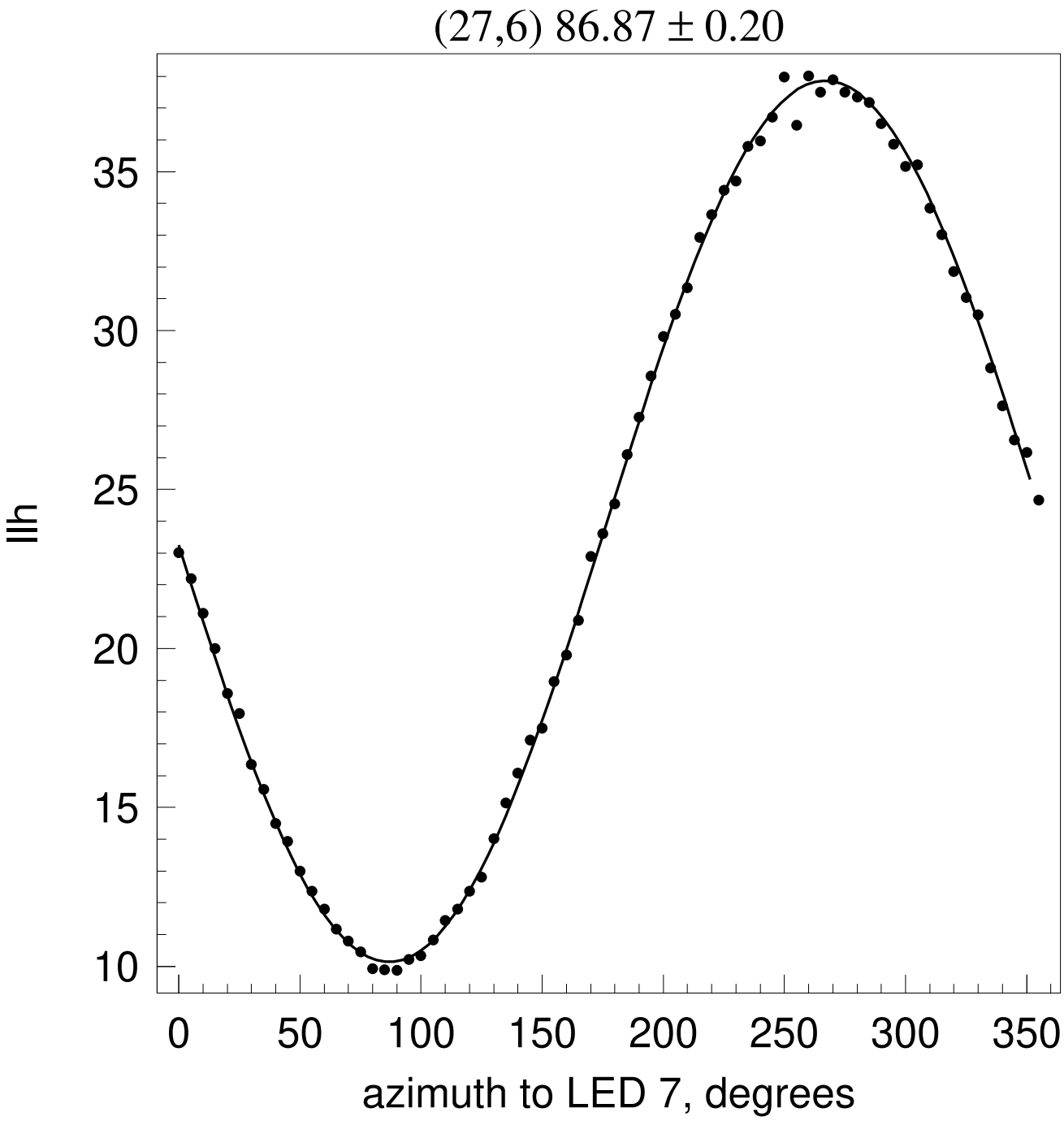

(27,1) 333.64 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

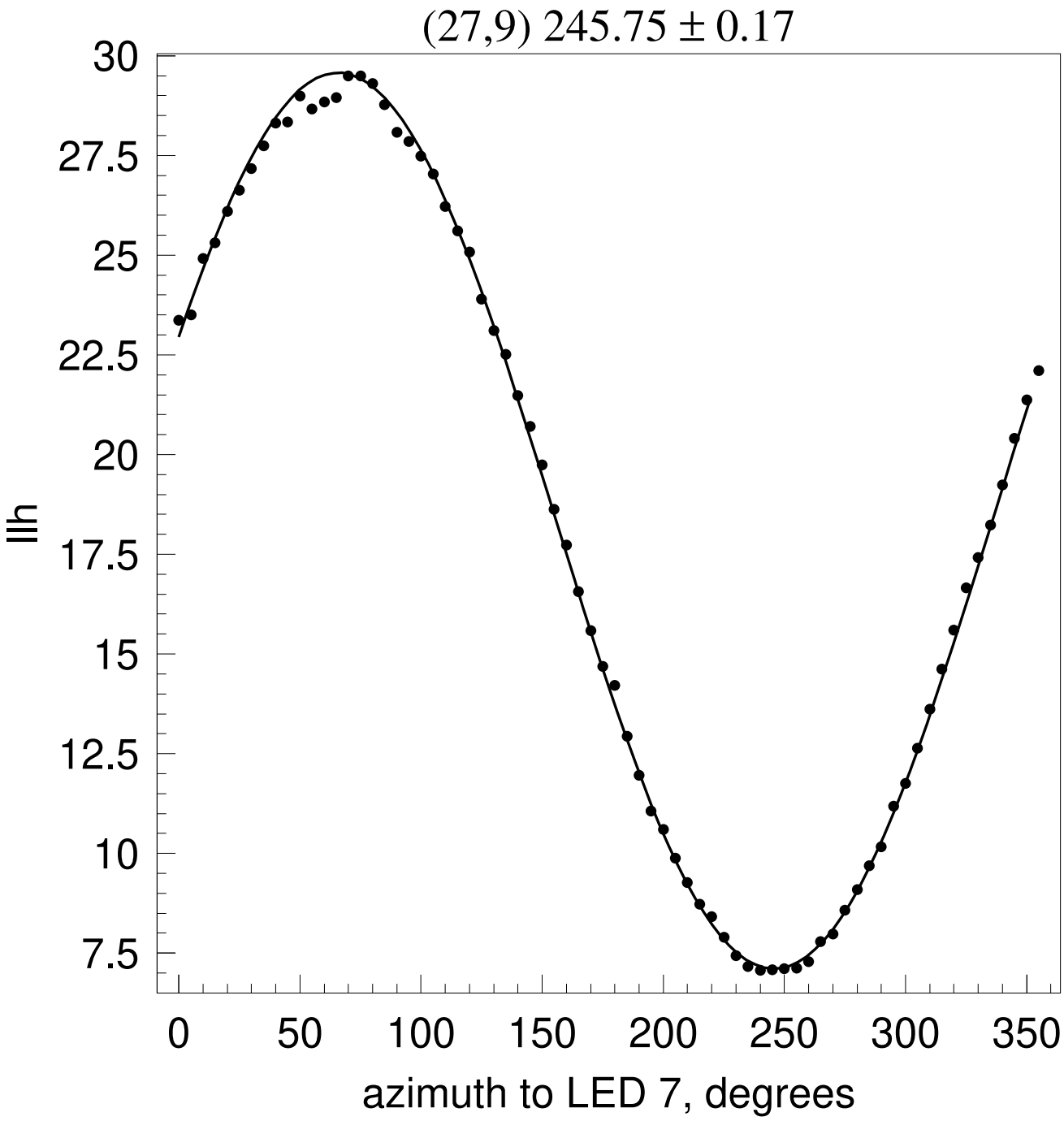

(27,2) 35.00 ± 0.13
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

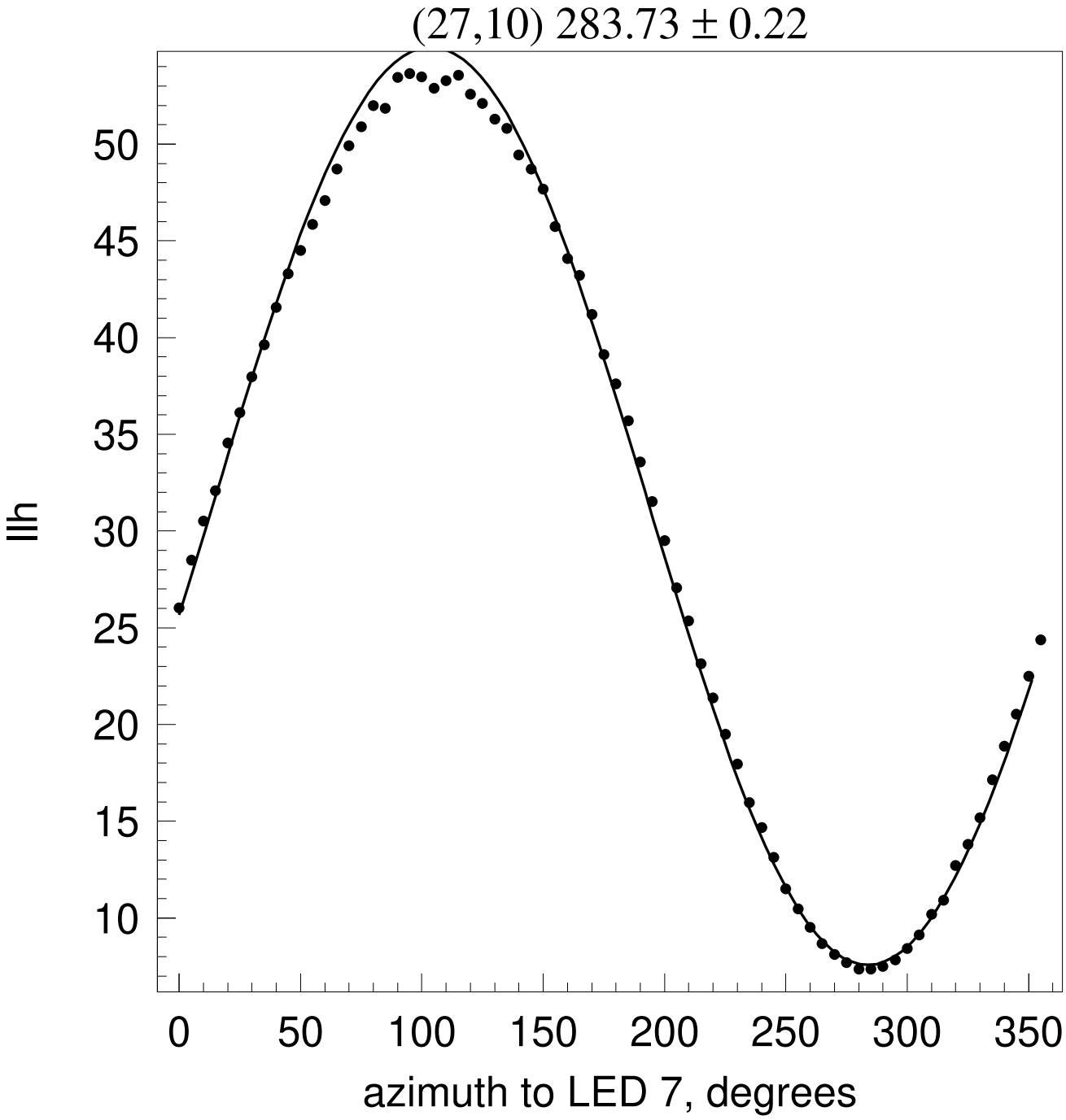

(27,3) 284.03 ± 0.31
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

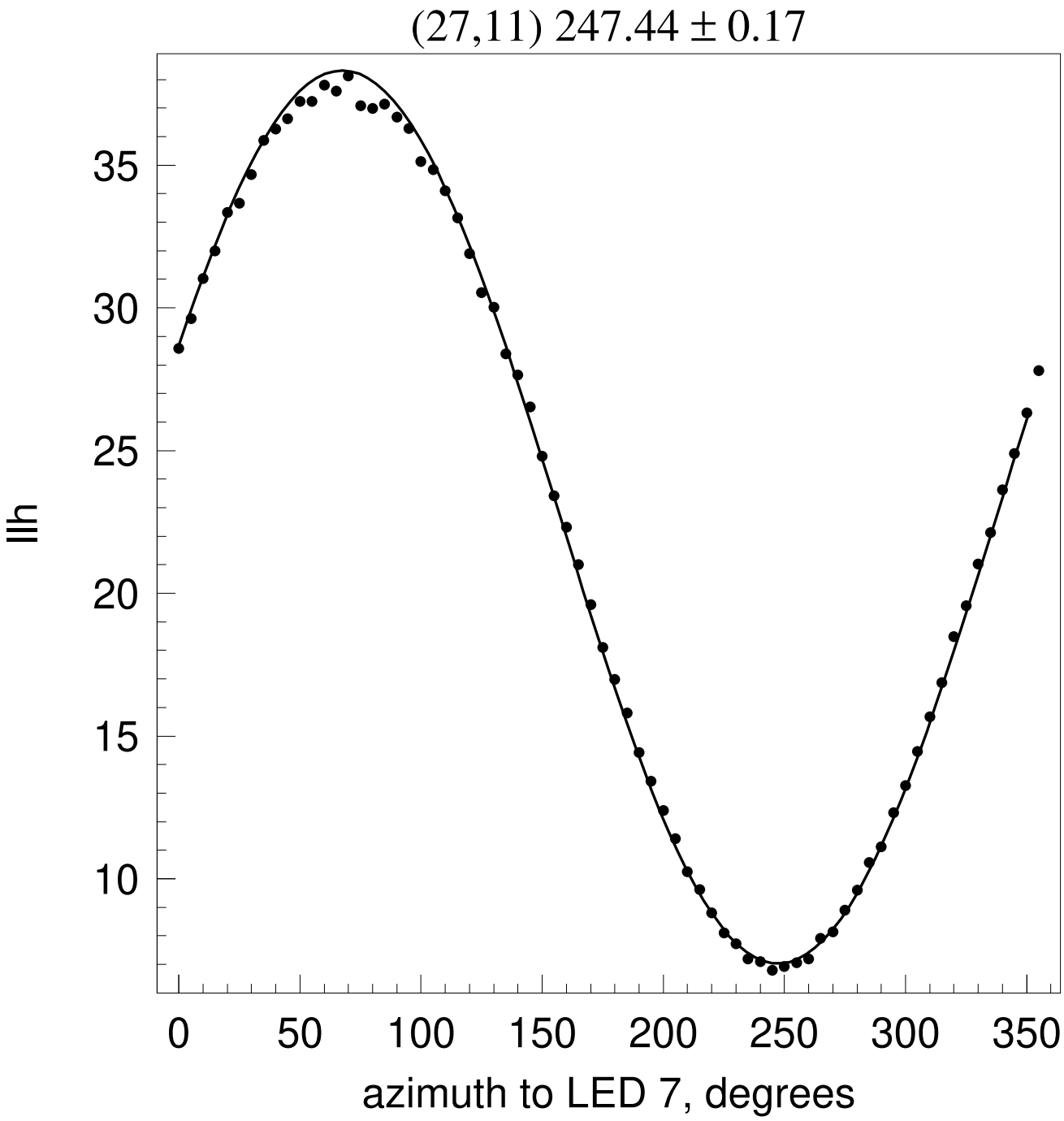

(27,4) 95.90 ± 0.36
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

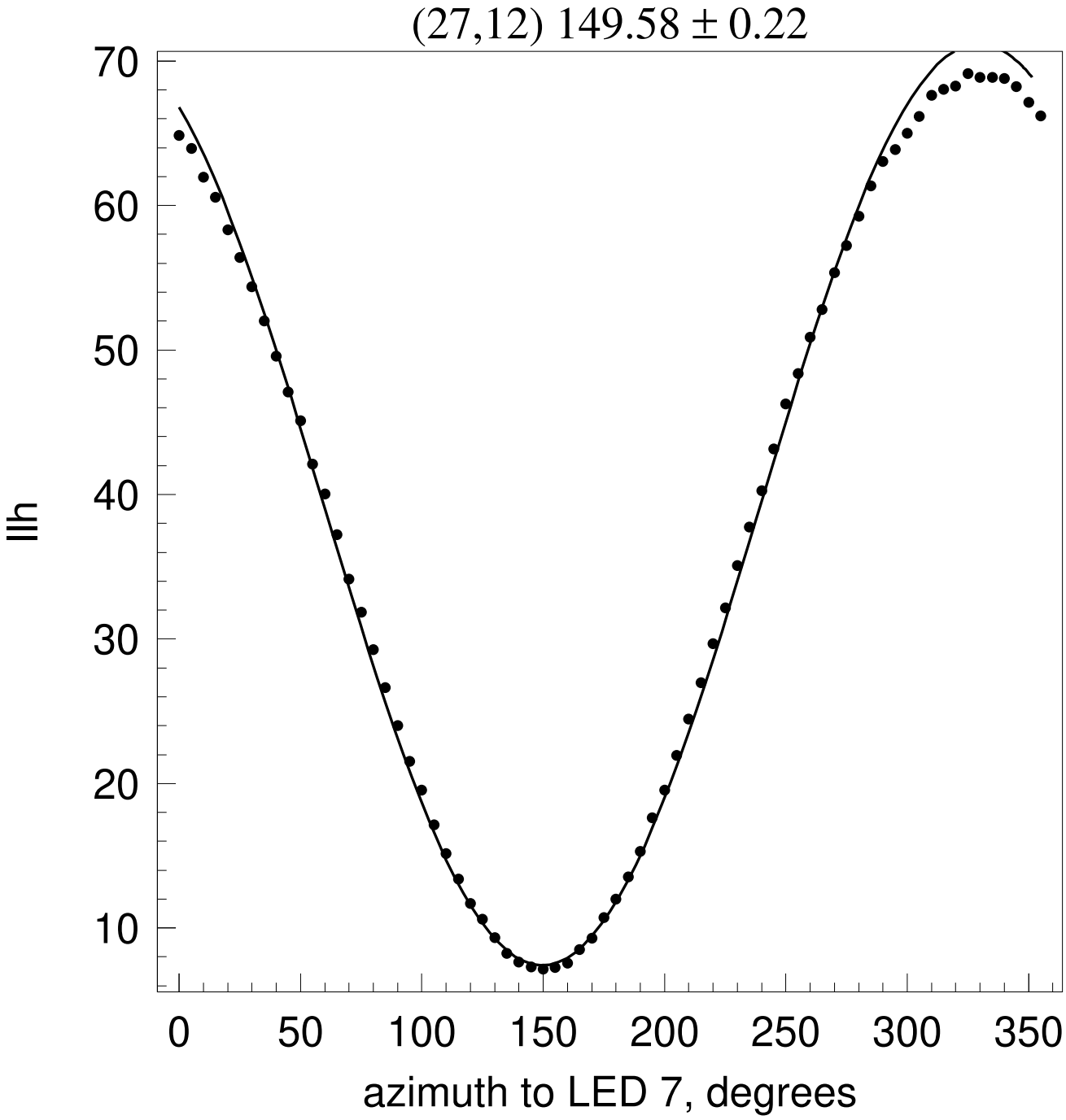

(27,5) 35.97 ± 0.29
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

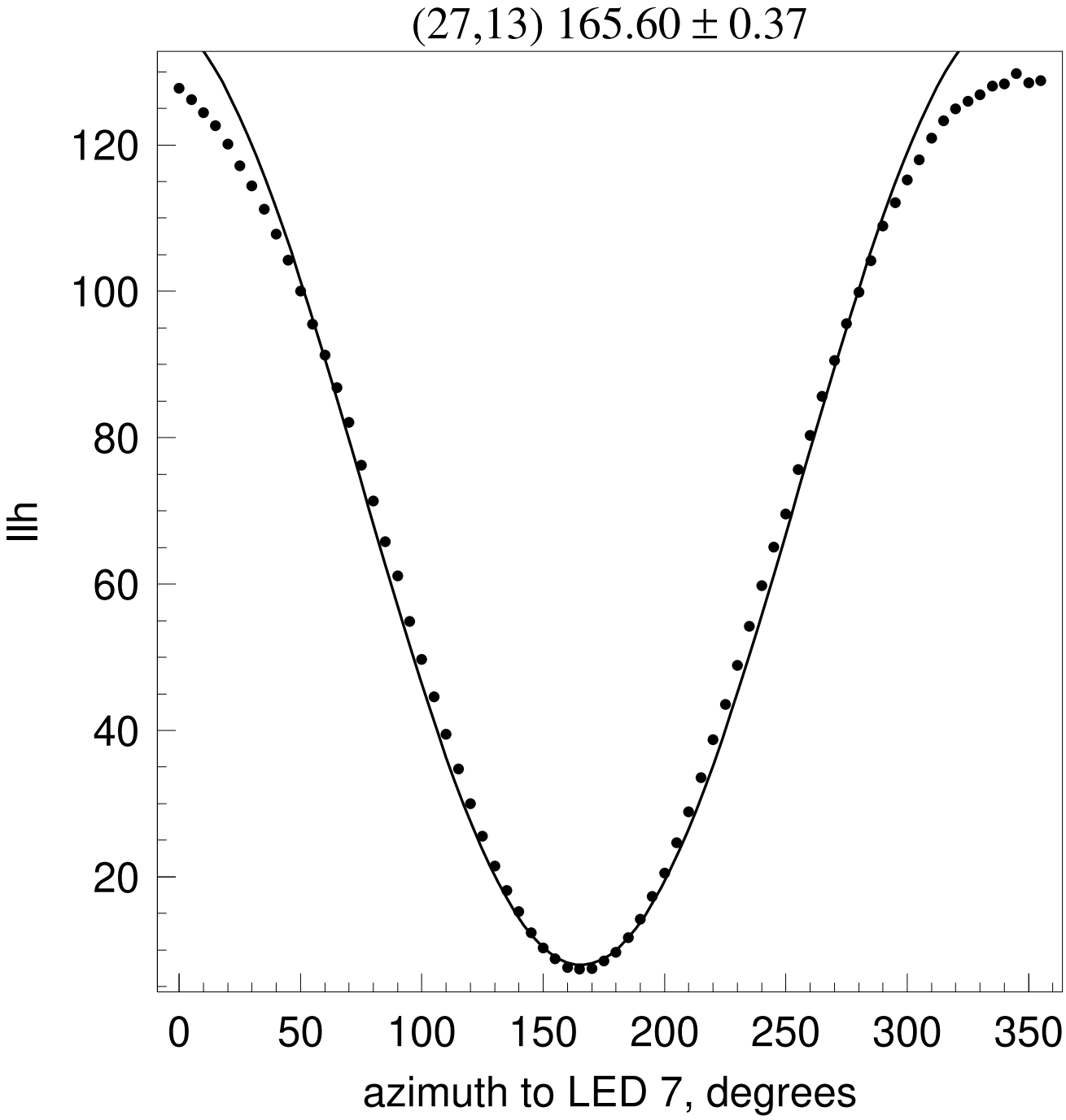

(27,6) 86.87 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

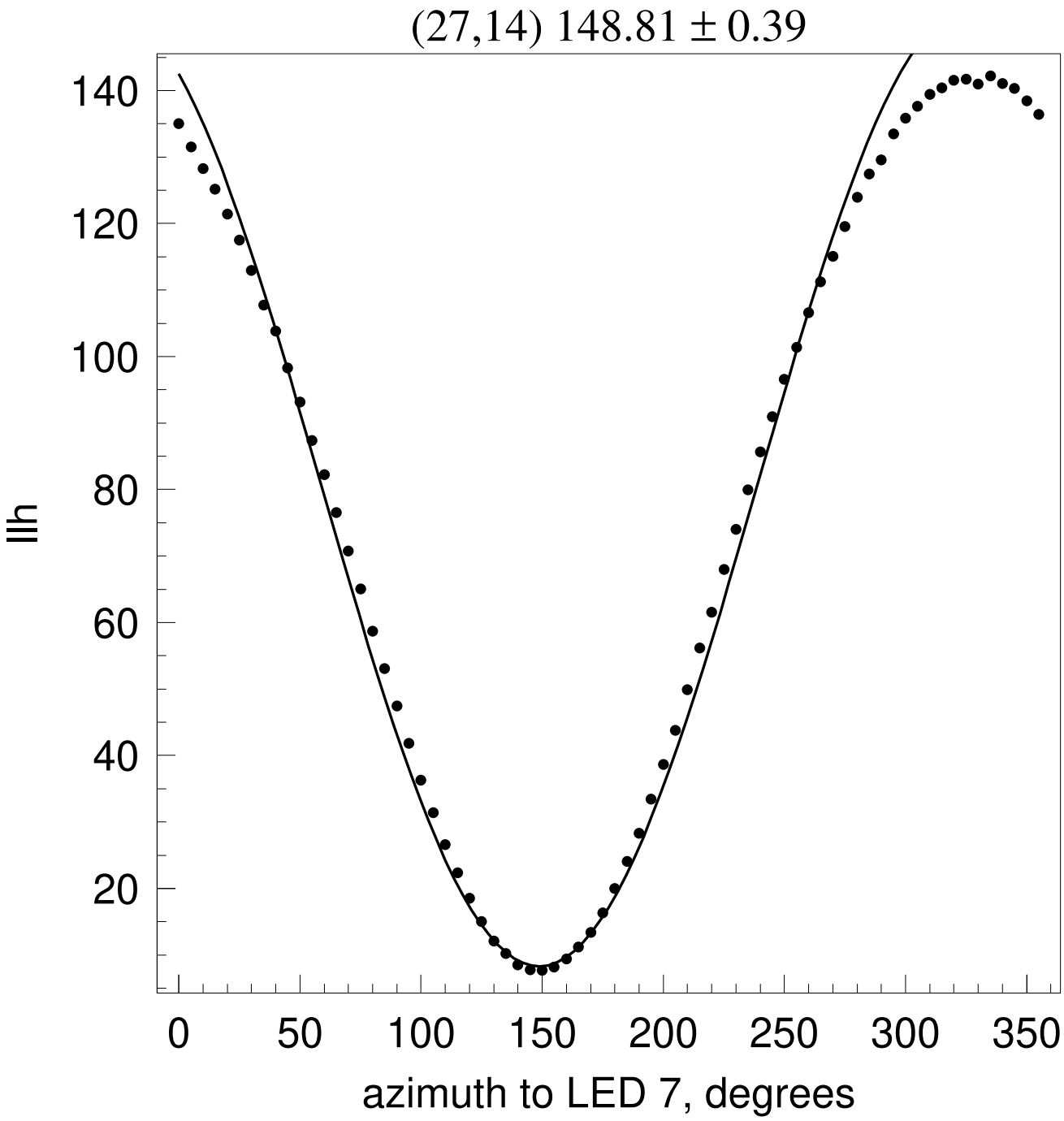

(27,9) 245.75 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

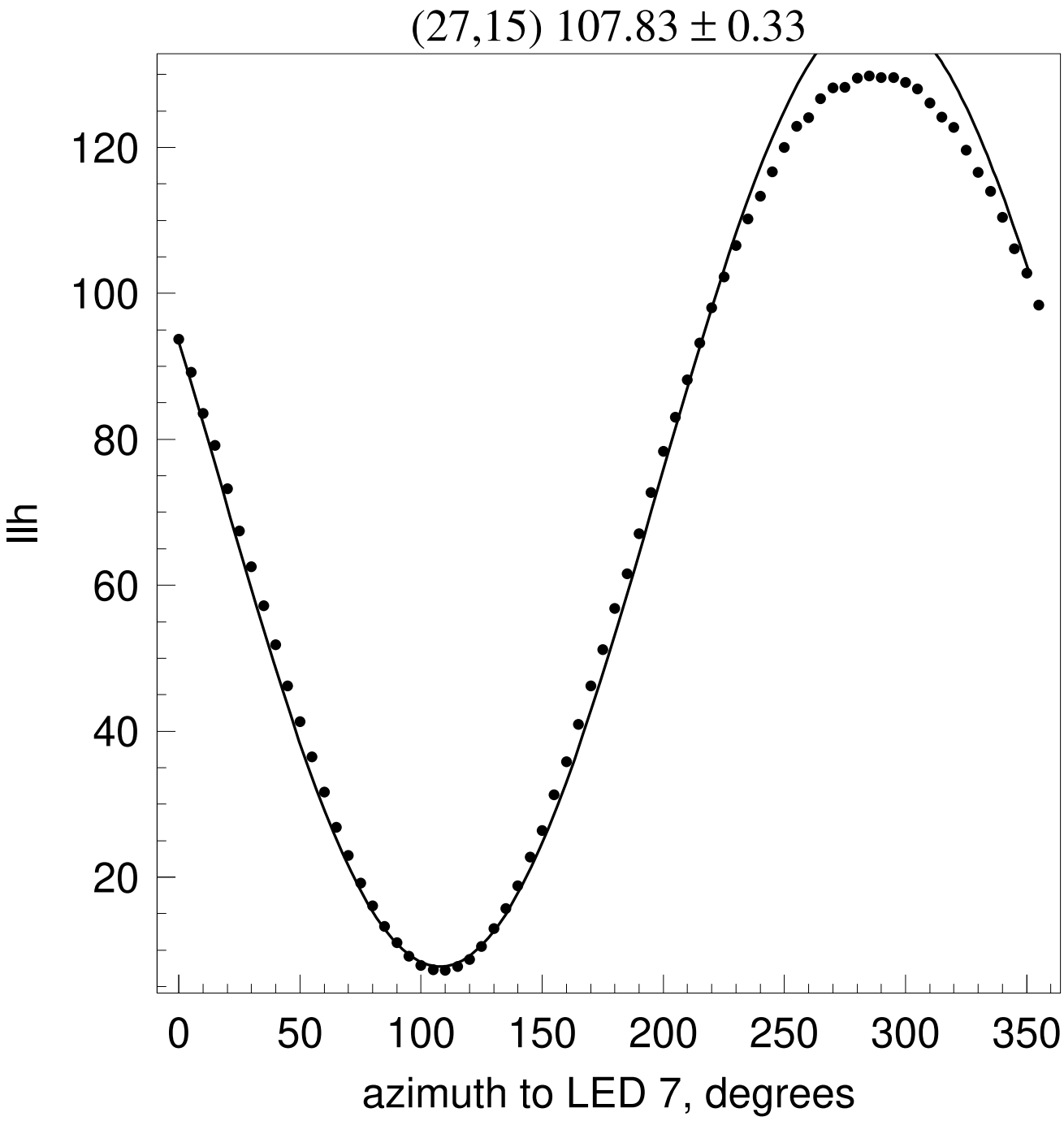

(27,10) 283.73 ± 0.22
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

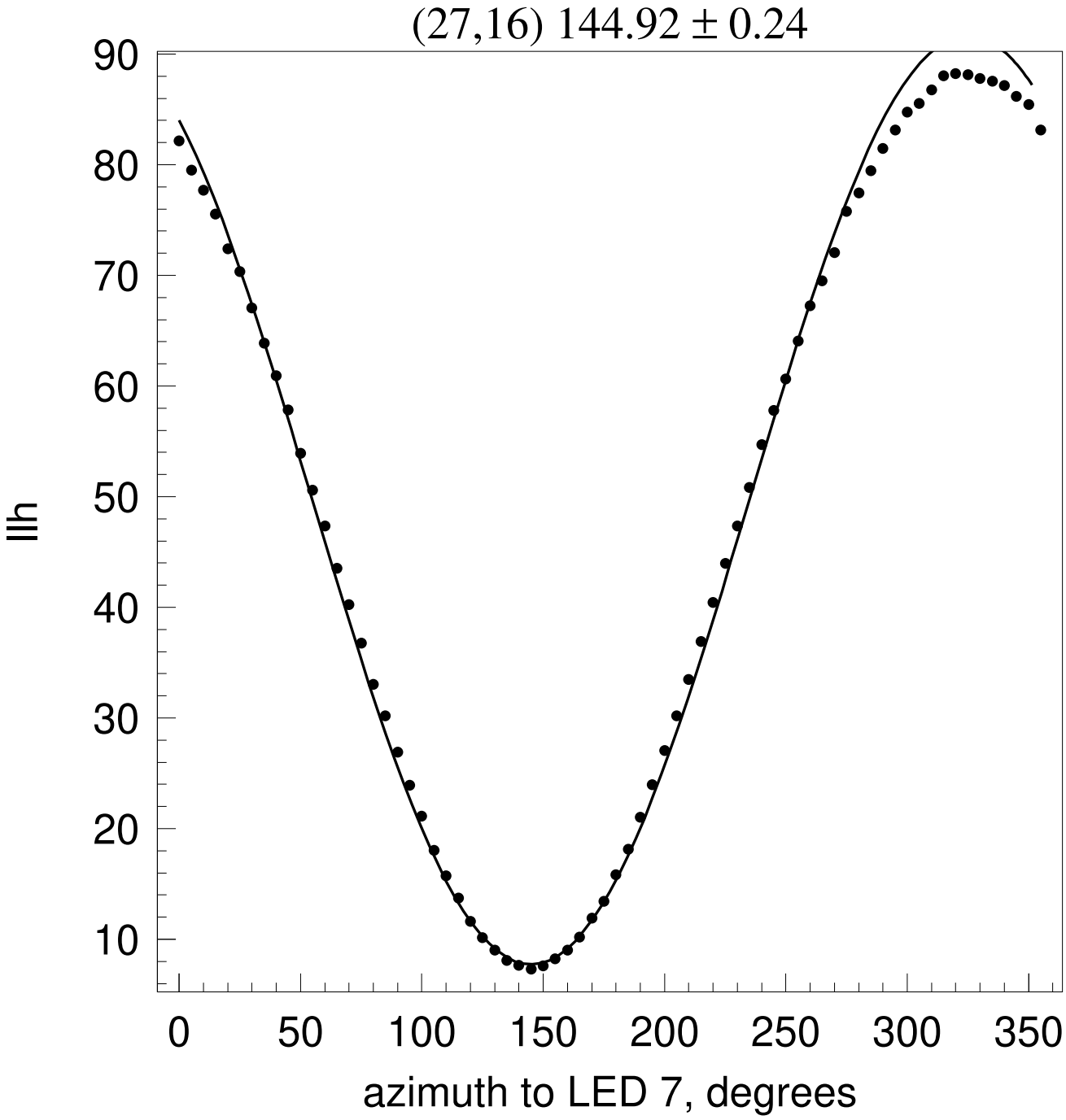

(27,11) 247.44 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

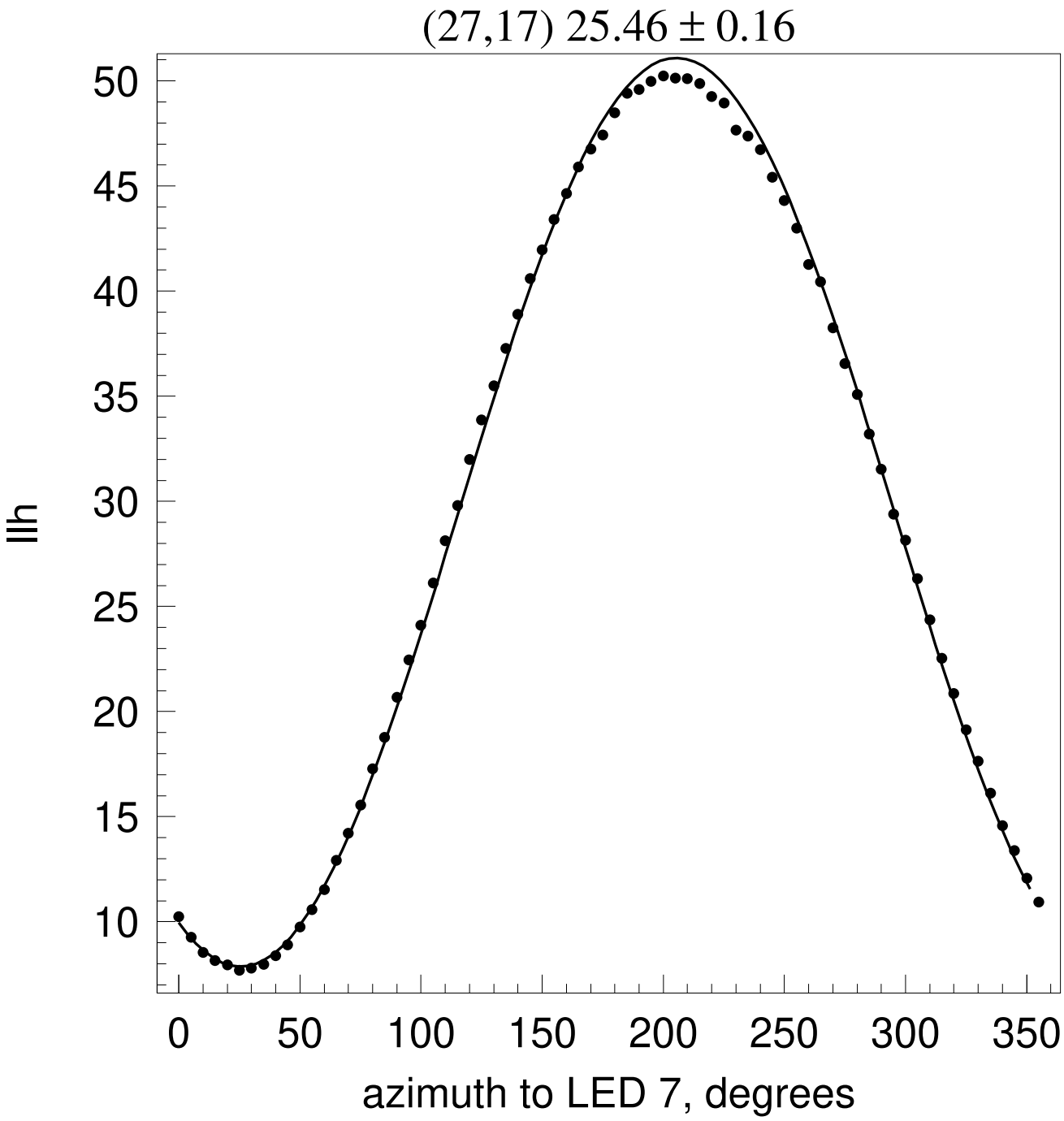

(27,12) 149.58 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

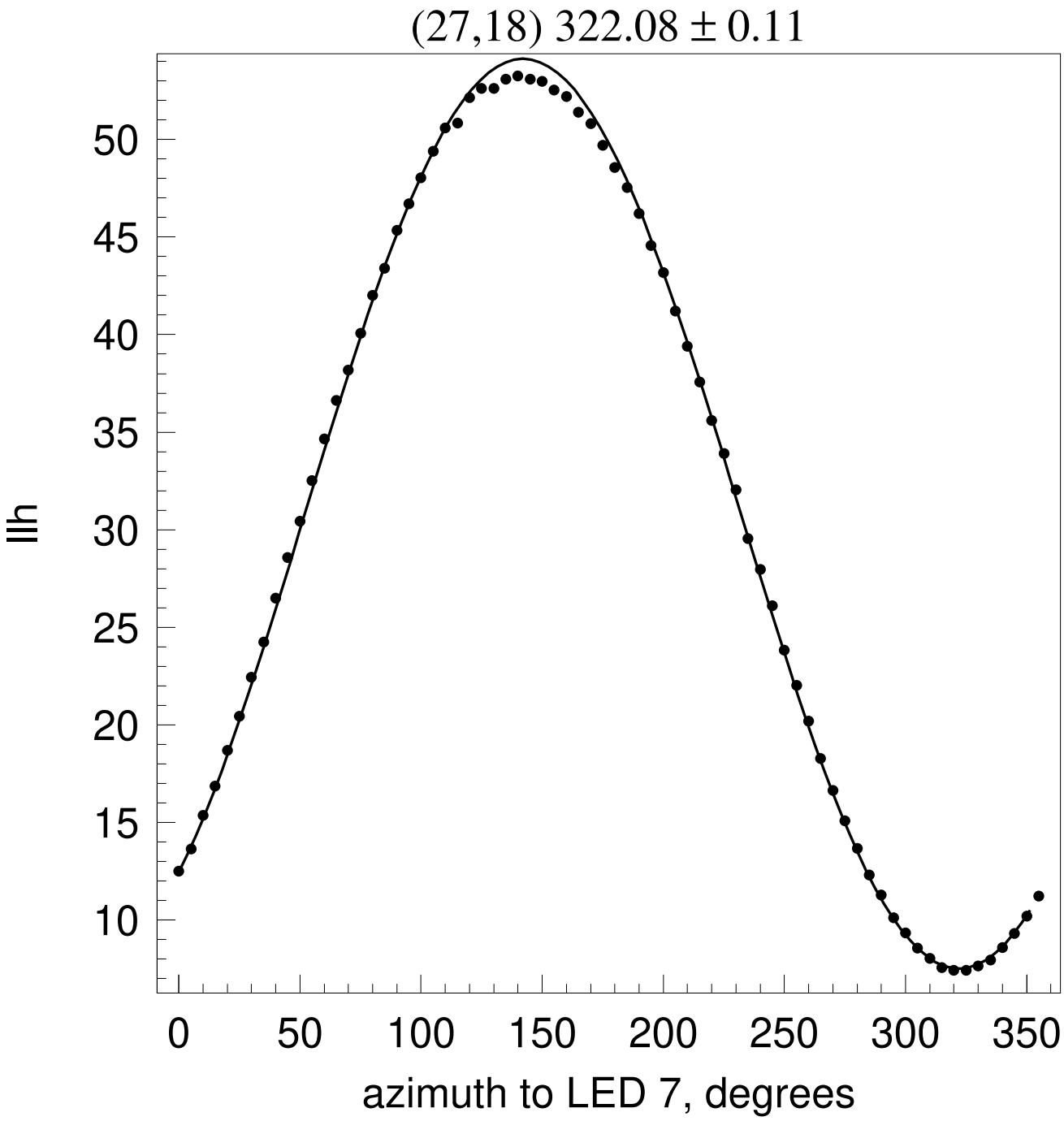

(27,13) 165.60 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

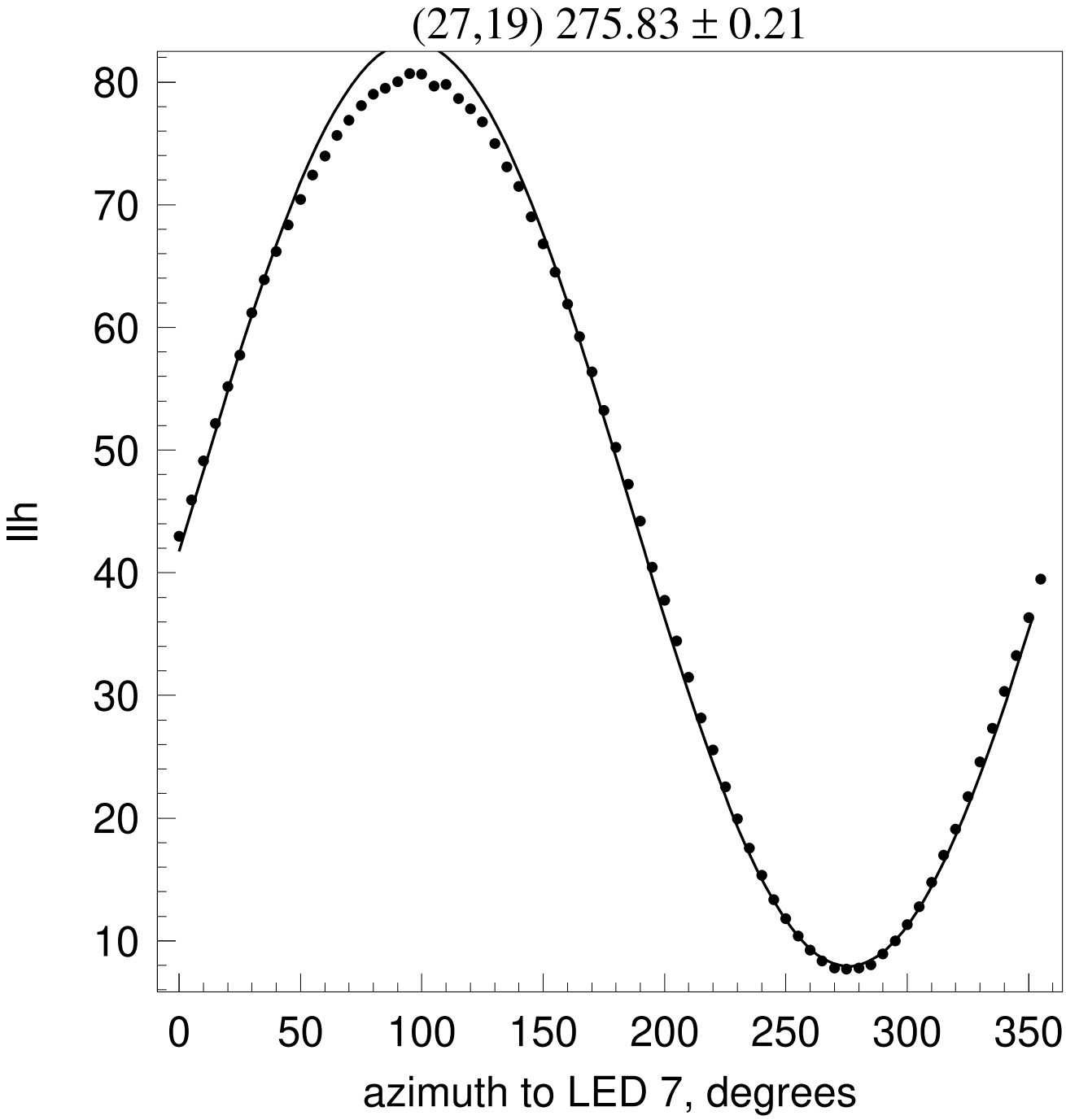

(27,14) 148.81 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

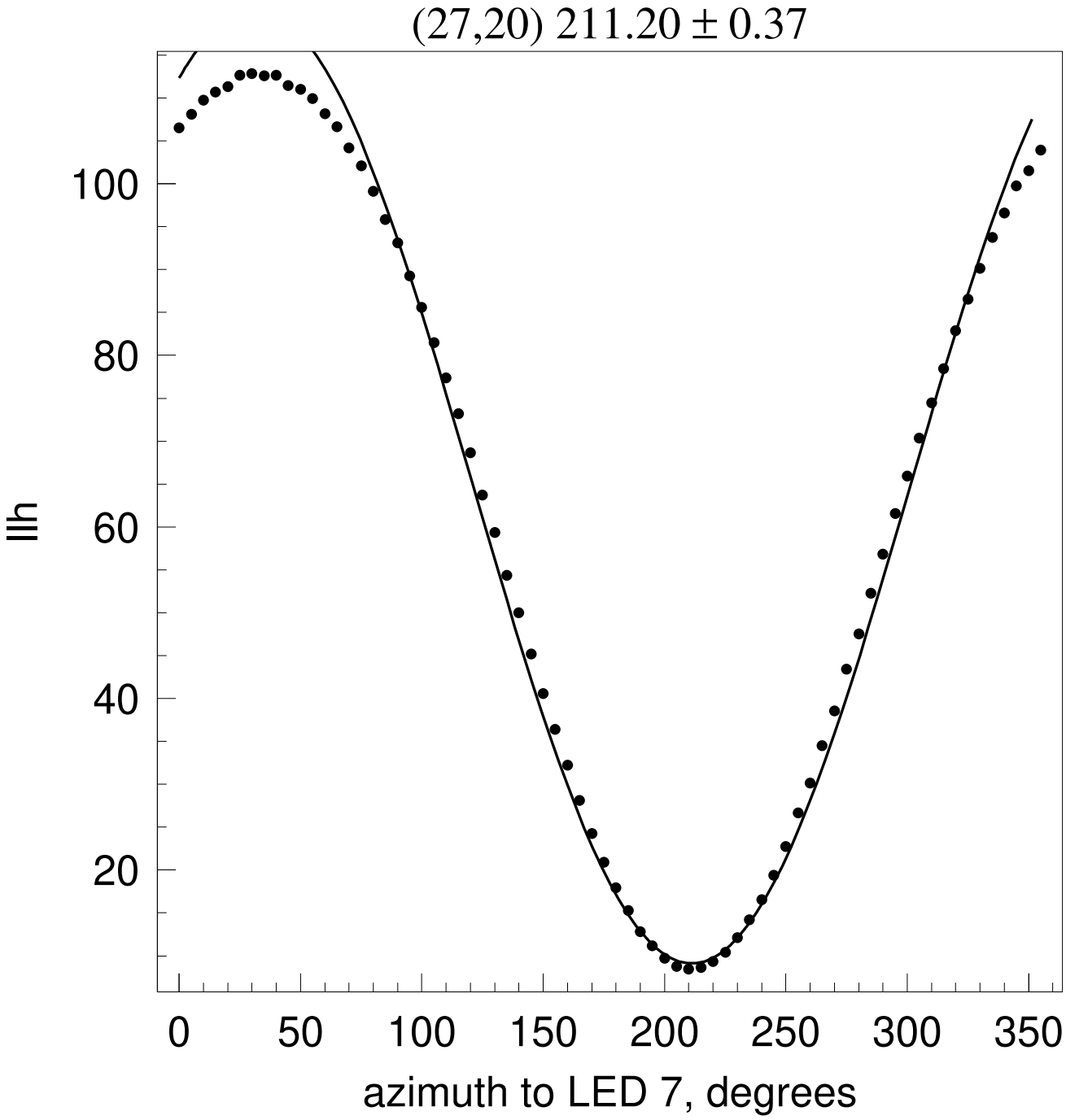

(27,15) 107.83 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

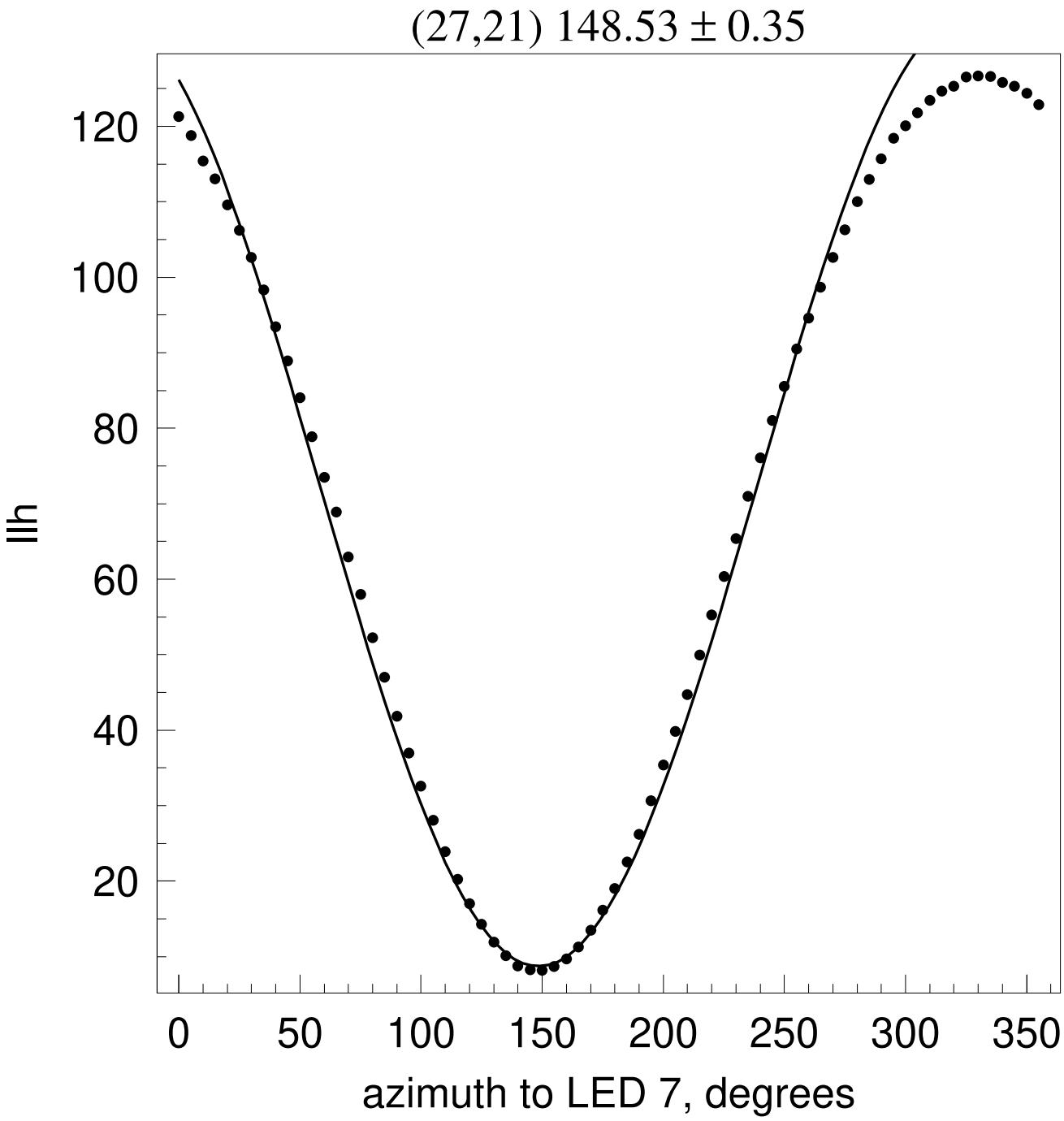

(27,16) 144.92 ± 0.24
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

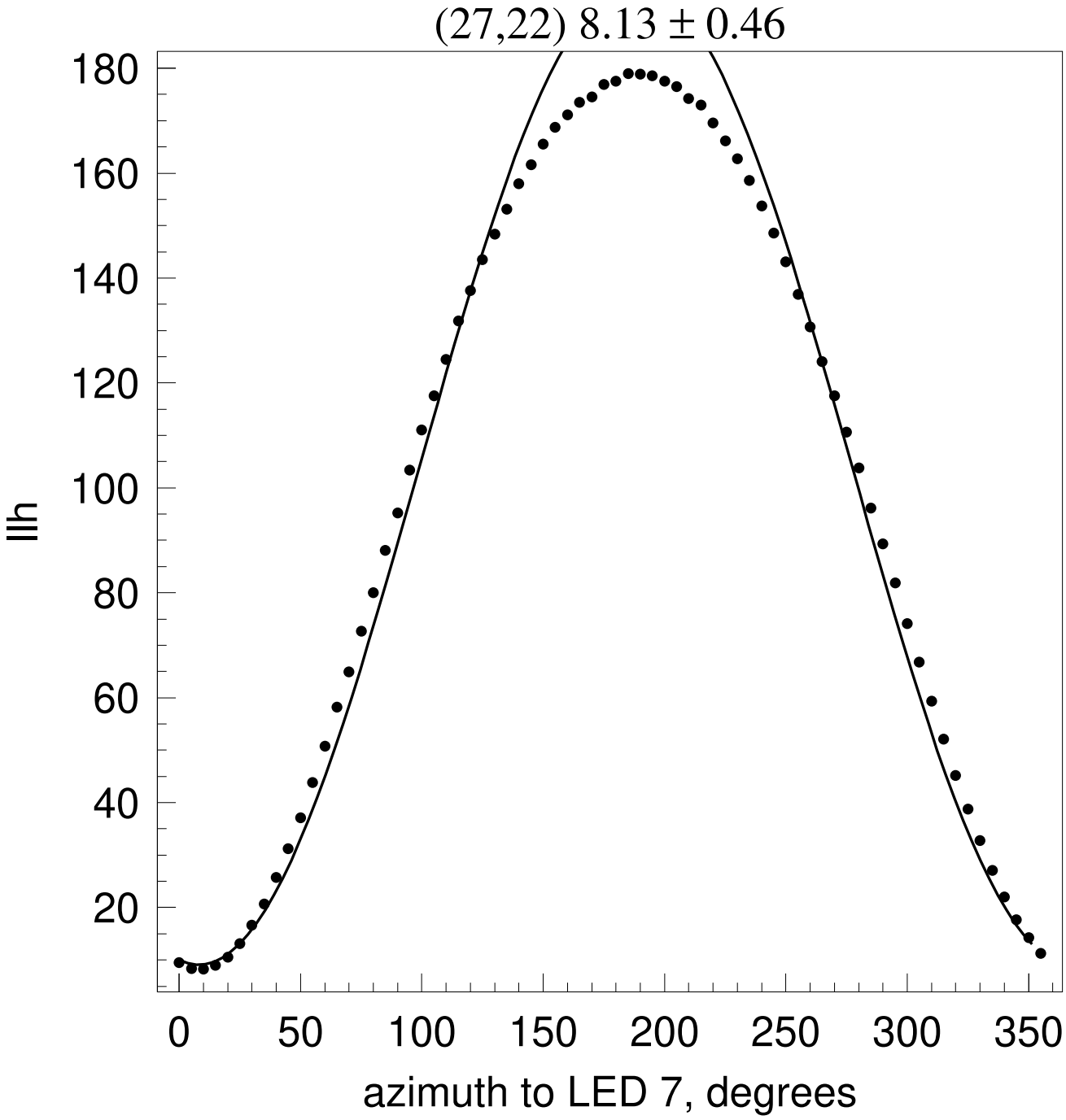

(27,17) 25.46 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

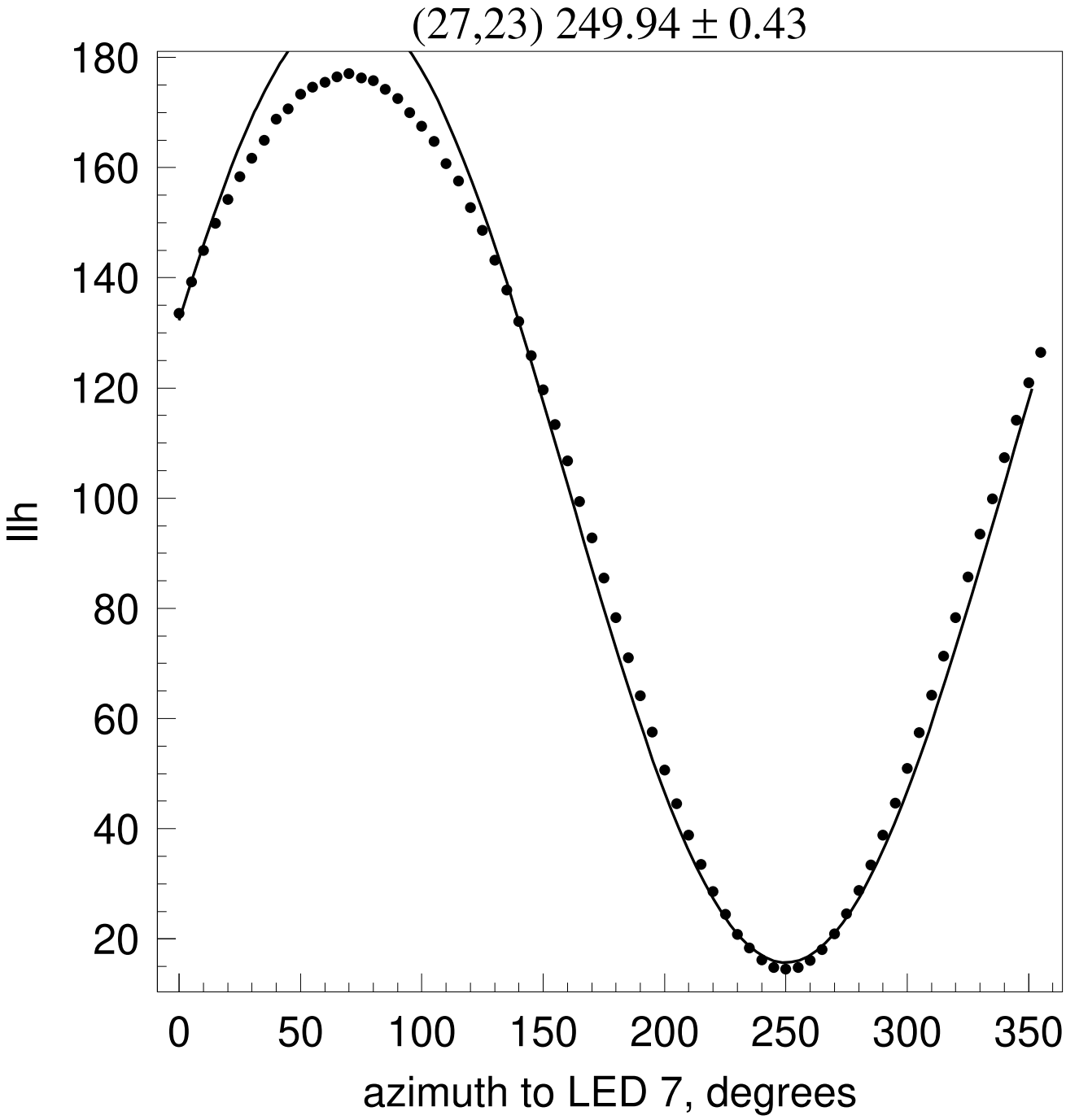

(27,18) 322.08 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

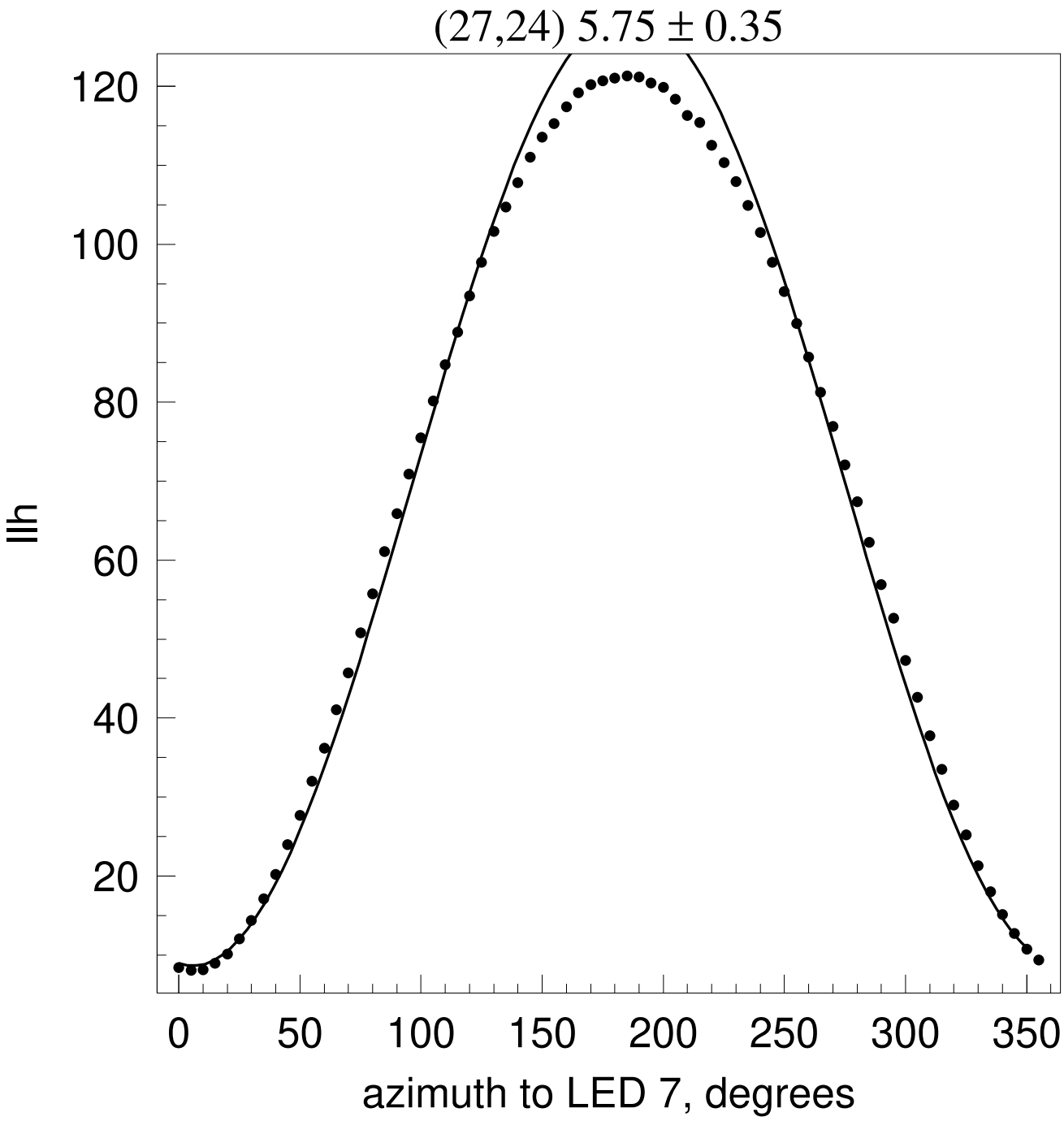

(27,19) 275.83 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

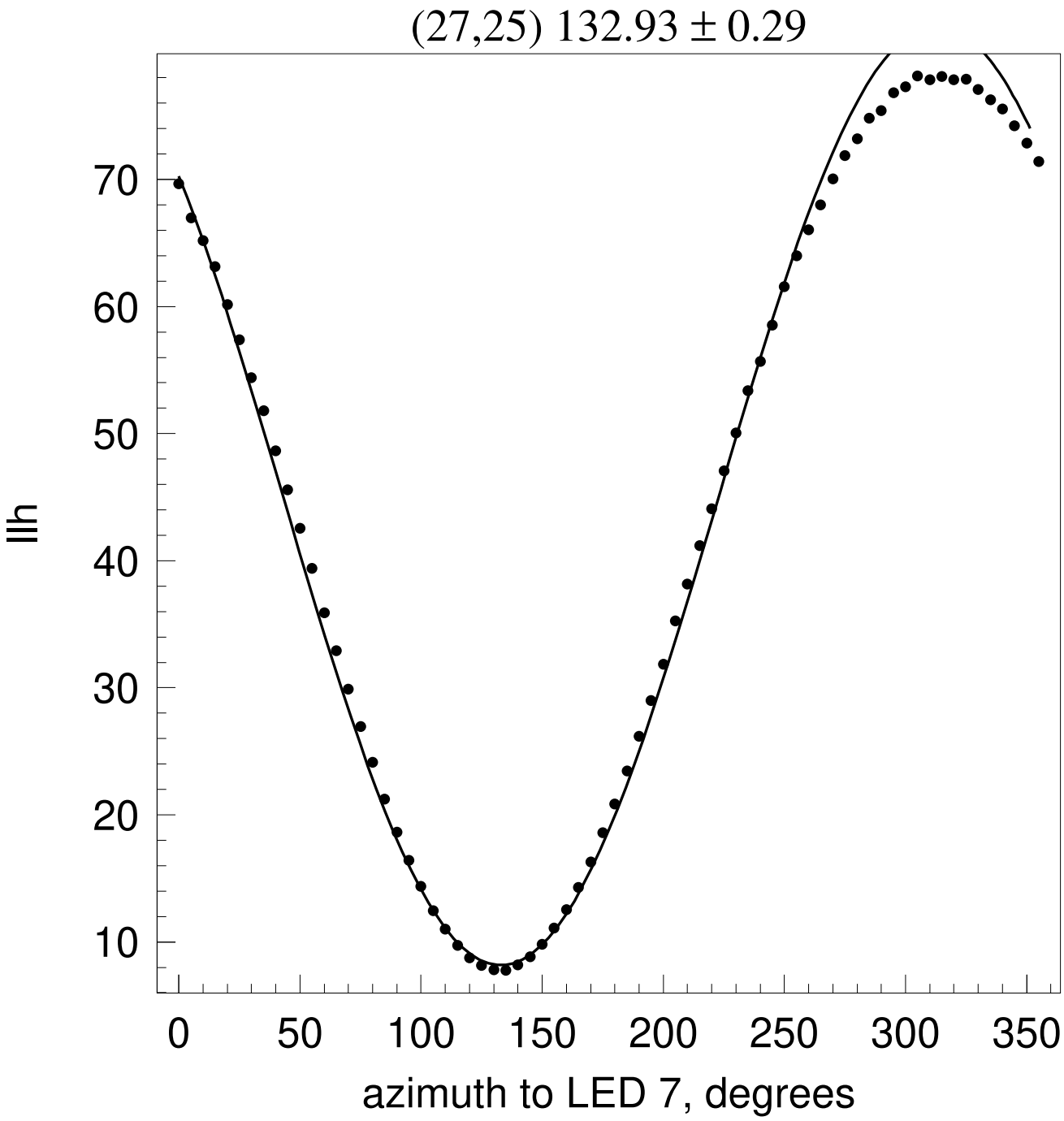

(27,20) 211.20 ± 0.37
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

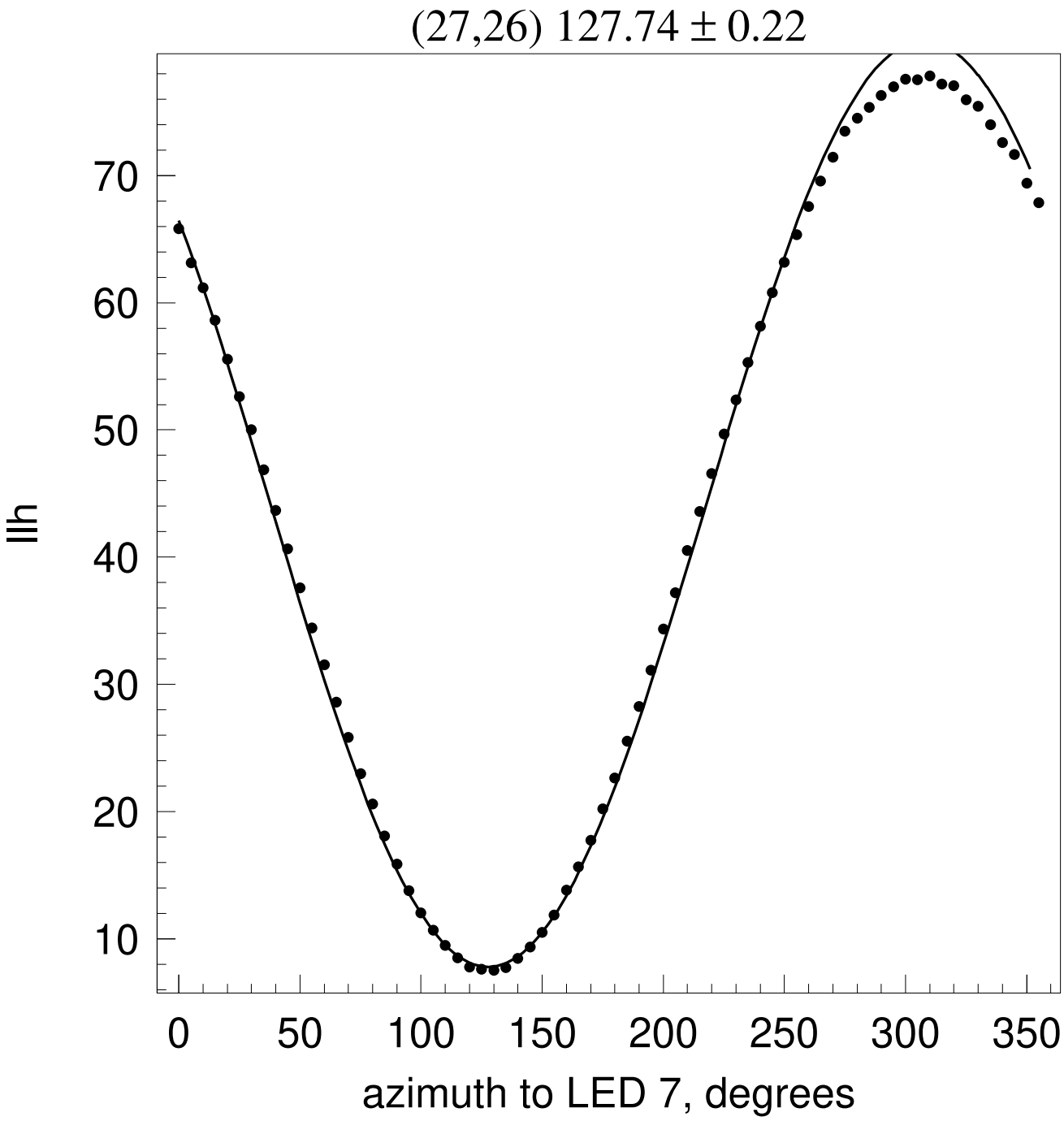

(27,21) 148.53 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

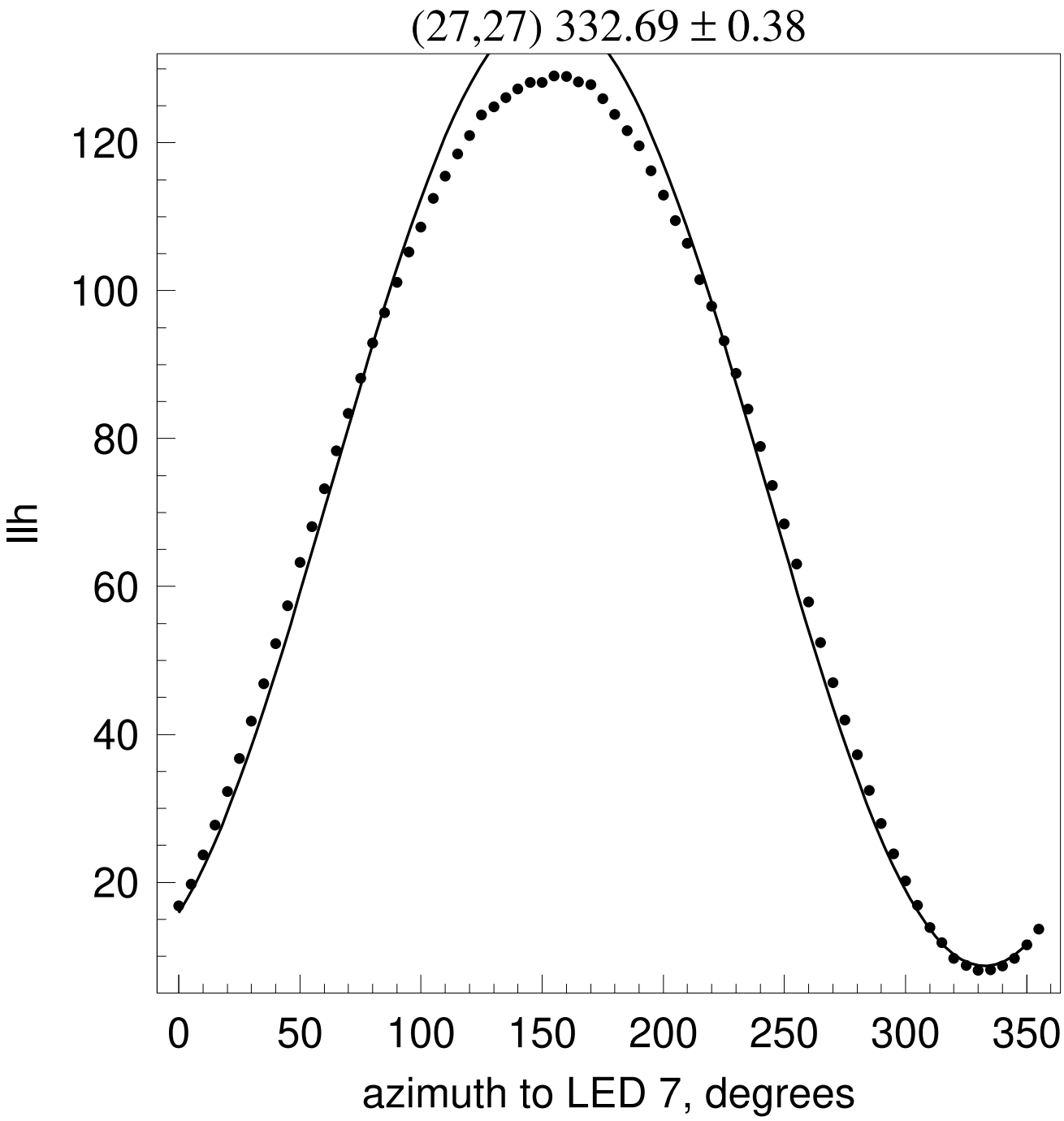

(27,22) 8.13 ± 0.46
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

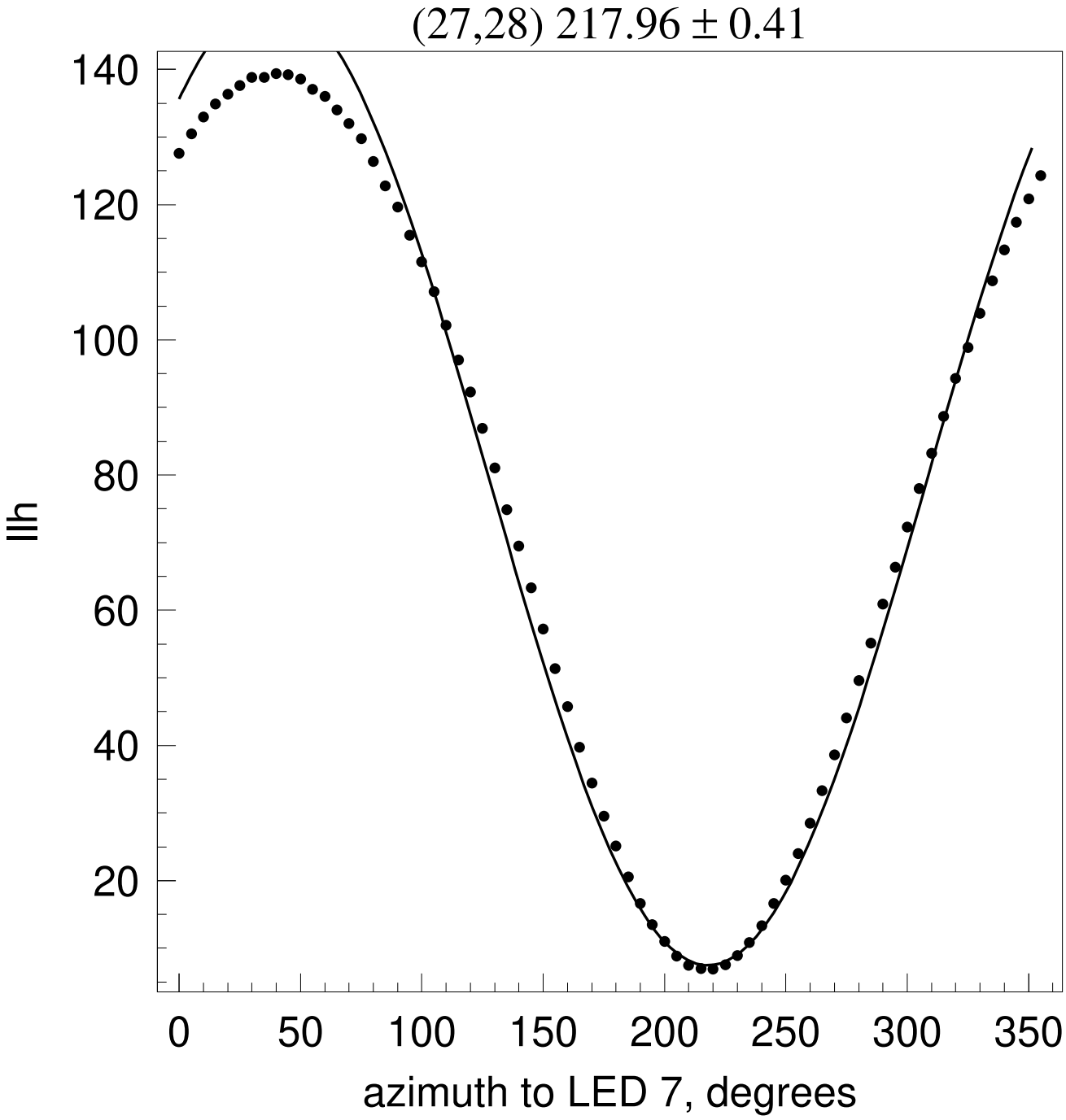

(27,23) 249.94 ± 0.43
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

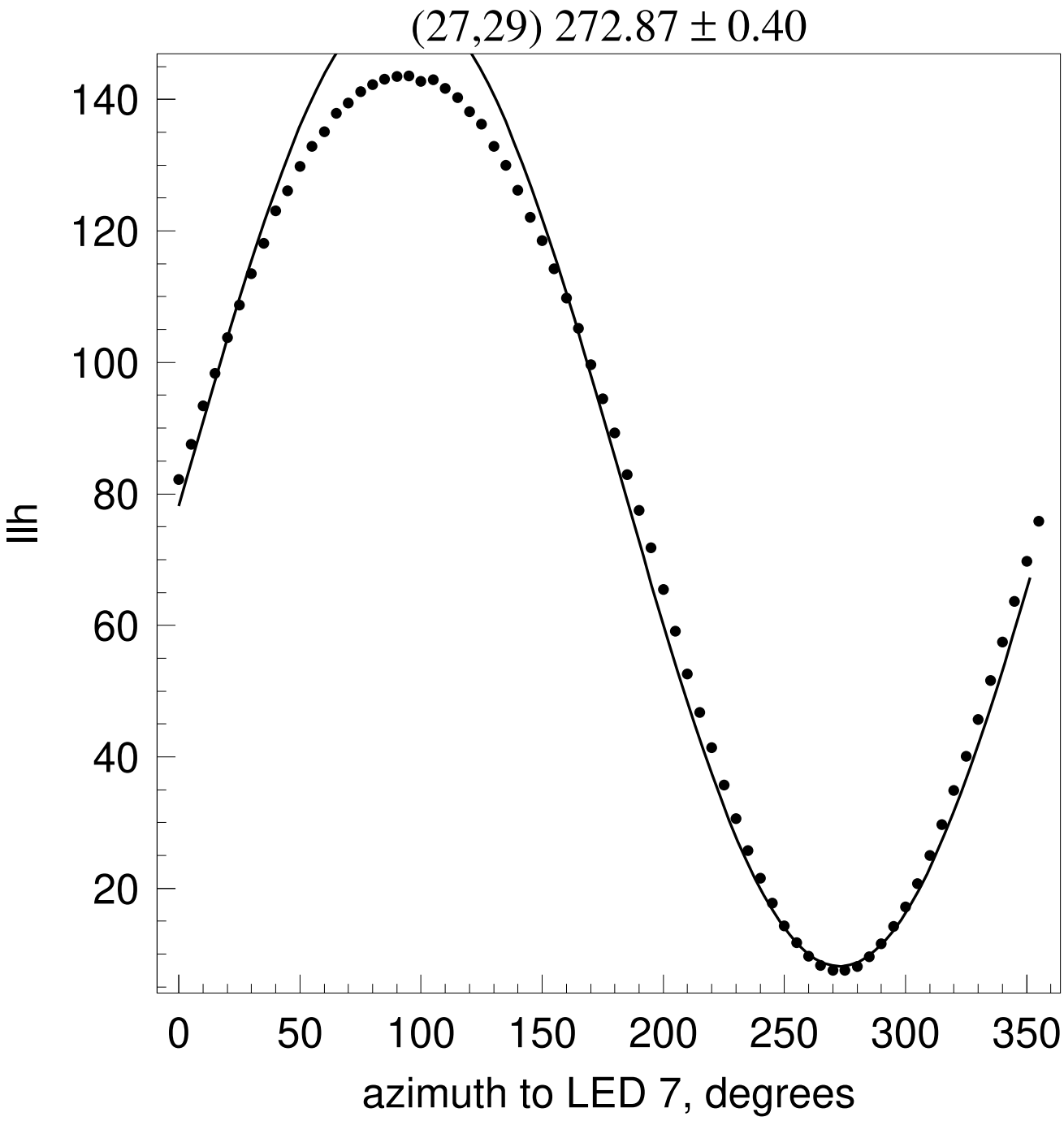

(27,24) 5.75 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

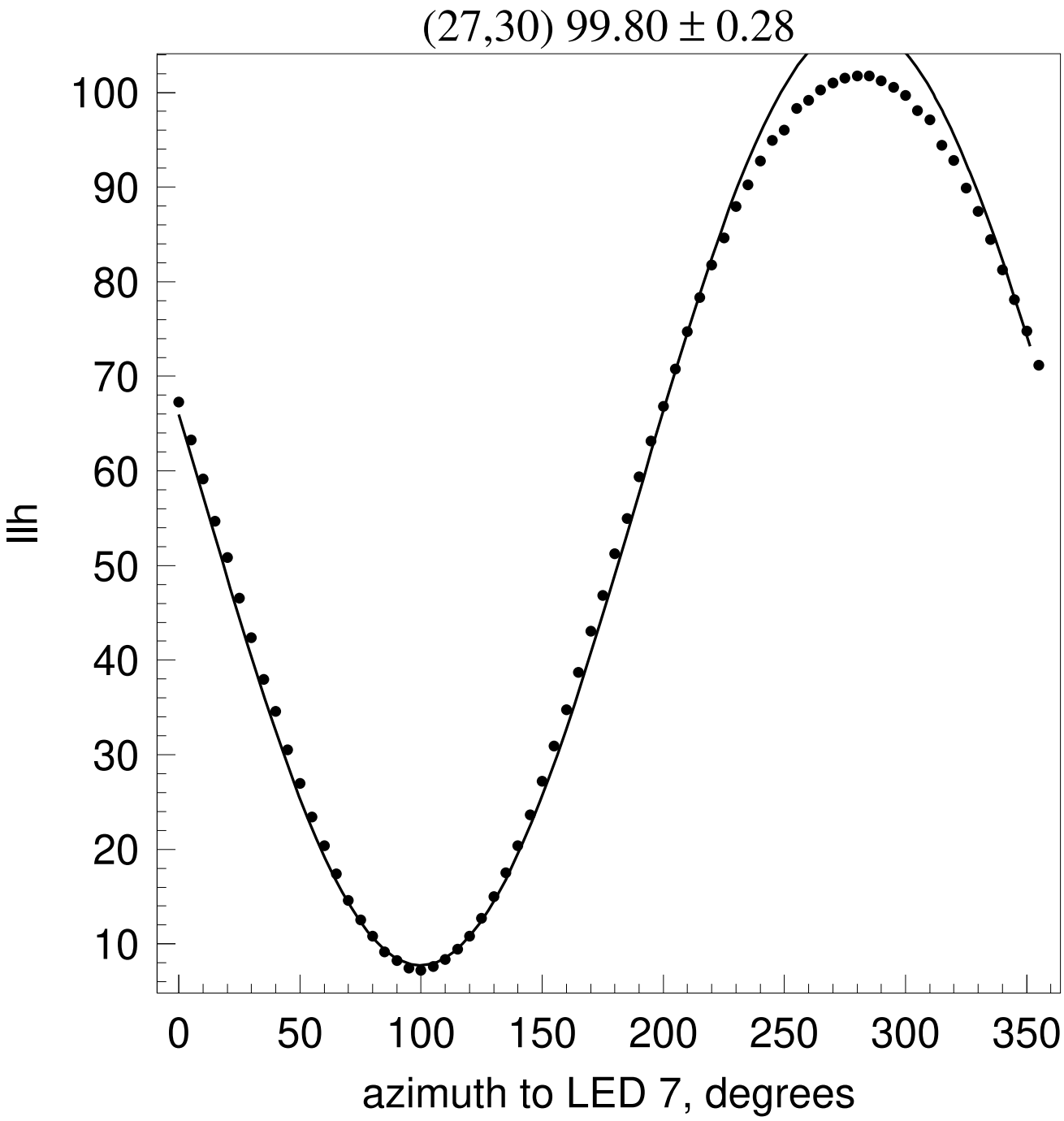

(27,25) 132.93 ± 0.29
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

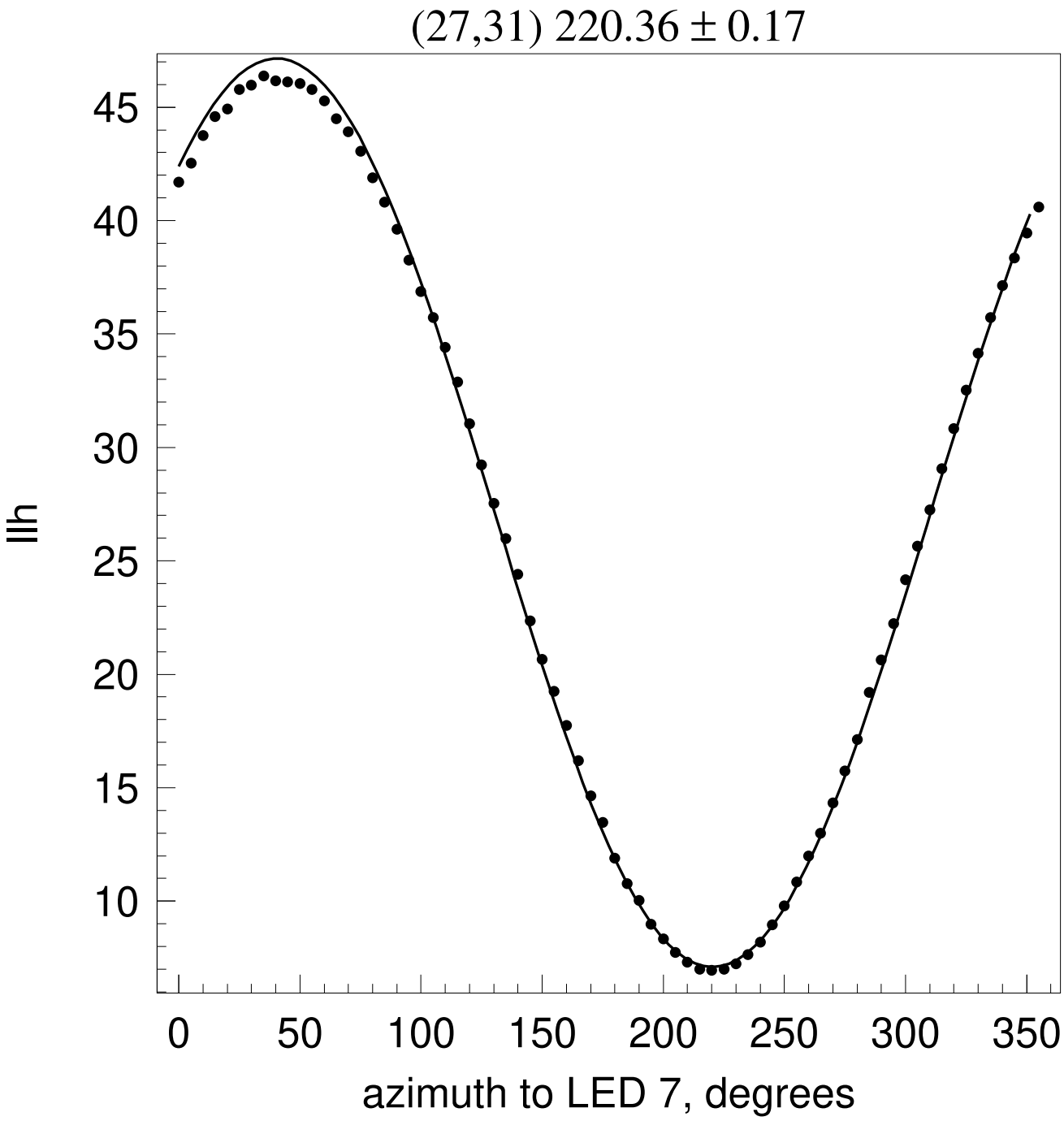

(27,26) 127.74 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

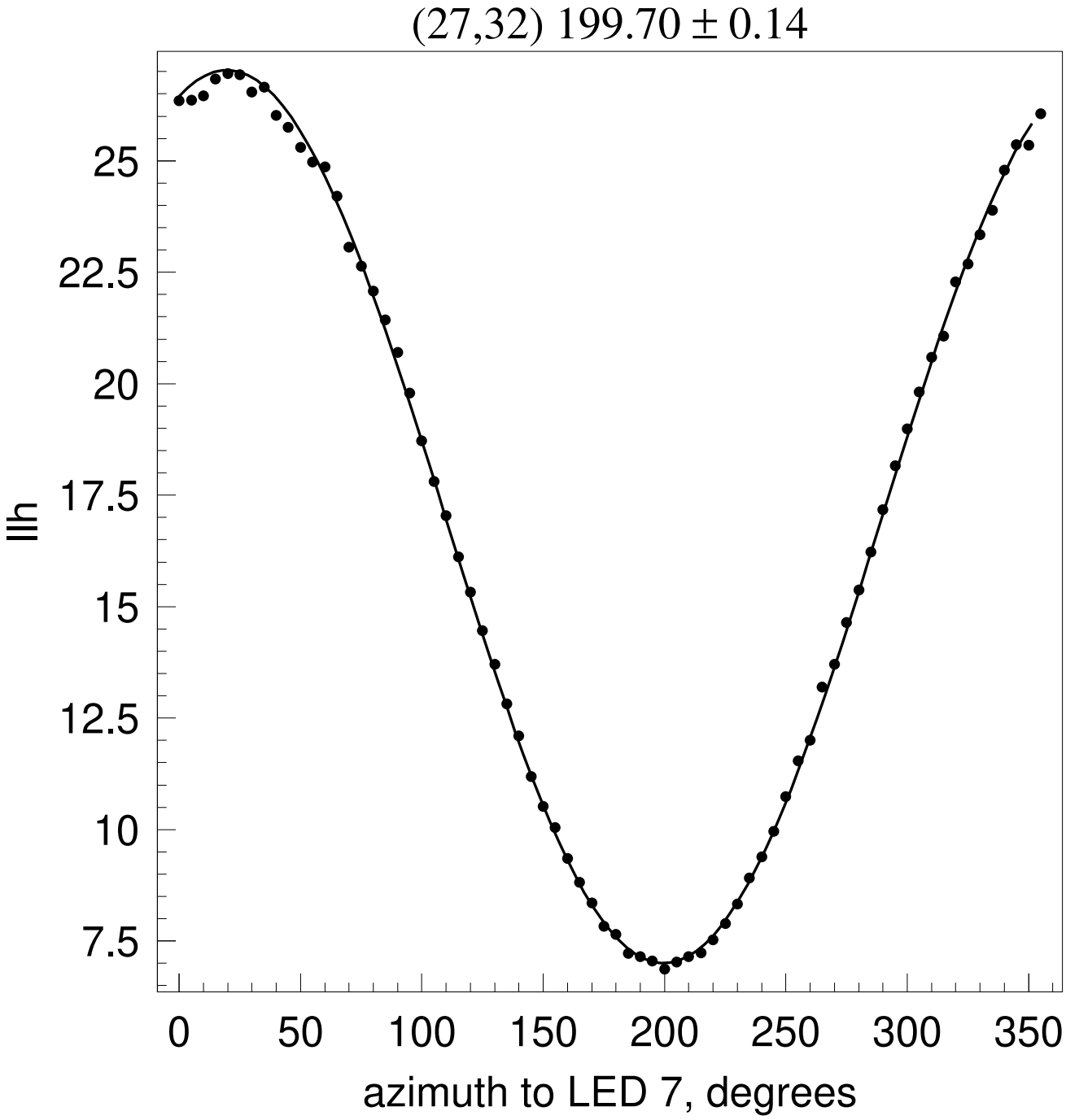

(27,27) 332.69 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

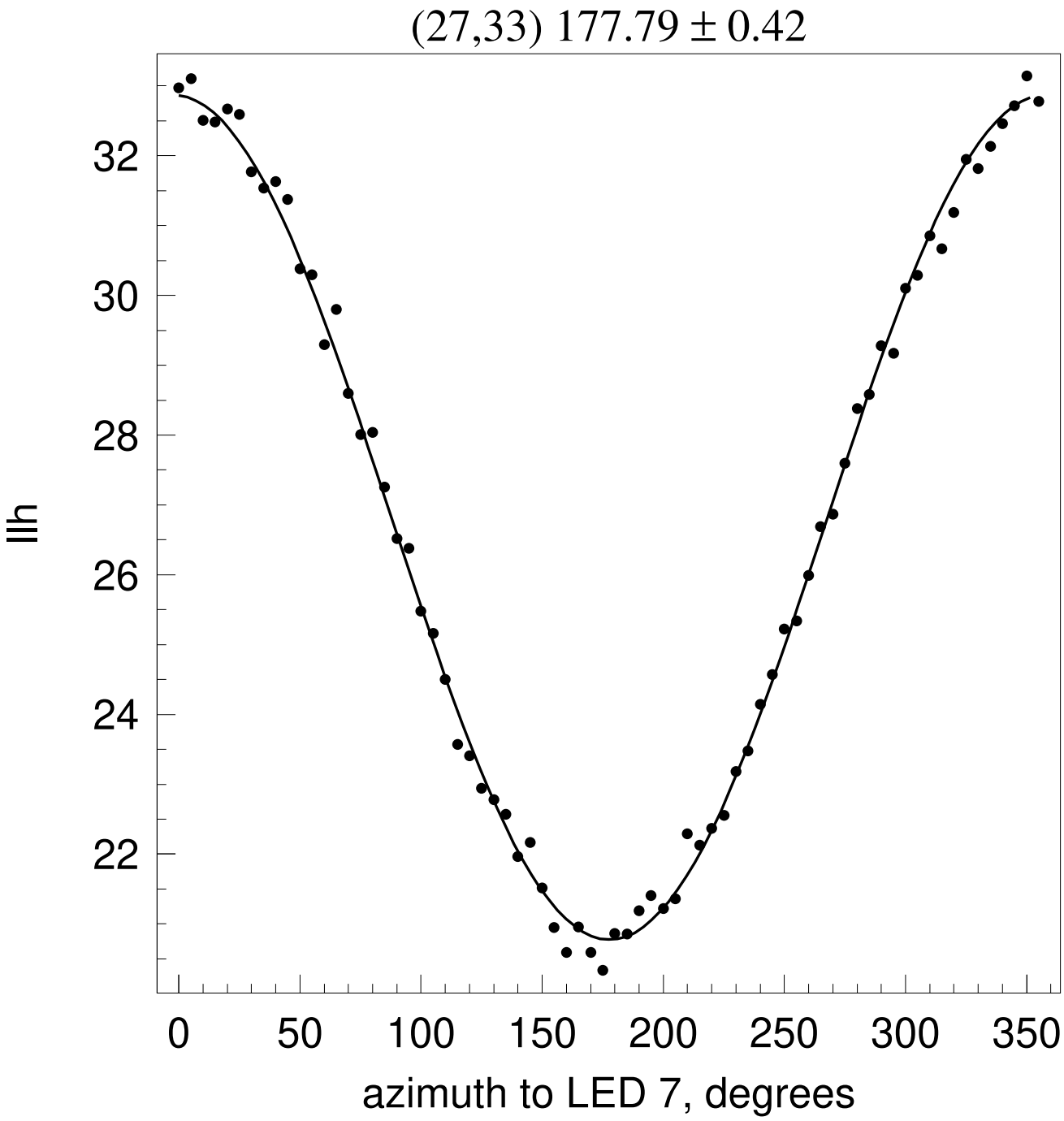

(27,28) 217.96 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

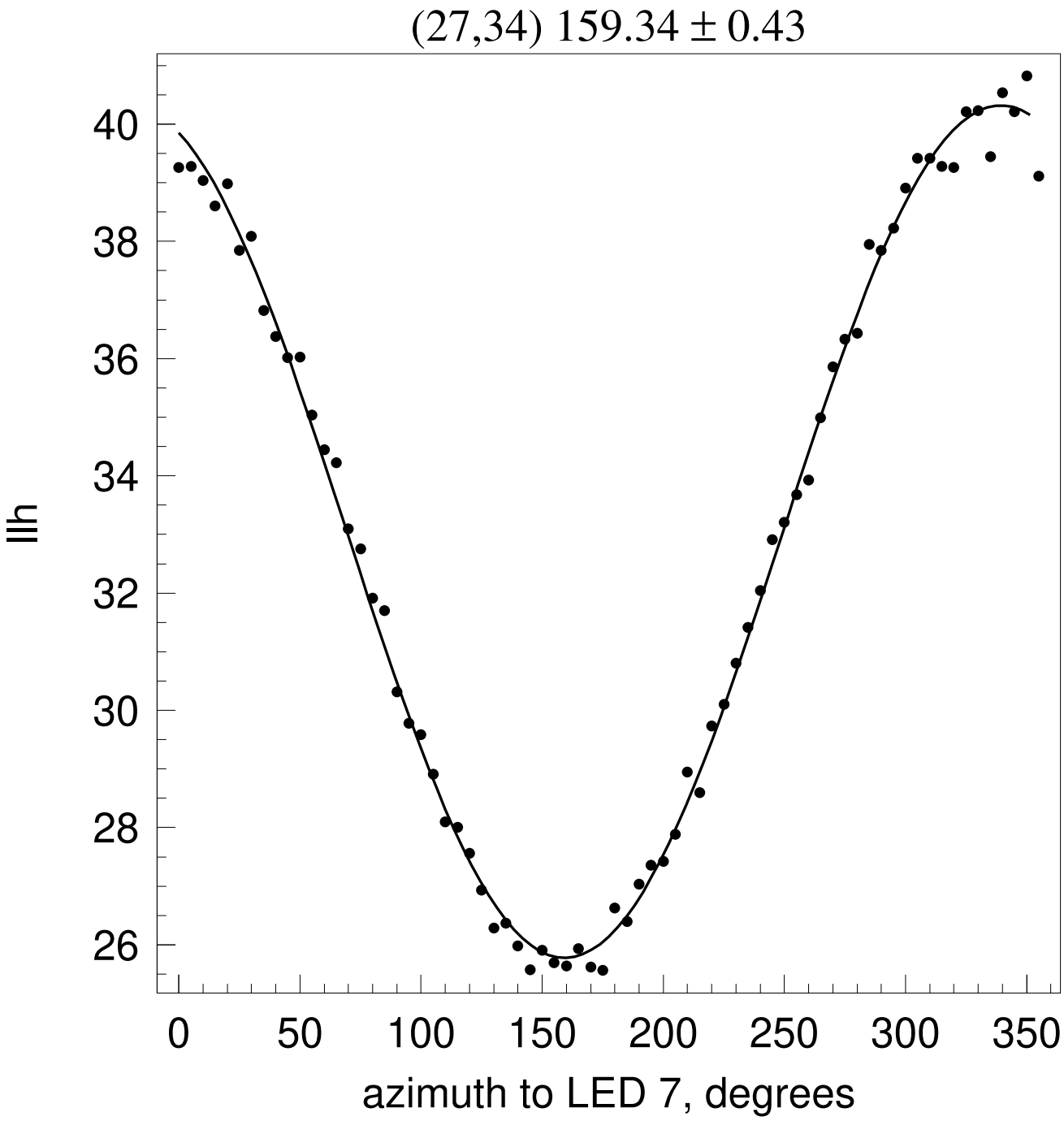

(27,29) 272.87 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

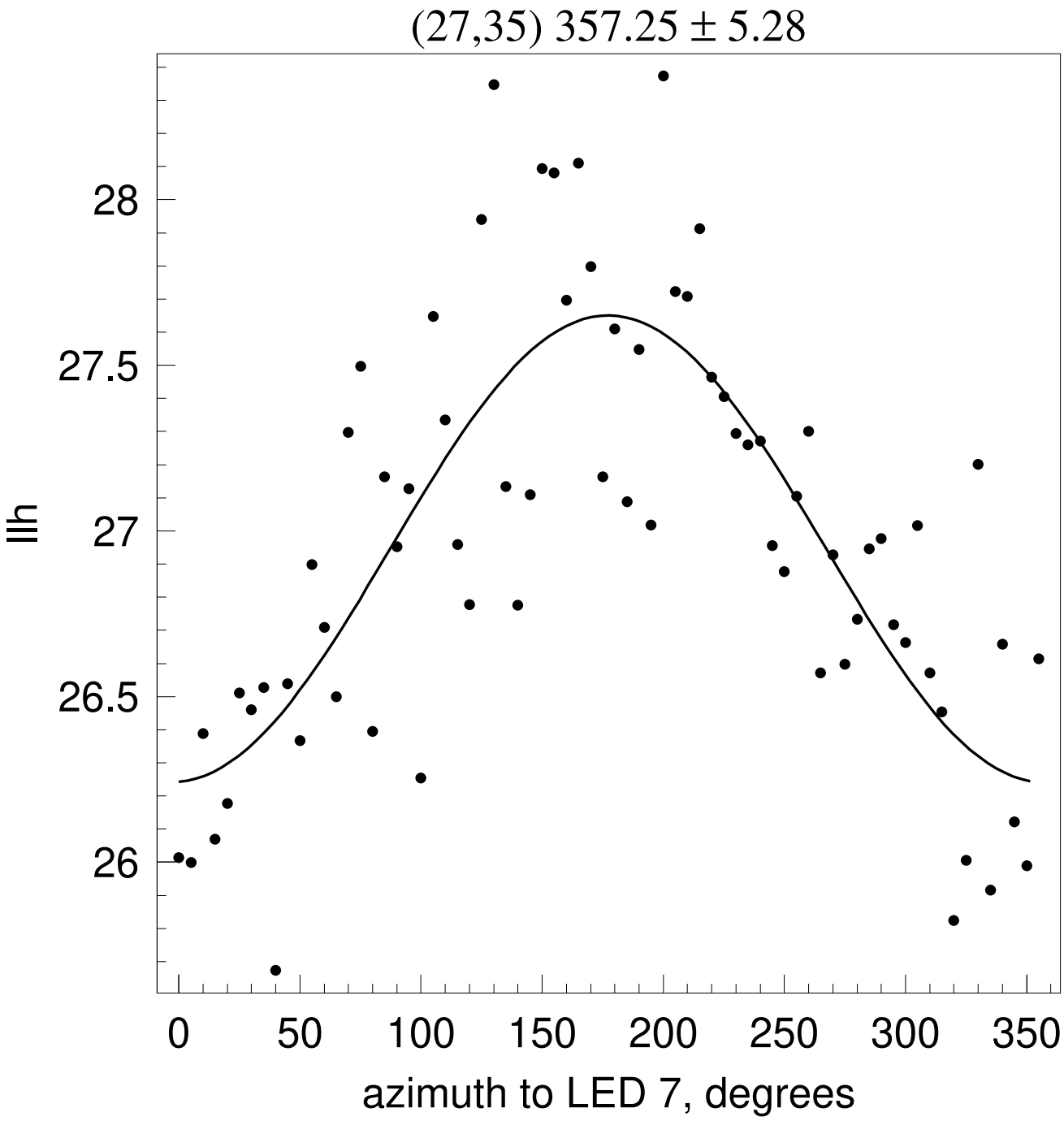

(27,30) 99.80 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

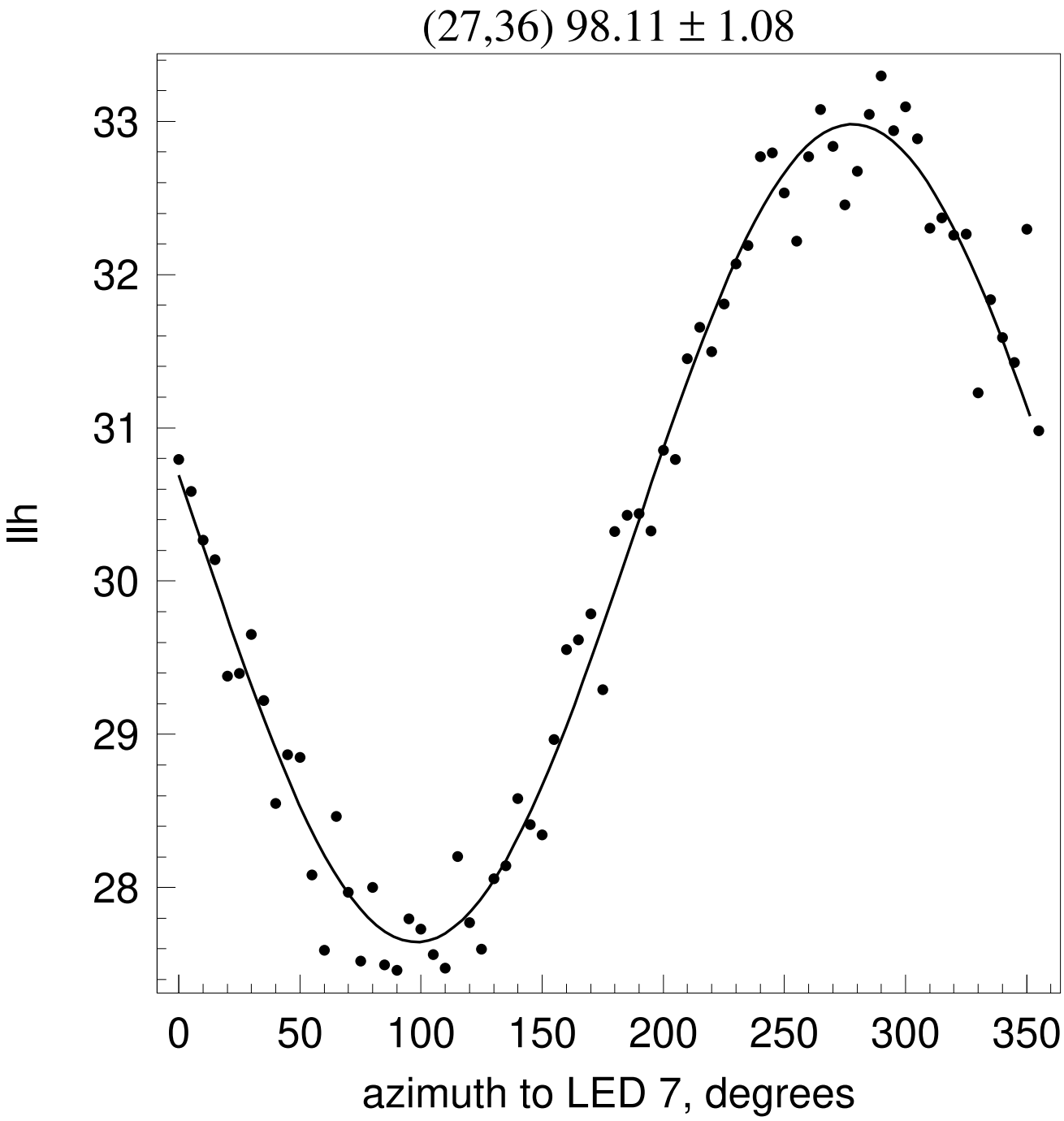

(27,31) 220.36 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

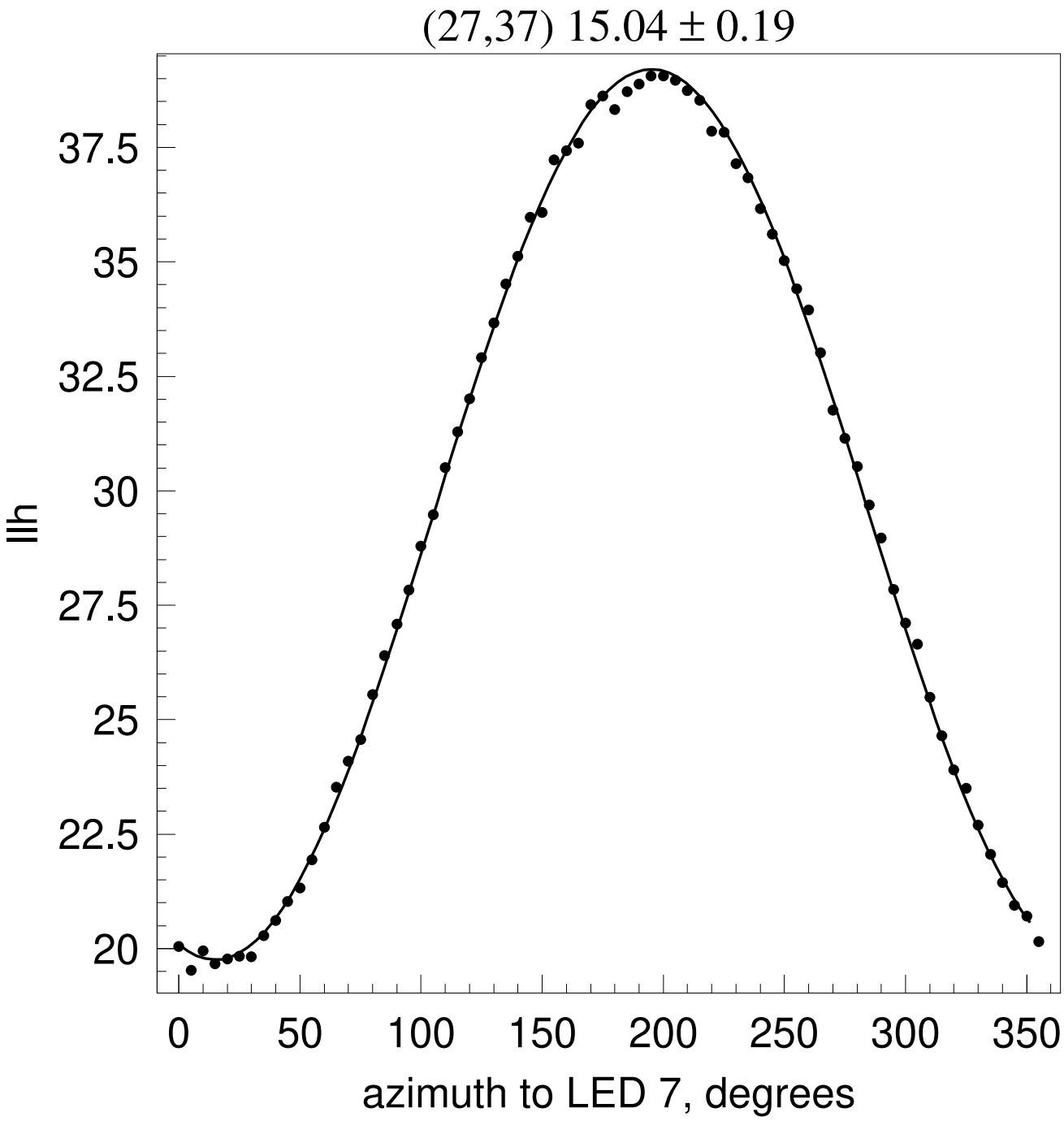

(27,32) 199.70 ± 0.14
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

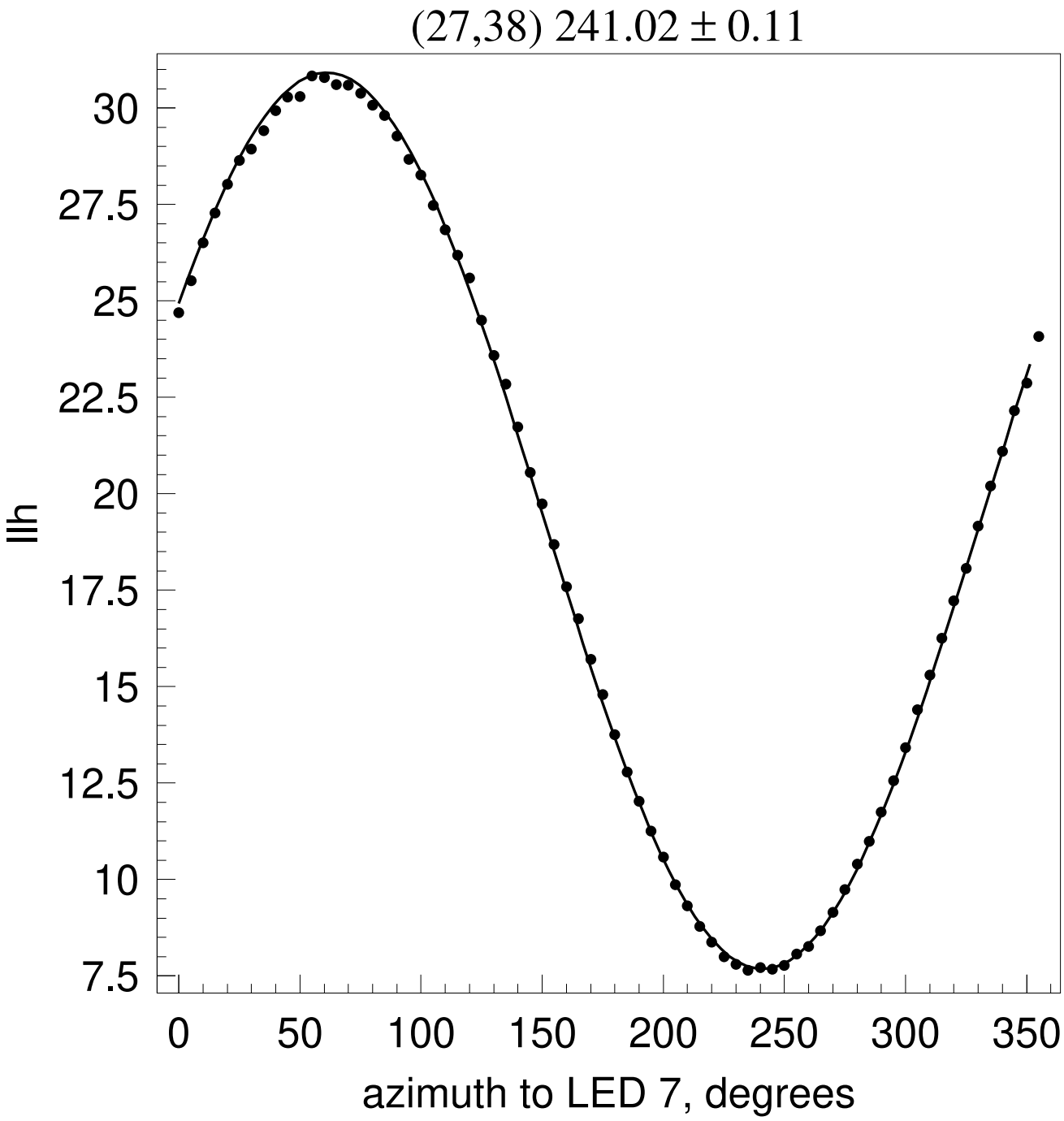

(27,33) 177.79 ± 0.42
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

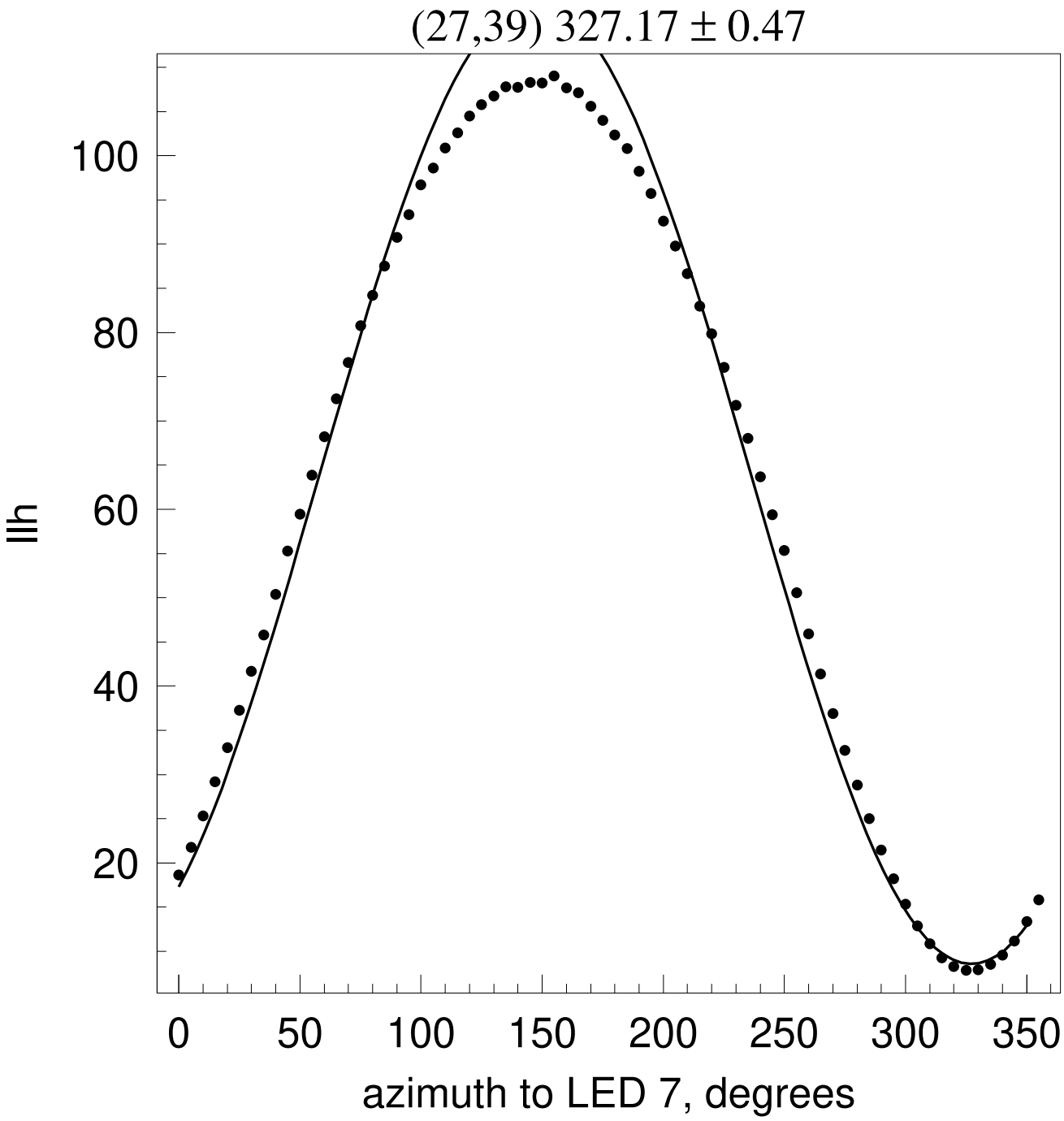

(27,34) 159.34 ± 0.43
40
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

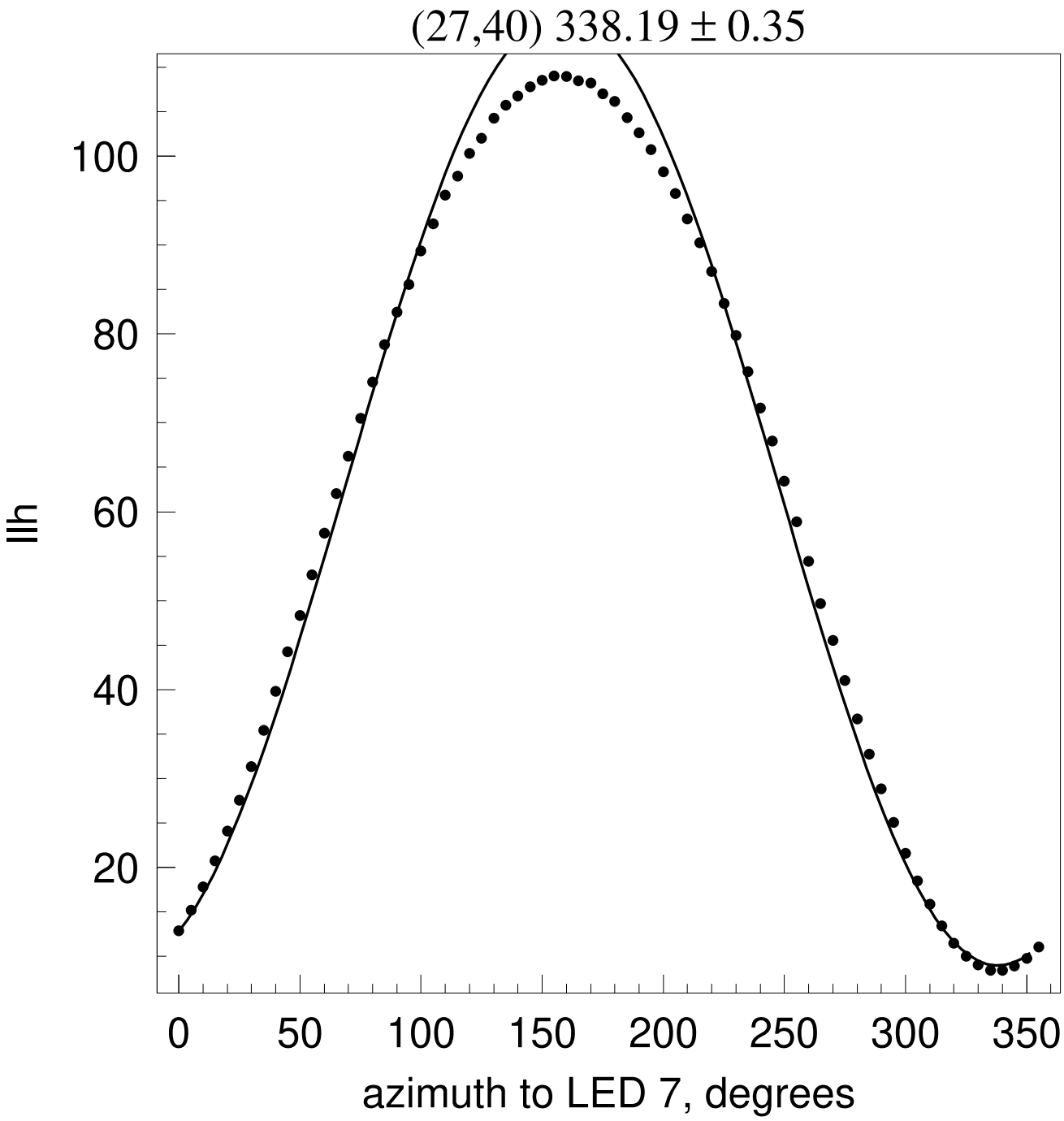

(27,35) 357.25 ± 5.28
28
27.5
27
26.5
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

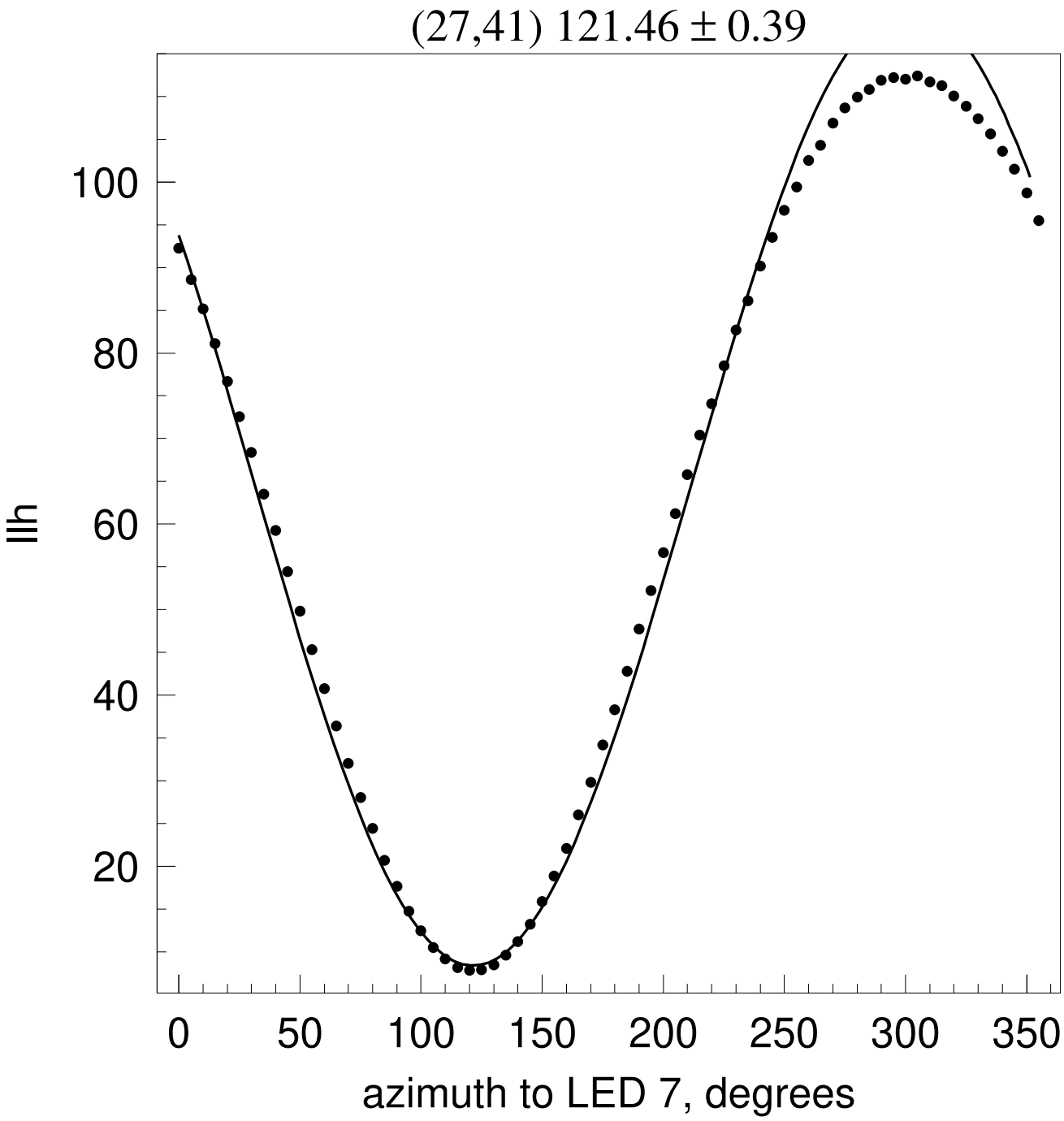

(27,36) 98.11 ± 1.08
33
32
31
30
29
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

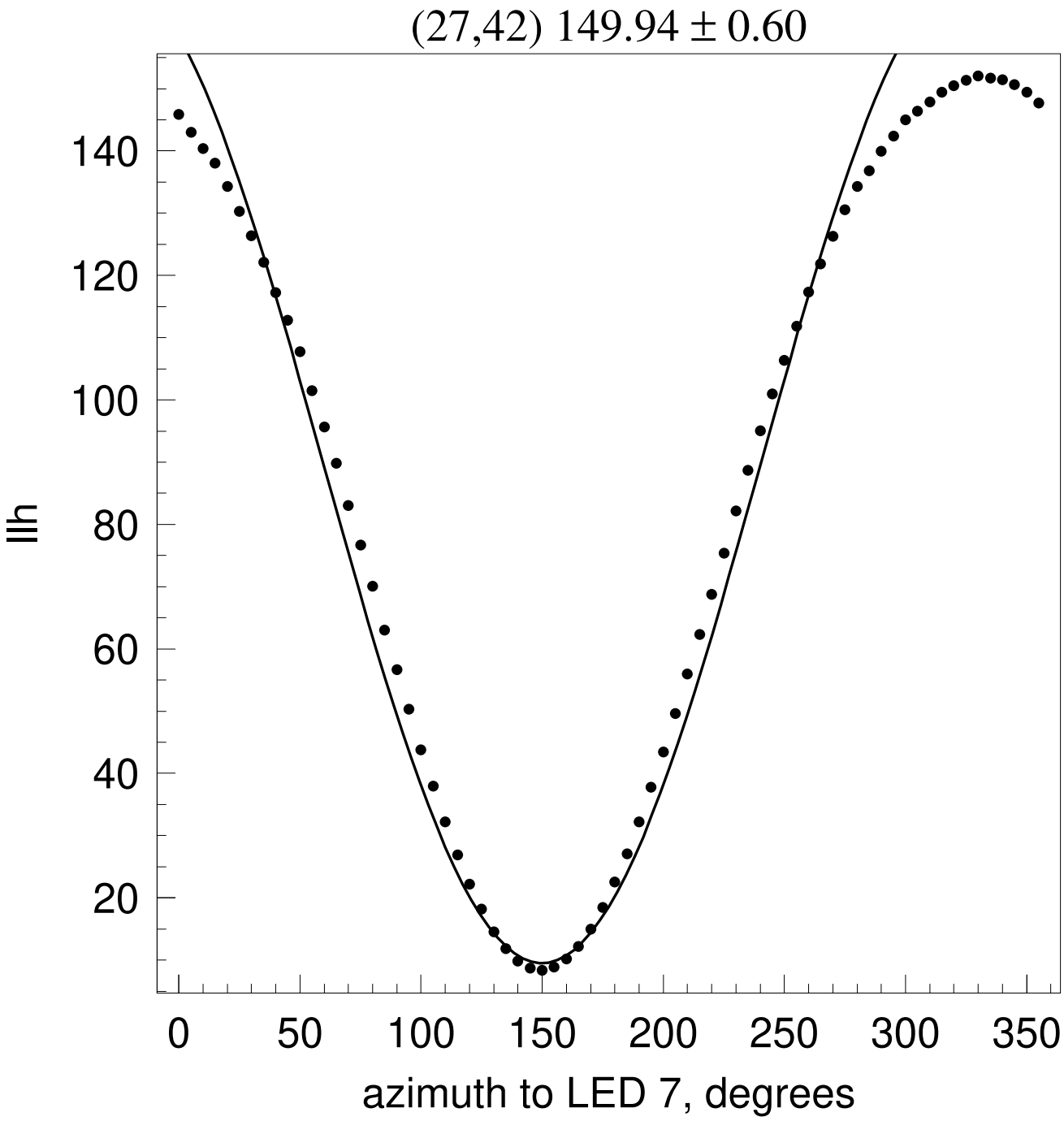

(27,37) 15.04 ± 0.19
37.5
35
32.5
30
27.5
25
22.5
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

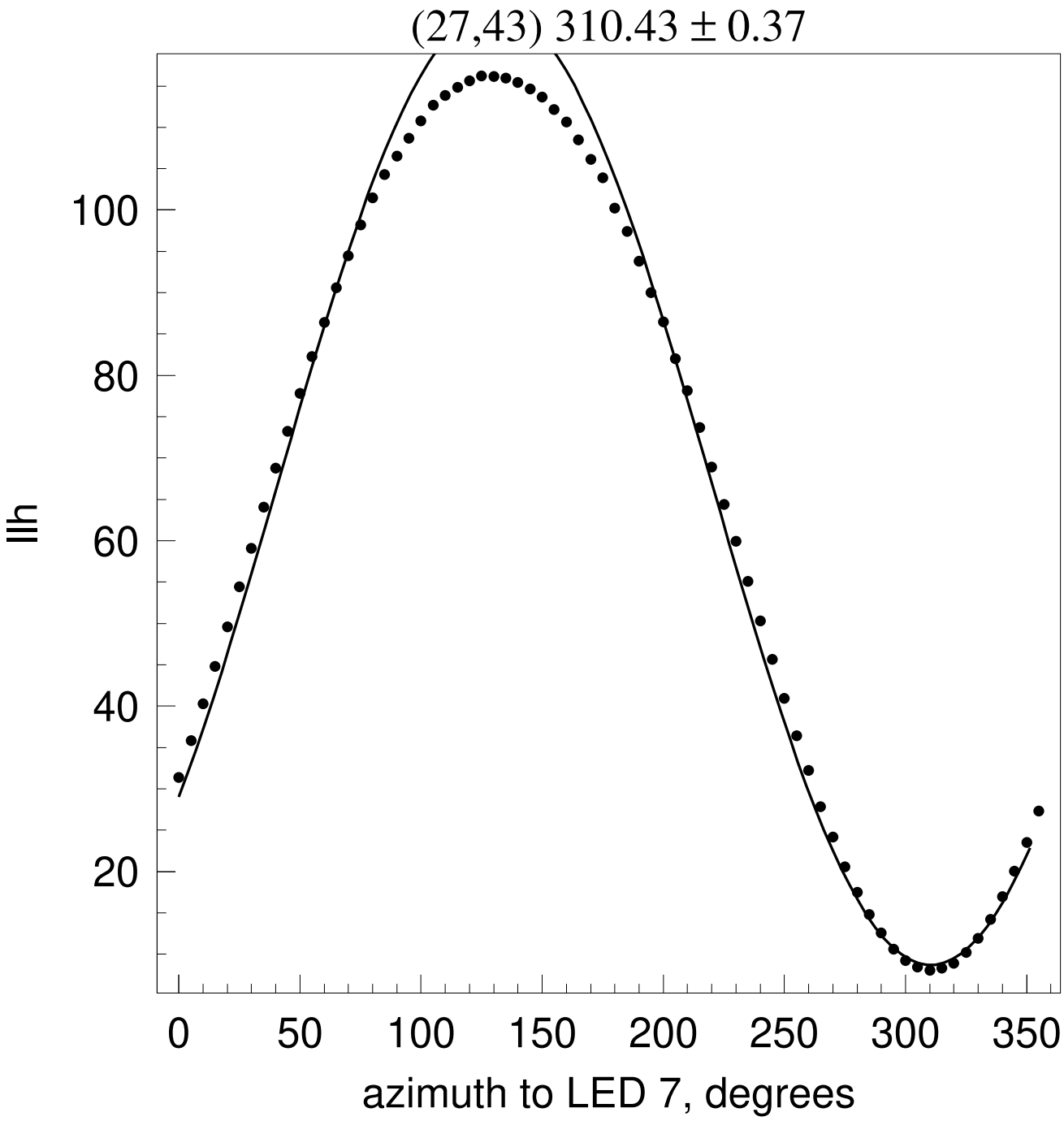

(27,38) 241.02 ± 0.11
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

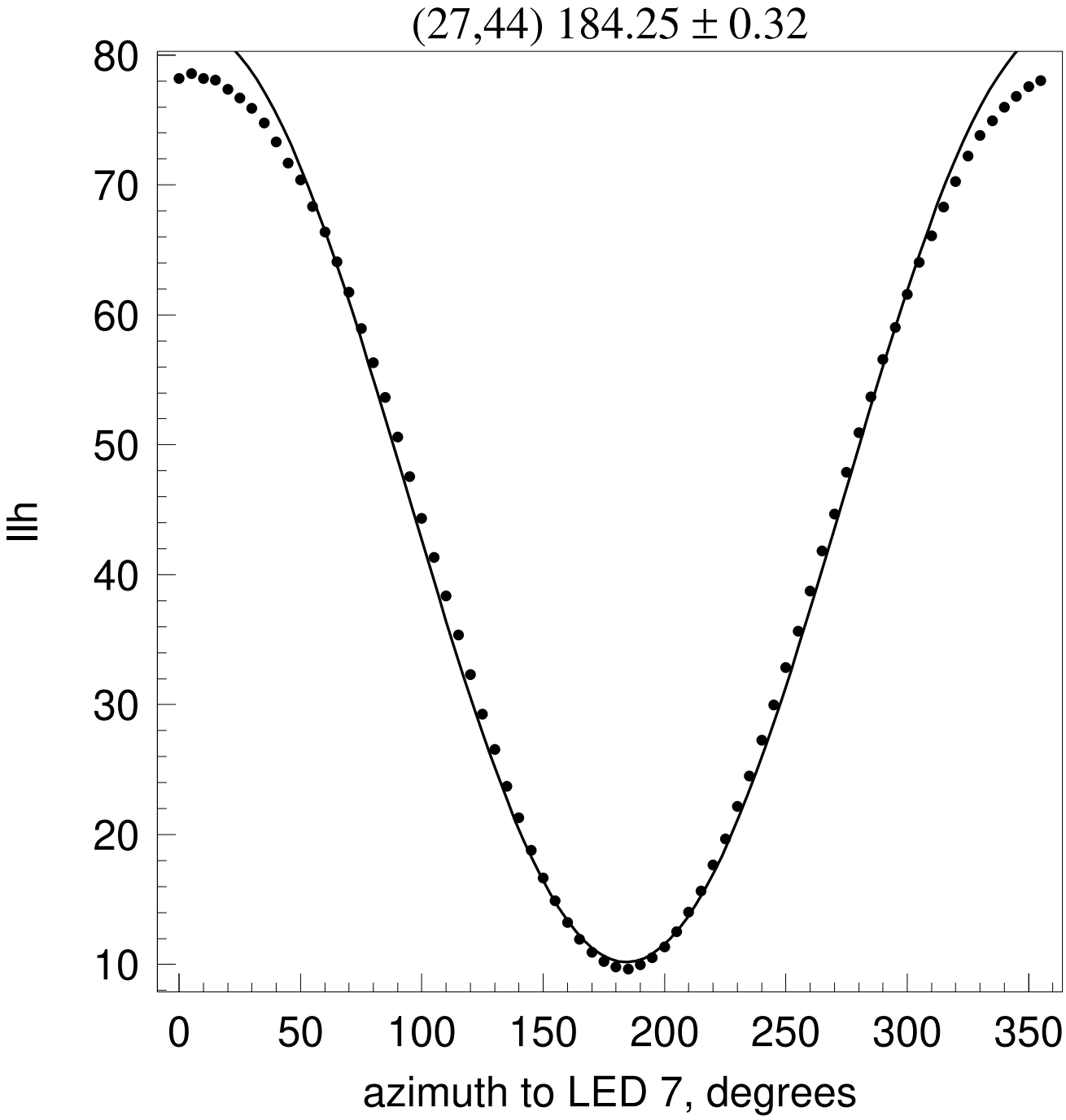

(27,39) 327.17 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

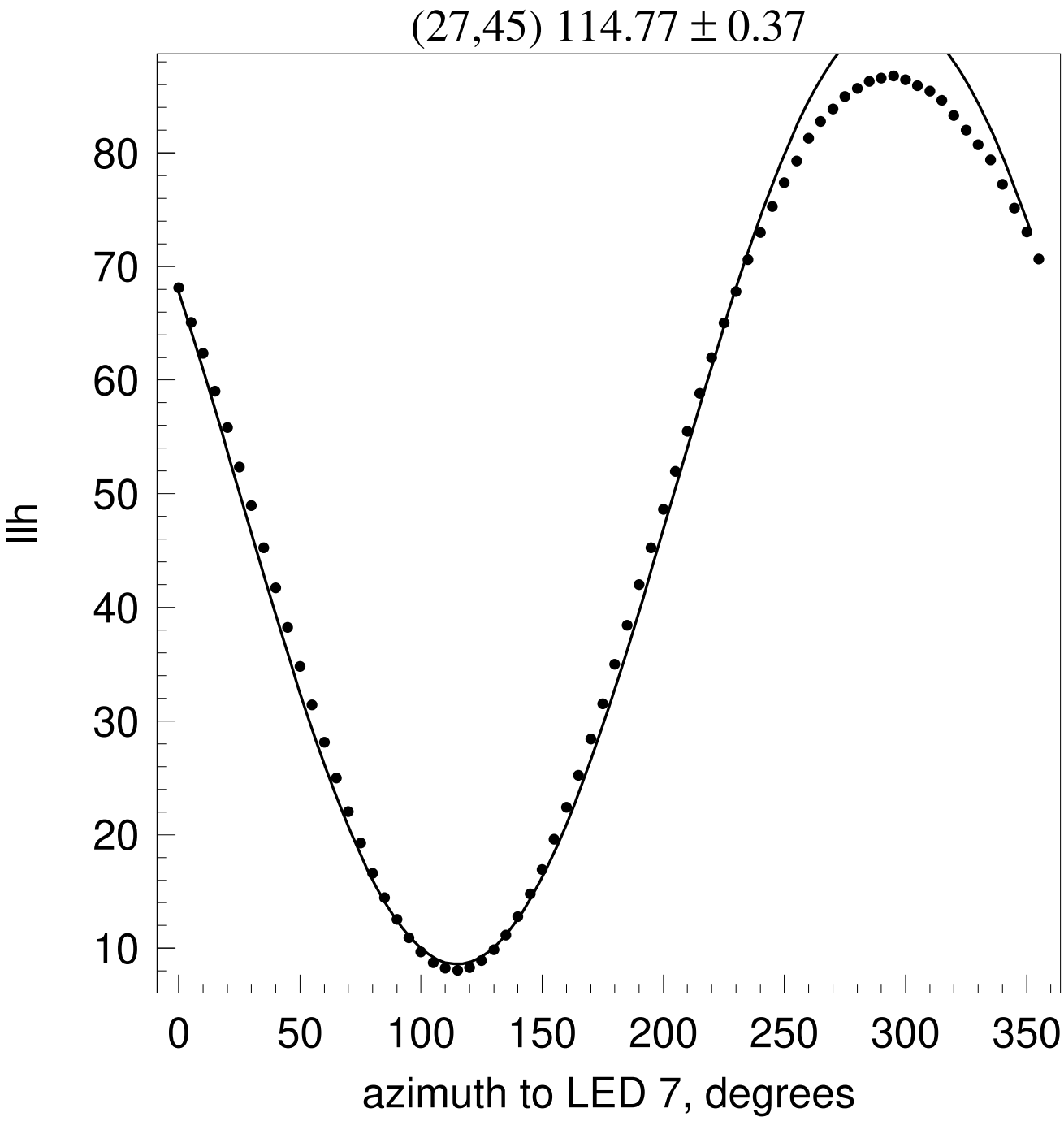

(27,40) 338.19 ± 0.35
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

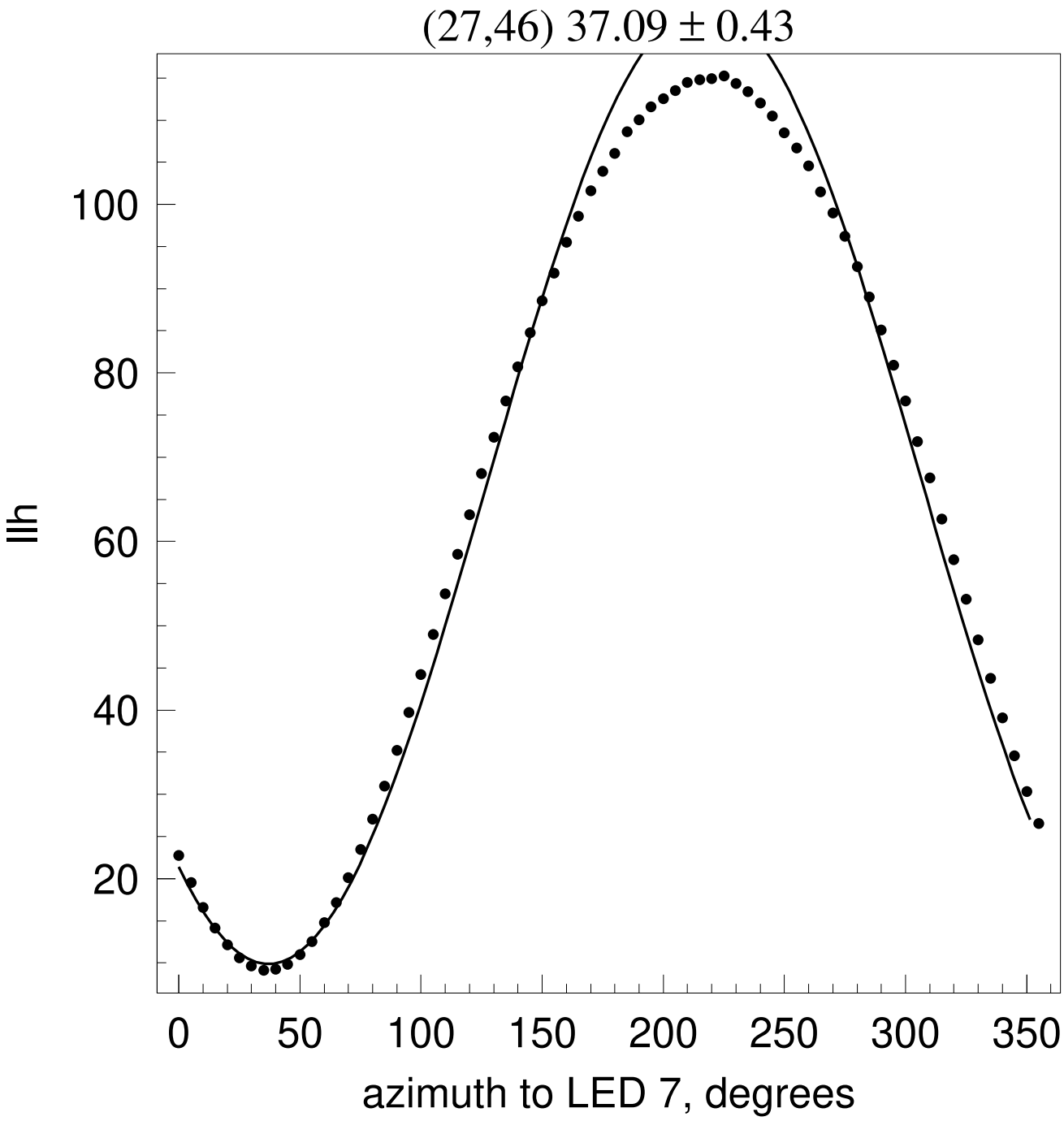

(27,41) 121.46 ± 0.39
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

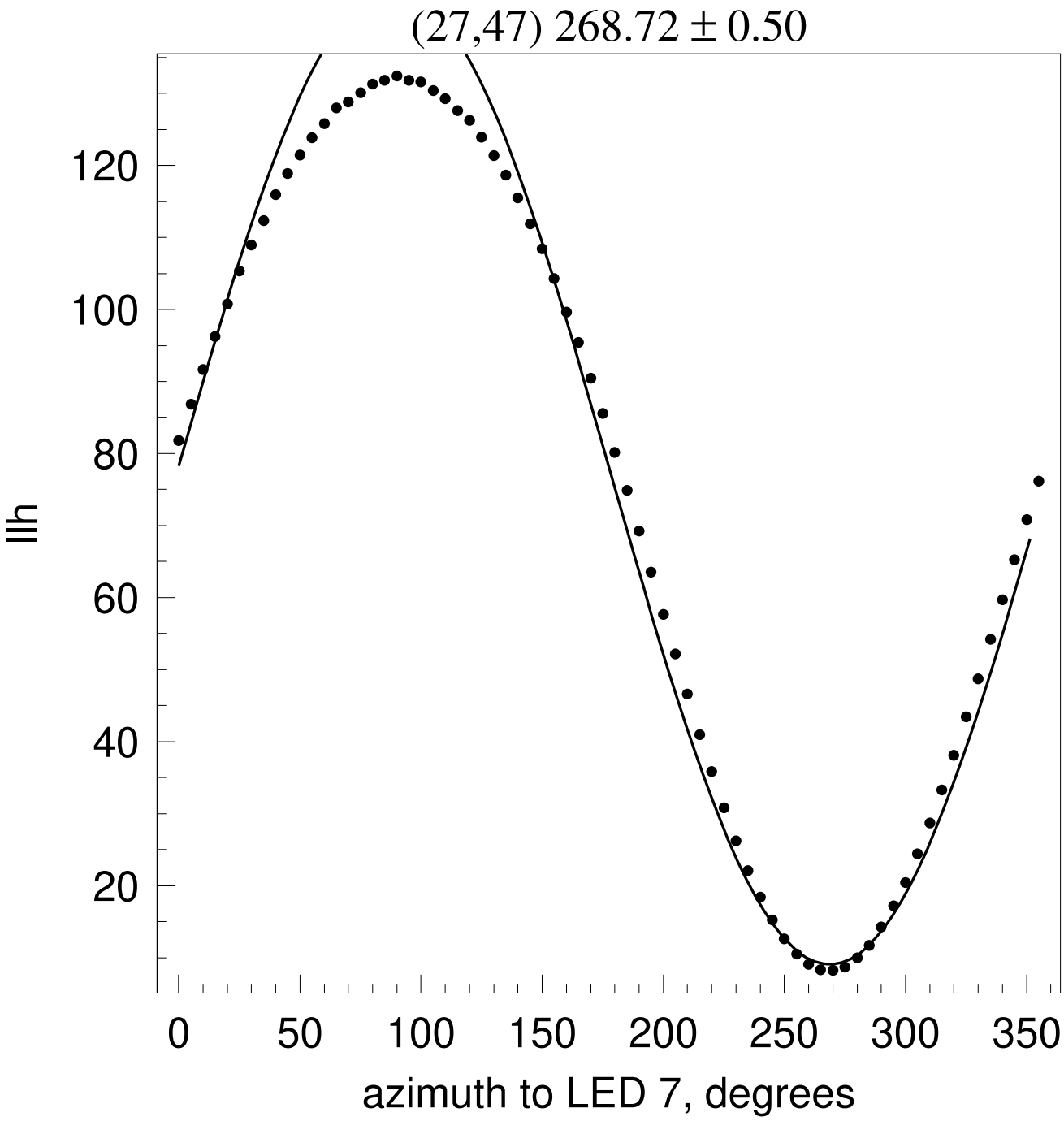

(27,42) 149.94 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

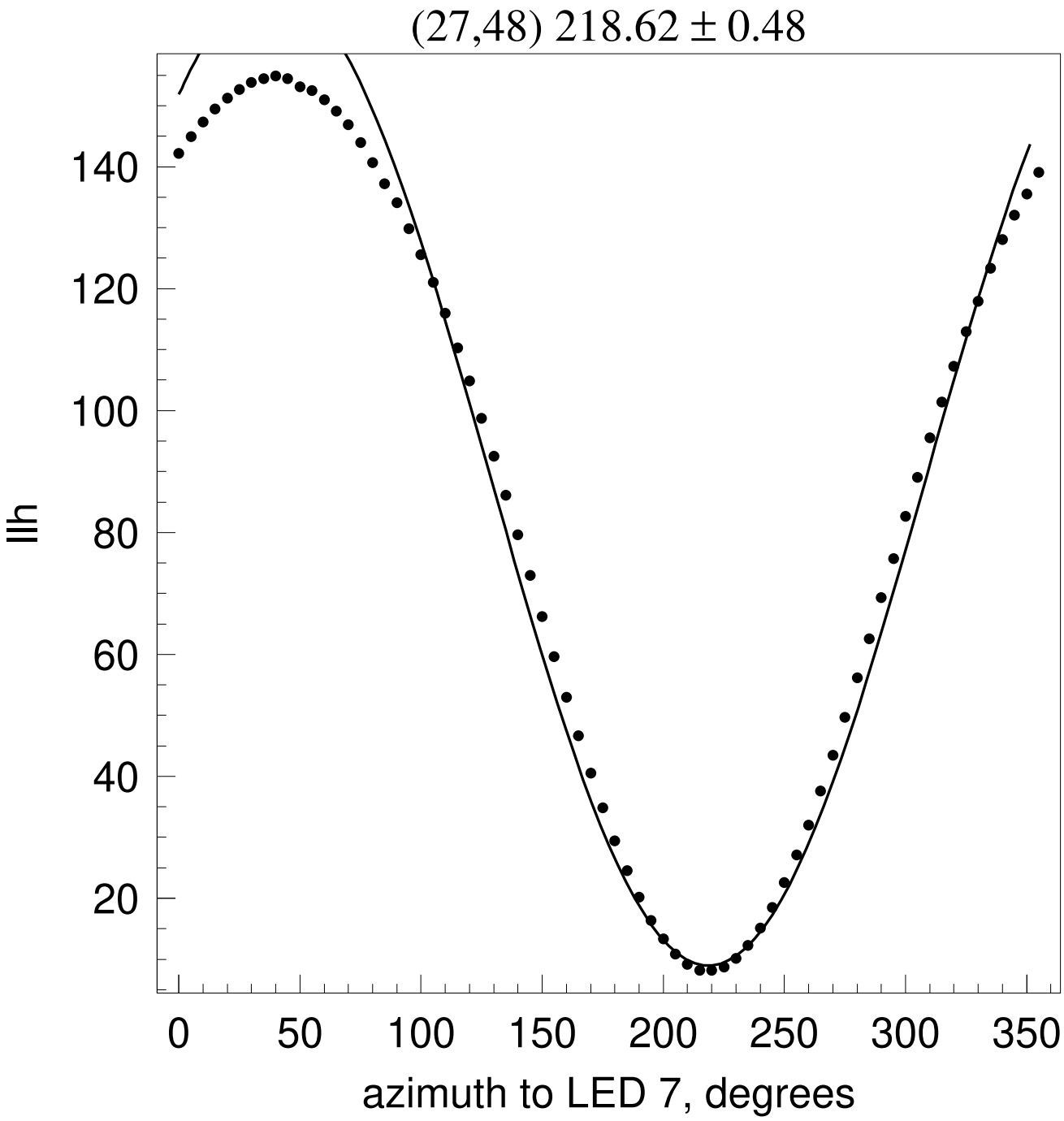

(27,43) 310.43 ± 0.37
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

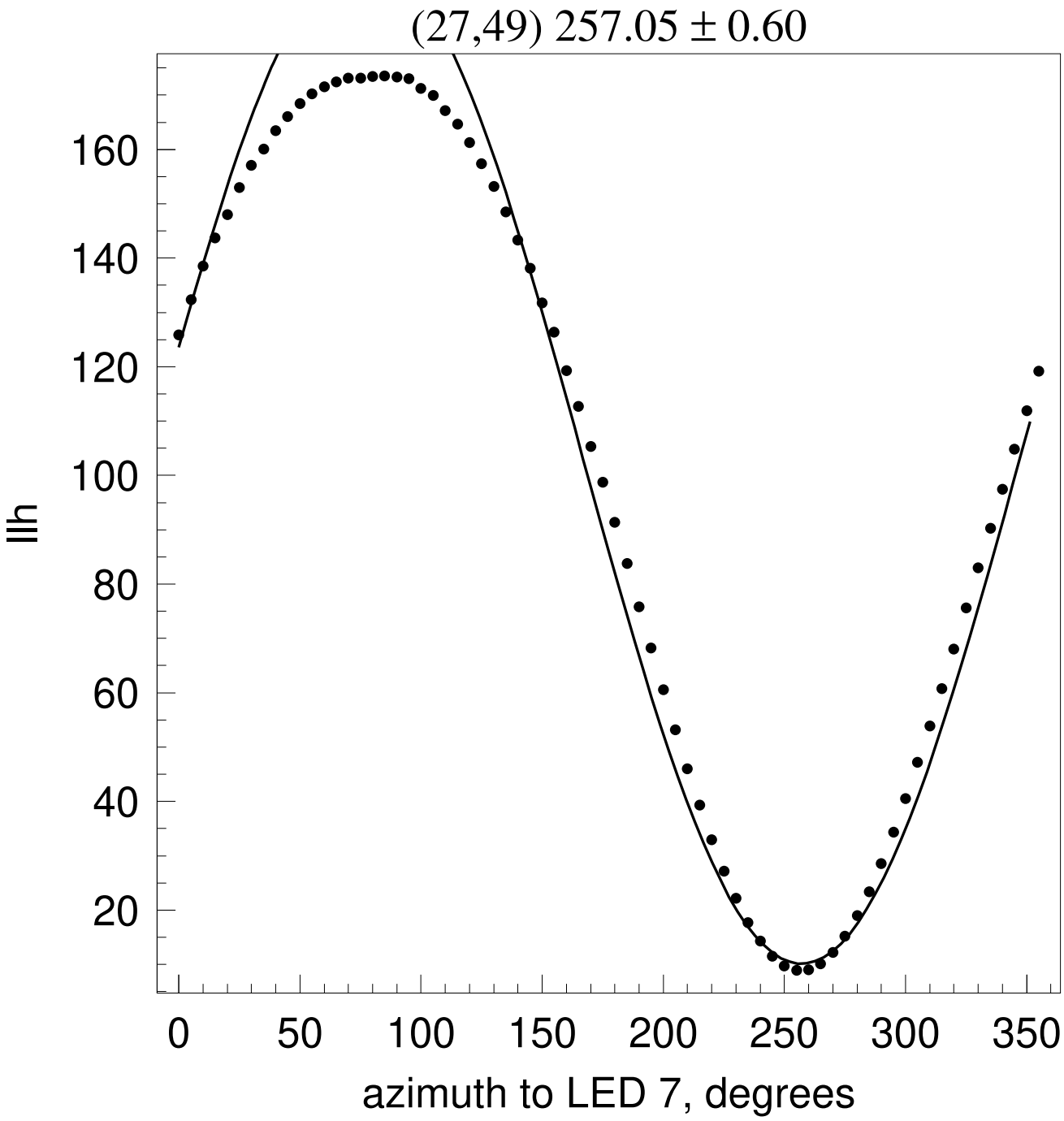

(27,44) 184.25 ± 0.32
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

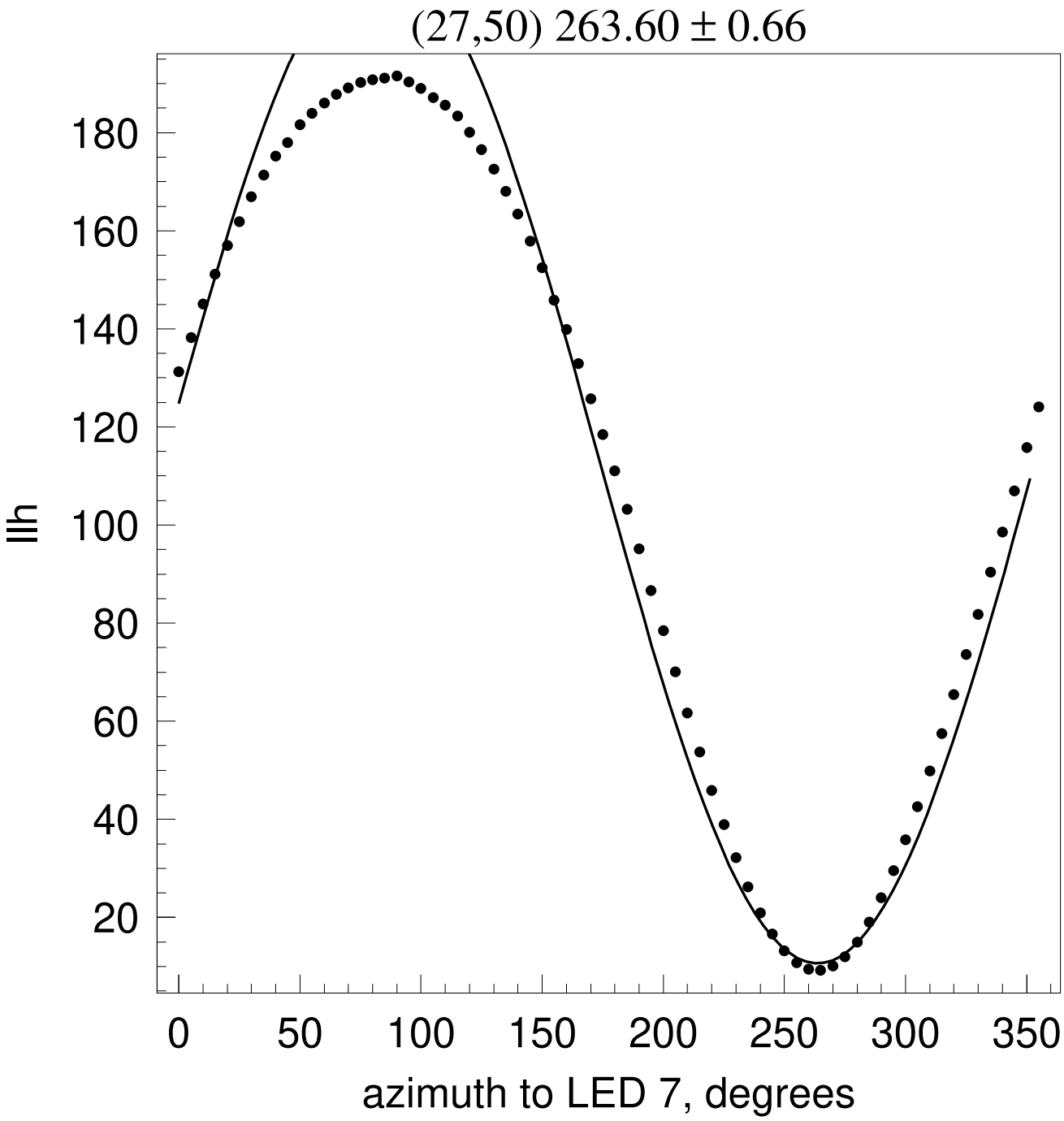

(27,45) 114.77 ± 0.37
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

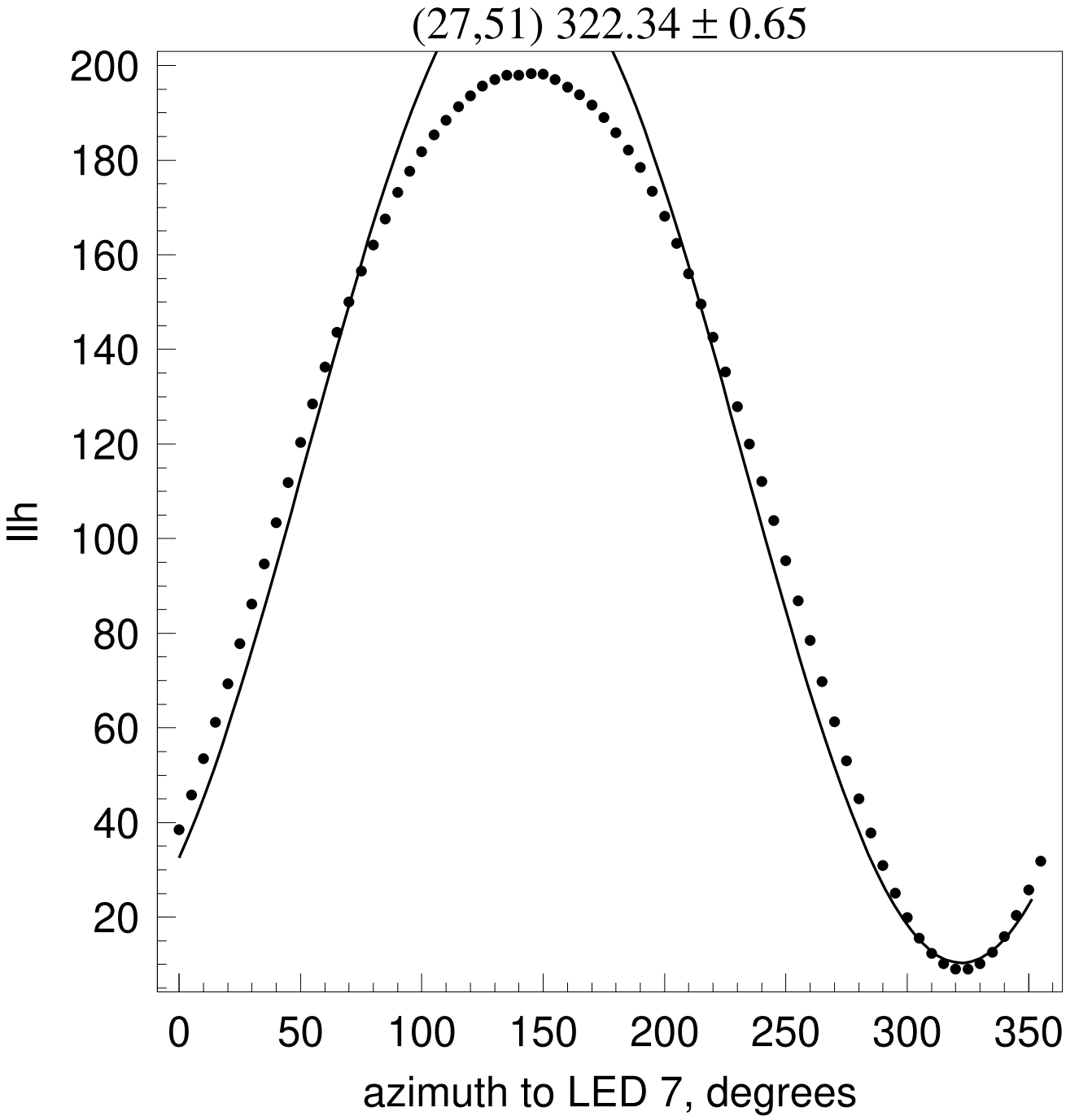

(27,46) 37.09 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

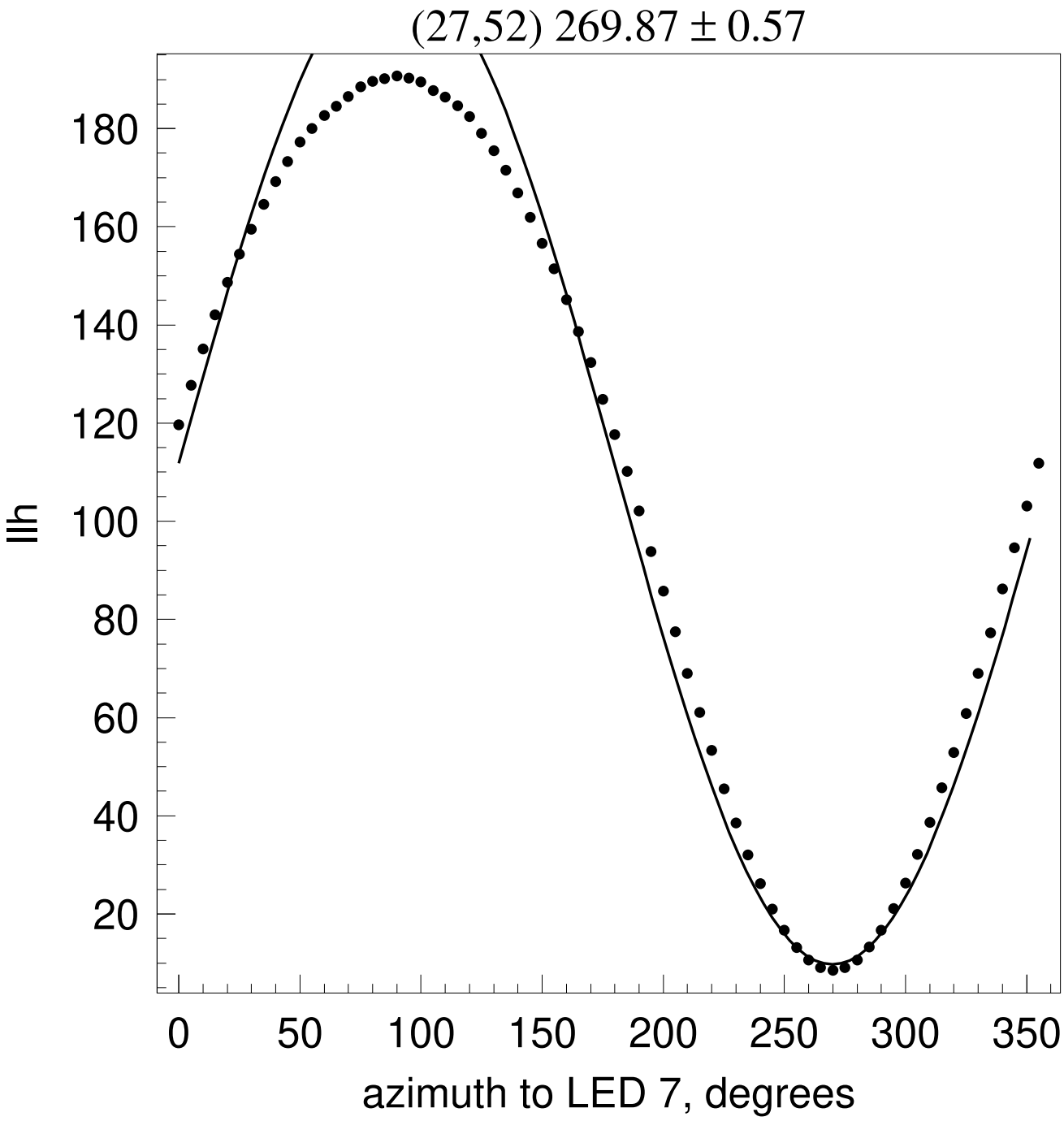

(27,47) 268.72 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

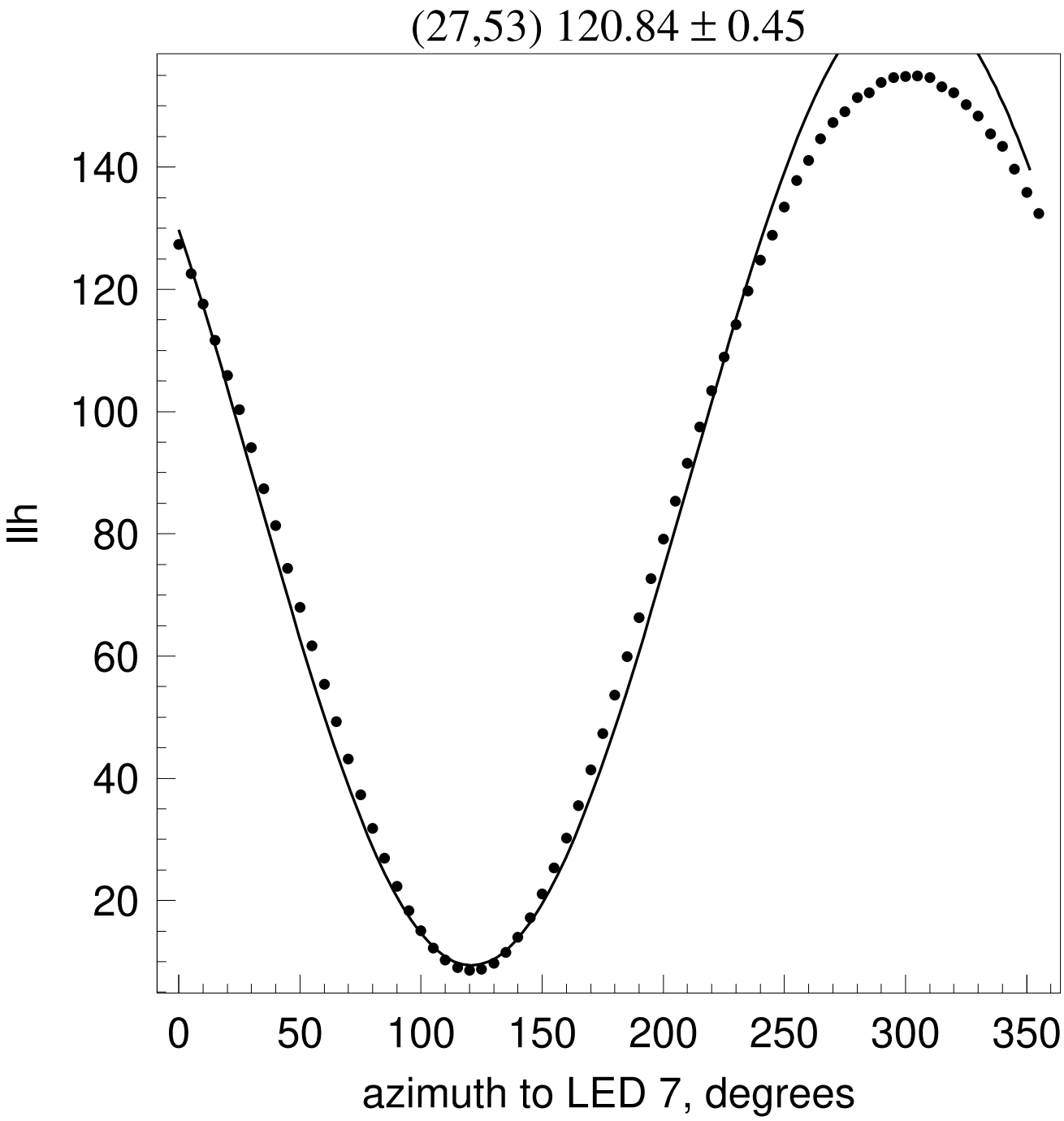

(27,48) 218.62 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

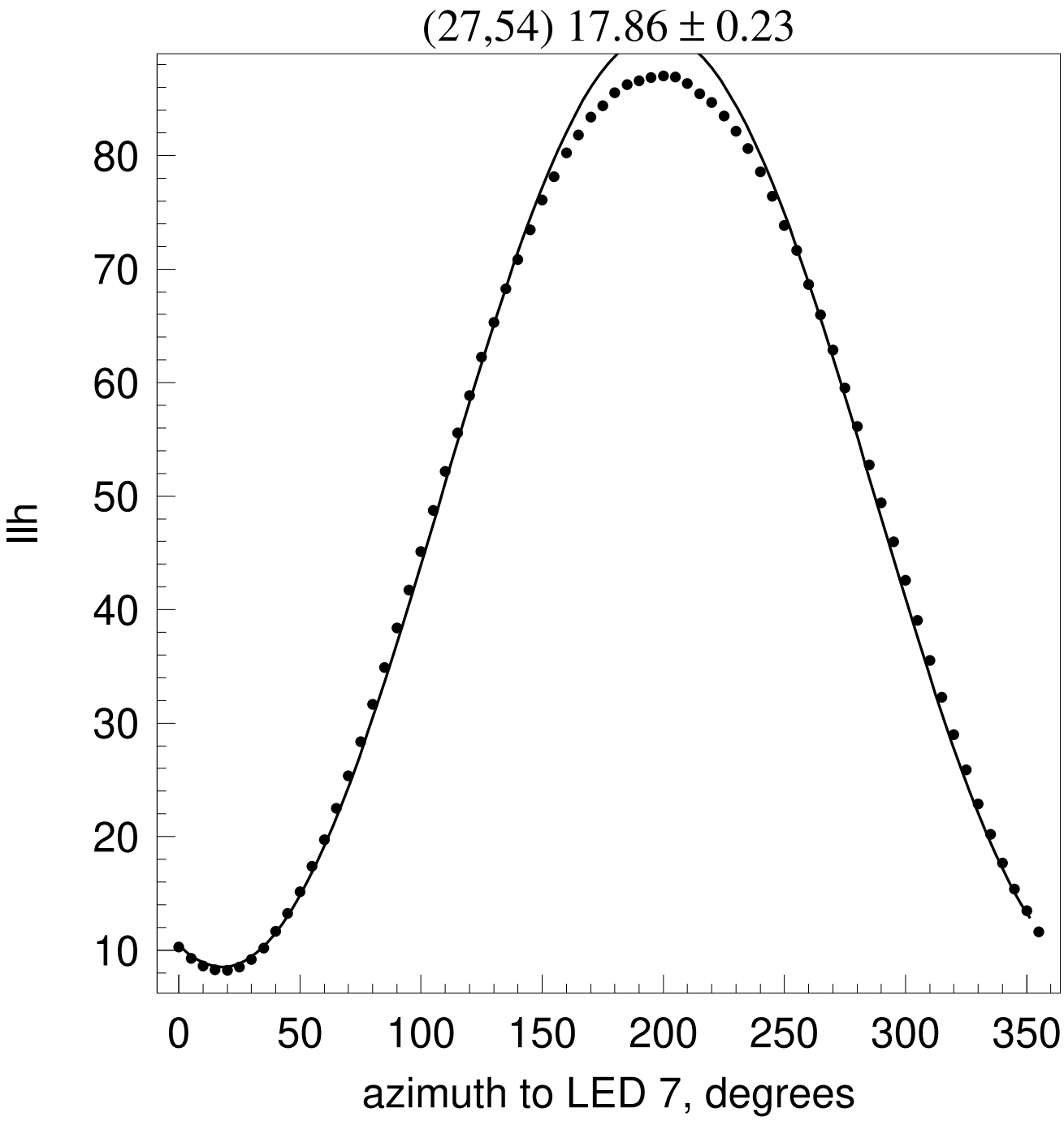

(27,49) 257.05 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

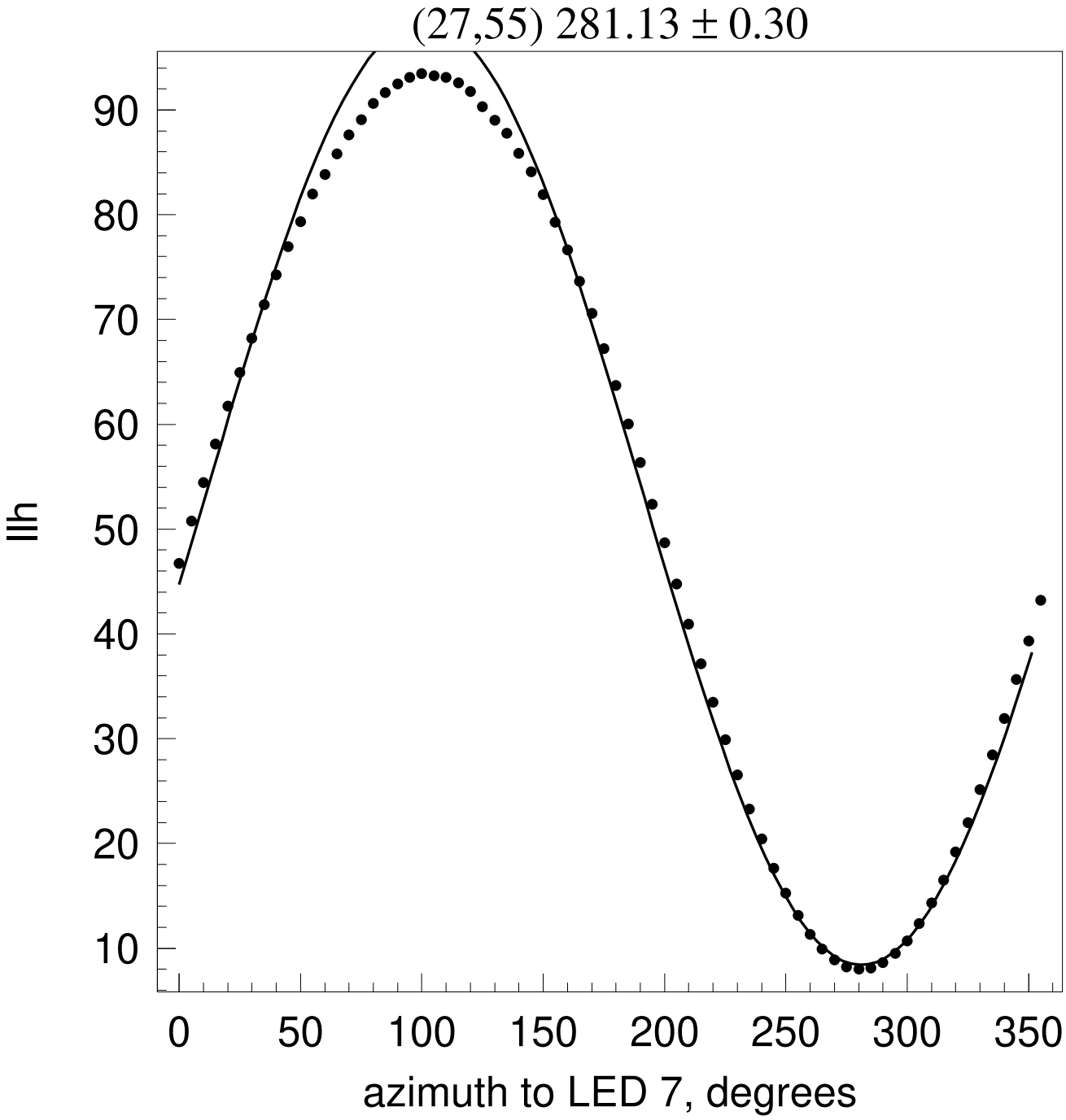

(27,50) 263.60 ± 0.66
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

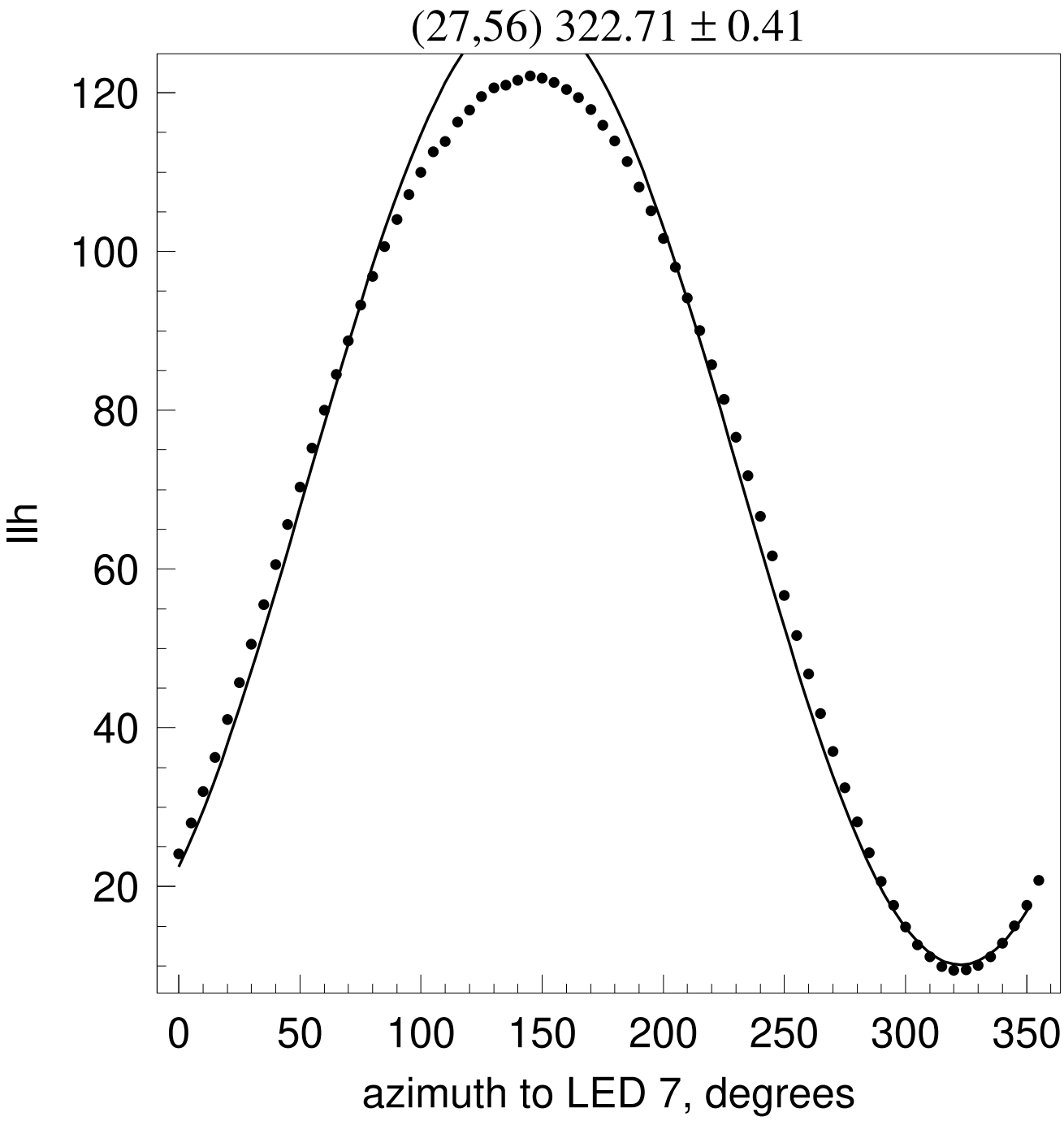

(27,51) 322.34 ± 0.65
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

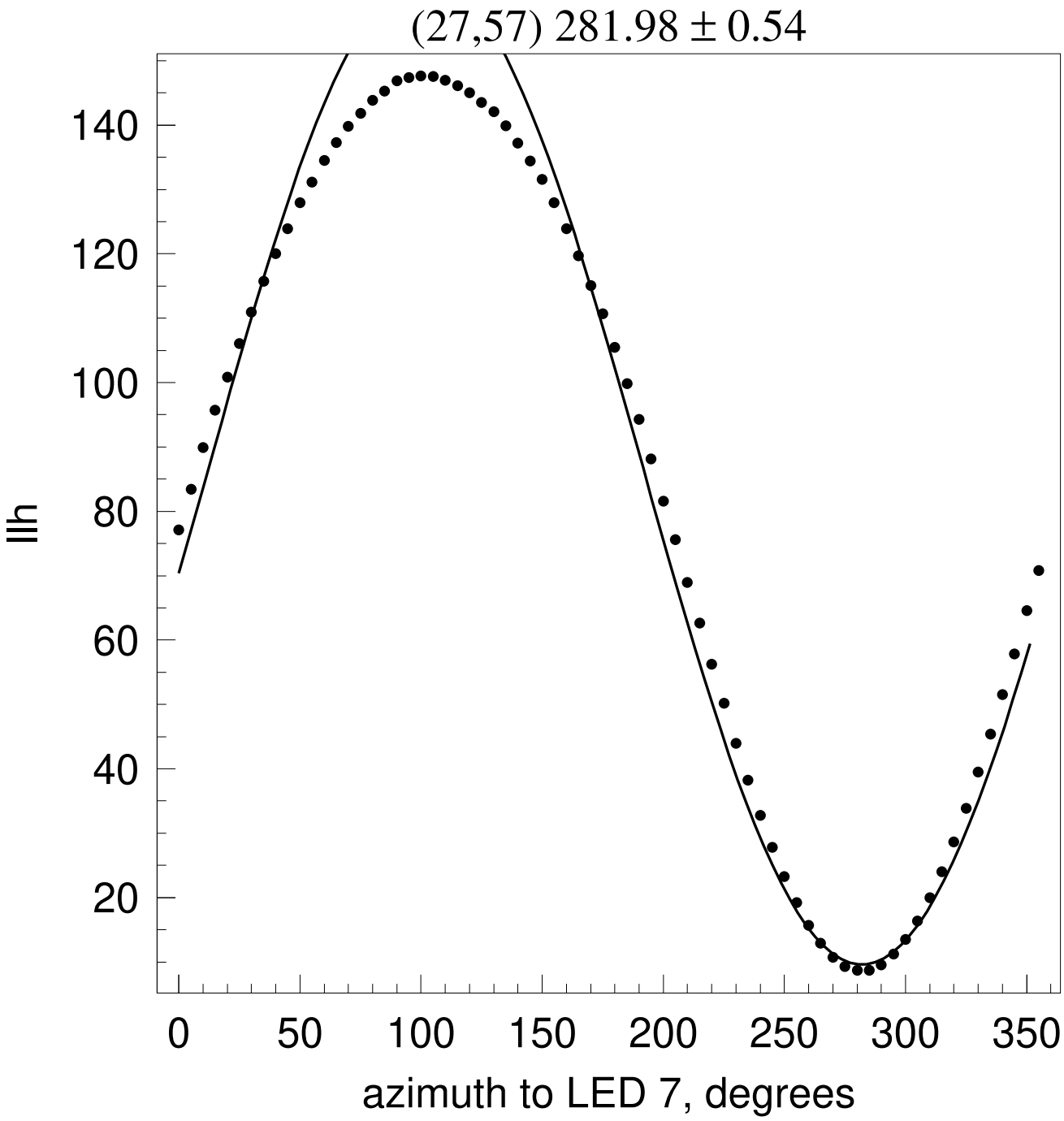

(27,52) 269.87 ± 0.57
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

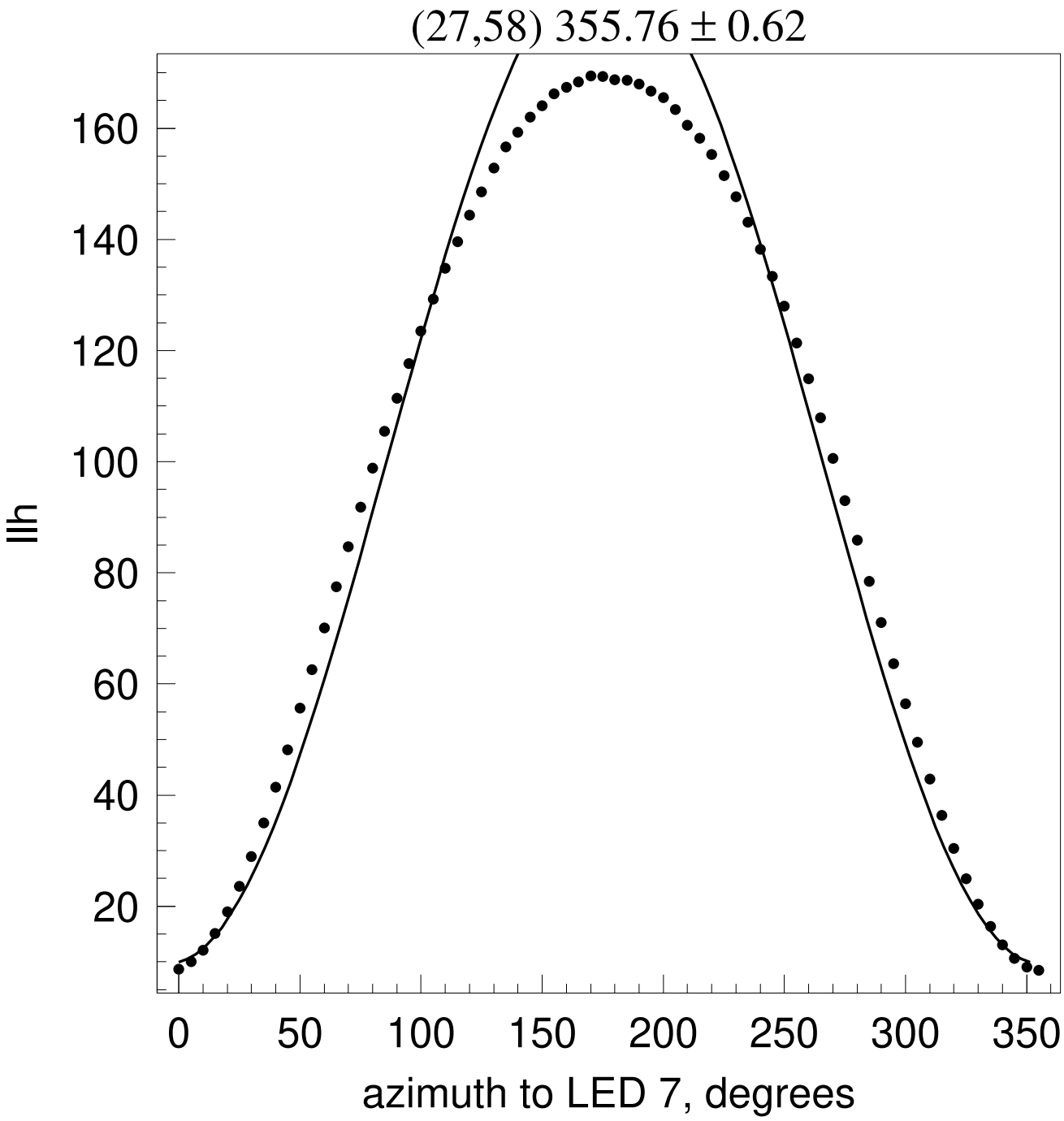

(27,53) 120.84 ± 0.45
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

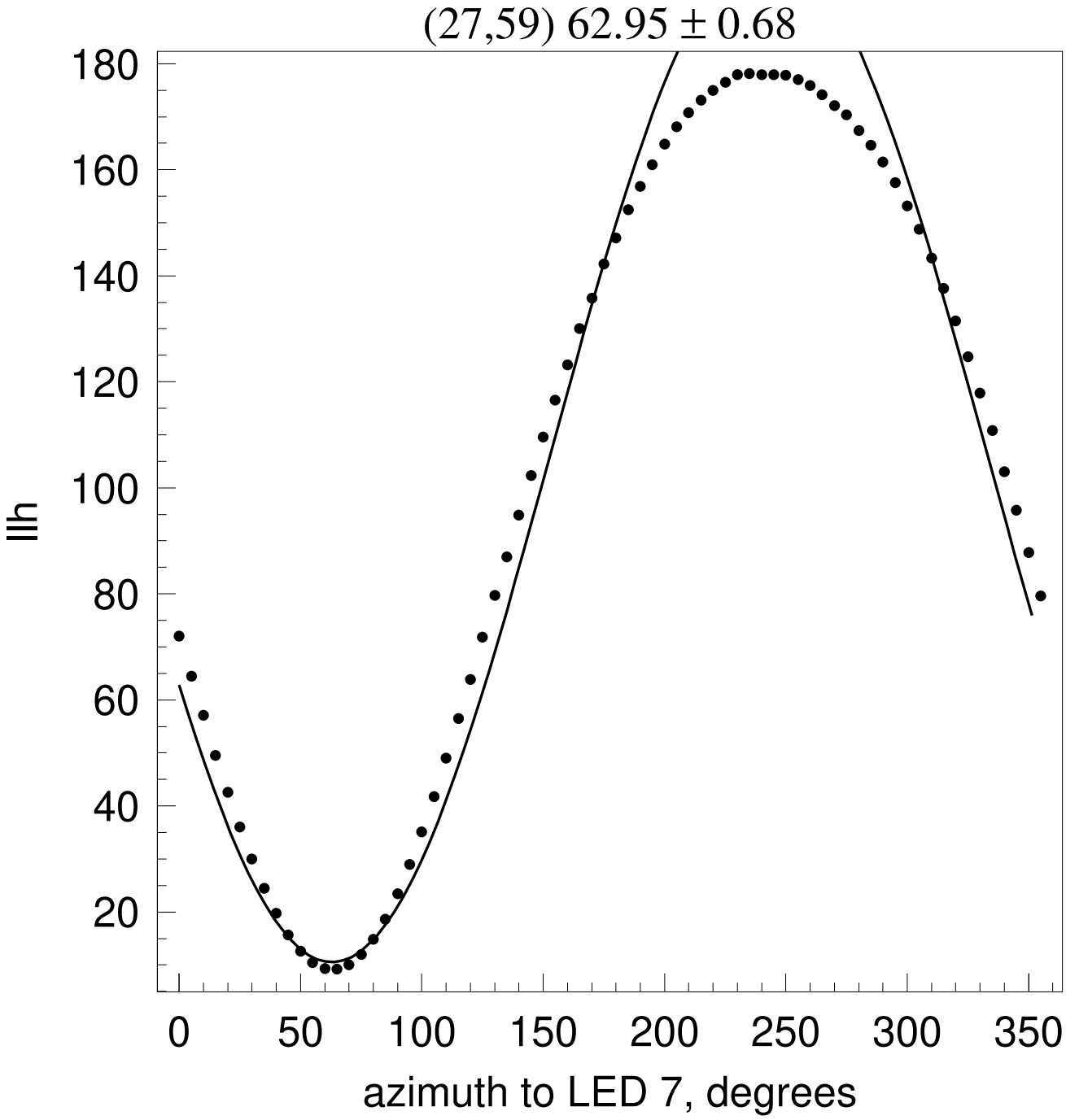

(27,54) 17.86 ± 0.23
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

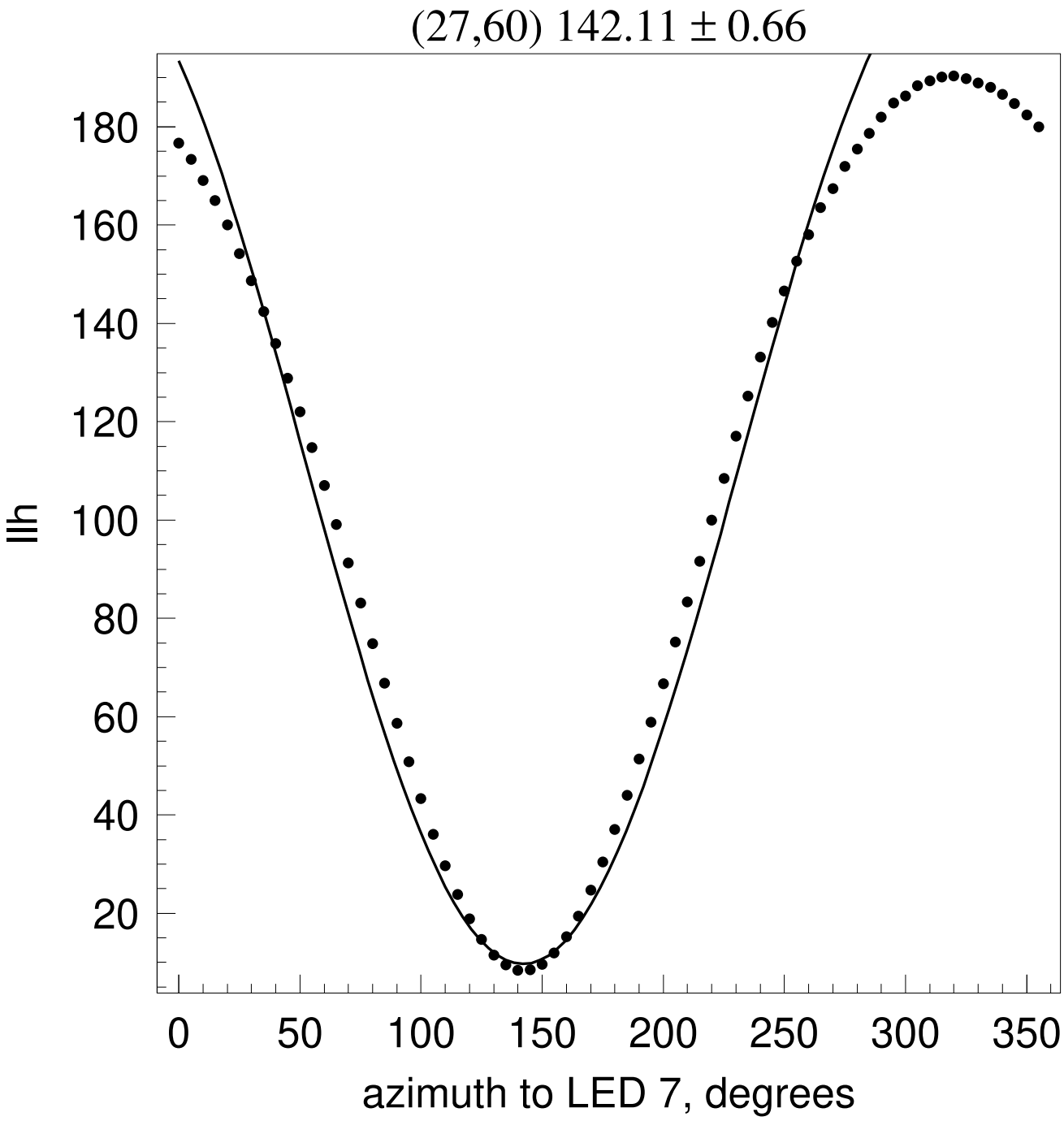

(27,55) 281.13 ± 0.30
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

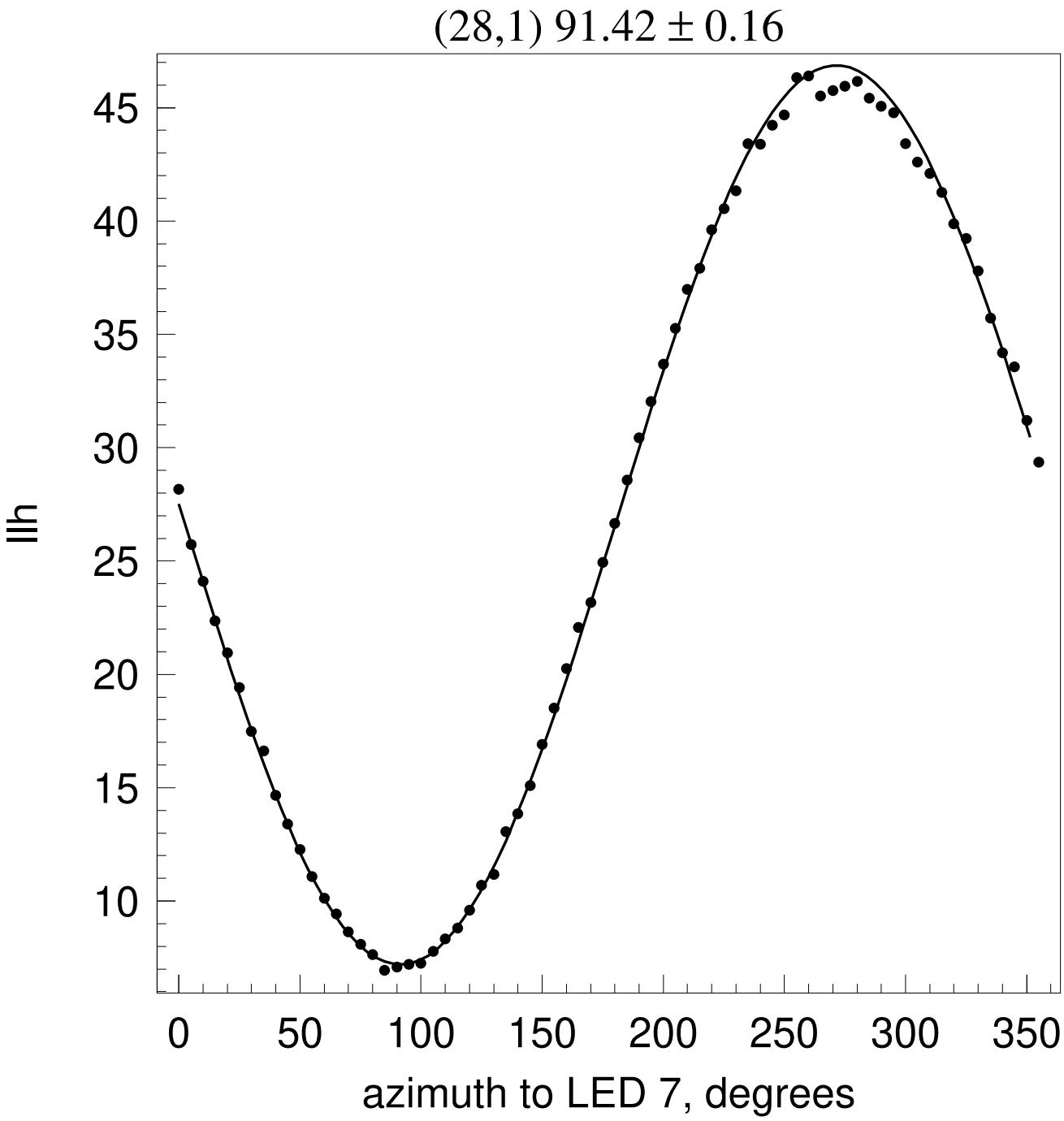

(27,56) 322.71 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

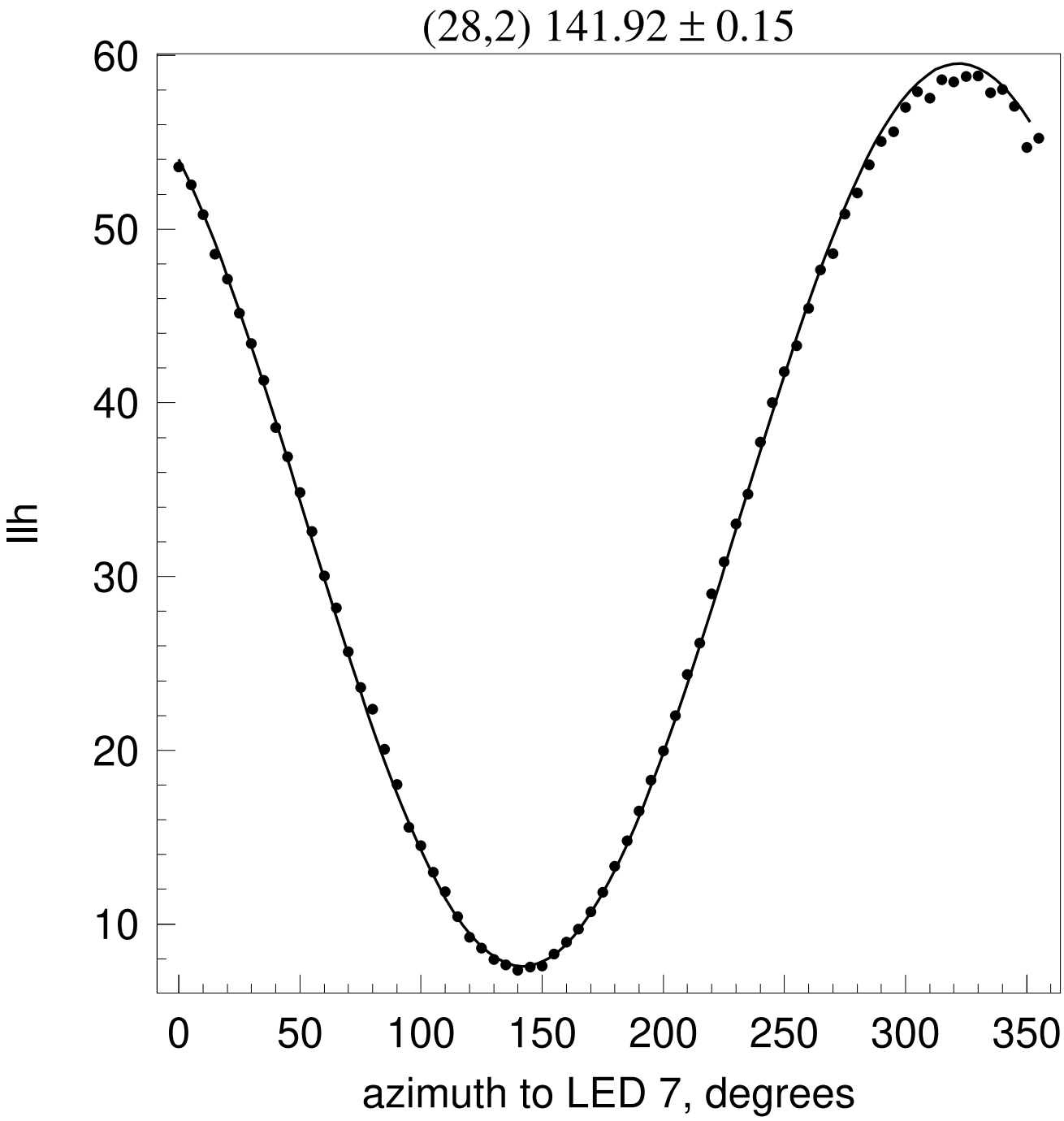

(27,57) 281.98 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

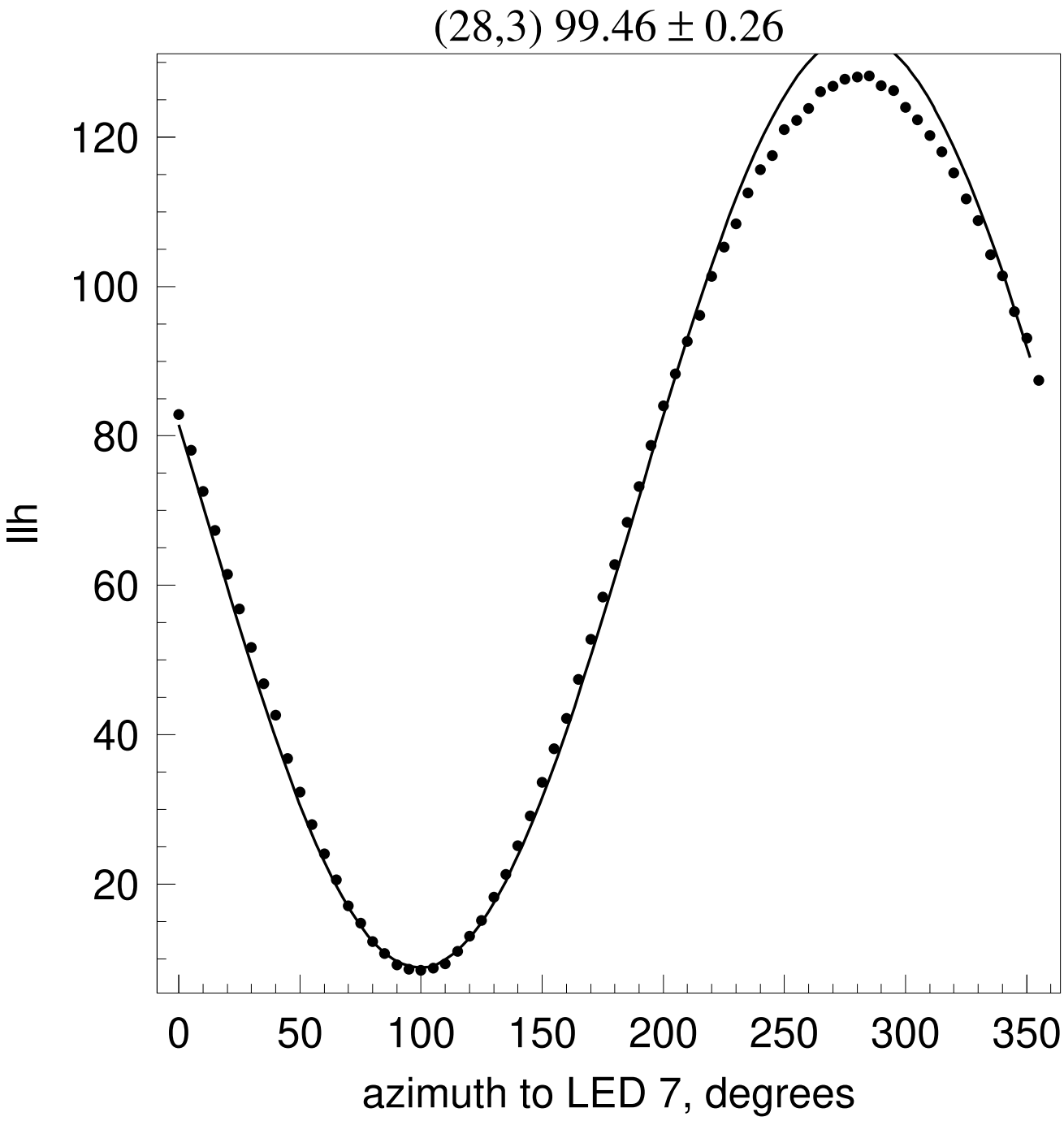

(27,58) 355.76 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

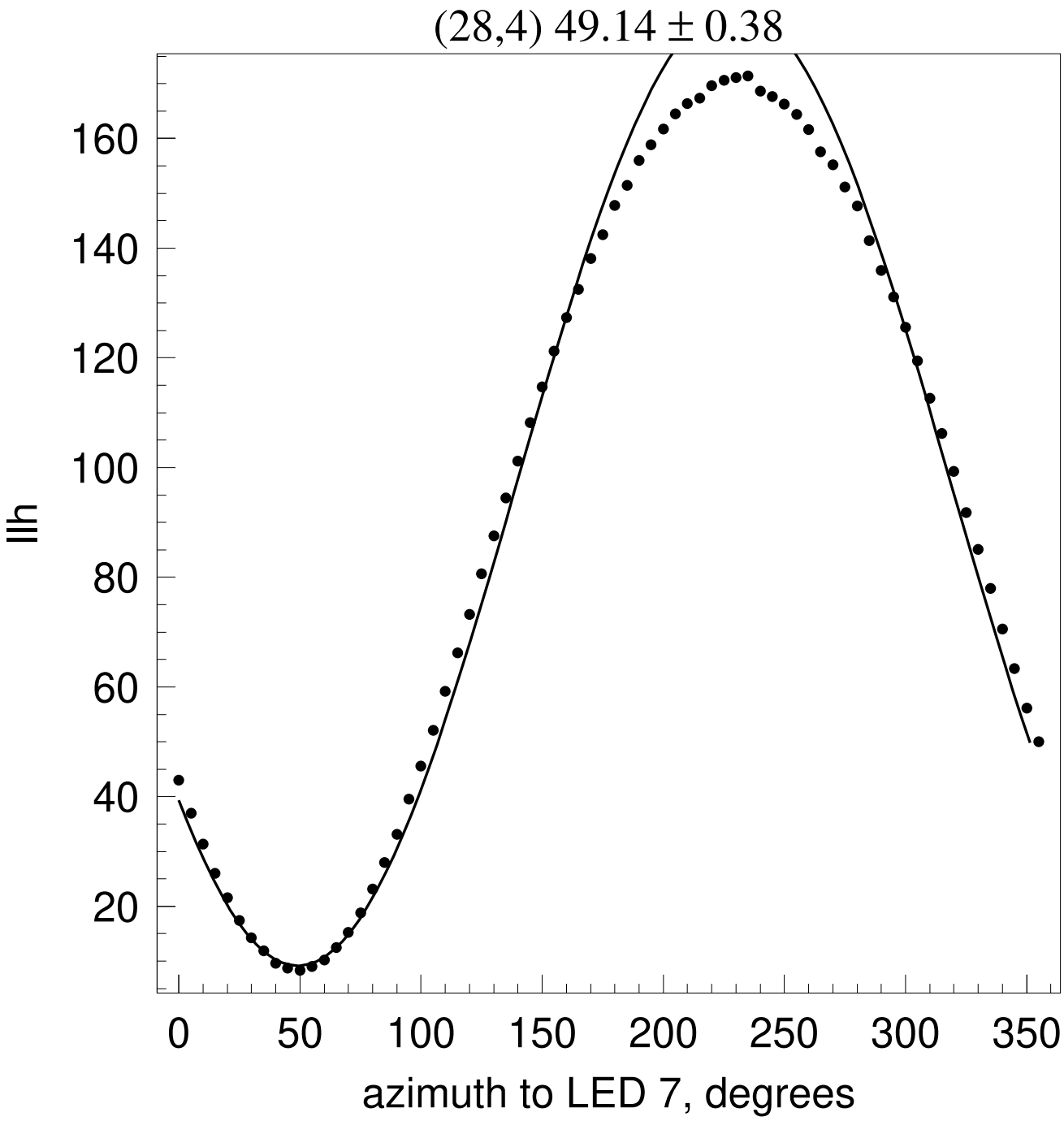

(27,59) 62.95 ± 0.68
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

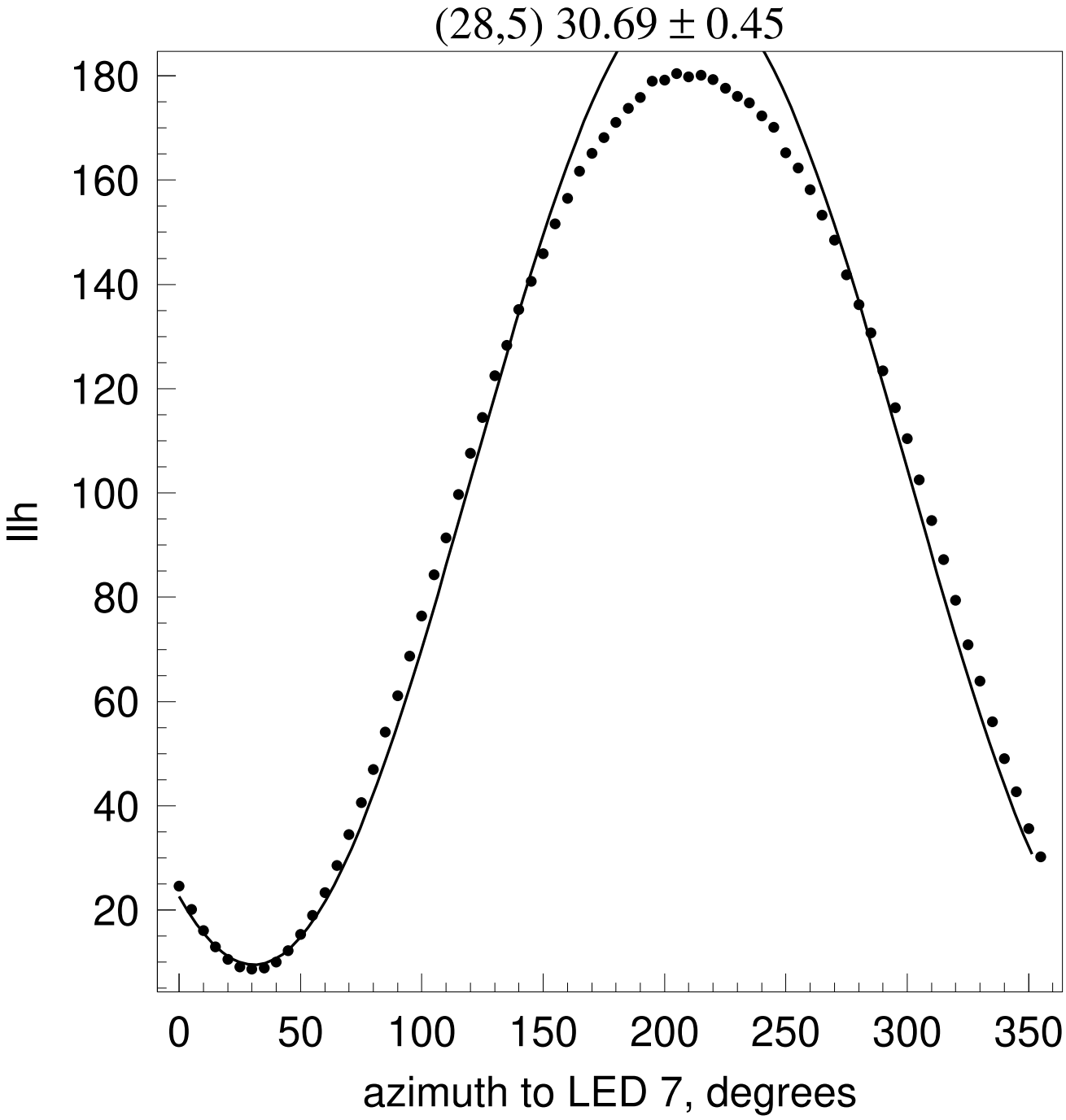

(27,60) 142.11 ± 0.66
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

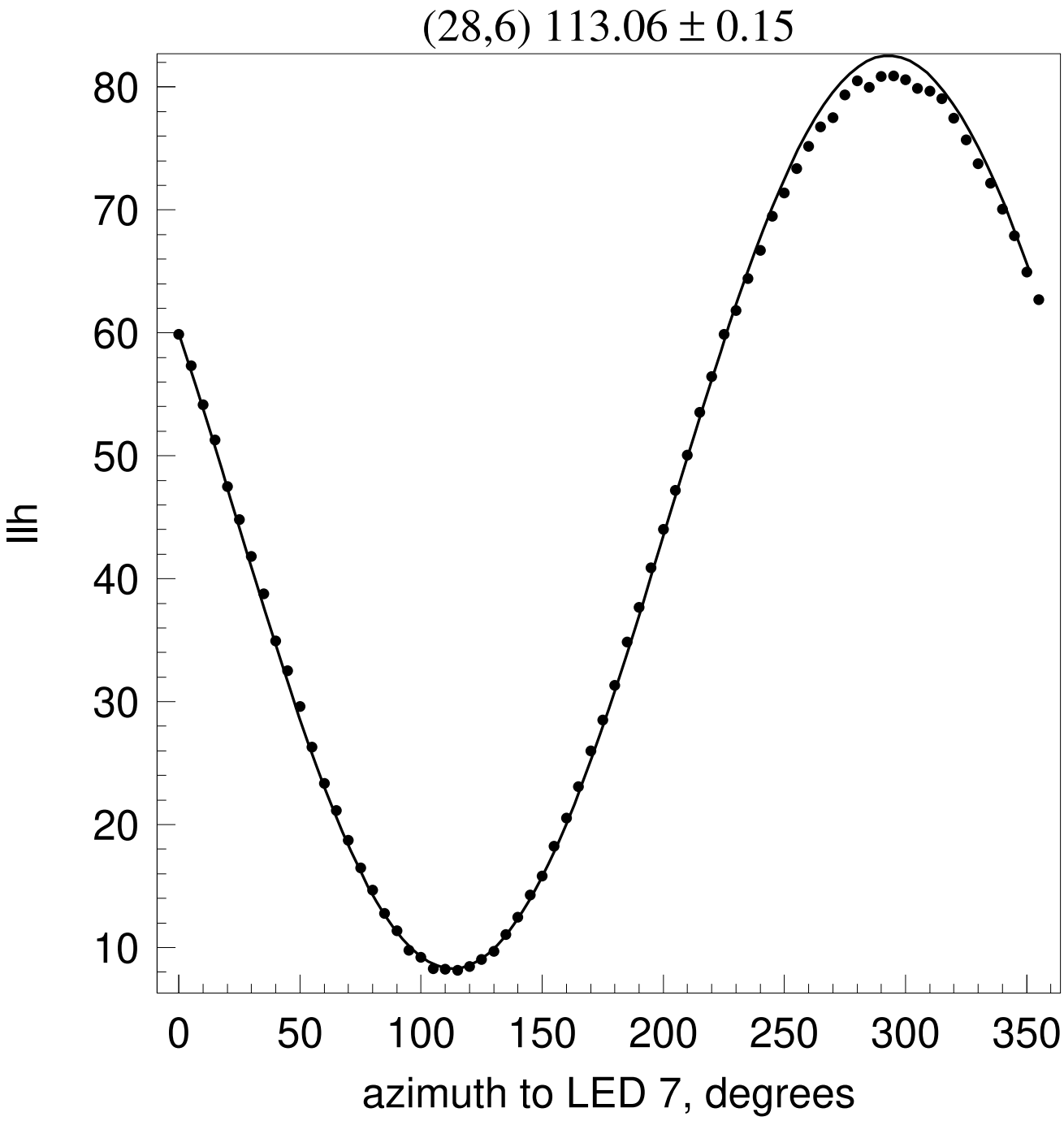

(28,1) 91.42 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

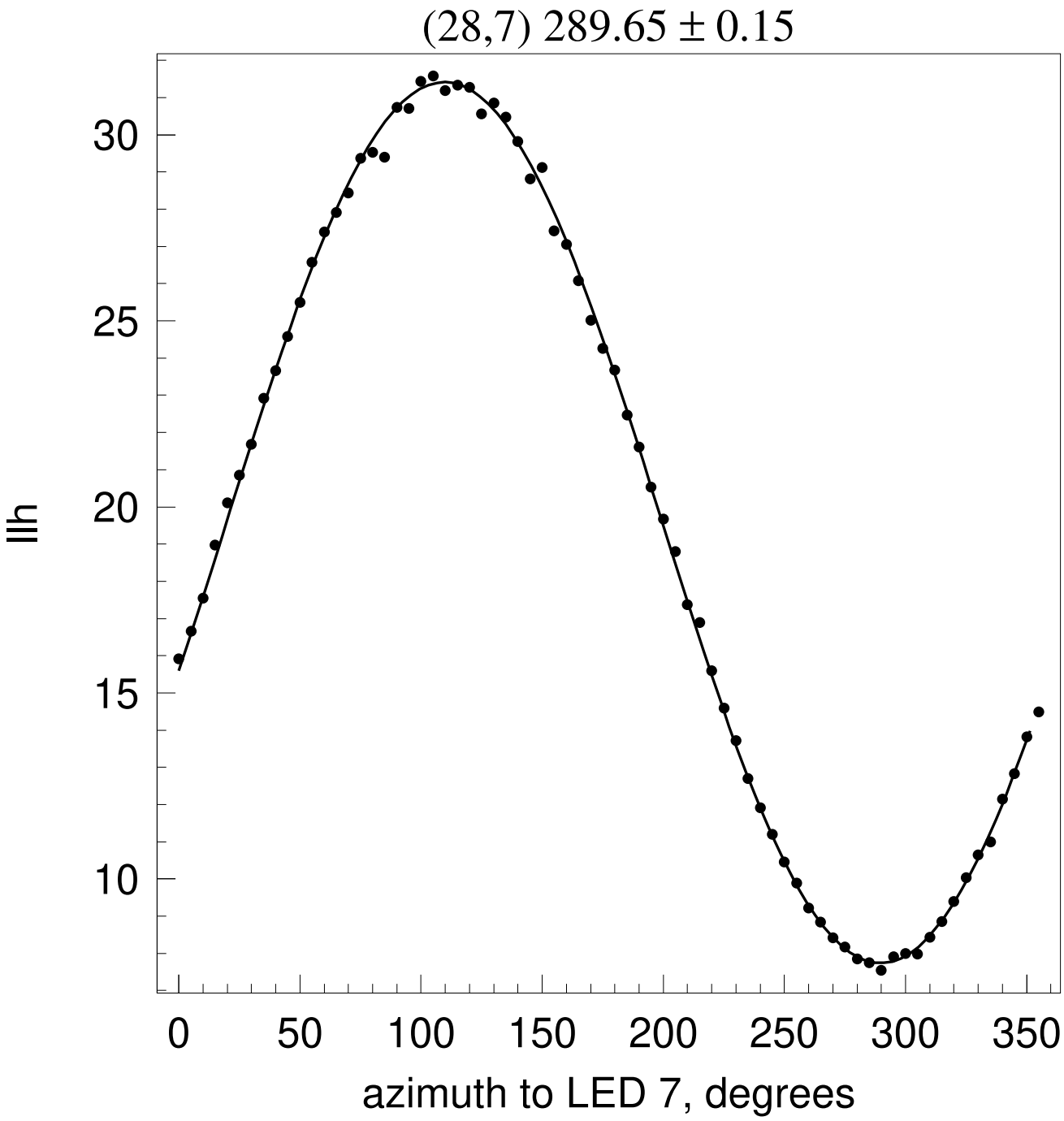

(28,2) 141.92 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

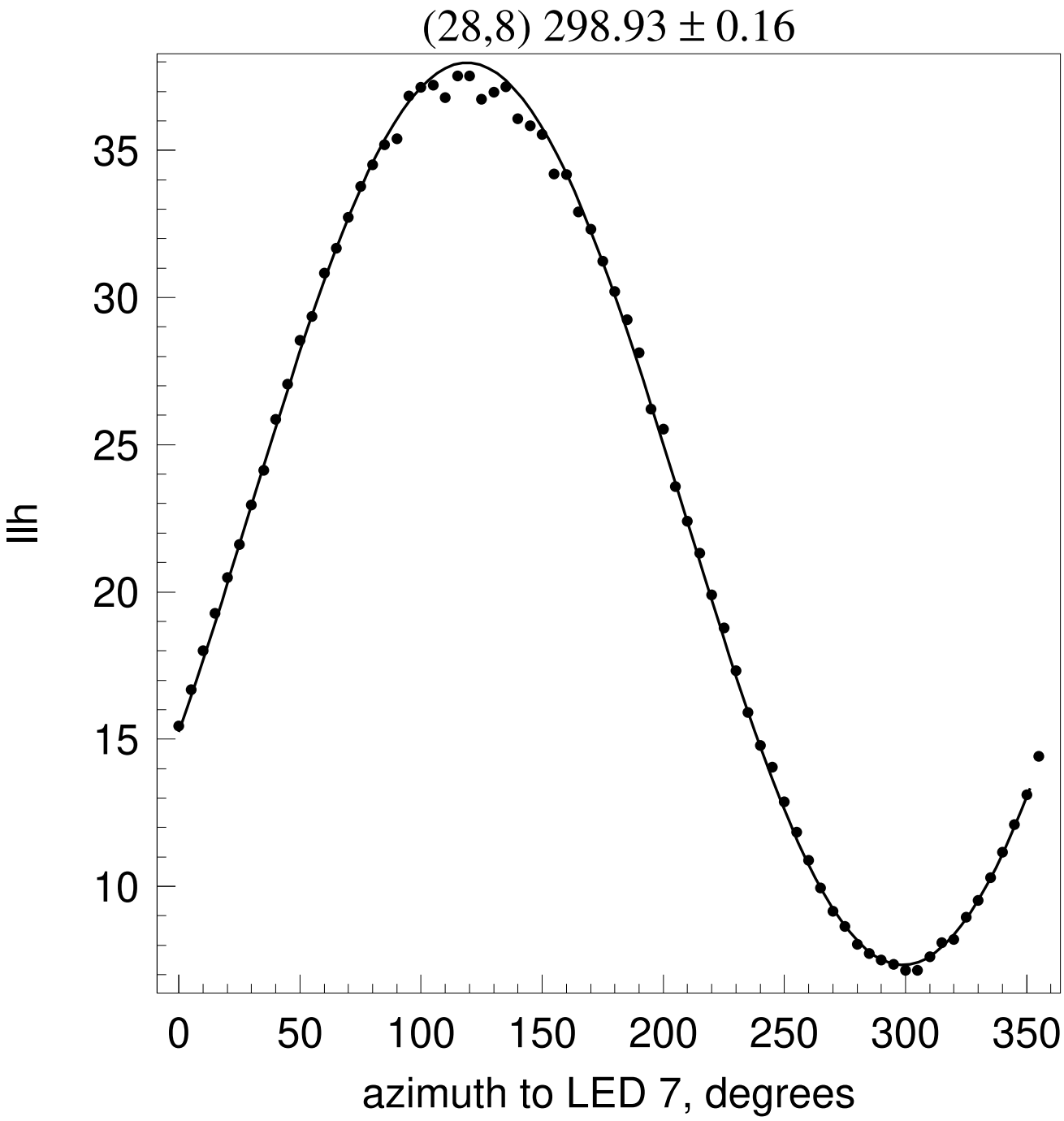

(28,3) 99.46 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

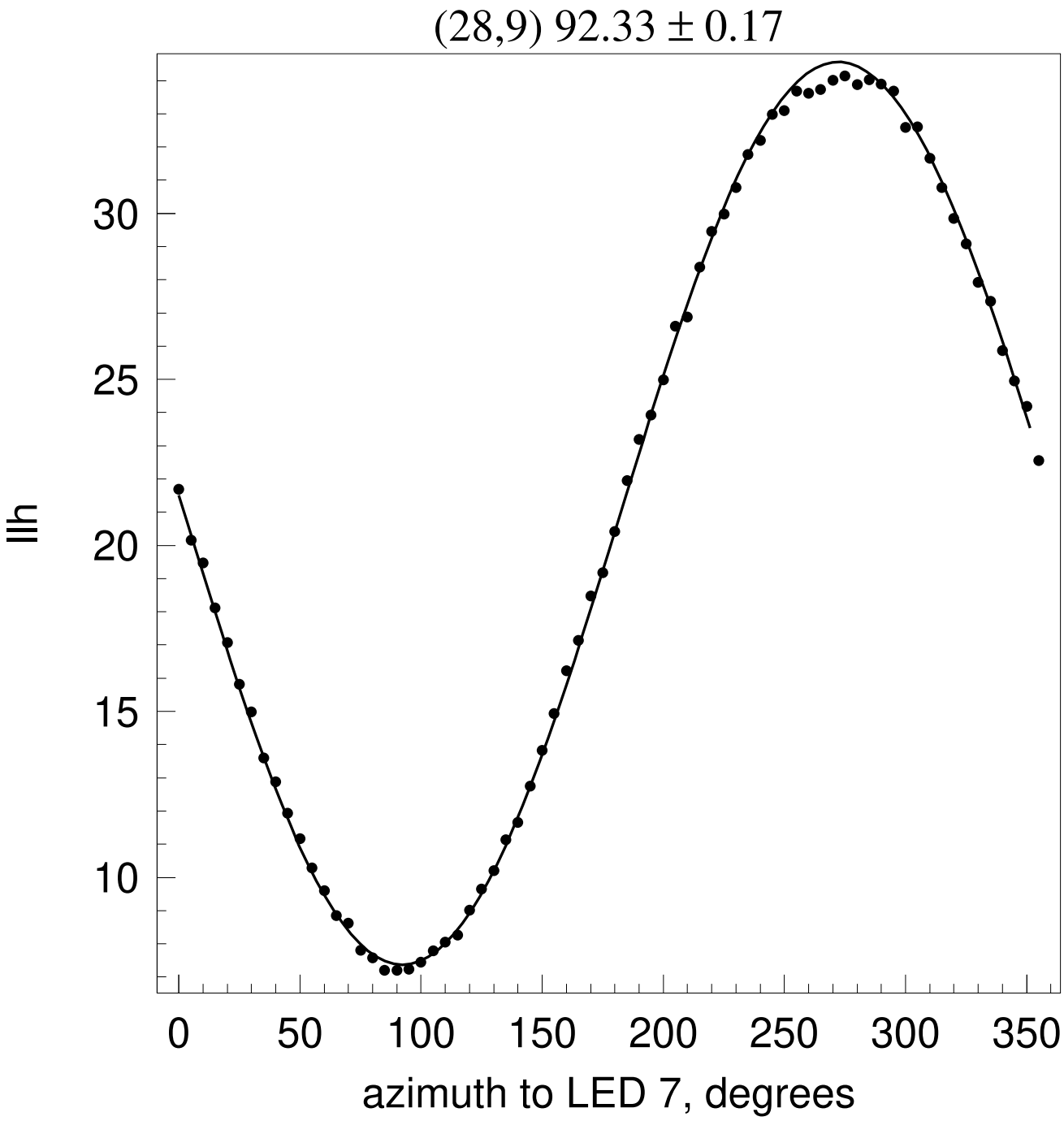

(28,4) 49.14 ± 0.38
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

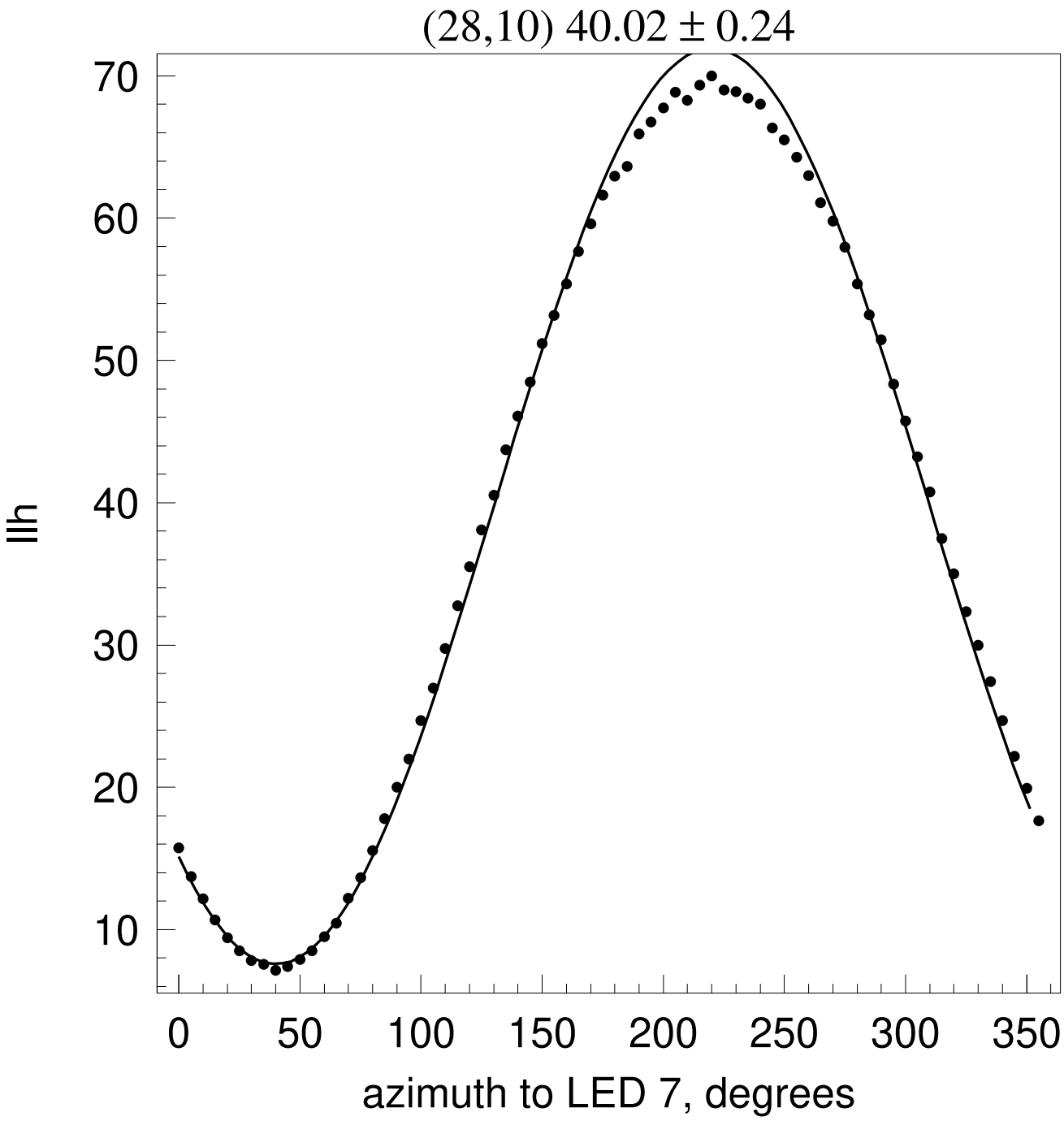

(28,5) 30.69 ± 0.45
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

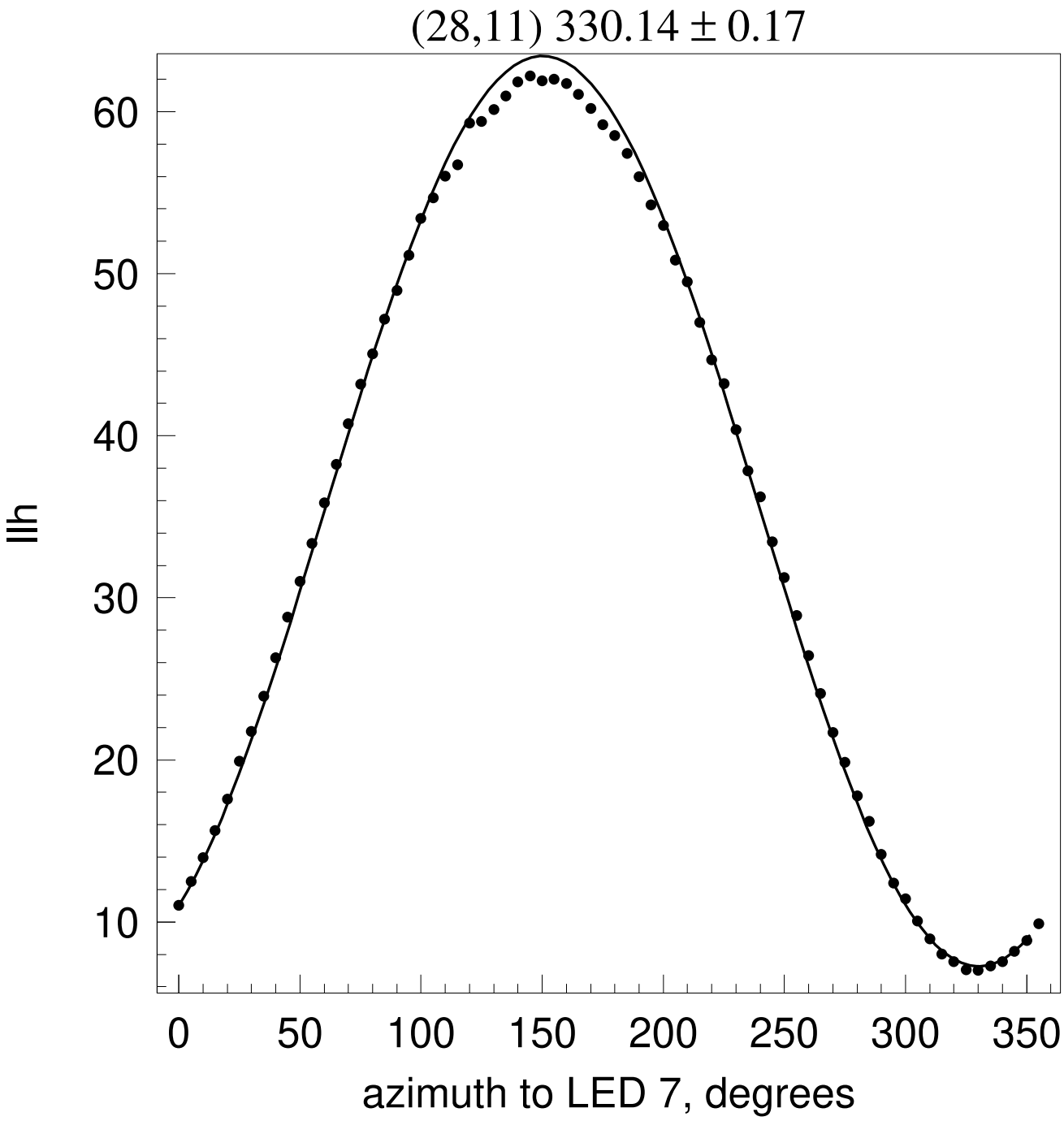

(28,6) 113.06 ± 0.15
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

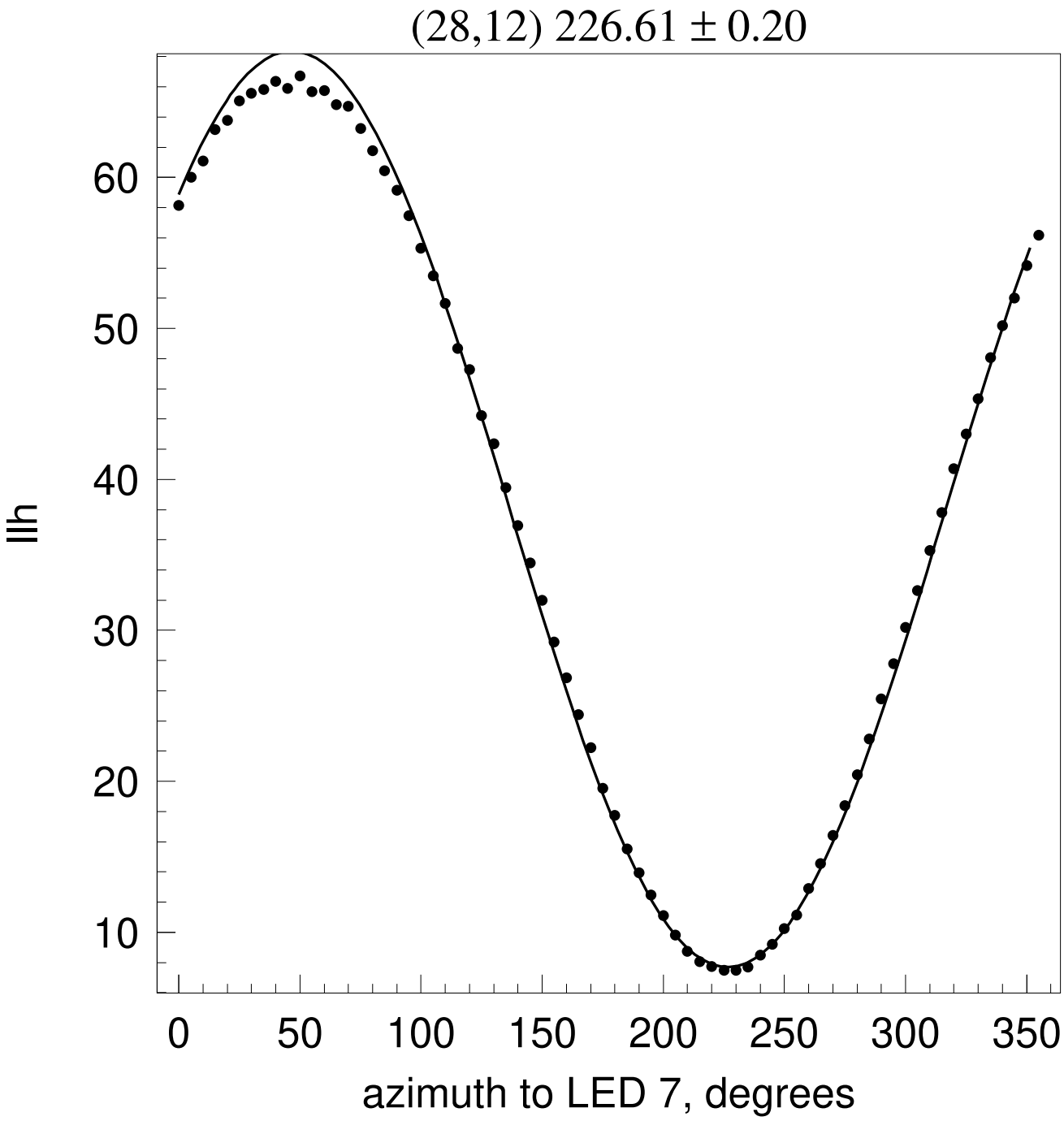

(28,7) 289.65 ± 0.15
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

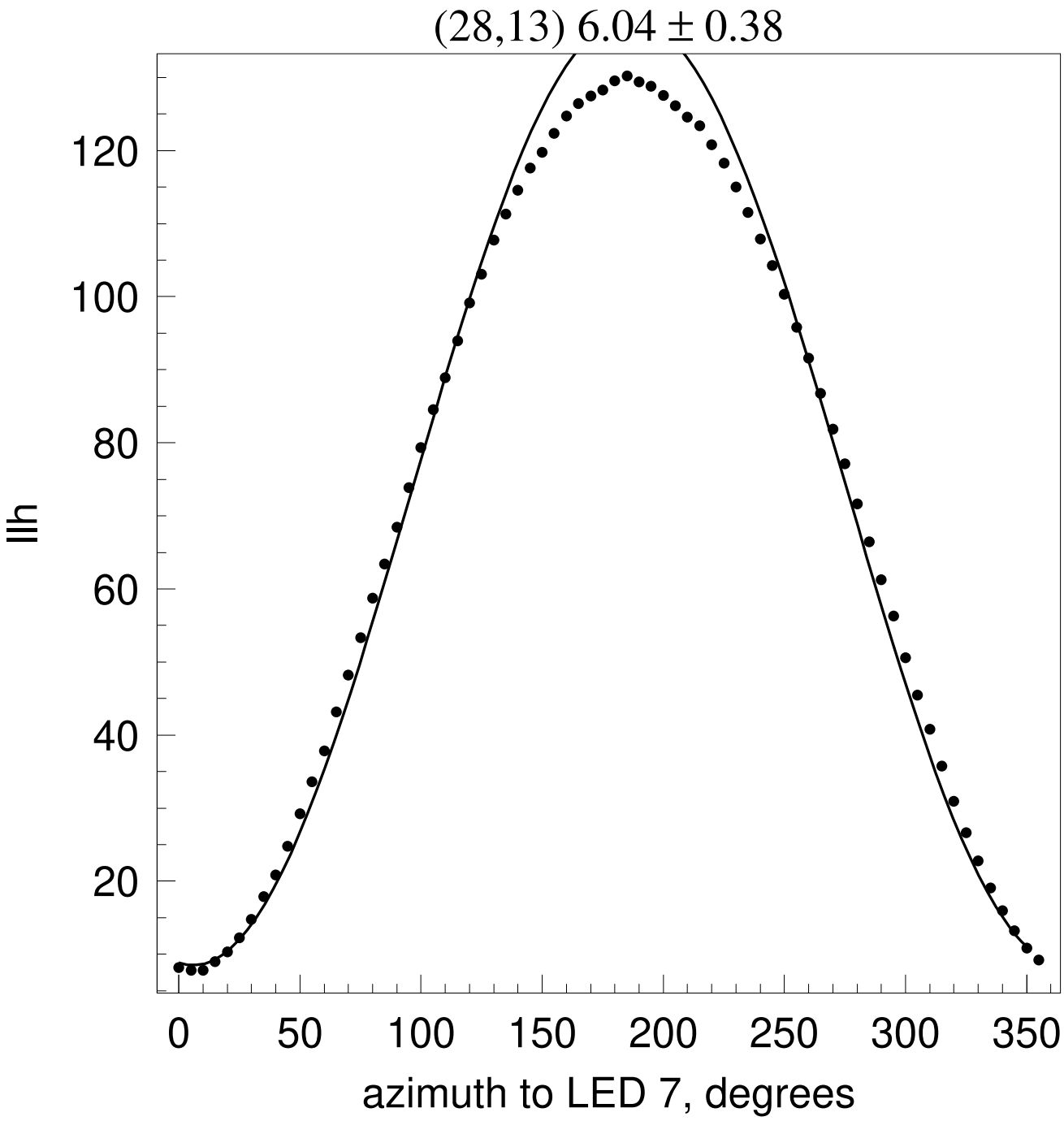

(28,8) 298.93 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

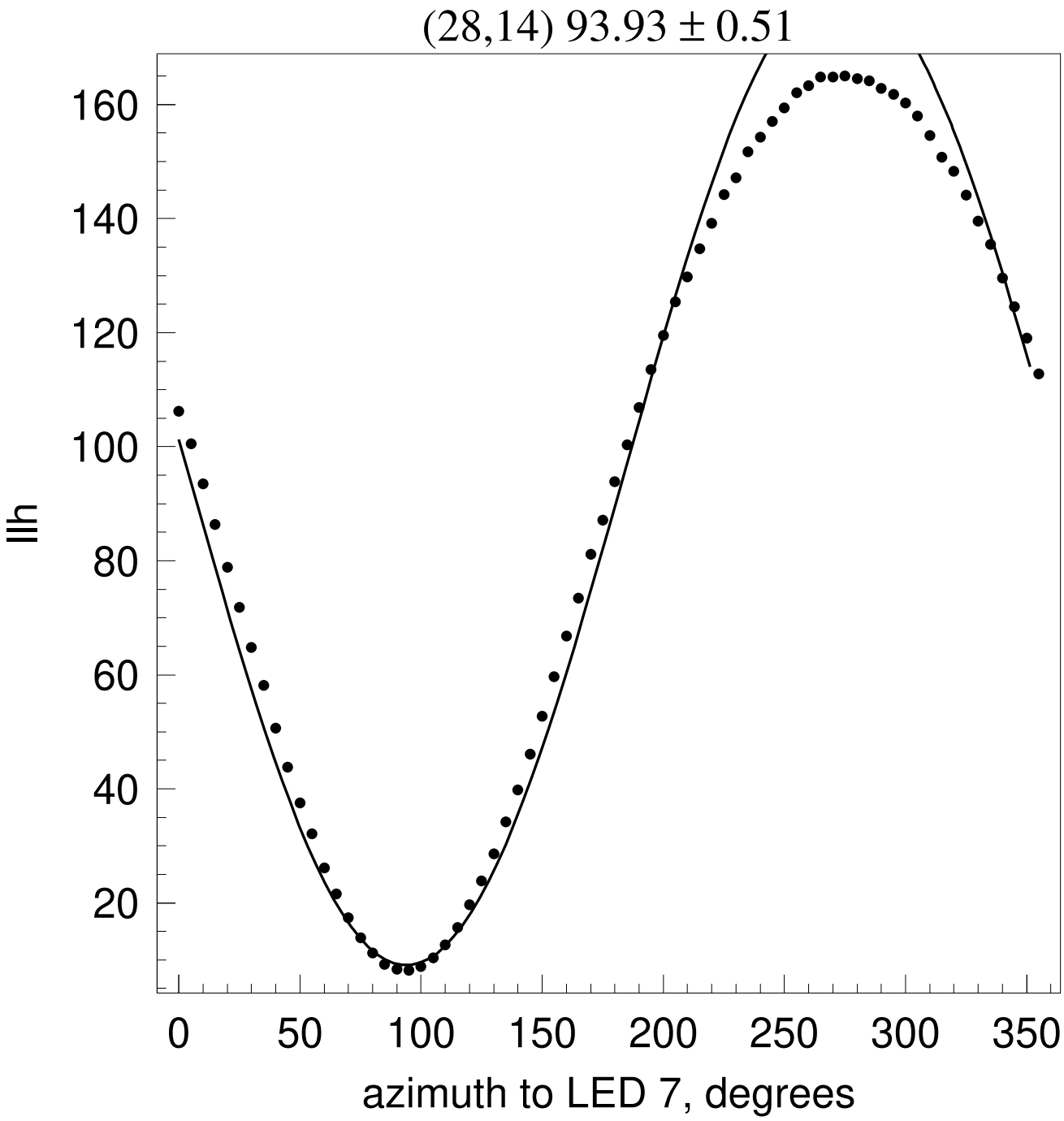

(28,9) 92.33 ± 0.17
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

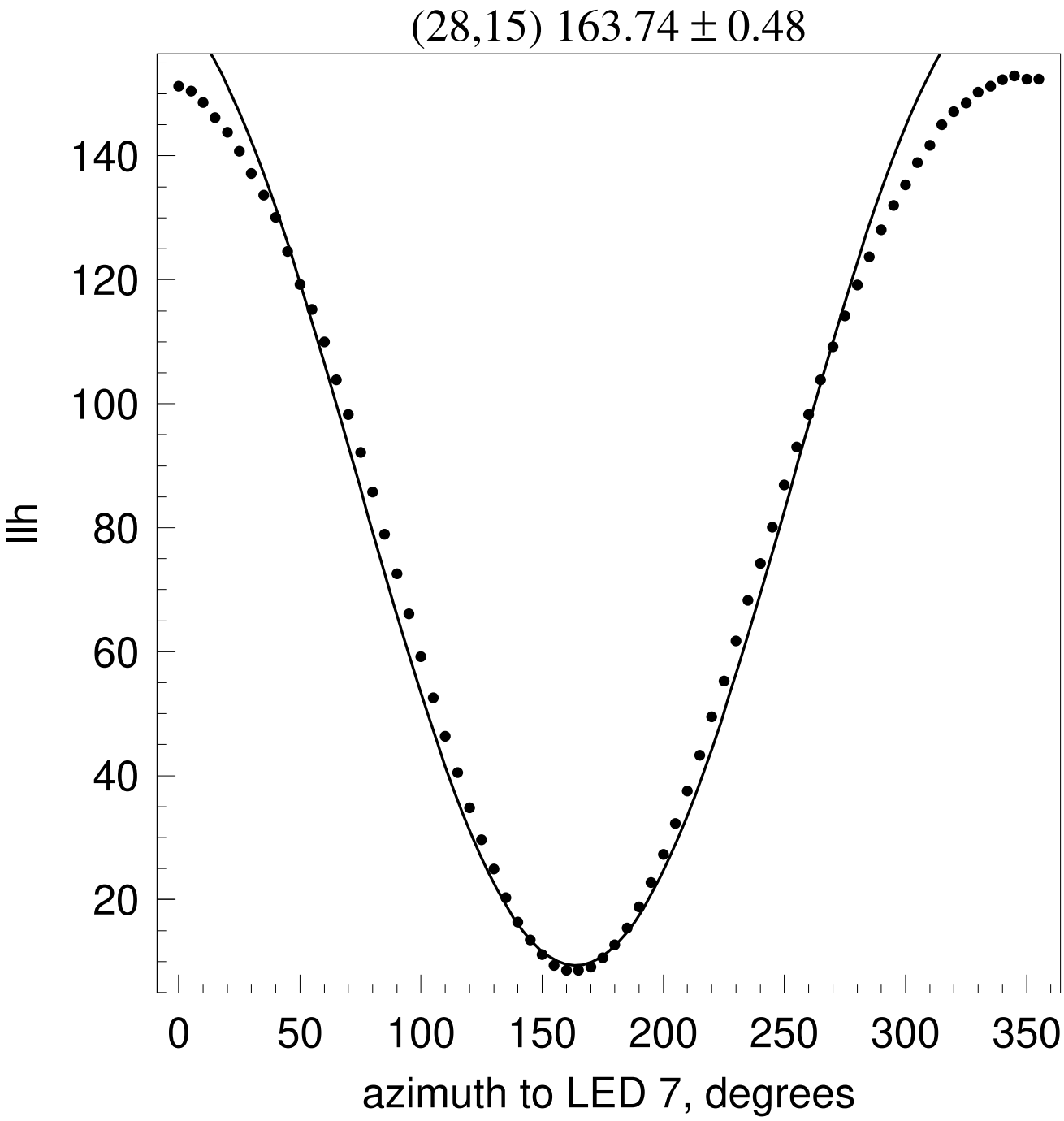

(28,10) 40.02 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

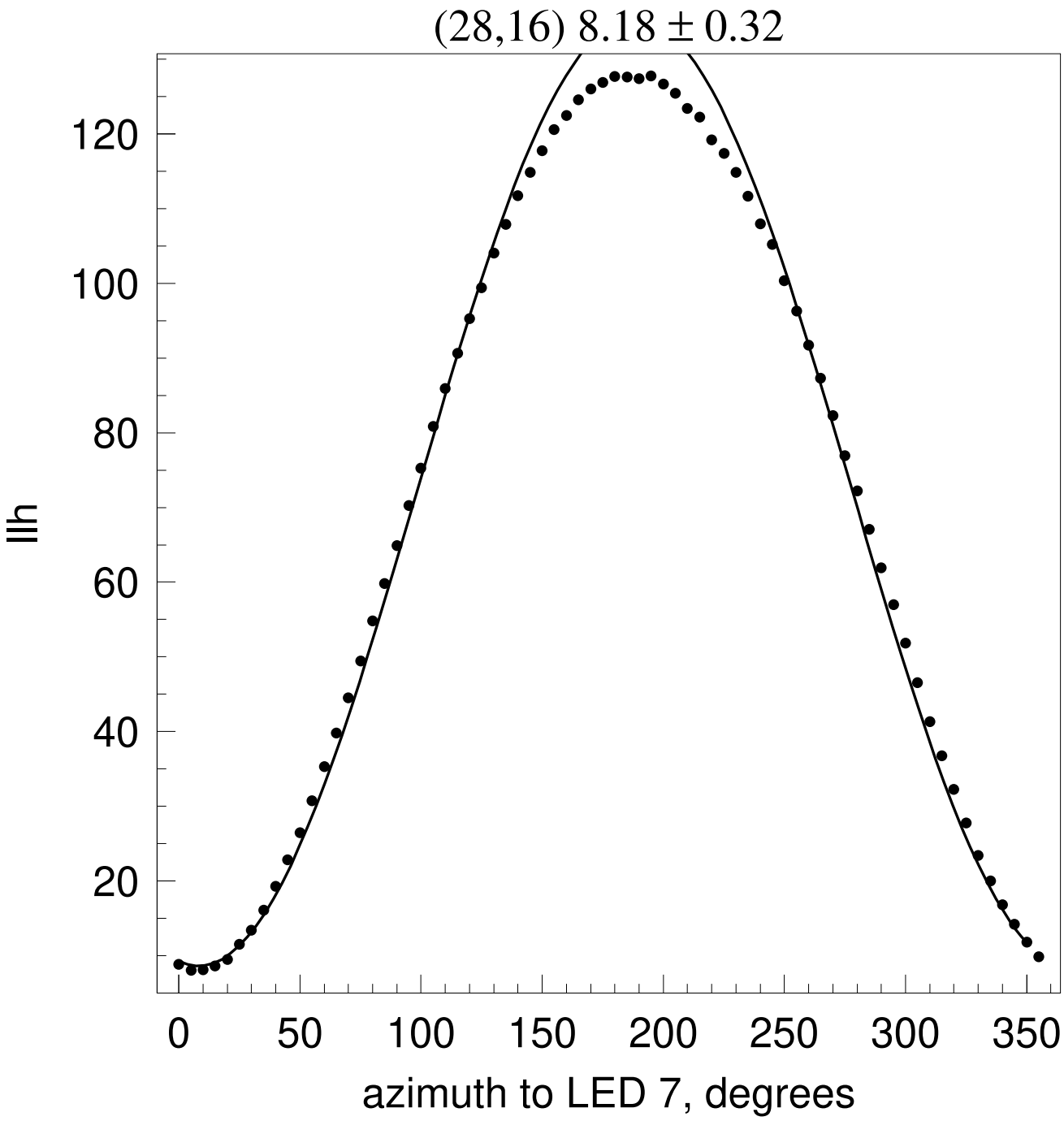

(28,11) 330.14 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

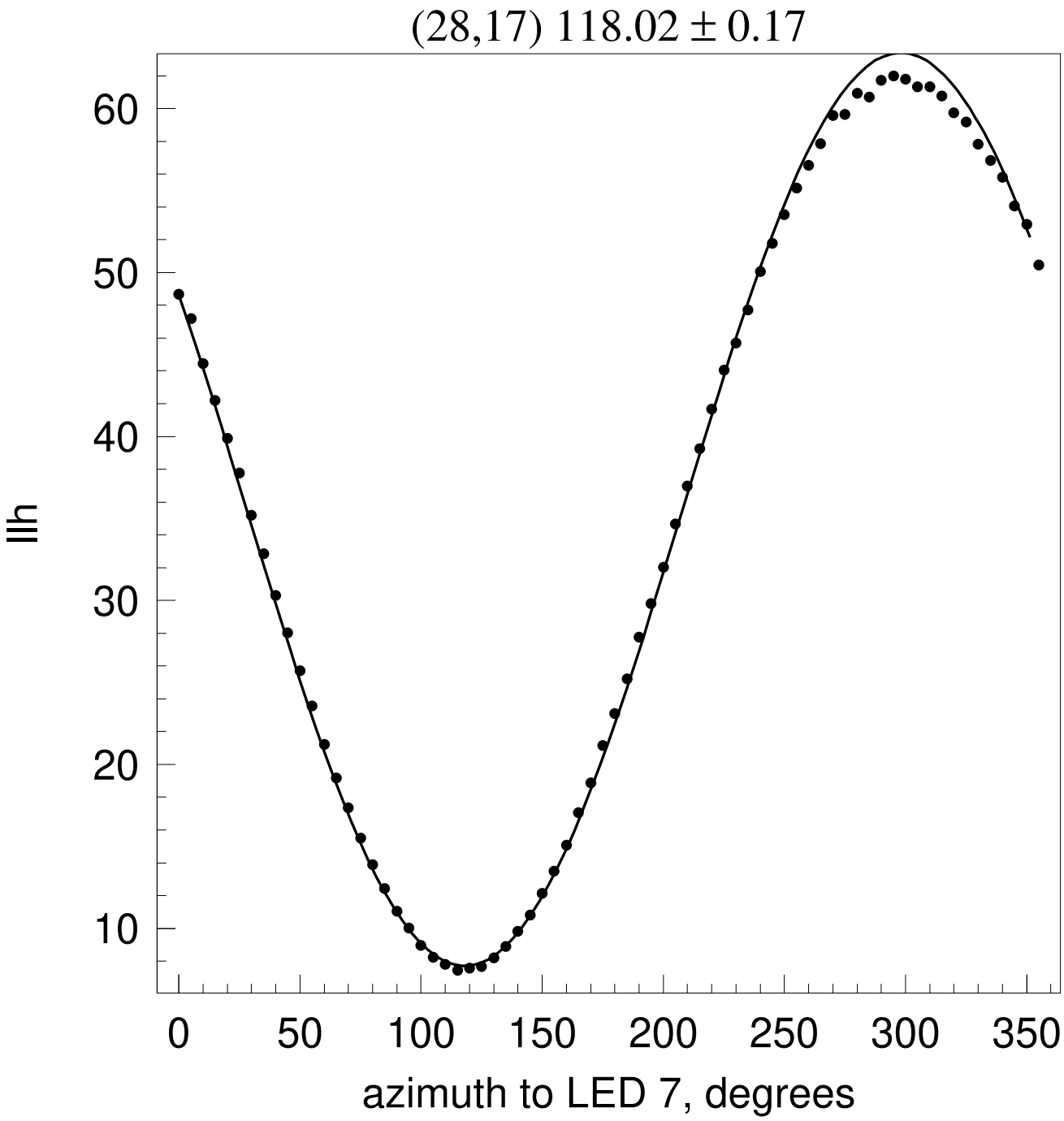

(28,12) 226.61 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

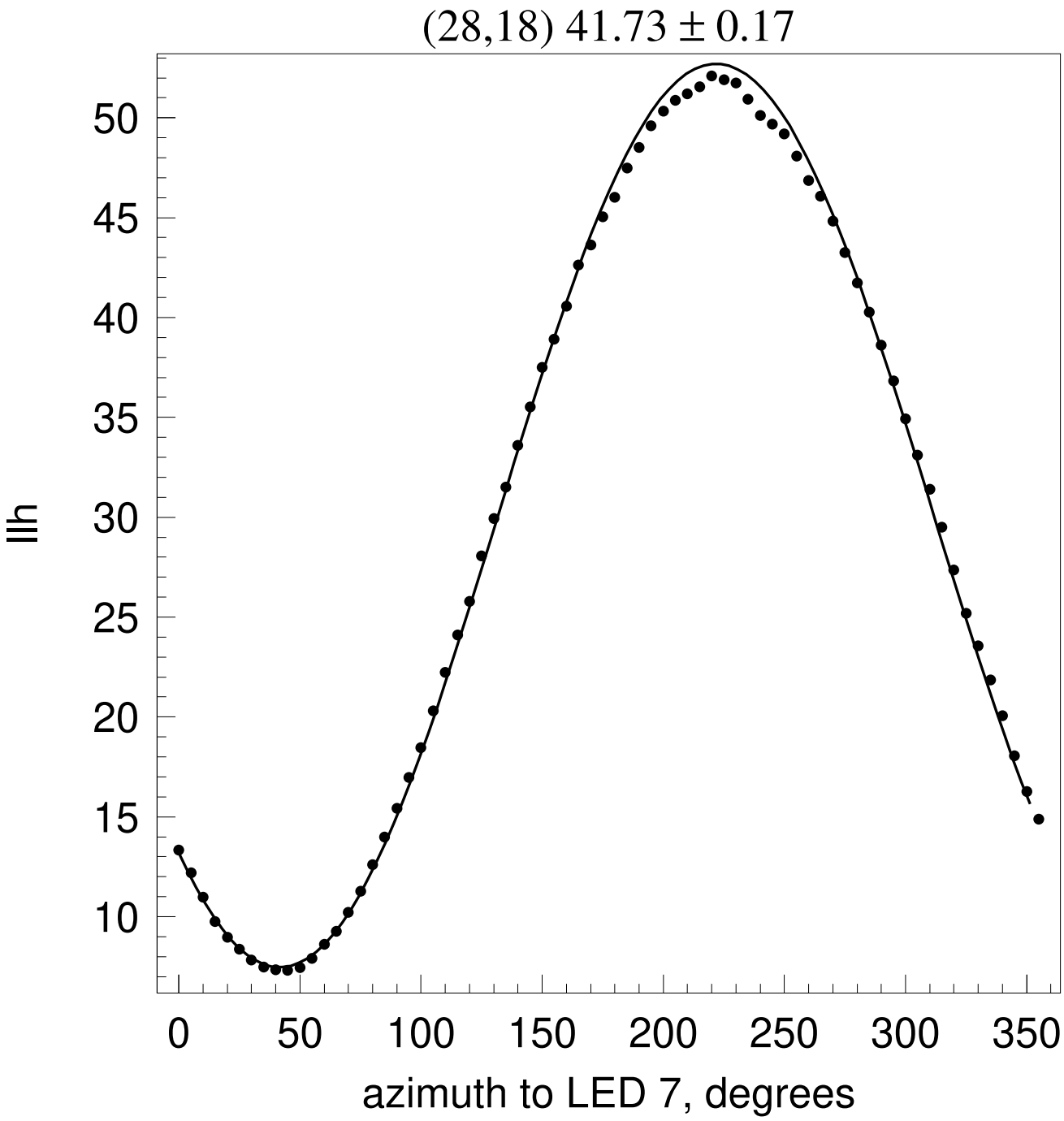

(28,13) 6.04 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

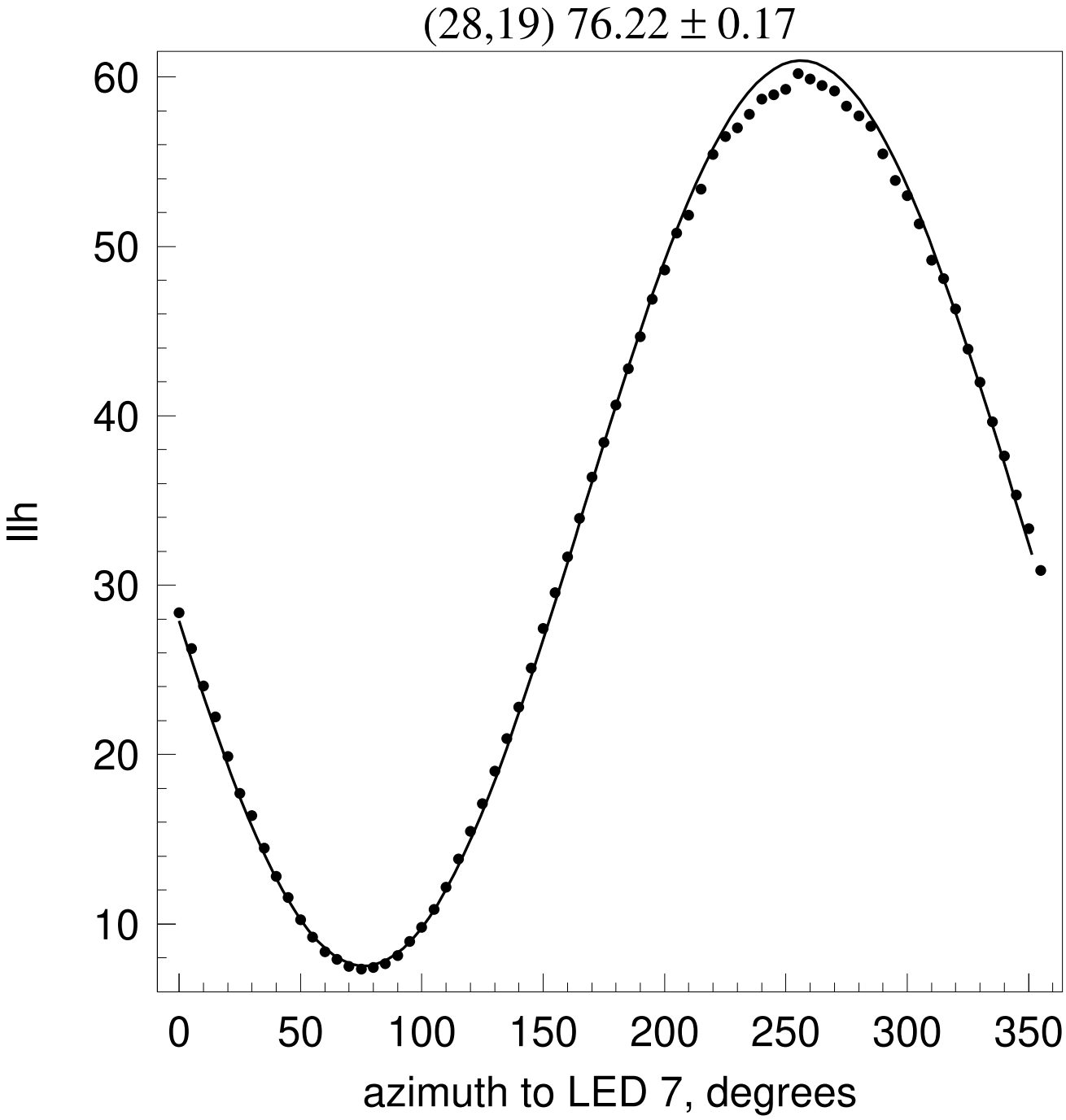

(28,14) 93.93 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

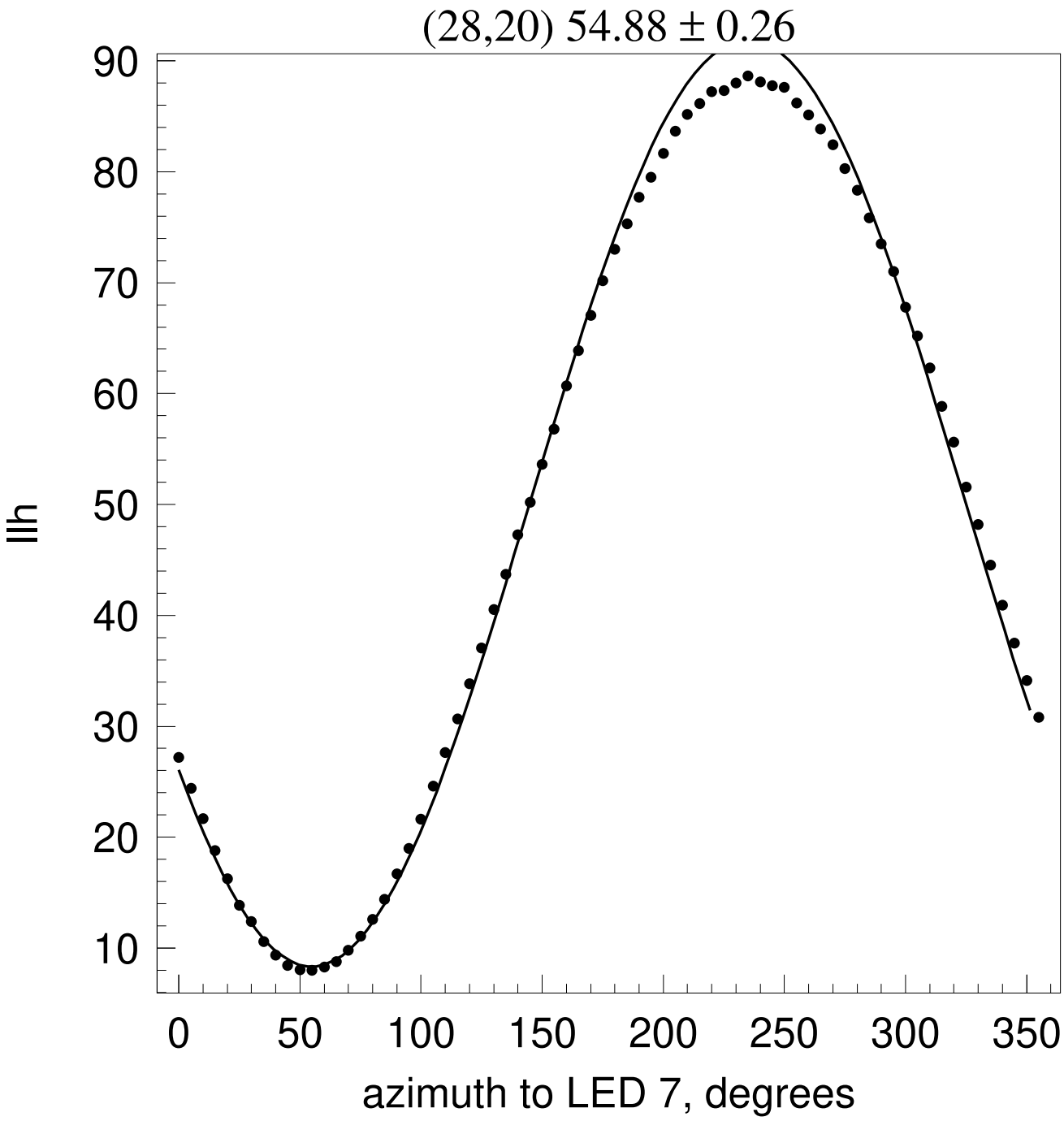

(28,15) 163.74 ± 0.48
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

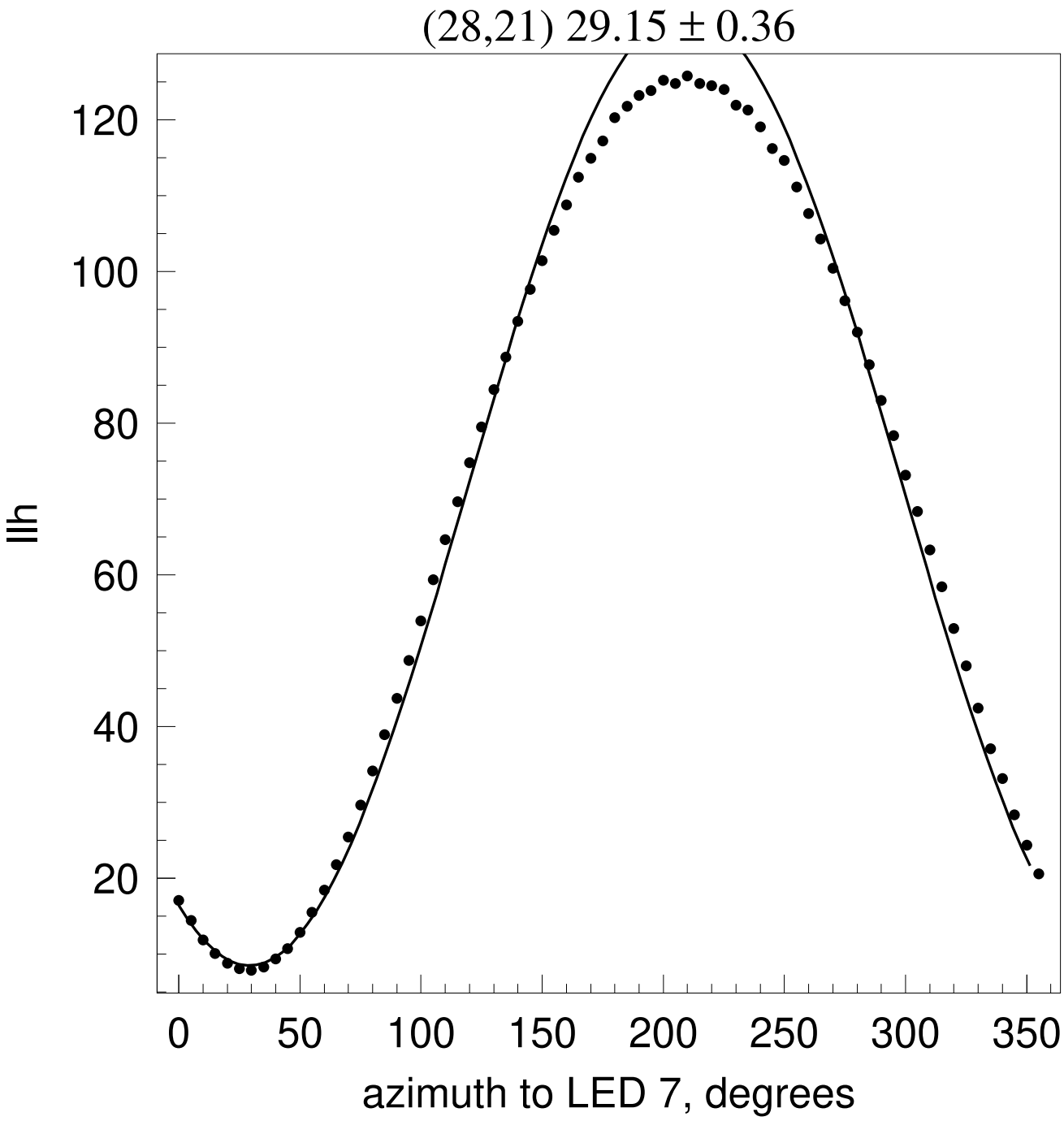

(28,16) 8.18 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

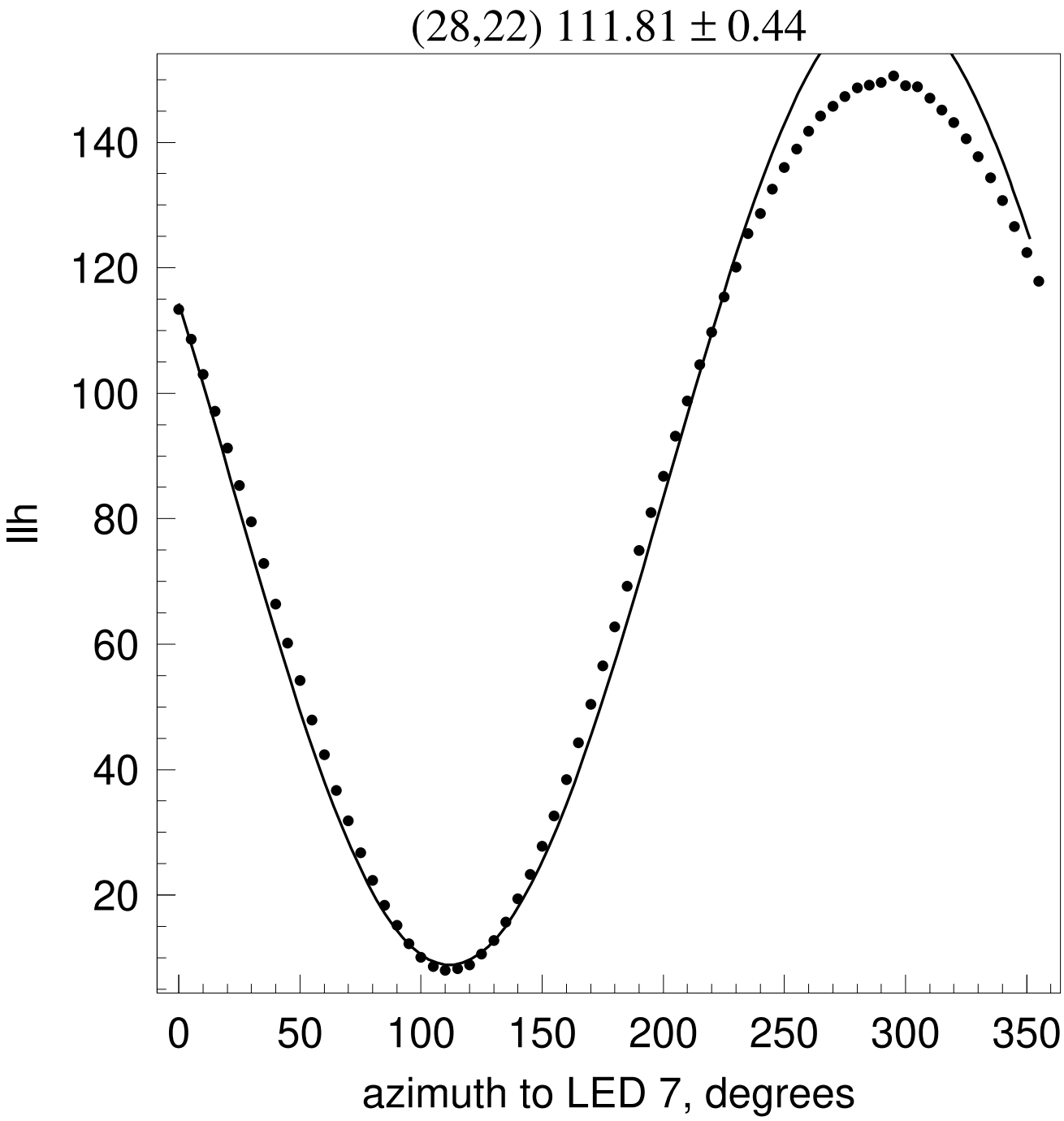

(28,17) 118.02 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

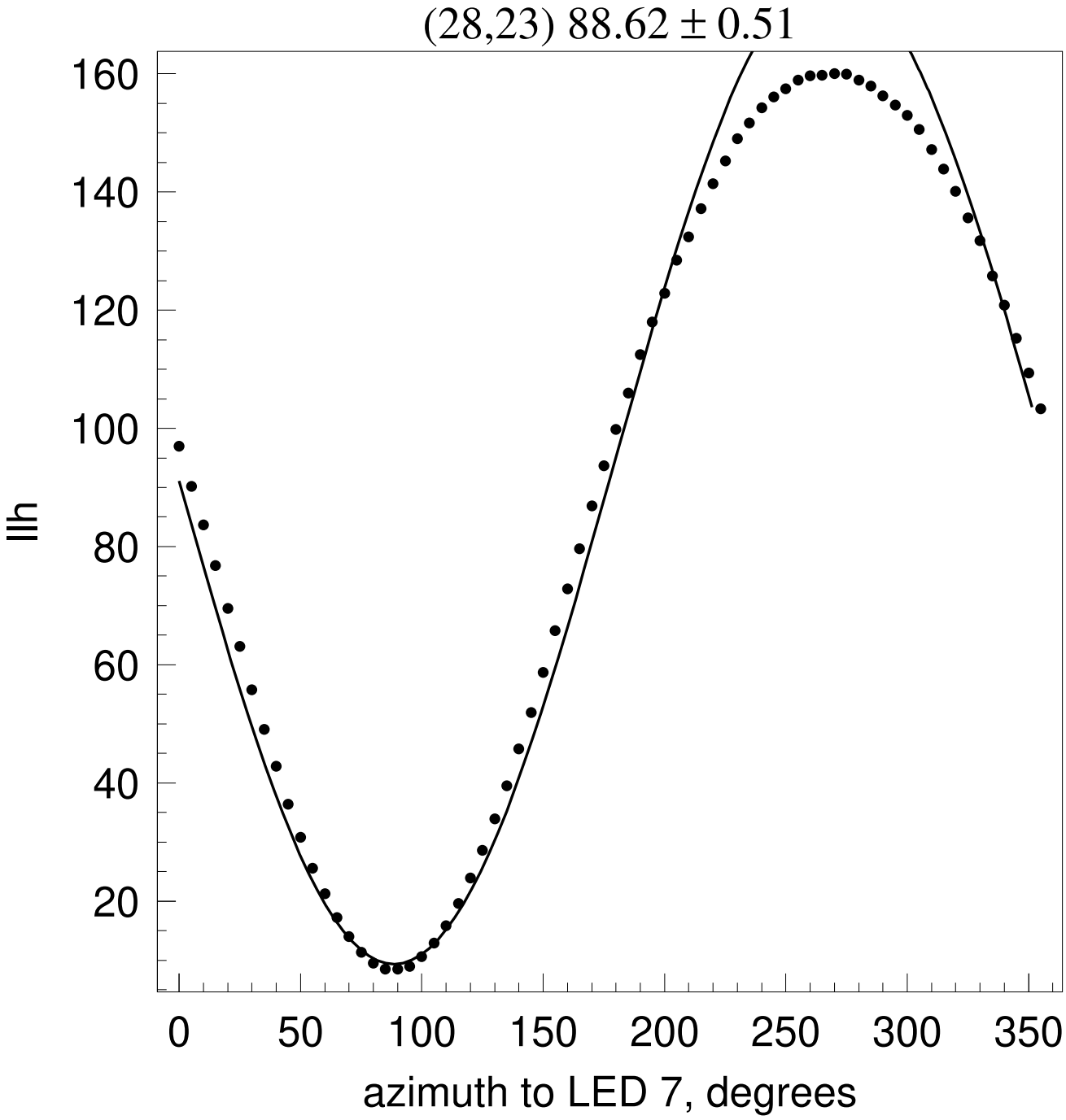

(28,18) 41.73 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

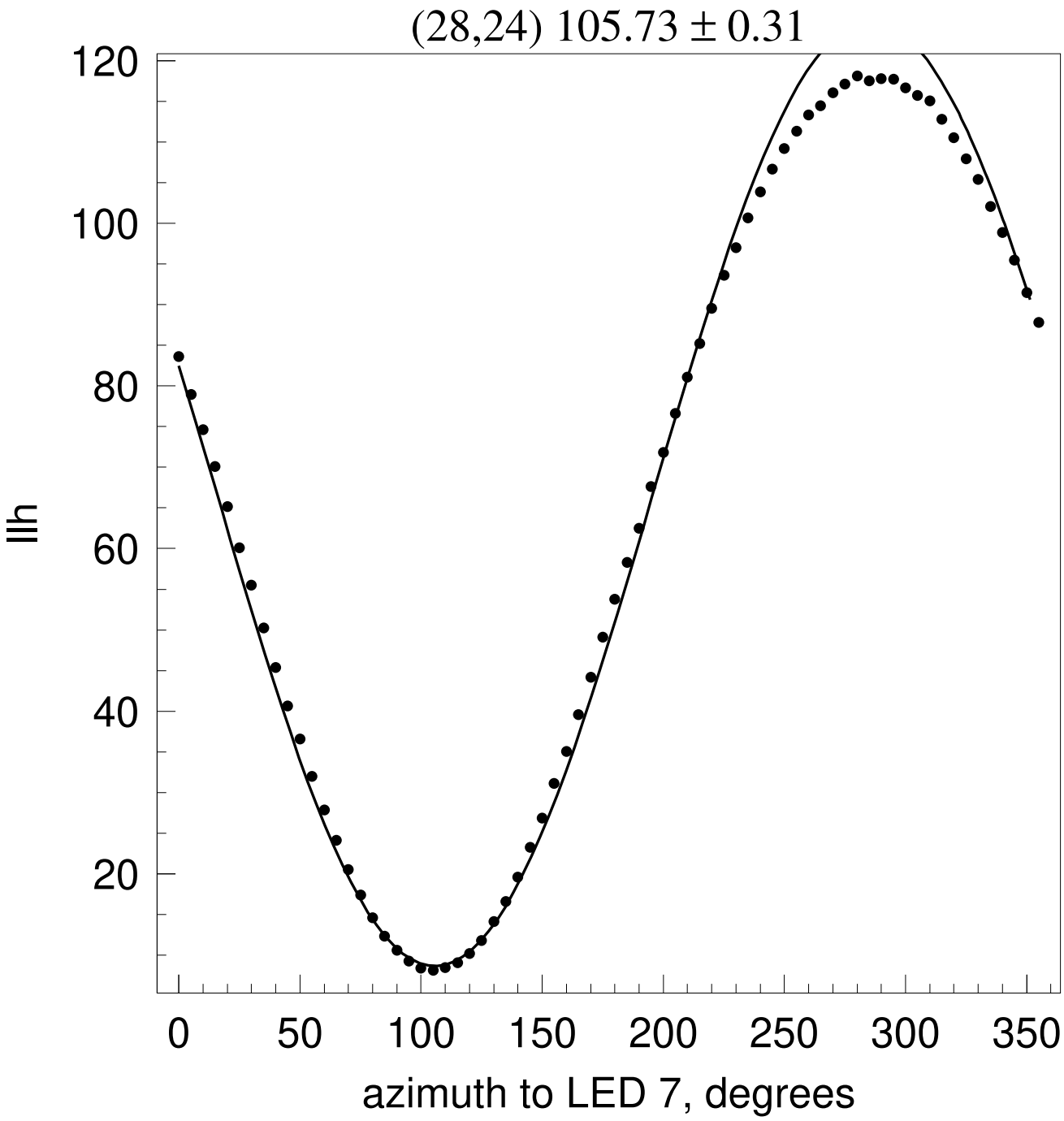

(28,19) 76.22 ± 0.17
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

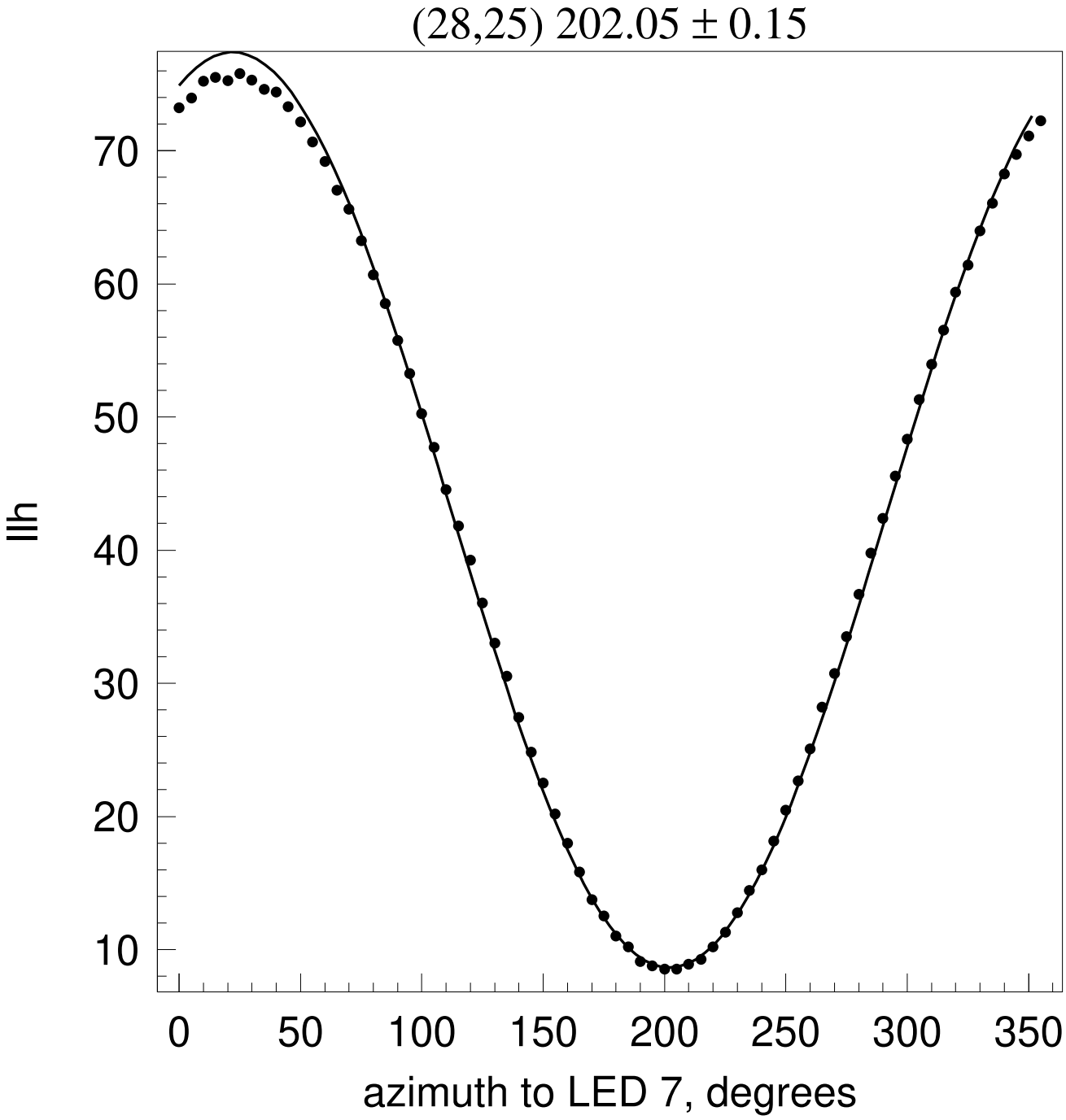

(28,20) 54.88 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

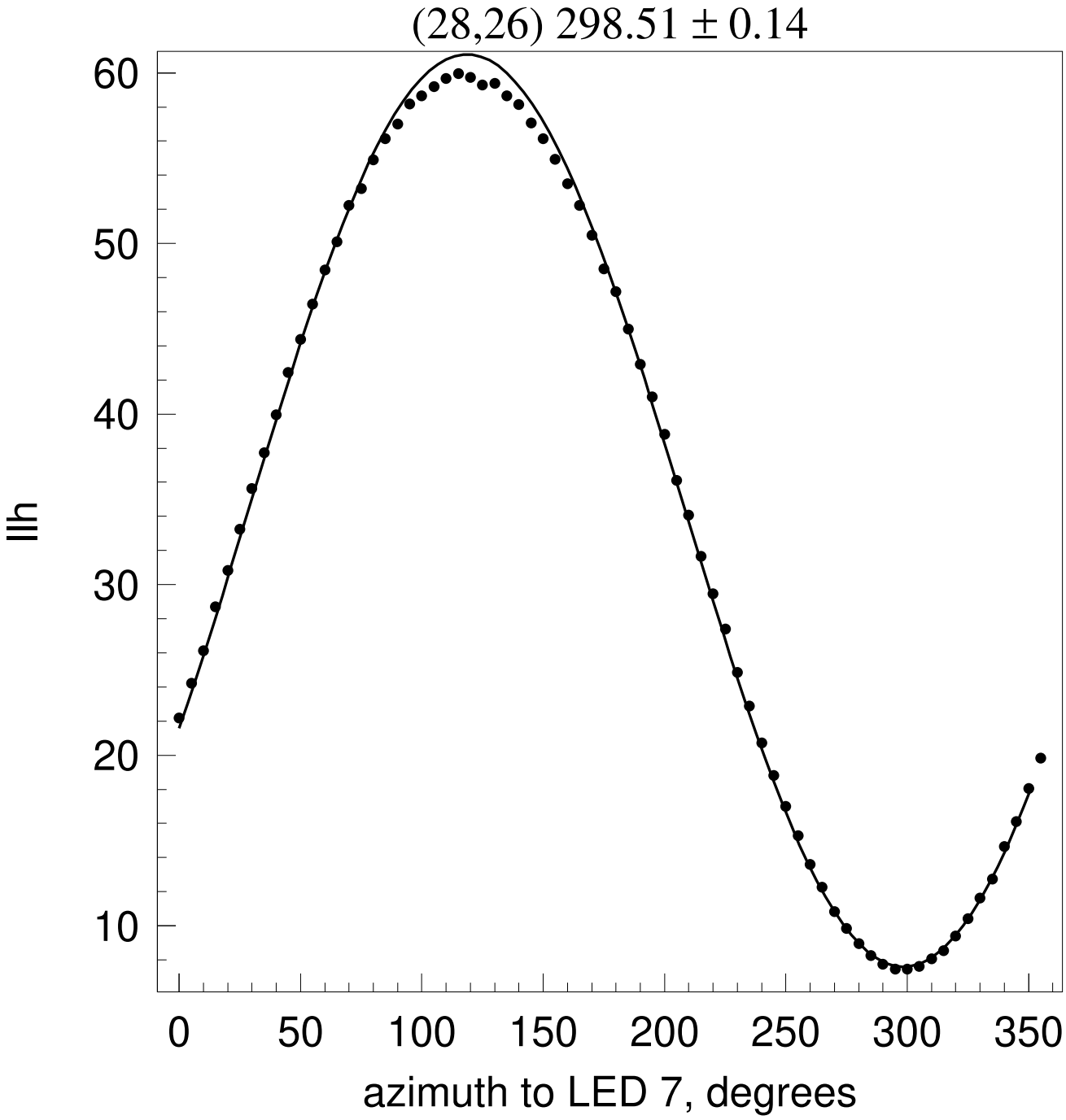

(28,21) 29.15 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

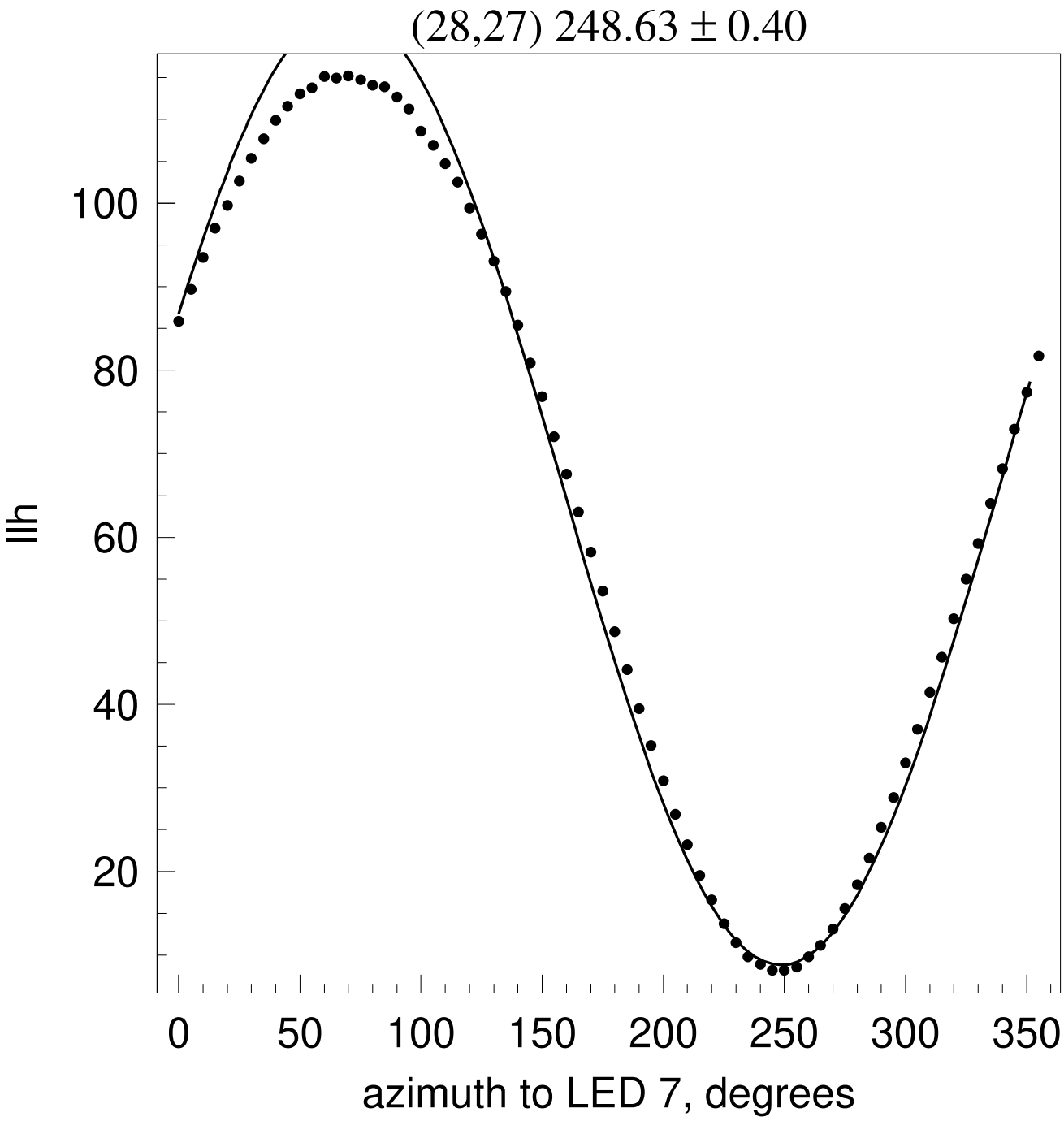

(28,22) 111.81 ± 0.44
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

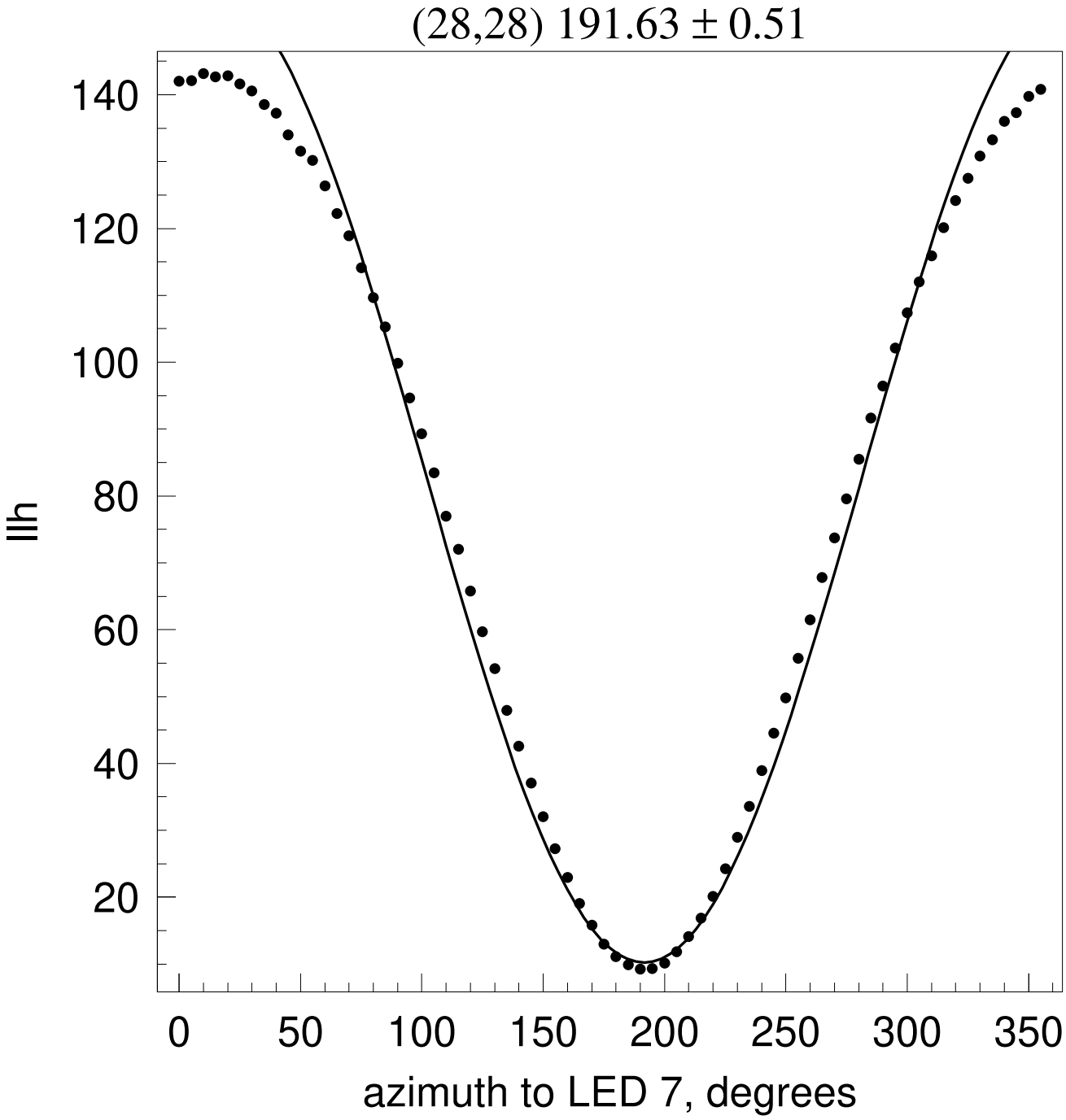

(28,23) 88.62 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

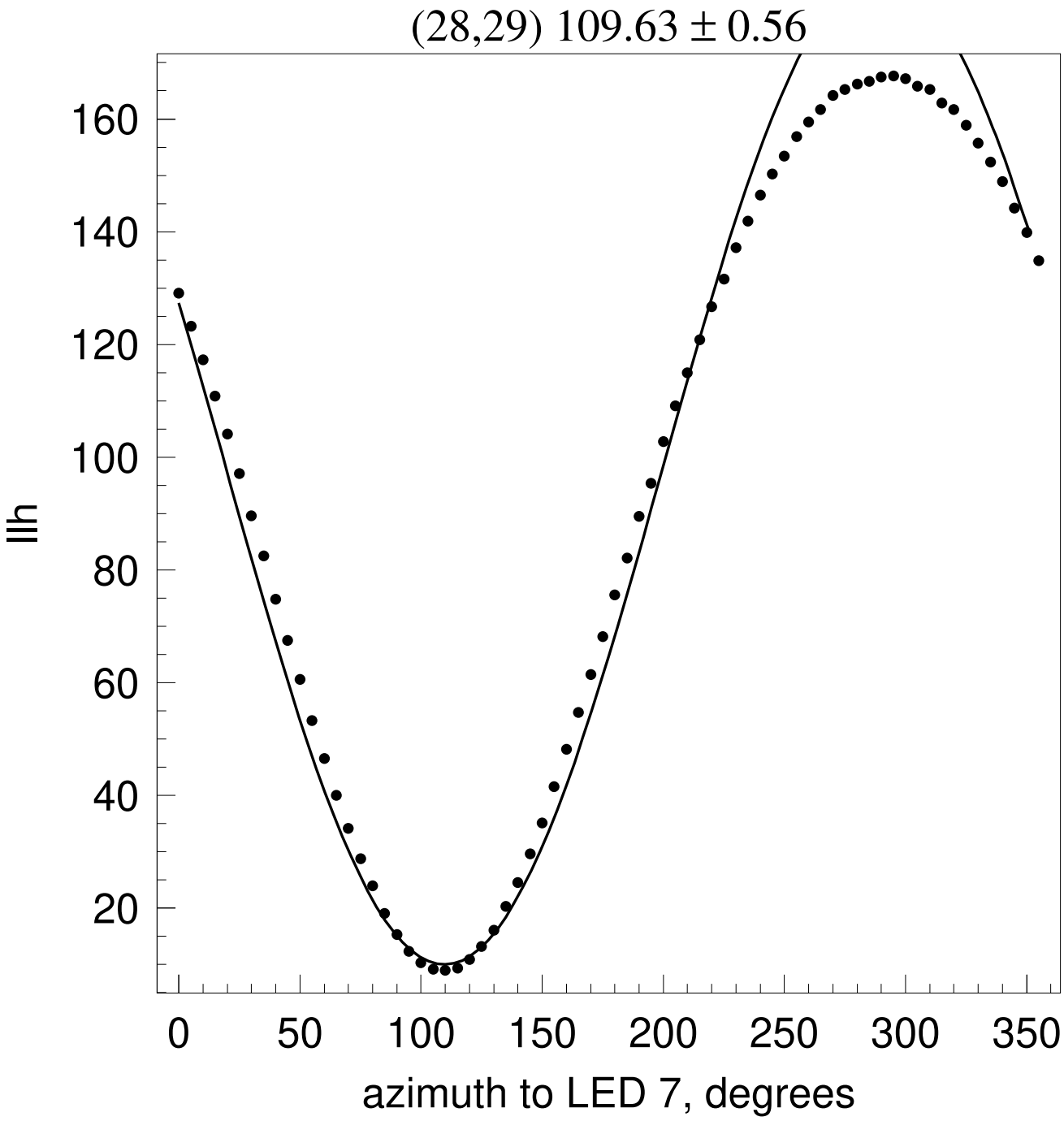

(28,24) 105.73 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

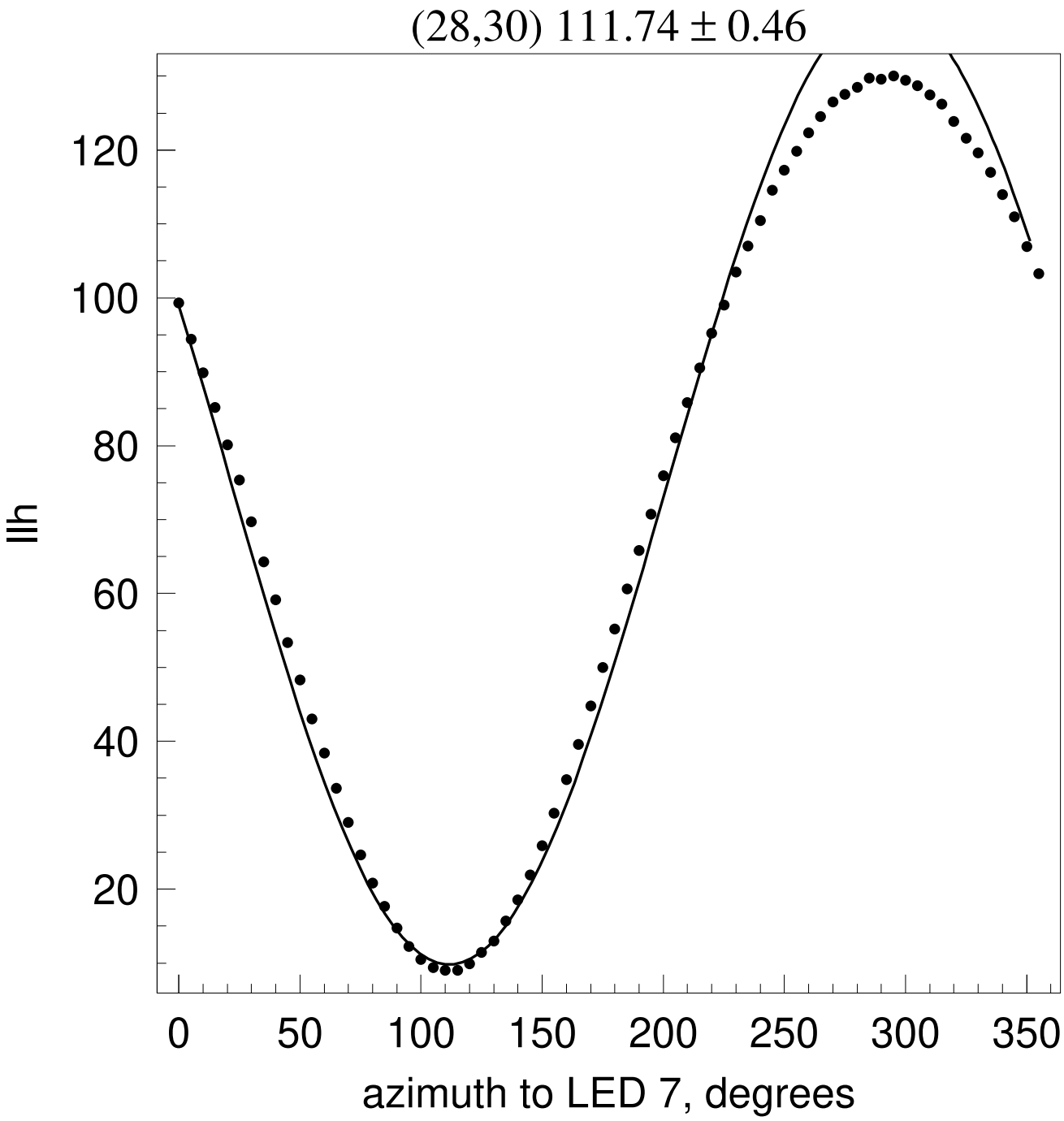

(28,25) 202.05 ± 0.15
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

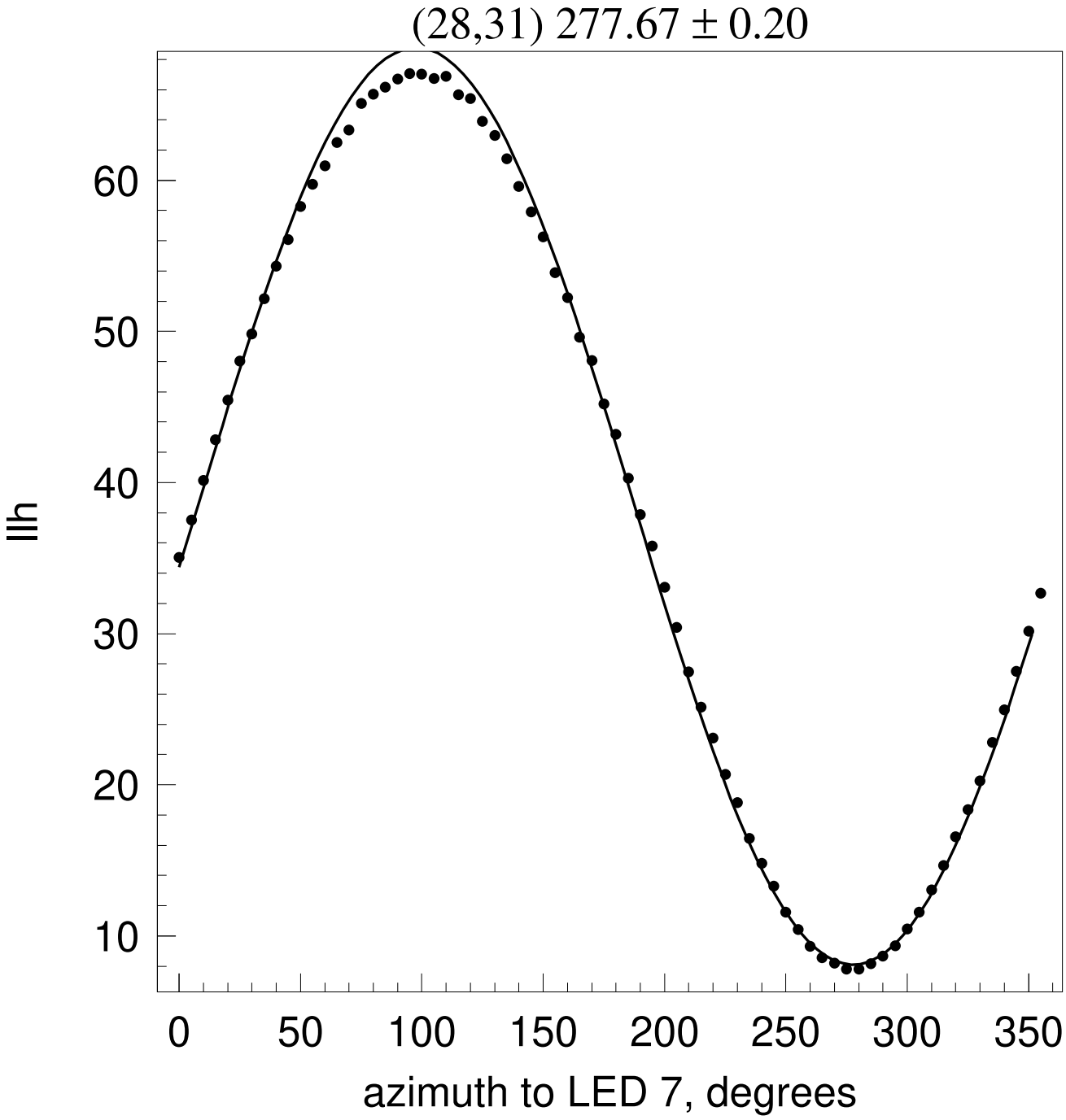

(28,26) 298.51 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

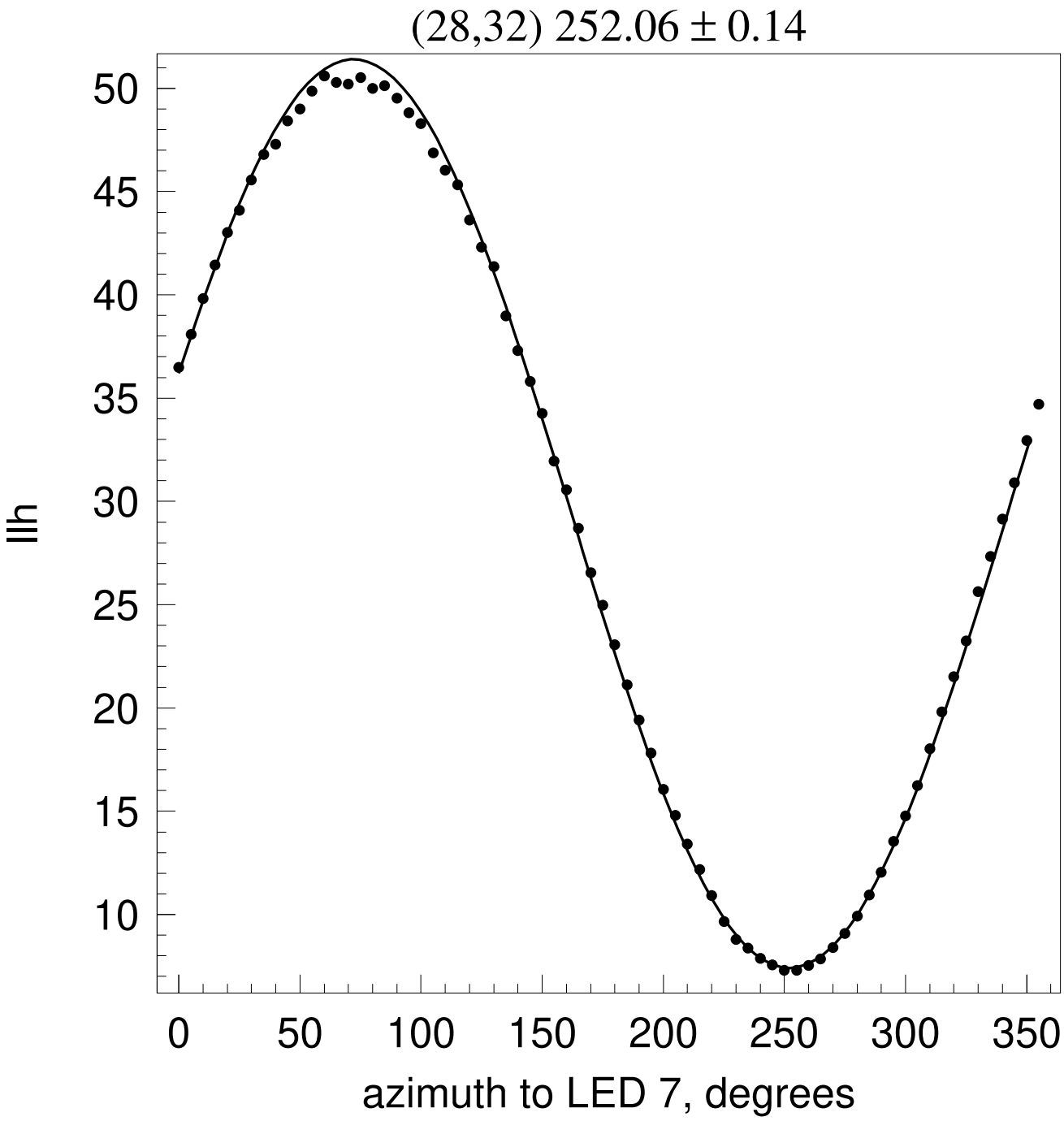

(28,27) 248.63 ± 0.40
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

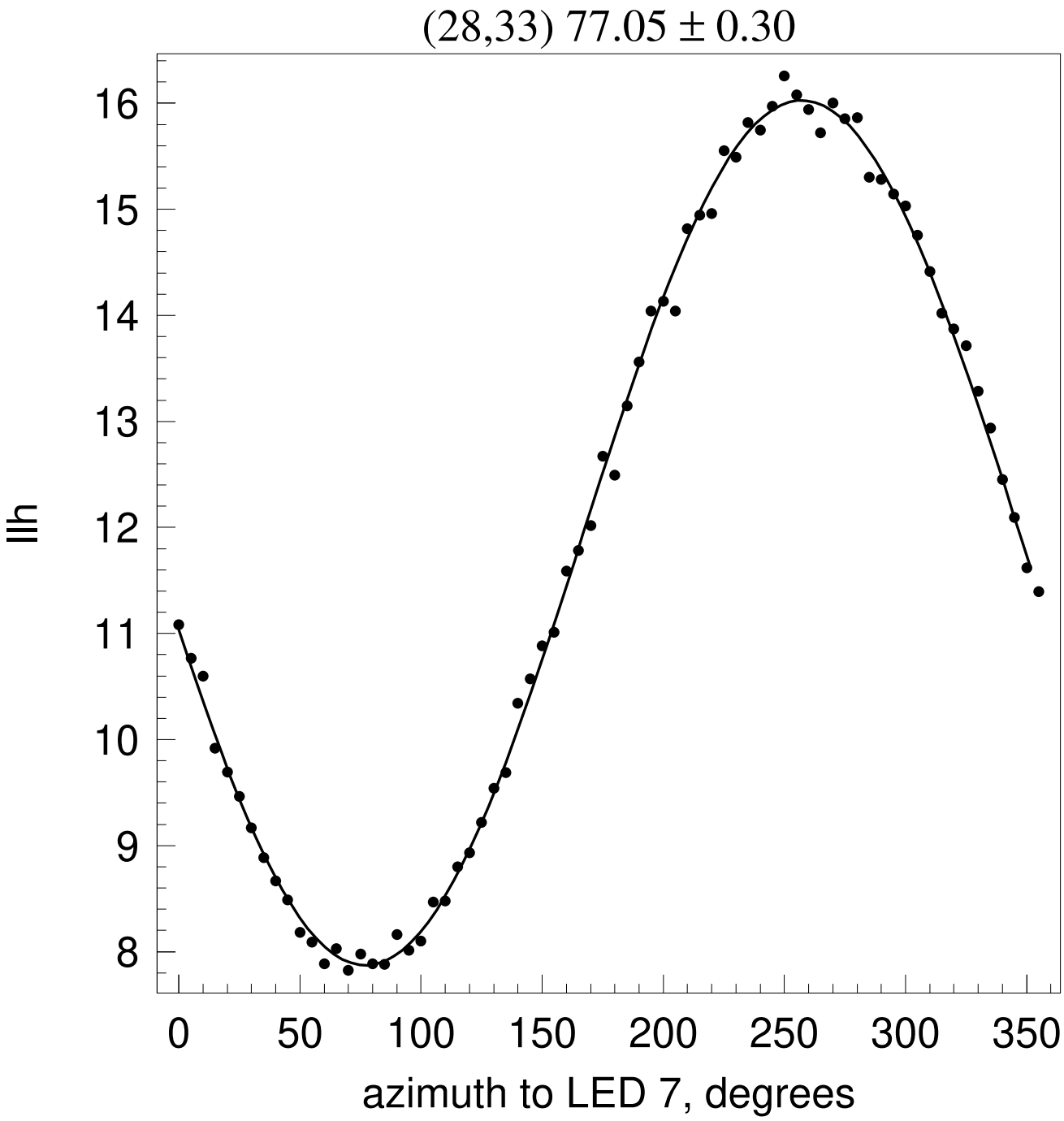

(28,28) 191.63 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

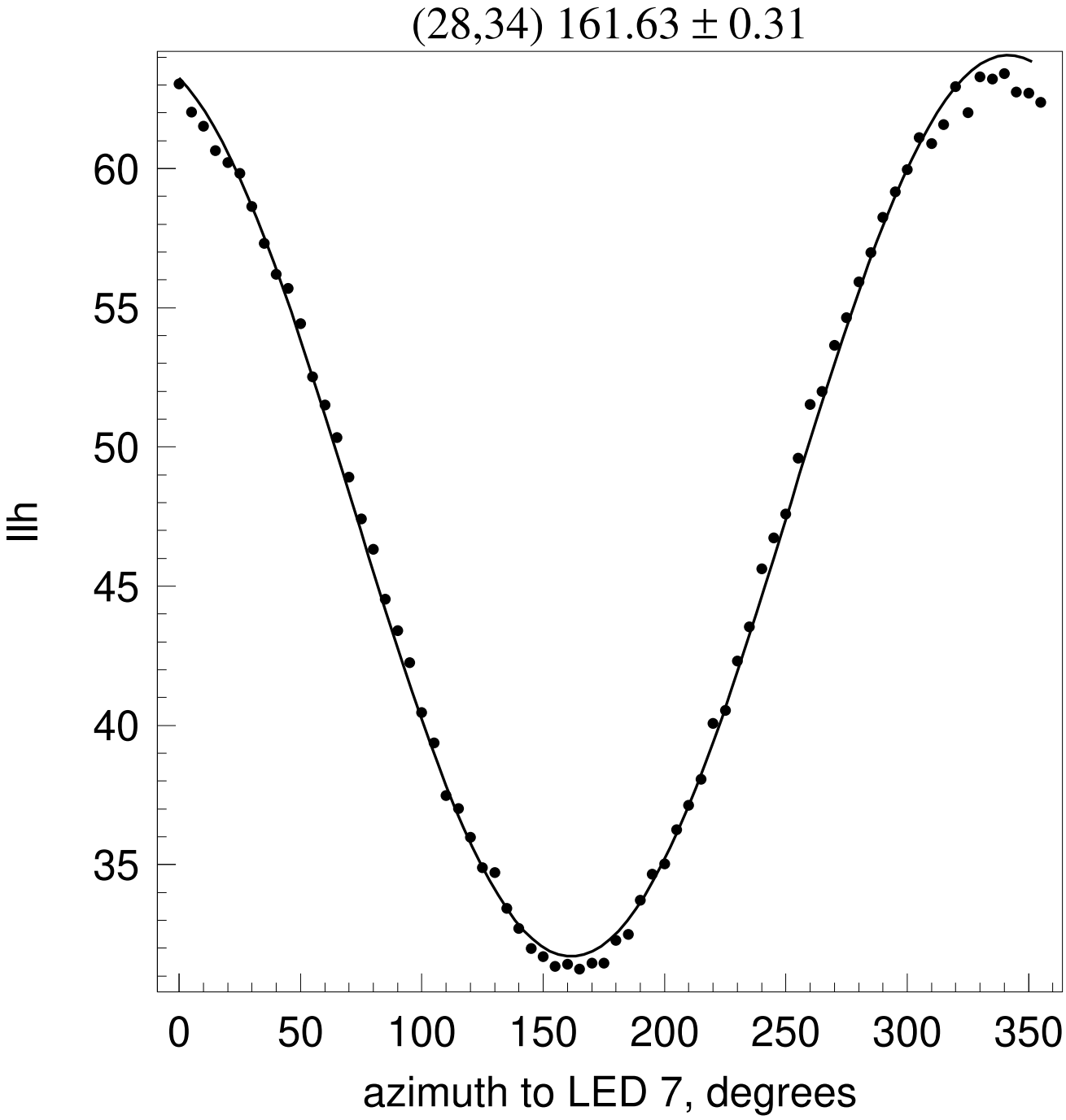

(28,29) 109.63 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

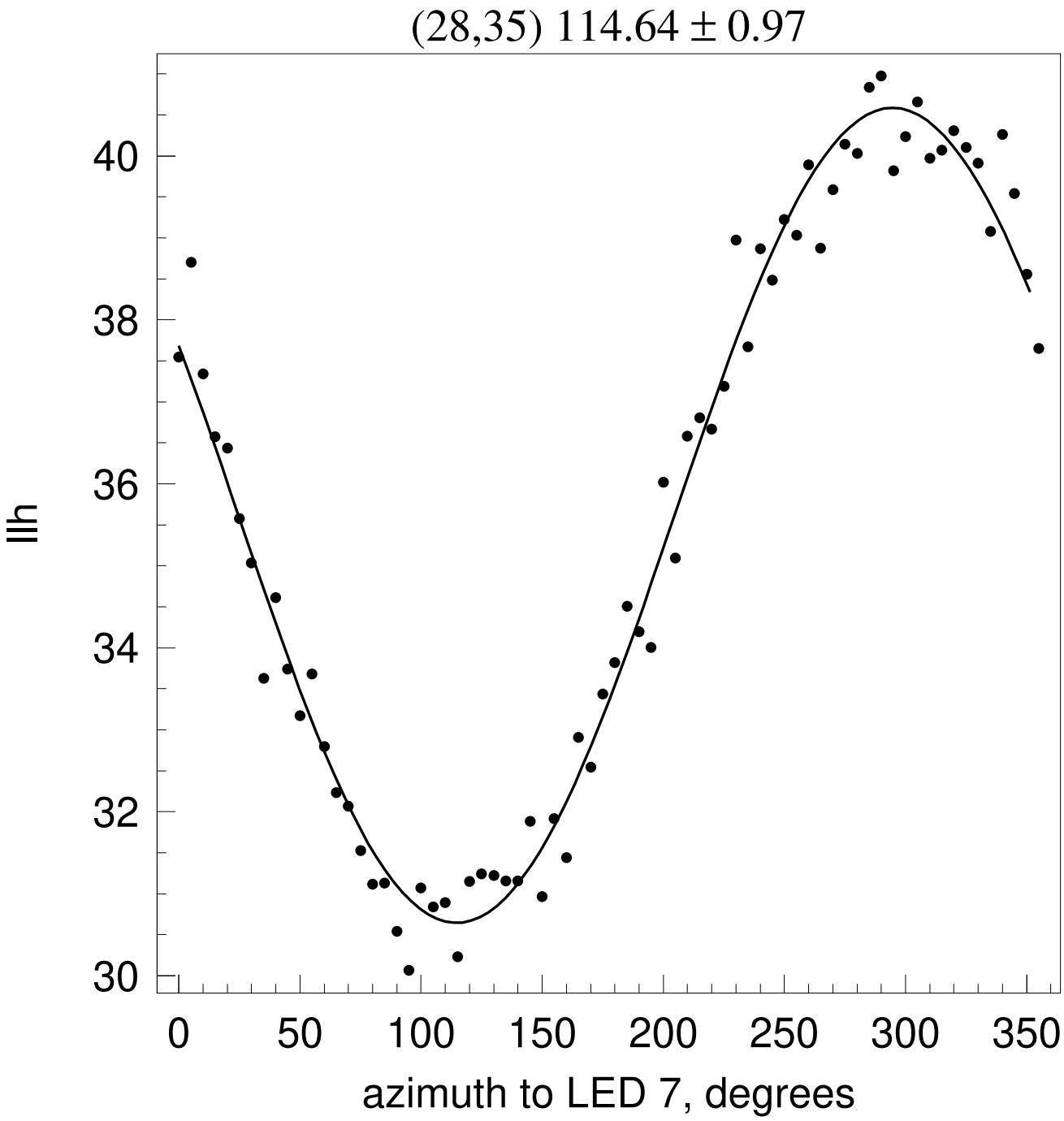

(28,30) 111.74 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

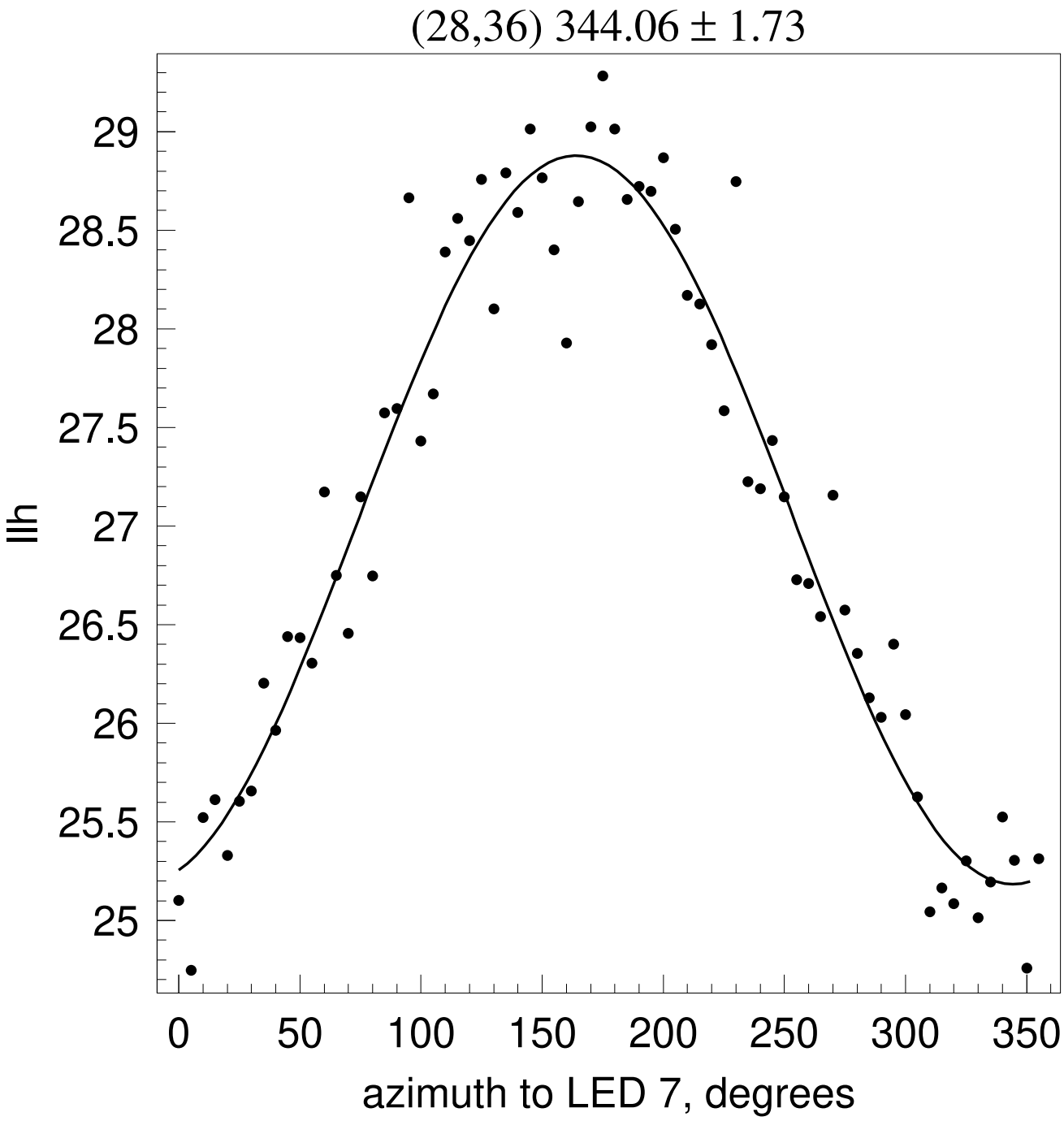

(28,31) 277.67 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

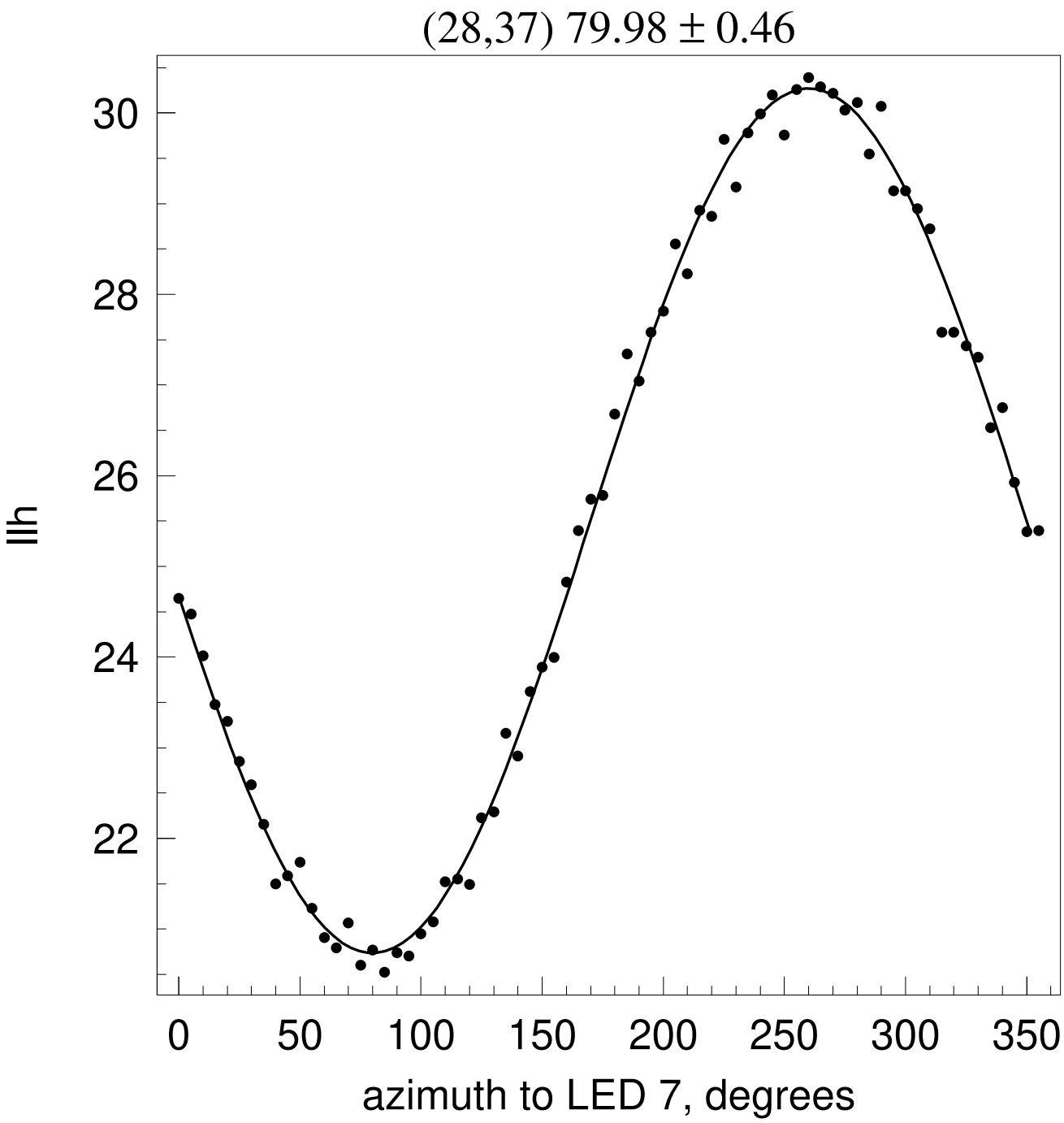

(28,32) 252.06 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

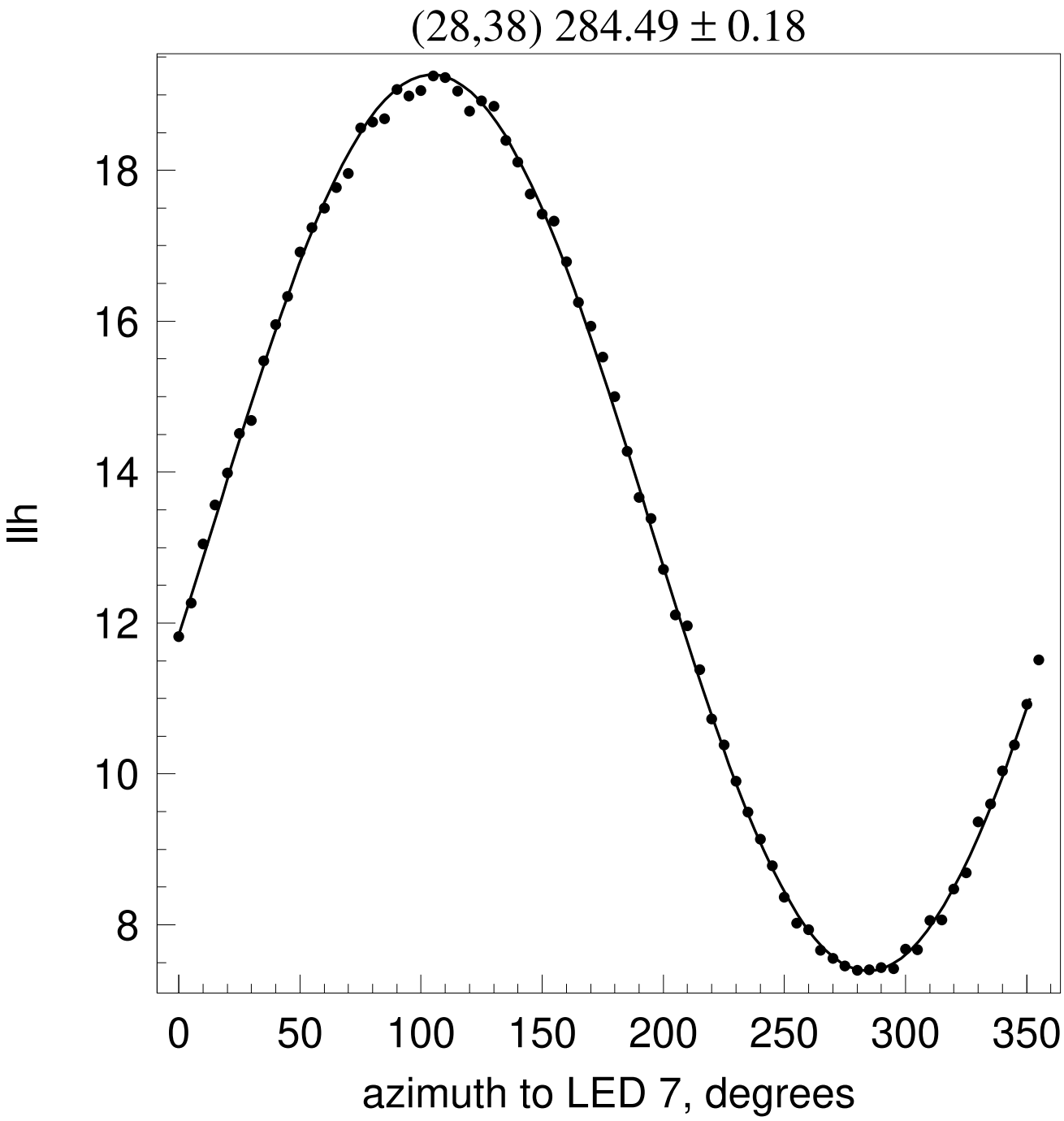

(28,33) 77.05 ± 0.30
16
15
14
13
12
11
10
9
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

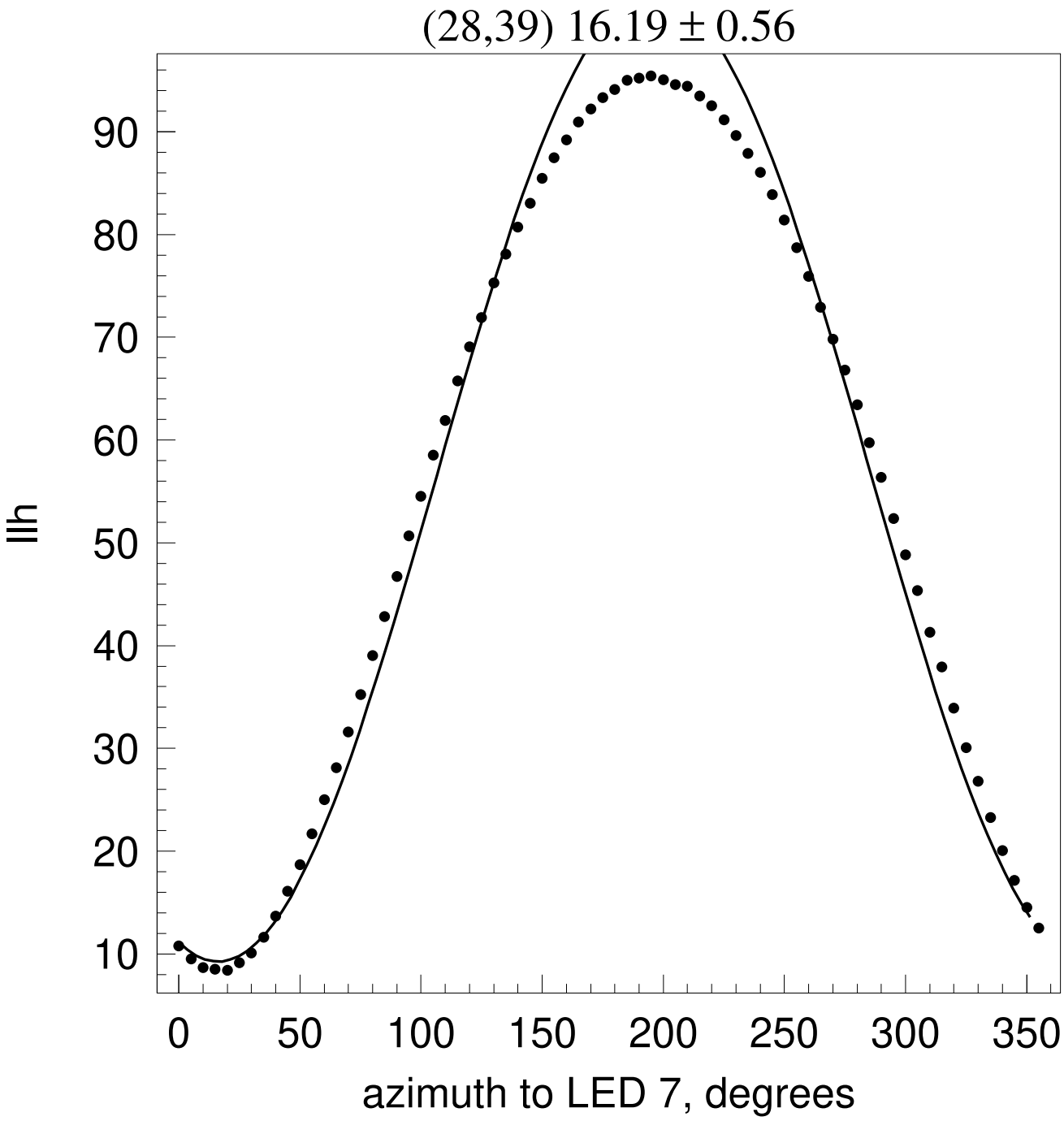

(28,34) 161.63 ± 0.31
60
55
50
45
40
35
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

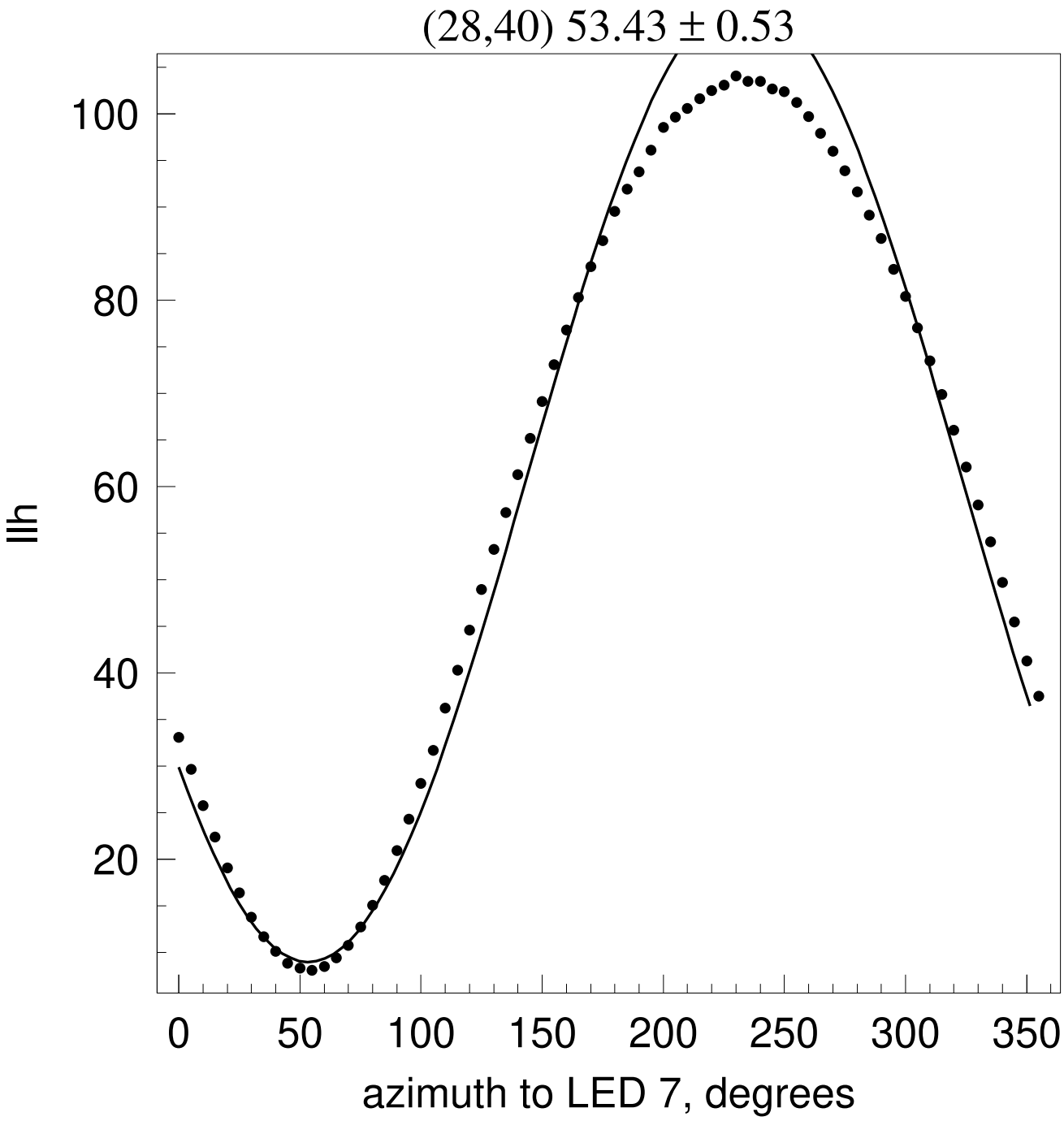

(28,35) 114.64 ± 0.97
40
38
36
34
32
30
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

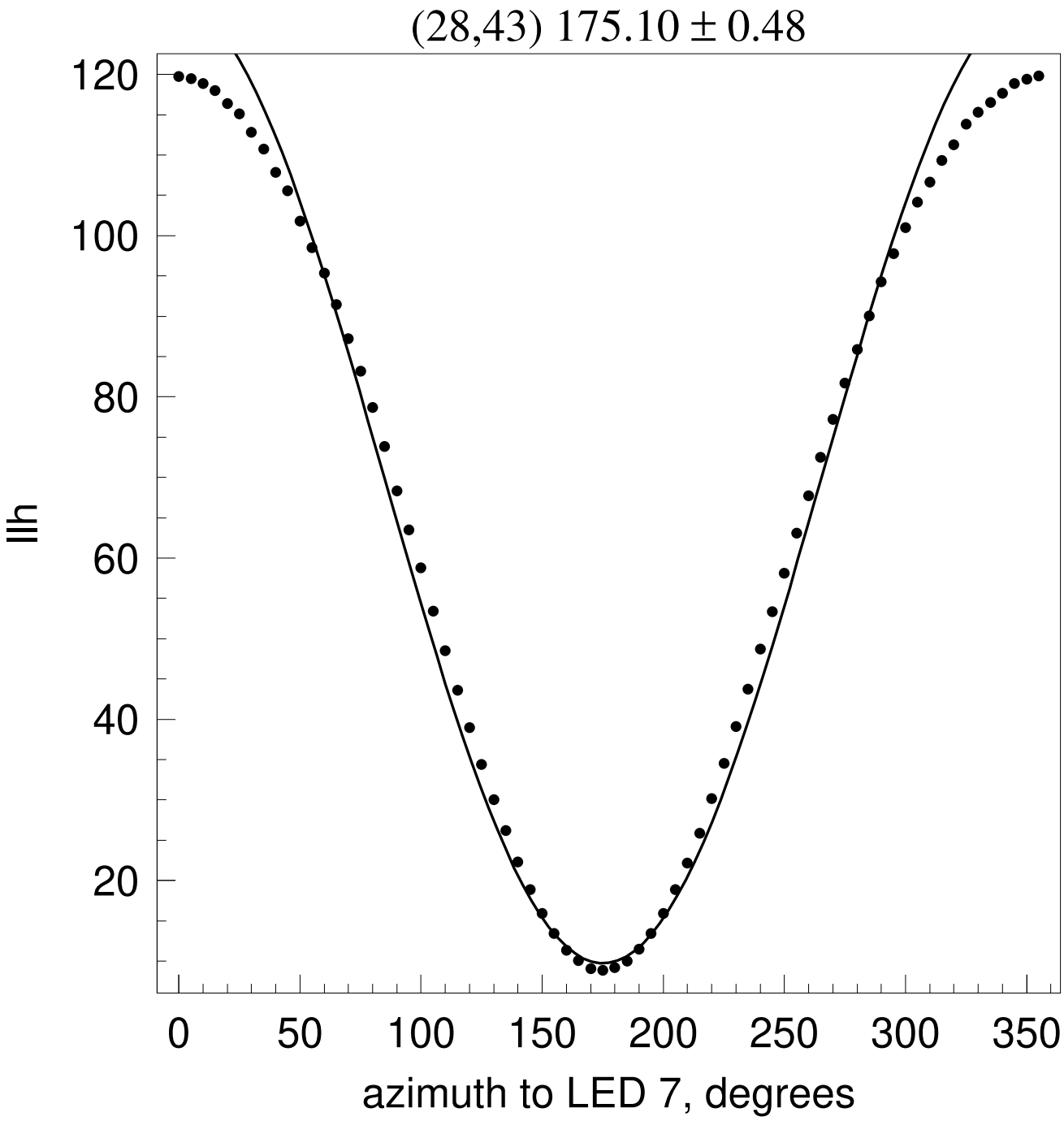

(28,36) 344.06 ± 1.73
29
28.5
28
27.5
27
26.5
26
25.5
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

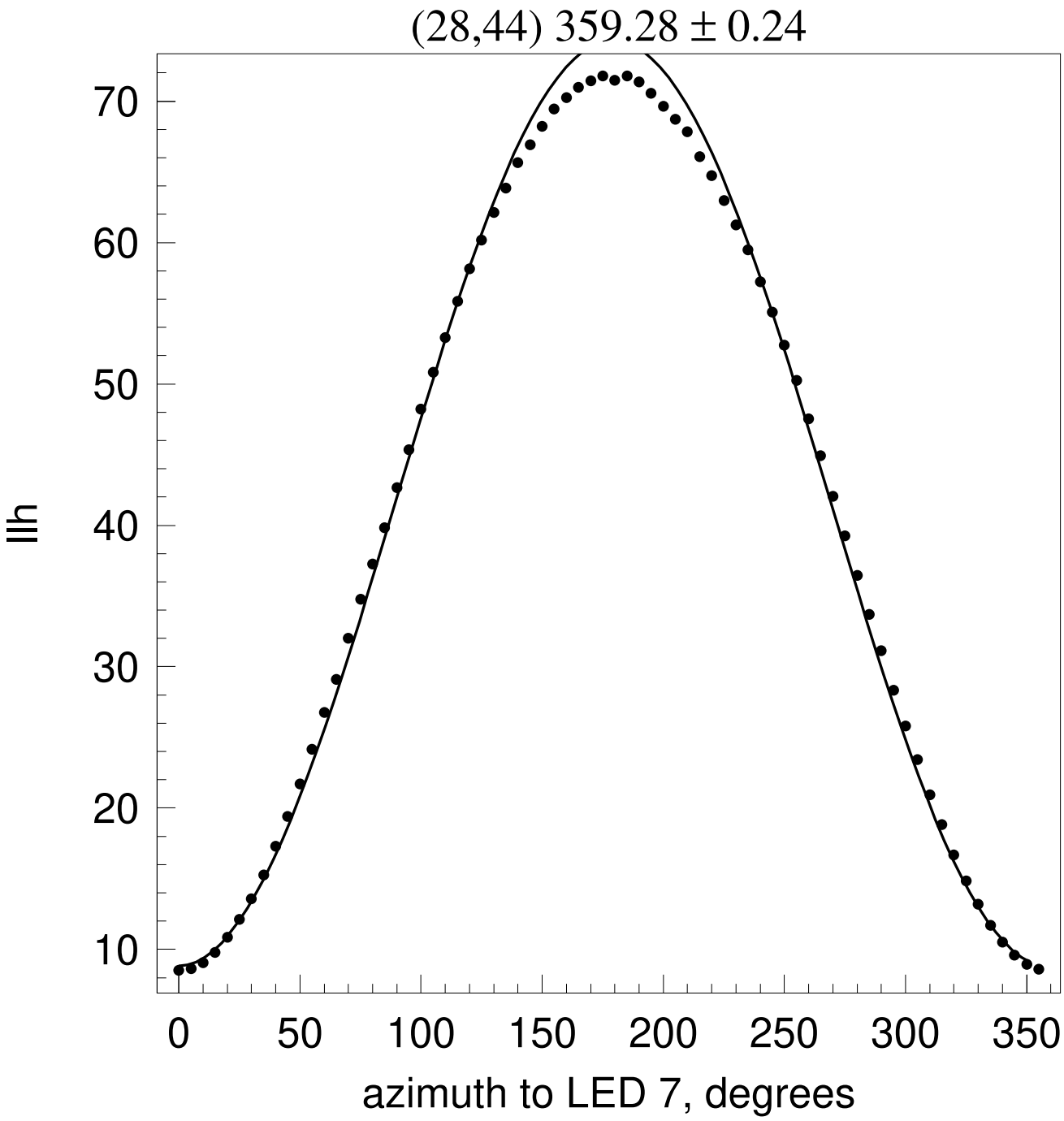

(28,37) 79.98 ± 0.46
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

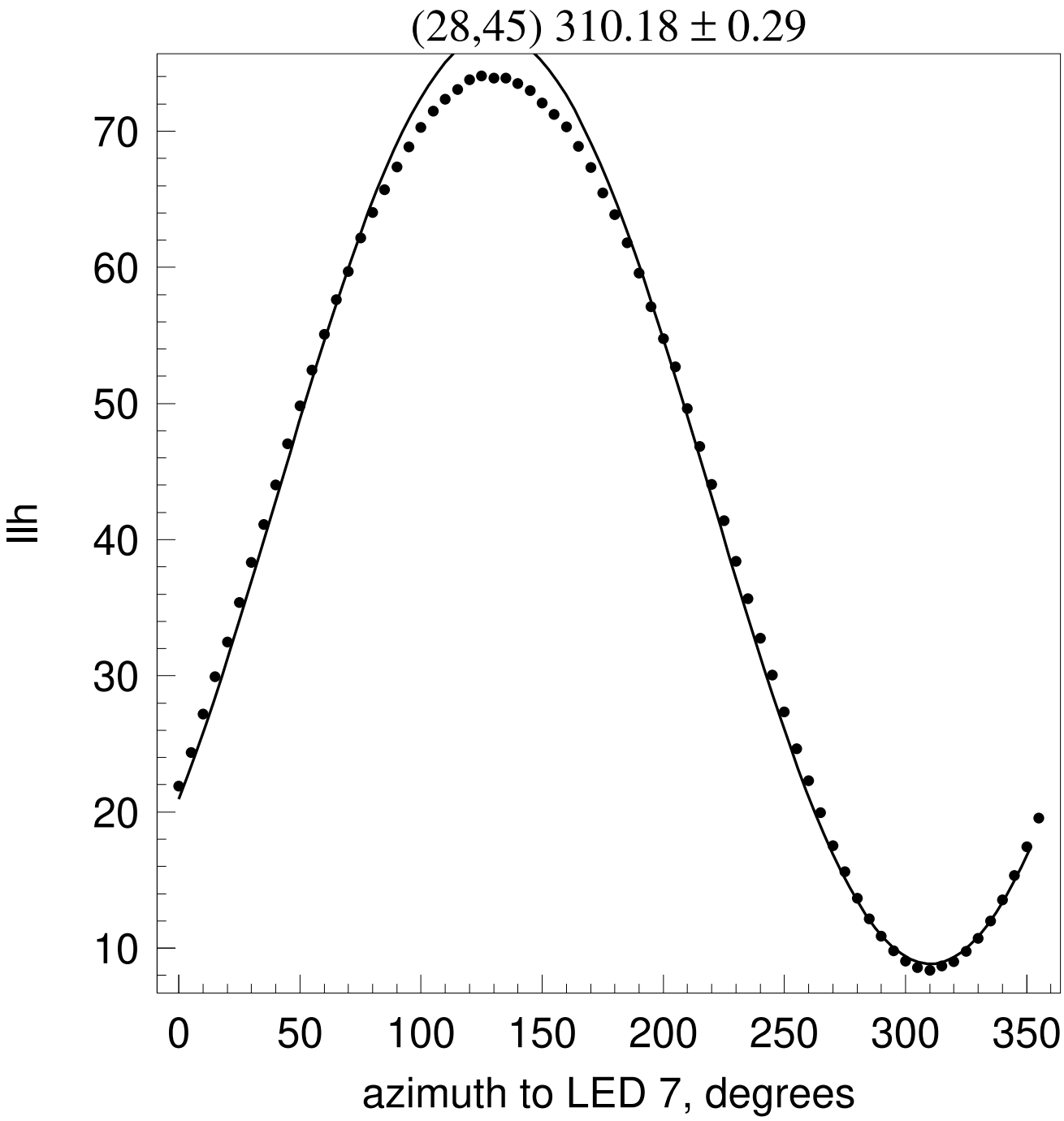

(28,38) 284.49 ± 0.18
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

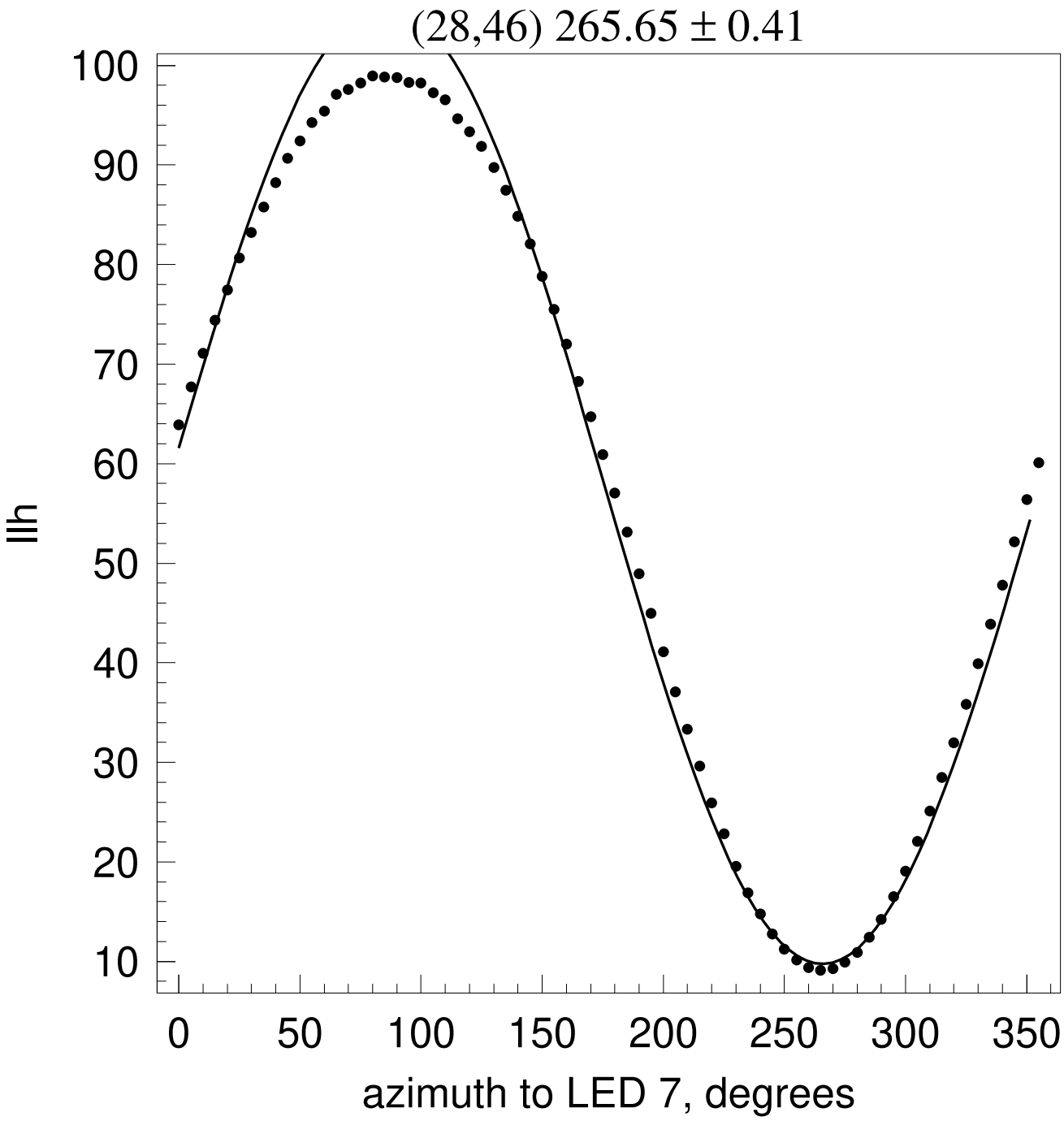

(28,39) 16.19 ± 0.56
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

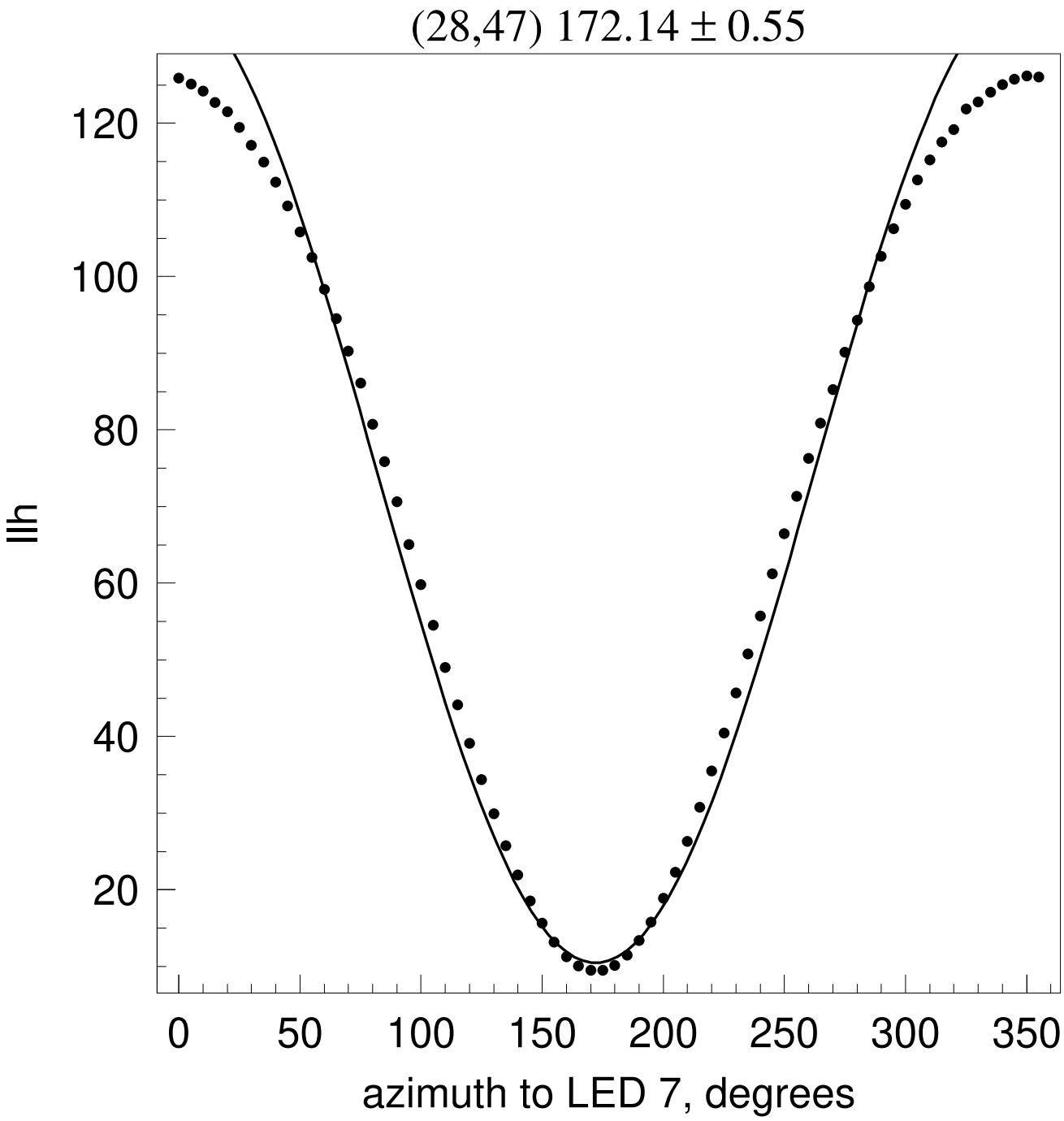

(28,40) 53.43 ± 0.53
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

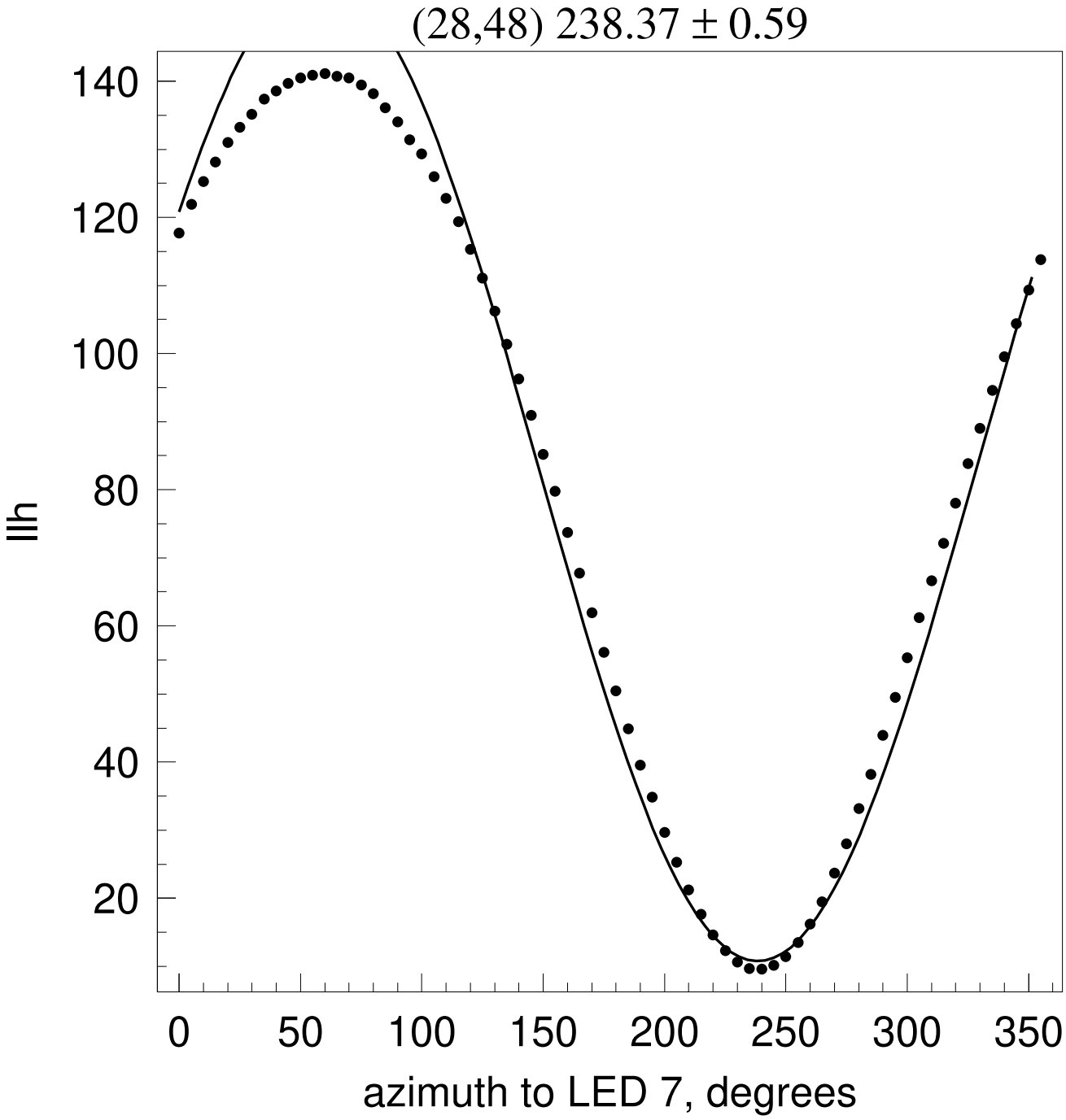

(28,43) 175.10 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

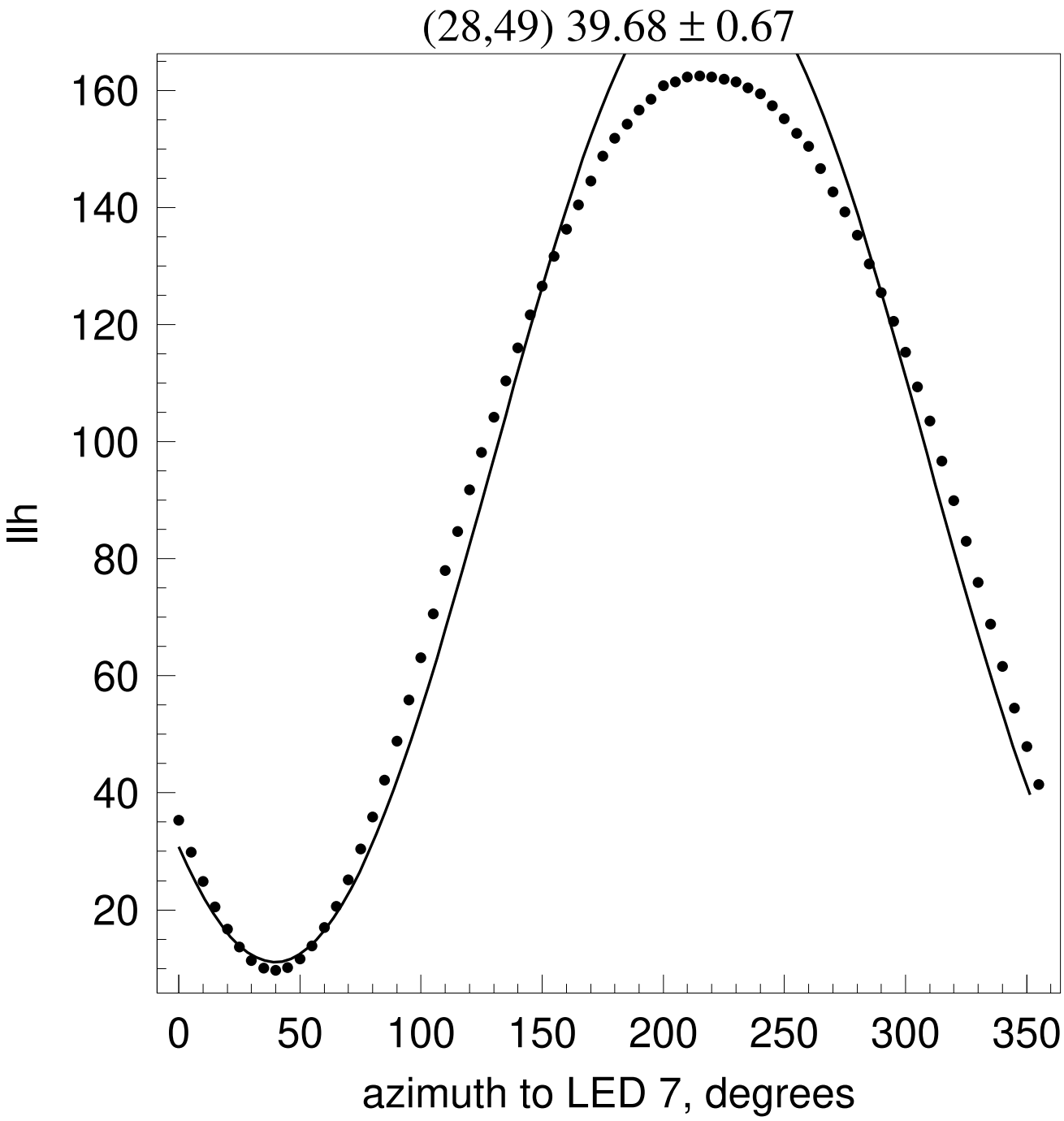

(28,44) 359.28 ± 0.24
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

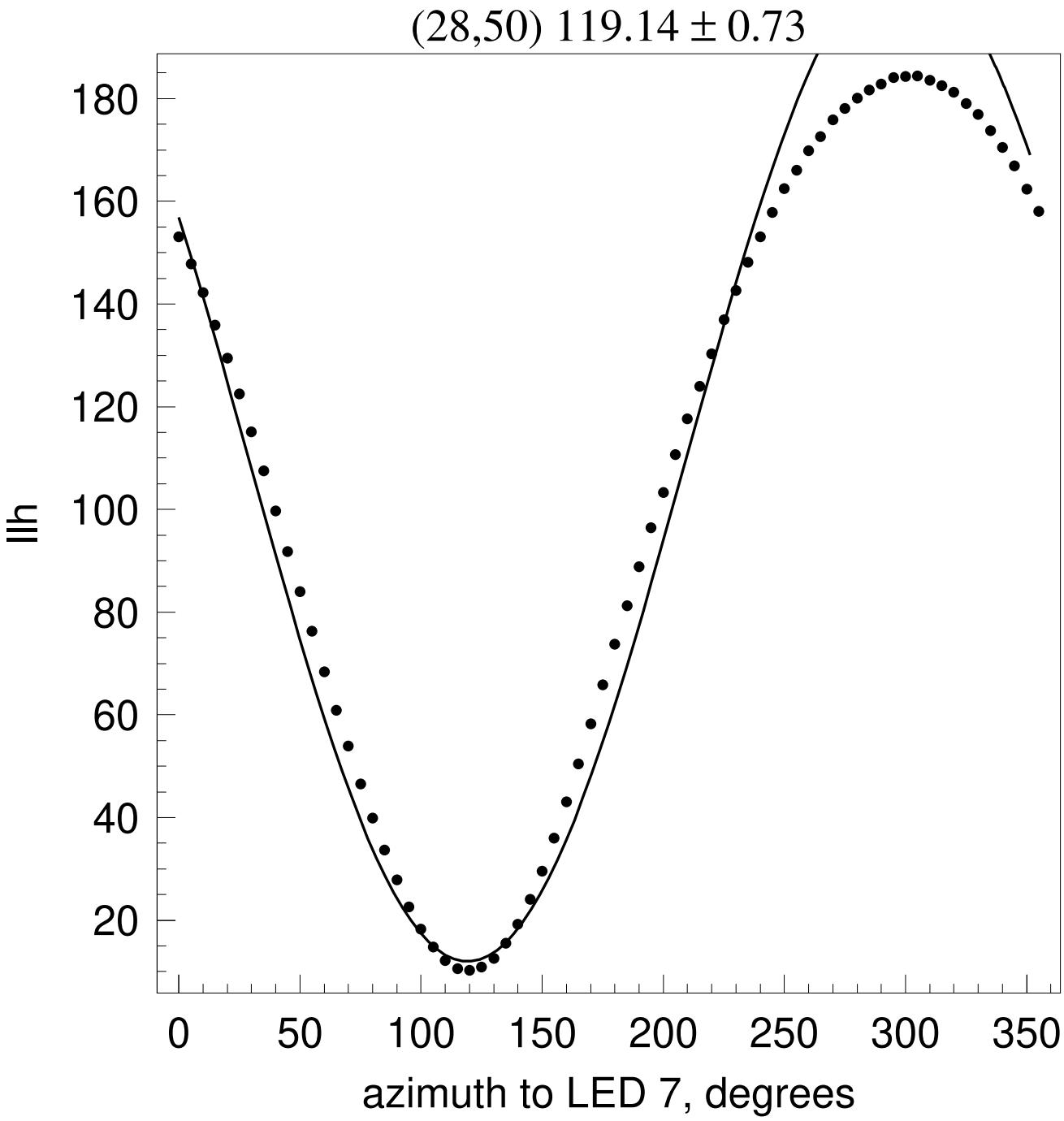

(28,45) 310.18 ± 0.29
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

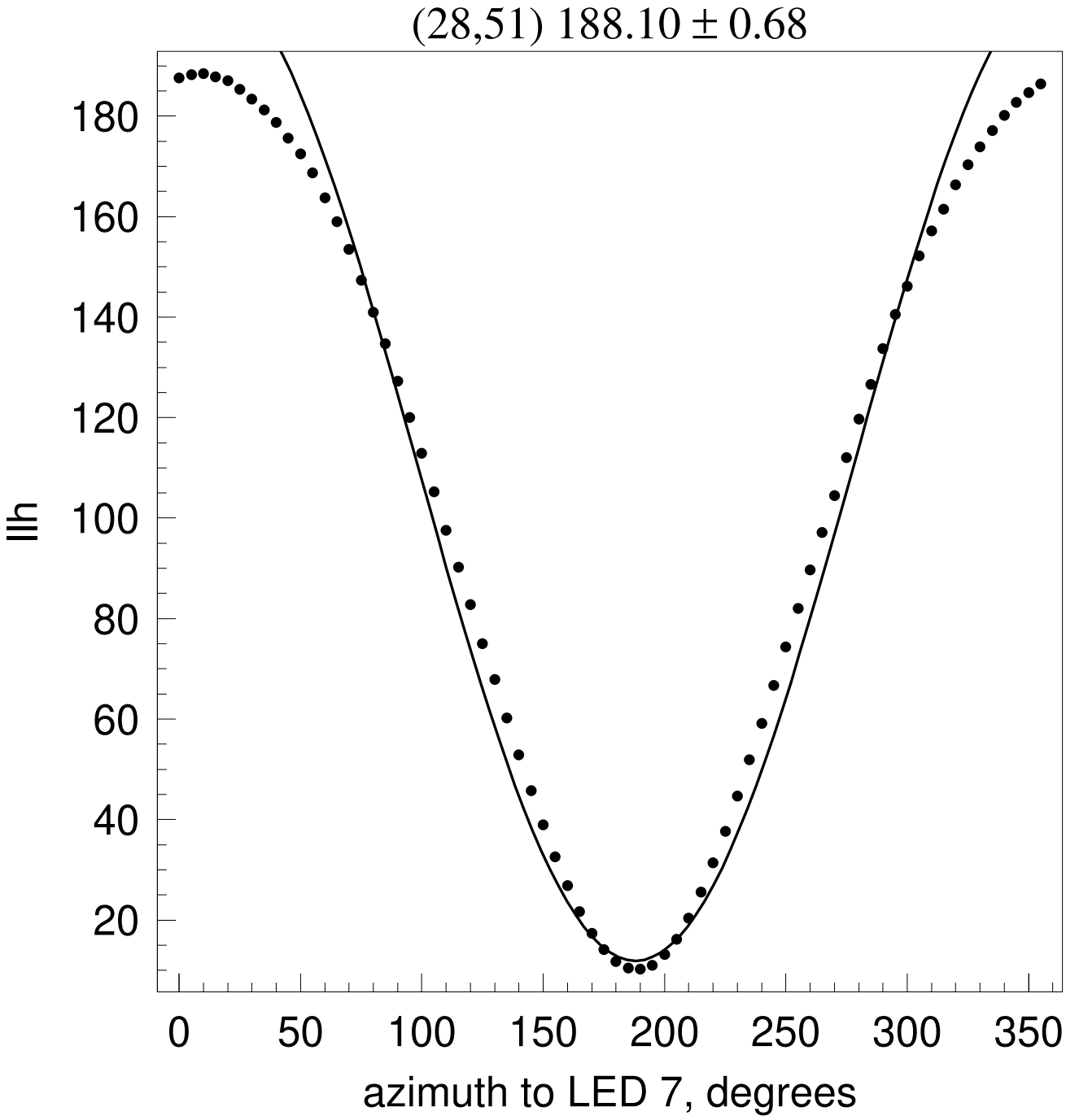

(28,46) 265.65 ± 0.41
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

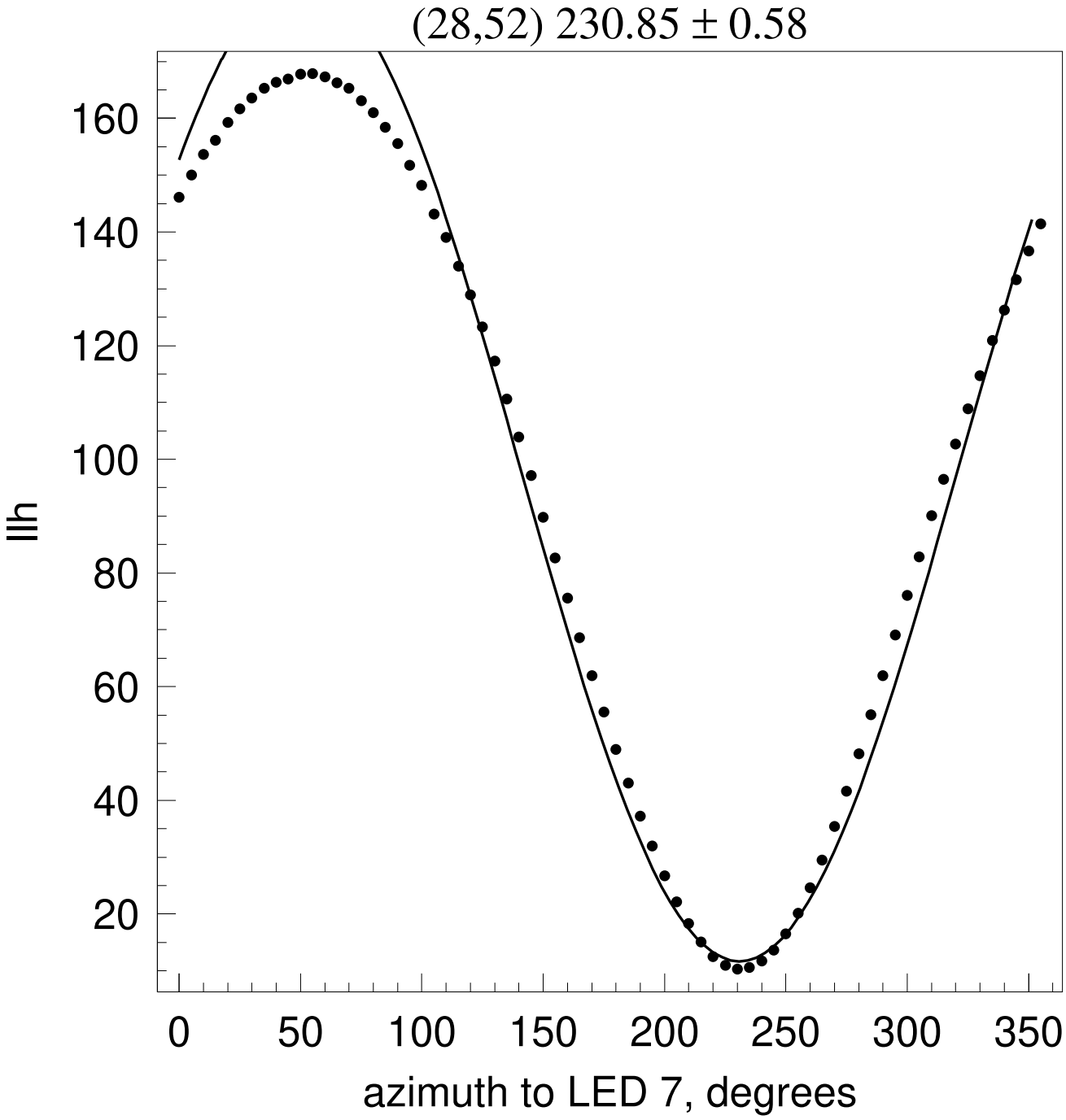

(28,47) 172.14 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

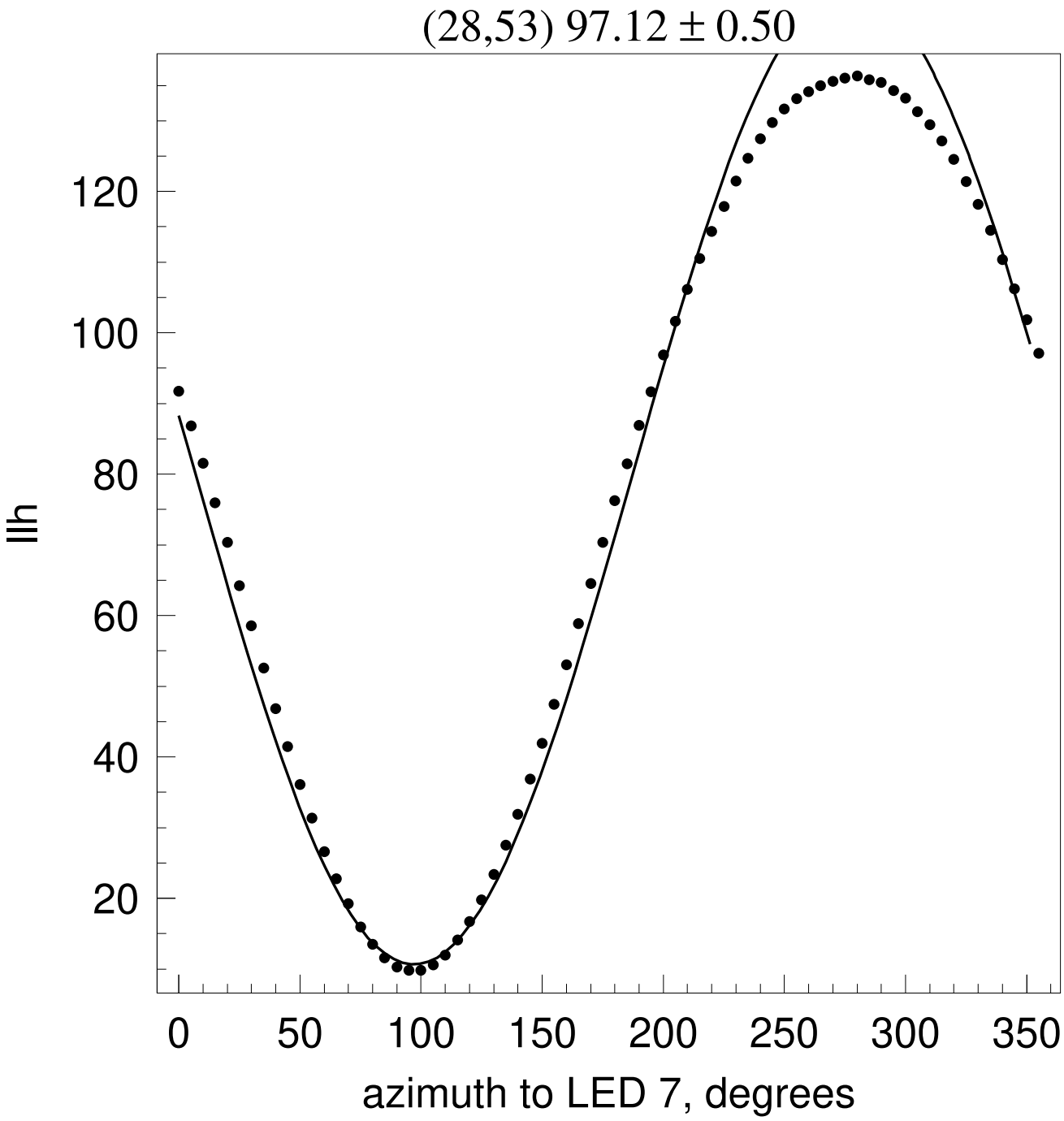

(28,48) 238.37 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

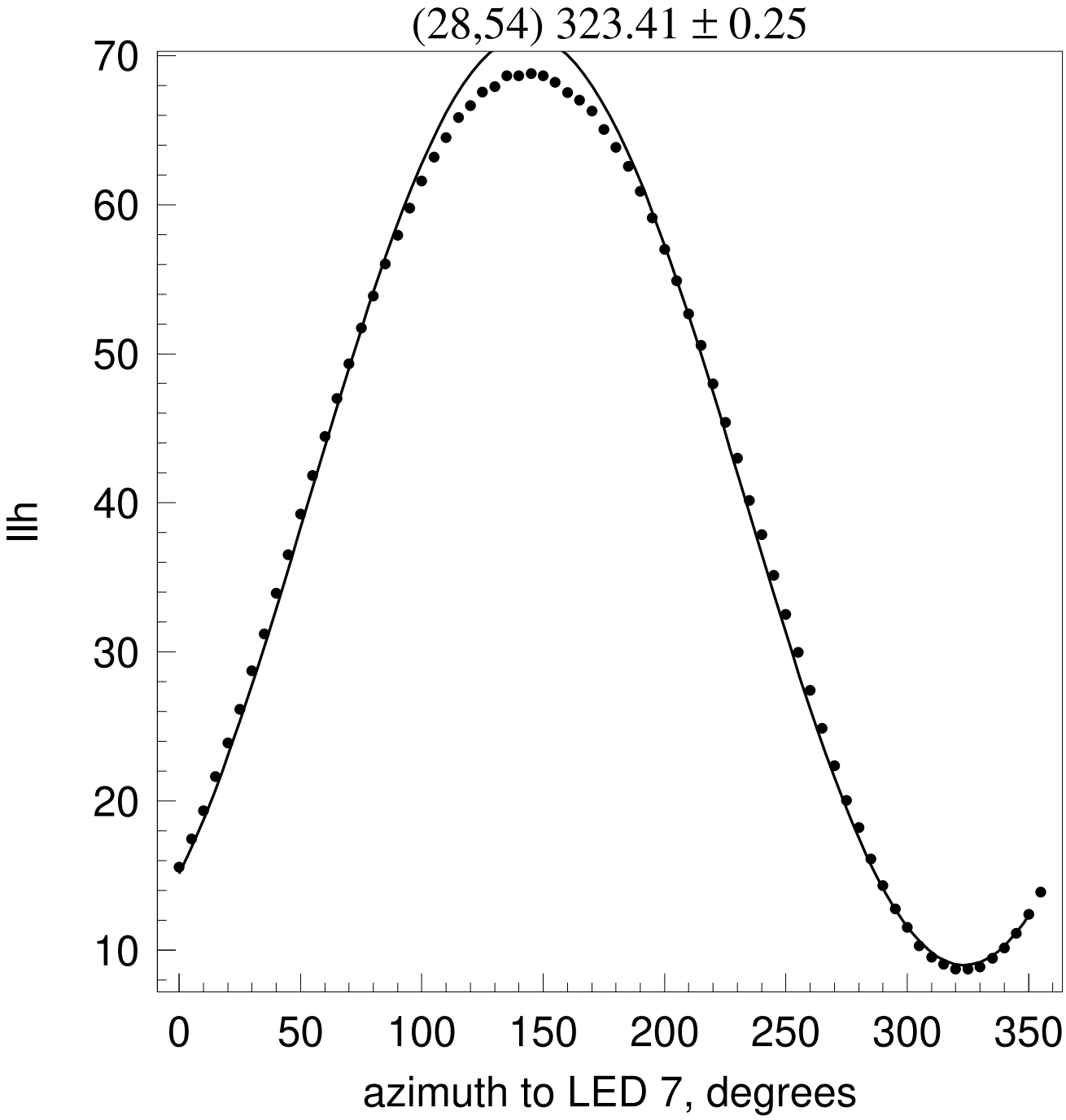

(28,49) 39.68 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

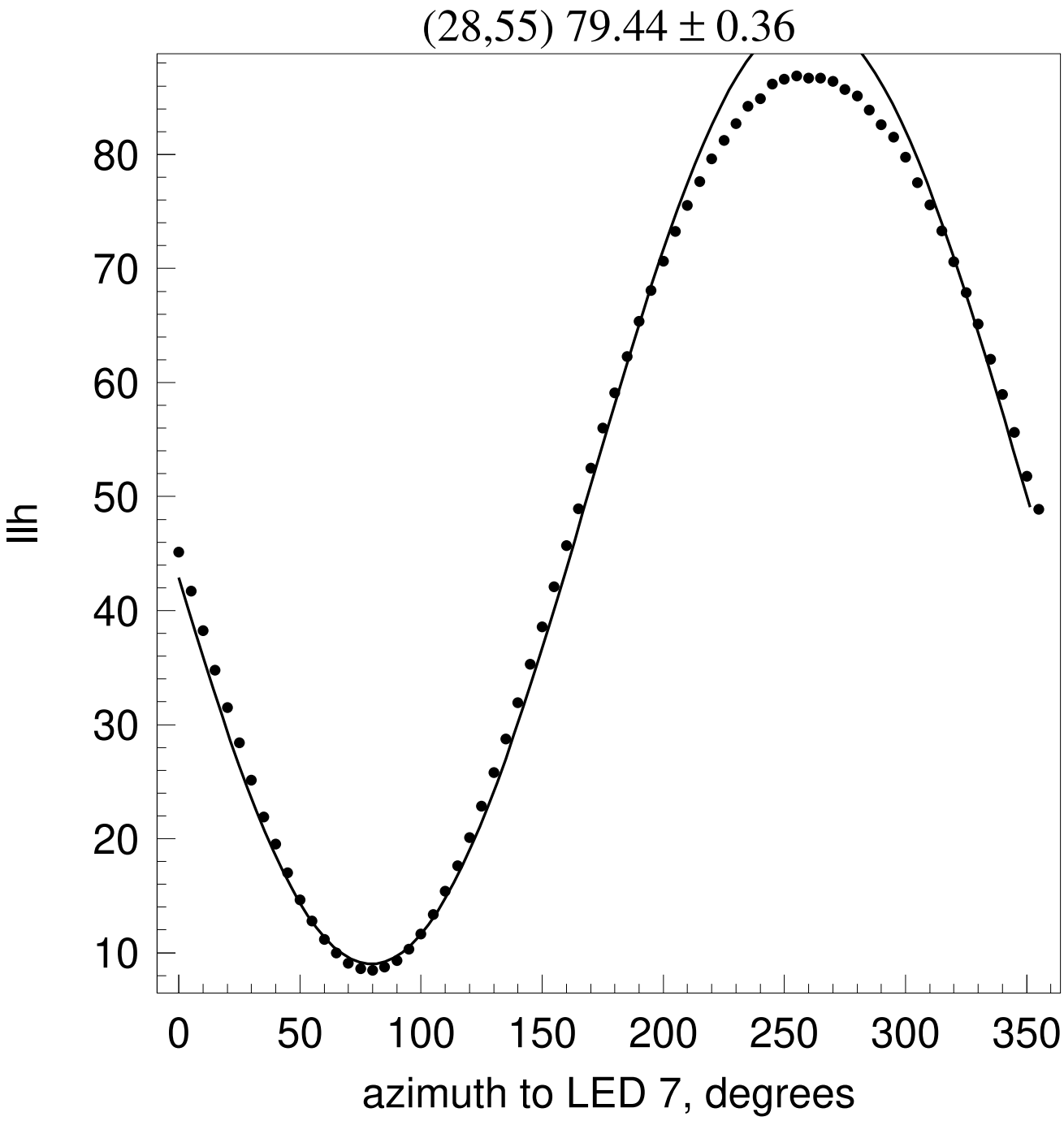

(28,50) 119.14 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

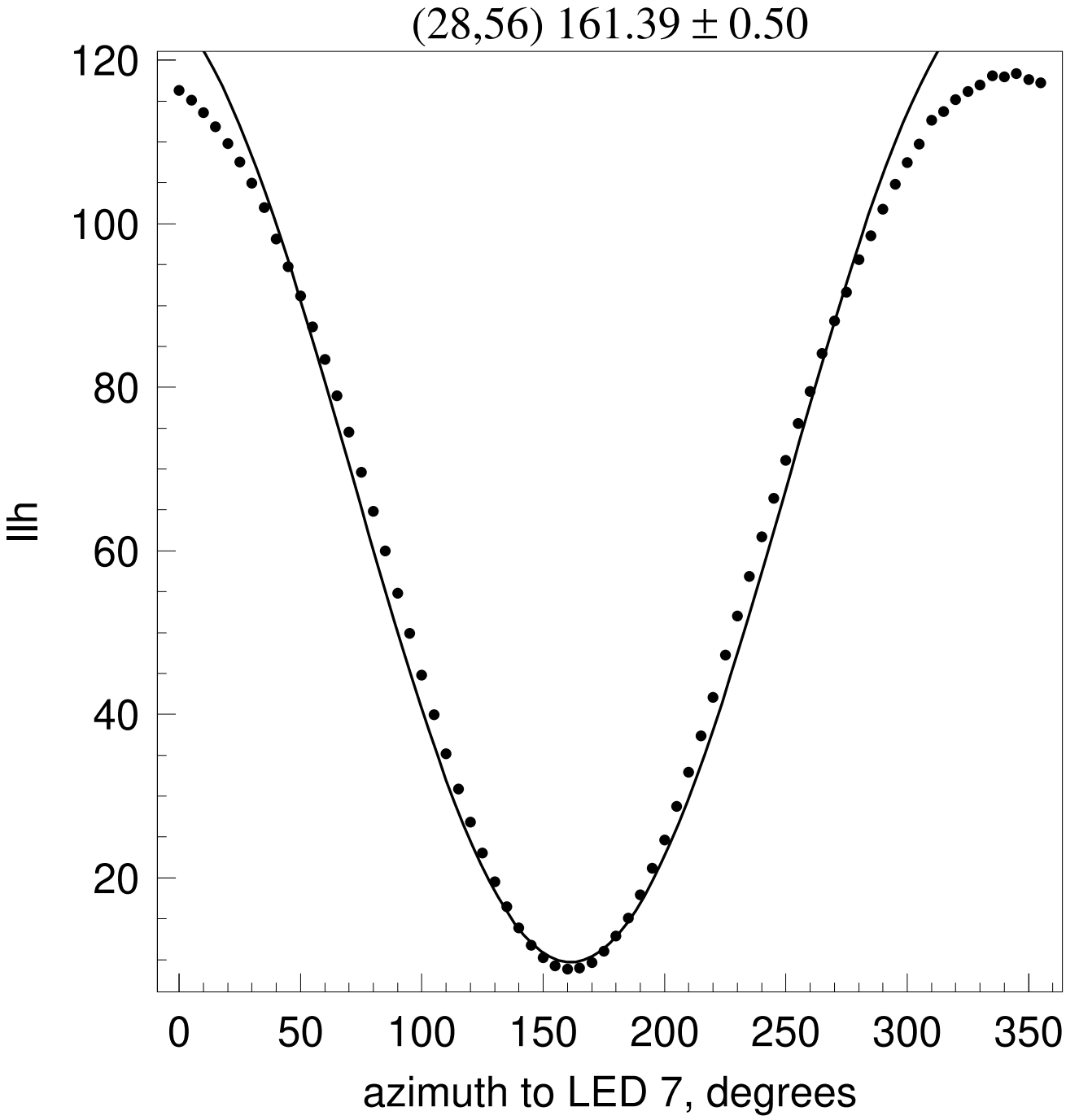

(28,51) 188.10 ± 0.68
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

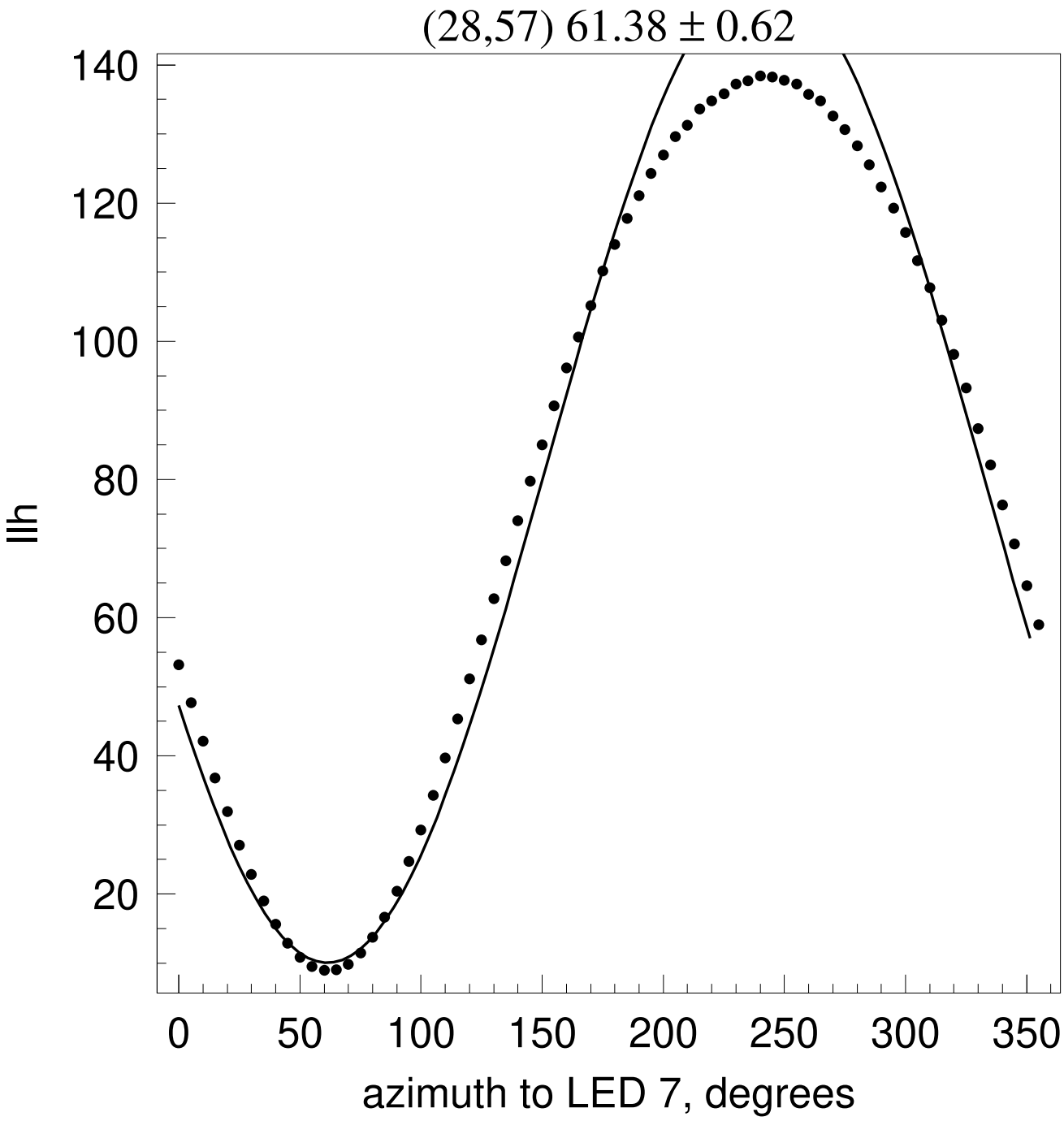

(28,52) 230.85 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

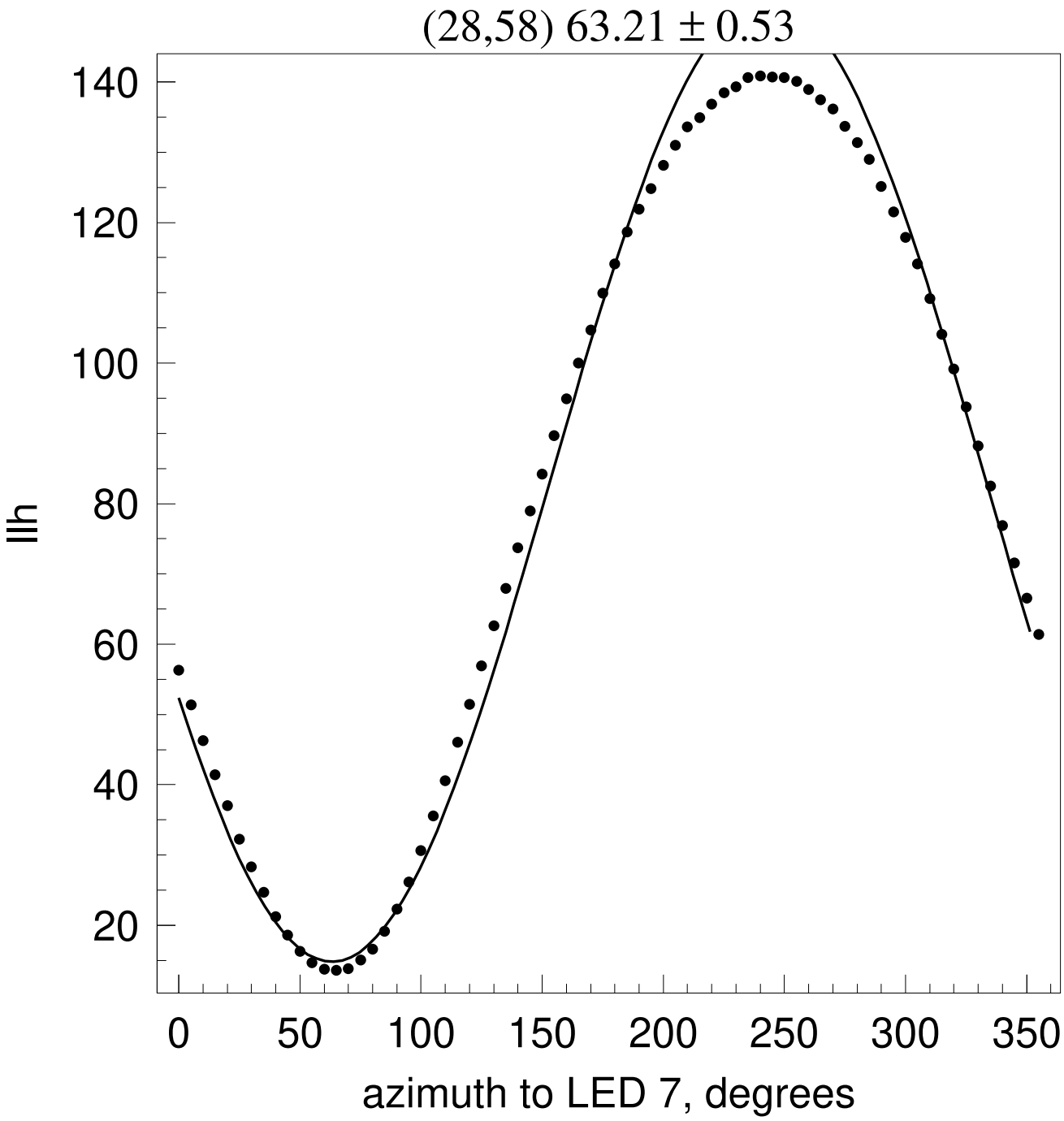

(28,53) 97.12 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

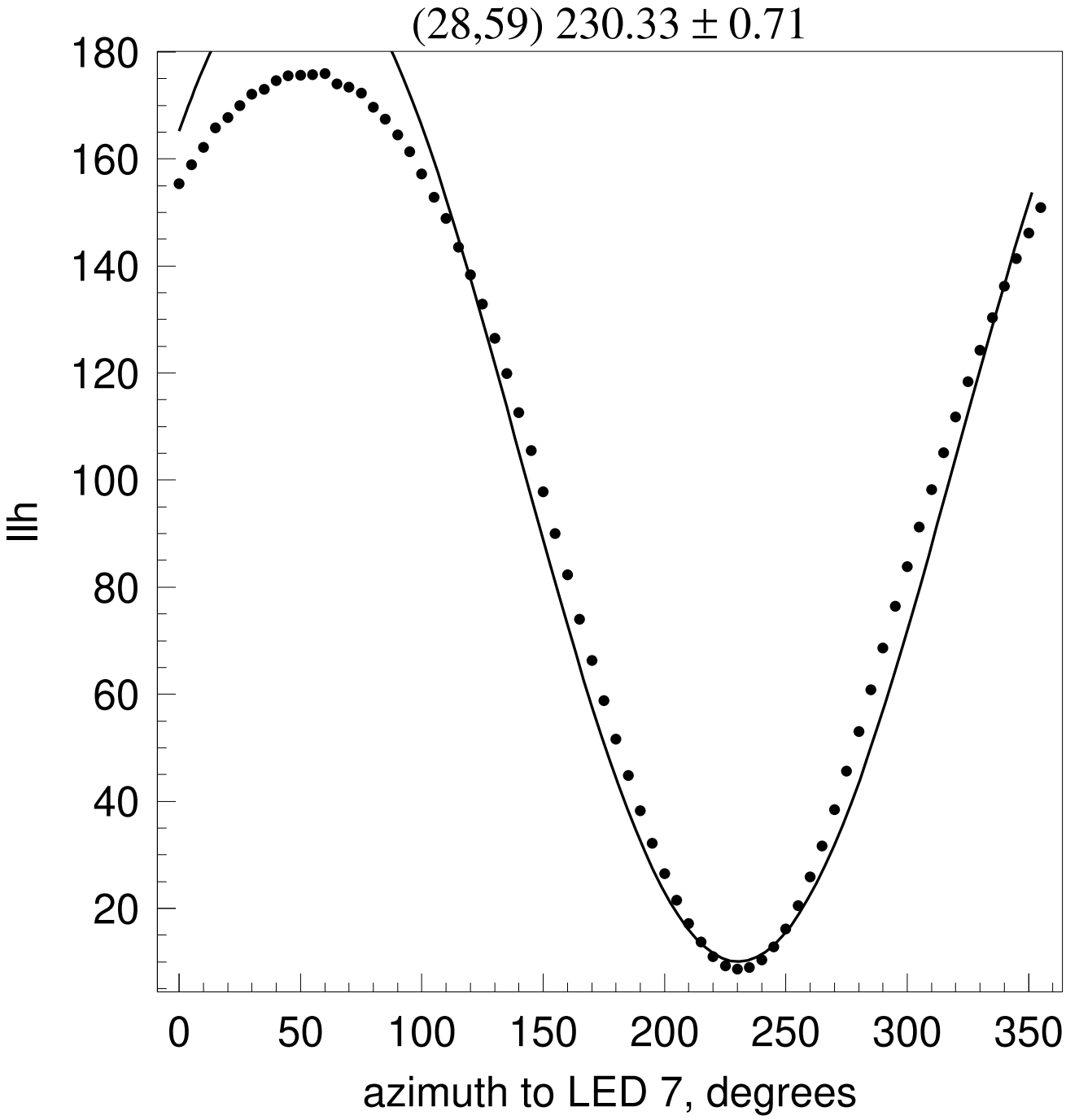

(28,54) 323.41 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

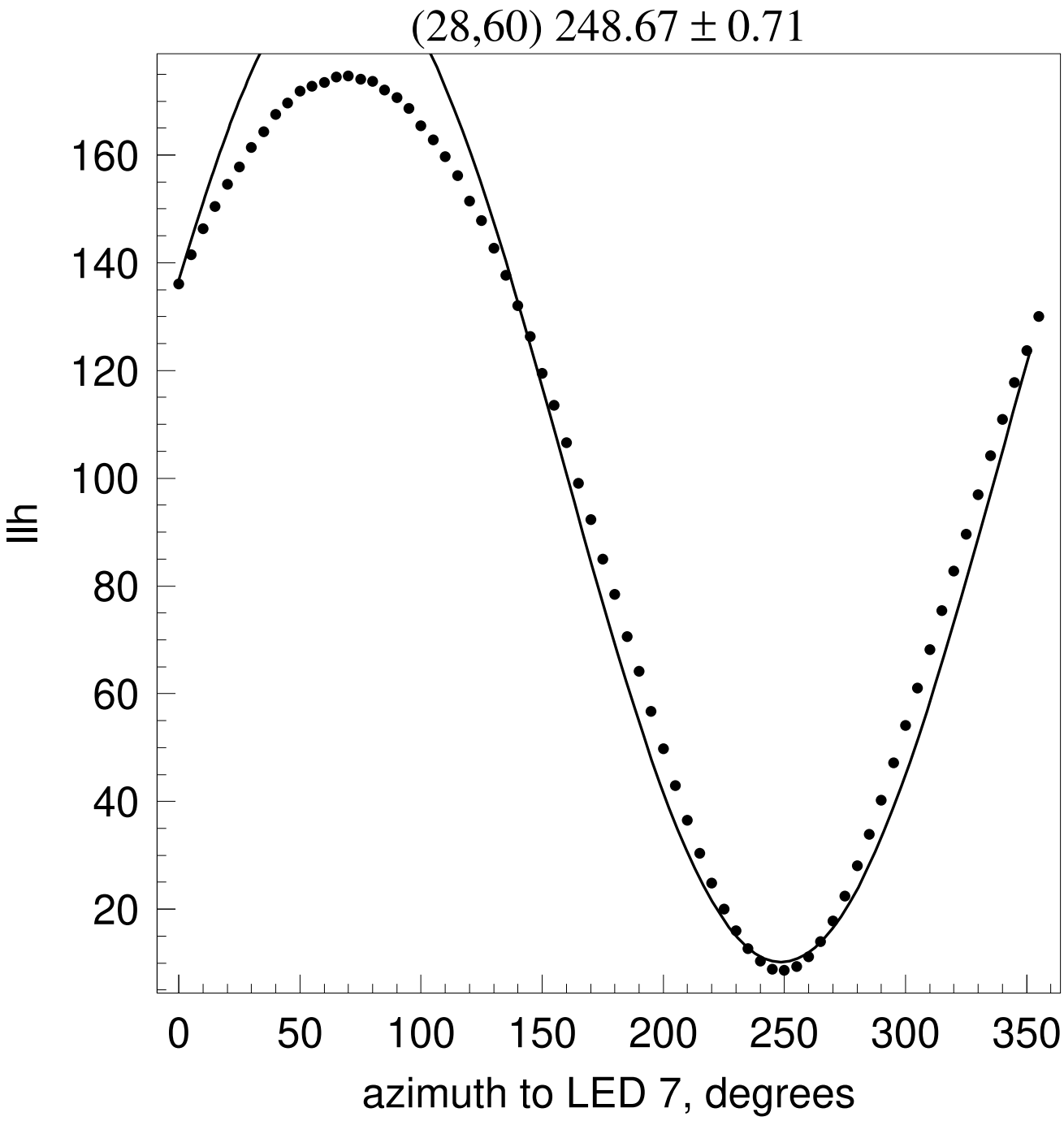

(28,55) 79.44 ± 0.36
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

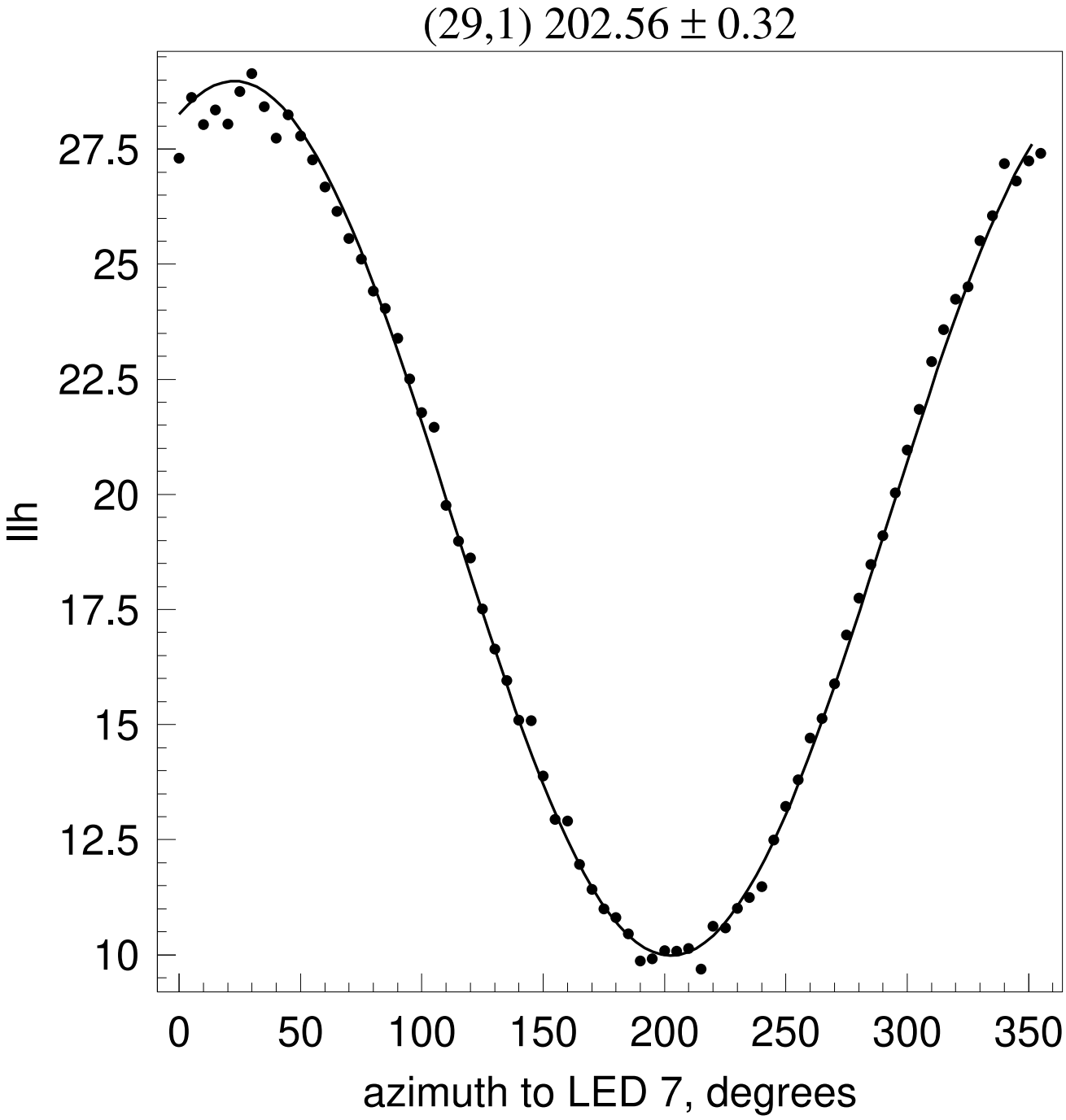

(28,56) 161.39 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

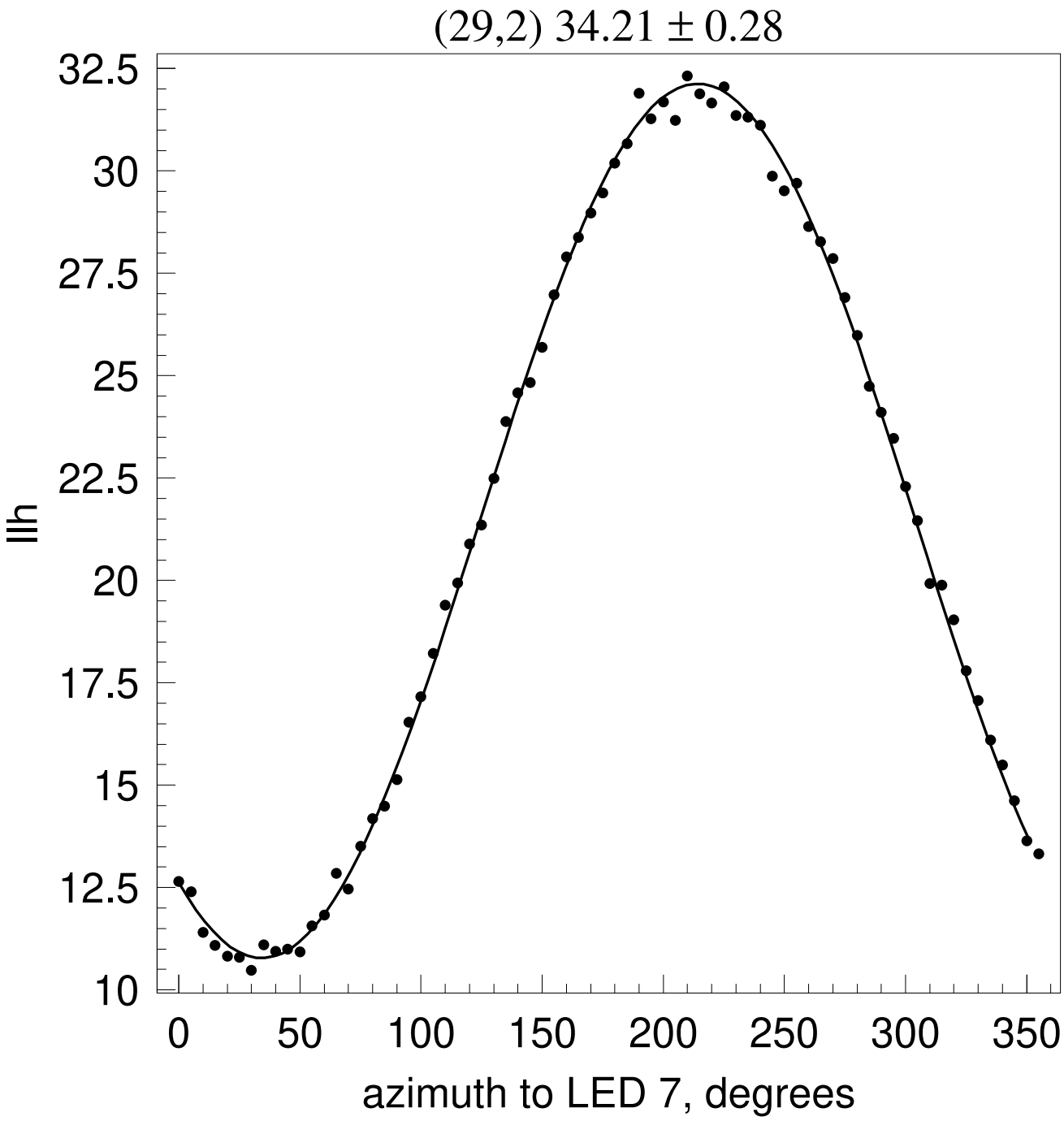

(28,57) 61.38 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

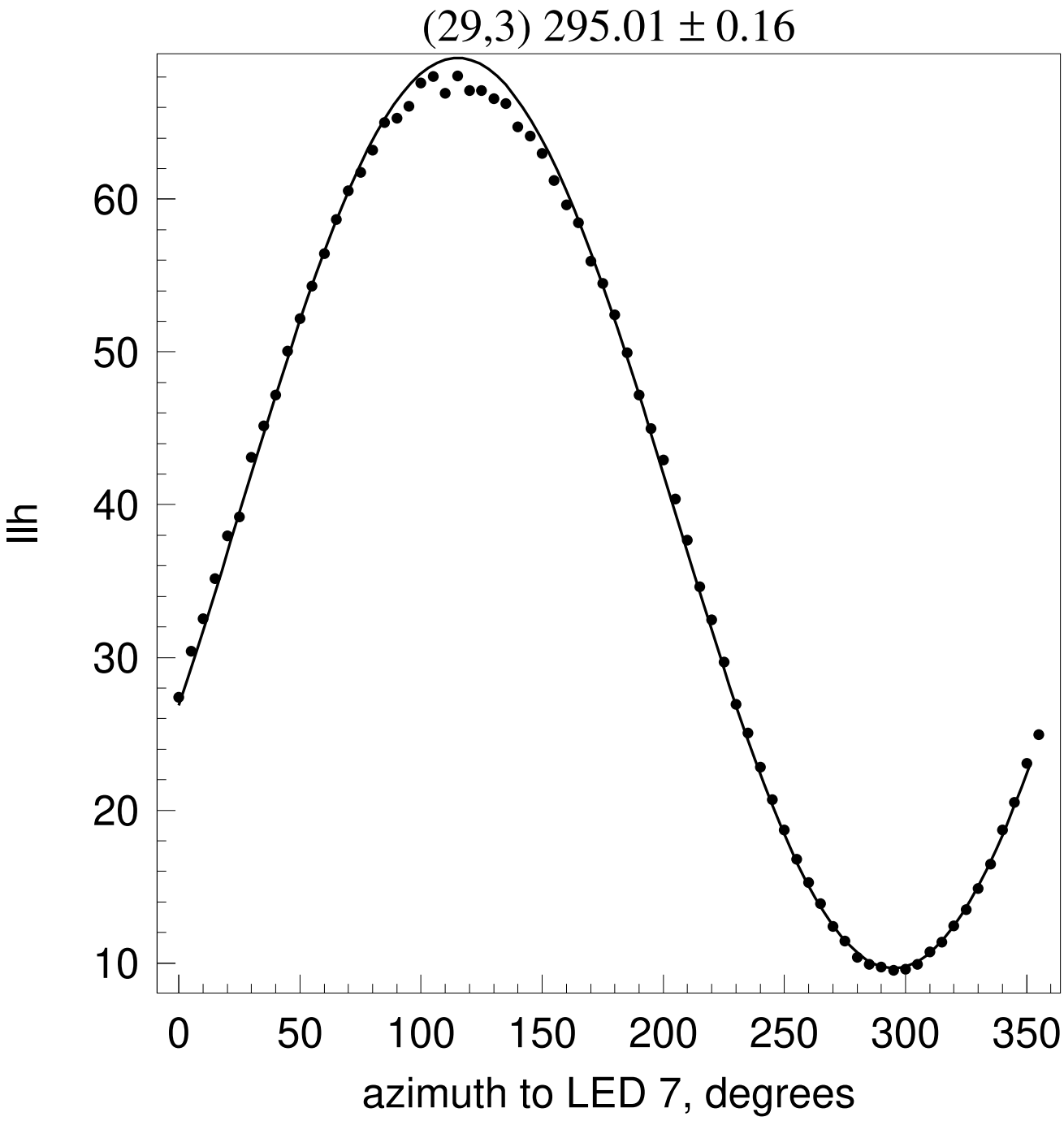

(28,58) 63.21 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

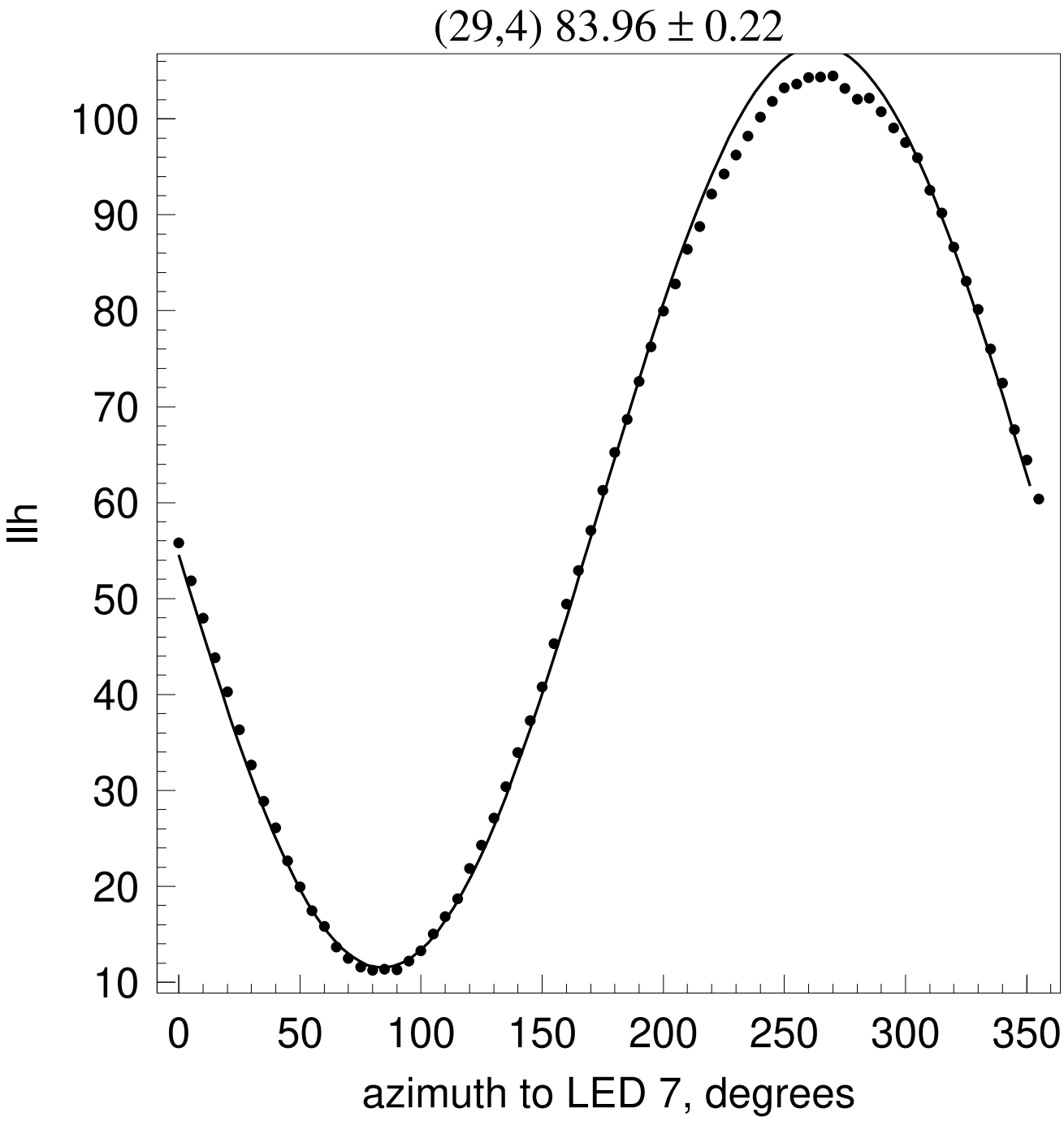

(28,59) 230.33 ± 0.71
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

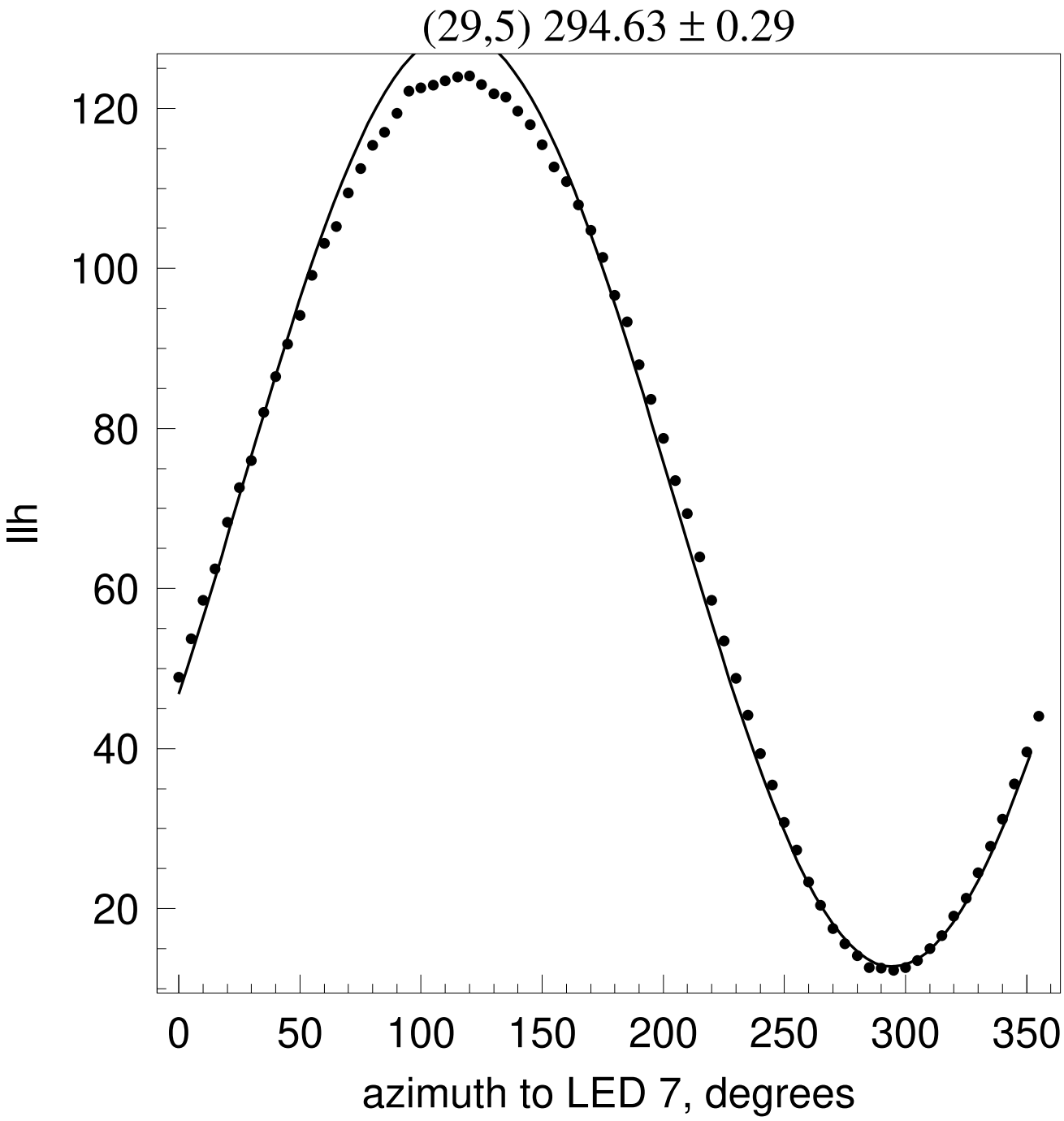

(28,60) 248.67 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

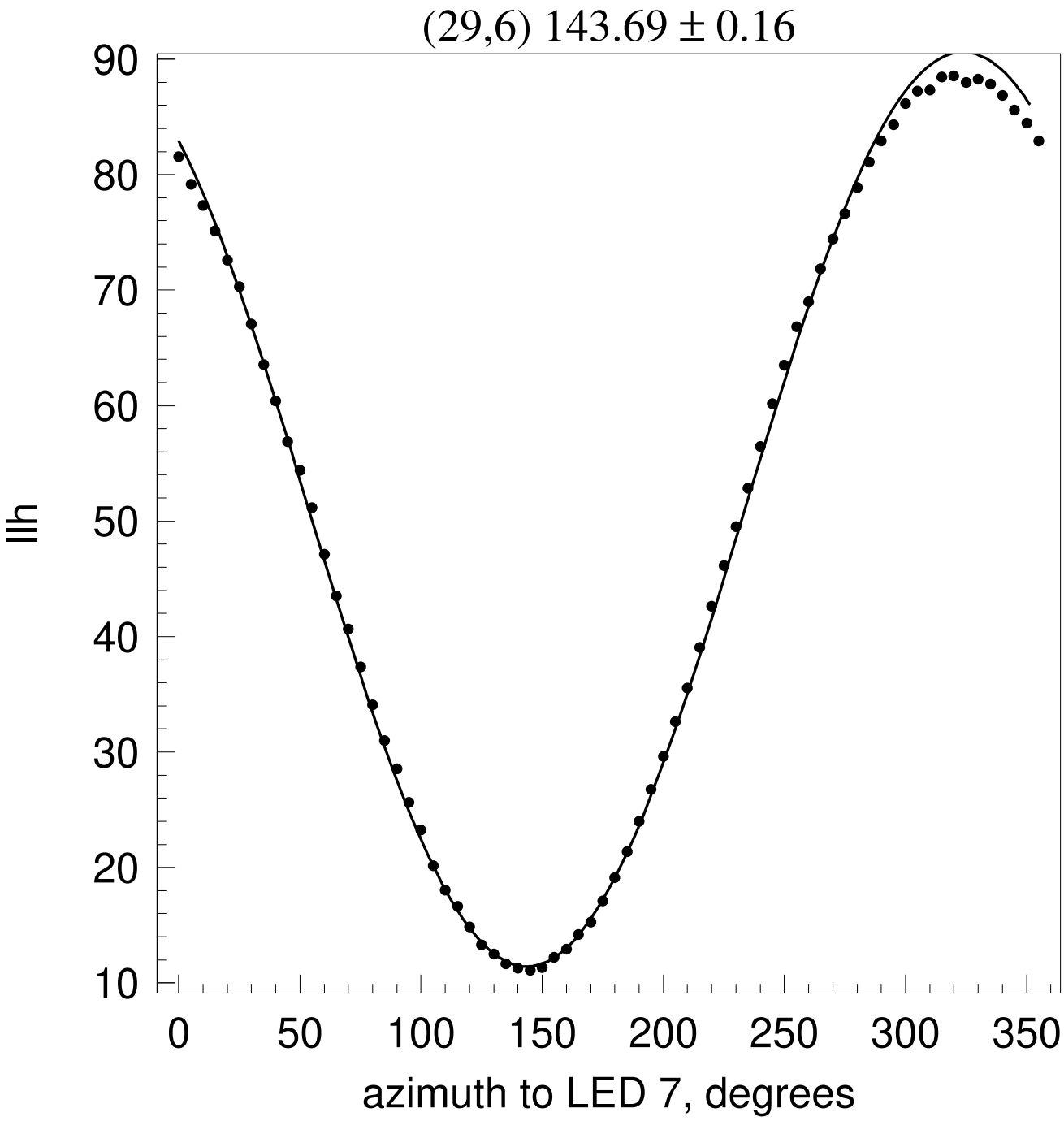

(29,1) 202.56 ± 0.32
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

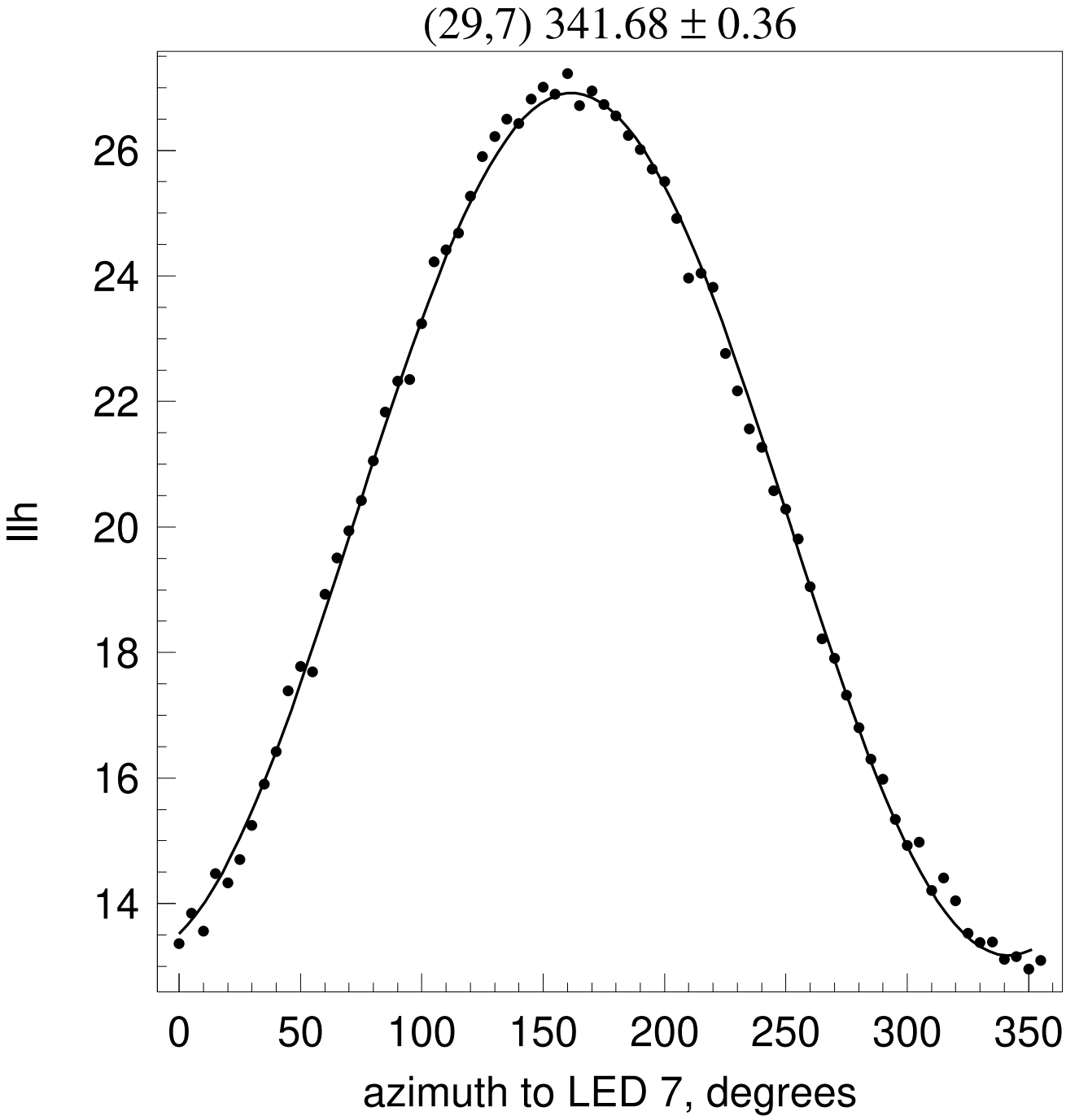

(29,2) 34.21 ± 0.28
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

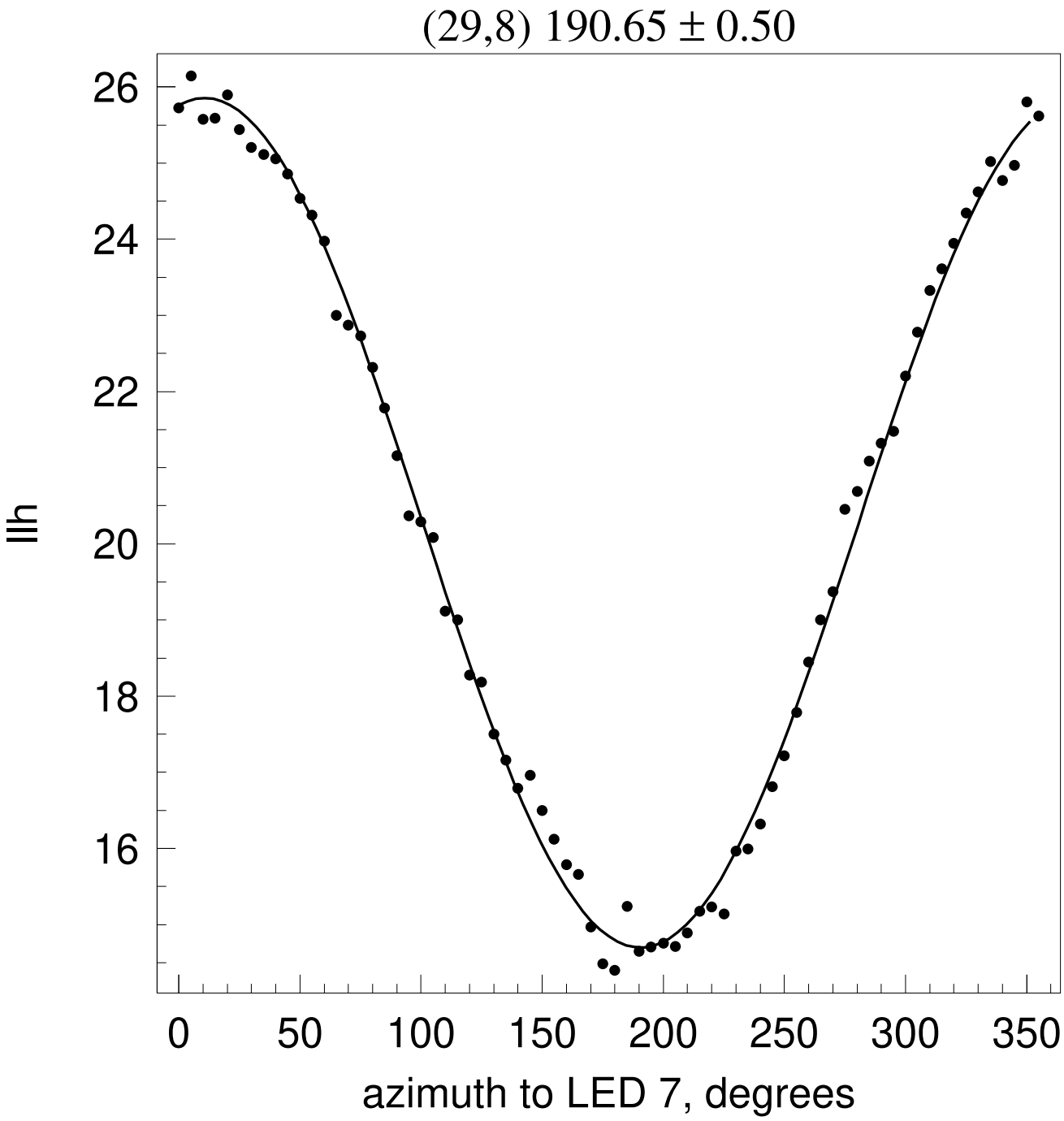

(29,3) 295.01 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

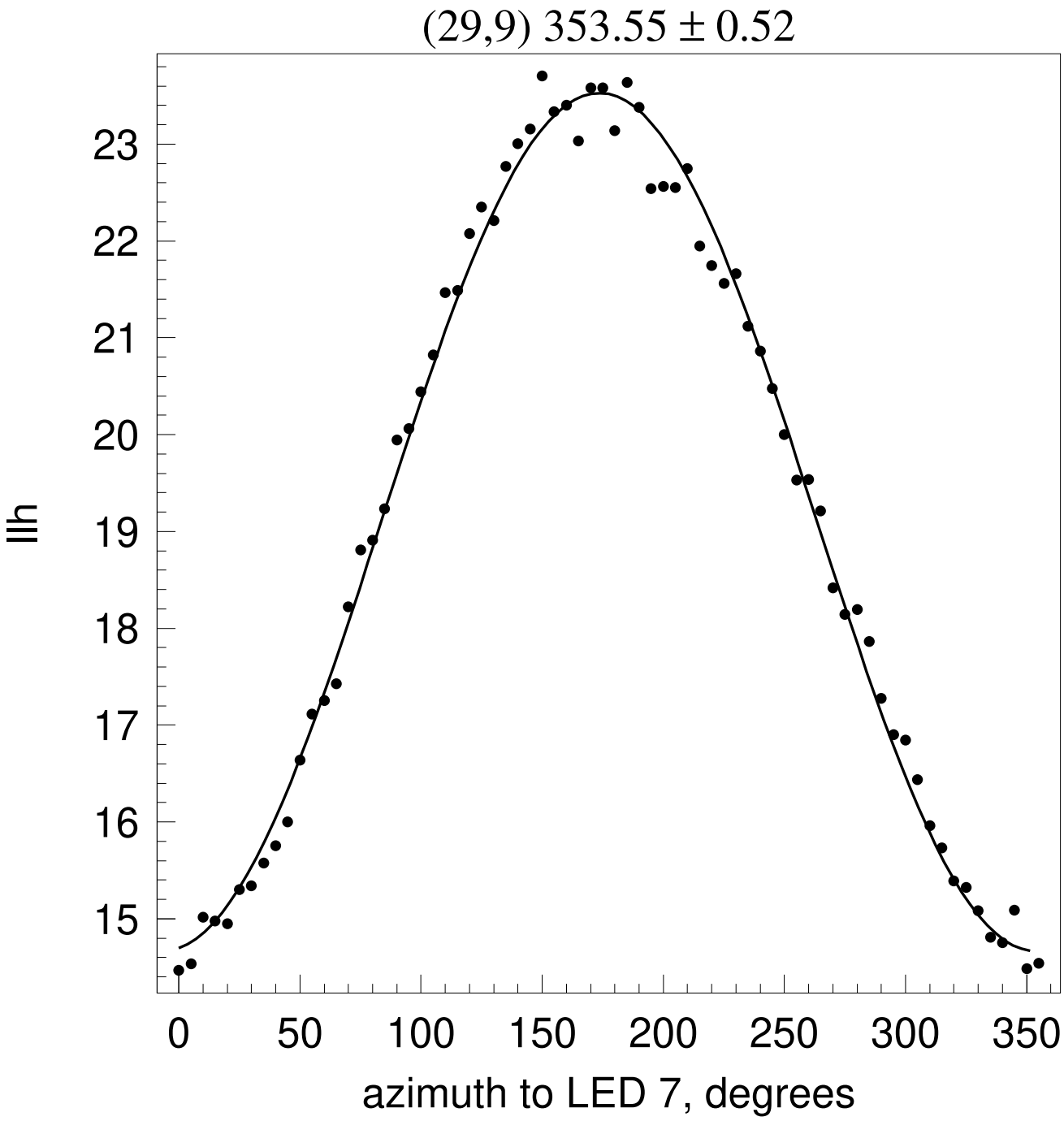

(29,4) 83.96 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

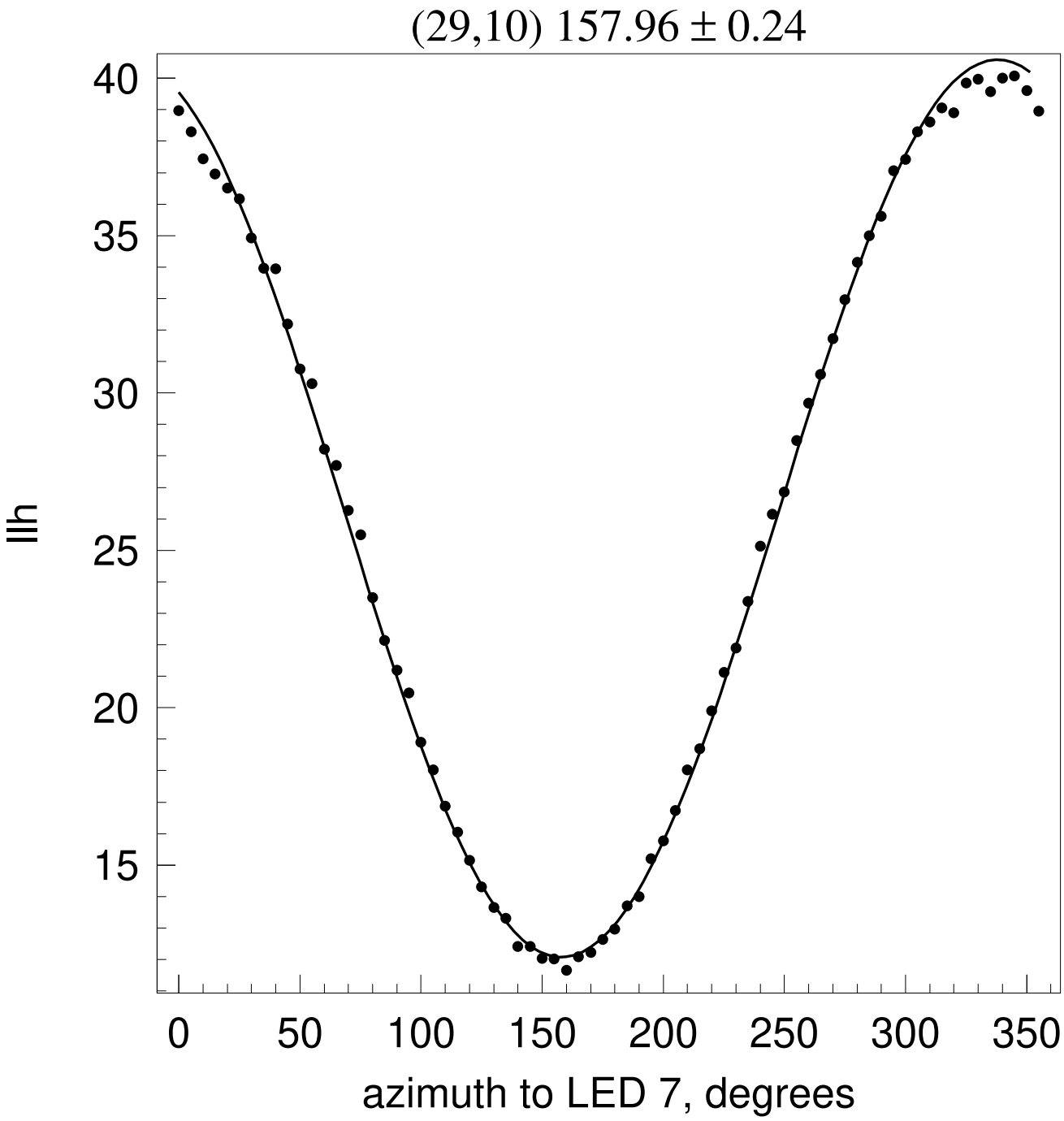

(29,5) 294.63 ± 0.29
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

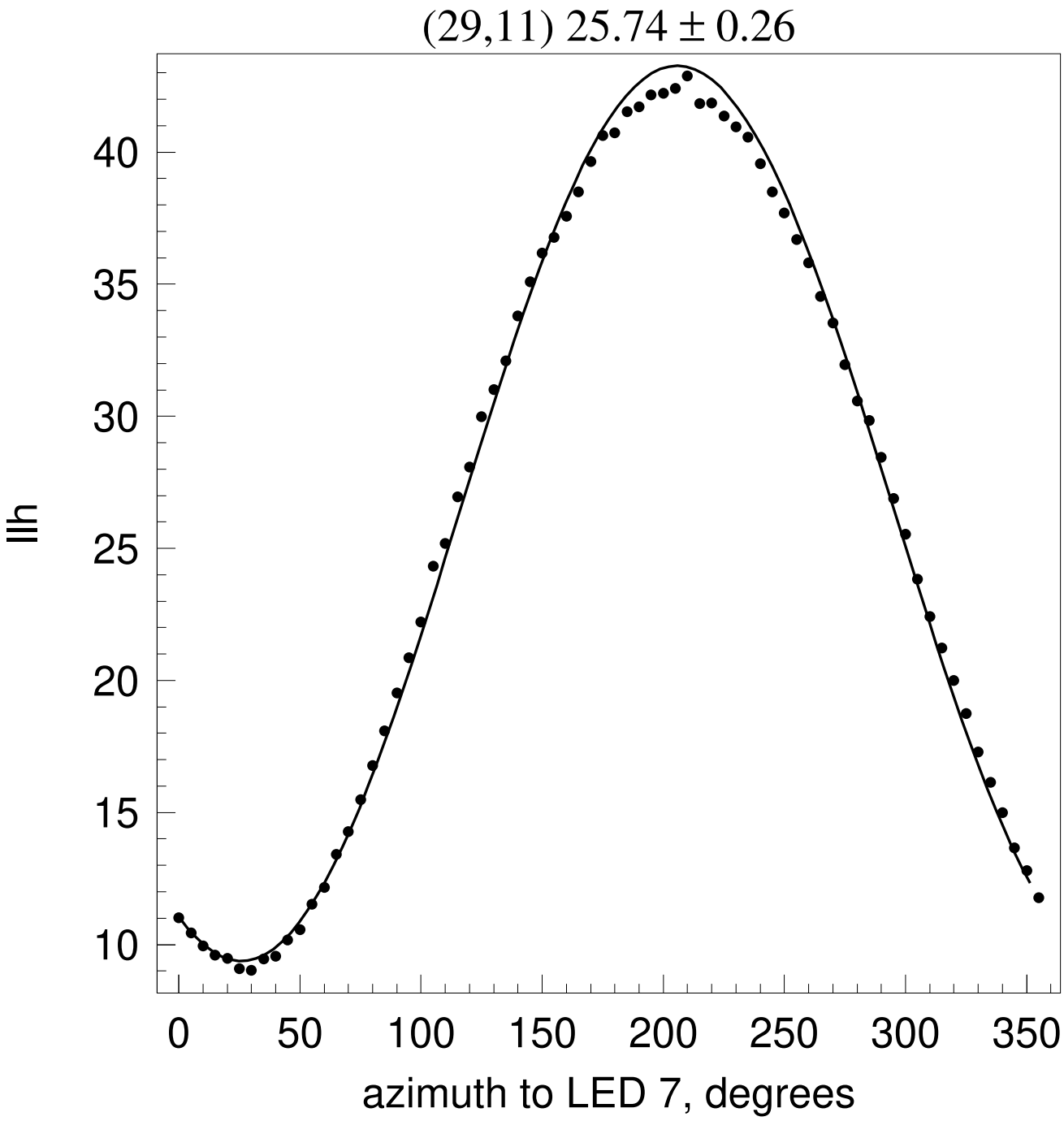

(29,6) 143.69 ± 0.16
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

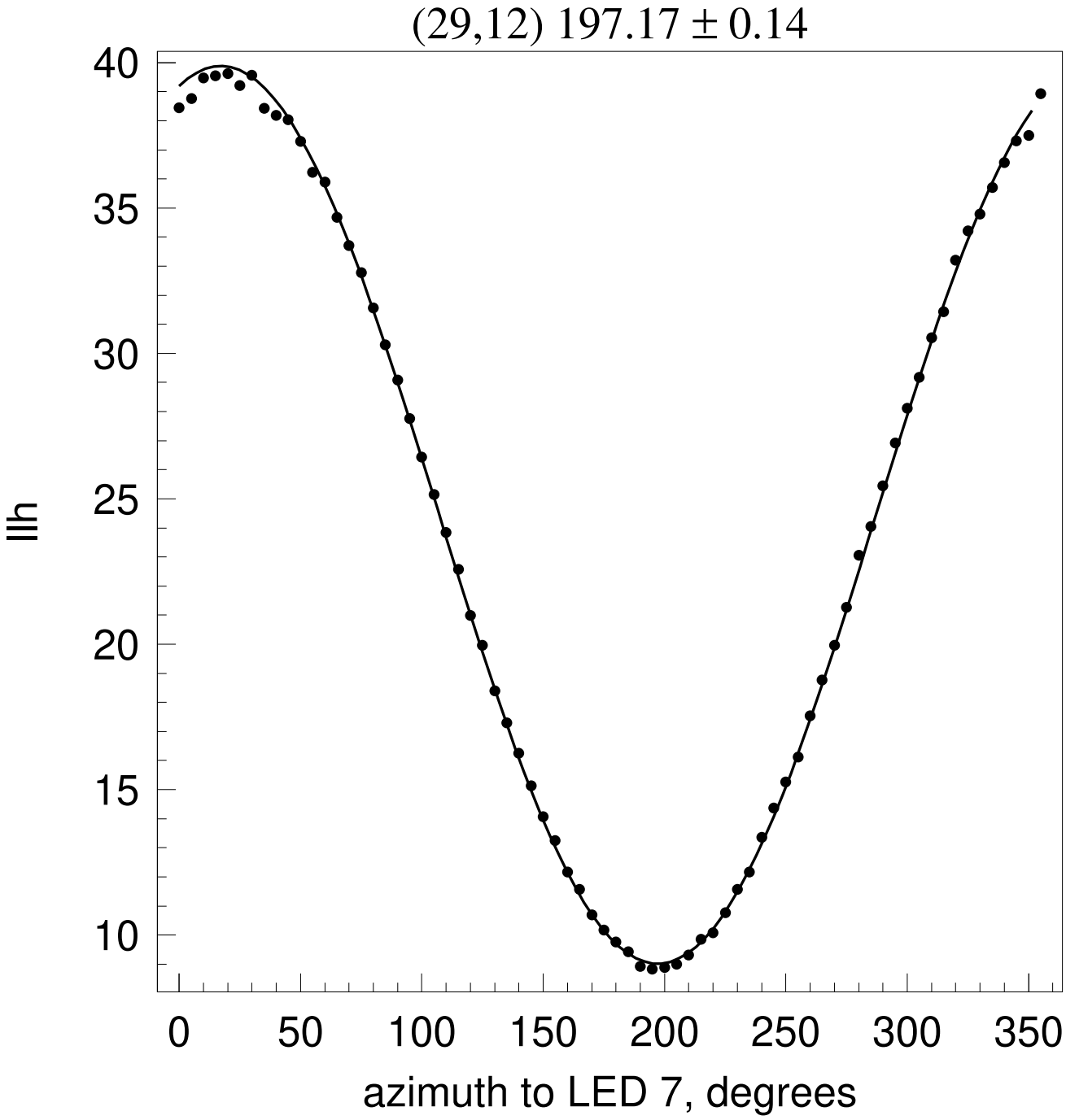

(29,7) 341.68 ± 0.36
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

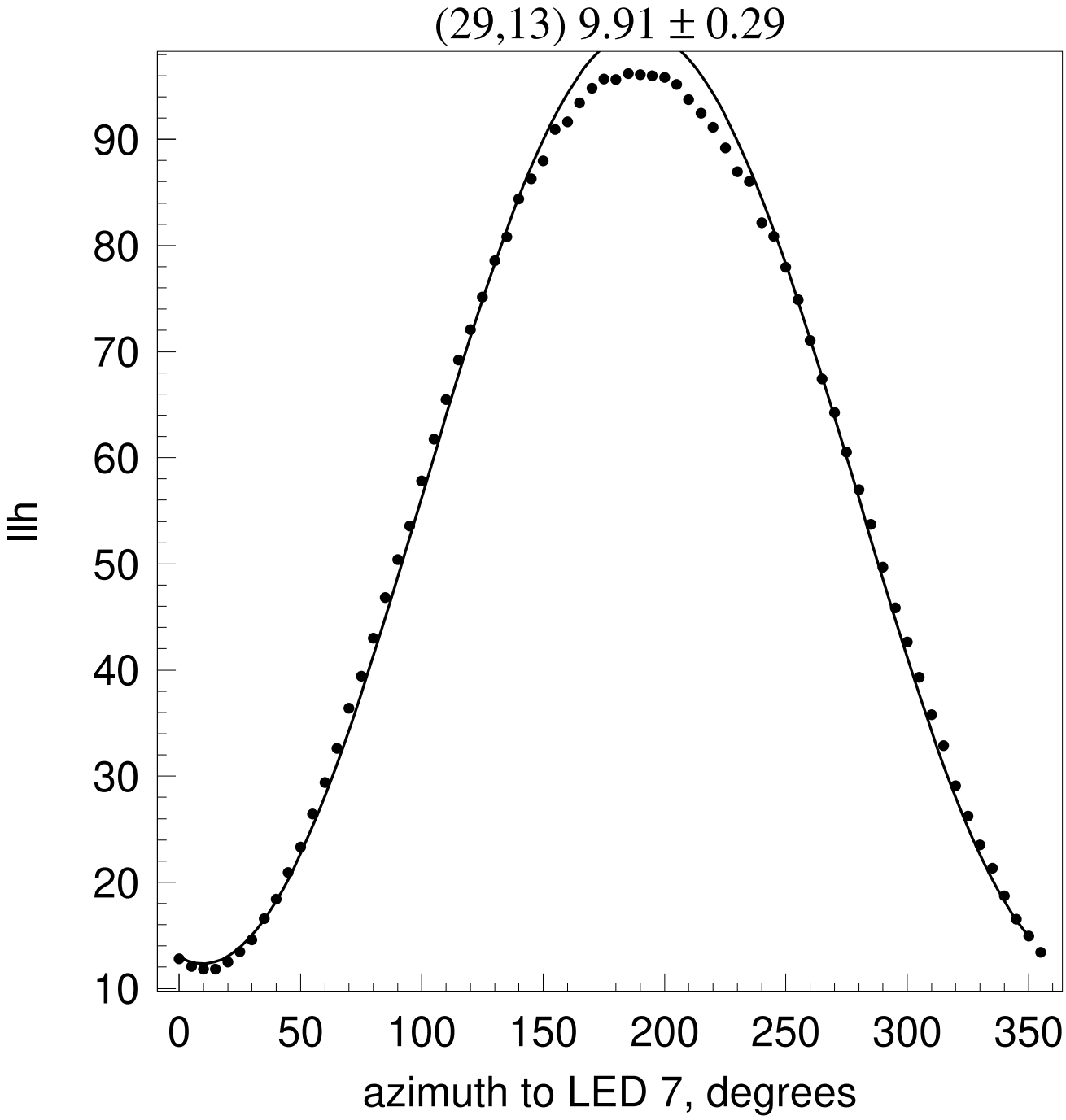

(29,8) 190.65 ± 0.50
26
24
22
20
18
16
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

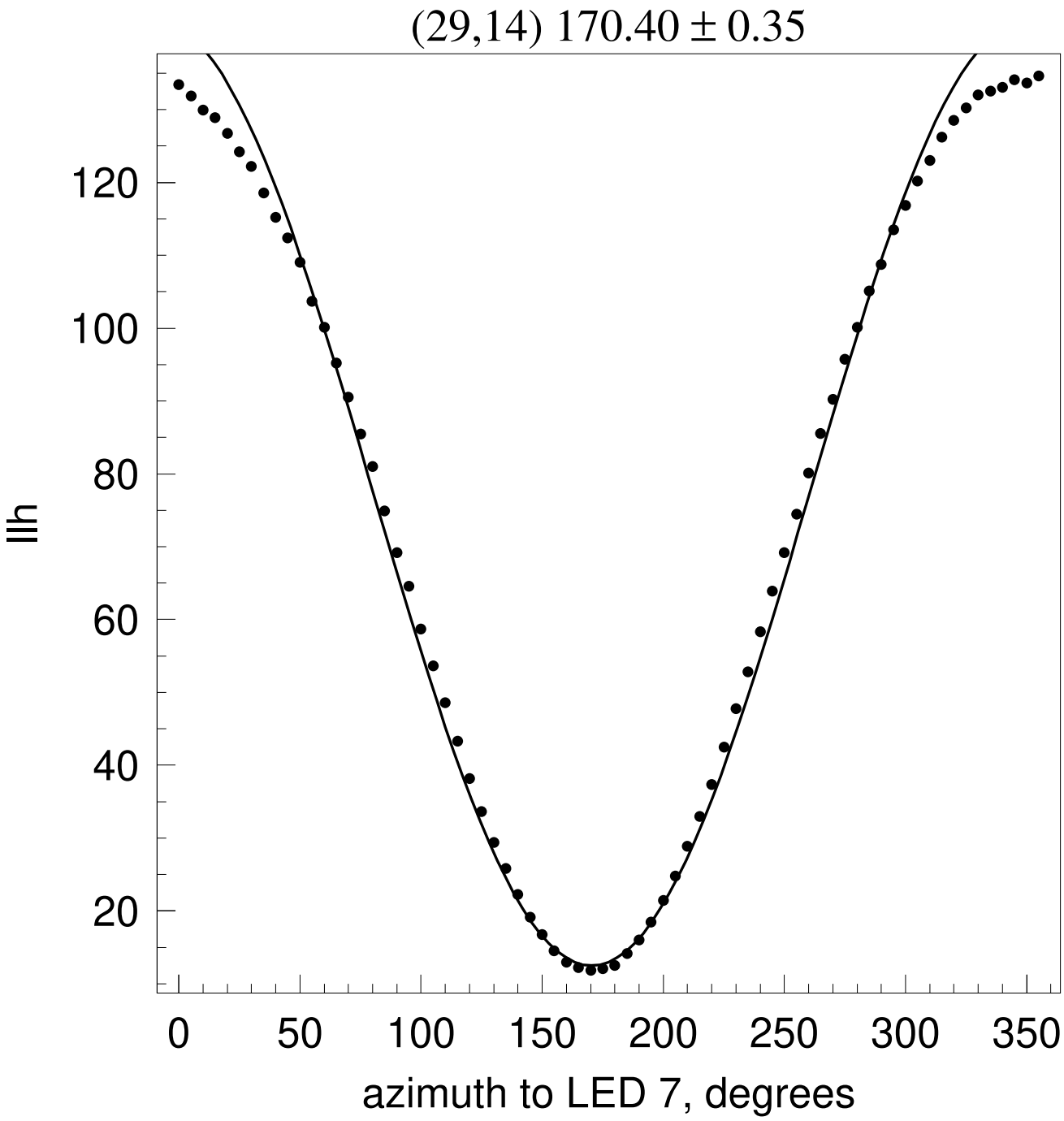

(29,9) 353.55 ± 0.52
23
22
21
20
19
18
17
16
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

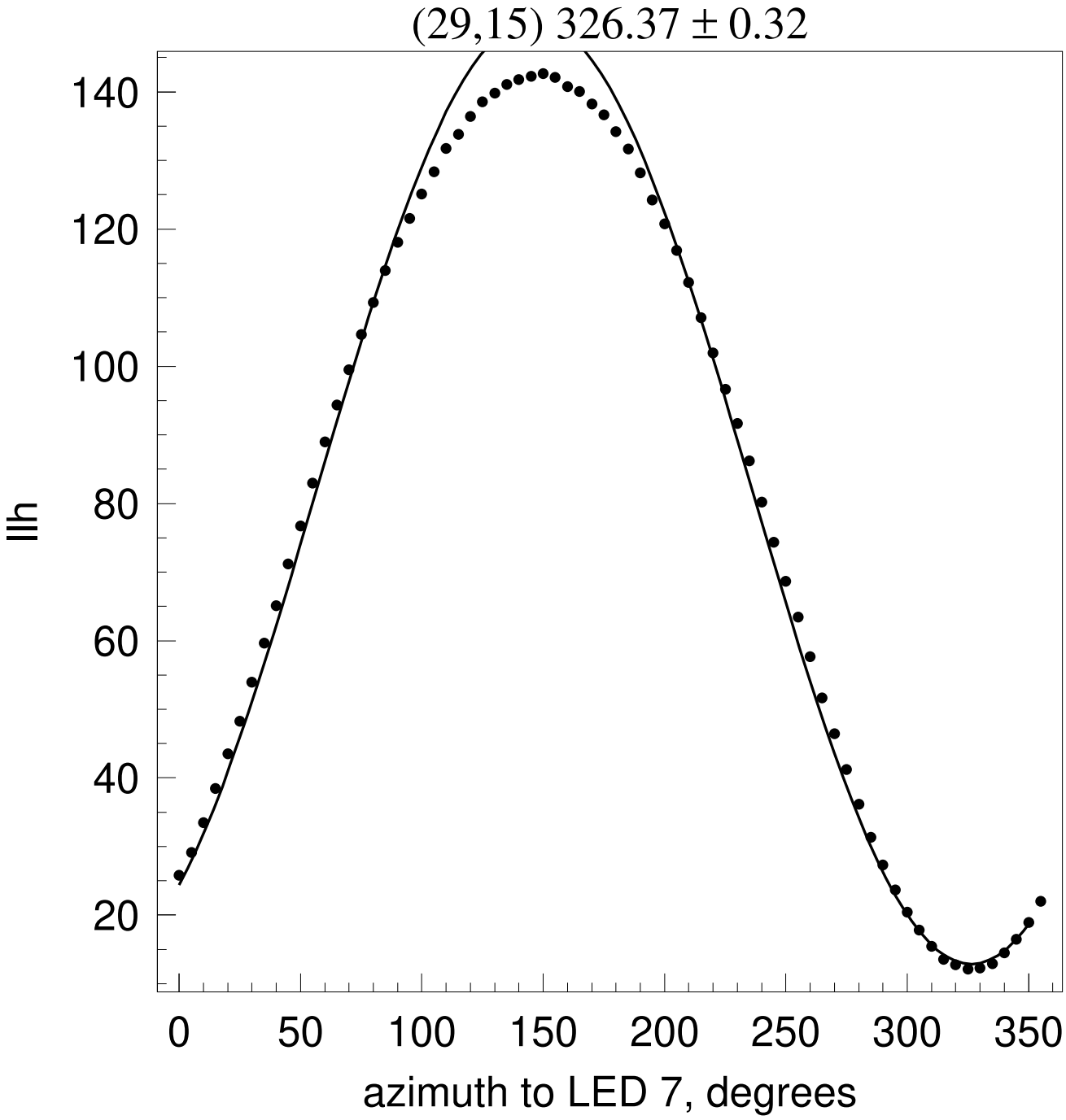

(29,10) 157.96 ± 0.24
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

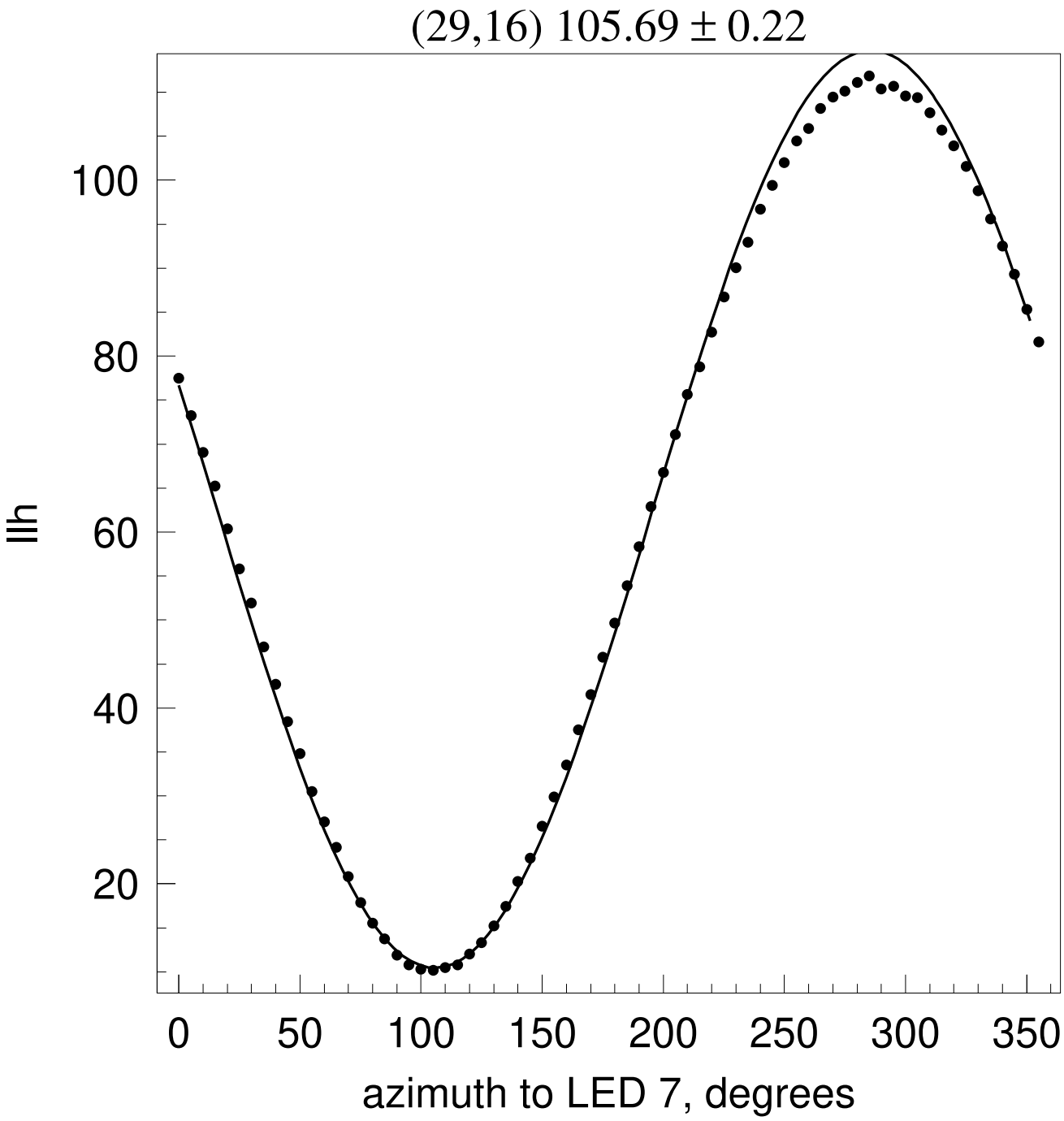

(29,11) 25.74 ± 0.26
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

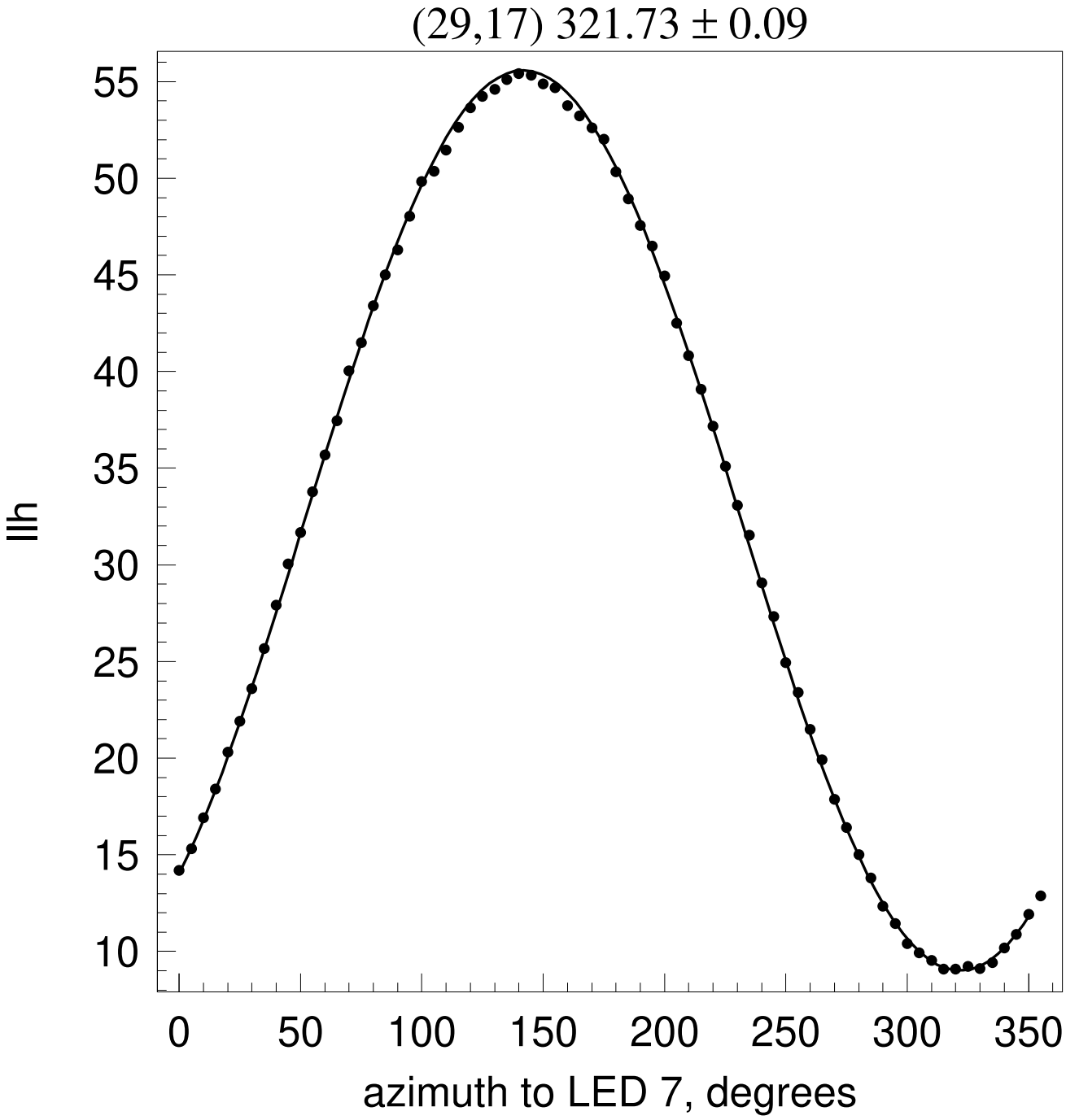

(29,12) 197.17 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

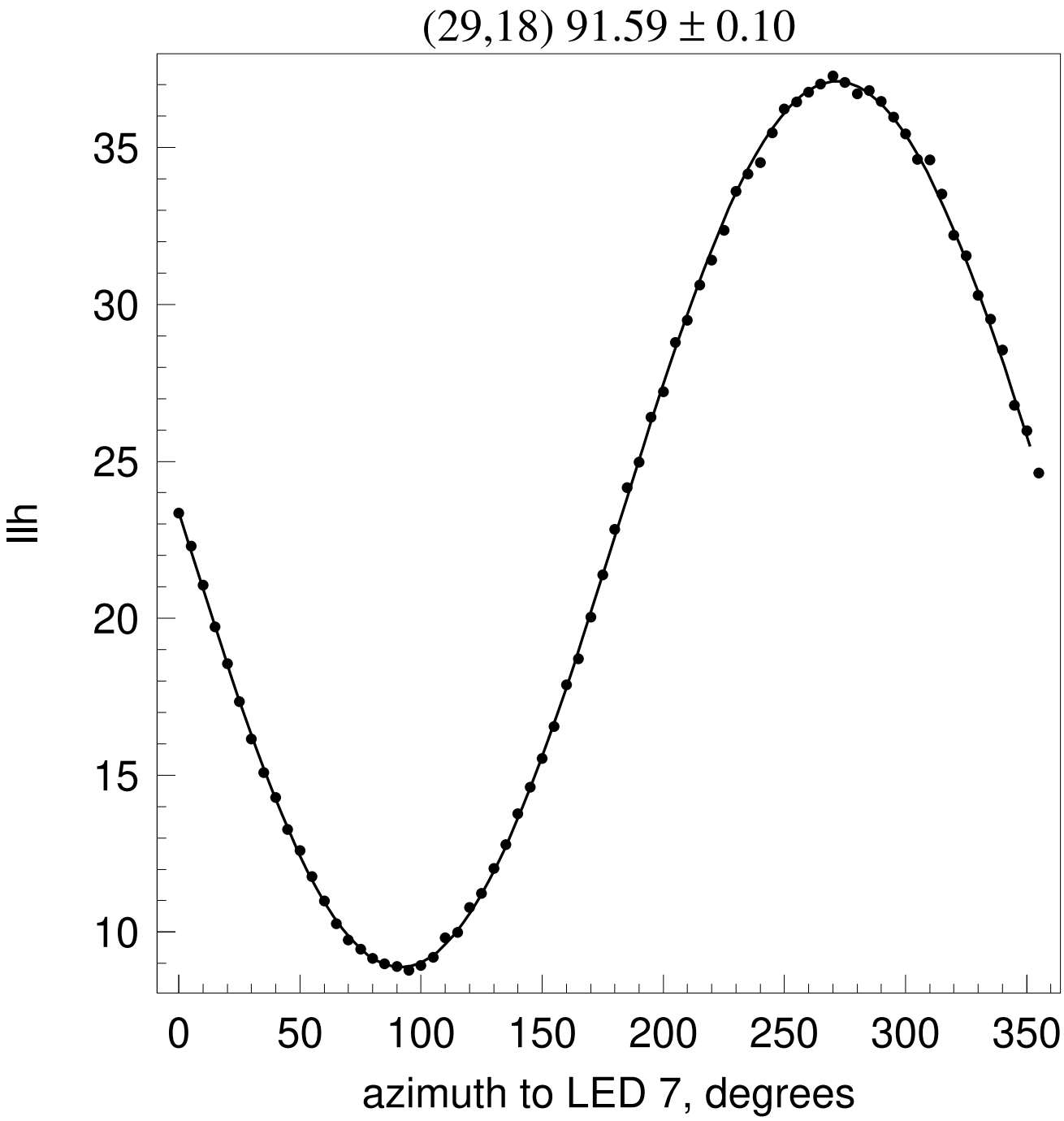

(29,13) 9.91 ± 0.29
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

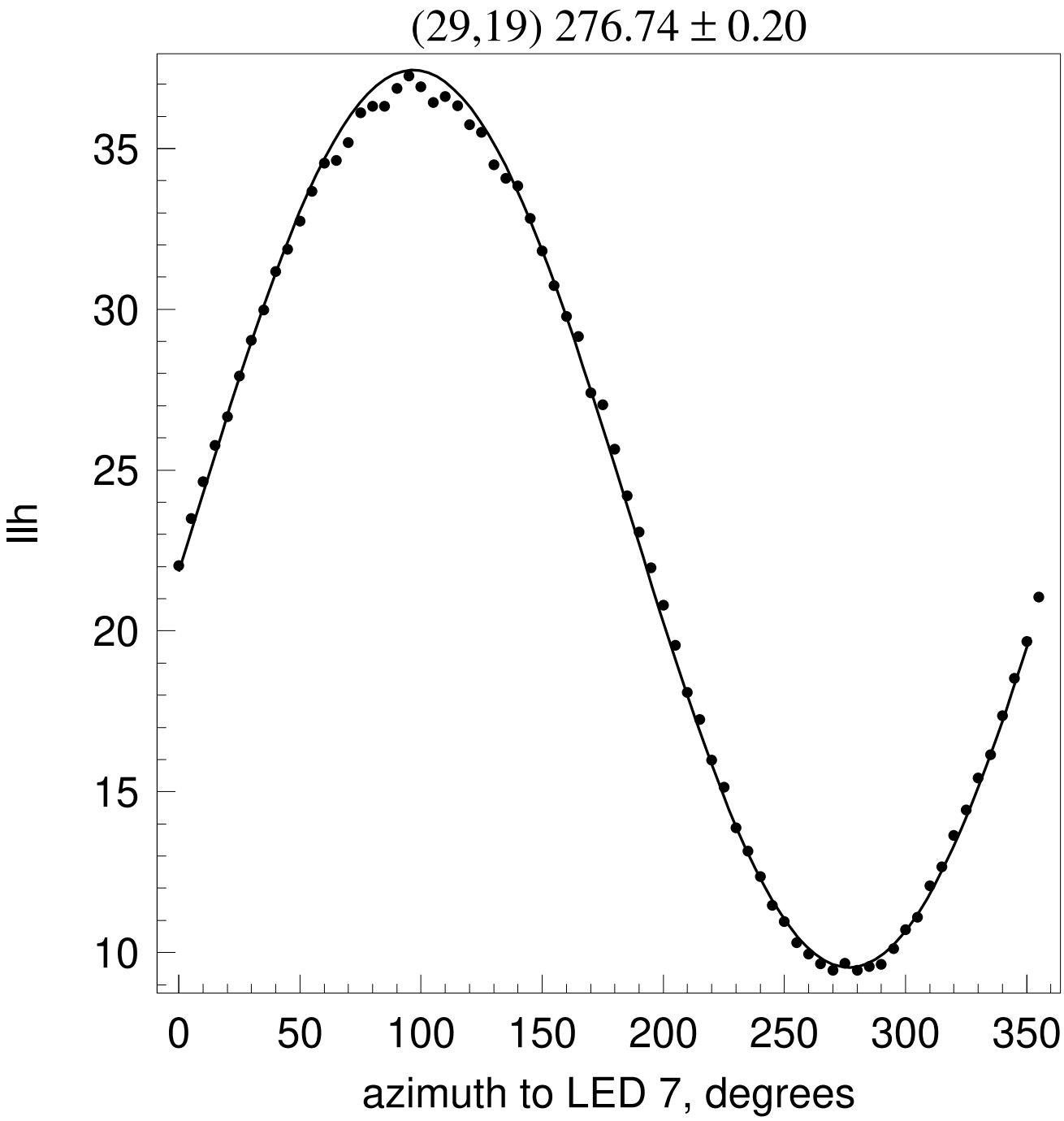

(29,14) 170.40 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

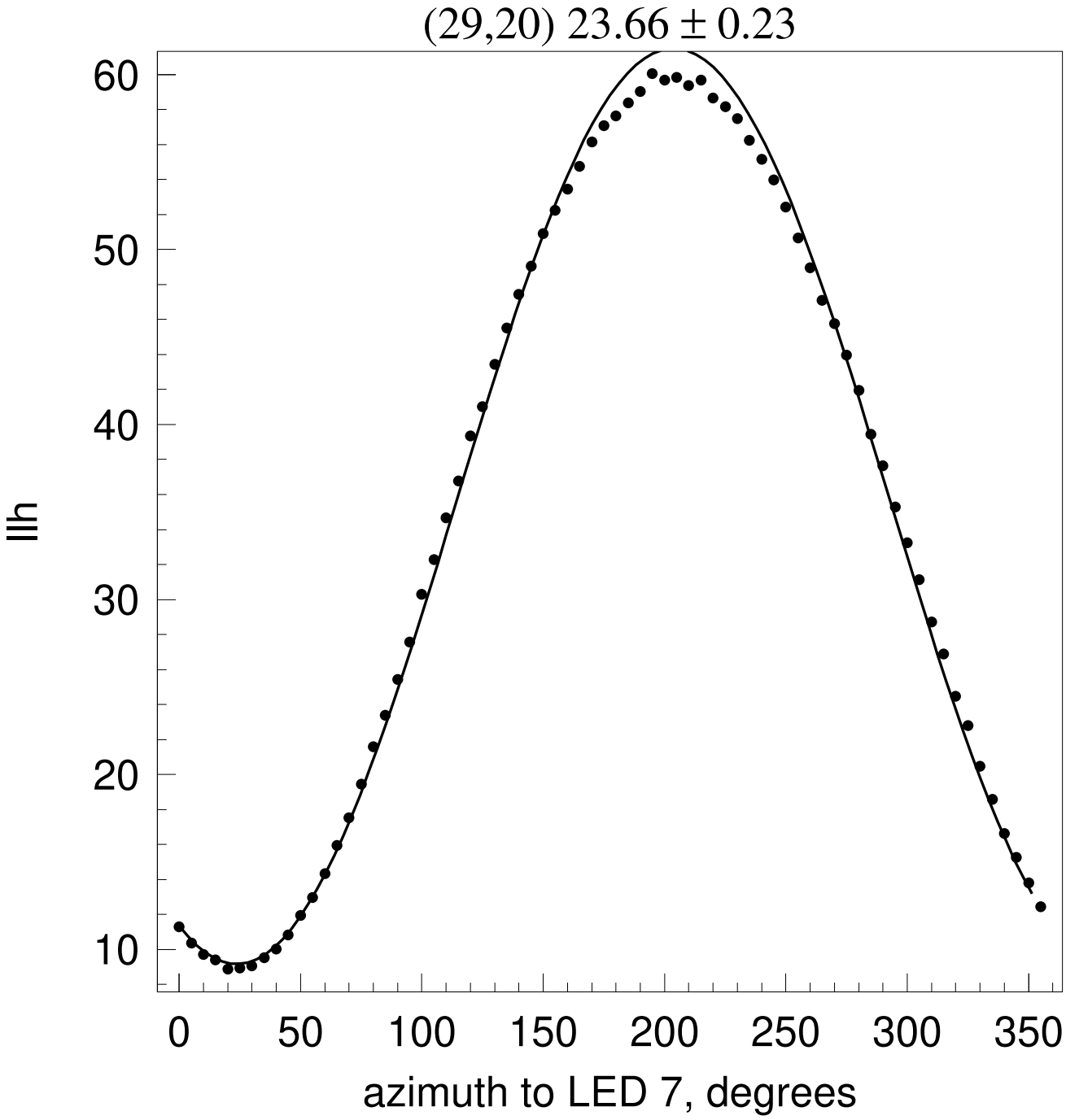

(29,15) 326.37 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

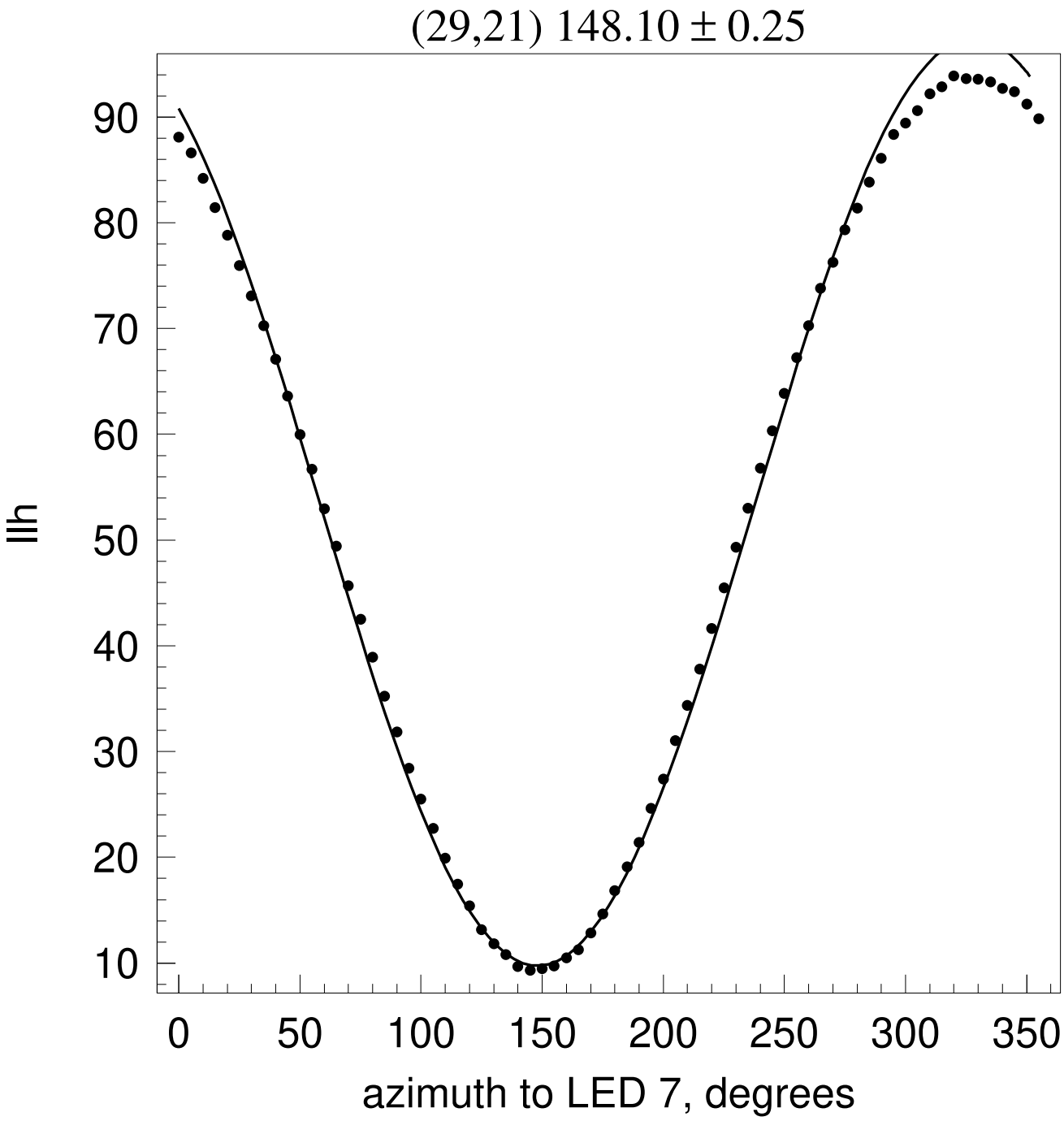

(29,16) 105.69 ± 0.22
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

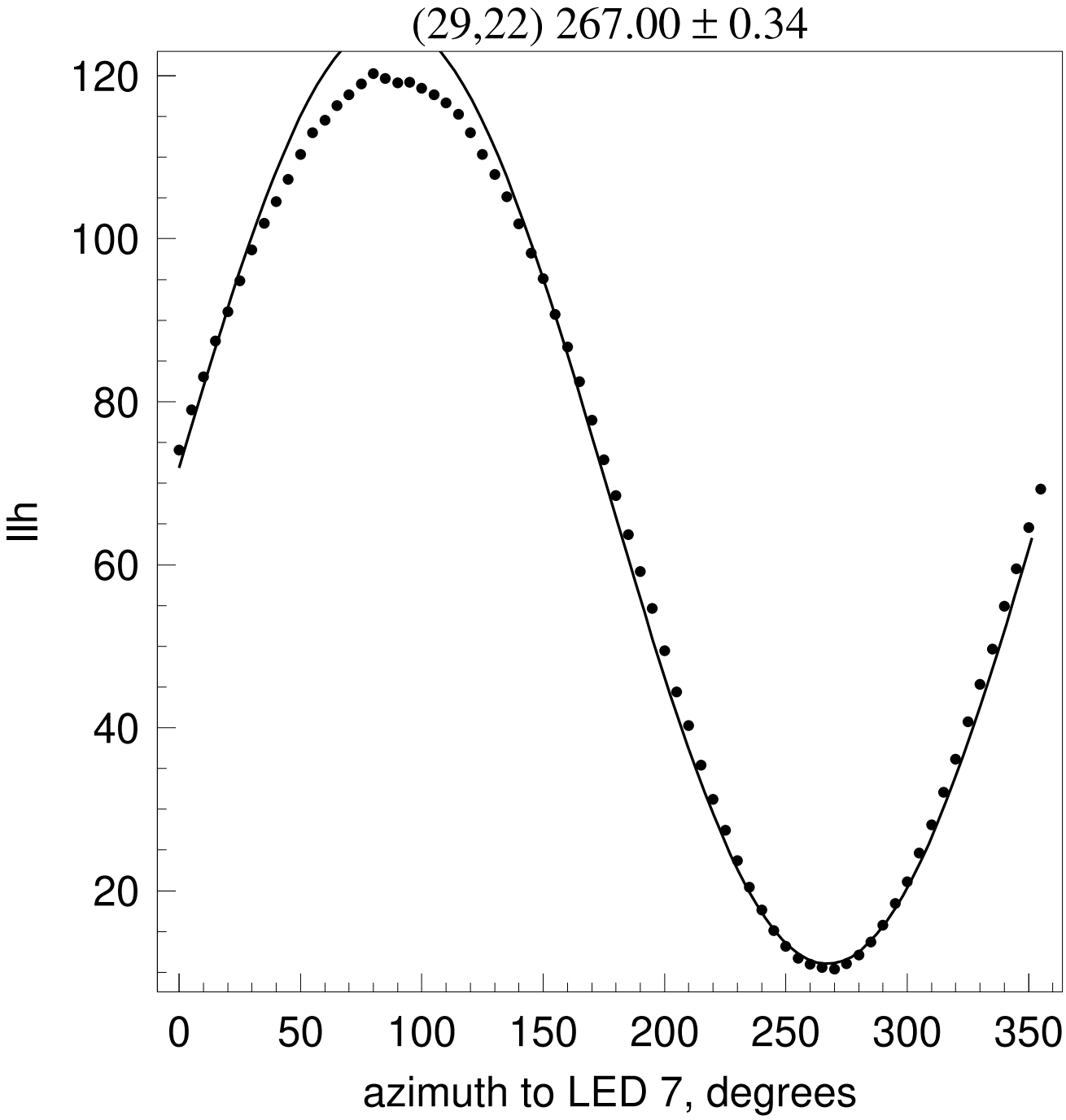

(29,17) 321.73 ± 0.09
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

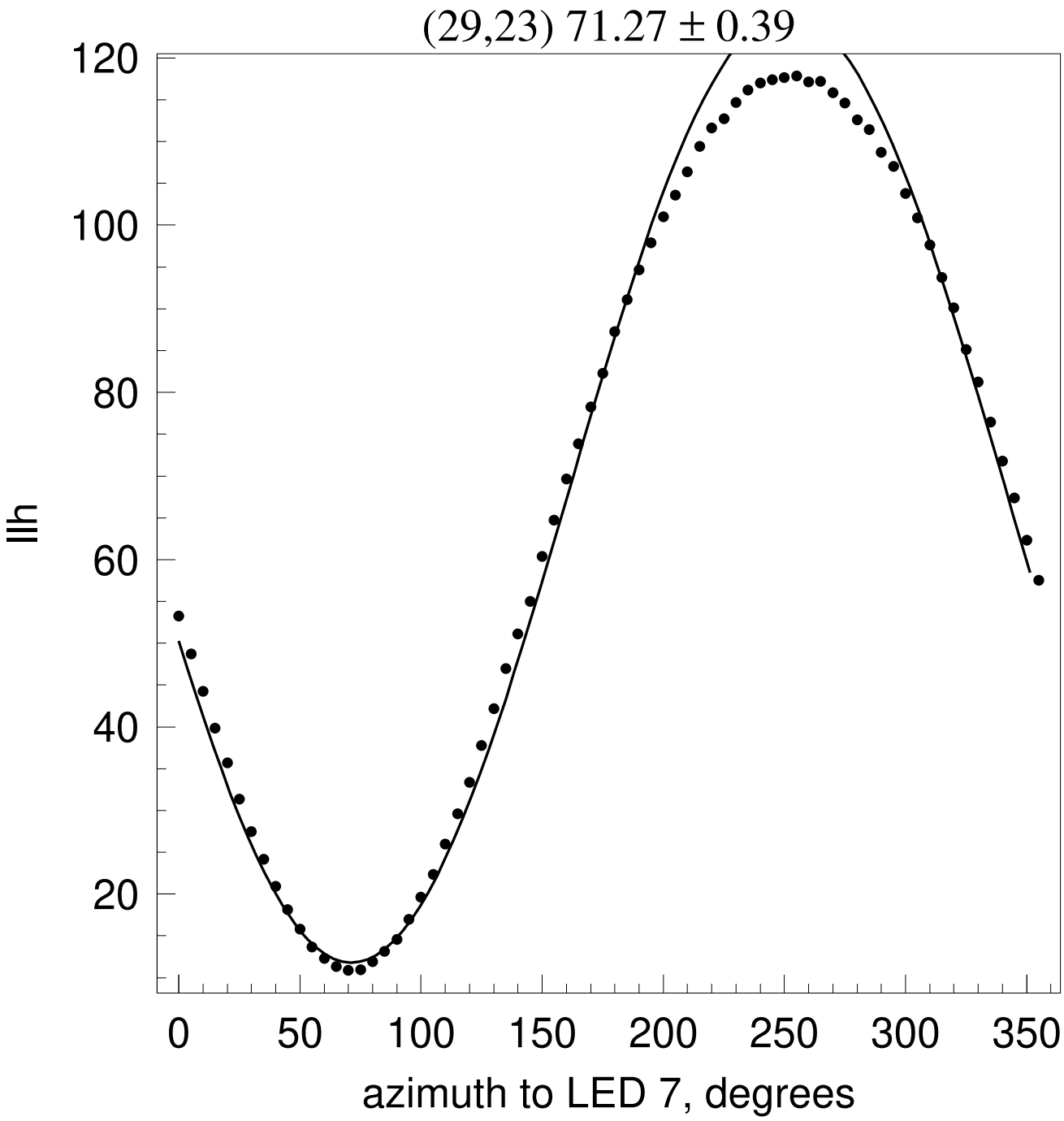

(29,18) 91.59 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

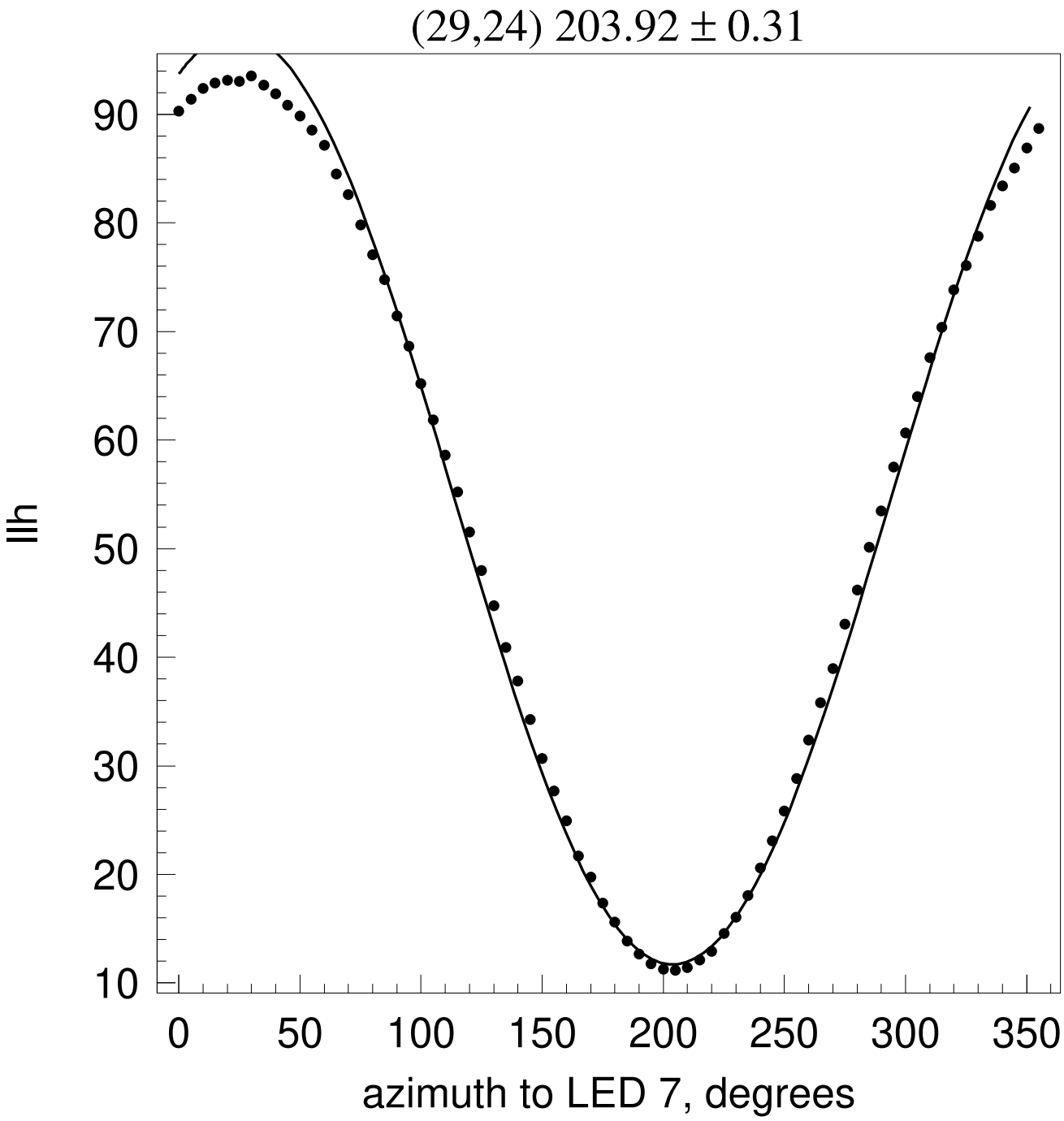

(29,19) 276.74 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

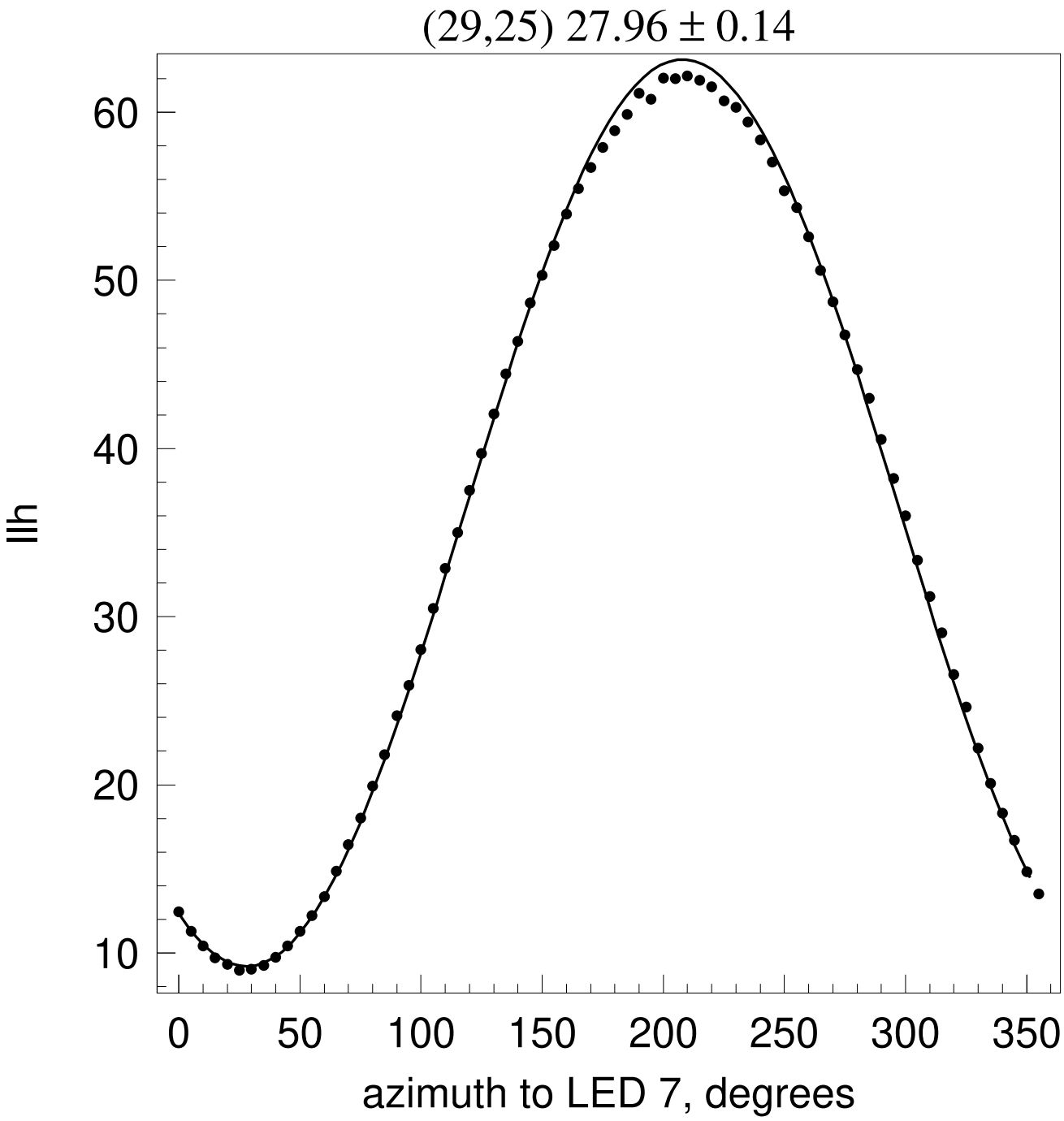

(29,20) 23.66 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

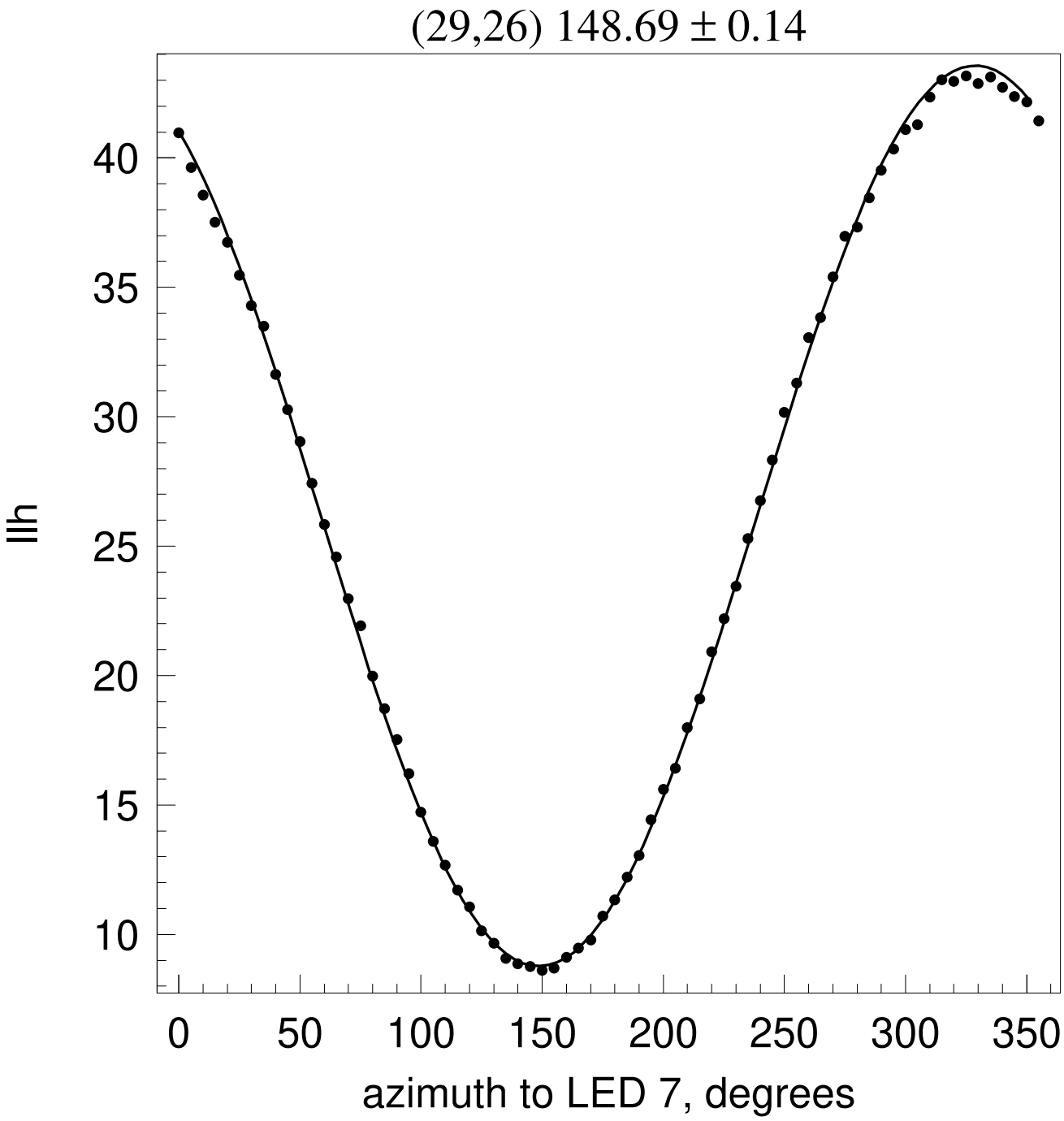

(29,21) 148.10 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

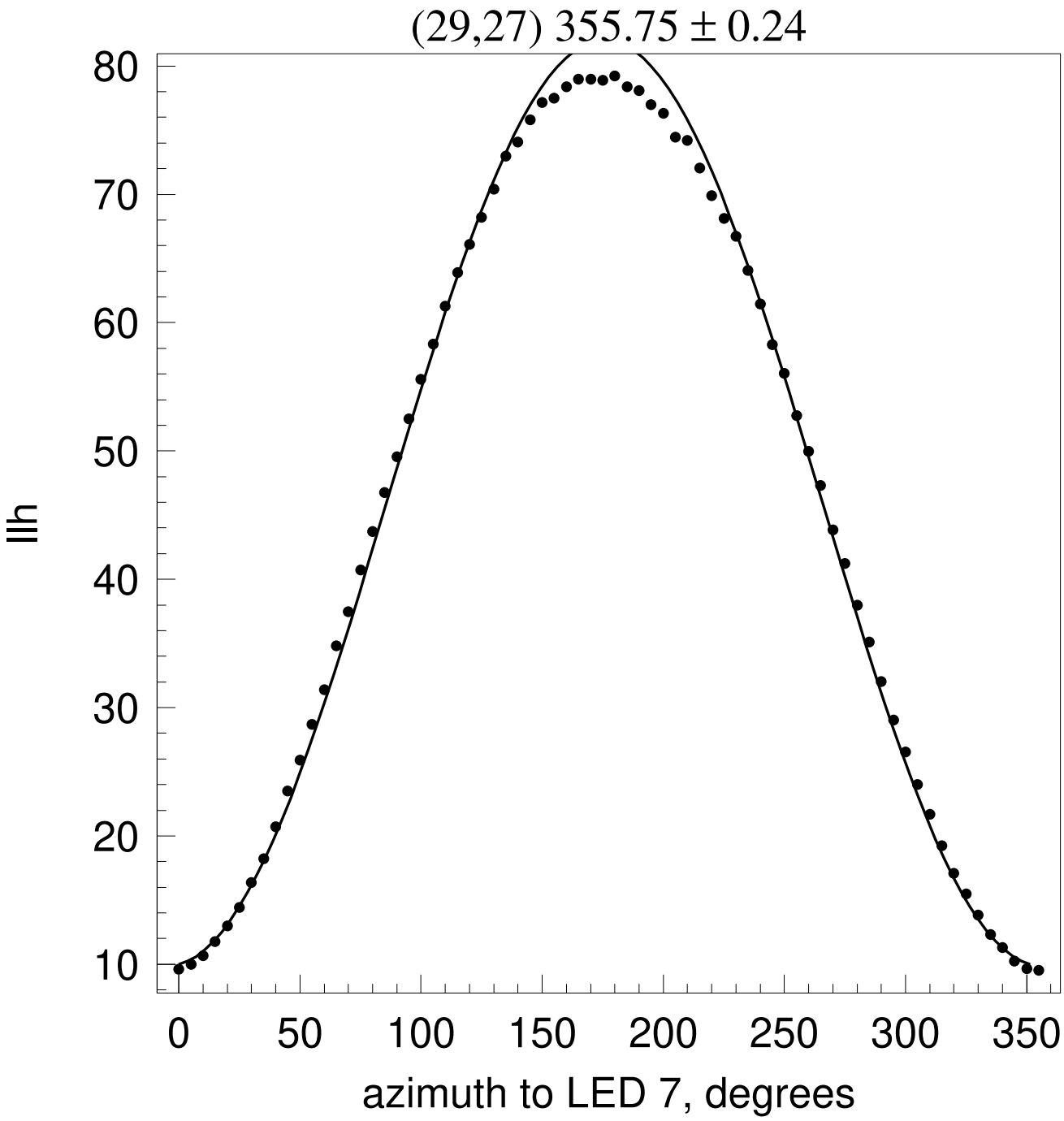

(29,22) 267.00 ± 0.34
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

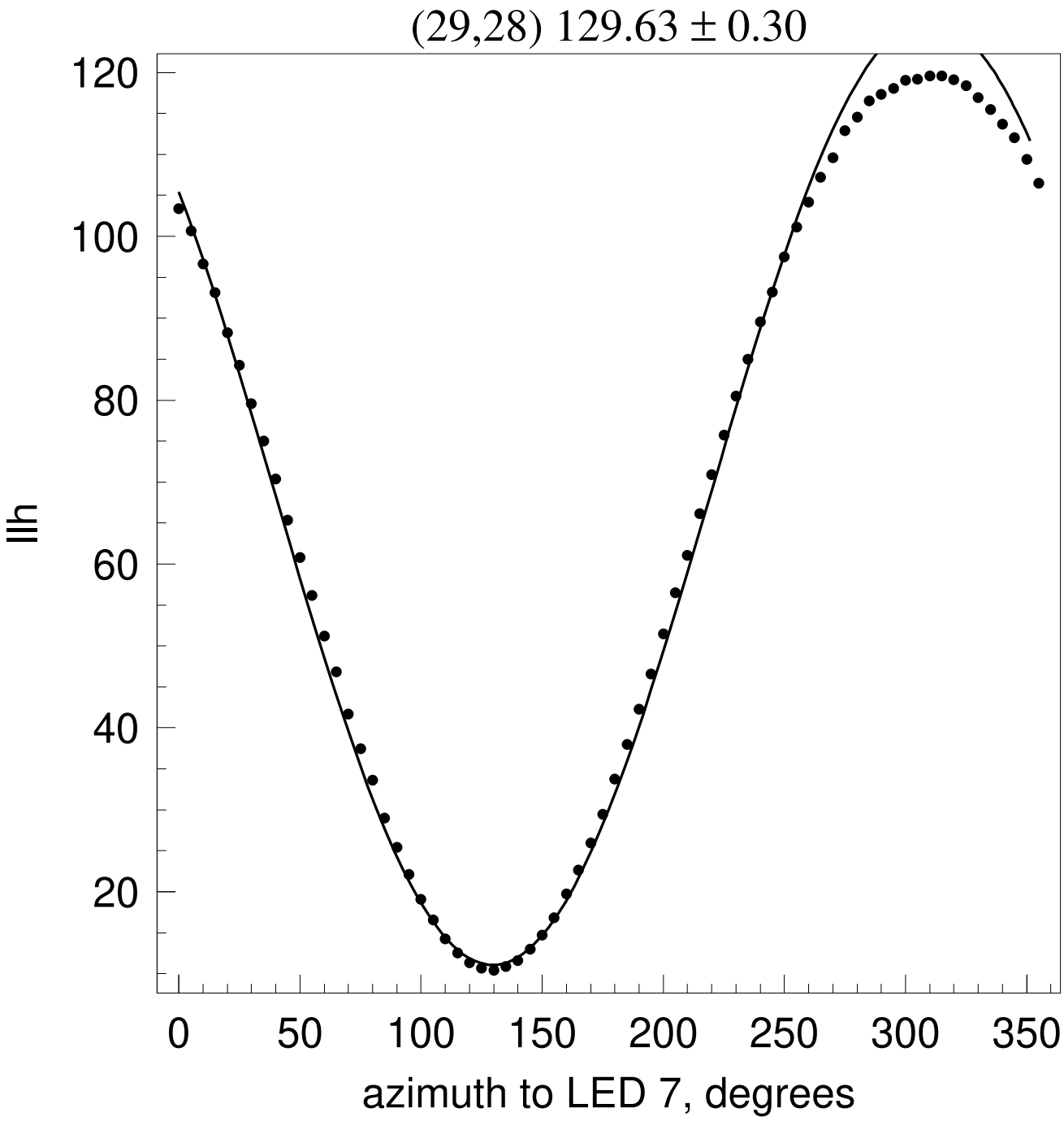

(29,23) 71.27 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

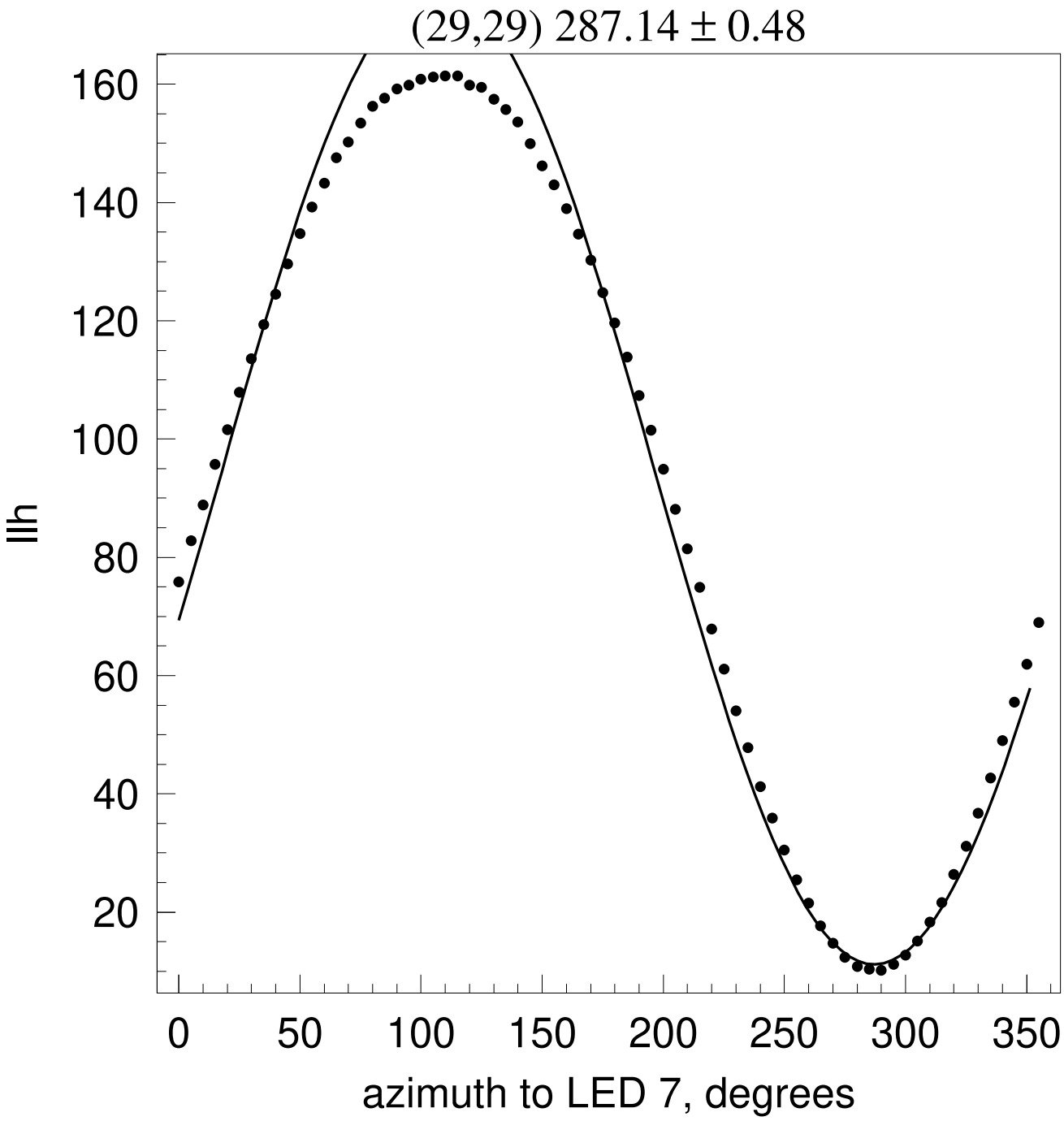

(29,24) 203.92 ± 0.31
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

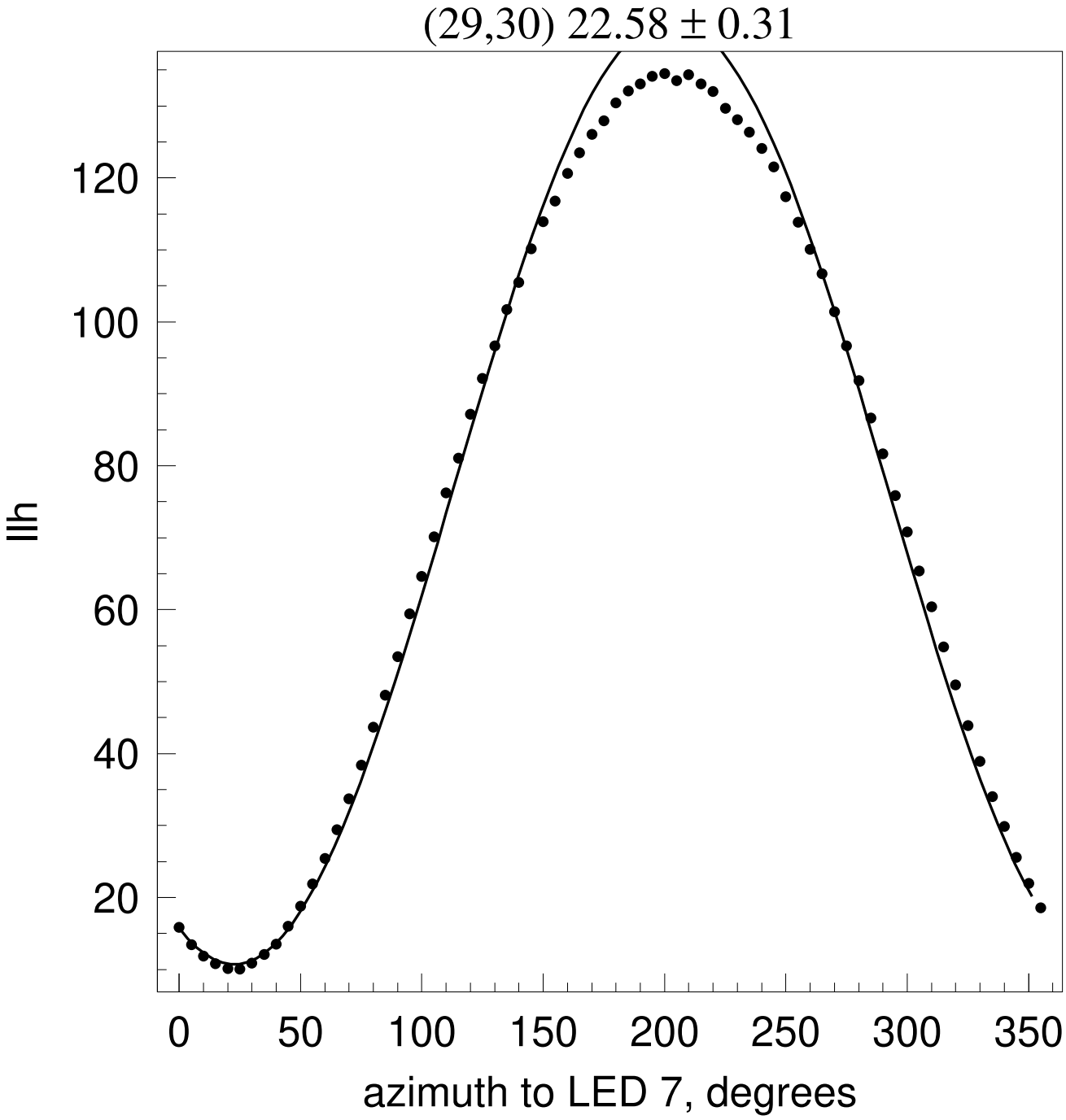

(29,25) 27.96 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

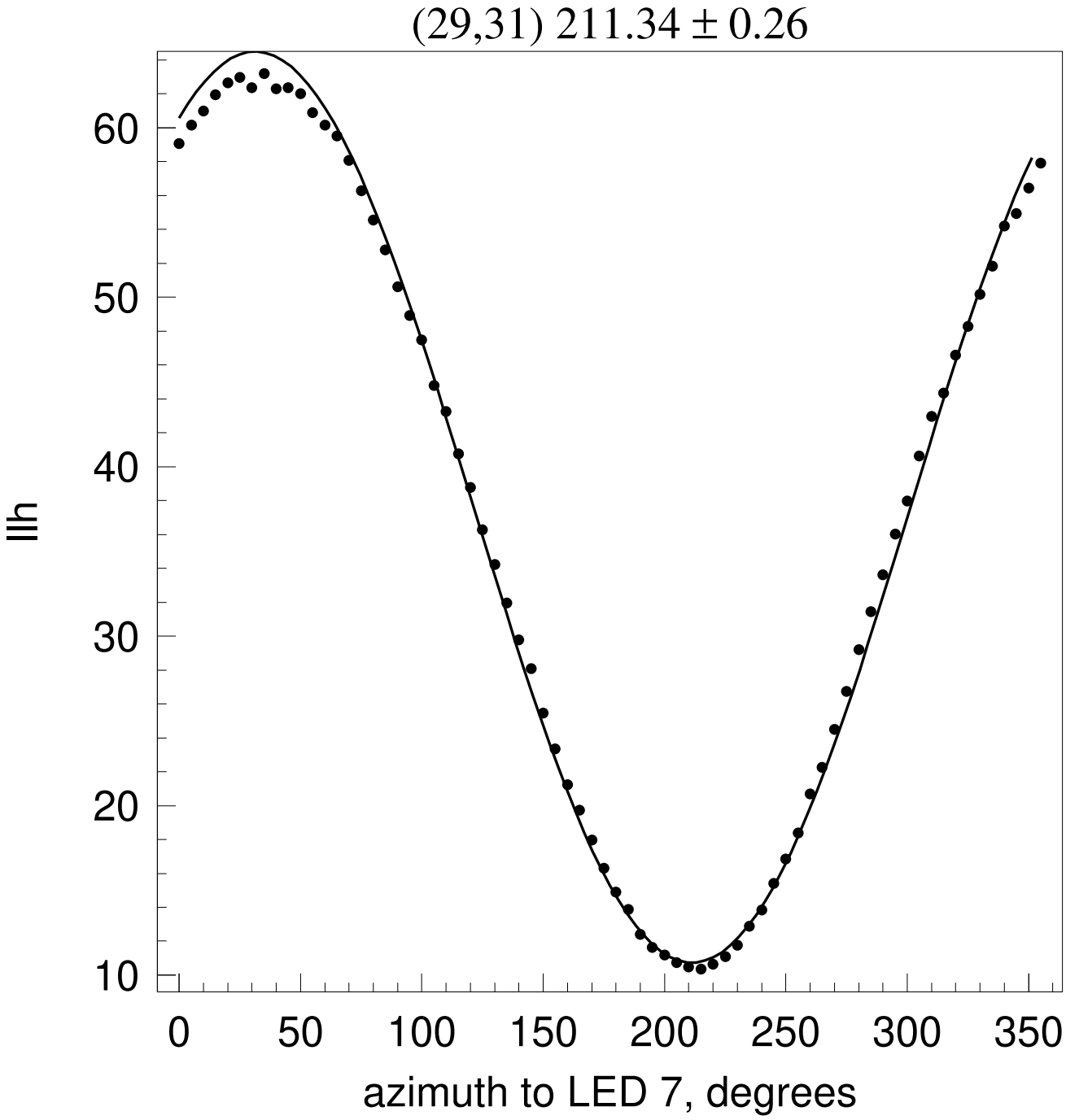

(29,26) 148.69 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

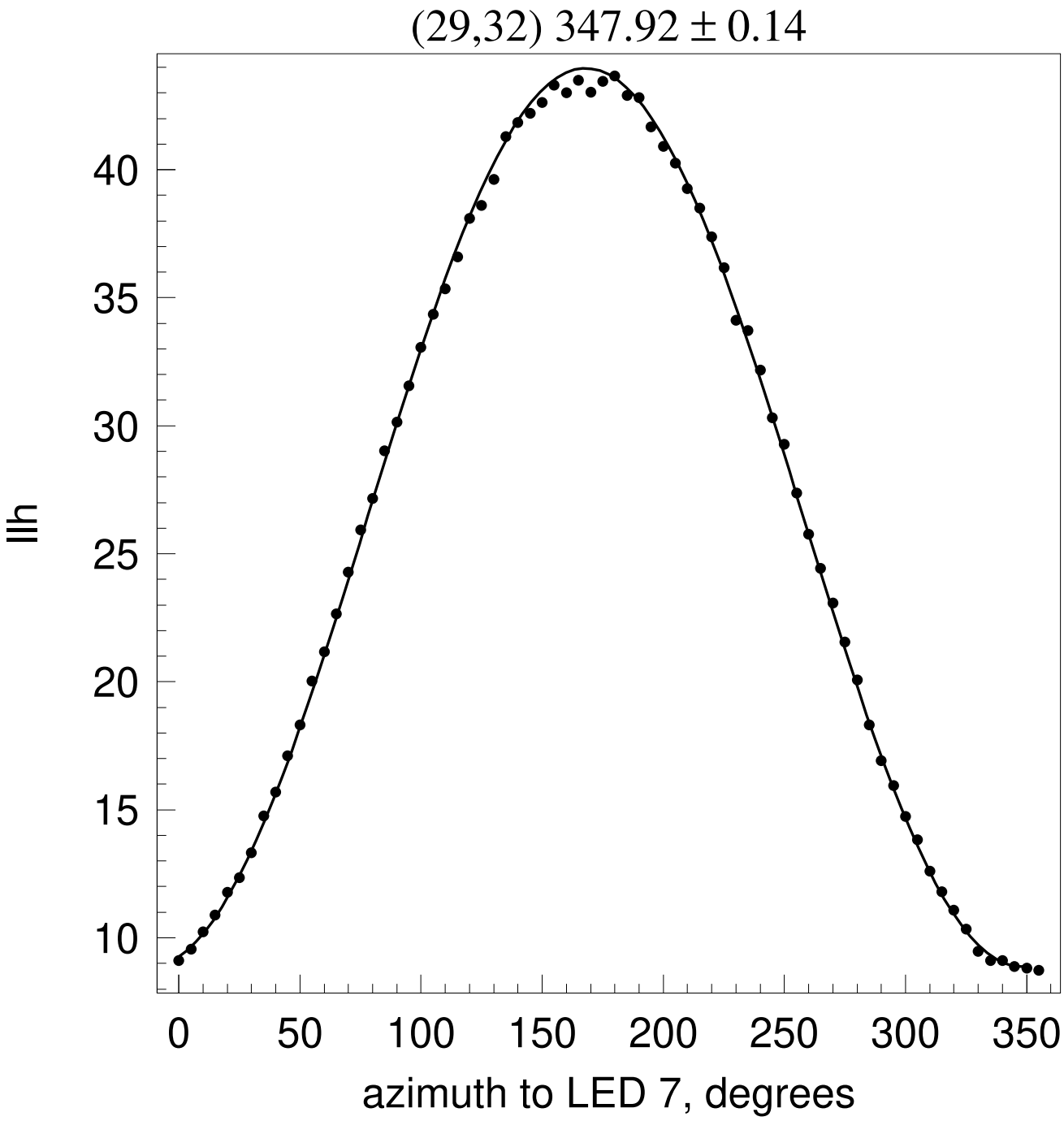

(29,27) 355.75 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

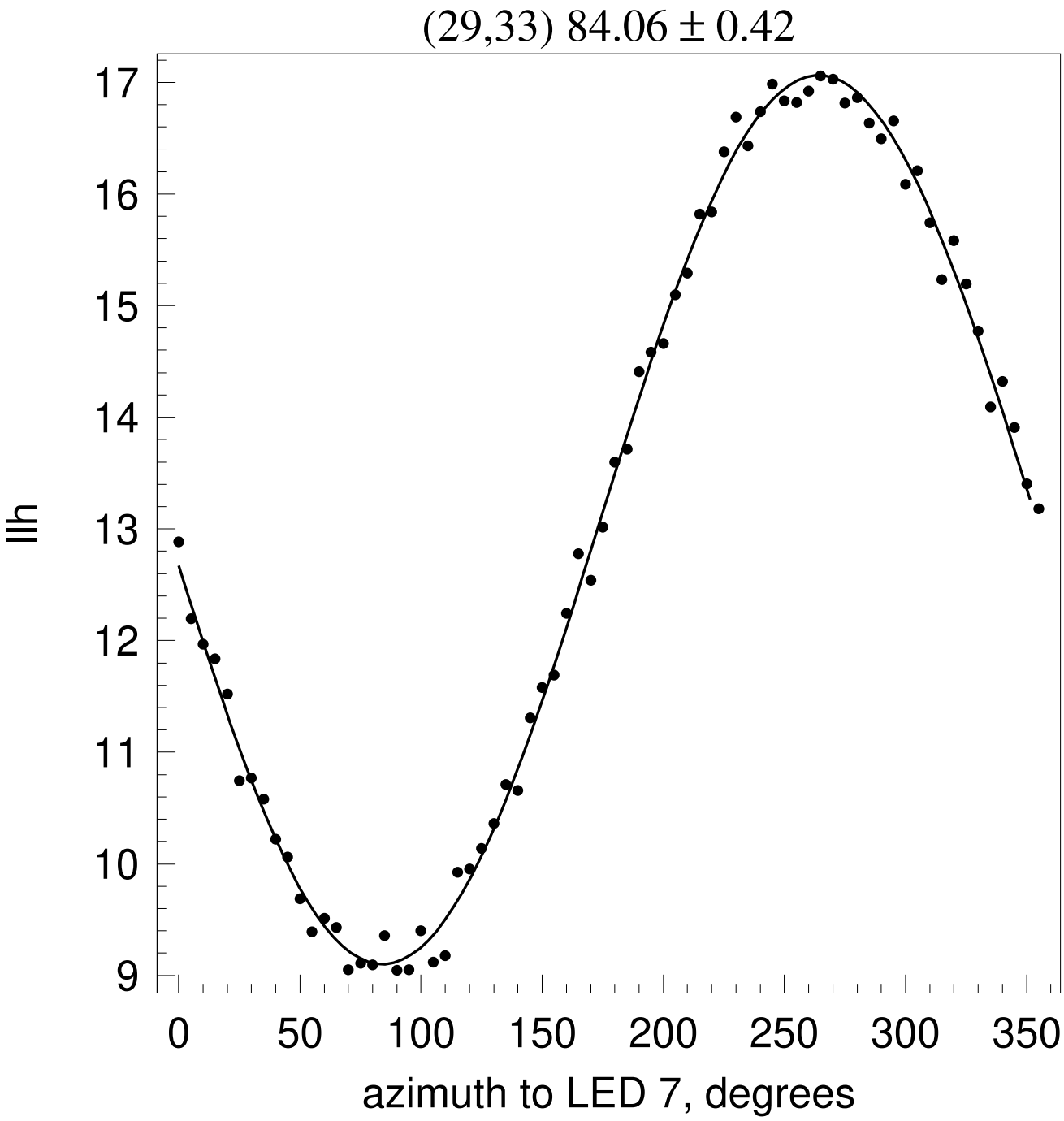

(29,28) 129.63 ± 0.30
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

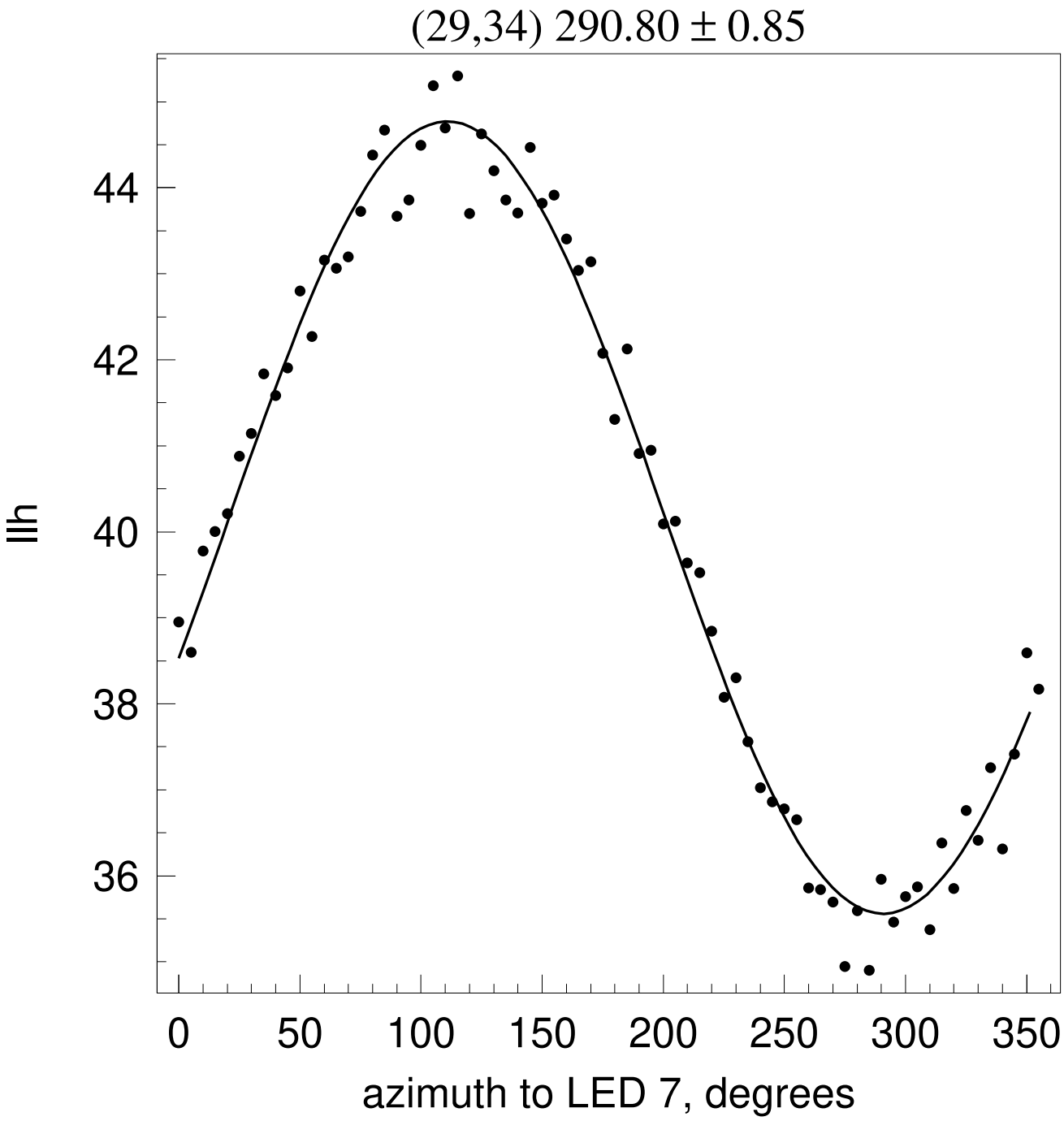

(29,29) 287.14 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

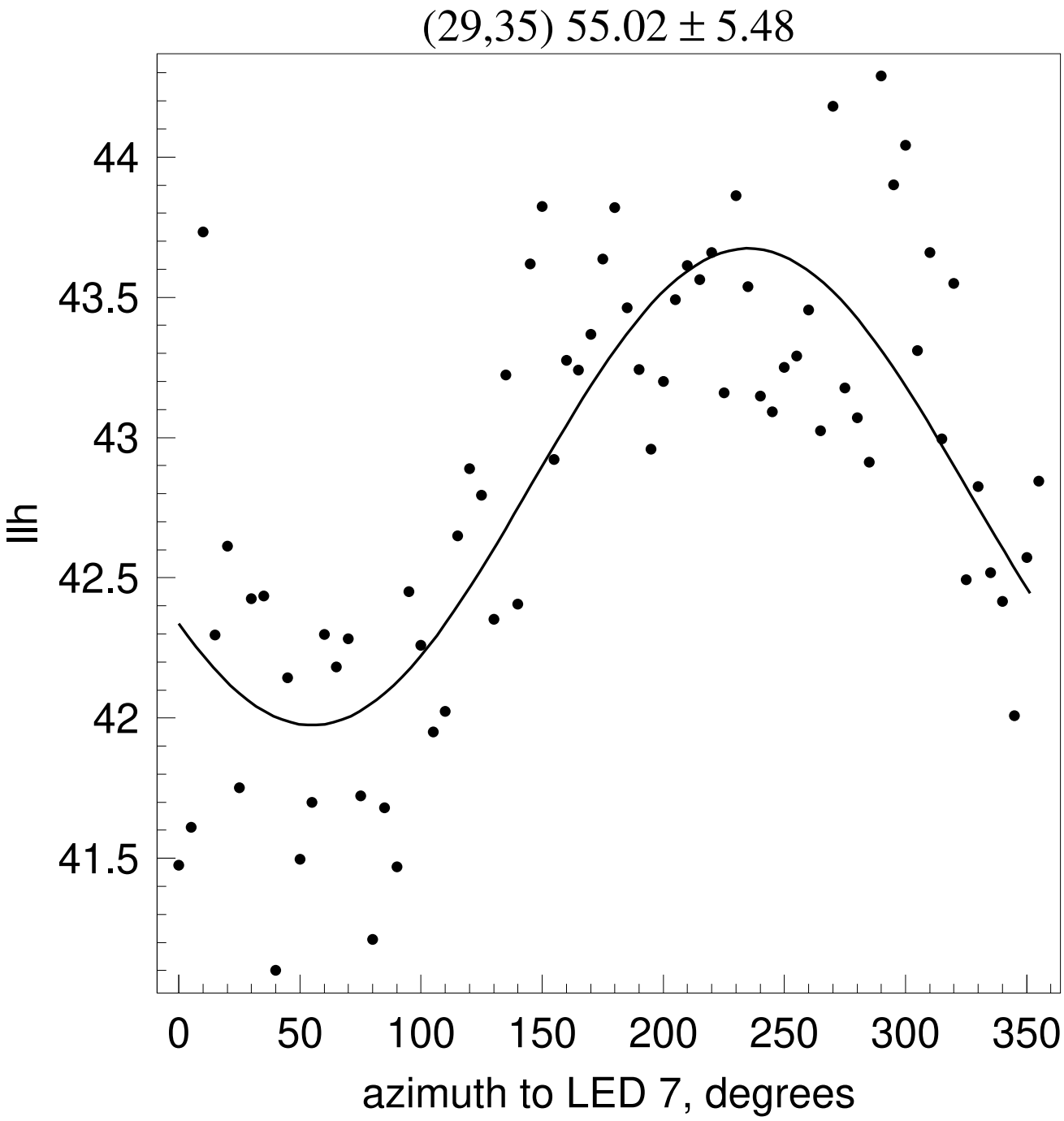

(29,30) 22.58 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

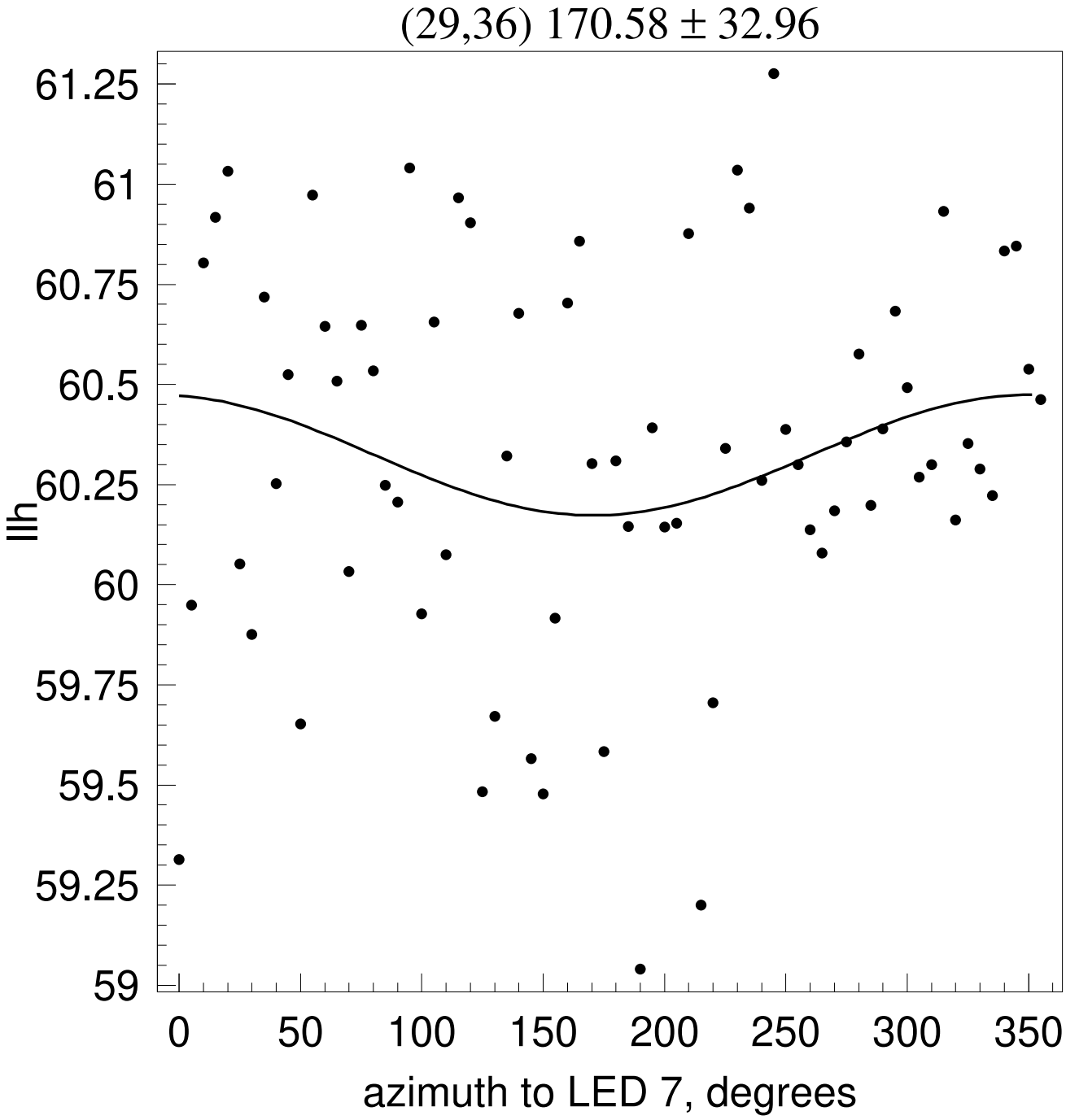

(29,31) 211.34 ± 0.26
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

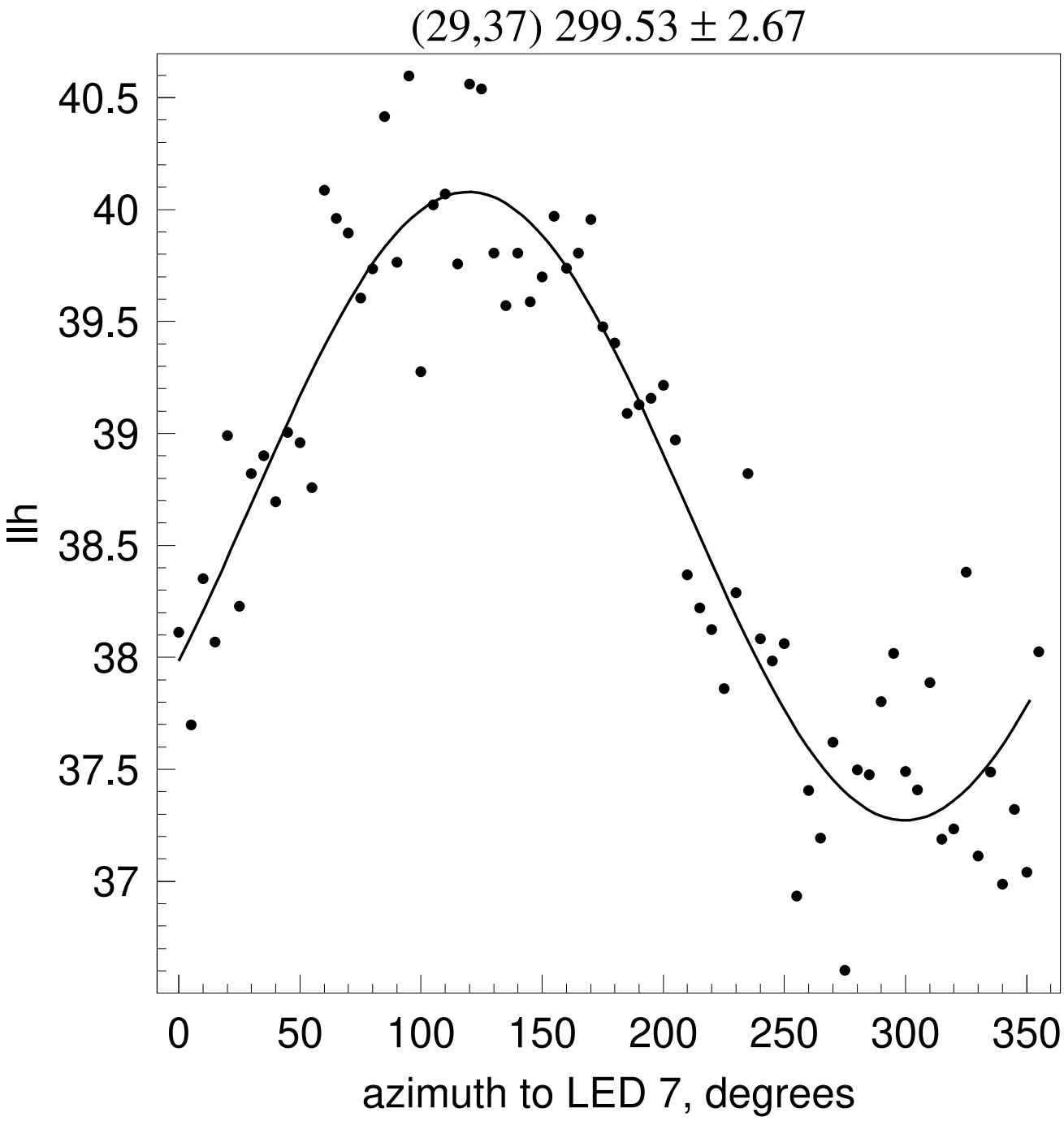

(29,32) 347.92 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

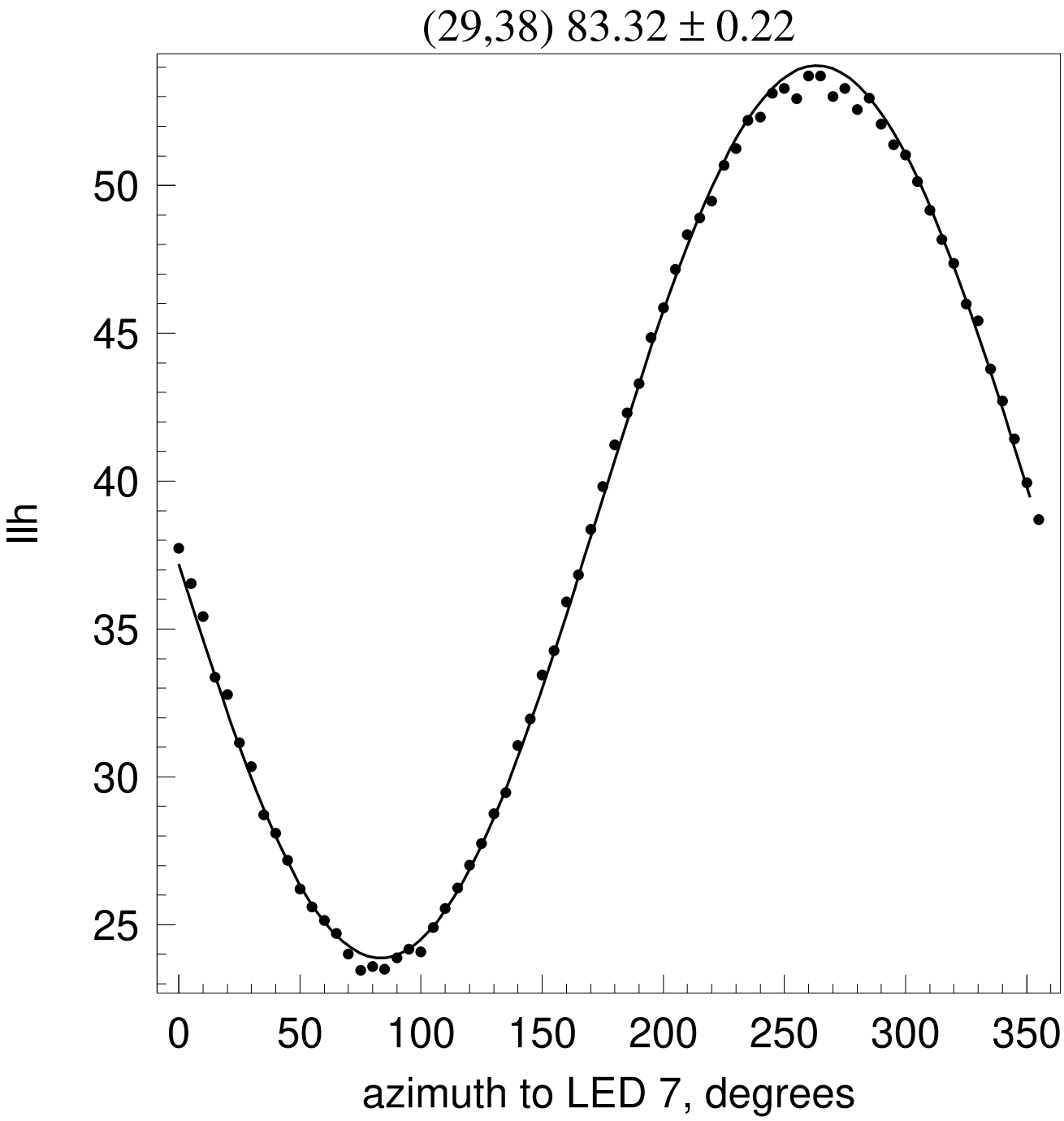

(29,33) 84.06 ± 0.42
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

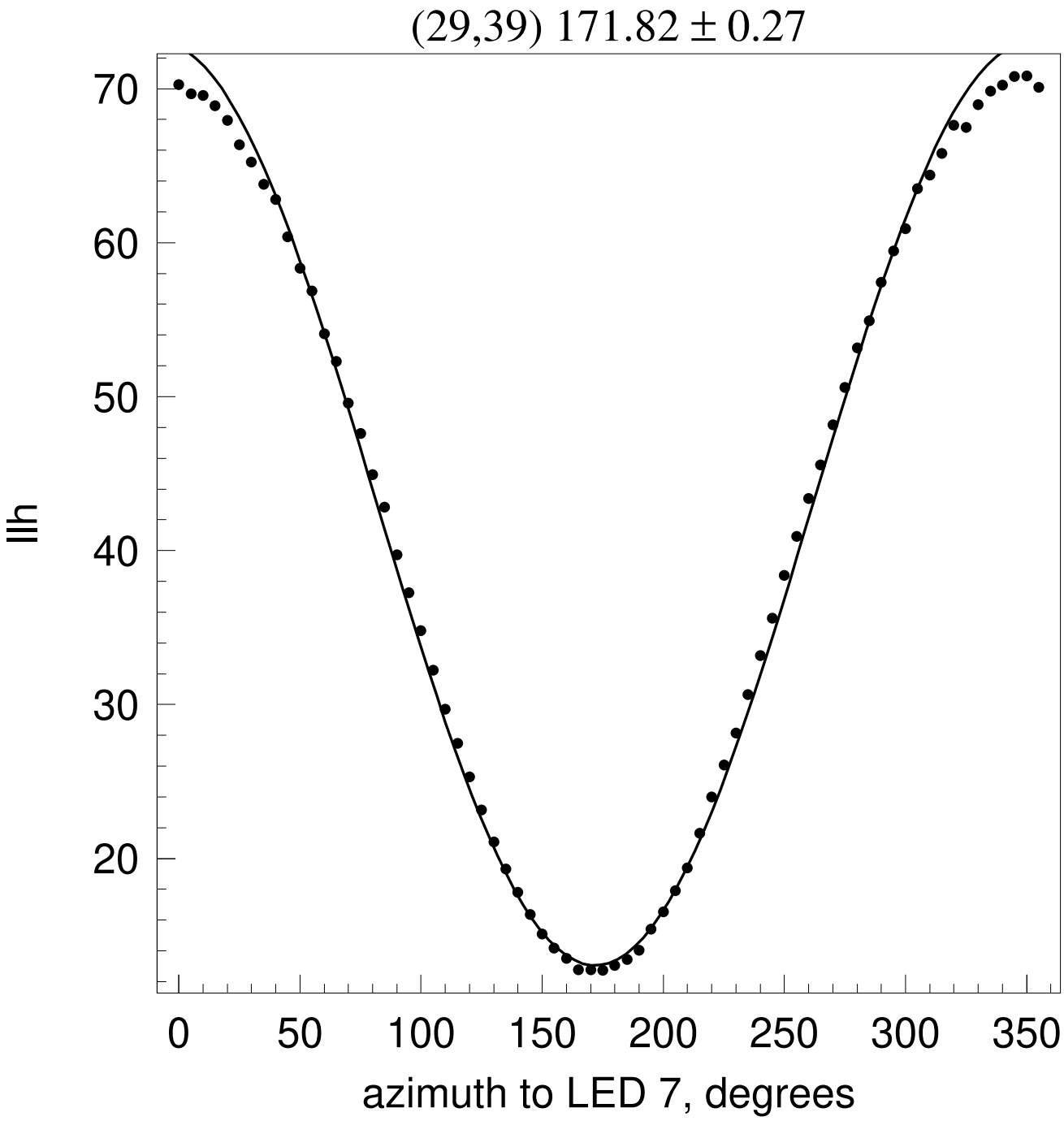

(29,34) 290.80 ± 0.85
44
42
40
38
36
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

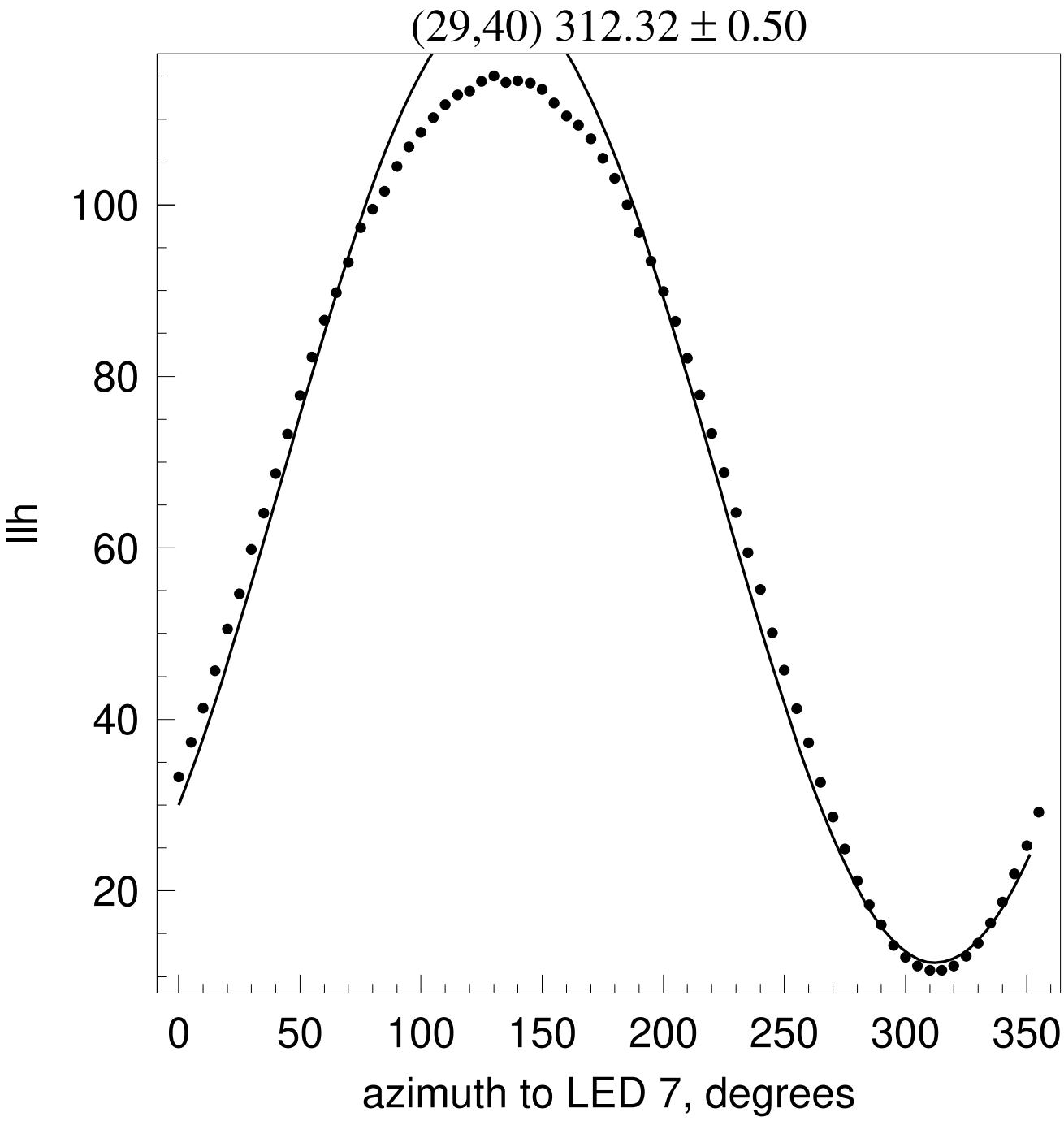

(29,35) 55.02 ± 5.48
44
43.5
43
42.5
42
41.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

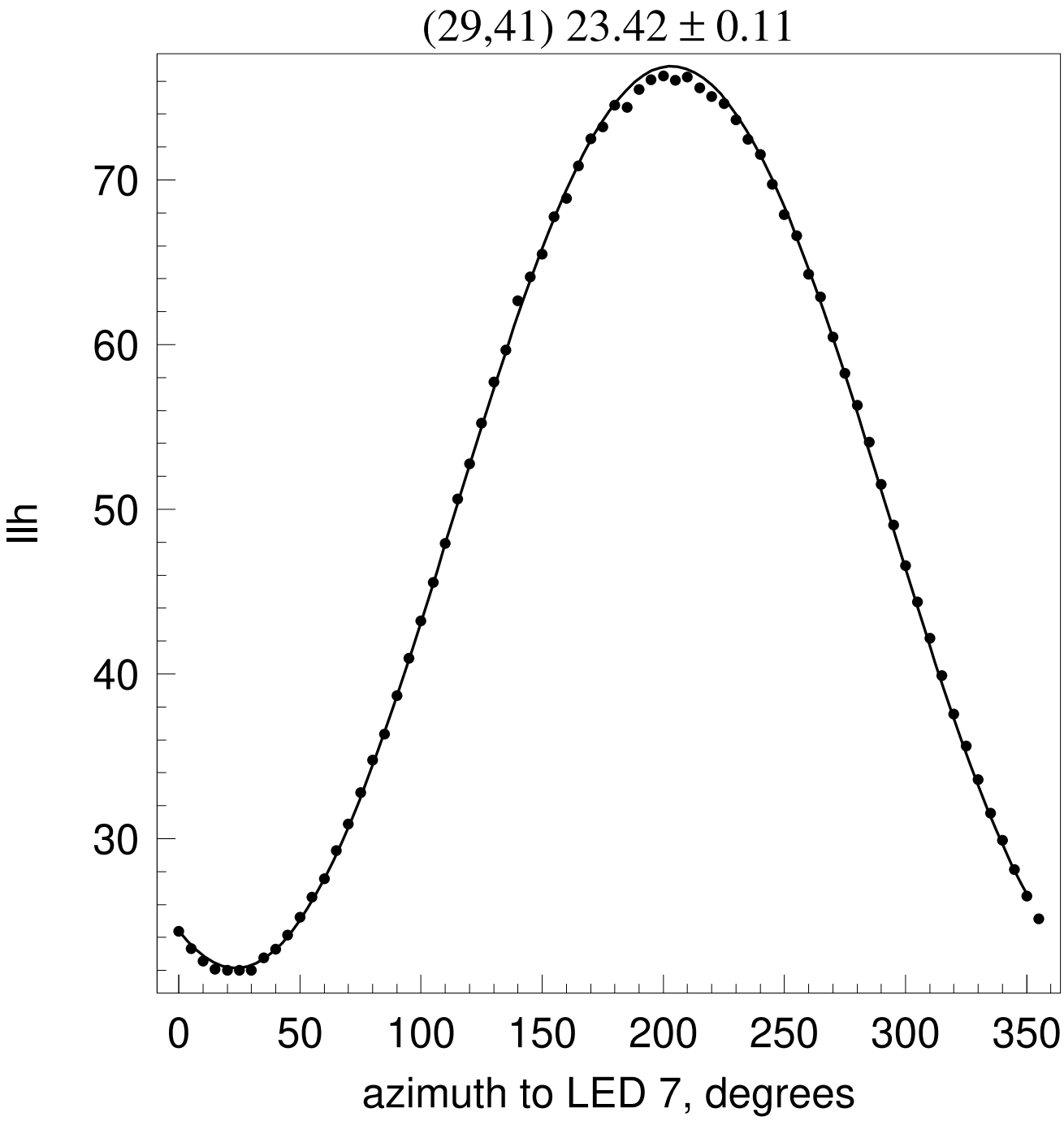

(29,36) 170.58 ± 32.96
61.25
61
60.75
60.5
60.25
60
59.75
59.5
59.25
59
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

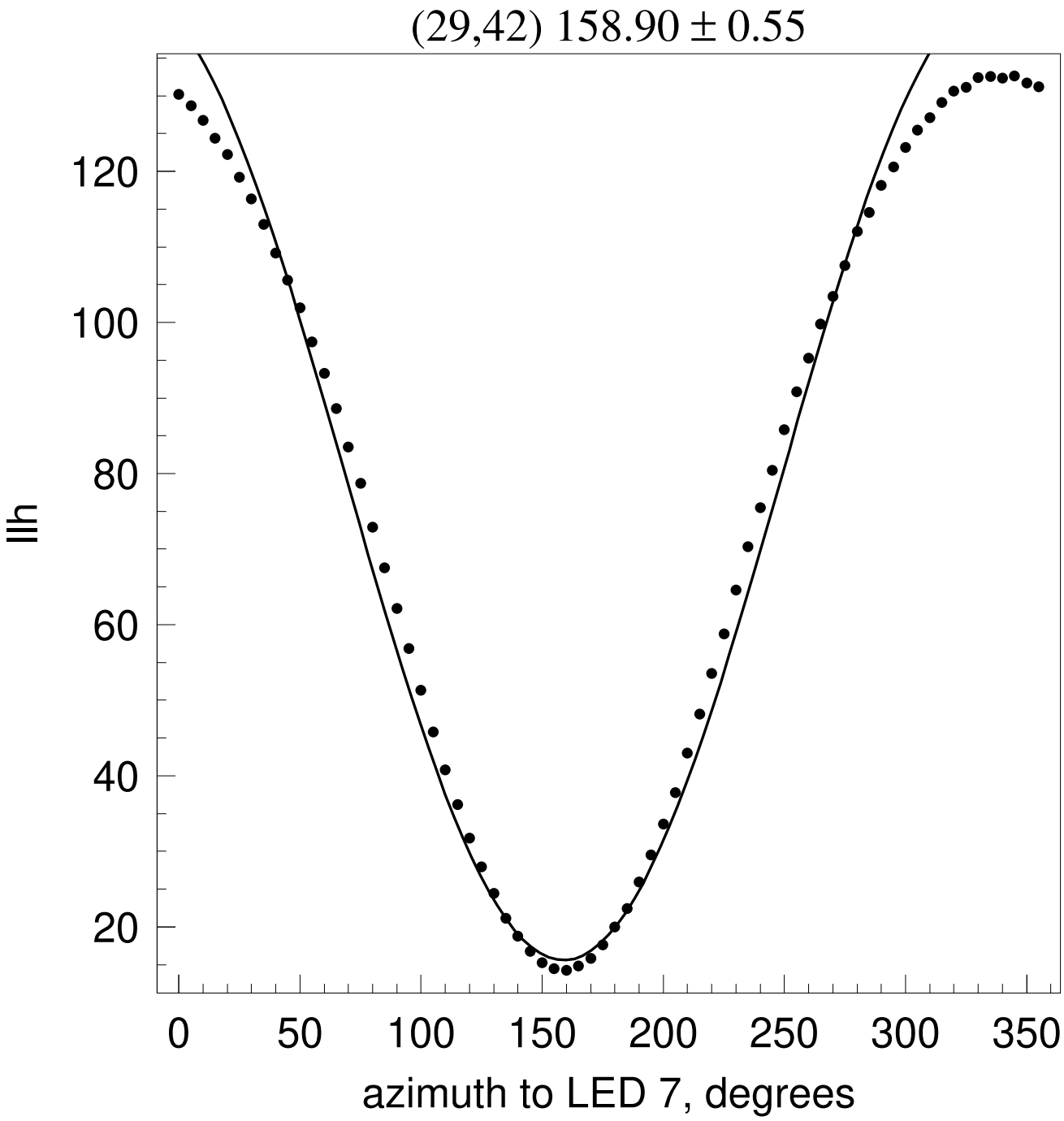

(29,37) 299.53 ± 2.67
40.5
40
39.5
39
38.5
38
37.5
37
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

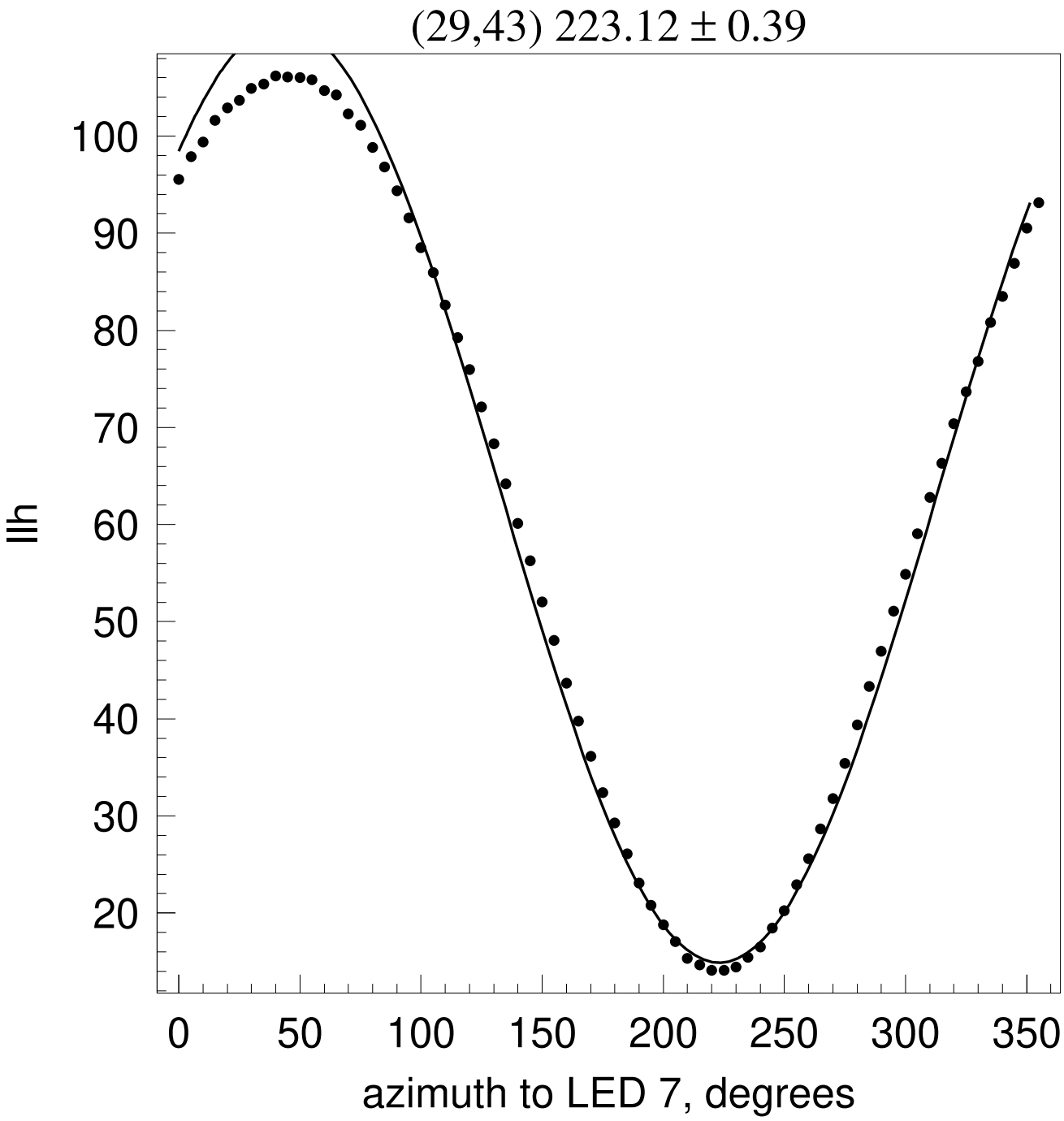

(29,38) 83.32 ± 0.22
50
45
40
35
30
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

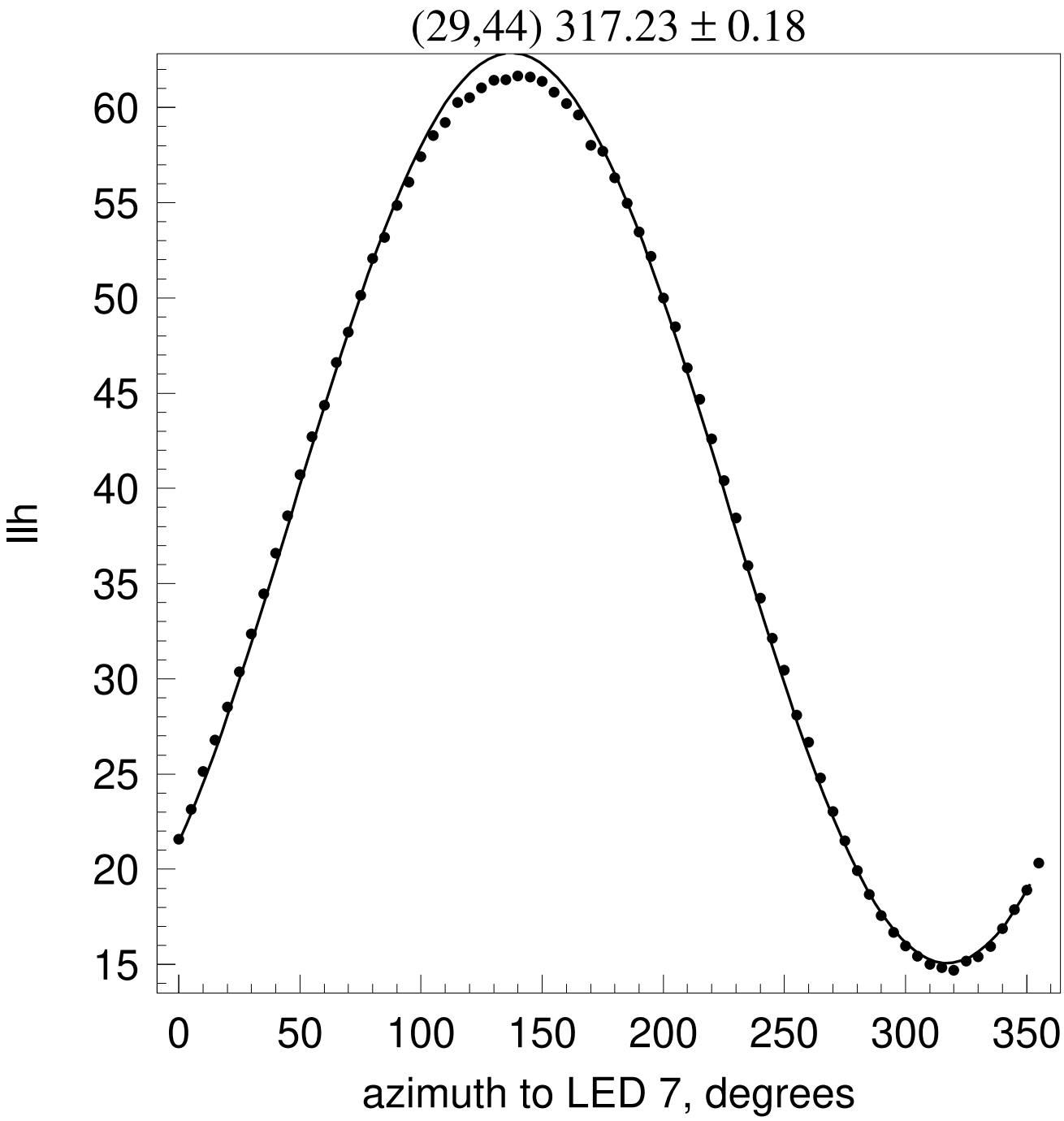

(29,39) 171.82 ± 0.27
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

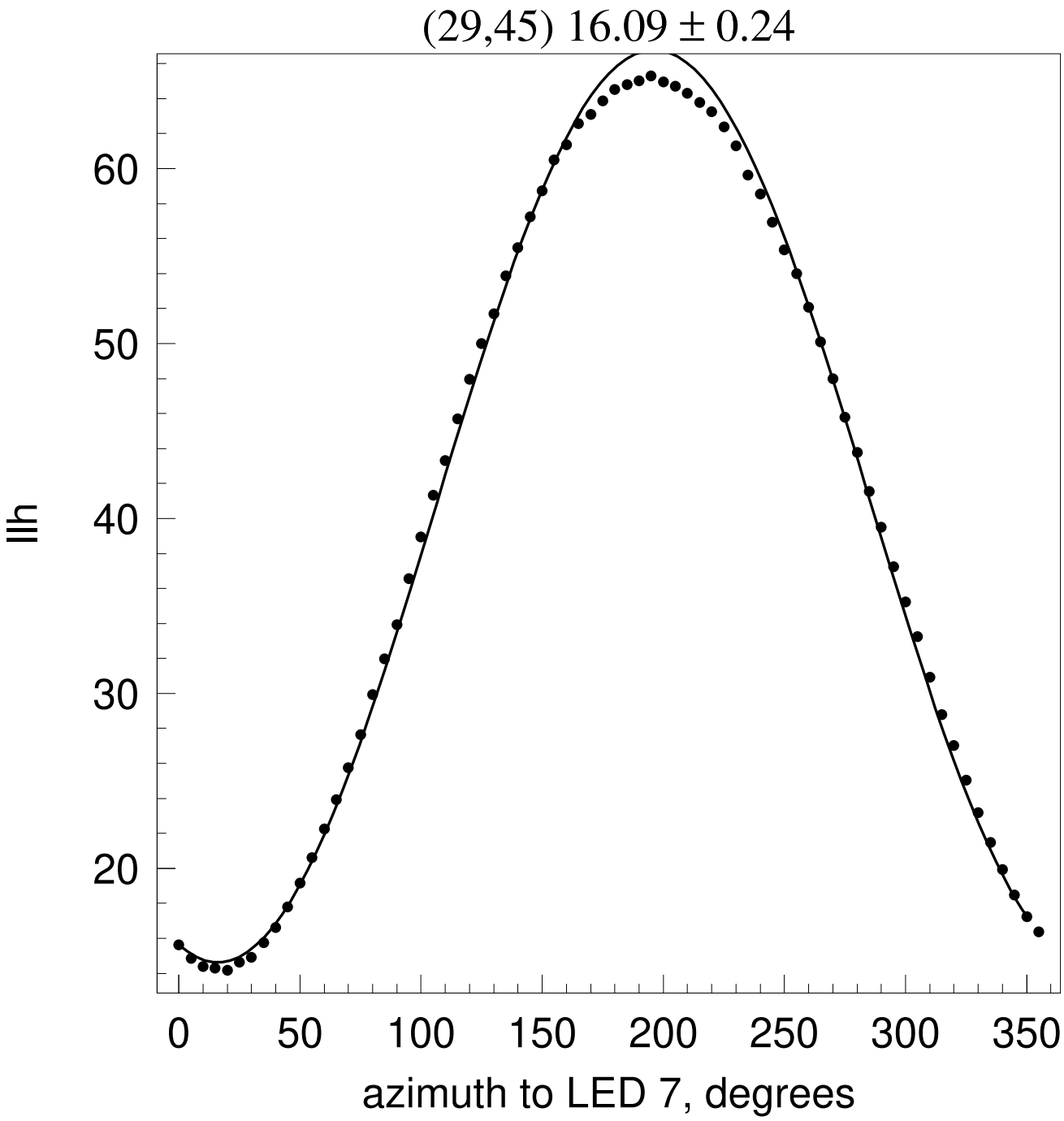

(29,40) 312.32 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

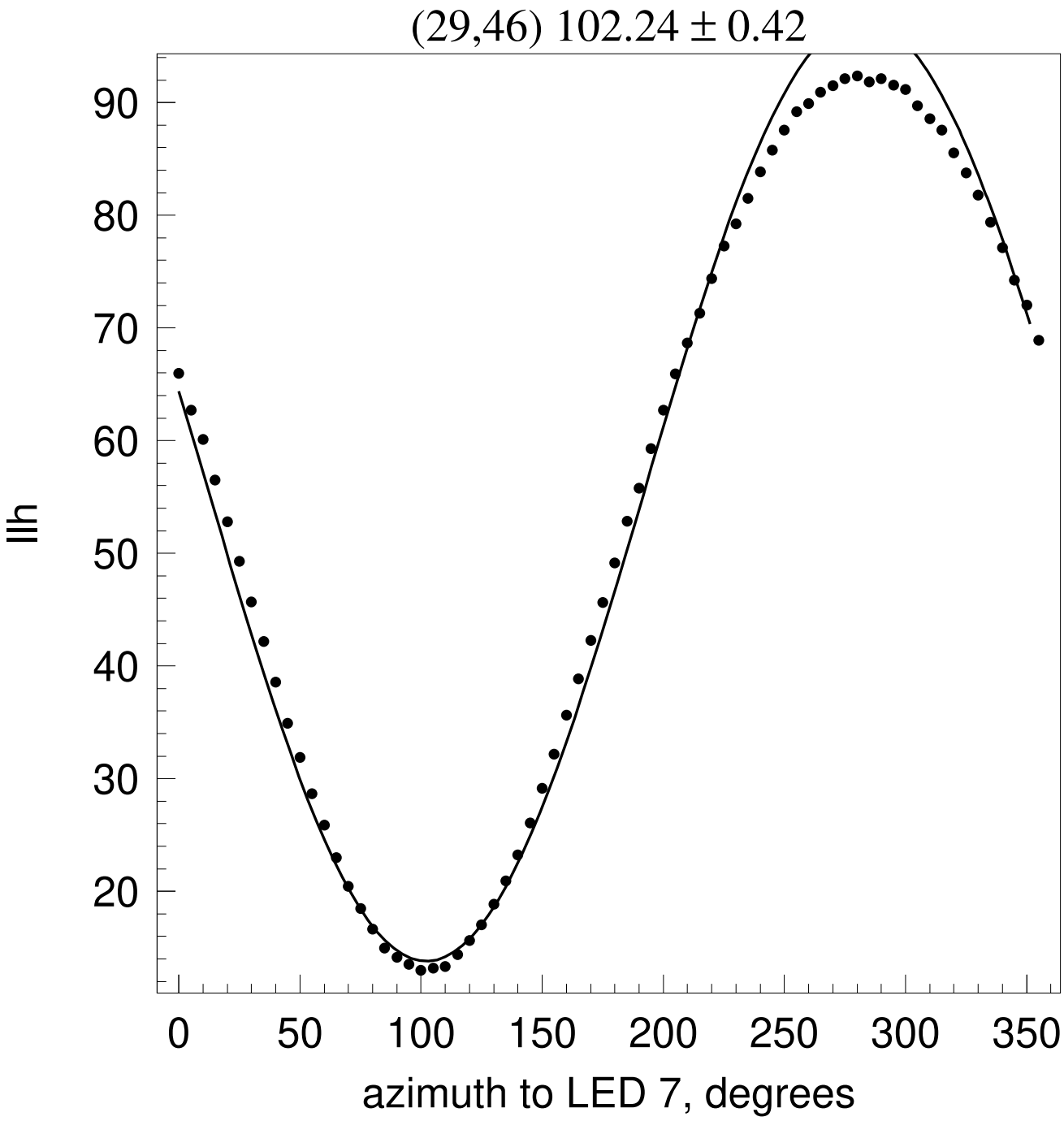

(29,41) 23.42 ± 0.11
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

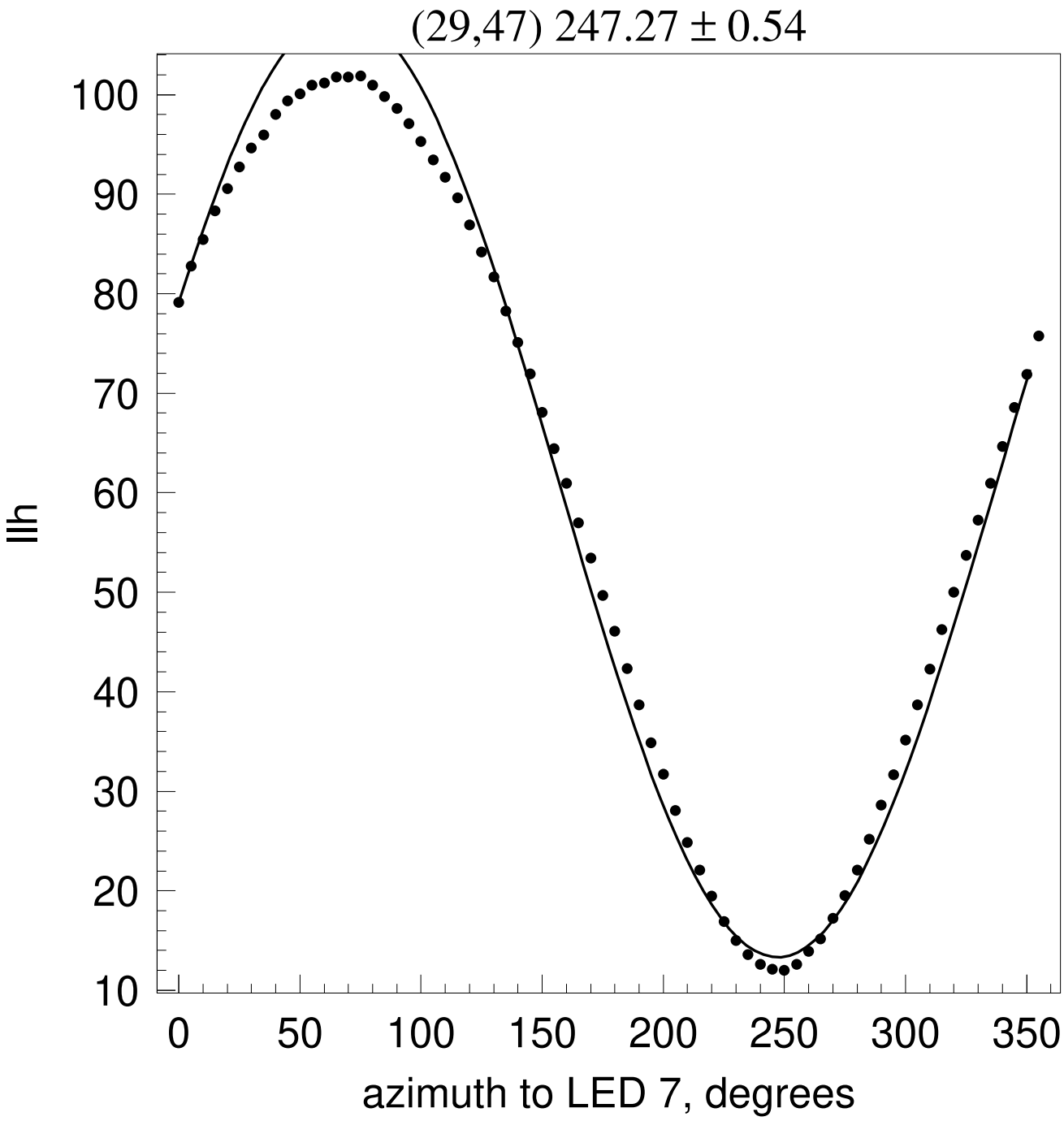

(29,42) 158.90 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

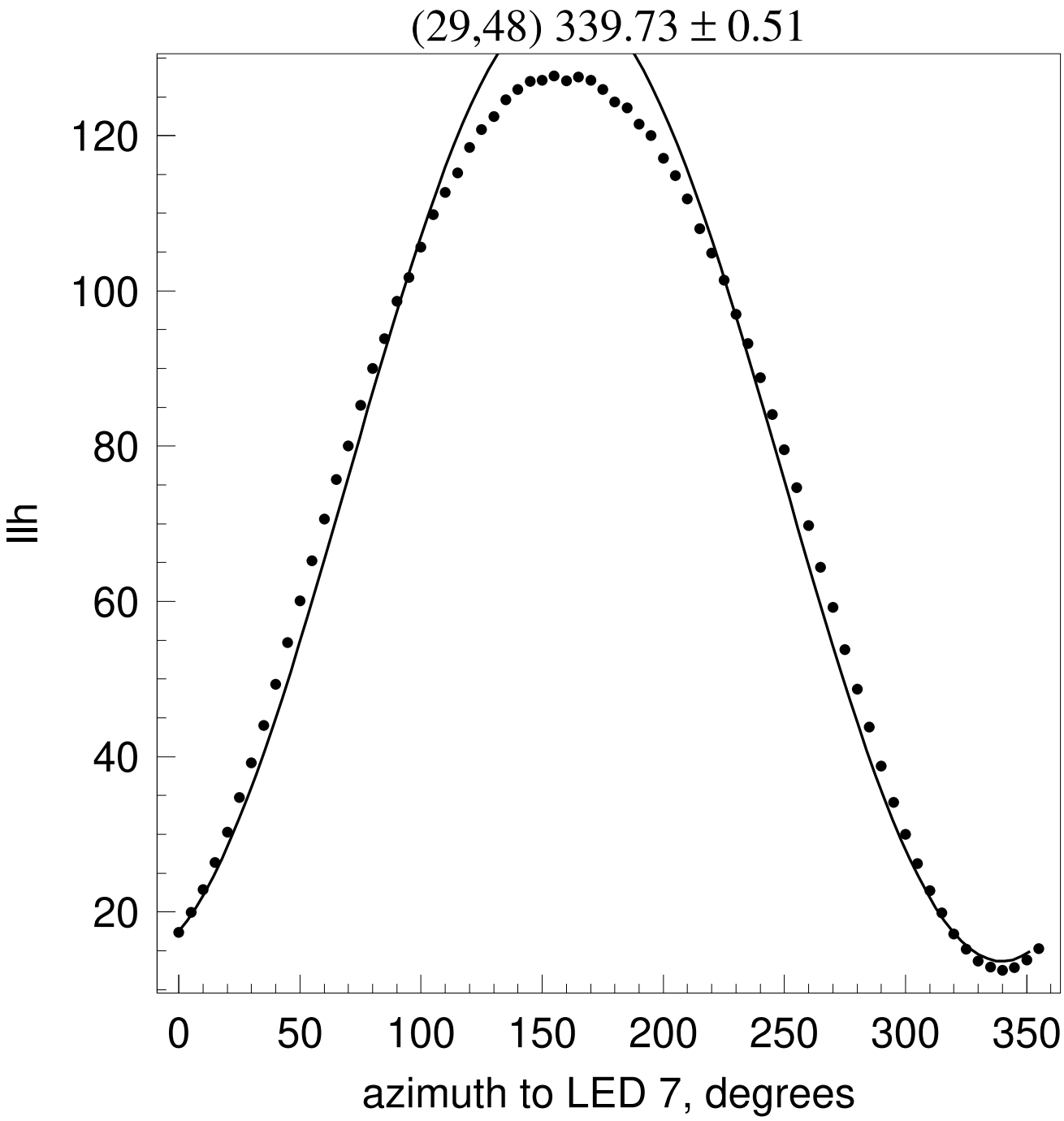

(29,43) 223.12 ± 0.39
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

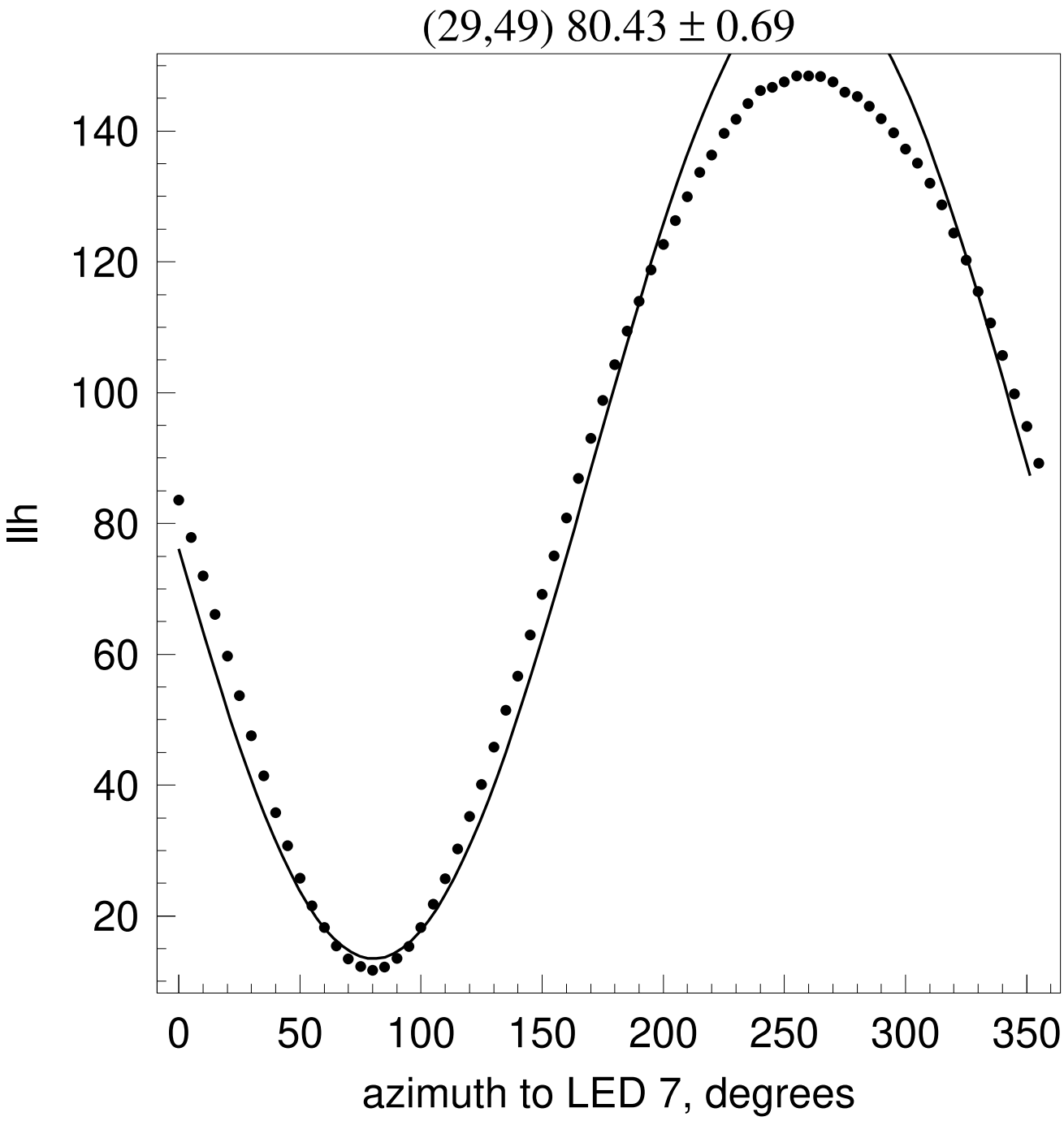

(29,44) 317.23 ± 0.18
60
55
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

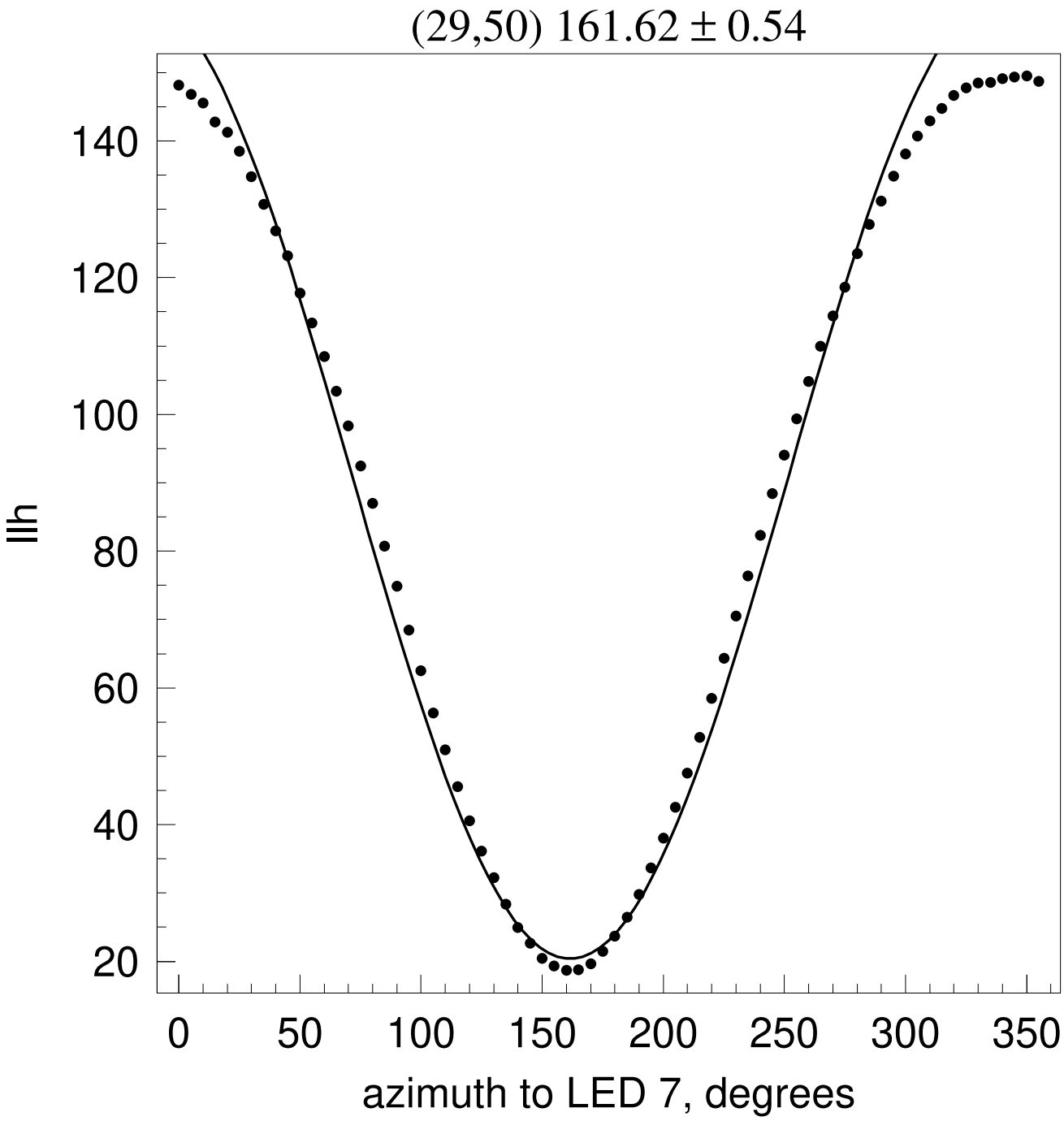

(29,45) 16.09 ± 0.24
60
50
40
30
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

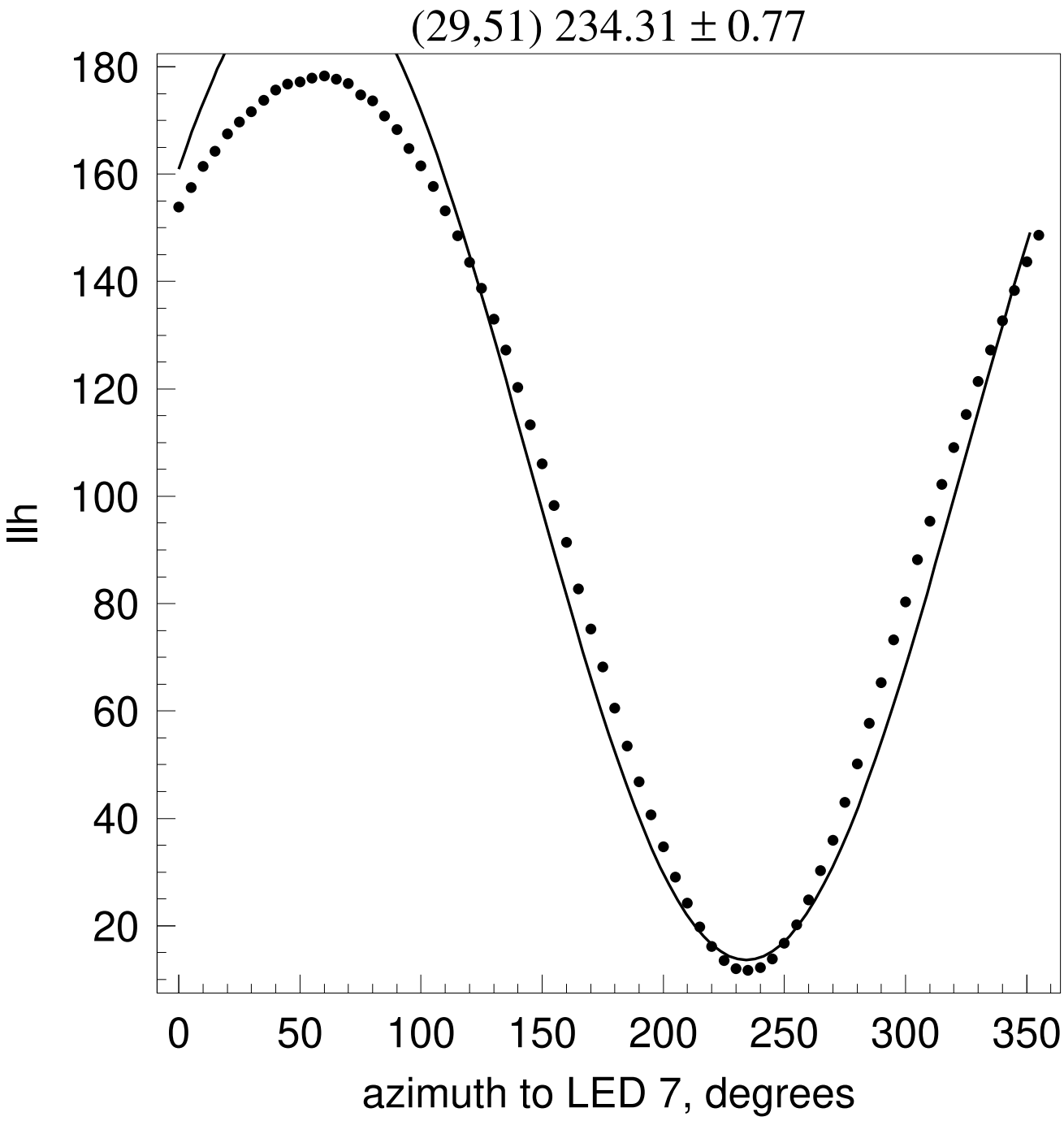

(29,46) 102.24 ± 0.42
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

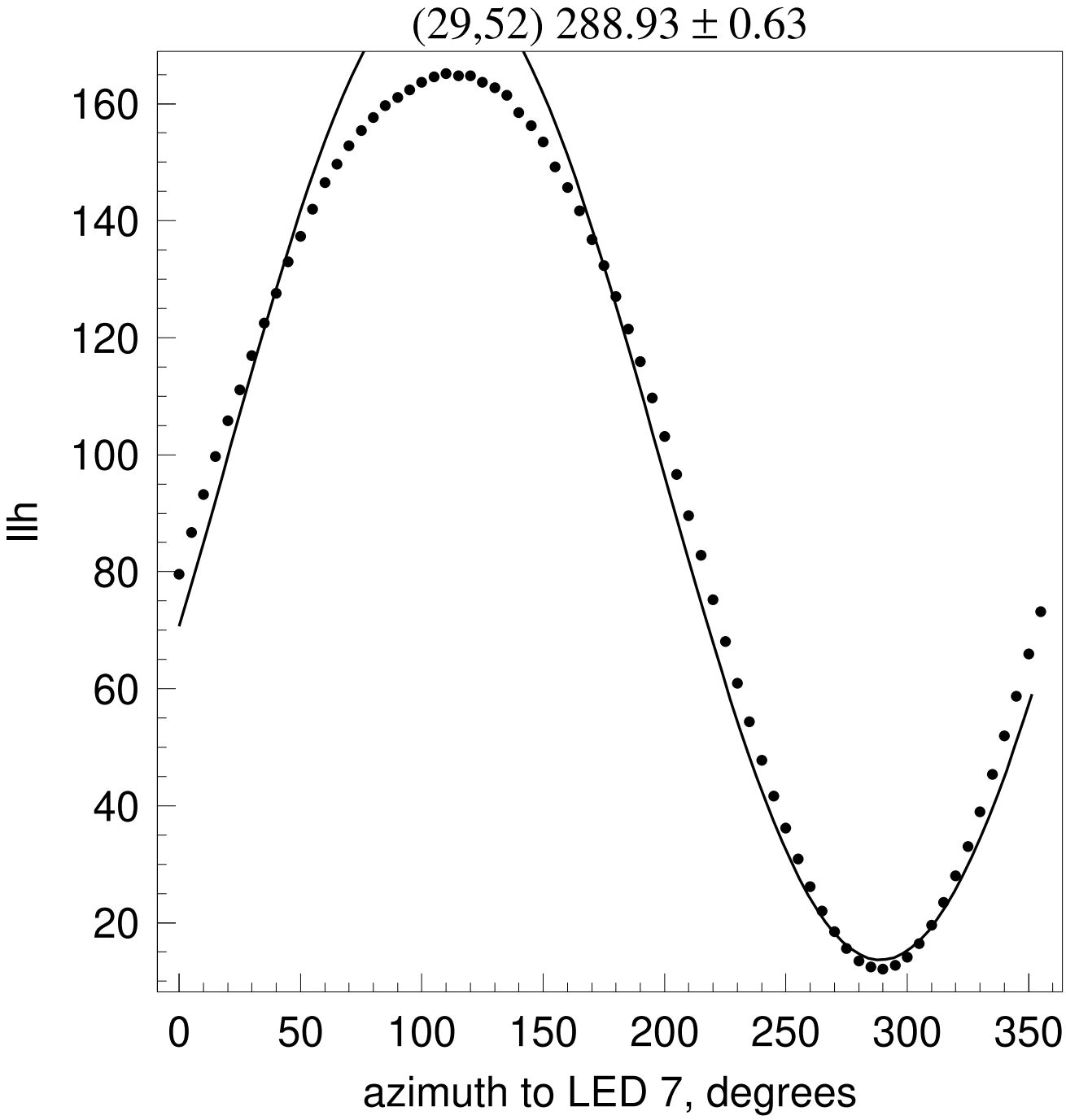

(29,47) 247.27 ± 0.54
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

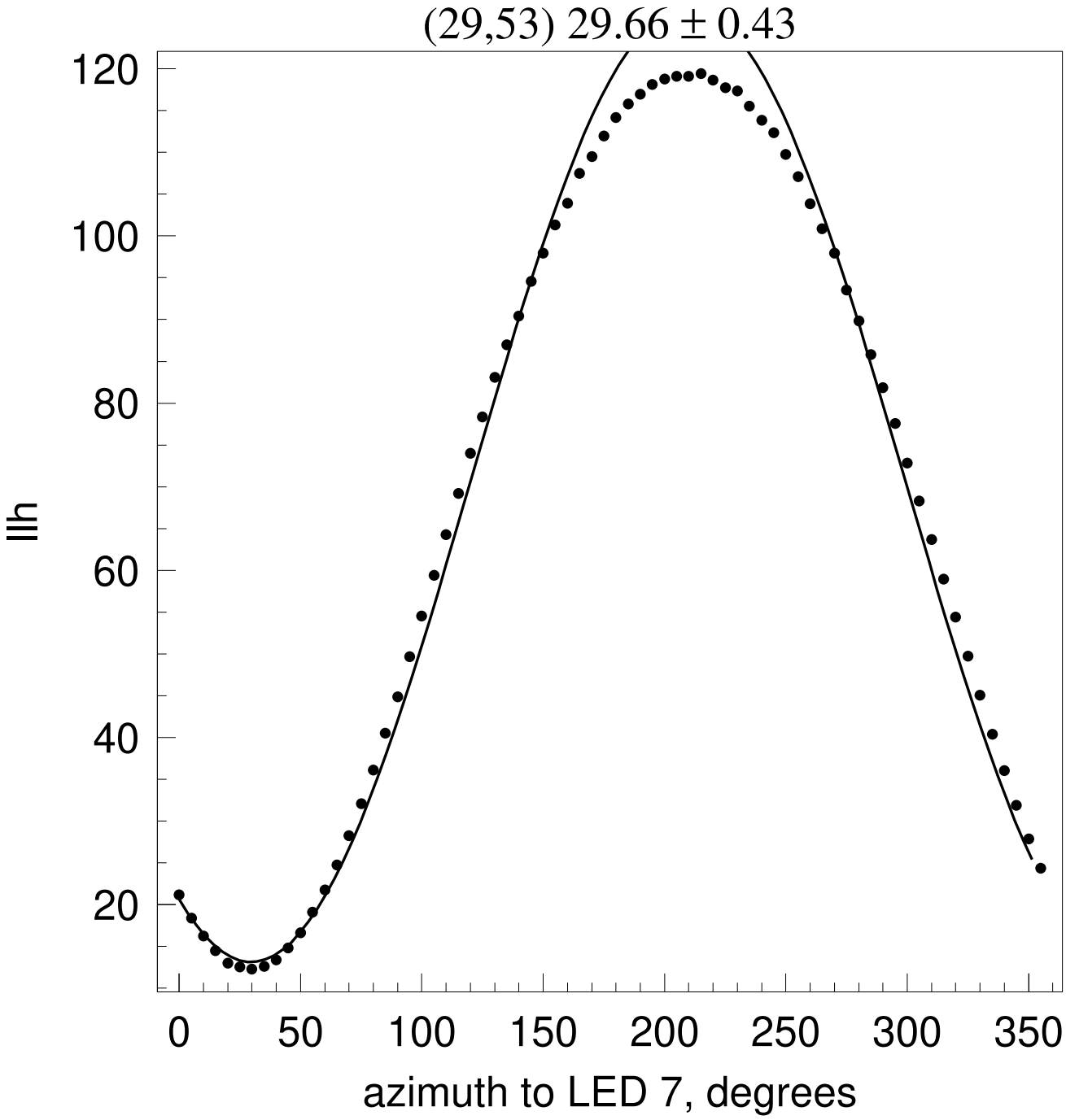

(29,48) 339.73 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

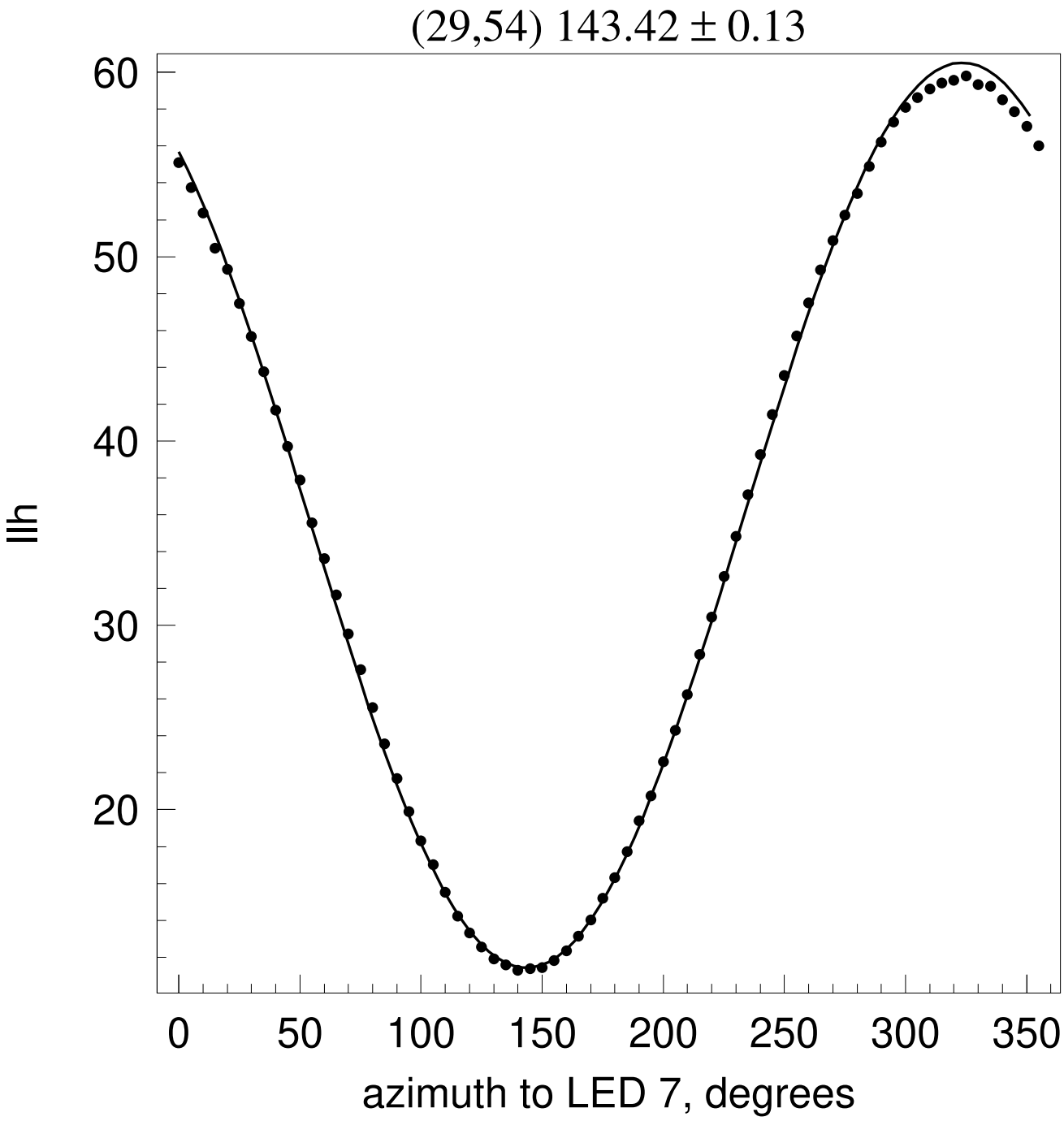

(29,49) 80.43 ± 0.69
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

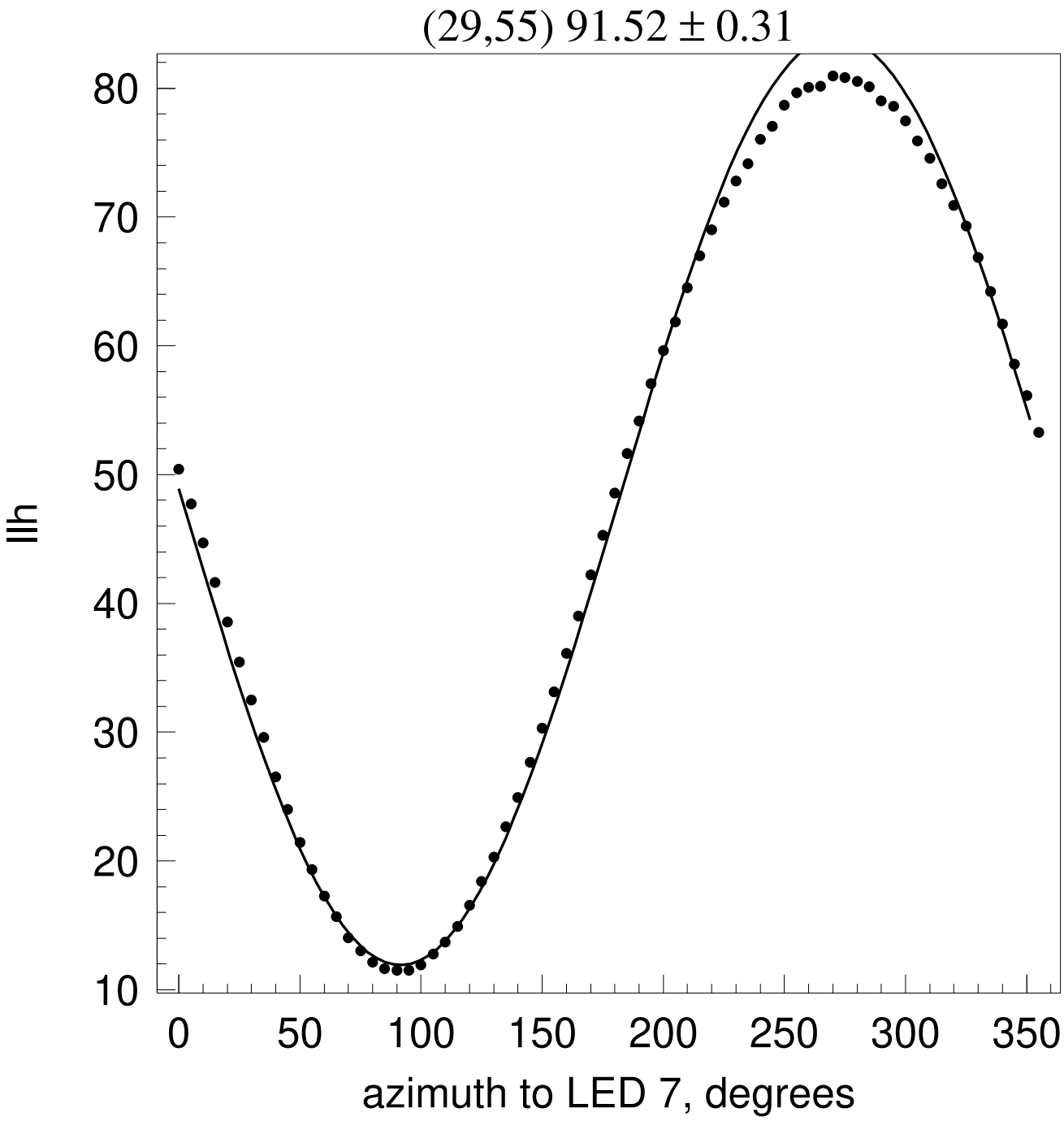

(29,50) 161.62 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

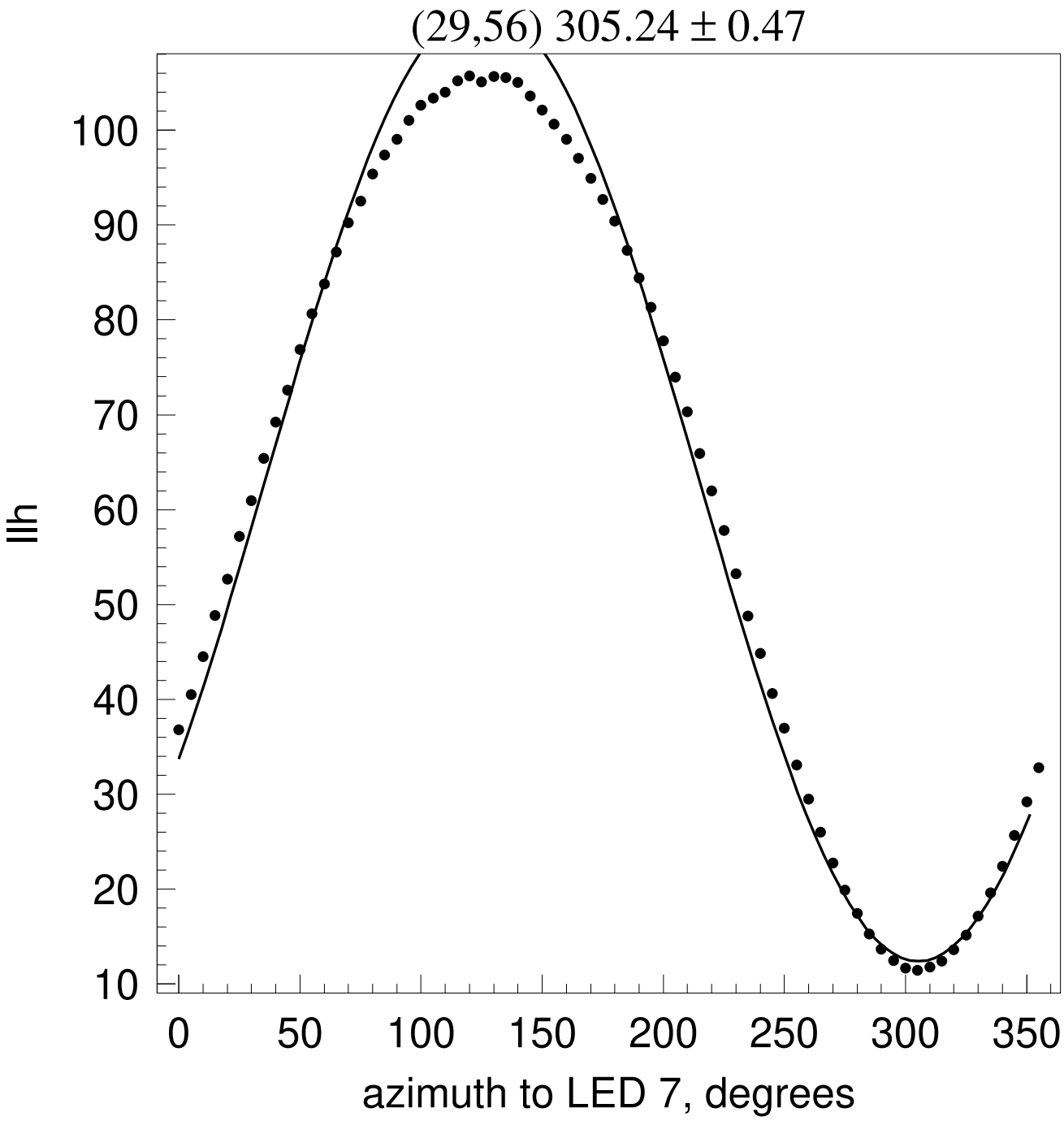

(29,51) 234.31 ± 0.77
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

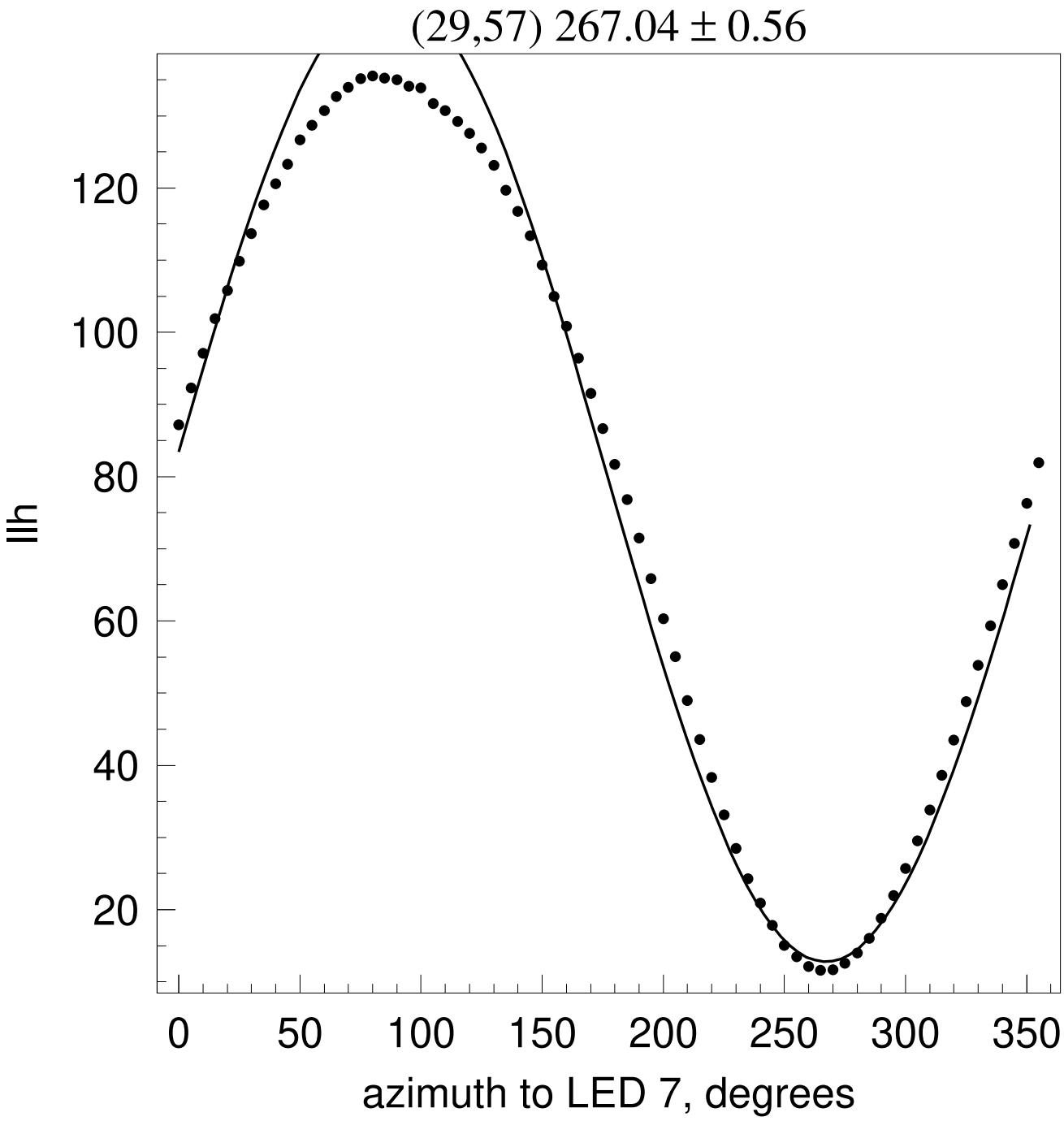

(29,52) 288.93 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

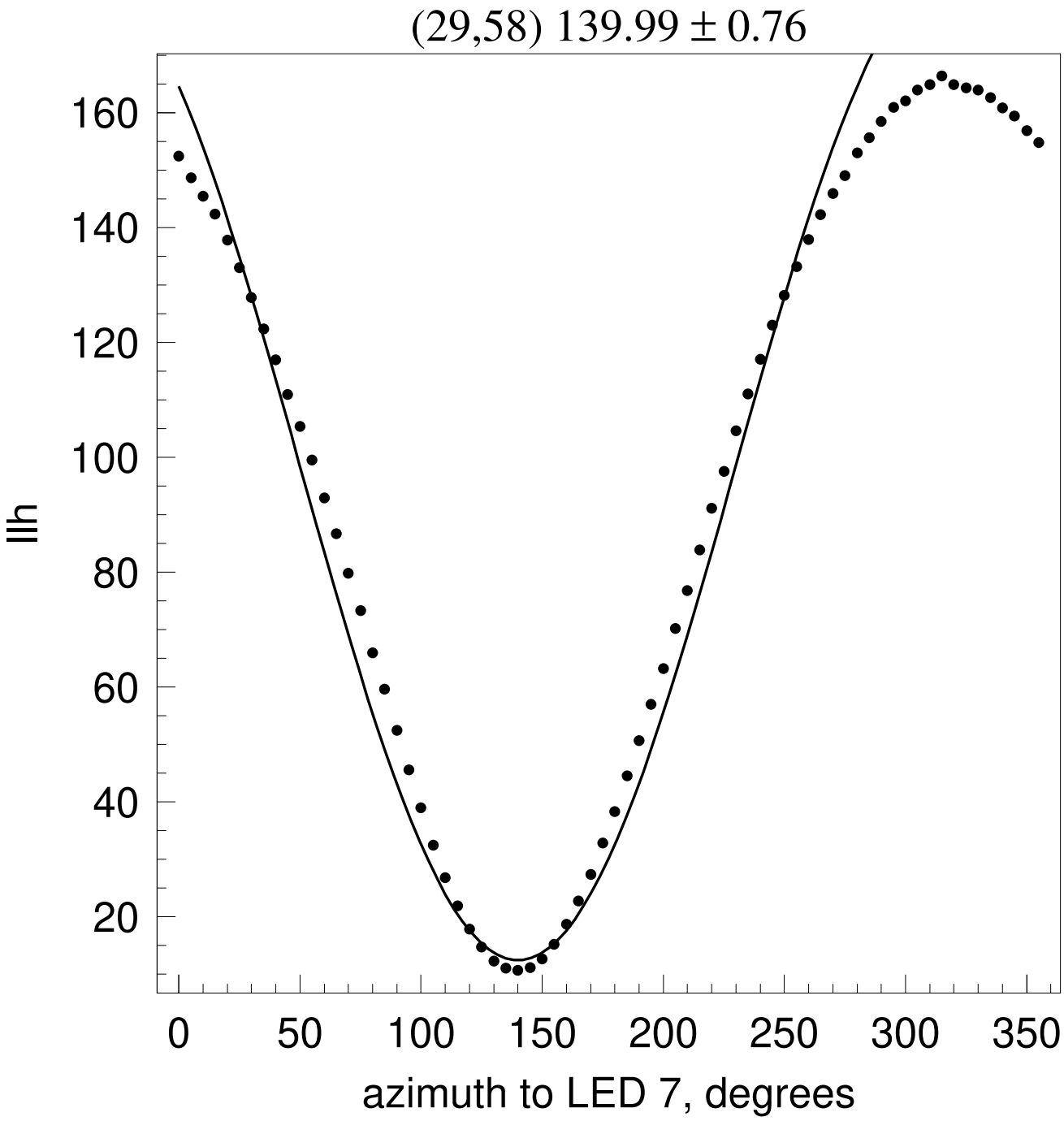

(29,53) 29.66 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

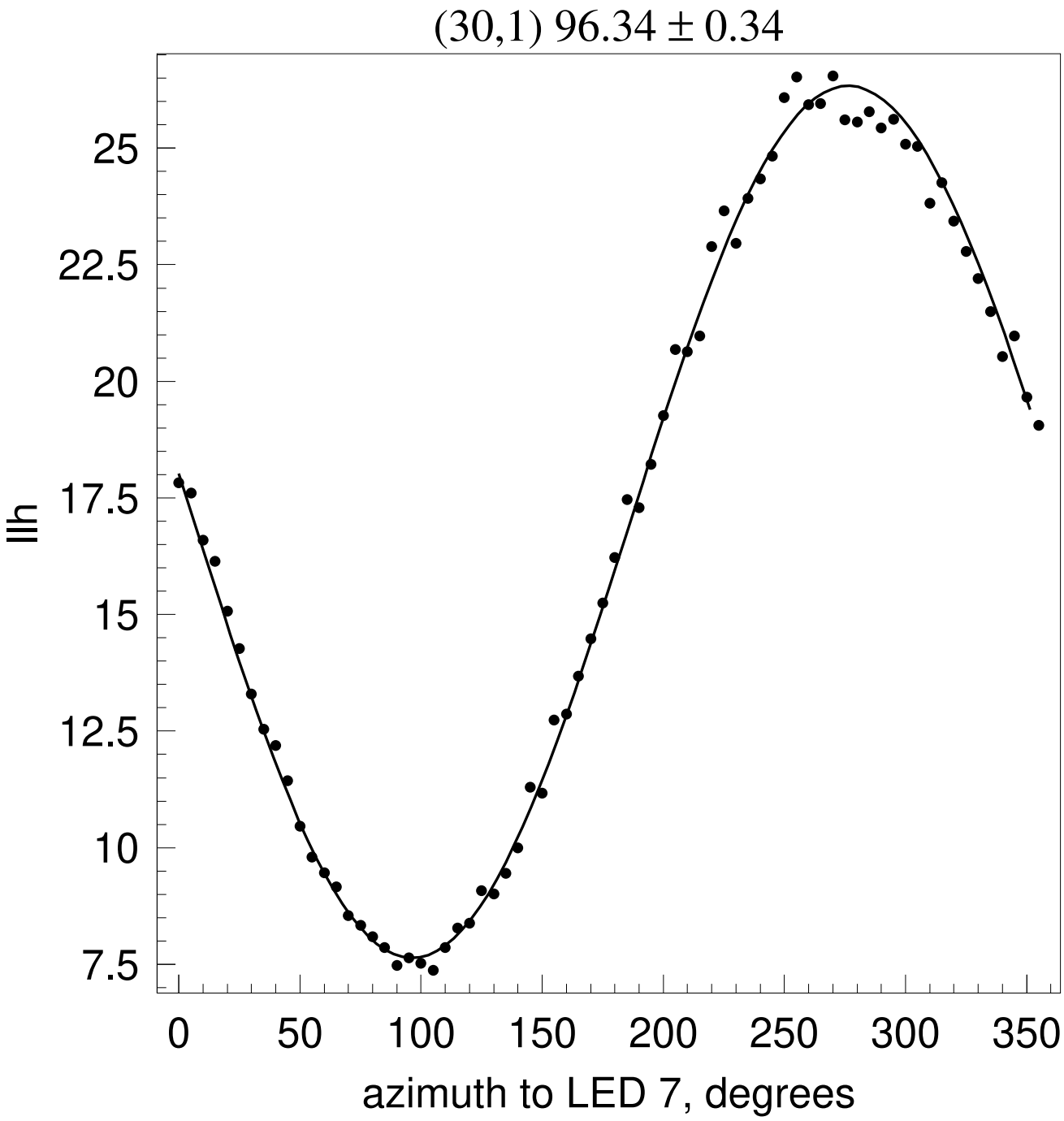

(29,54) 143.42 ± 0.13
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

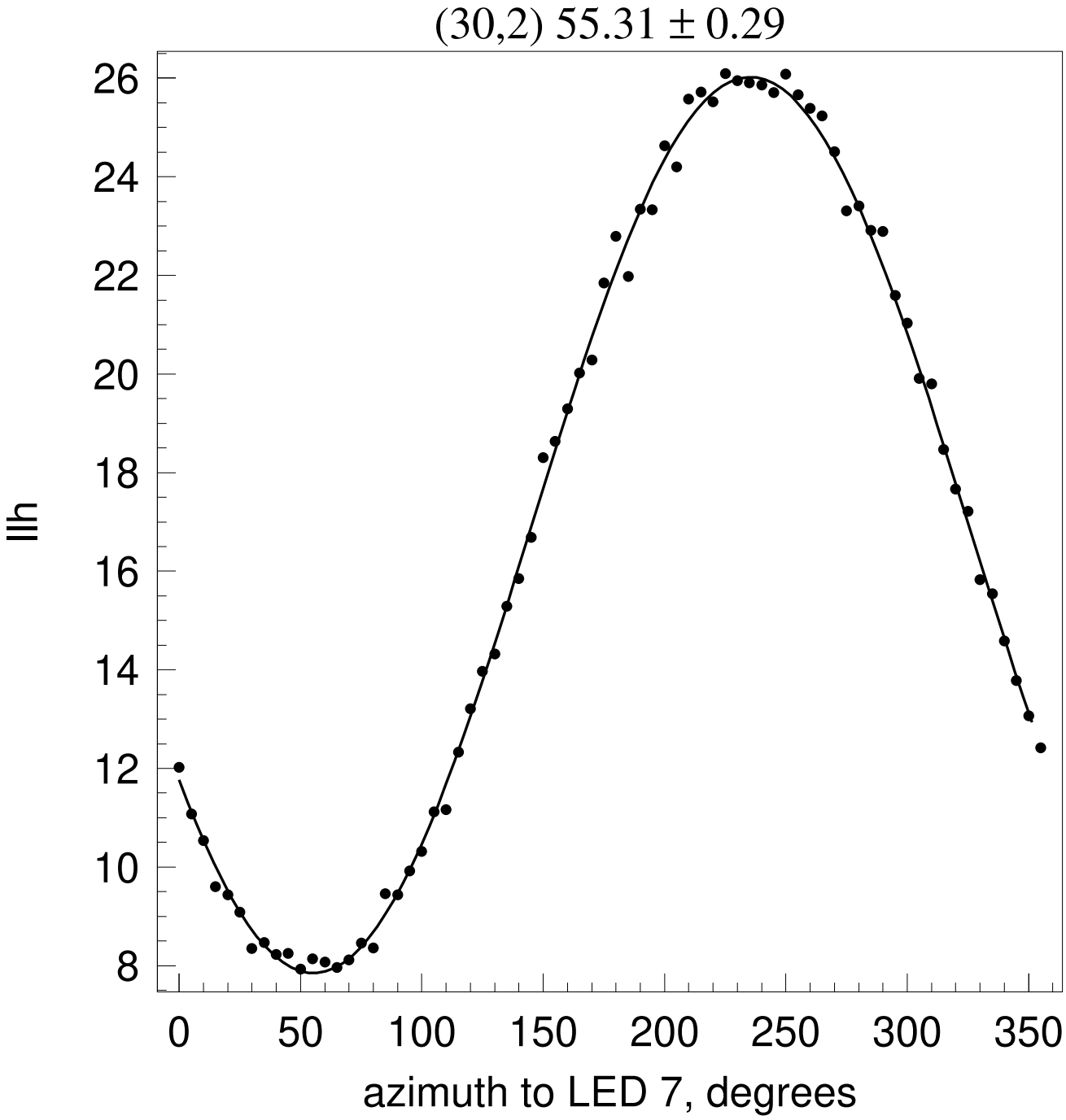

(29,55) 91.52 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

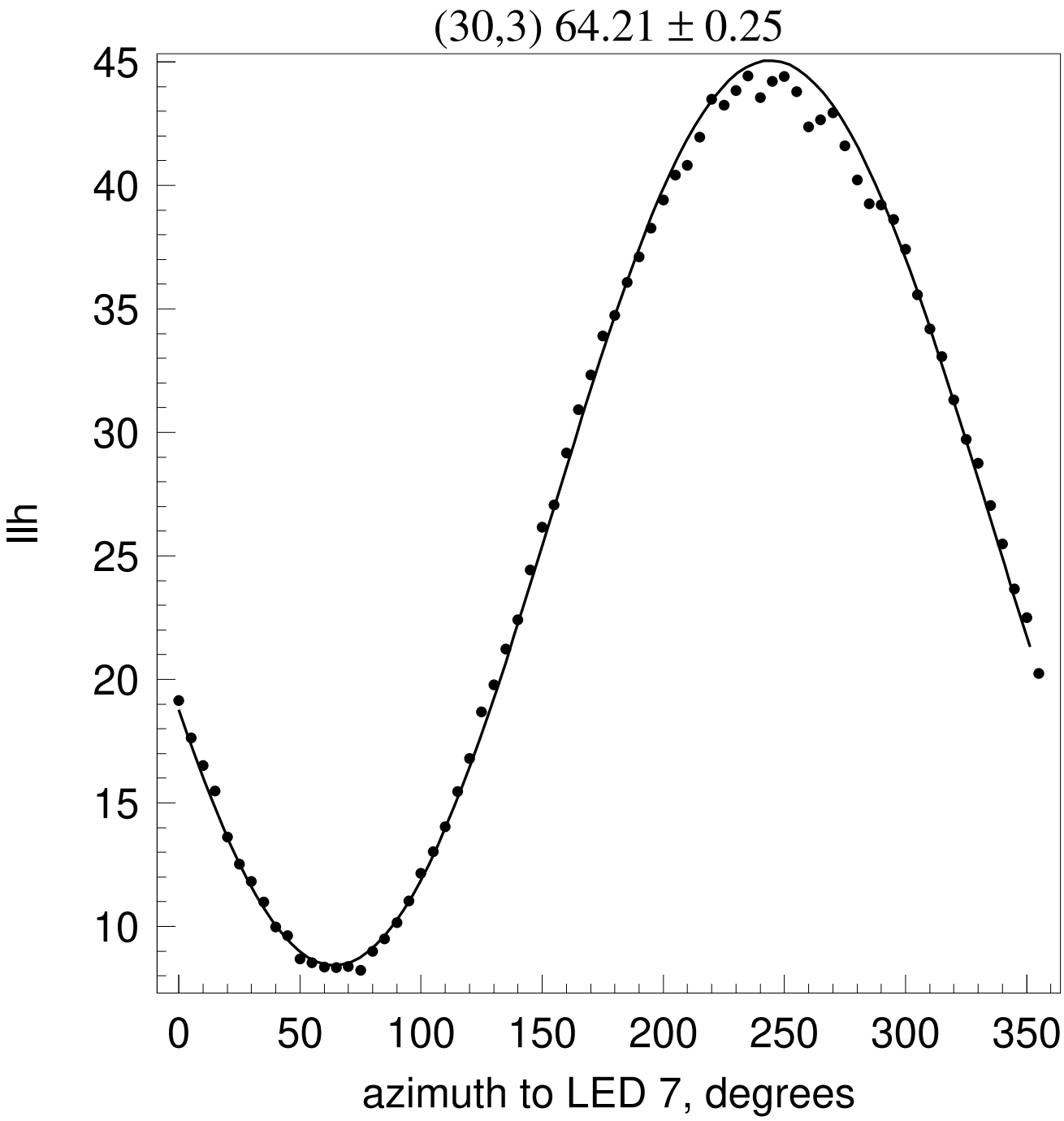

(29,56) 305.24 ± 0.47
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

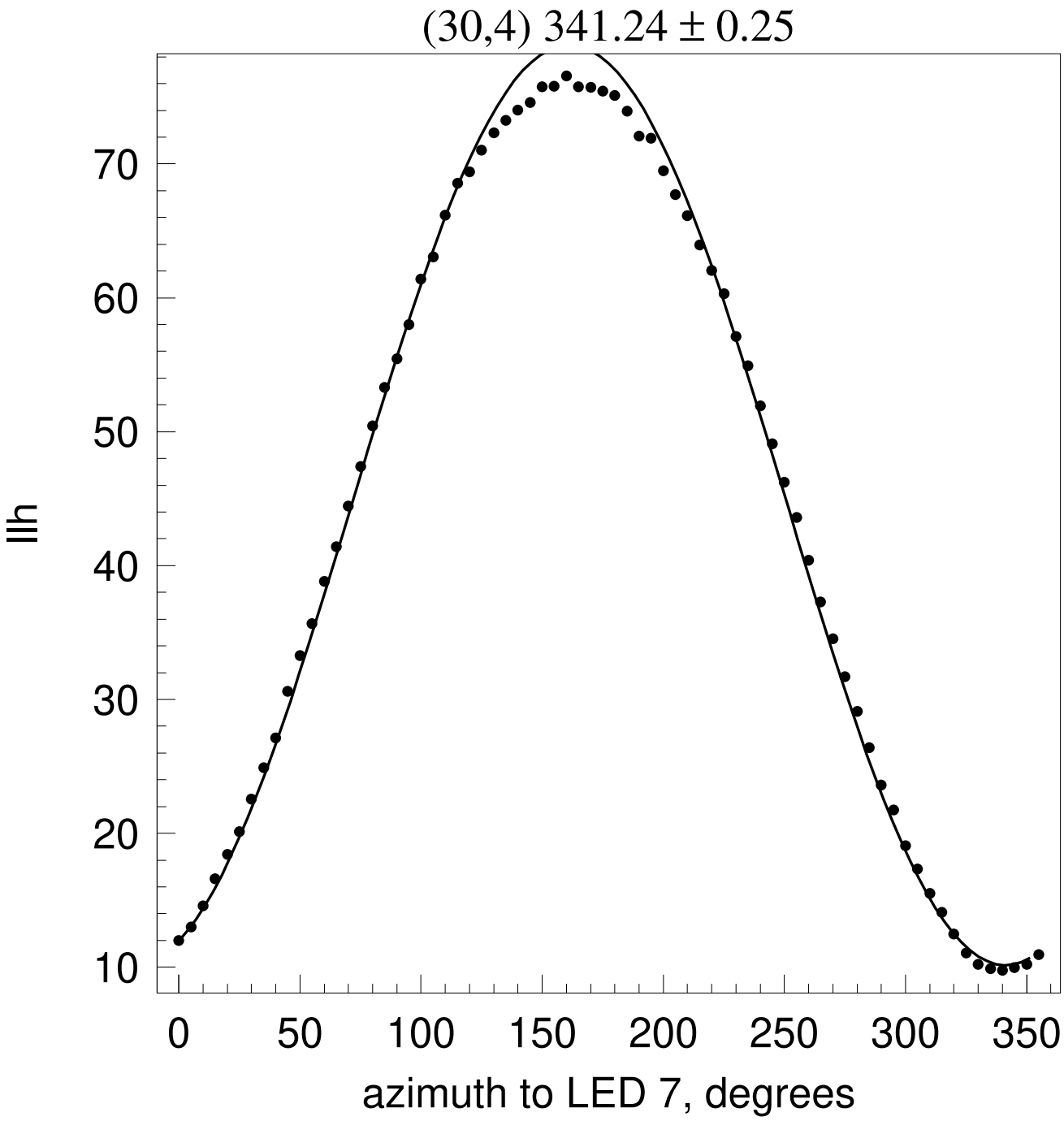

(29,57) 267.04 ± 0.56
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

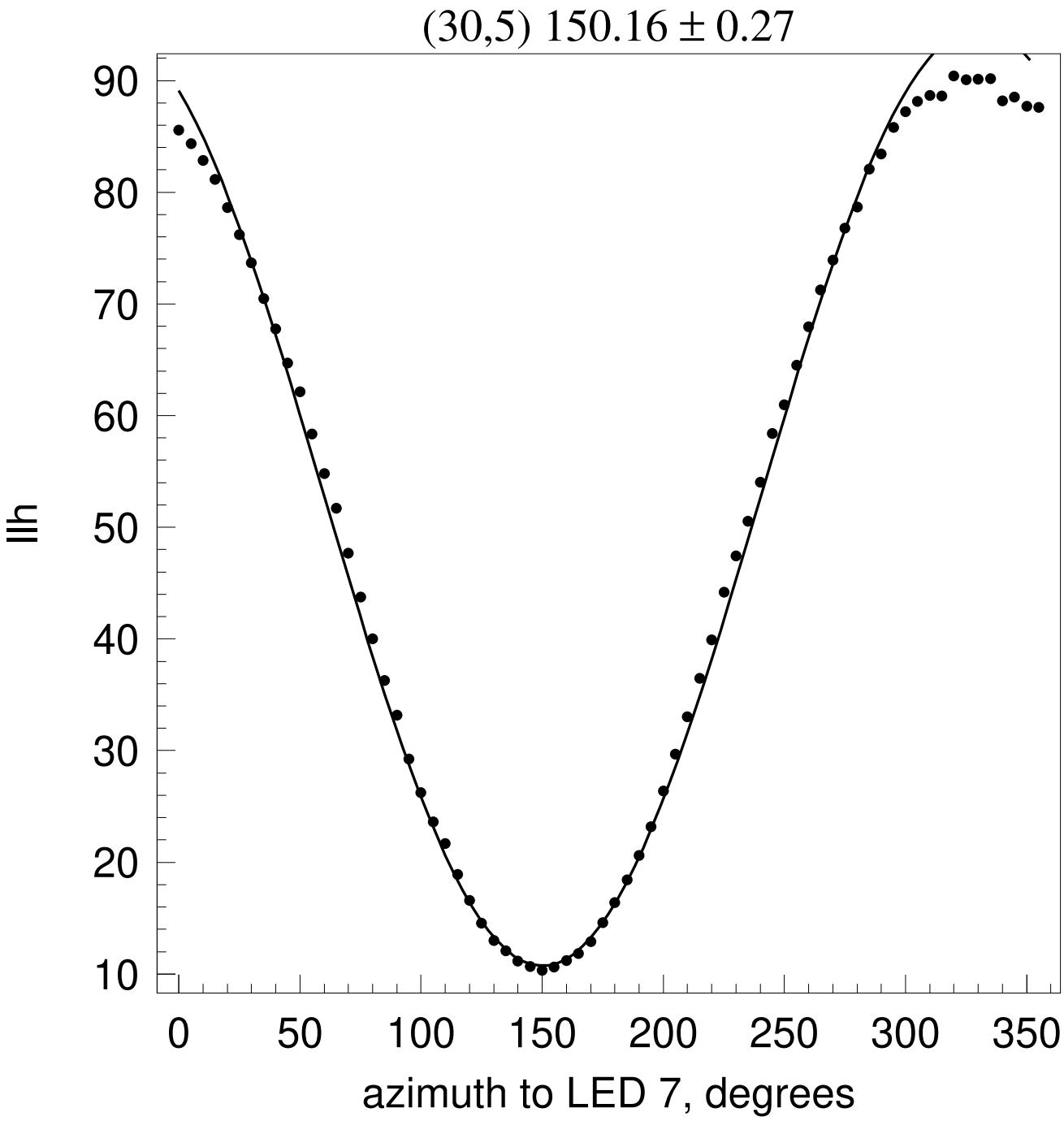

(29,58) 139.99 ± 0.76
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

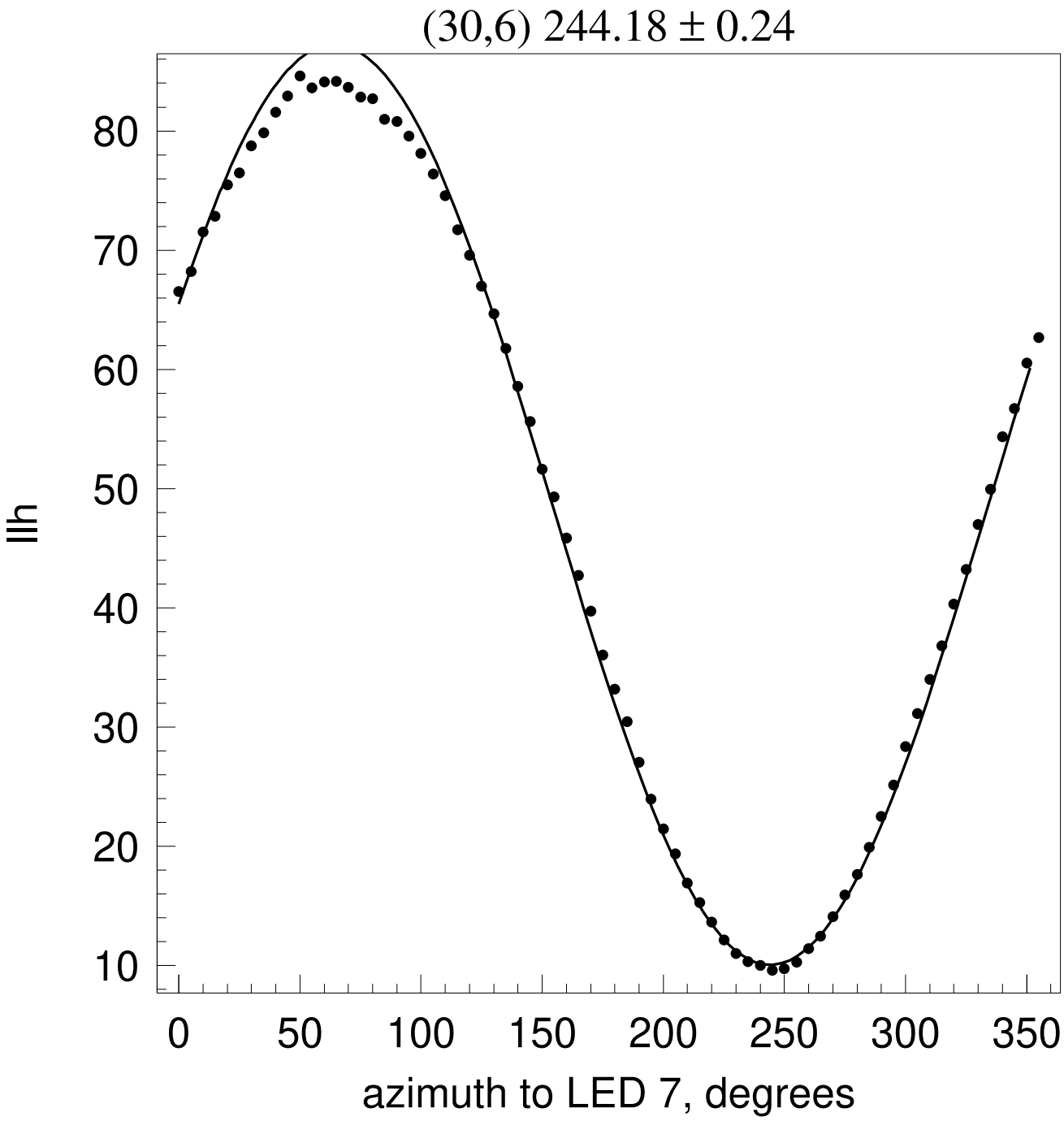

(30,1) 96.34 ± 0.34
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

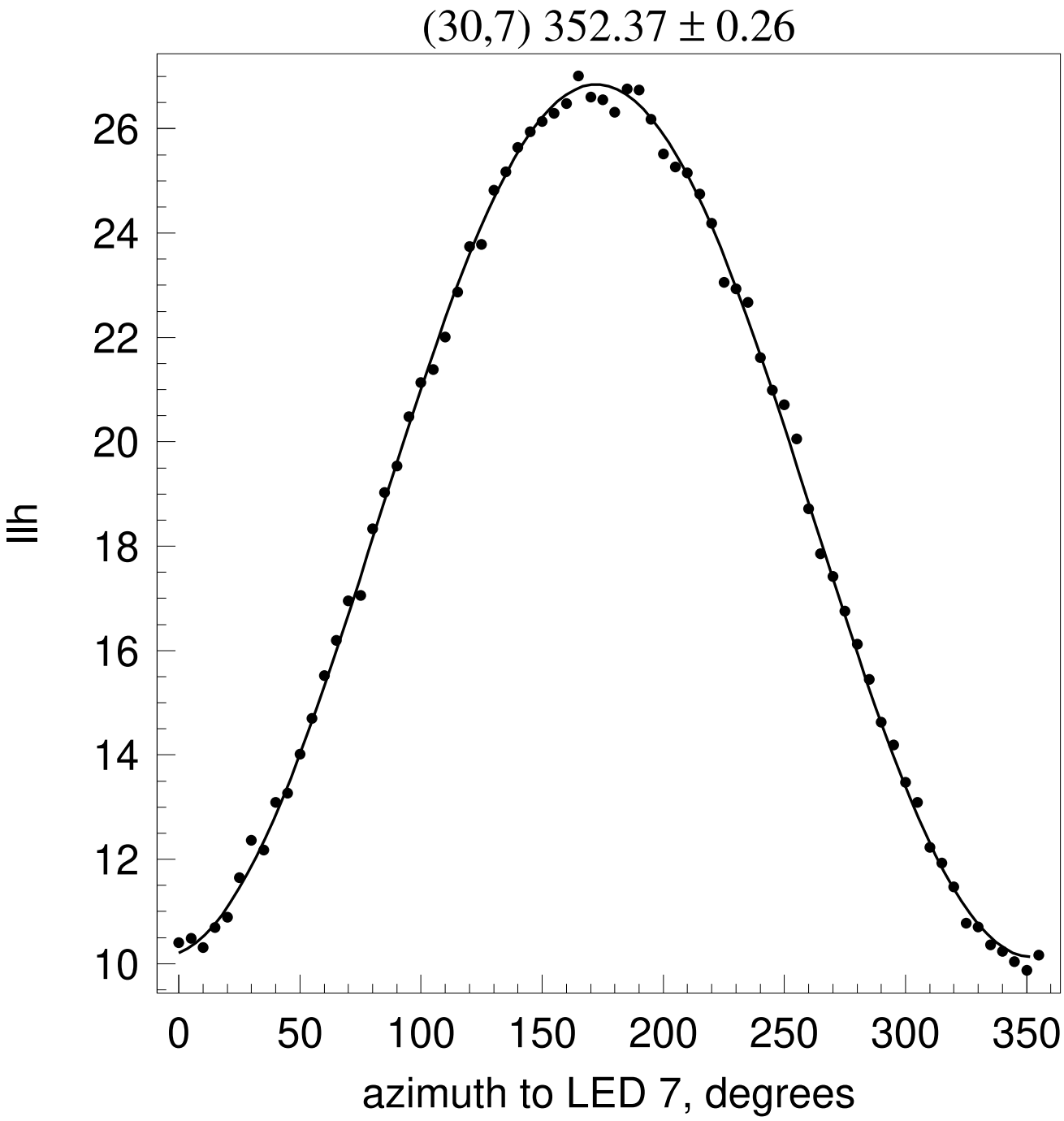

(30,2) 55.31 ± 0.29
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

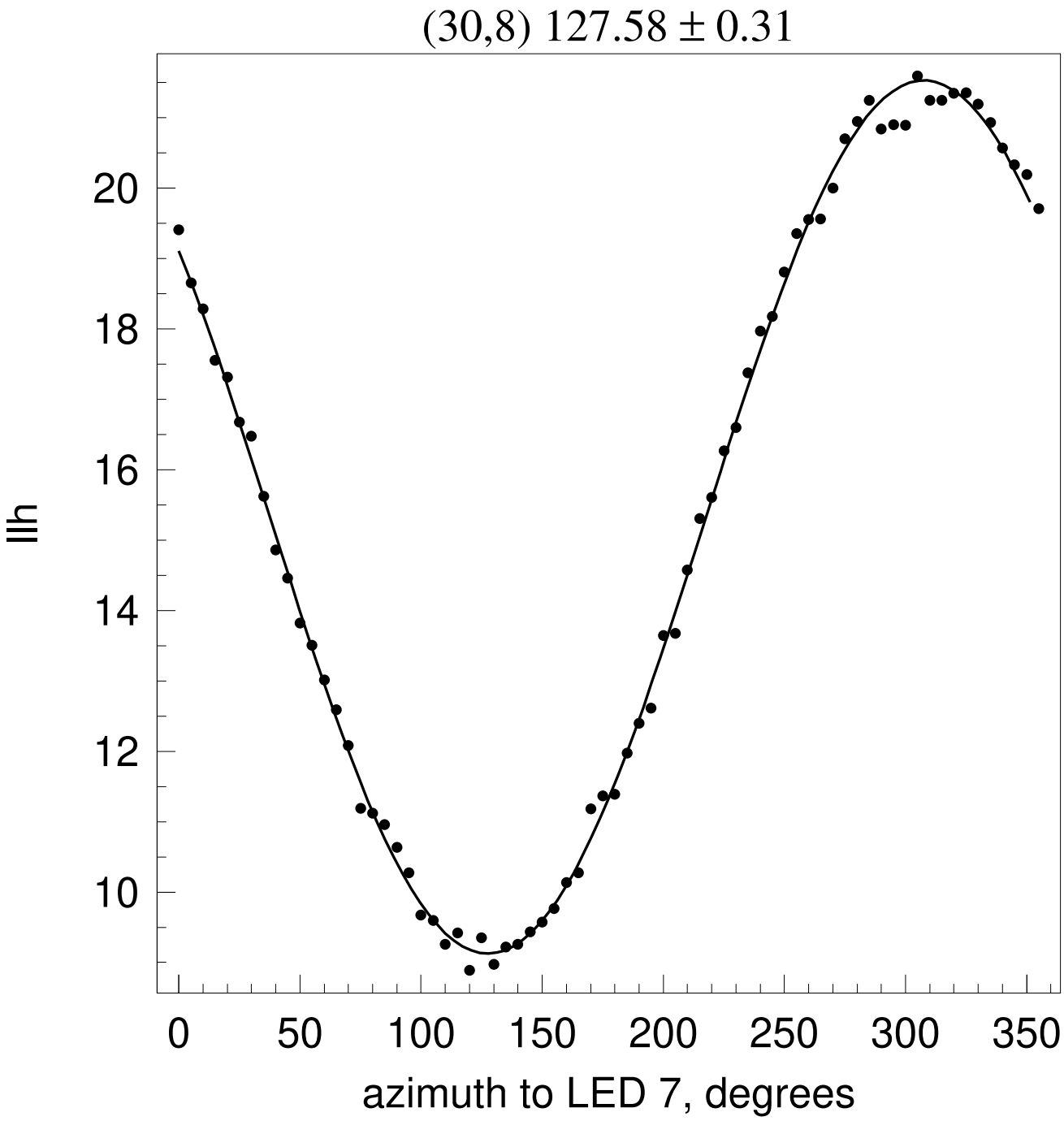

(30,3) 64.21 ± 0.25
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

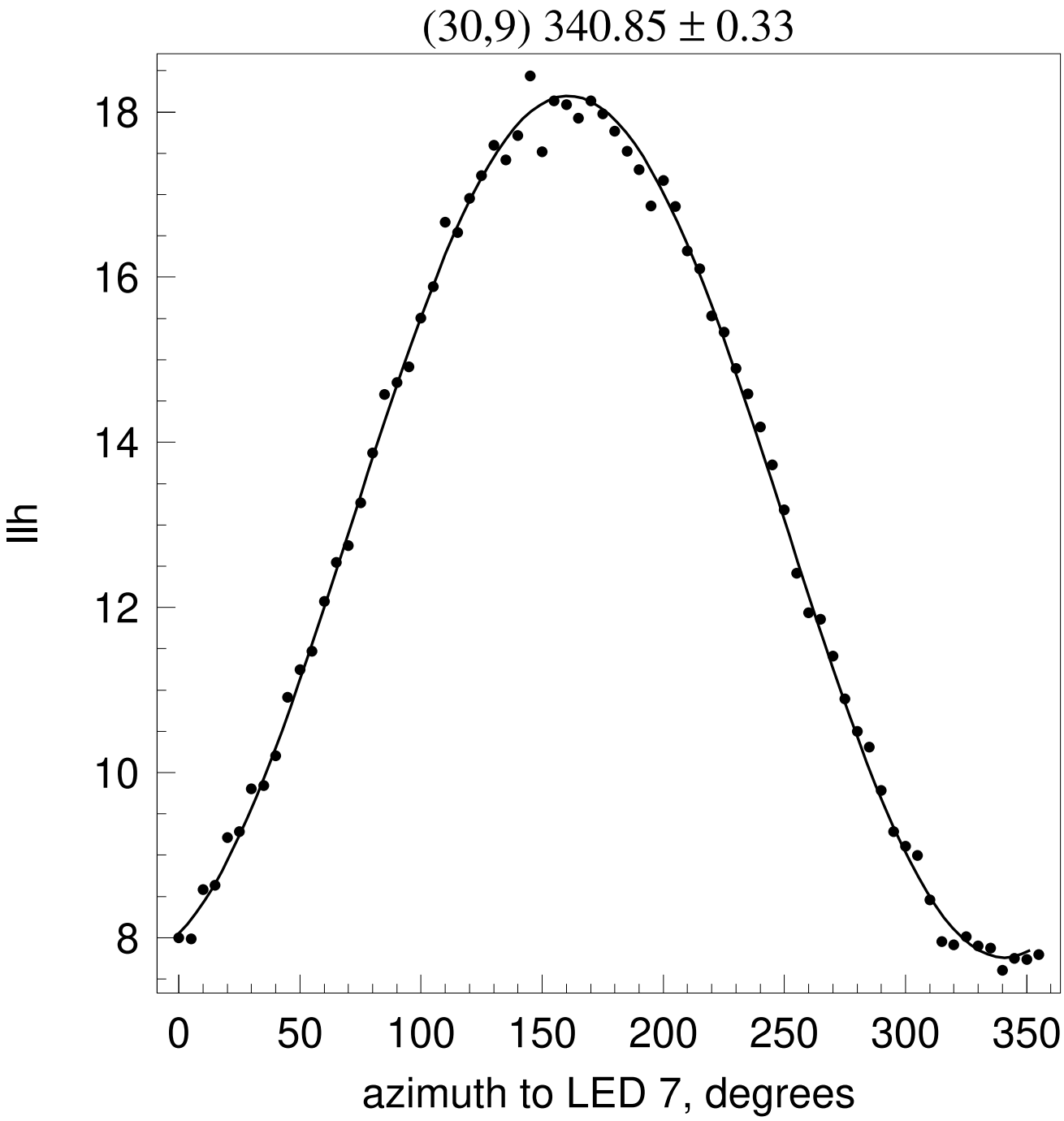

(30,4) 341.24 ± 0.25
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

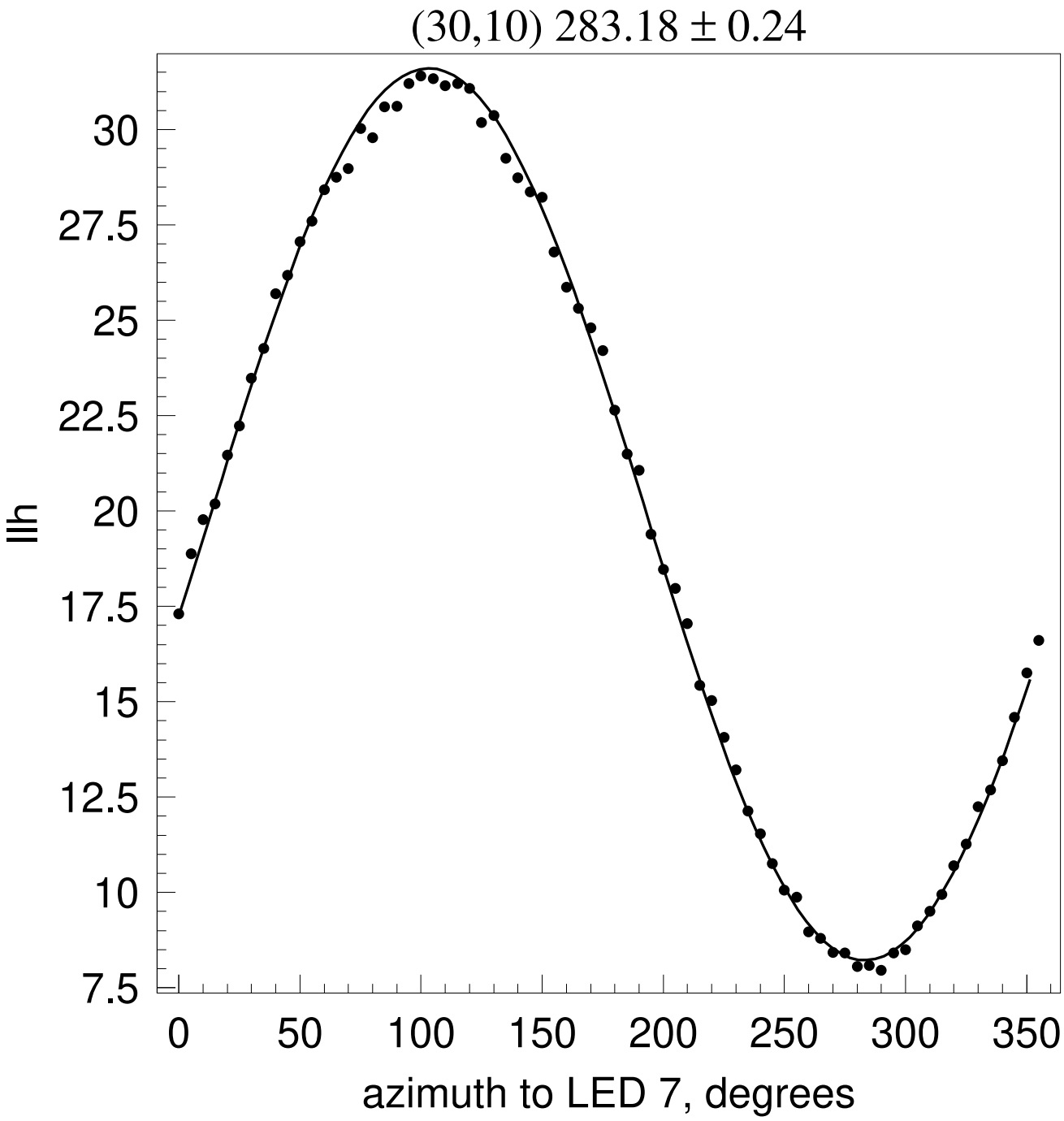

(30,5) 150.16 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

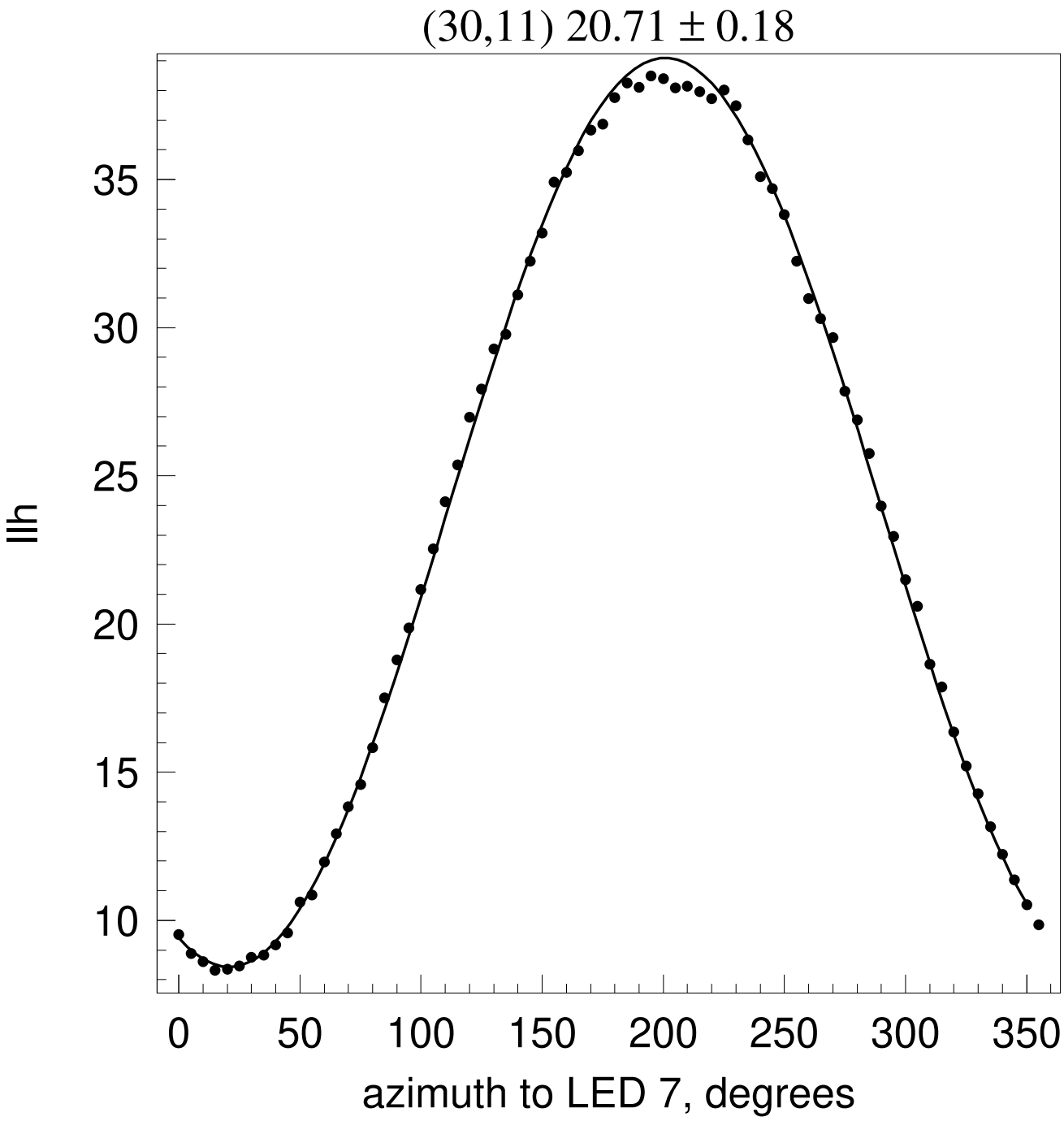

(30,6) 244.18 ± 0.24
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

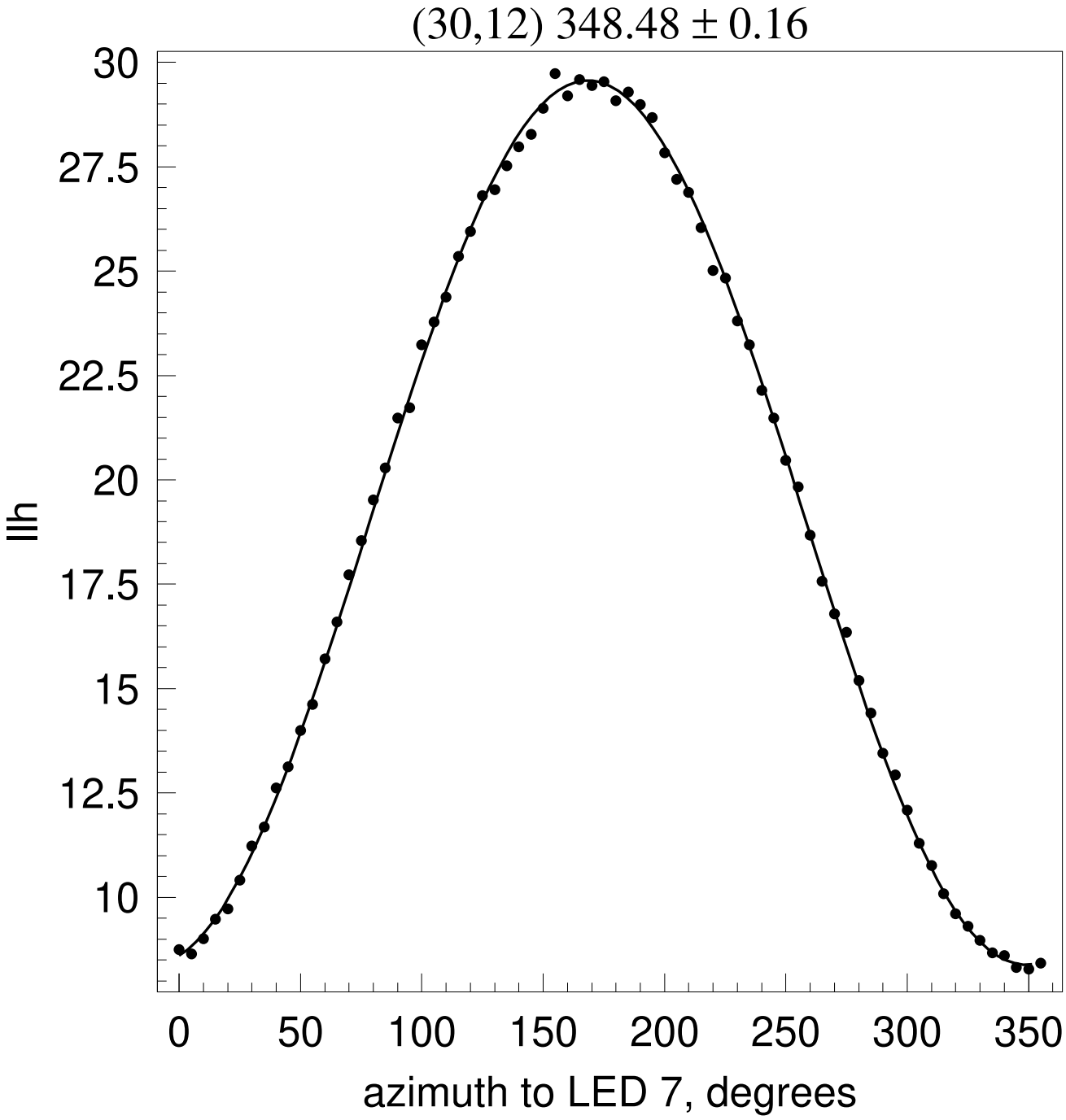

(30,7) 352.37 ± 0.26
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

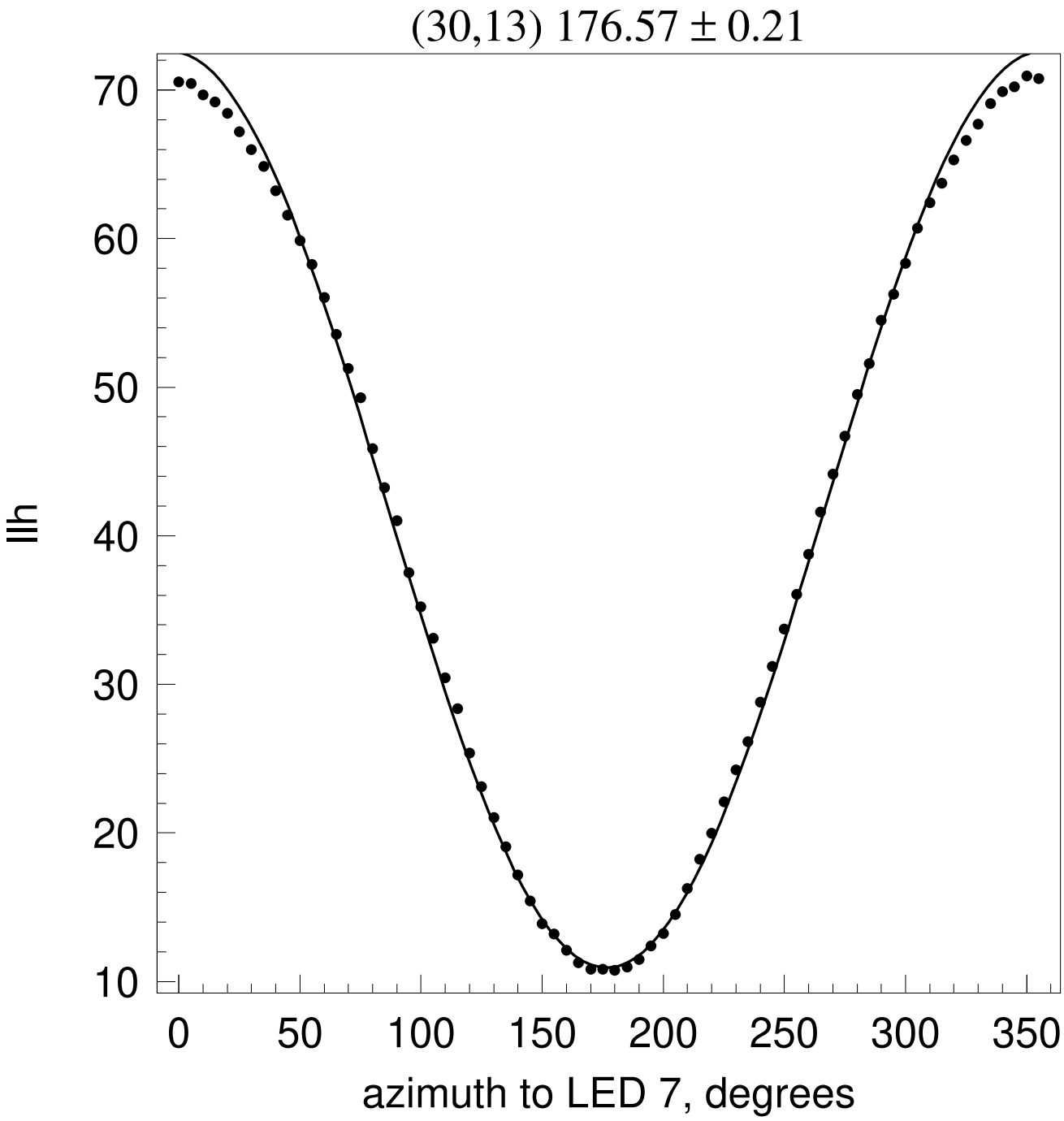

(30,8) 127.58 ± 0.31
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

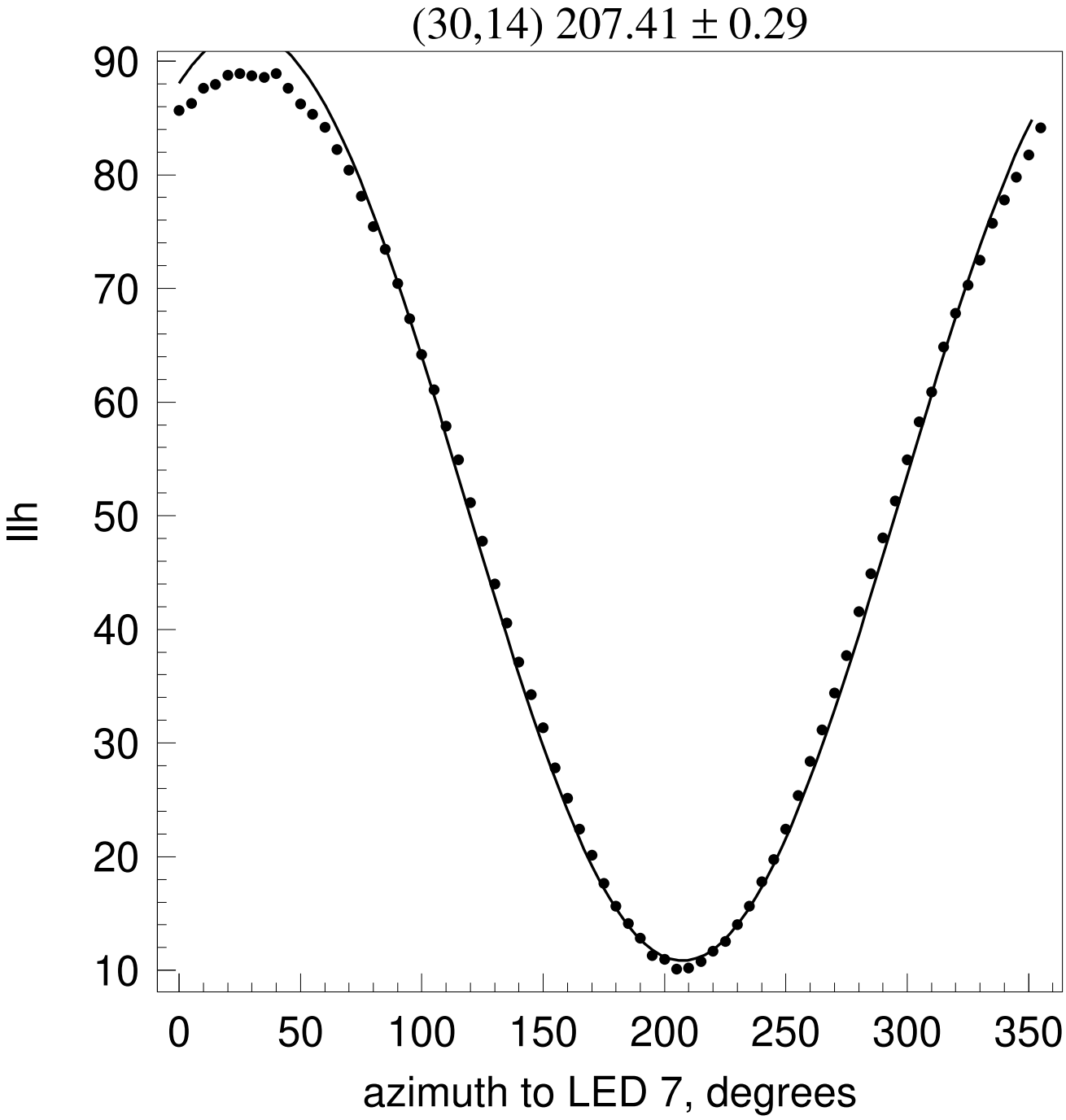

(30,9) 340.85 ± 0.33
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

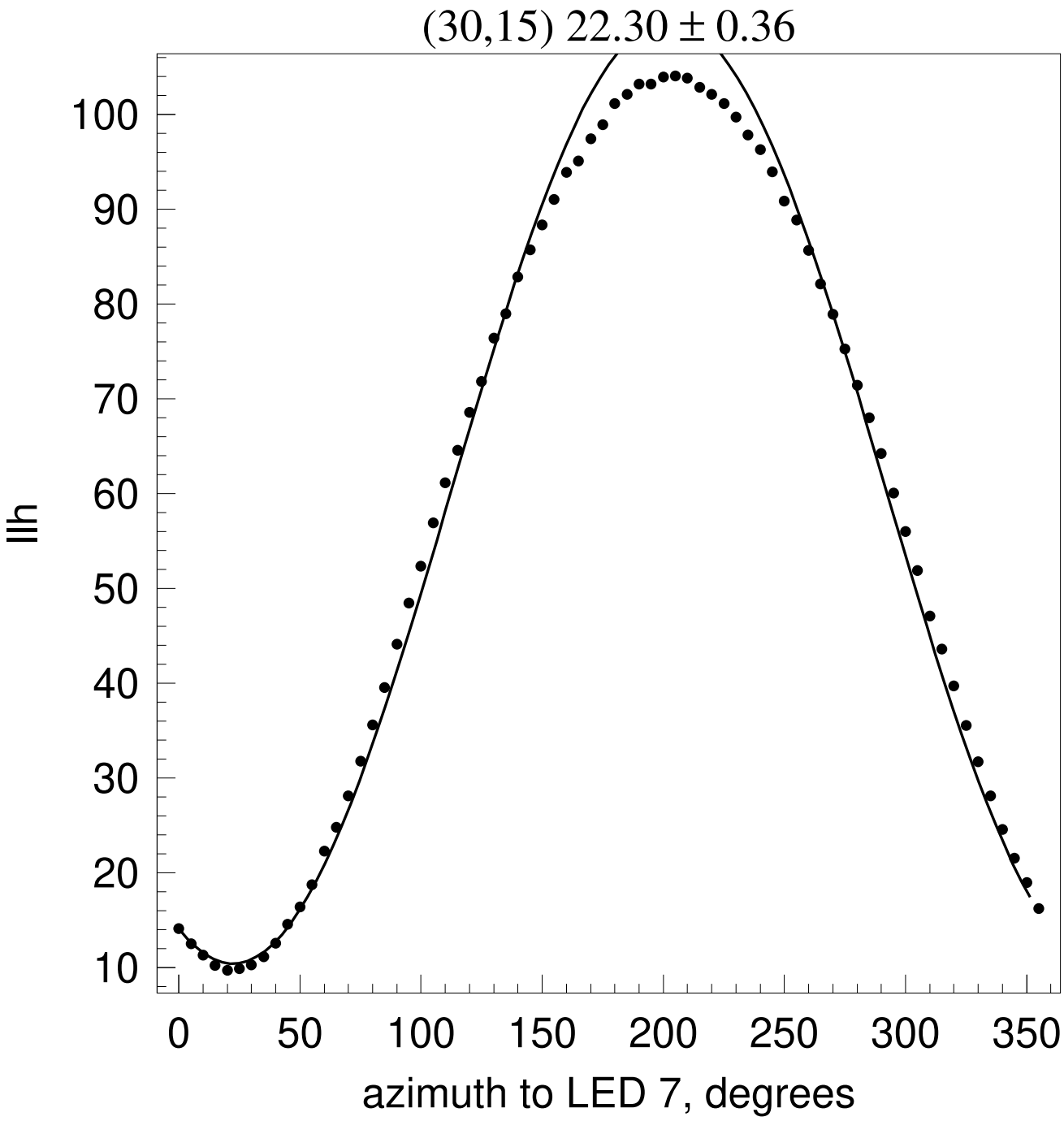

(30,10) 283.18 ± 0.24
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

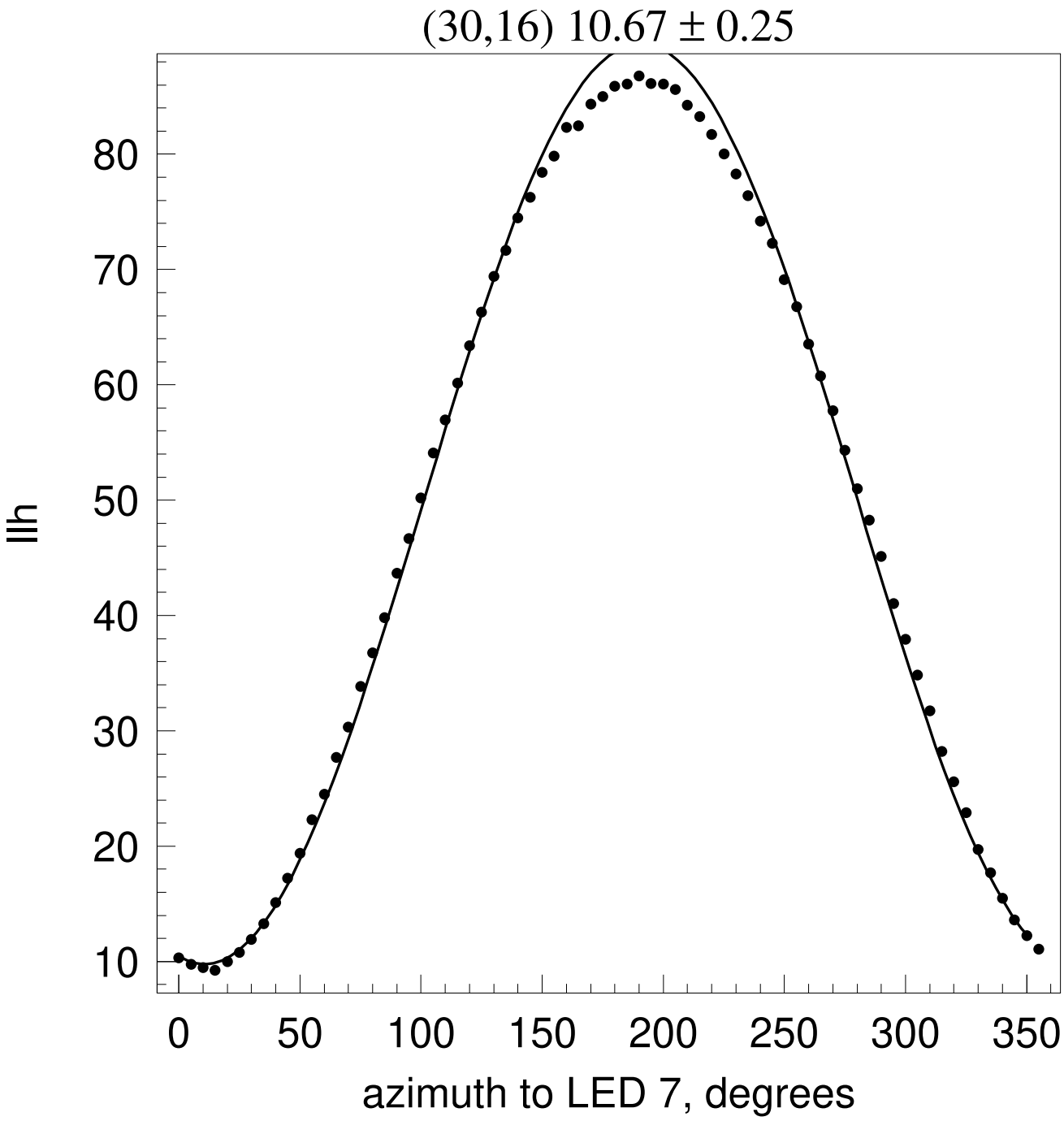

(30,11) 20.71 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

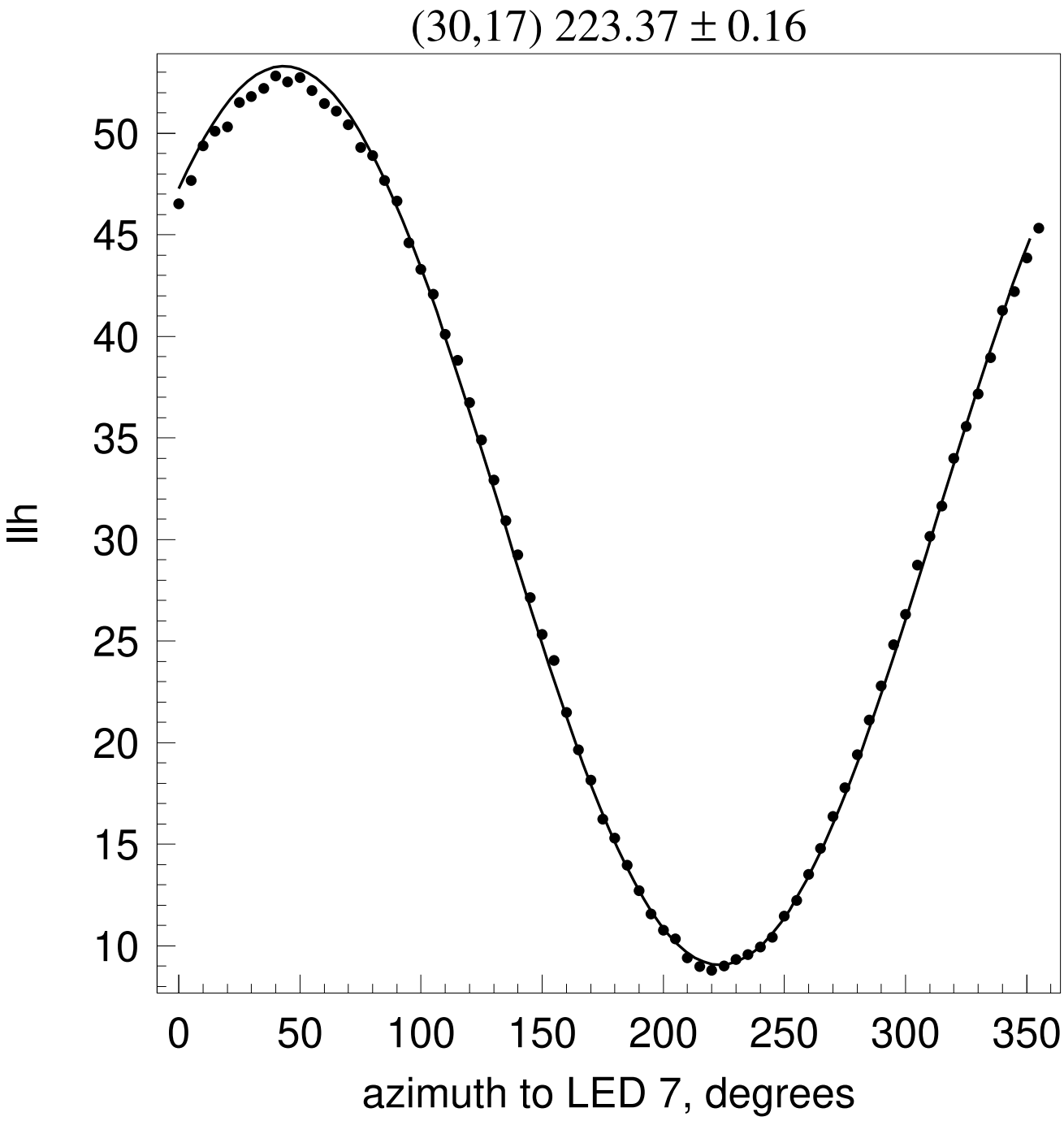

(30,12) 348.48 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

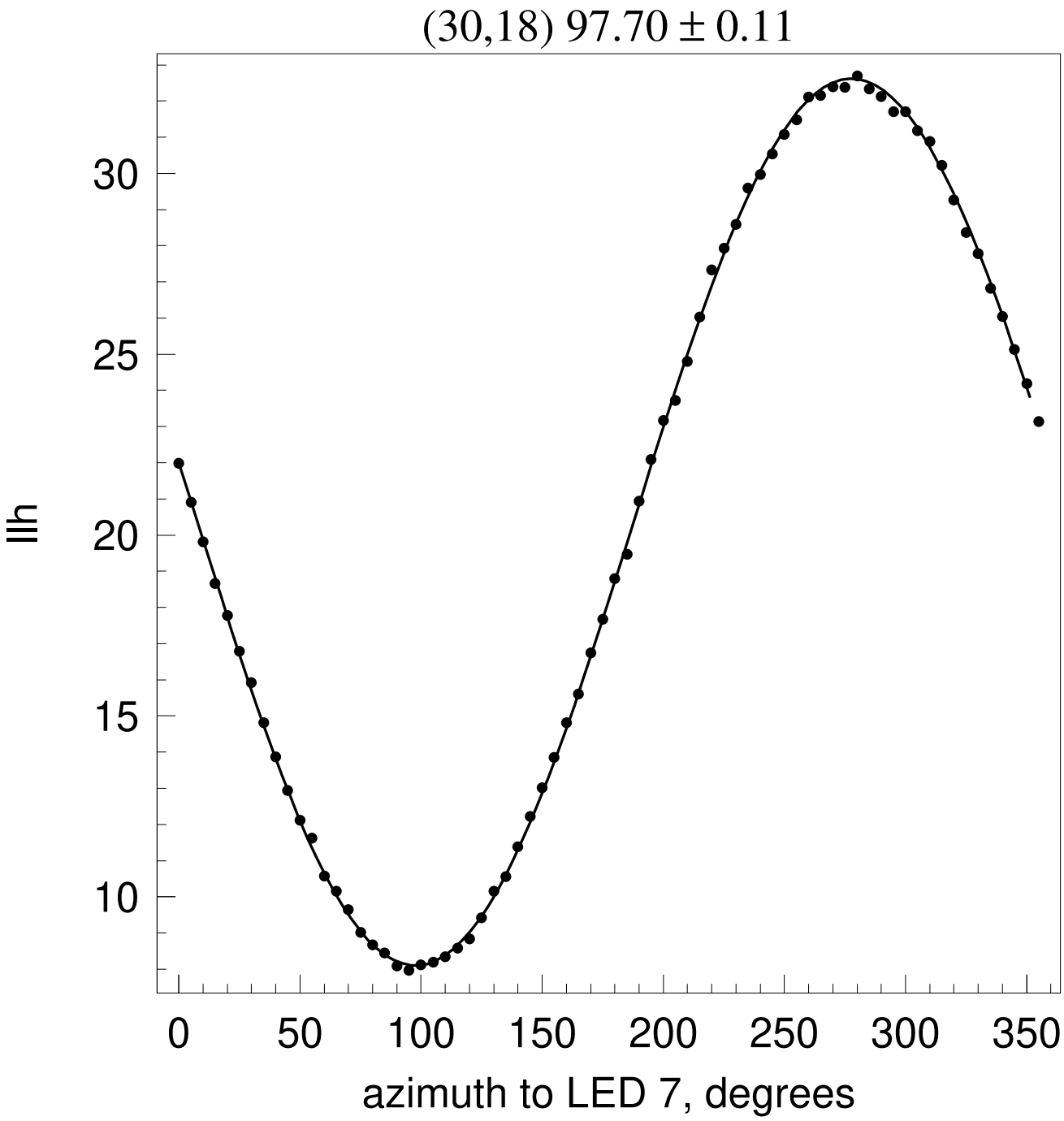

(30,13) 176.57 ± 0.21
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

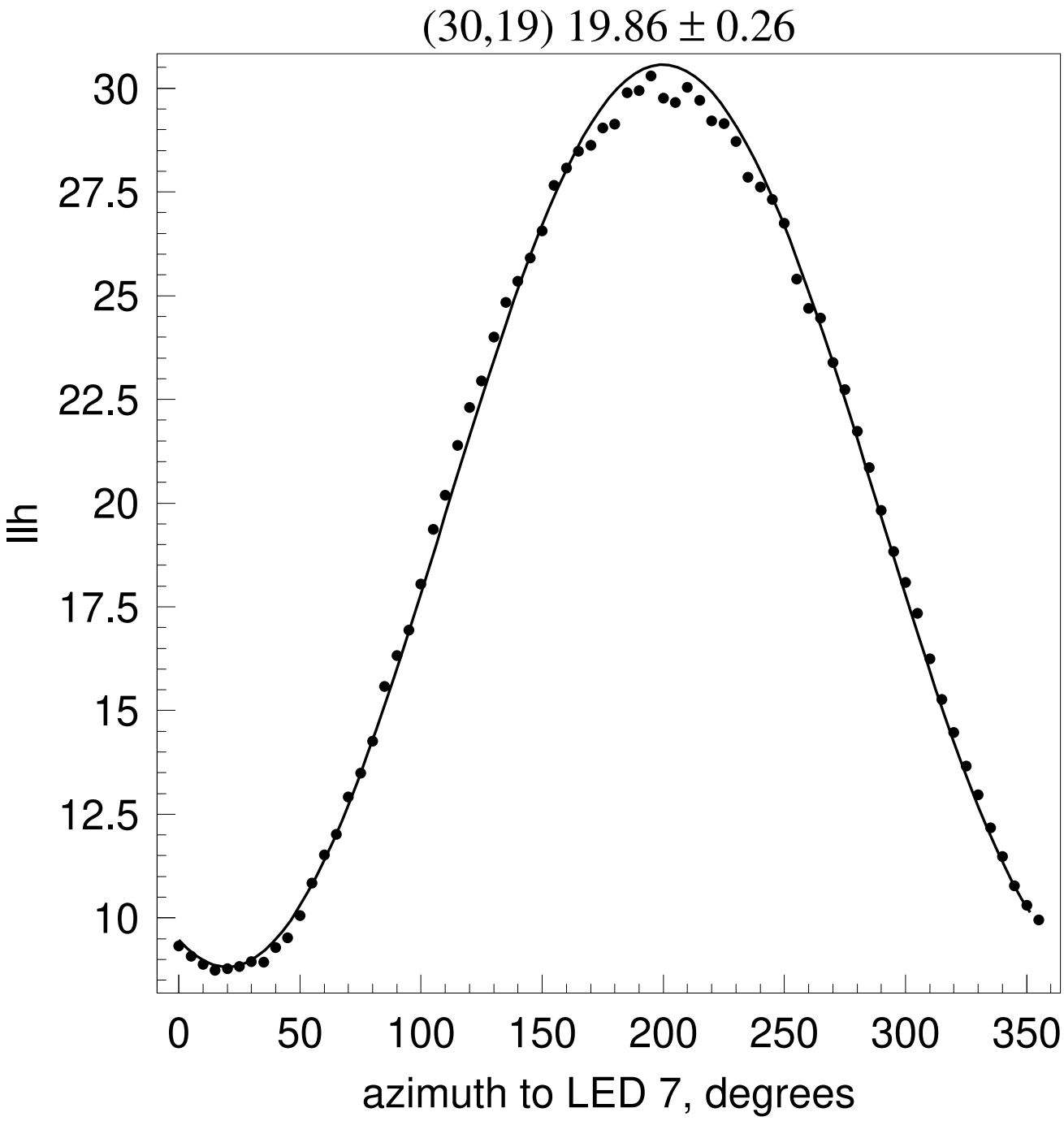

(30,14) 207.41 ± 0.29
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

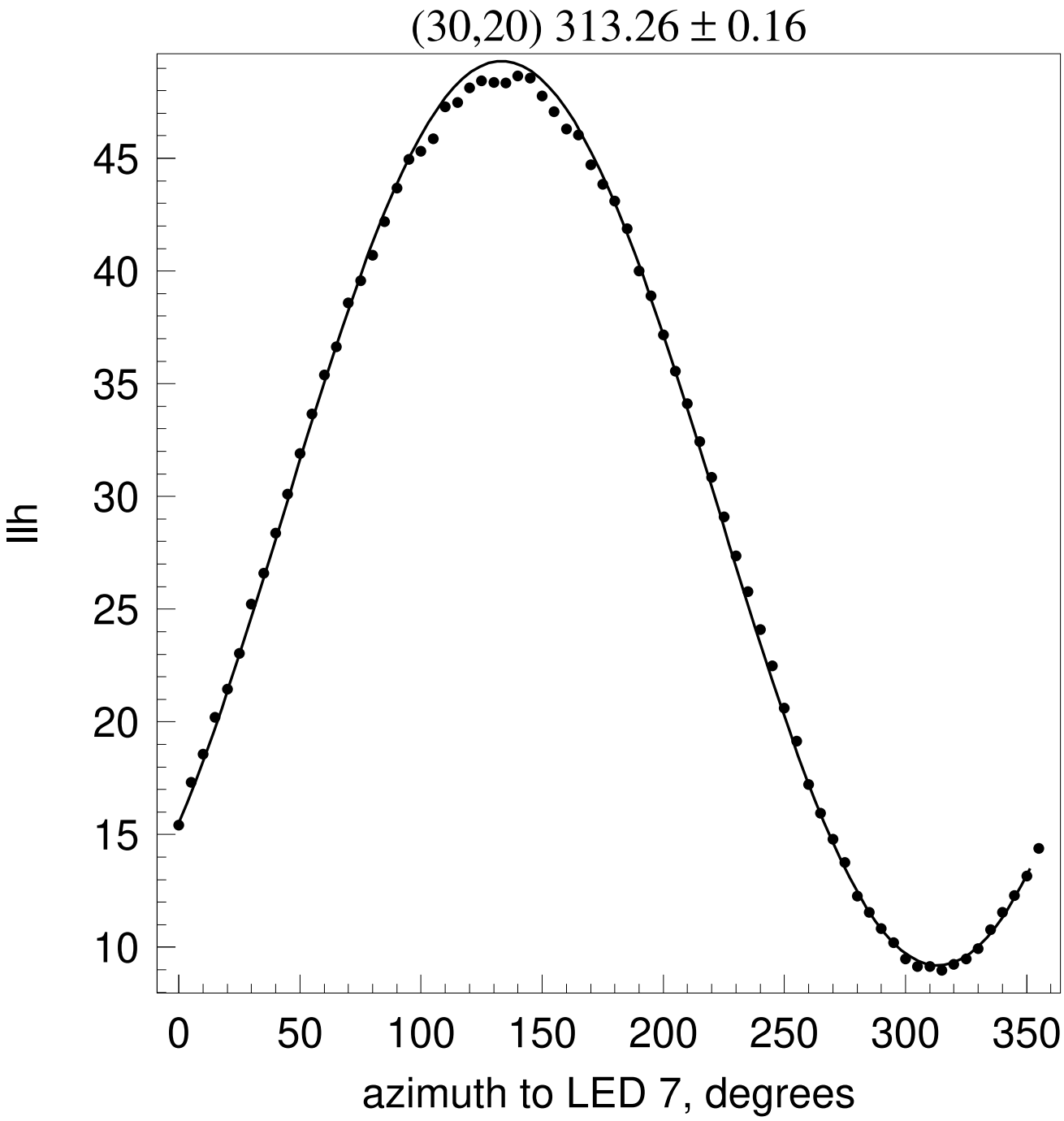

(30,15) 22.30 ± 0.36
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

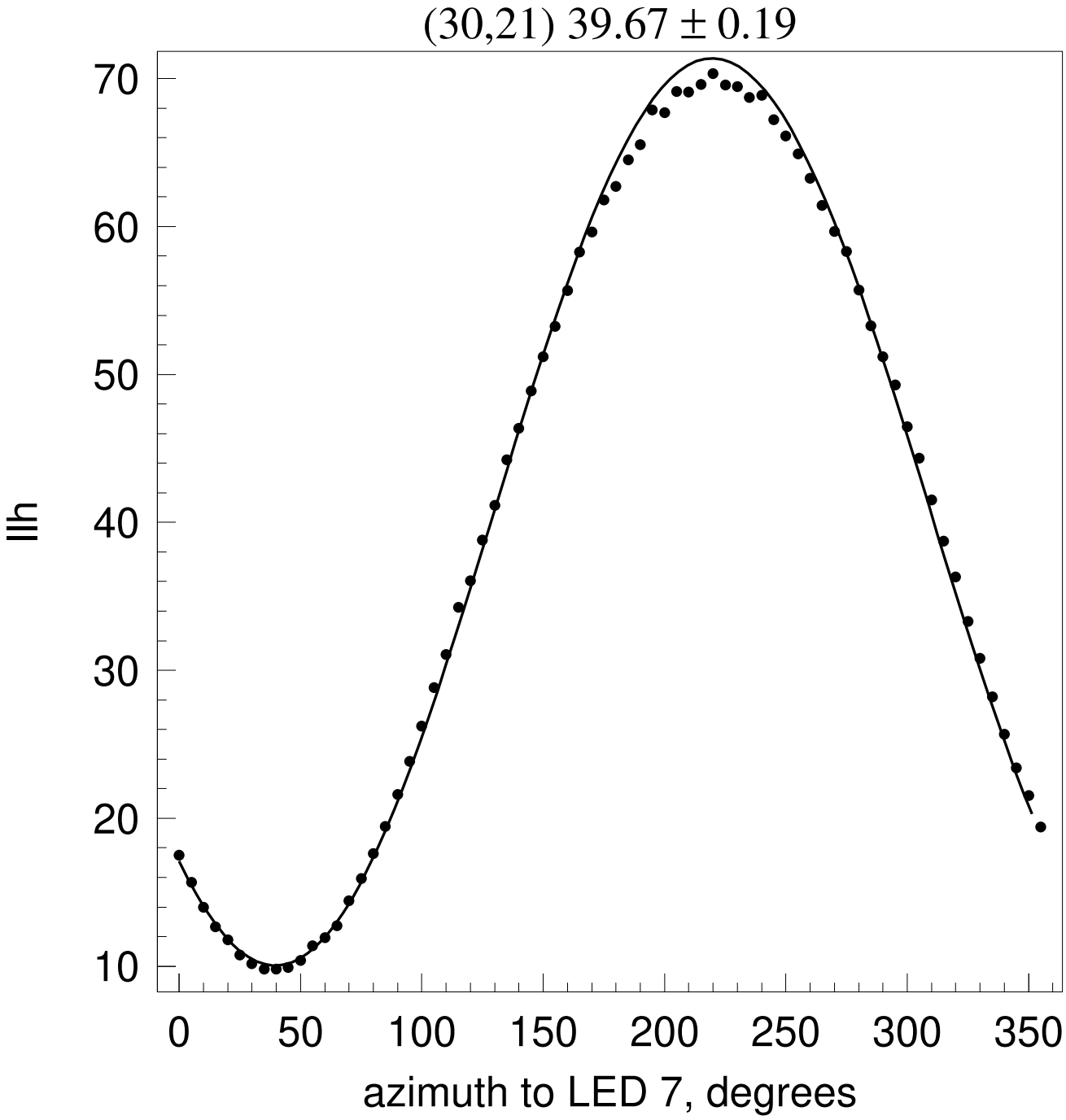

(30,16) 10.67 ± 0.25
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

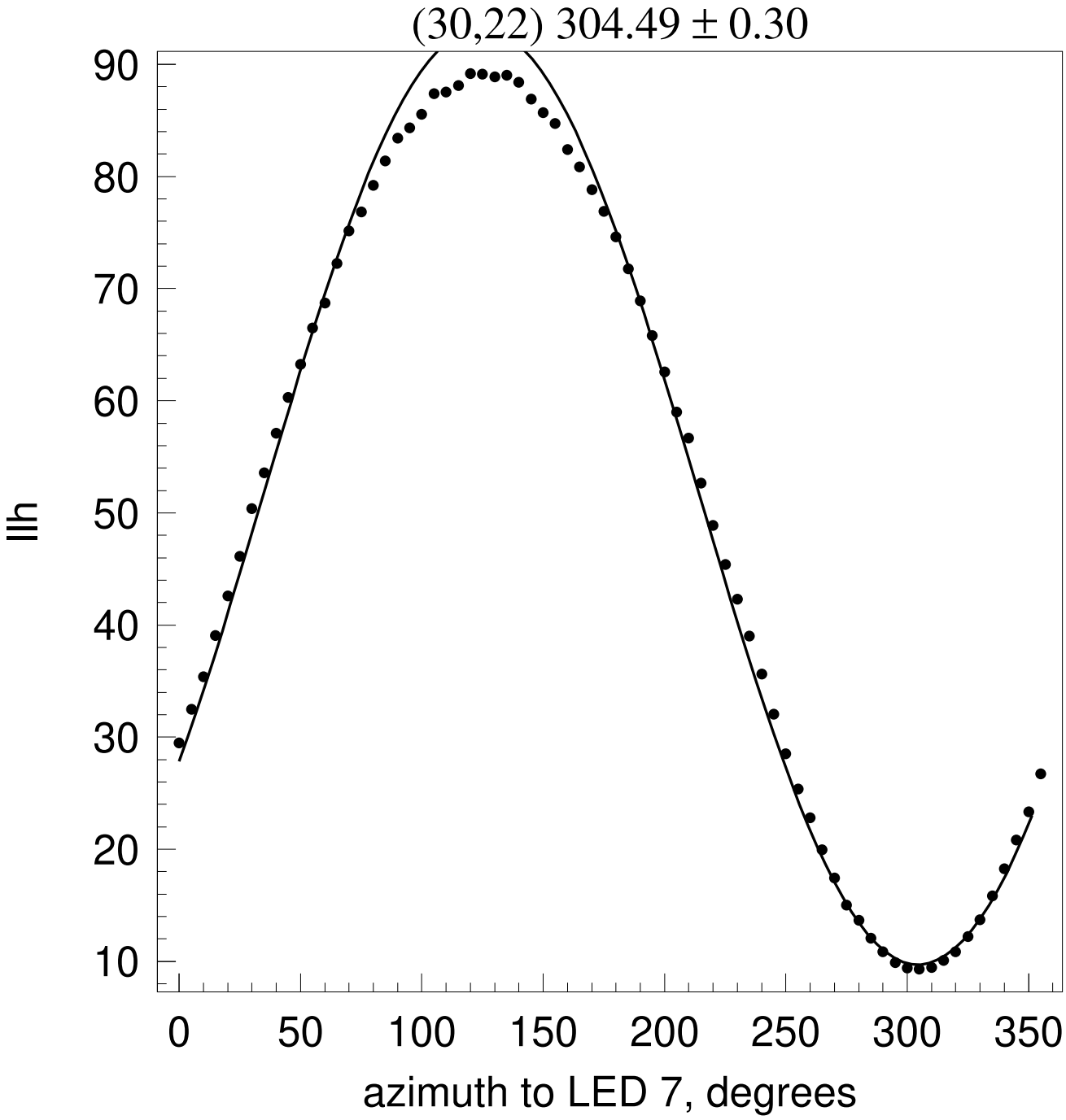

(30,17) 223.37 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

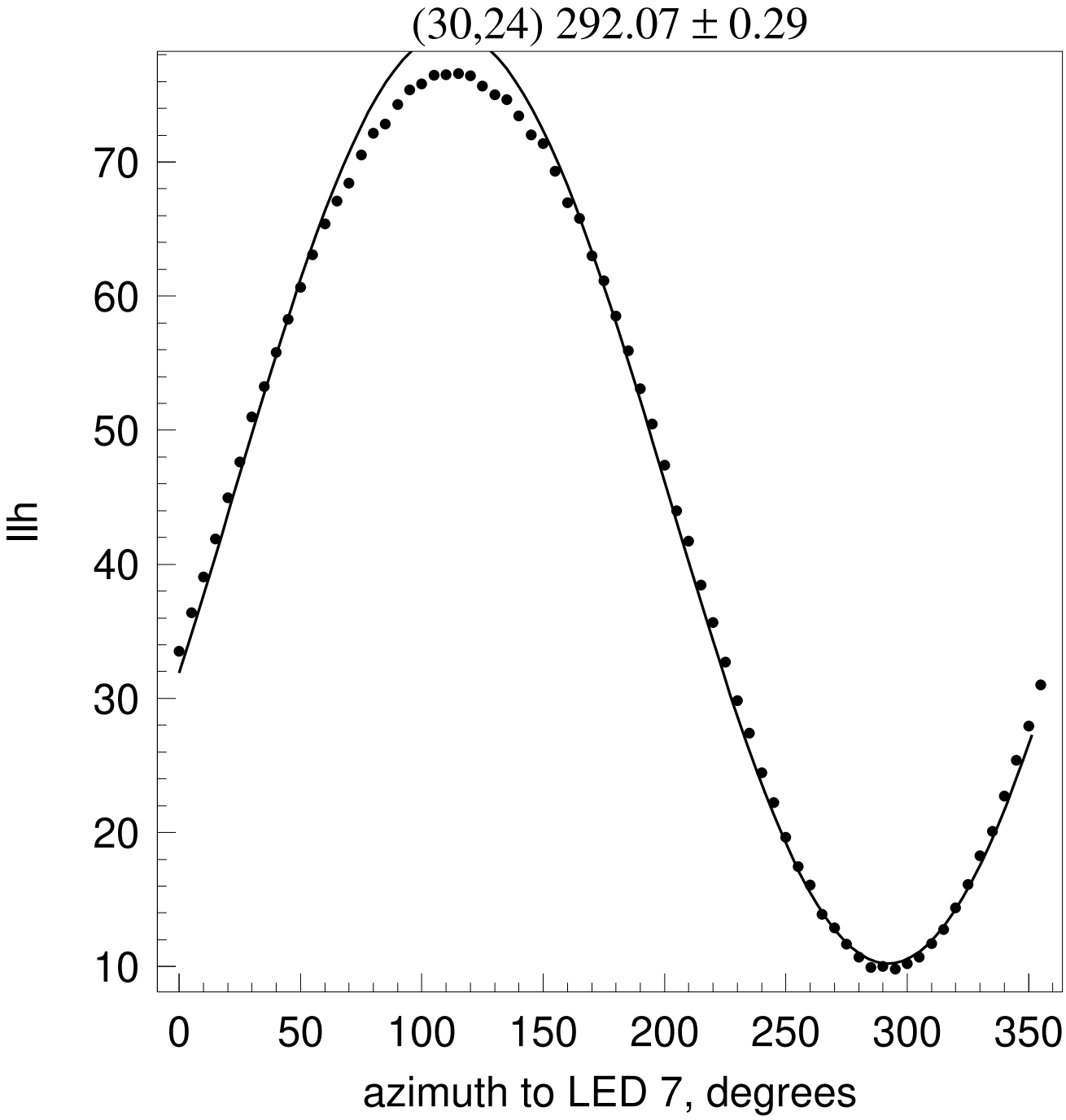

(30,18) 97.70 ± 0.11
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

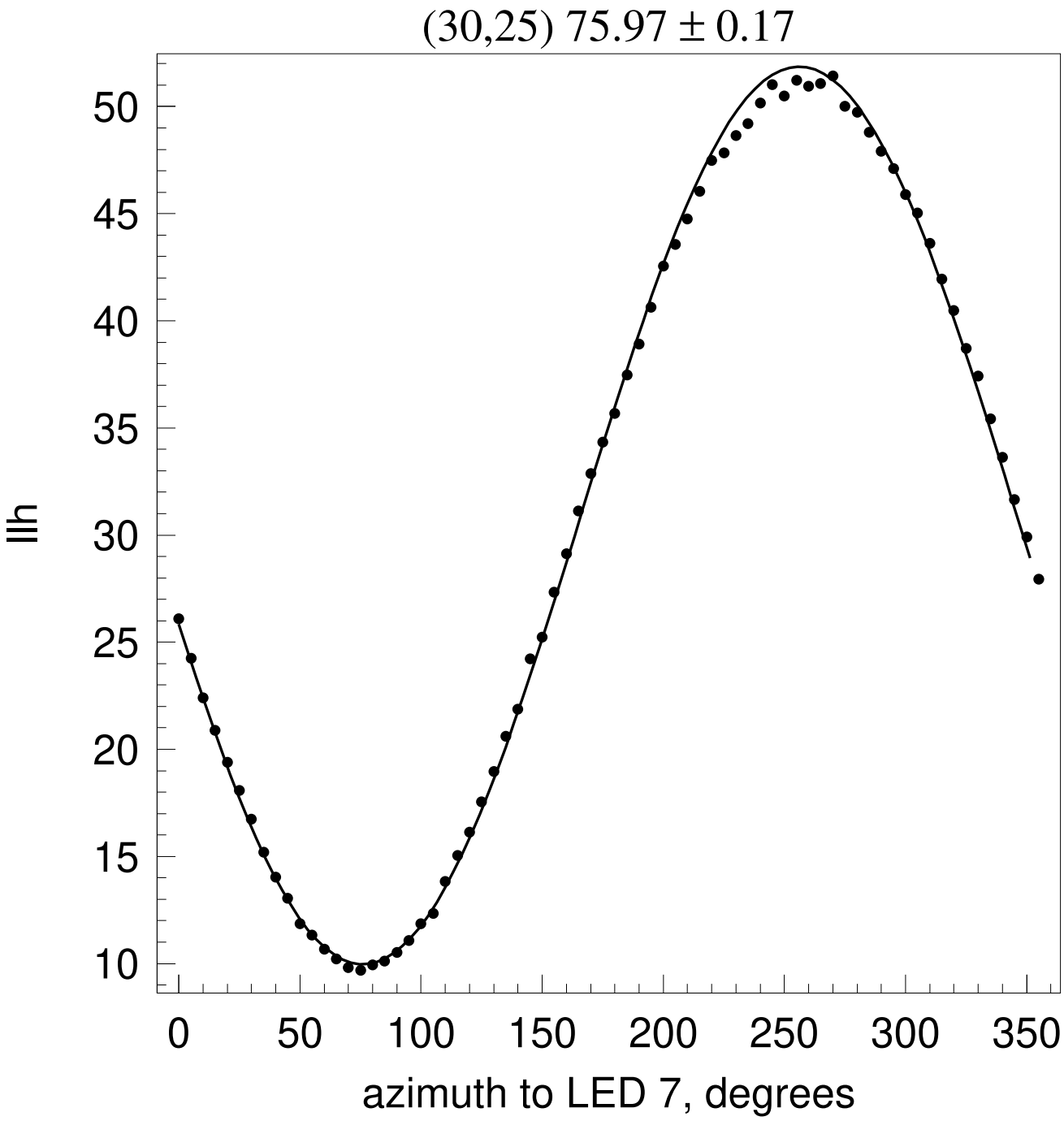

(30,19) 19.86 ± 0.26
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

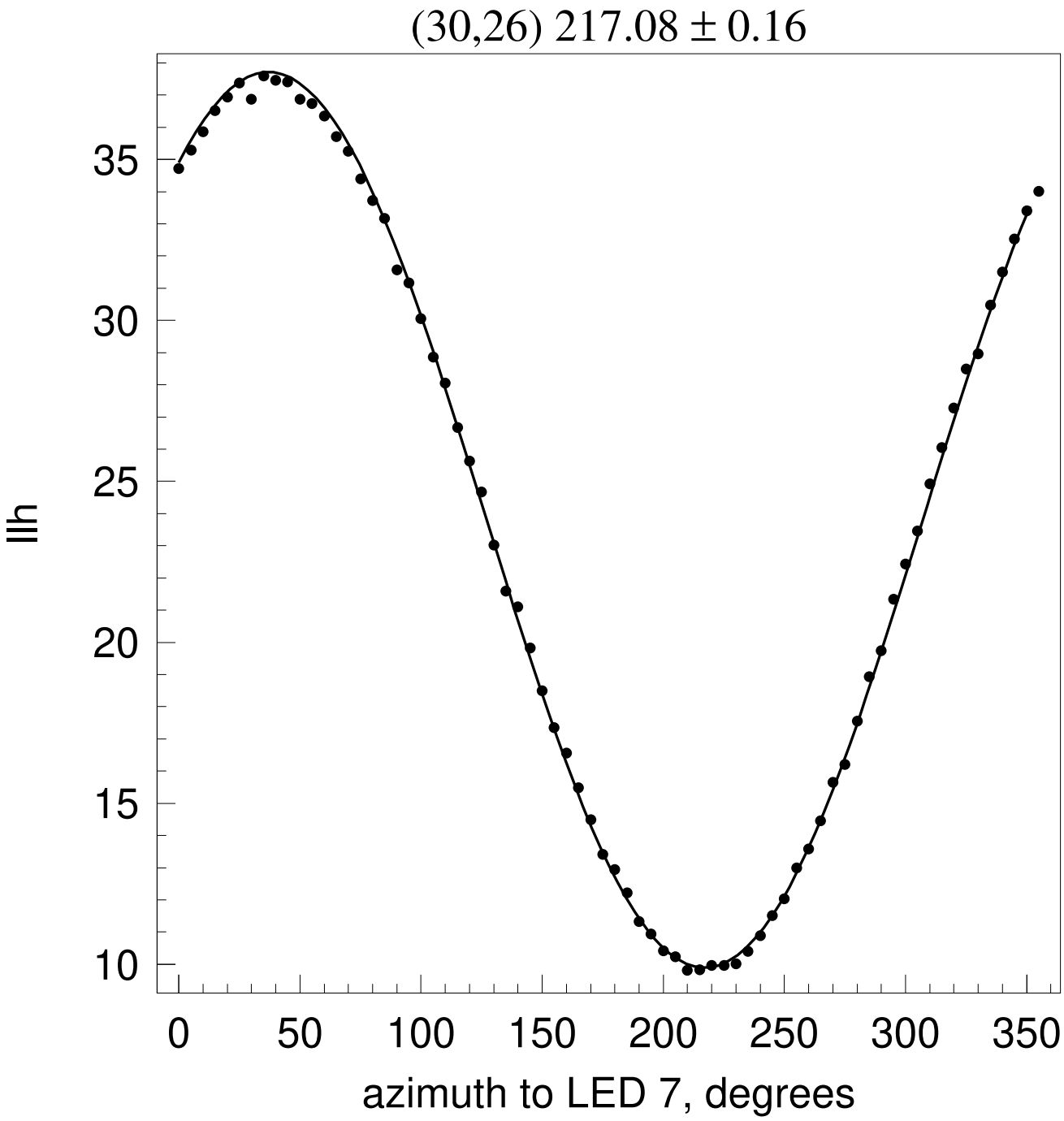

(30,20) 313.26 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

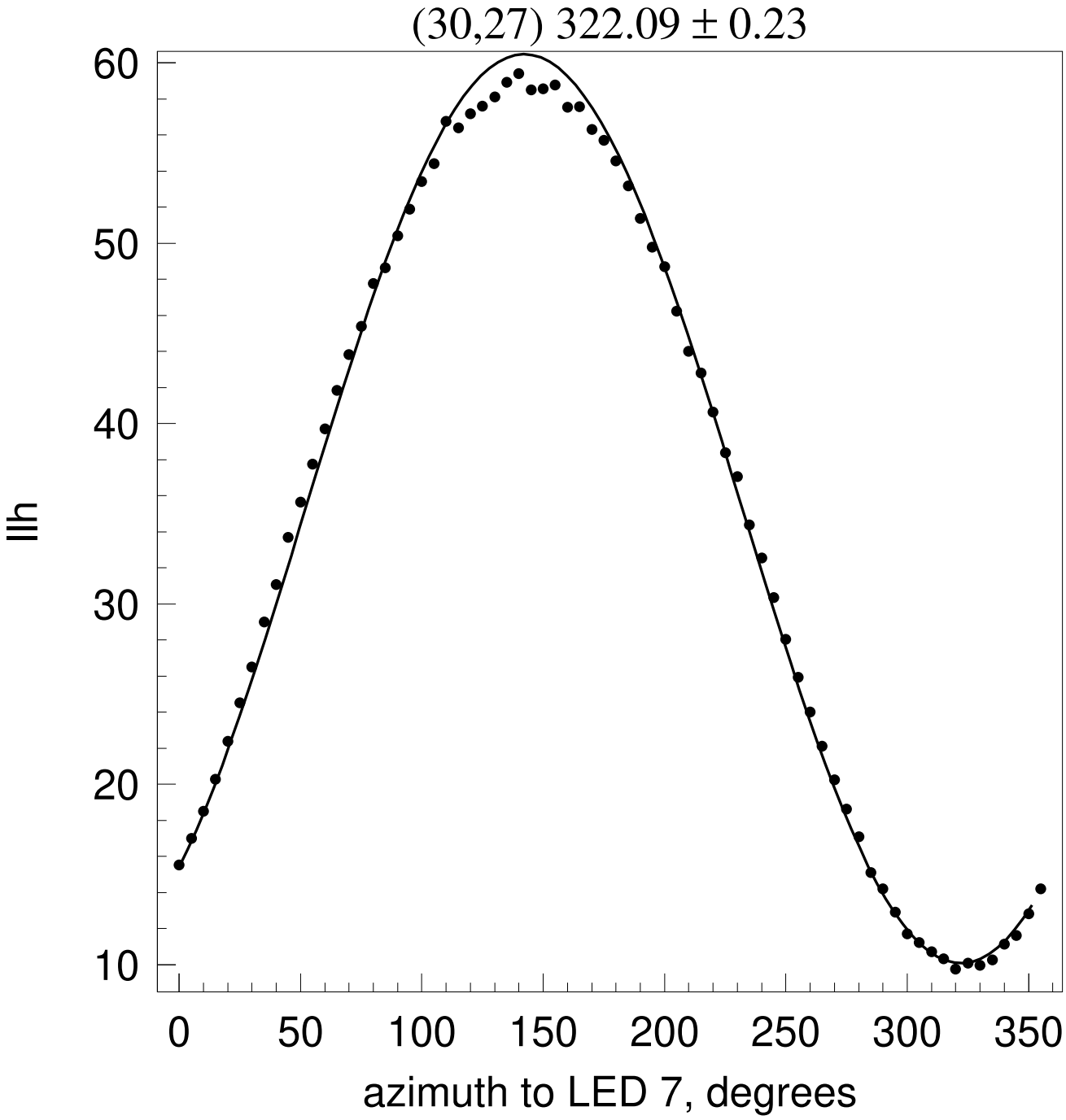

(30,21) 39.67 ± 0.19
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

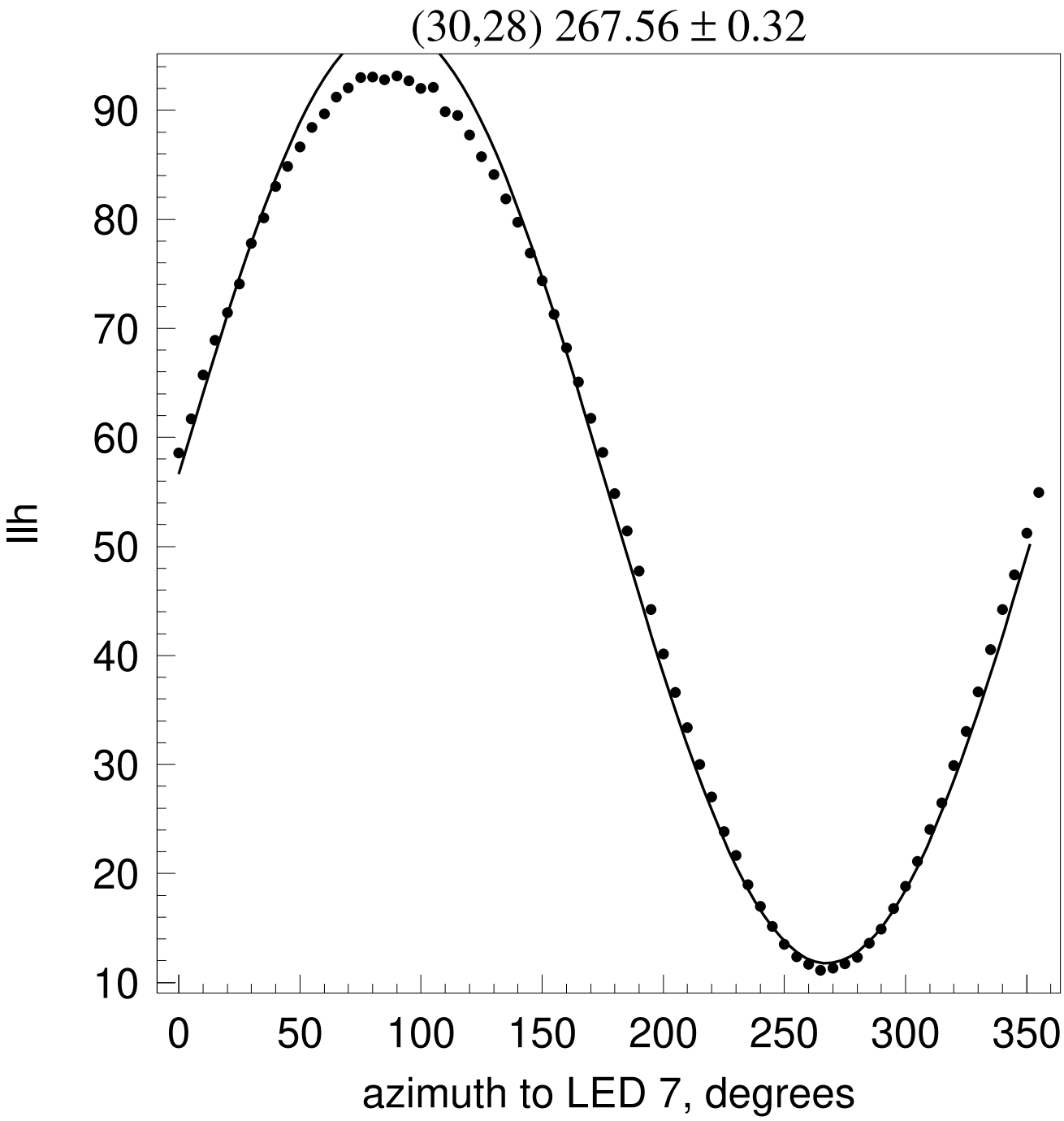

(30,22) 304.49 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

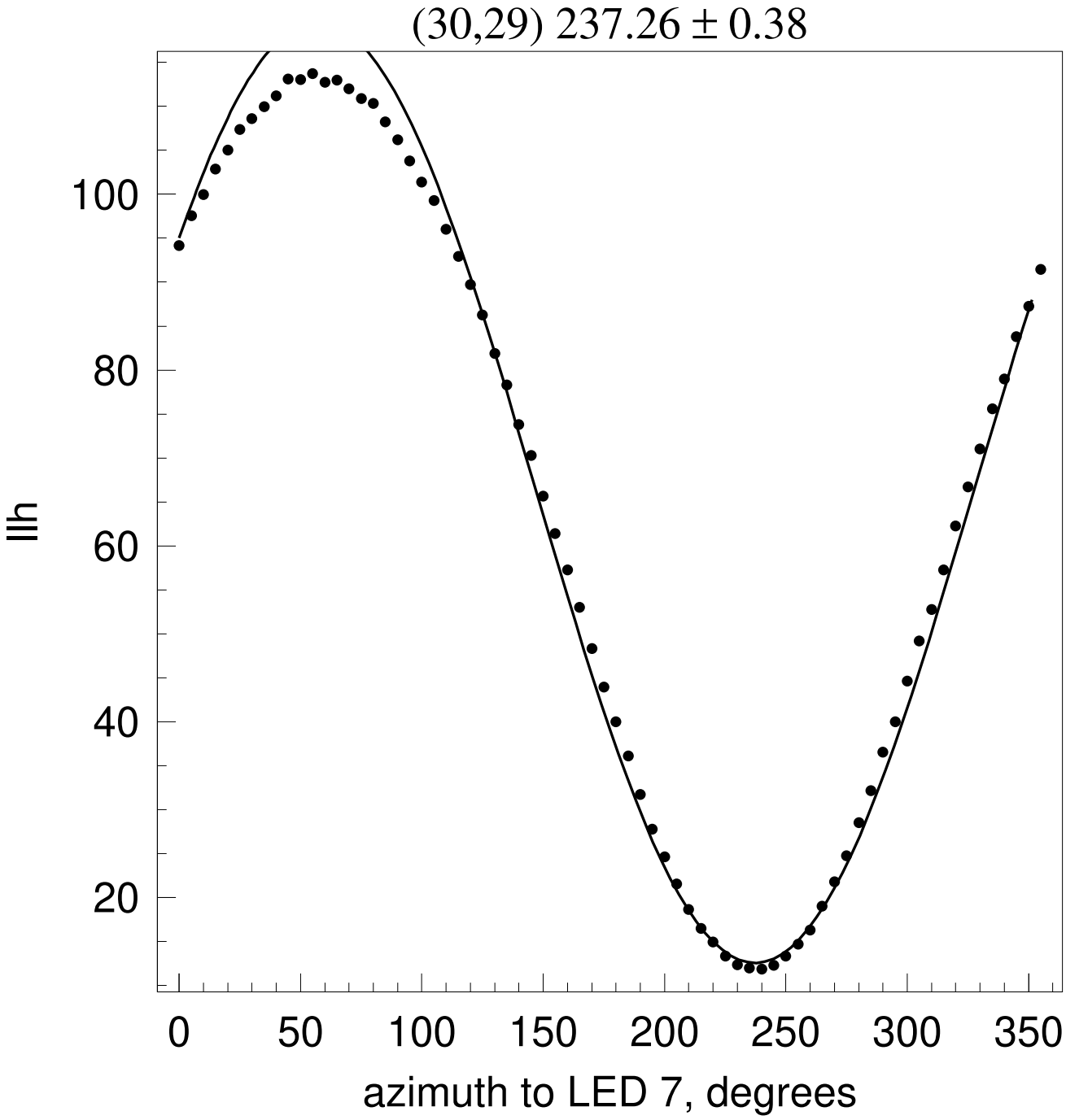

(30,24) 292.07 ± 0.29
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

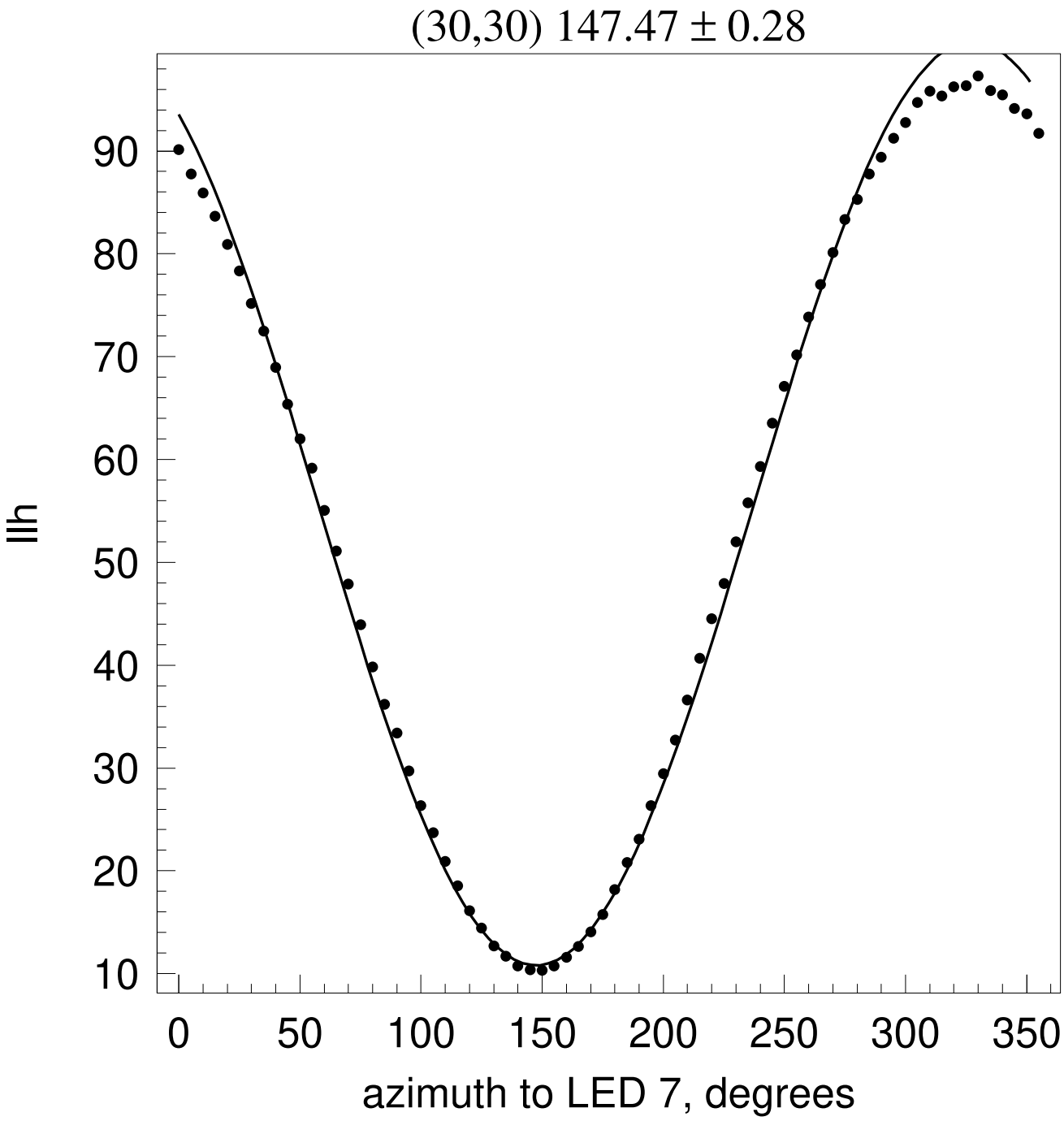

(30,25) 75.97 ± 0.17
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

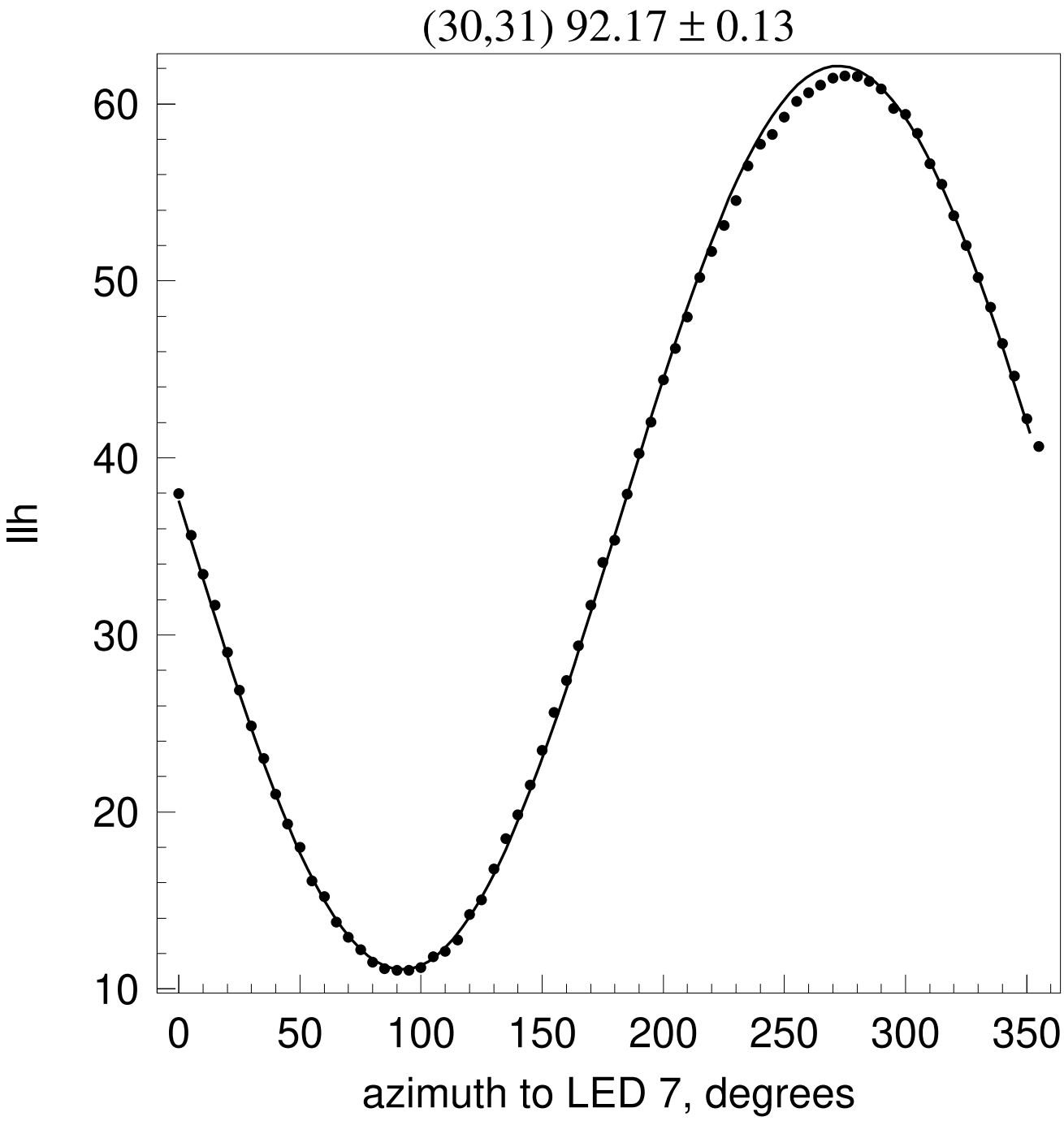

(30,26) 217.08 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

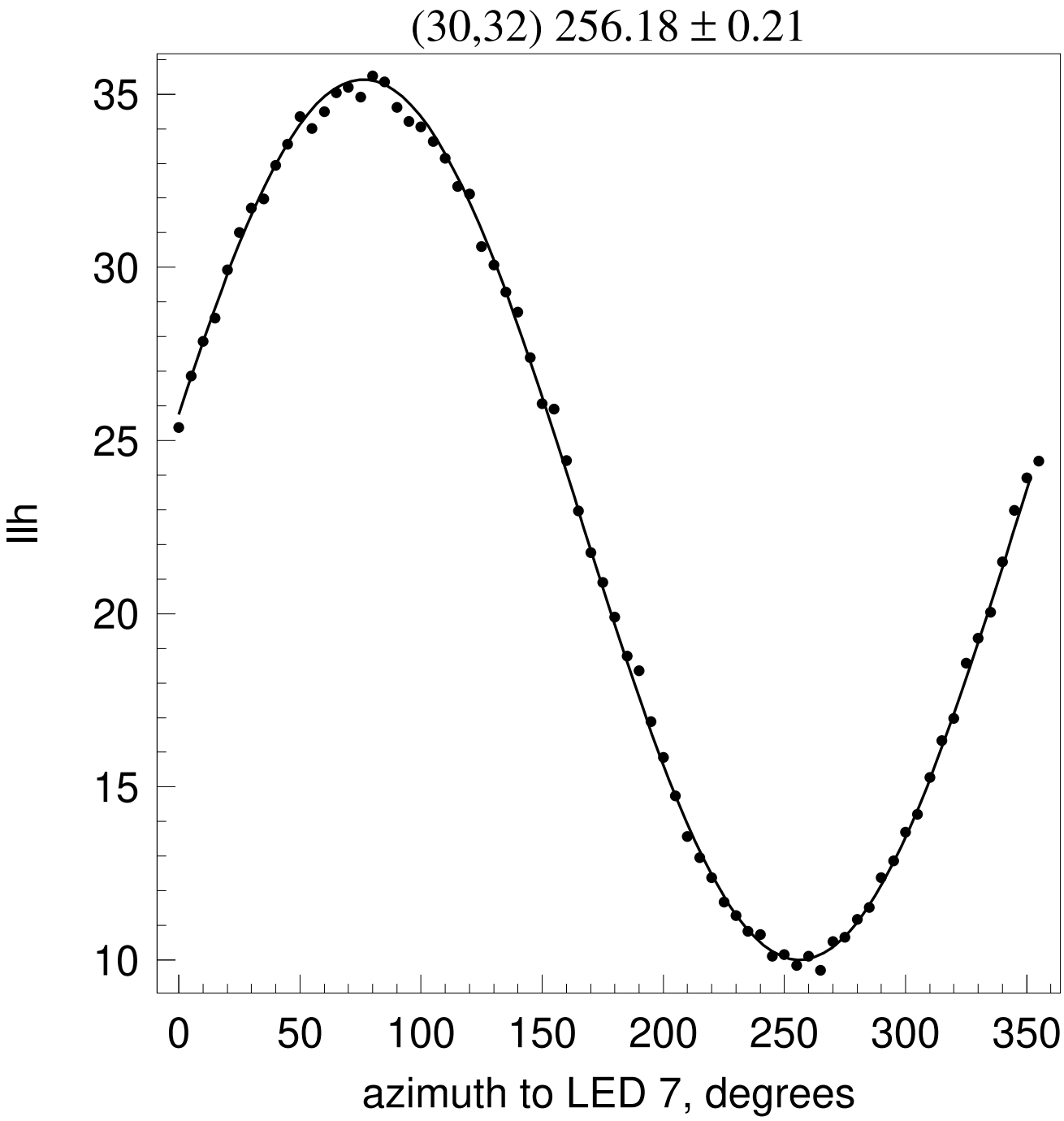

(30,27) 322.09 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

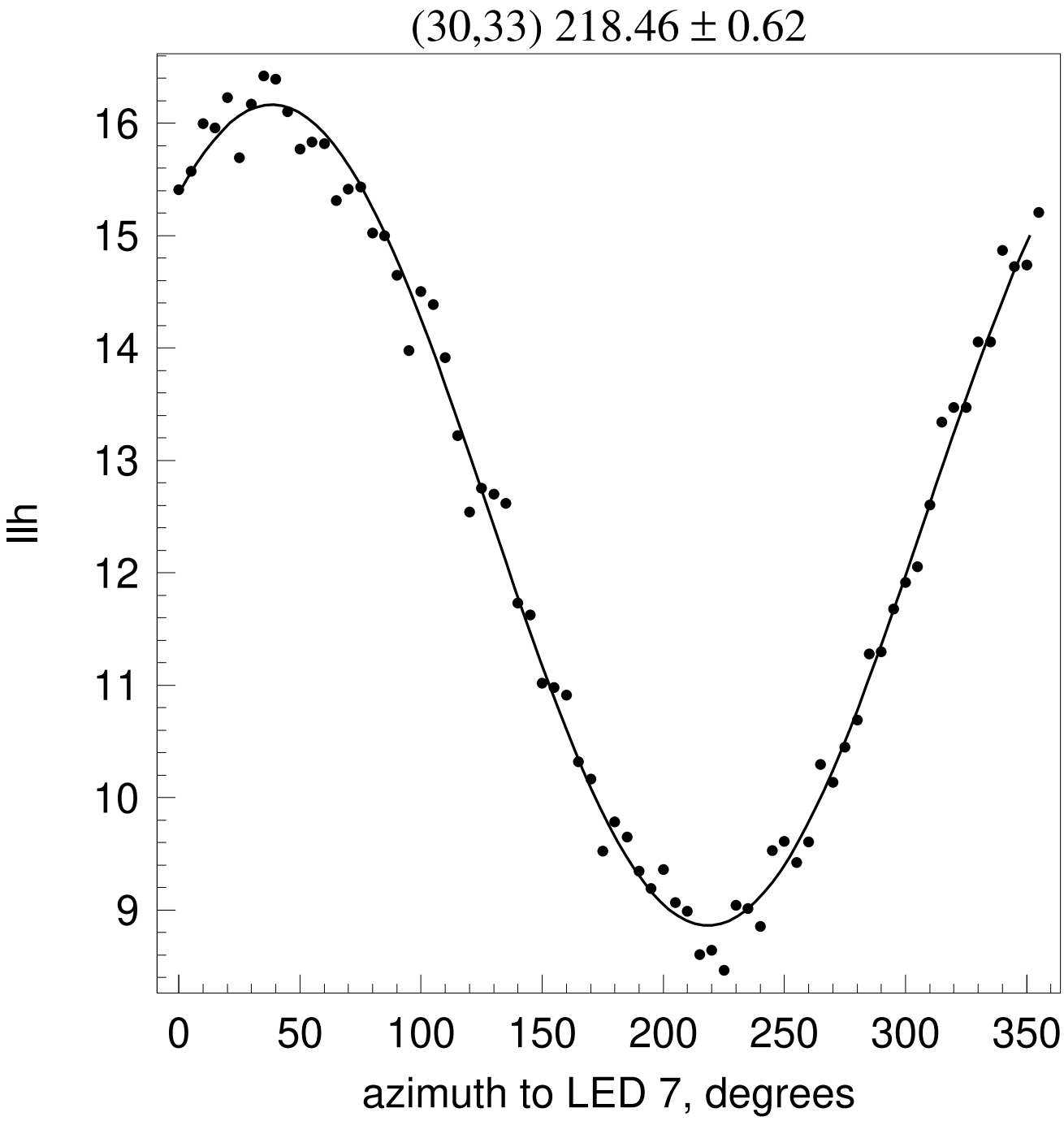

(30,28) 267.56 ± 0.32
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

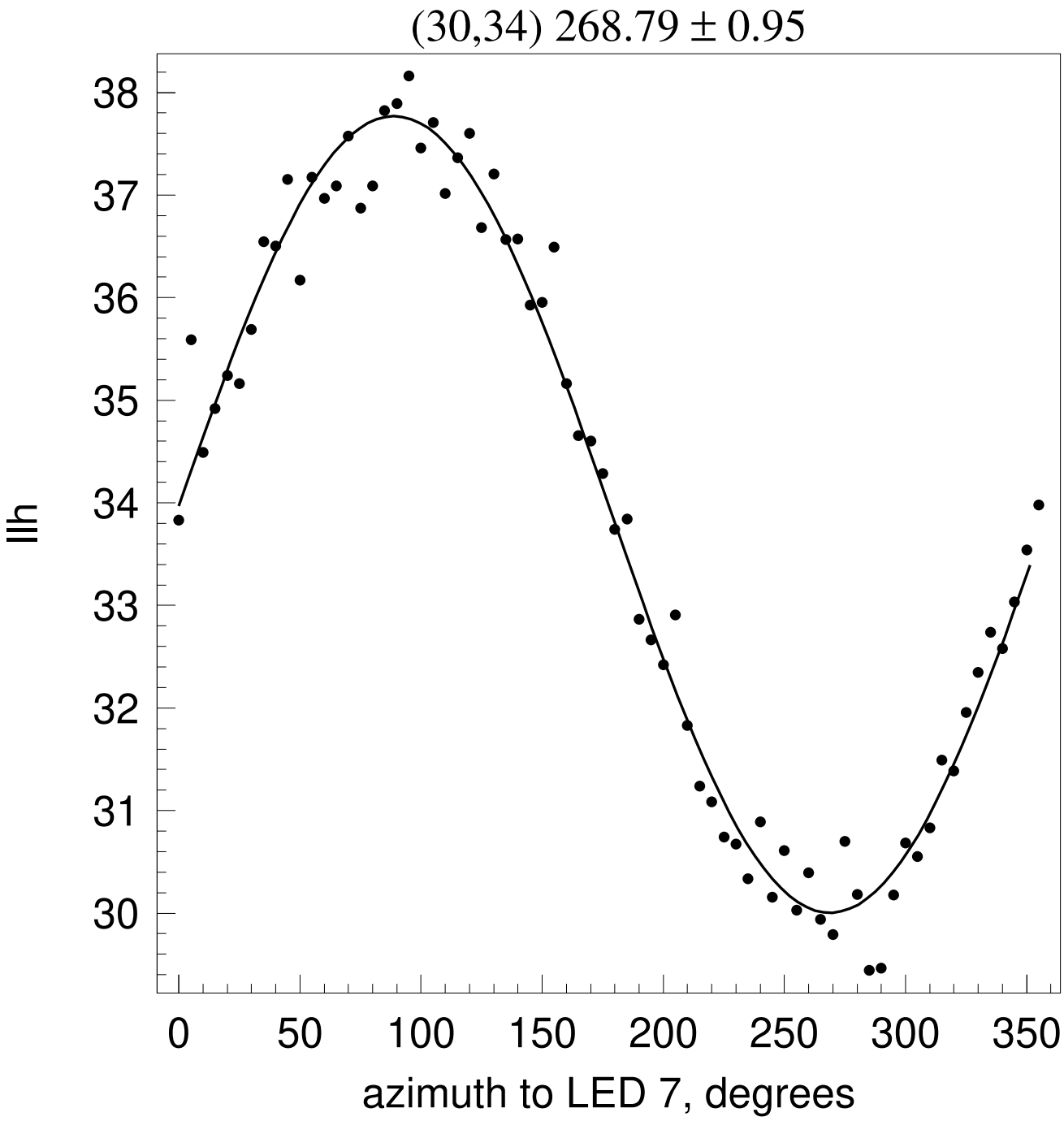

(30,29) 237.26 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

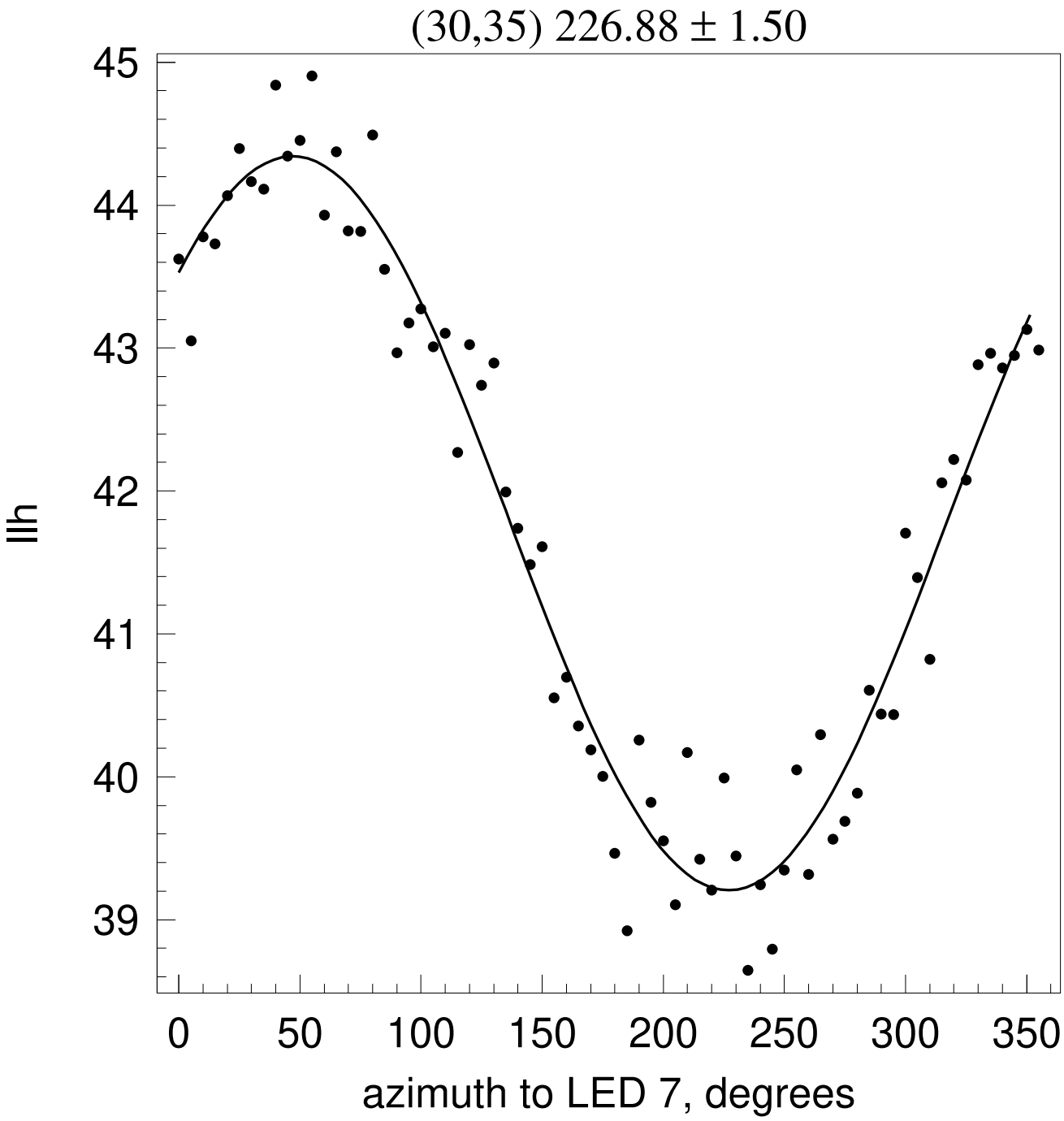

(30,30) 147.47 ± 0.28
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

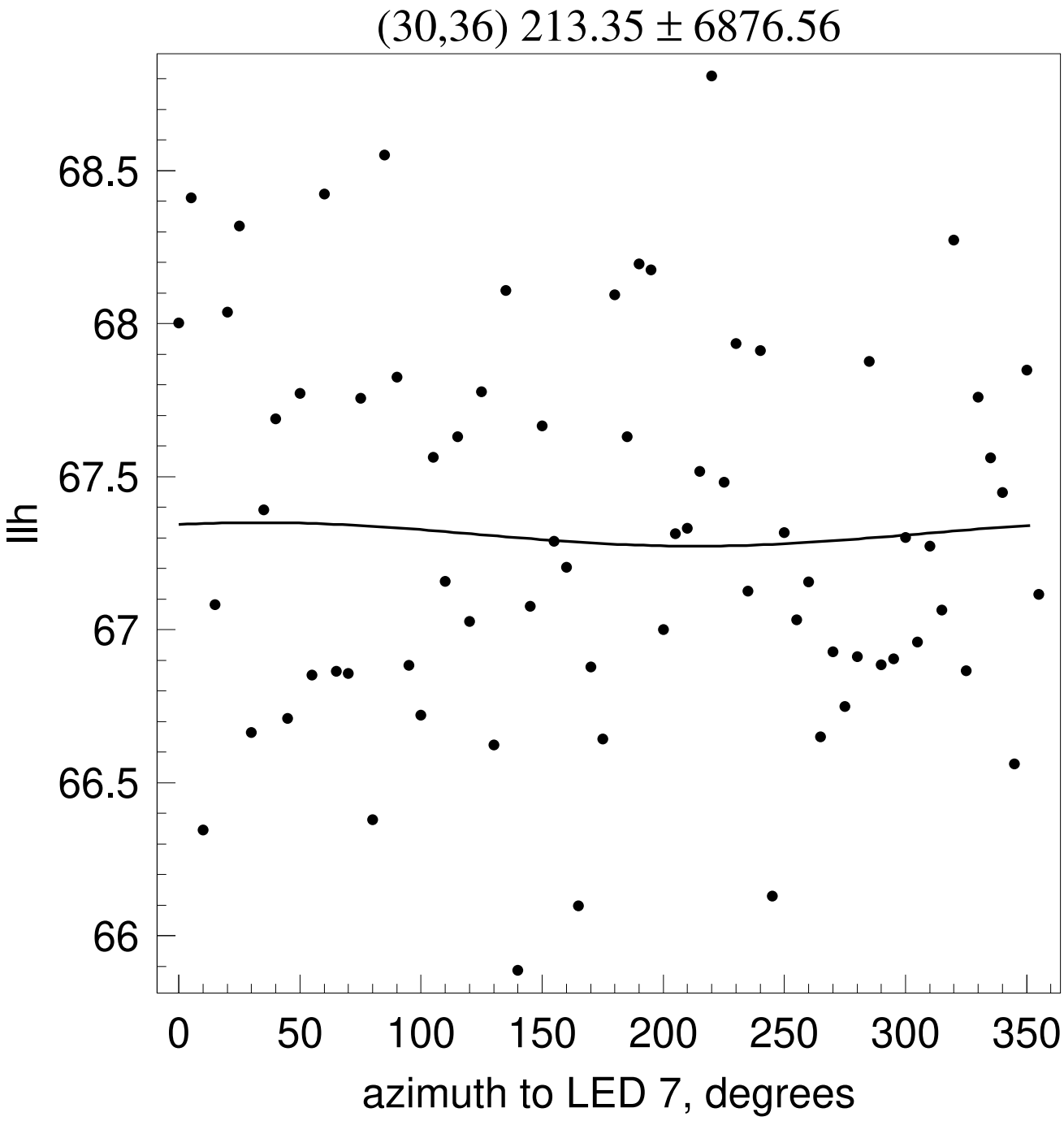

(30,31) 92.17 ± 0.13
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

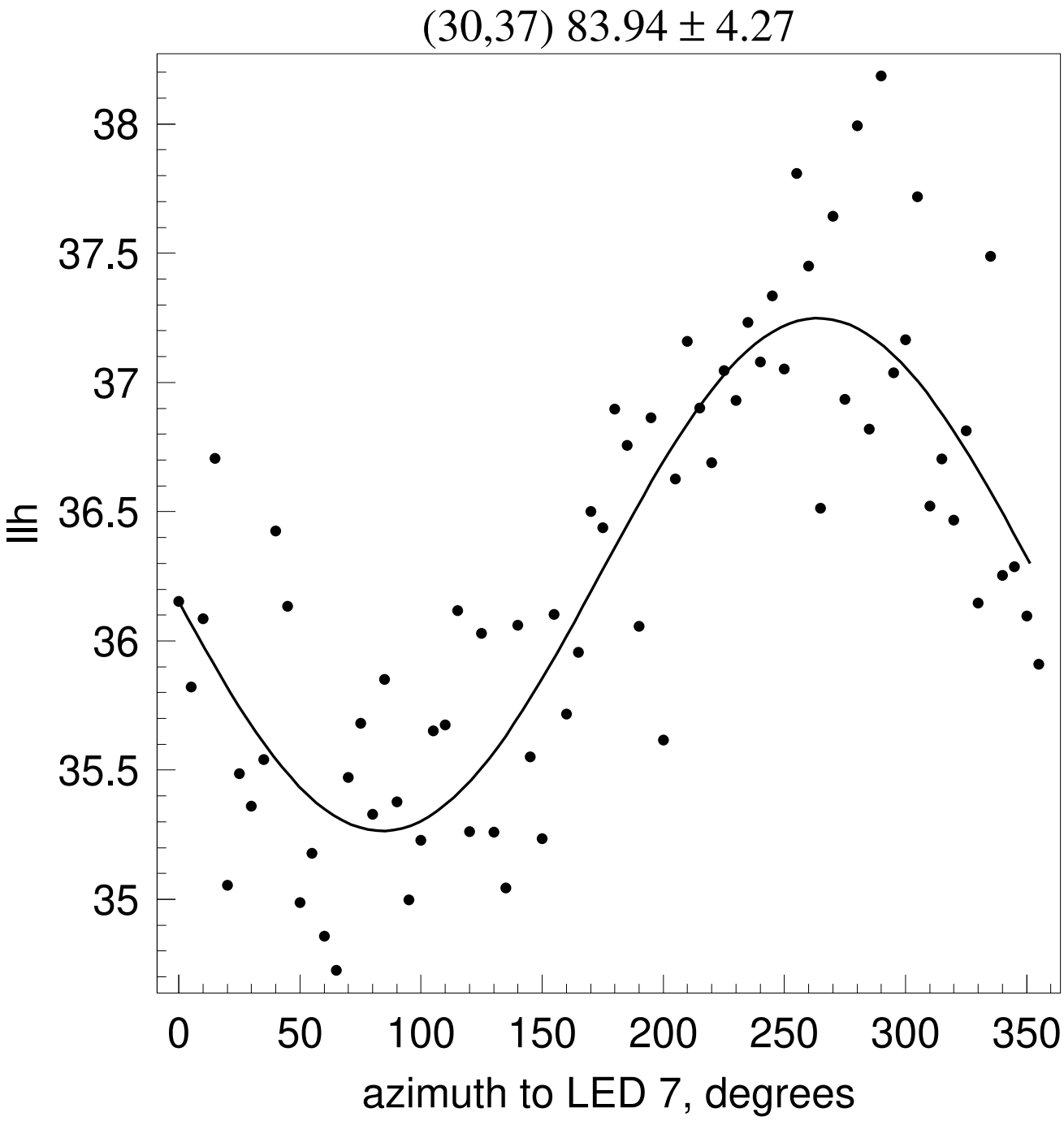

(30,32) 256.18 ± 0.21
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

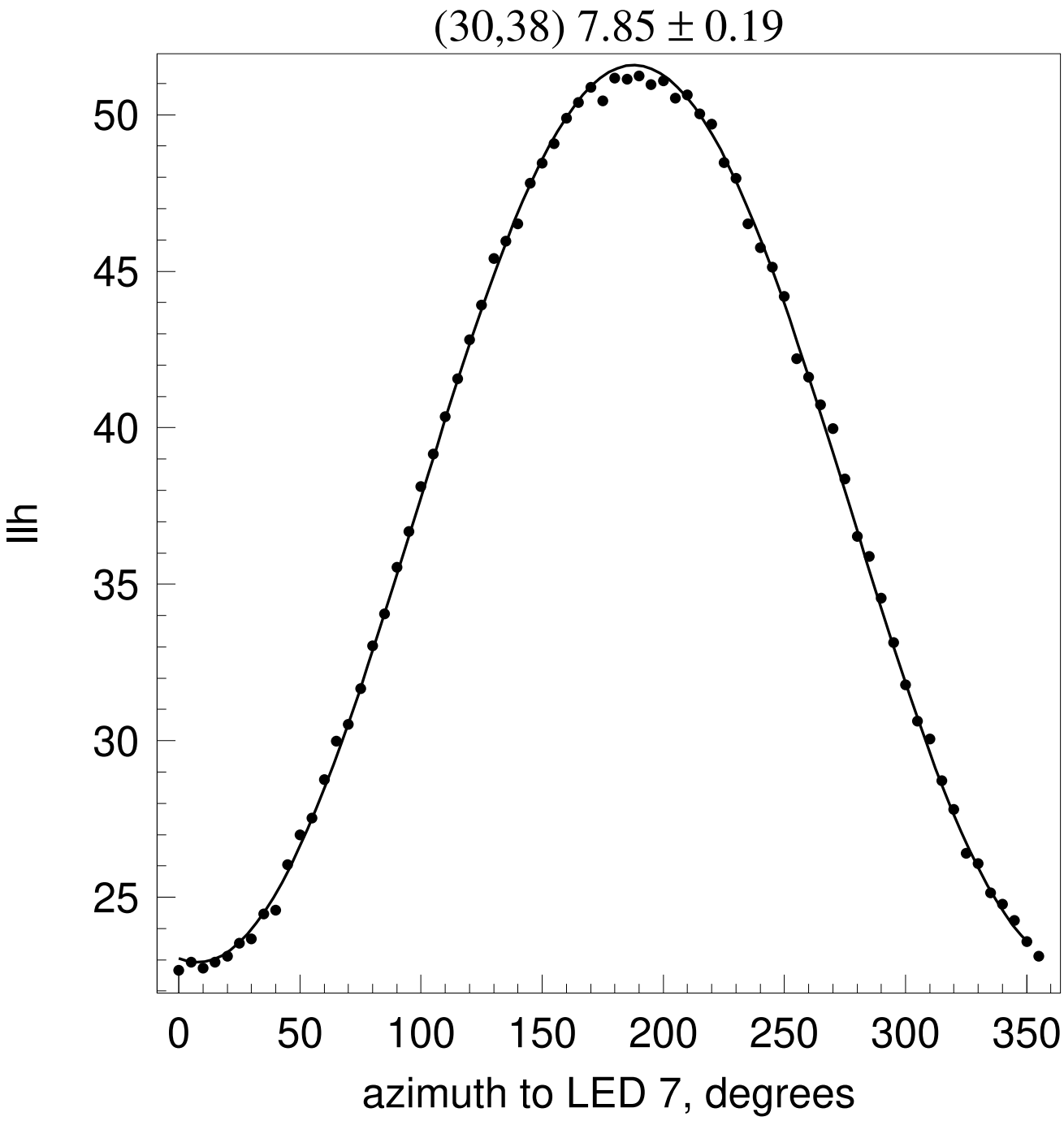

(30,33) 218.46 ± 0.62
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

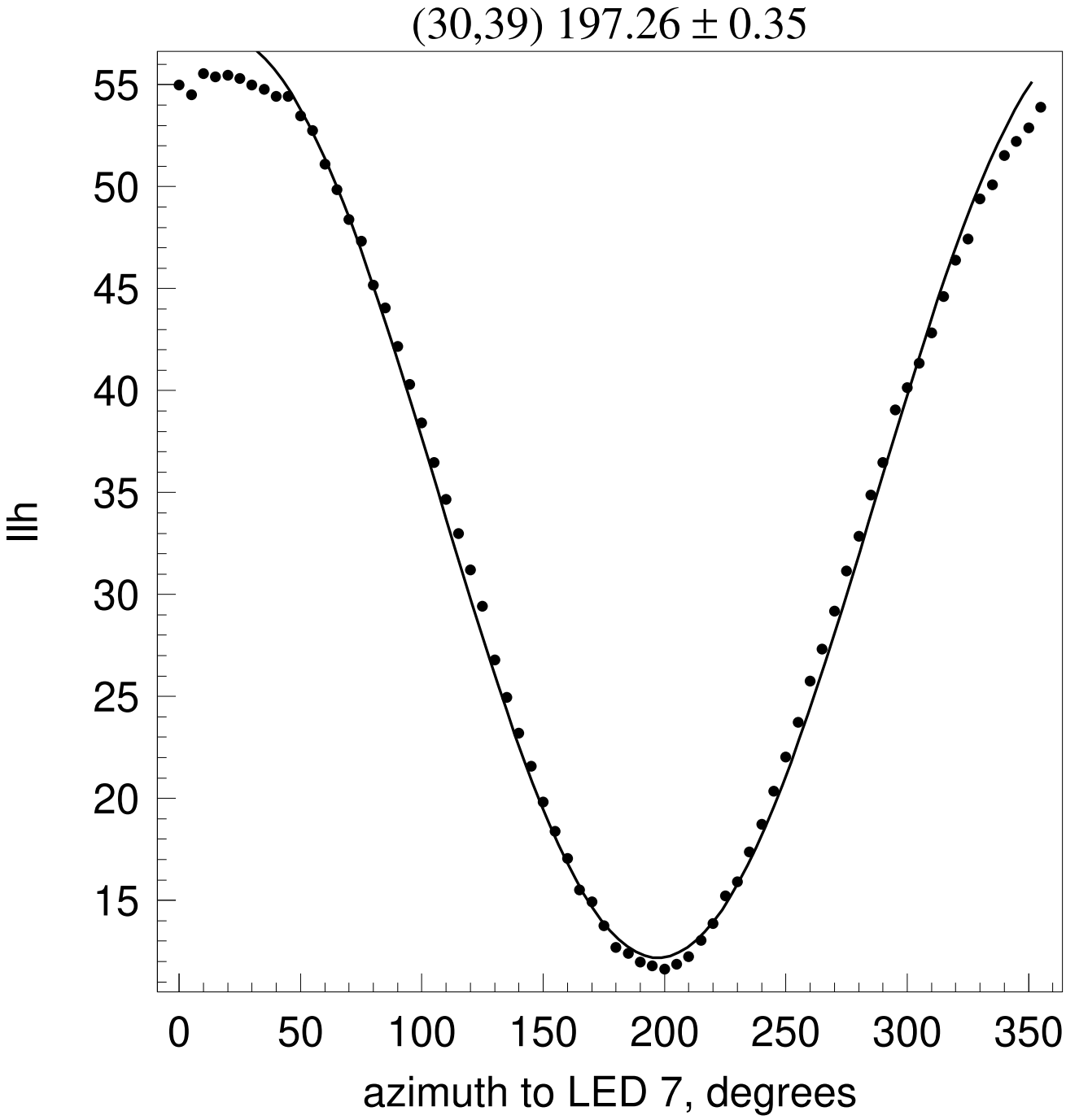

(30,34) 268.79 ± 0.95
38
37
36
35
34
33
32
31
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

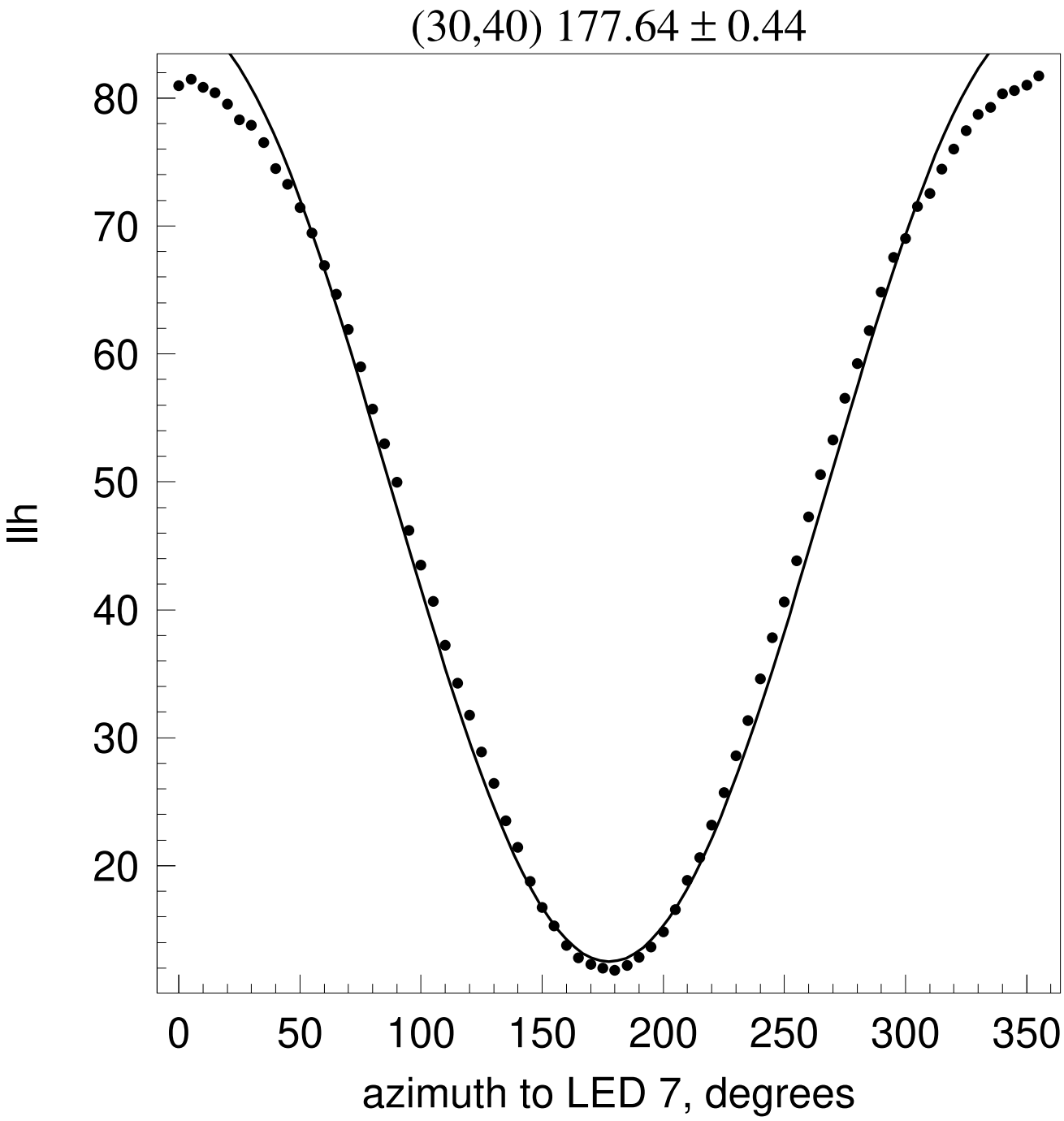

(30,35) 226.88 ± 1.50
45
44
43
42
41
40
39
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

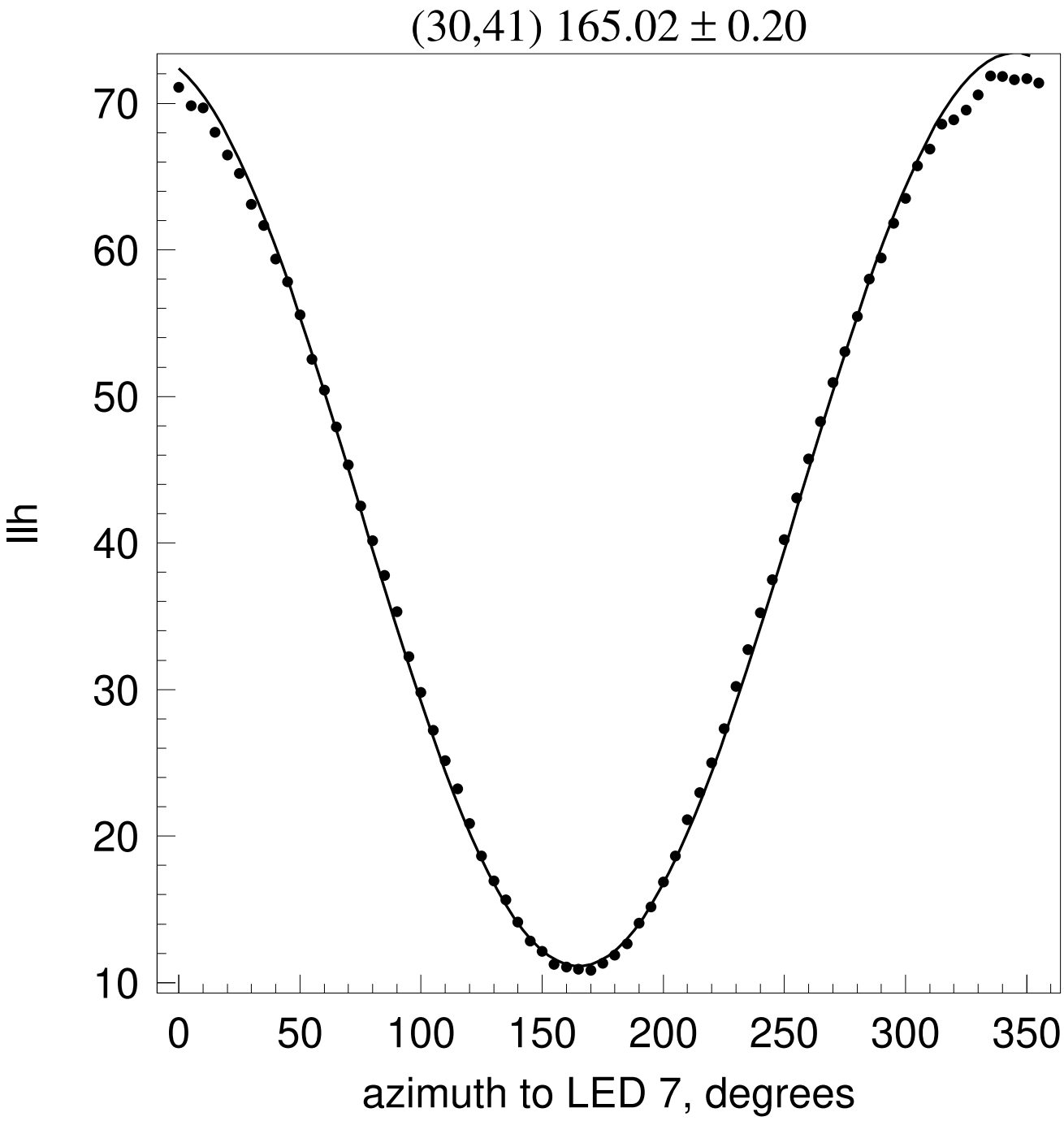

(30,36) 213.35 ± 6876.56
68.5
68
67.5
67
66.5
66
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

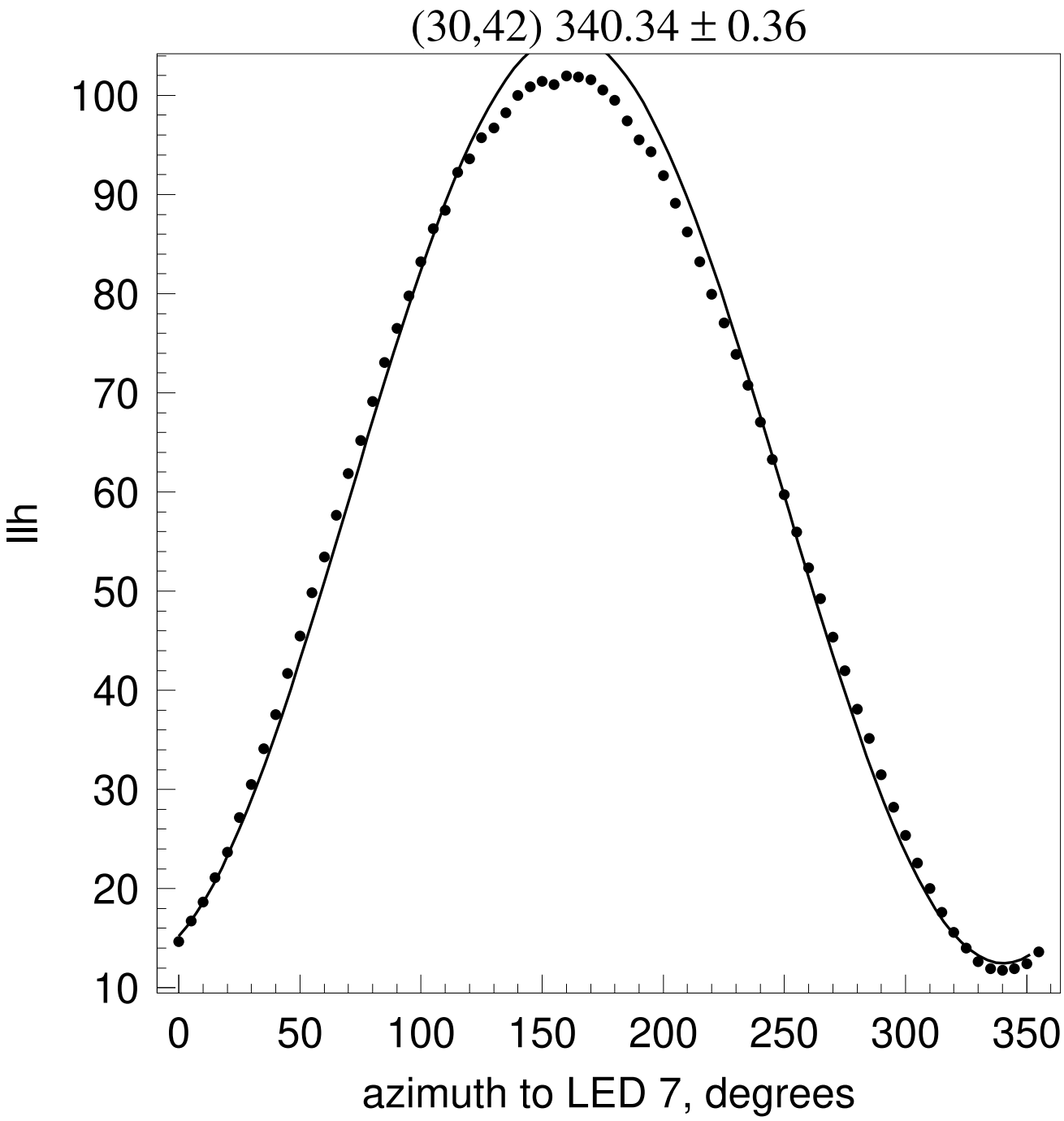

(30,37) 83.94 ± 4.27
38
37.5
37
36.5
36
35.5
35
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

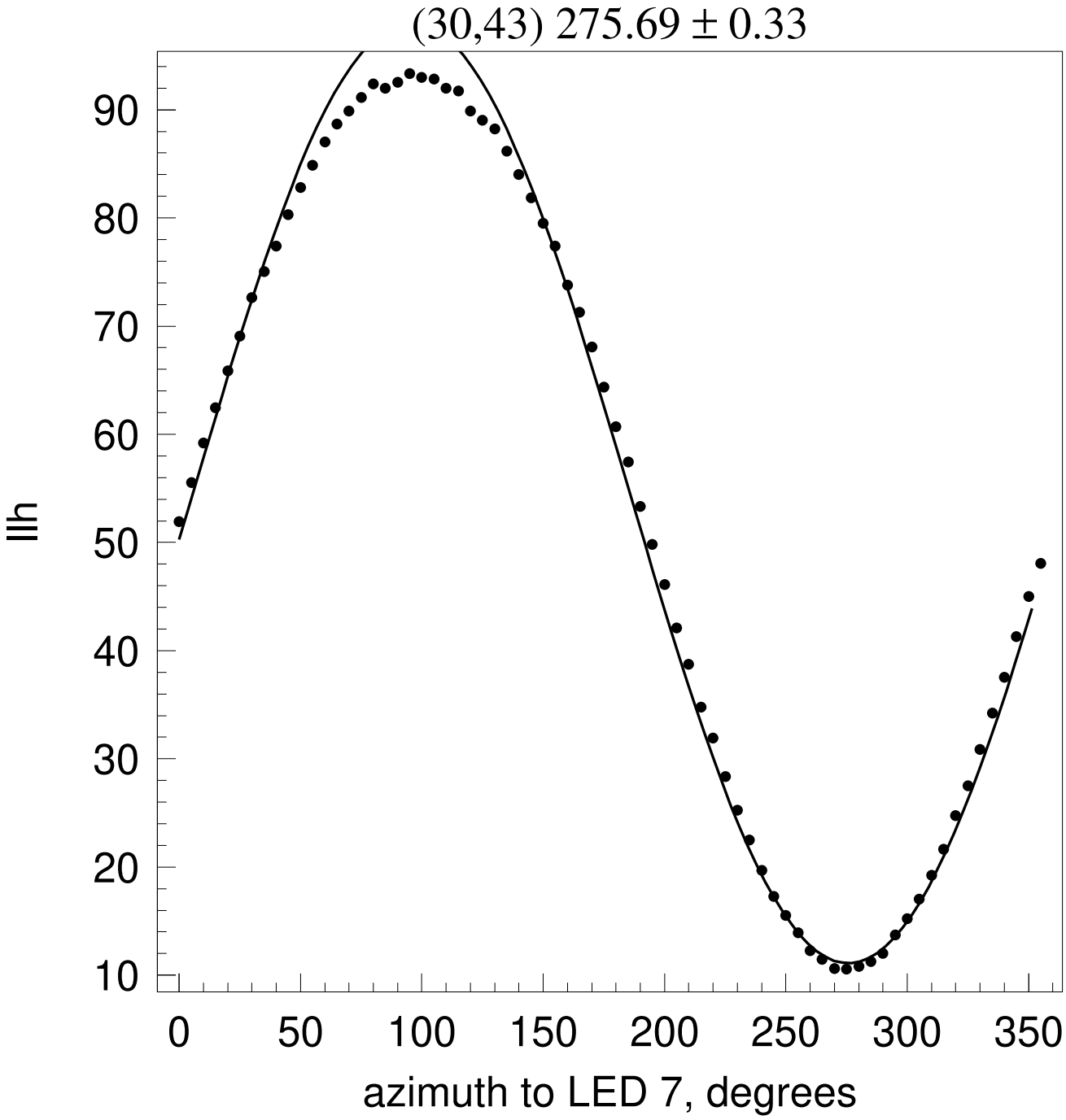

(30,38) 7.85 ± 0.19
50
45
40
35
30
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

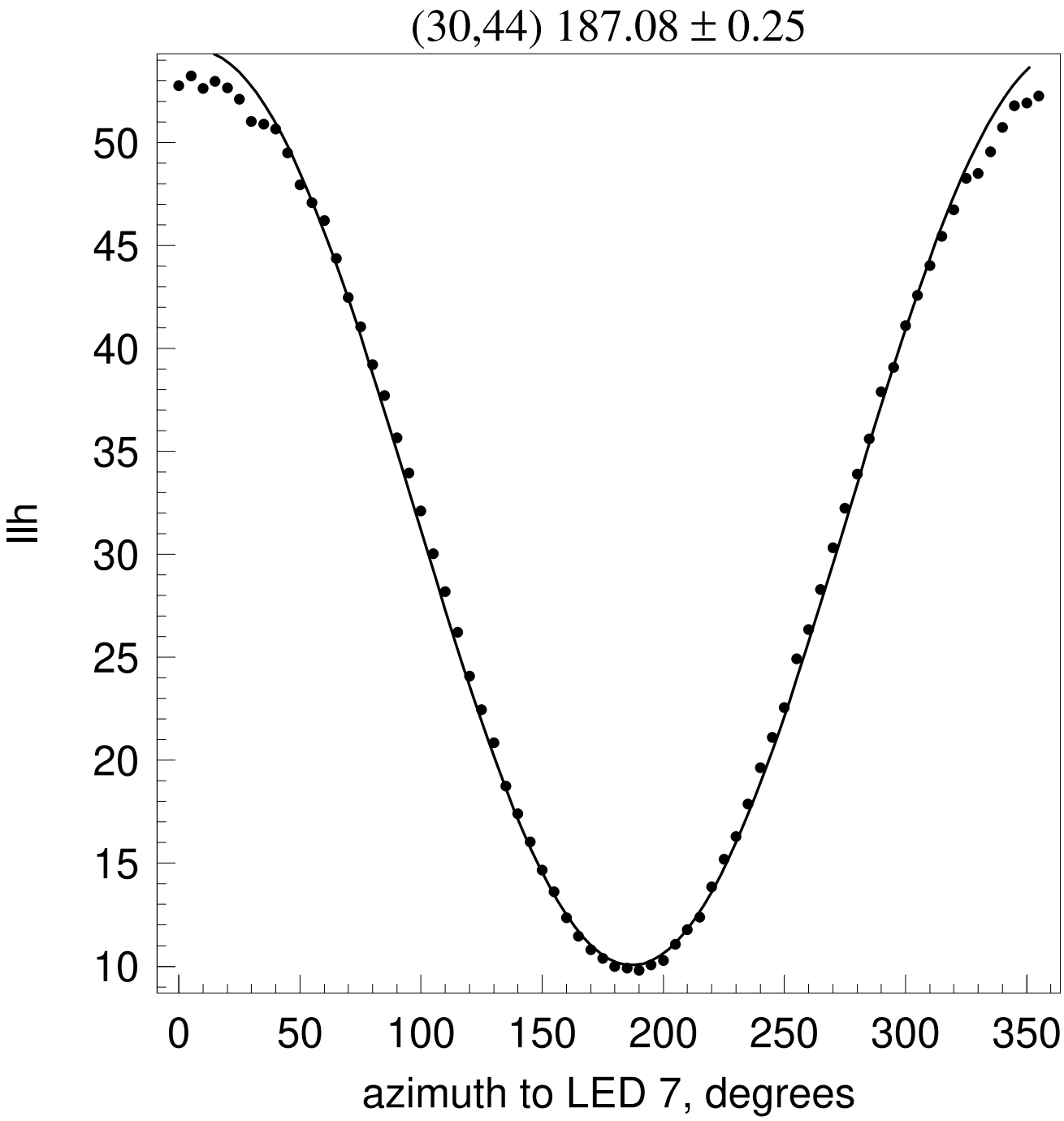

(30,39) 197.26 ± 0.35
55
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

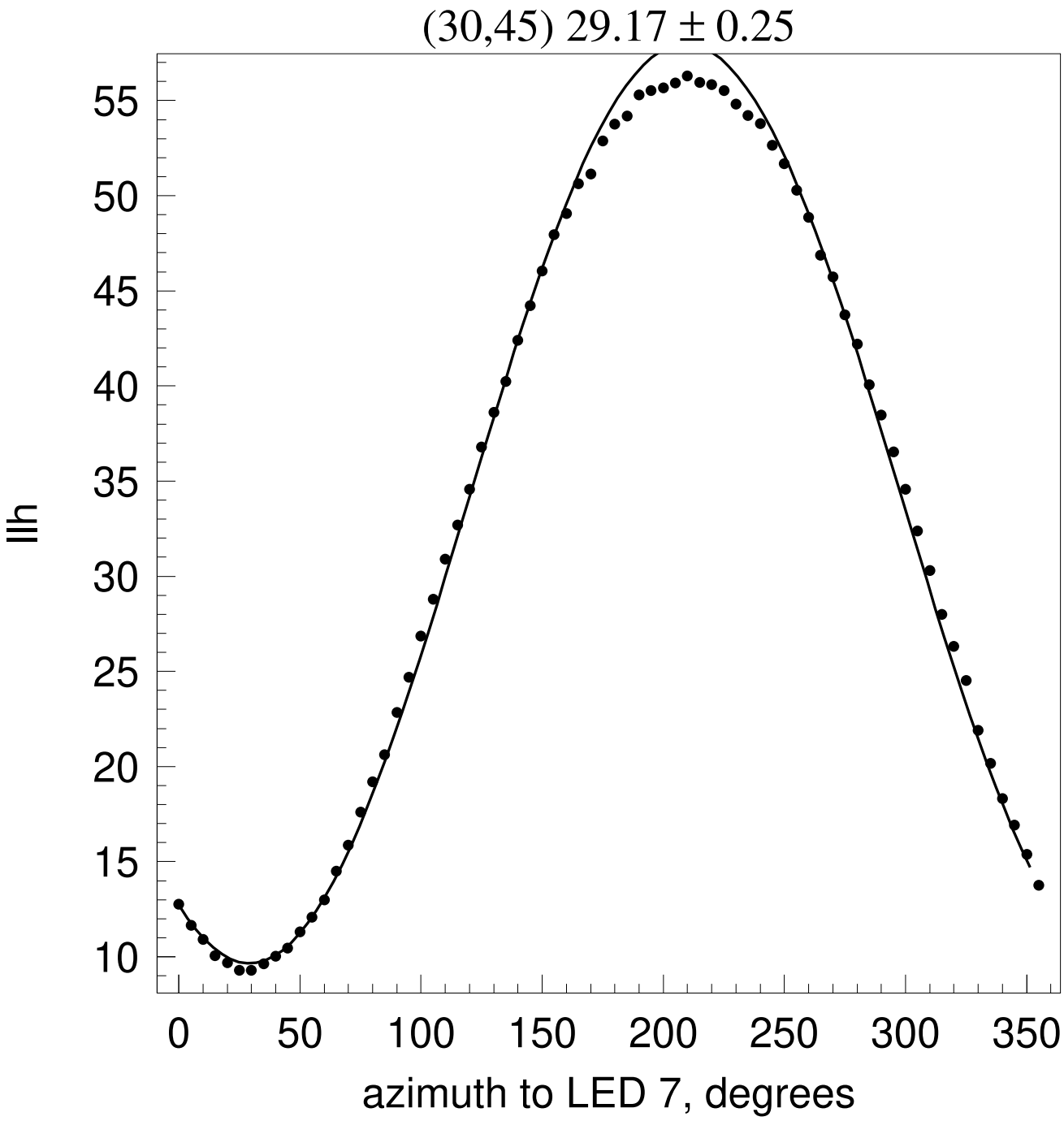

(30,40) 177.64 ± 0.44
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

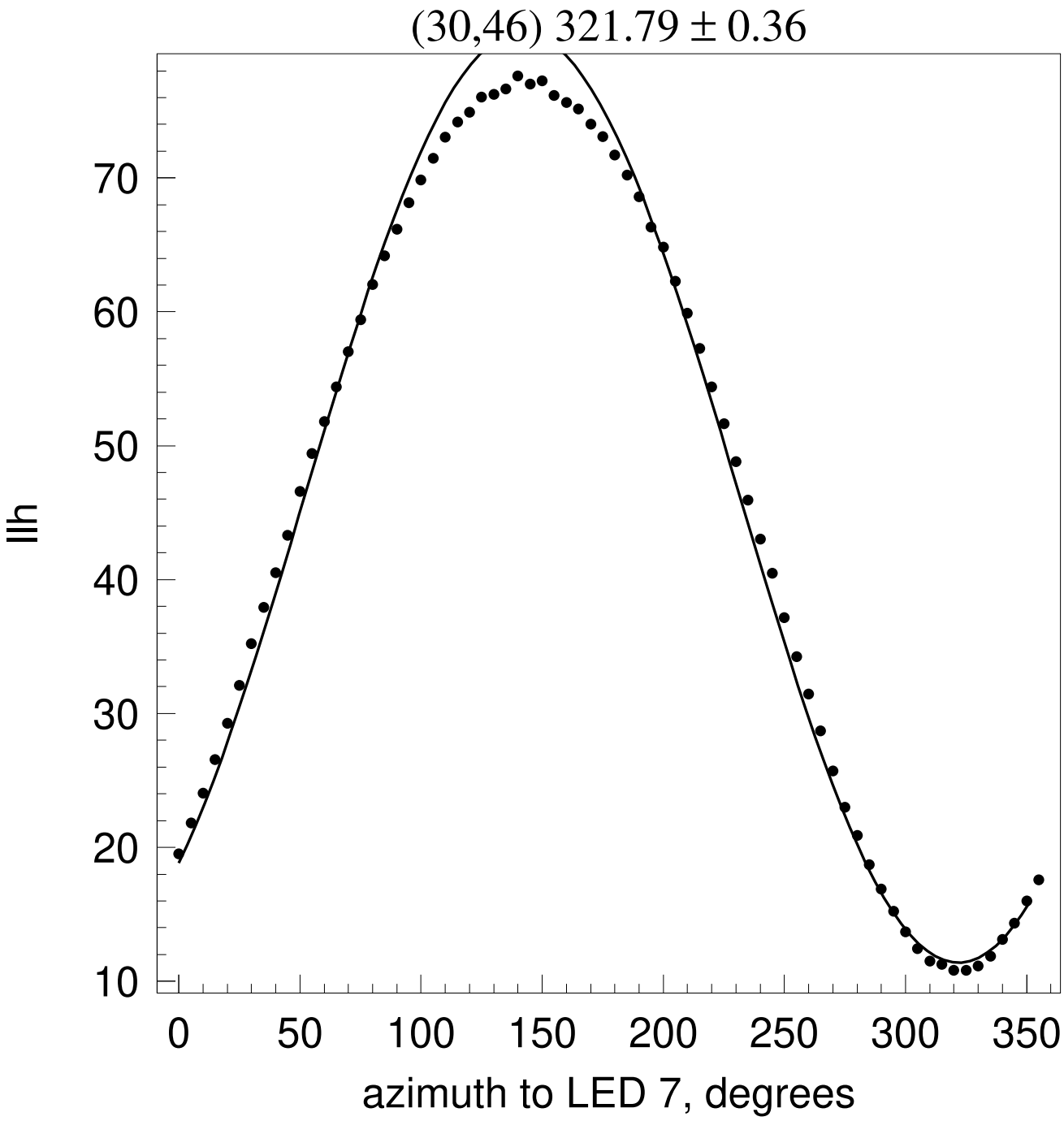

(30,41) 165.02 ± 0.20
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

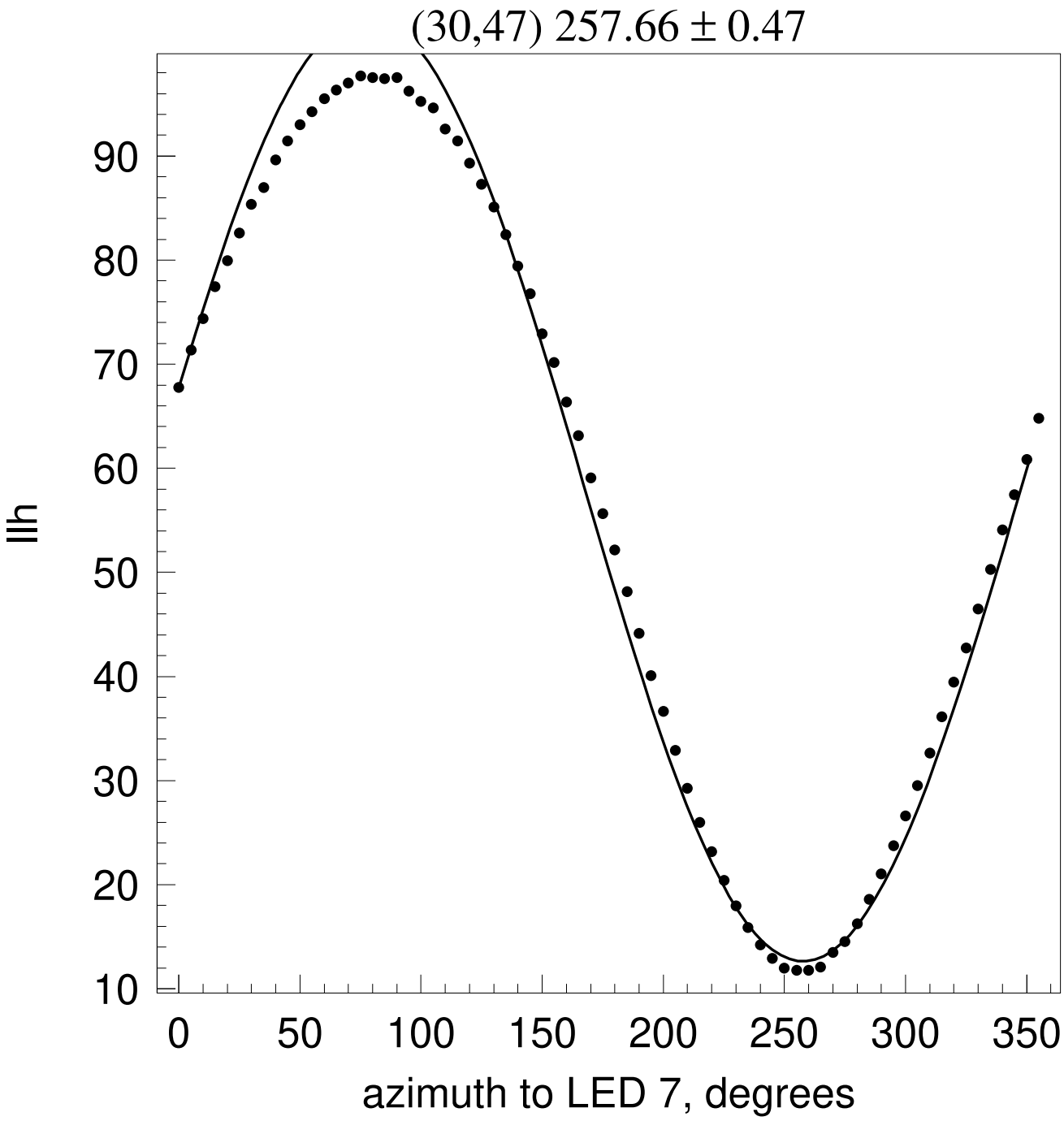

(30,42) 340.34 ± 0.36
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

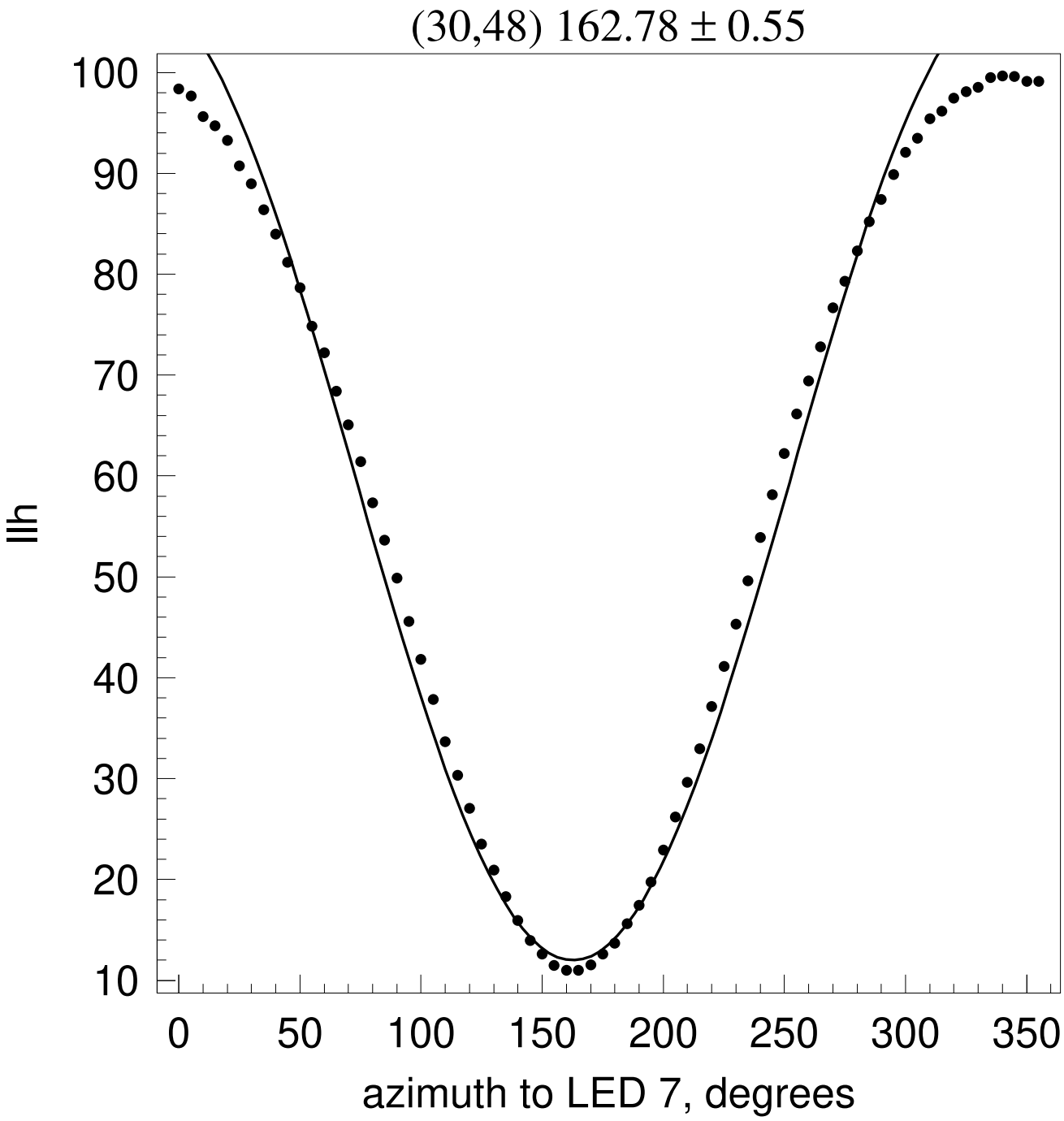

(30,43) 275.69 ± 0.33
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

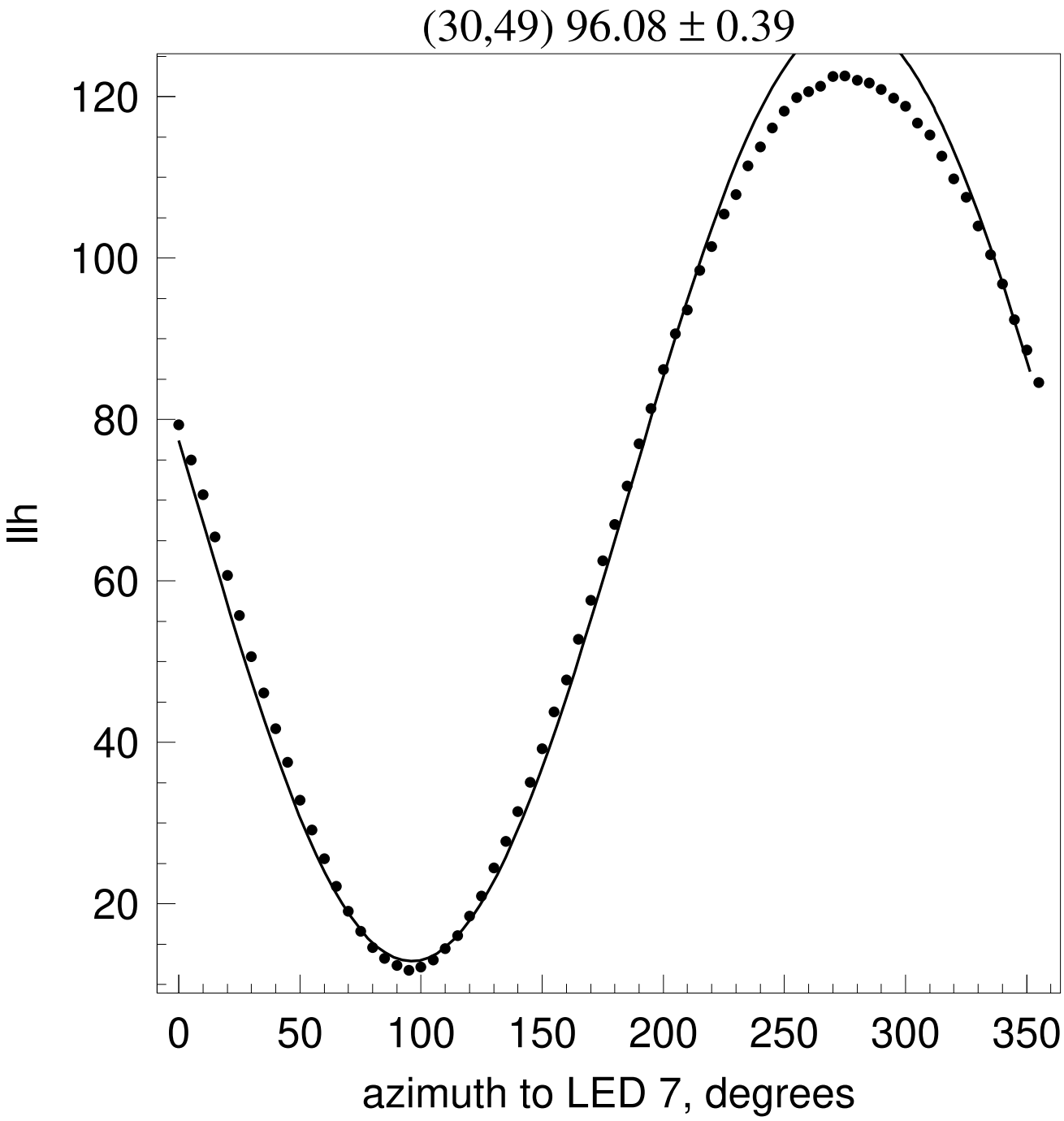

(30,44) 187.08 ± 0.25
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

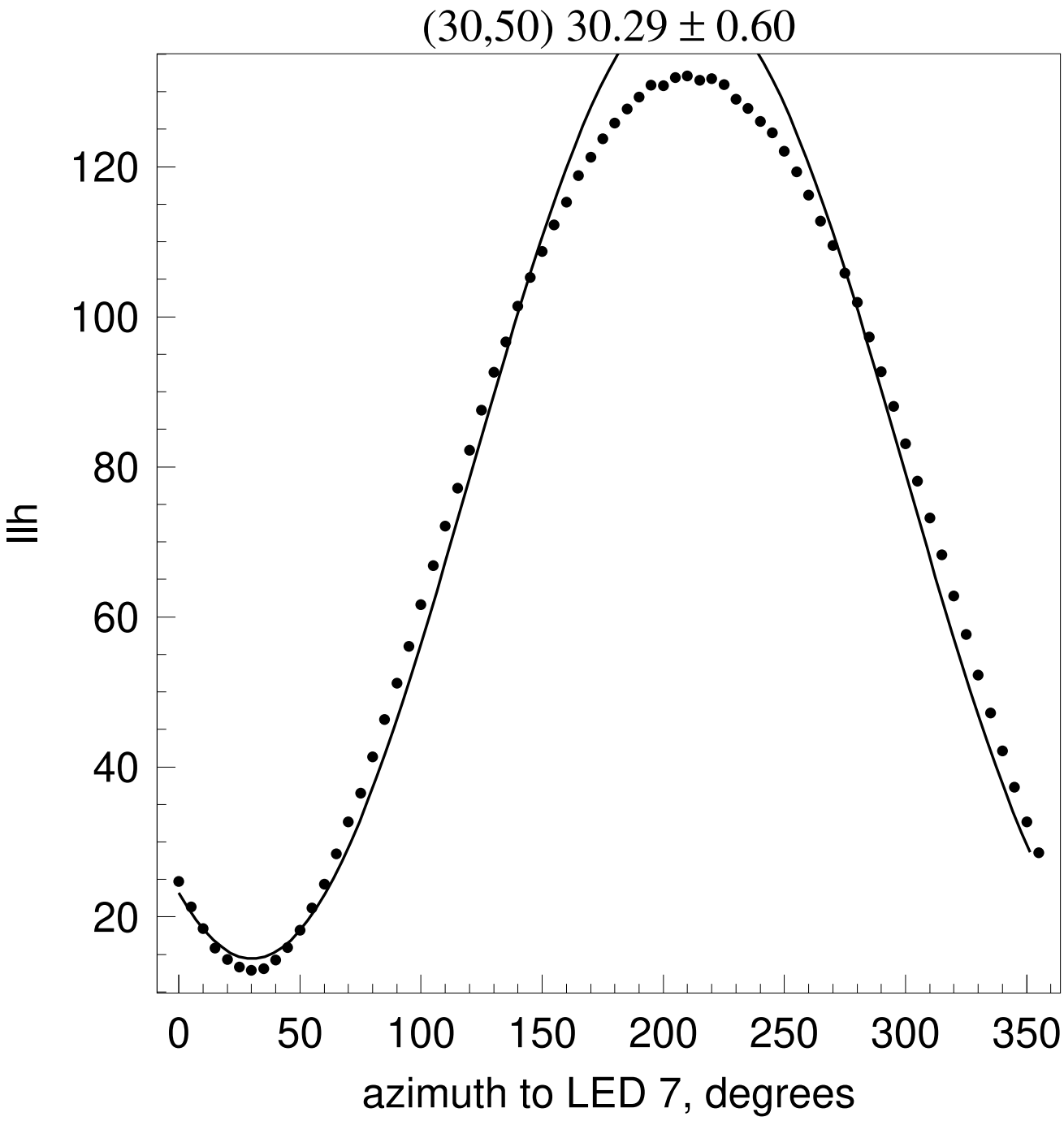

(30,45) 29.17 ± 0.25
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

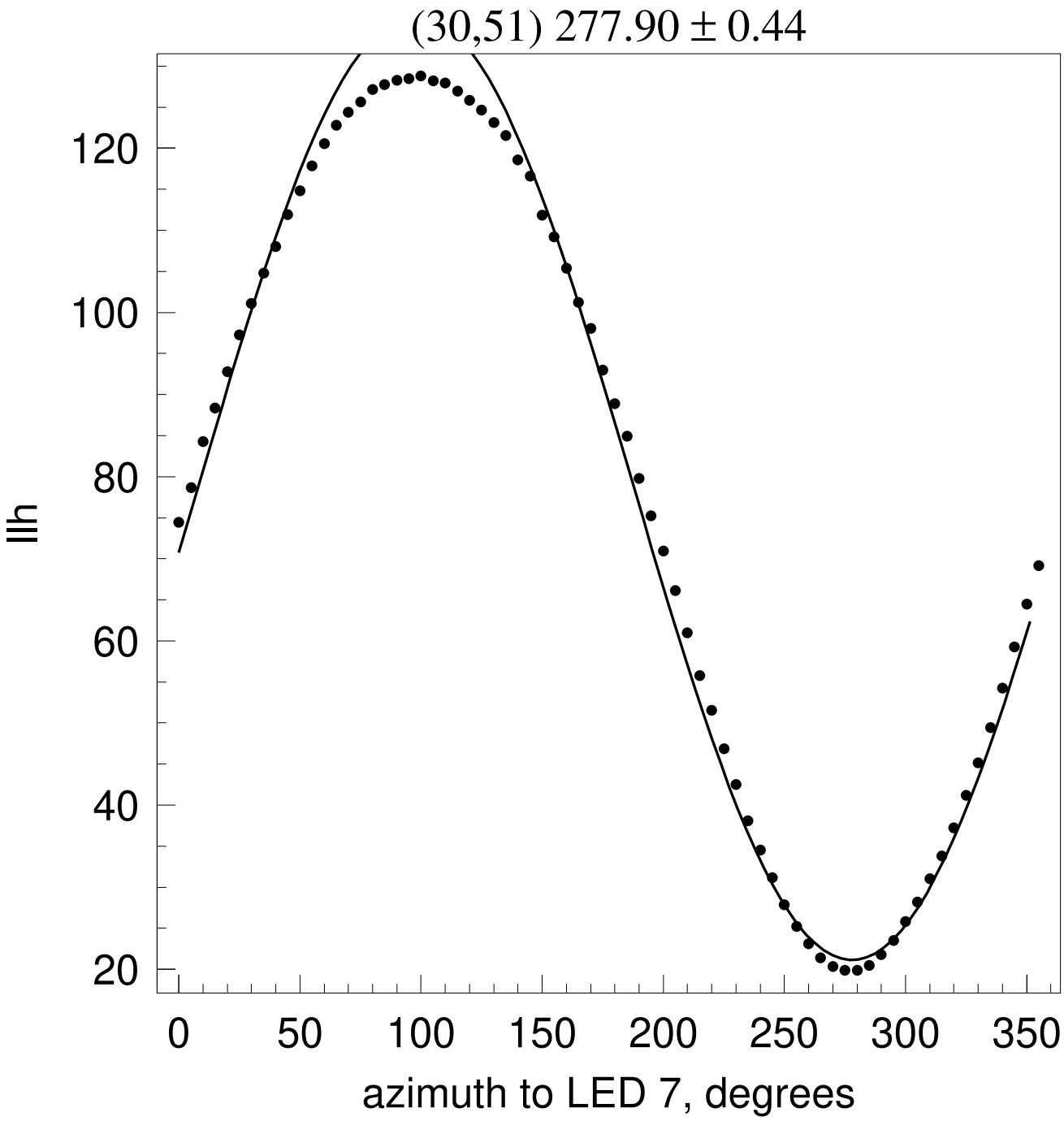

(30,46) 321.79 ± 0.36
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

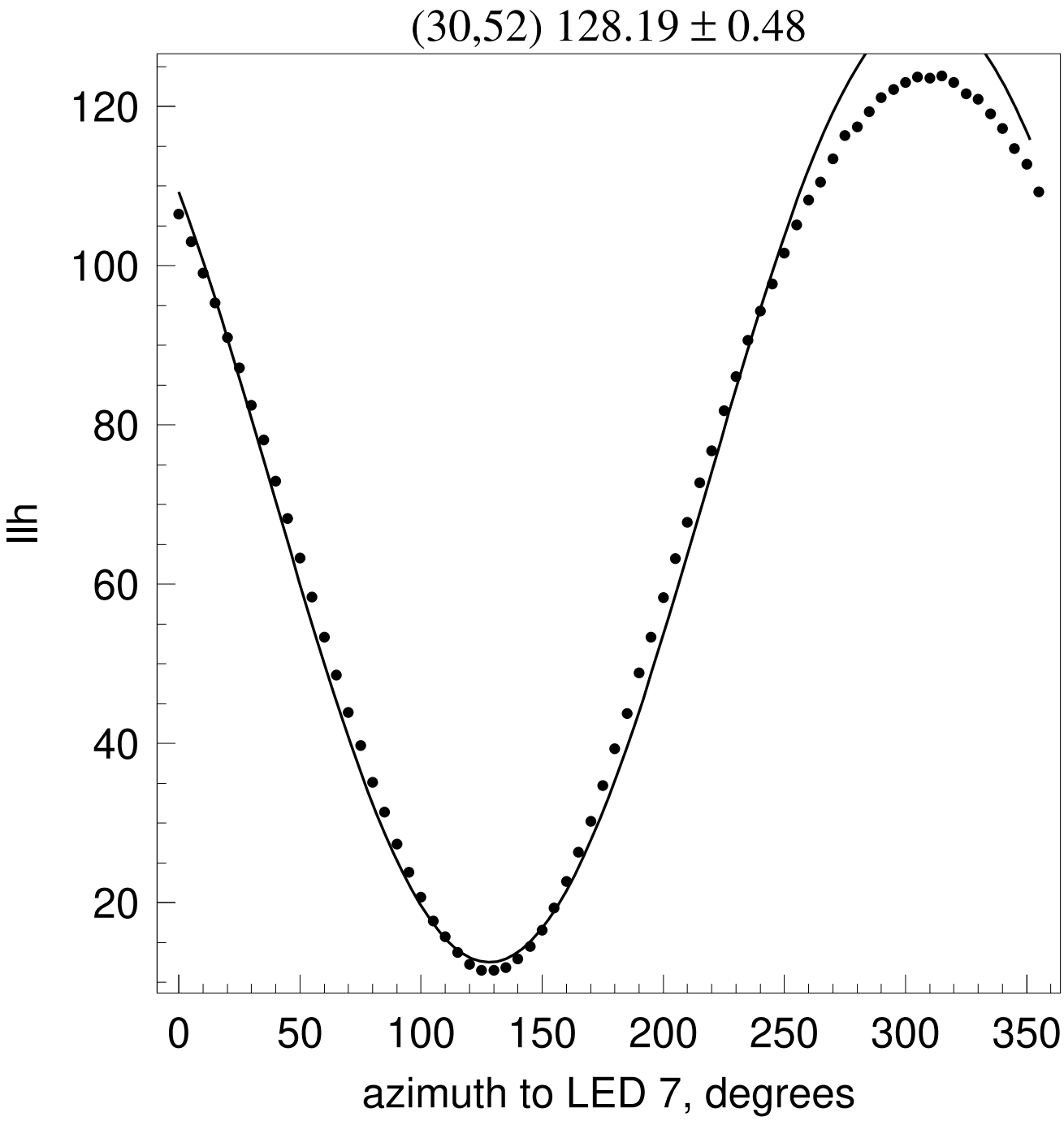

(30,47) 257.66 ± 0.47
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

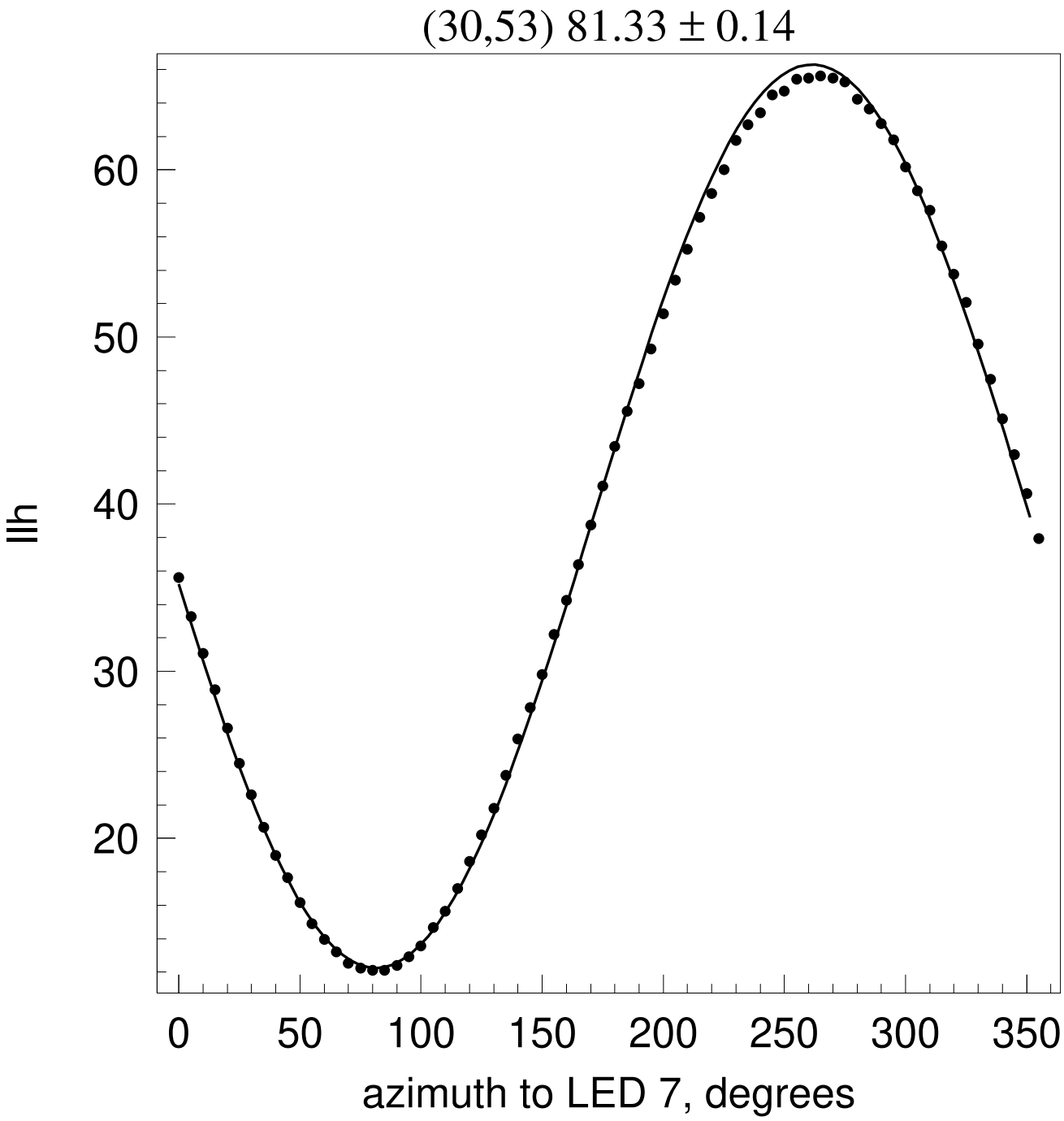

(30,48) 162.78 ± 0.55
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

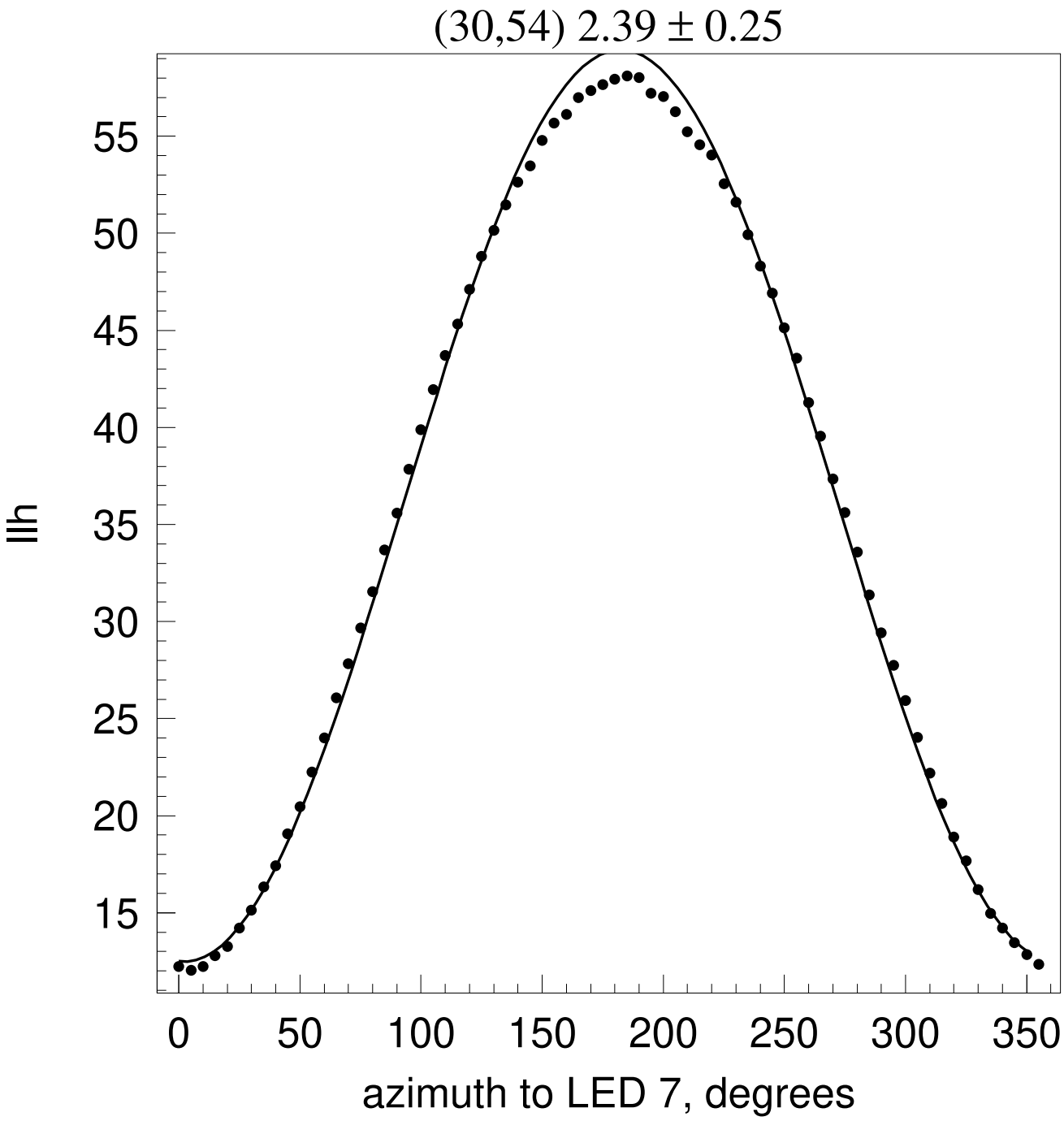

(30,49) 96.08 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

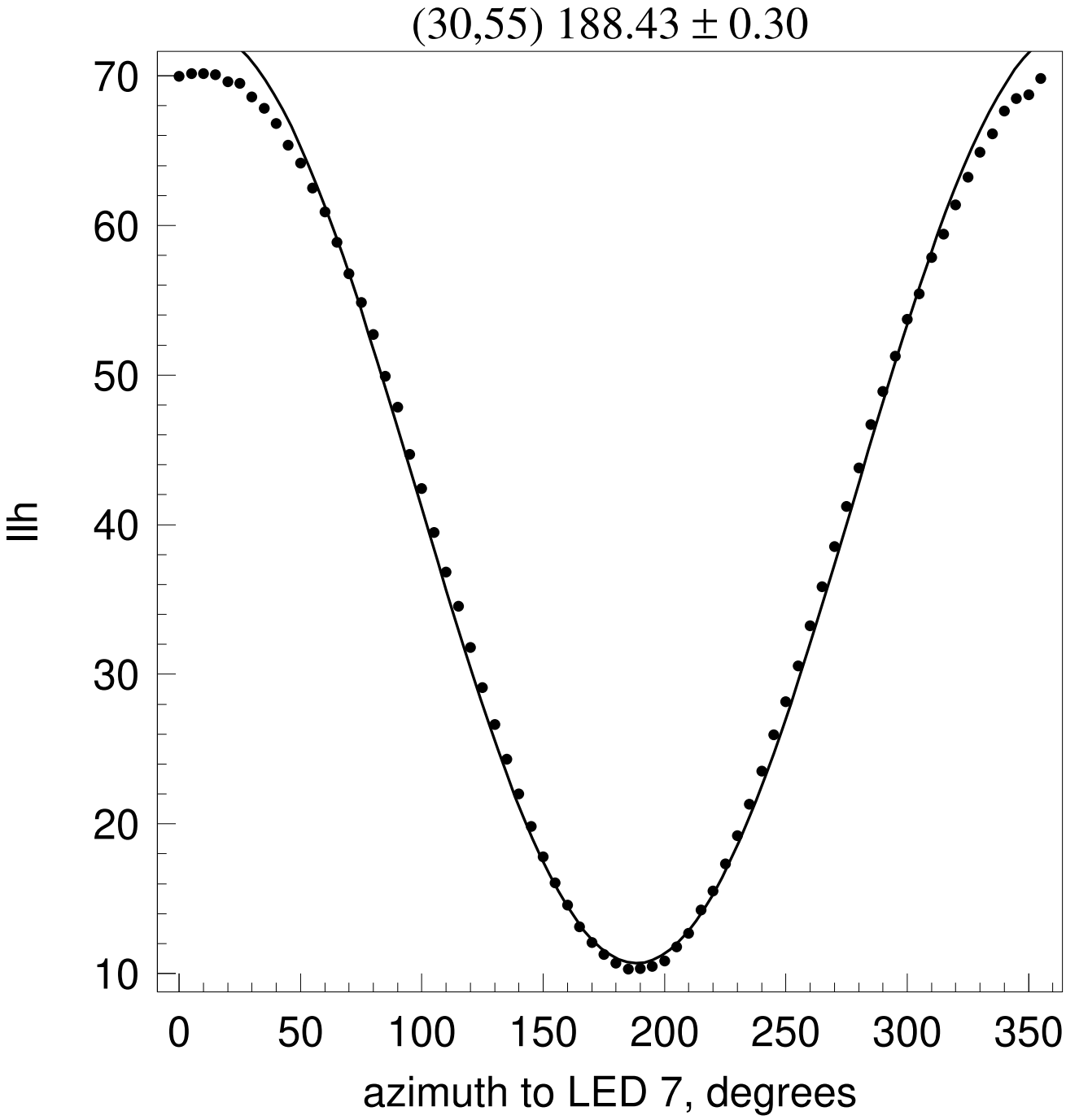

(30,50) 30.29 ± 0.60
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

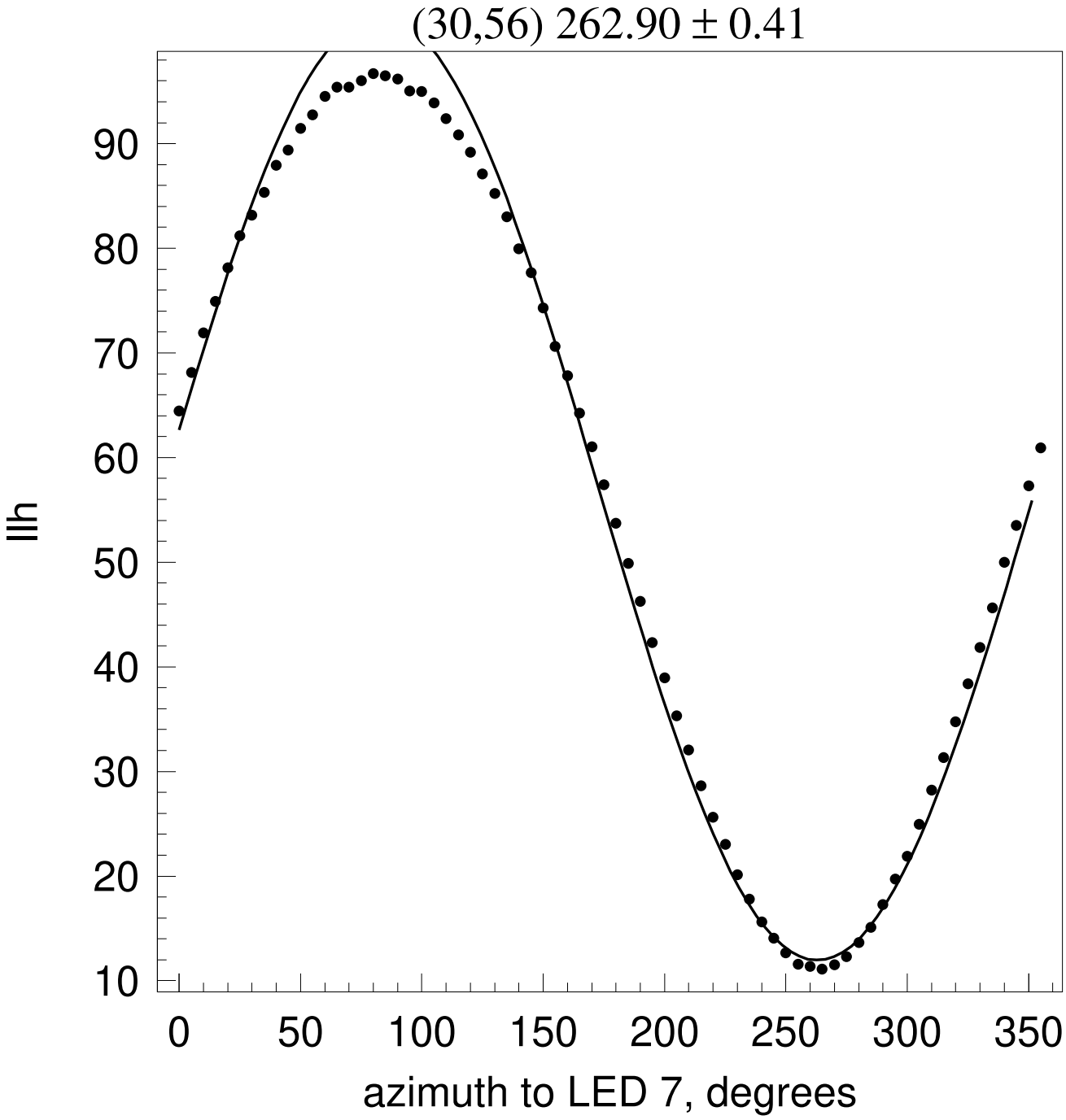

(30,51) 277.90 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

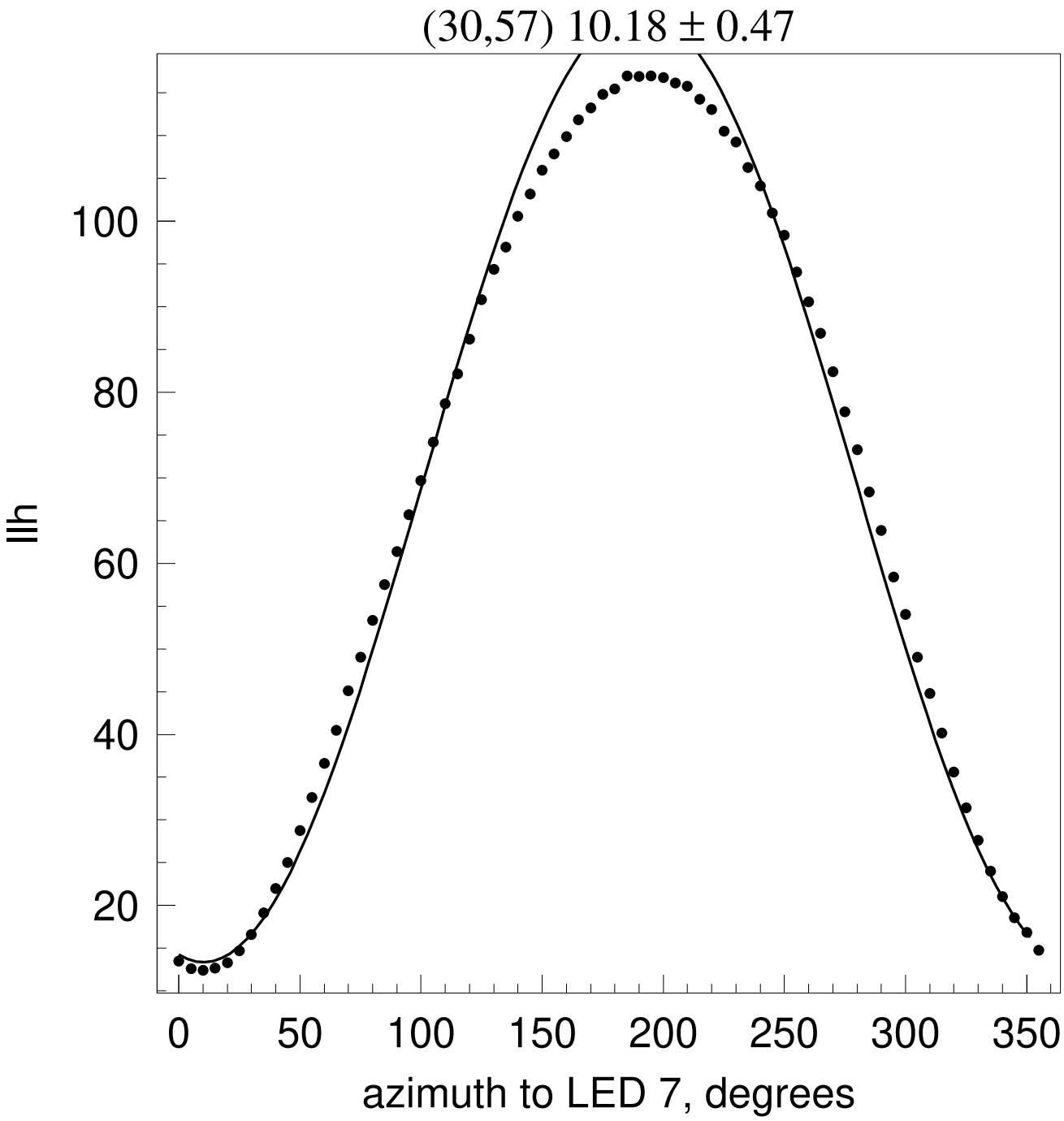

(30,52) 128.19 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

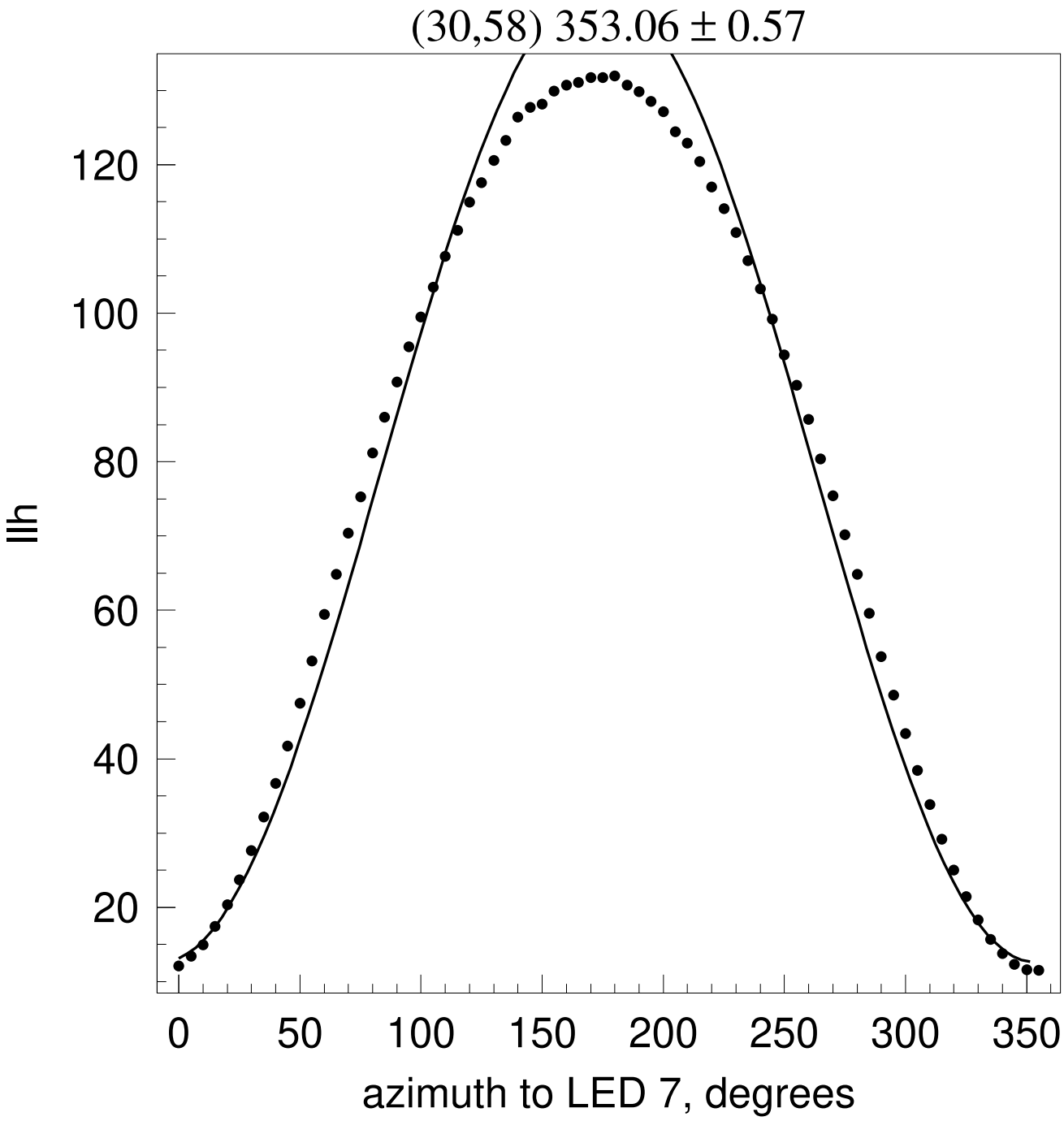

(30,53) 81.33 ± 0.14
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

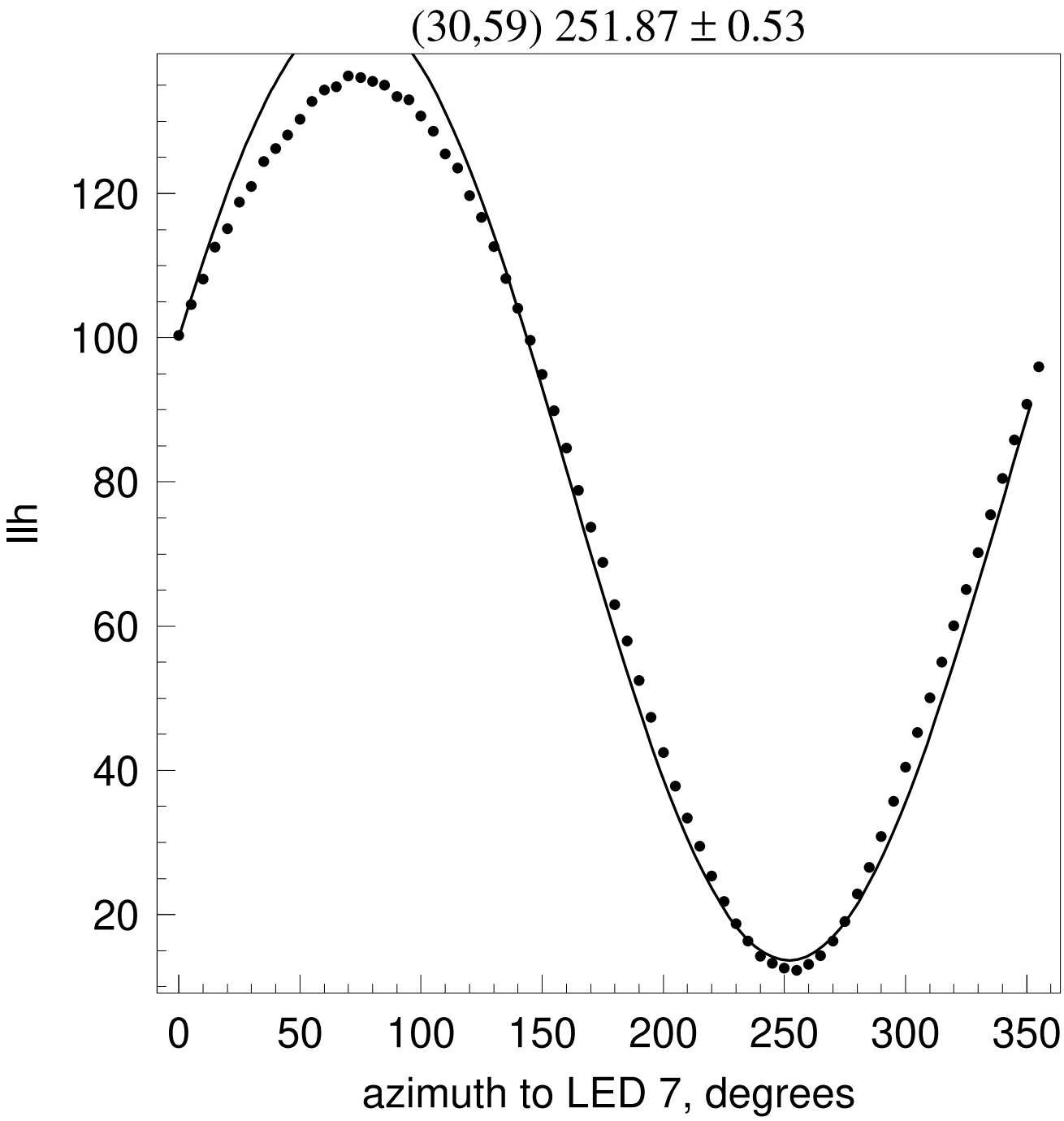

(30,54) 2.39 ± 0.25
llh
55
50
45
40
35
30
25
20
15
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

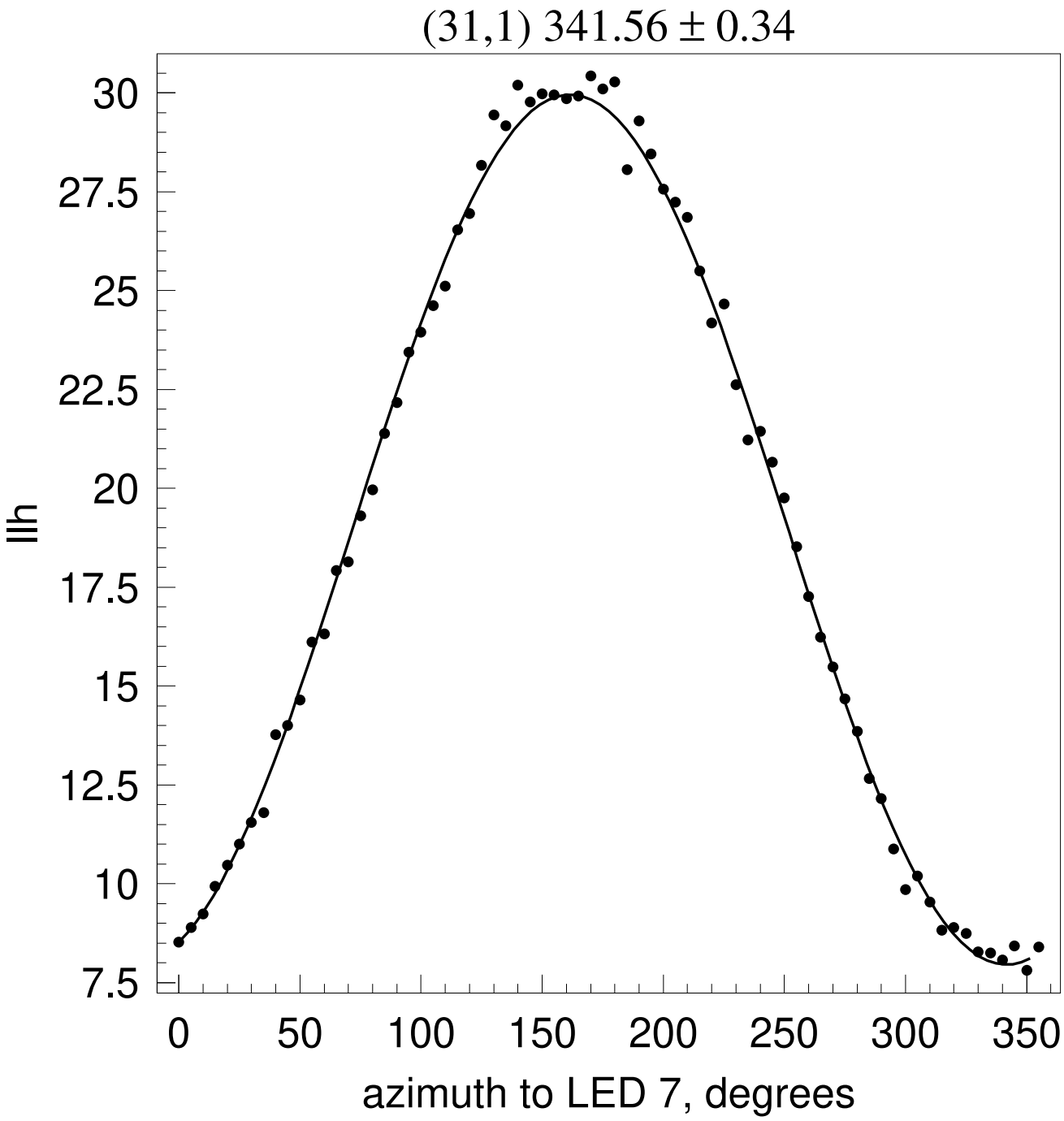

(30,55) 188.43 ± 0.30
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

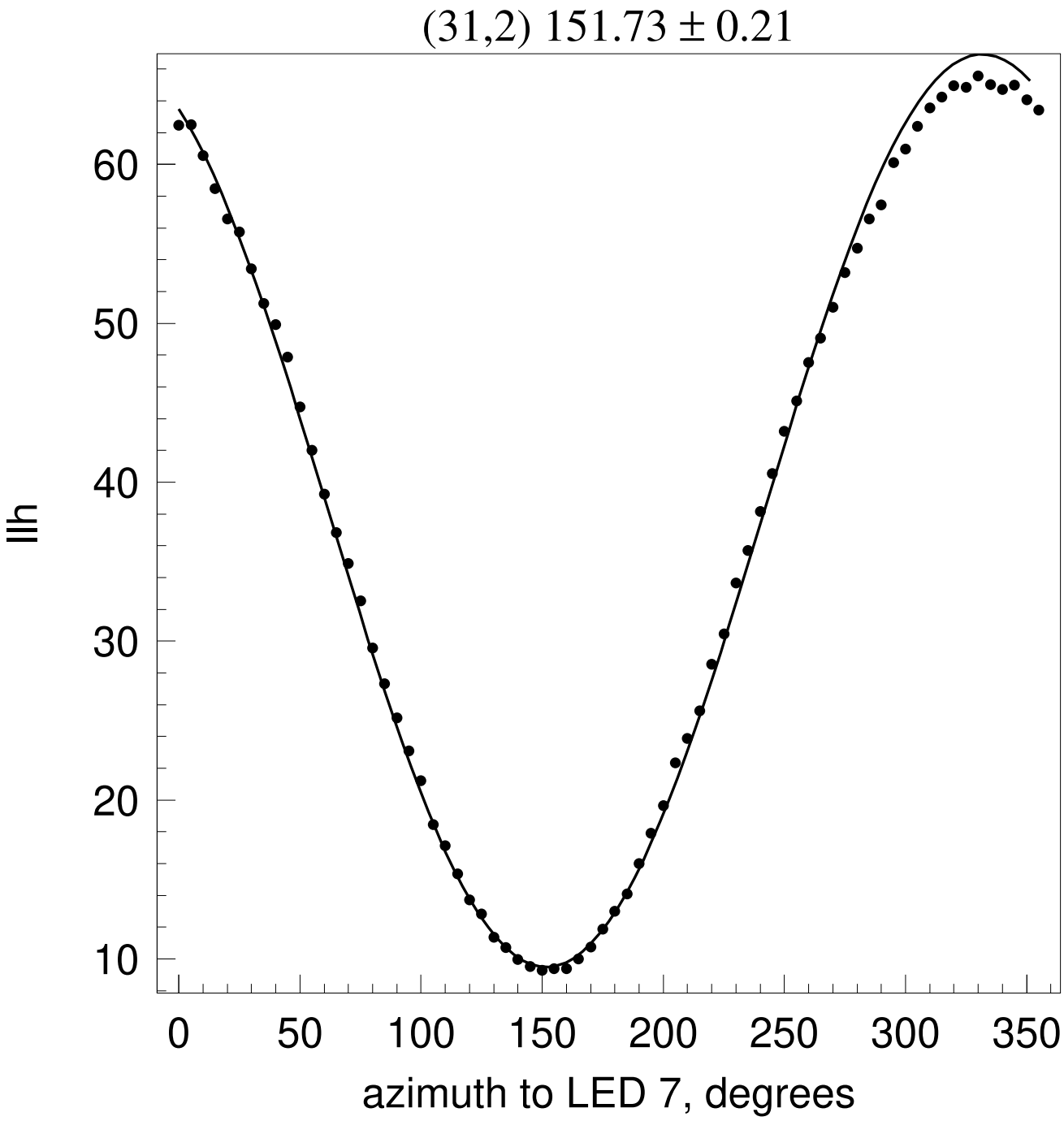

(30,56) 262.90 ± 0.41
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

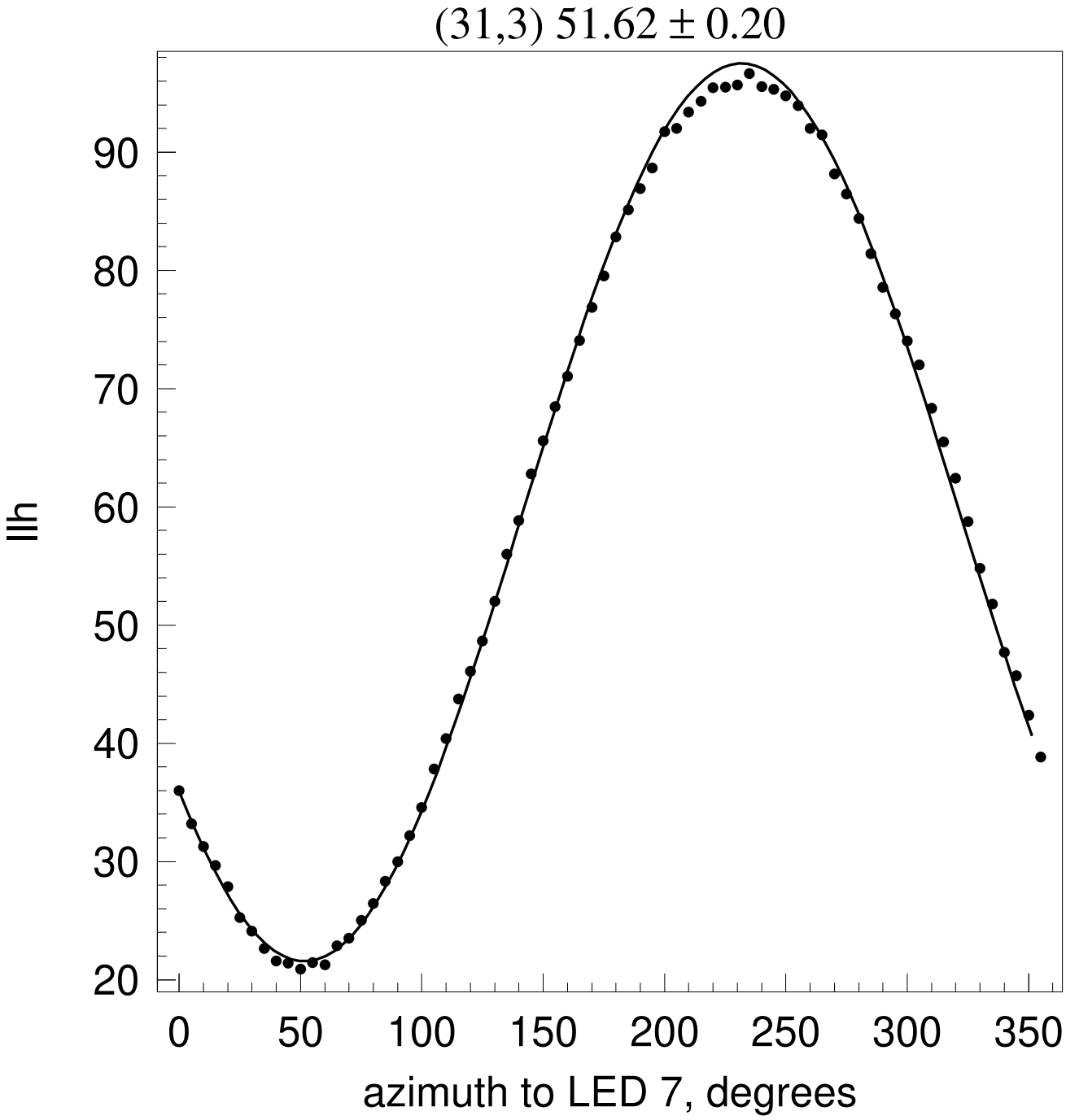

(30,57) 10.18 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

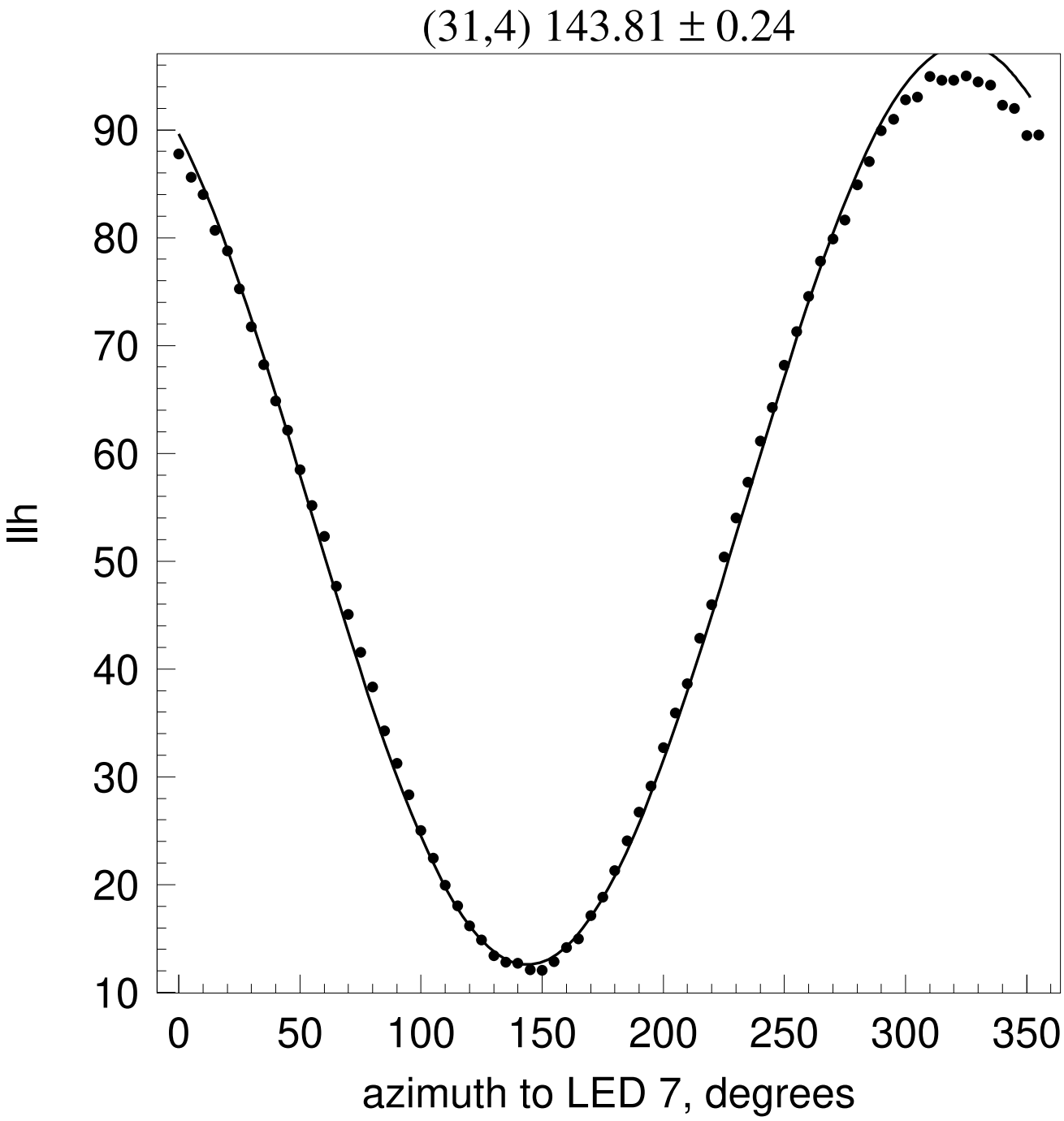

(30,58) 353.06 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

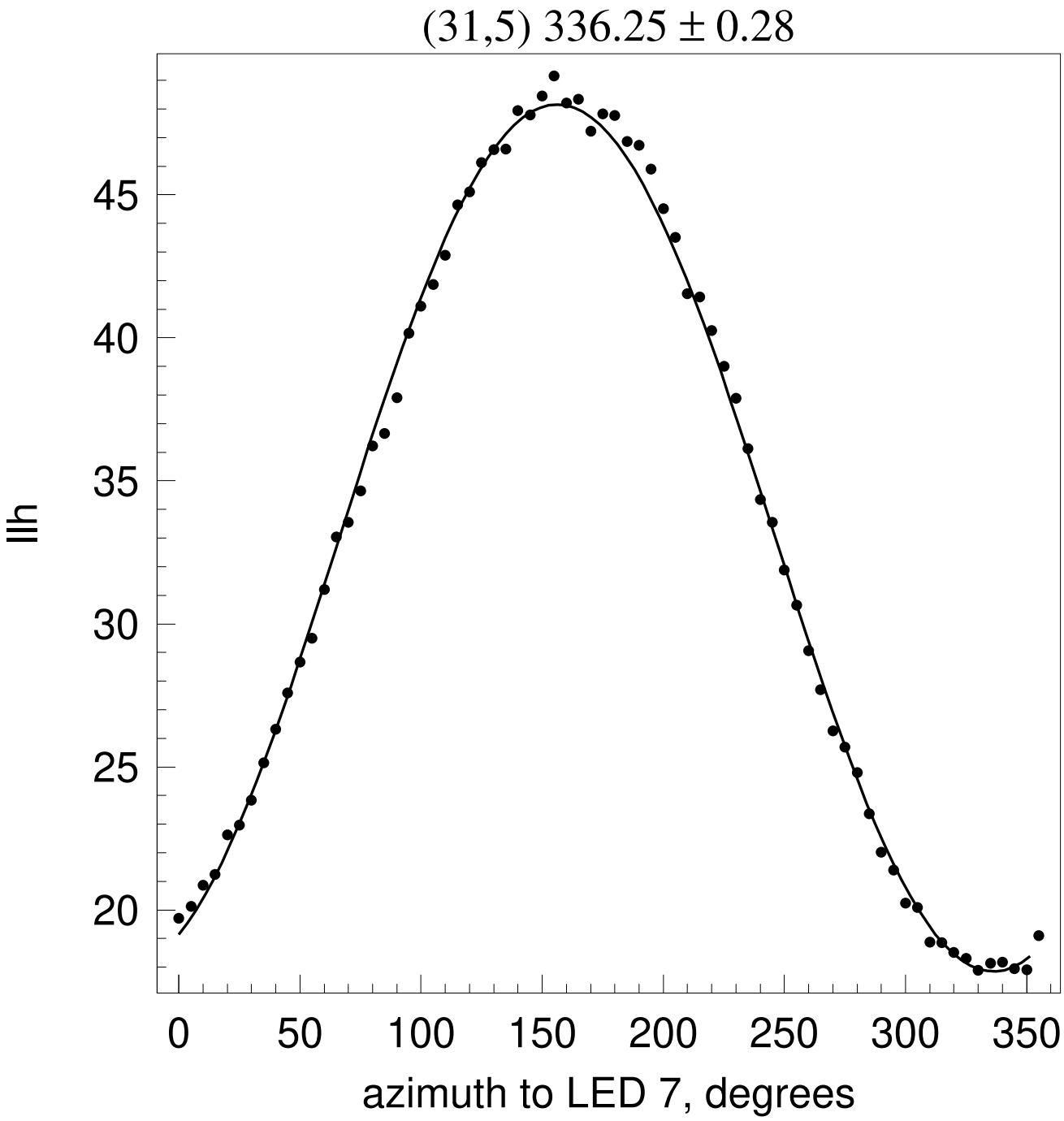

(30,59) 251.87 ± 0.53
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

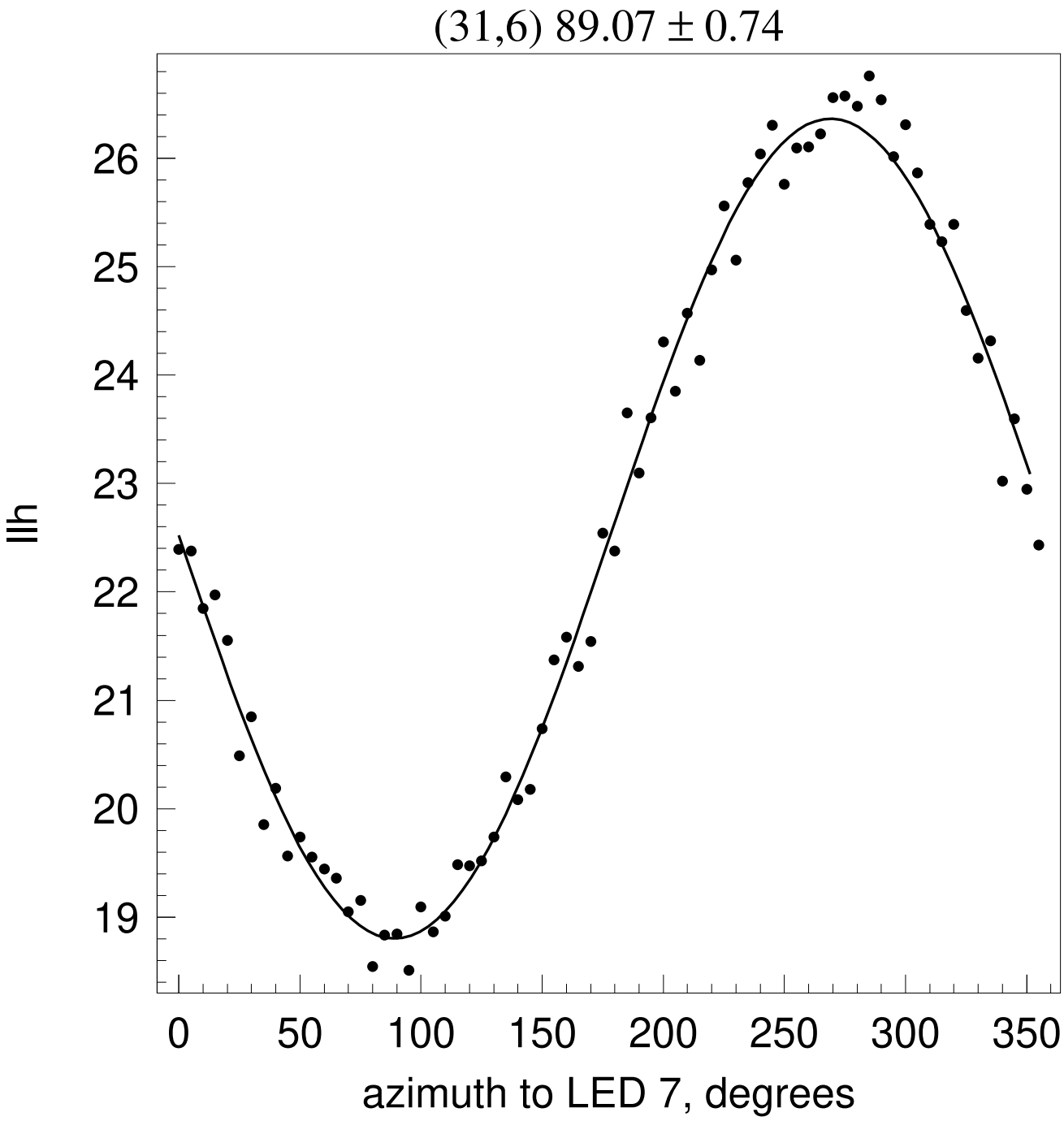

(31,1) 341.56 ± 0.34
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

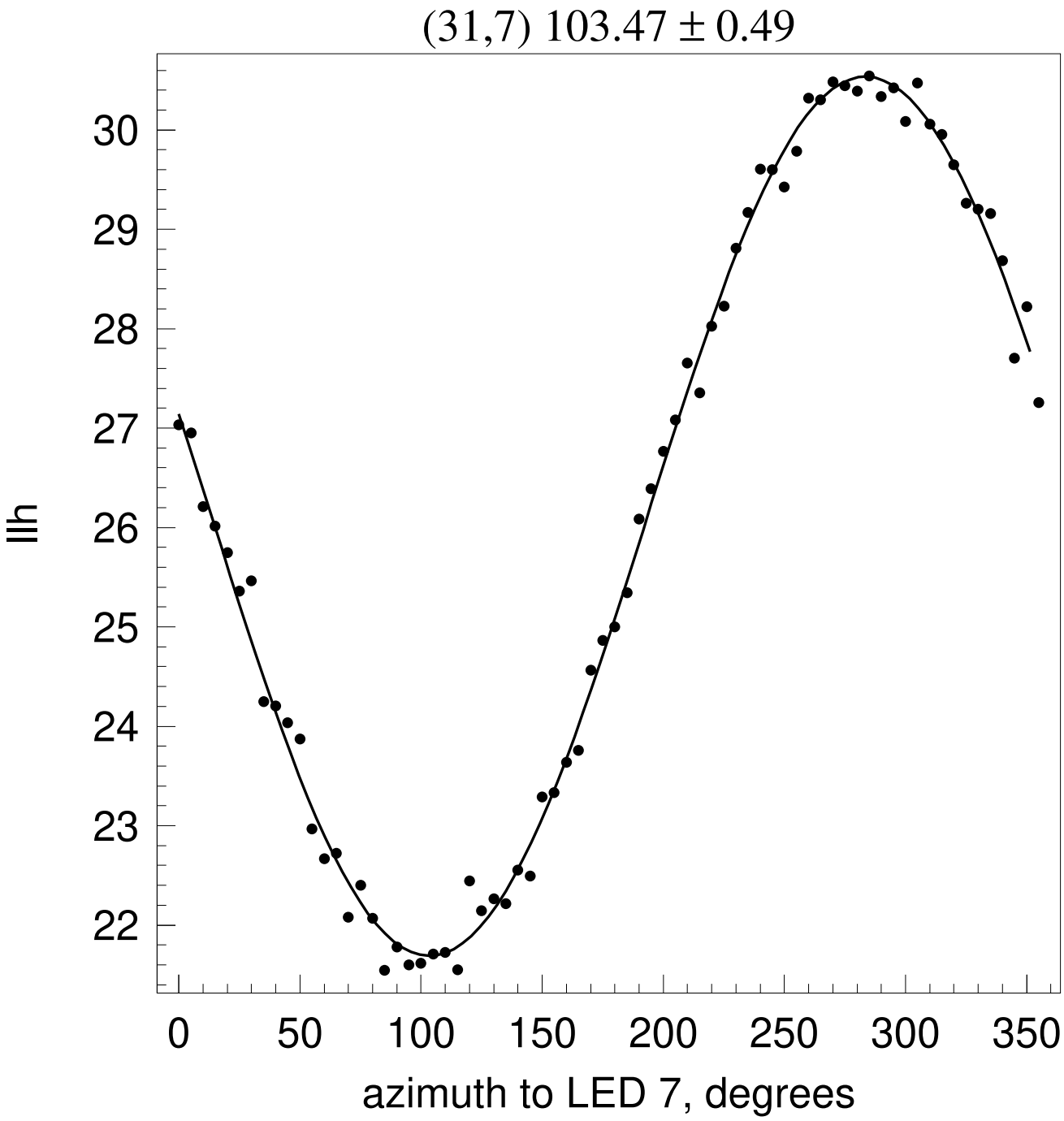

(31,2) 151.73 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

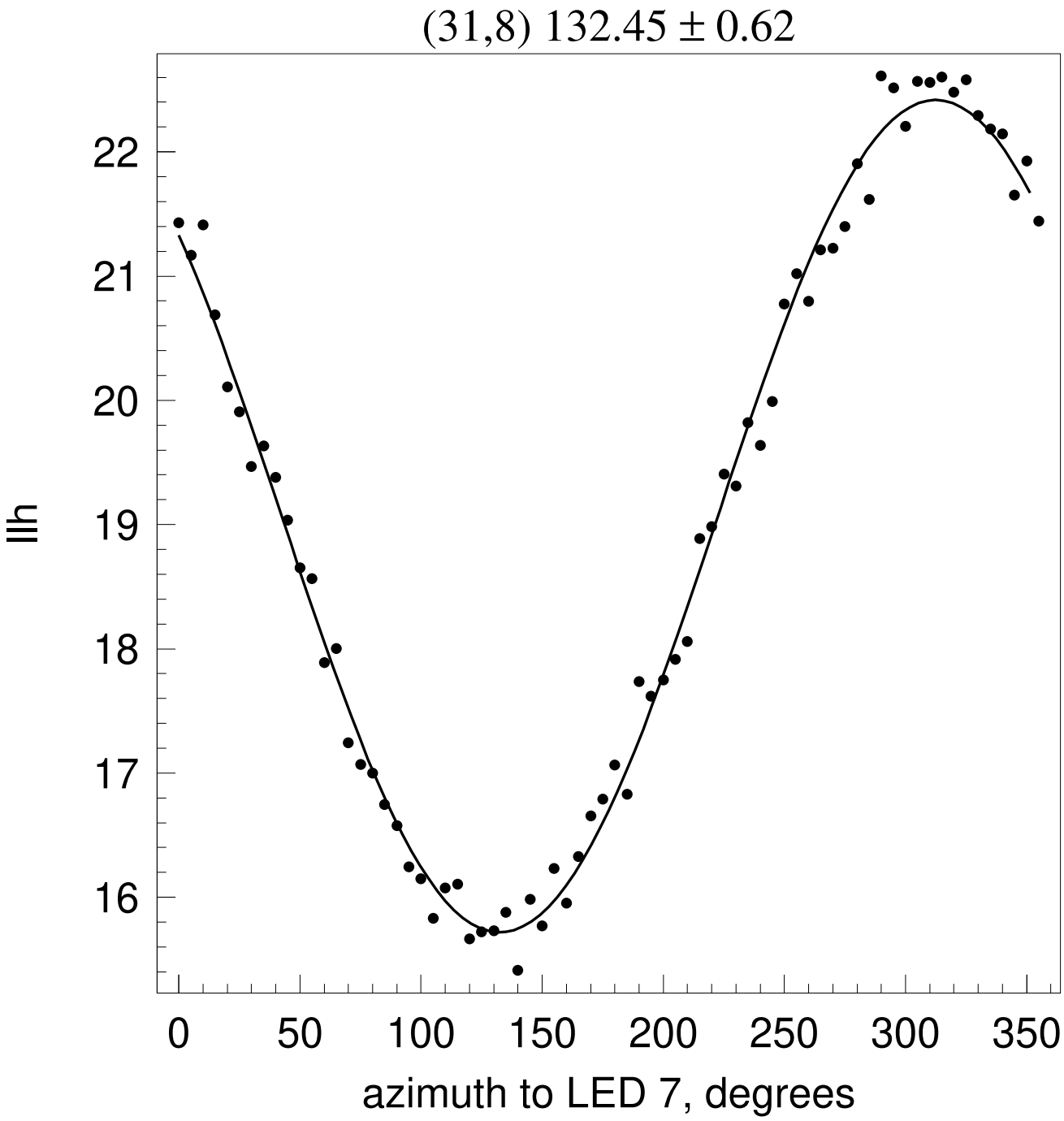

(31,3) 51.62 ± 0.20
llh
90
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

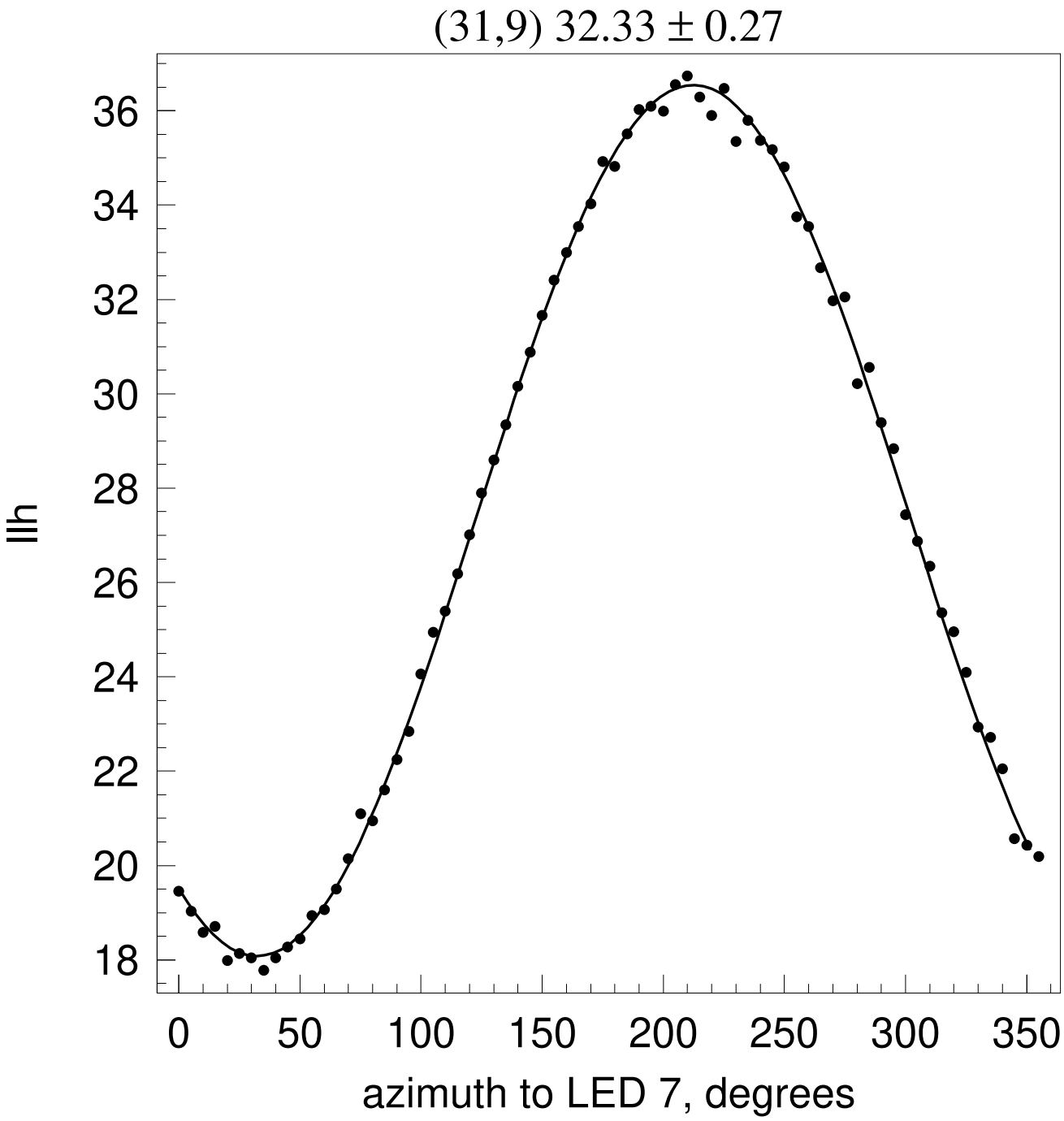

(31,4) 143.81 ± 0.24
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

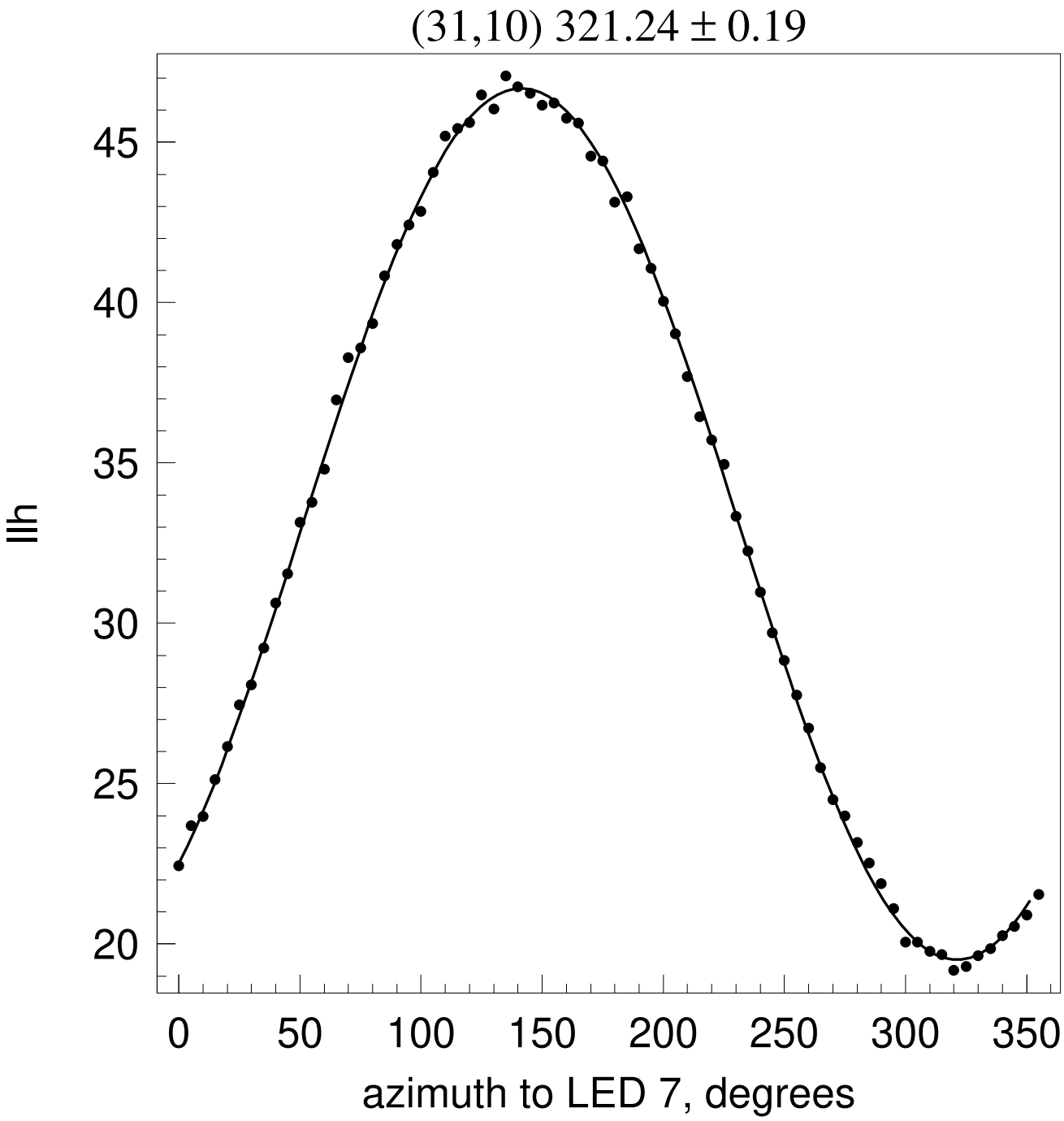

(31,5) 336.25 ± 0.28
llh
45
40
35
30
25
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

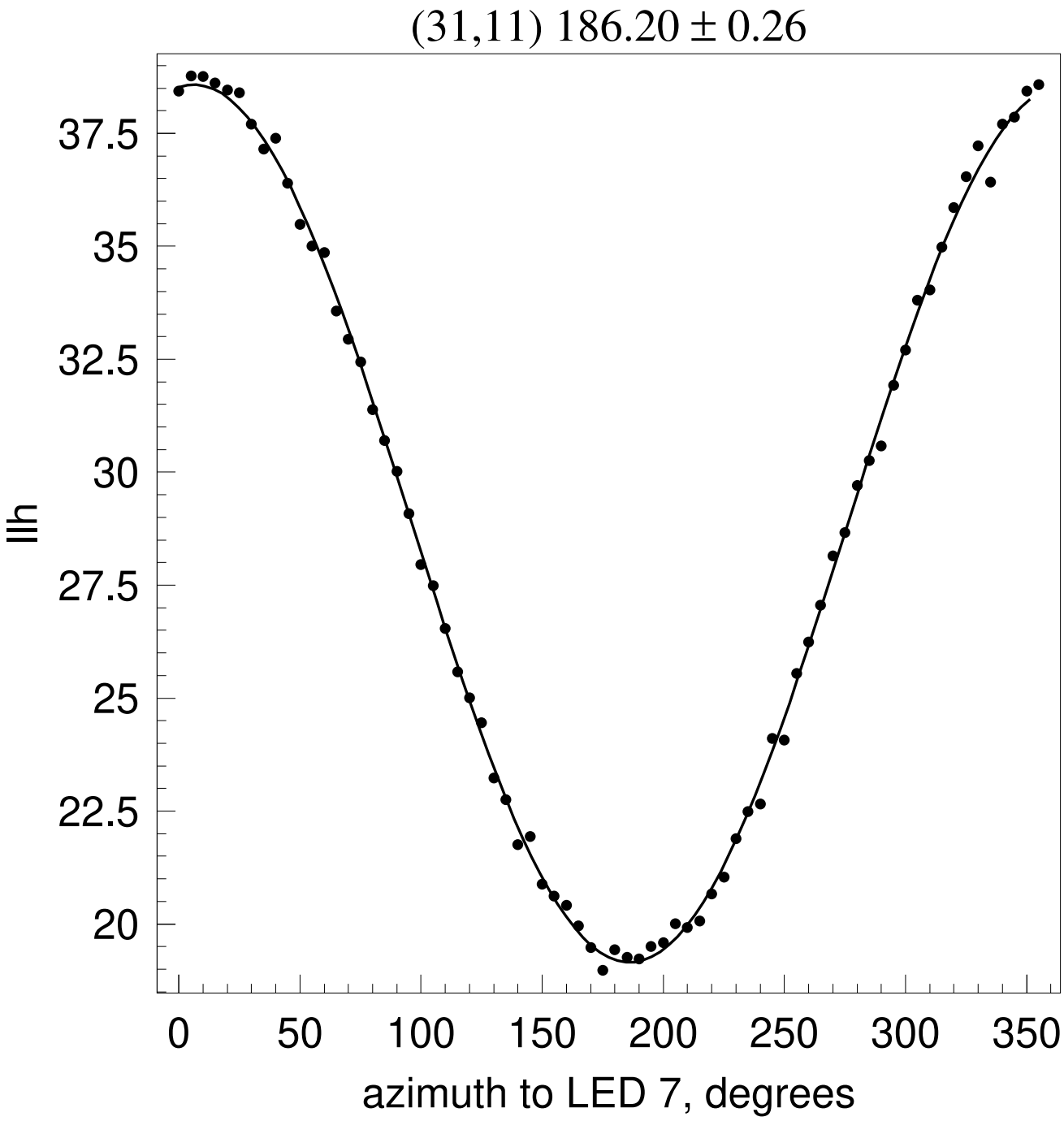

(31,6) 89.07 ± 0.74
26
25
24
23
22
21
20
19
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

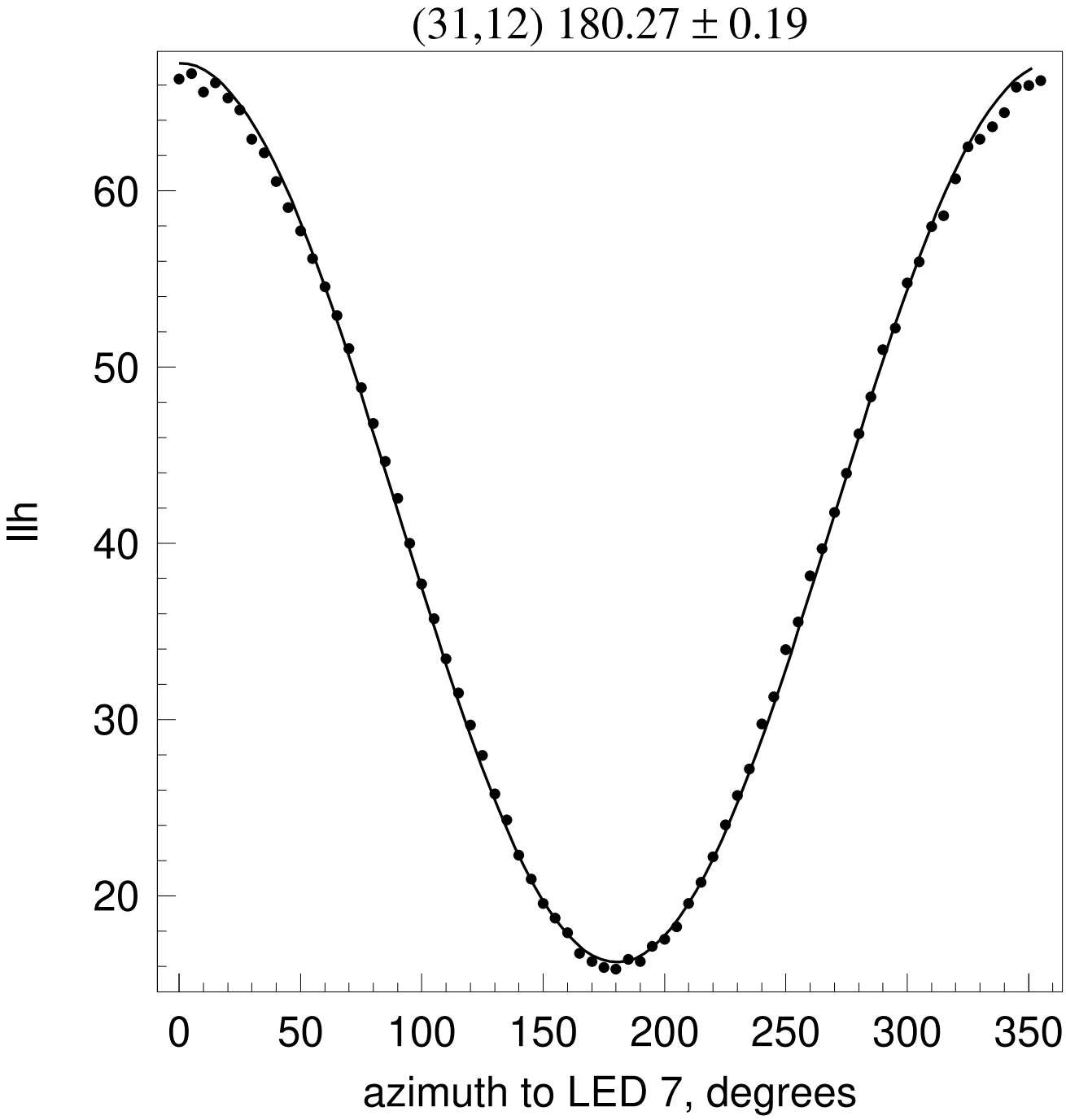

(31,7) 103.47 ± 0.49
30
29
28
27
26
25
24
23
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

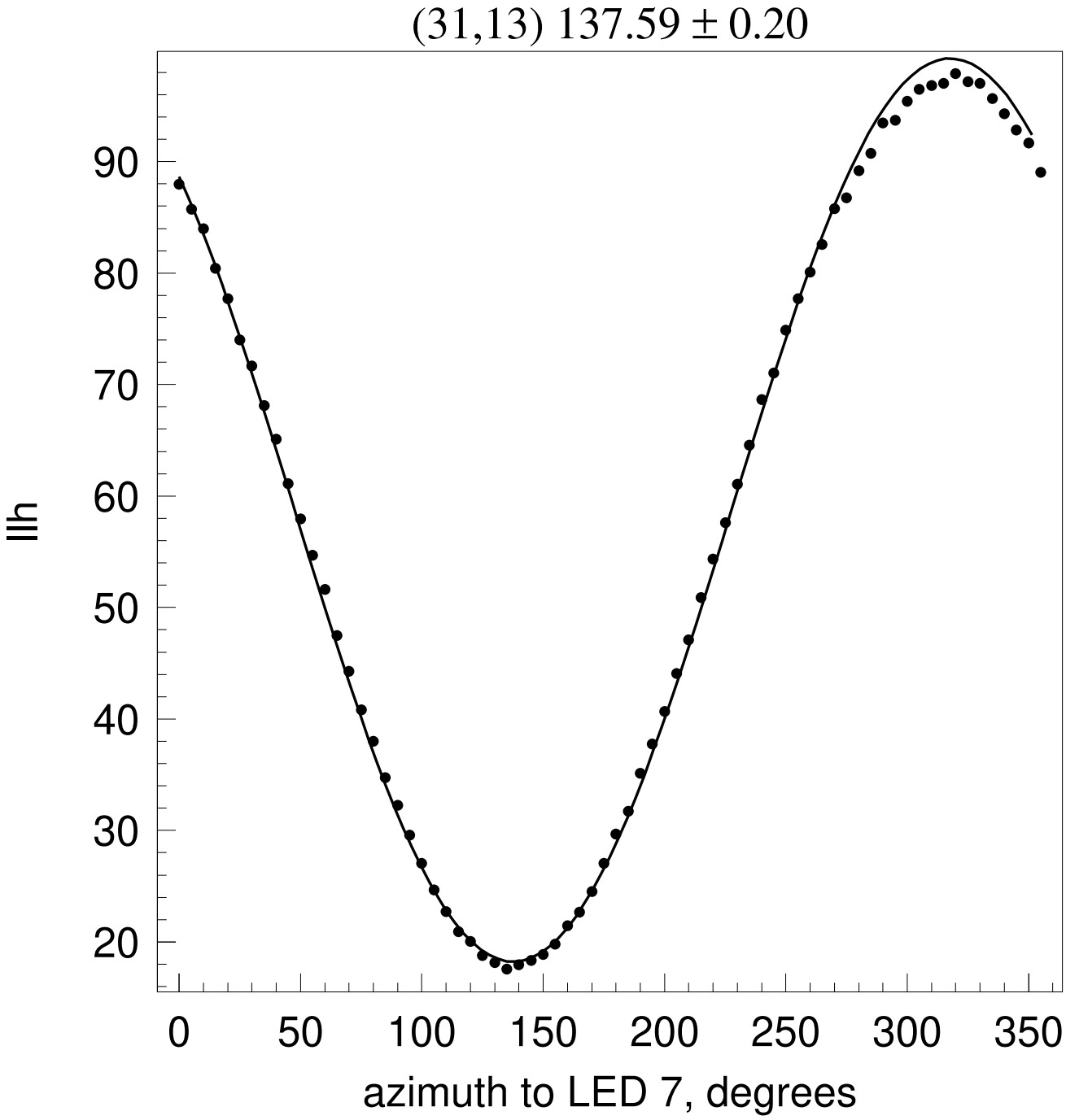

(31,8) 132.45 ± 0.62
22
21
20
19
18
17
16
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

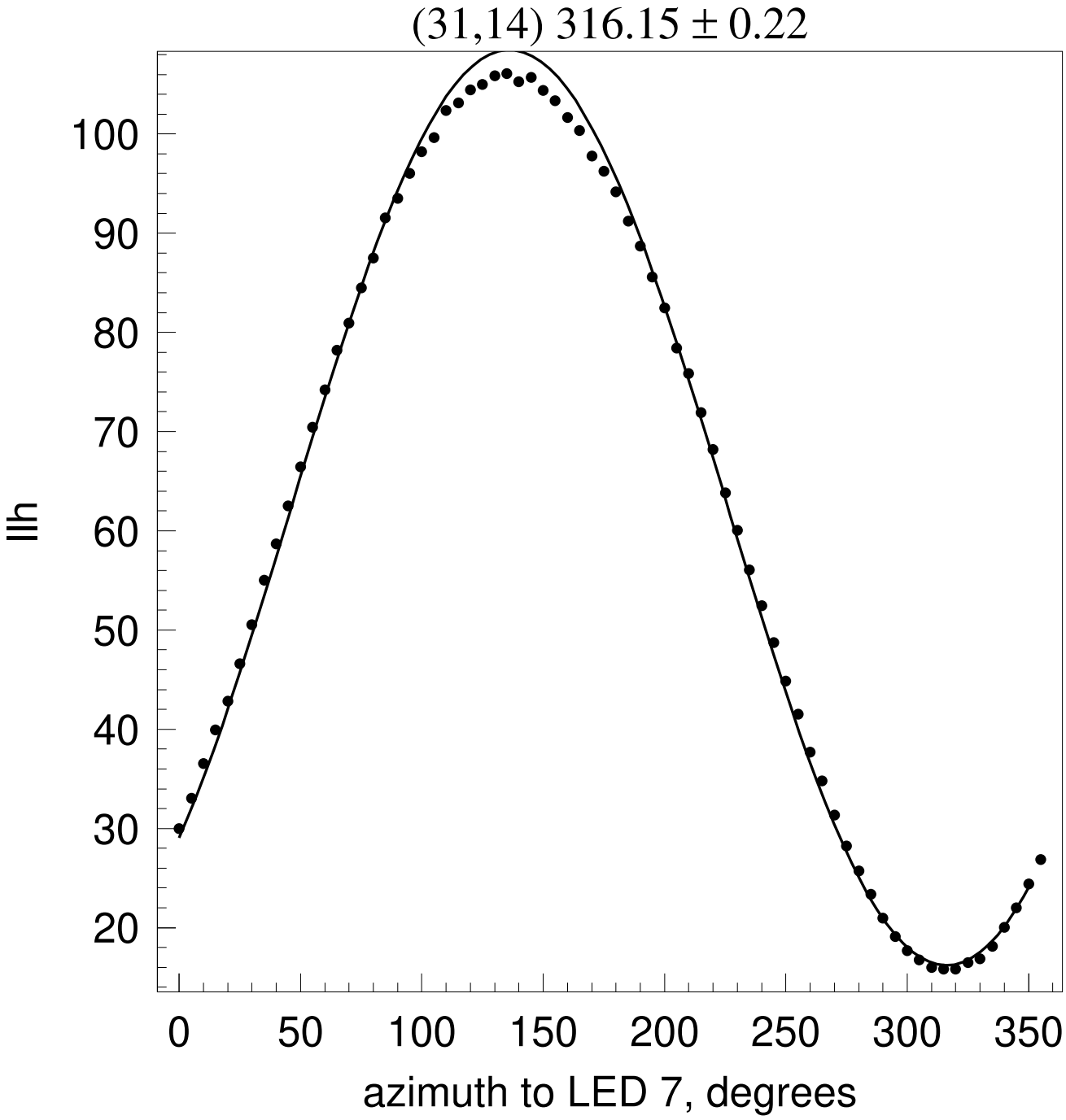

(31,9) 32.33 ± 0.27
36
34
32
30
28
26
24
22
20
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

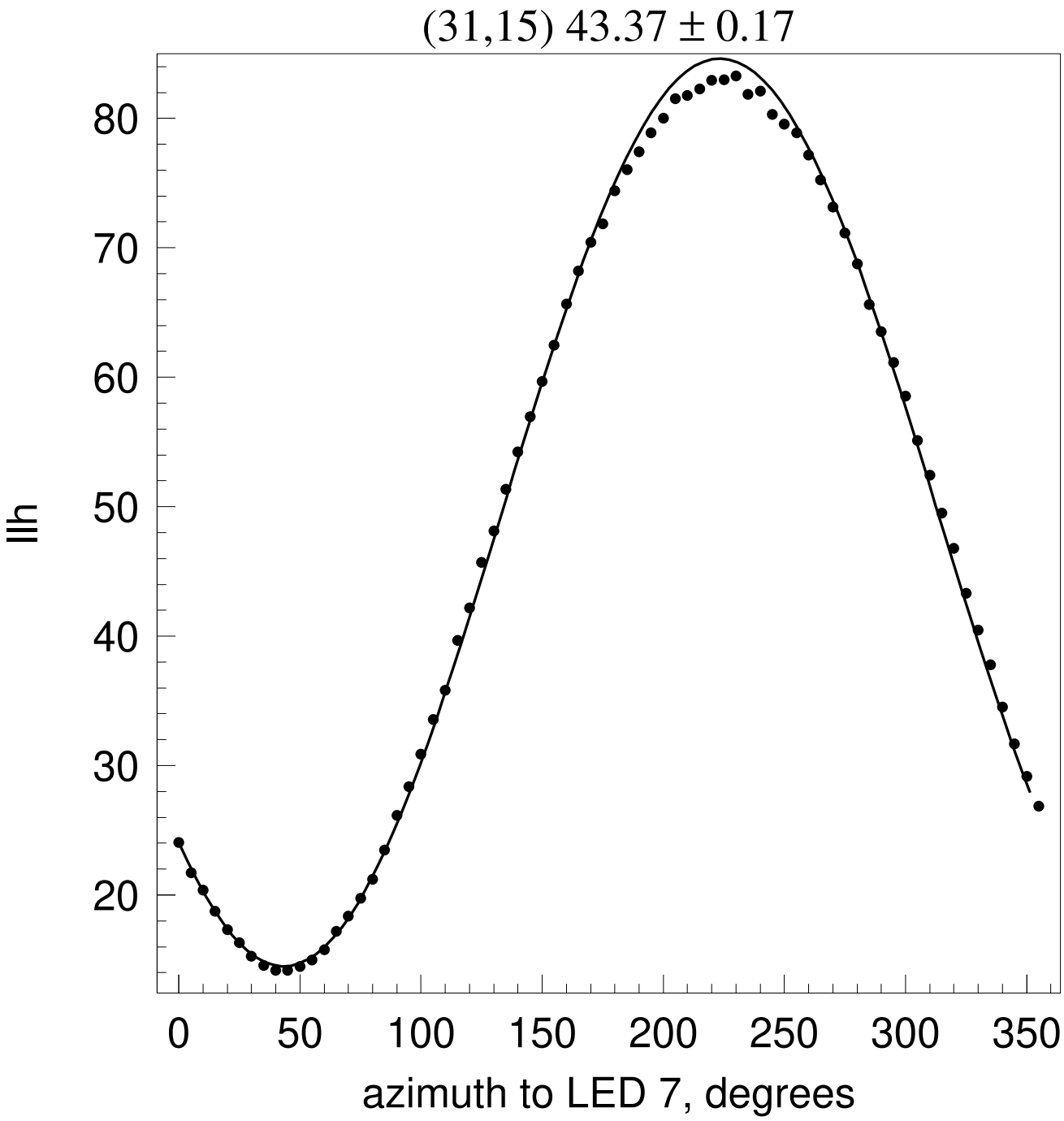

(31,10) 321.24 ± 0.19
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

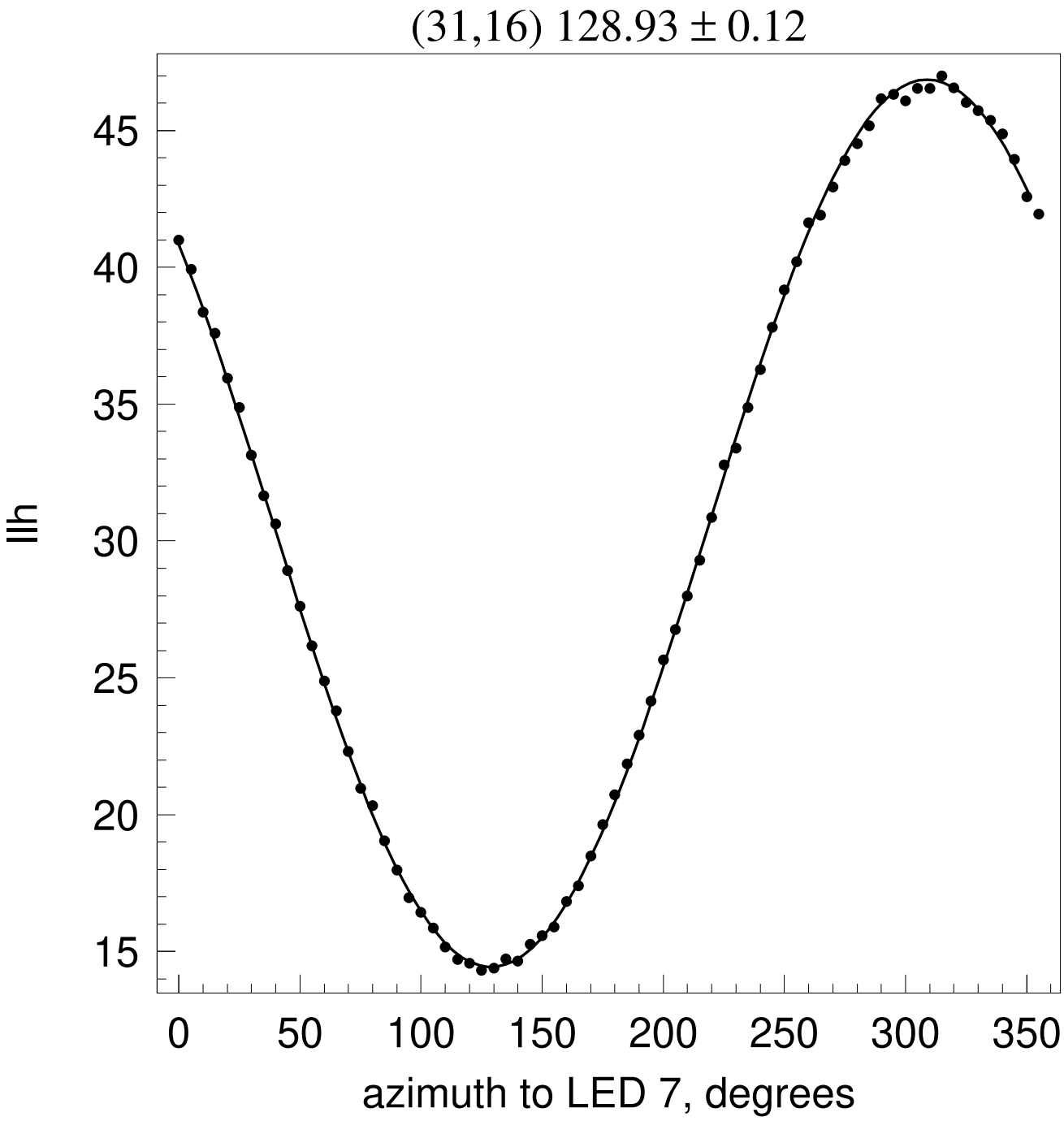

(31,11) 186.20 ± 0.26
37.5
35
32.5
30
27.5
25
22.5
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

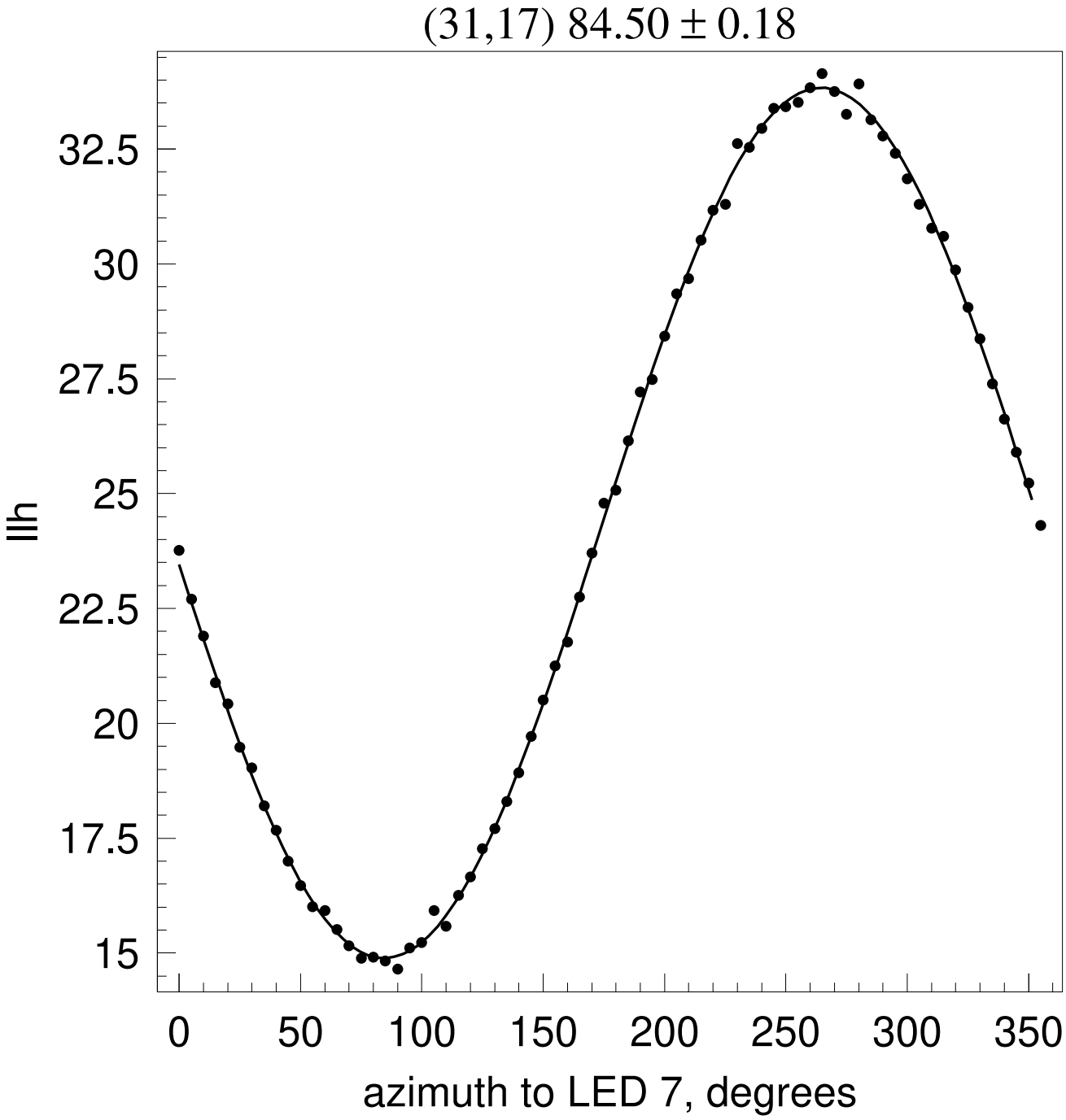

(31,12) 180.27 ± 0.19
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

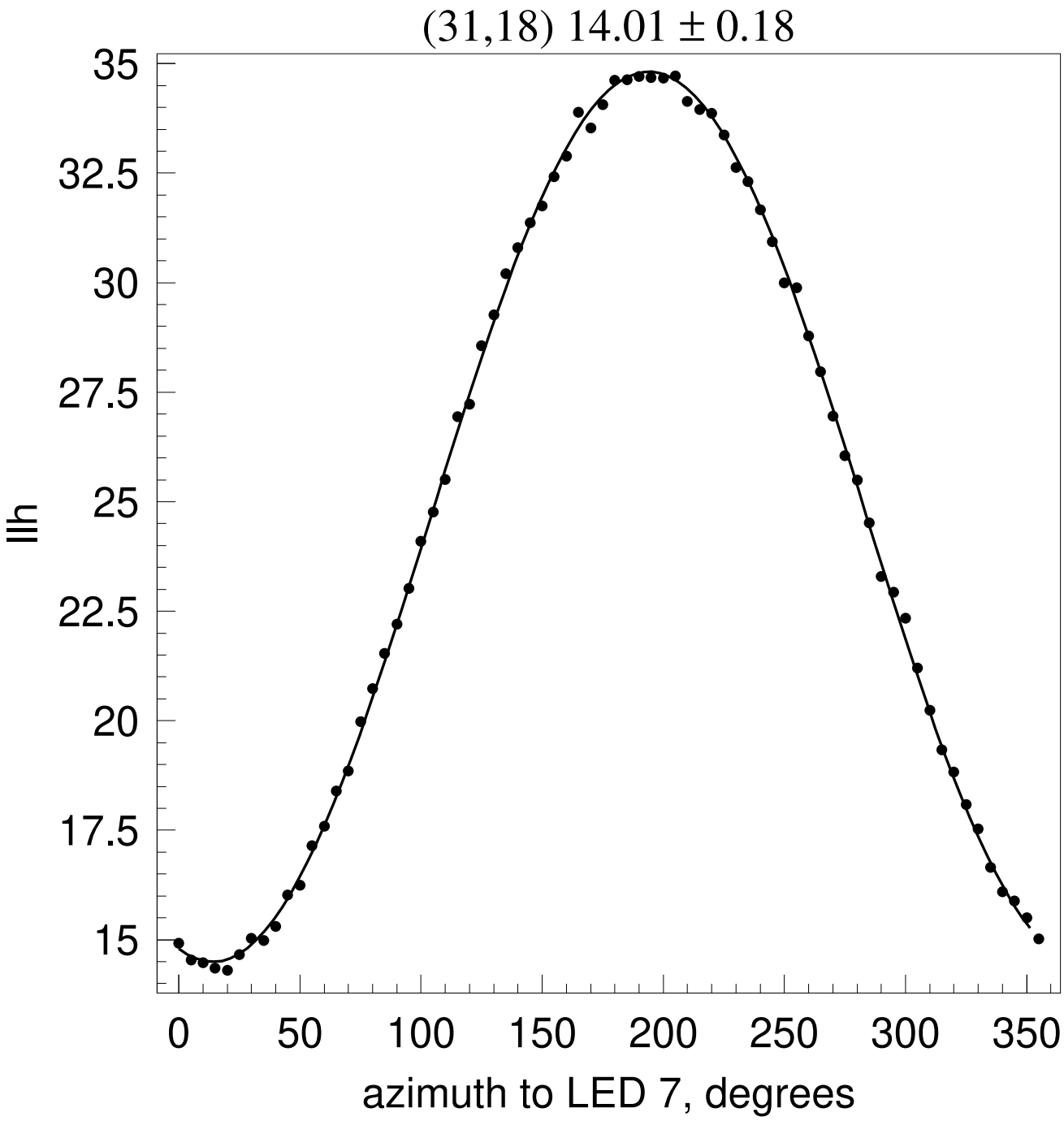

(31,13) 137.59 ± 0.20
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

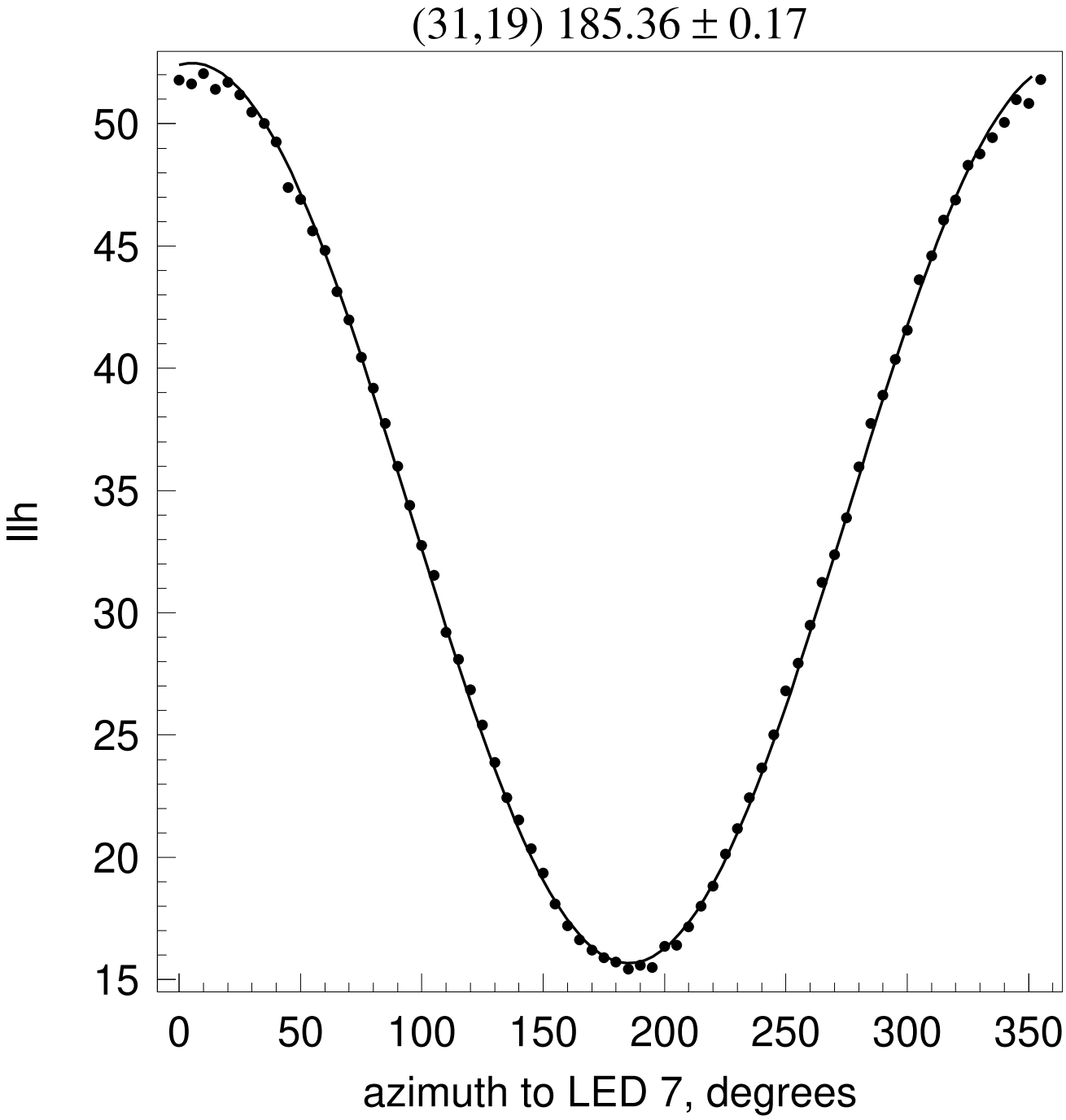

(31,14) 316.15 ± 0.22
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

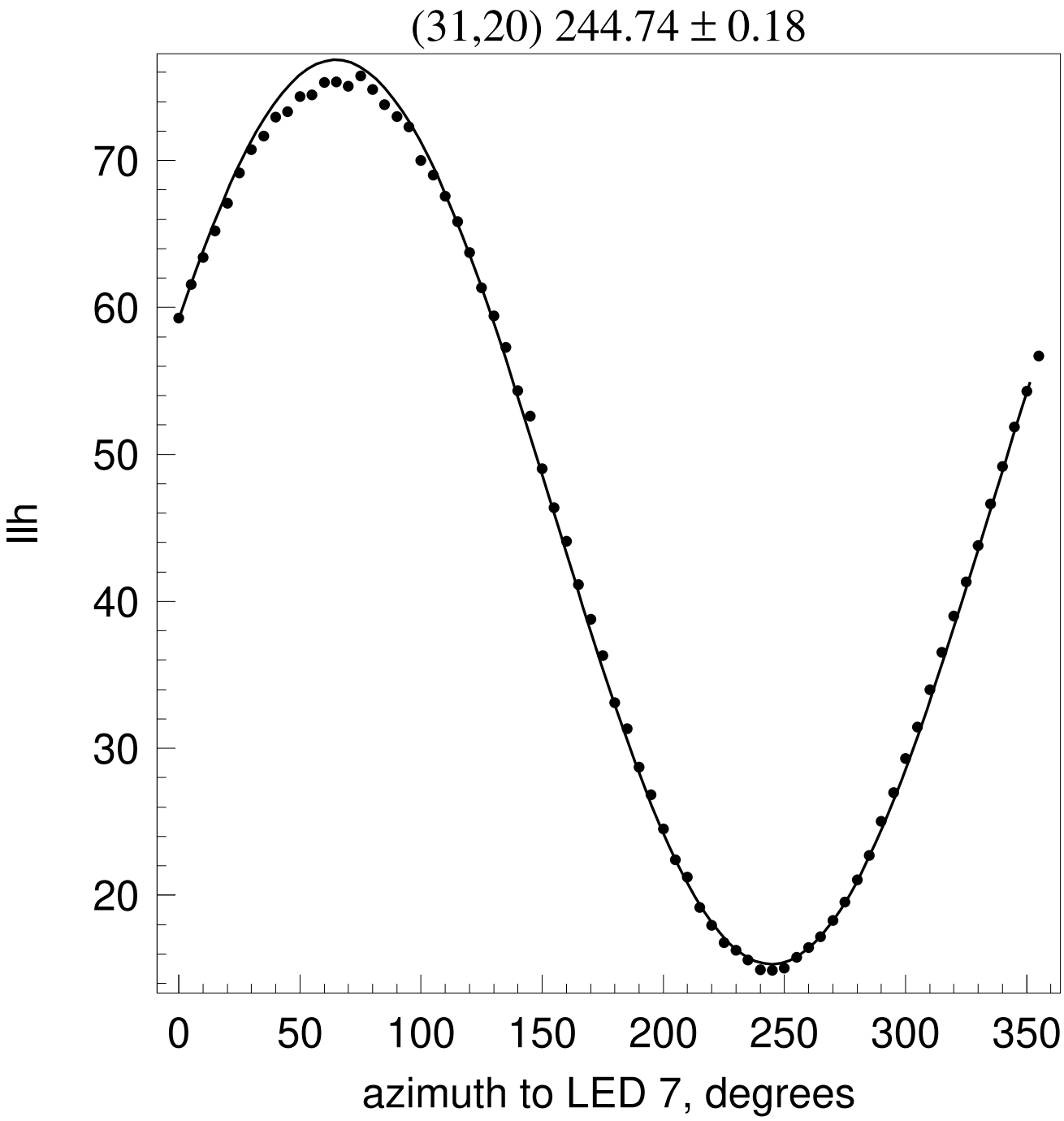

(31,15) 43.37 ± 0.17
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

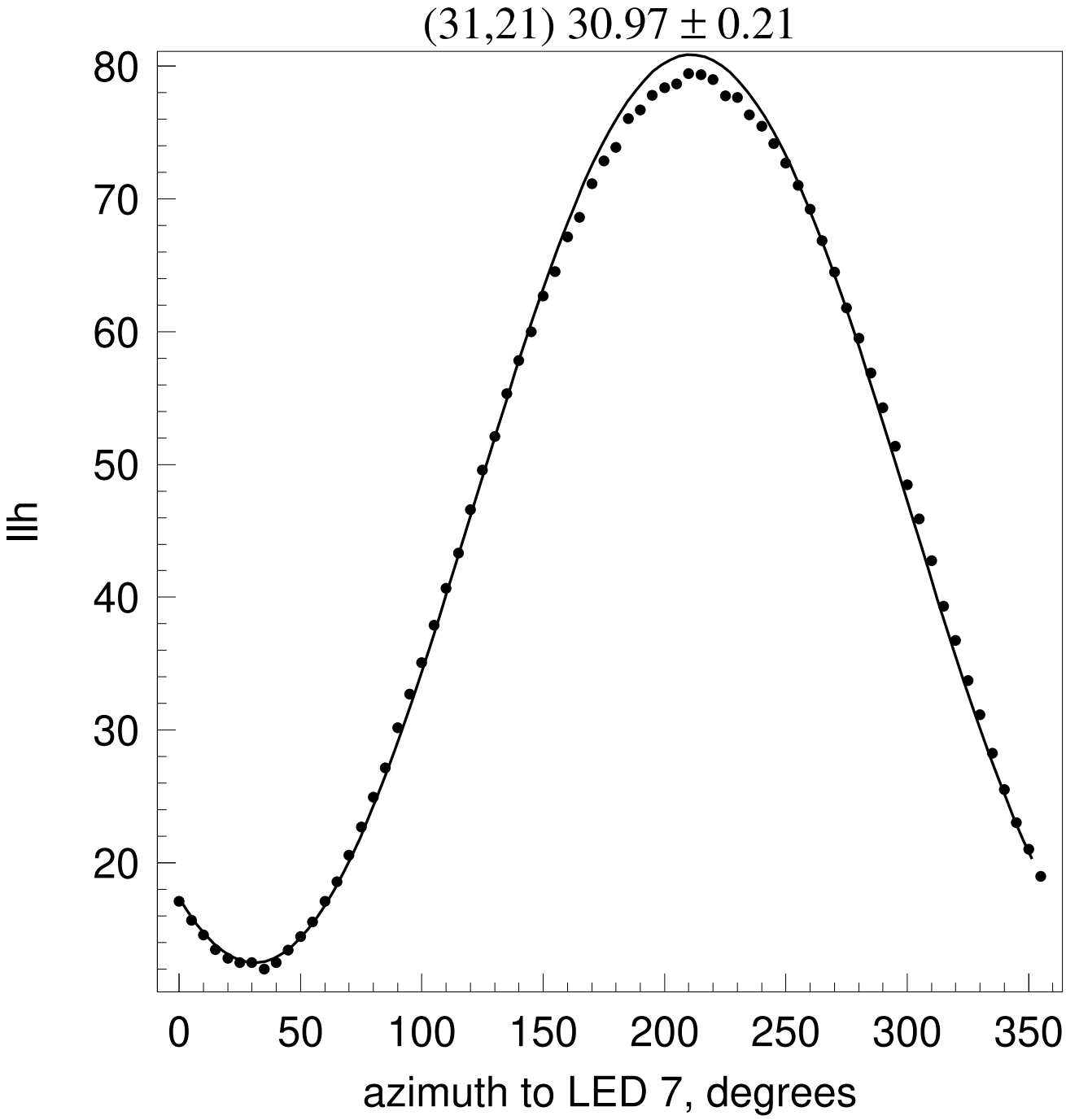

(31,16) 128.93 ± 0.12
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

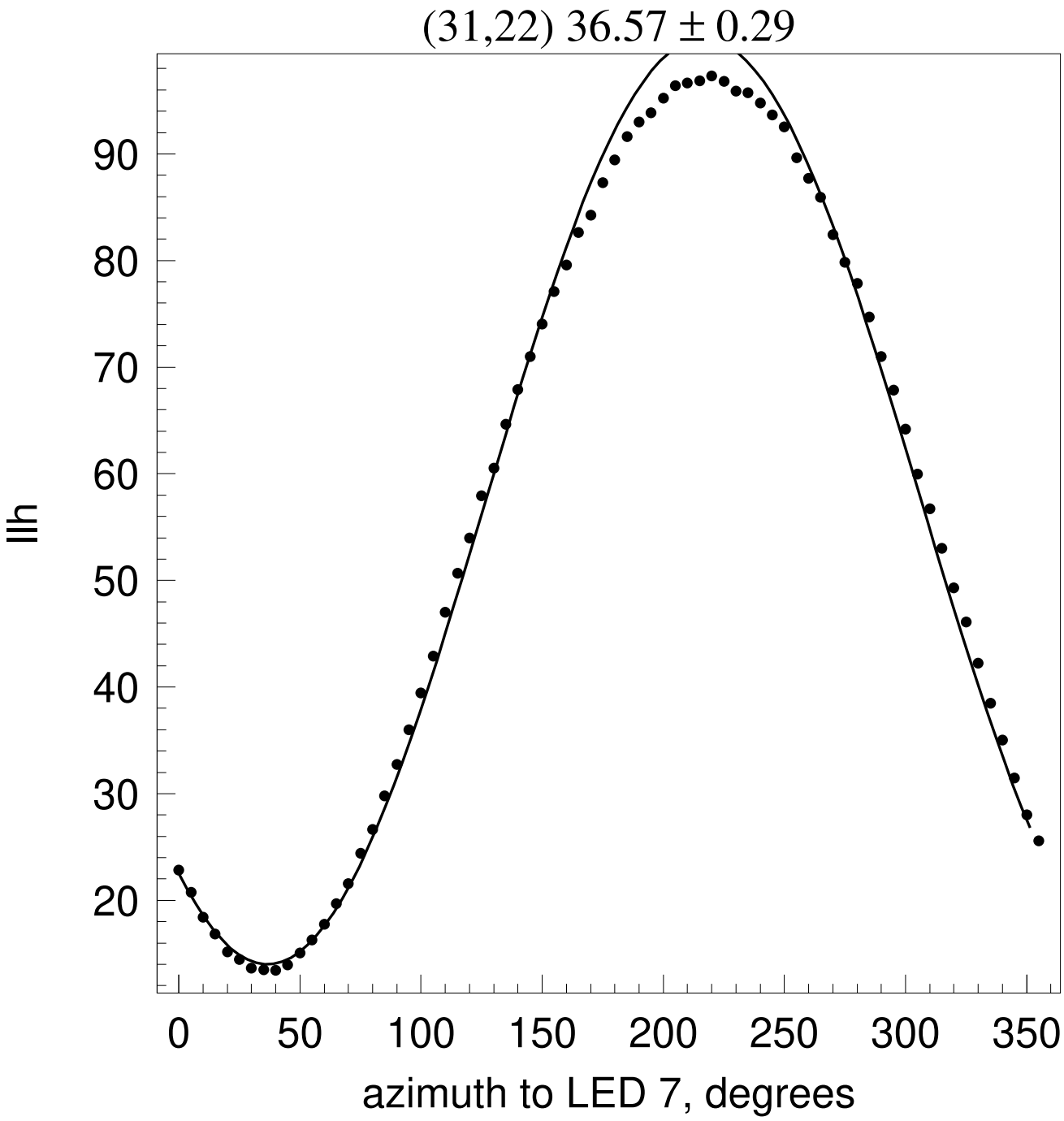

(31,17) 84.50 ± 0.18
32.5
30
27.5
25
22.5
20
17.5
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

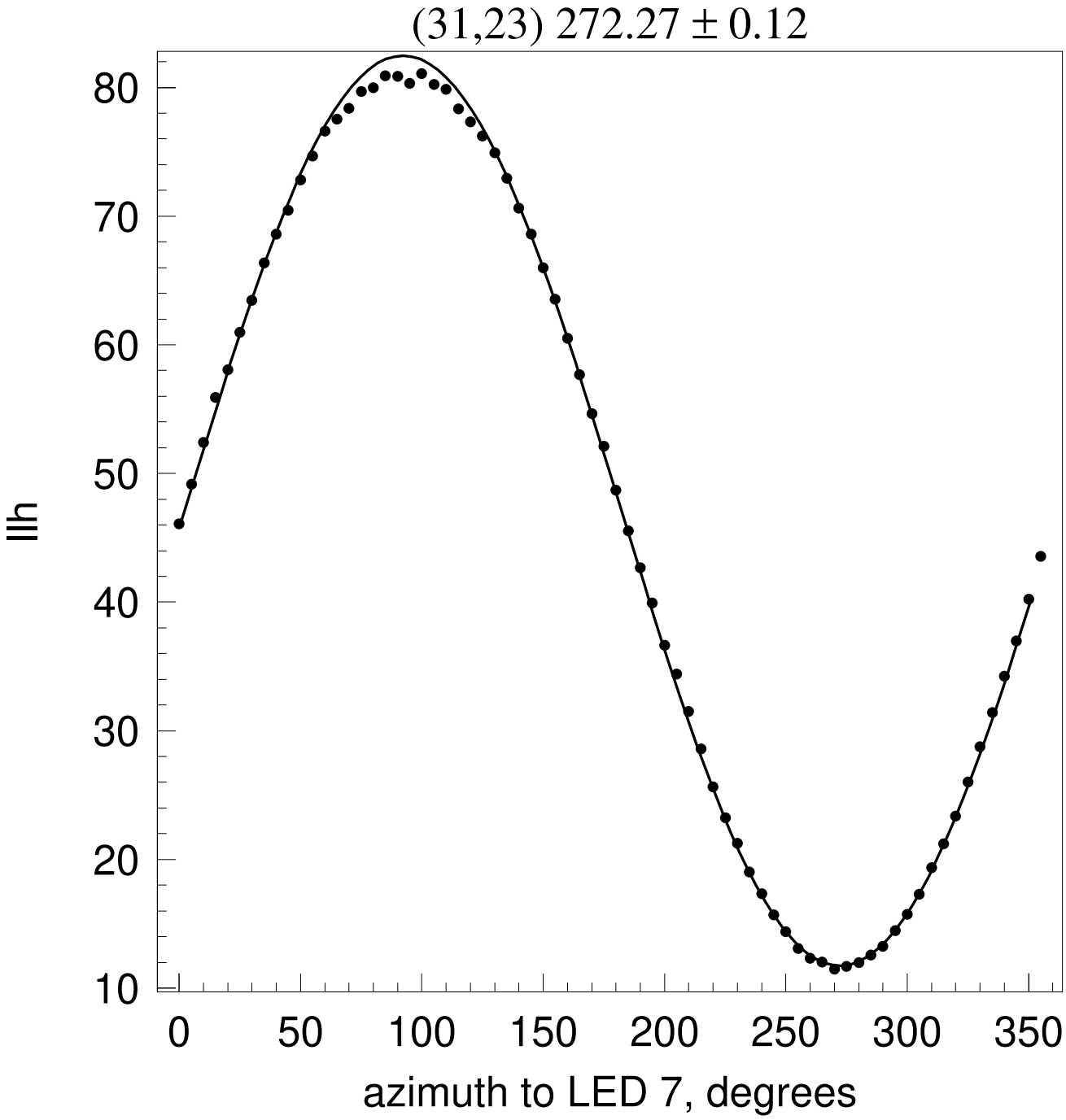

(31,18) 14.01 ± 0.18
35
32.5
30
27.5
25
22.5
20
17.5
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

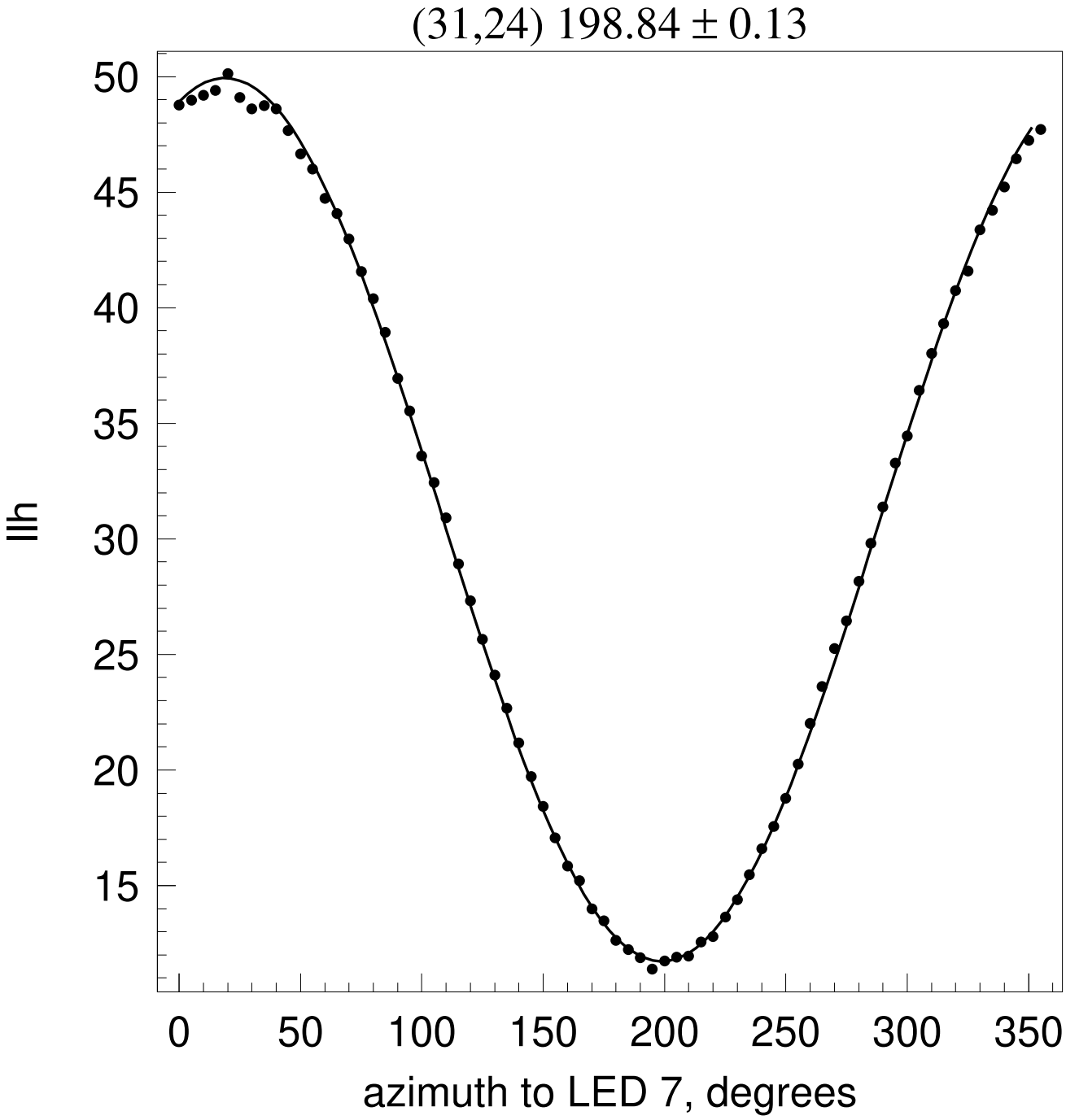

(31,19) 185.36 ± 0.17
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

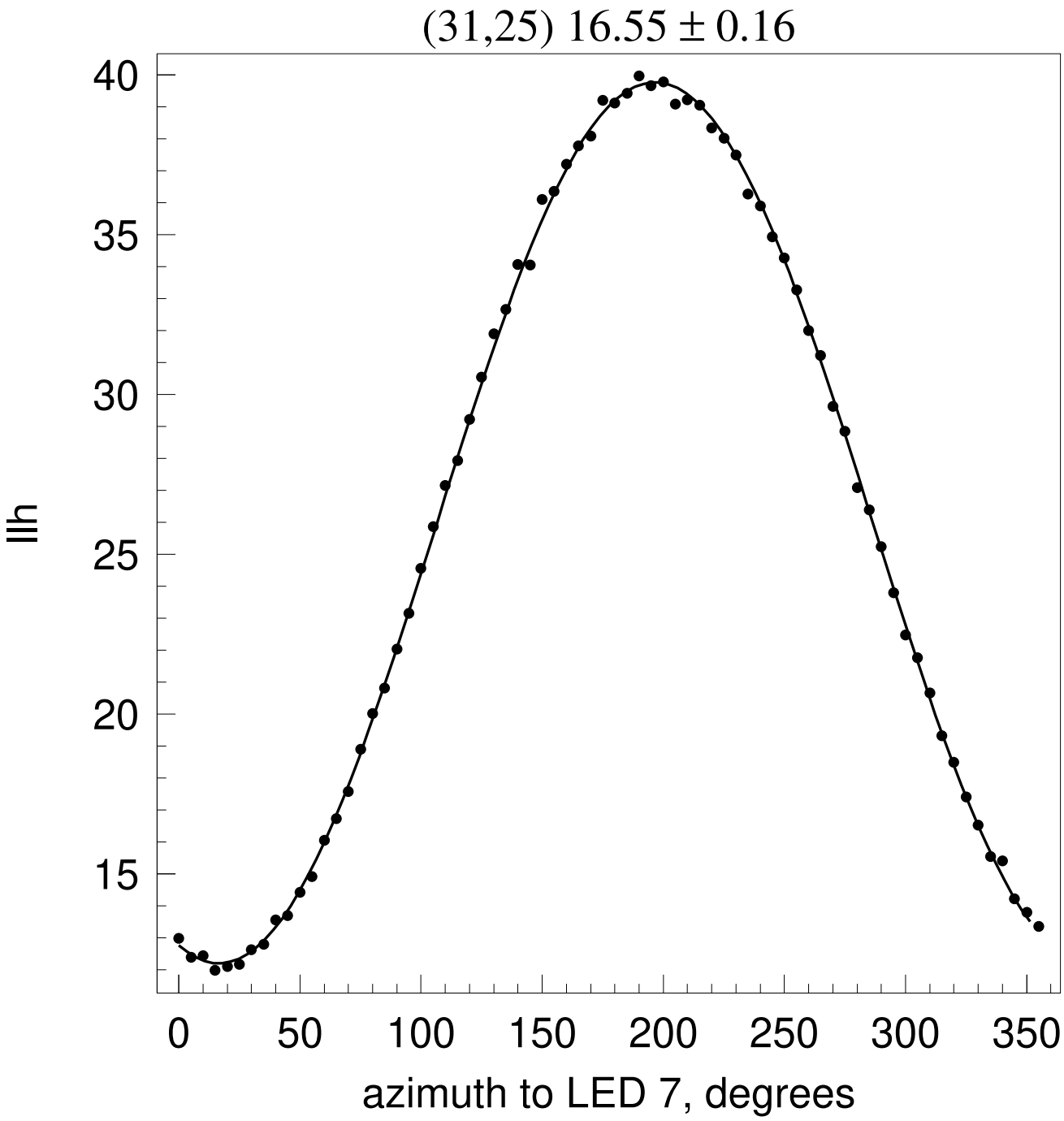

(31,20) 244.74 ± 0.18
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

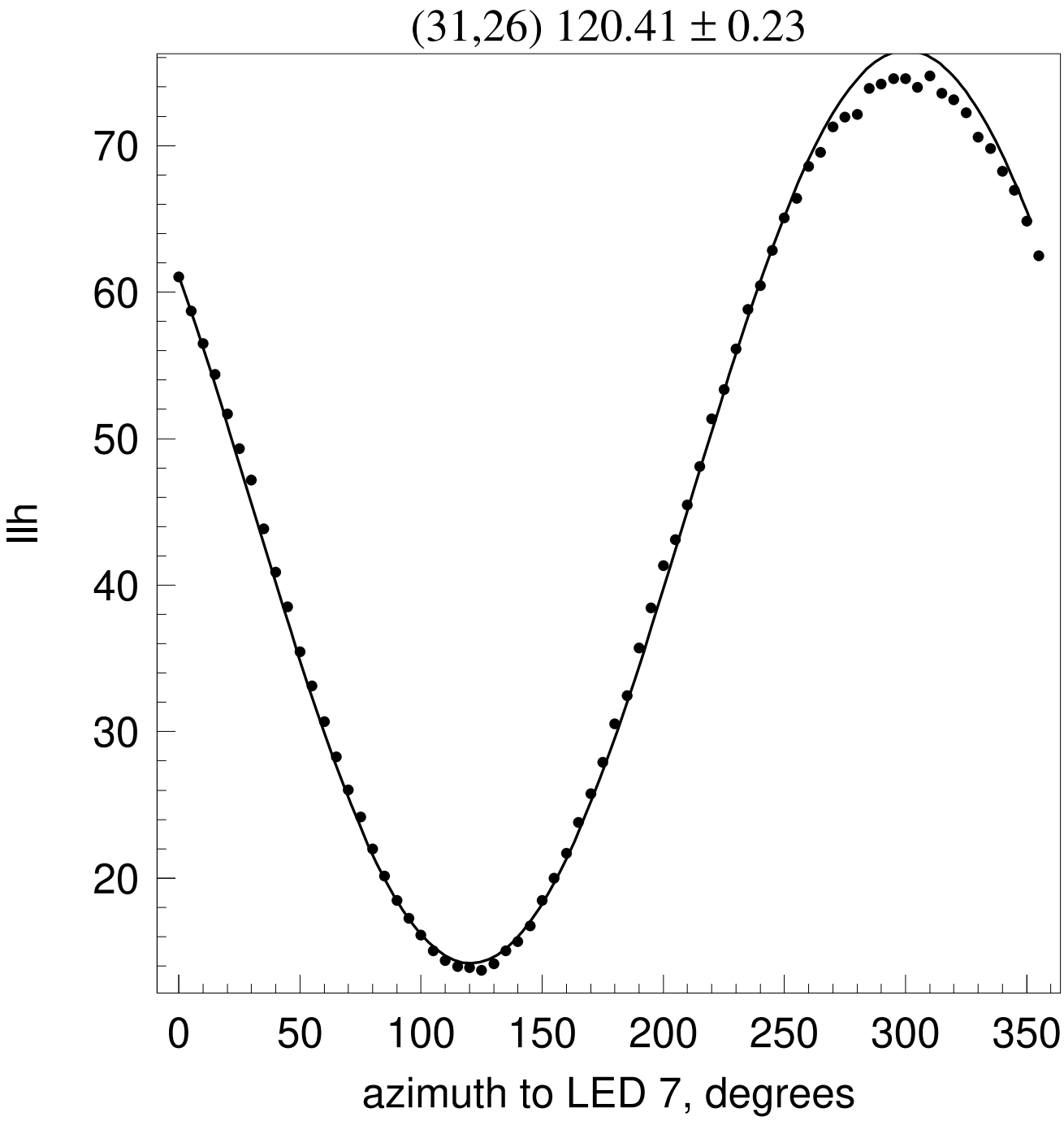

(31,21) 30.97 ± 0.21
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

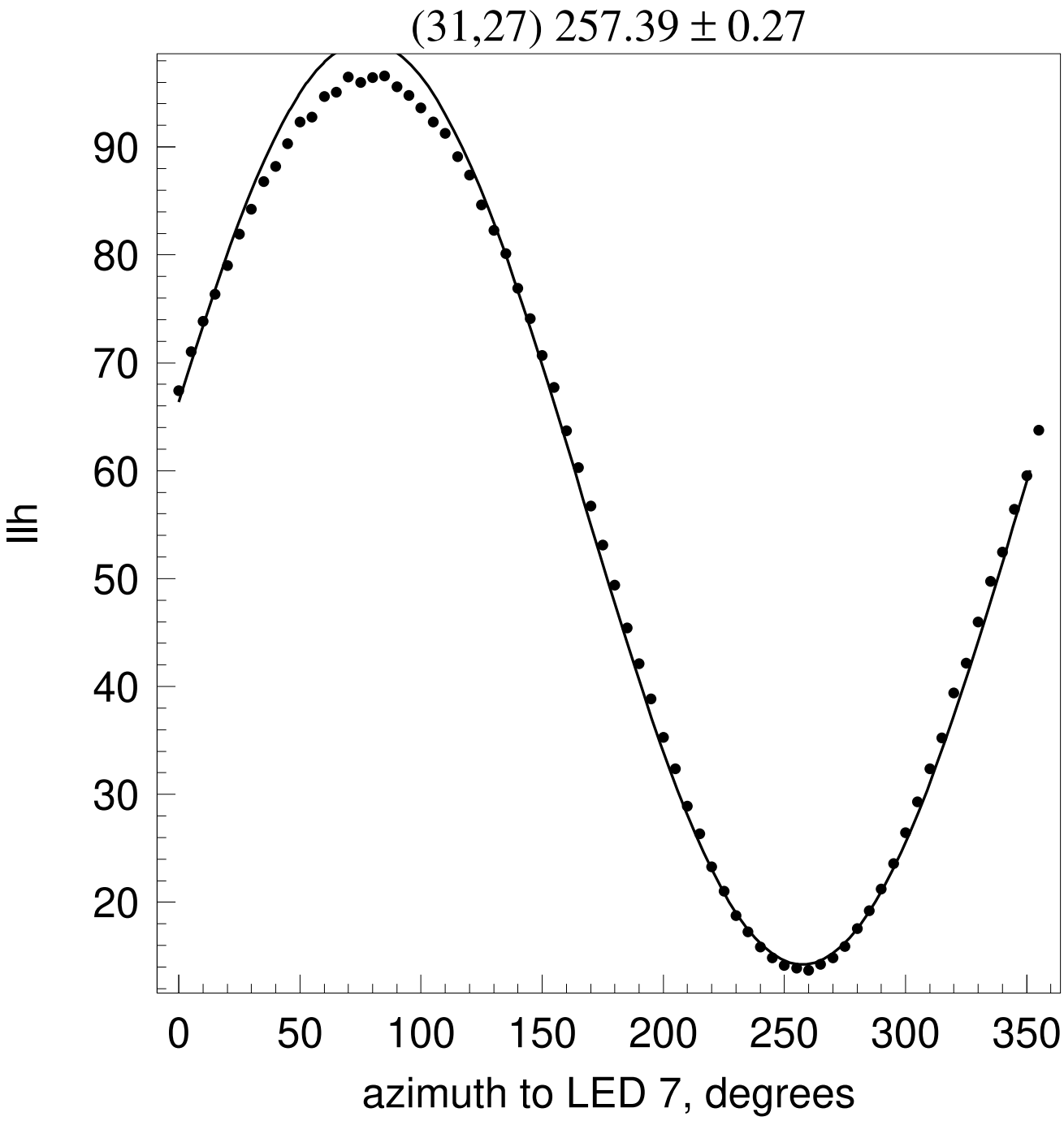

(31,22) 36.57 ± 0.29
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

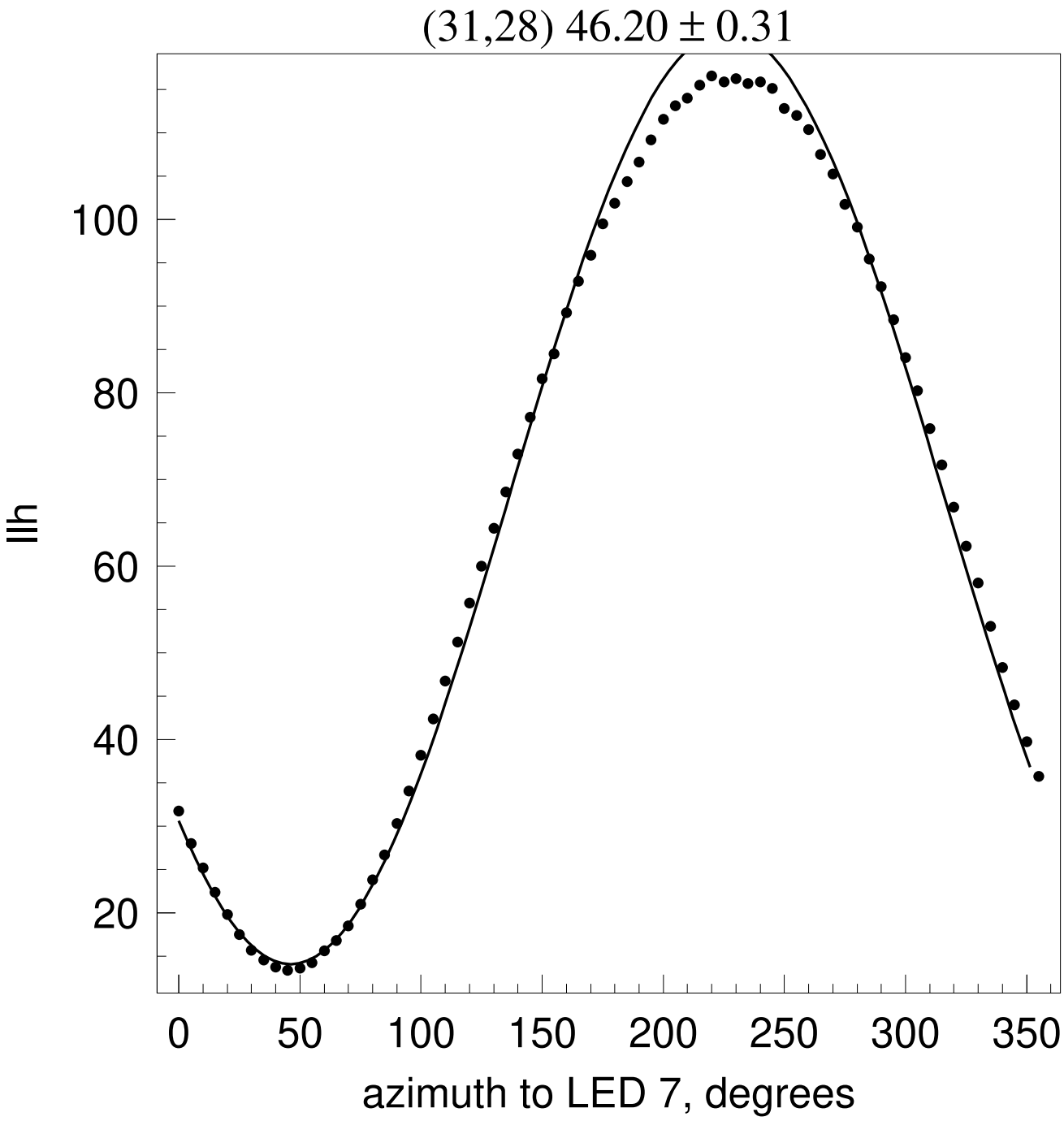

(31,23) 272.27 ± 0.12
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

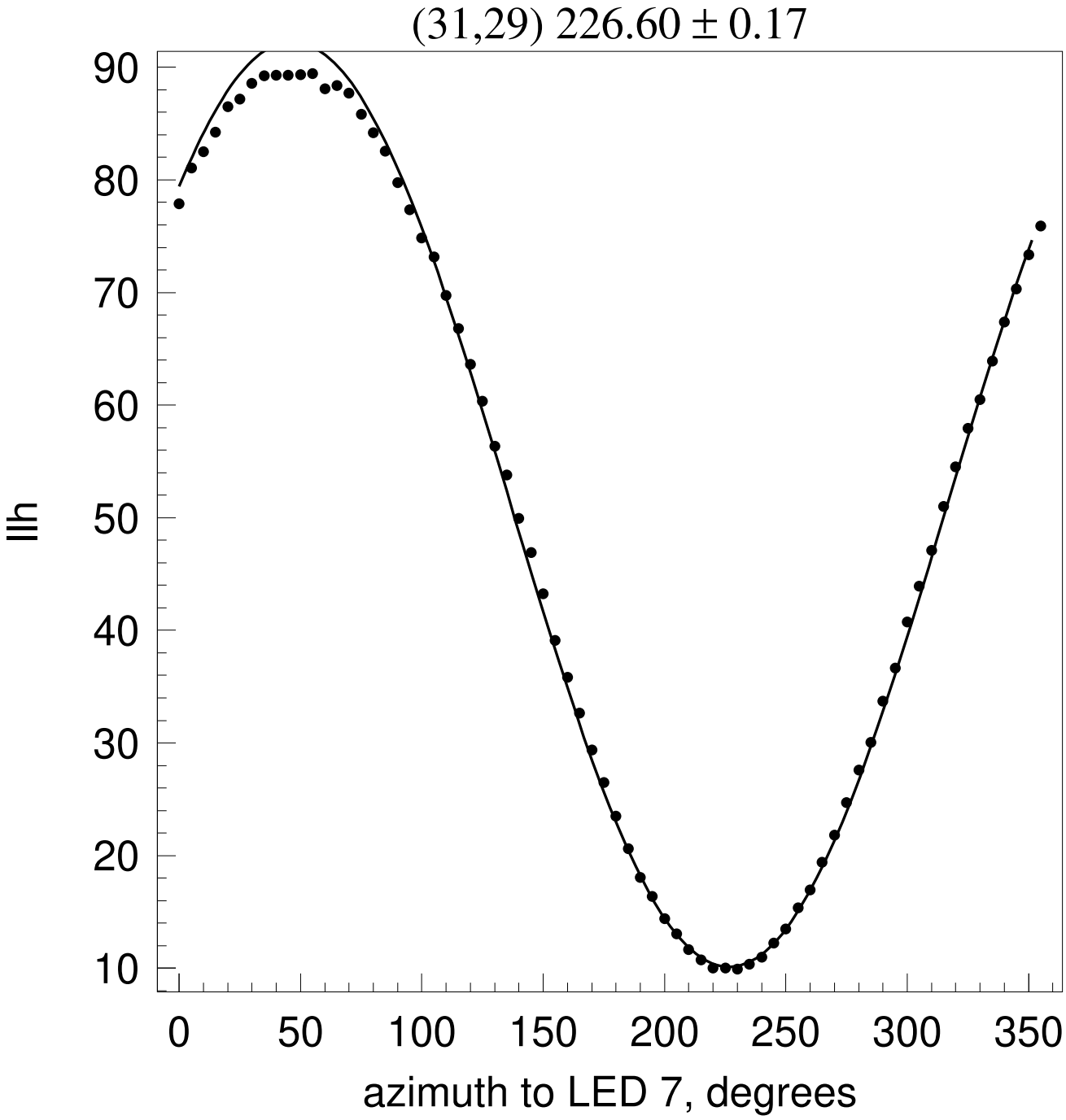

(31,24) 198.84 ± 0.13
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

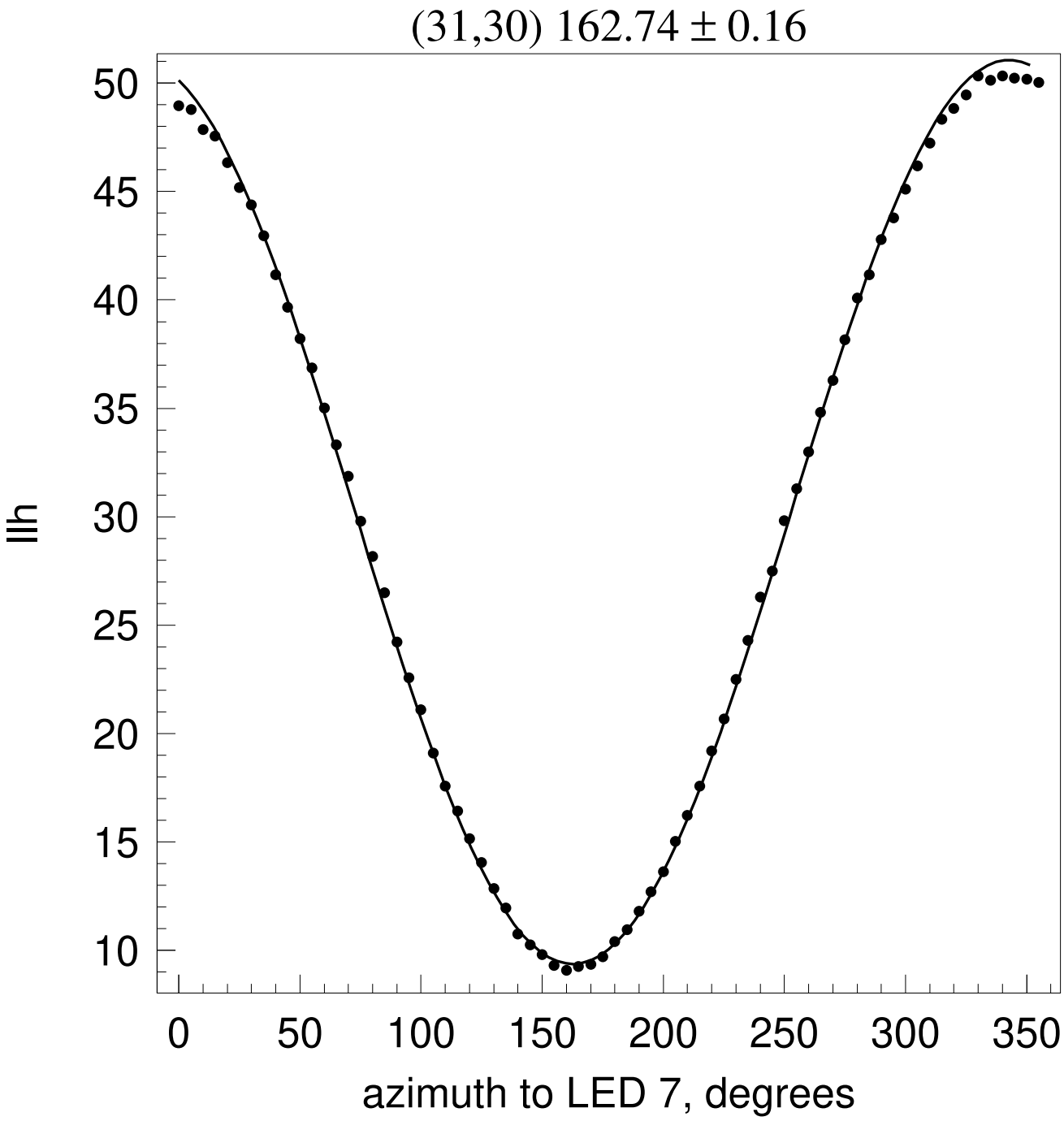

(31,25) 16.55 ± 0.16
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

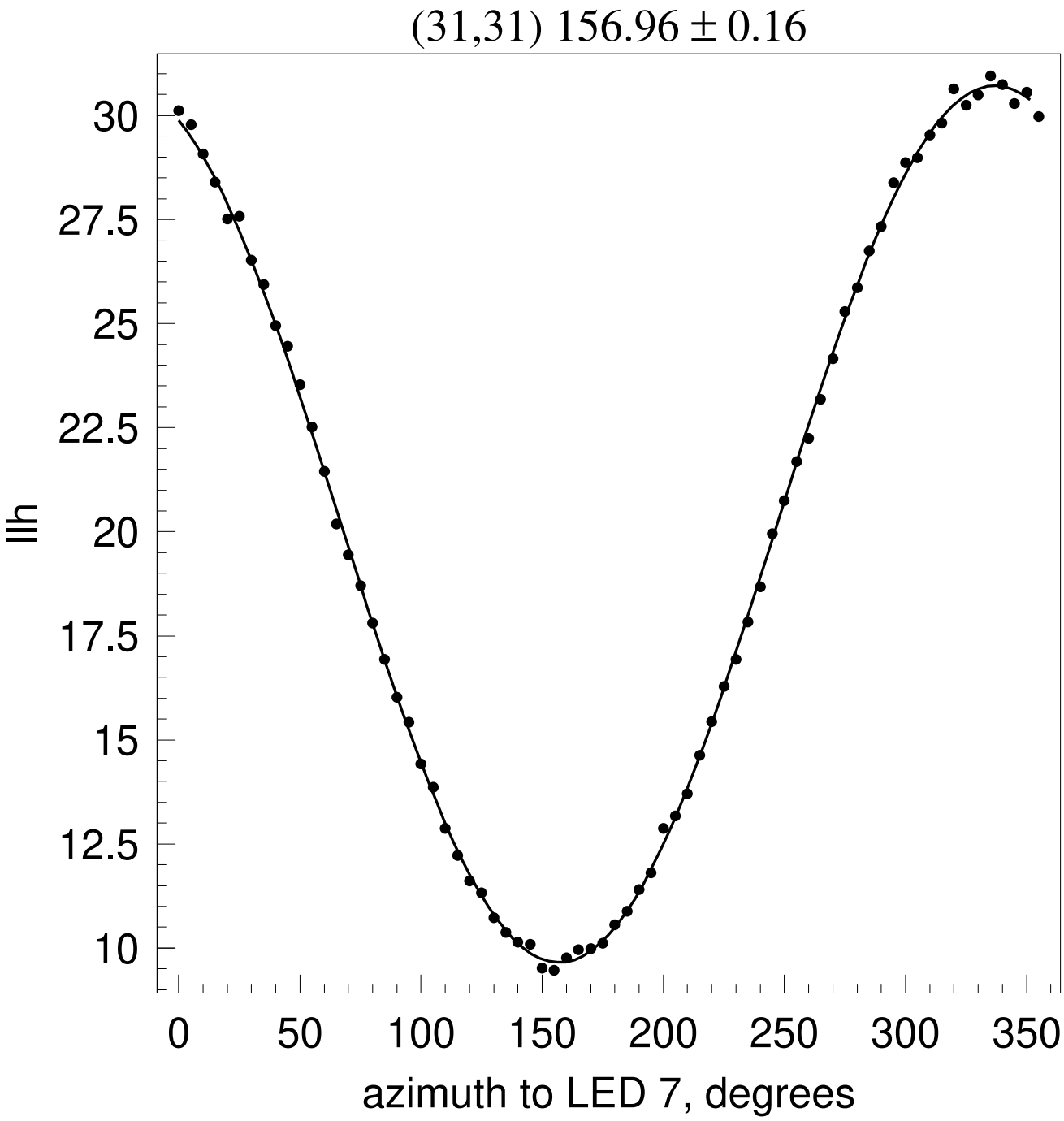

(31,26) 120.41 ± 0.23
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

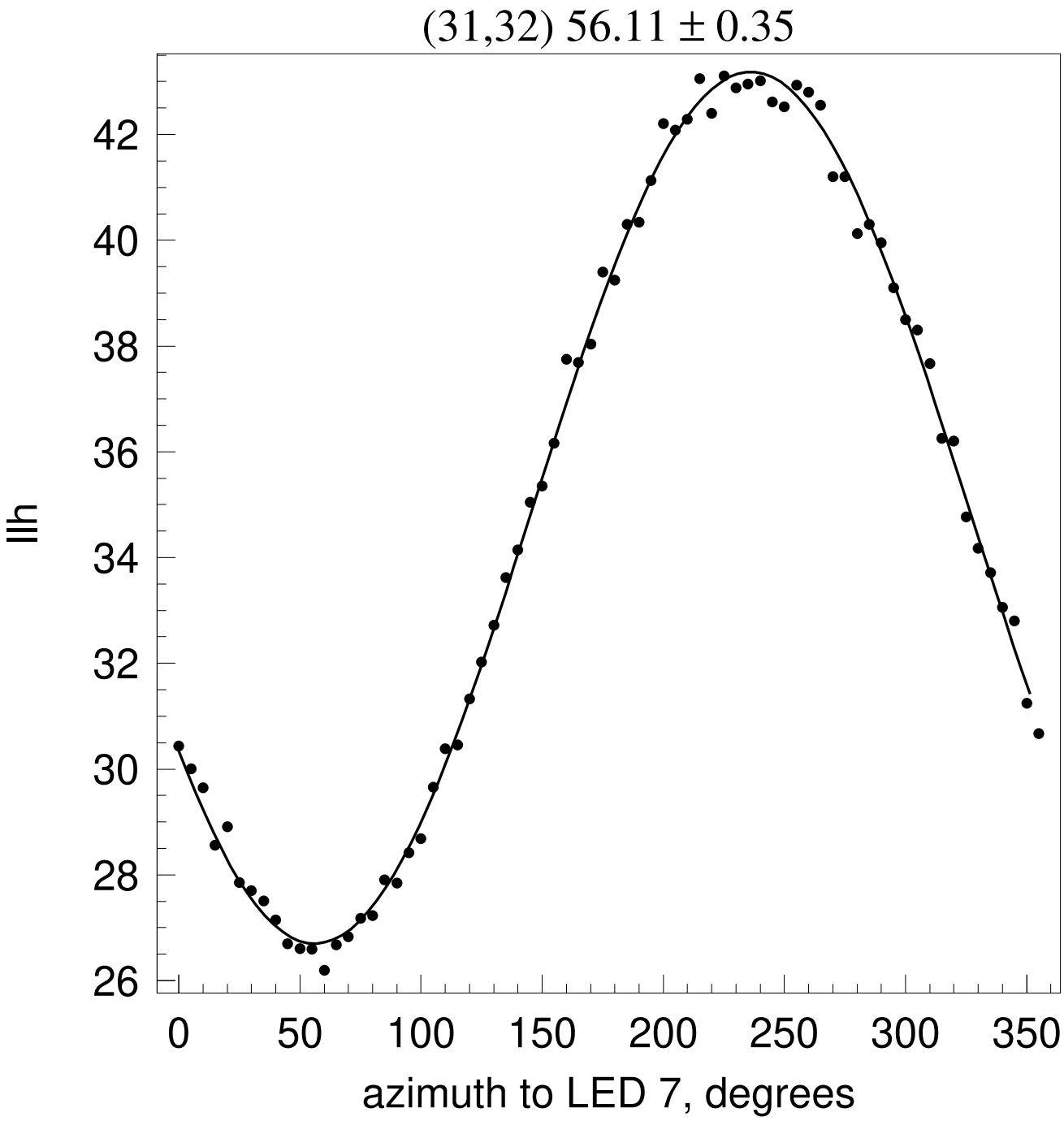

(31,27) 257.39 ± 0.27
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

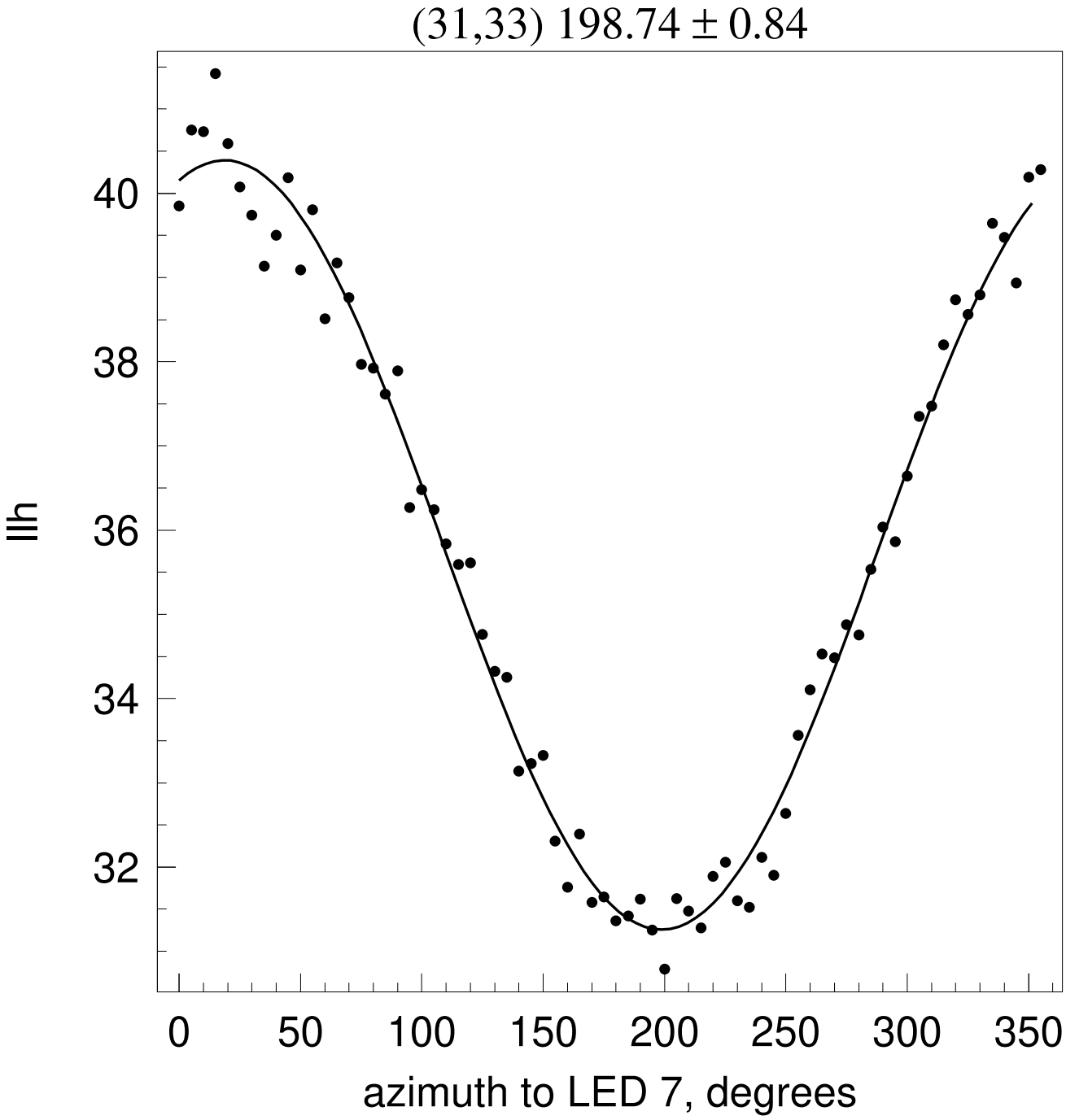

(31,28) 46.20 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

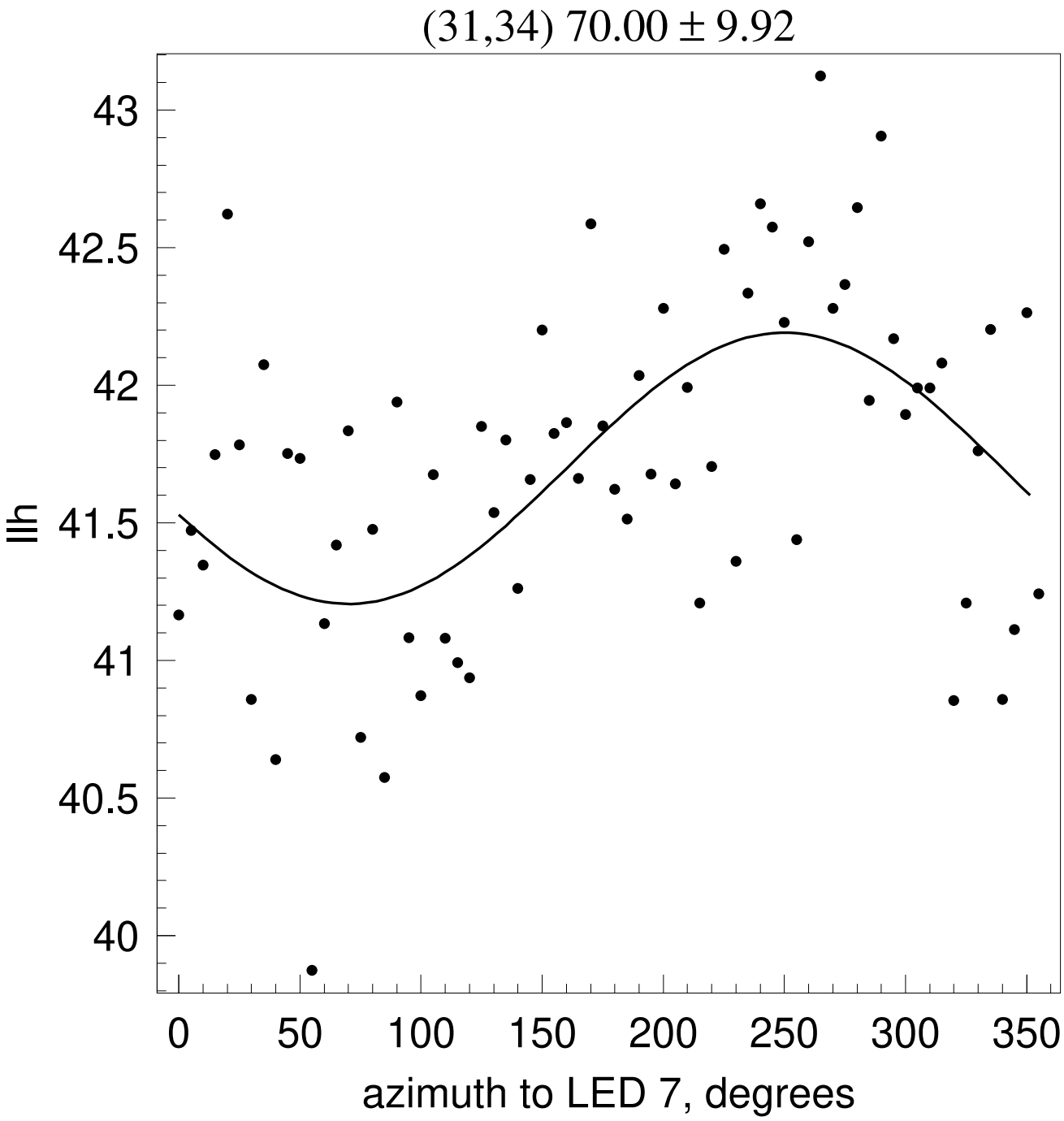

(31,29) 226.60 ± 0.17
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

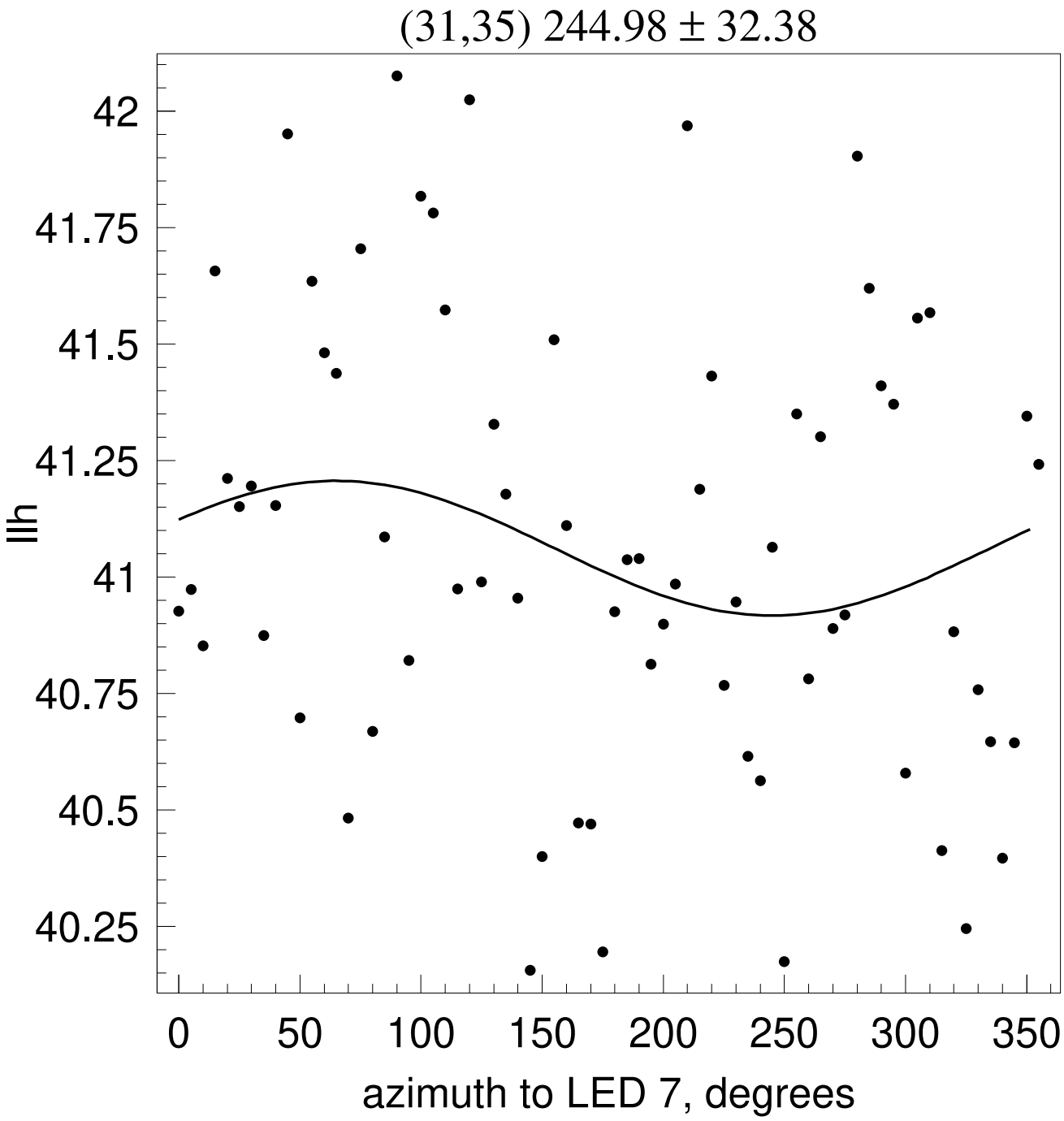

(31,30) 162.74 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

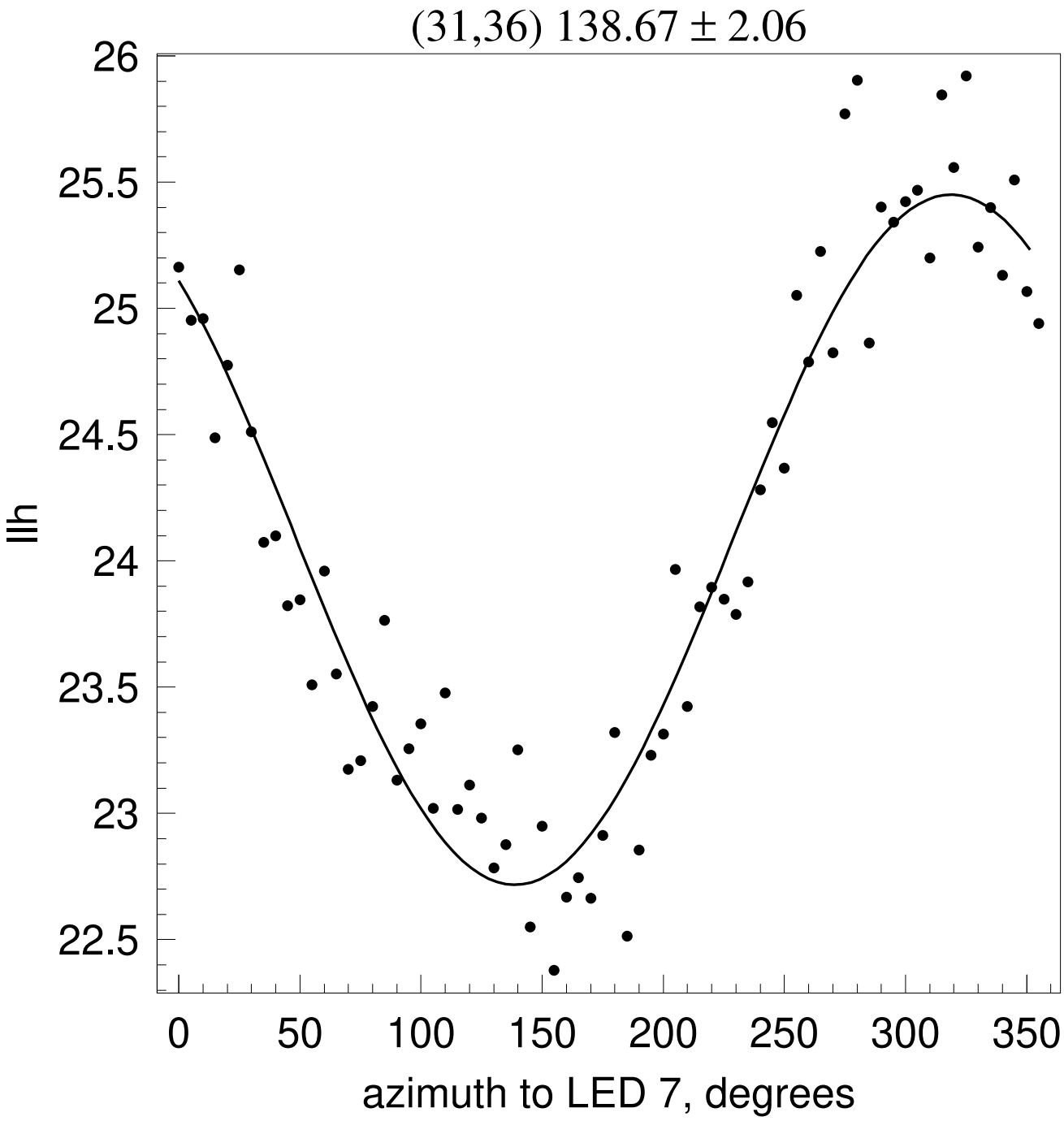

(31,31) 156.96 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

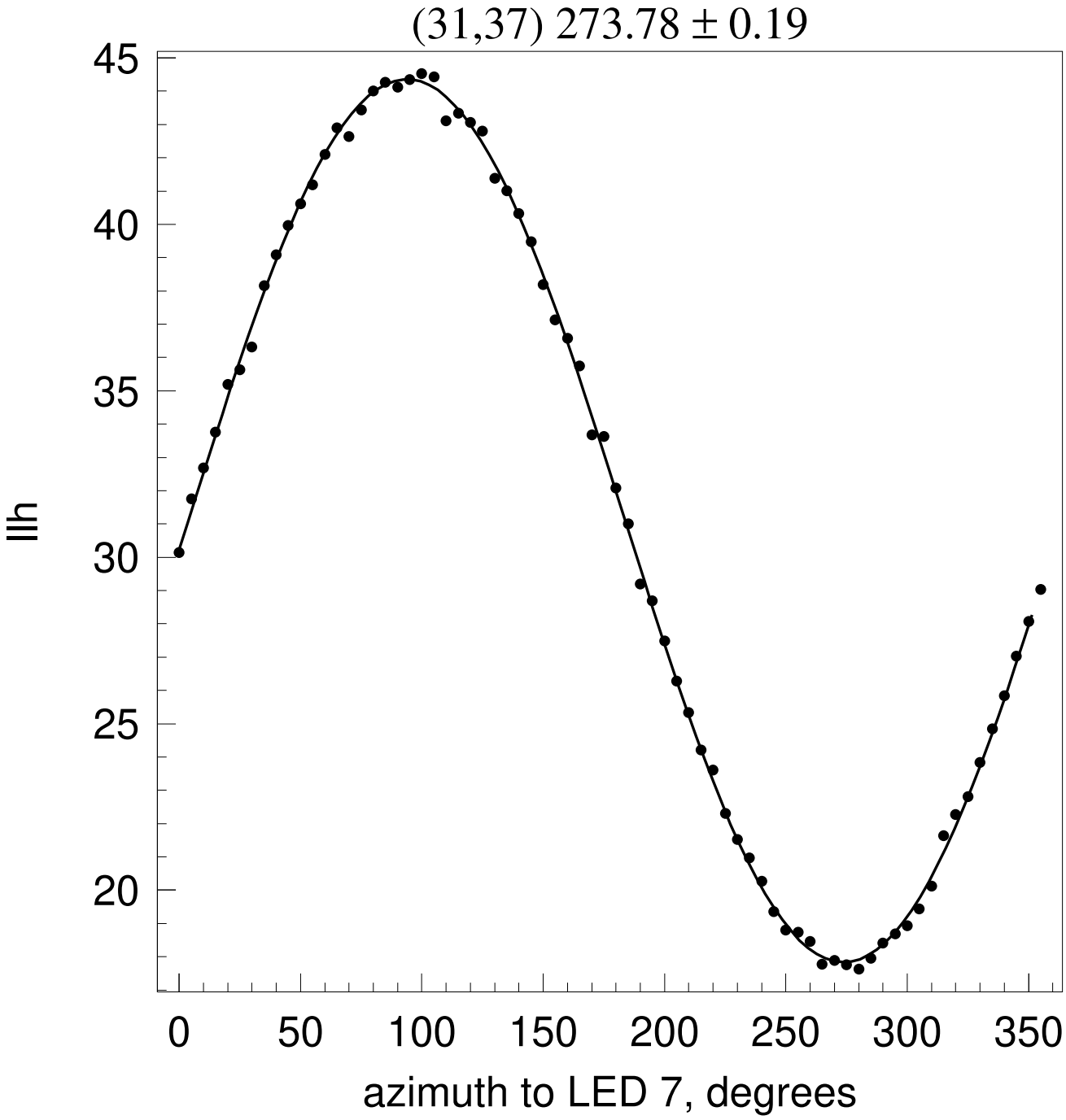

(31,32) 56.11 ± 0.35
42
40
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

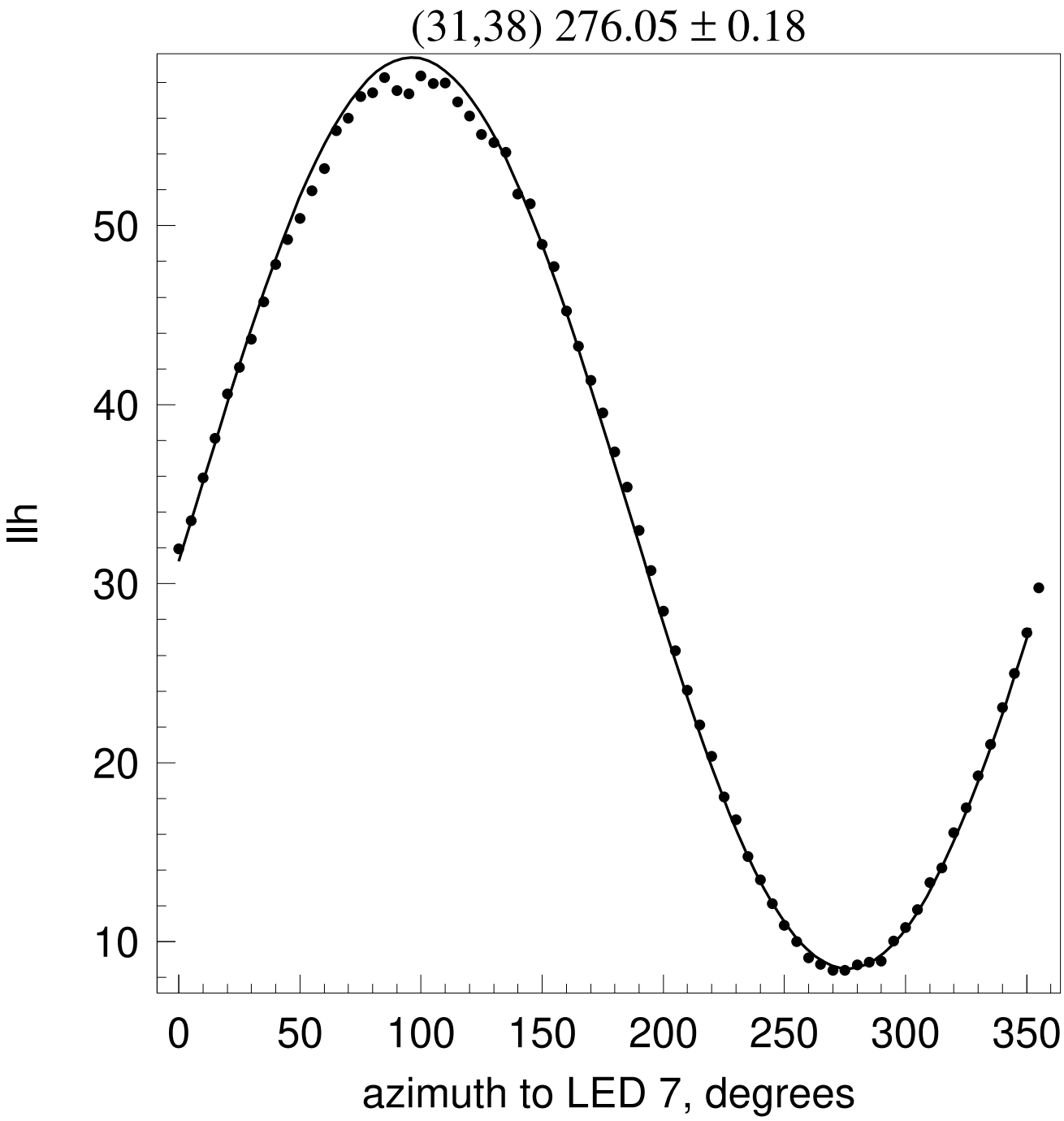

(31,33) 198.74 ± 0.84
40
38
36
34
32
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

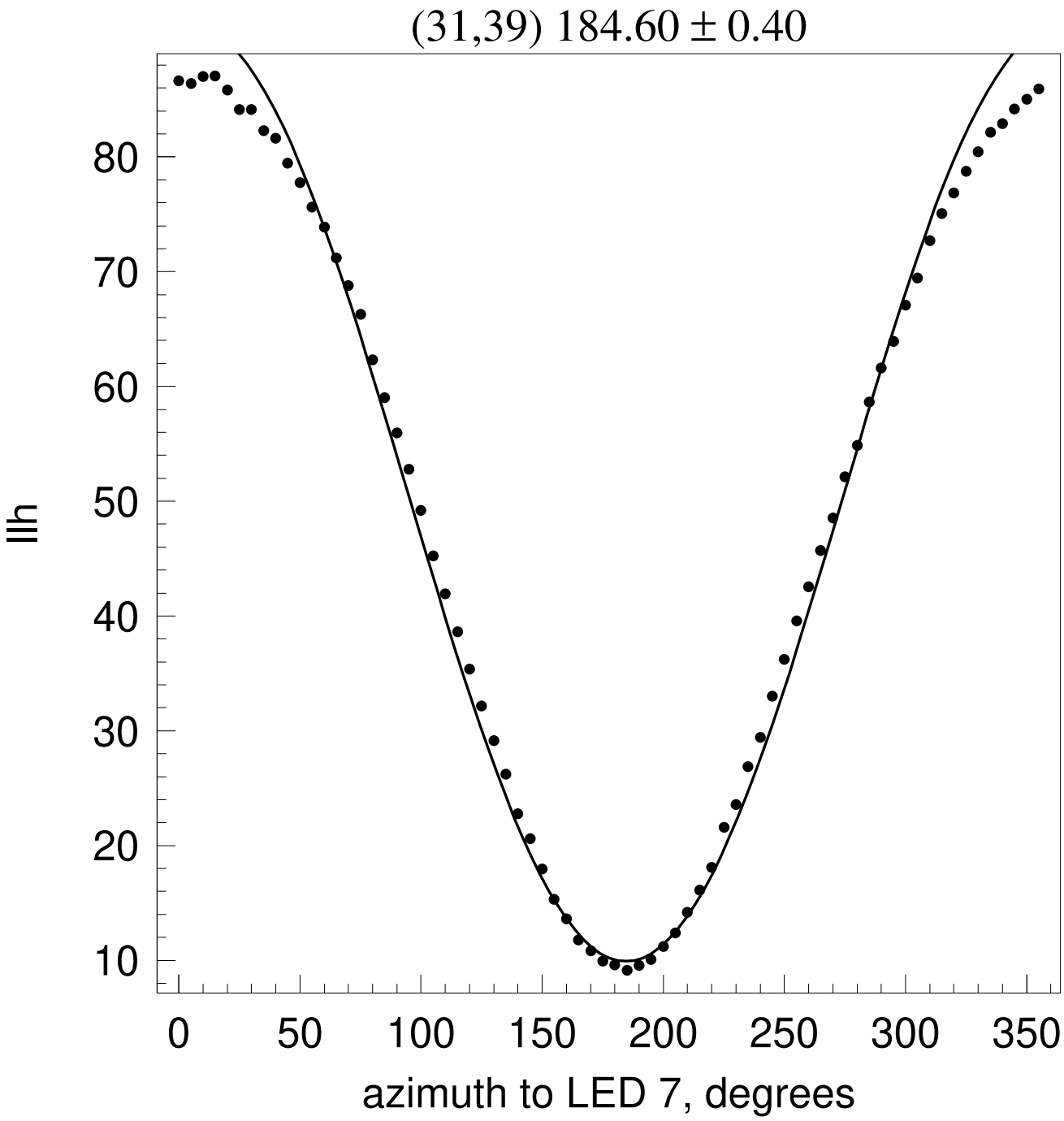

(31,34) 70.00 ± 9.92
43
42.5
42
41.5
41
40.5
40
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

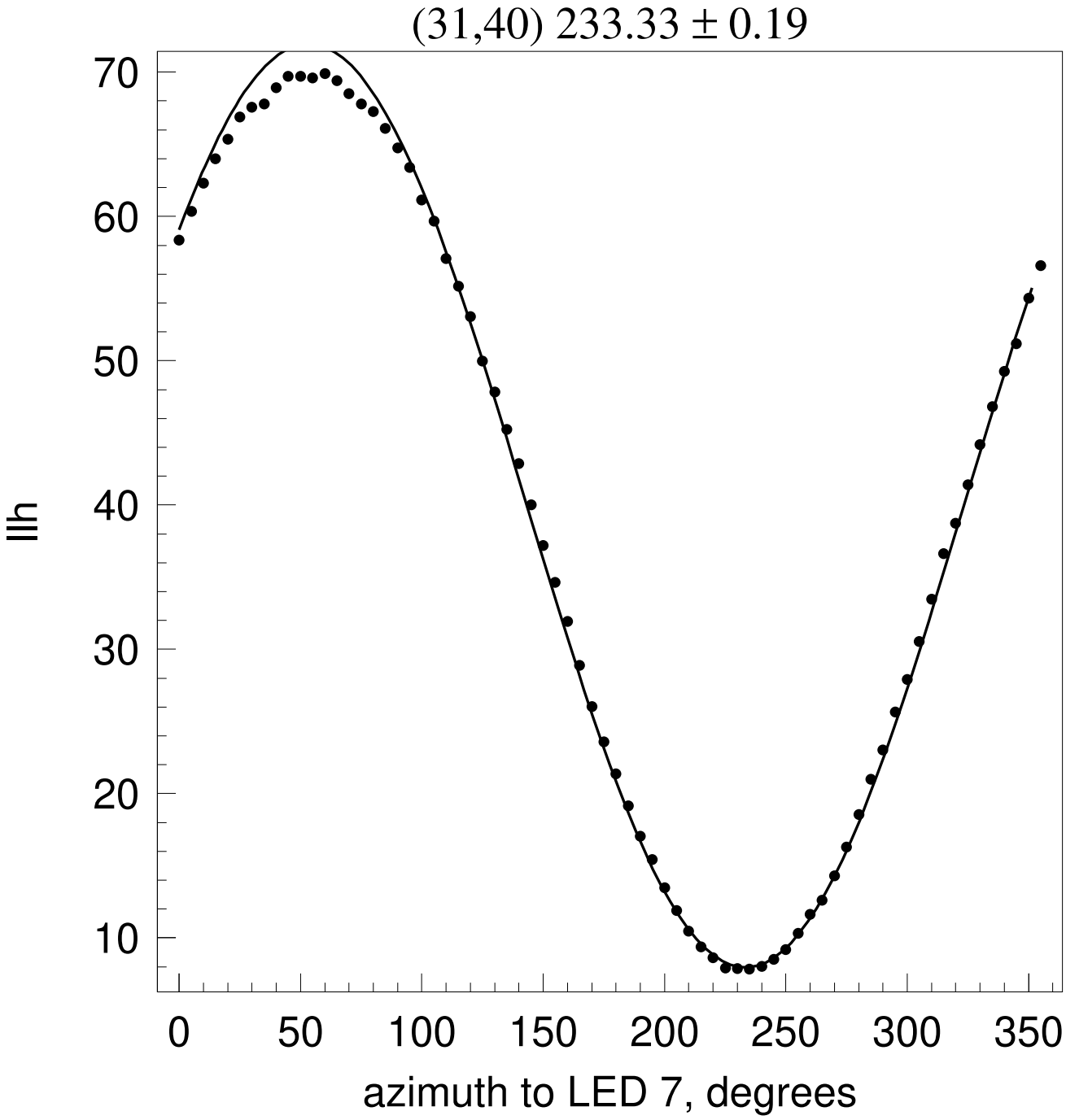

(31,35) 244.98 ± 32.38
42
41.75
41.5
41.25
41
40.75
40.5
40.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

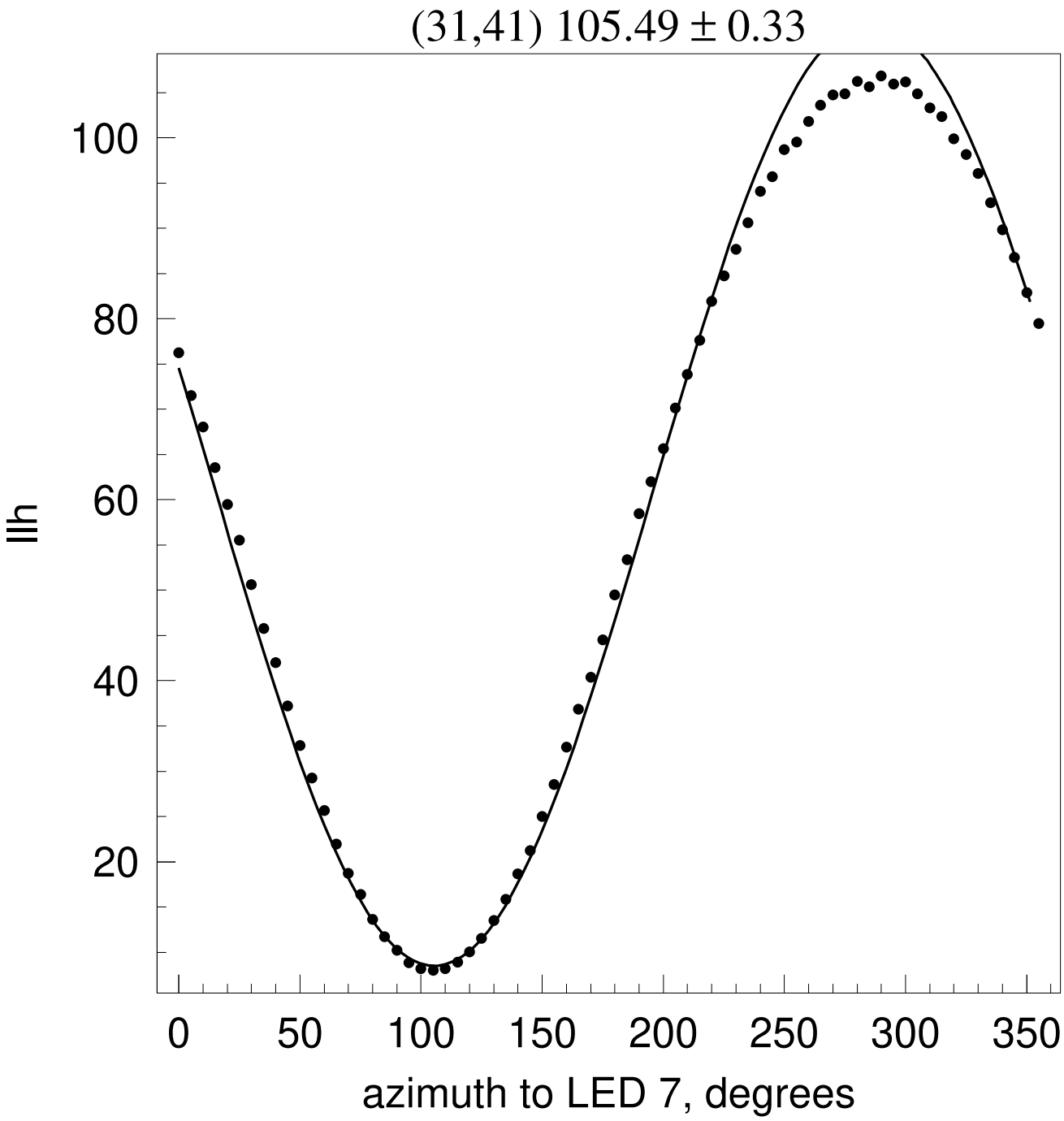

(31,36) 138.67 ± 2.06
26
25.5
25
24.5
24
23.5
23
22.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

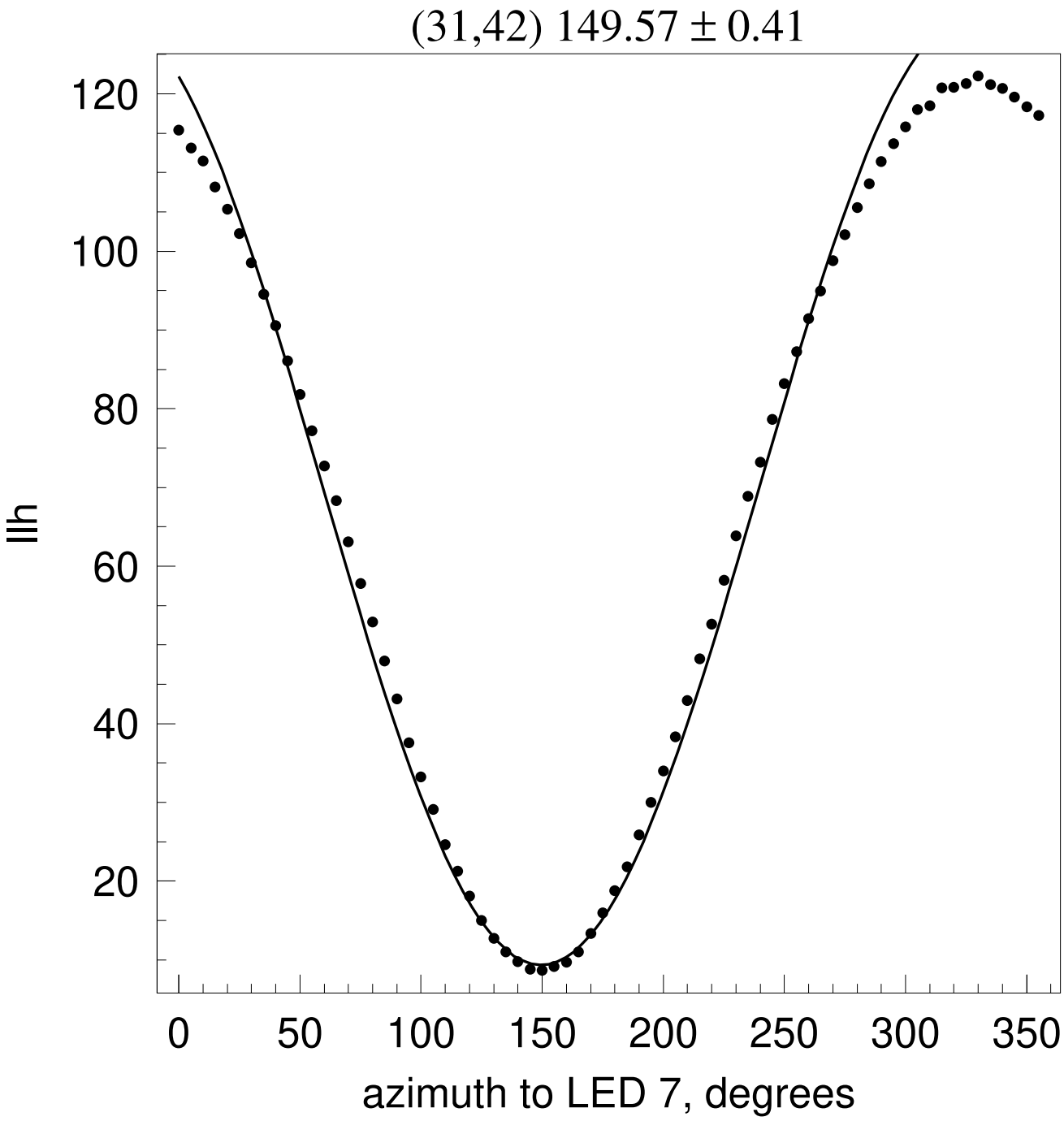

(31,37) 273.78 ± 0.19
45
40
35
30
25
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

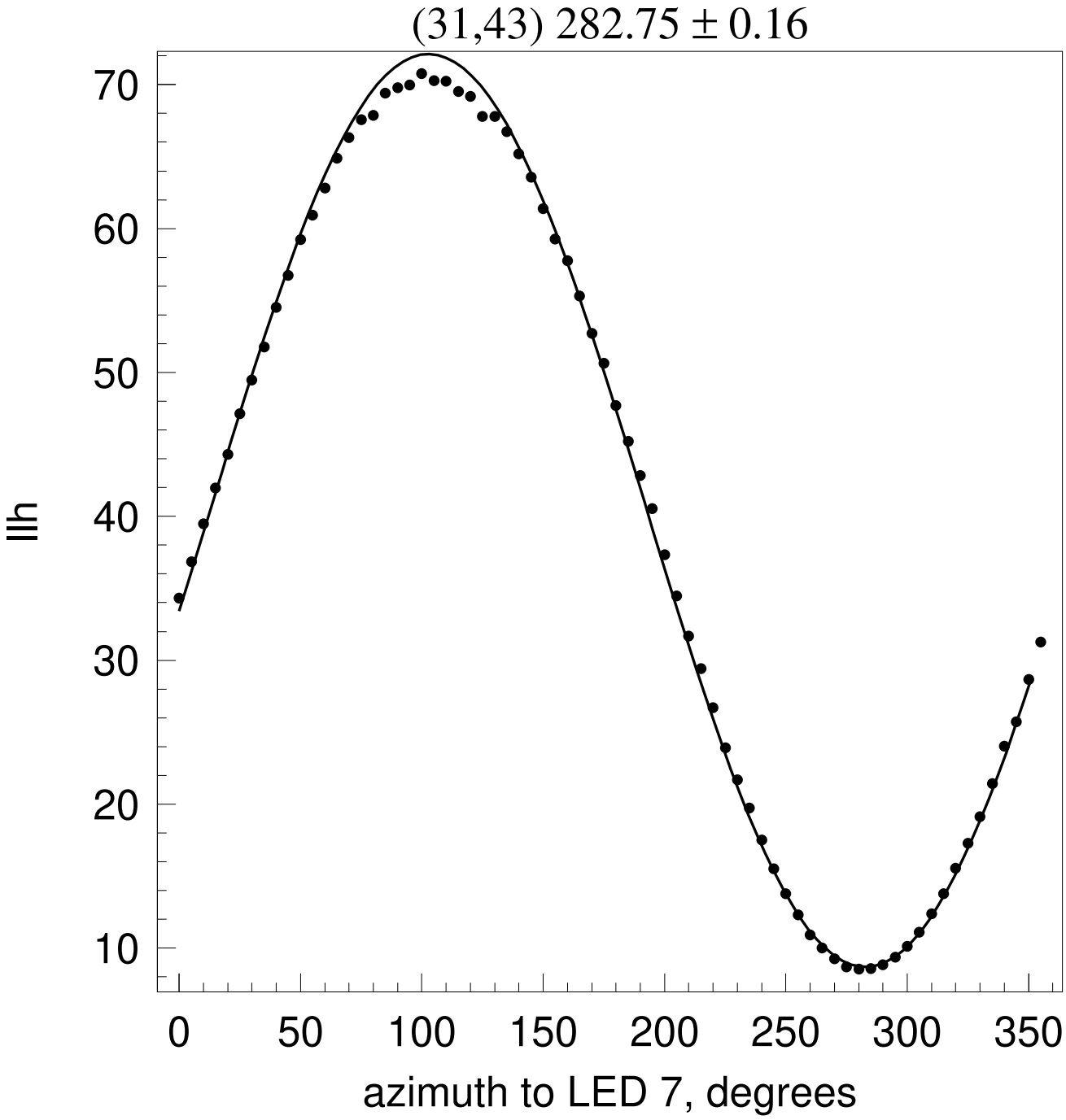

(31,38) 276.05 ± 0.18
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

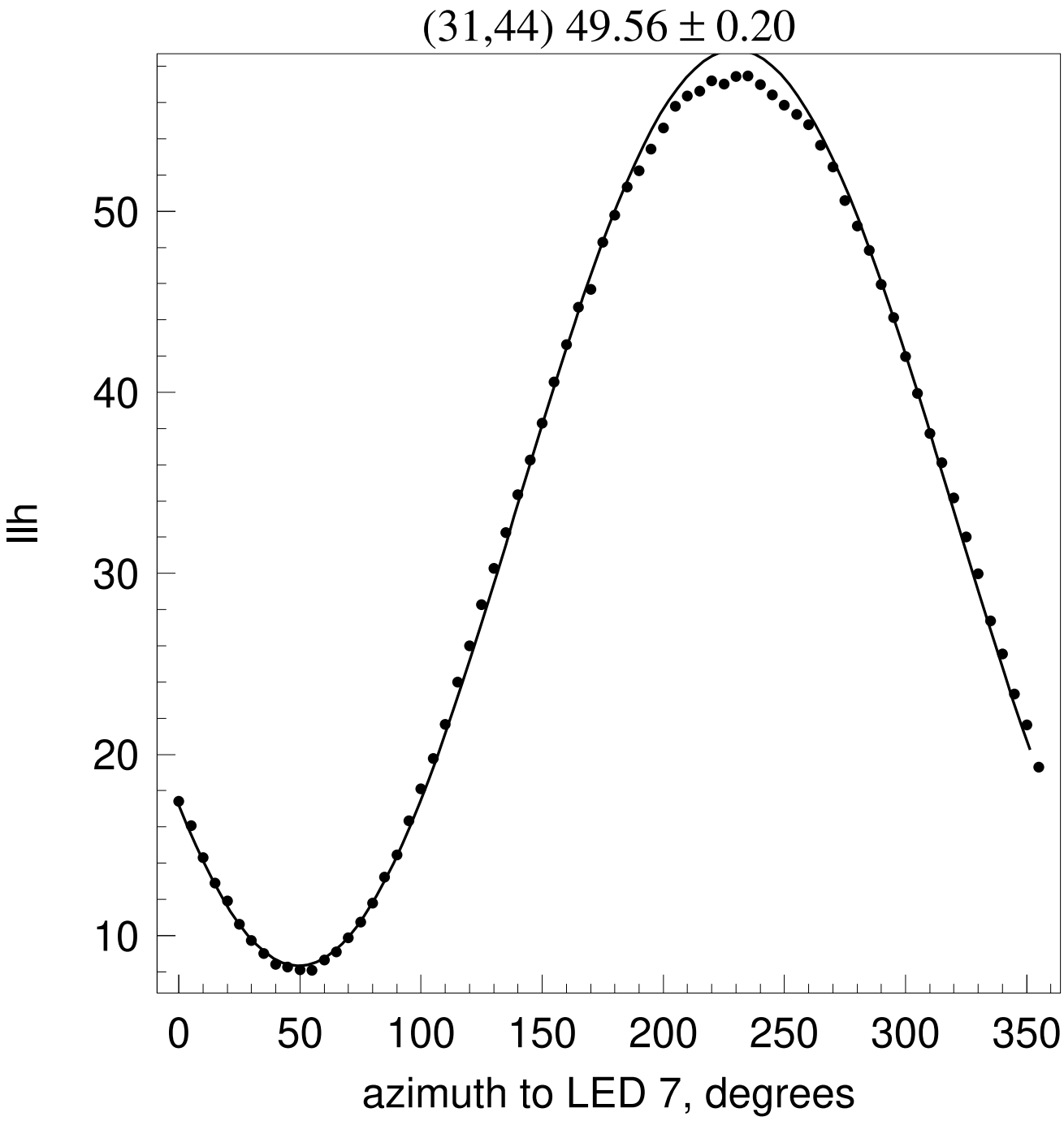

(31,39) 184.60 ± 0.40
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

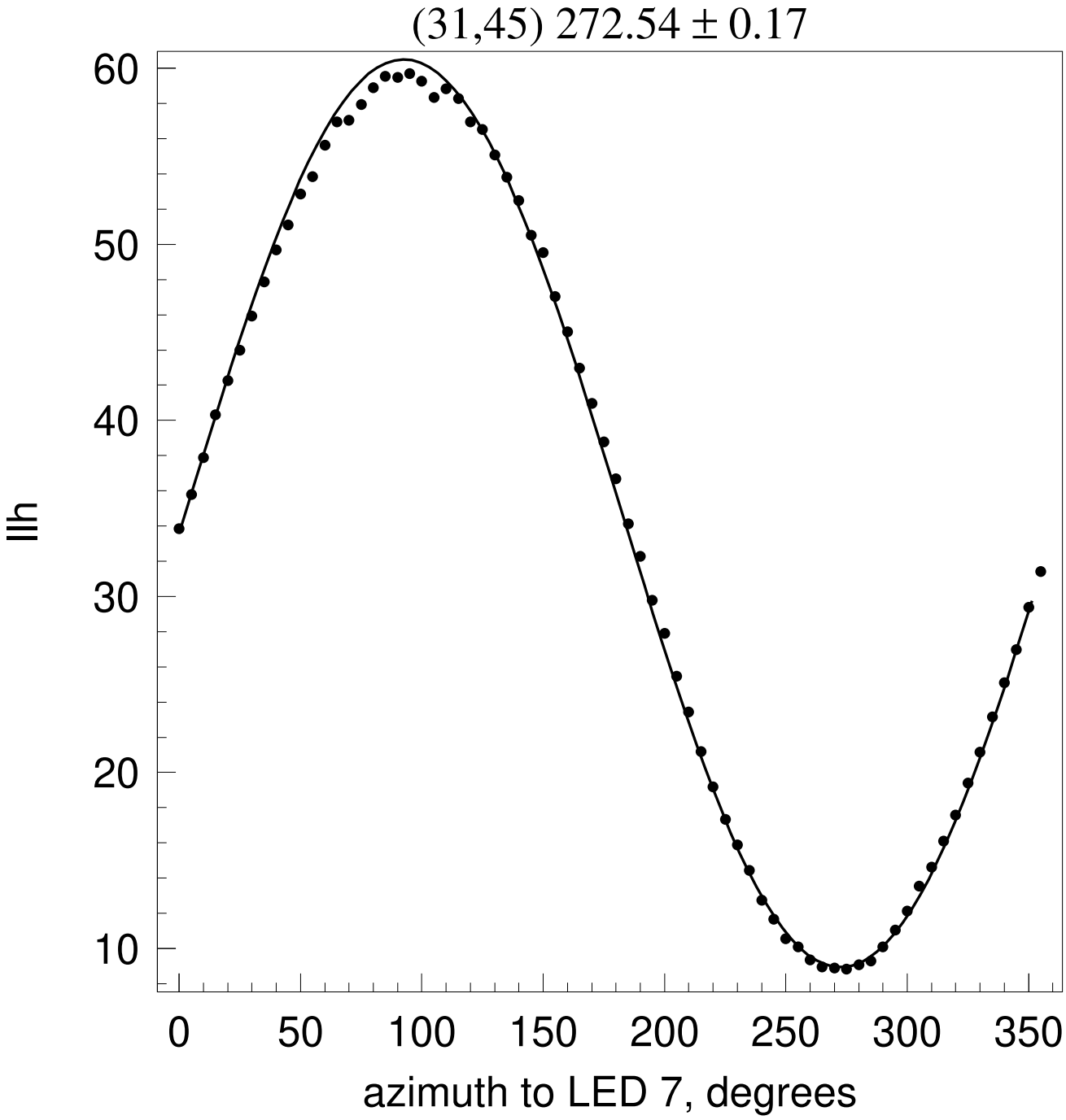

(31,40) 233.33 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

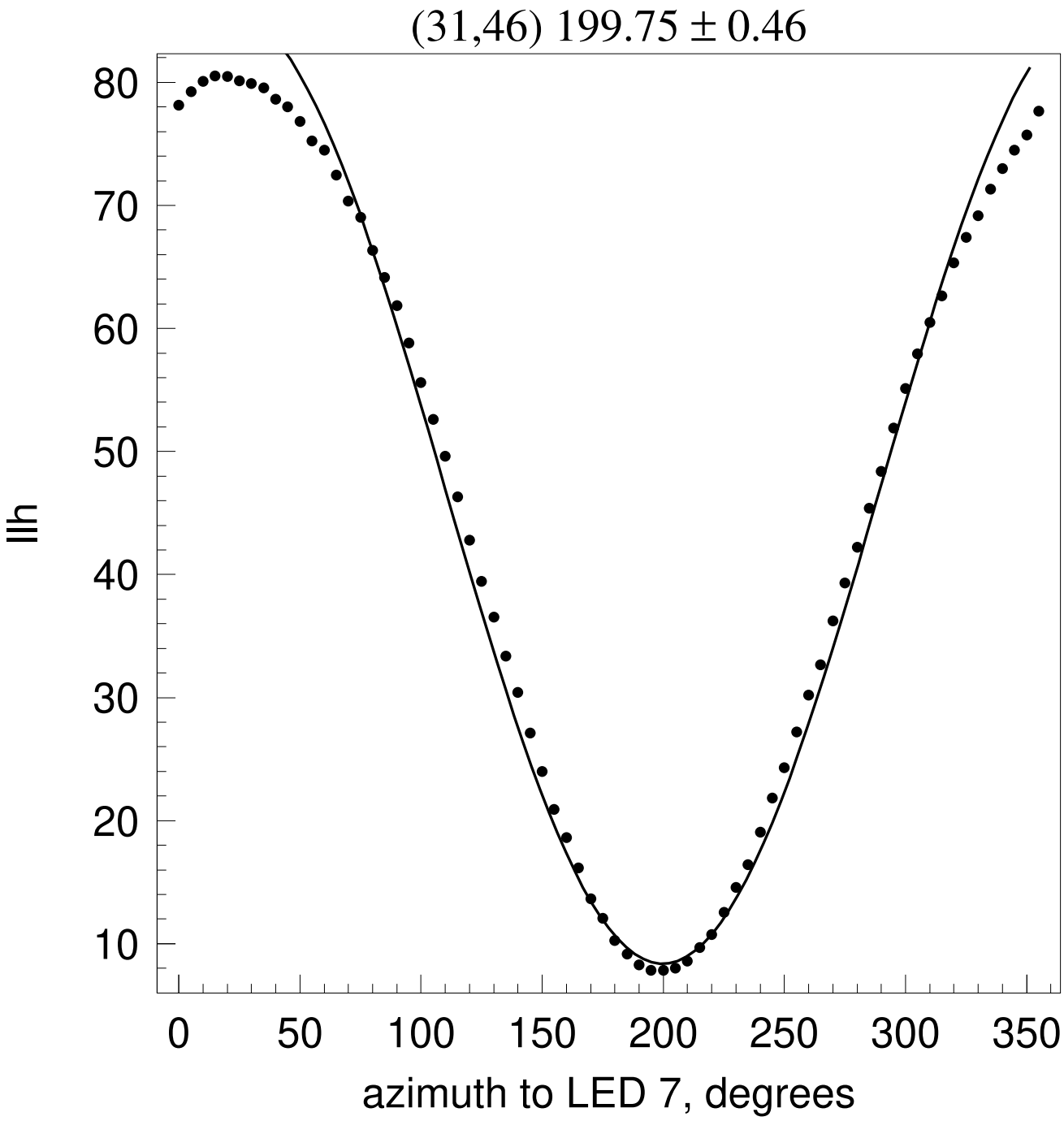

(31,41) 105.49 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

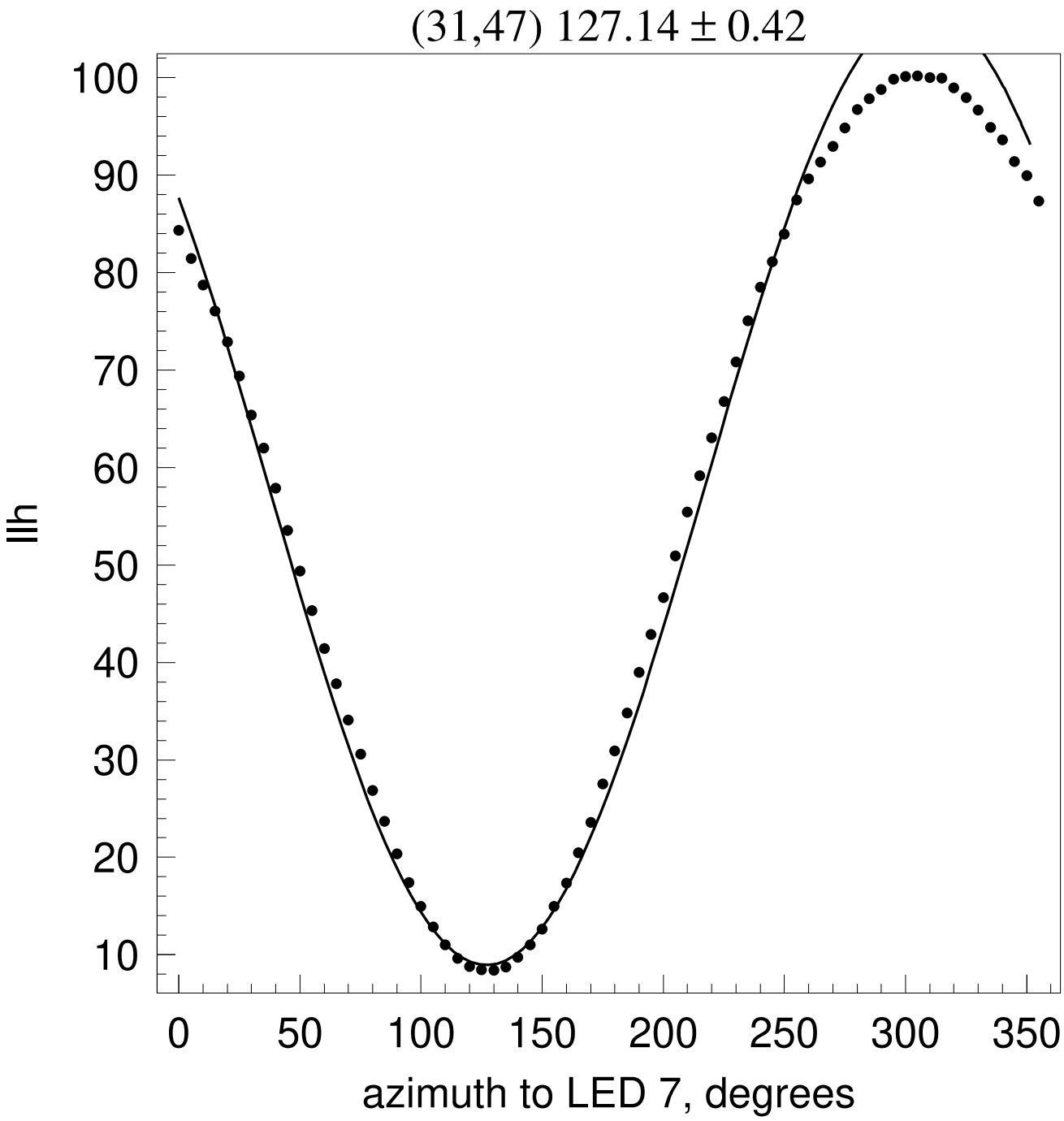

(31,42) 149.57 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

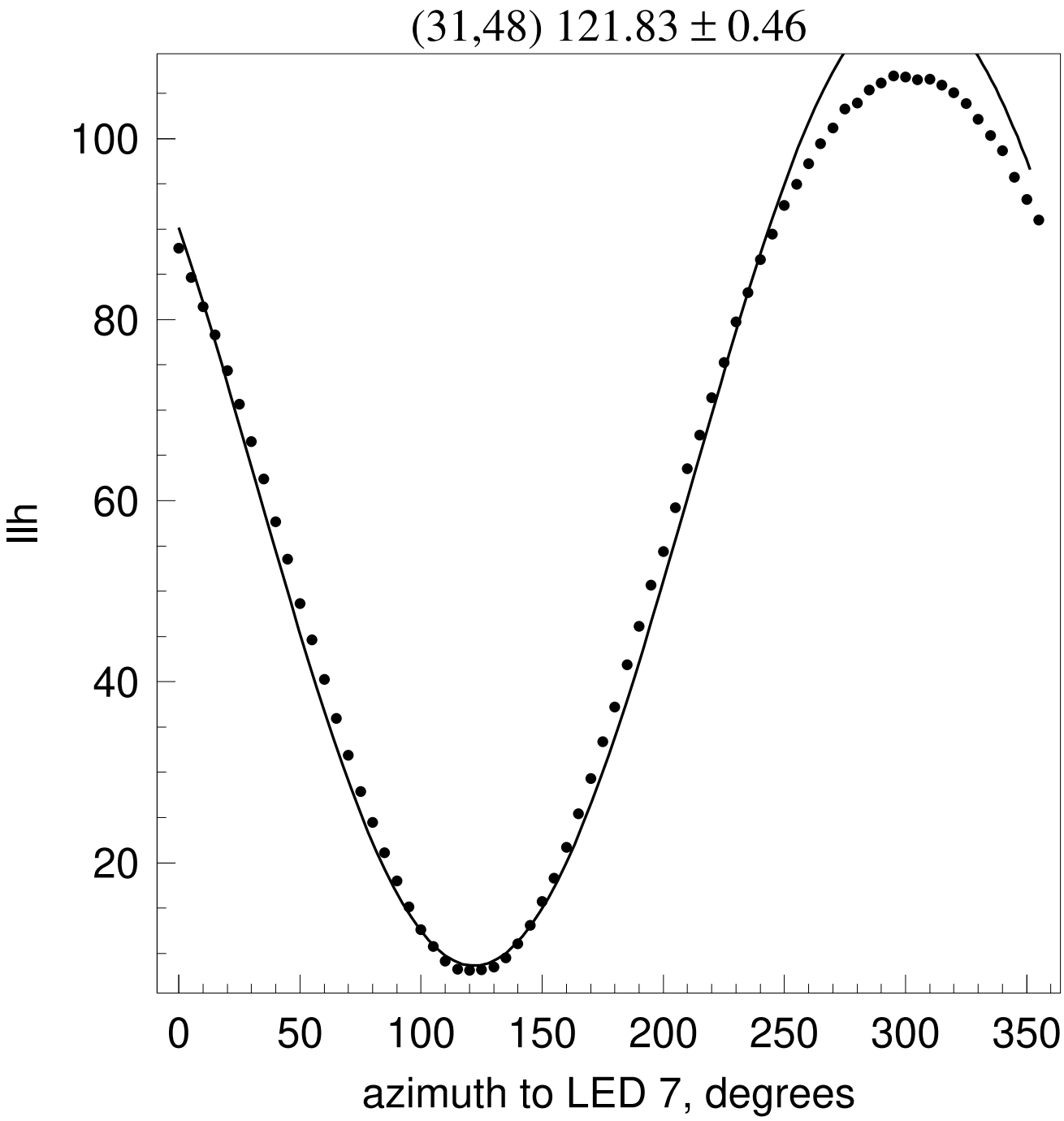

(31,43) 282.75 ± 0.16
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

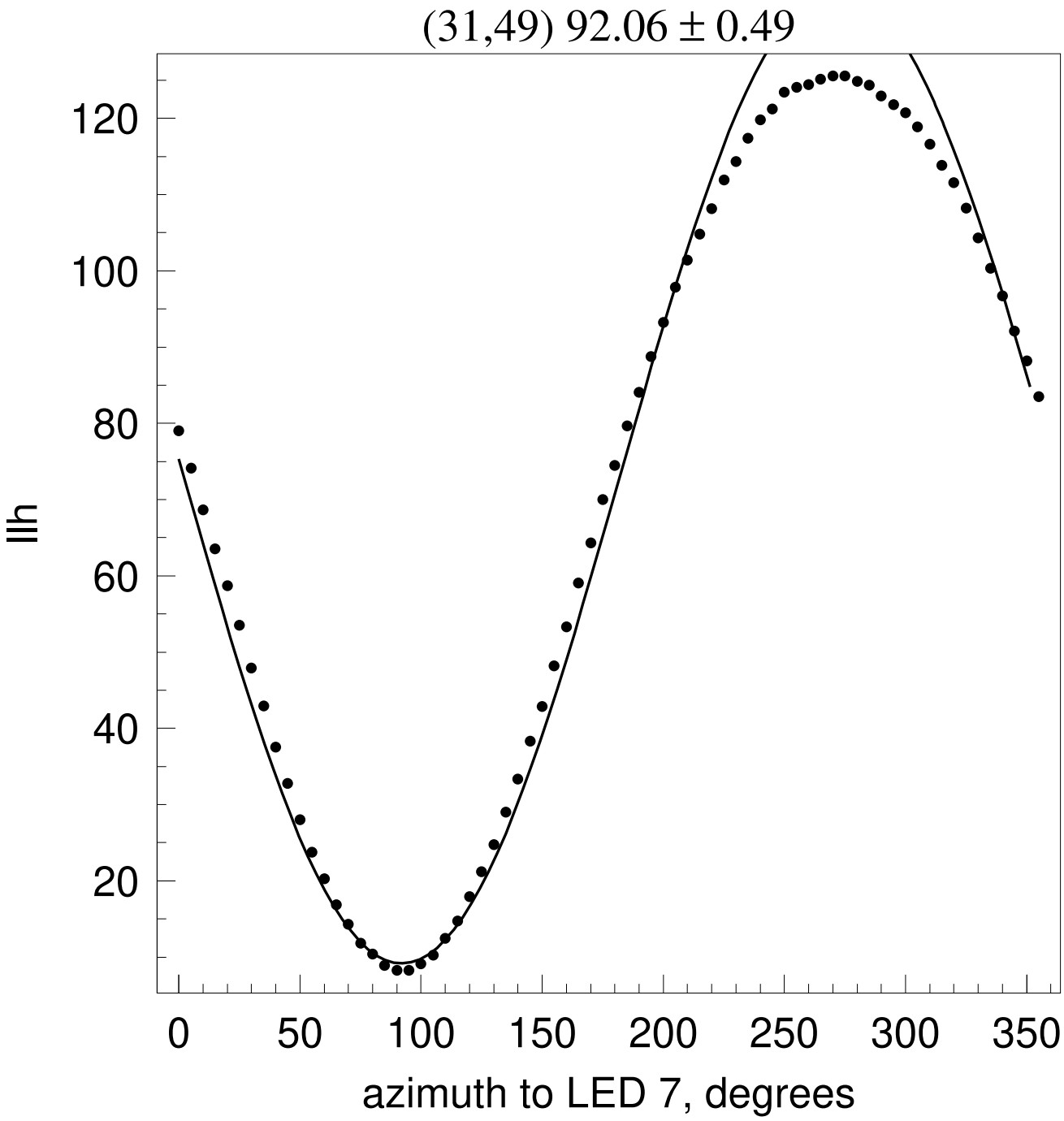

(31,44) 49.56 ± 0.20
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

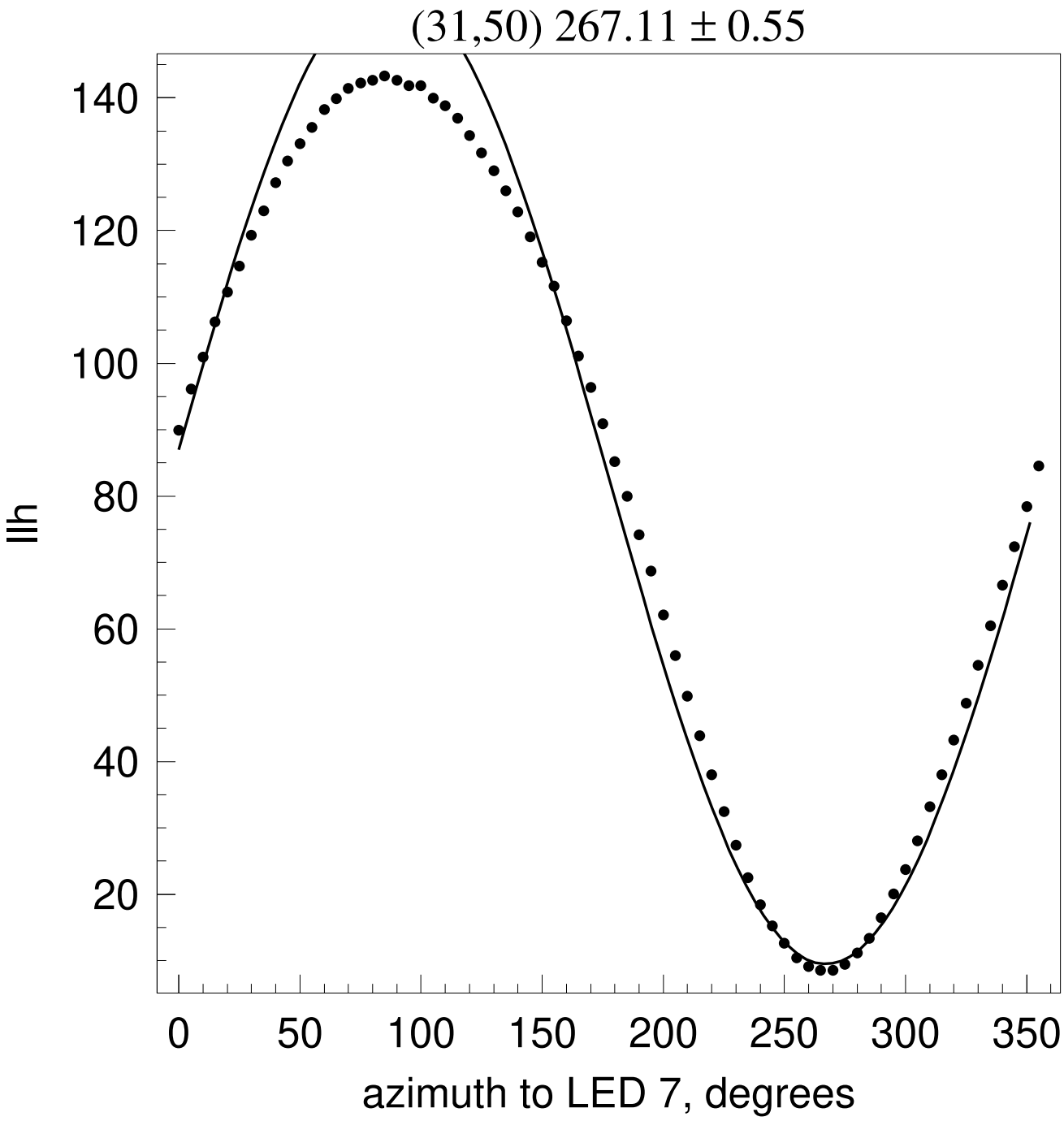

(31,45) 272.54 ± 0.17
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

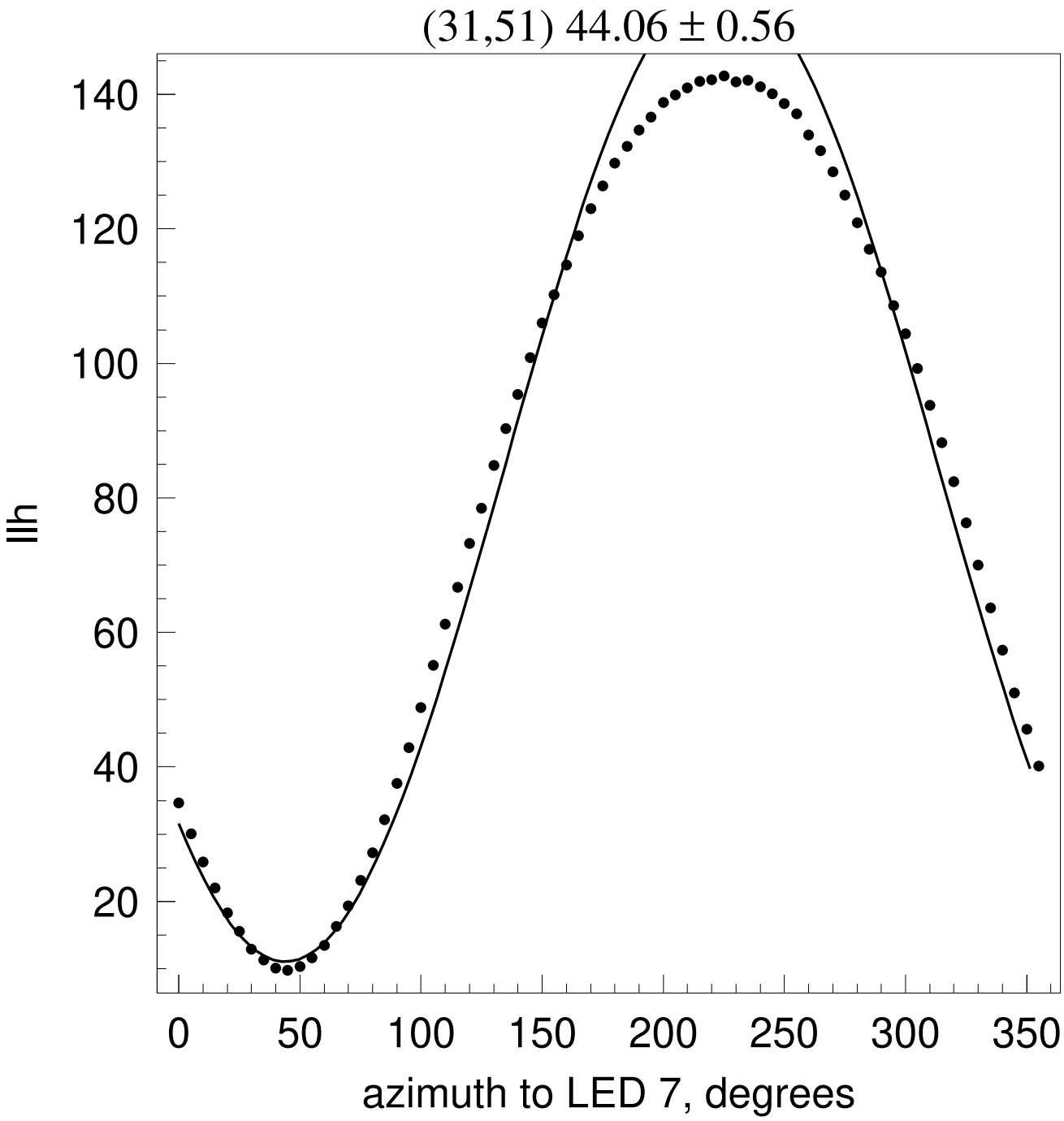

(31,46) 199.75 ± 0.46
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

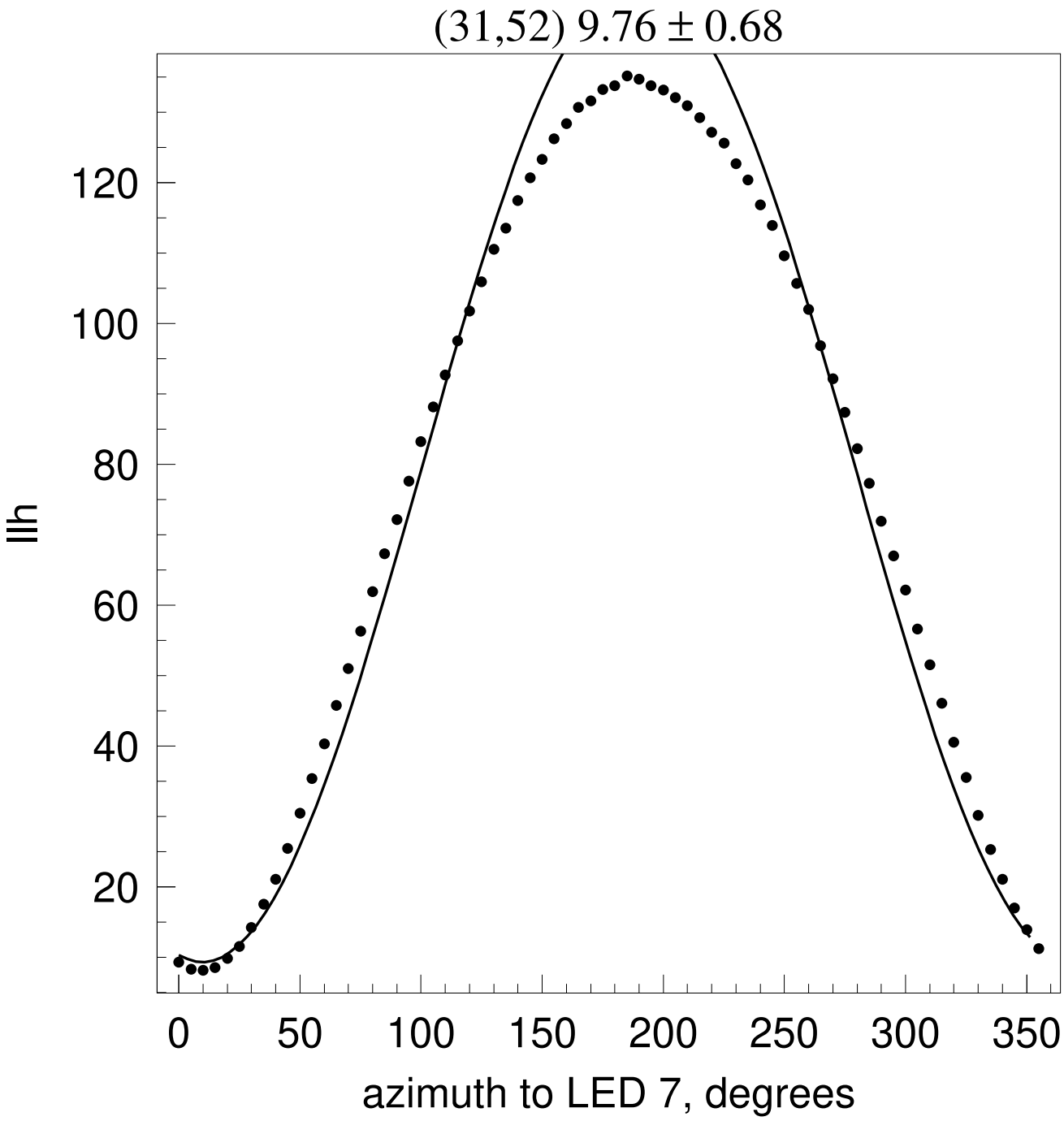

(31,47) 127.14 ± 0.42
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

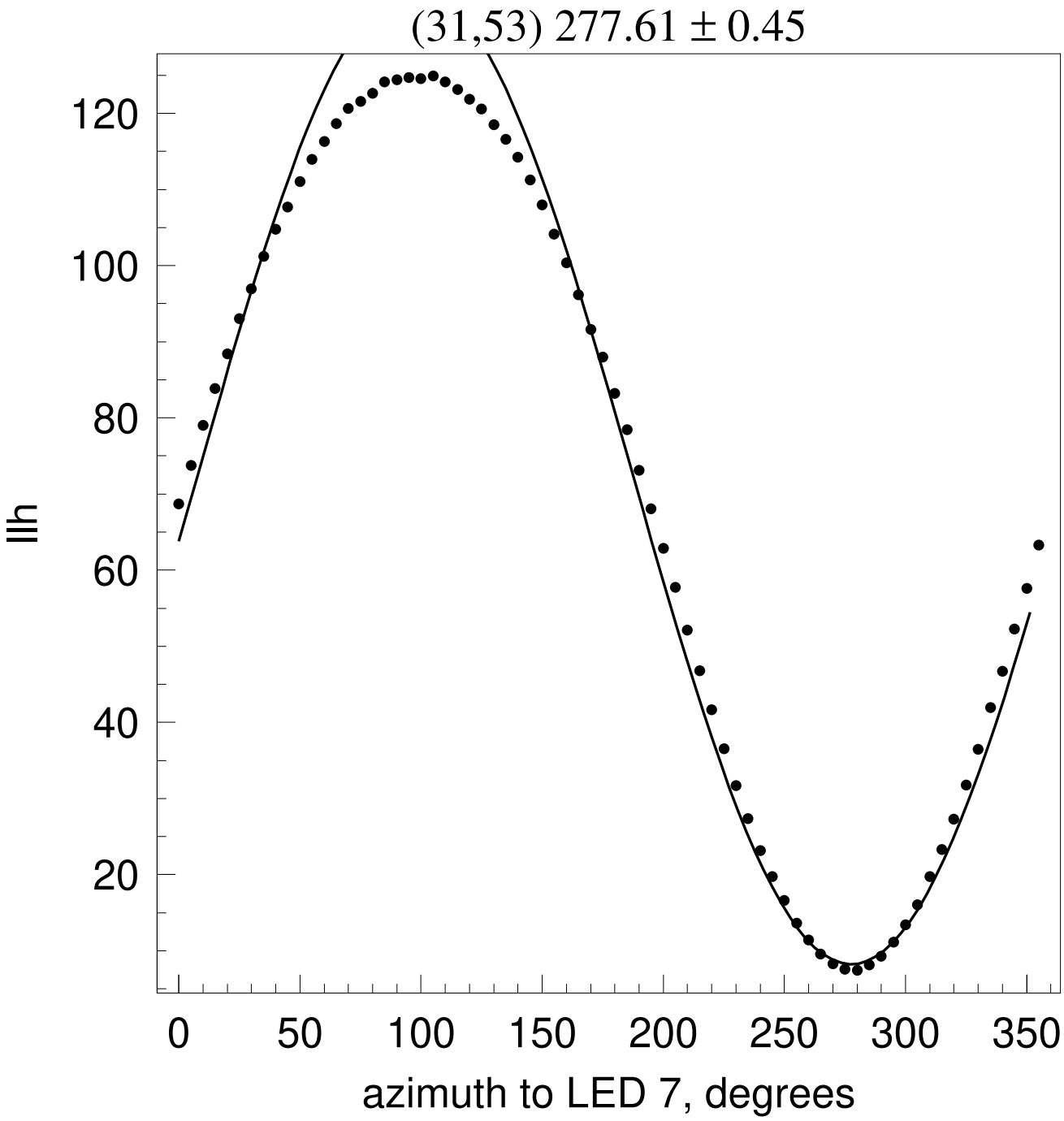

(31,48) 121.83 ± 0.46
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

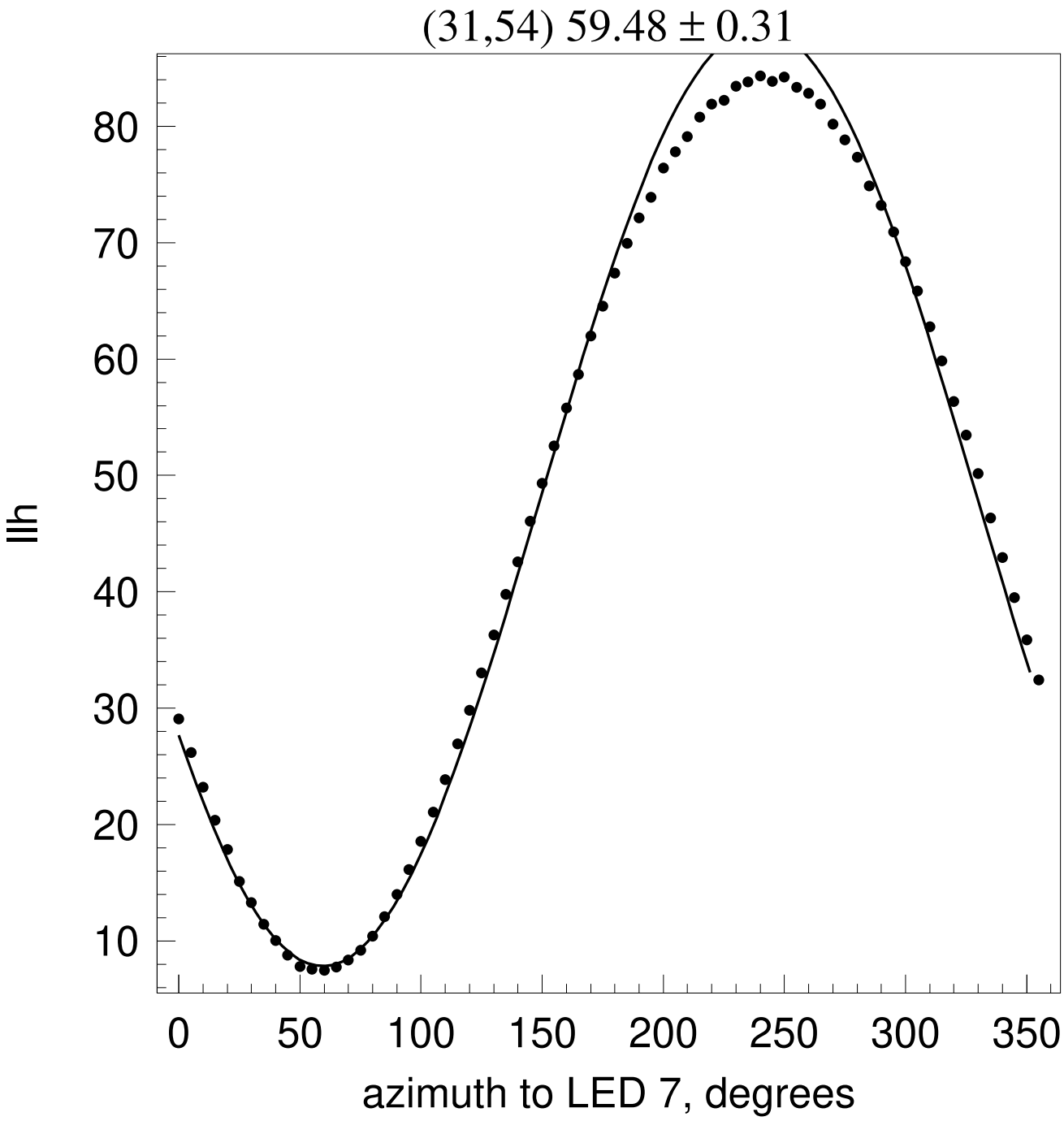

(31,49) 92.06 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

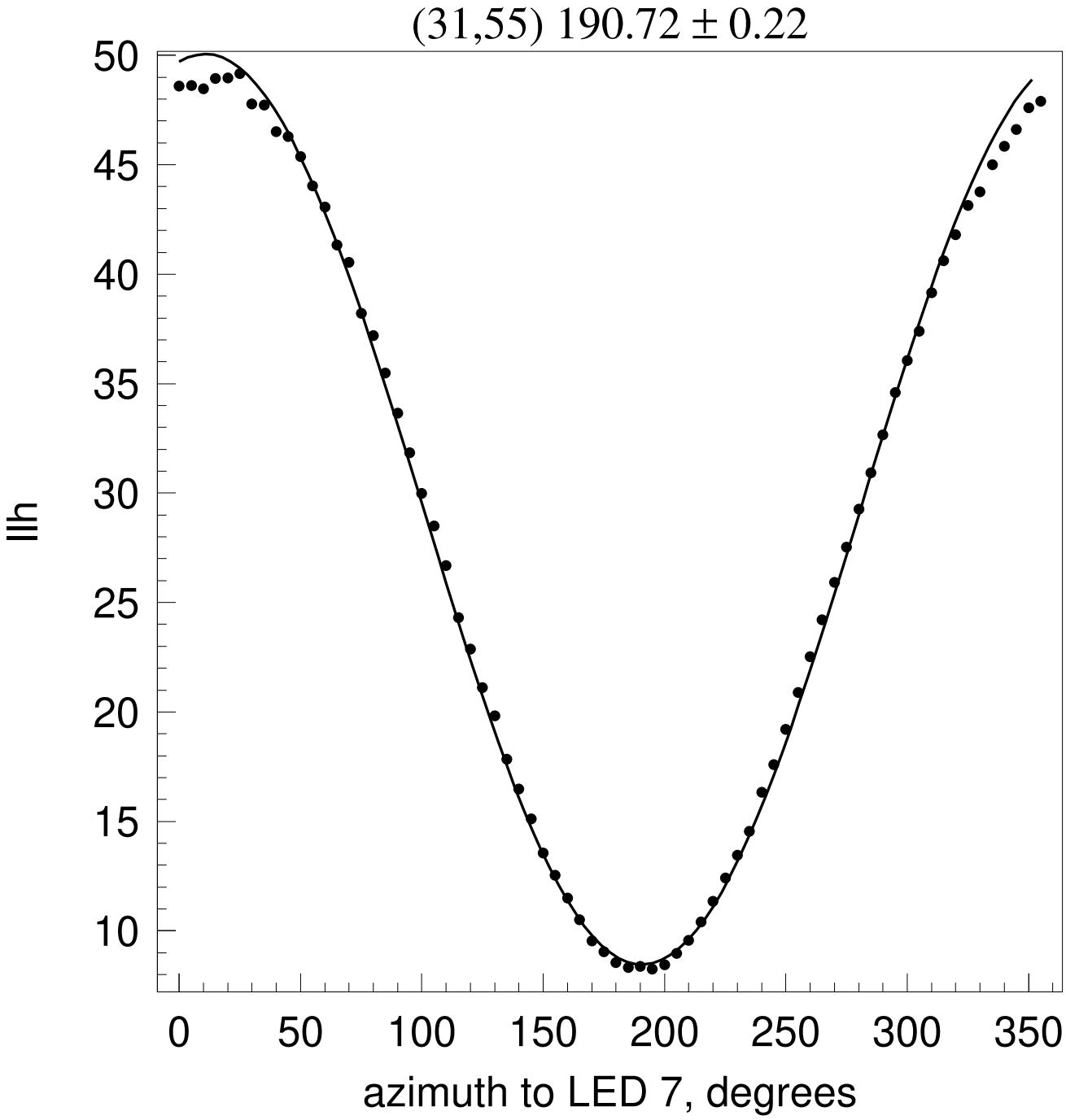

(31,50) 267.11 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

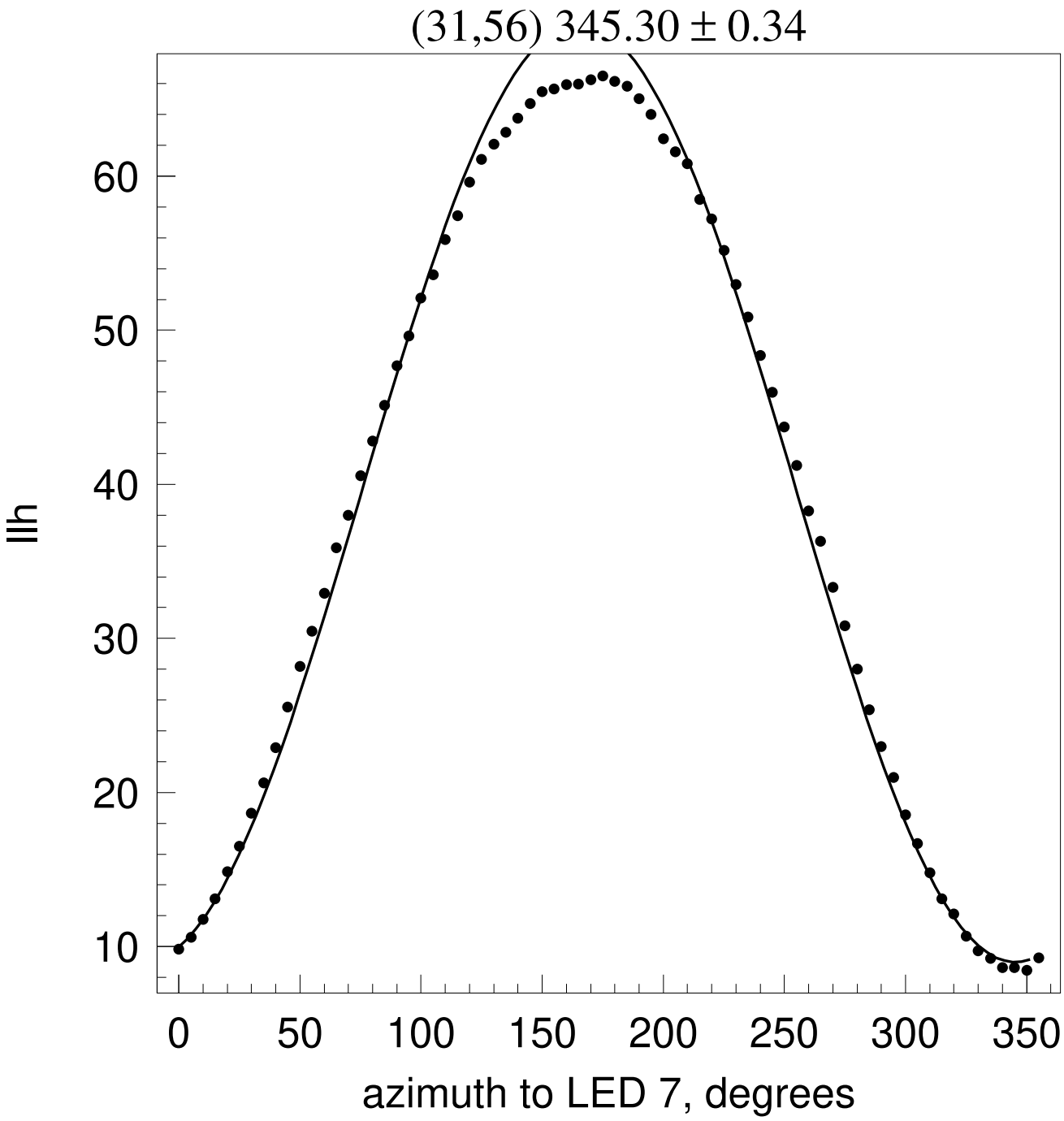

(31,51) 44.06 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

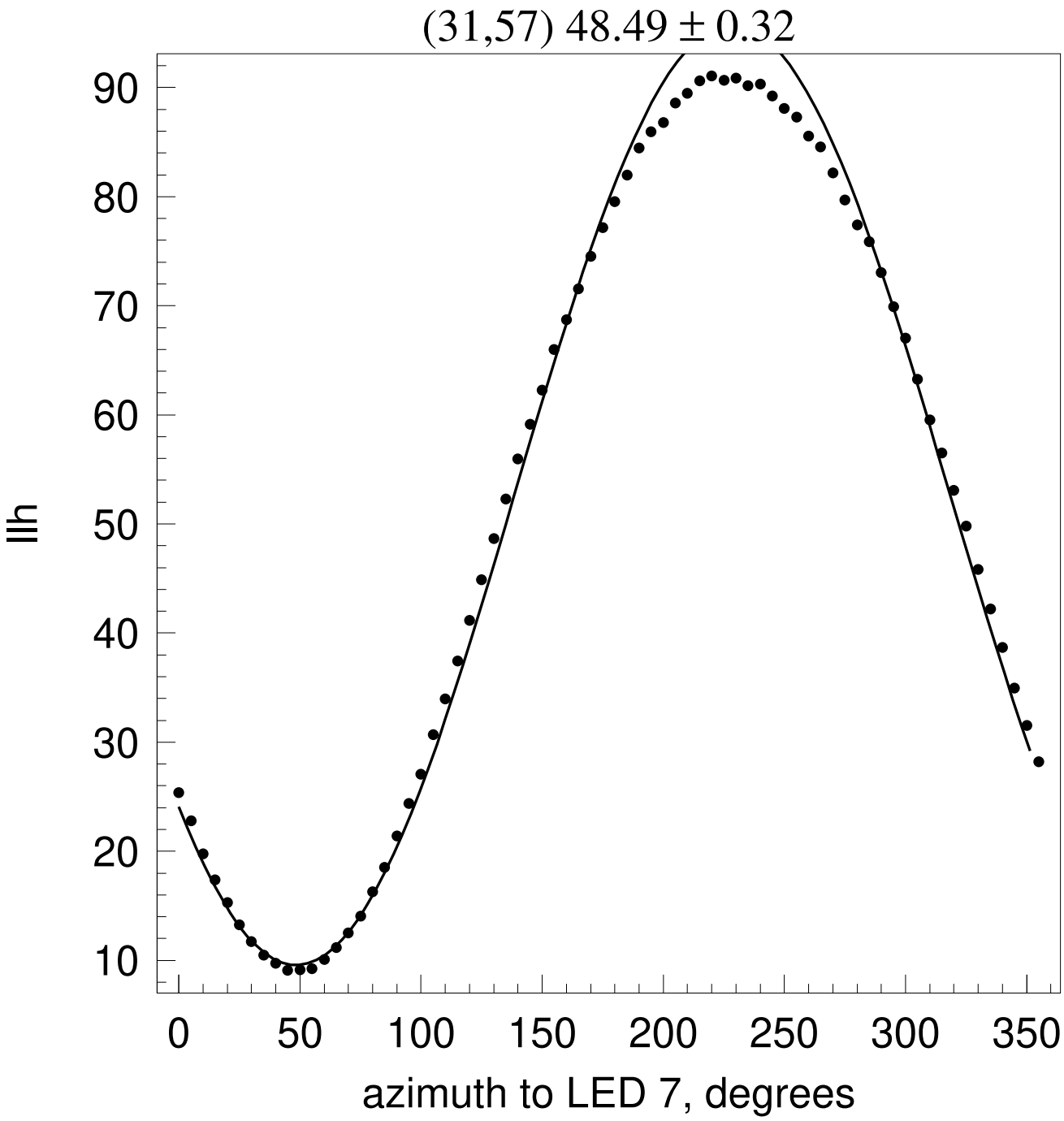

(31,52) 9.76 ± 0.68
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

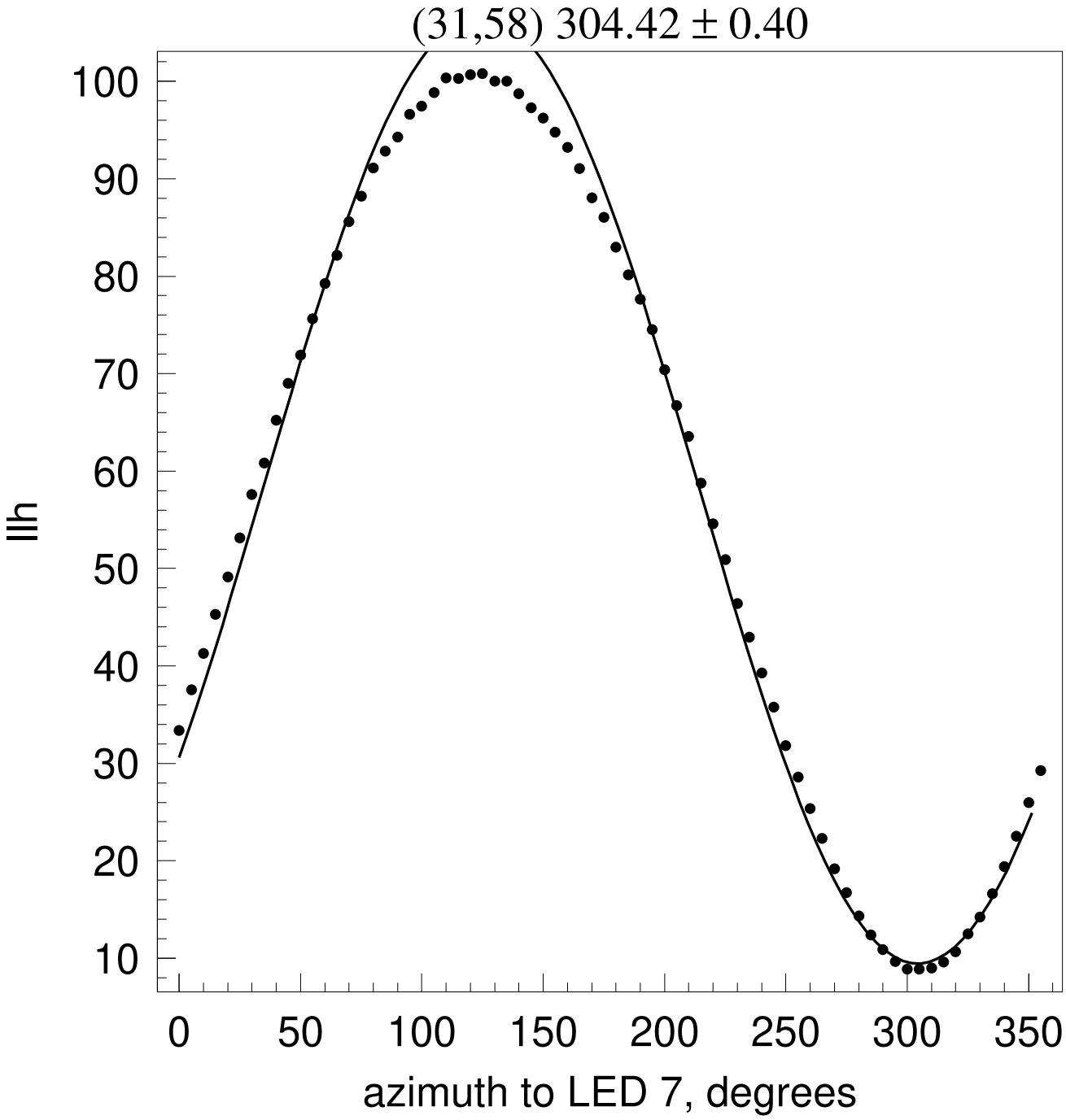

(31,53) 277.61 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

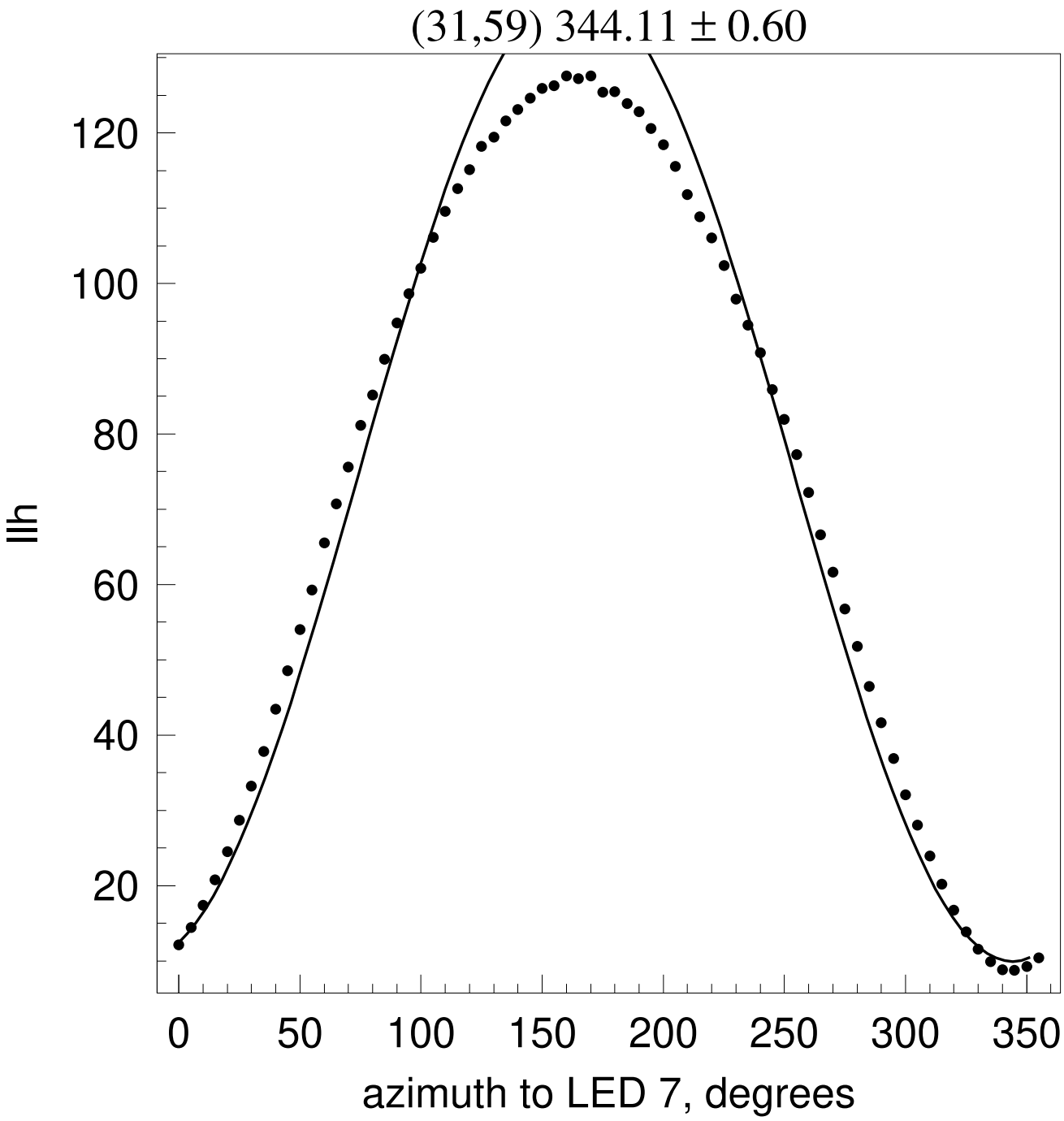

(31,54) 59.48 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

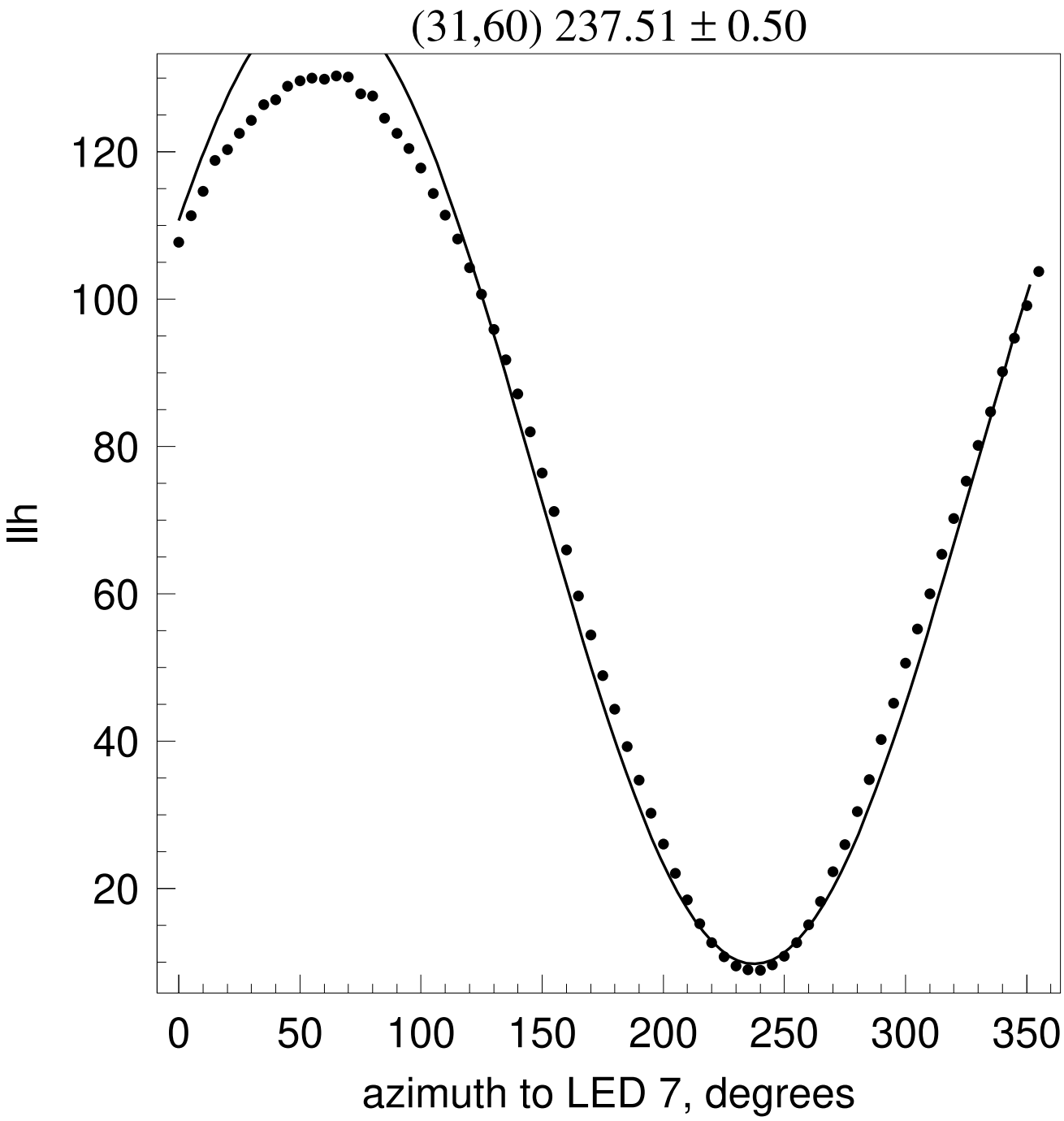

(31,55) 190.72 ± 0.22
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

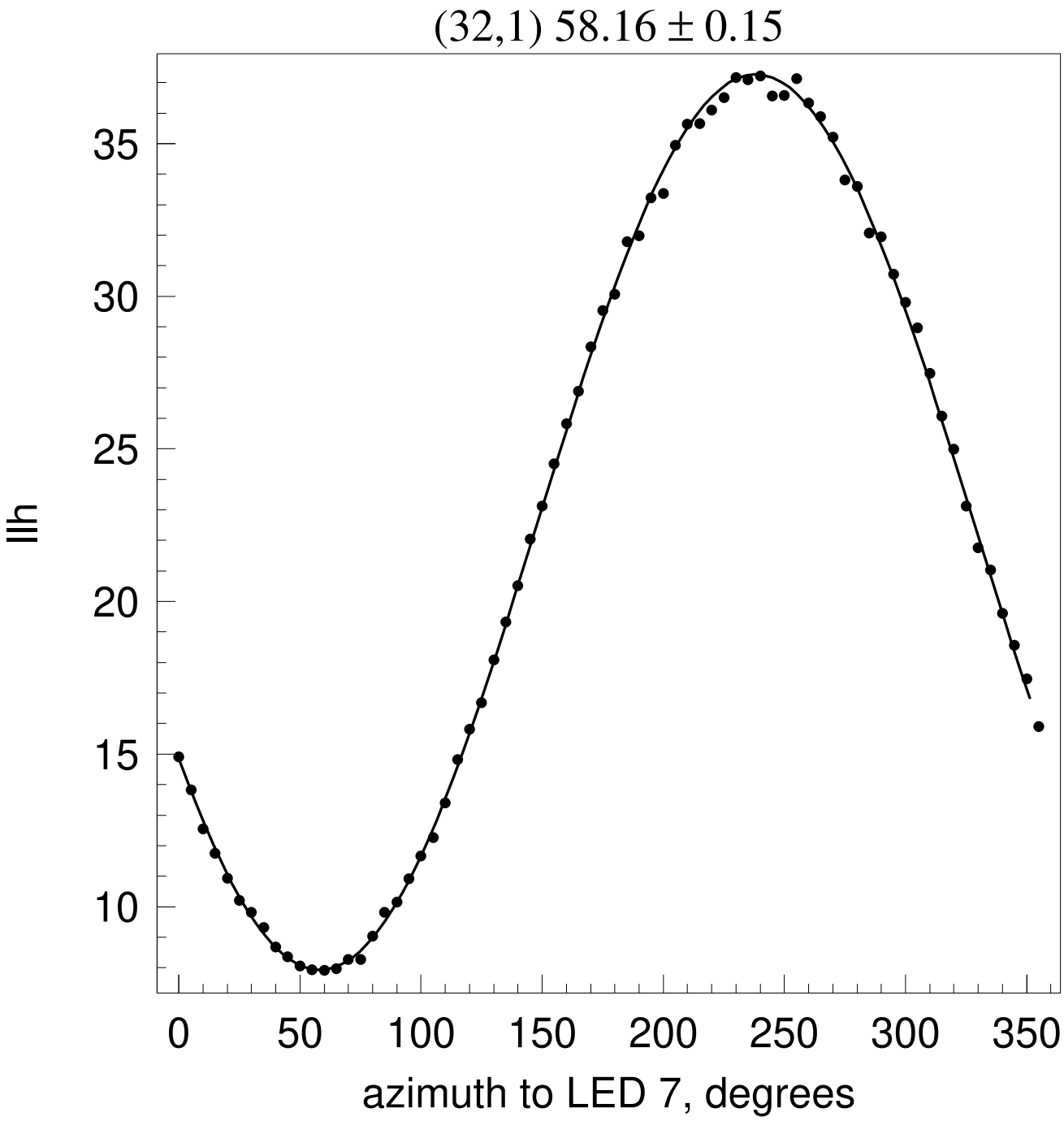

(31,56) 345.30 ± 0.34
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

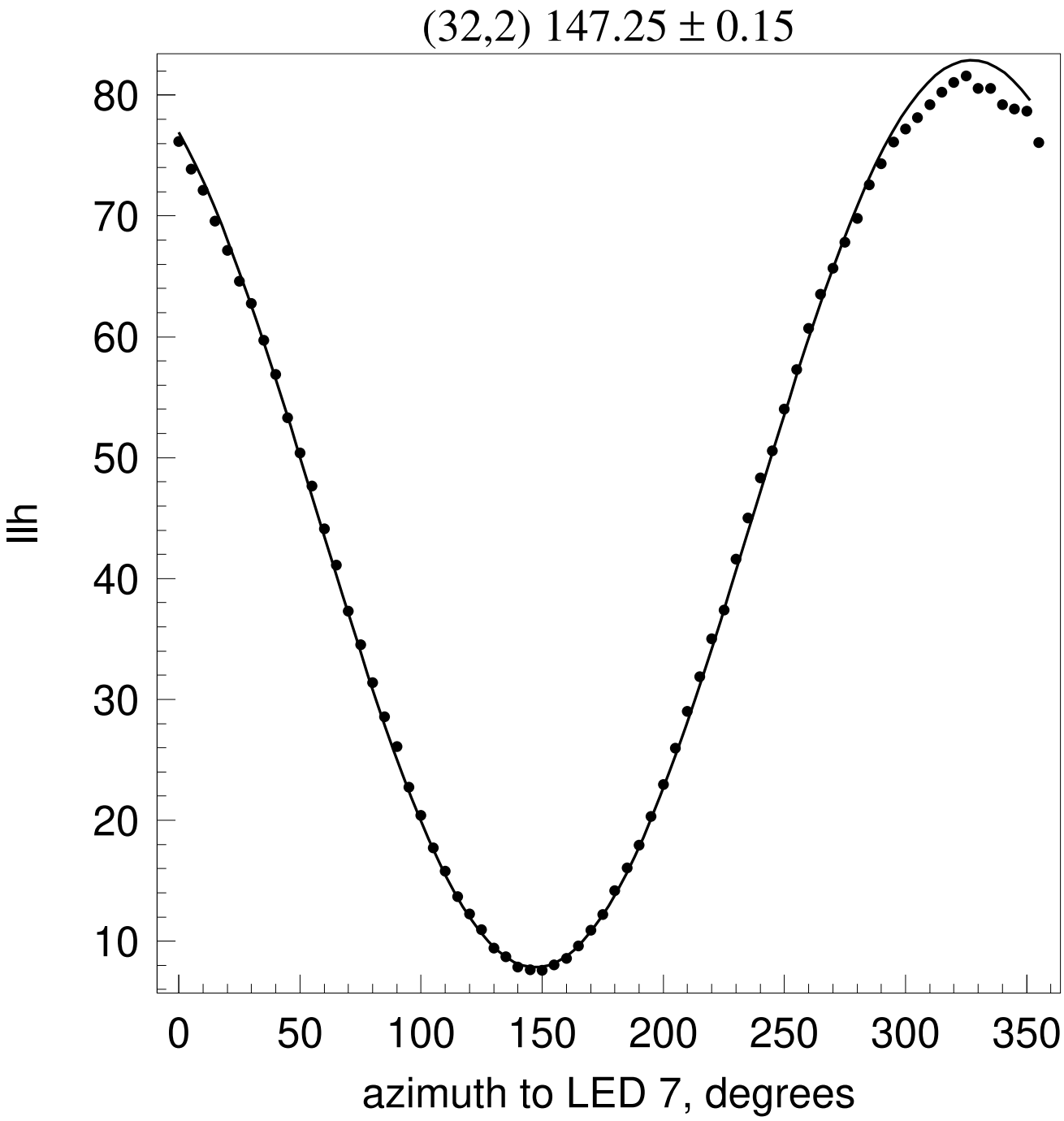

(31,57) 48.49 ± 0.32
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

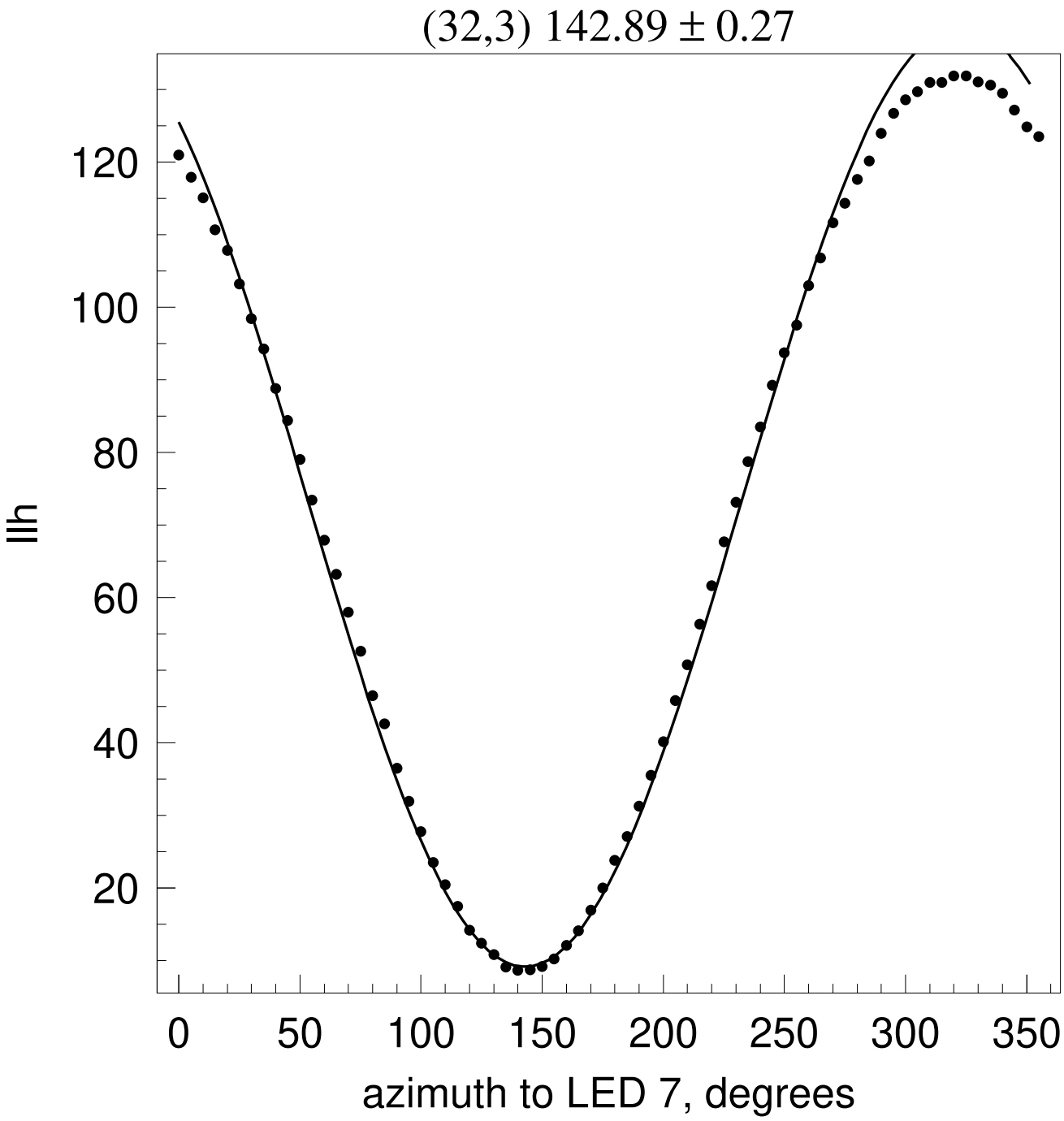

(31,58) 304.42 ± 0.40
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

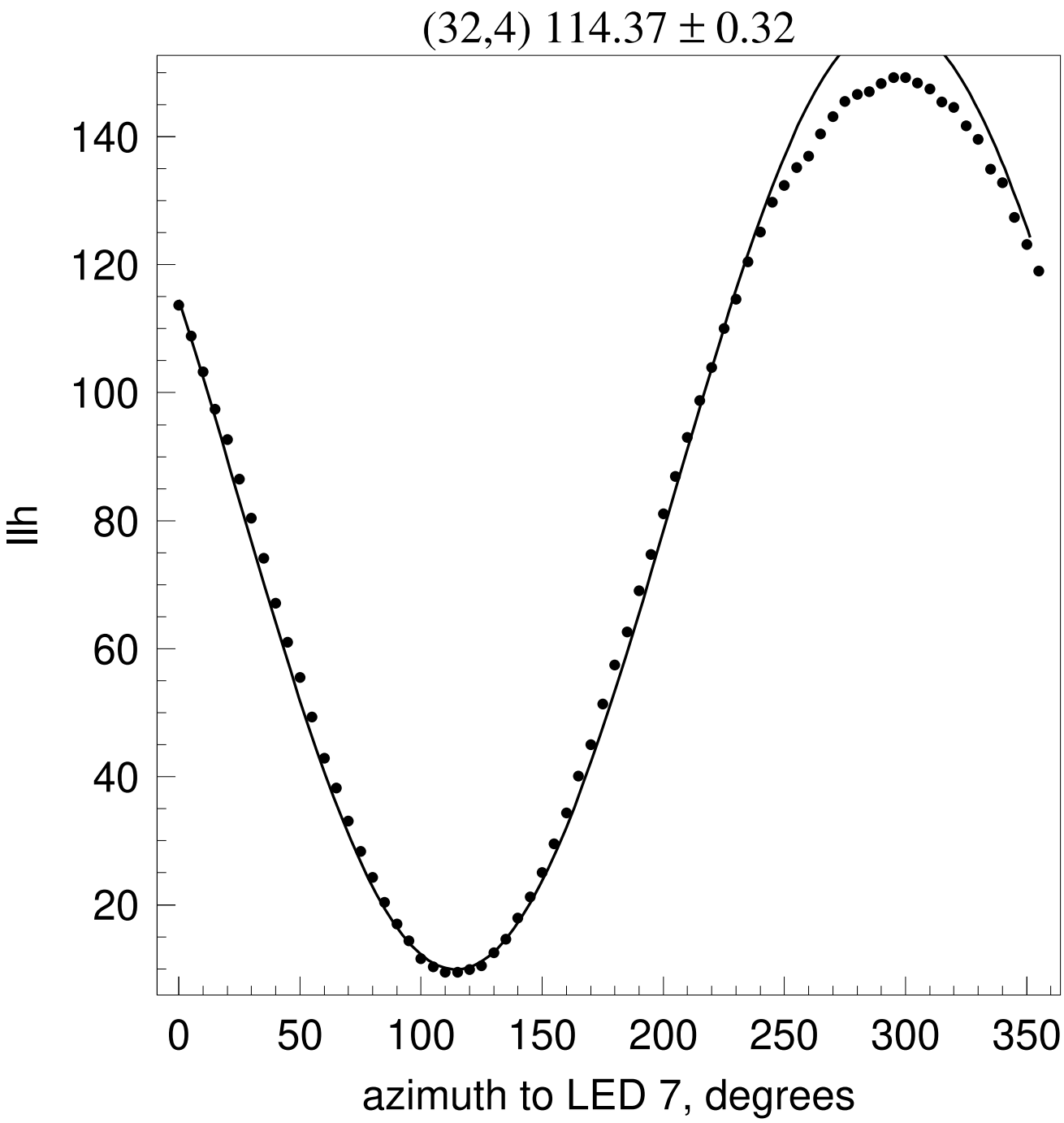

(31,59) 344.11 ± 0.60
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

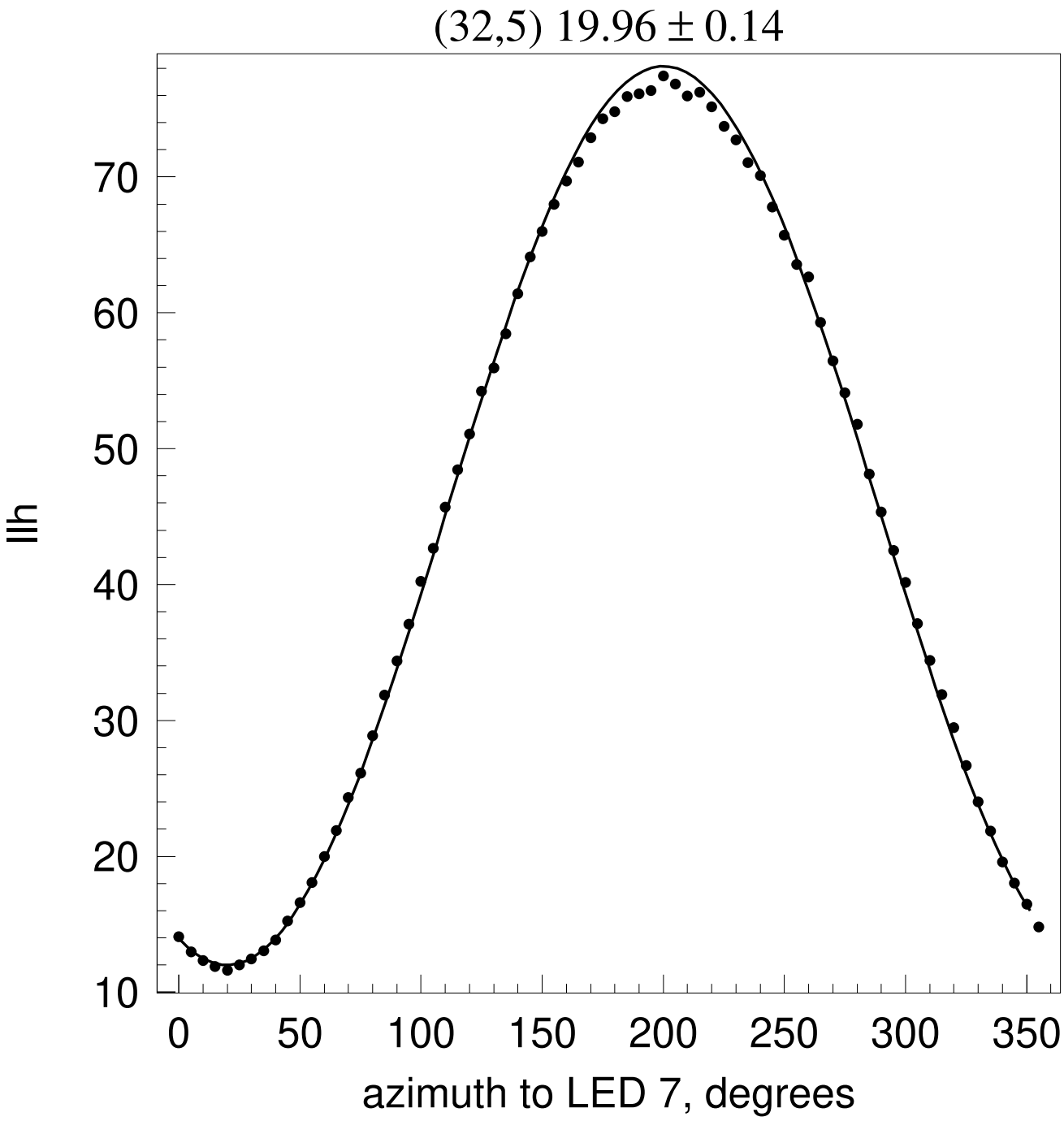

(31,60) 237.51 ± 0.50
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

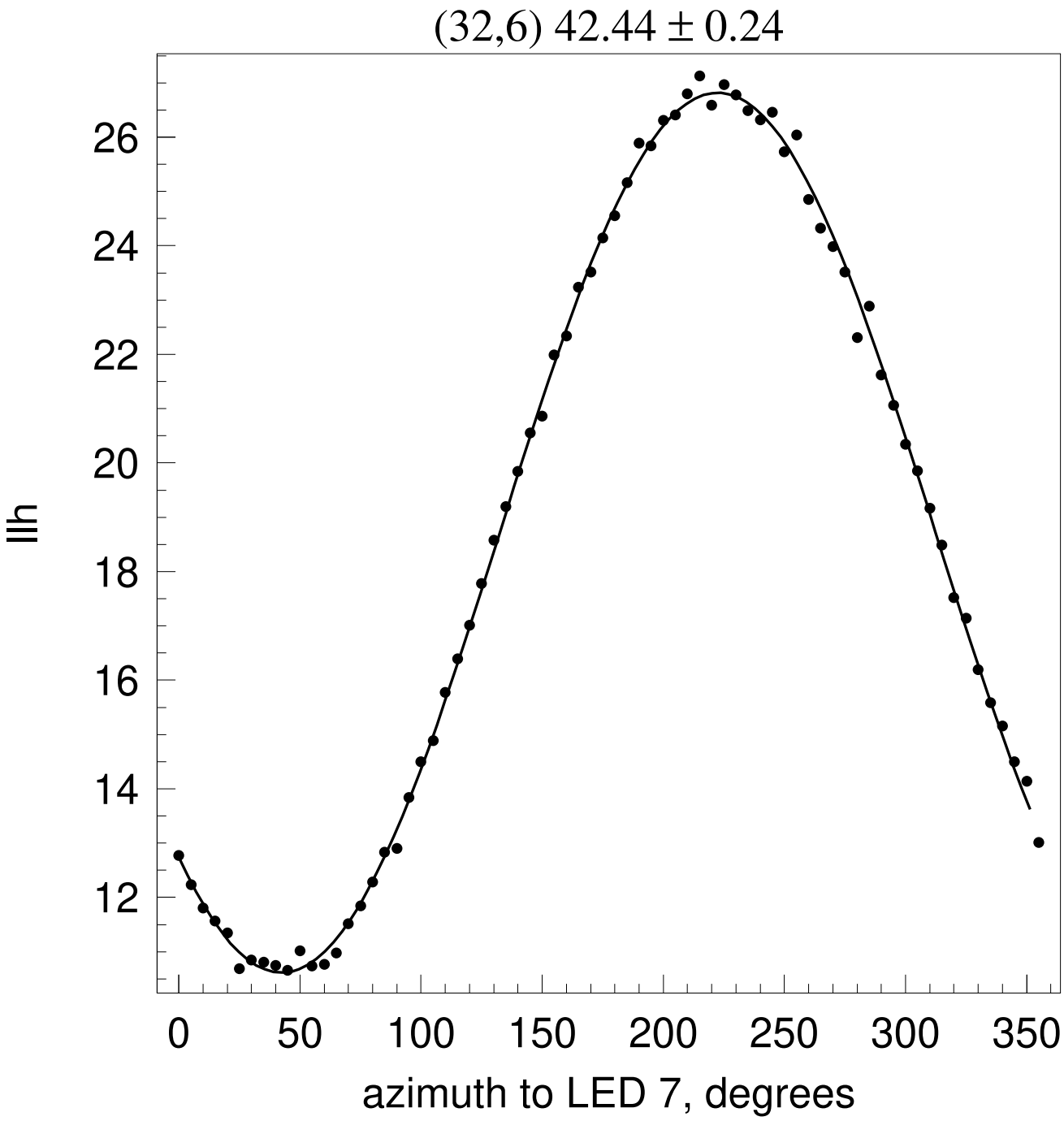

(32,1) 58.16 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

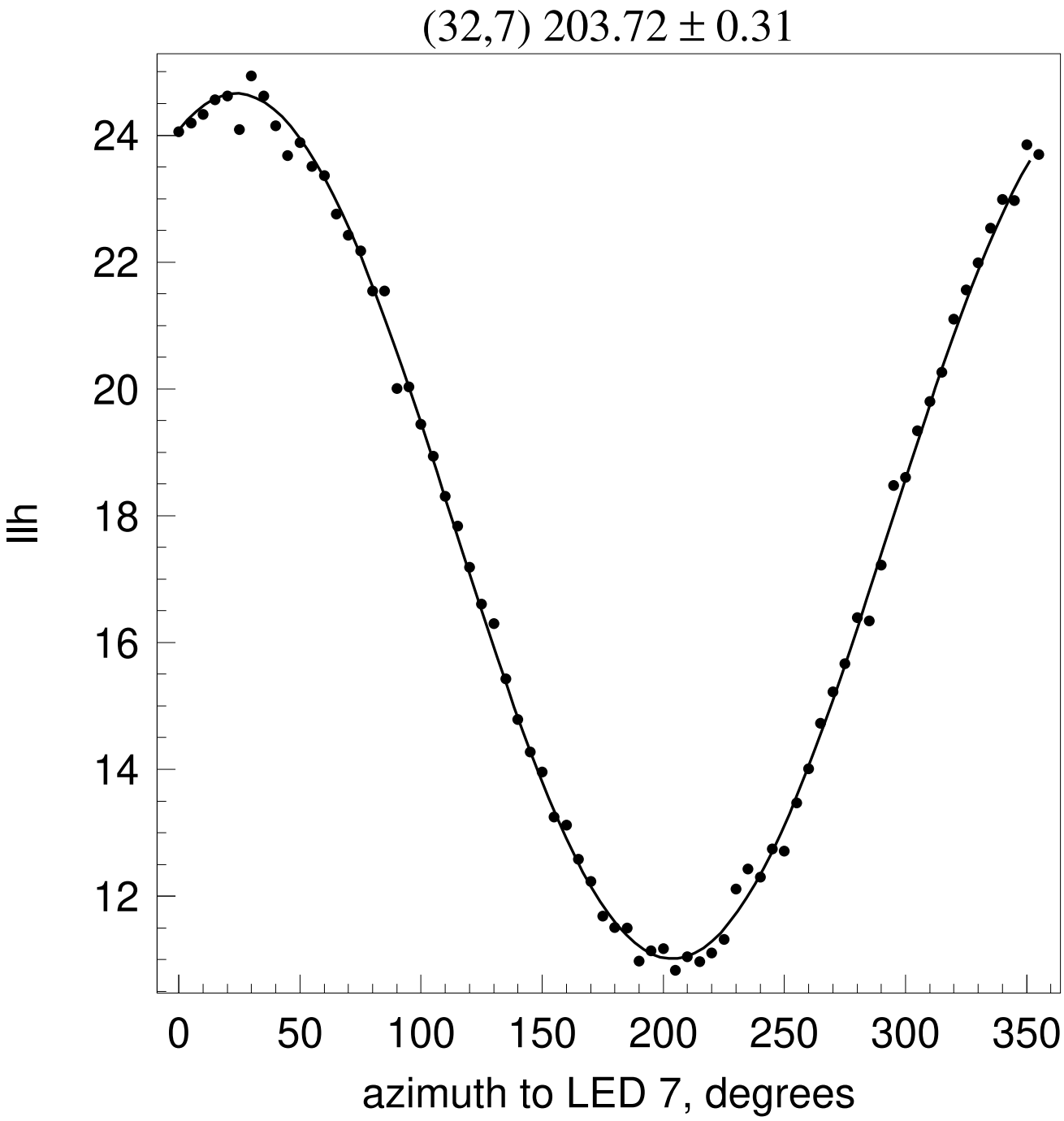

(32,2) 147.25 ± 0.15
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

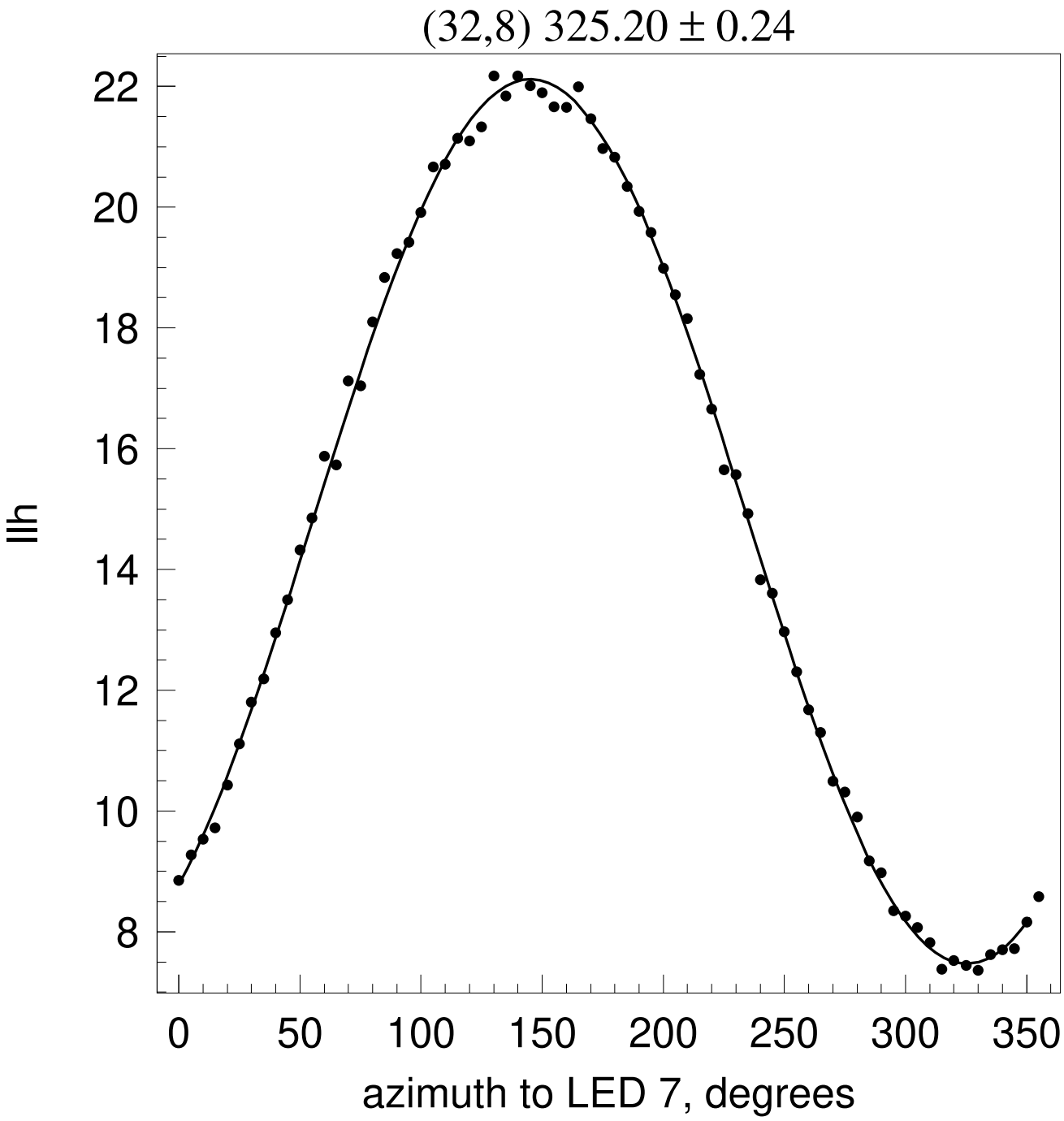

(32,3) 142.89 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

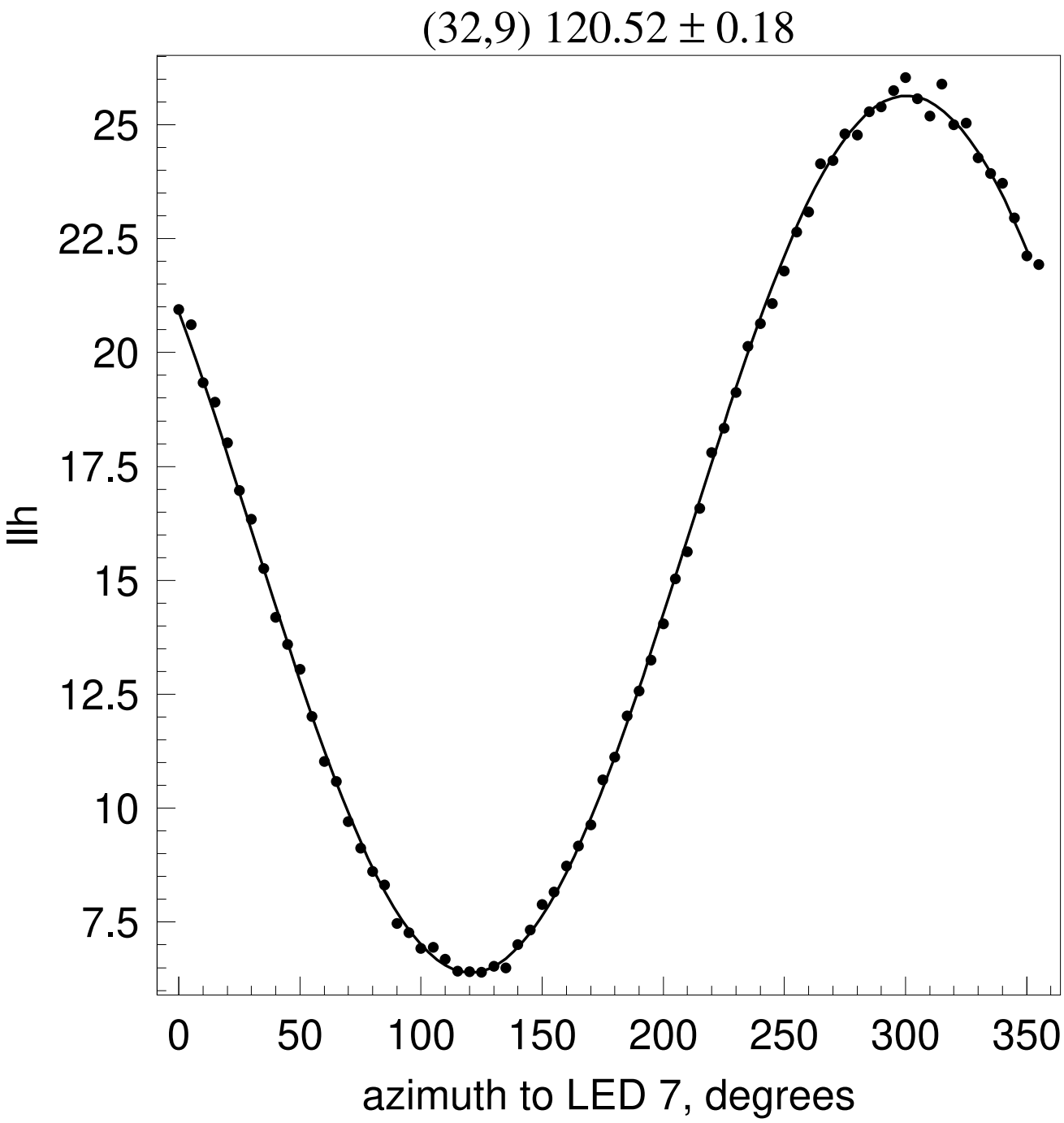

(32,4) 114.37 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

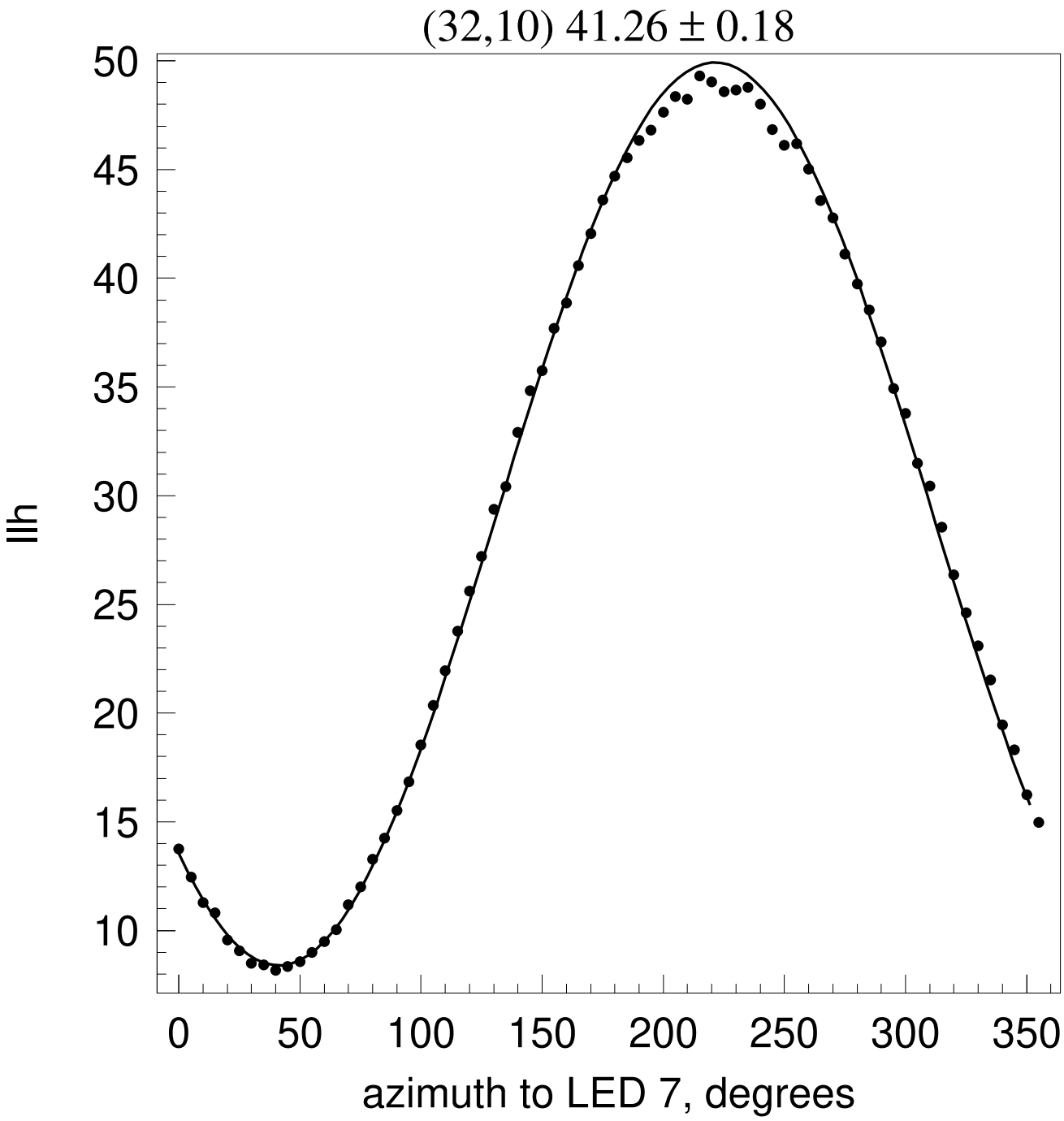

(32,5) 19.96 ± 0.14
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

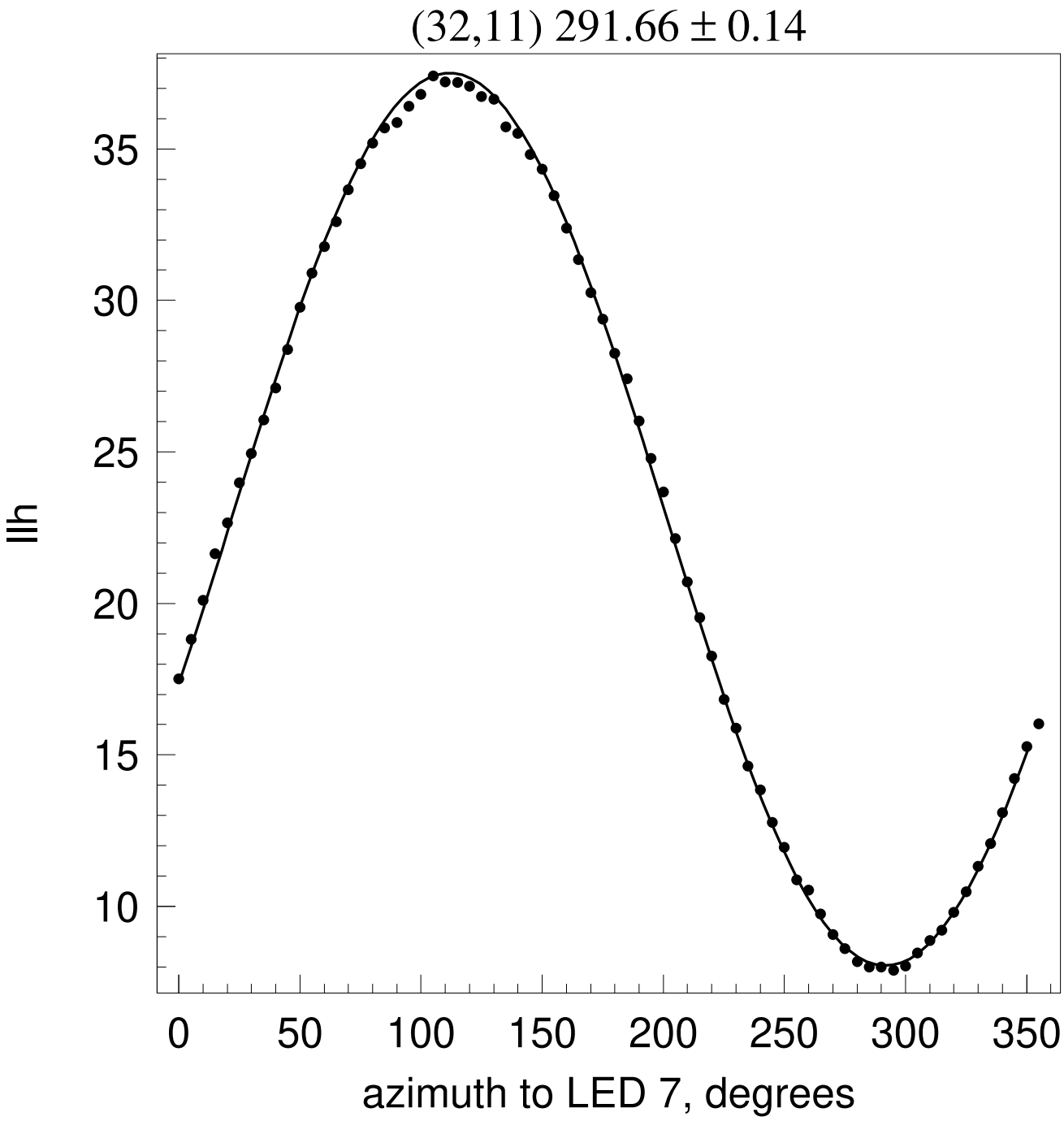

(32,6) 42.44 ± 0.24
26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

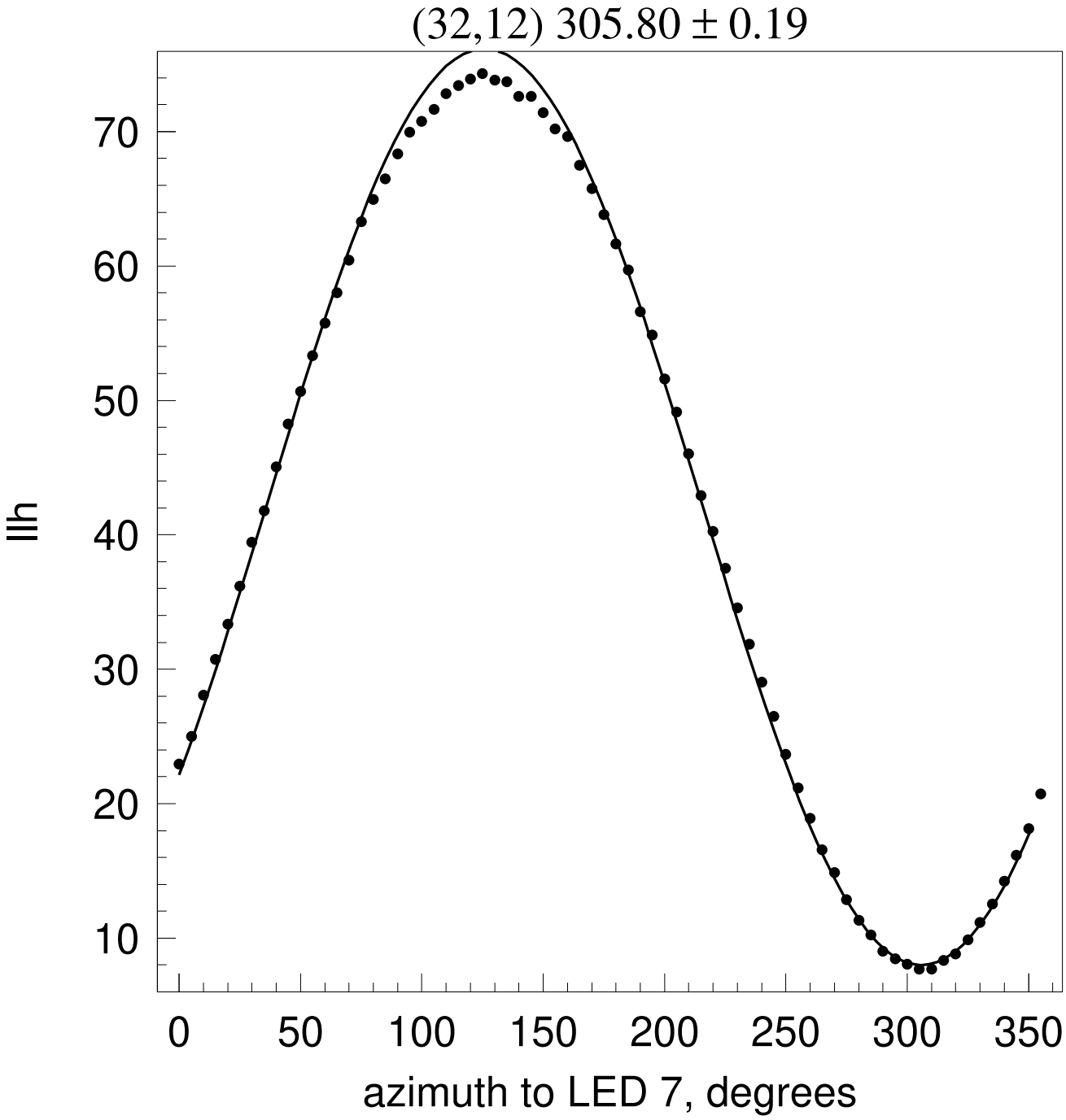

(32,7) 203.72 ± 0.31
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

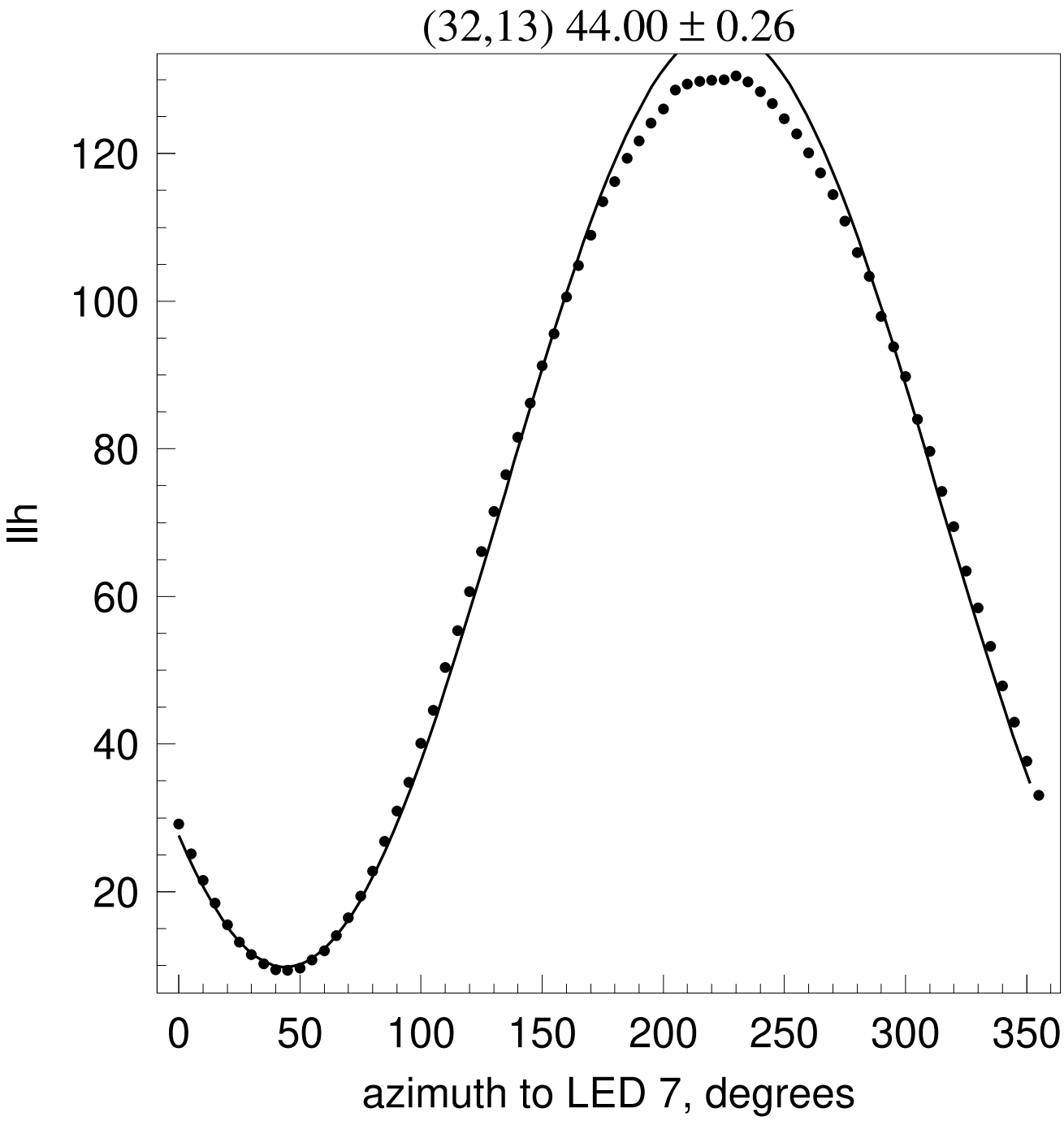

(32,8) 325.20 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

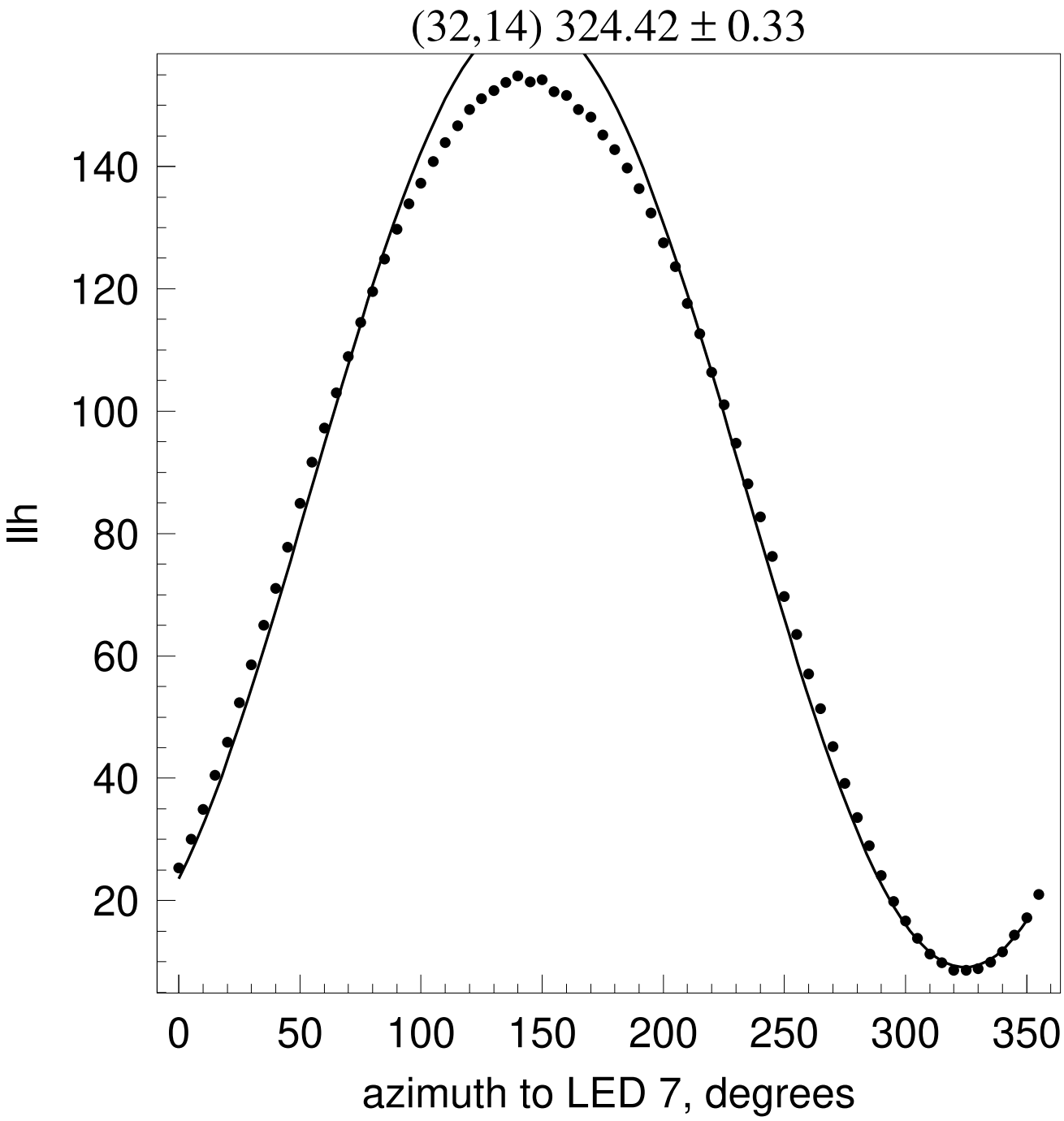

(32,9) 120.52 ± 0.18
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

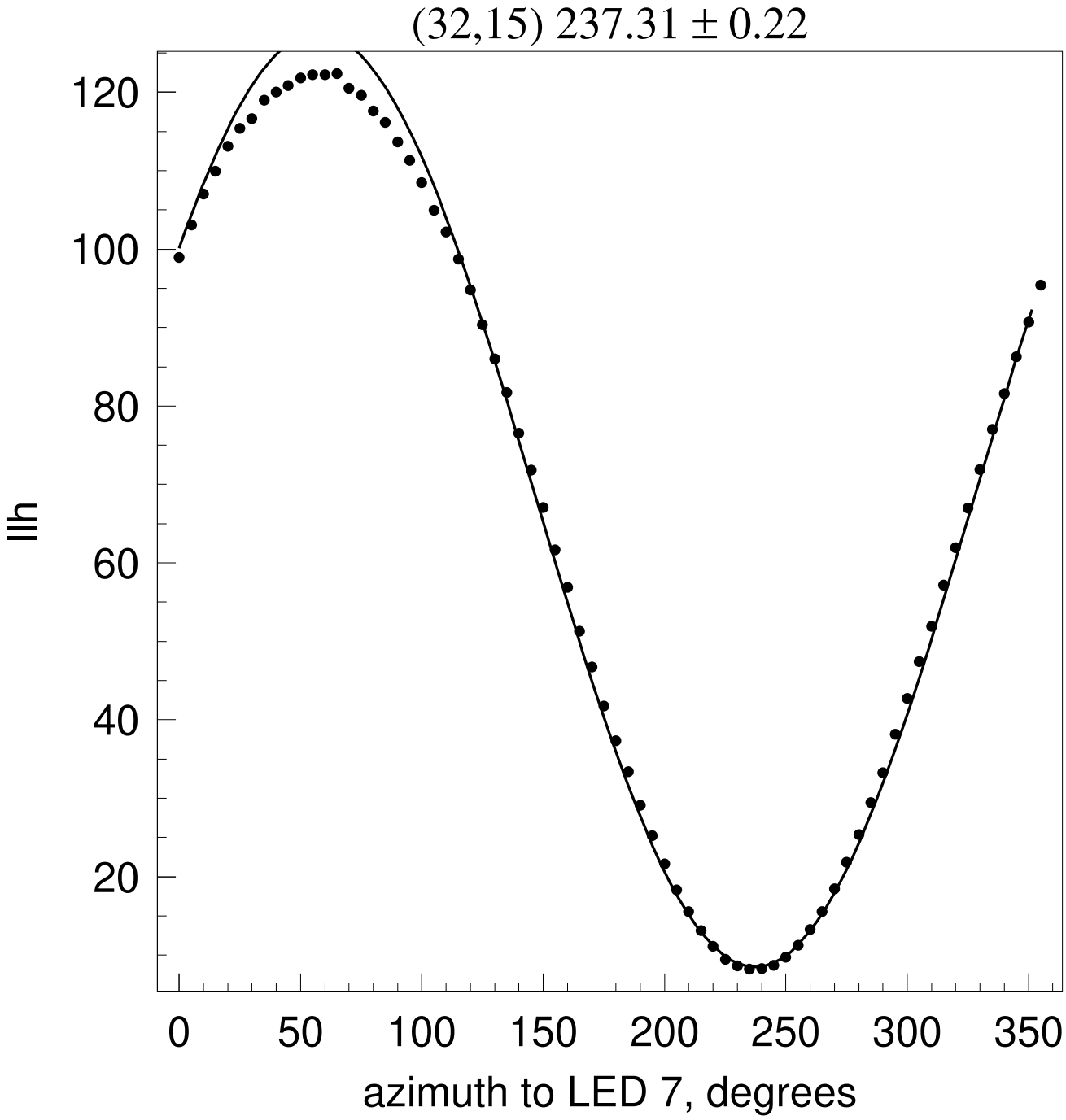

(32,10) 41.26 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

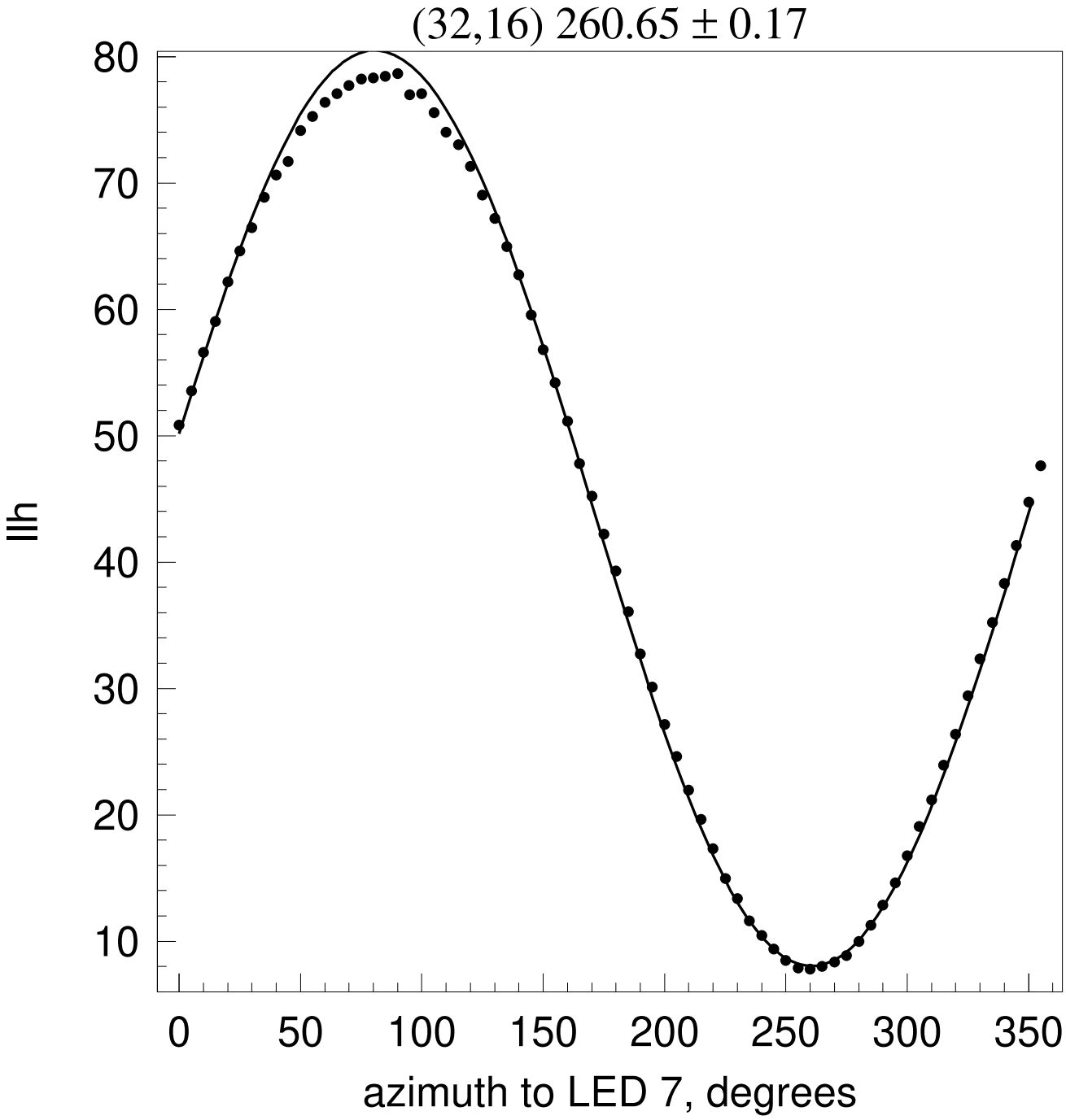

(32,11) 291.66 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

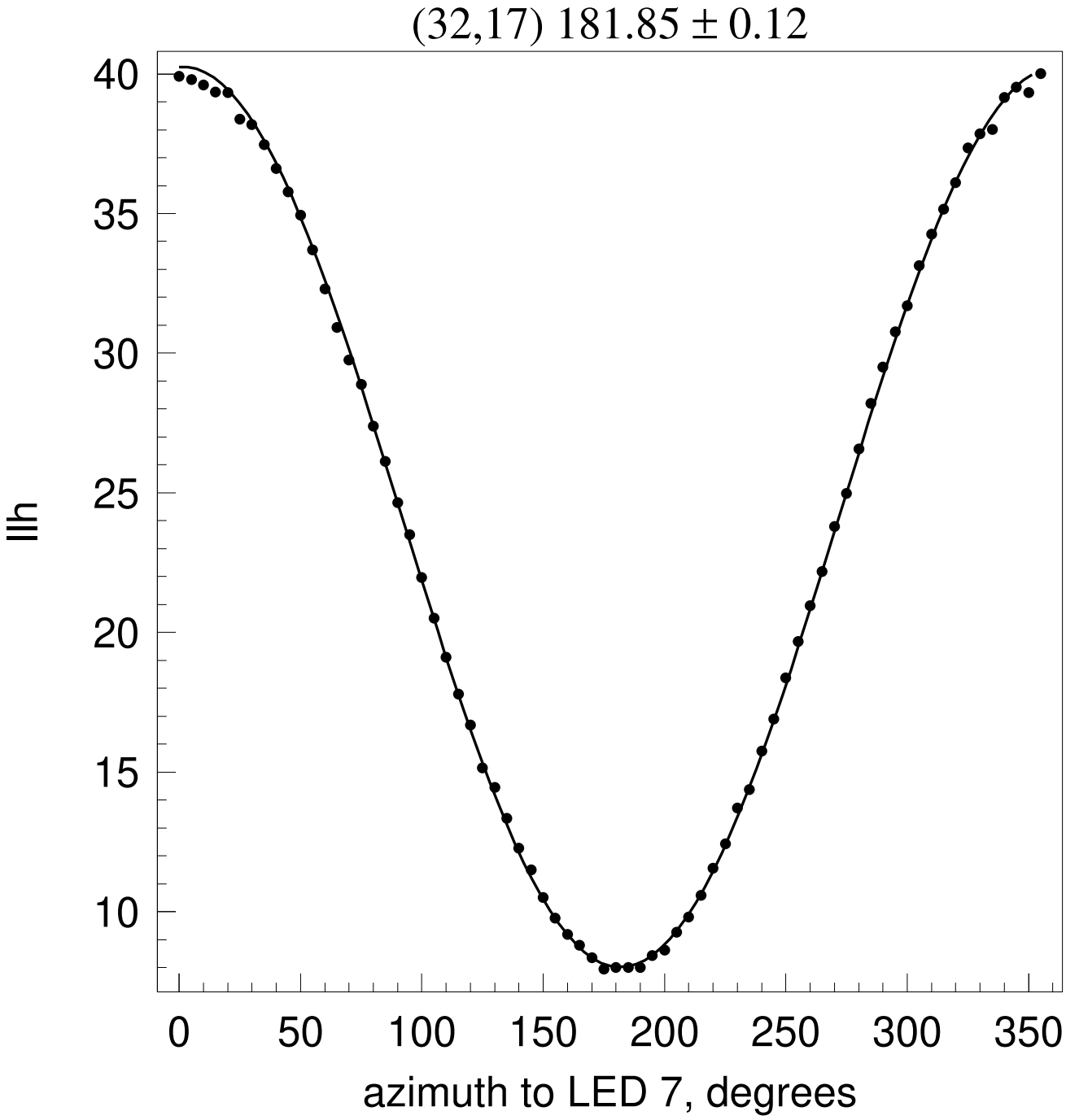

(32,12) 305.80 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

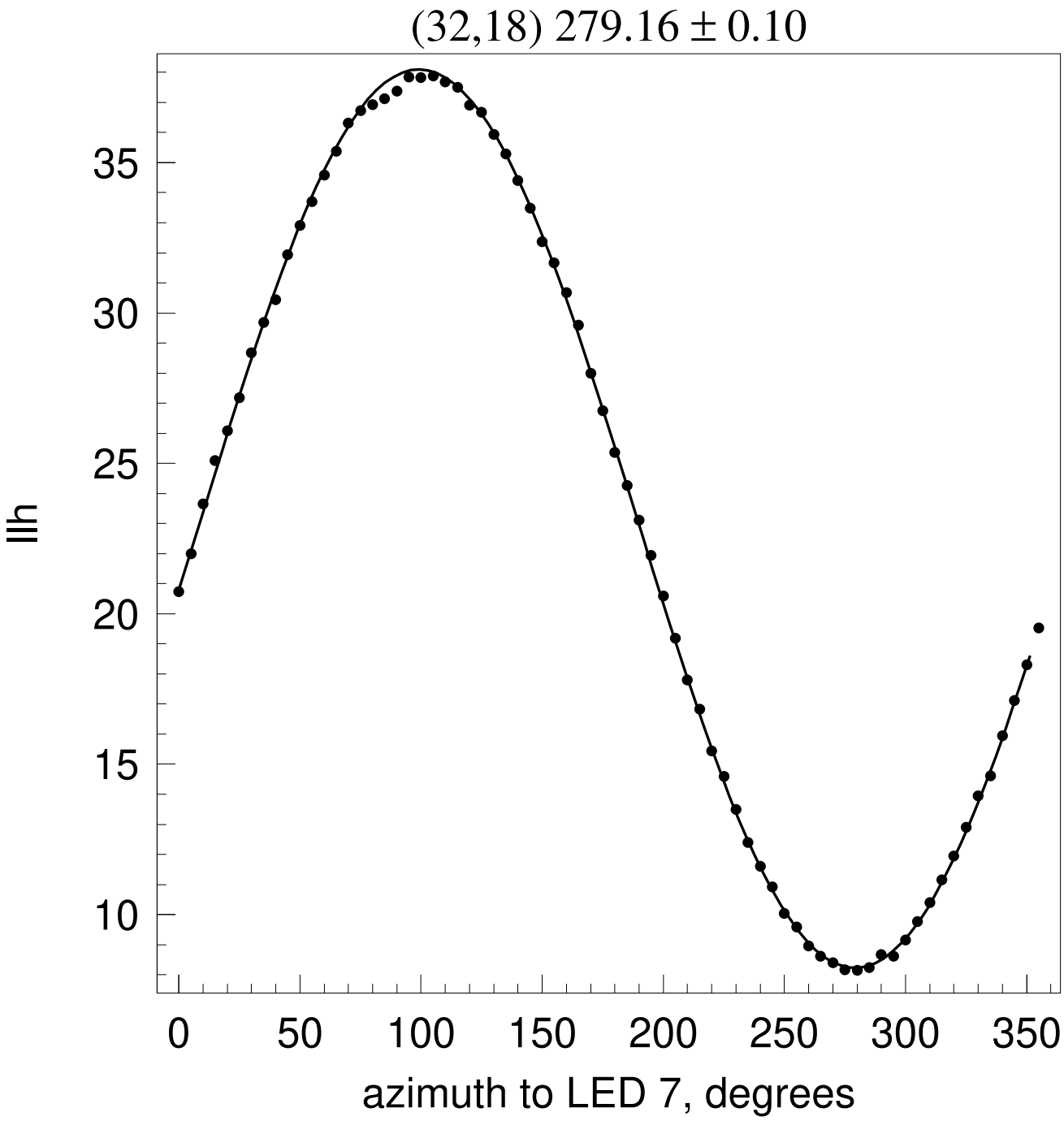

(32,13) 44.00 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

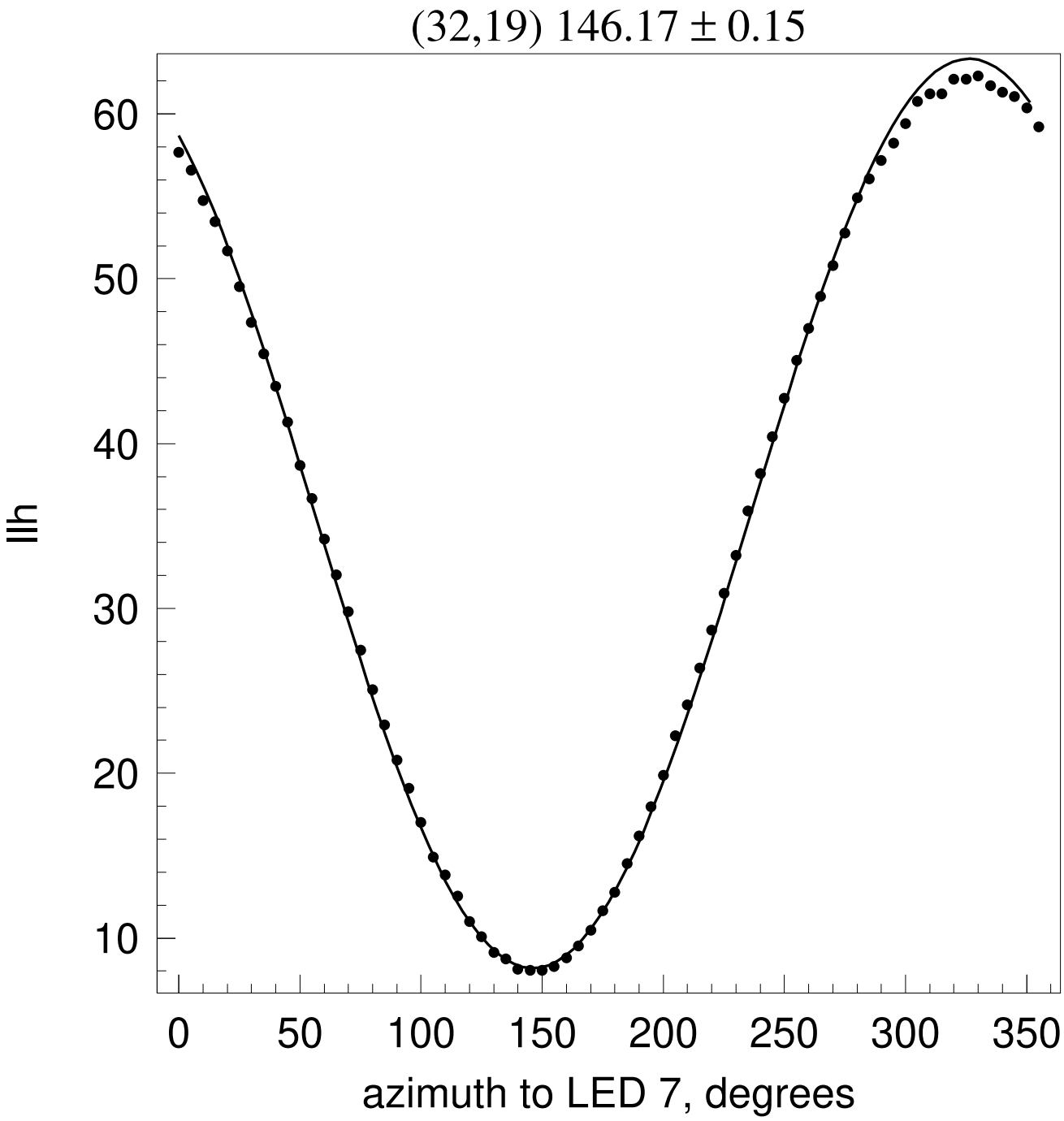

(32,14) 324.42 ± 0.33
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

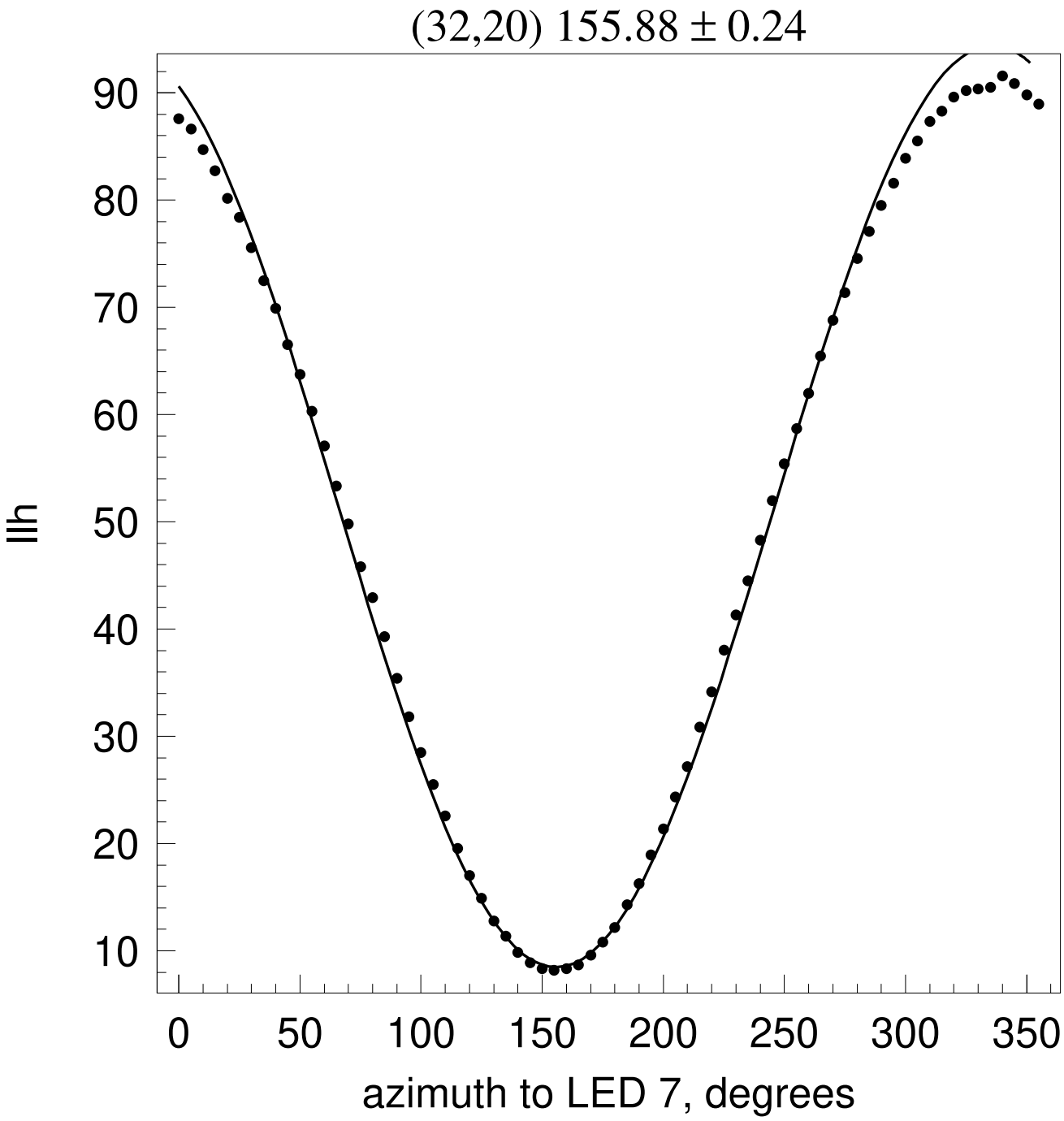

(32,15) 237.31 ± 0.22
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

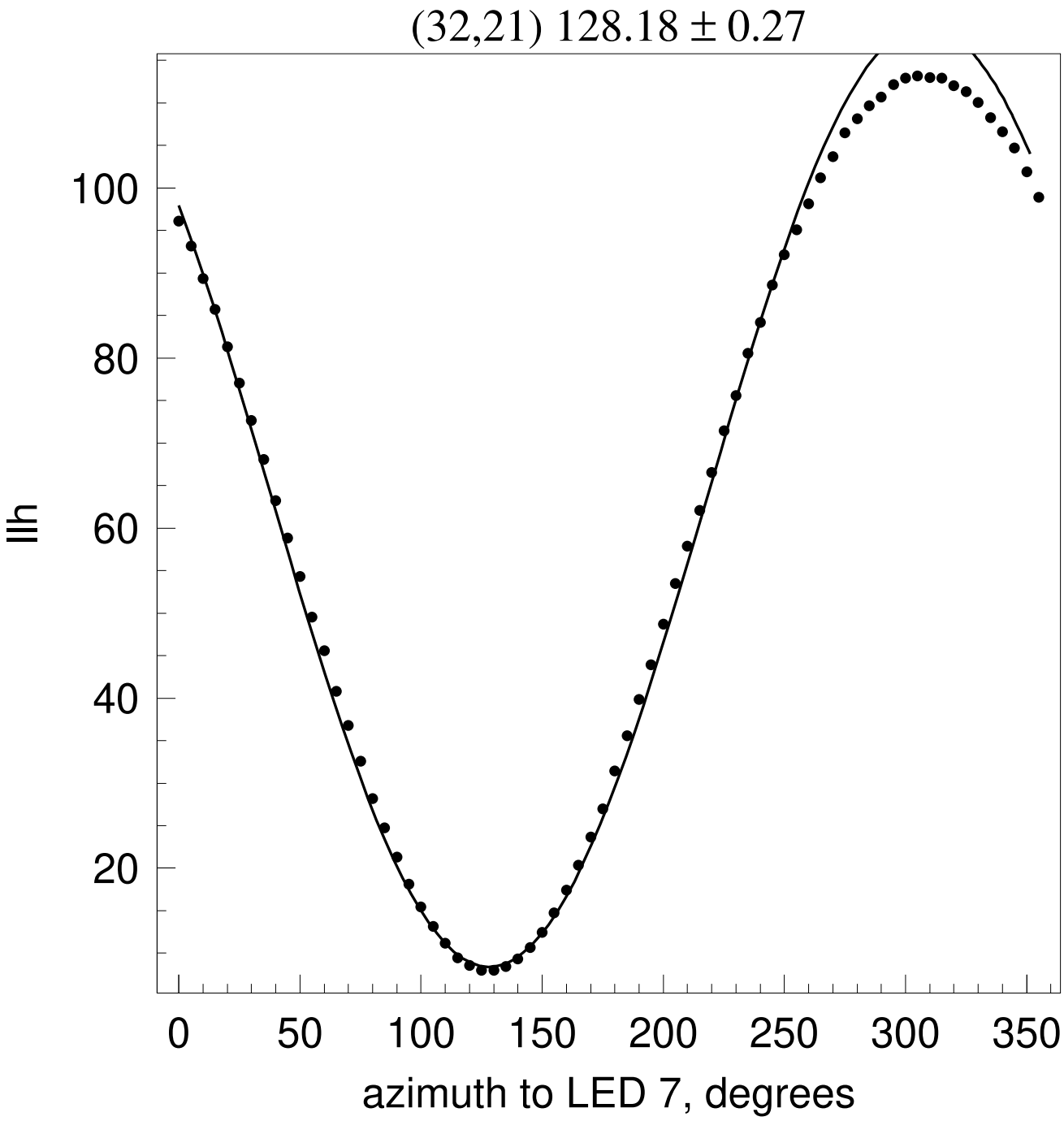

(32,16) 260.65 ± 0.17
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

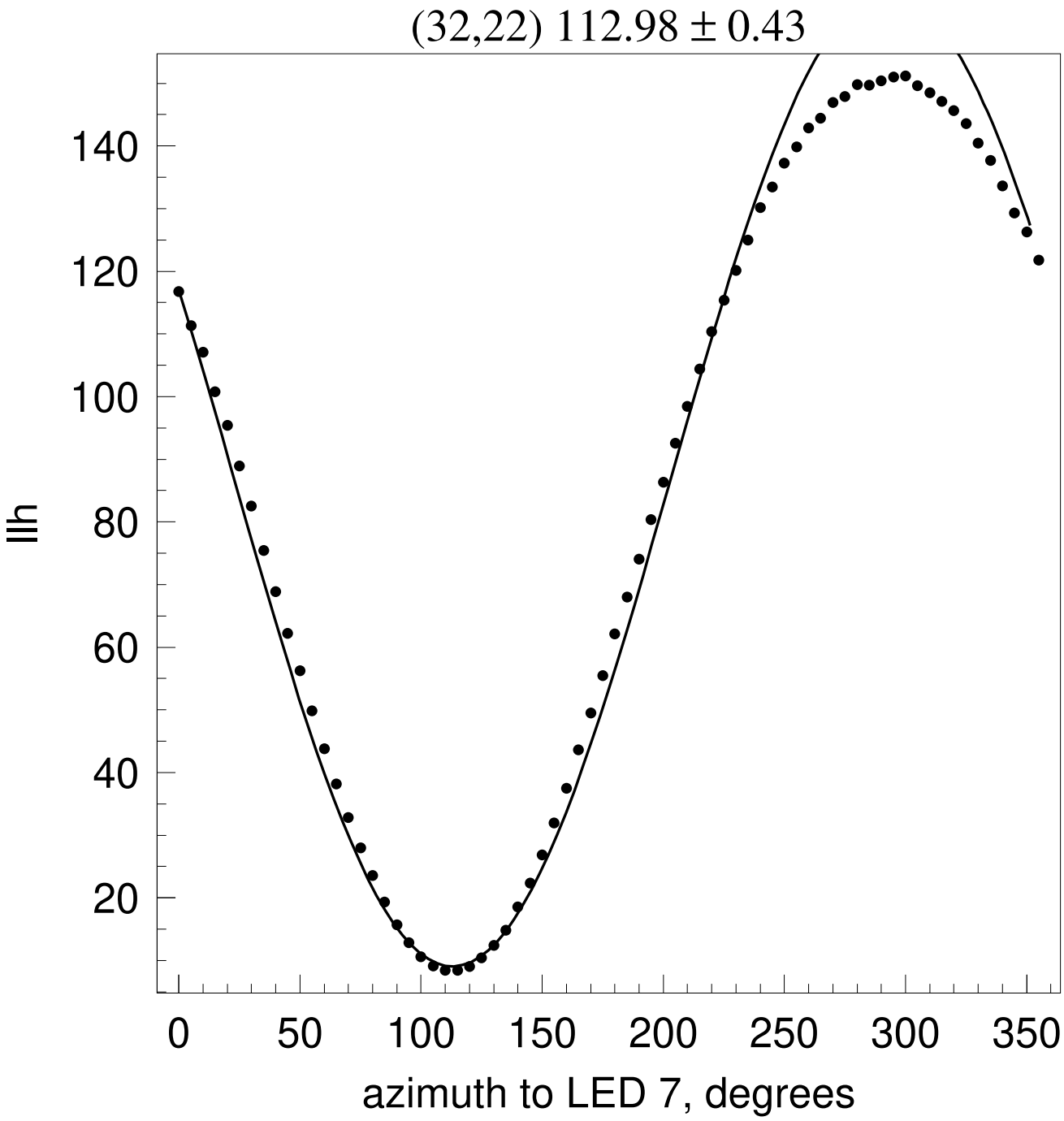

(32,17) 181.85 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

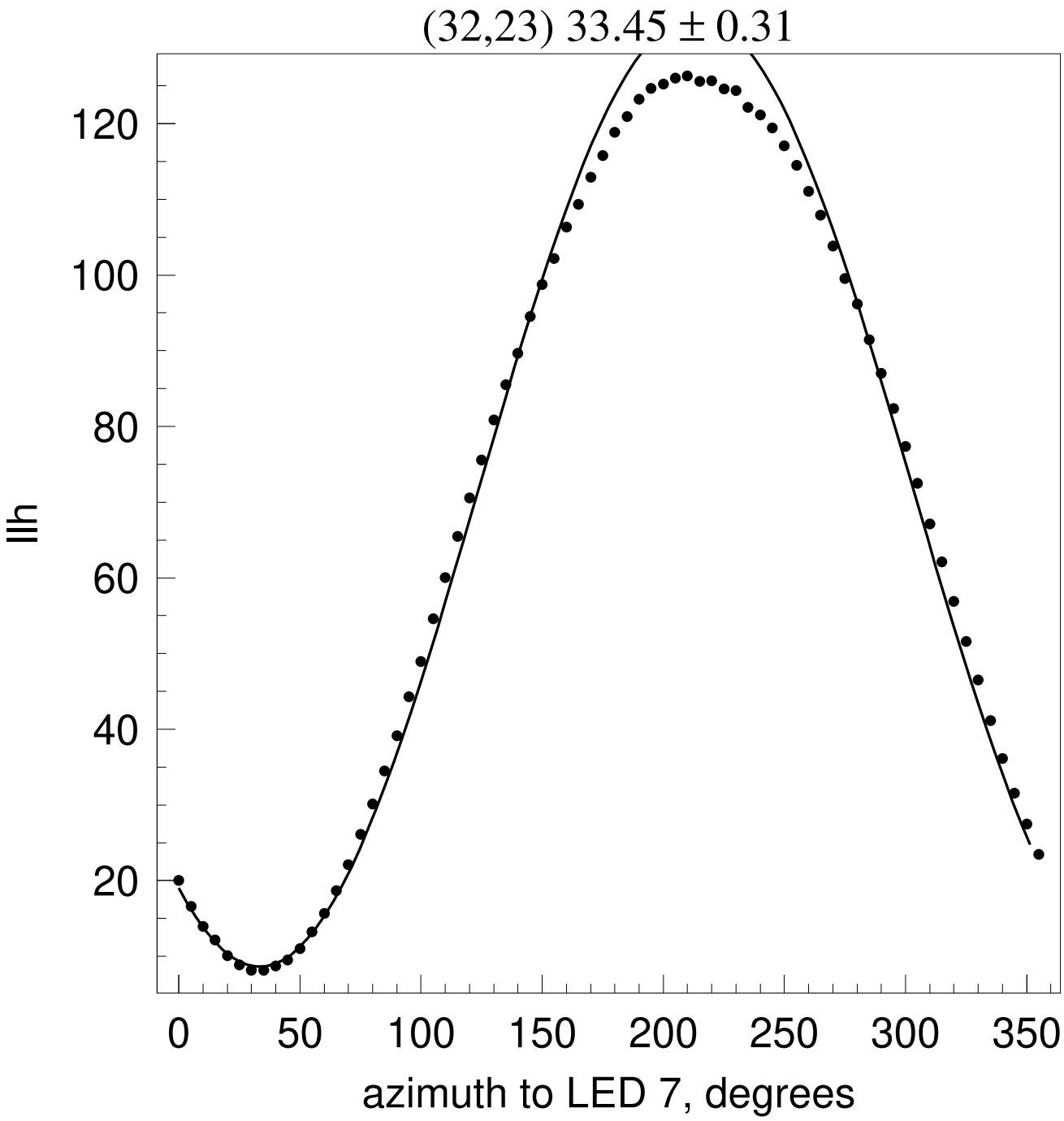

(32,18) 279.16 ± 0.10
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

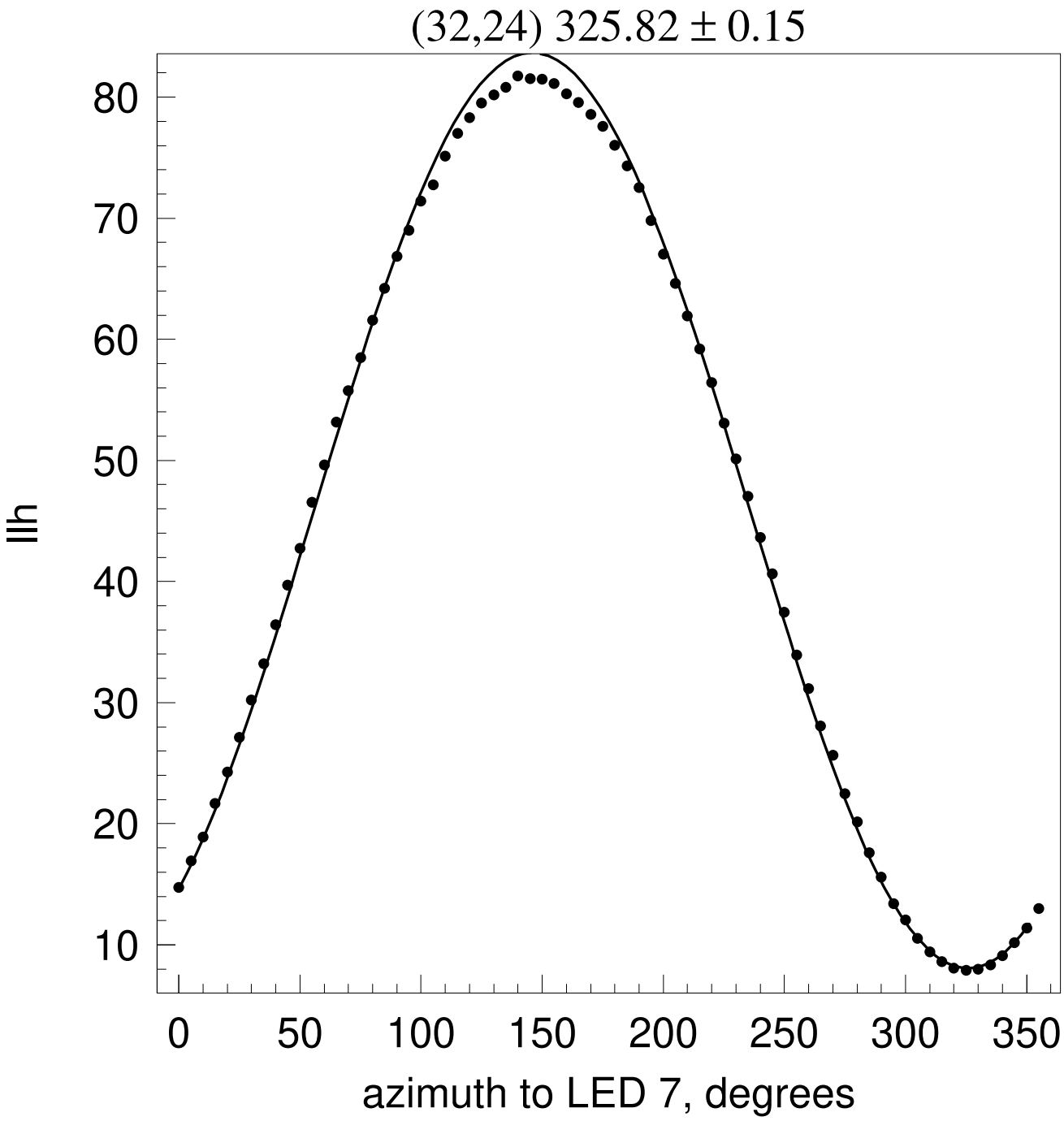

(32,19) 146.17 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

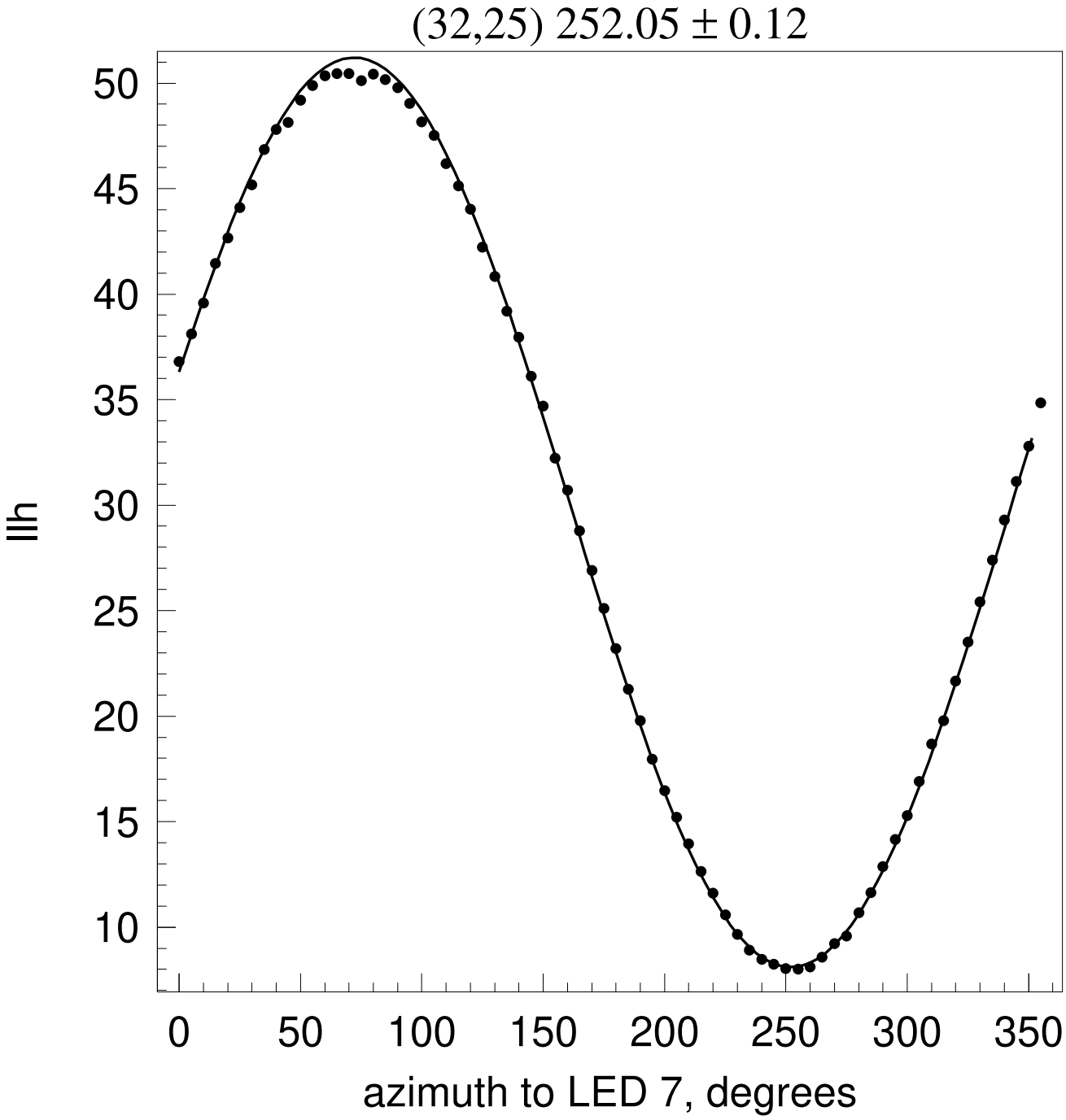

(32,20) 155.88 ± 0.24
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

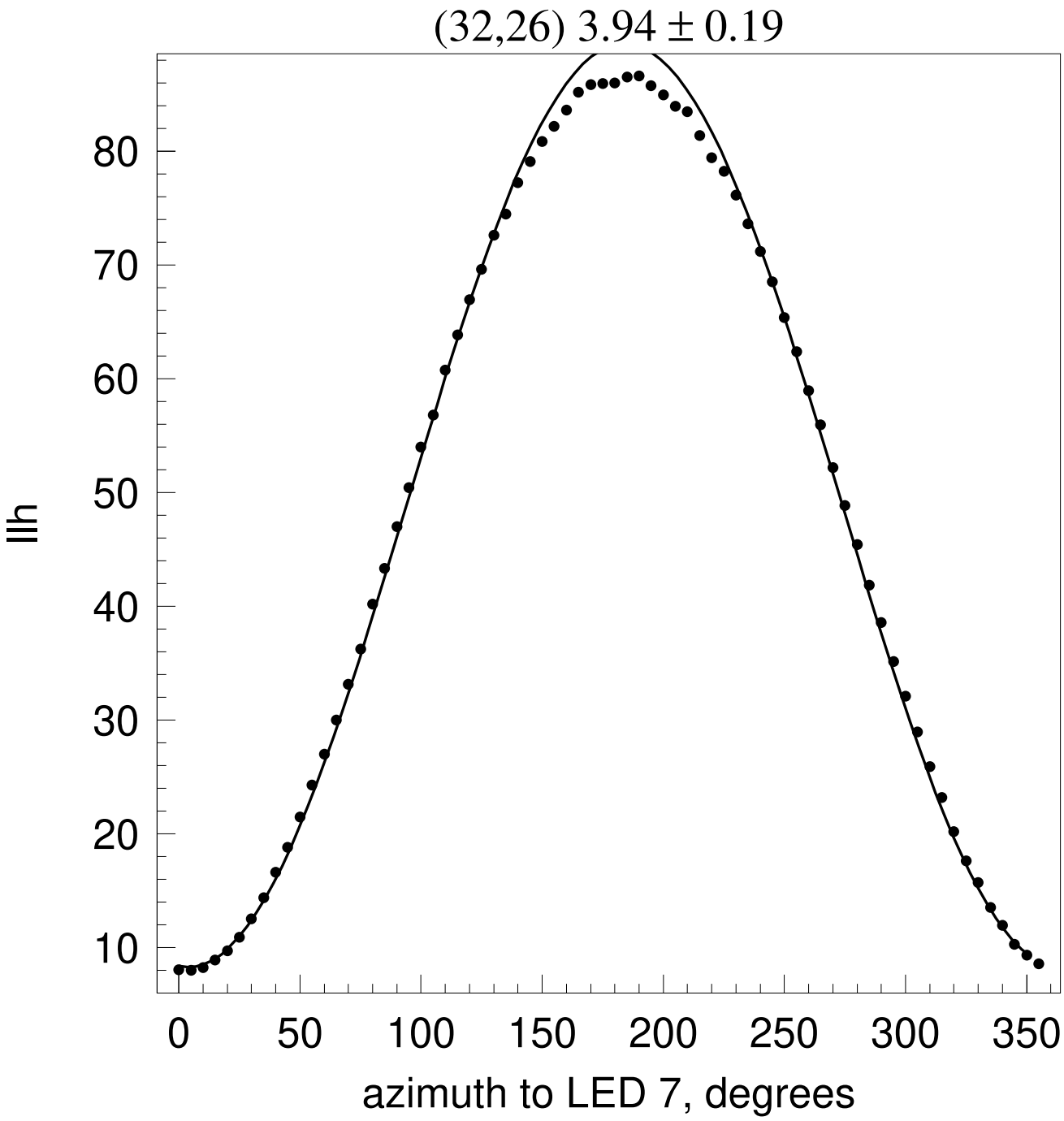

(32,21) 128.18 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

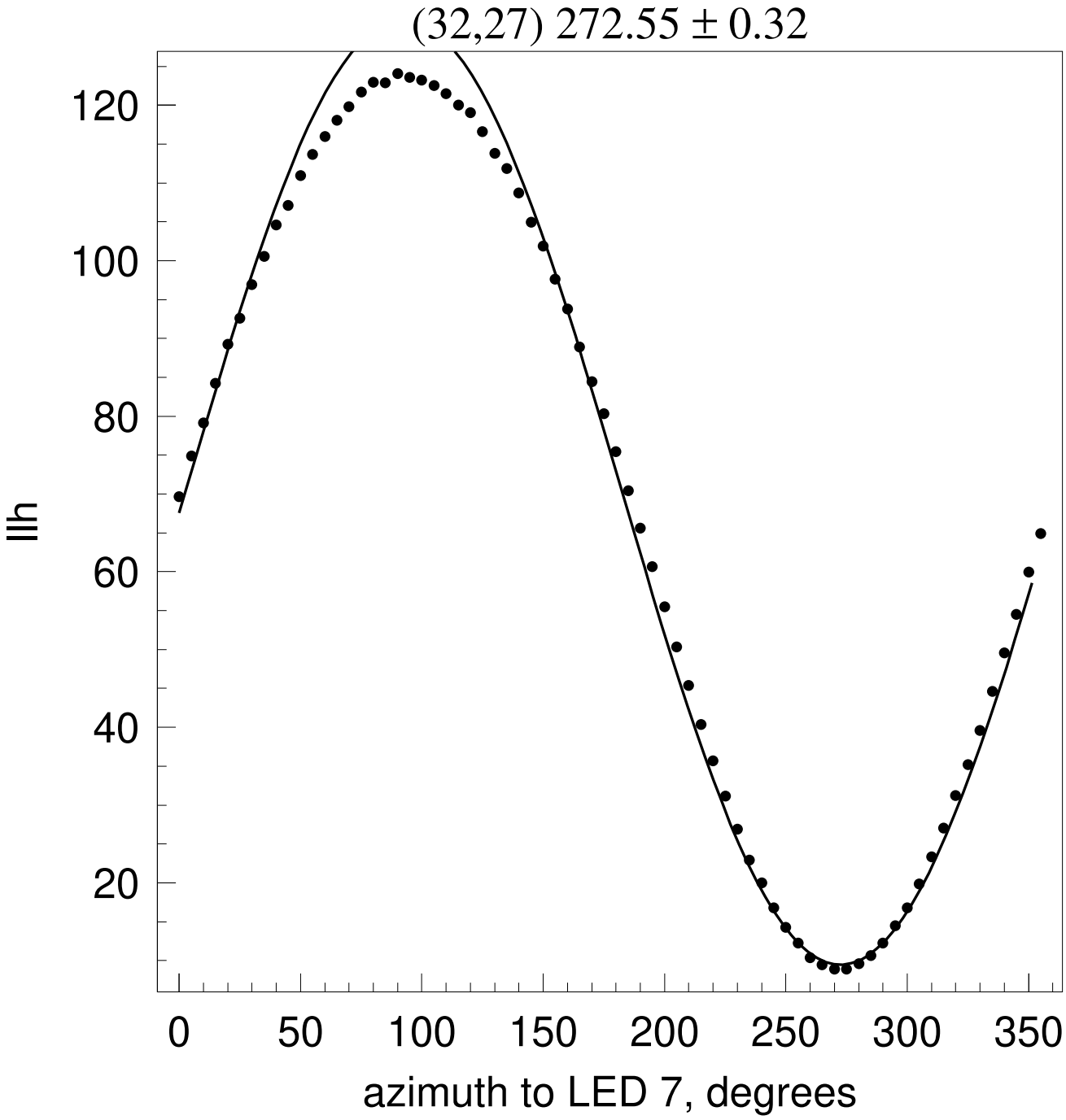

(32,22) 112.98 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

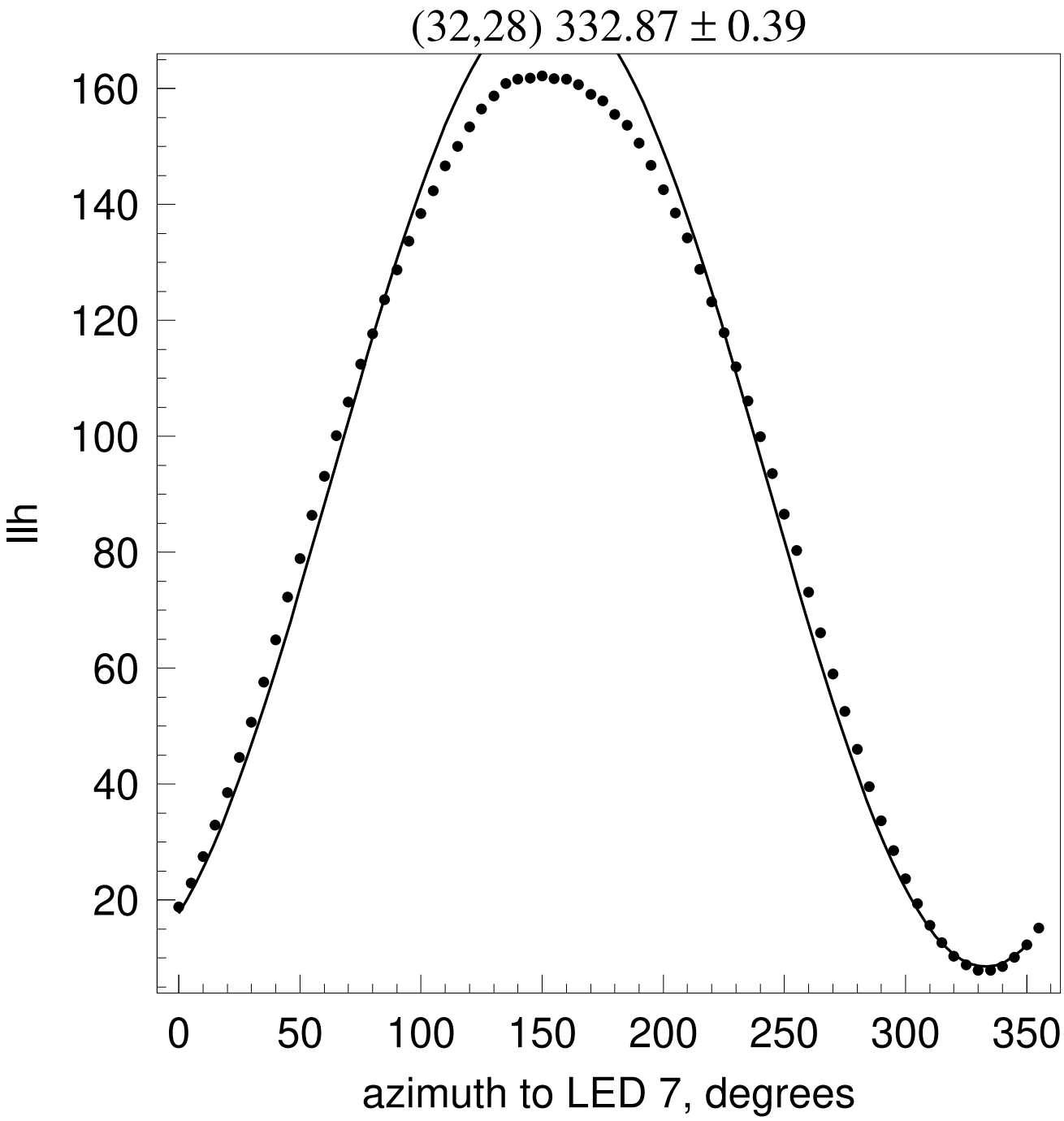

(32,23) 33.45 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

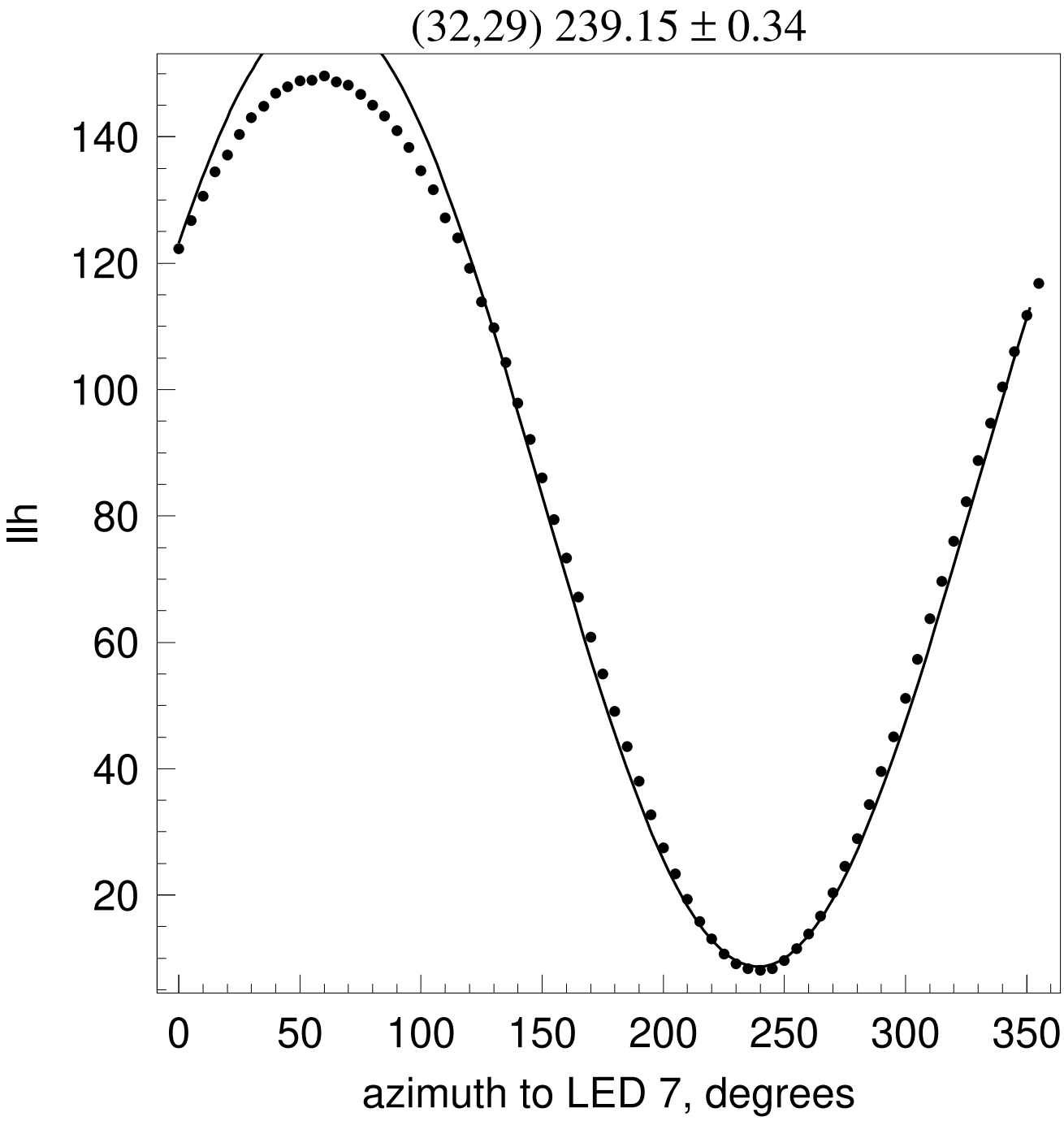

(32,24) 325.82 ± 0.15
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

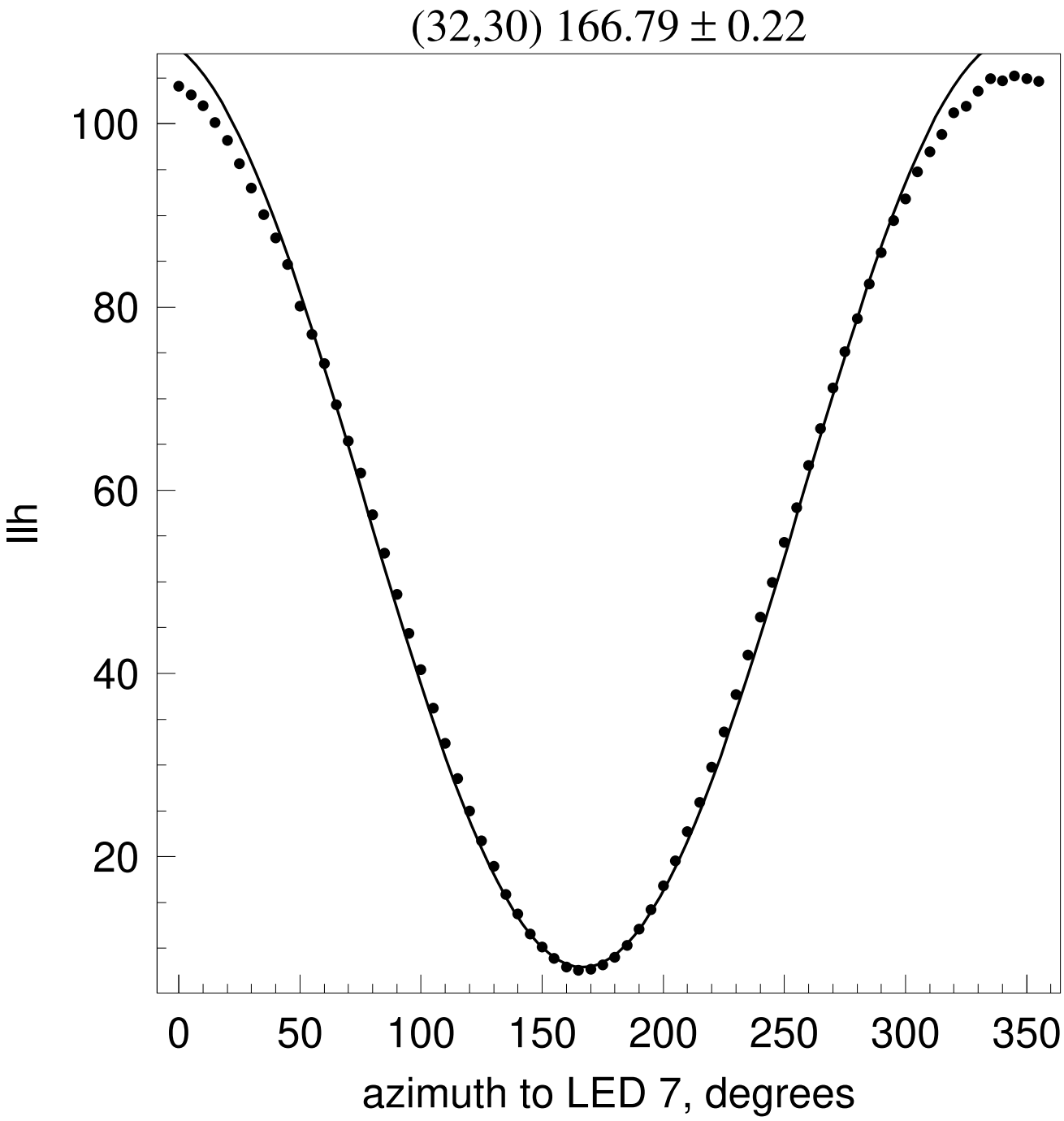

(32,25) 252.05 ± 0.12
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

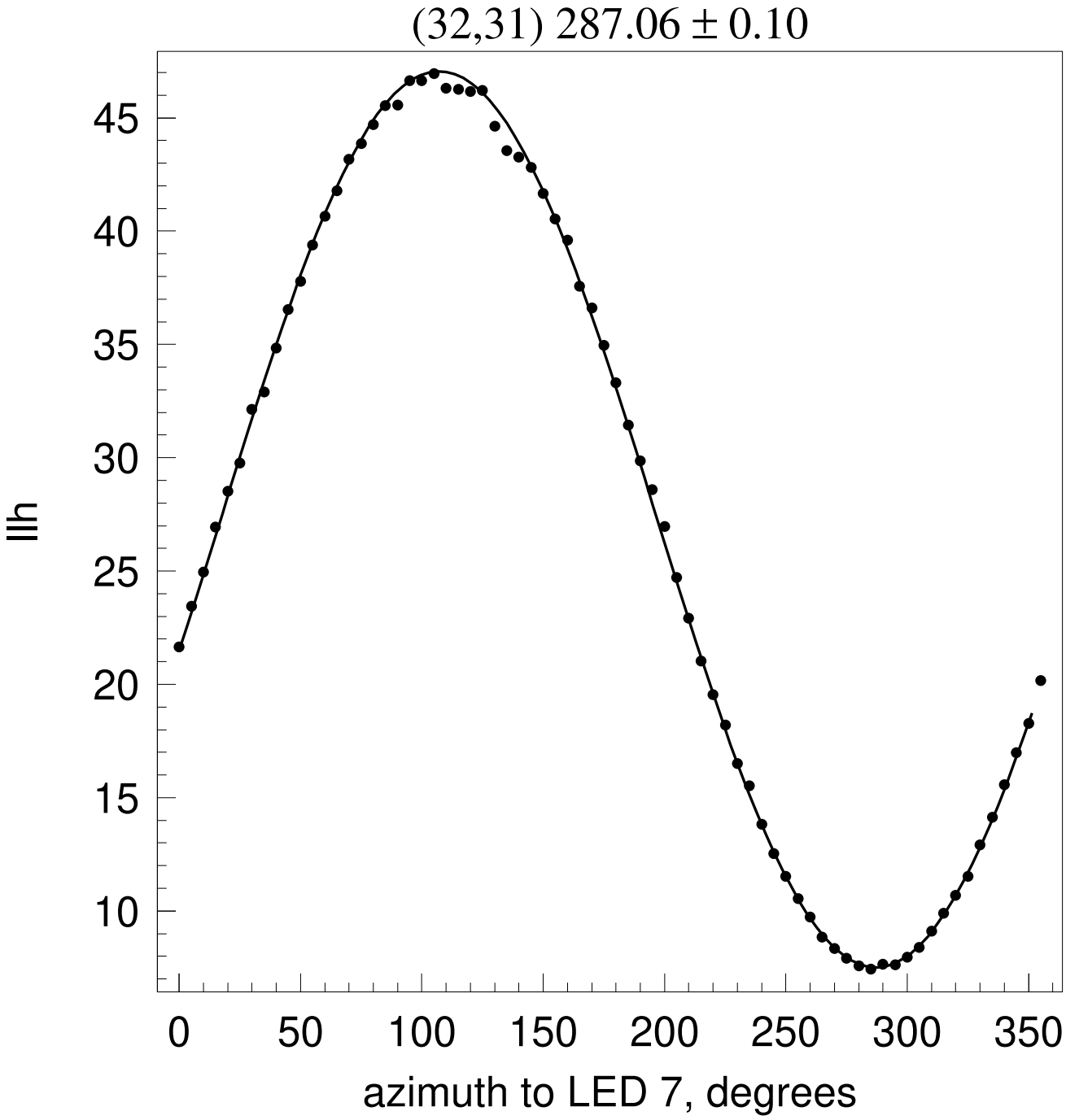

(32,26) 3.94 ± 0.19
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

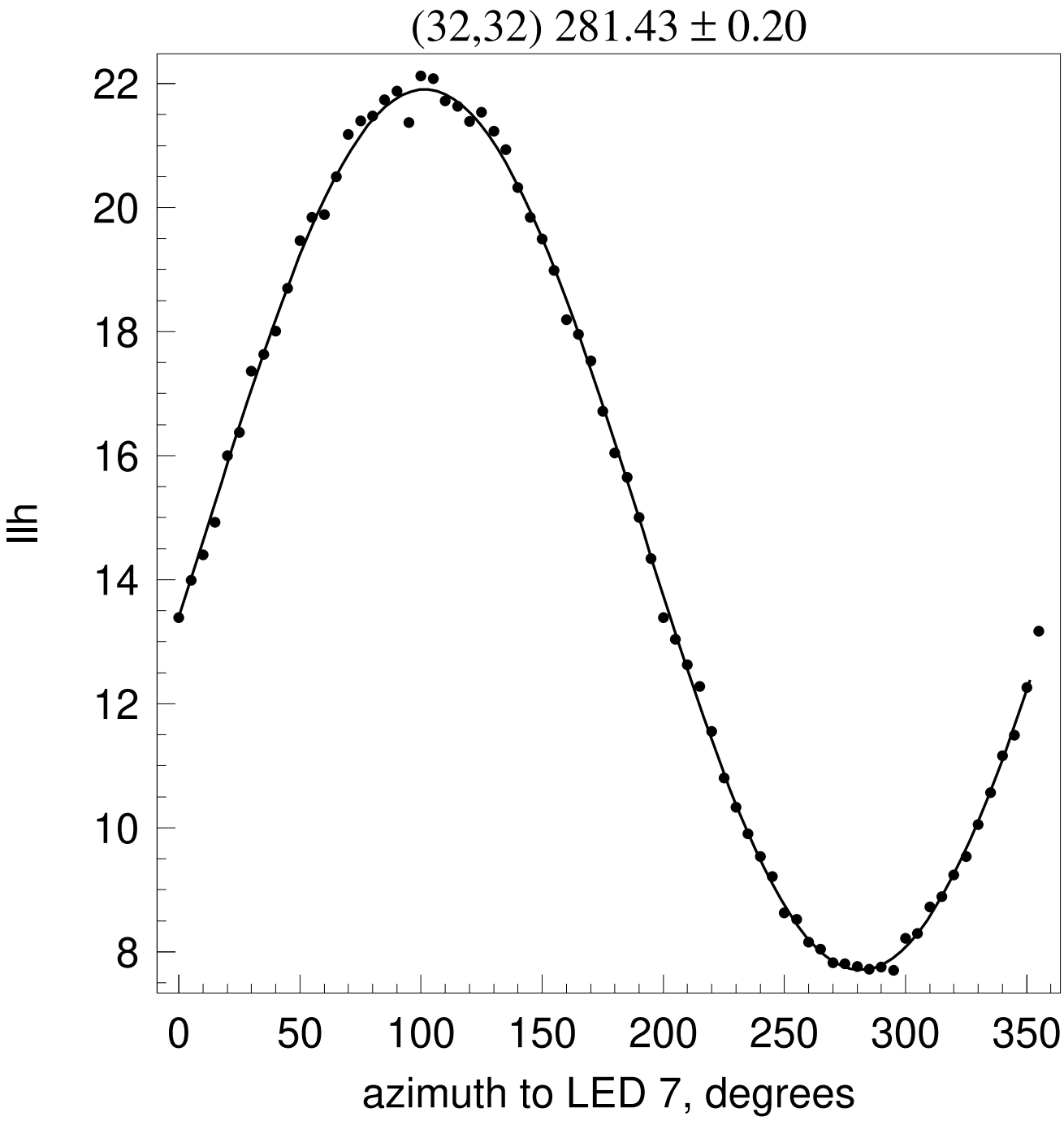

(32,27) 272.55 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

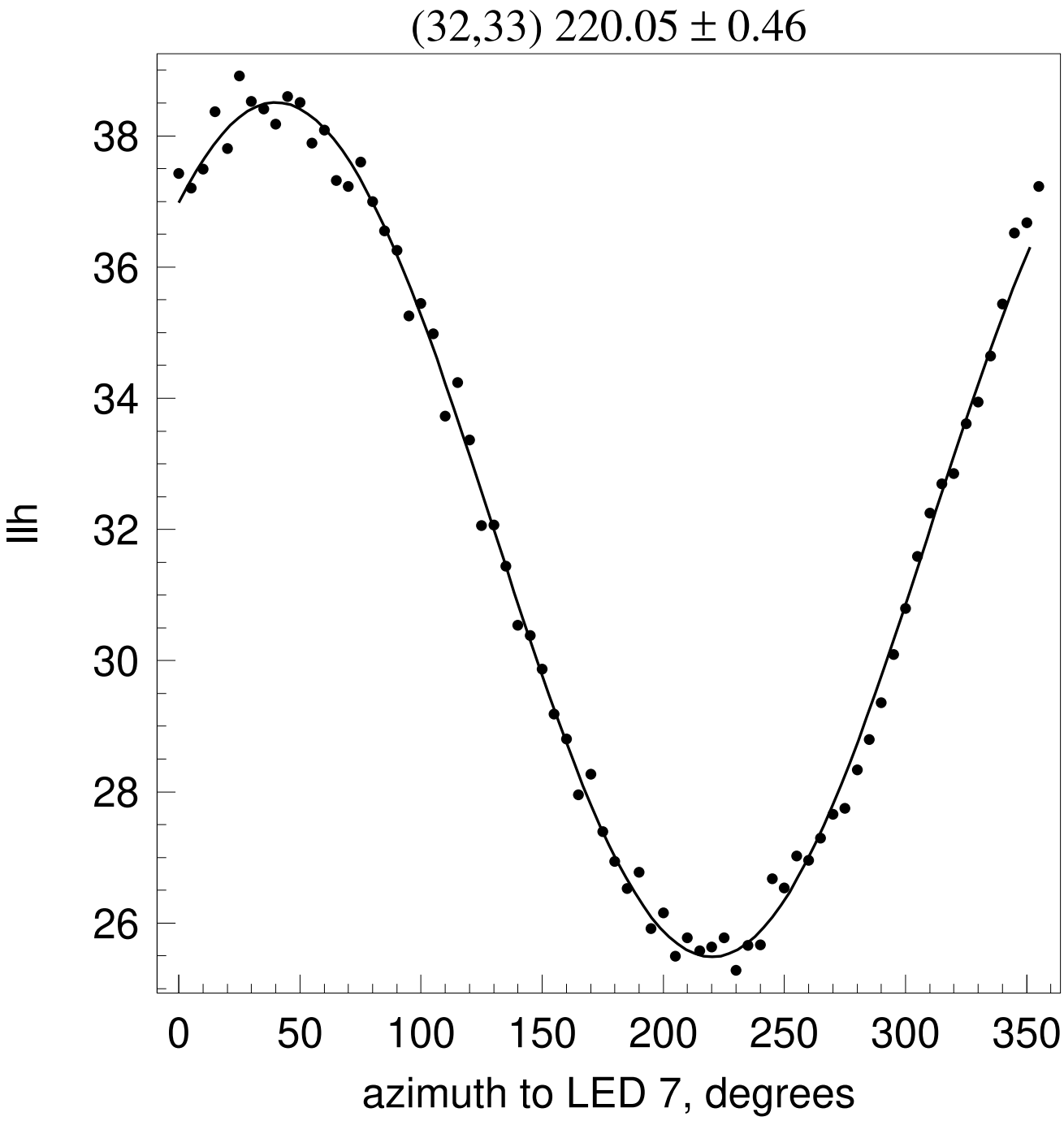

(32,28) 332.87 ± 0.39
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

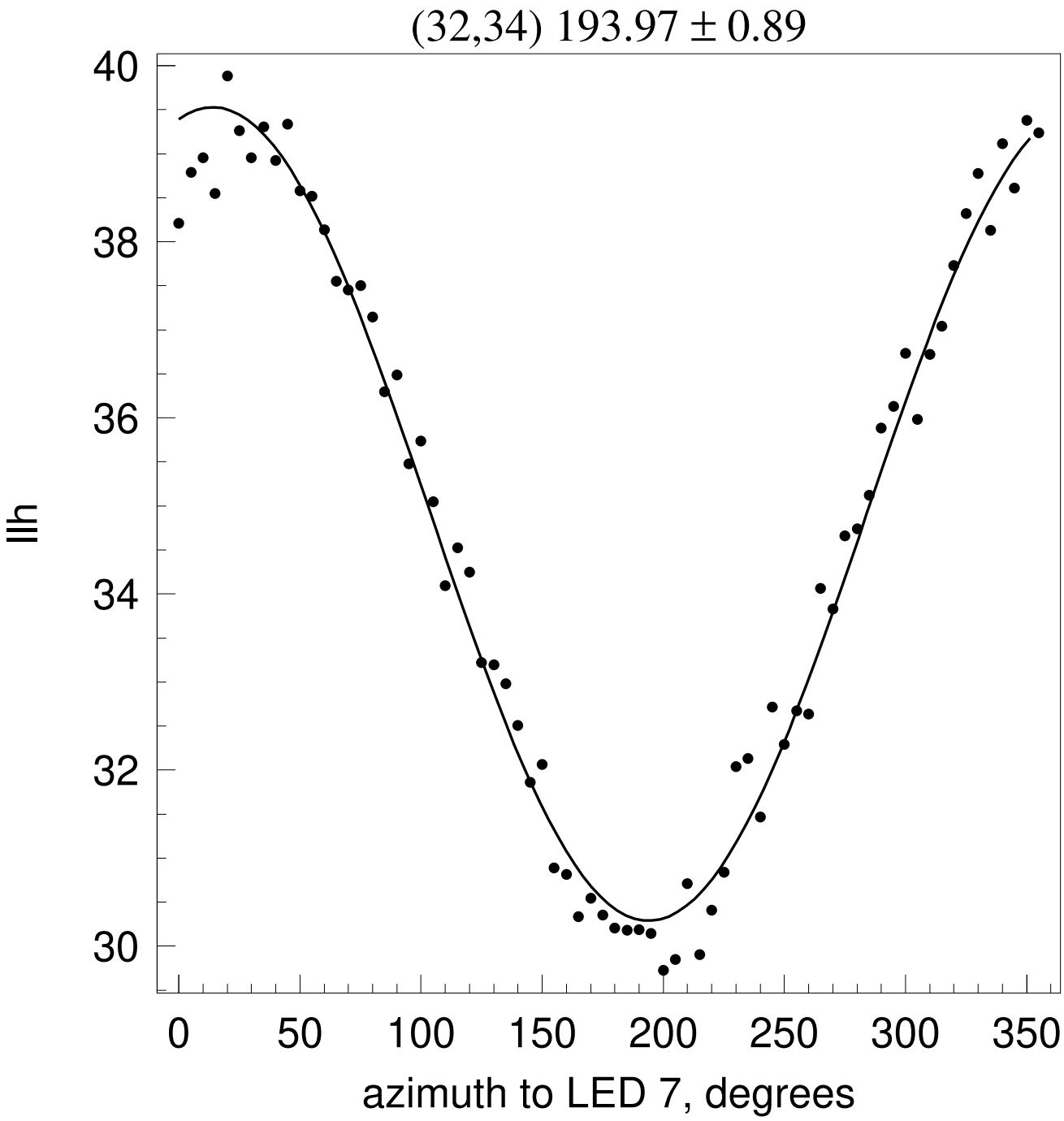

(32,29) 239.15 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

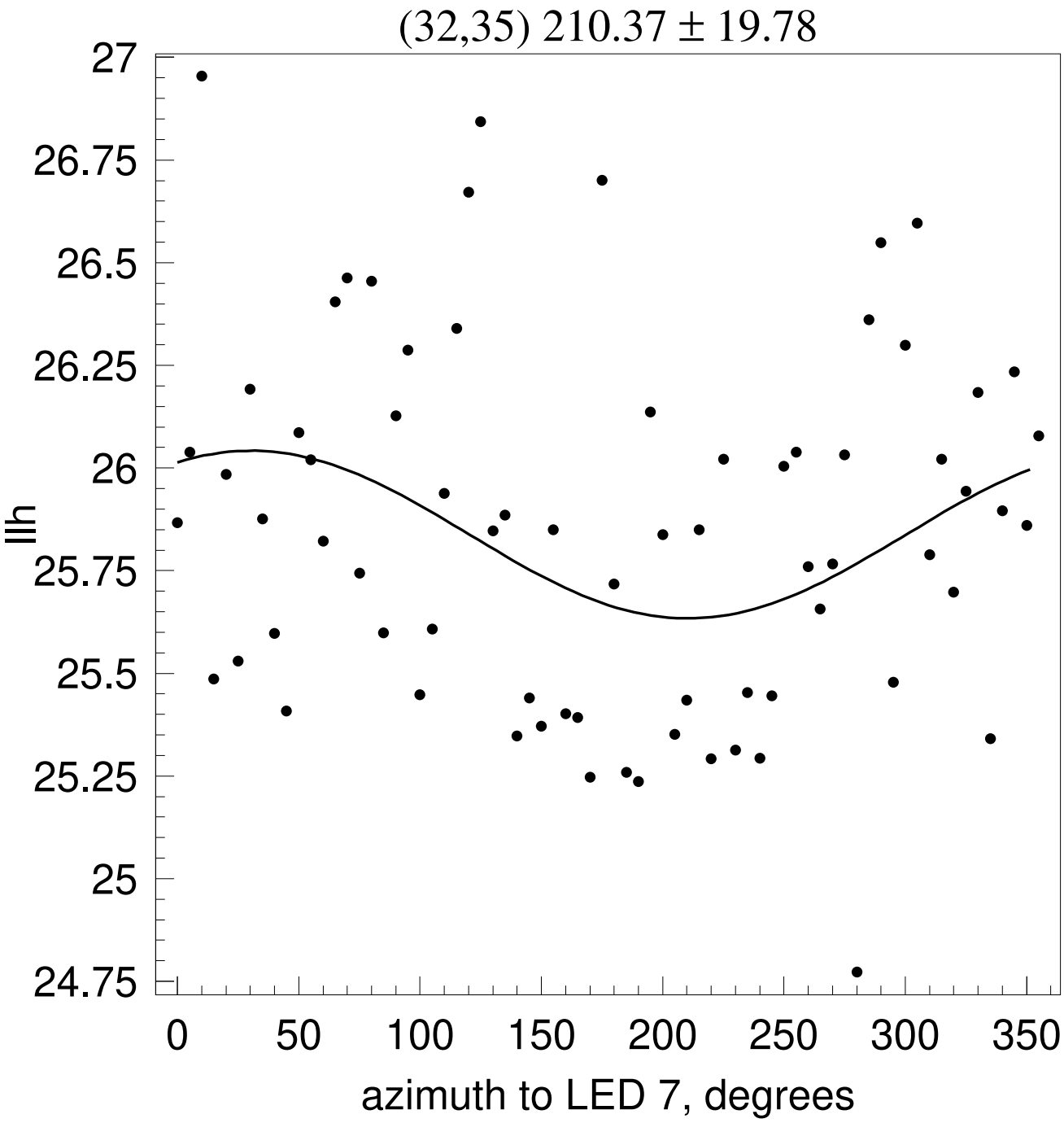

(32,30) 166.79 ± 0.22
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

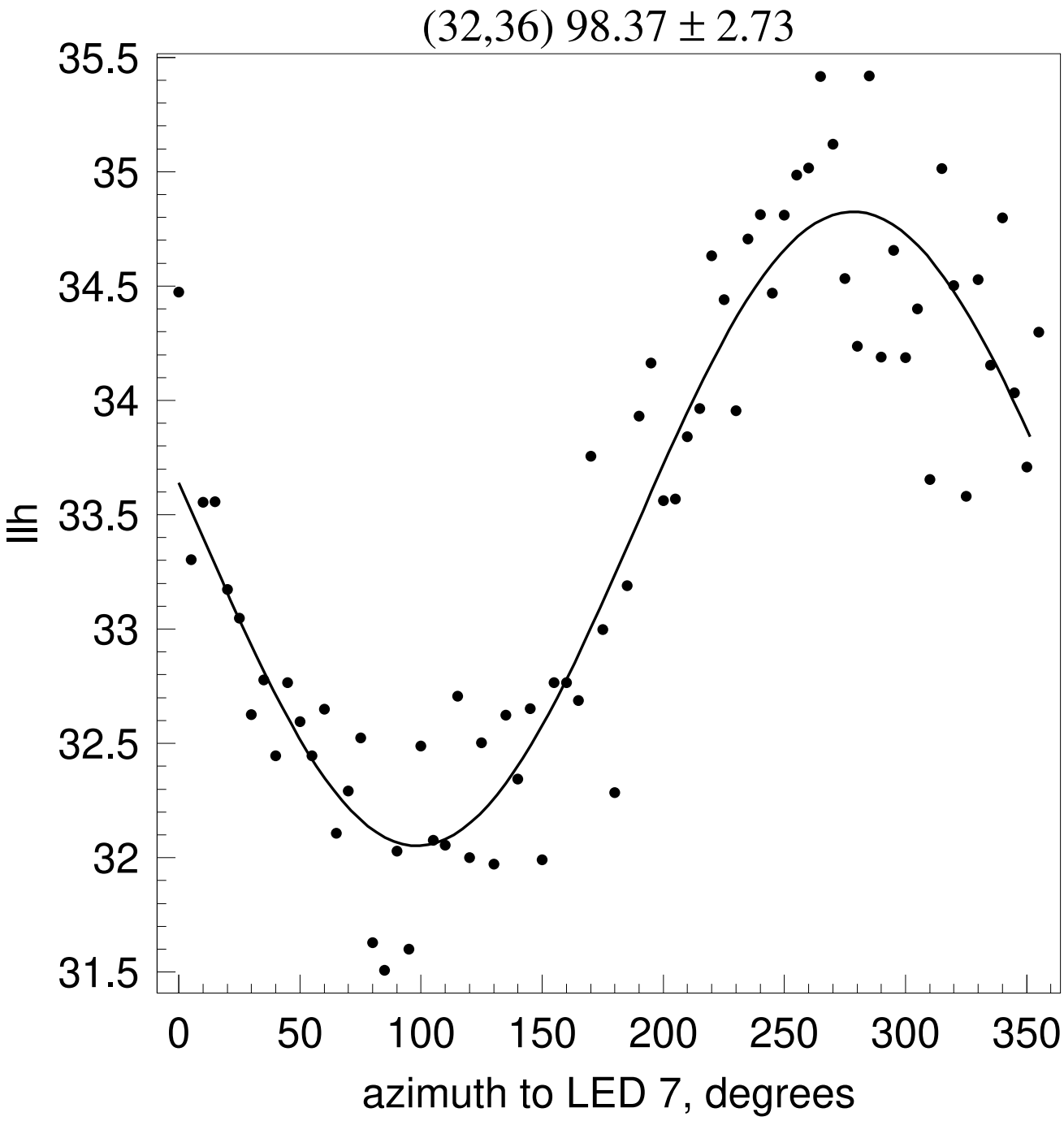

(32,31) 287.06 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

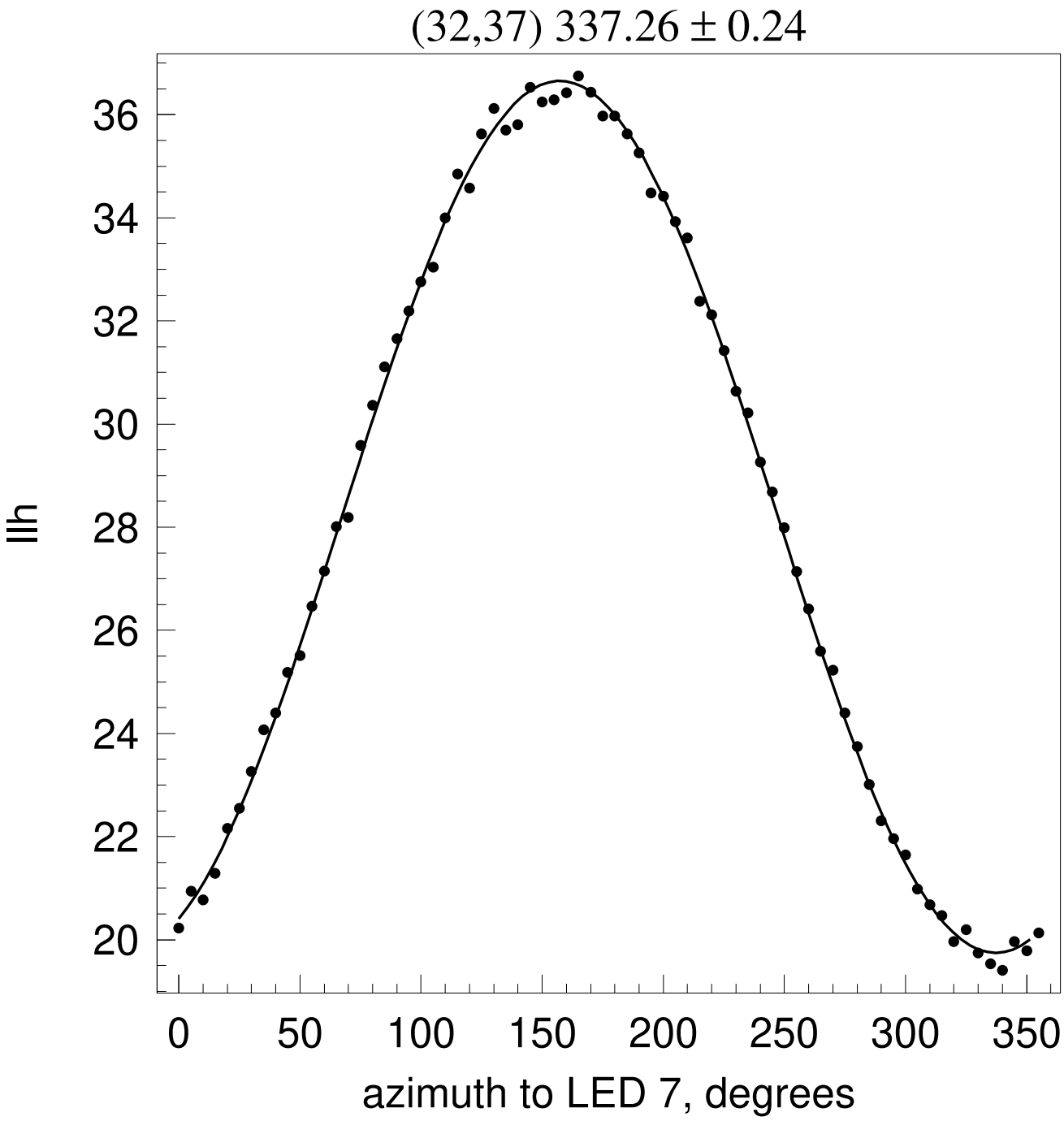

(32,32) 281.43 ± 0.20
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

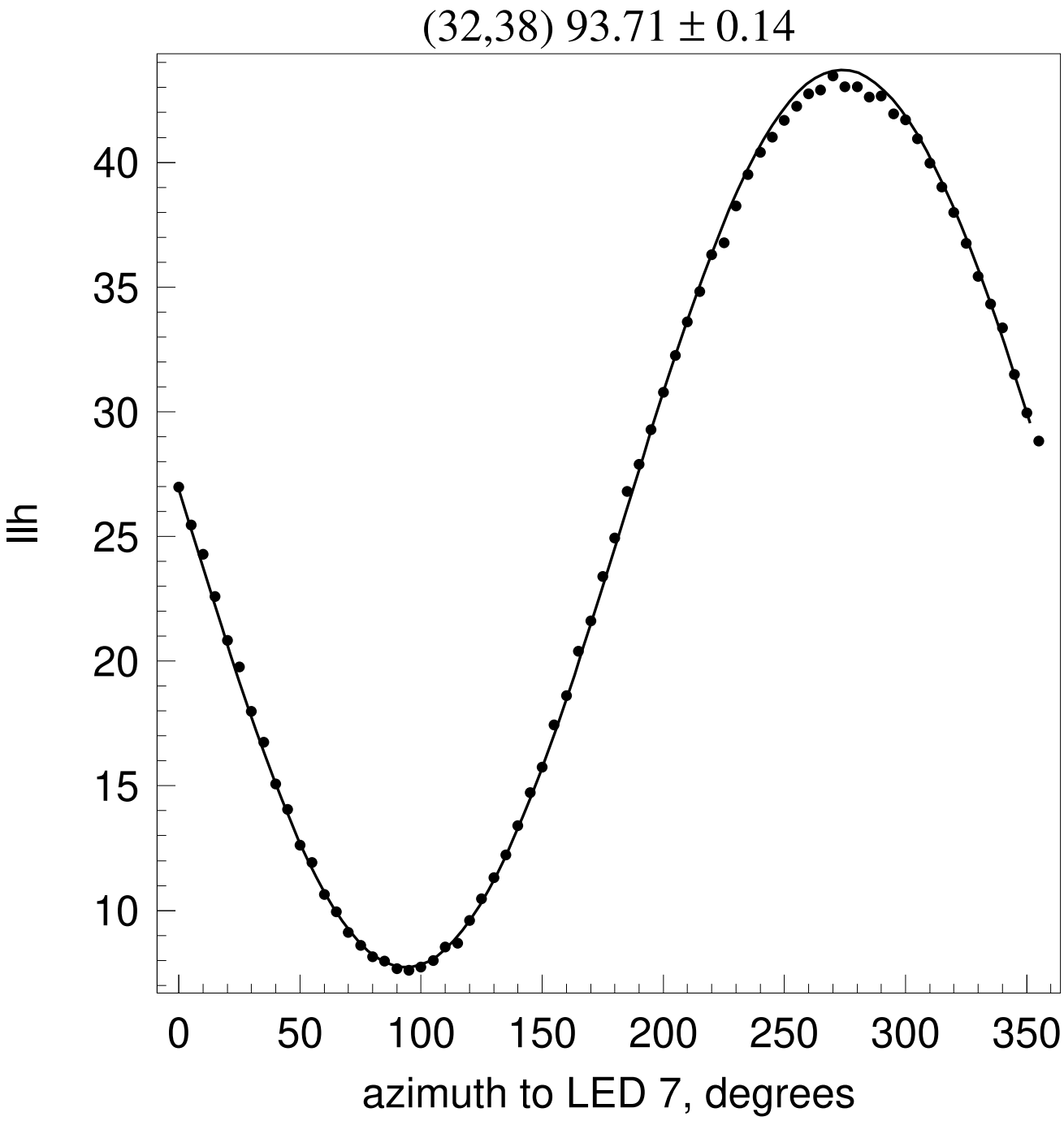

(32,33) 220.05 ± 0.46
38
36
34
32
30
28
26
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

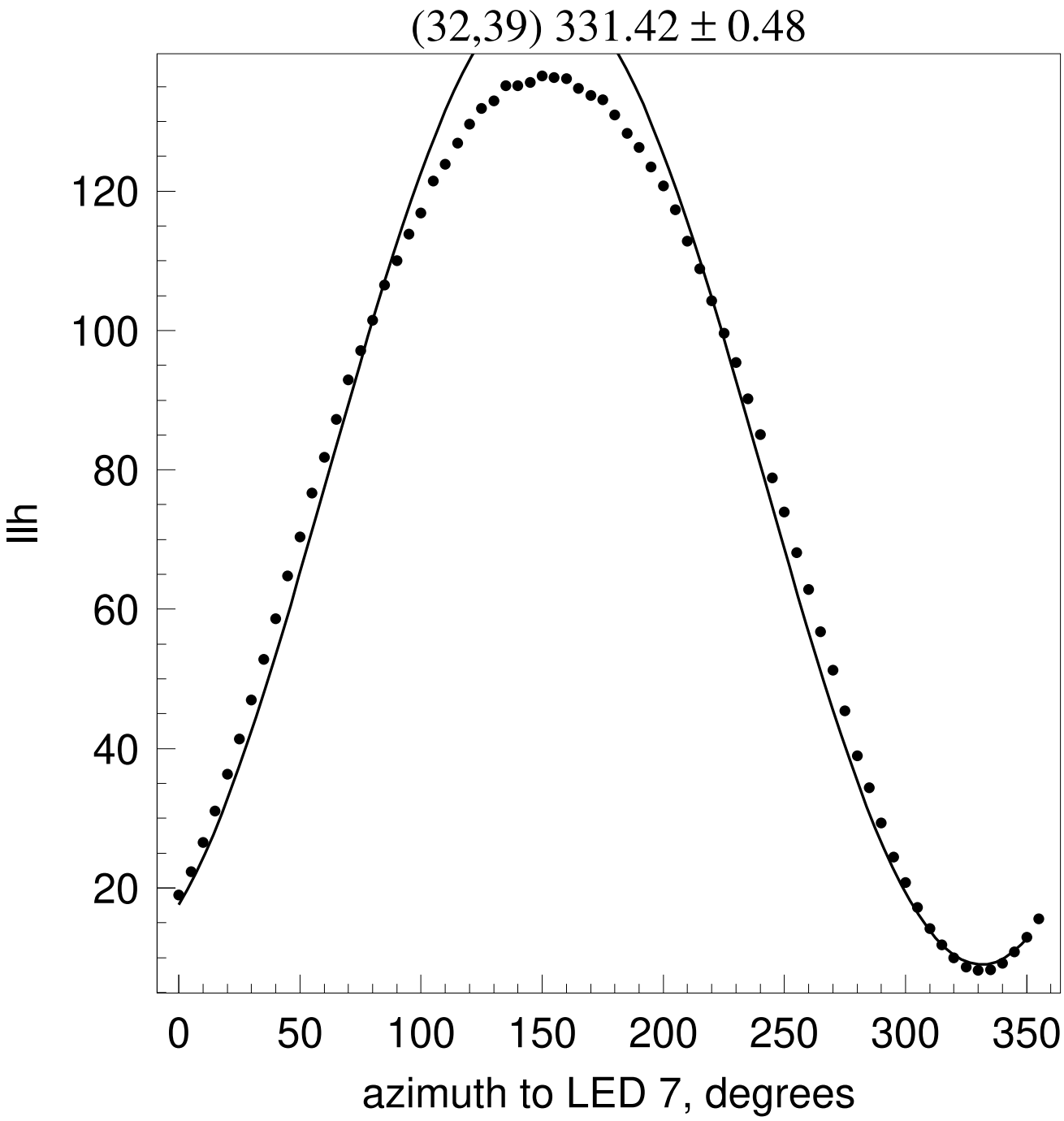

(32,34) 193.97 ± 0.89
40
38
36
34
32
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

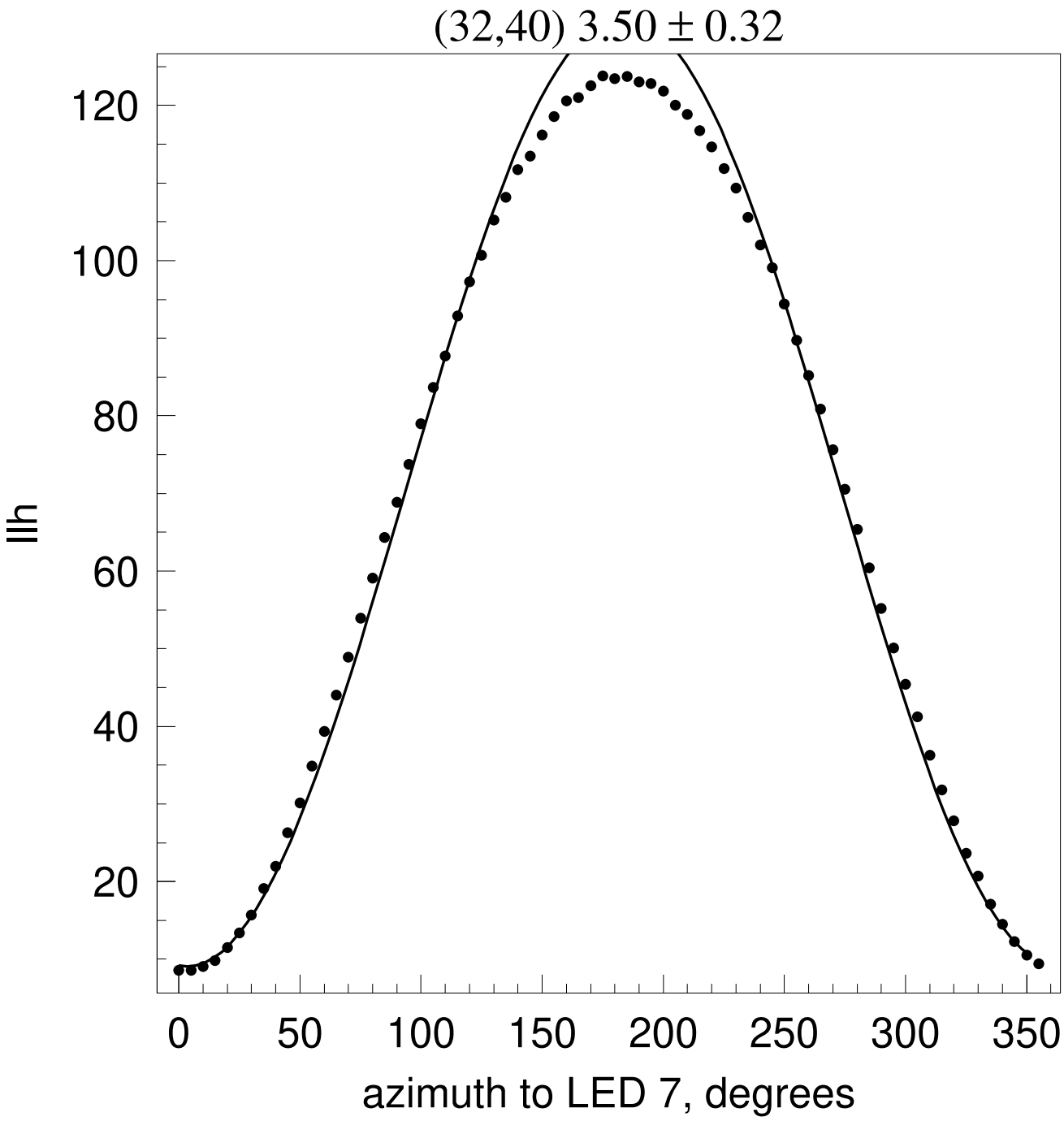

(32,35) 210.37 ± 19.78
27
26.75
26.5
26.25
26
25.75
25.5
25.25
25
24.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

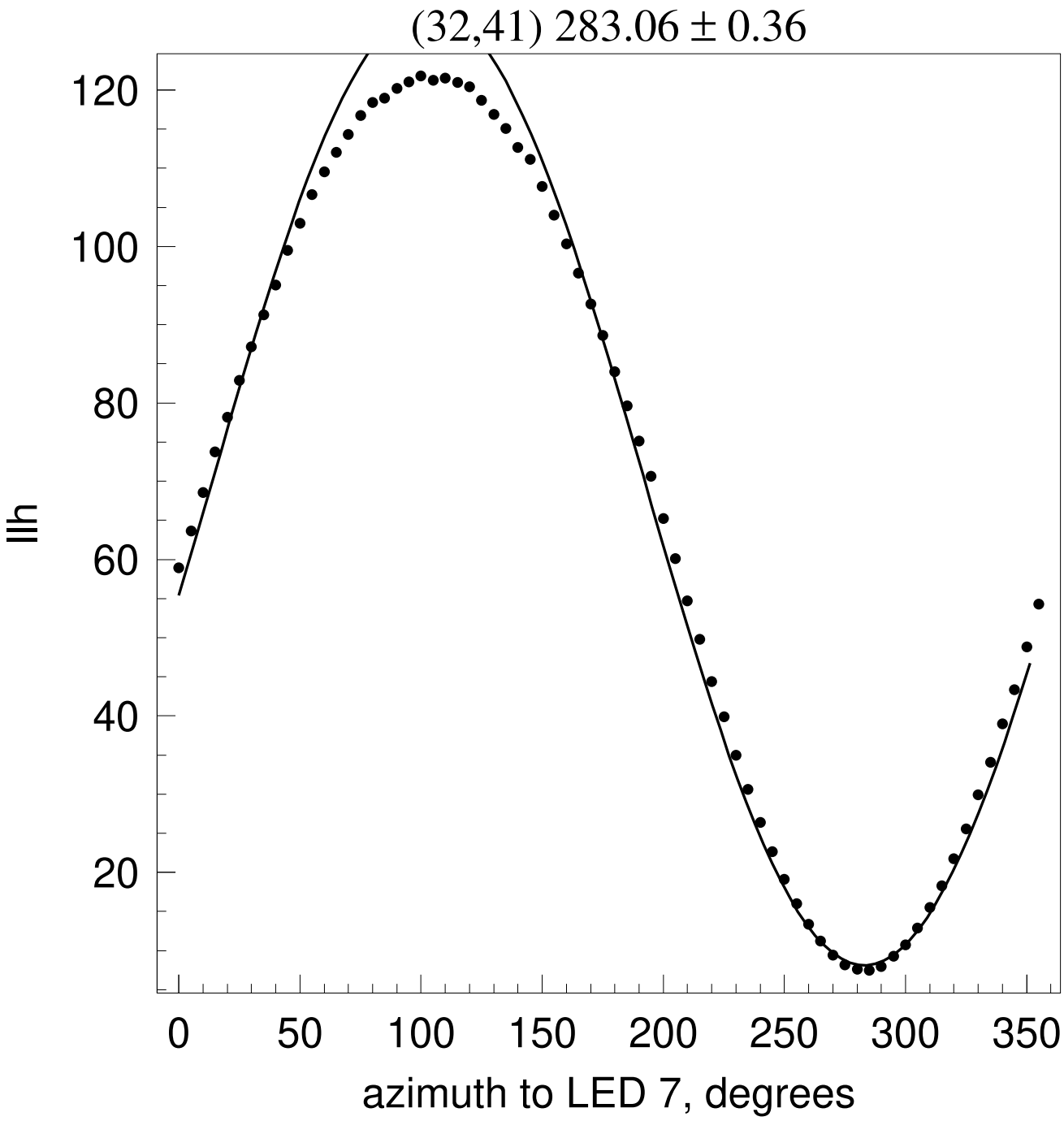

(32,36) 98.37 ± 2.73
35.5
35
34.5
34
33.5
33
32.5
32
31.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

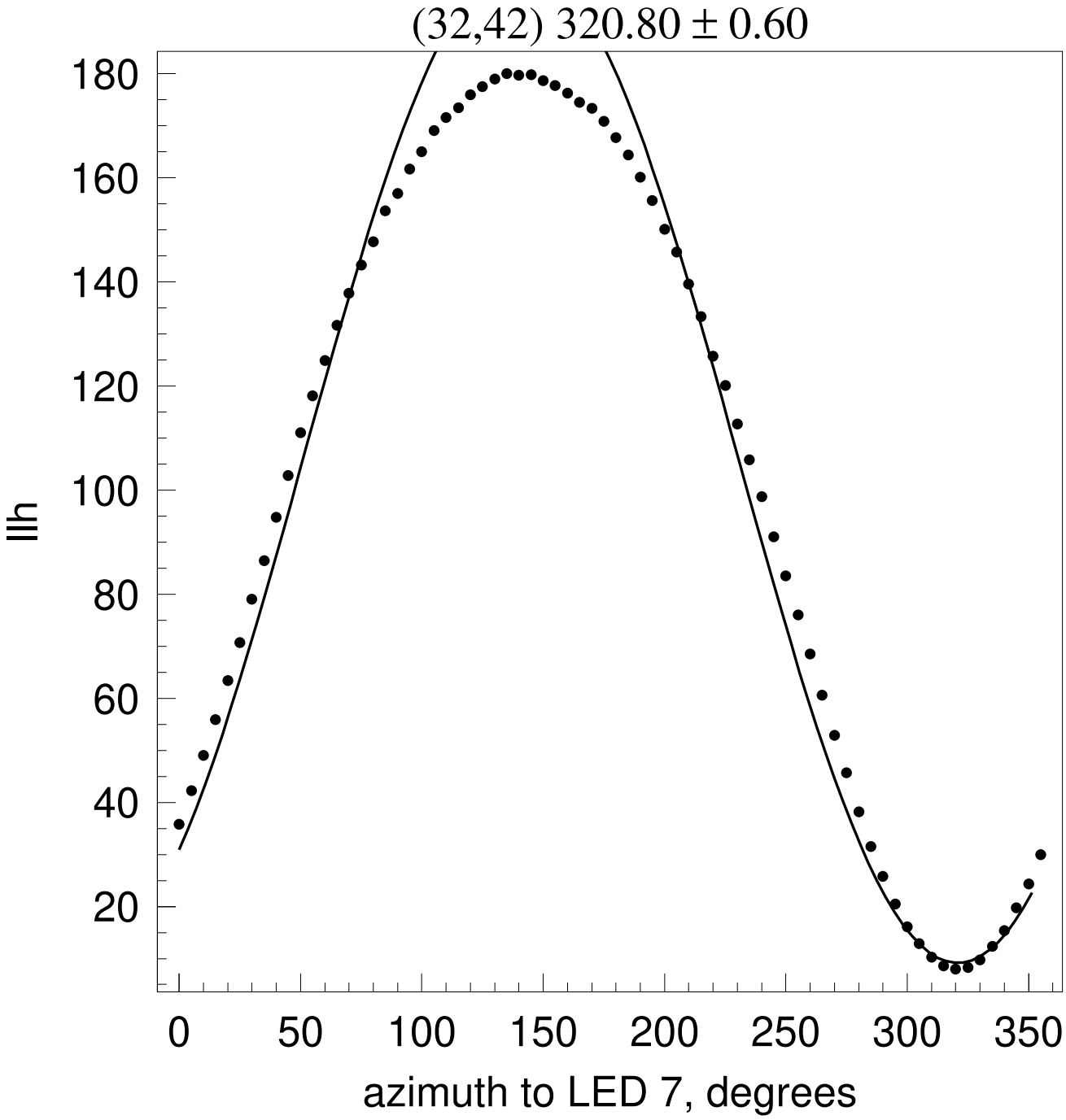

(32,37) 337.26 ± 0.24
36
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

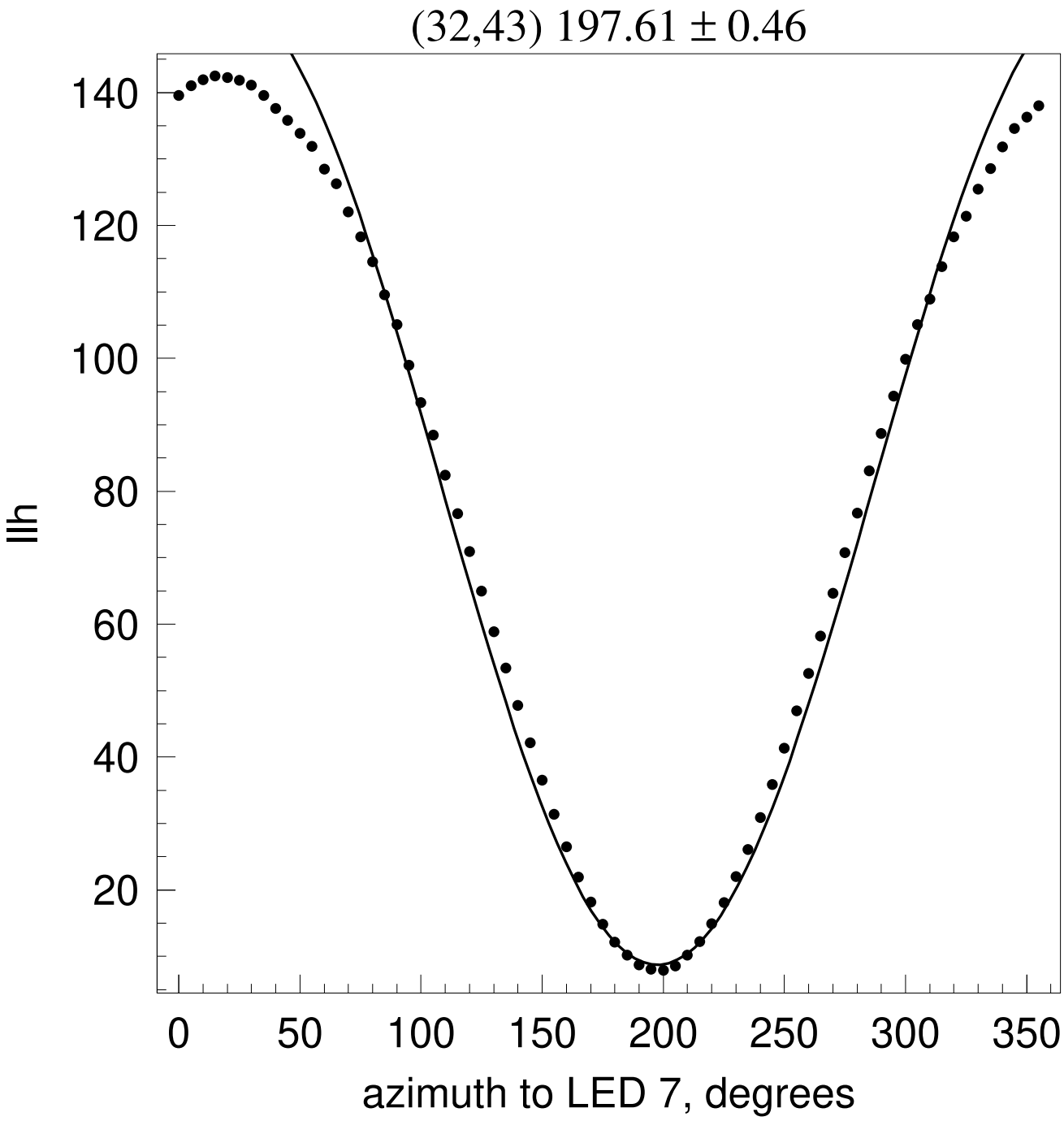

(32,38) 93.71 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

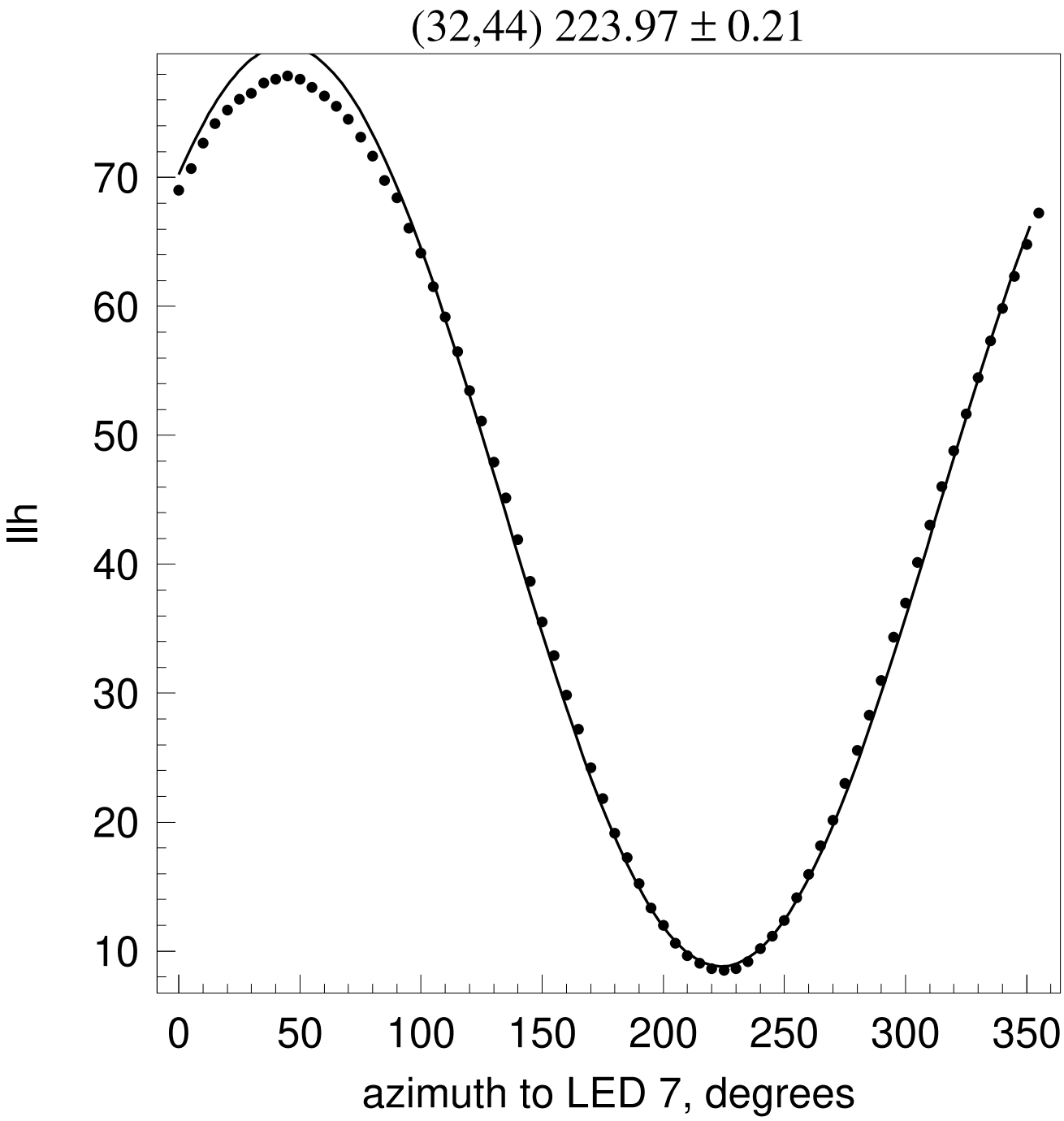

(32,39) 331.42 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

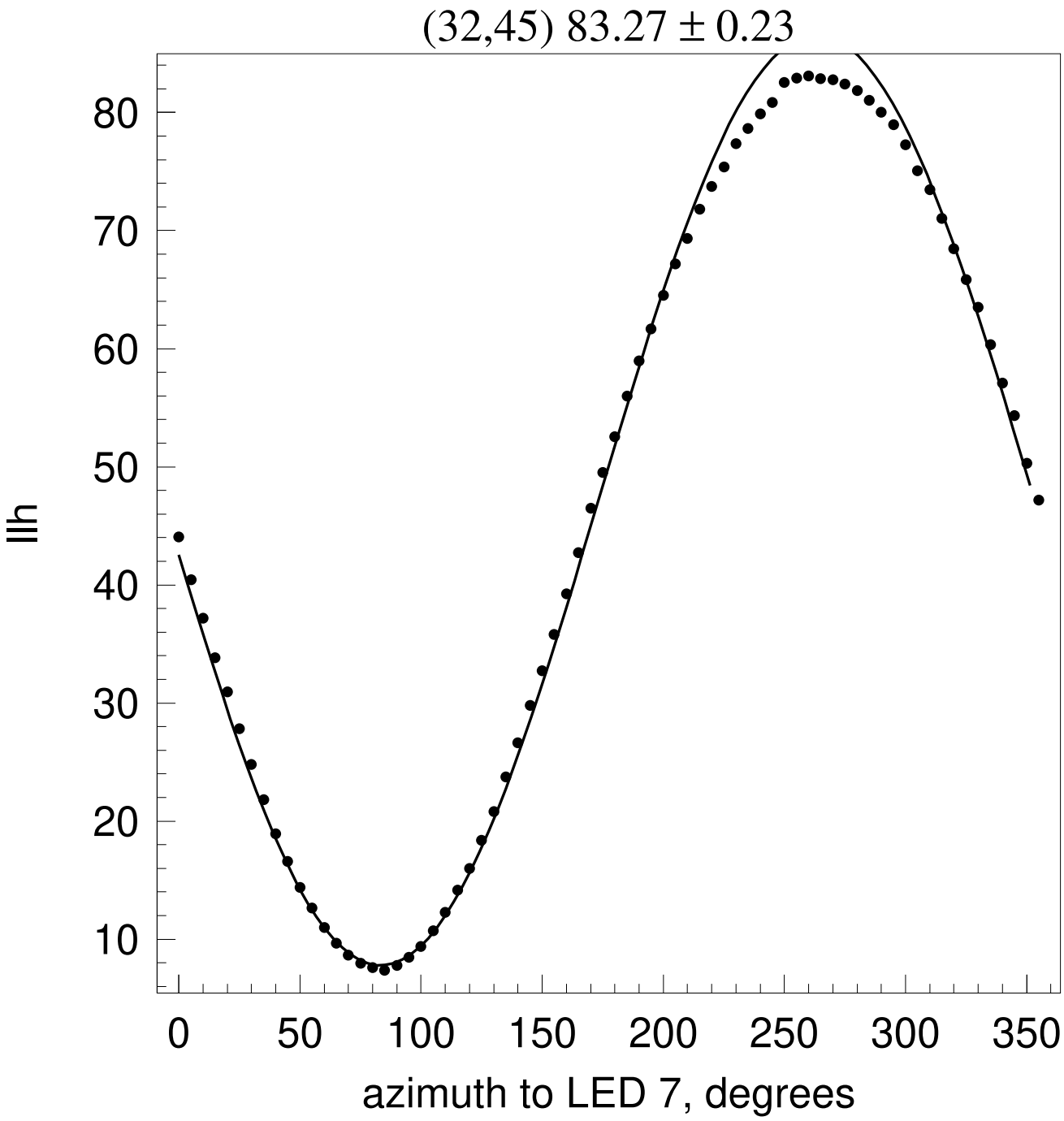

(32,40) 3.50 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

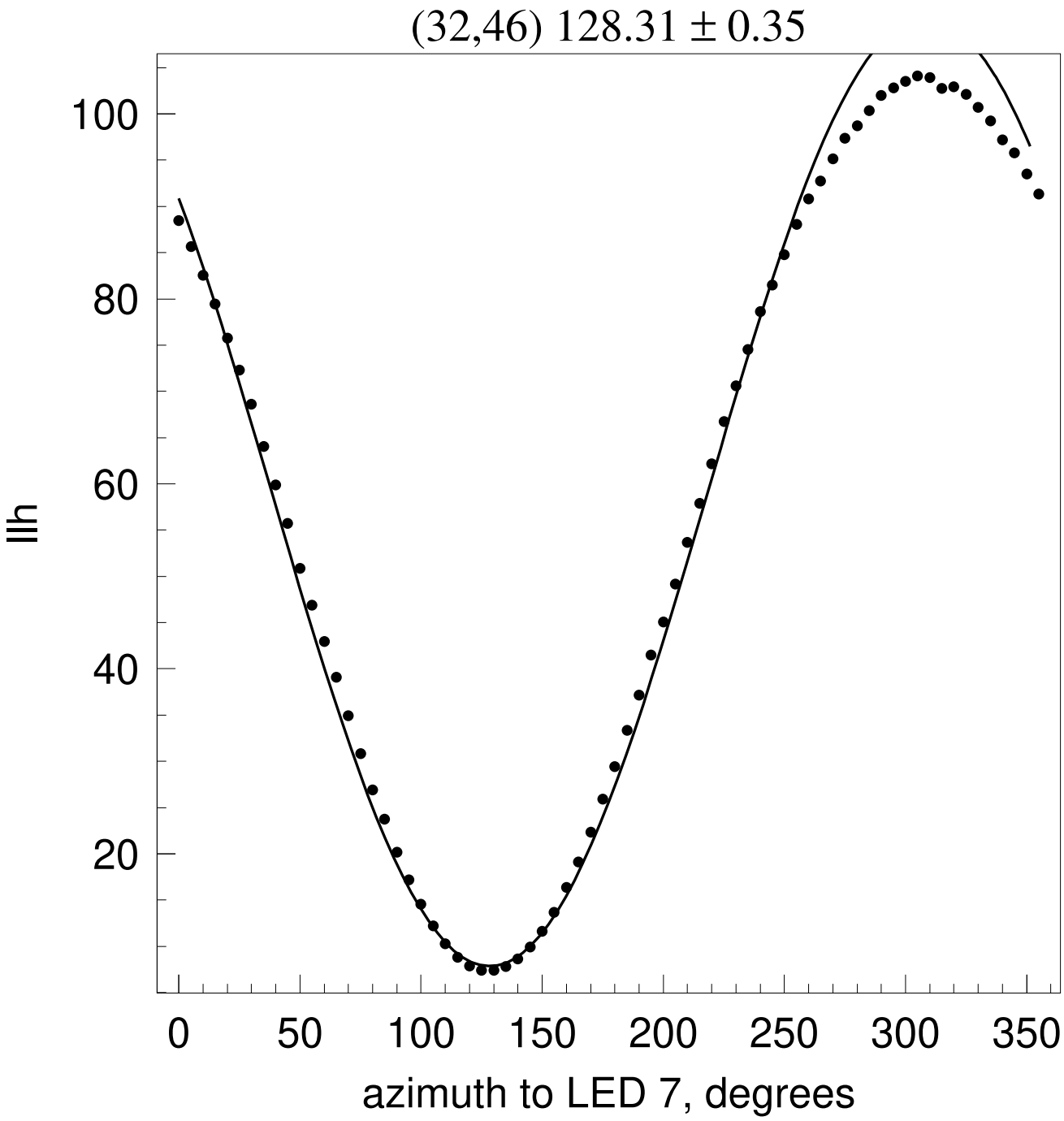

(32,41) 283.06 ± 0.36
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

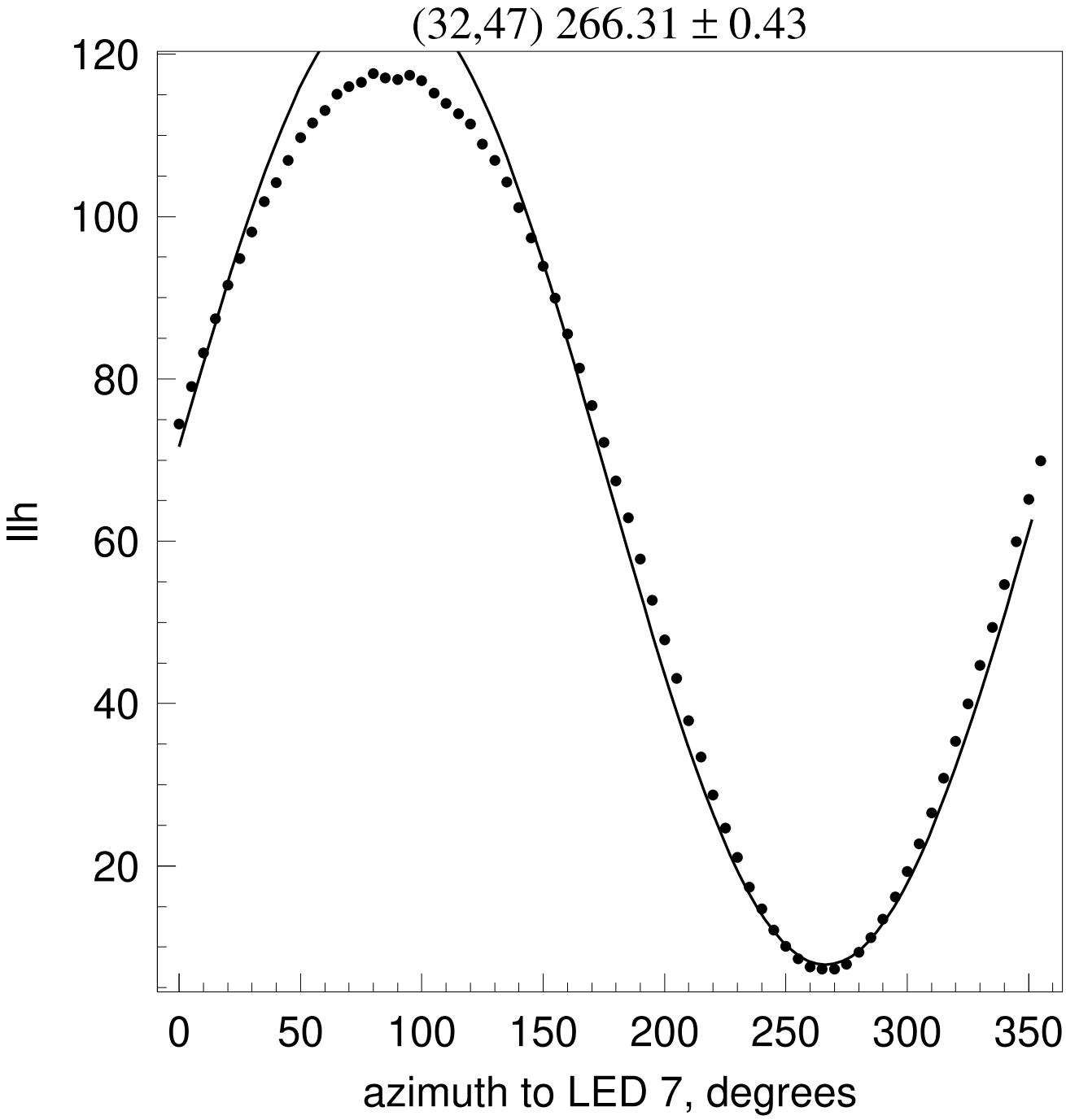

(32,42) 320.80 ± 0.60
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

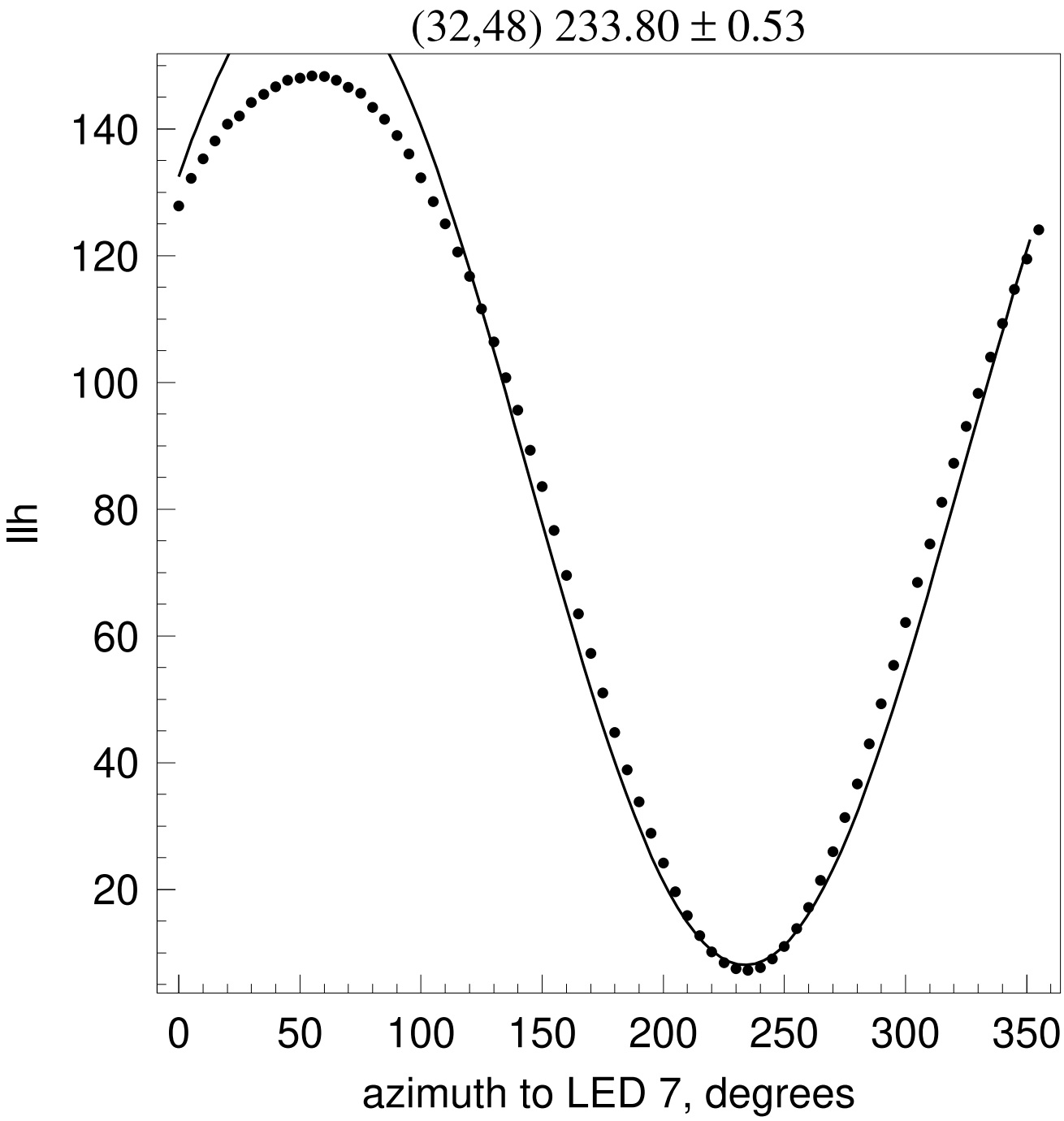

(32,43) 197.61 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

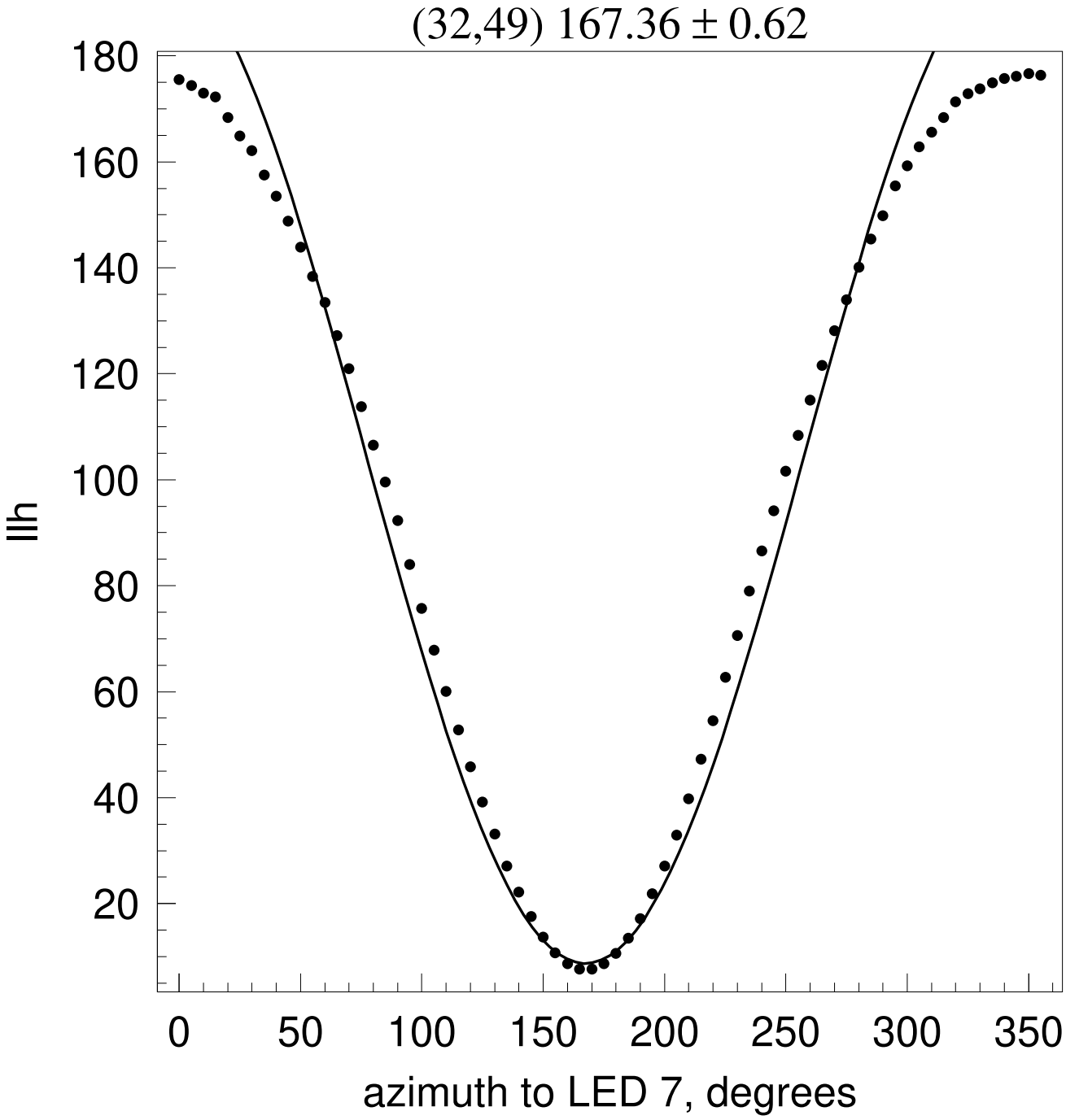

(32,44) 223.97 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

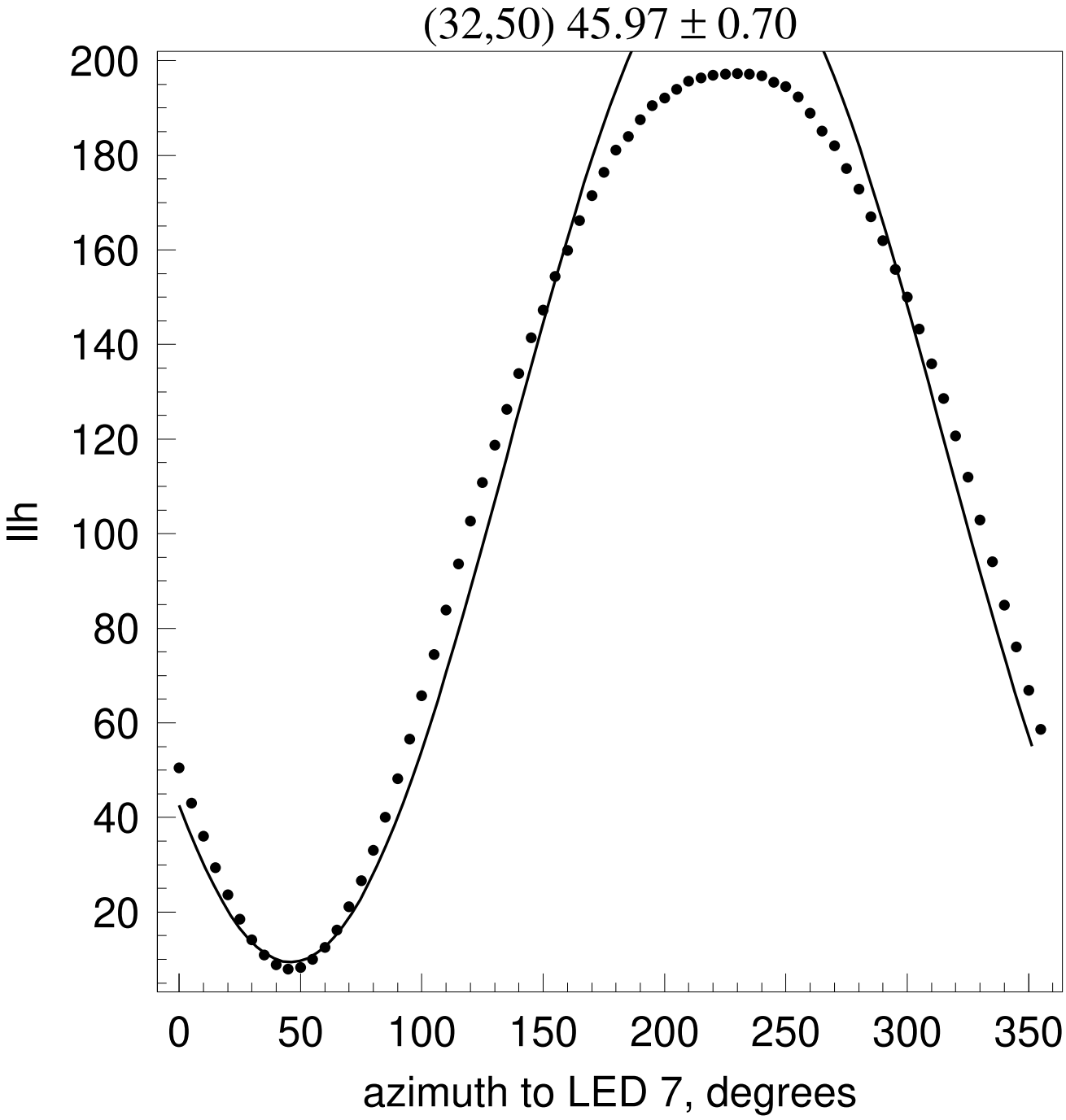

(32,45) 83.27 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

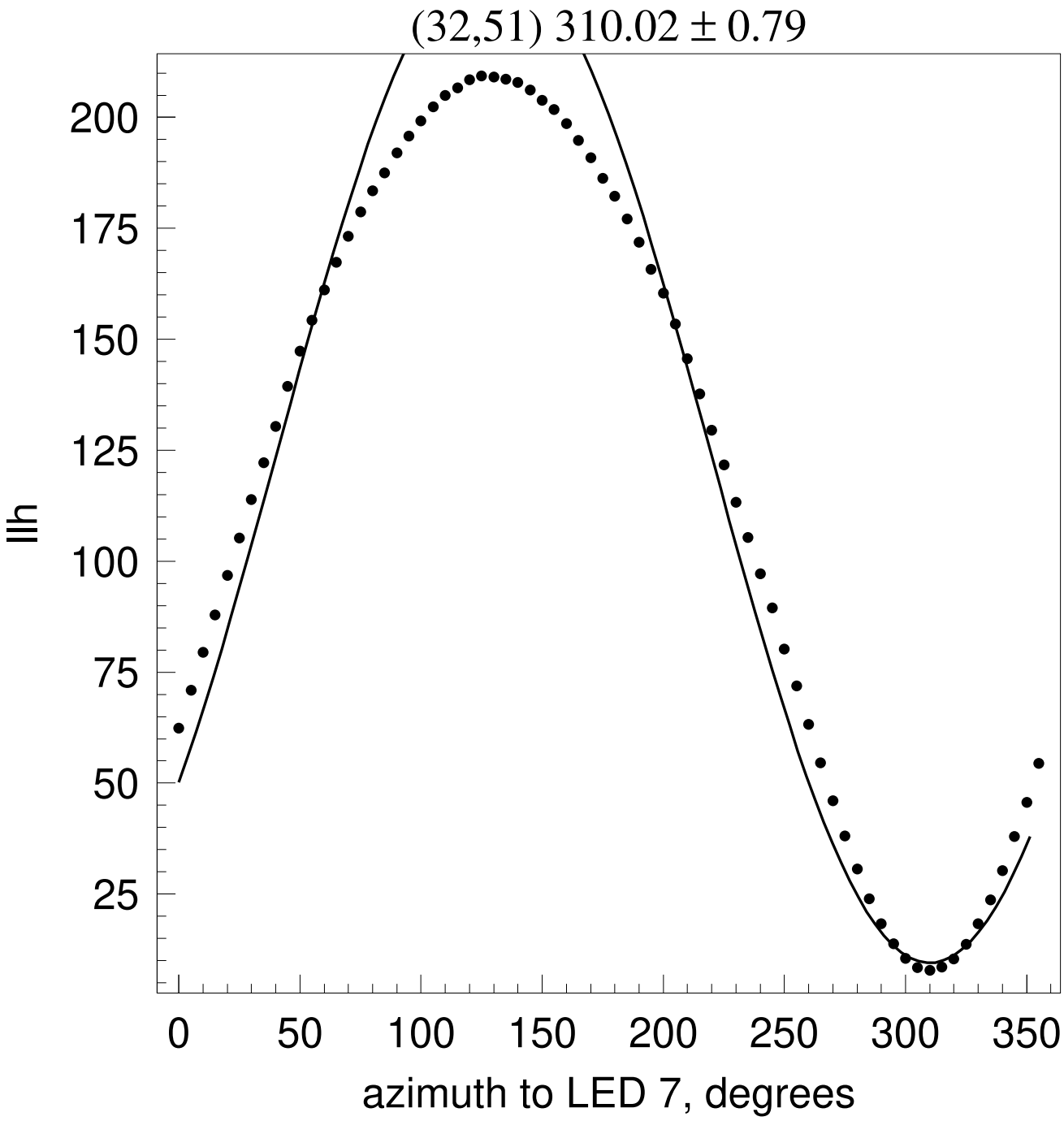

(32,46) 128.31 ± 0.35
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

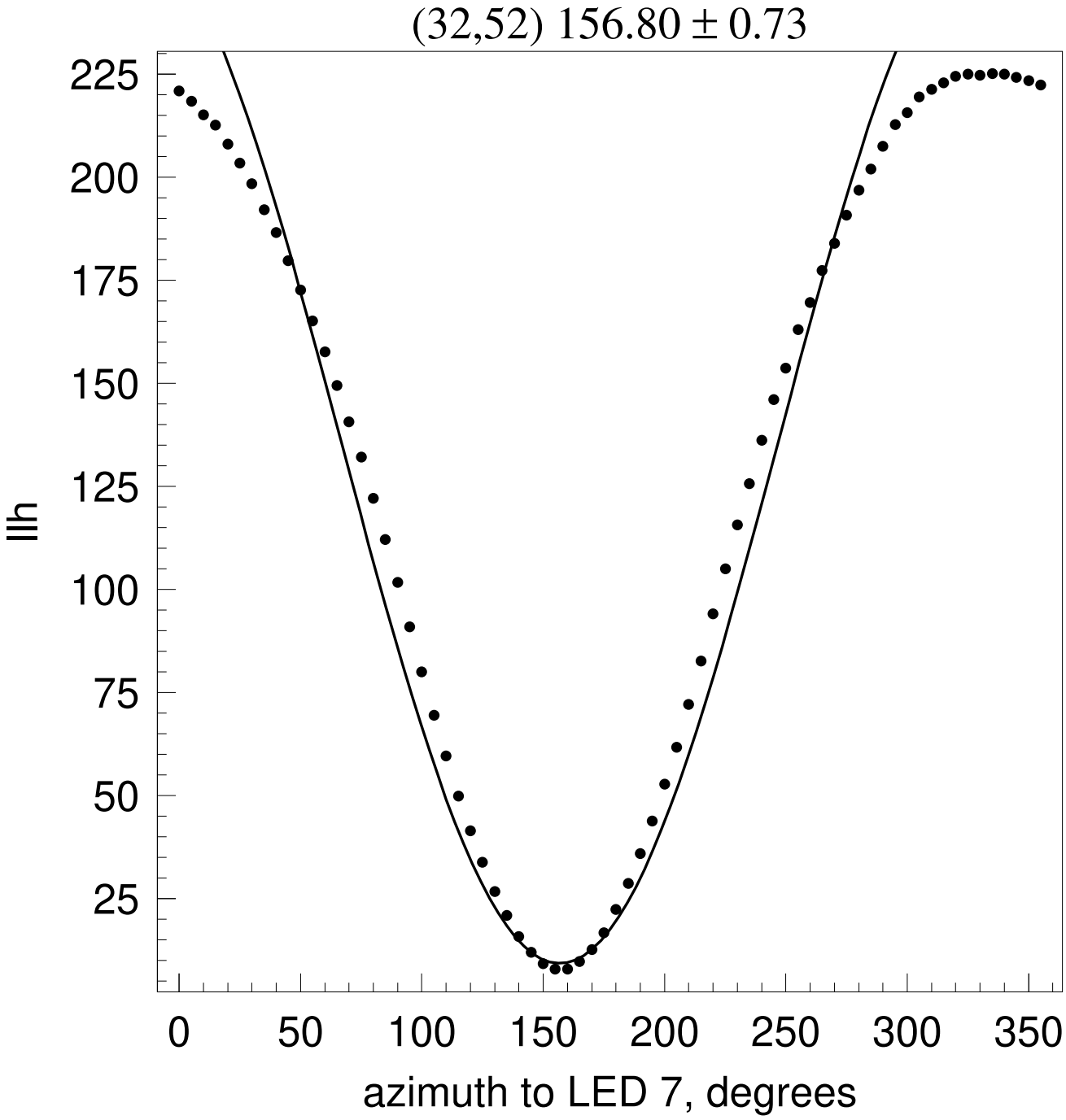

(32,47) 266.31 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

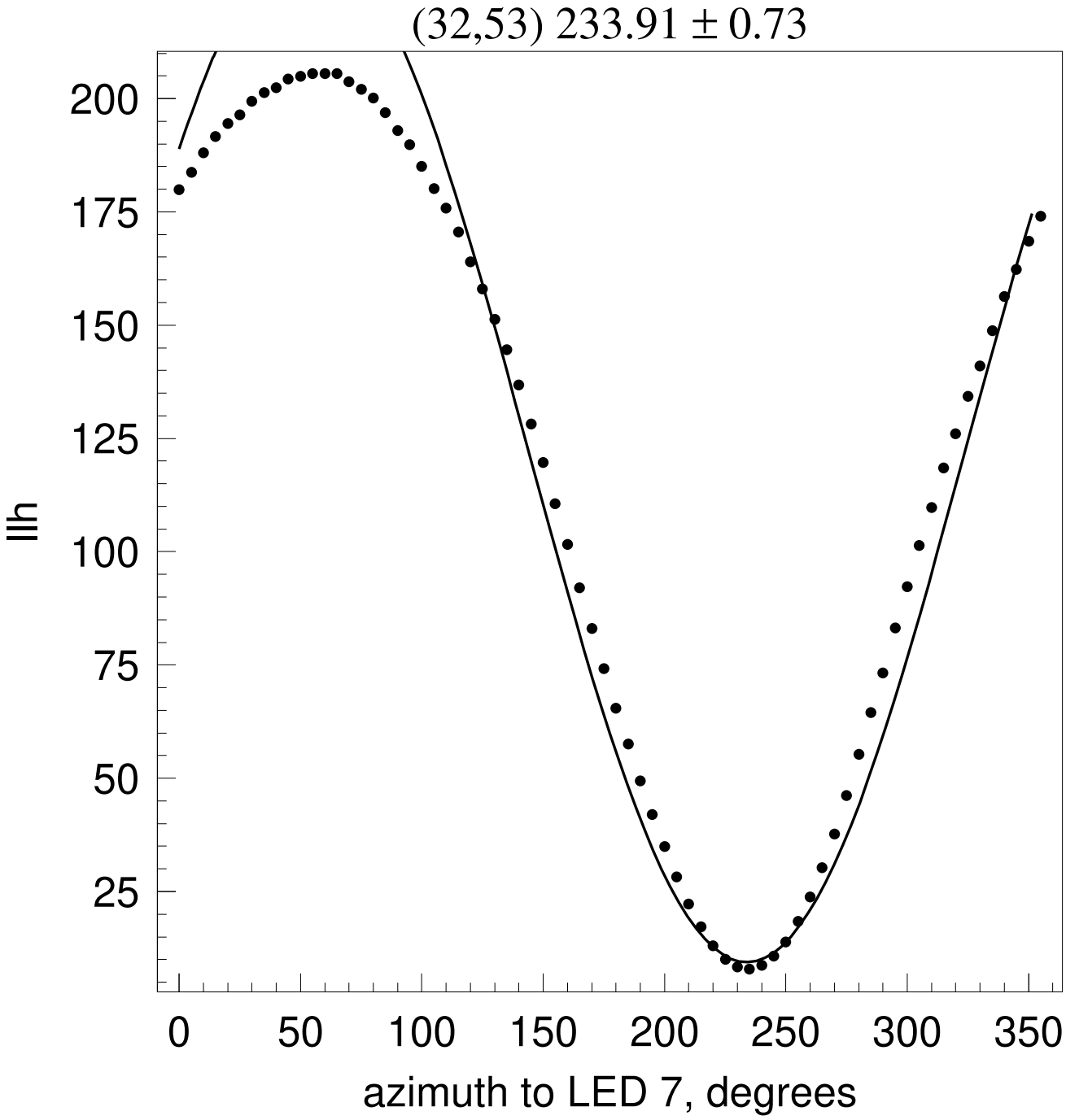

(32,48) 233.80 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

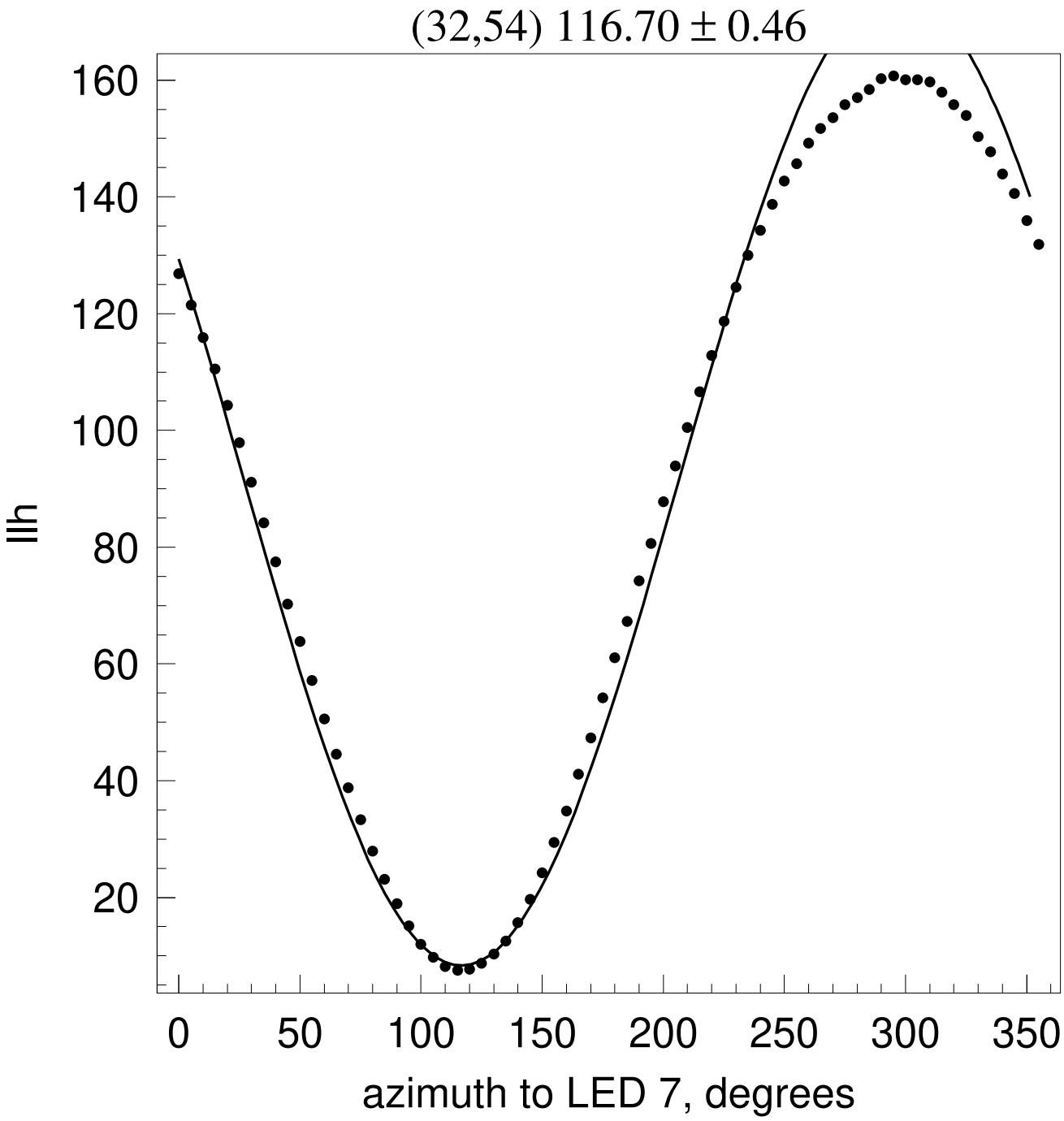

(32,49) 167.36 ± 0.62
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

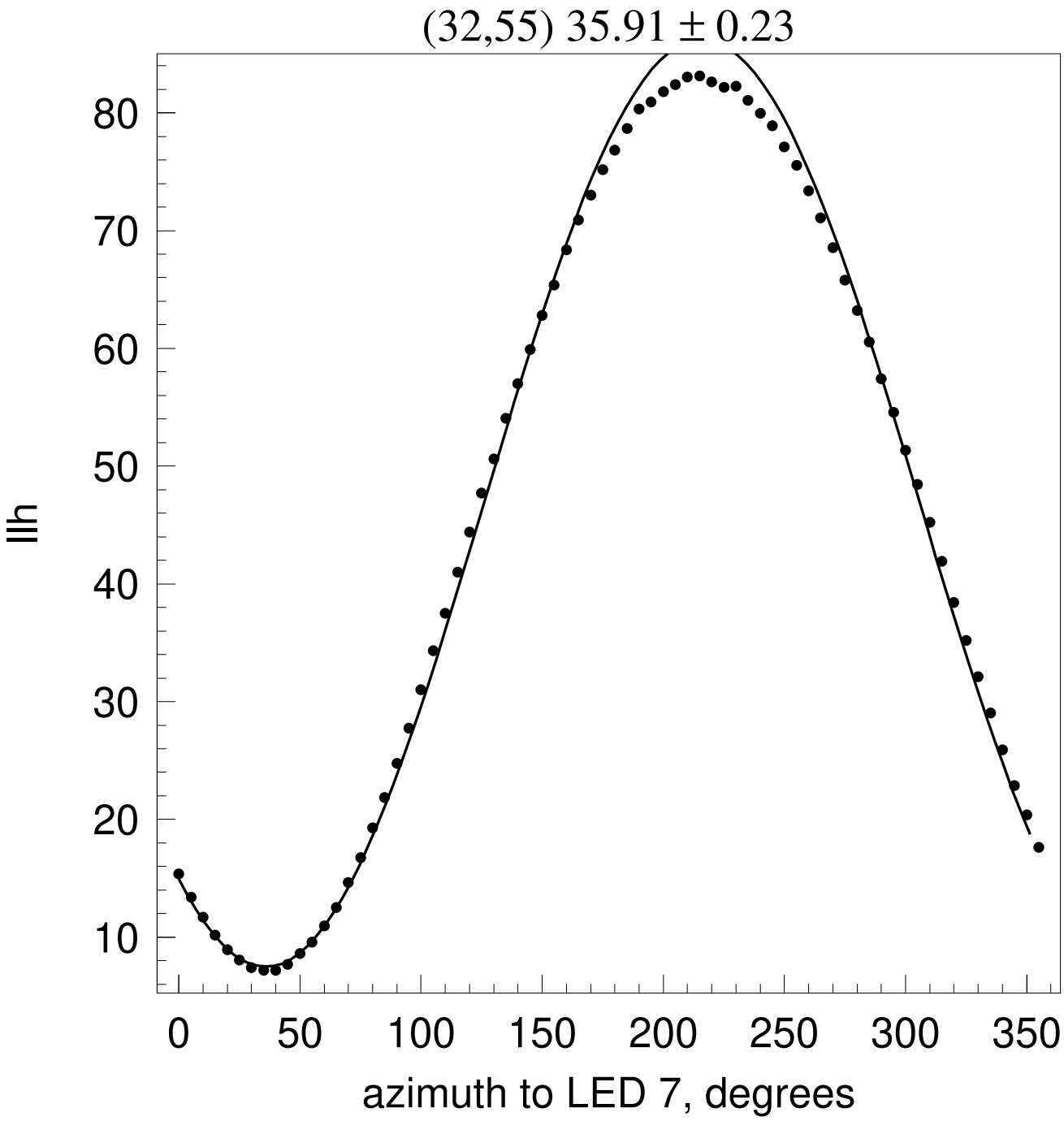

(32,50) 45.97 ± 0.70
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

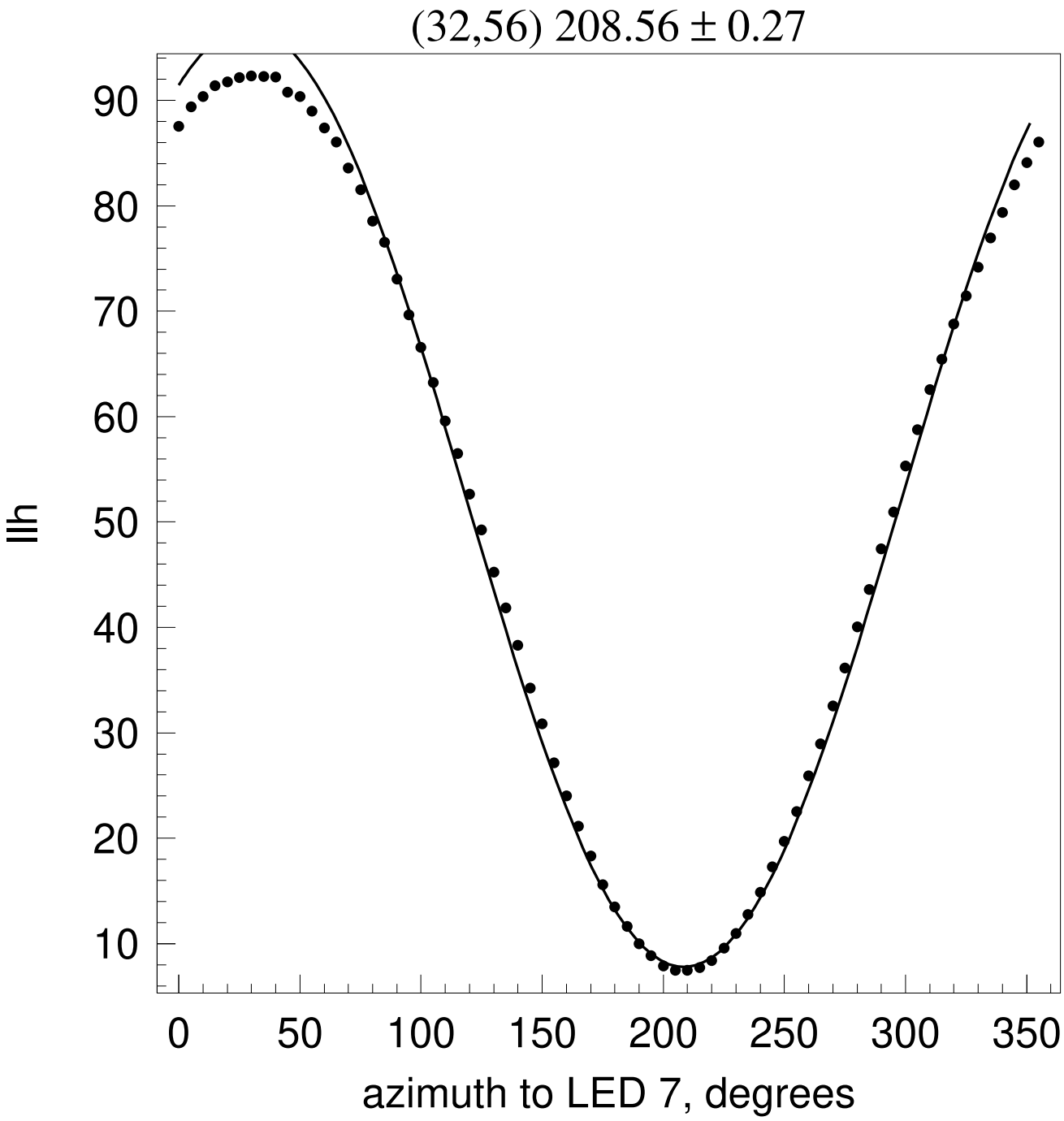

(32,51) 310.02 ± 0.79
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

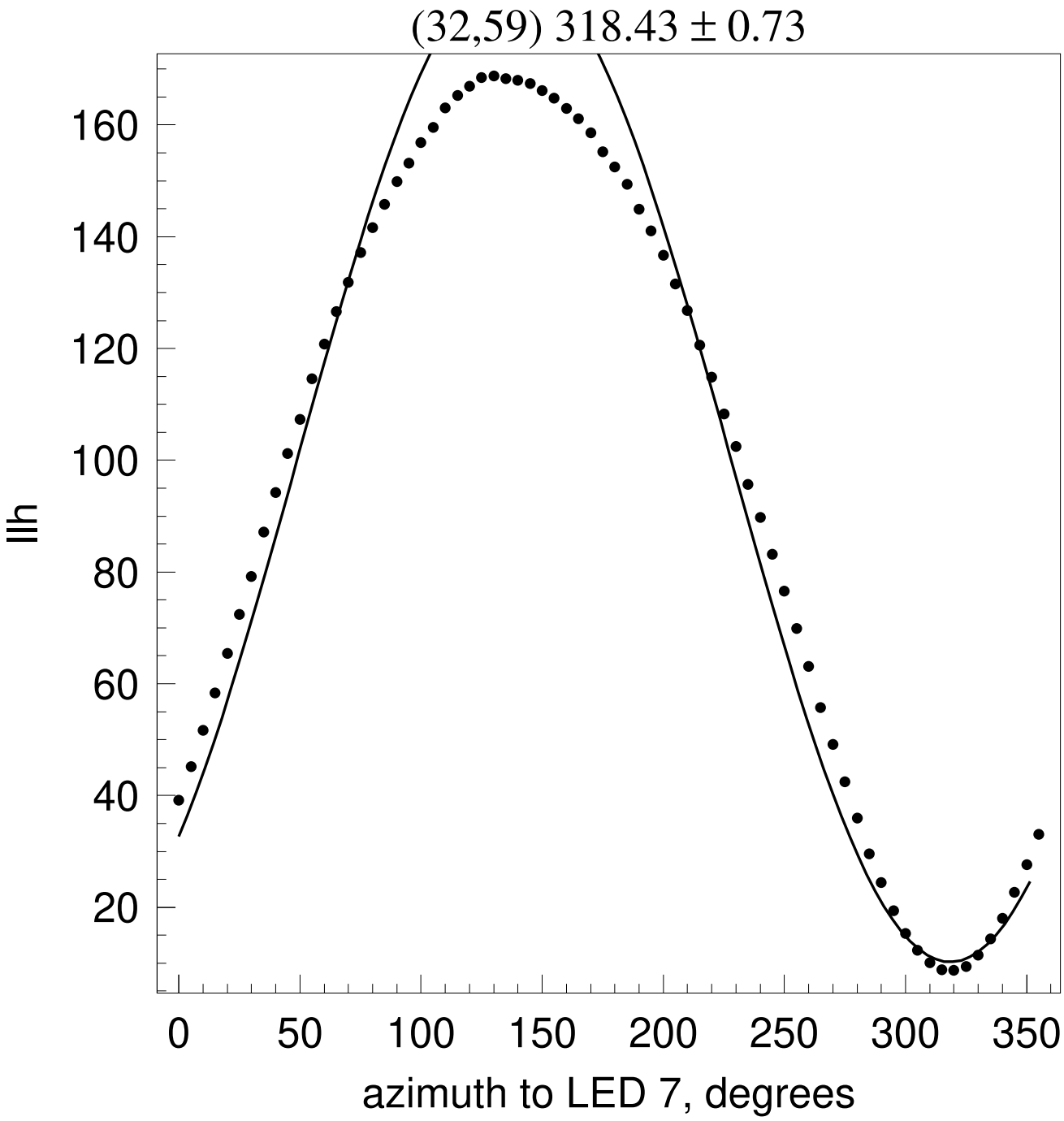

(32,52) 156.80 ± 0.73
225
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

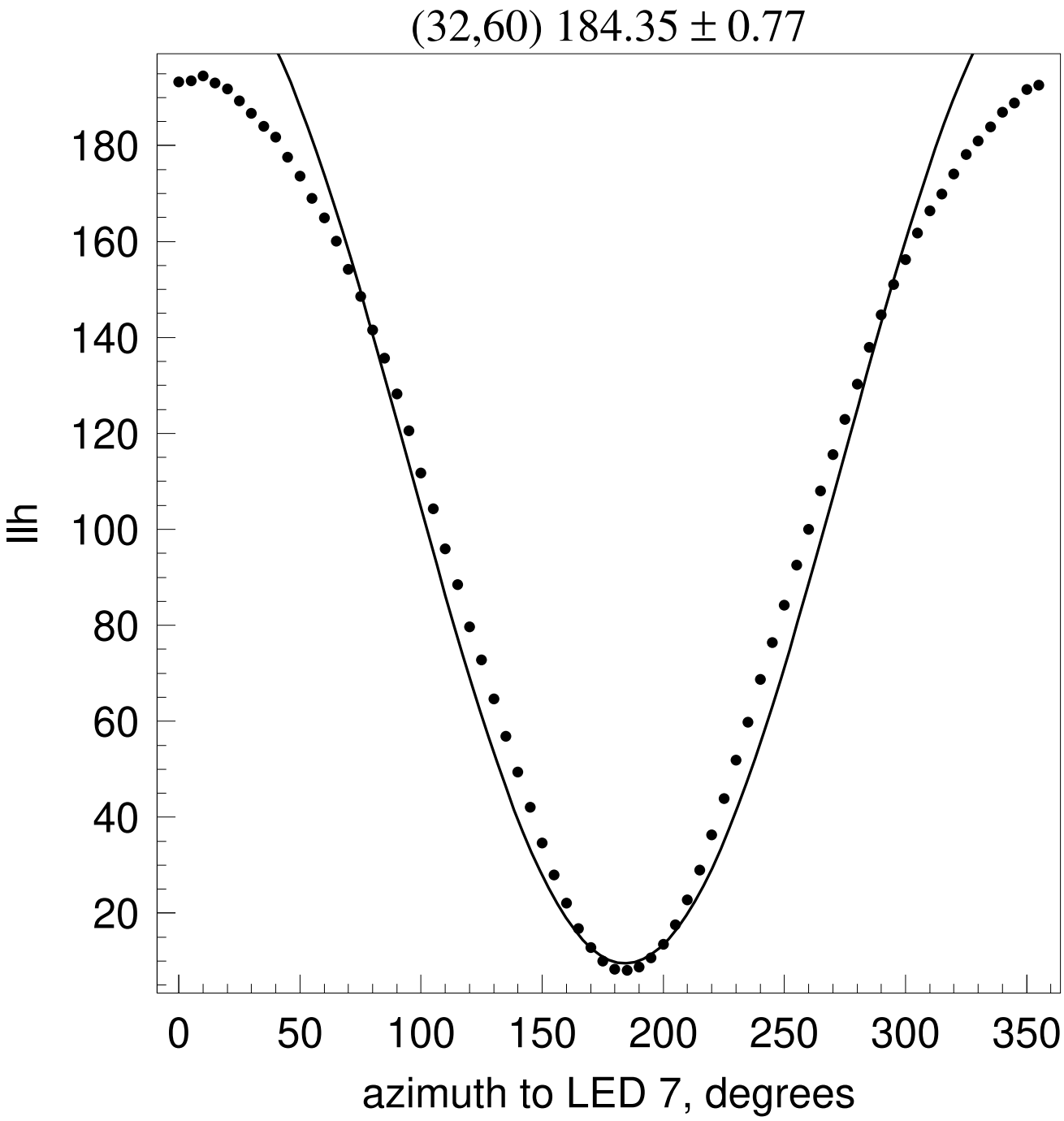

(32,53) 233.91 ± 0.73
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

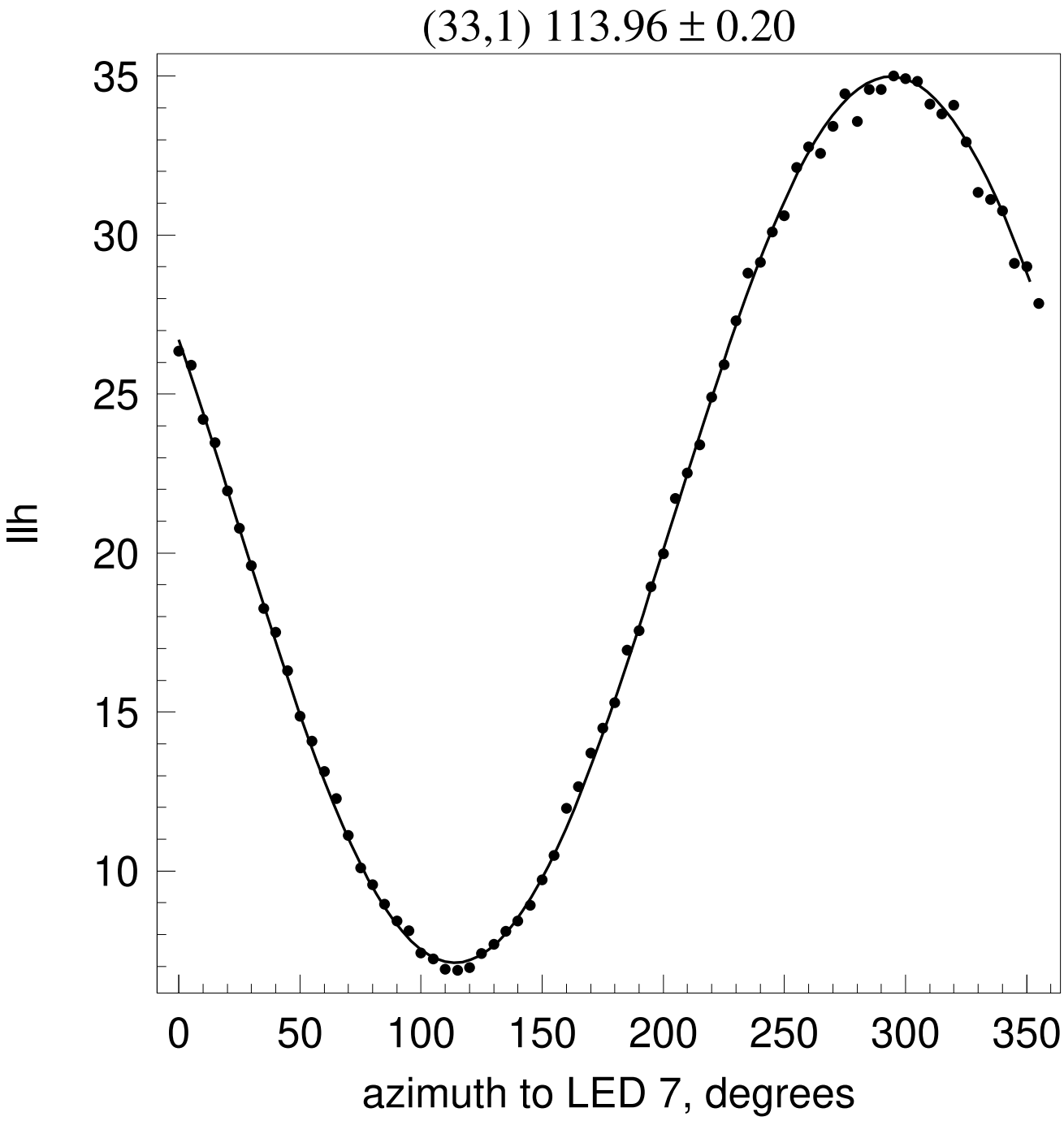

(32,54) 116.70 ± 0.46
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

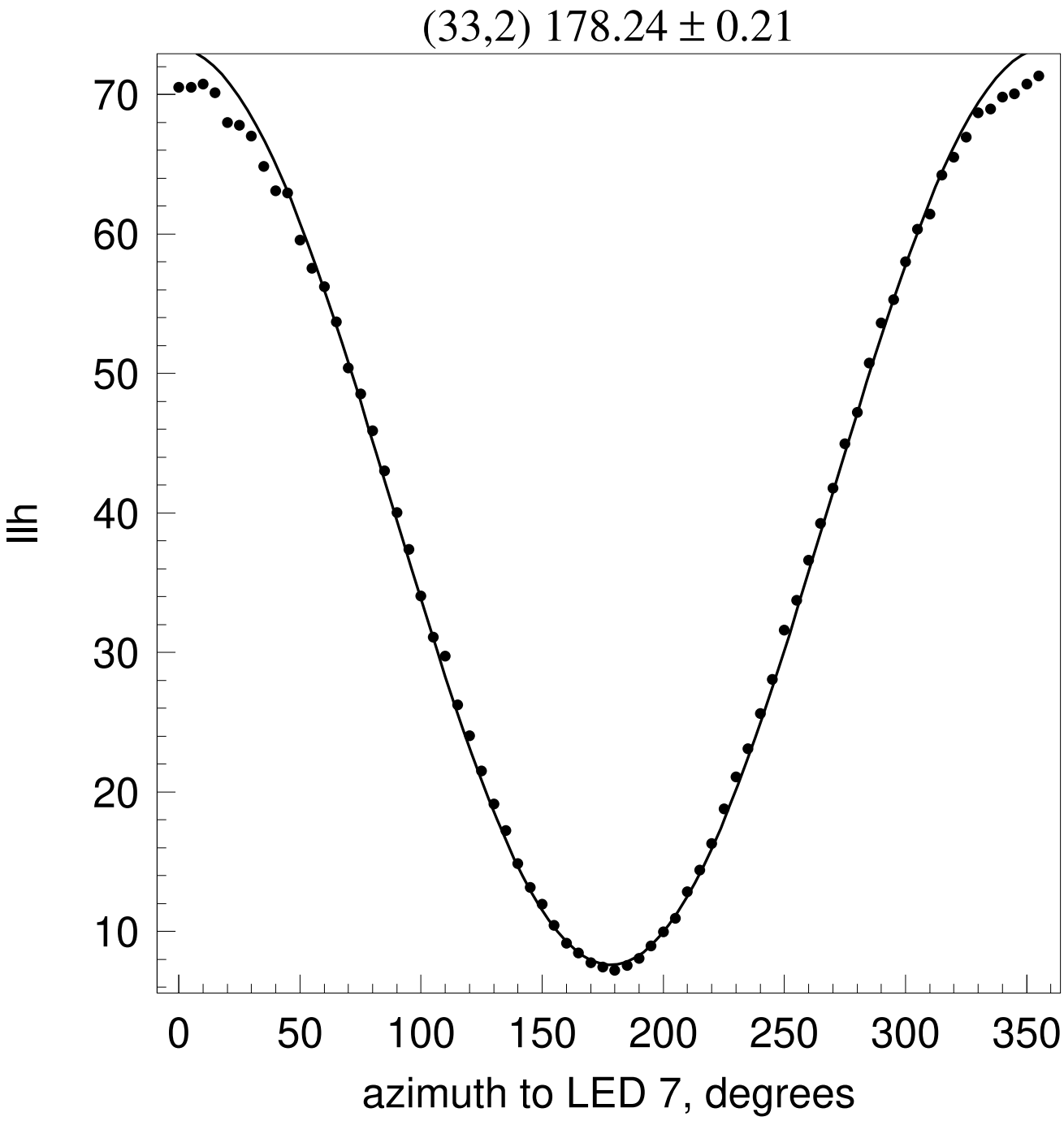

(32,55) 35.91 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

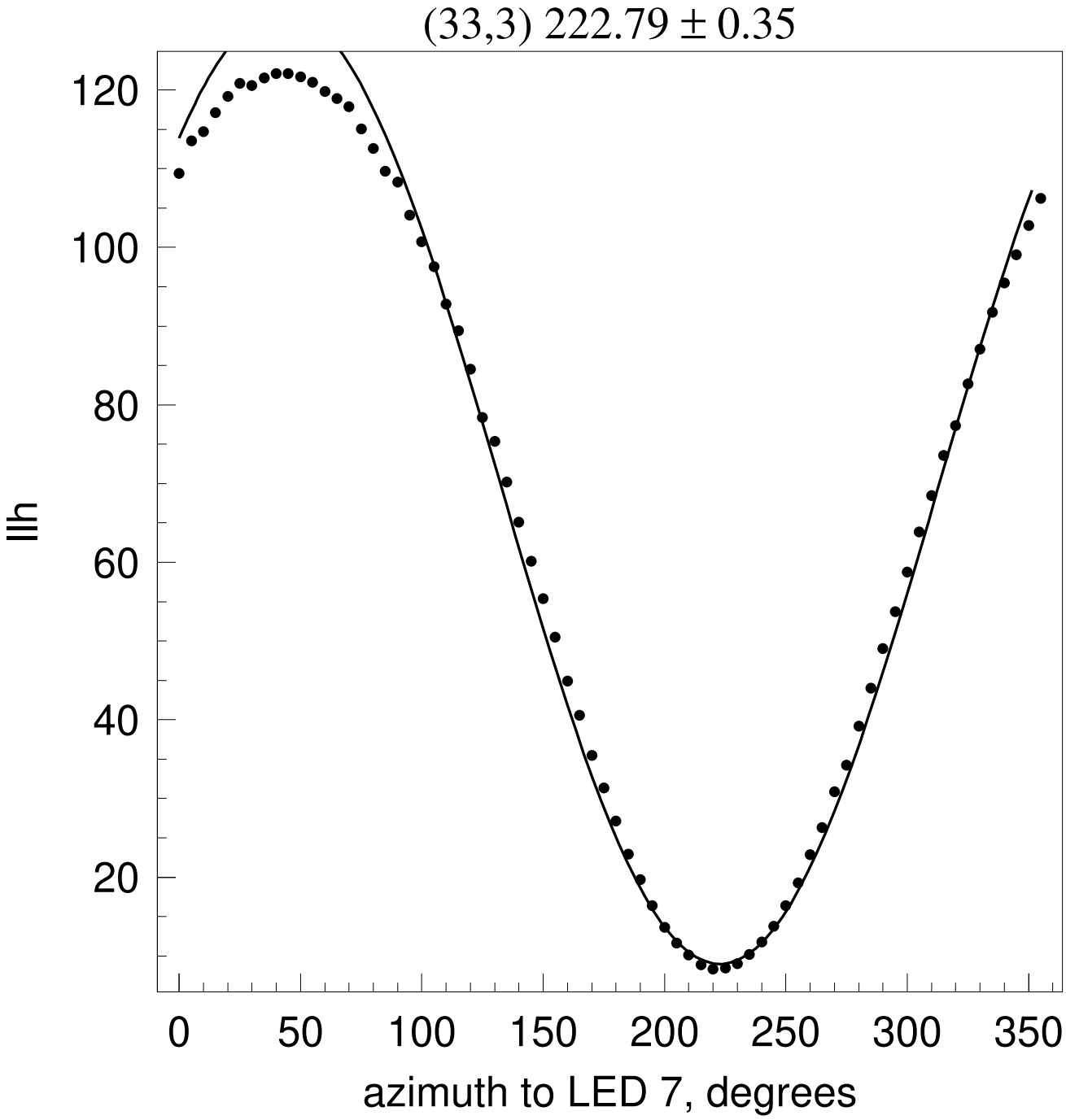

(32,56) 208.56 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

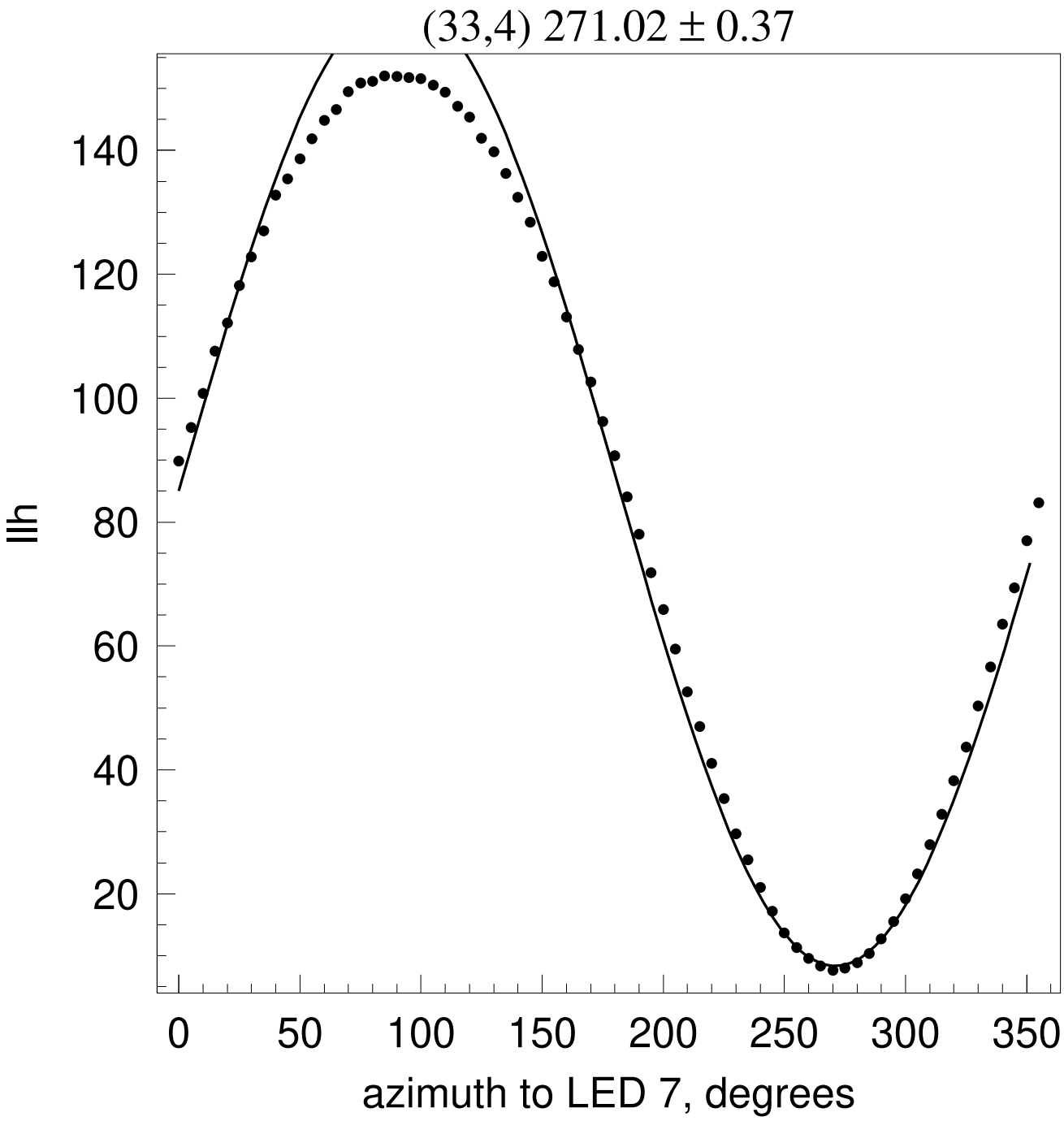

(32,59) 318.43 ± 0.73
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

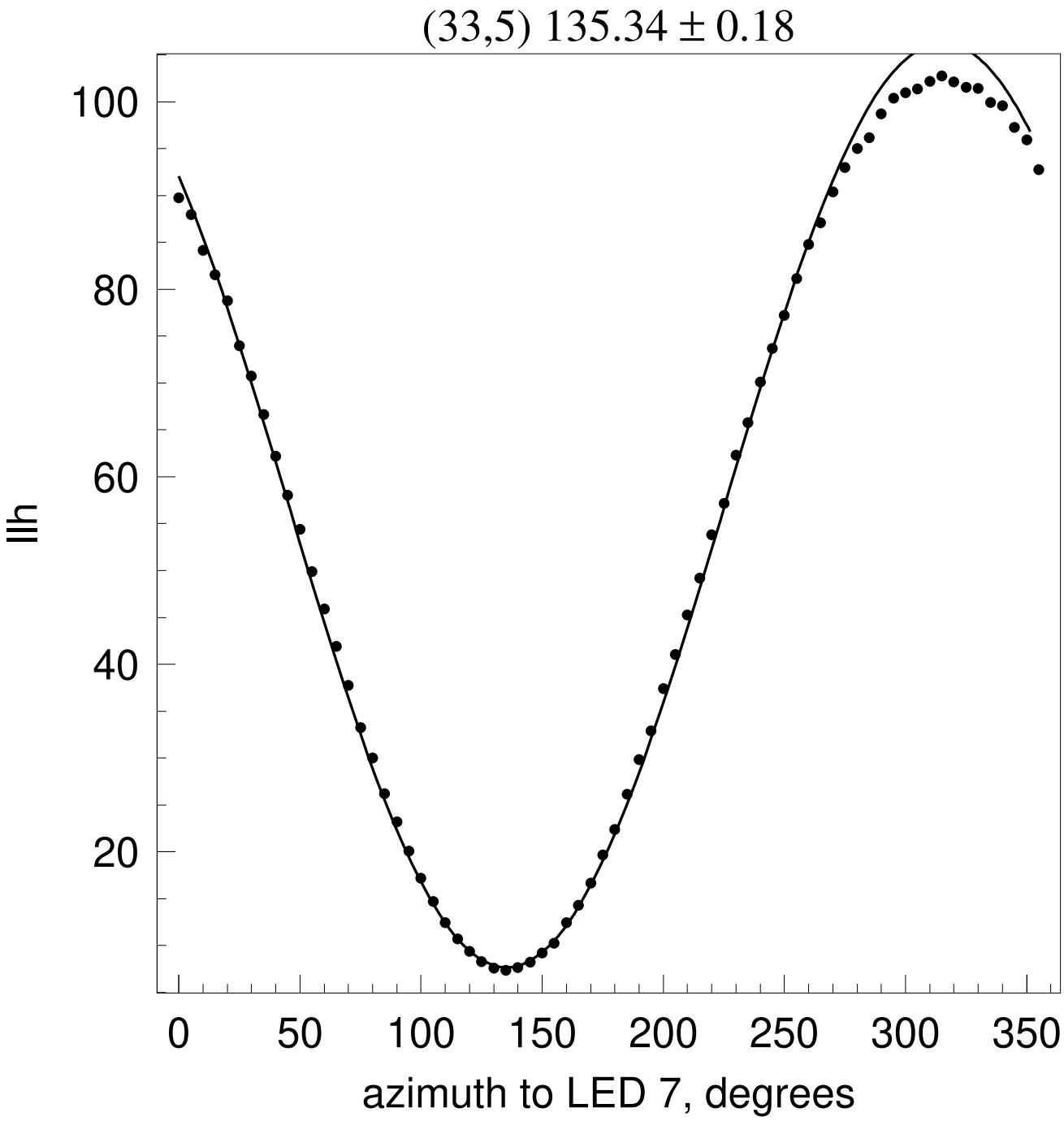

(32,60) 184.35 ± 0.77
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

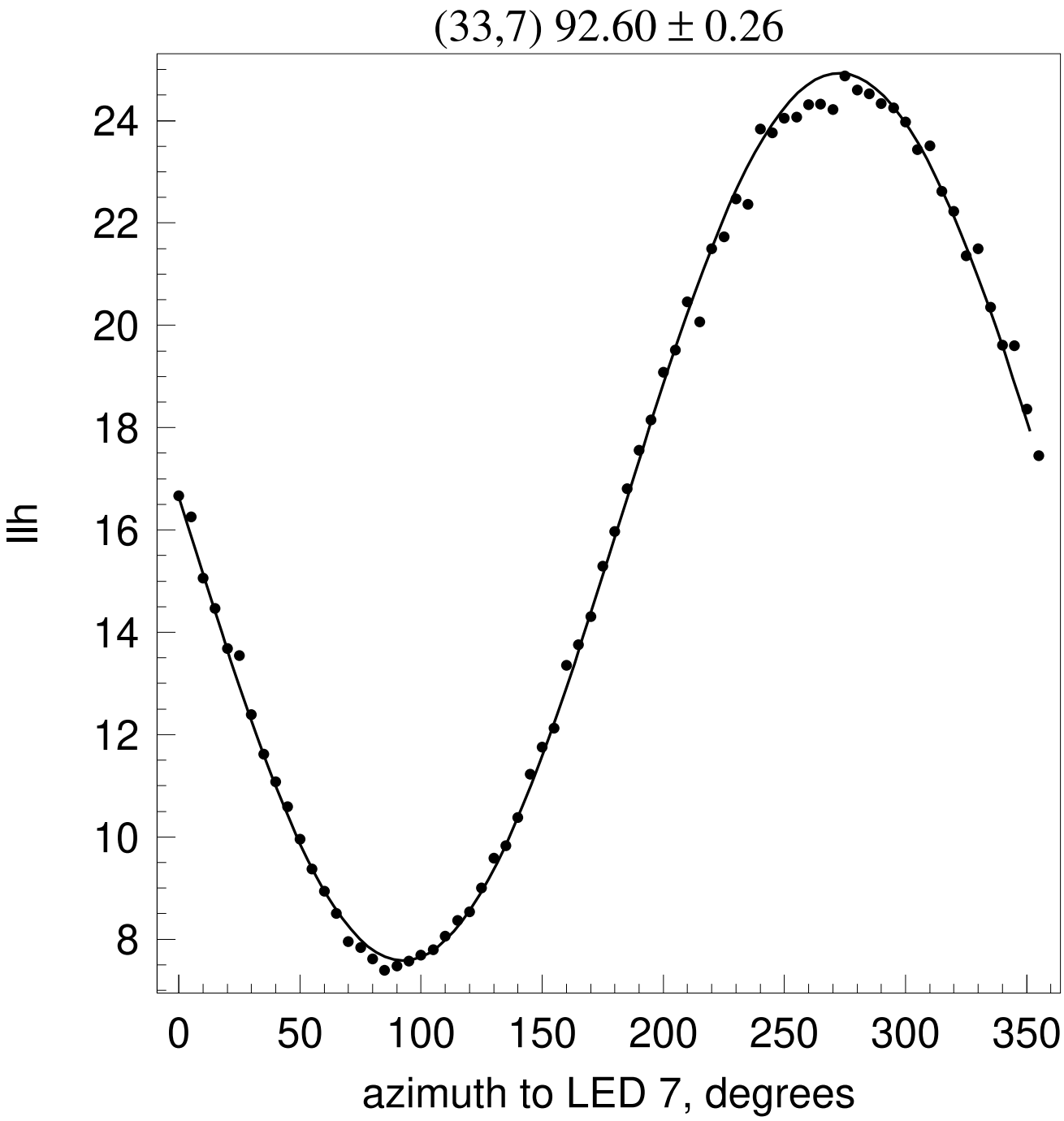

(33,1) 113.96 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

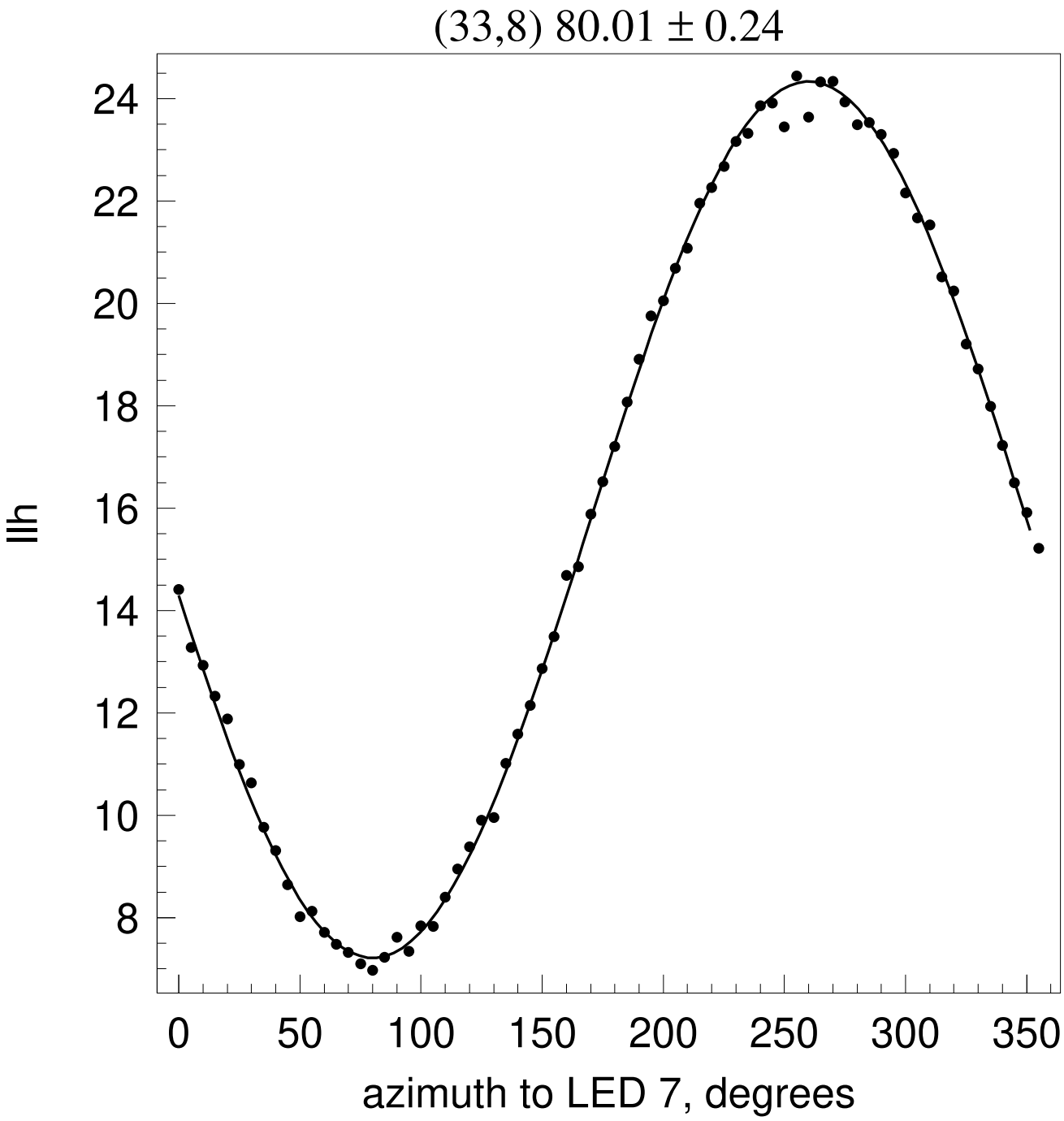

(33,2) 178.24 ± 0.21
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

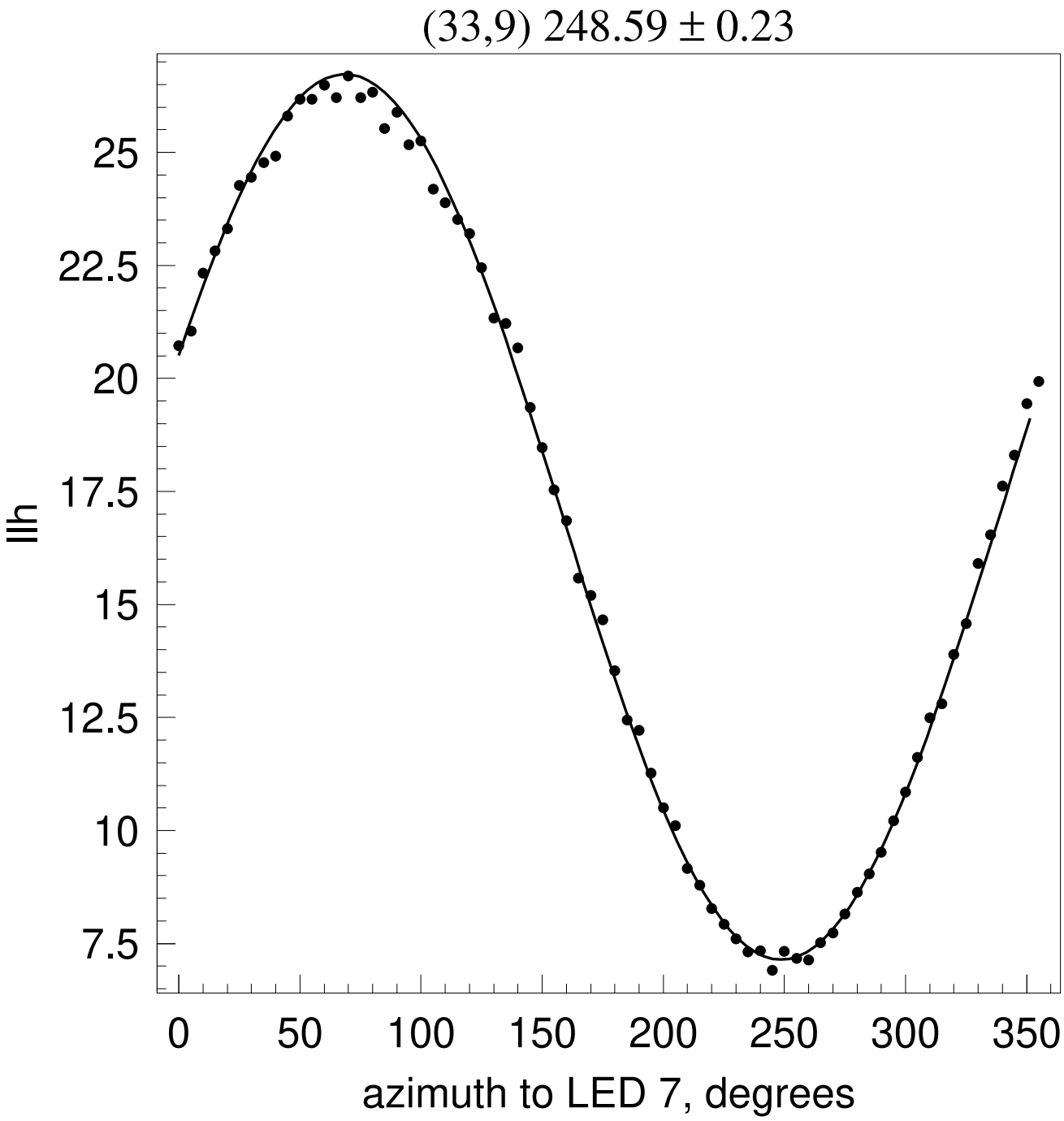

(33,3) 222.79 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

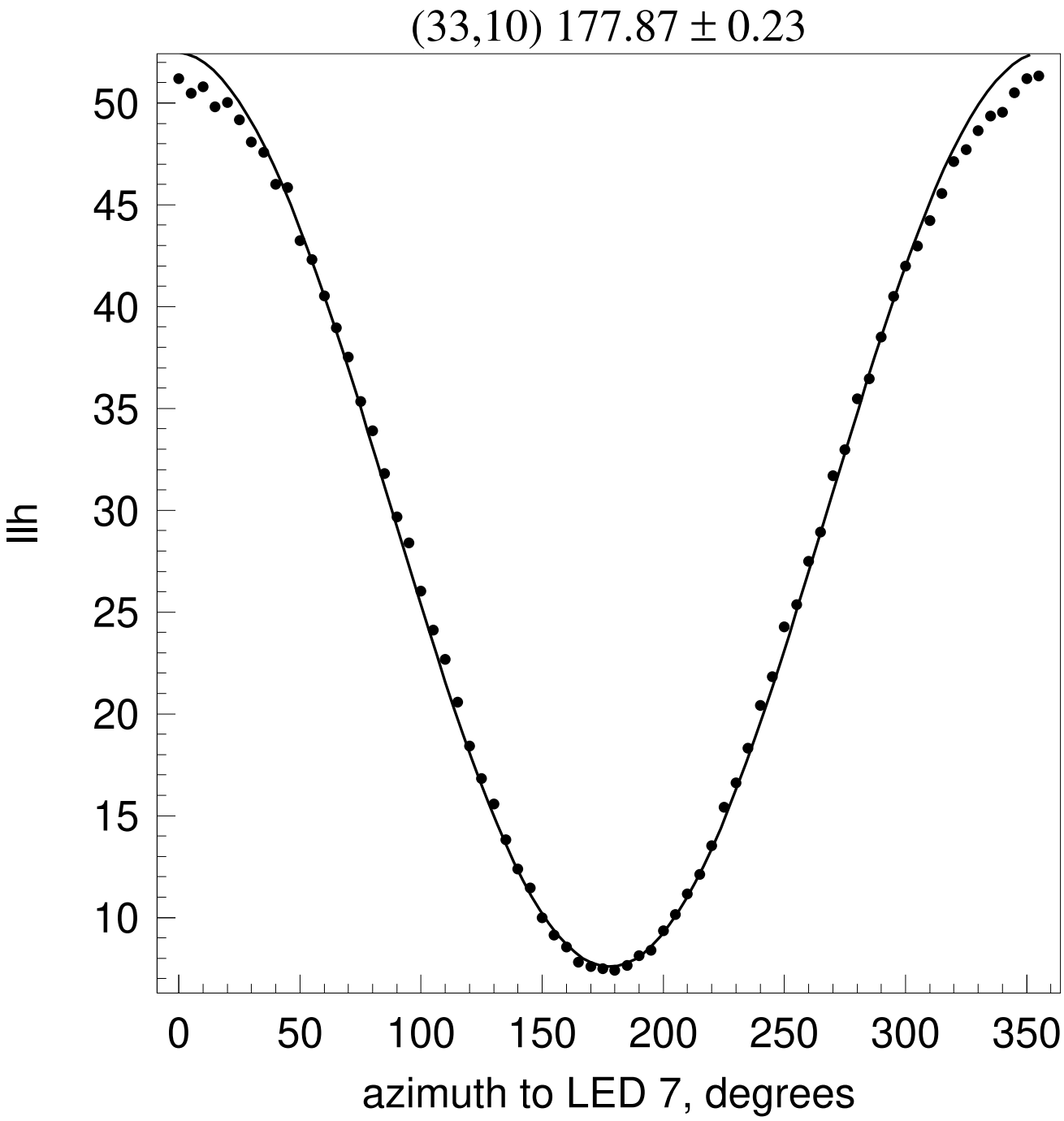

(33,4) 271.02 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

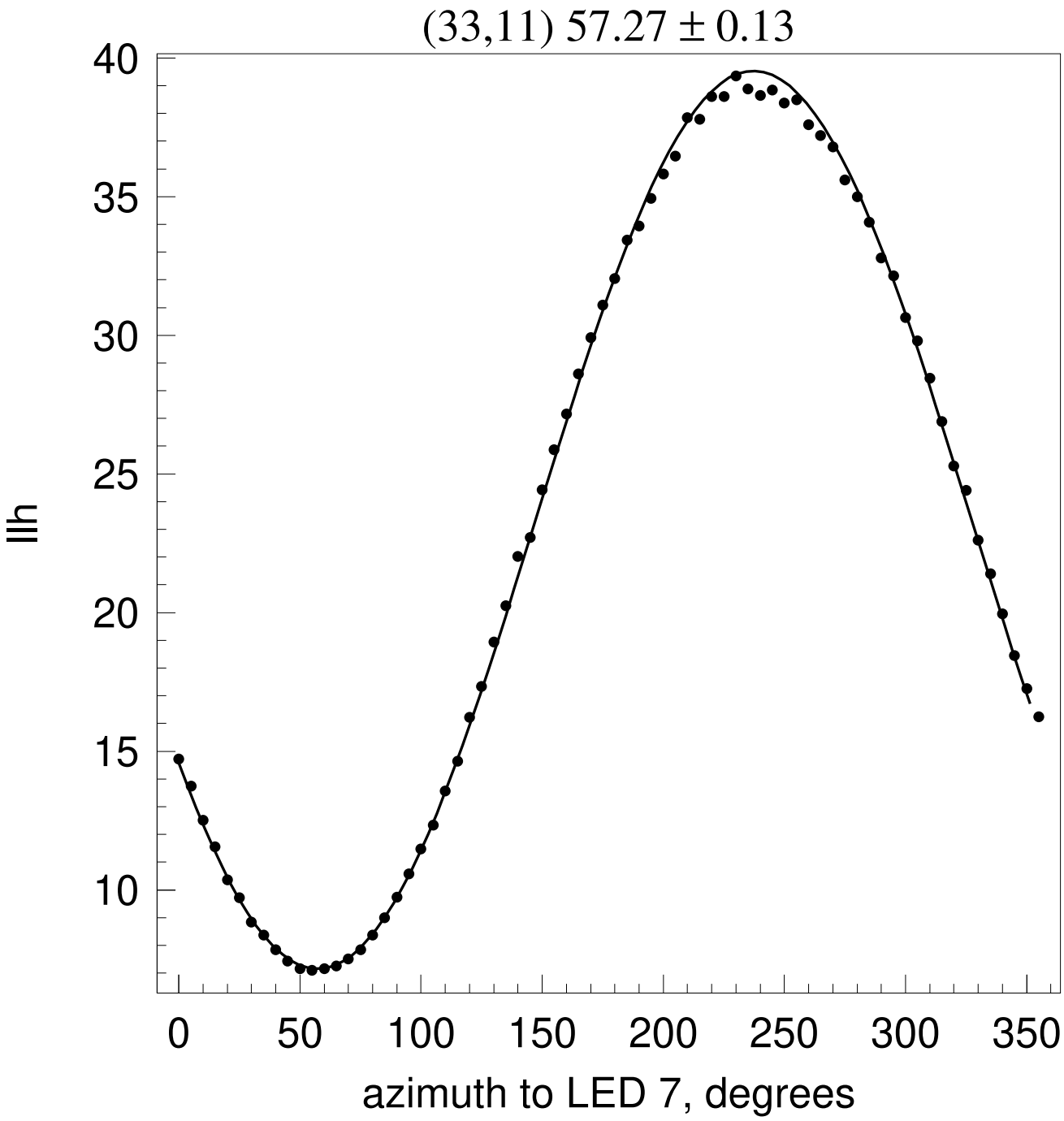

(33,5) 135.34 ± 0.18
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

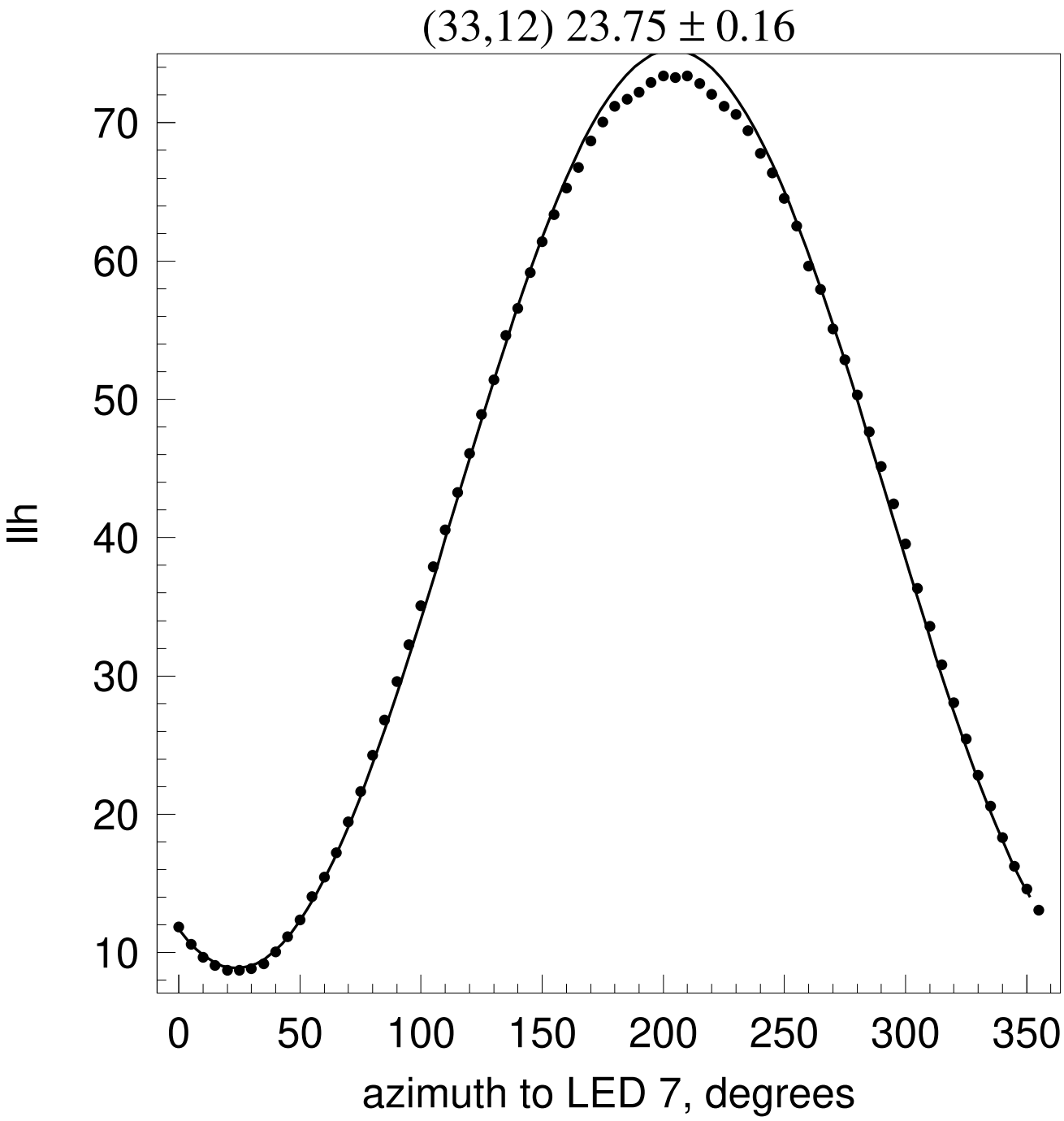

(33,7) 92.60 ± 0.26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

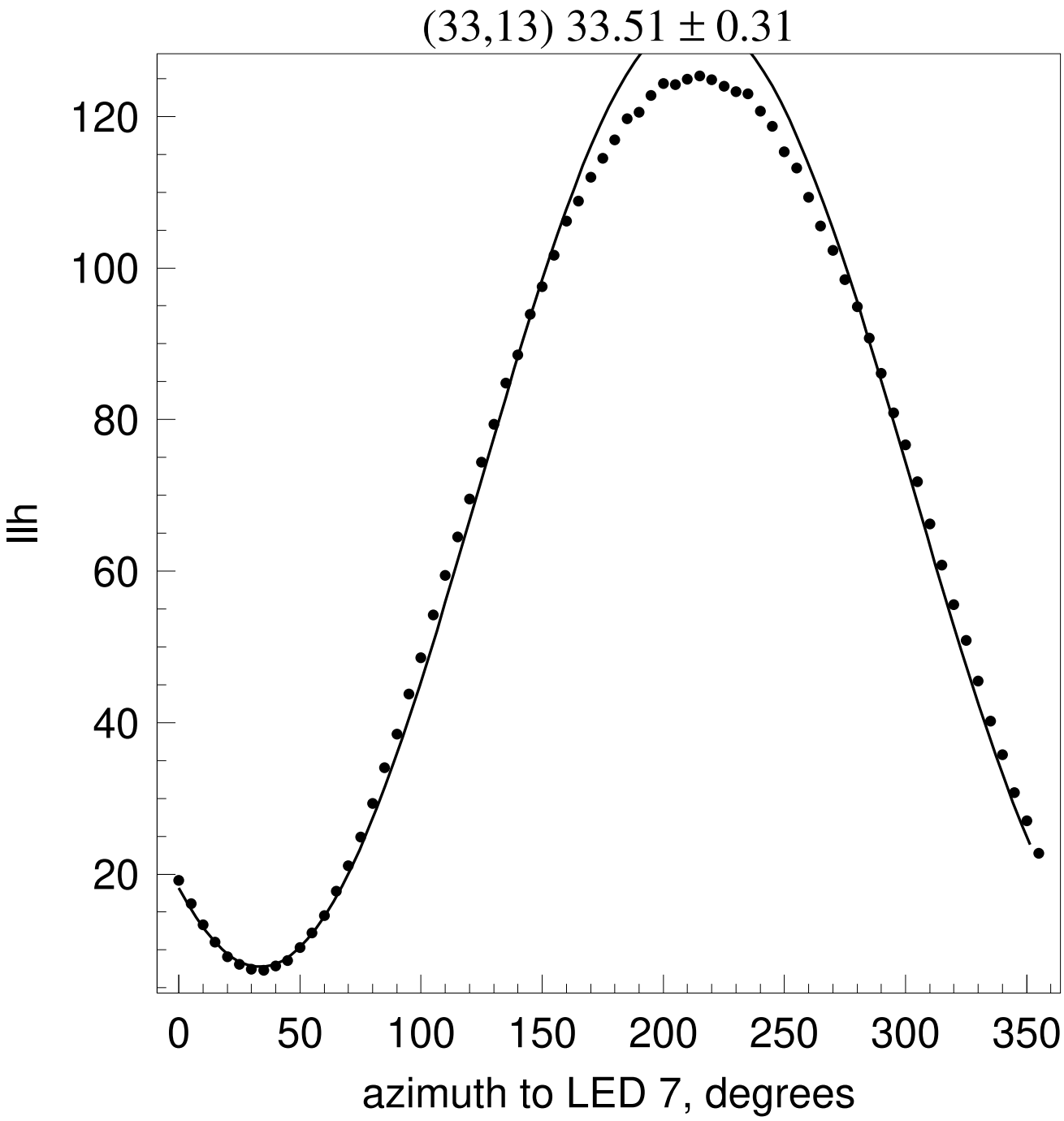

(33,8) 80.01 ± 0.24
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

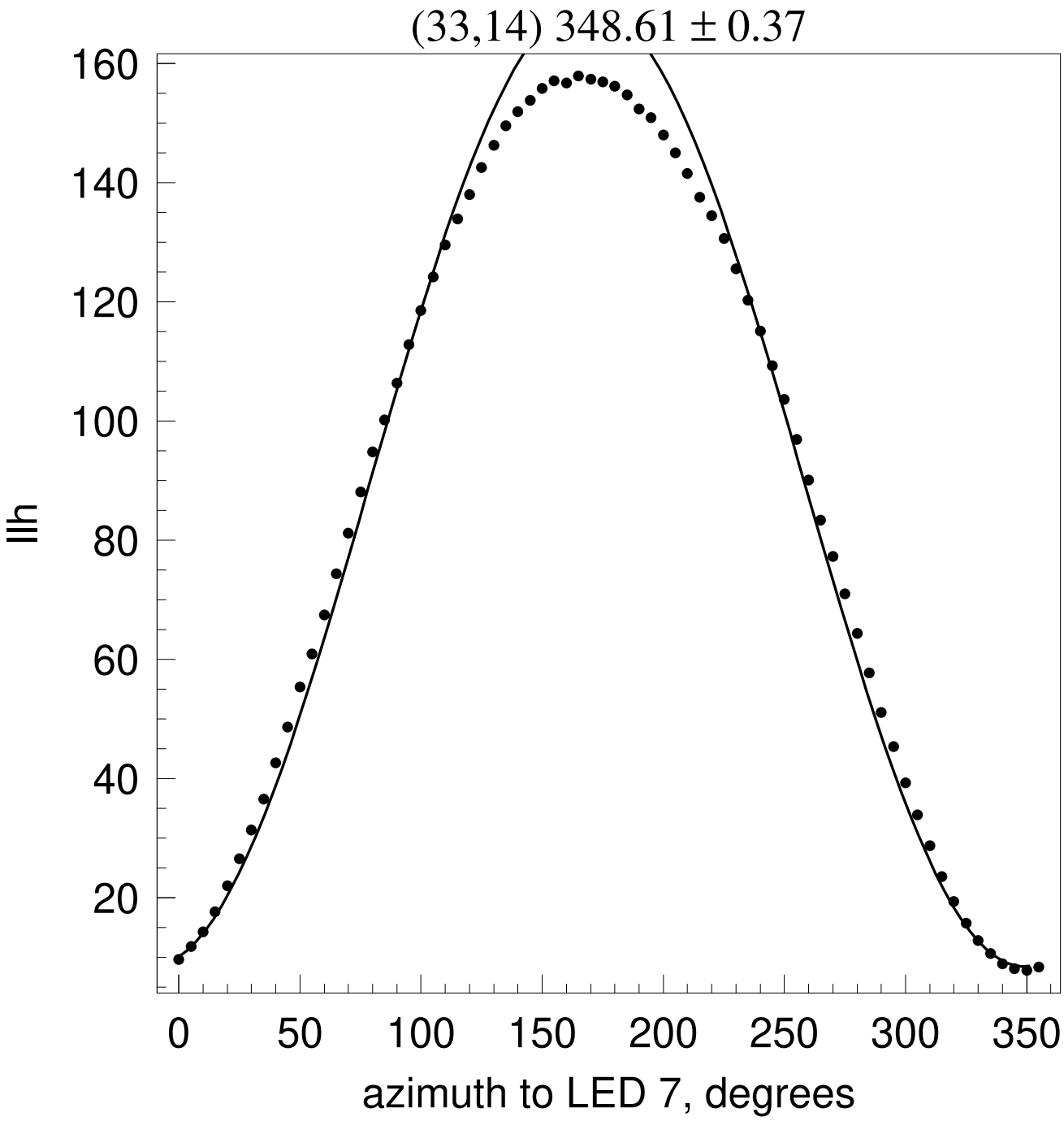

(33,9) 248.59 ± 0.23
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

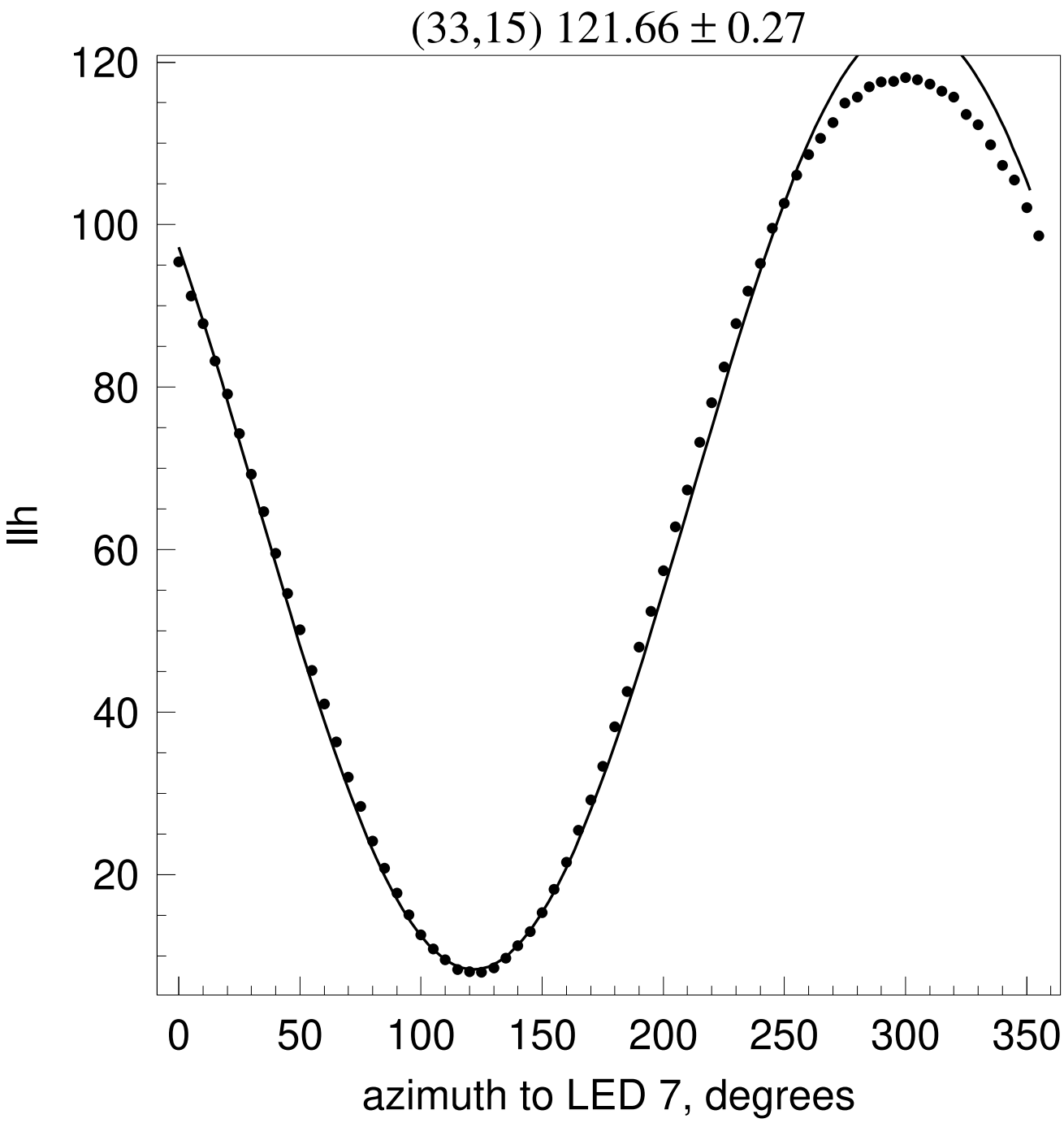

(33,10) 177.87 ± 0.23
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

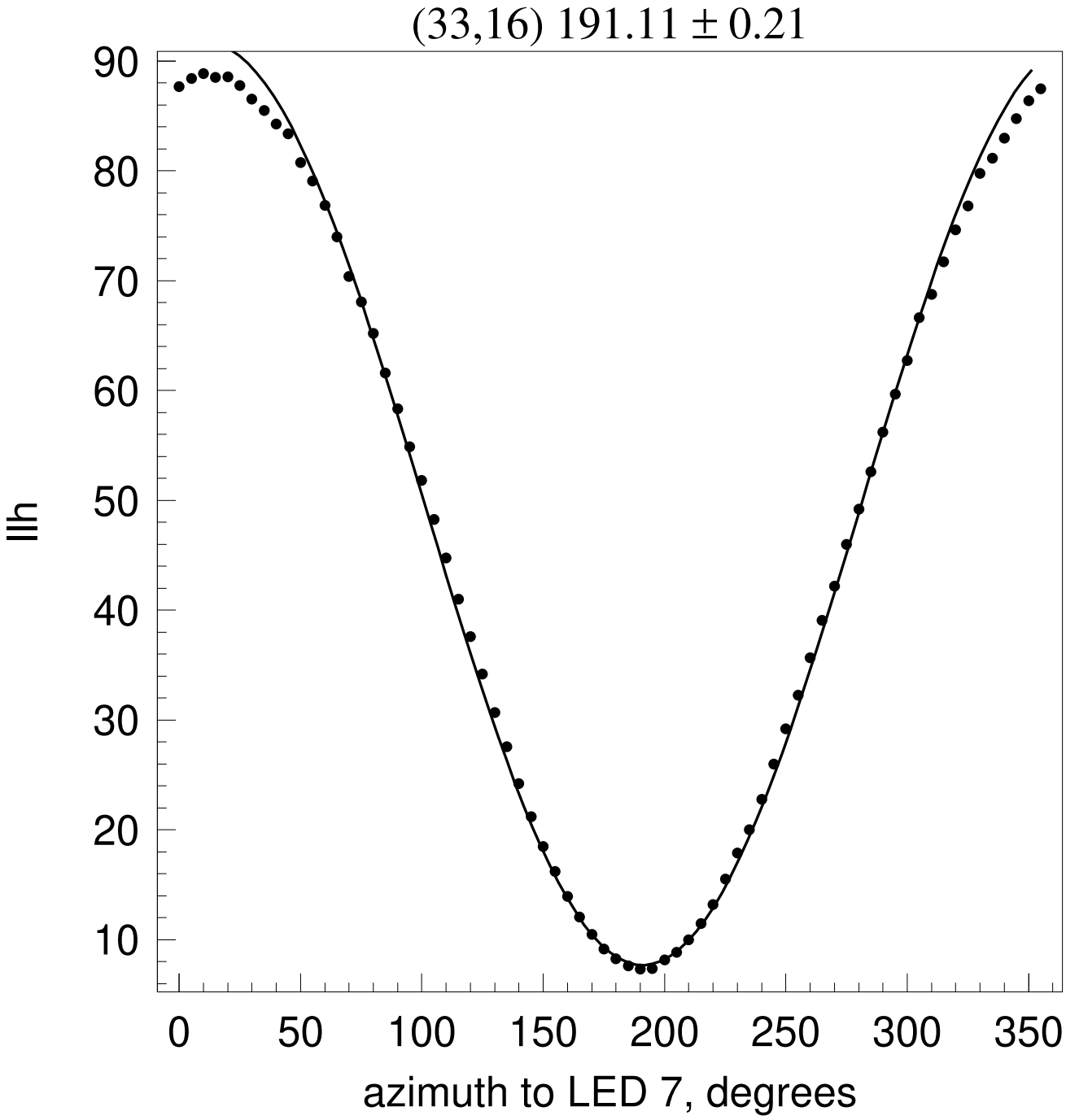

(33,11) 57.27 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

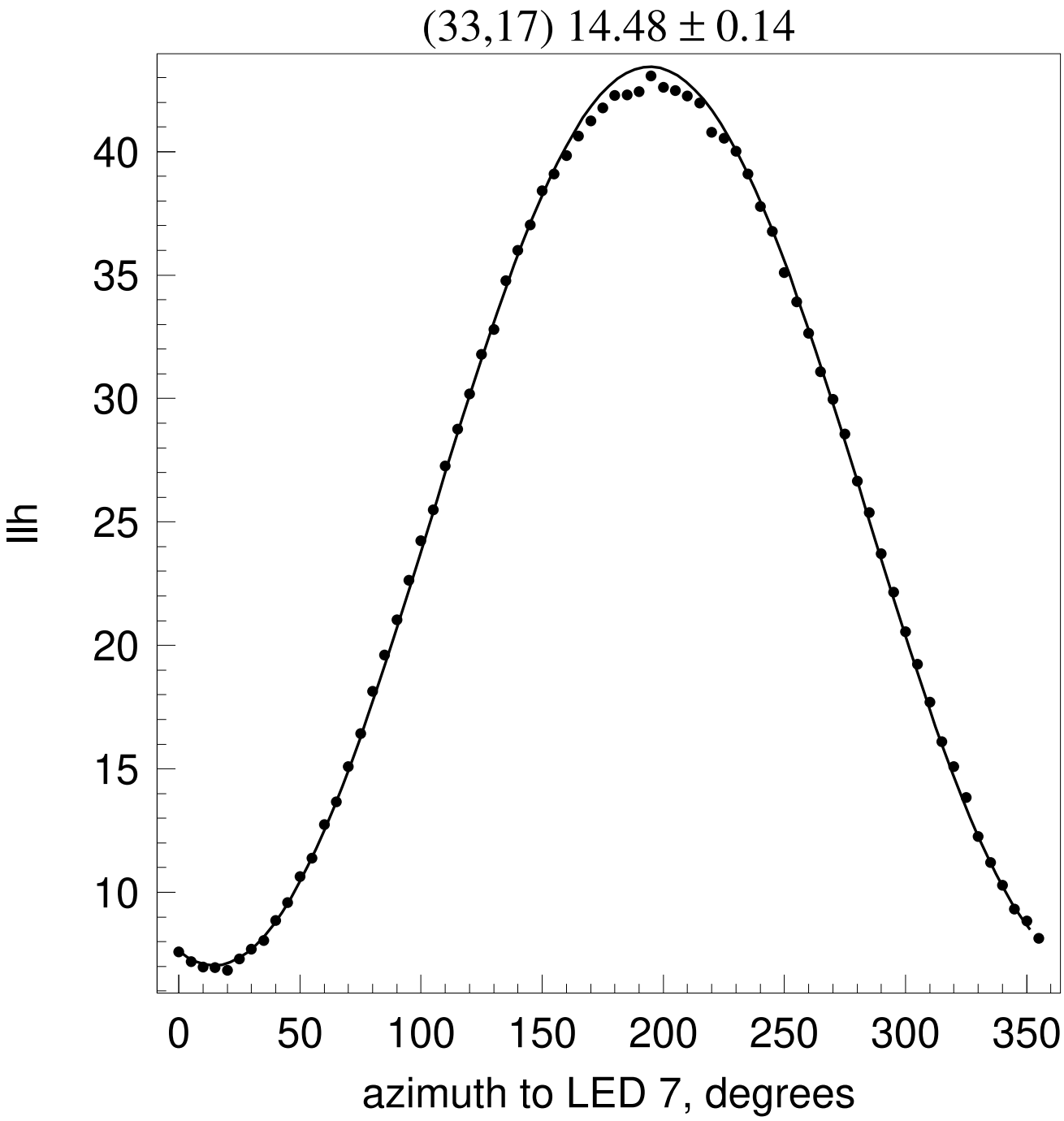

(33,12) 23.75 ± 0.16
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

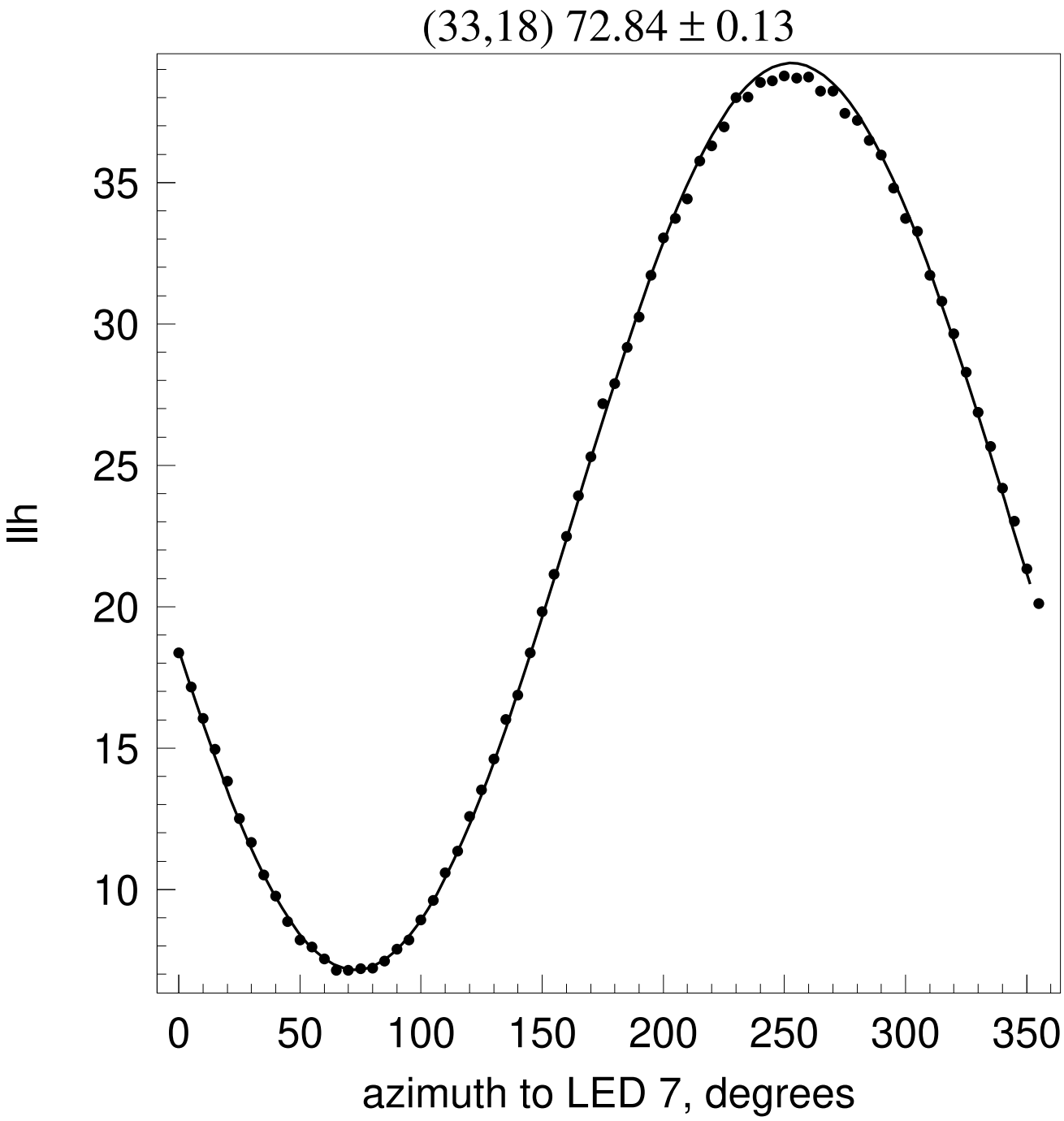

(33,13) 33.51 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

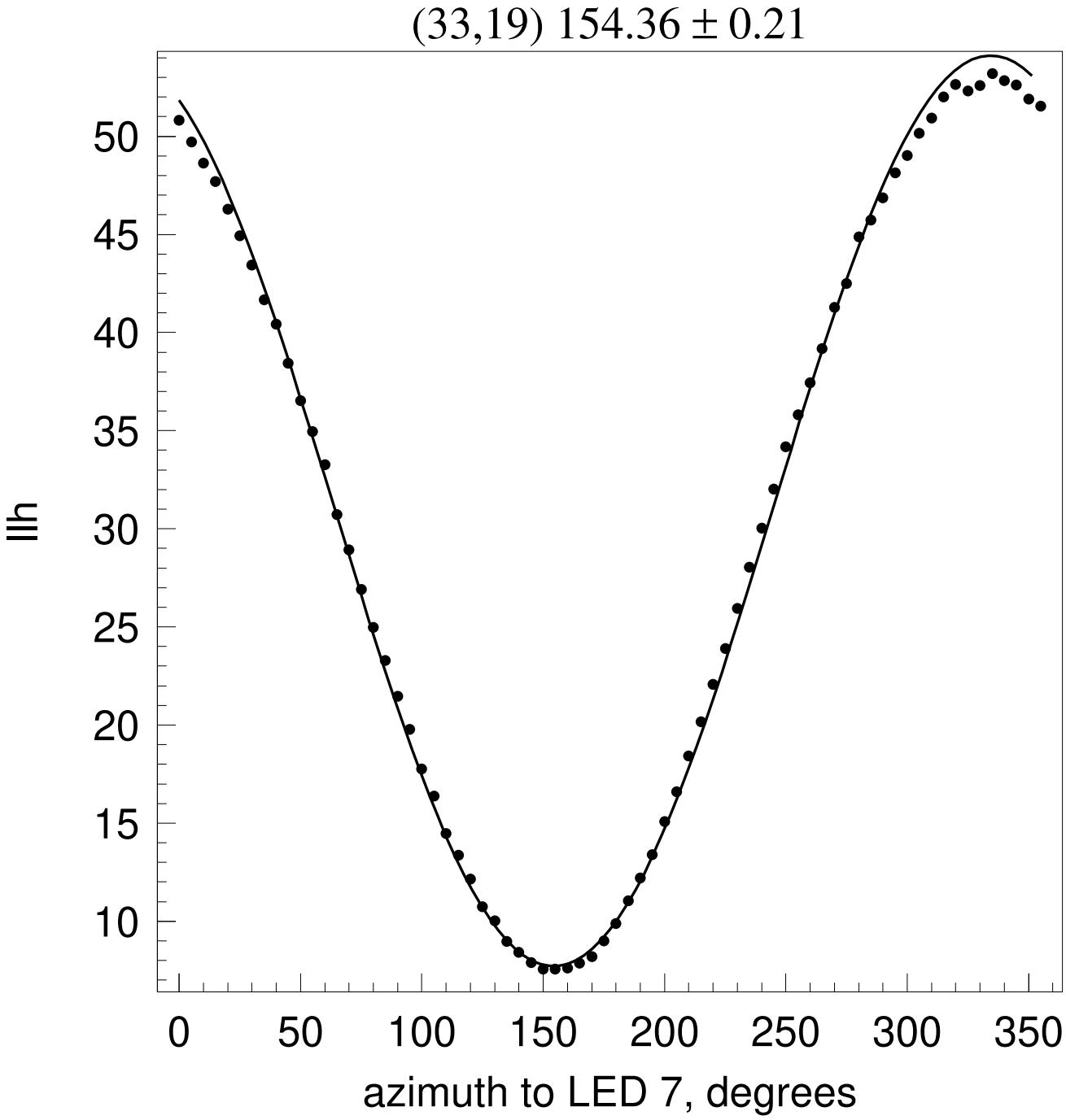

(33,14) 348.61 ± 0.37
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

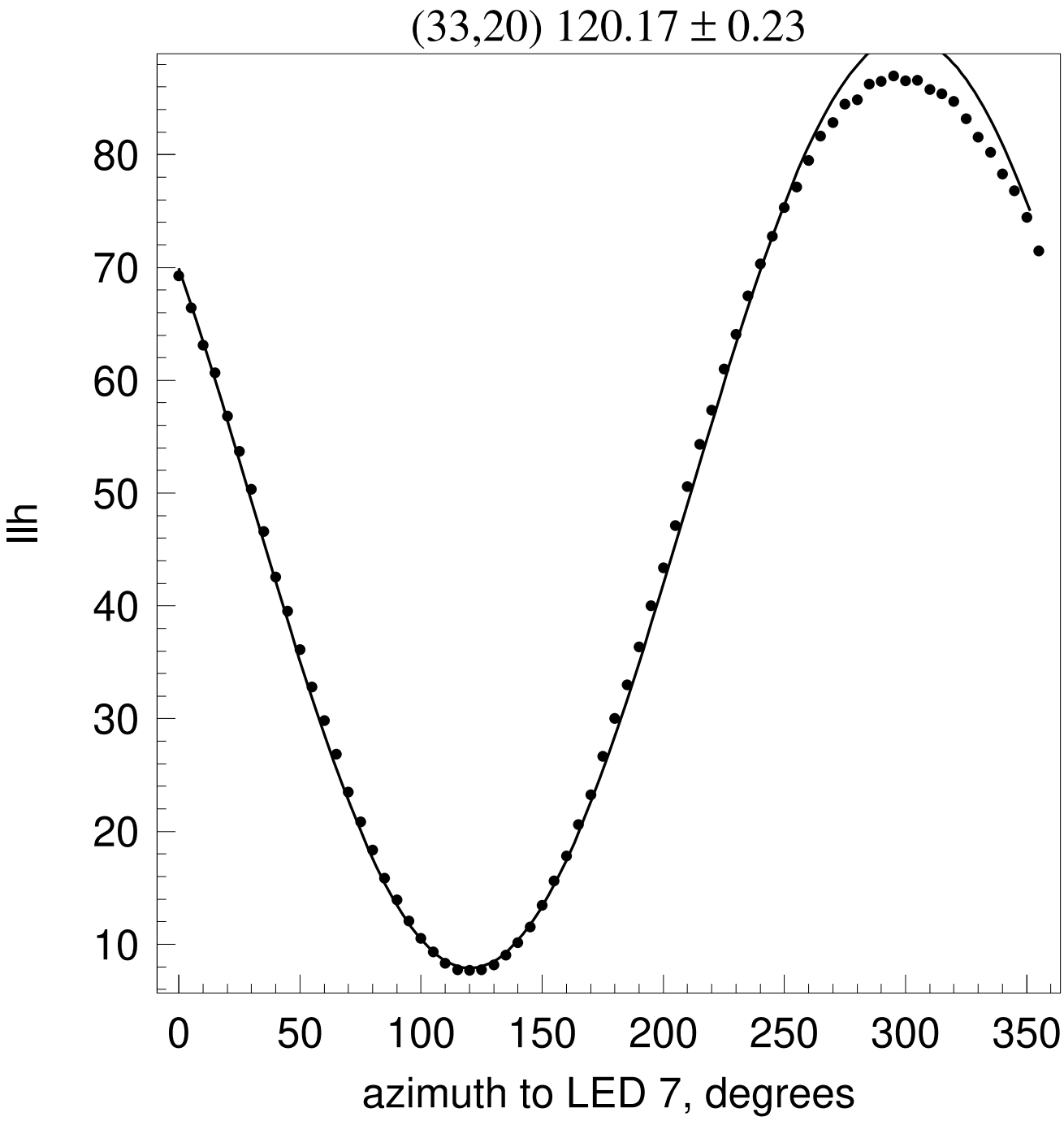

(33,15) 121.66 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

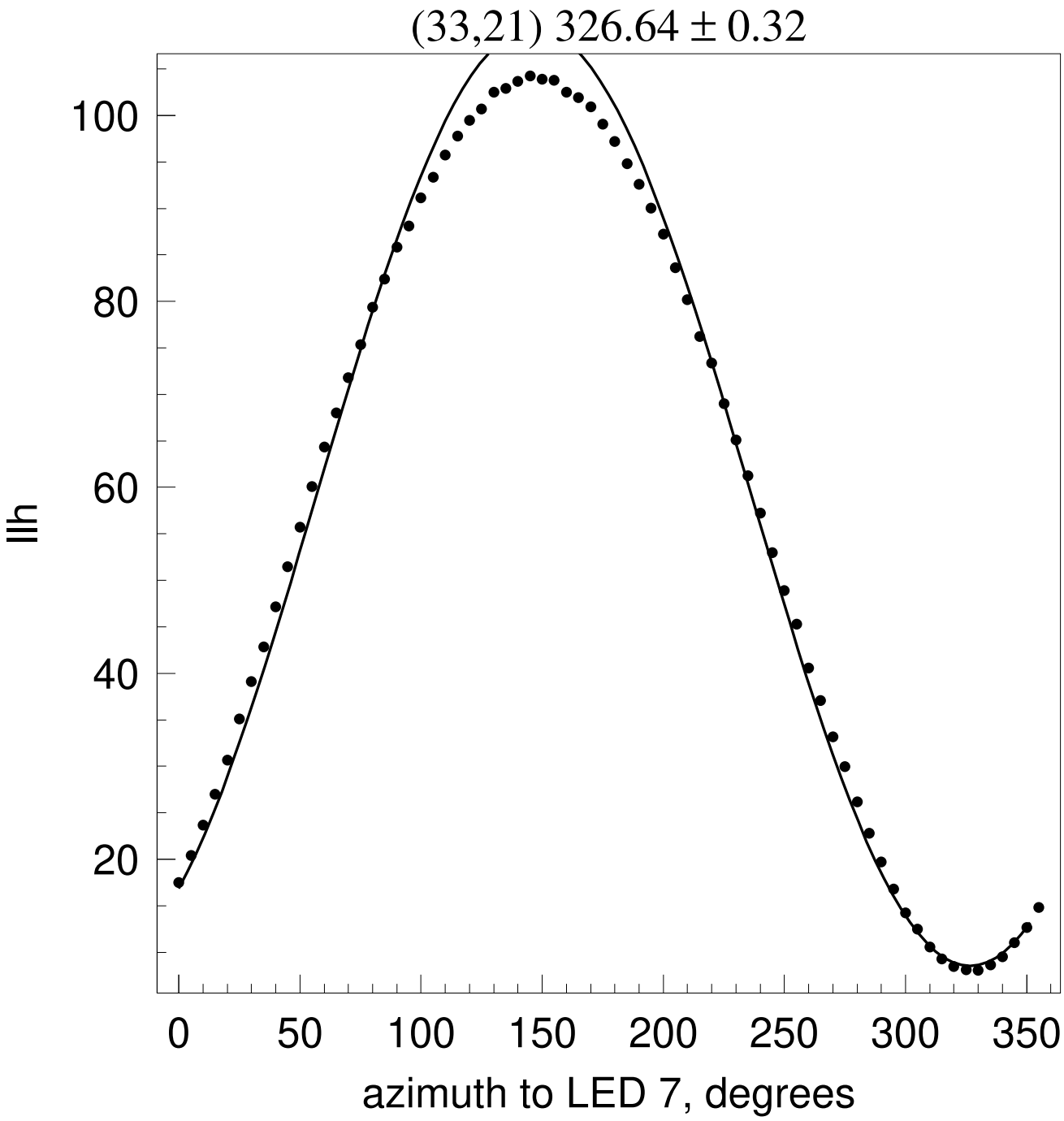

(33,16) 191.11 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

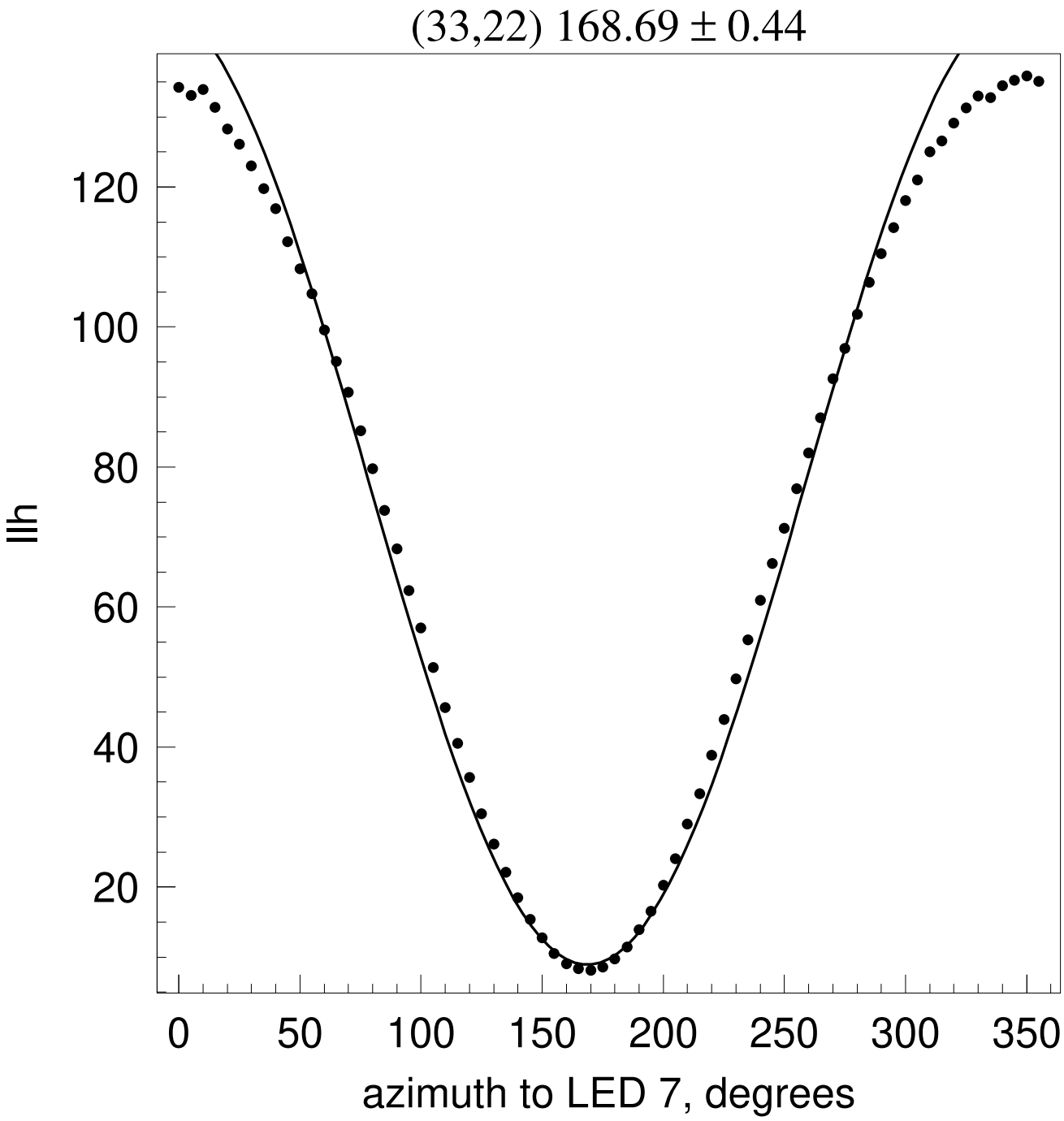

(33,17) 14.48 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

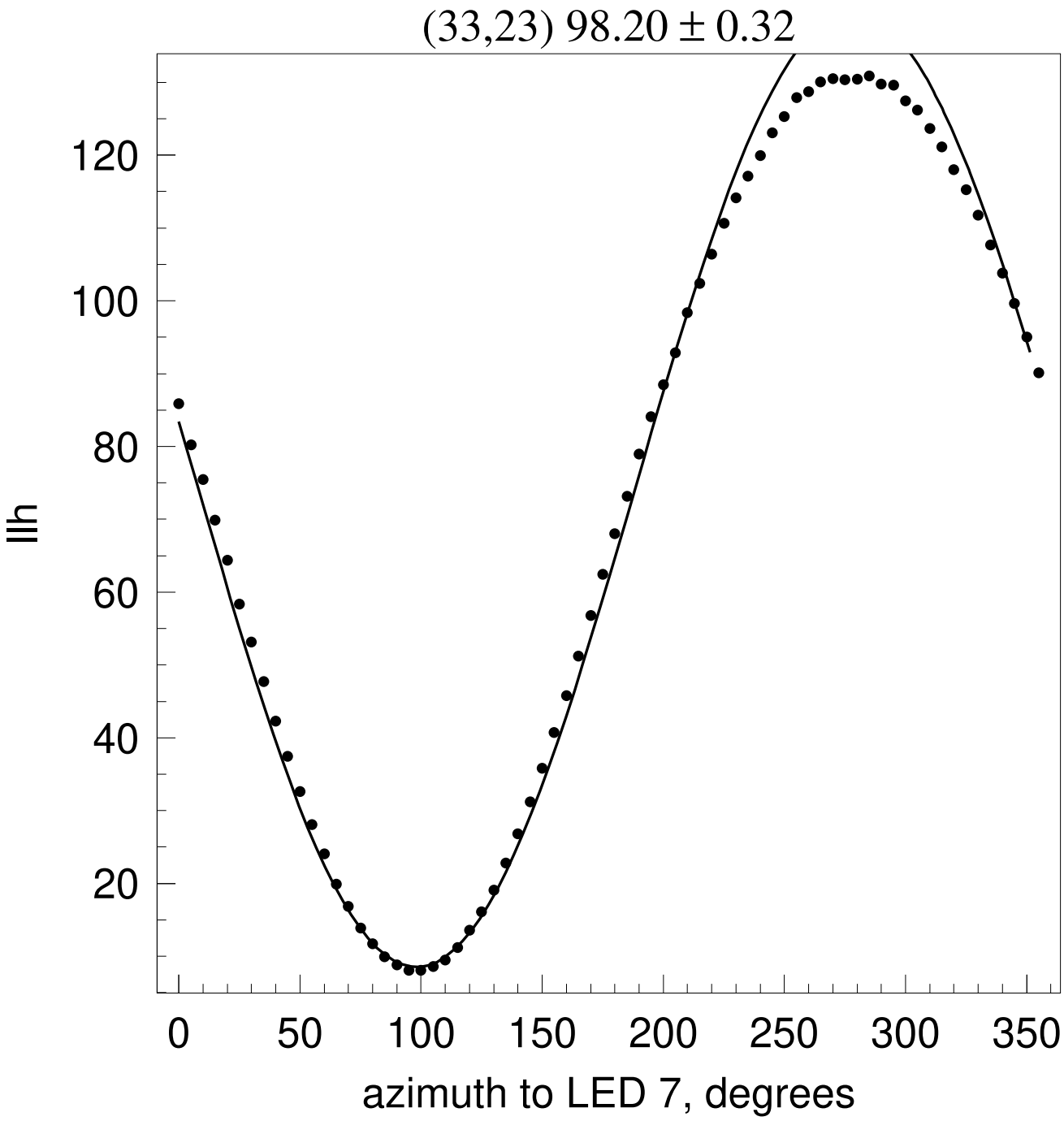

(33,18) 72.84 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

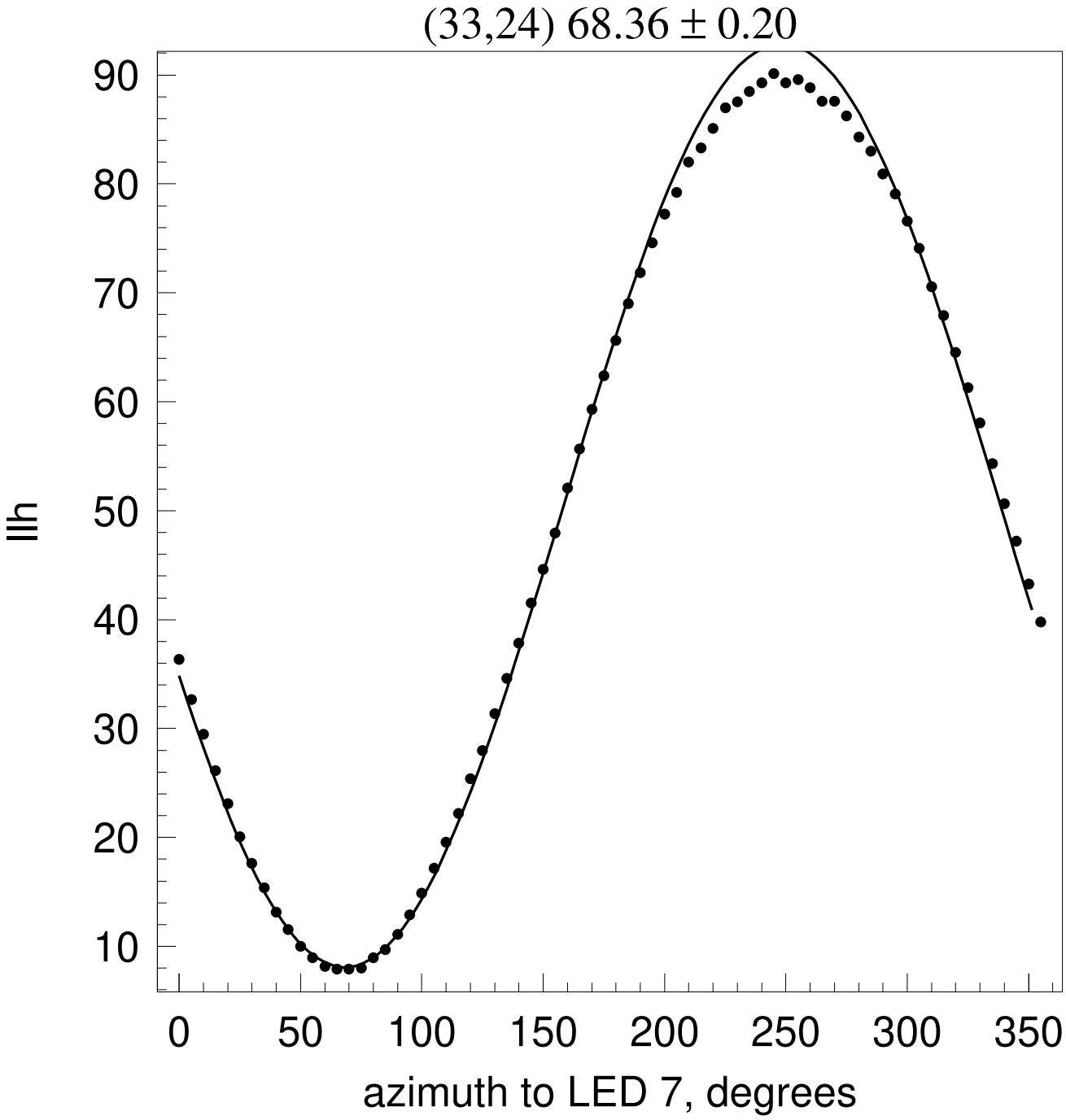

(33,19) 154.36 ± 0.21
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

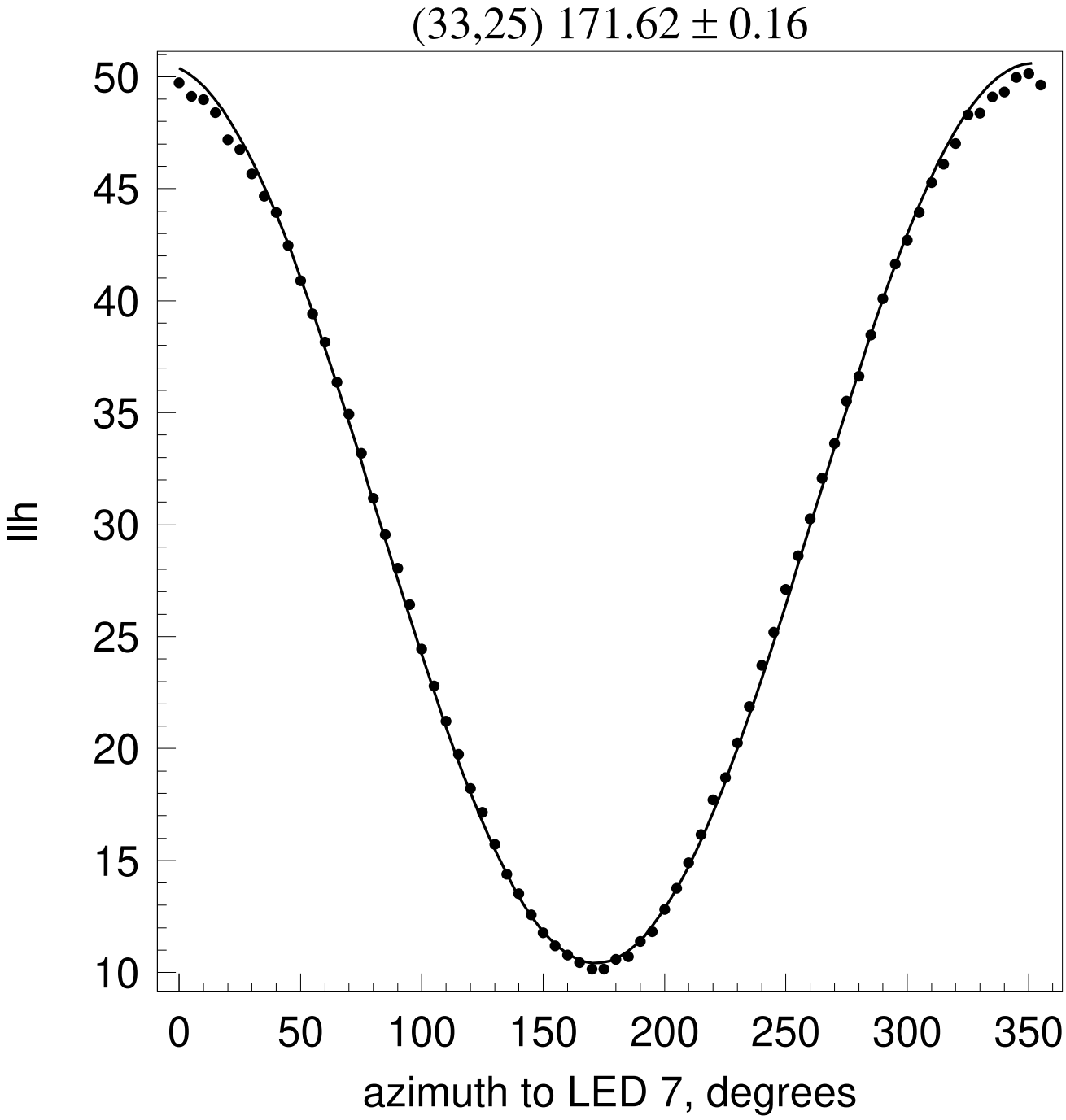

(33,20) 120.17 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

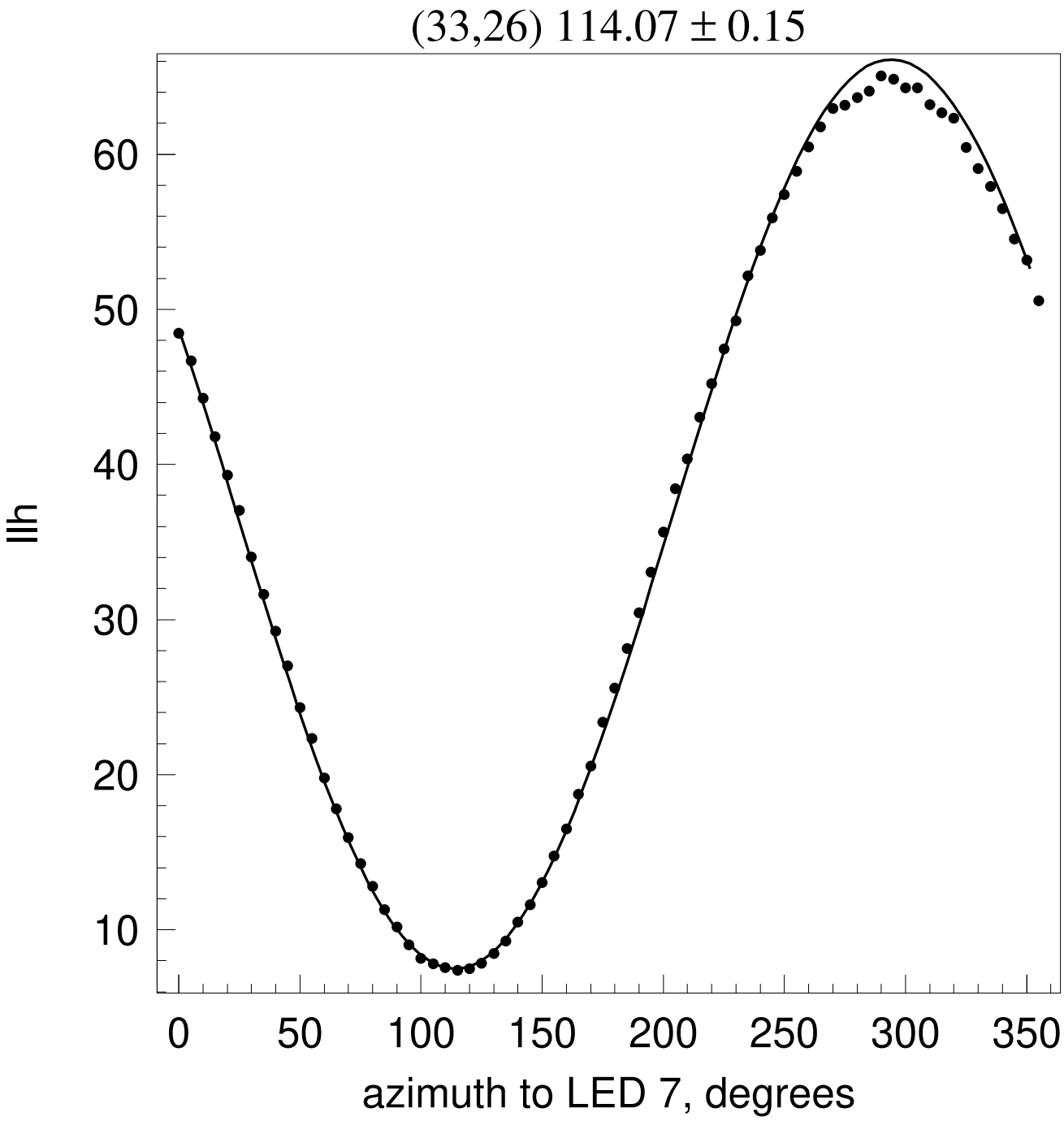

(33,21) 326.64 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

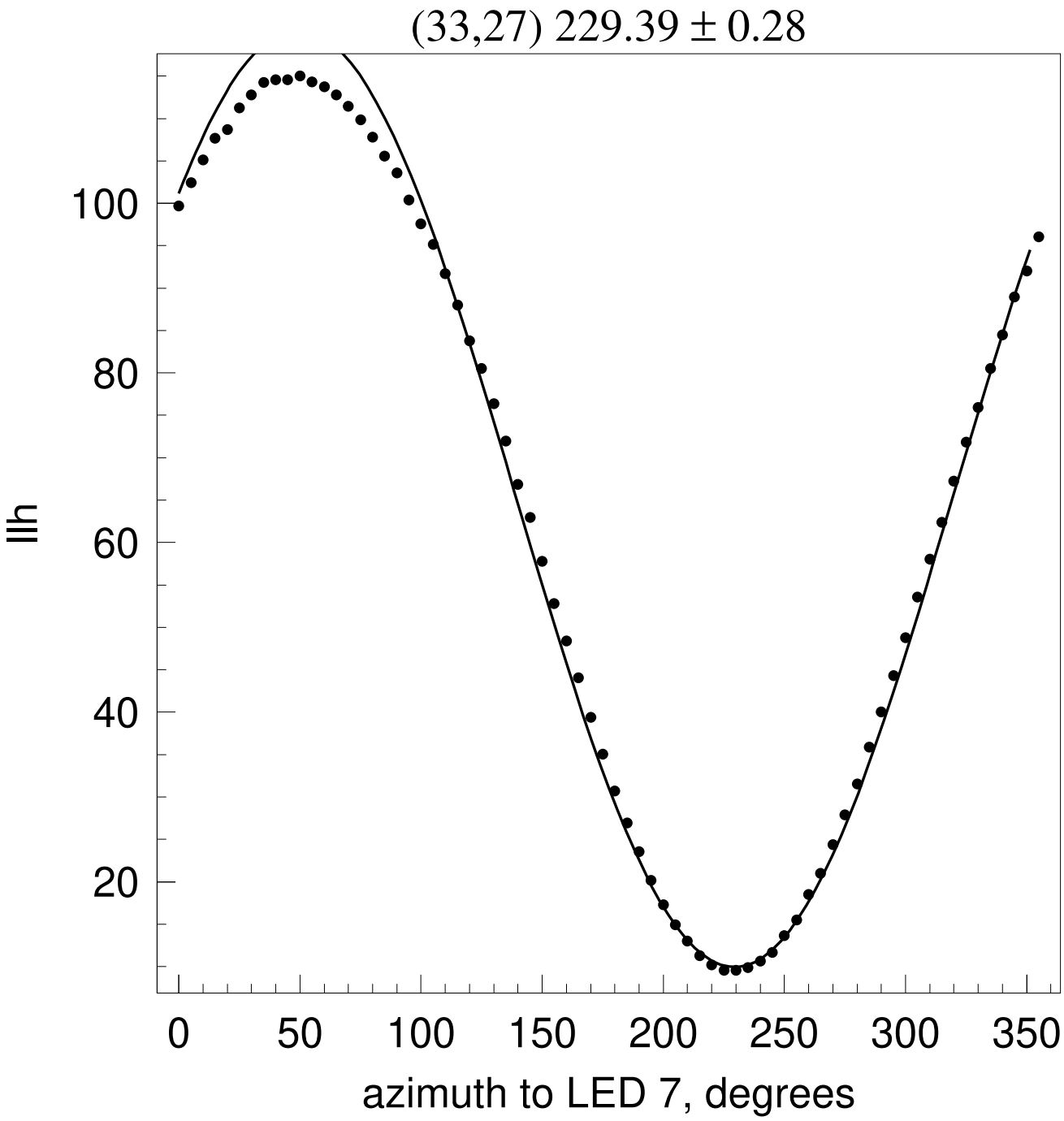

(33,22) 168.69 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

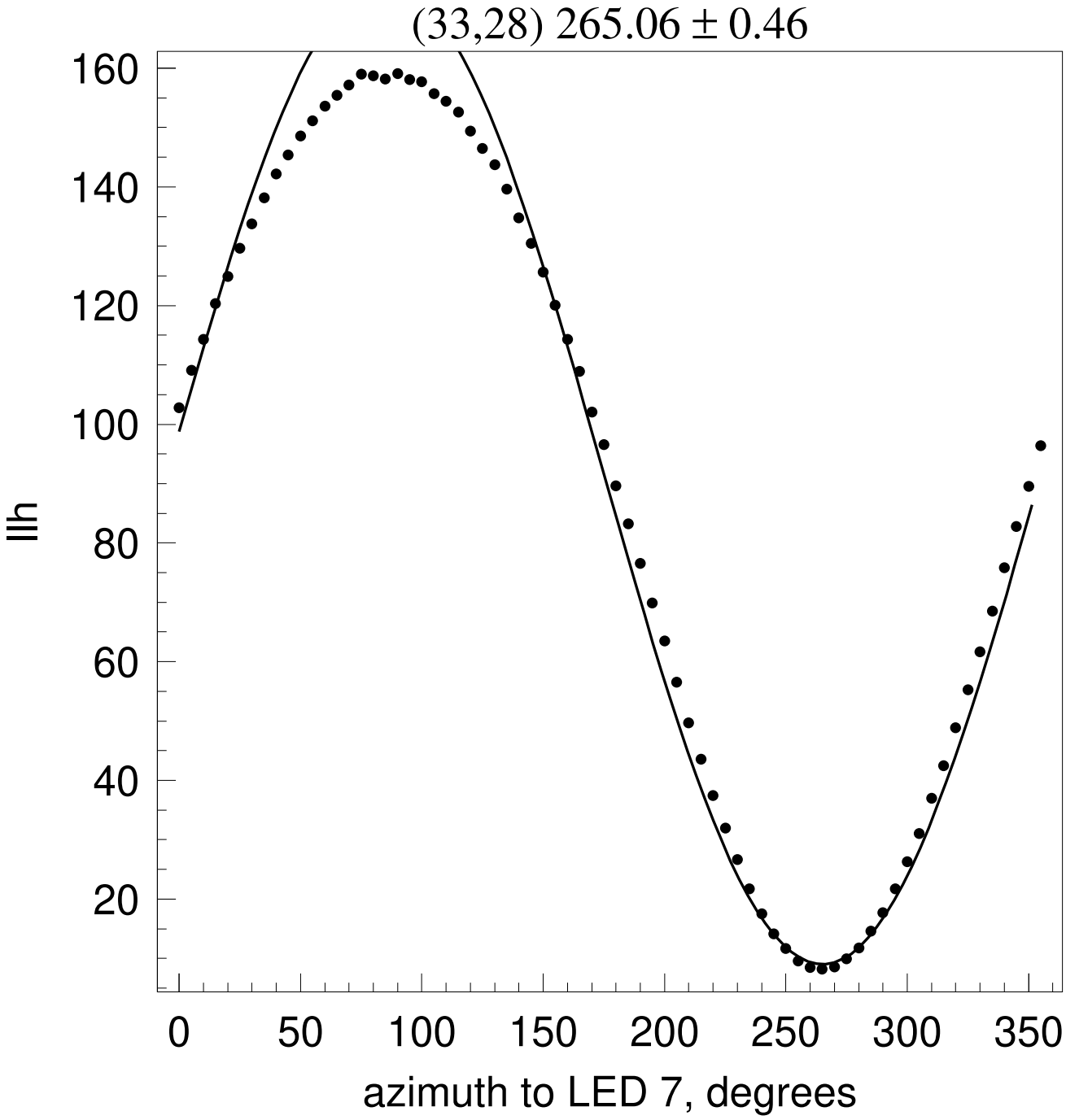

(33,23) 98.20 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

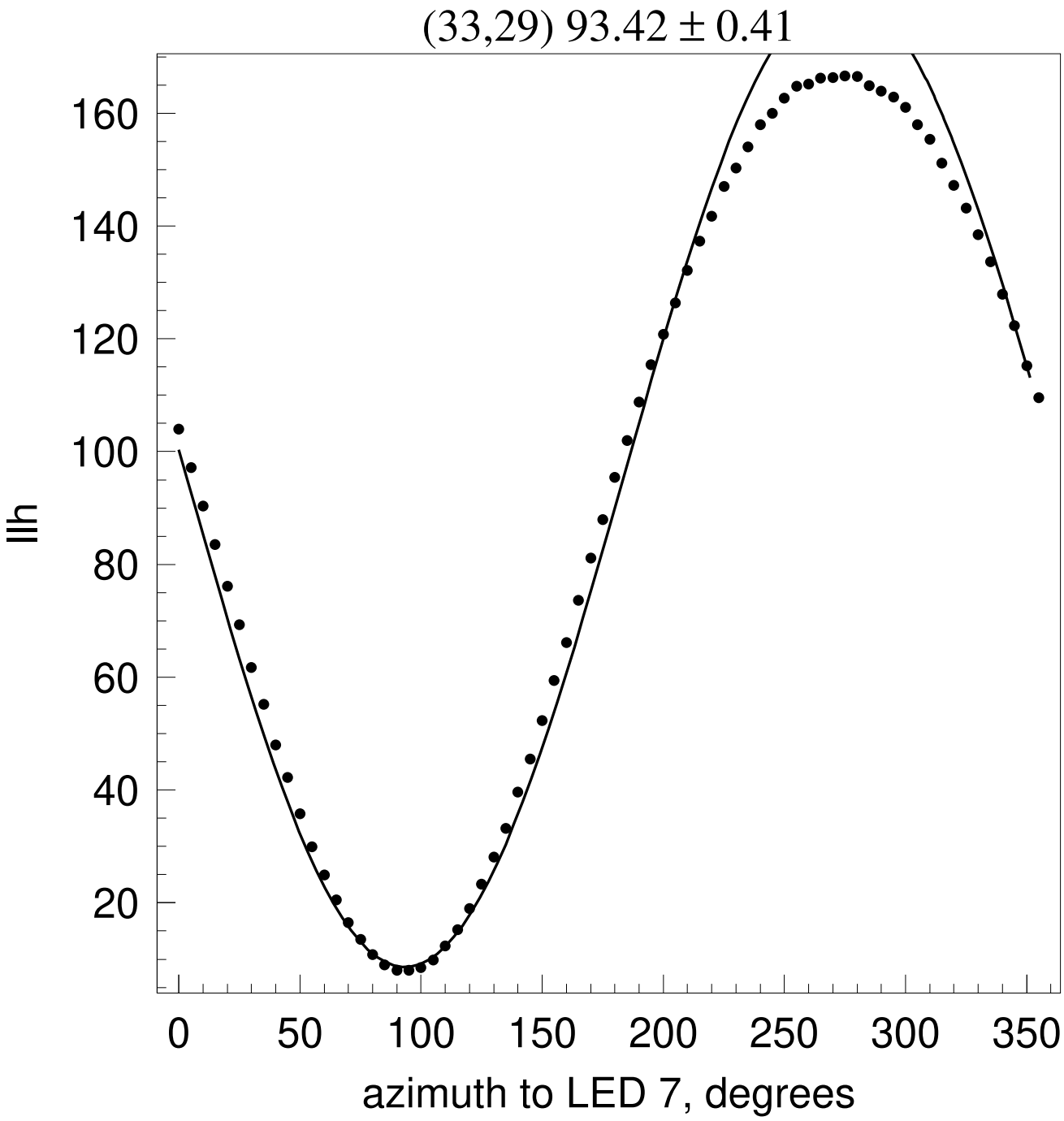

(33,24) 68.36 ± 0.20
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

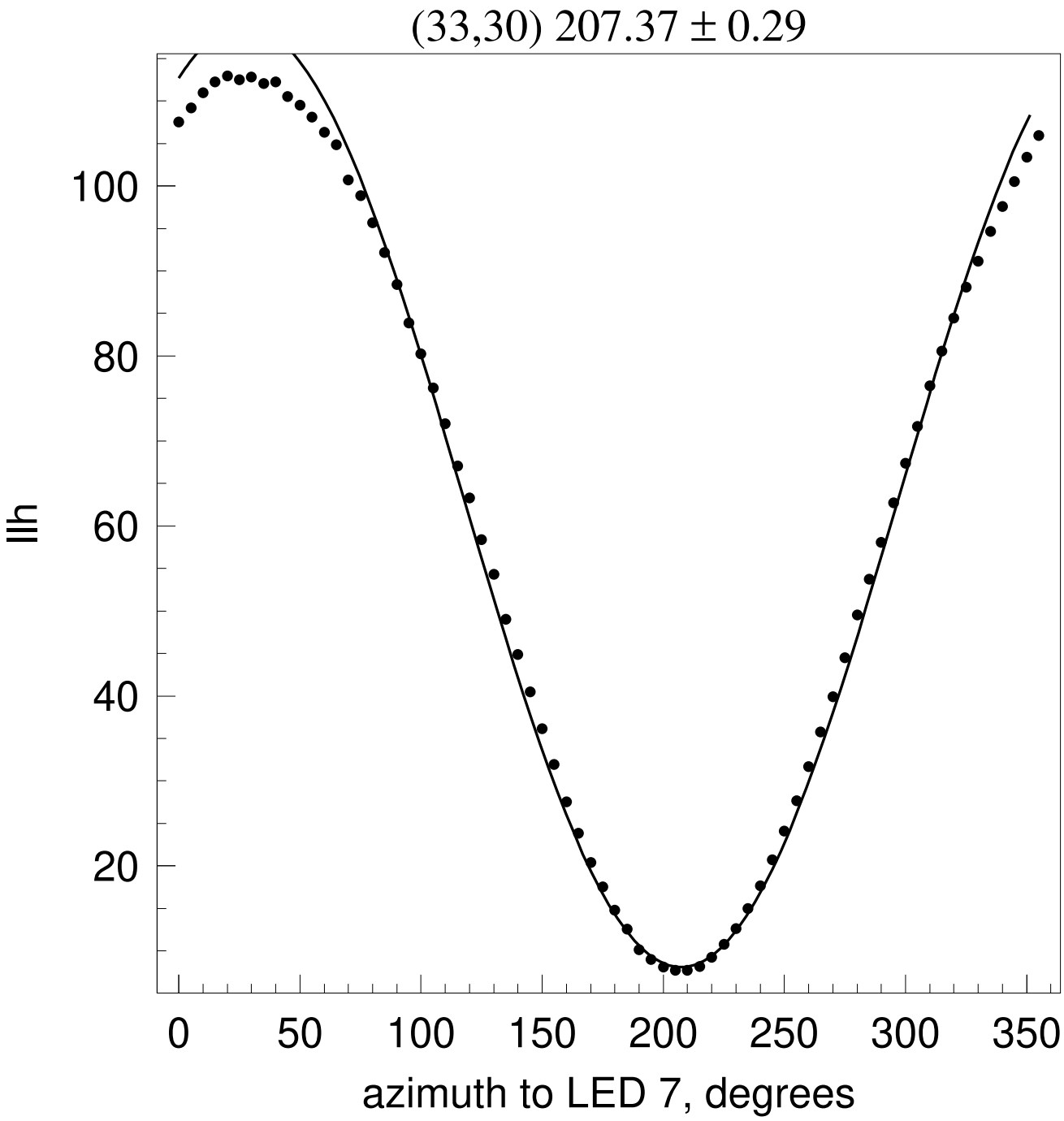

(33,25) 171.62 ± 0.16
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

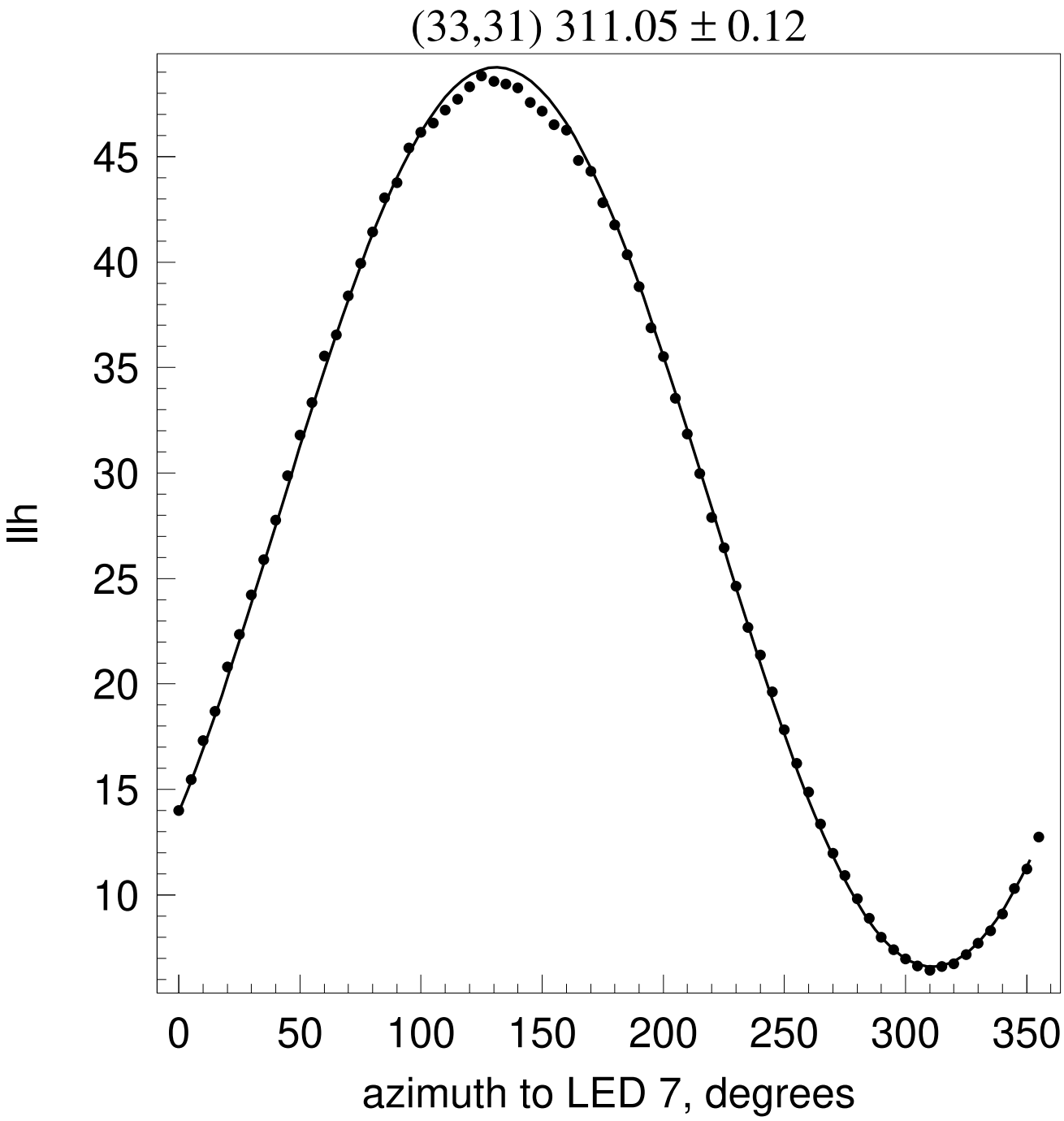

(33,26) 114.07 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

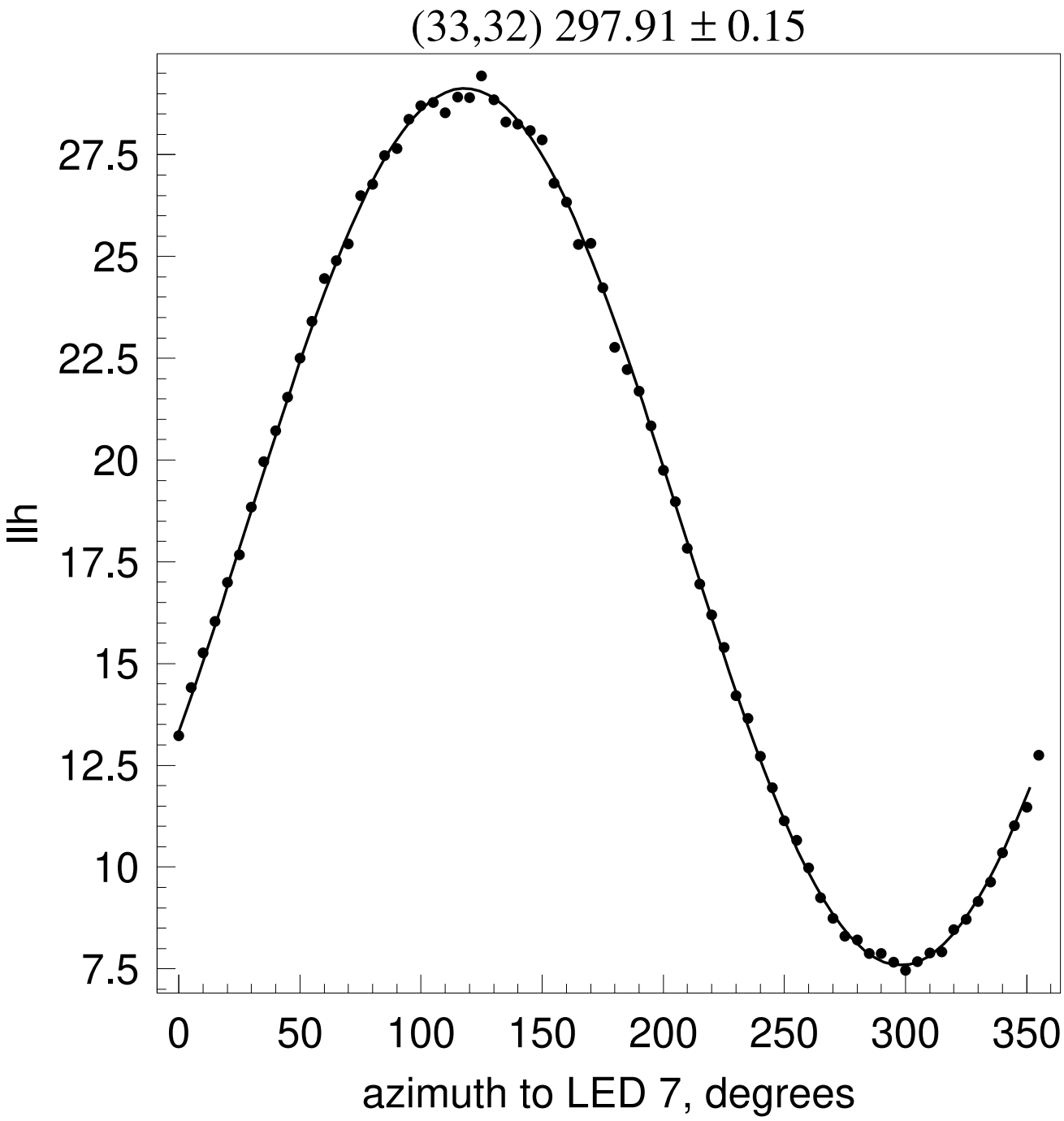

(33,27) 229.39 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

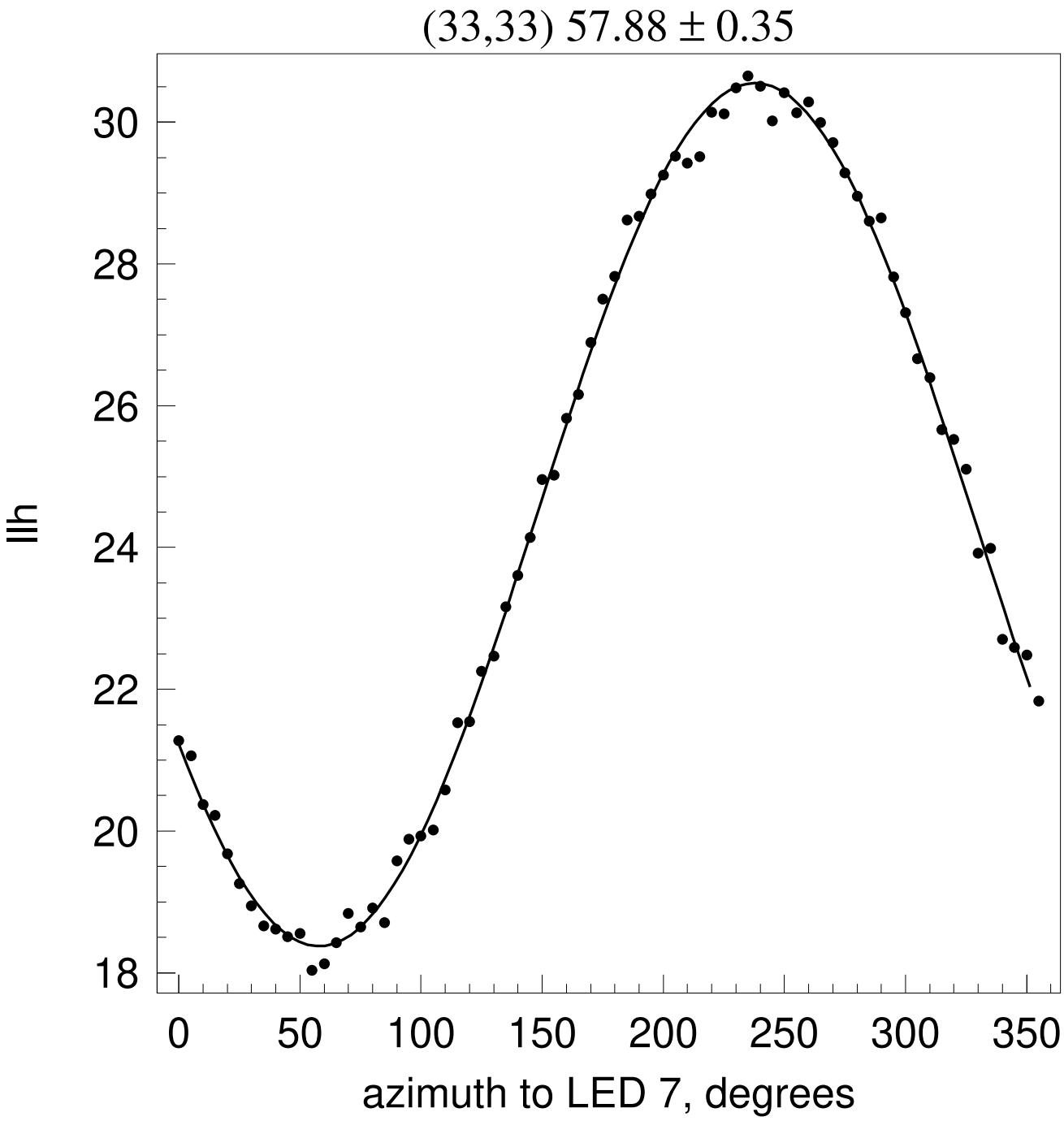

(33,28) 265.06 ± 0.46
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

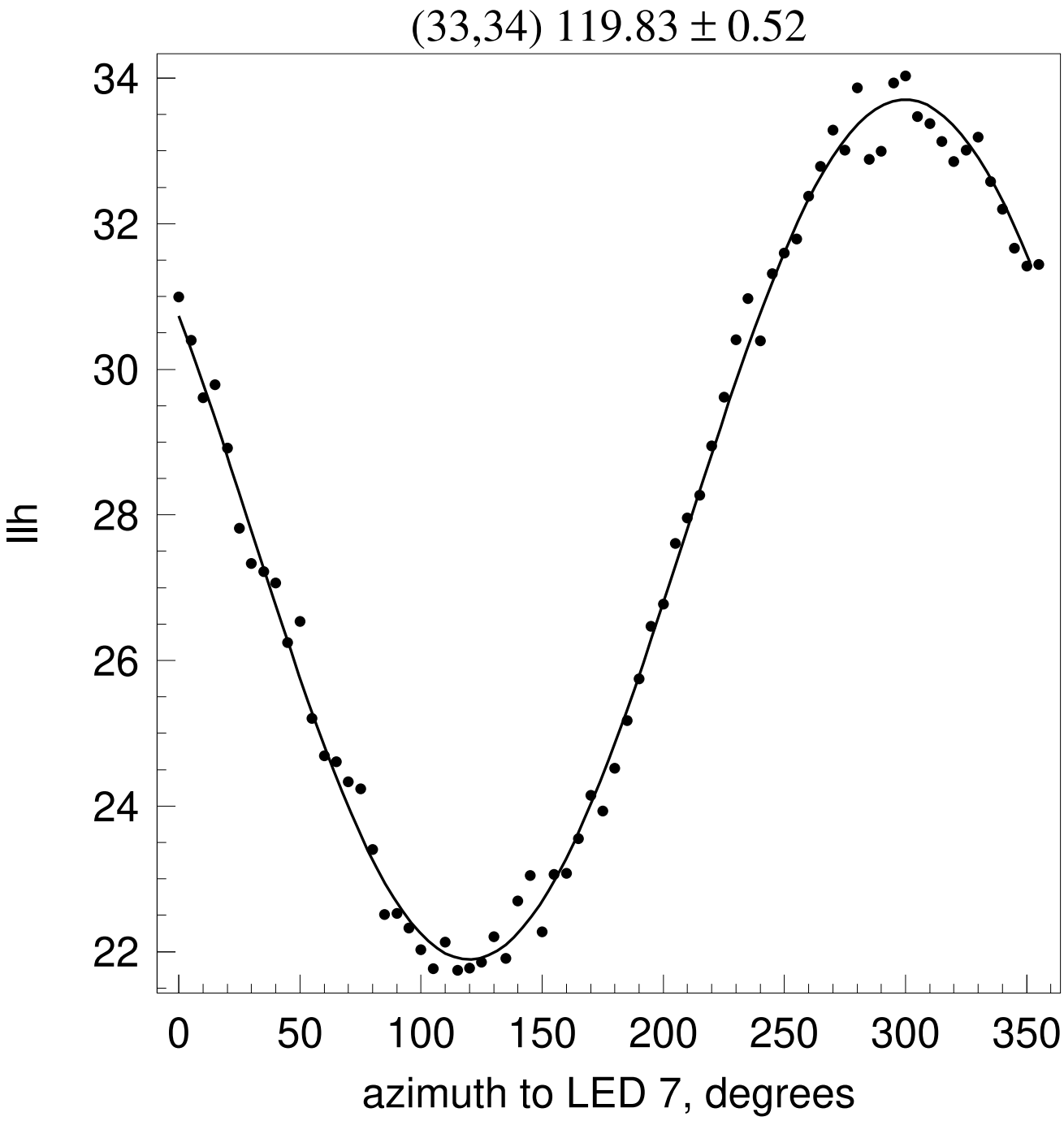

(33,29) 93.42 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

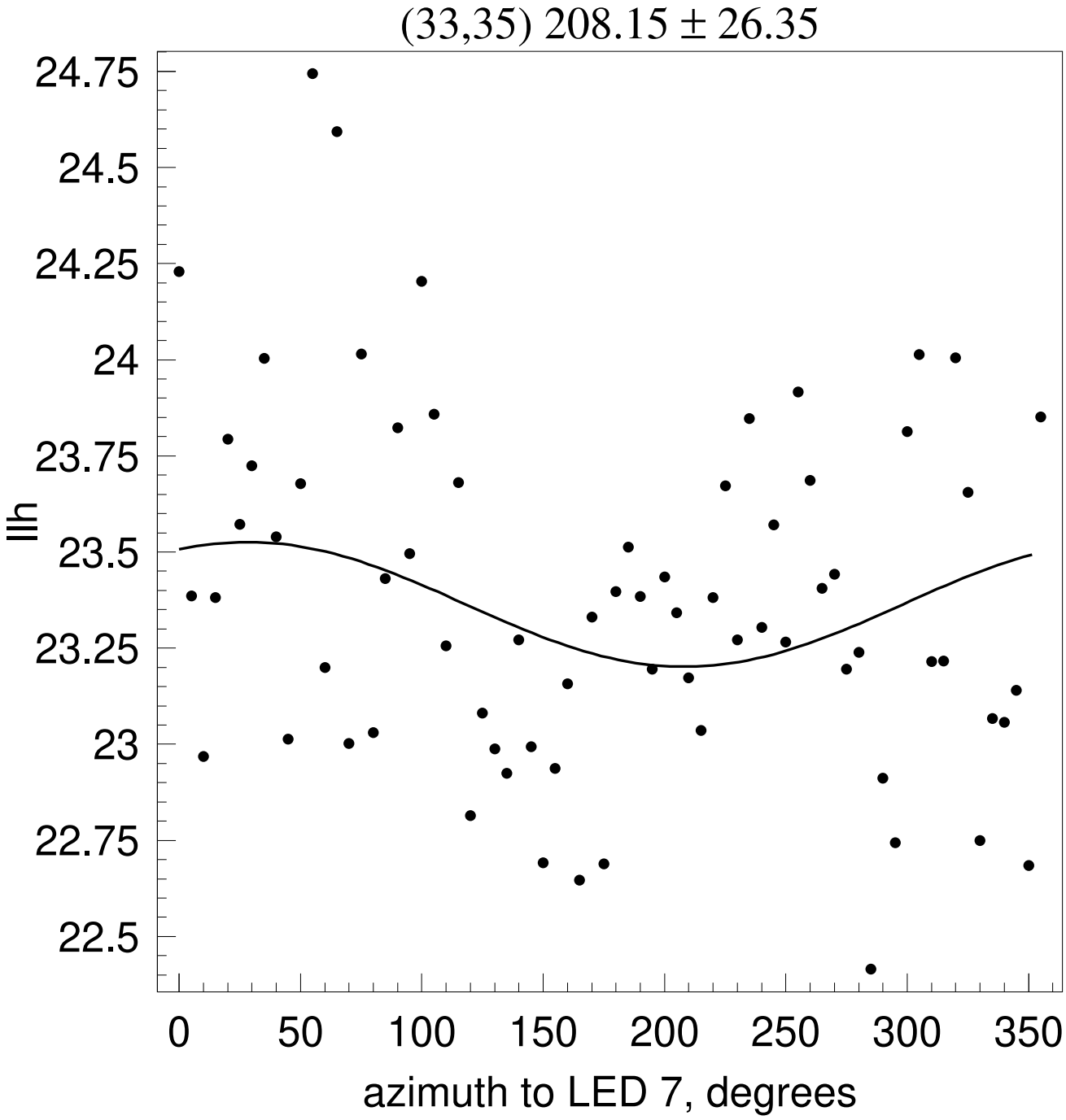

(33,30) 207.37 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

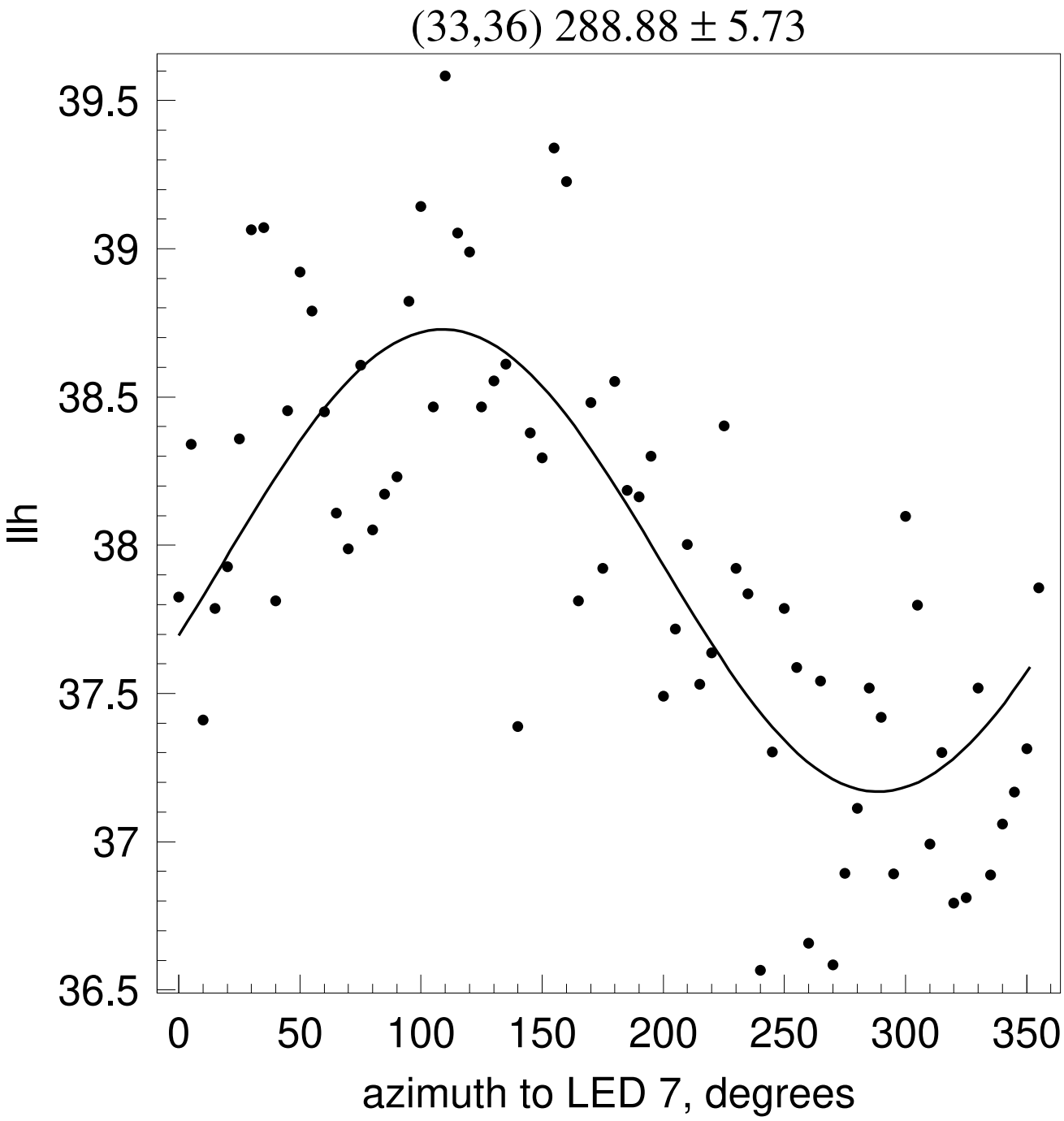

(33,31) 311.05 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

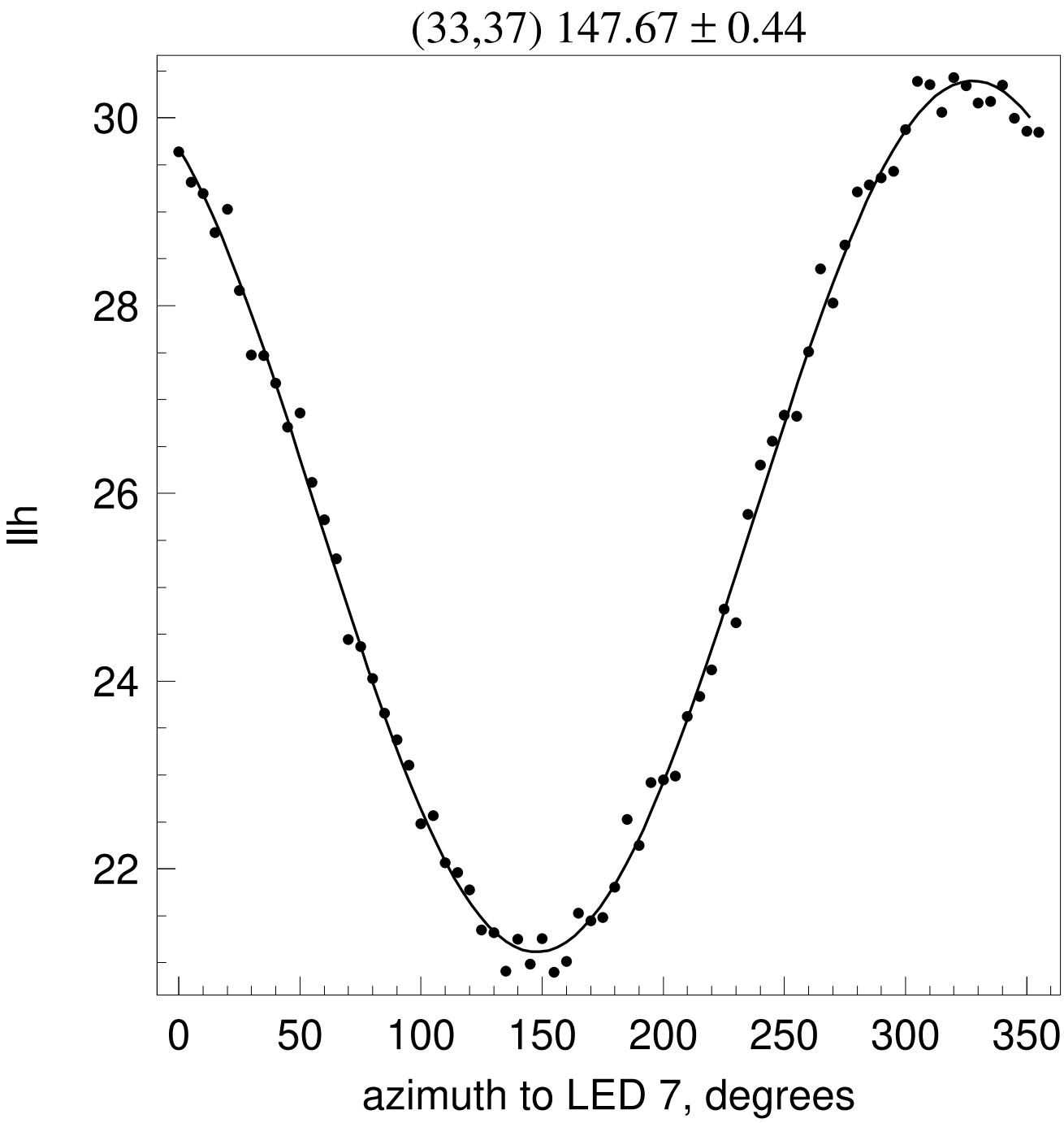

(33,32) 297.91 ± 0.15
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

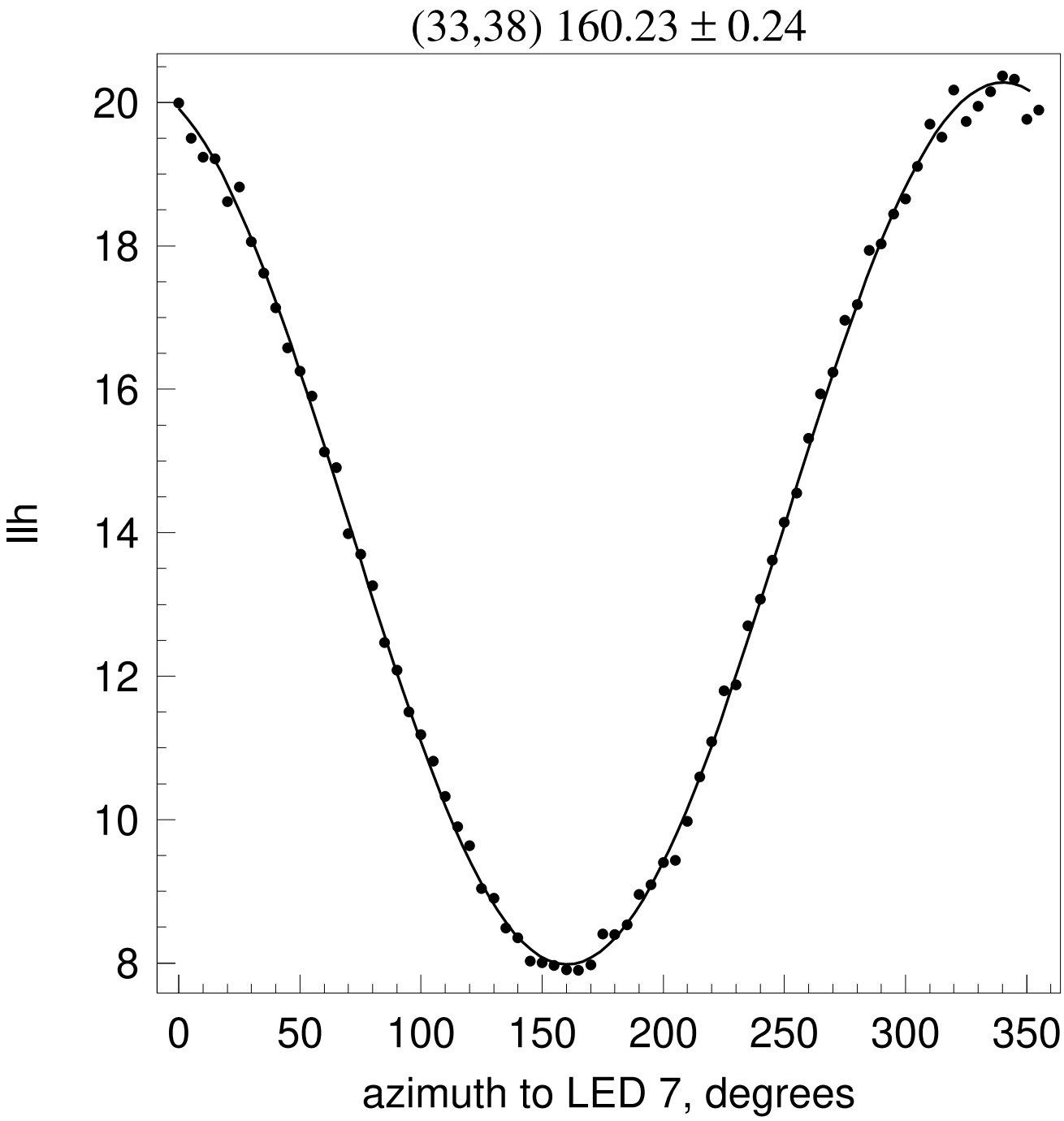

(33,33) 57.88 ± 0.35
30
28
26
24
22
20
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

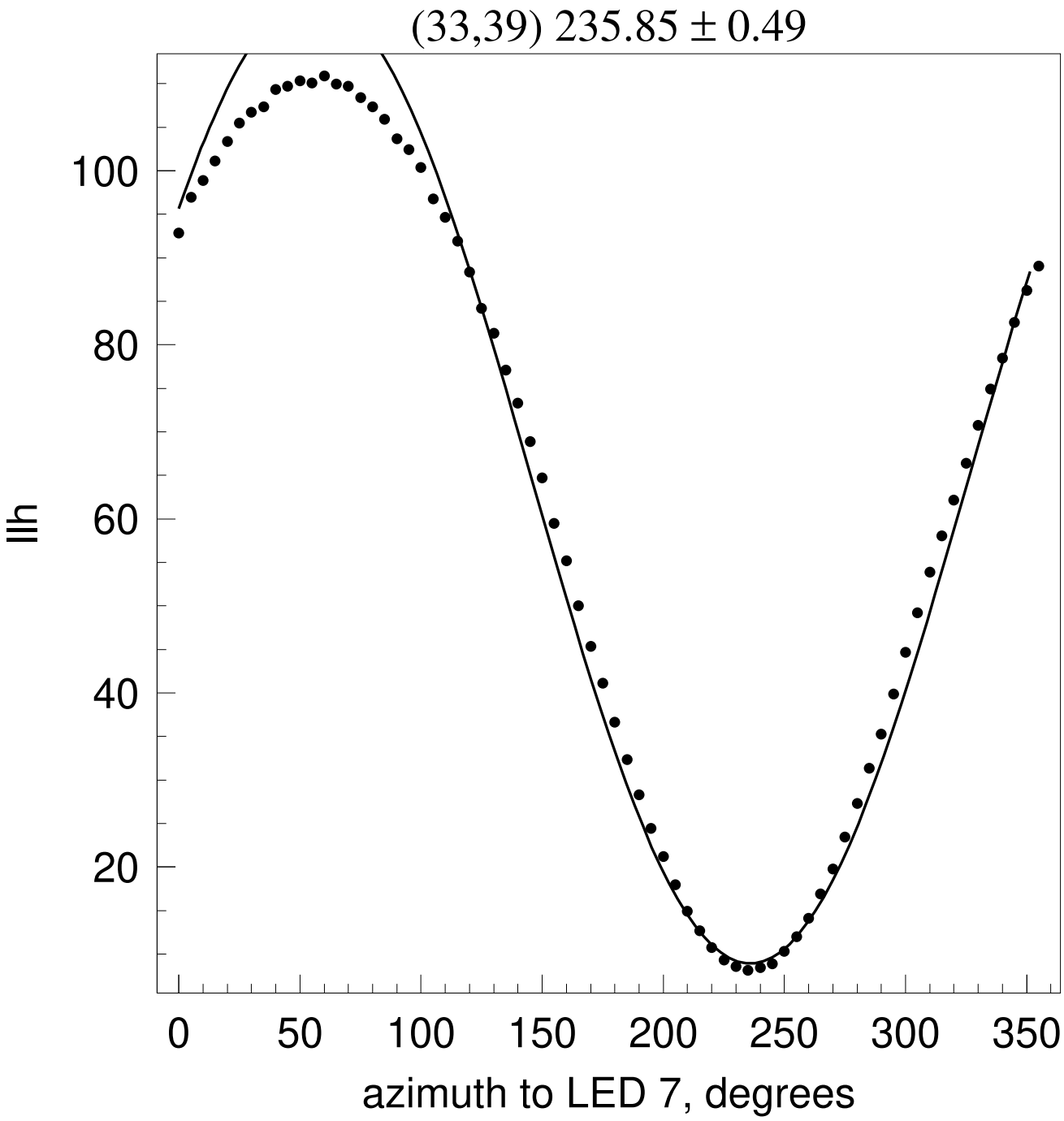

(33,34) 119.83 ± 0.52
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

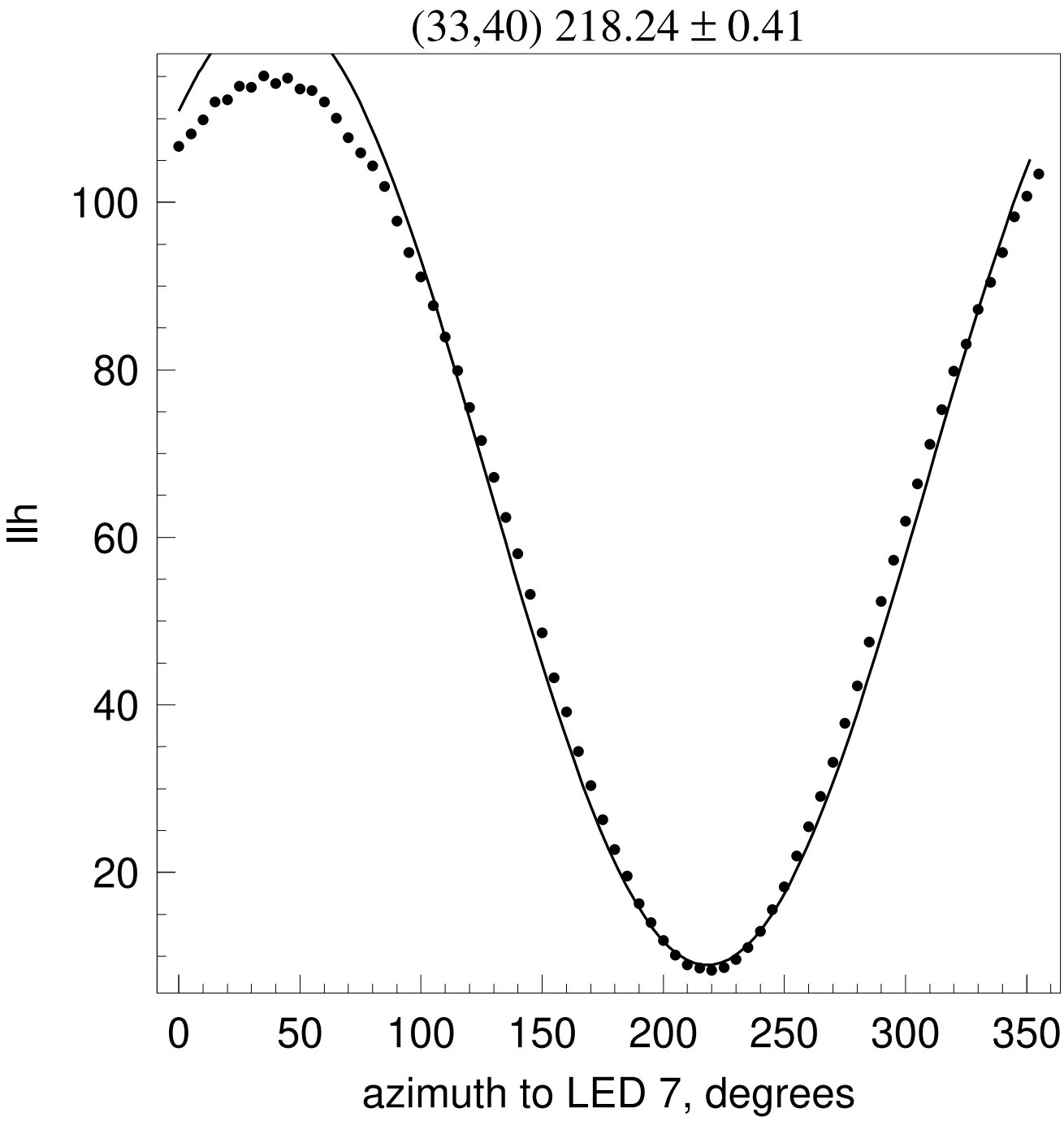

(33,35) 208.15 ± 26.35
24.75
24.5
24.25
24
23.75
23.5
23.25
23
22.75
22.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

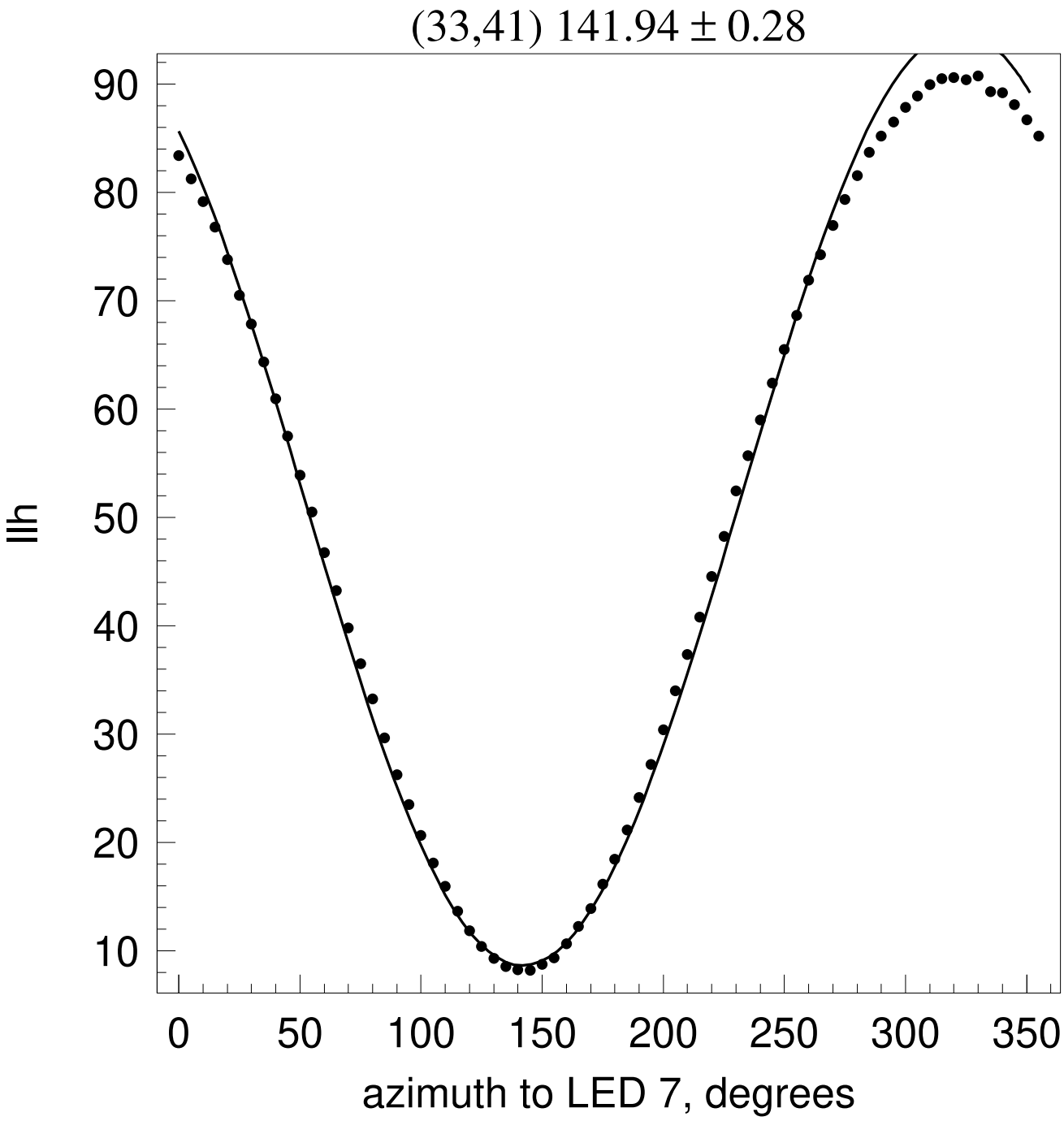

(33,36) 288.88 ± 5.73
39.5
39
38.5
38
37.5
37
36.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

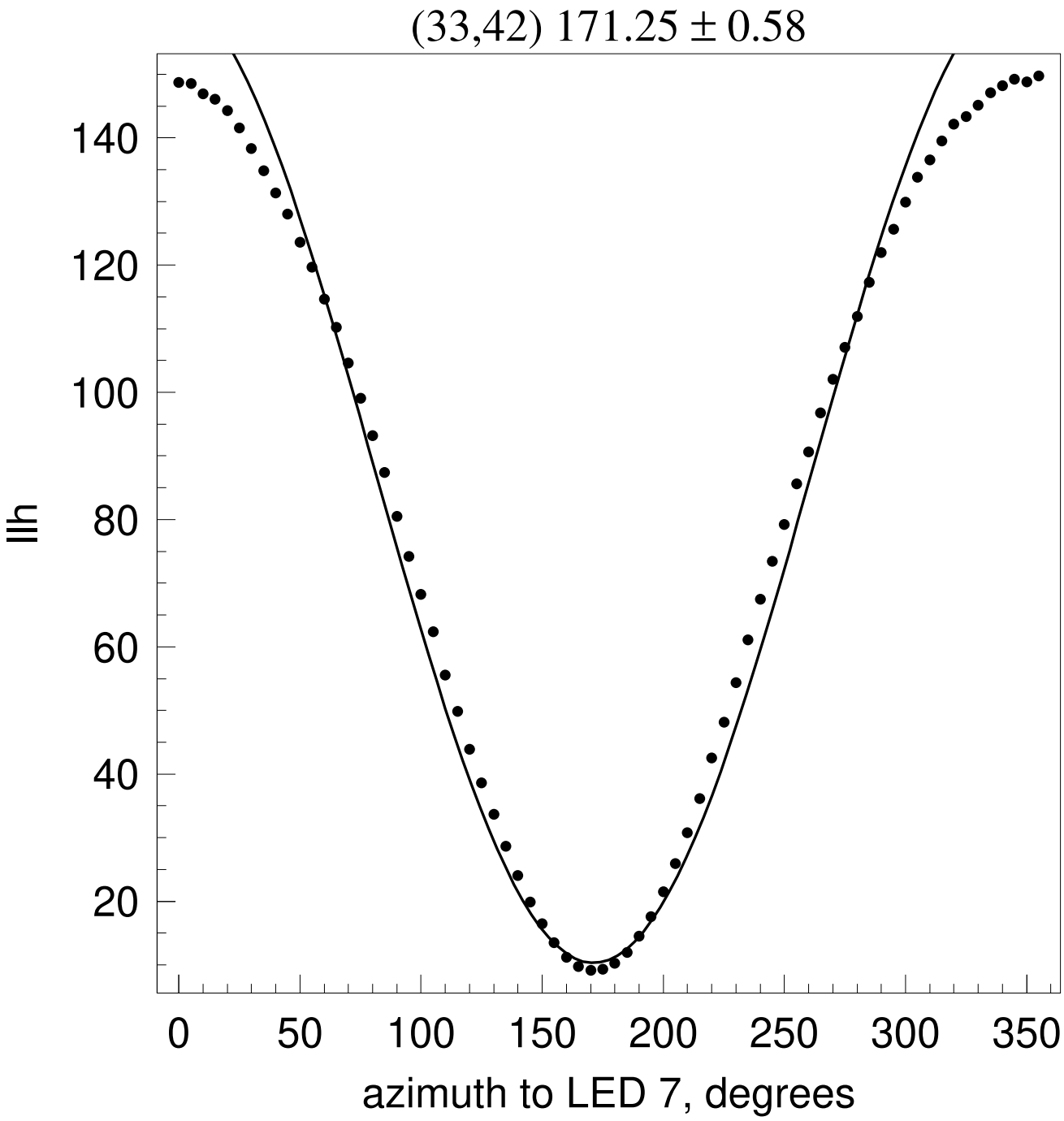

(33,37) 147.67 ± 0.44
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

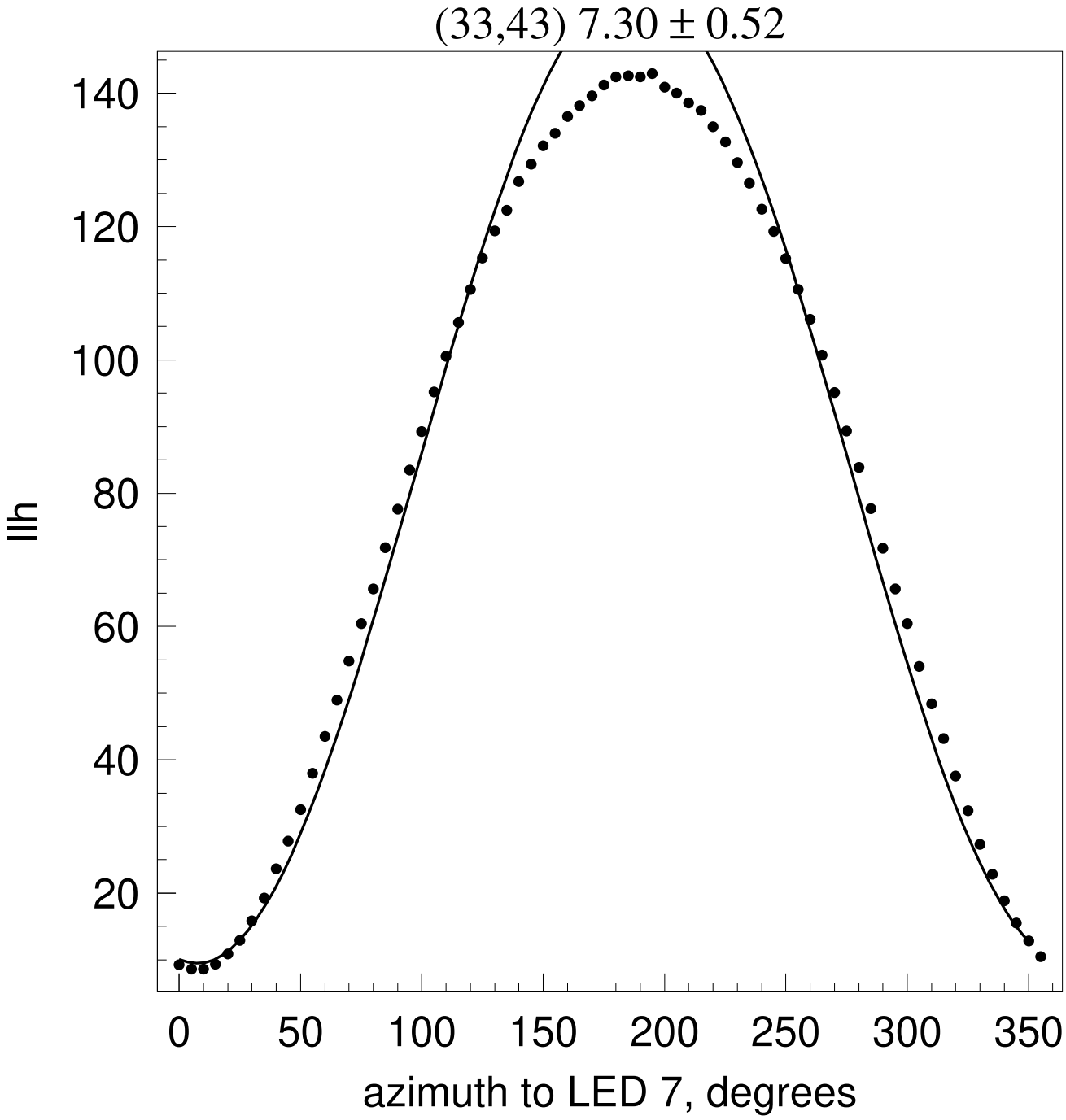

(33,38) 160.23 ± 0.24
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

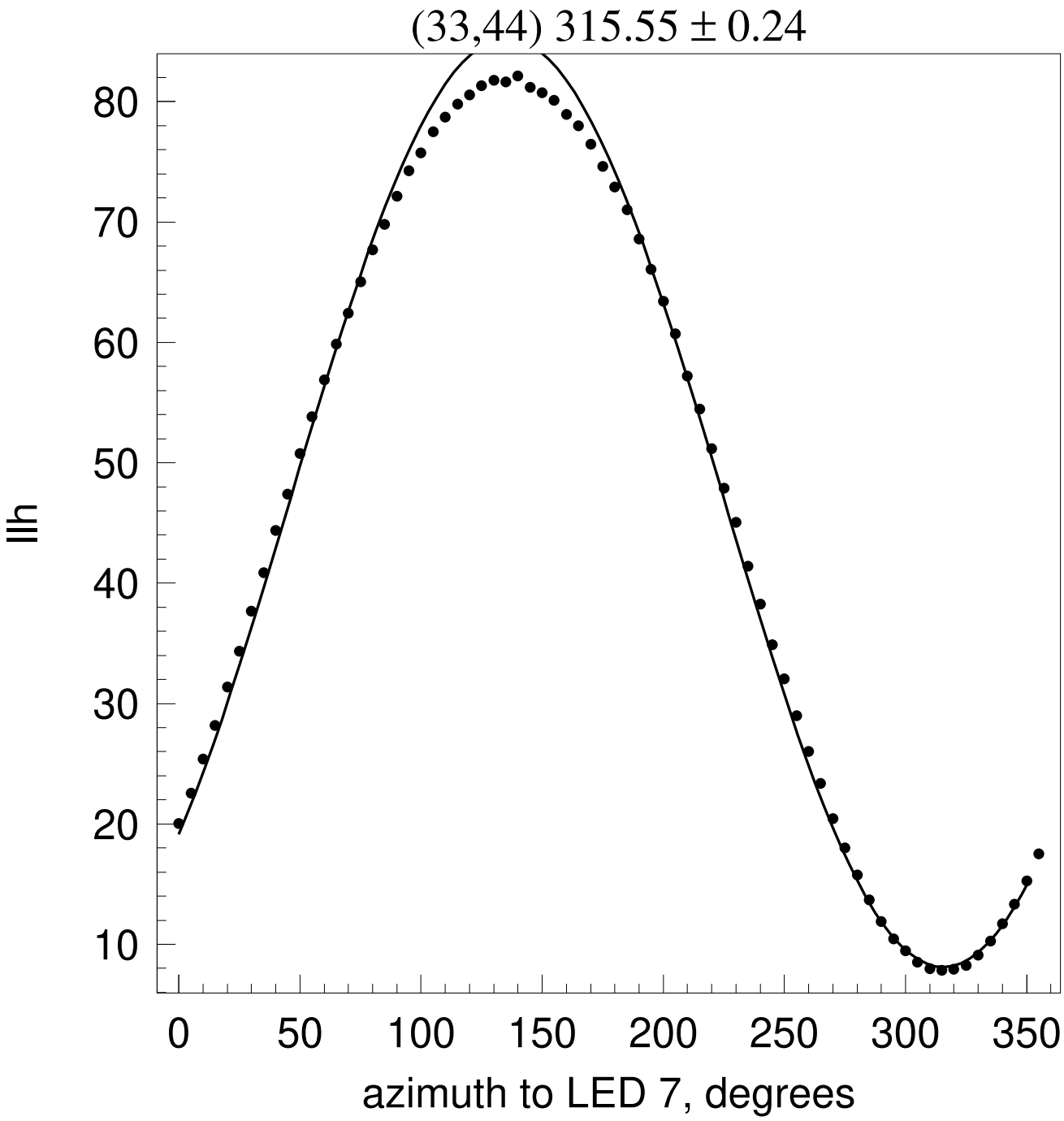

(33,39) 235.85 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

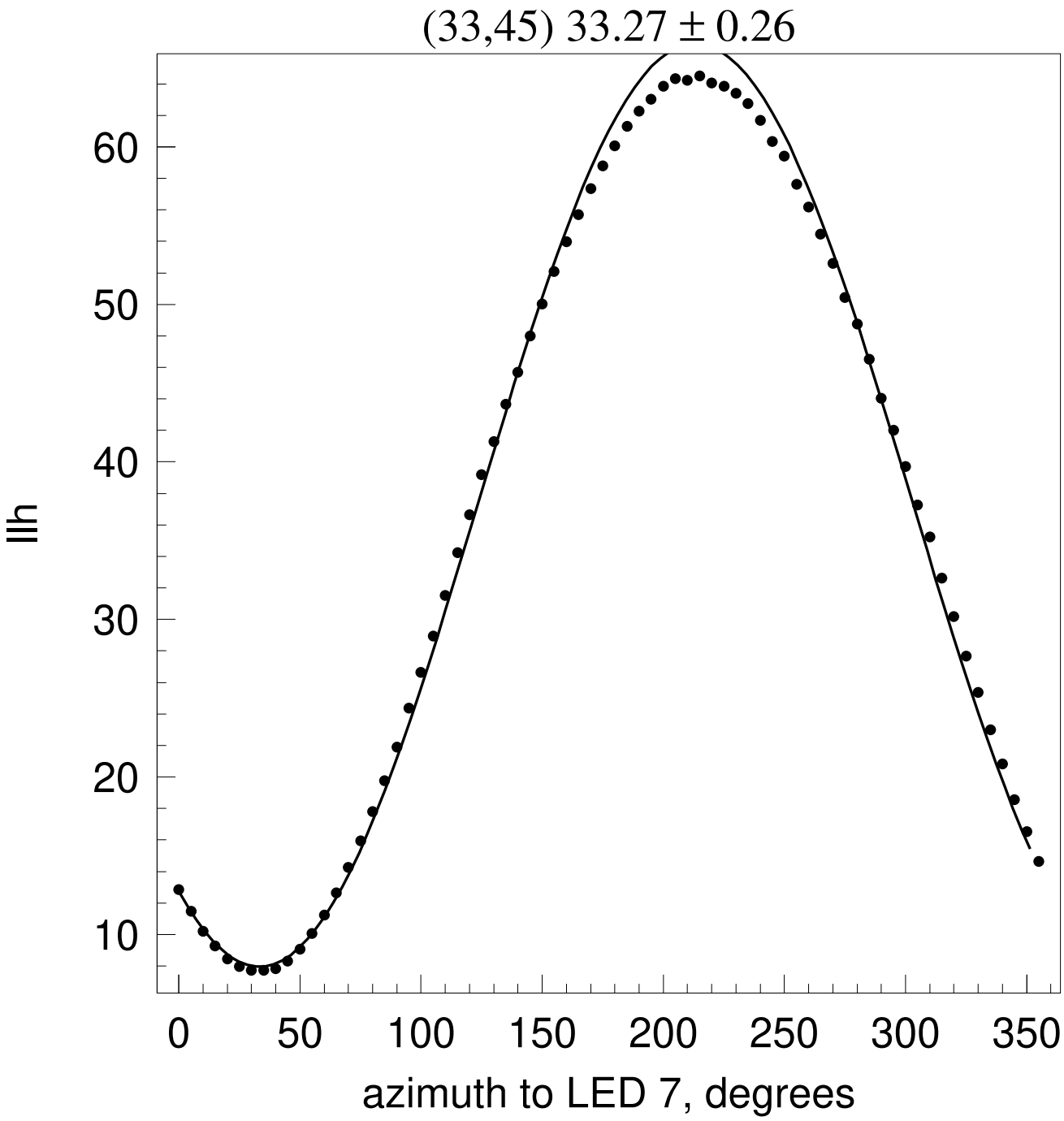

(33,40) 218.24 ± 0.41
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

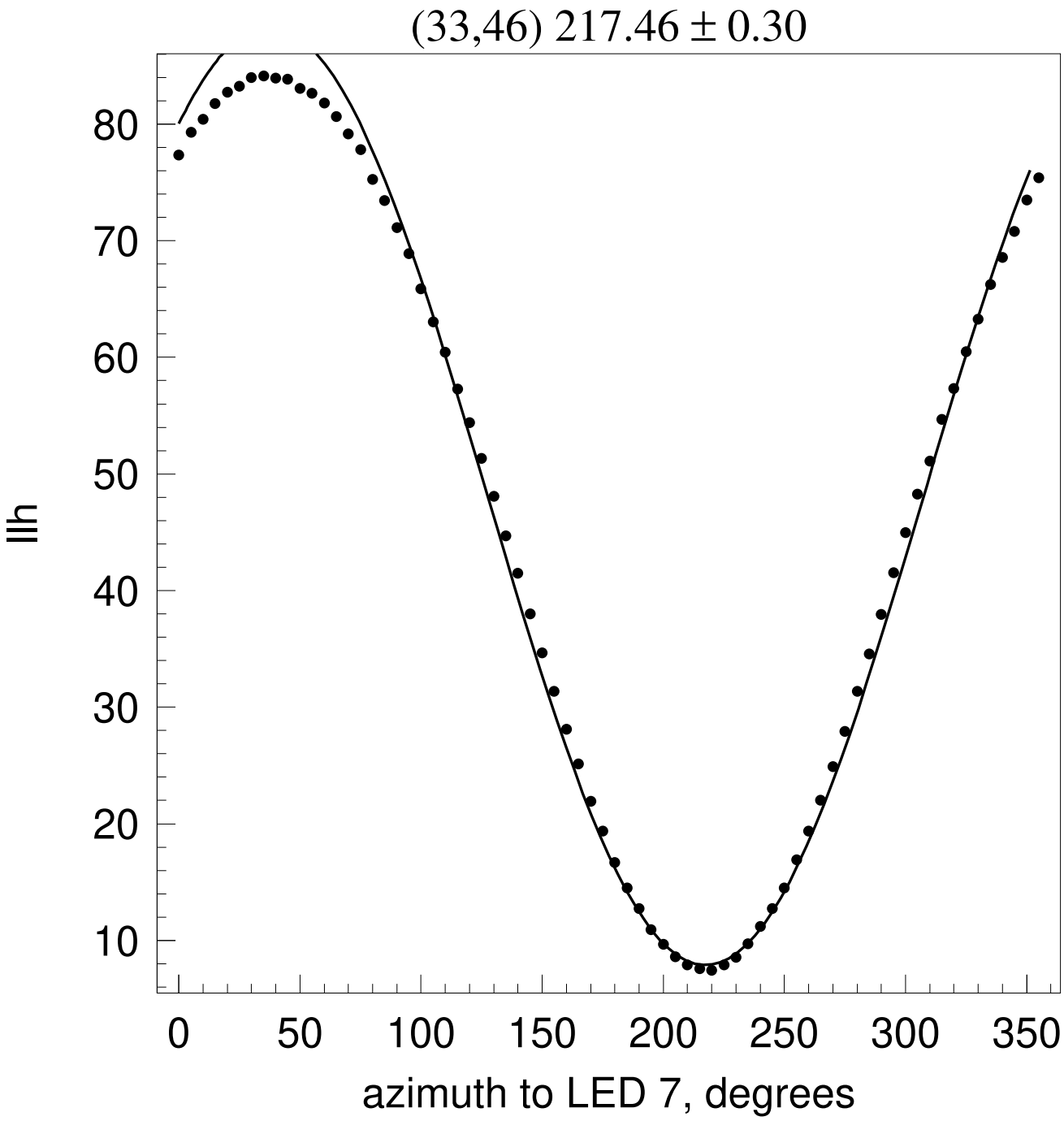

(33,41) 141.94 ± 0.28
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

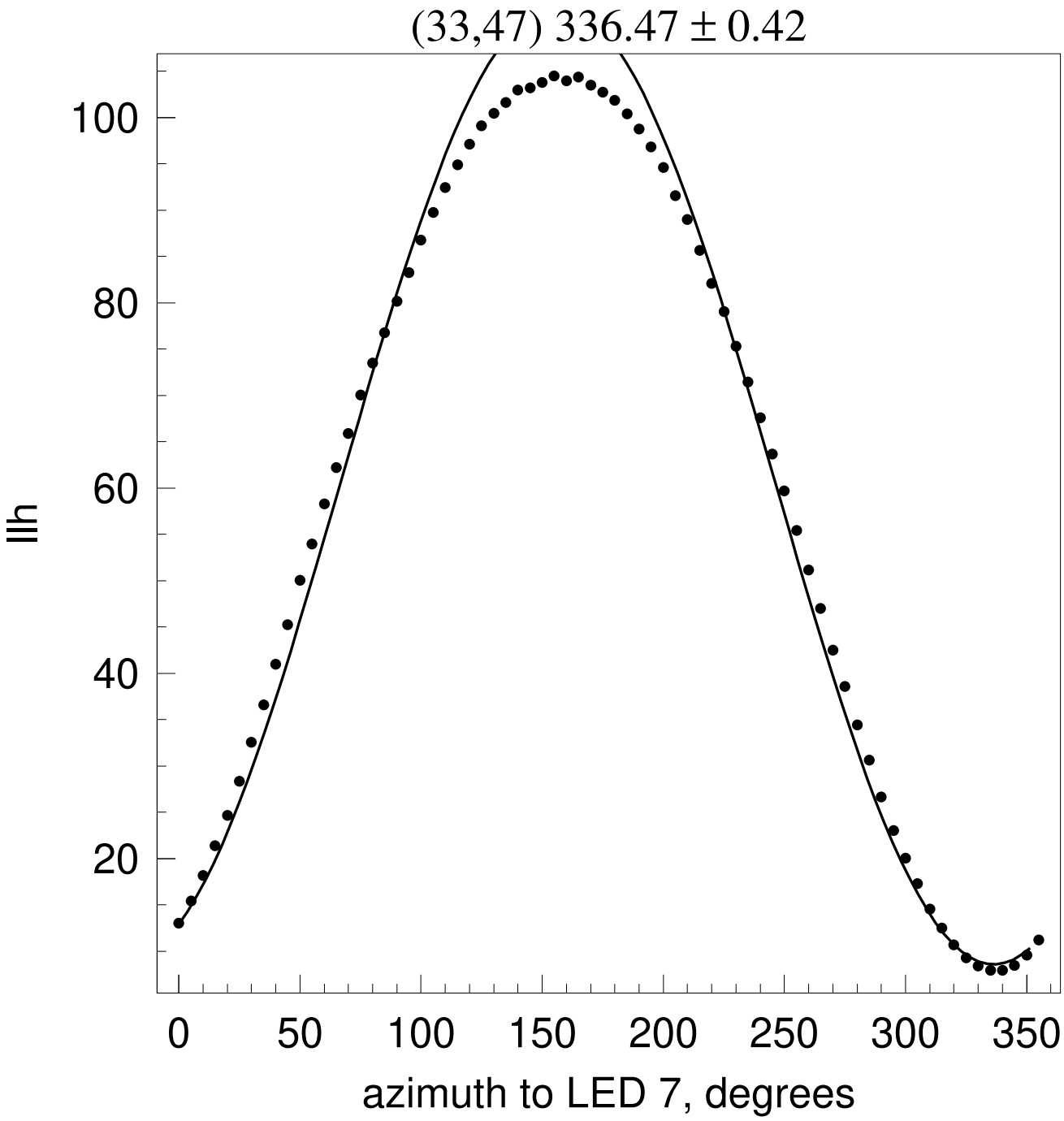

(33,42) 171.25 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

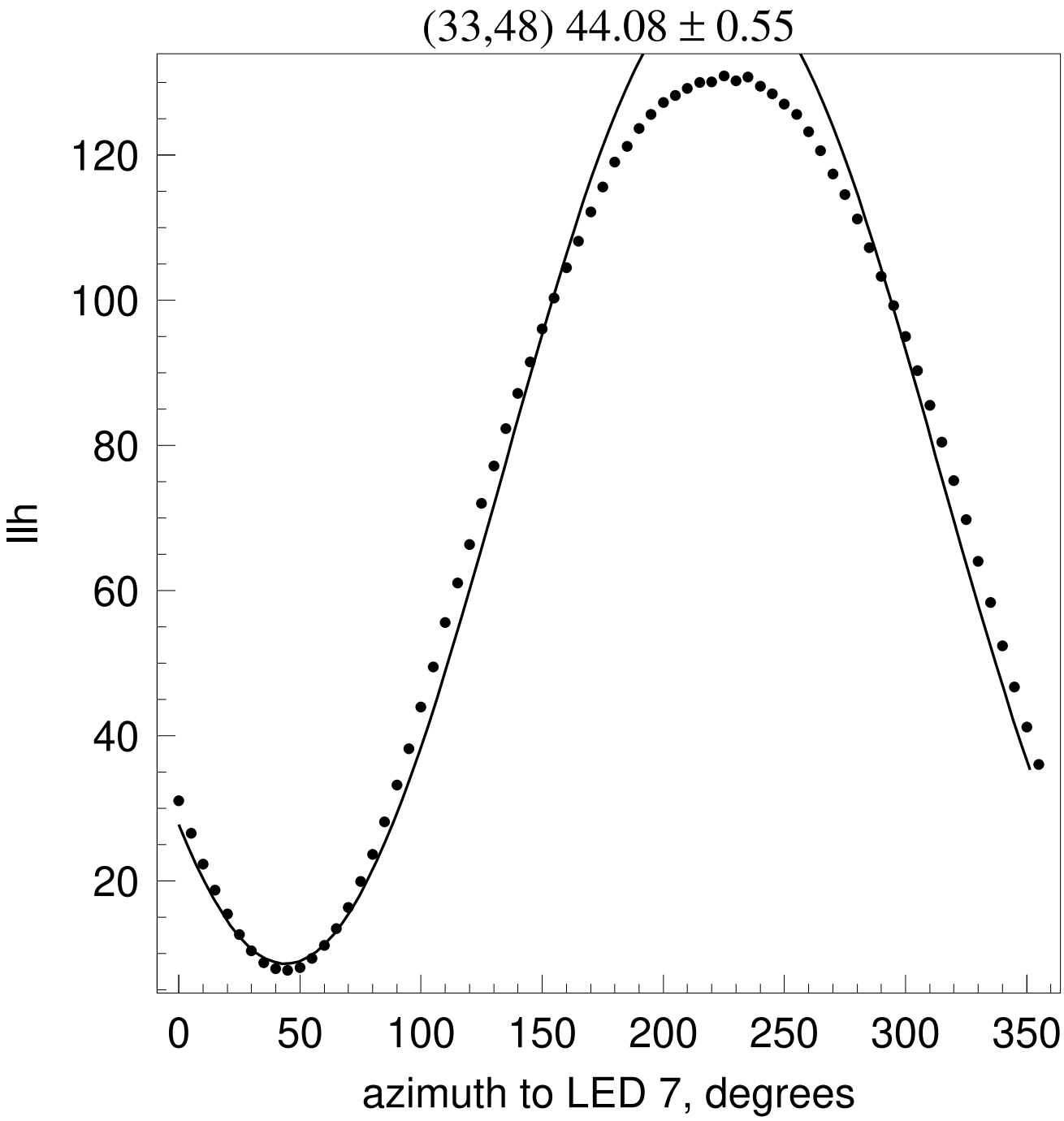

(33,43) 7.30 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

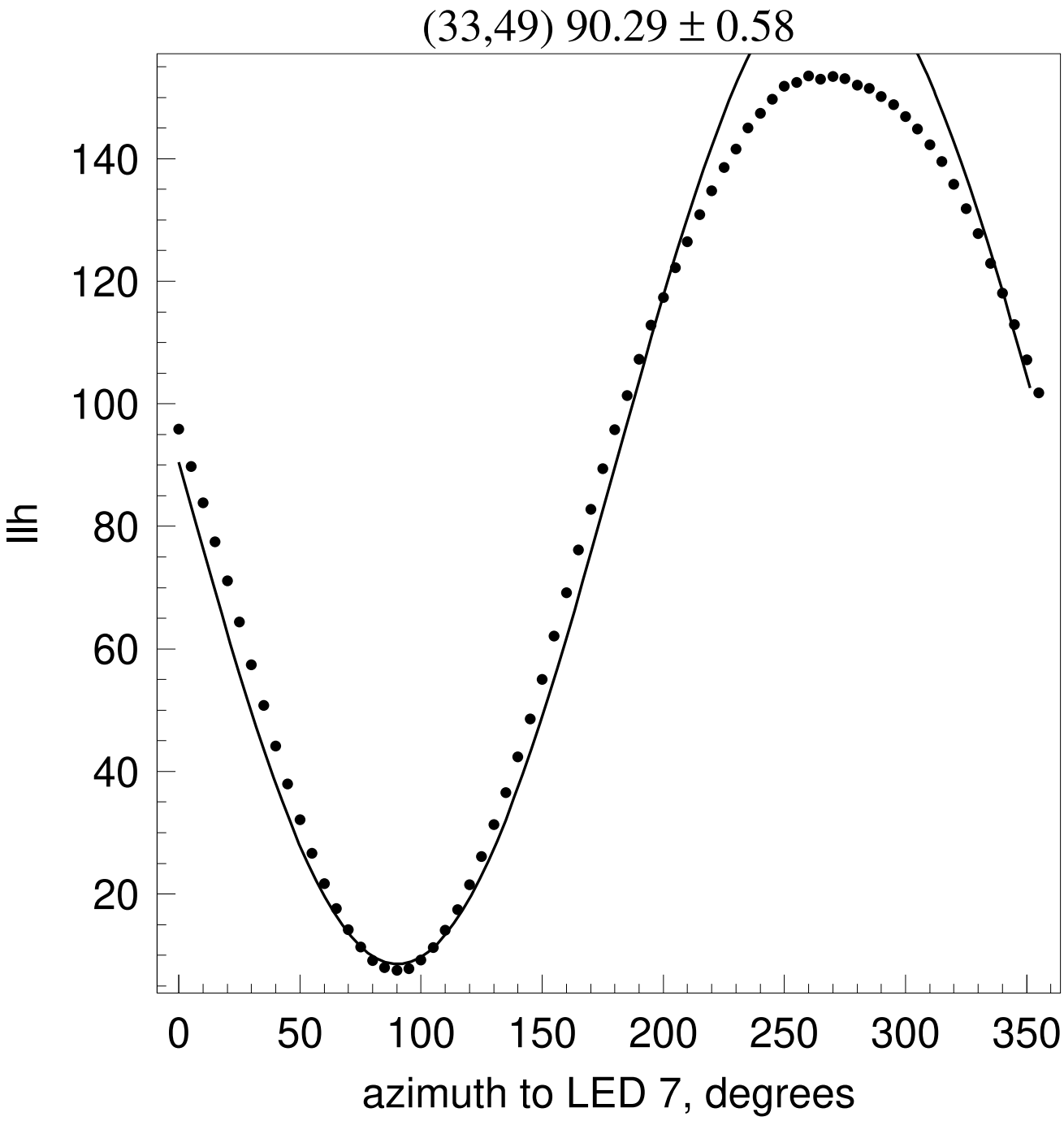

(33,44) 315.55 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

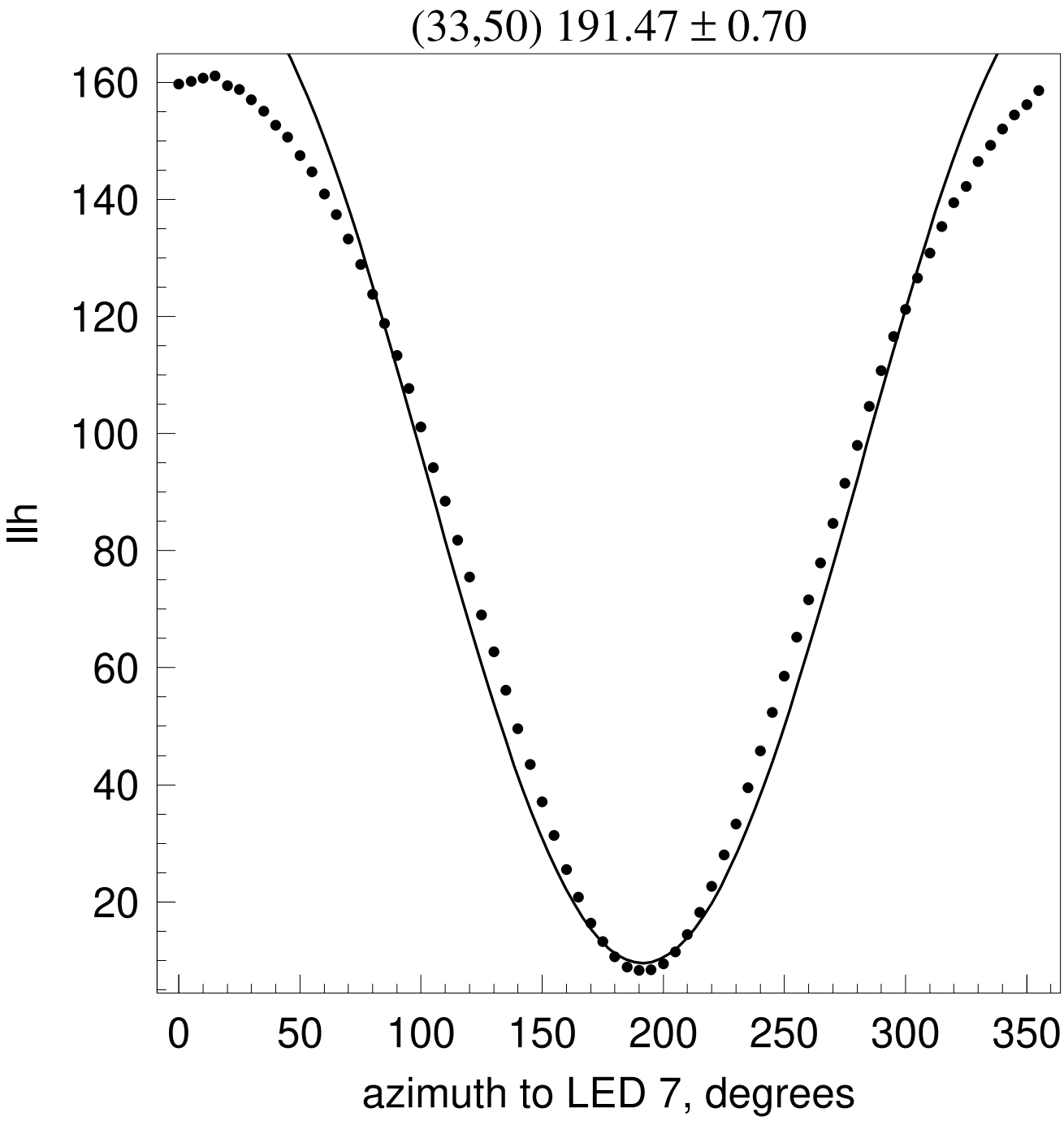

(33,45) 33.27 ± 0.26
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

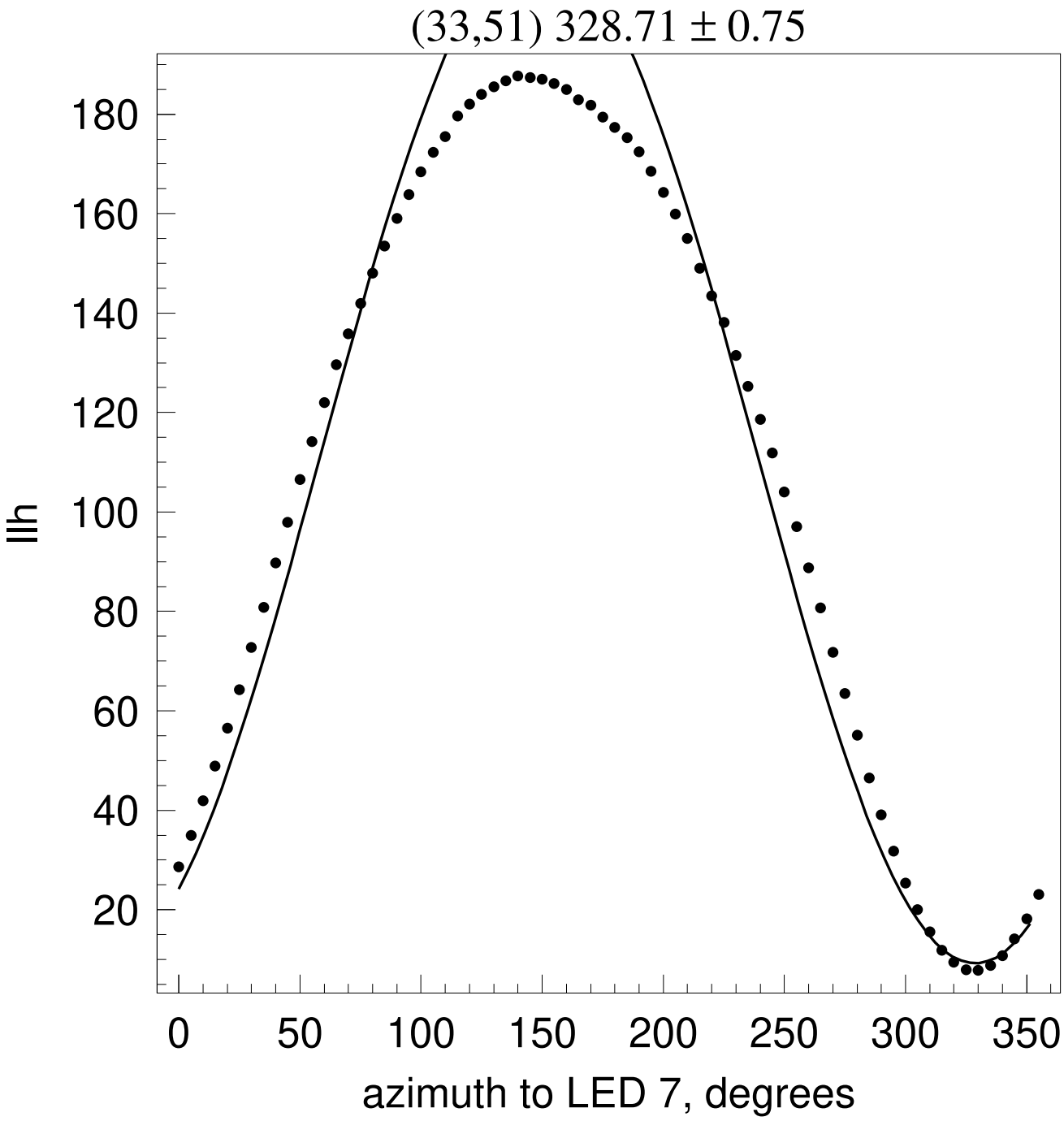

(33,46) 217.46 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

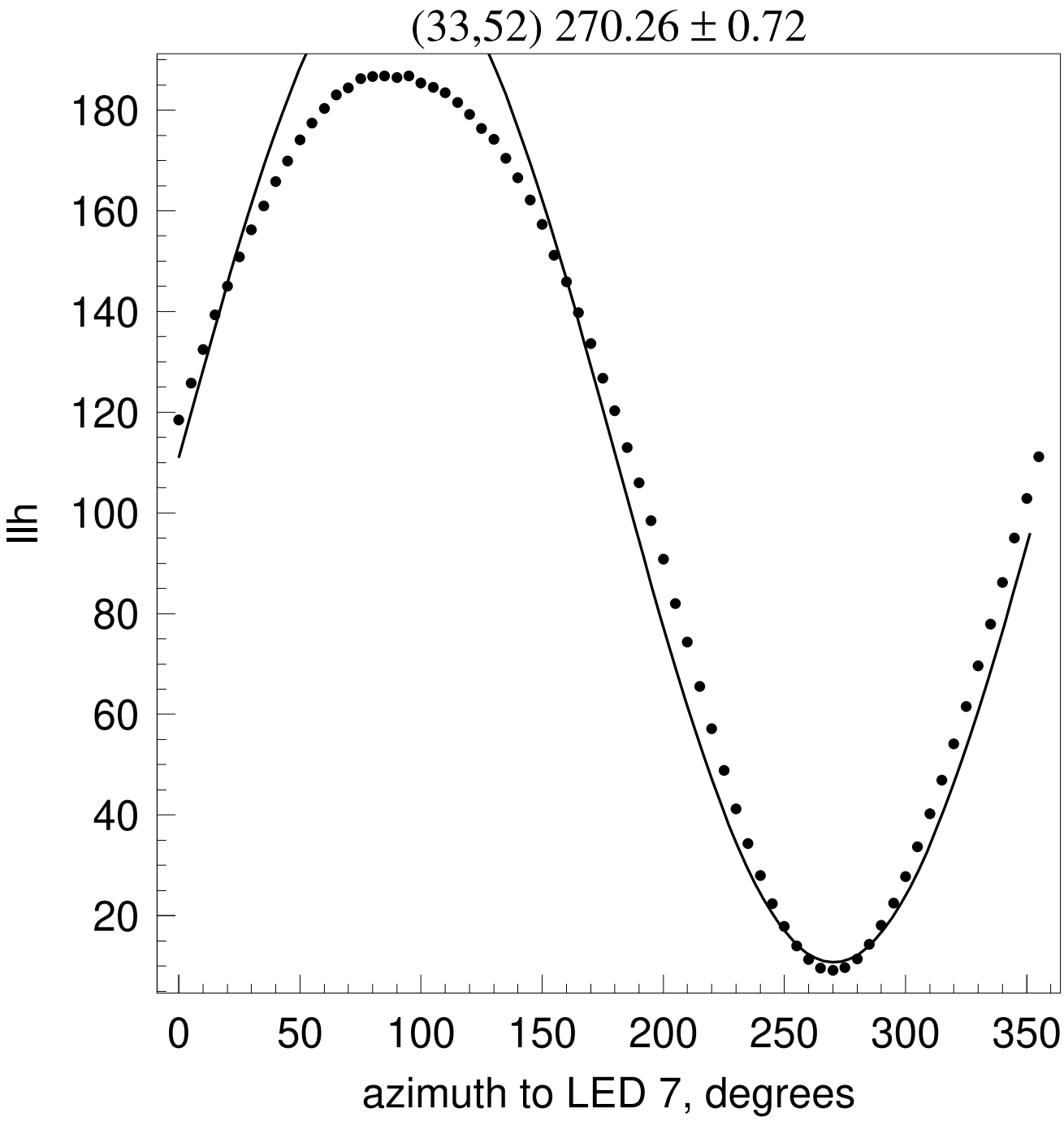

(33,47) 336.47 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

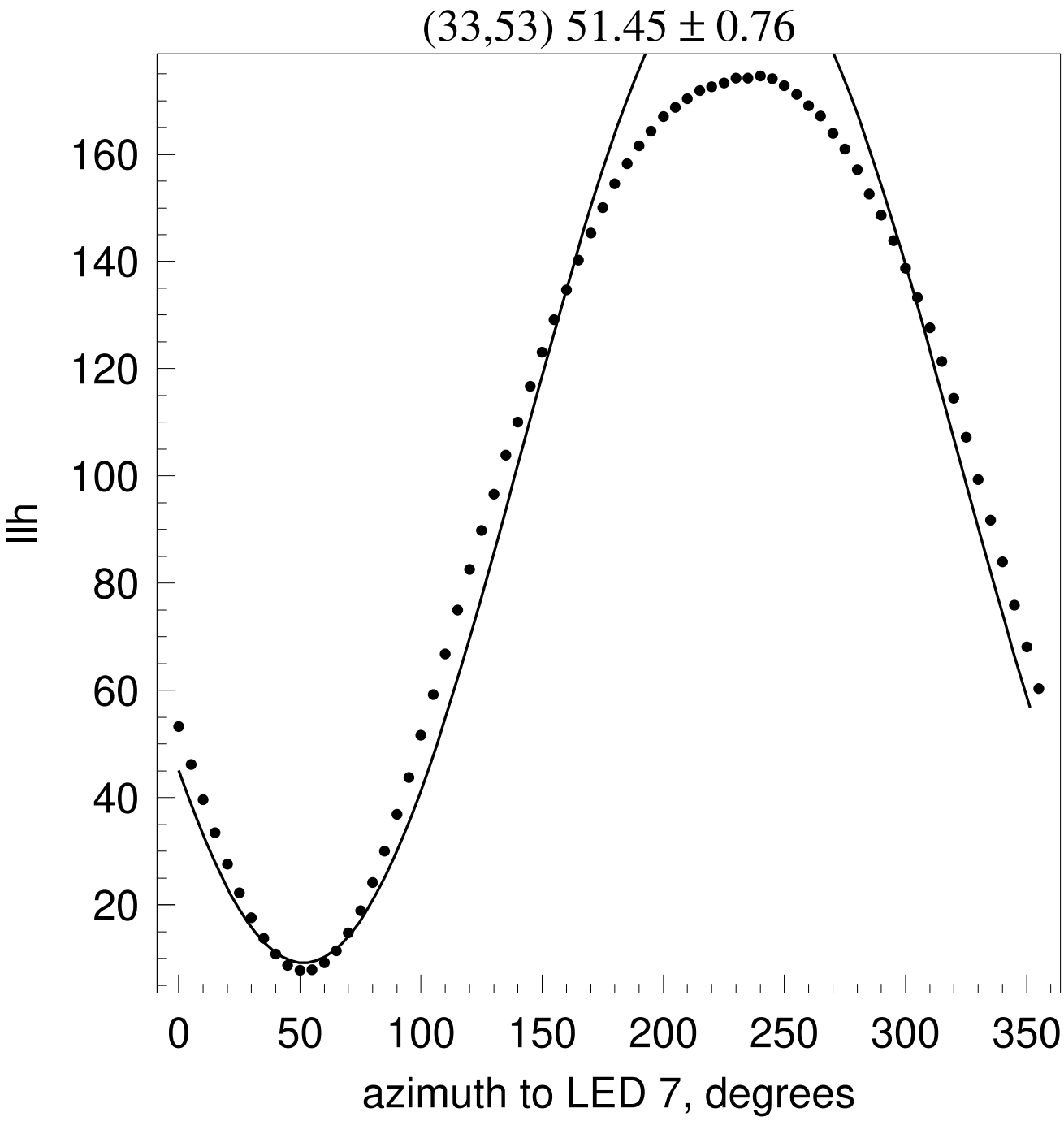

(33,48) 44.08 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

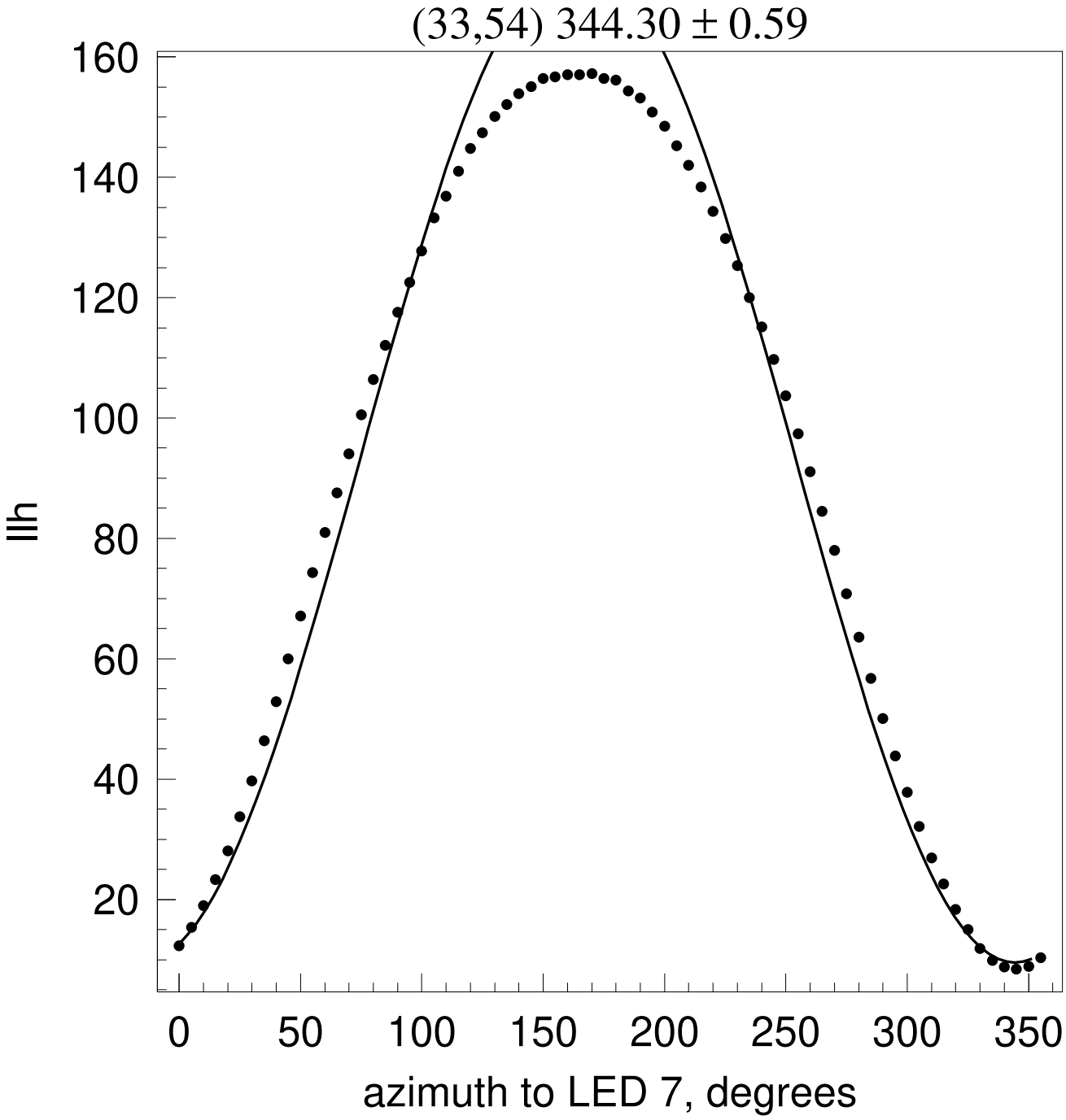

(33,49) 90.29 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

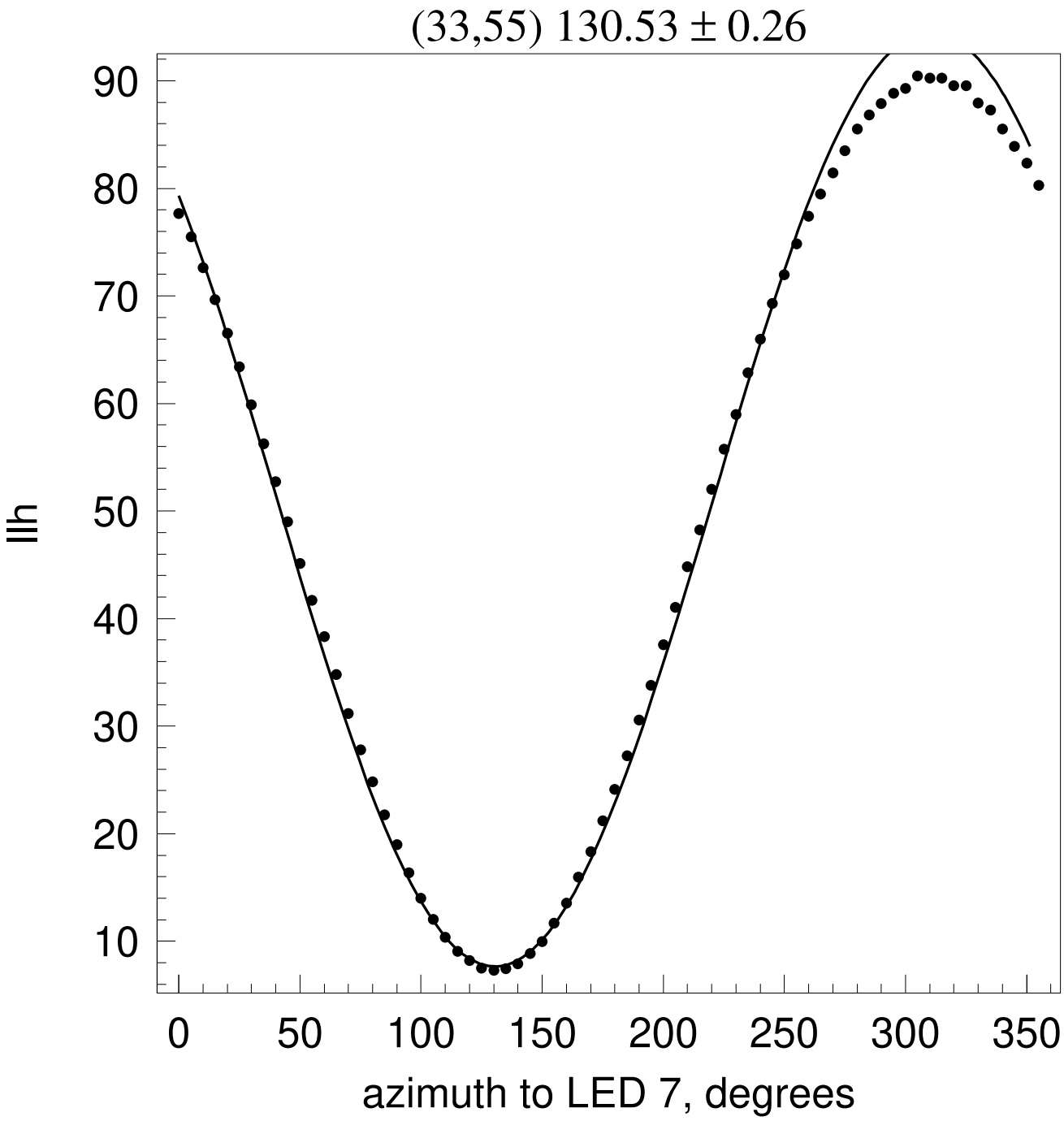

(33,50) 191.47 ± 0.70
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

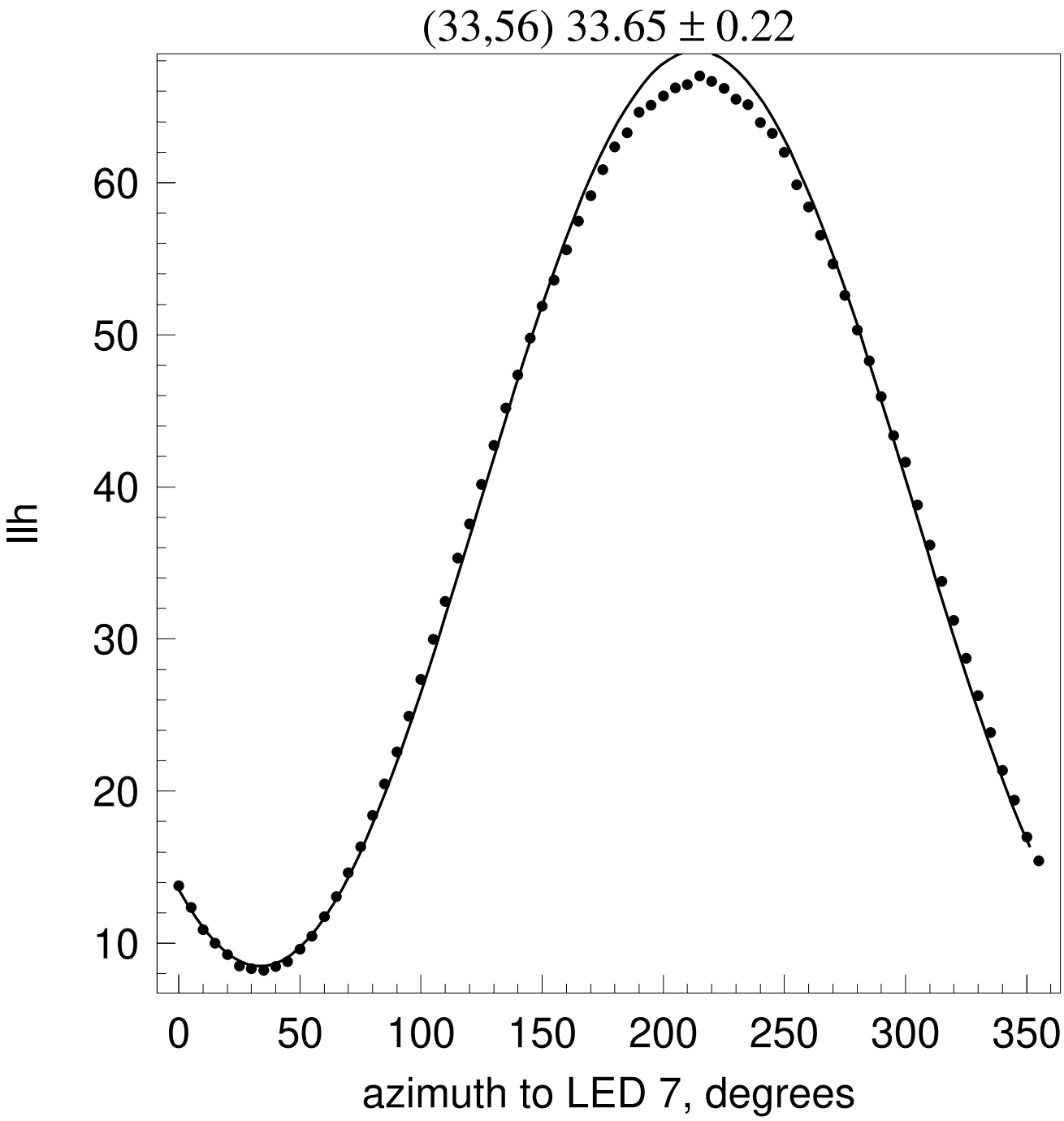

(33,51) 328.71 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

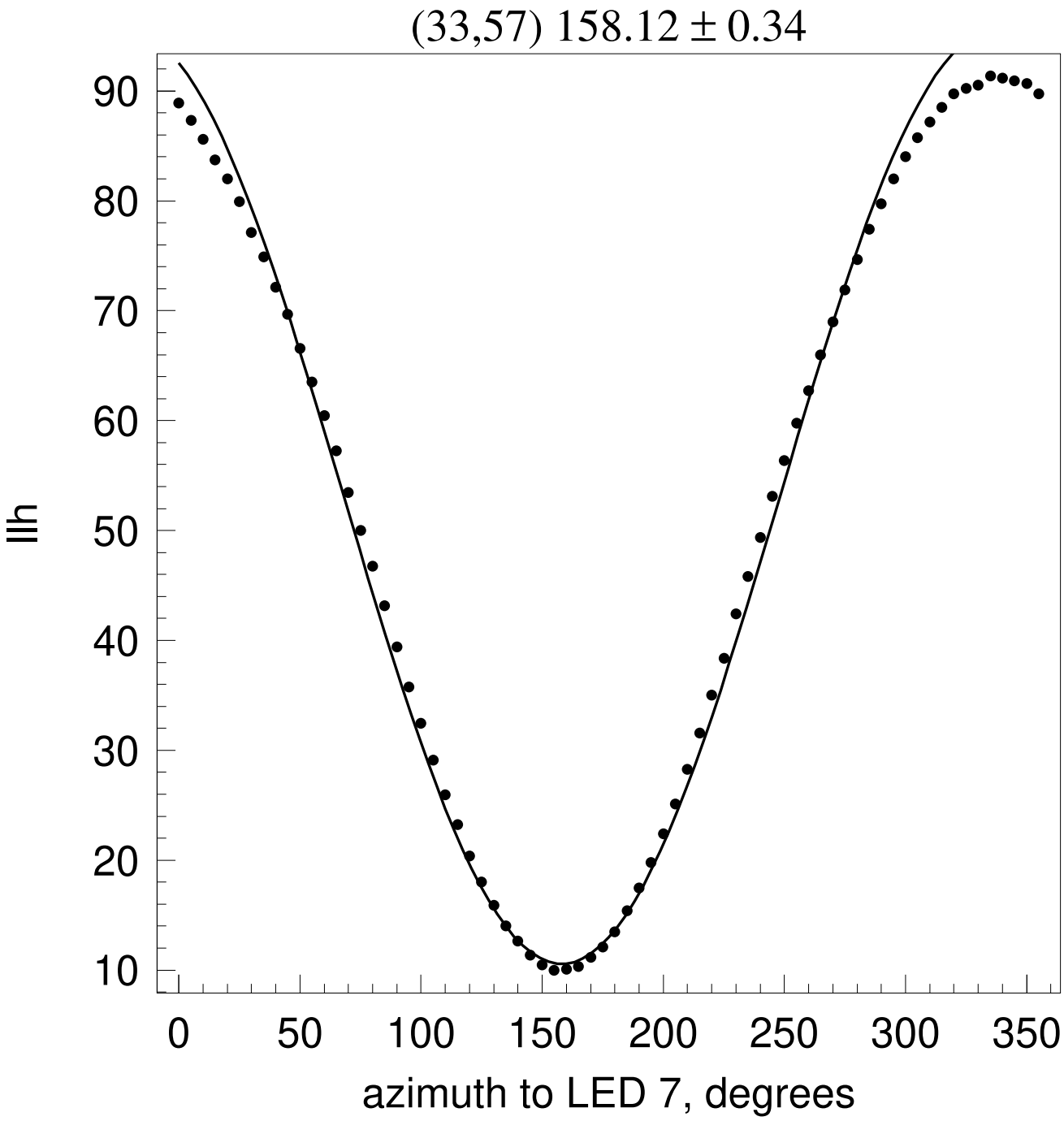

(33,52) 270.26 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

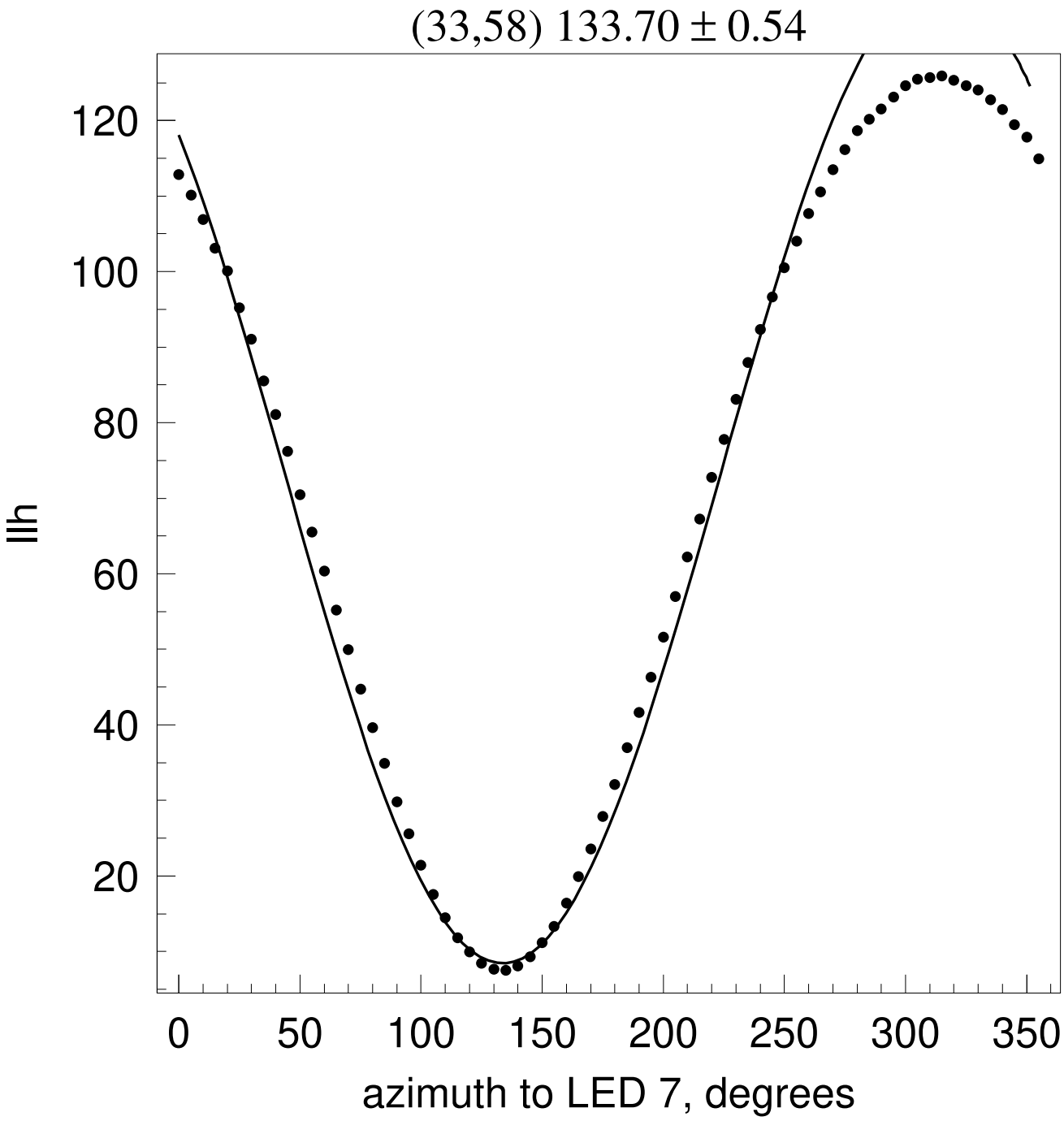

(33,53) 51.45 ± 0.76
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

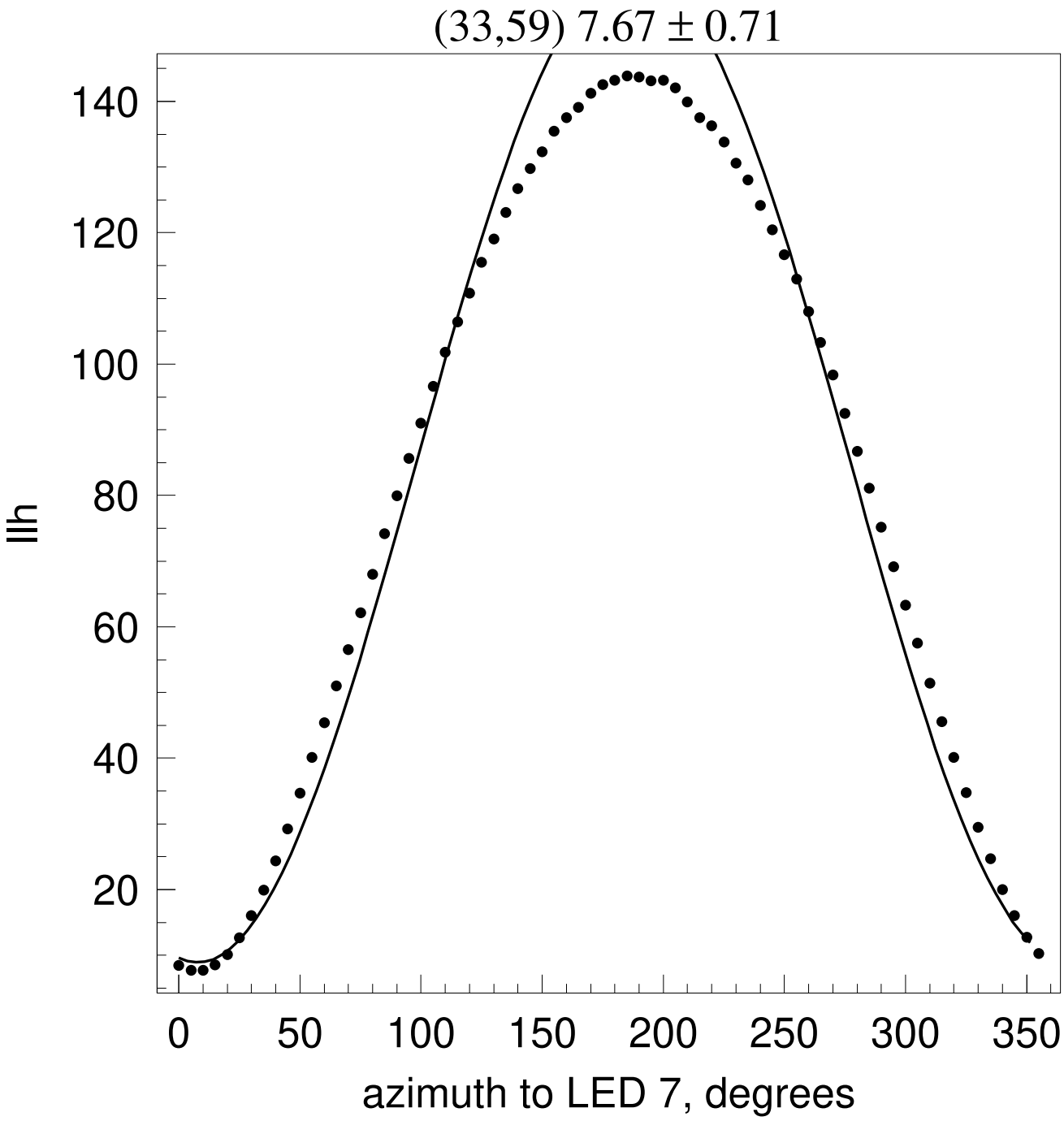

(33,54) 344.30 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

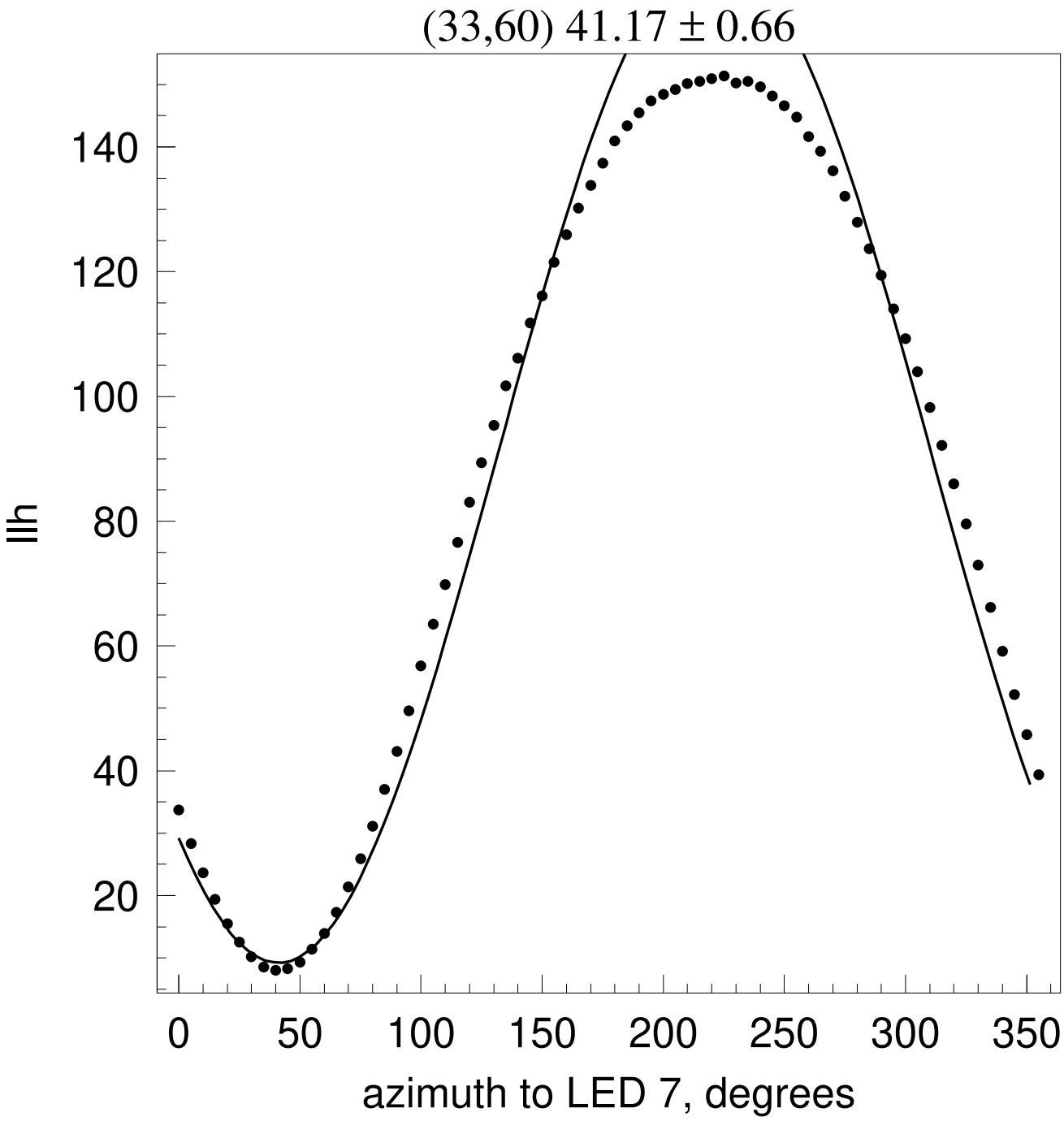

(33,55) 130.53 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

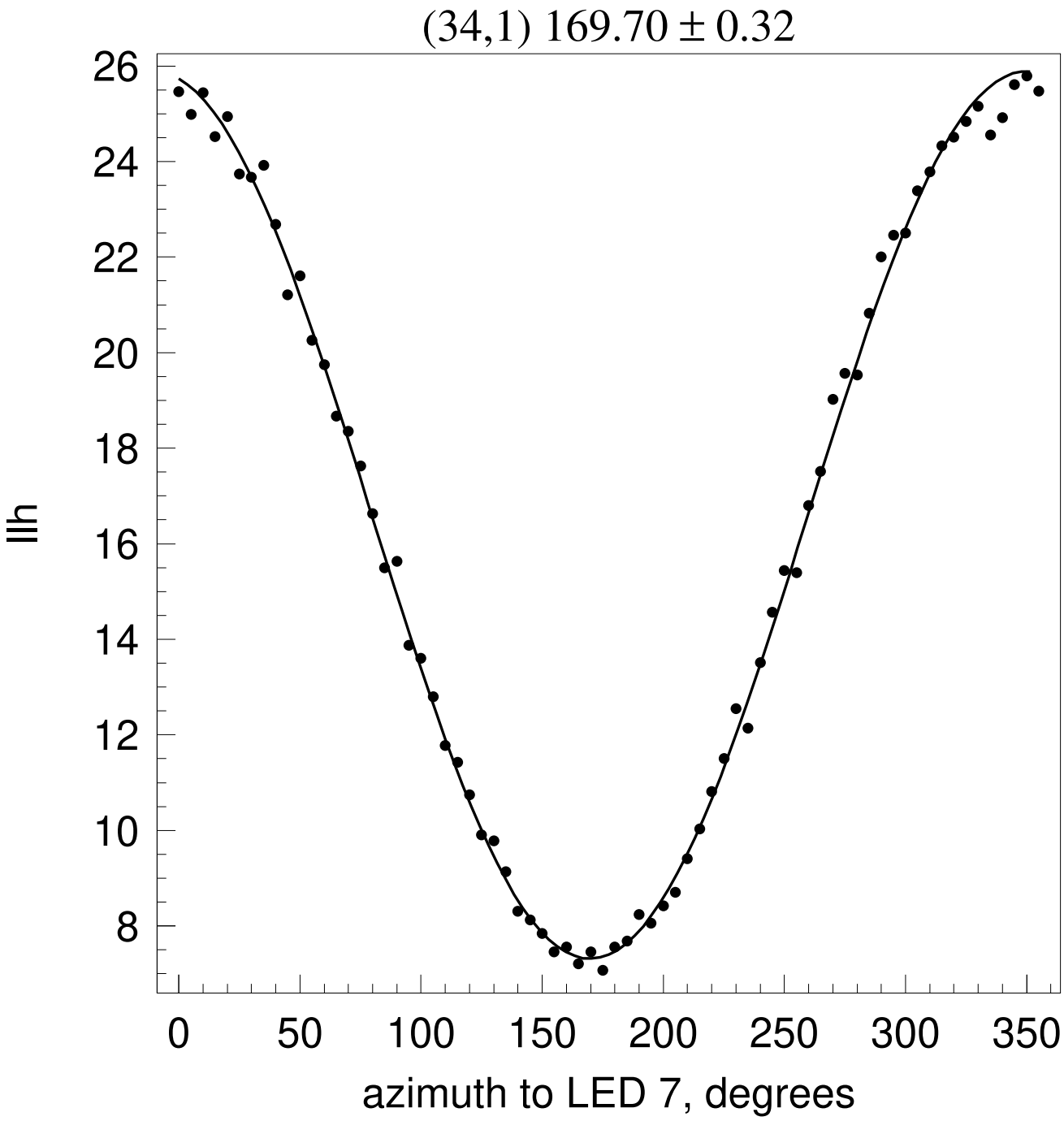

(33,56) 33.65 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

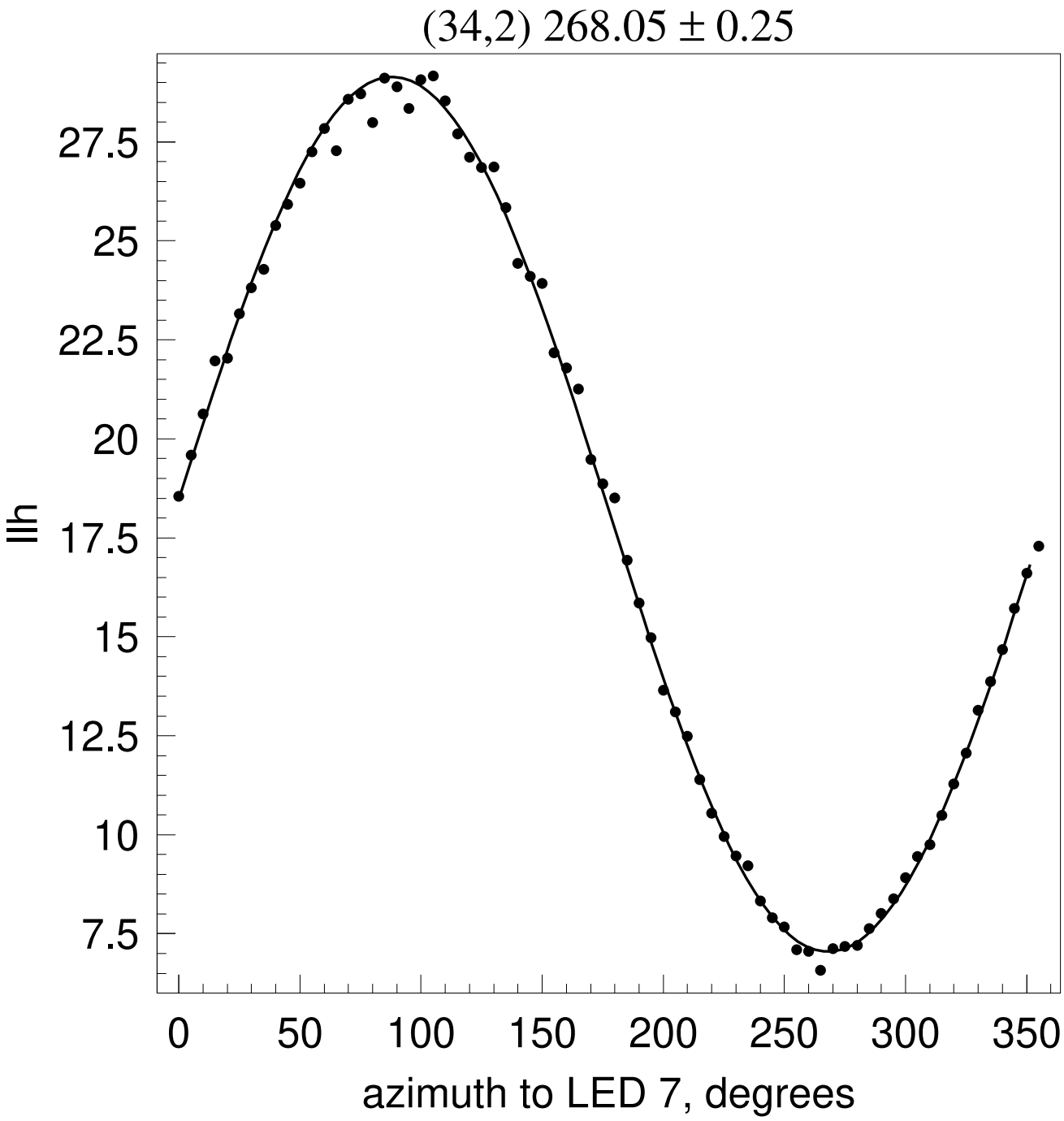

(33,57) 158.12 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

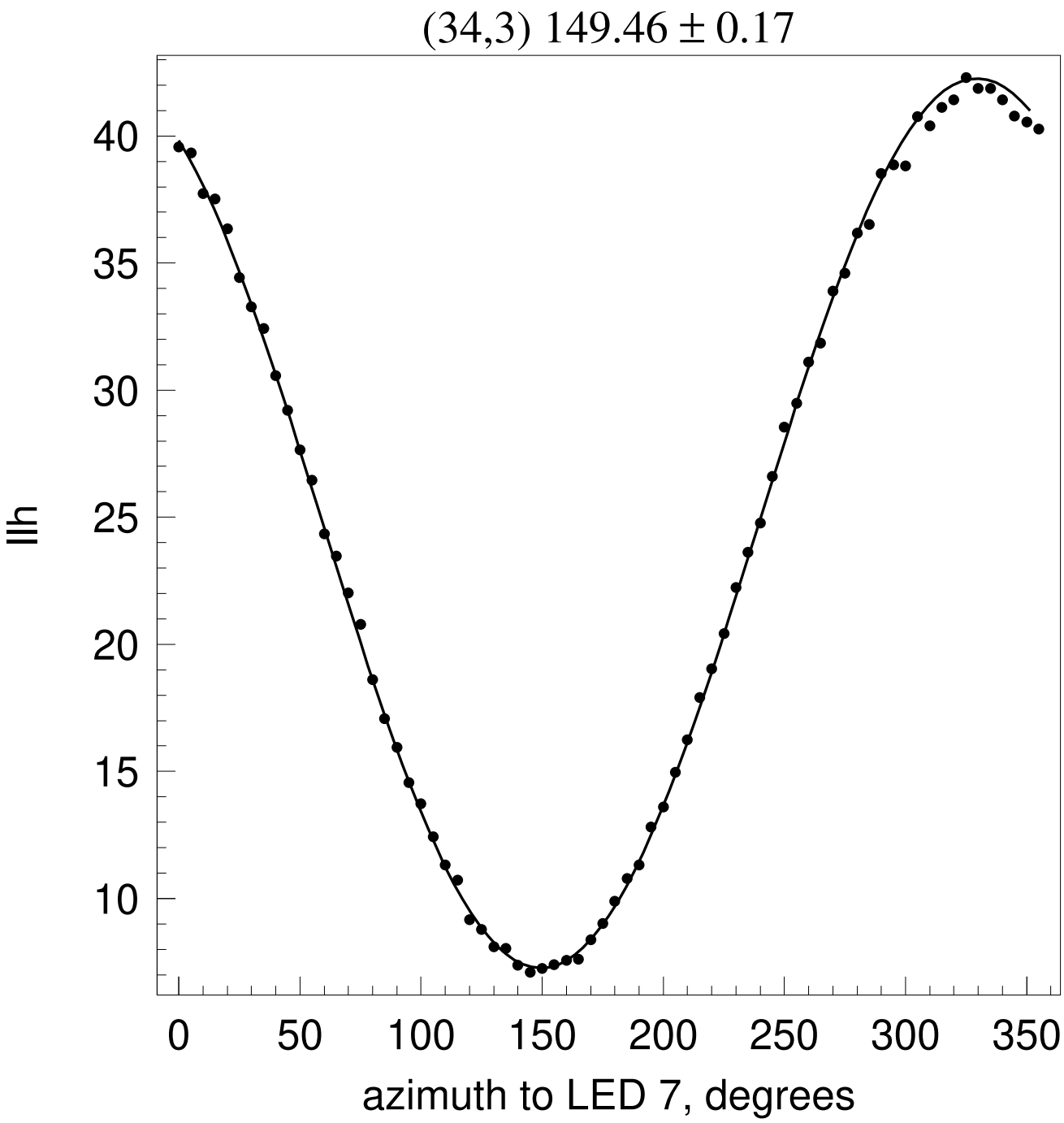

(33,58) 133.70 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

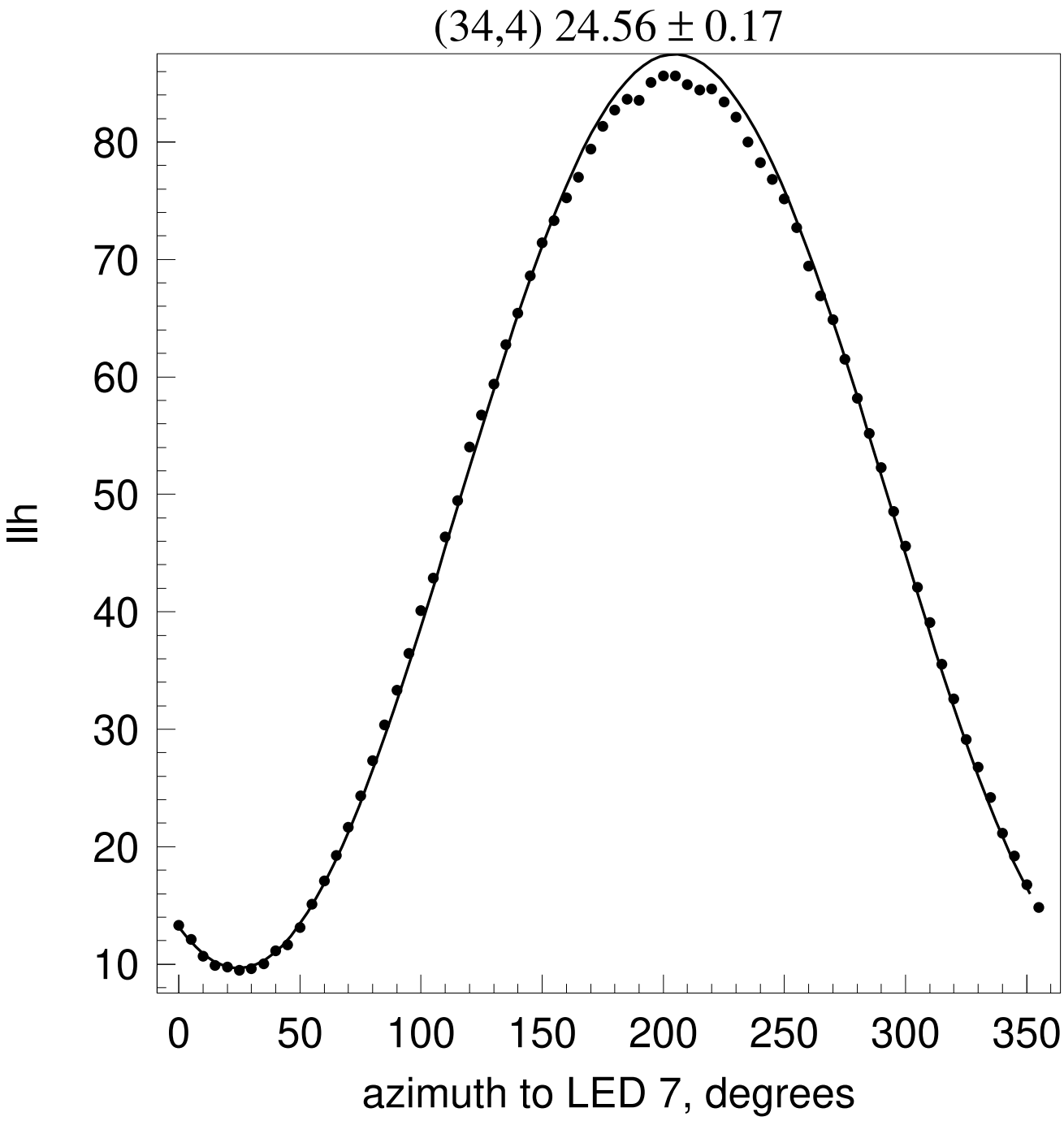

(33,59) 7.67 ± 0.71
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

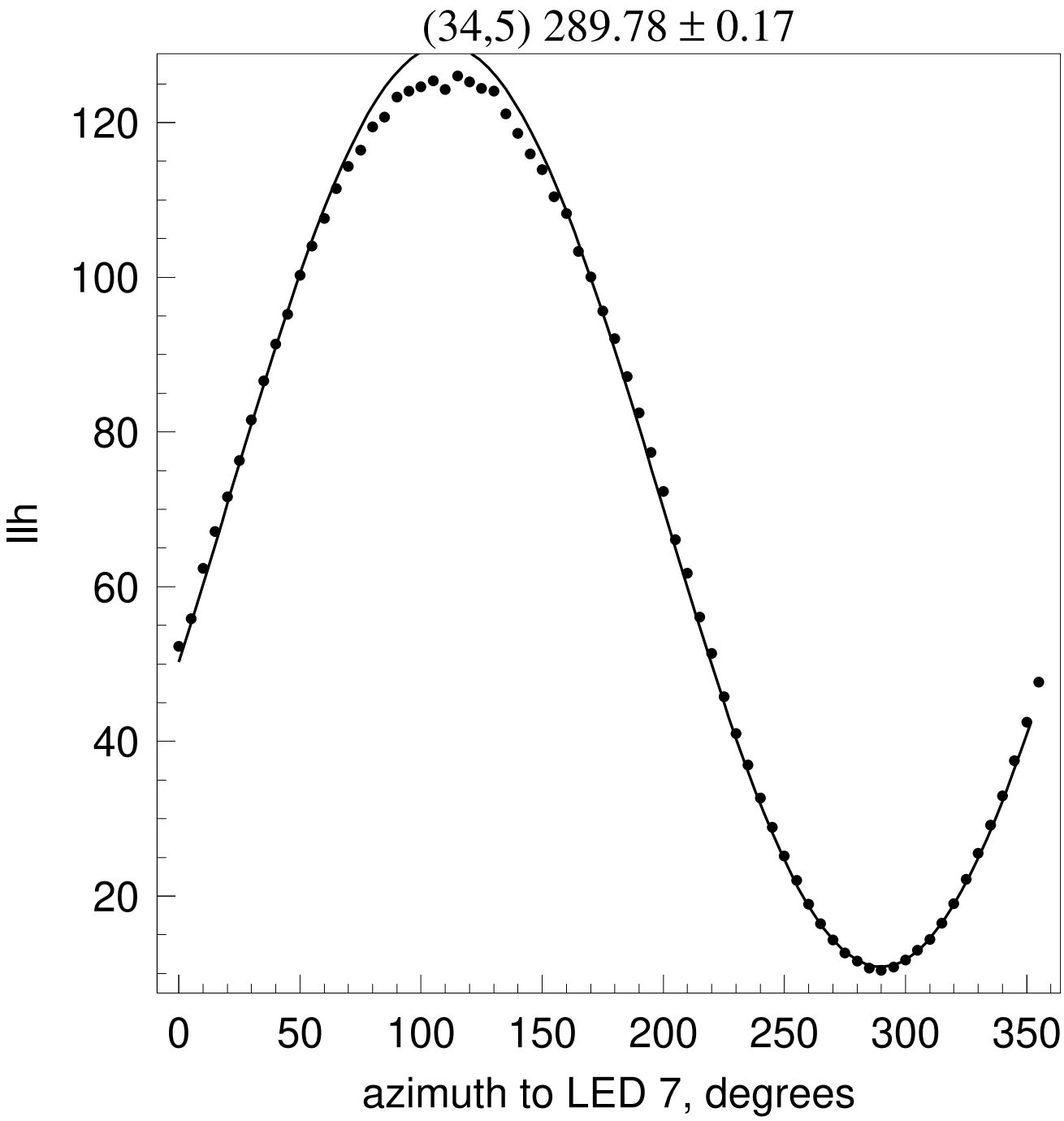

(33,60) 41.17 ± 0.66
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

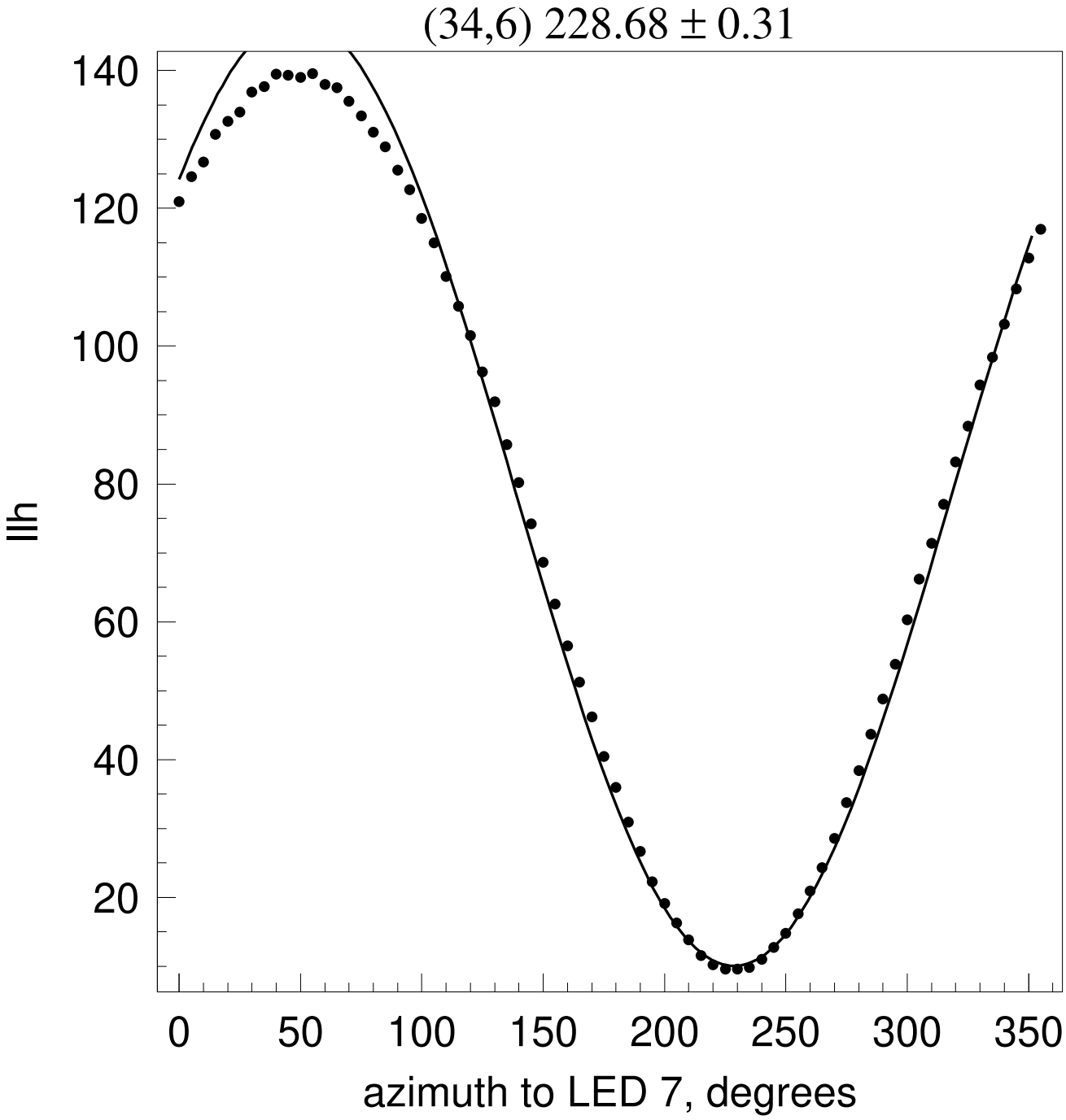

(34,1) 169.70 ± 0.32
26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

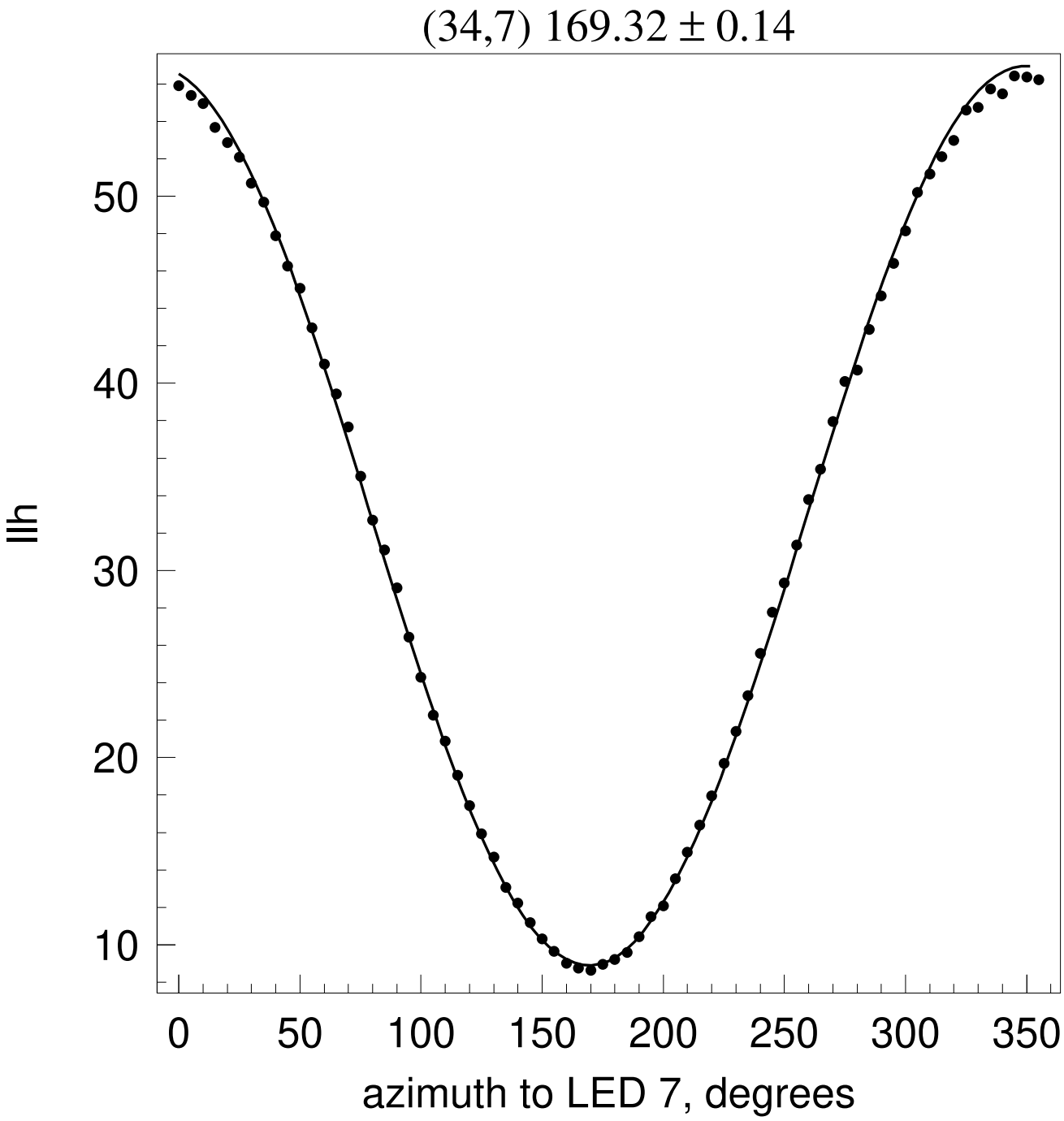

(34,2) 268.05 ± 0.25
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

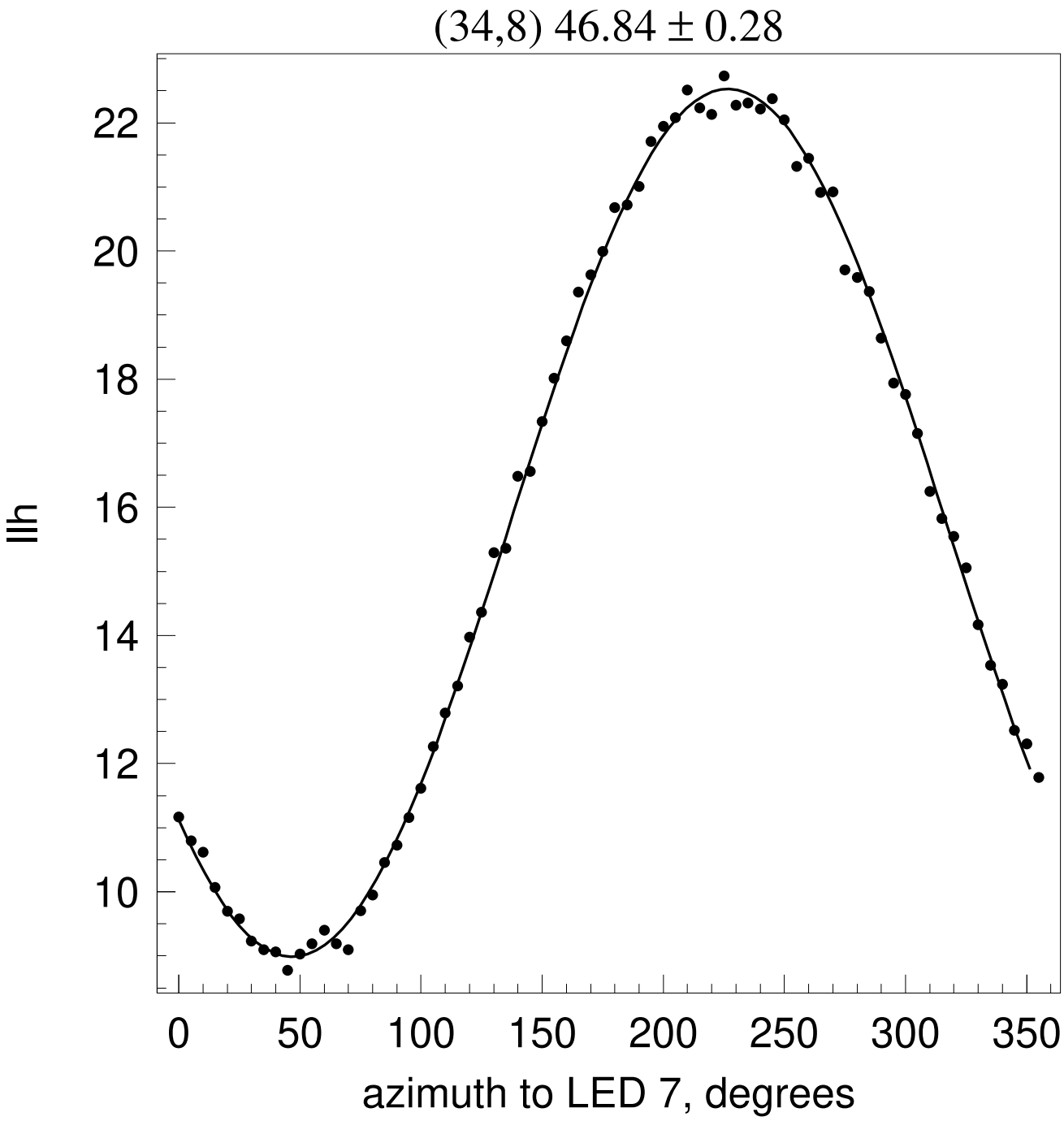

(34,3) 149.46 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

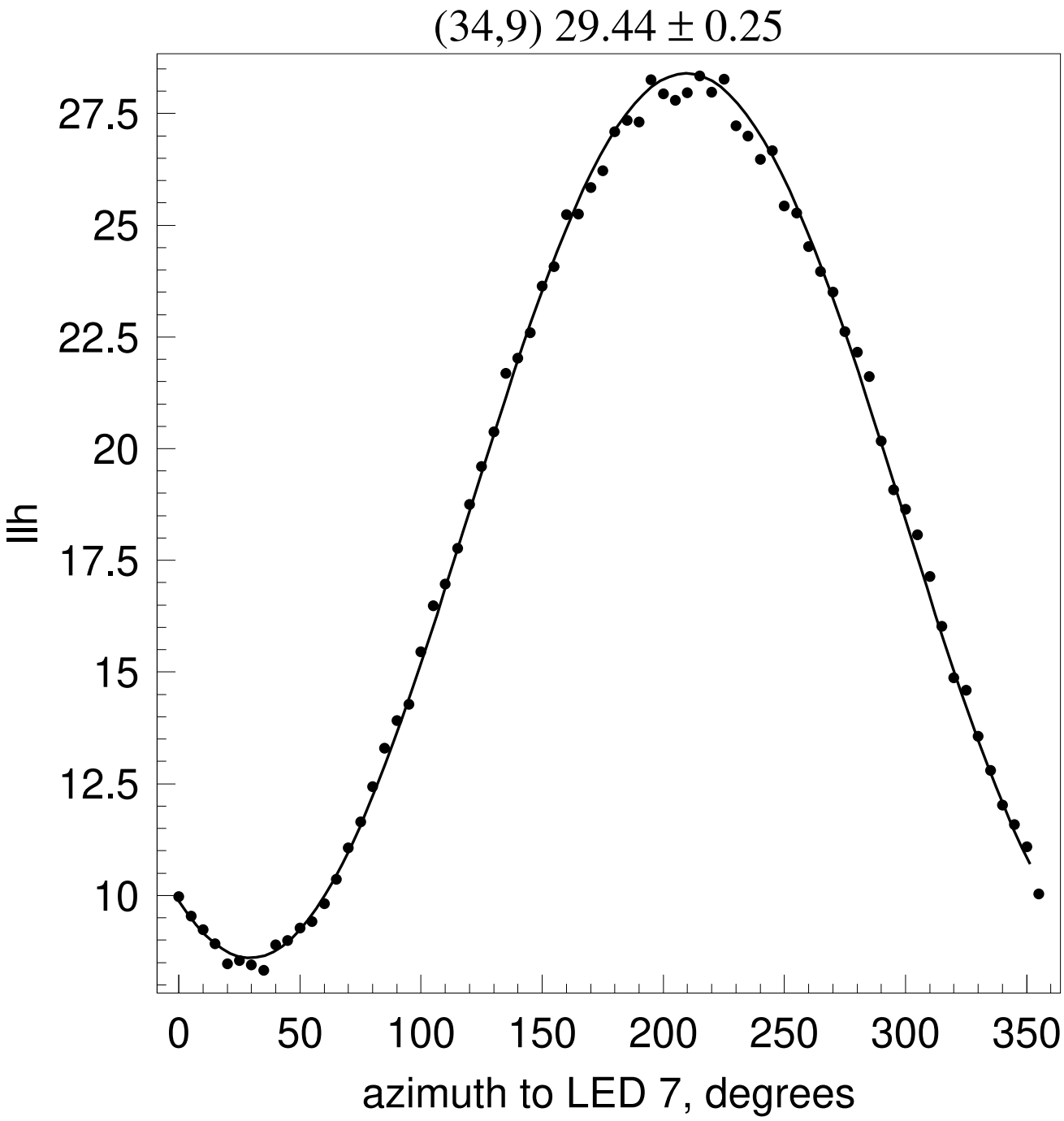

(34,4) 24.56 ± 0.17
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

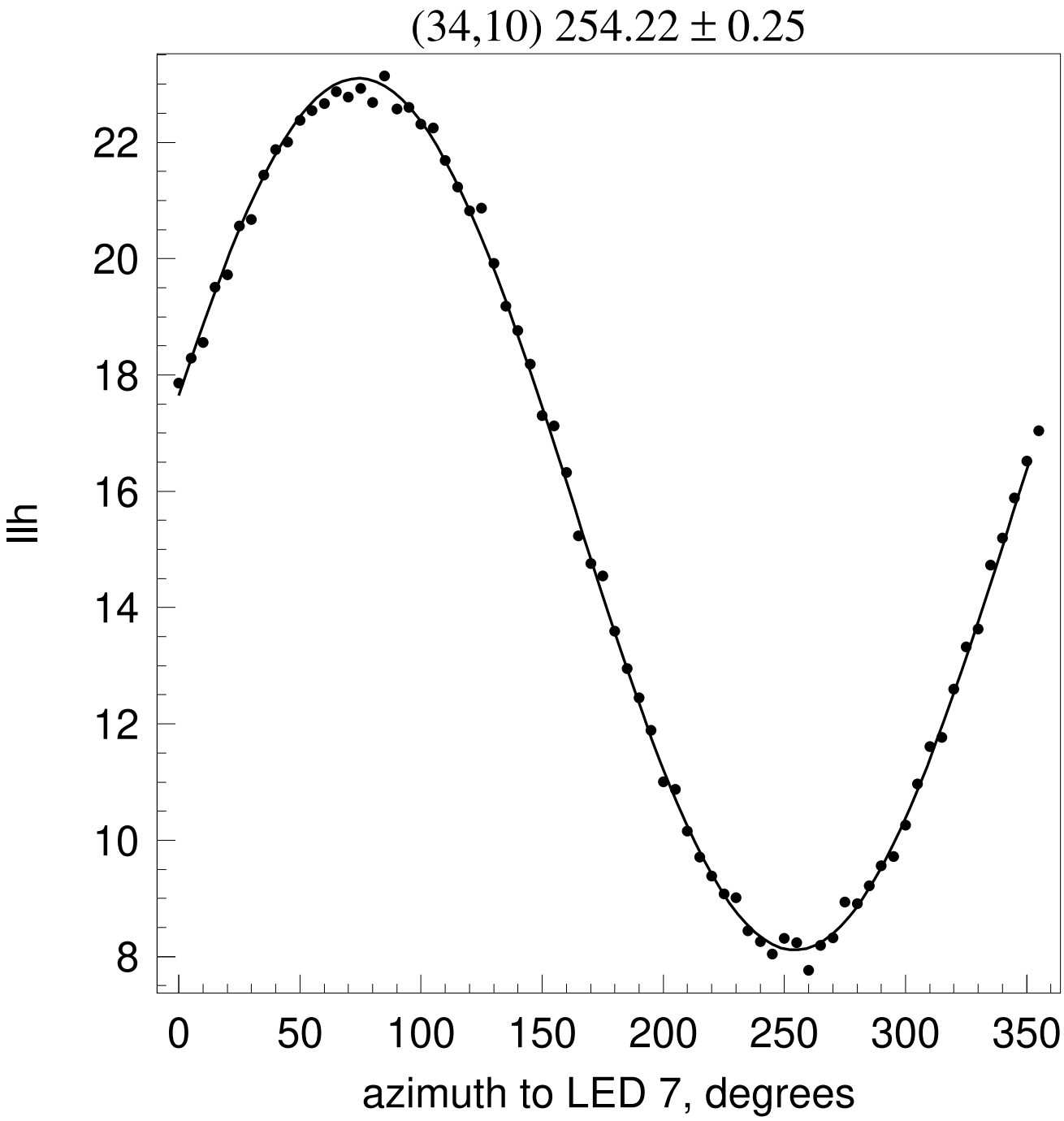

(34,5) 289.78 ± 0.17
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

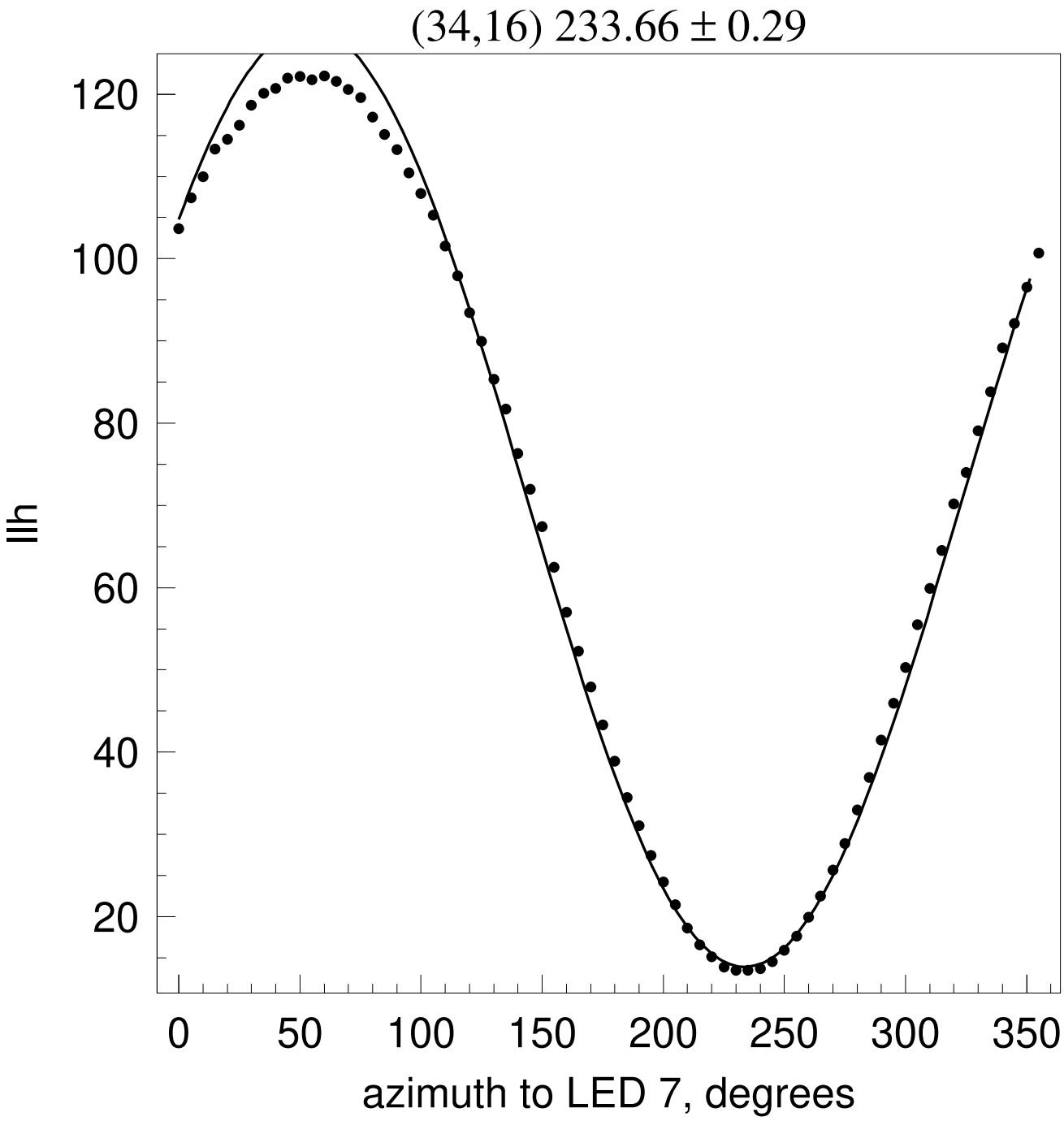

(34,6) 228.68 ± 0.31
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

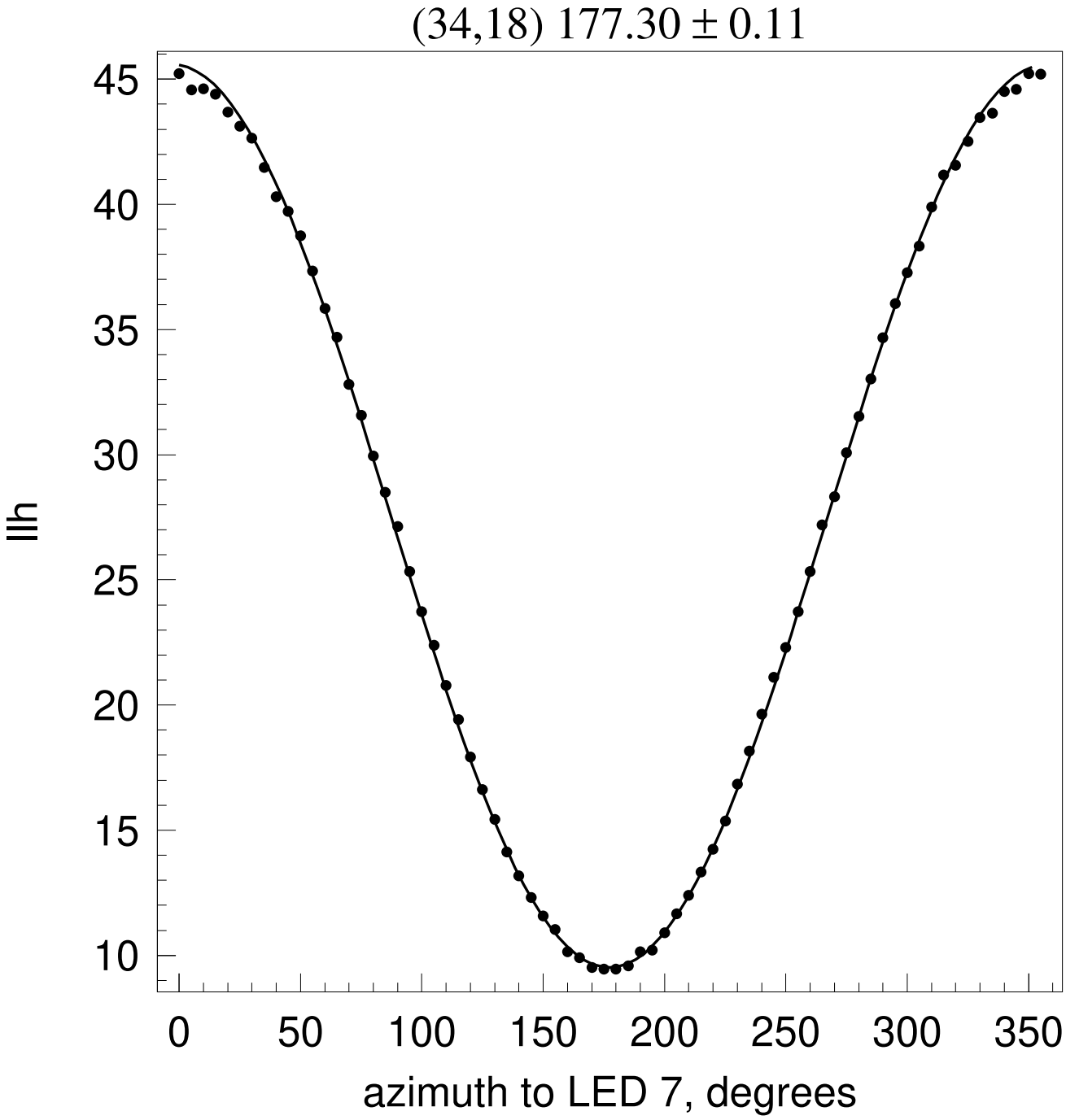

(34,7) 169.32 ± 0.14
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

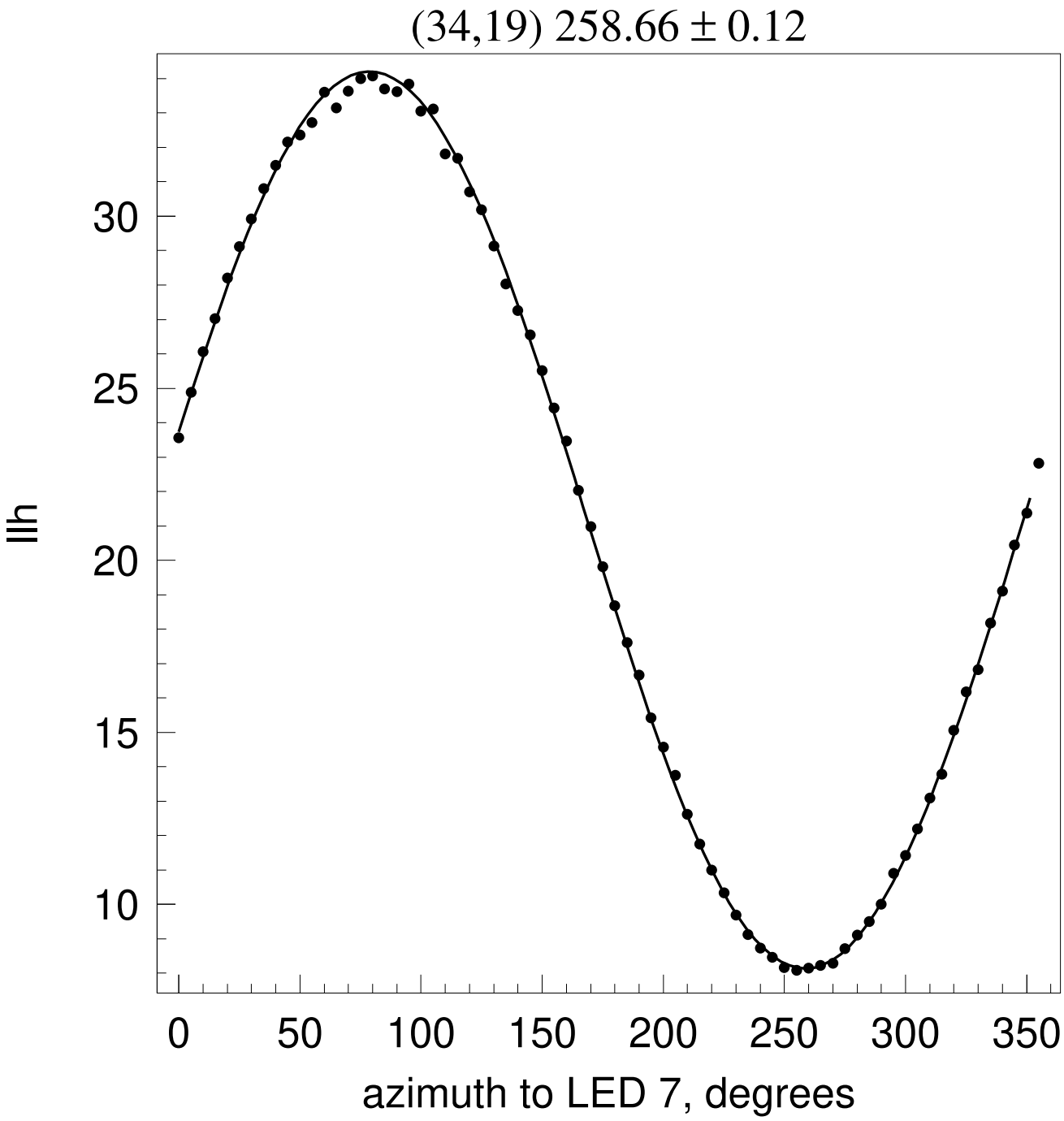

(34,8) 46.84 ± 0.28
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

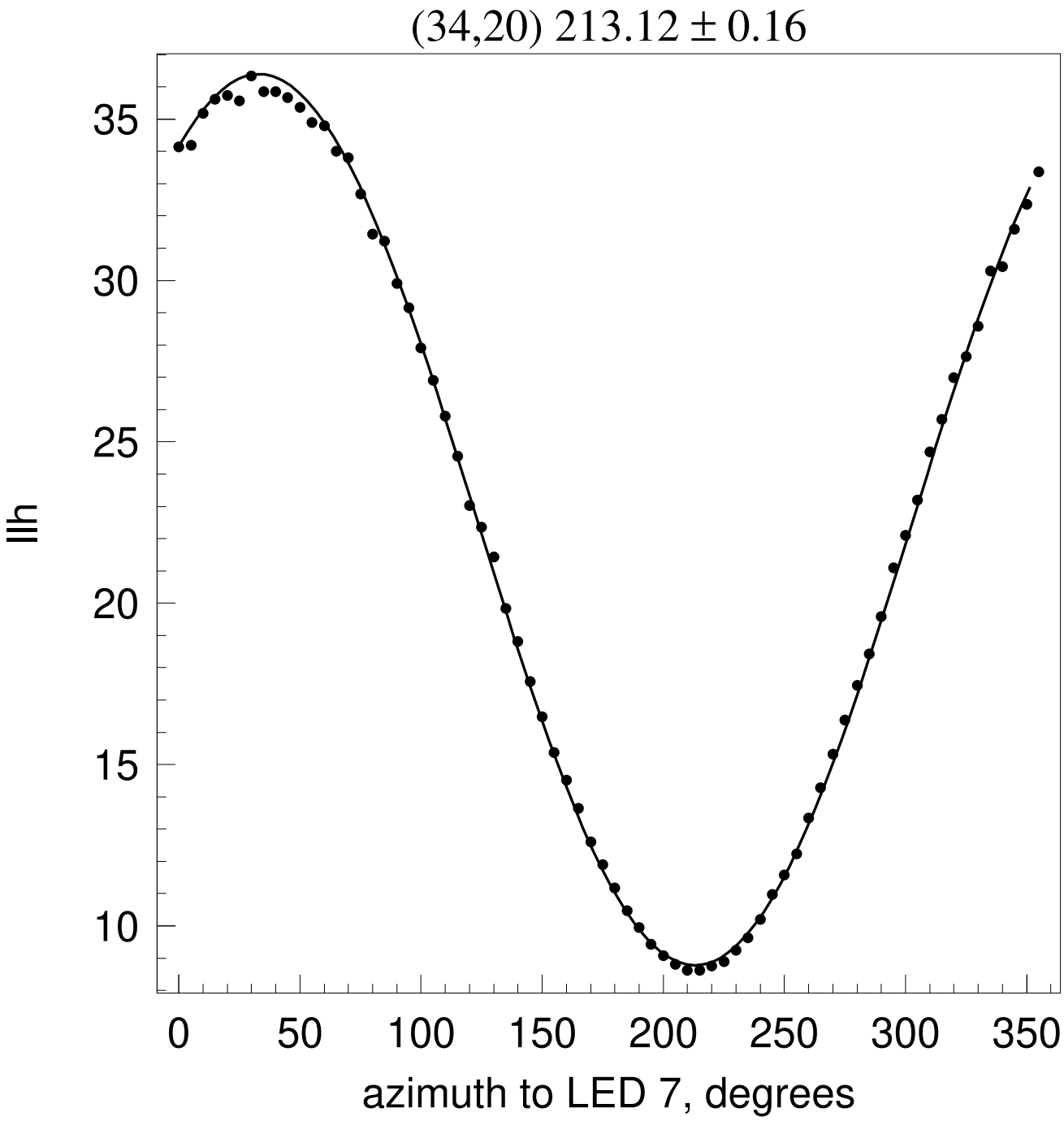

(34,9) 29.44 ± 0.25
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

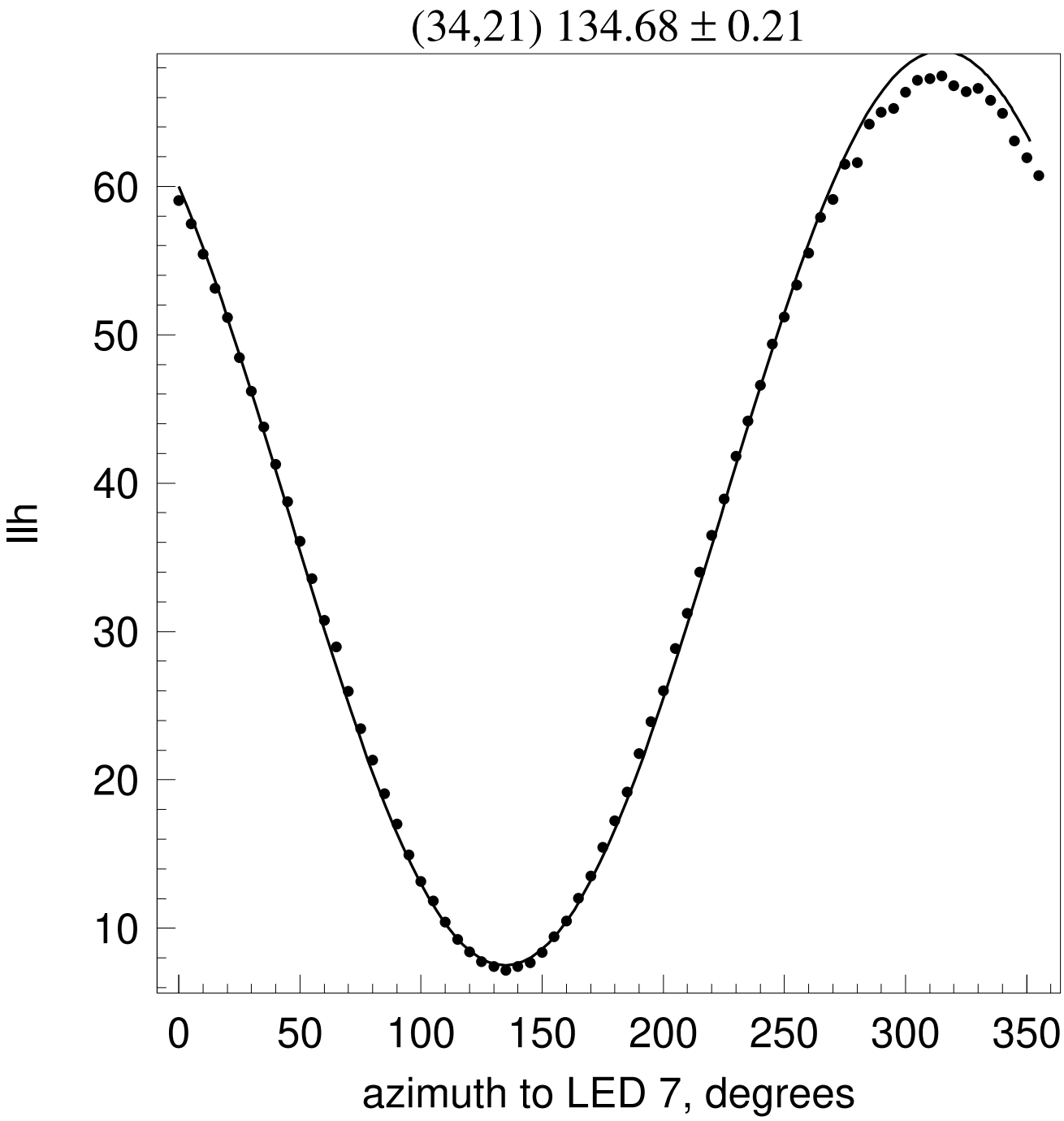

(34,10) 254.22 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

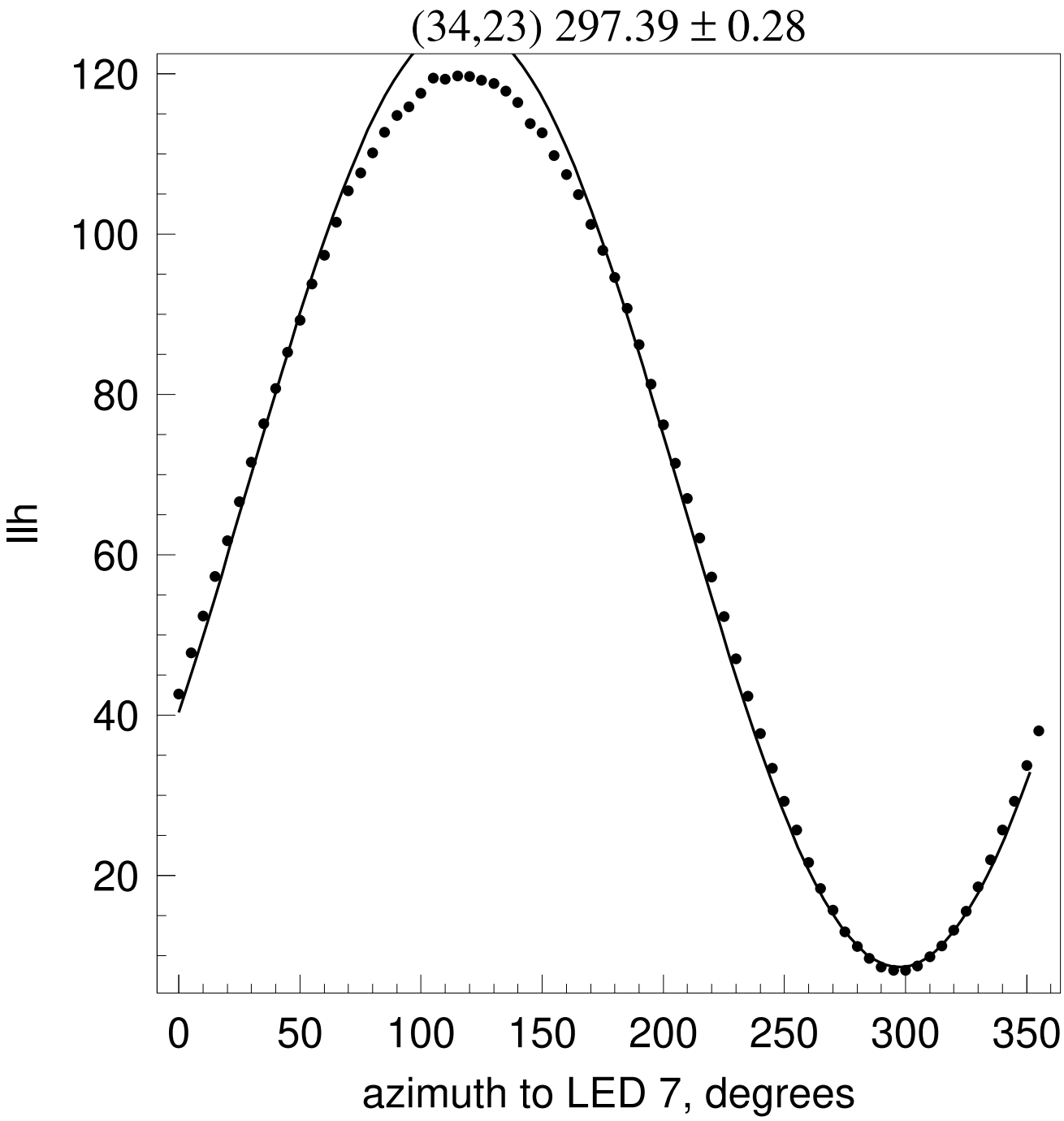

(34,16) 233.66 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

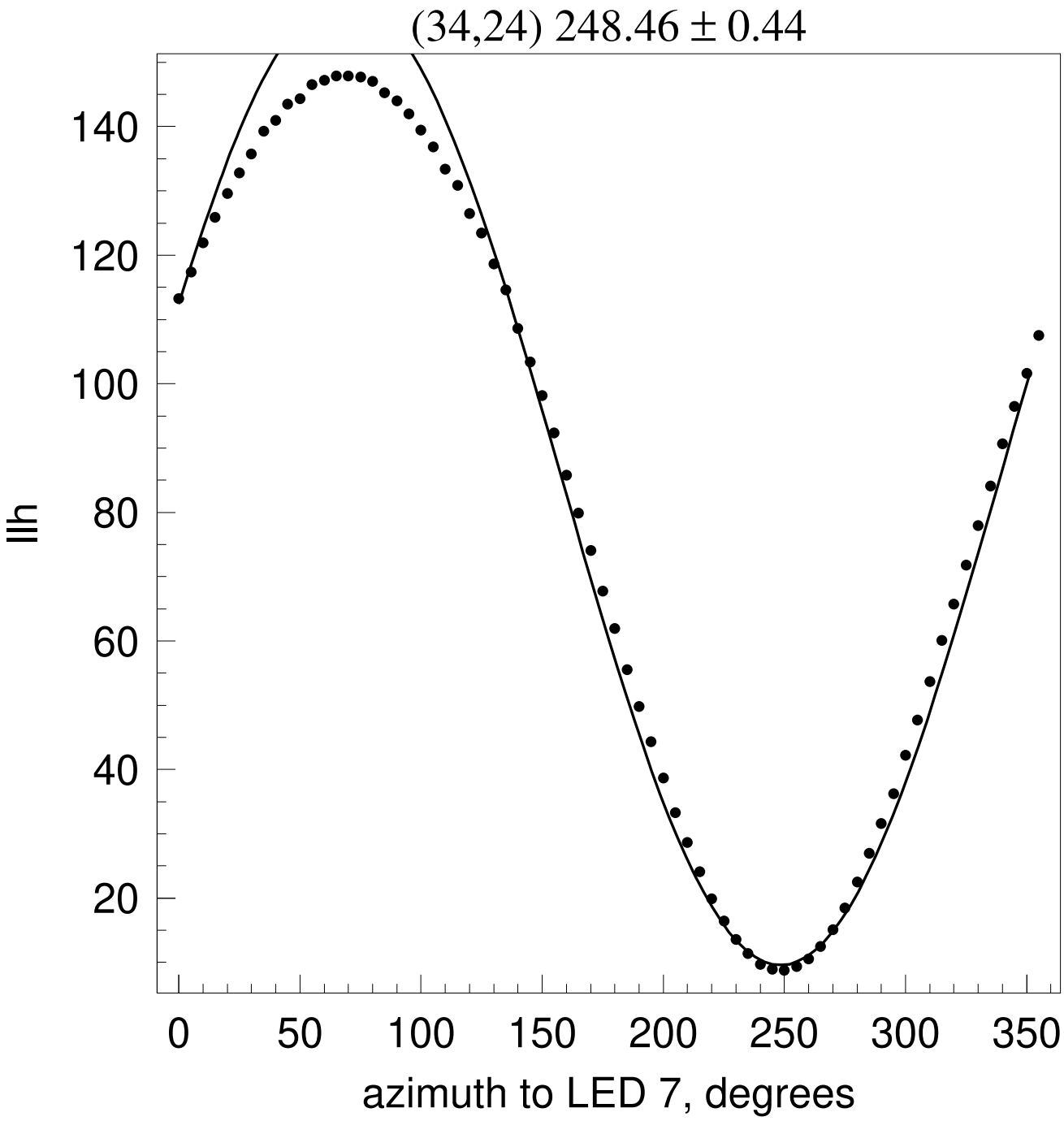

(34,18) 177.30 ± 0.11
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

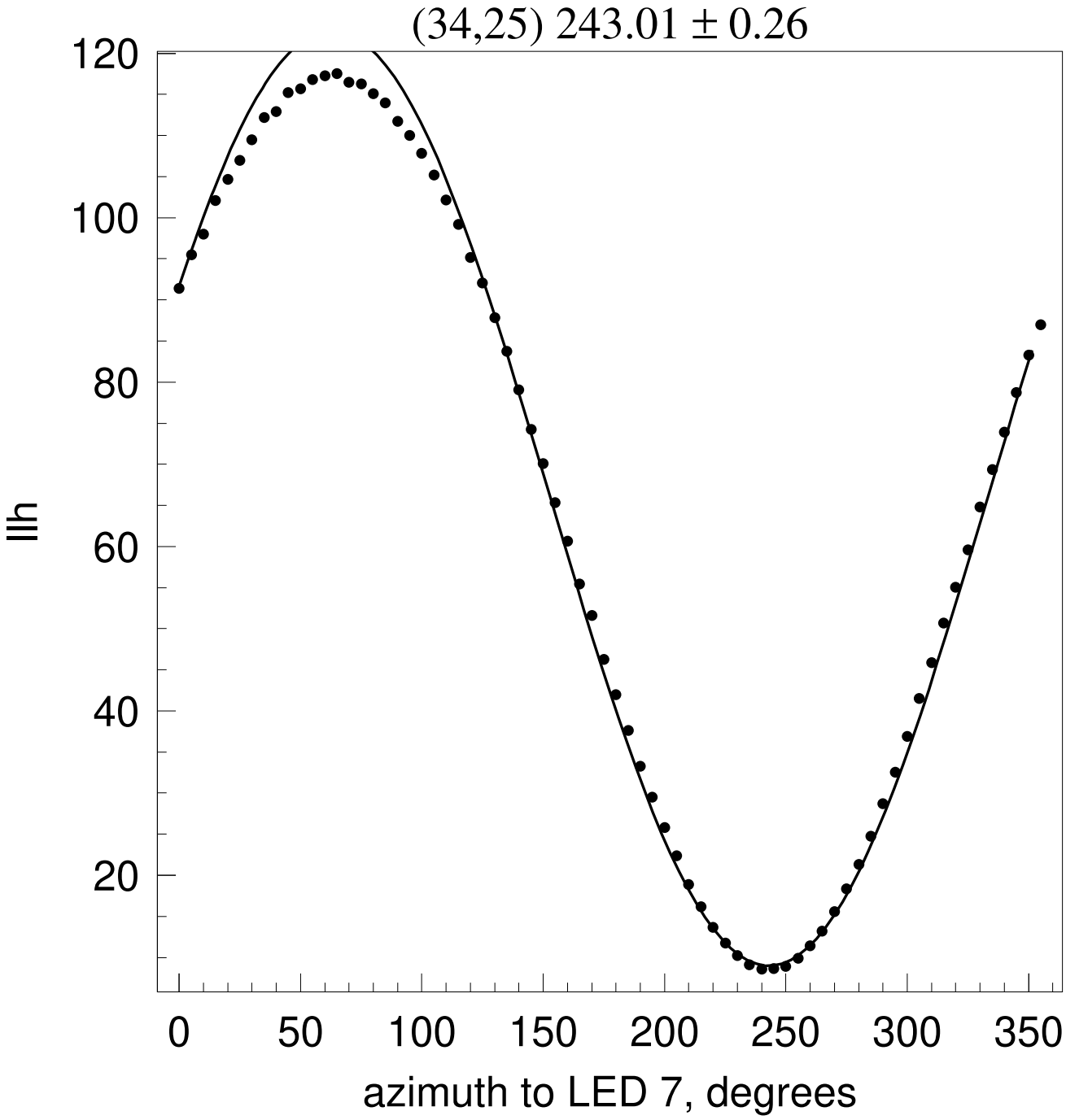

(34,19) 258.66 ± 0.12
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

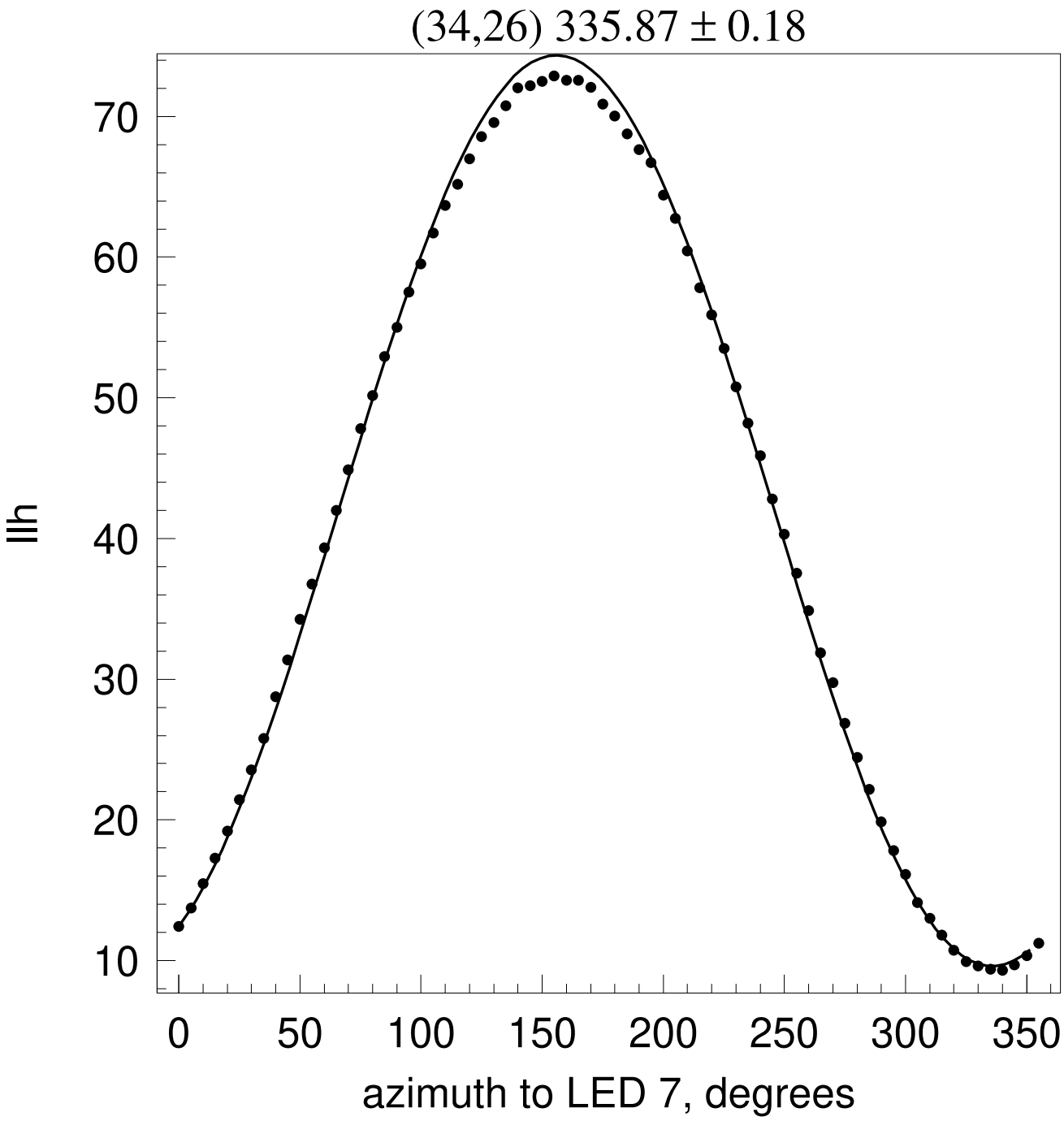

(34,20) 213.12 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

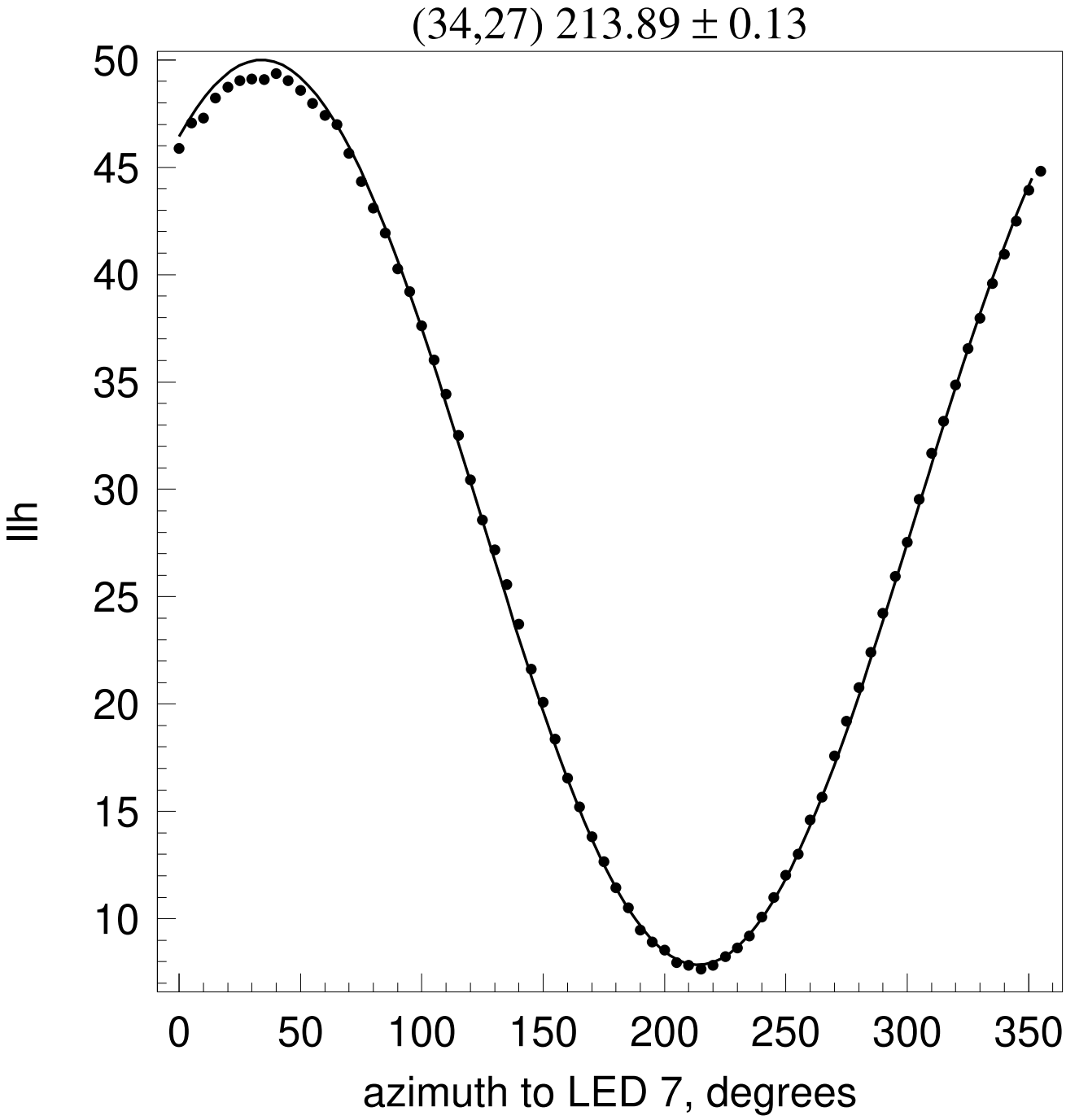

(34,21) 134.68 ± 0.21
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

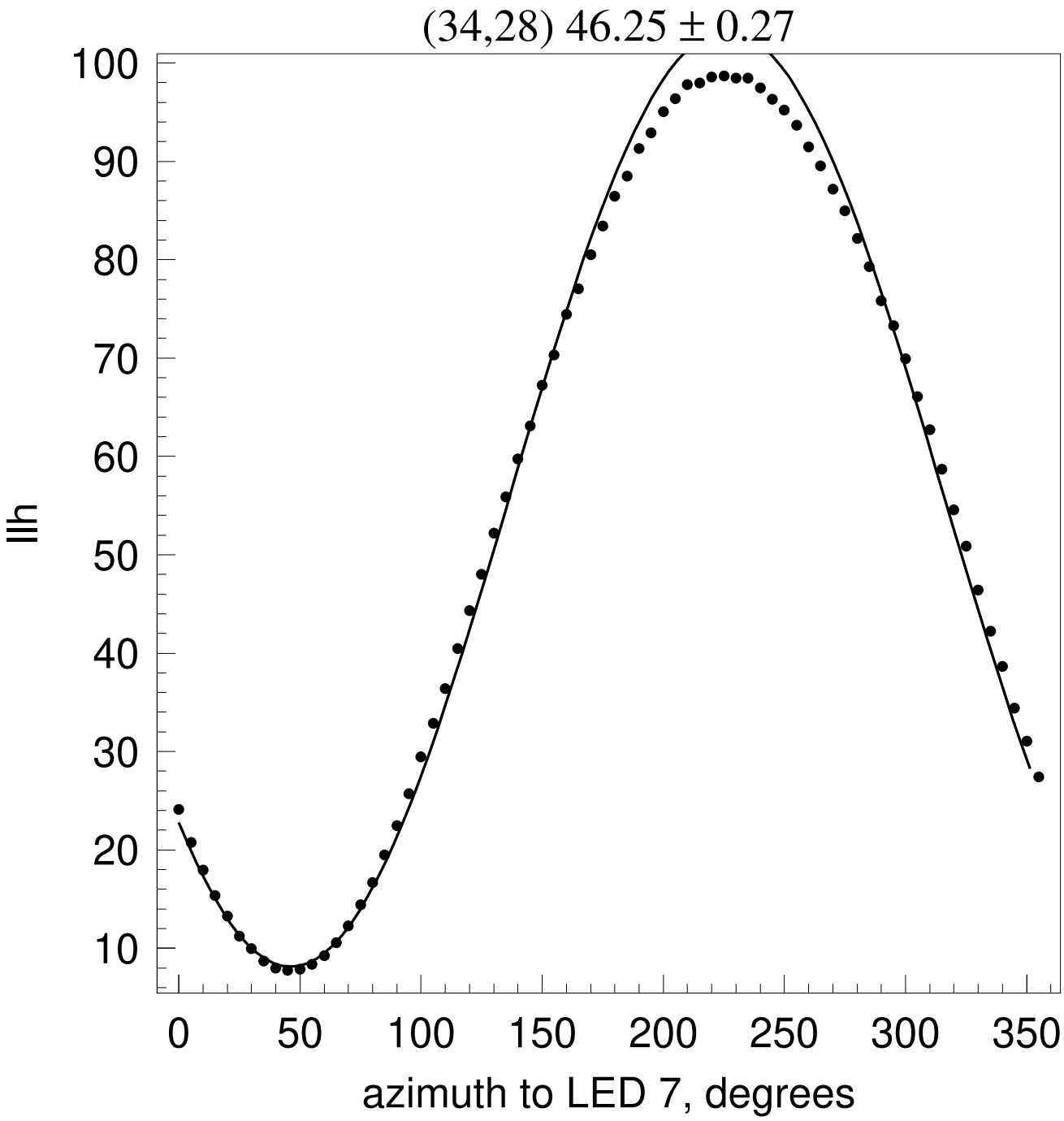

(34,23) 297.39 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

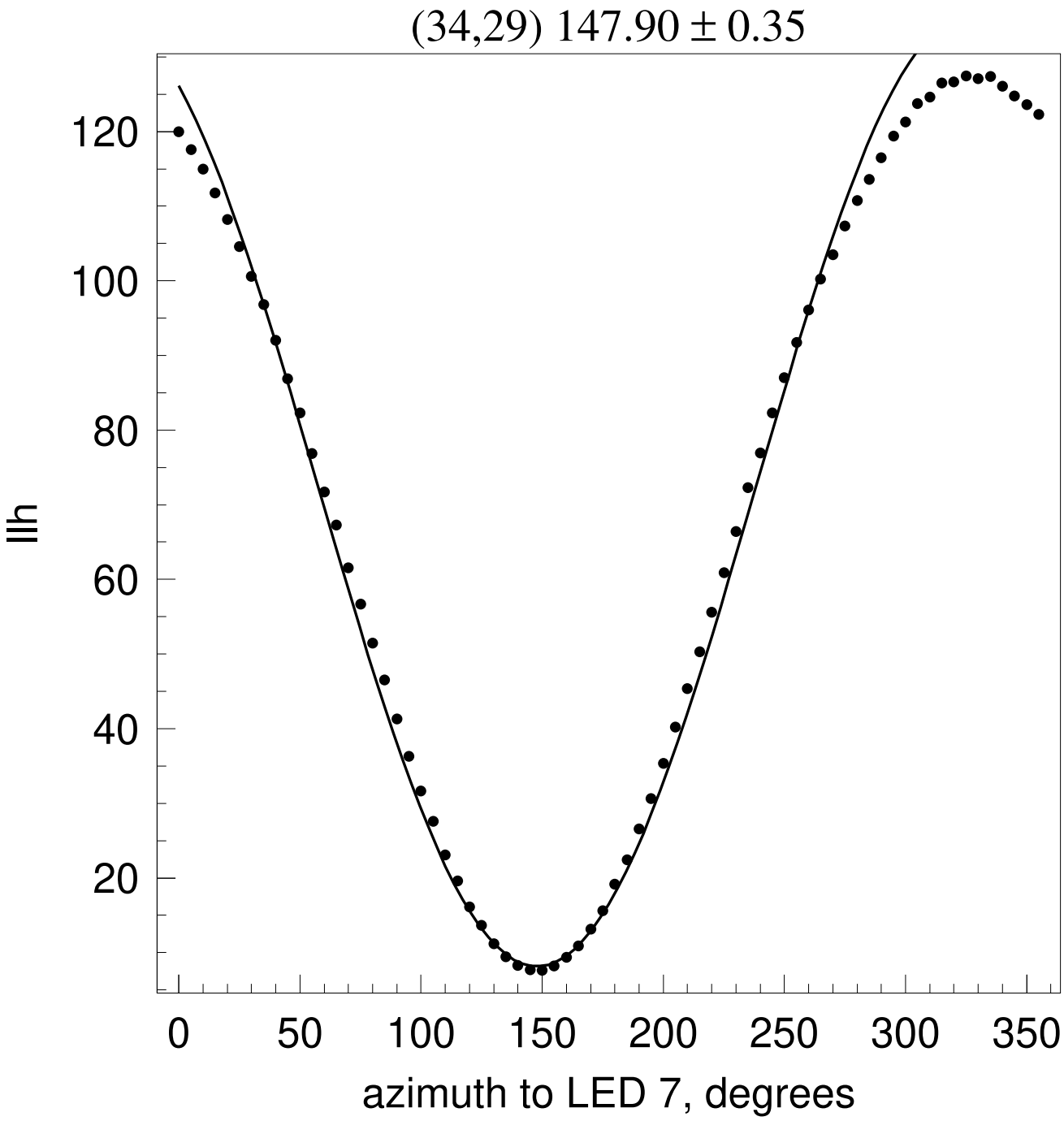

(34,24) 248.46 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

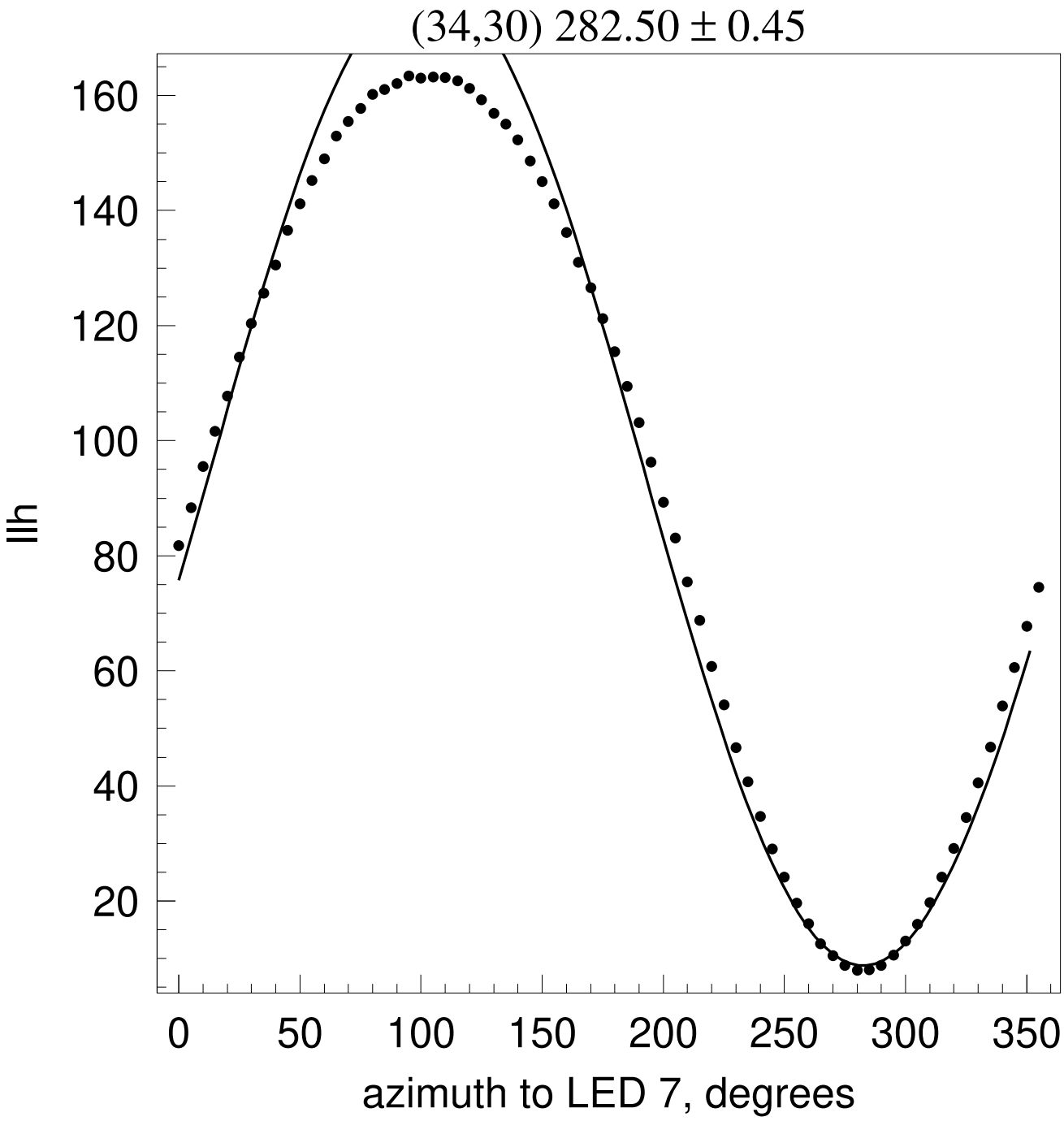

(34,25) 243.01 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

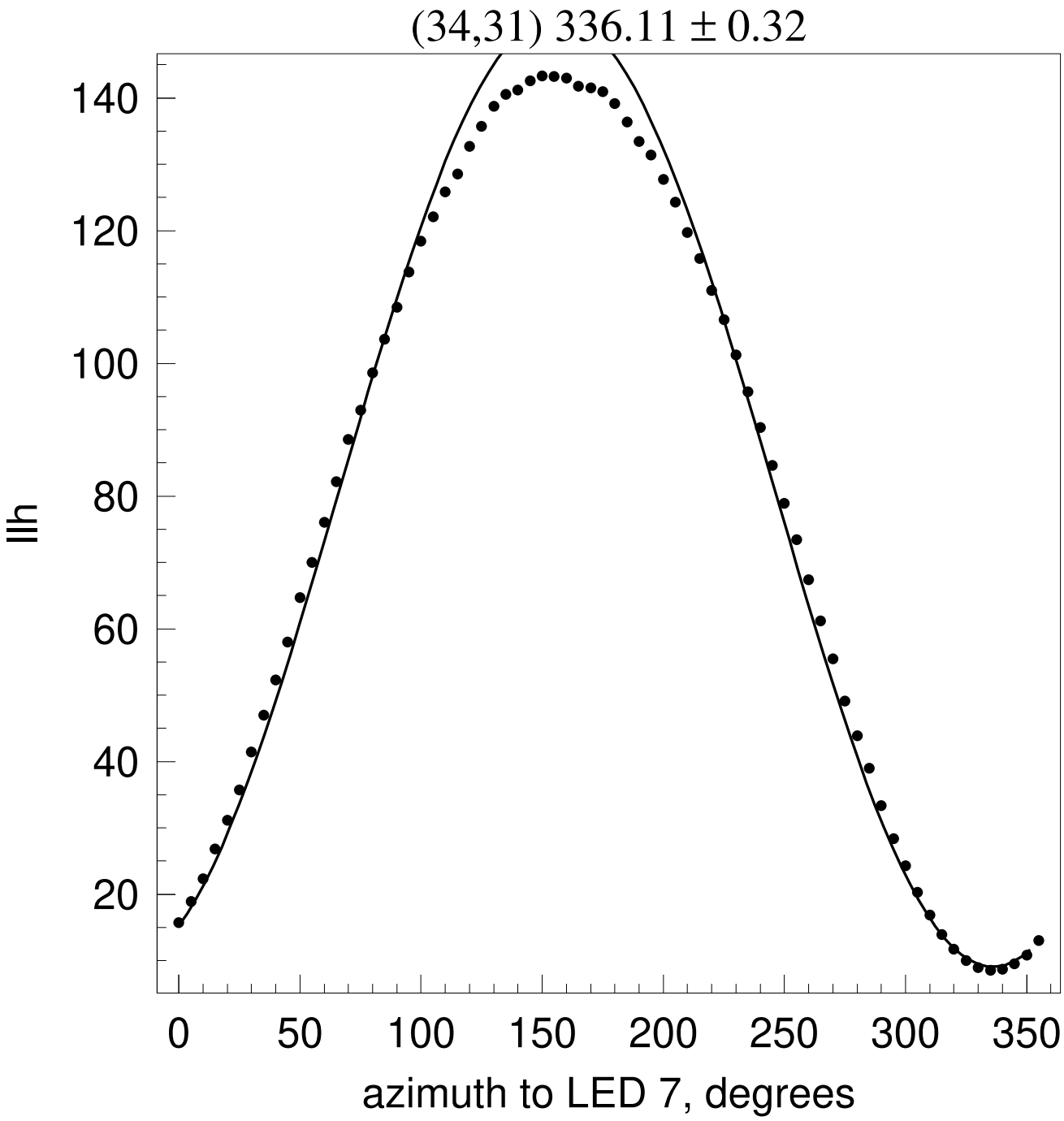

(34,26) 335.87 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

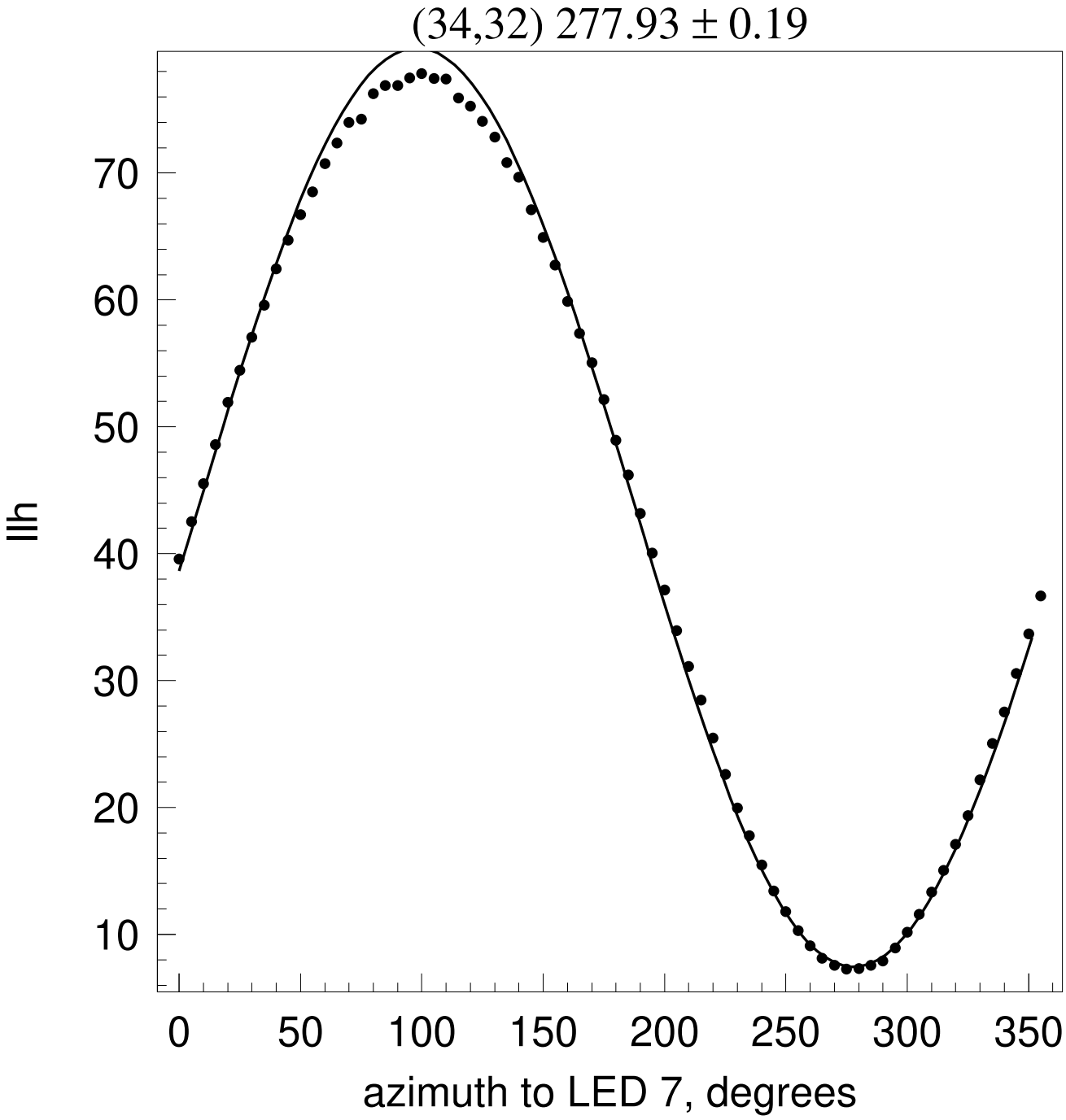

(34,27) 213.89 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

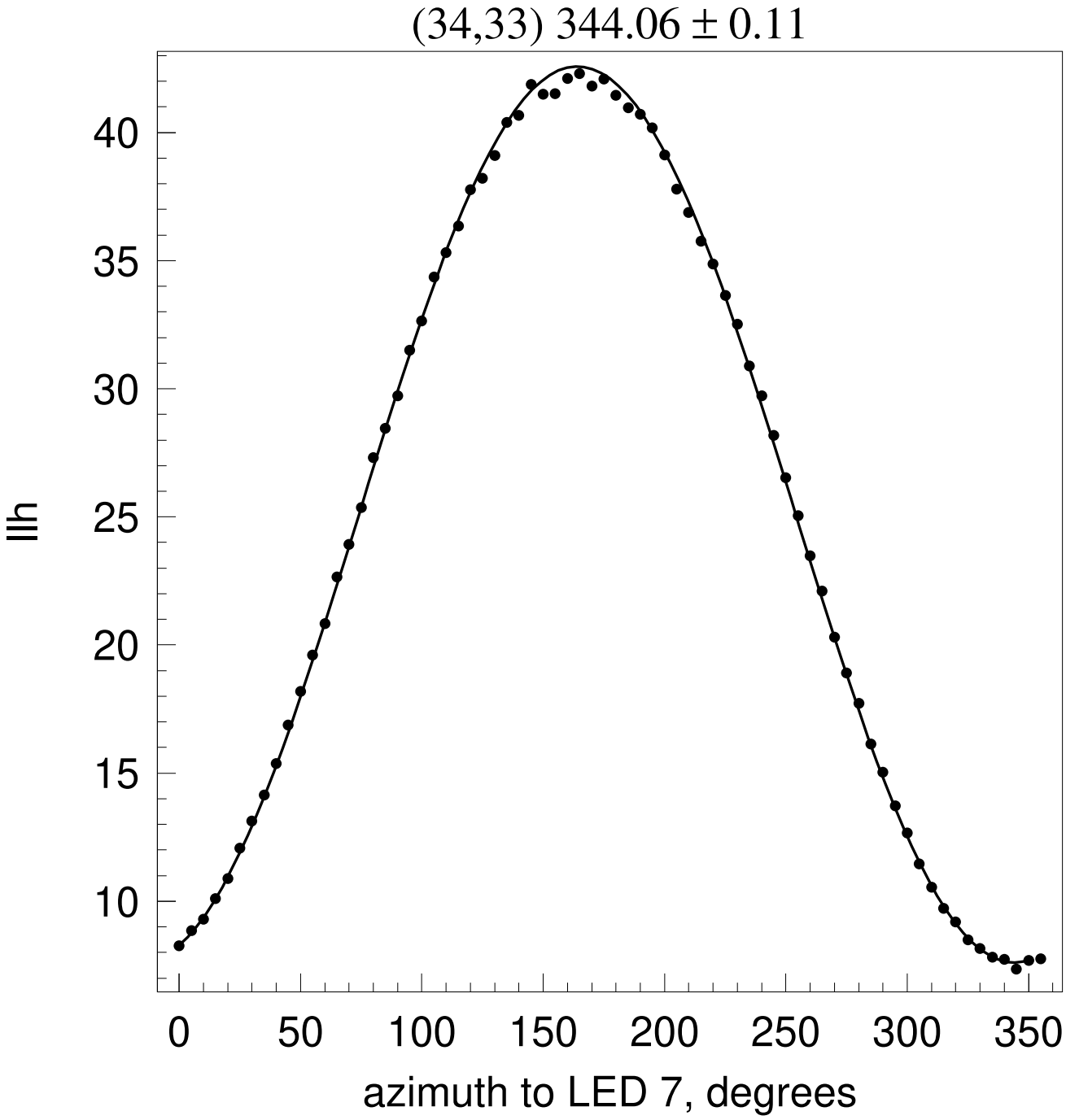

(34,28) 46.25 ± 0.27
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

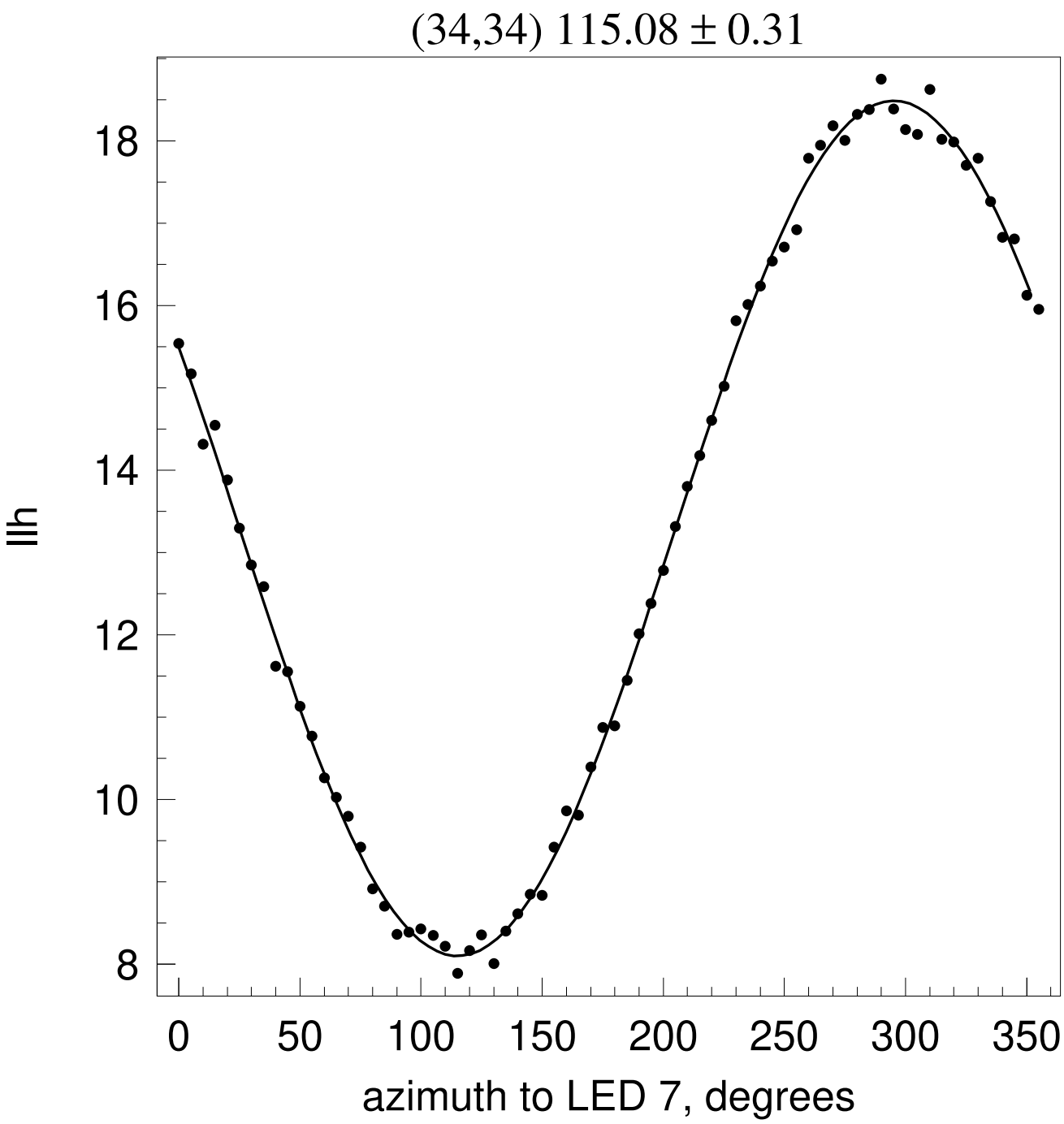

(34,29) 147.90 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

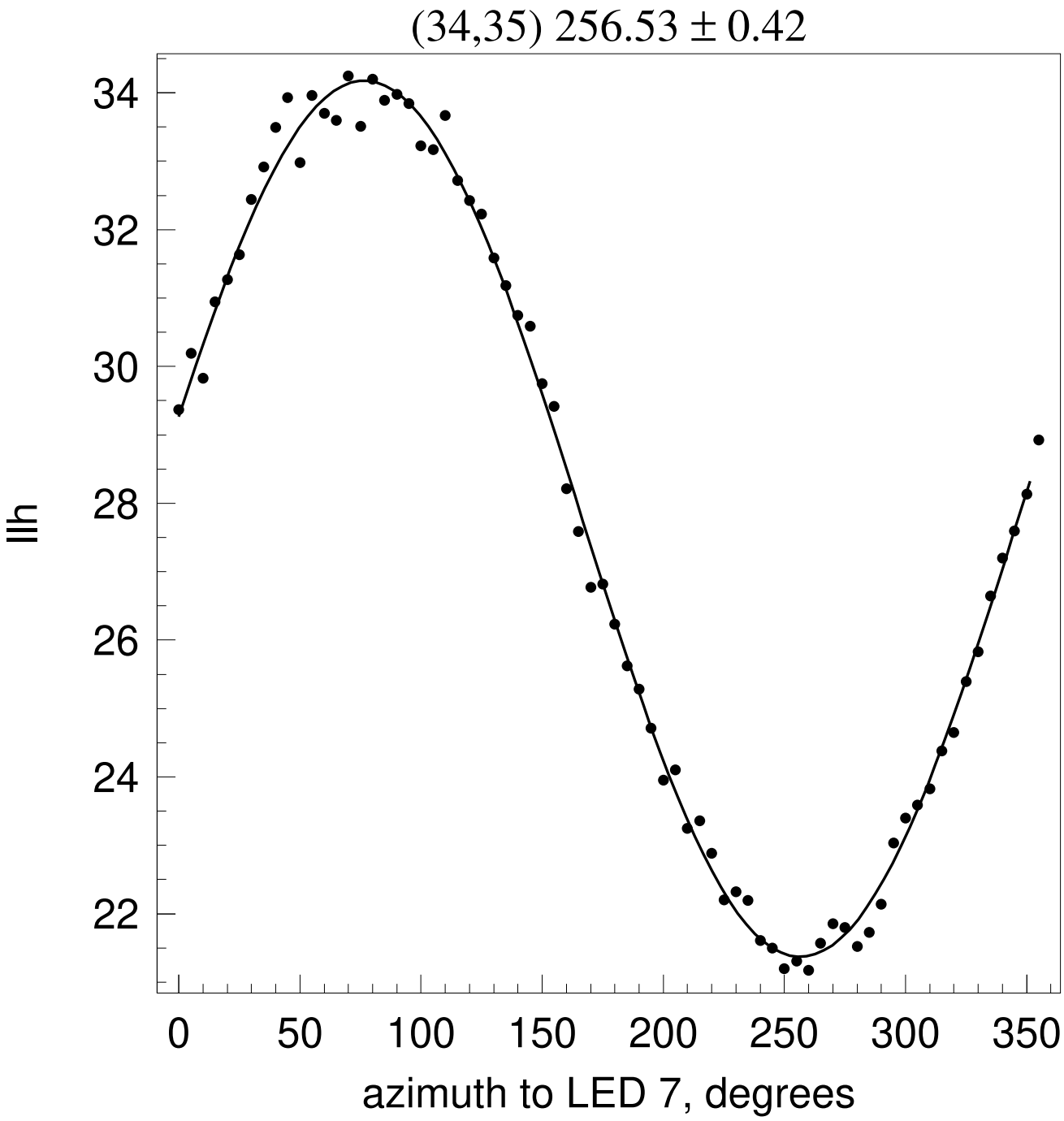

(34,30) 282.50 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

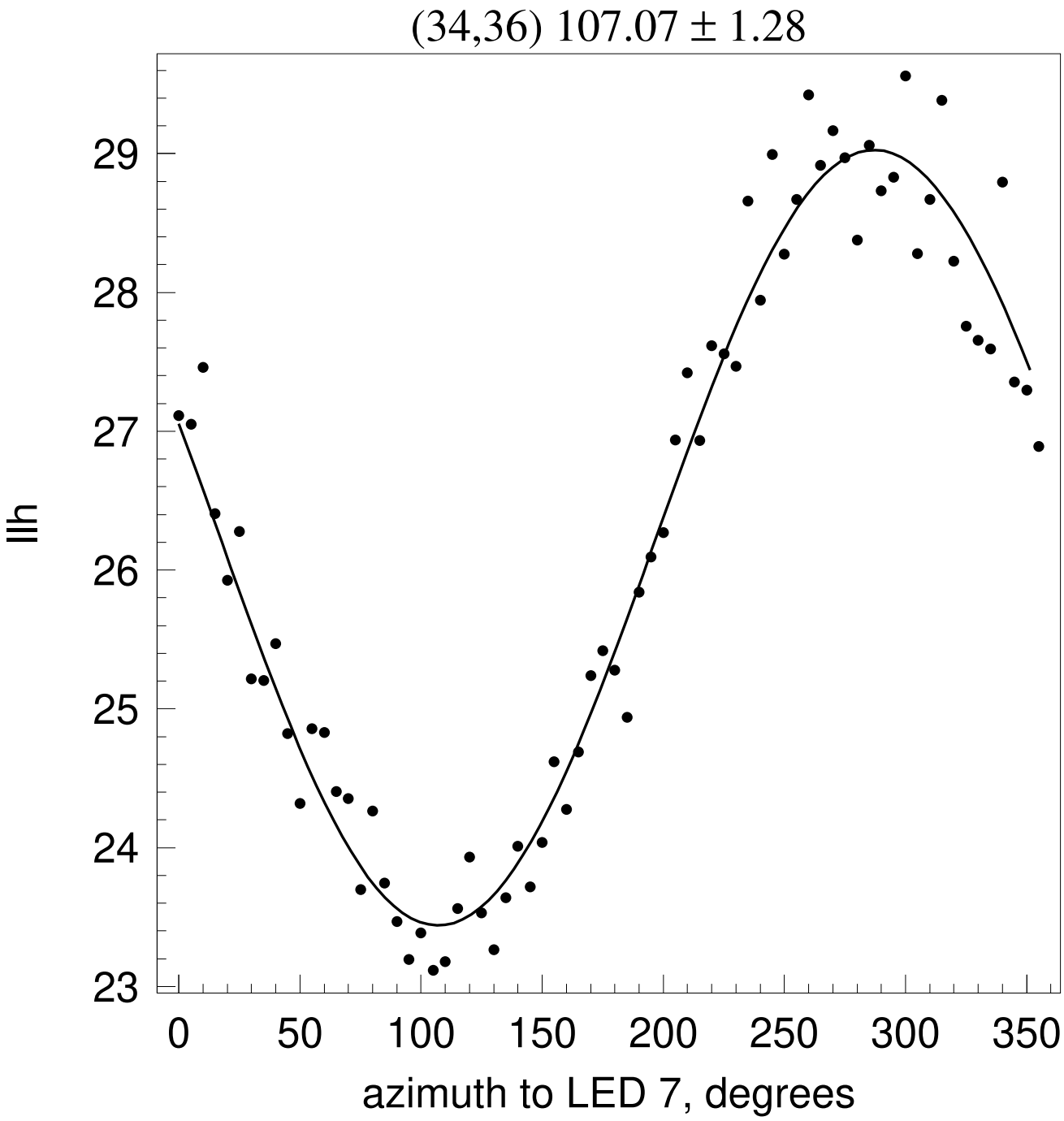

(34,31) 336.11 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

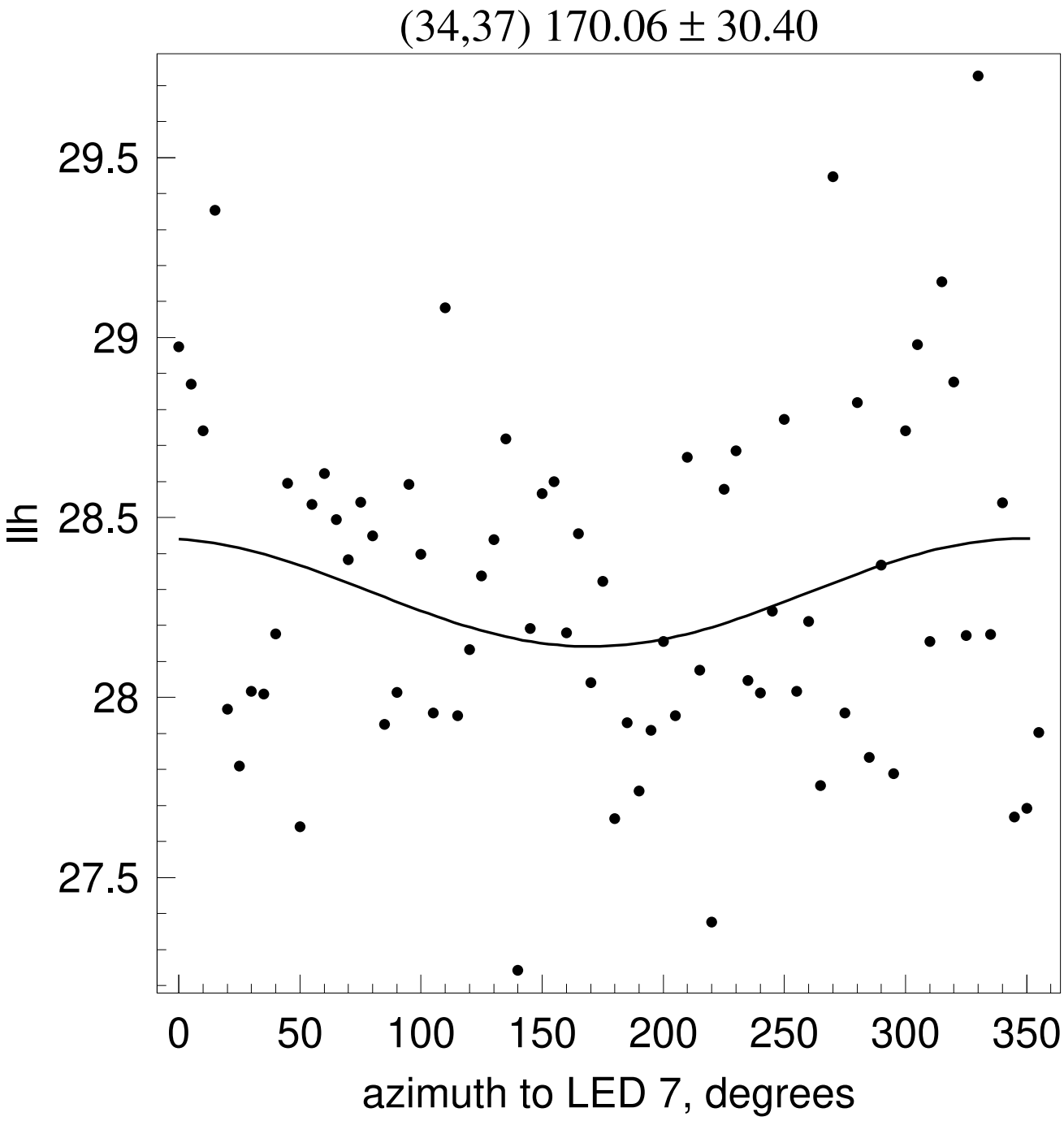

(34,32) 277.93 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

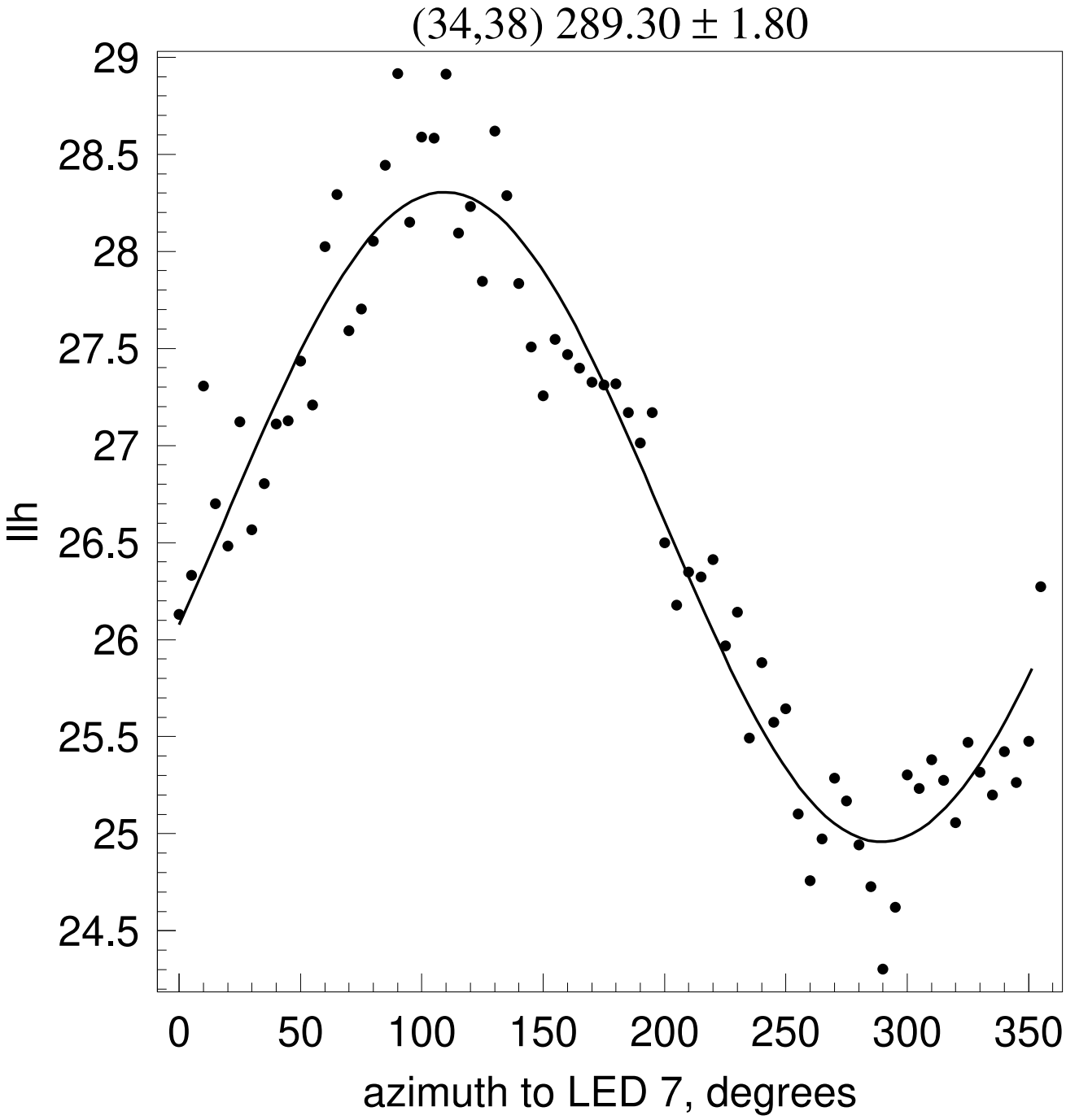

(34,33) 344.06 ± 0.11
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

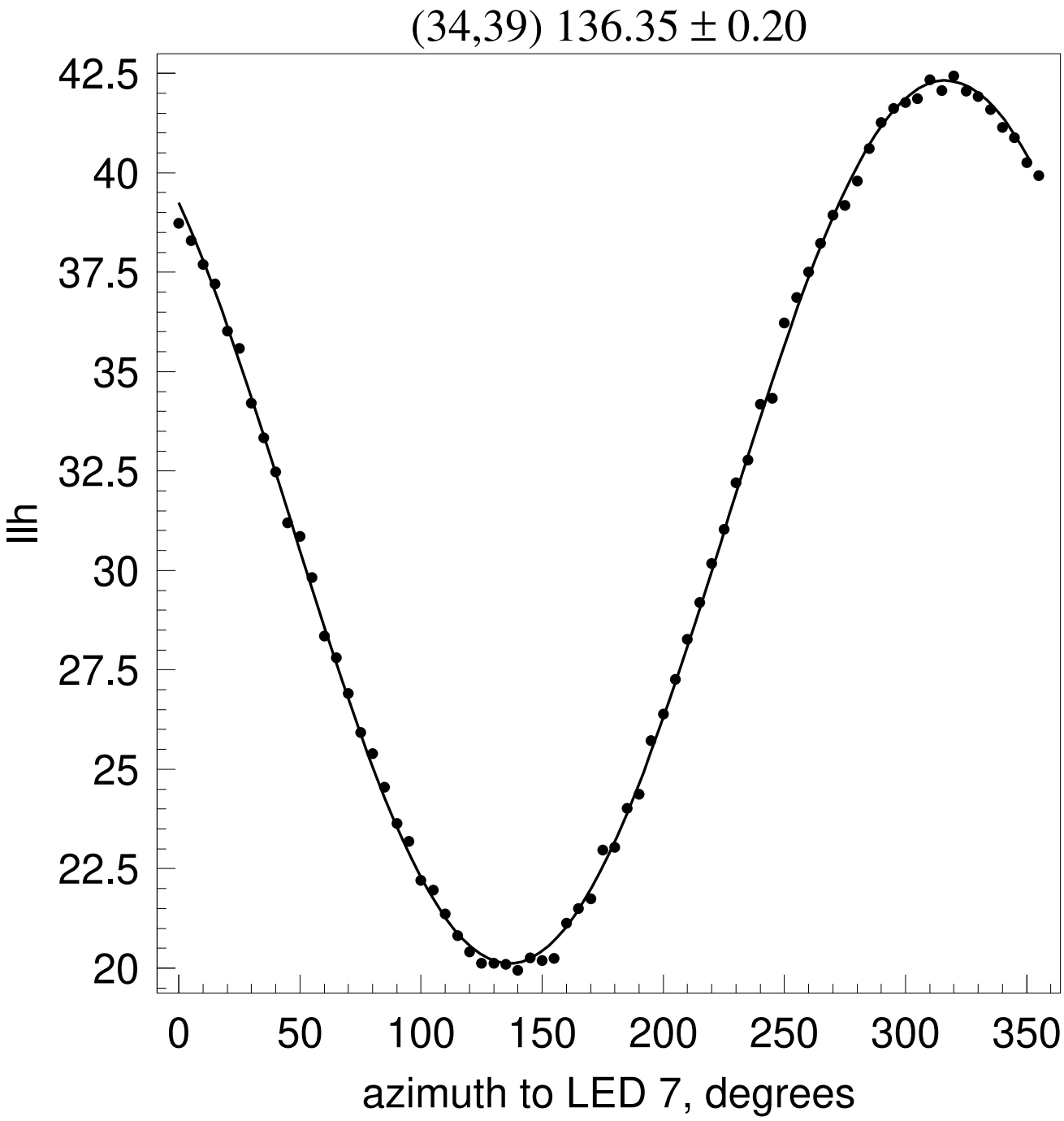

(34,34) 115.08 ± 0.31
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

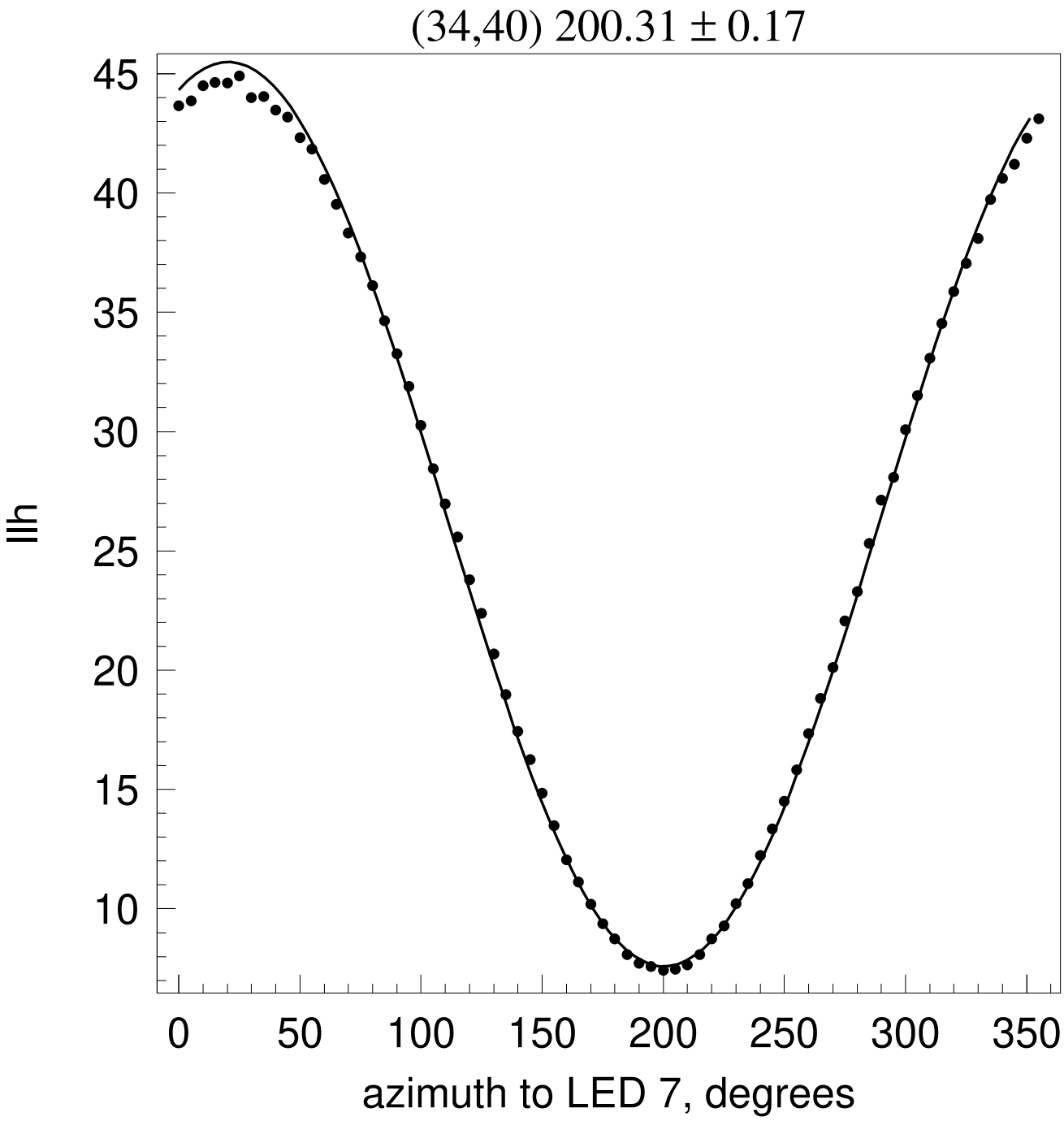

(34,35) 256.53 ± 0.42
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

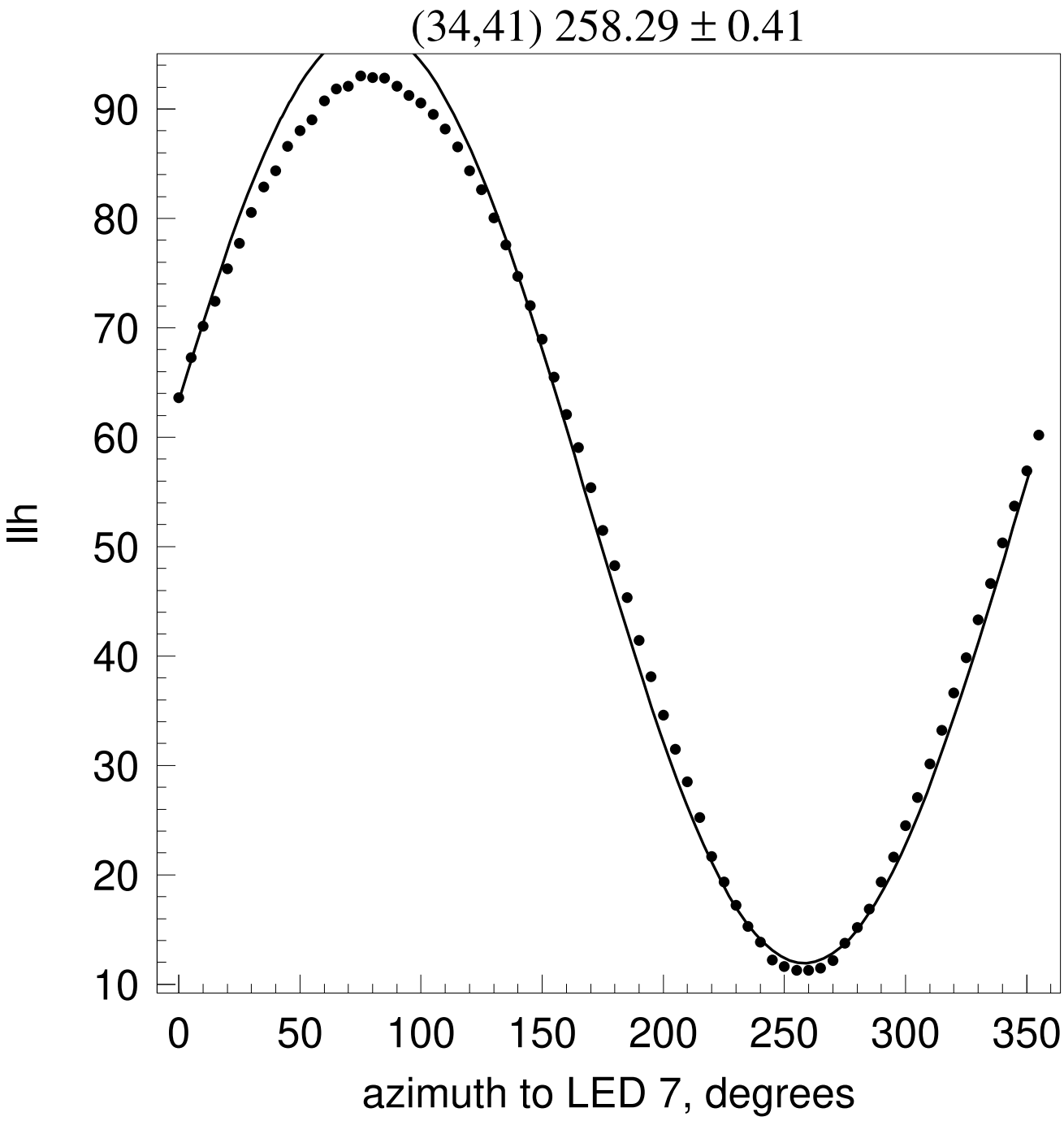

(34,36) 107.07 ± 1.28
29
28
27
26
25
24
23
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

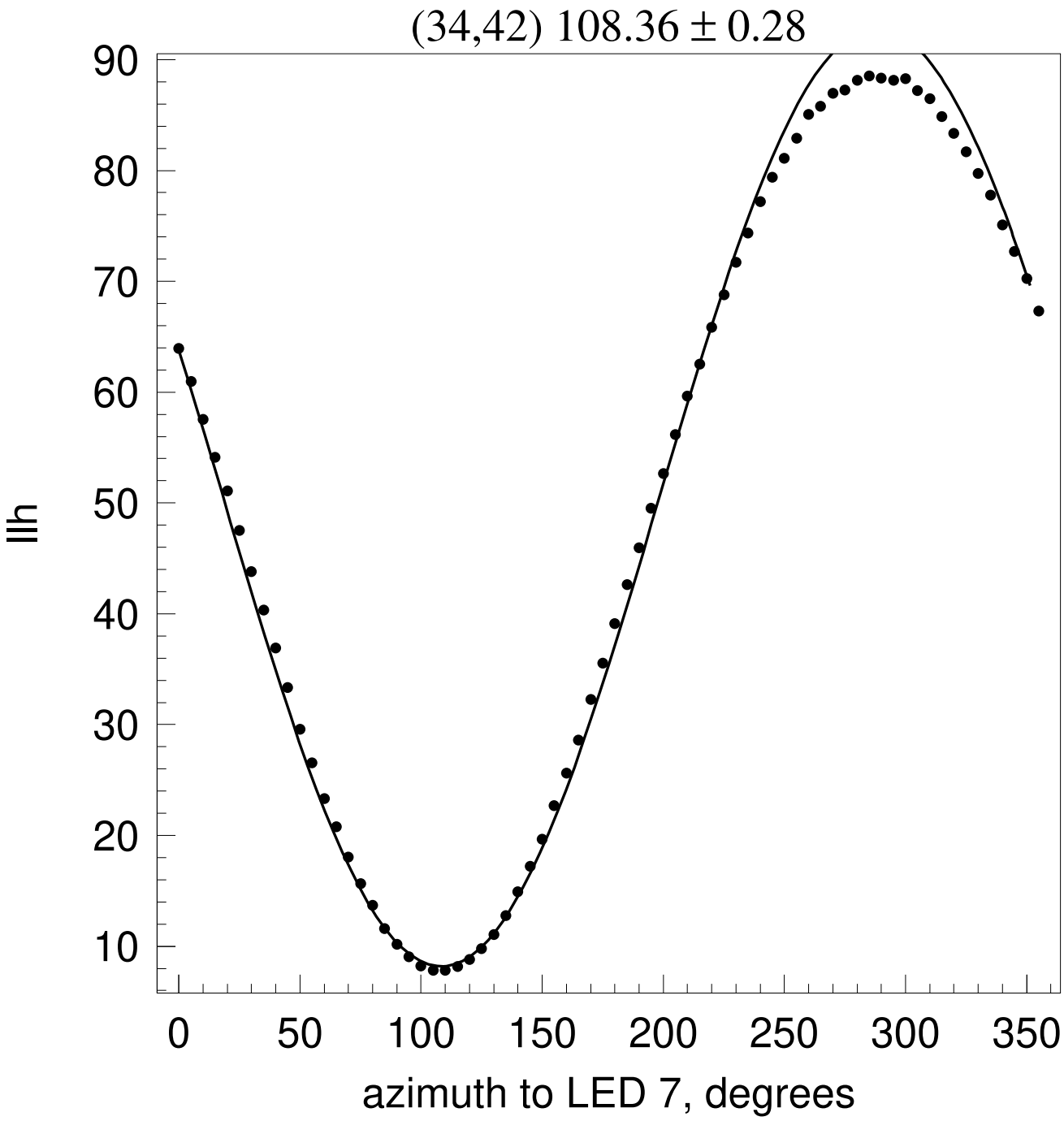

(34,37) 170.06 ± 30.40
29.5
29
28.5
28
27.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

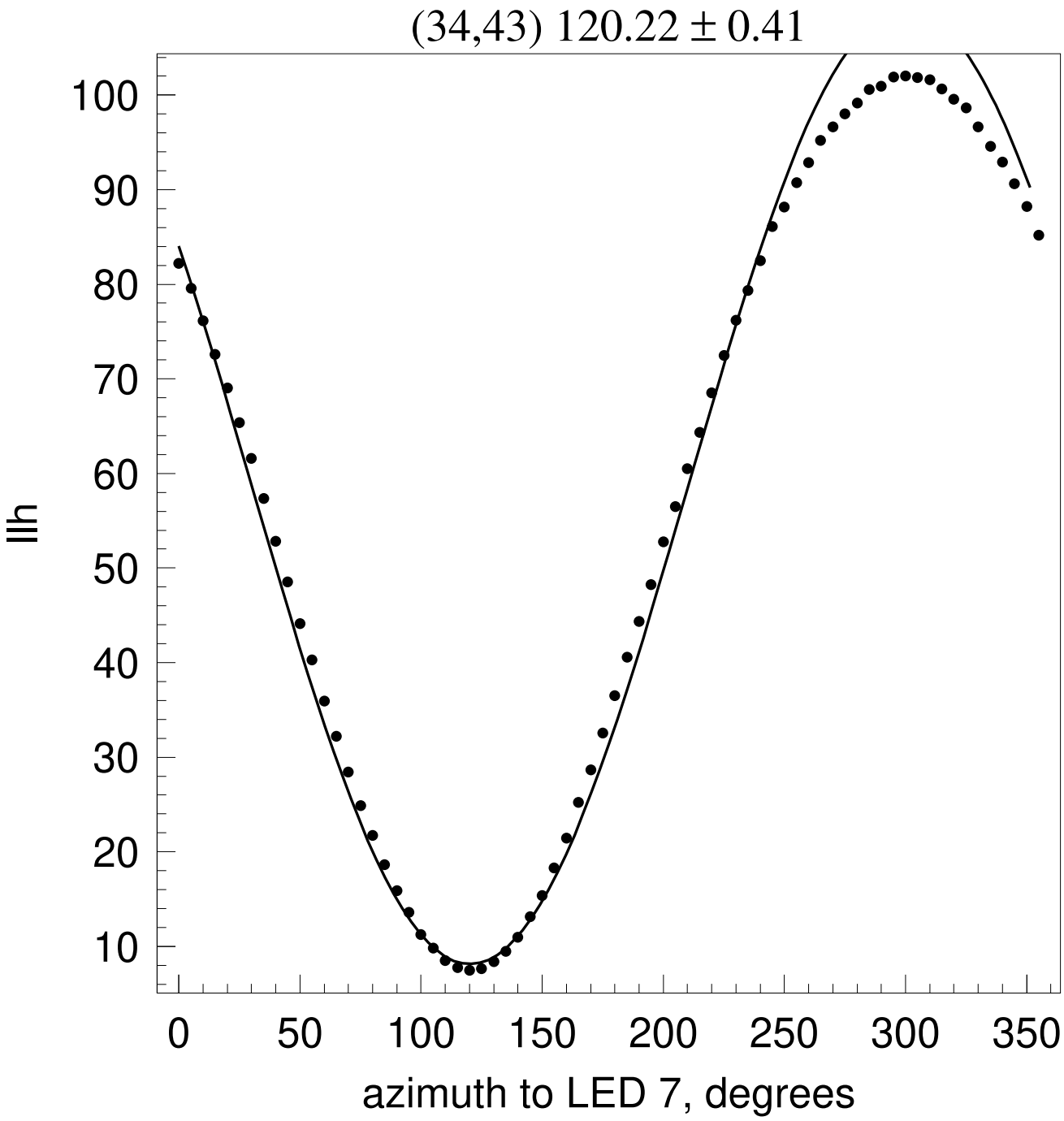

(34,38) 289.30 ± 1.80
29
28.5
28
27.5
27
26.5
26
25.5
25
24.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

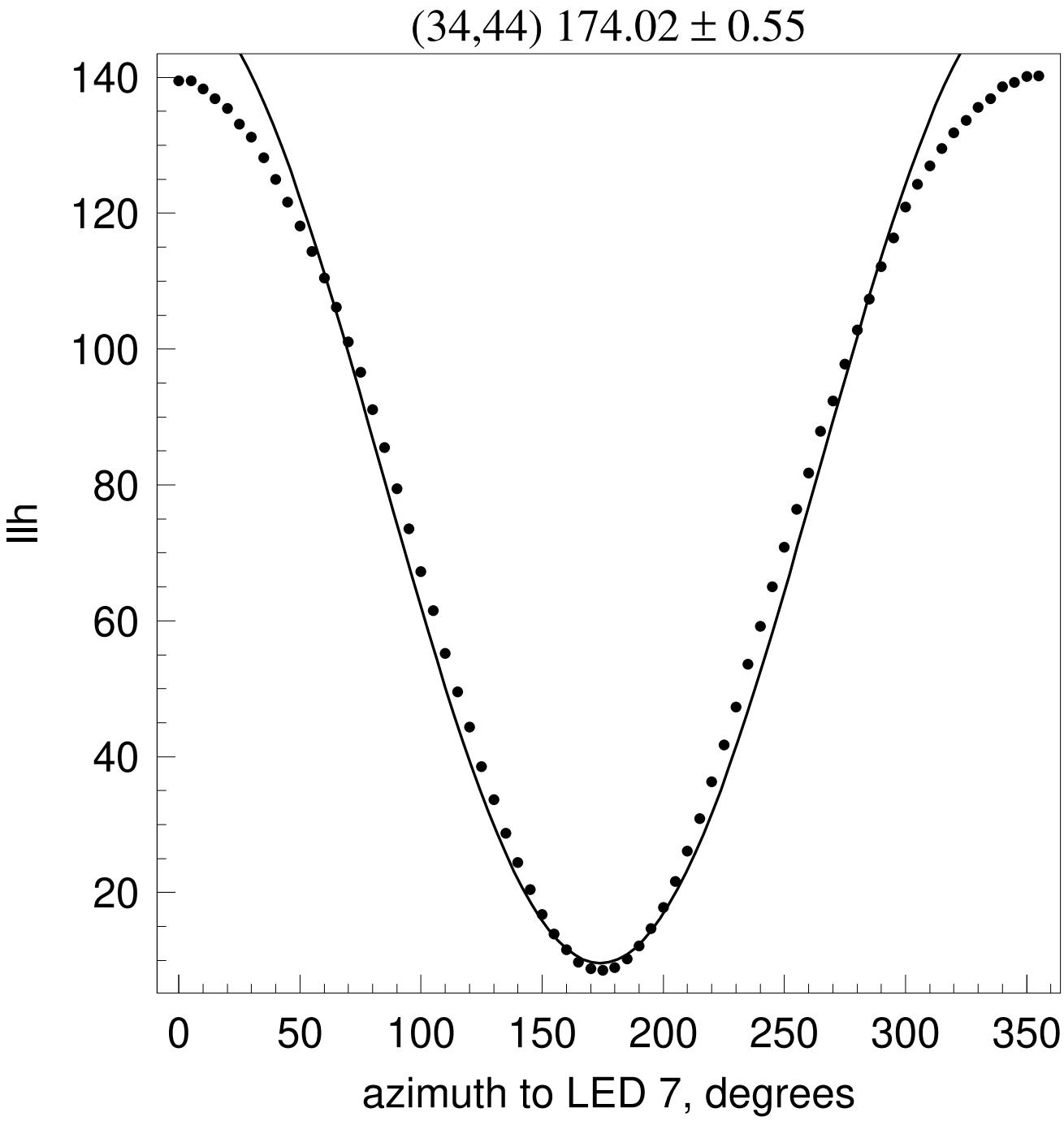

(34,39) 136.35 ± 0.20
42.5
40
37.5
35
32.5
30
27.5
25
22.5
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

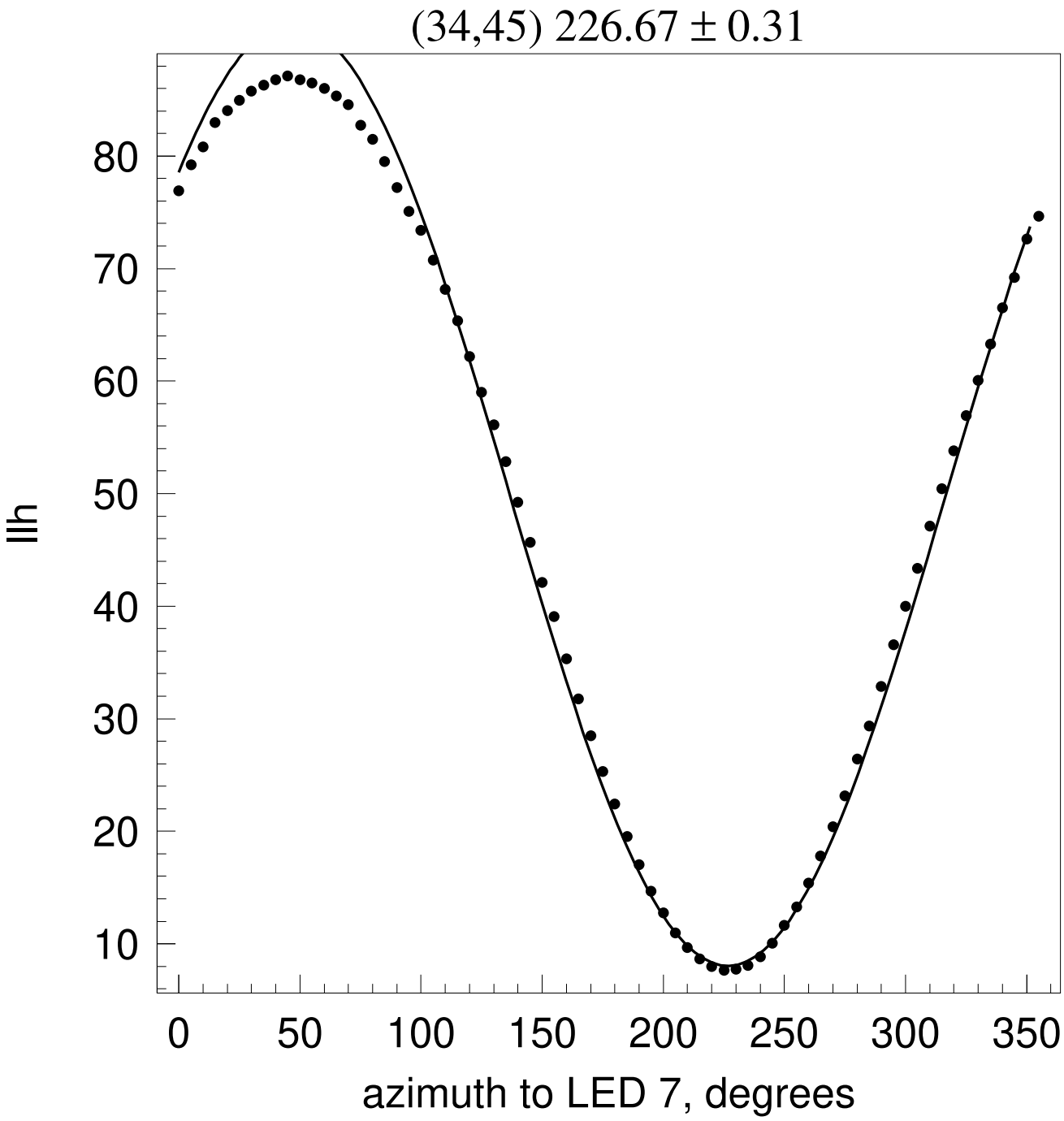

(34,40) 200.31 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

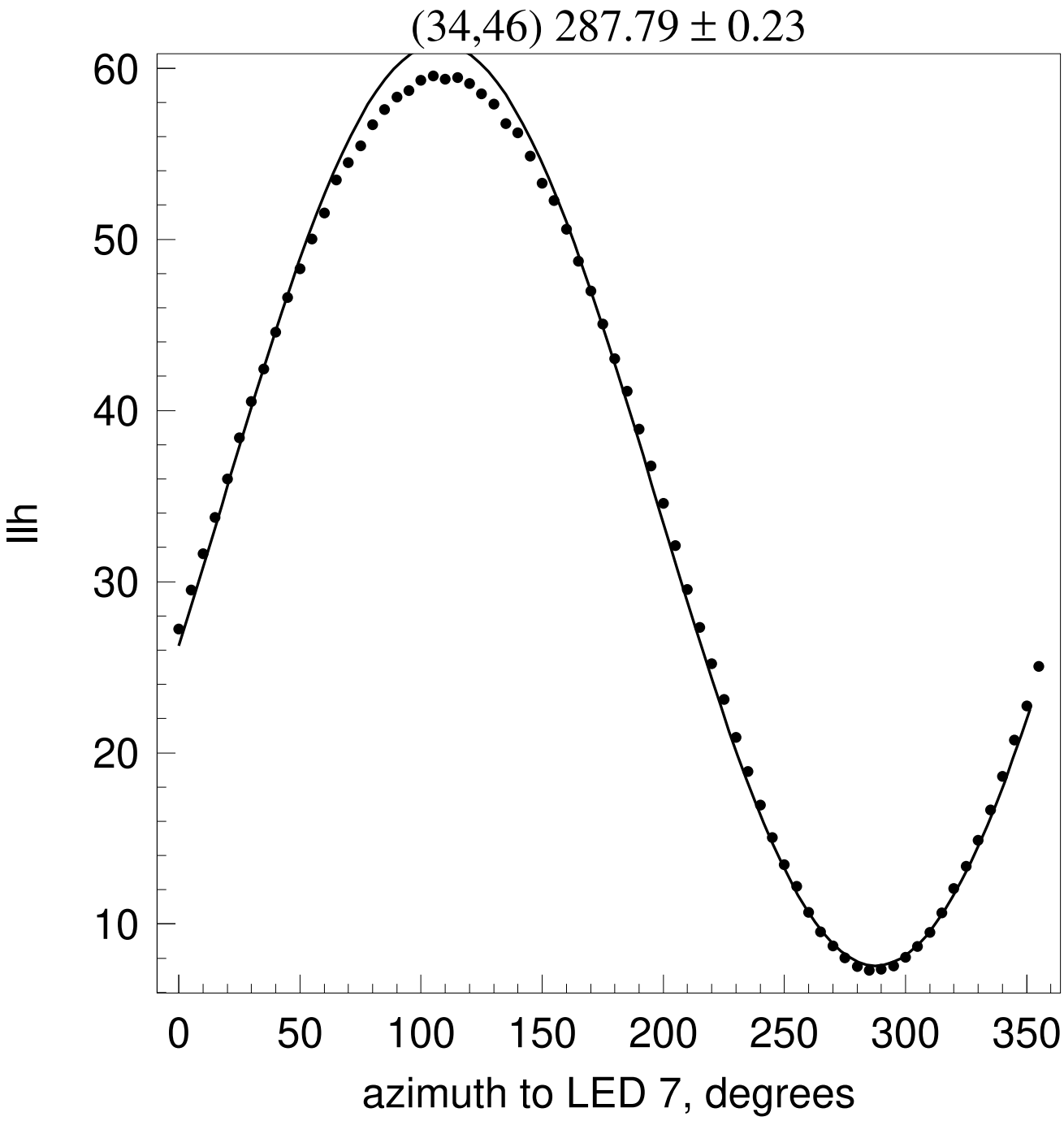

(34,41) 258.29 ± 0.41
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

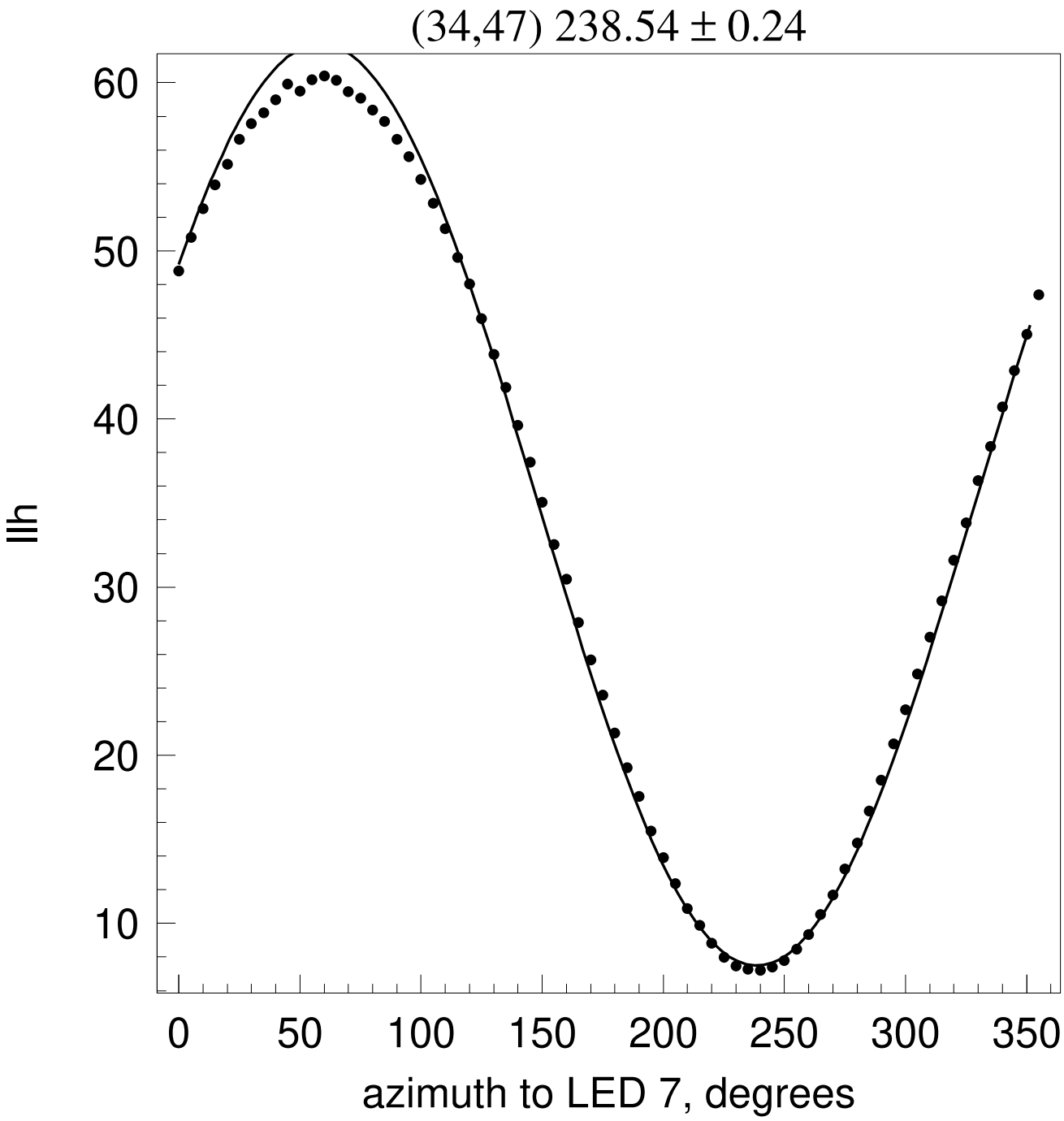

(34,42) 108.36 ± 0.28
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

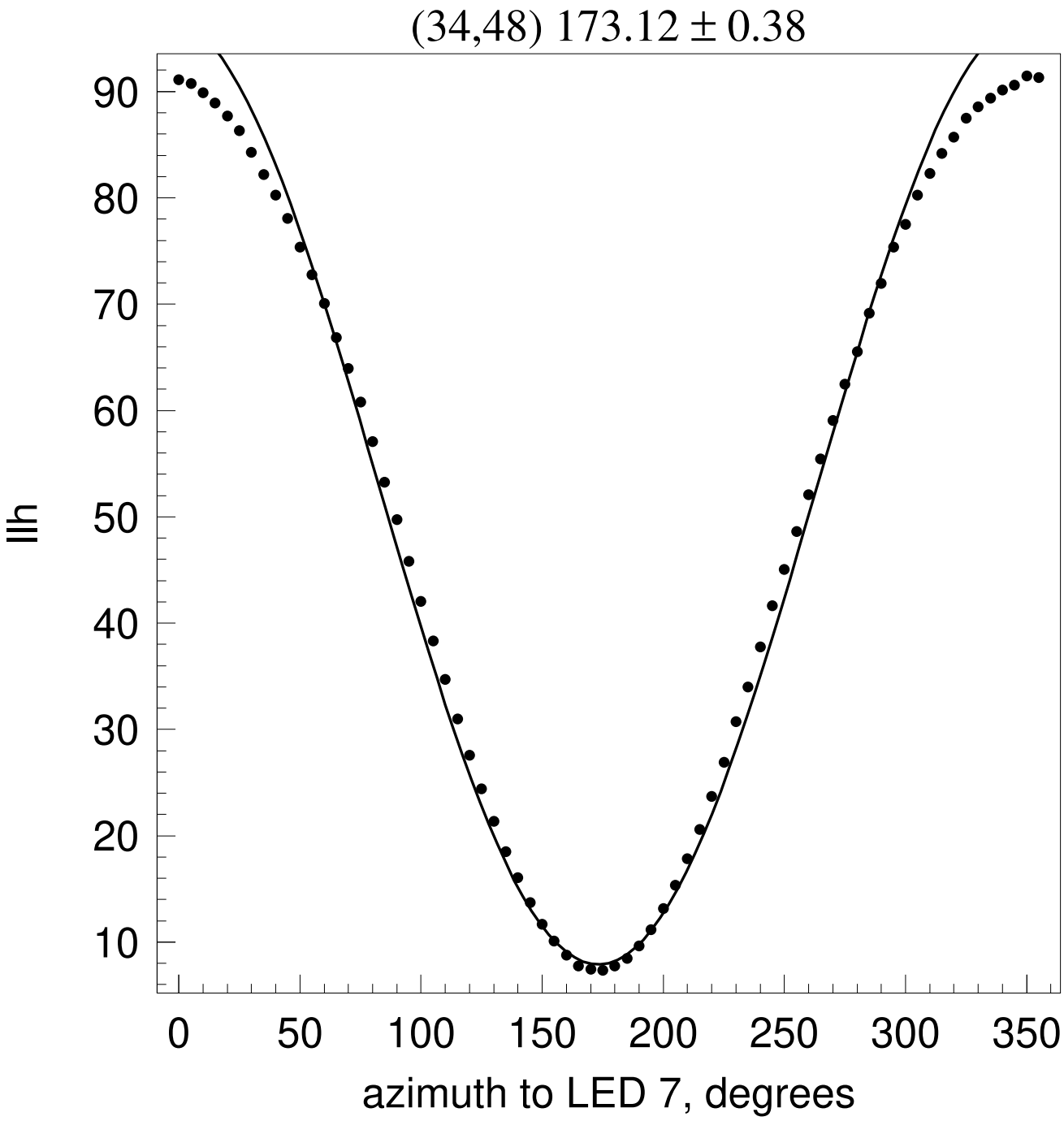

(34,43) 120.22 ± 0.41
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

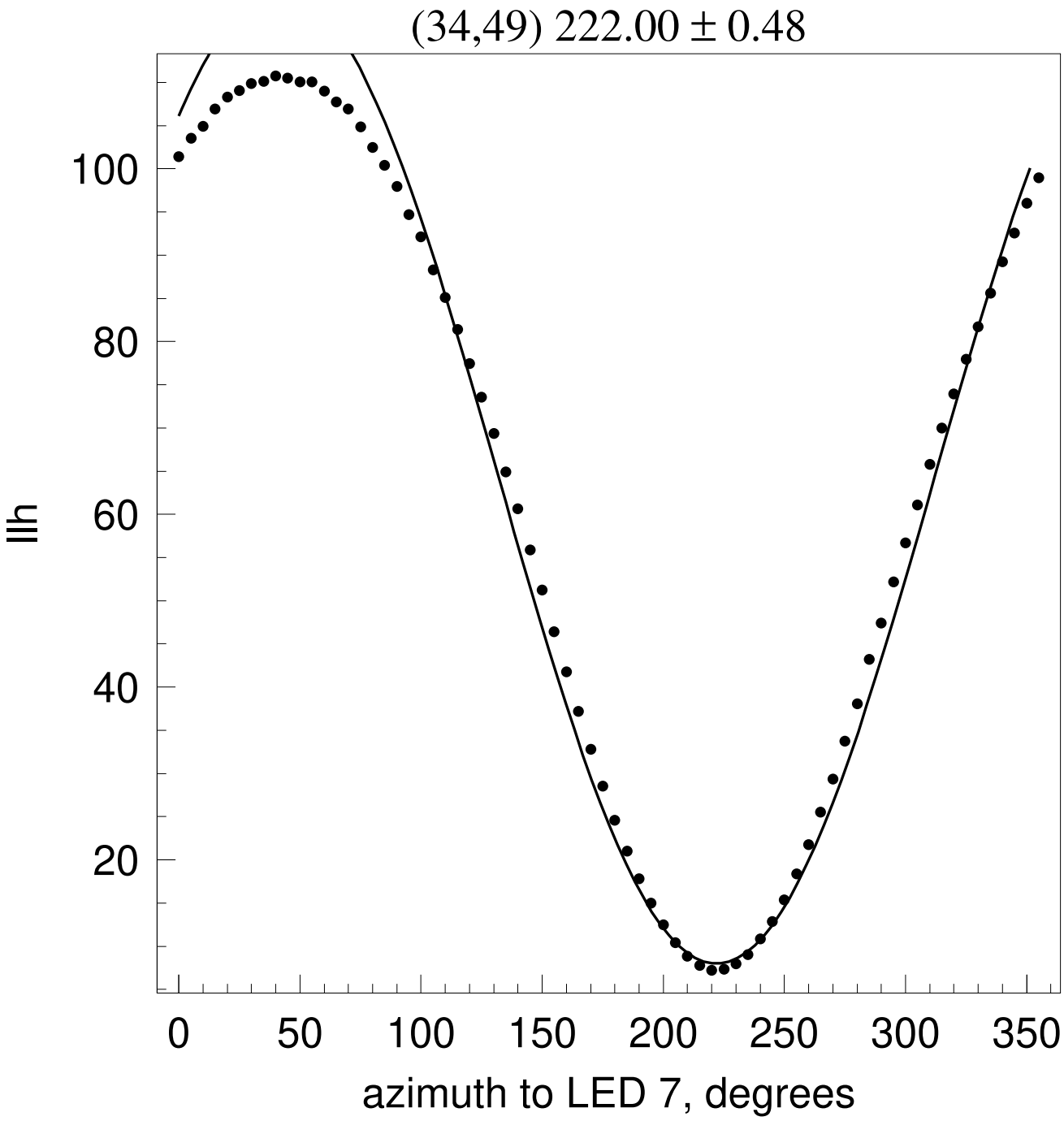

(34,44) 174.02 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

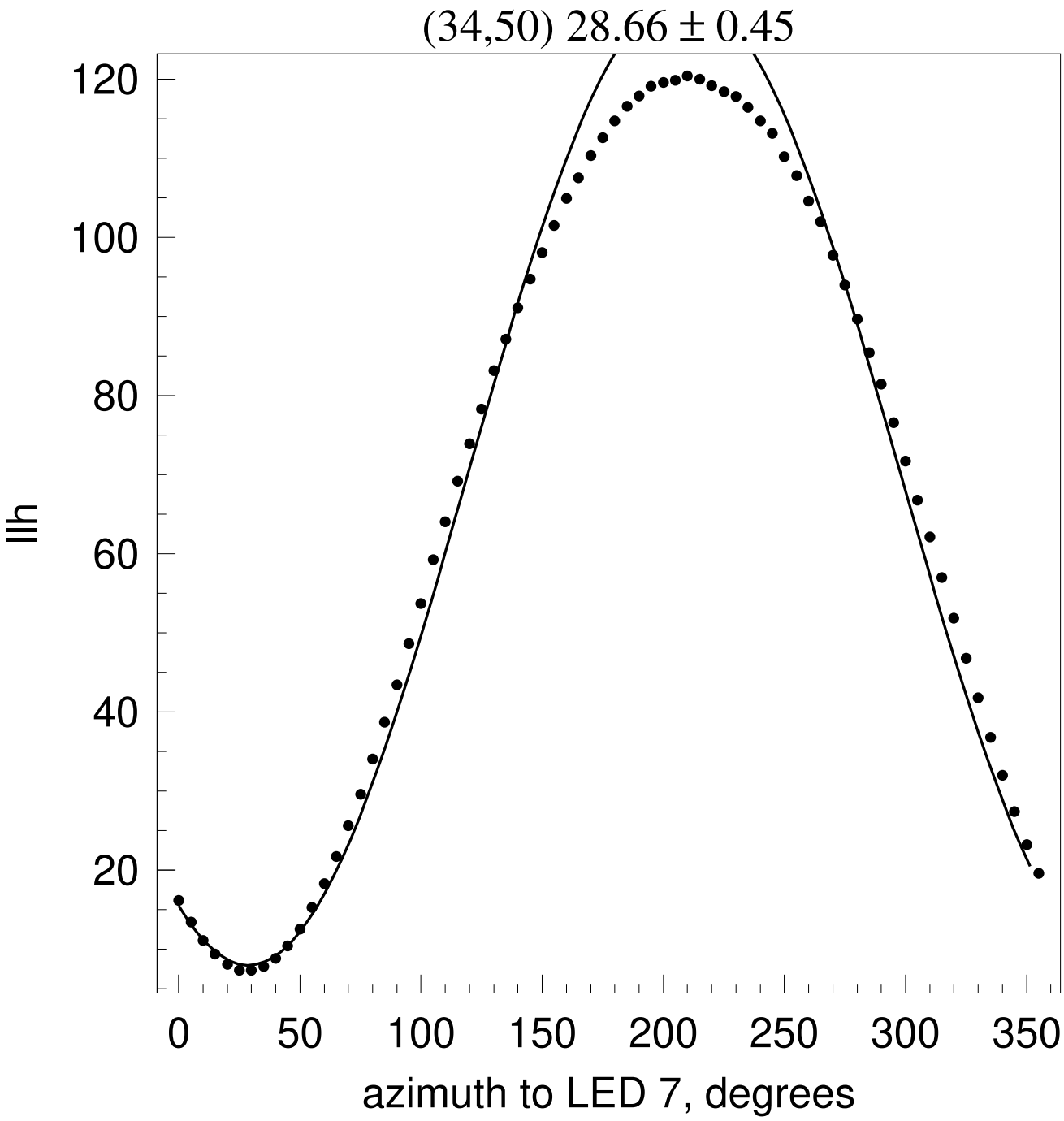

(34,45) 226.67 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

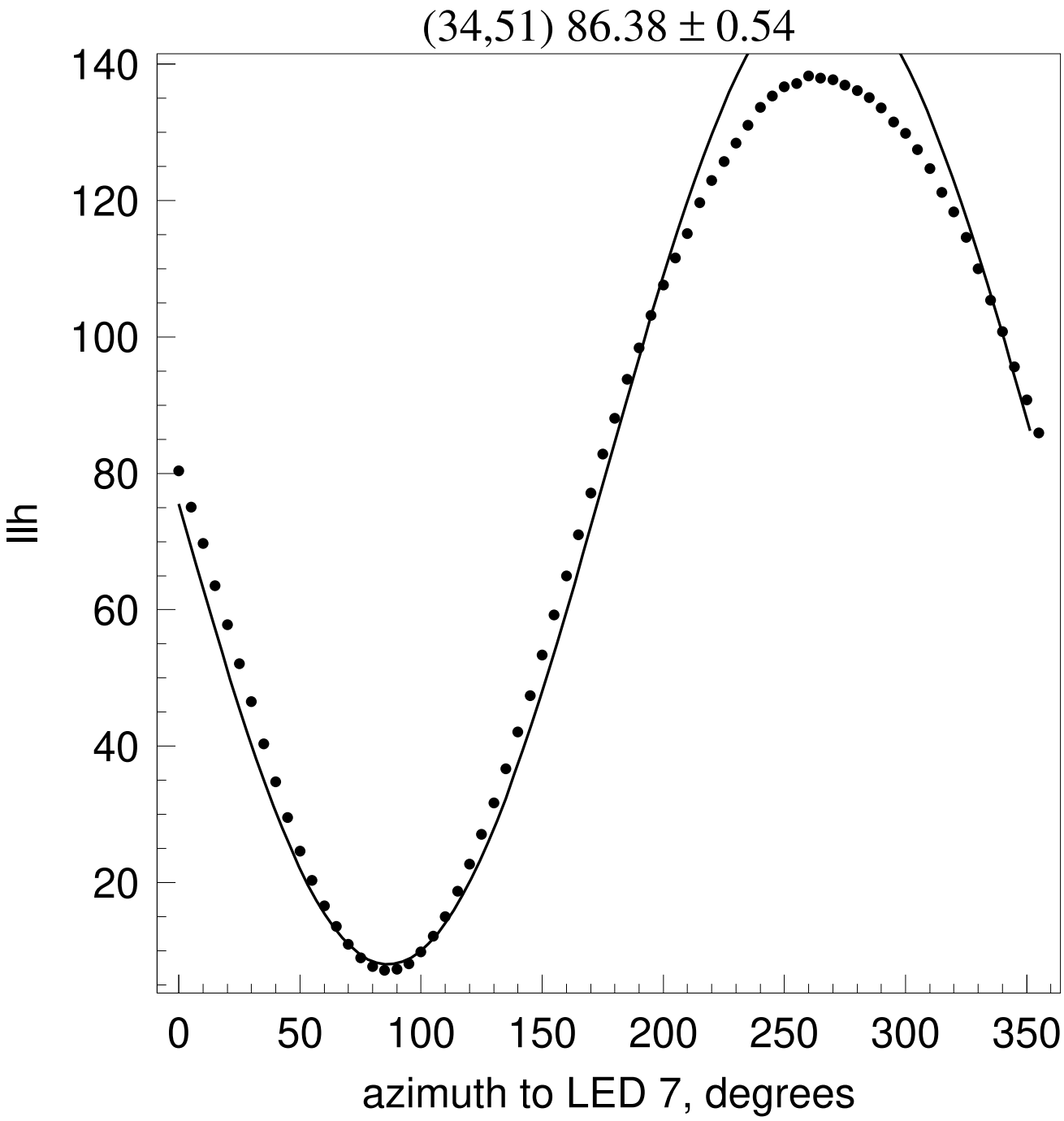

(34,46) 287.79 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

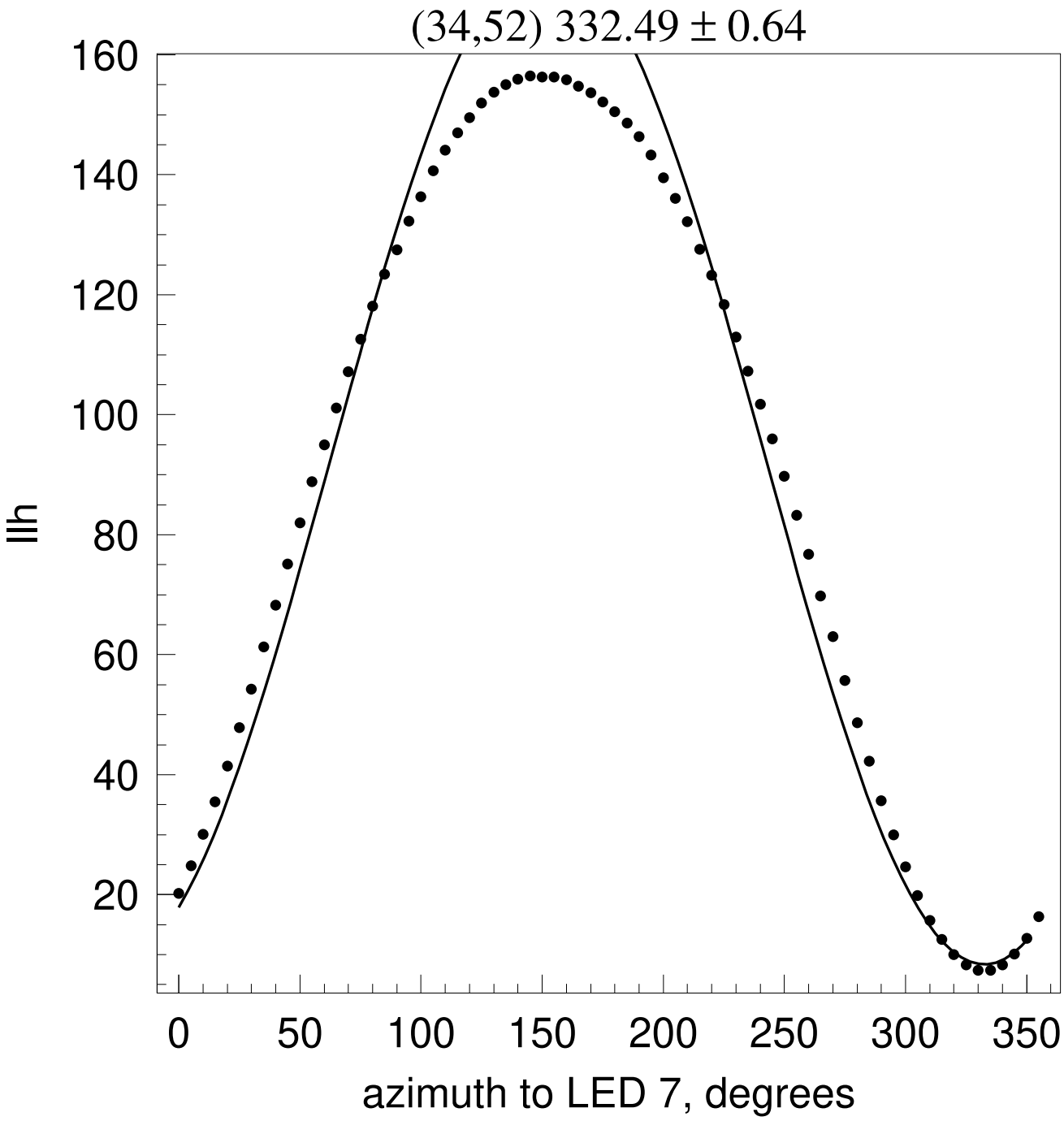

(34,47) 238.54 ± 0.24
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

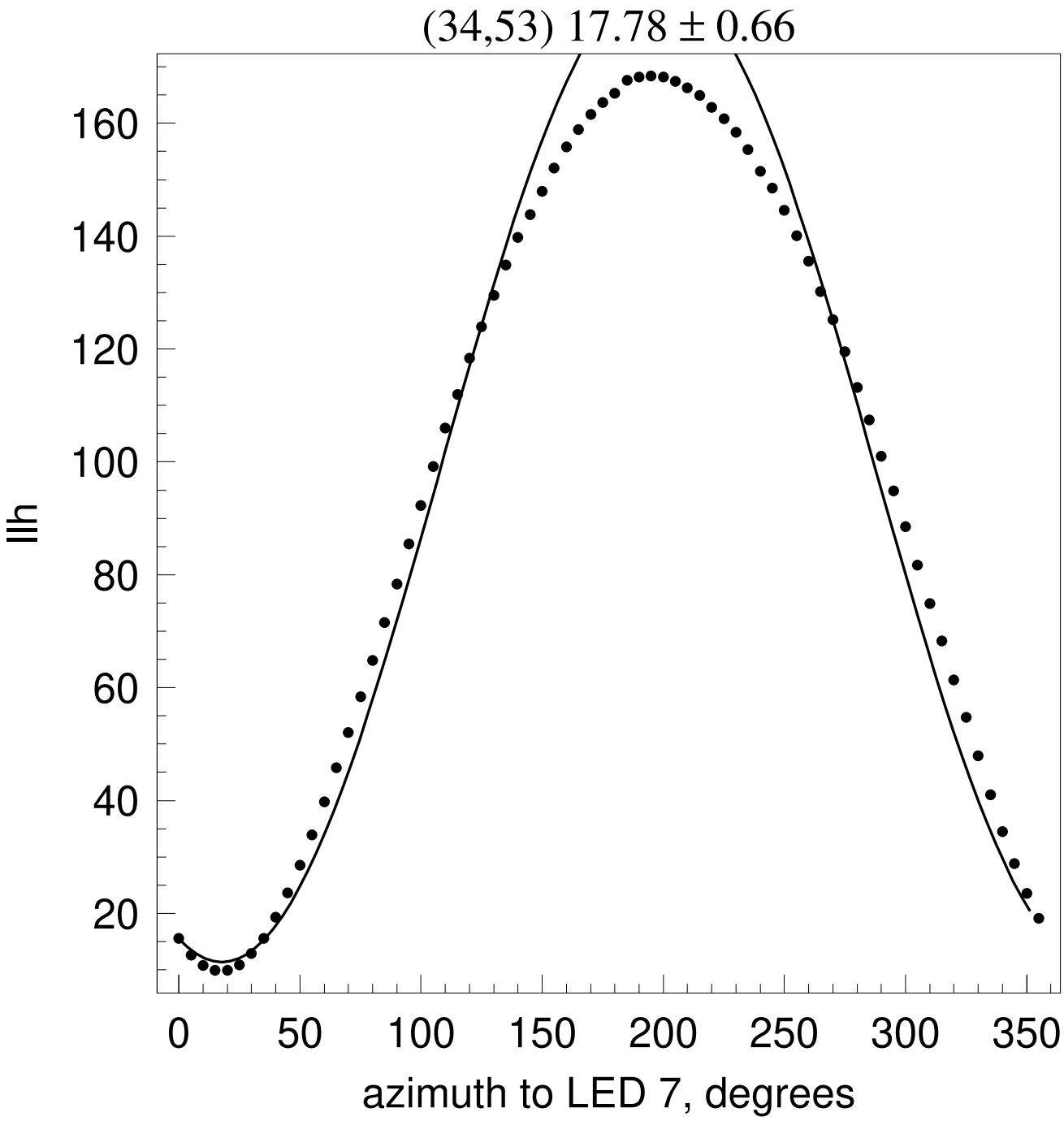

(34,48) 173.12 ± 0.38
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

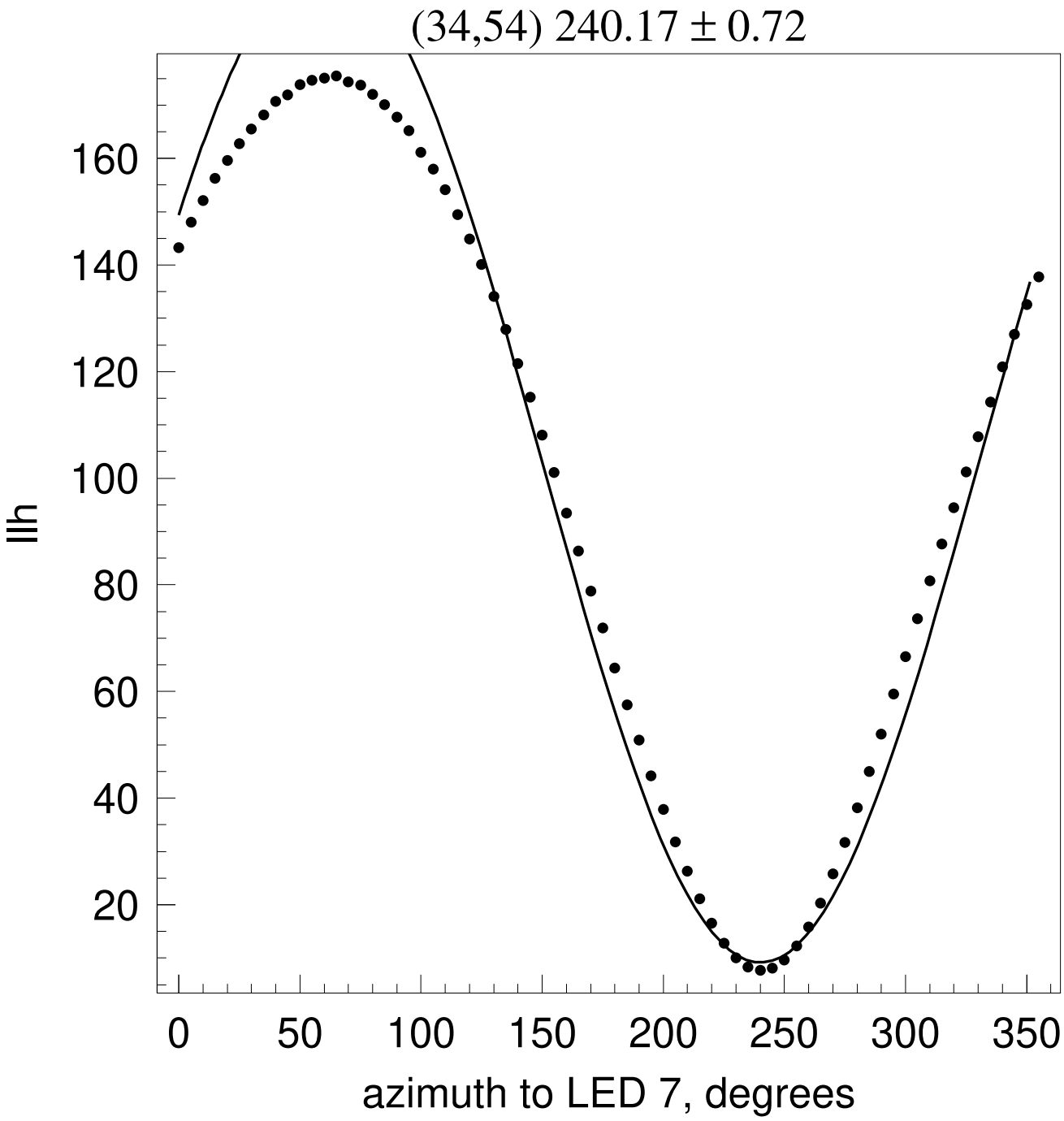

(34,49) 222.00 ± 0.48
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

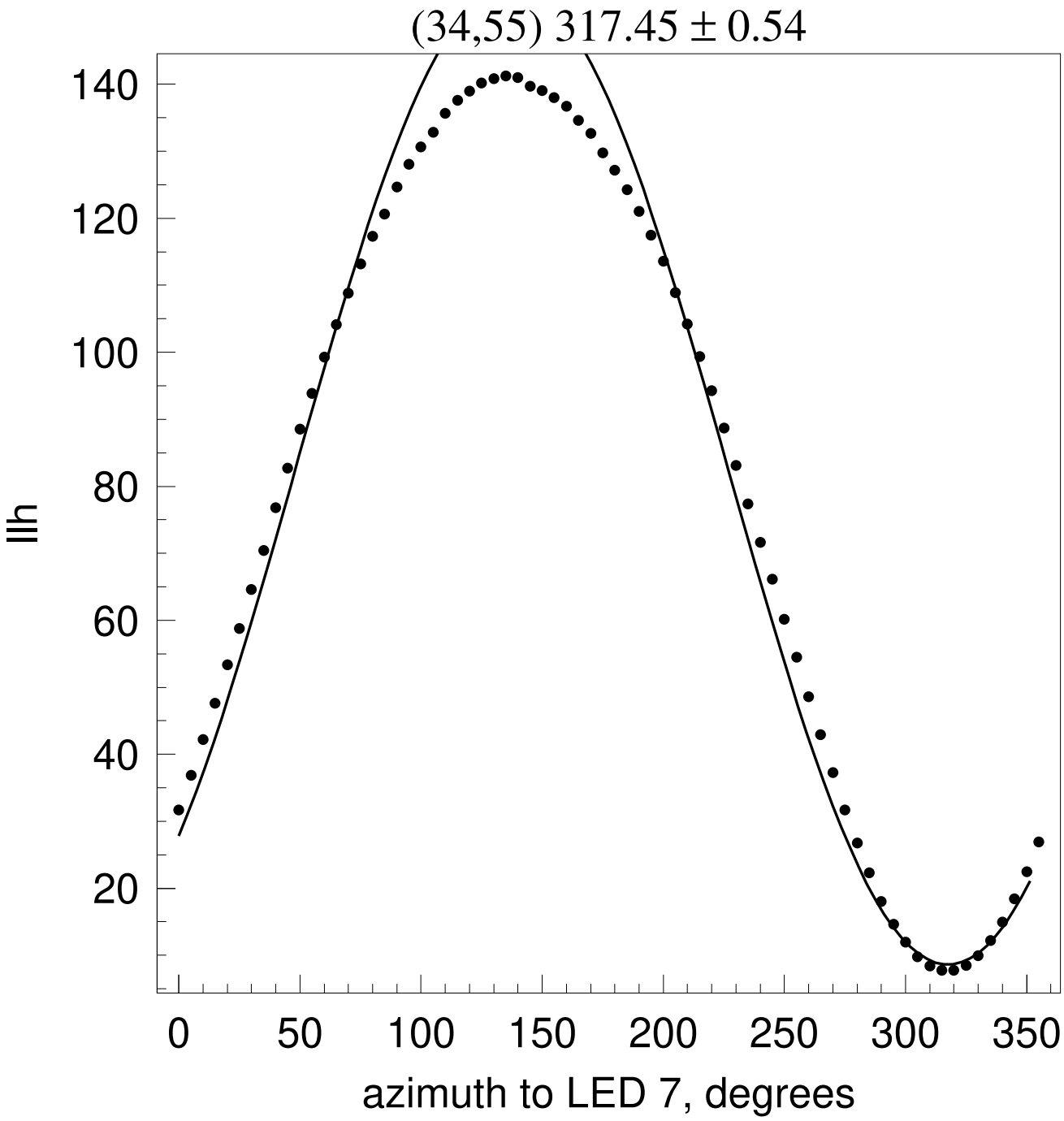

(34,50) 28.66 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

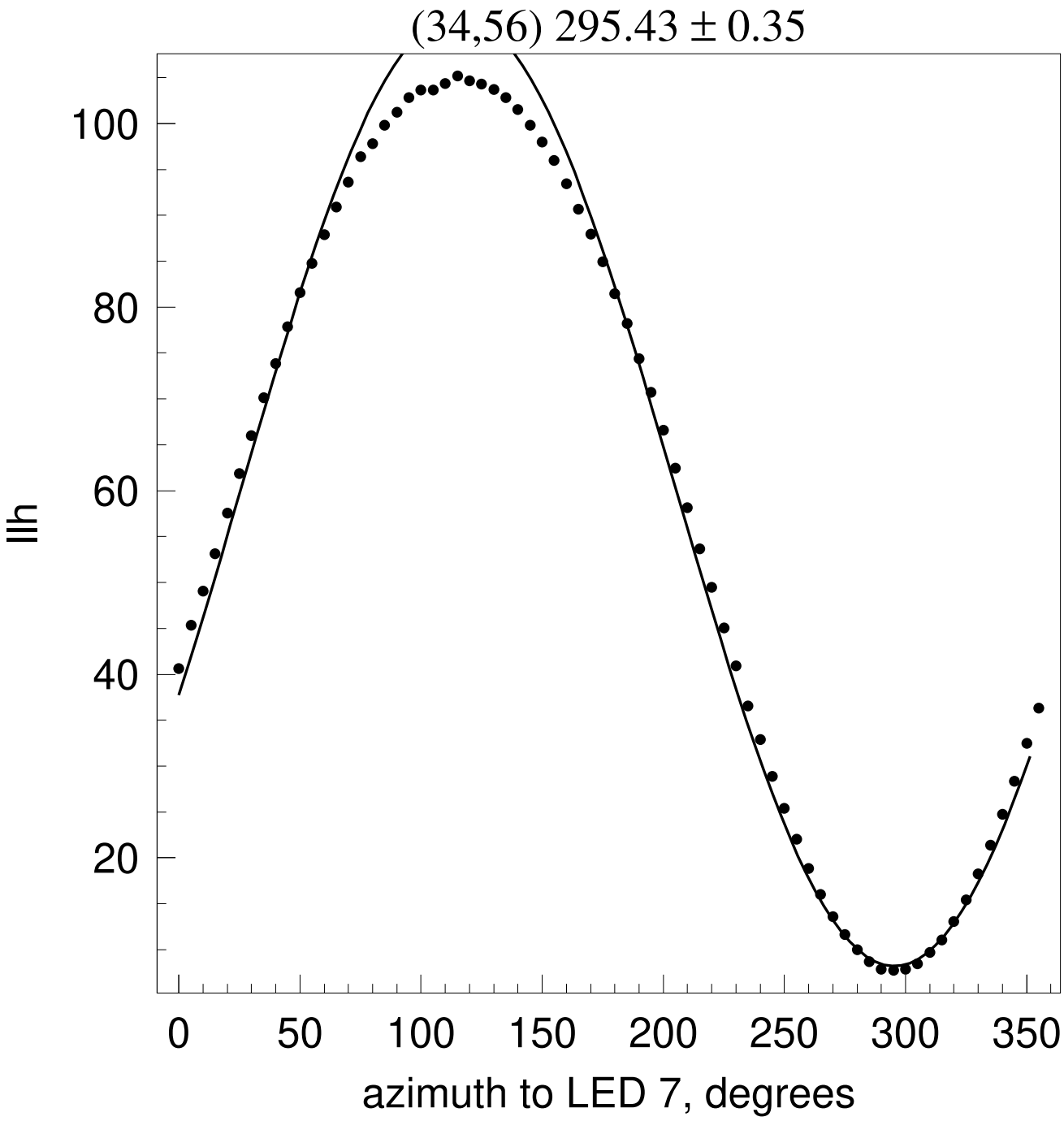

(34,51) 86.38 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

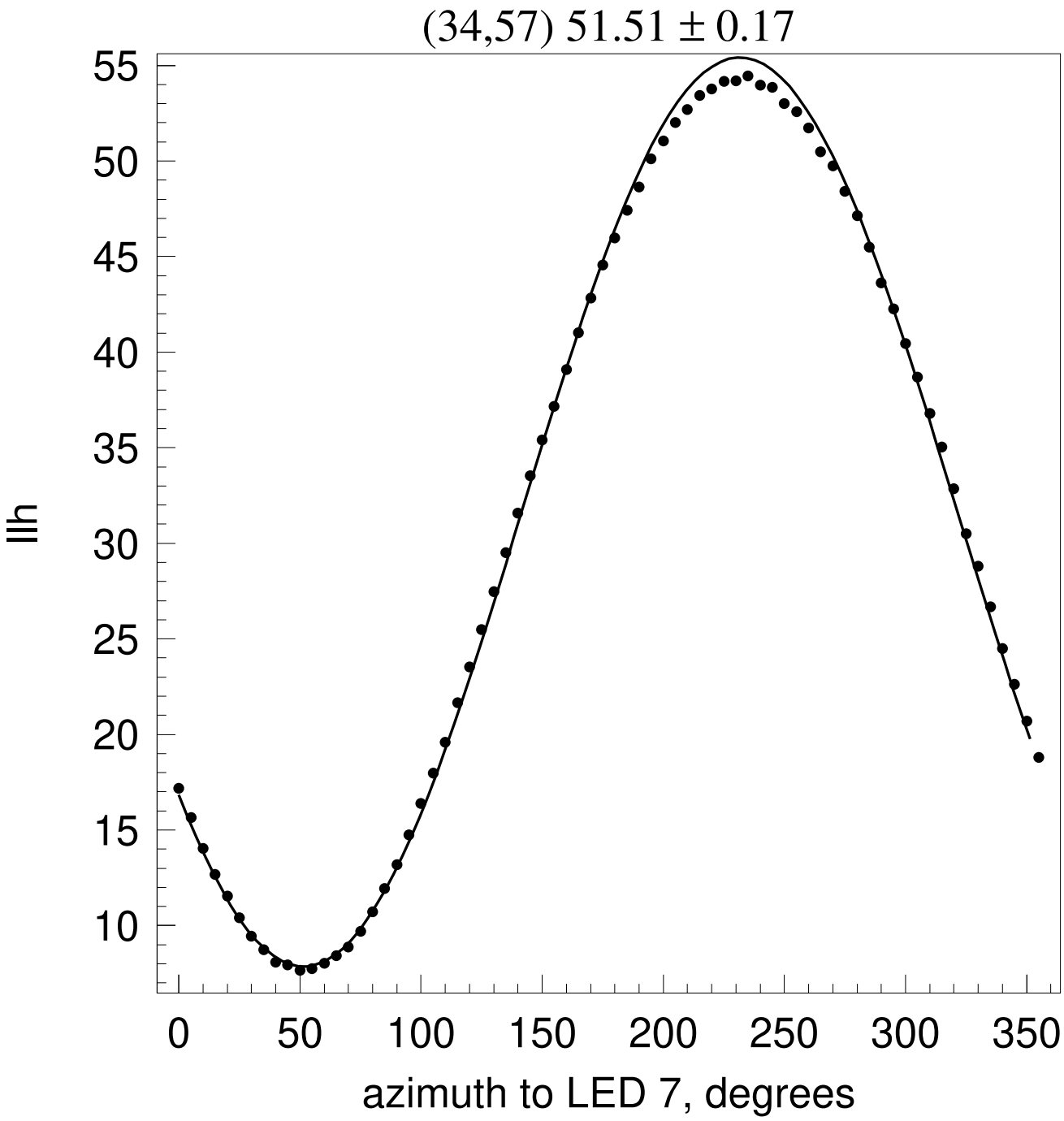

(34,52) 332.49 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

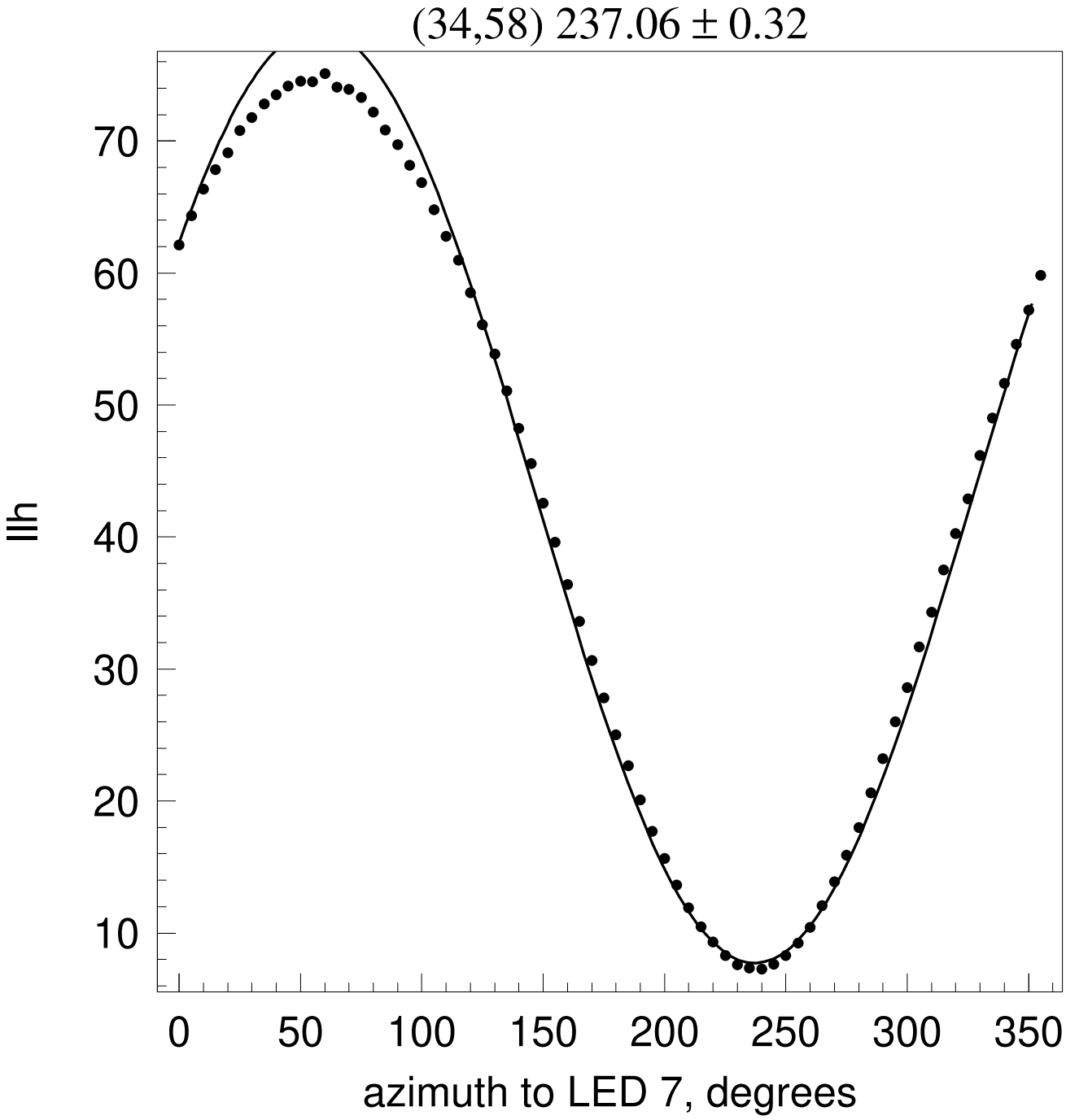

(34,53) 17.78 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

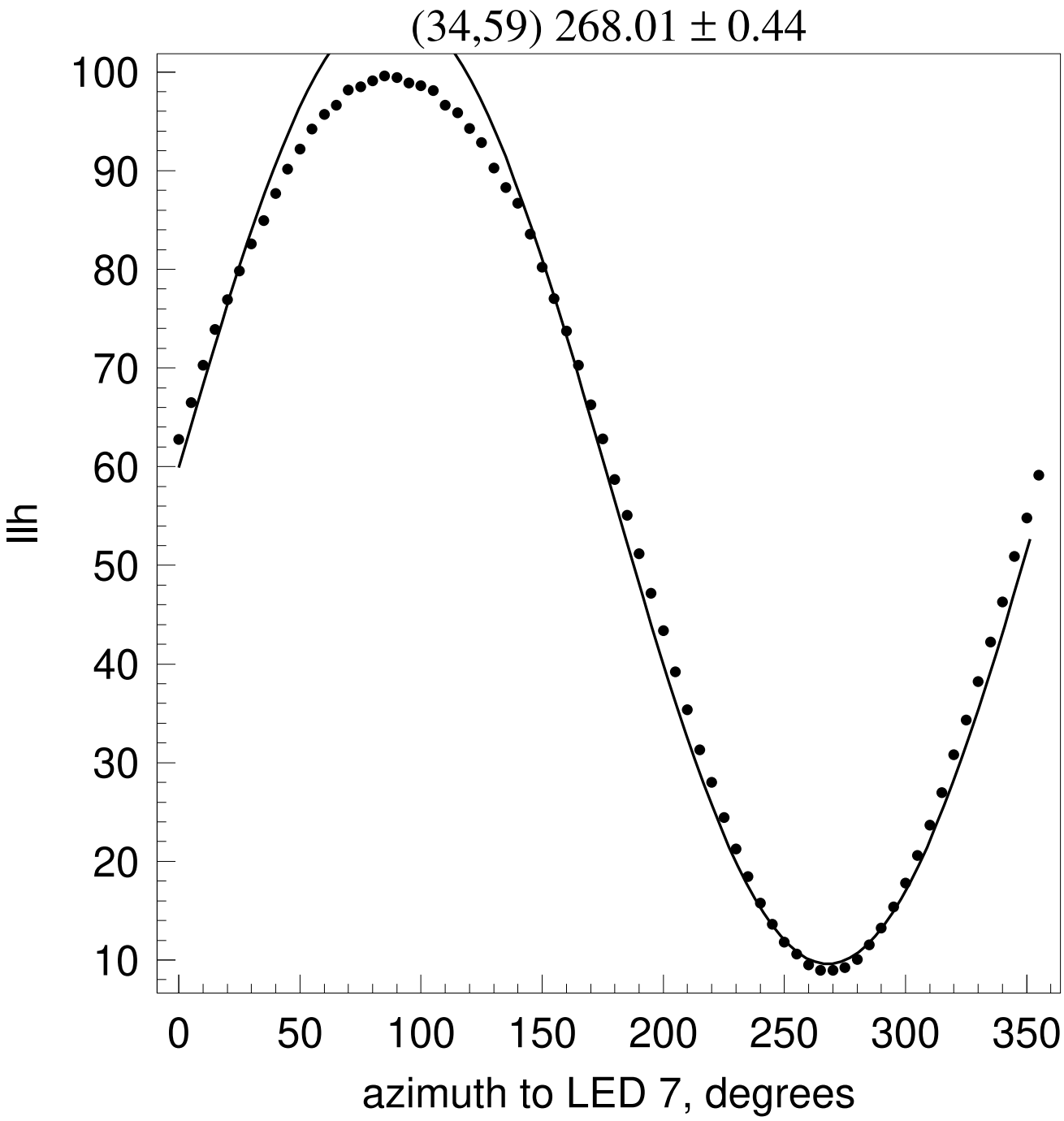

(34,54) 240.17 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

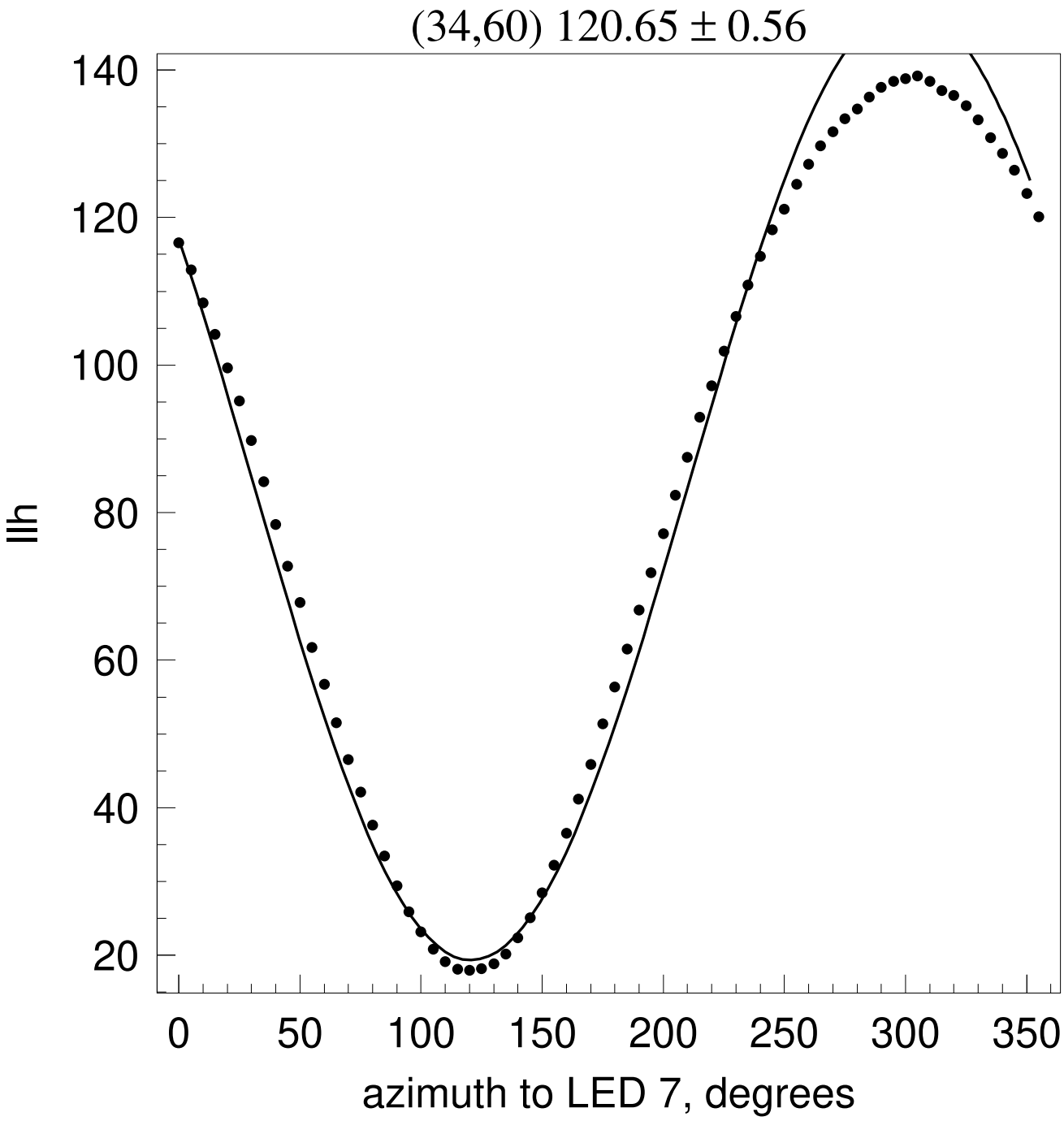

(34,55) 317.45 ± 0.54
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

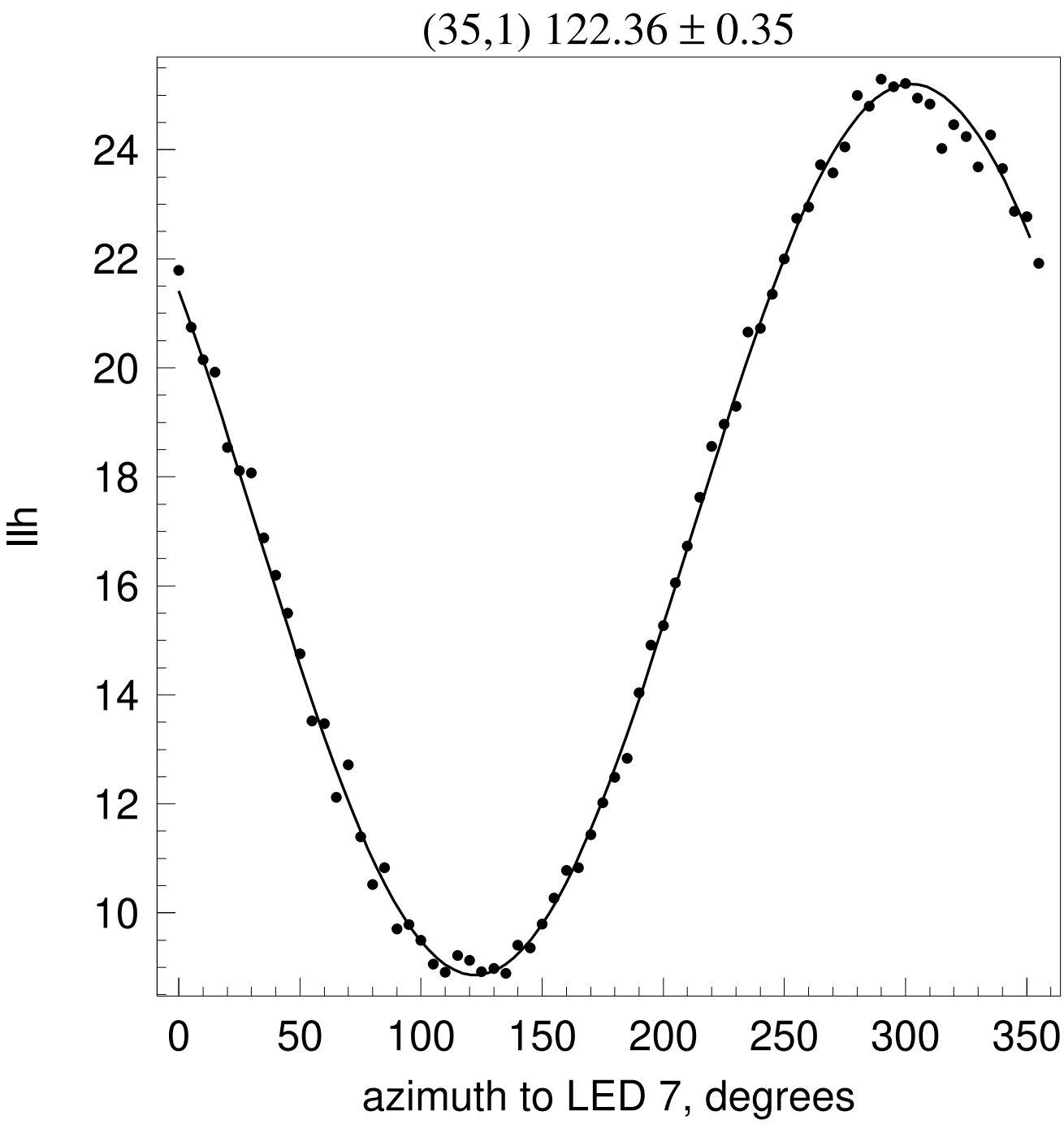

(34,56) 295.43 ± 0.35
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

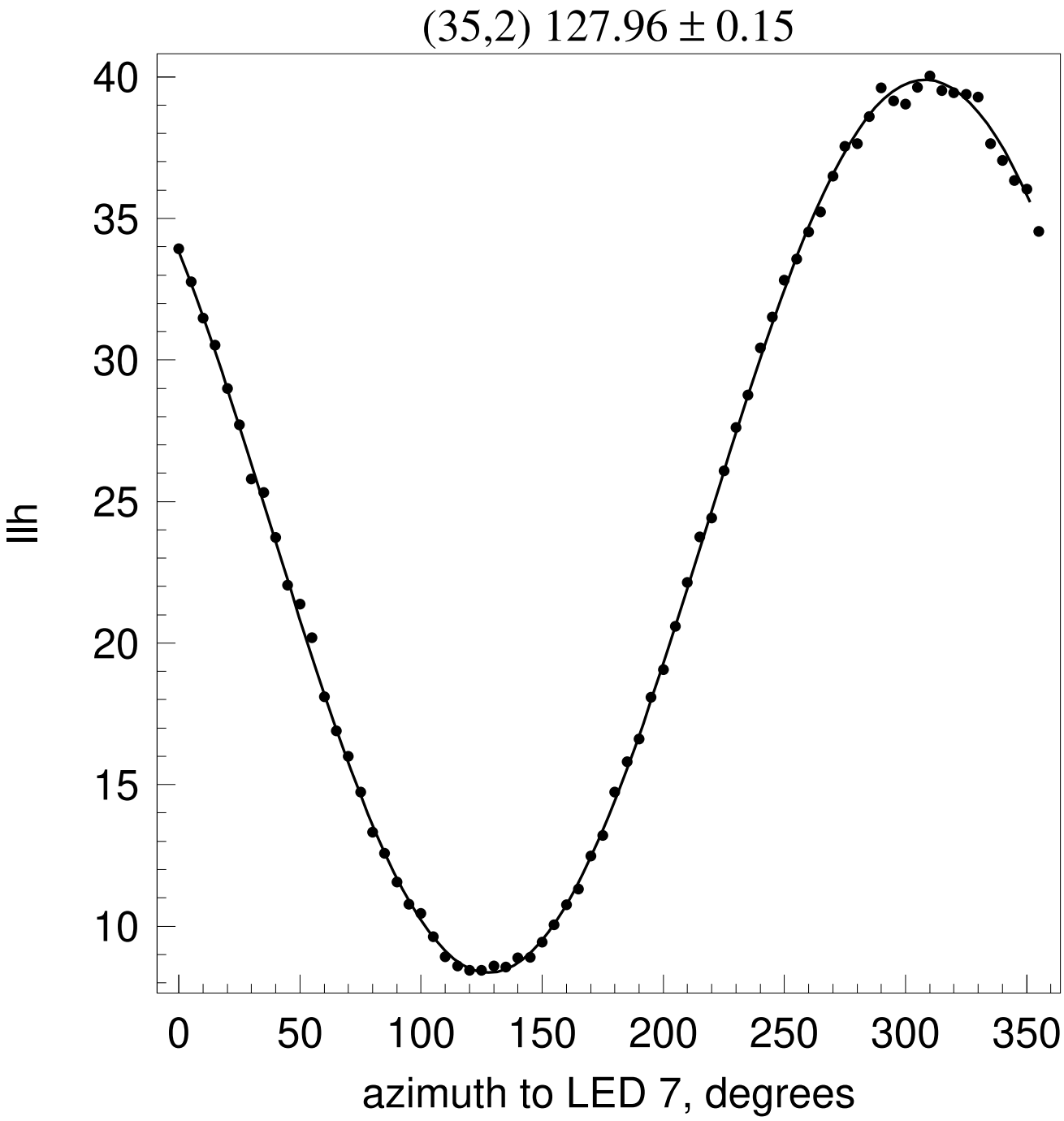

(34,57) 51.51 ± 0.17
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

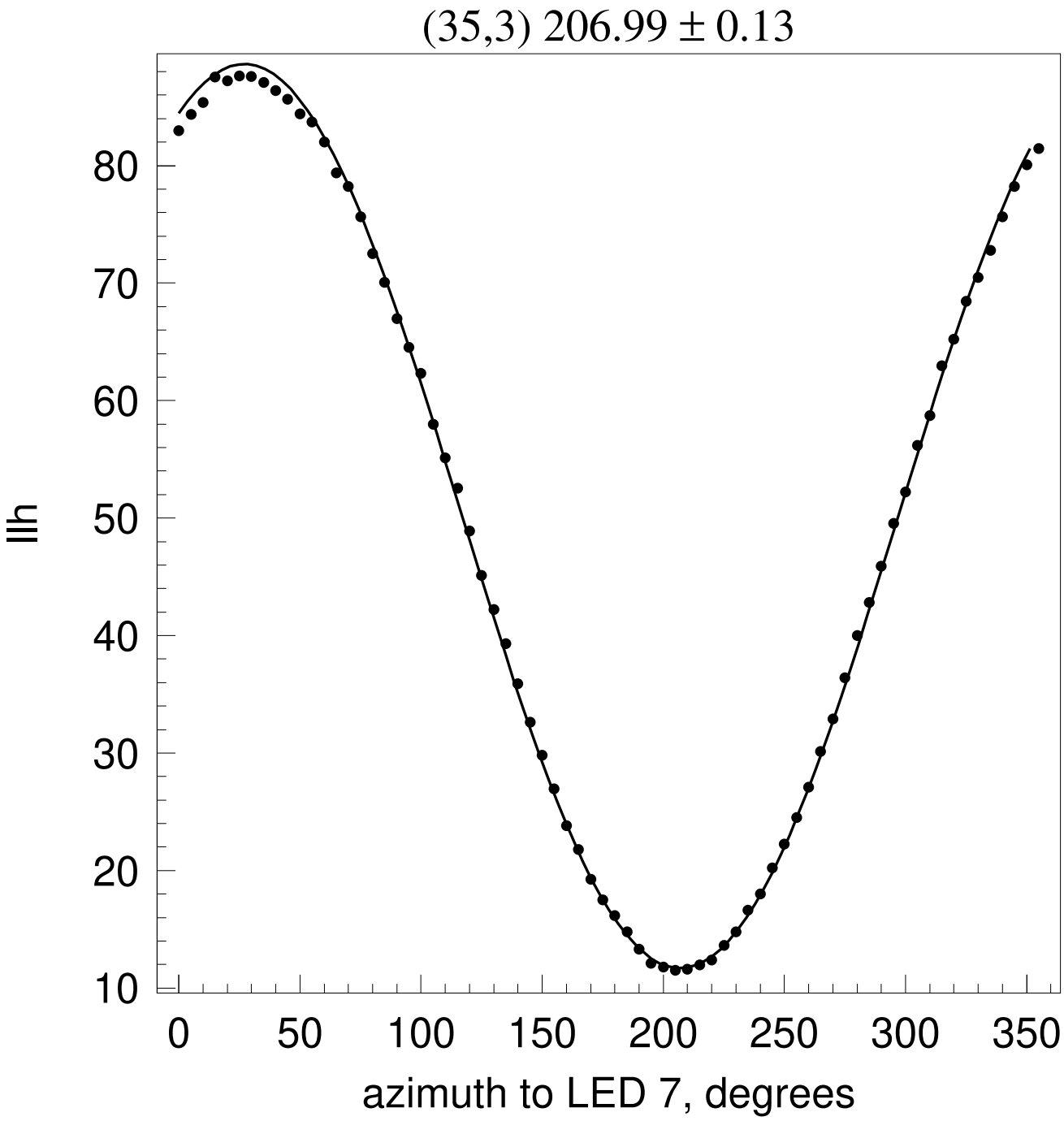

(34,58) 237.06 ± 0.32
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

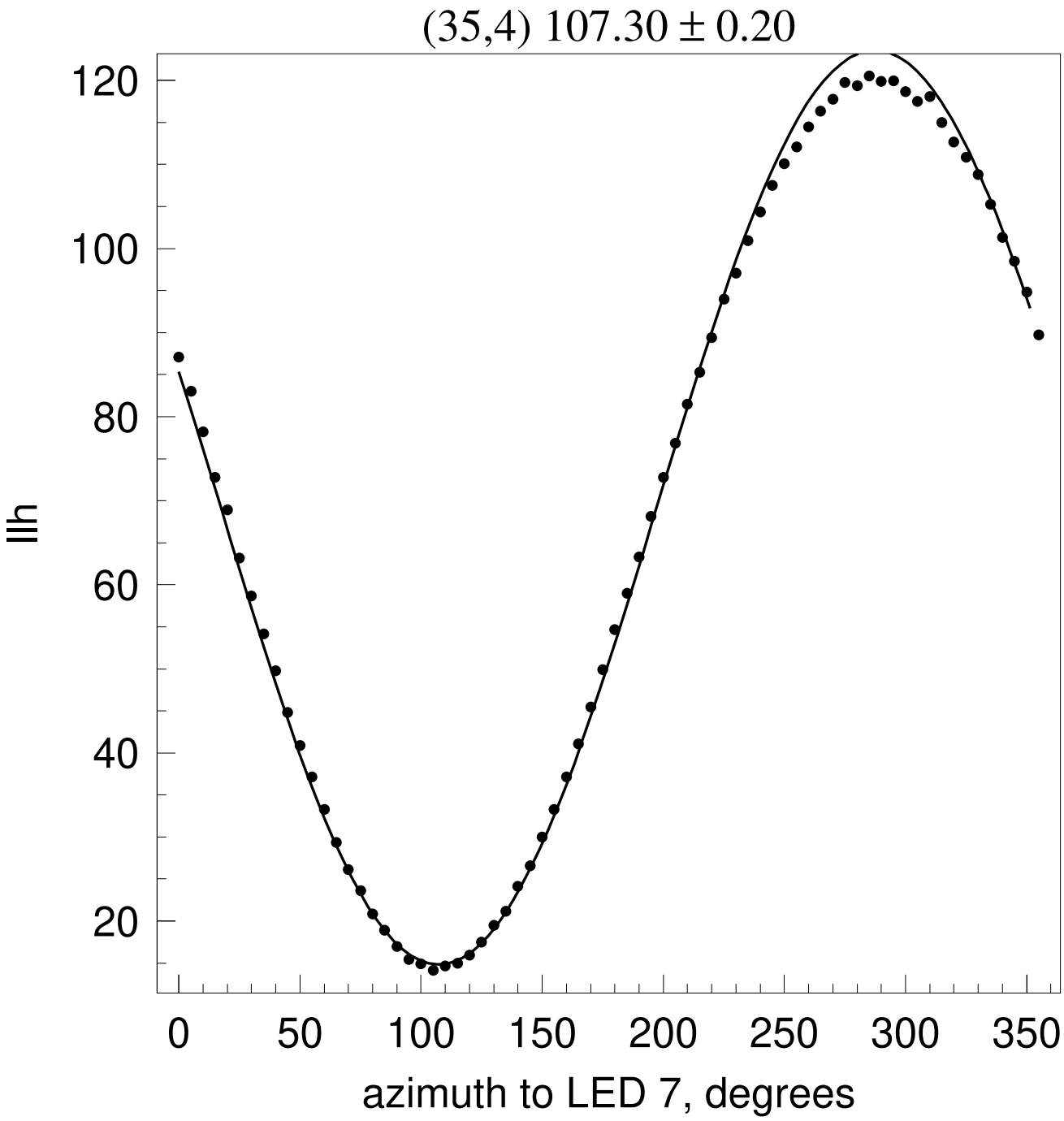

(34,59) 268.01 ± 0.44
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

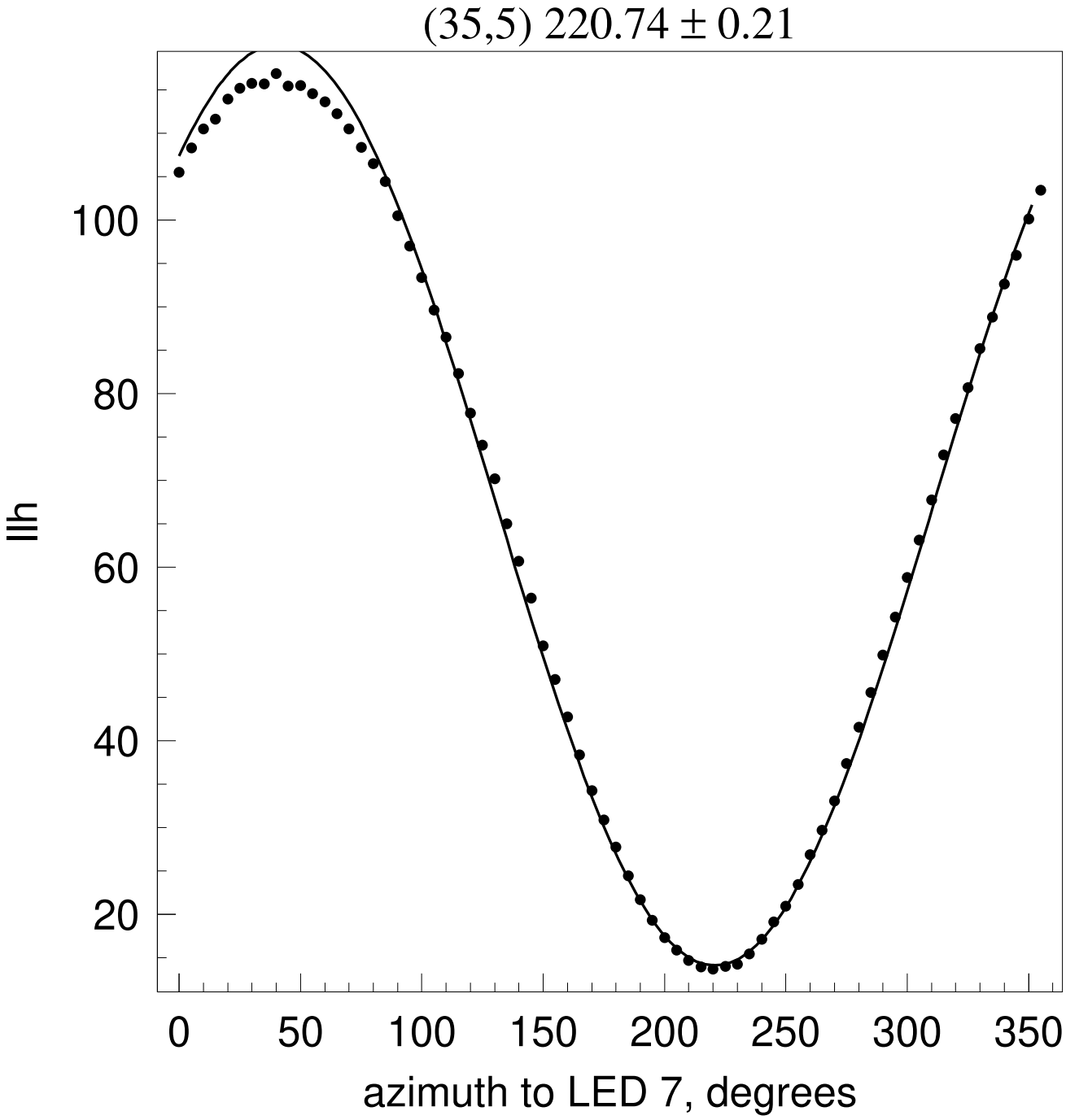

(34,60) 120.65 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

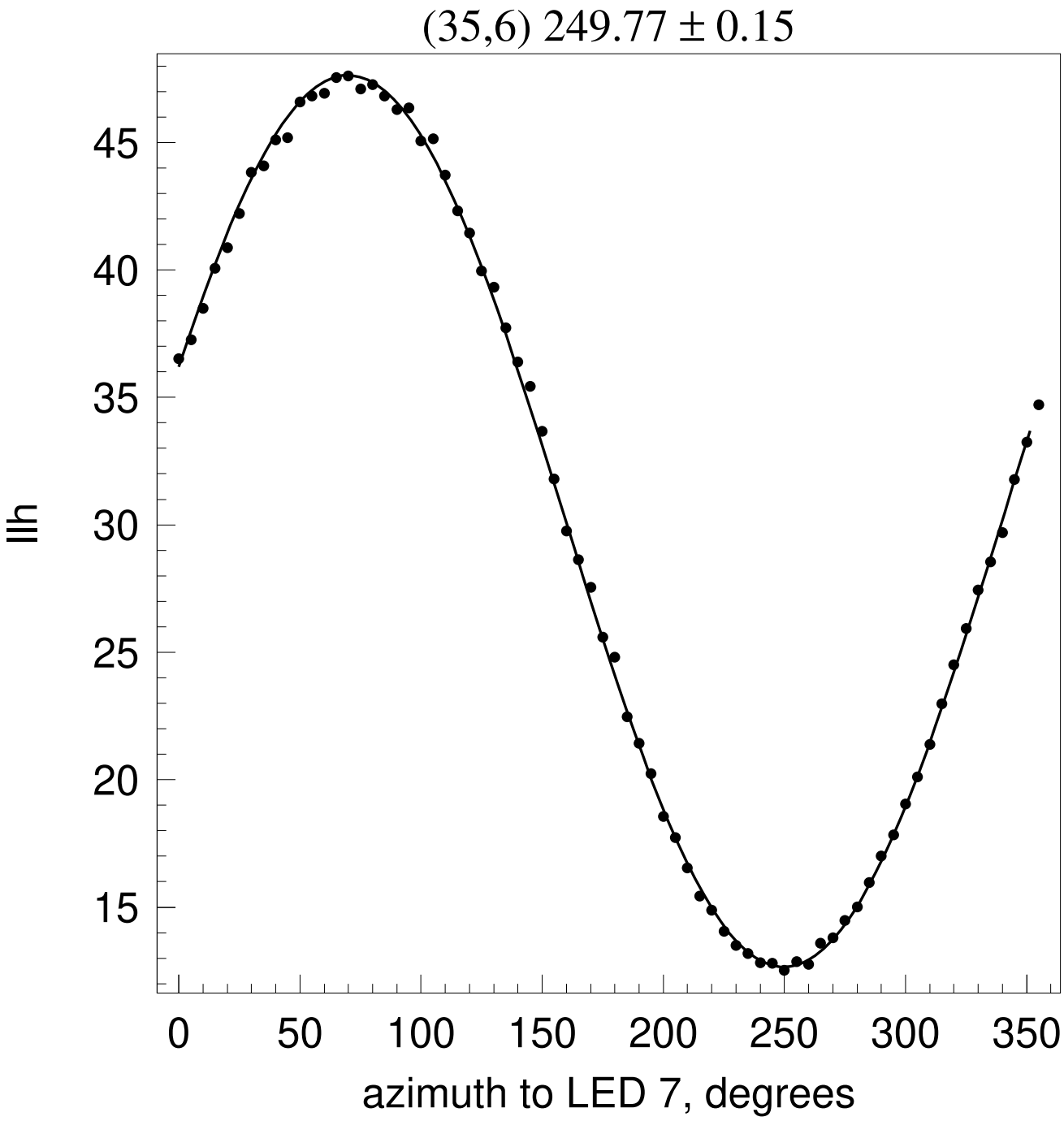

(35,1) 122.36 ± 0.35
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

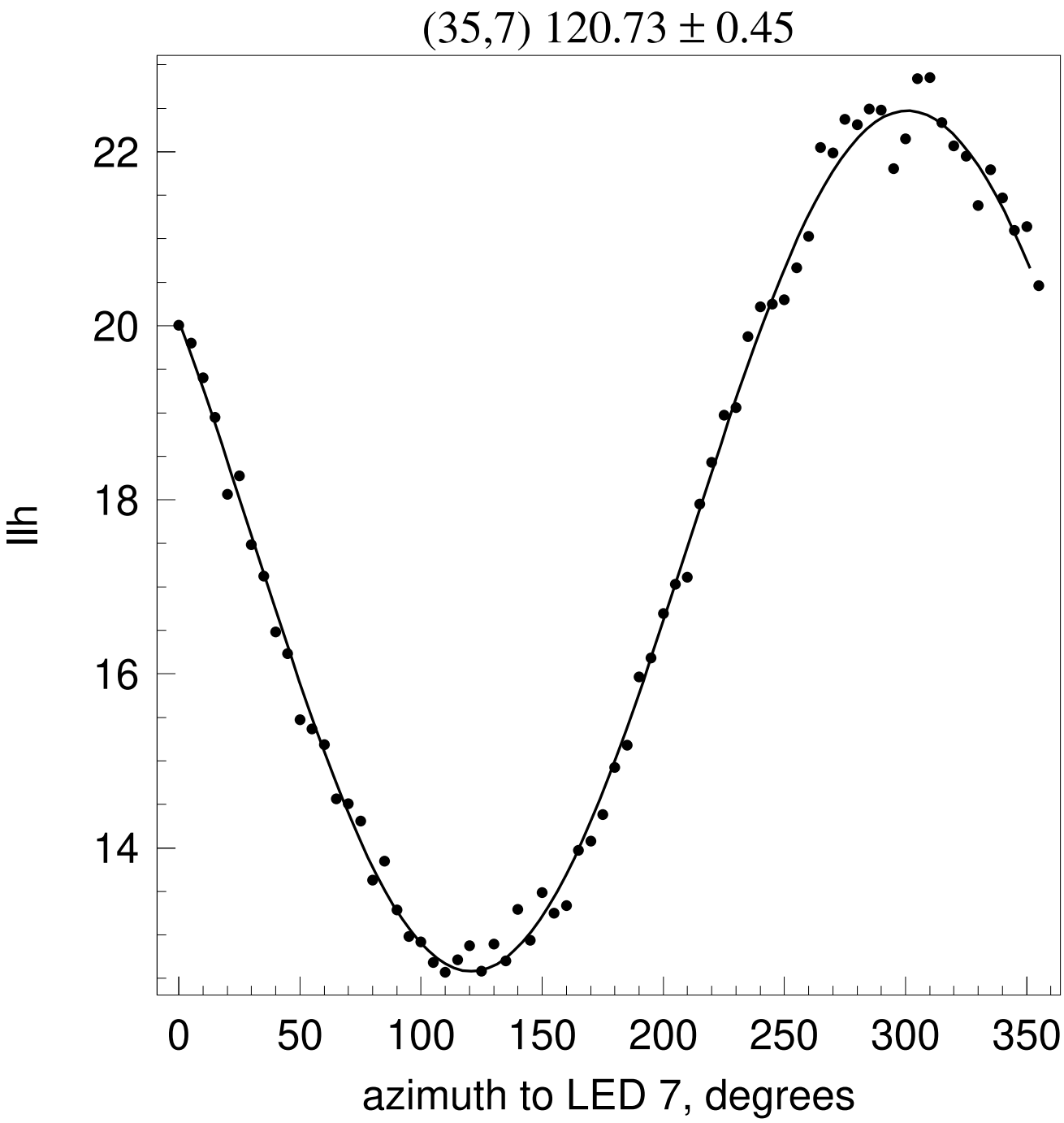

(35,2) 127.96 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

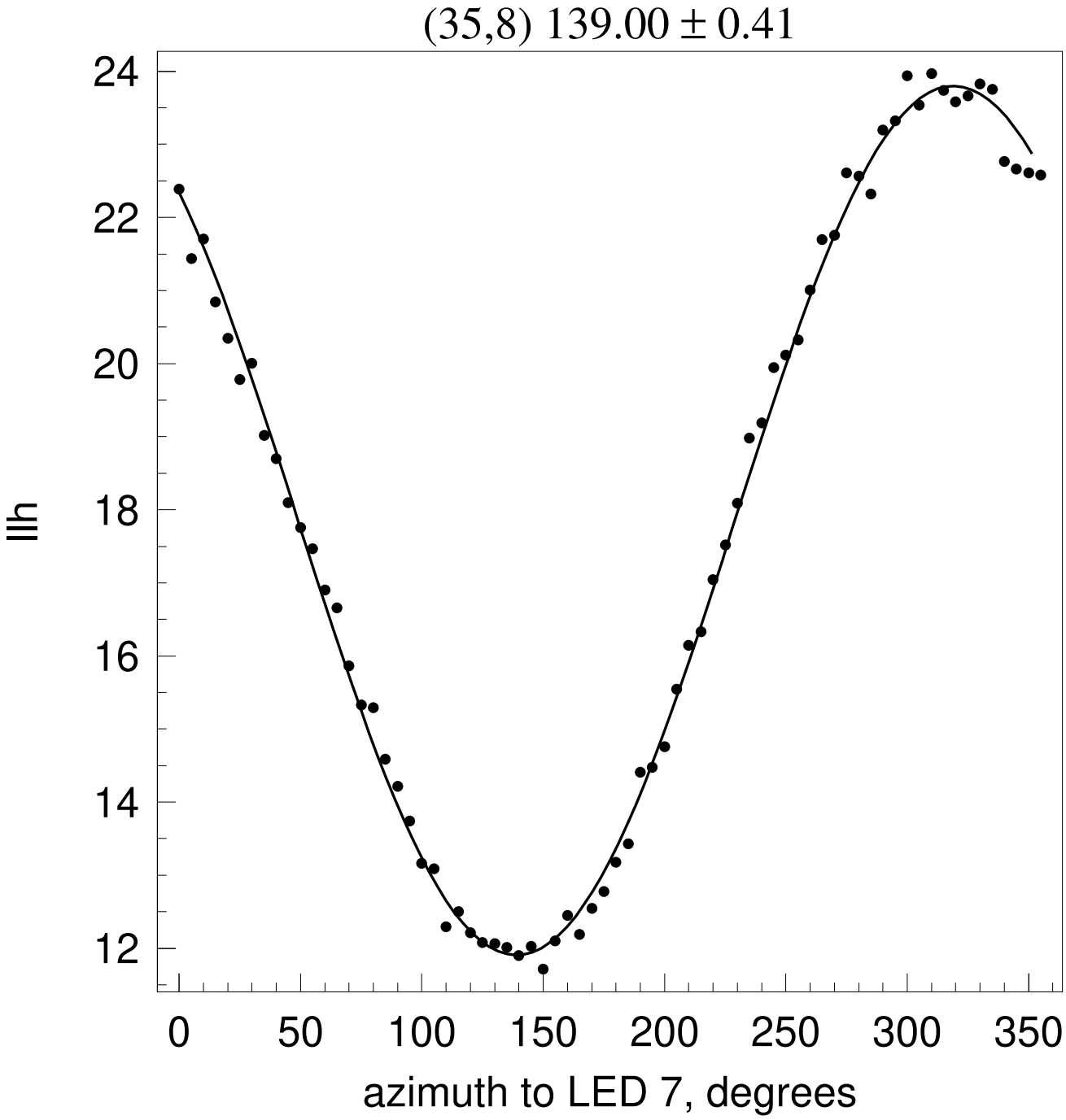

(35,3) 206.99 ± 0.13
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

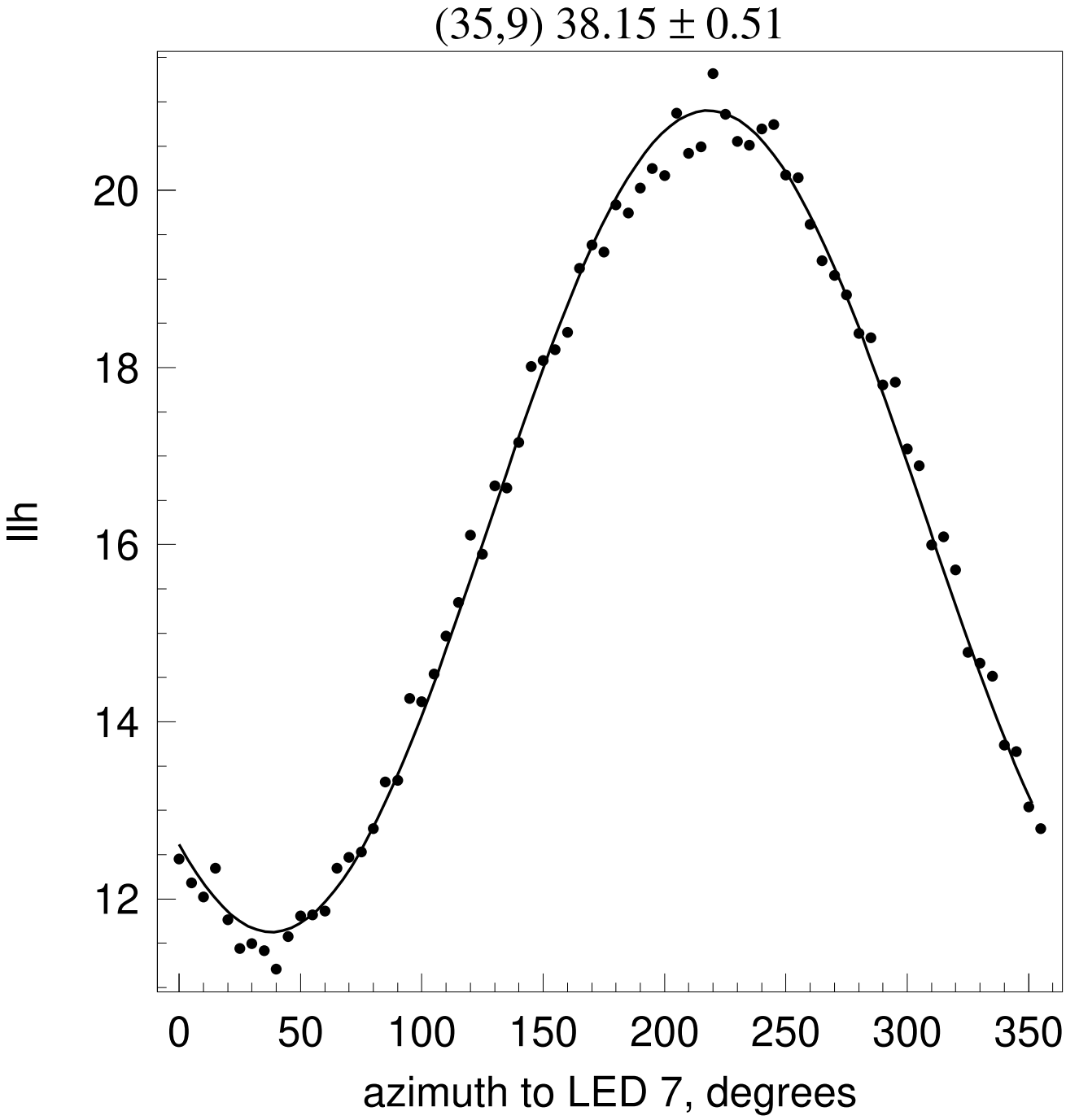

(35,4) 107.30 ± 0.20
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

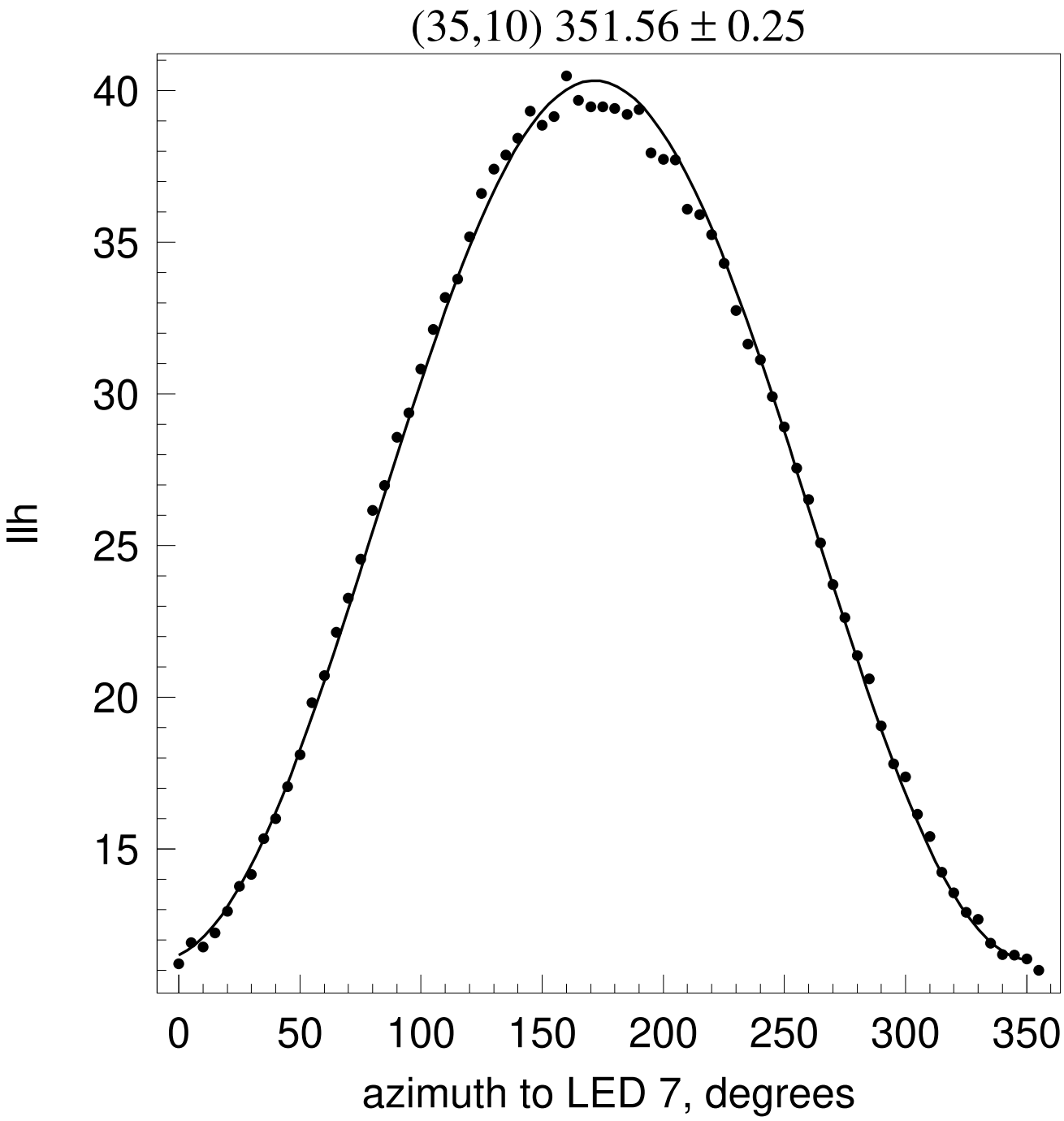

(35,5) 220.74 ± 0.21
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

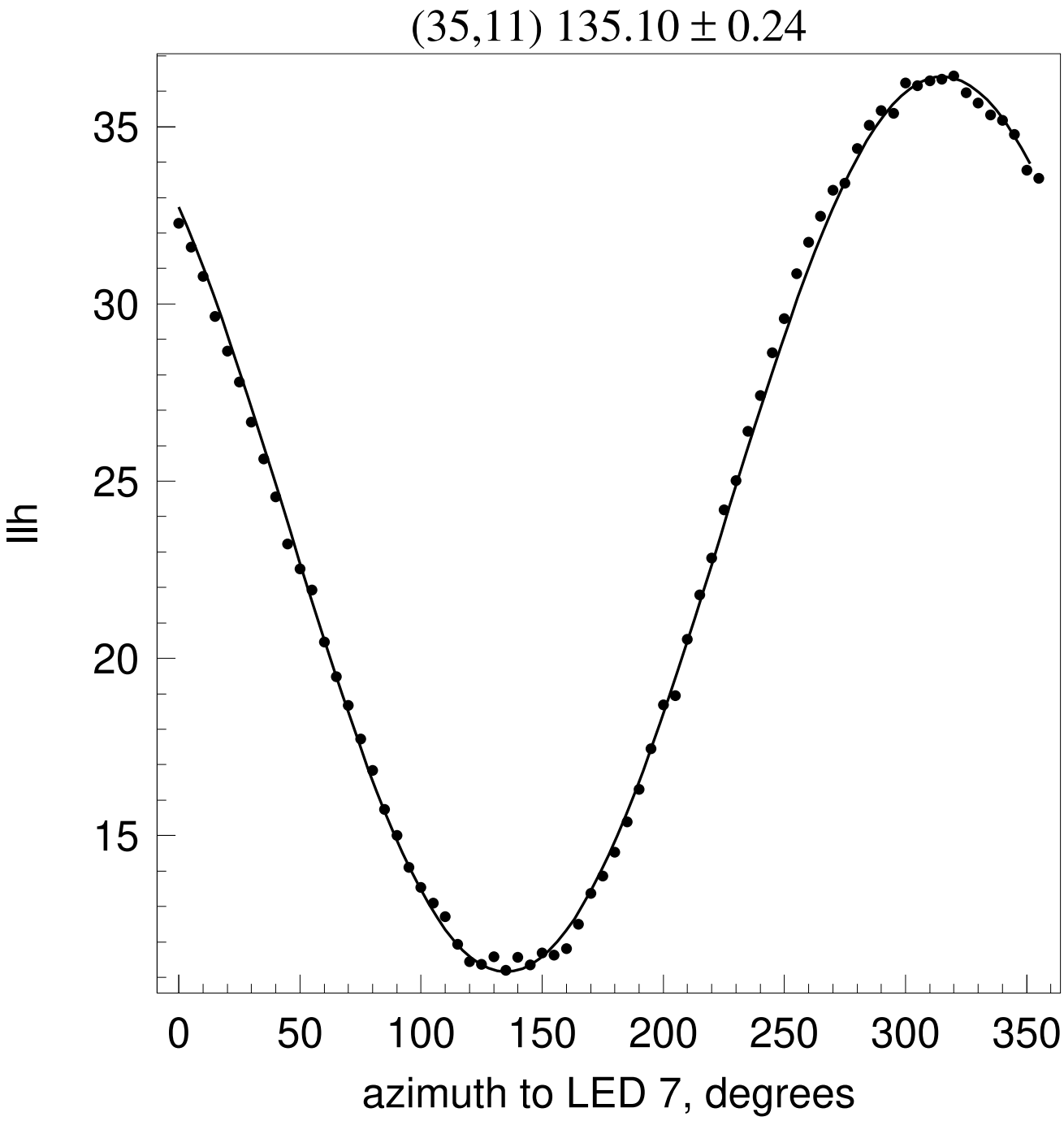

(35,6) 249.77 ± 0.15
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

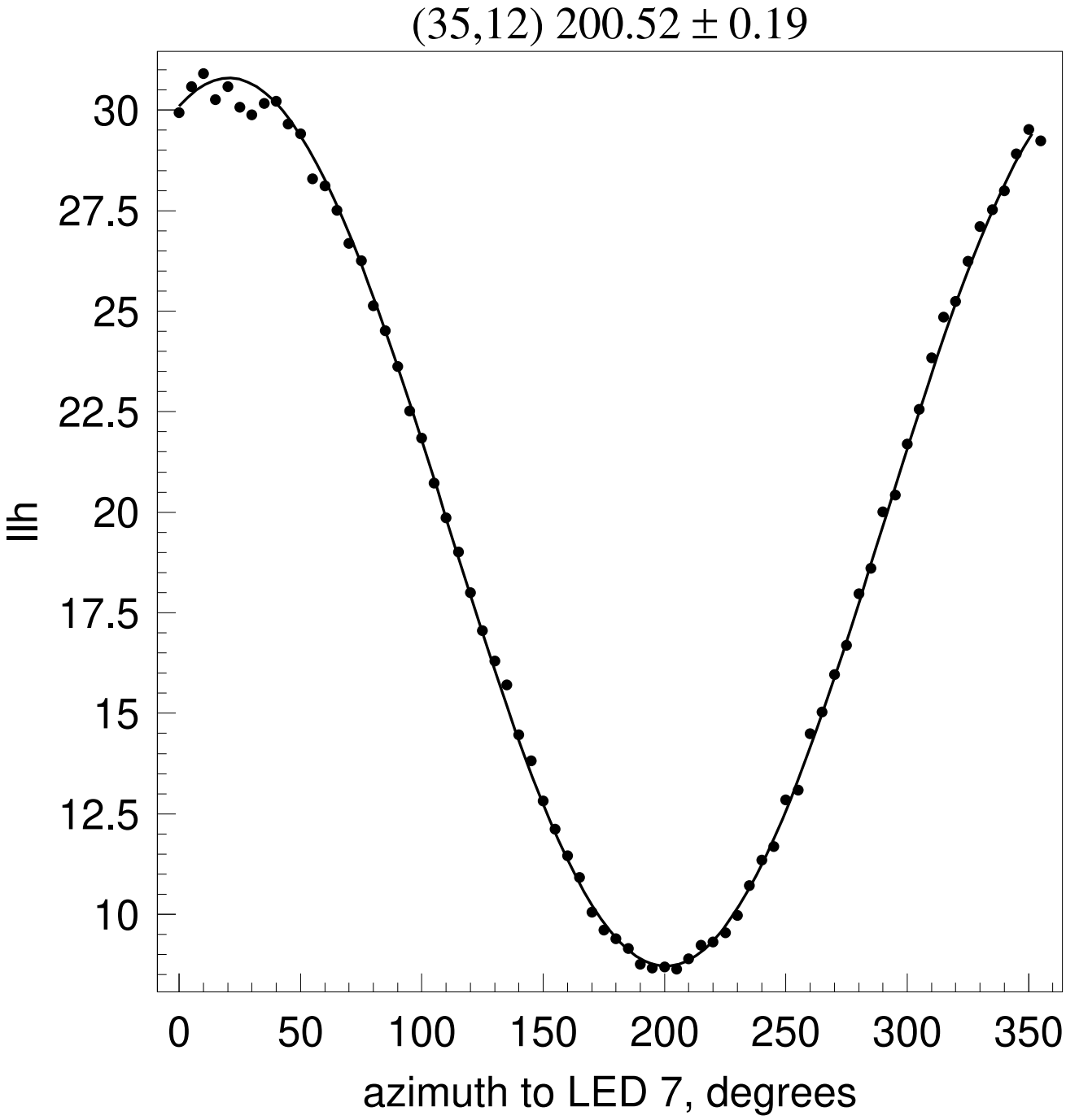

(35,7) 120.73 ± 0.45
22
20
18
16
14
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

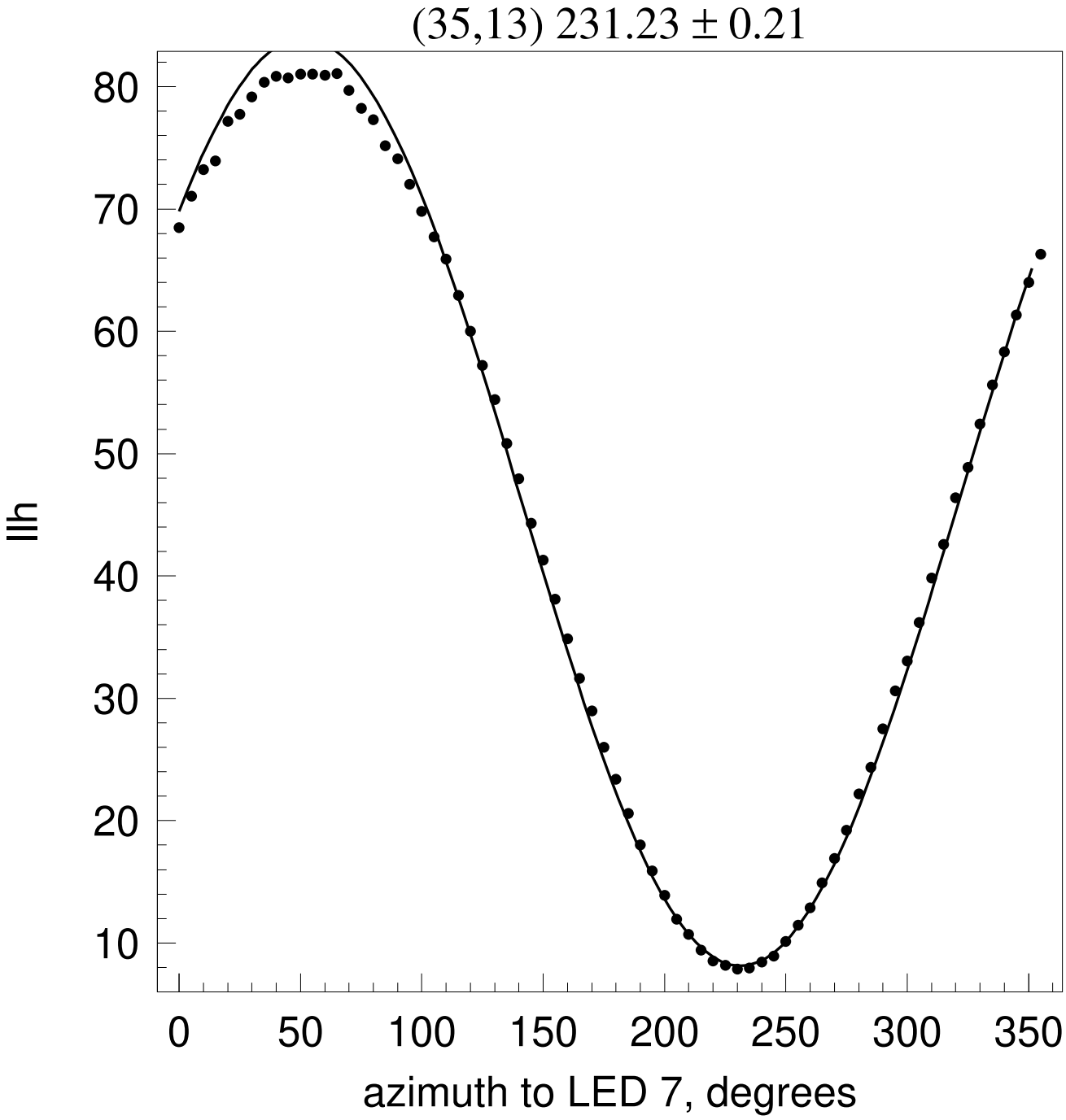

(35,8) 139.00 ± 0.41
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

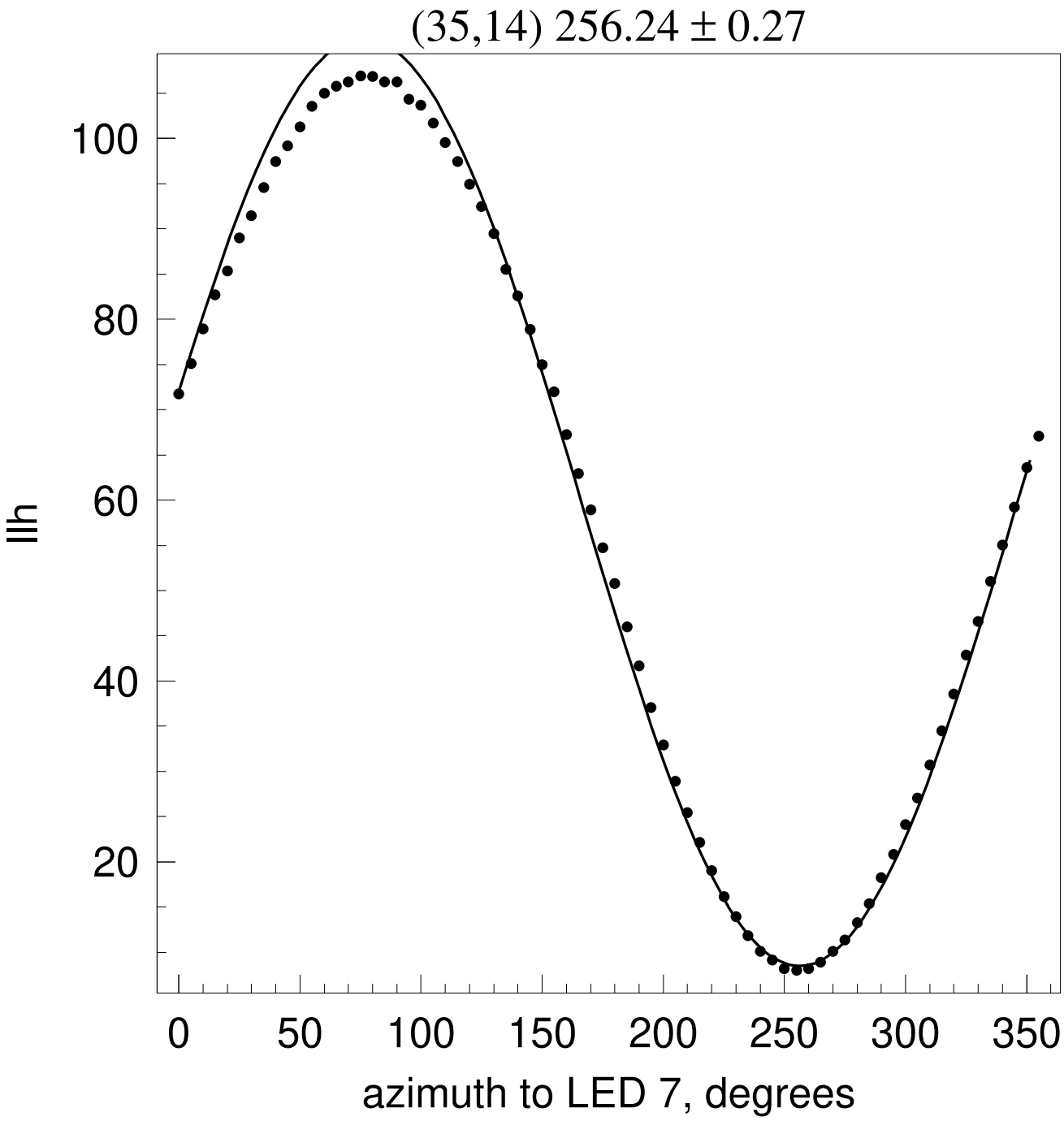

(35,9) 38.15 ± 0.51
llh
20
18
16
14
12
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

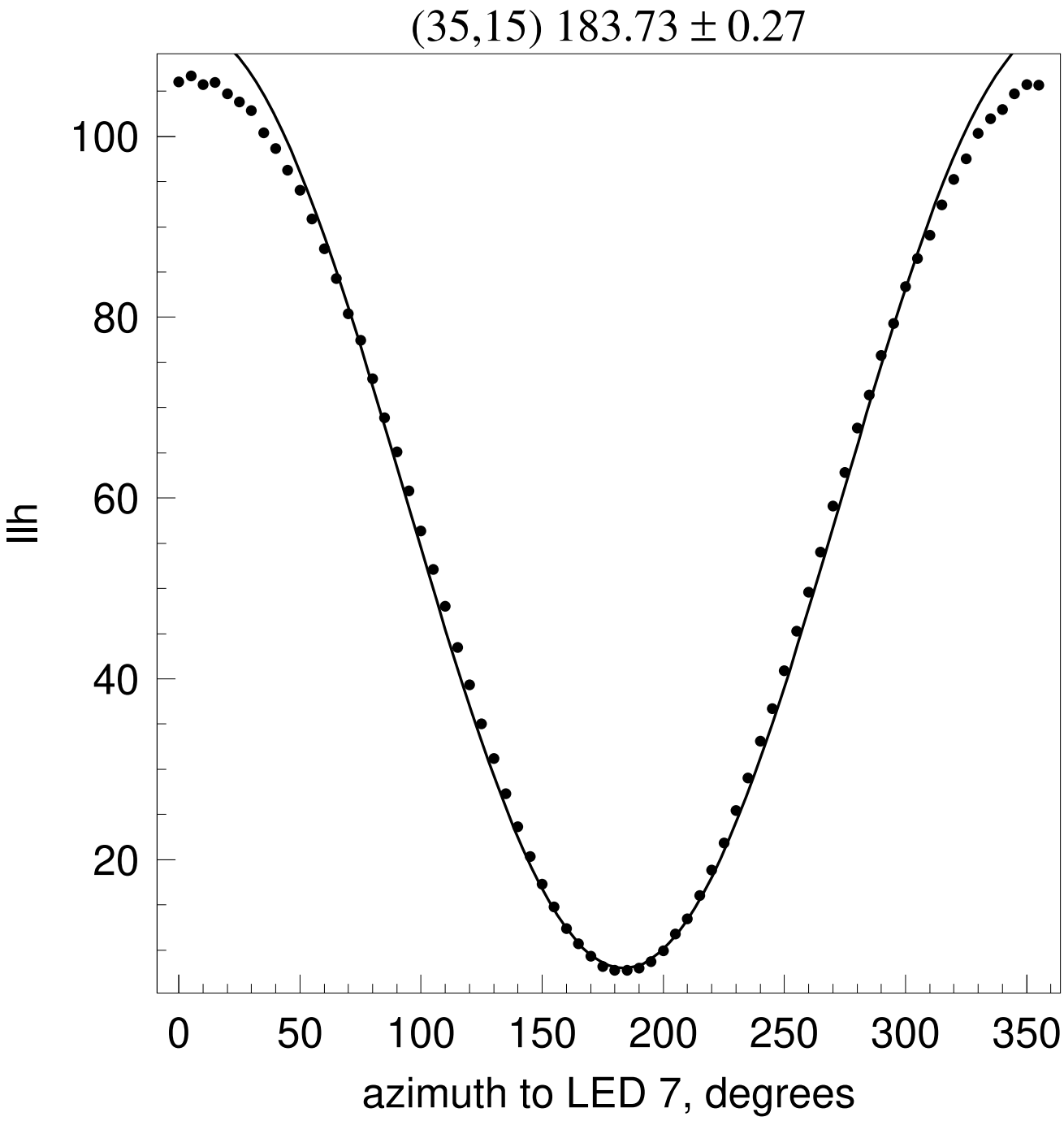

(35,10) 351.56 ± 0.25
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

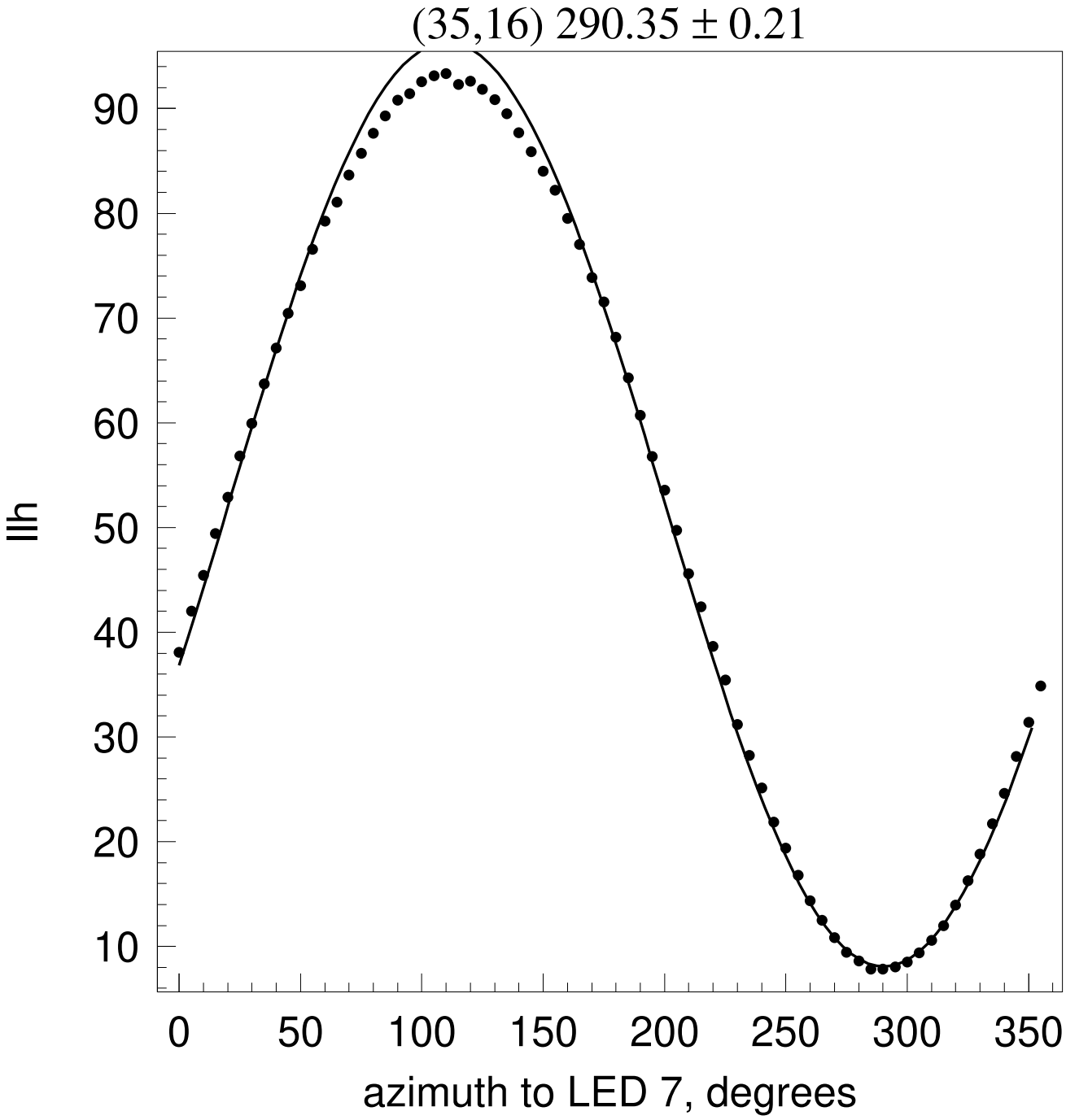

(35,11) 135.10 ± 0.24
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

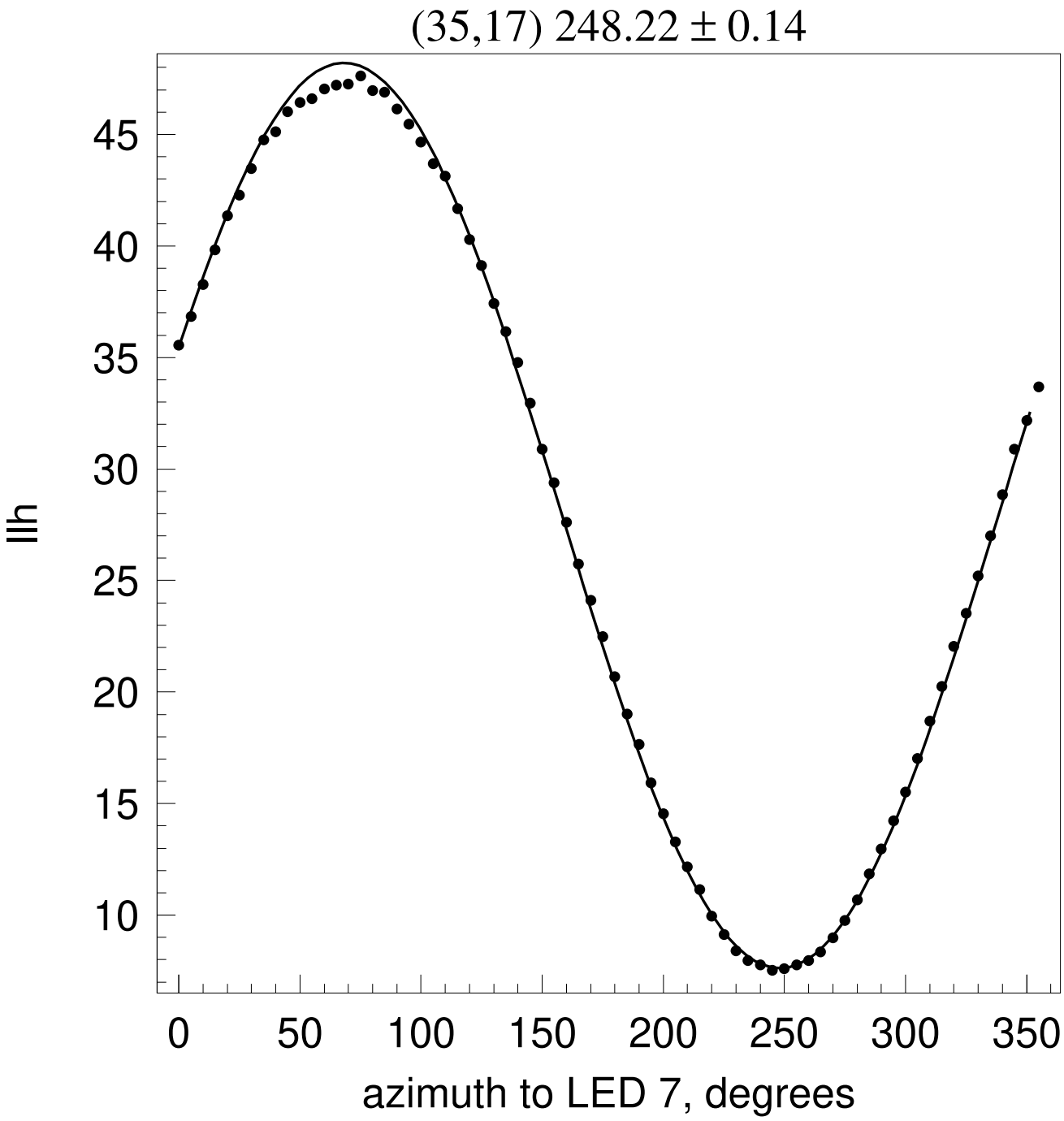

(35,12) 200.52 ± 0.19
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

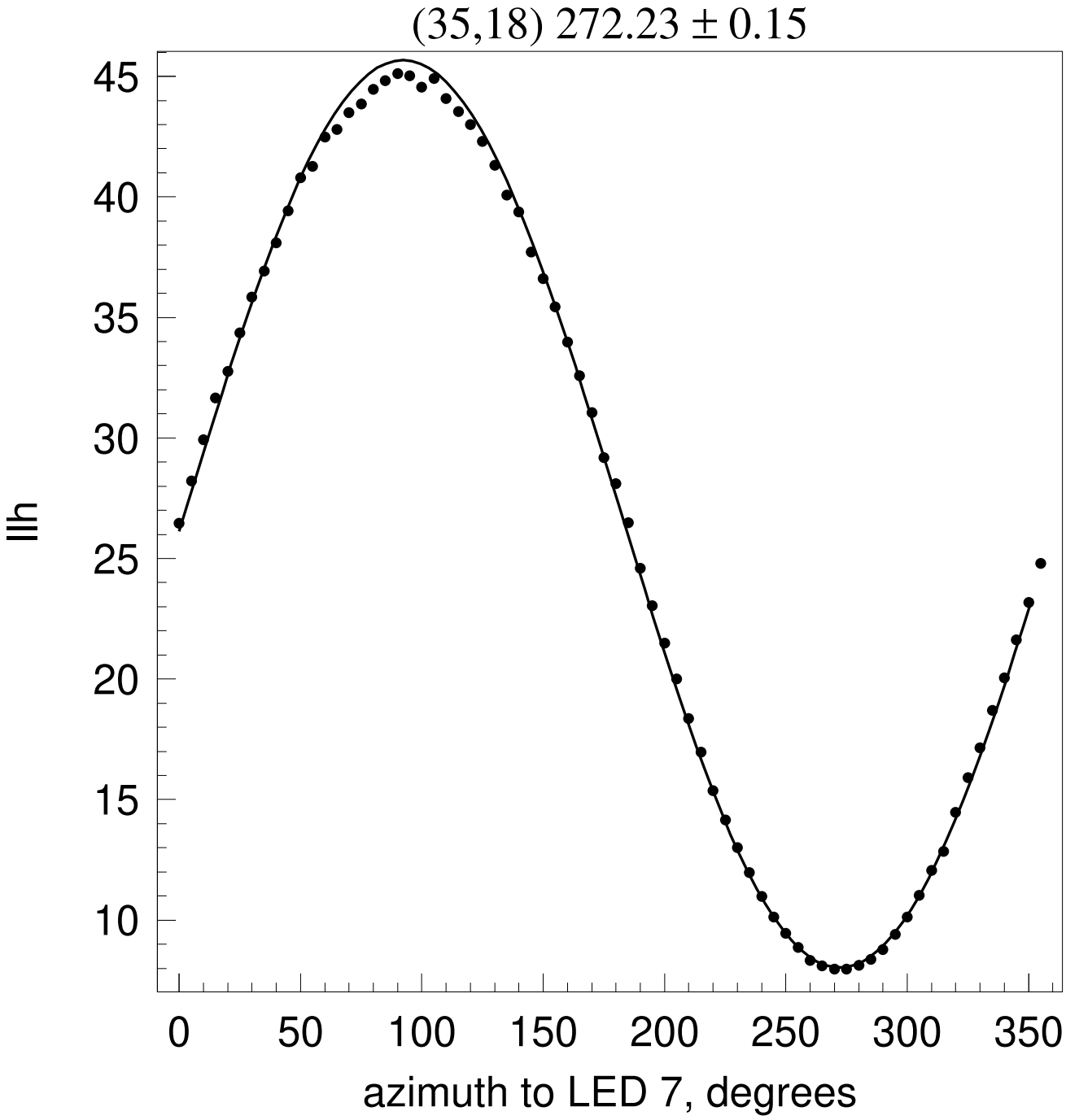

(35,13) 231.23 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

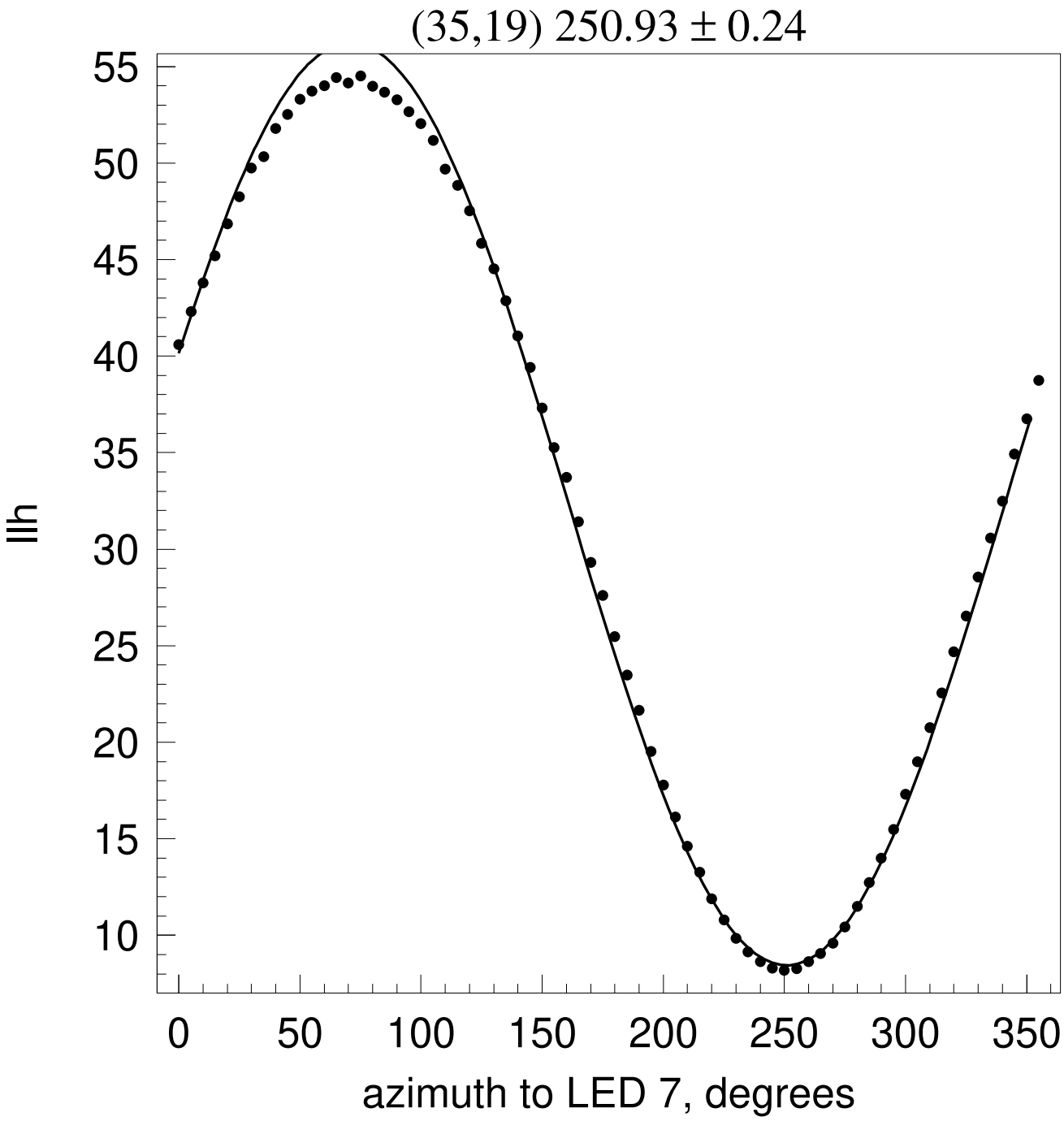

(35,14) 256.24 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

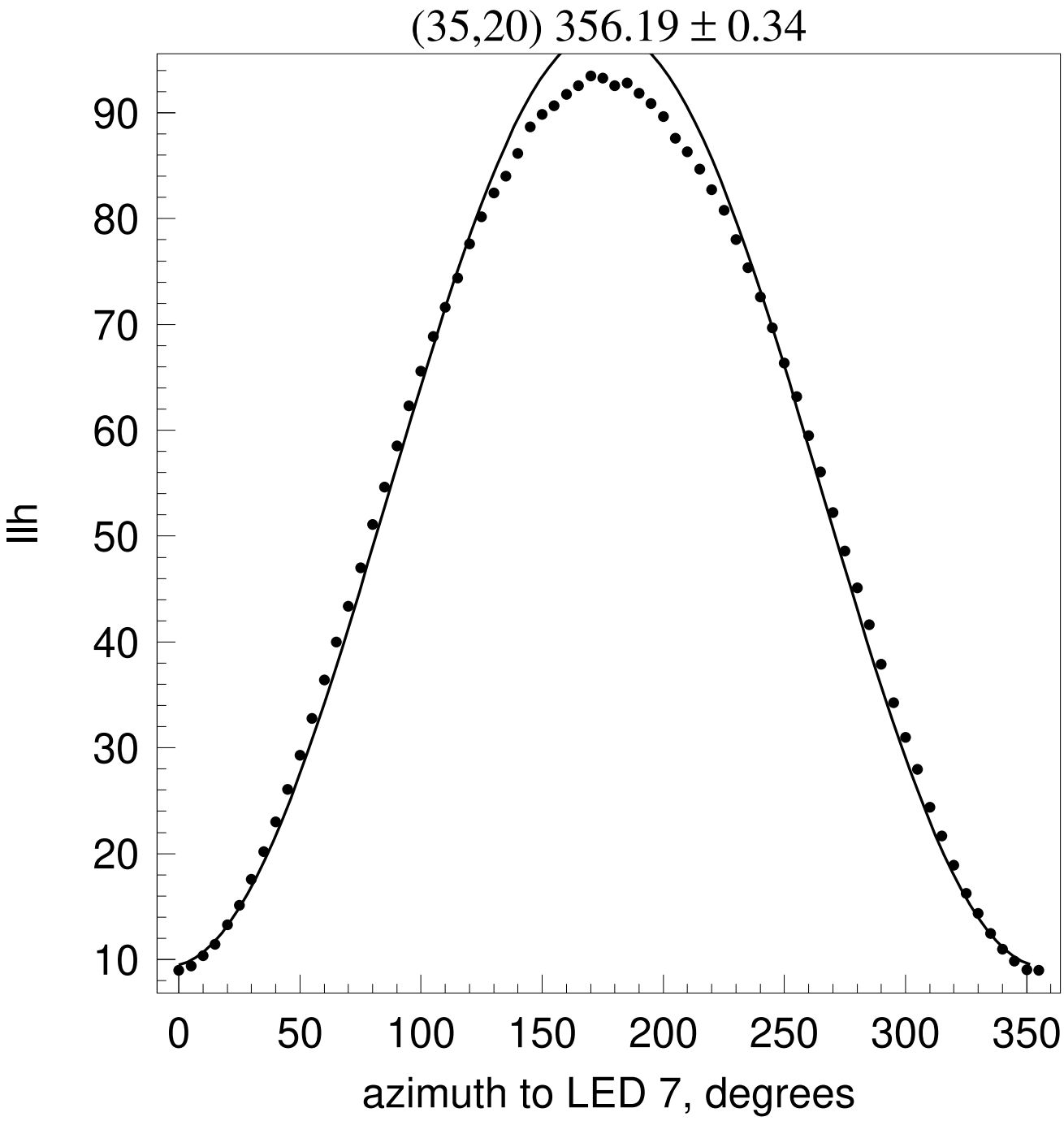

(35,15) 183.73 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

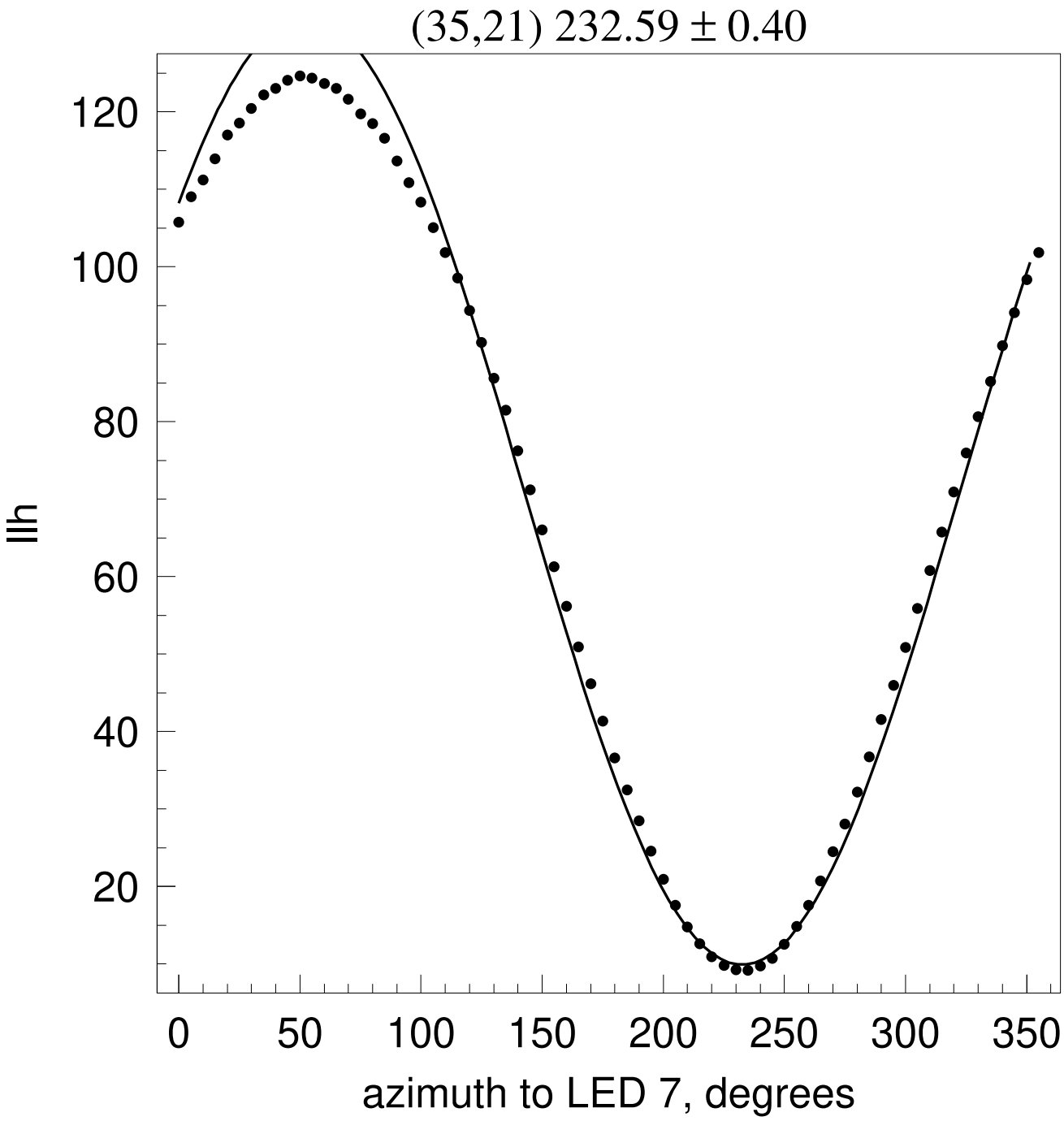

(35,16) 290.35 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

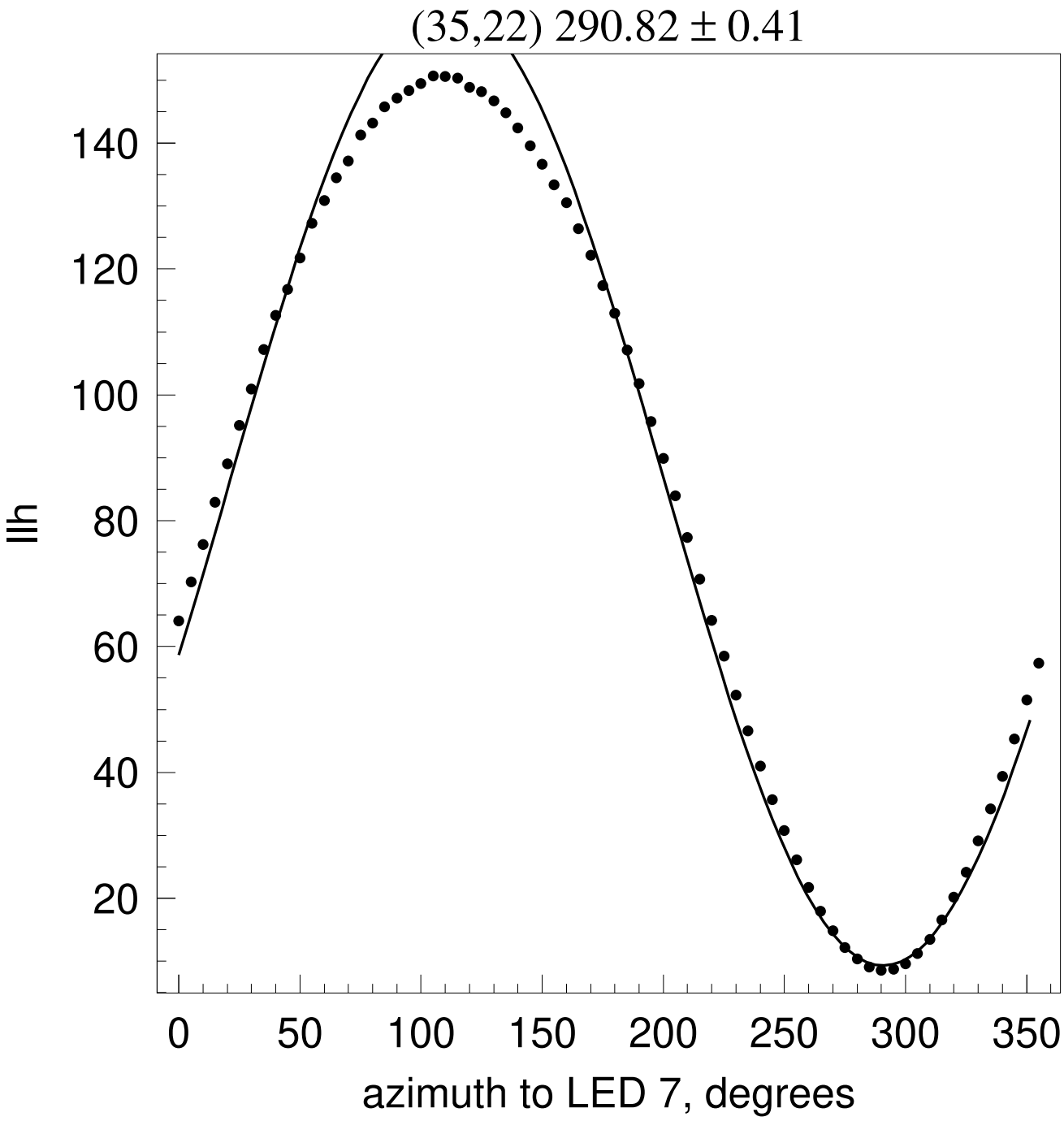

(35,17) 248.22 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

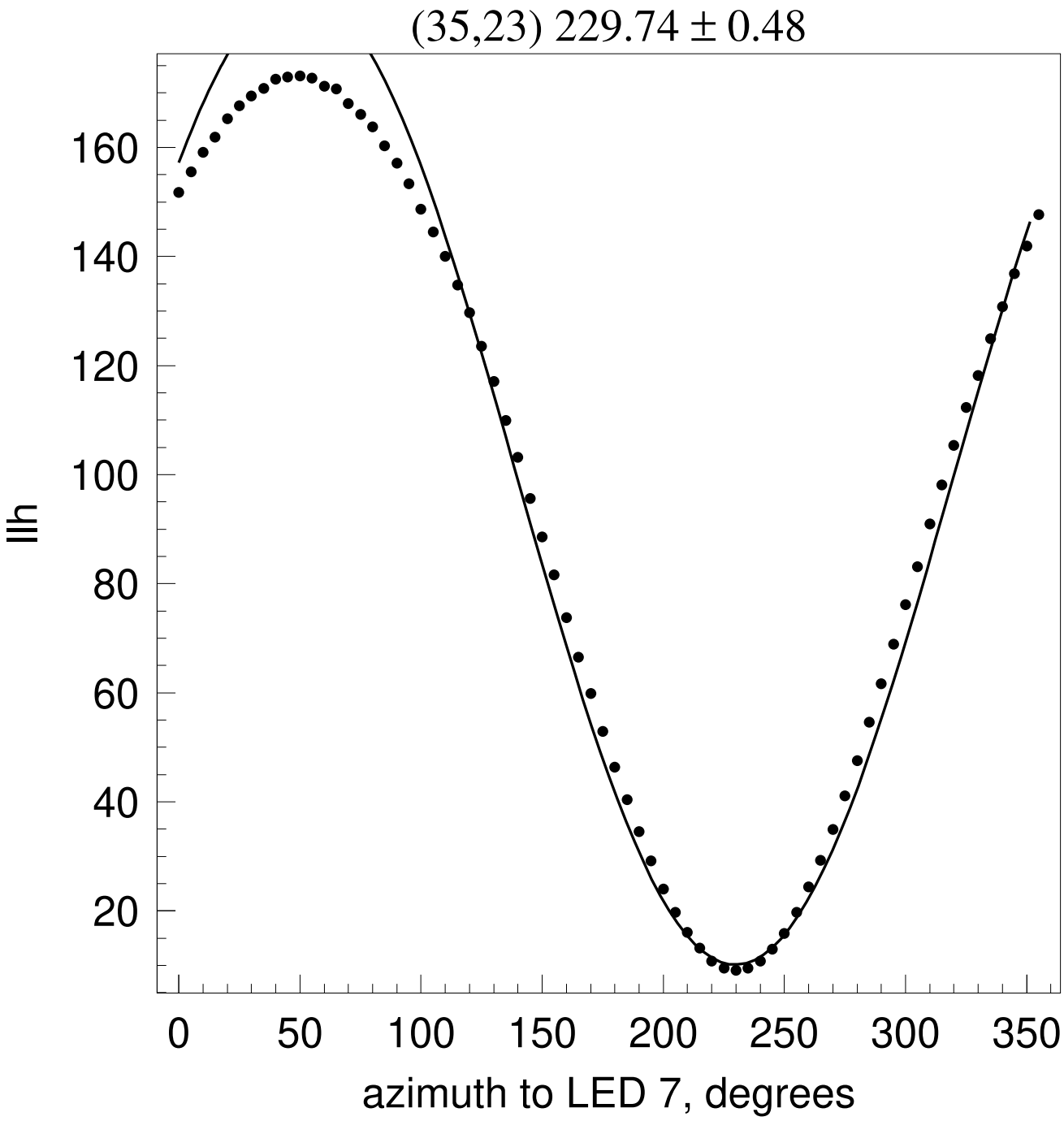

(35,18) 272.23 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

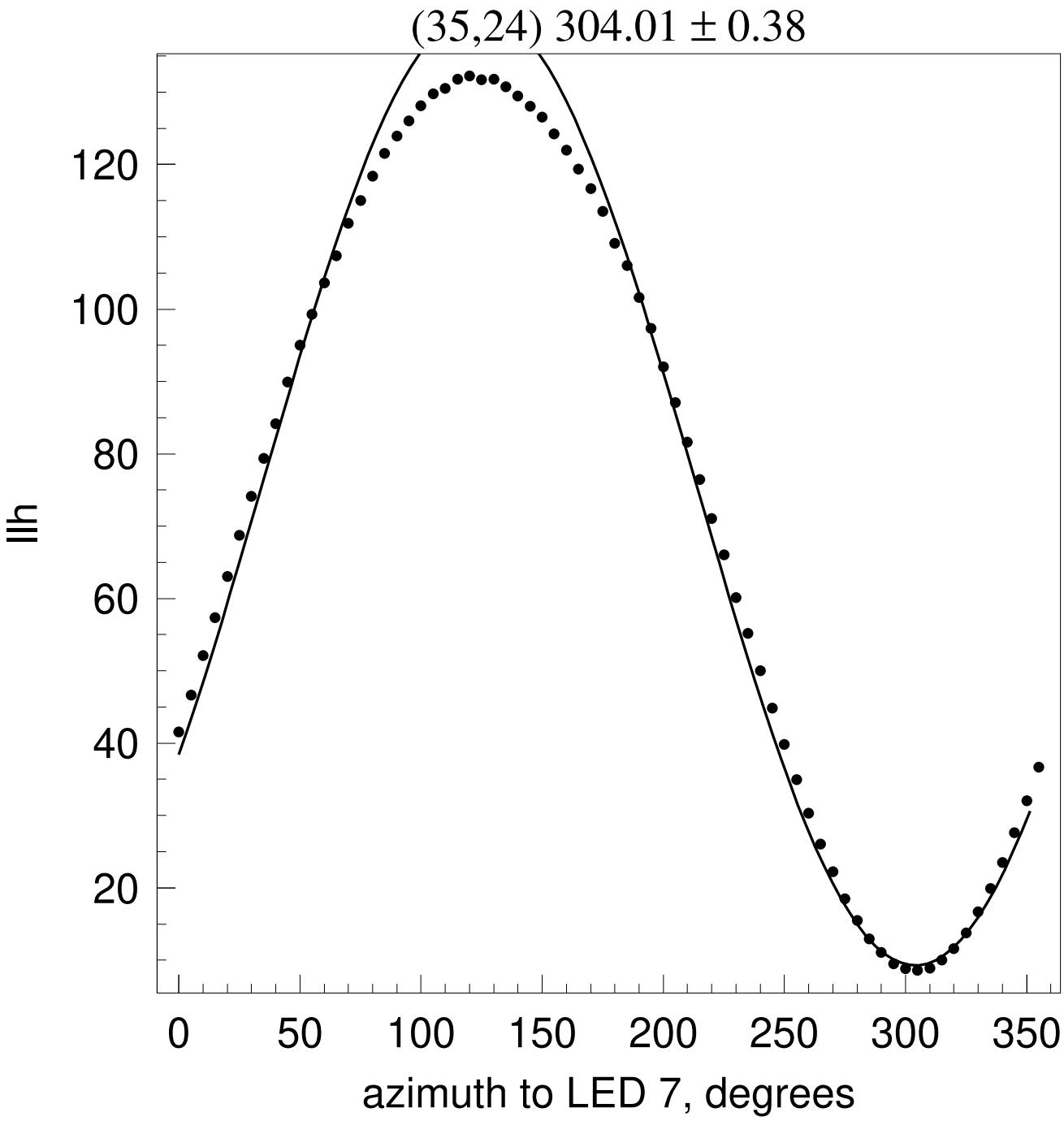

(35,19) 250.93 ± 0.24
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

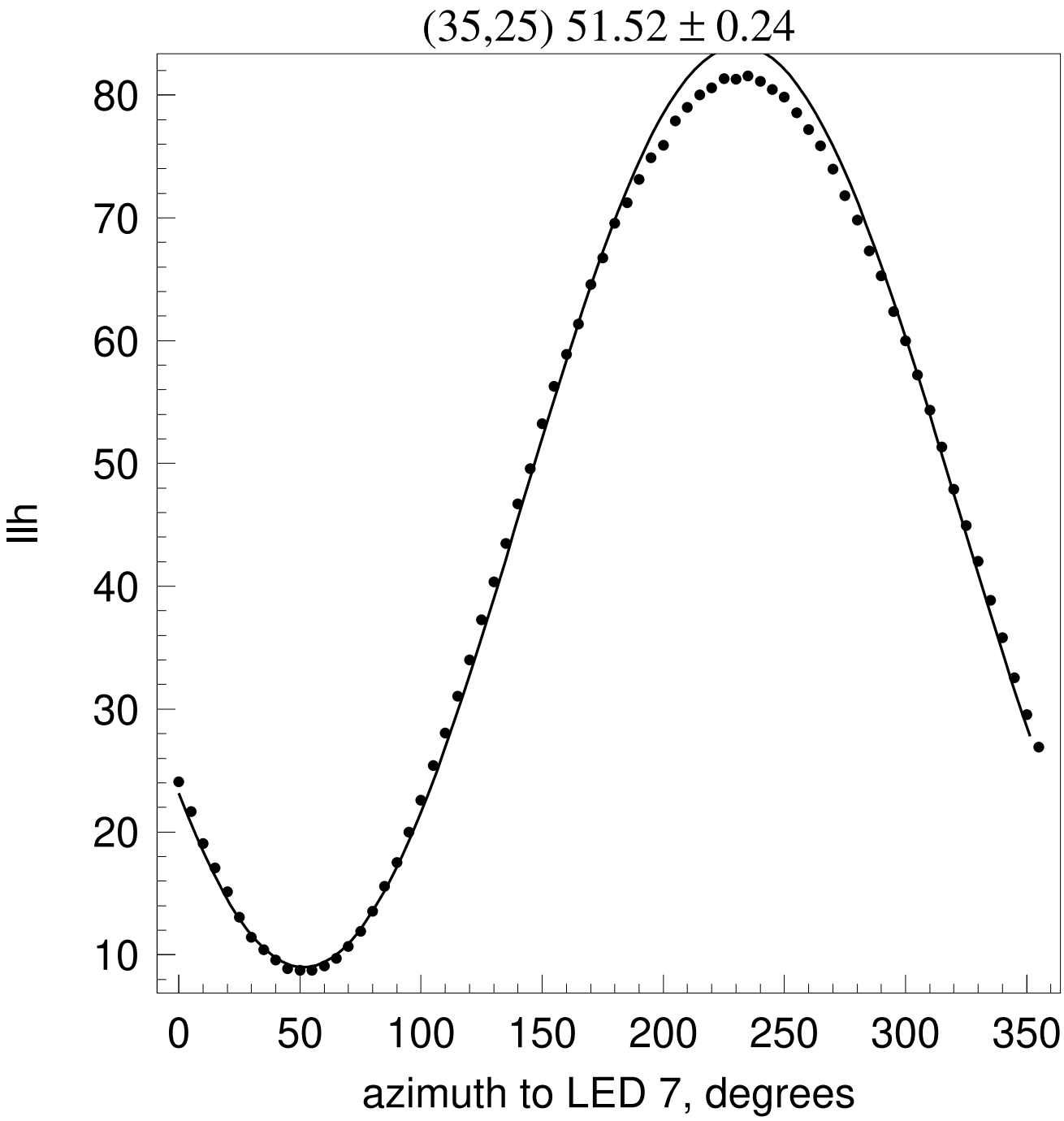

(35,20) 356.19 ± 0.34
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

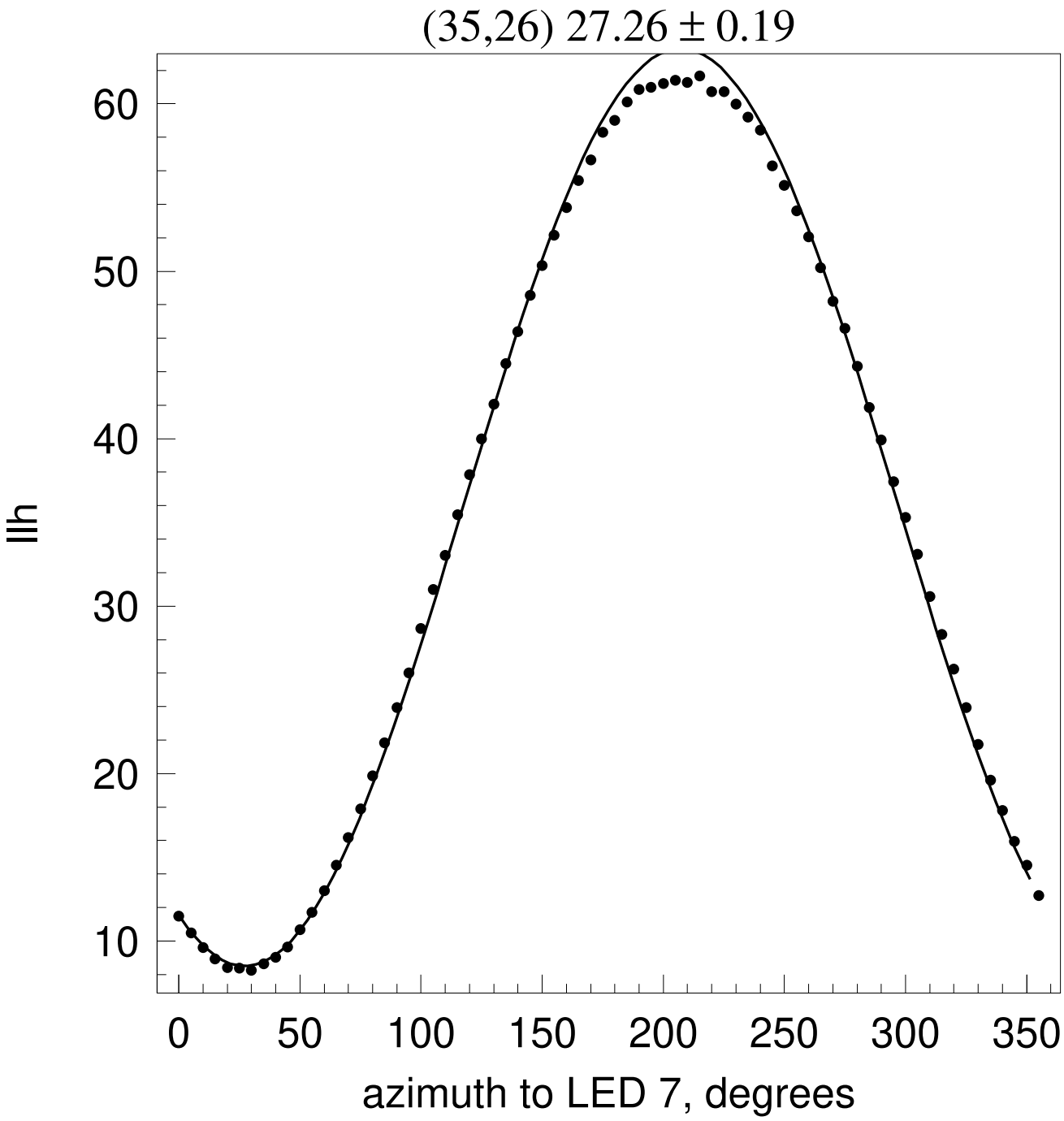

(35,21) 232.59 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

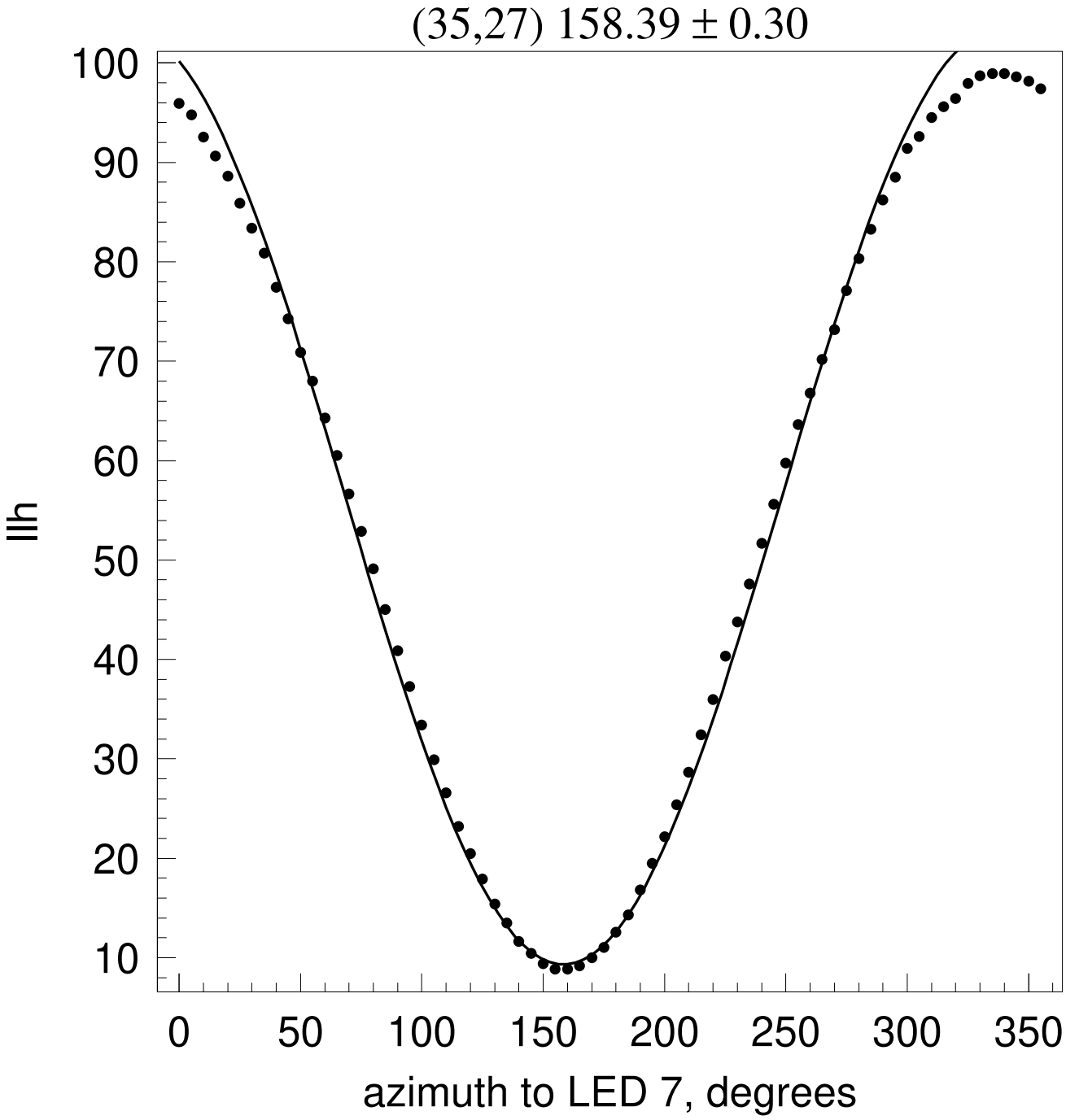

(35,22) 290.82 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

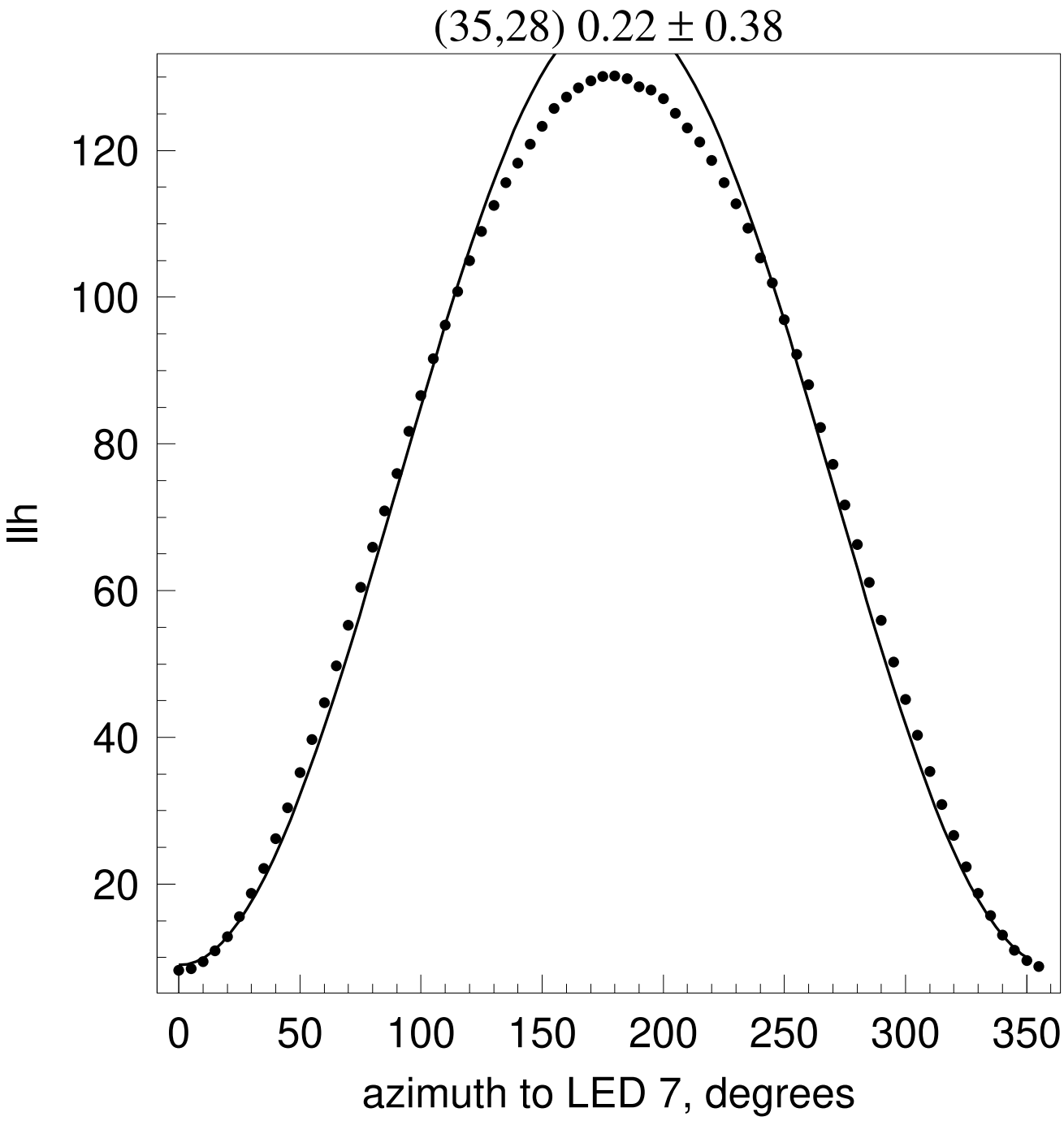

(35,23) 229.74 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

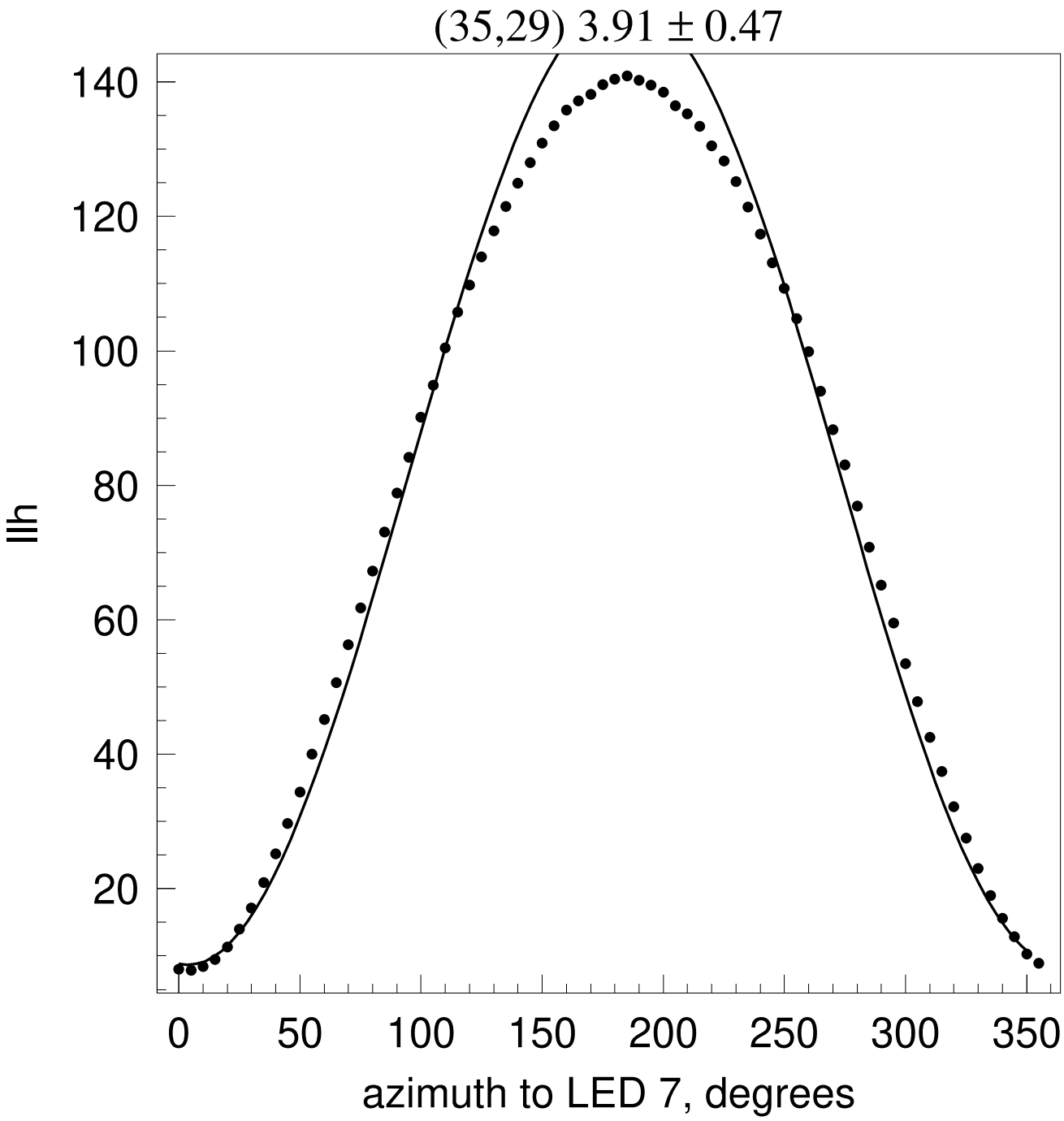

(35,24) 304.01 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

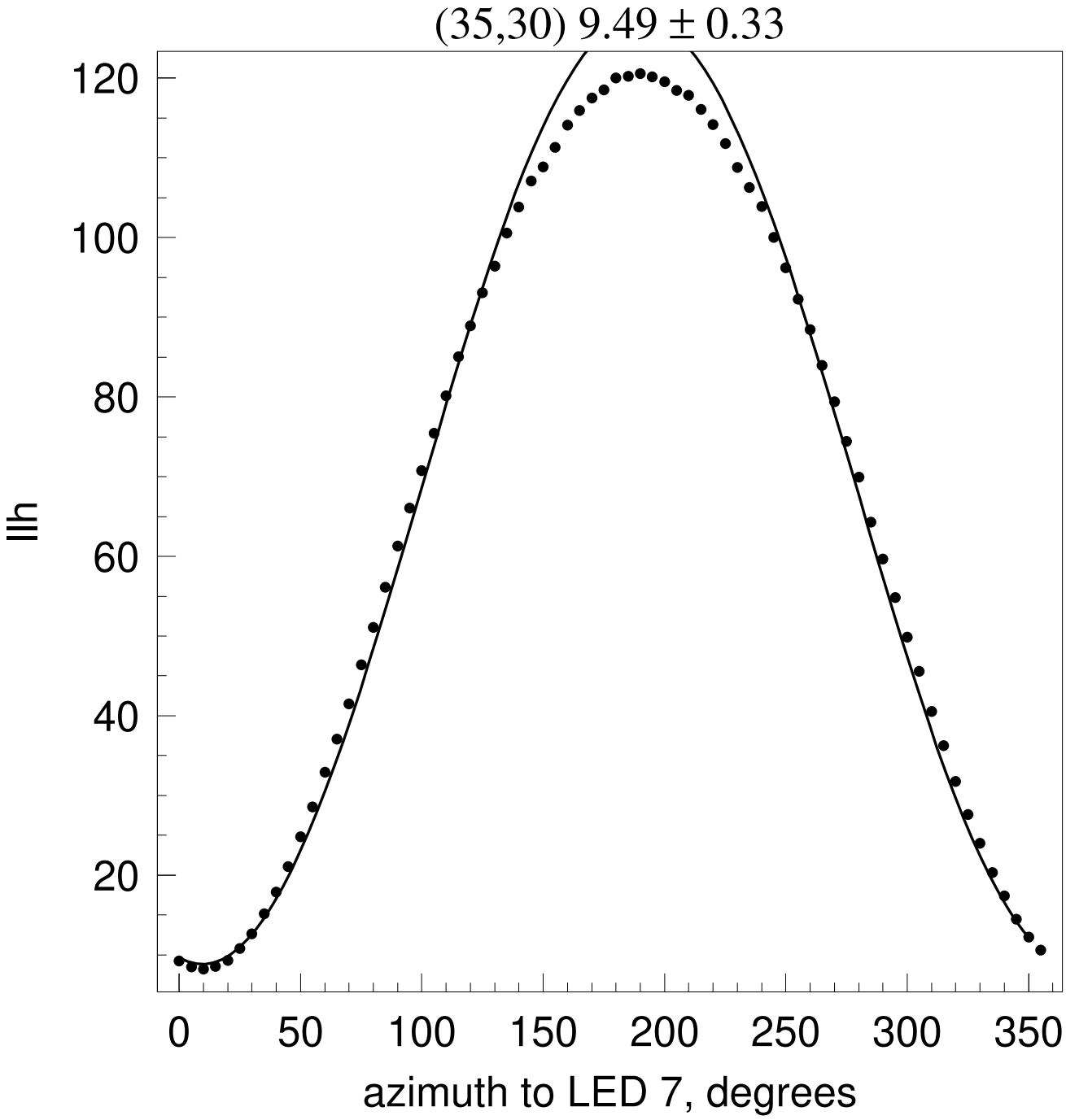

(35,25) 51.52 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

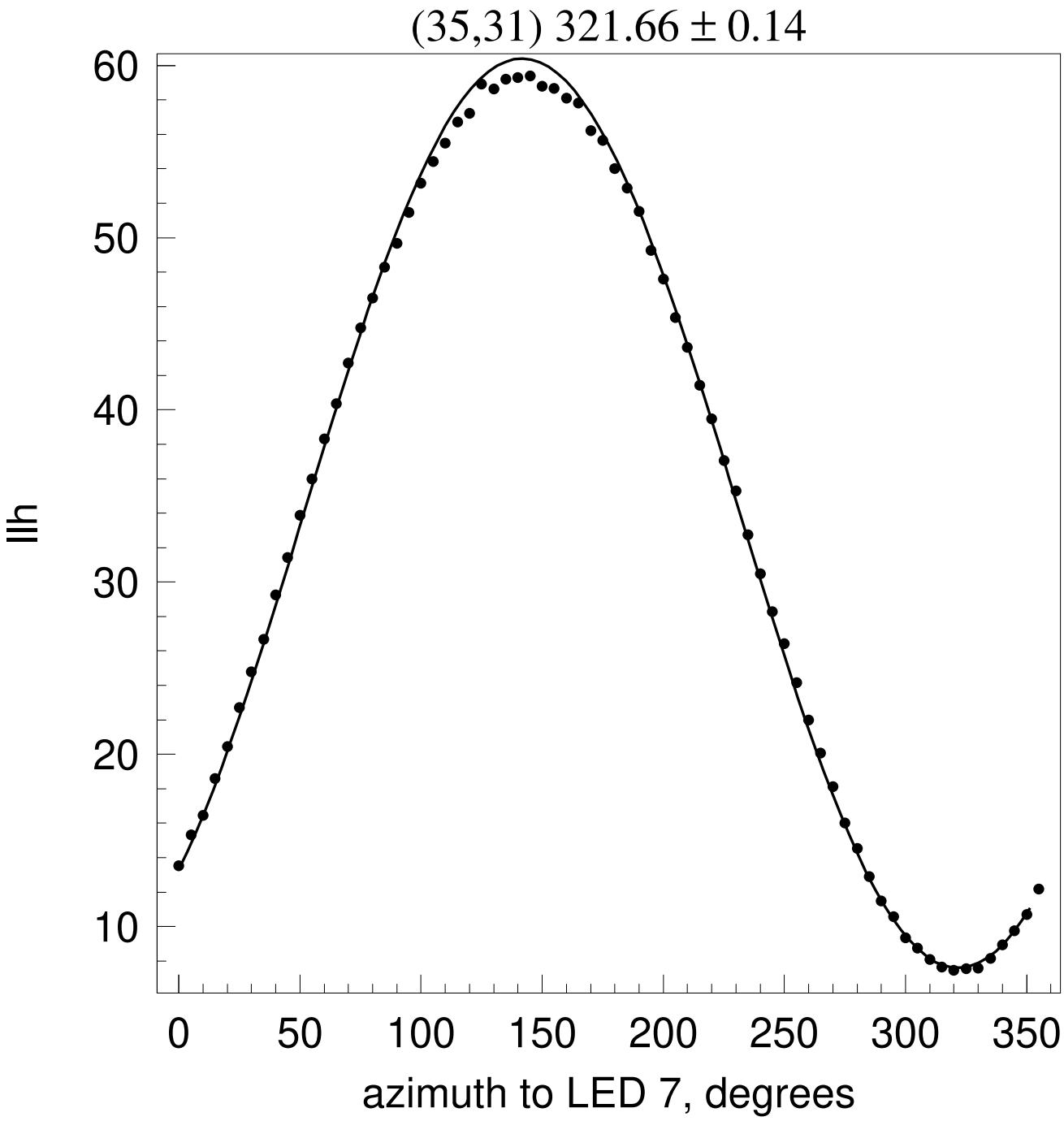

(35,26) 27.26 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

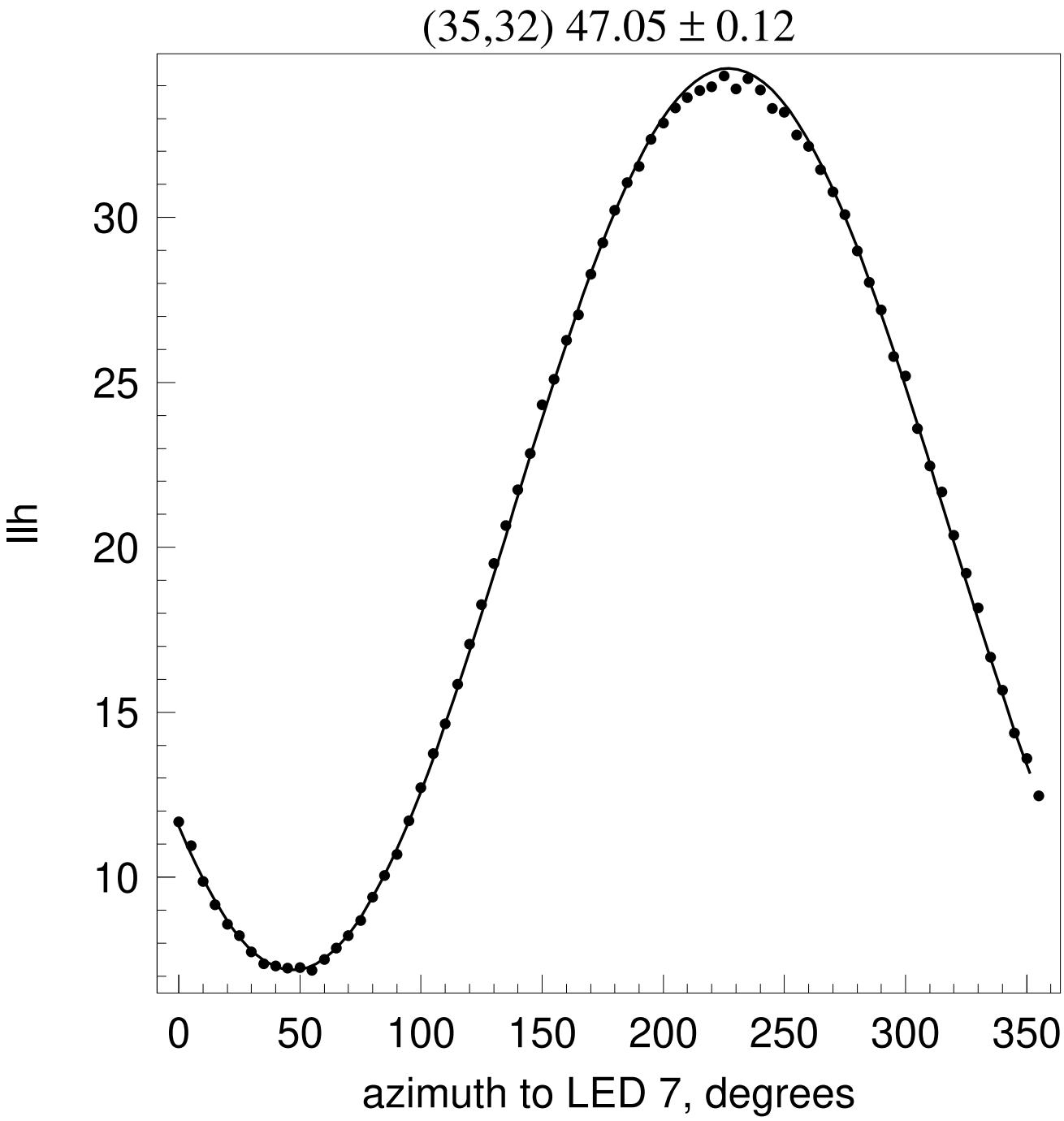

(35,27) 158.39 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

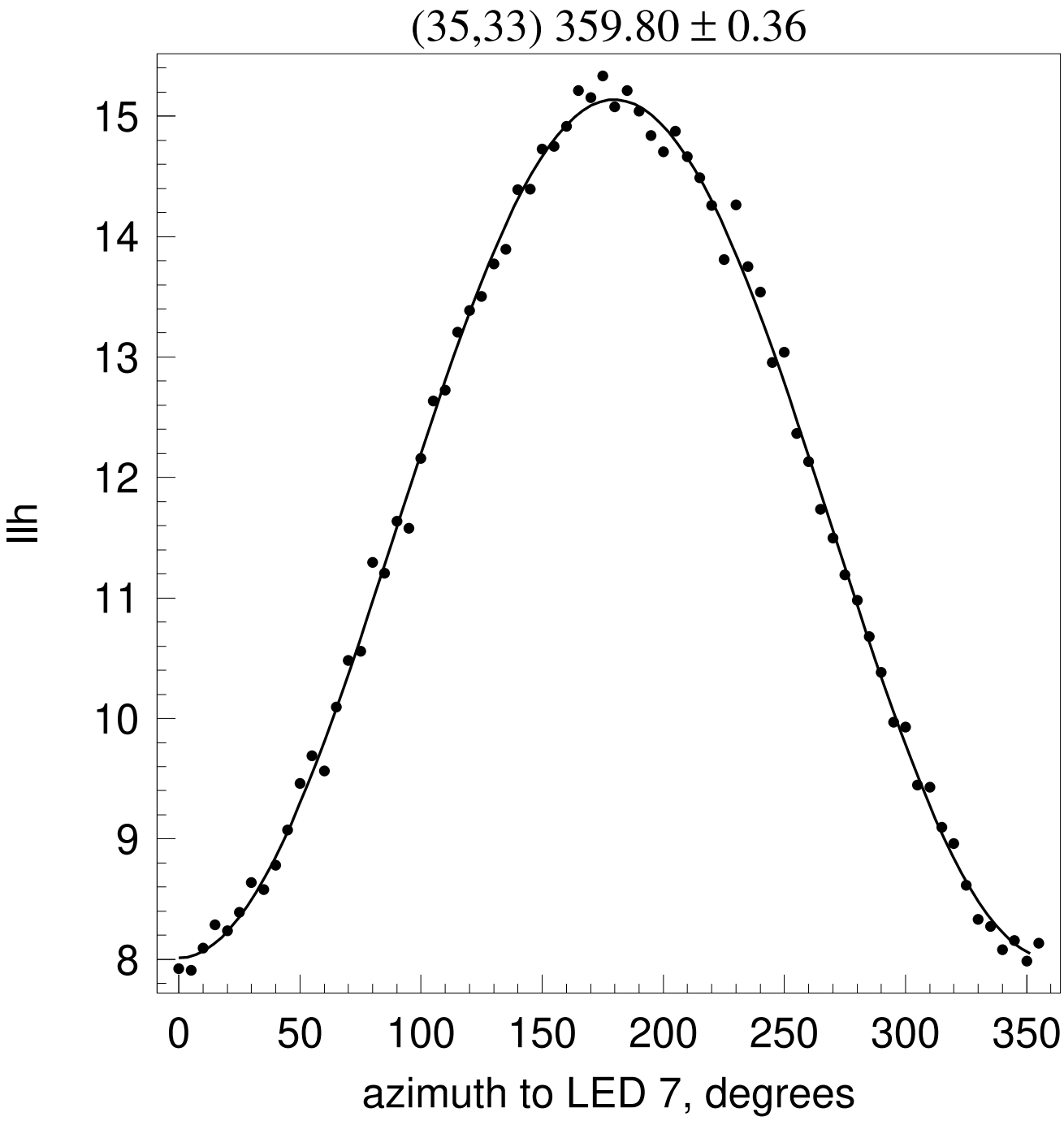

(35,28) 0.22 ± 0.38
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

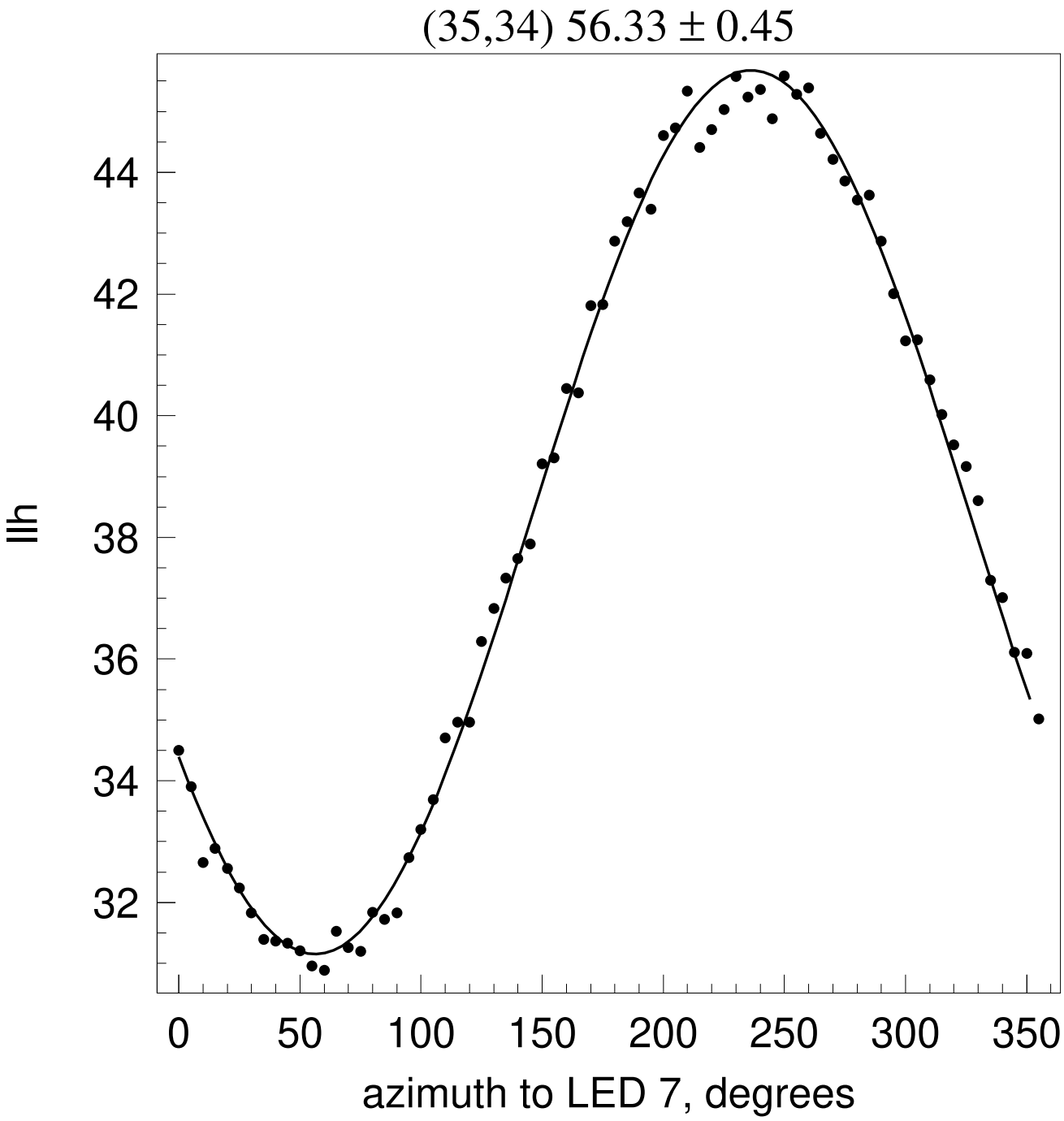

(35,29) 3.91 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

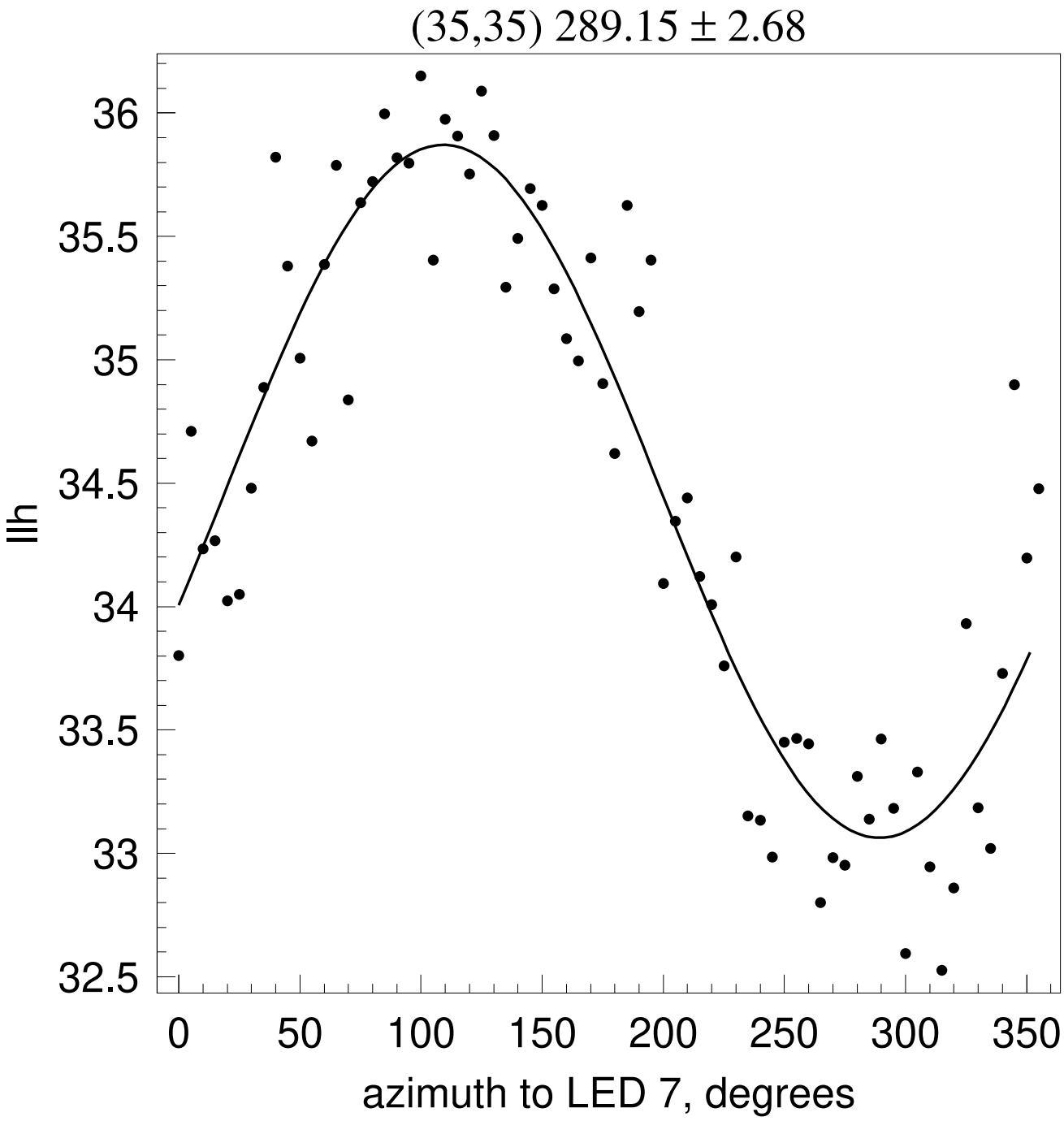

(35,30) 9.49 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

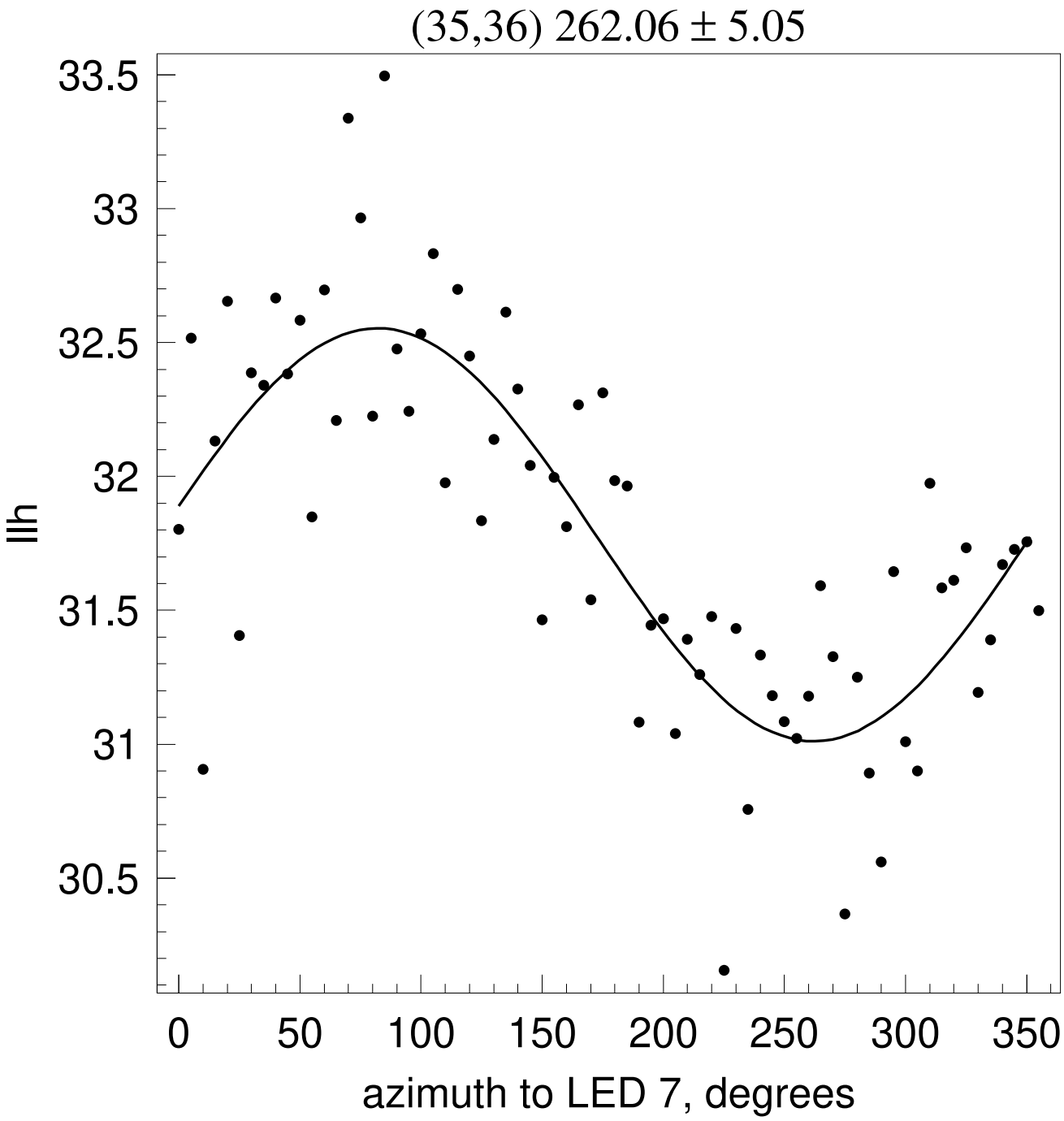

(35,31) 321.66 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

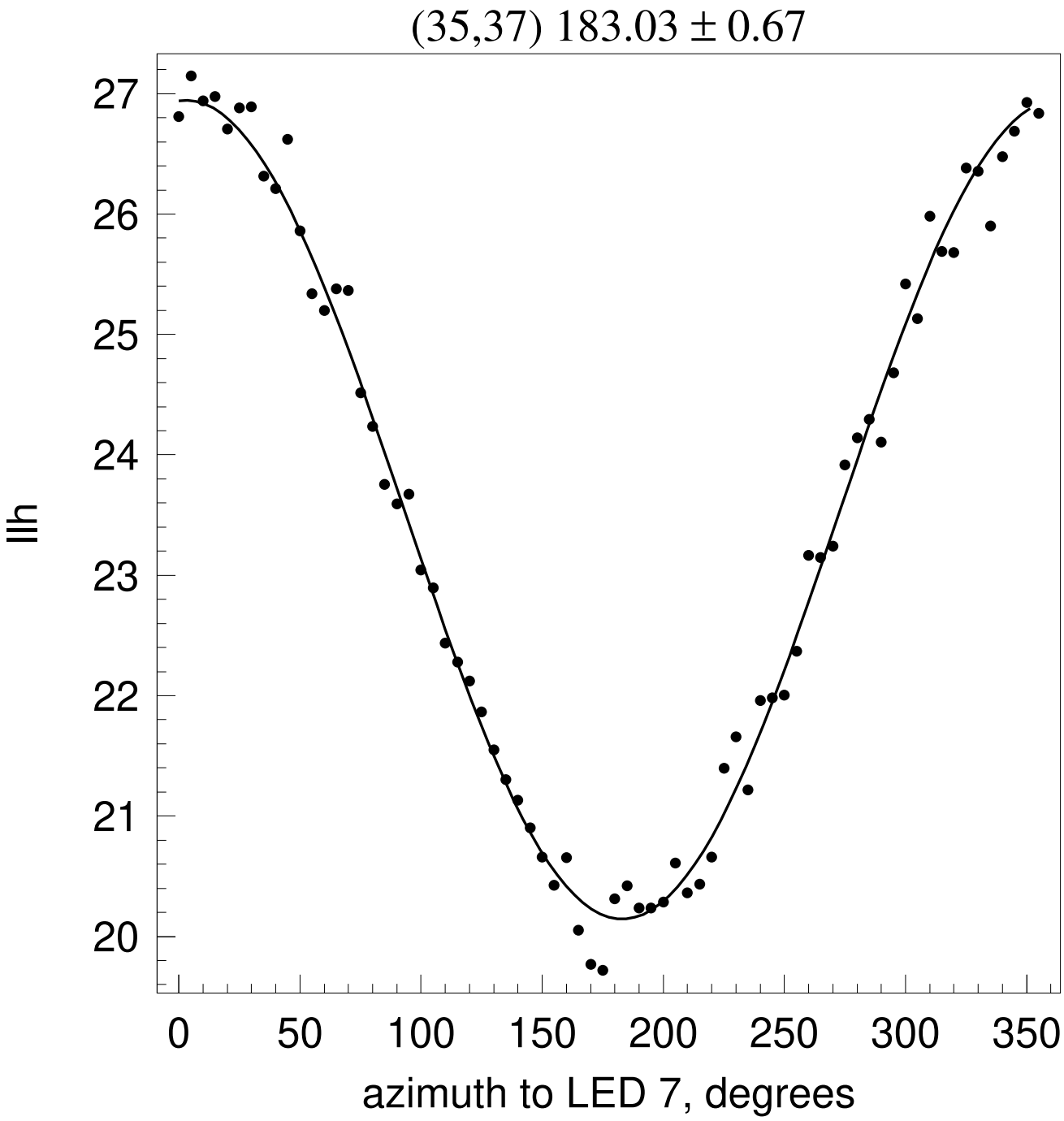

(35,32) 47.05 ± 0.12
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

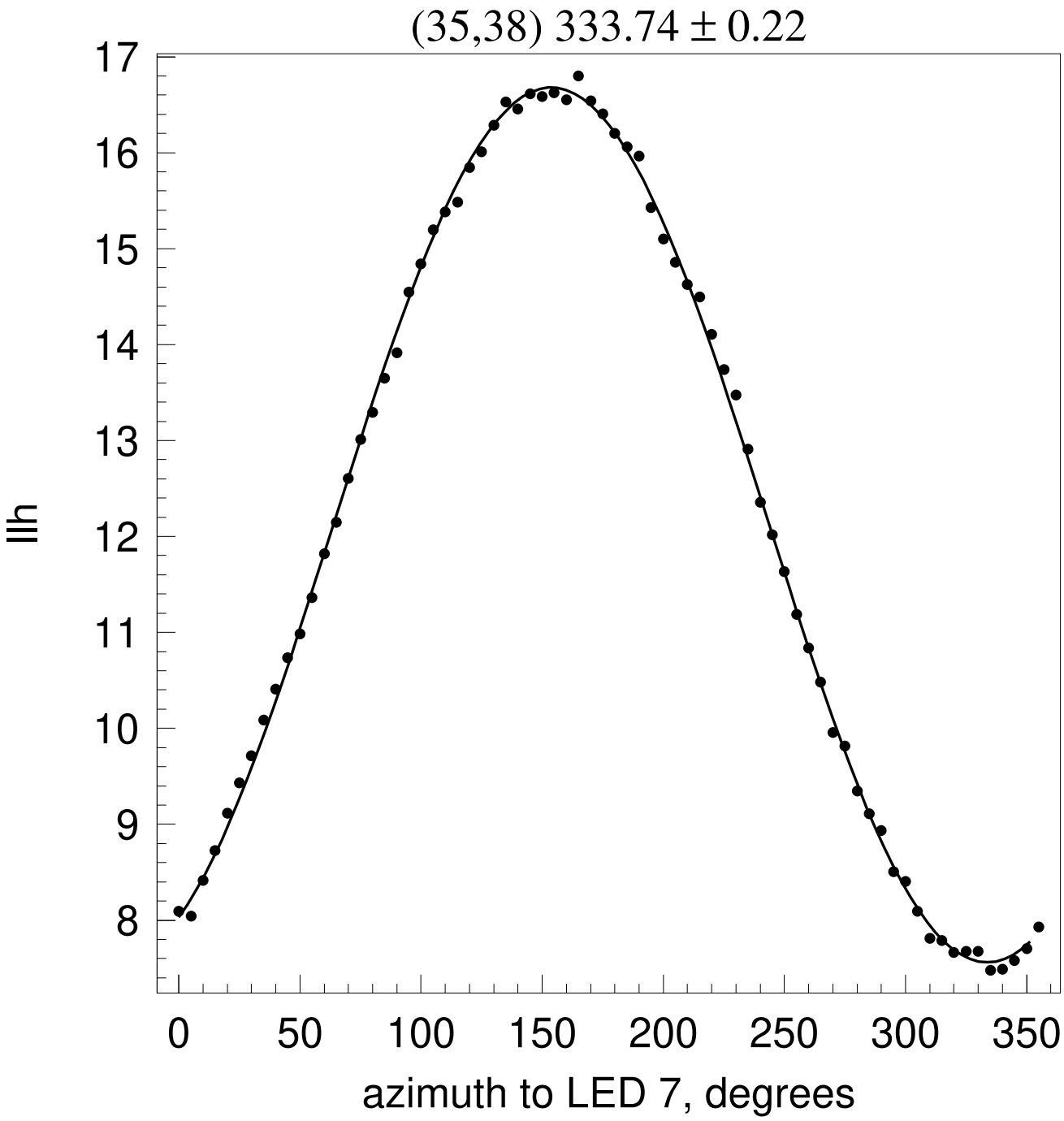

(35,33) 359.80 ± 0.36
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

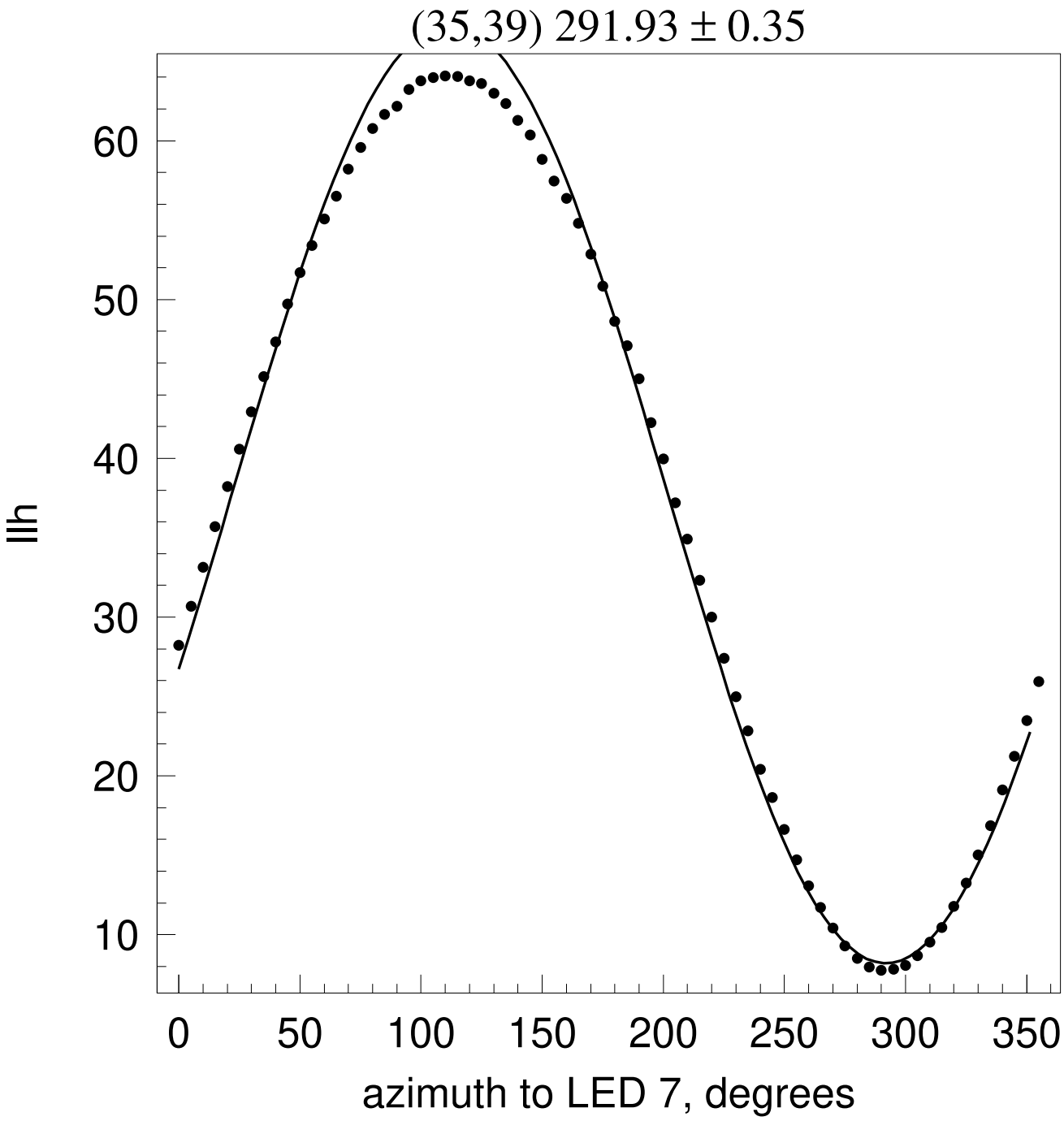

(35,34) 56.33 ± 0.45
44
42
40
38
36
34
32
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

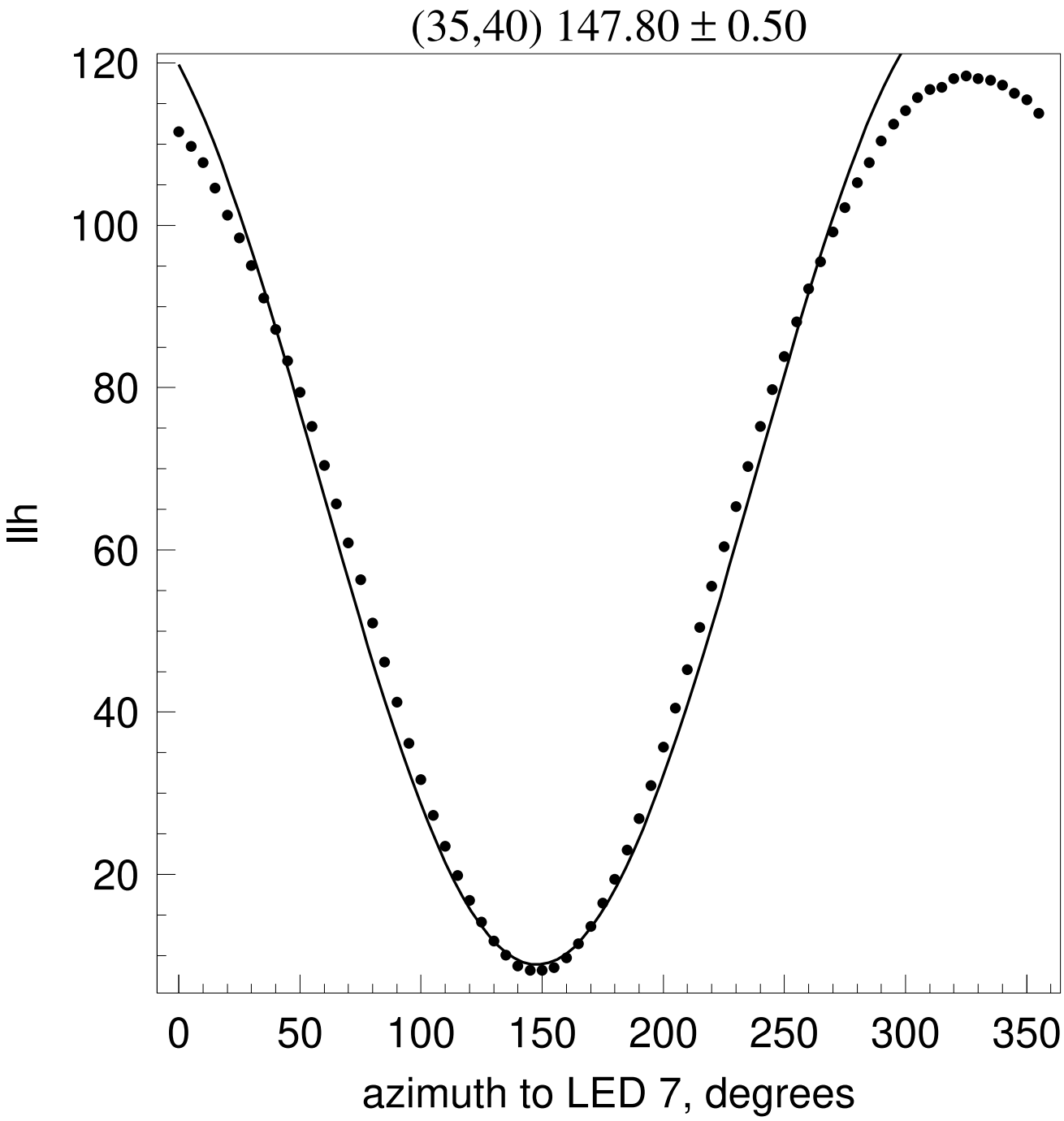

(35,35) 289.15 ± 2.68
36
35.5
35
34.5
34
33.5
33
32.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

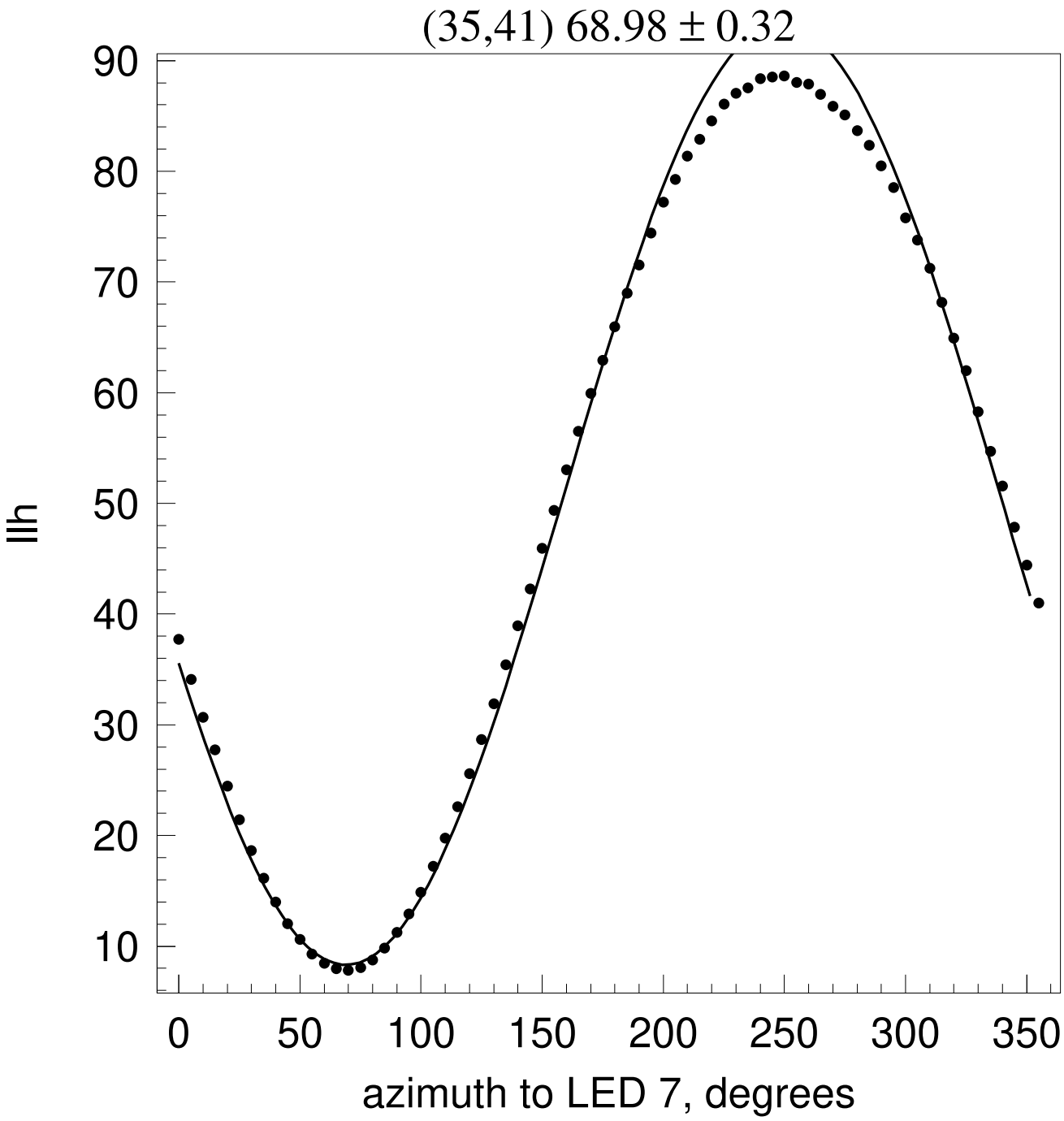

(35,36) 262.06 ± 5.05
33.5
33
32.5
32
31.5
31
30.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

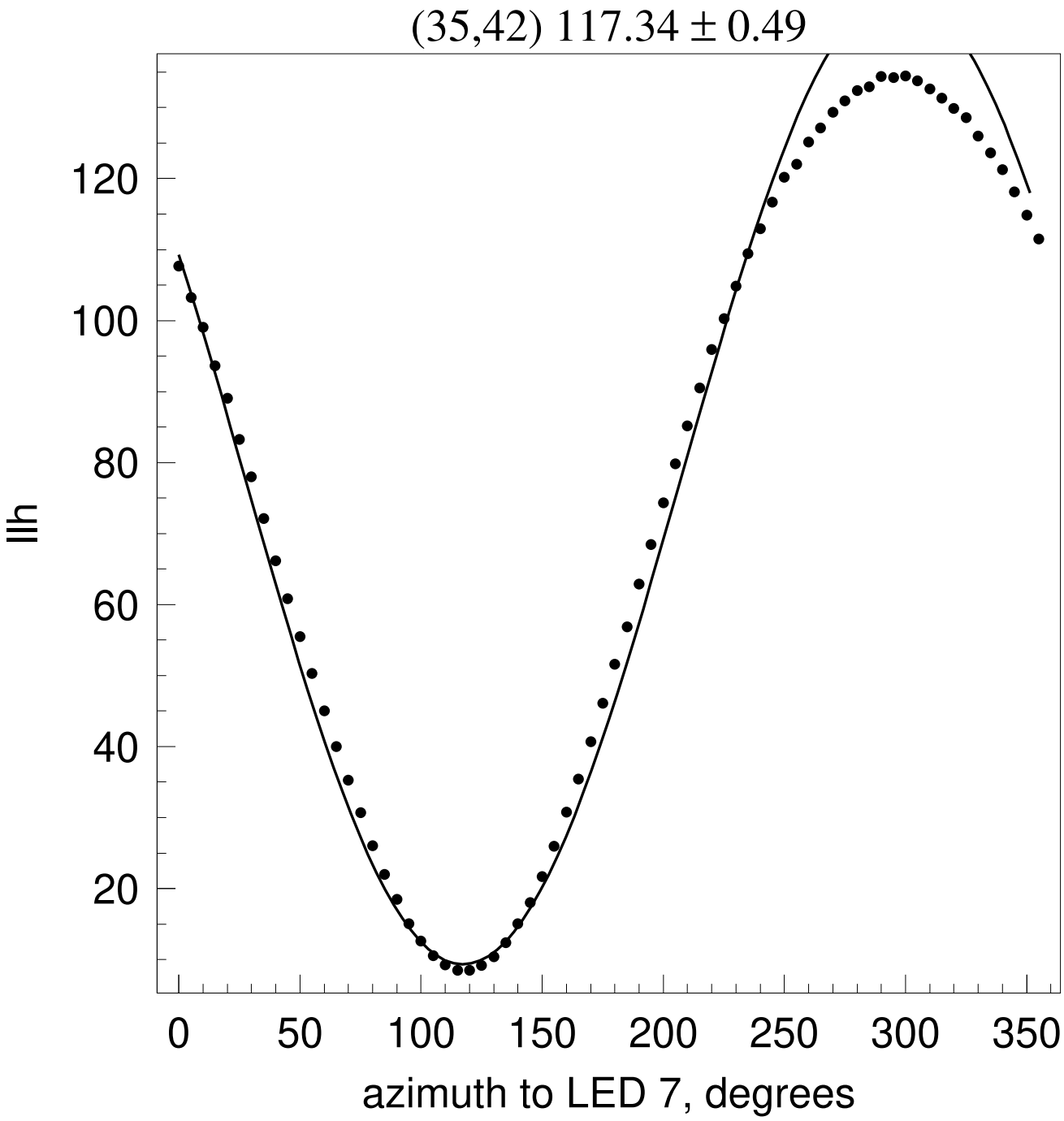

(35,37) 183.03 ± 0.67
27
26
25
24
23
22
21
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

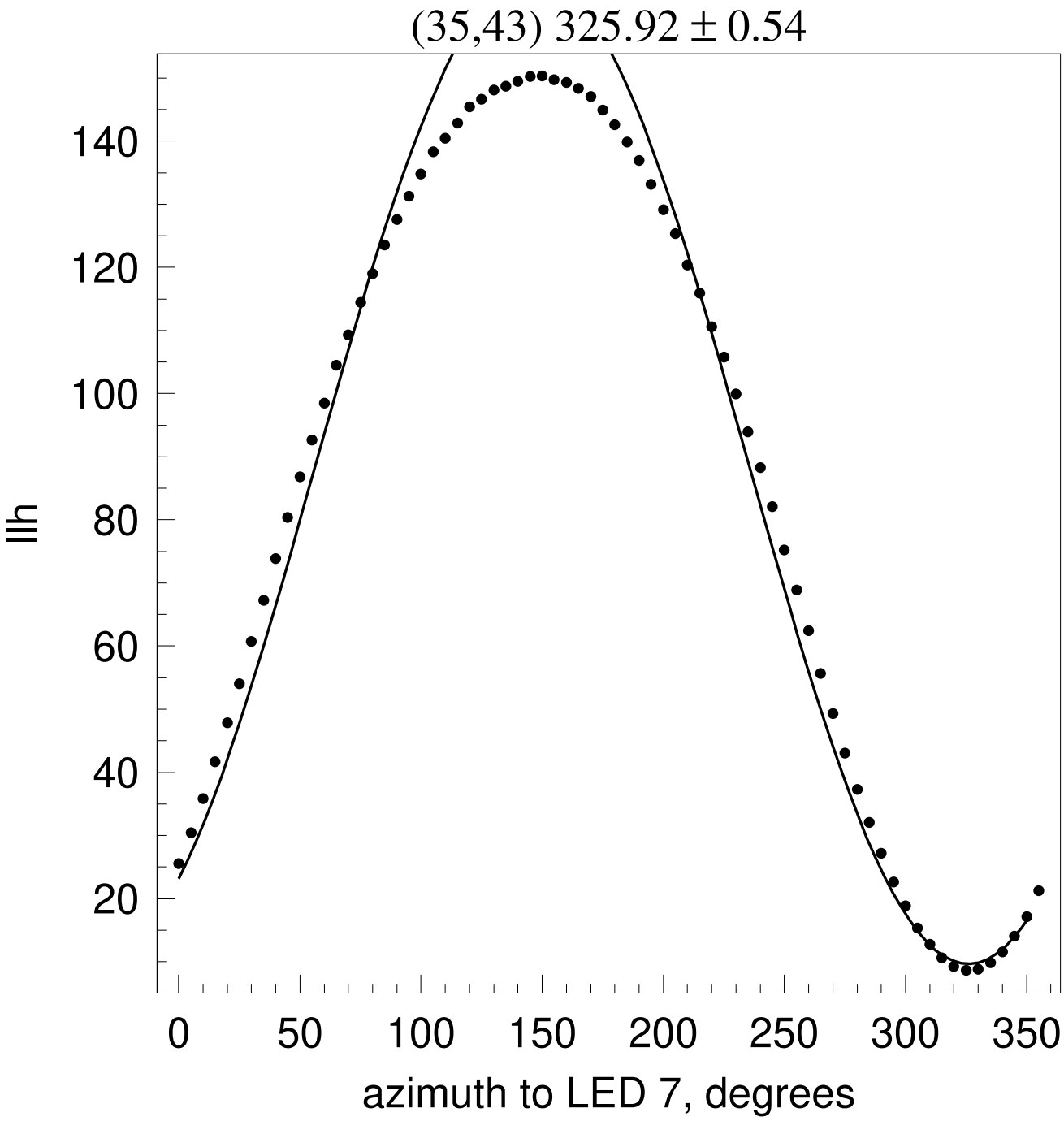

(35,38) 333.74 ± 0.22
17
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

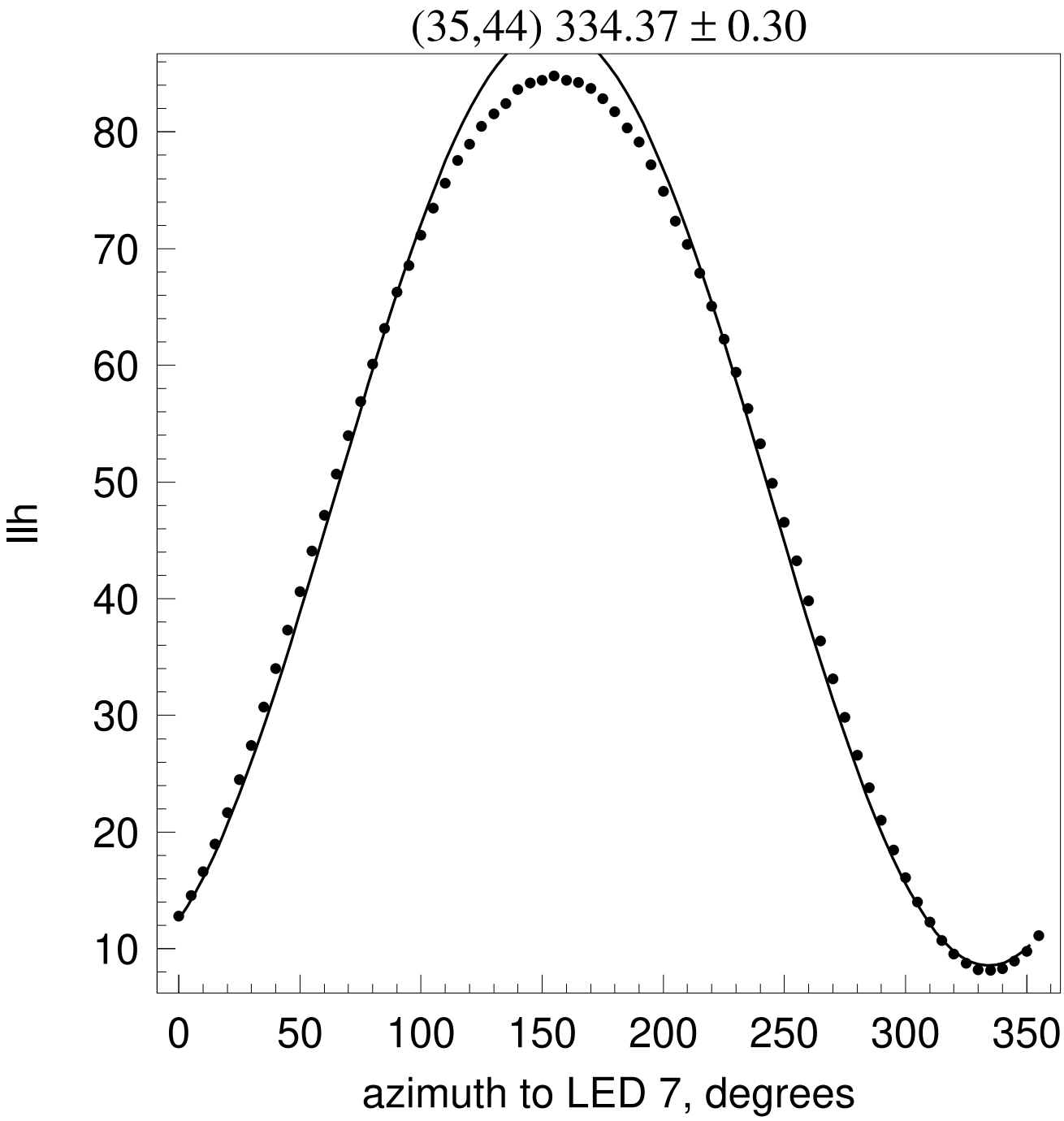

(35,39) 291.93 ± 0.35
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

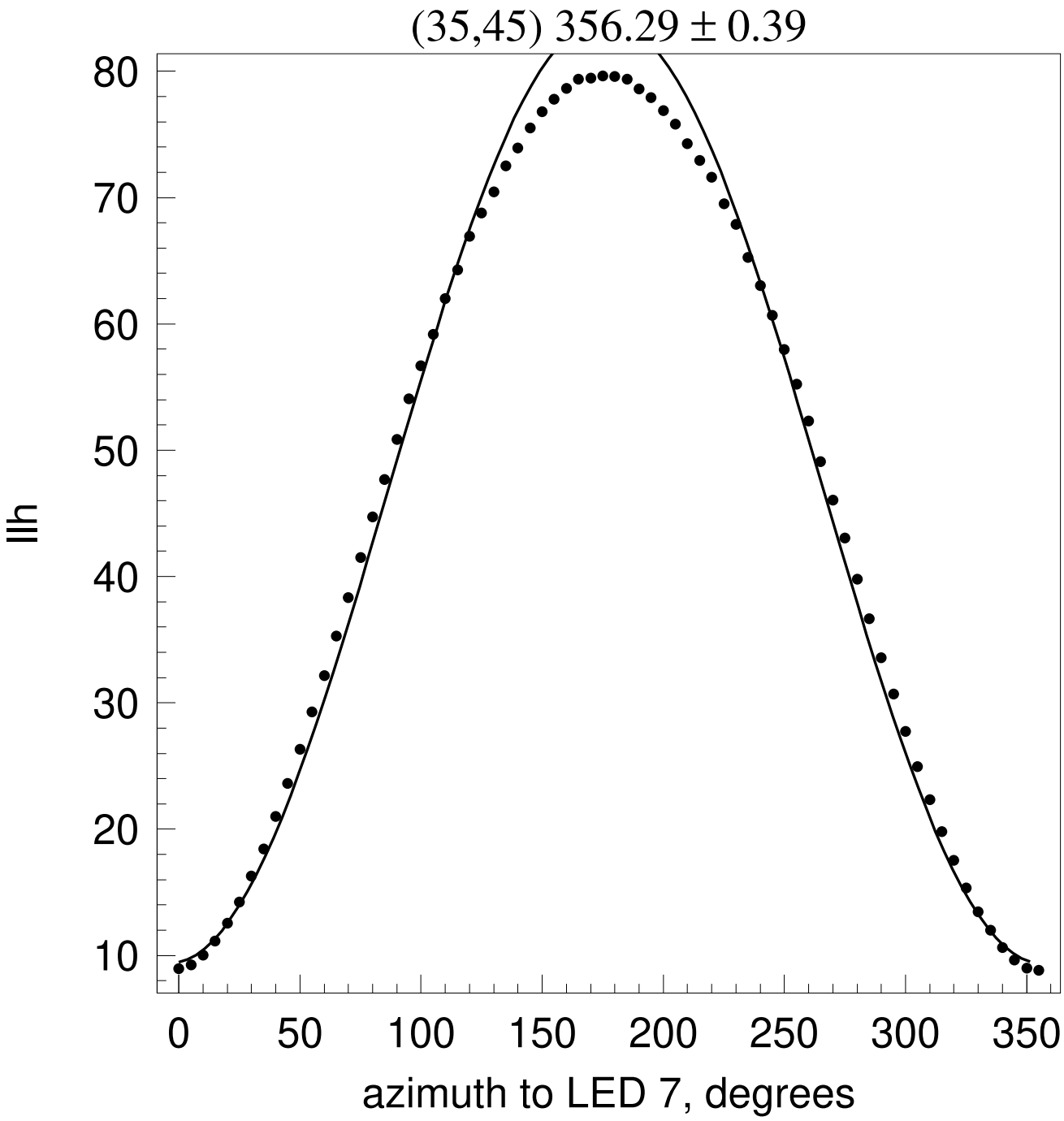

(35,40) 147.80 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

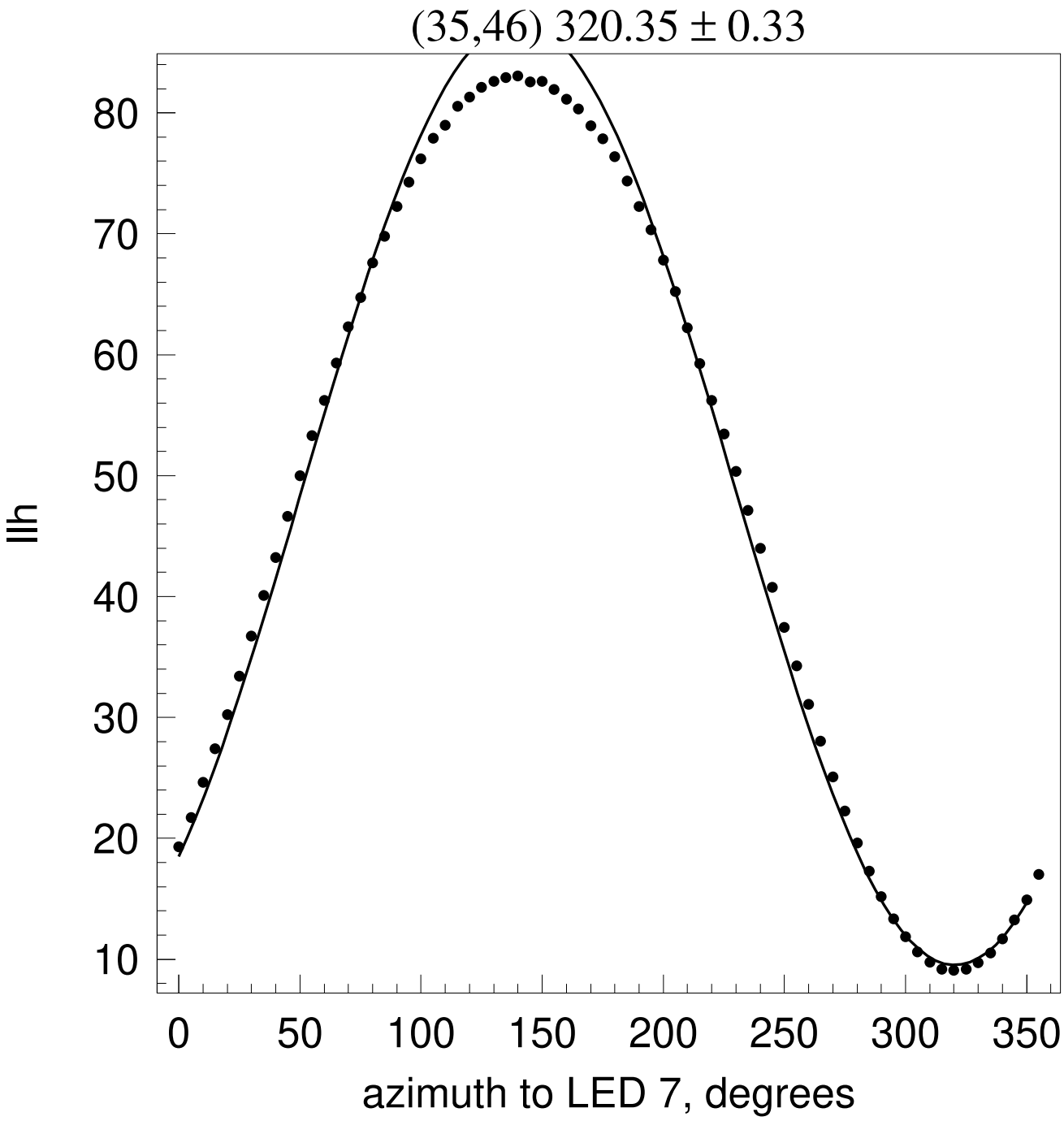

(35,41) 68.98 ± 0.32
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

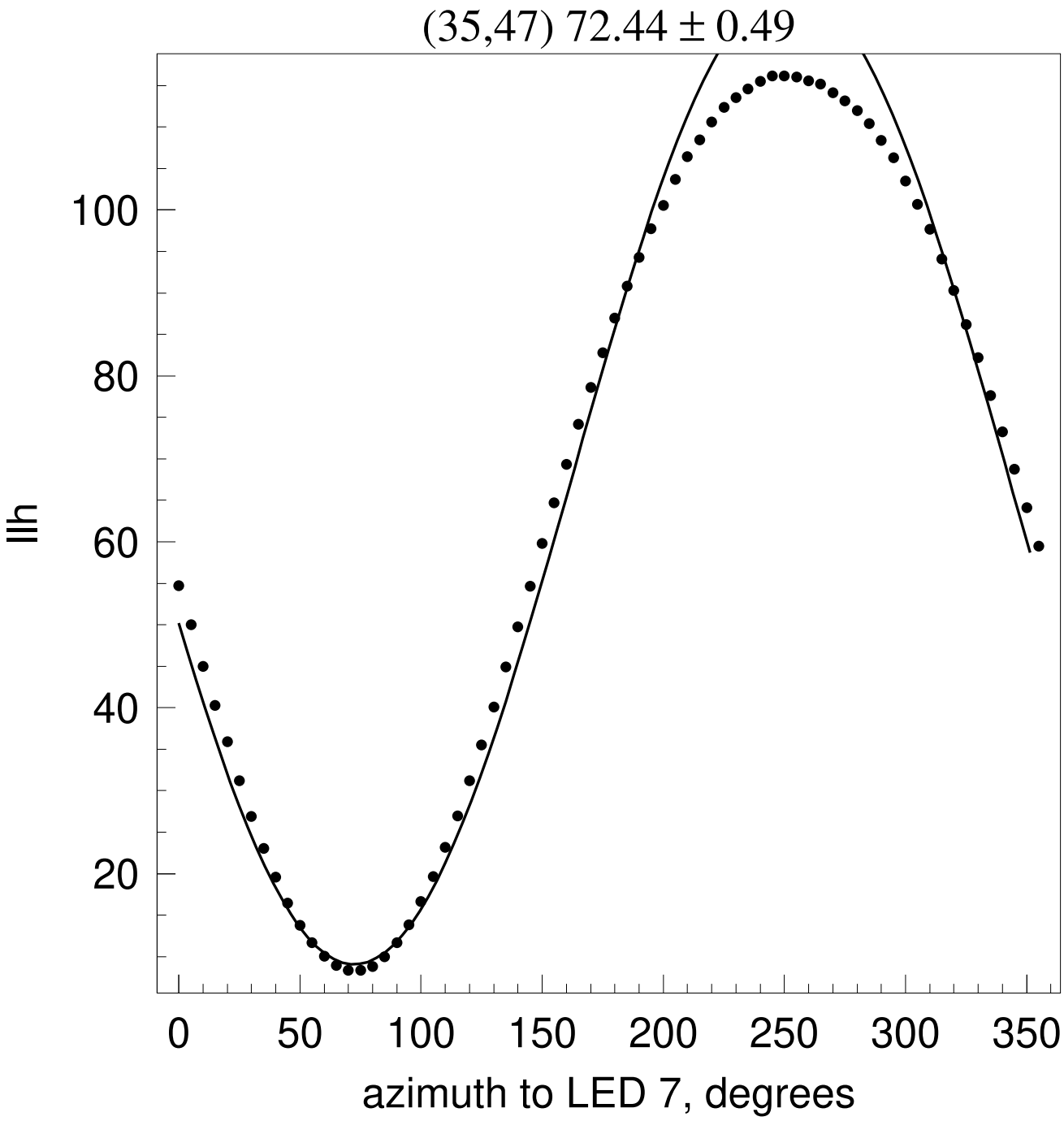

(35,42) 117.34 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

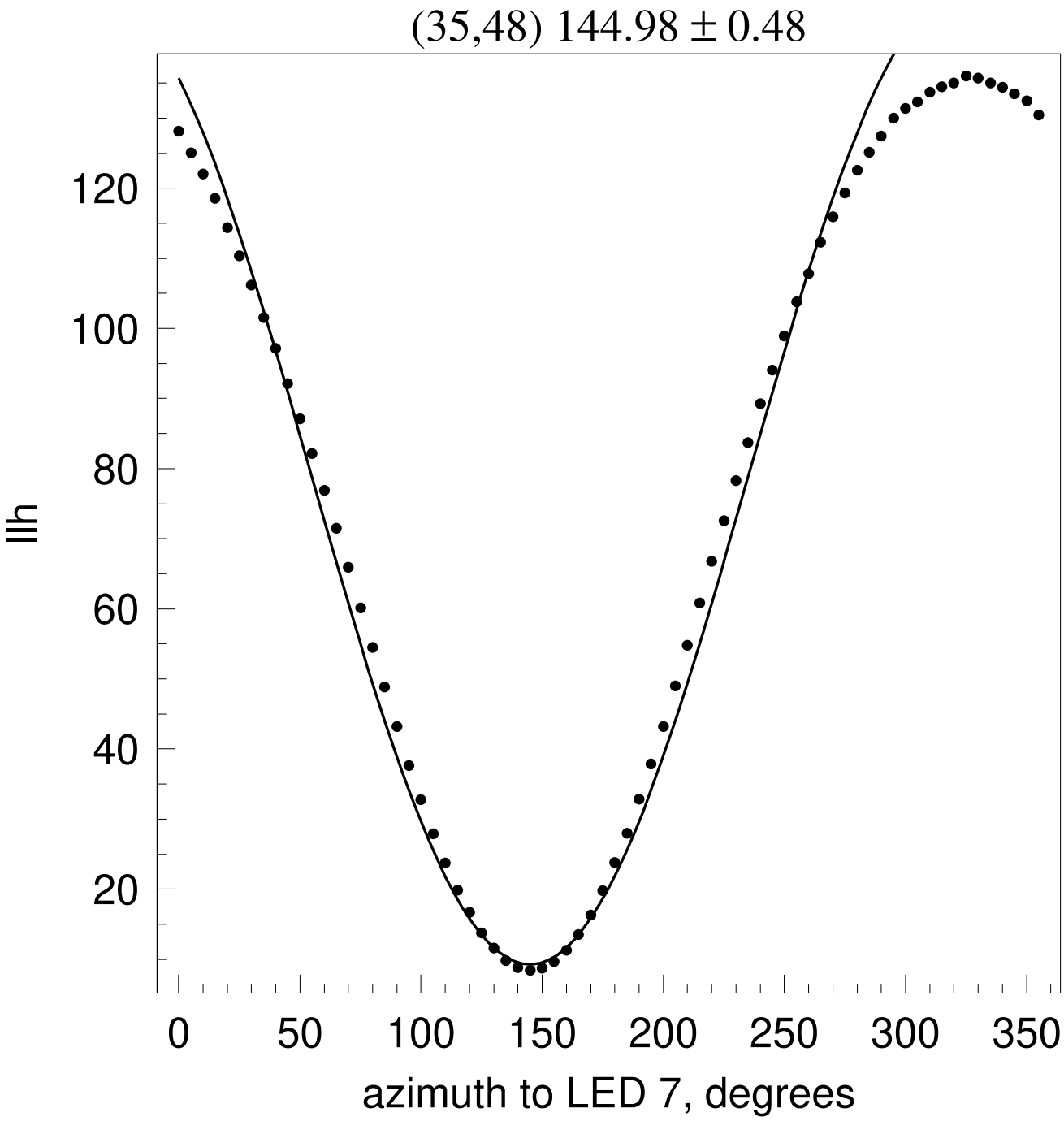

(35,43) 325.92 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

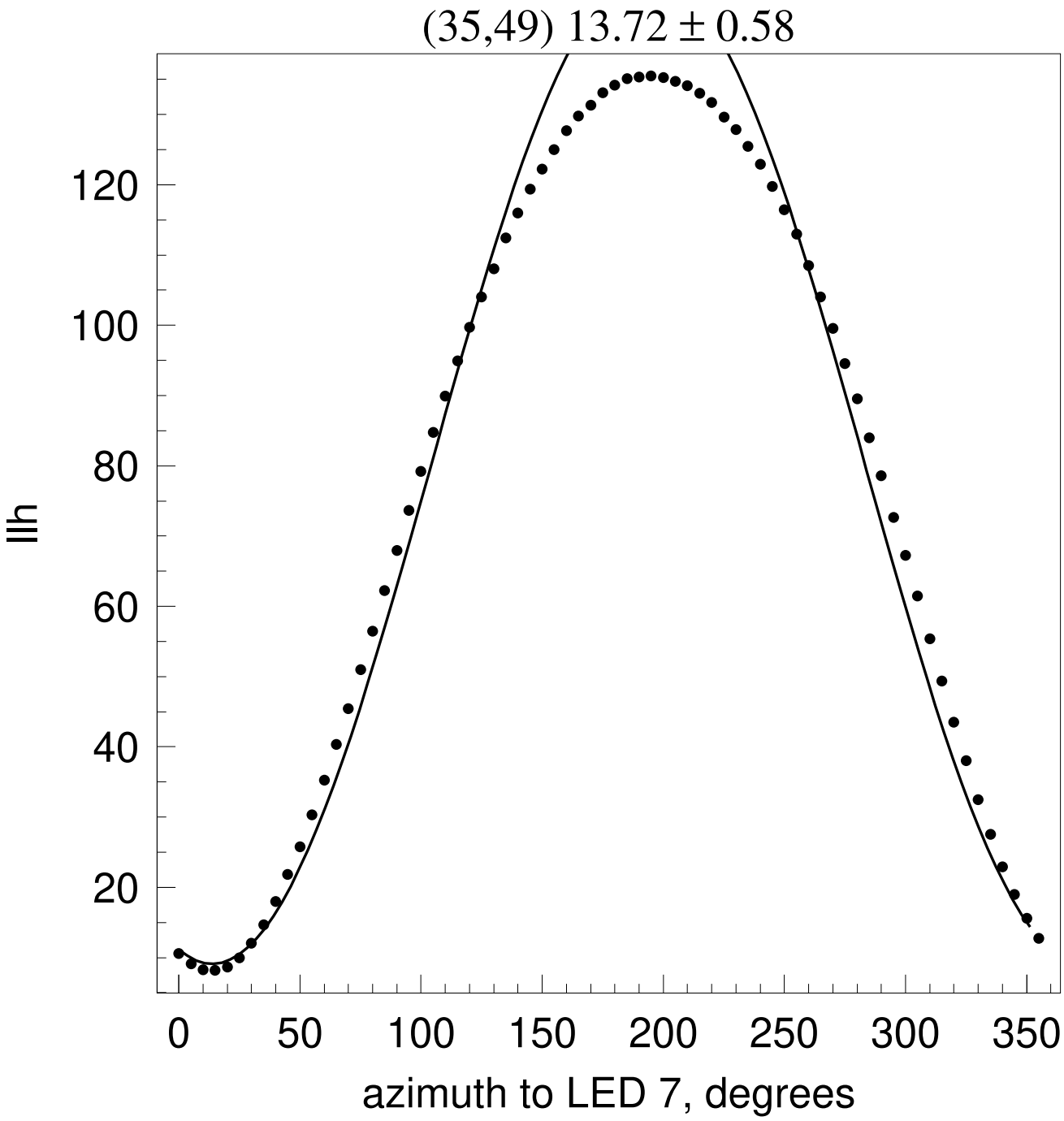

(35,44) 334.37 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

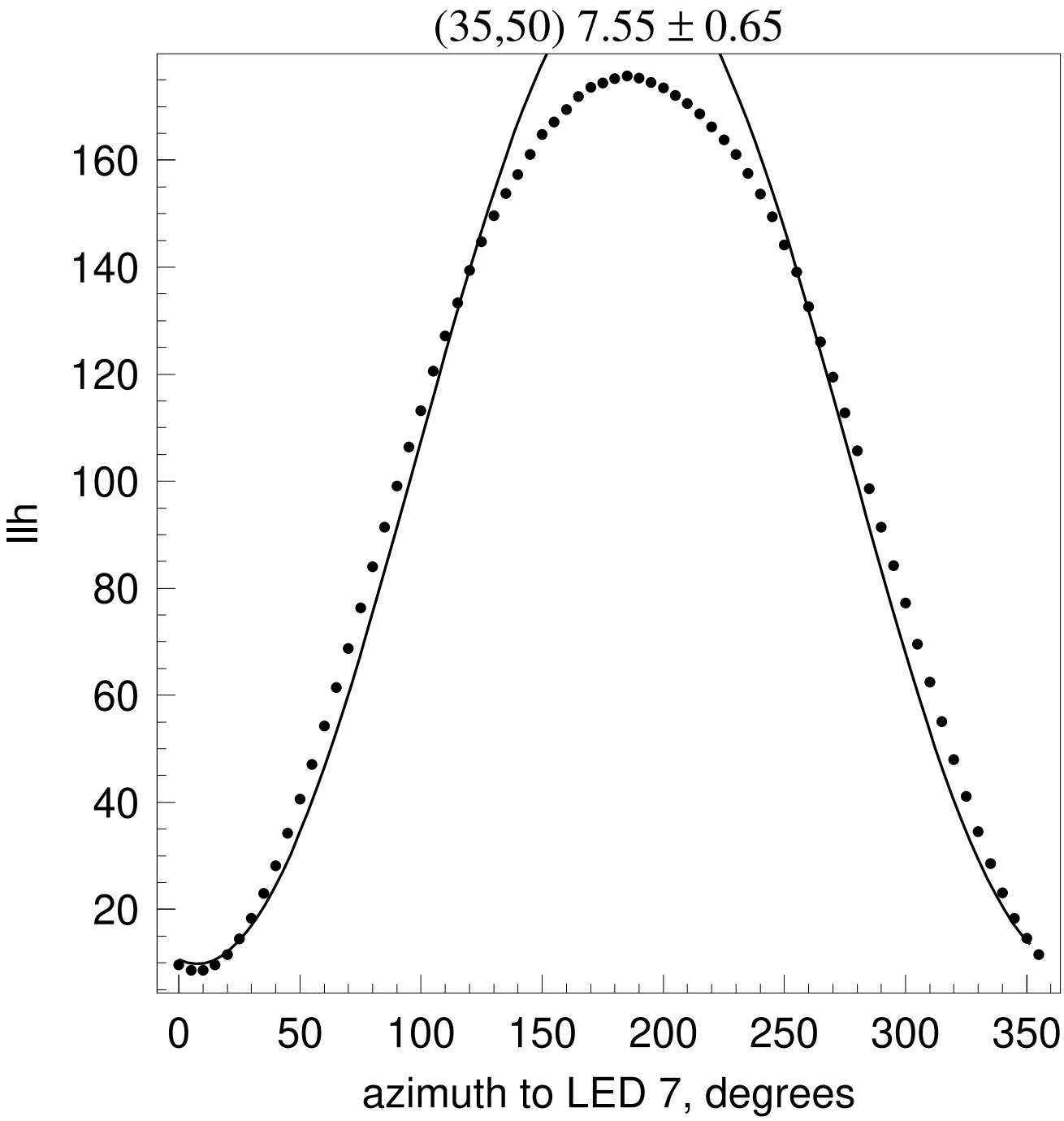

(35,45) 356.29 ± 0.39
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

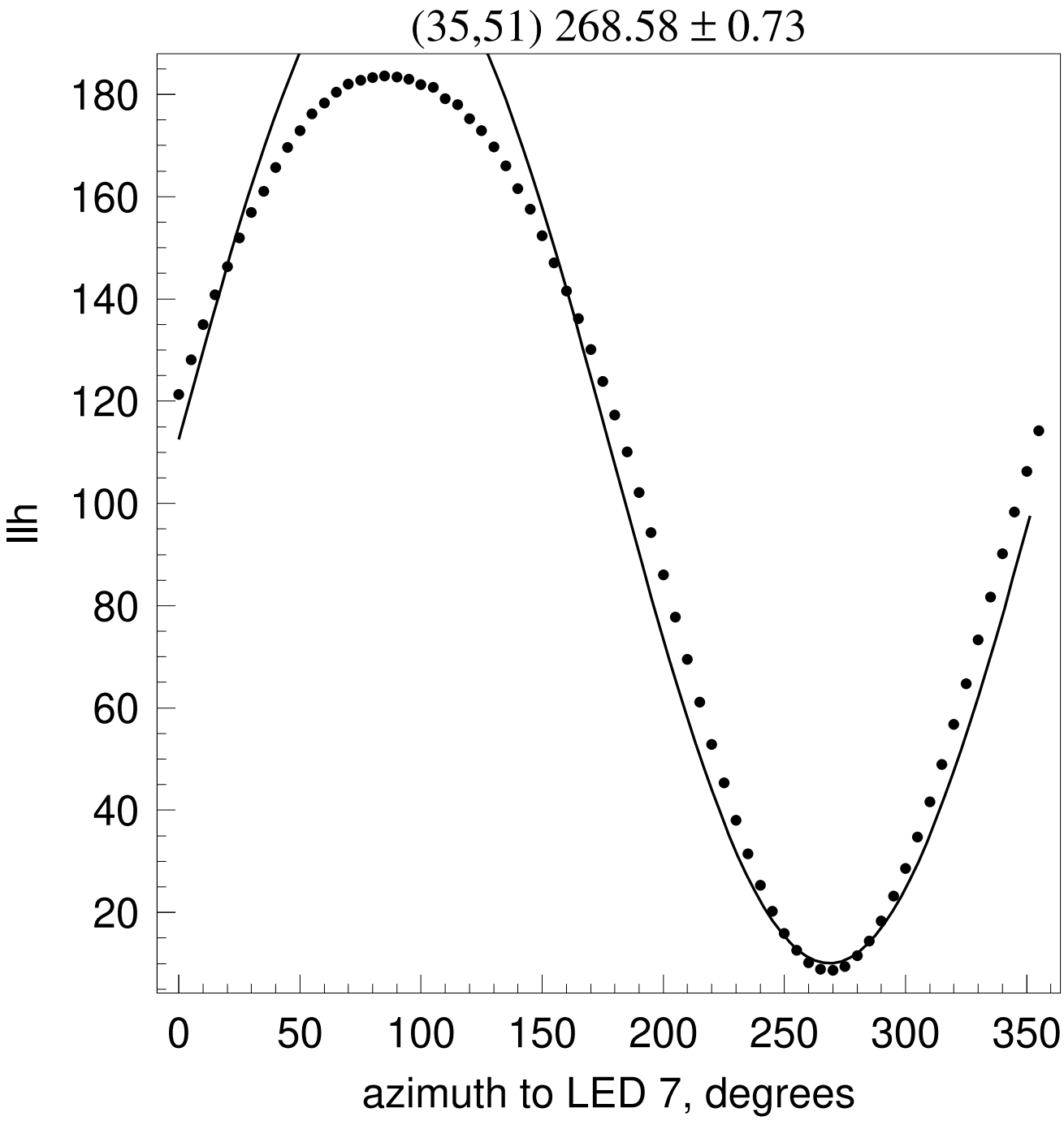

(35,46) 320.35 ± 0.33
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

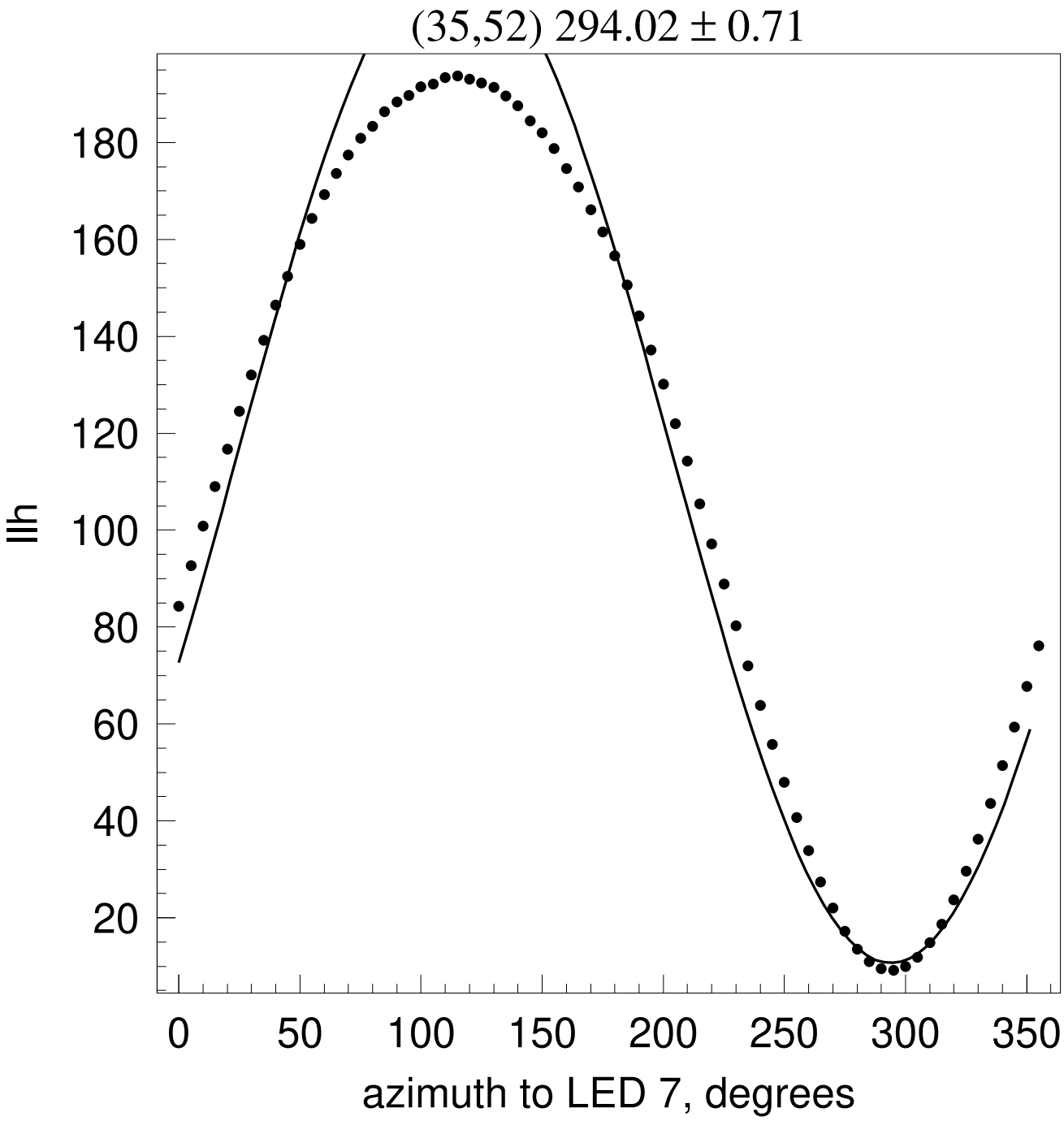

(35,47) 72.44 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

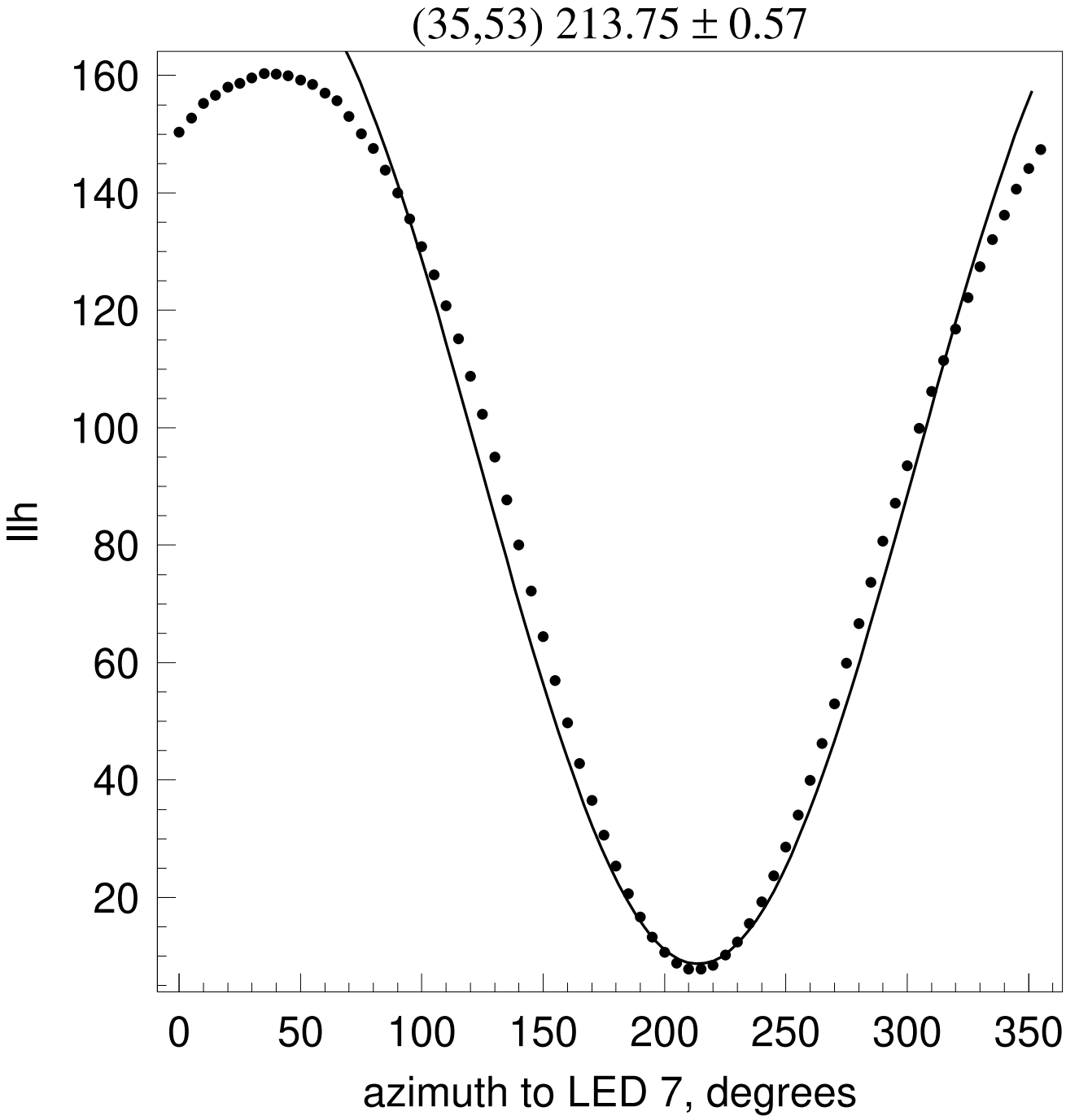

(35,48) 144.98 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

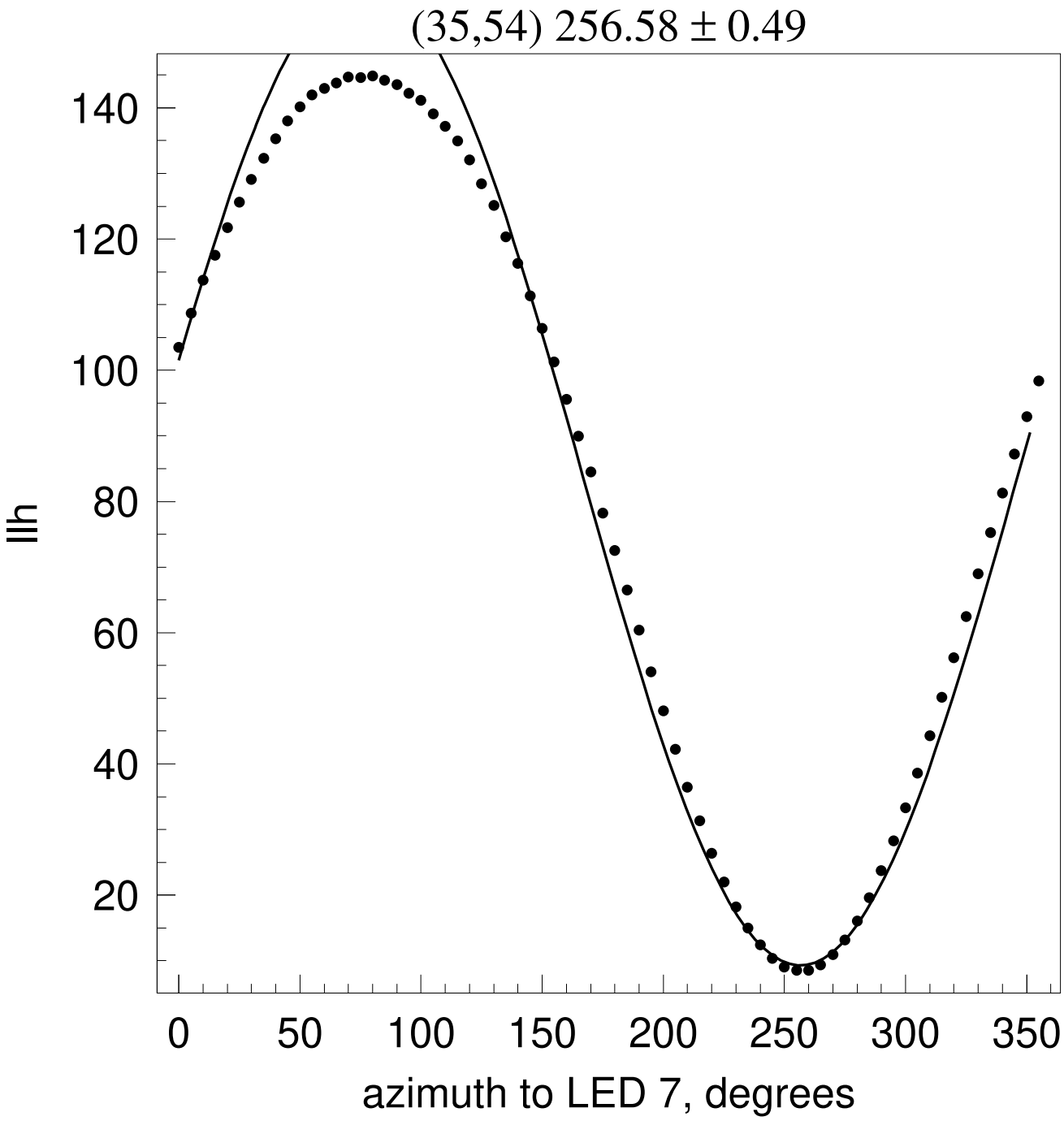

(35,49) 13.72 ± 0.58
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

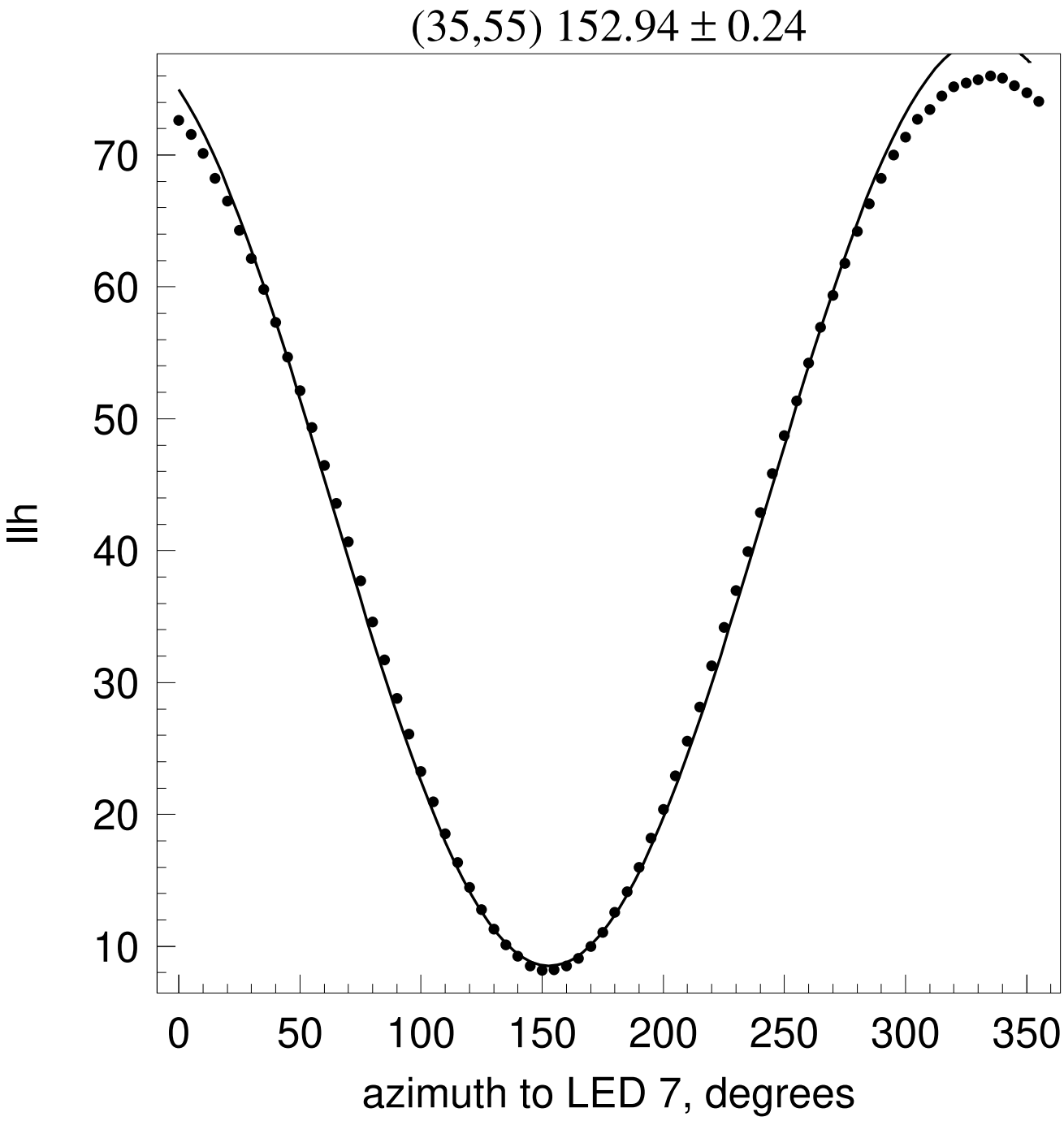

(35,50) 7.55 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

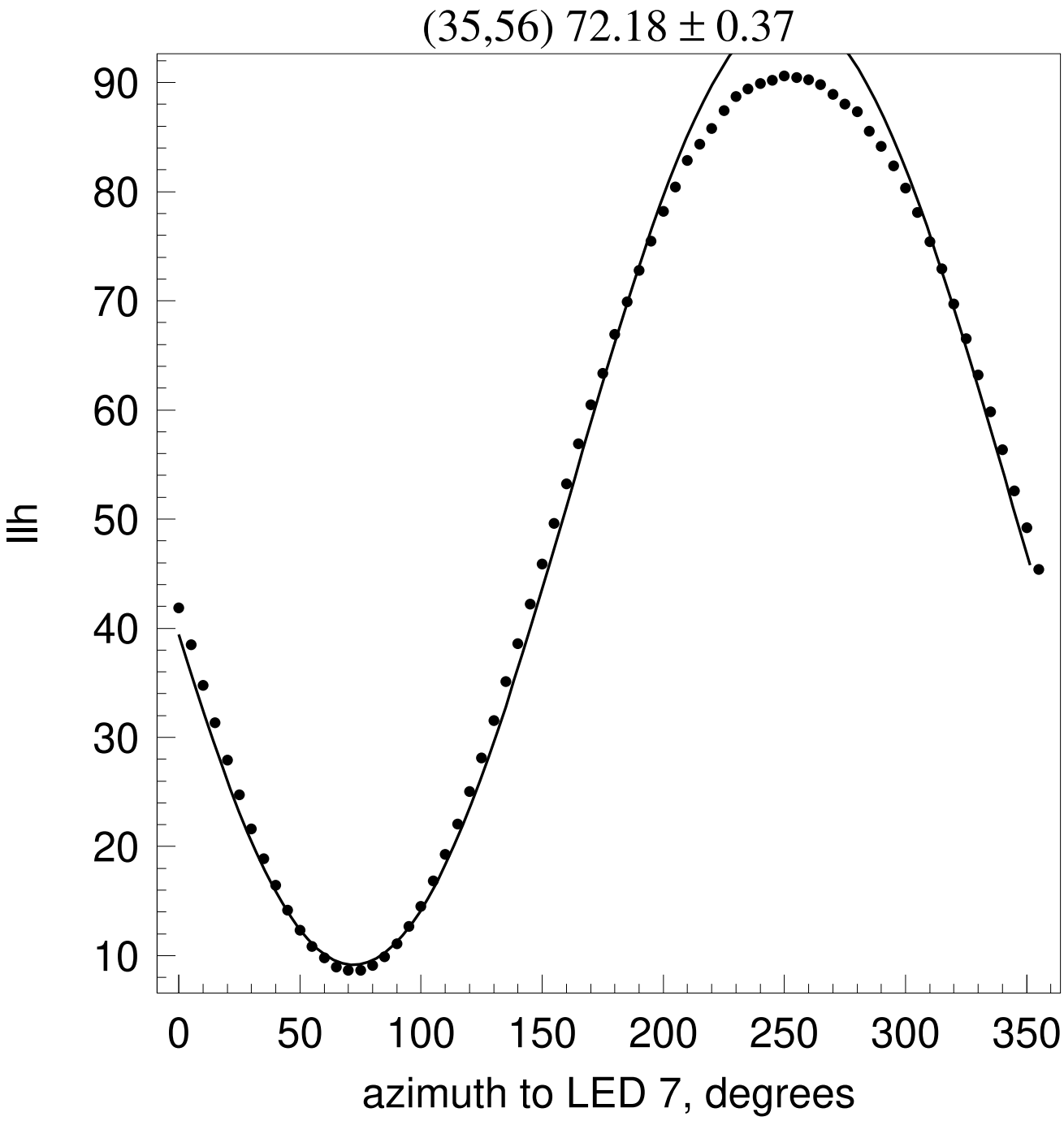

(35,51) 268.58 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

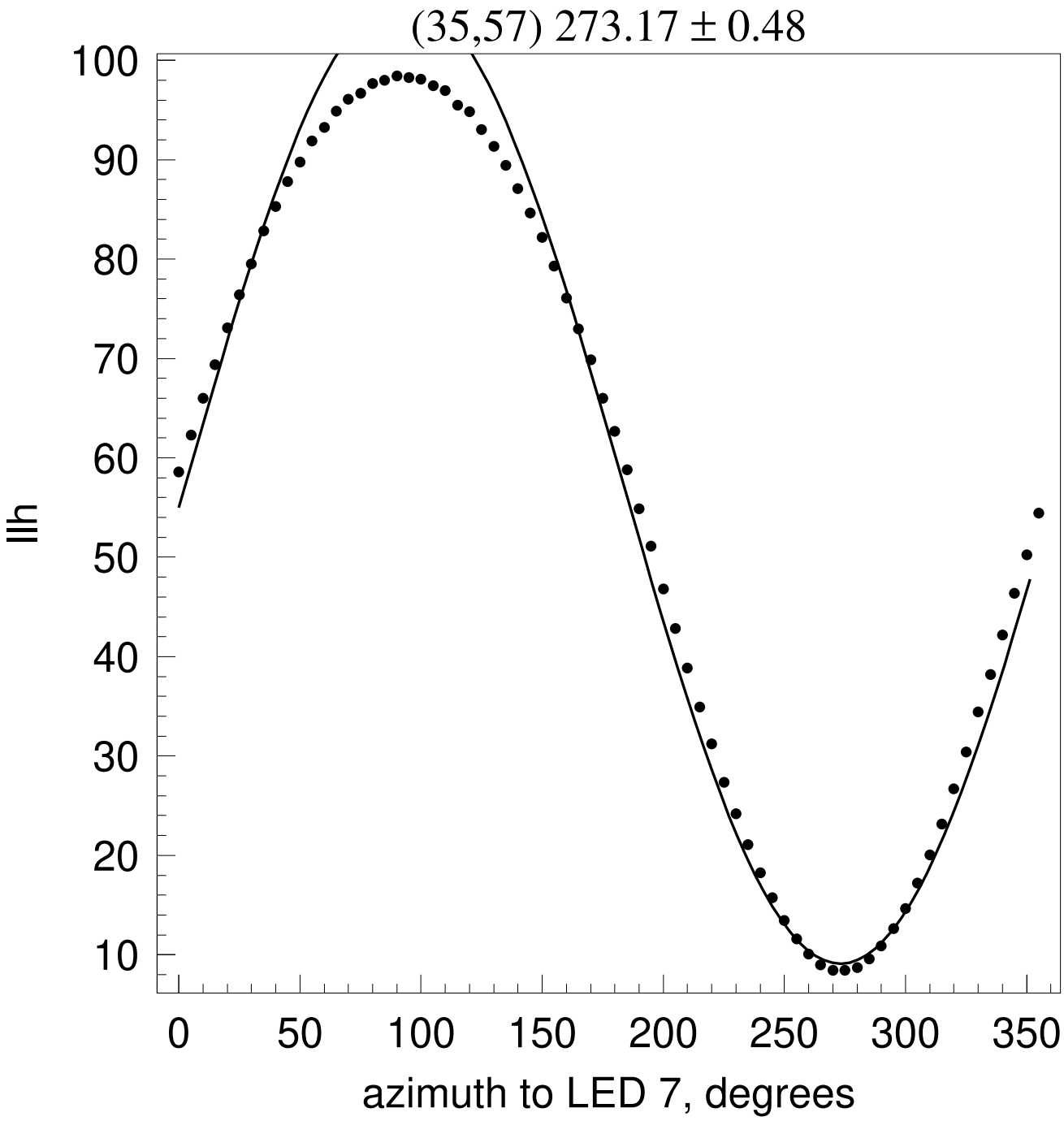

(35,52) 294.02 ± 0.71
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

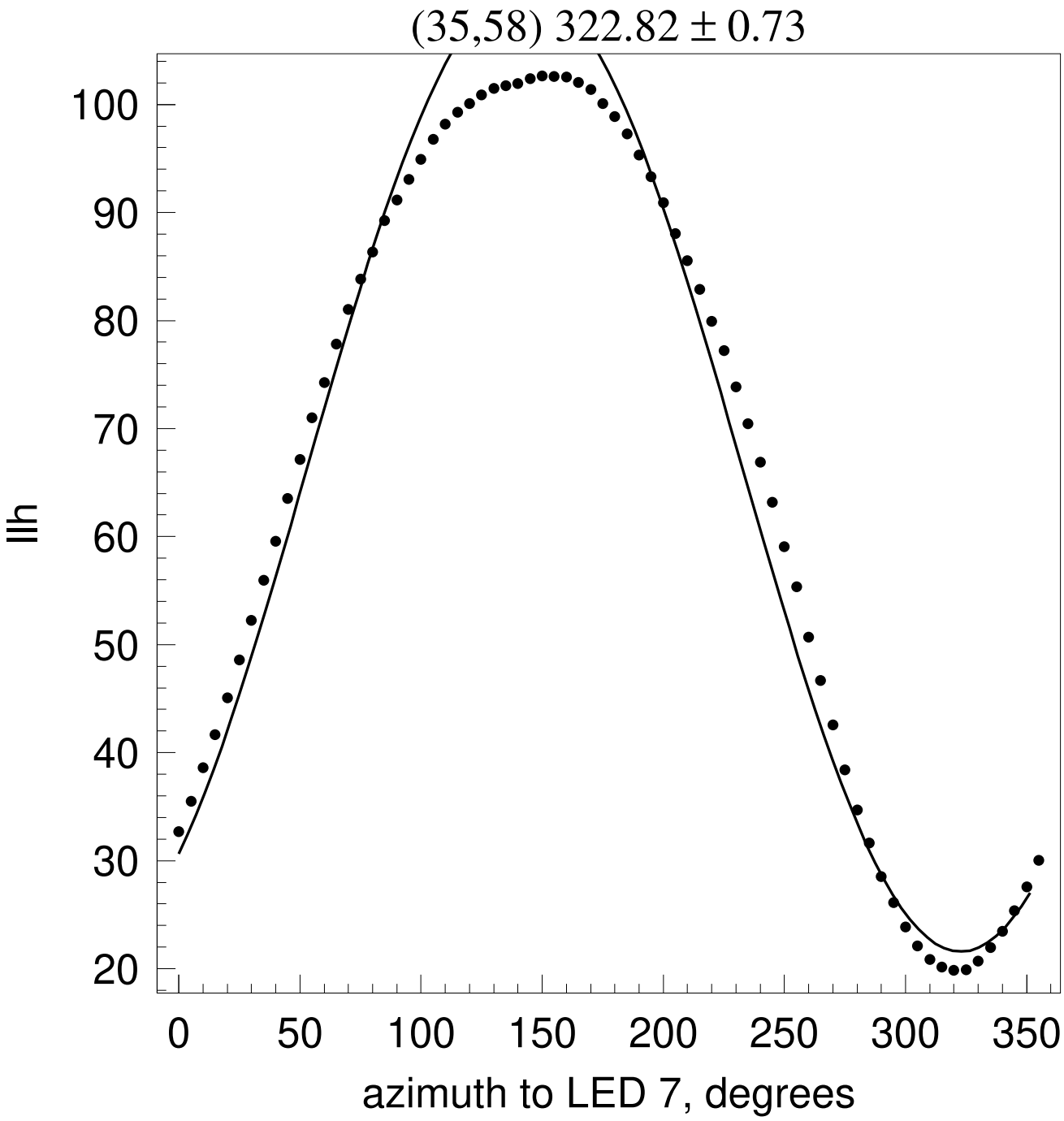

(35,53) 213.75 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

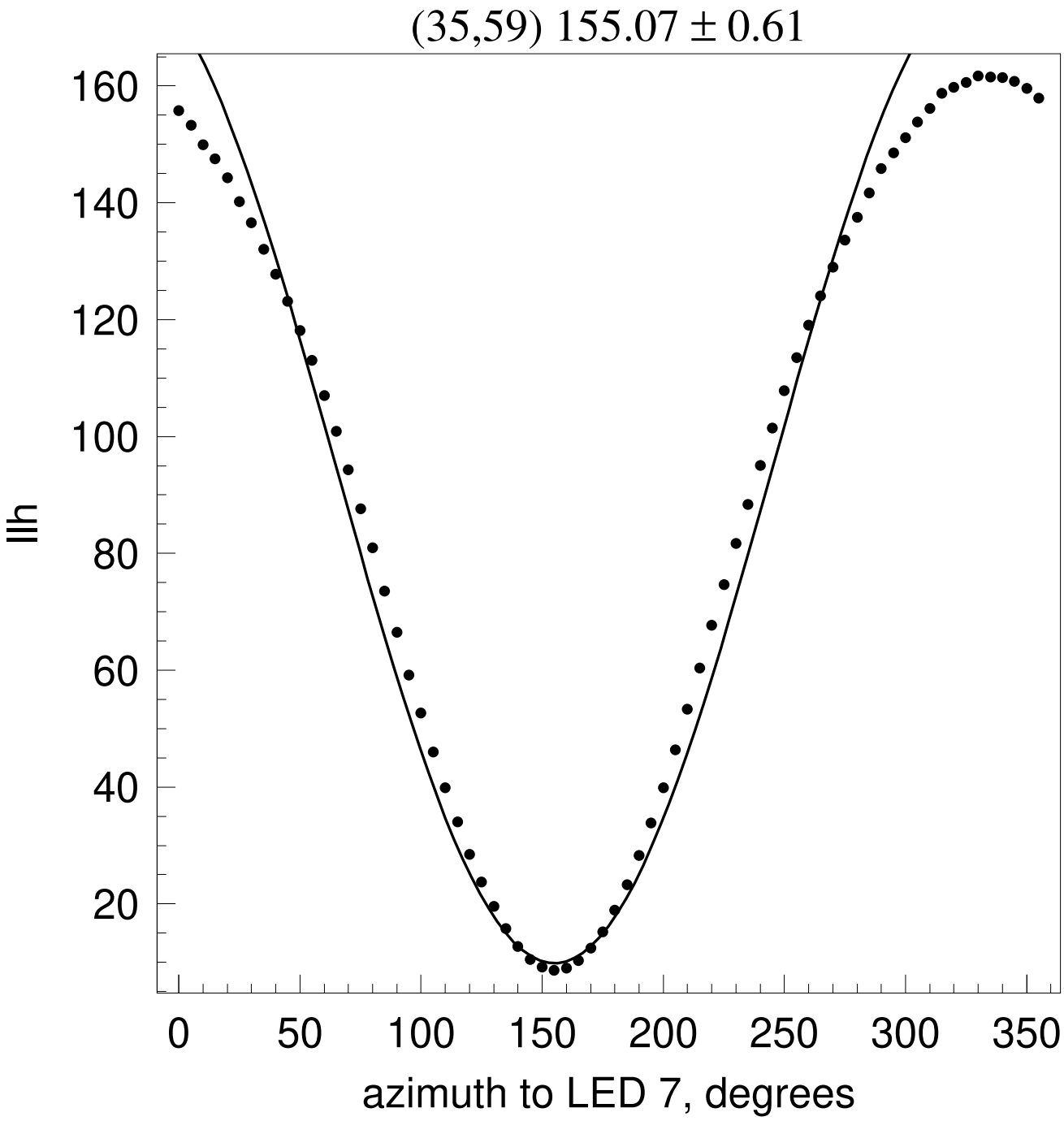

(35,54) 256.58 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

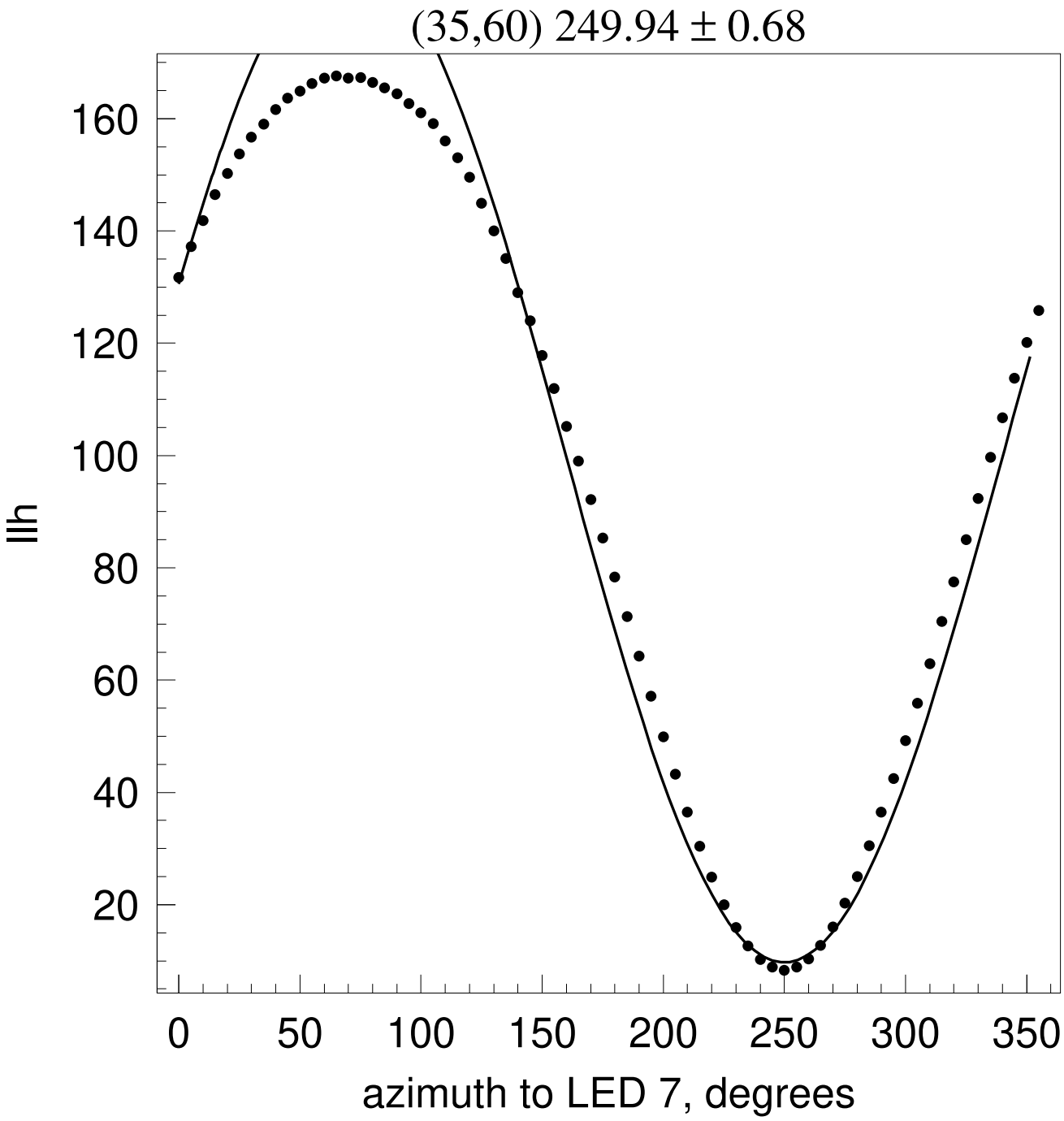

(35,55) 152.94 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

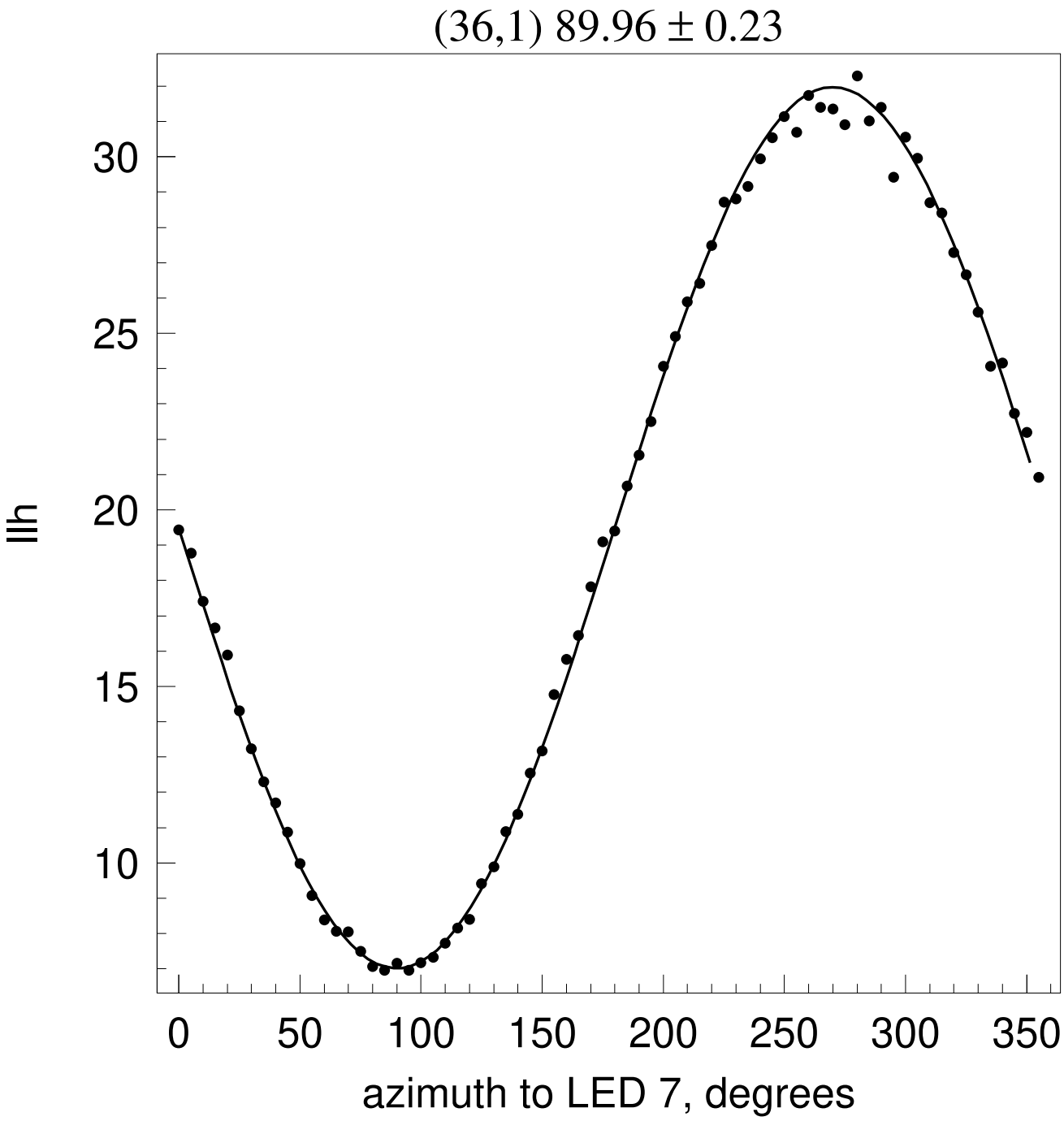

(35,56) 72.18 ± 0.37
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

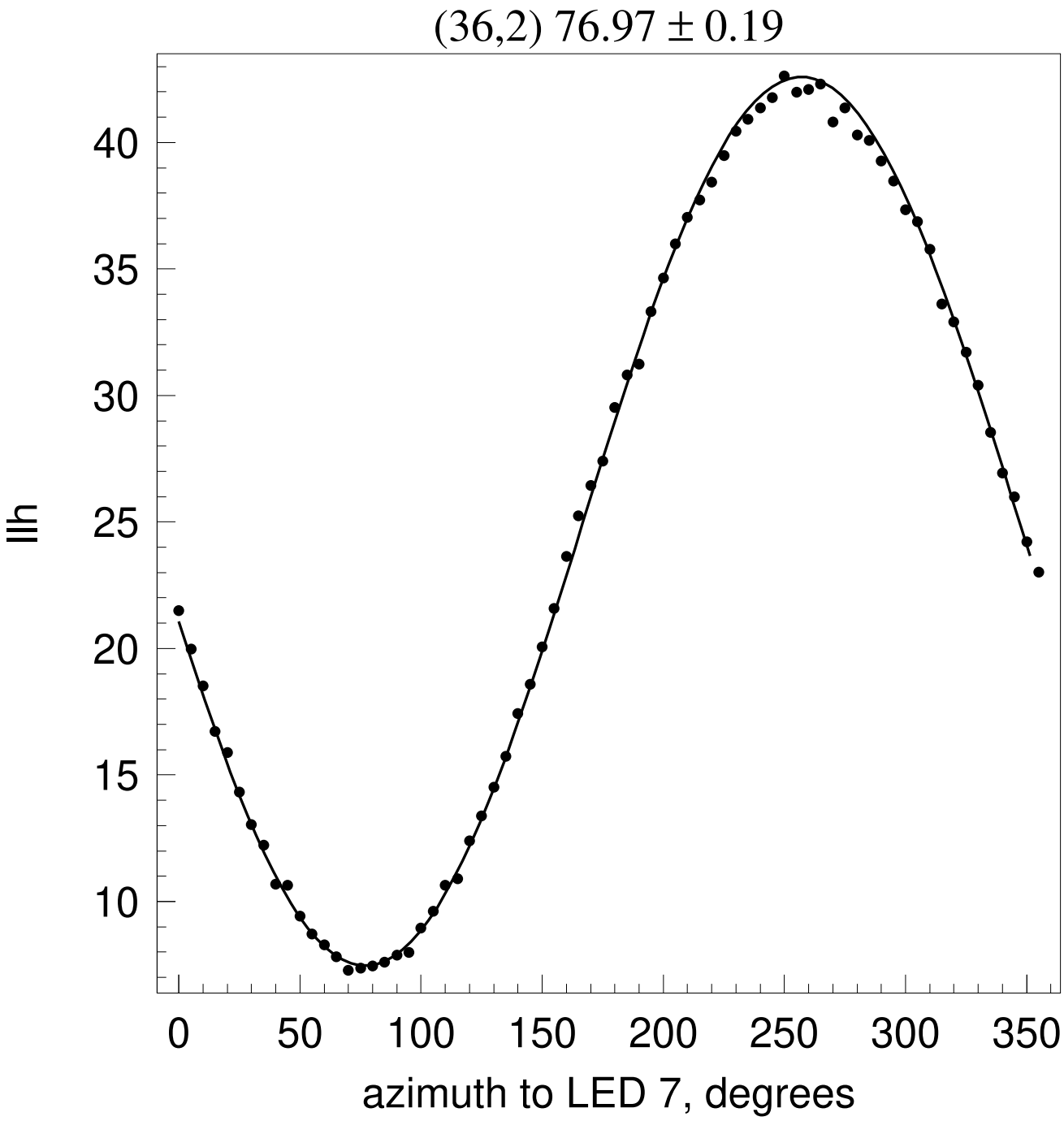

(35,57) 273.17 ± 0.48
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

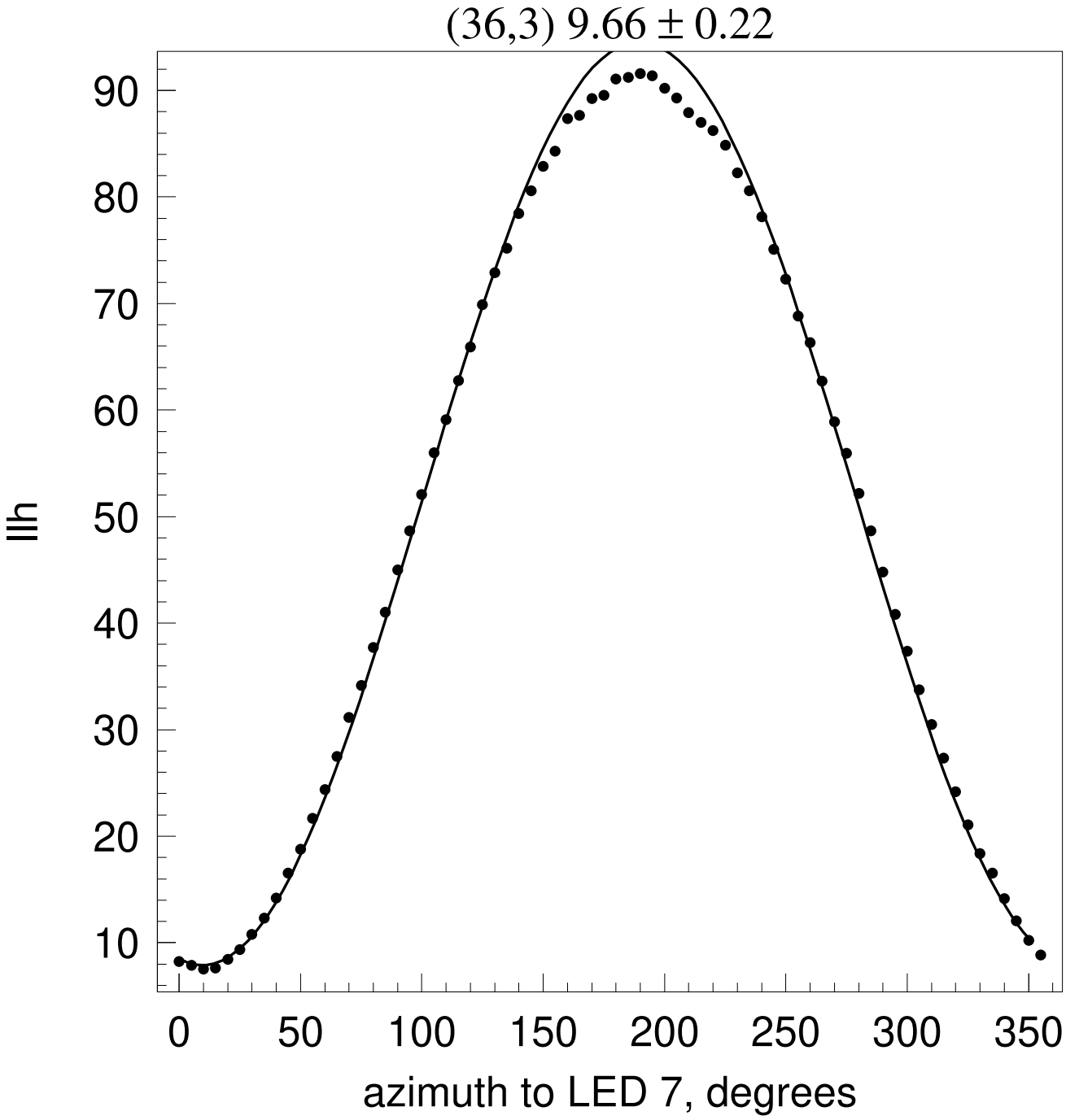

(35,58) 322.82 ± 0.73
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

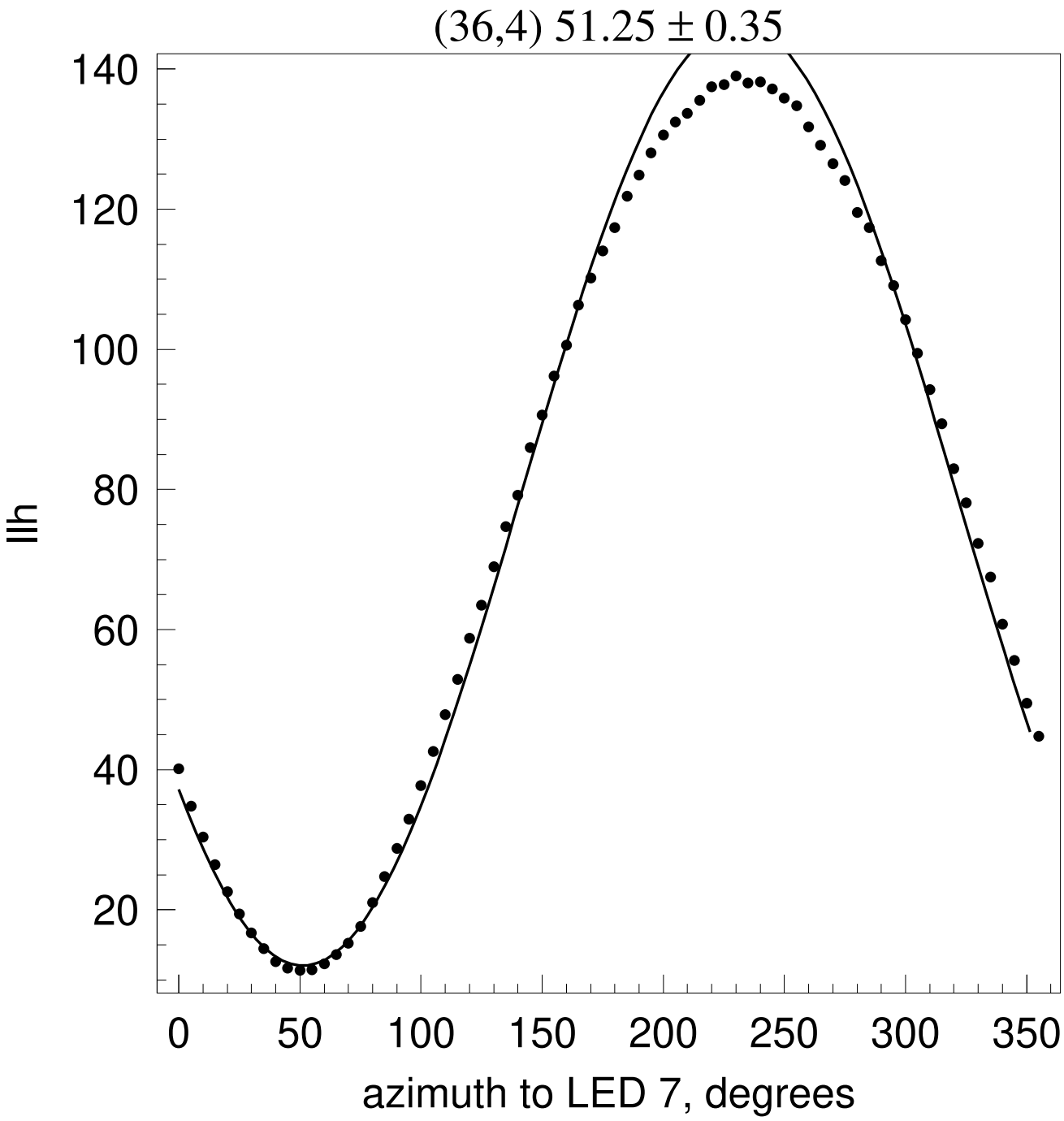

(35,59) 155.07 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

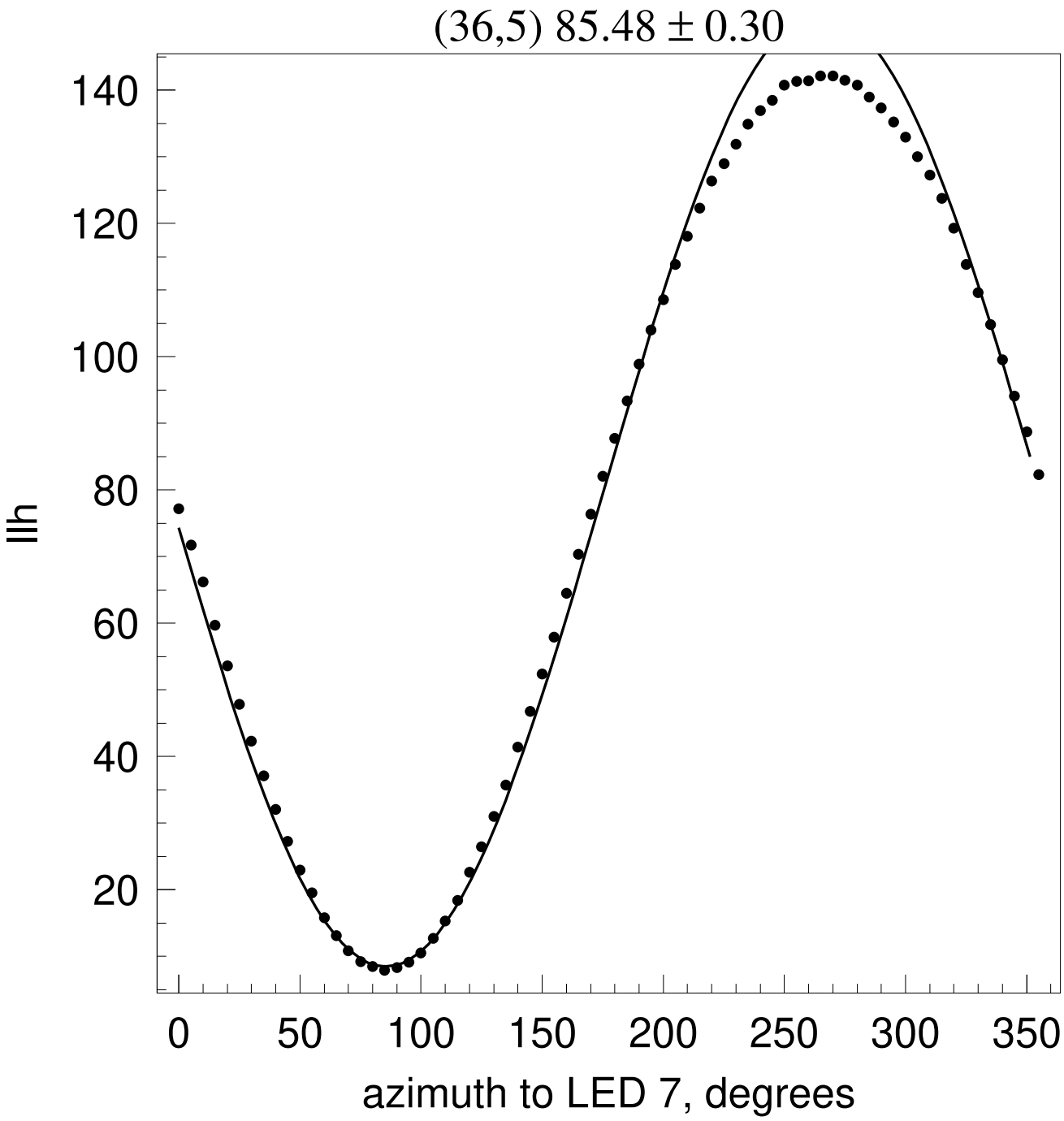

(35,60) 249.94 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

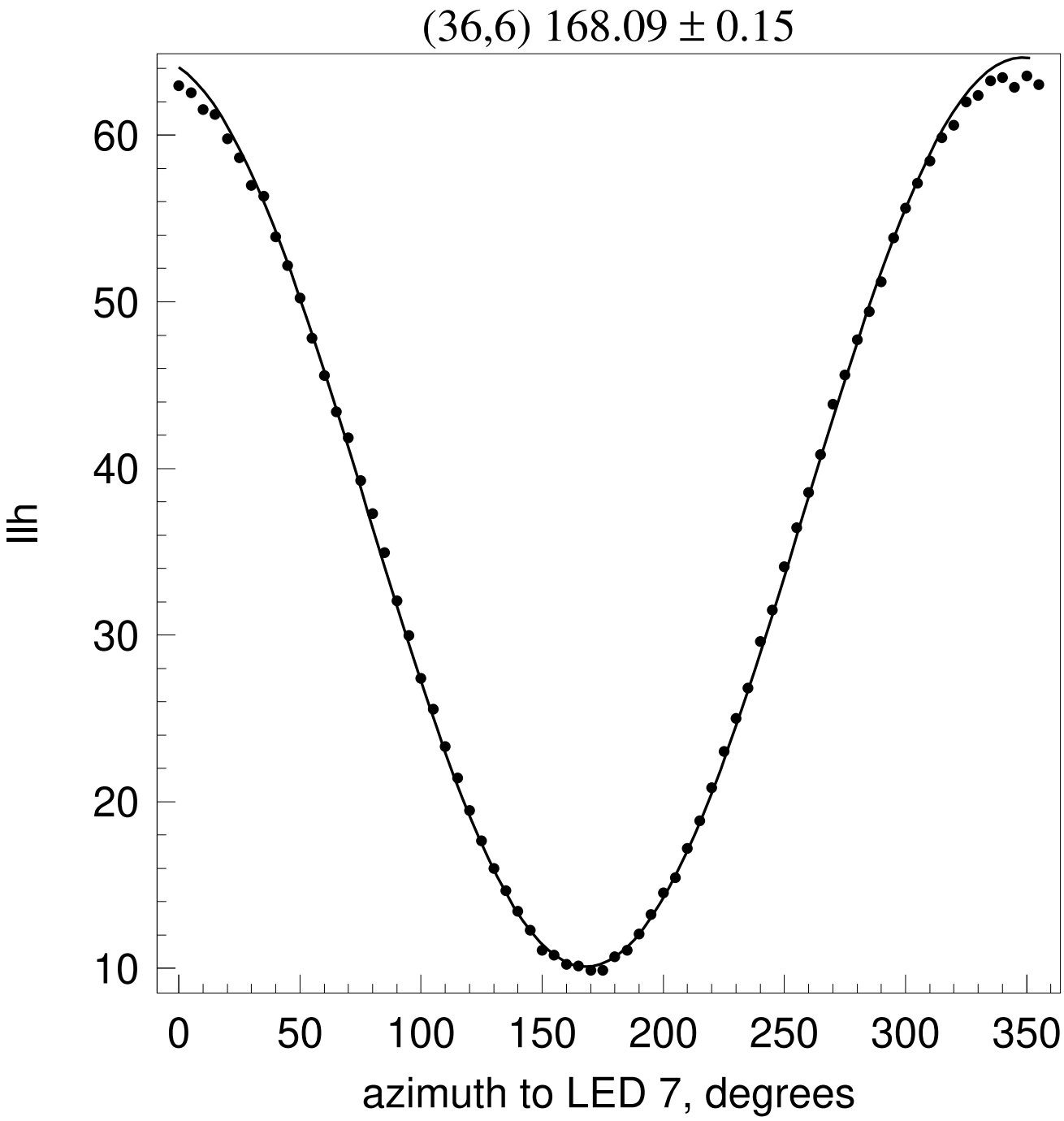

(36,1) 89.96 ± 0.23
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

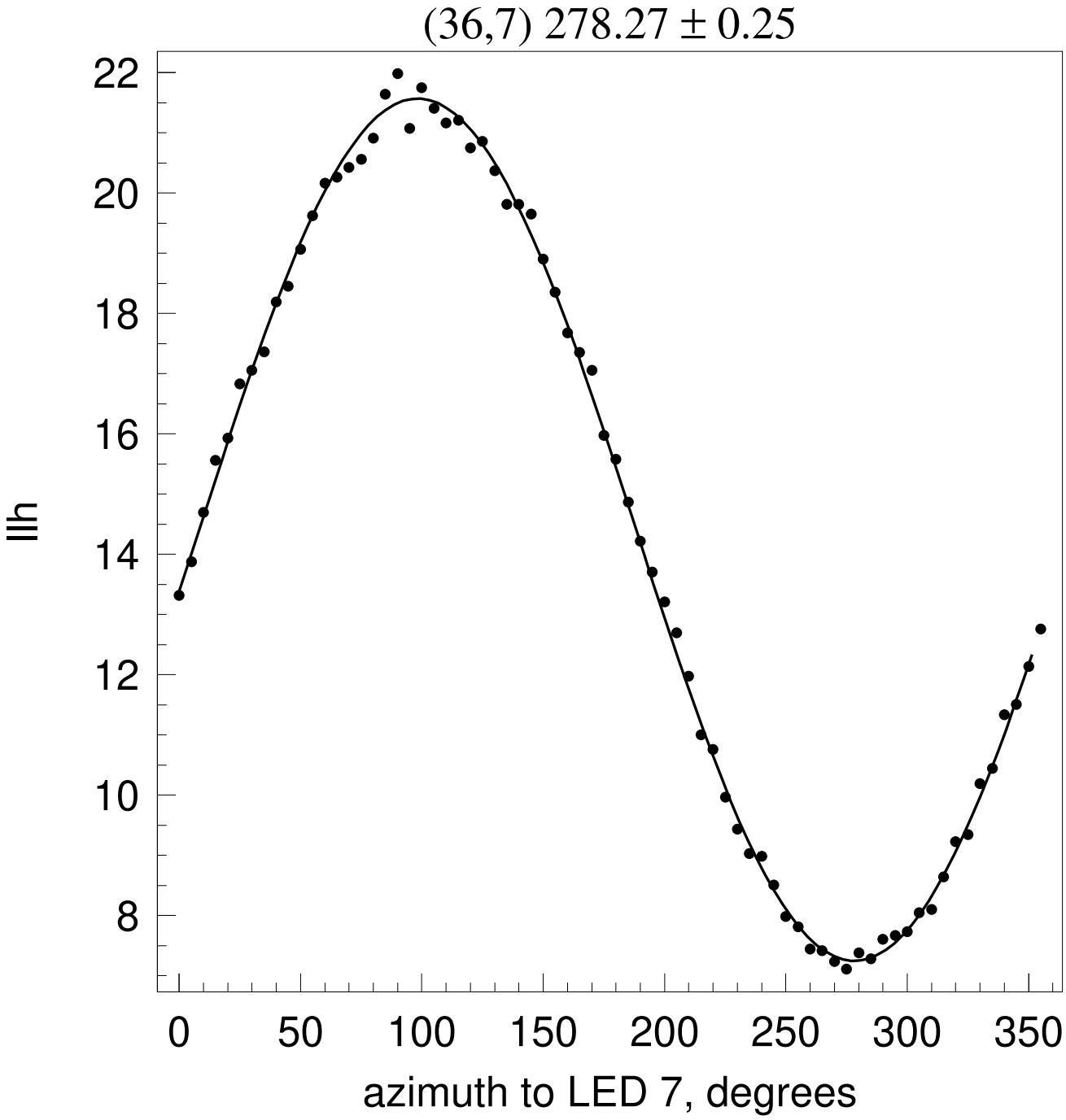

(36,2) 76.97 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

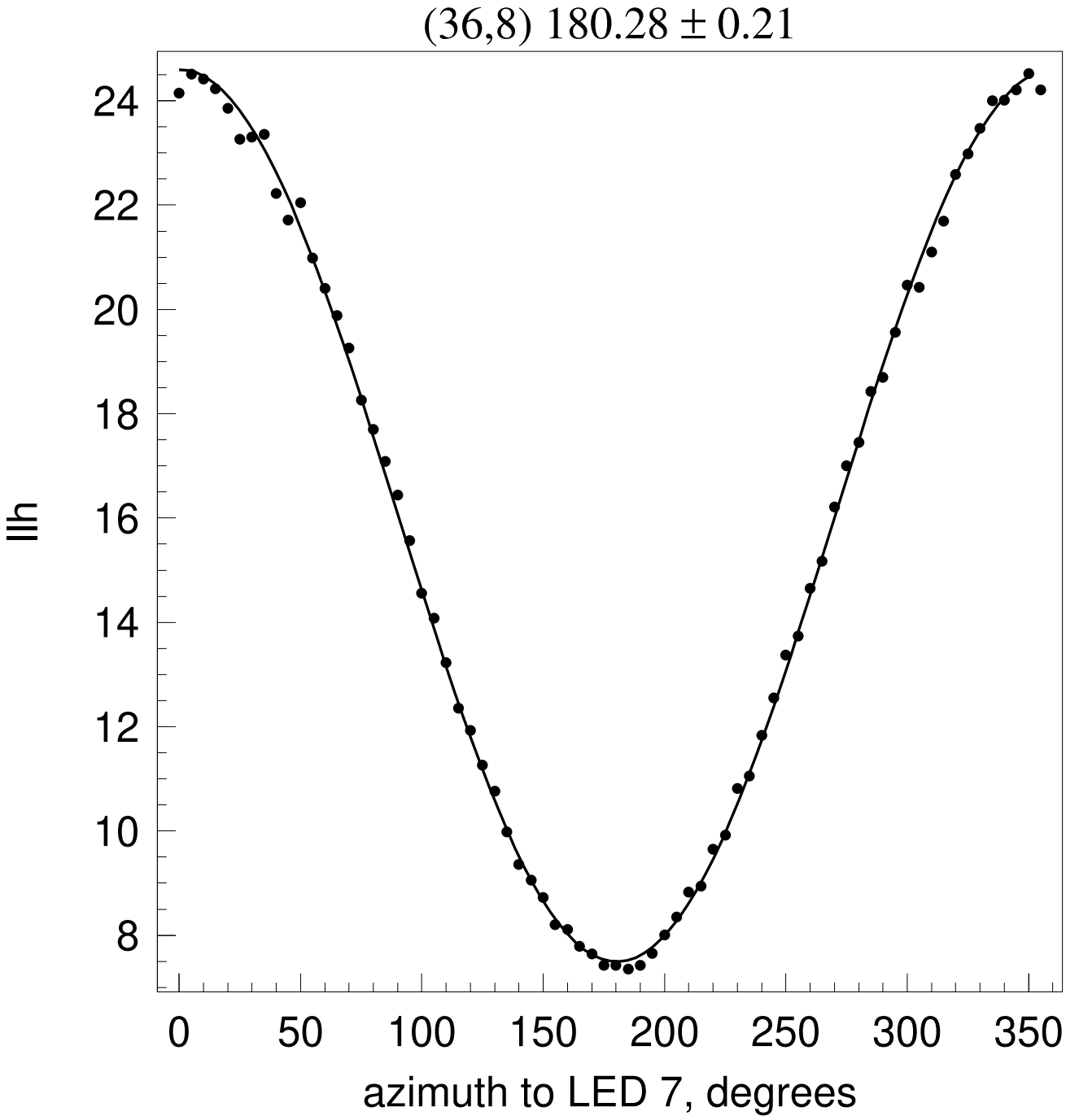

(36,3) 9.66 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

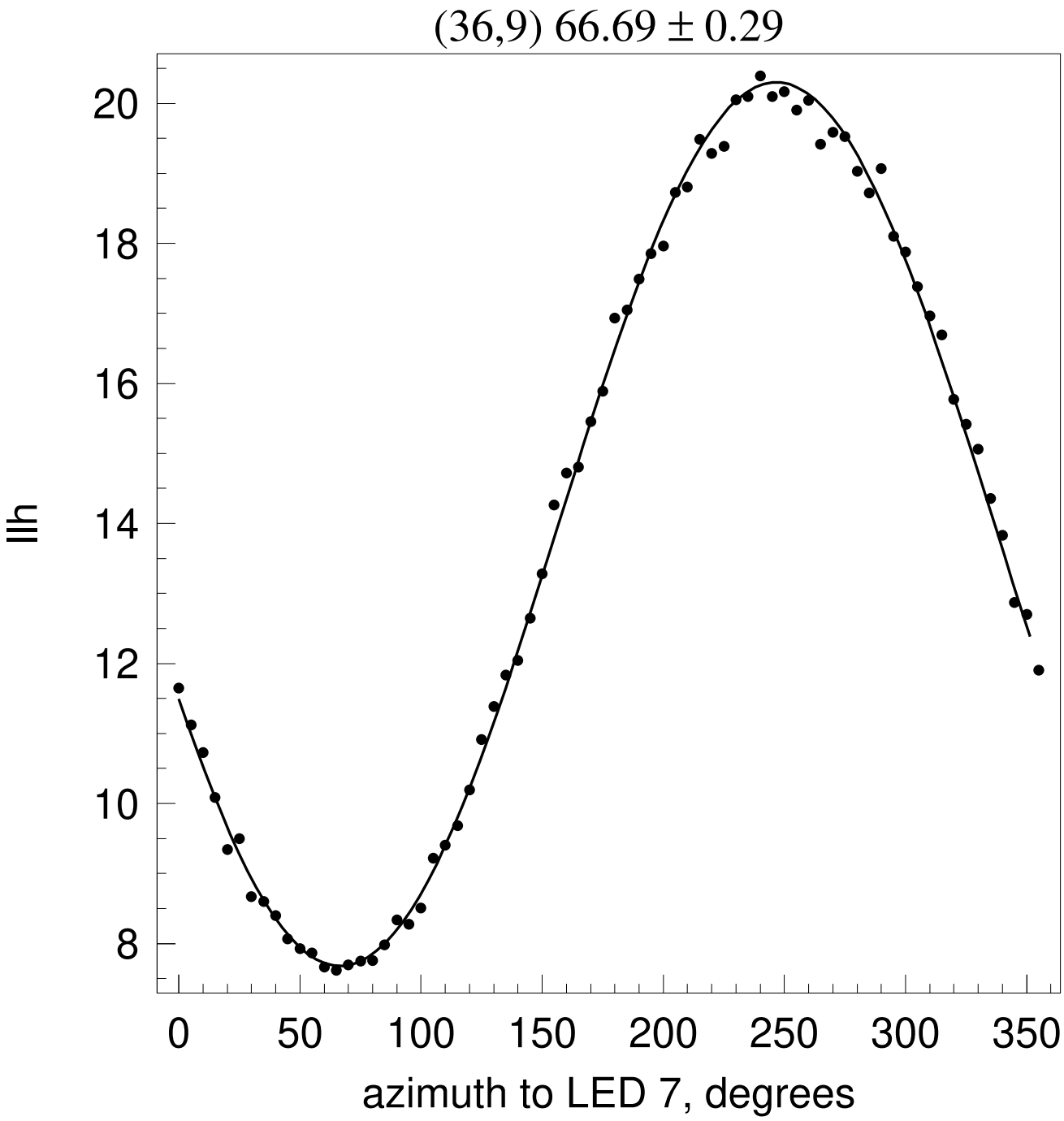

(36,4) 51.25 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

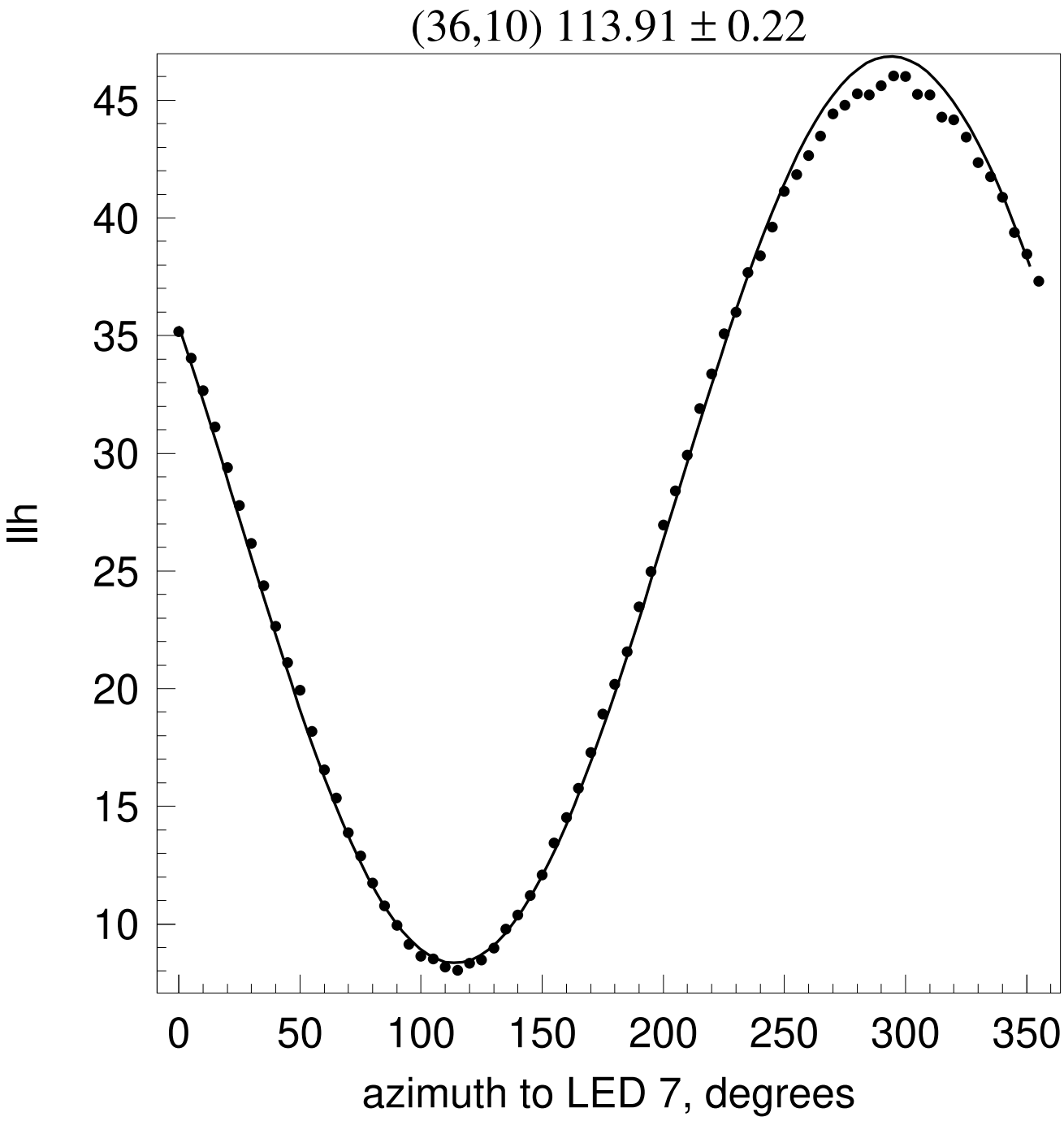

(36,5) 85.48 ± 0.30
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

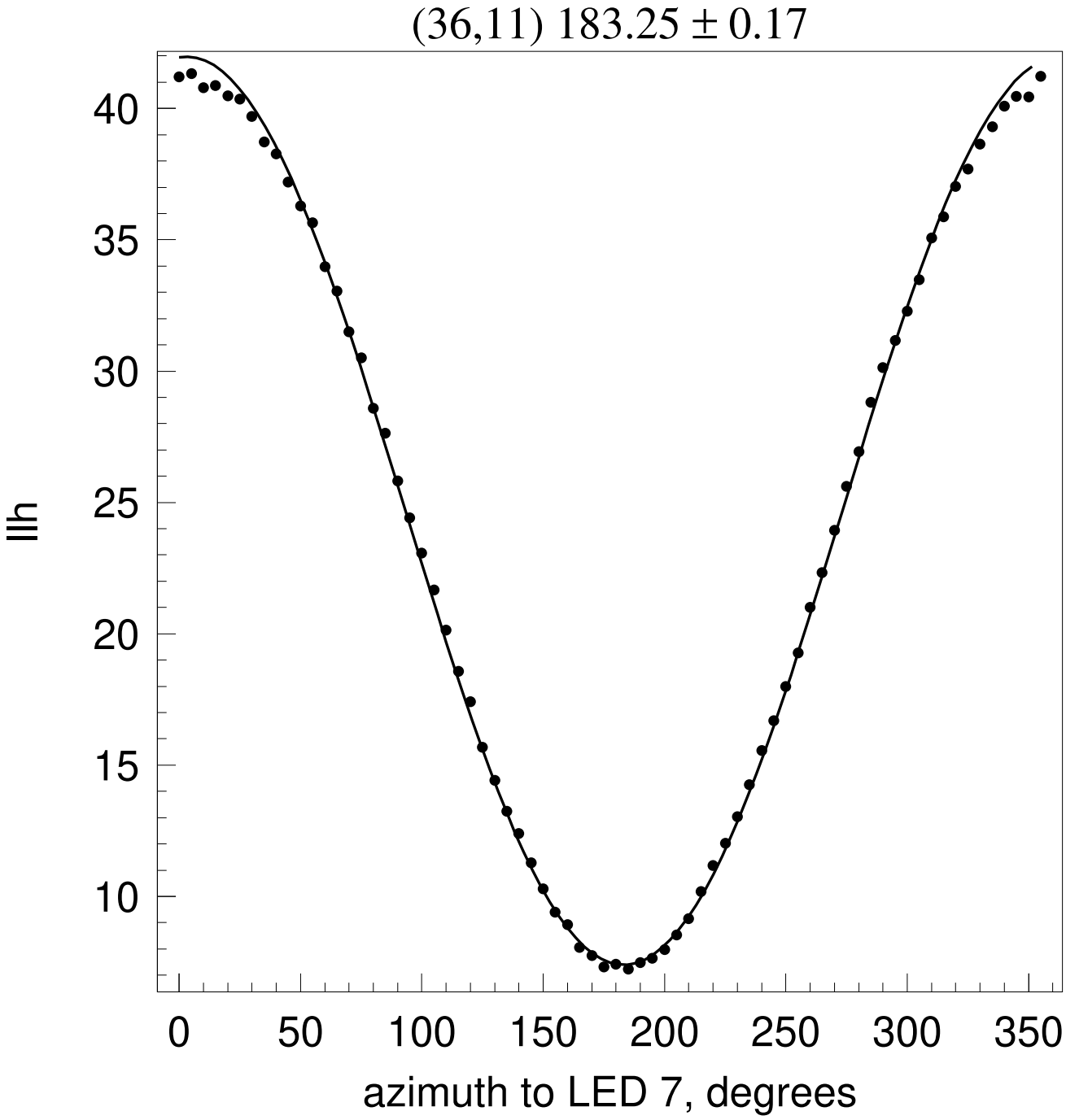

(36,6) 168.09 ± 0.15
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

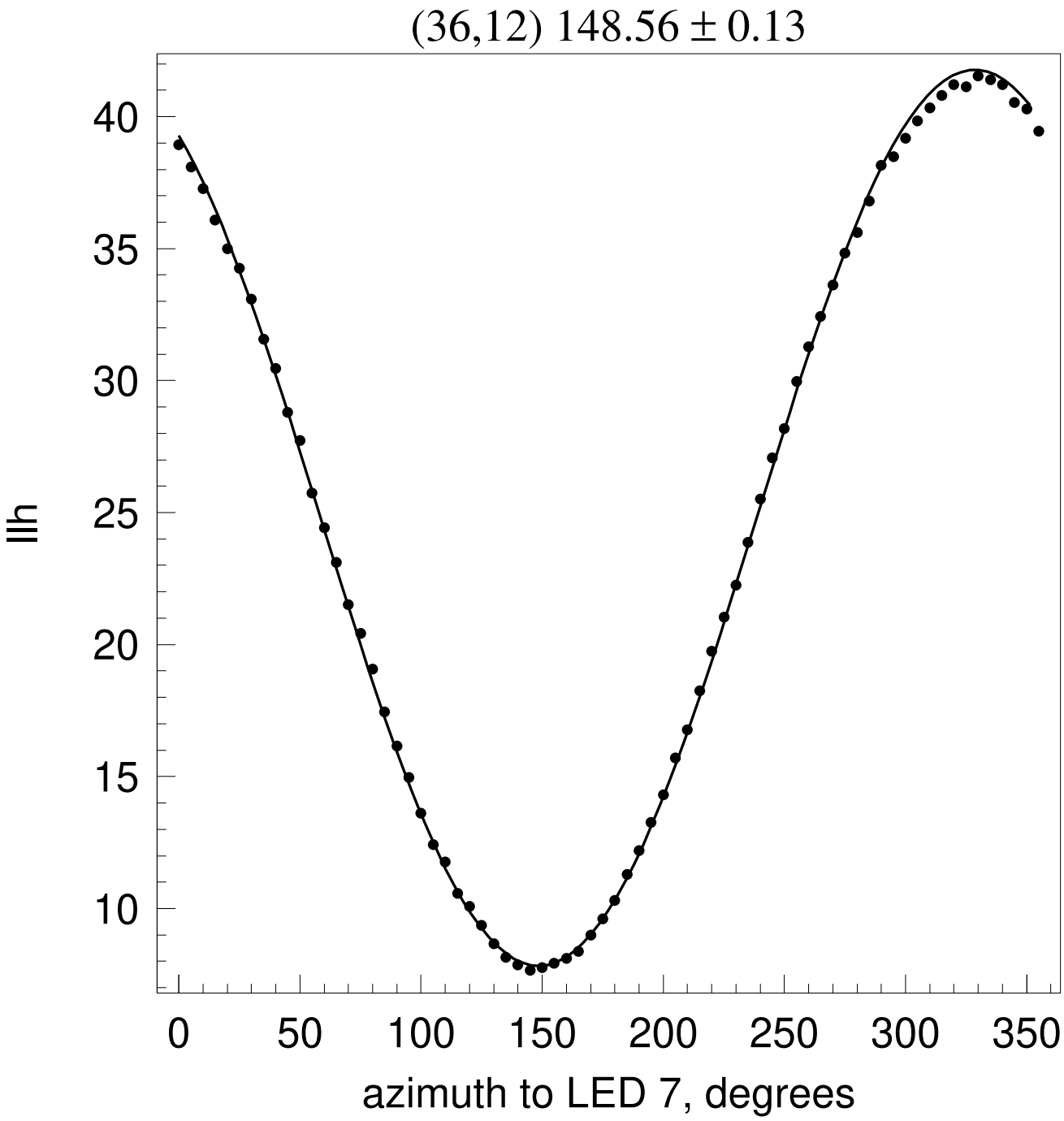

(36,7) 278.27 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

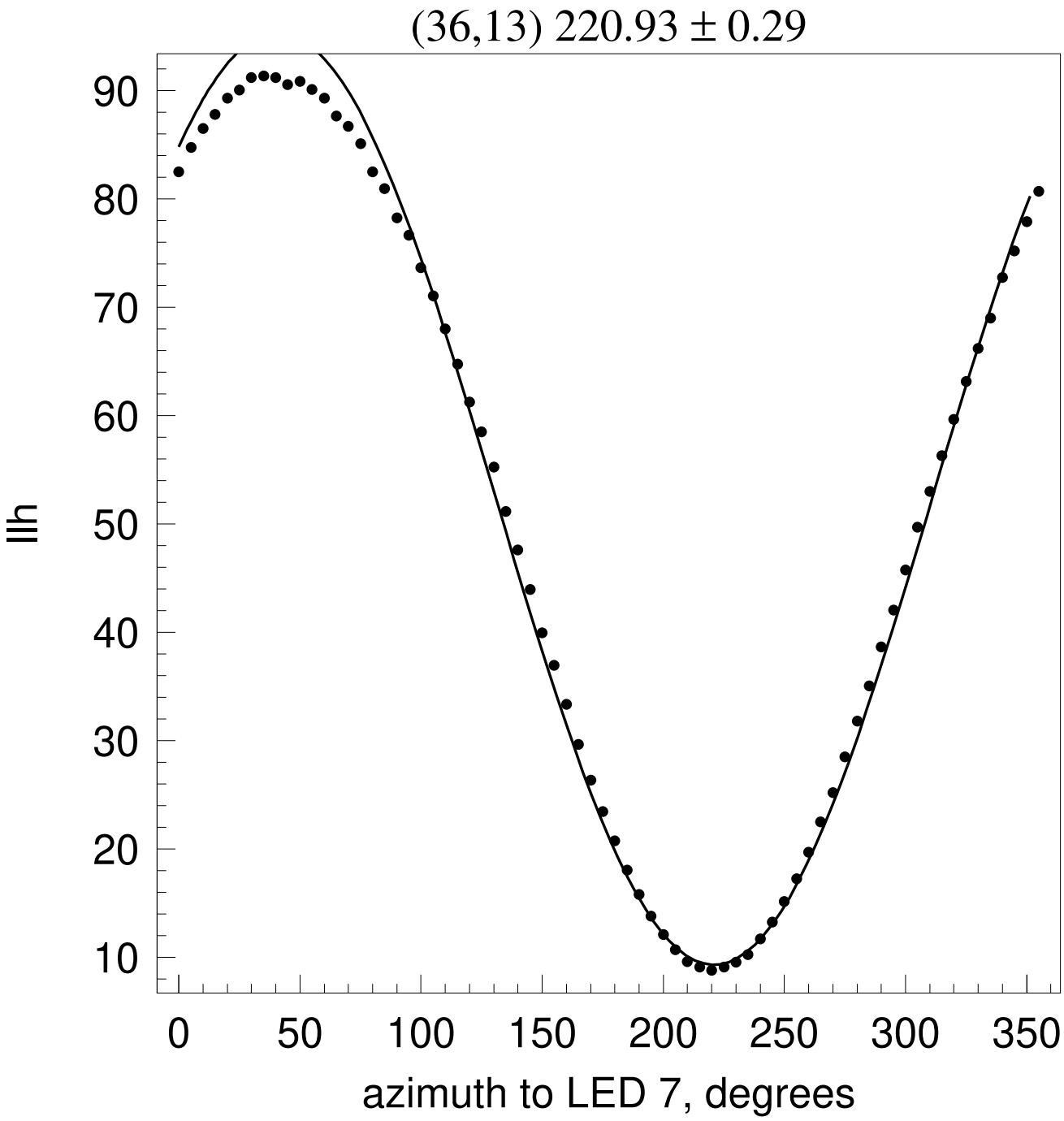

(36,8) 180.28 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

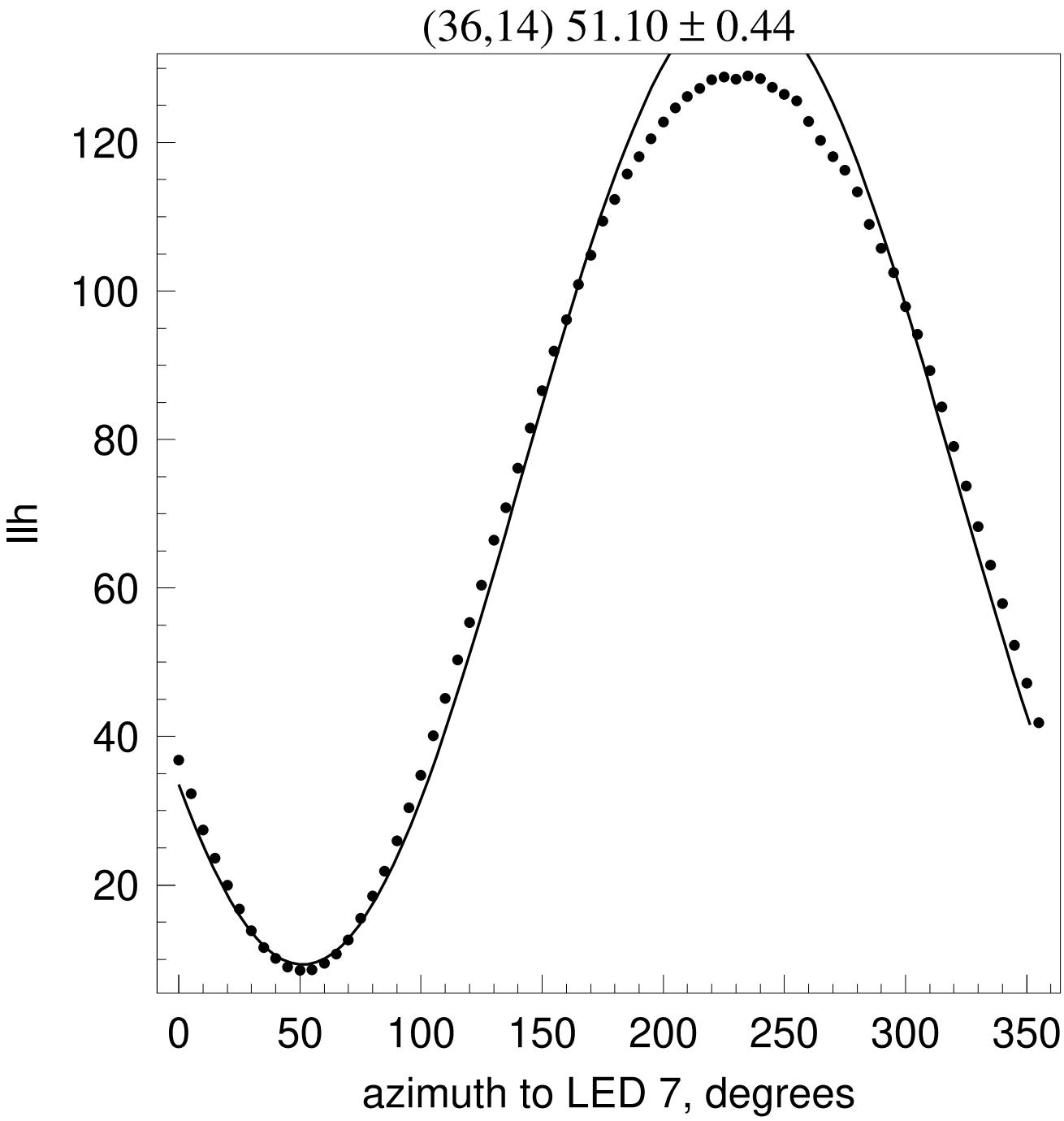

(36,9) 66.69 ± 0.29
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

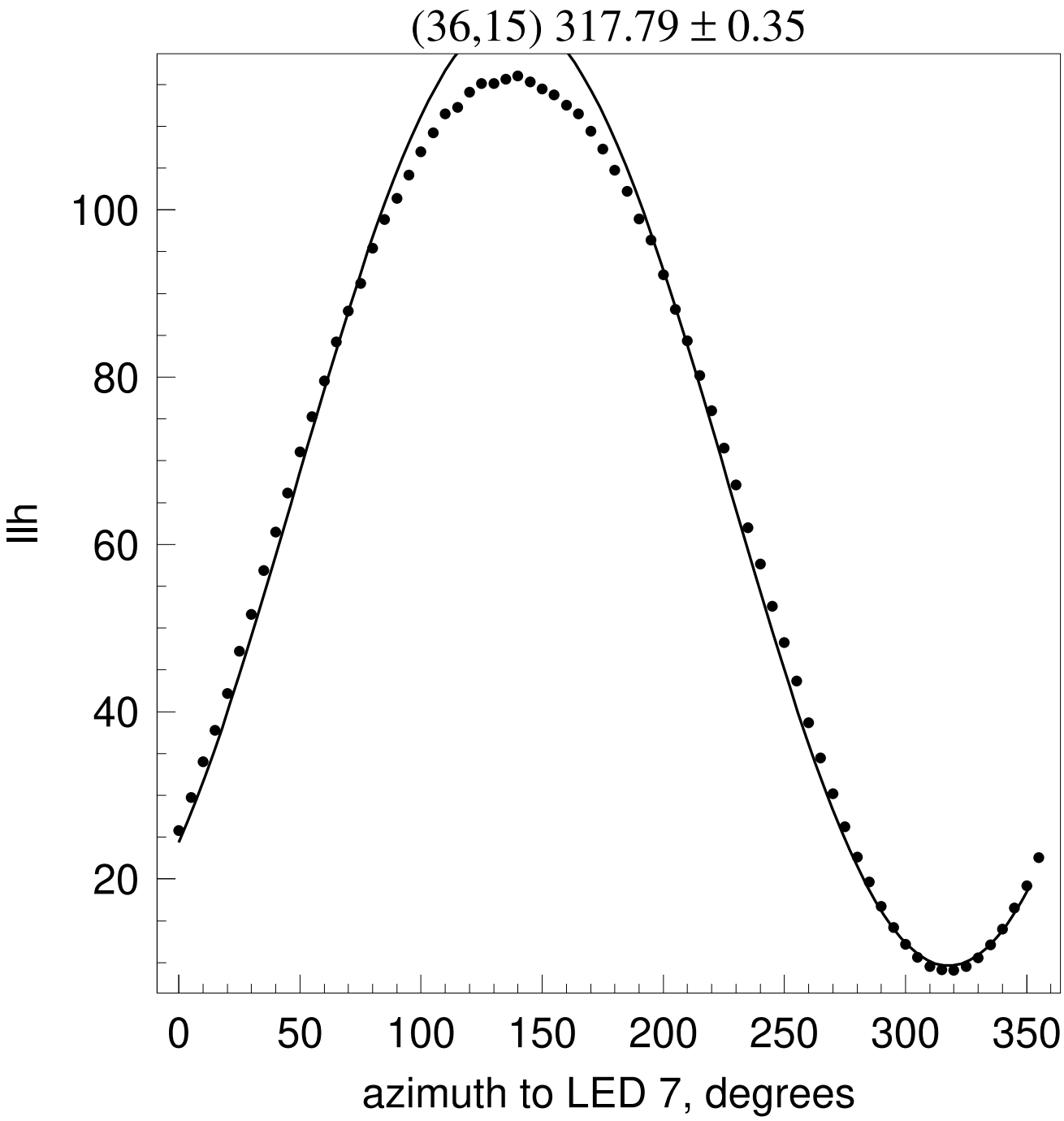

(36,10) 113.91 ± 0.22
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

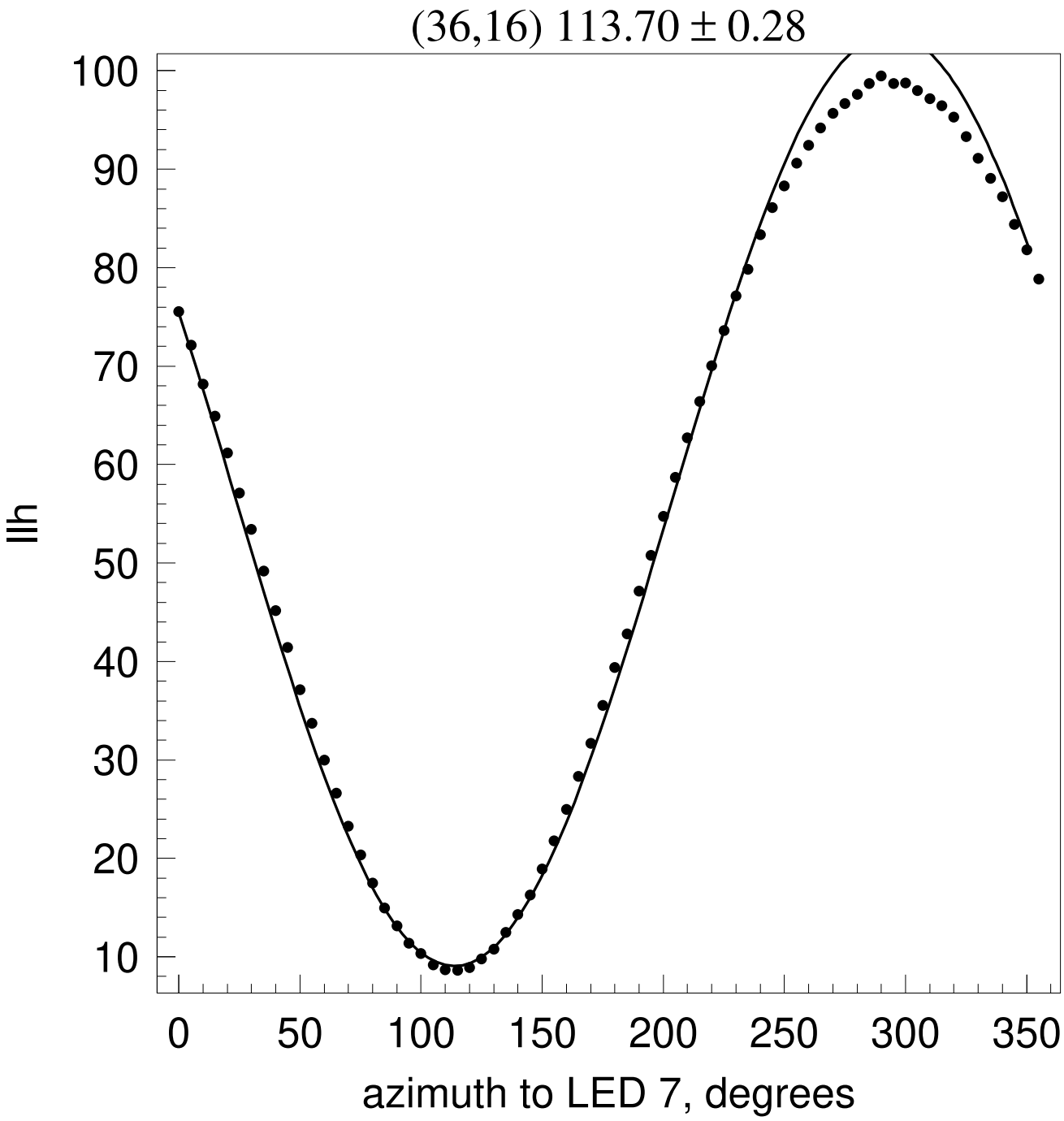

(36,11) 183.25 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

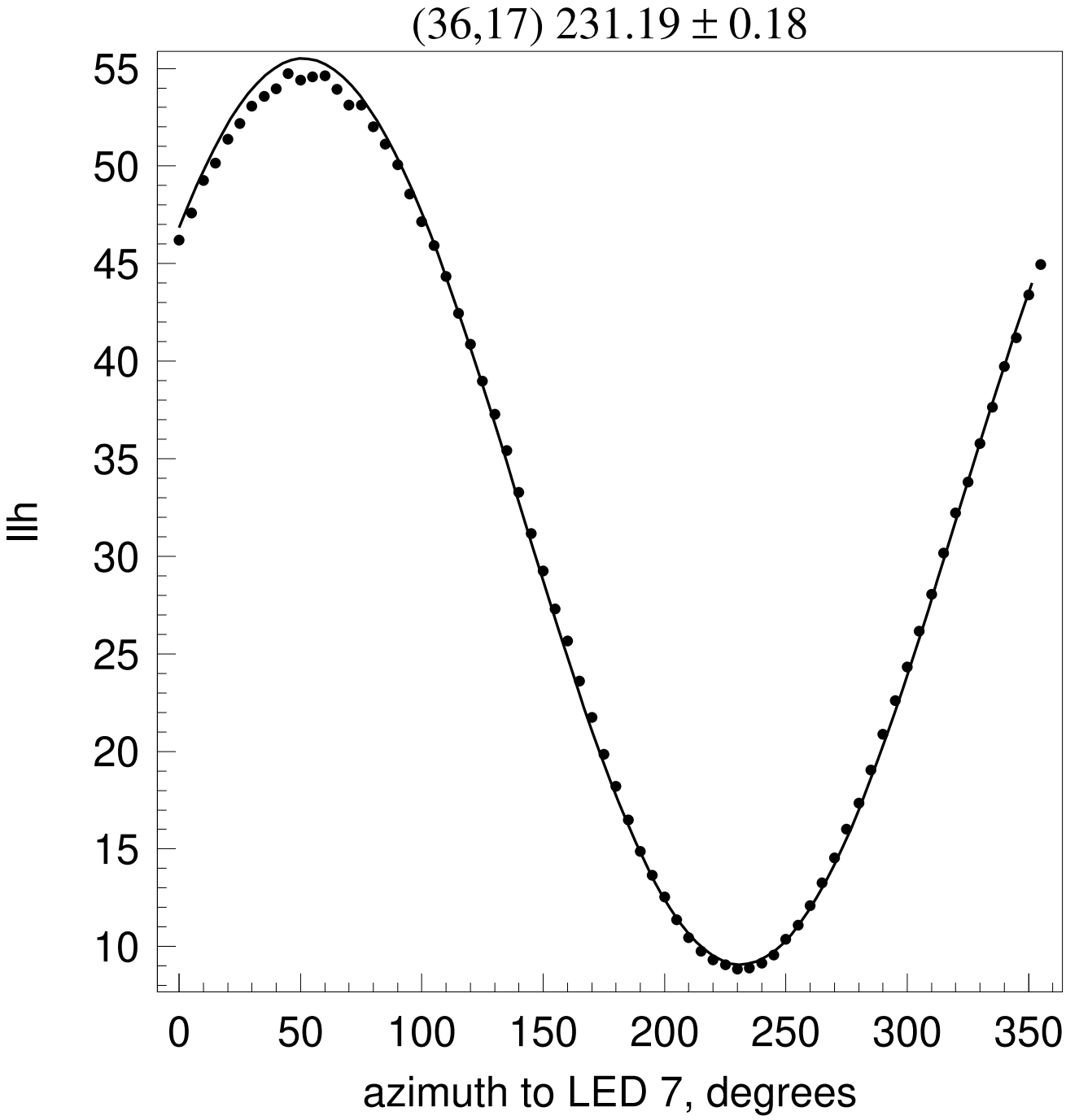

(36,12) 148.56 ± 0.13
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

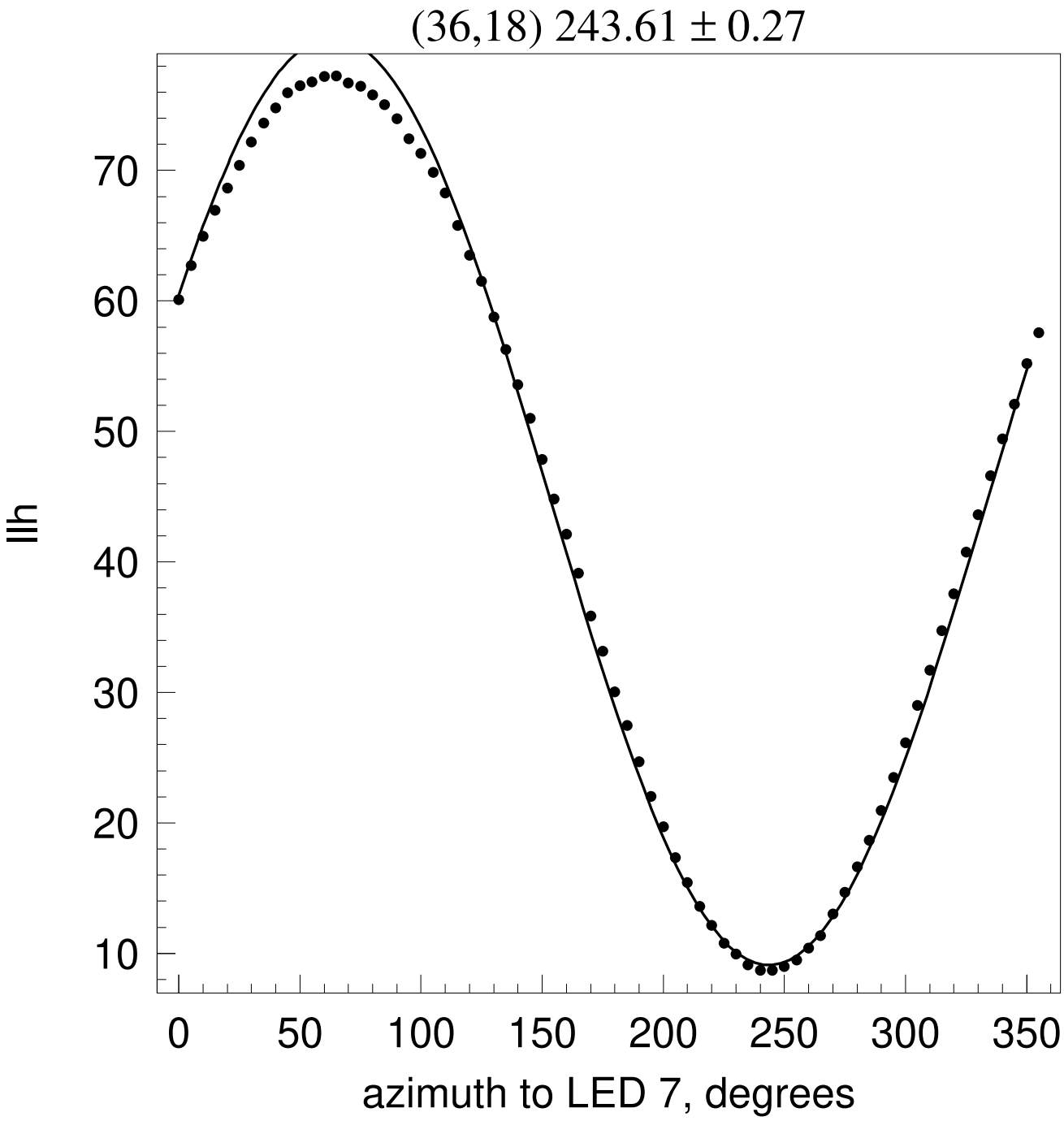

(36,13) 220.93 ± 0.29
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

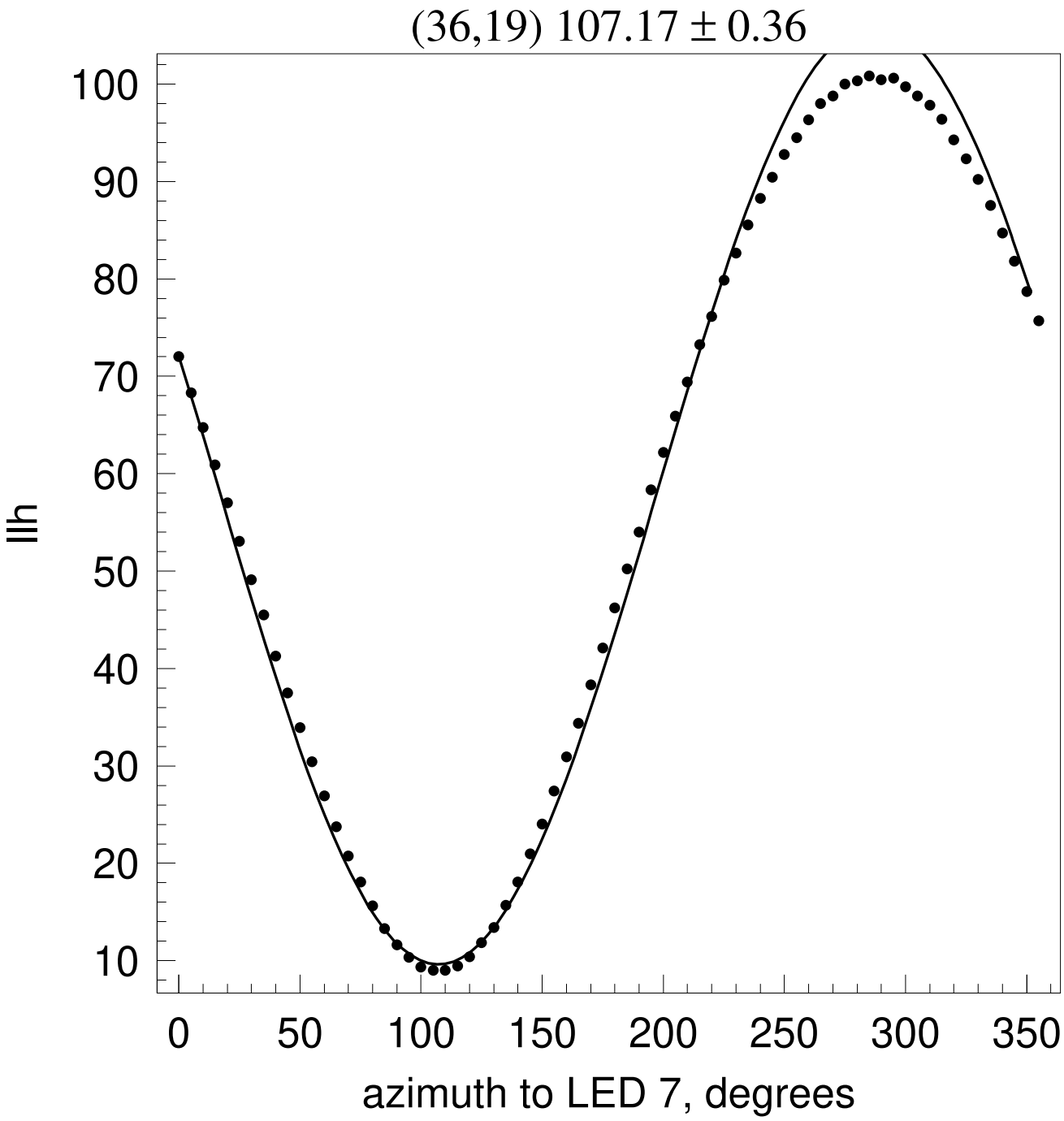

(36,14) 51.10 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

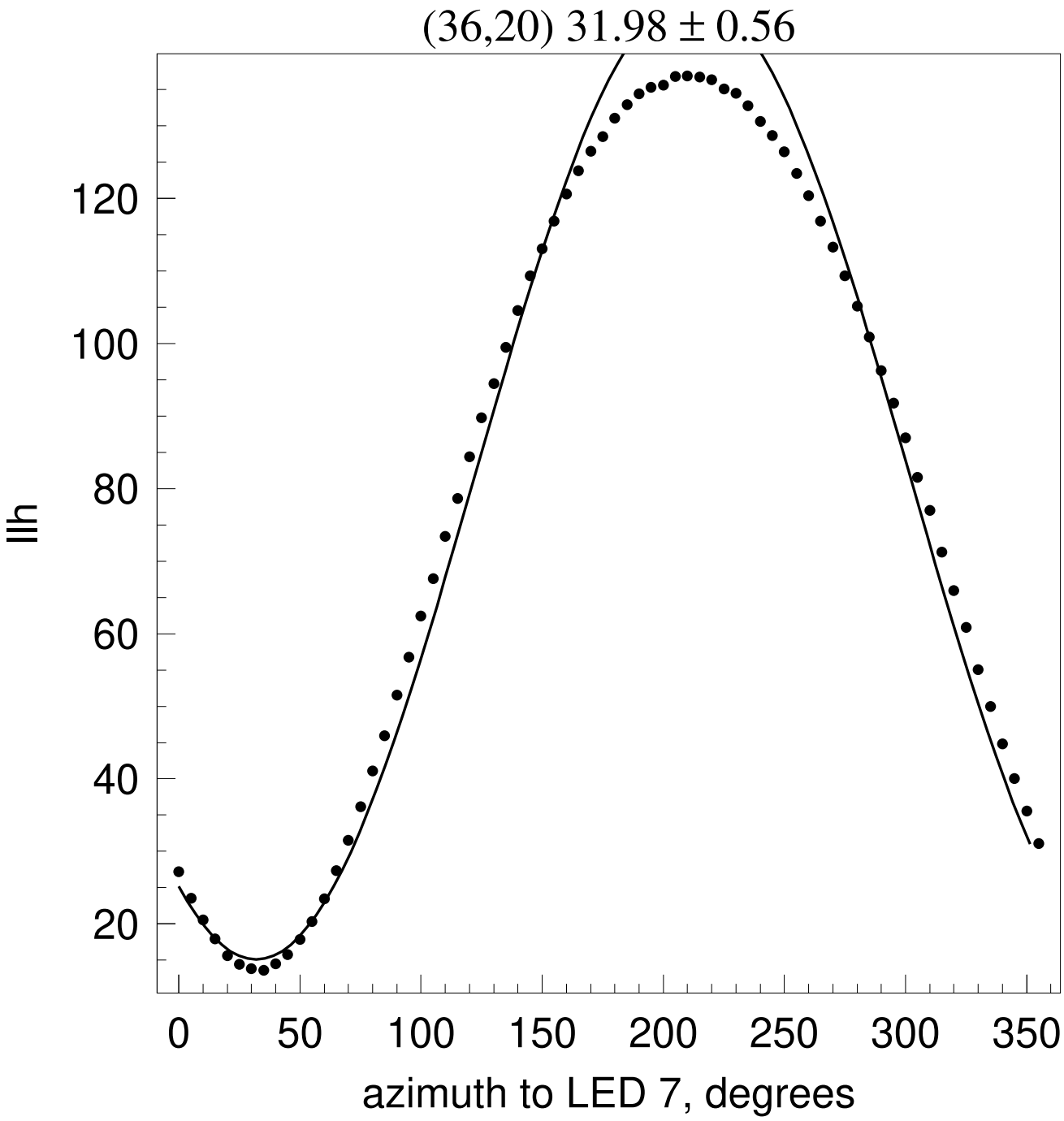

(36,15) 317.79 ± 0.35
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

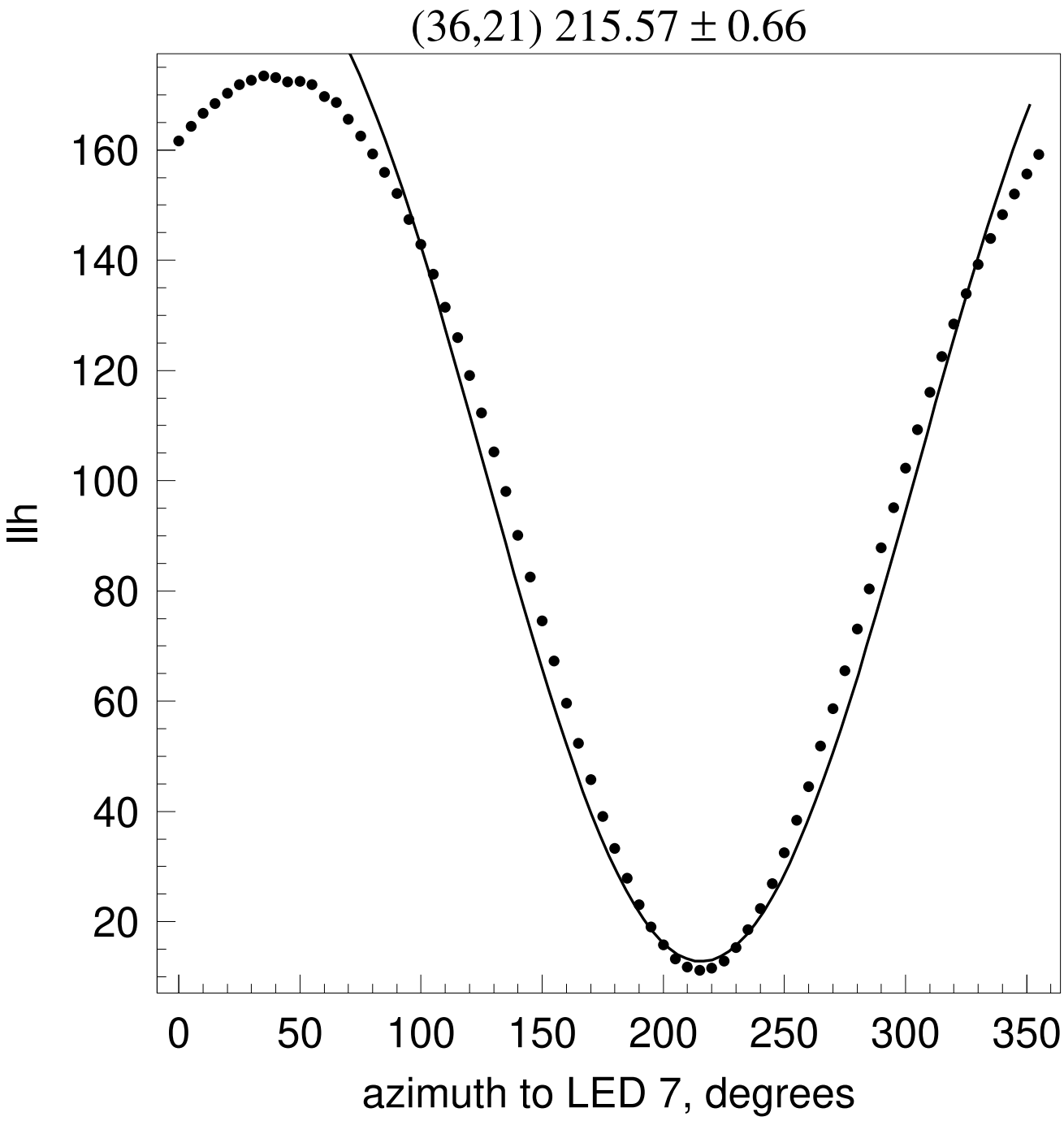

(36,16) 113.70 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

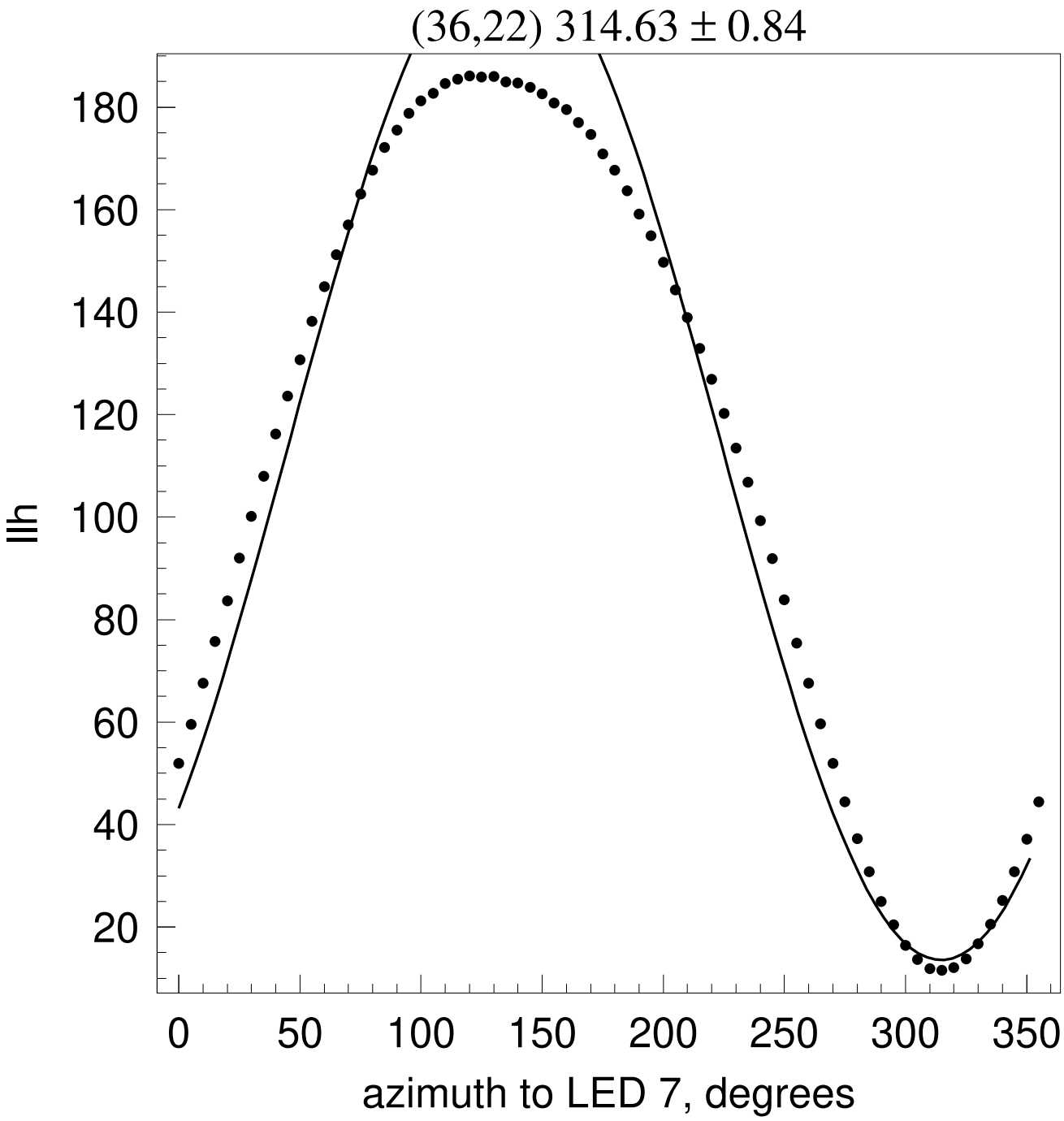

(36,17) 231.19 ± 0.18
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

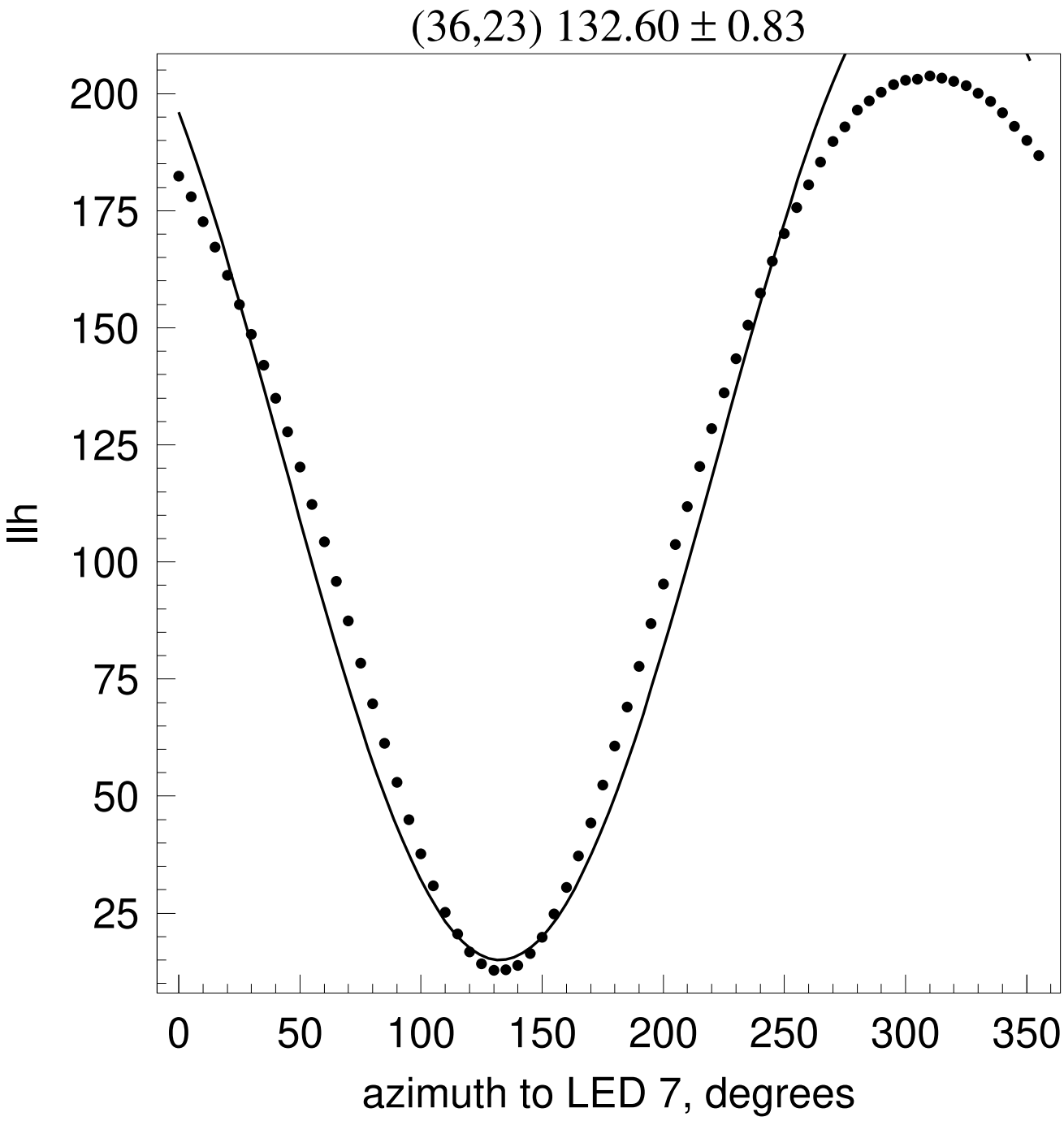

(36,18) 243.61 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

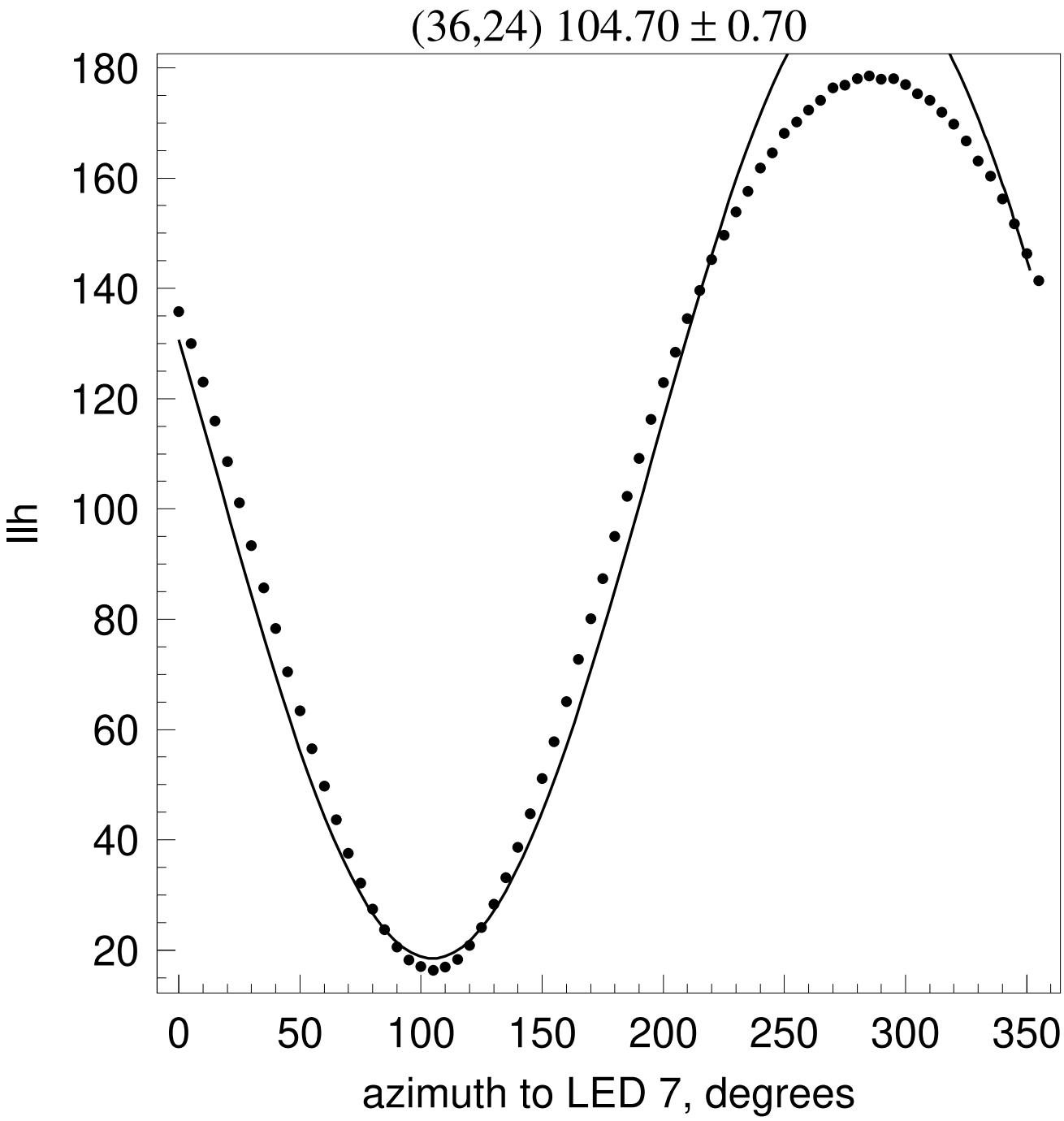

(36,19) 107.17 ± 0.36
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

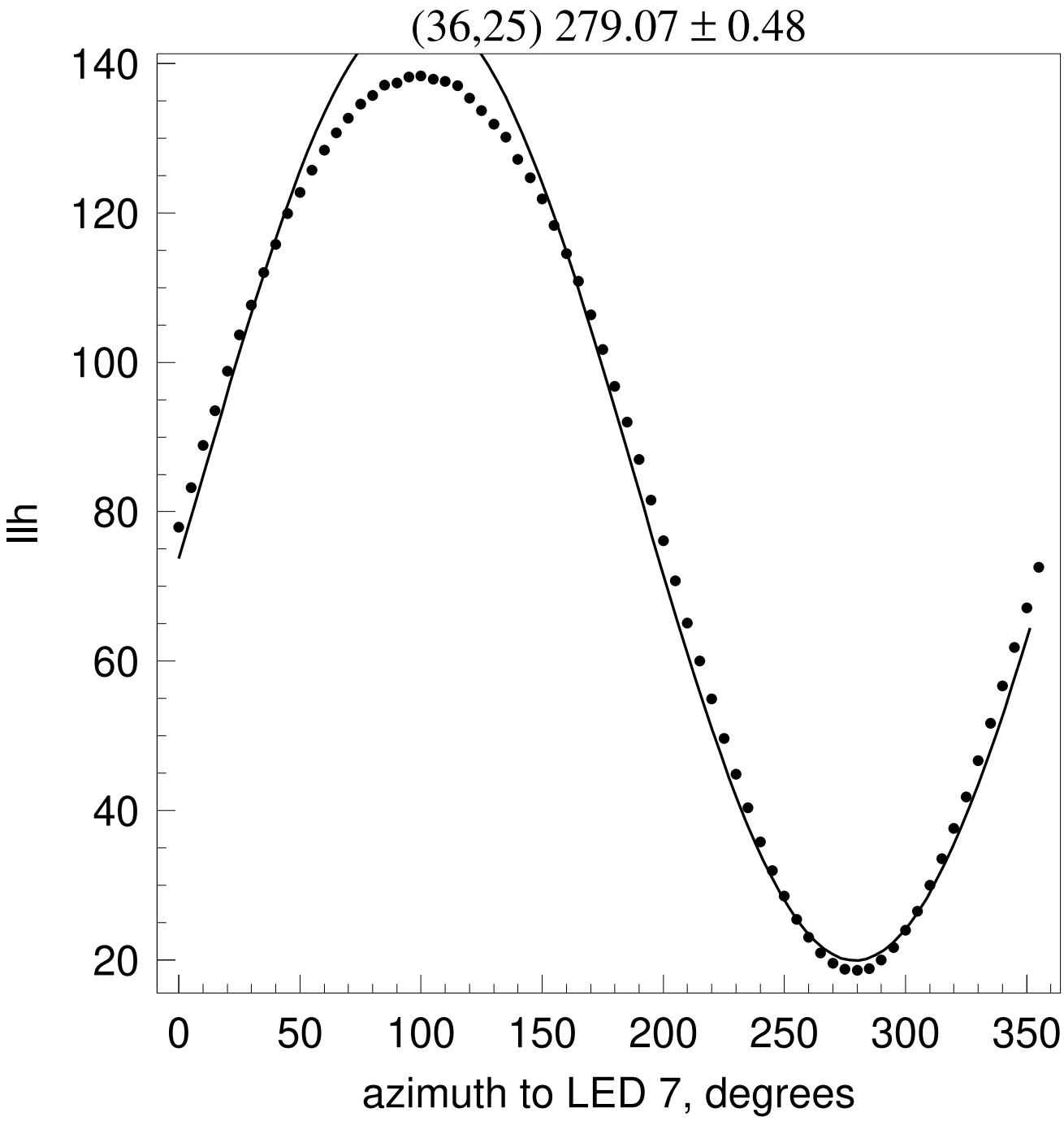

(36,20) 31.98 ± 0.56
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

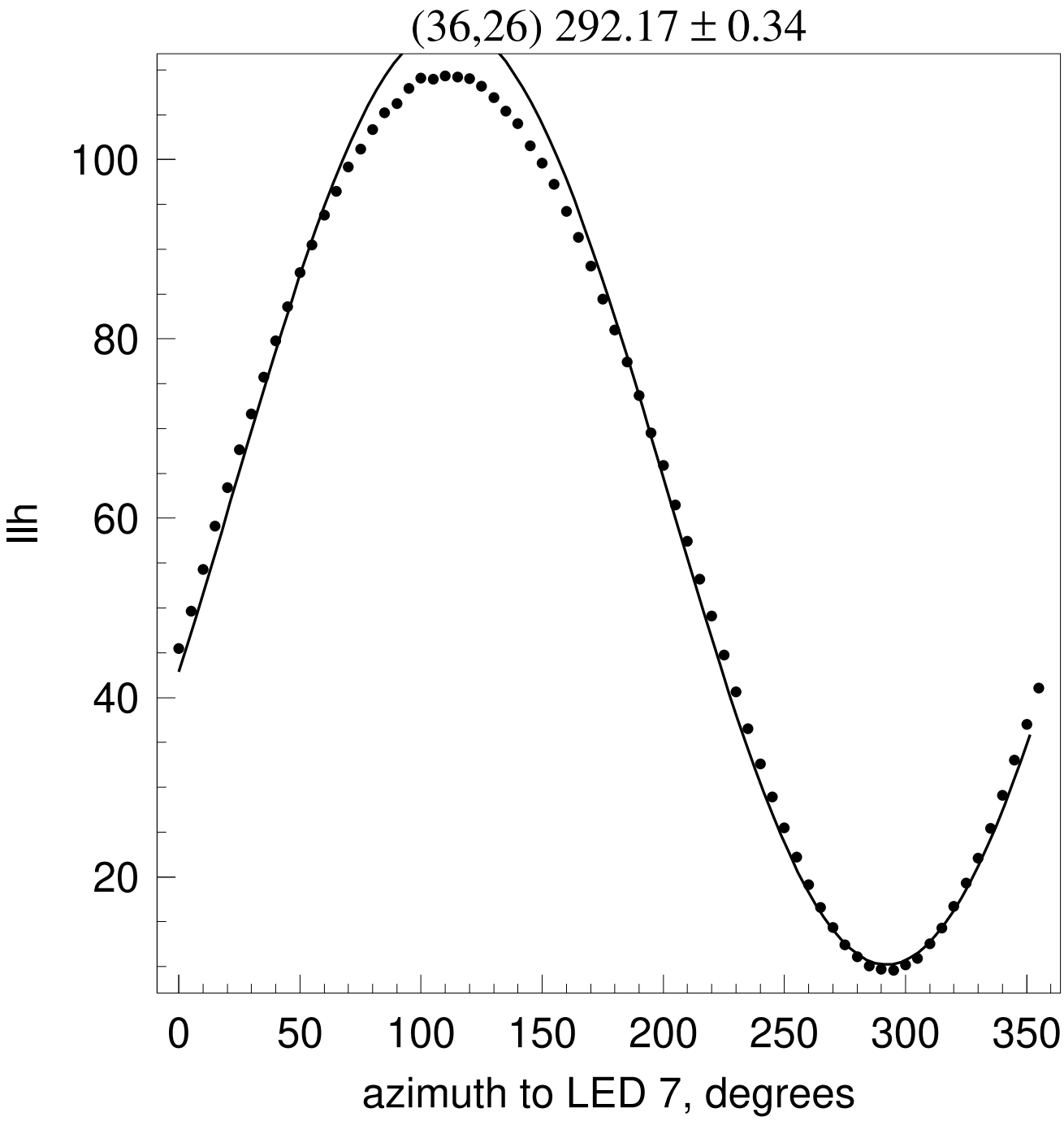

(36,21) 215.57 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

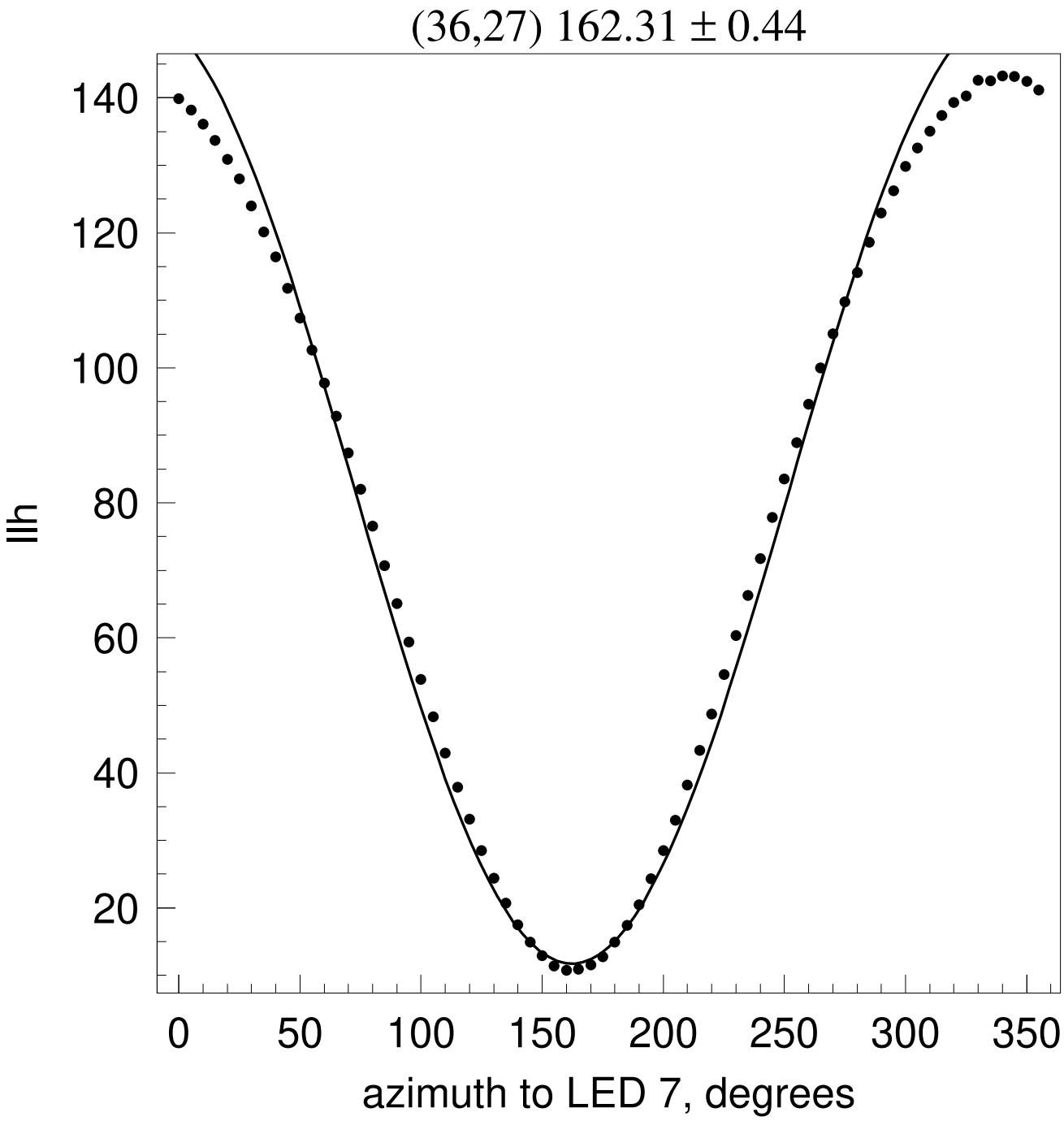

(36,22) 314.63 ± 0.84
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

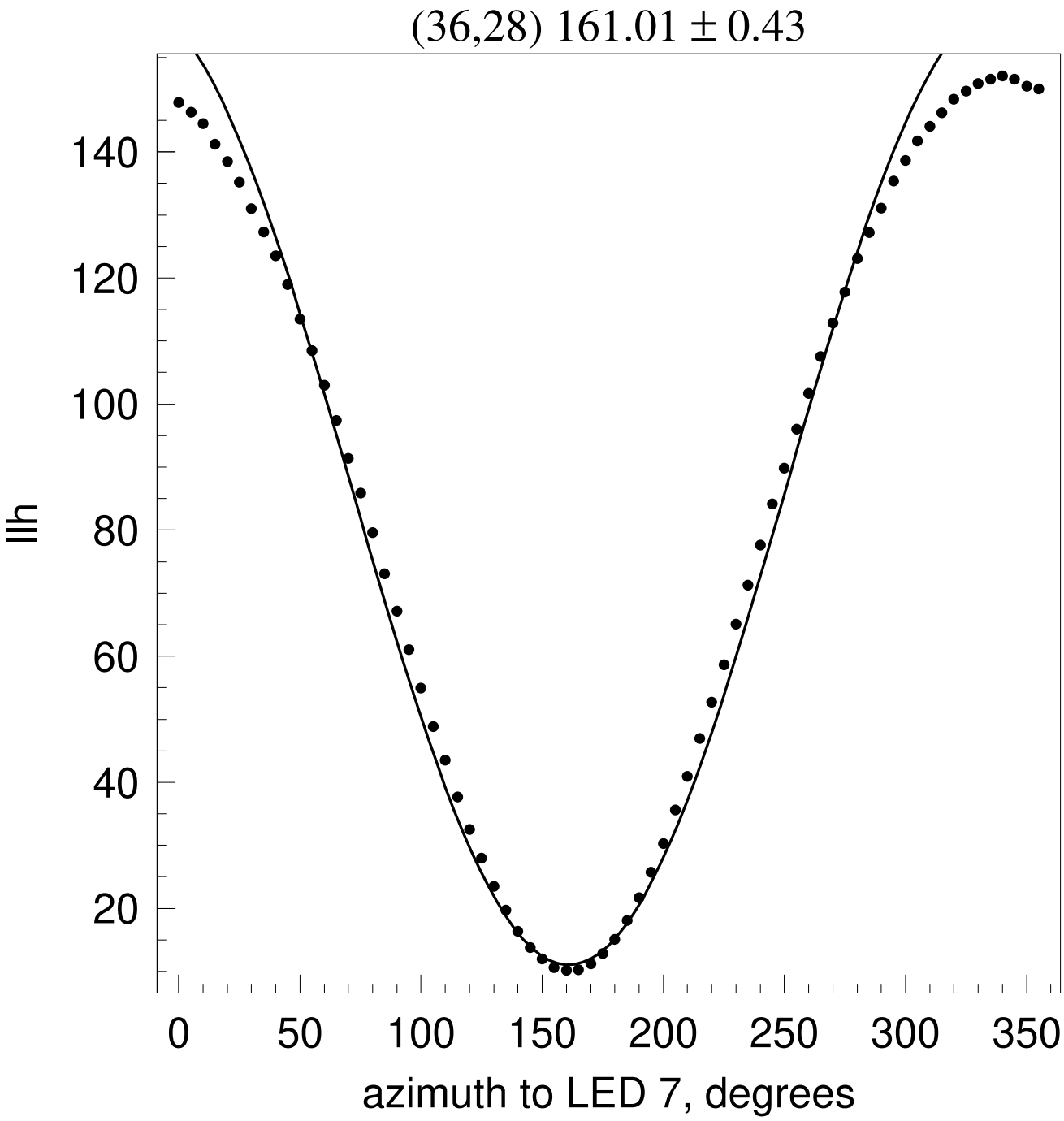

(36,23) 132.60 ± 0.83
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

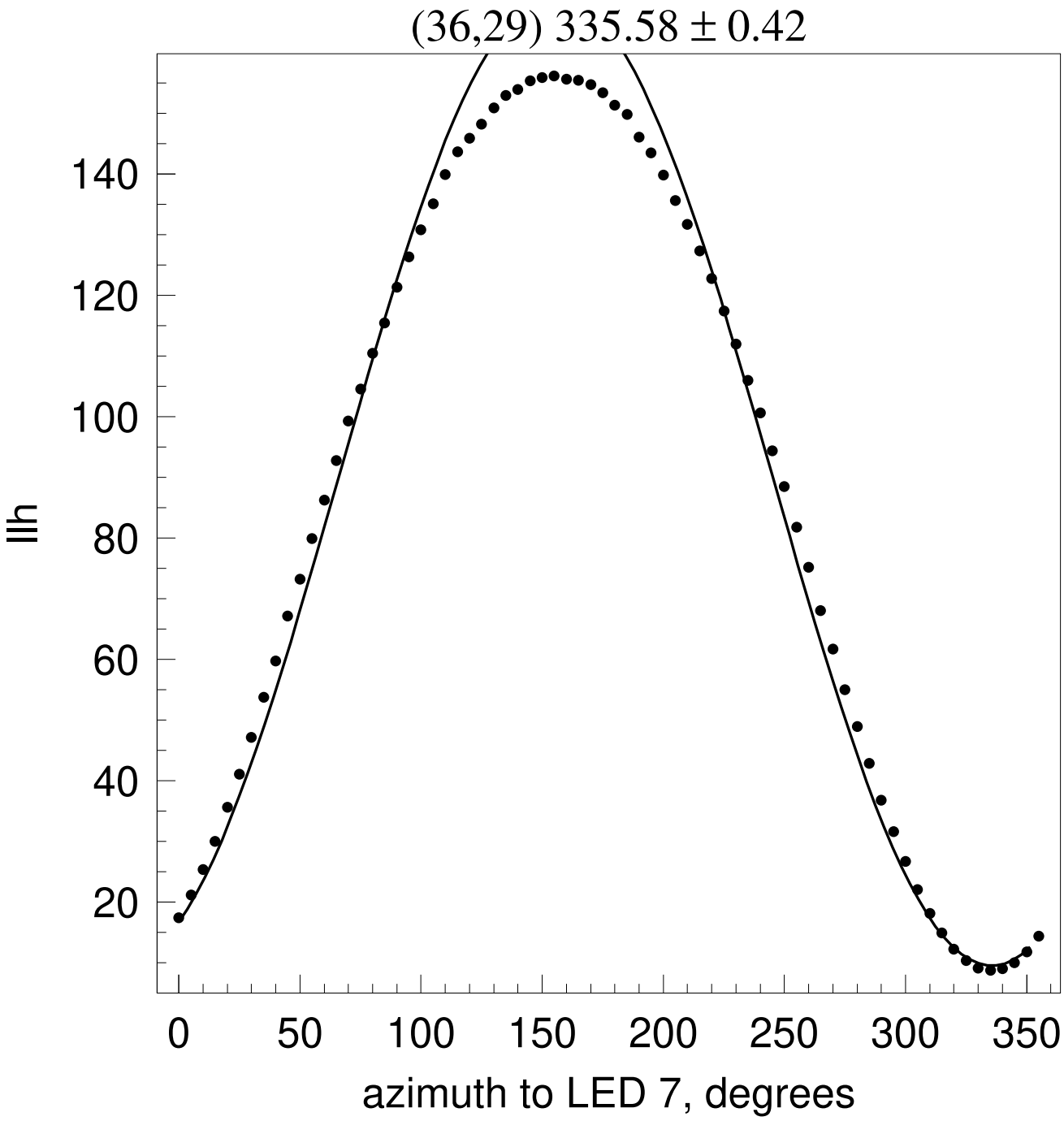

(36,24) 104.70 ± 0.70
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

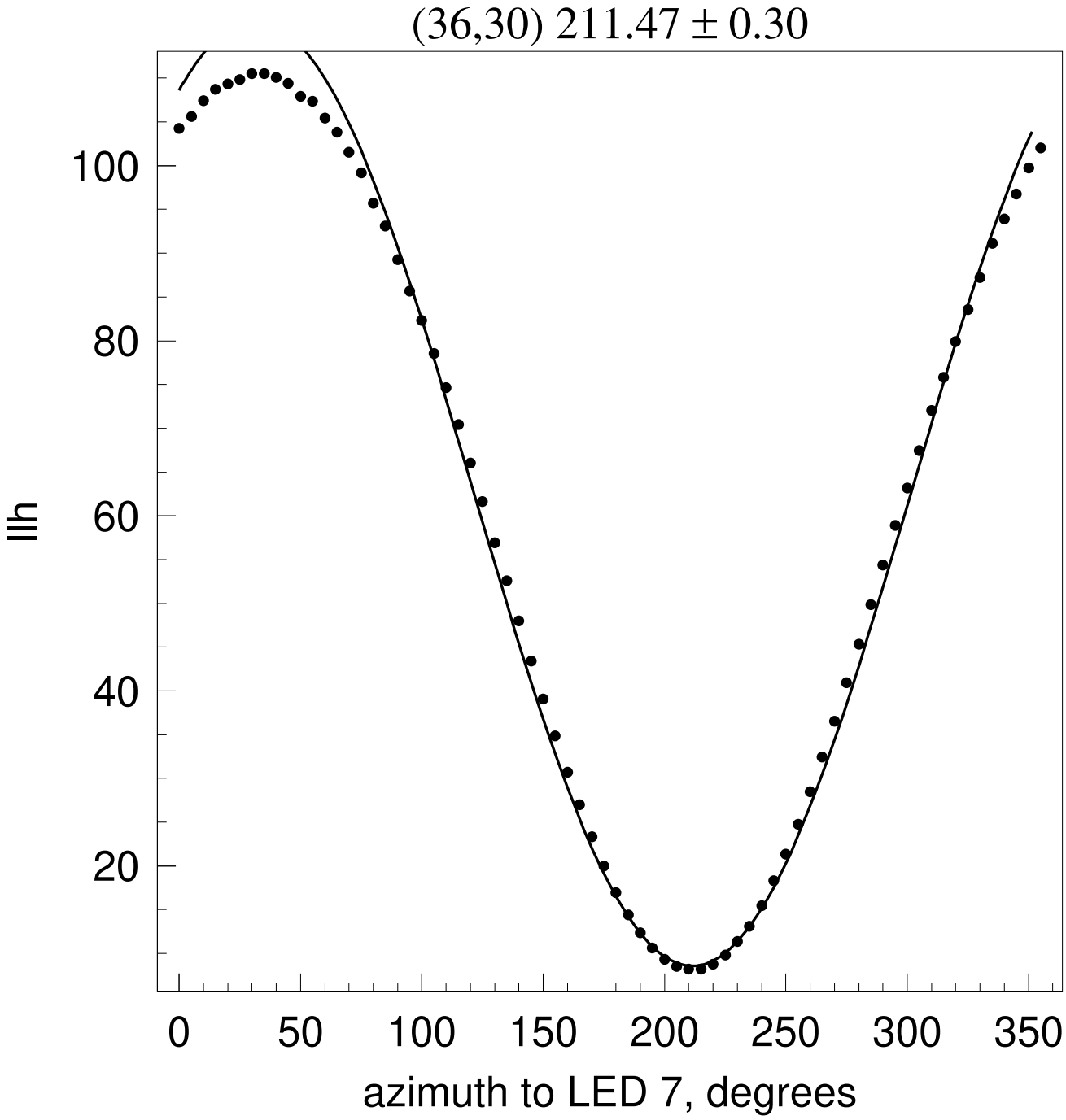

(36,25) 279.07 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

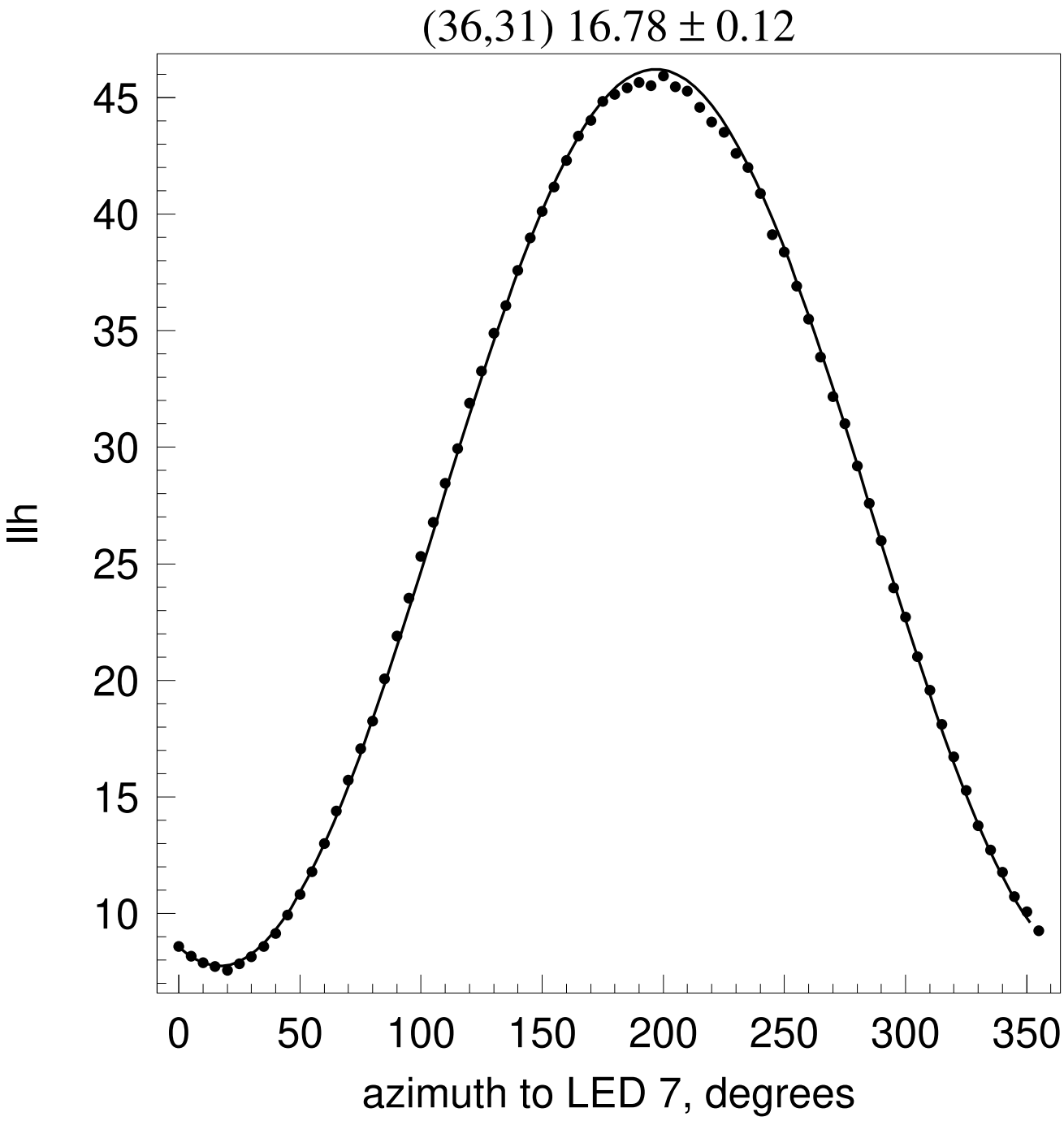

(36,26) 292.17 ± 0.34
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

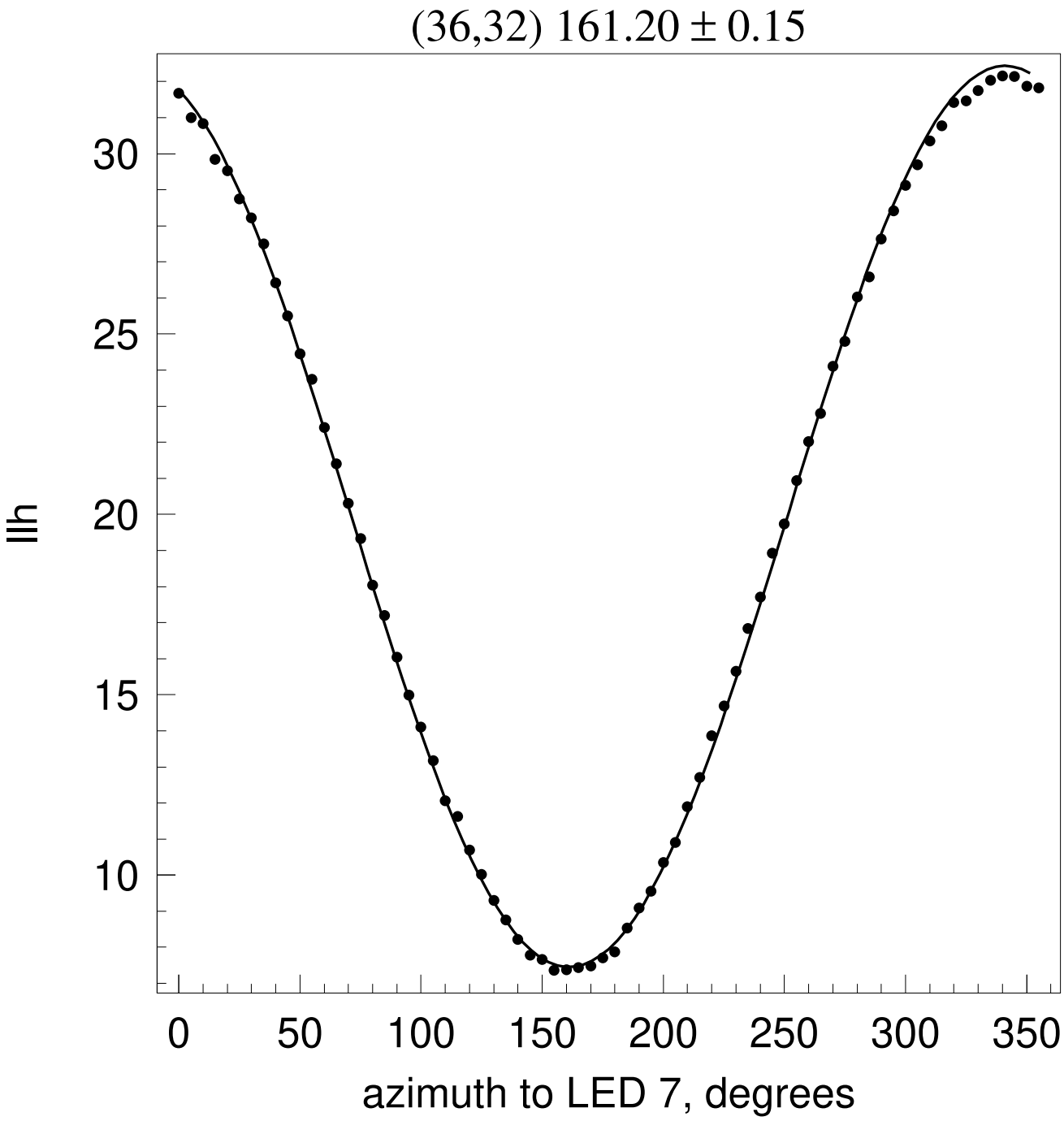

(36,27) 162.31 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

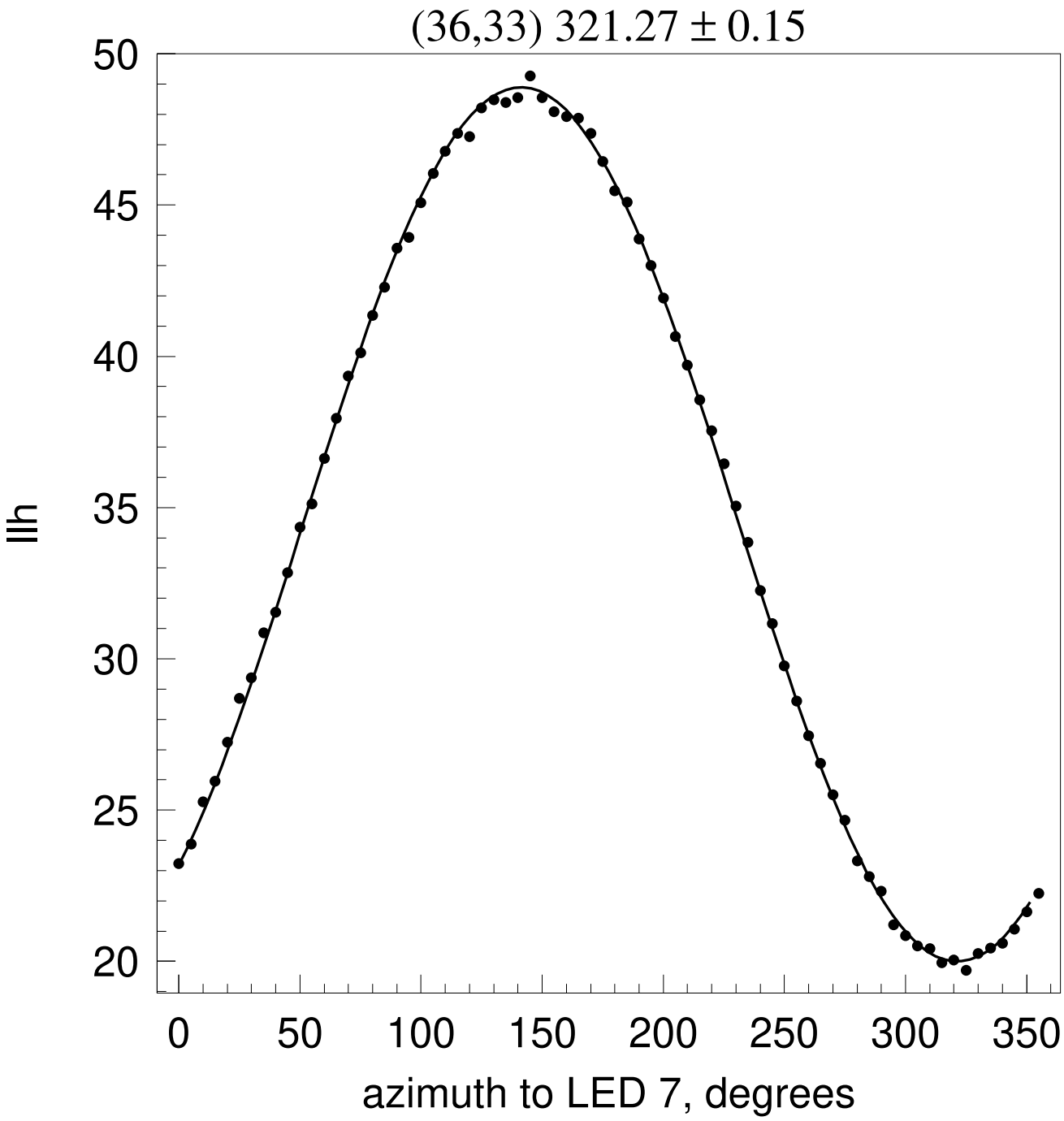

(36,28) 161.01 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

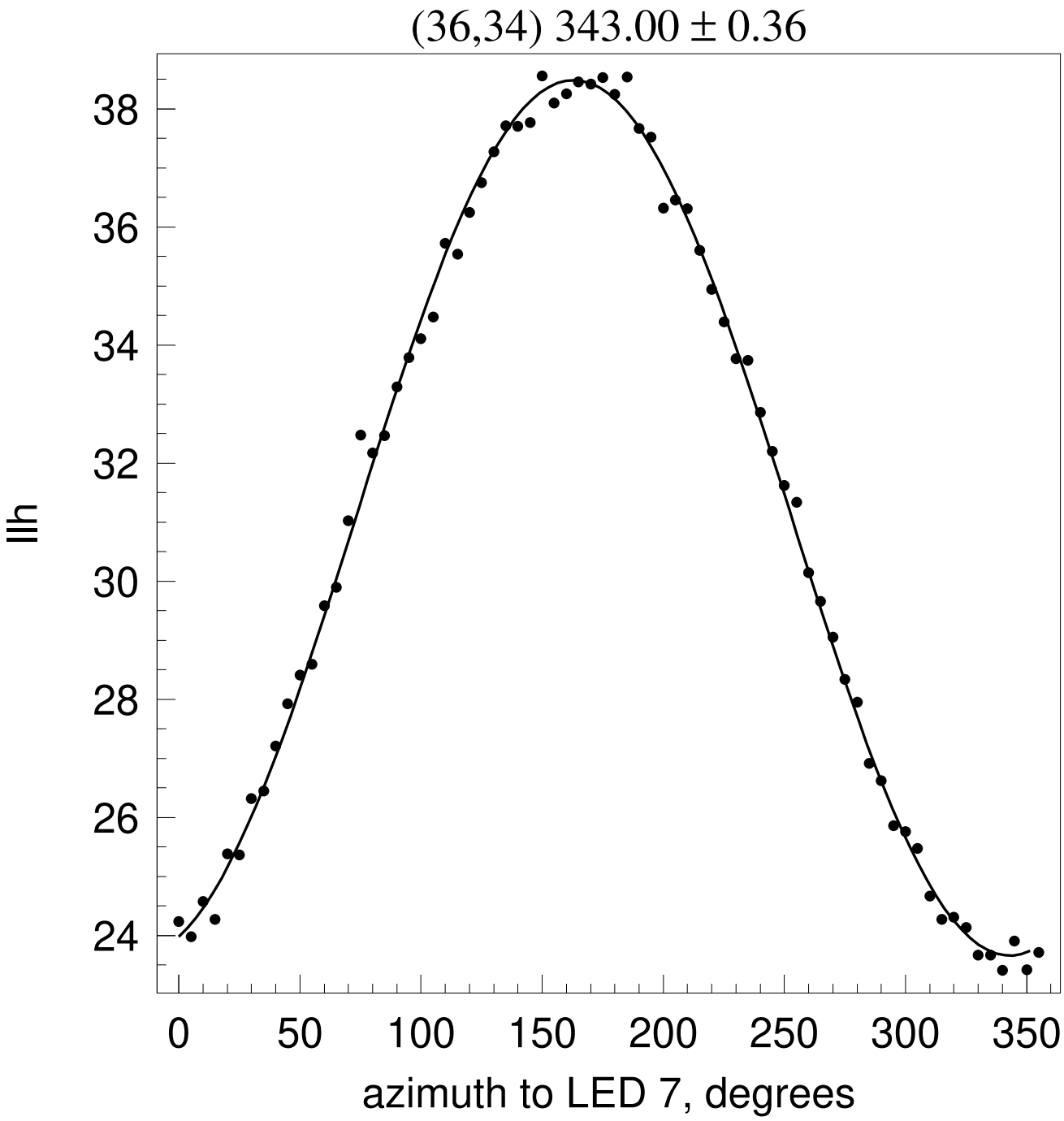

(36,29) 335.58 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

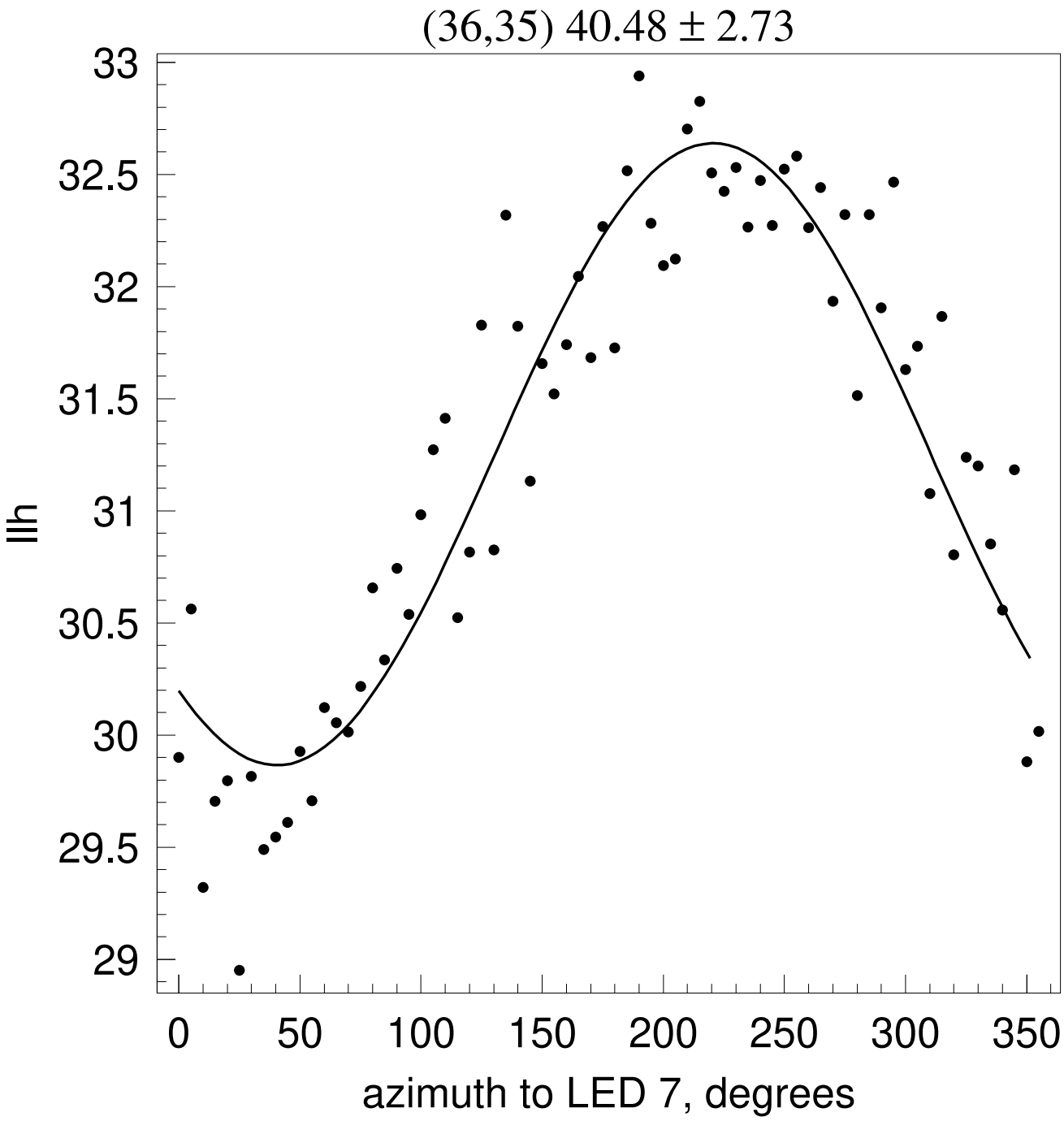

(36,30) 211.47 ± 0.30
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

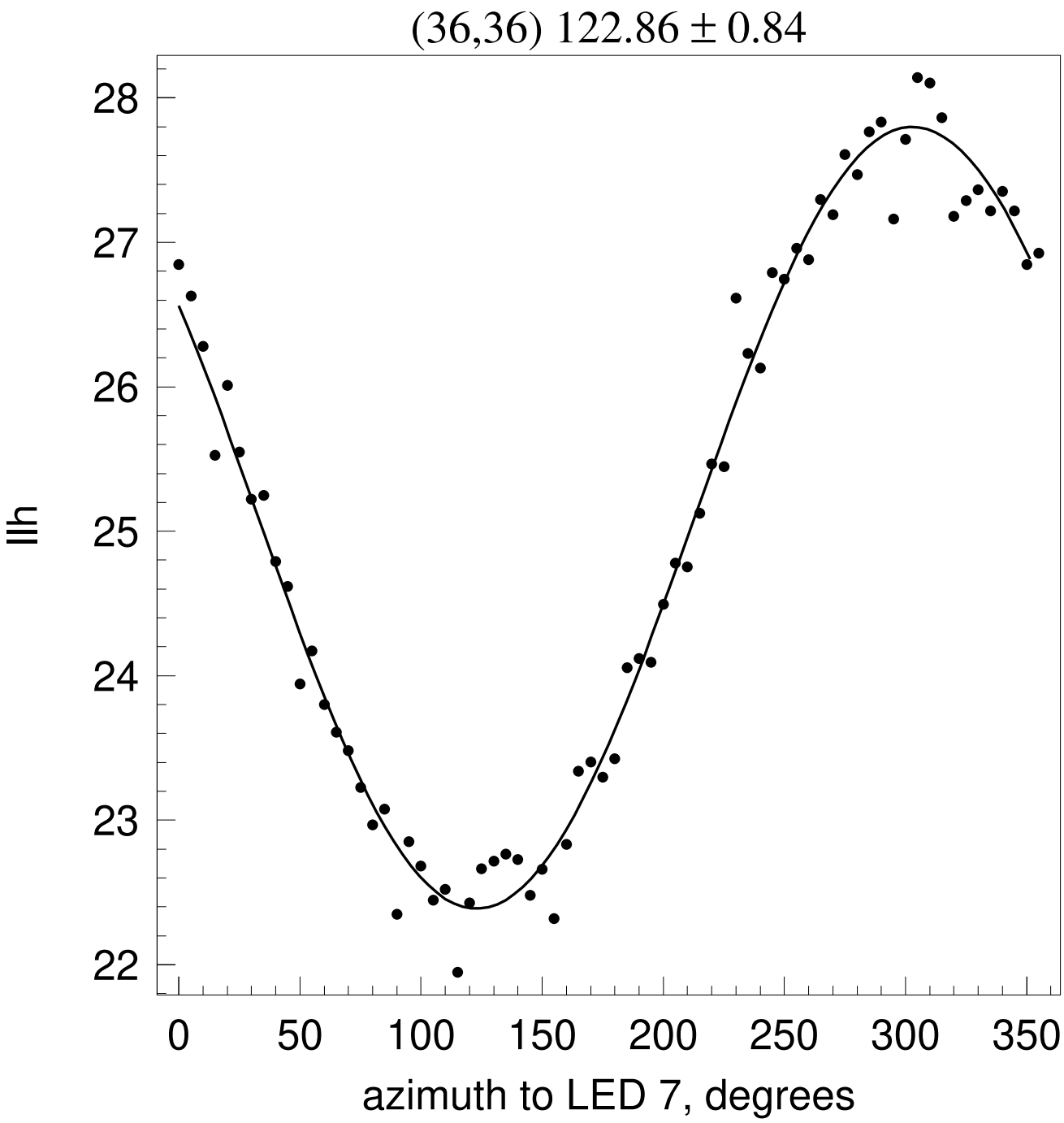

(36,31) 16.78 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

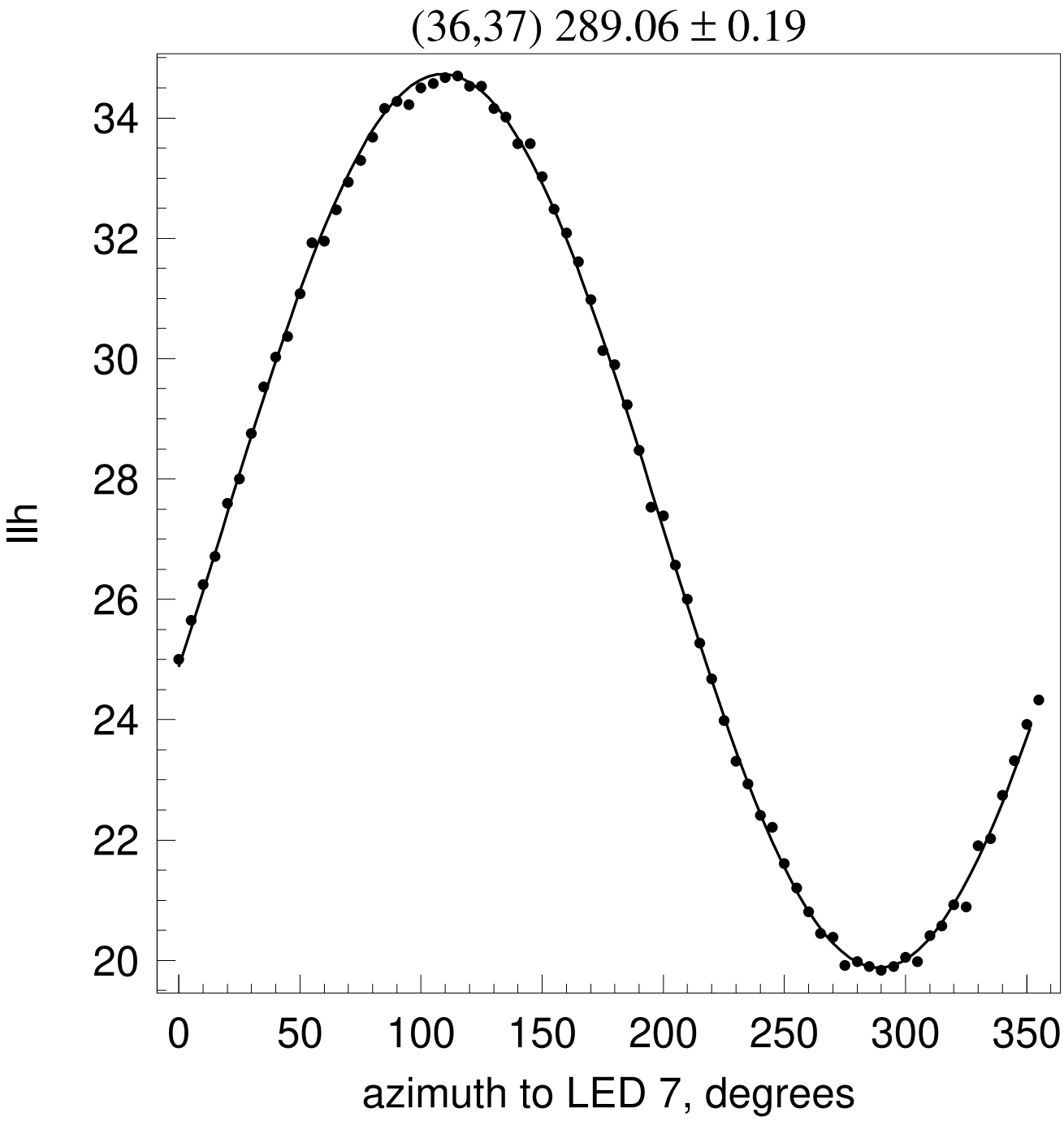

(36,32) 161.20 ± 0.15
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

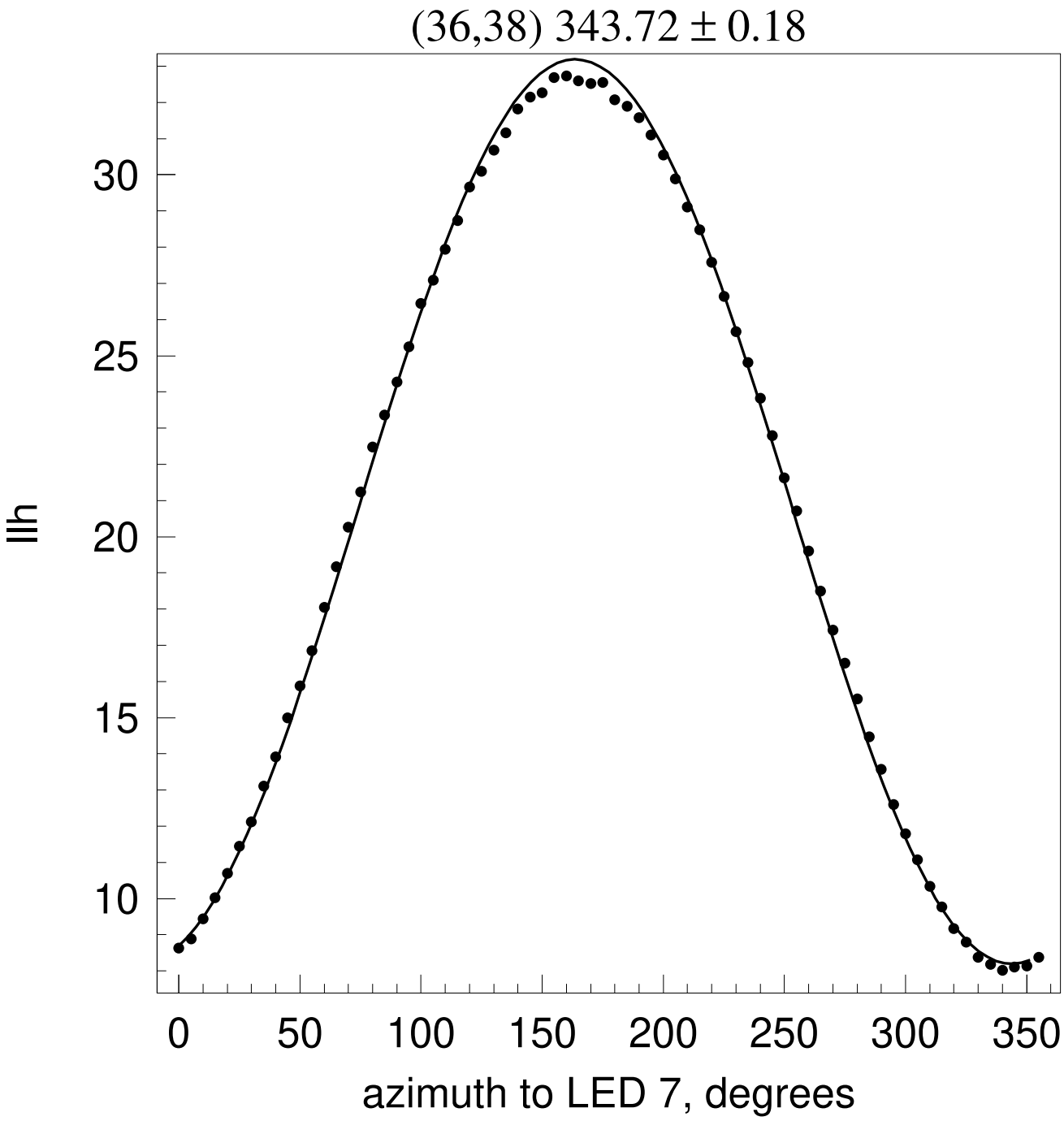

(36,33) 321.27 ± 0.15
50
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

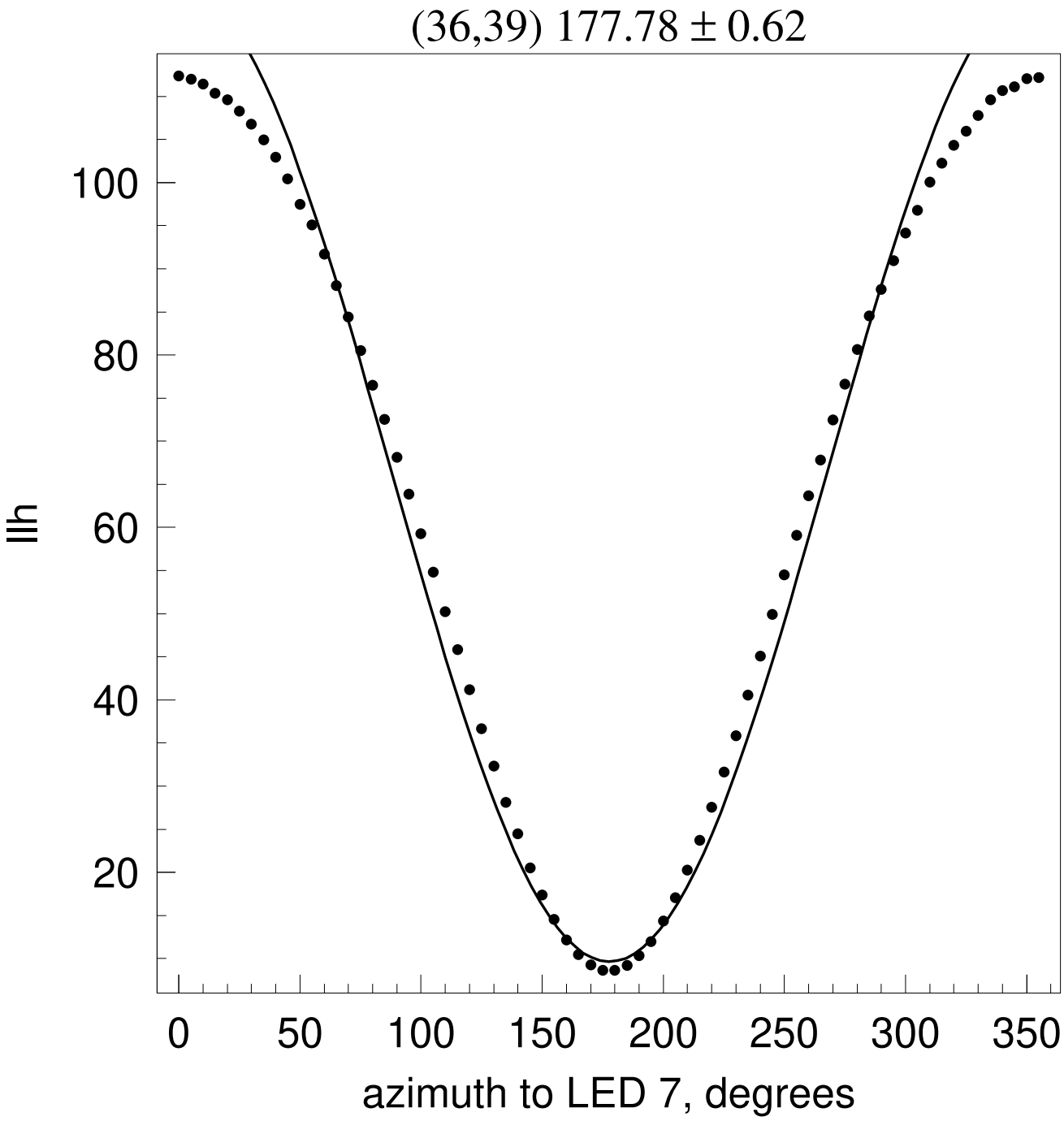

(36,34) 343.00 ± 0.36
38
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

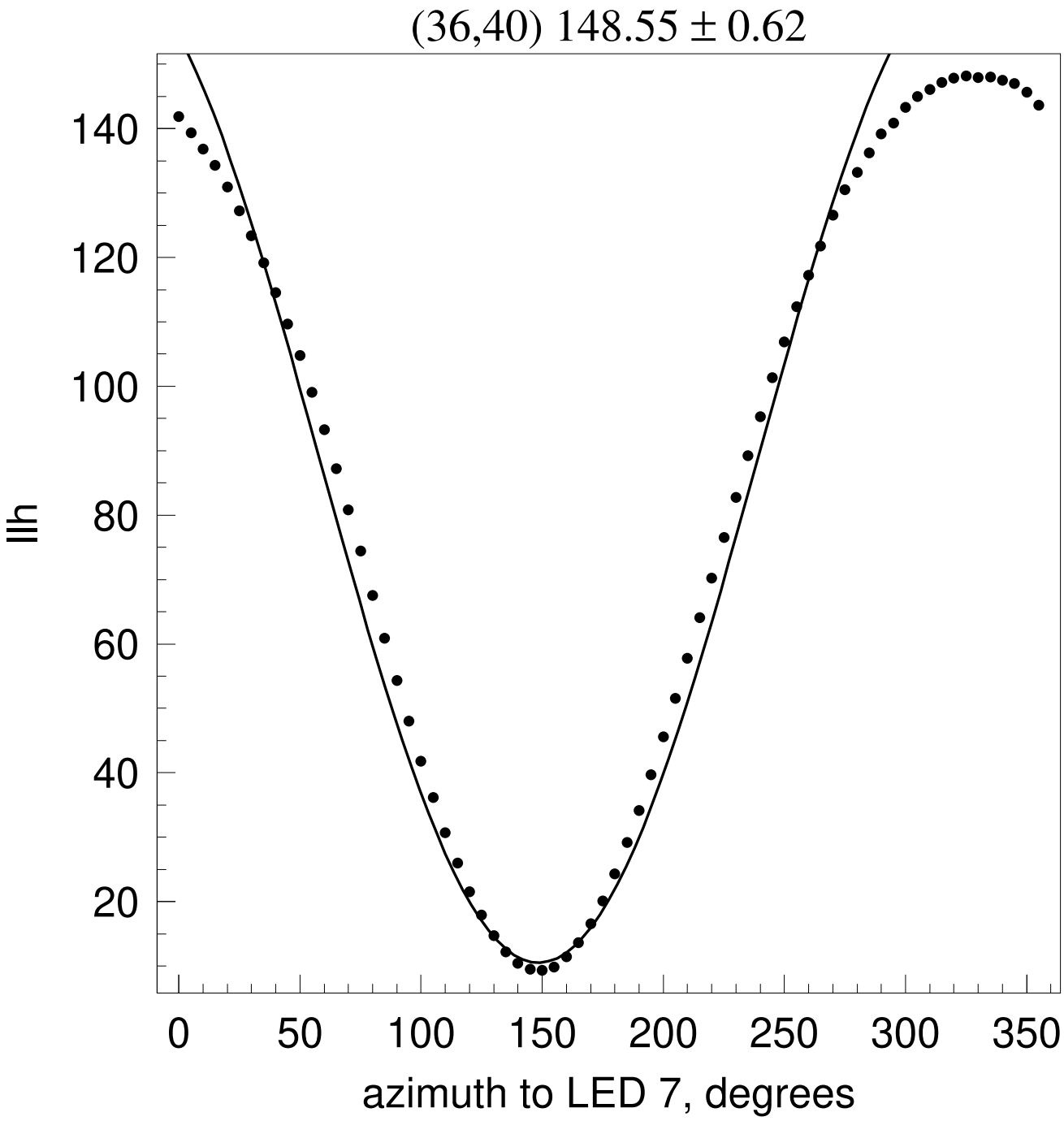

(36,35) 40.48 ± 2.73
33
32.5
32
31.5
31
30.5
30
29.5
29
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

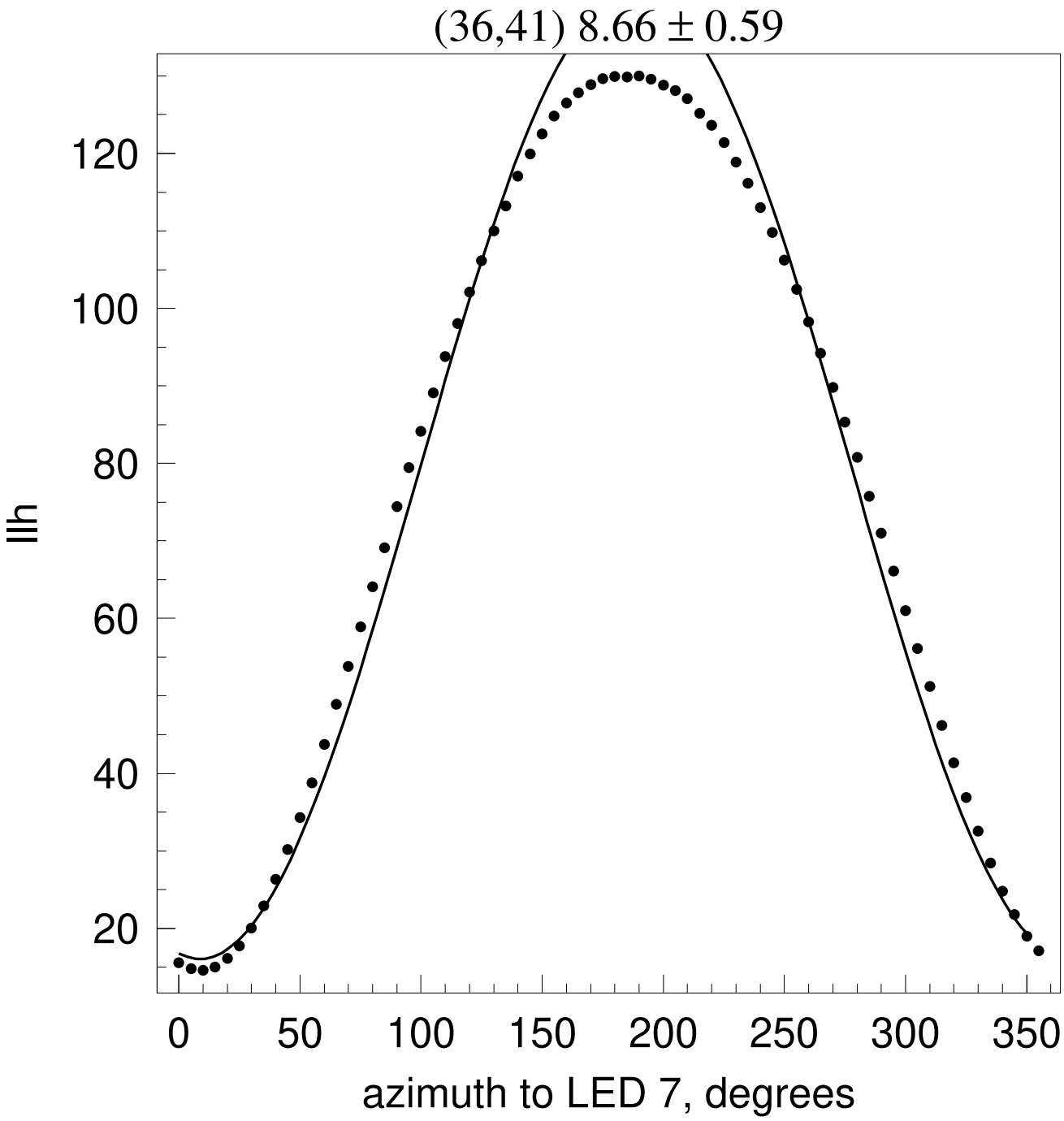

(36,36) 122.86 ± 0.84
28
27
26
25
24
23
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

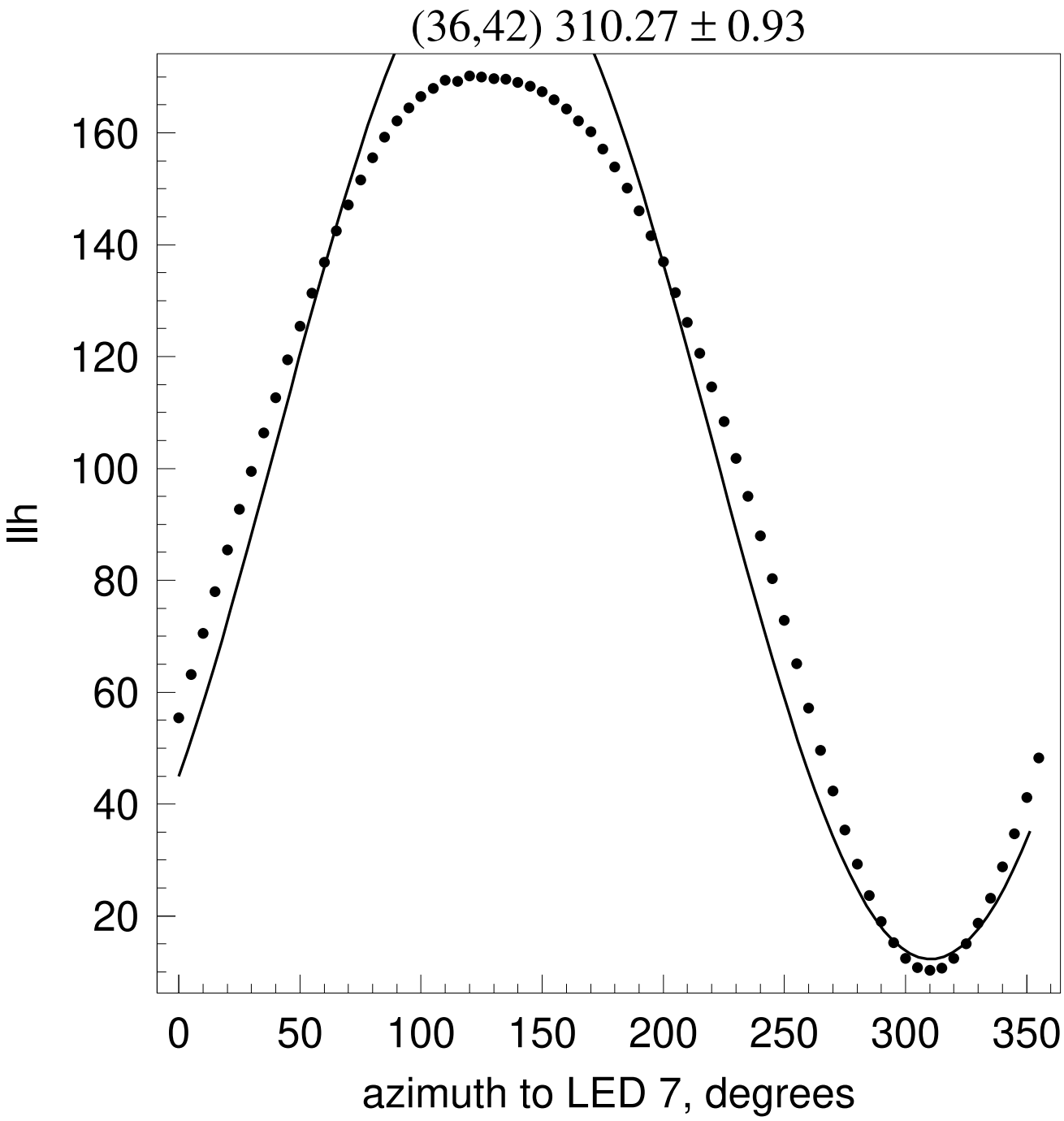

(36,37) 289.06 ± 0.19
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

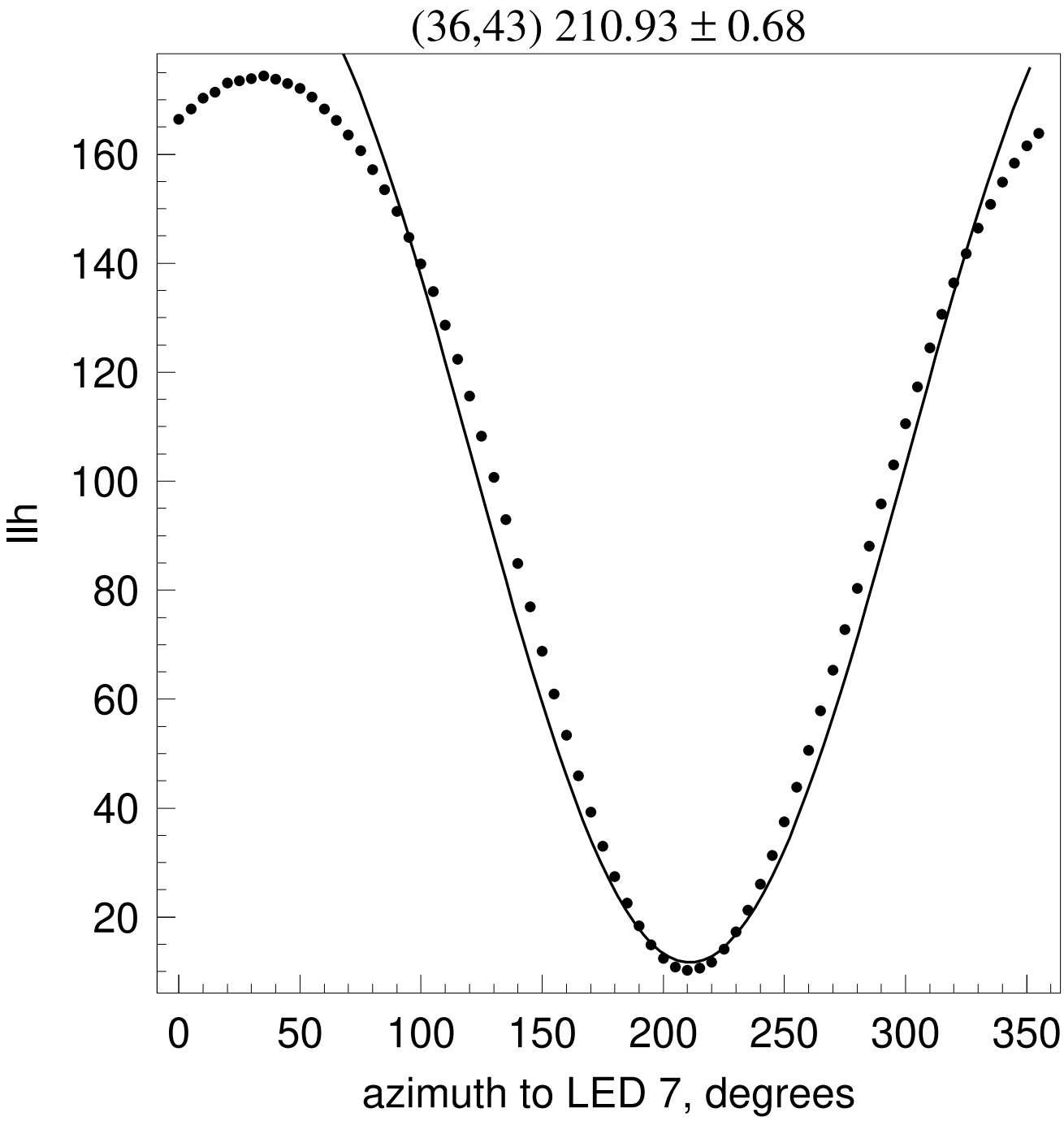

(36,38) 343.72 ± 0.18
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

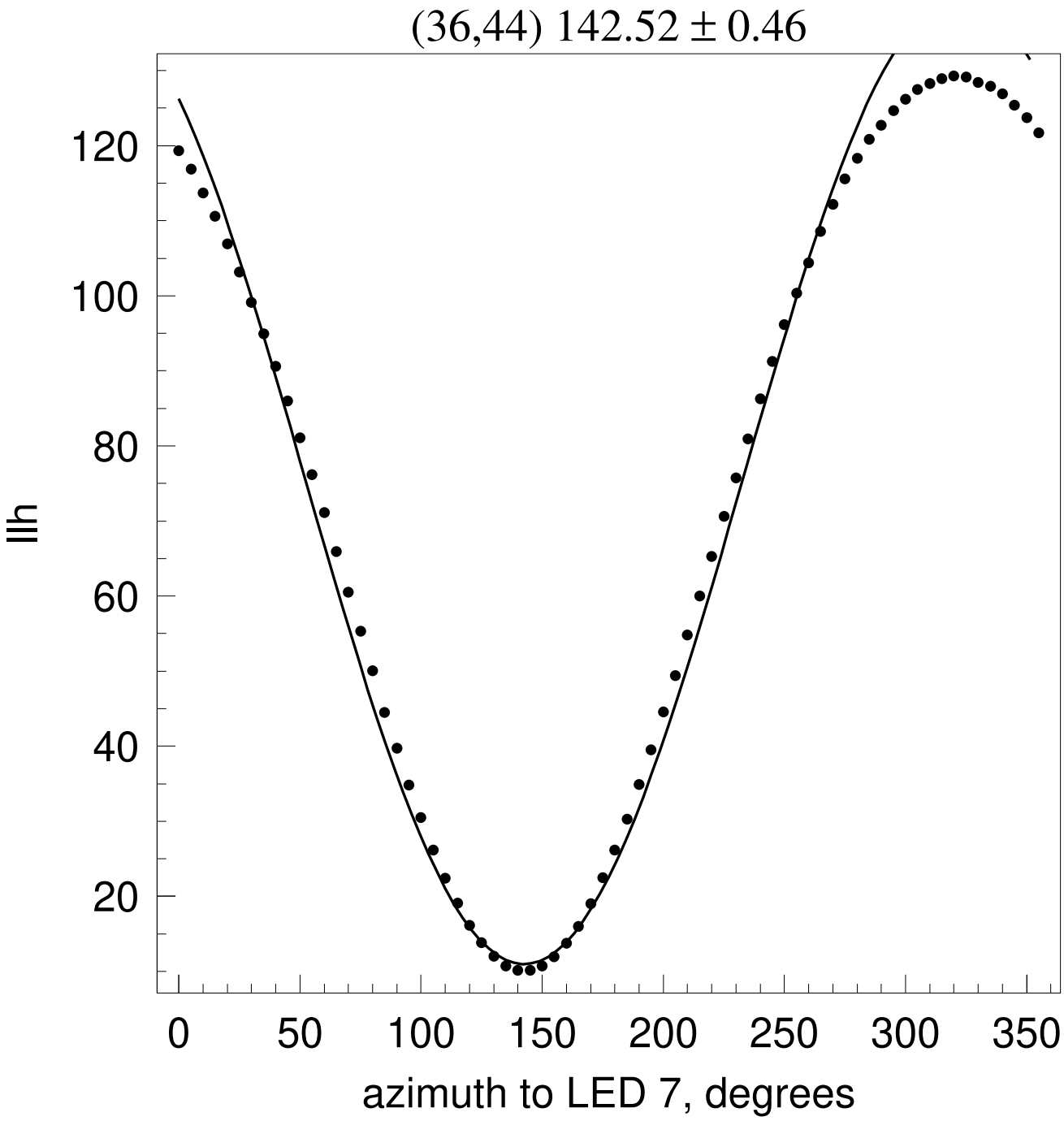

(36,39) 177.78 ± 0.62
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

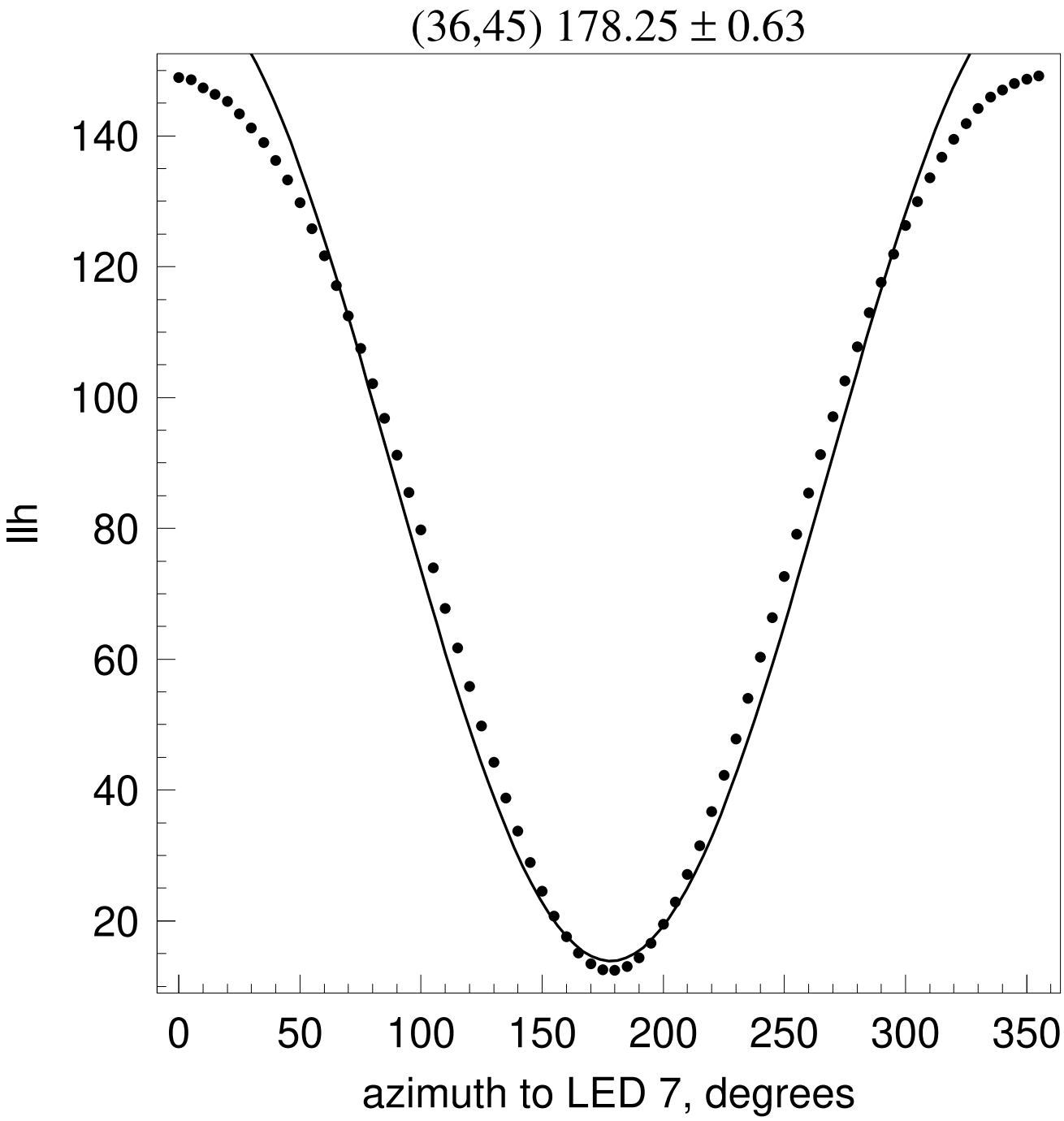

(36,40) 148.55 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

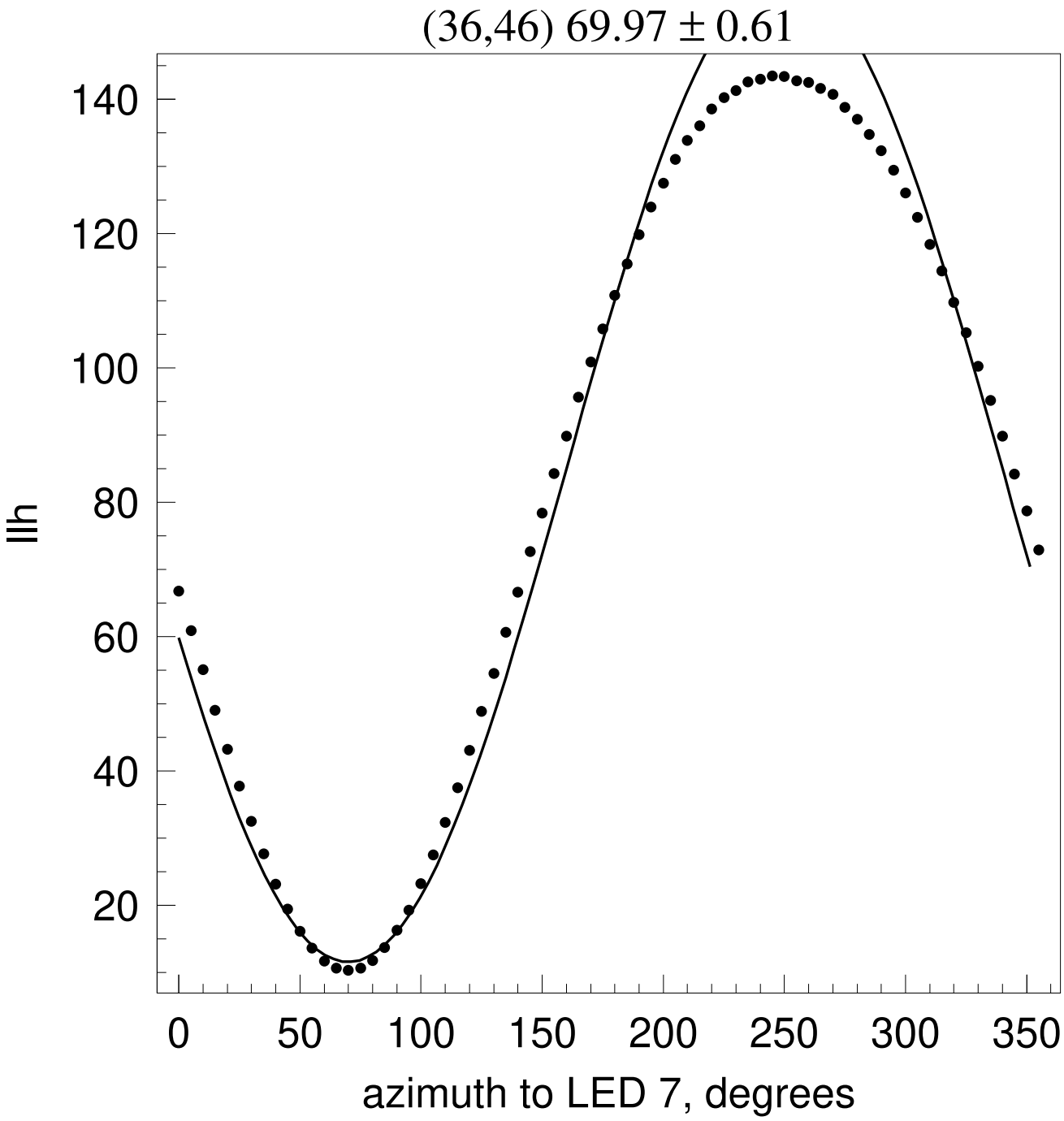

(36,41) 8.66 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

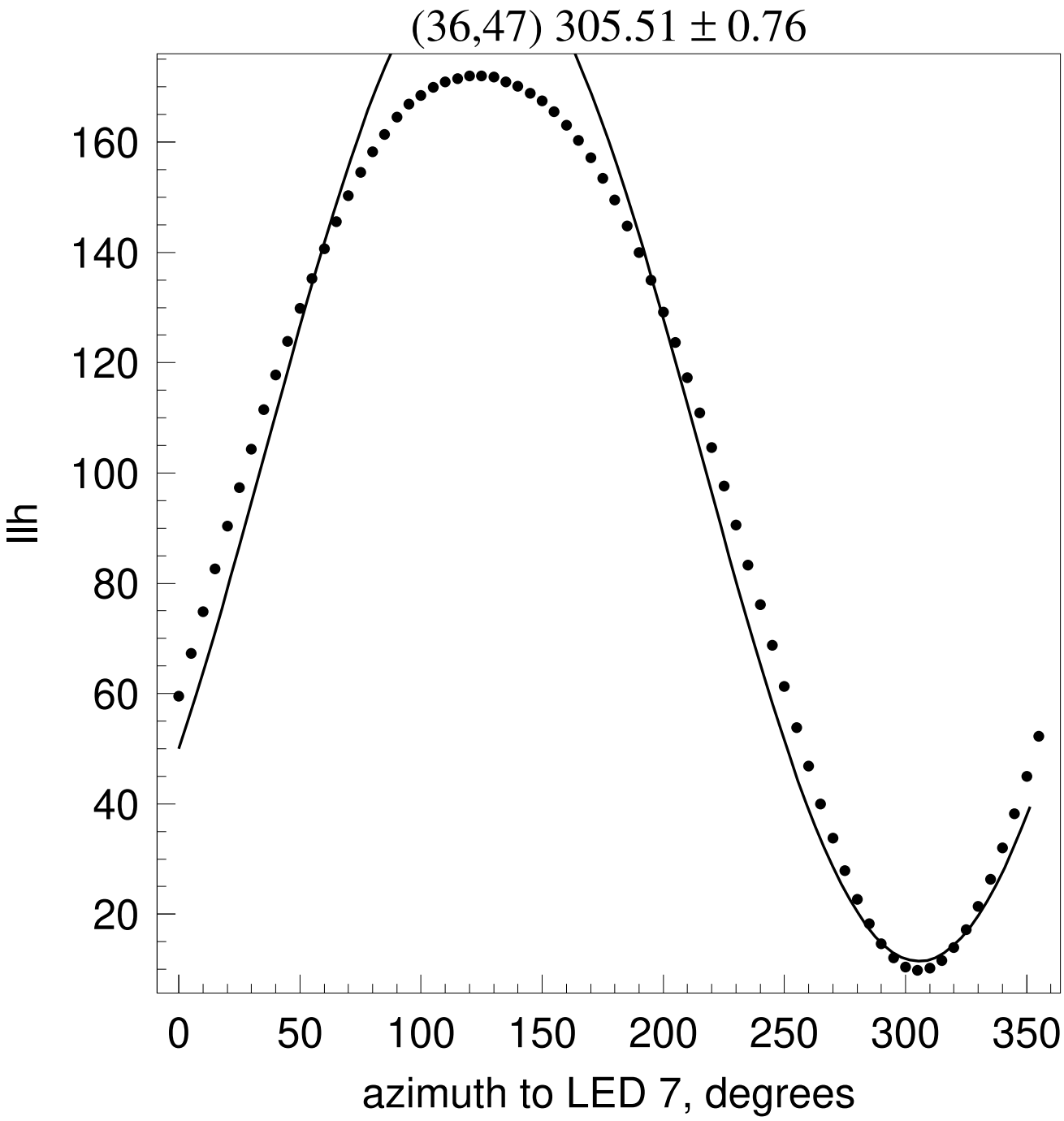

(36,42) 310.27 ± 0.93
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

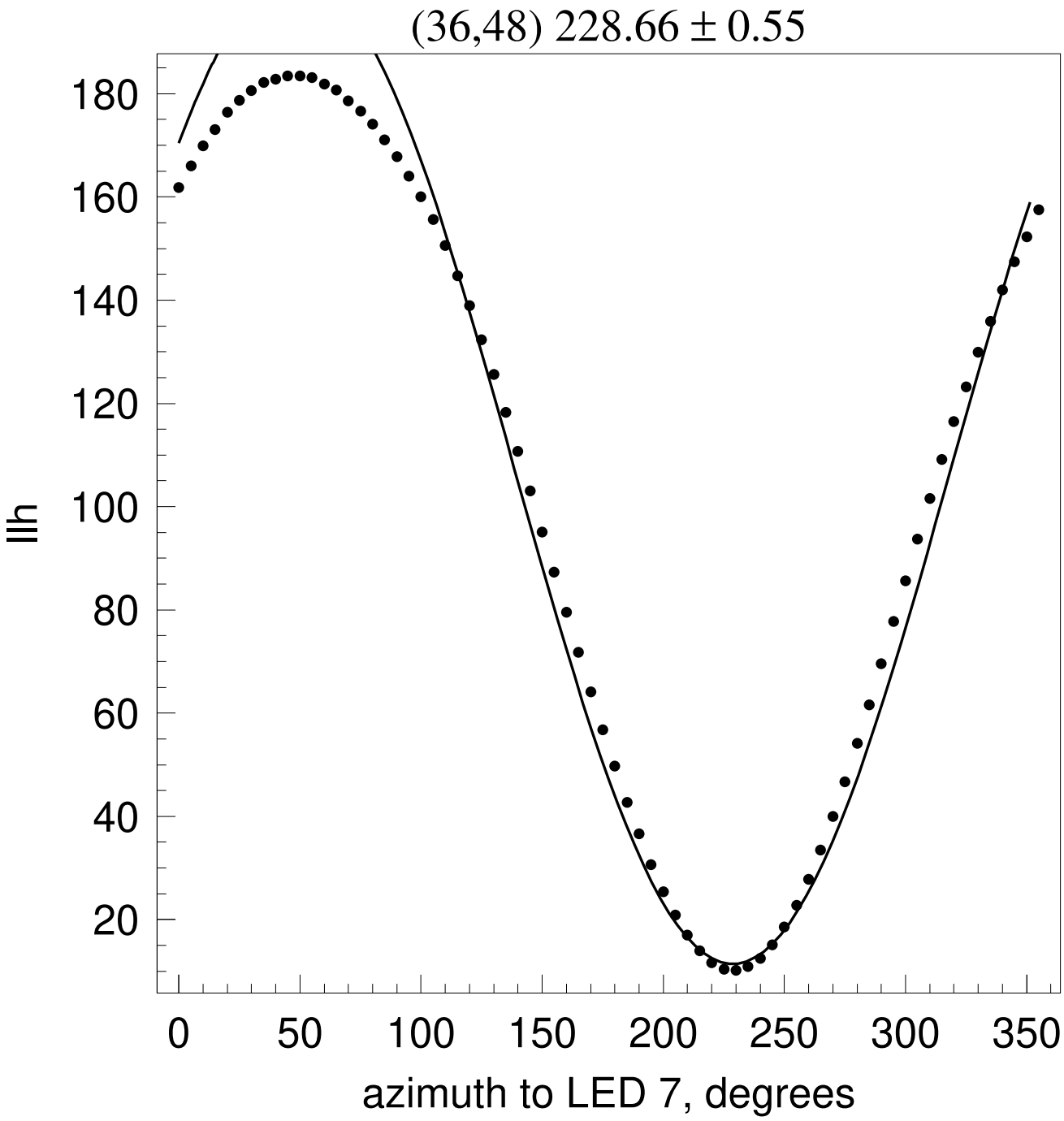

(36,43) 210.93 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

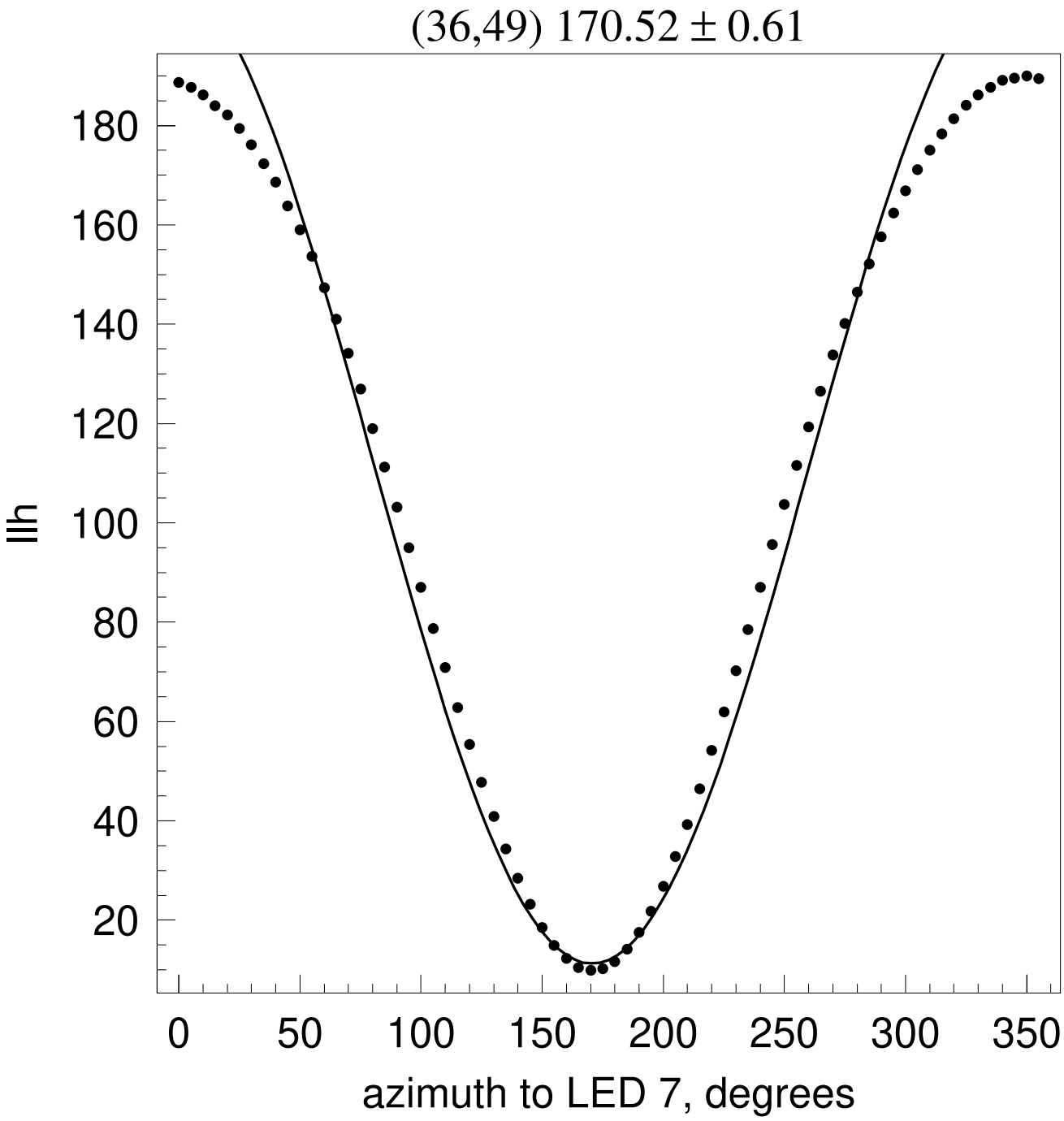

(36,44) 142.52 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

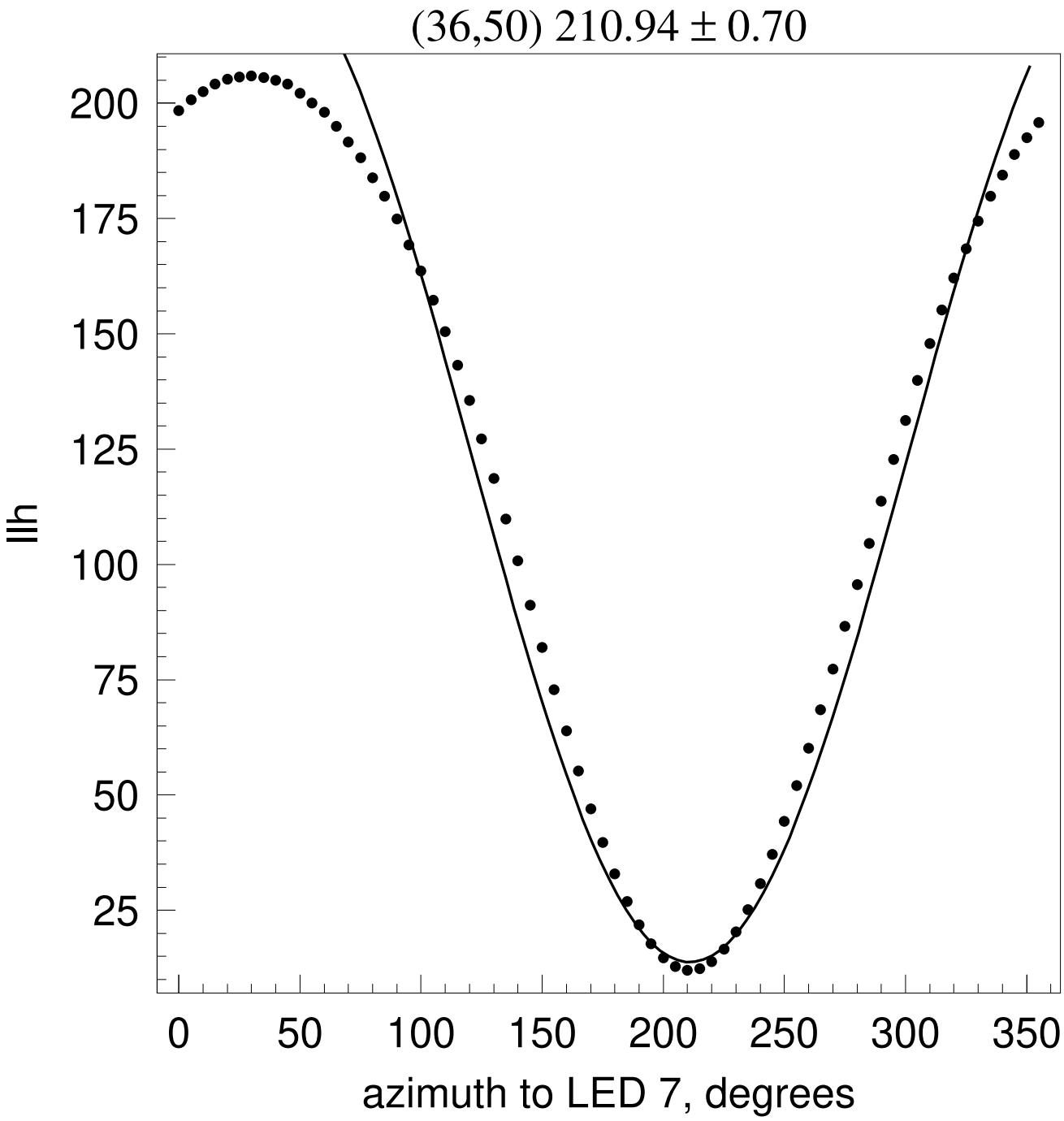

(36,45) 178.25 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

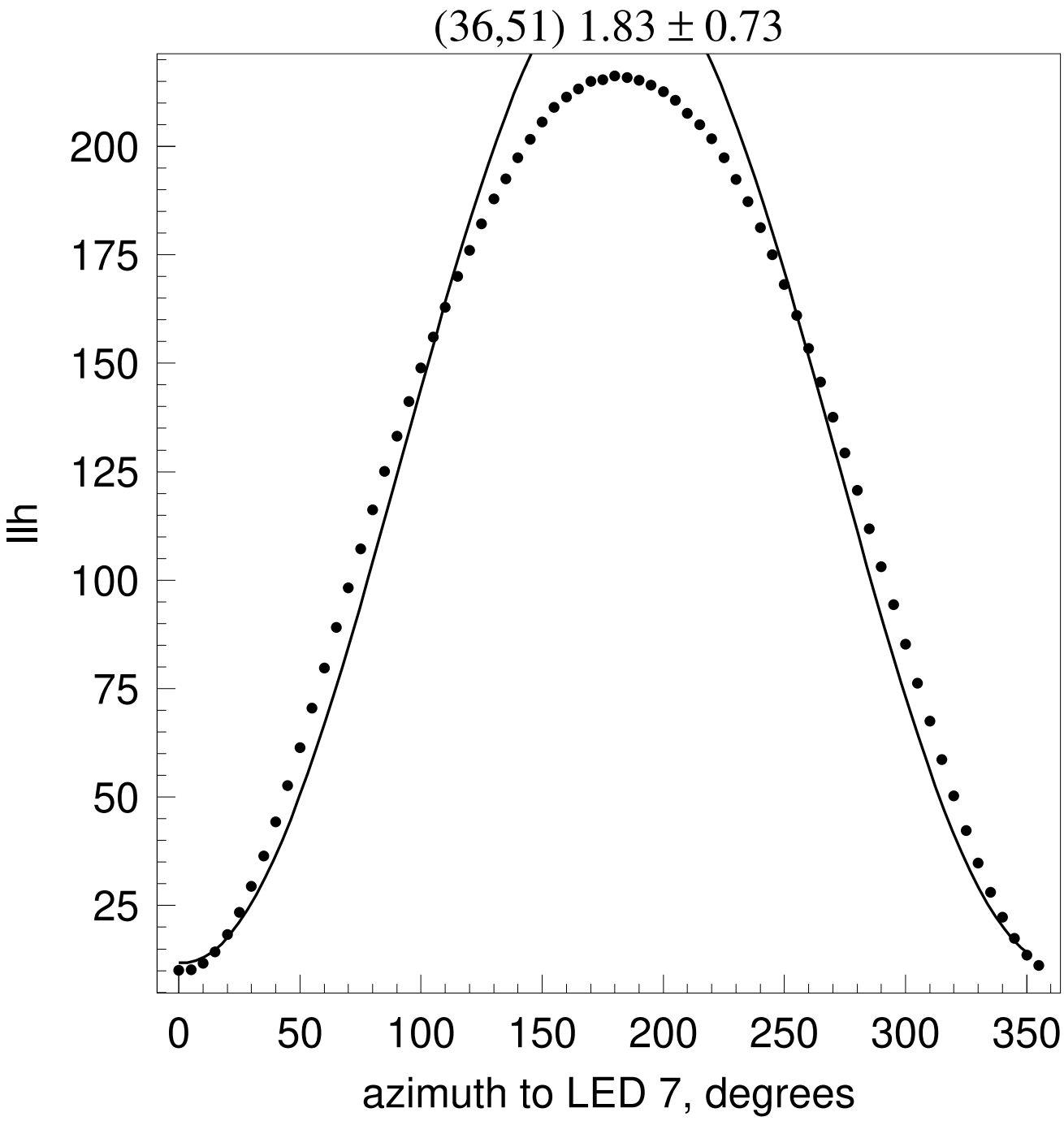

(36,46) 69.97 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

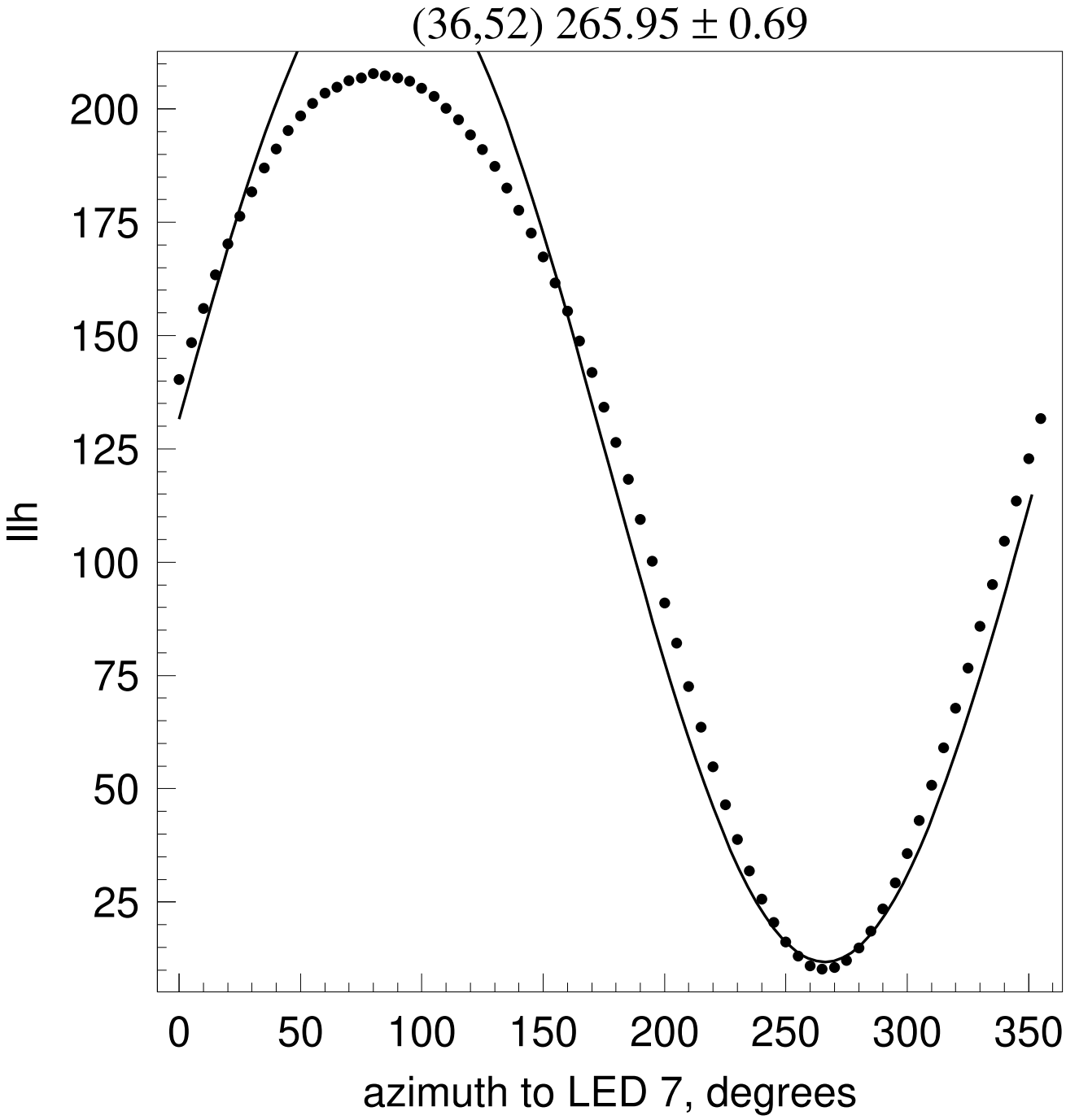

(36,47) 305.51 ± 0.76
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

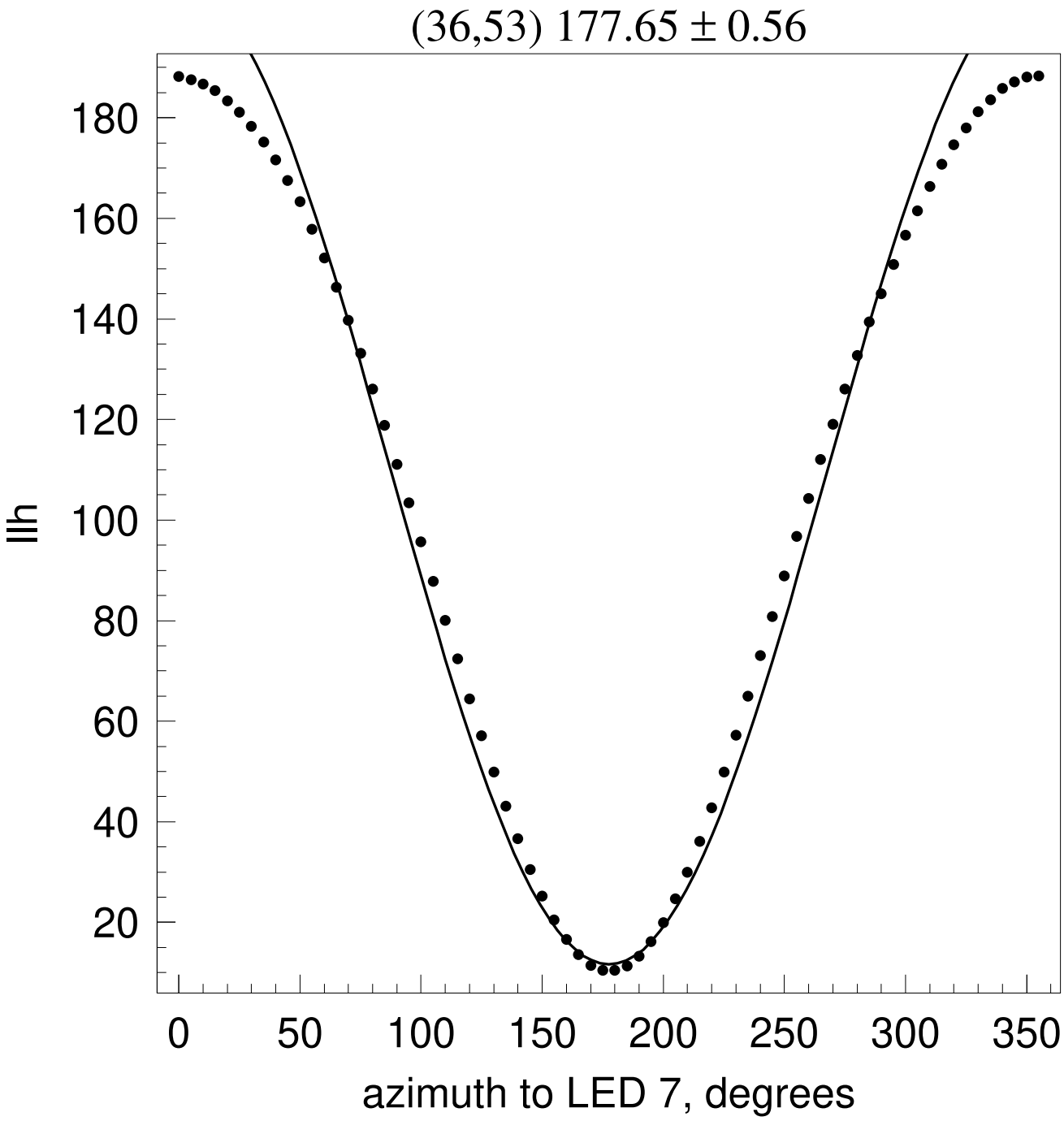

(36,48) 228.66 ± 0.55
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

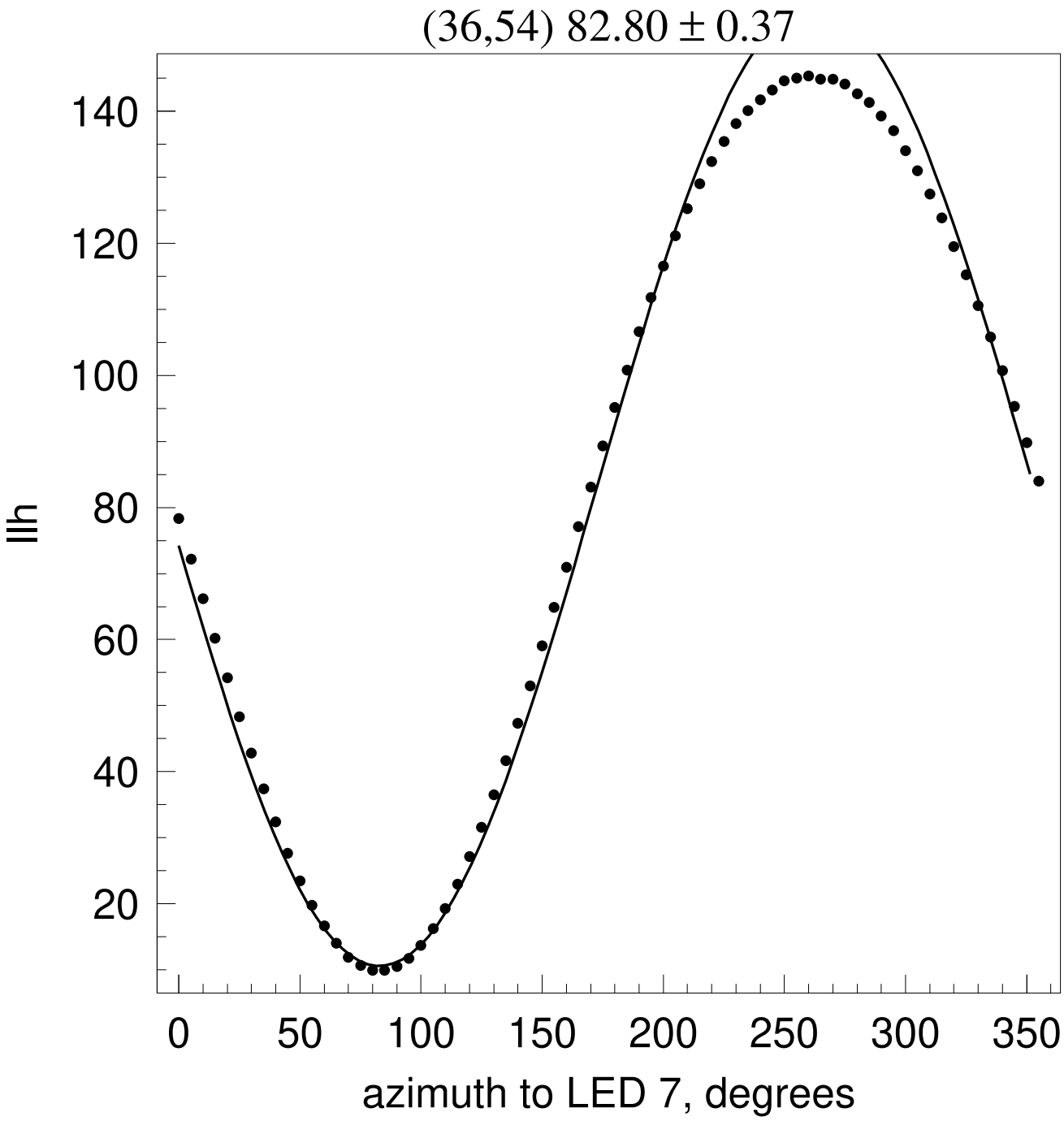

(36,49) 170.52 ± 0.61
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

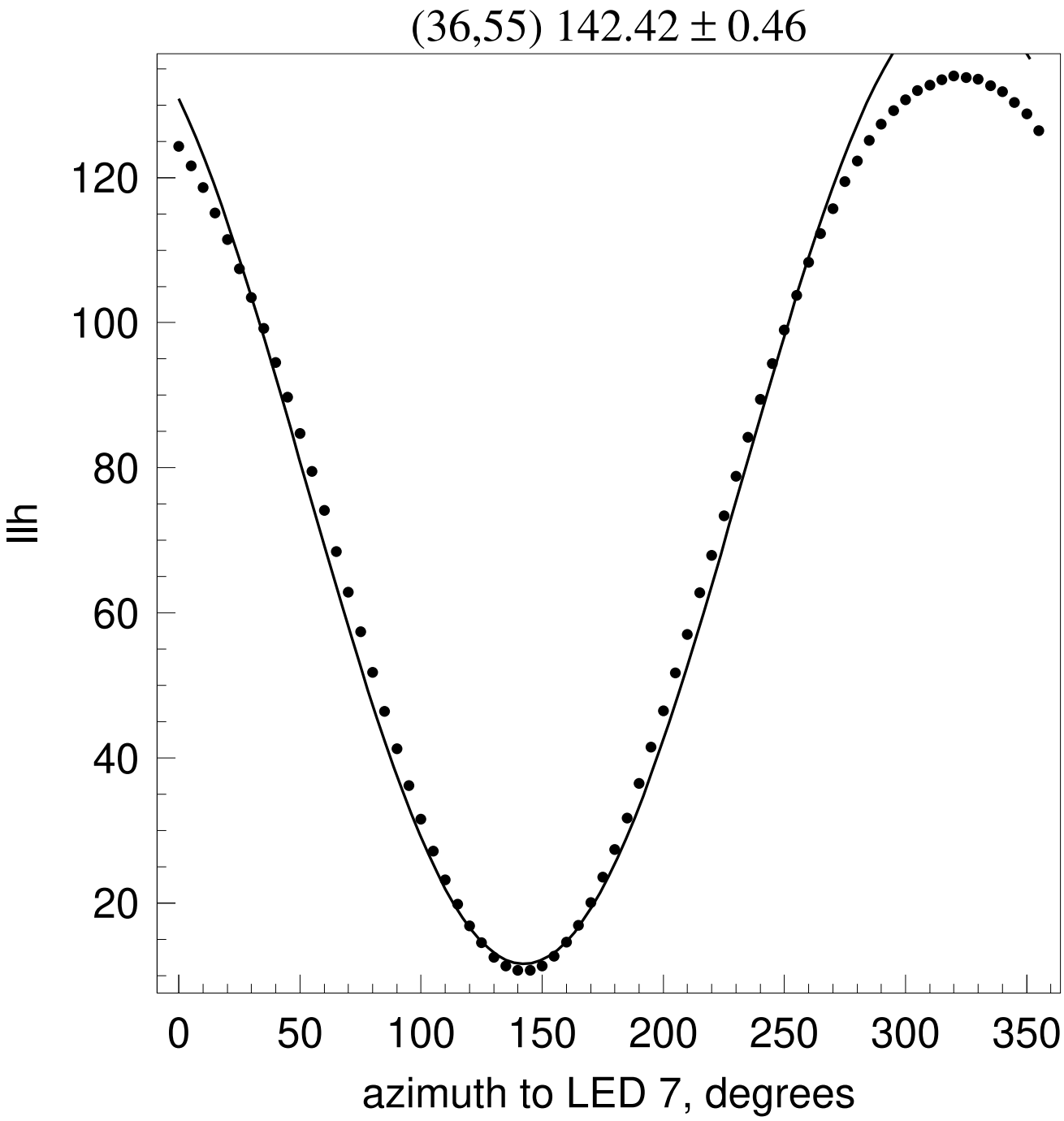

(36,50) 210.94 ± 0.70
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

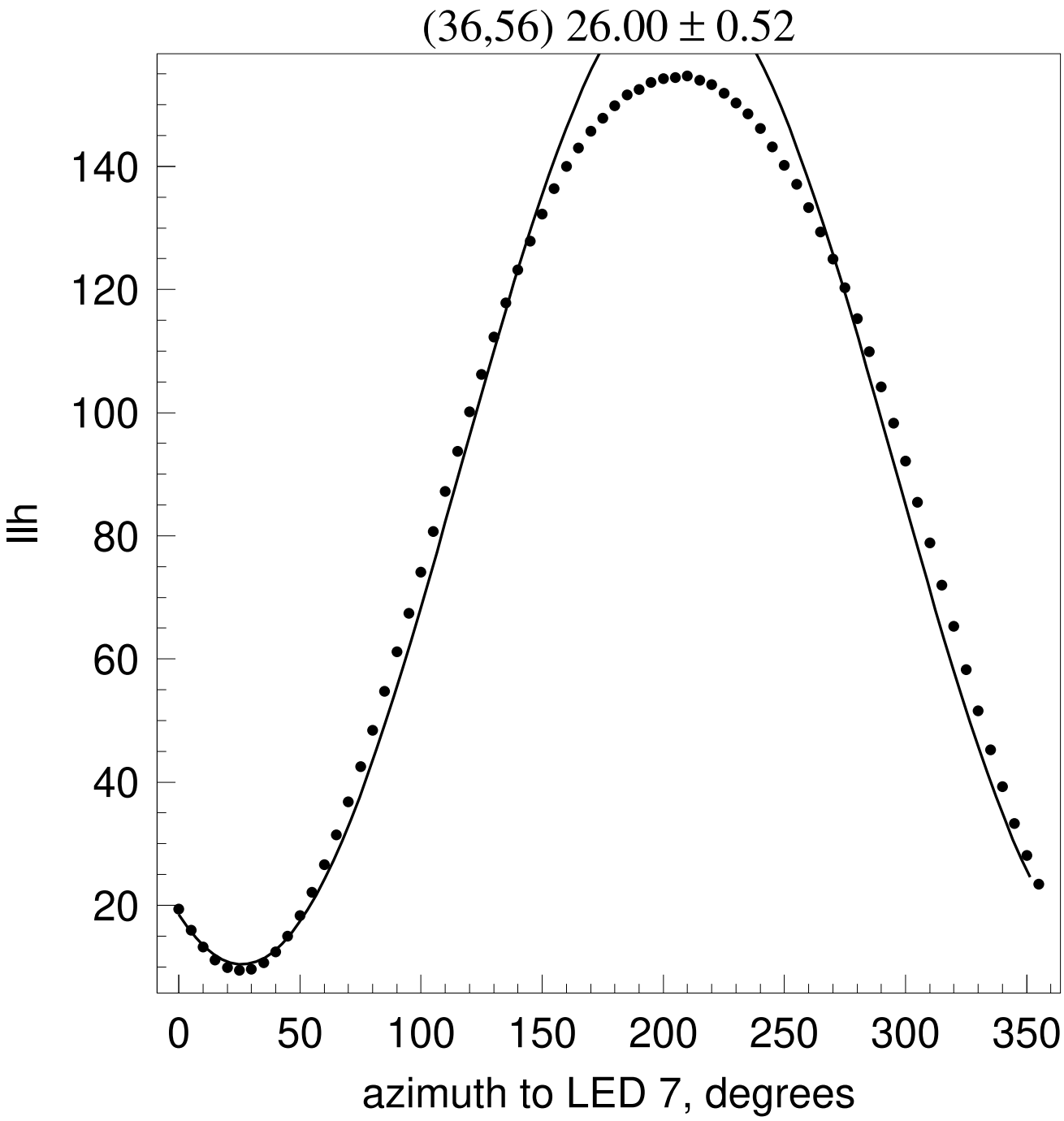

(36,51) 1.83 ± 0.73
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

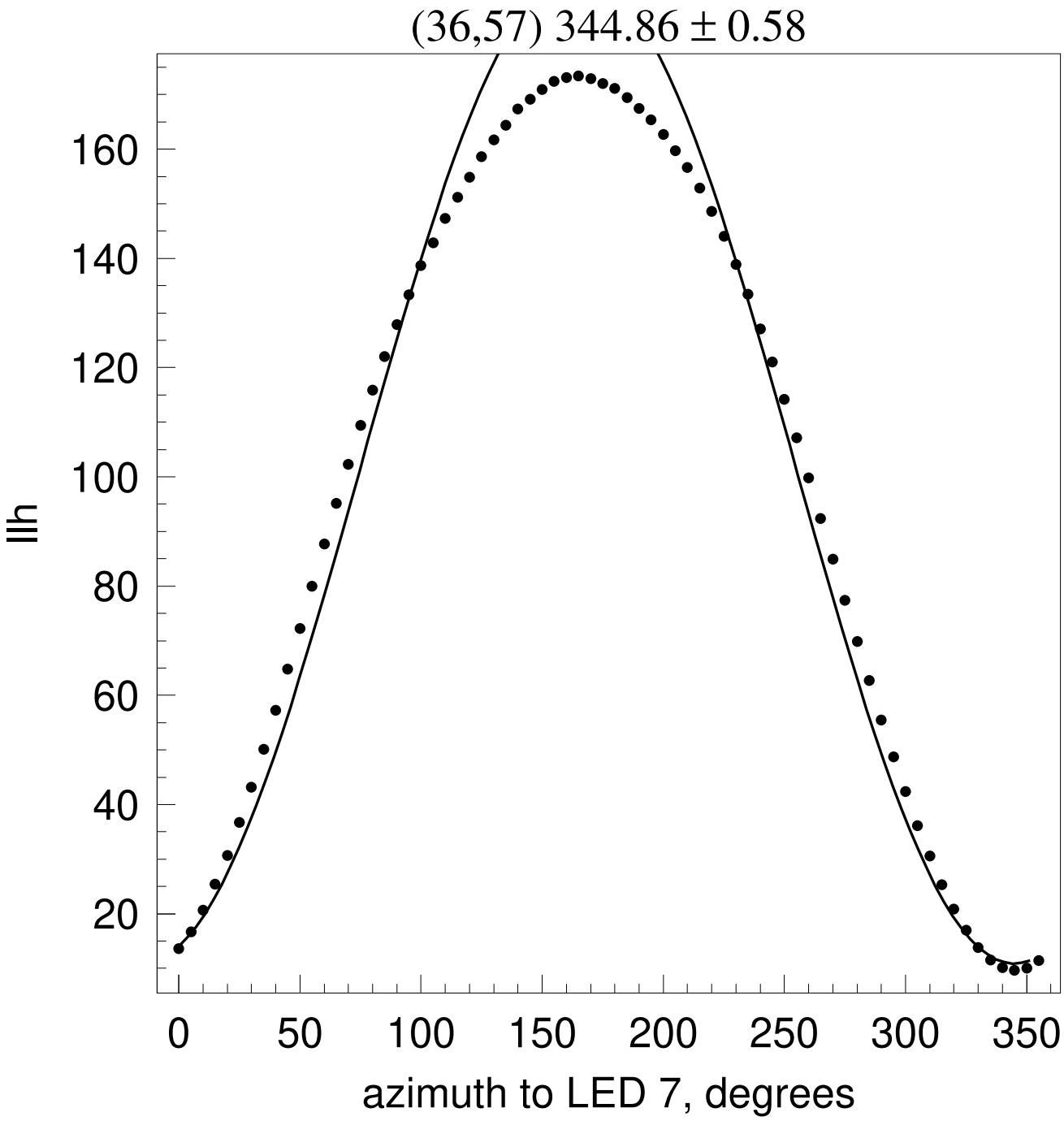

(36,52) 265.95 ± 0.69
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

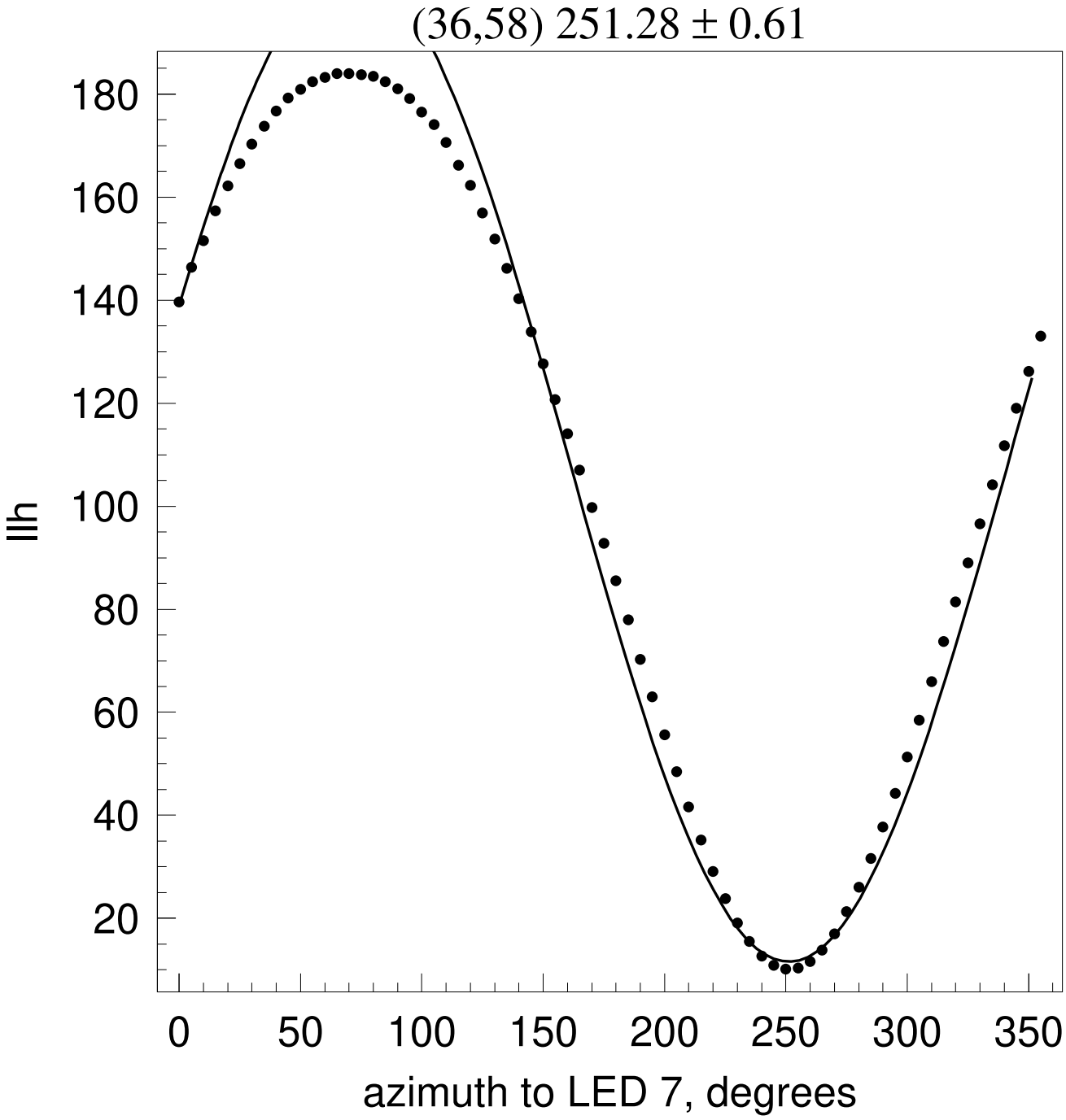

(36,53) 177.65 ± 0.56
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

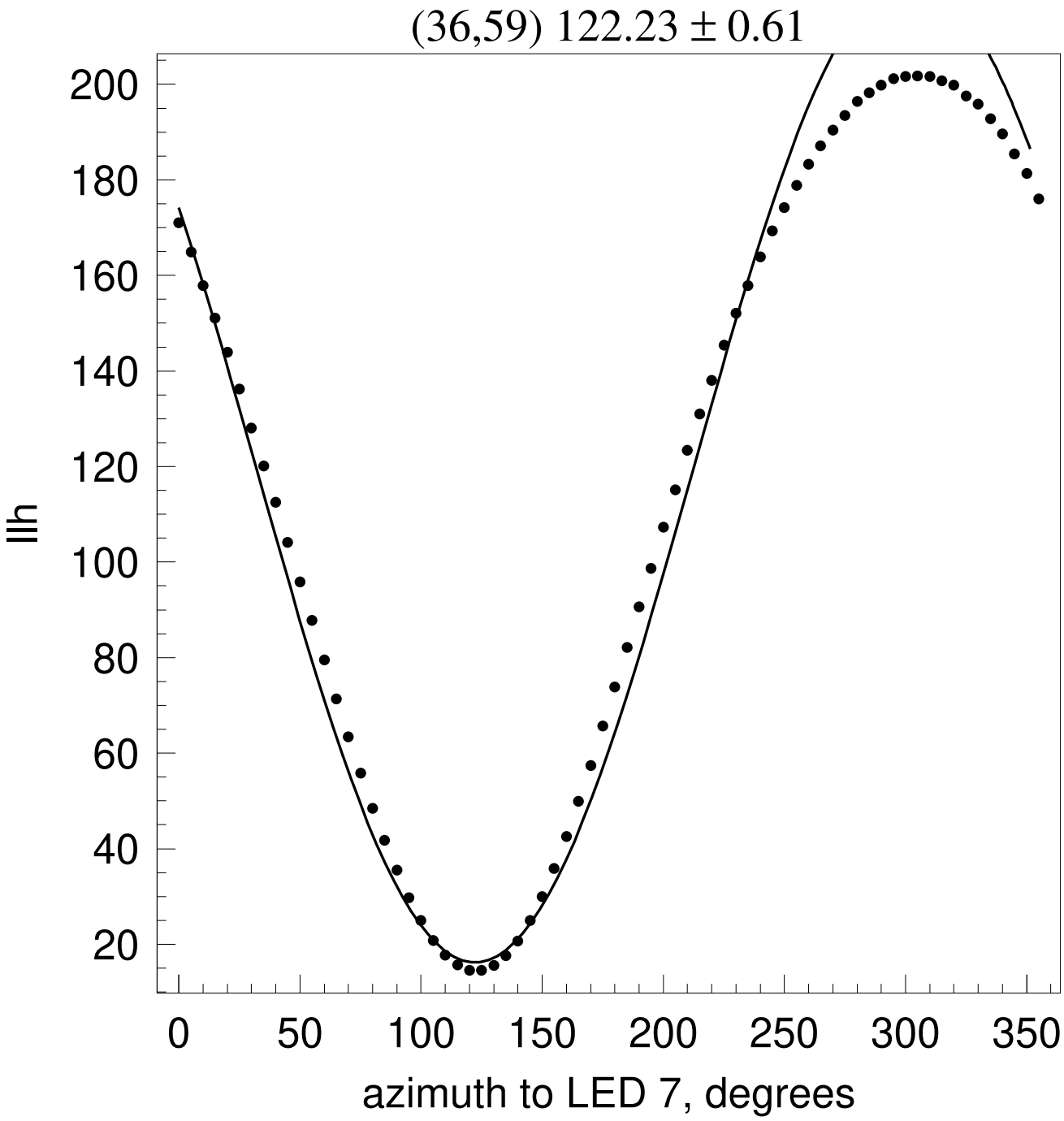

(36,54) 82.80 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

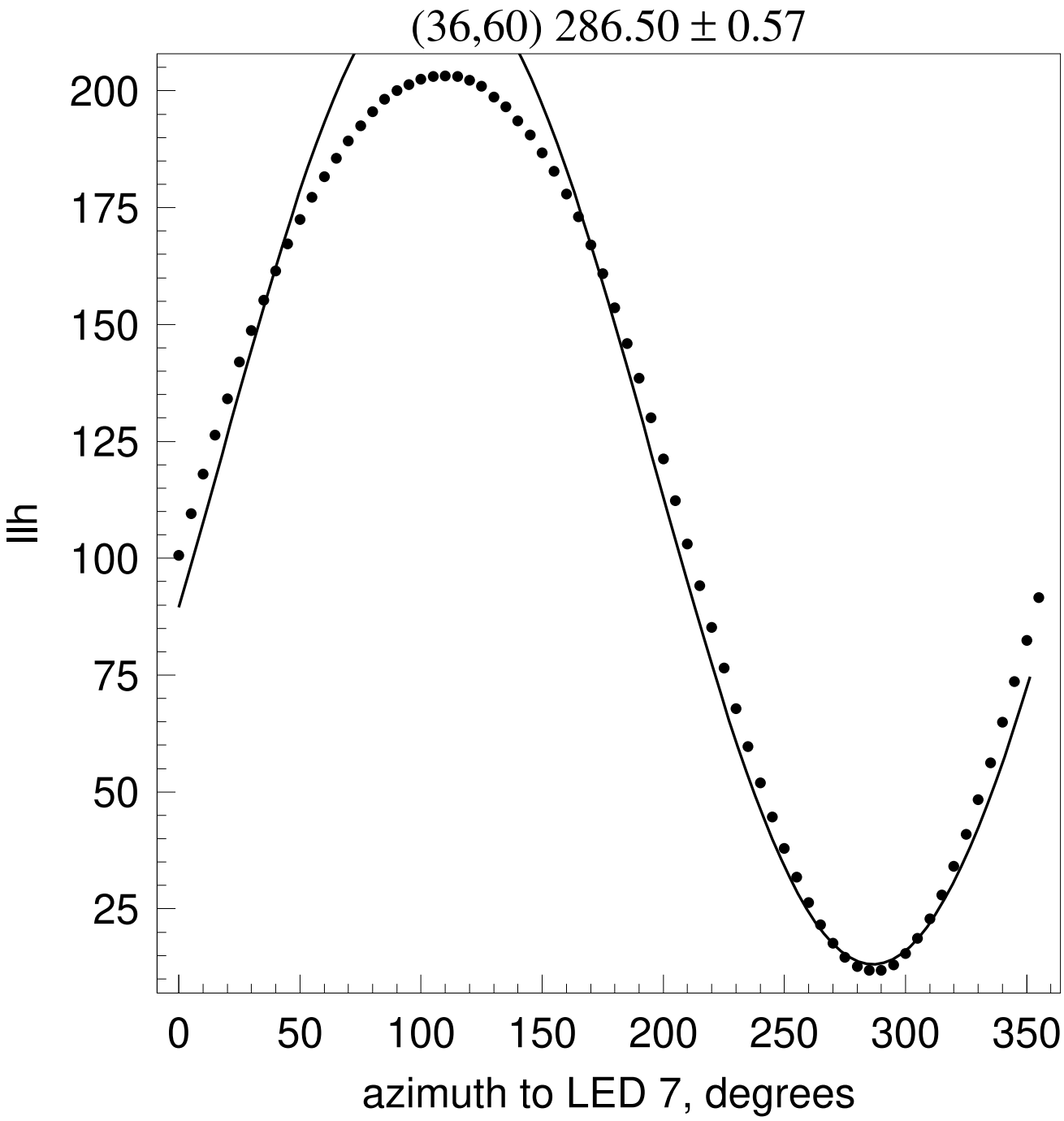

(36,55) 142.42 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

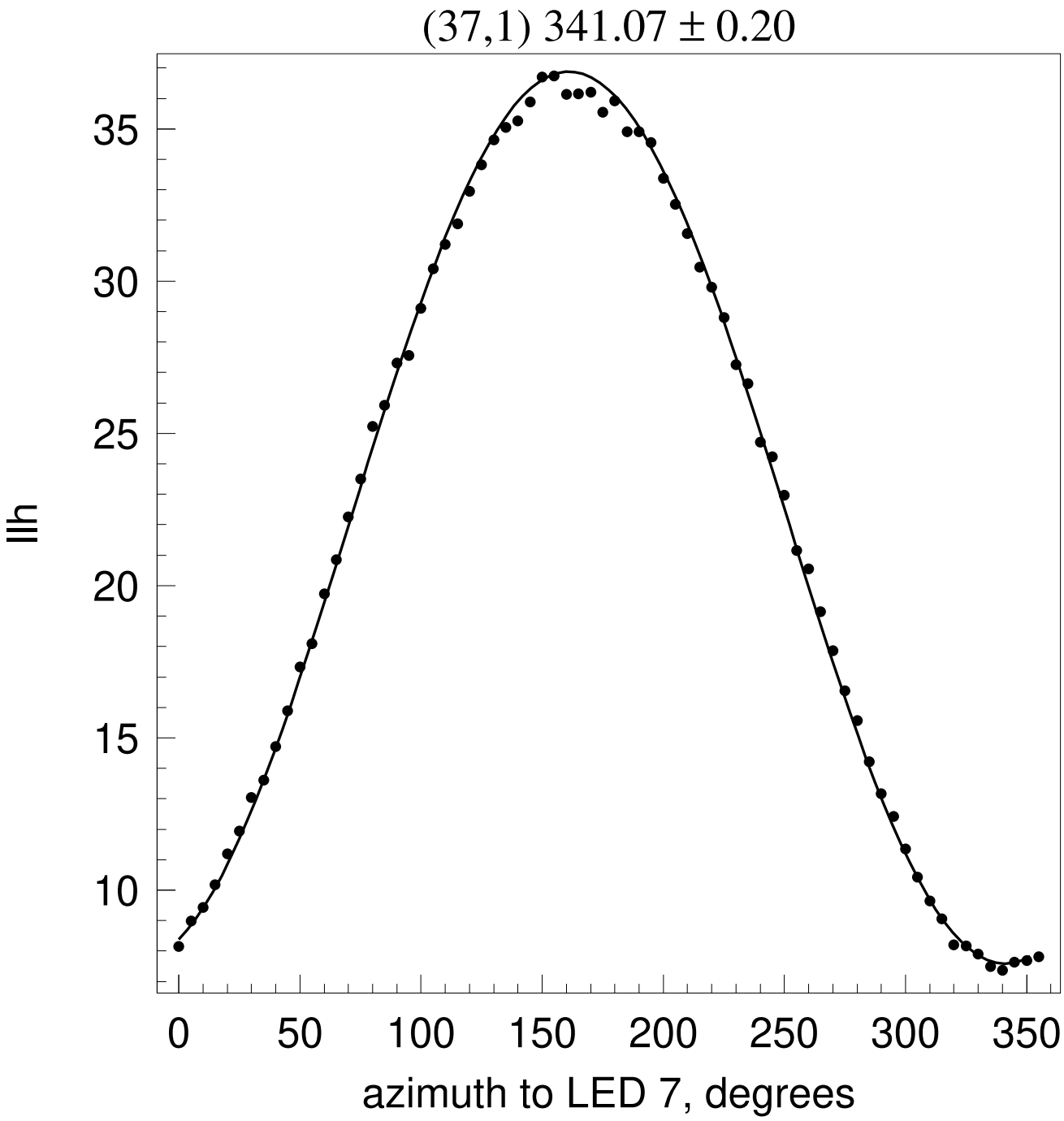

(36,56) 26.00 ± 0.52
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

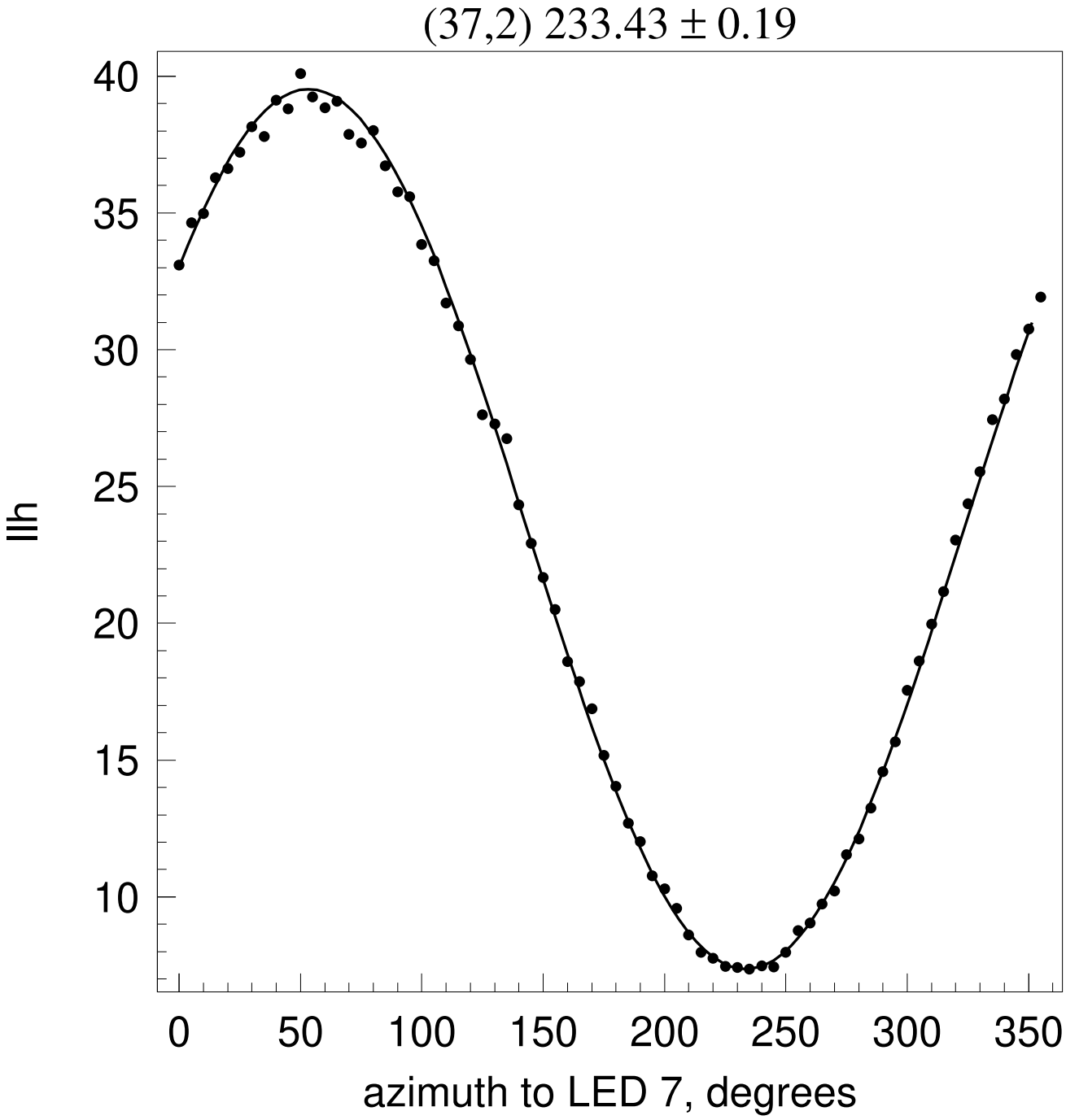

(36,57) 344.86 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

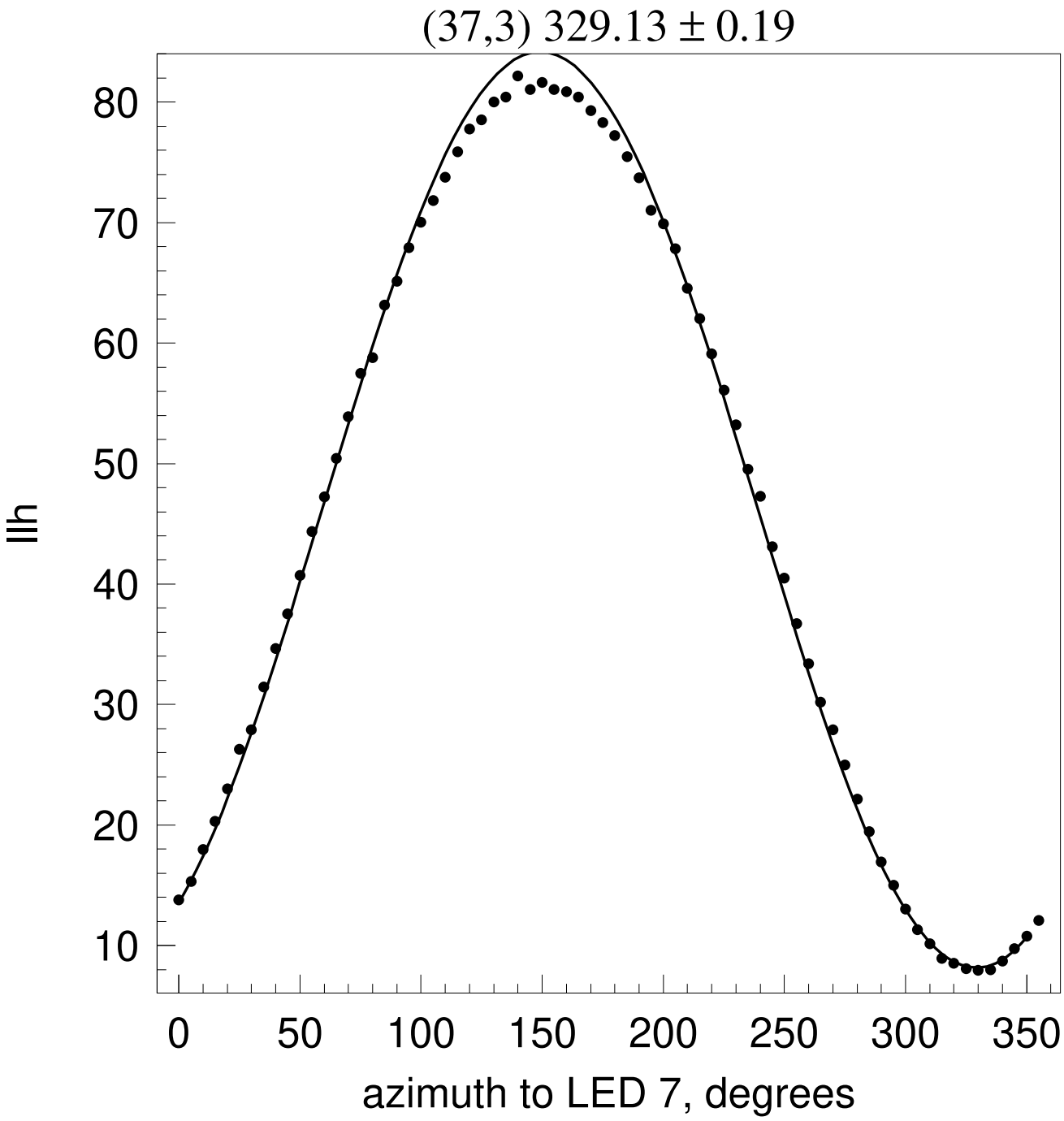

(36,58) 251.28 ± 0.61
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

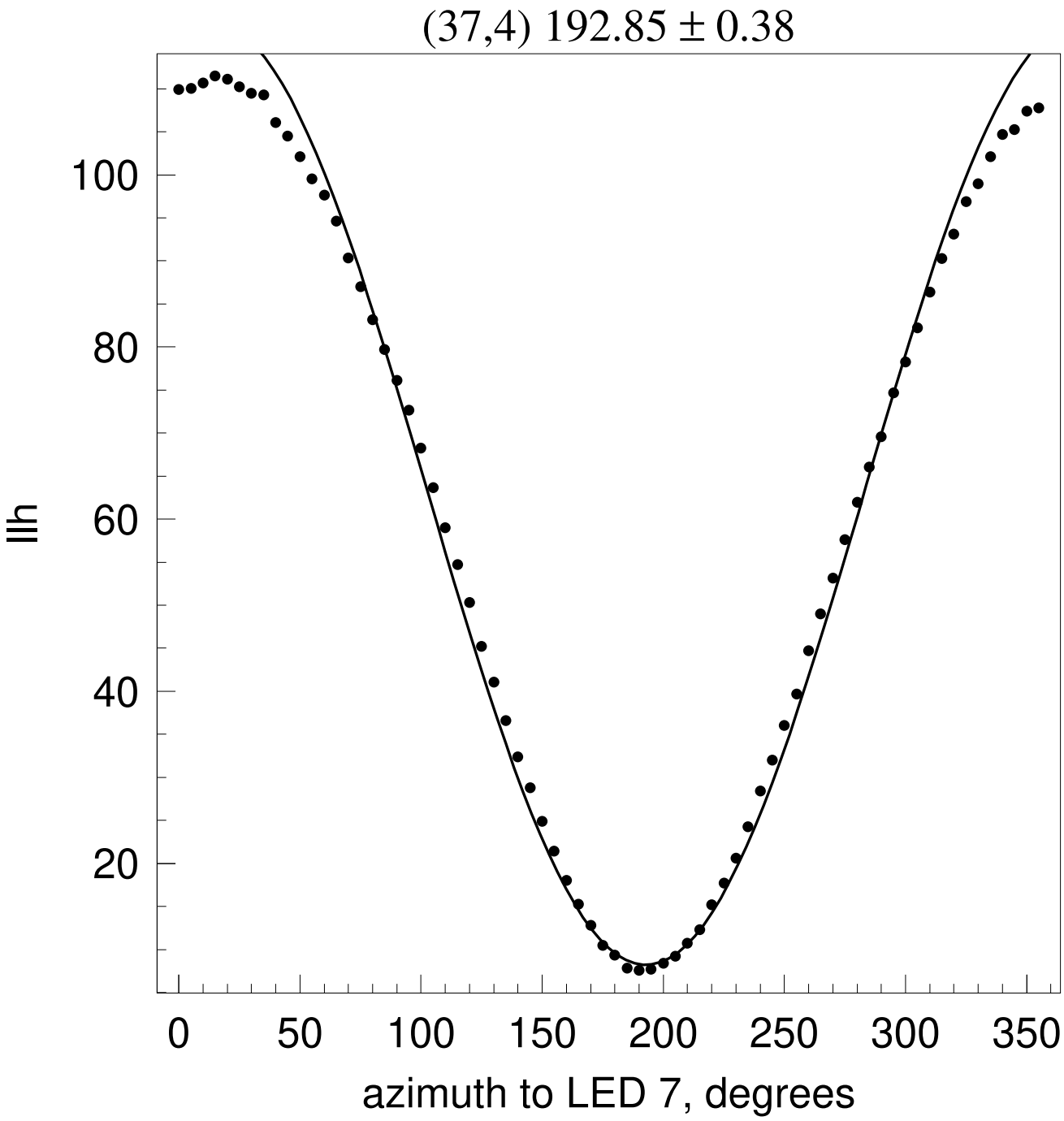

(36,59) 122.23 ± 0.61
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

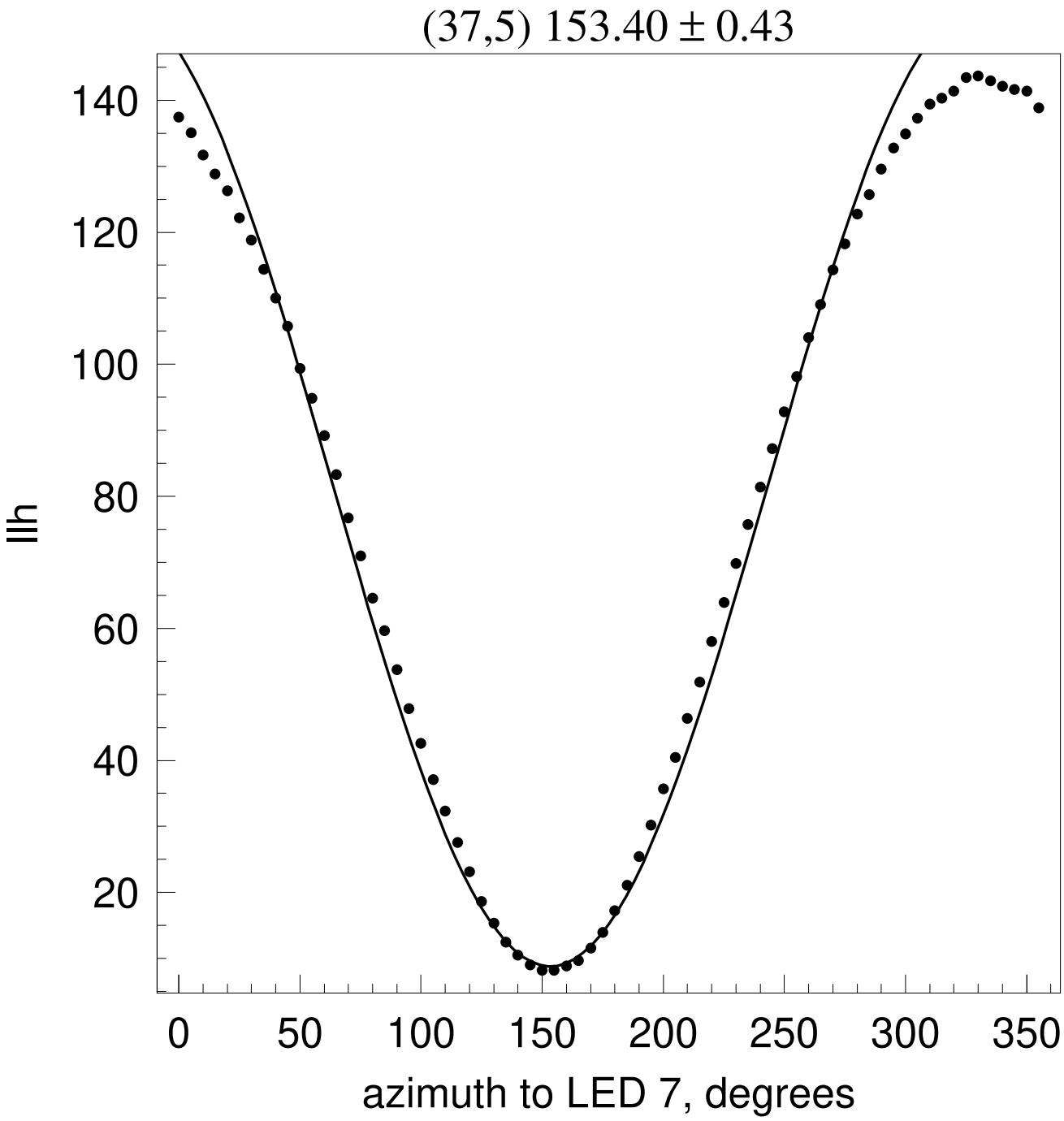

(36,60) 286.50 ± 0.57
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

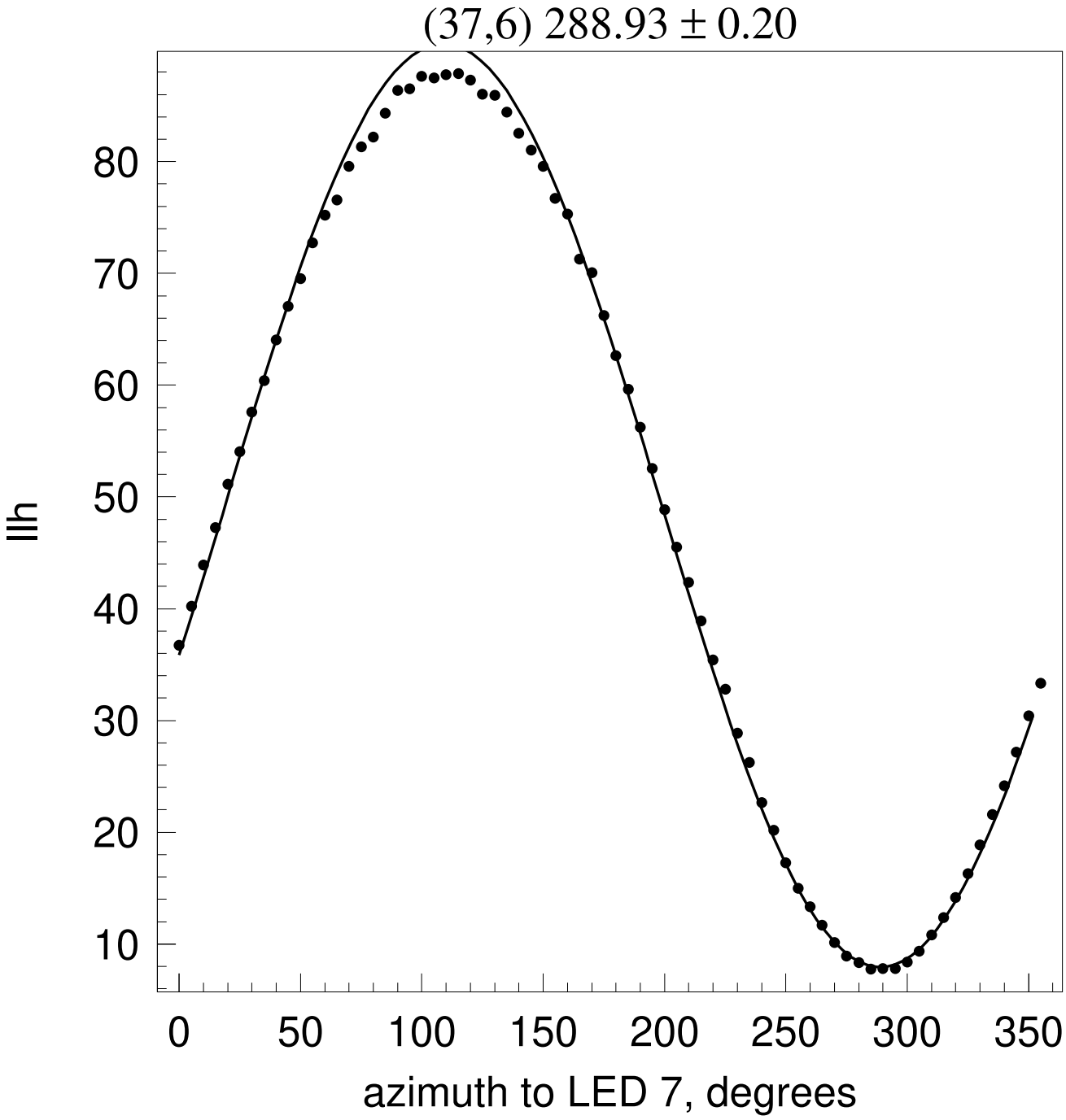

(37,1) 341.07 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

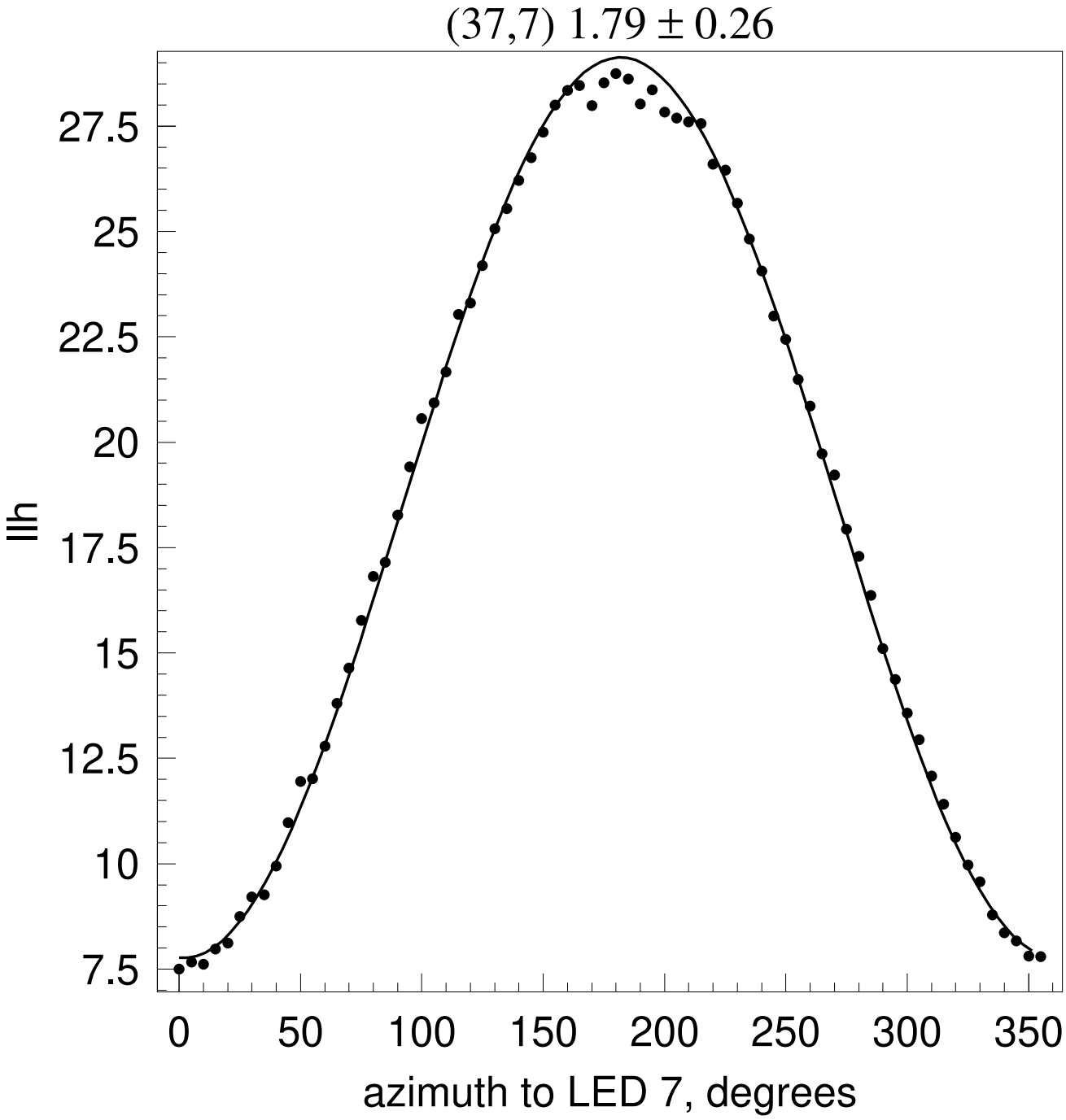

(37,2) 233.43 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

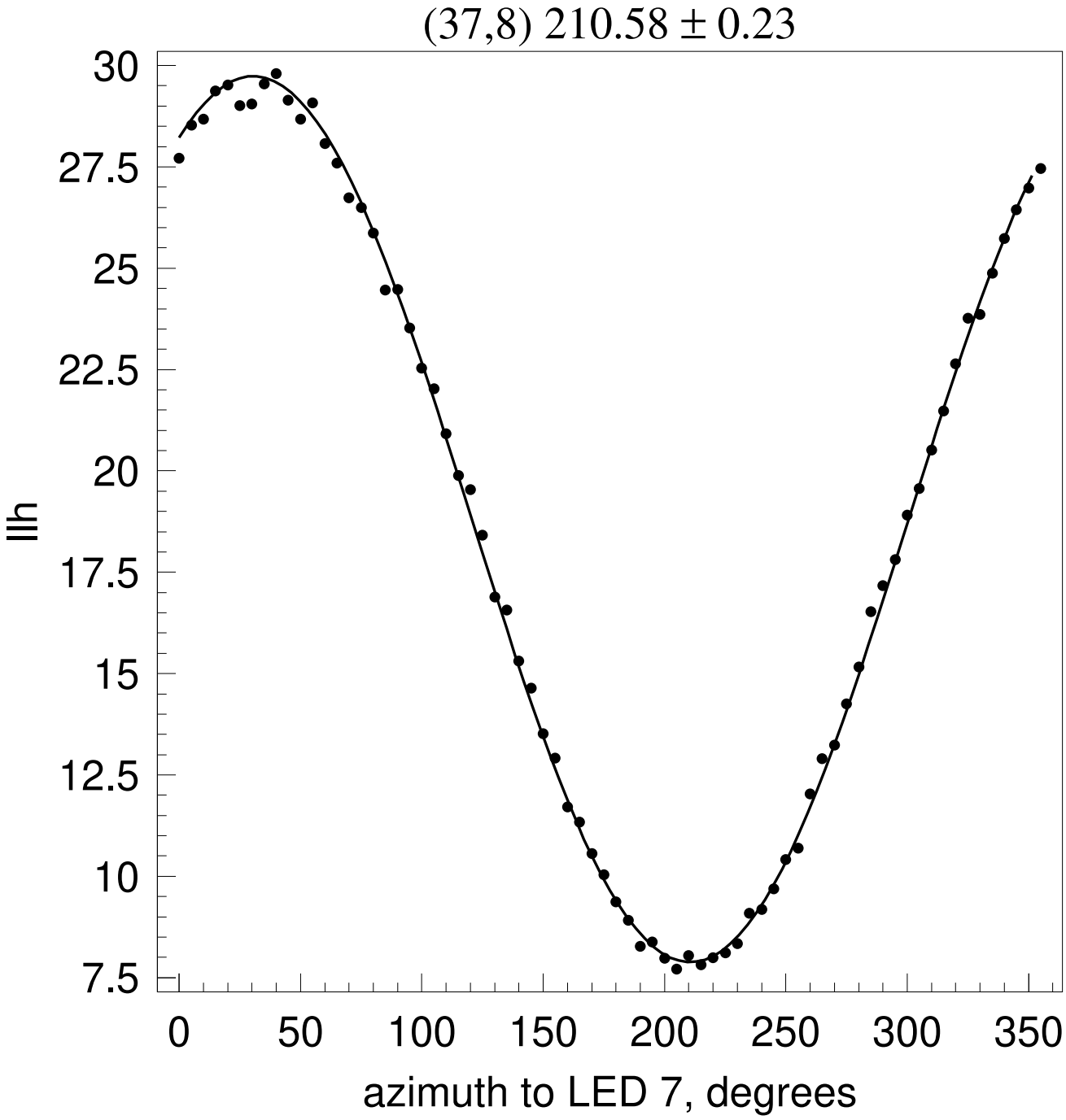

(37,3) 329.13 ± 0.19
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

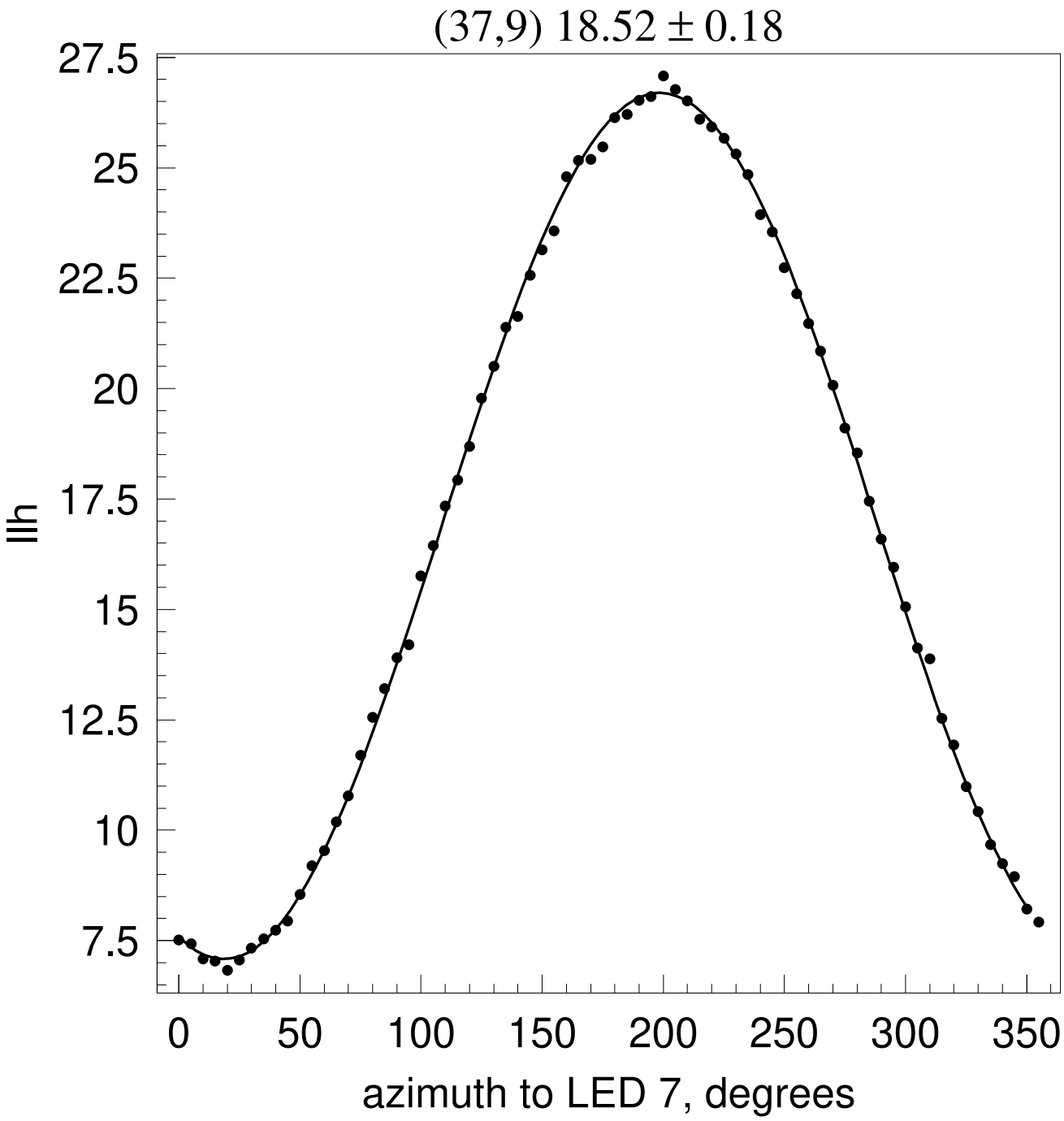

(37,4) 192.85 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

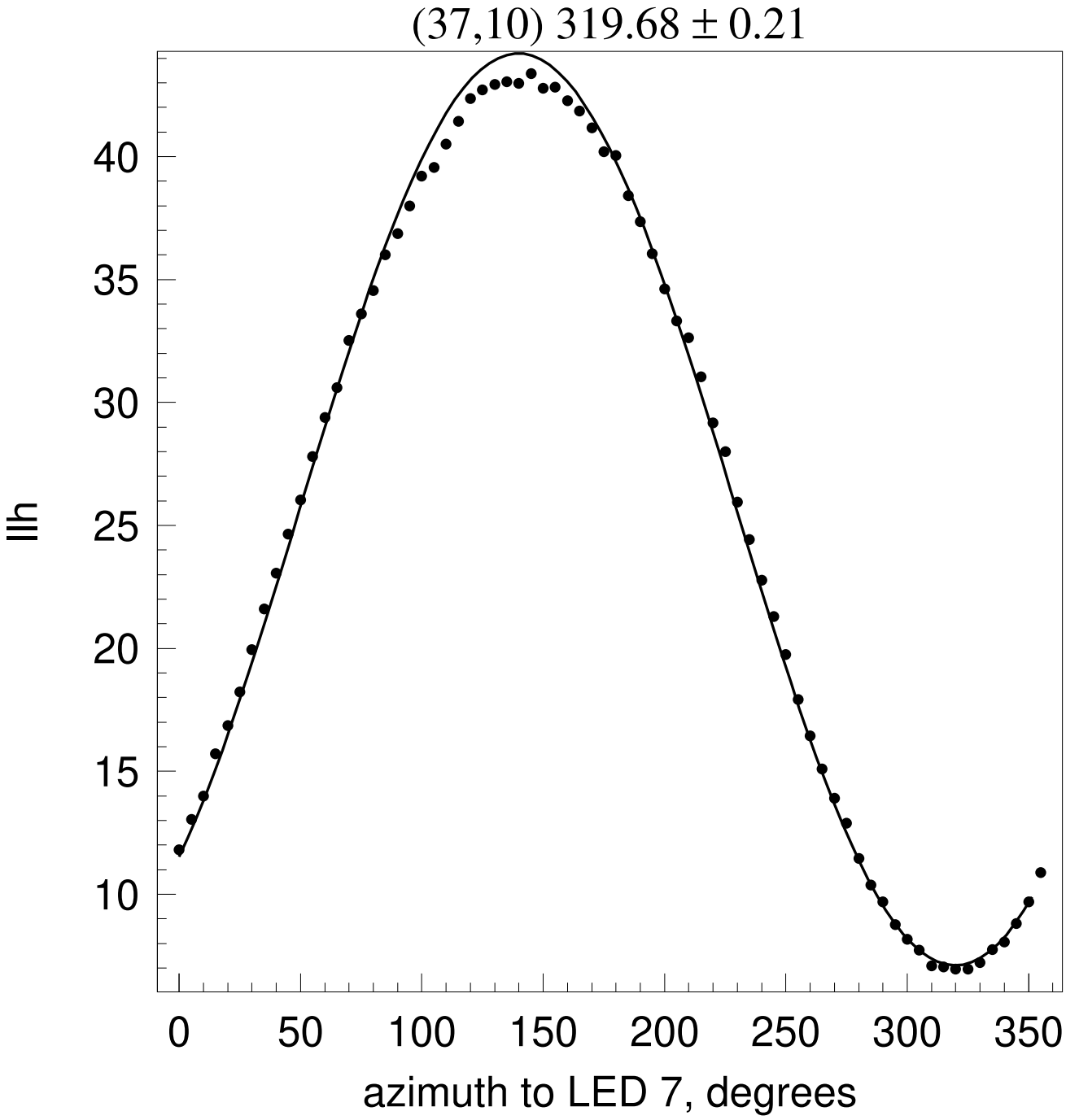

(37,5) 153.40 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

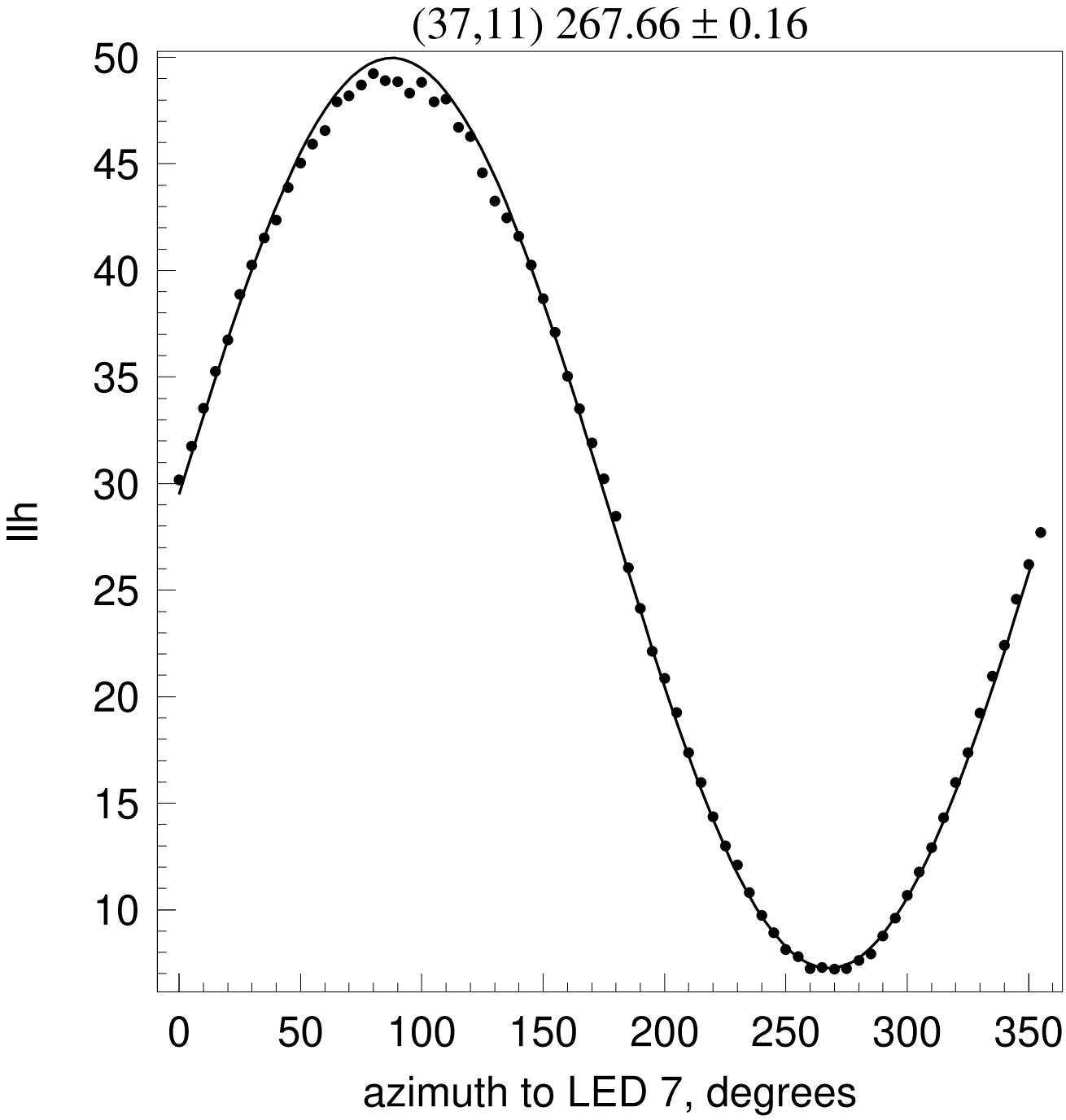

(37,6) 288.93 ± 0.20
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

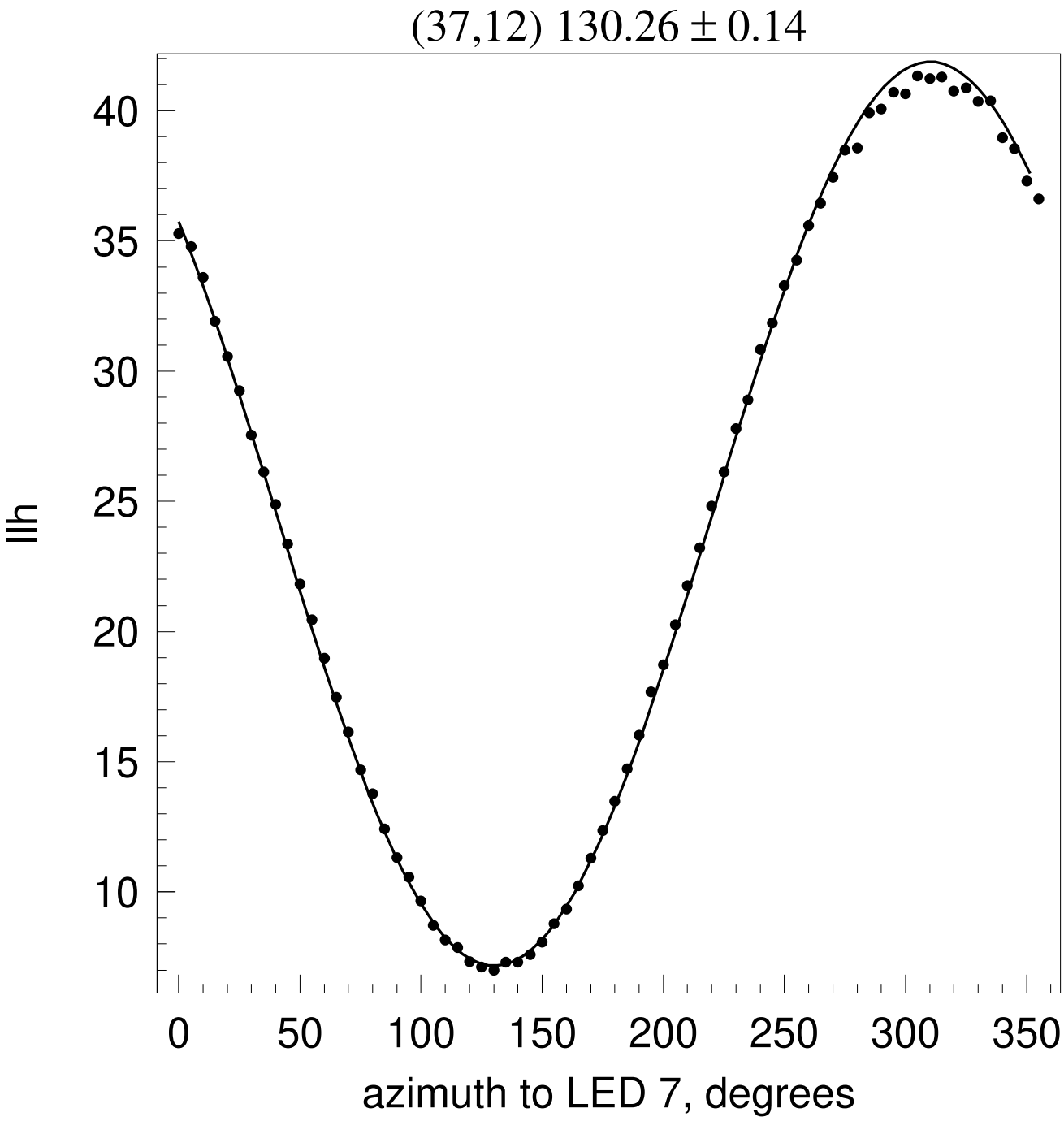

(37,7) 1.79 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

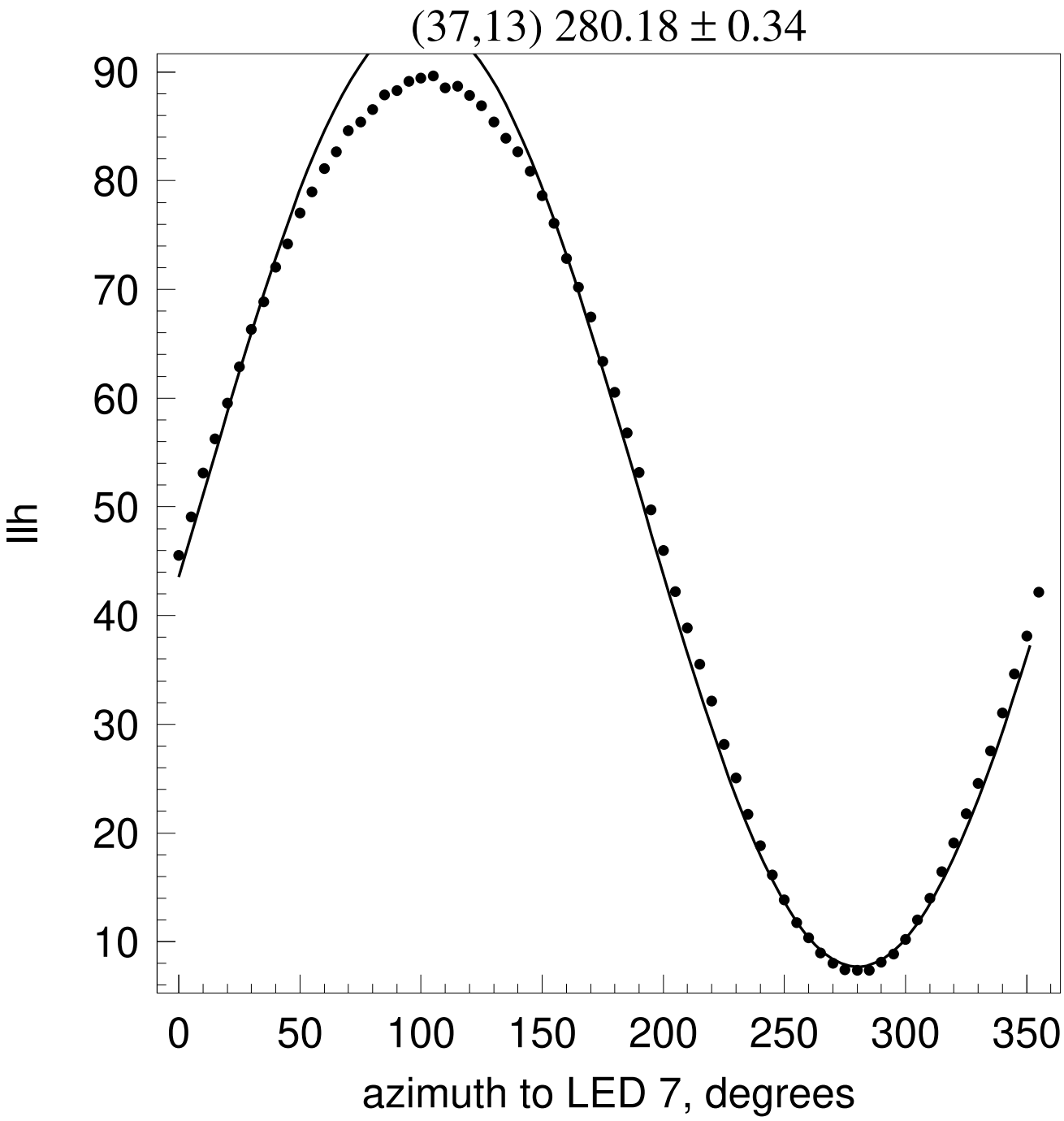

(37,8) 210.58 ± 0.23
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

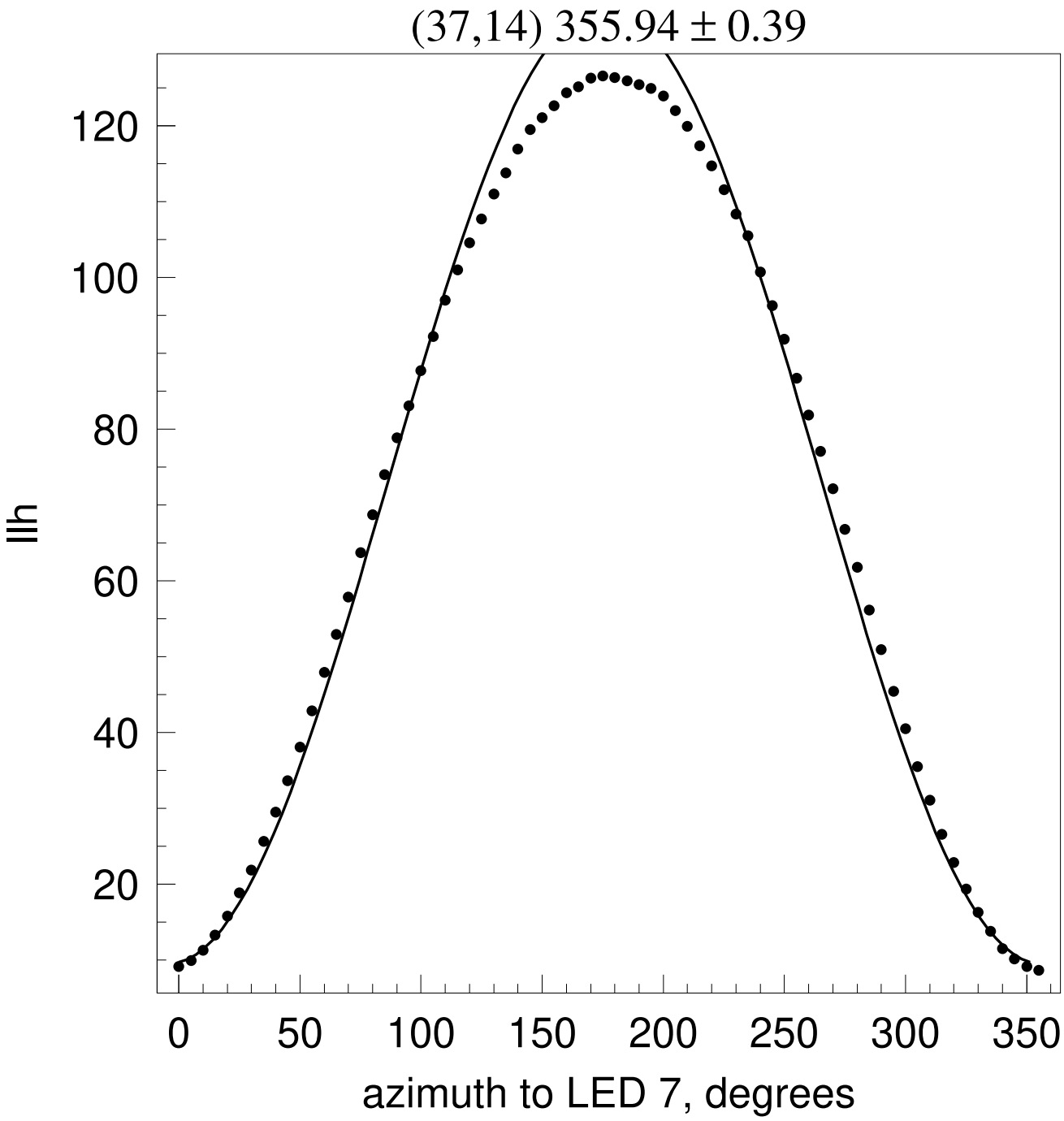

(37,9) 18.52 ± 0.18
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

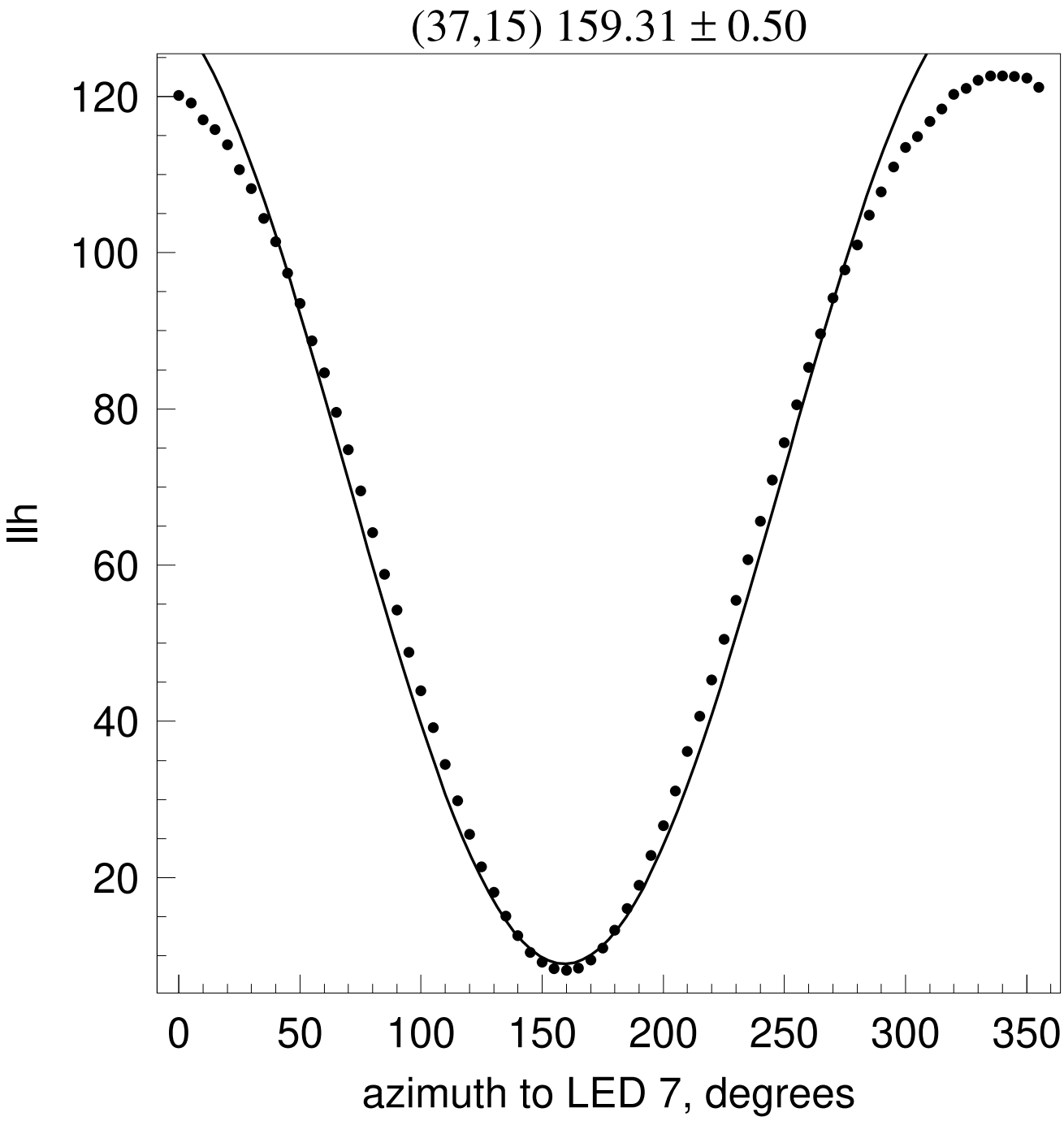

(37,10) 319.68 ± 0.21
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

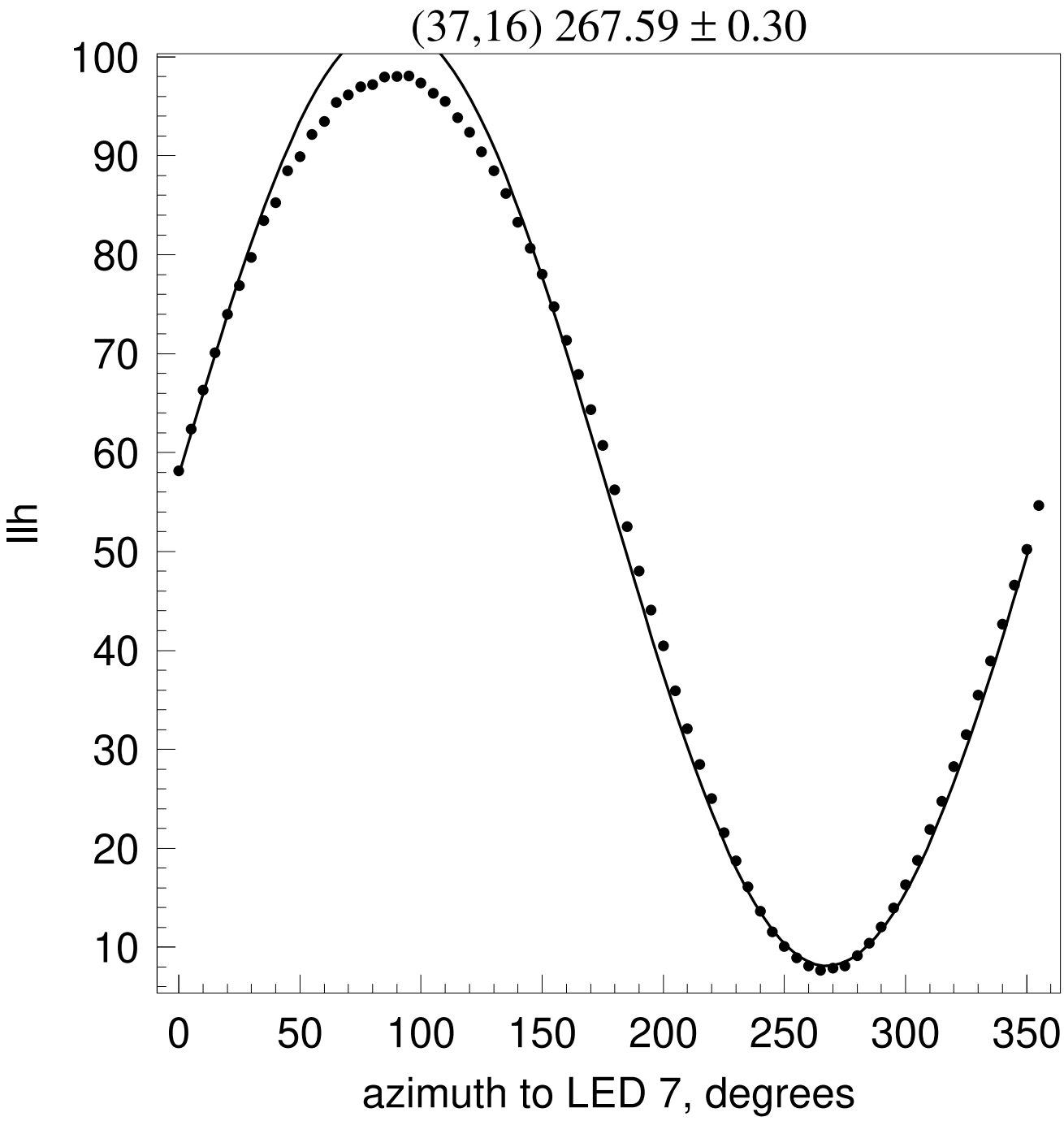

(37,11) 267.66 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

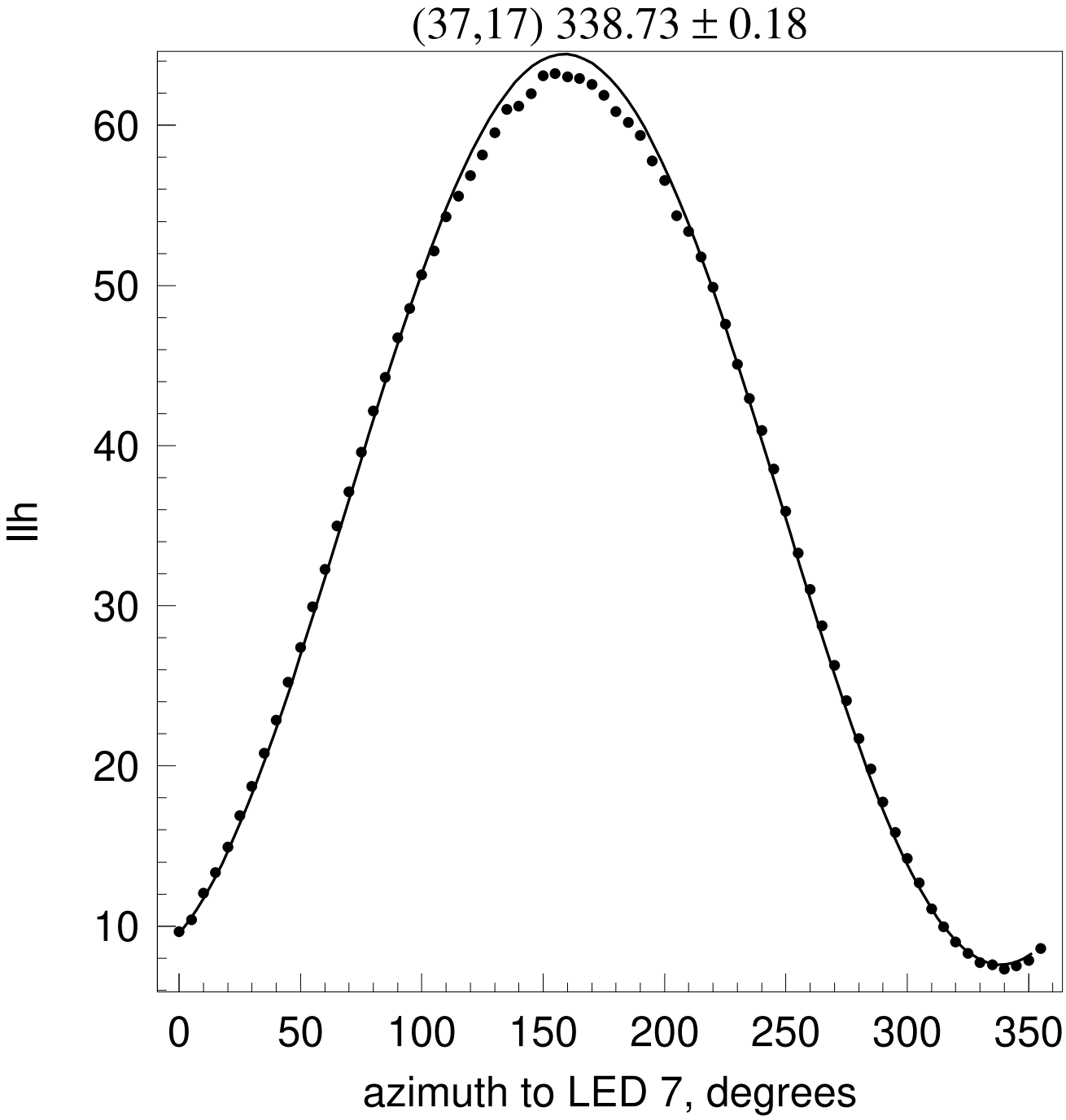

(37,12) 130.26 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

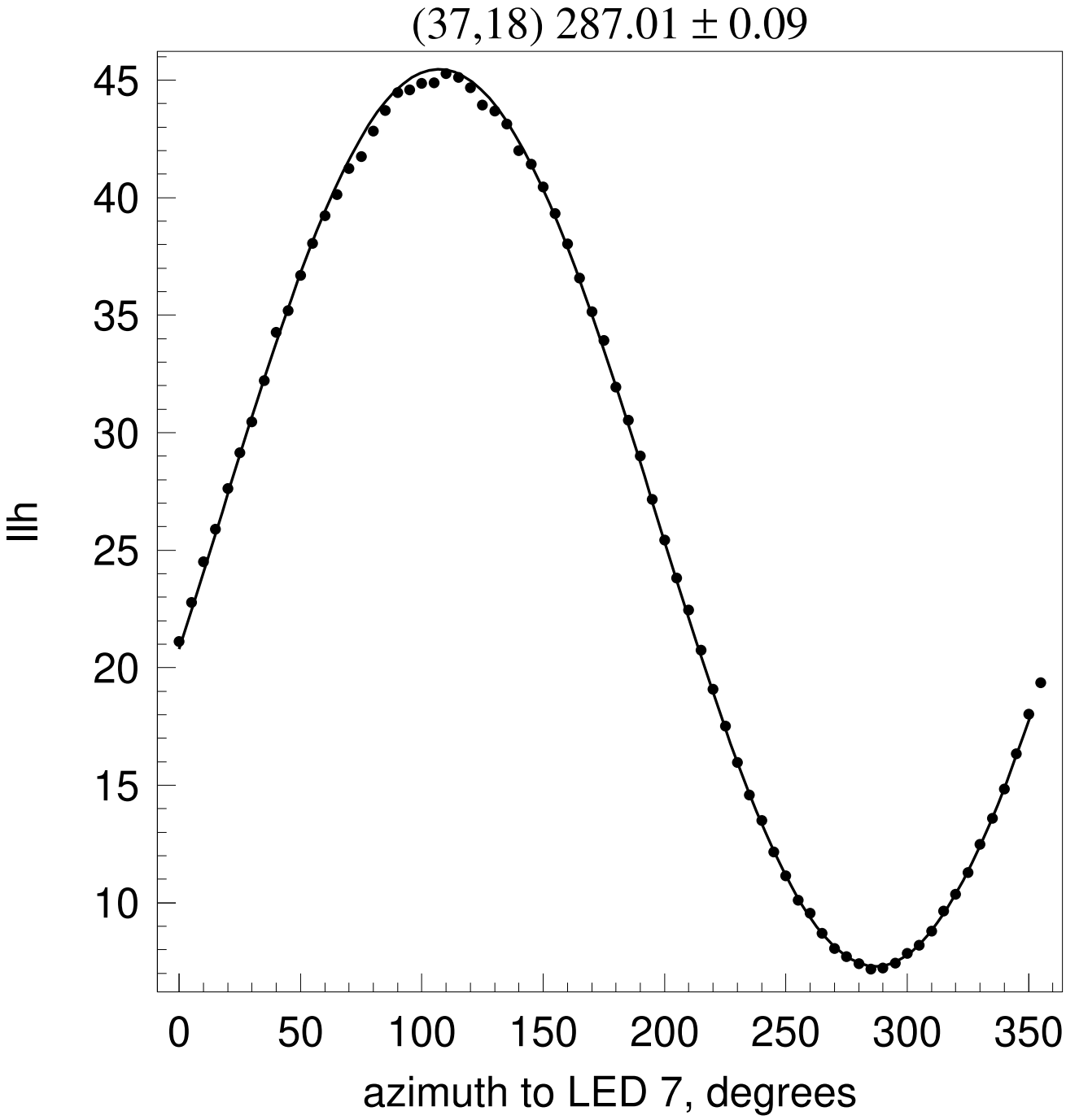

(37,13) 280.18 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

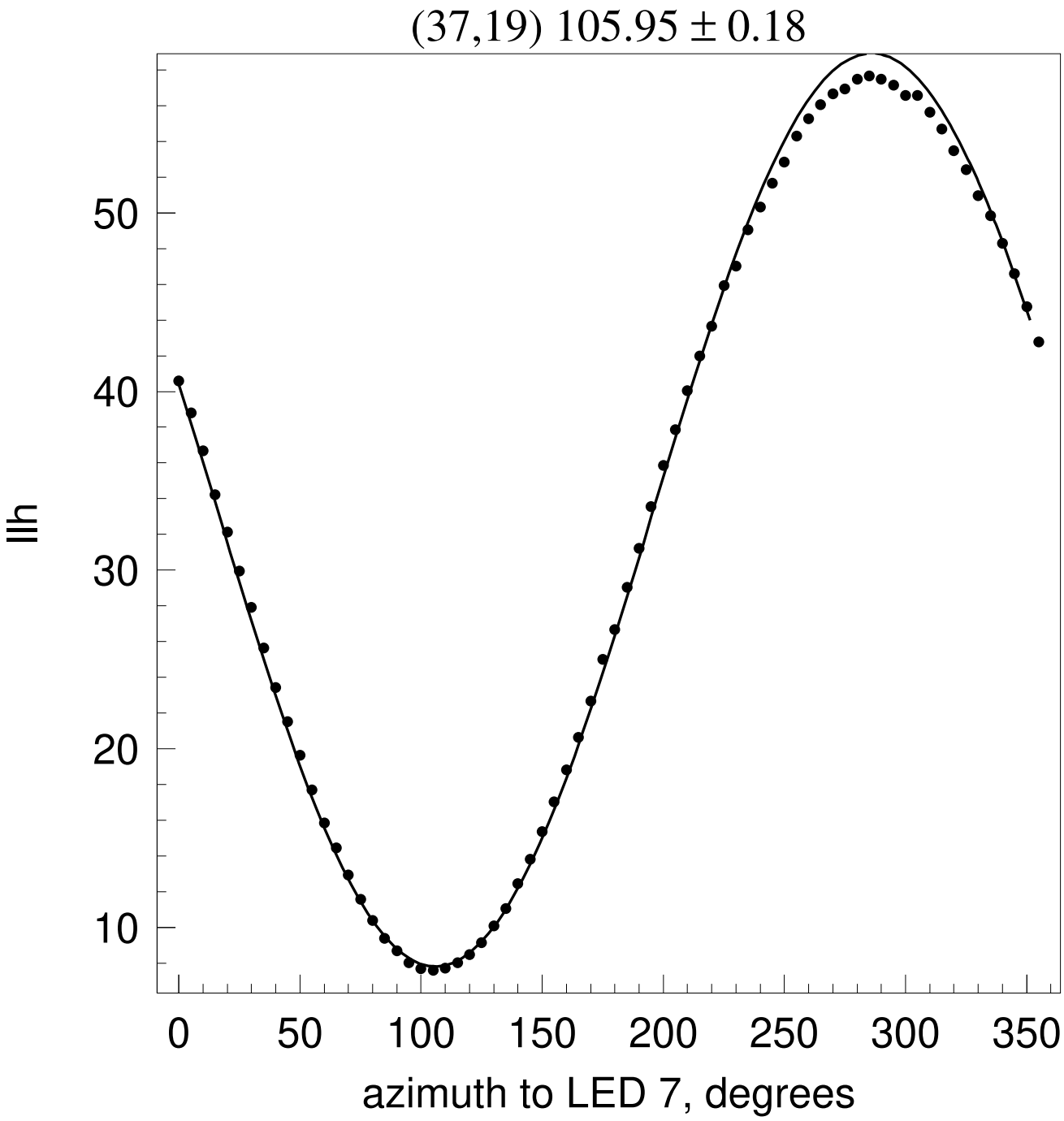

(37,14) 355.94 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

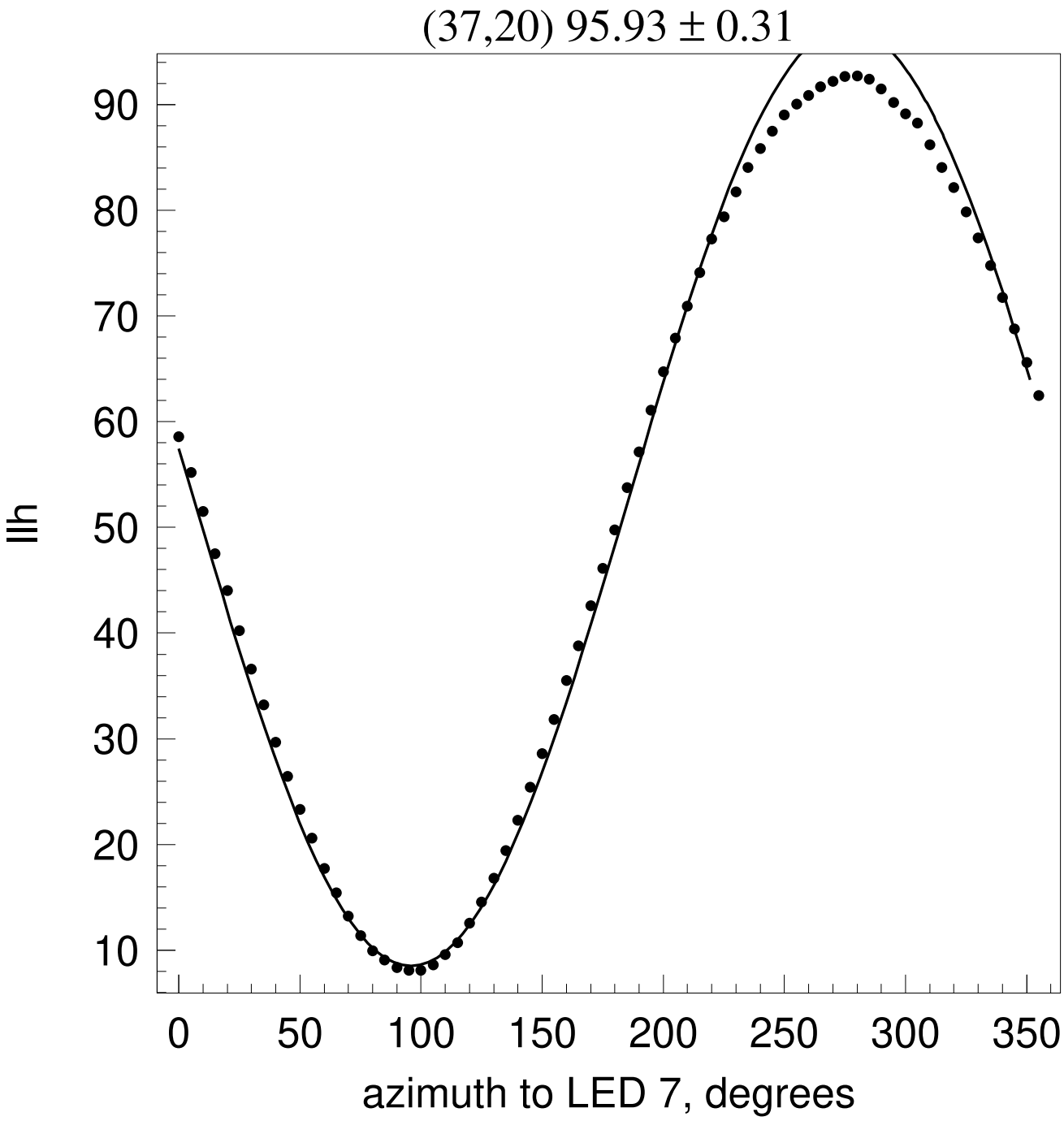

(37,15) 159.31 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

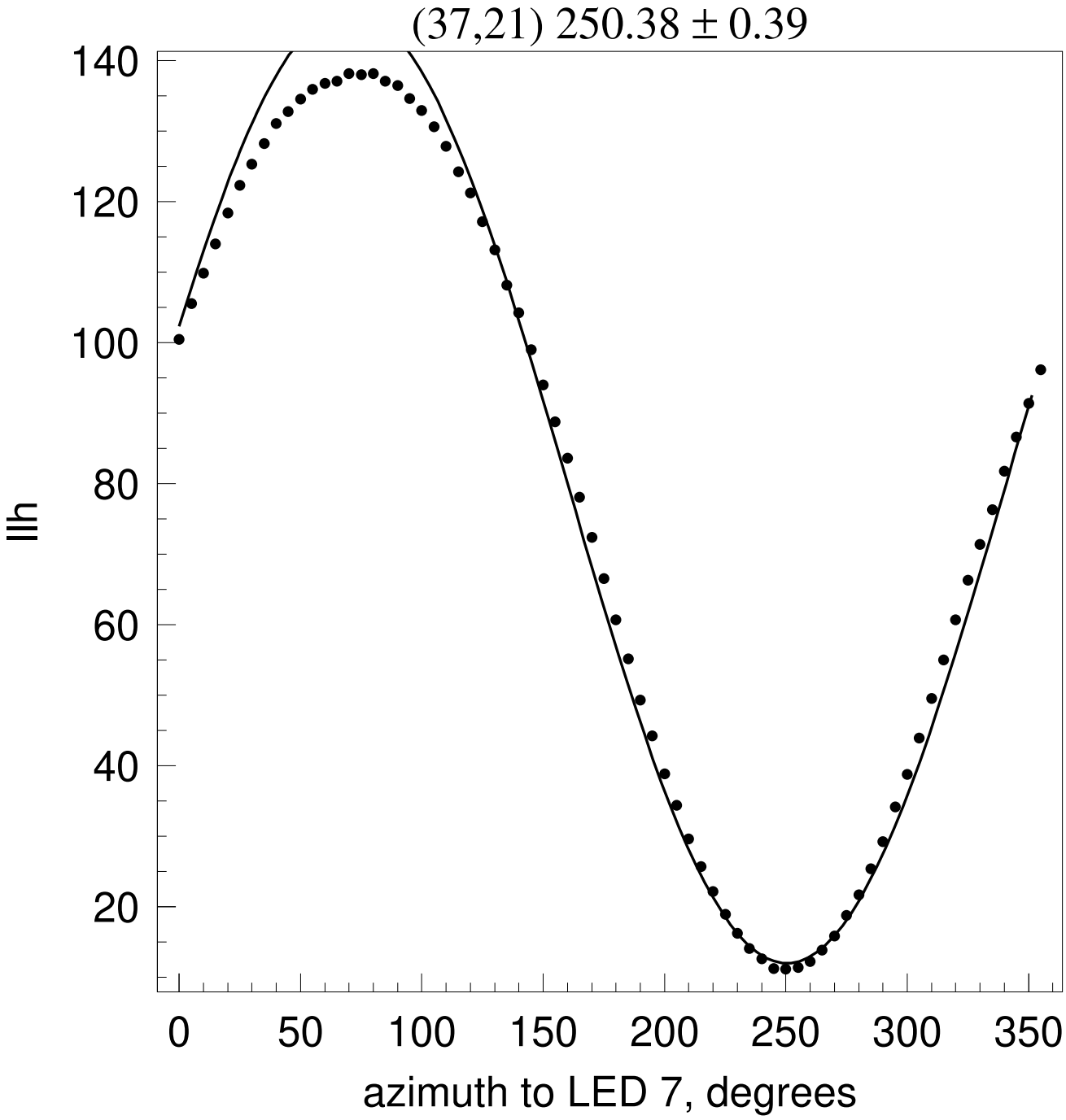

(37,16) 267.59 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

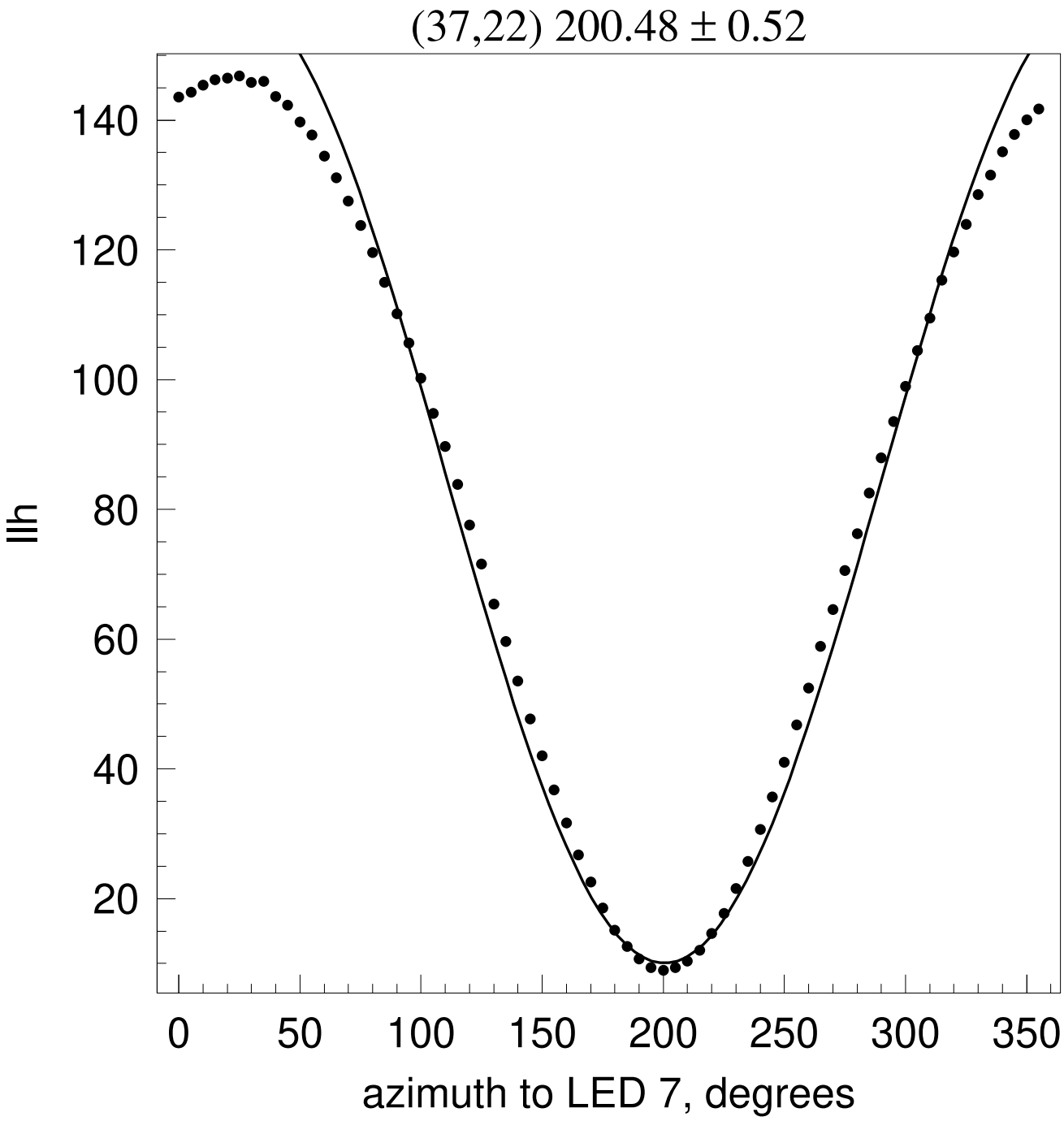

(37,17) 338.73 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

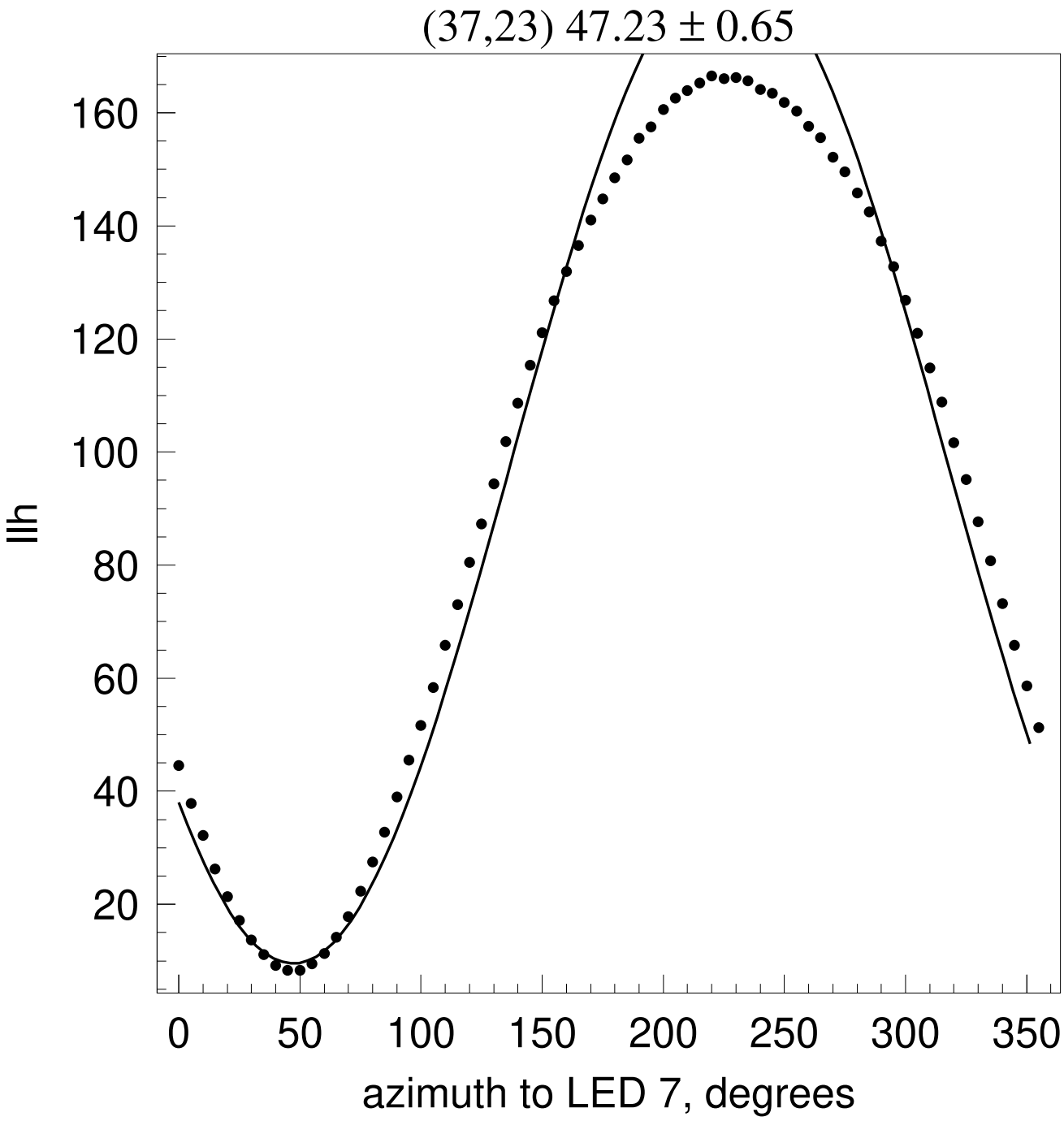

(37,18) 287.01 ± 0.09
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

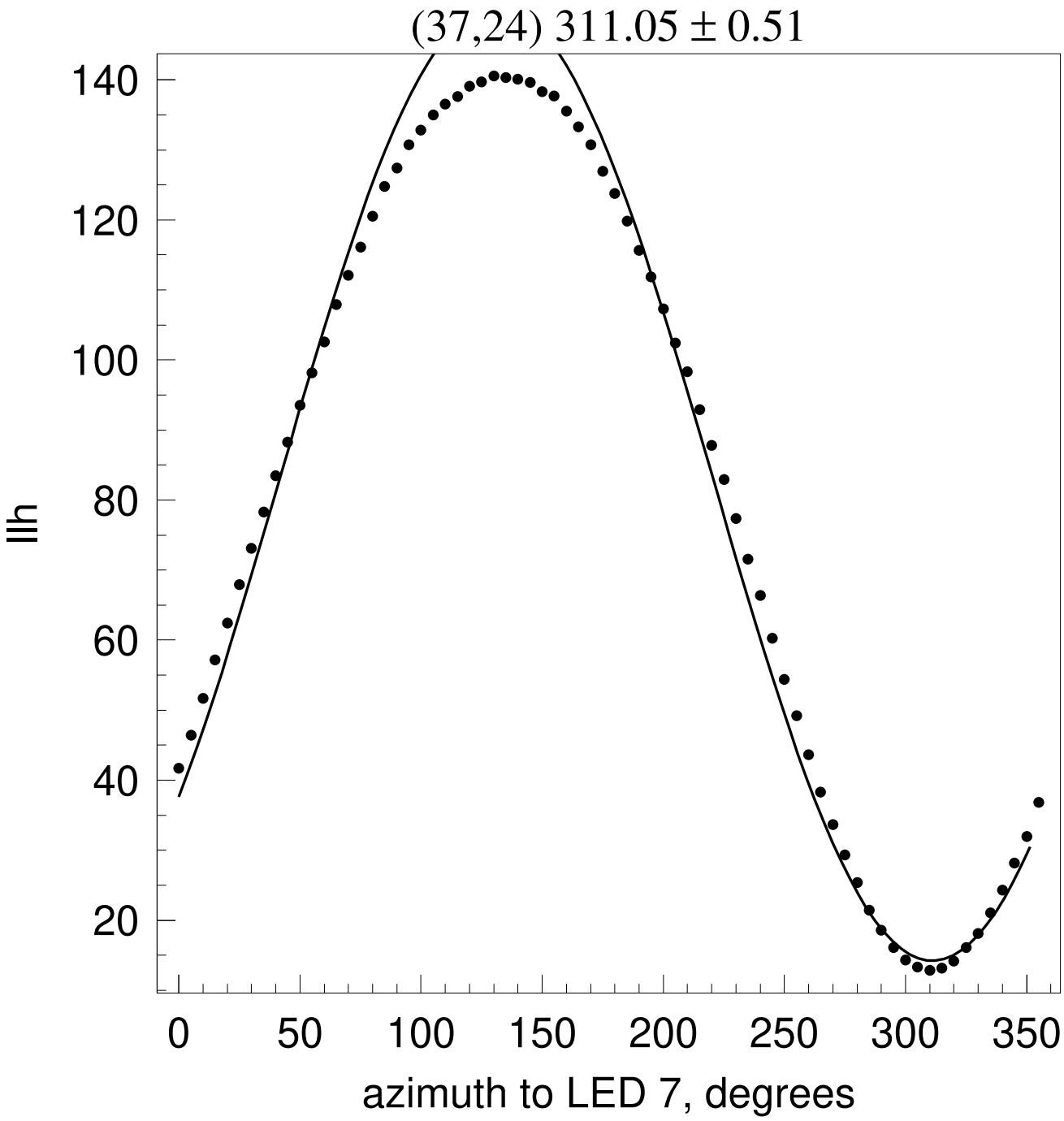

(37,19) 105.95 ± 0.18
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

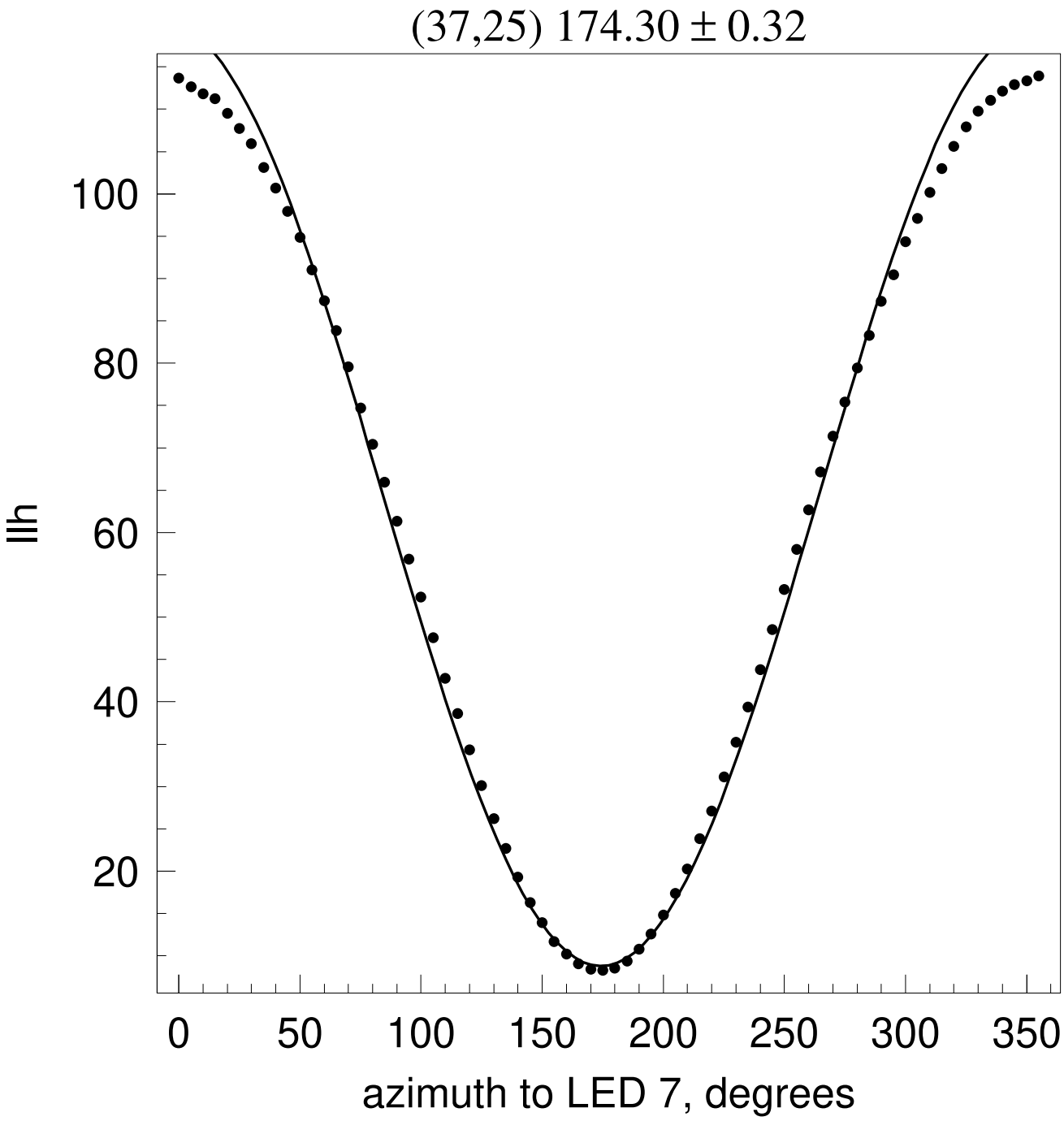

(37,20) 95.93 ± 0.31
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

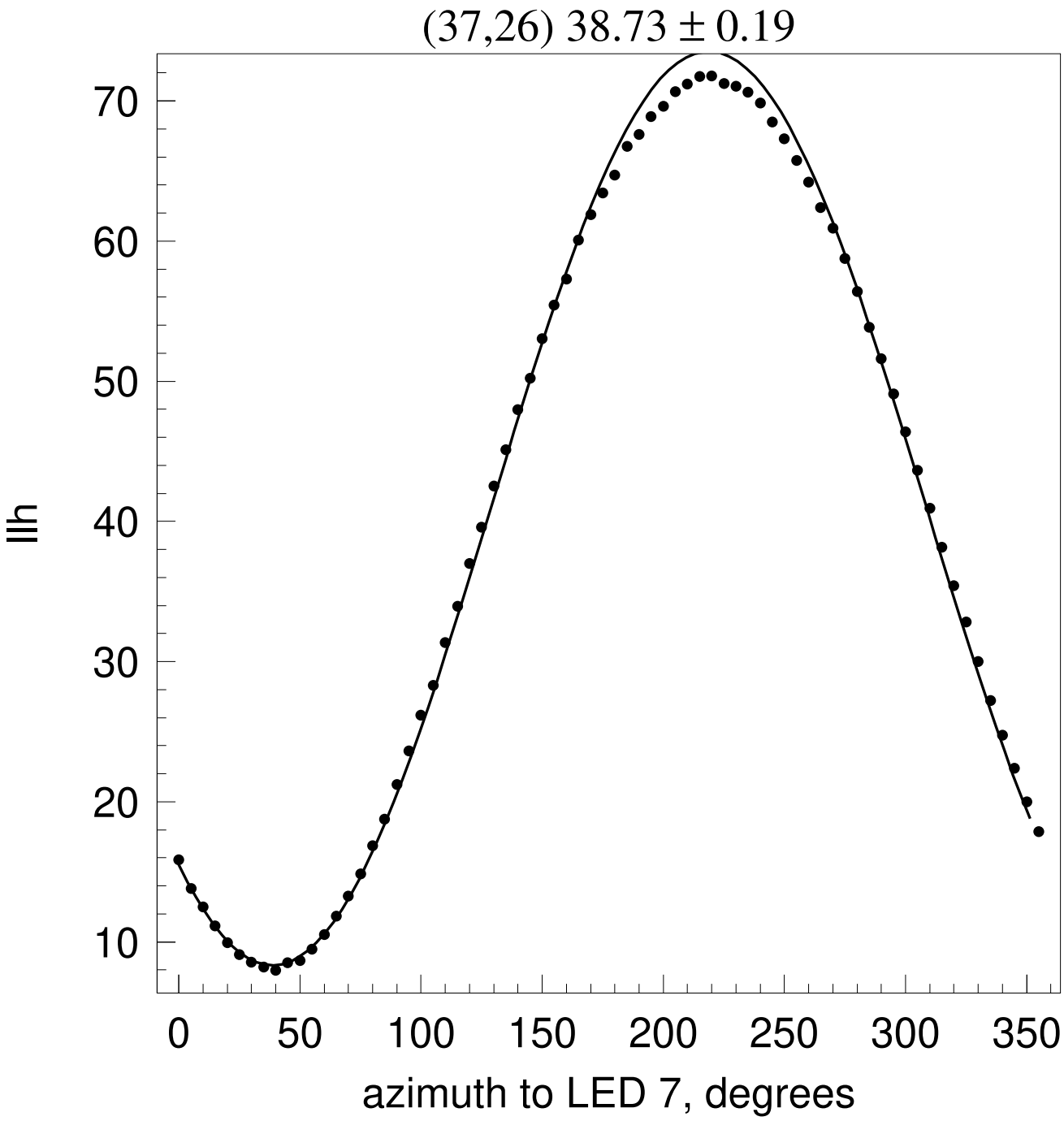

(37,21) 250.38 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

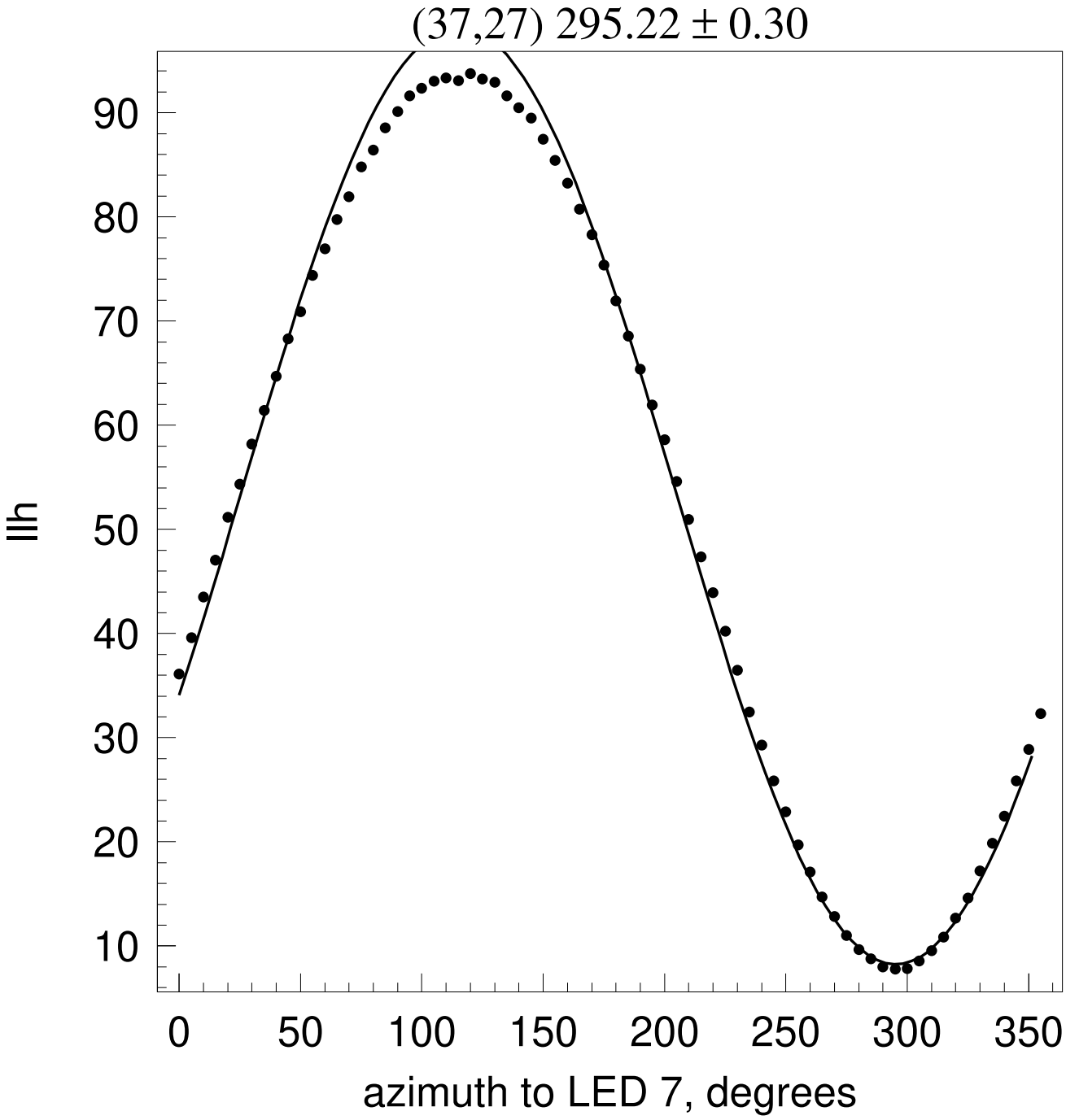

(37,22) 200.48 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

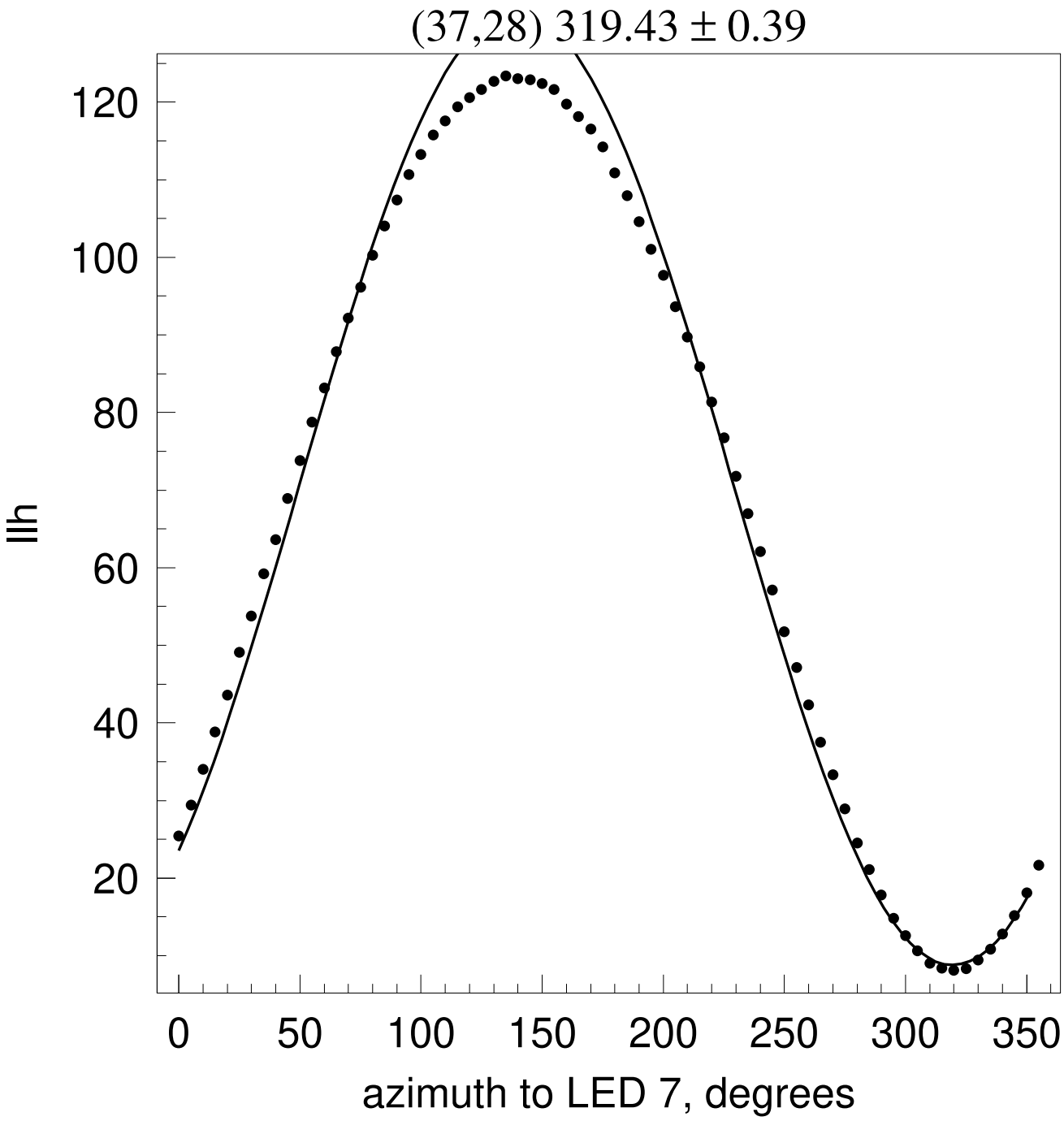

(37,23) 47.23 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

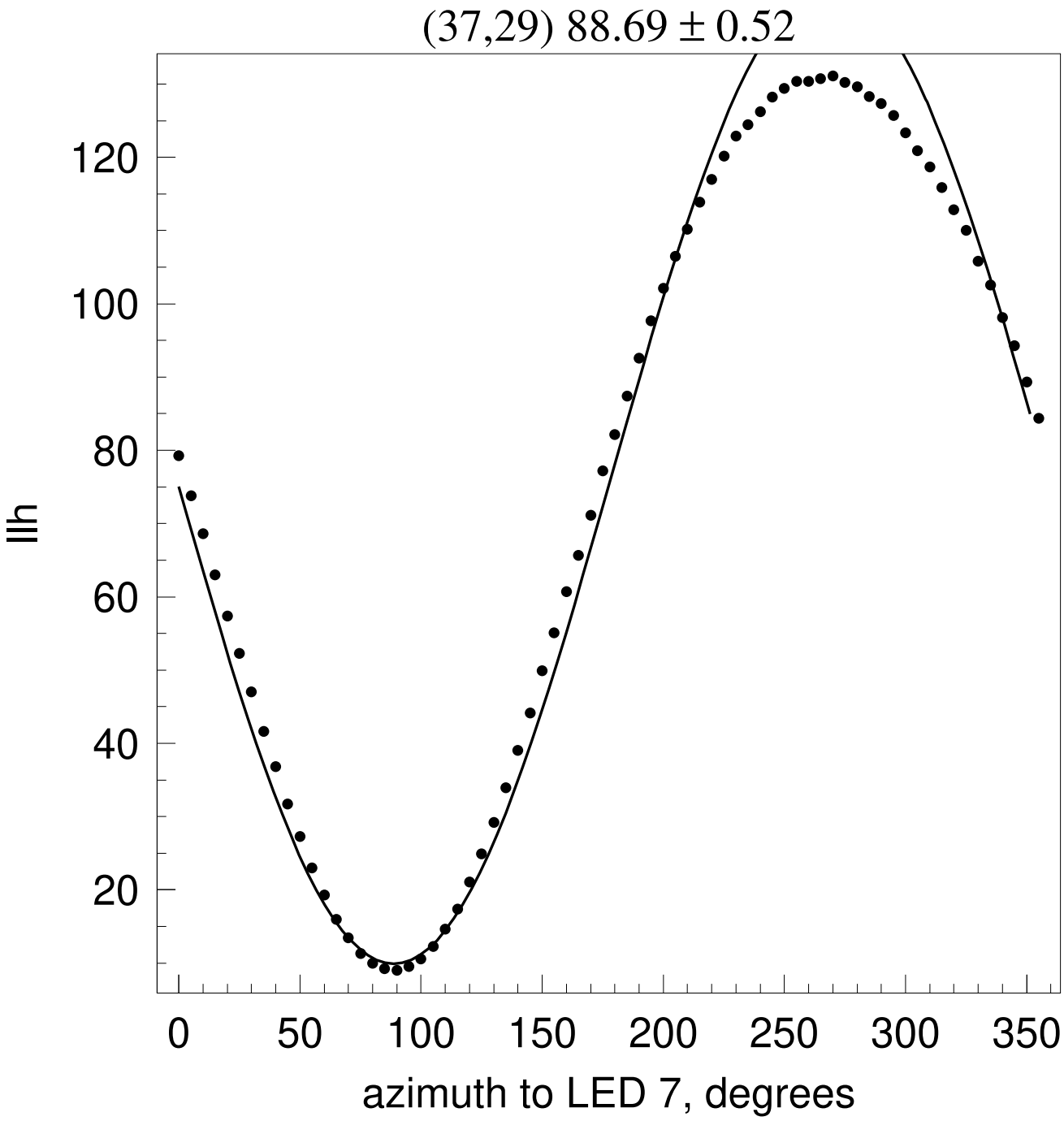

(37,24) 311.05 ± 0.51
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

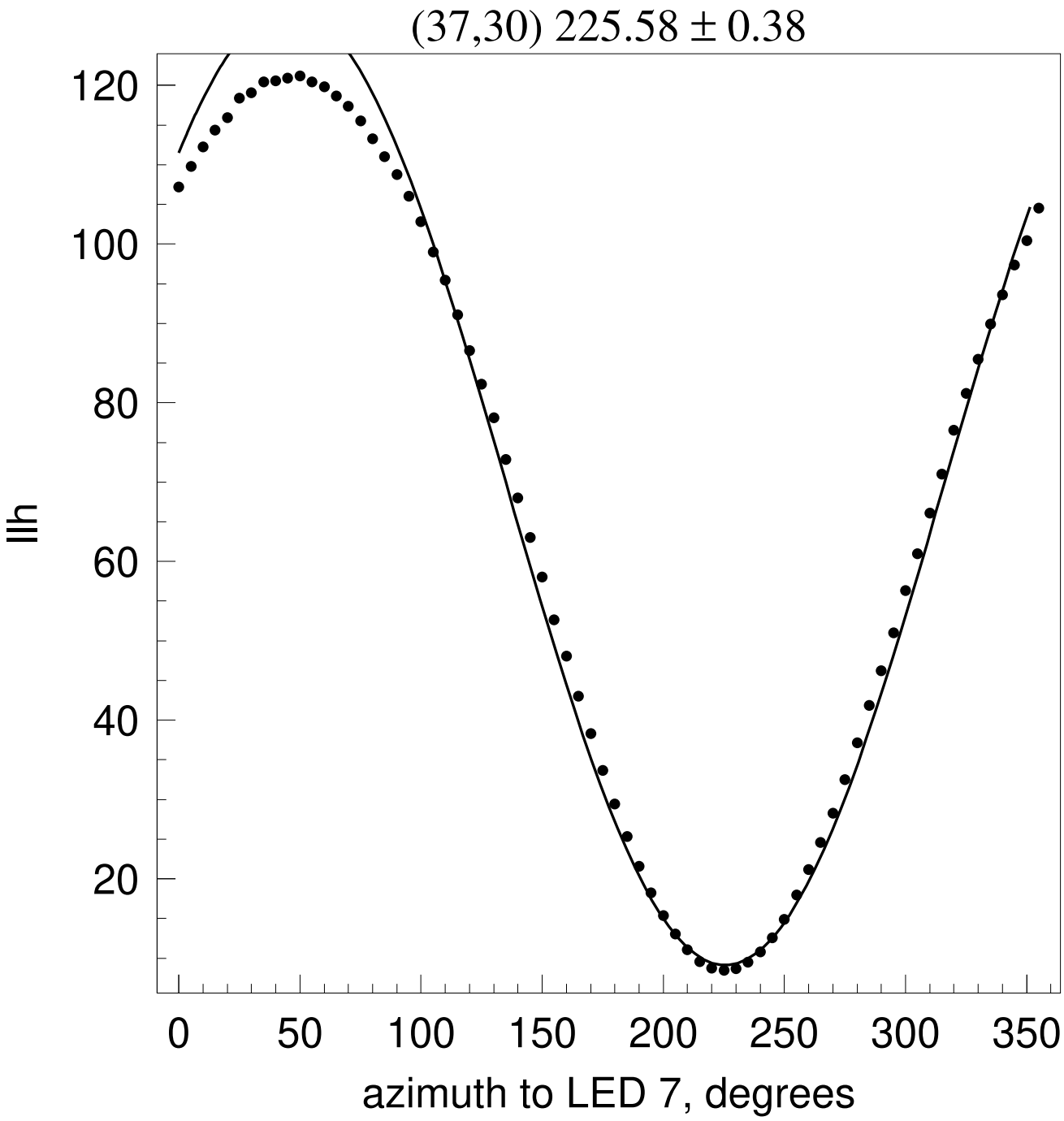

(37,25) 174.30 ± 0.32
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

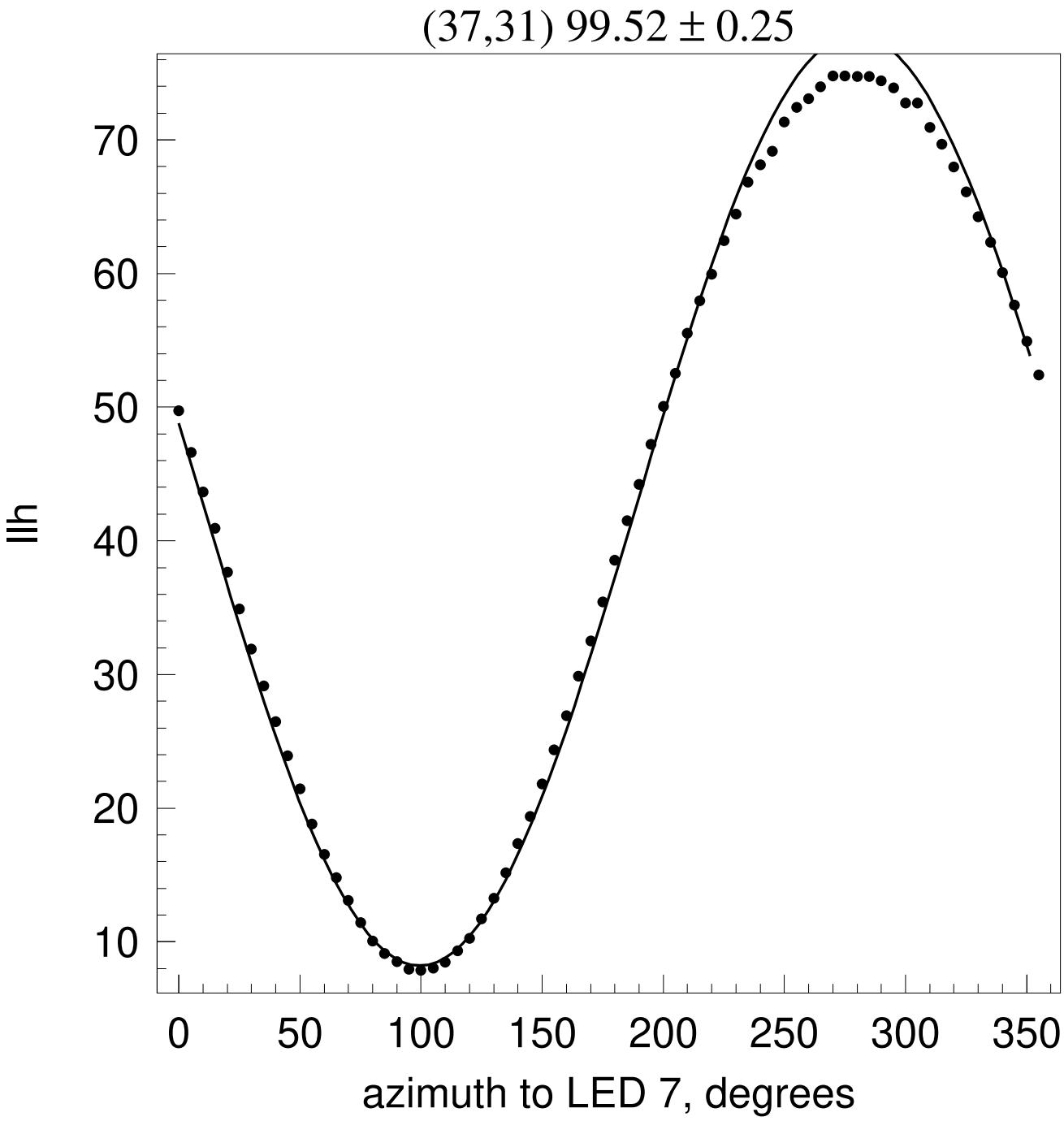

(37,26) 38.73 ± 0.19
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

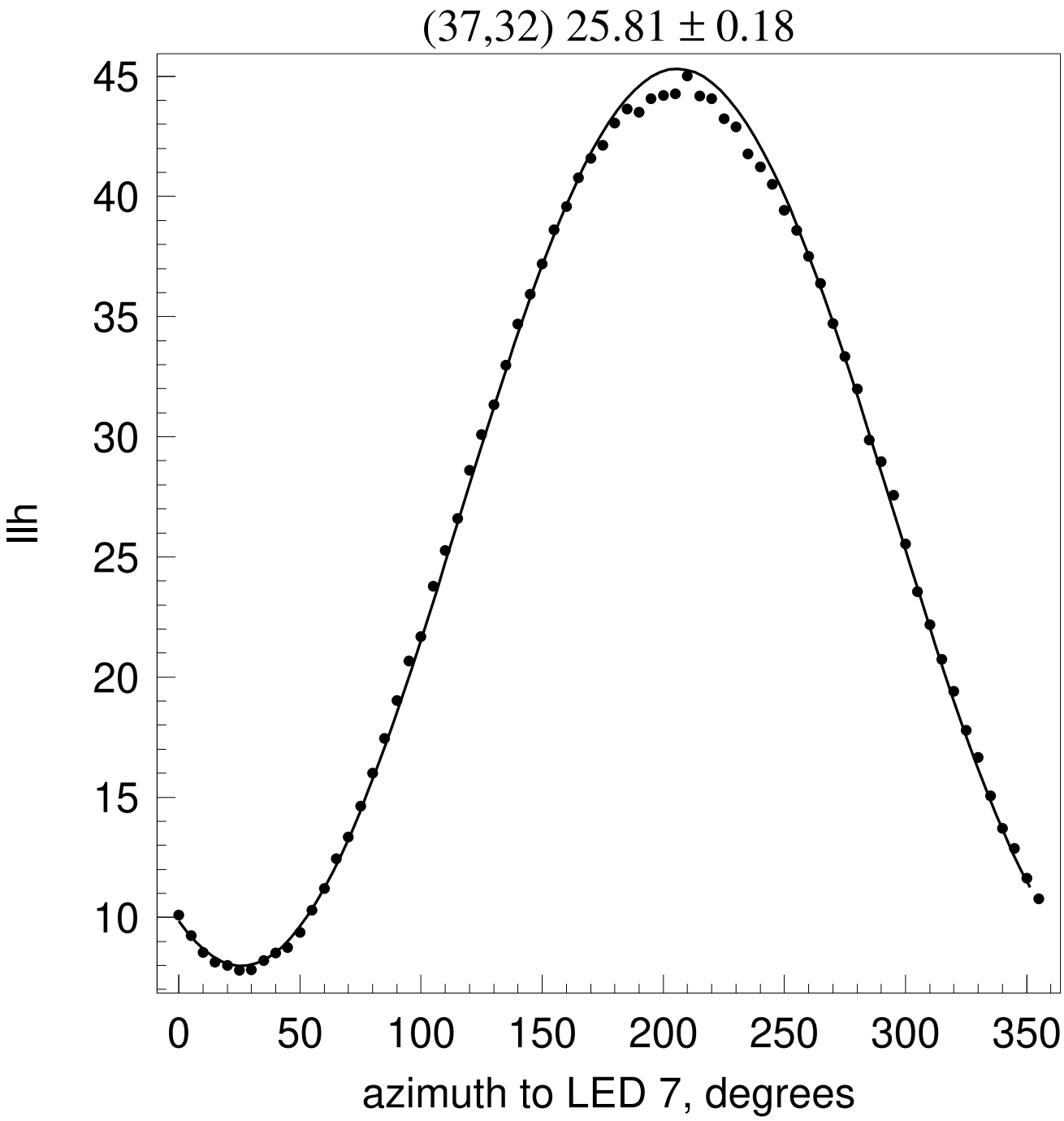

(37,27) 295.22 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

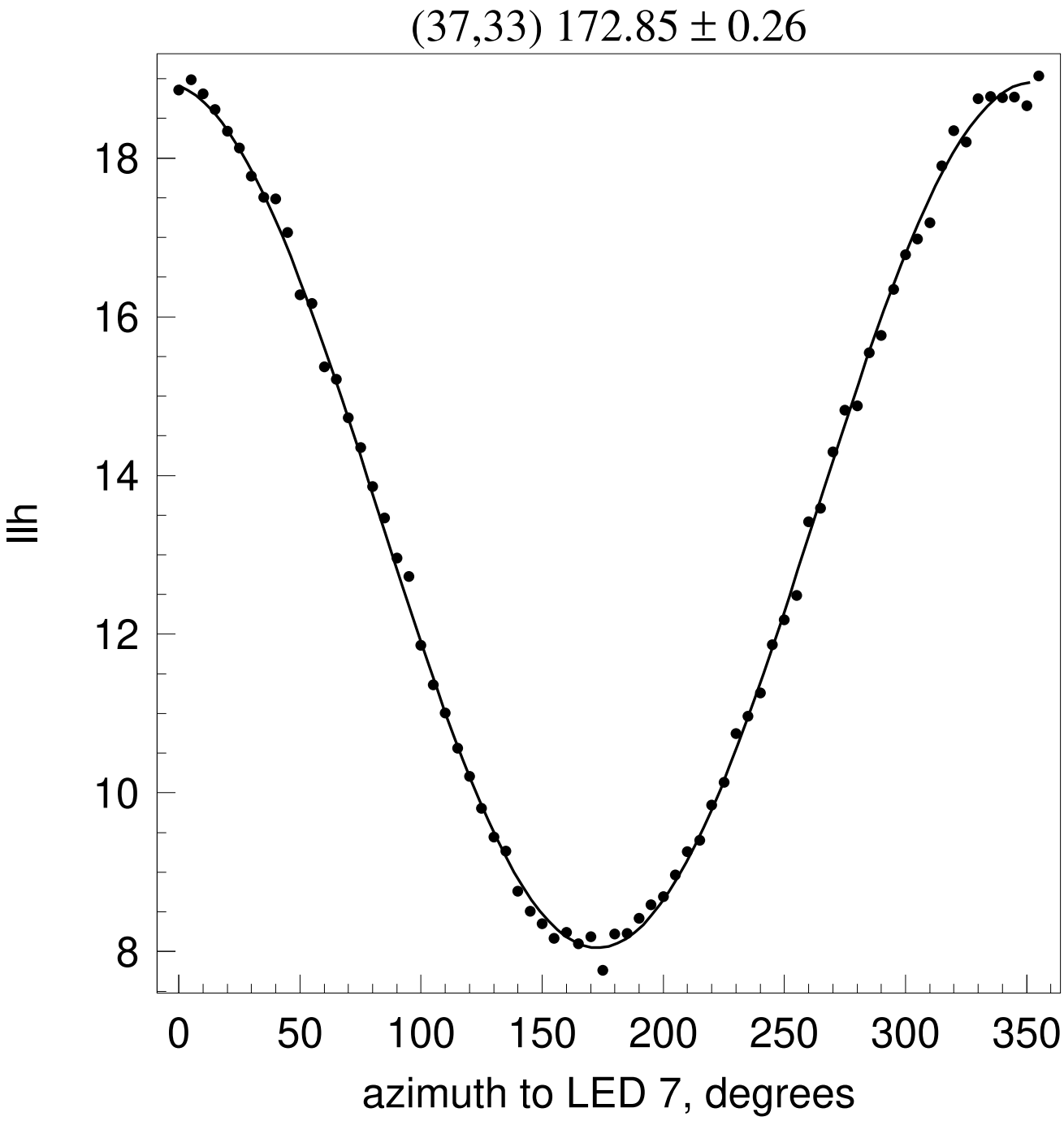

(37,28) 319.43 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

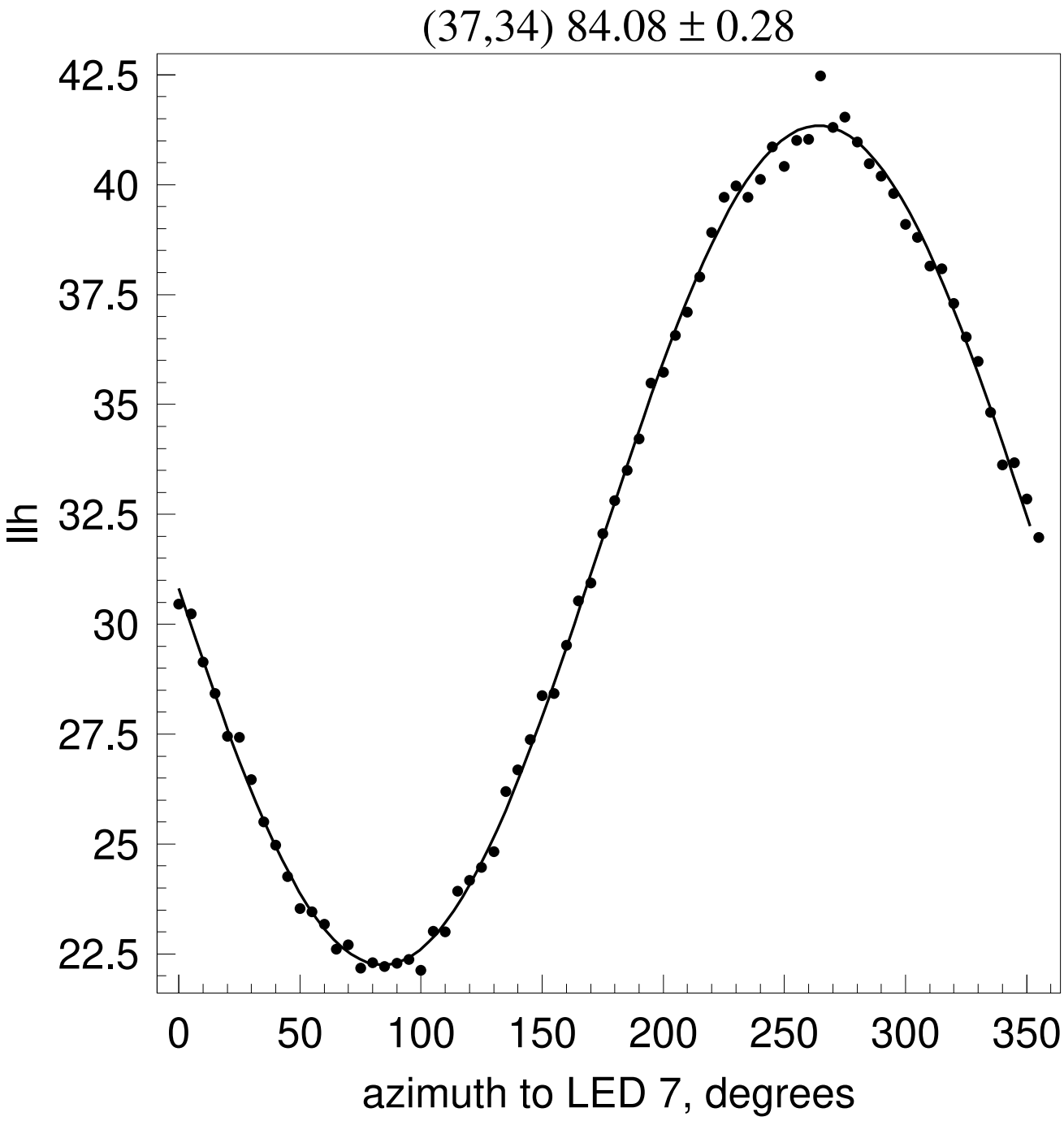

(37,29) 88.69 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

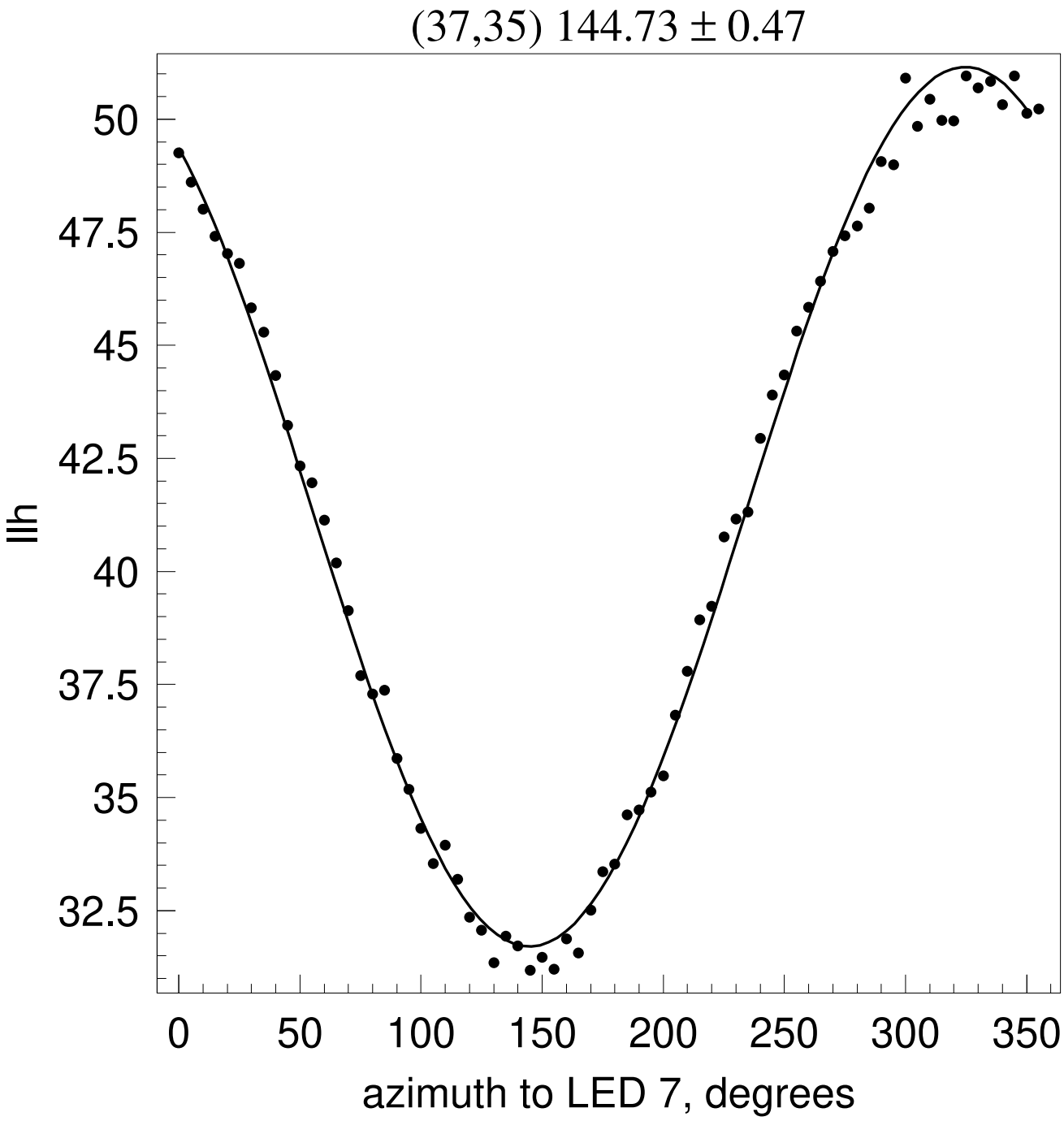

(37,30) 225.58 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

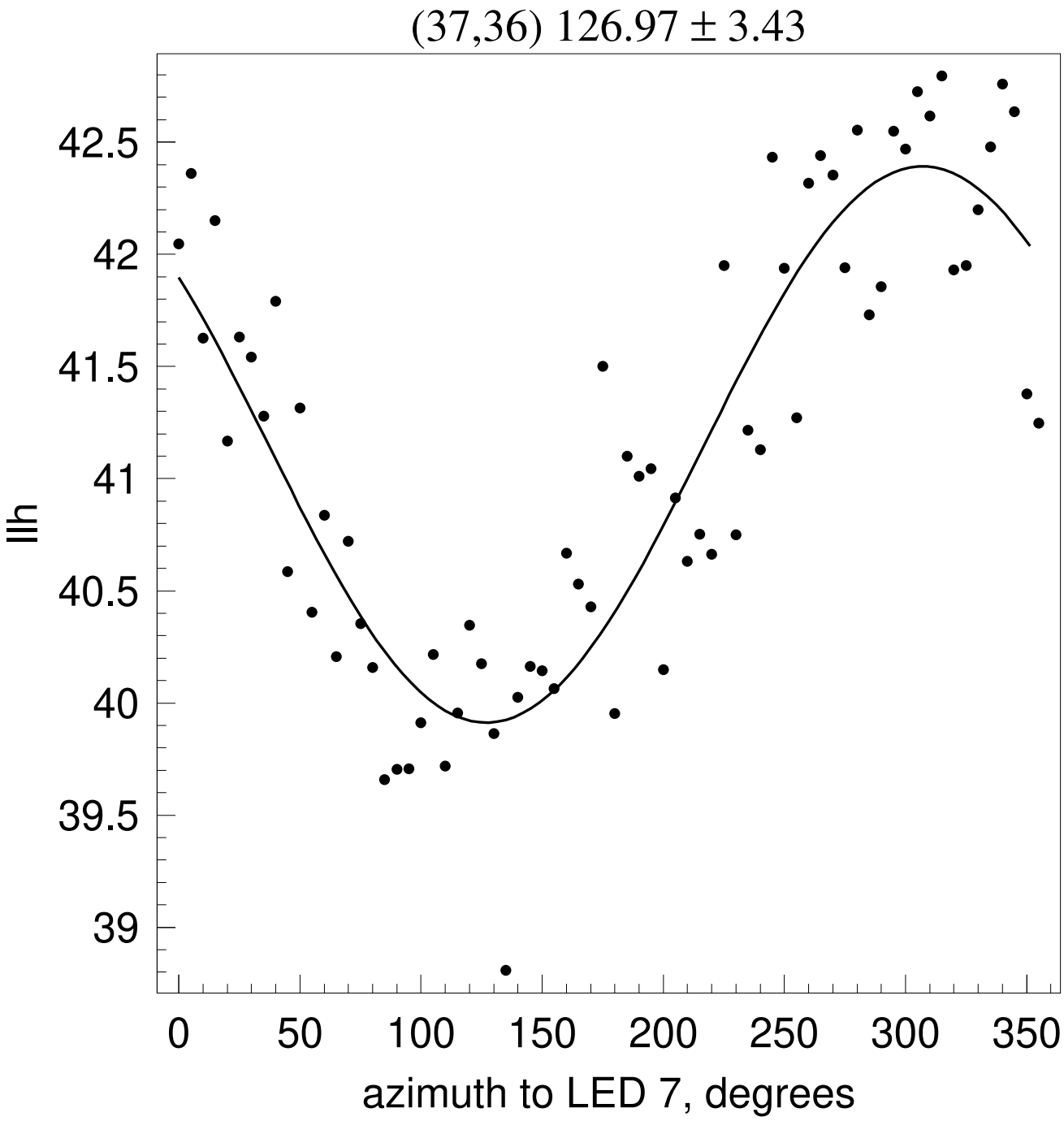

(37,31) 99.52 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

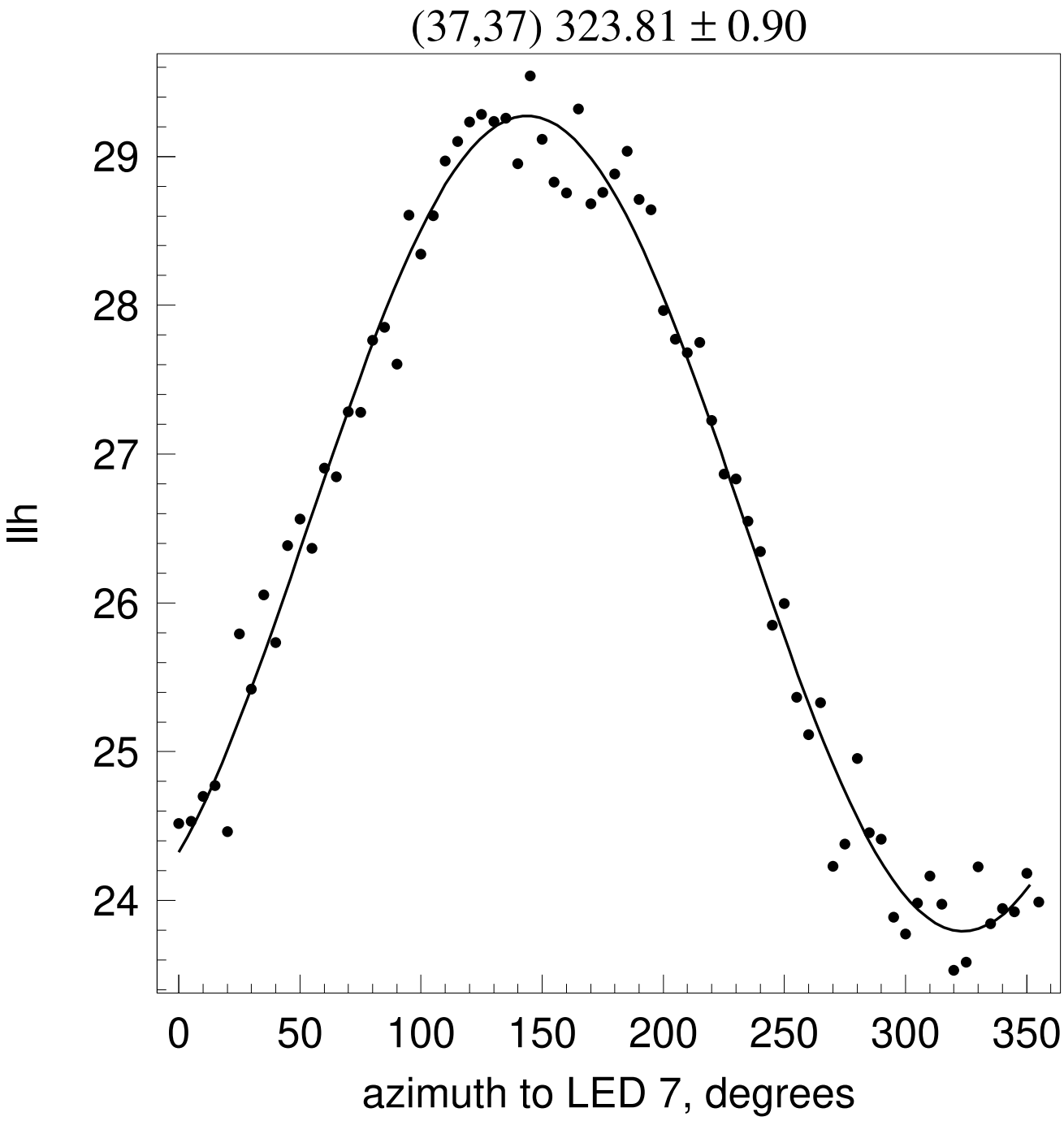

(37,32) 25.81 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

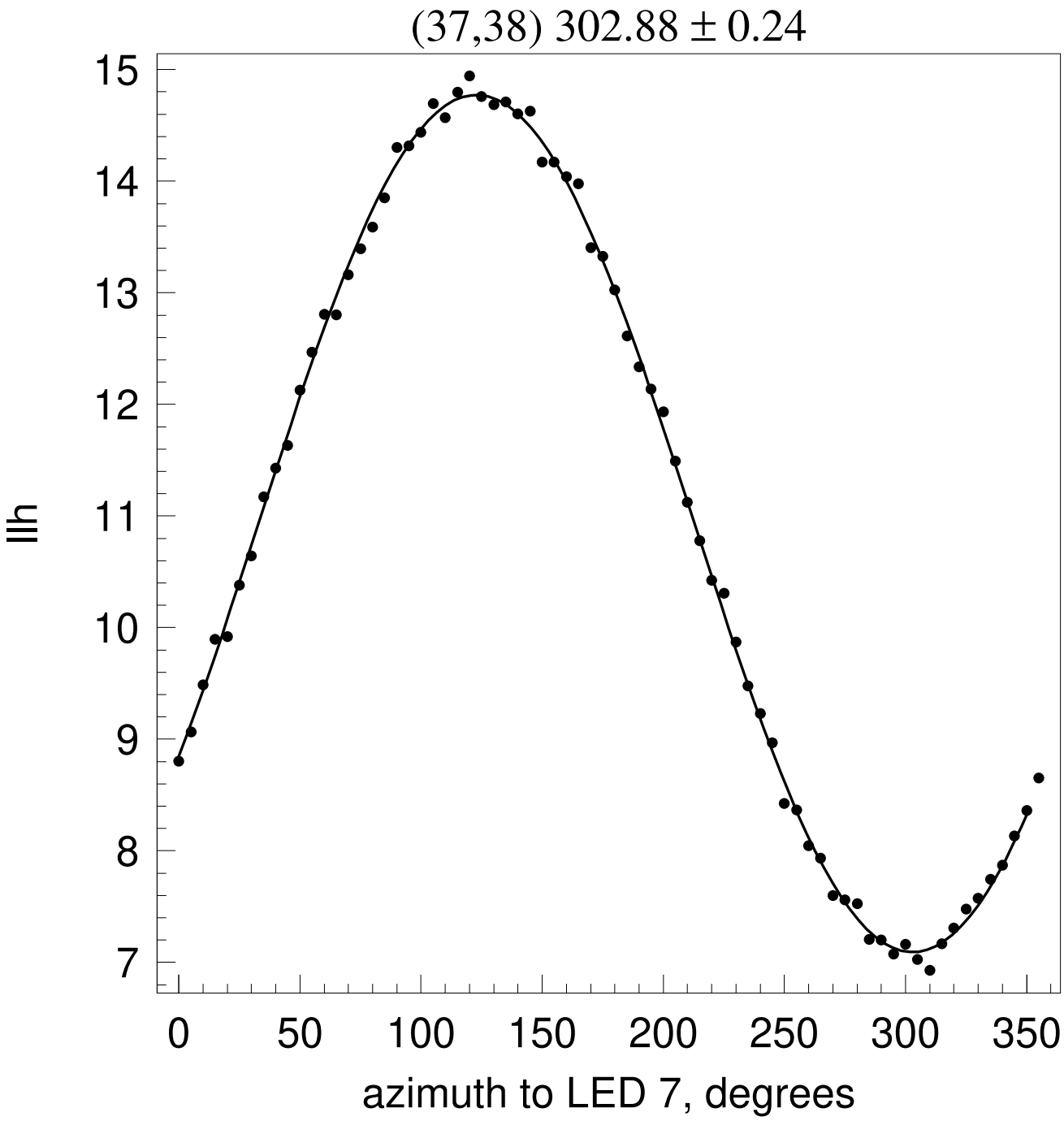

(37,33) 172.85 ± 0.26
18
16
14
12
10
8
I/h
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

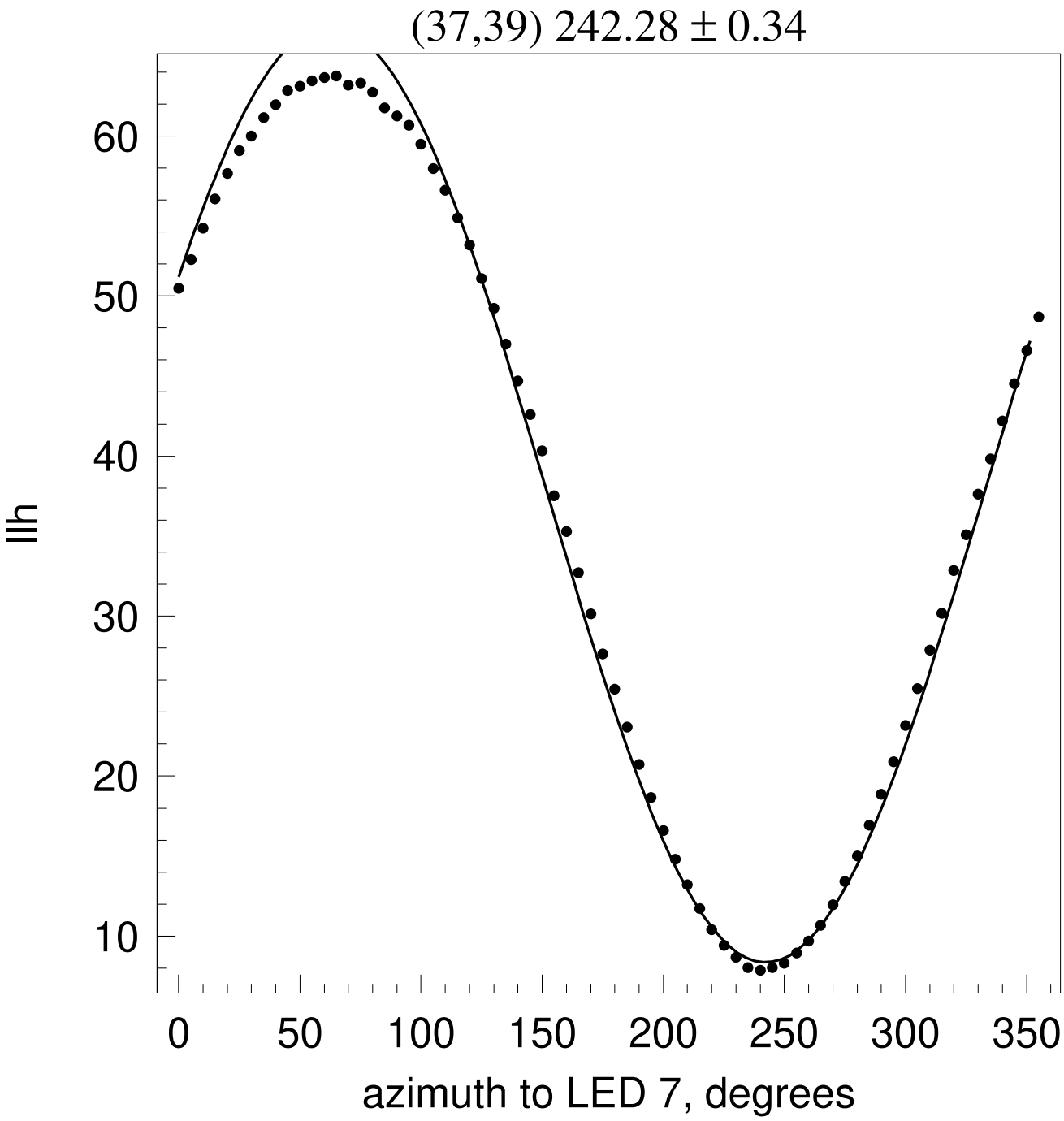

(37,34) 84.08 ± 0.28
42.5
40
37.5
35
32.5
30
27.5
25
22.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

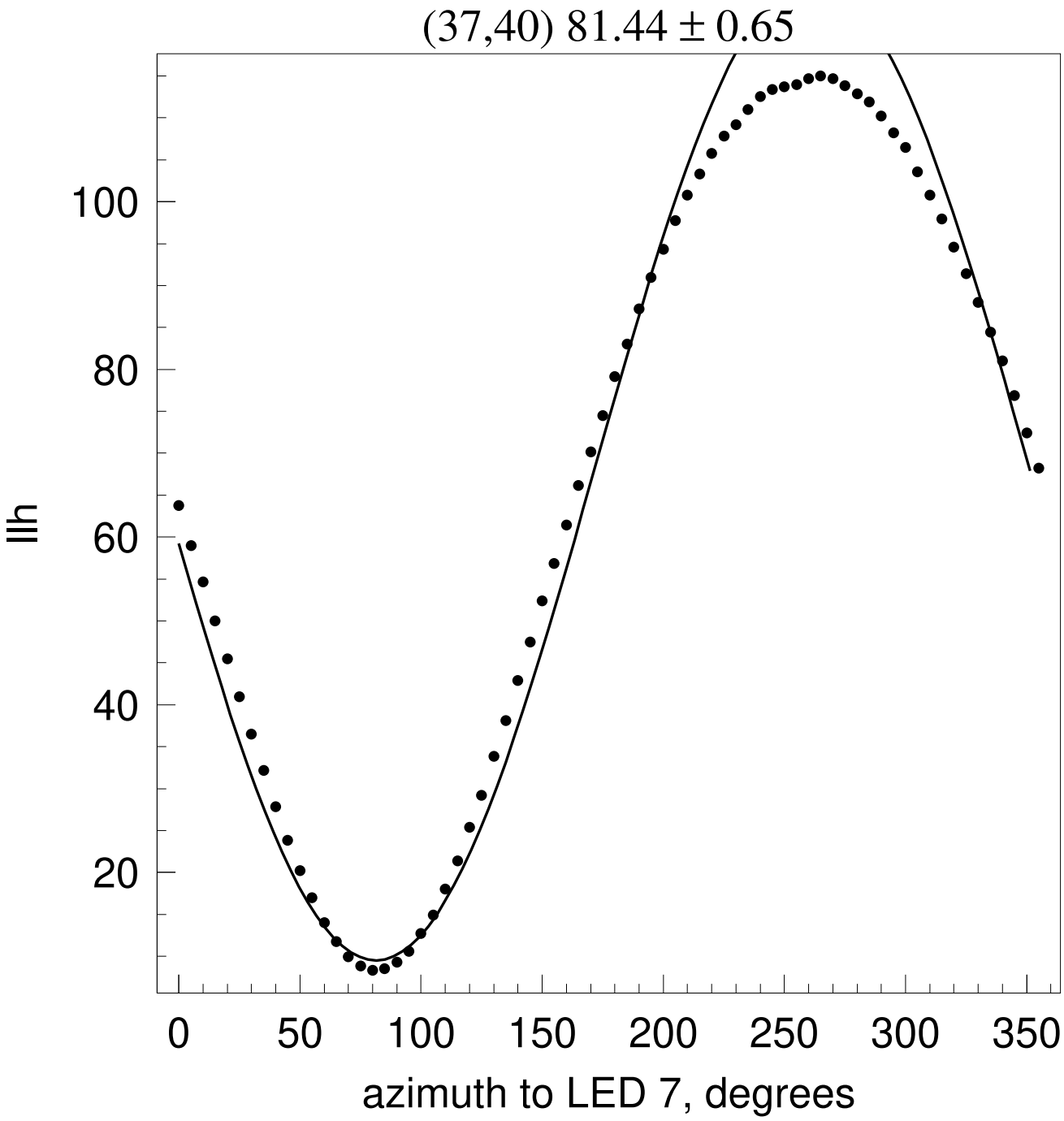

(37,35) 144.73 ± 0.47
50
47.5
45
42.5
40
37.5
35
32.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

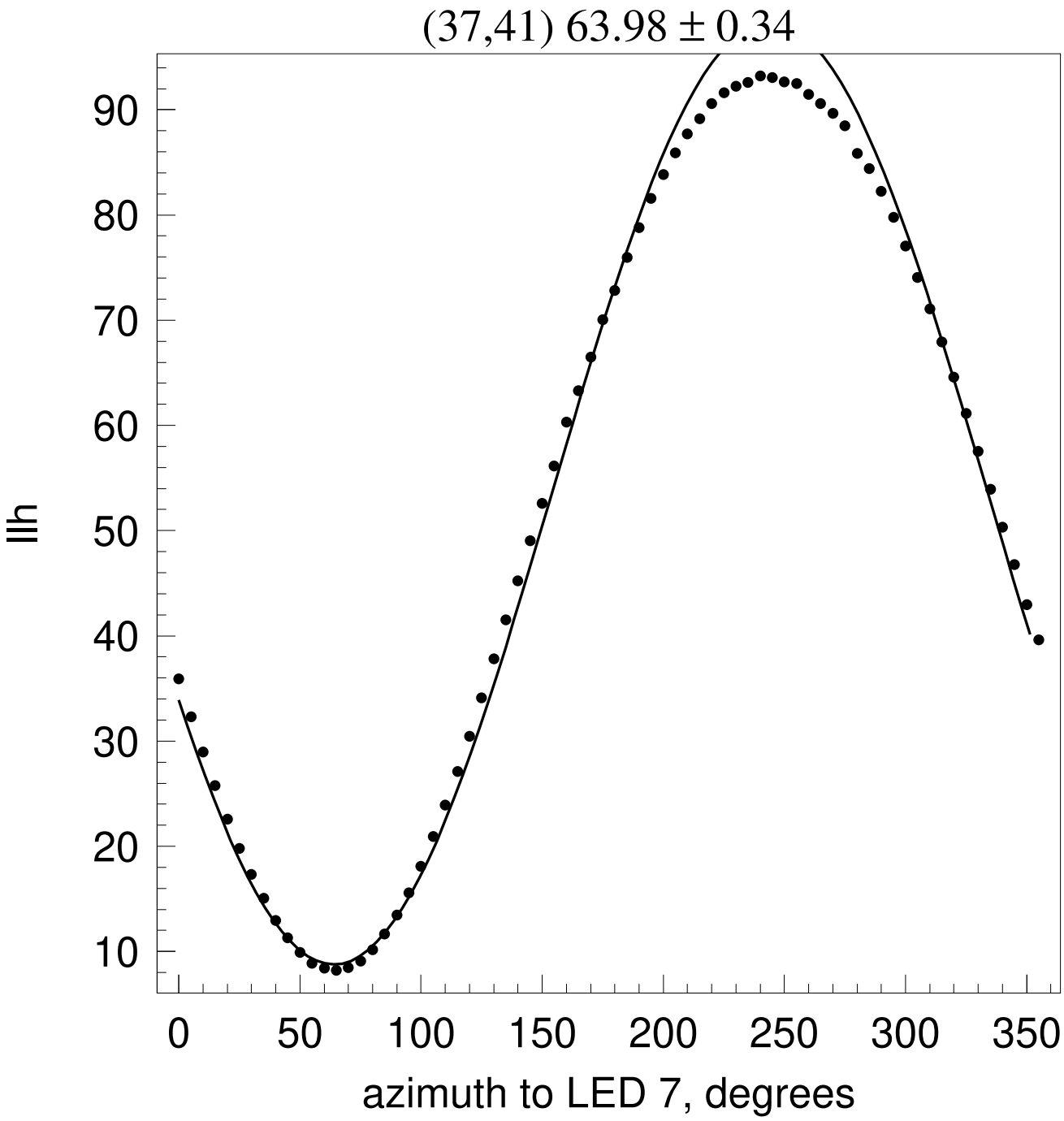

(37,36) 126.97 ± 3.43
42.5
42
41.5
41
40.5
40
39.5
39
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

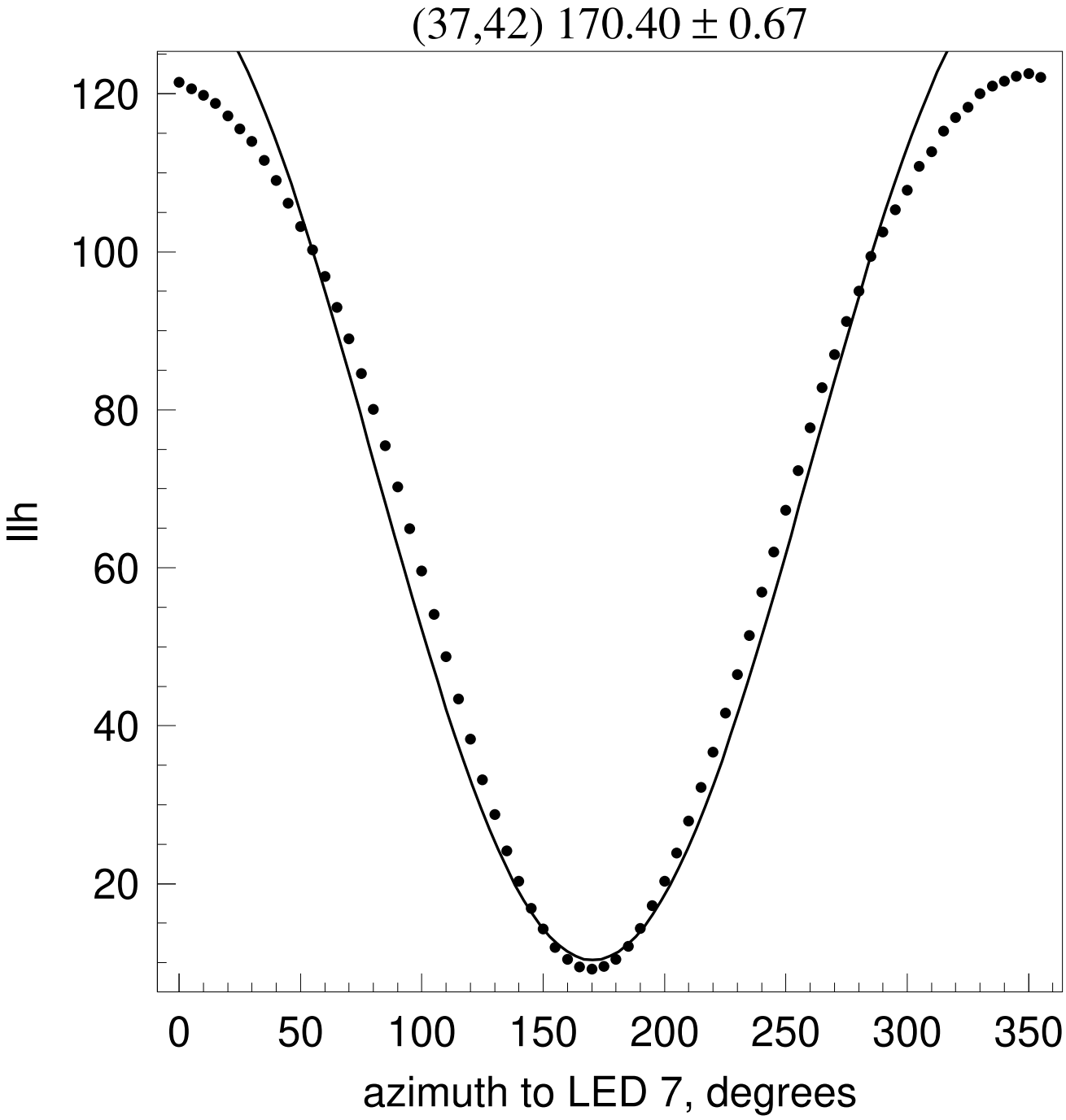

(37,37) 323.81 ± 0.90
29
28
27
26
25
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

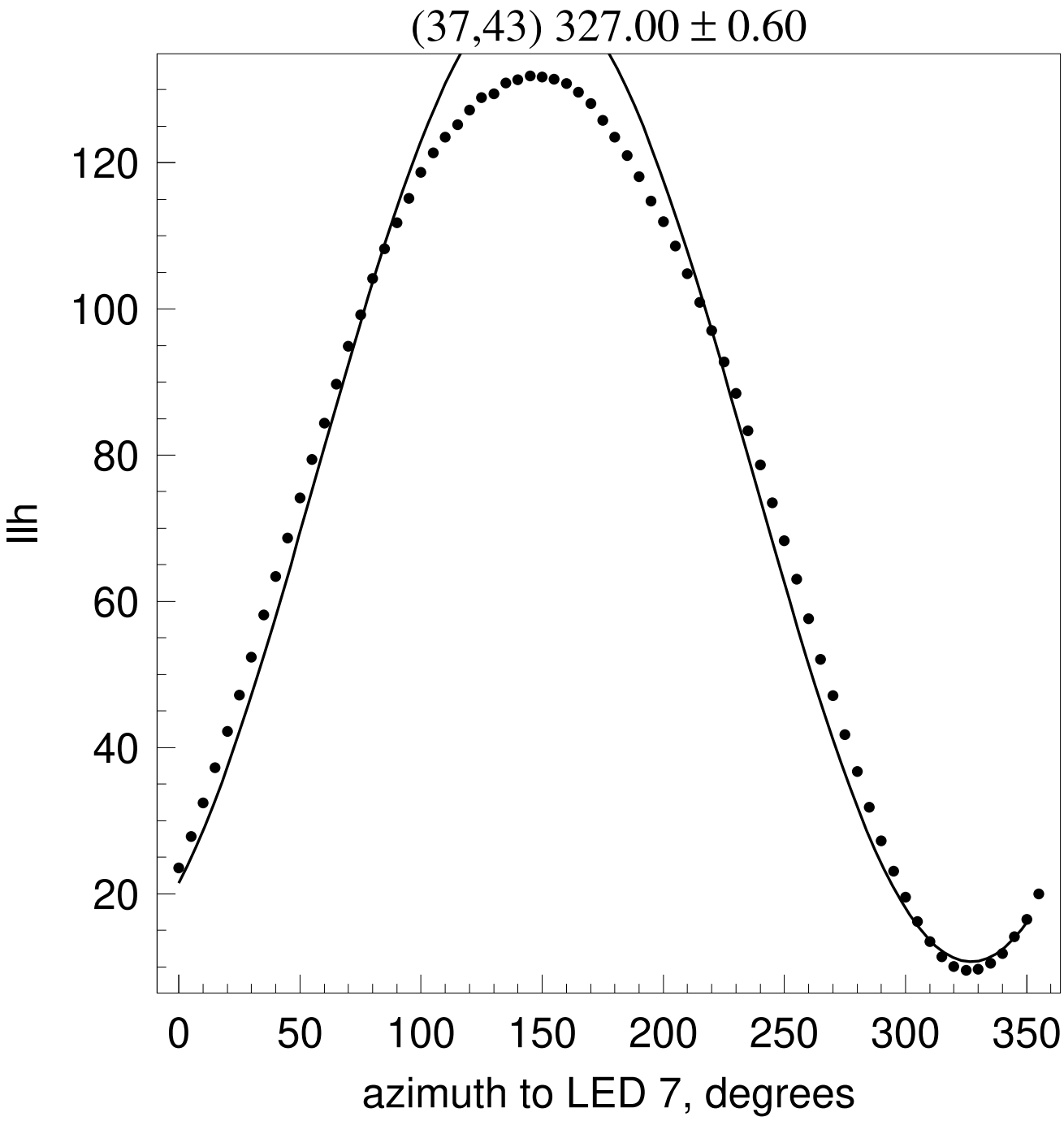

(37,38) 302.88 ± 0.24
15
14
13
12
11
10
9
8
7
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

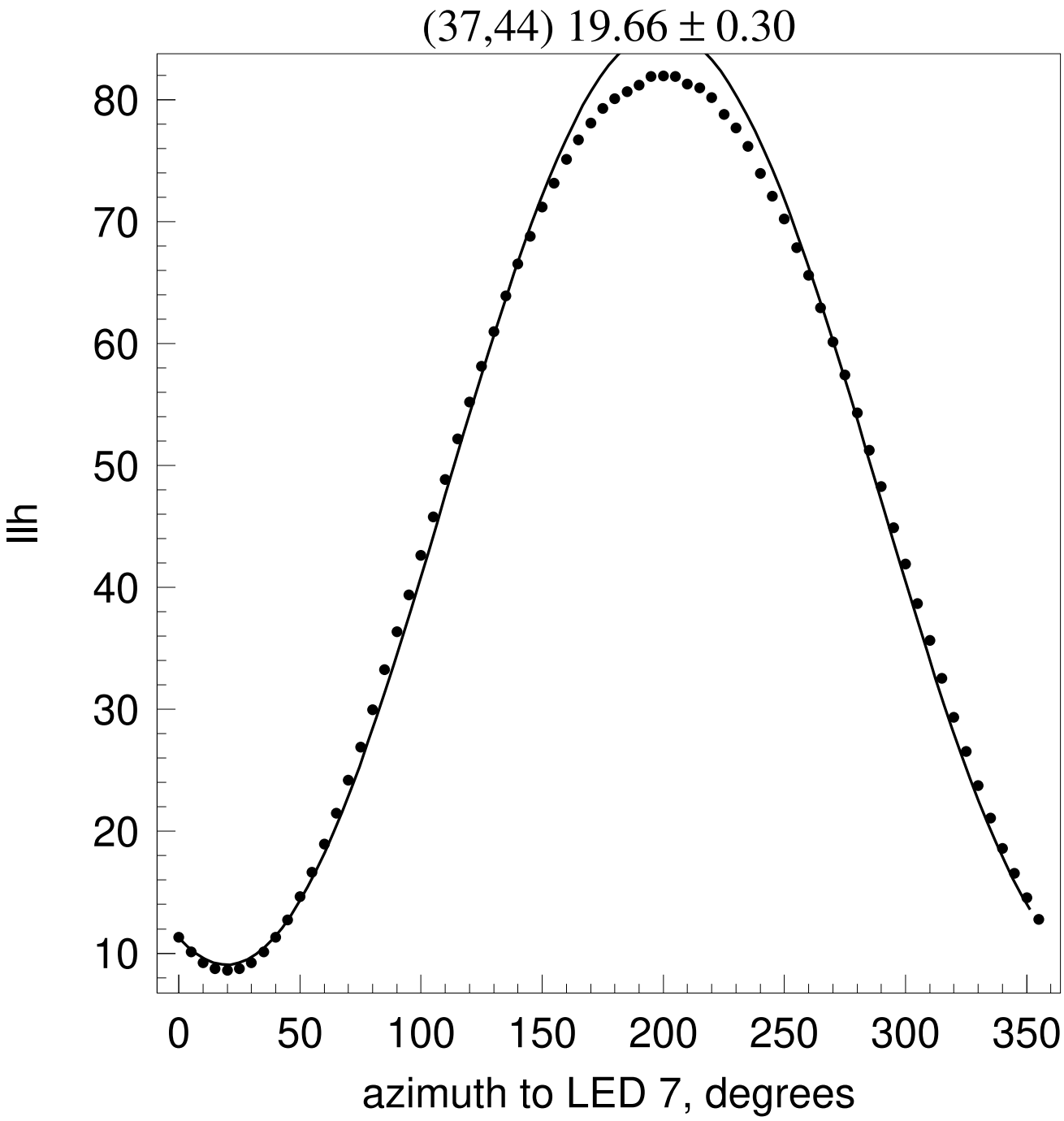

(37,39) 242.28 ± 0.34
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

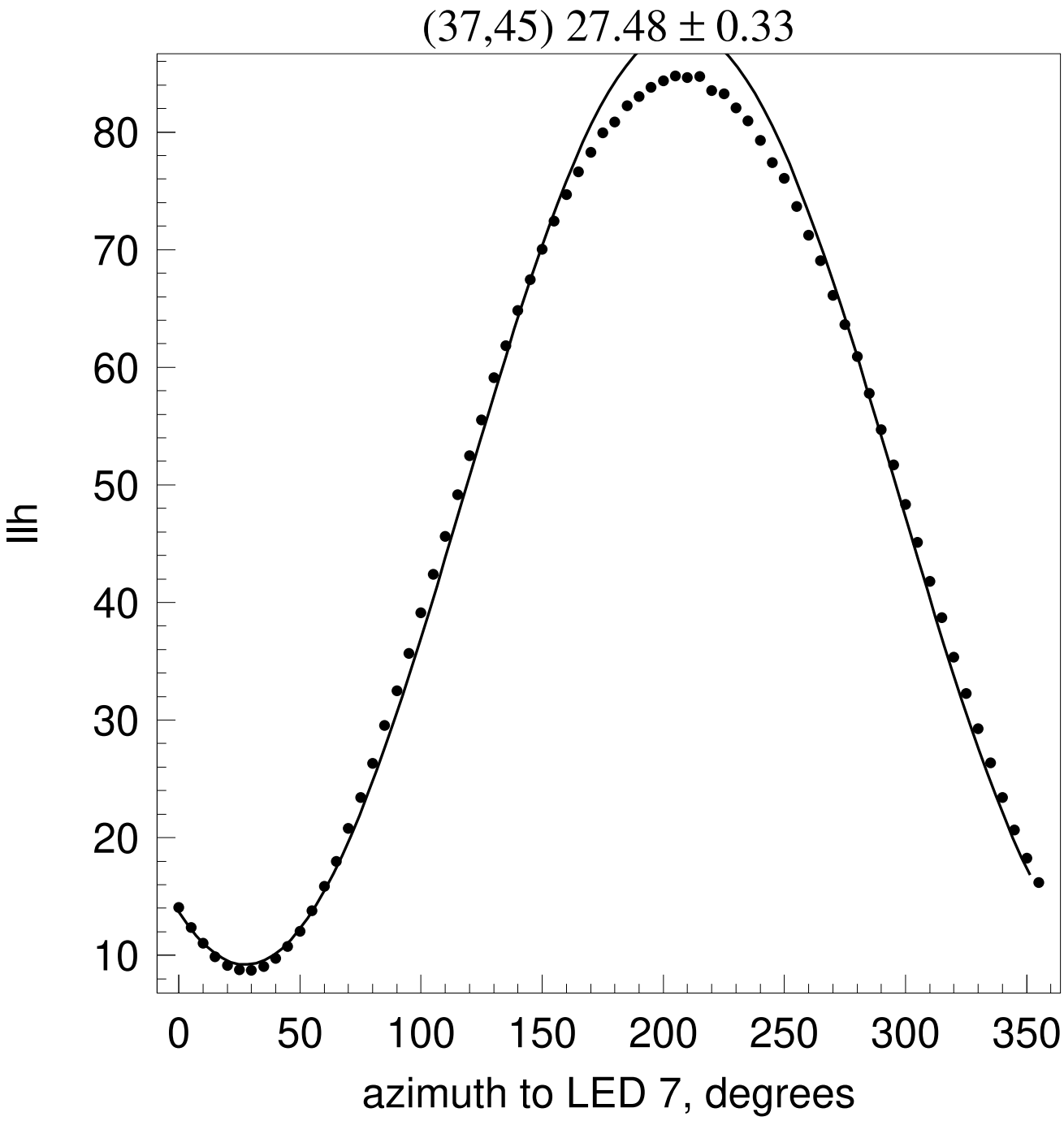

(37,40) 81.44 ± 0.65
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

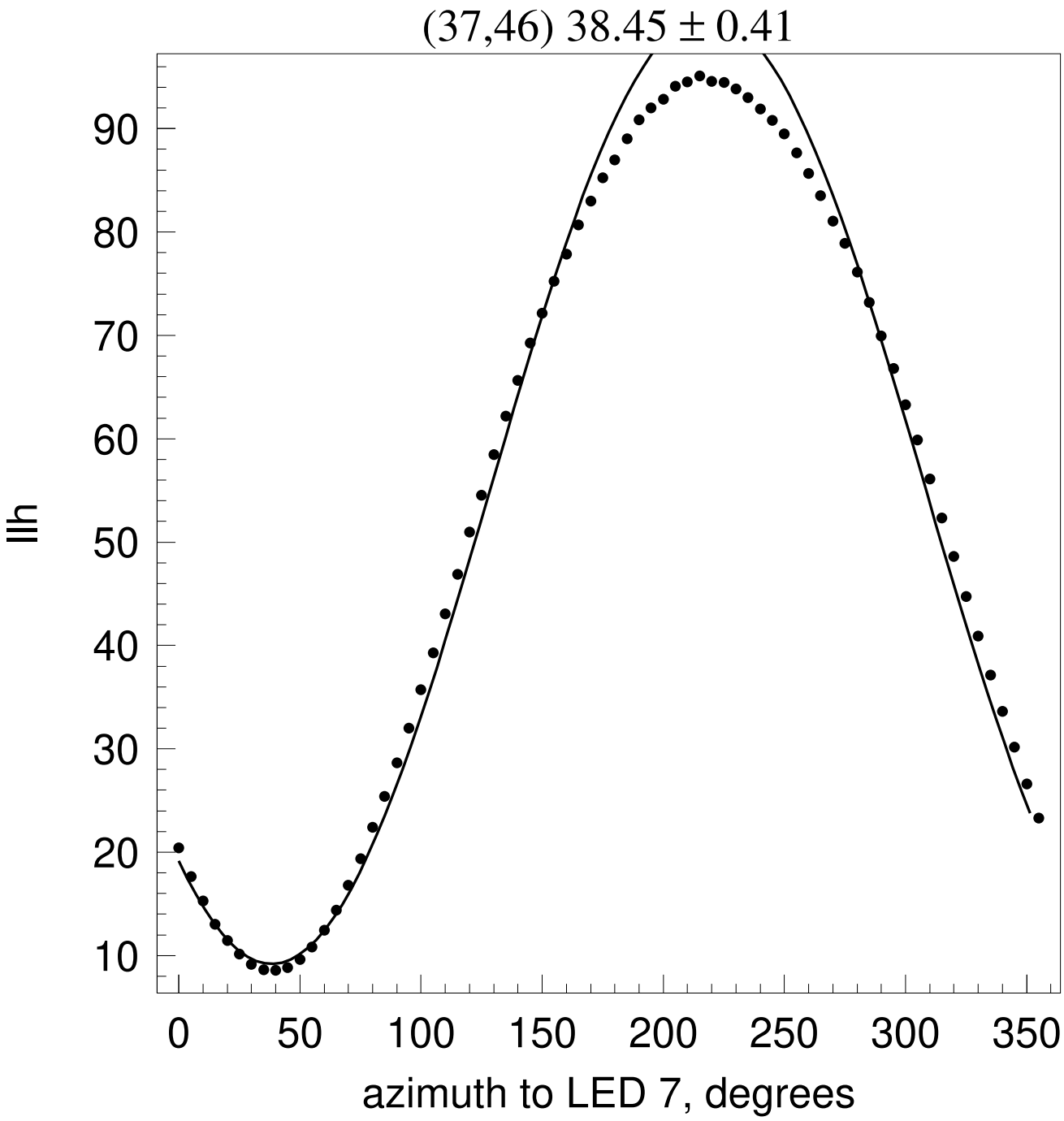

(37,41) 63.98 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

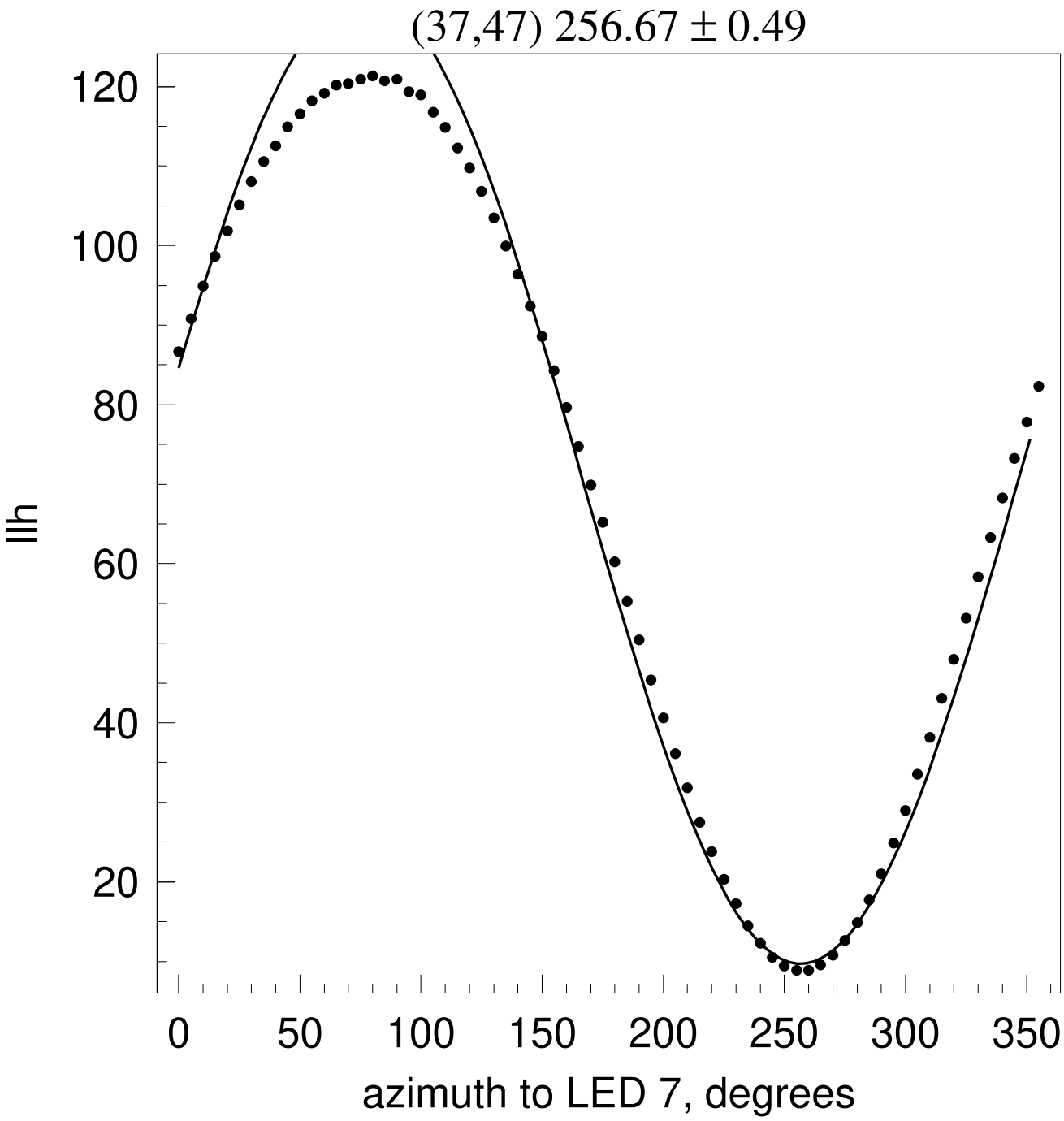

(37,42) 170.40 ± 0.67
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

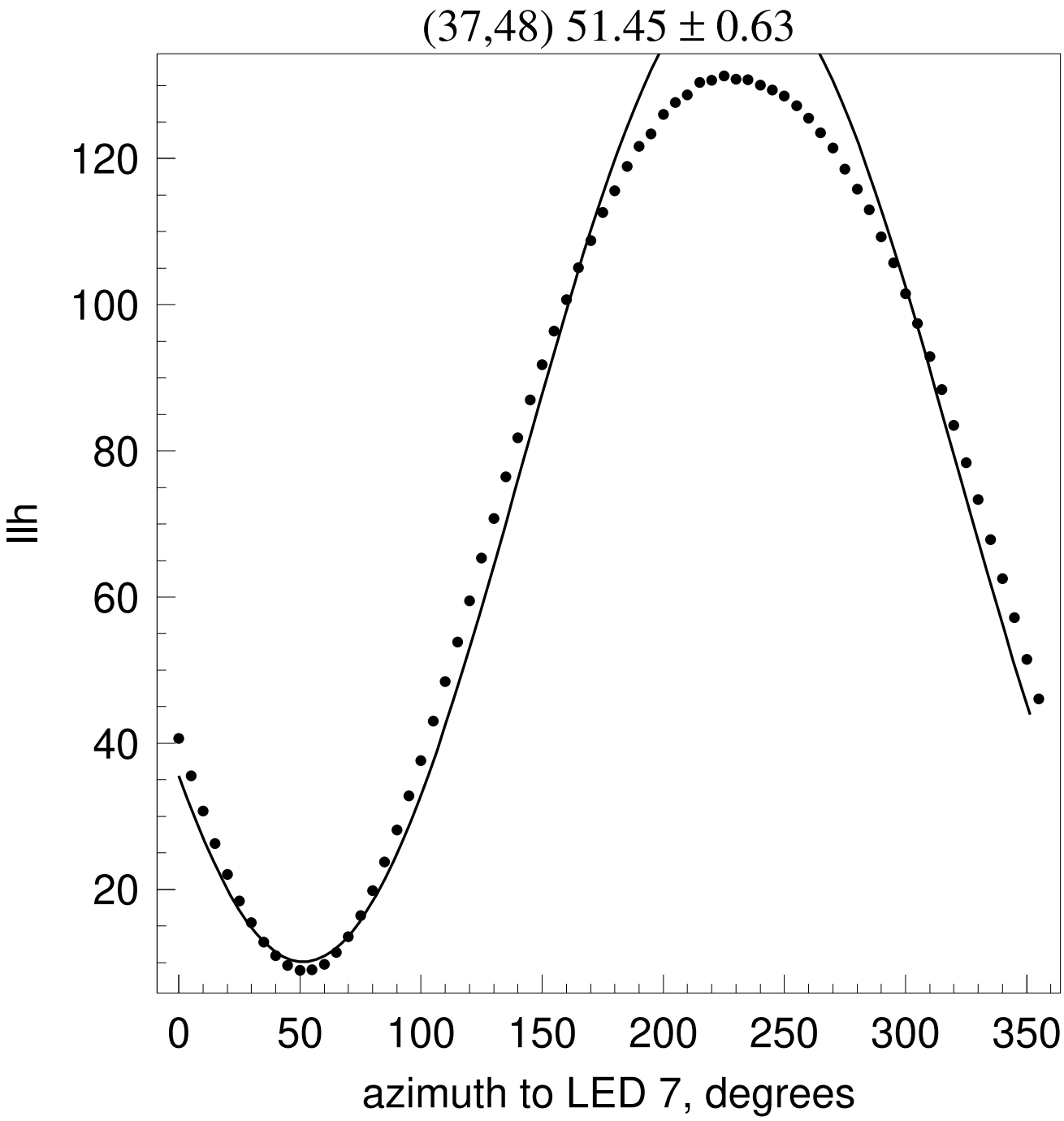

(37,43) 327.00 ± 0.60
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

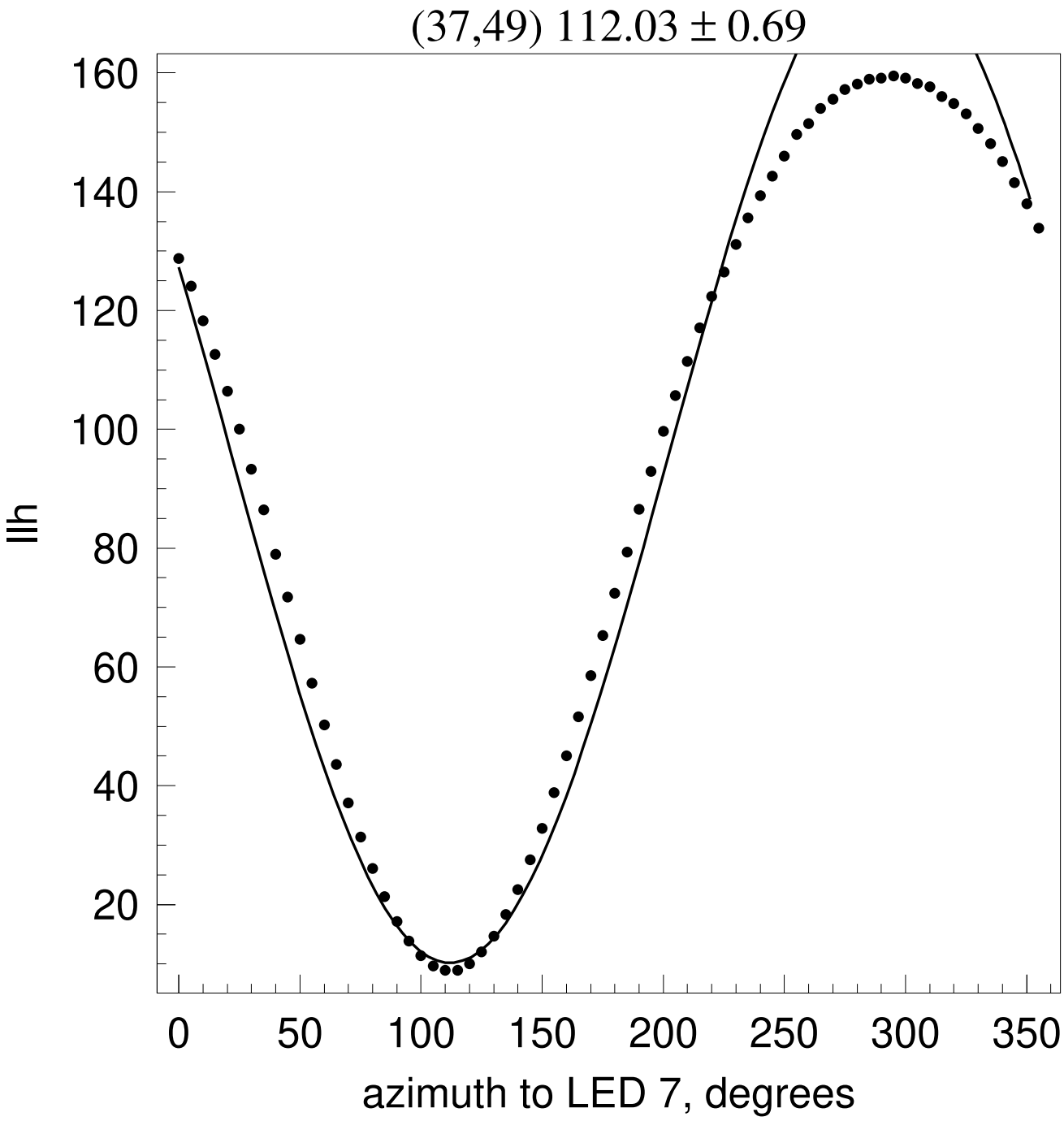

(37,44) 19.66 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

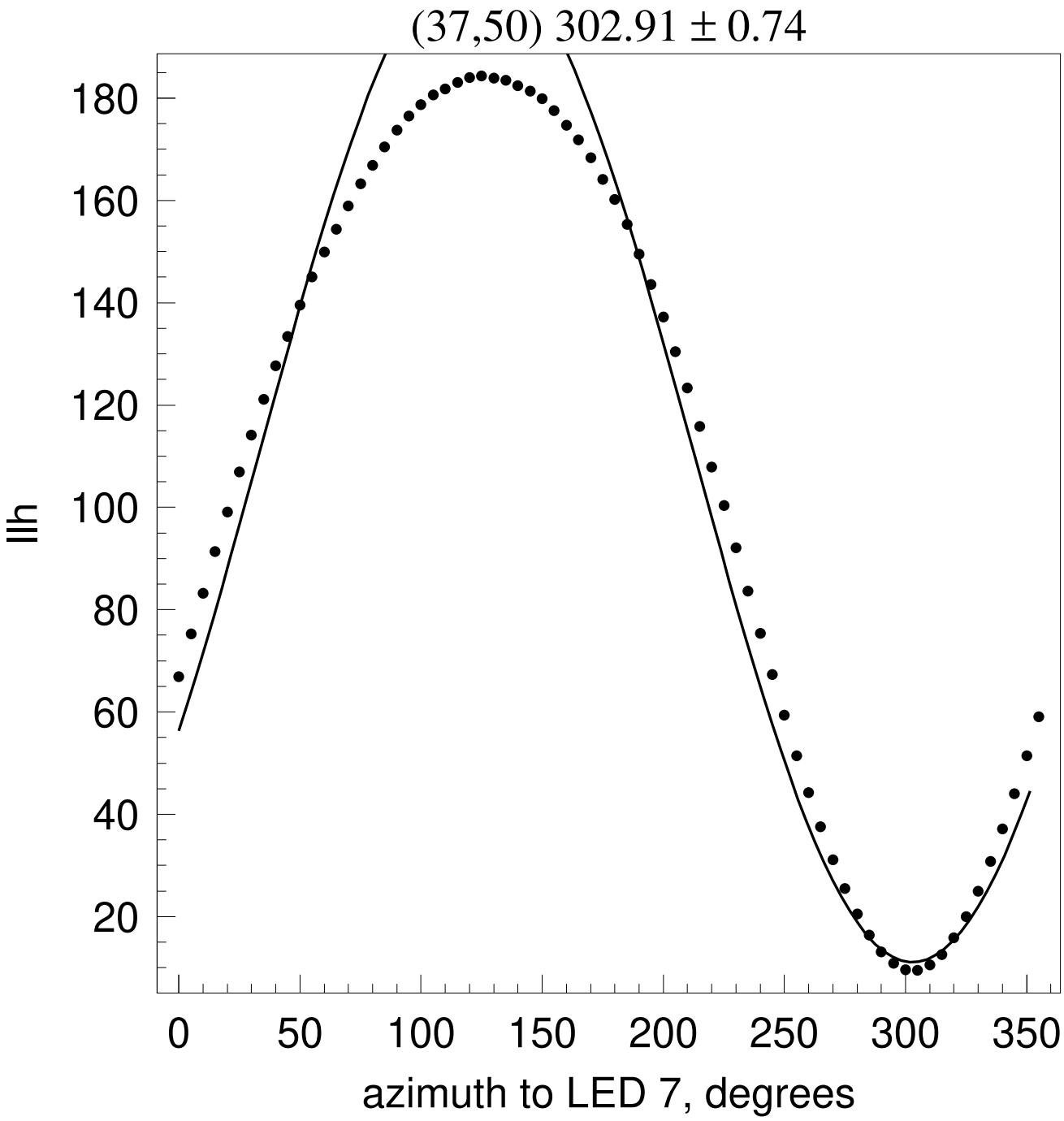

(37,45) 27.48 ± 0.33
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

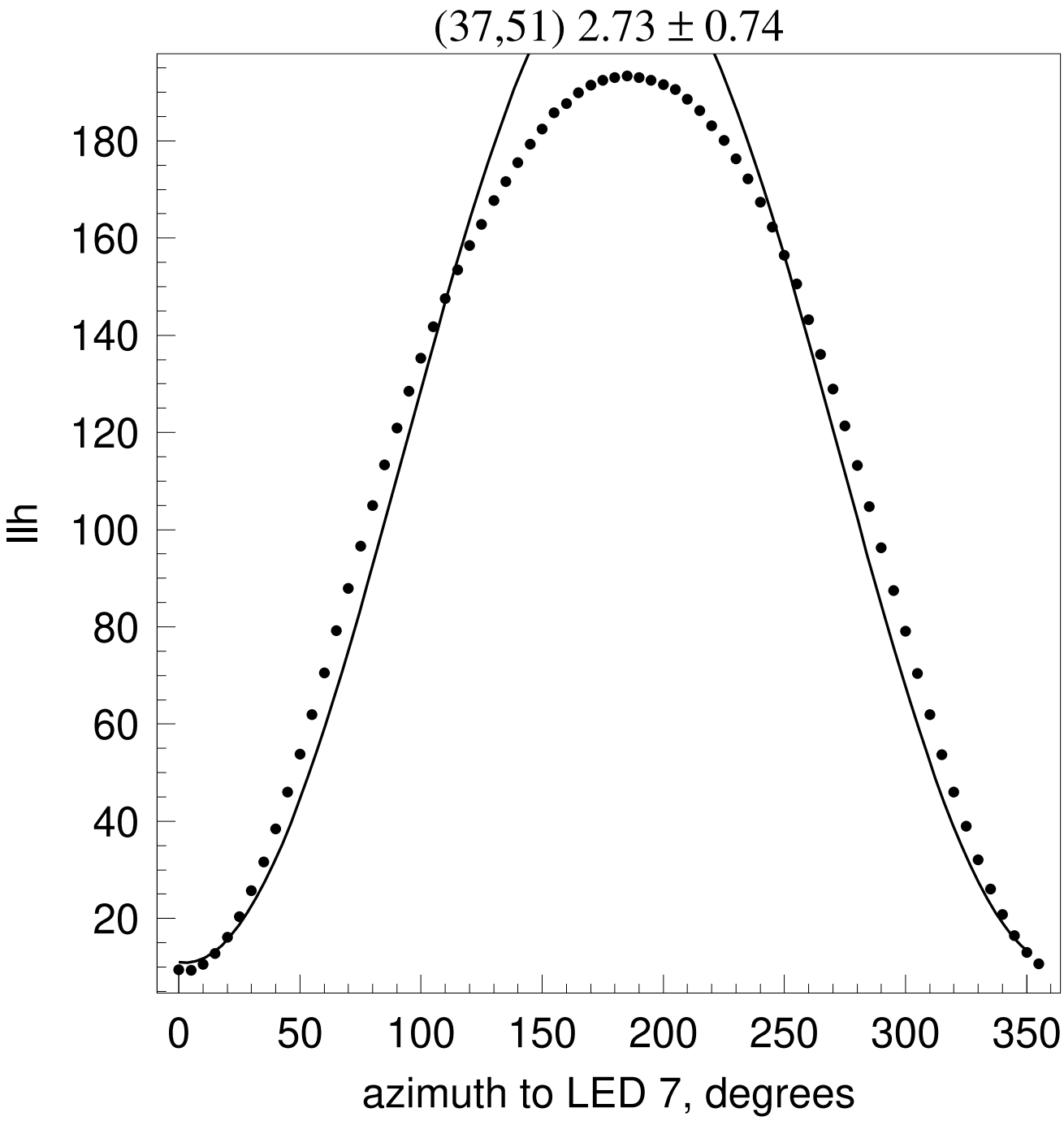

(37,46) 38.45 ± 0.41
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

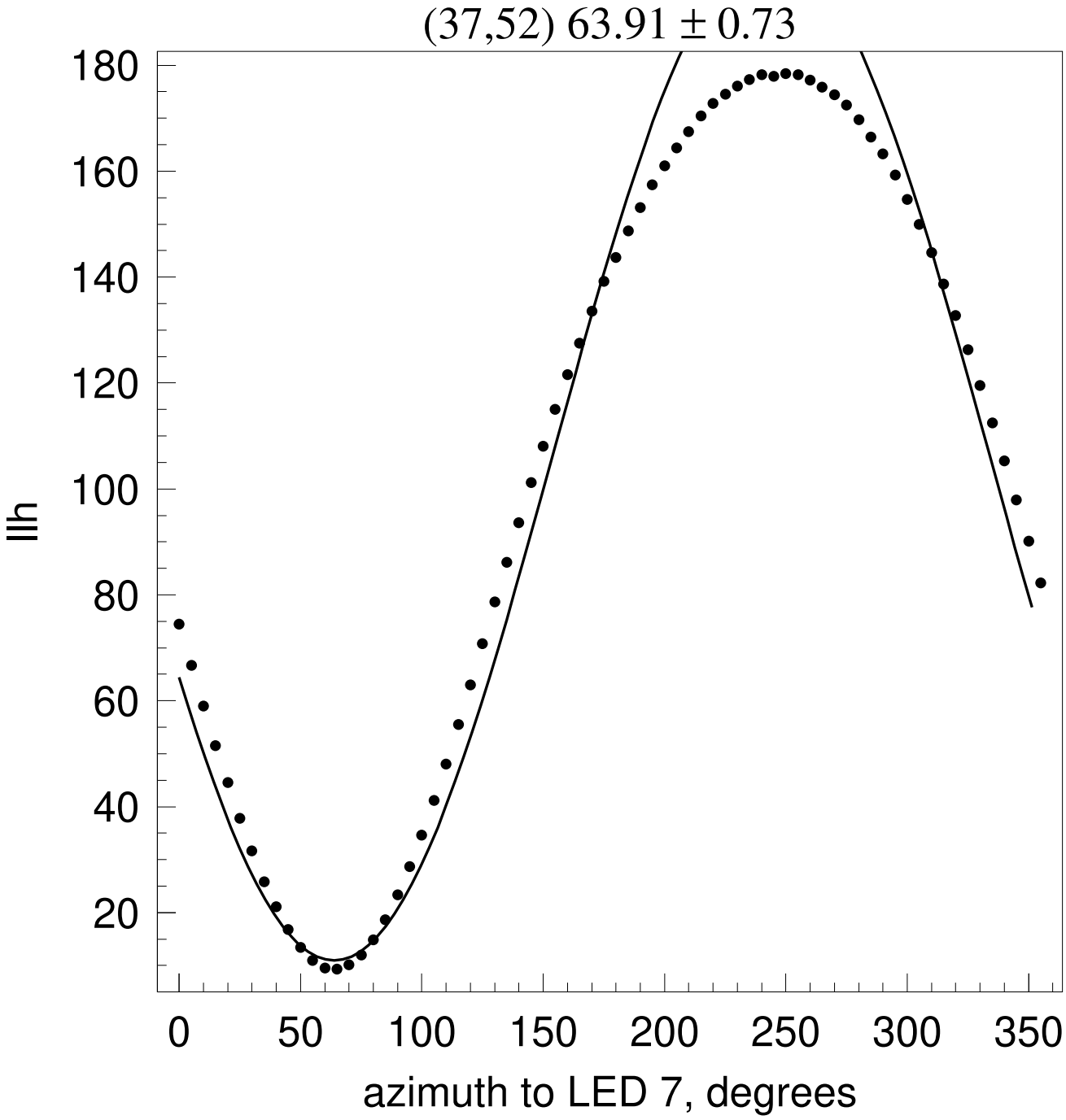

(37,47) 256.67 ± 0.49
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

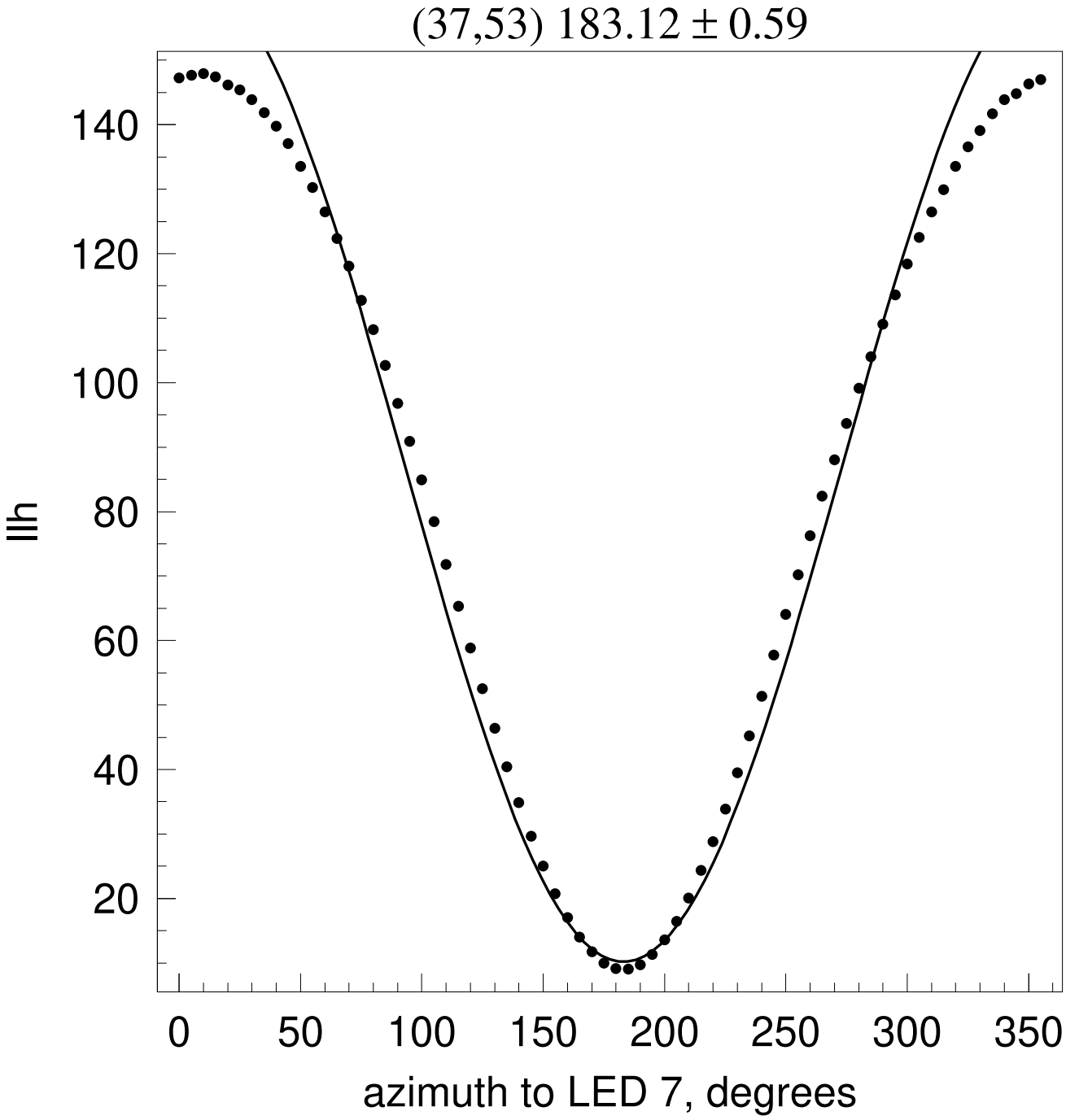

(37,48) 51.45 ± 0.63
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

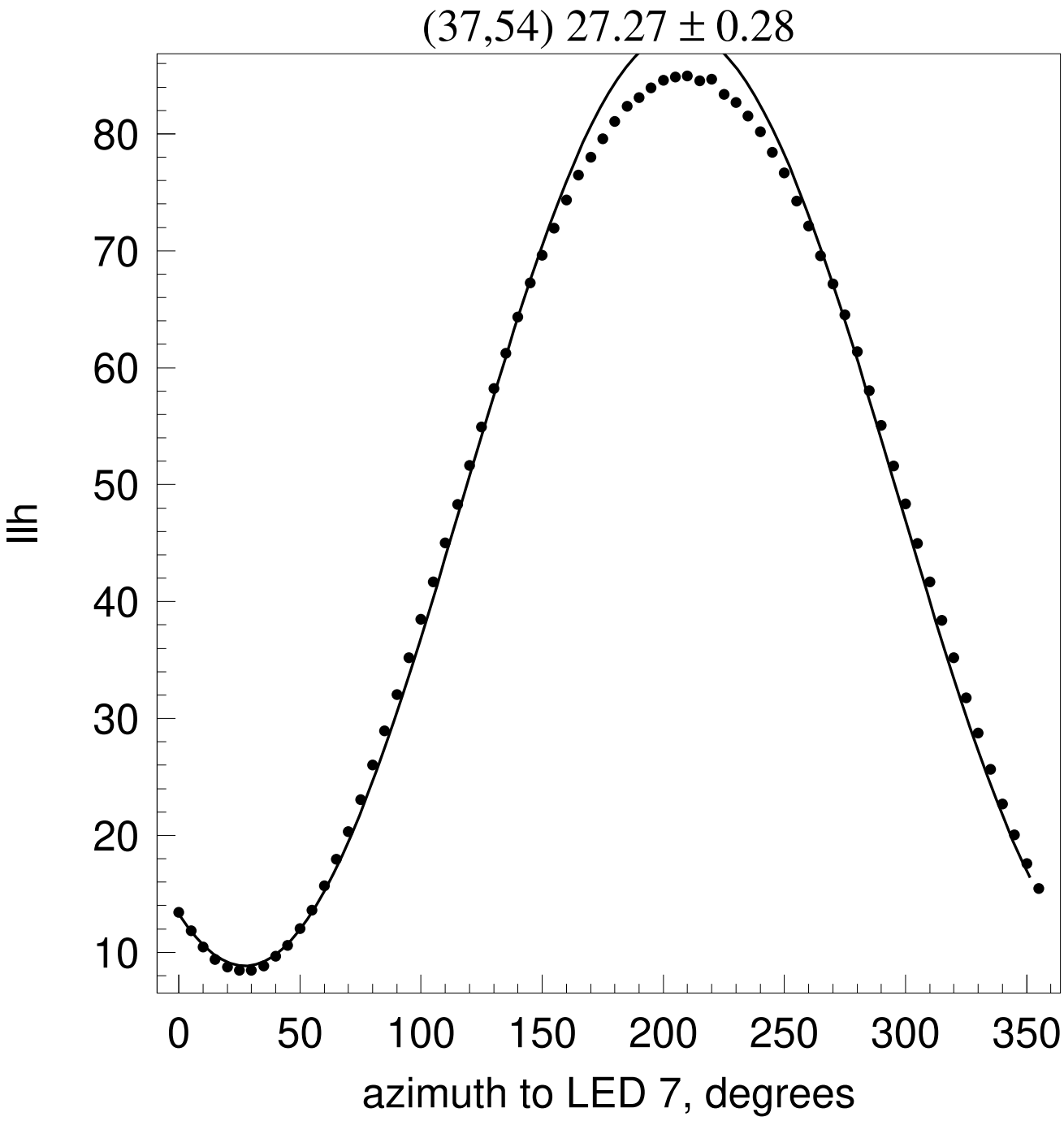

(37,49) 112.03 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

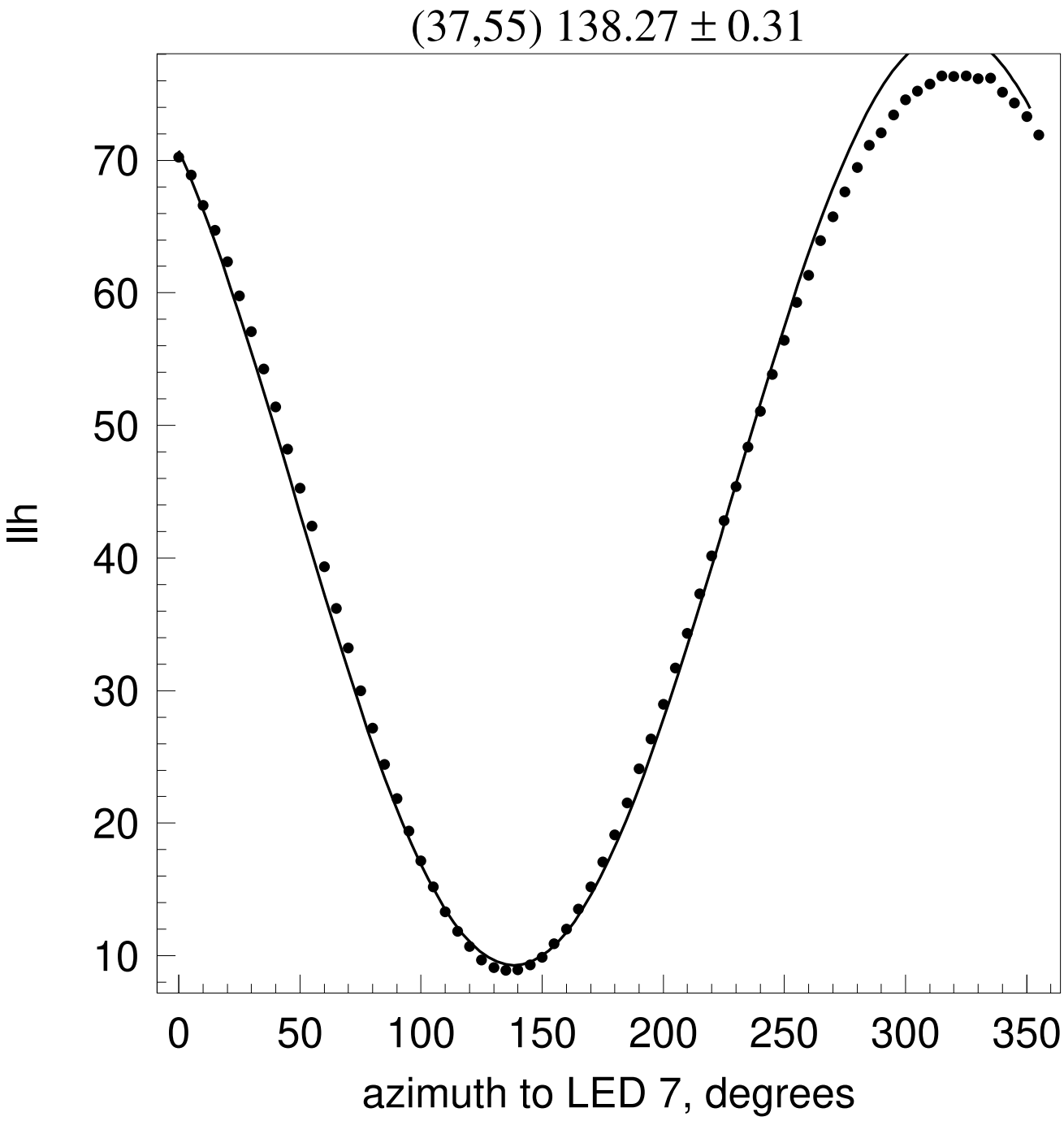

(37,50) 302.91 ± 0.74
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

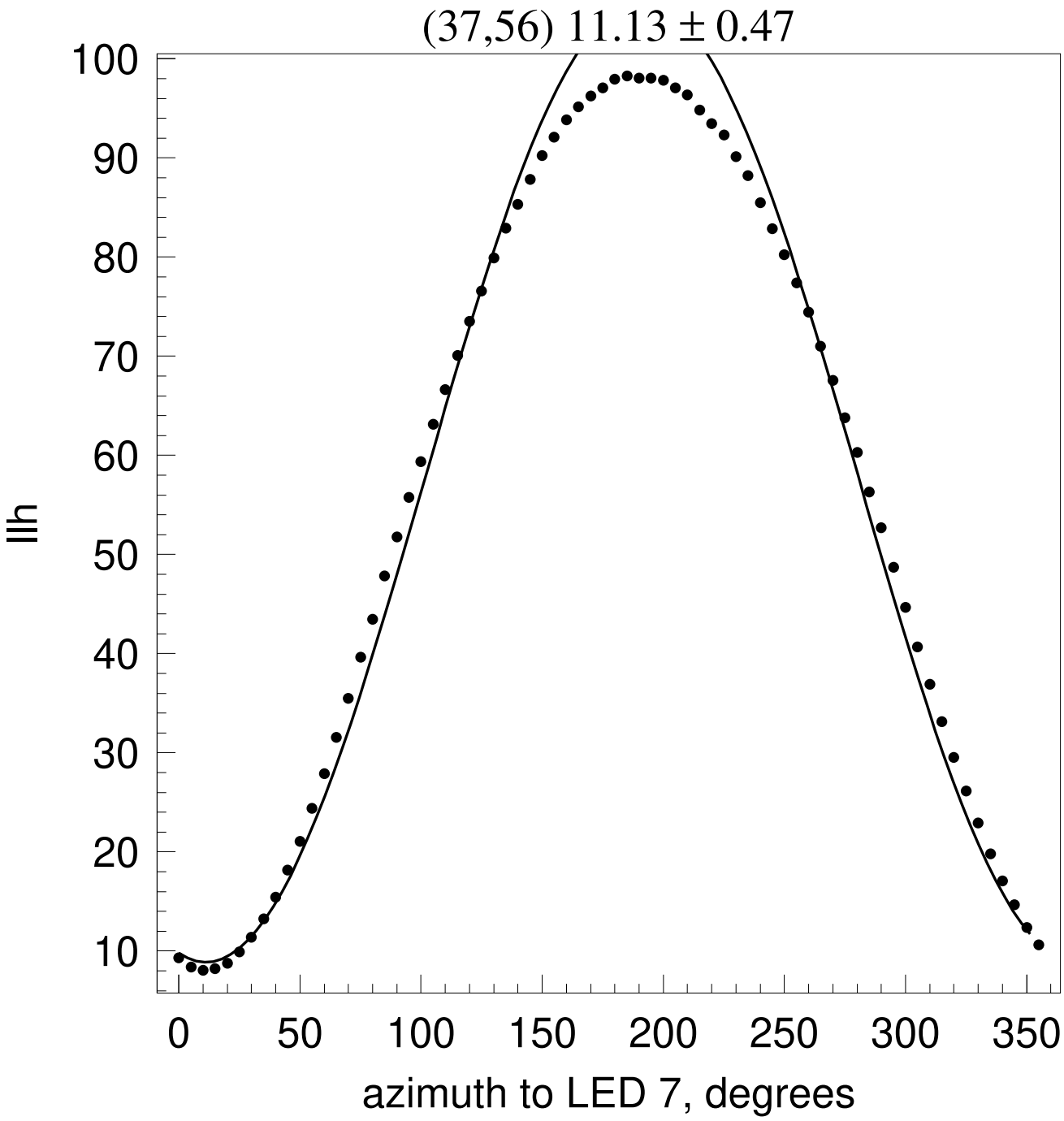

(37,51) 2.73 ± 0.74
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

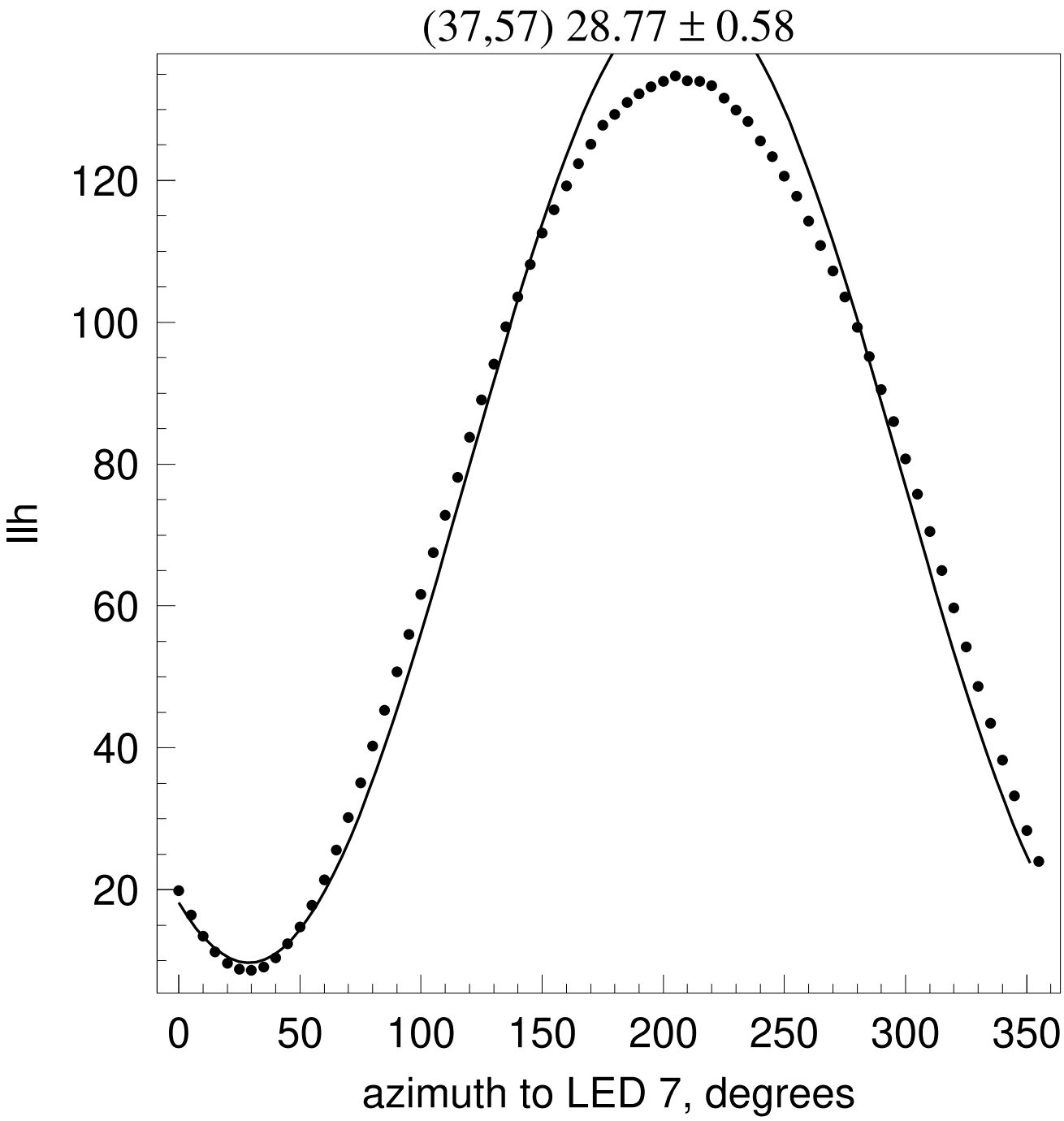

(37,52) 63.91 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

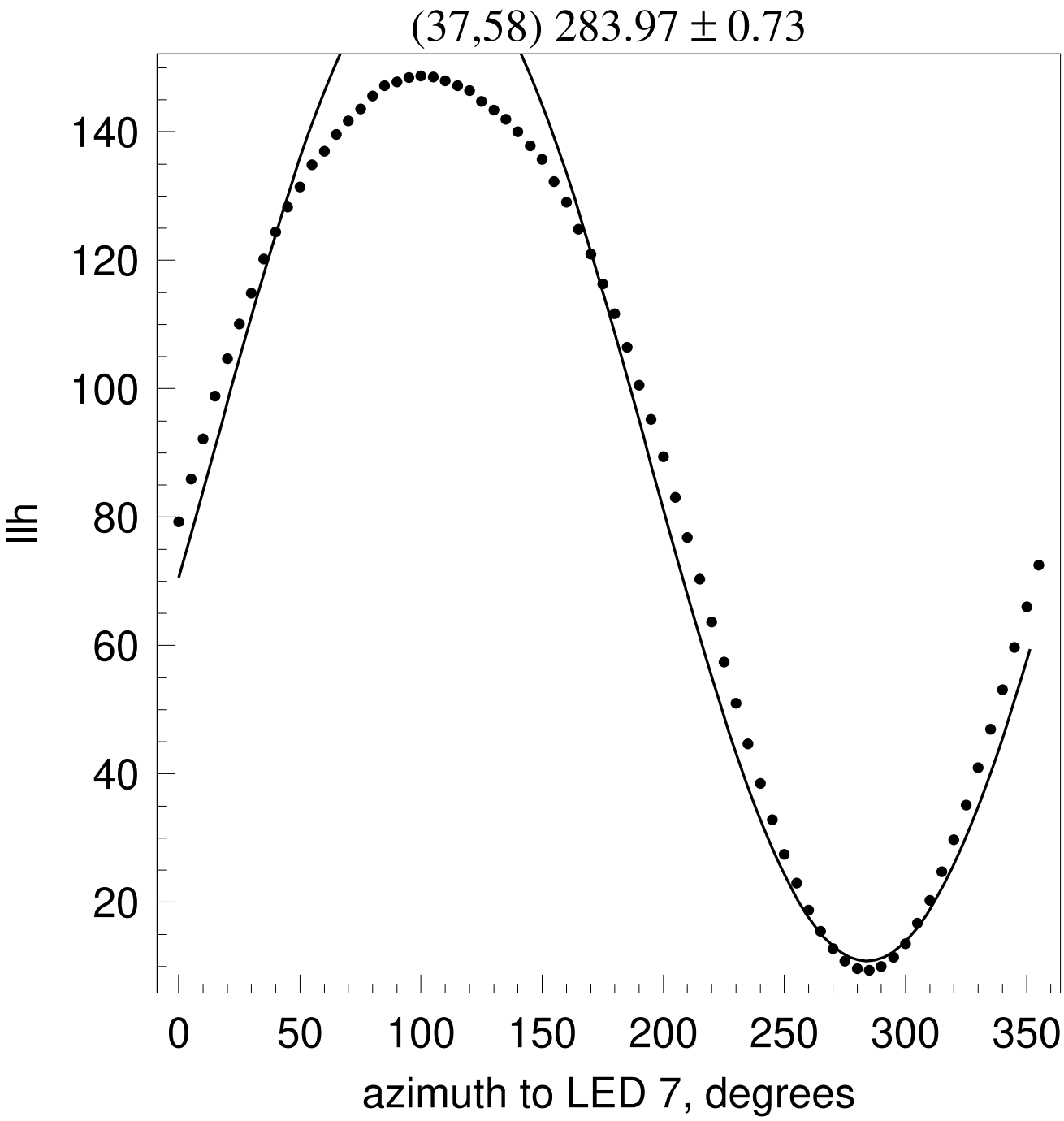

(37,53) 183.12 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

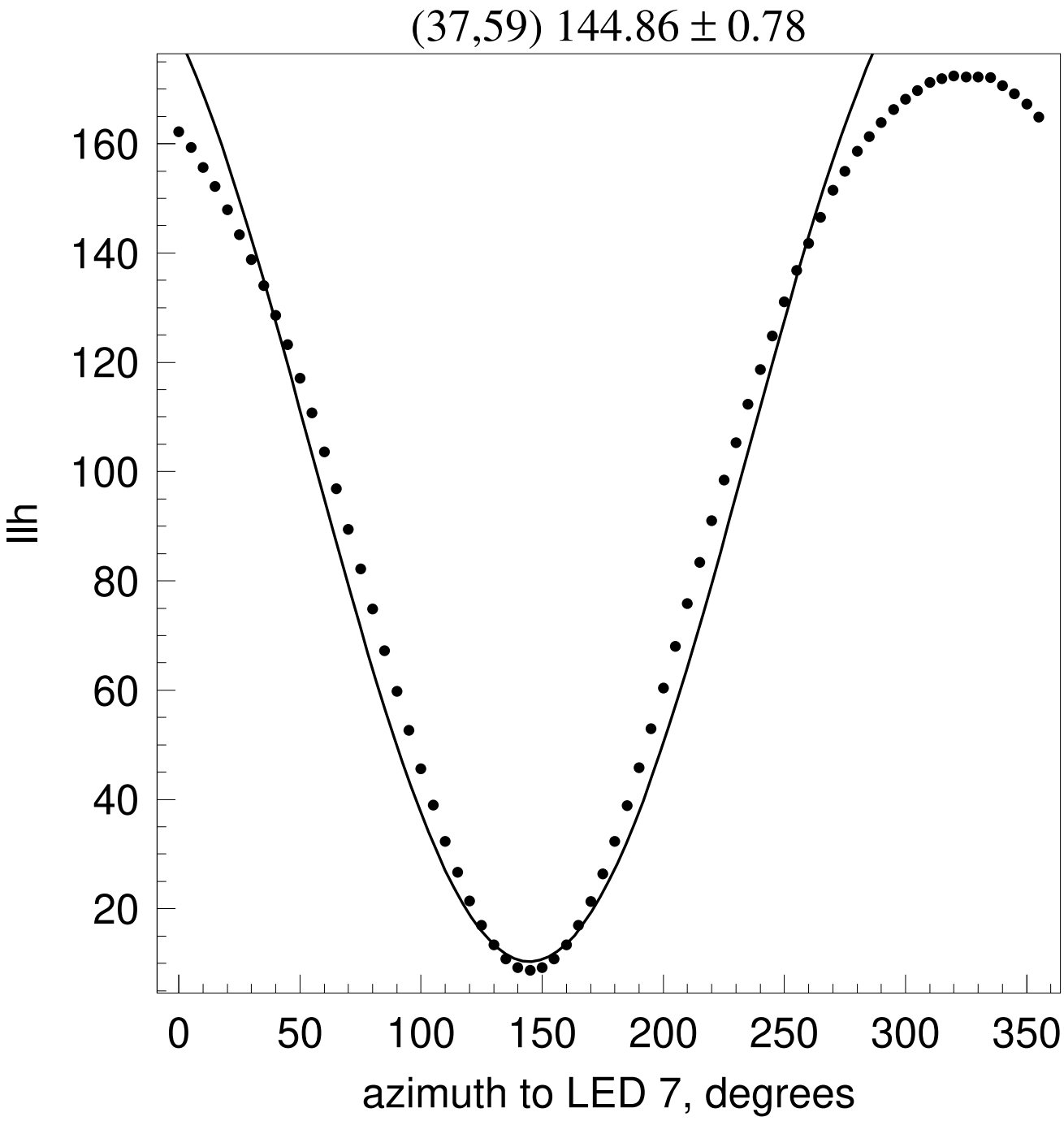

(37,54) 27.27 ± 0.28
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

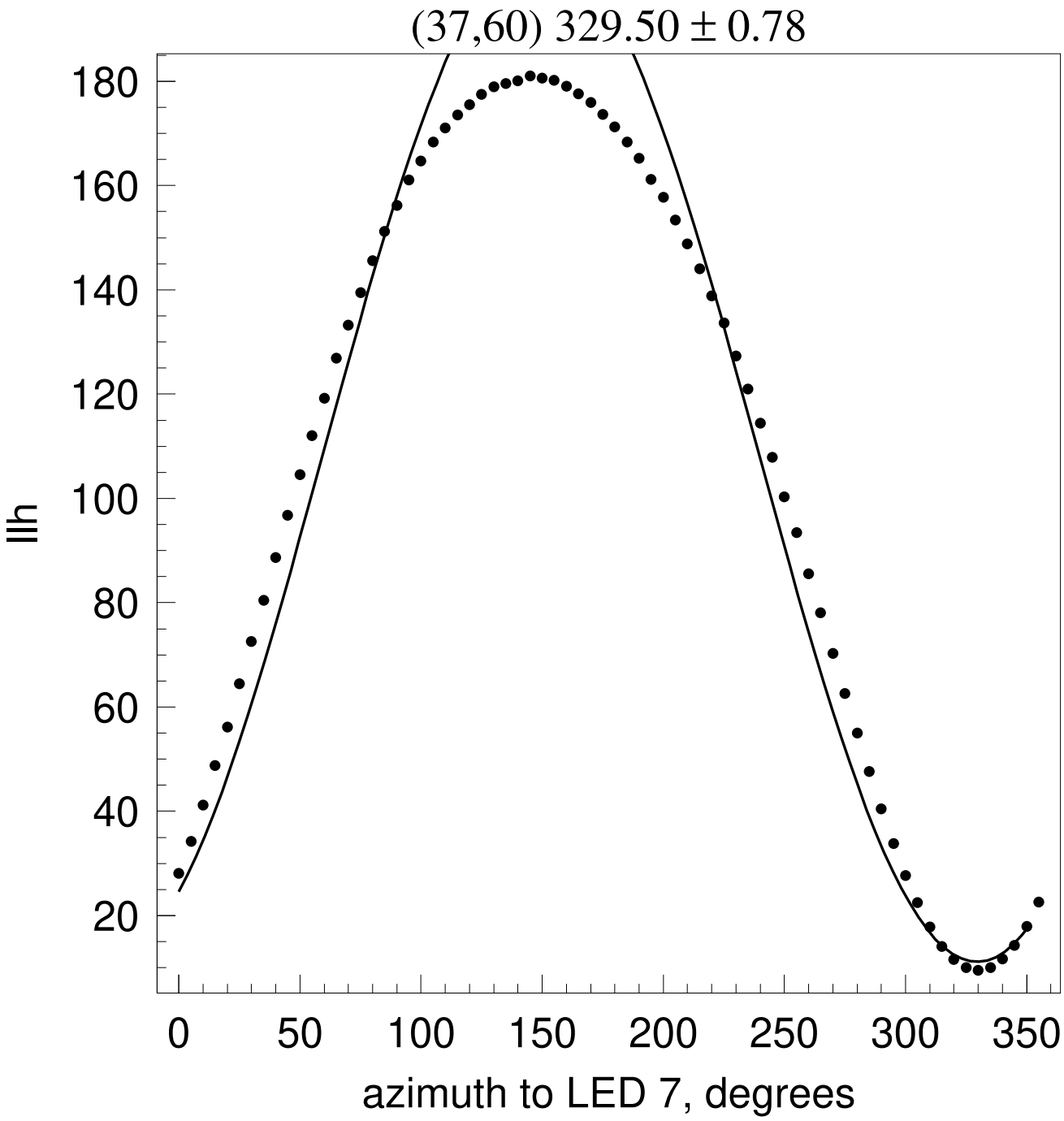

(37,55) 138.27 ± 0.31
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

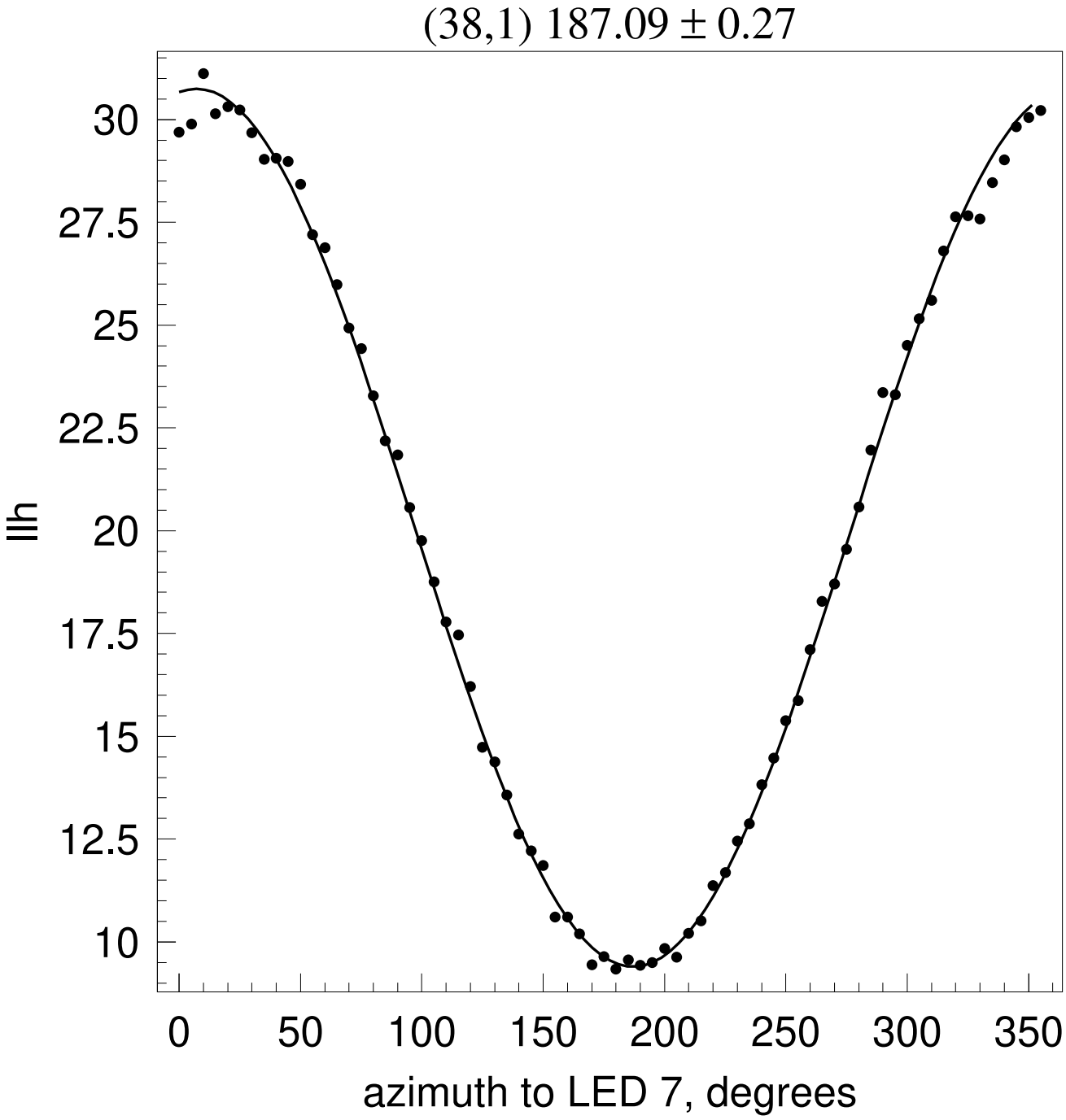

(37,56) 11.13 ± 0.47
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

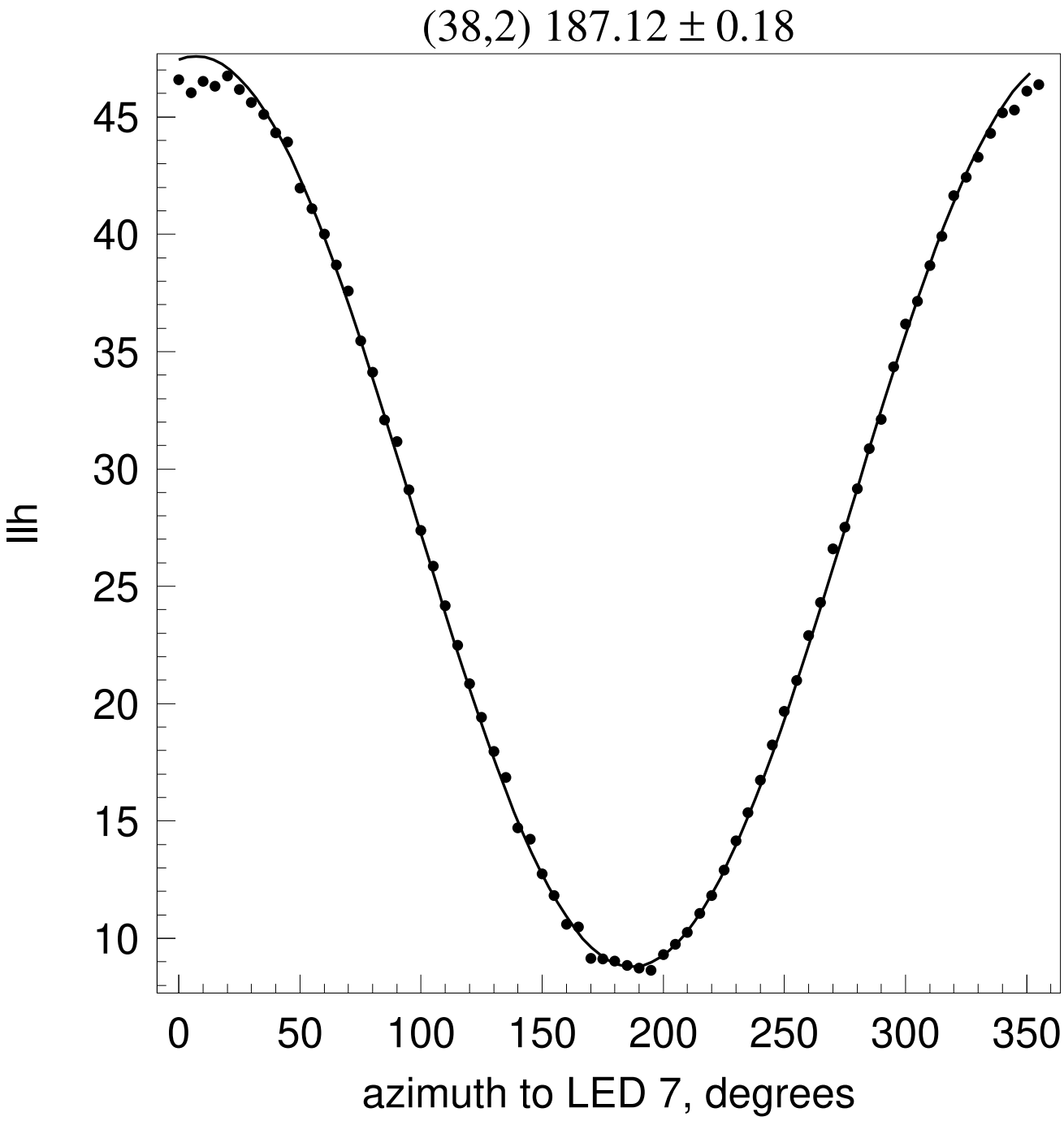

(37,57) 28.77 ± 0.58
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

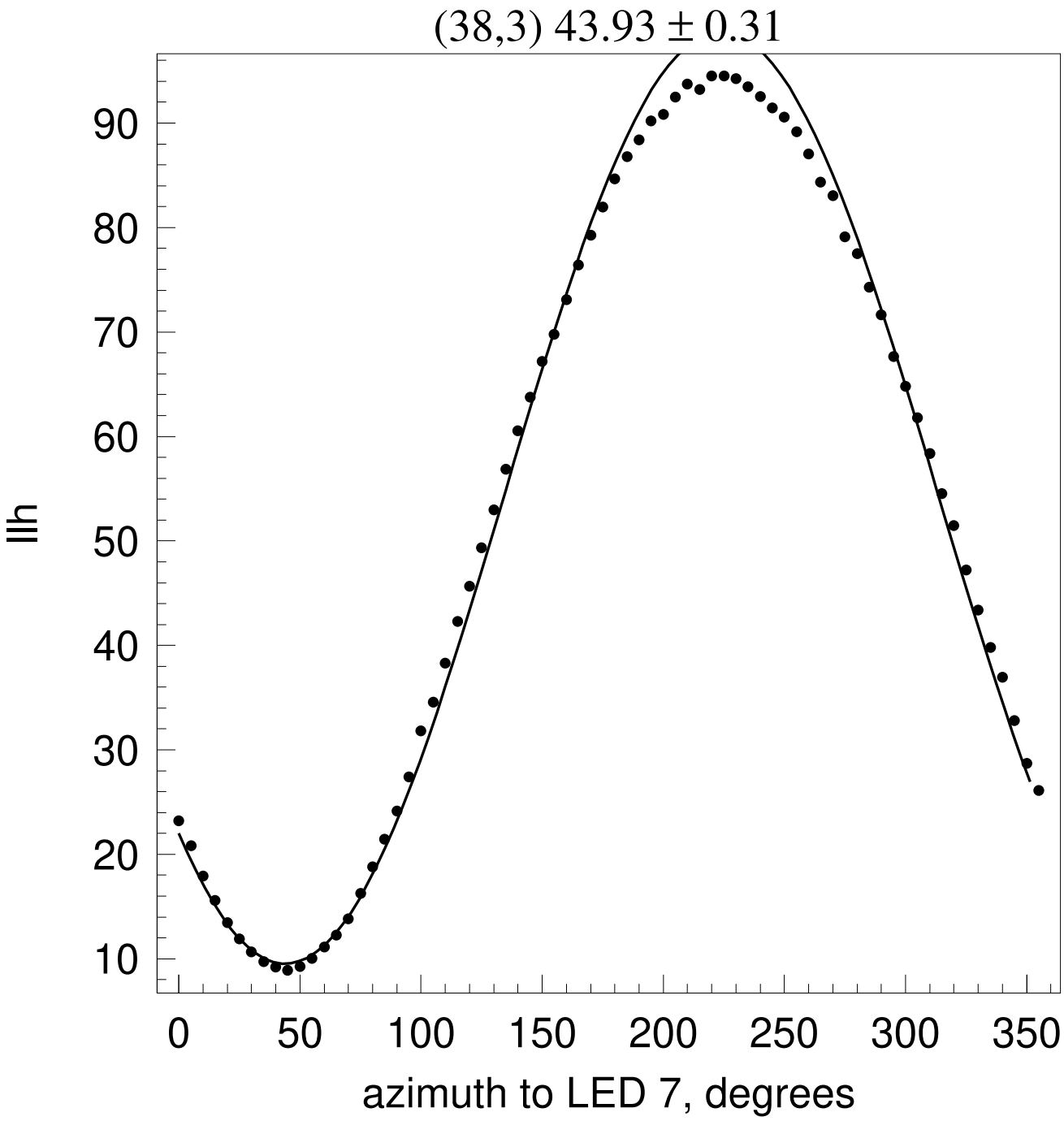

(37,58) 283.97 ± 0.73
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

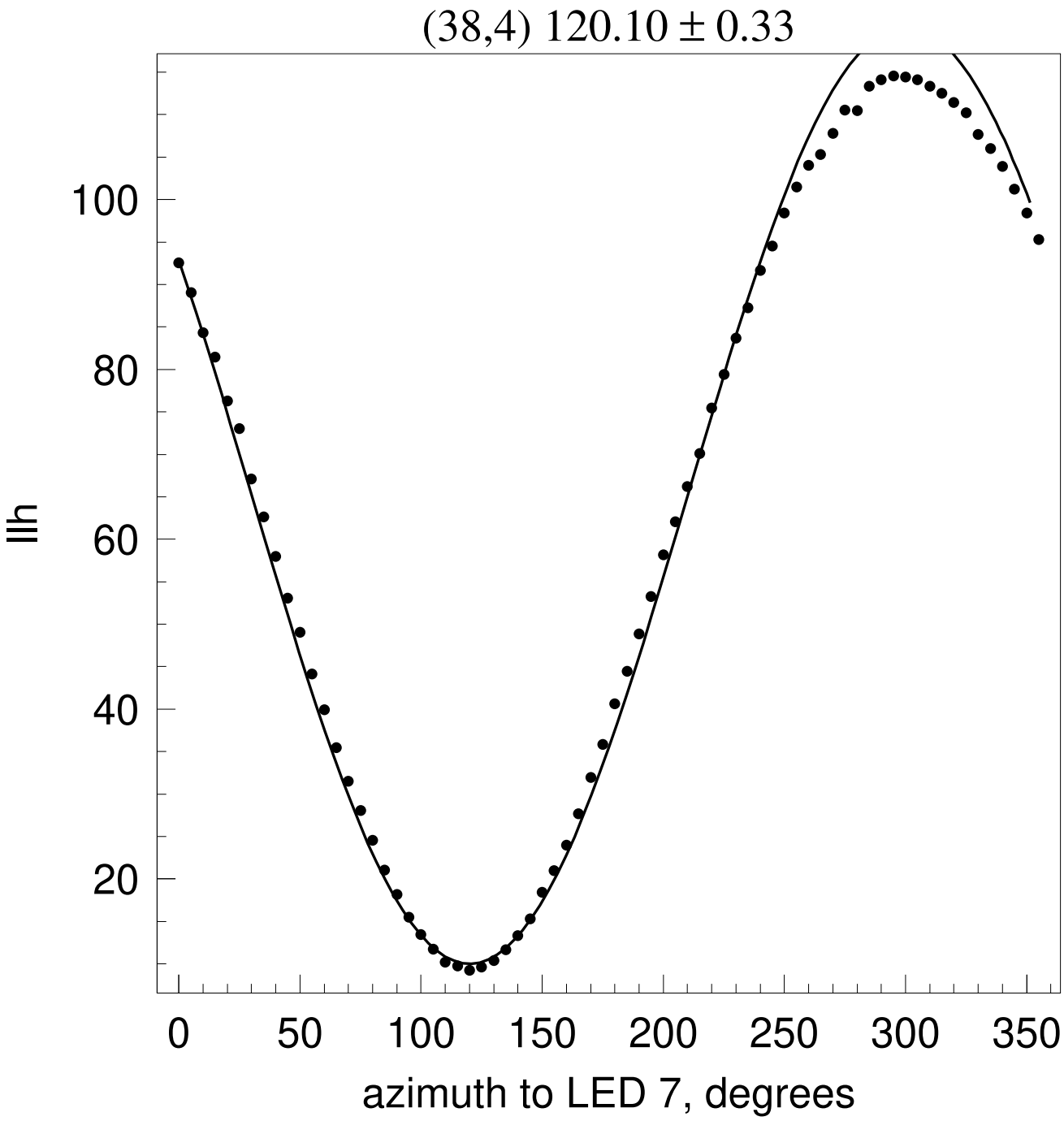

(37,59) 144.86 ± 0.78
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

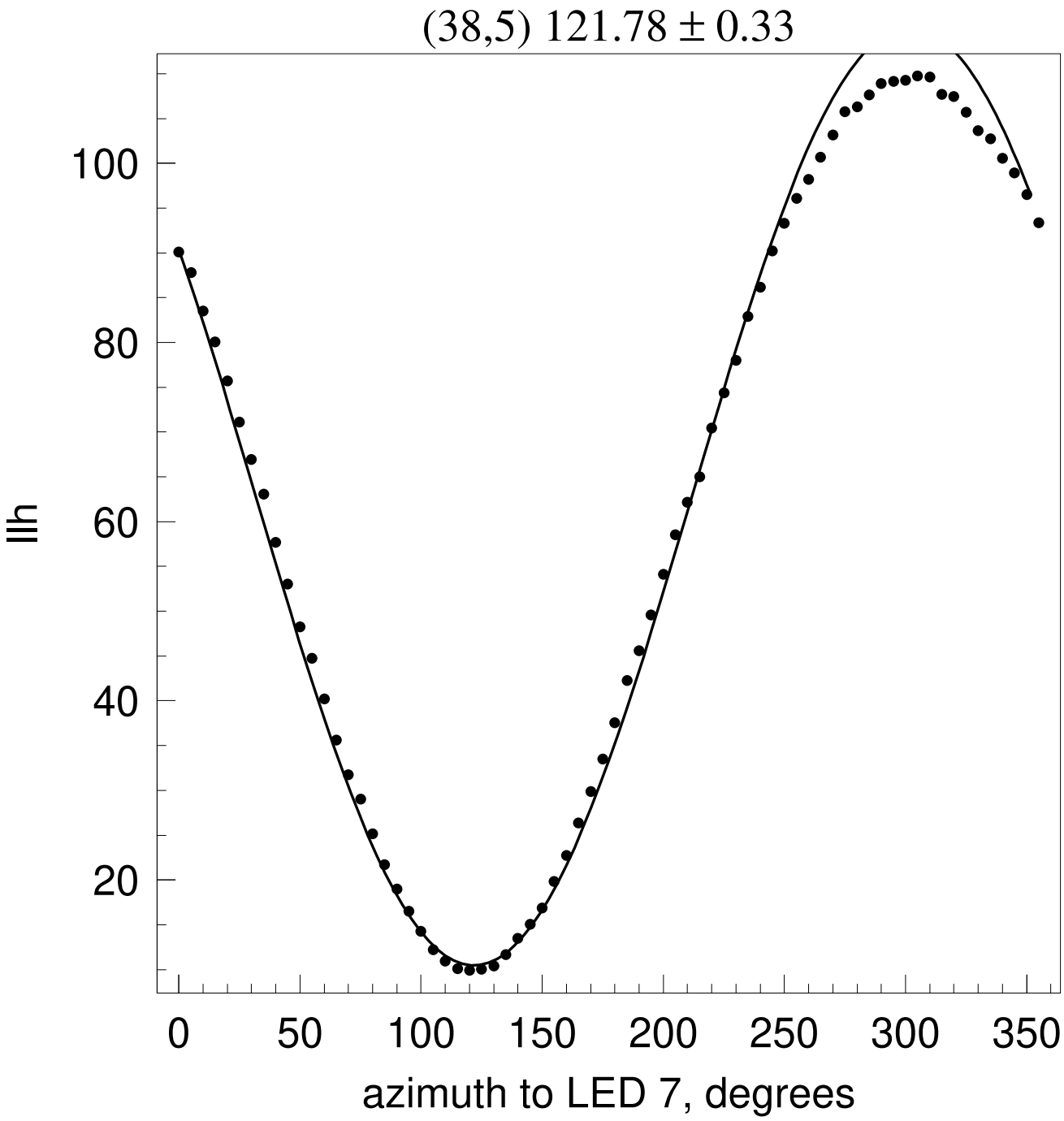

(37,60) 329.50 ± 0.78
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

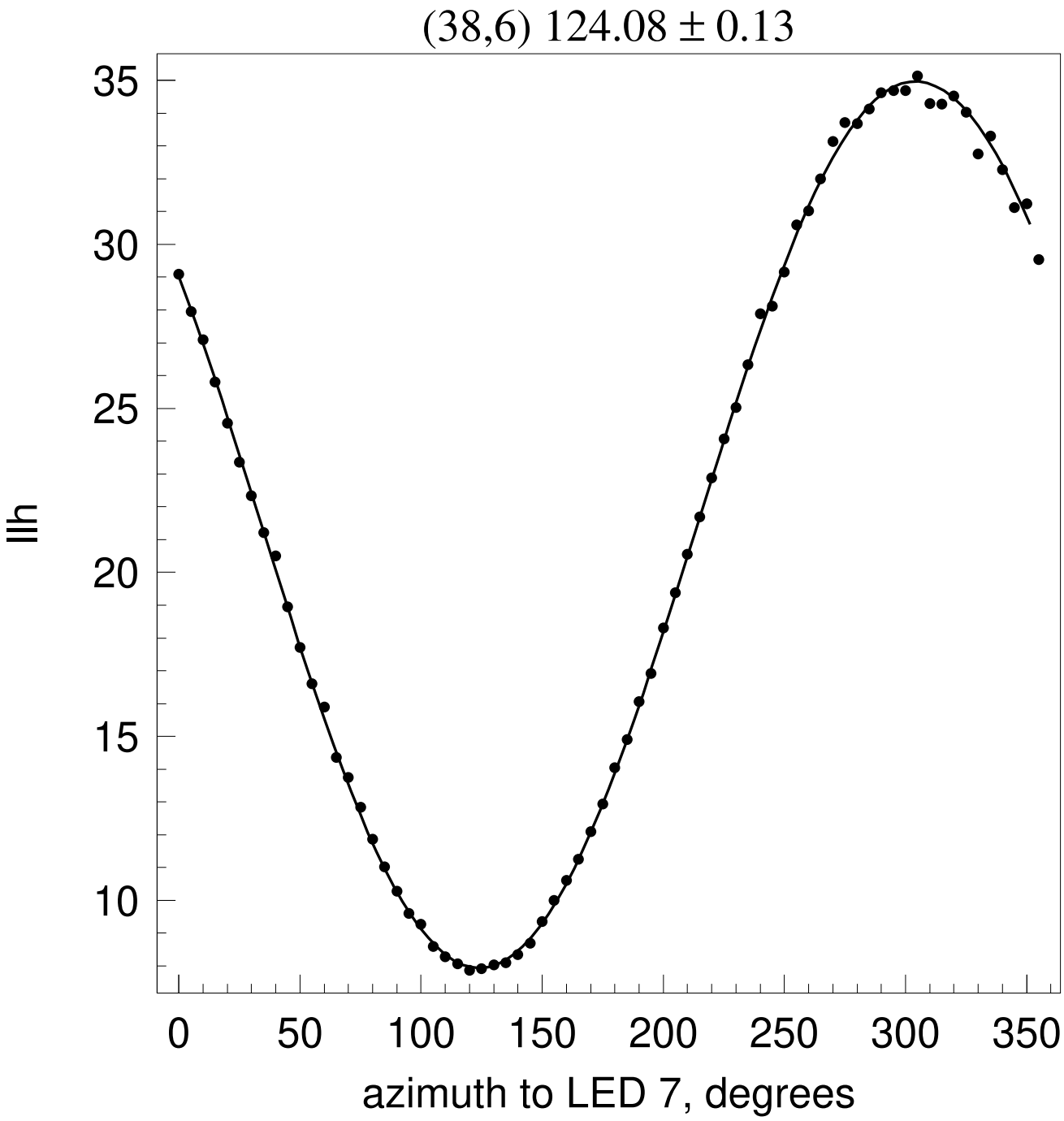

(38,1) 187.09 ± 0.27
30
27.5
25
22.5
20
17.5
15
12.5
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

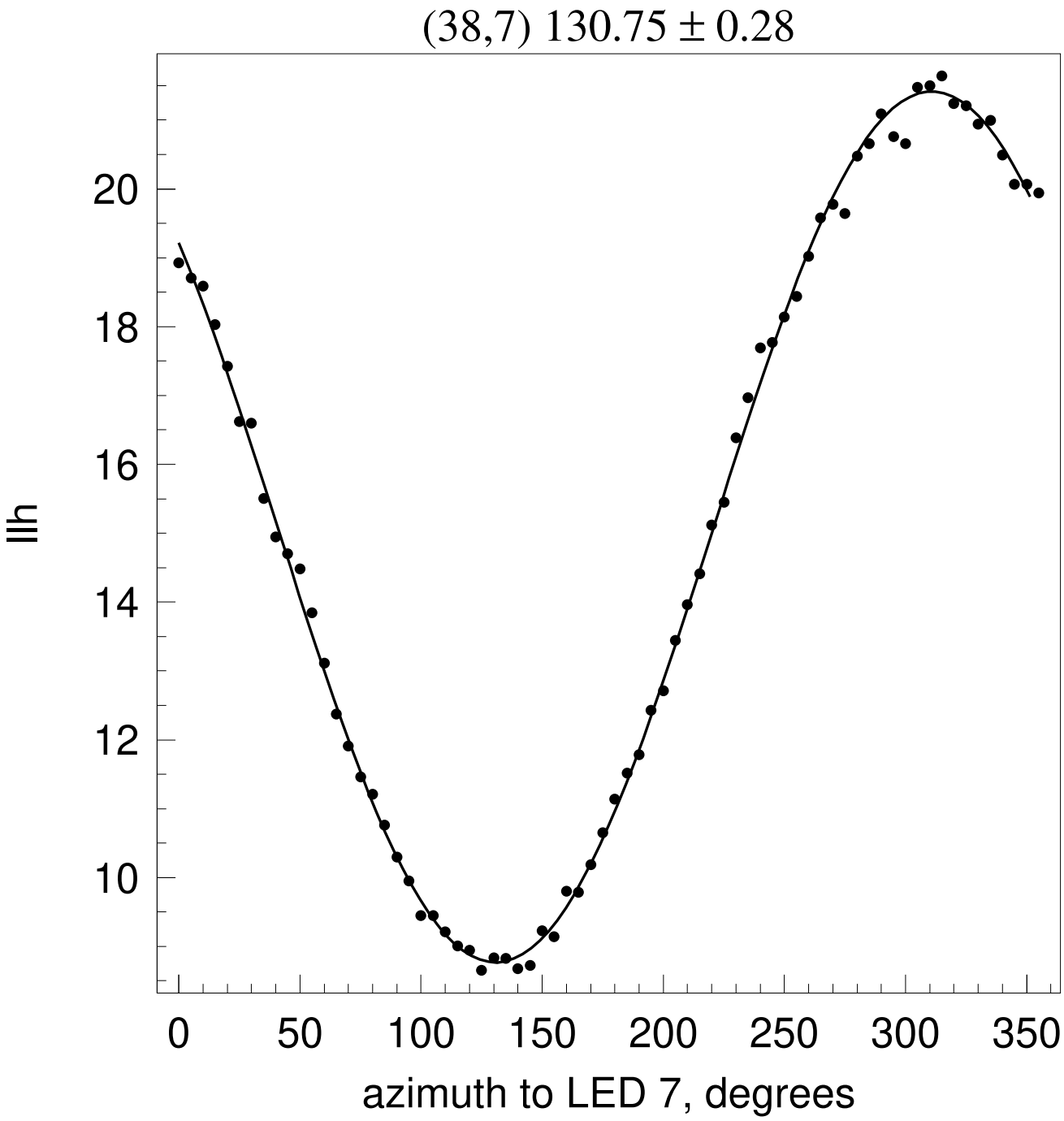

(38,2) 187.12 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

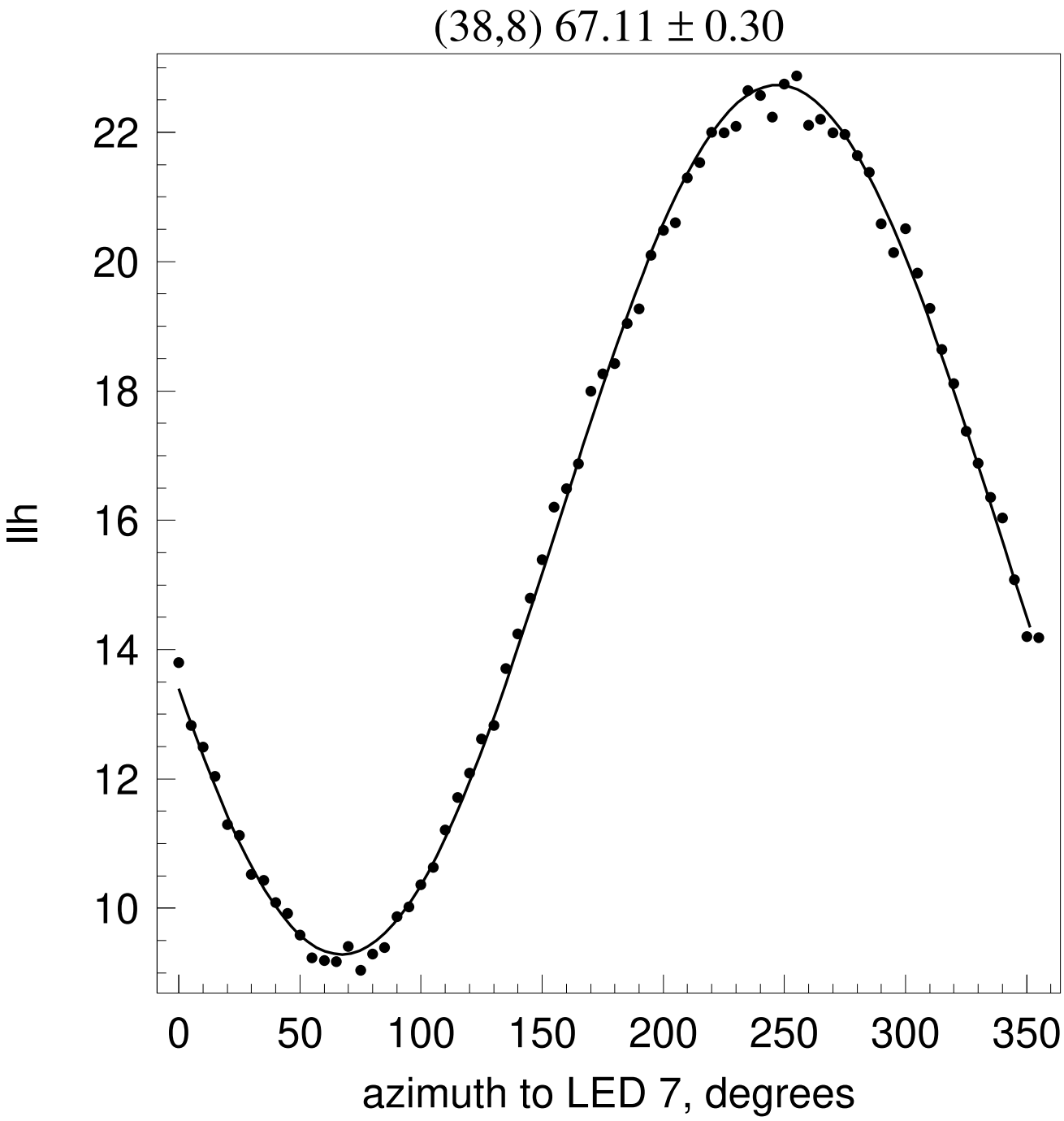

(38,3) 43.93 ± 0.31
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

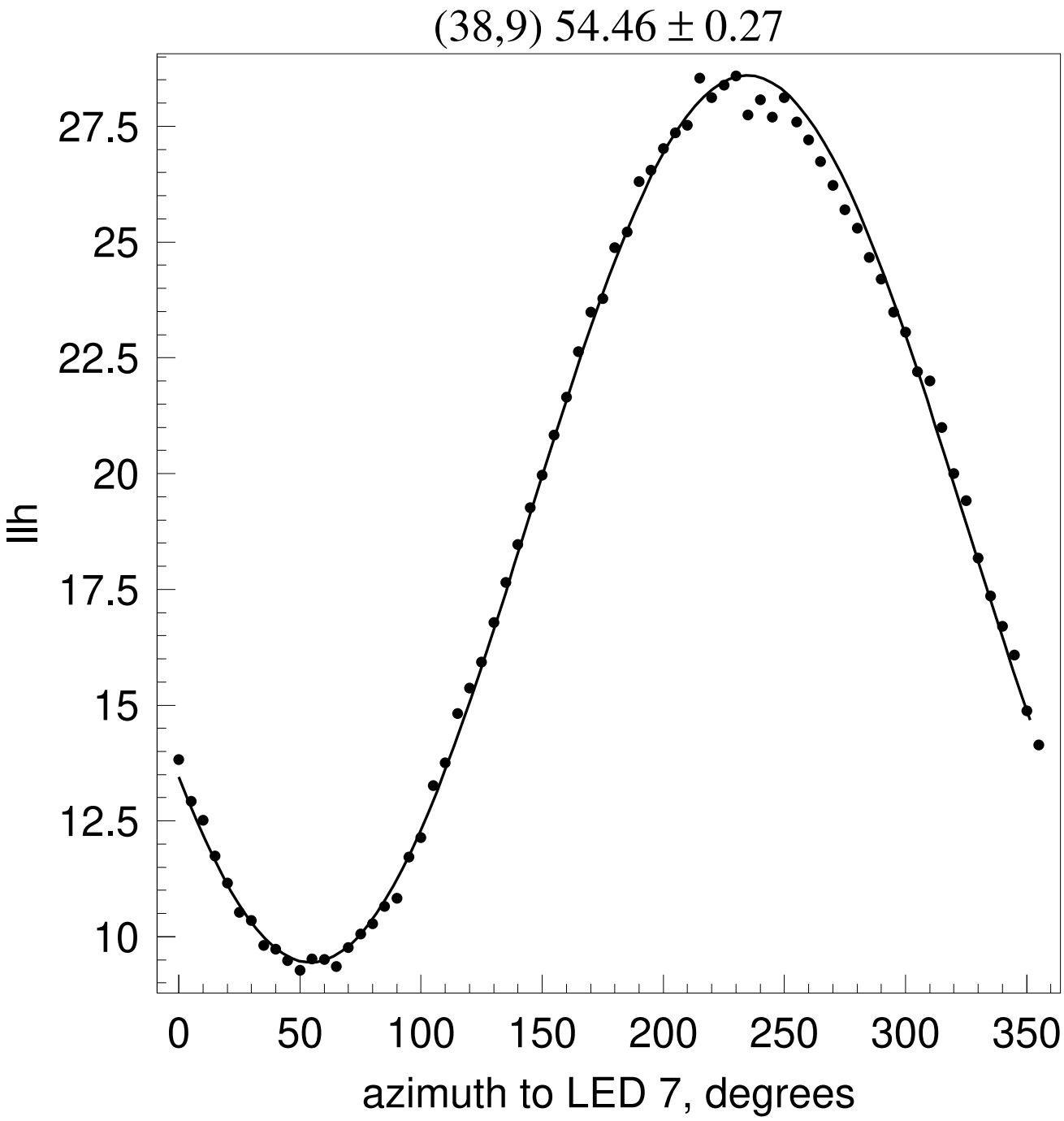

(38,4) 120.10 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

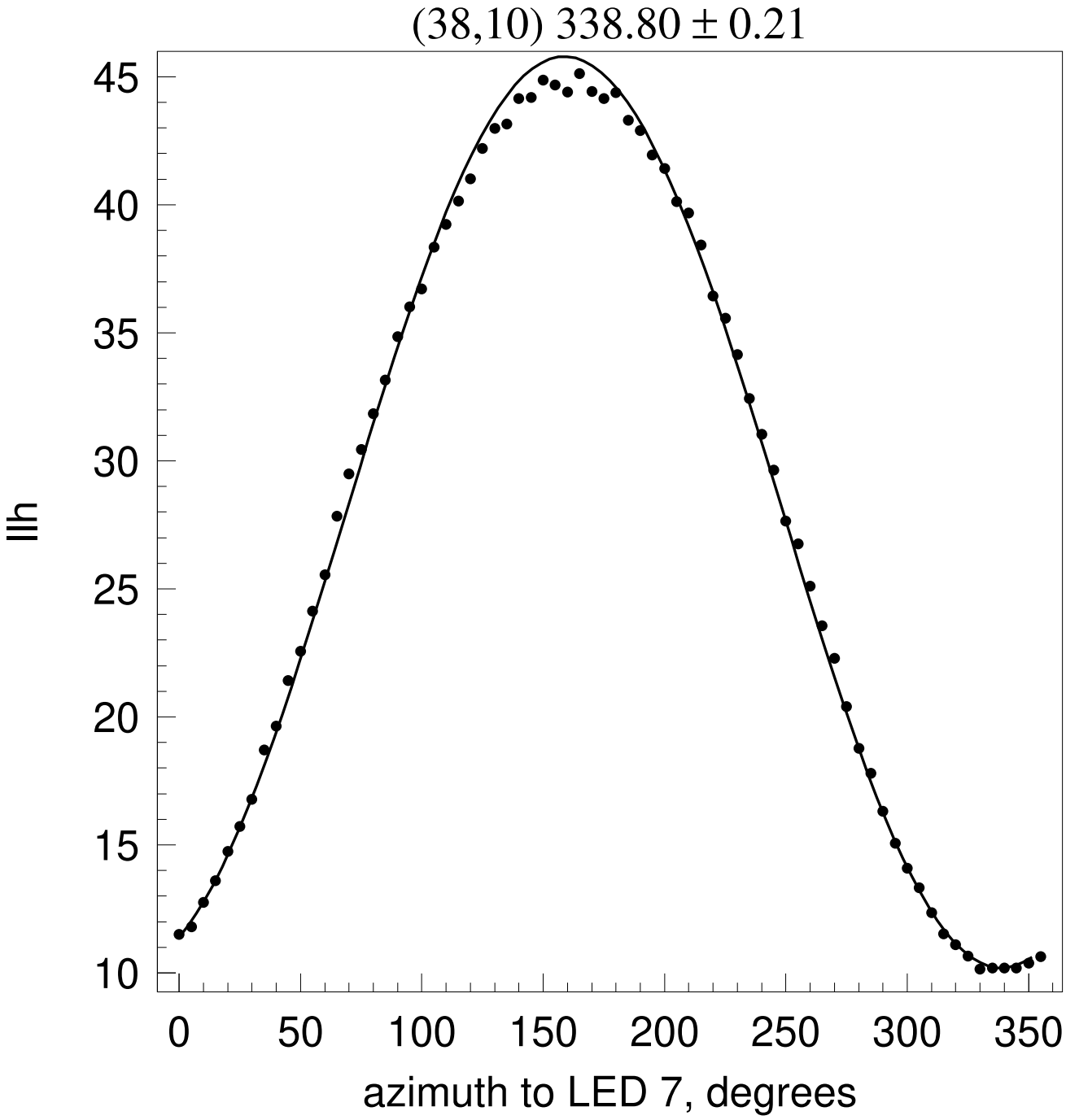

(38,5) 121.78 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

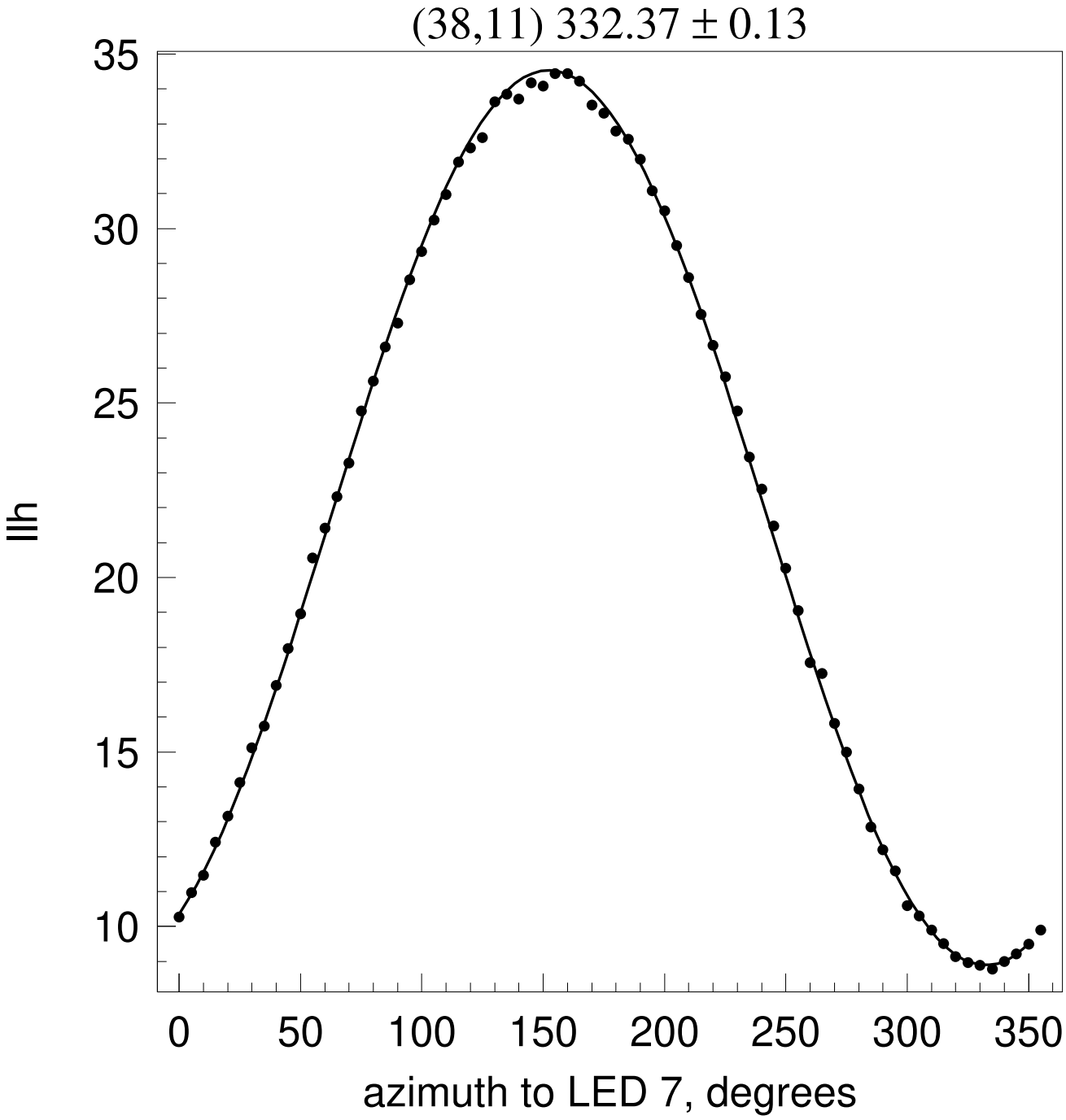

(38,6) 124.08 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

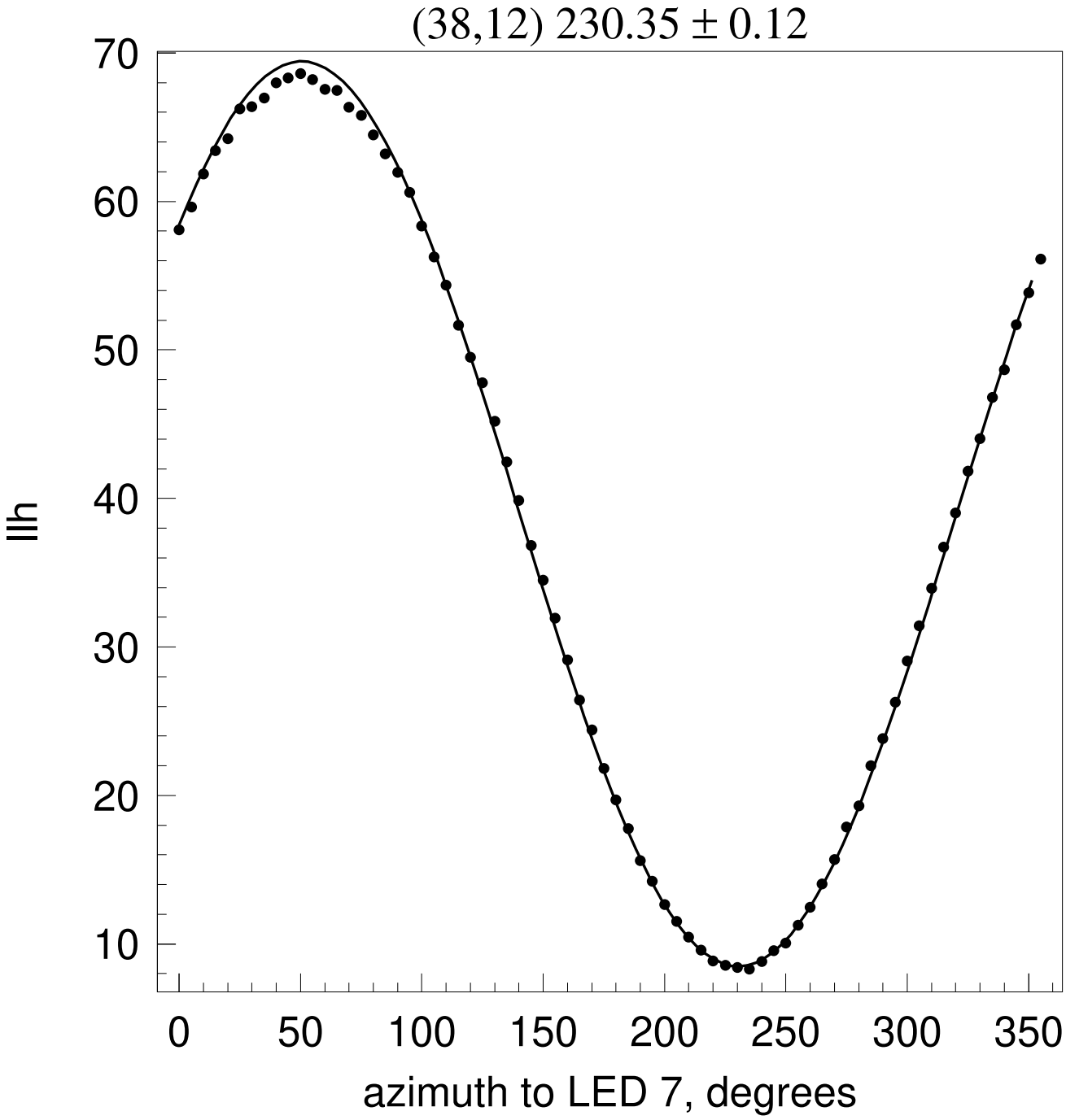

(38,7) 130.75 ± 0.28
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

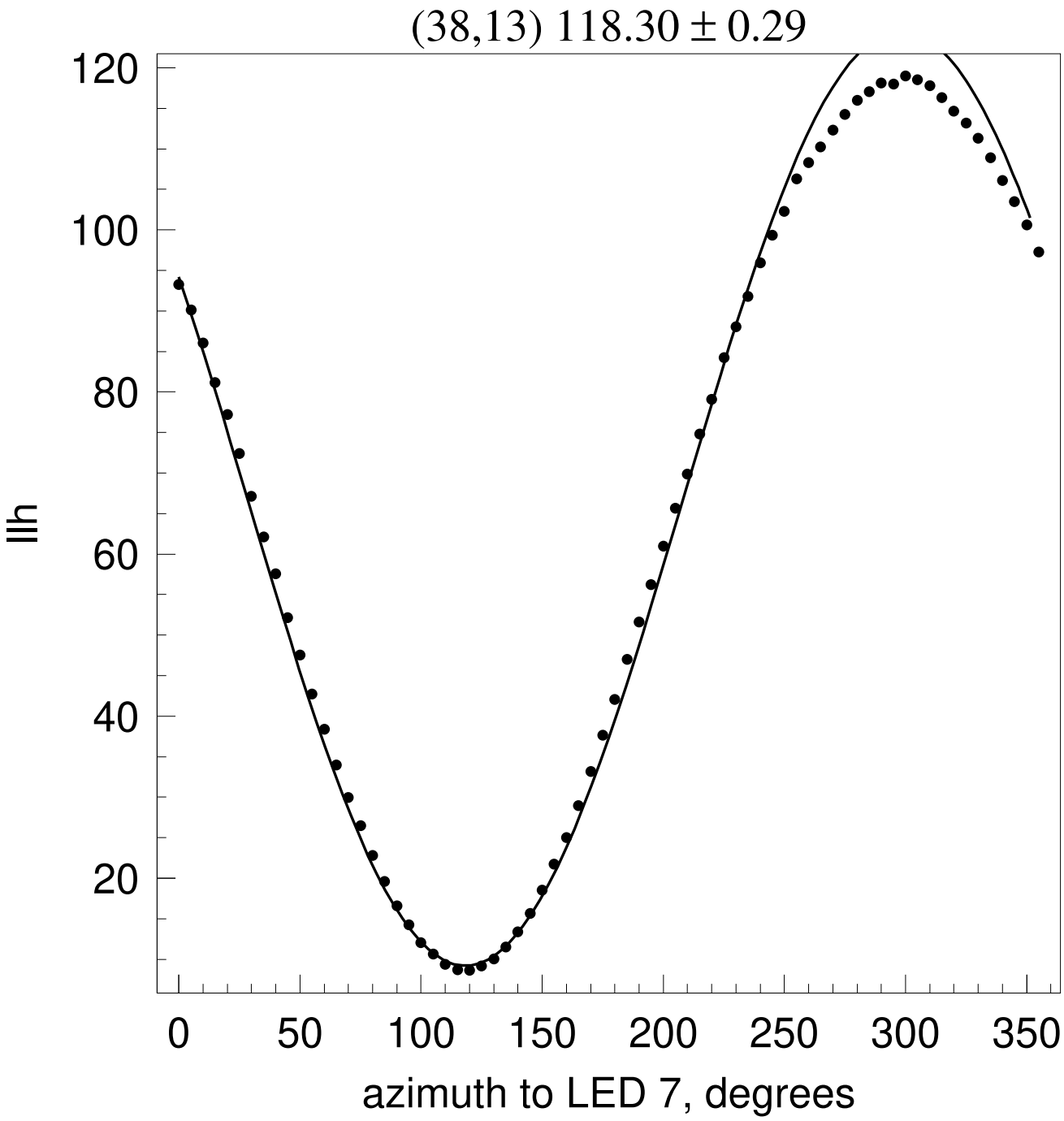

(38,8) 67.11 ± 0.30
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

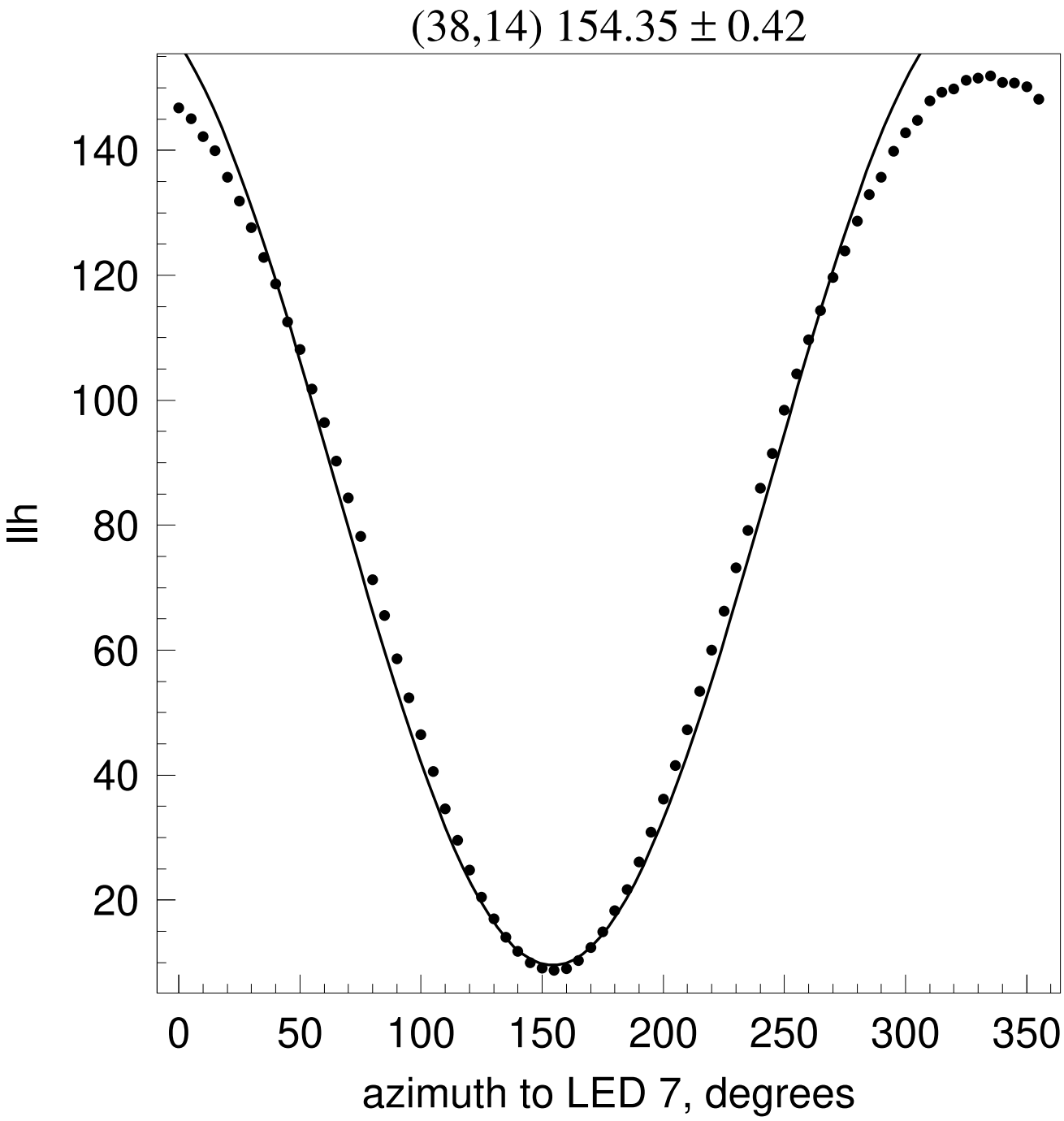

(38,9) 54.46 ± 0.27
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

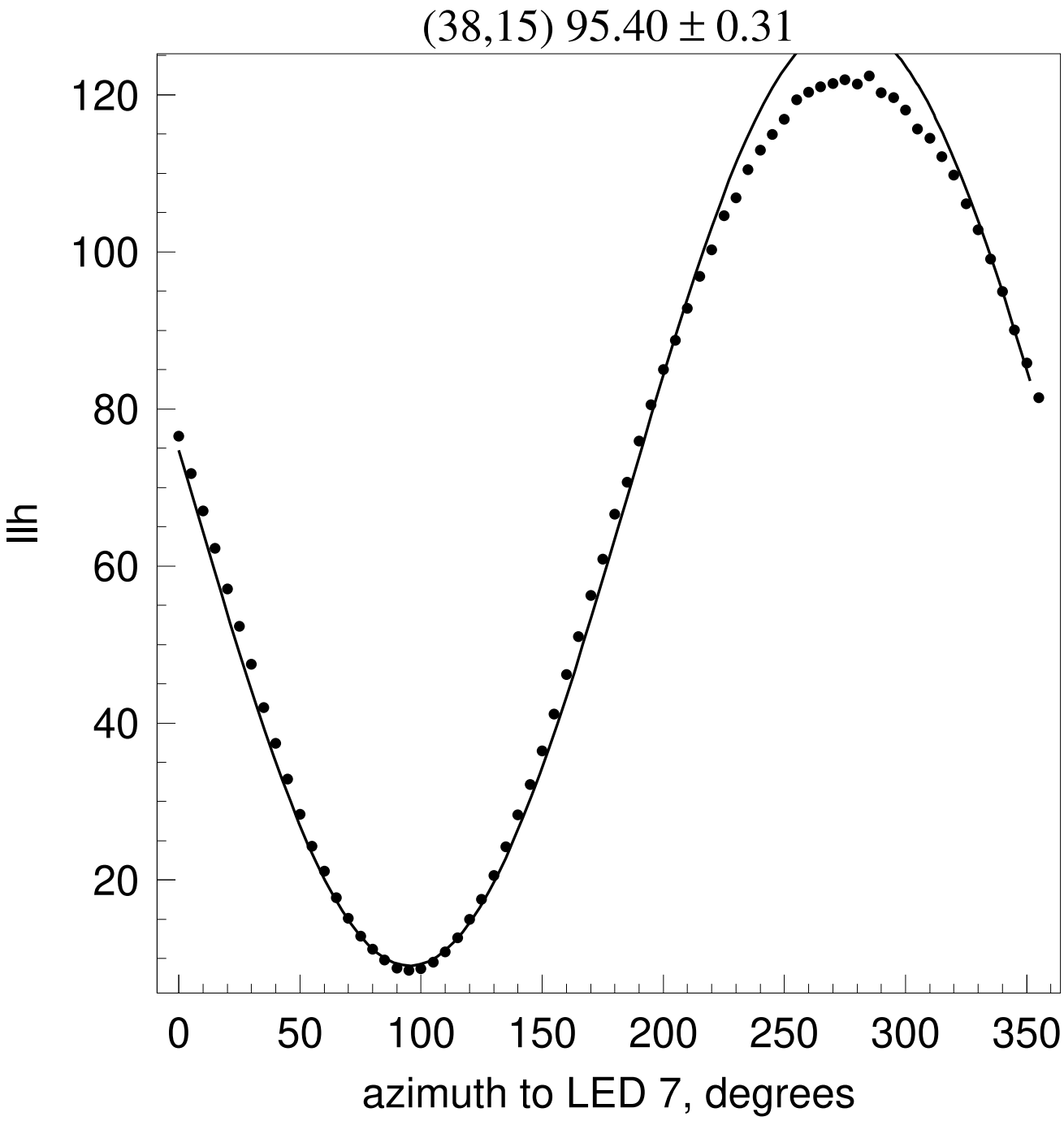

(38,10) 338.80 ± 0.21
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

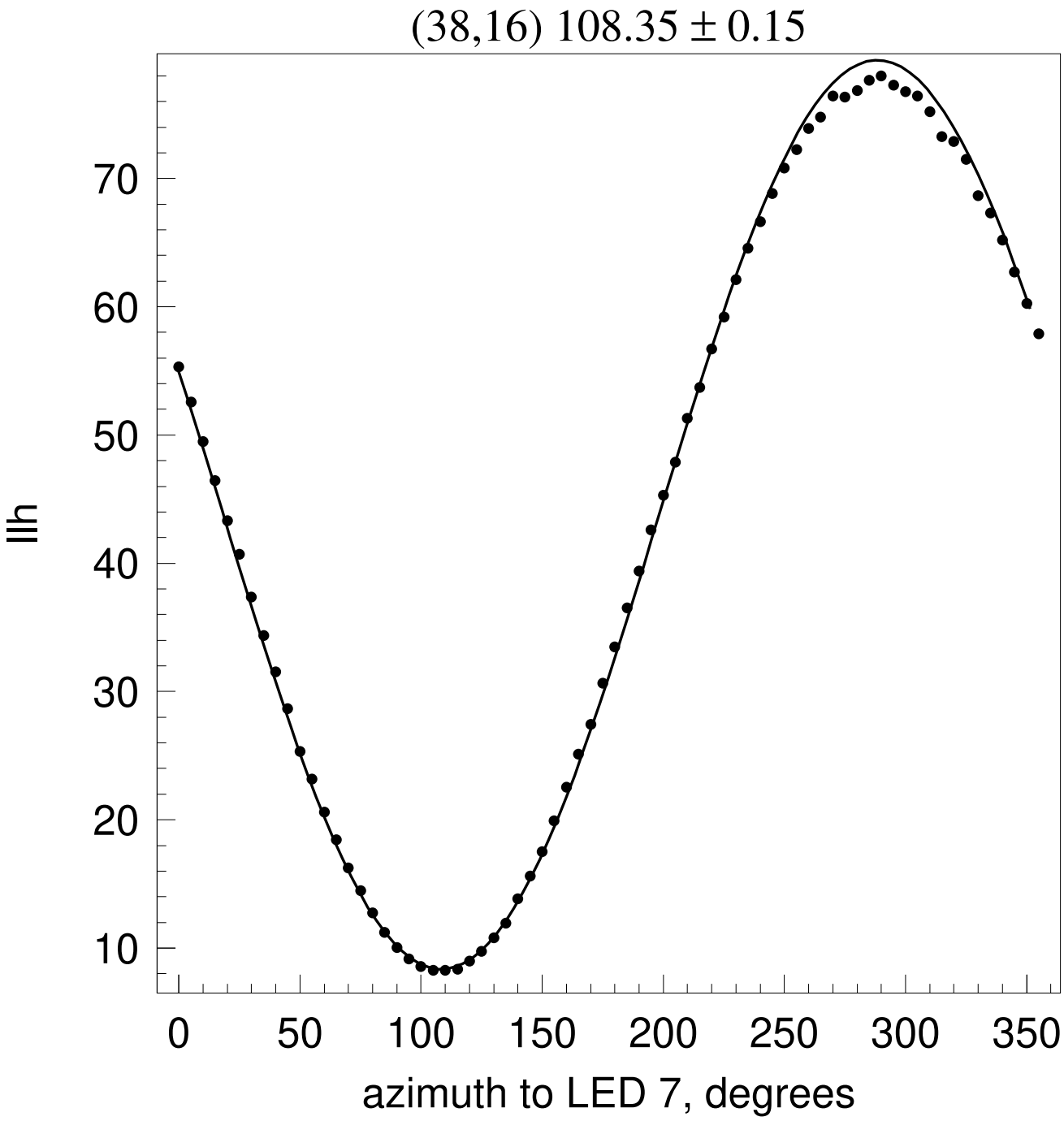

(38,11) 332.37 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

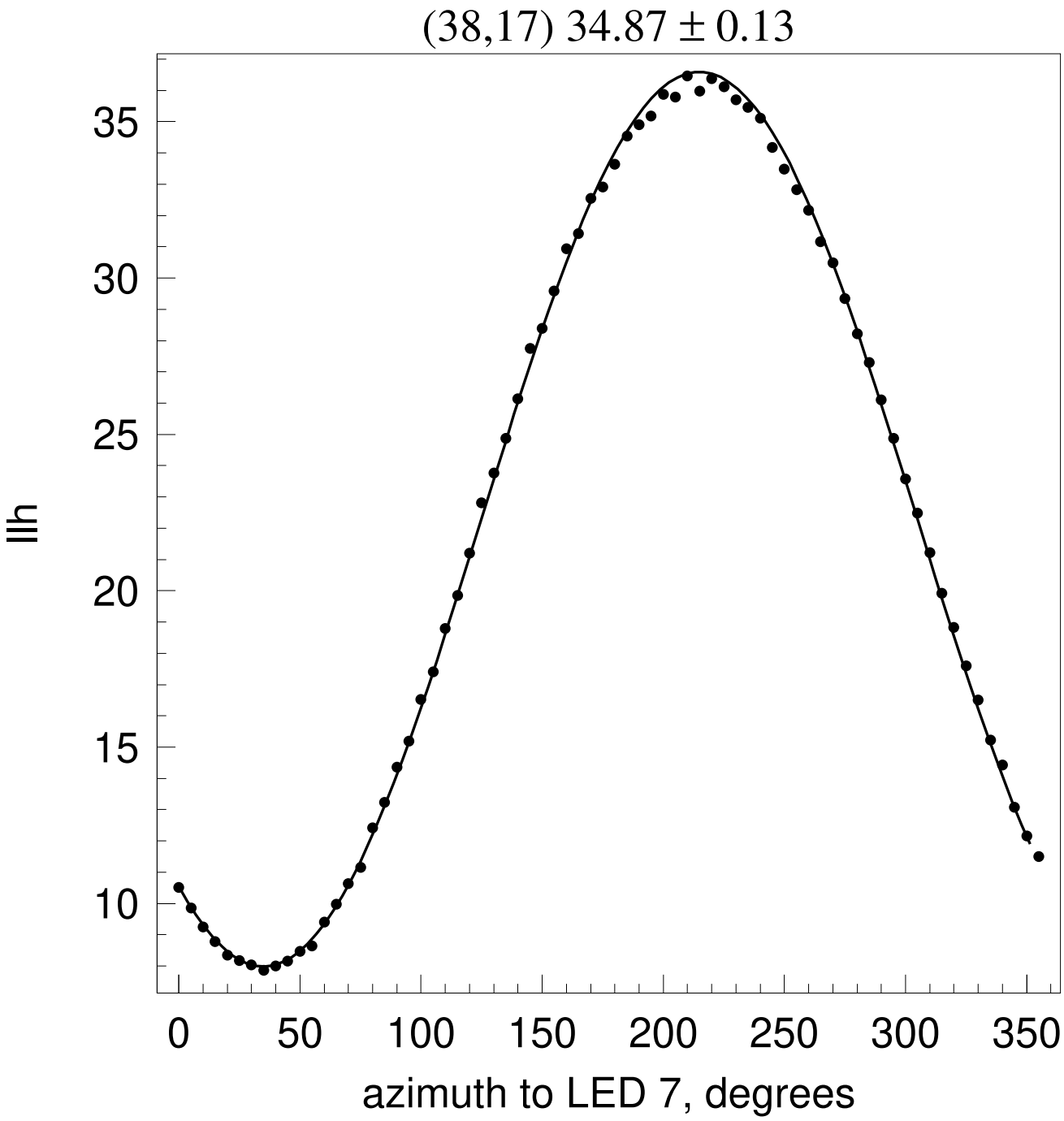

(38,12) 230.35 ± 0.12
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

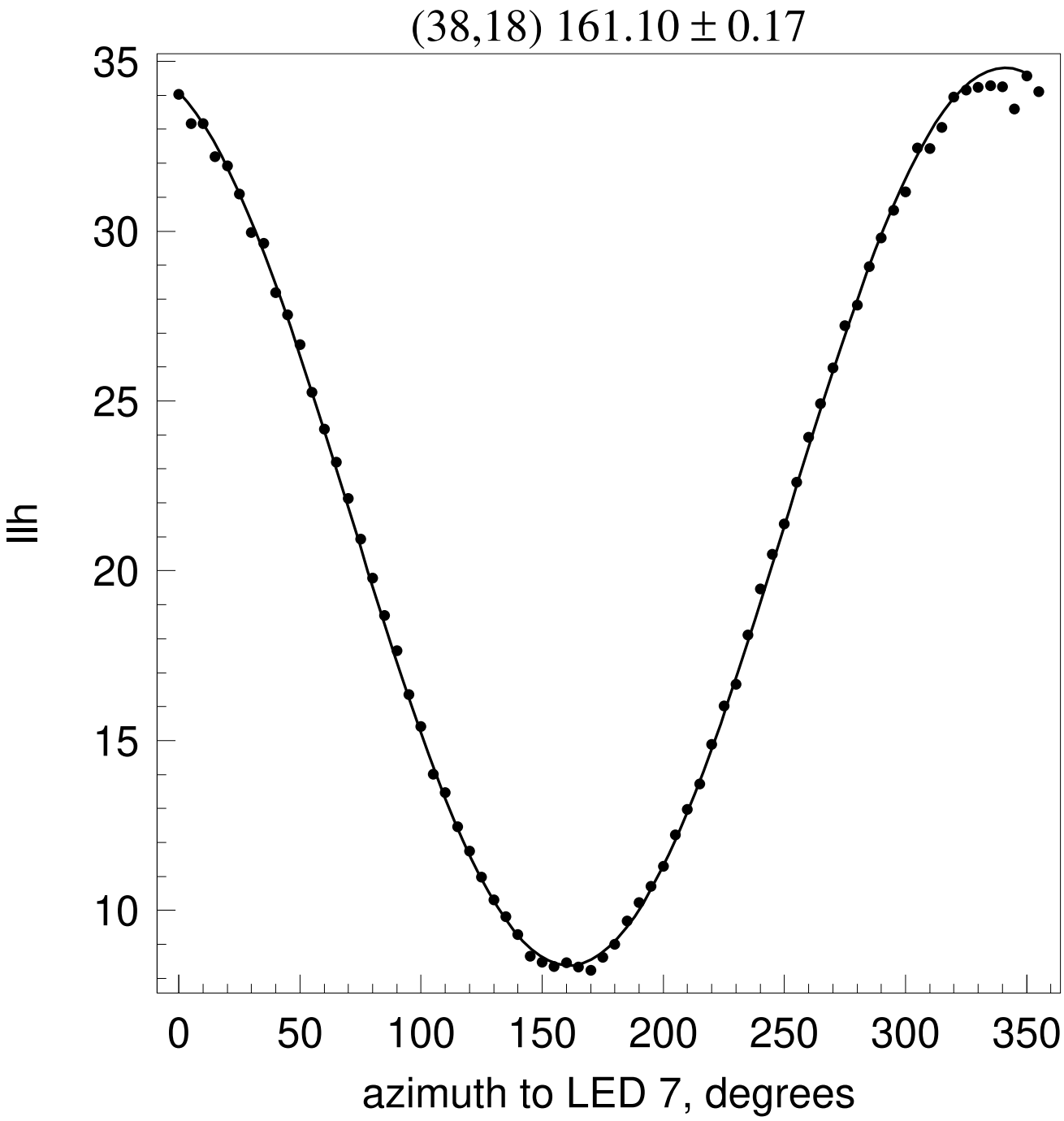

(38,13) 118.30 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

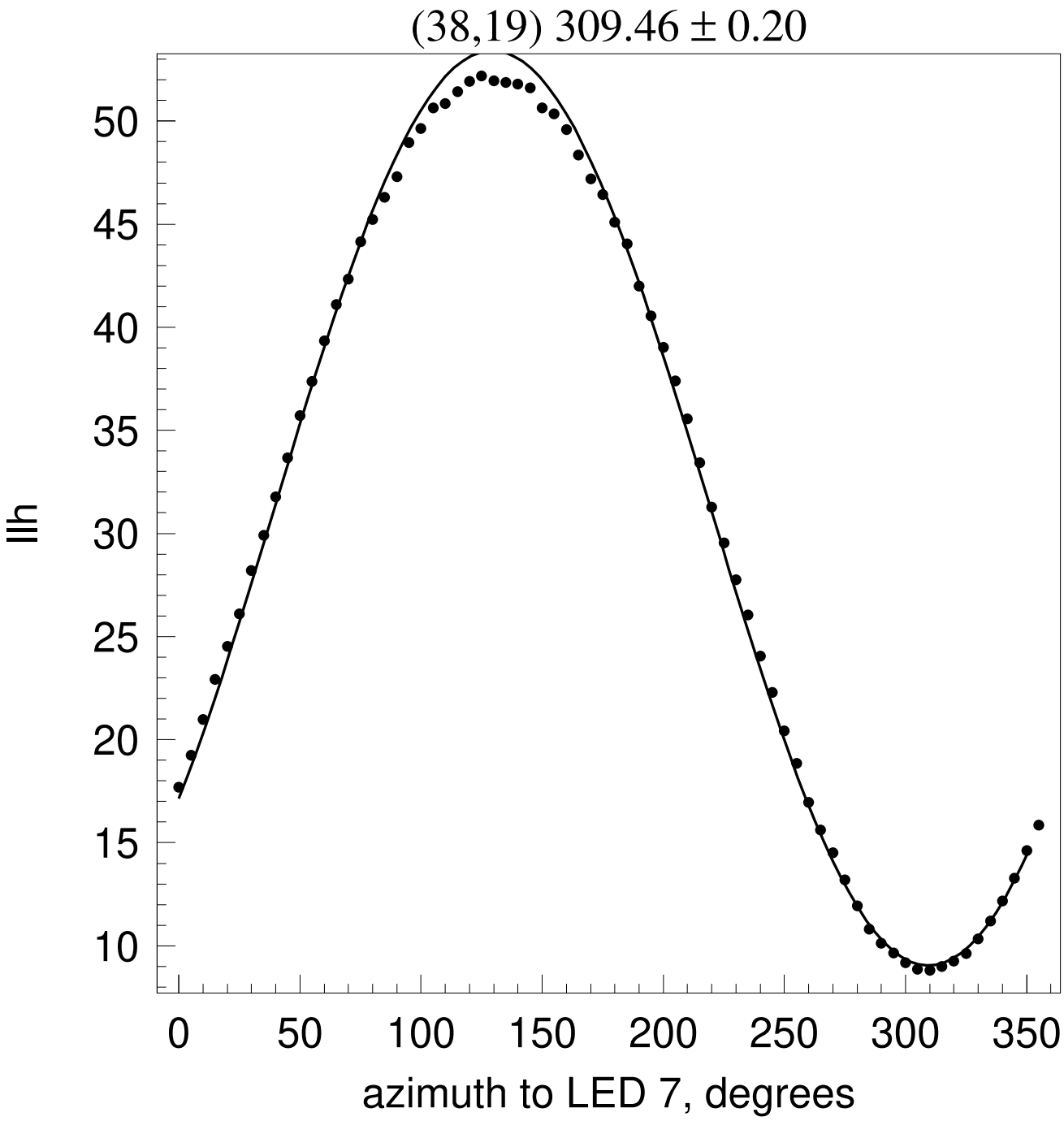

(38,14) 154.35 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

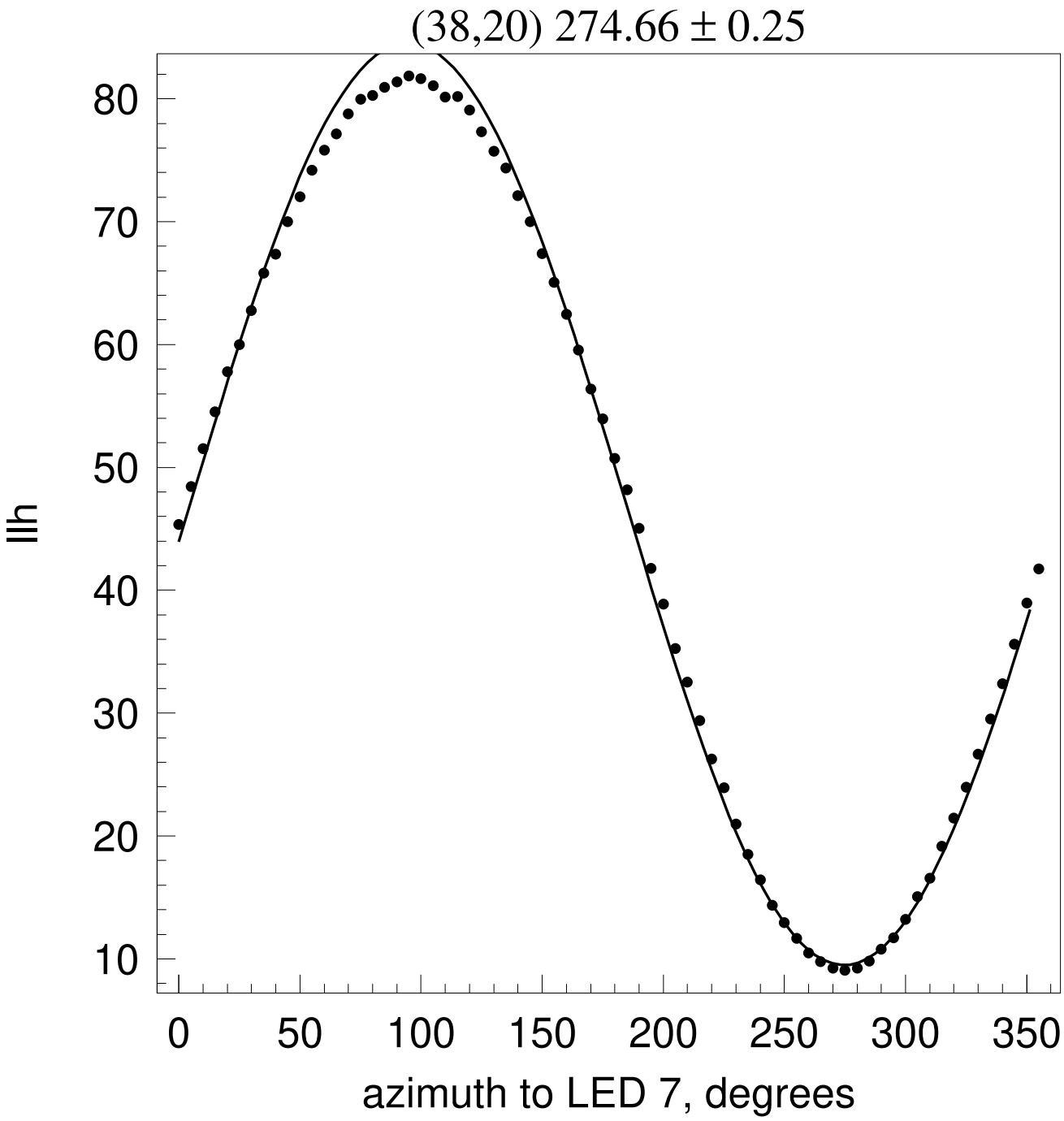

(38,15) 95.40 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

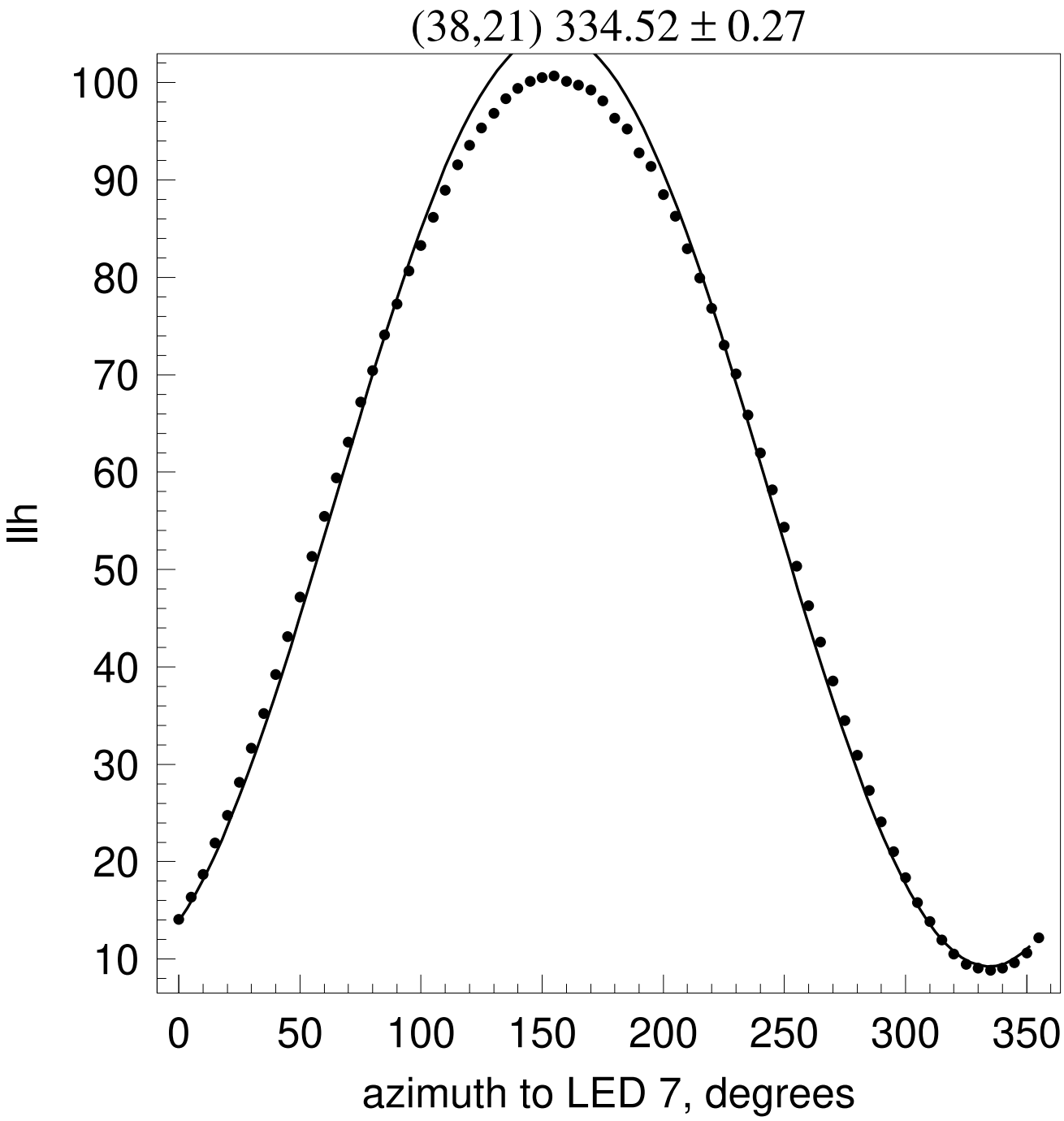

(38,16) 108.35 ± 0.15
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

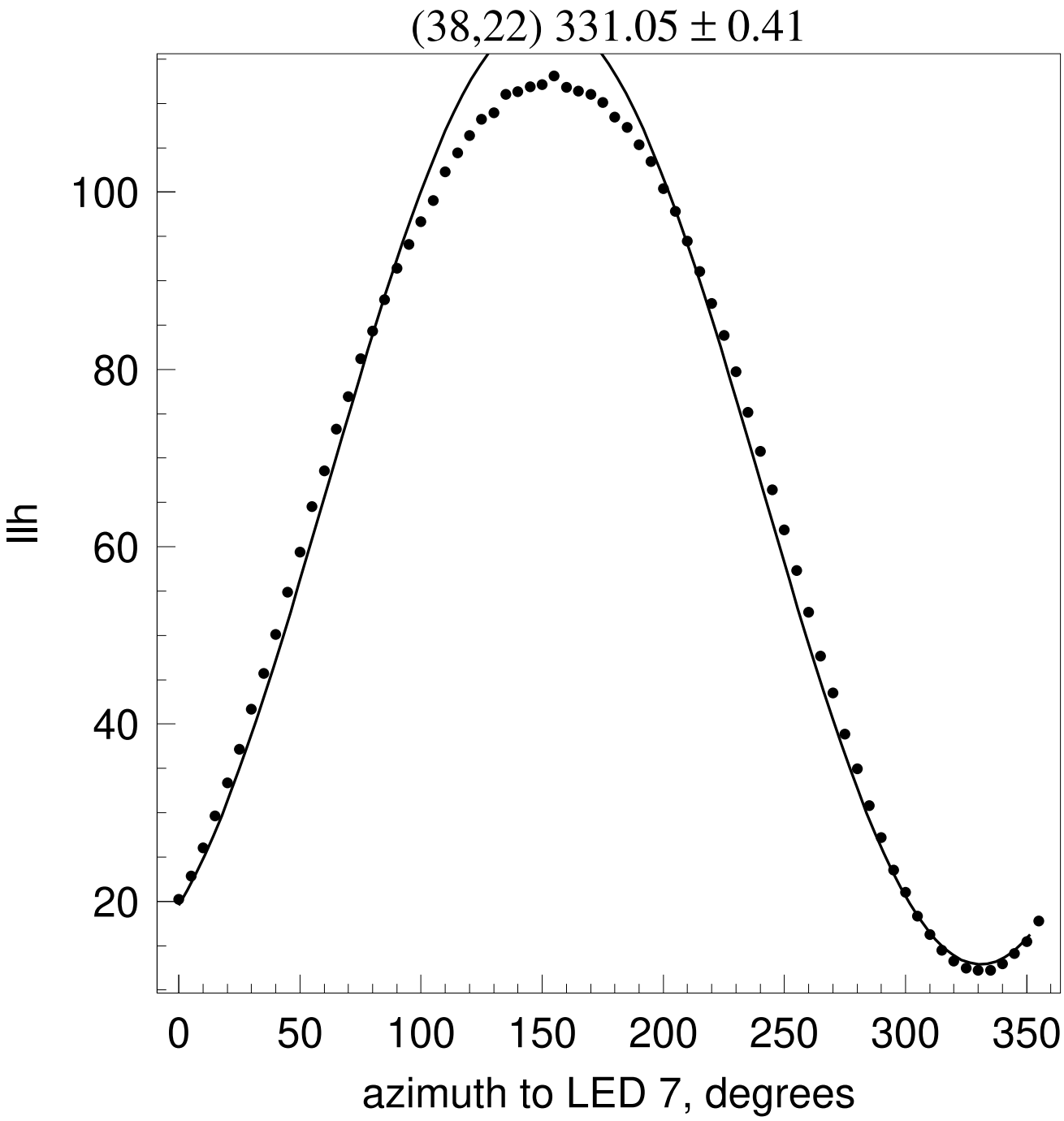

(38,17) 34.87 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

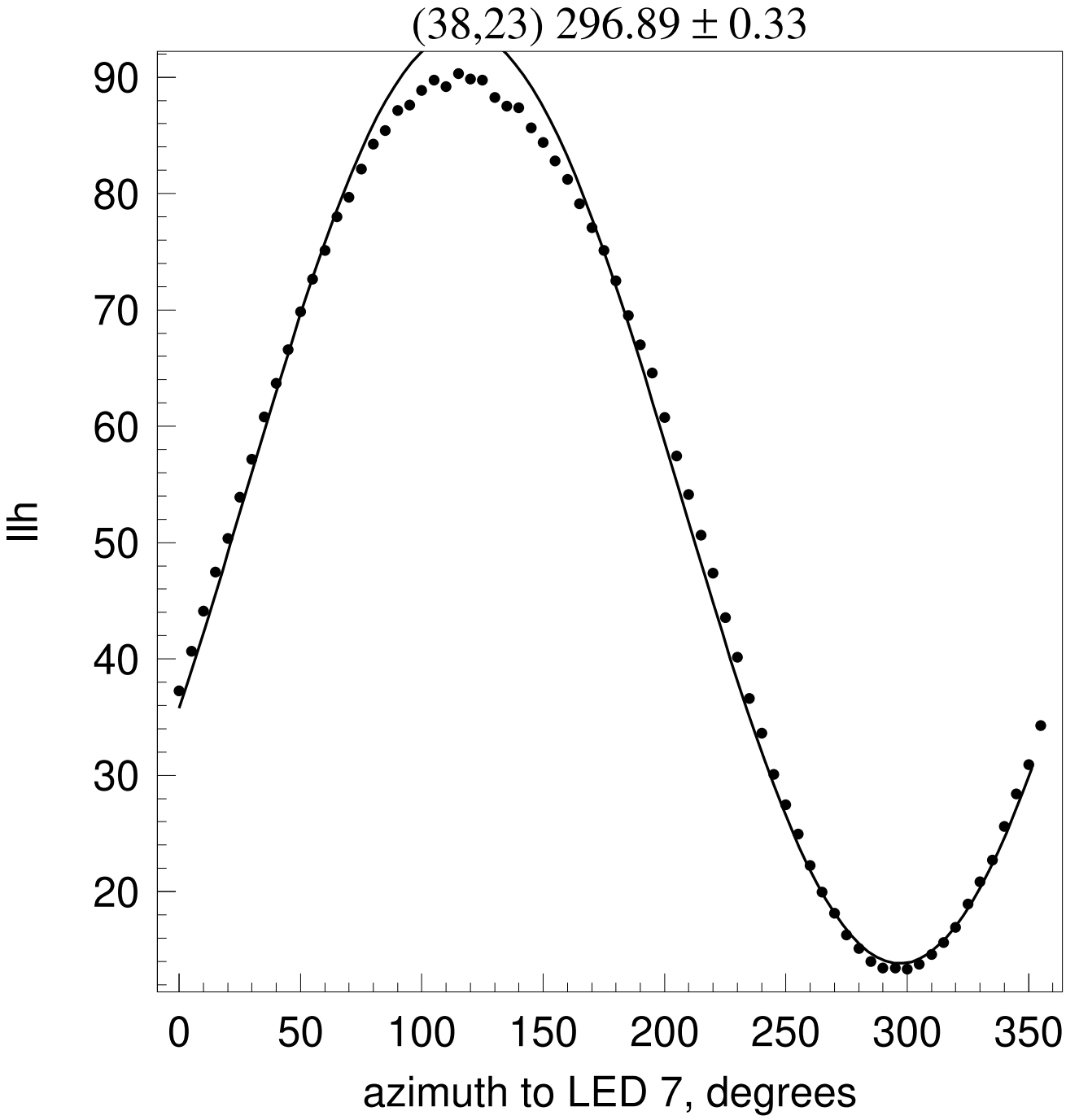

(38,18) 161.10 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

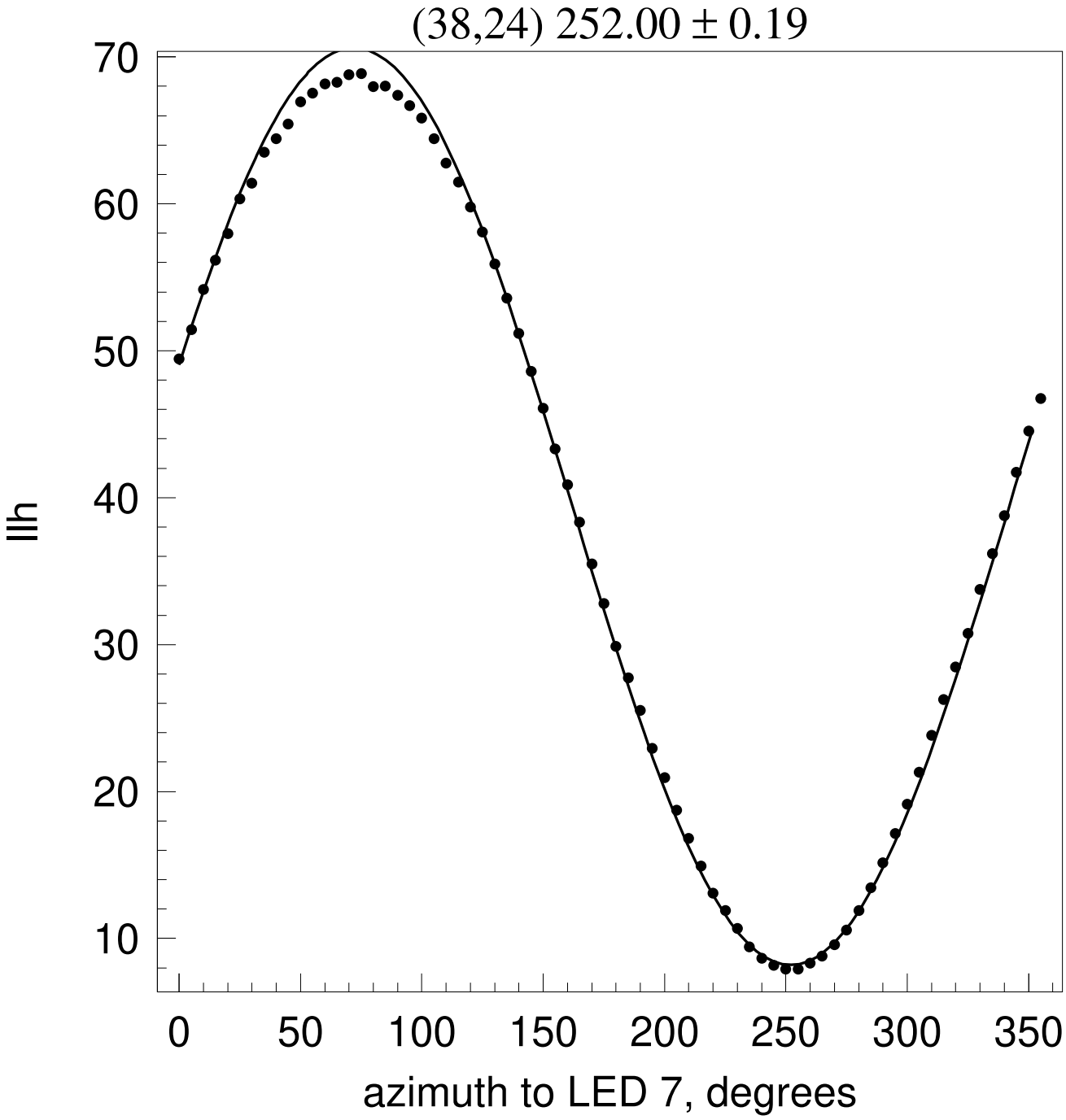

(38,19) 309.46 ± 0.20
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

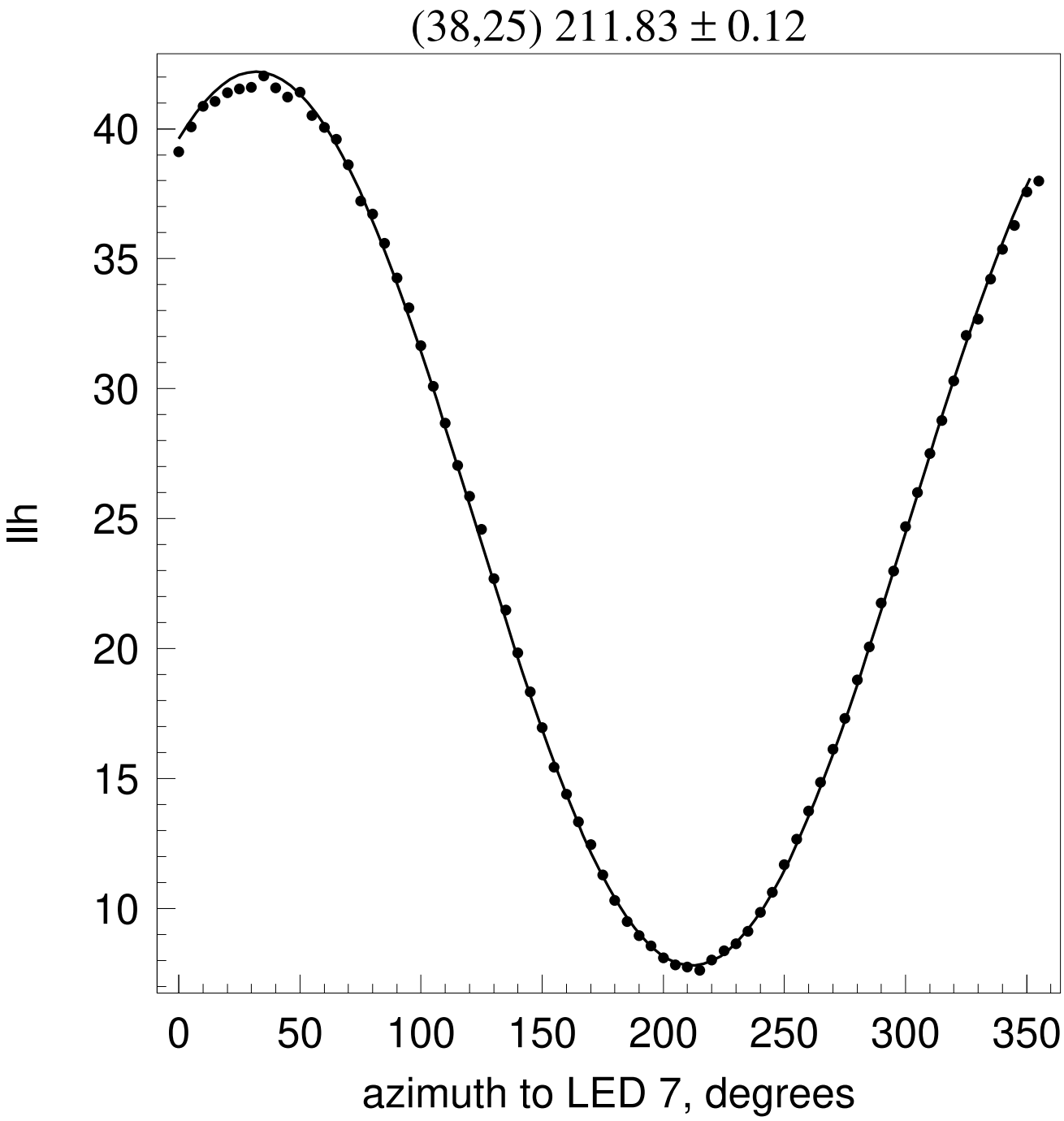

(38,20) 274.66 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

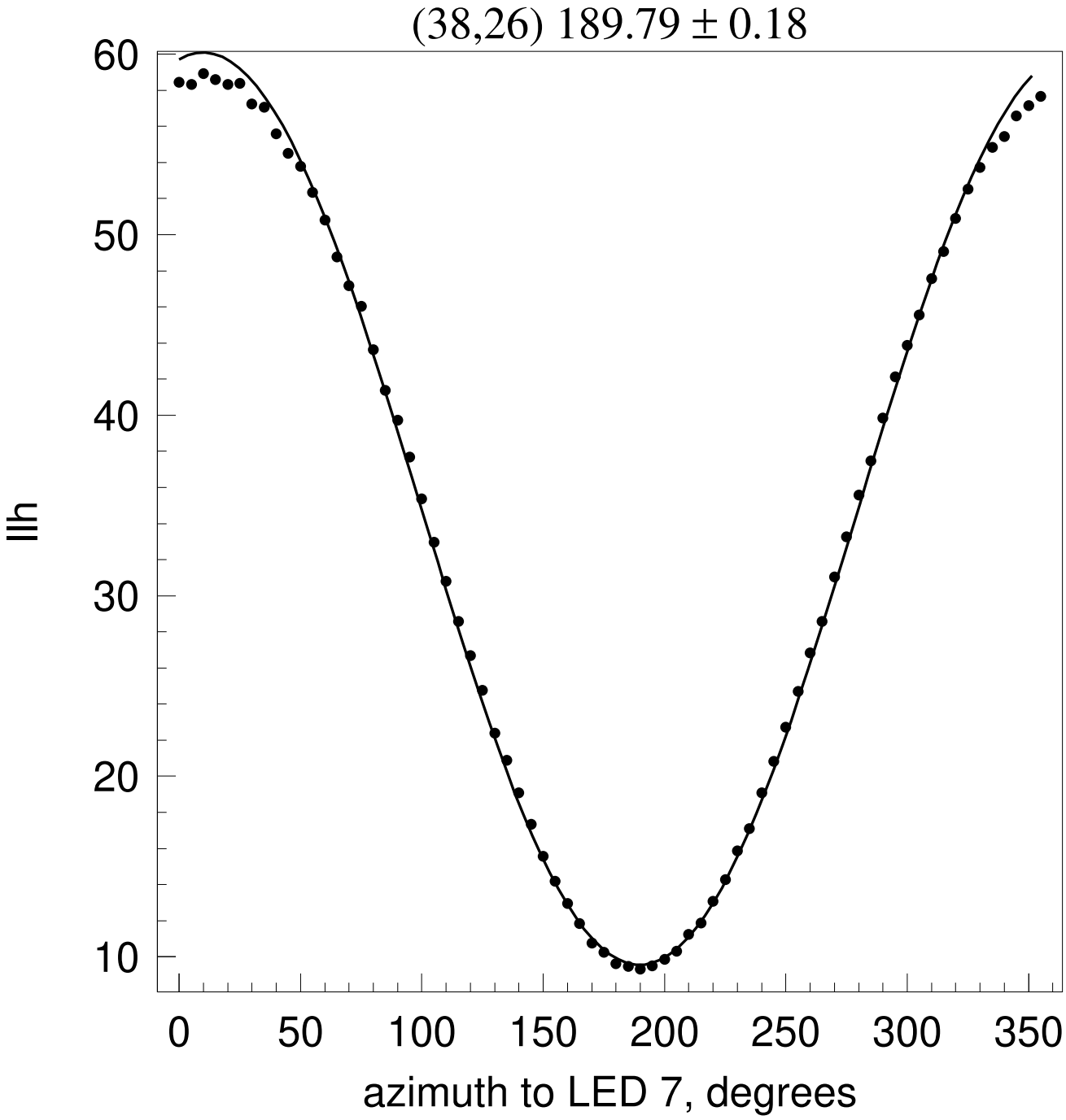

(38,21) 334.52 ± 0.27
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

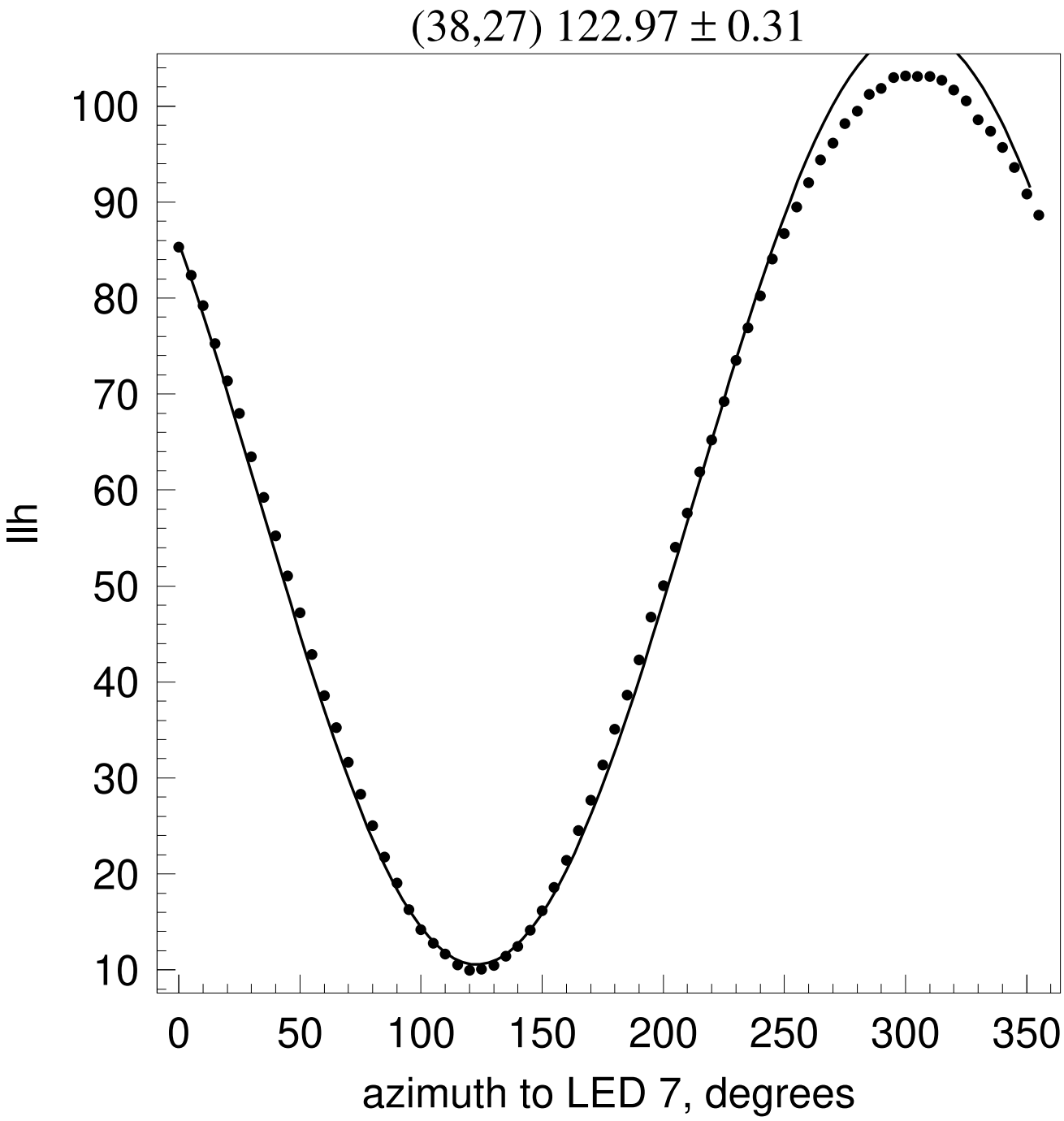

(38,22) 331.05 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

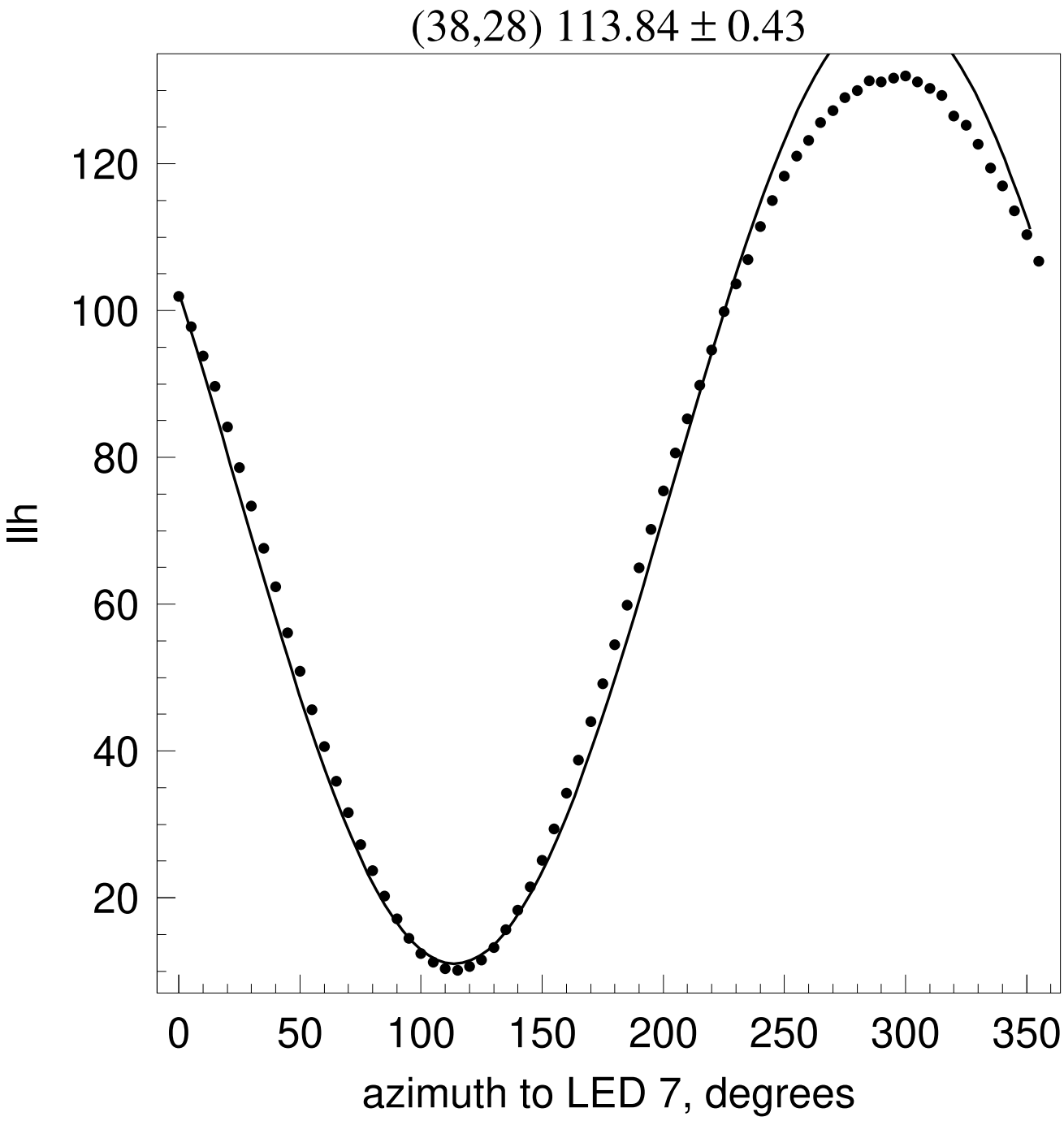

(38,23) 296.89 ± 0.33
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

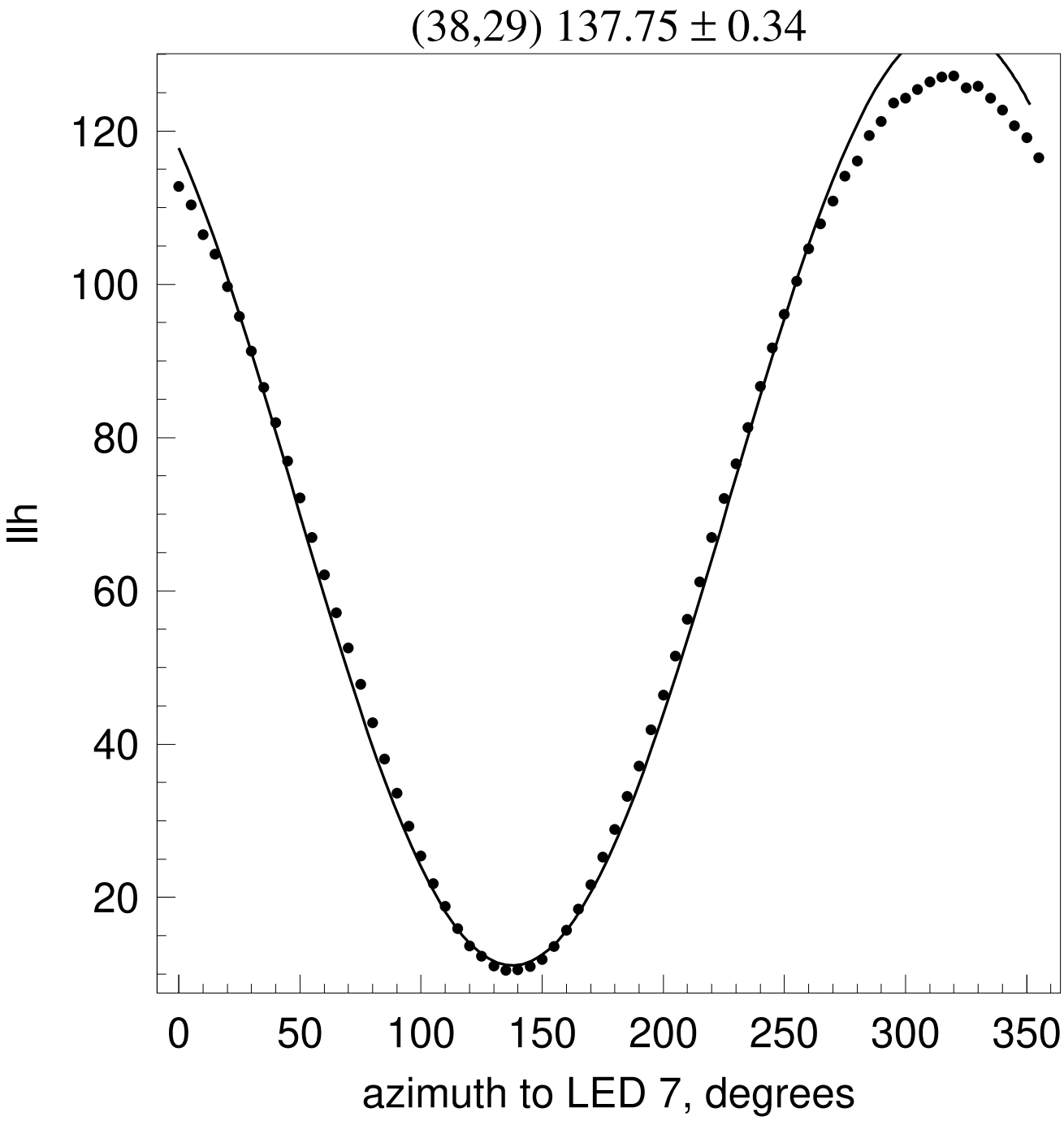

(38,24) 252.00 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

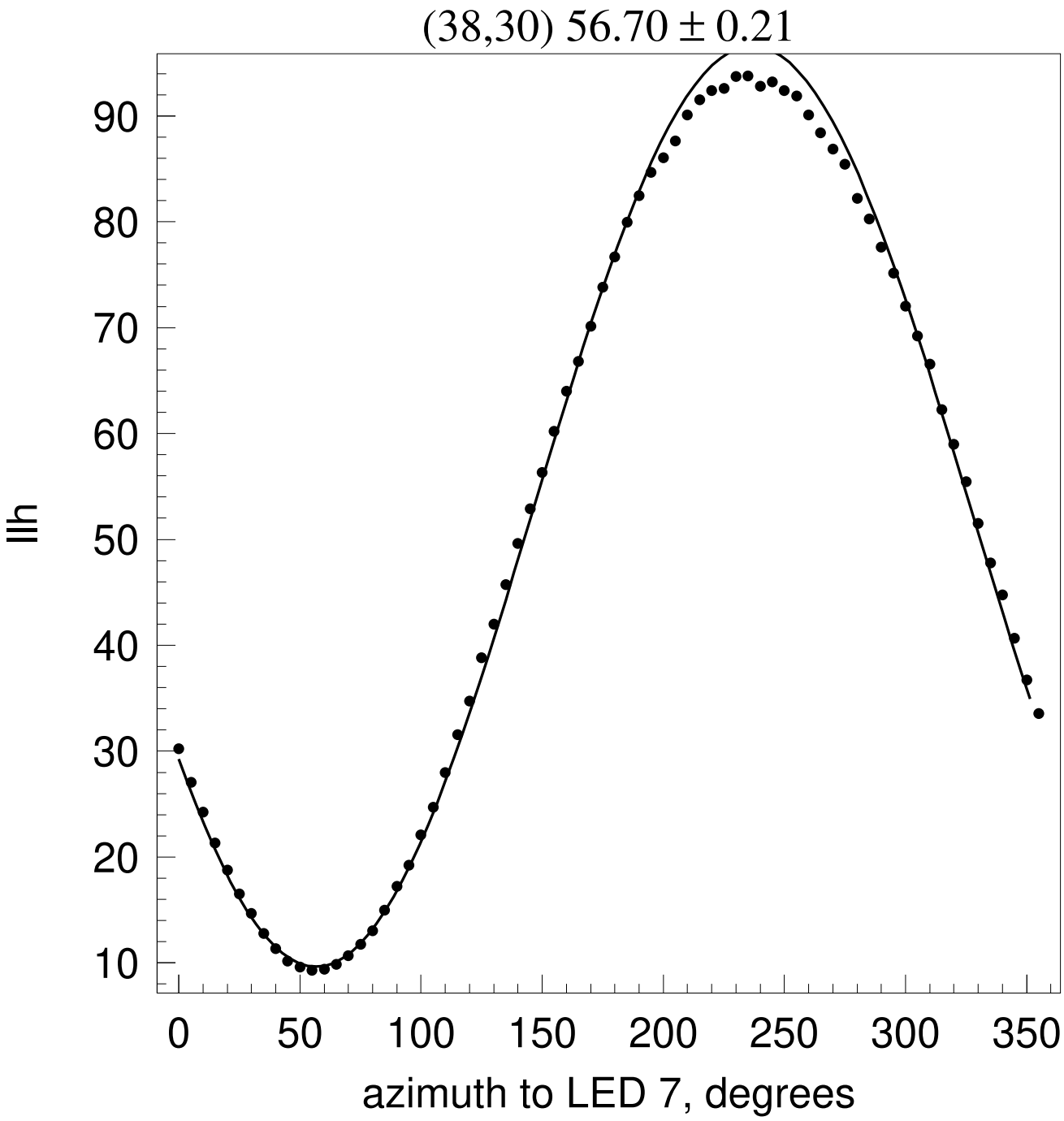

(38,25) 211.83 ± 0.12
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

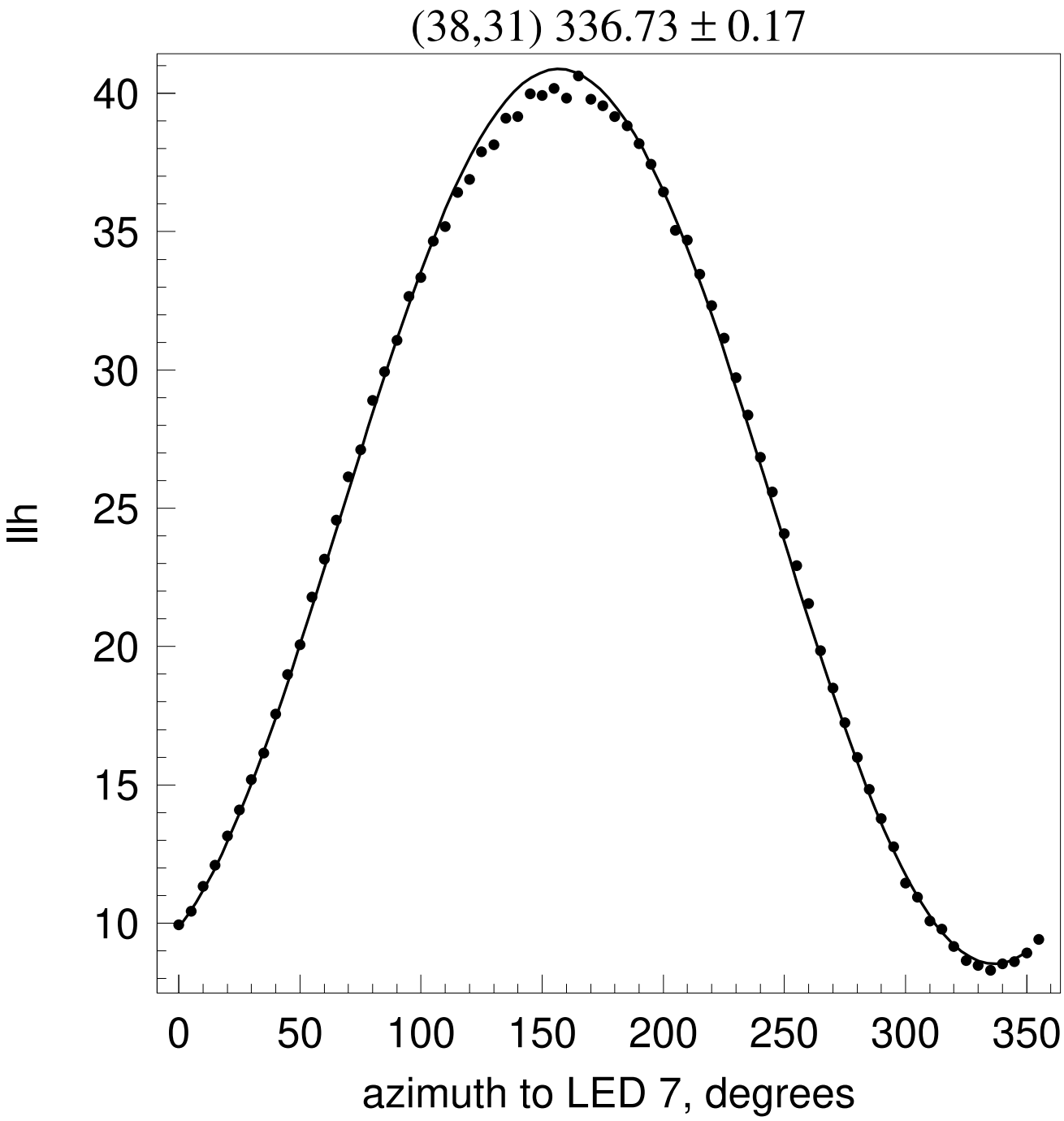

(38,26) 189.79 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

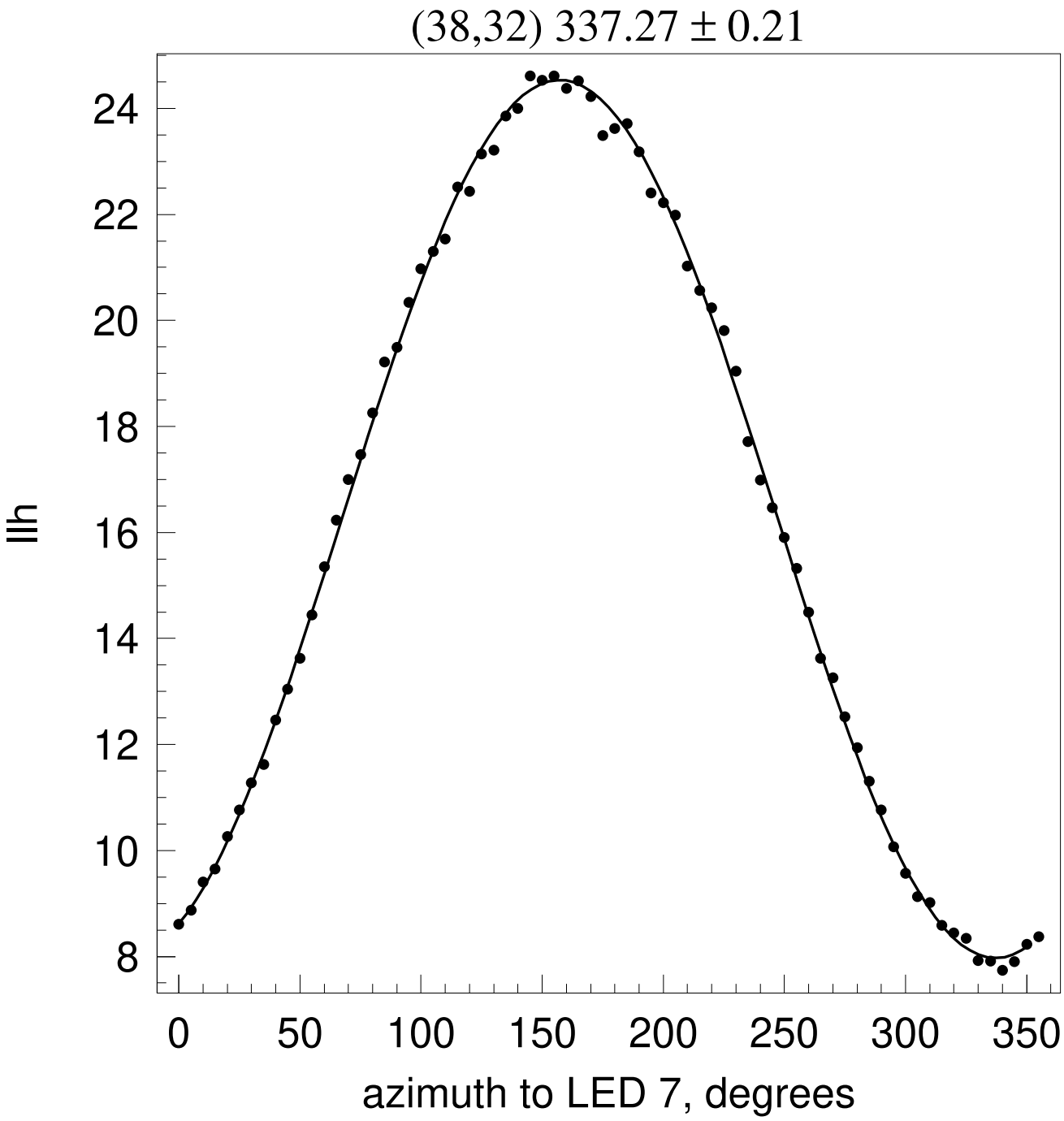

(38,27) 122.97 ± 0.31
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

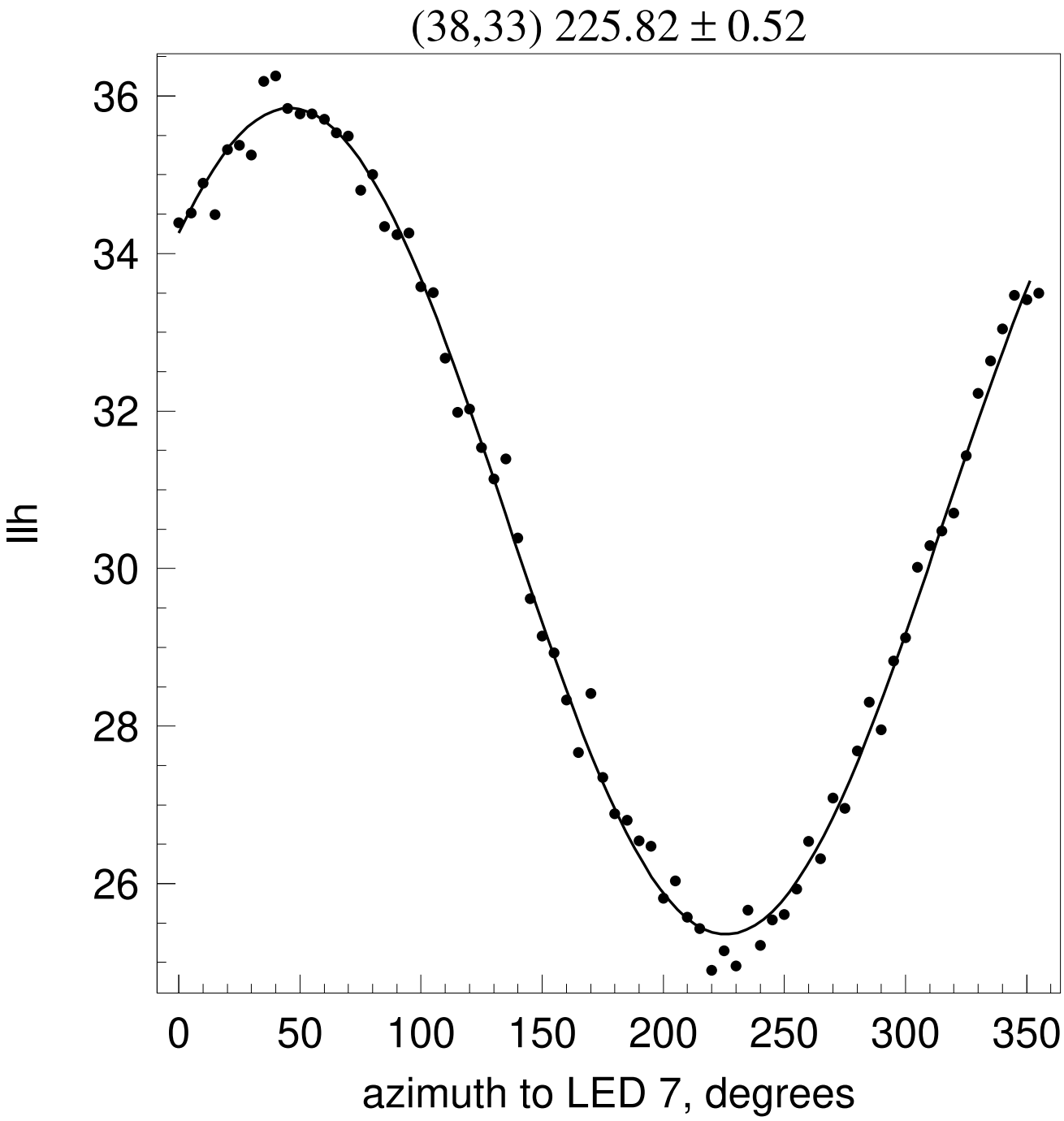

(38,28) 113.84 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

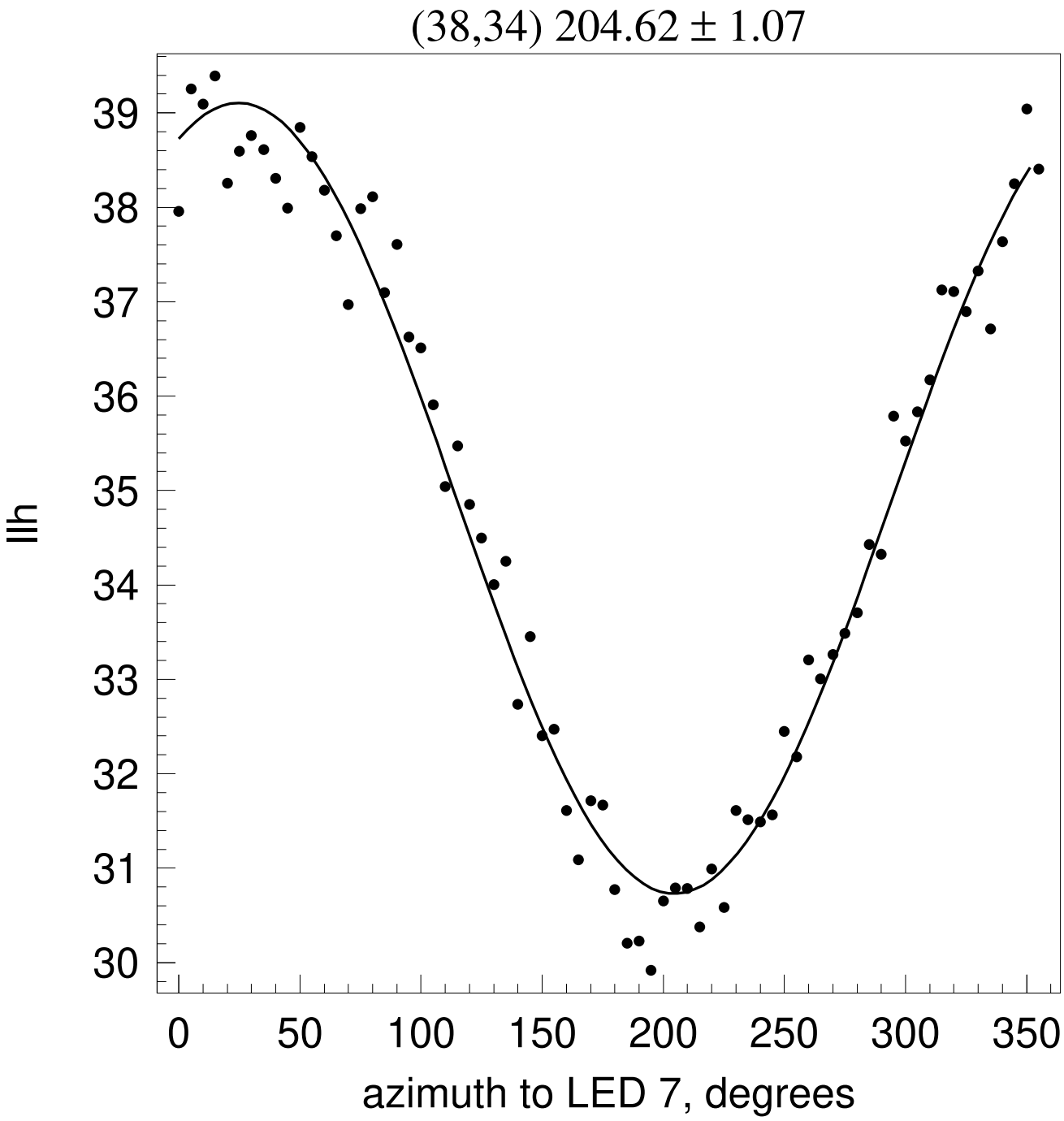

(38,29) 137.75 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

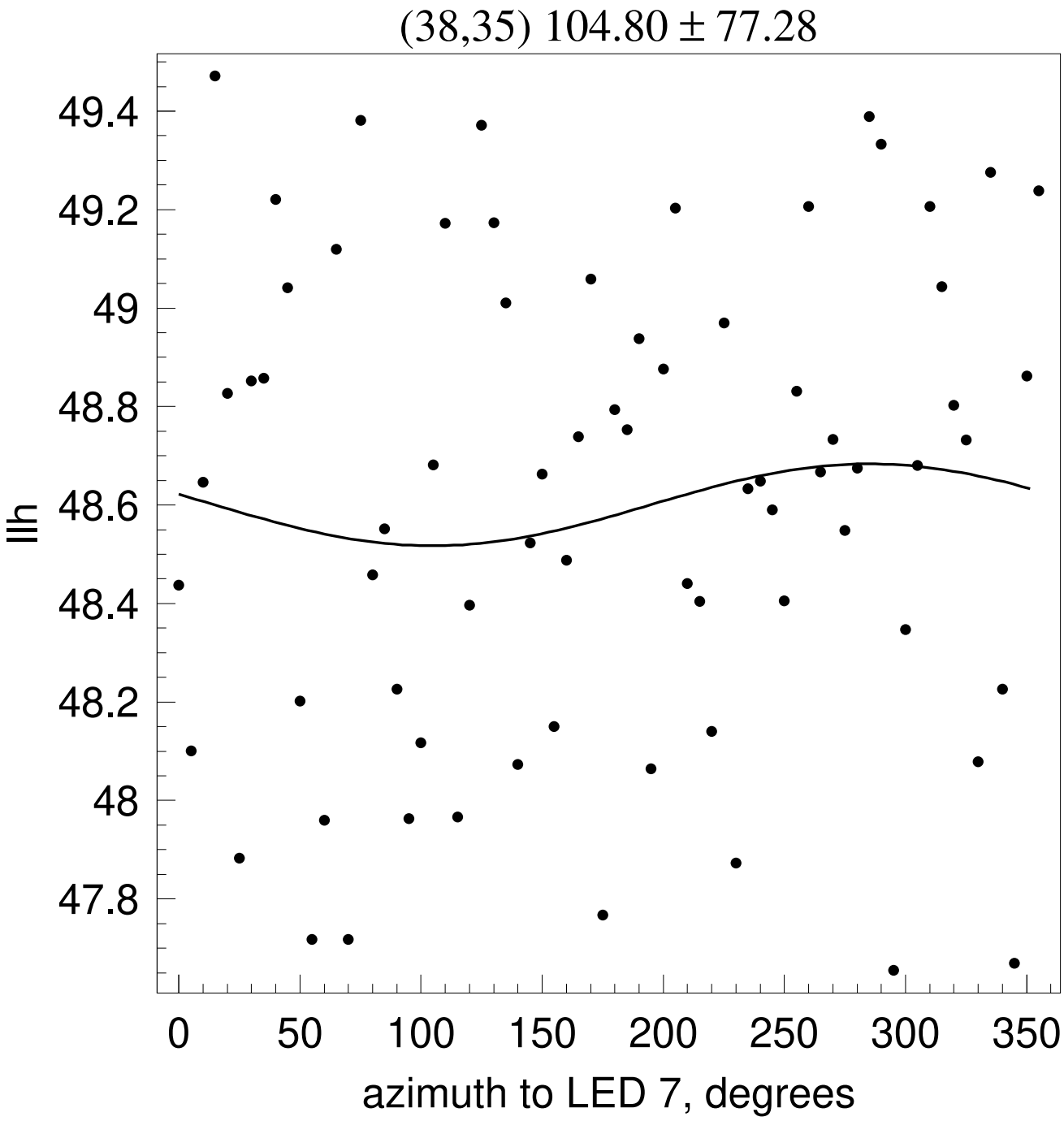

(38,30) 56.70 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

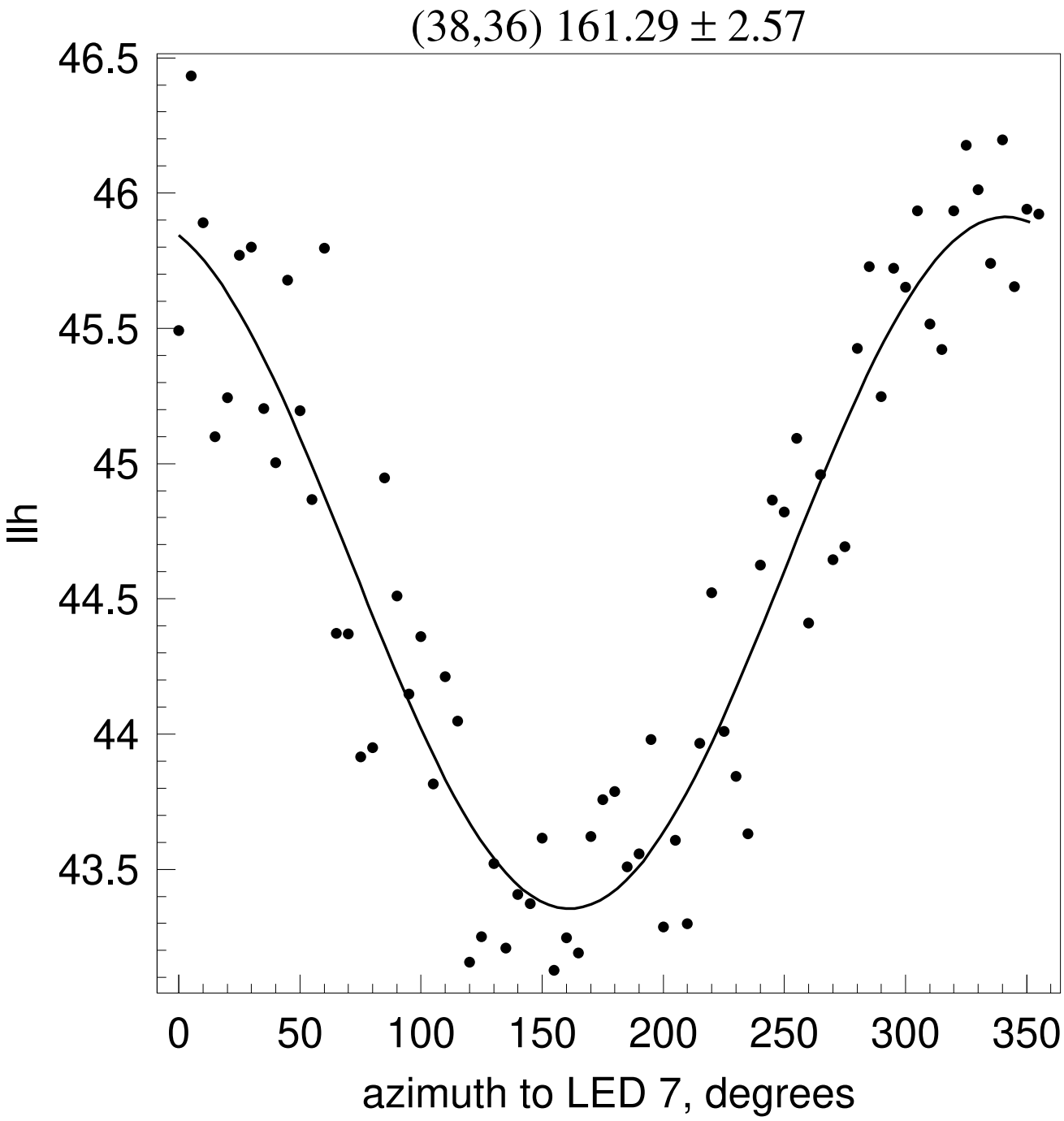

(38,31) 336.73 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

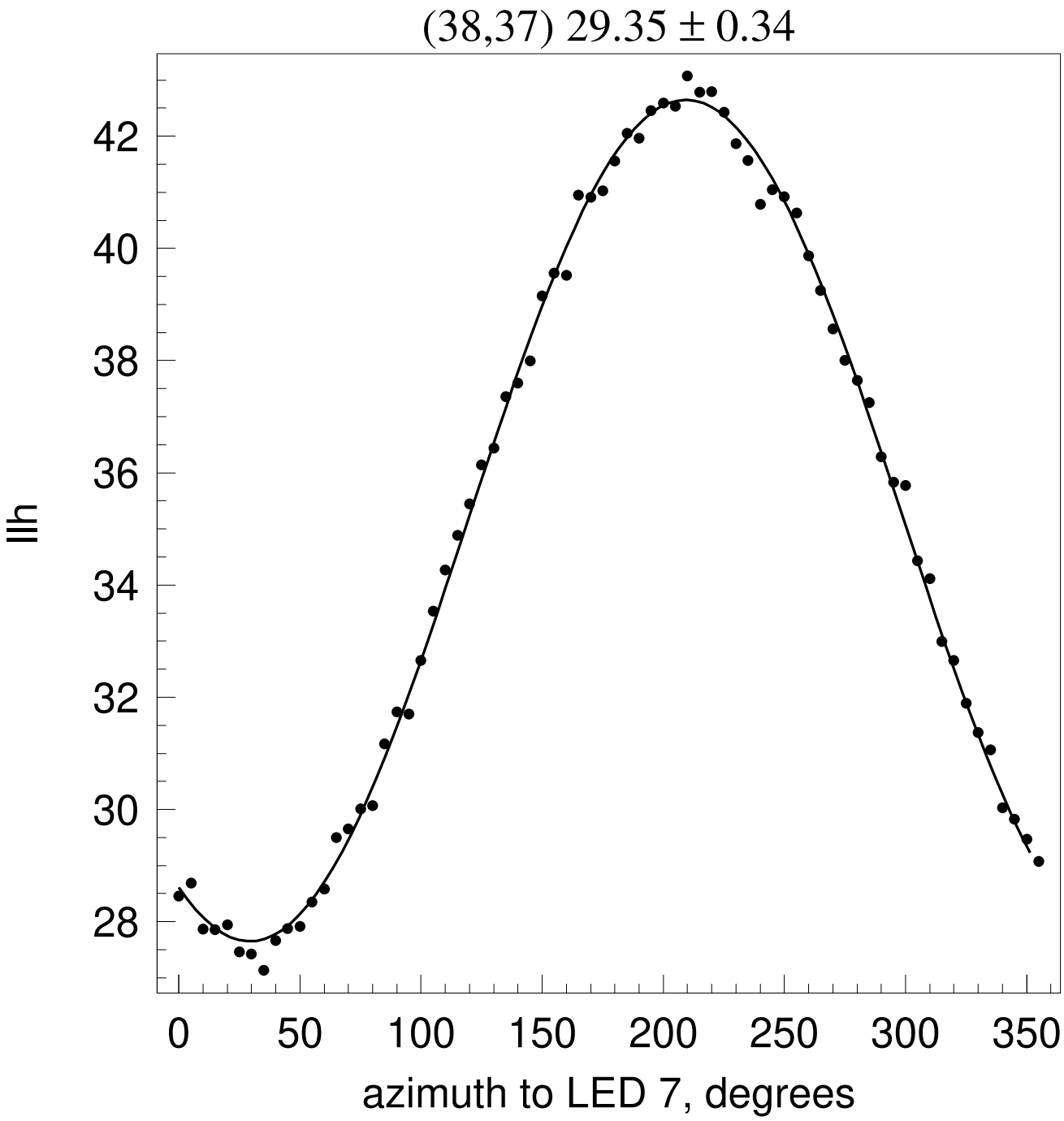

(38,32) 337.27 ± 0.21
24
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

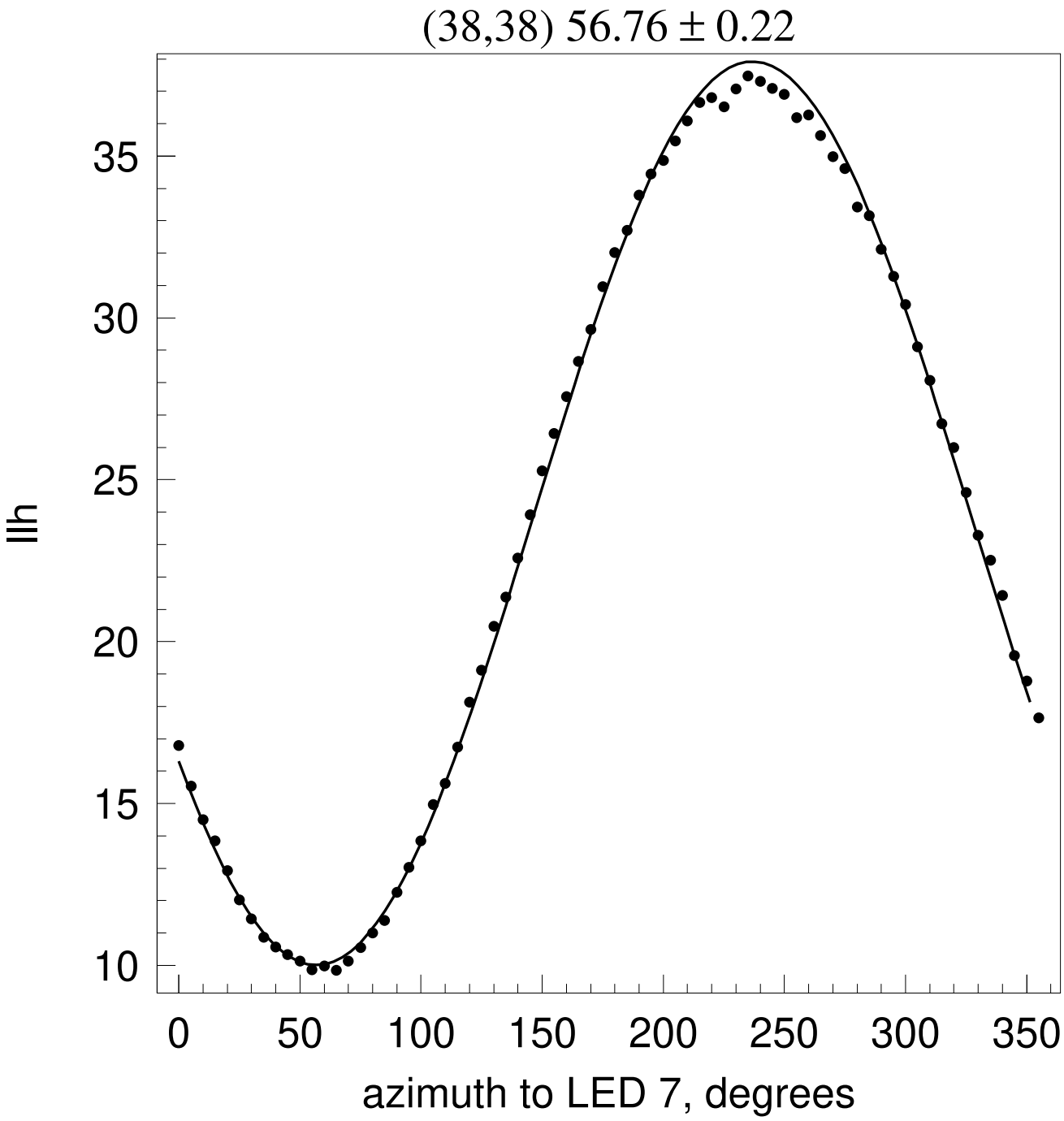

(38,33) 225.82 ± 0.52
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

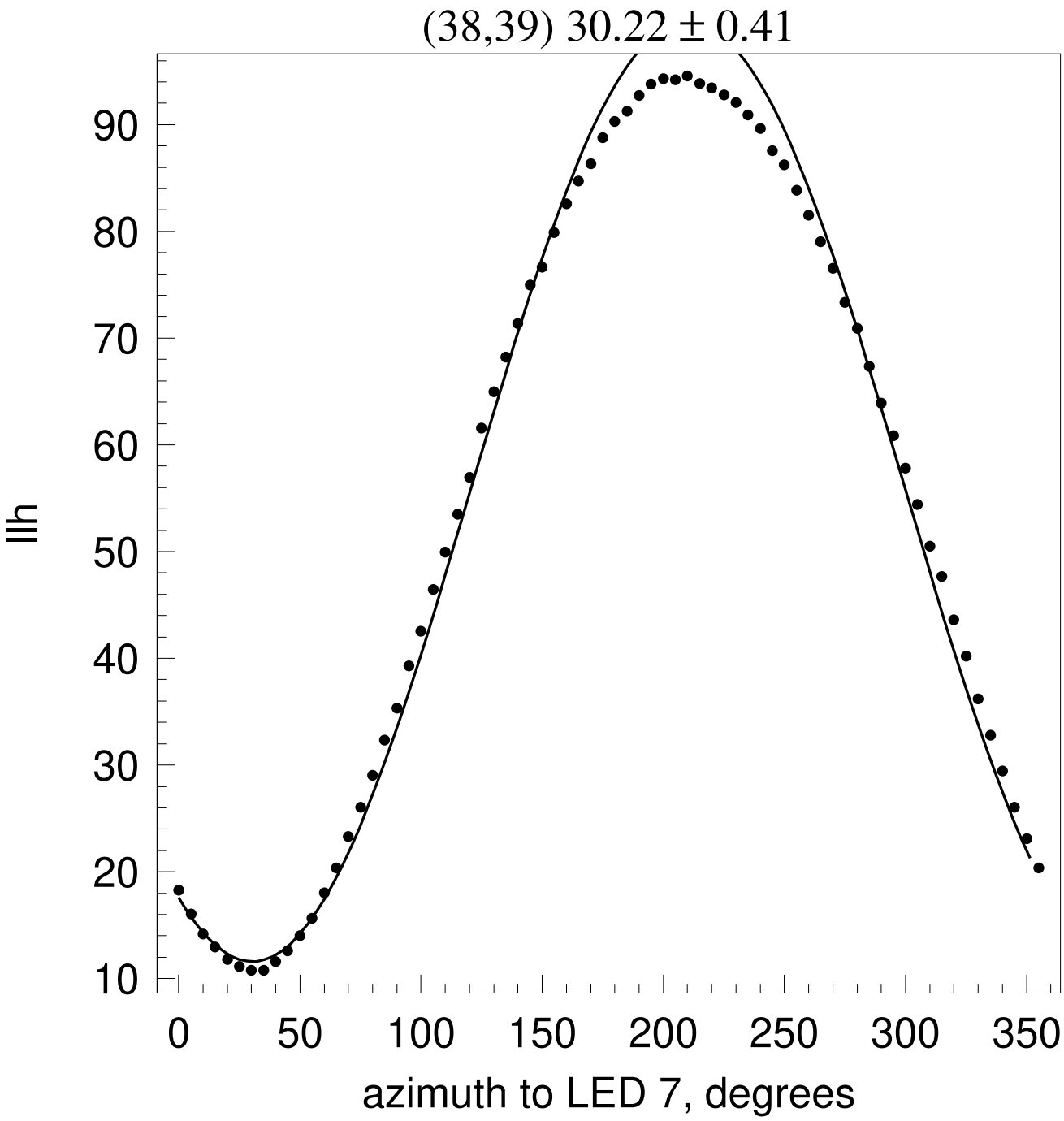

(38,34) 204.62 ± 1.07
39
38
37
36
35
34
33
32
31
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

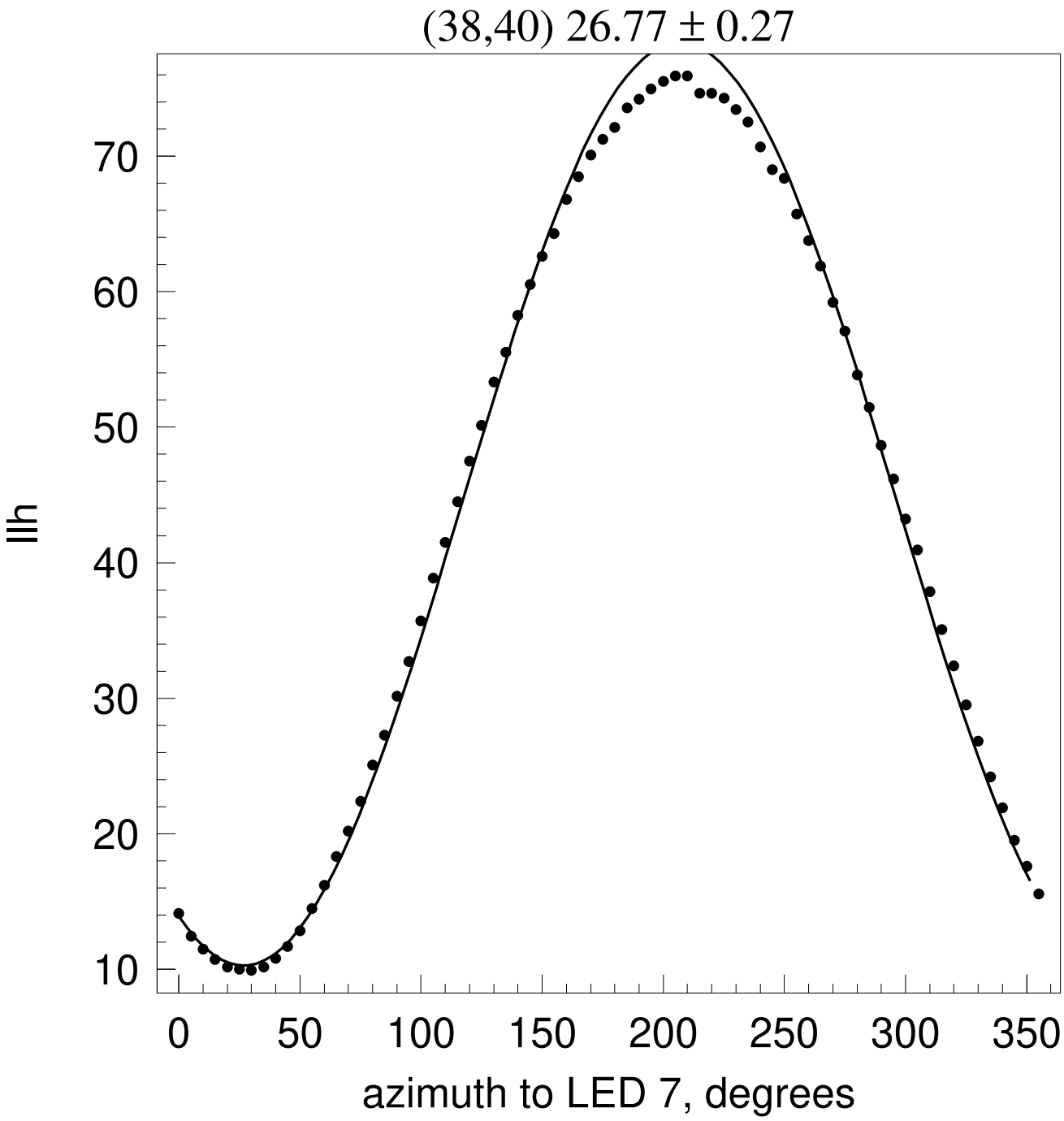

(38,35) 104.80 ± 77.28
llh
49.4
49.2
49
48.8
48.6
48.4
48.2
48
47.8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

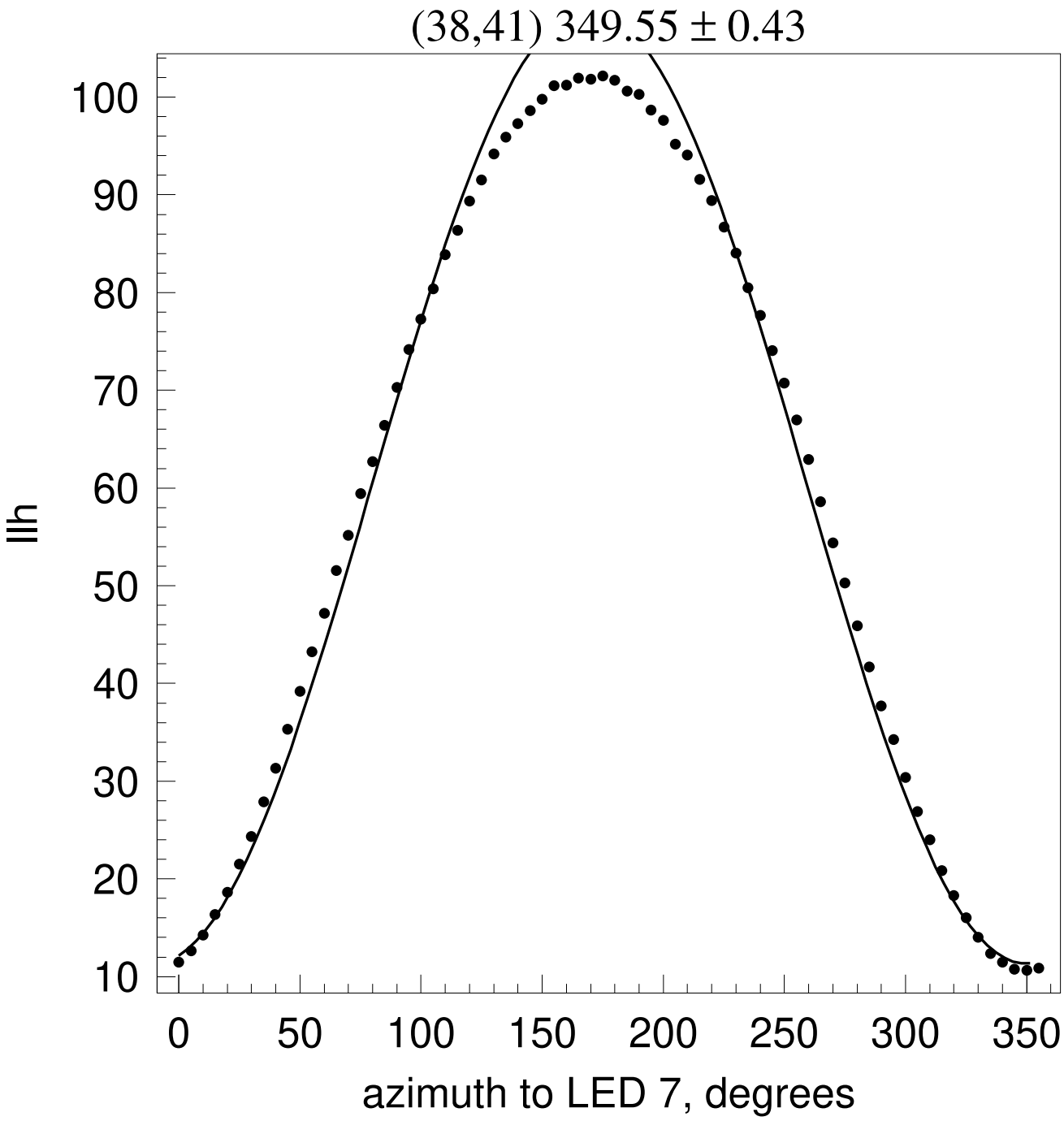

(38,36) 161.29 ± 2.57
46.5
46
45.5
45
44.5
44
43.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

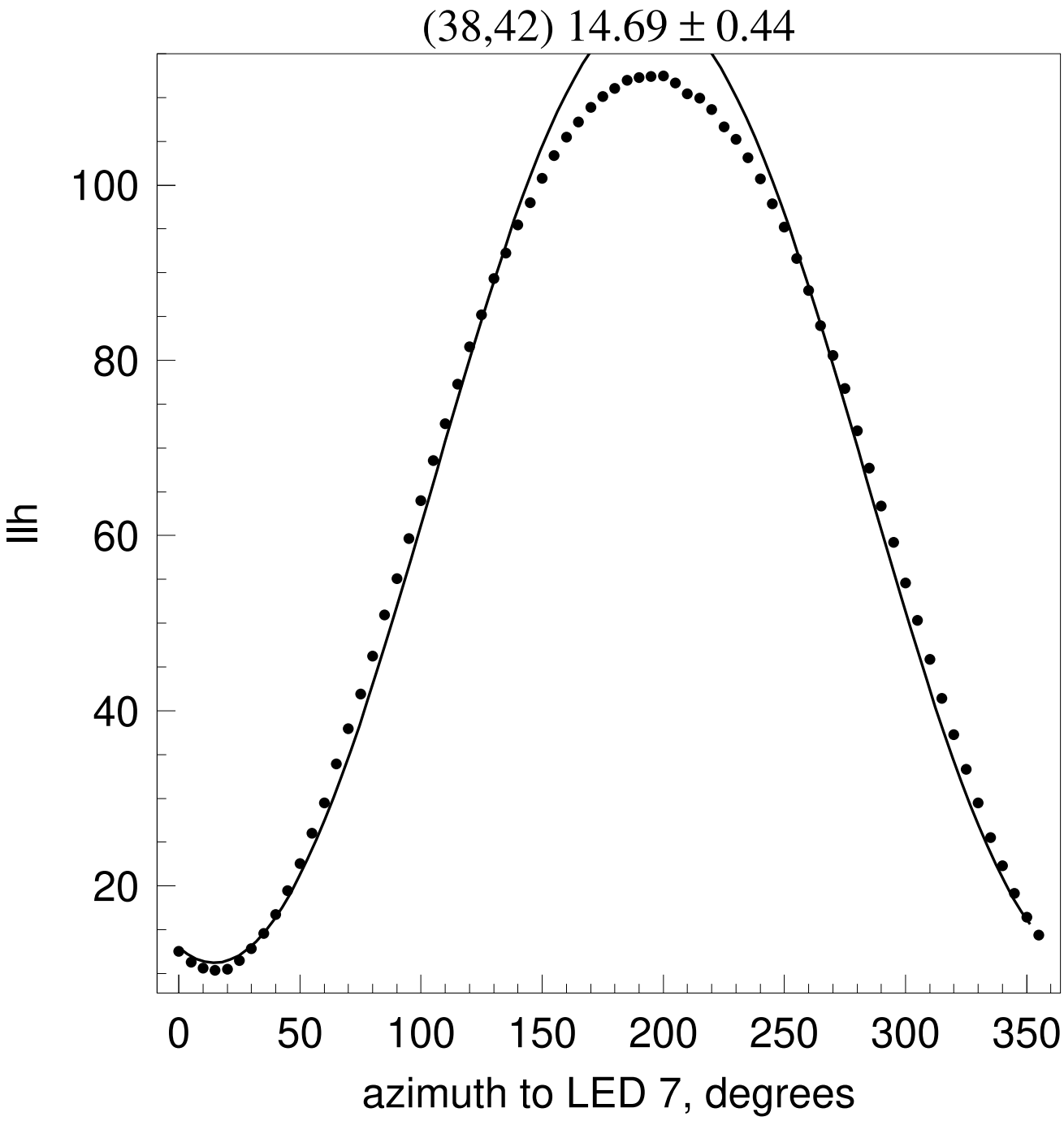

(38,37) 29.35 ± 0.34
42
40
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

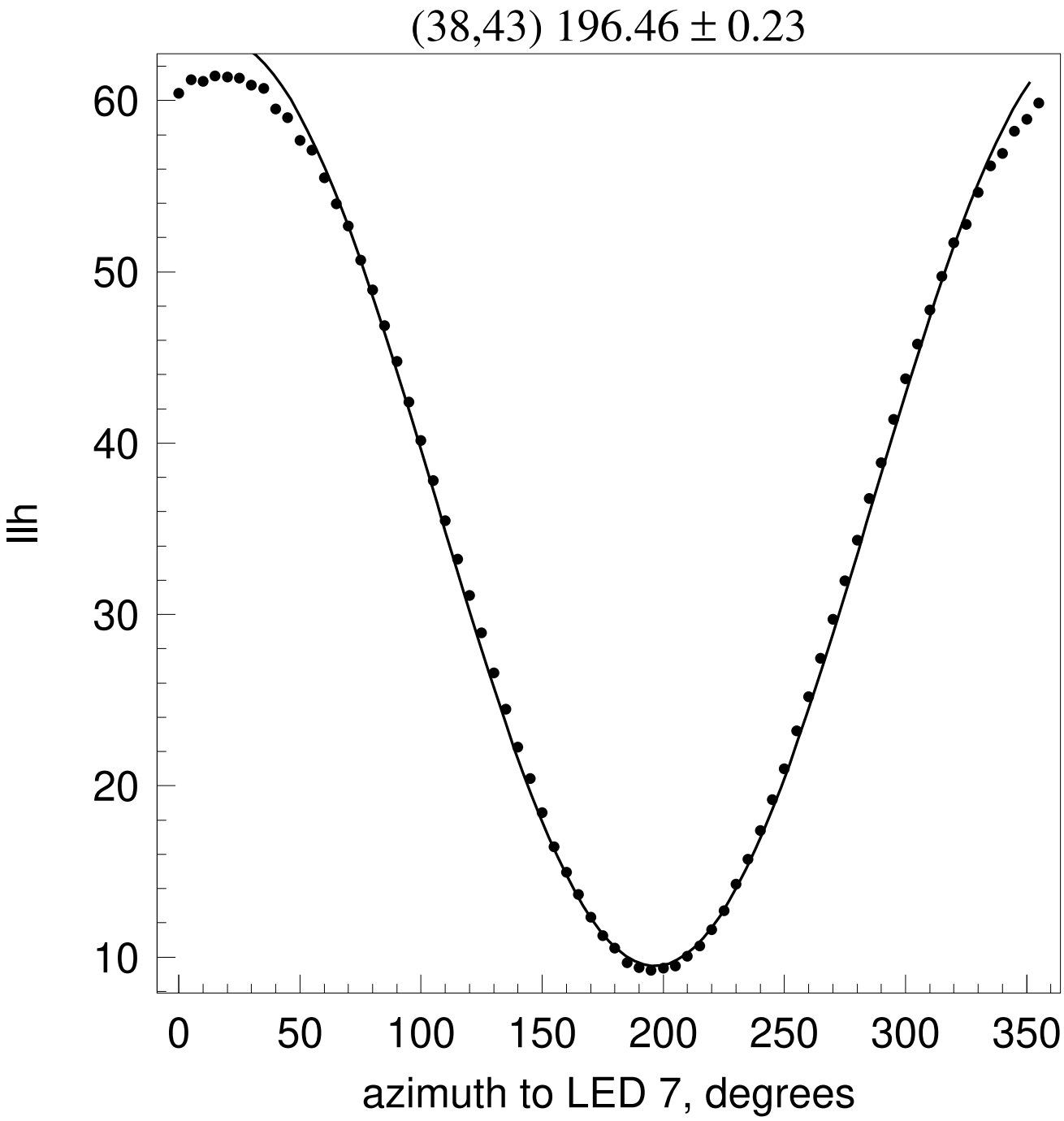

(38,38) 56.76 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

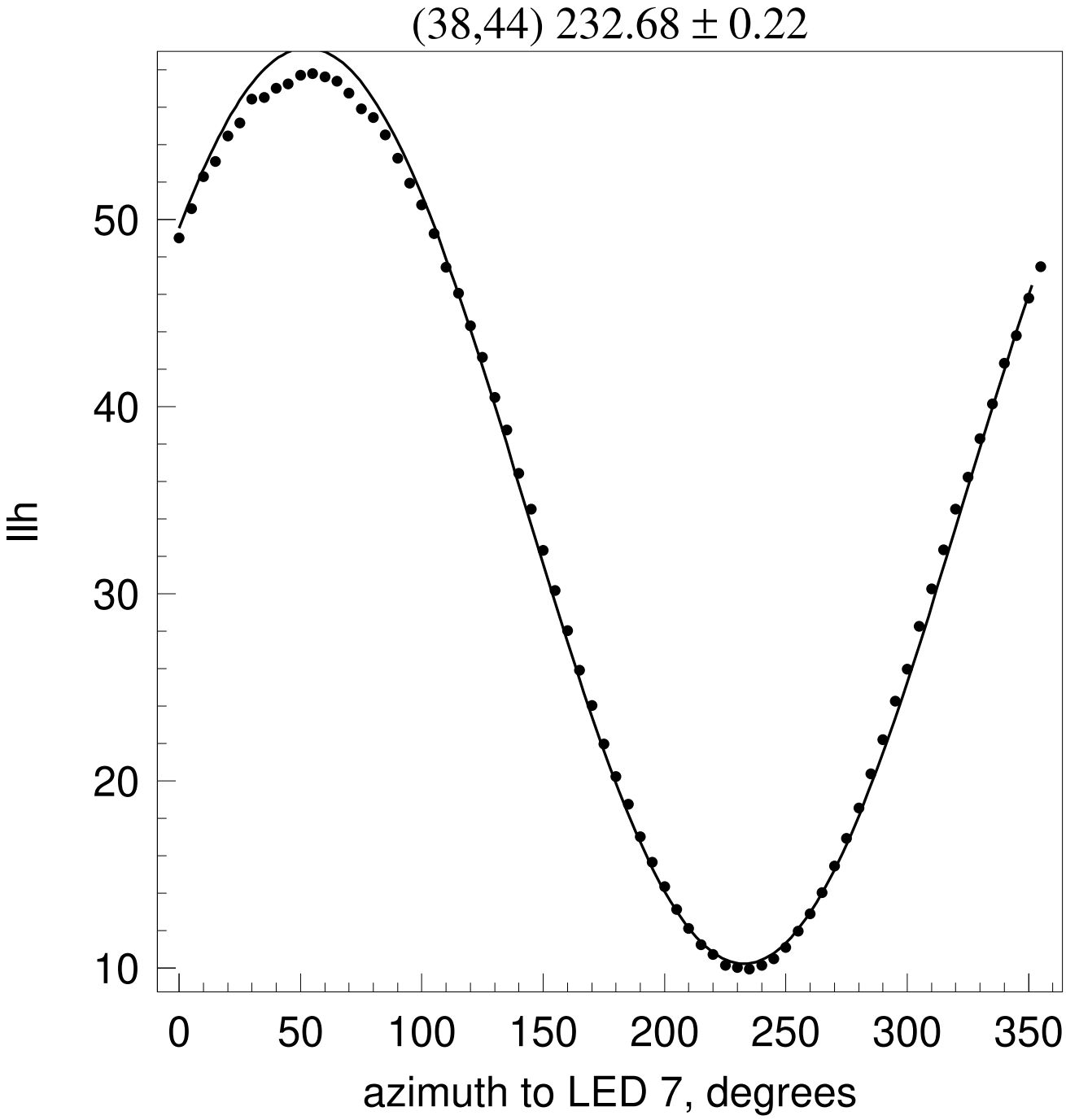

(38,39) 30.22 ± 0.41
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

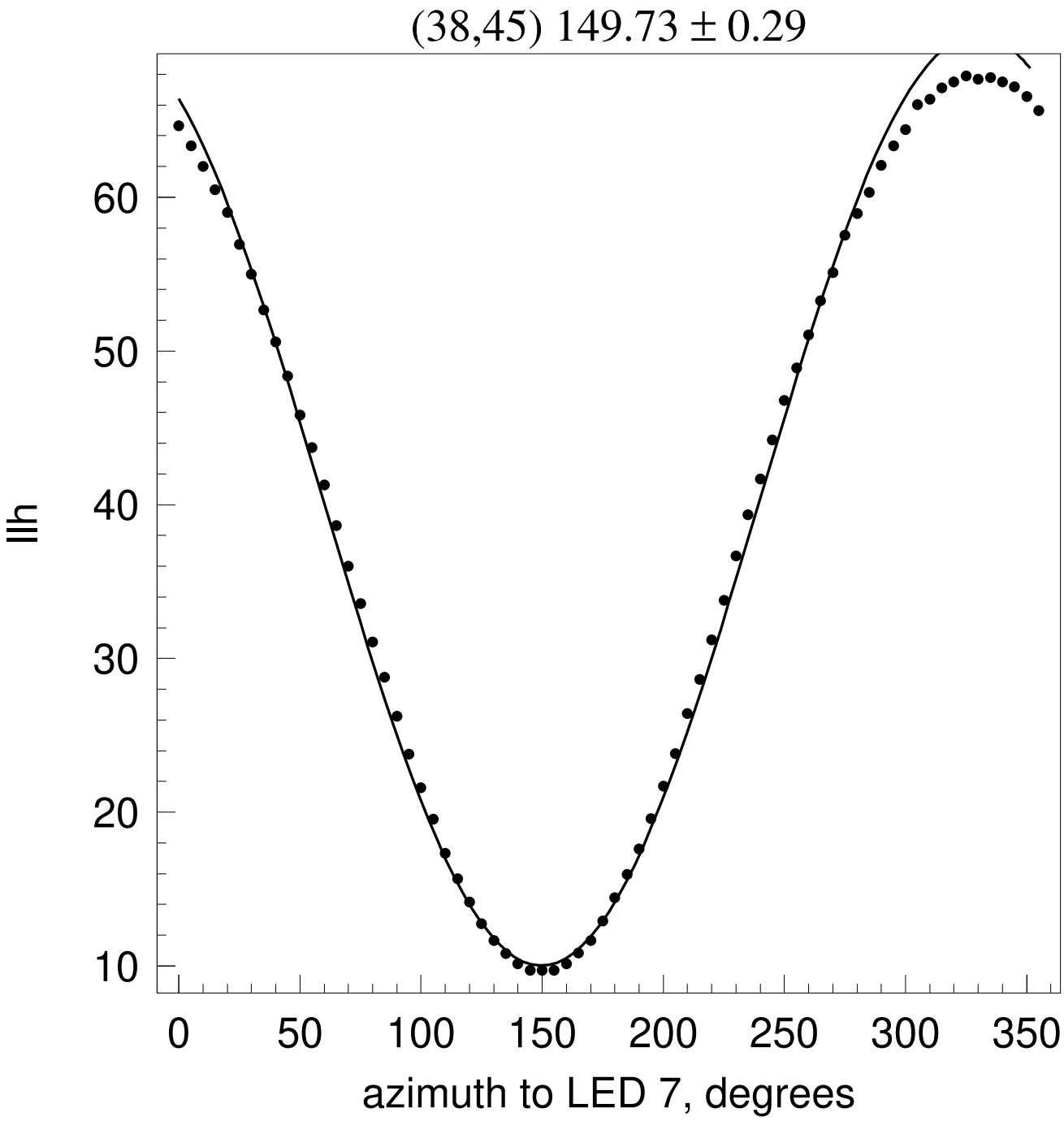

(38,40) 26.77 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

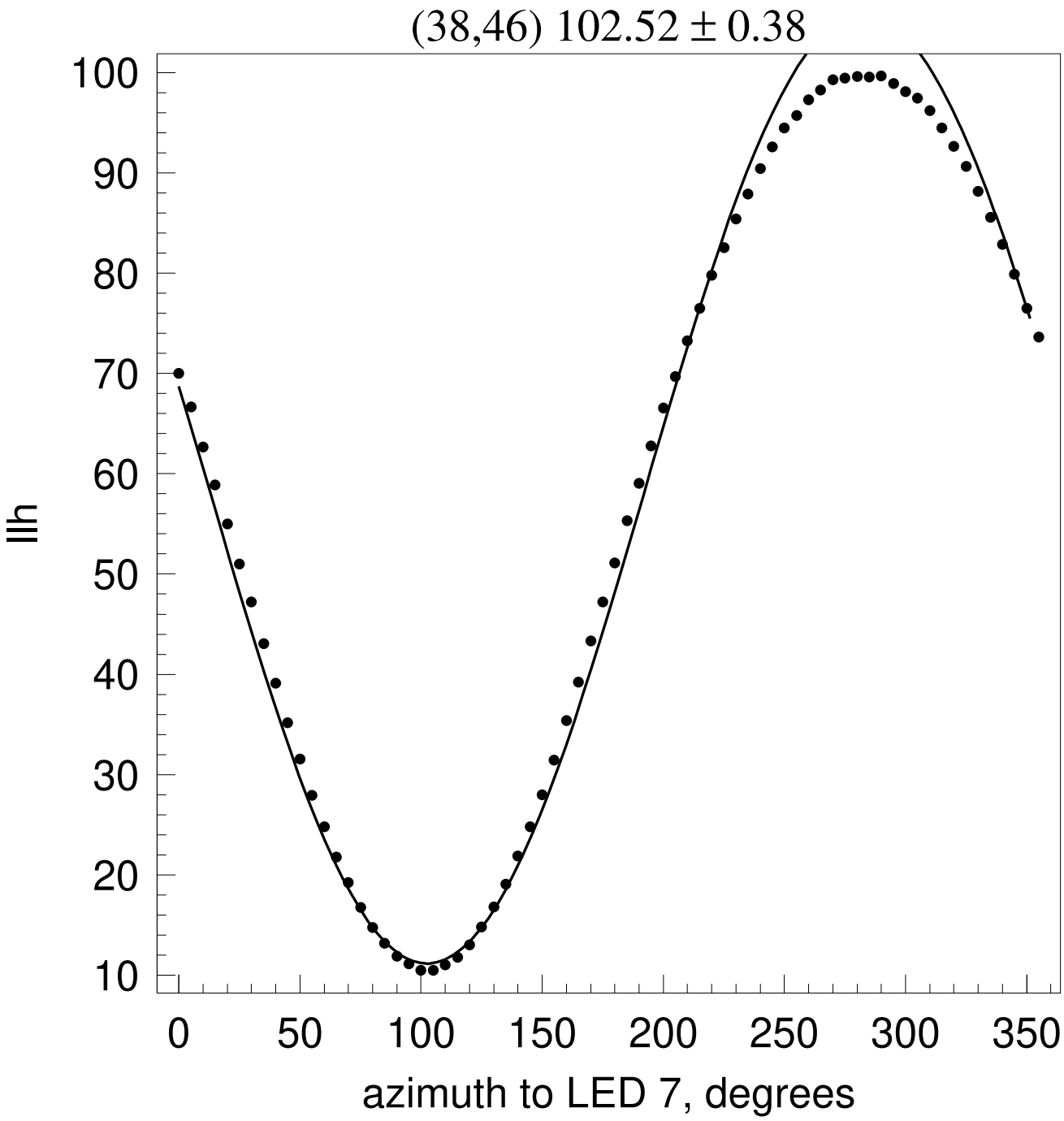

(38,41) 349.55 ± 0.43
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

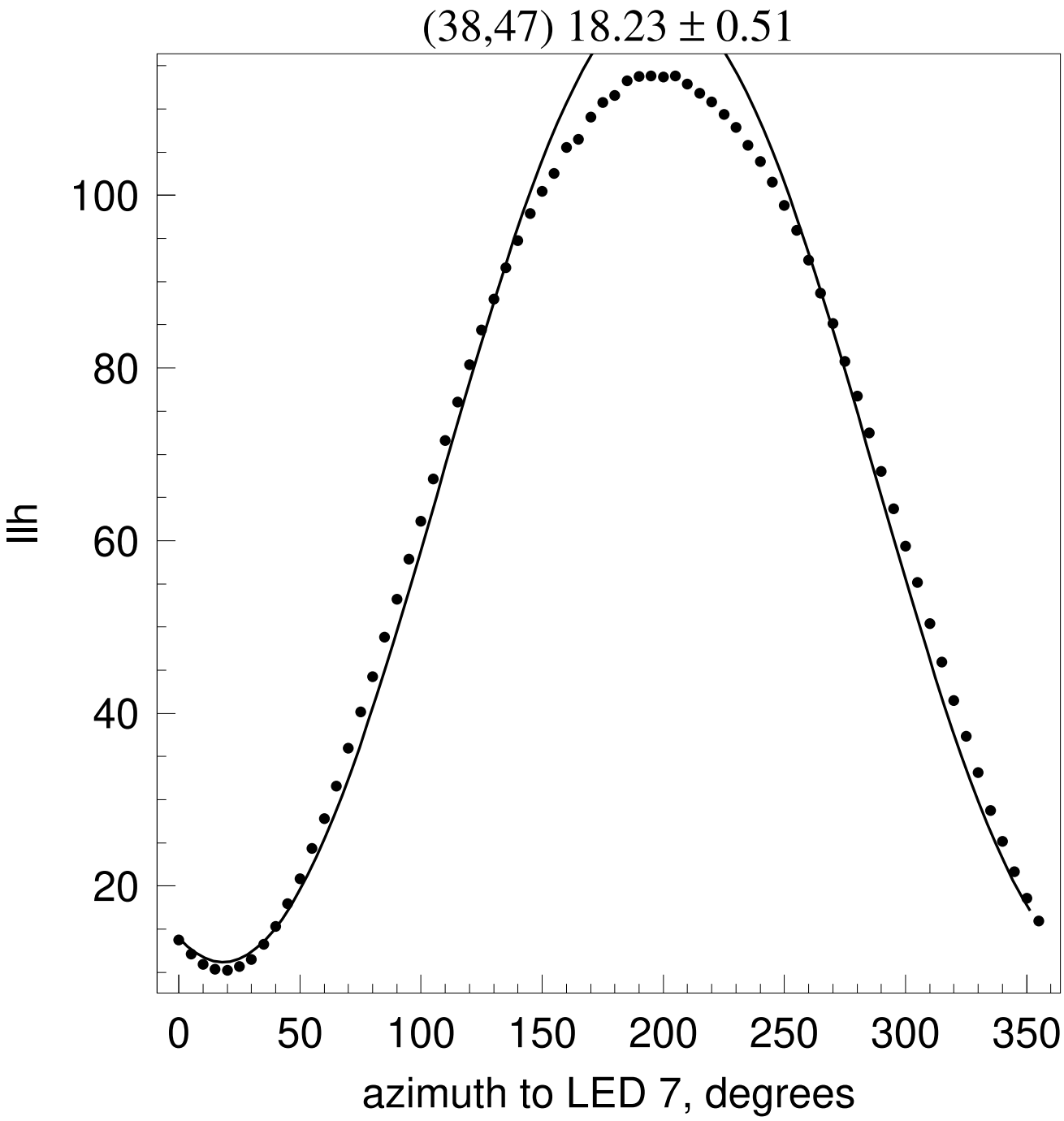

(38,42) 14.69 ± 0.44
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

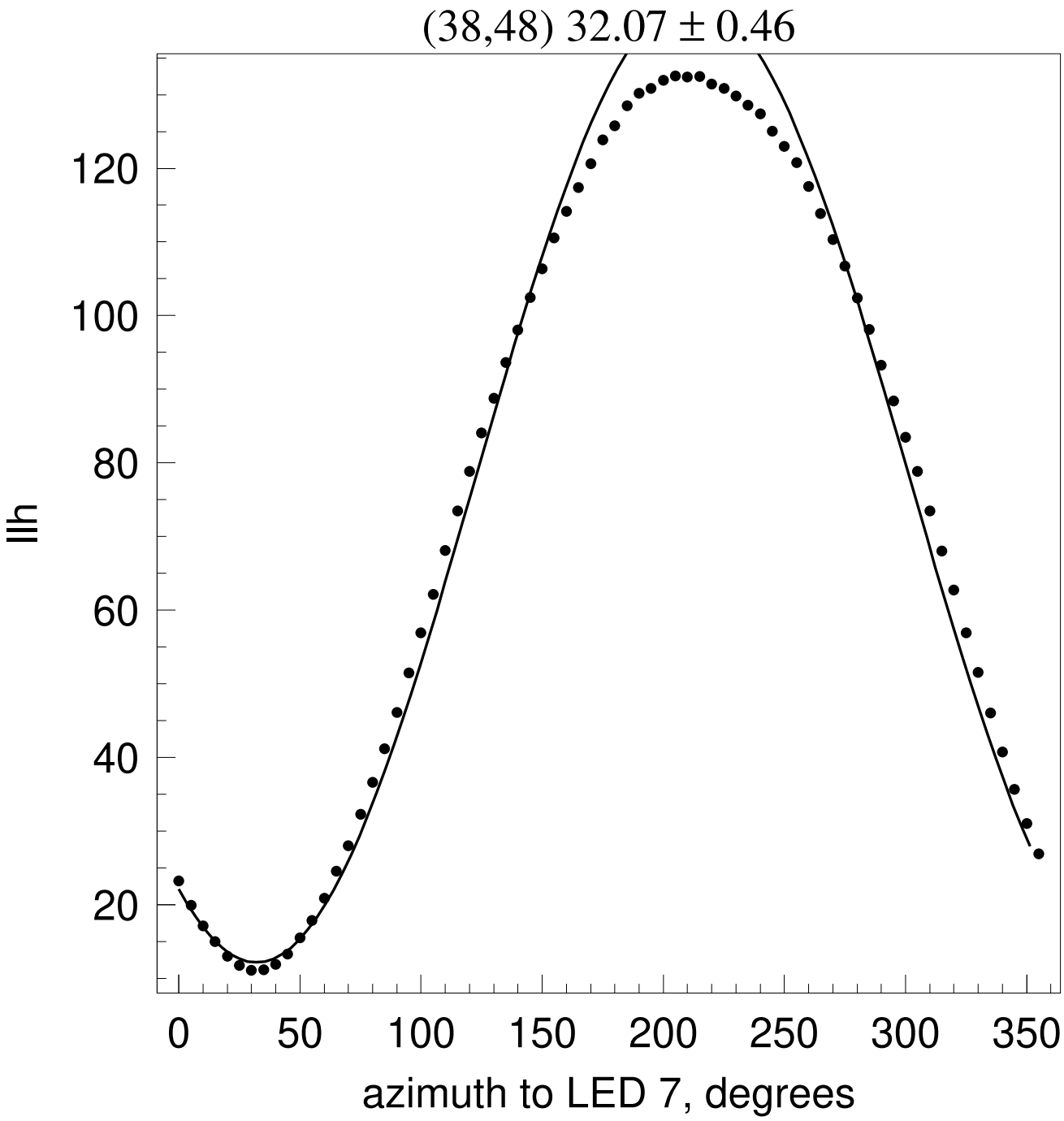

(38,43) 196.46 ± 0.23
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

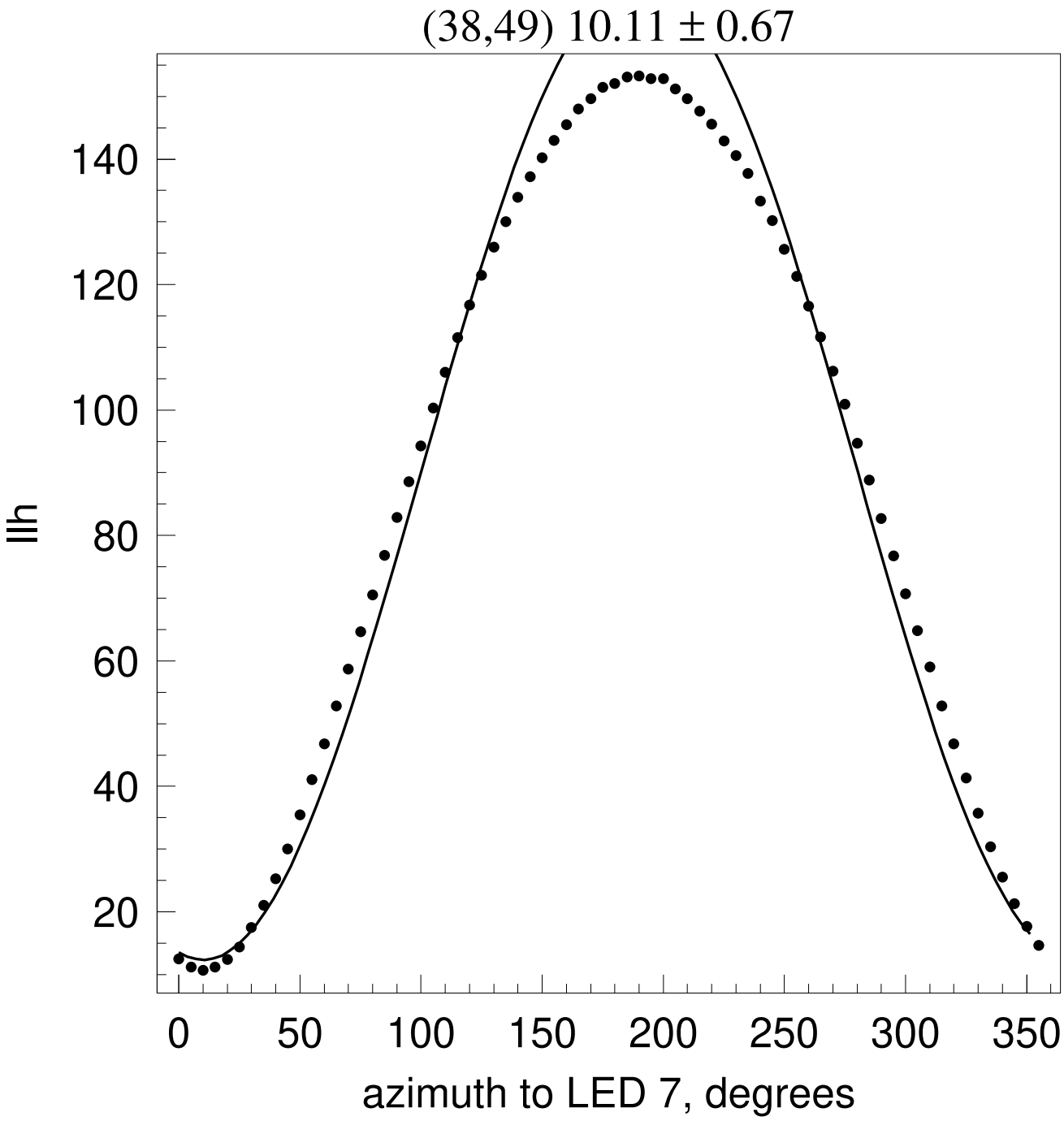

(38,44) 232.68 ± 0.22
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

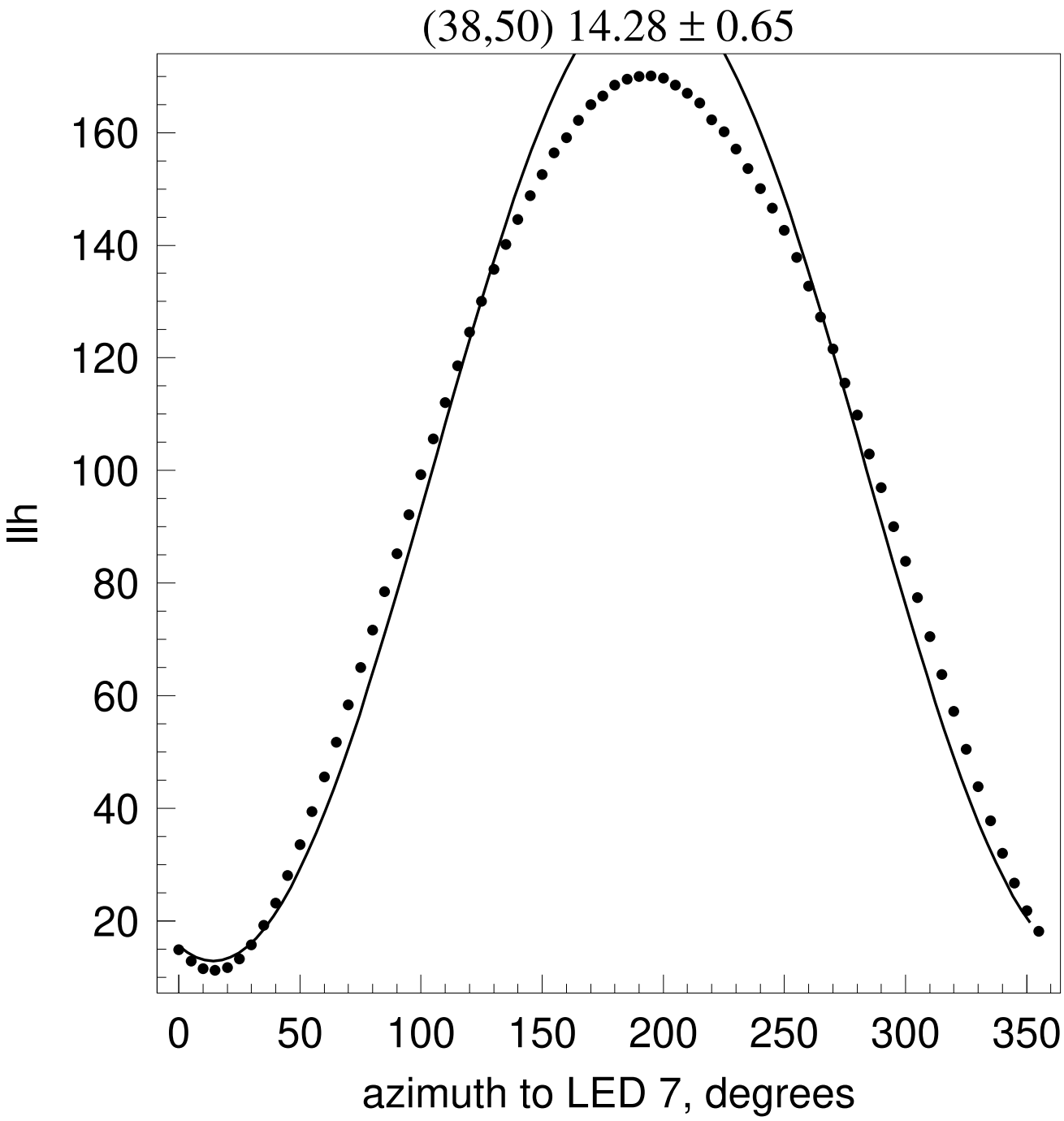

(38,45) 149.73 ± 0.29
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

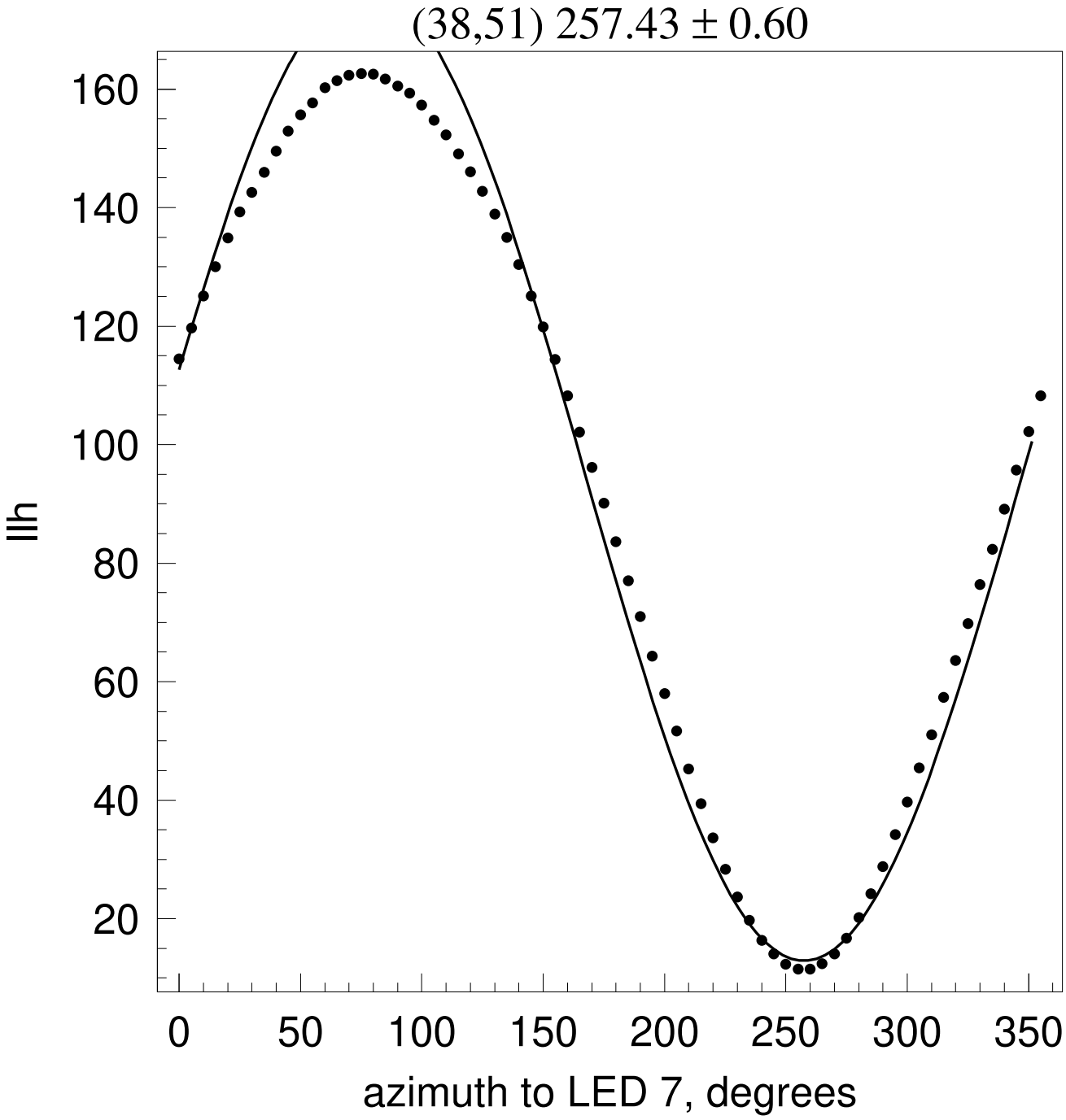

(38,46) 102.52 ± 0.38
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

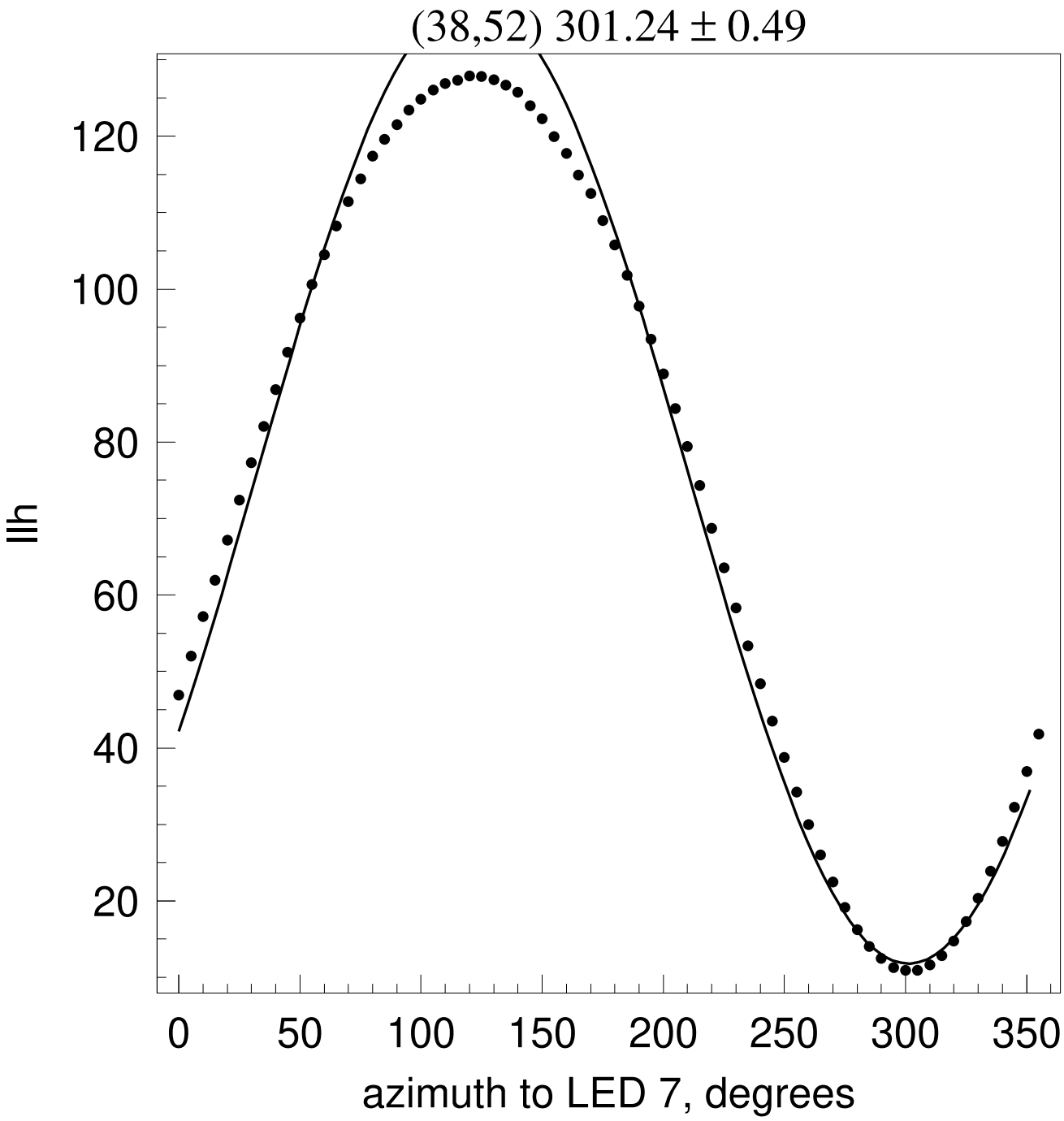

(38,47) 18.23 ± 0.51
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

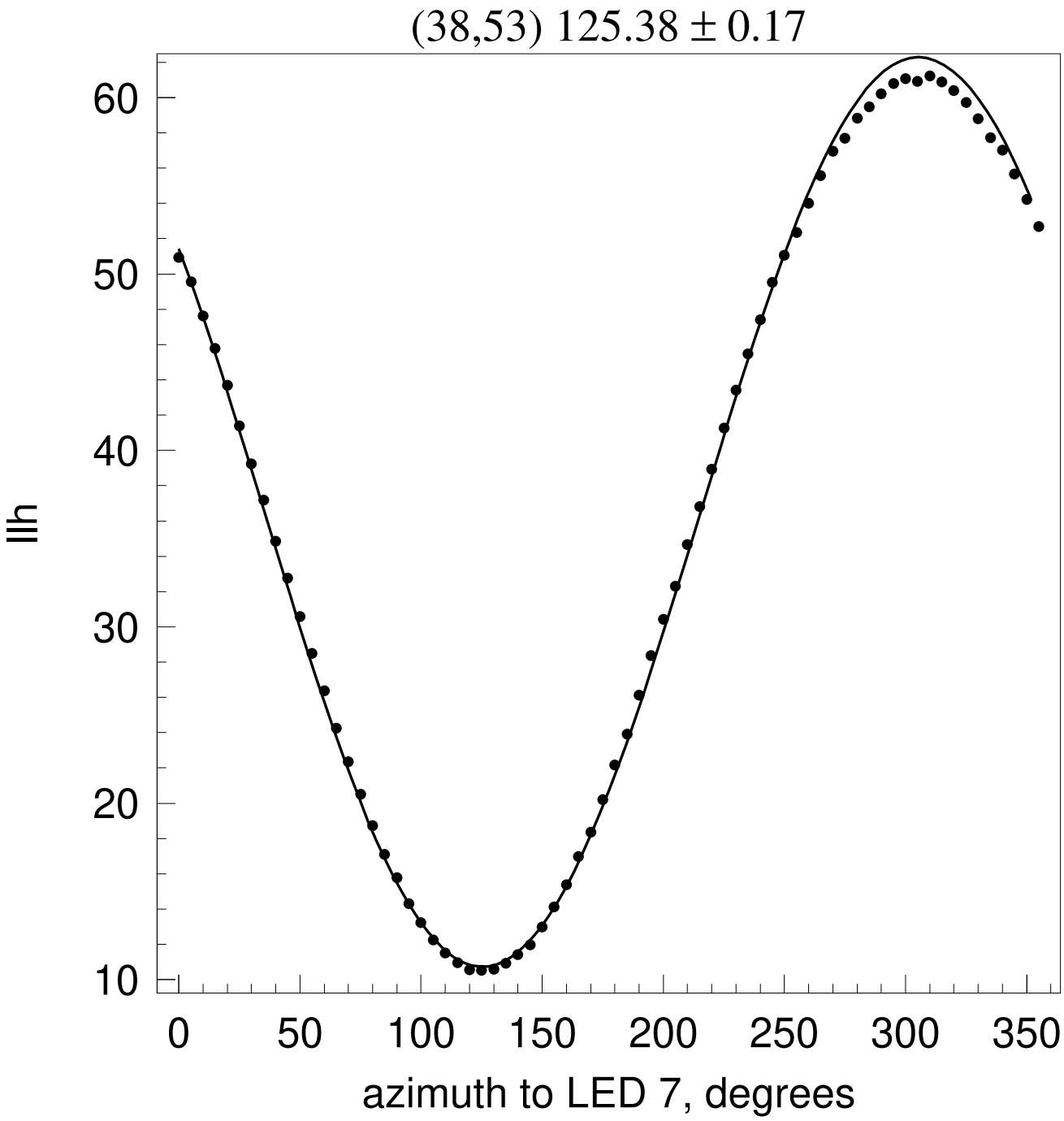

(38,48) 32.07 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

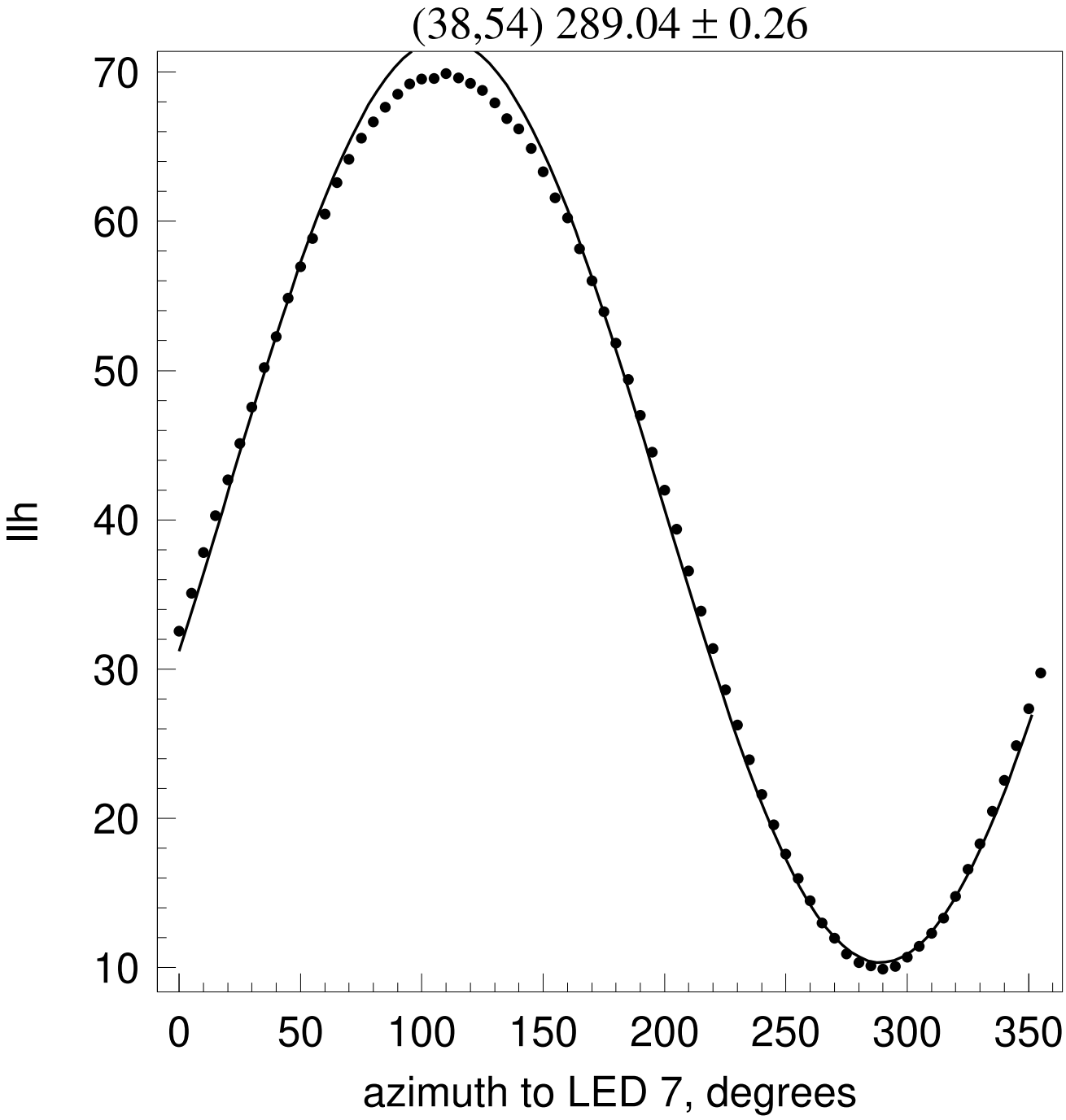

(38,49) 10.11 ± 0.67
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

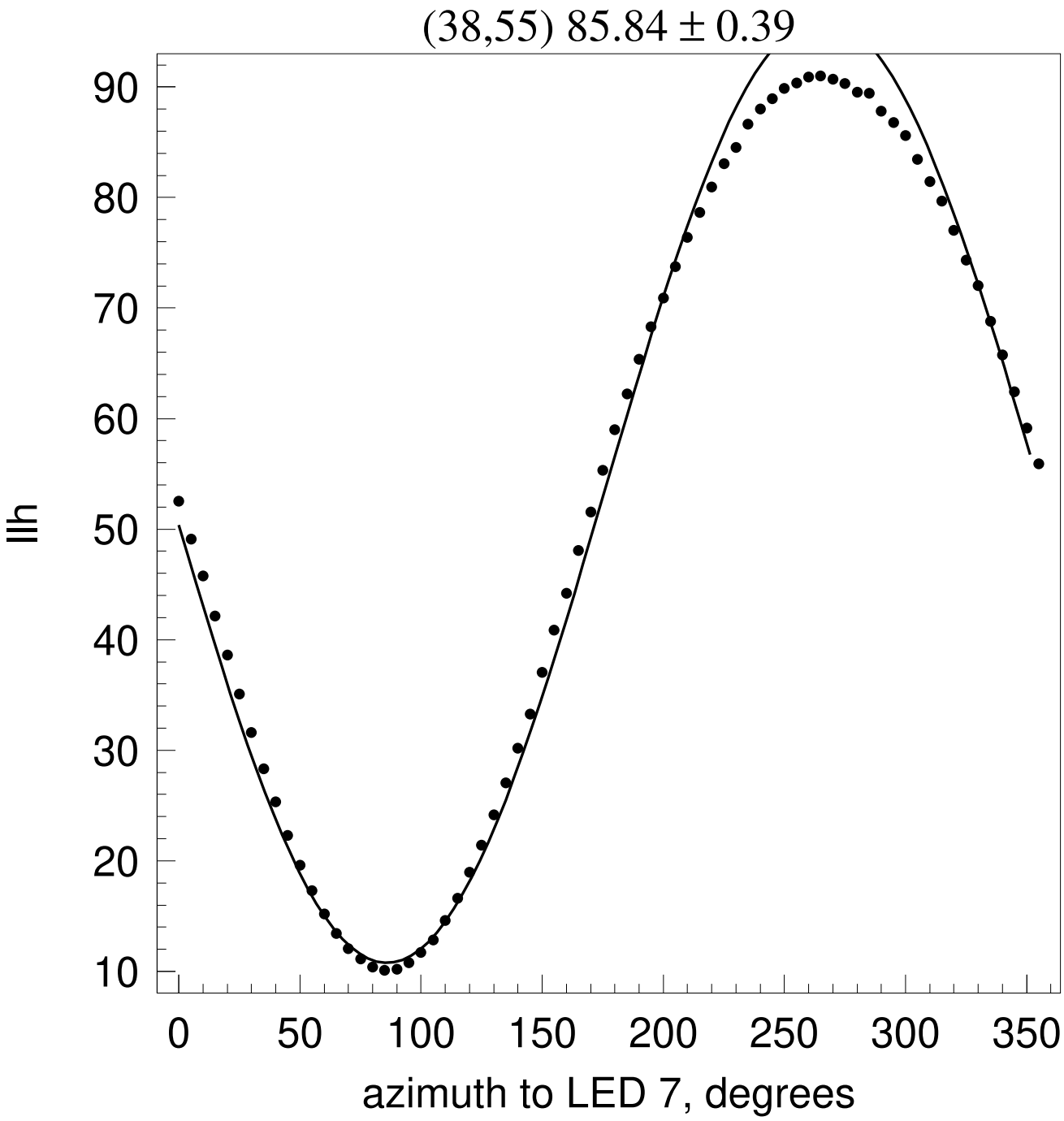

(38,50) 14.28 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

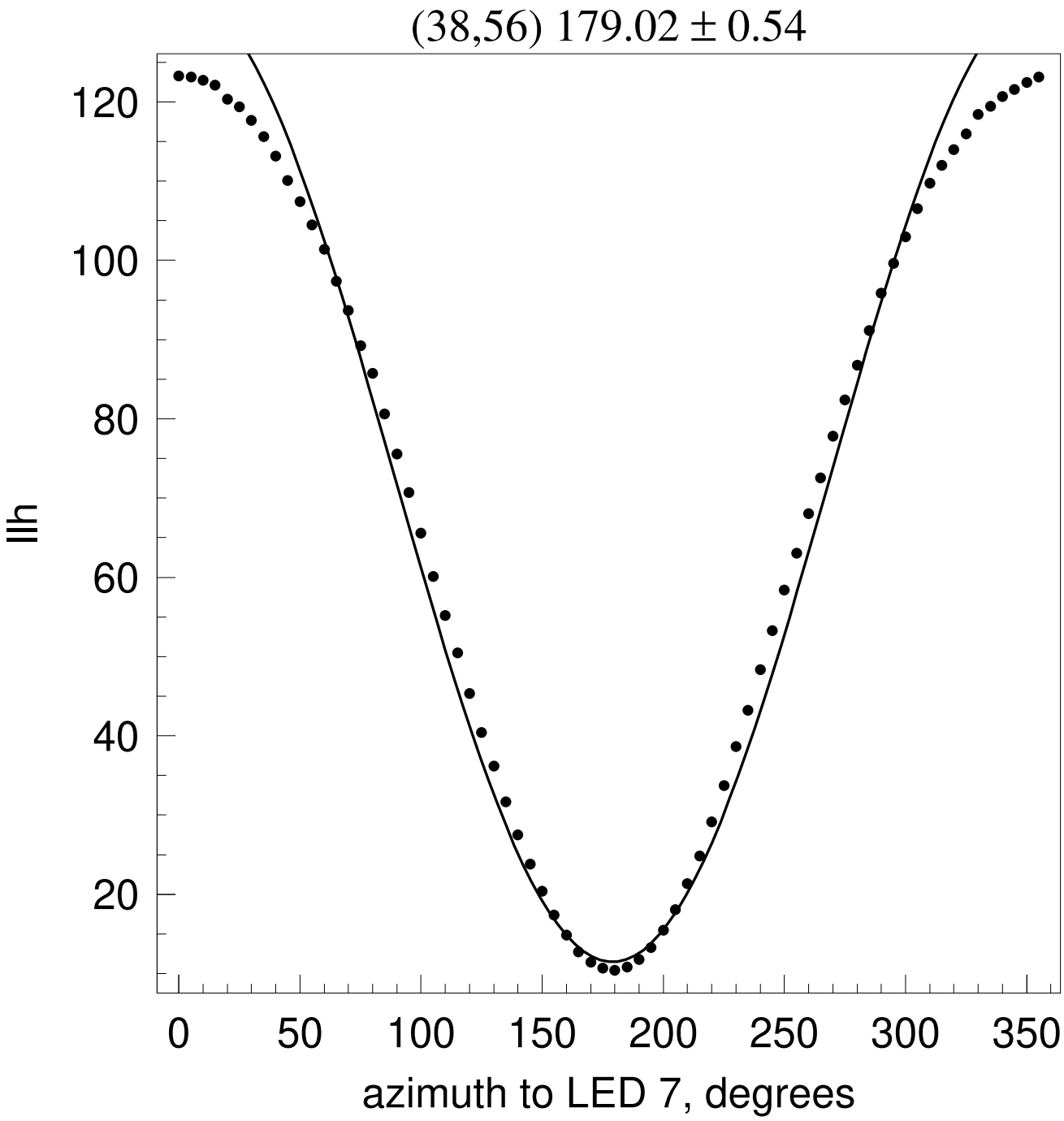

(38,51) 257.43 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

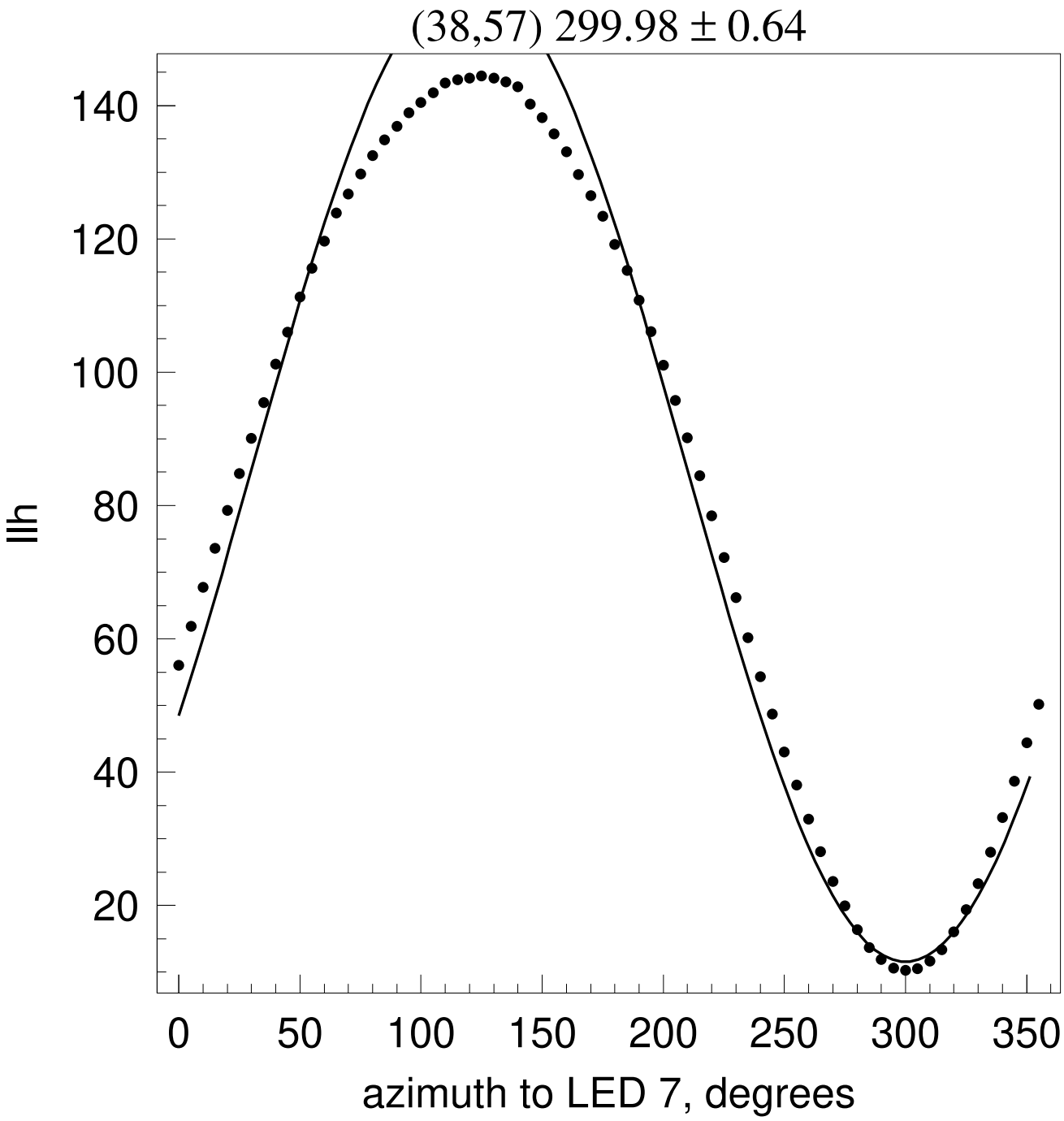

(38,52) 301.24 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

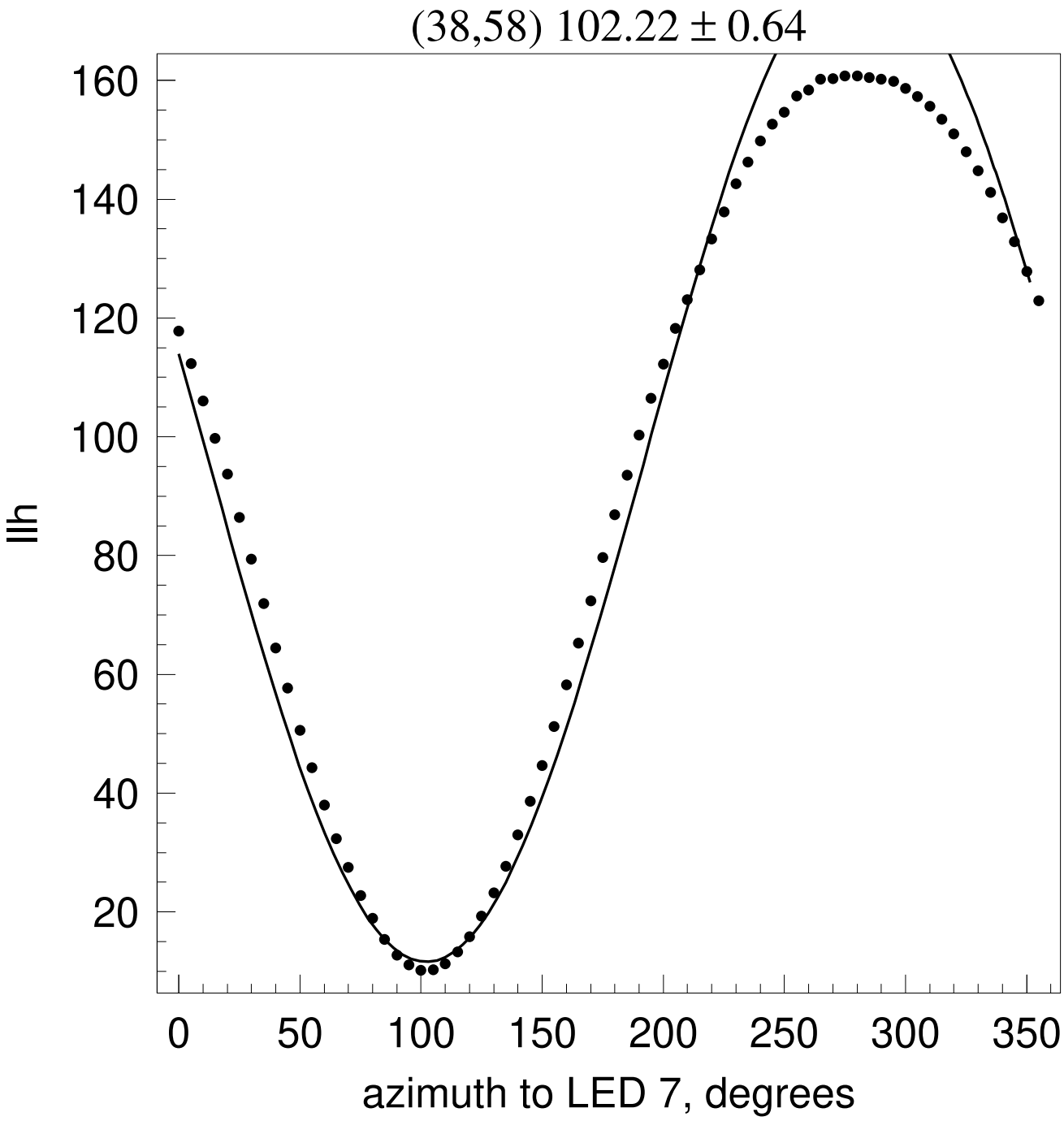

(38,53) 125.38 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

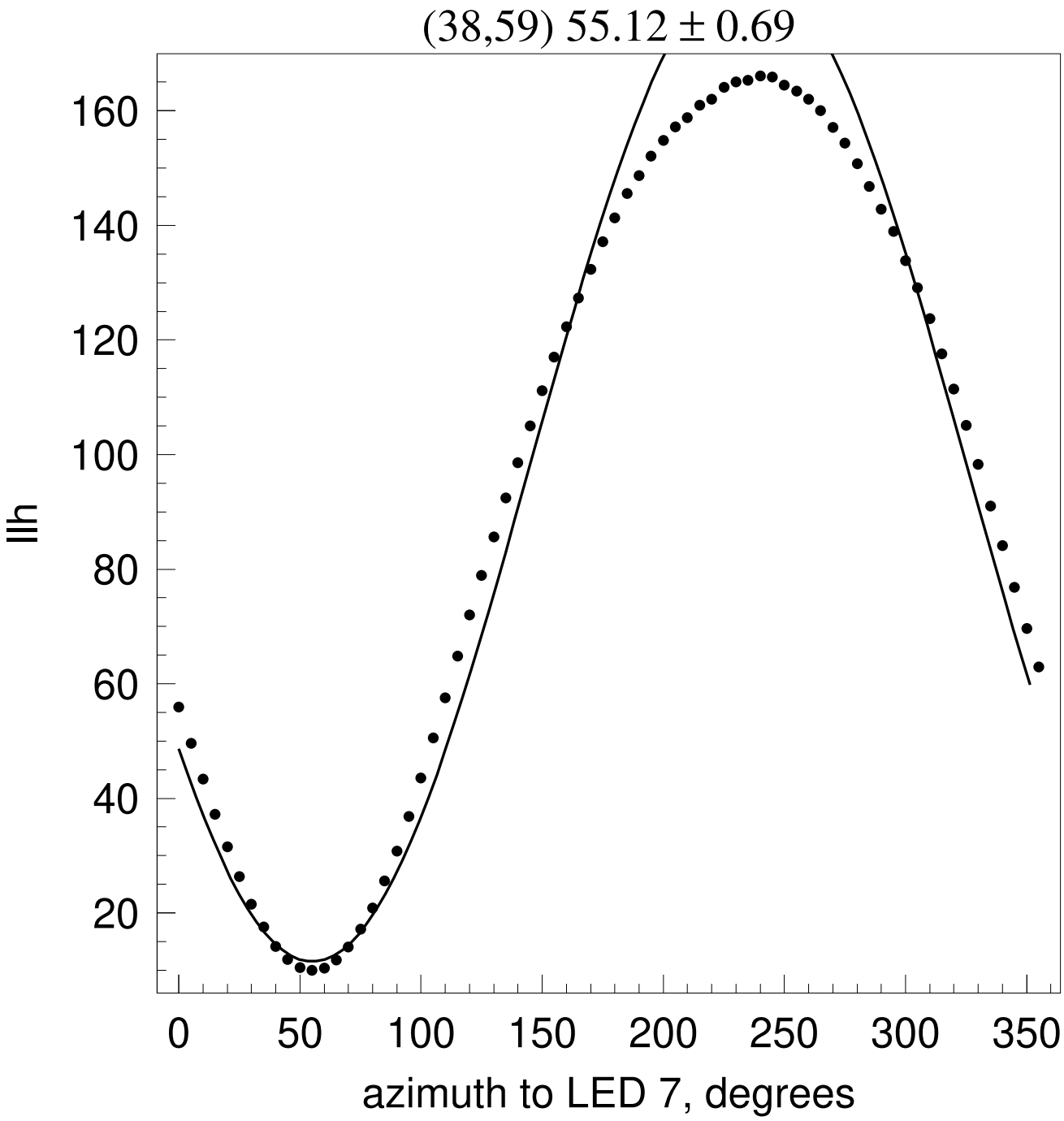

(38,54) 289.04 ± 0.26
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

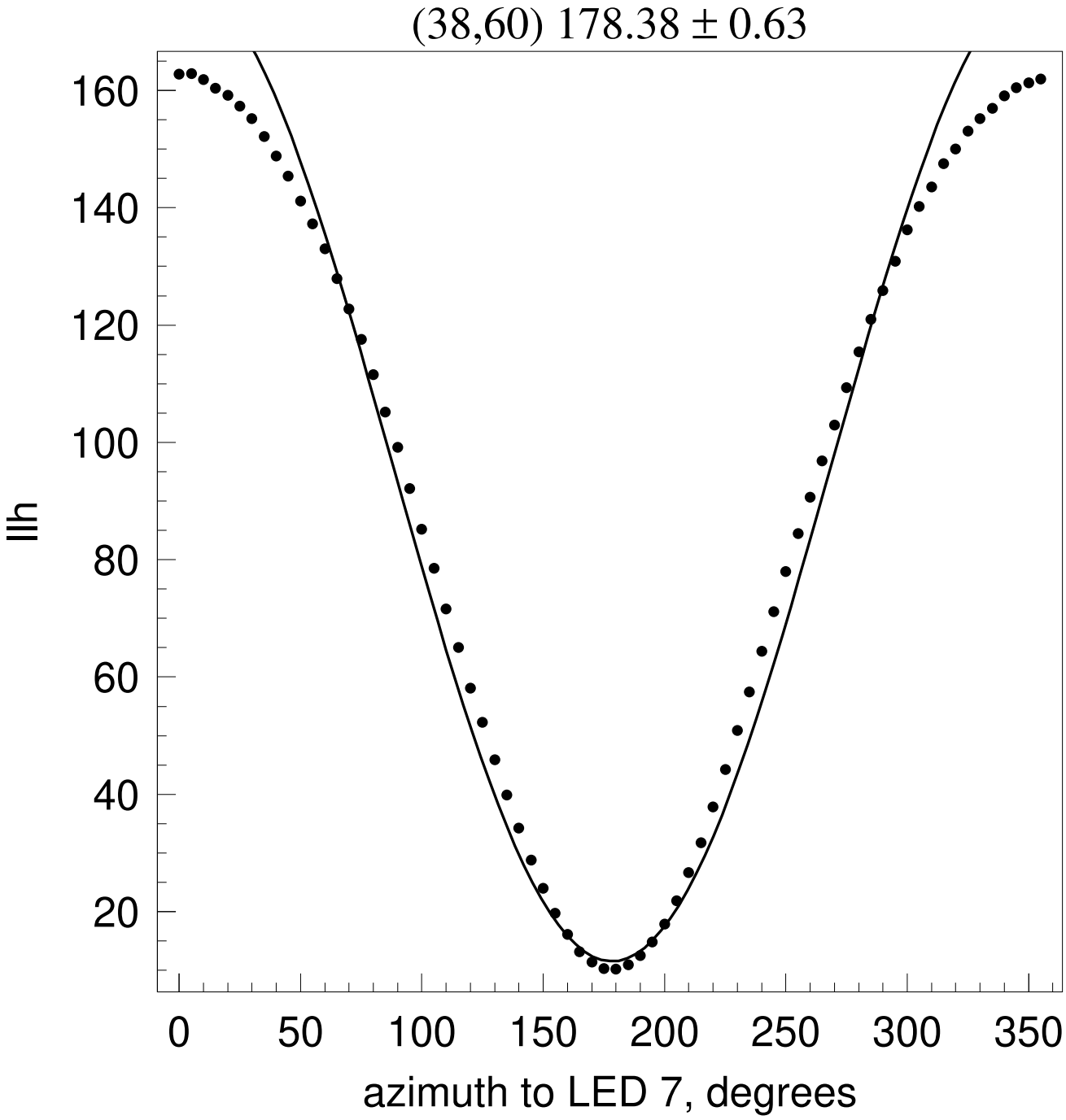

(38,55) 85.84 ± 0.39
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

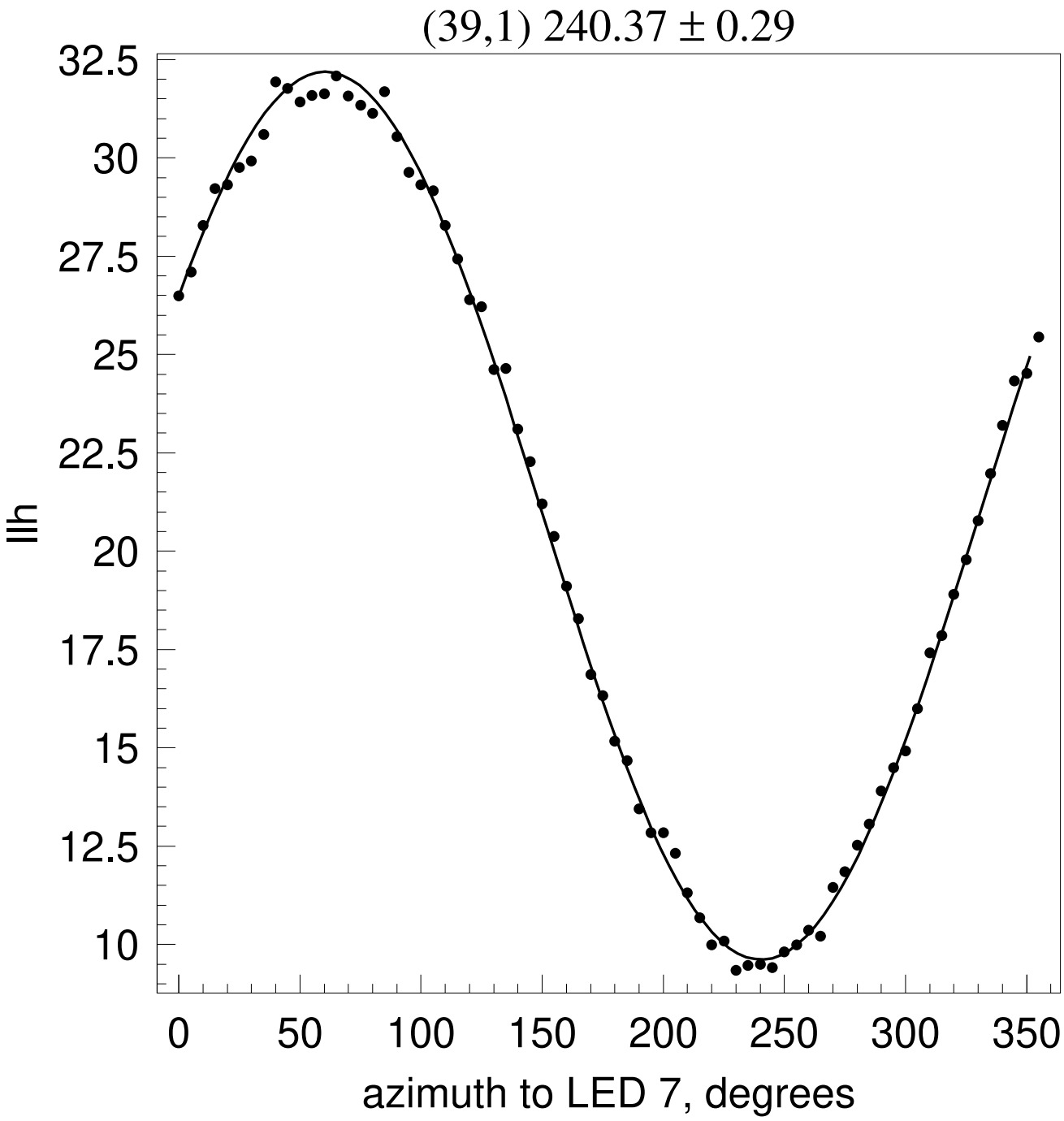

(38,56) 179.02 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

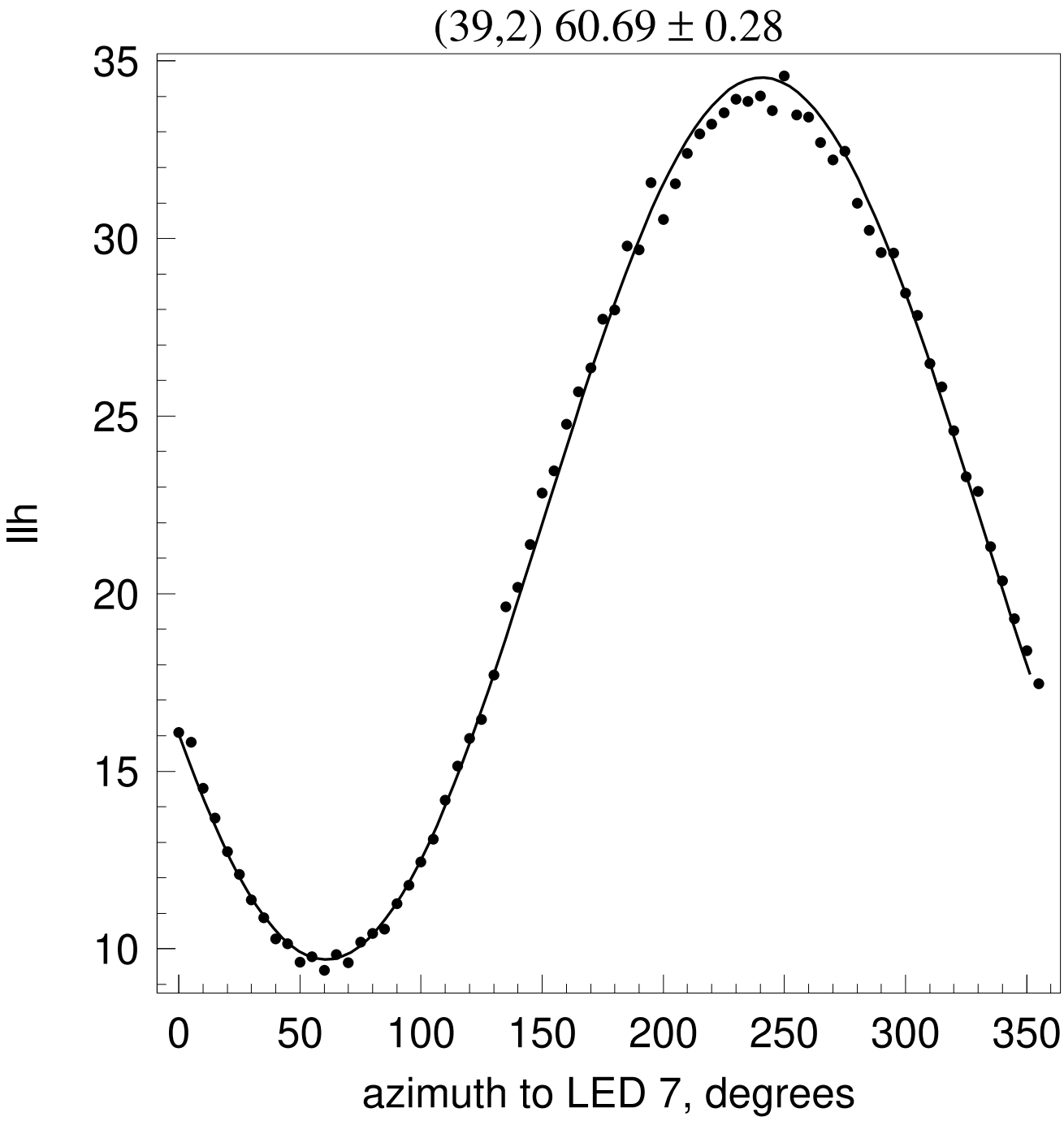

(38,57) 299.98 ± 0.64
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

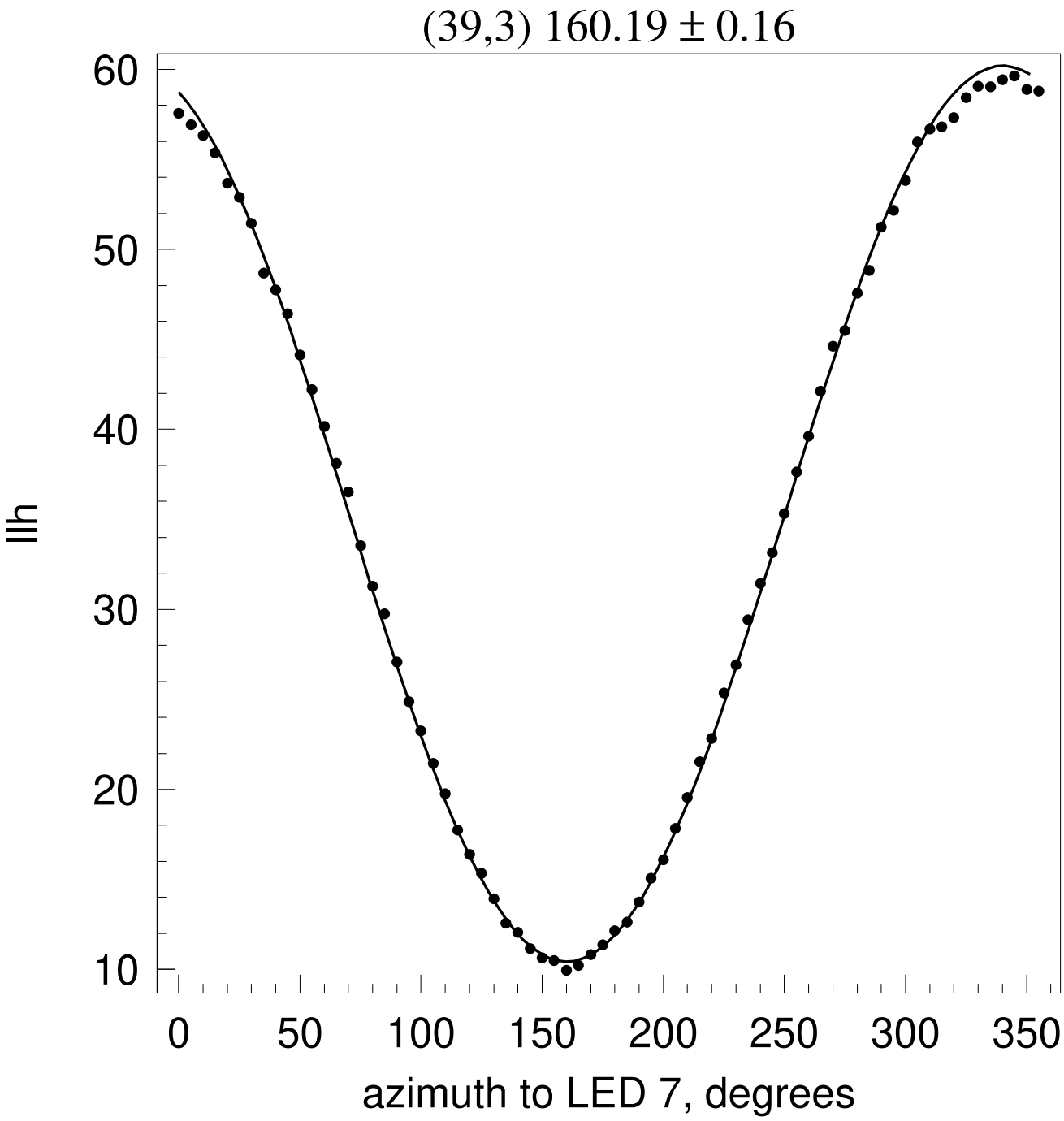

(38,58) 102.22 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

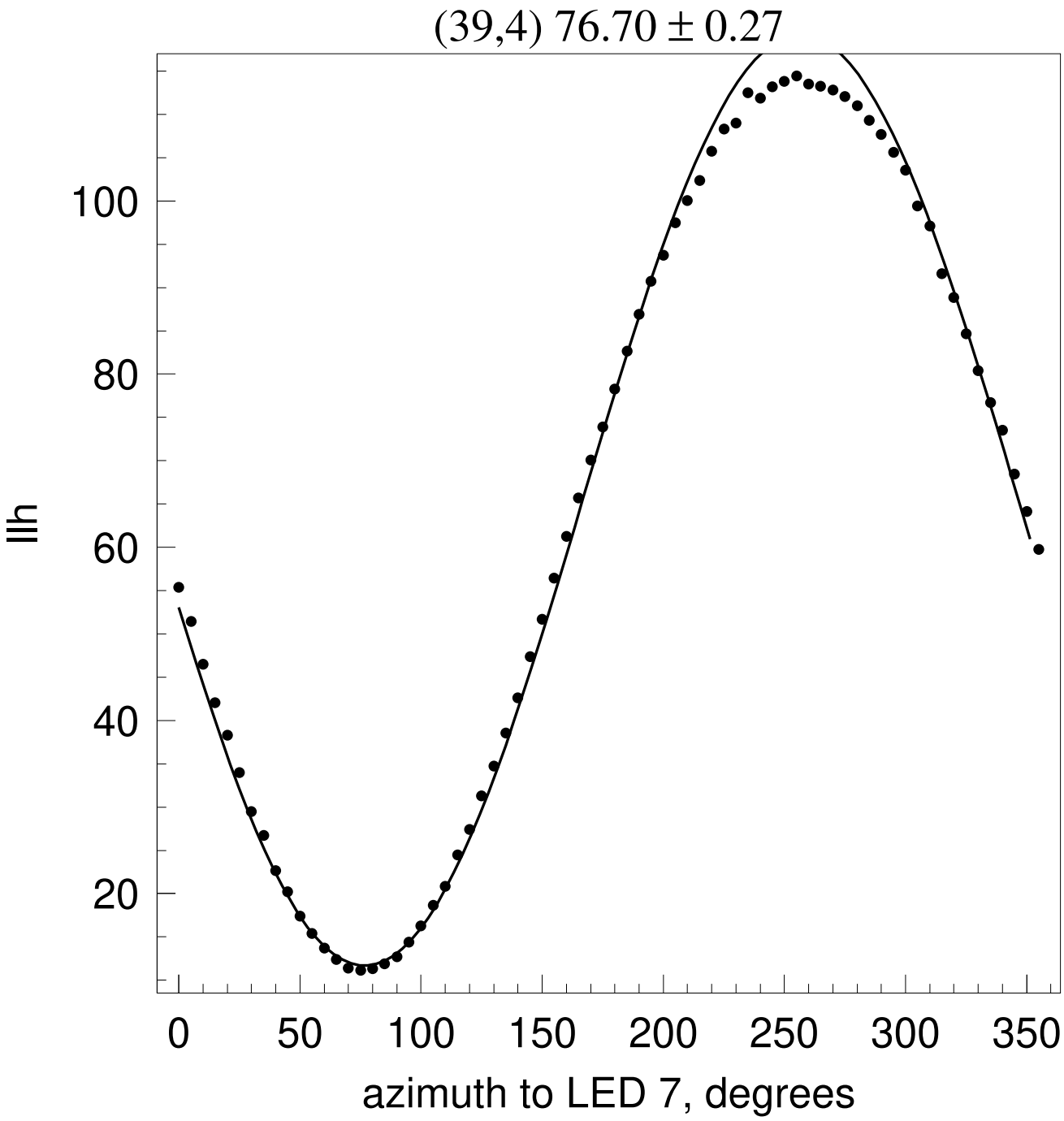

(38,59) 55.12 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

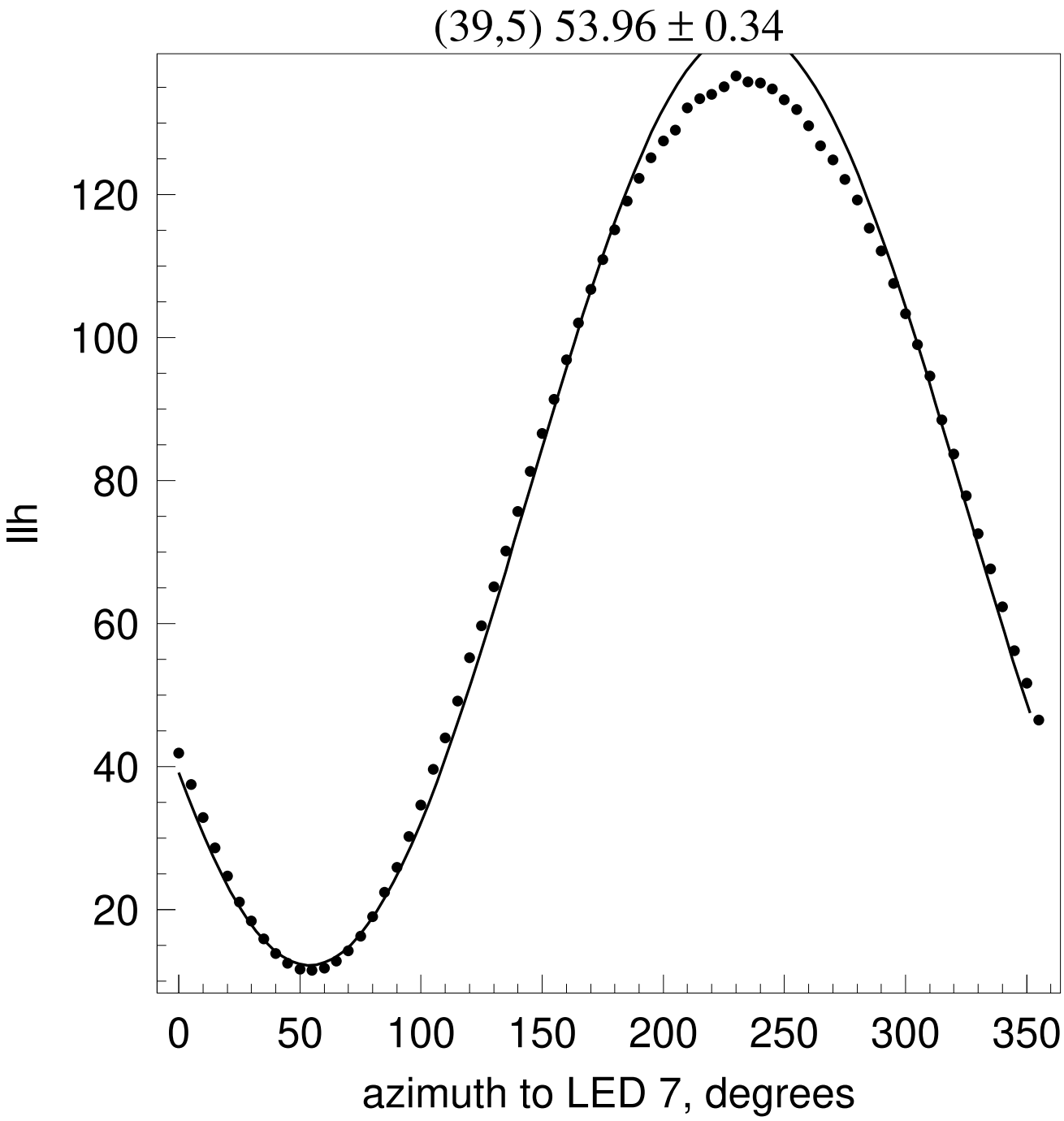

(38,60) 178.38 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

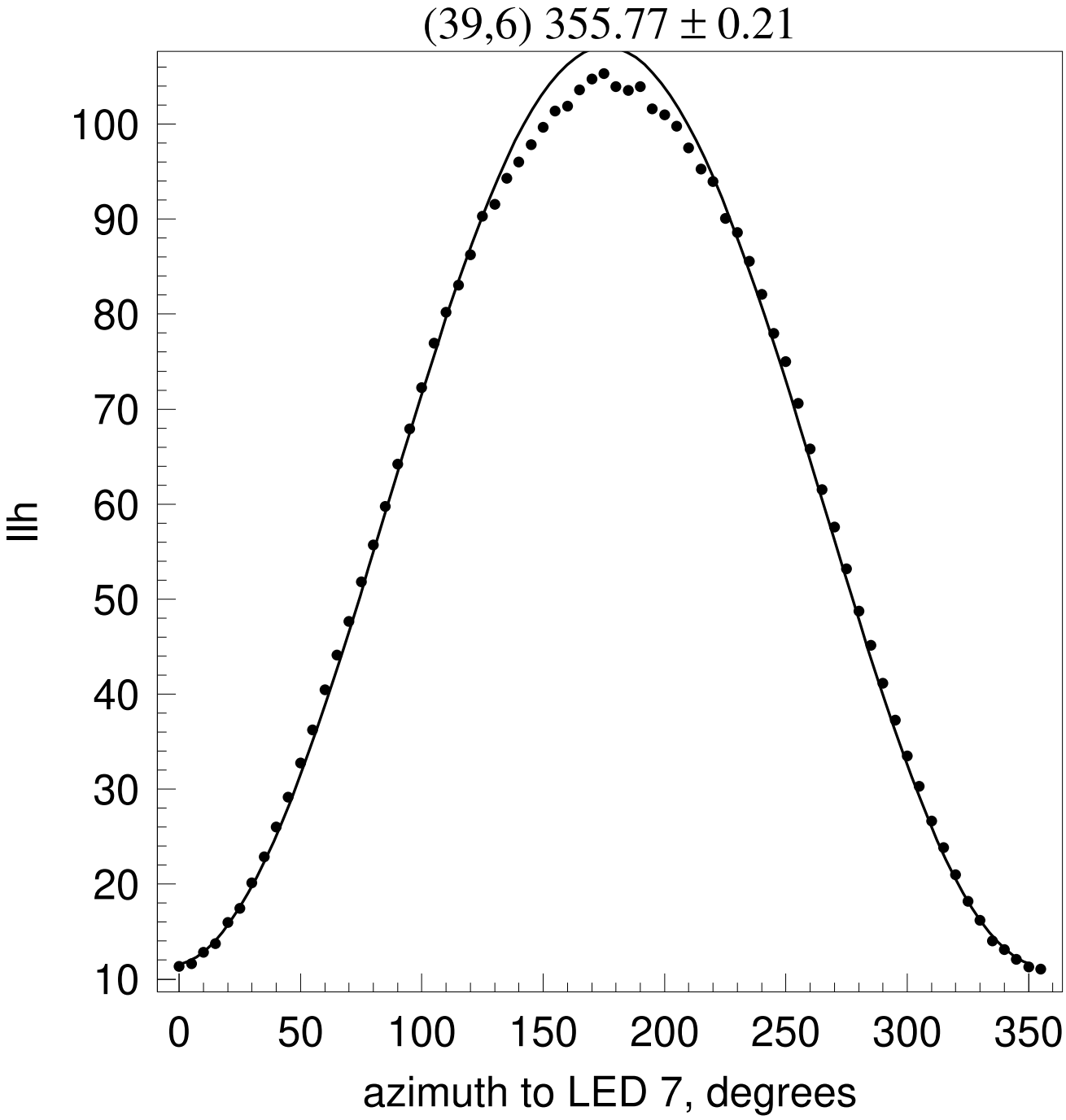

(39,1) 240.37 ± 0.29
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

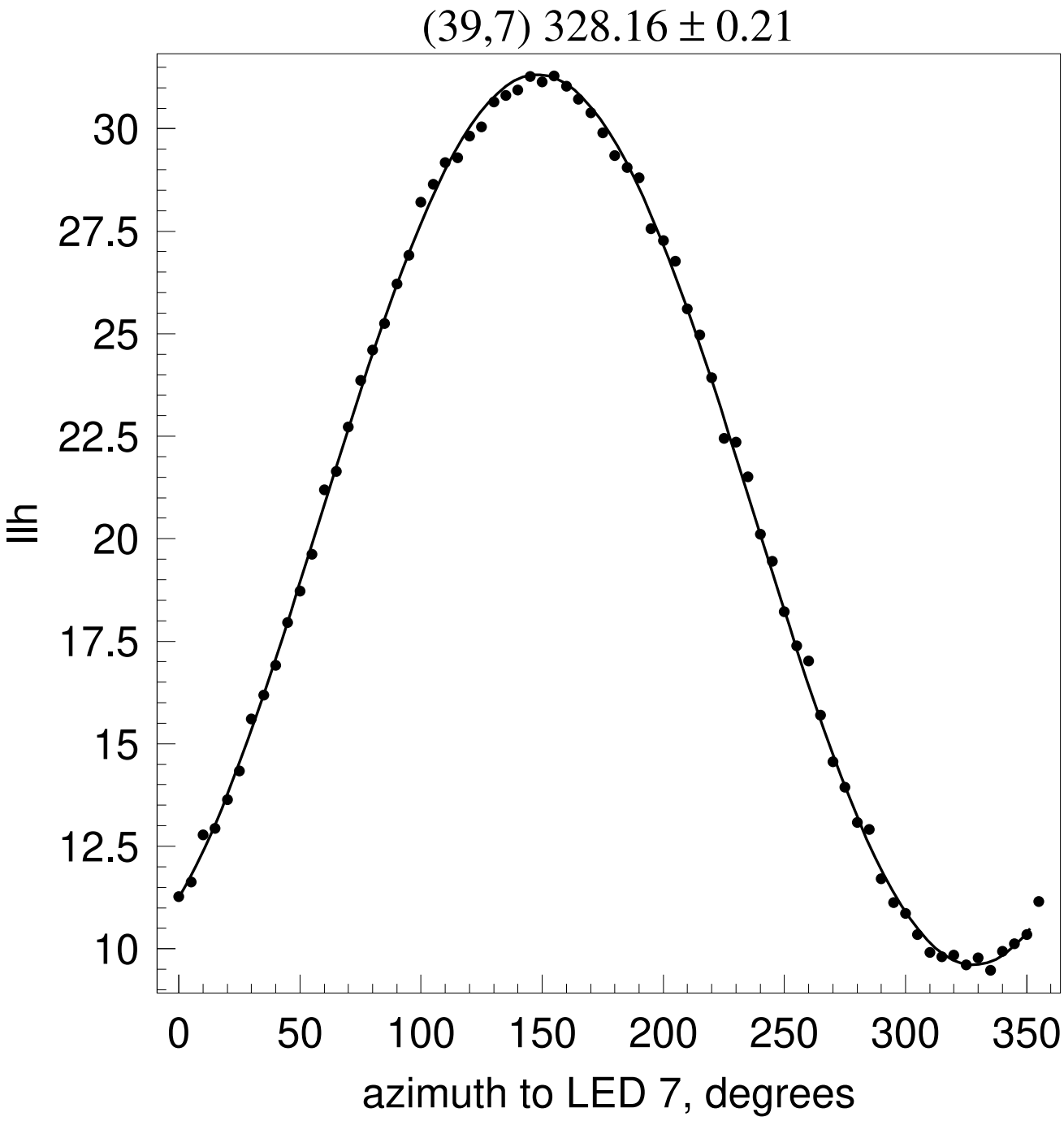

(39,2) 60.69 ± 0.28
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

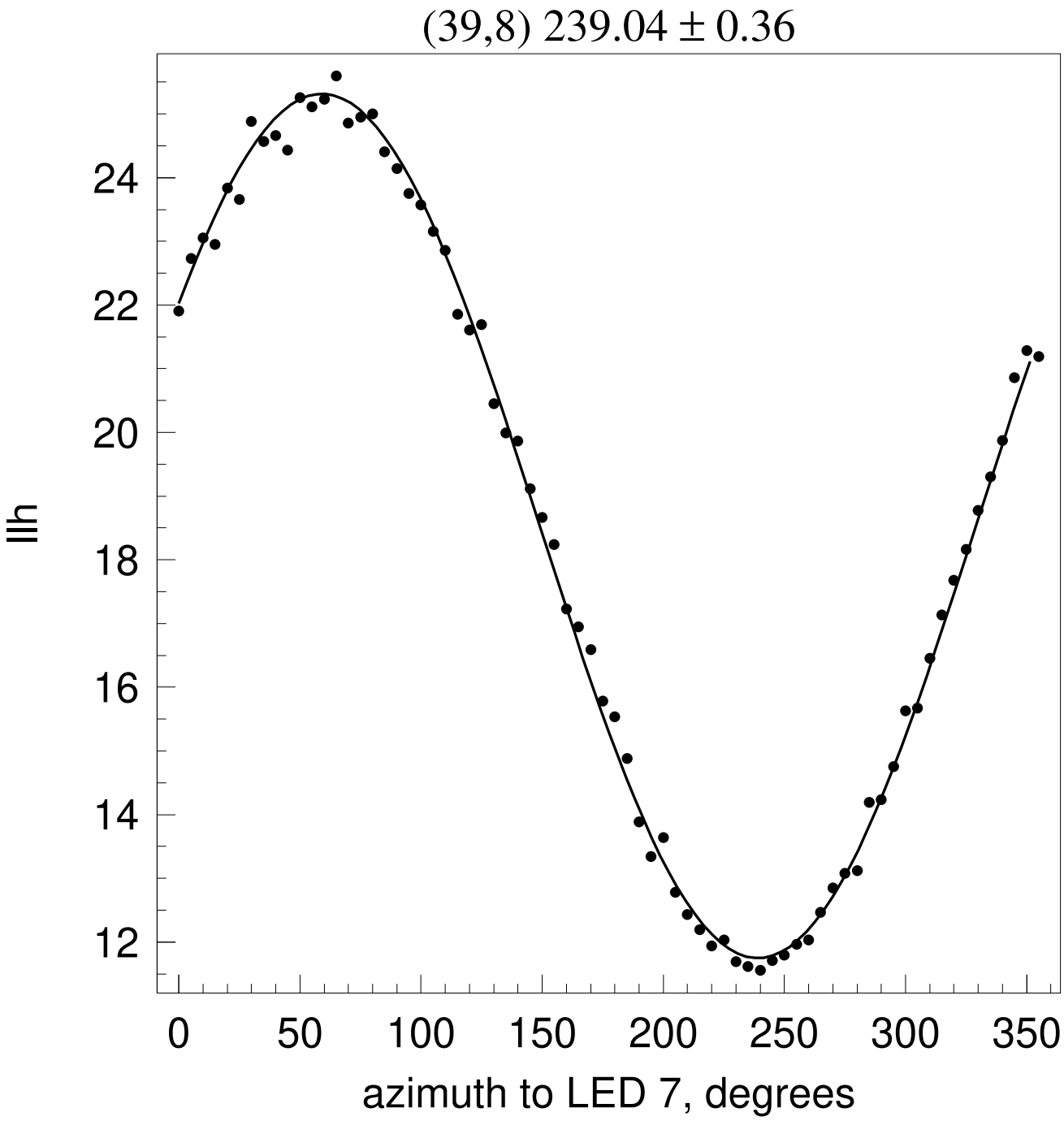

(39,3) 160.19 ± 0.16
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

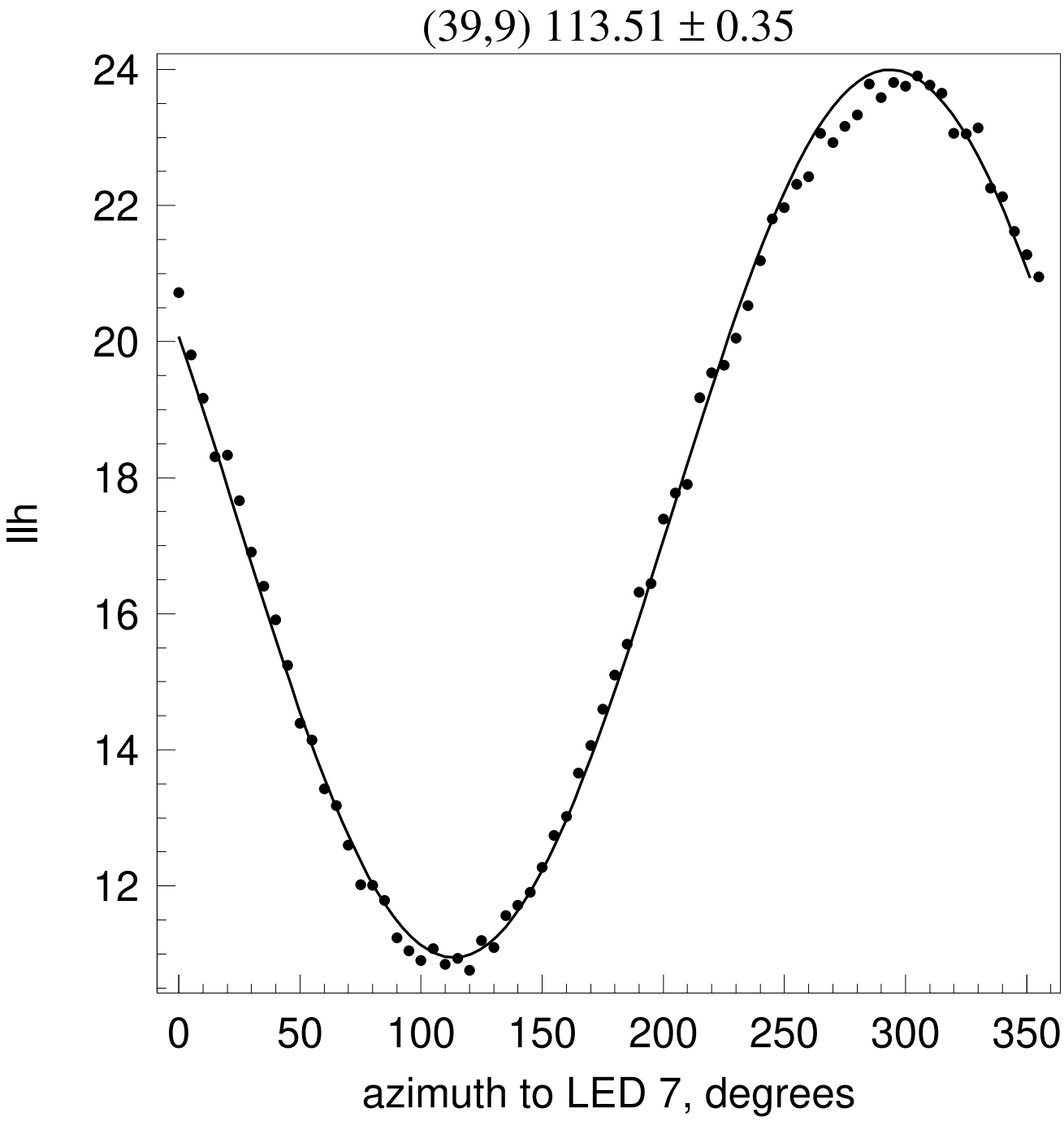

(39,4) 76.70 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

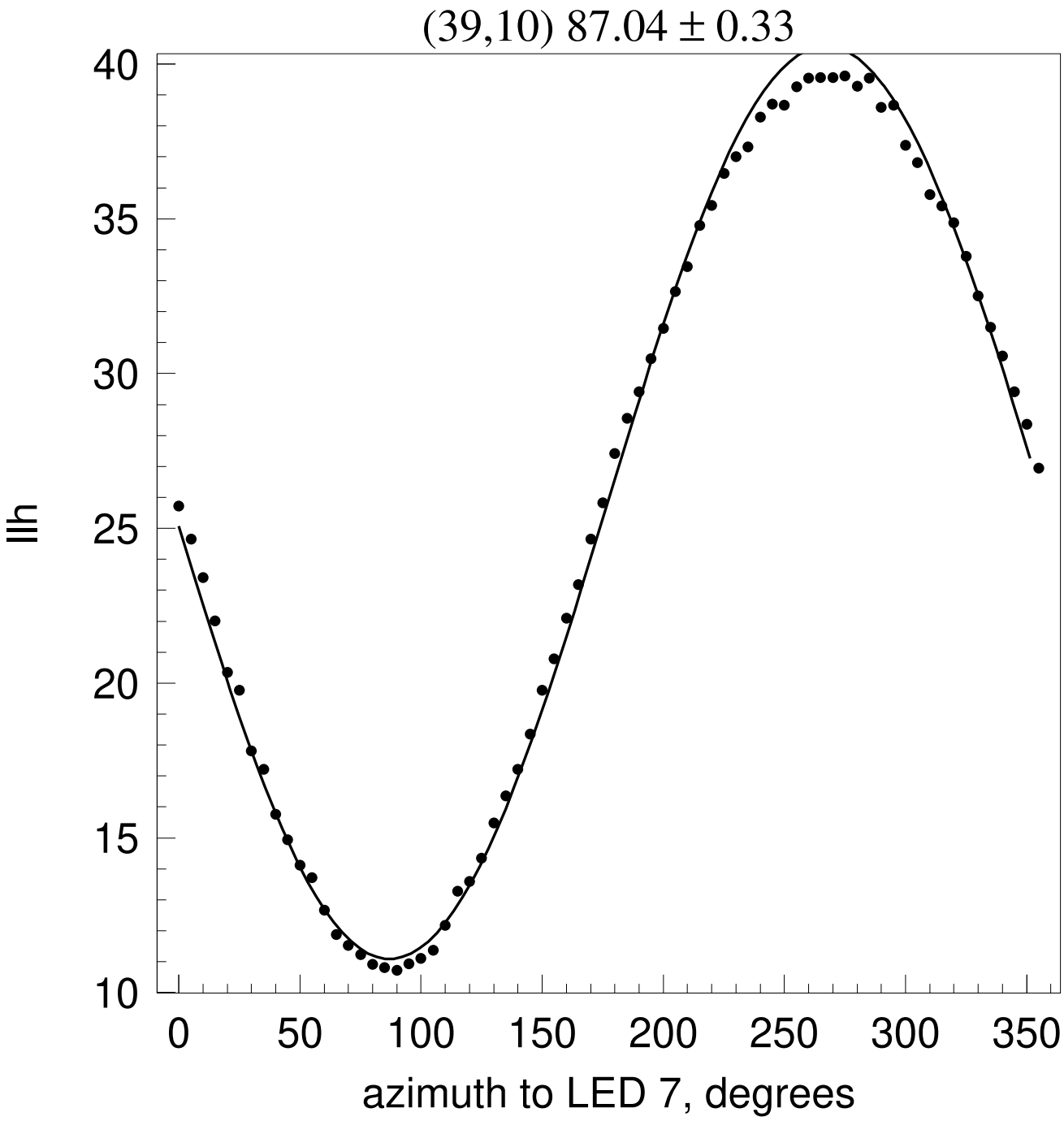

(39,5) 53.96 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

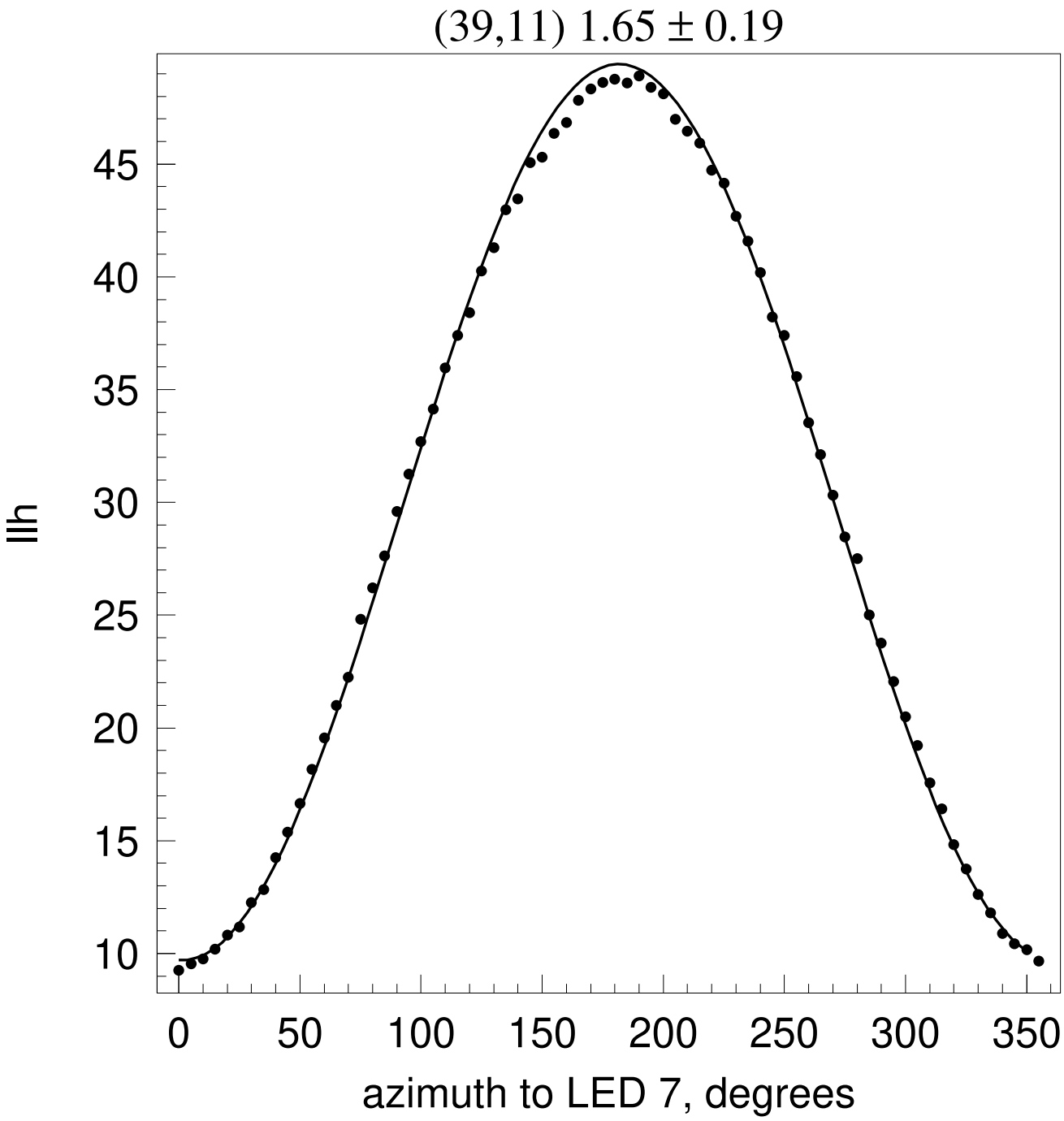

(39,6) 355.77 ± 0.21
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

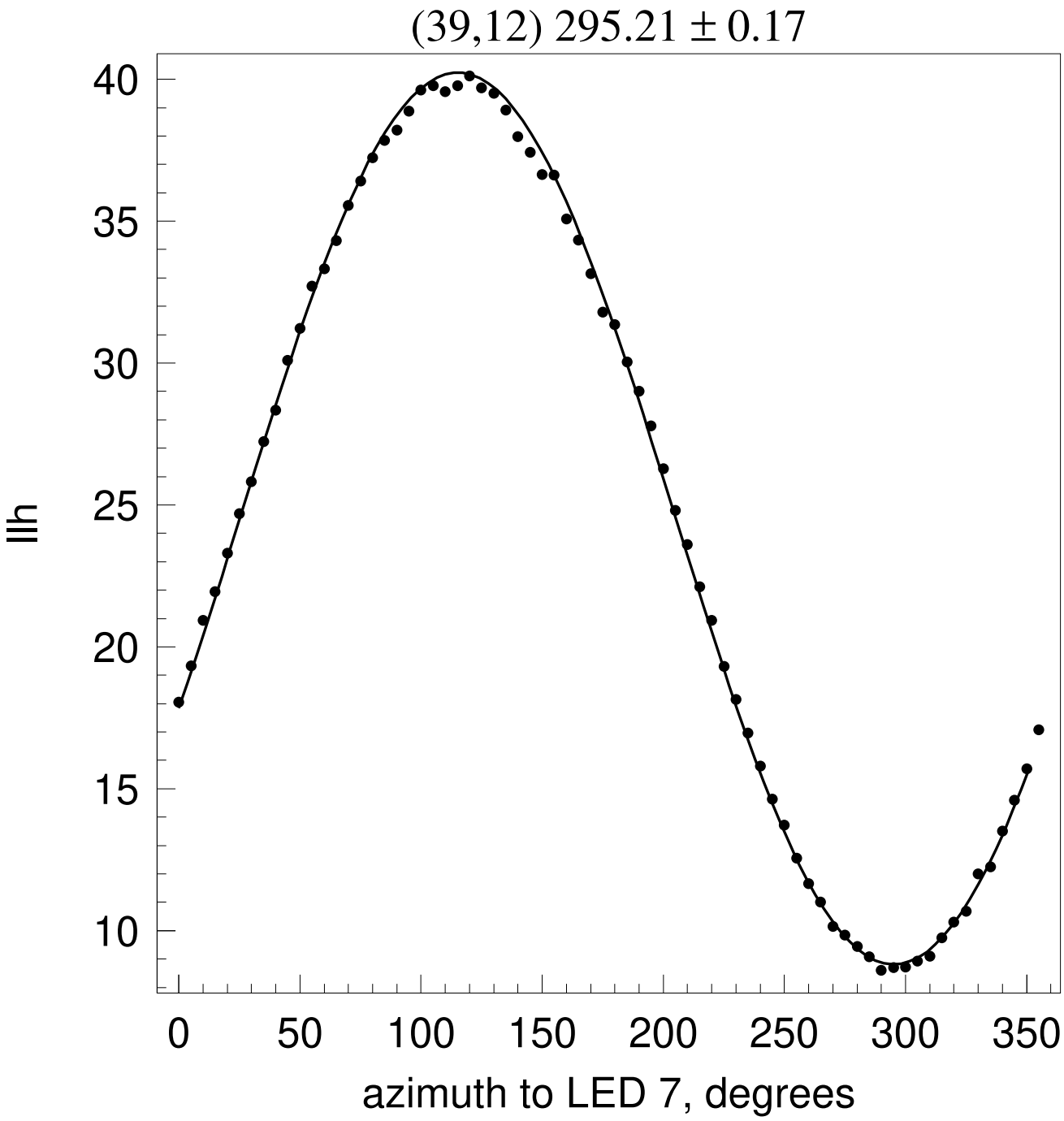

(39,7) 328.16 ± 0.21
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

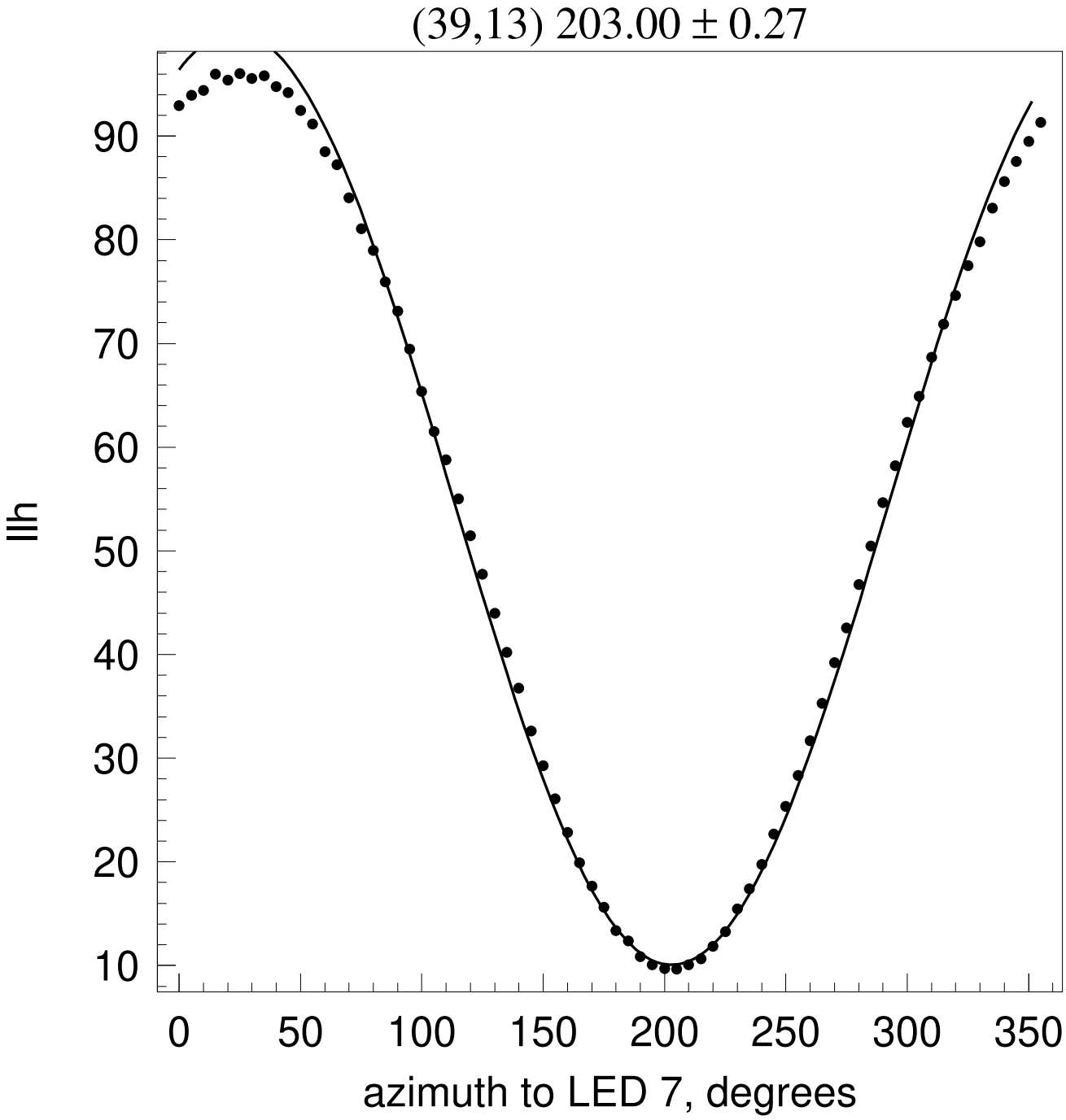

(39,8) 239.04 ± 0.36
24
22
20
18
16
14
12
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

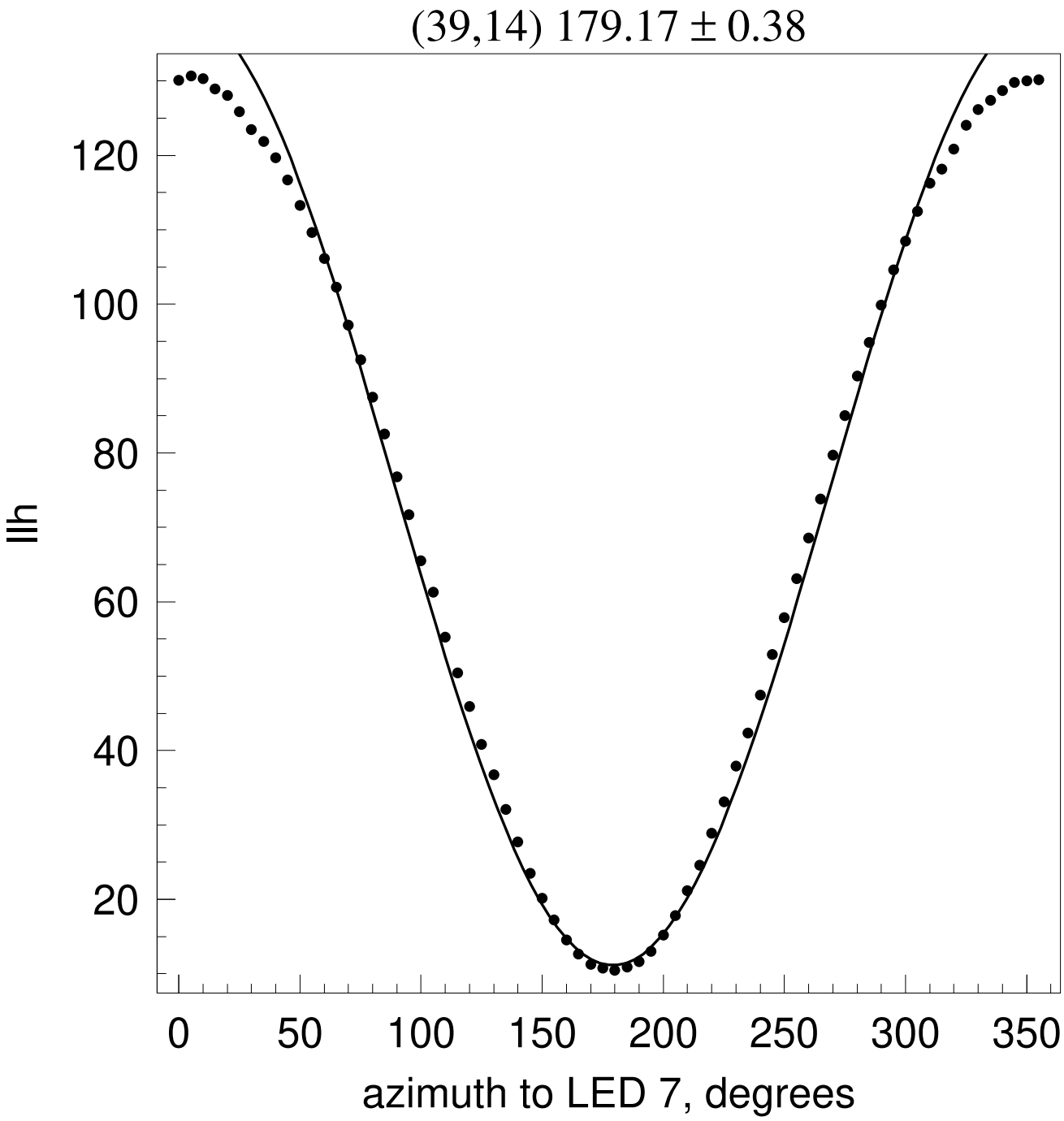

(39,9) 113.51 ± 0.35
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

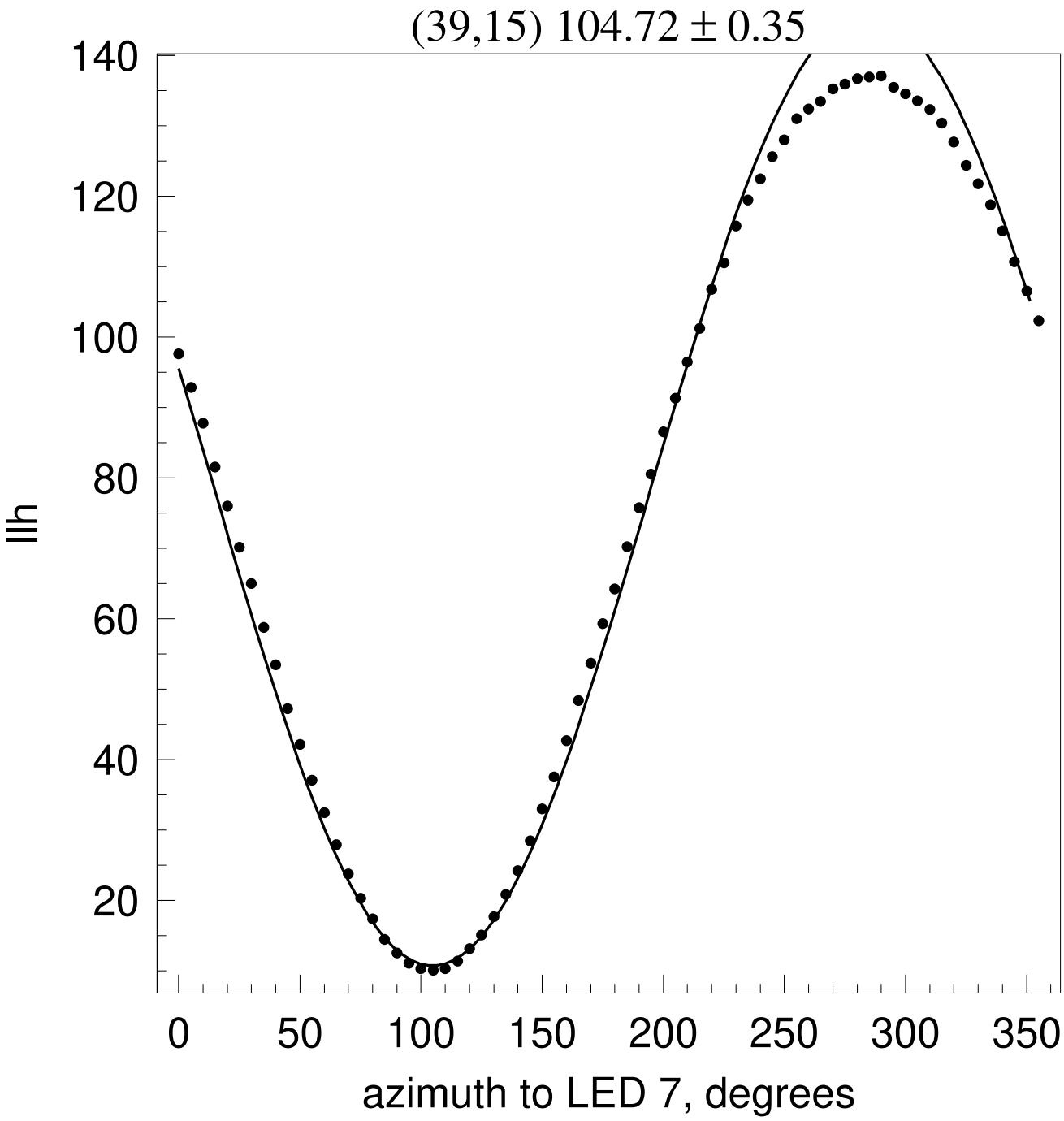

(39,10) 87.04 ± 0.33
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

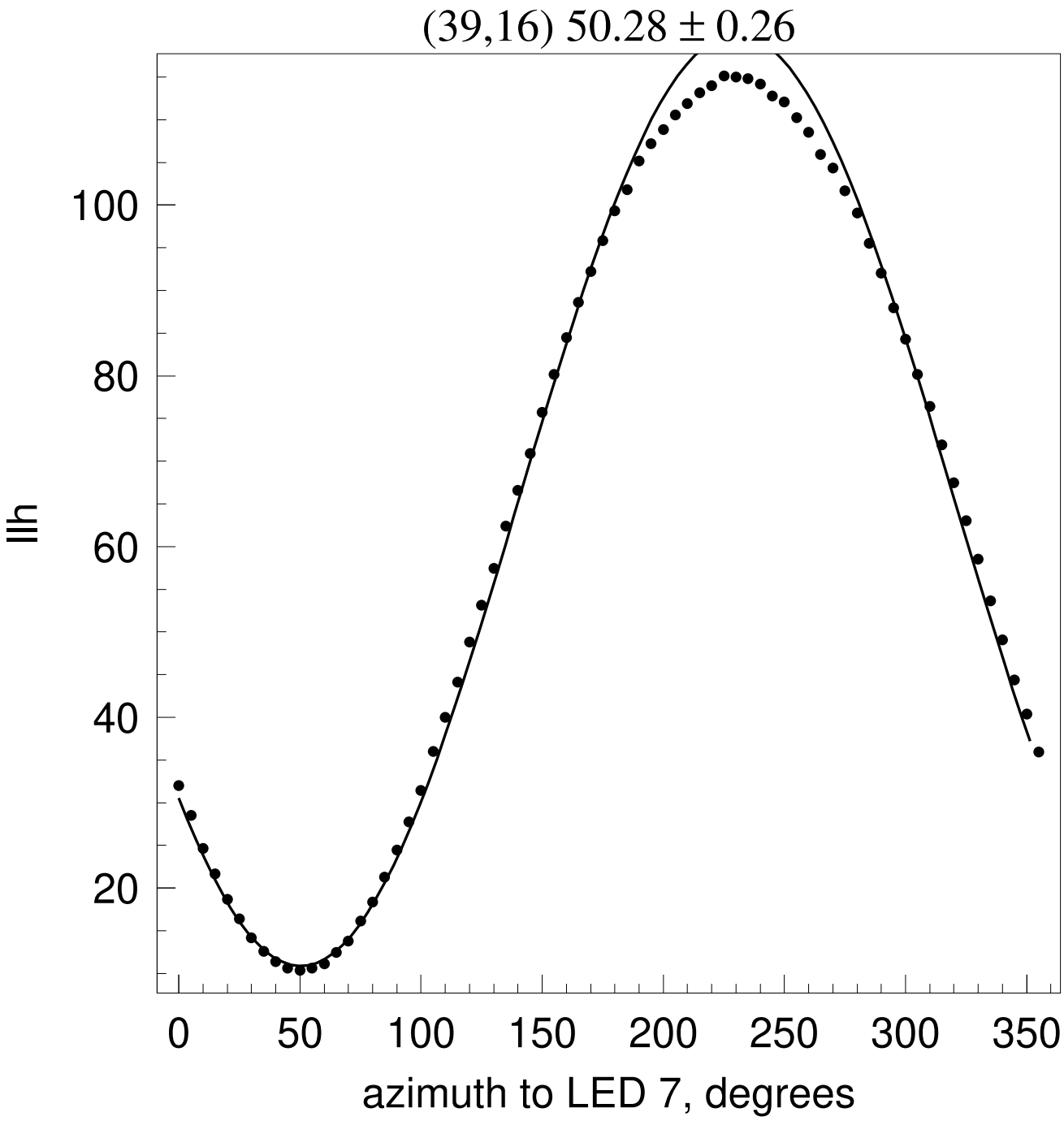

(39,11) 1.65 ± 0.19
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

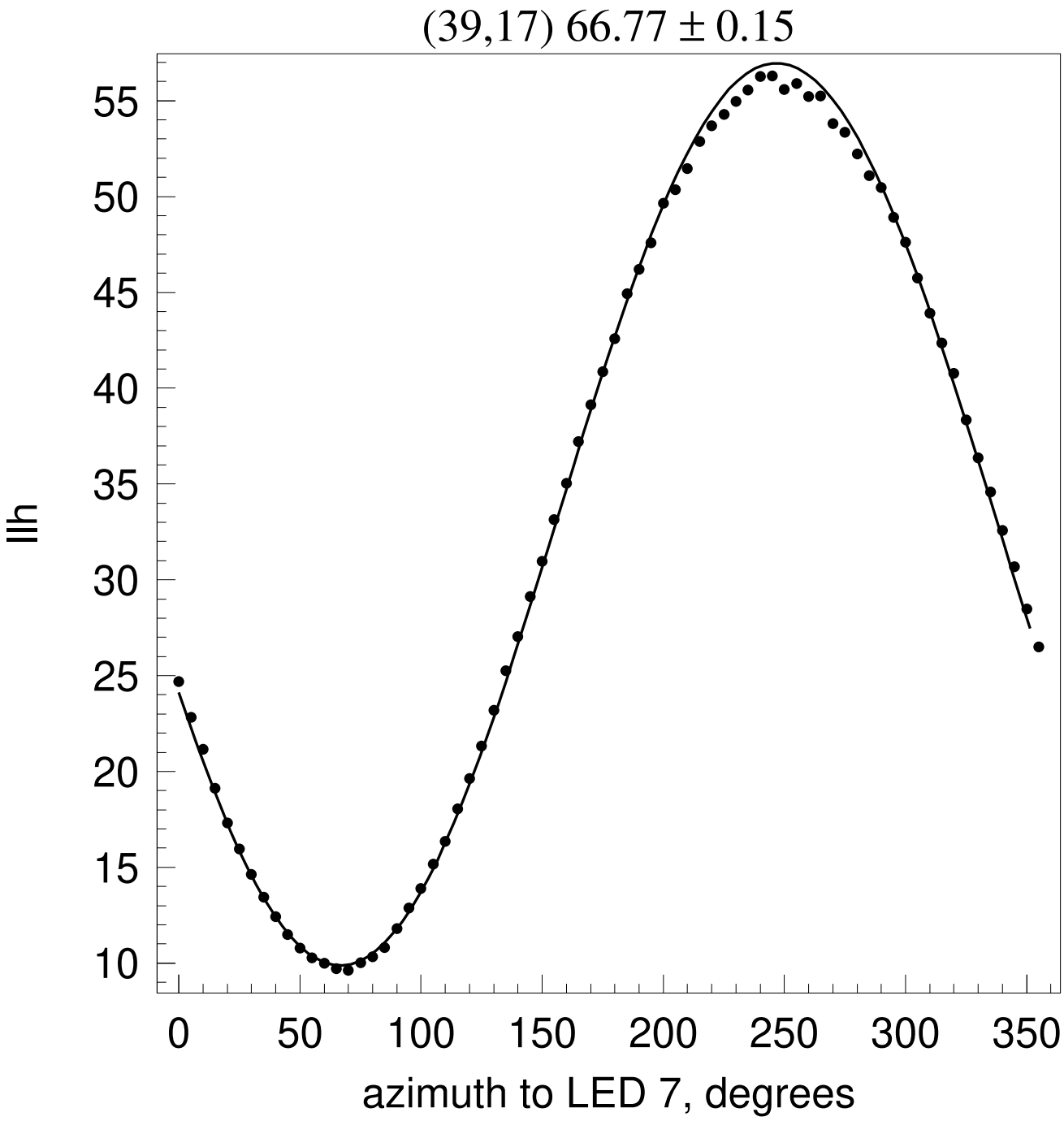

(39,12) 295.21 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

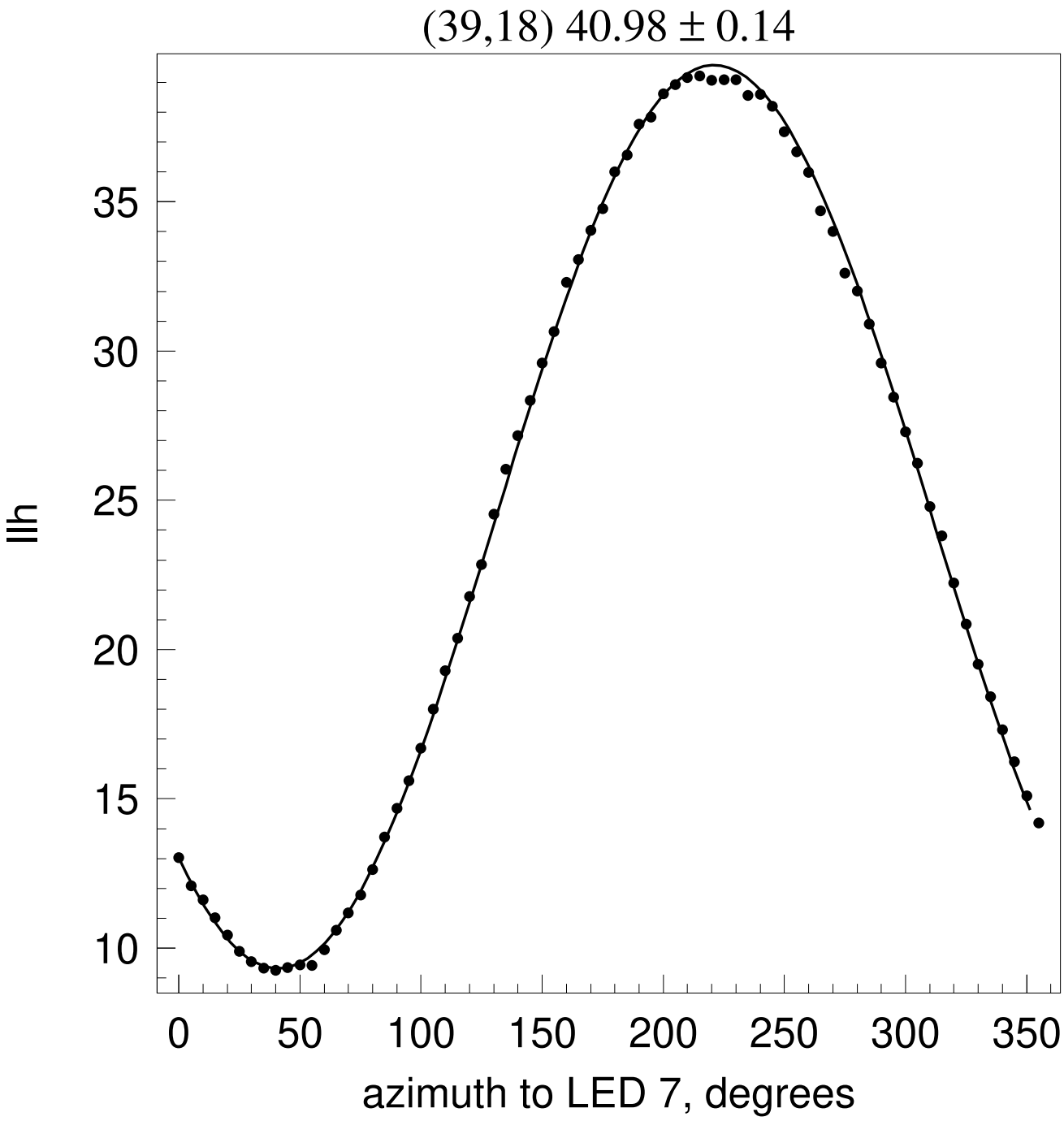

(39,13) 203.00 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

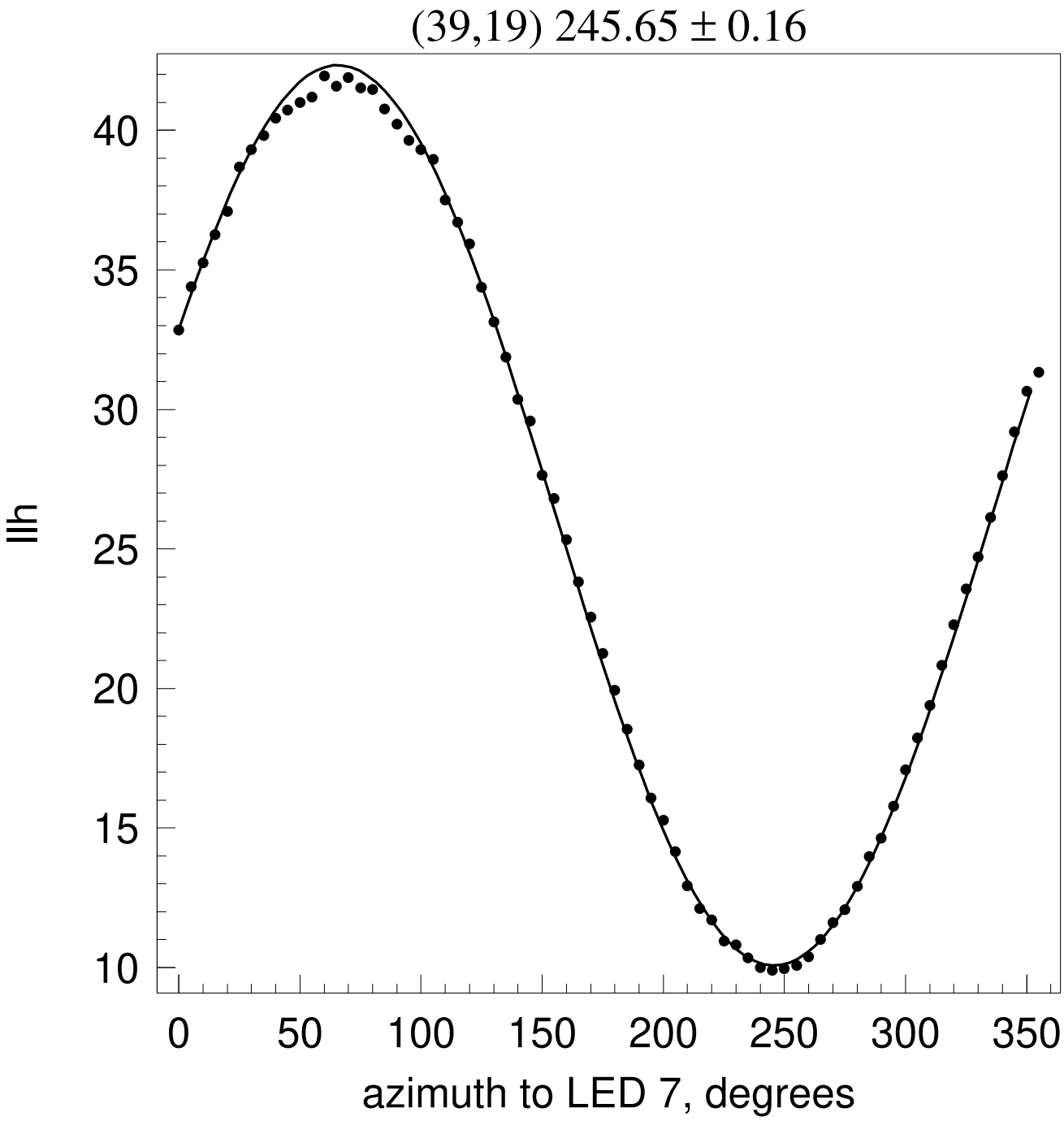

(39,14) 179.17 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

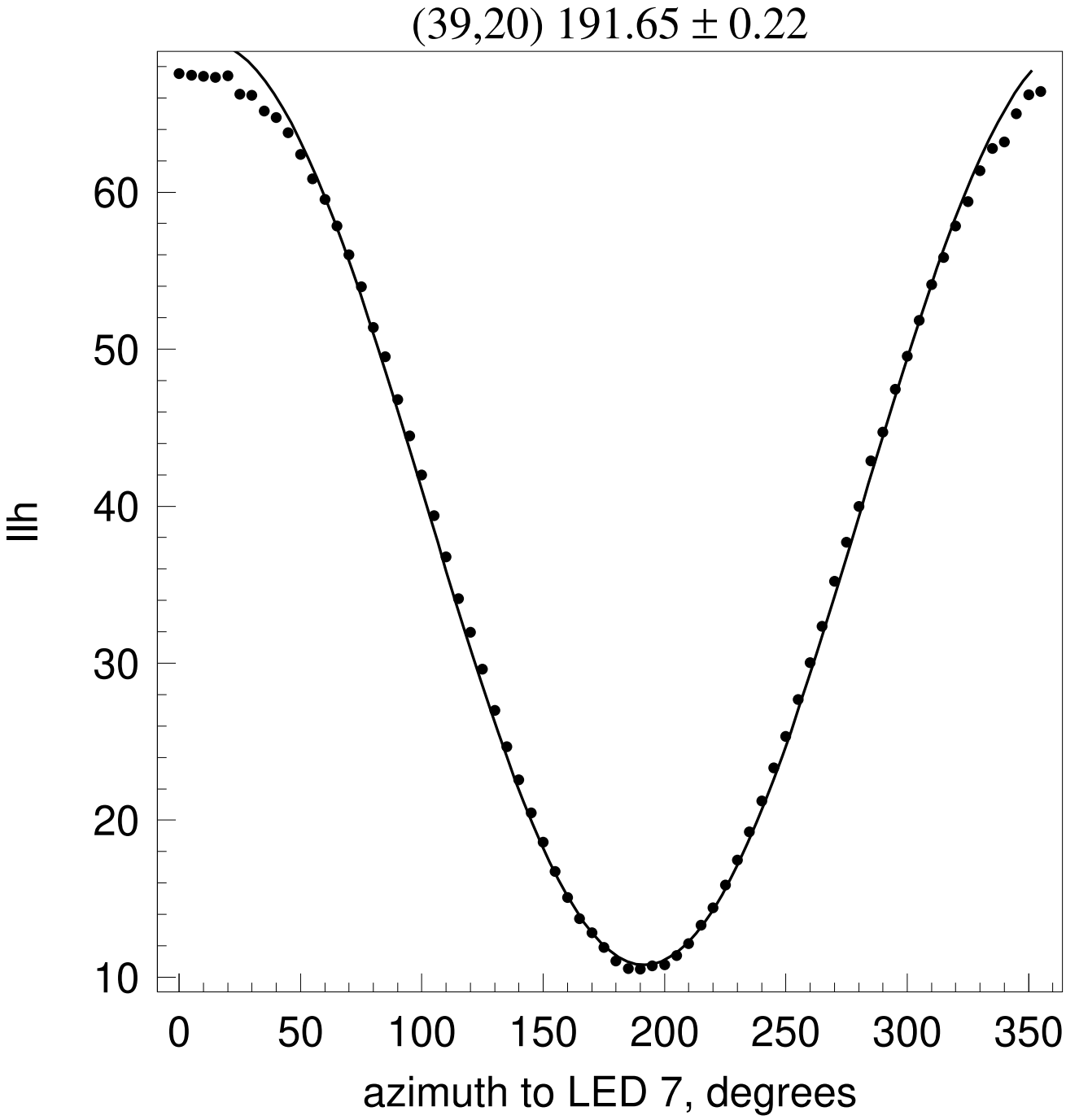

(39,15) 104.72 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

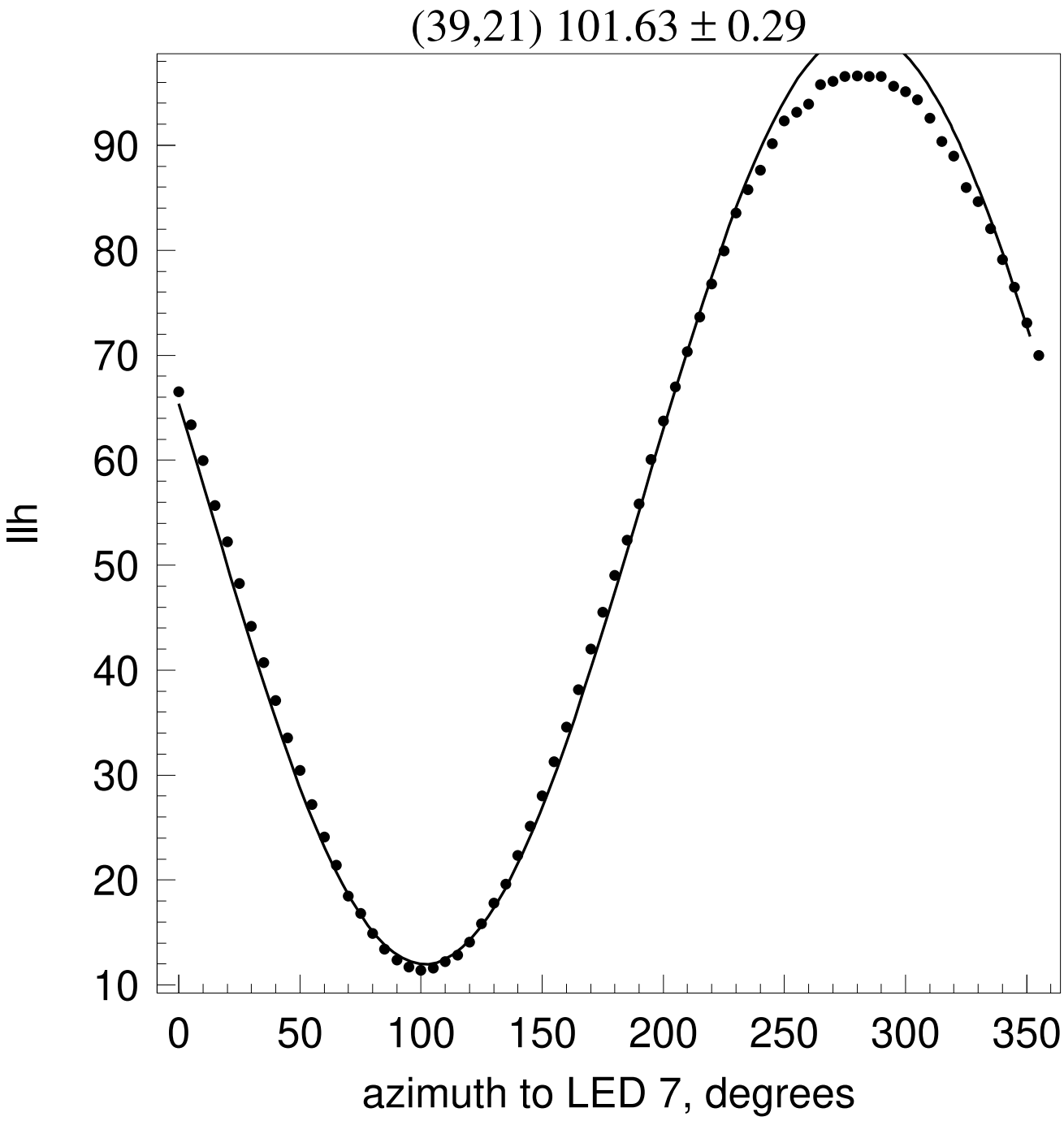

(39,16) 50.28 ± 0.26
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

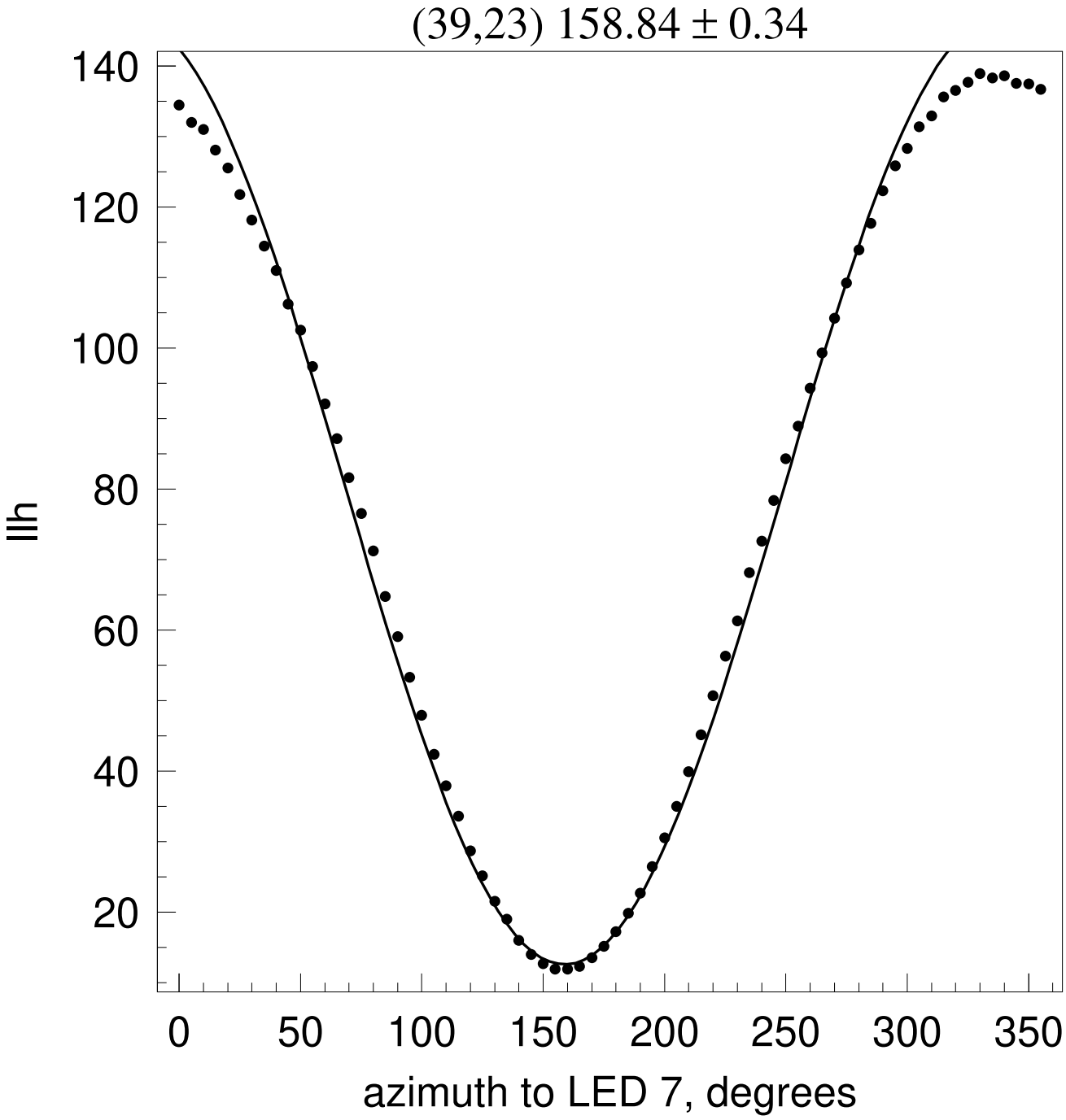

(39,17) 66.77 ± 0.15
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

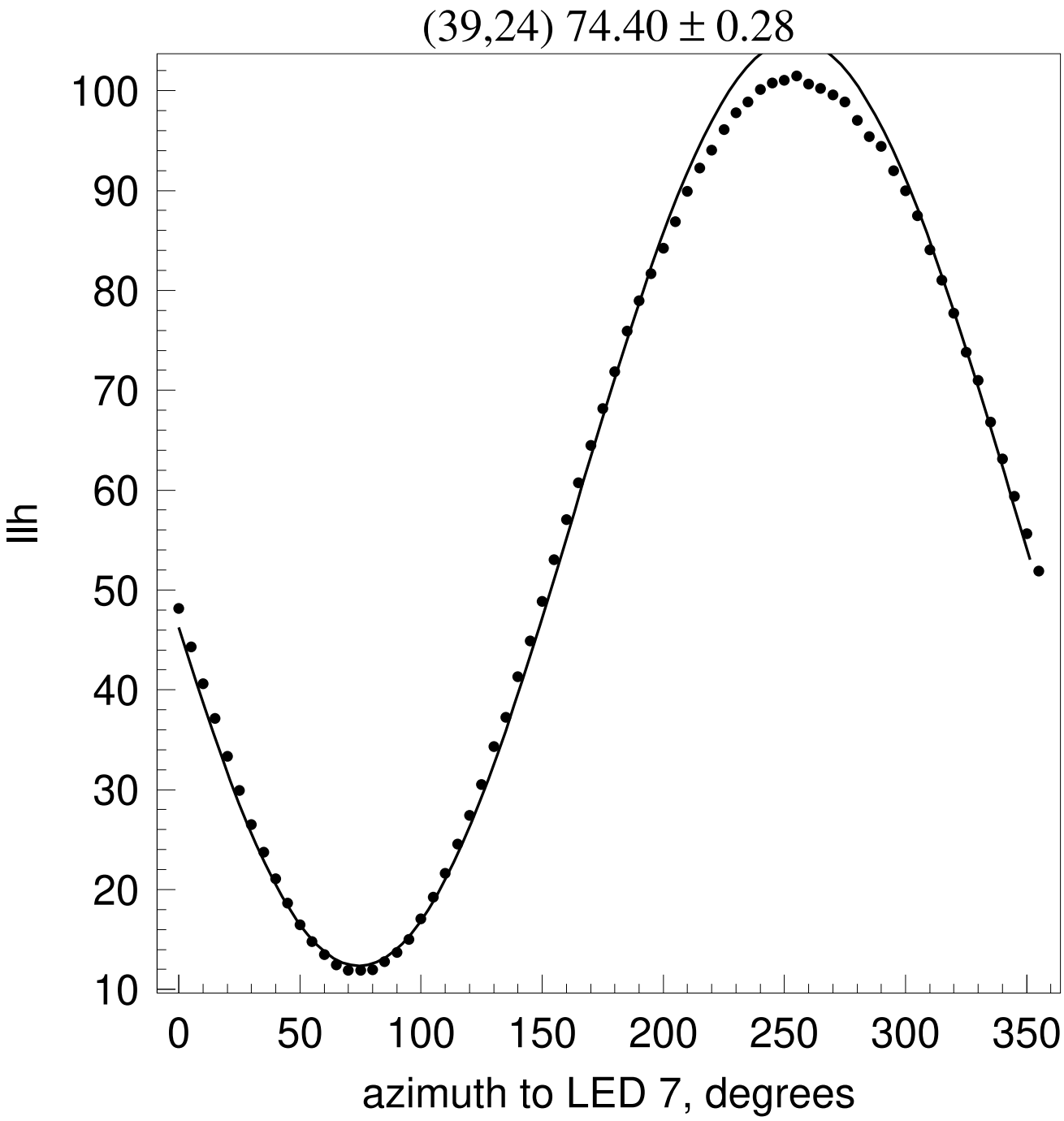

(39,18) 40.98 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

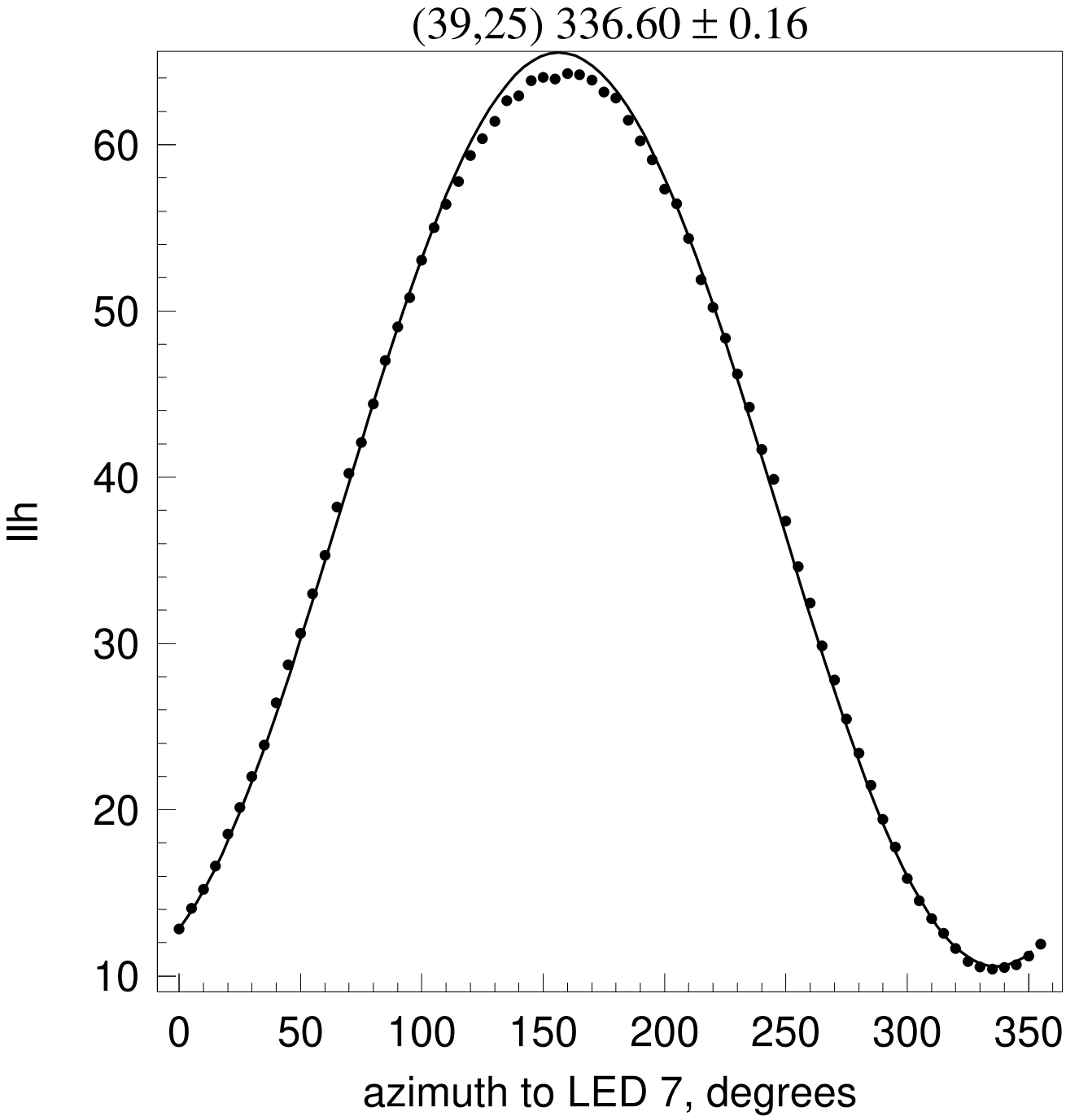

(39,19) 245.65 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

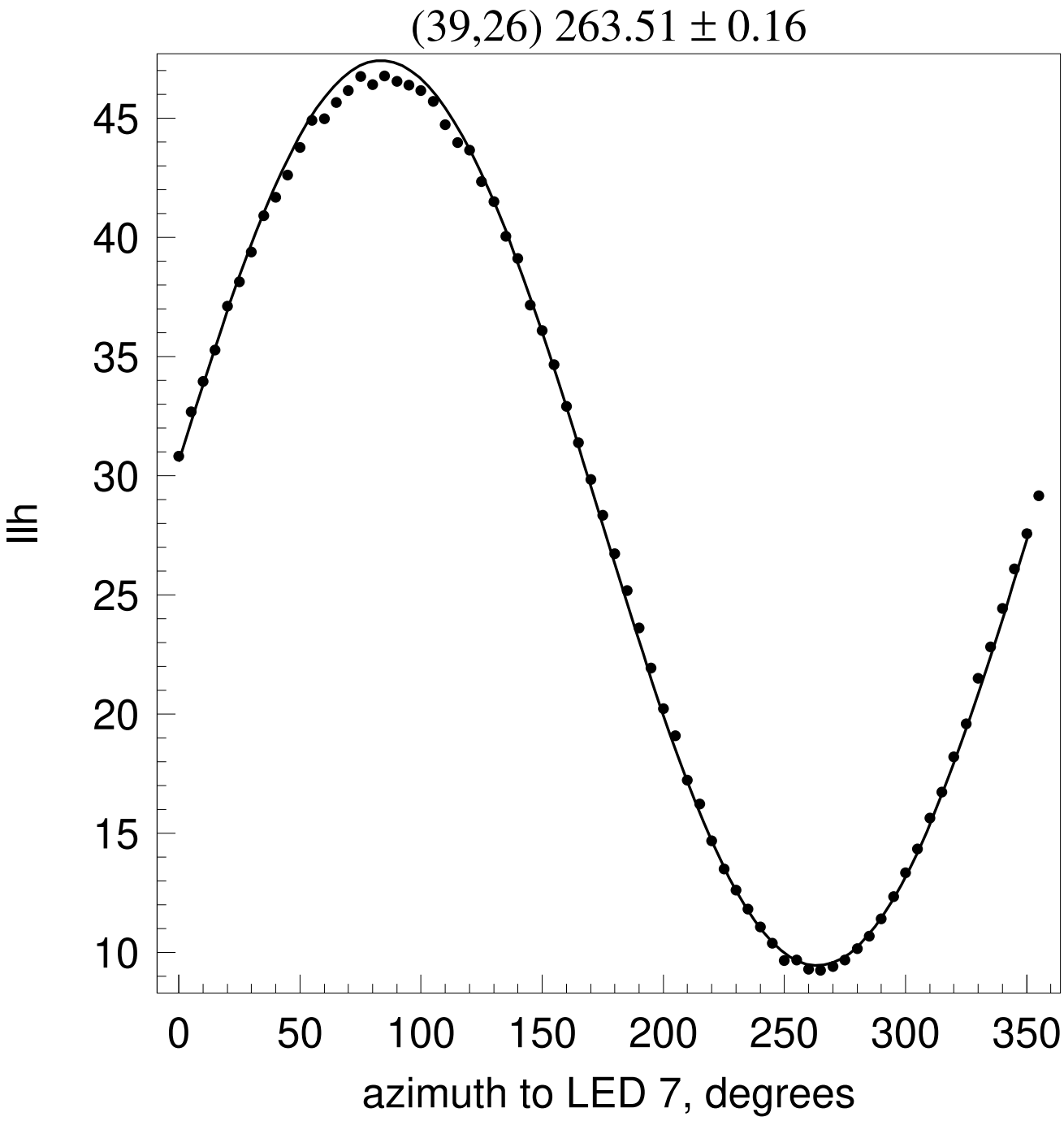

(39,20) 191.65 ± 0.22
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

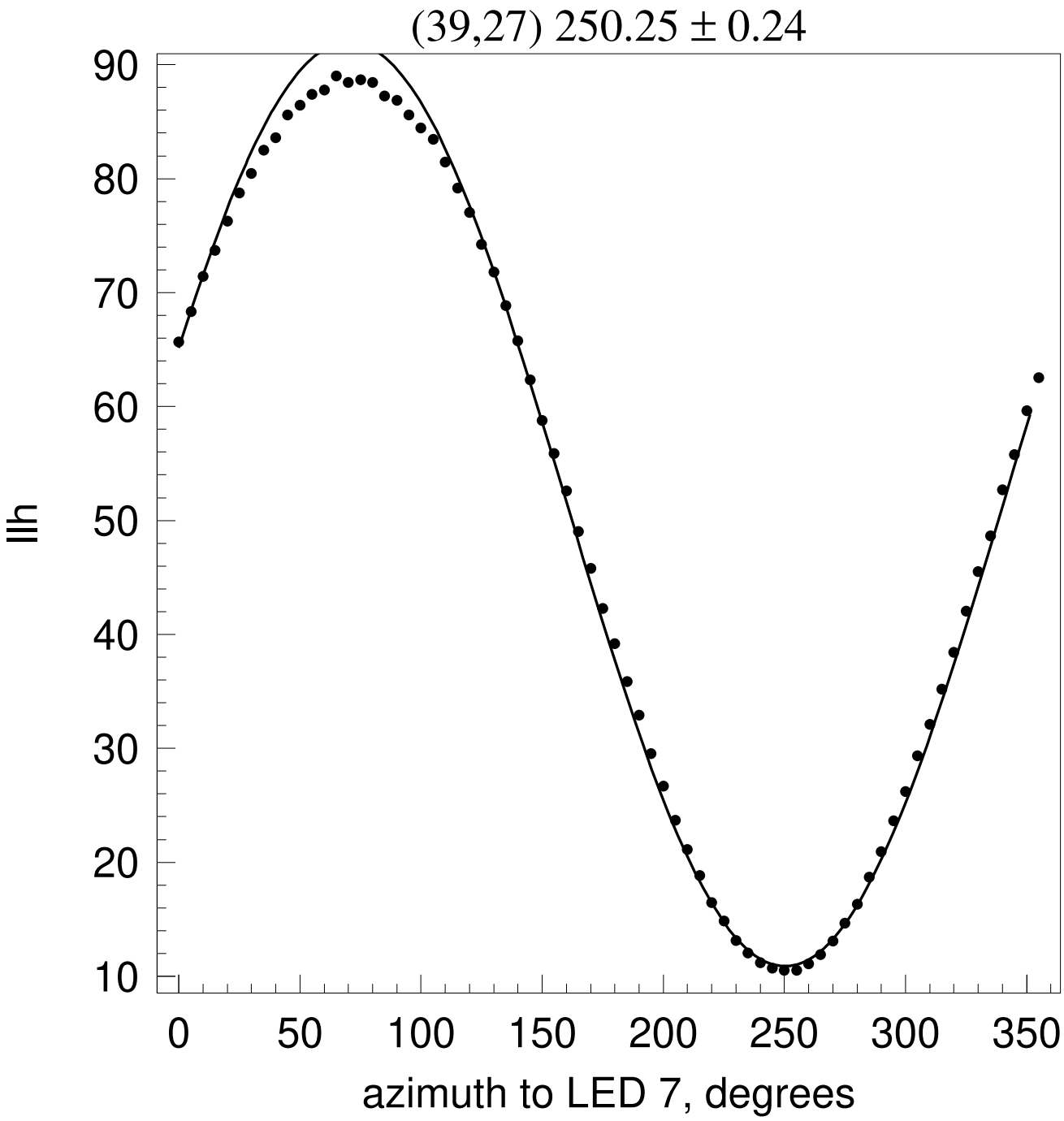

(39,21) 101.63 ± 0.29
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

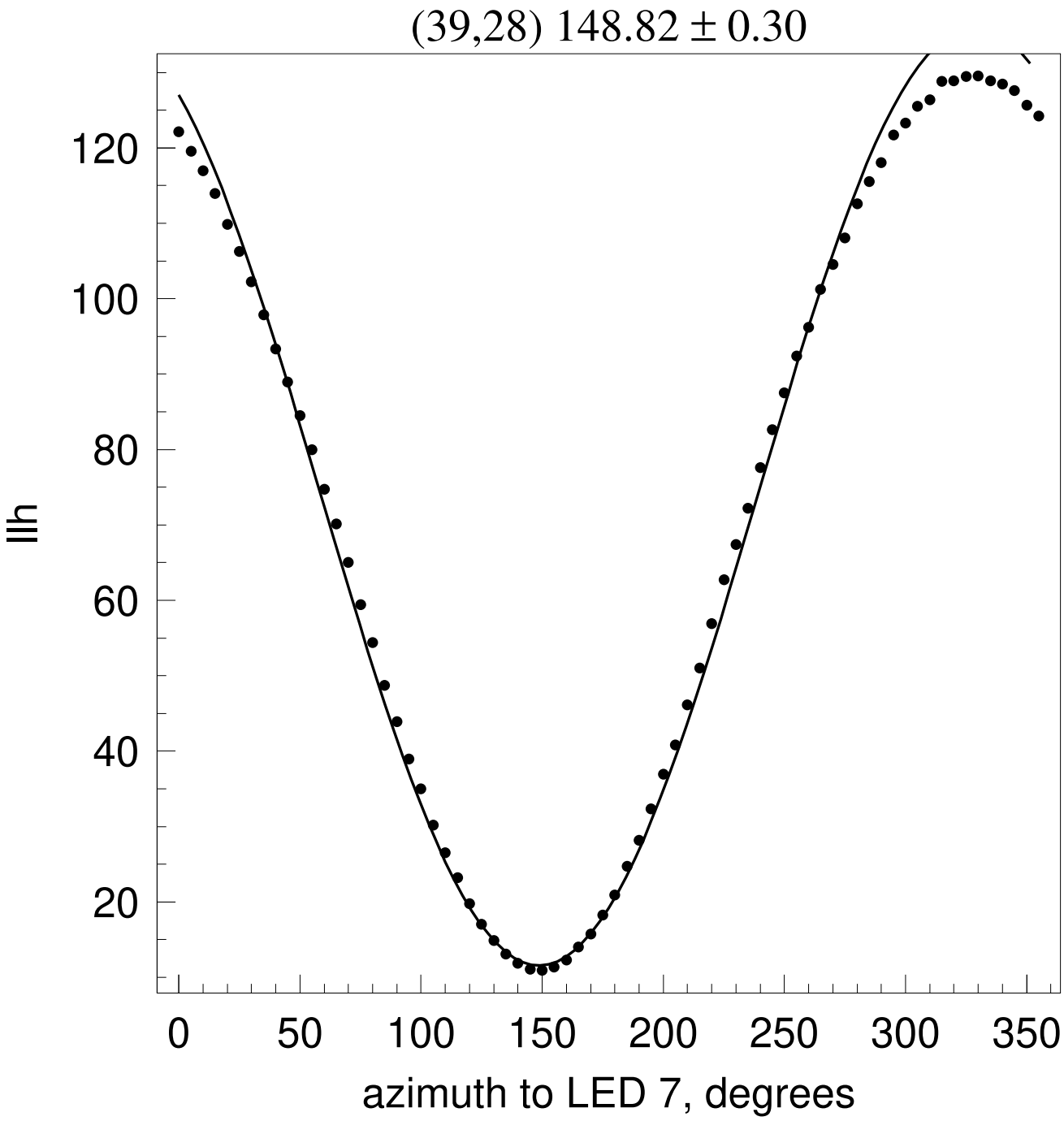

(39,23) 158.84 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

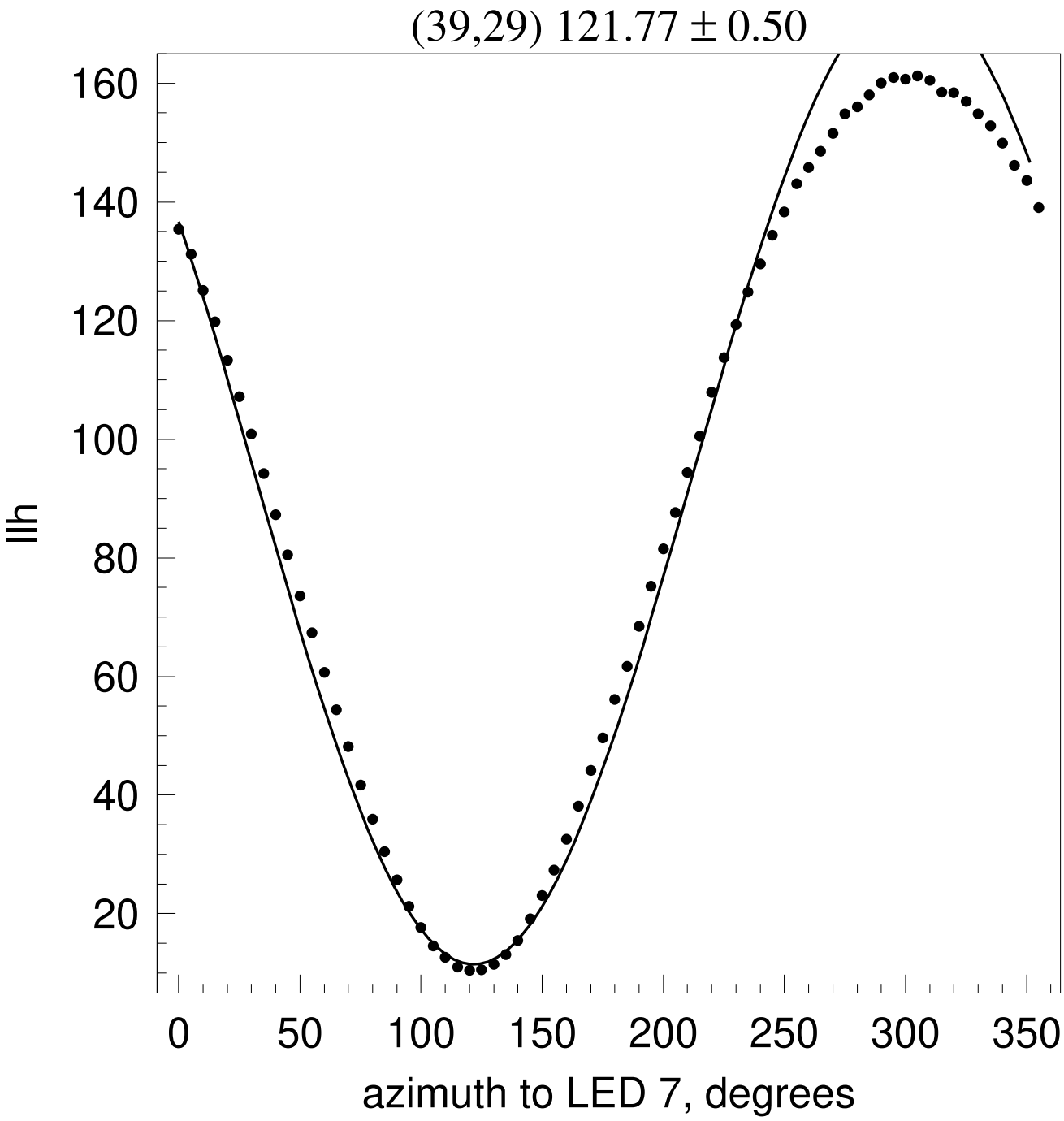

(39,24) 74.40 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

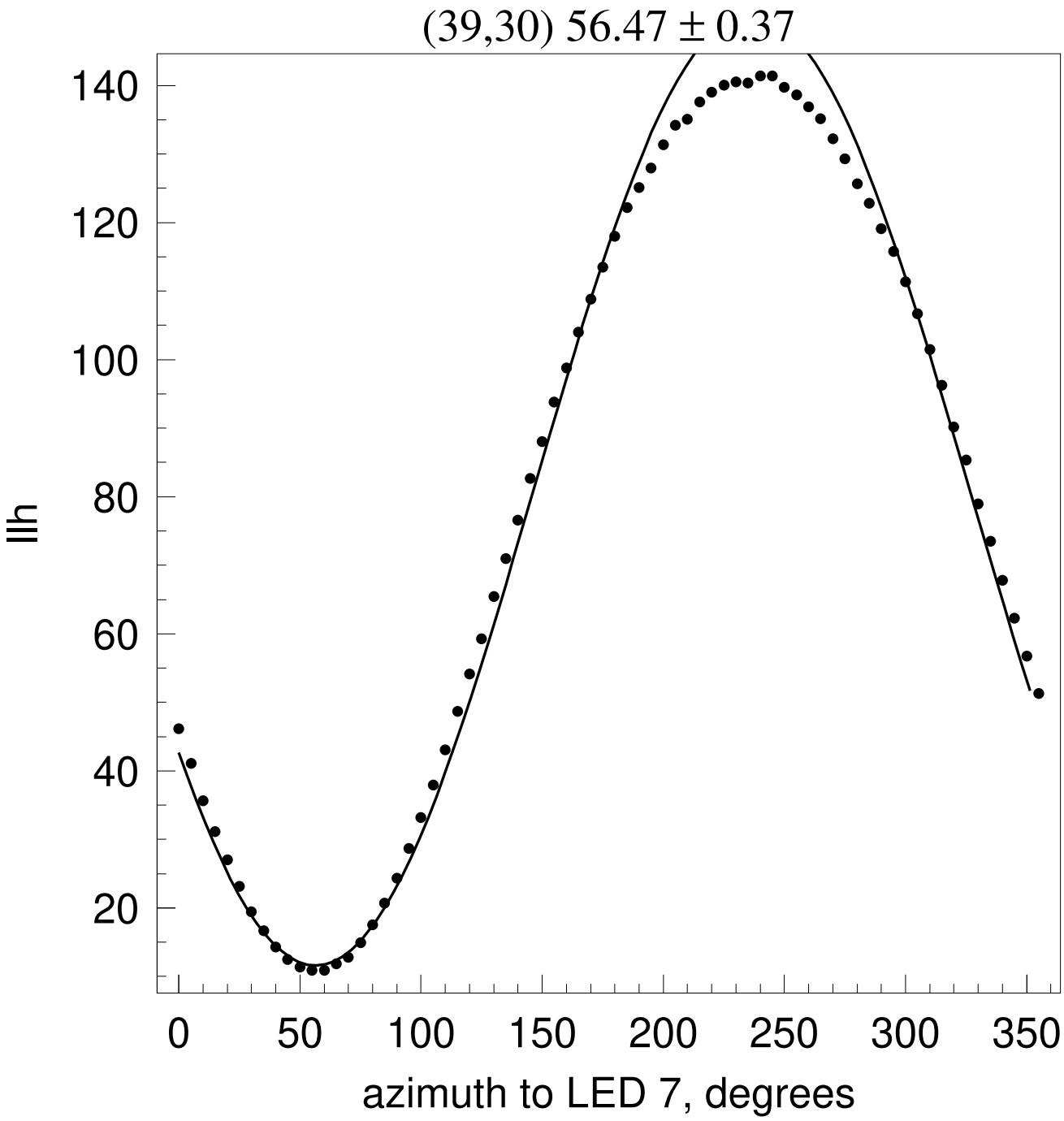

(39,25) 336.60 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

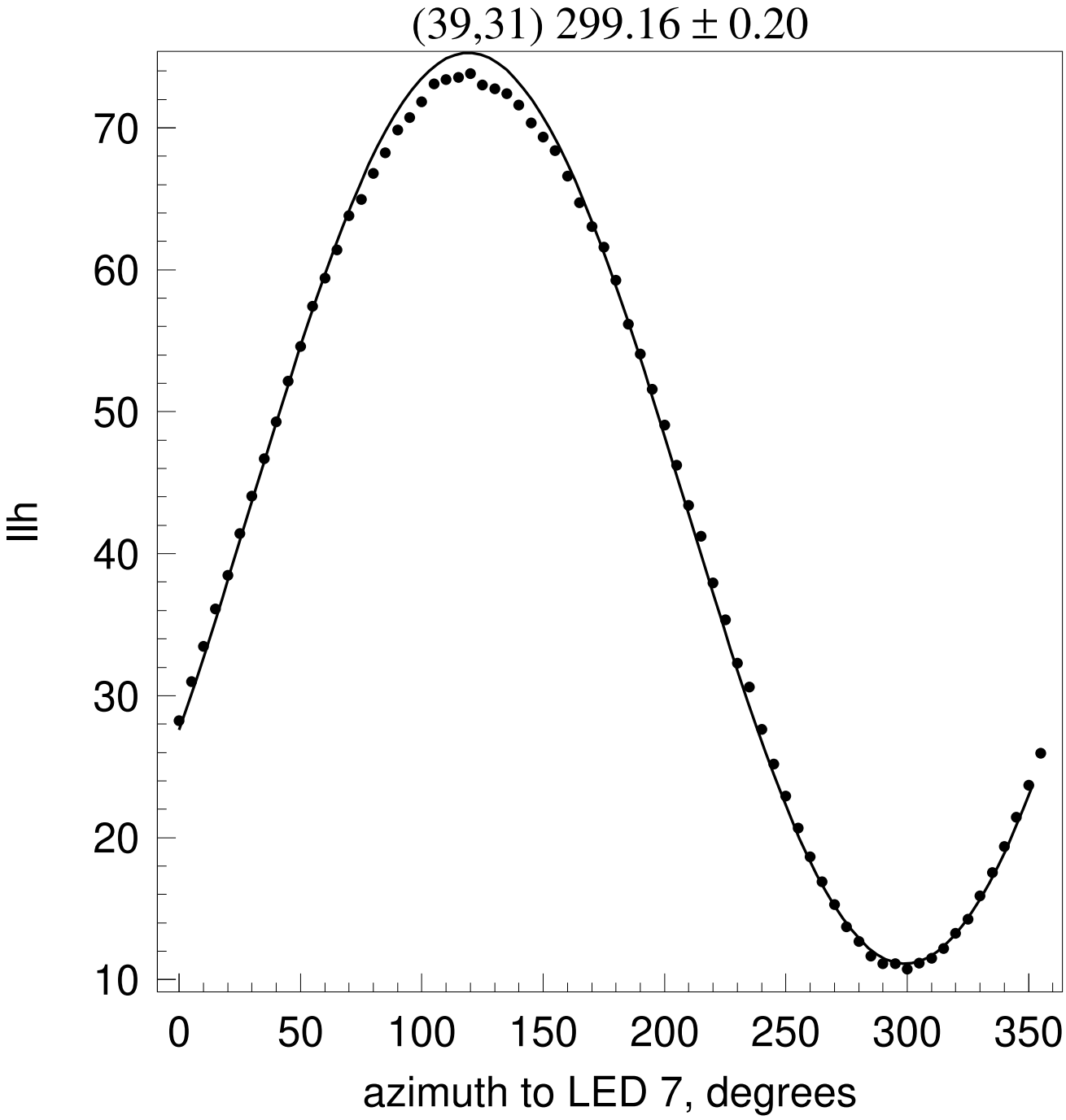

(39,26) 263.51 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

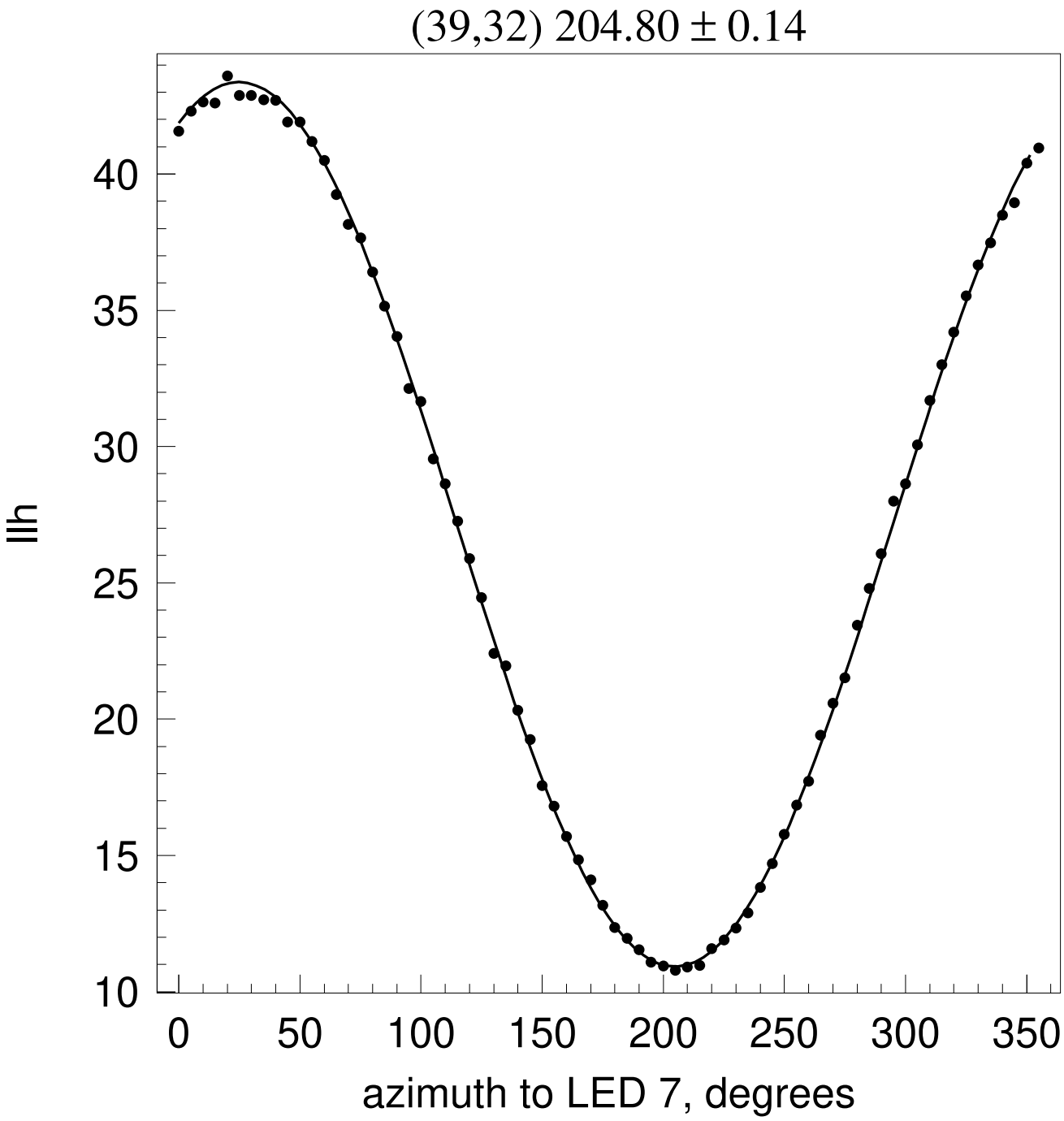

(39,27) 250.25 ± 0.24
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

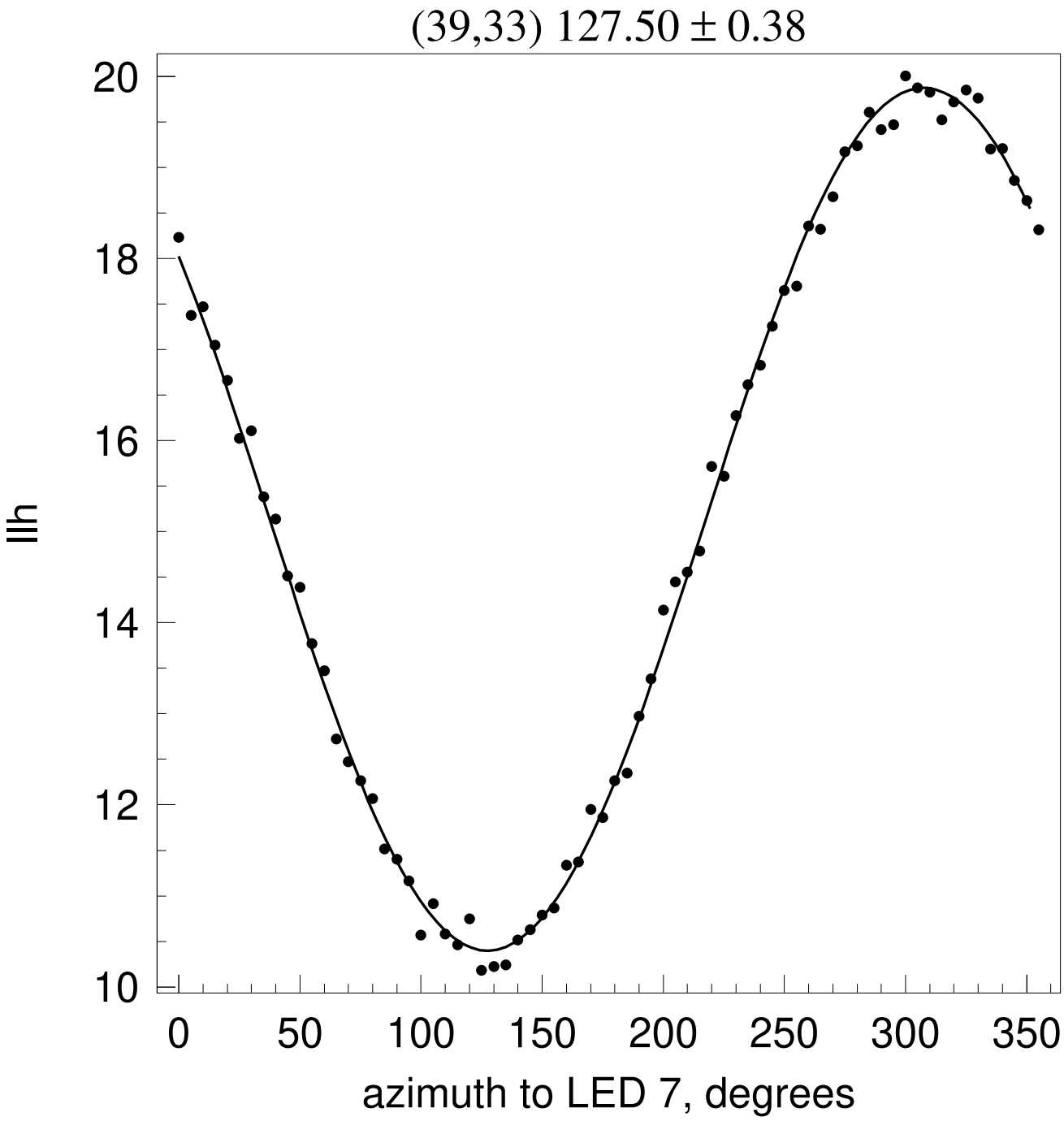

(39,28) 148.82 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

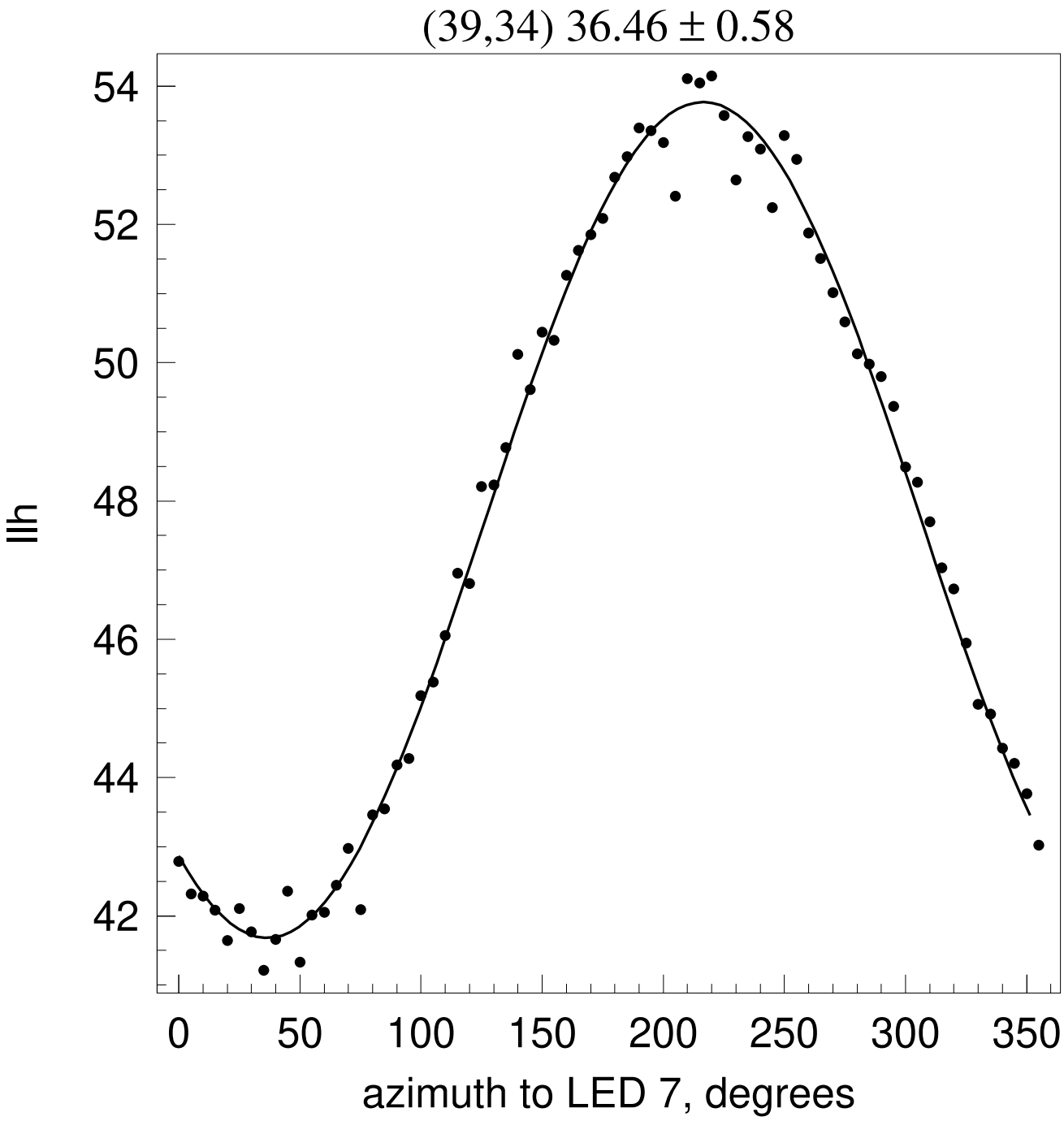

(39,29) 121.77 ± 0.50
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

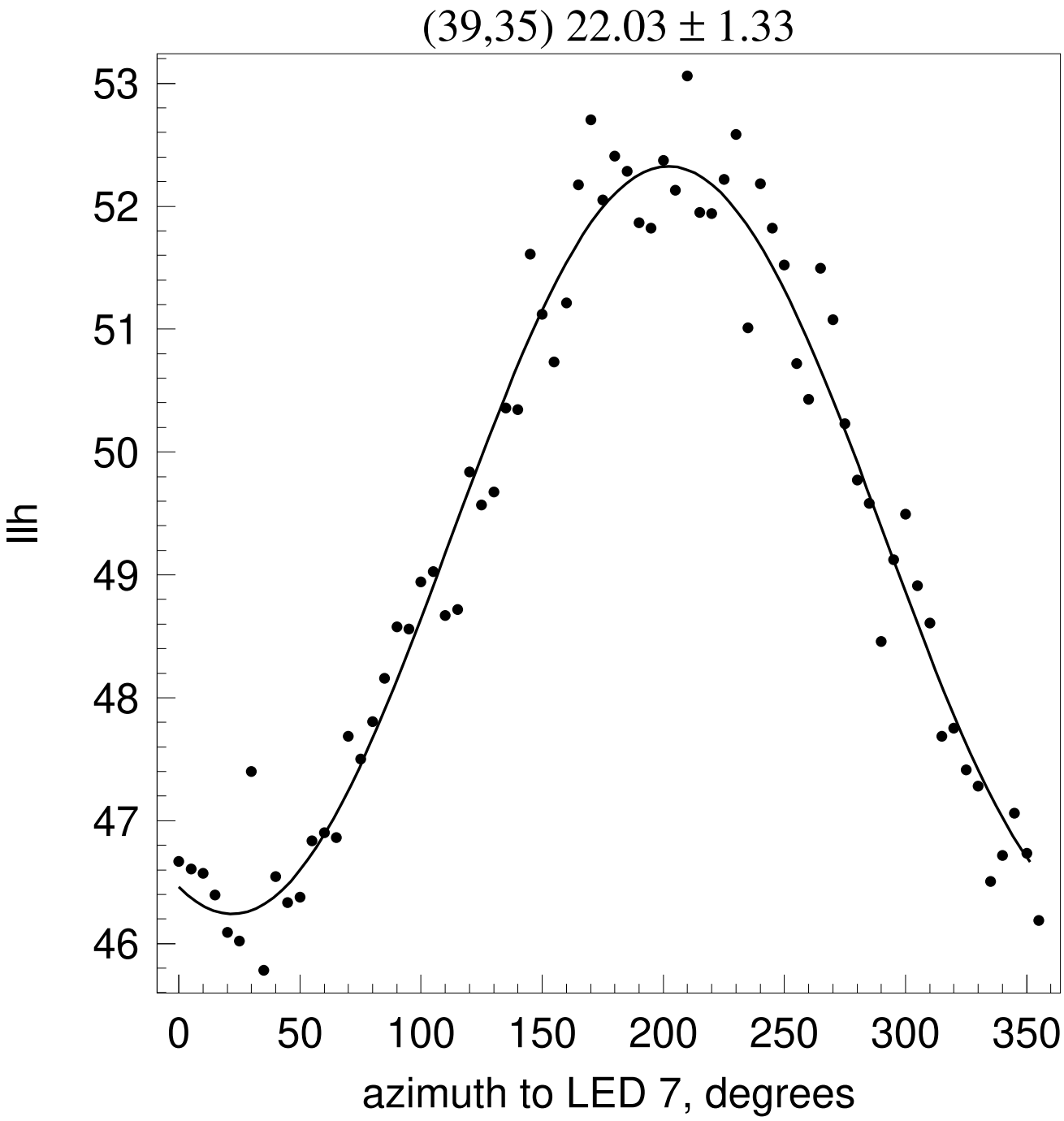

(39,30) 56.47 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

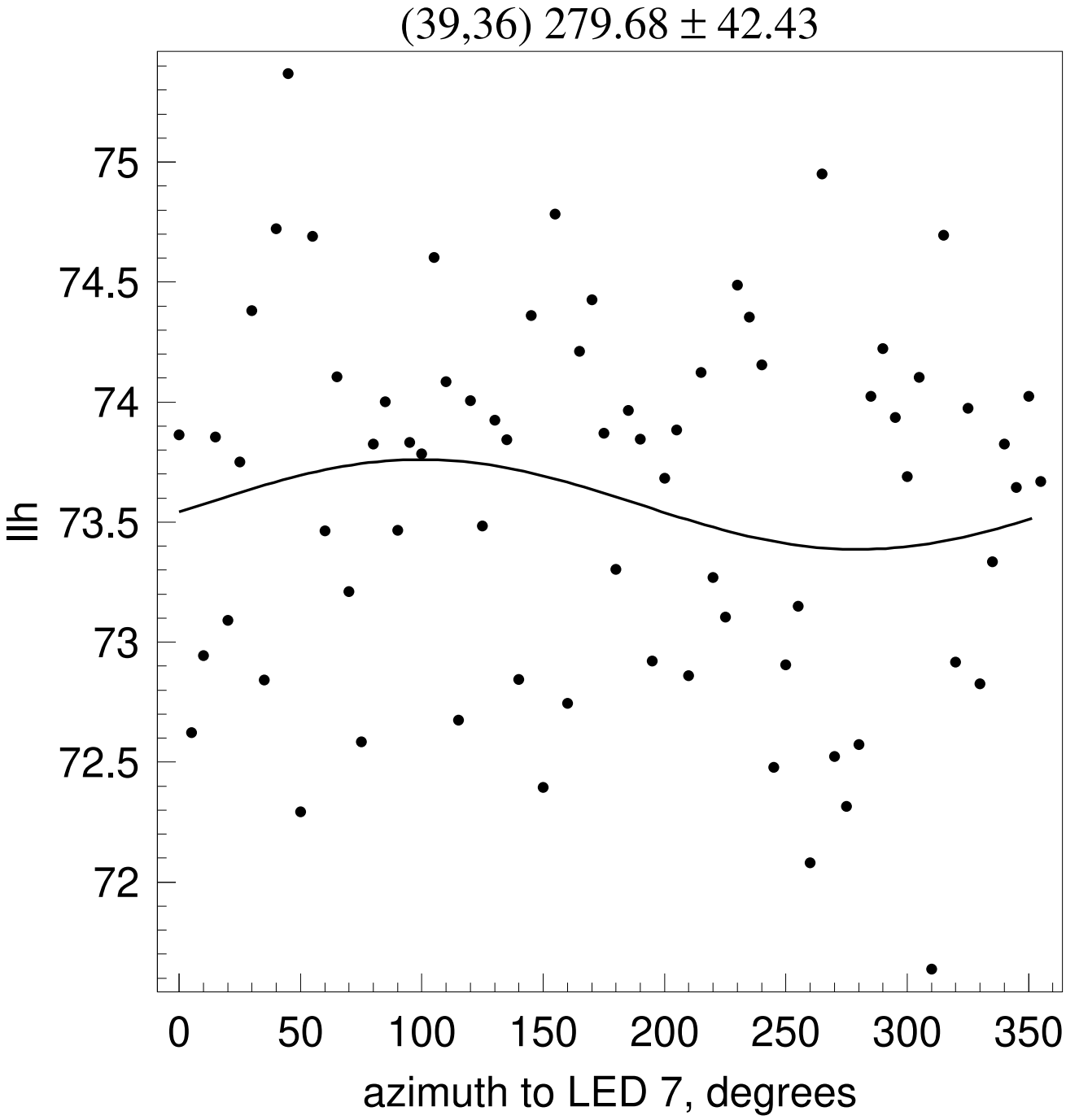

(39,31) 299.16 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

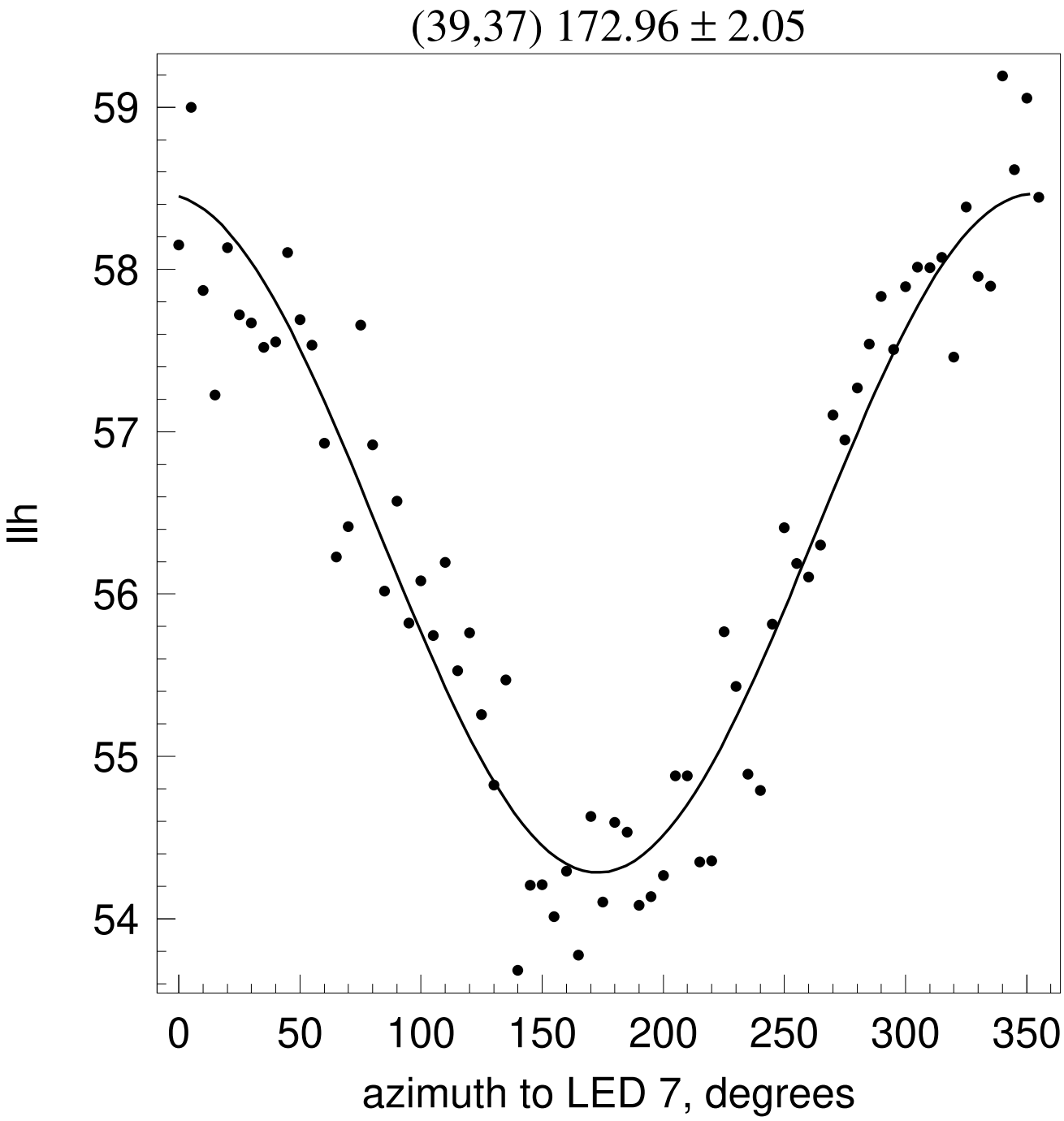

(39,32) 204.80 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

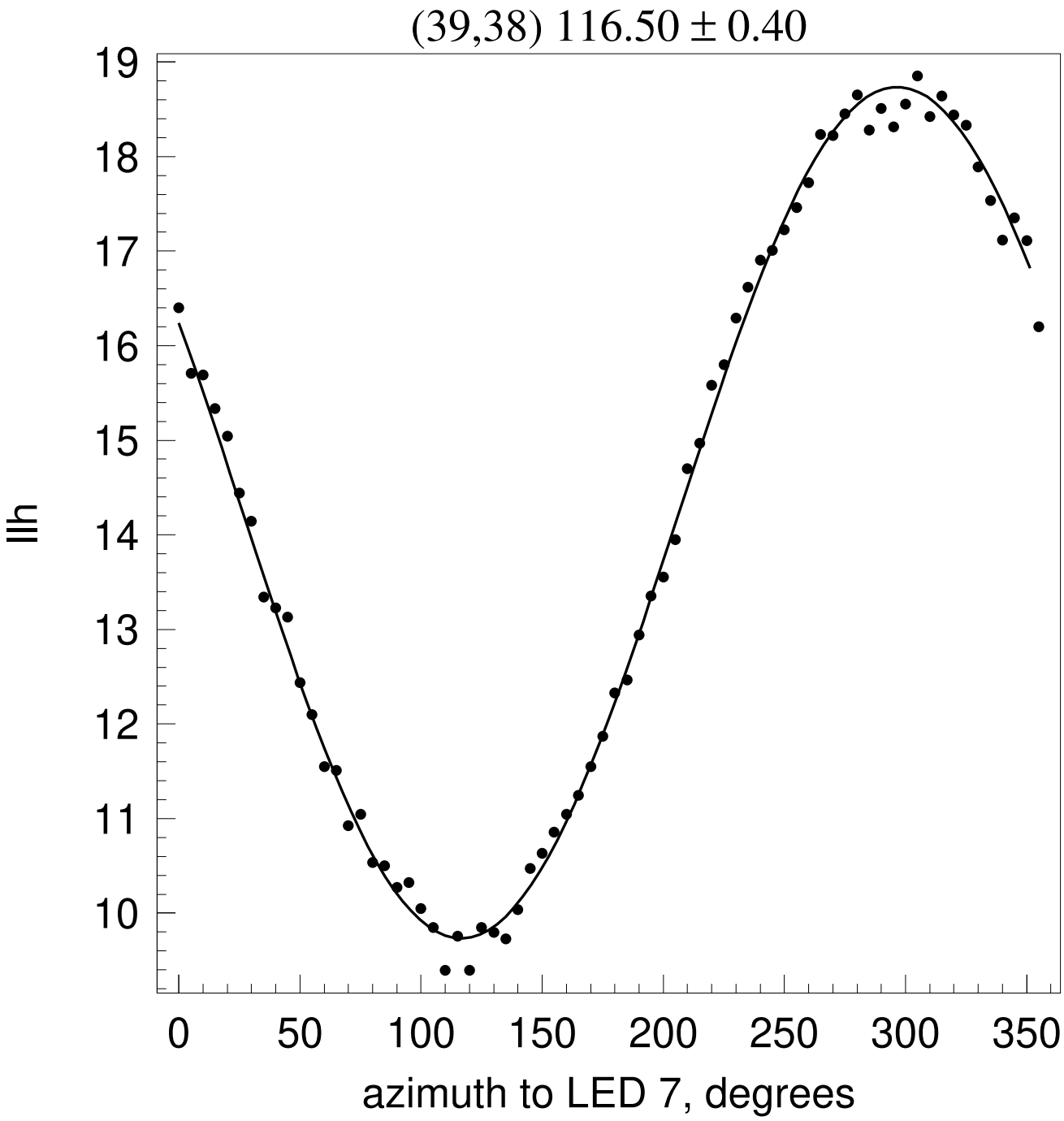

(39,33) 127.50 ± 0.38
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

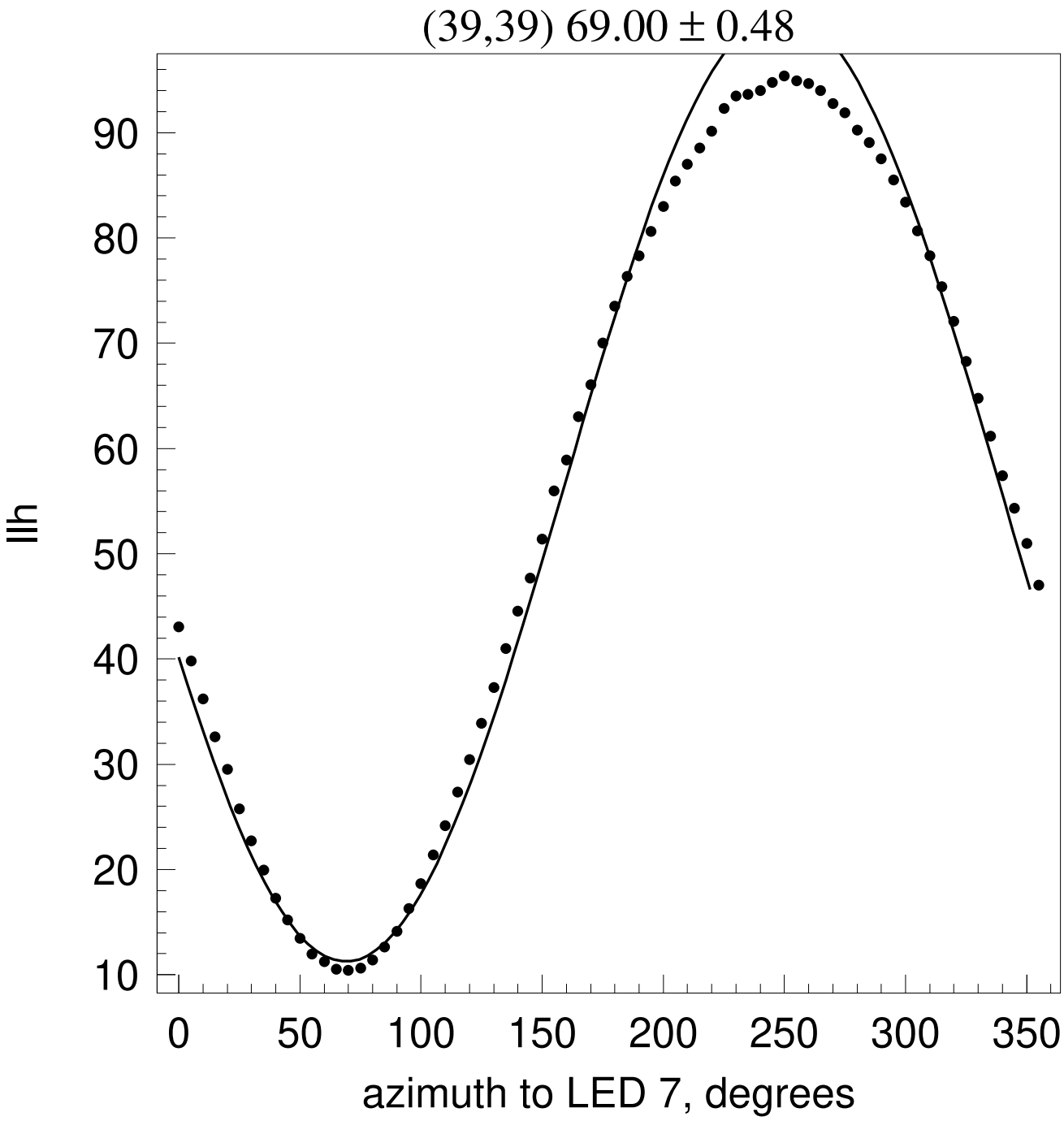

(39,34) 36.46 ± 0.58
54
52
50
48
46
44
42
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

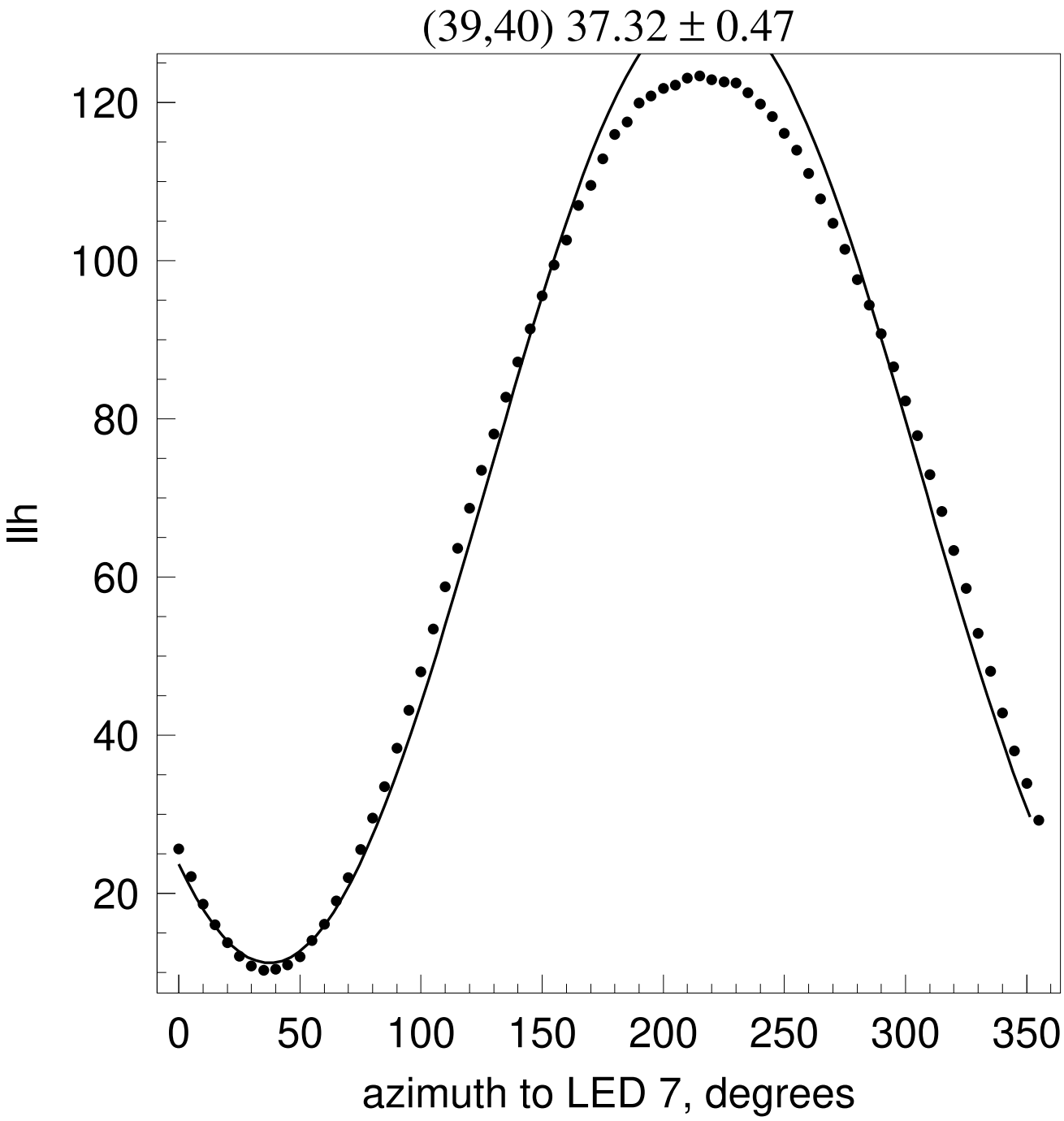

(39,35) 22.03 ± 1.33
53
52
51
50
49
48
47
46
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

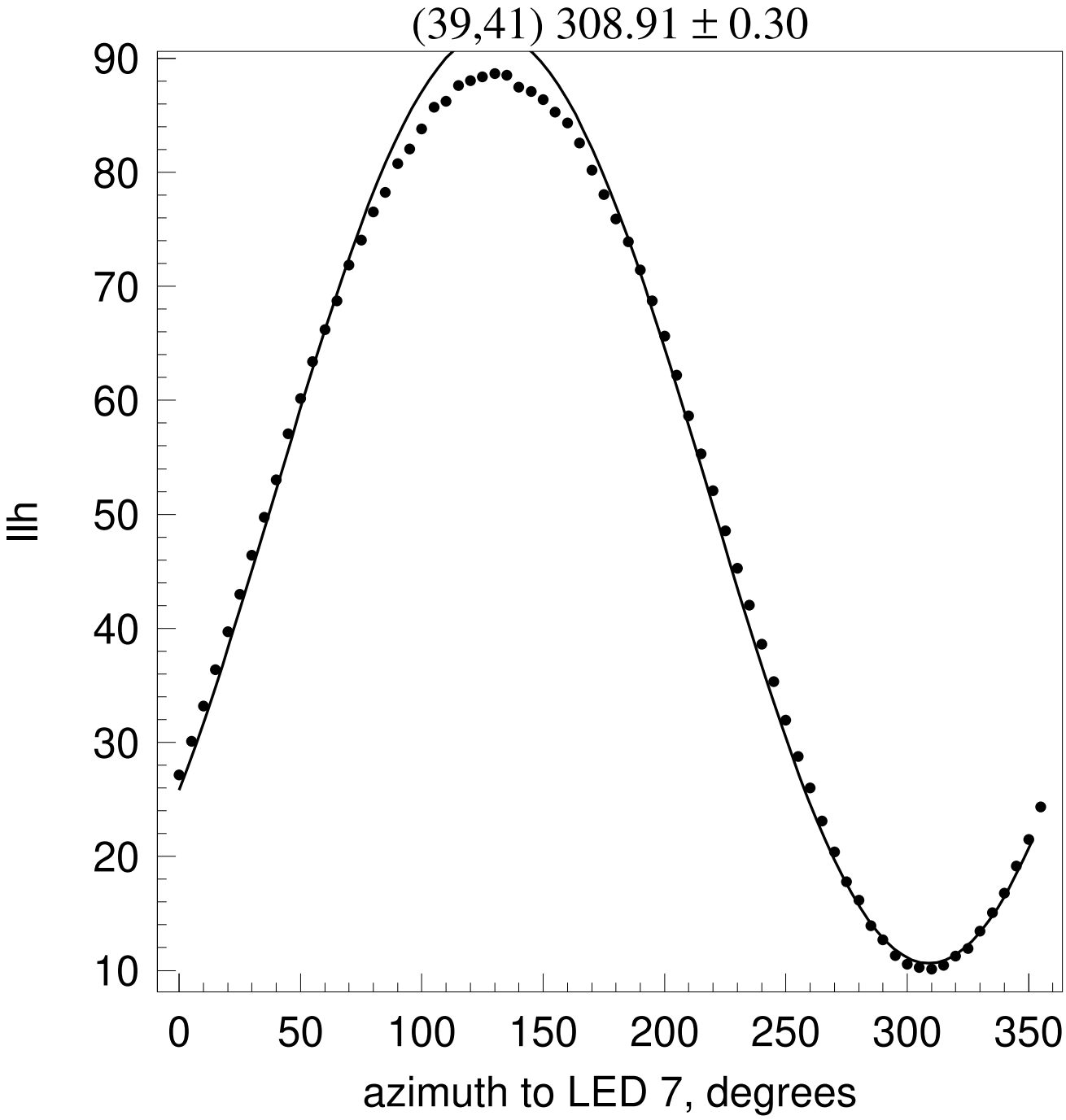

(39,36) 279.68 ± 42.43
75
74.5
74
73.5
73
72.5
72
μ
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

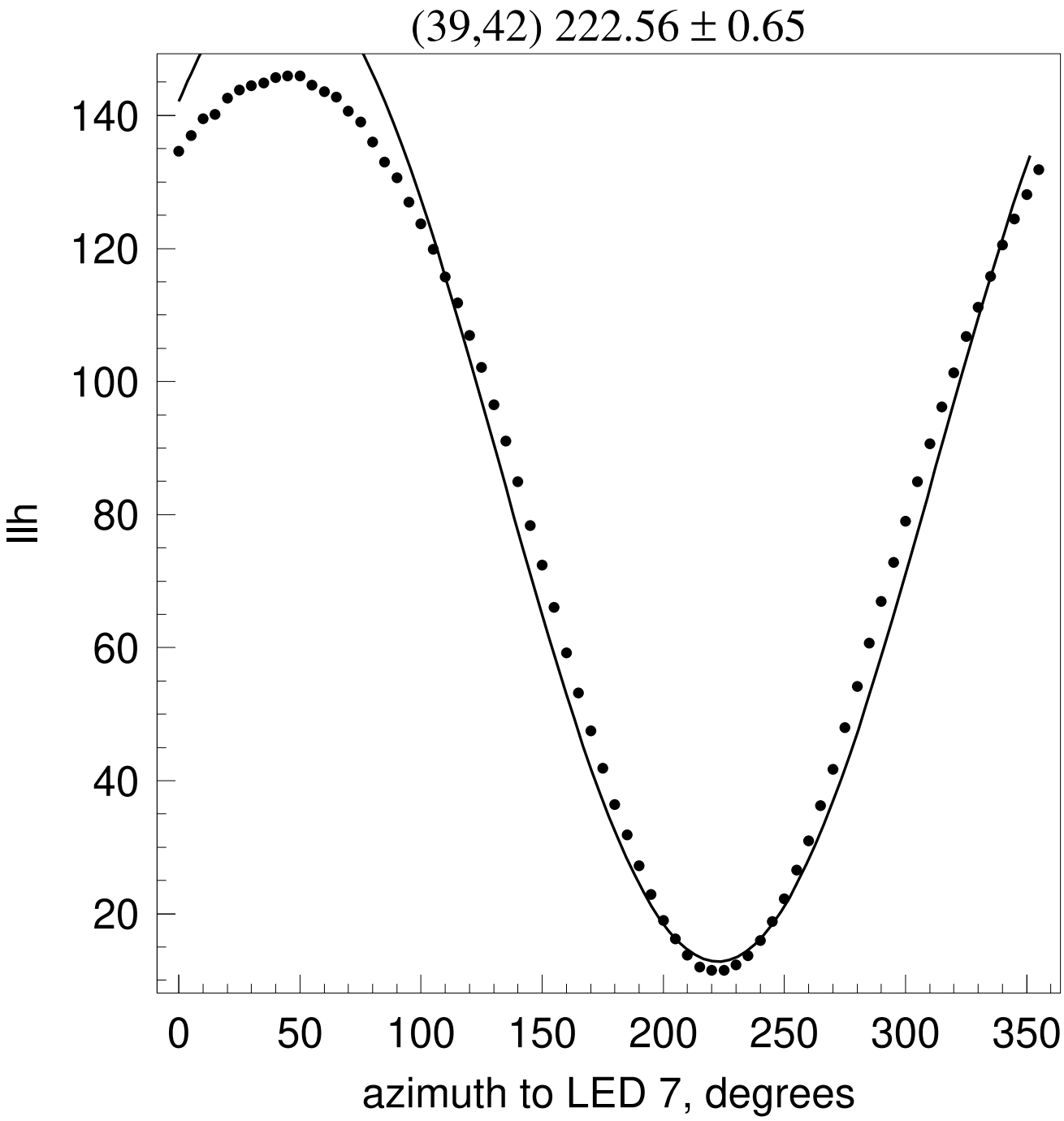

(39,37) 172.96 ± 2.05
59
58
57
56
55
54
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

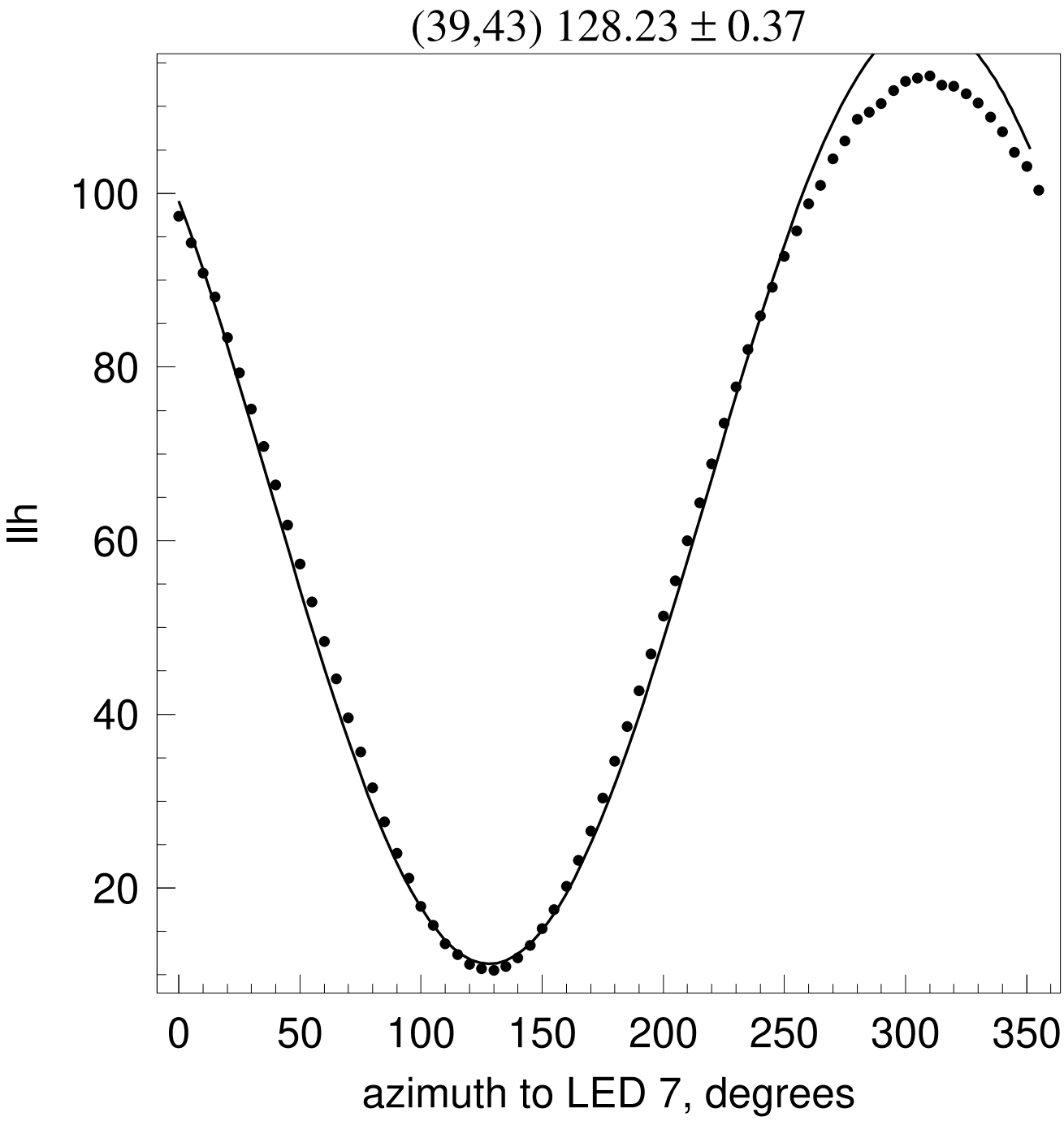

(39,38) 116.50 ± 0.40
19
18
17
16
15
14
13
12
11
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

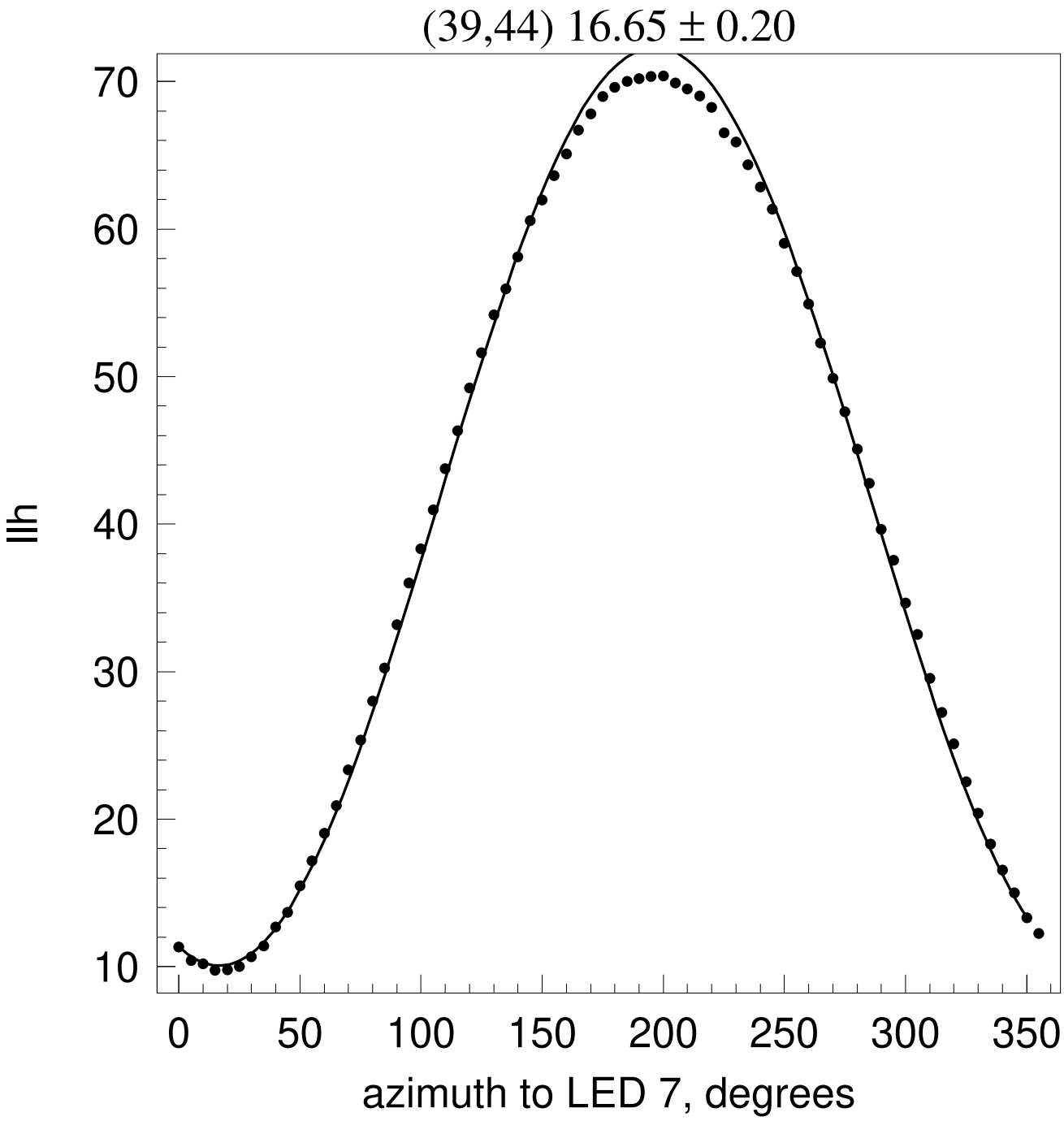

(39,39) 69.00 ± 0.48
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

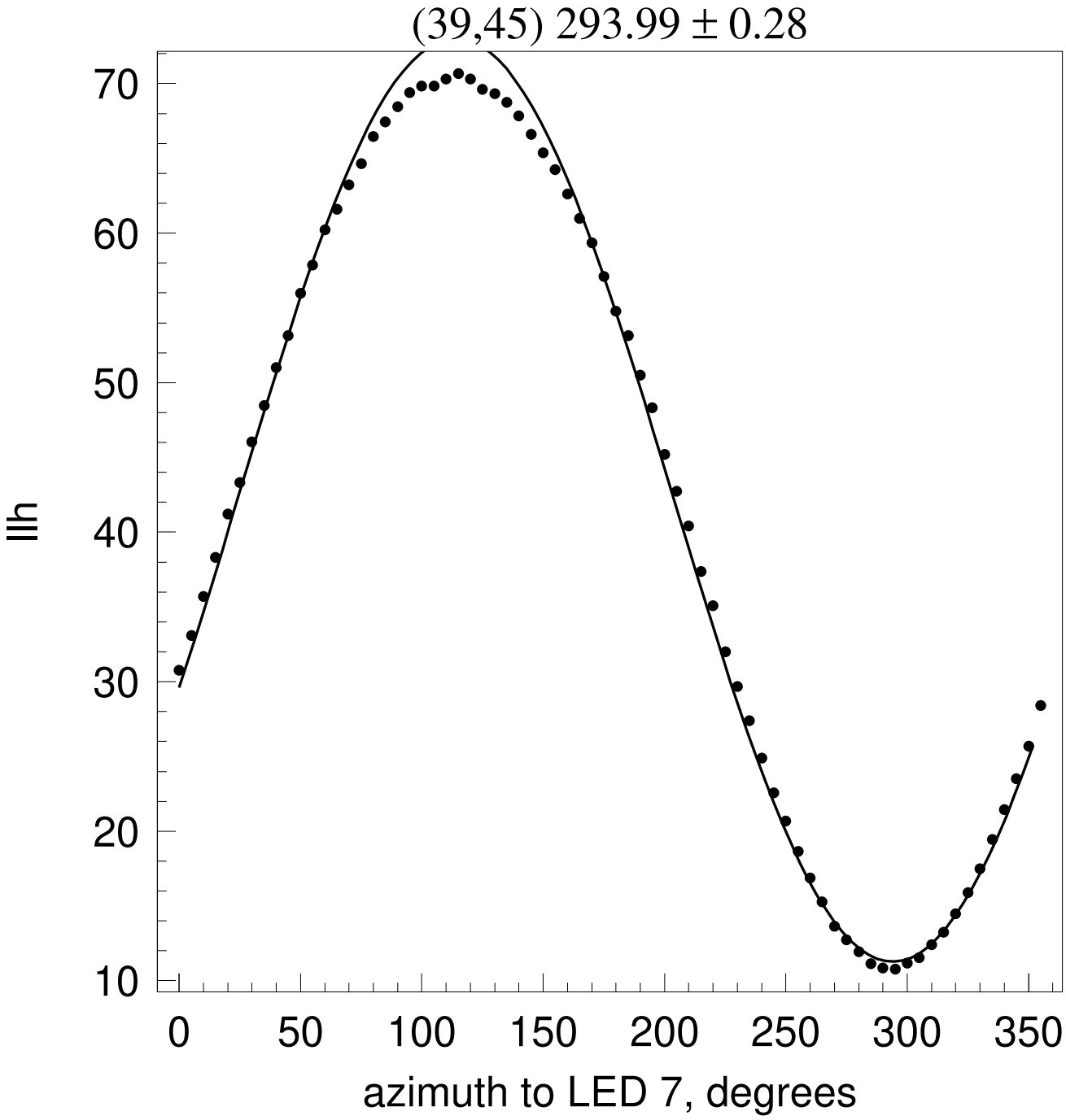

(39,40) 37.32 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

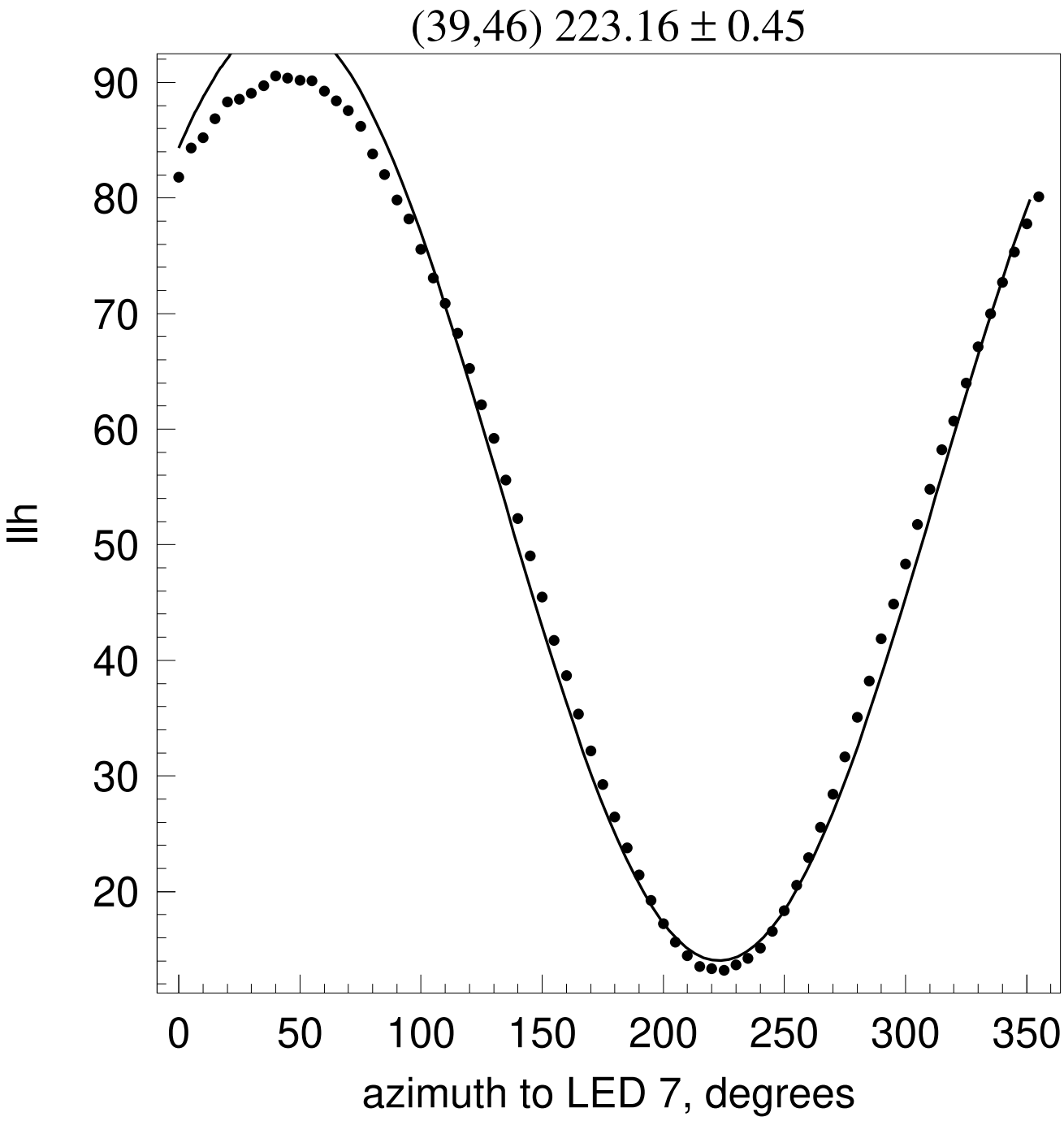

(39,41) 308.91 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

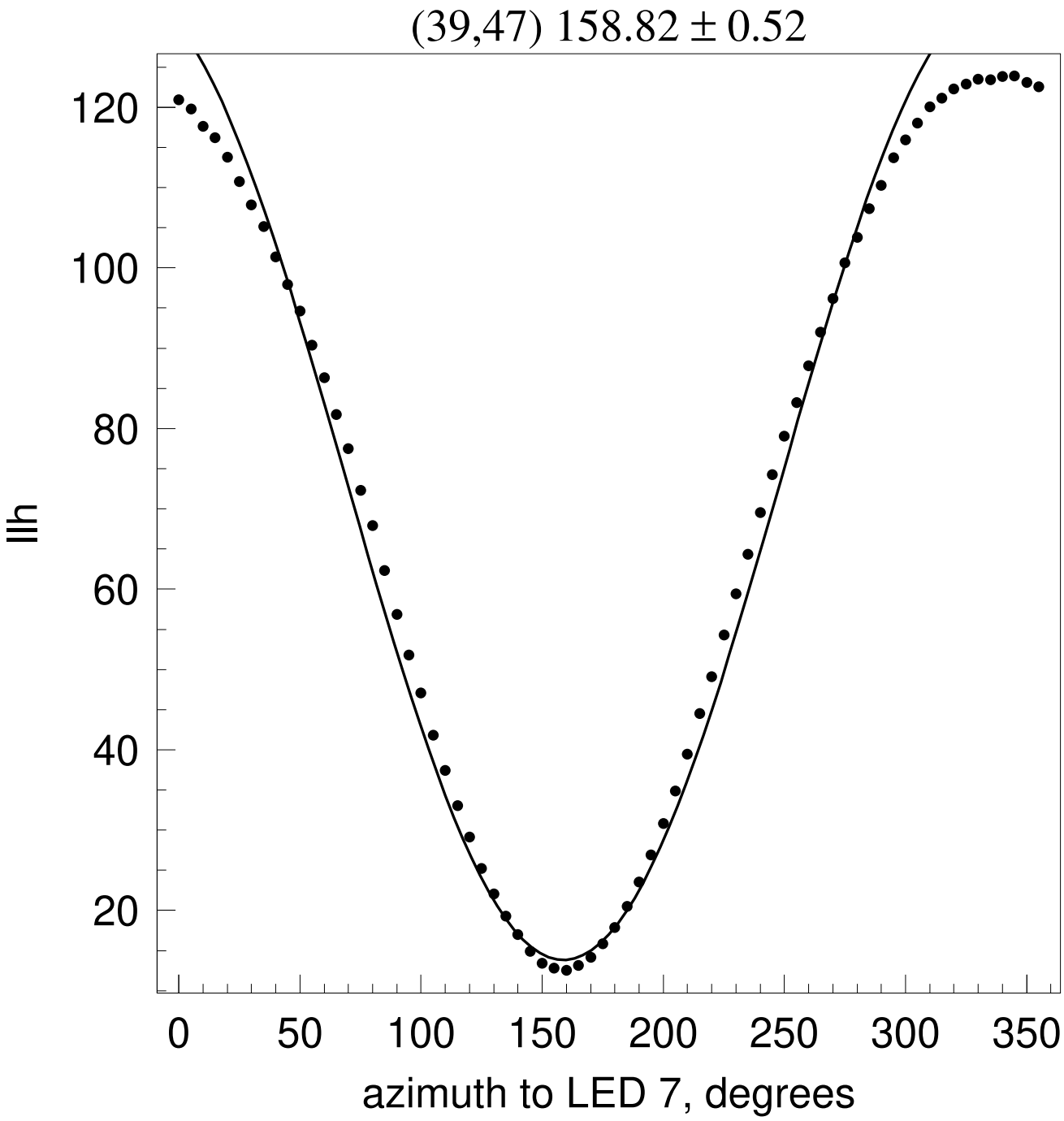

(39,42) 222.56 ± 0.65
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

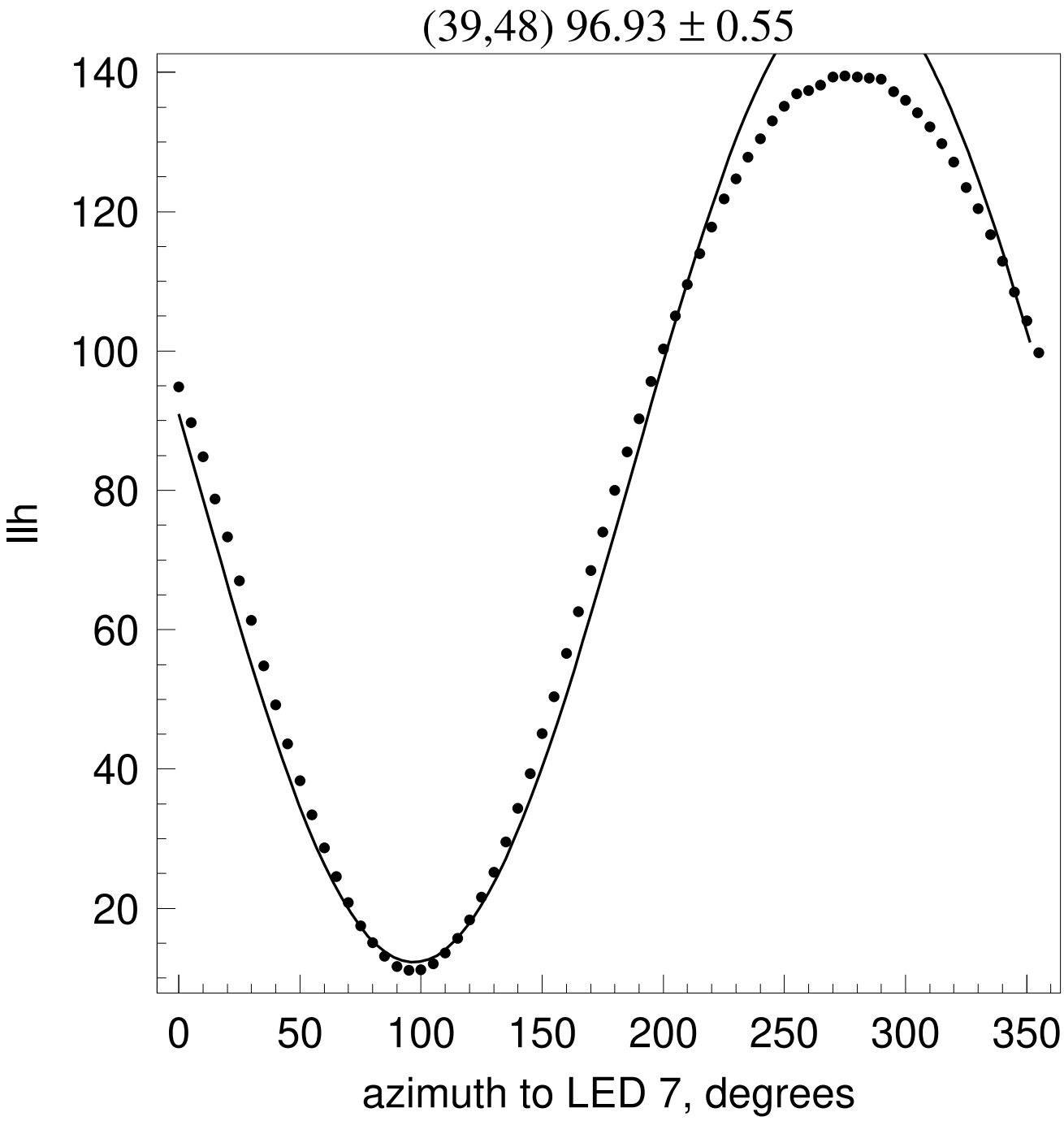

(39,43) 128.23 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

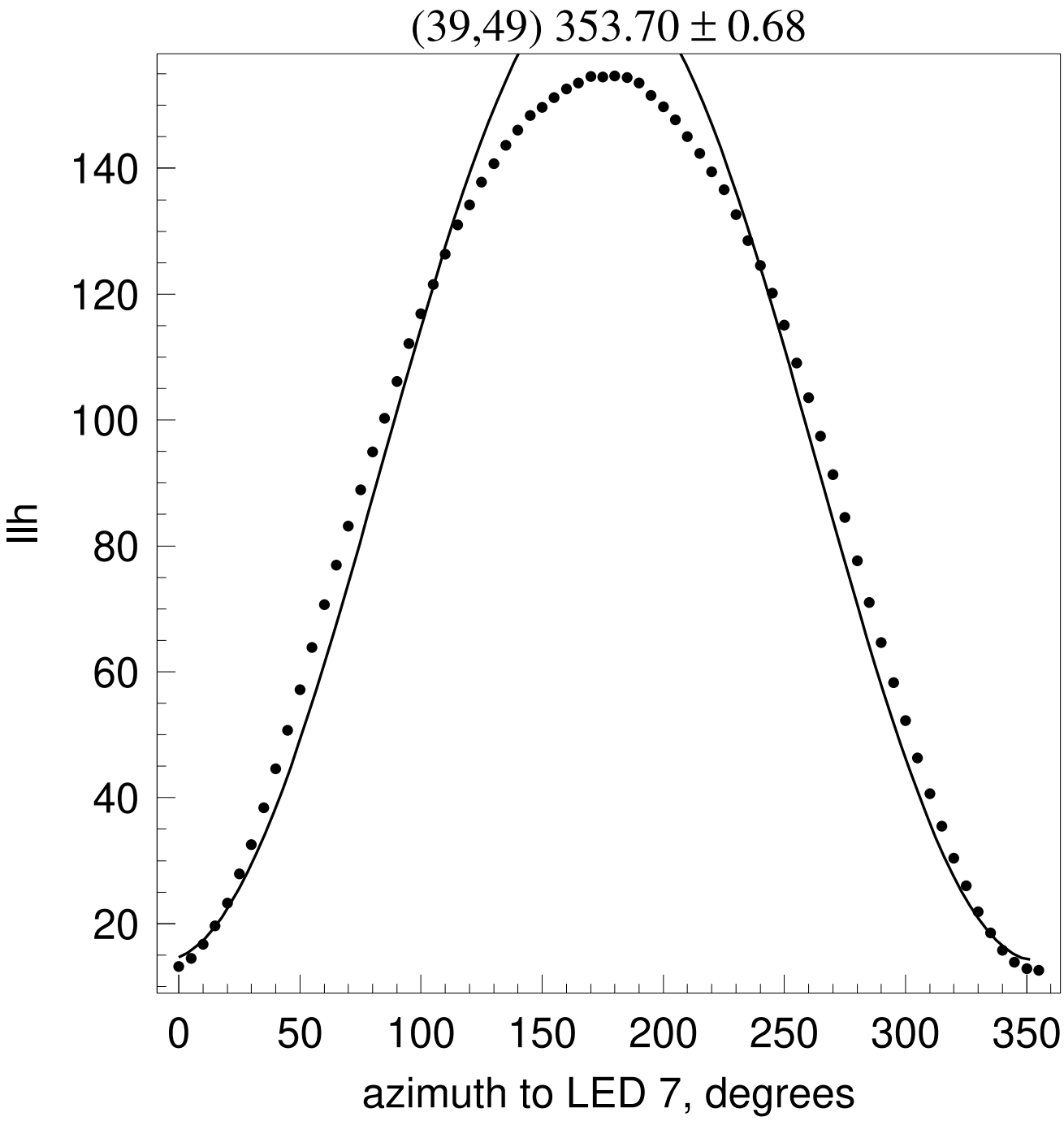

(39,44) 16.65 ± 0.20
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

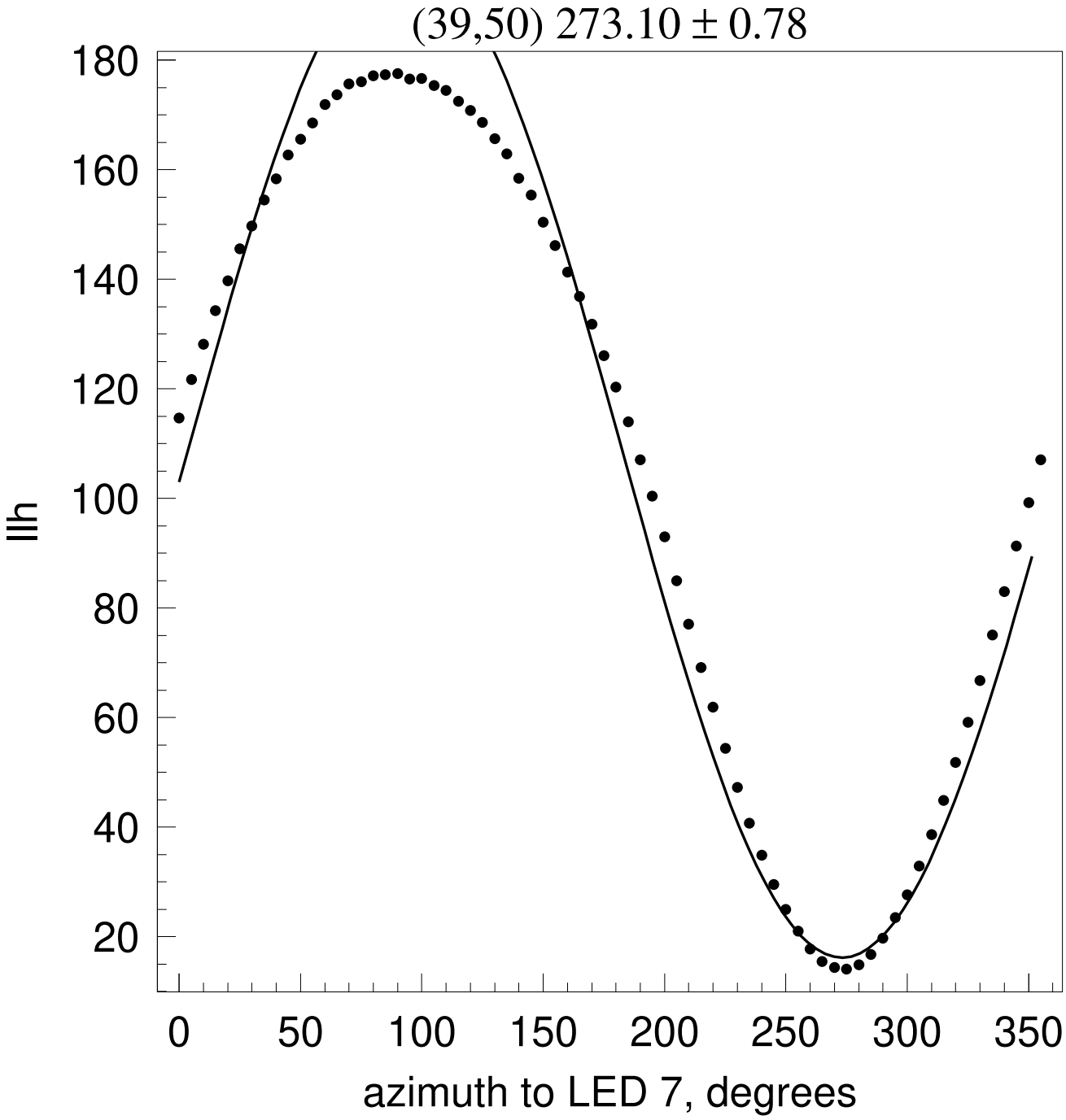

(39,45) 293.99 ± 0.28
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

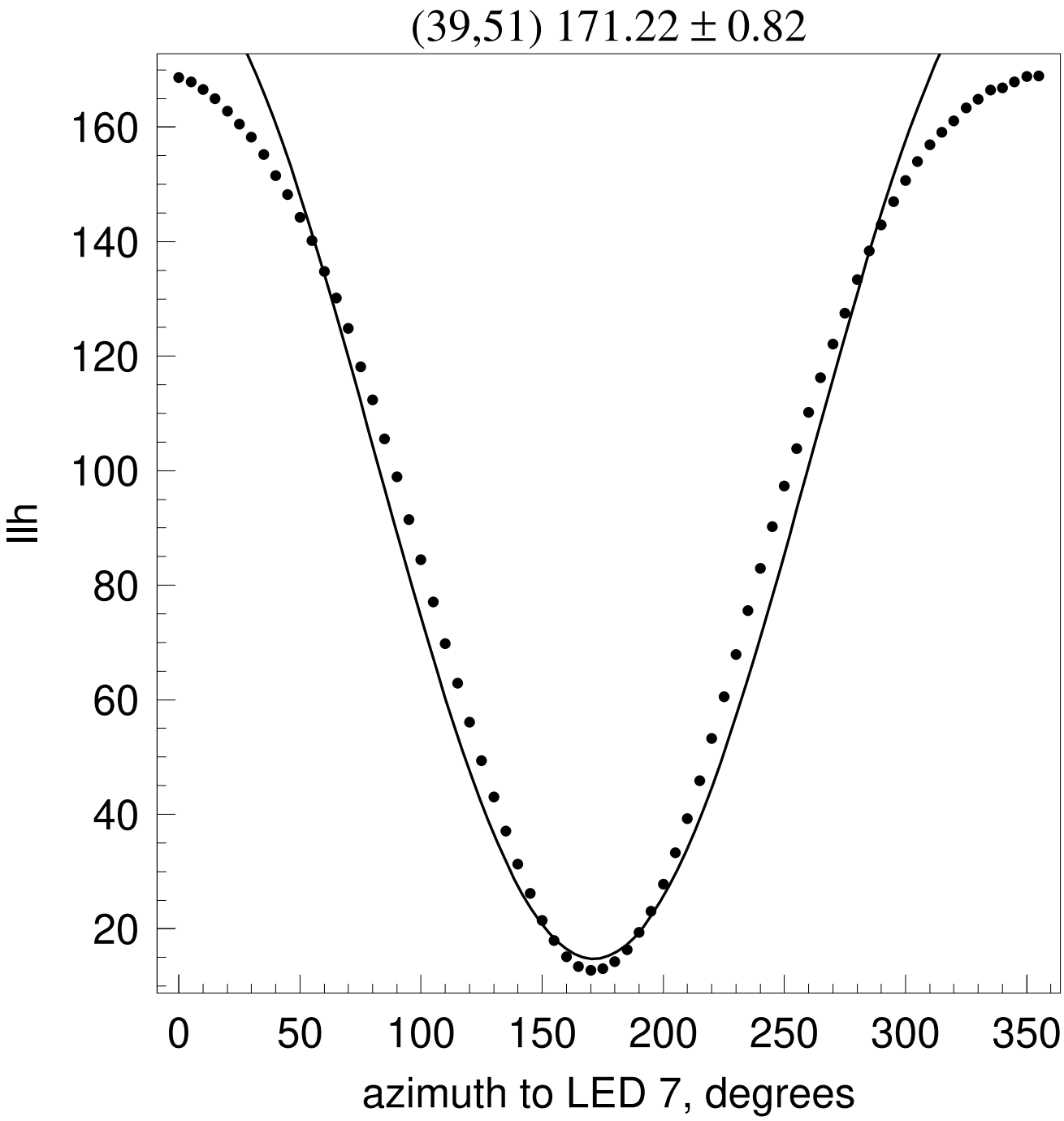

(39,46) 223.16 ± 0.45
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

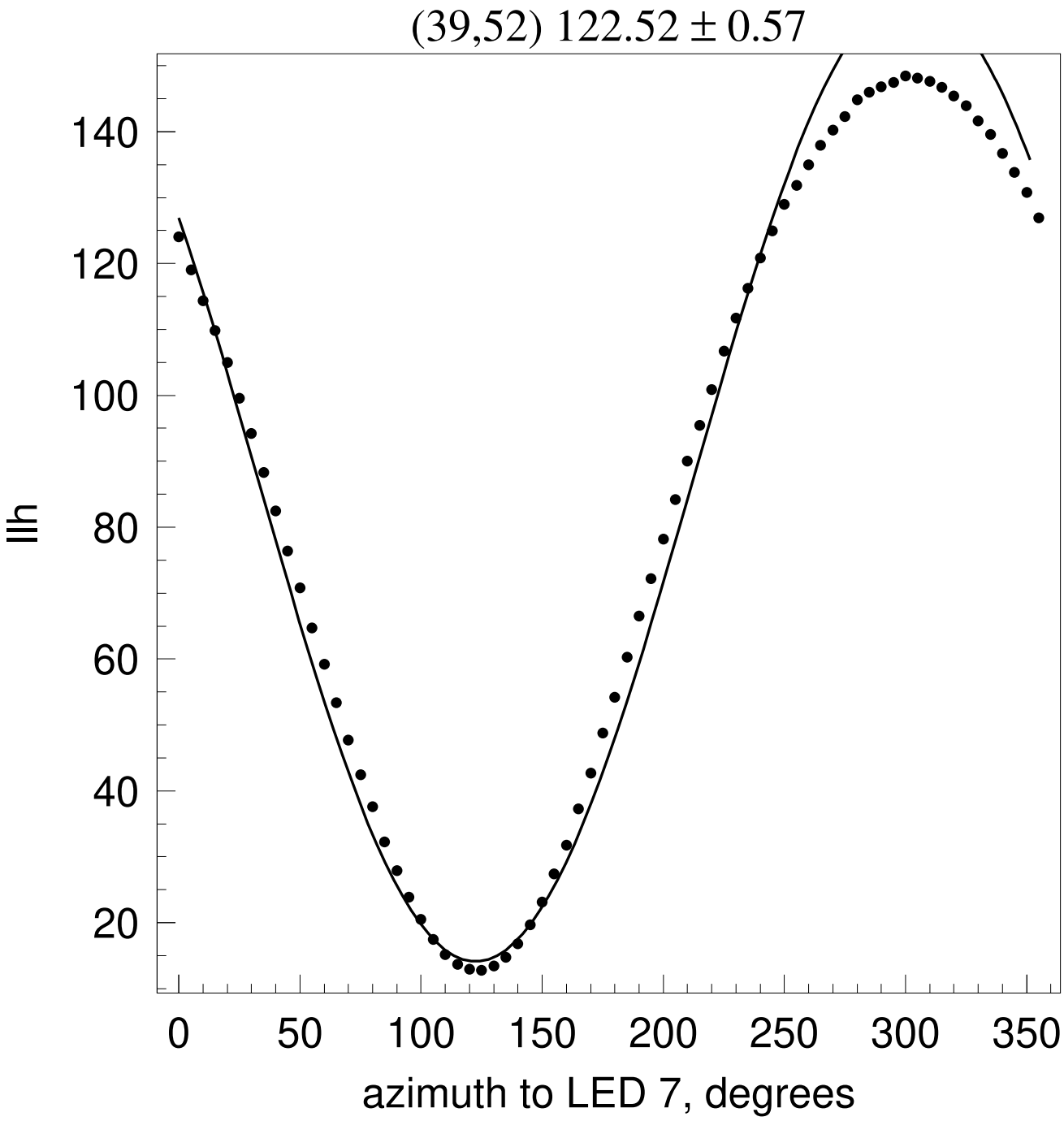

(39,47) 158.82 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

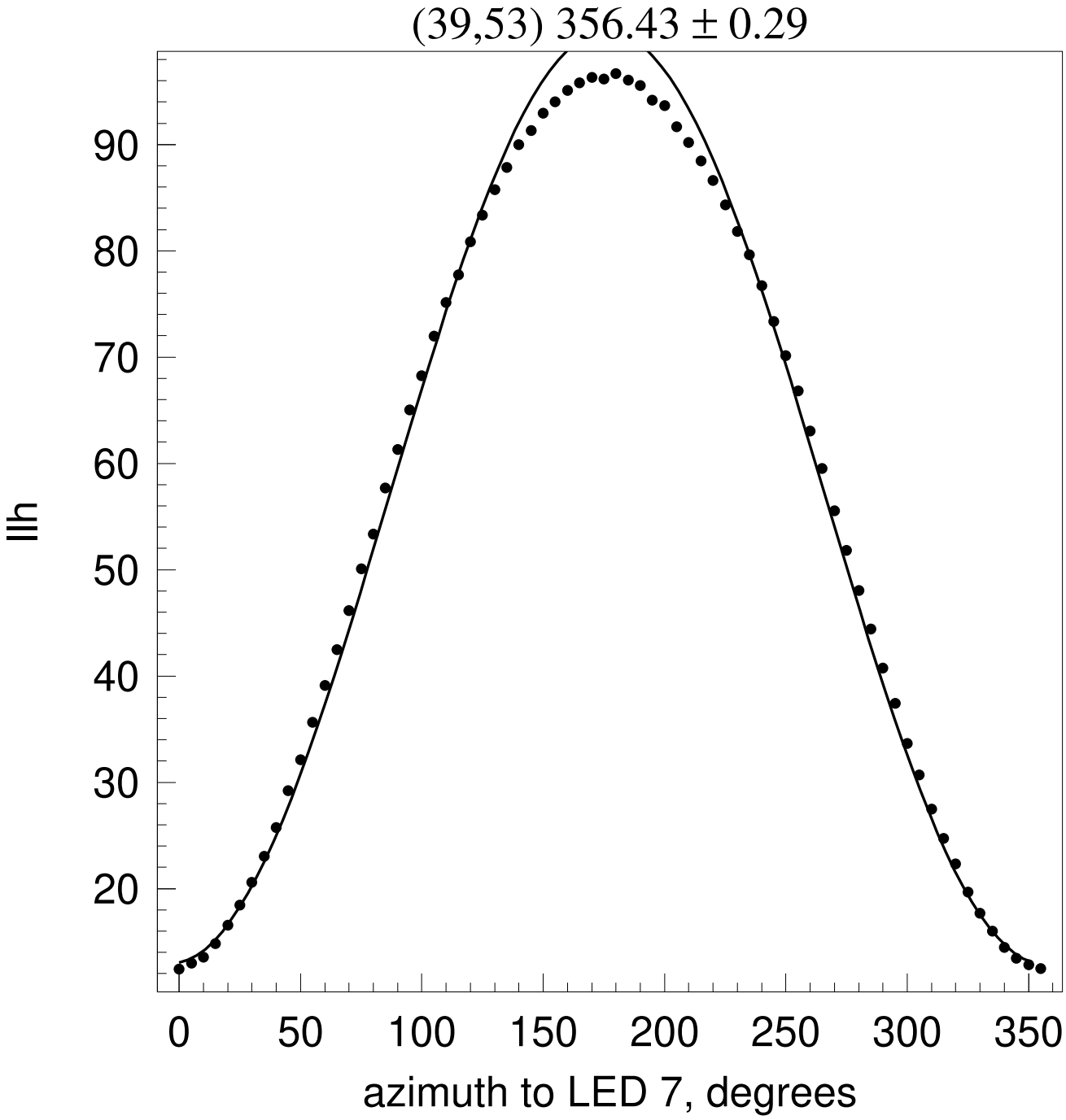

(39,48) 96.93 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

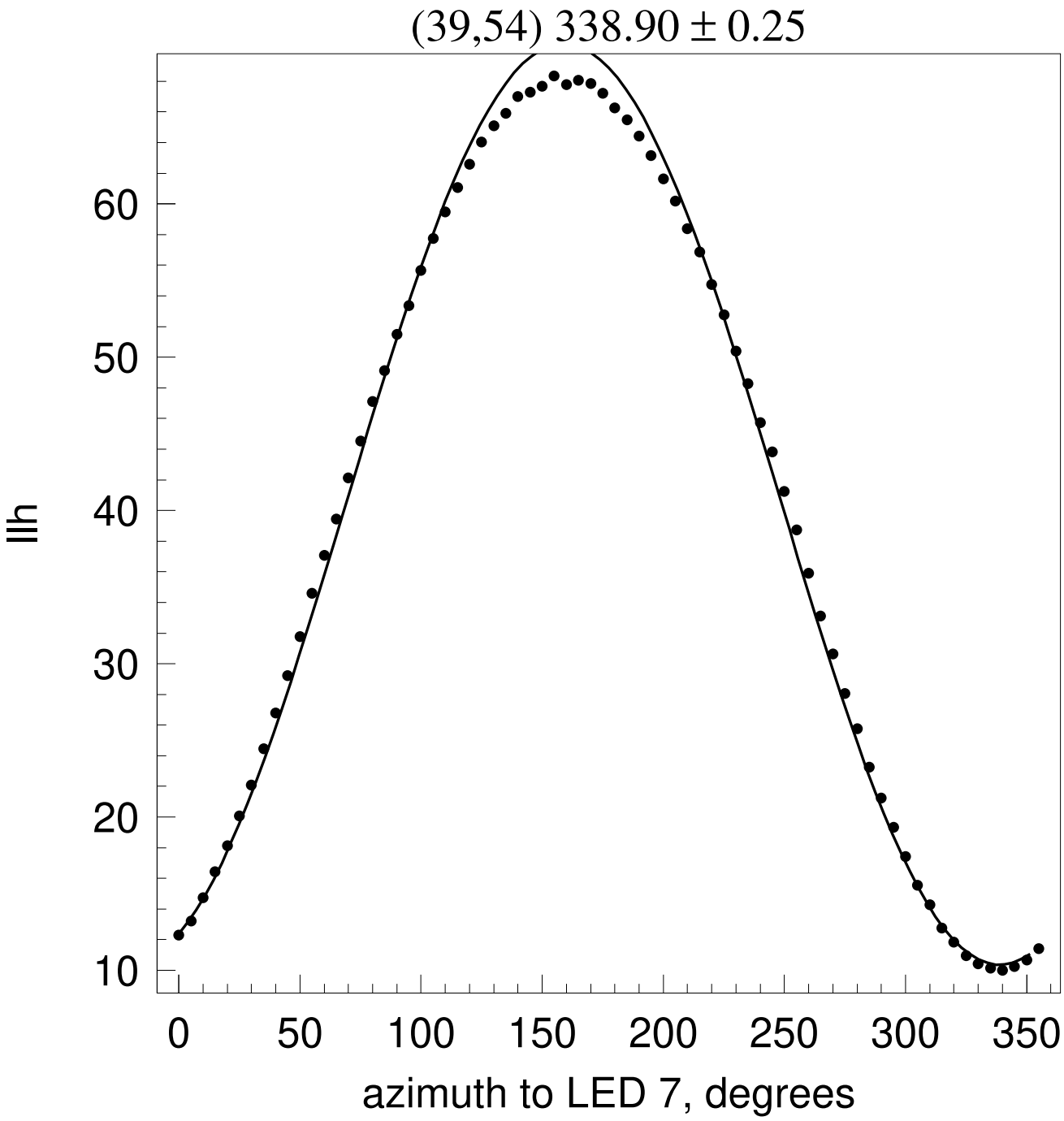

(39,49) 353.70 ± 0.68
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

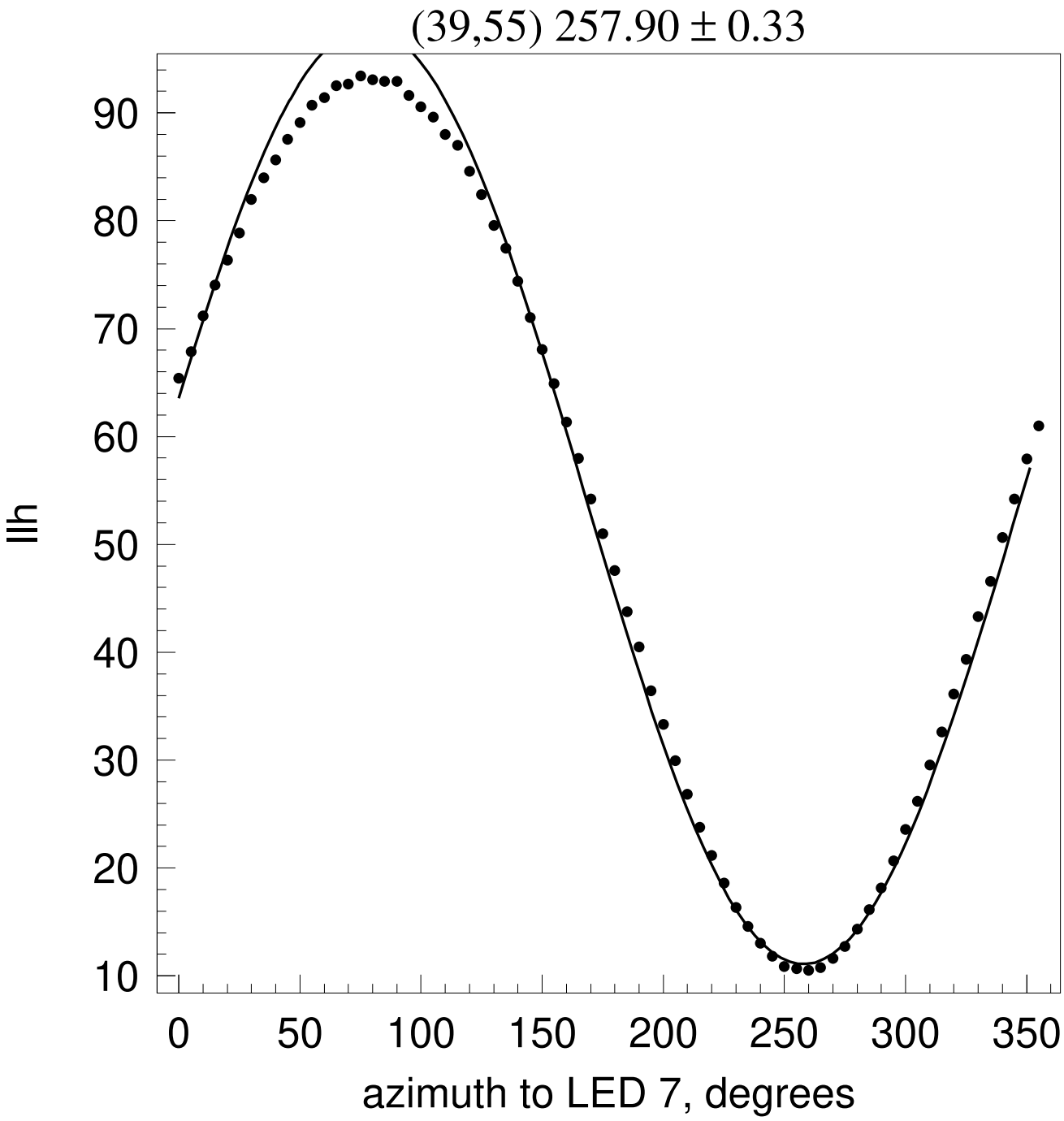

(39,50) 273.10 ± 0.78
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

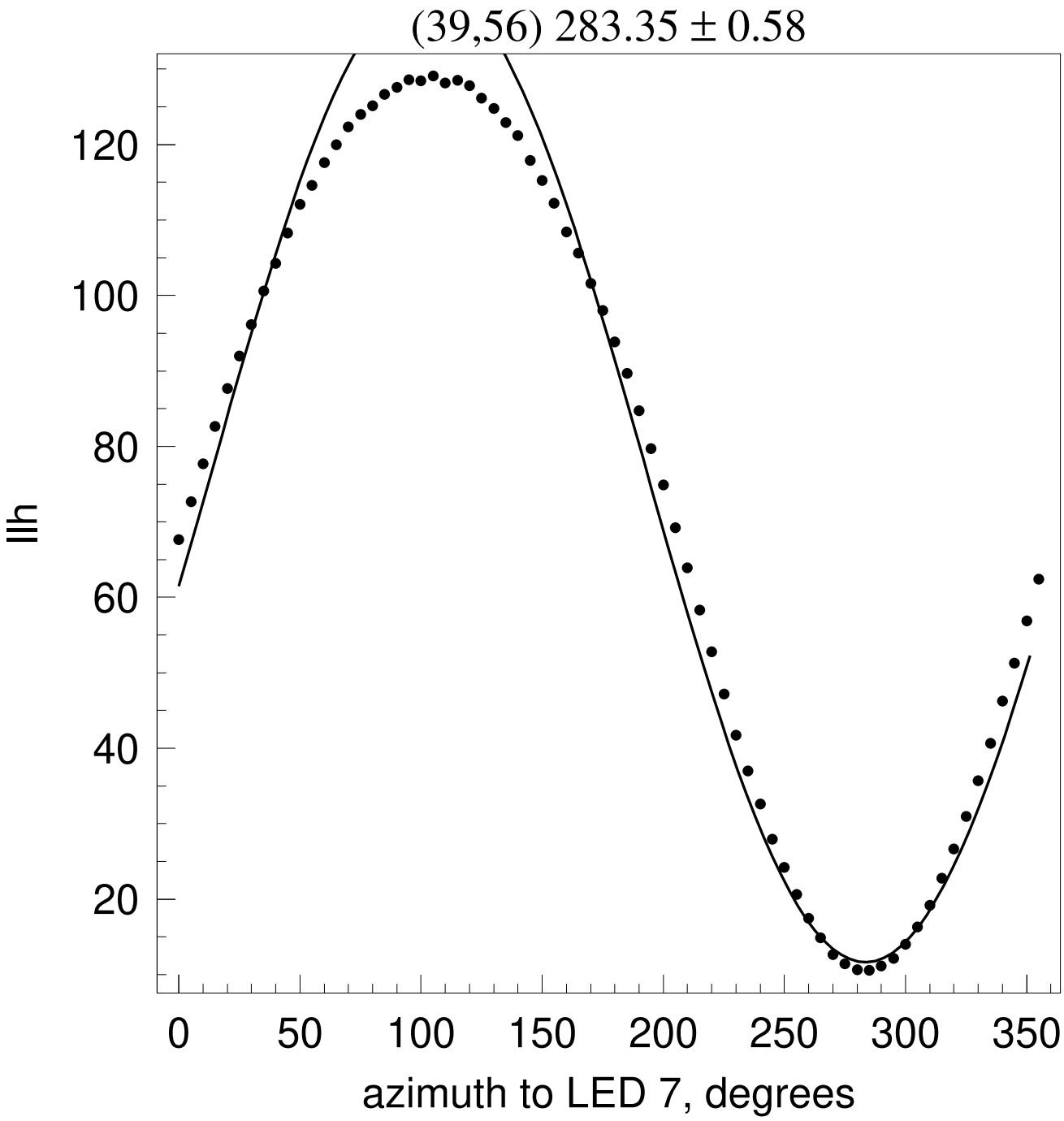

(39,51) 171.22 ± 0.82
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

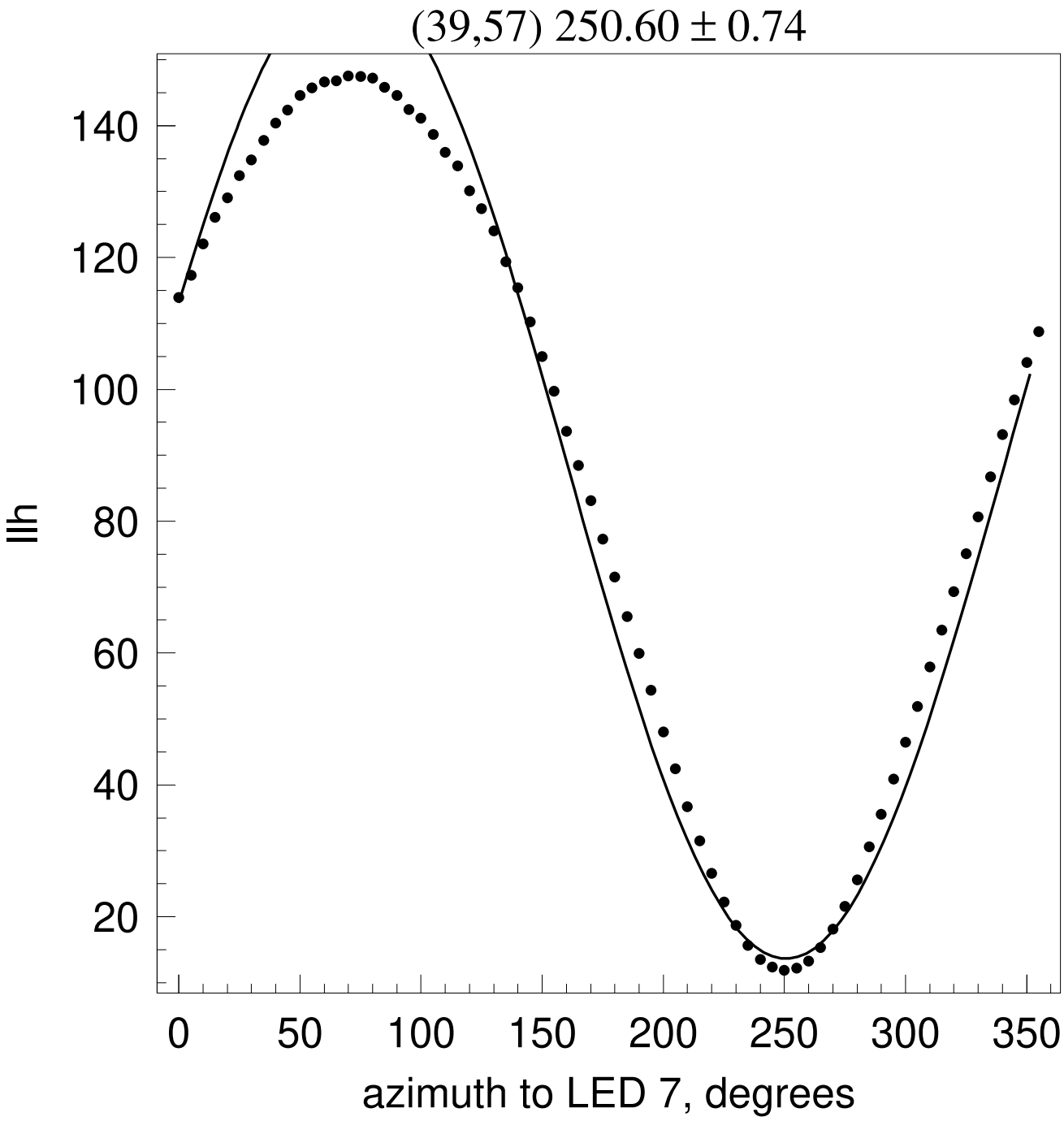

(39,52) 122.52 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

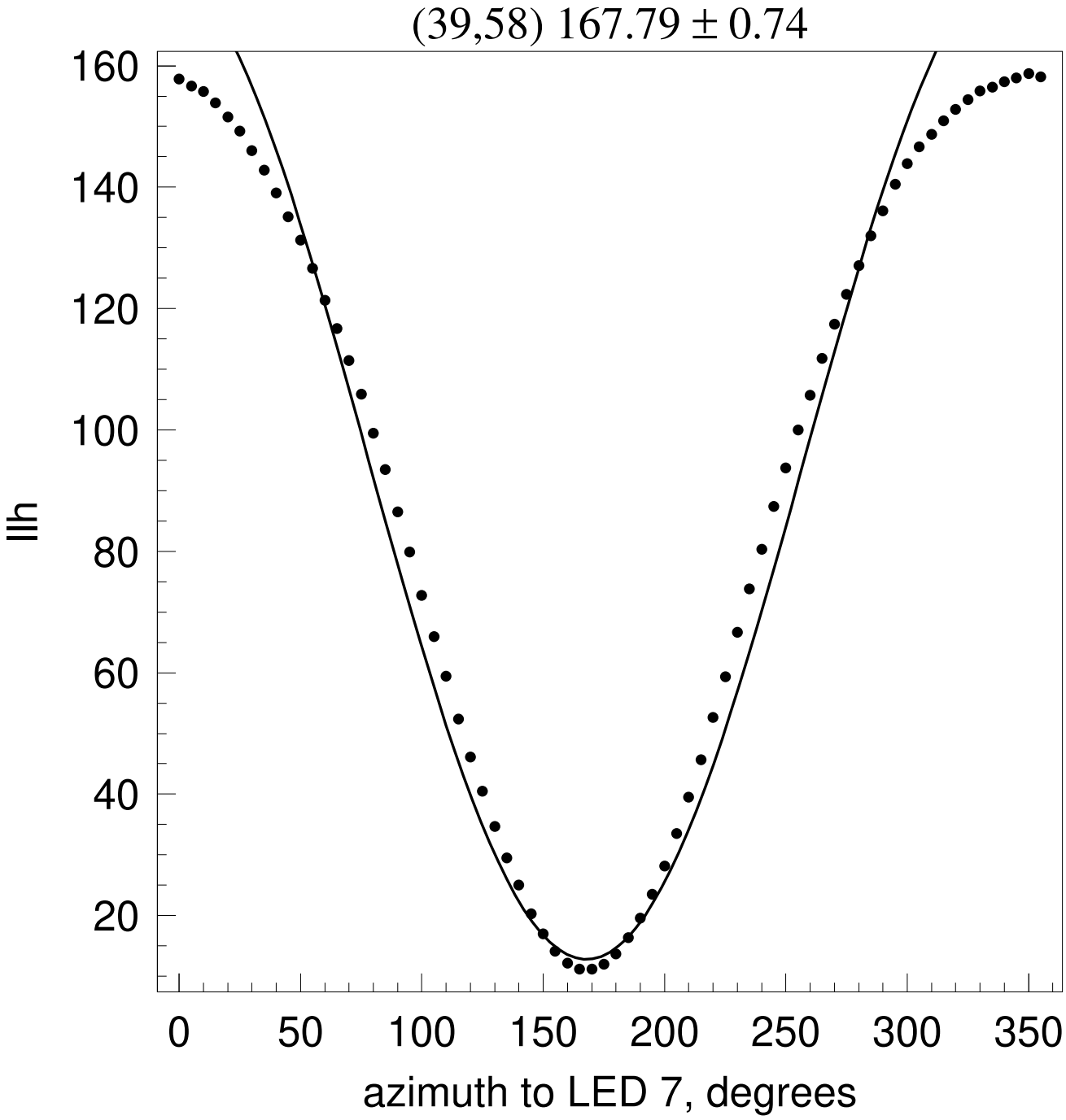

(39,53) 356.43 ± 0.29
llh
90
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

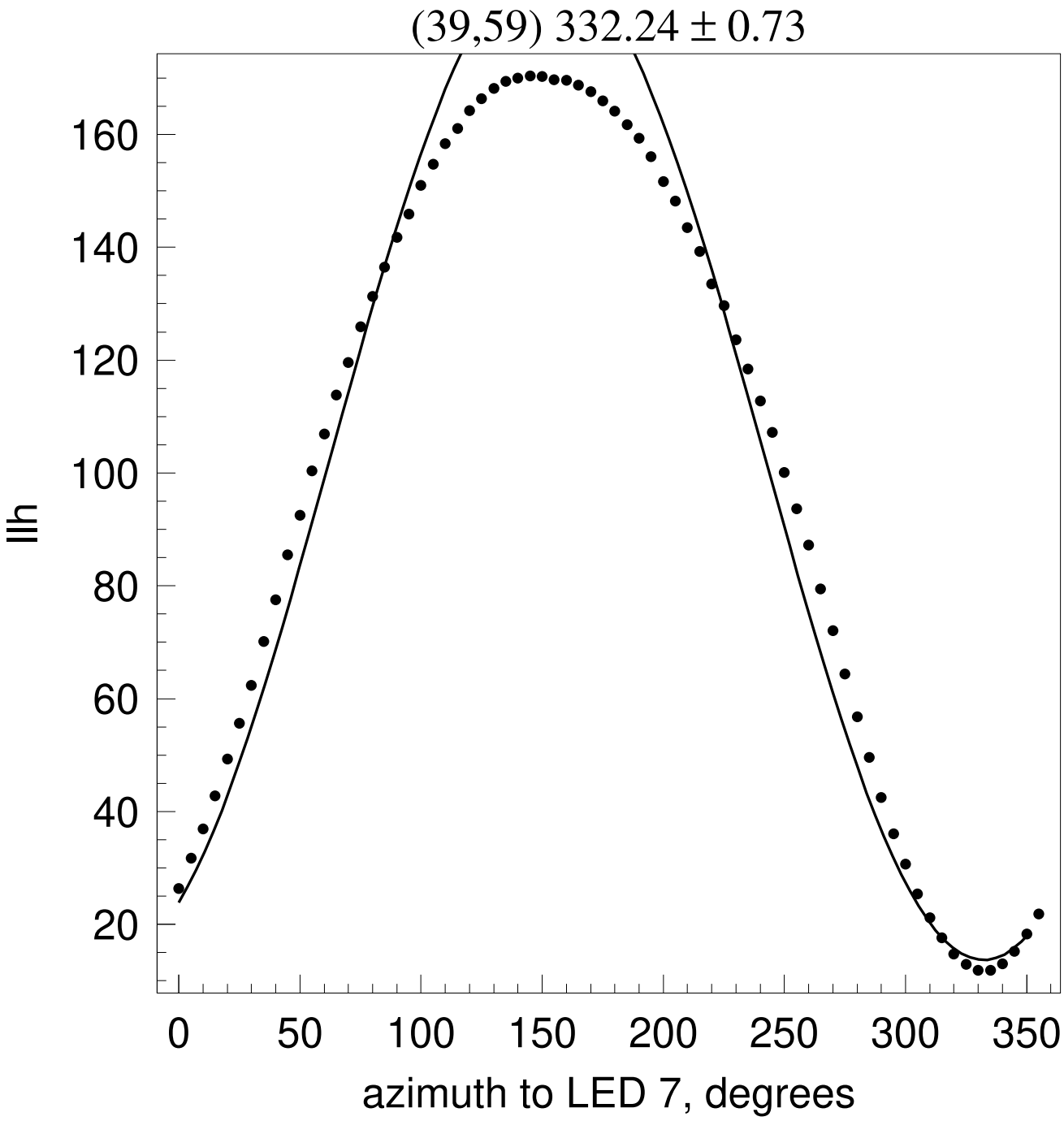

(39,54) 338.90 ± 0.25
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

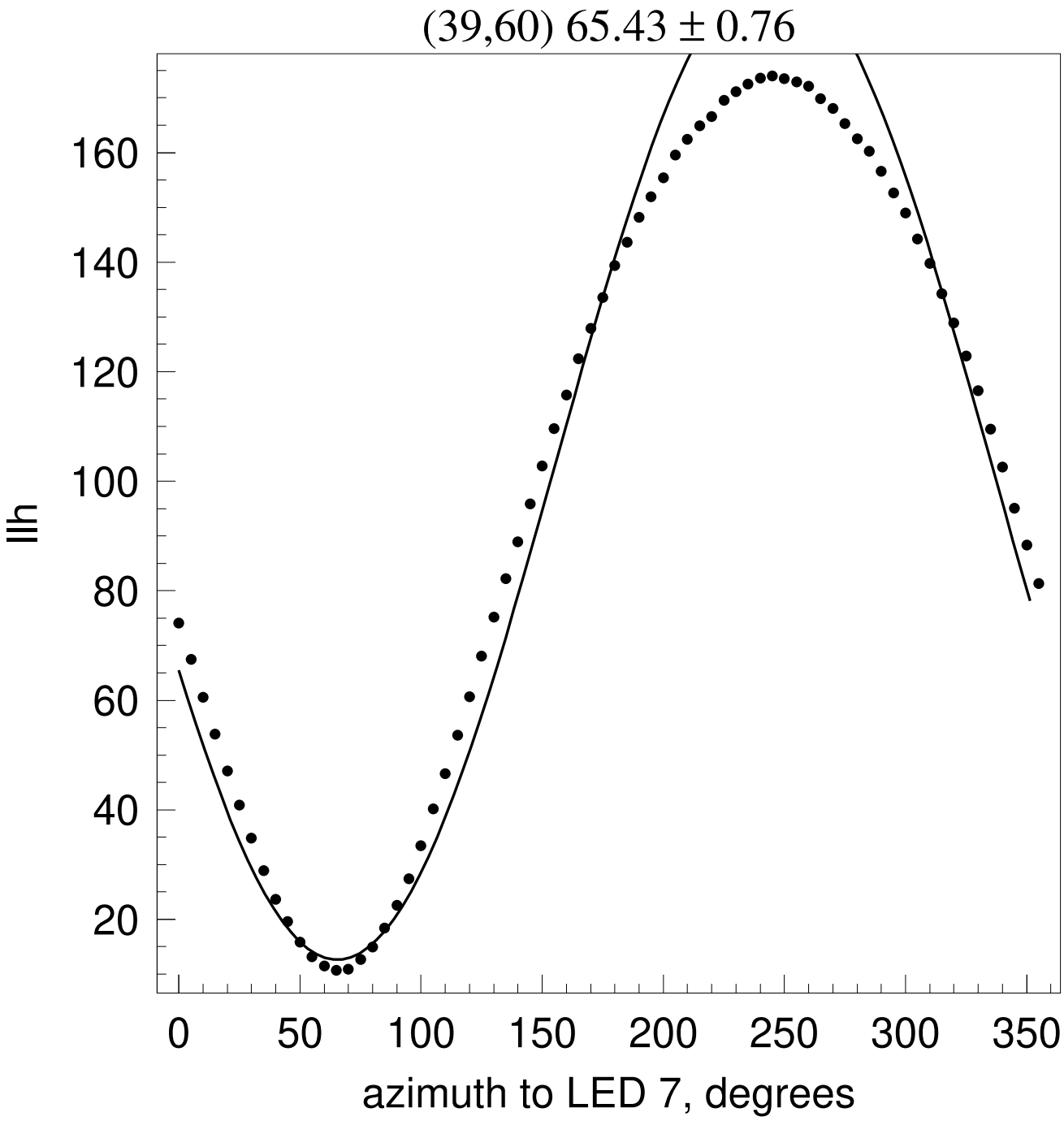

(39,55) 257.90 ± 0.33
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

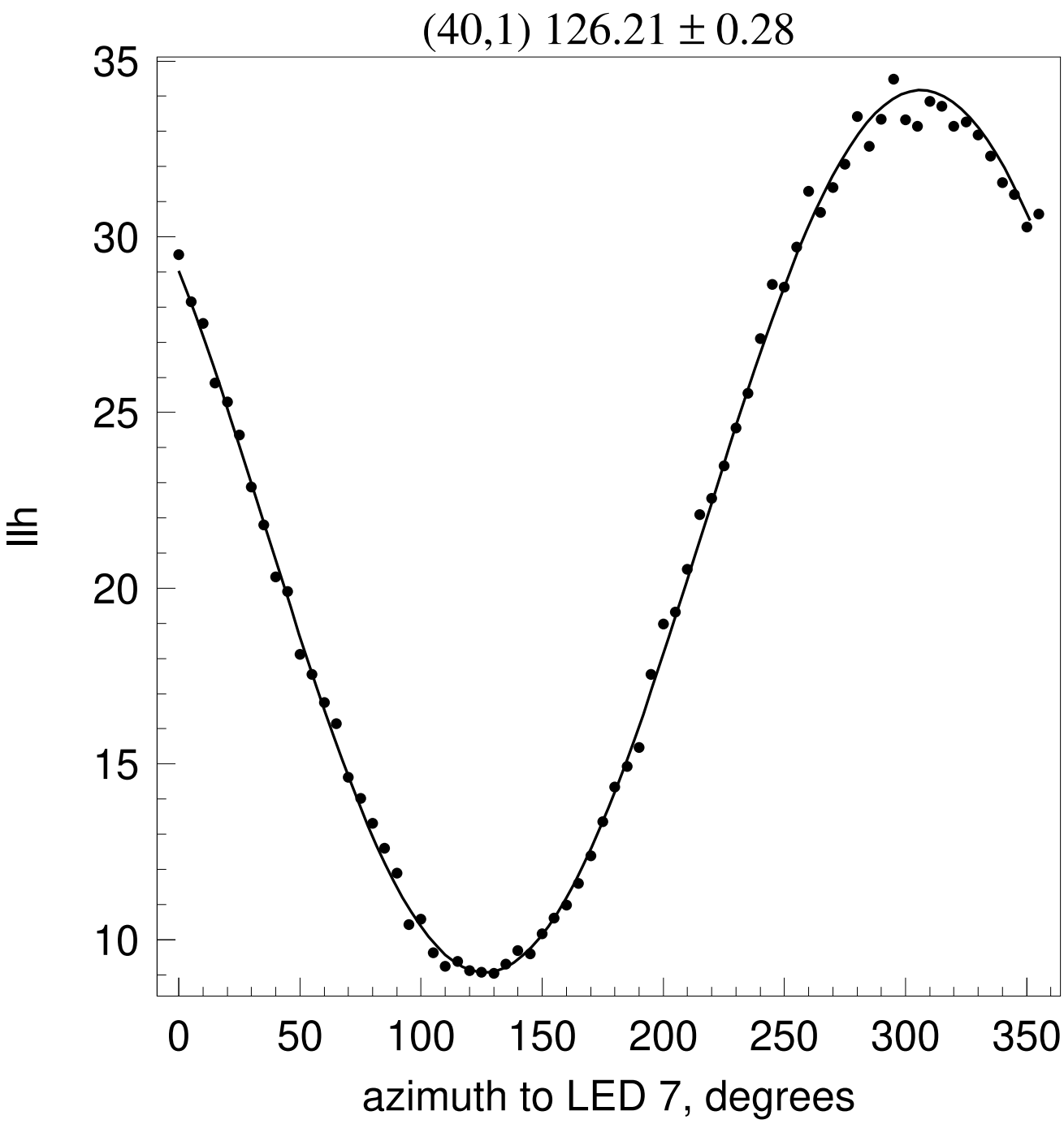

(39,56) 283.35 ± 0.58
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

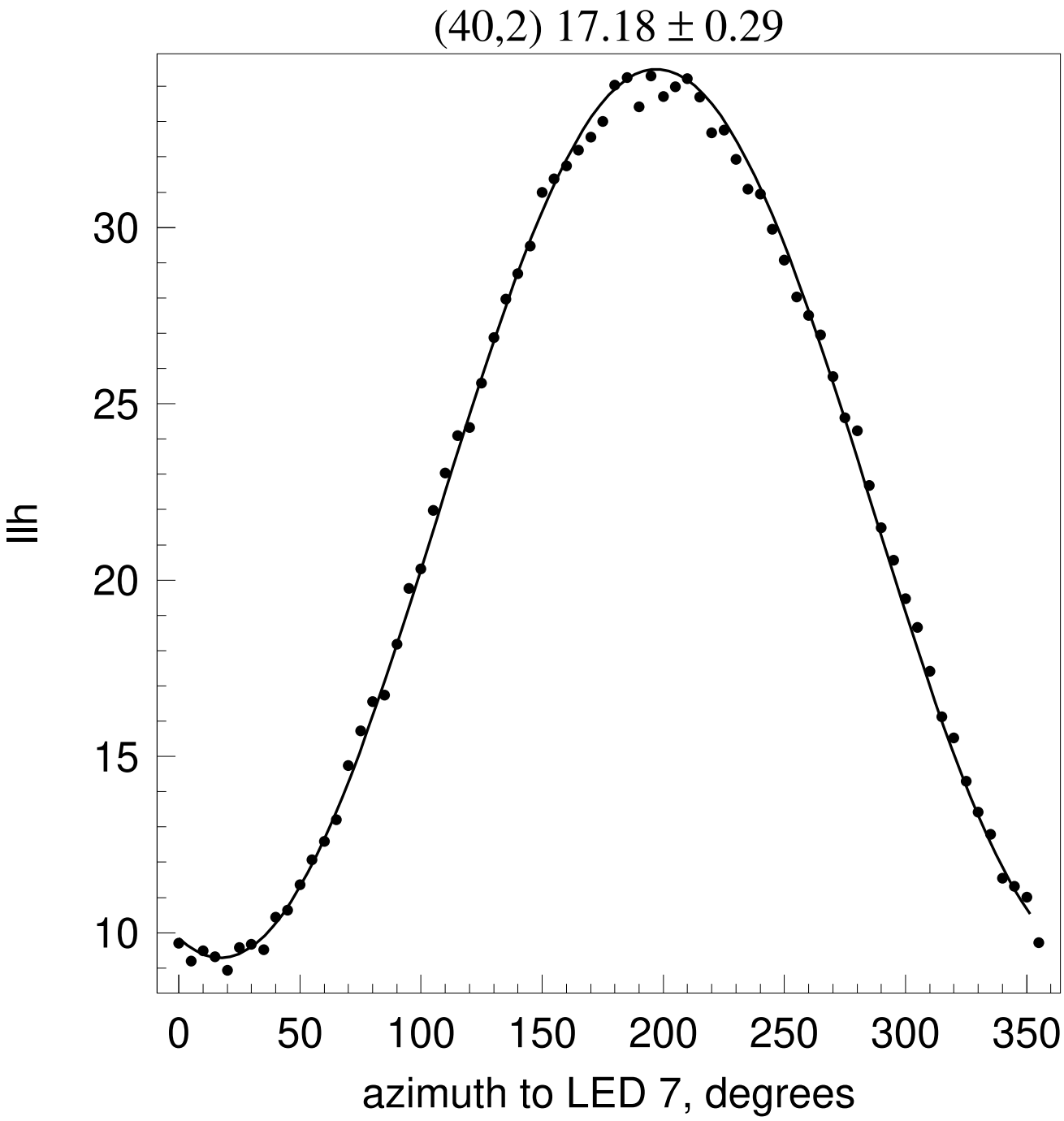

(39,57) 250.60 ± 0.74
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

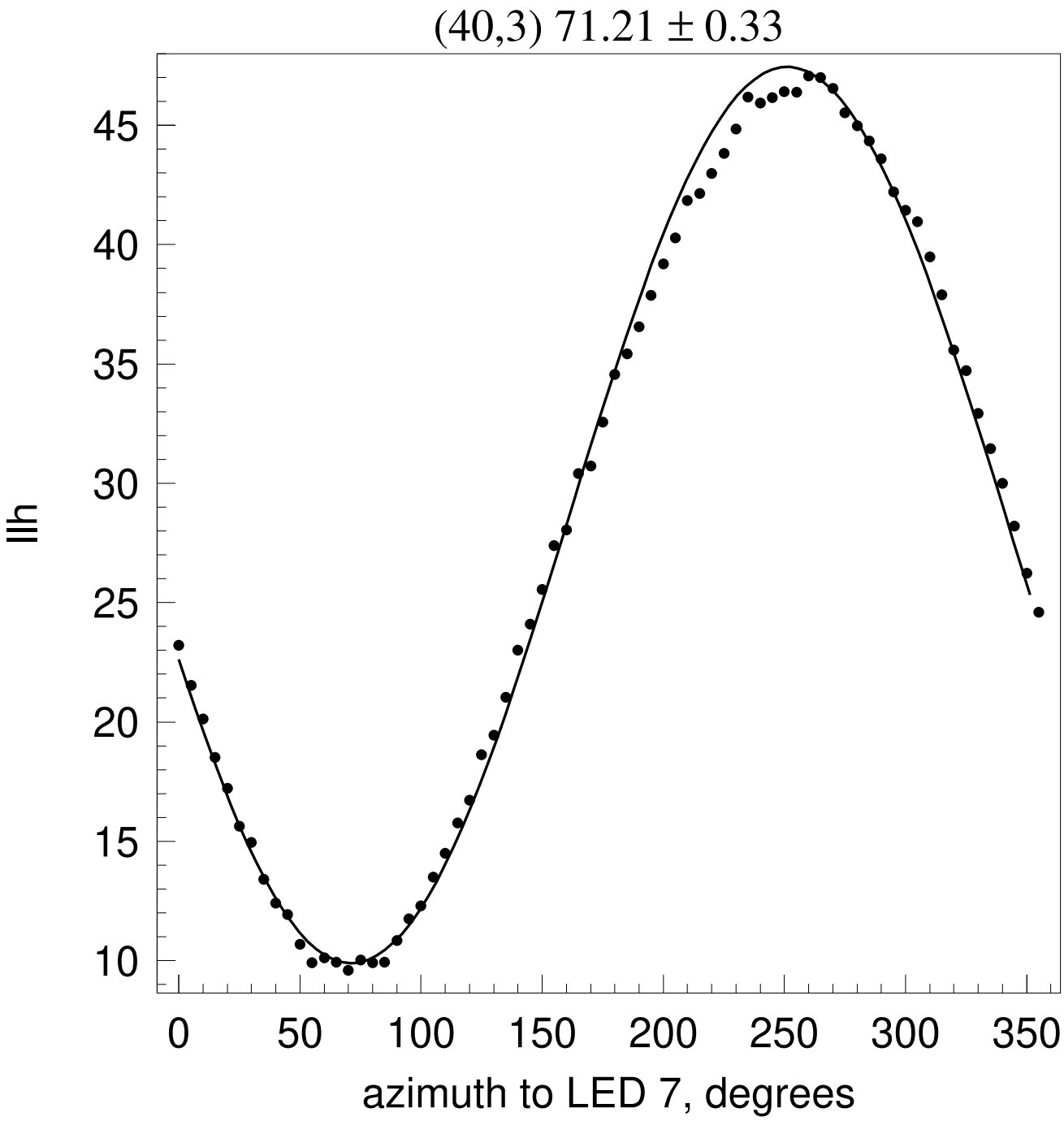

(39,58) 167.79 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

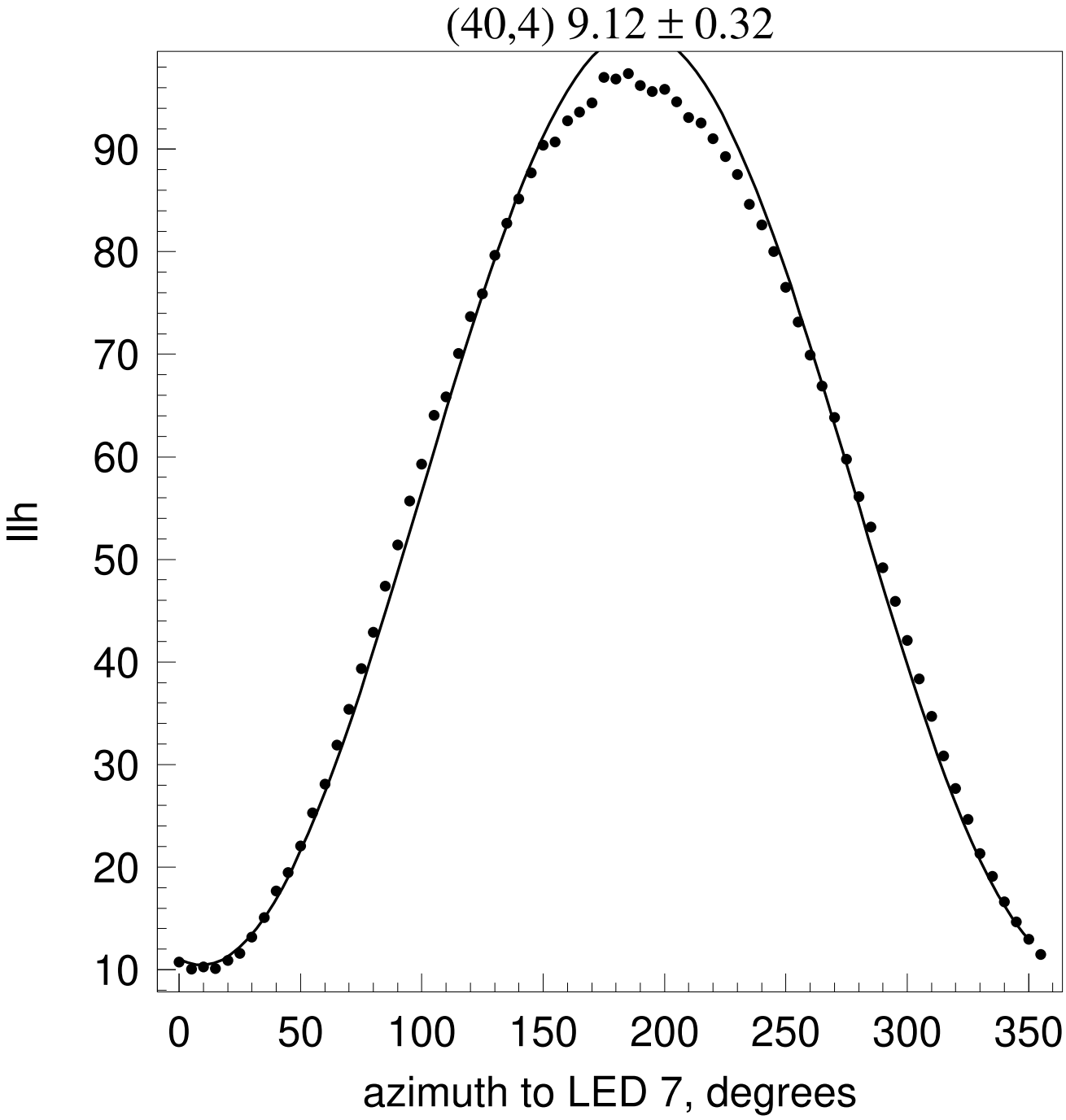

(39,59) 332.24 ± 0.73
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

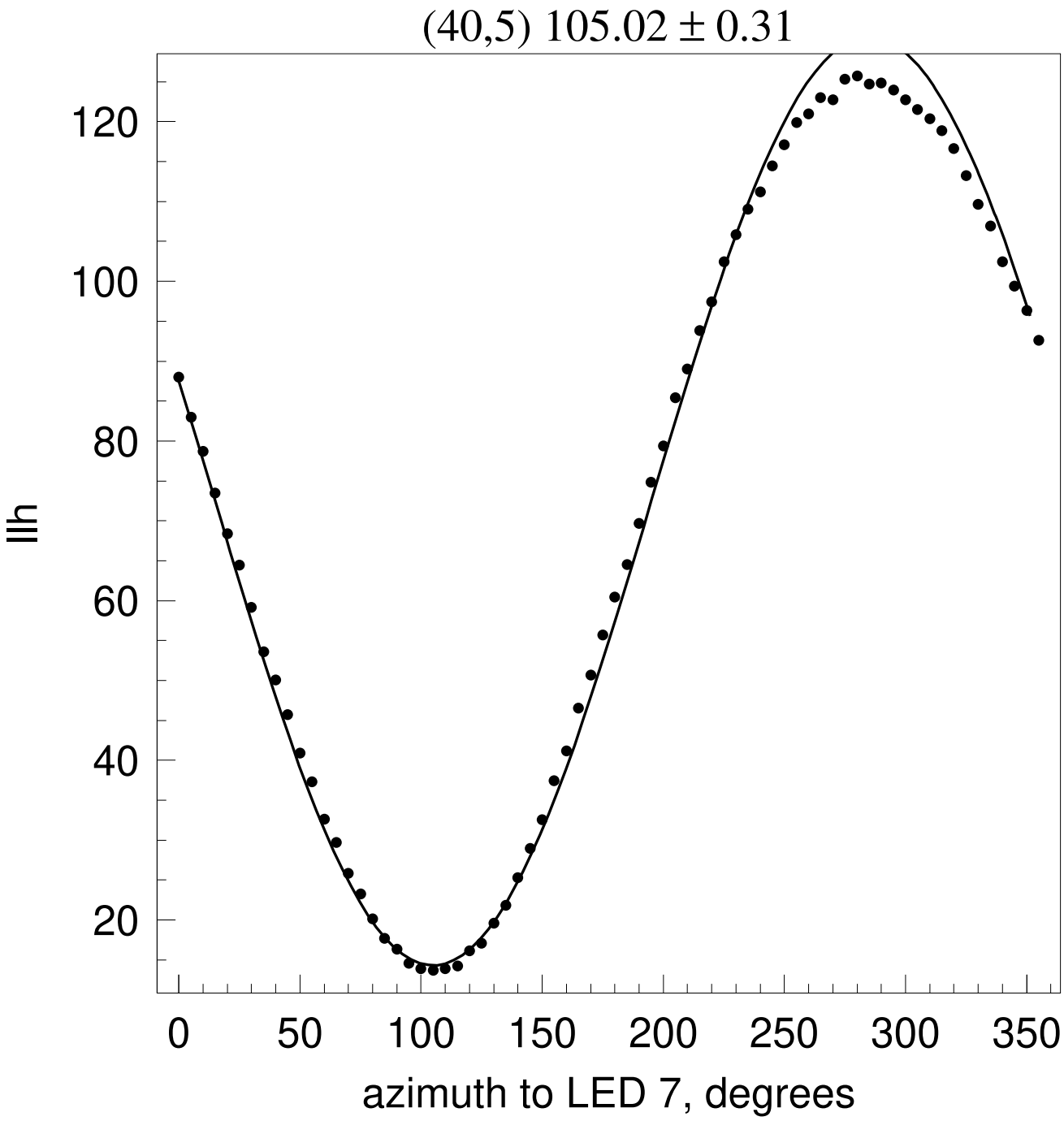

(39,60) 65.43 ± 0.76
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

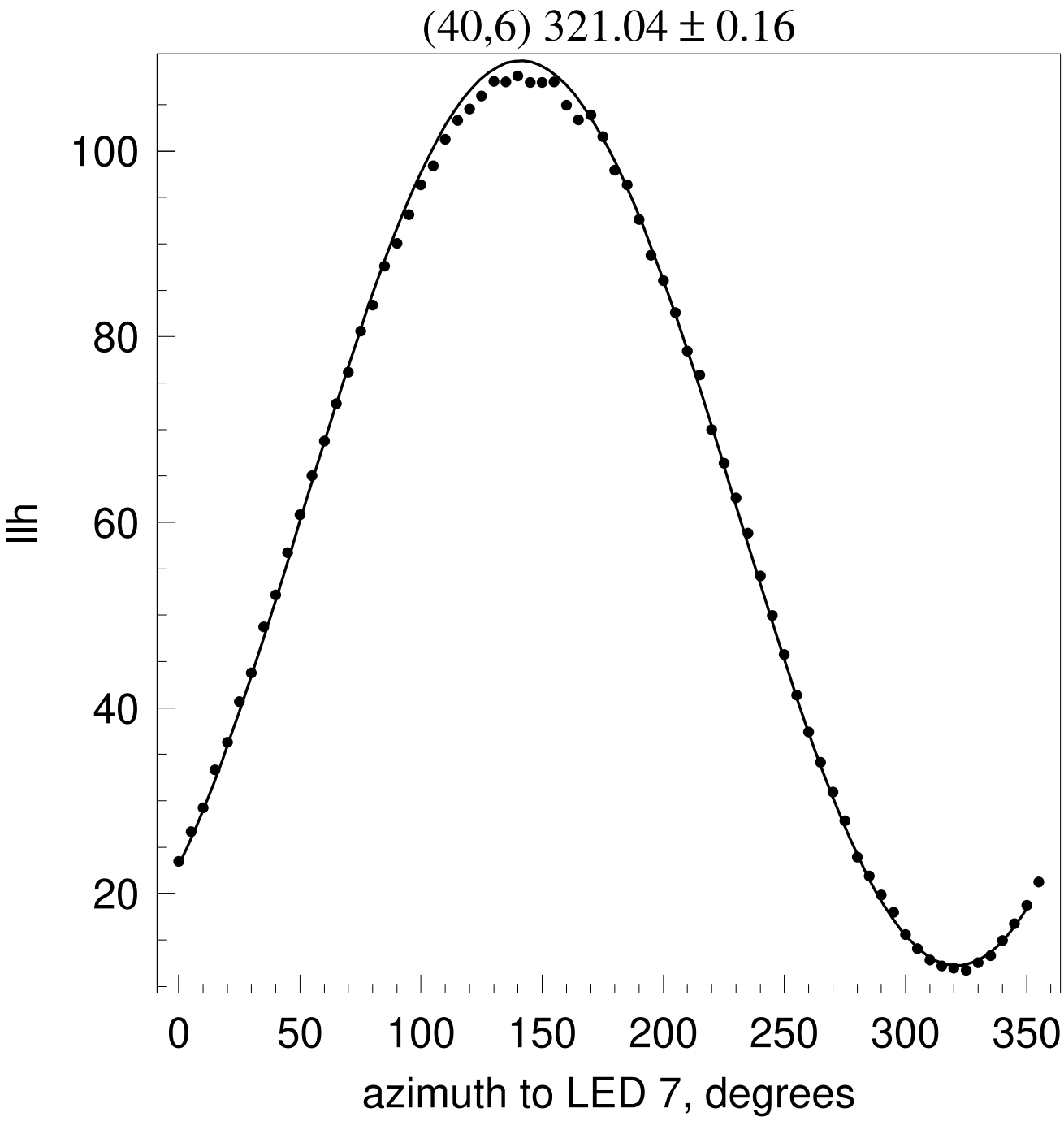

(40,1) 126.21 ± 0.28
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

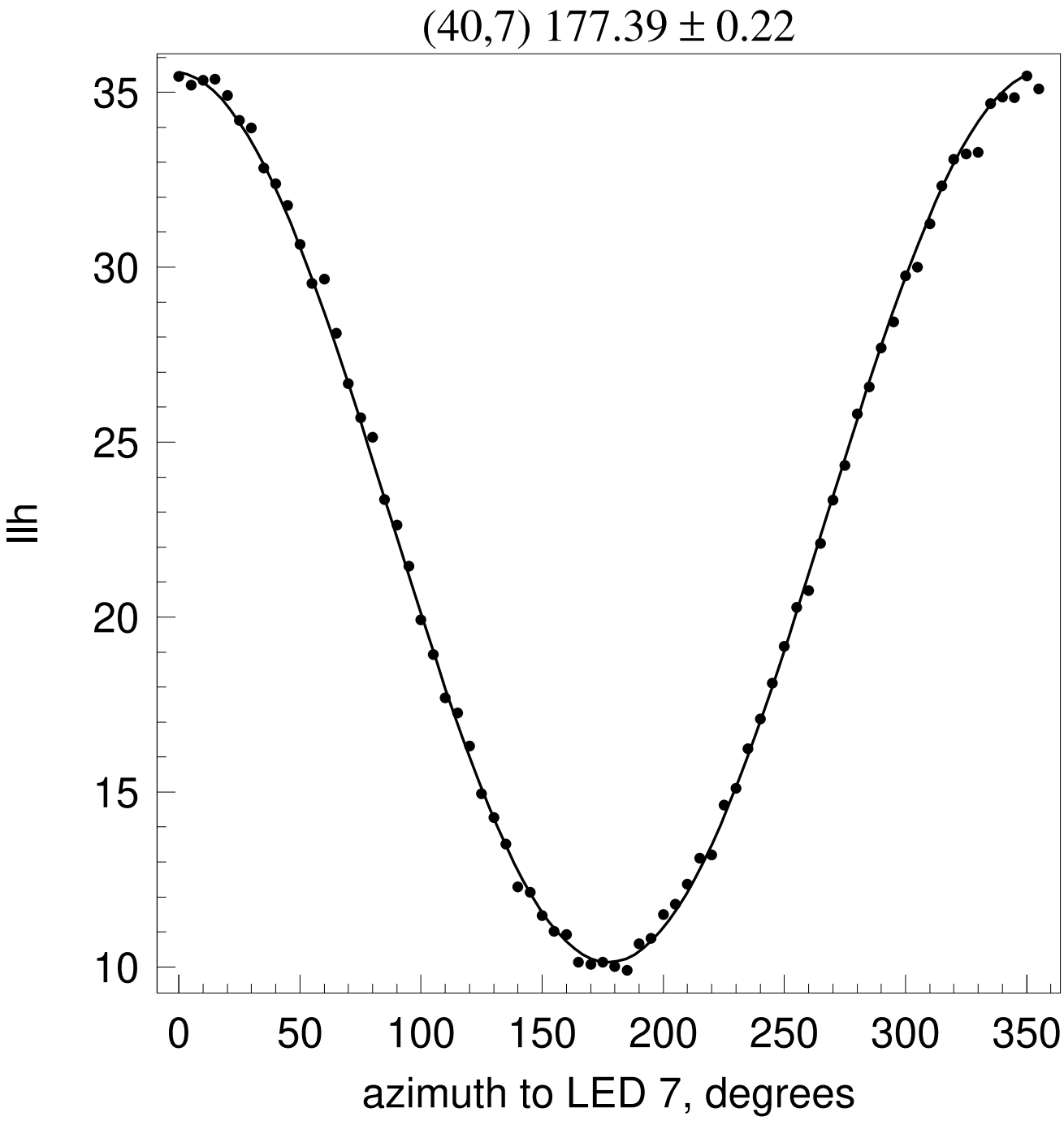

(40,2) 17.18 ± 0.29
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

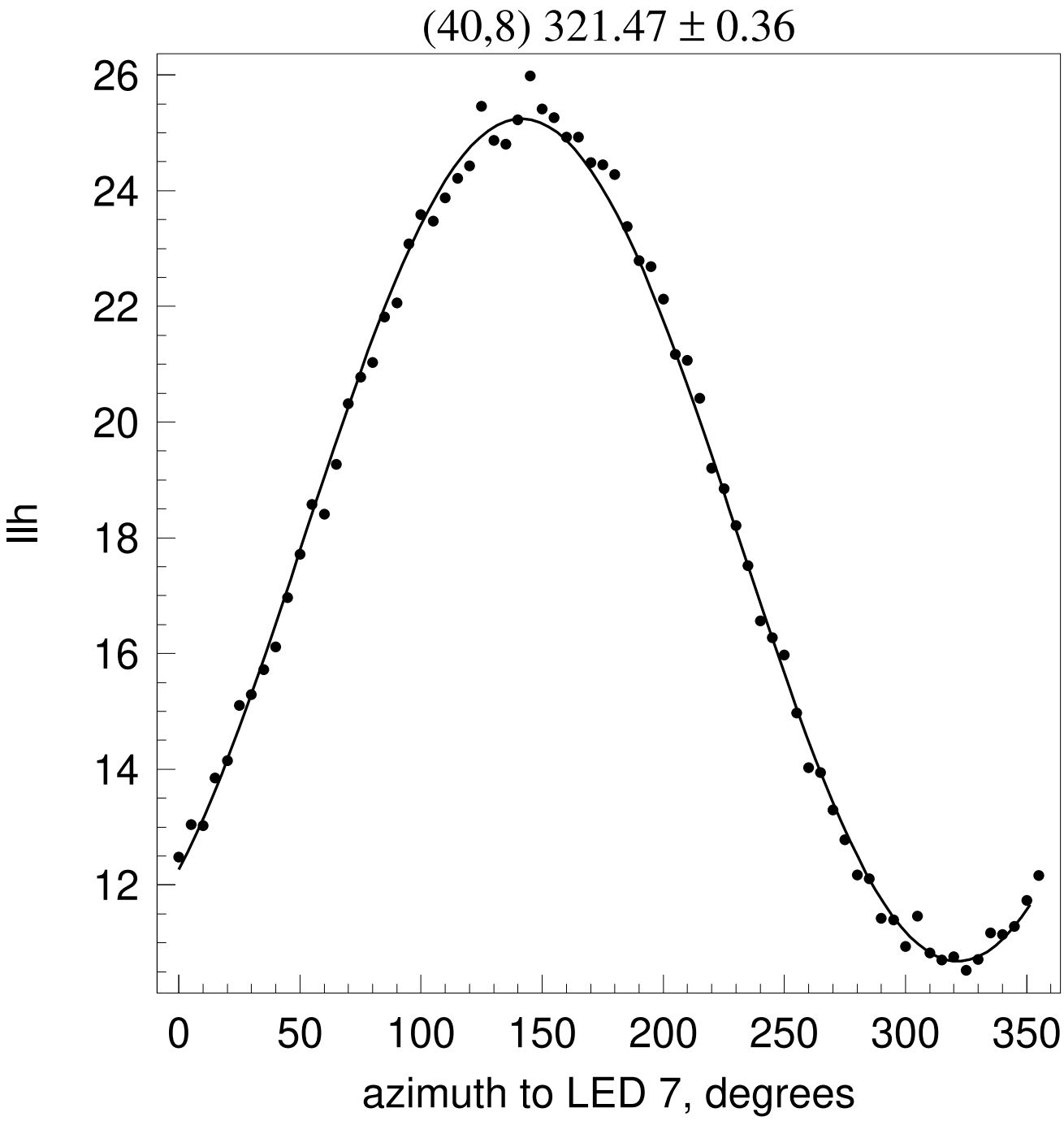

(40,3) 71.21 ± 0.33
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

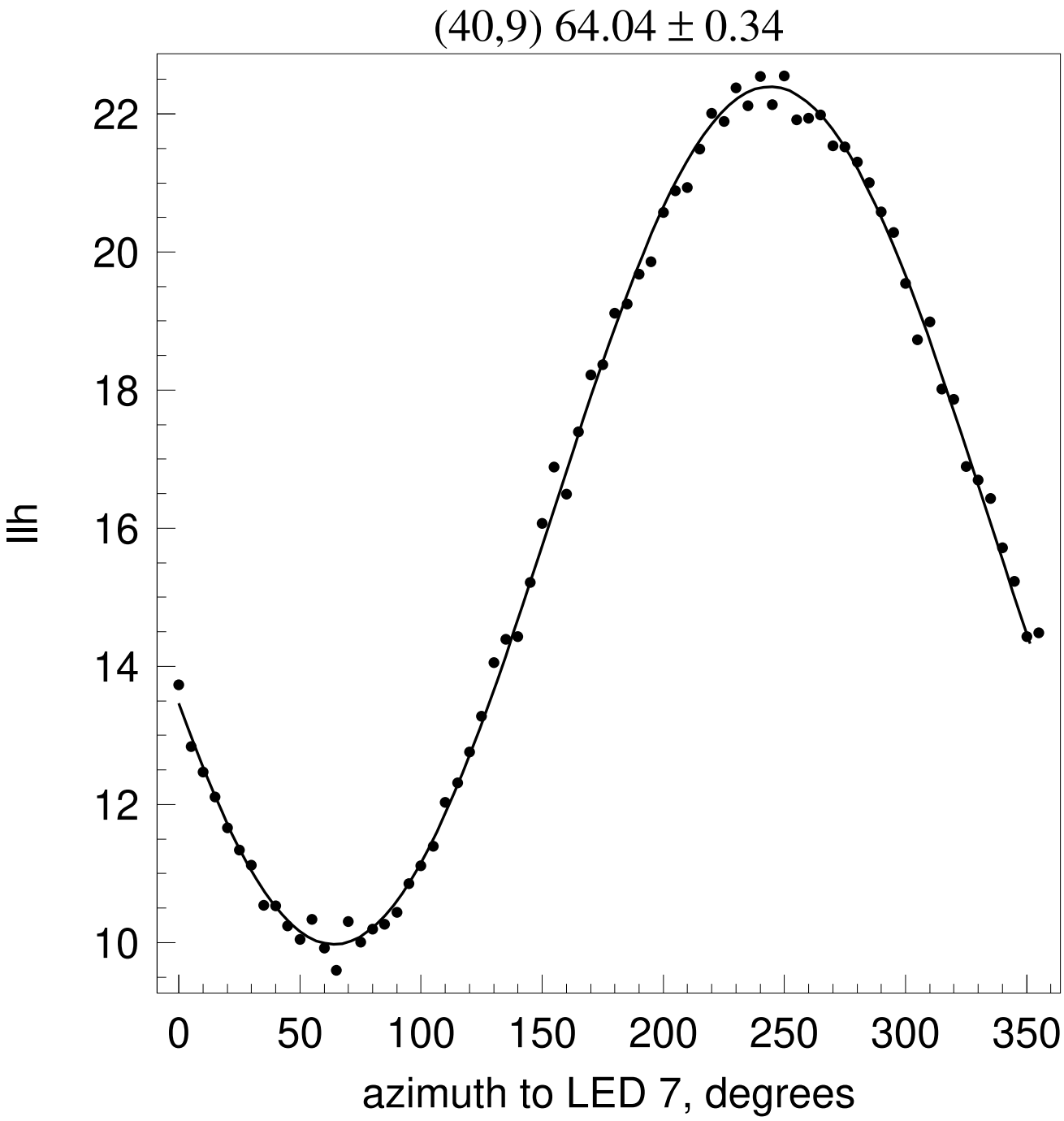

(40,4) 9.12 ± 0.32
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

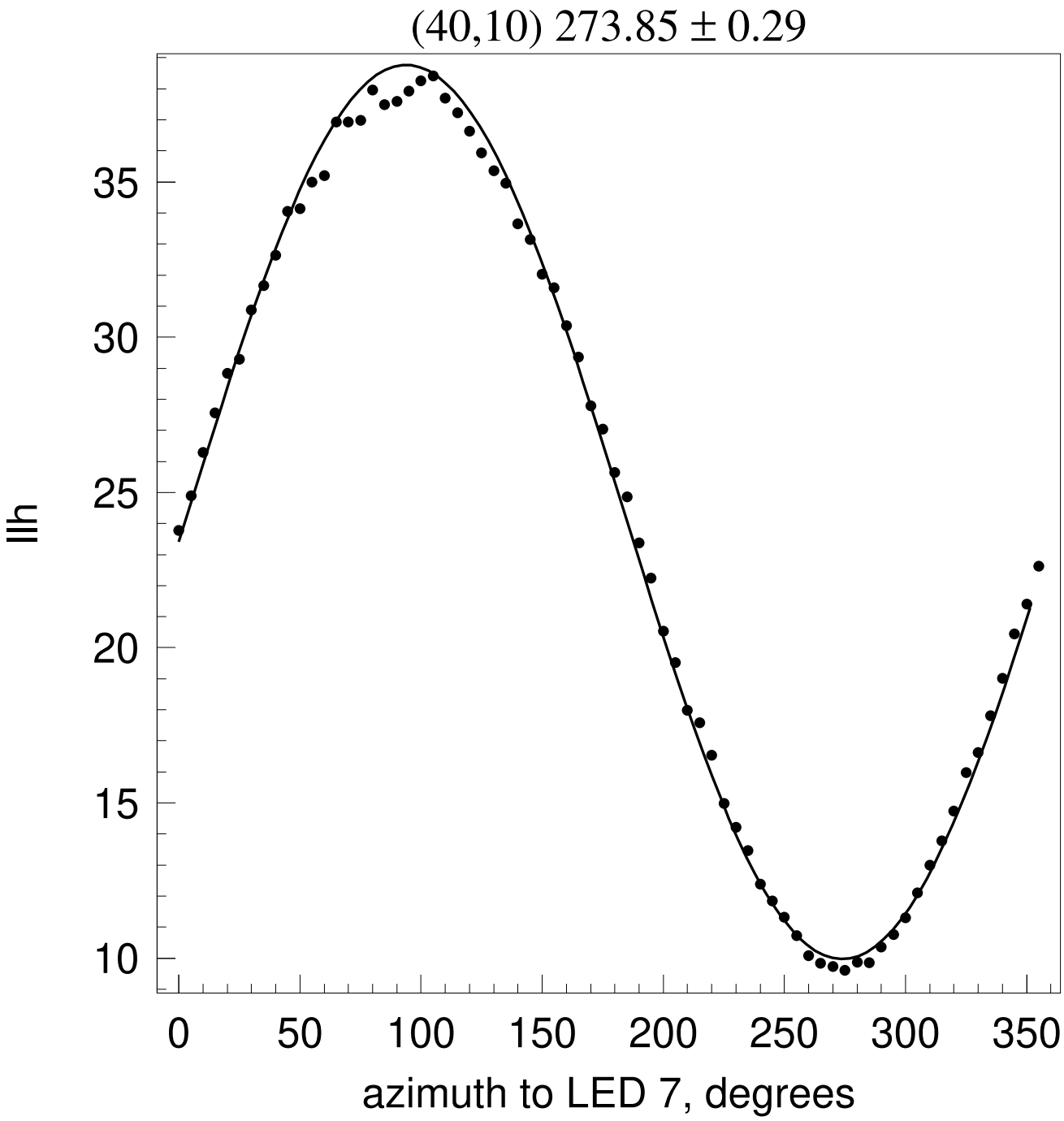

(40,5) 105.02 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

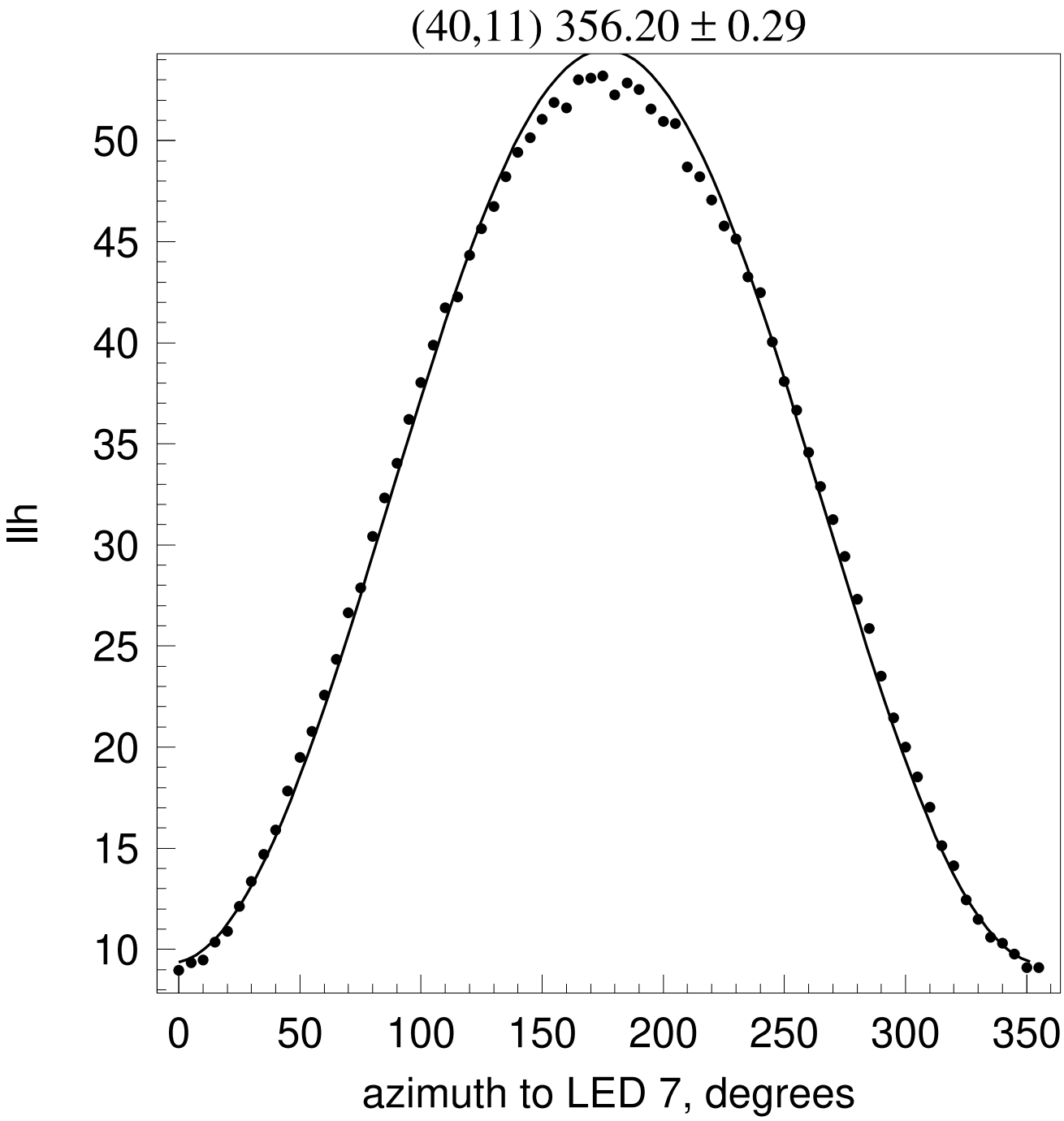

(40,6) 321.04 ± 0.16
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

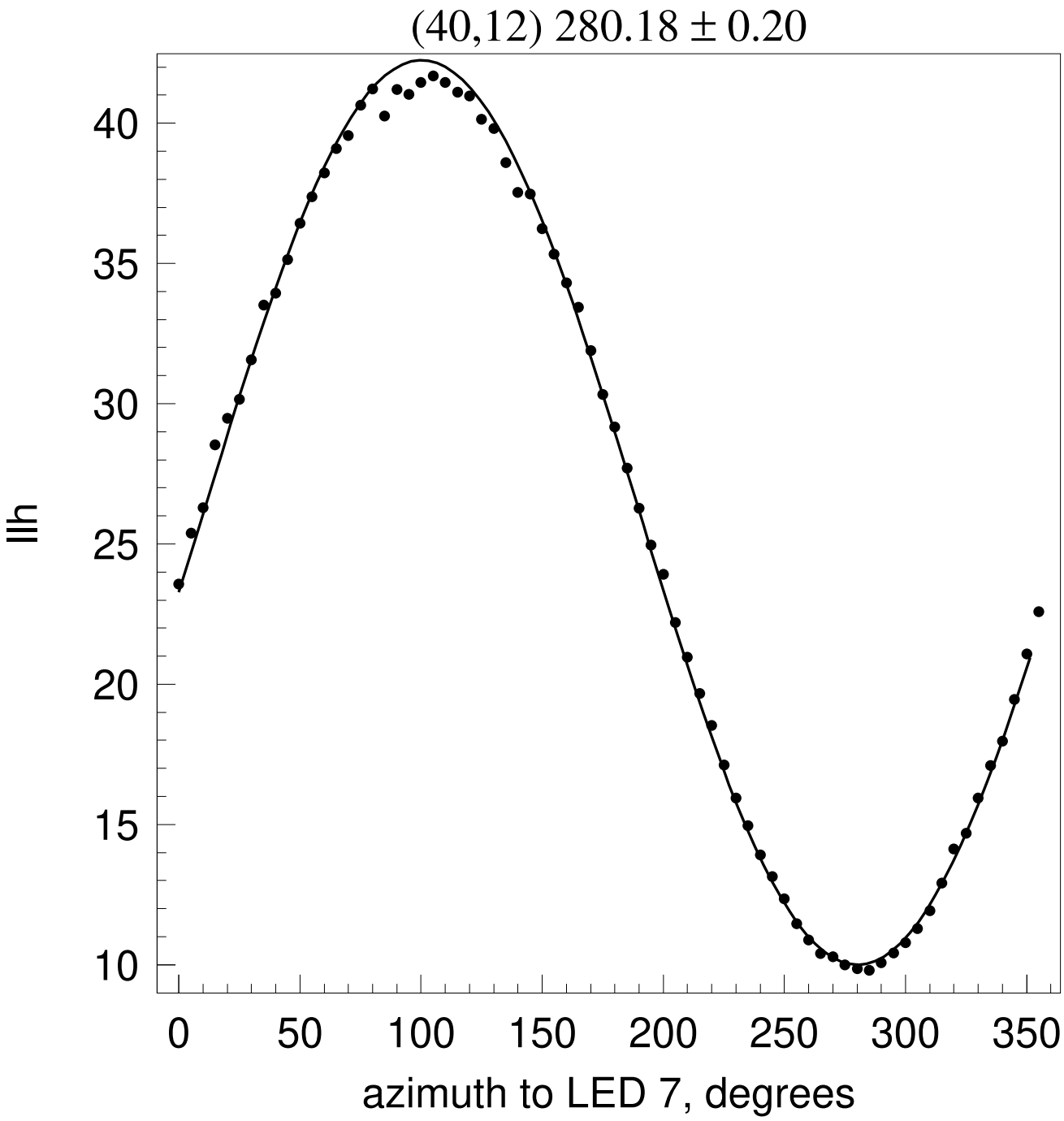

(40,7) 177.39 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

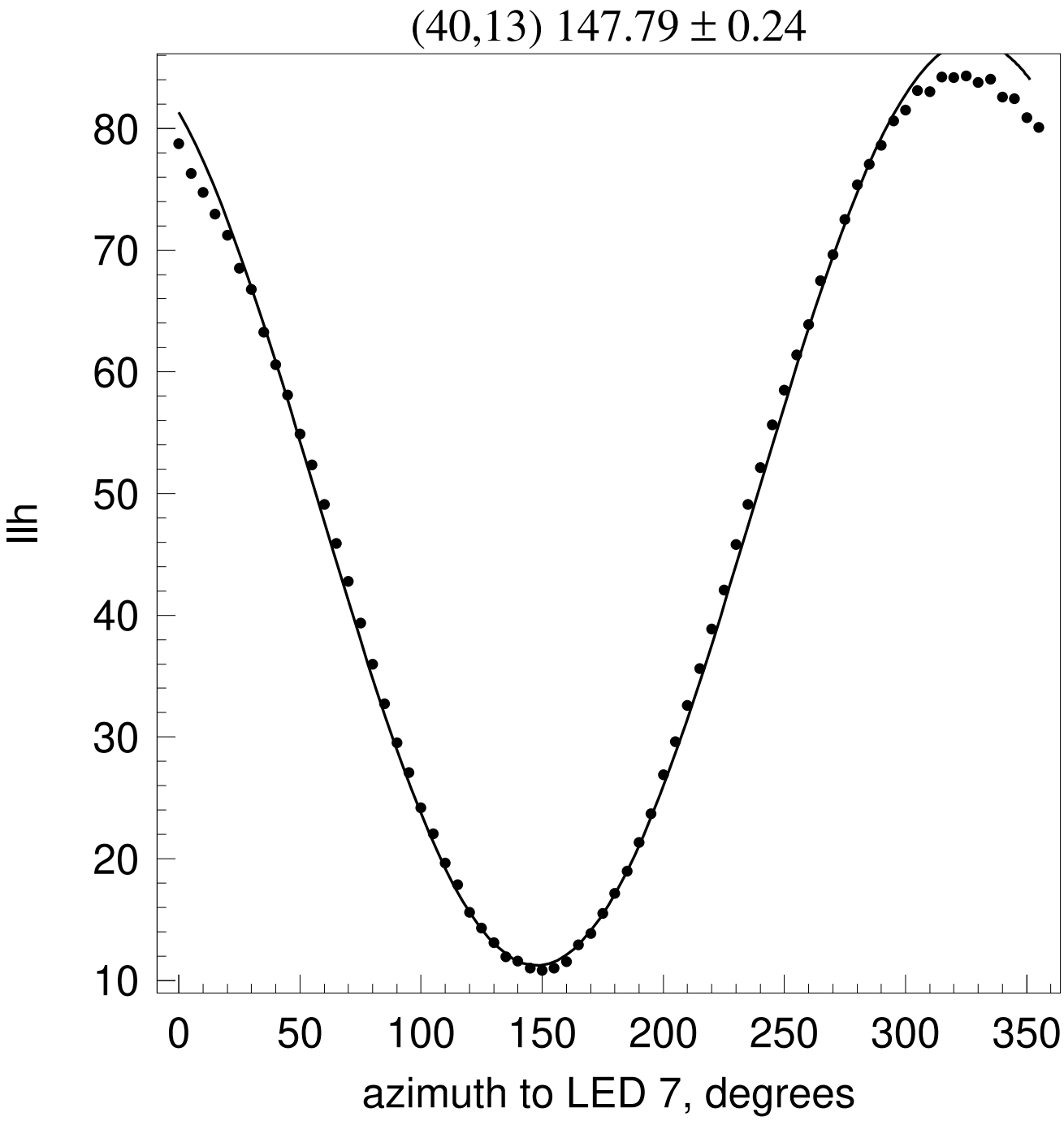

(40,8) 321.47 ± 0.36
26
24
22
20
18
16
14
12
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

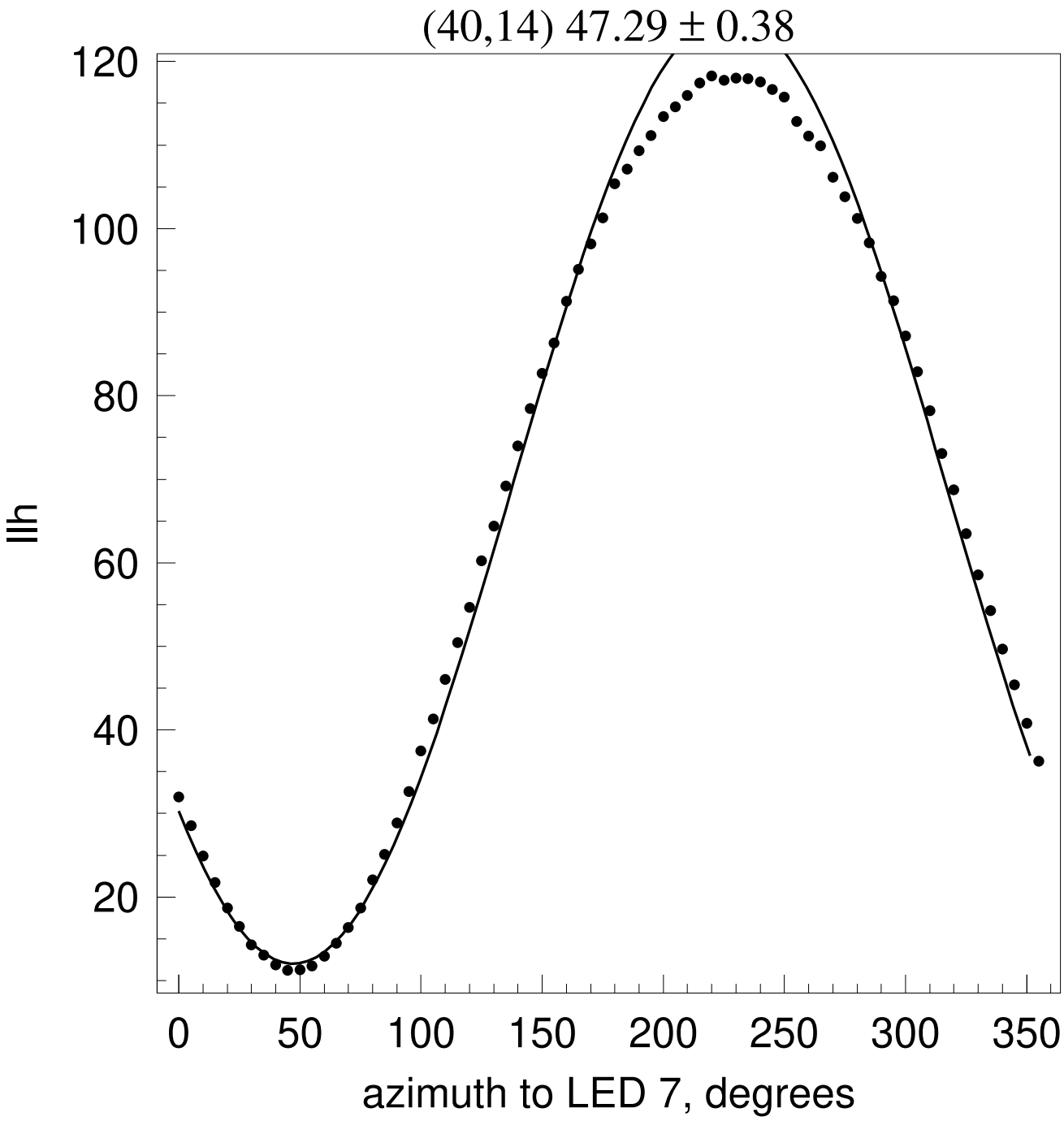

(40,9) 64.04 ± 0.34
22
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

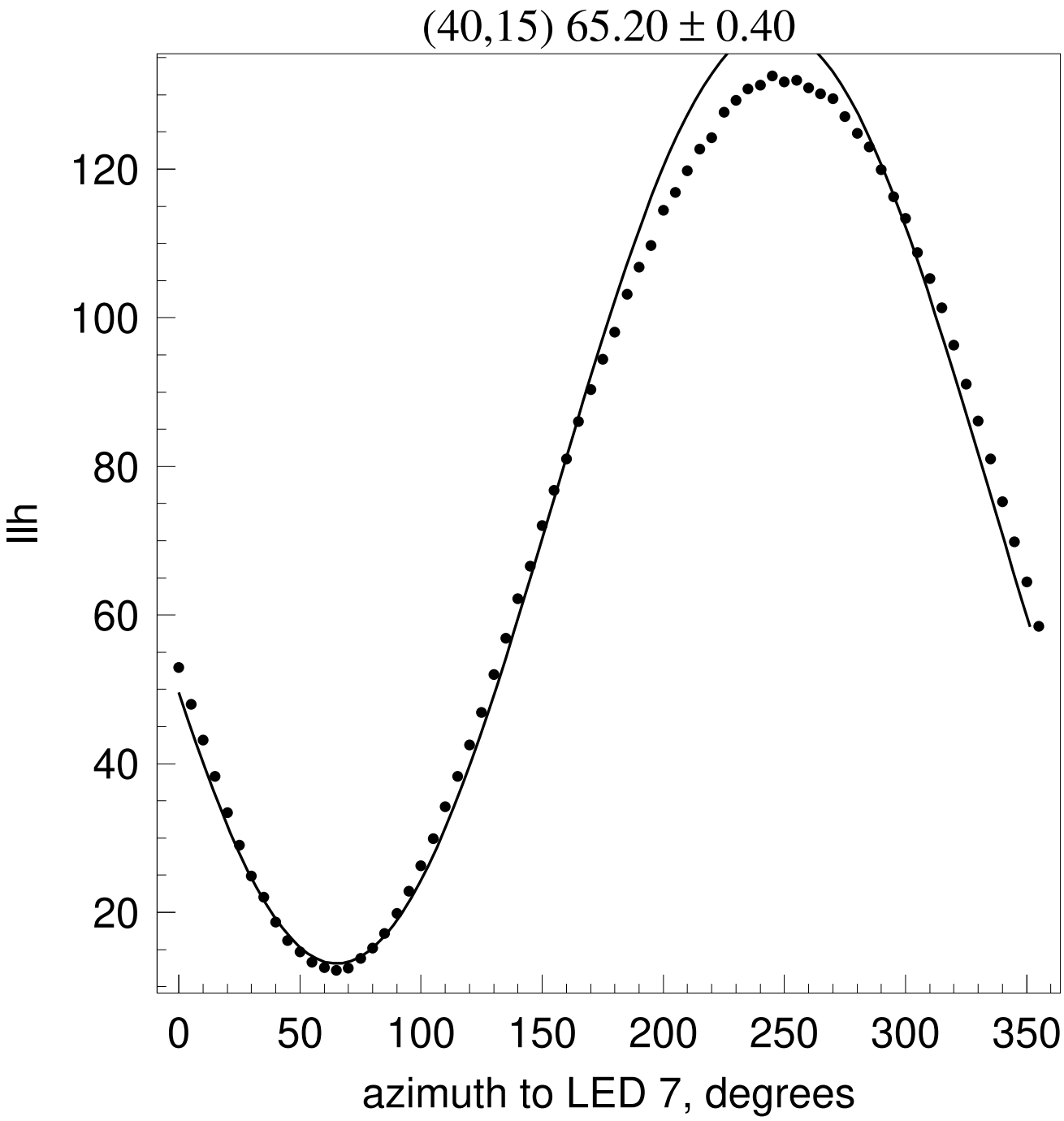

(40,10) 273.85 ± 0.29
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

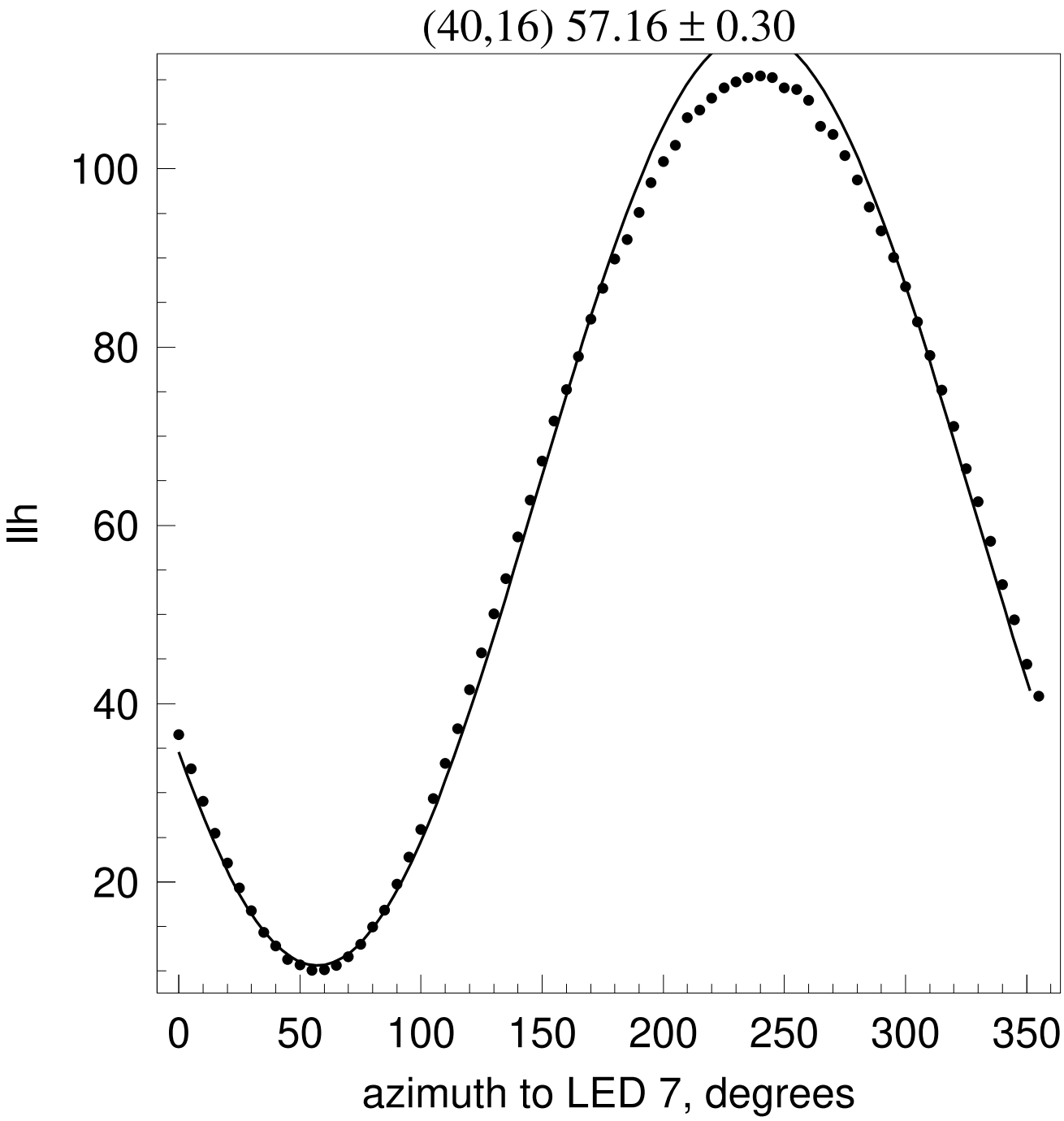

(40,11) 356.20 ± 0.29
llh
10
15
20
25
30
35
40
45
50
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

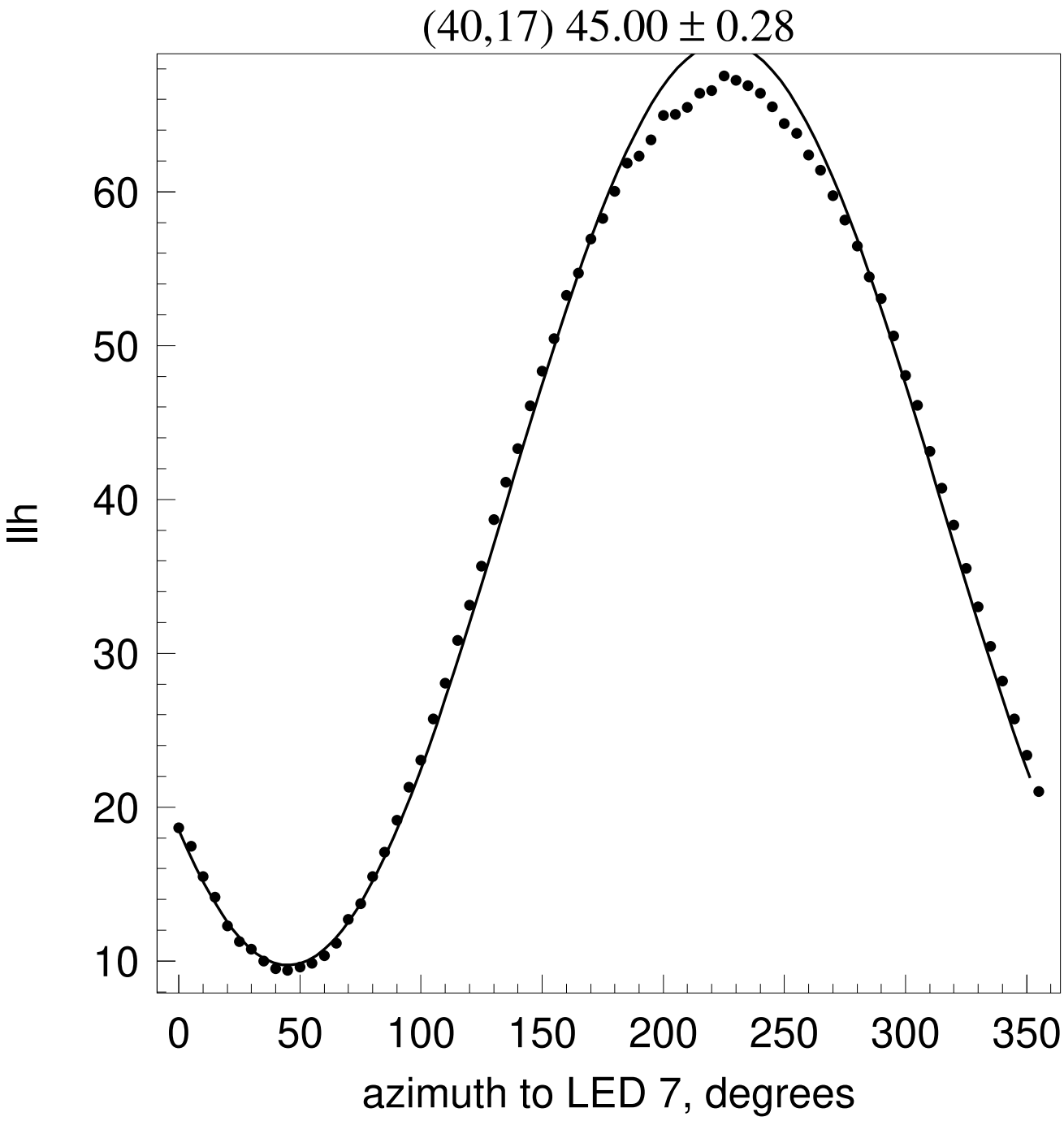

(40,12) 280.18 ± 0.20
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

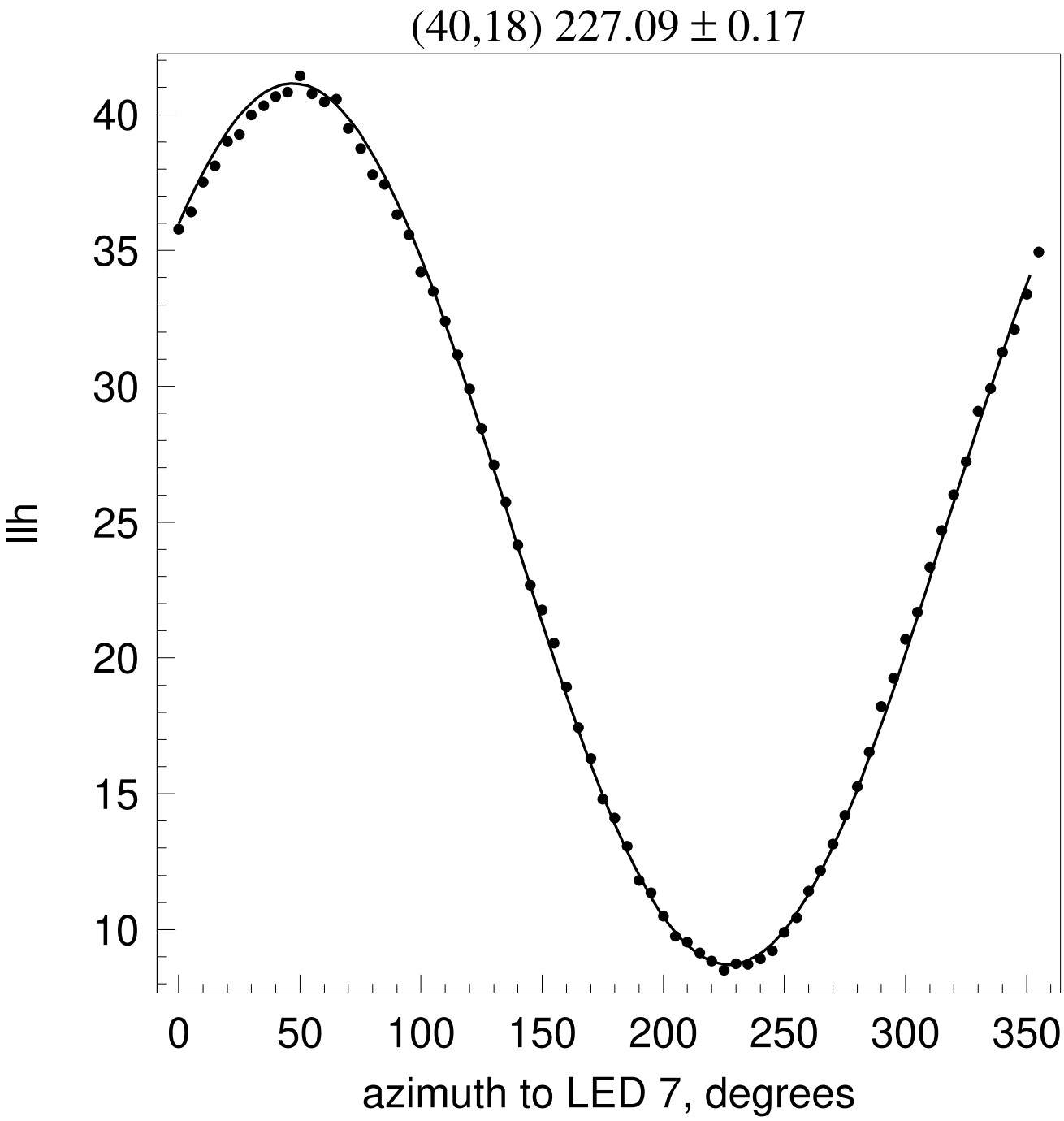

(40,13) 147.79 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

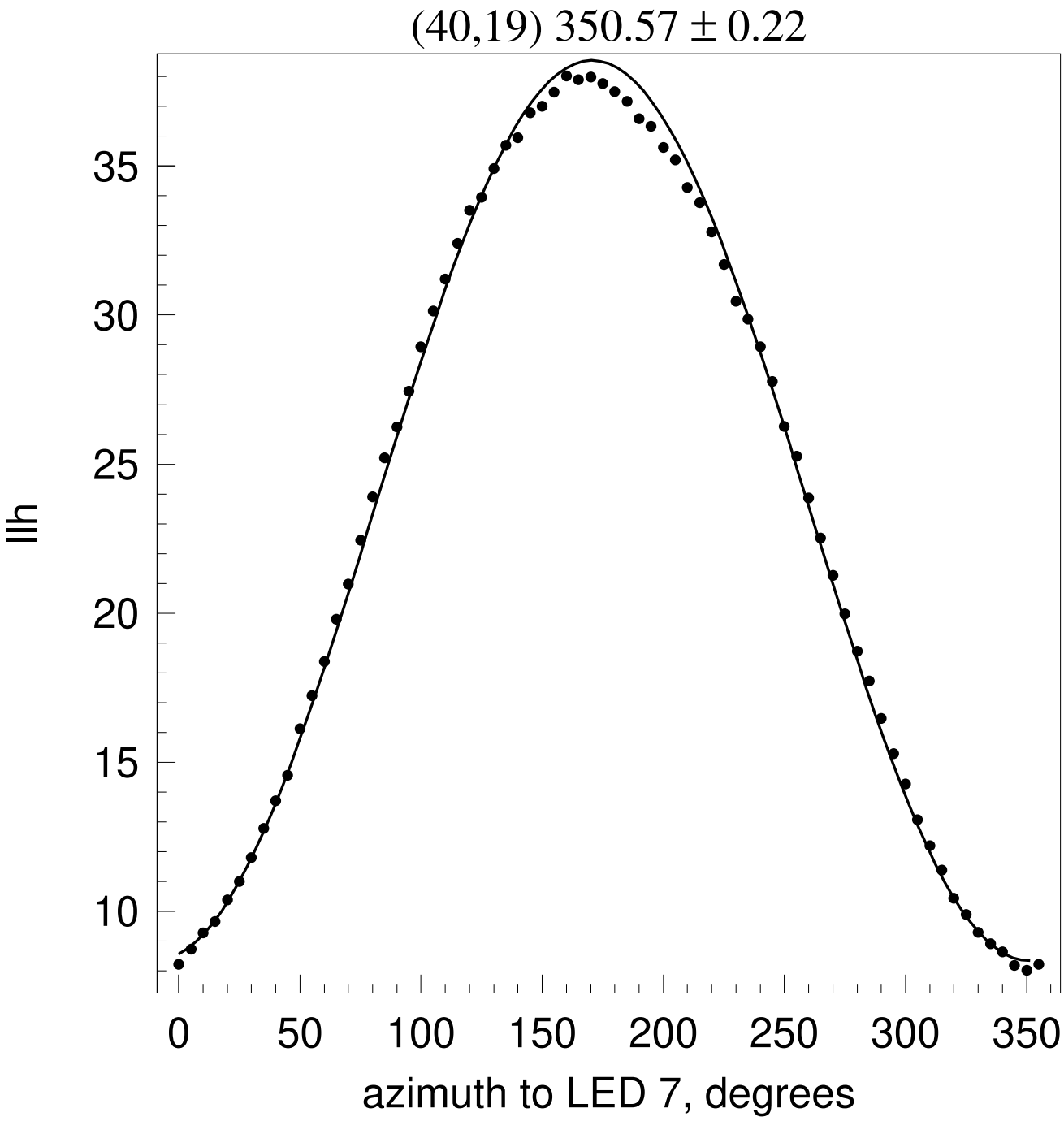

(40,14) 47.29 ± 0.38
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

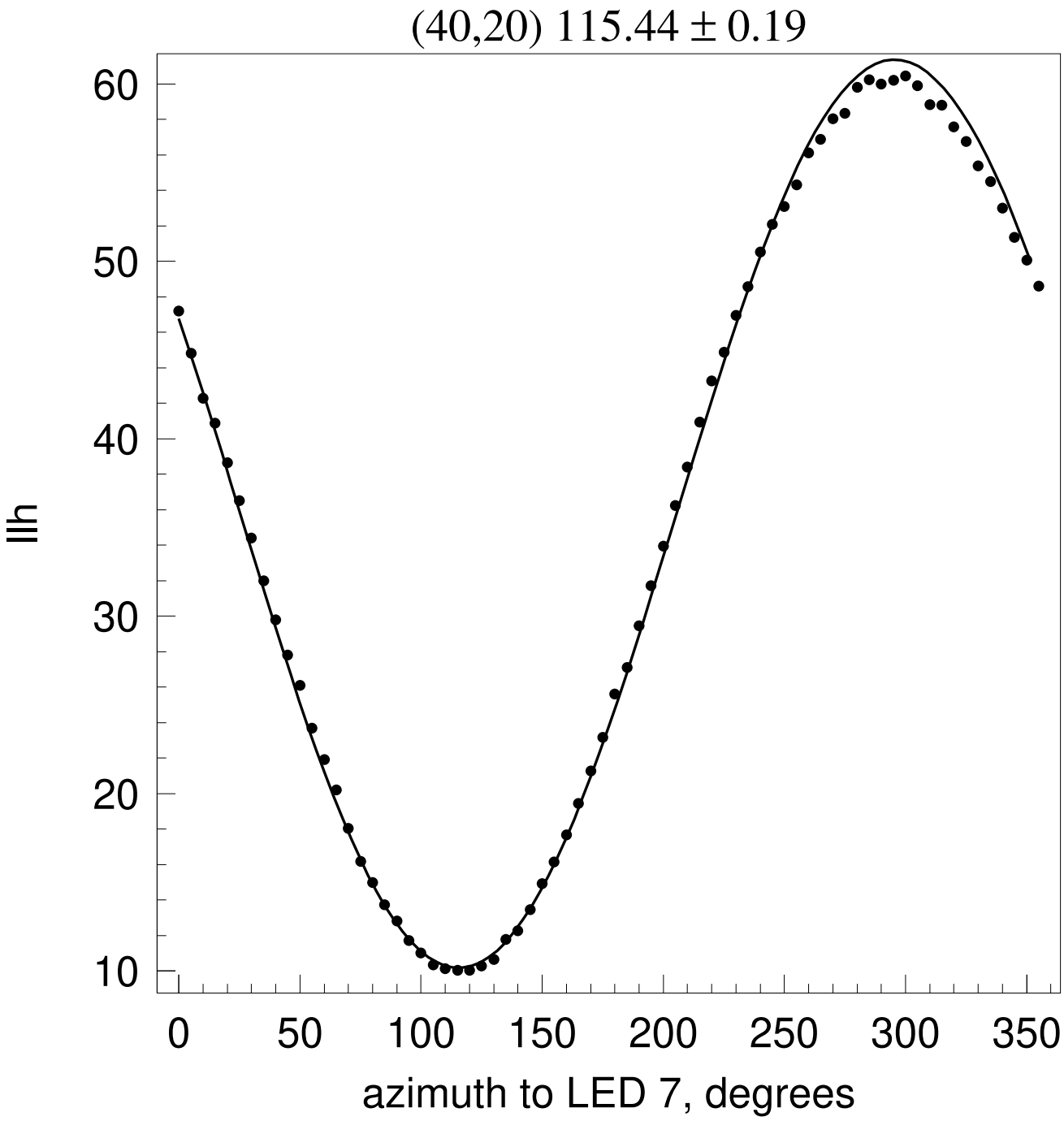

(40,15) 65.20 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

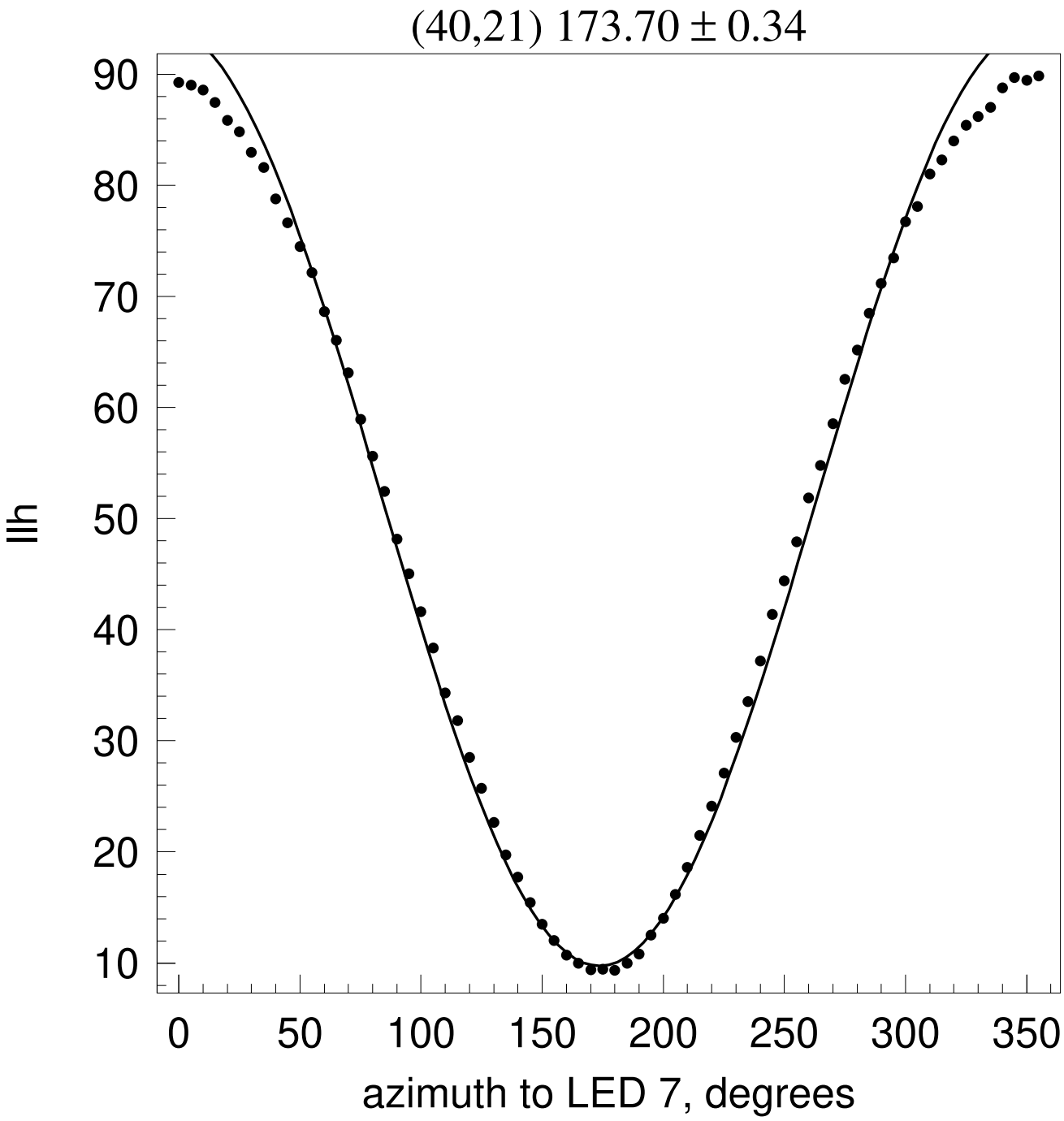

(40,16) 57.16 ± 0.30
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

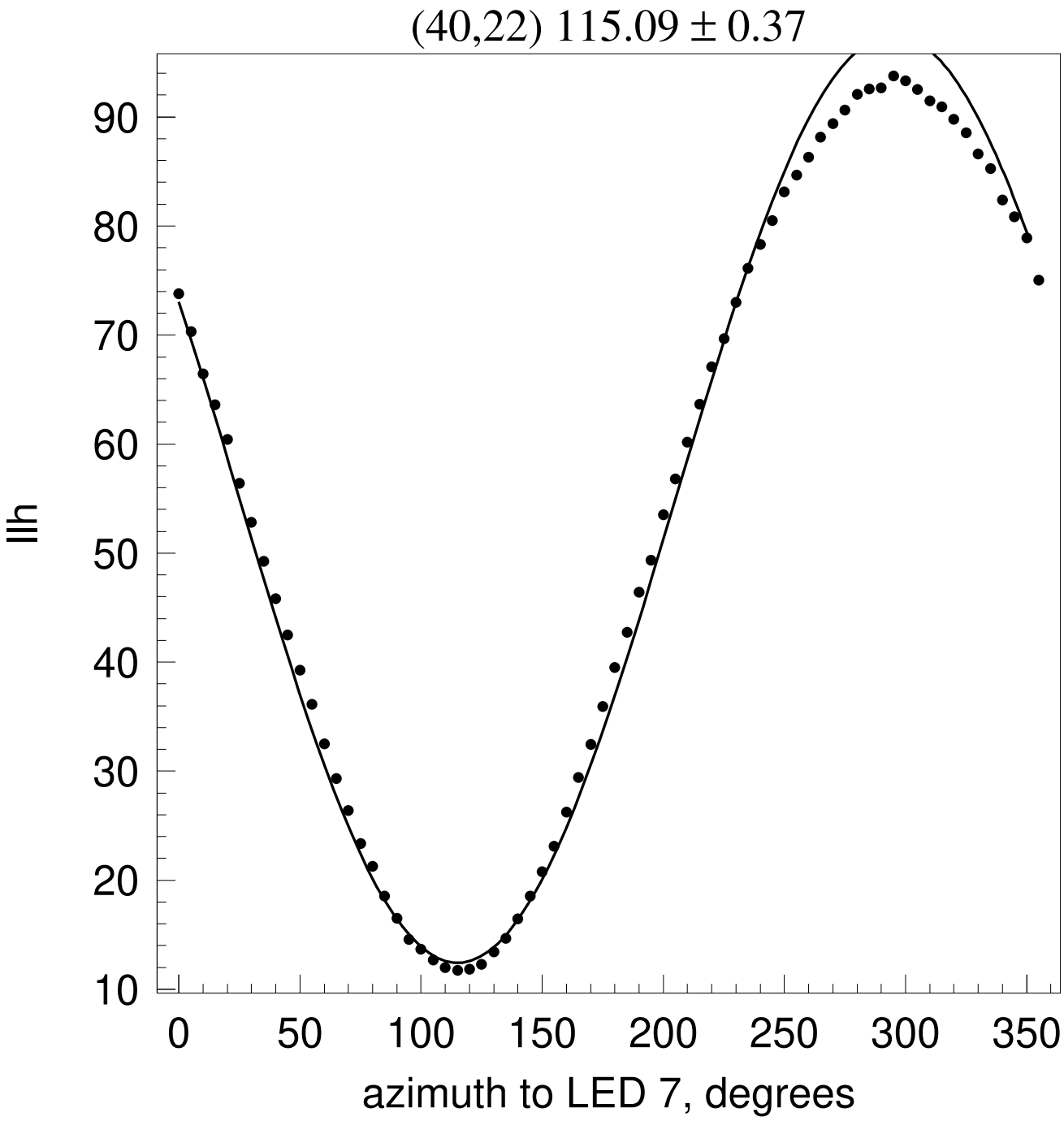

(40,17) 45.00 ± 0.28
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

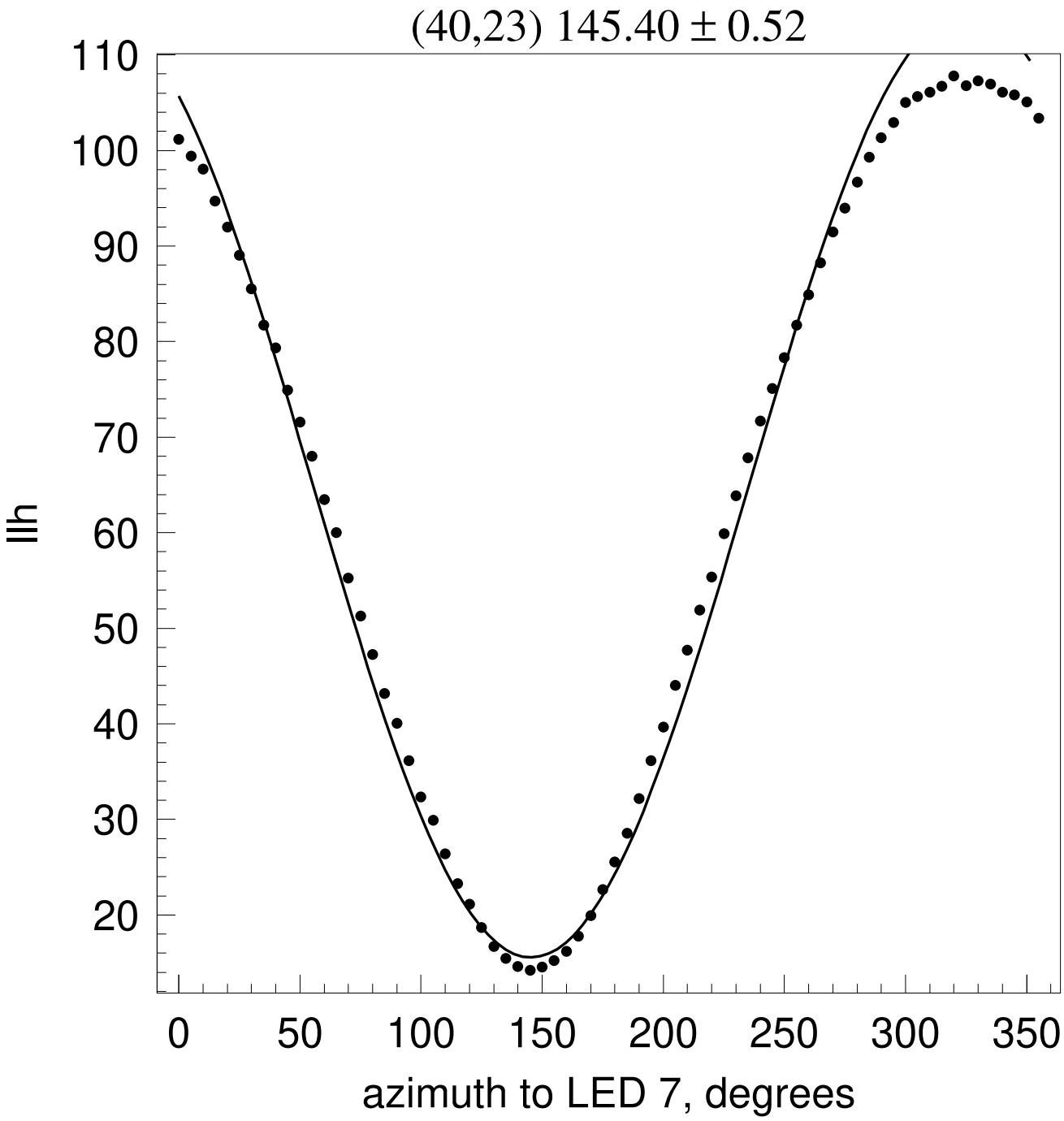

(40,18) 227.09 ± 0.17
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

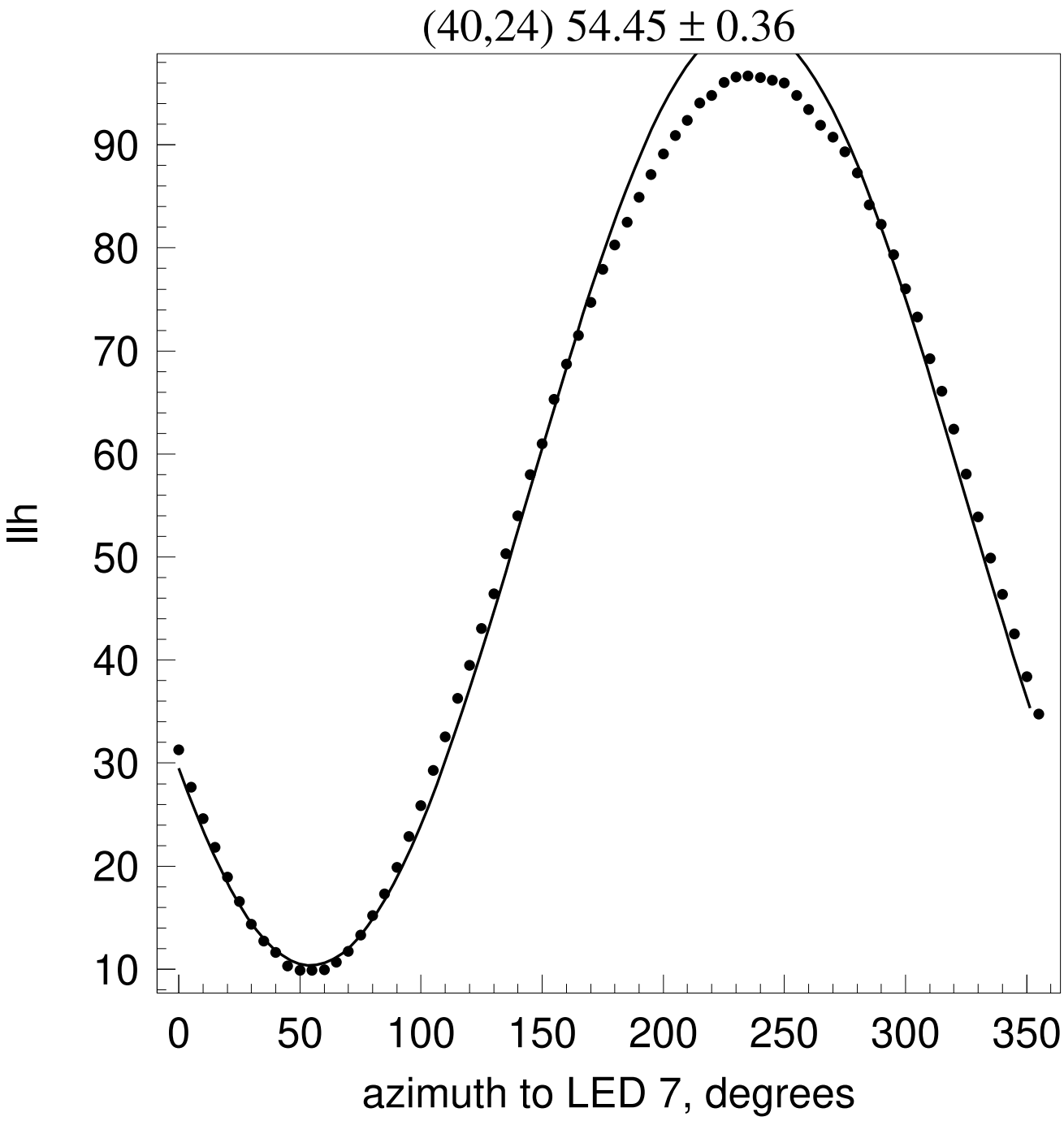

(40,19) 350.57 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

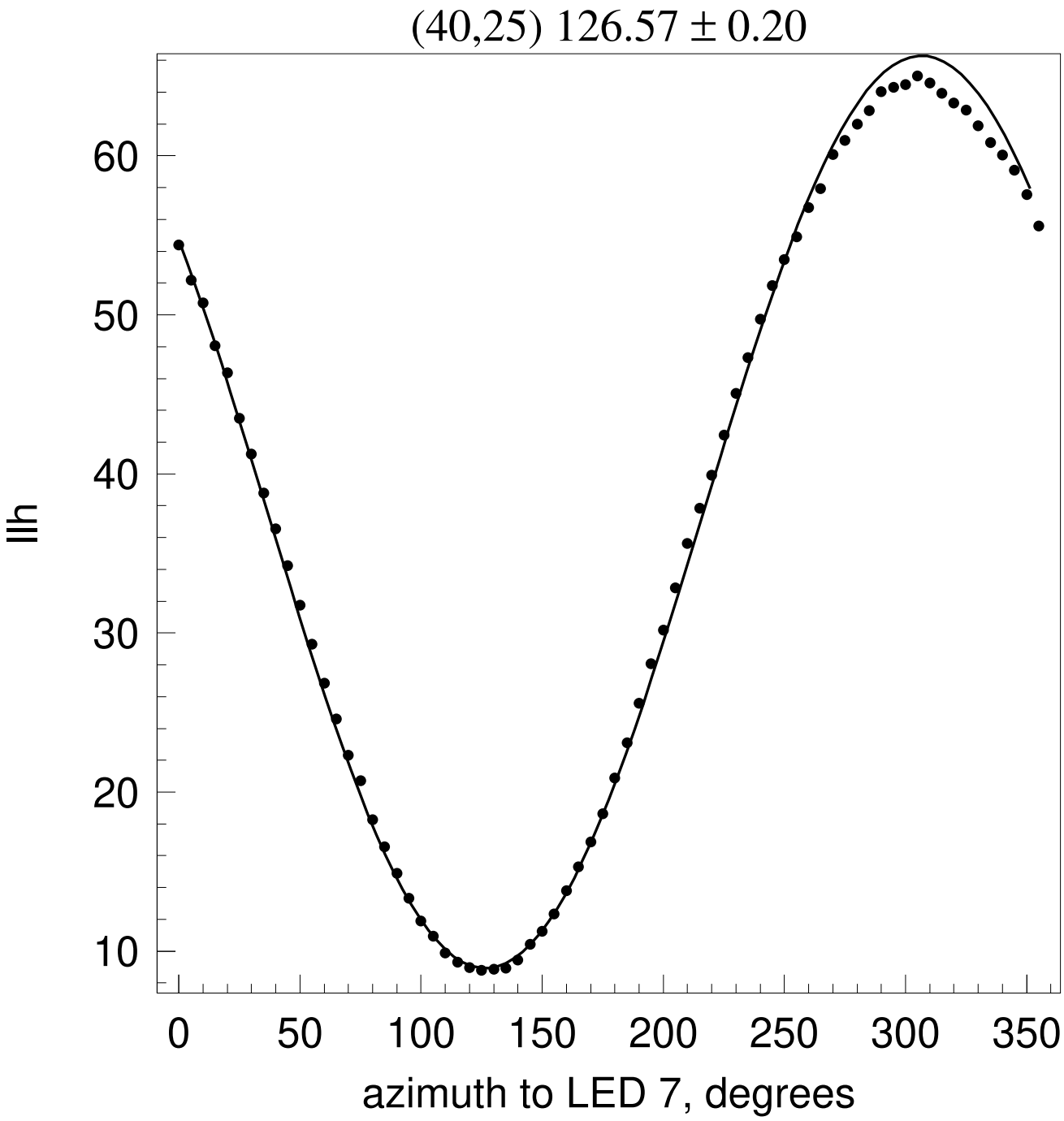

(40,20) 115.44 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

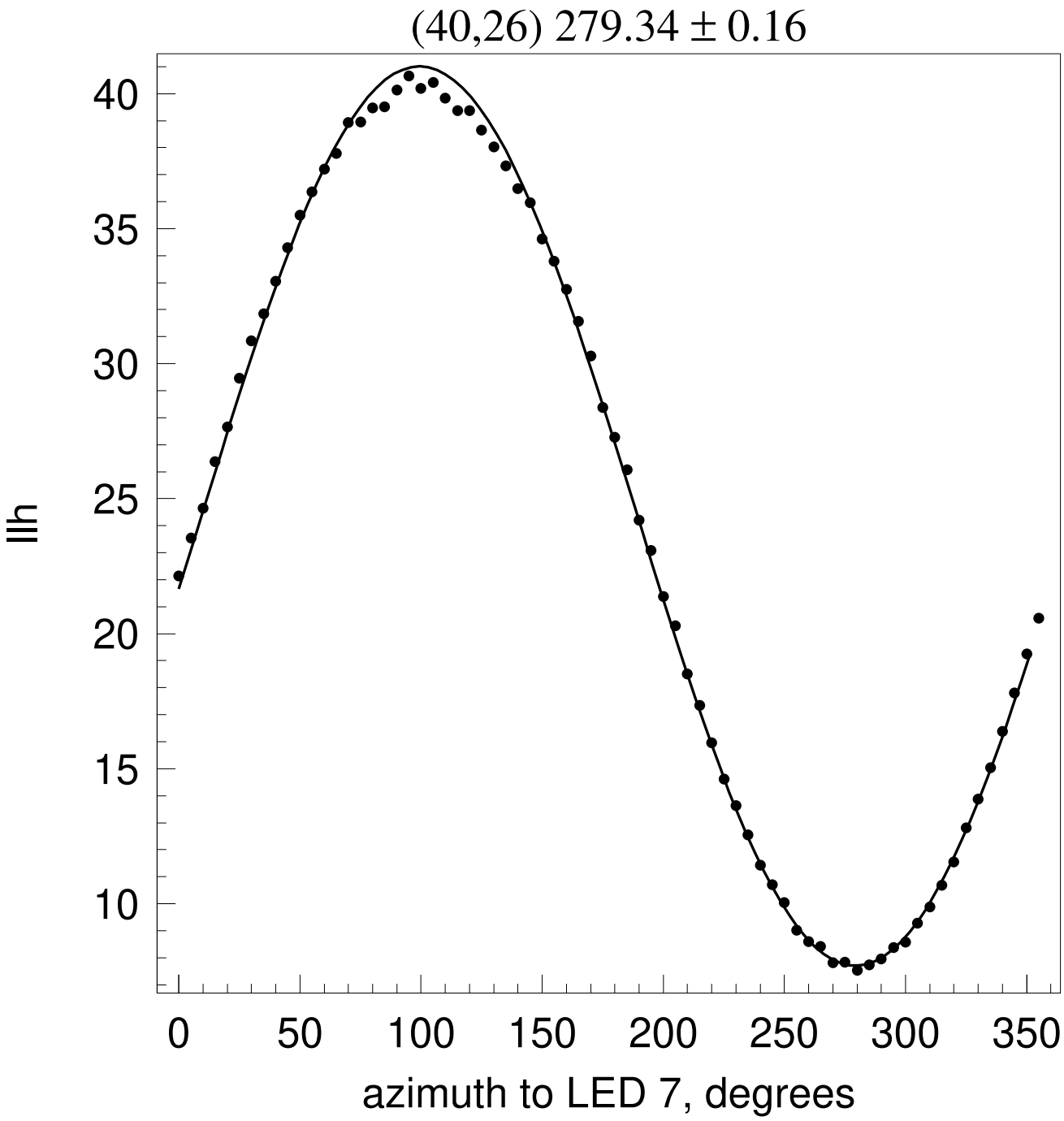

(40,21) 173.70 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

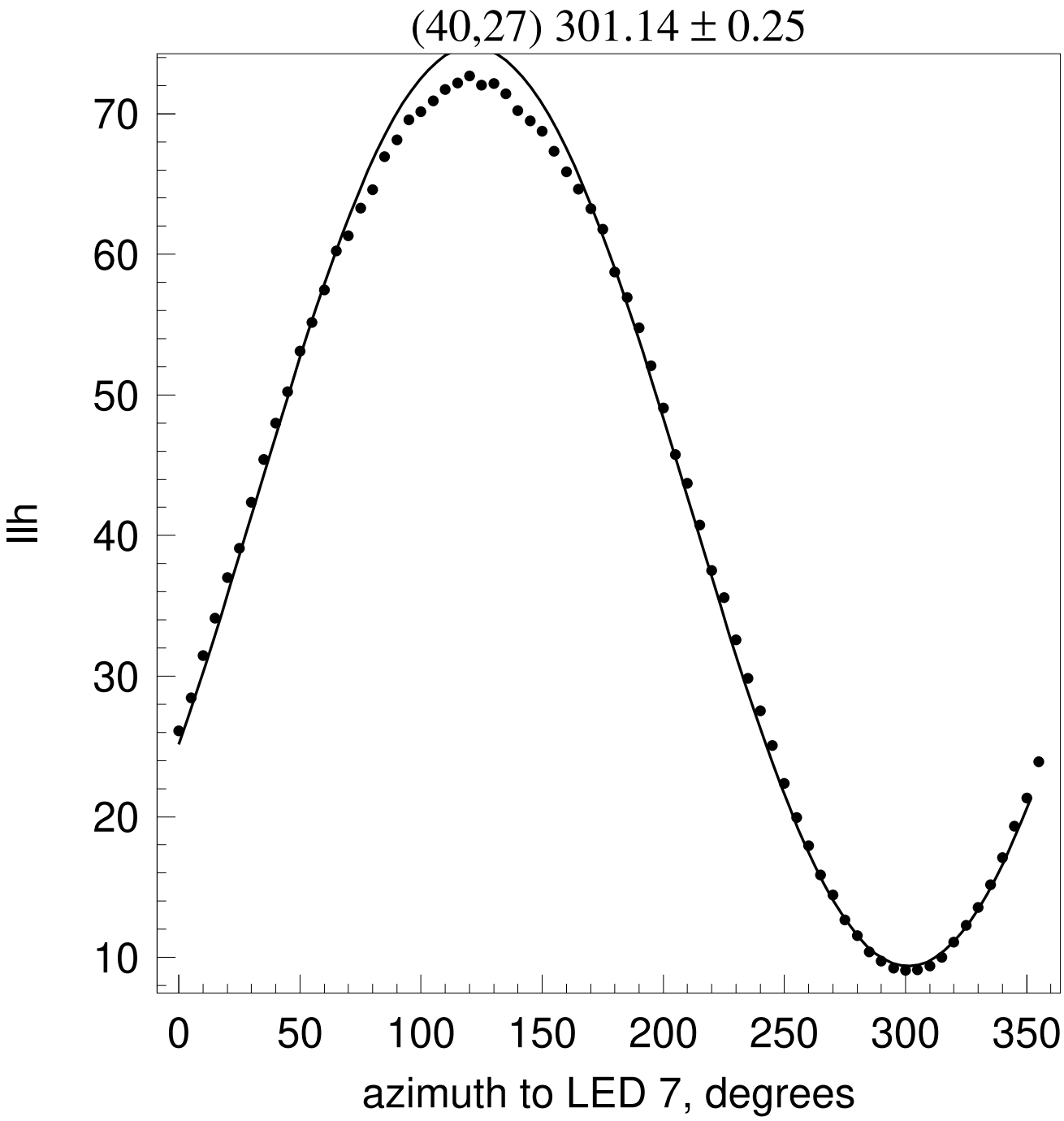

(40,22) 115.09 ± 0.37
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

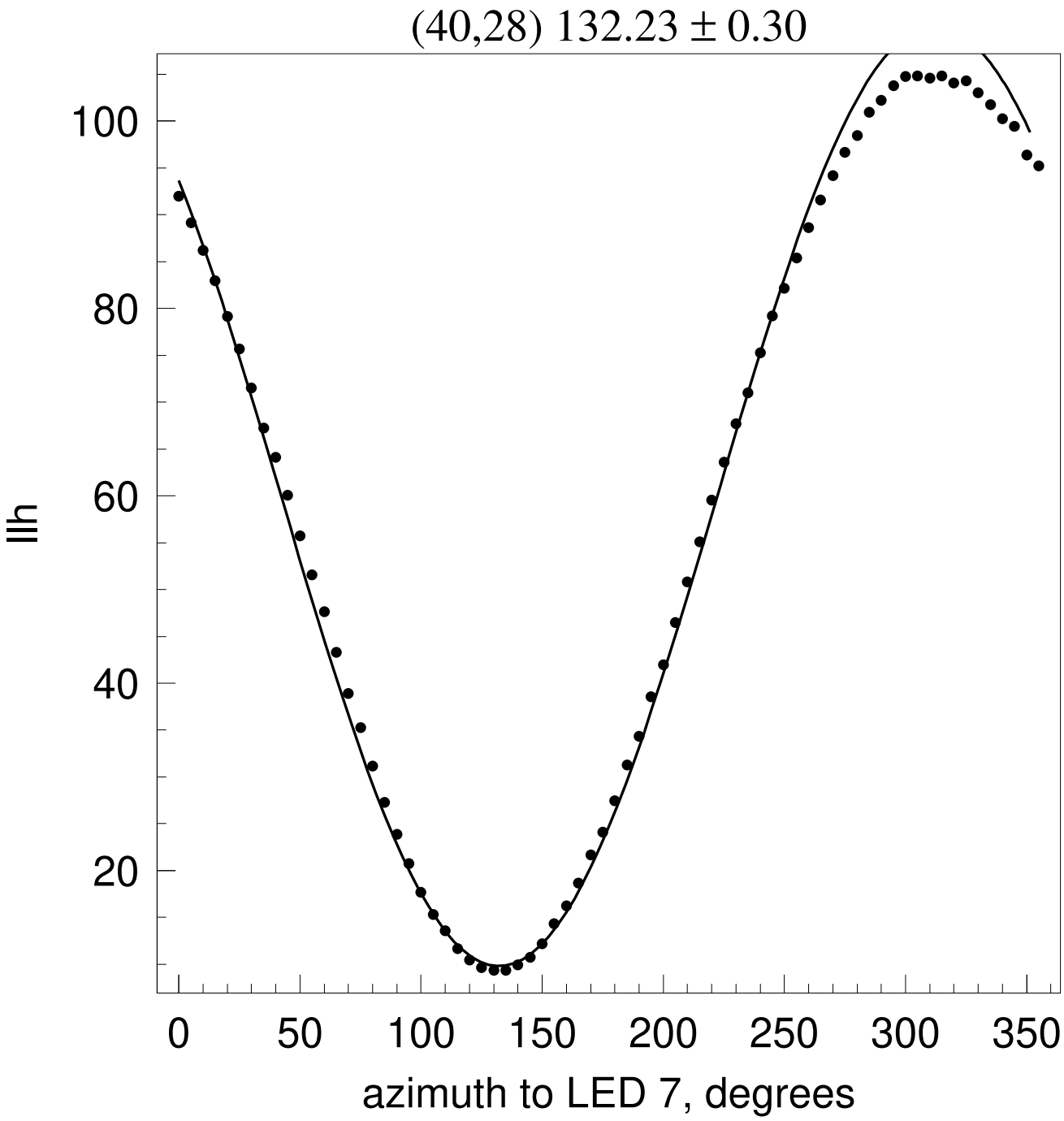

(40,23) 145.40 ± 0.52
110
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

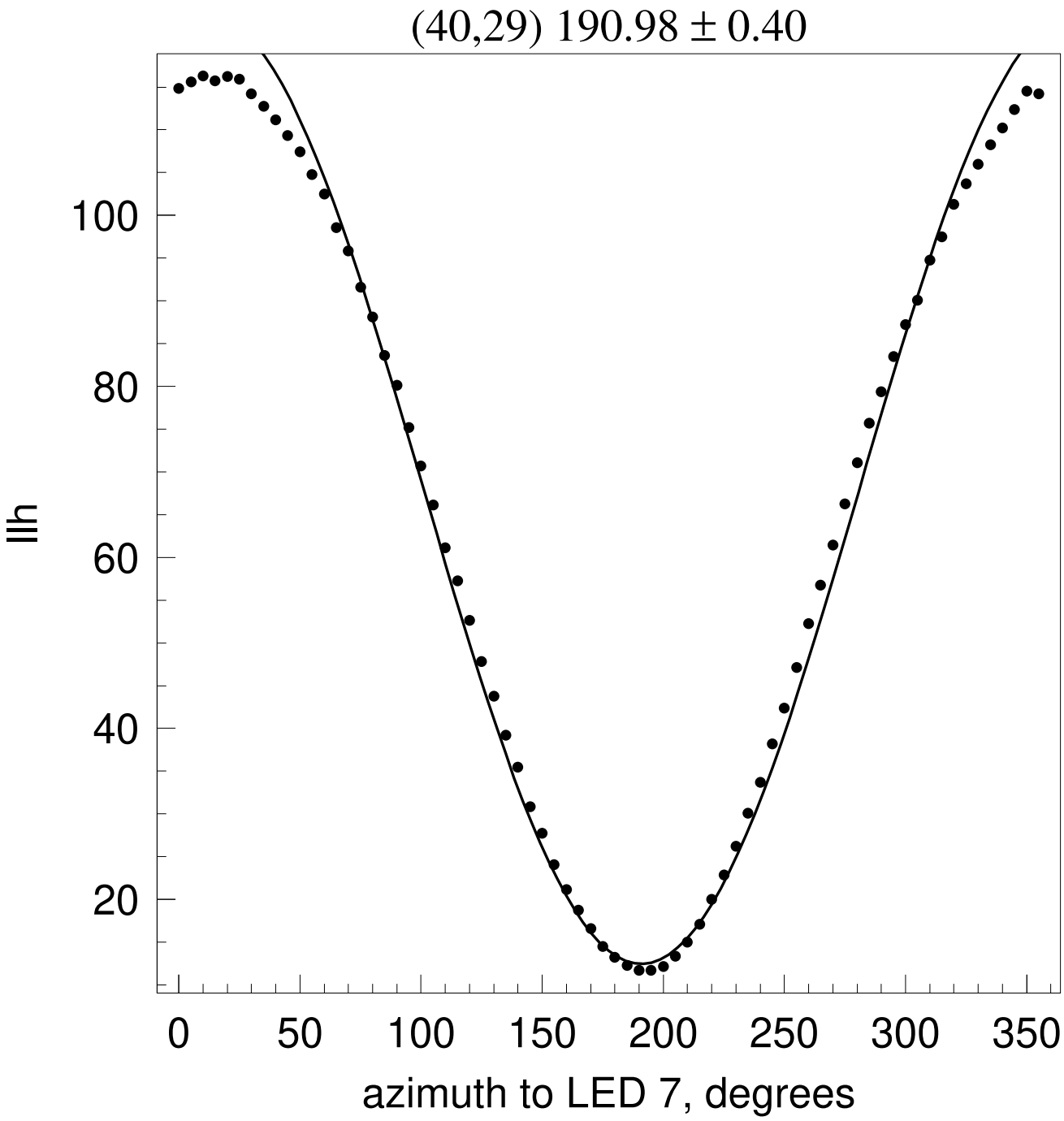

(40,24) 54.45 ± 0.36
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

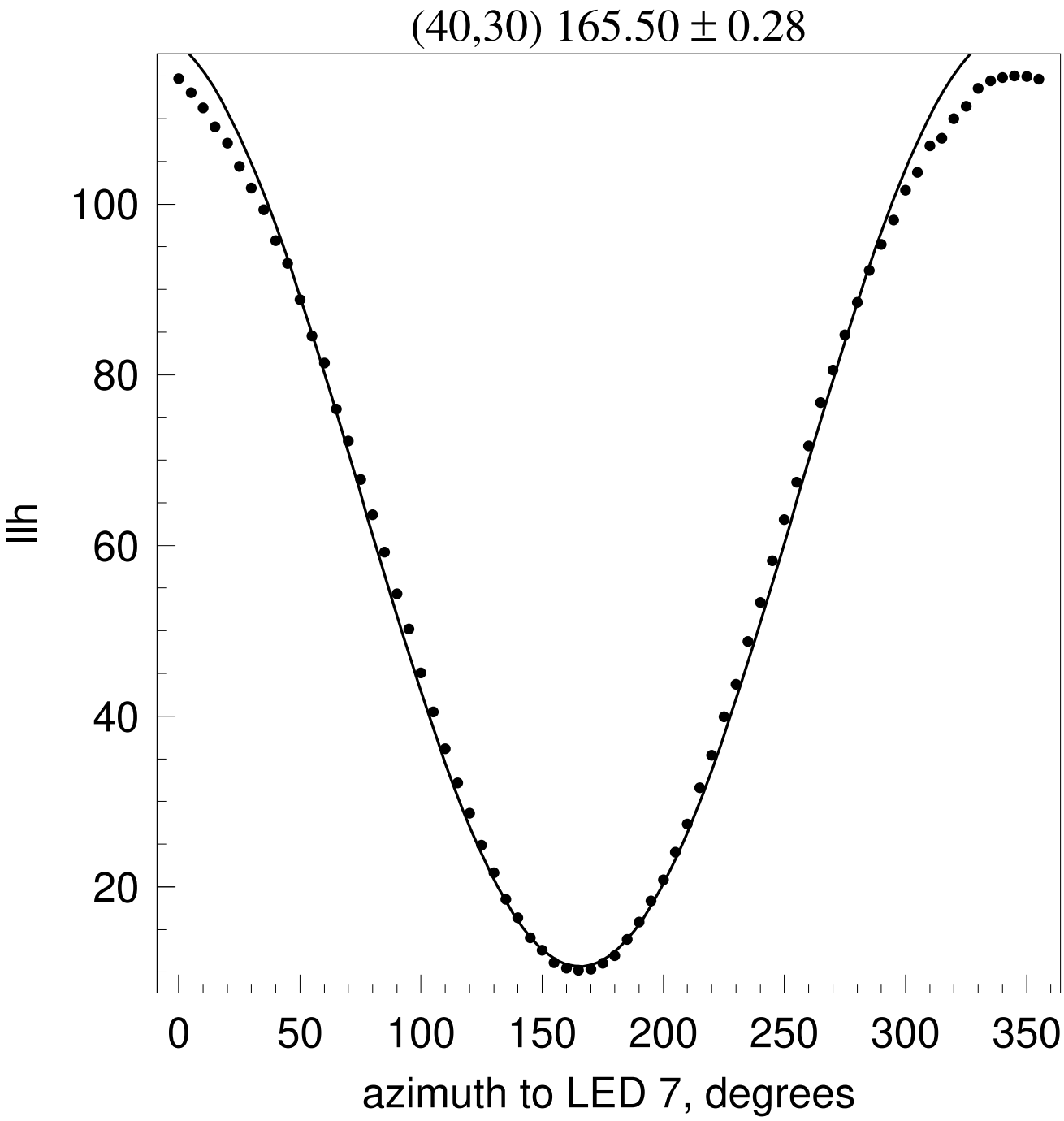

(40,25) 126.57 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

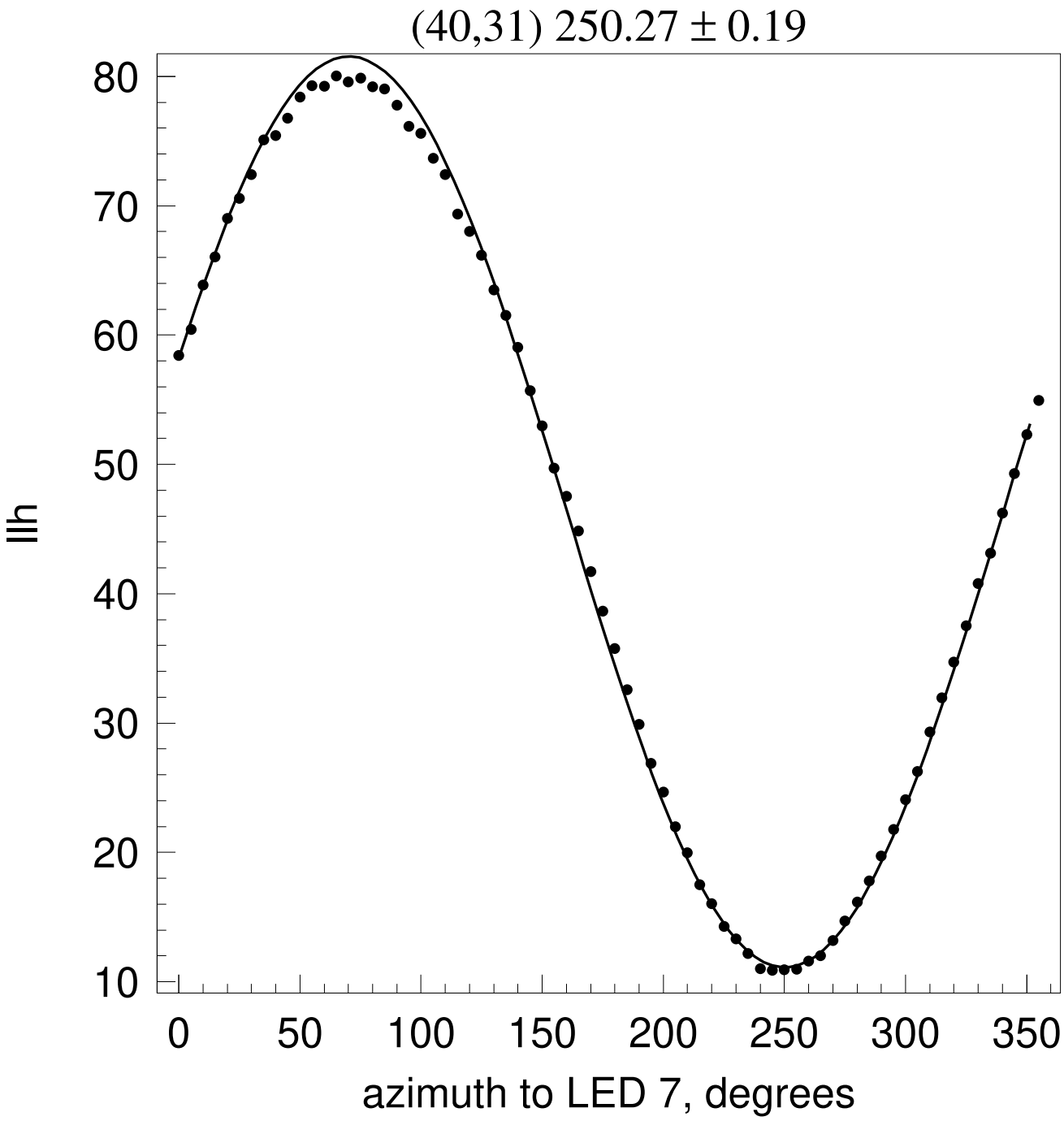

(40,26) 279.34 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

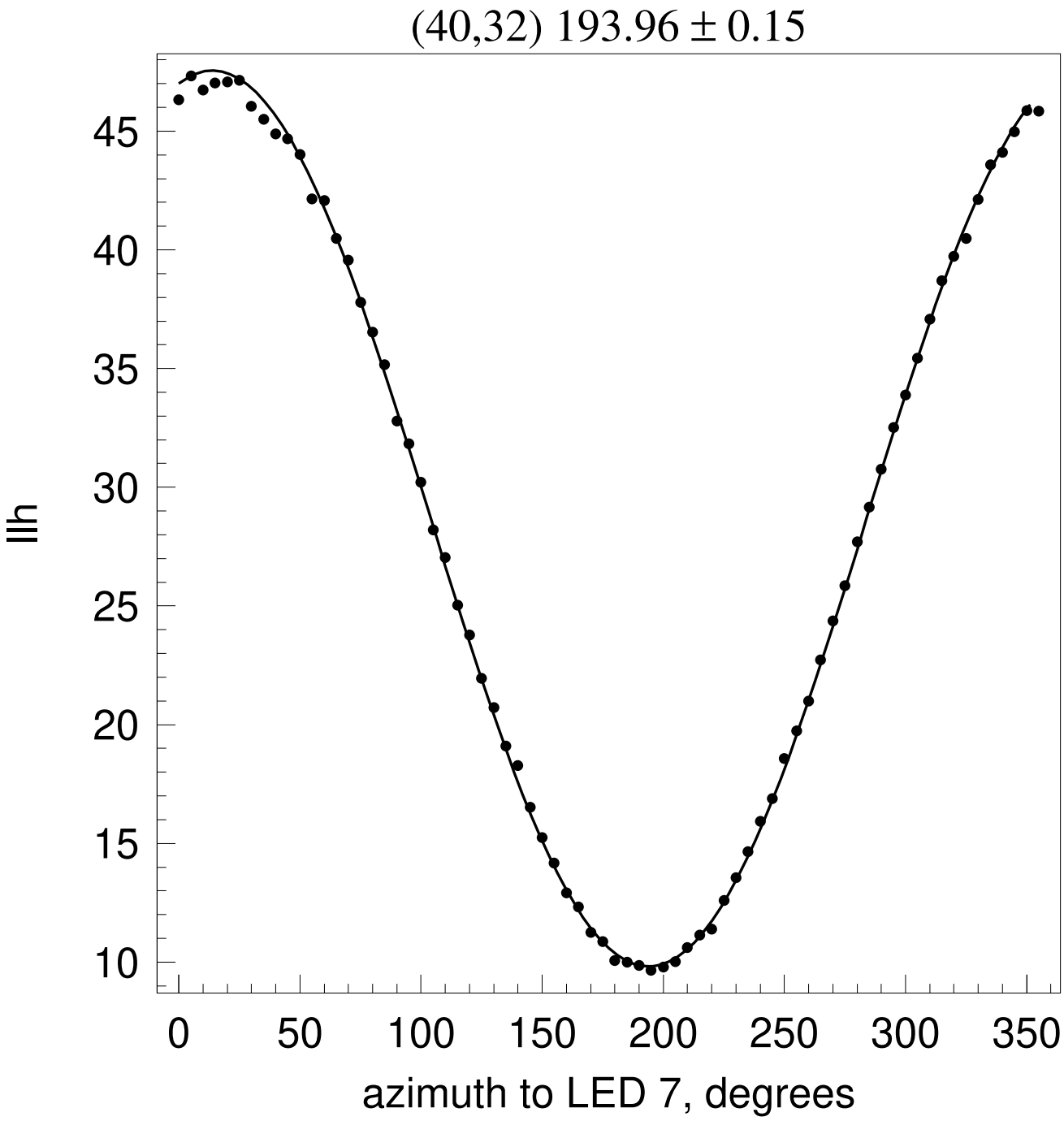

(40,27) 301.14 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

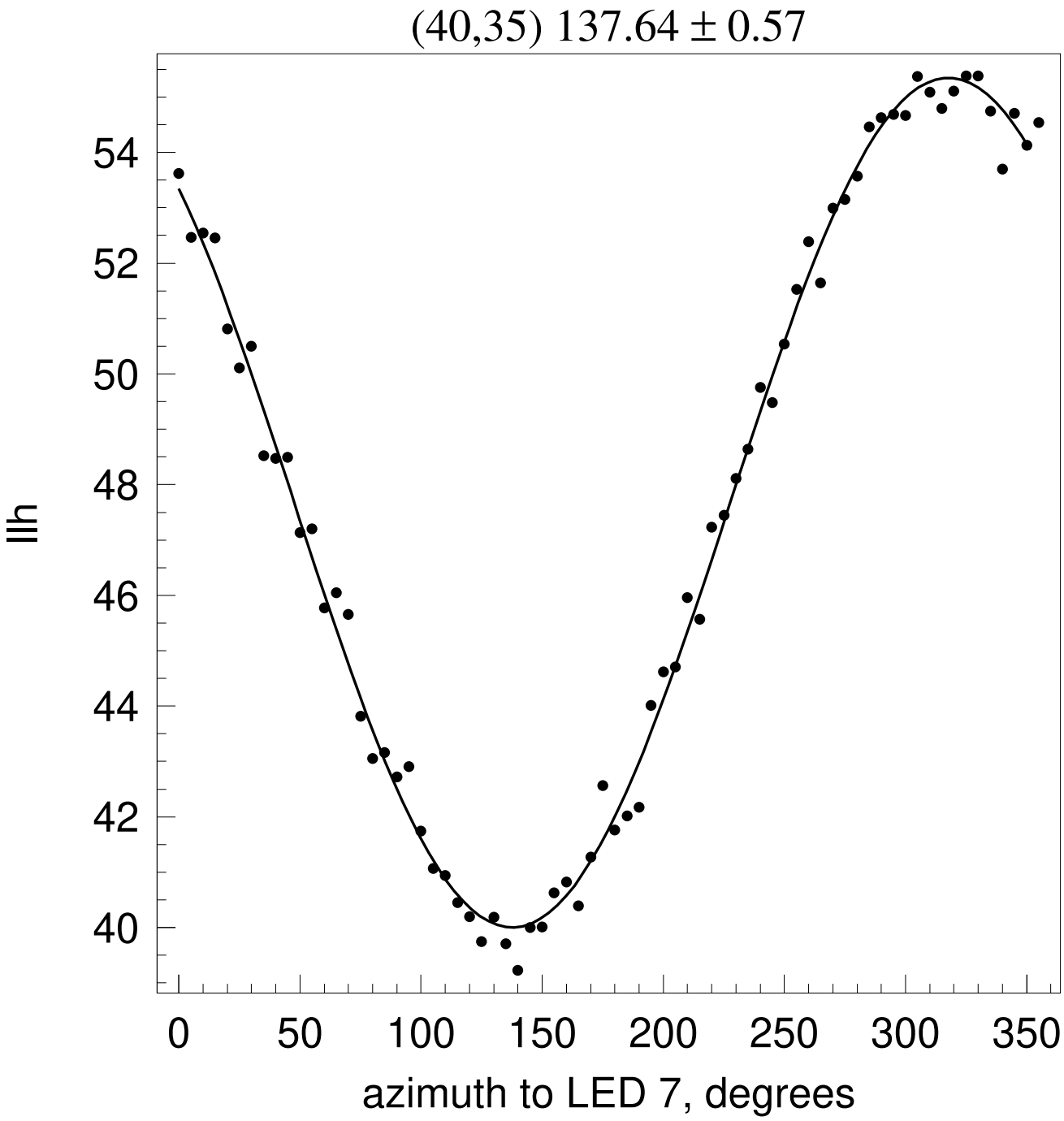

(40,28) 132.23 ± 0.30
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

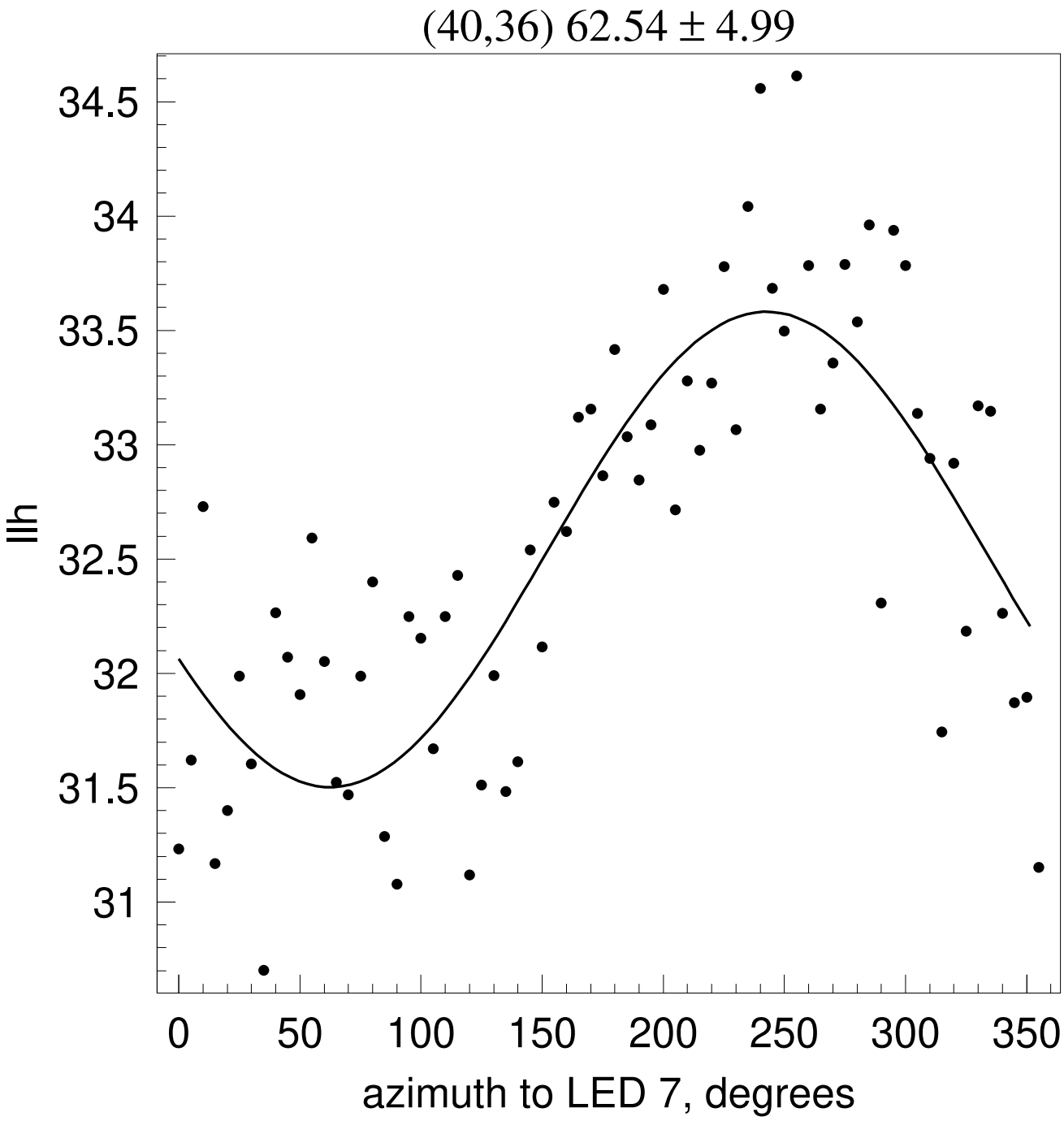

(40,29) 190.98 ± 0.40
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

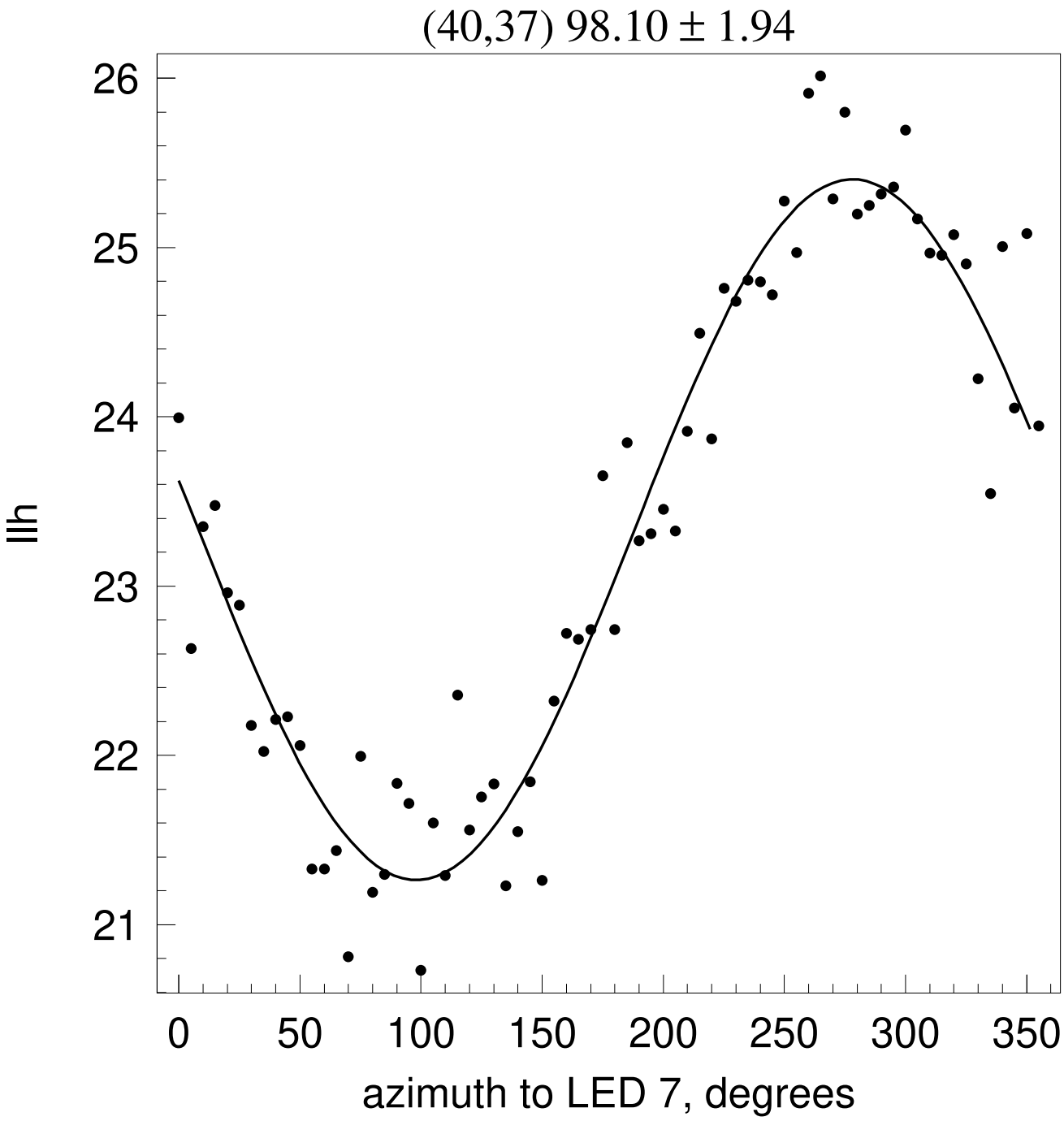

(40,30) 165.50 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

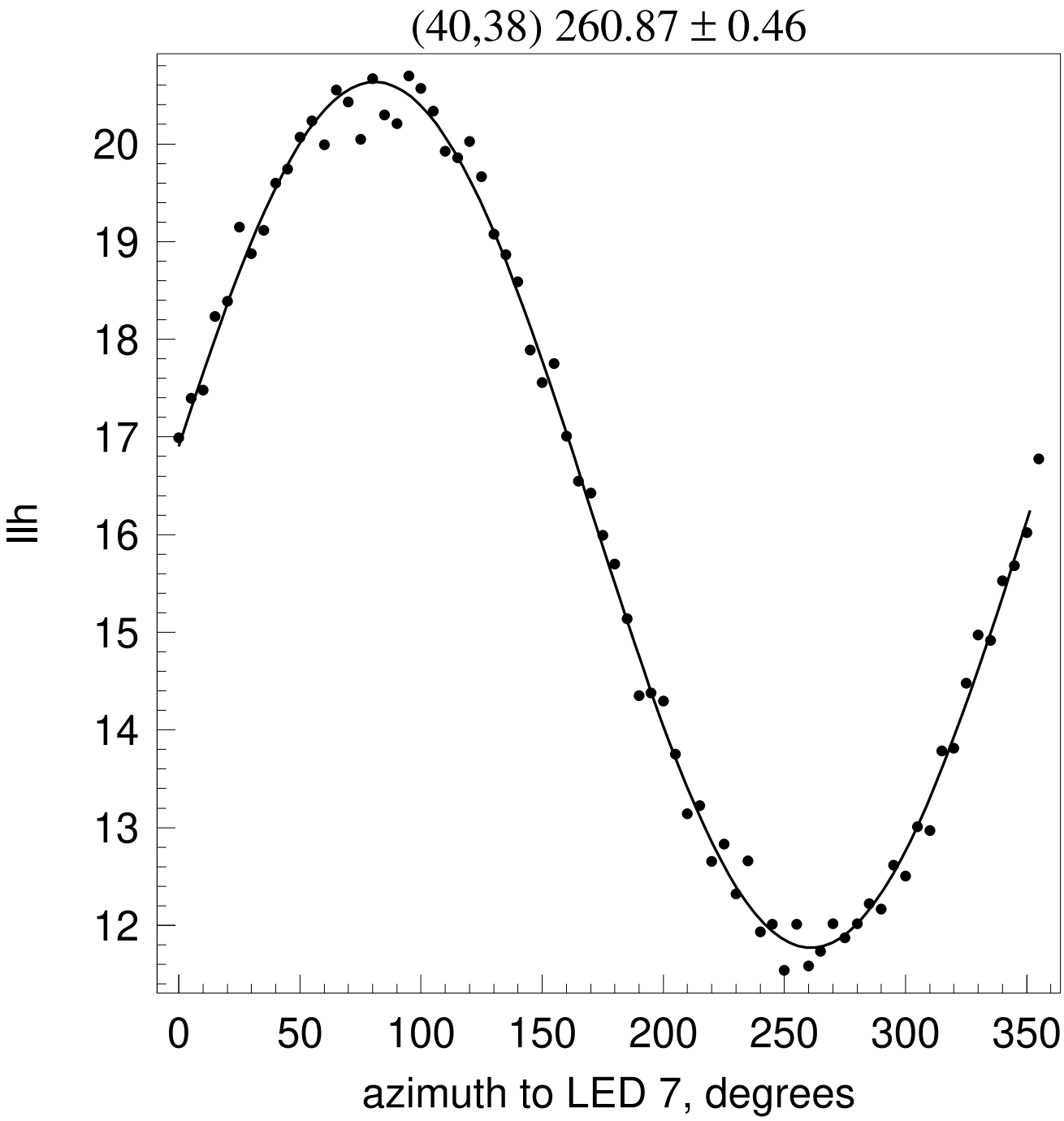

(40,31) 250.27 ± 0.19
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

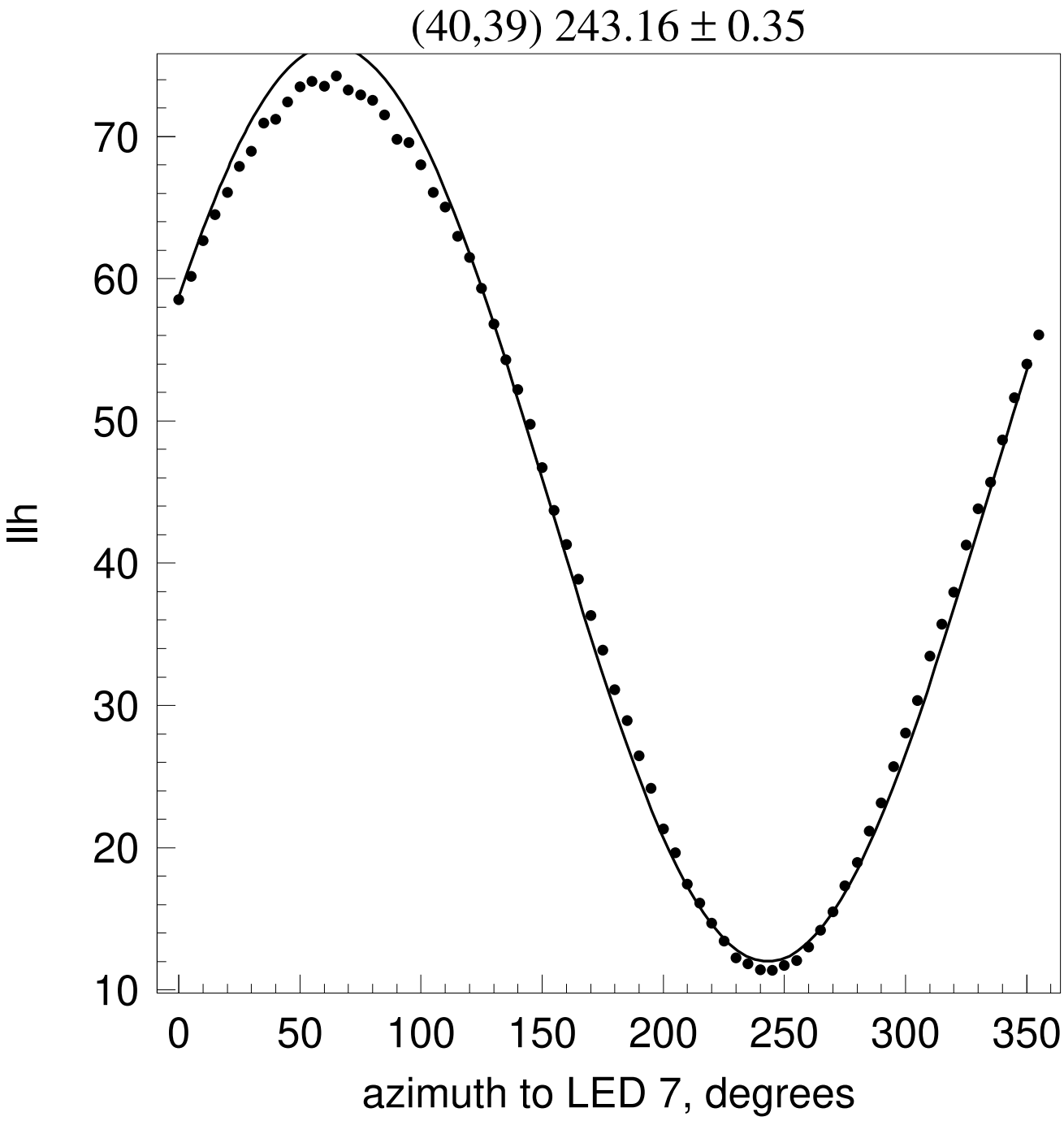

(40,32) 193.96 ± 0.15
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

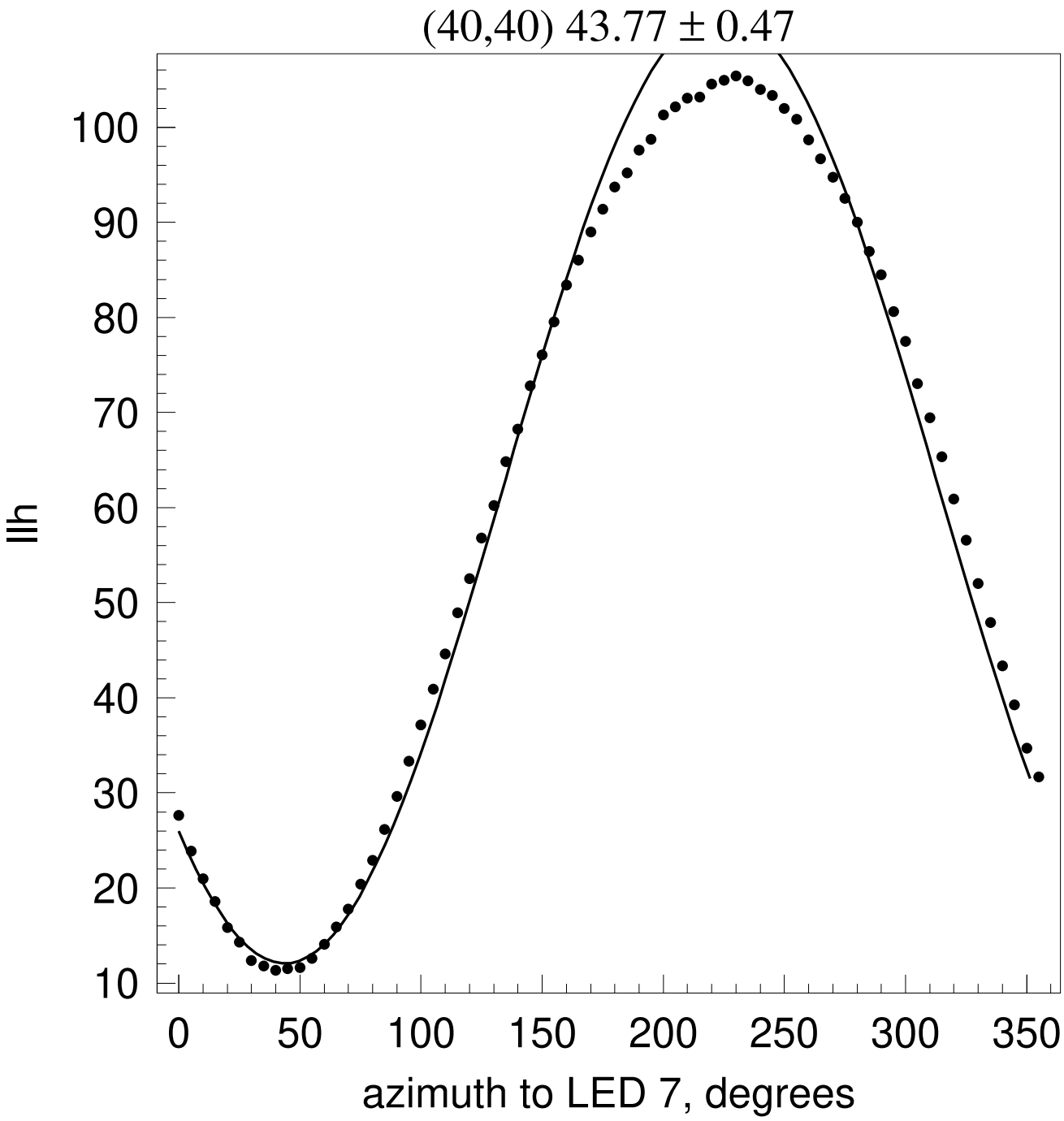

(40,35) 137.64 ± 0.57
54
52
50
48
46
44
42
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

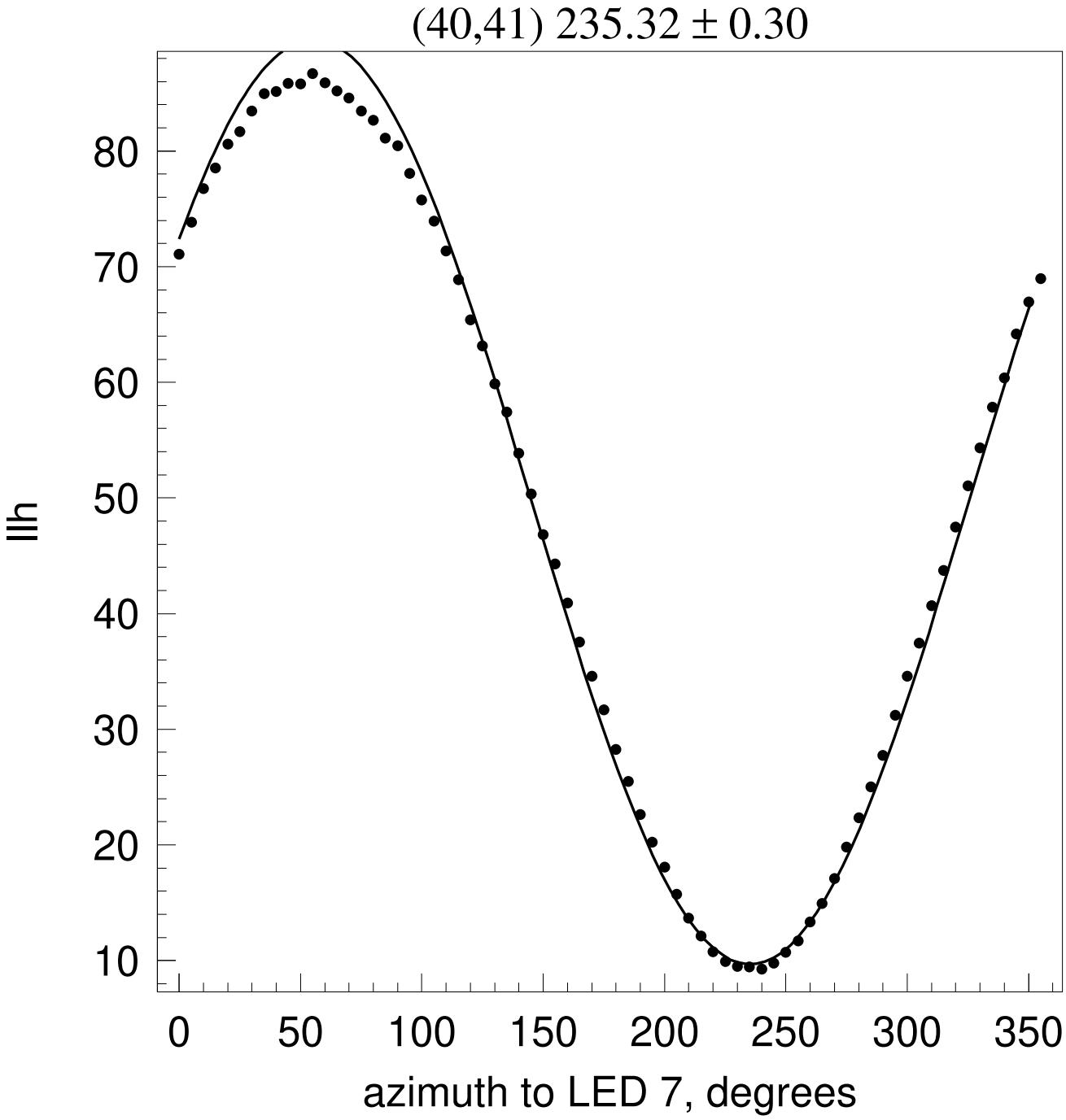

(40,36) 62.54 ± 4.99
34.5
34
33.5
33
32.5
32
31.5
31
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

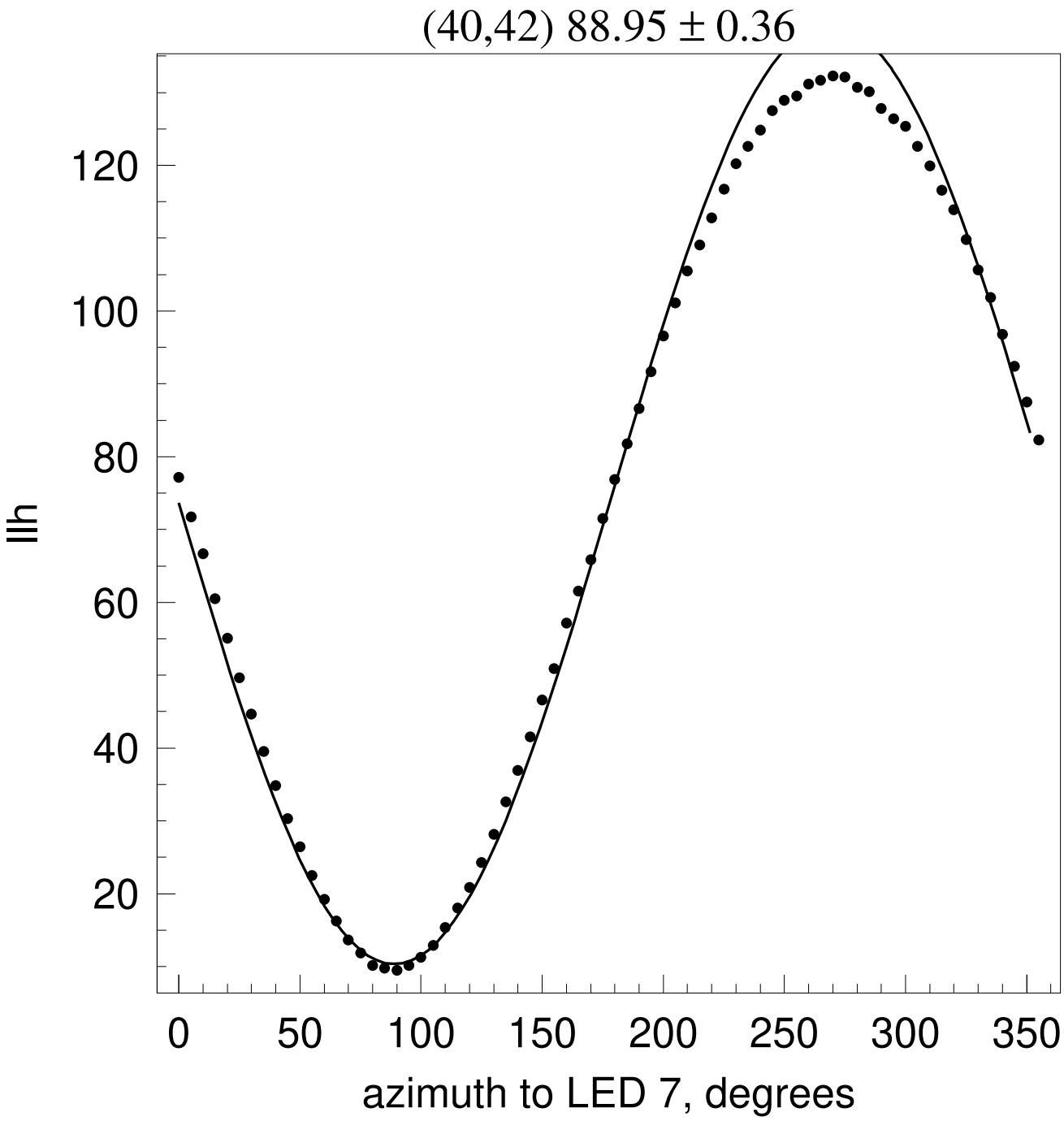

(40,37) 98.10 ± 1.94
26
25
24
23
22
21
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

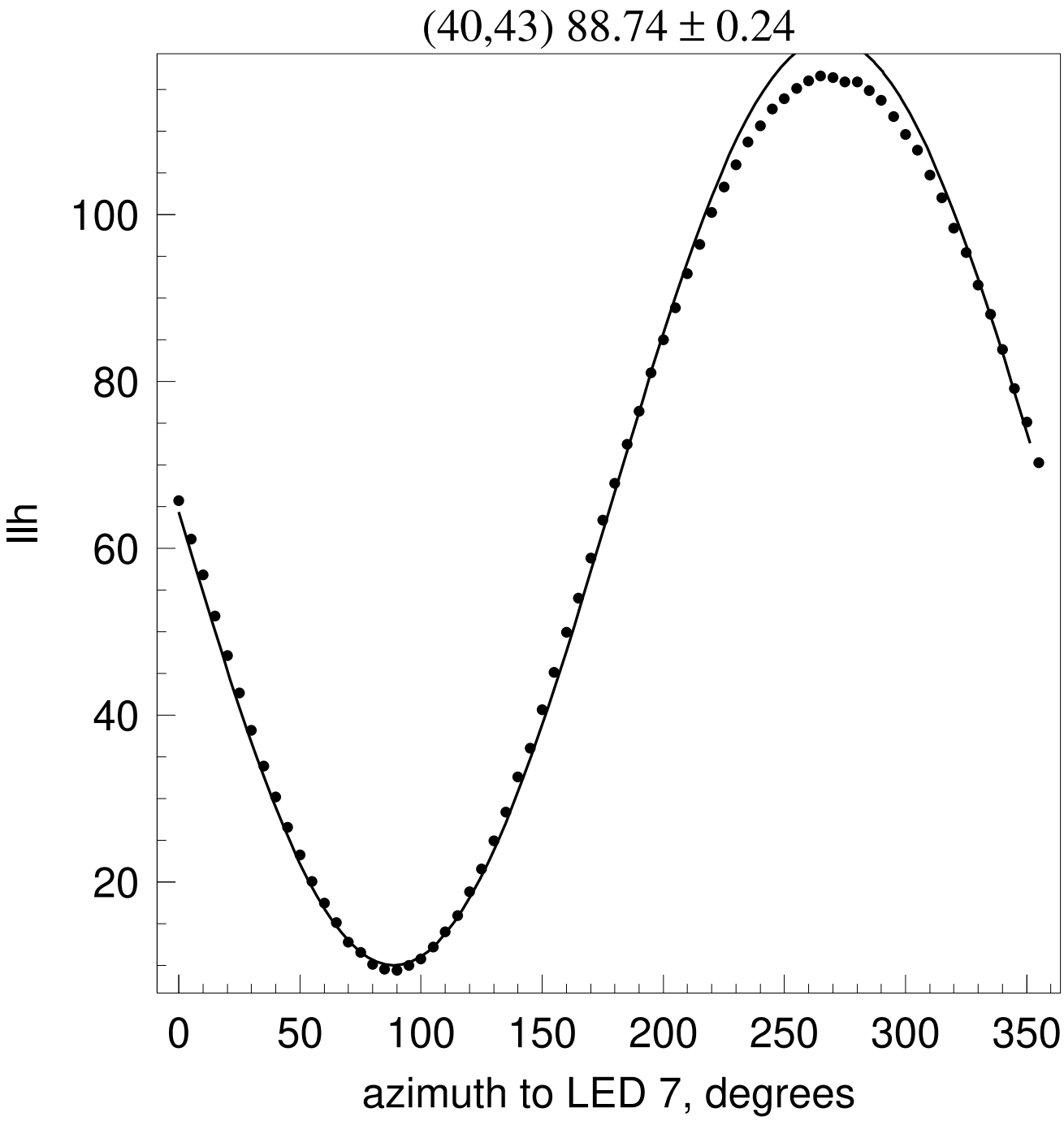

(40,38) 260.87 ± 0.46
20
19
18
17
16
15
14
13
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

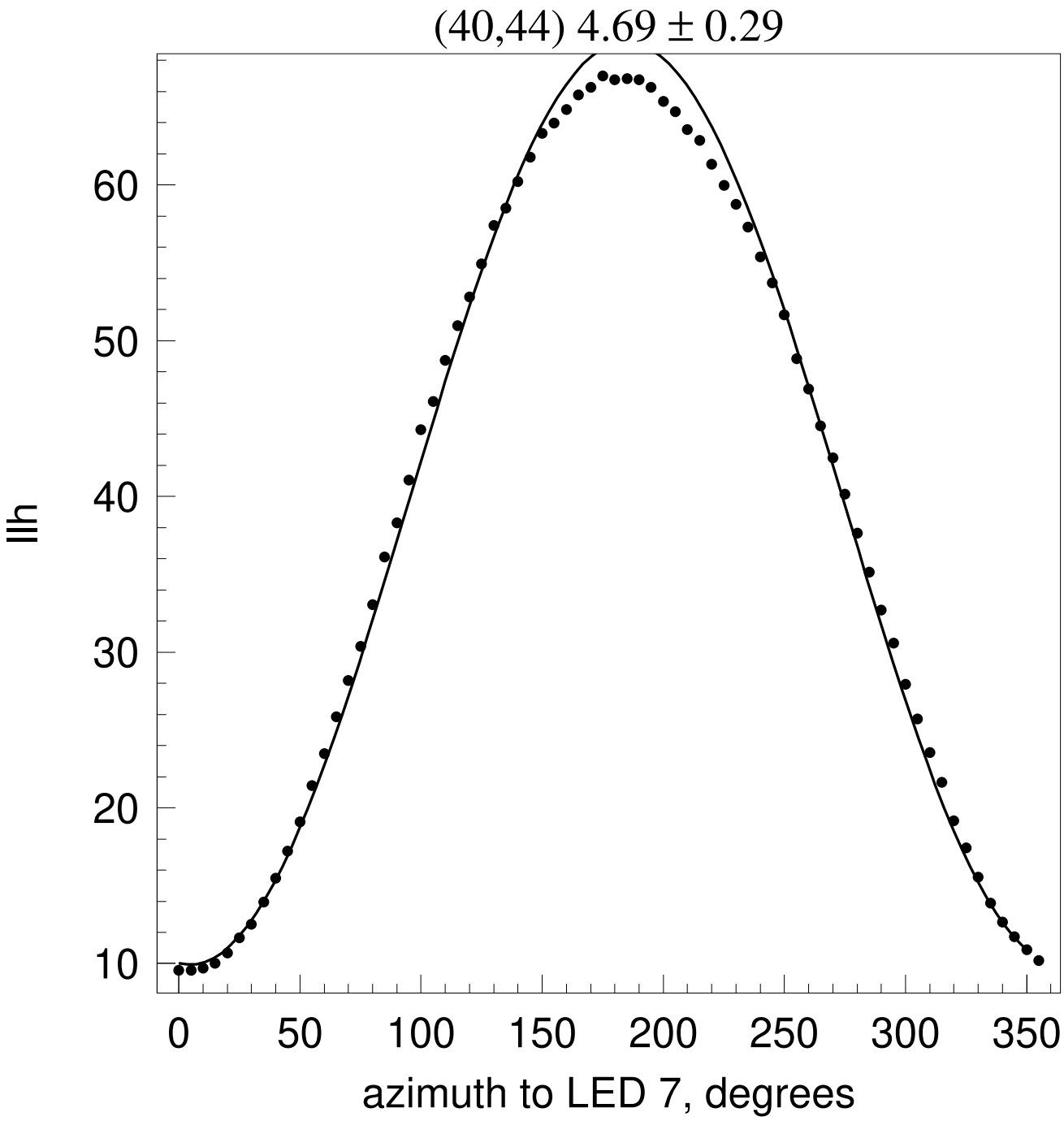

(40,39) 243.16 ± 0.35
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

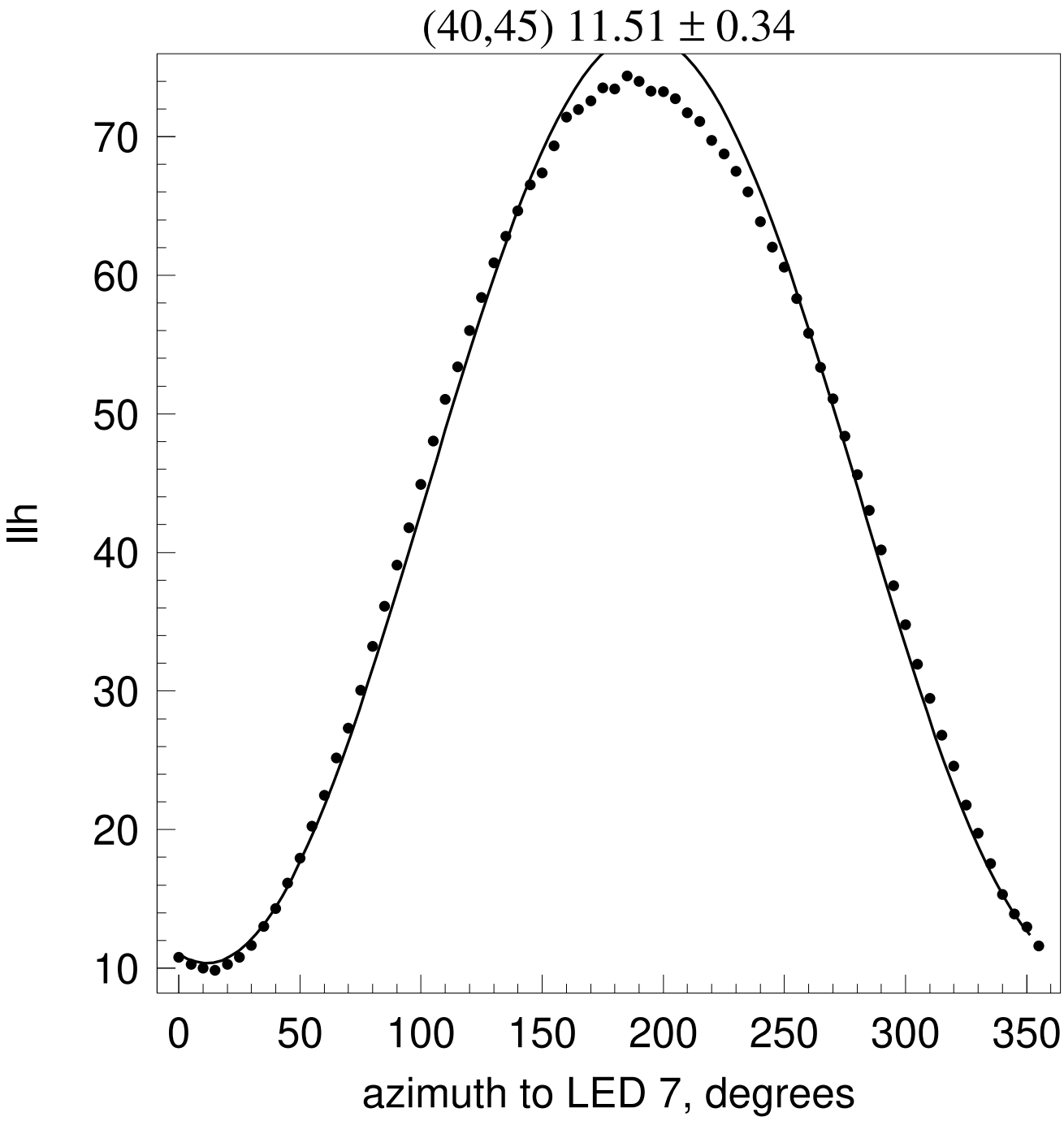

(40,40) 43.77 ± 0.47
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

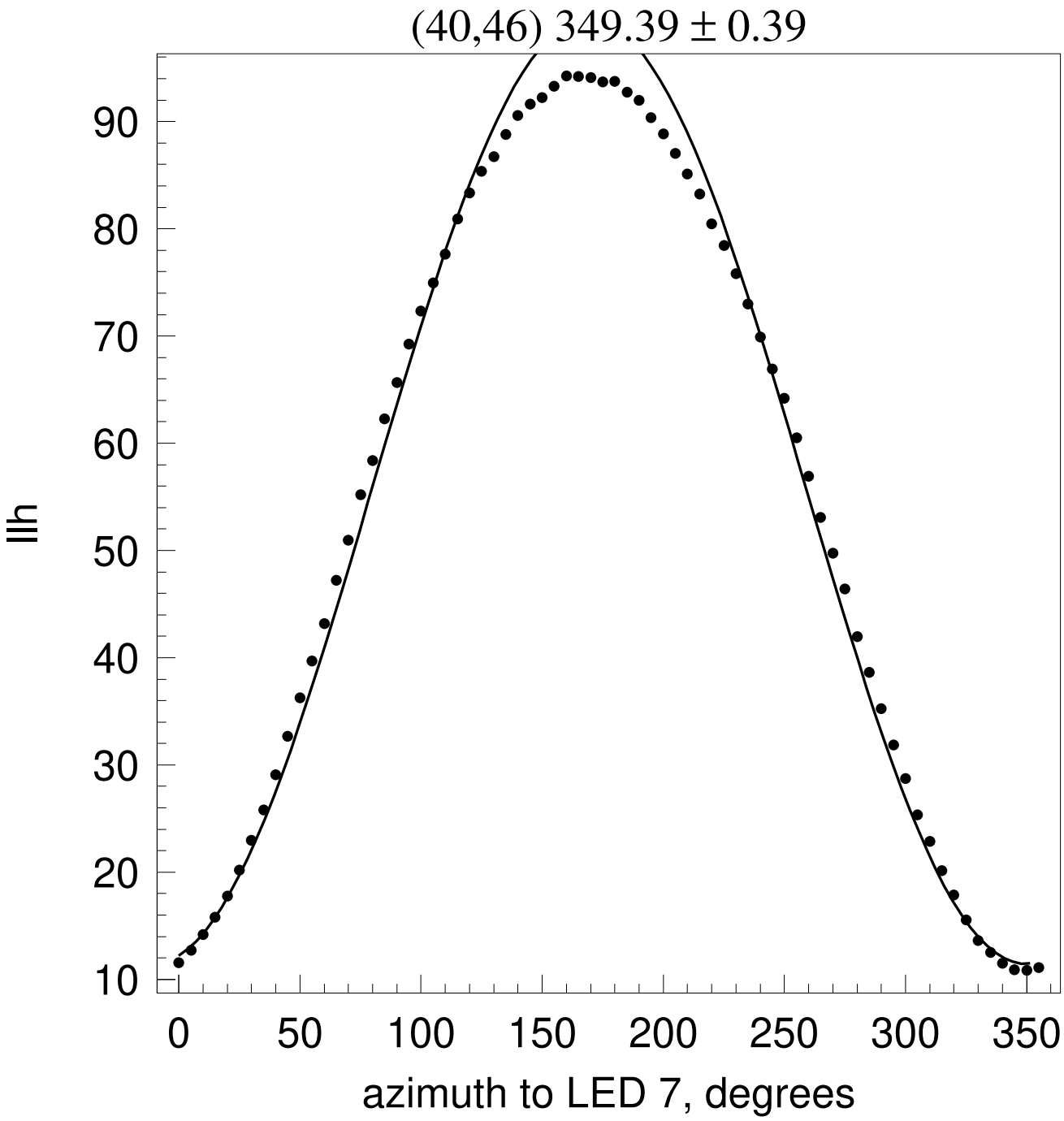

(40,41) 235.32 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

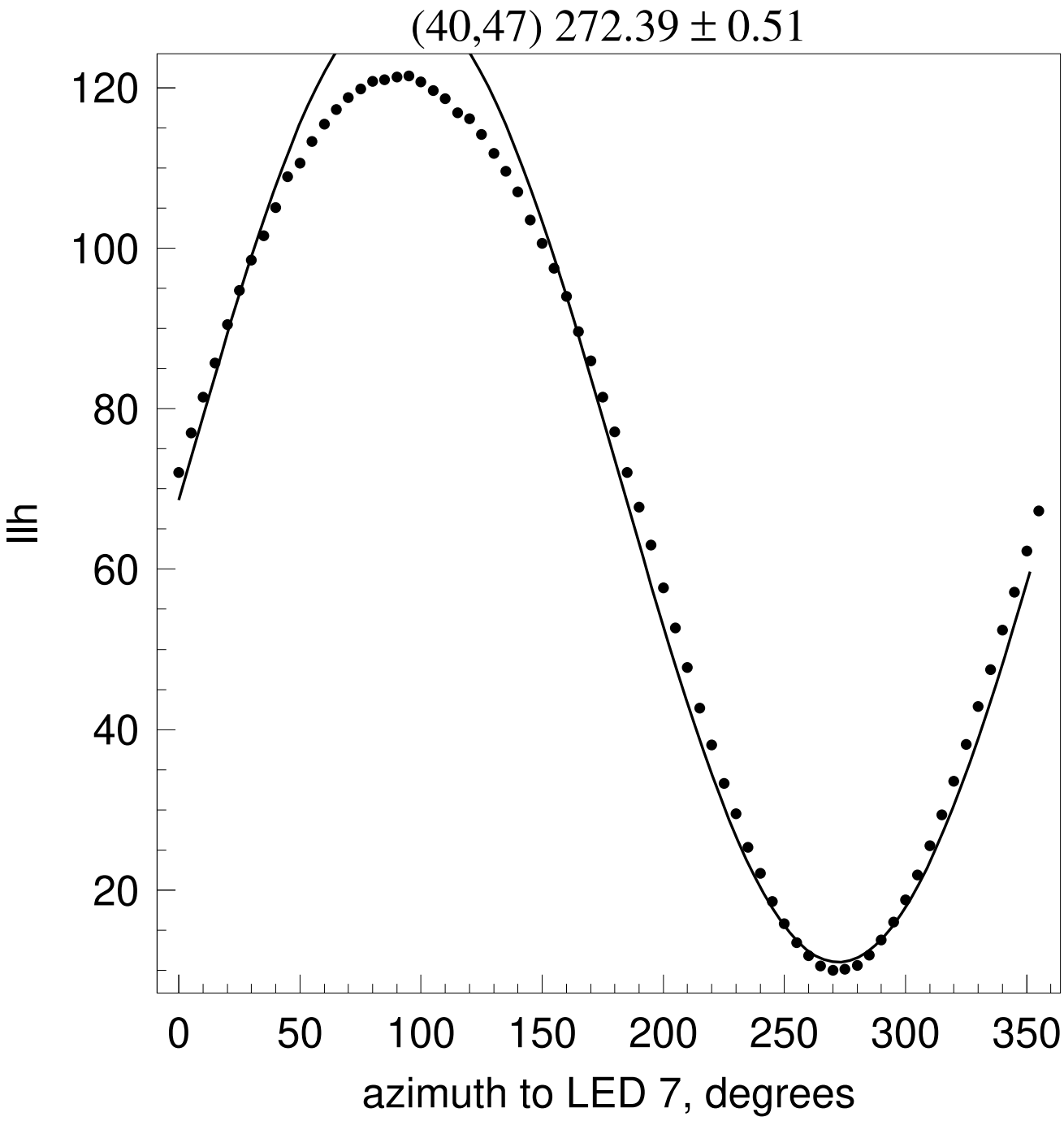

(40,42) 88.95 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

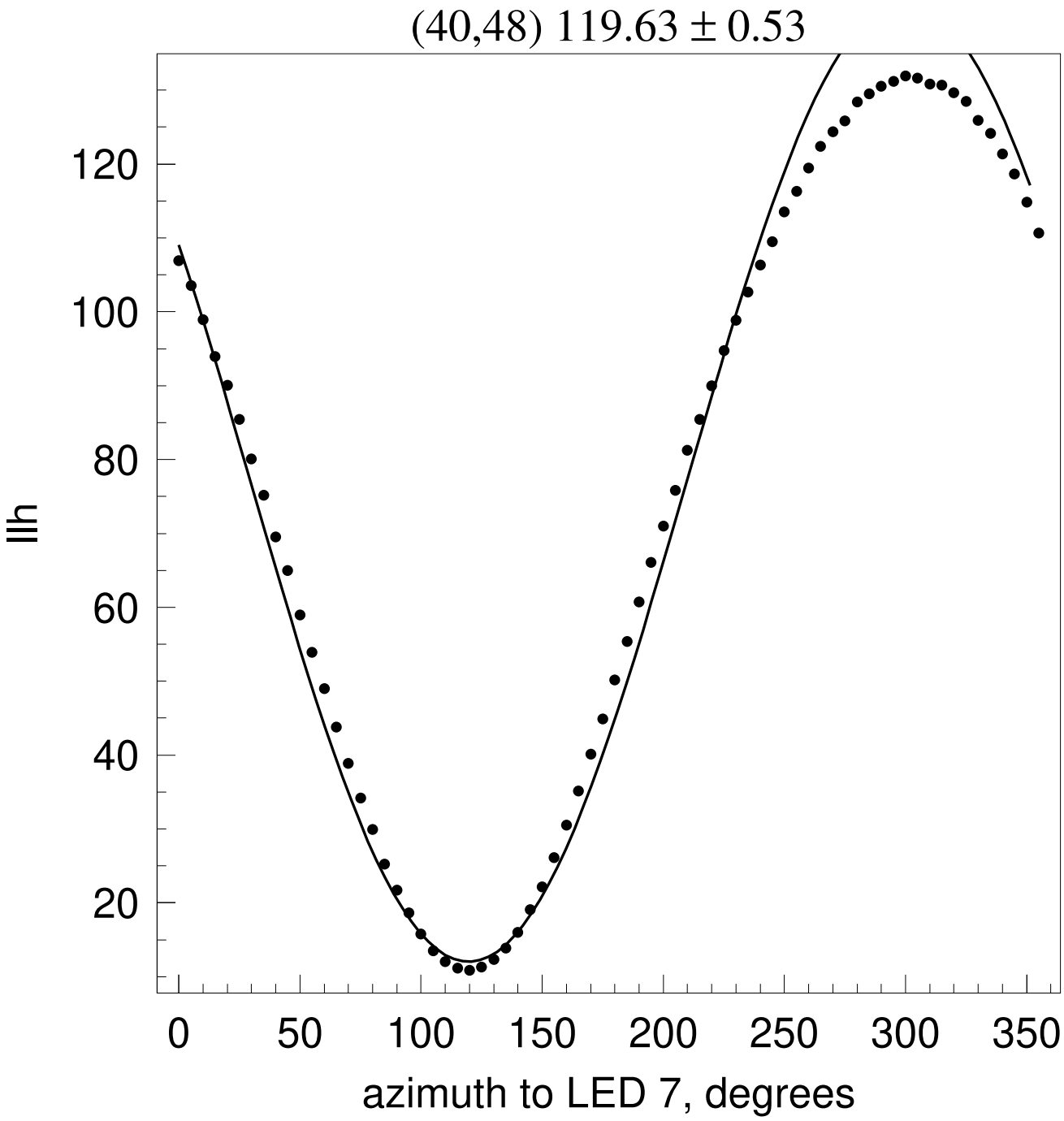

(40,43) 88.74 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

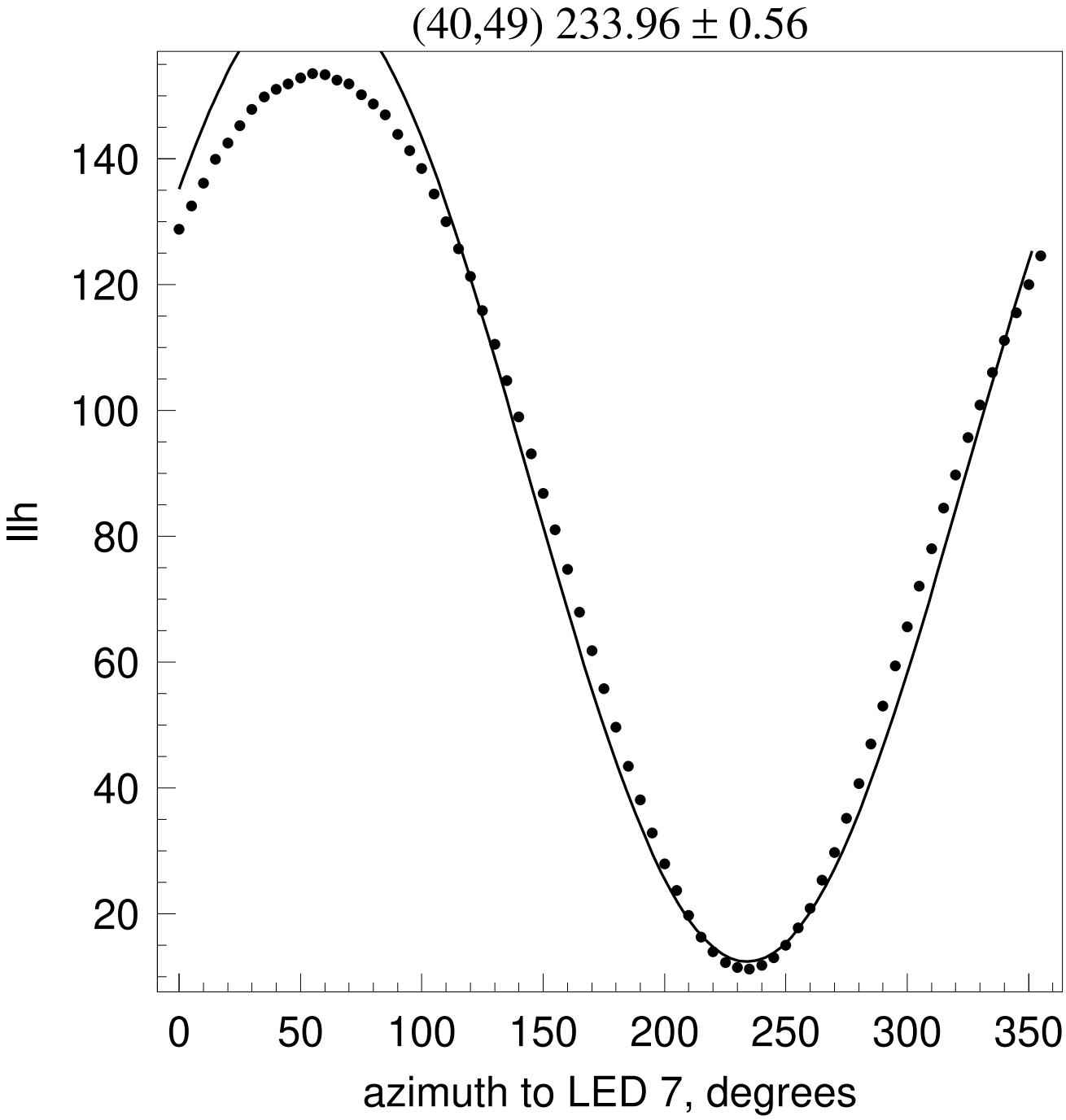

(40,44) 4.69 ± 0.29
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

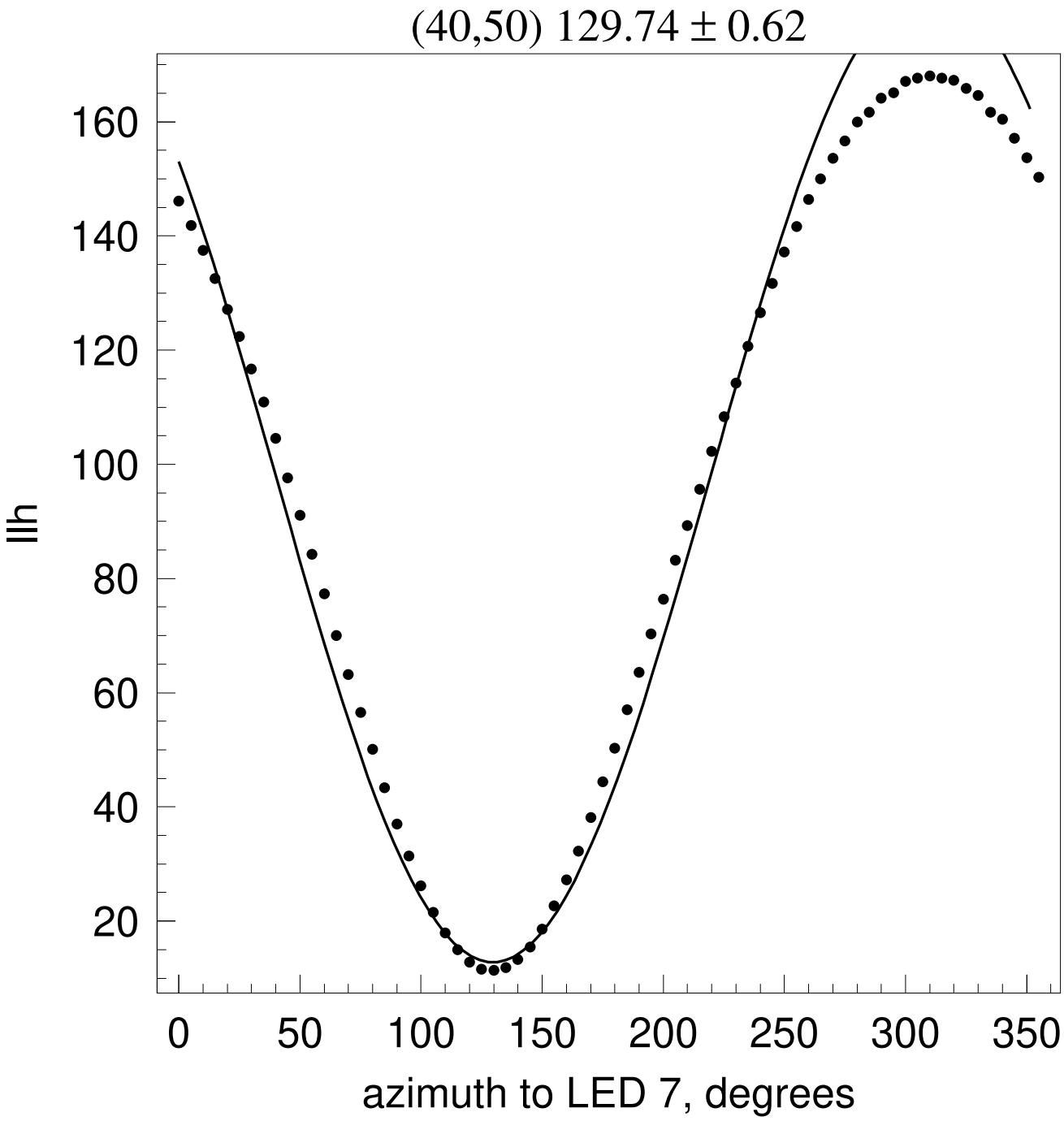

(40,45) 11.51 ± 0.34
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

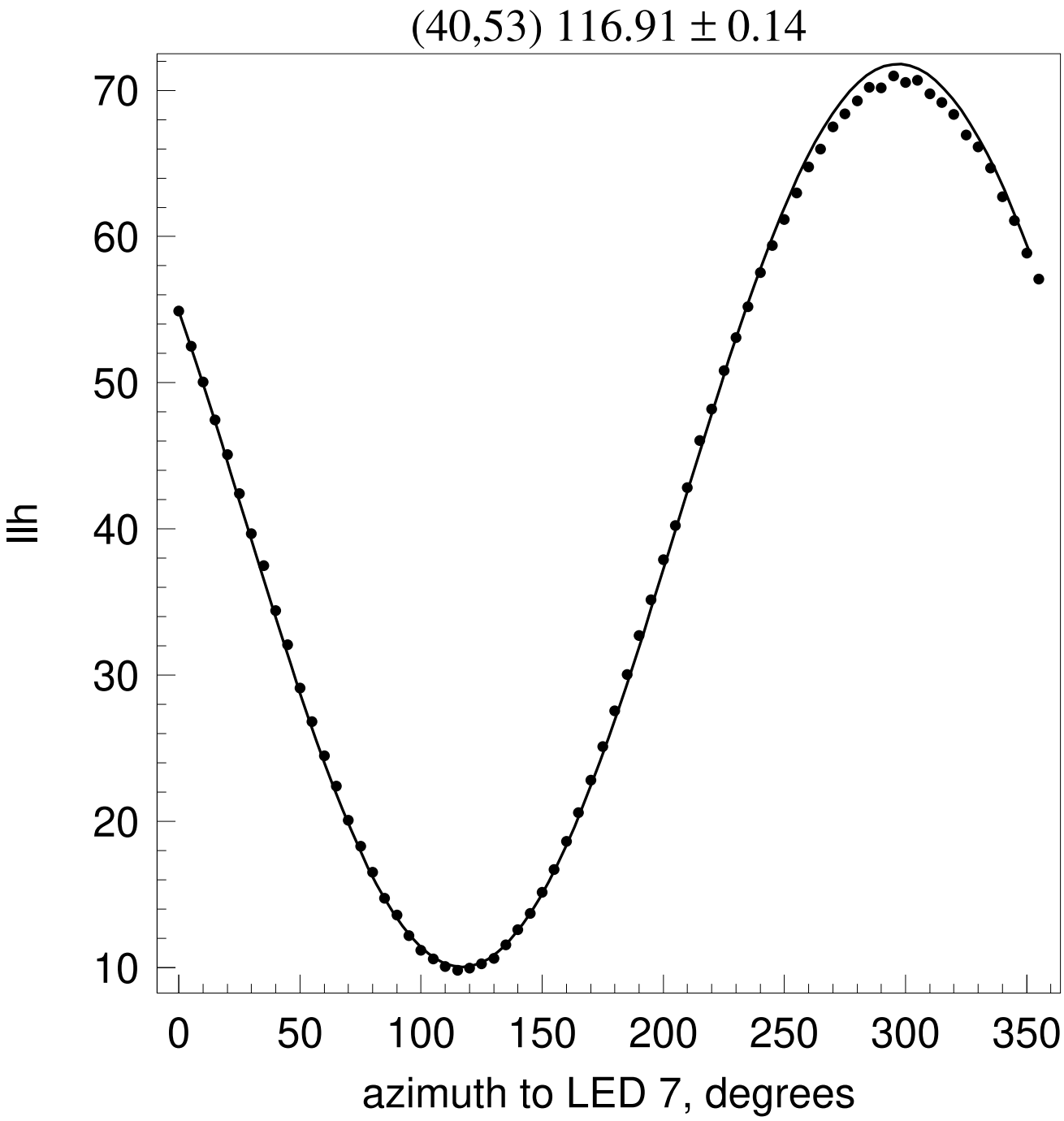

(40,46) 349.39 ± 0.39
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

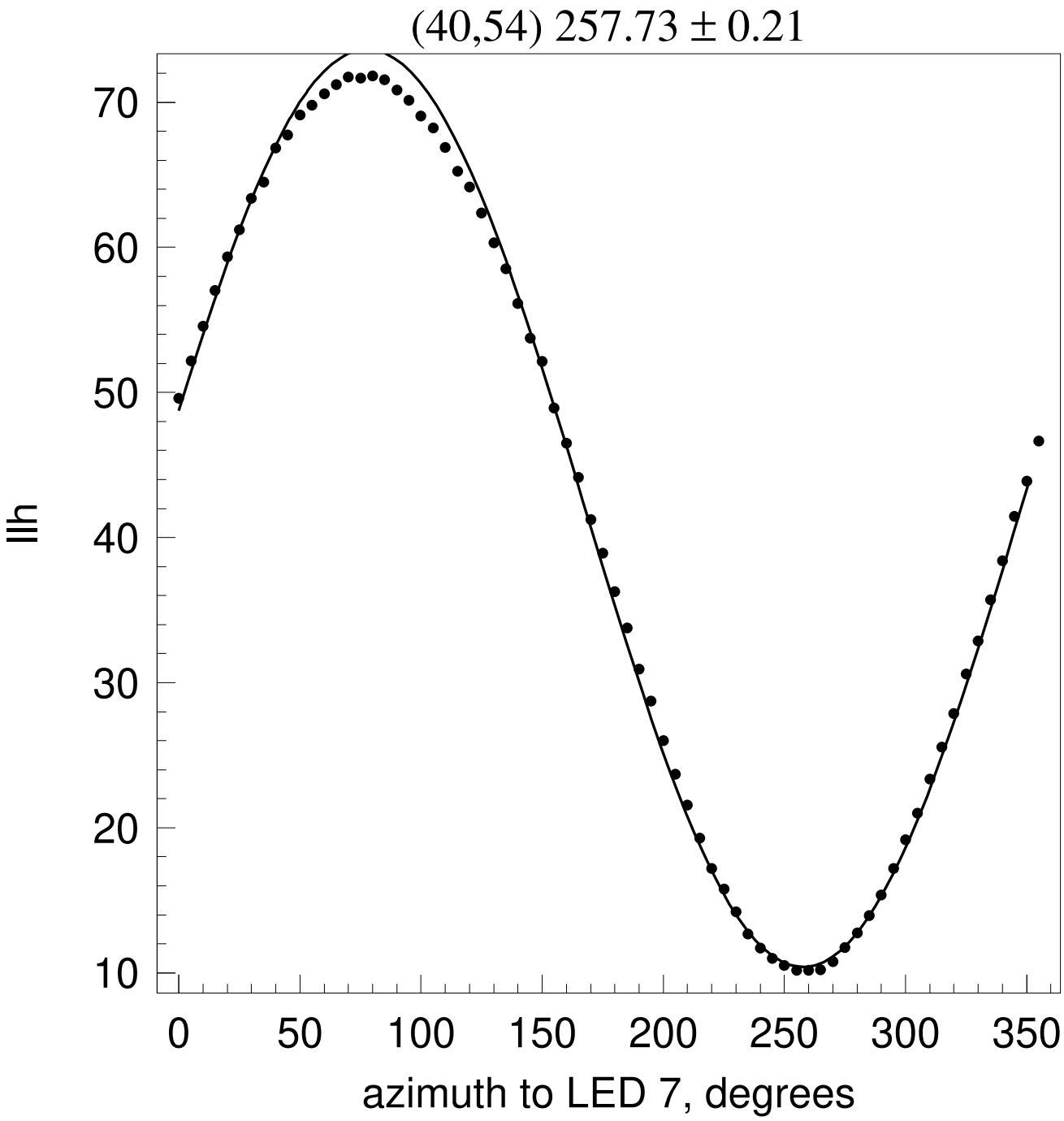

(40,47) 272.39 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

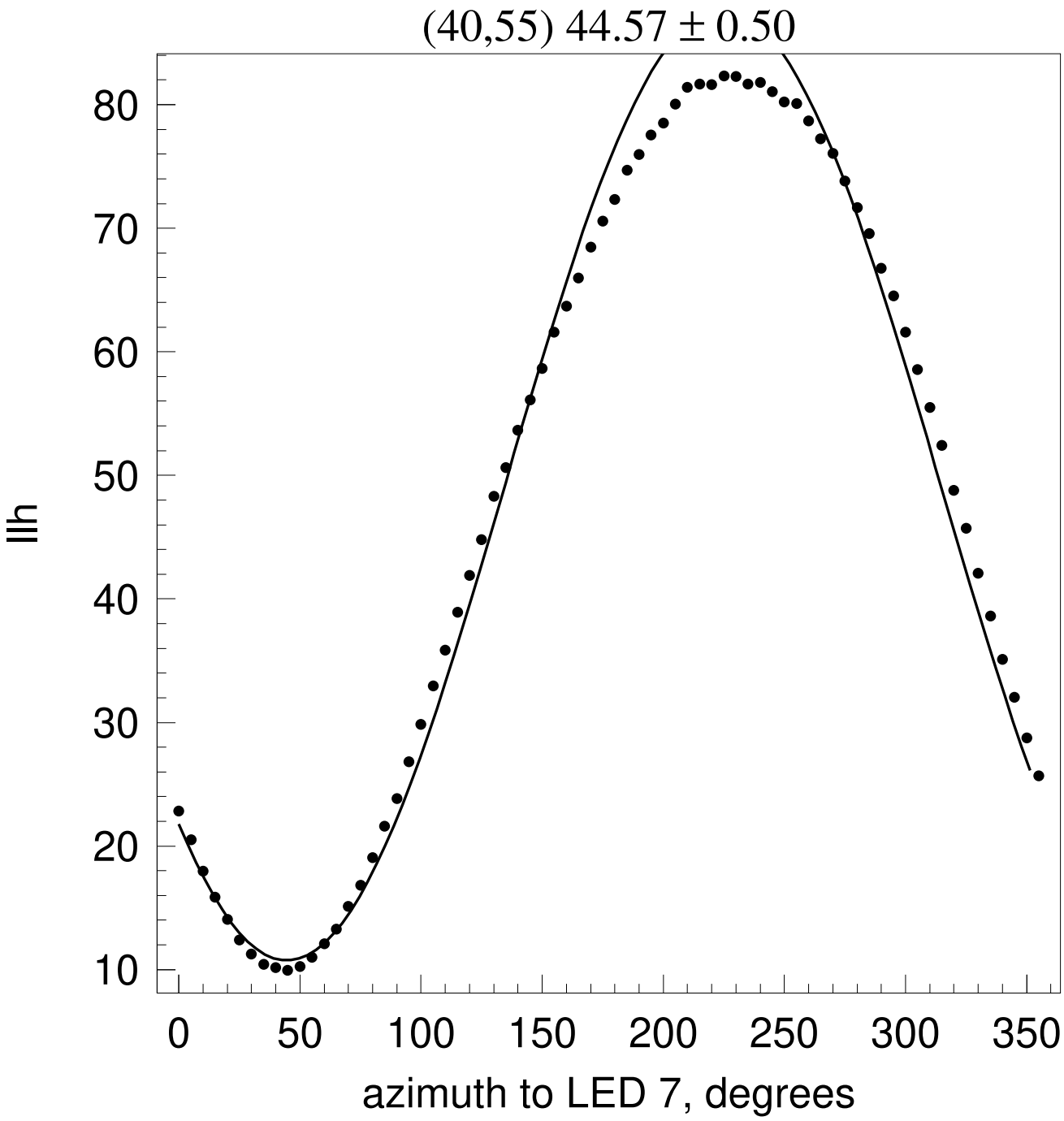

(40,48) 119.63 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

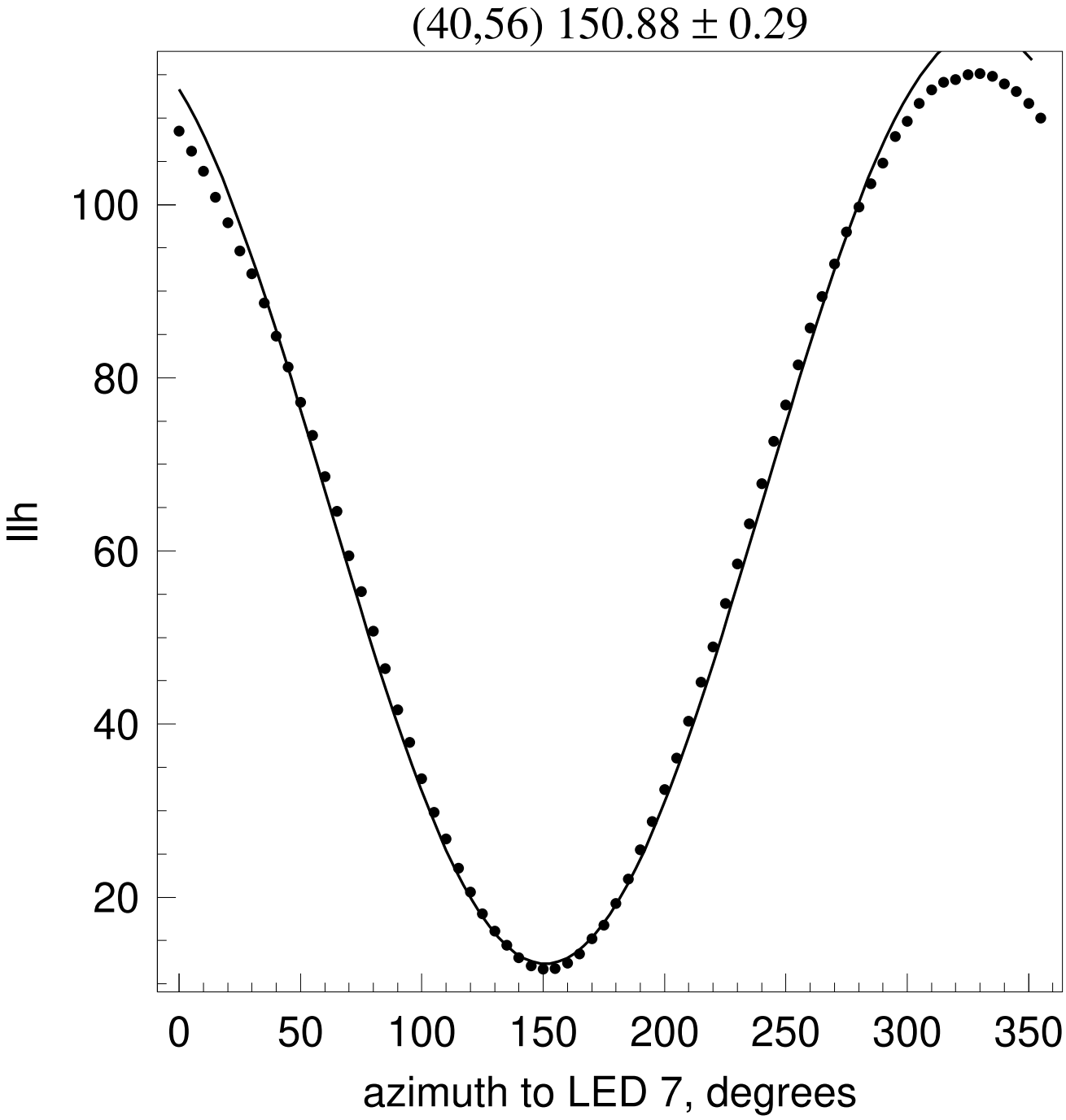

(40,49) 233.96 ± 0.56
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

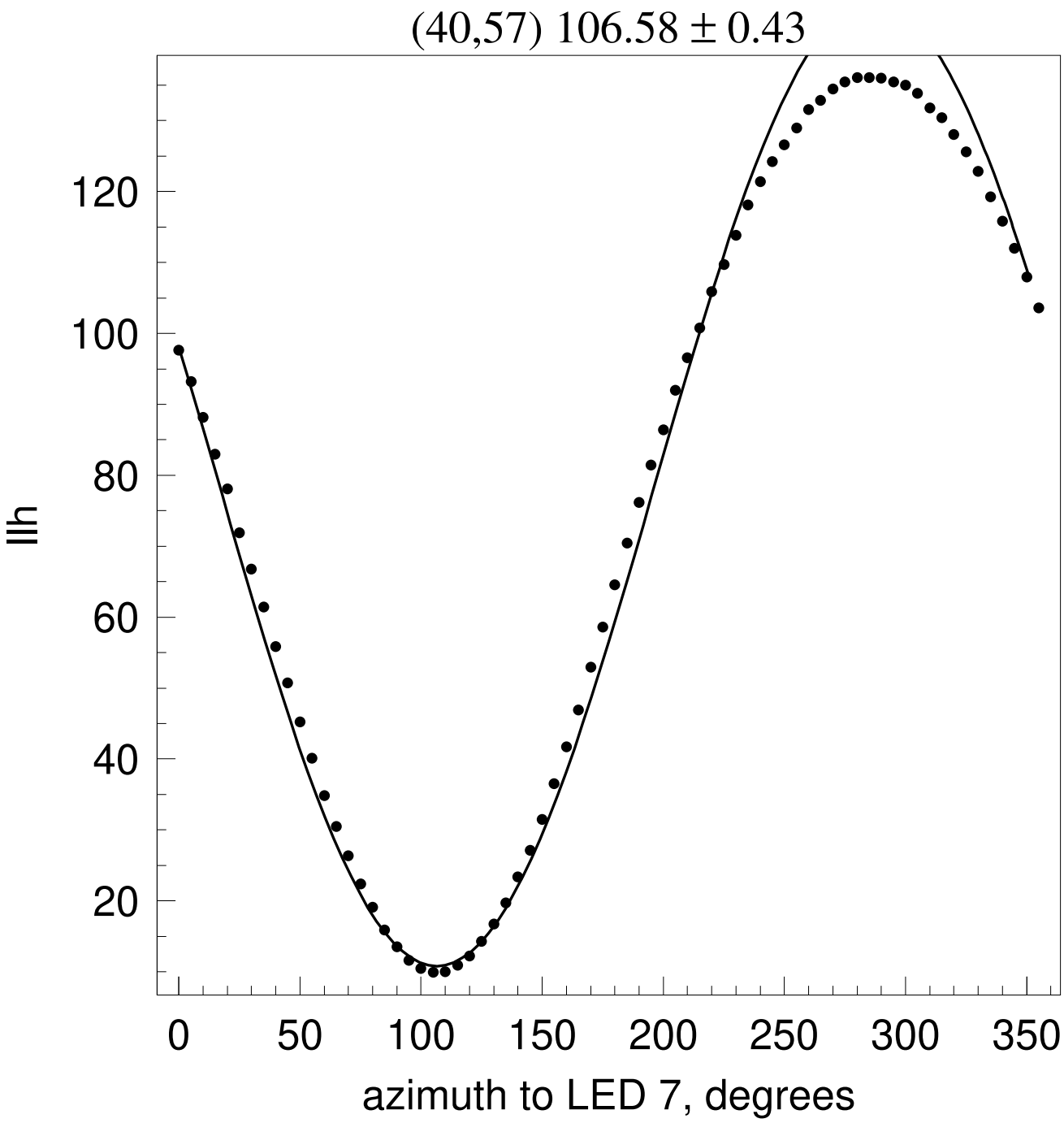

(40,50) 129.74 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

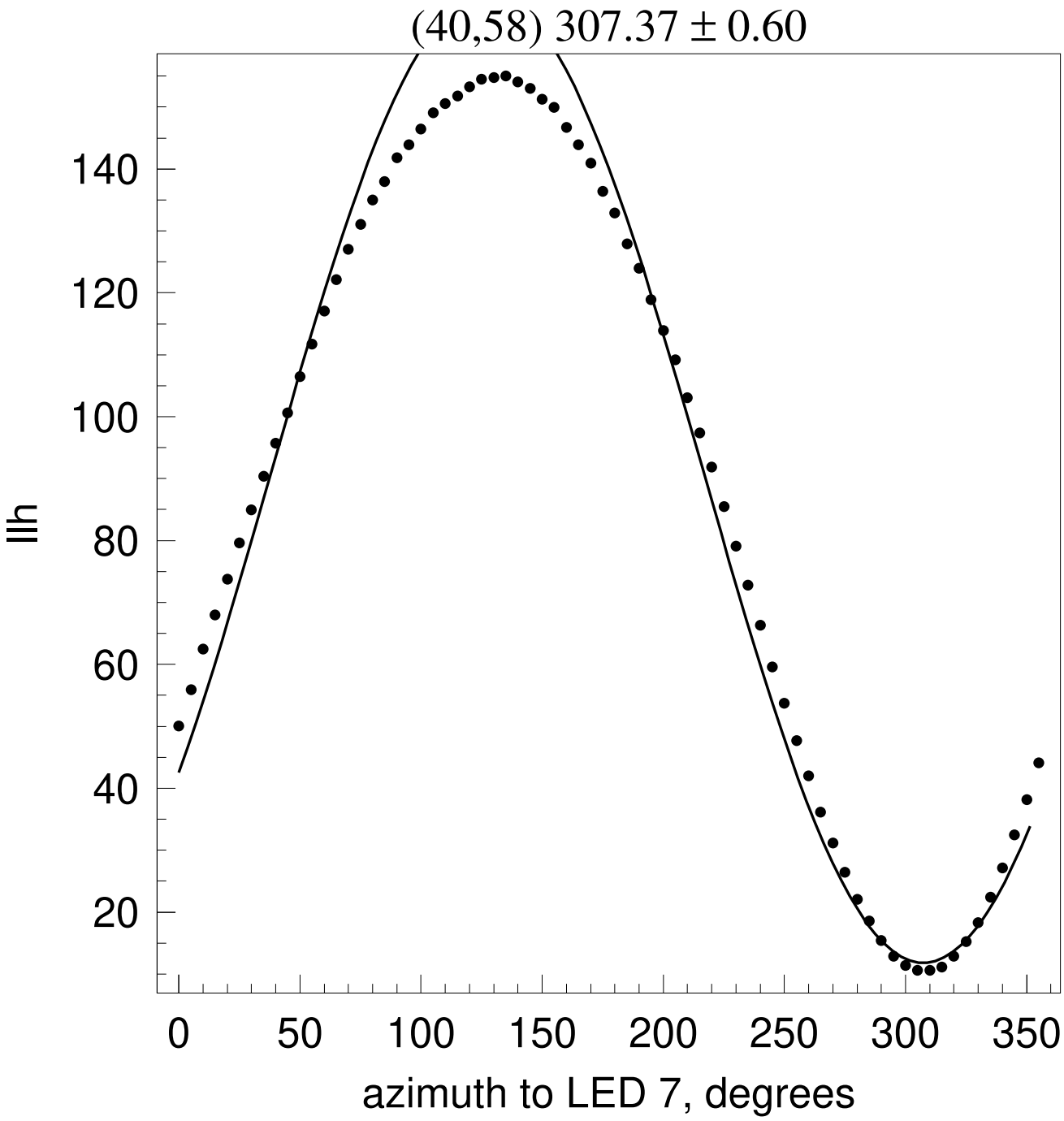

(40,53) 116.91 ± 0.14
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

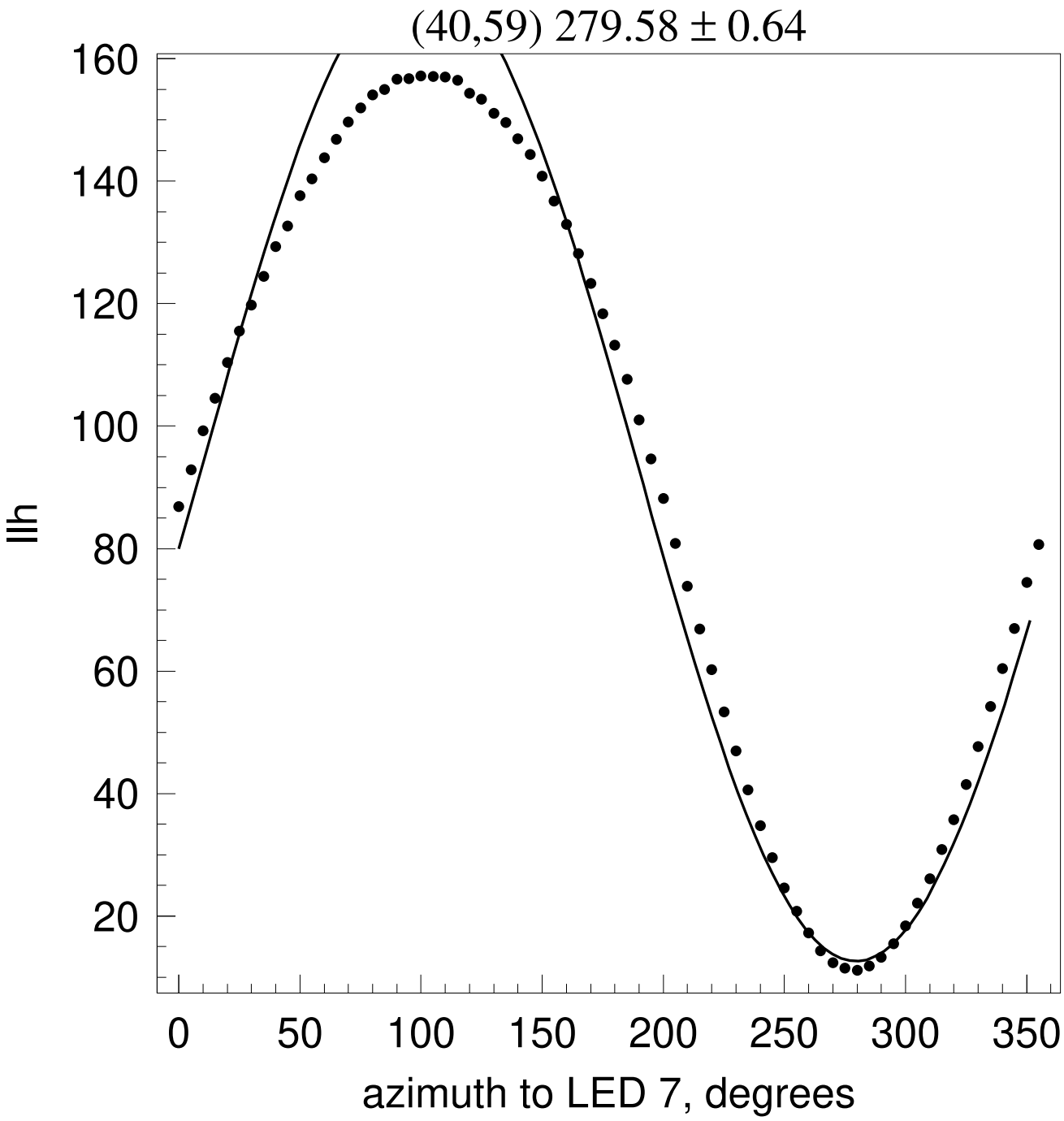

(40,54) 257.73 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

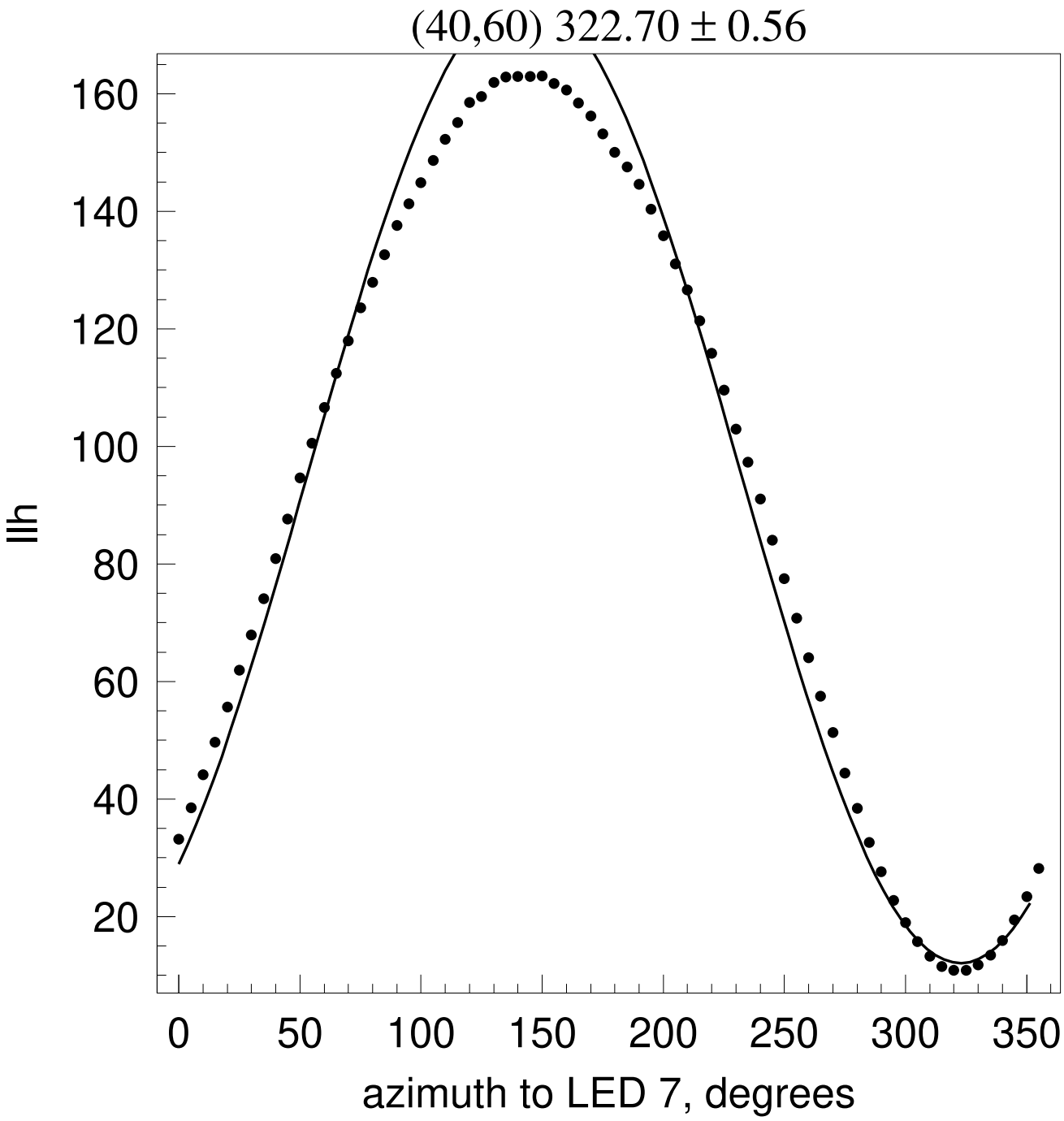

(40,55) 44.57 ± 0.50
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

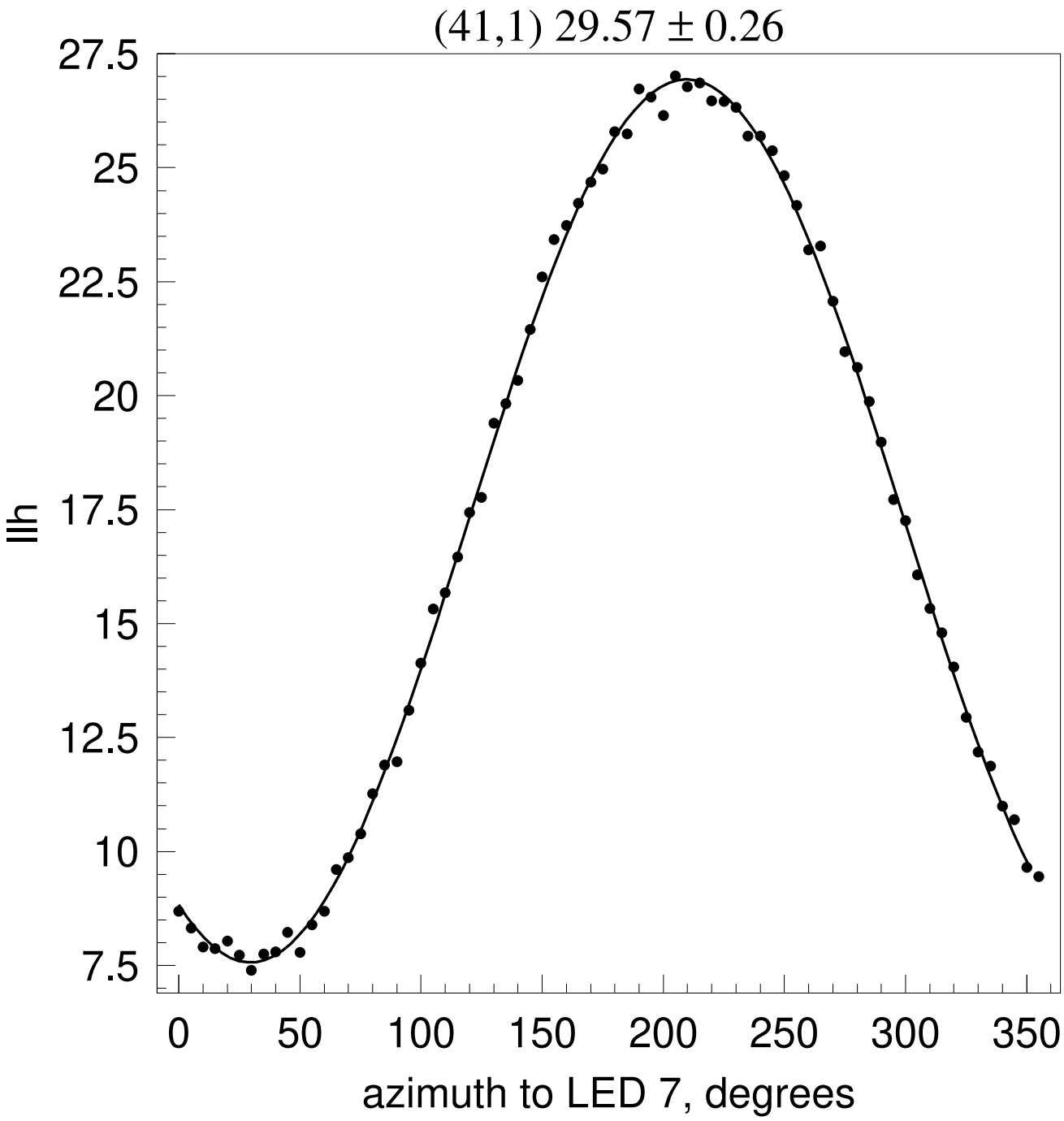

(40,56) 150.88 ± 0.29
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

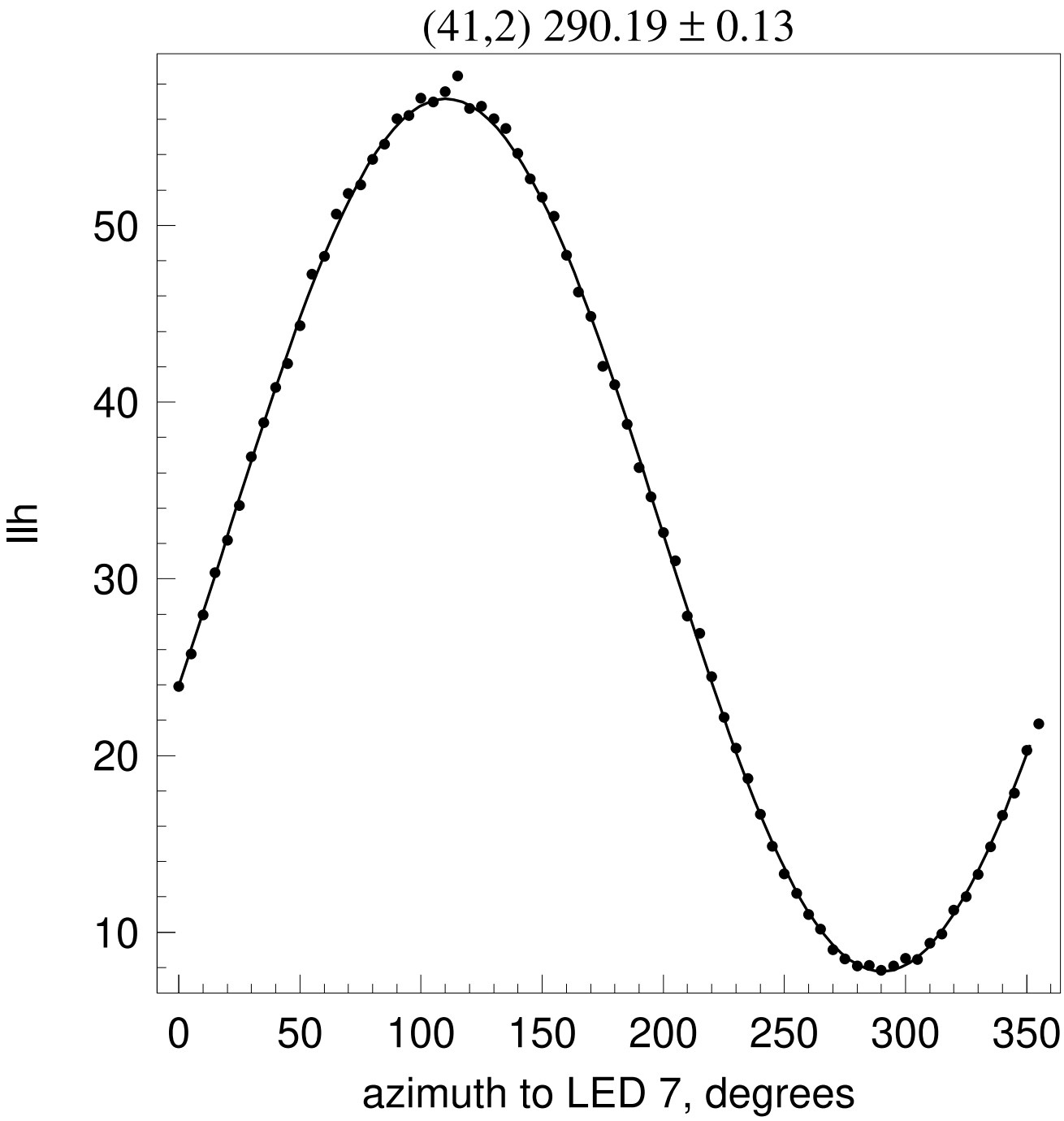

(40,57) 106.58 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

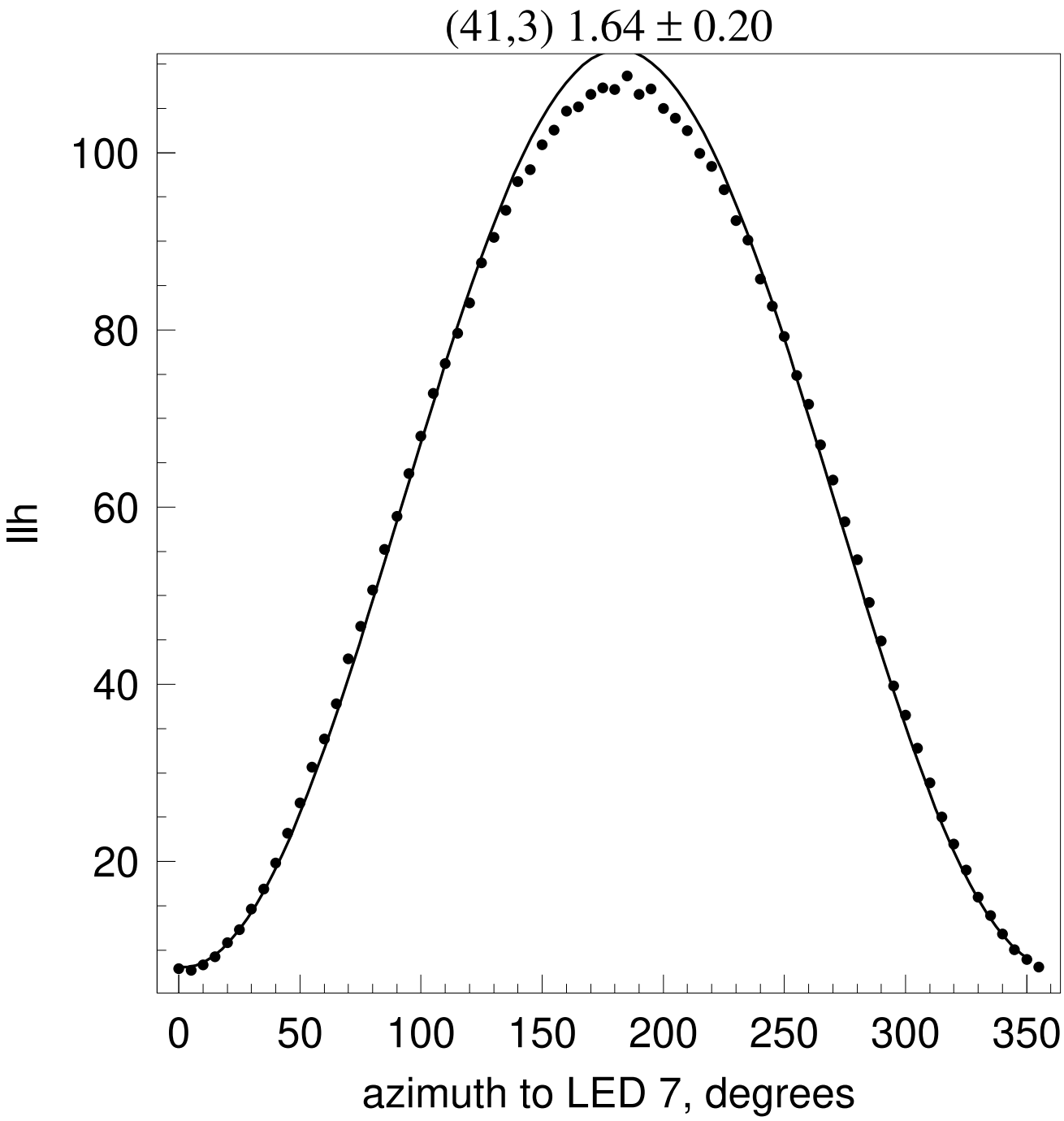

(40,58) 307.37 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

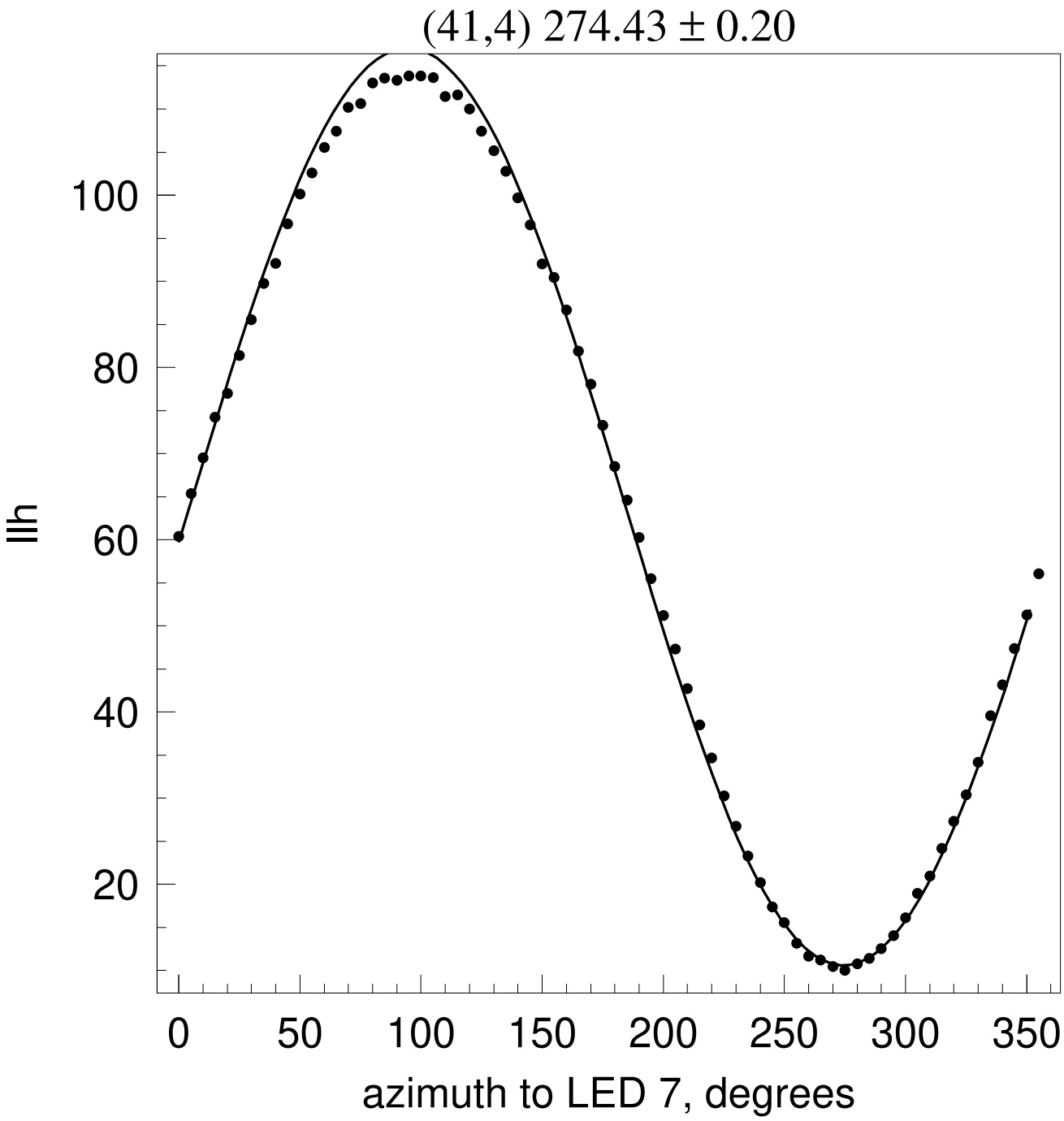

(40,59) 279.58 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

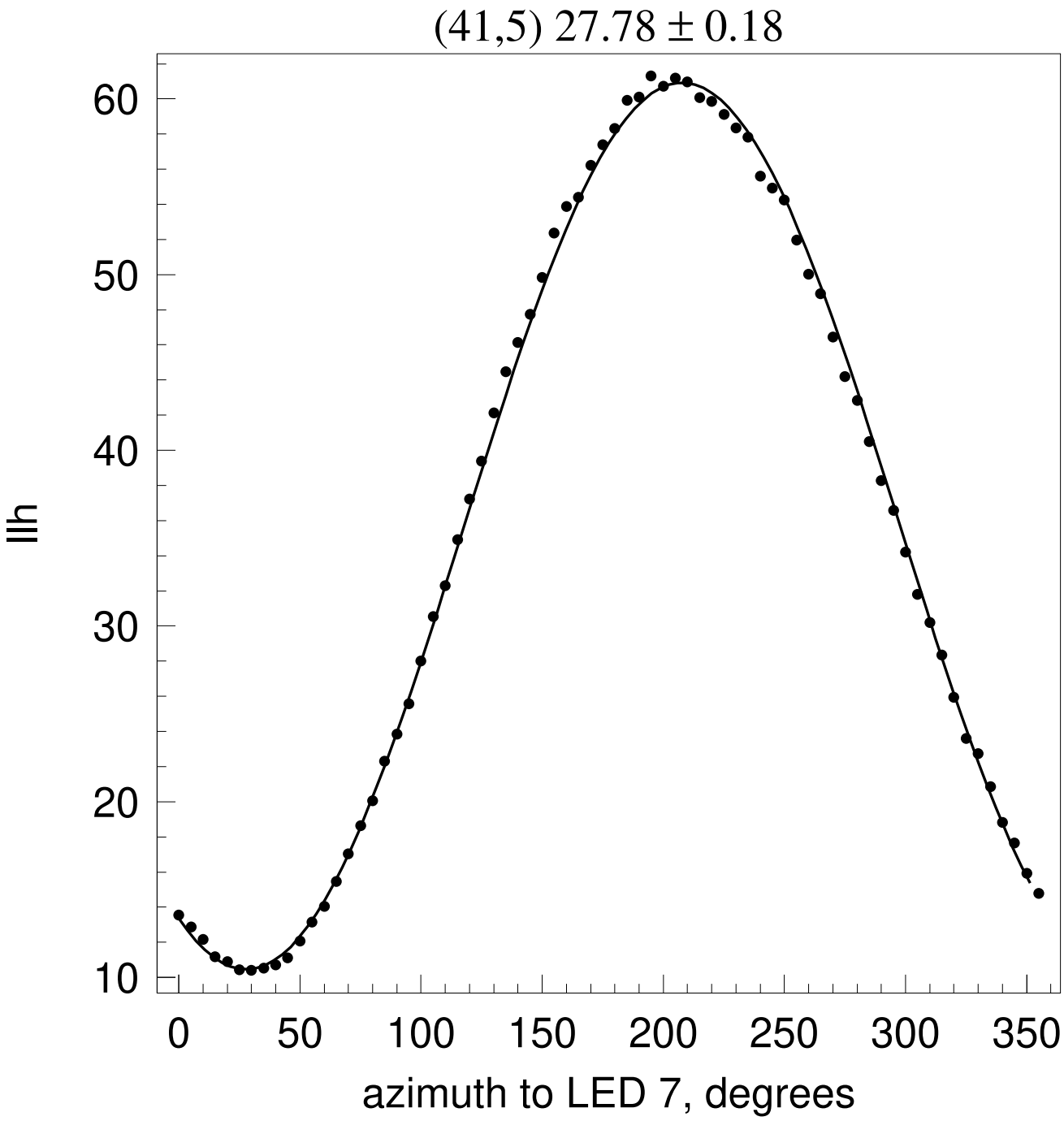

(40,60) 322.70 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

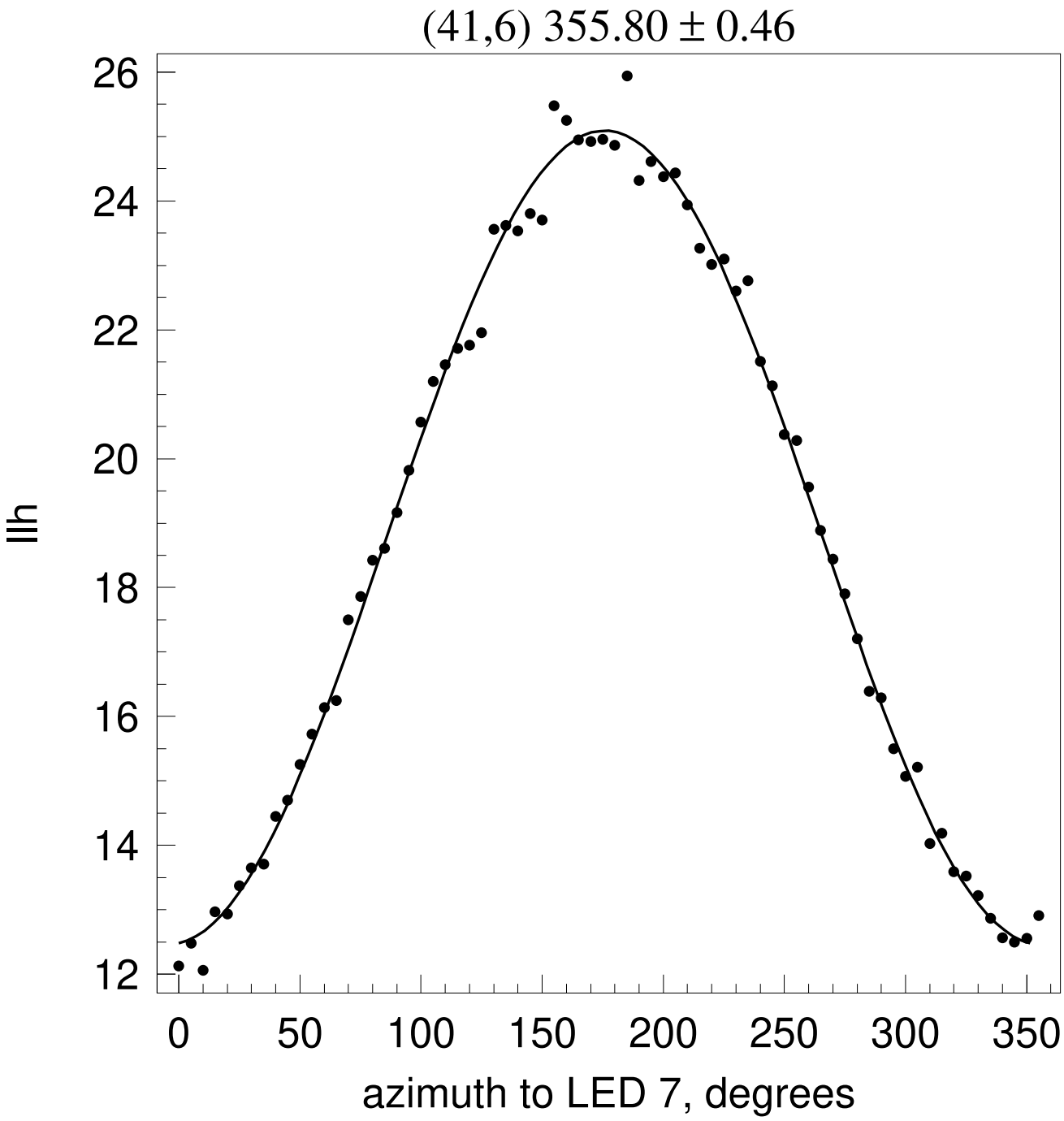

(41,1) 29.57 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

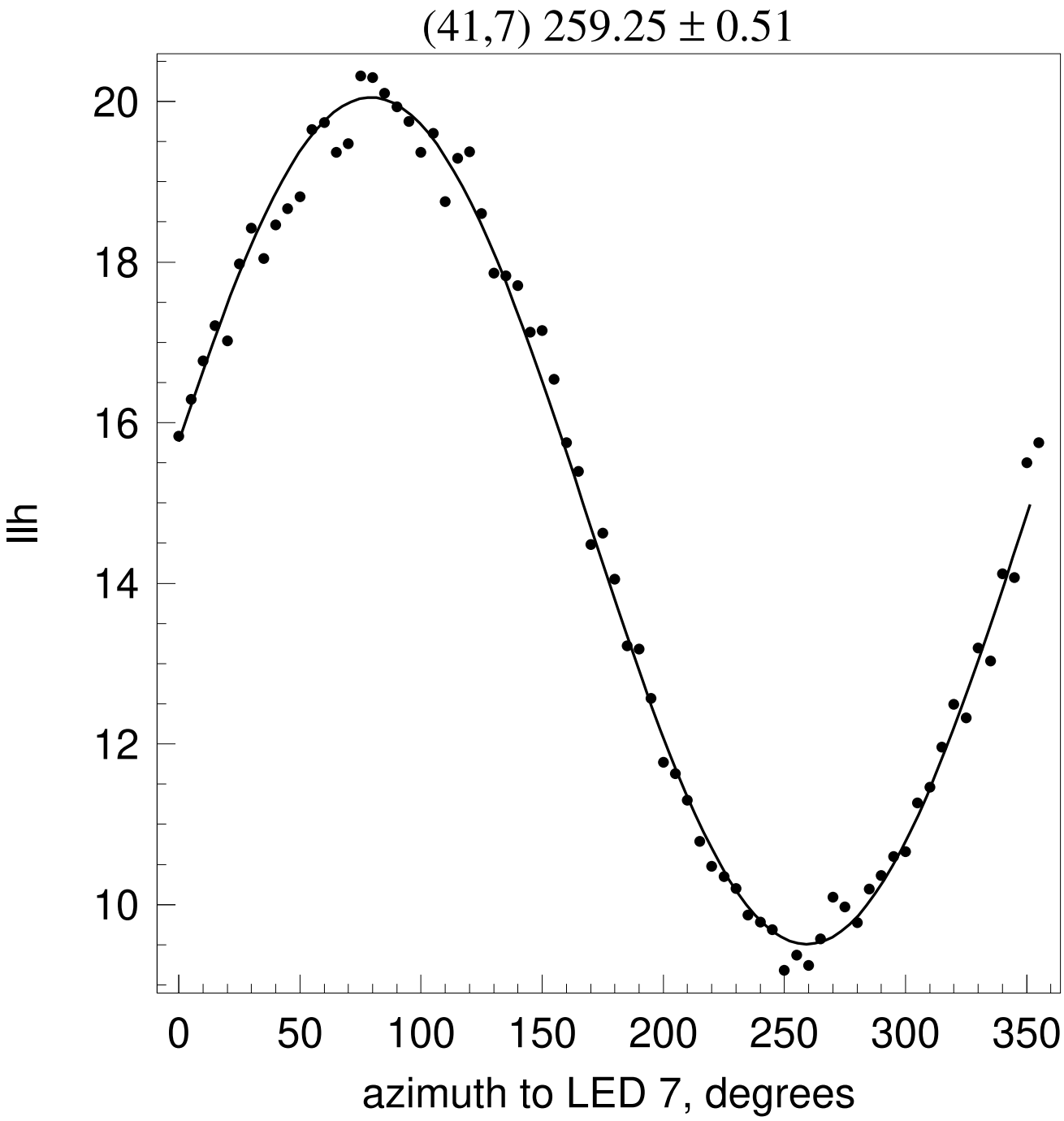

(41,2) 290.19 ± 0.13
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

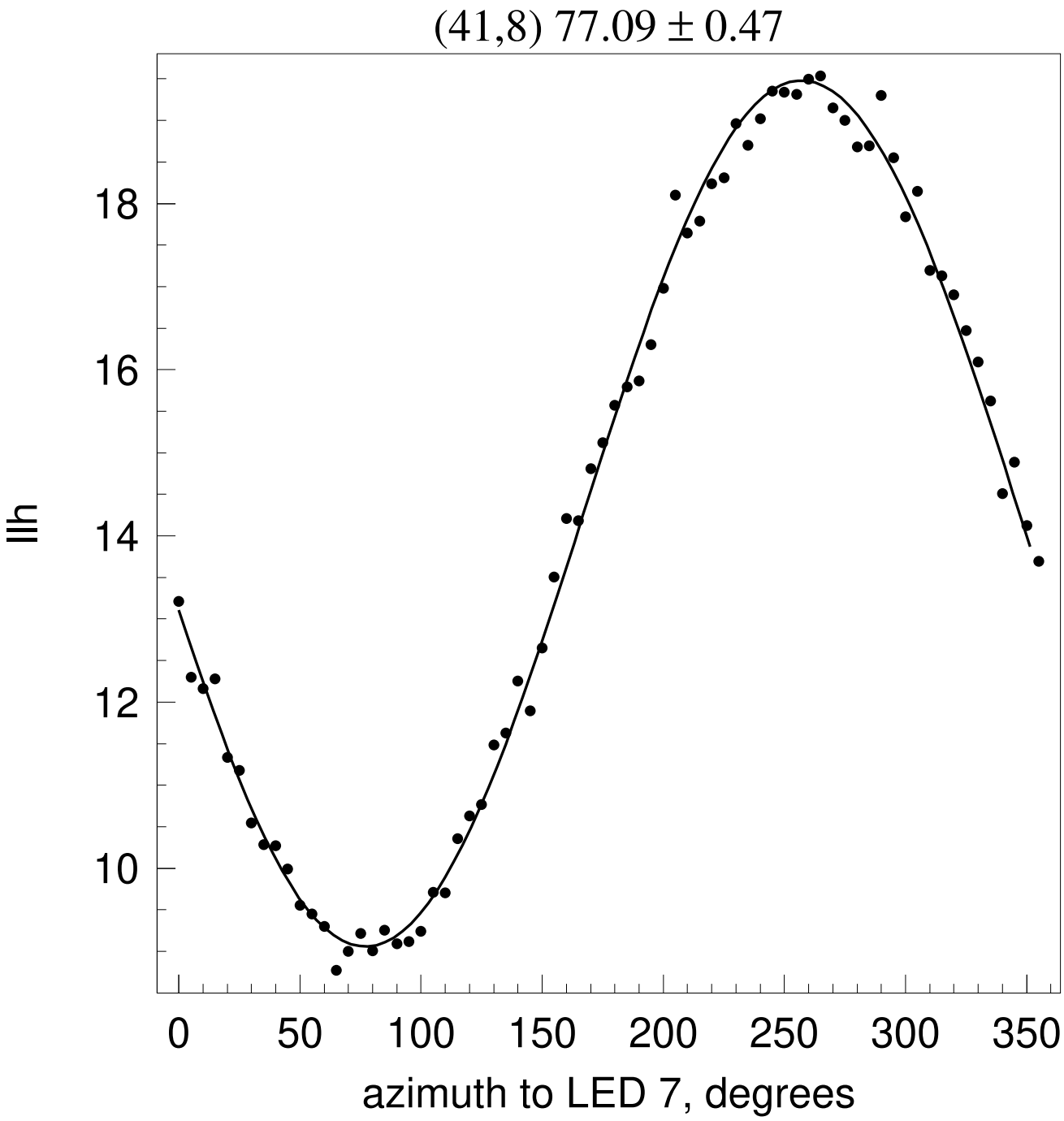

(41,3) 1.64 ± 0.20
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

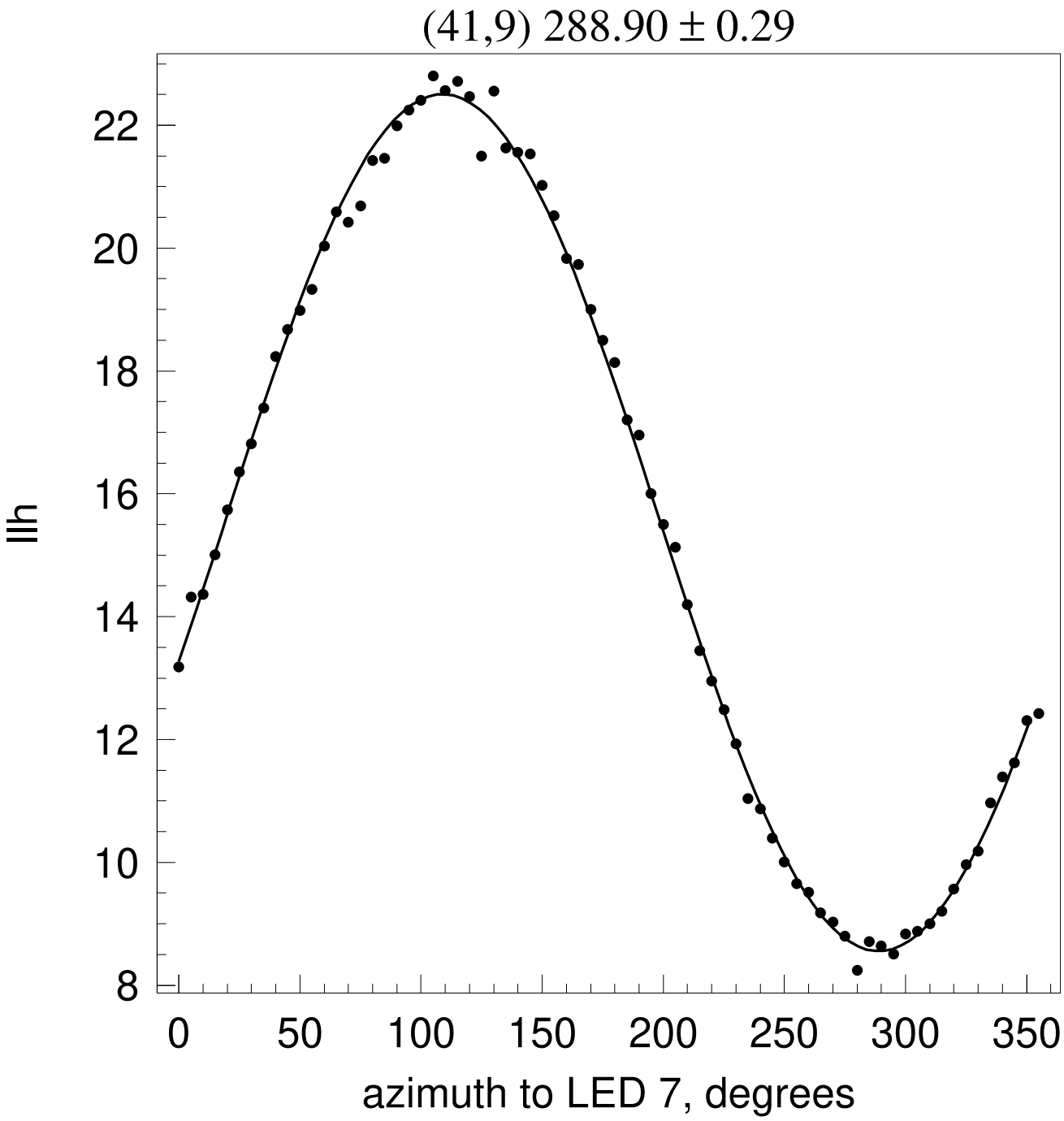

(41,4) 274.43 ± 0.20
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

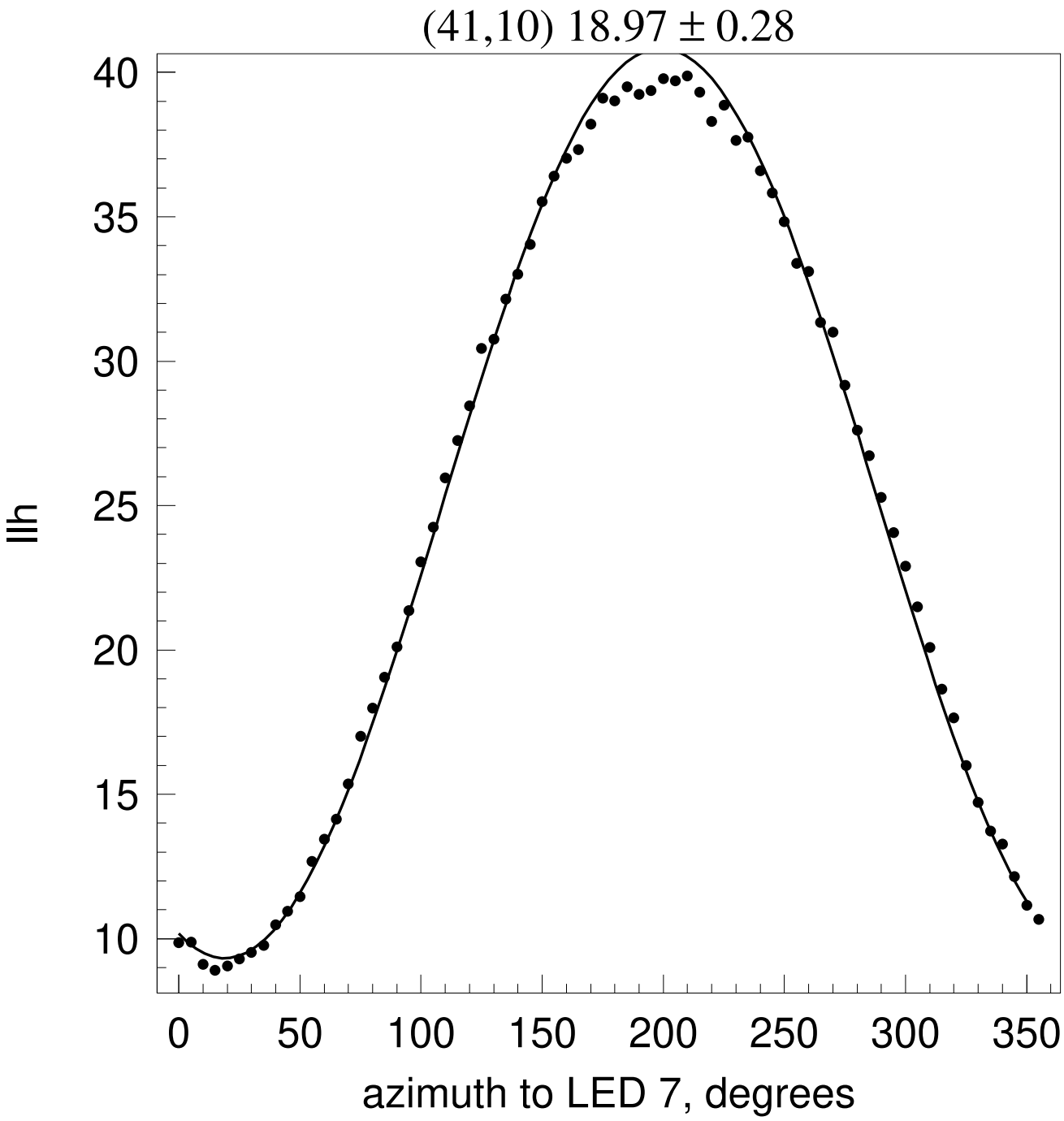

(41,5) 27.78 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

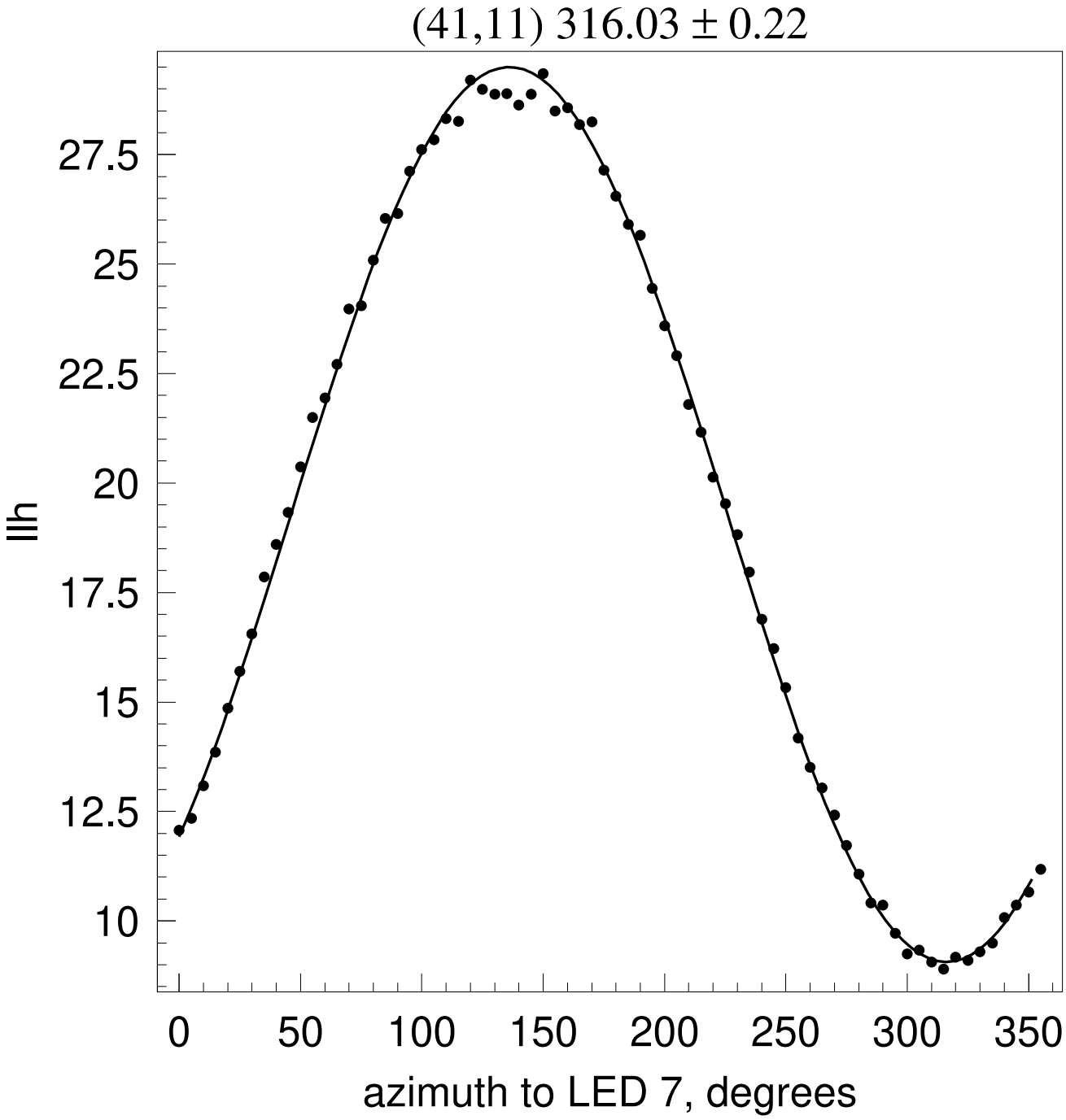

(41,6) 355.80 ± 0.46
26
24
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

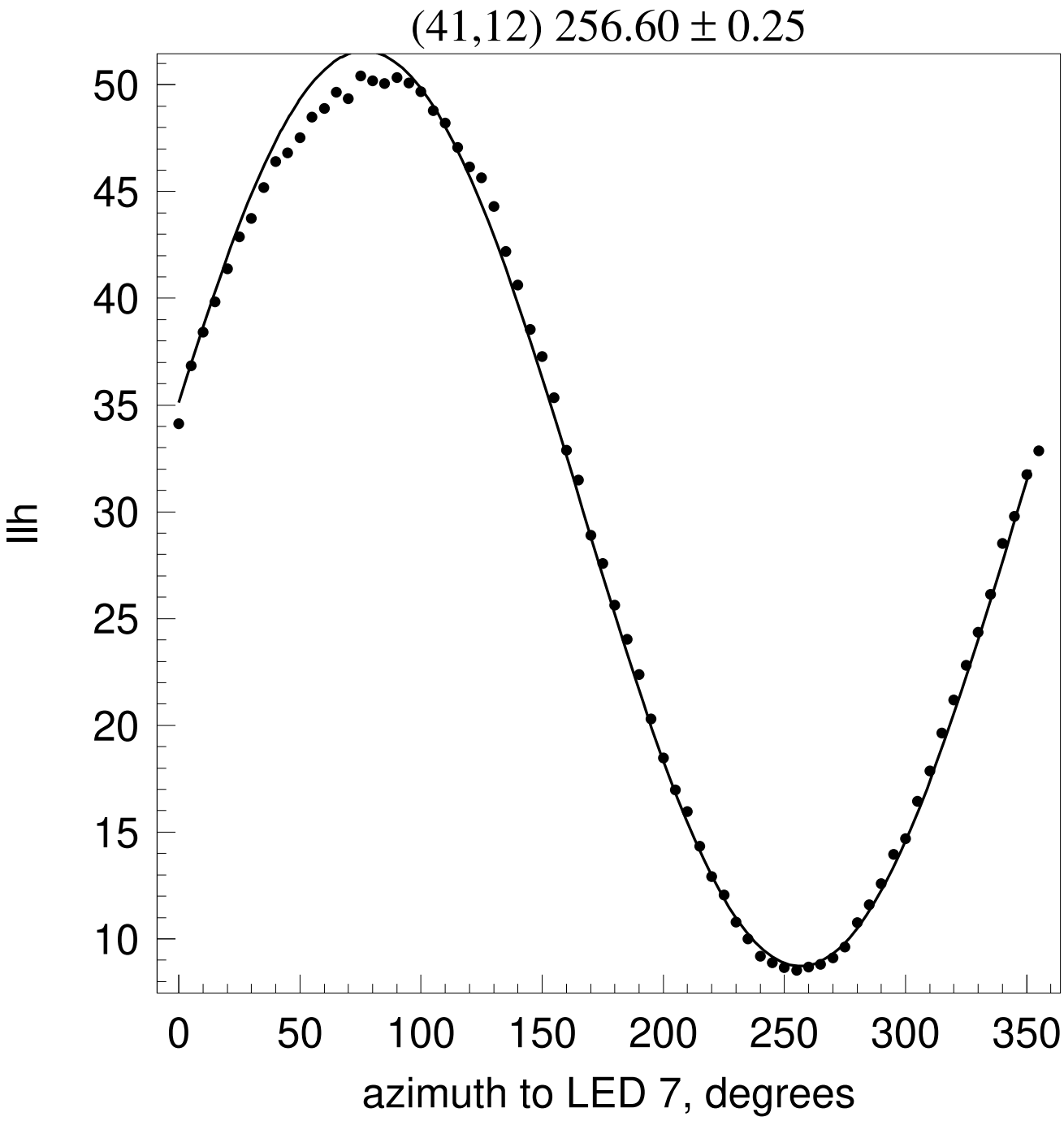

(41,7) 259.25 ± 0.51
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

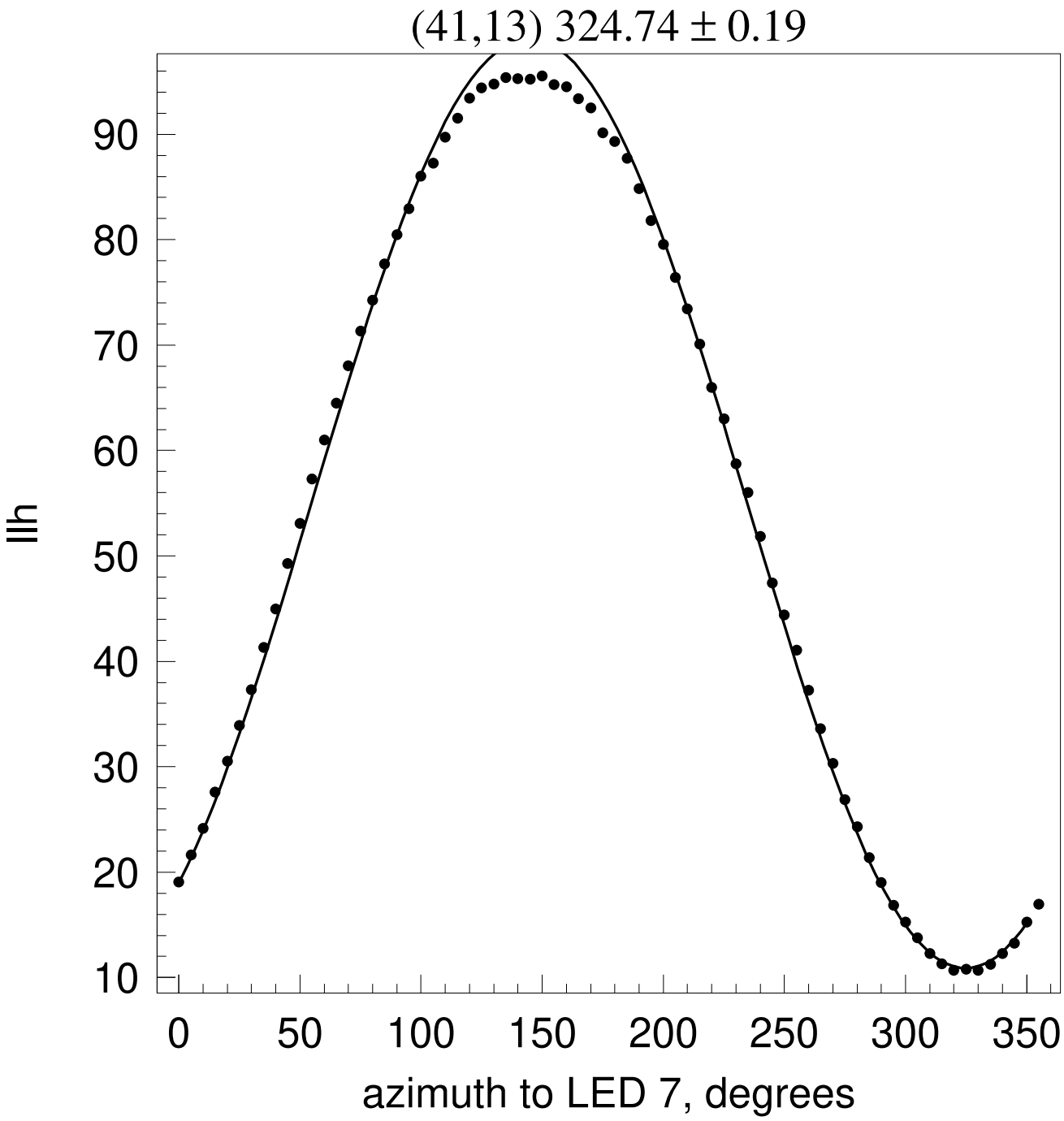

(41,8) 77.09 ± 0.47
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

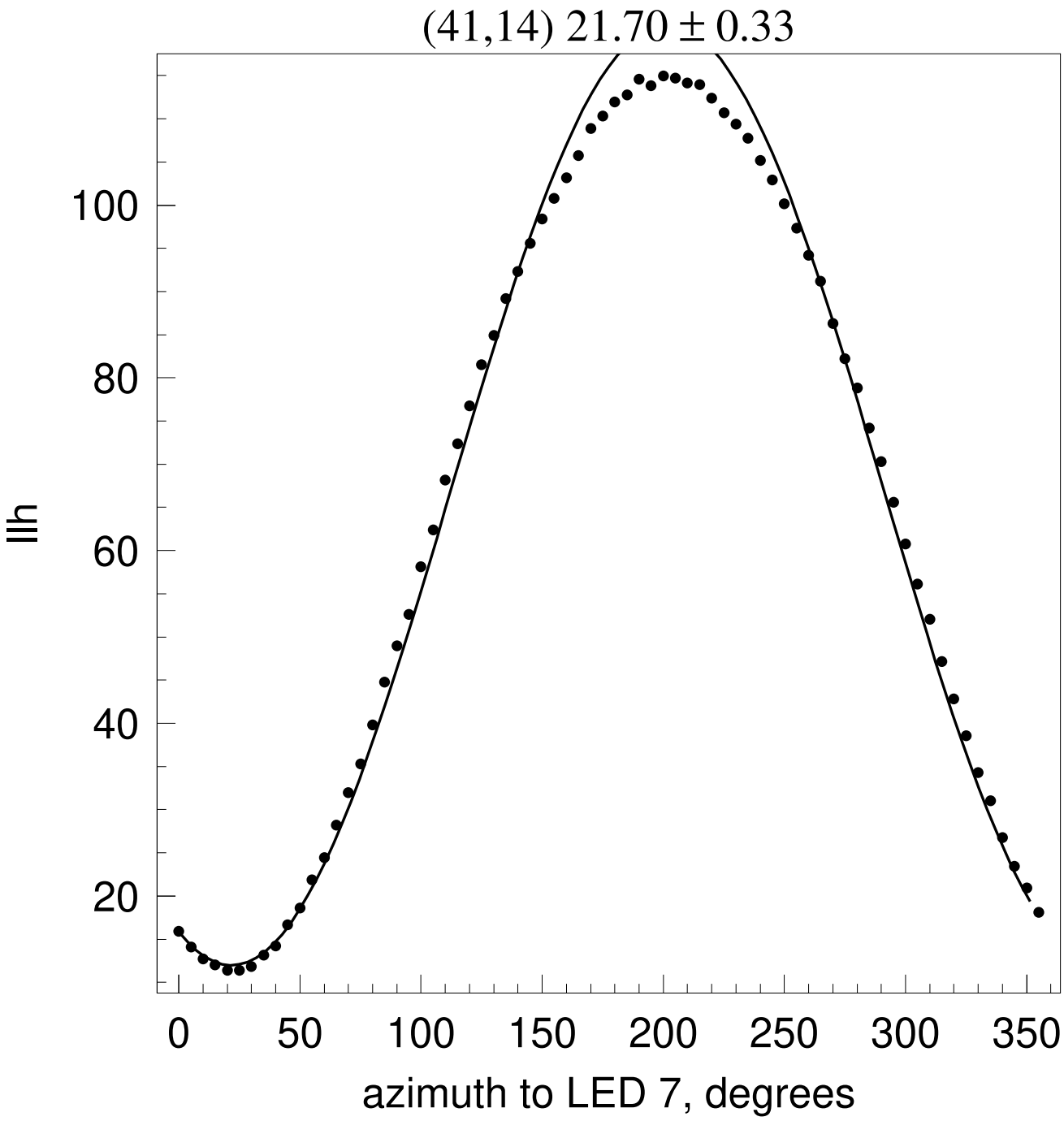

(41,9) 288.90 ± 0.29
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

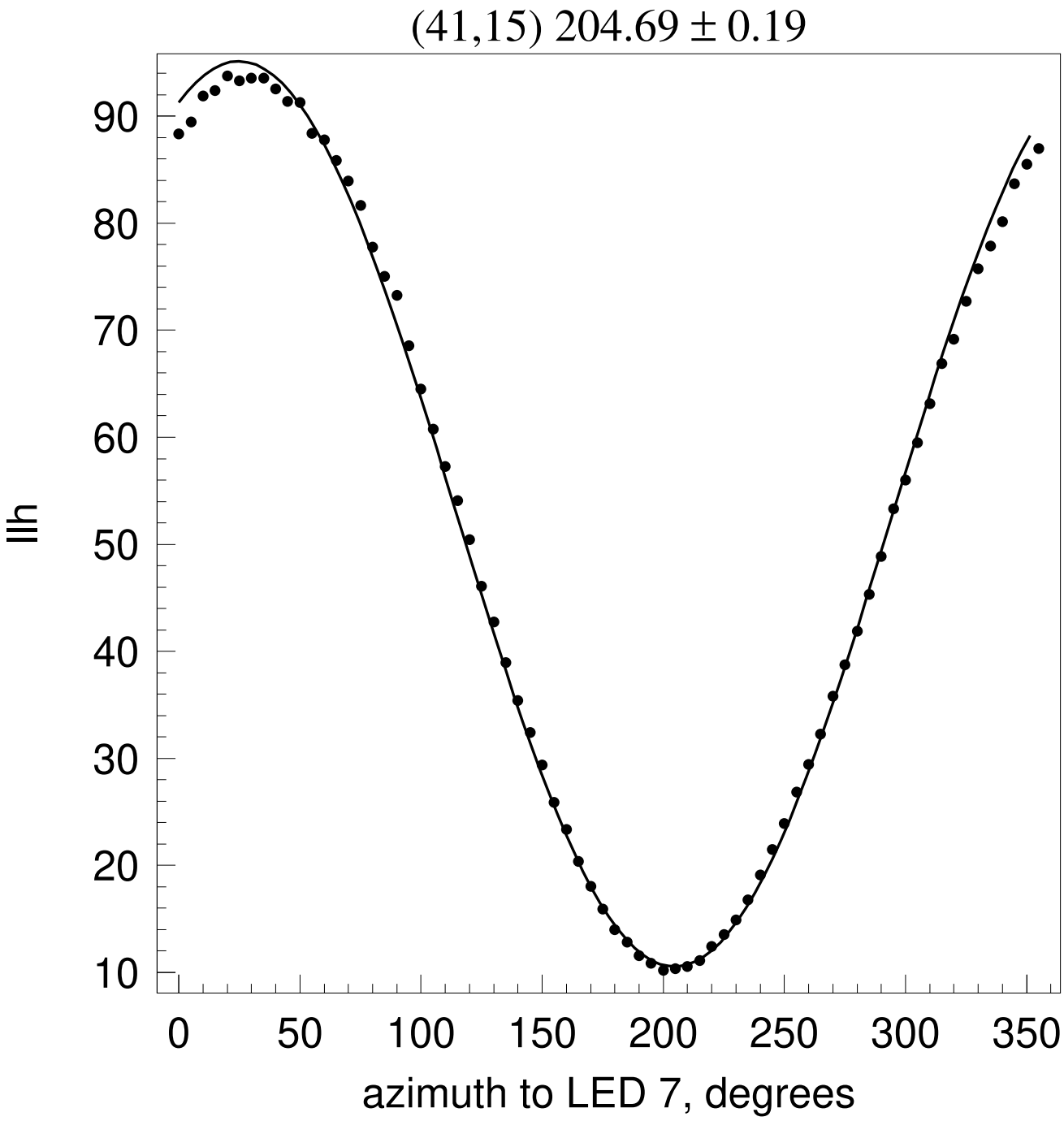

(41,10) 18.97 ± 0.28
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

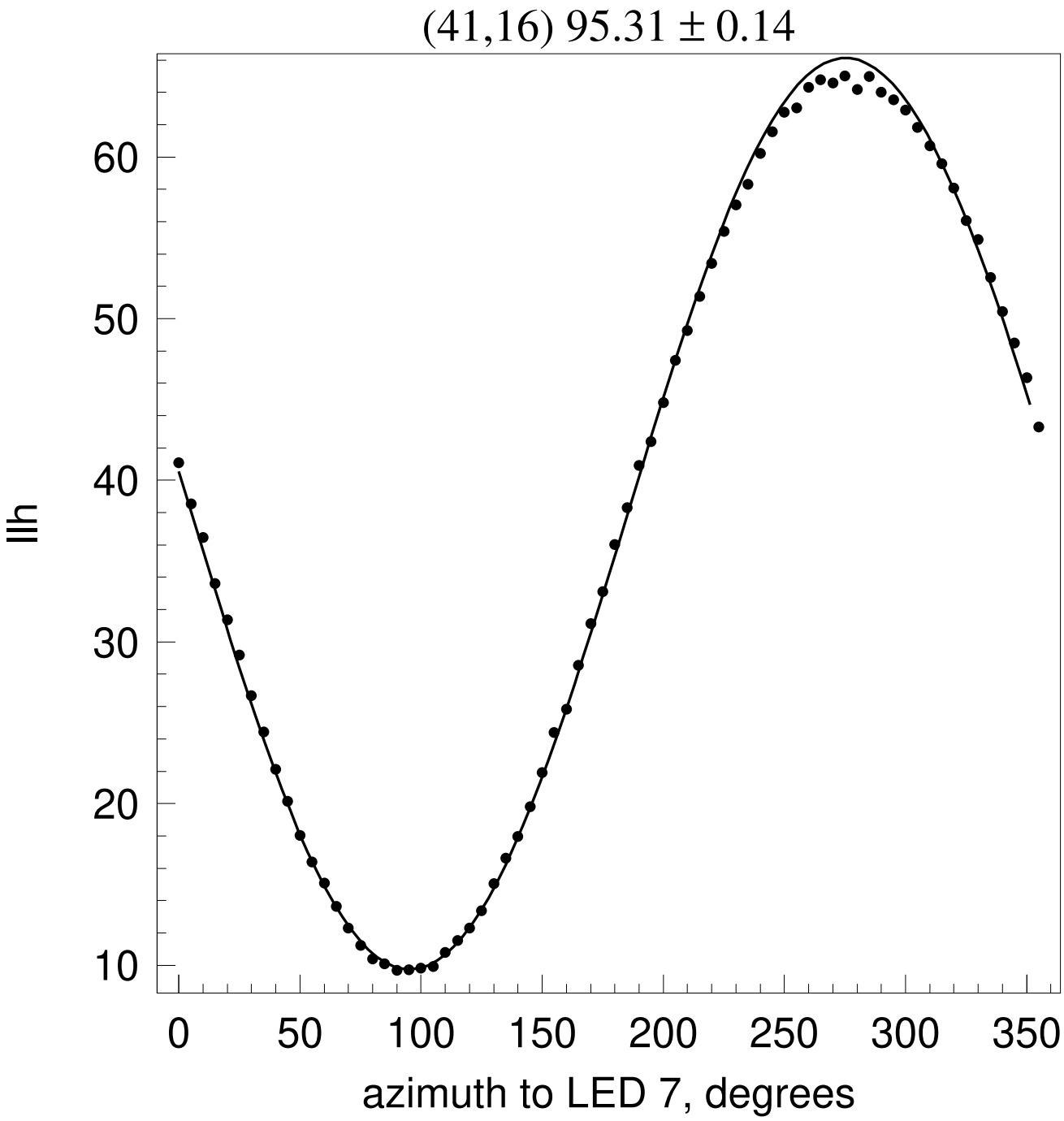

(41,11) 316.03 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

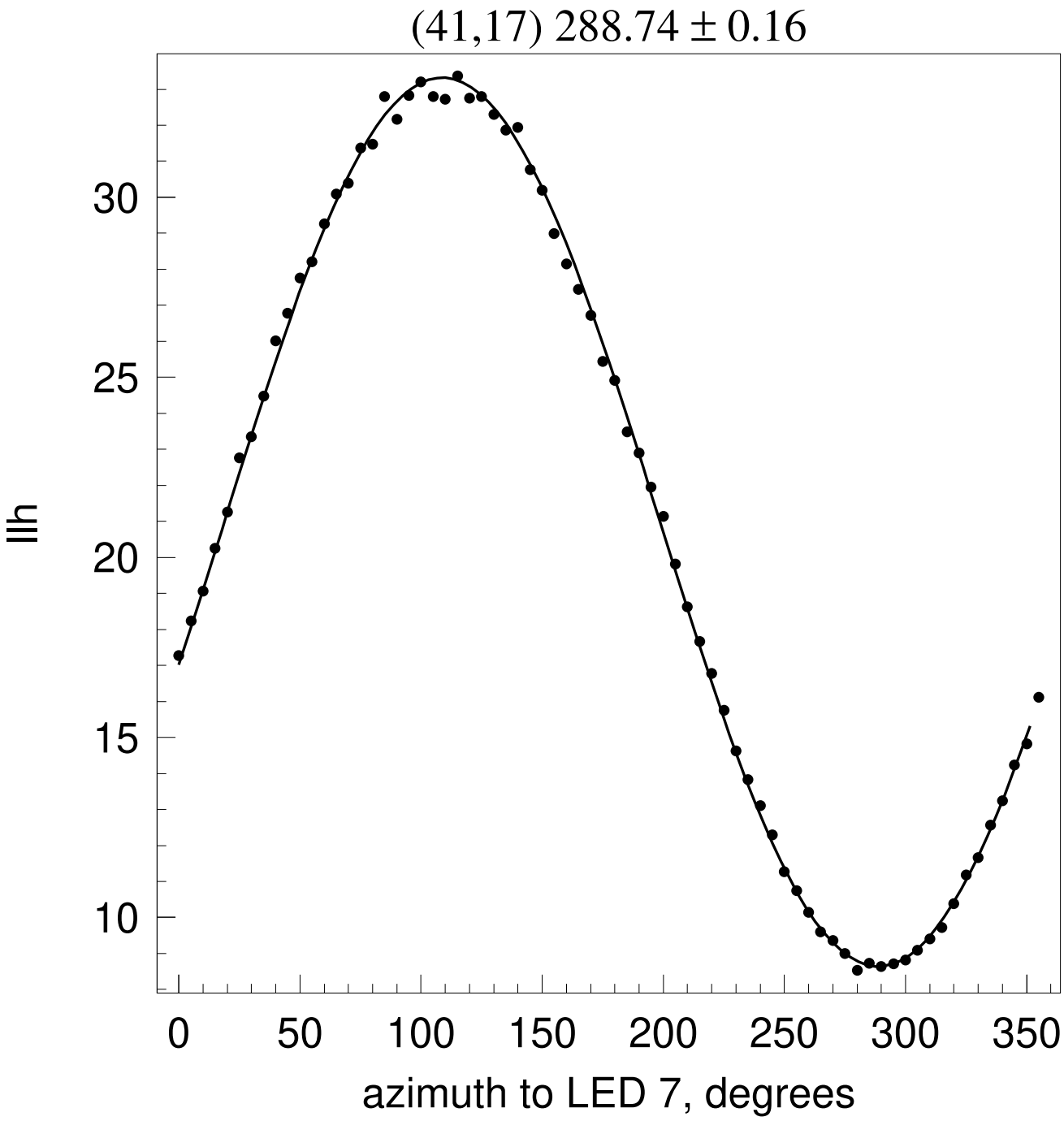

(41,12) 256.60 ± 0.25
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

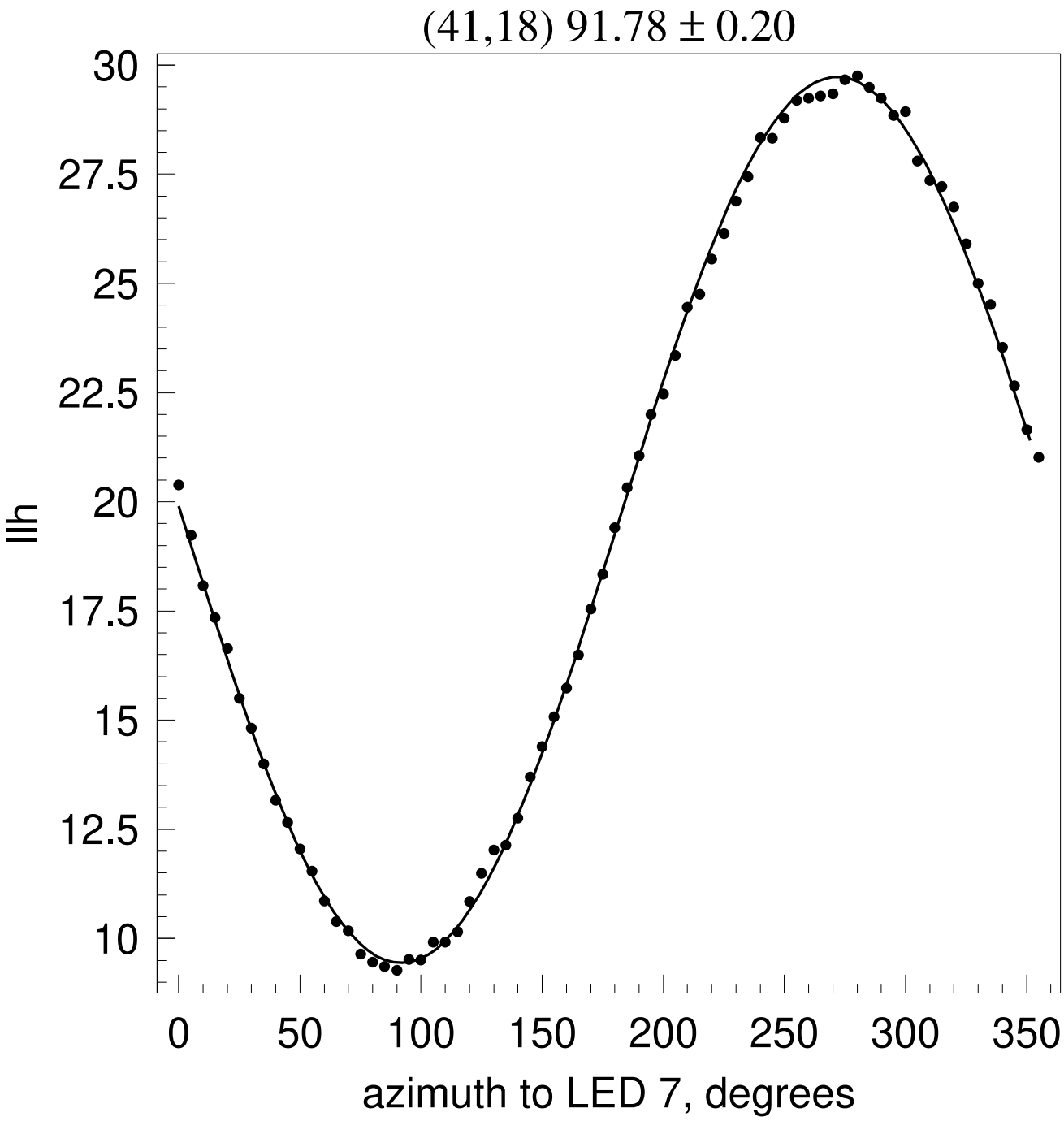

(41,13) 324.74 ± 0.19
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

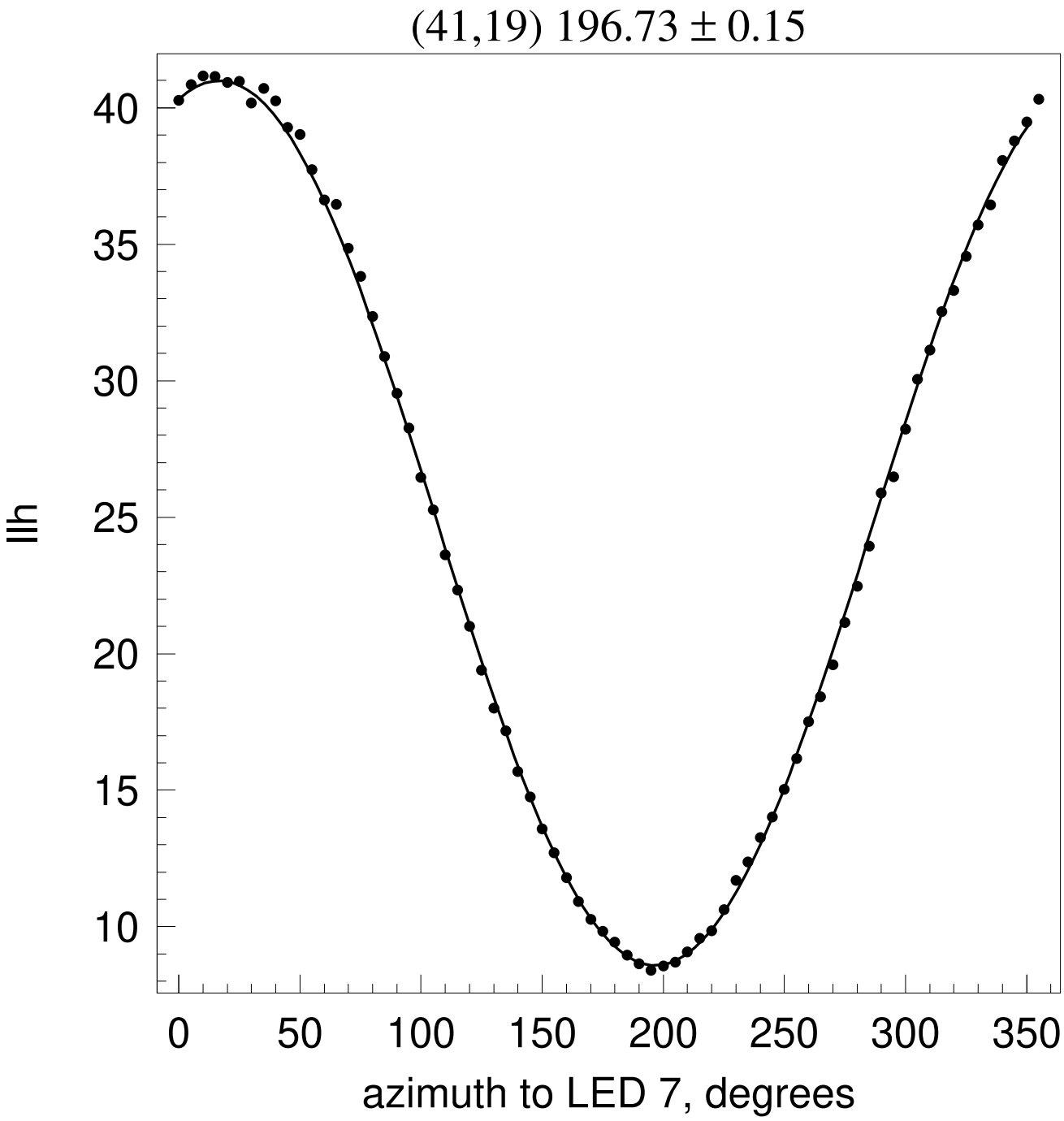

(41,14) 21.70 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

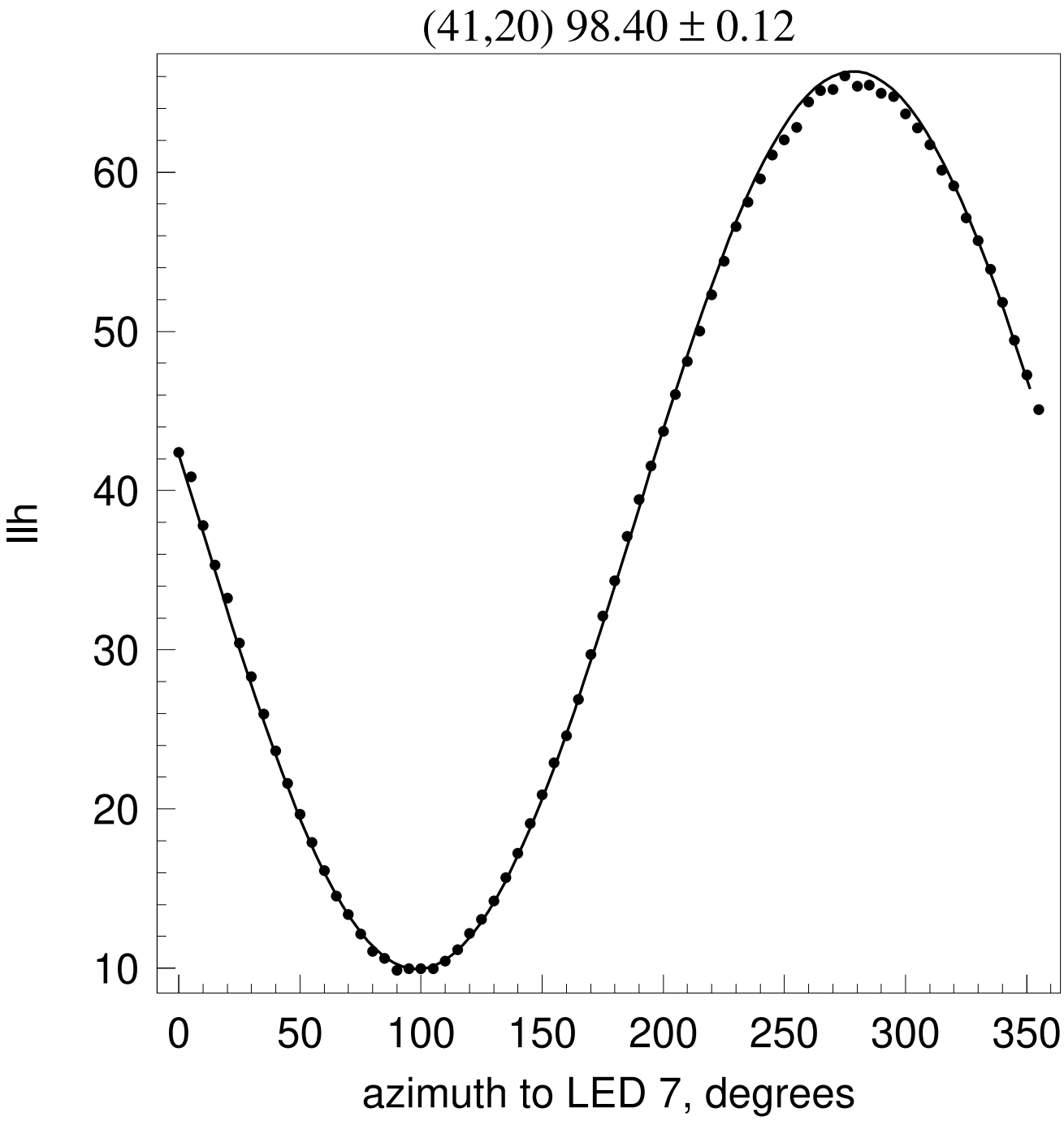

(41,15) 204.69 ± 0.19
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

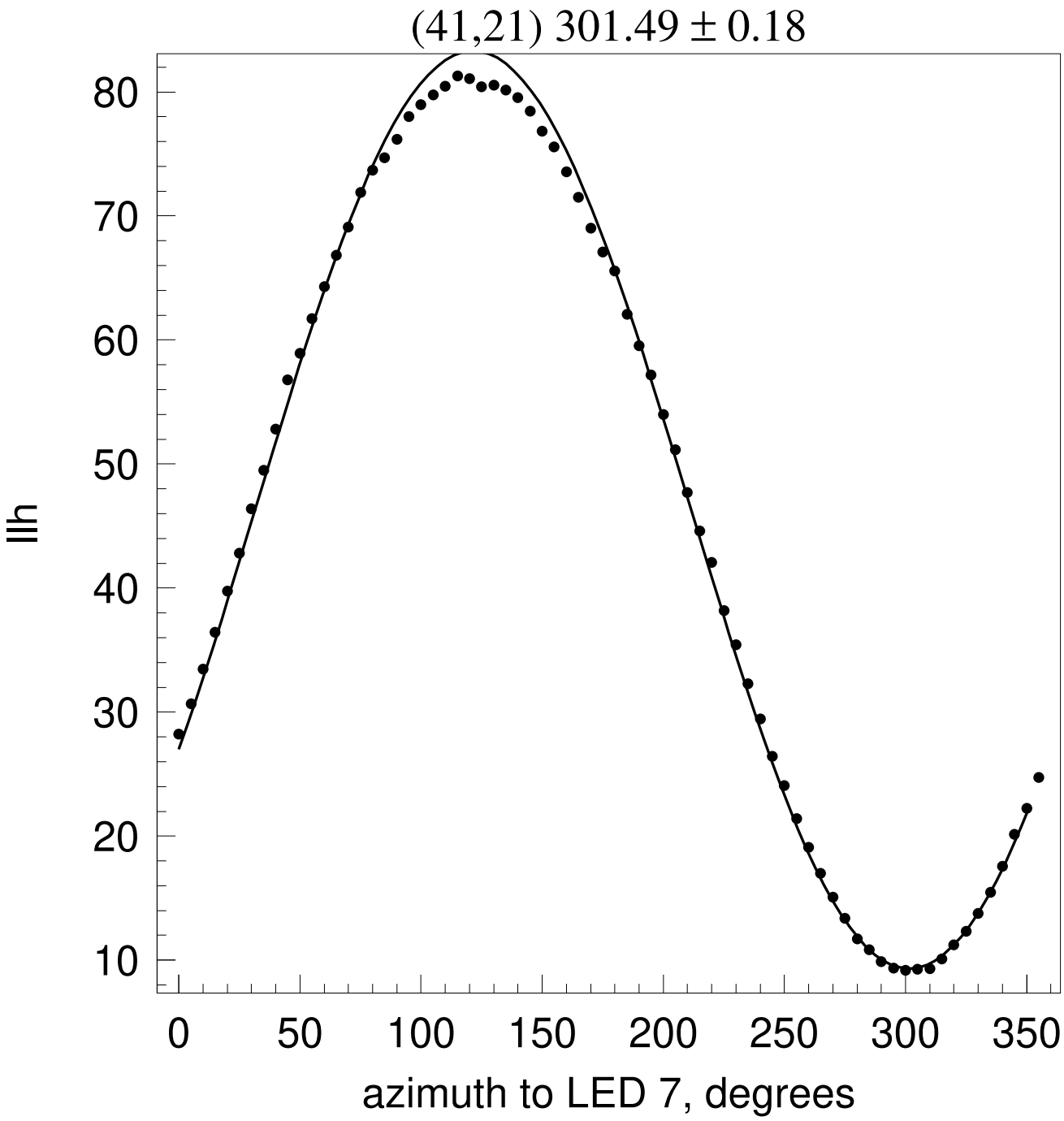

(41,16) 95.31 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

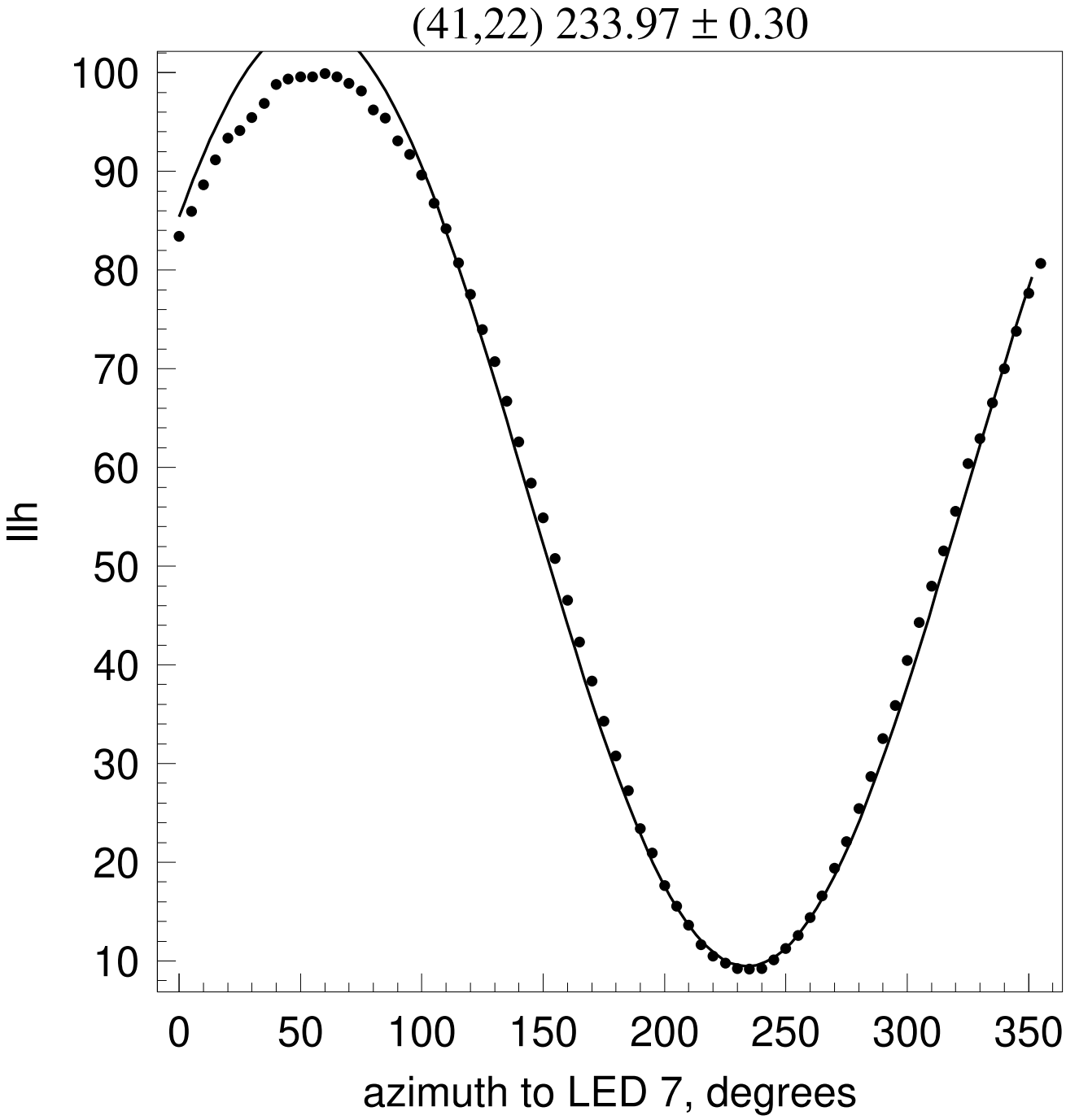

(41,17) 288.74 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

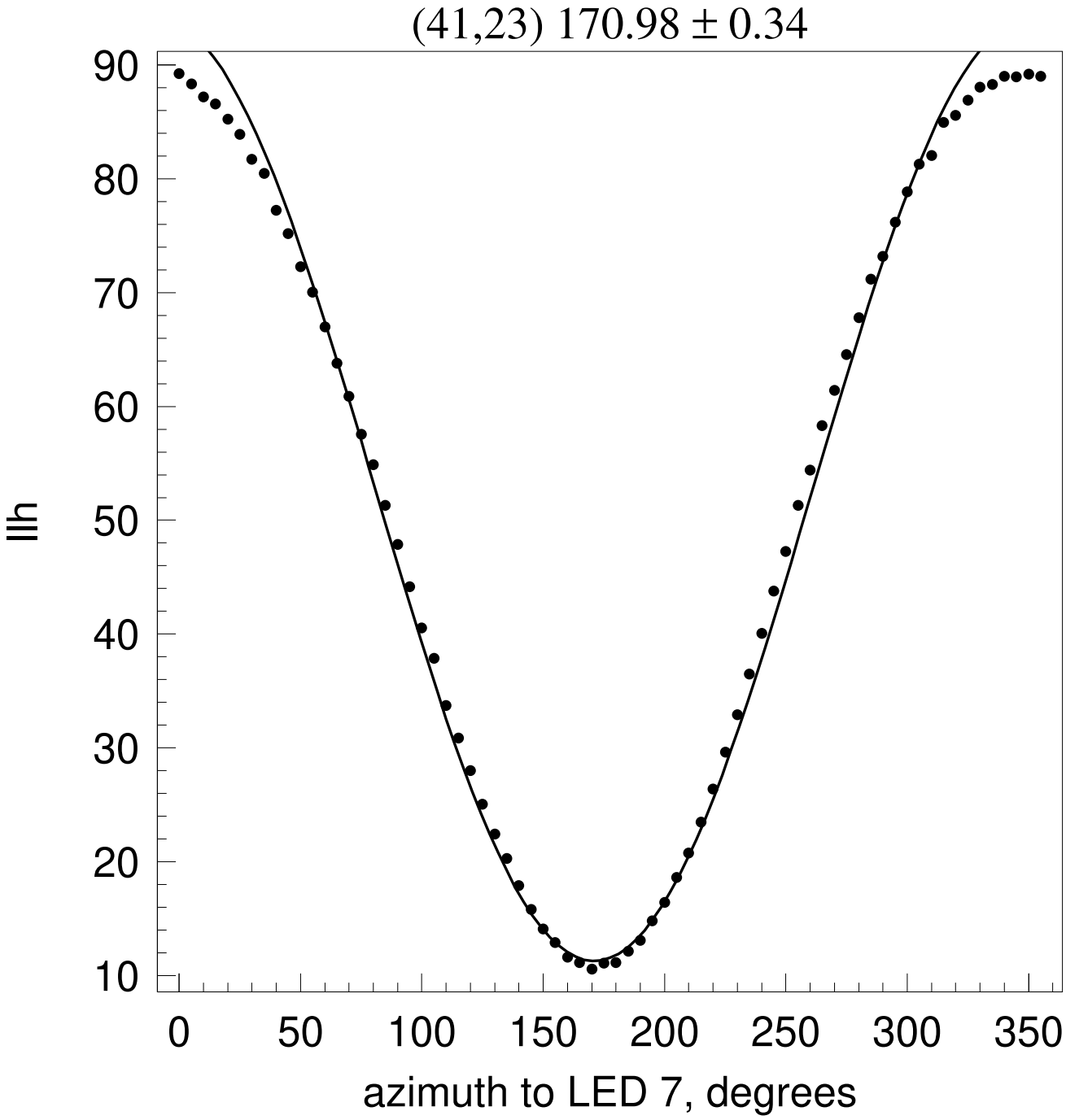

(41,18) 91.78 ± 0.20
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

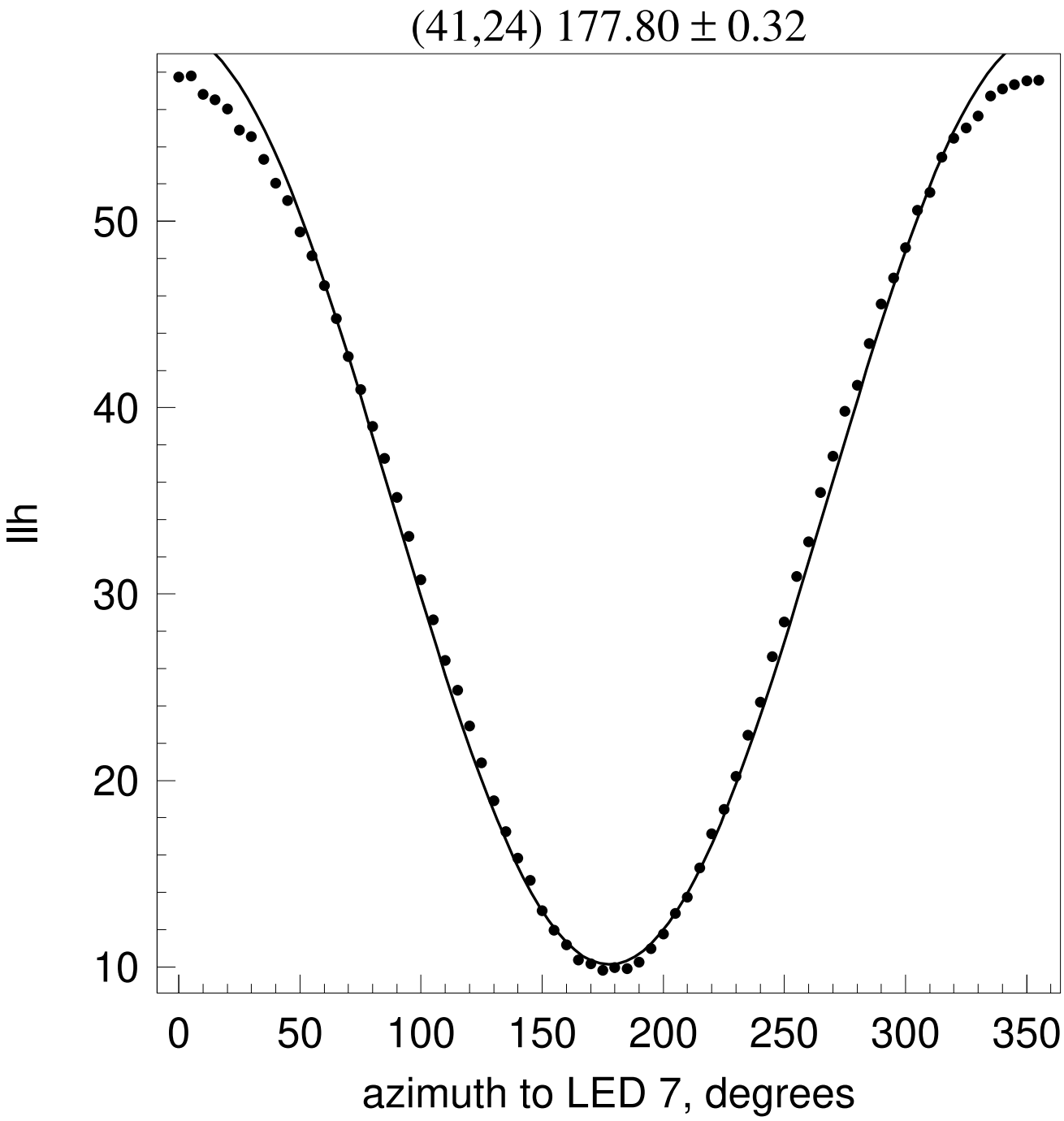

(41,19) 196.73 ± 0.15
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

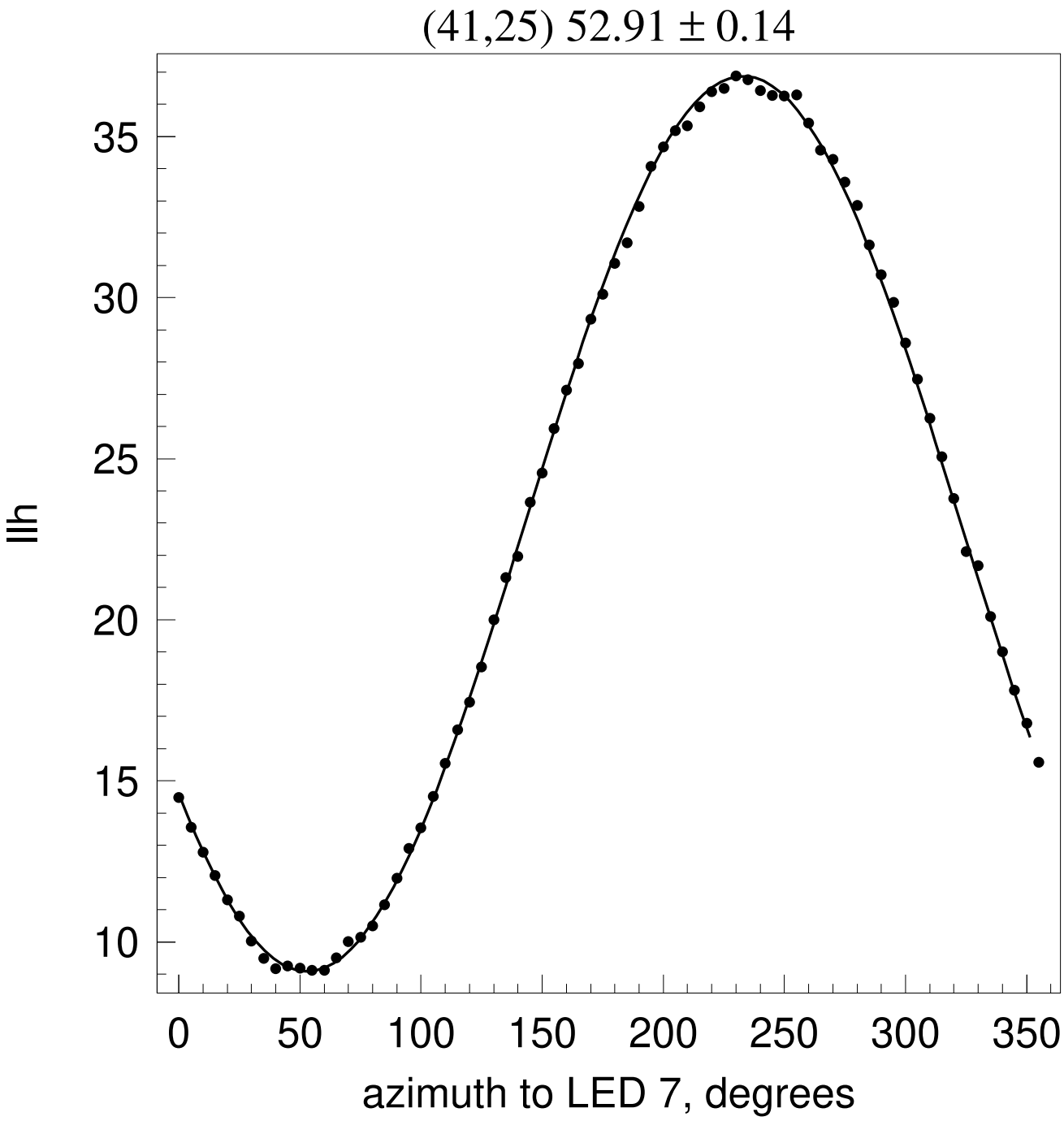

(41,20) 98.40 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

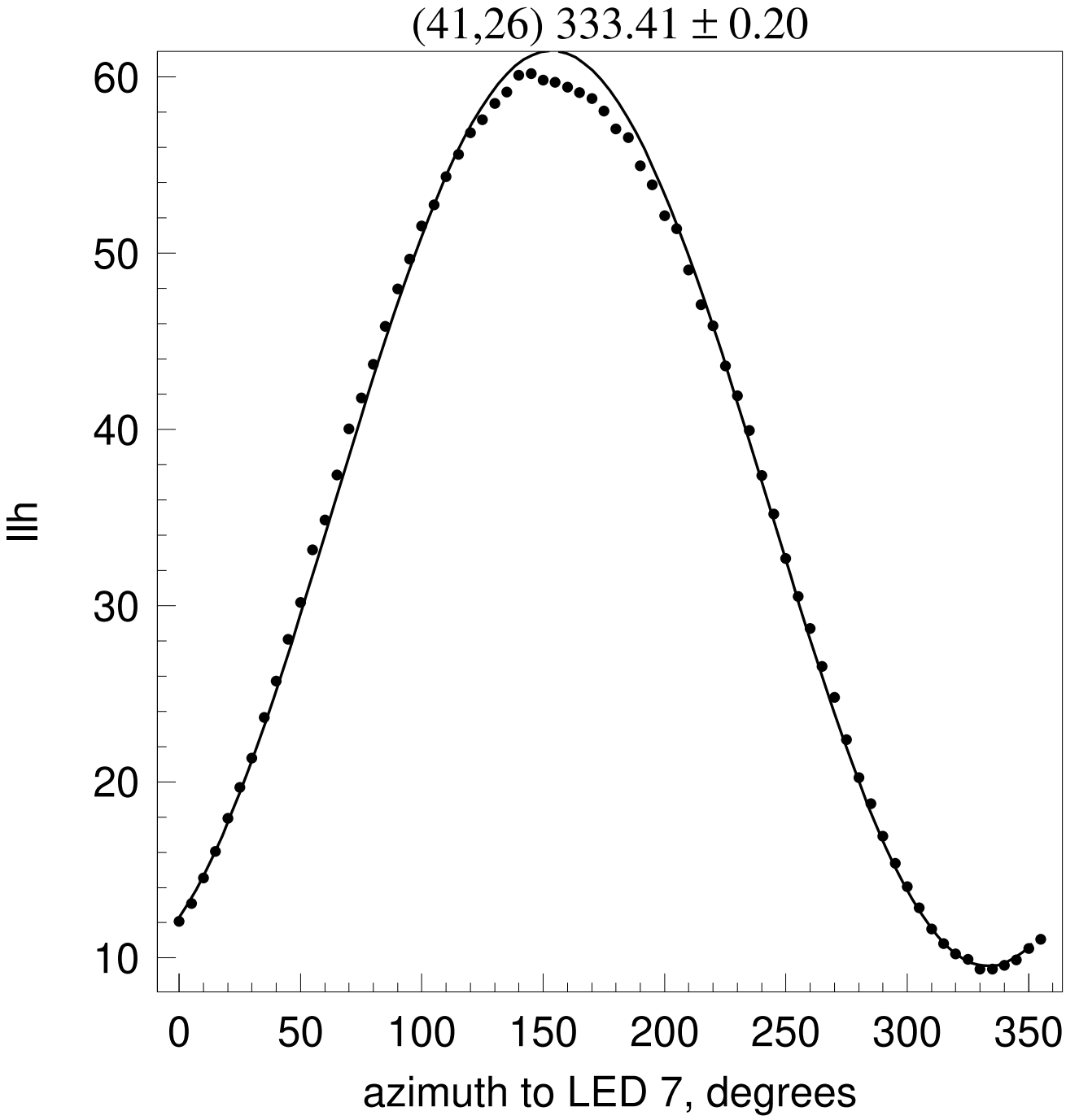

(41,21) 301.49 ± 0.18
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

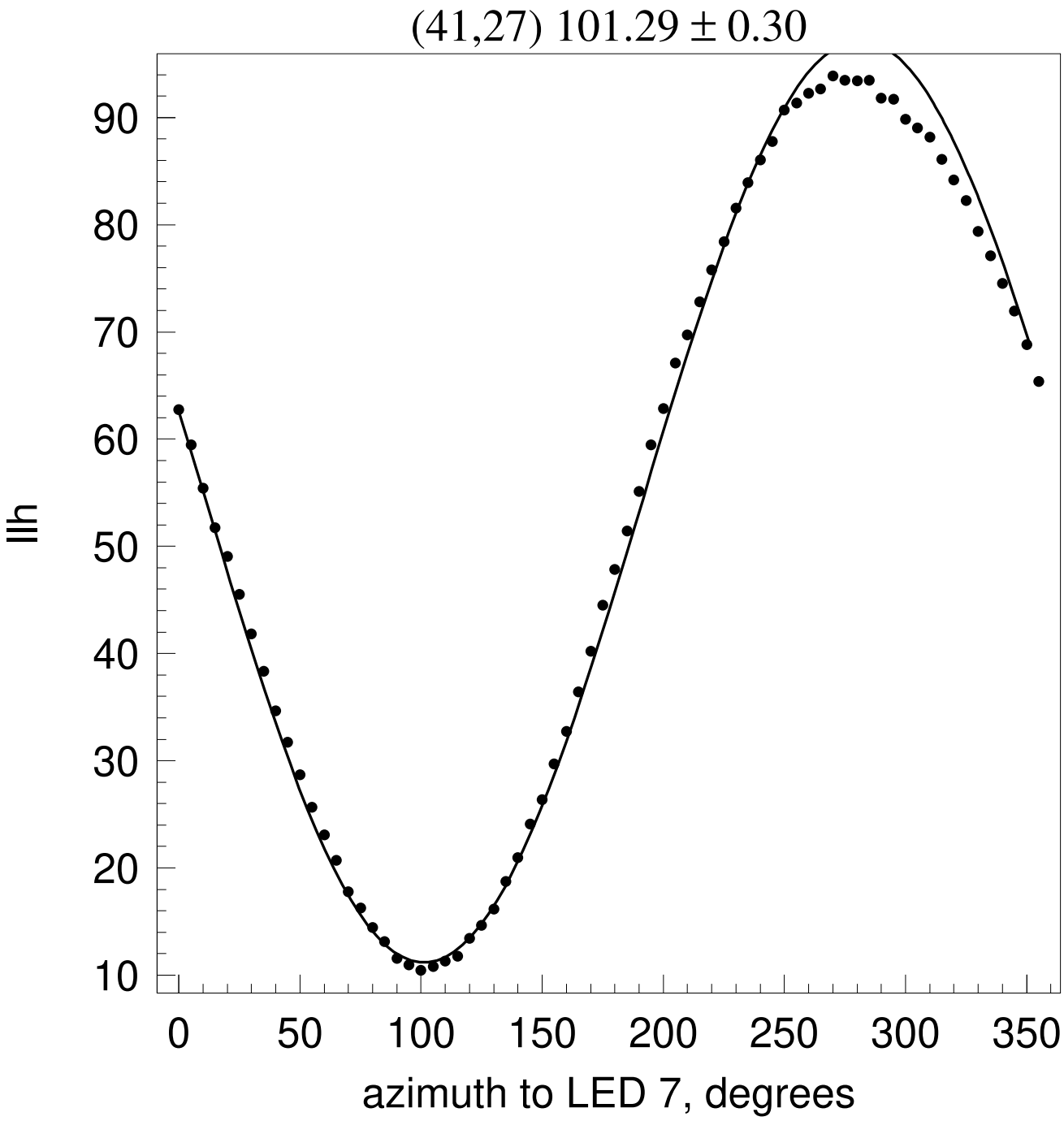

(41,22) 233.97 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

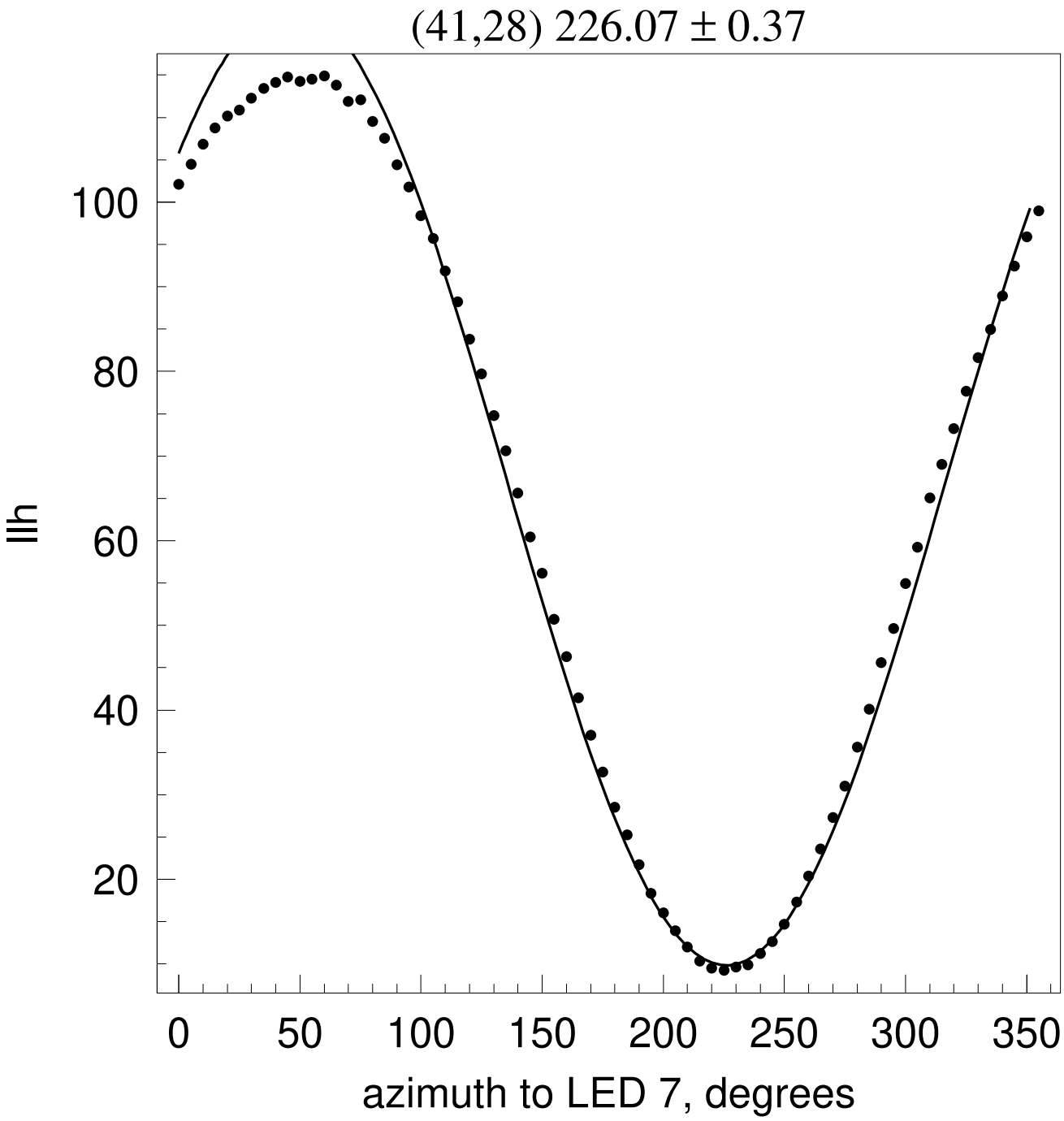

(41,23) 170.98 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

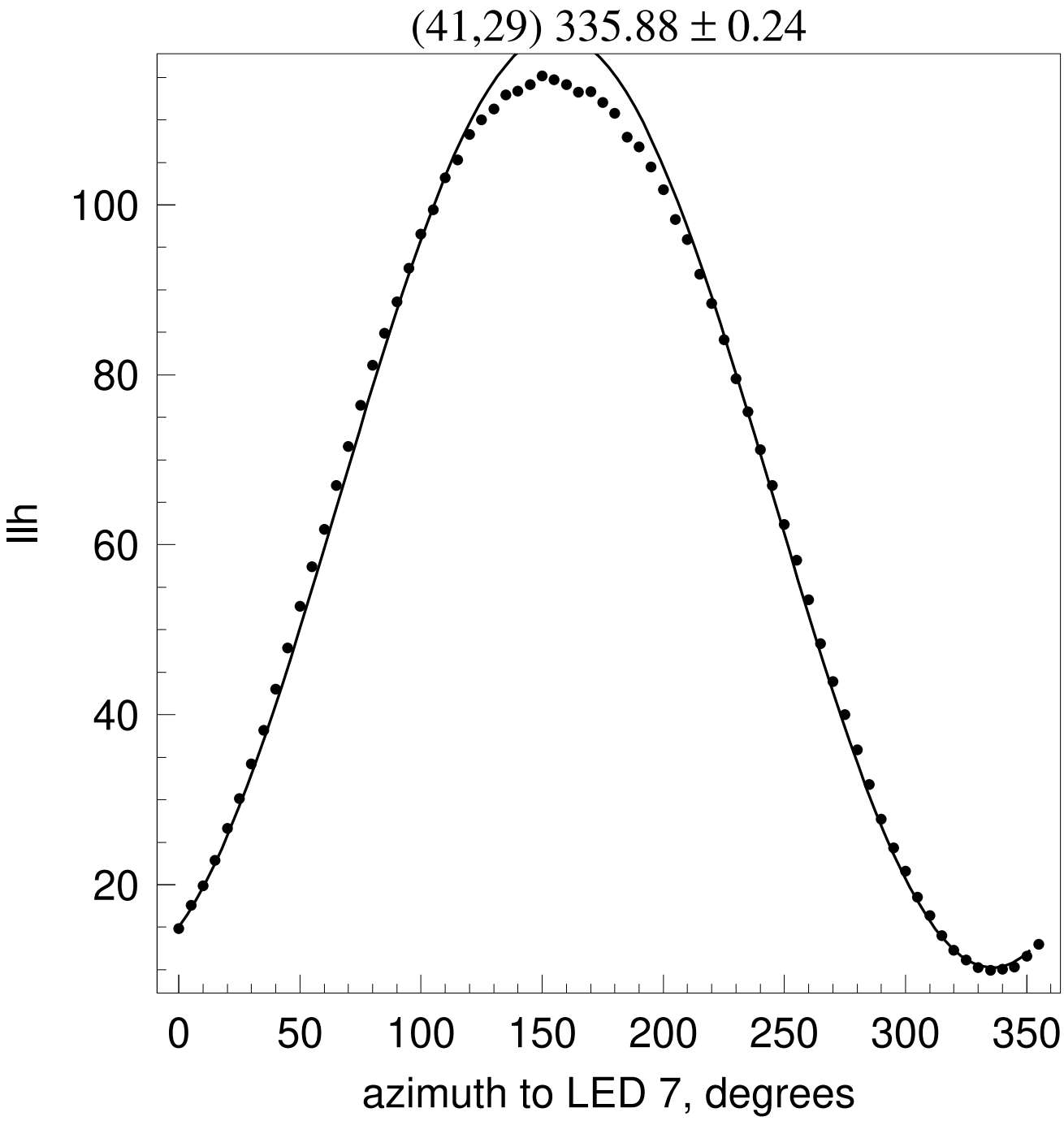

(41,24) 177.80 ± 0.32
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

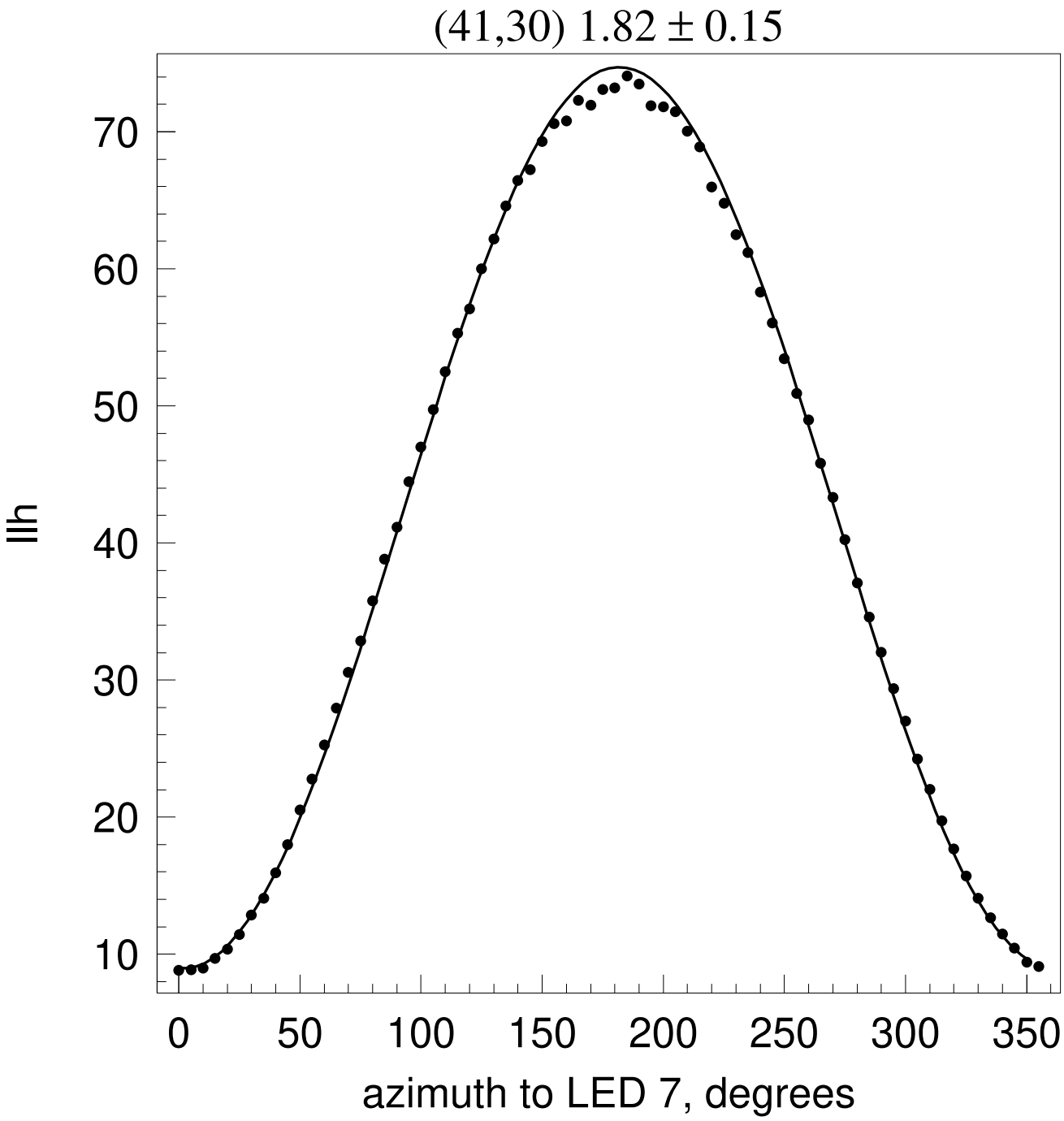

(41,25) 52.91 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

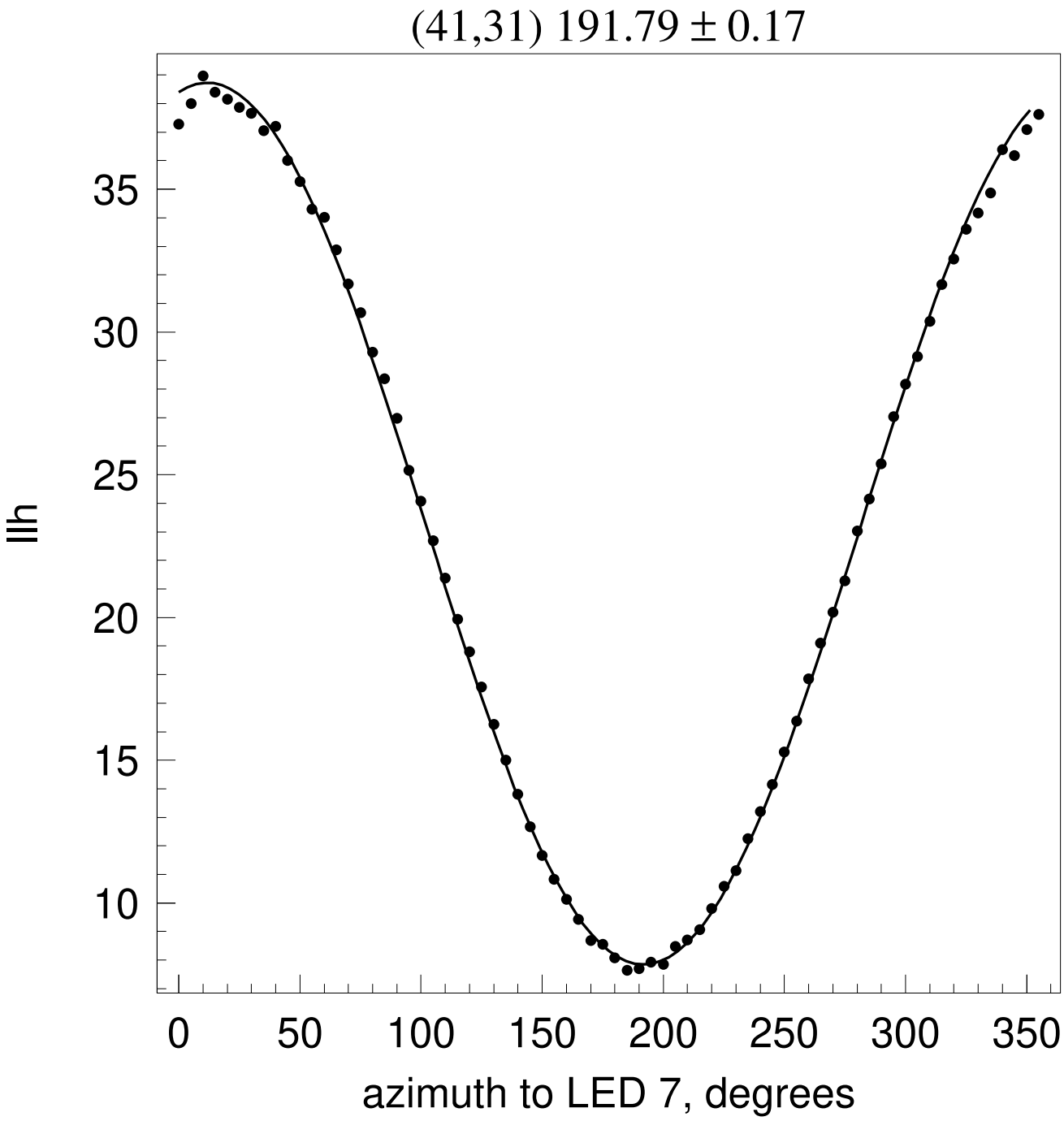

(41,26) 333.41 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

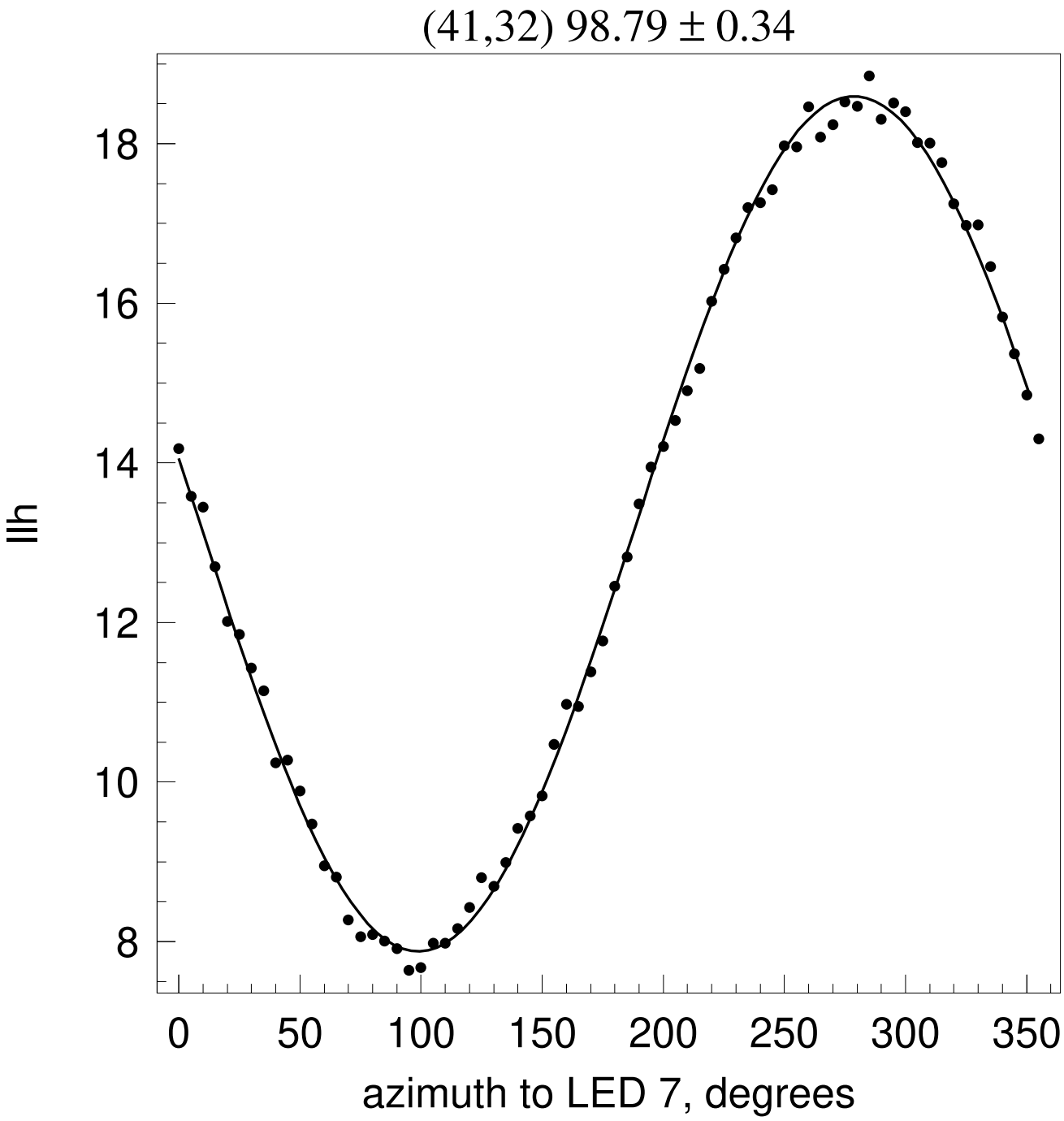

(41,27) 101.29 ± 0.30
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

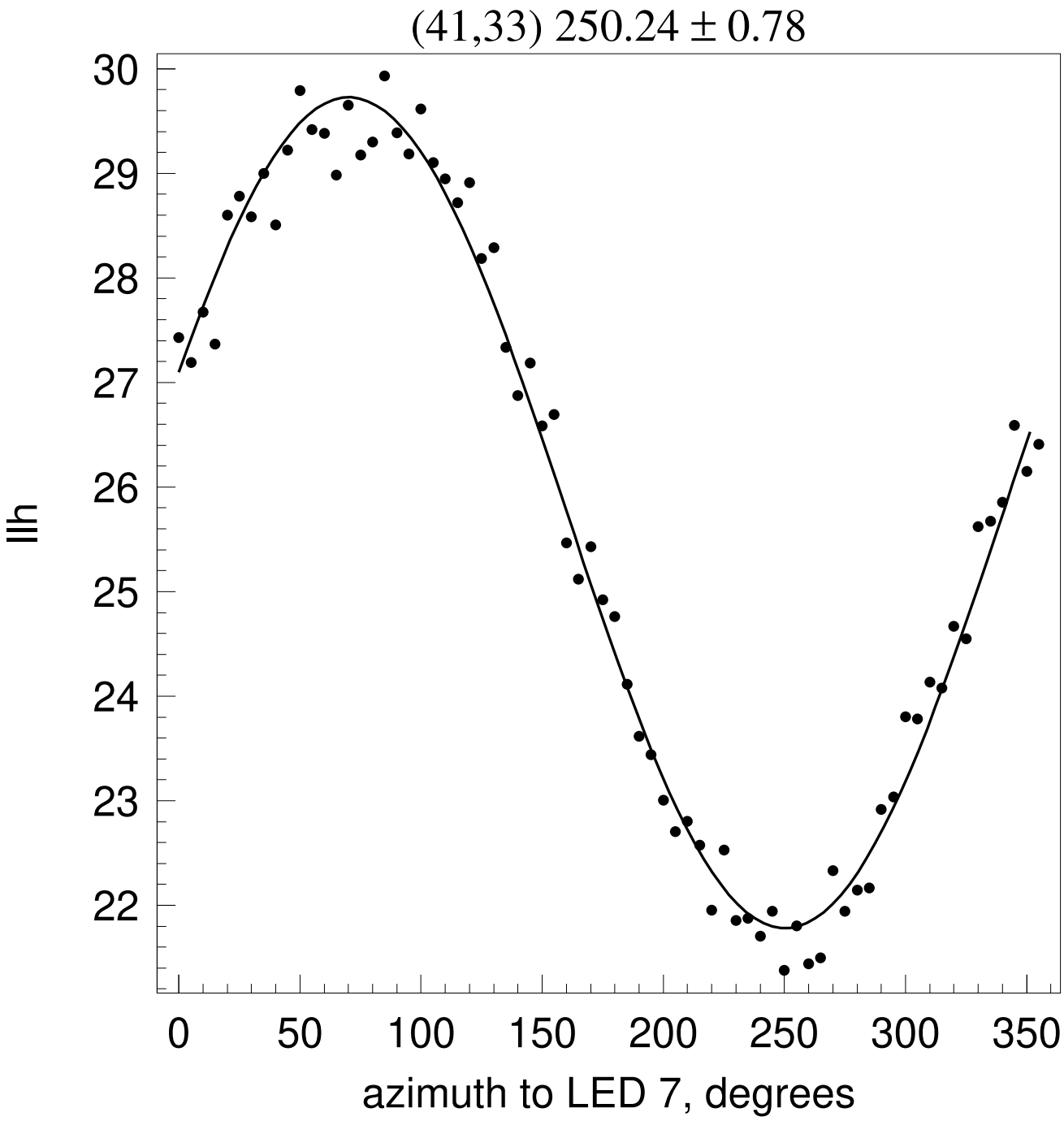

(41,28) 226.07 ± 0.37
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

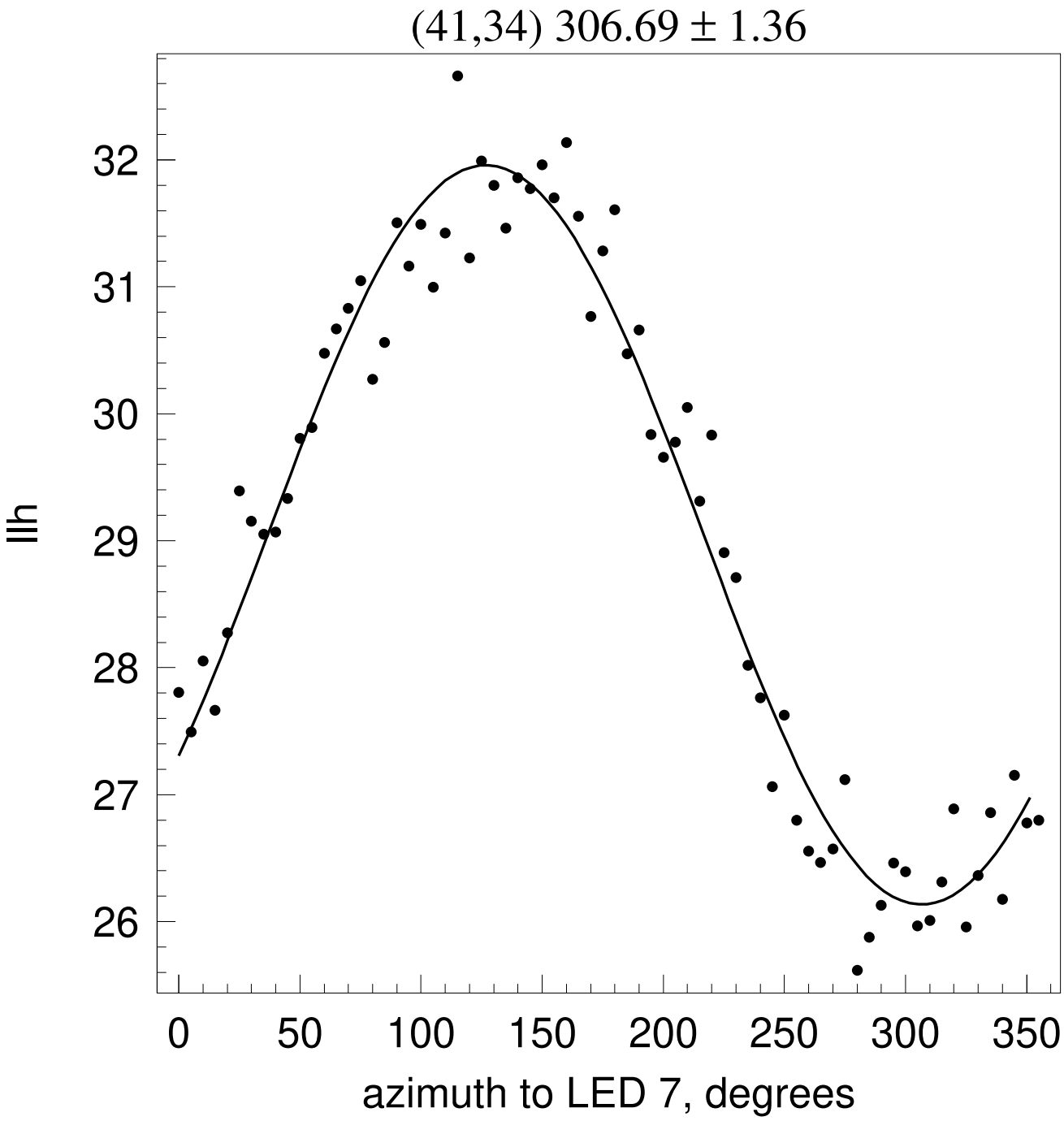

(41,29) 335.88 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

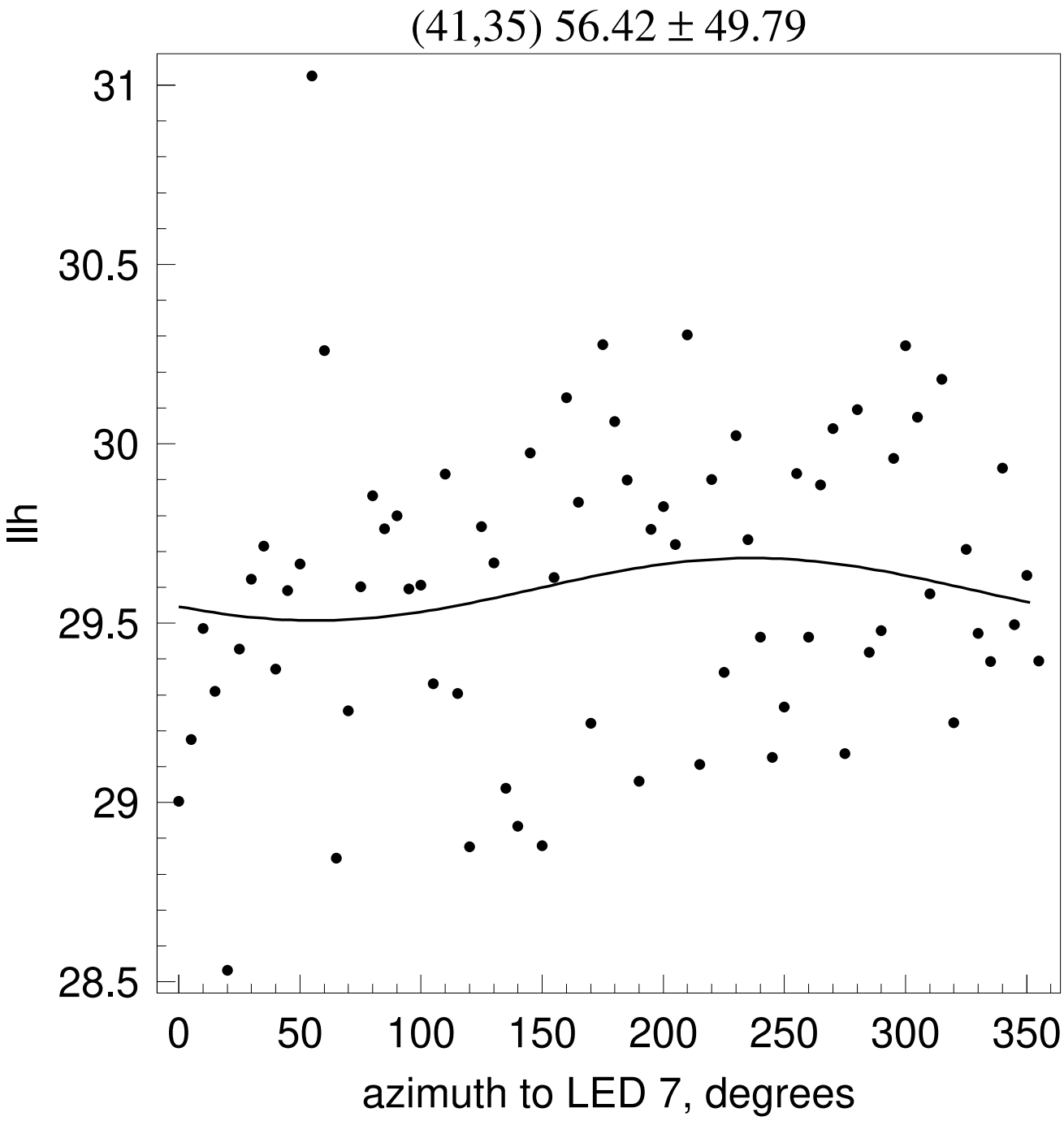

(41,30) 1.82 ± 0.15
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

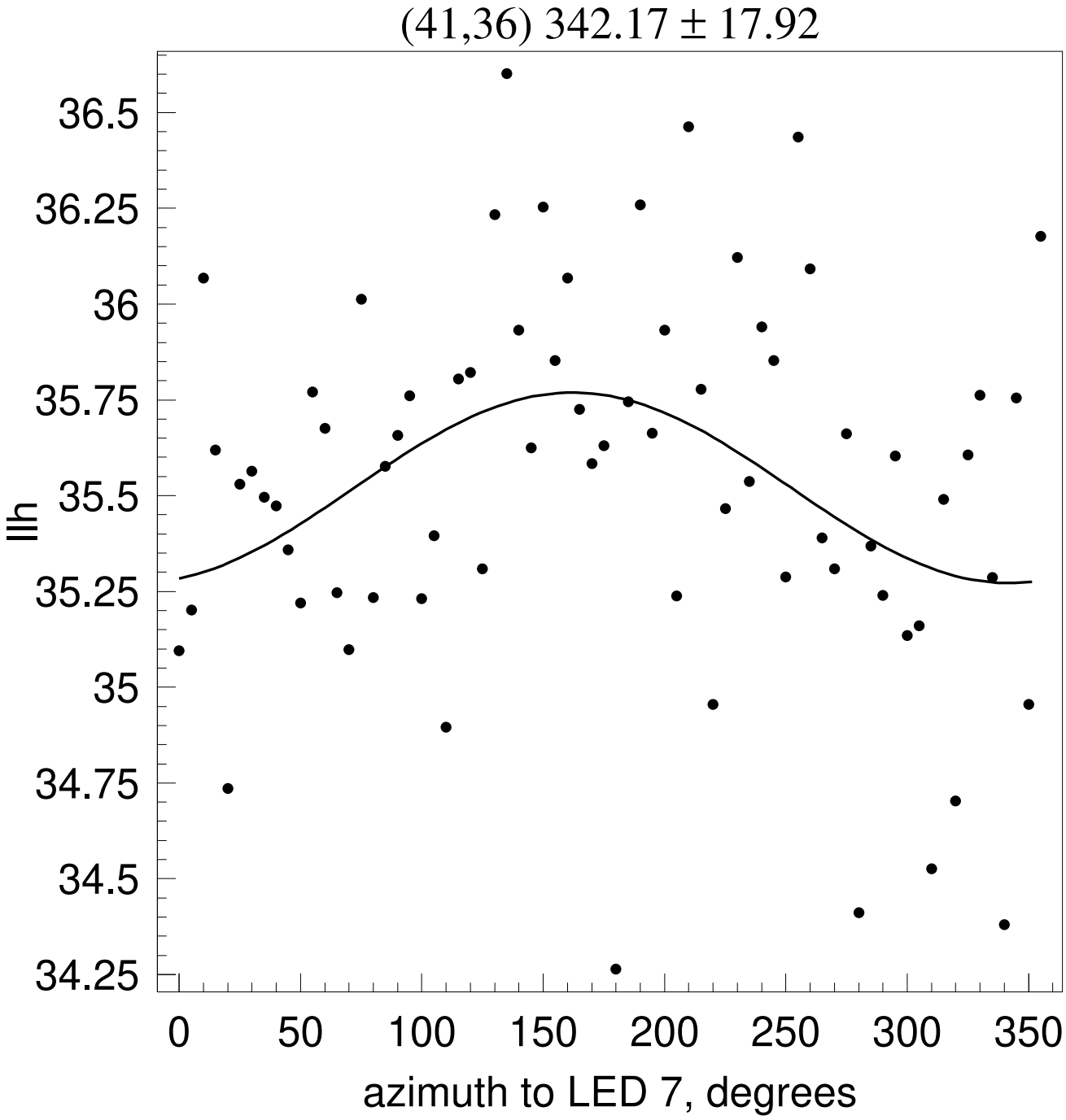

(41,31) 191.79 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

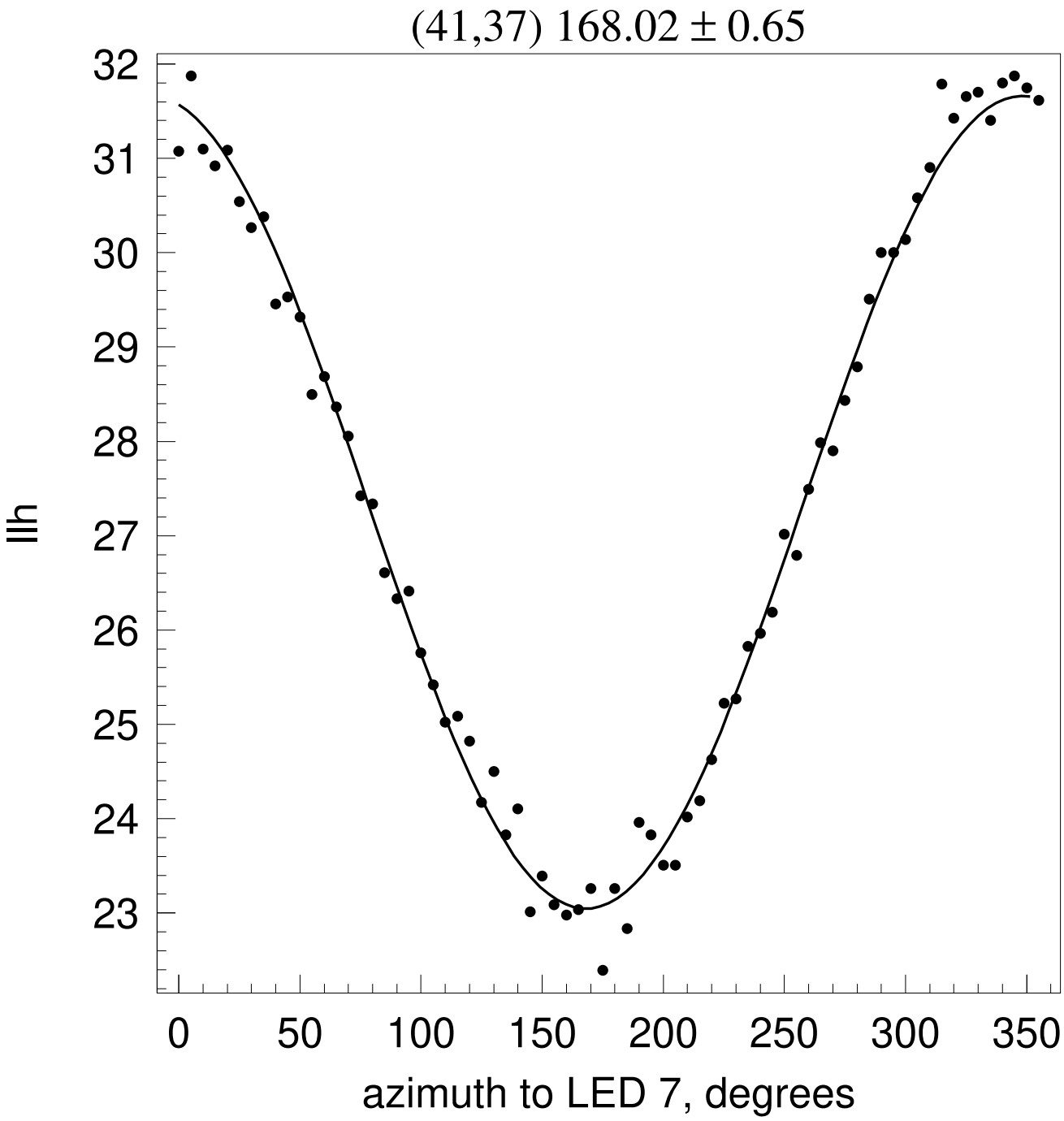

(41,32) 98.79 ± 0.34
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

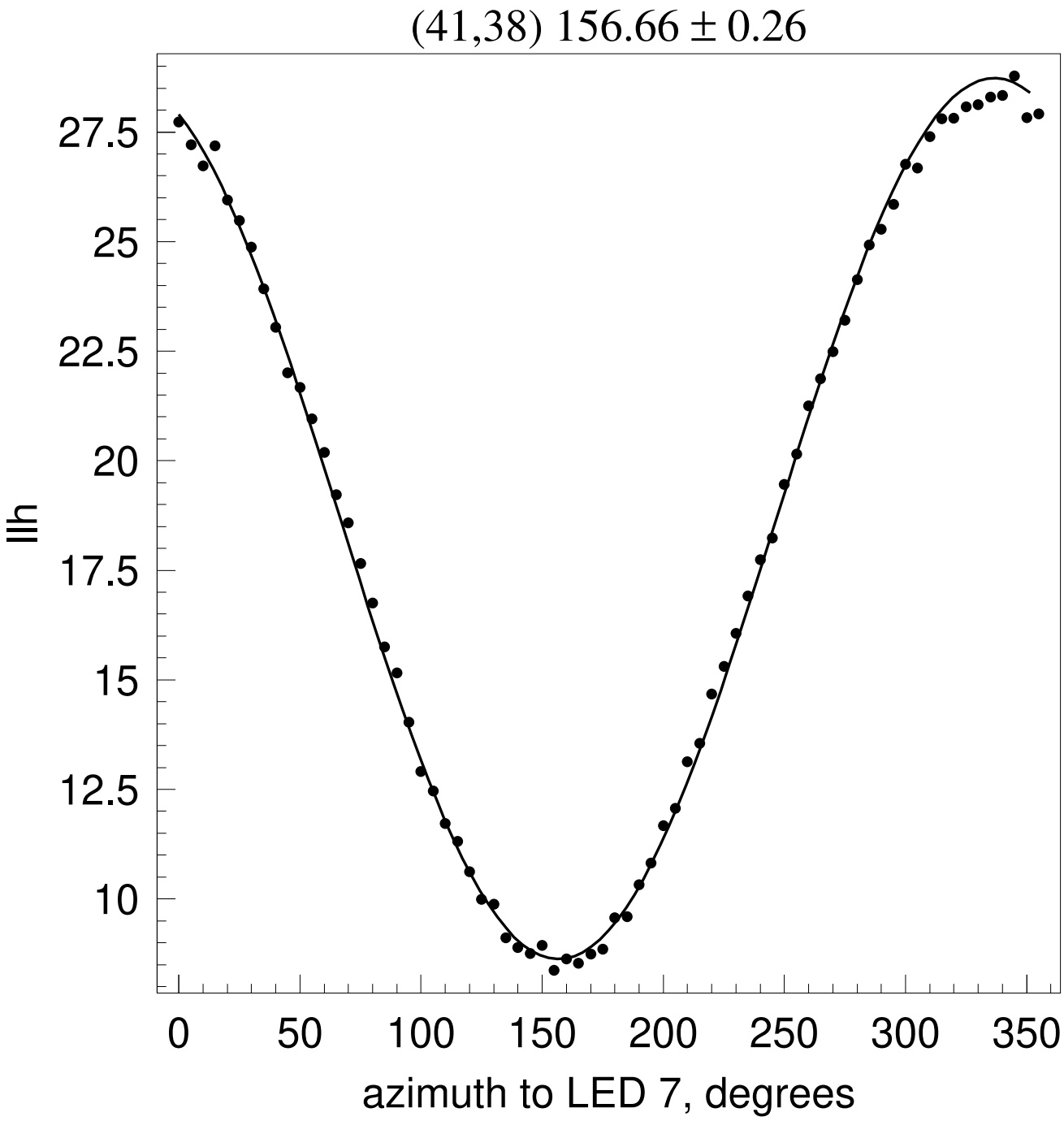

(41,33) 250.24 ± 0.78
30
29
28
27
26
25
24
23
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

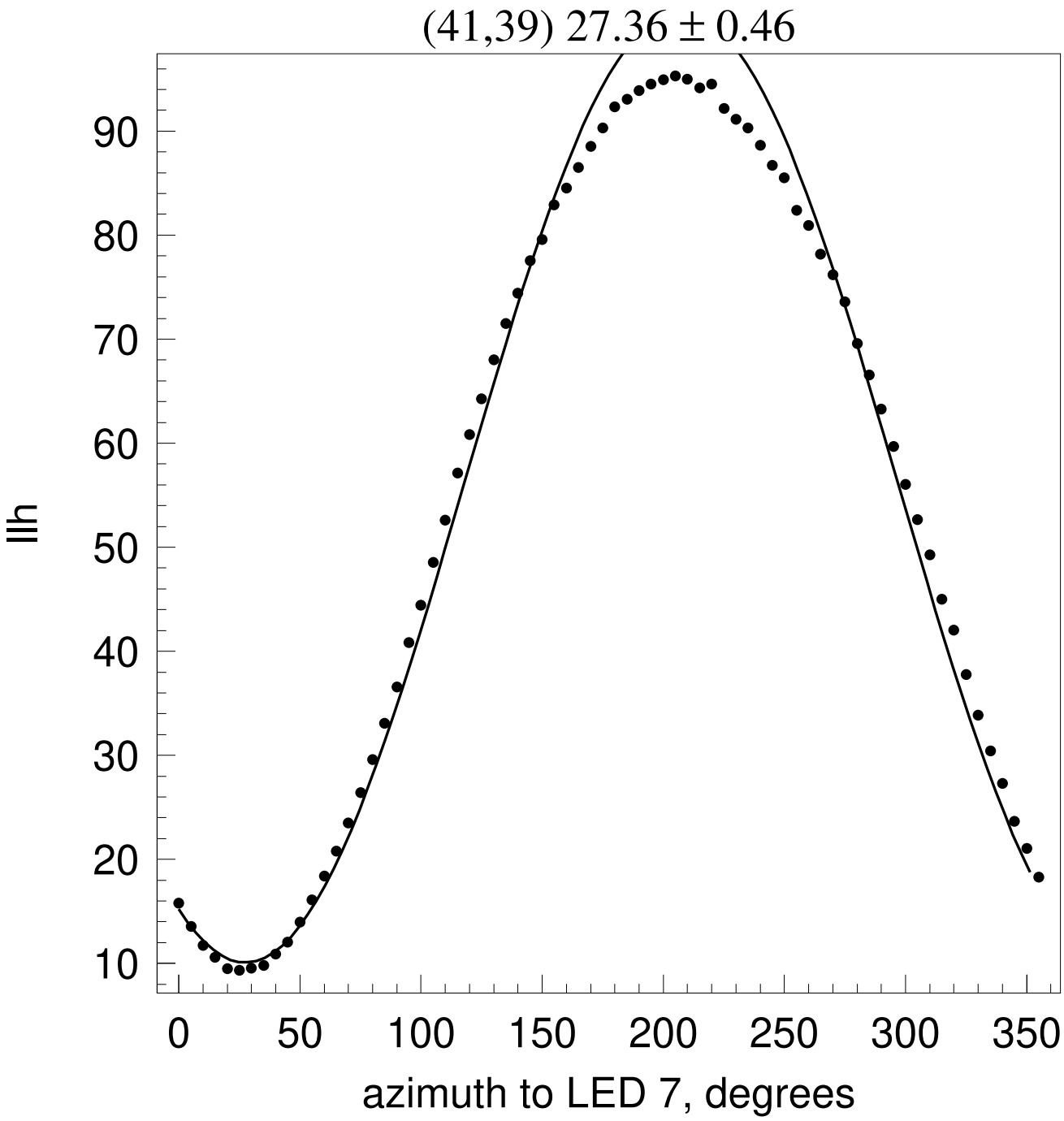

(41,34) 306.69 ± 1.36
32
31
30
29
28
27
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

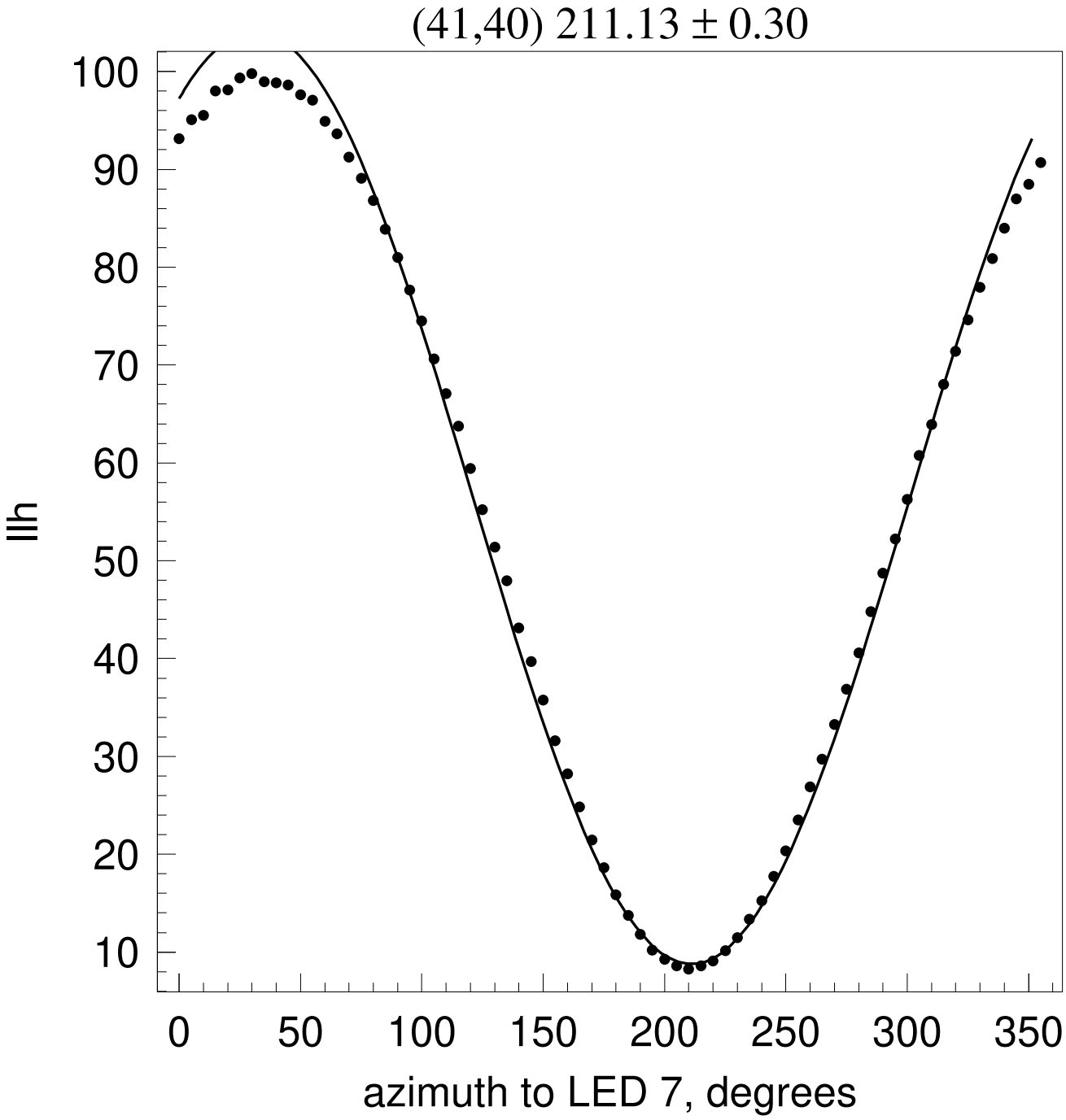

(41,35) 56.42 ± 49.79
31
30.5
30
29.5
29
28.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

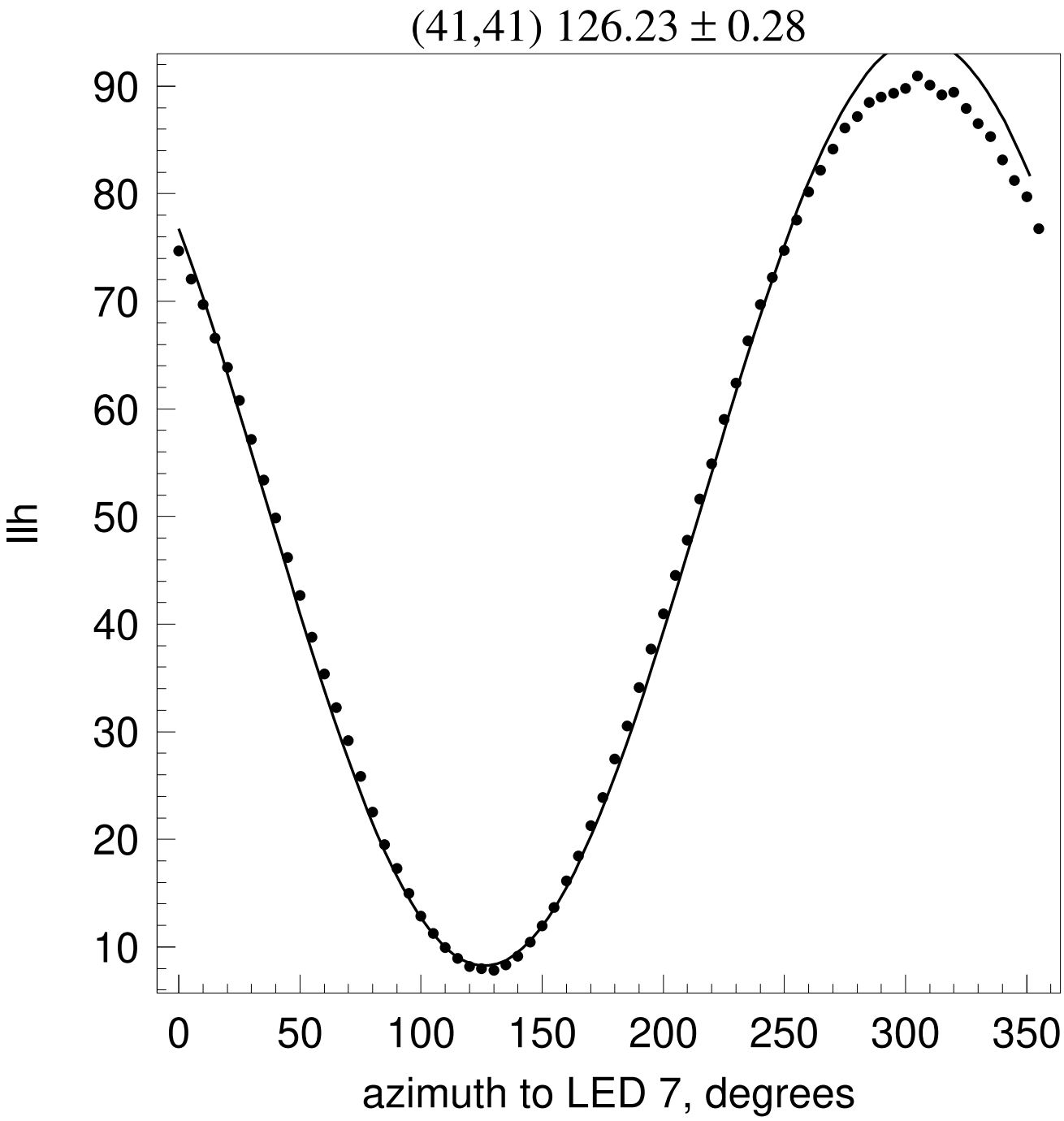

(41,36) 342.17 ± 17.92
36.5
36.25
36
35.75
35.5
35.25
35
34.75
34.5
34.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

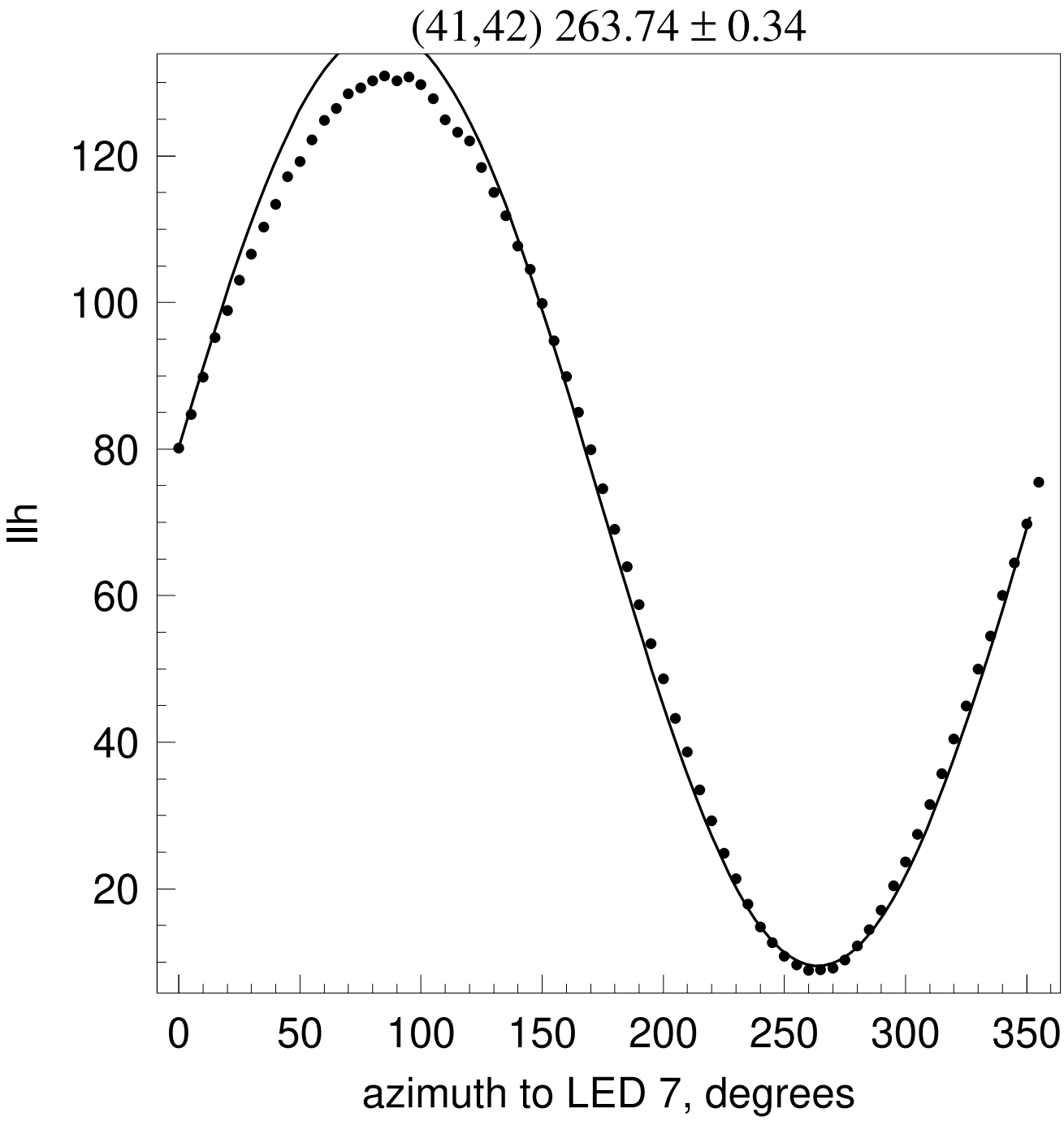

(41,37) 168.02 ± 0.65
32
31
30
29
28
27
26
25
24
23
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

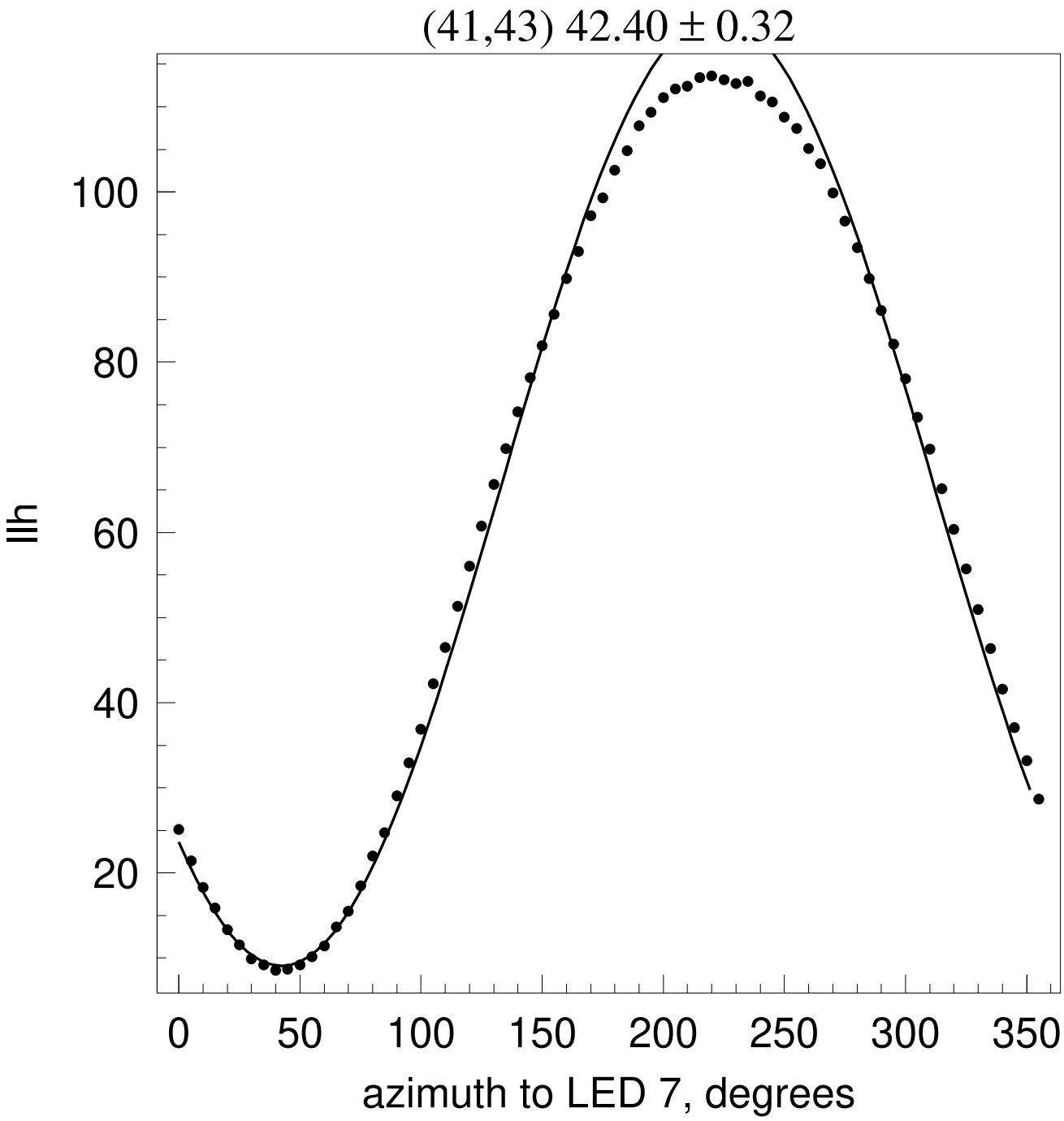

(41,38) 156.66 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

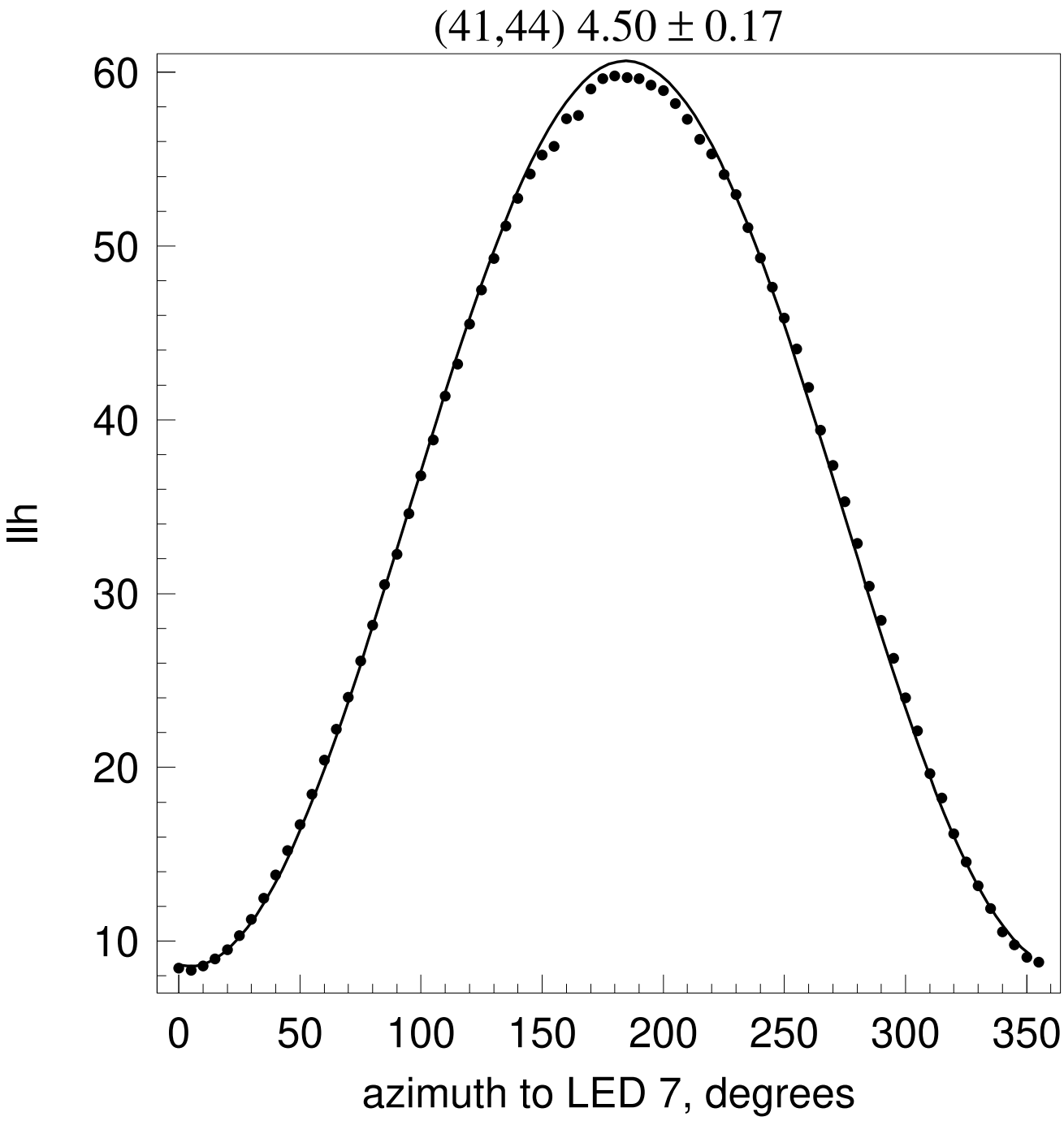

(41,39) 27.36 ± 0.46
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

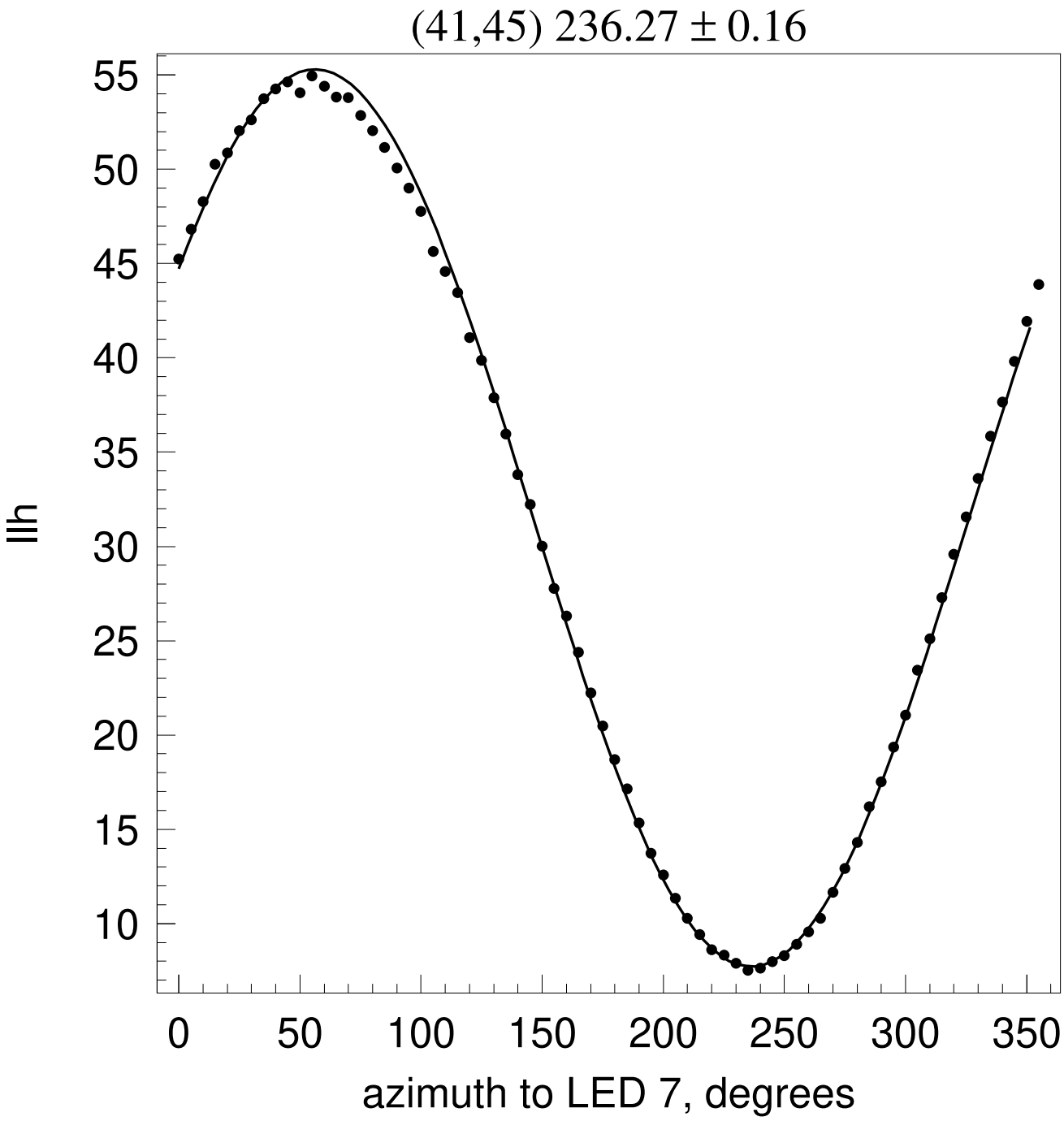

(41,40) 211.13 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

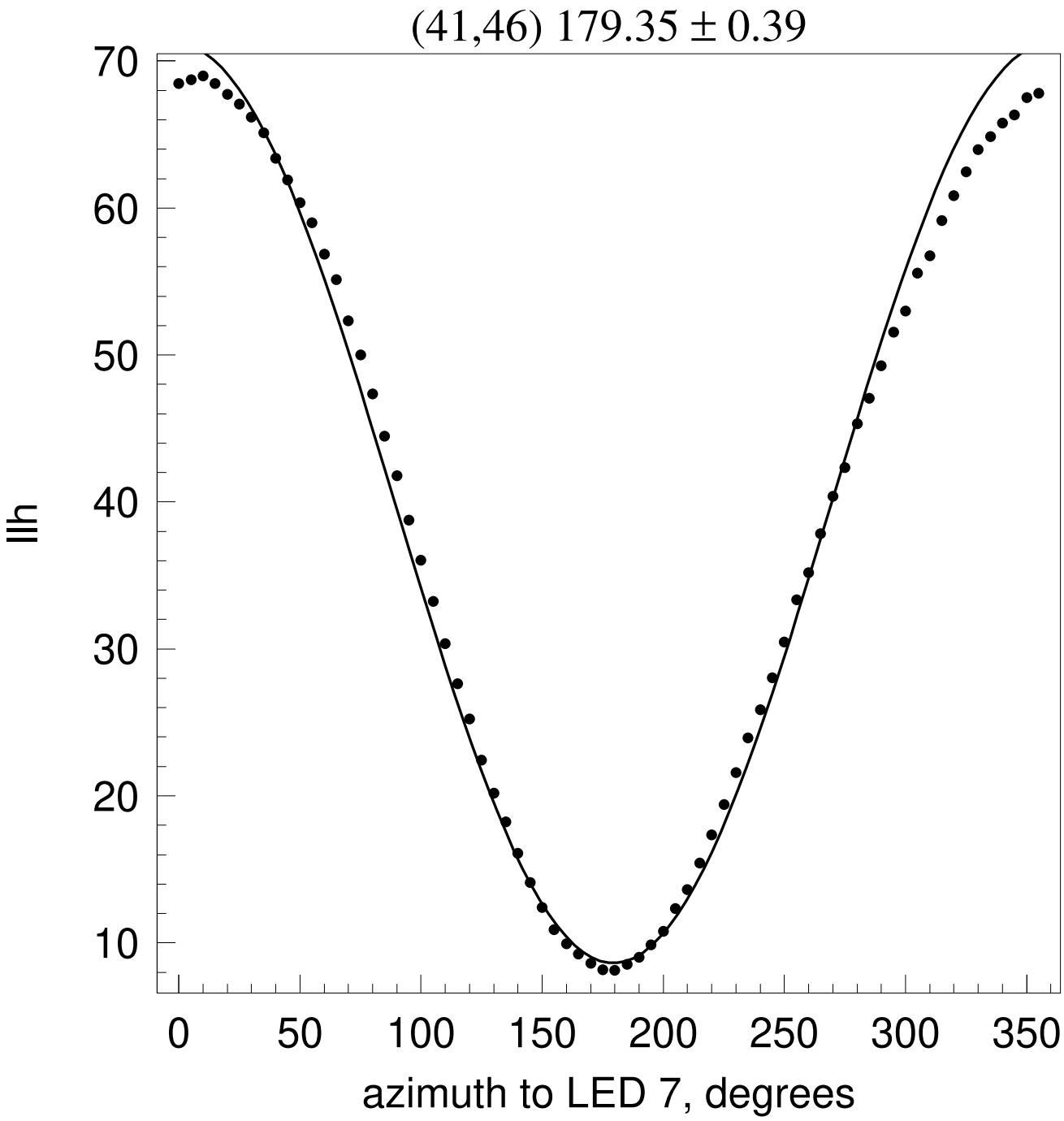

(41,41) 126.23 ± 0.28
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

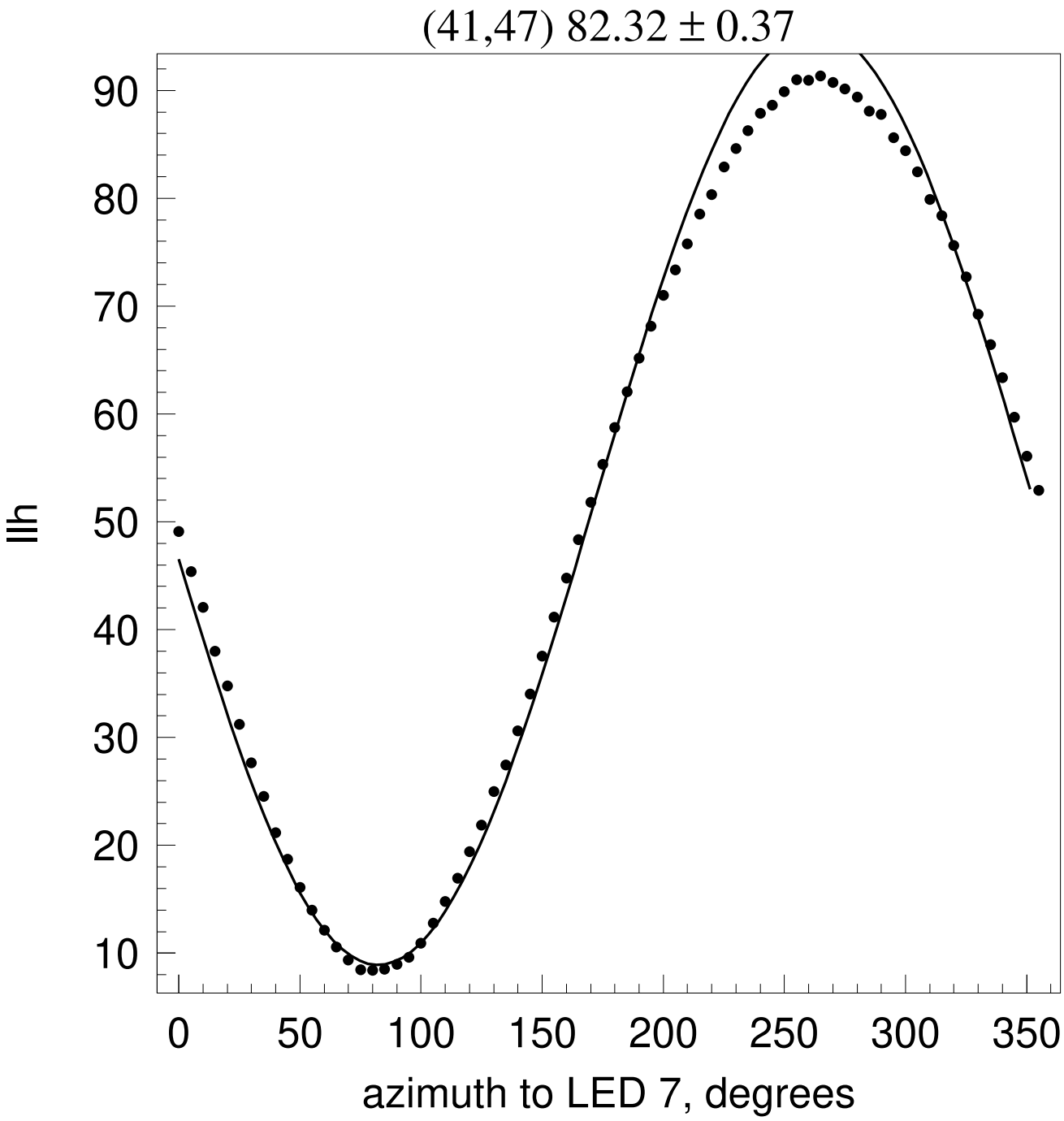

(41,42) 263.74 ± 0.34
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

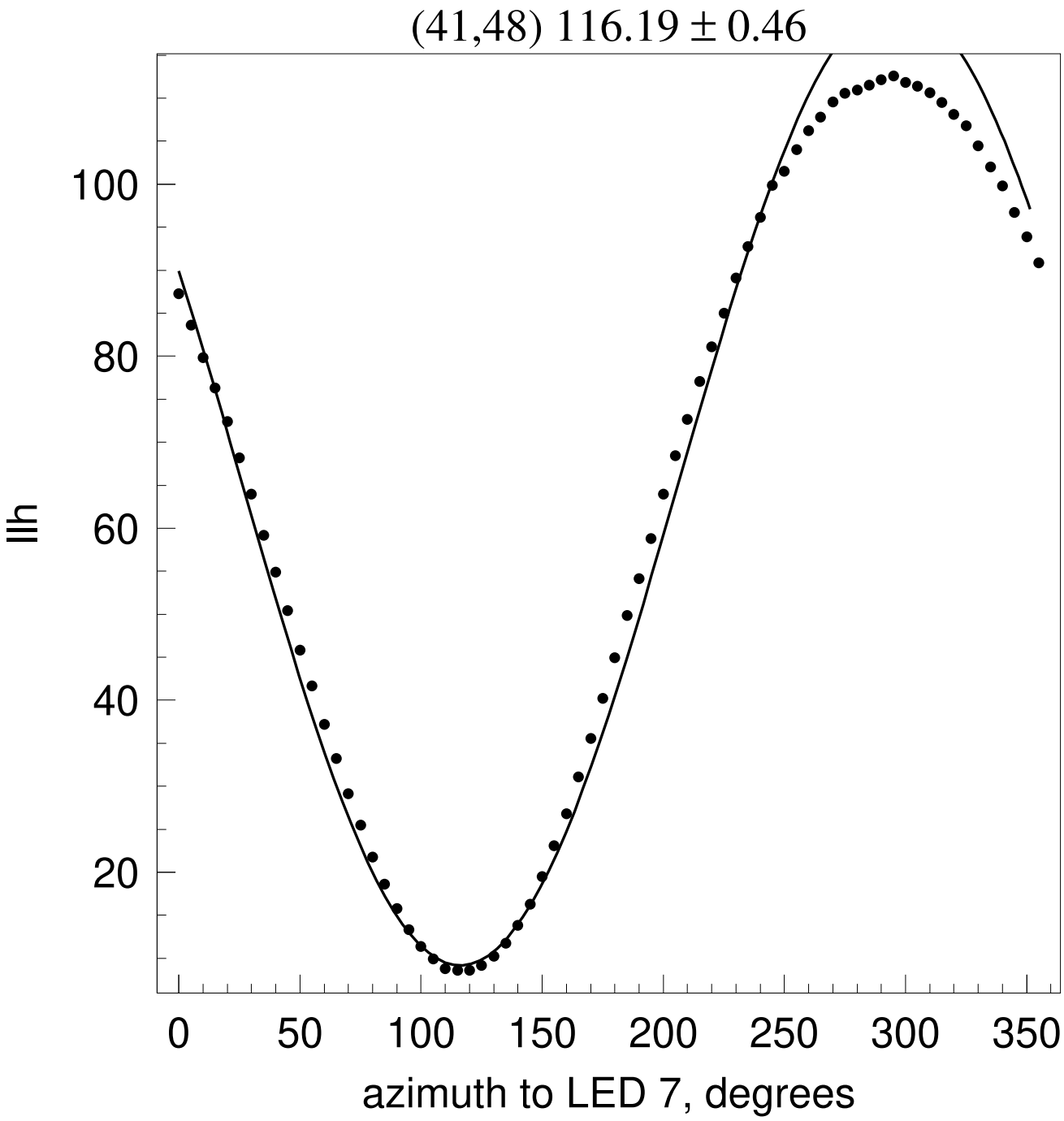

(41,43) 42.40 ± 0.32
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

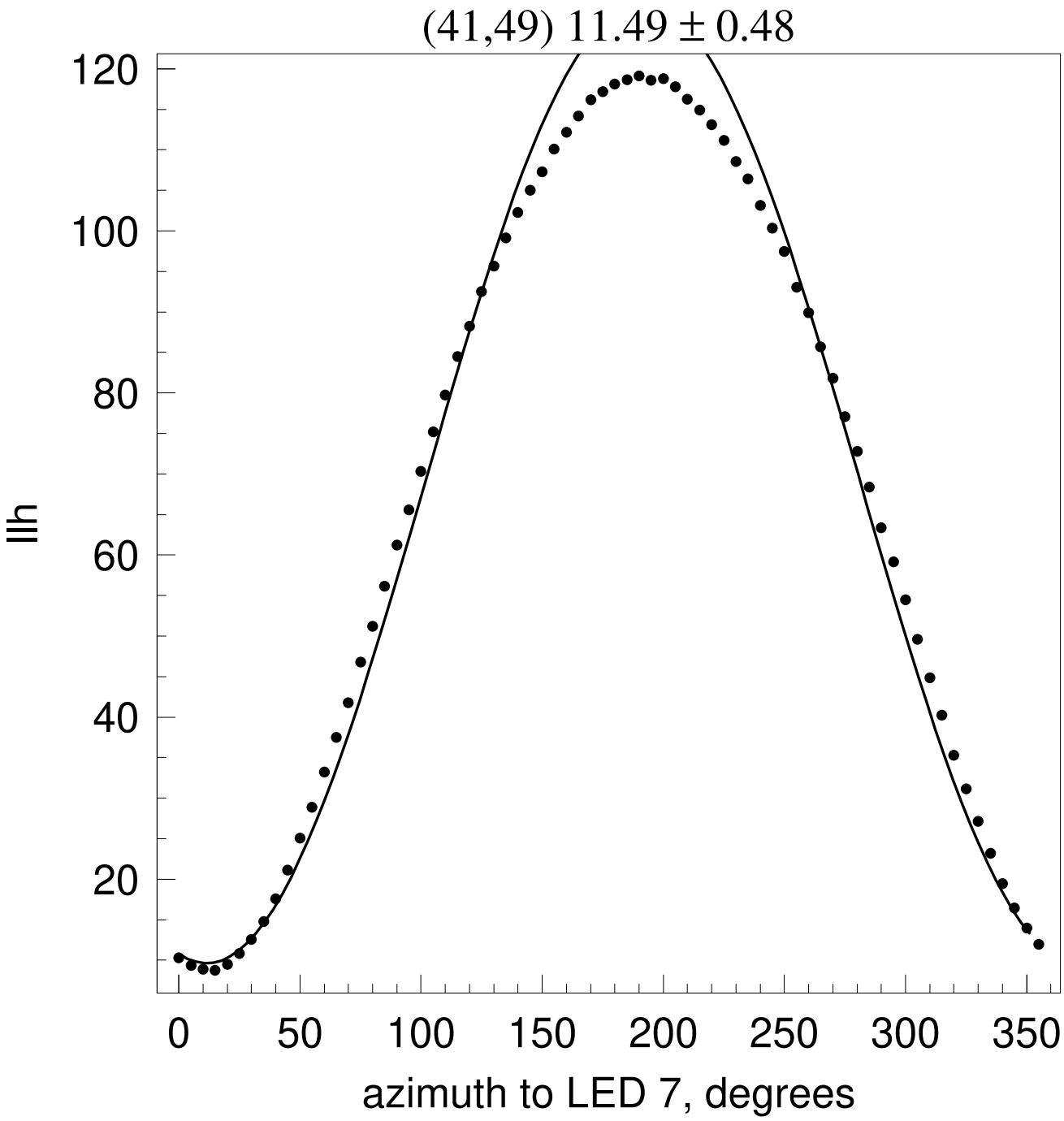

(41,44) 4.50 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

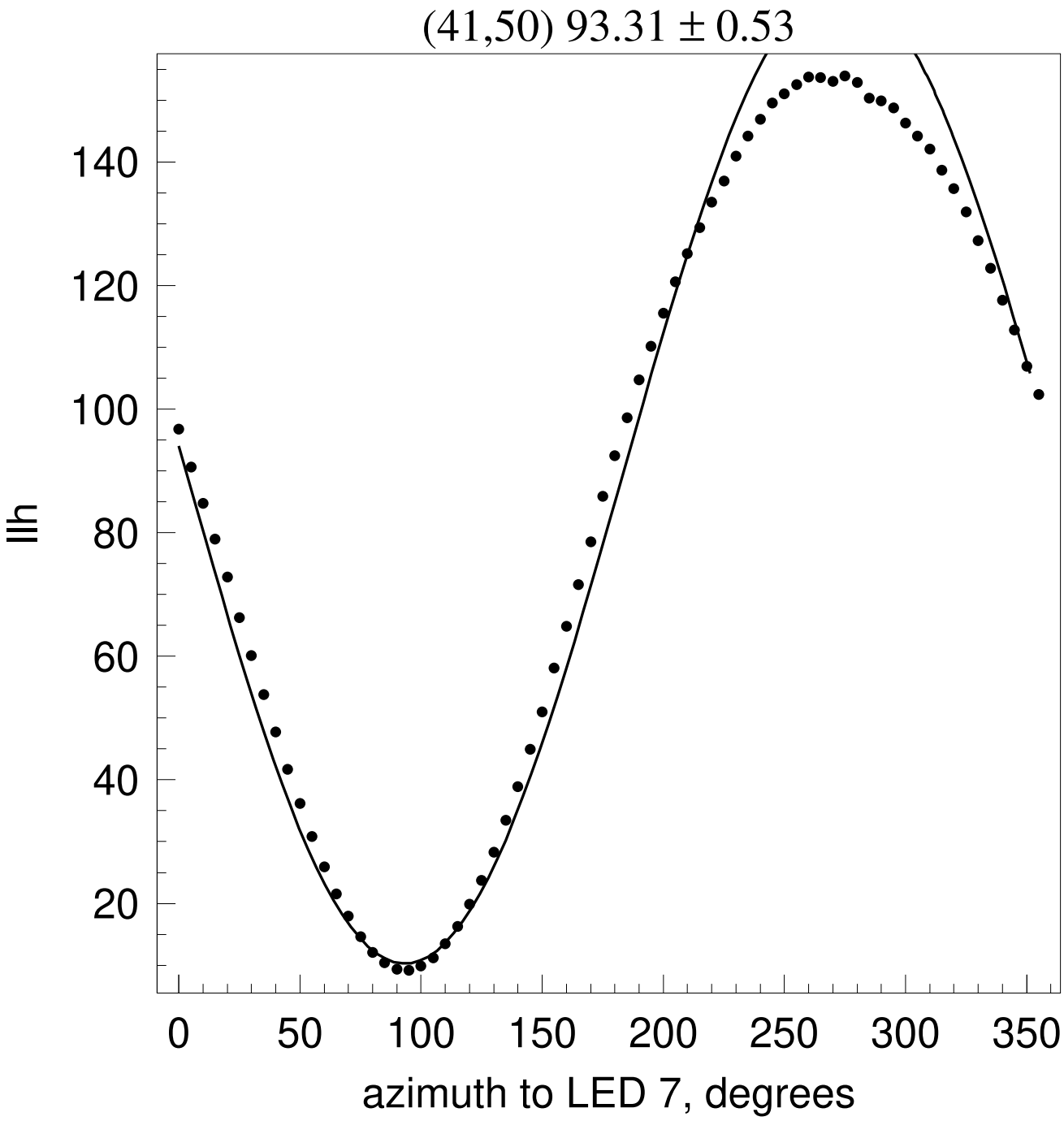

(41,45) 236.27 ± 0.16
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

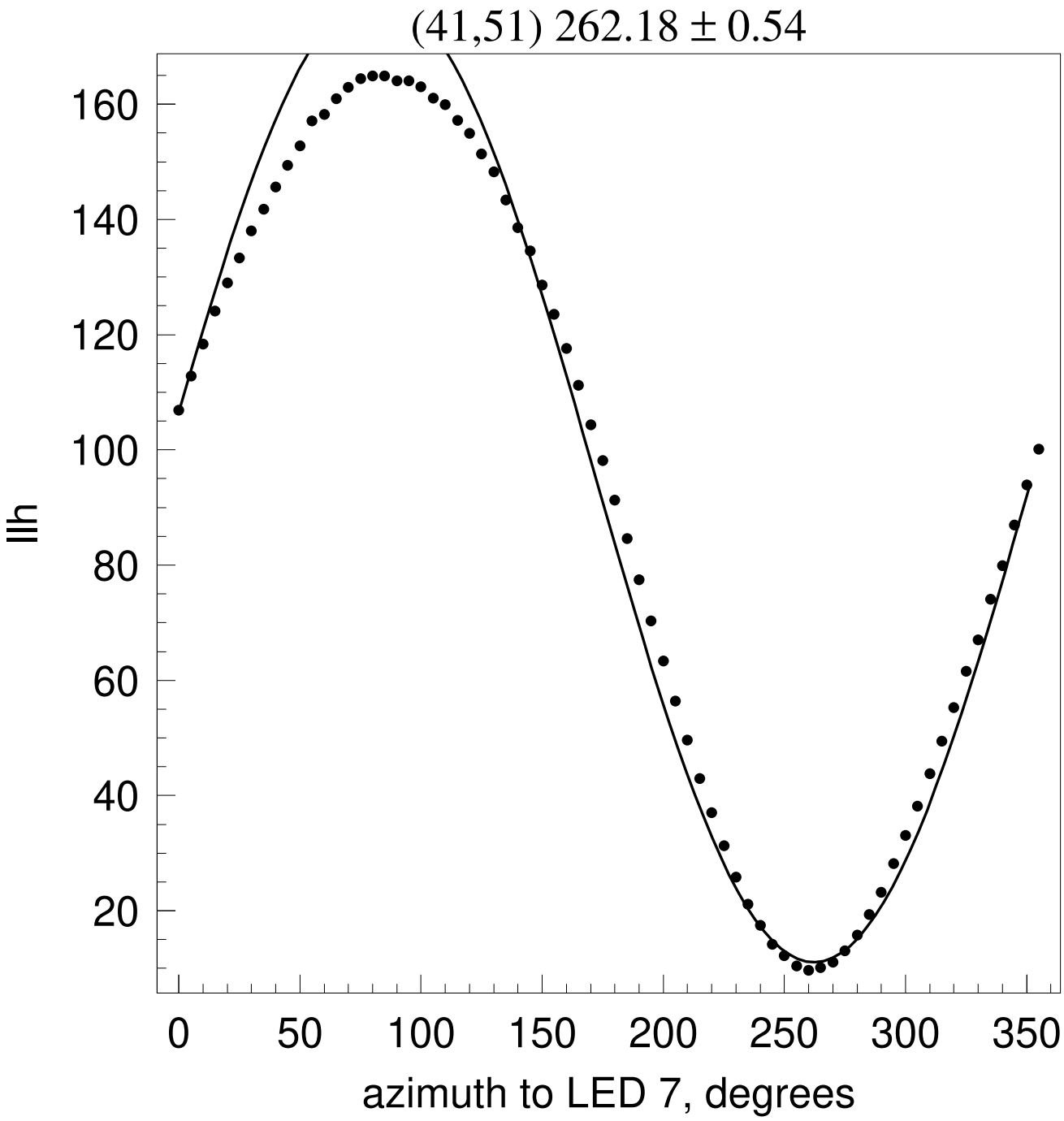

(41,46) 179.35 ± 0.39
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

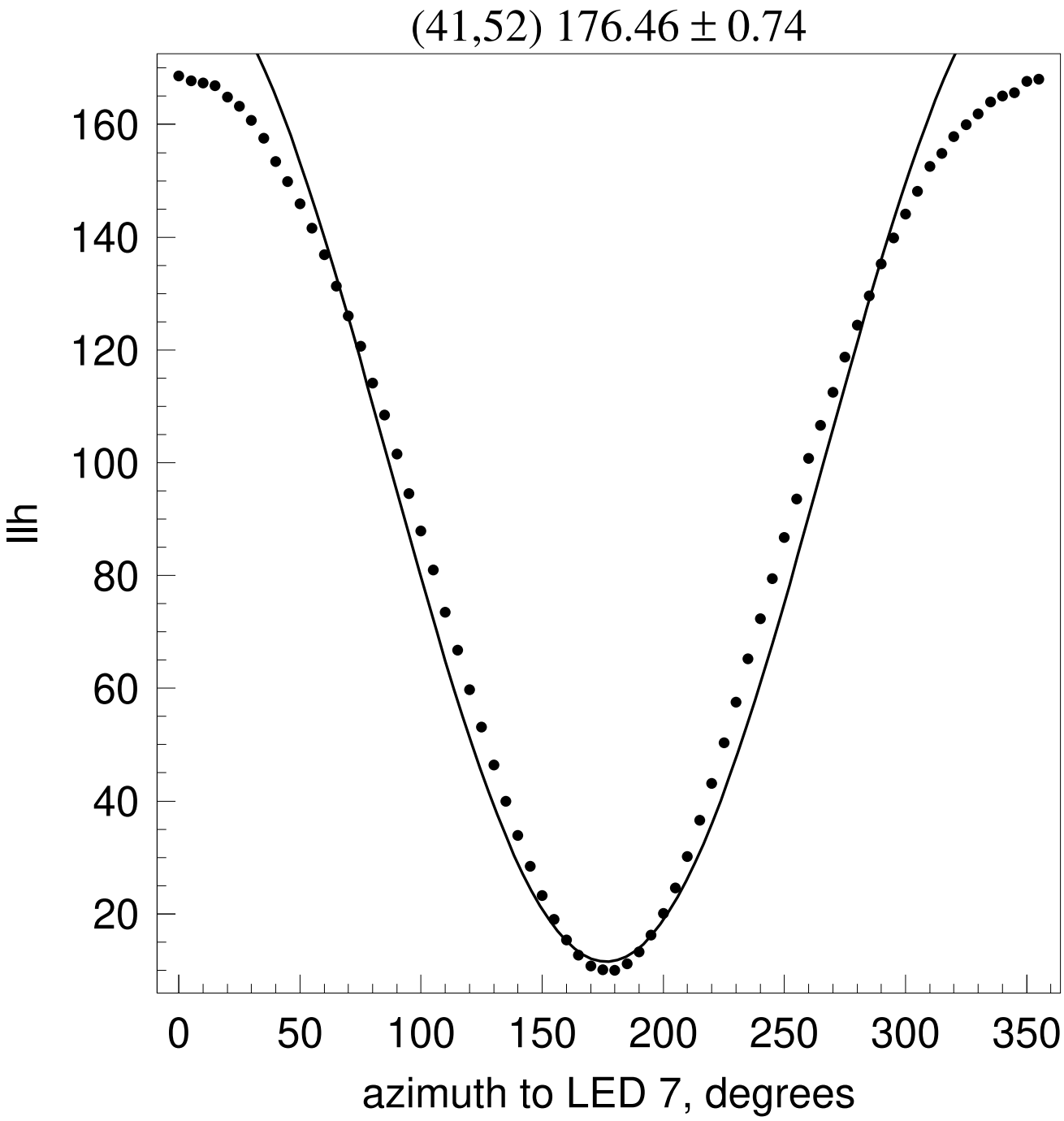

(41,47) 82.32 ± 0.37
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

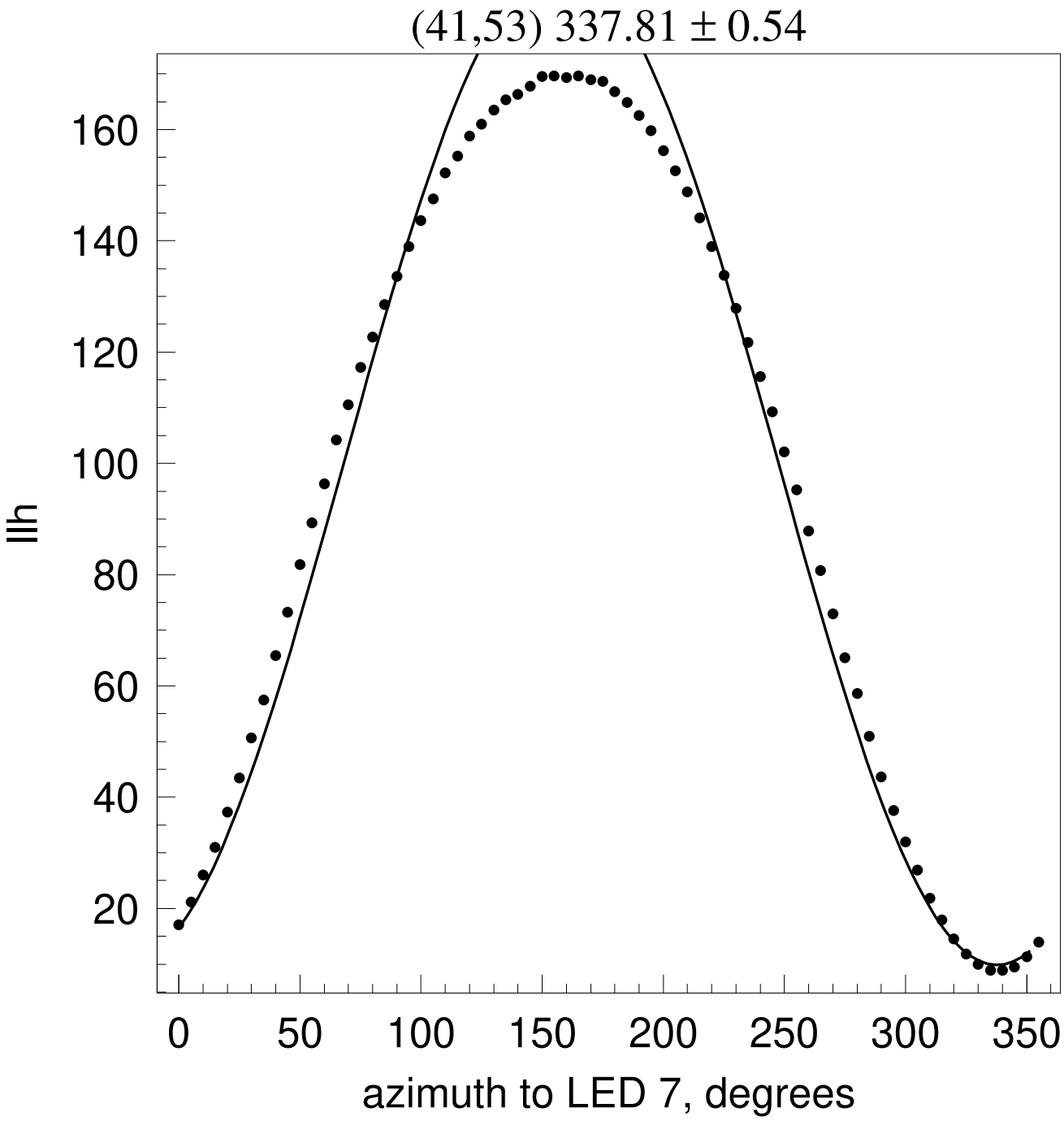

(41,48) 116.19 ± 0.46
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

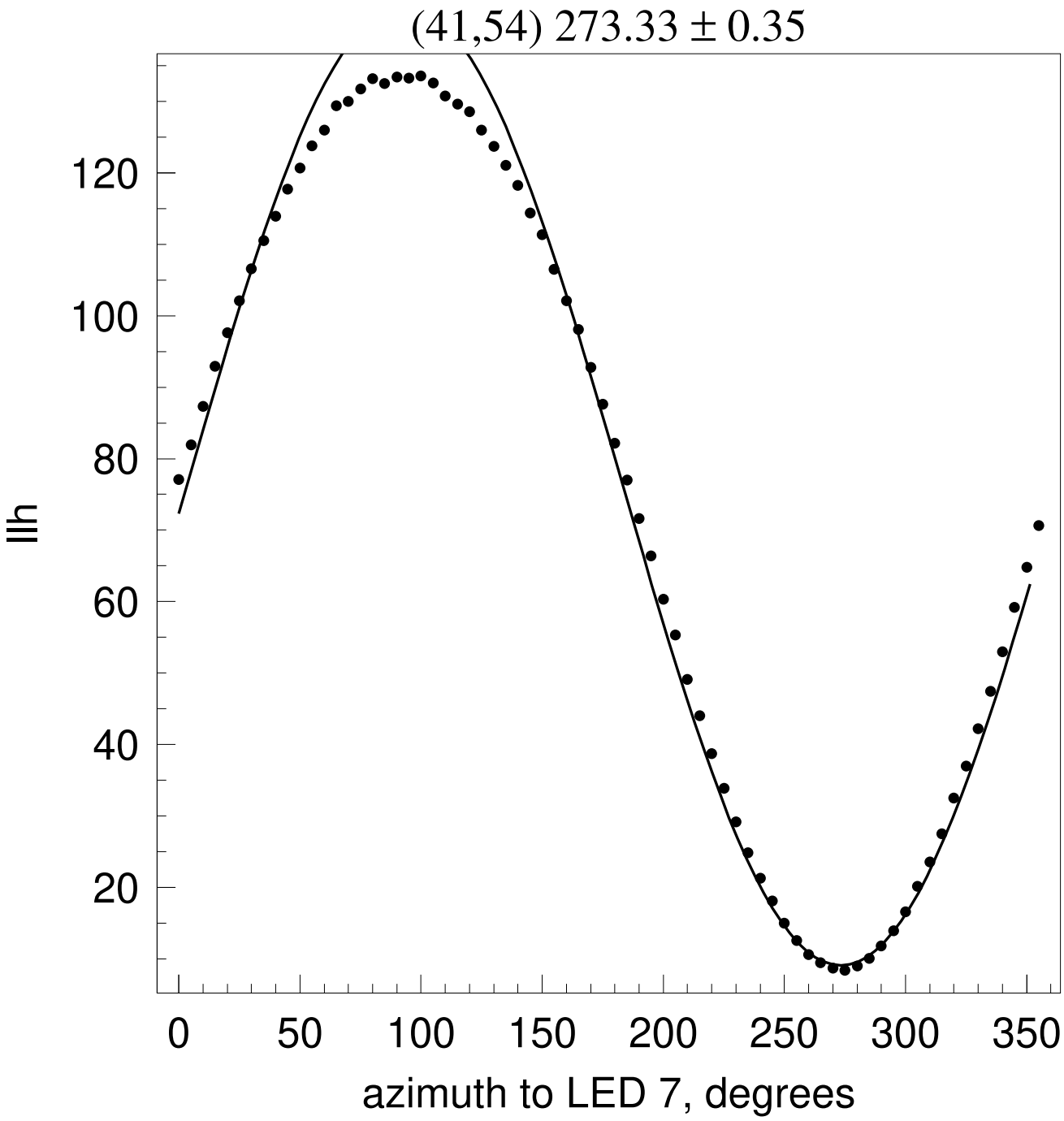

(41,49) 11.49 ± 0.48
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

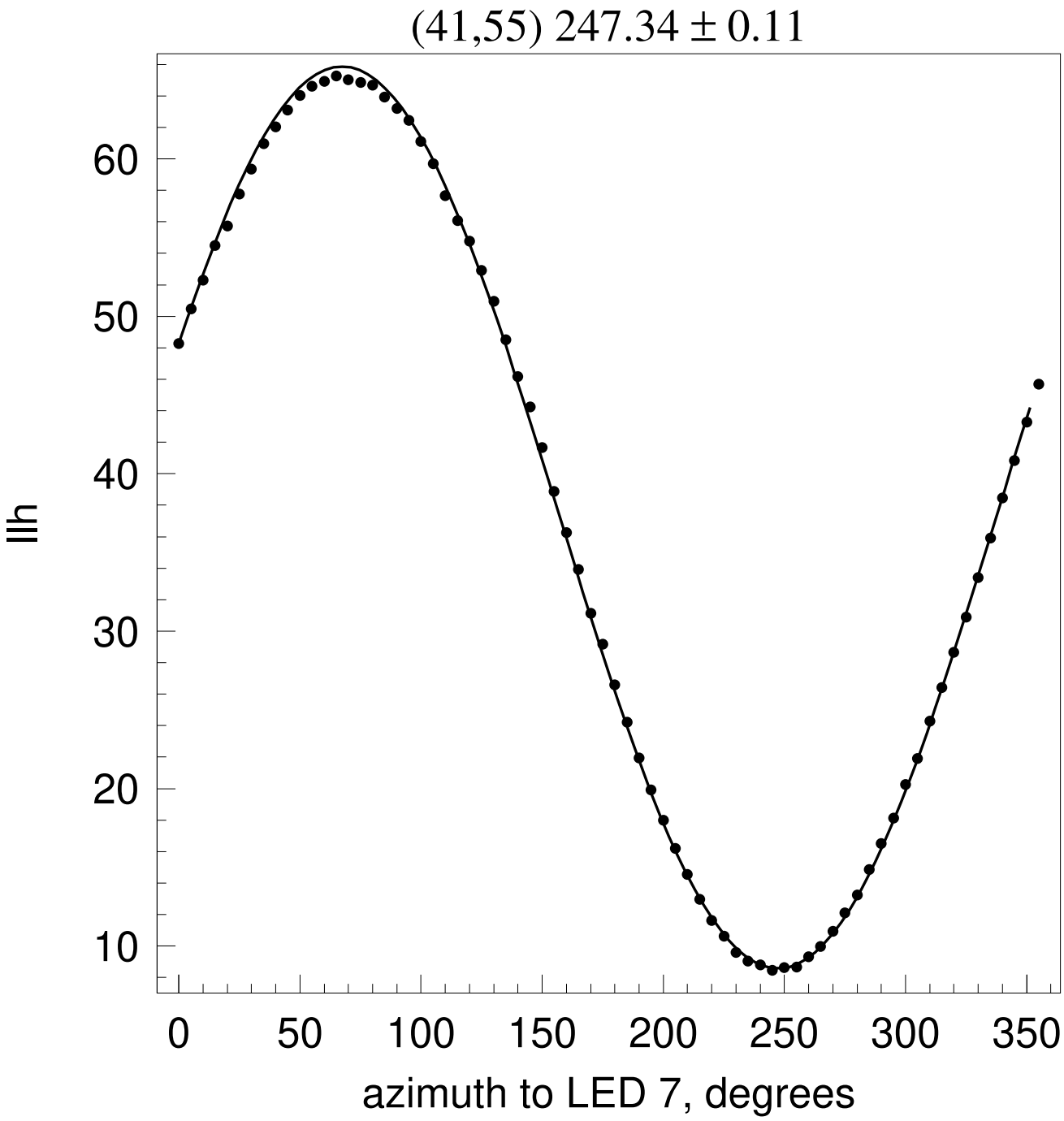

(41,50) 93.31 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

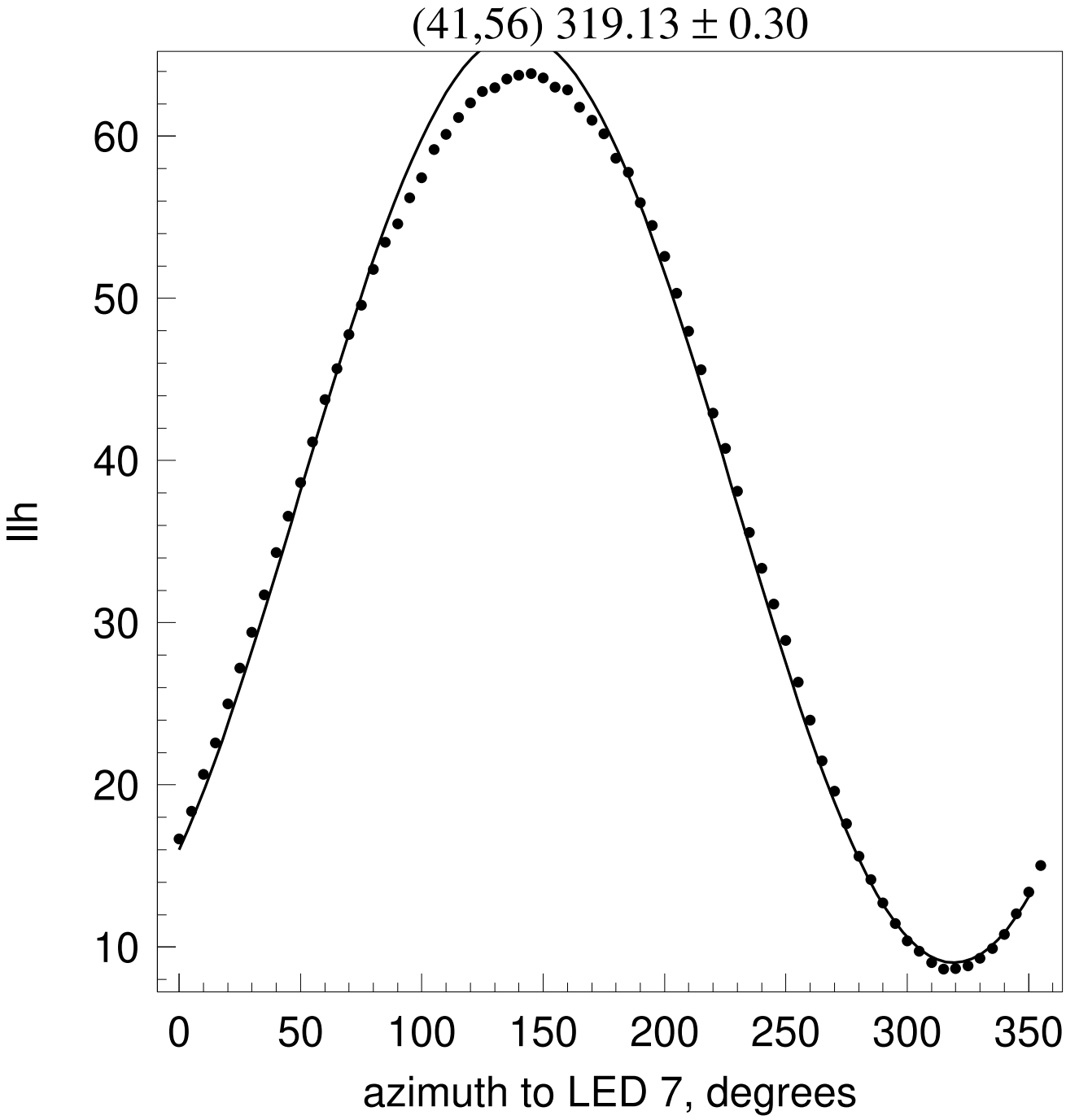

(41,51) 262.18 ± 0.54
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

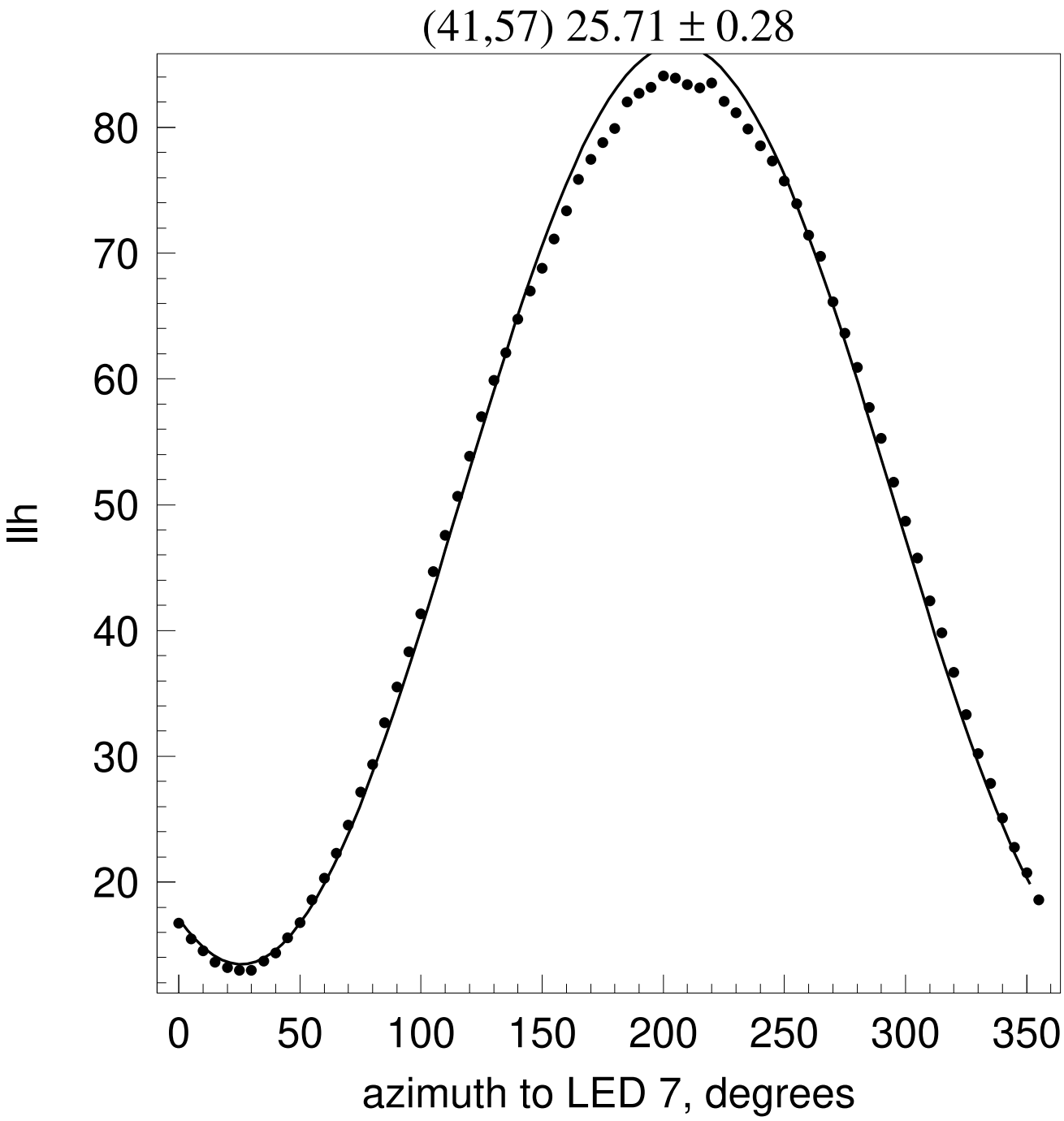

(41,52) 176.46 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

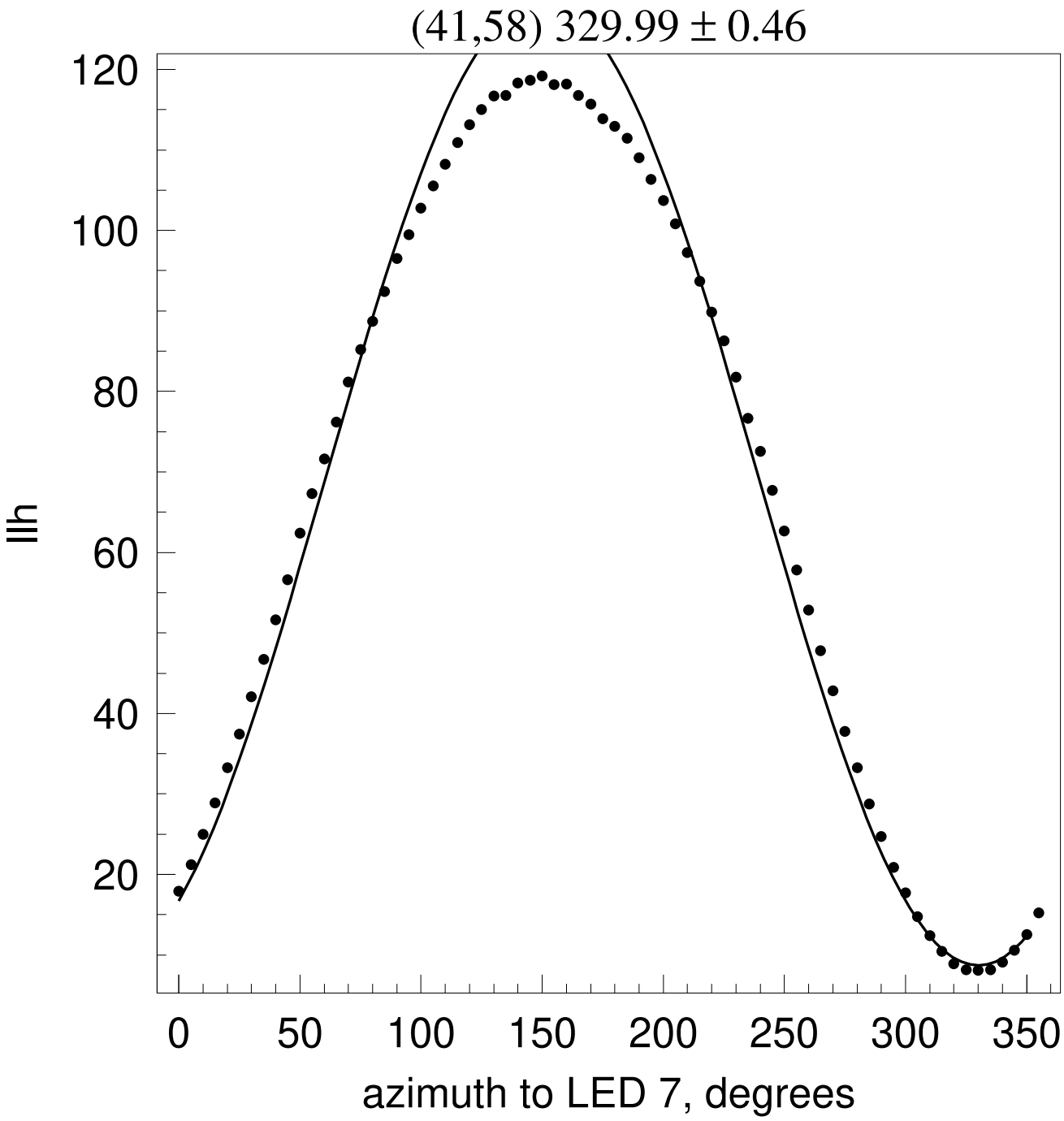

(41,53) 337.81 ± 0.54
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

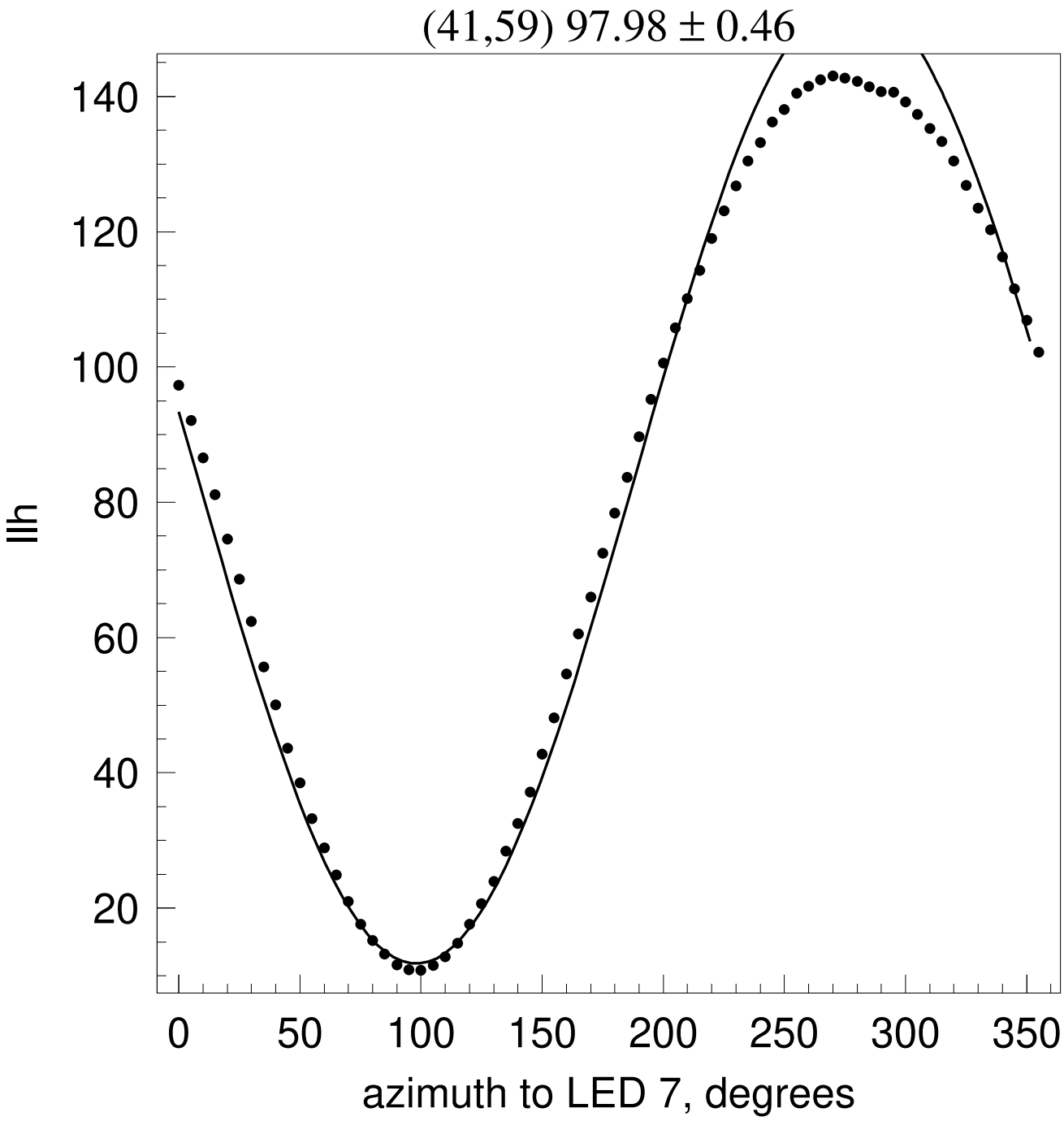

(41,54) 273.33 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

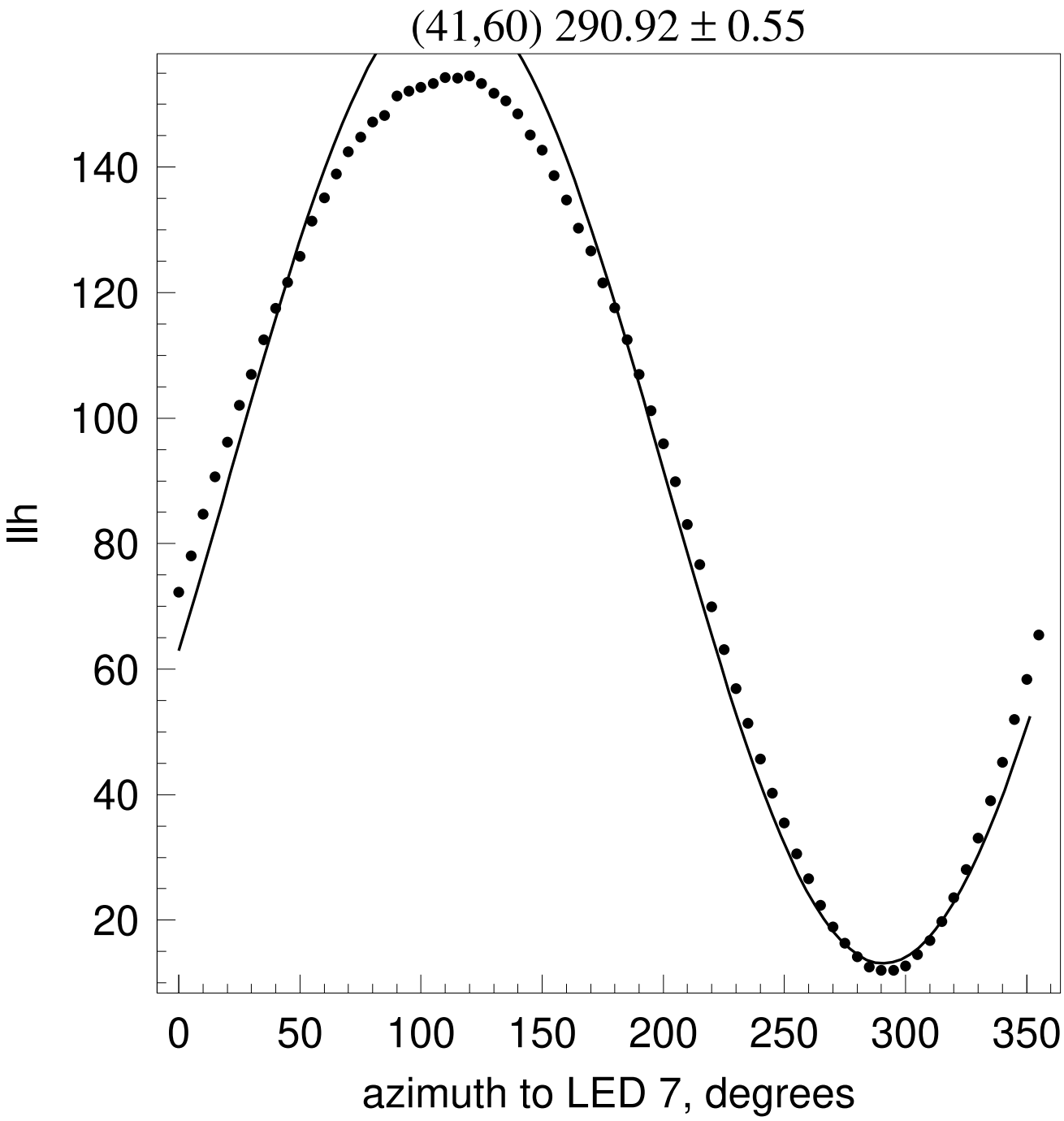

(41,55) 247.34 ± 0.11
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

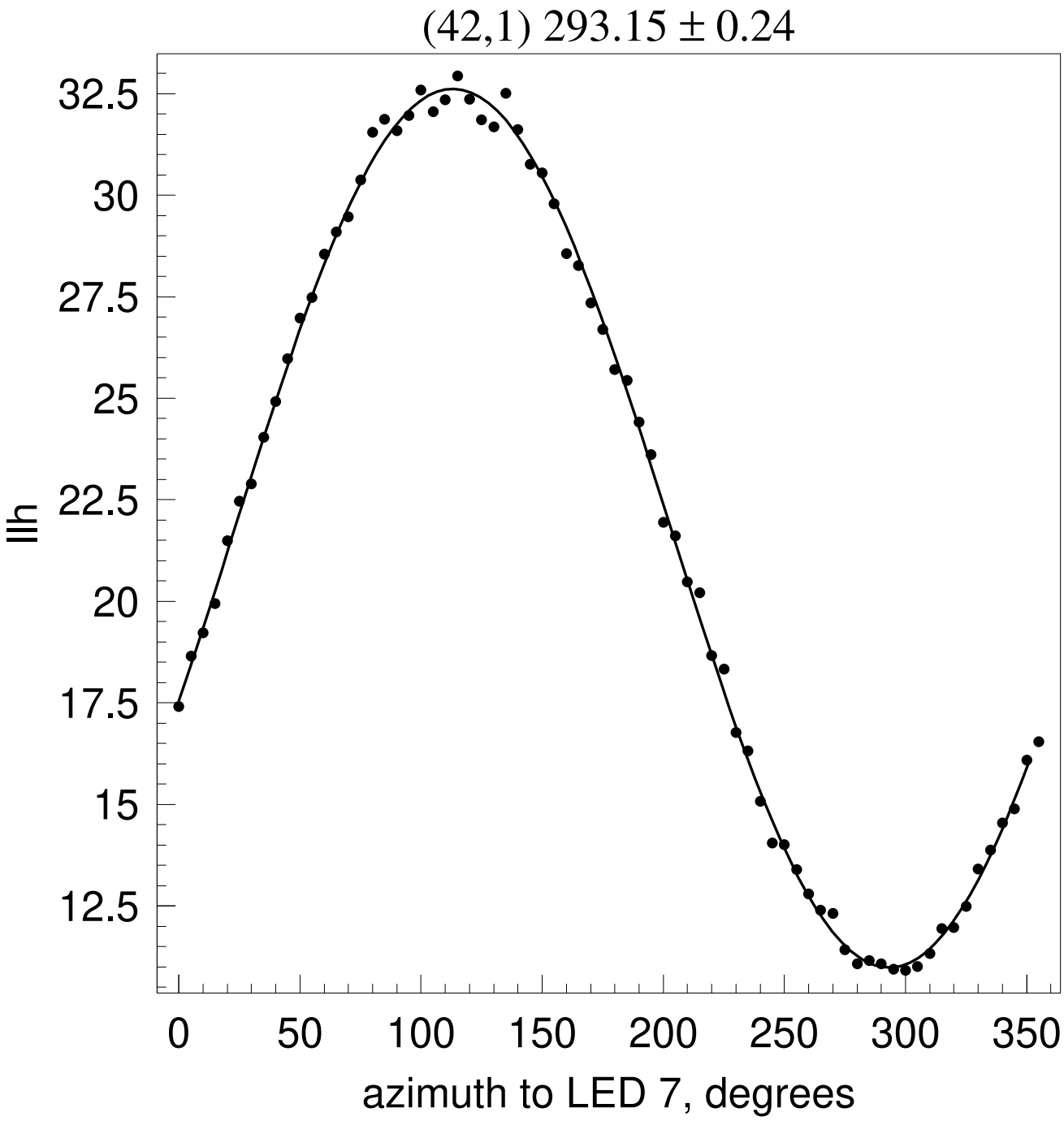

(41,56) 319.13 ± 0.30
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

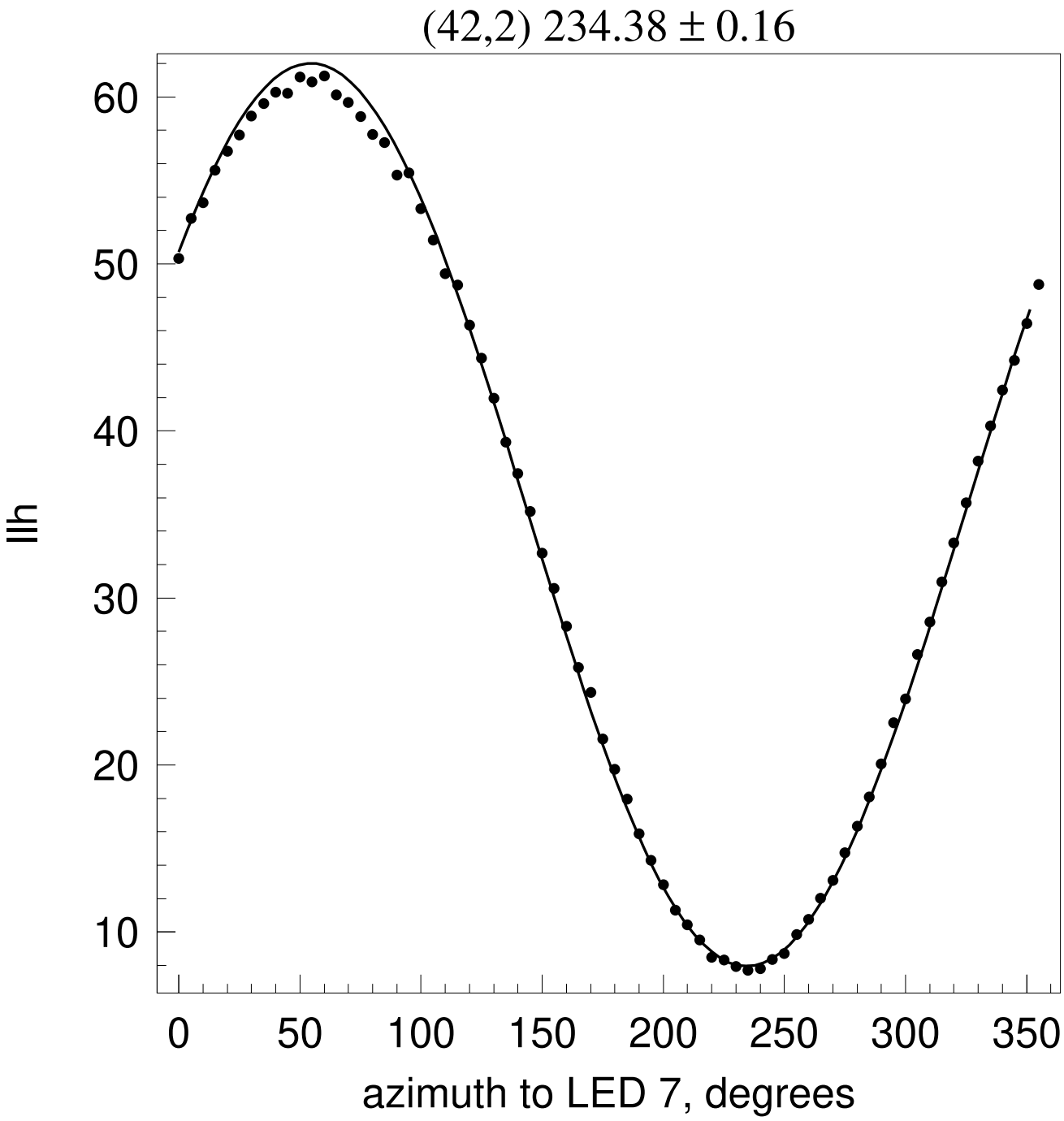

(41,57) 25.71 ± 0.28
llh
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

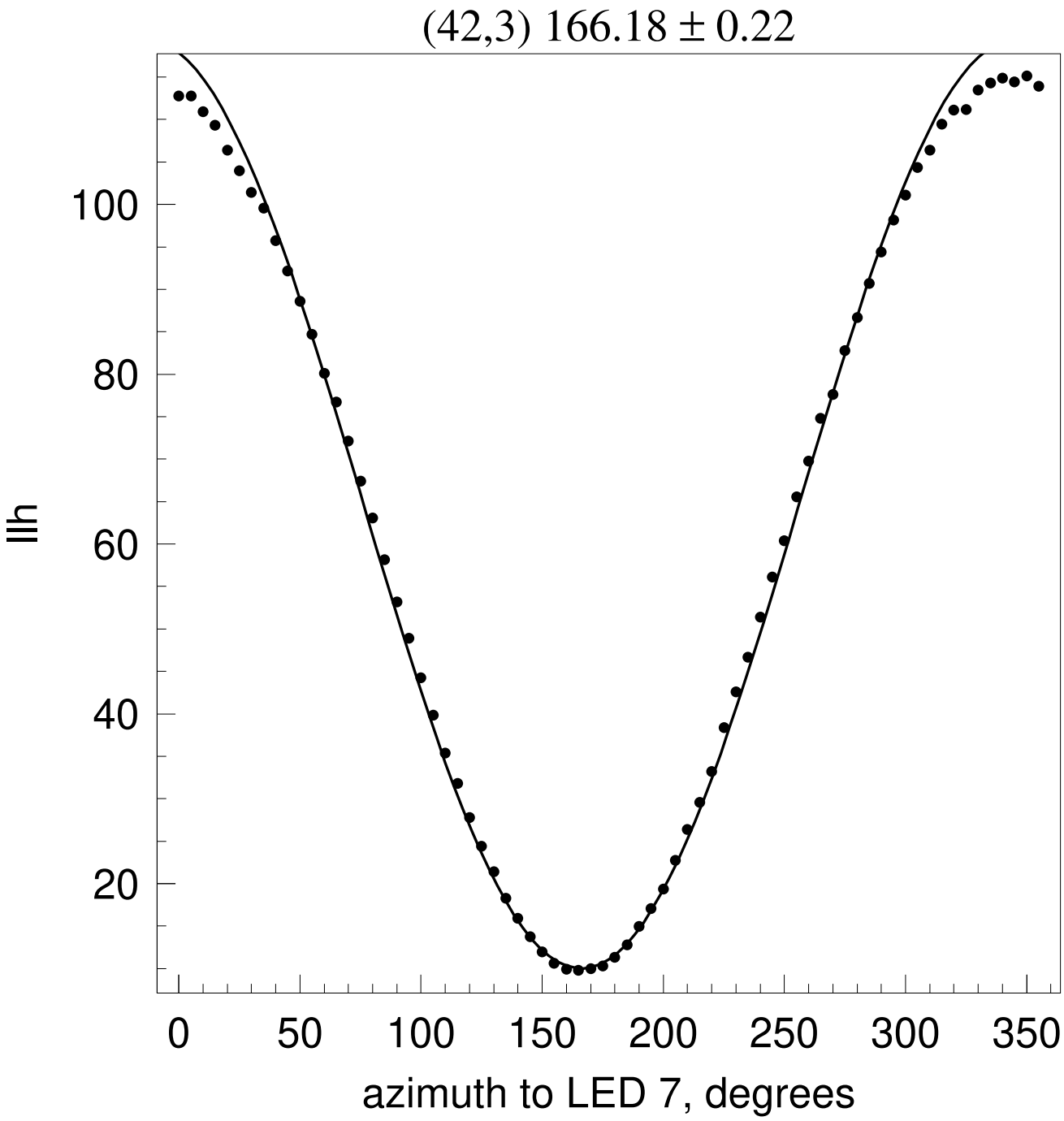

(41,58) 329.99 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

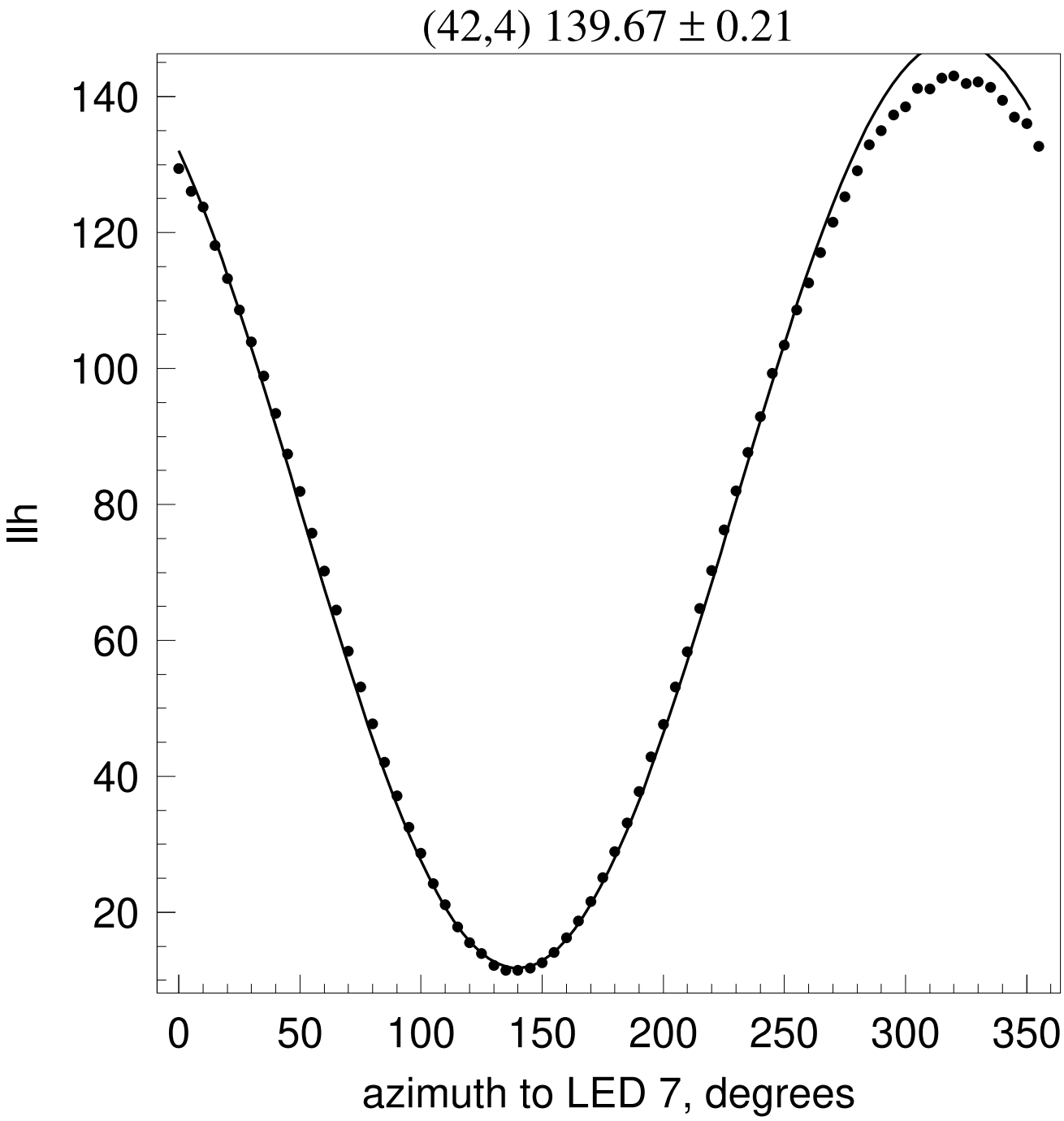

(41,59) 97.98 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

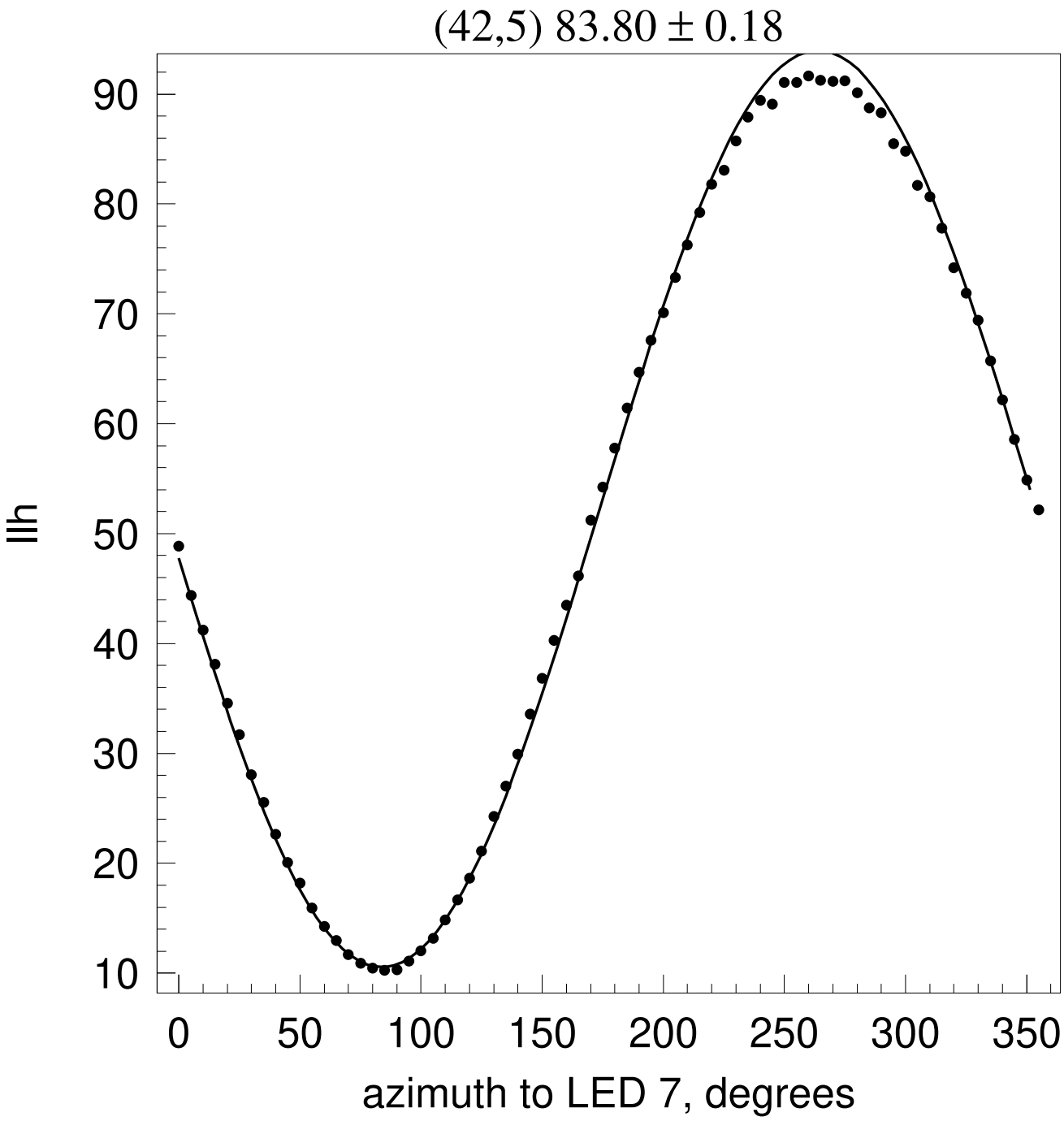

(41,60) 290.92 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

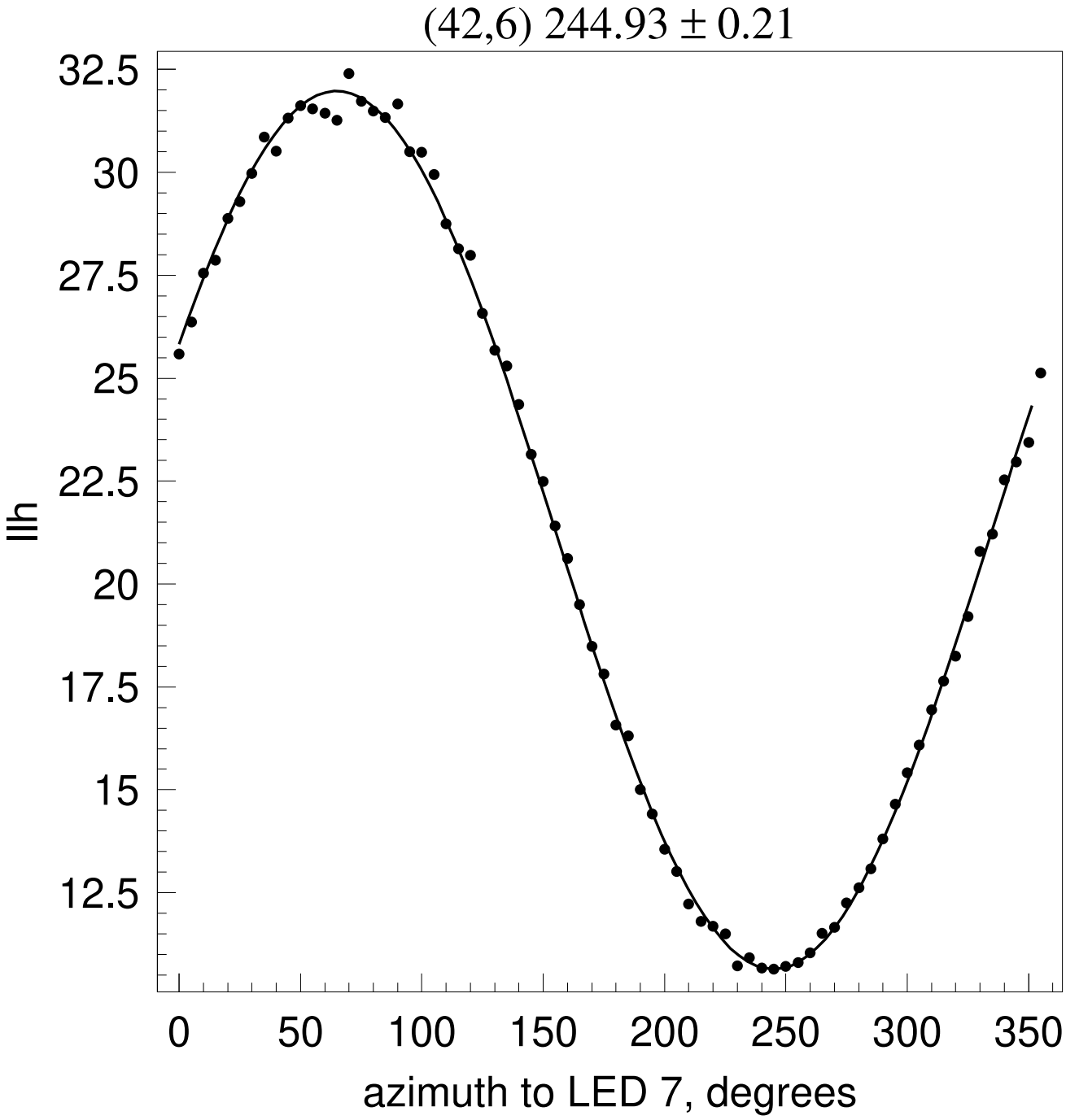

(42,1) 293.15 ± 0.24
32.5
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

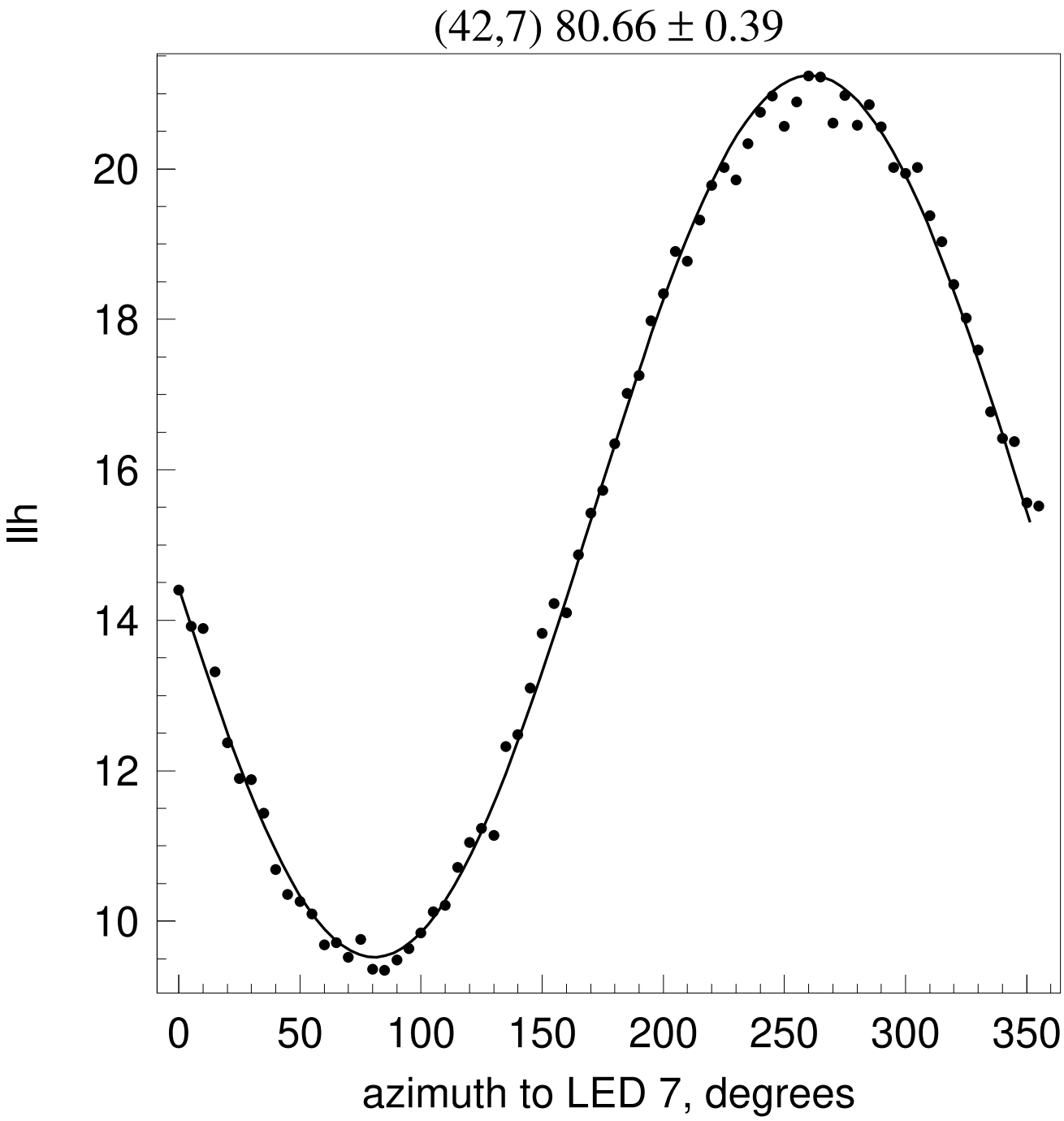

(42,2) 234.38 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

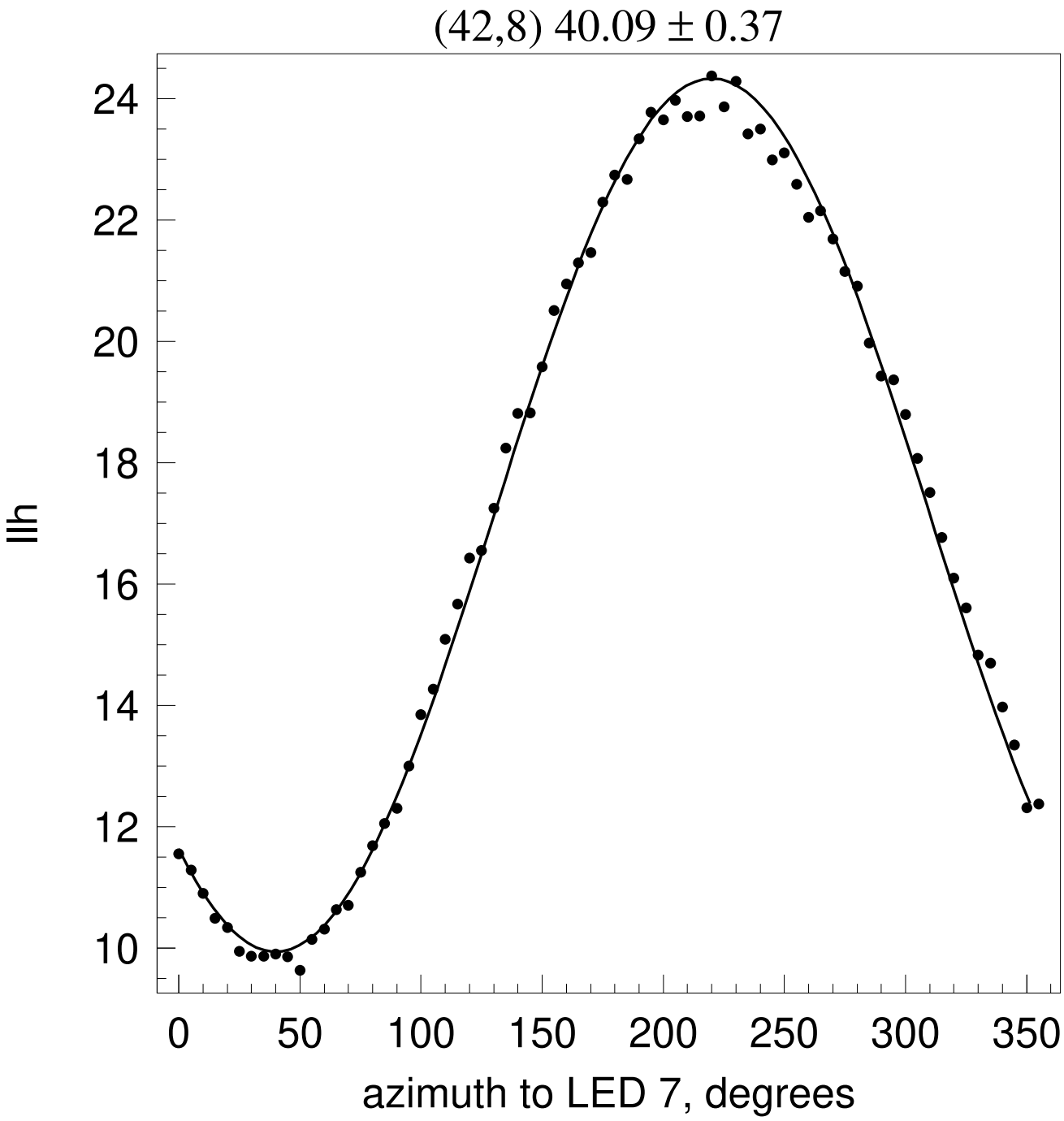

(42,3) 166.18 ± 0.22
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

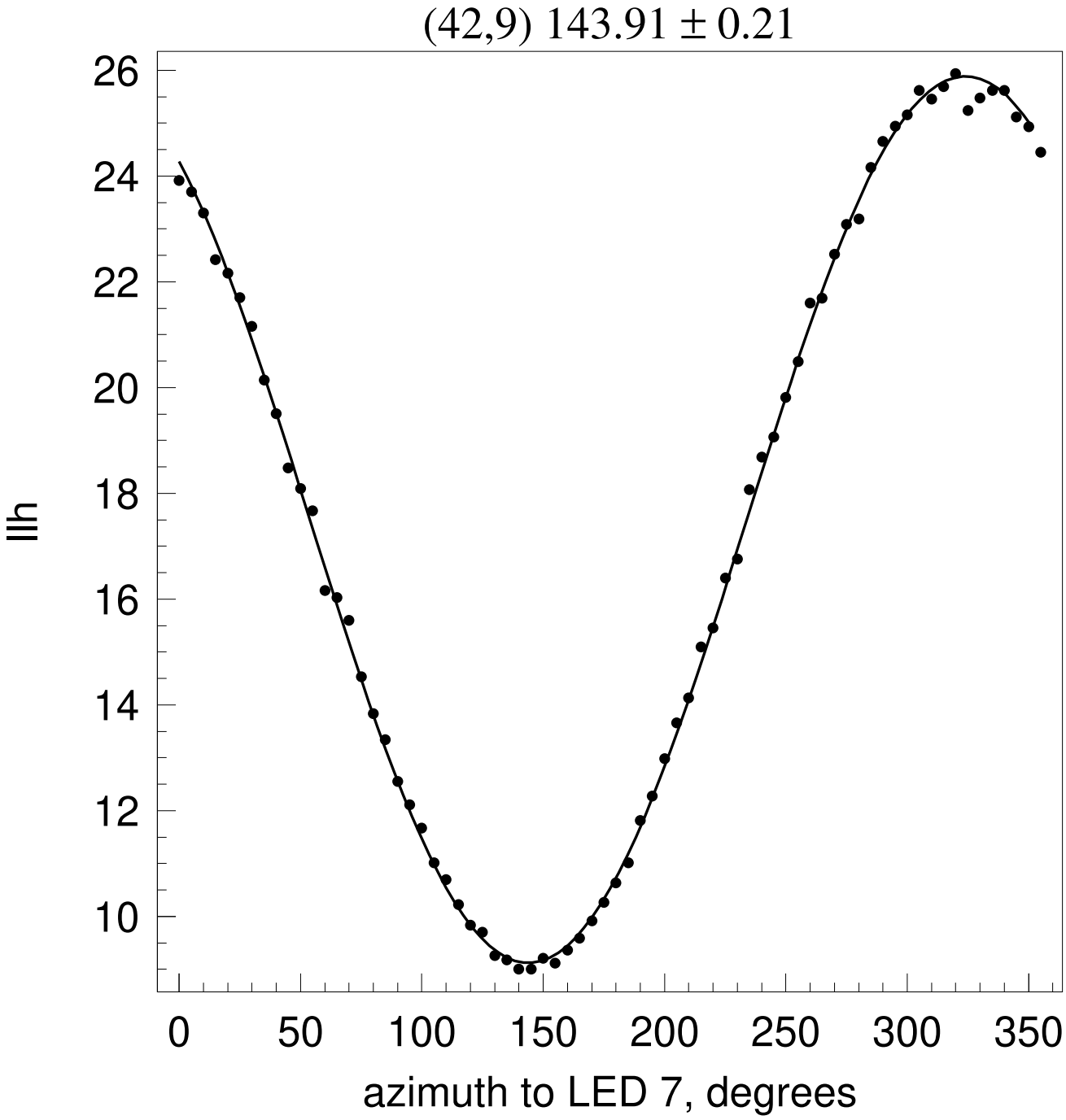

(42,4) 139.67 ± 0.21
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

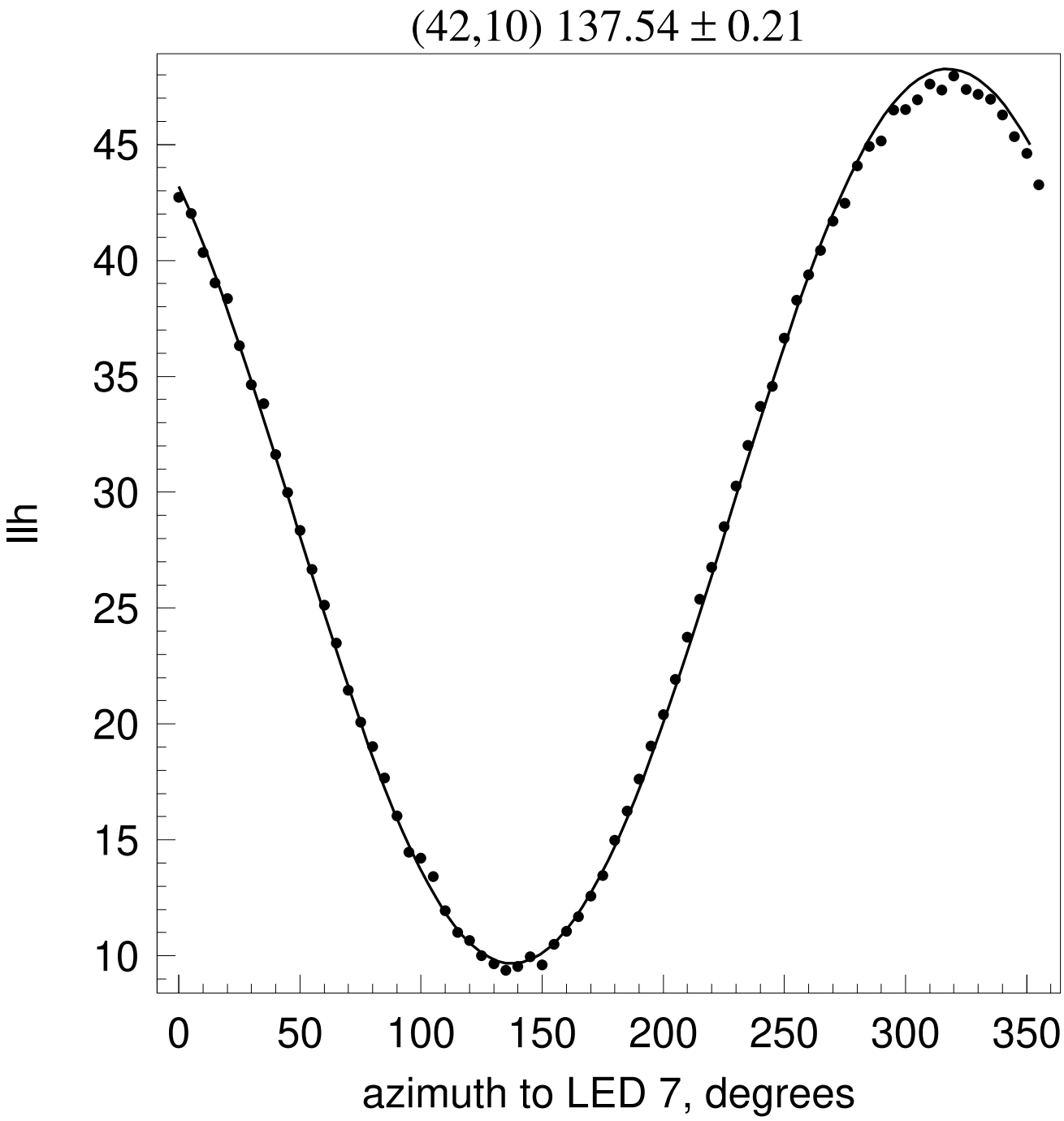

(42,5) 83.80 ± 0.18
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

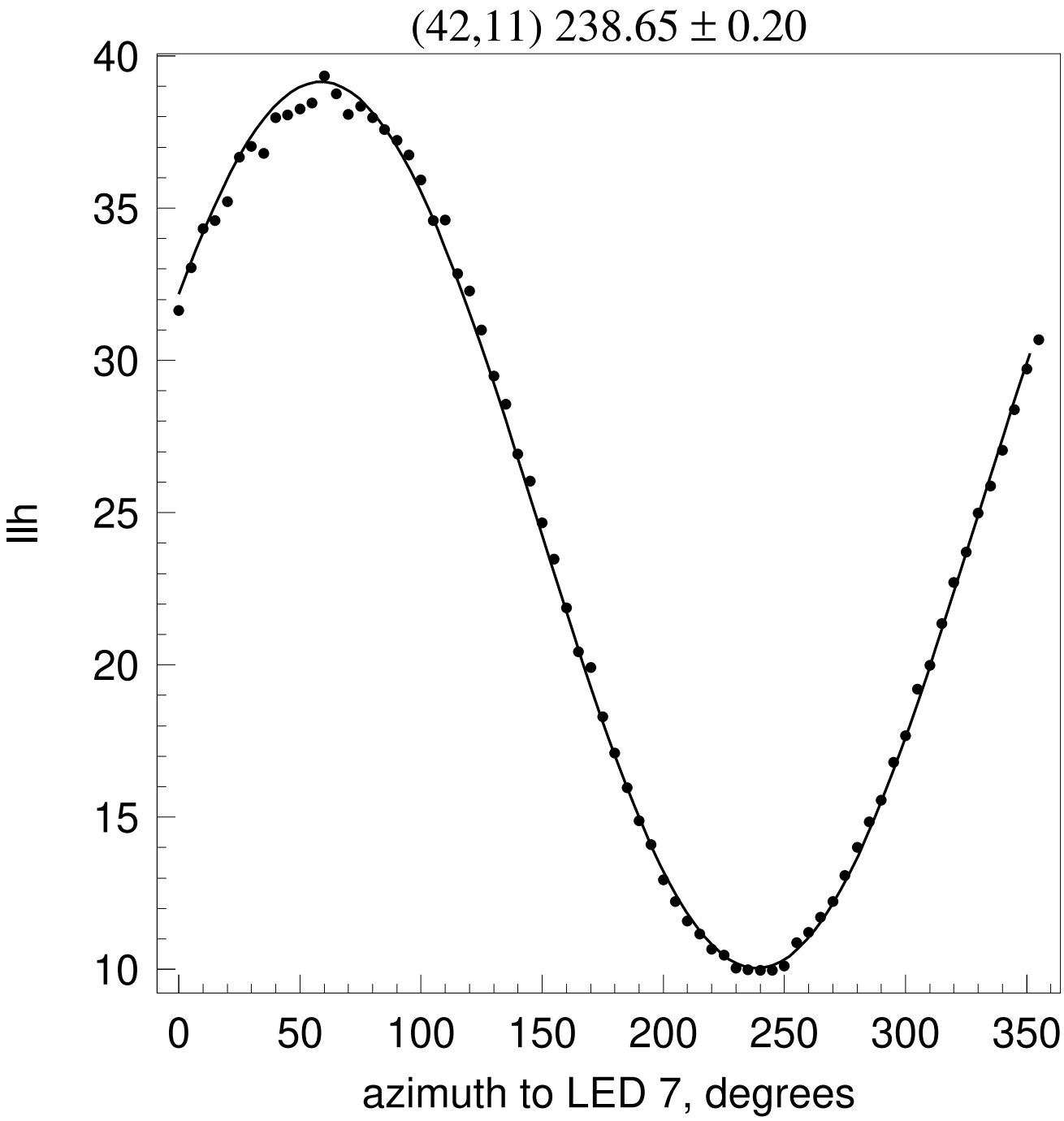

(42,6) 244.93 ± 0.21
32.5
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

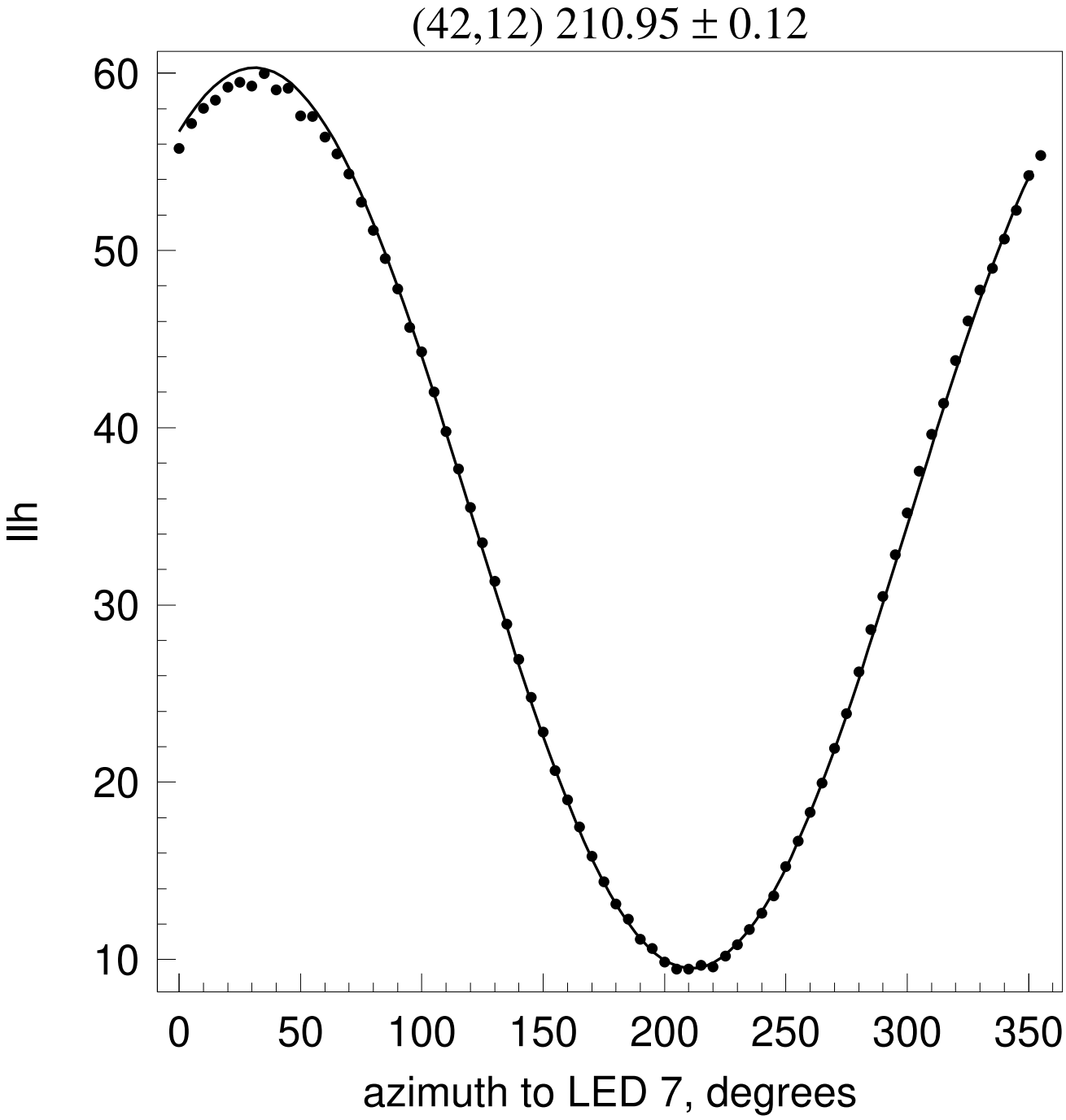

(42,7) 80.66 ± 0.39
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

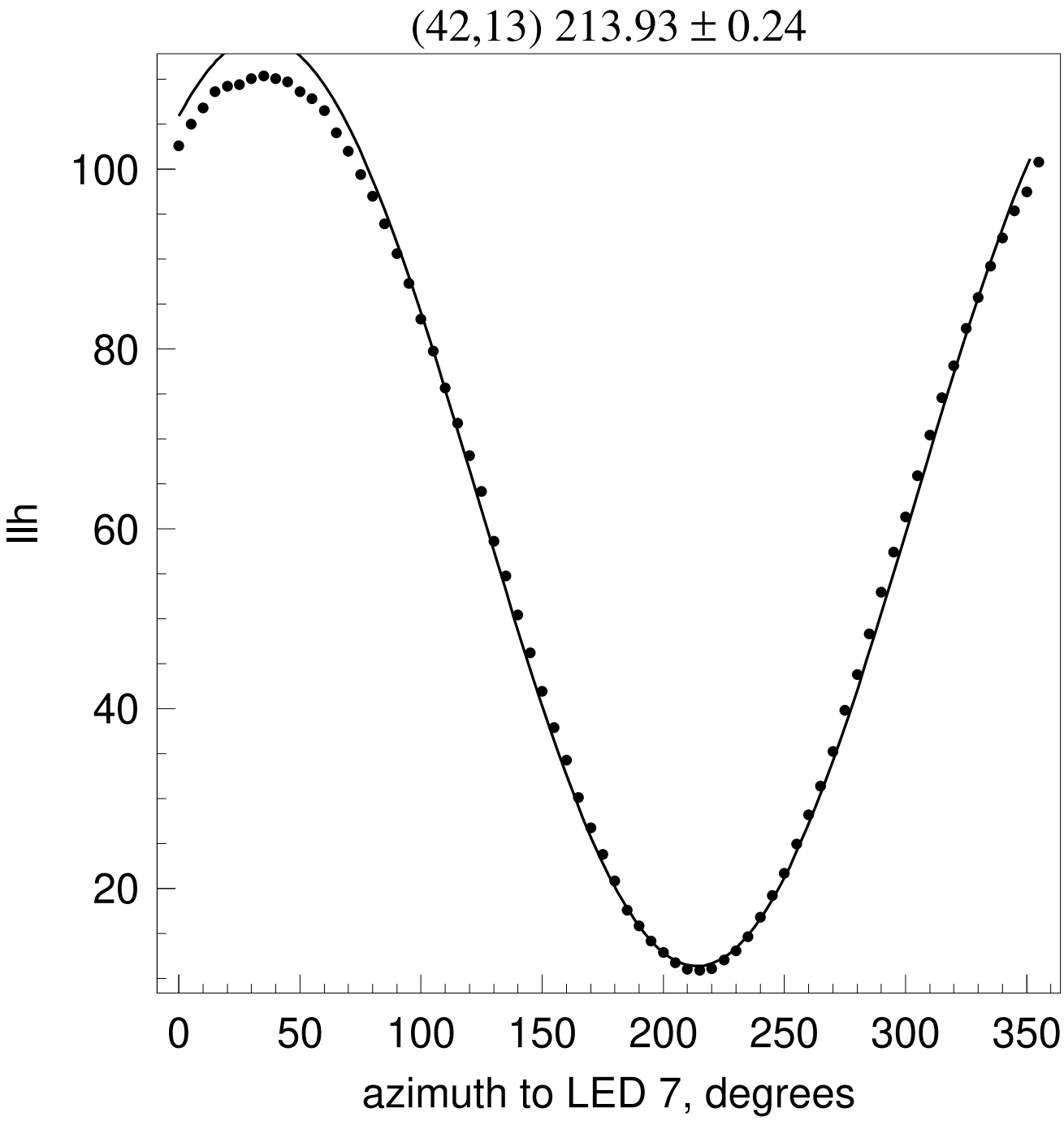

(42,8) 40.09 ± 0.37
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

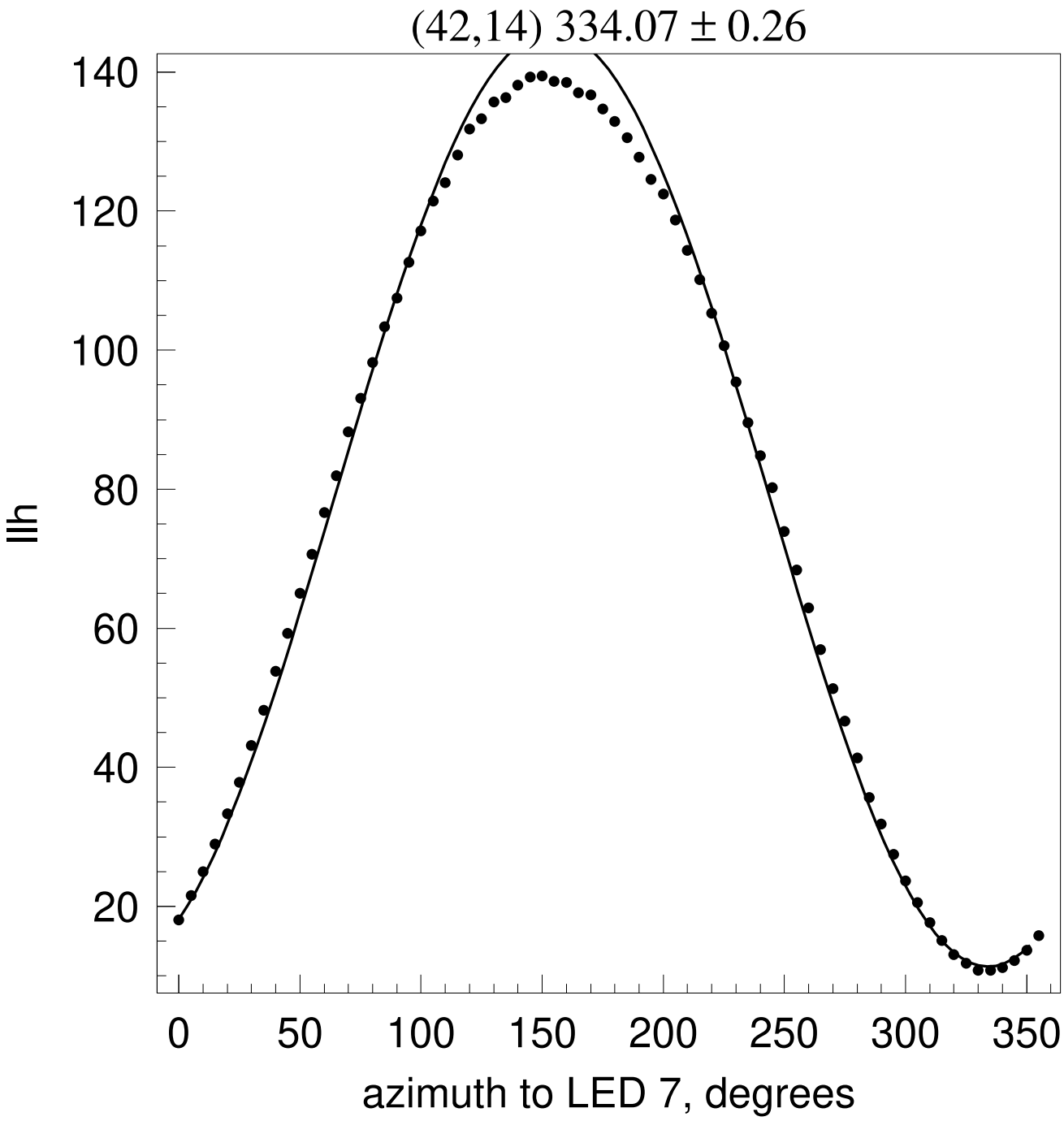

(42,9) 143.91 ± 0.21
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

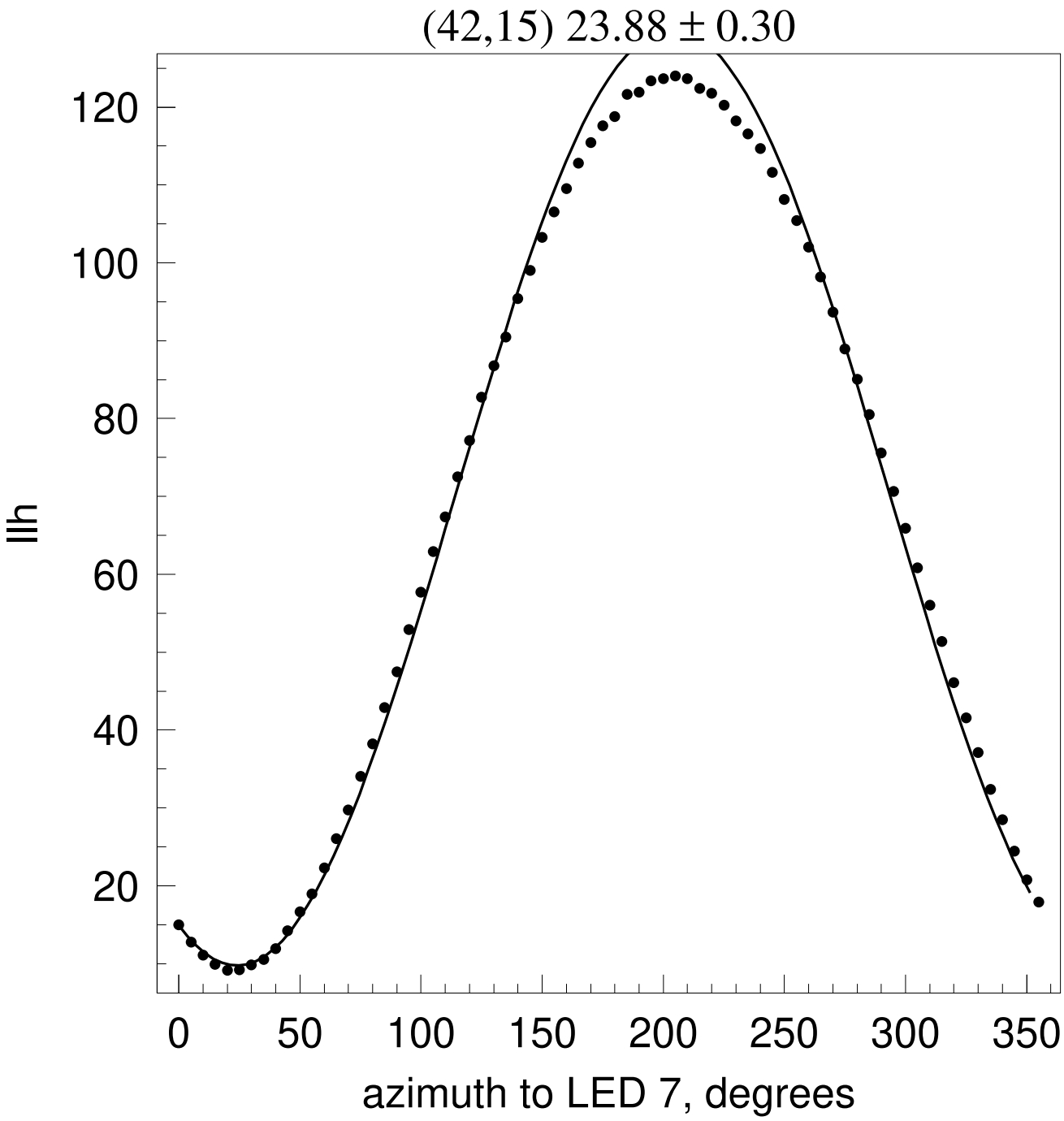

(42,10) 137.54 ± 0.21
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

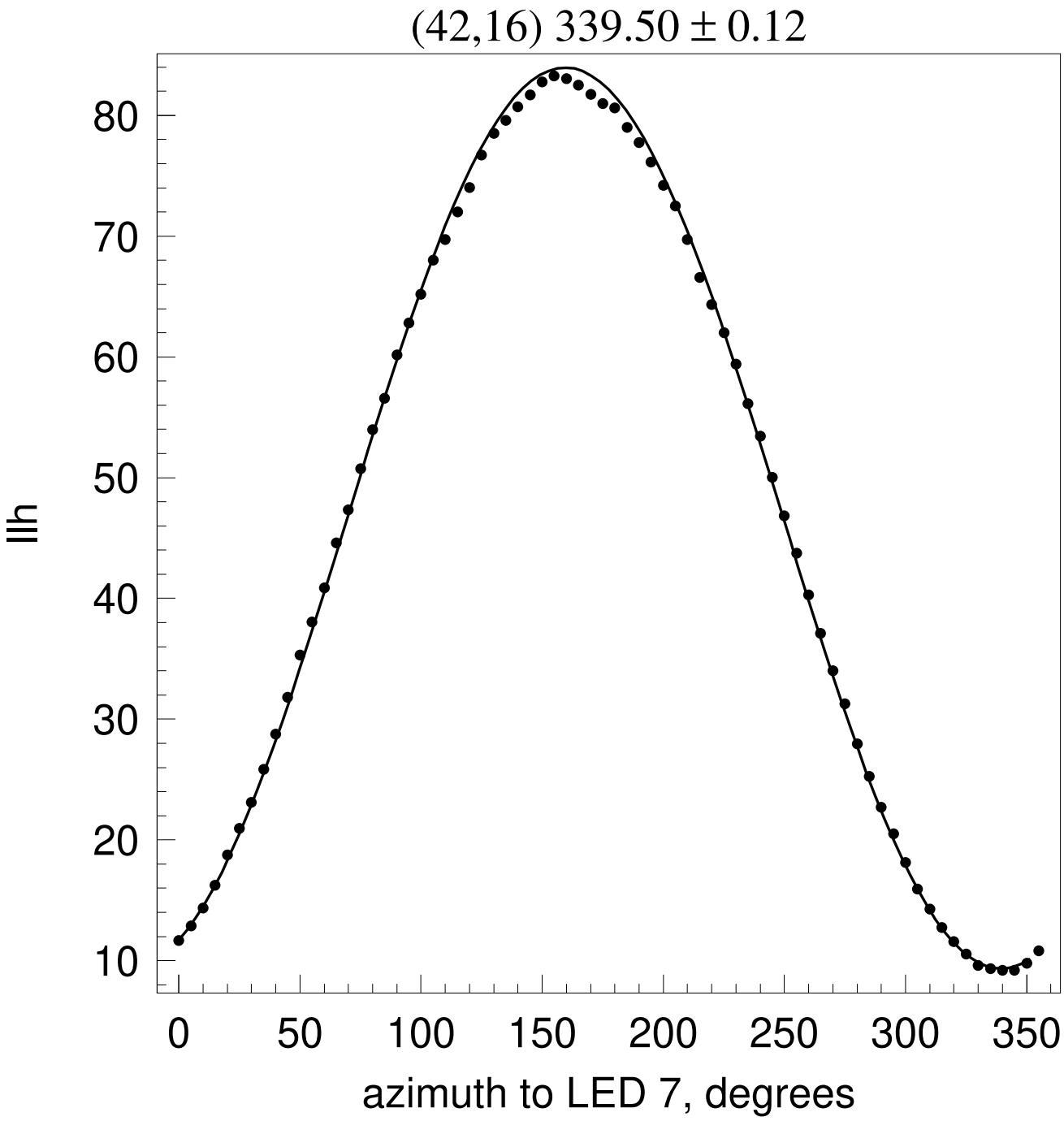

(42,11) 238.65 ± 0.20
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

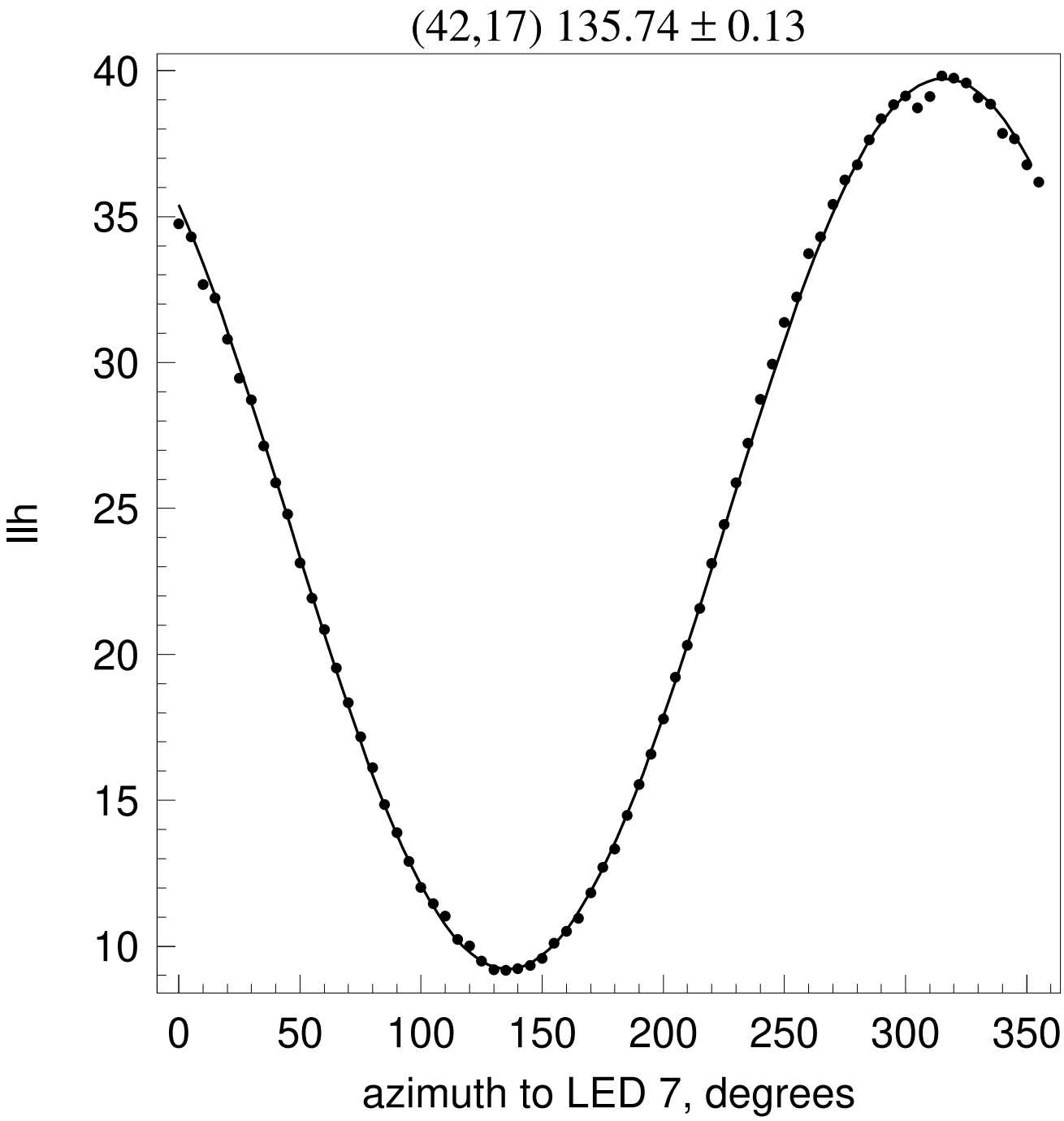

(42,12) 210.95 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

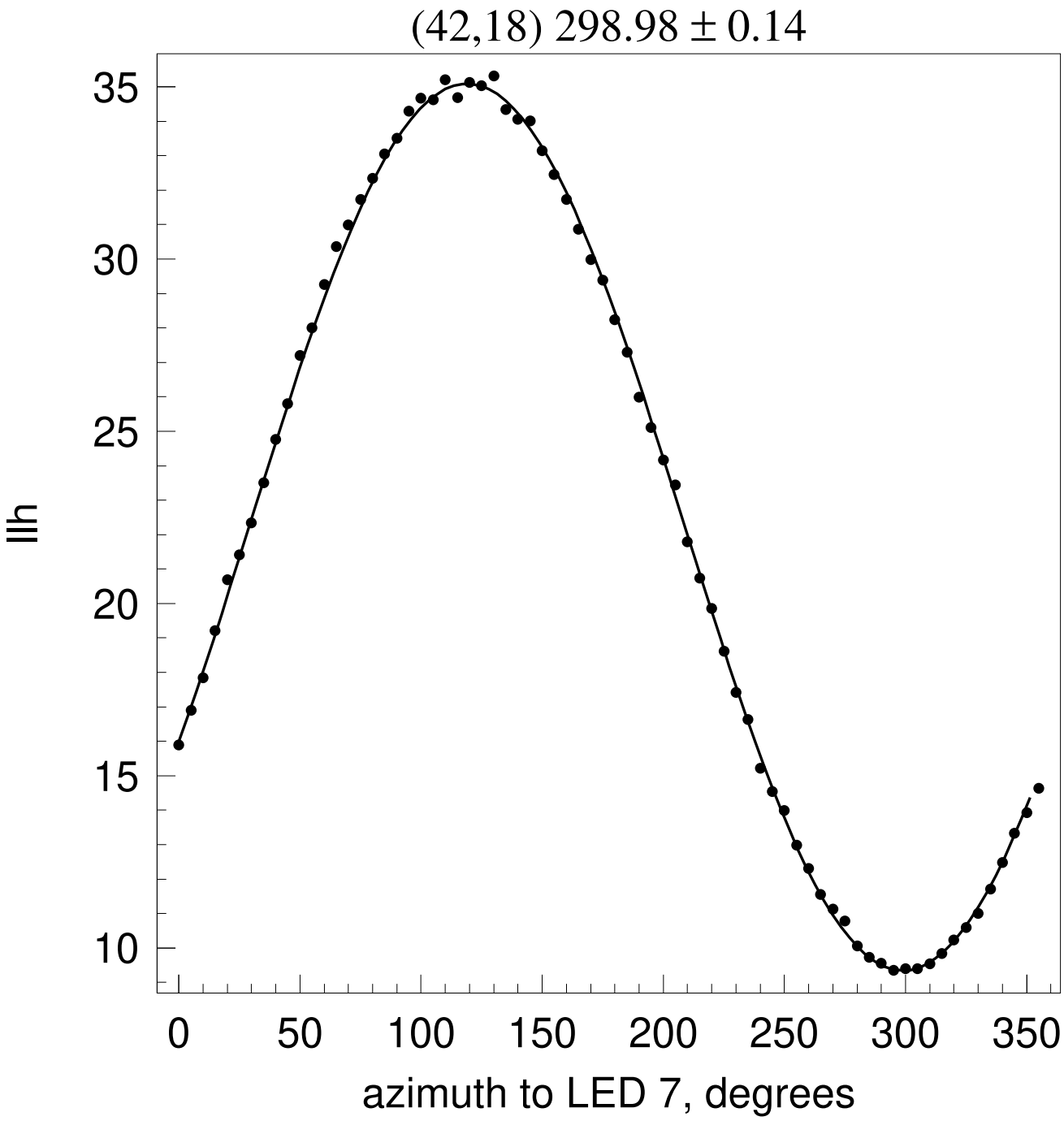

(42,13) 213.93 ± 0.24
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

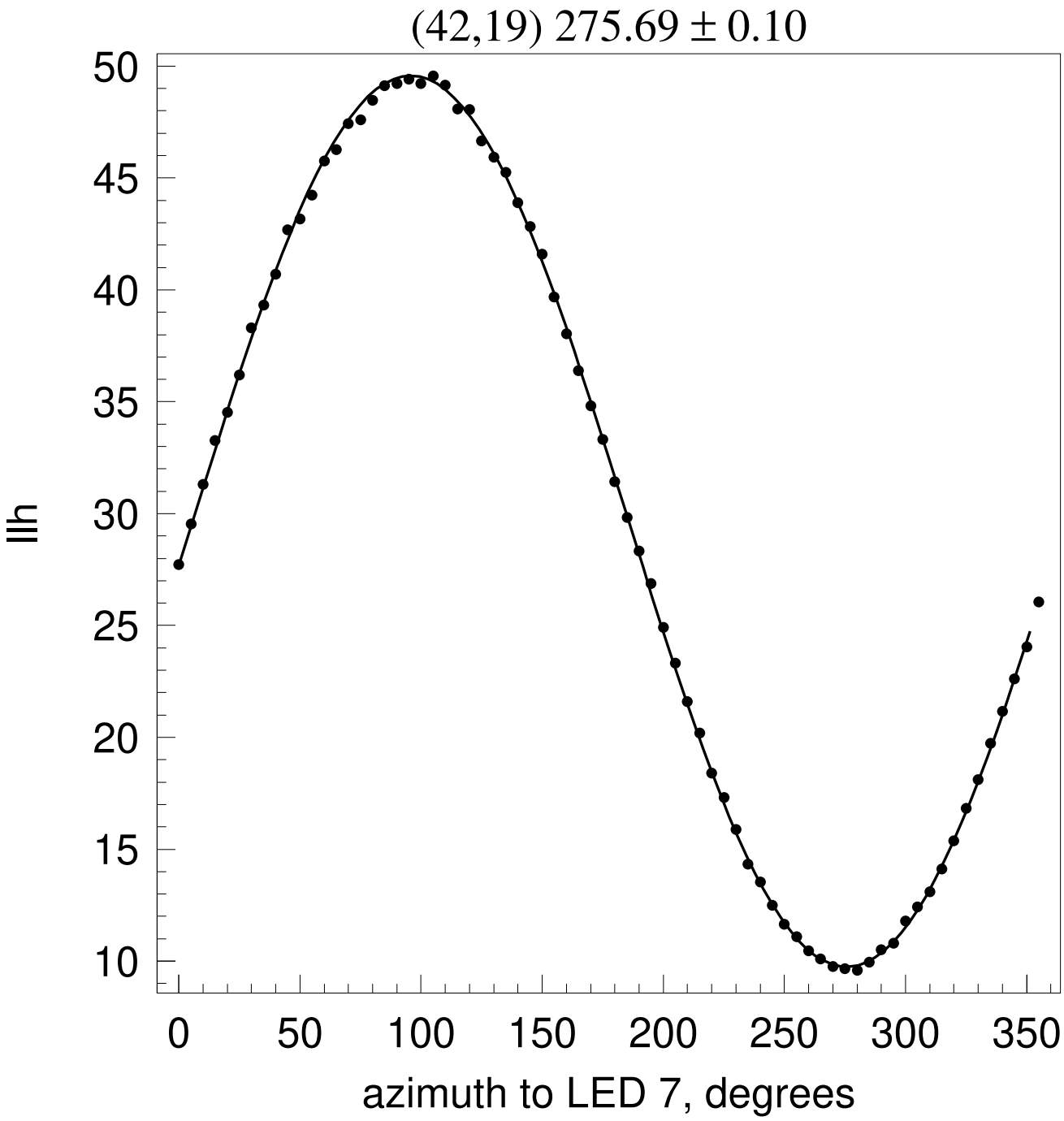

(42,14) 334.07 ± 0.26
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

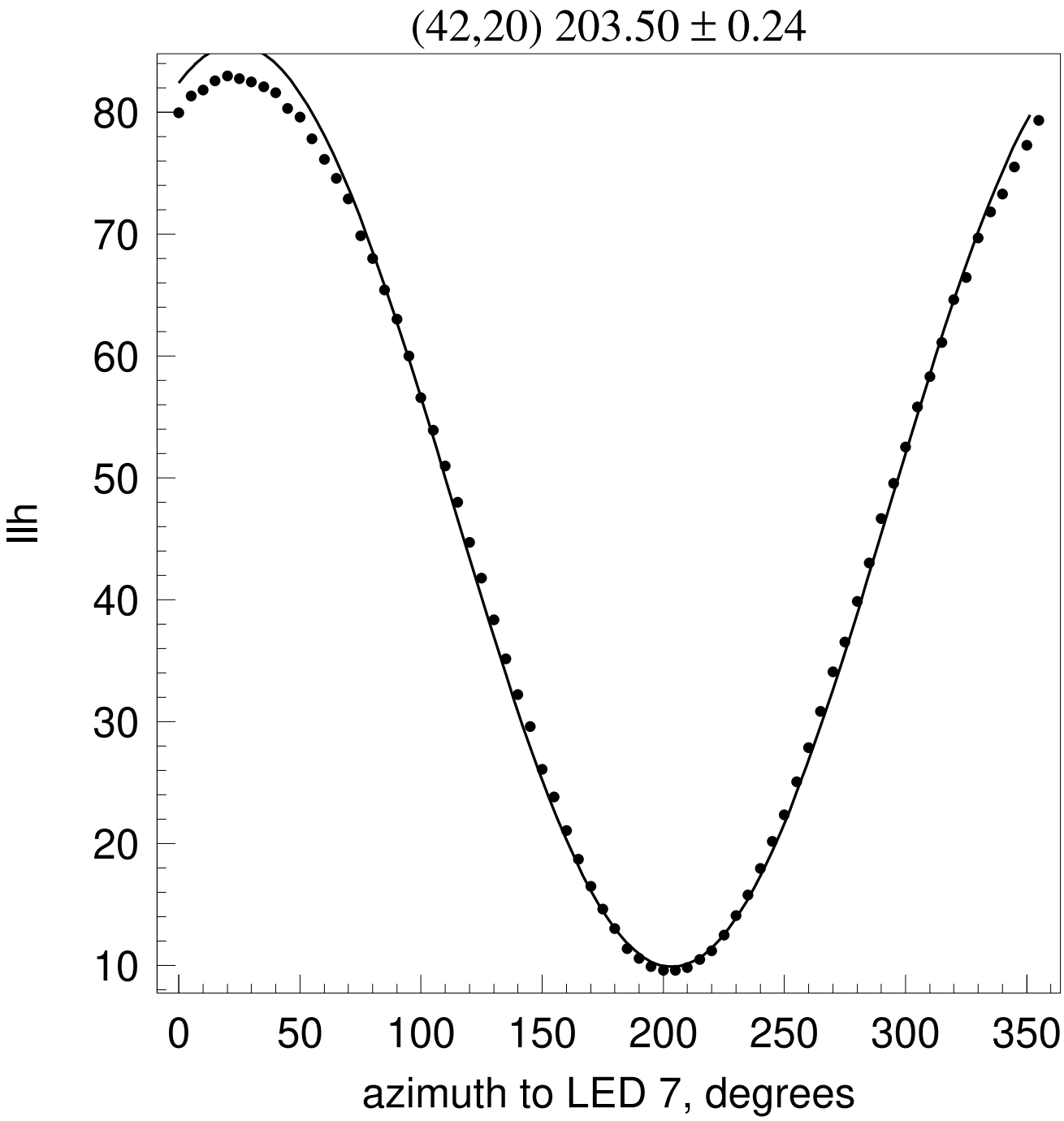

(42,15) 23.88 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

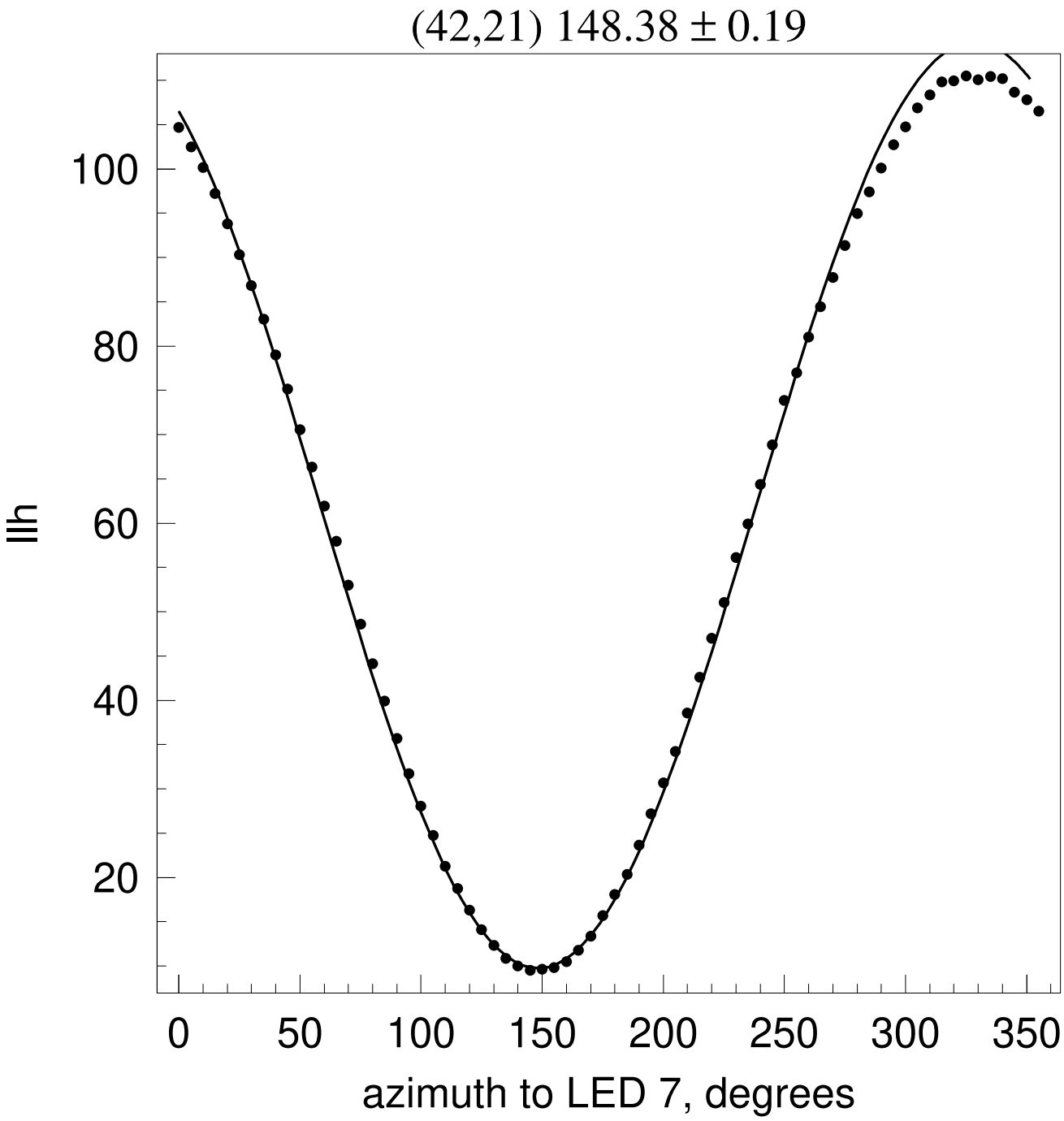

(42,16) 339.50 ± 0.12
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

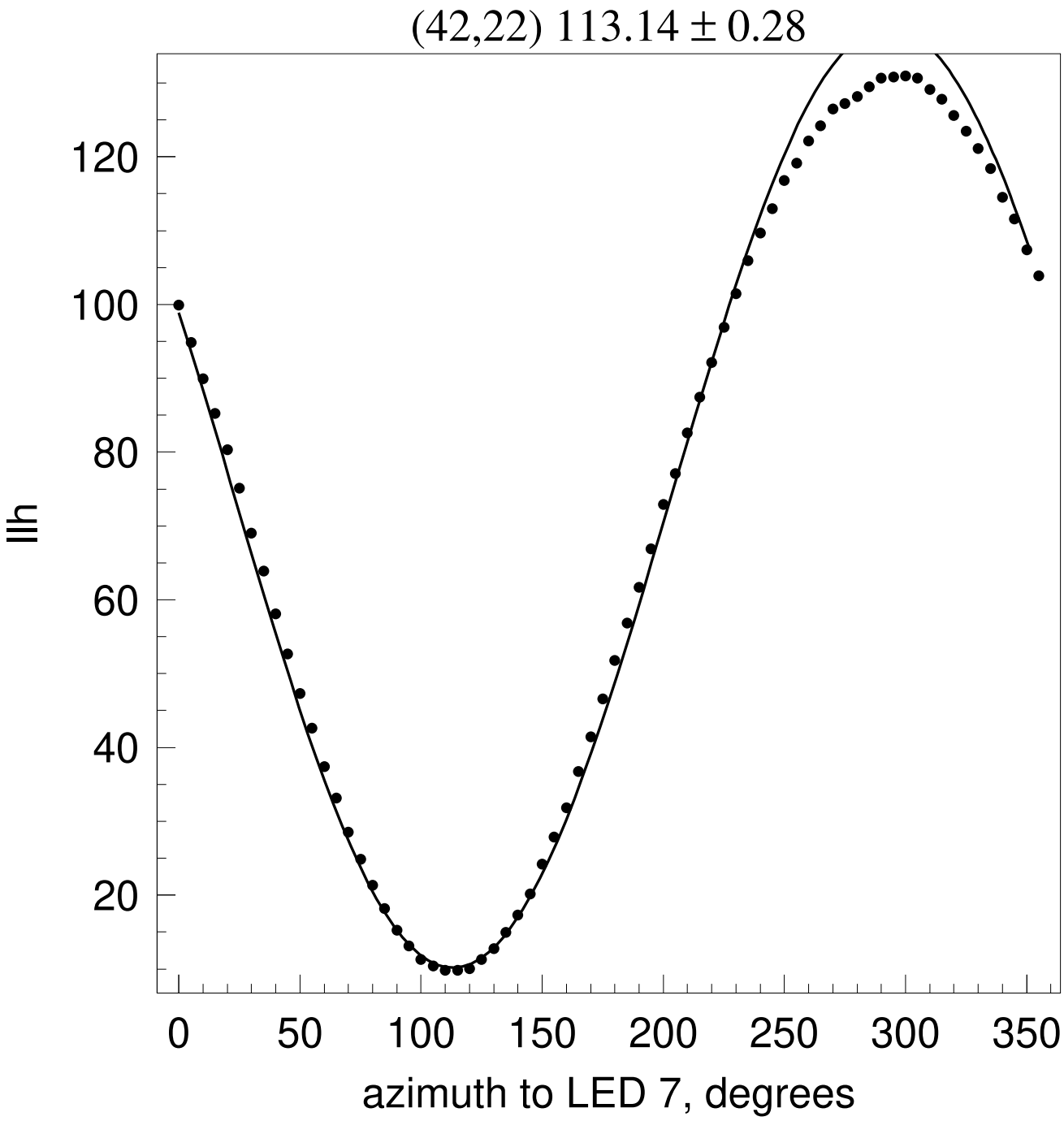

(42,17) 135.74 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

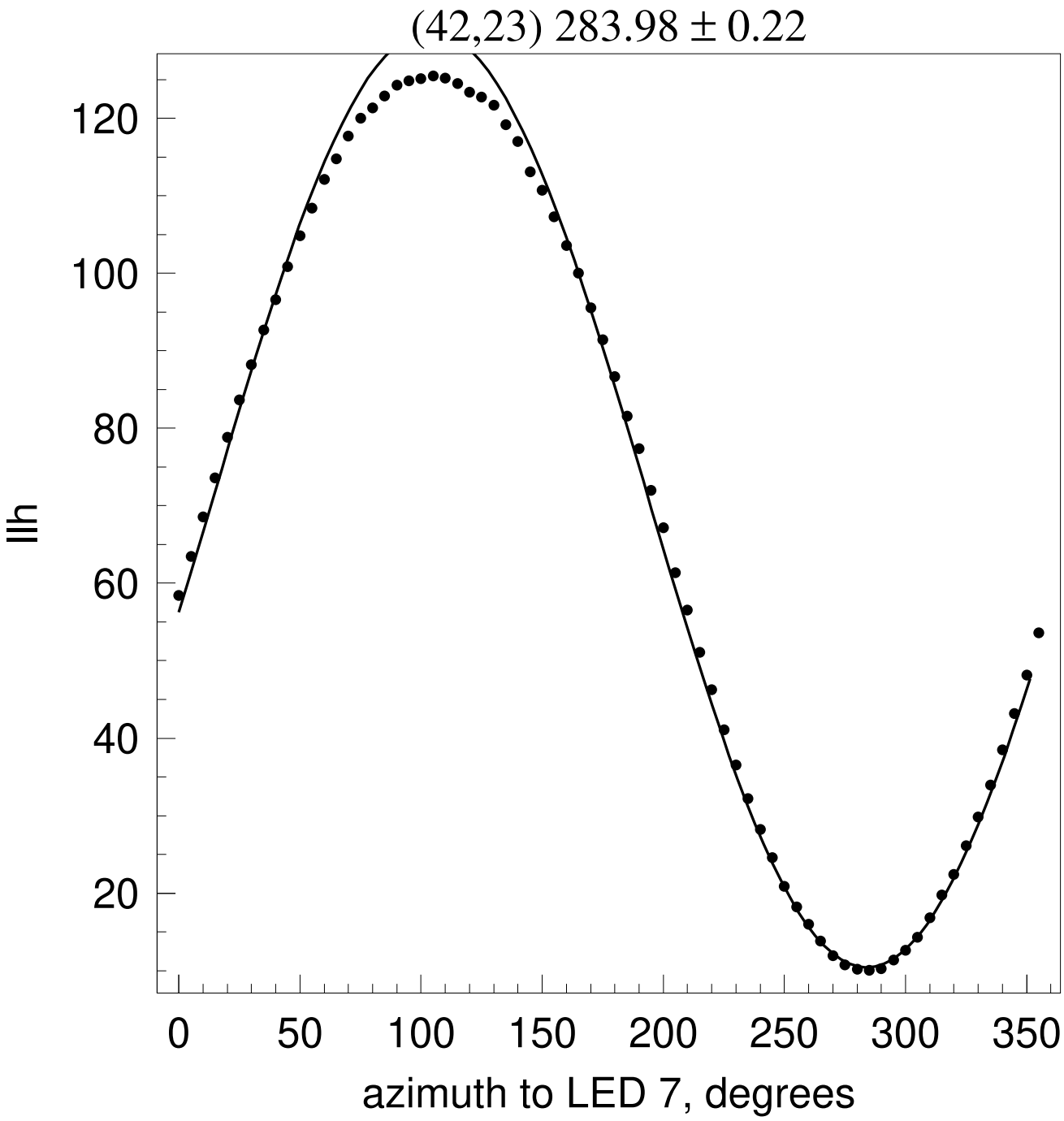

(42,18) 298.98 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

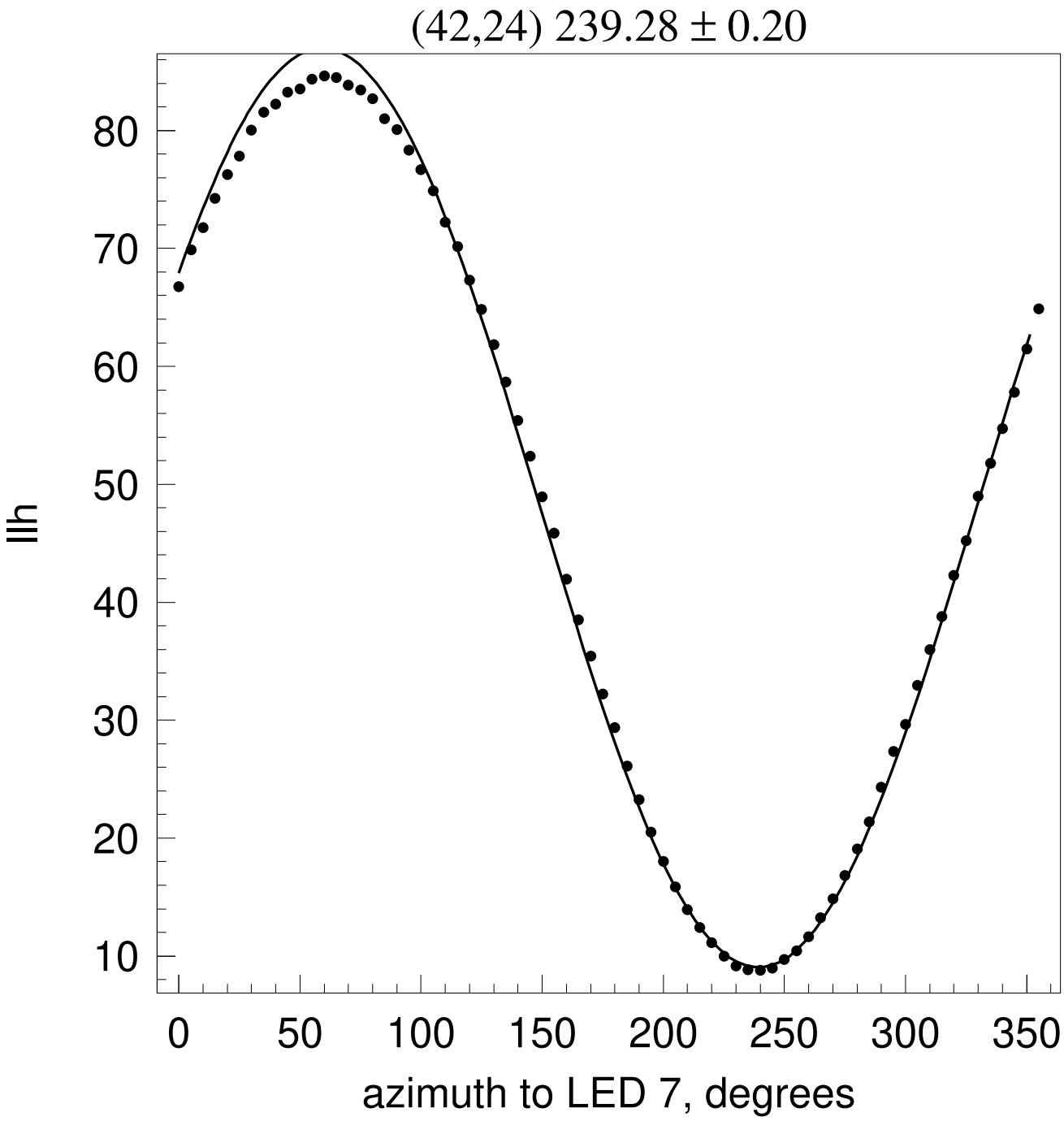

(42,19) 275.69 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

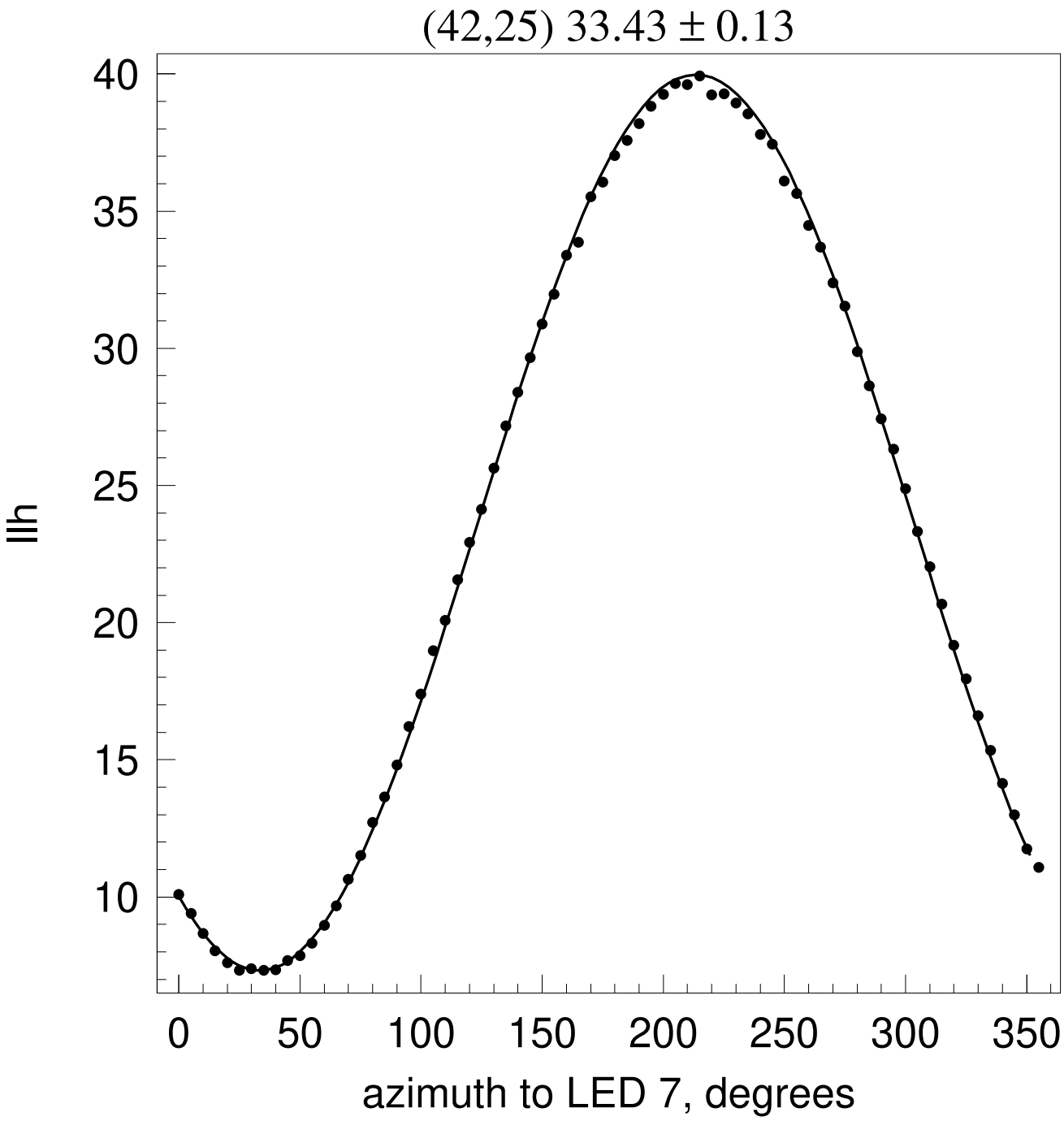

(42,20) 203.50 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

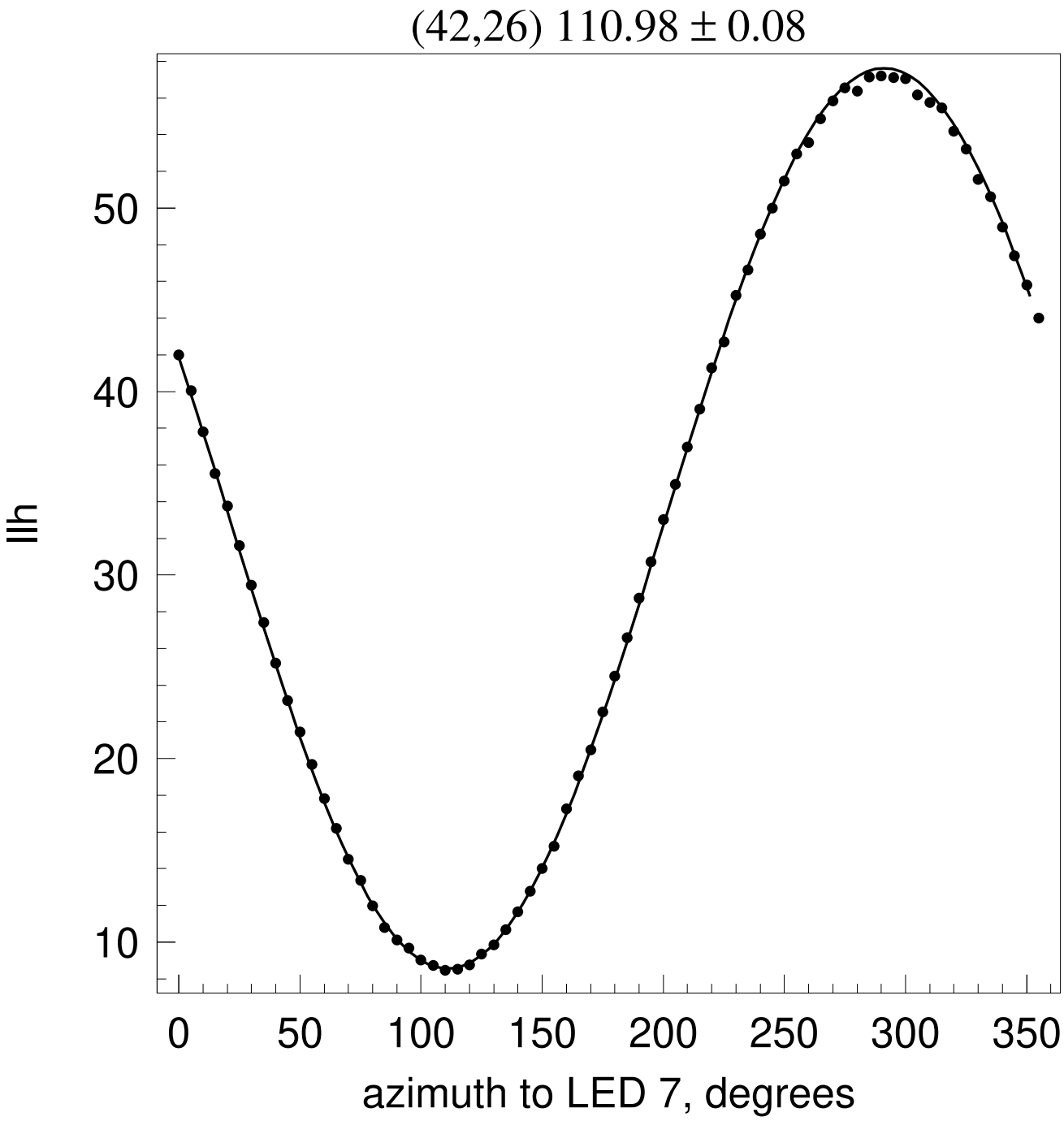

(42,21) 148.38 ± 0.19
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

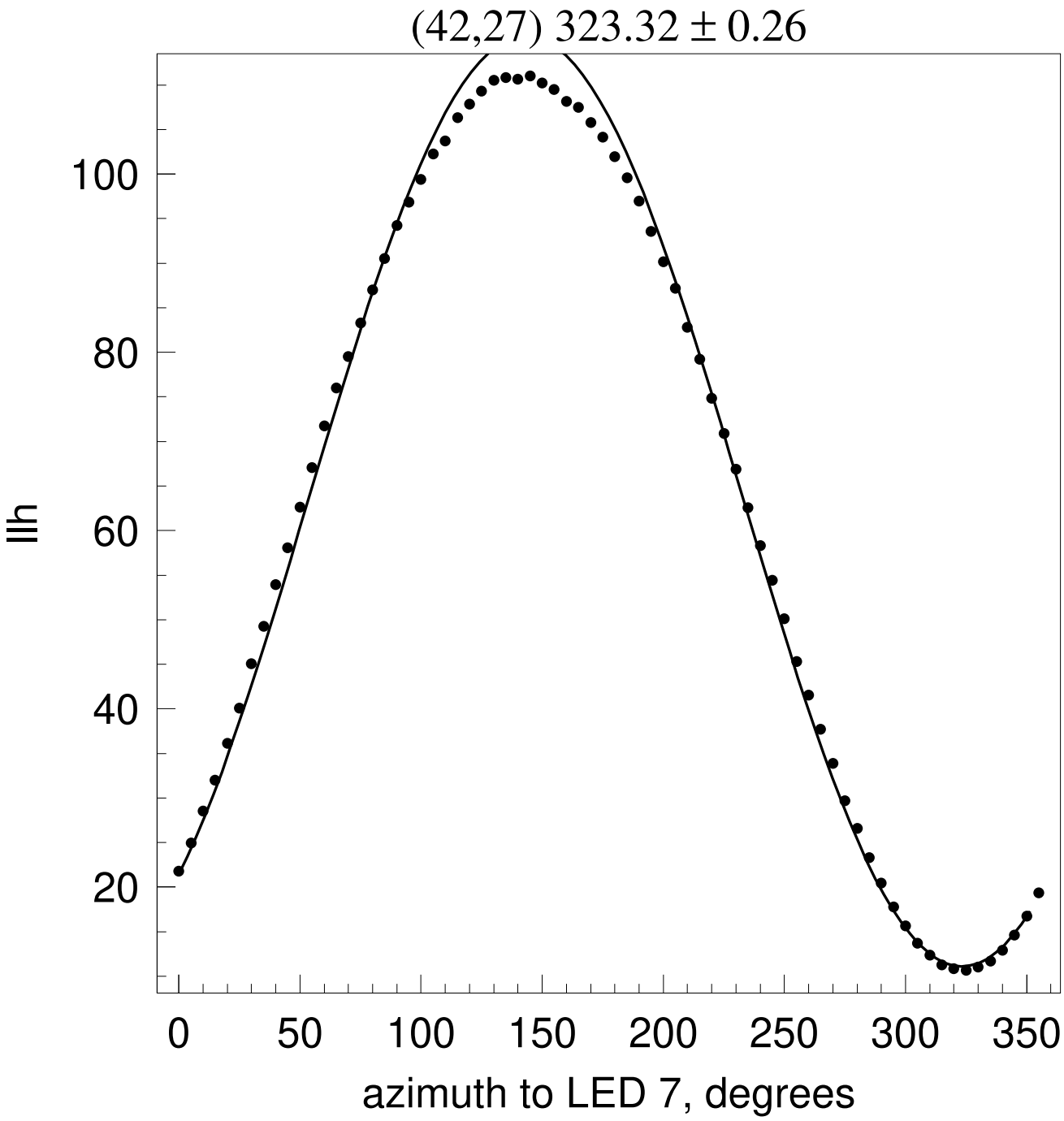

(42,22) 113.14 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

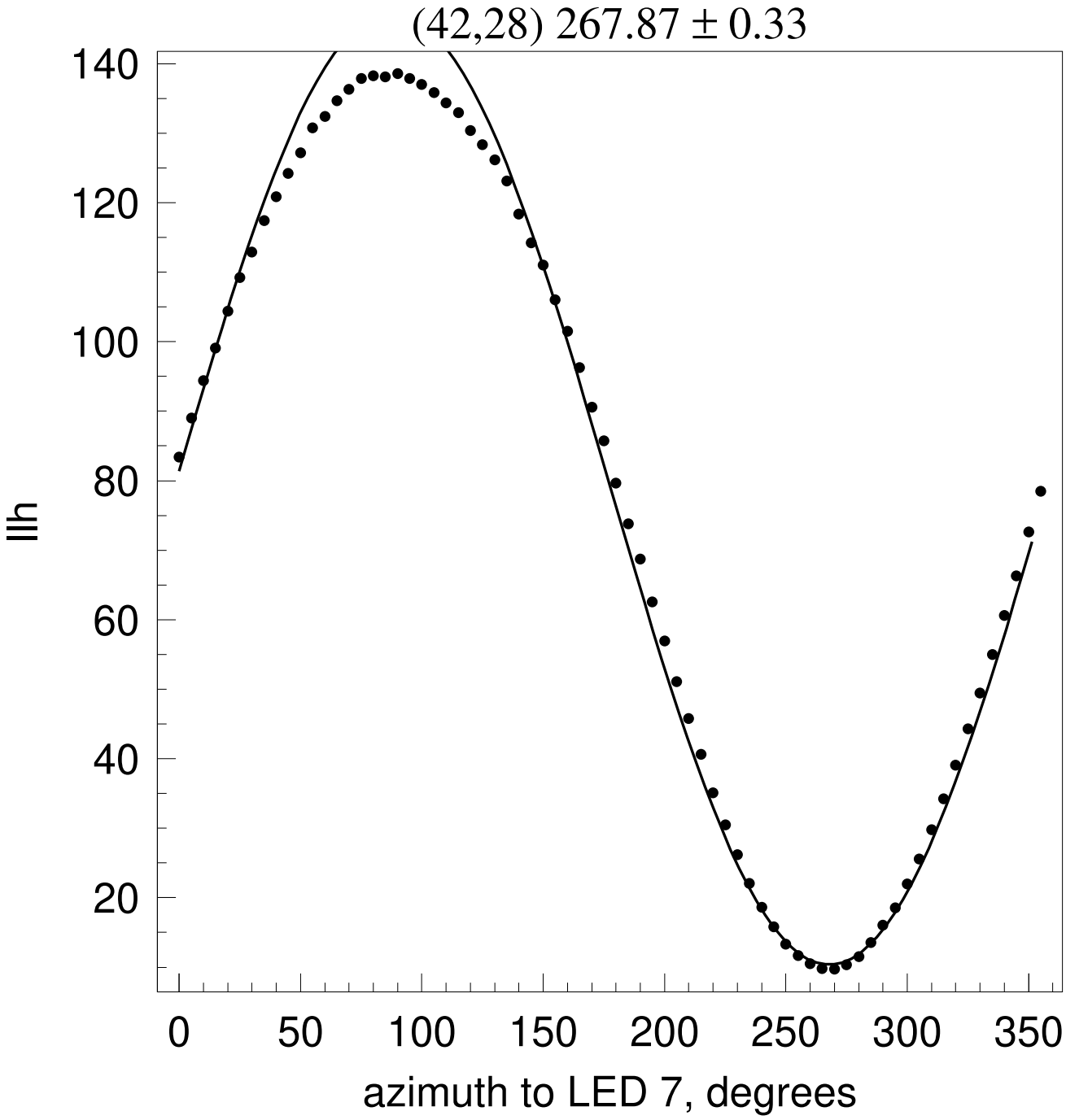

(42,23) 283.98 ± 0.22
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

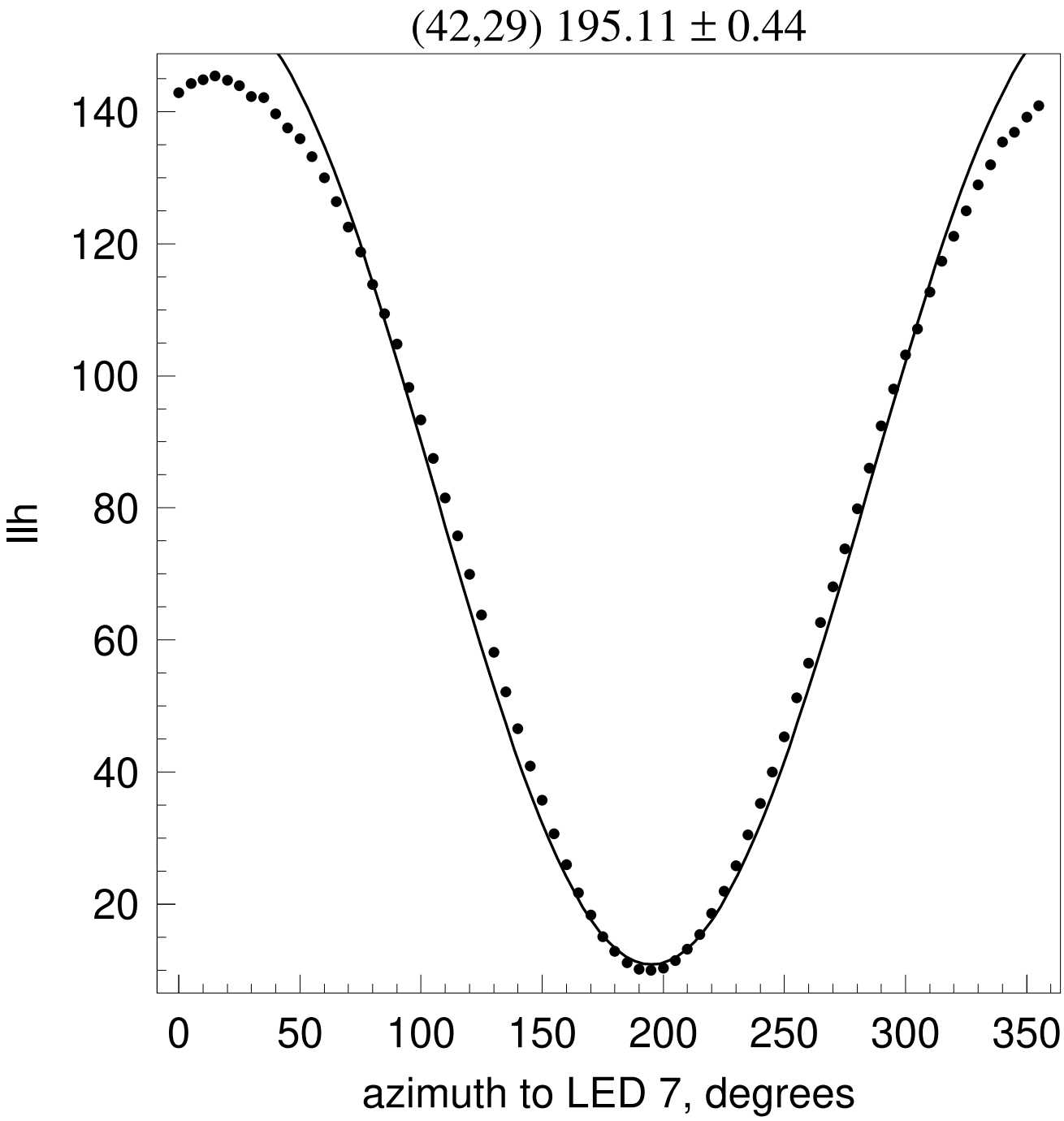

(42,24) 239.28 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

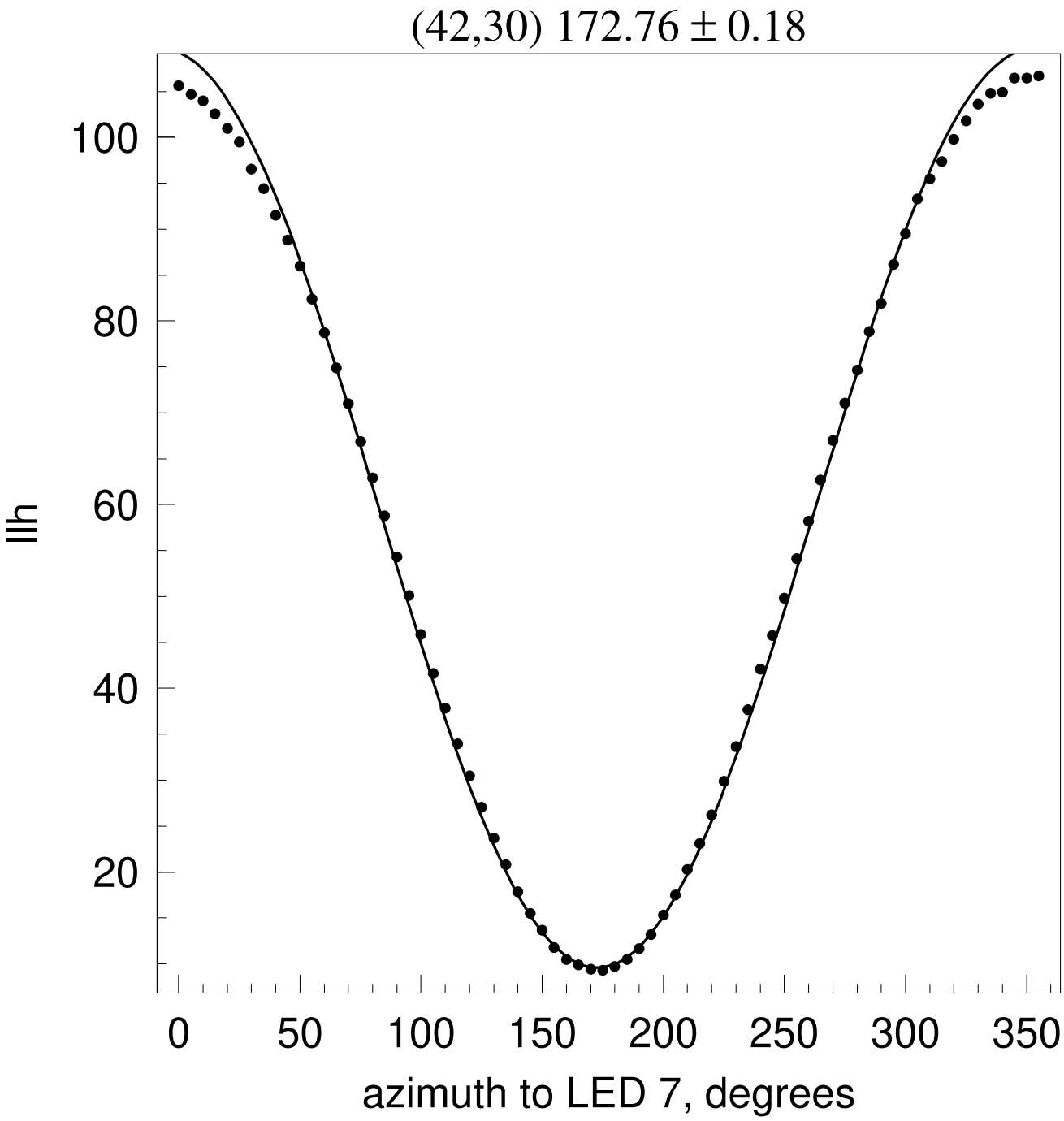

(42,25) 33.43 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

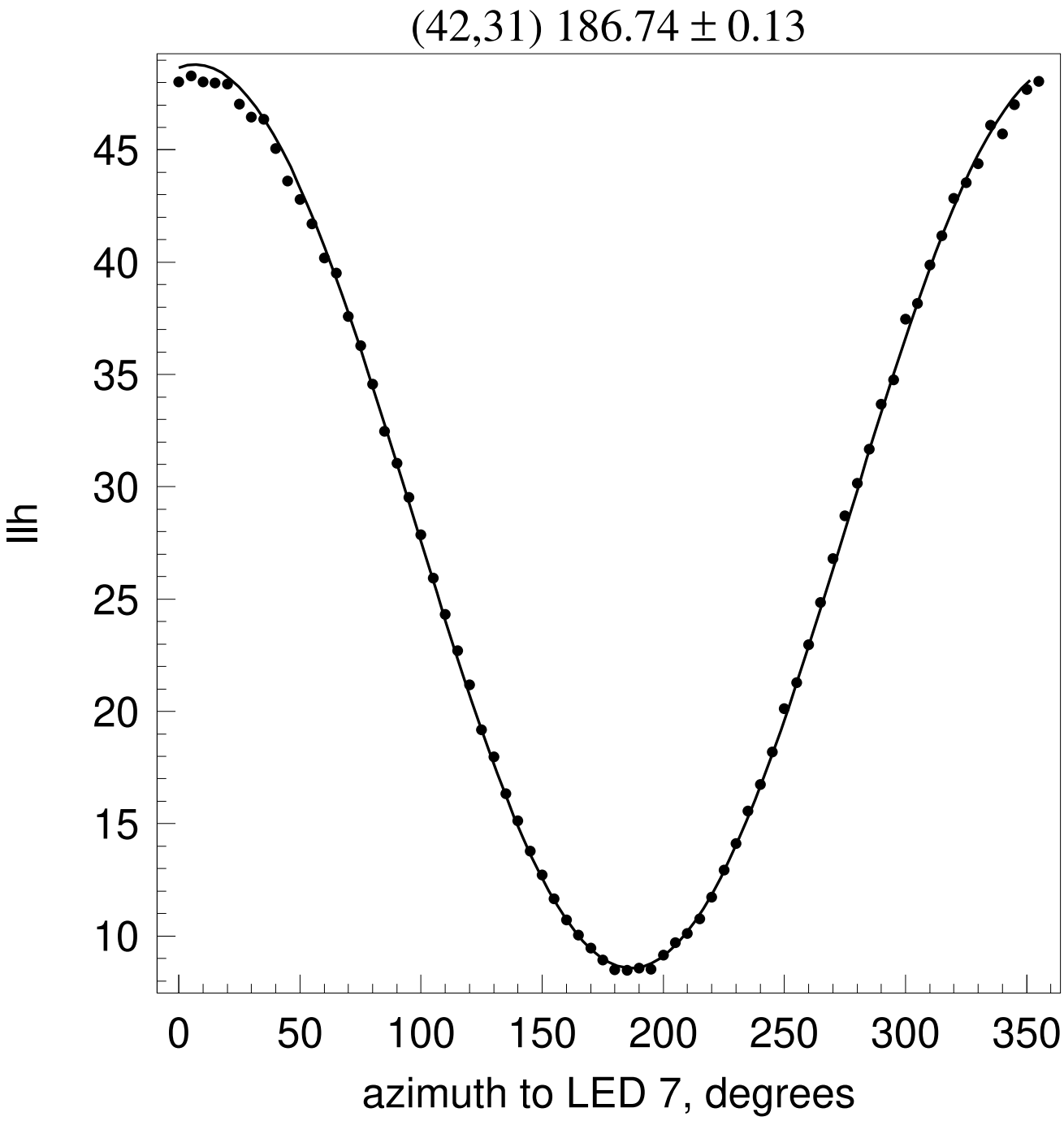

(42,26) 110.98 ± 0.08
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

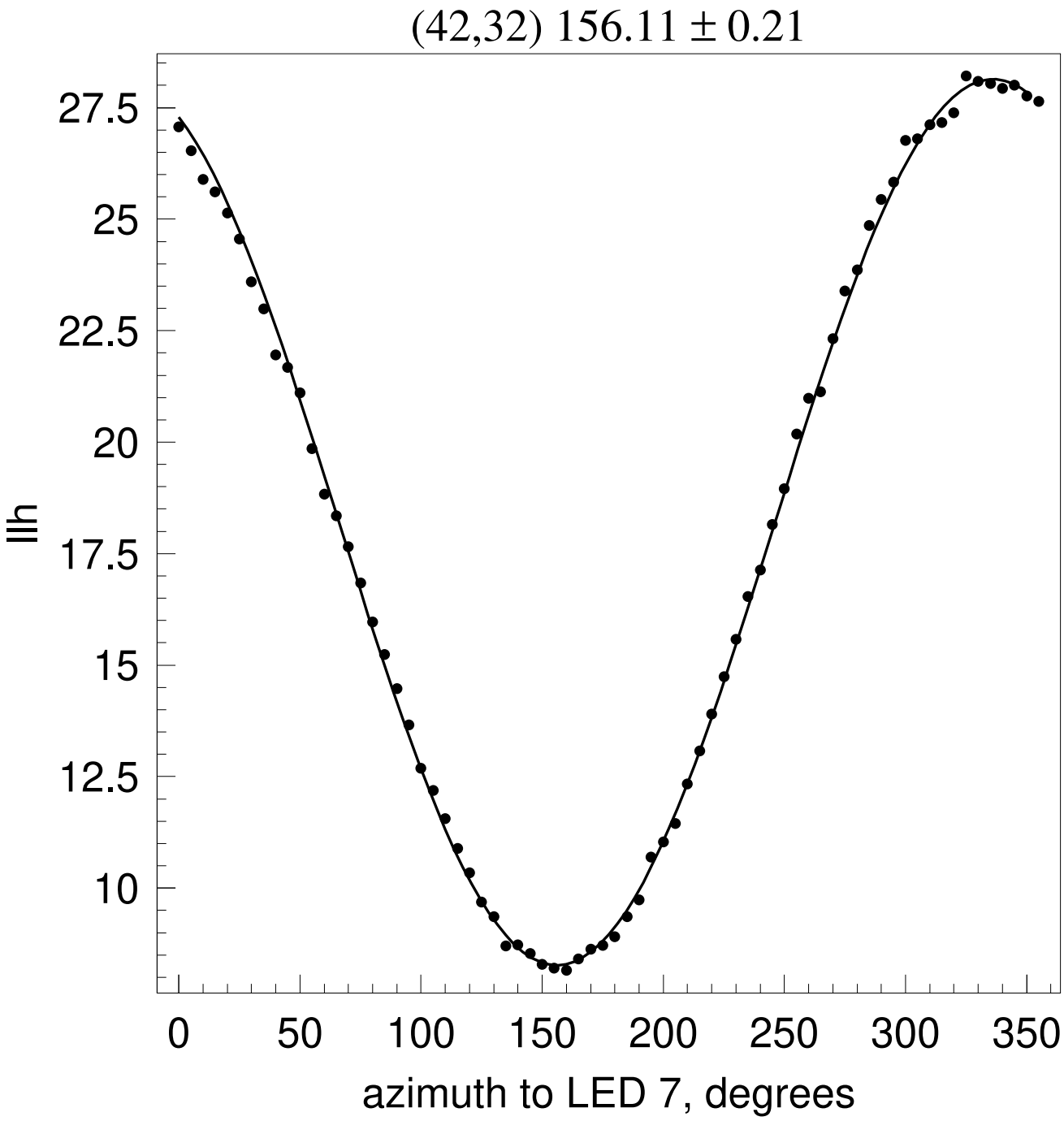

(42,27) 323.32 ± 0.26
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

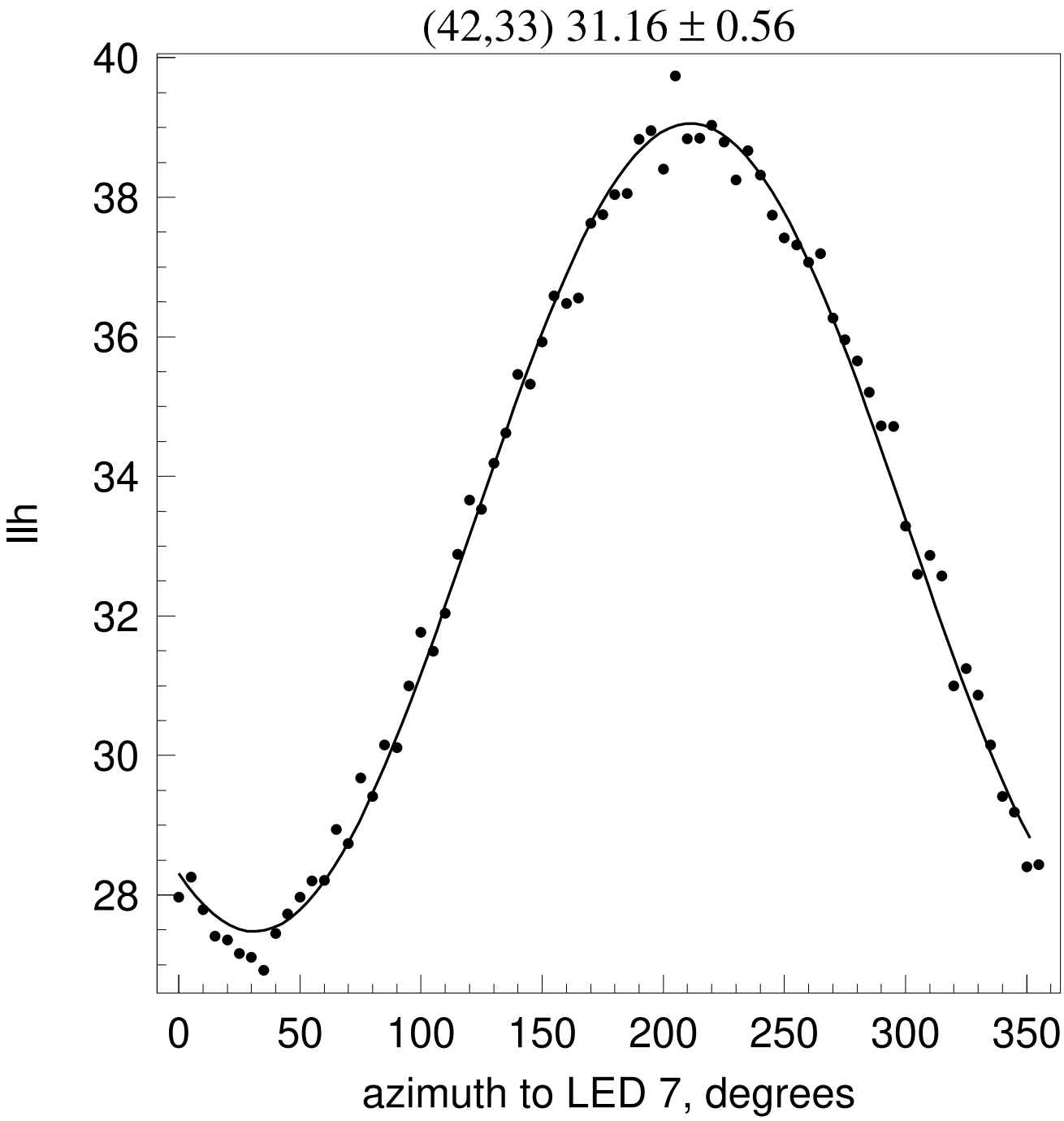

(42,28) 267.87 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

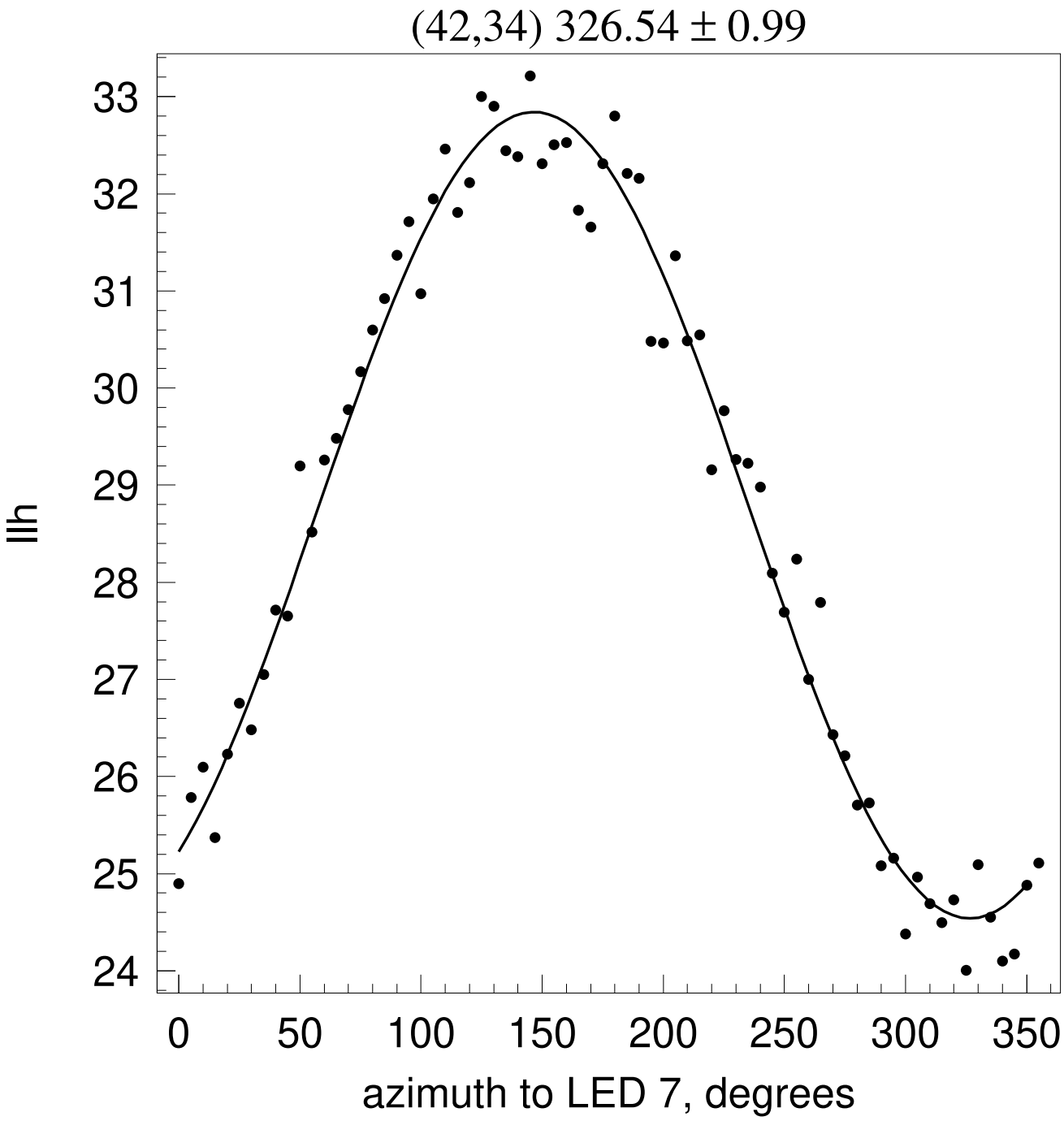

(42,29) 195.11 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

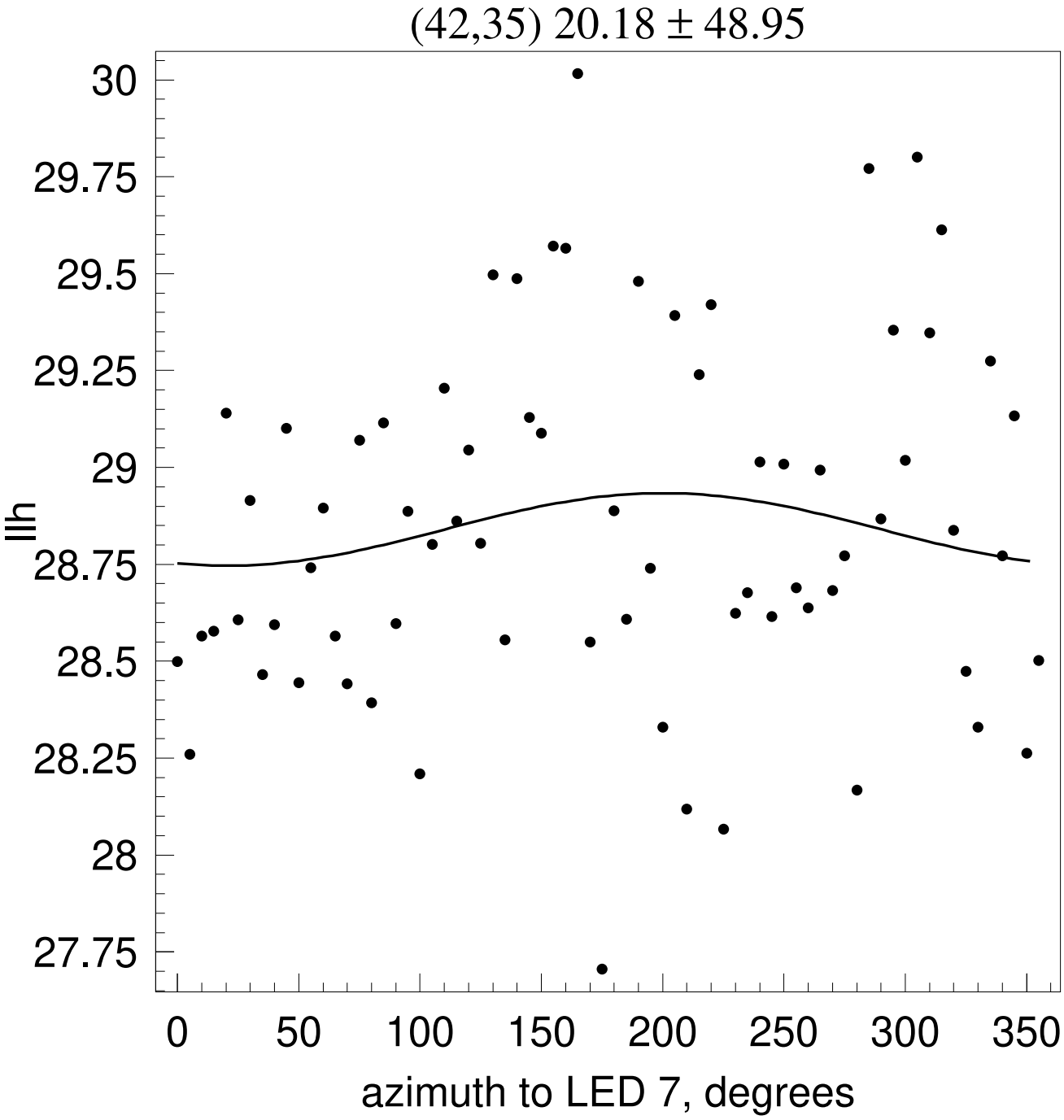

(42,30) 172.76 ± 0.18
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

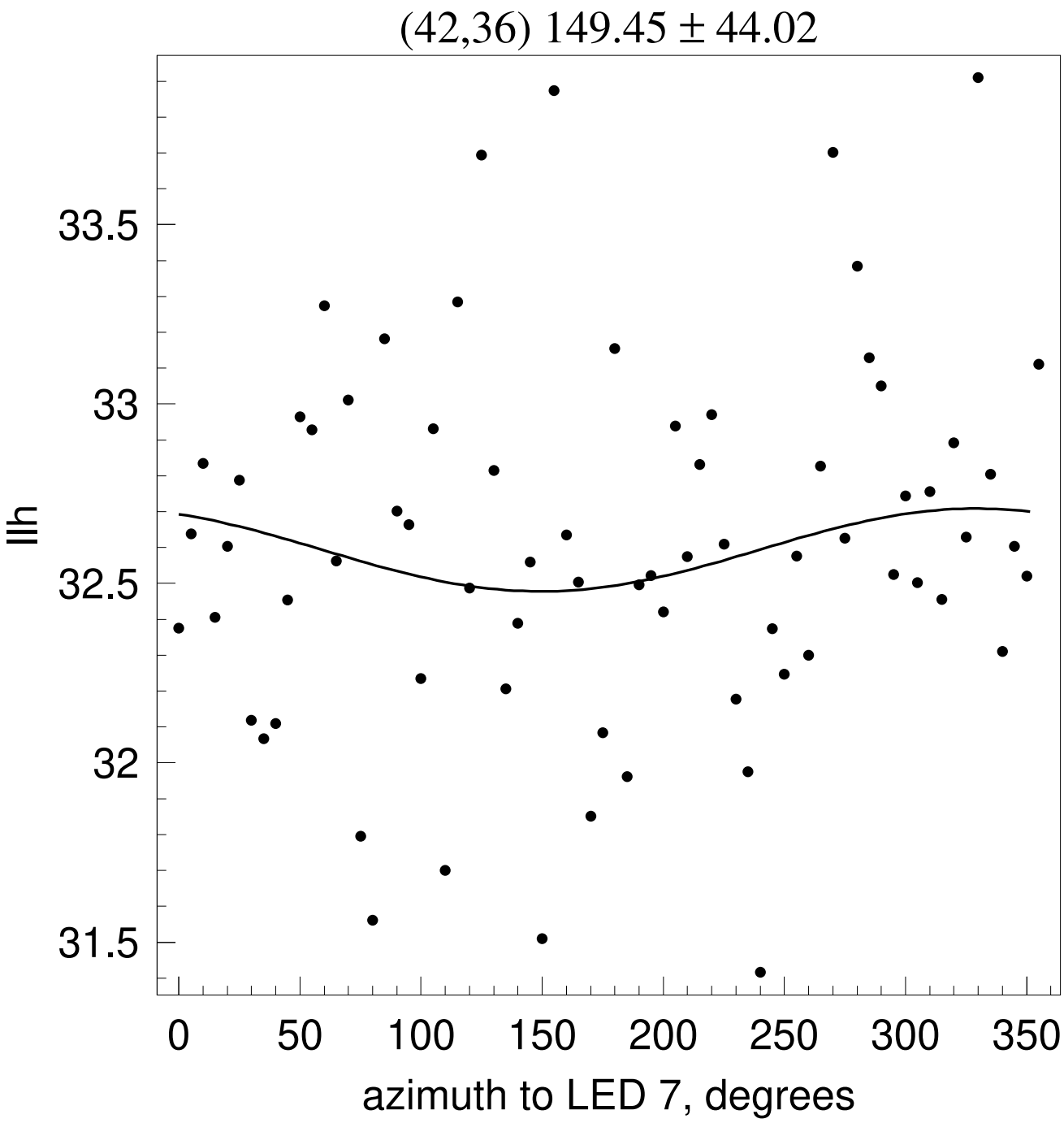

(42,31) 186.74 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

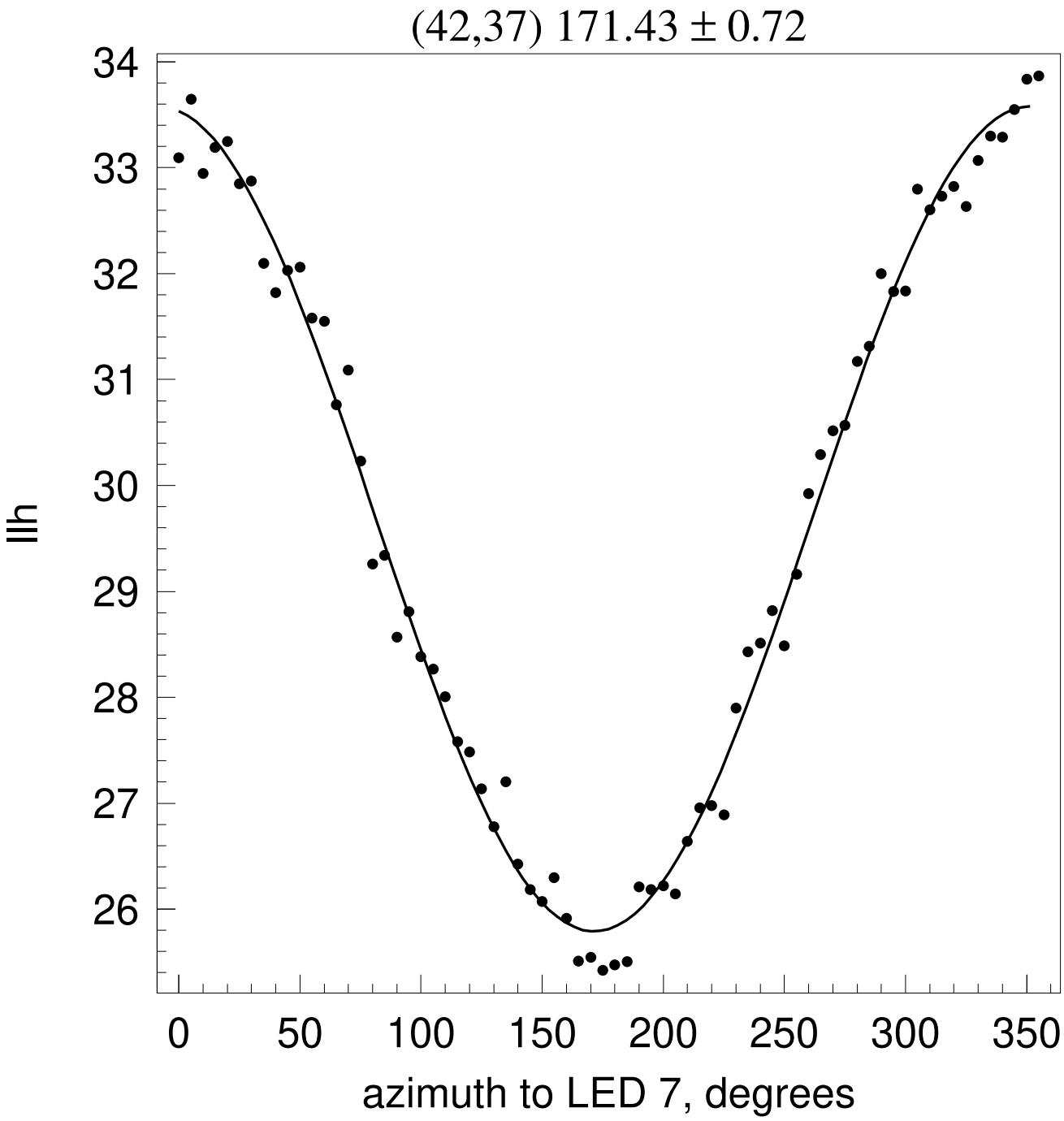

(42,32) 156.11 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

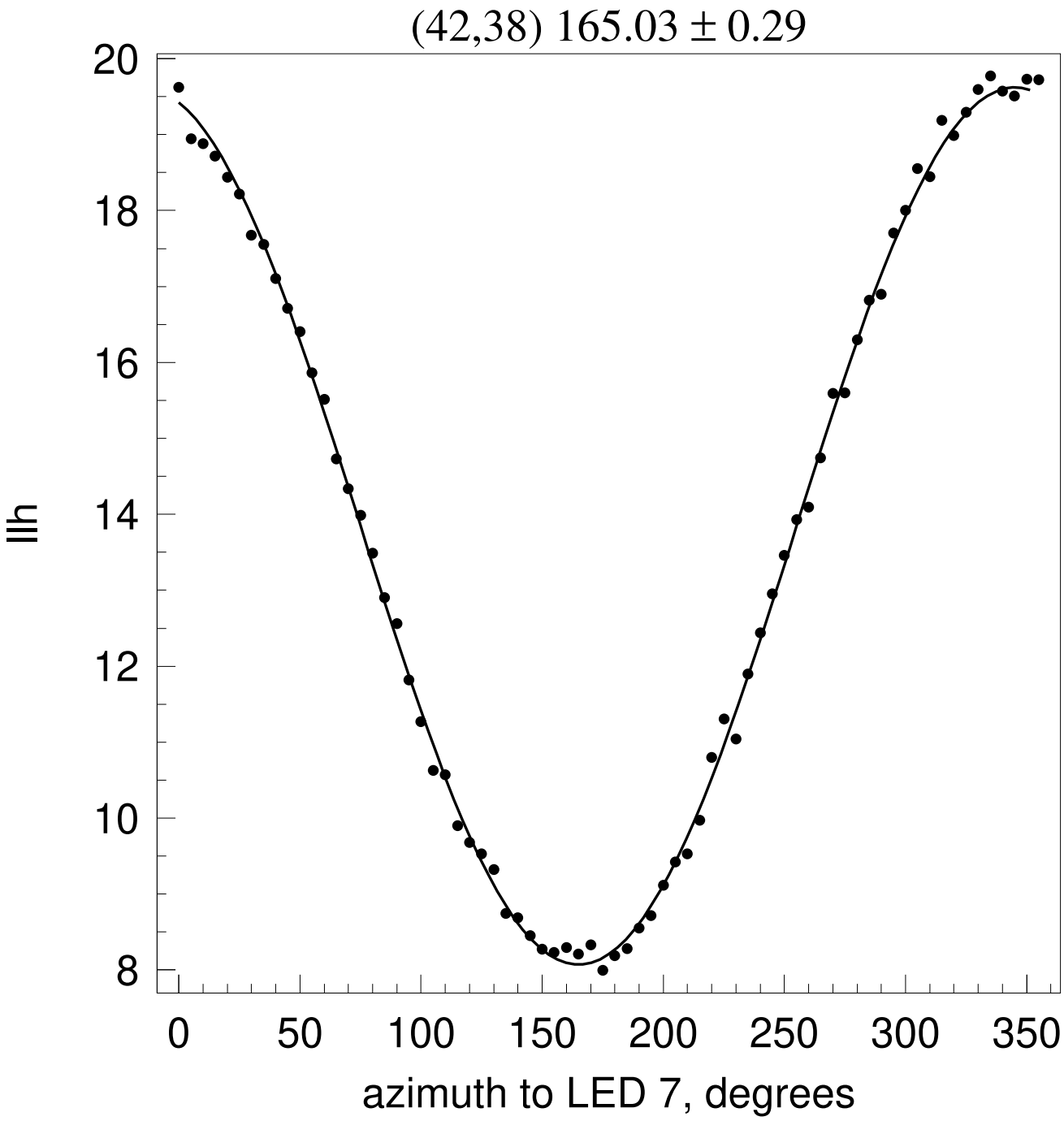

(42,33) 31.16 ± 0.56
40
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

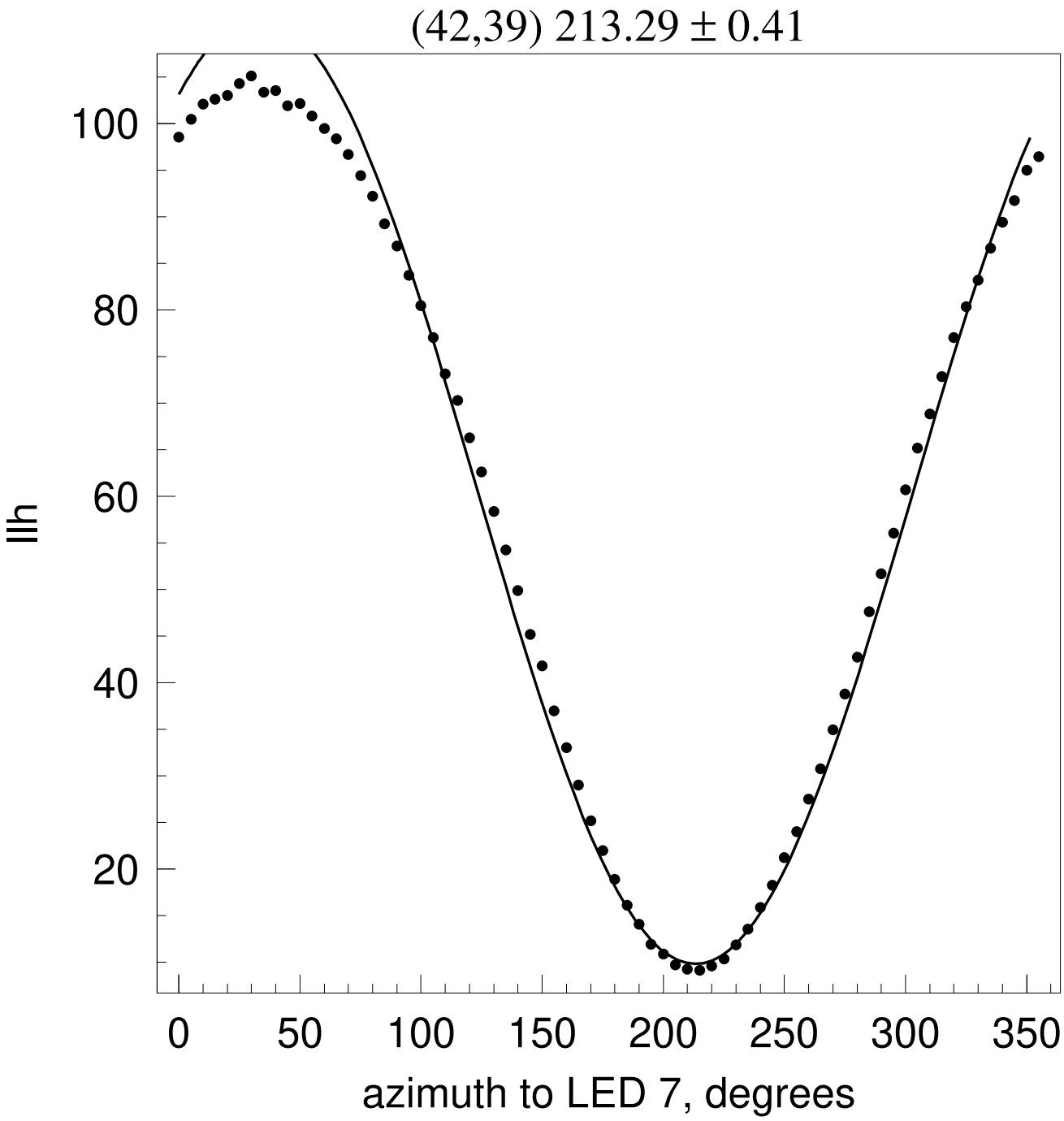

(42,34) 326.54 ± 0.99
33
32
31
30
29
28
27
26
25
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

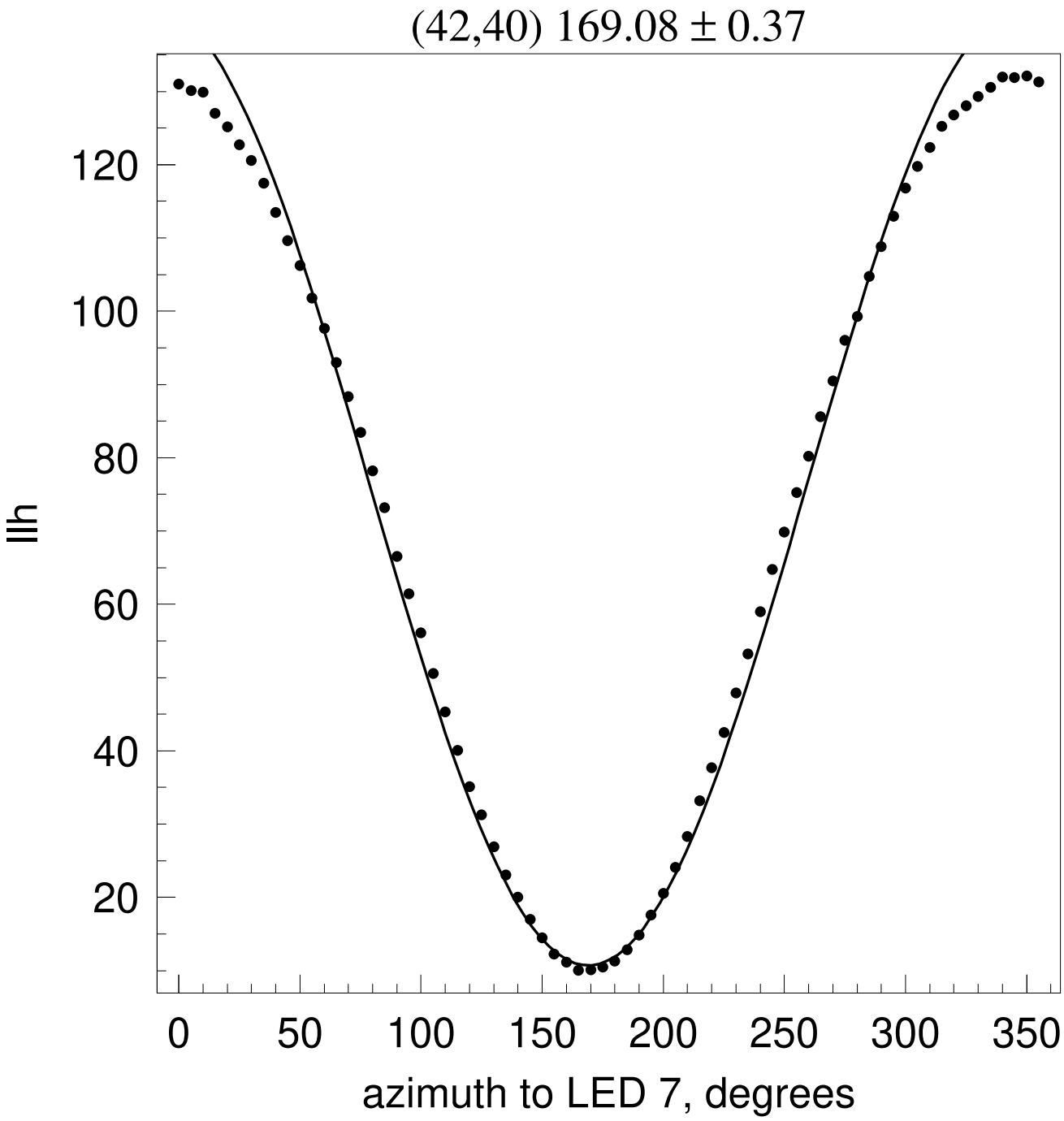

(42,35) 20.18 ± 48.95
30
29.75
29.5
29.25
29
28.75
28.5
28.25
28
27.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

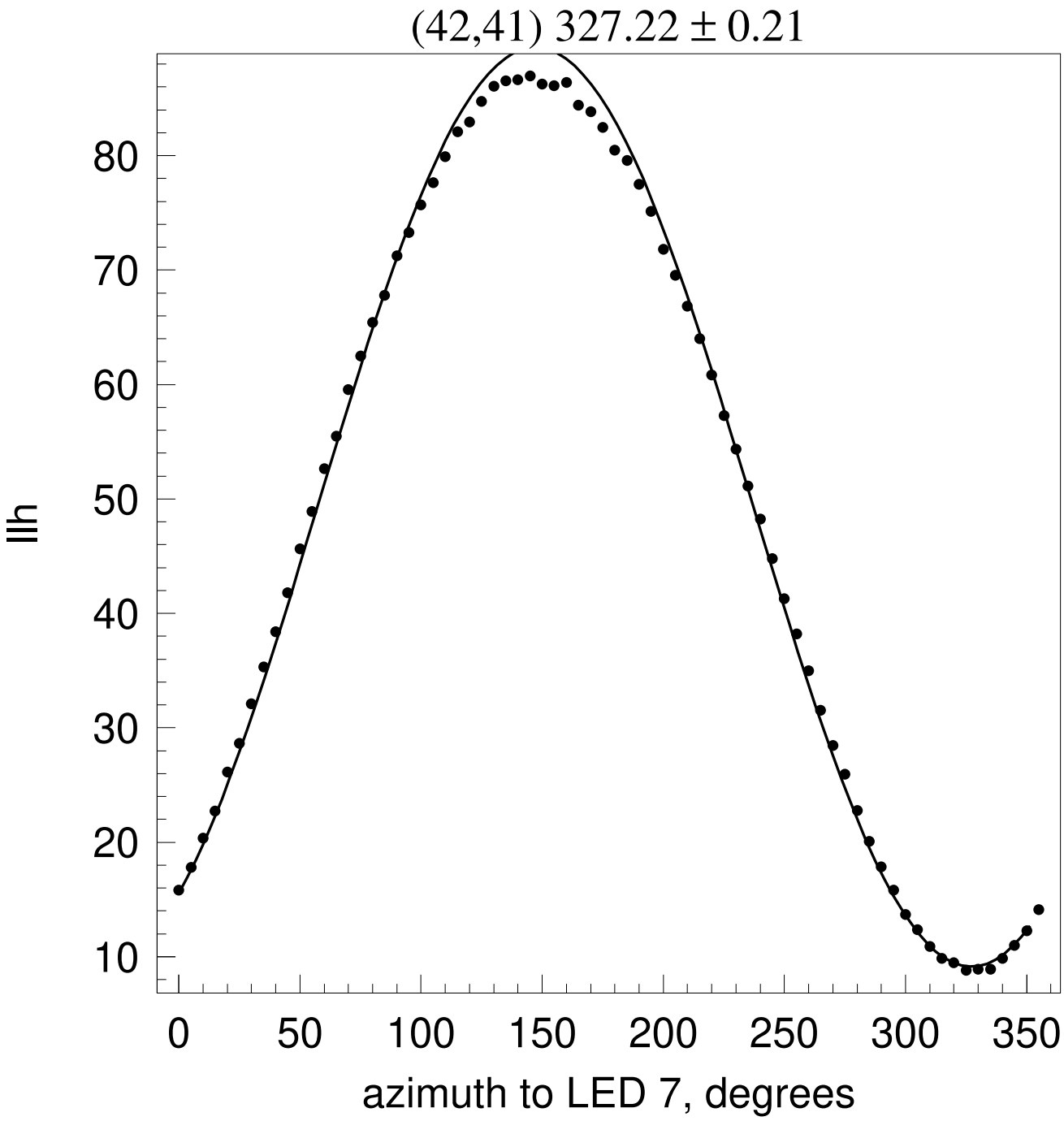

(42,36) 149.45 ± 44.02
33.5
33
32.5
32
31.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

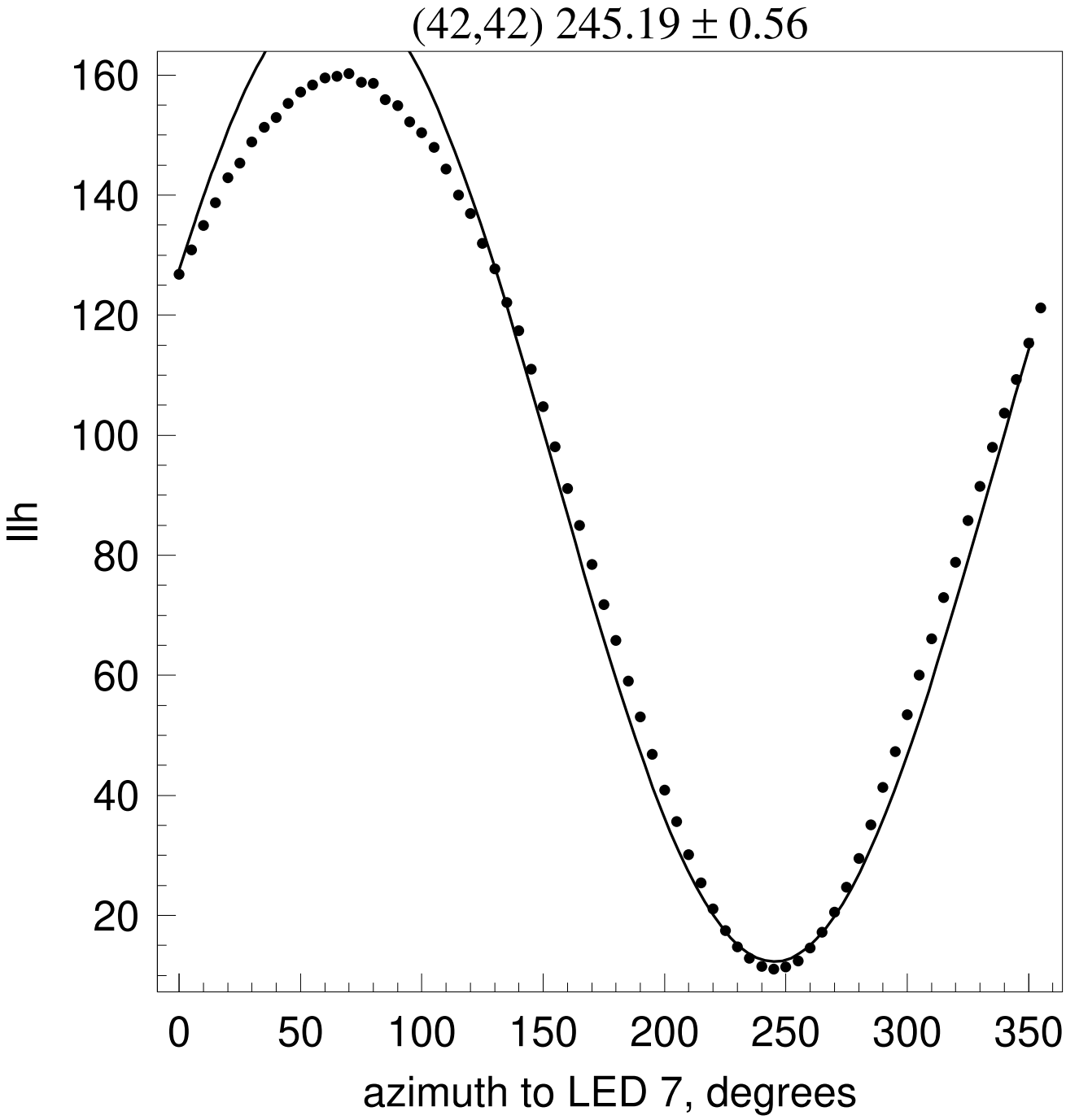

(42,37) 171.43 ± 0.72
34
33
32
31
30
29
28
27
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

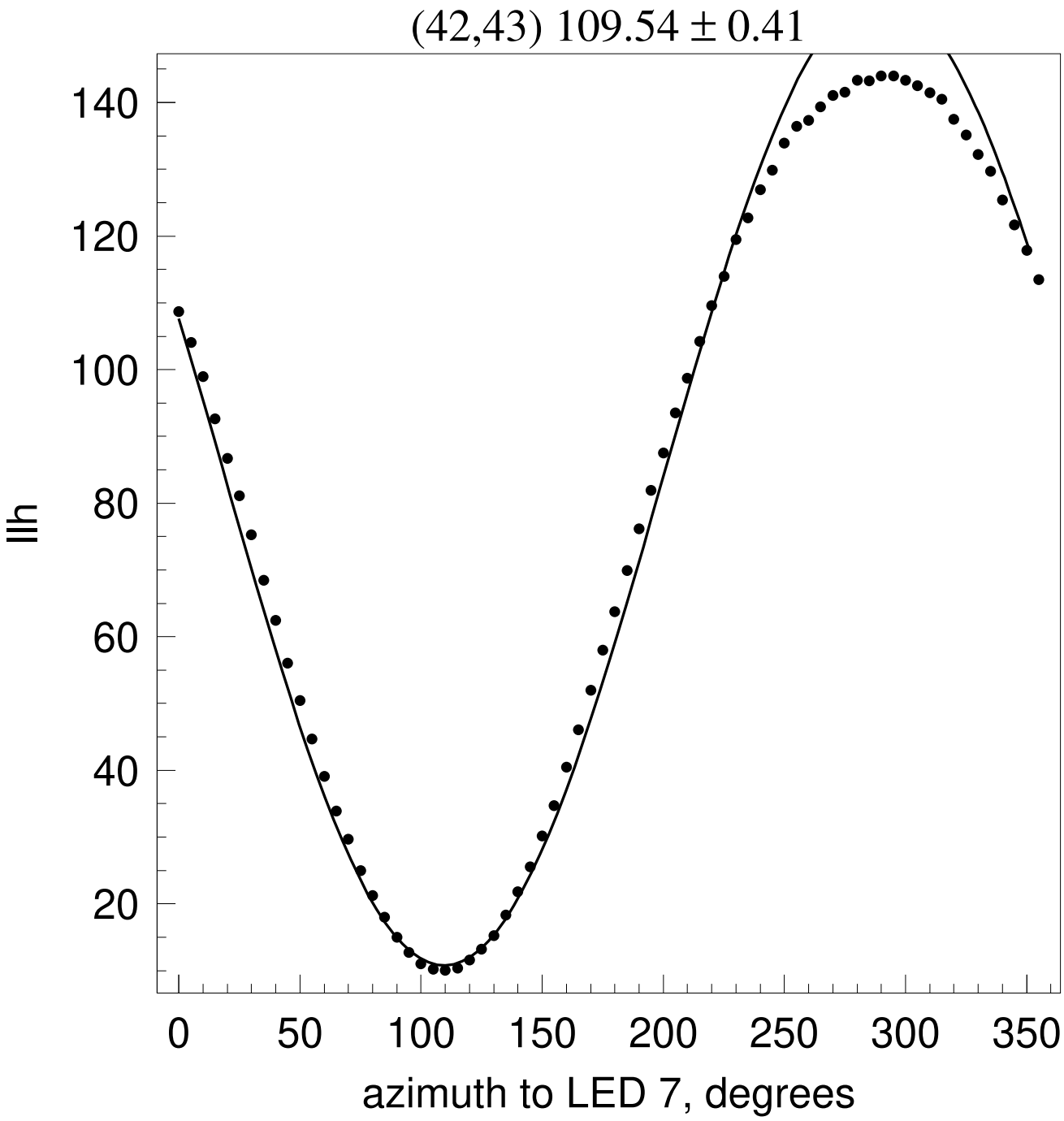

(42,38) 165.03 ± 0.29
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

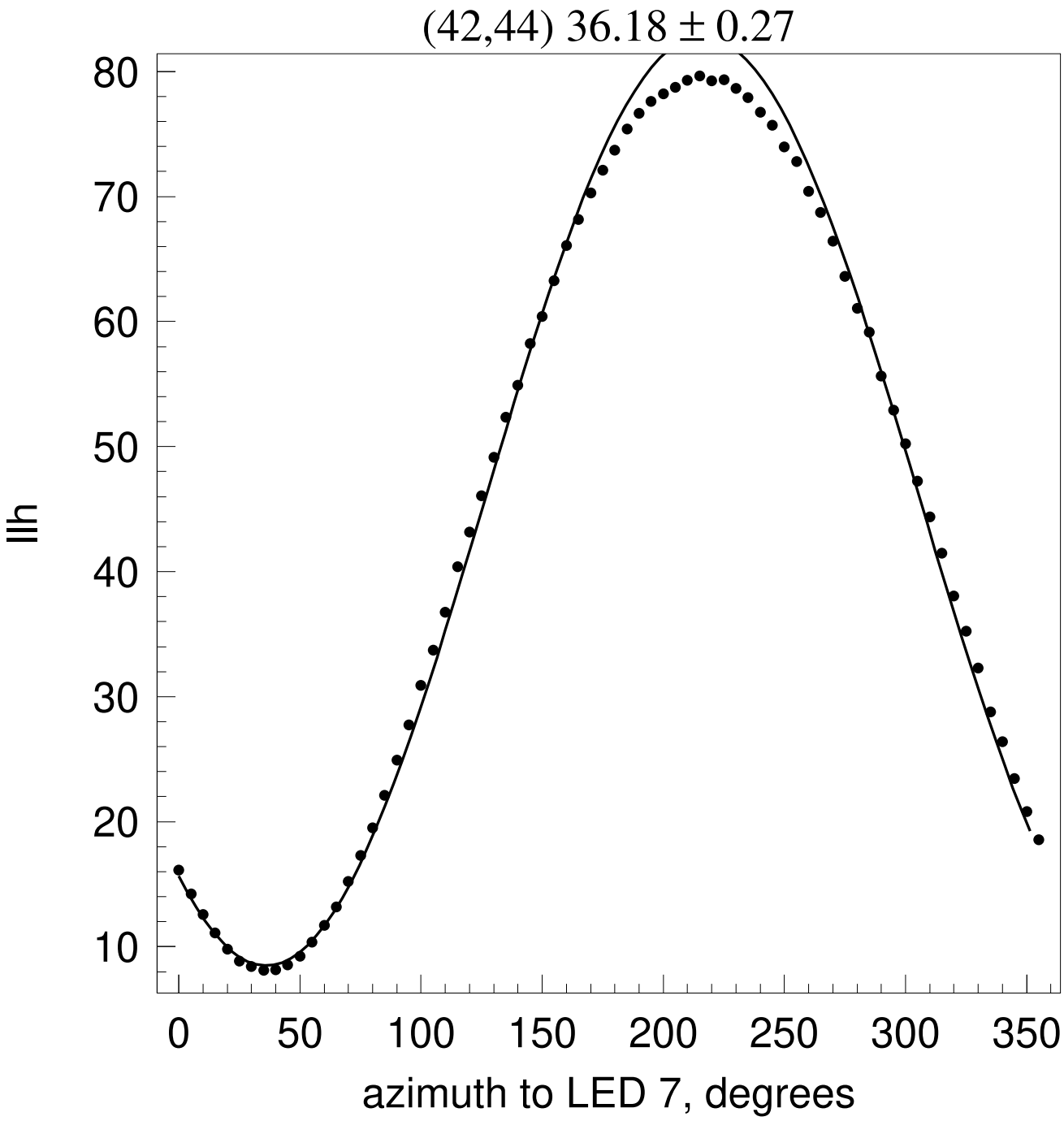

(42,39) 213.29 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

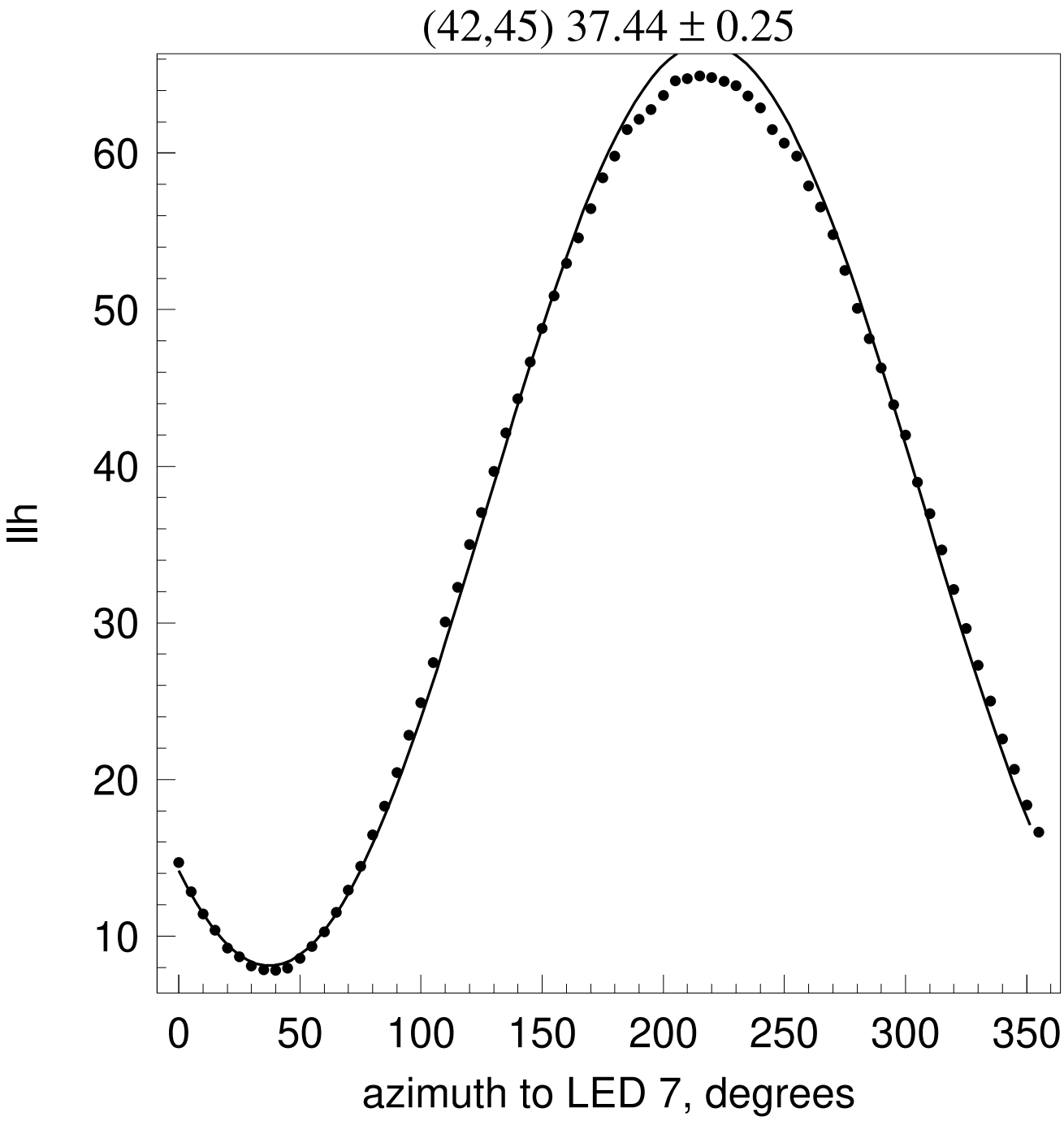

(42,40) 169.08 ± 0.37
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

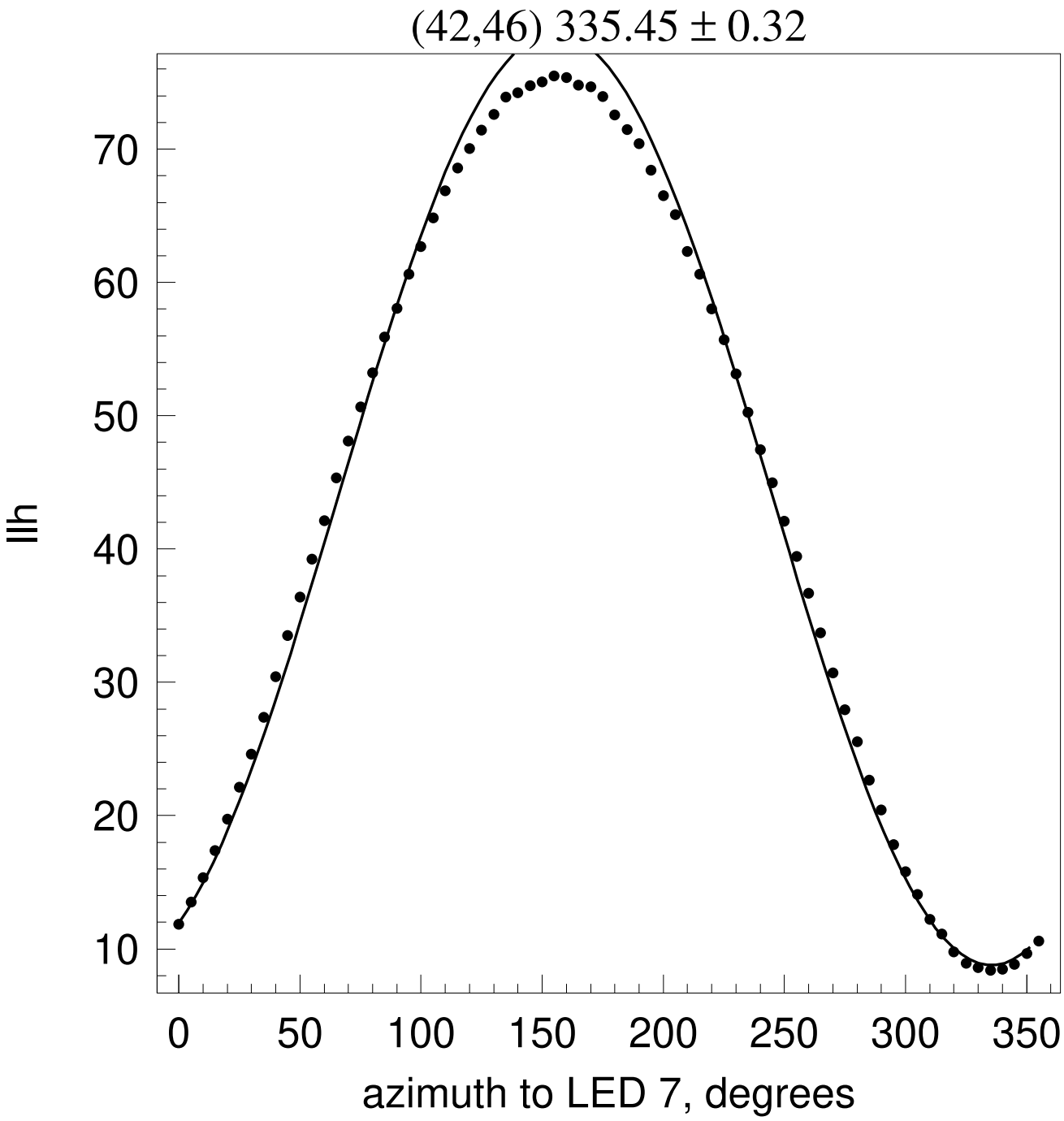

(42,41) 327.22 ± 0.21
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

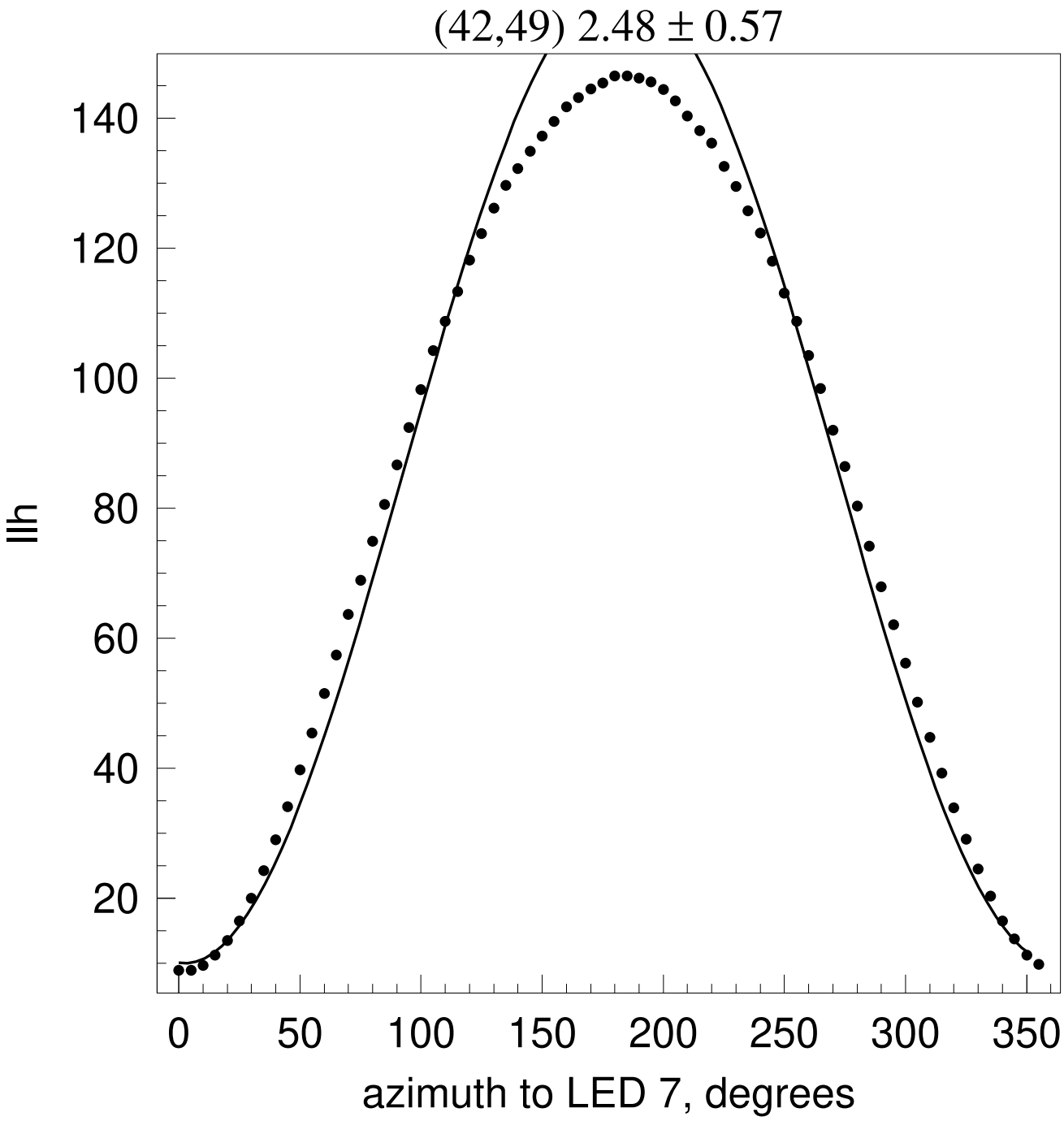

(42,42) 245.19 ± 0.56
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

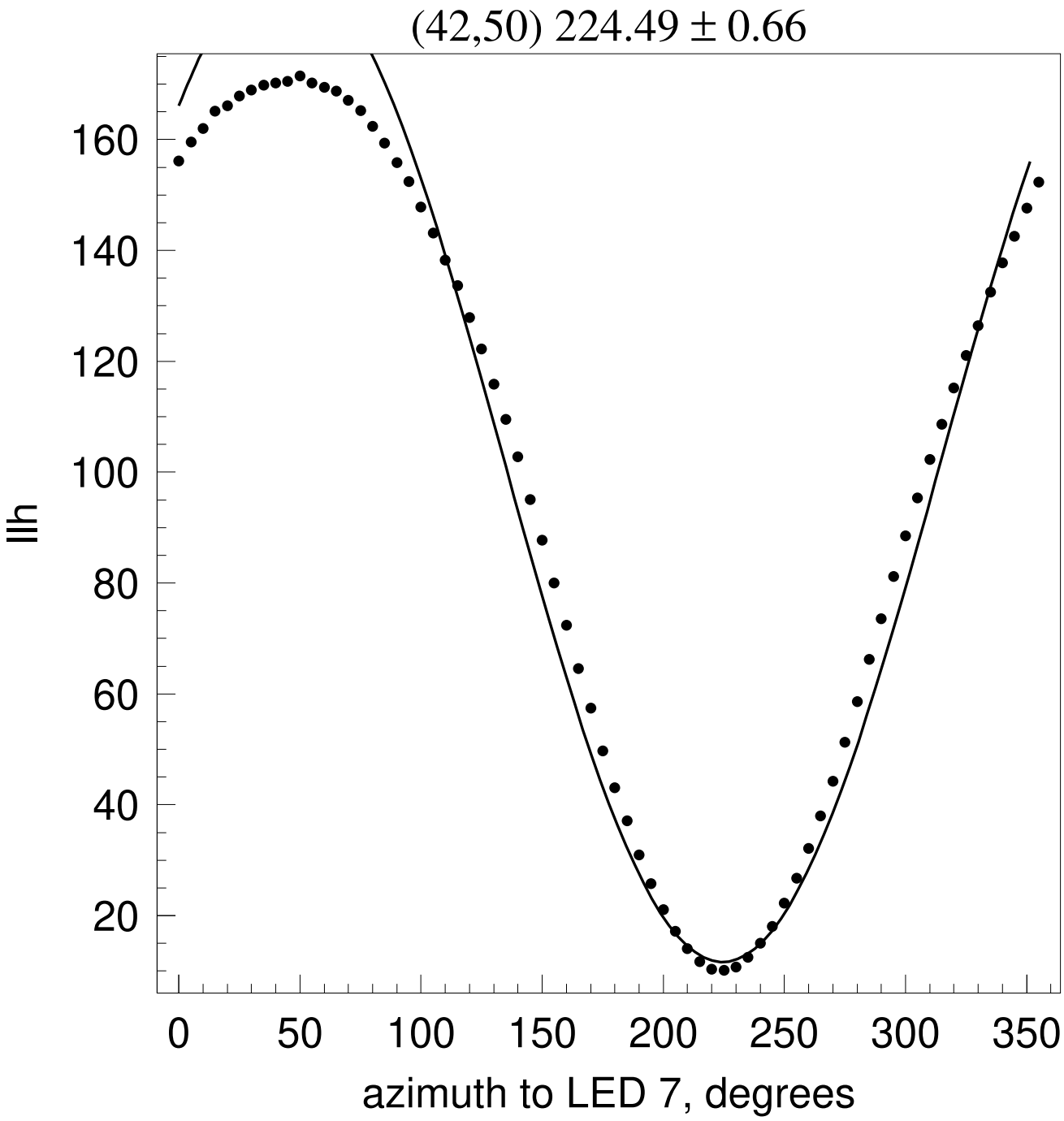

(42,43) 109.54 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

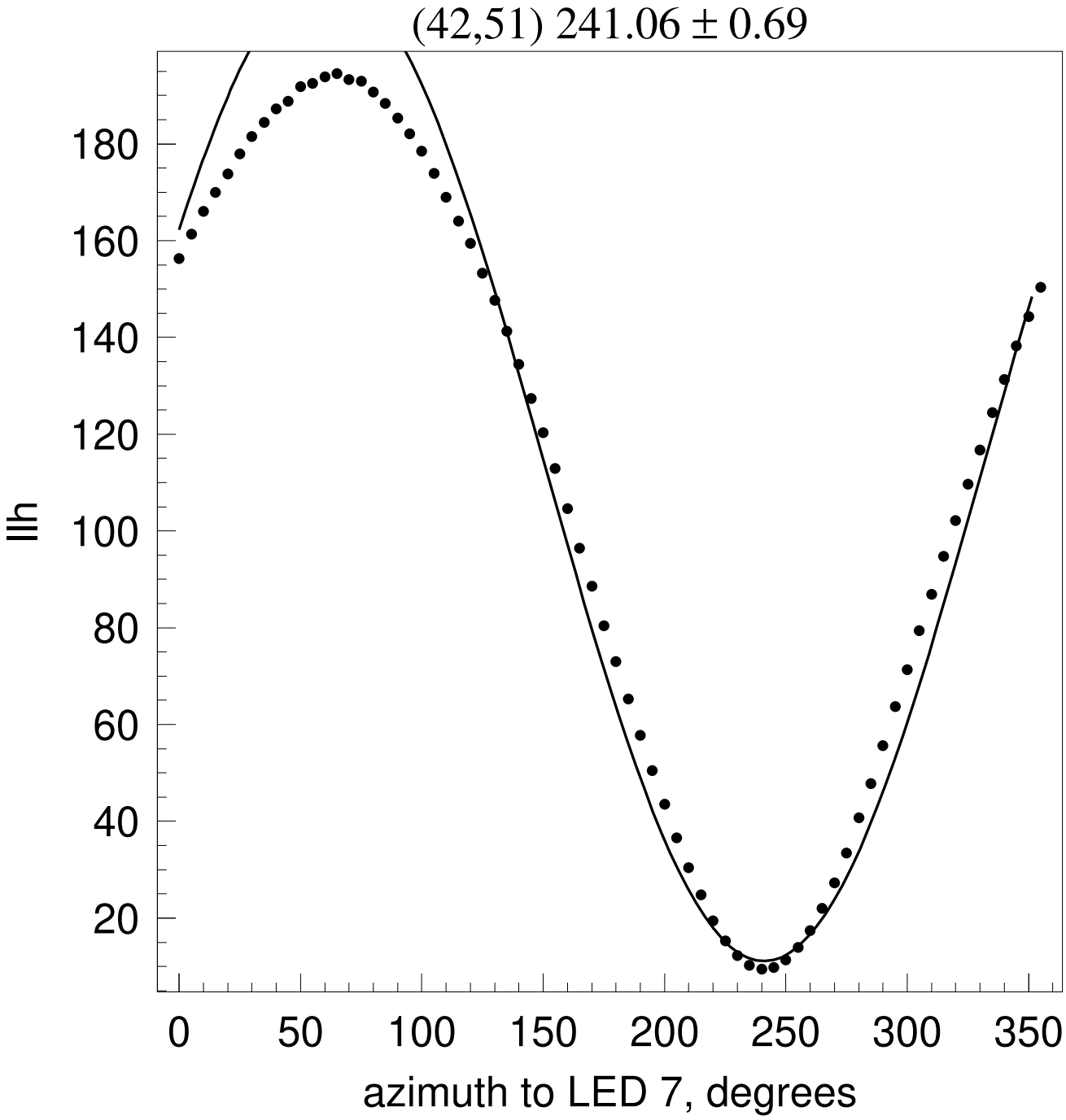

(42,44) 36.18 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

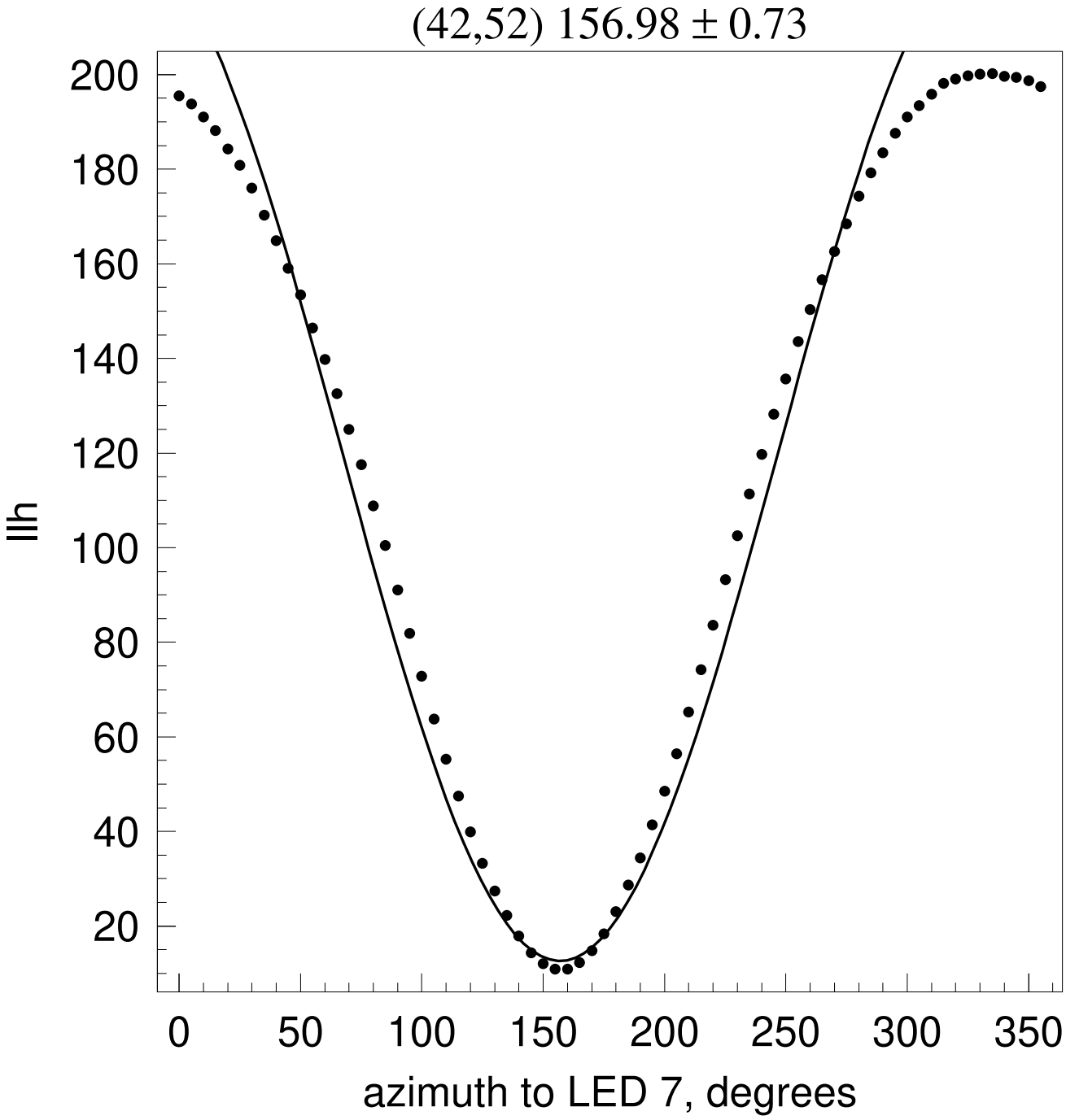

(42,45) 37.44 ± 0.25
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

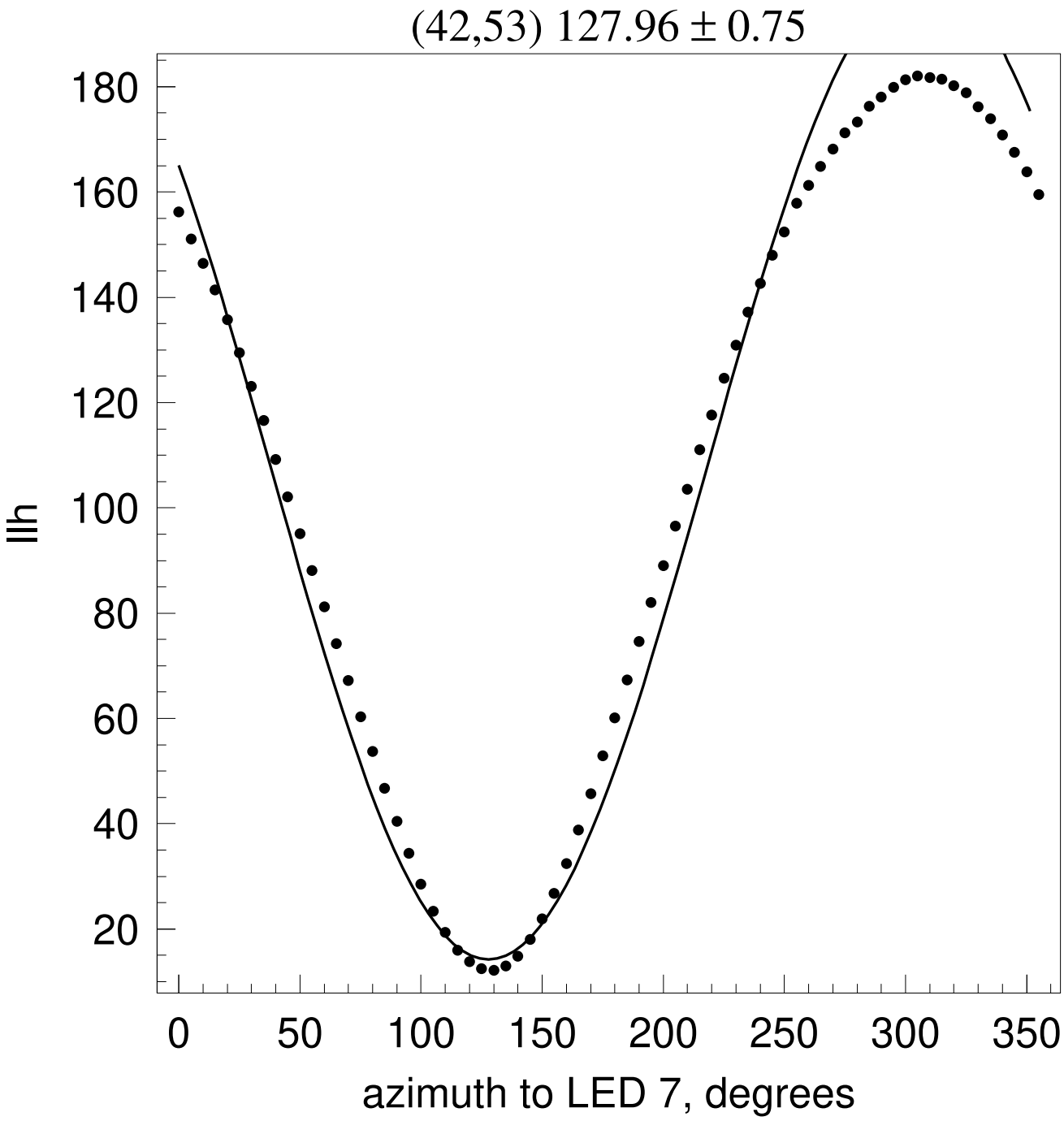

(42,46) 335.45 ± 0.32
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

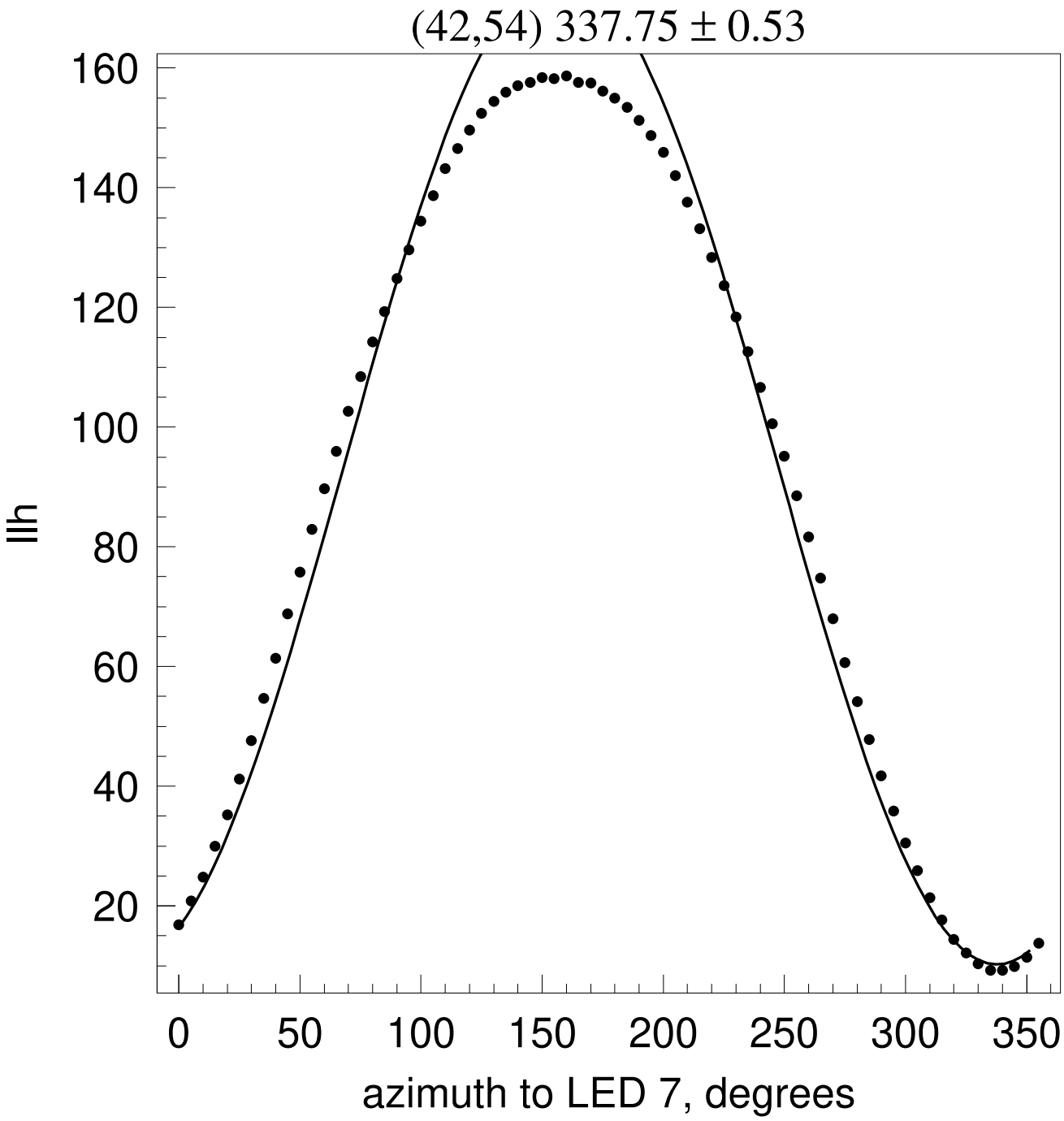

(42,49) 2.48 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

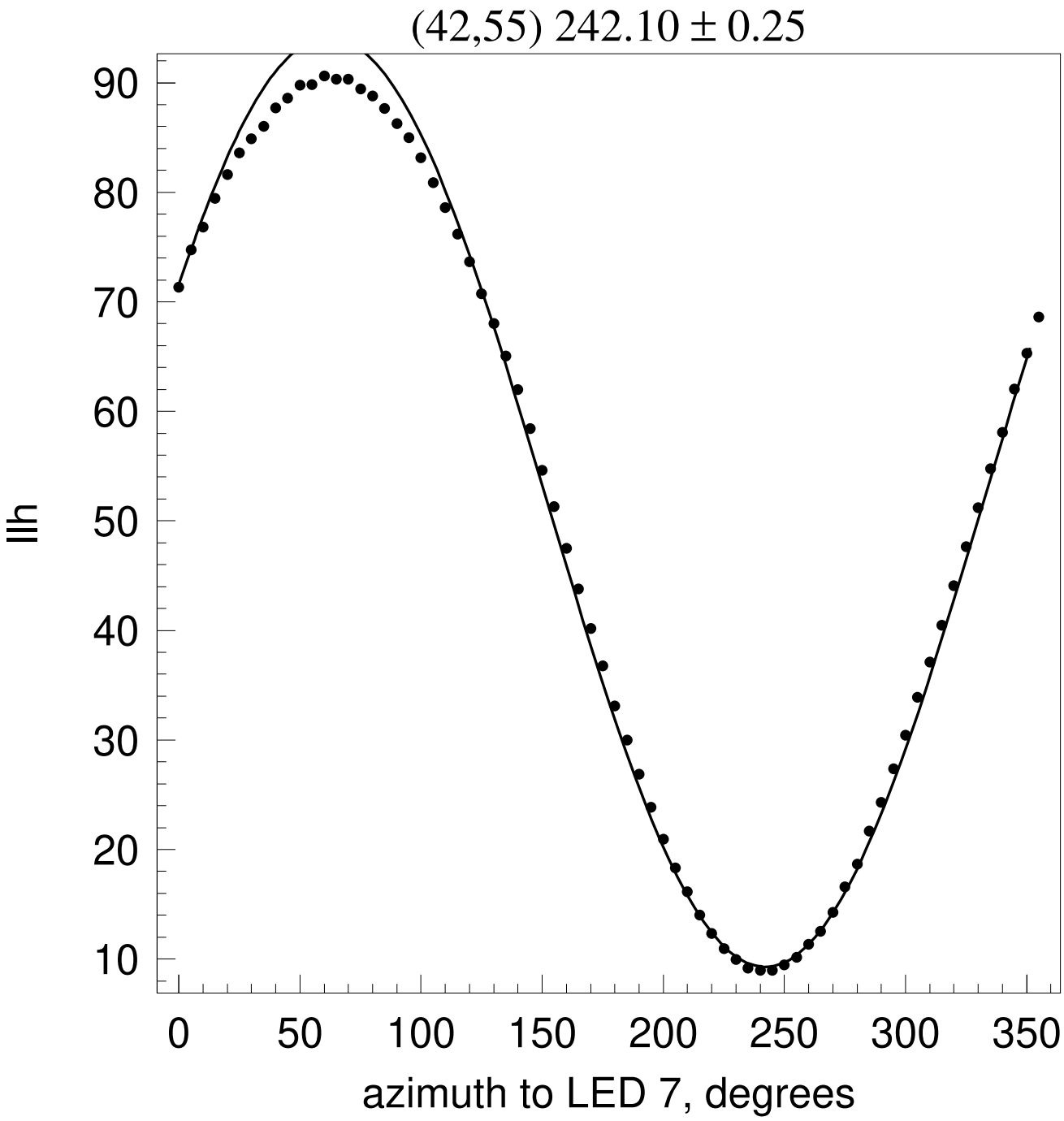

(42,50) 224.49 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

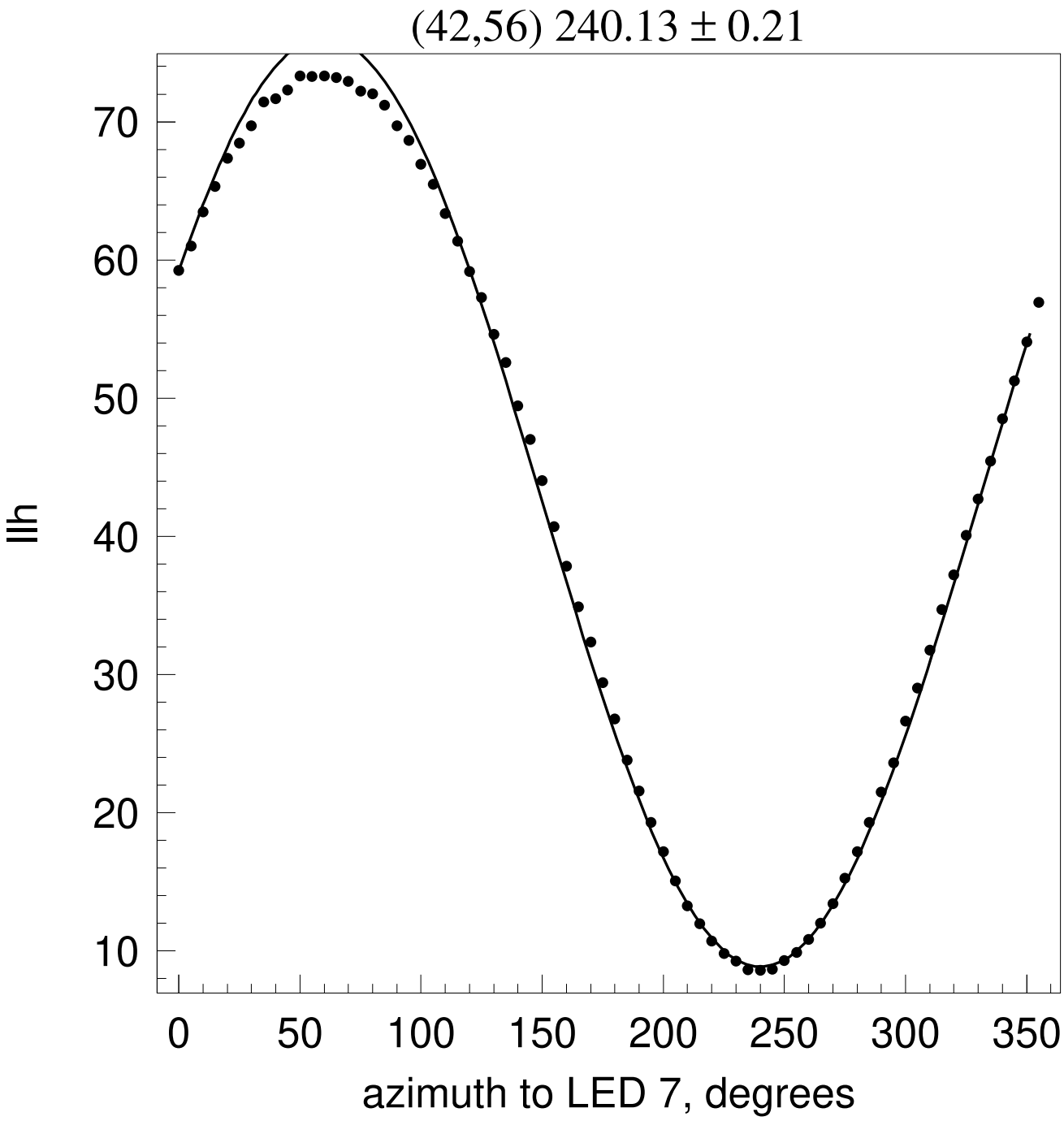

(42,51) 241.06 ± 0.69
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

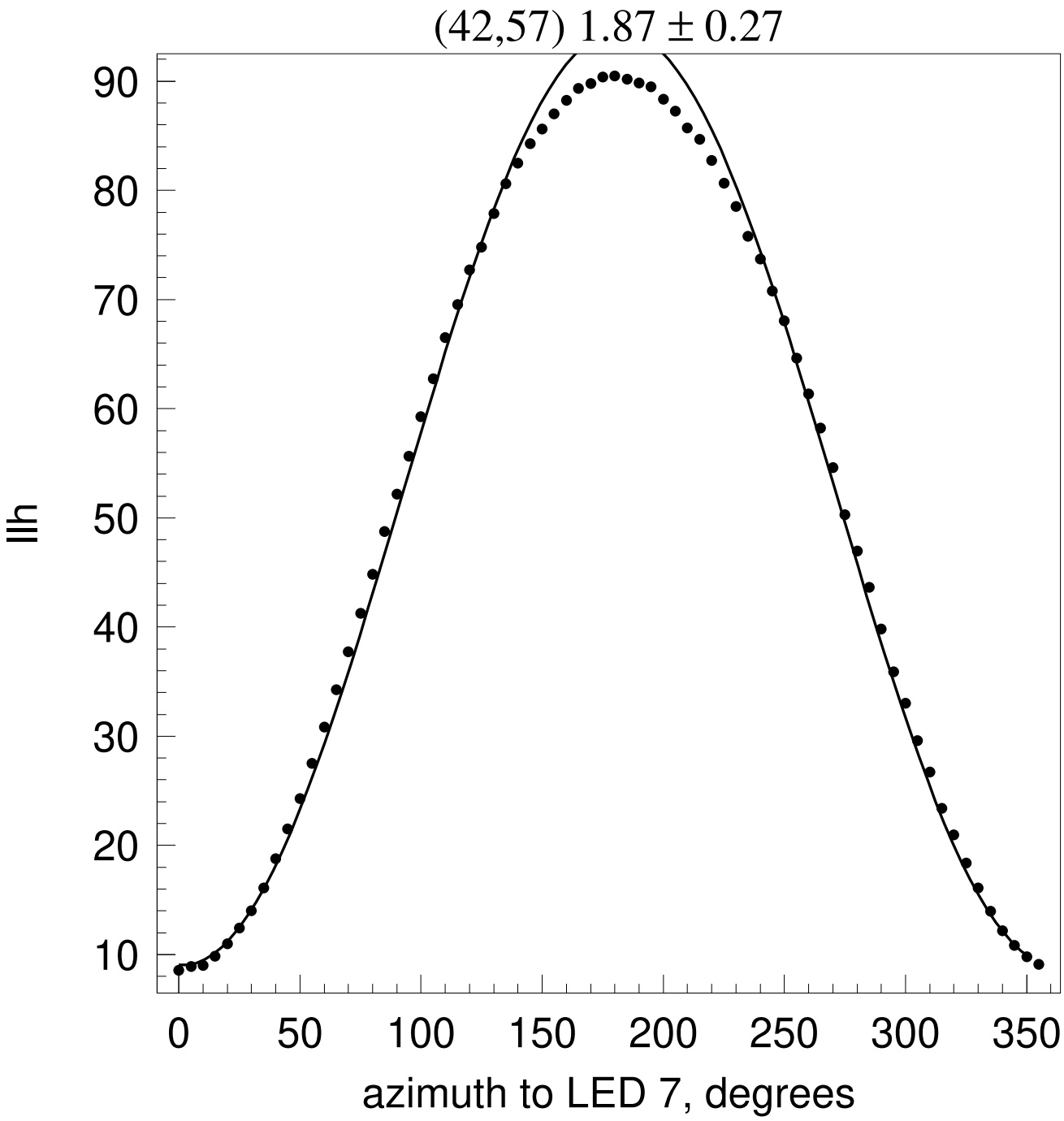

(42,52) 156.98 ± 0.73
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

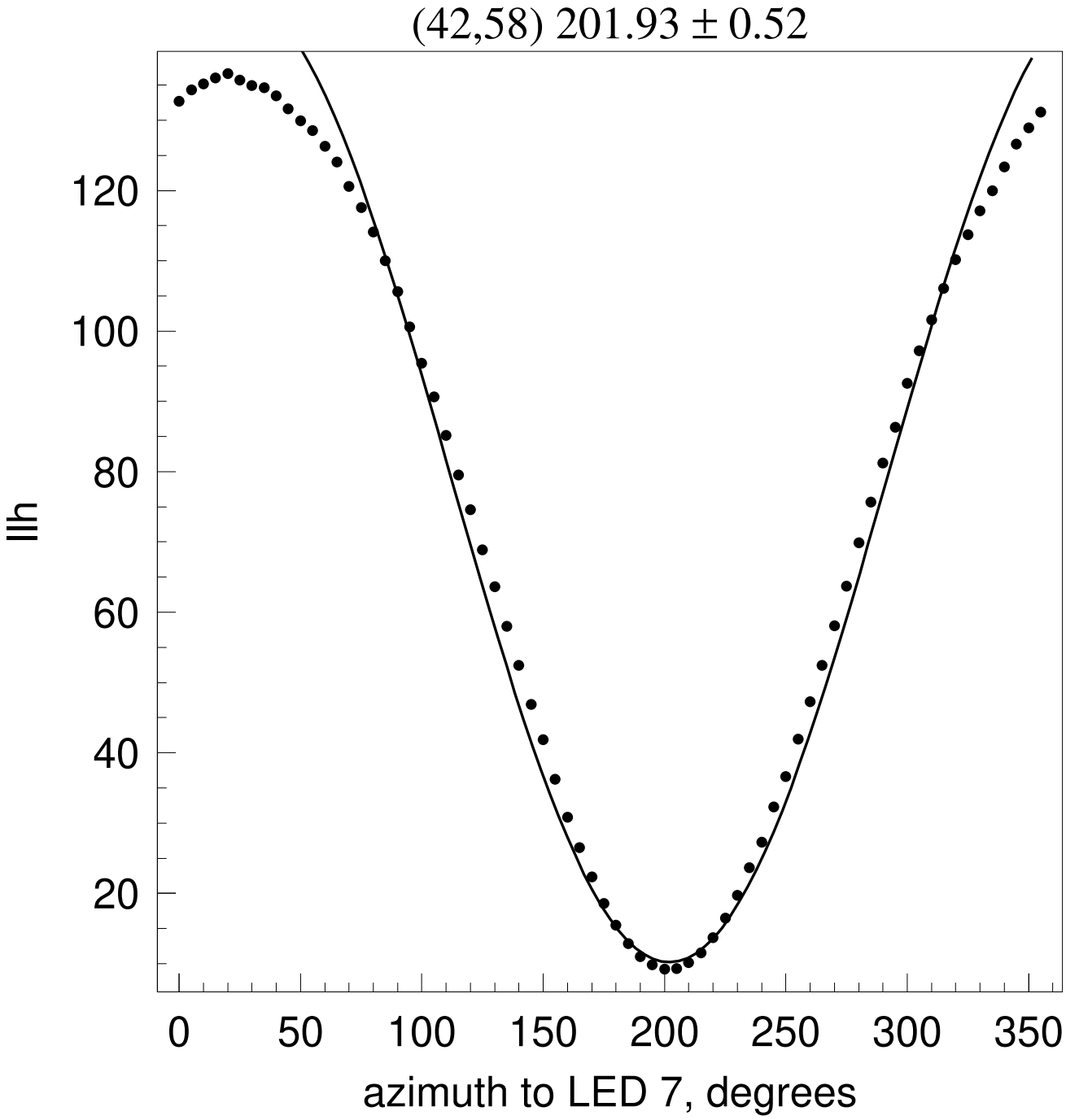

(42,53) 127.96 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

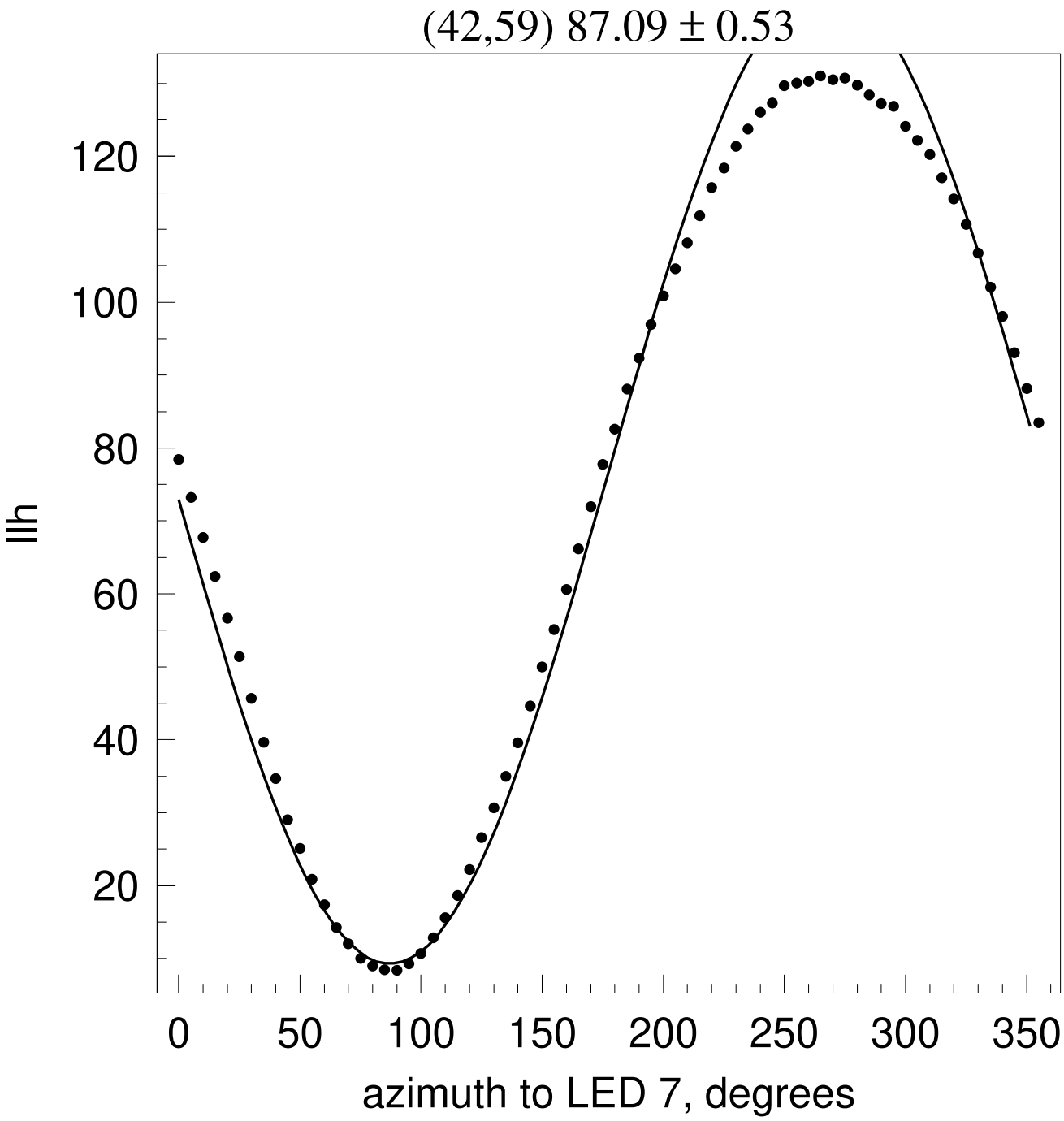

(42,54) 337.75 ± 0.53
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

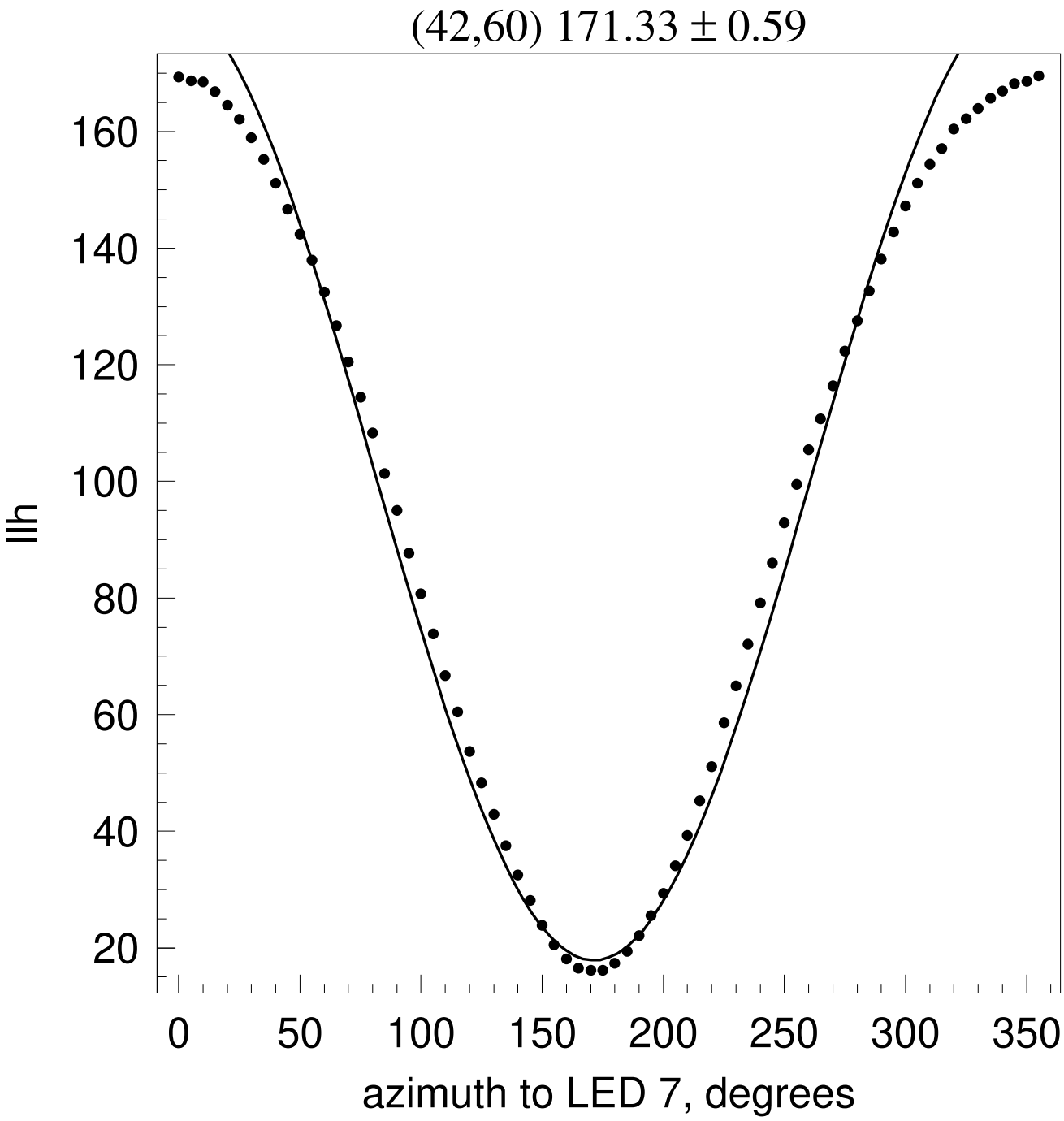

(42,55) 242.10 ± 0.25
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

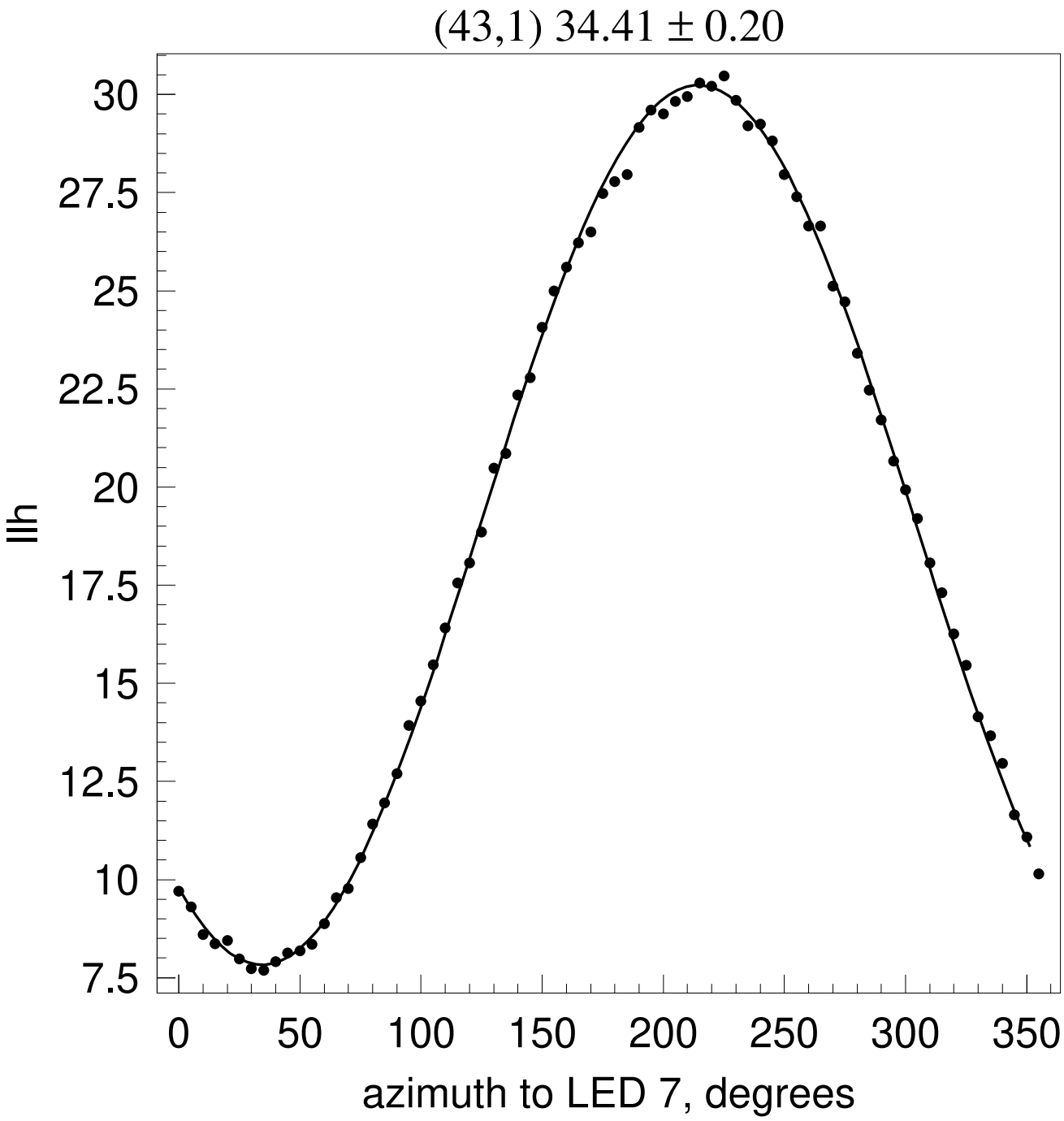

(42,56) 240.13 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

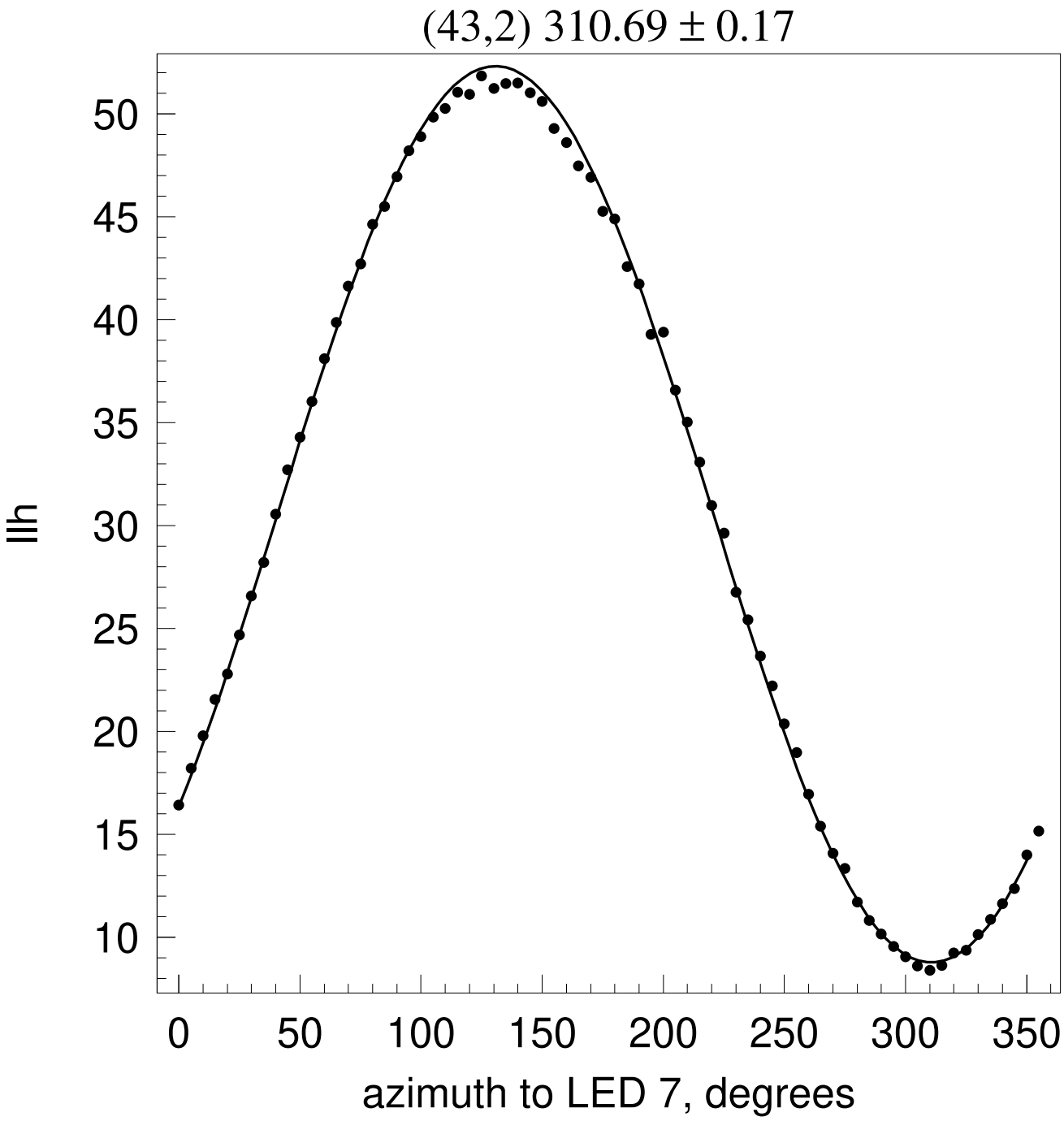

(42,57) 1.87 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

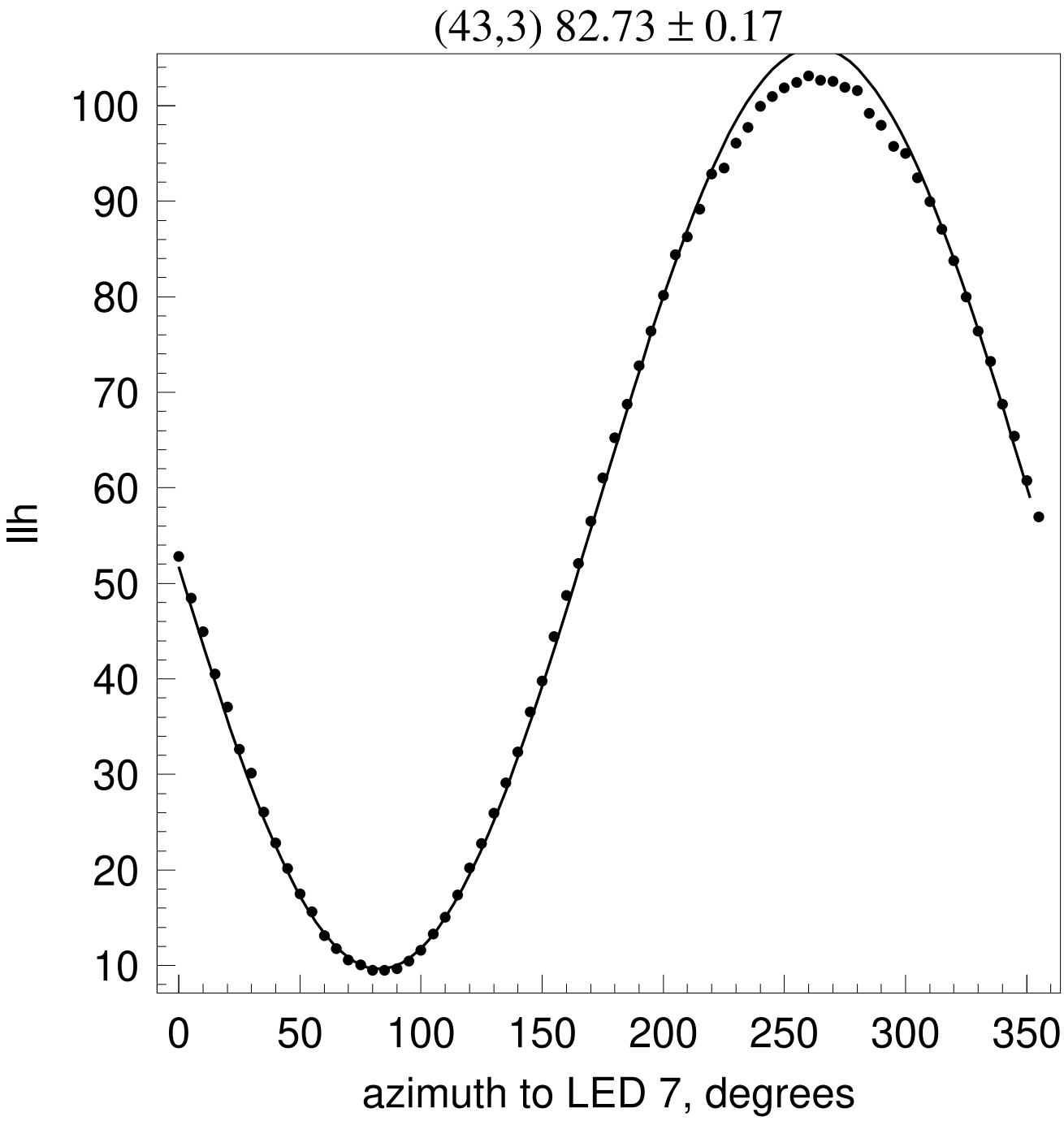

(42,58) 201.93 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

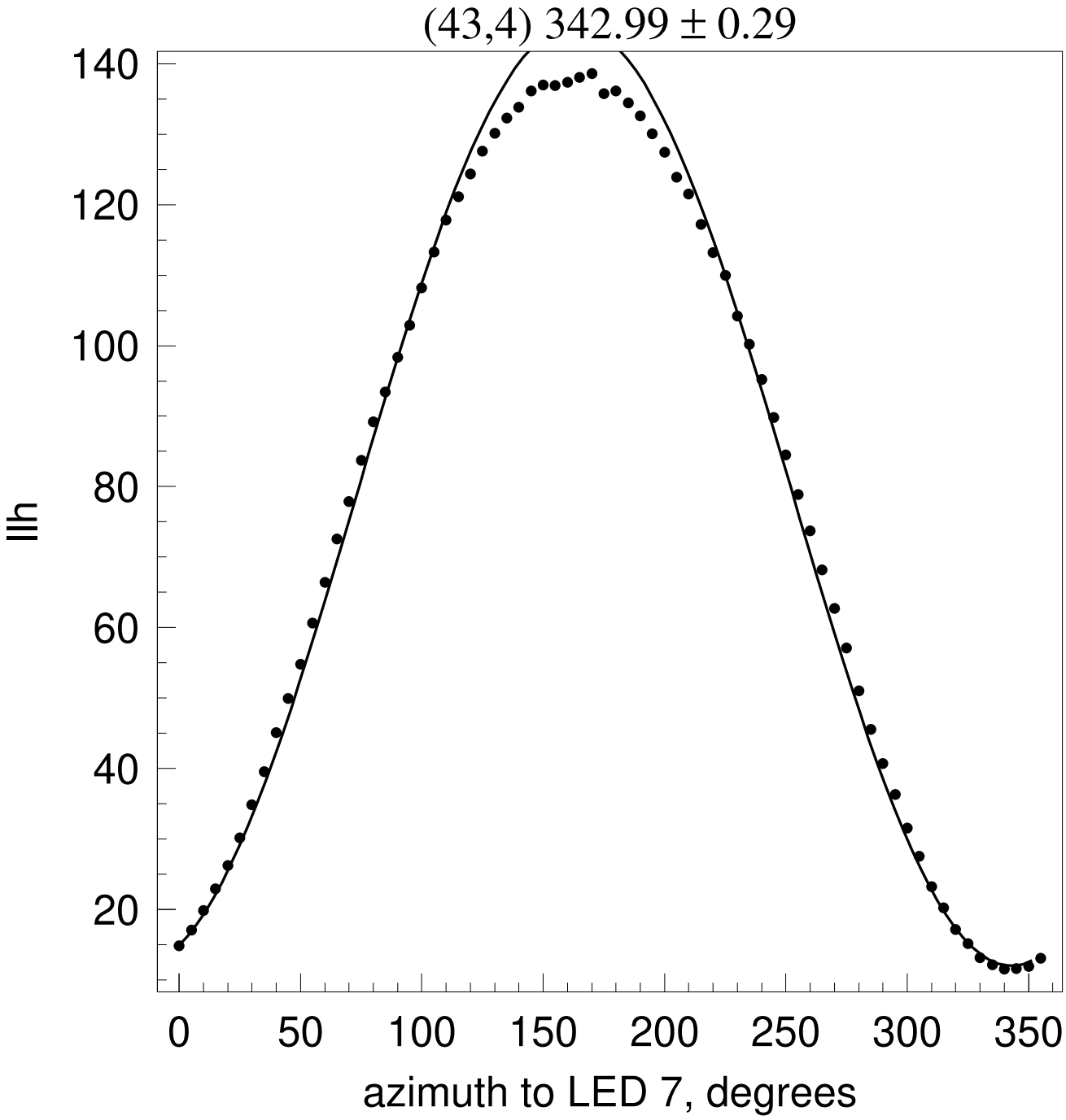

(42,59) 87.09 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

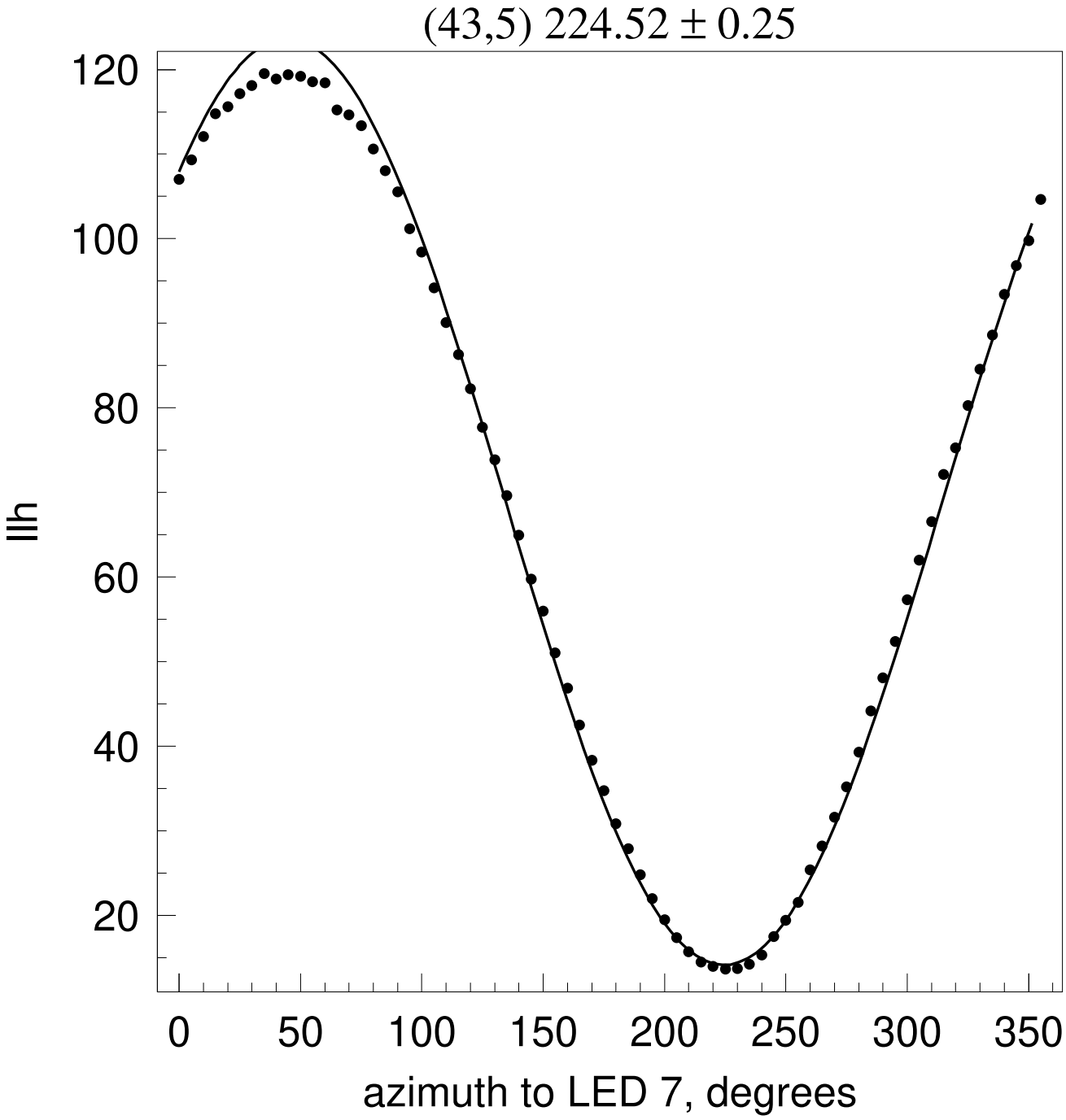

(42,60) 171.33 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

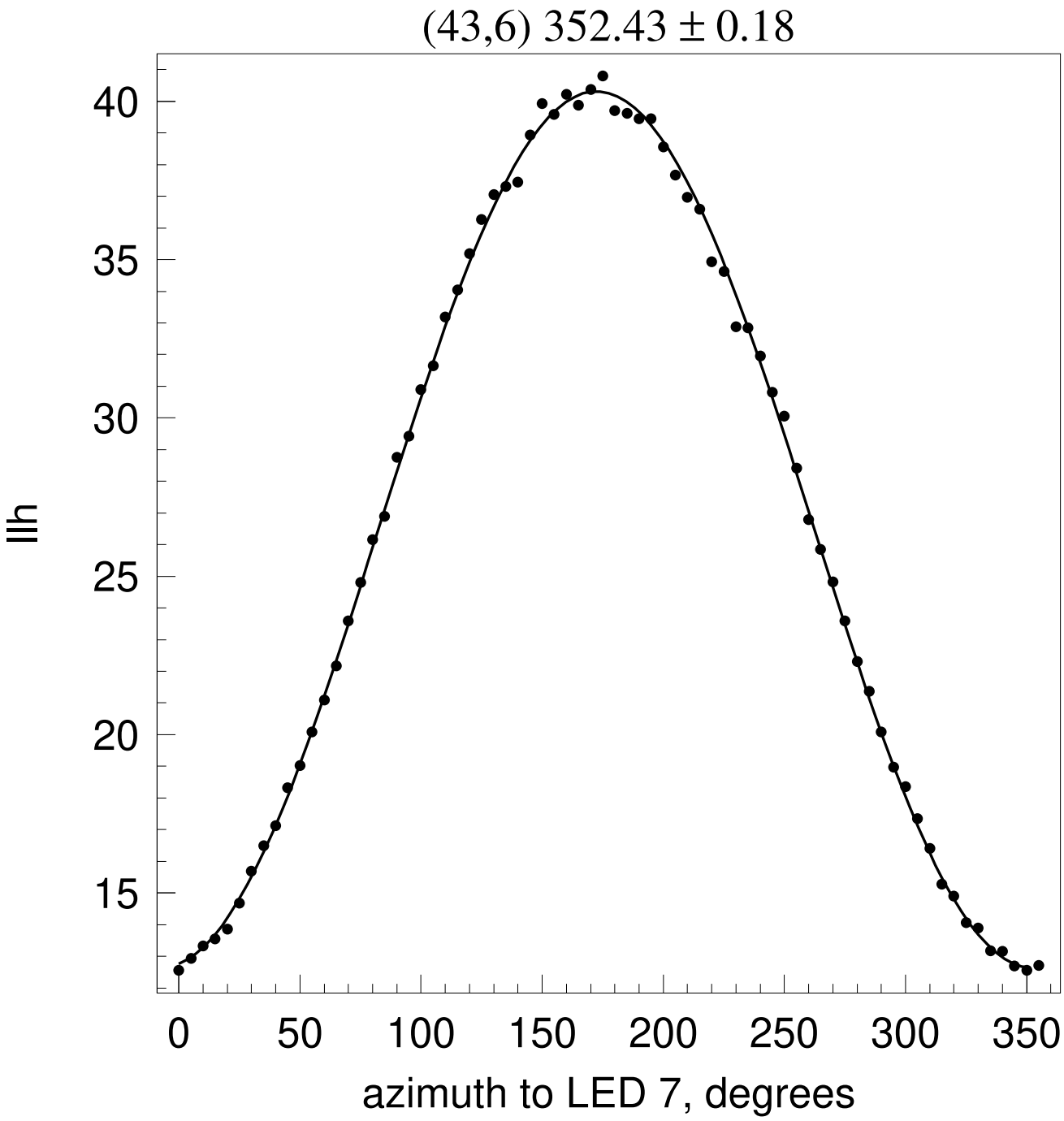

(43,1) 34.41 ± 0.20
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

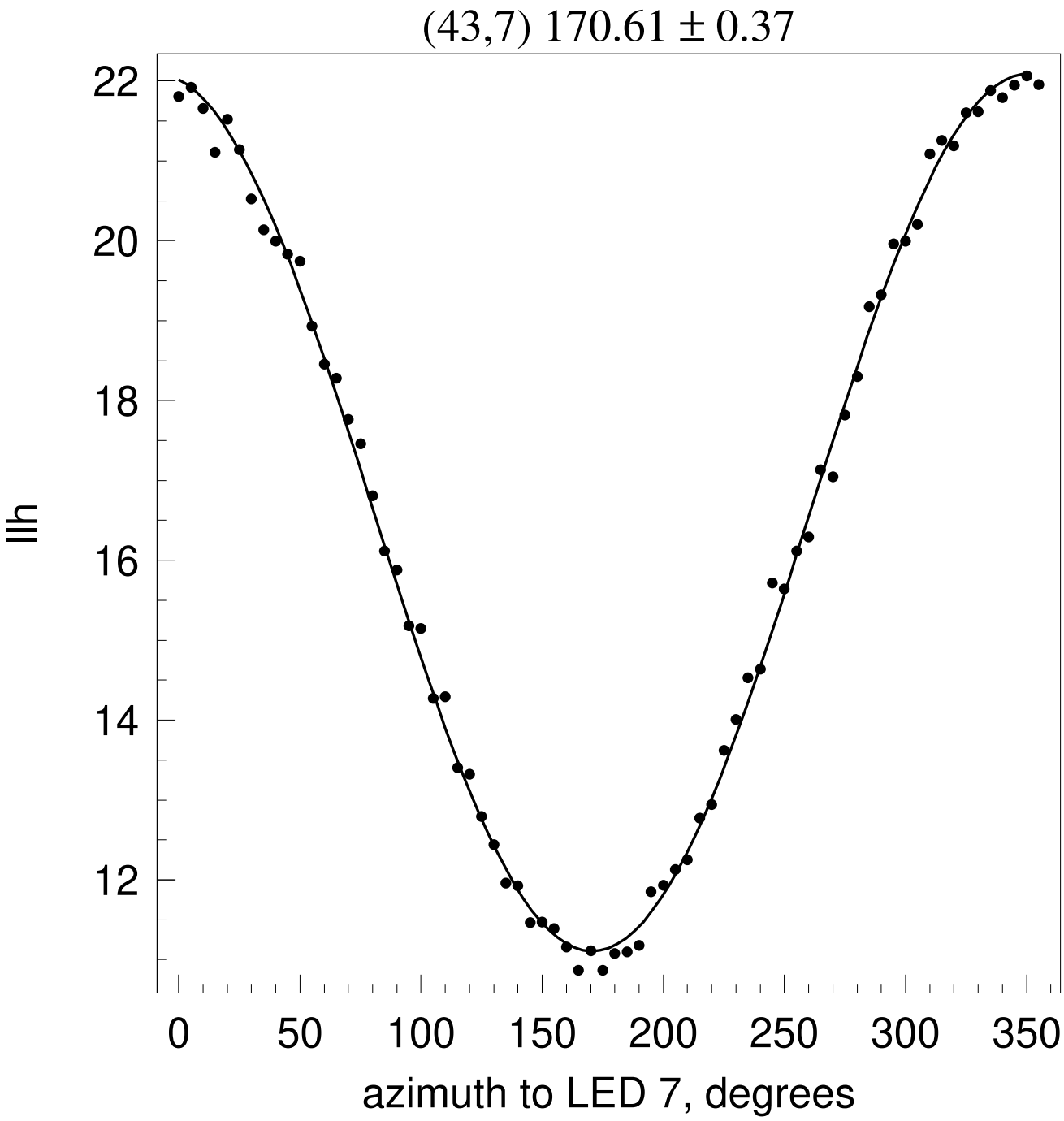

(43,2) 310.69 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

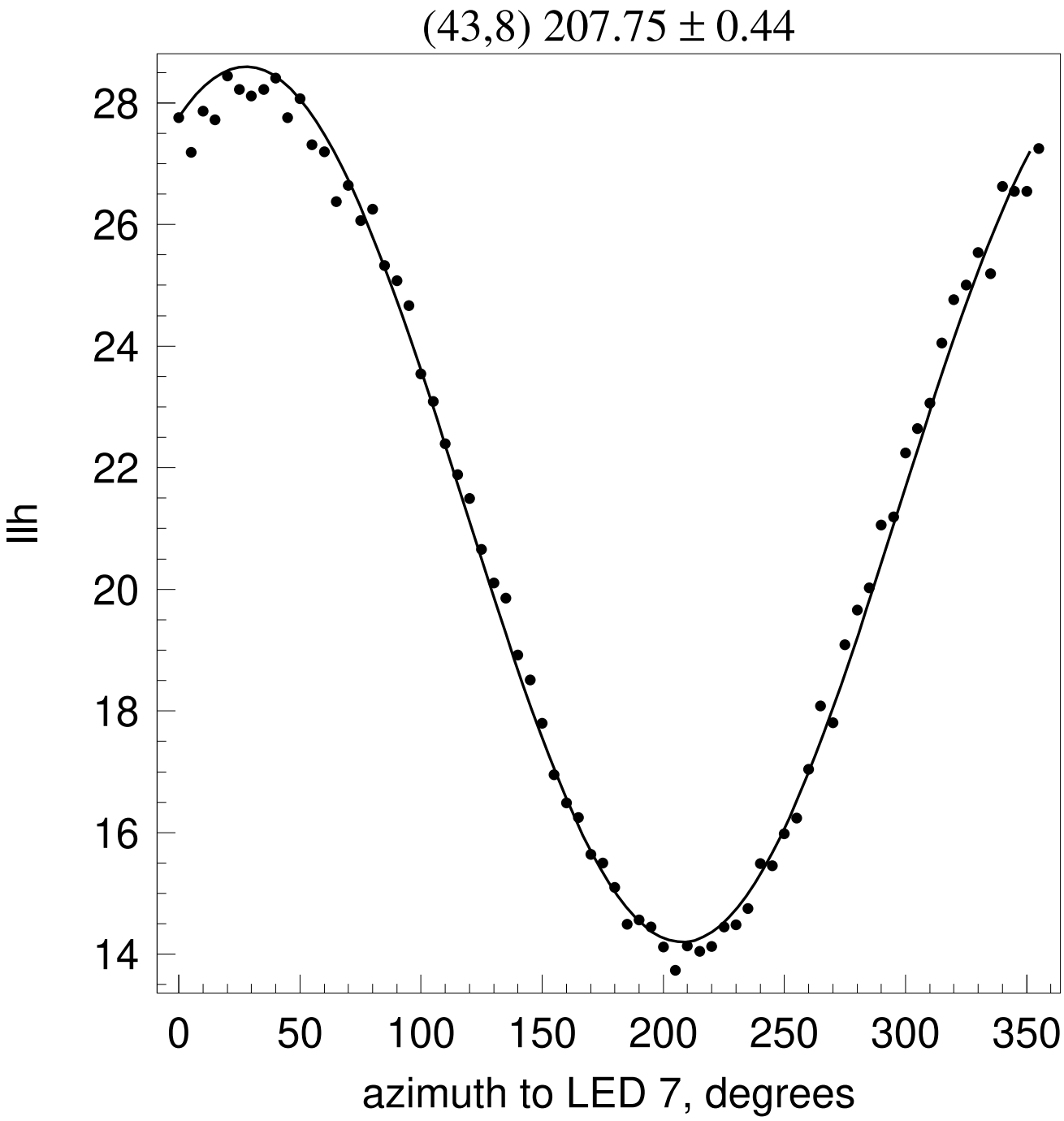

(43,3) 82.73 ± 0.17
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

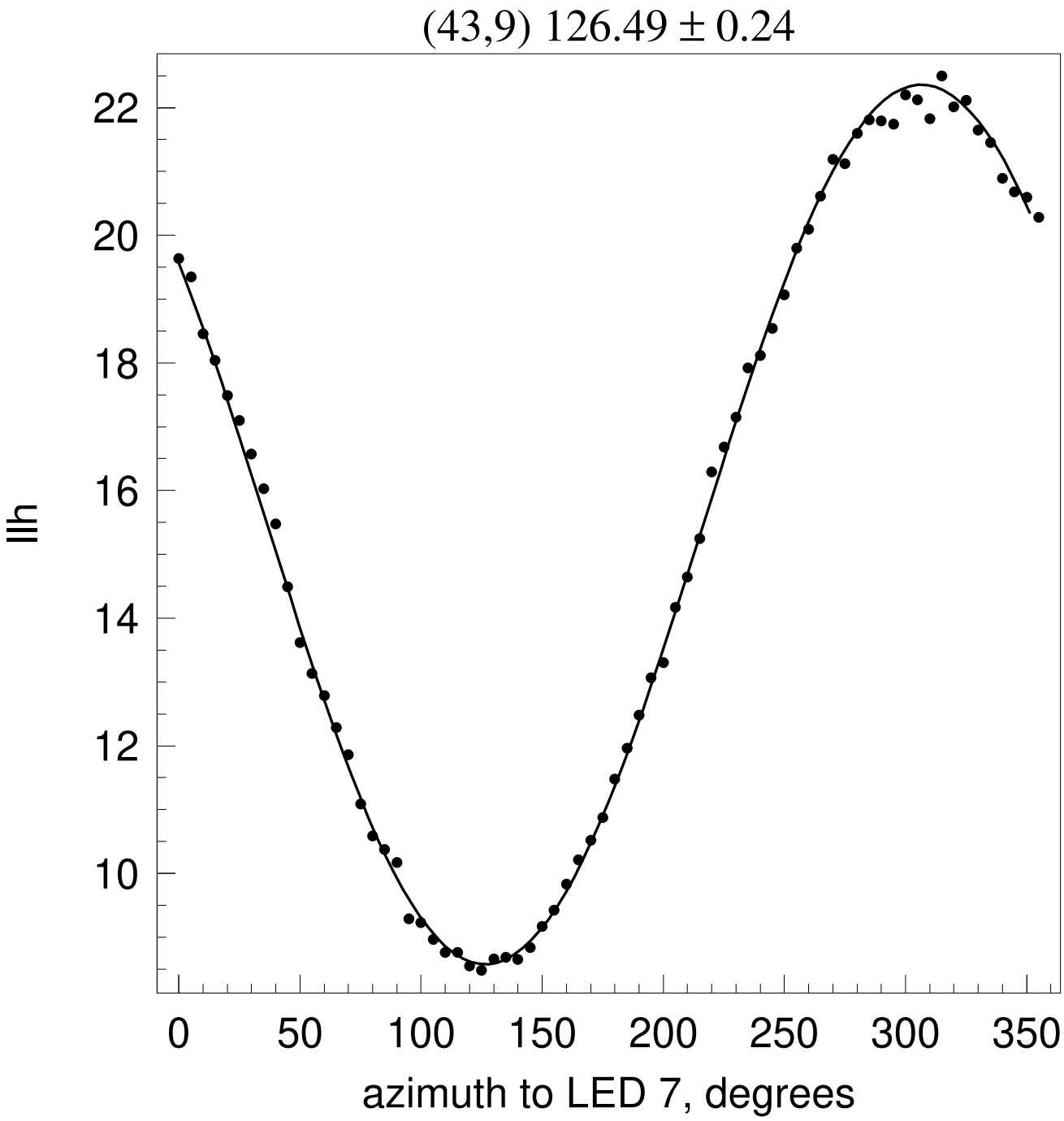

(43,4) 342.99 ± 0.29
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

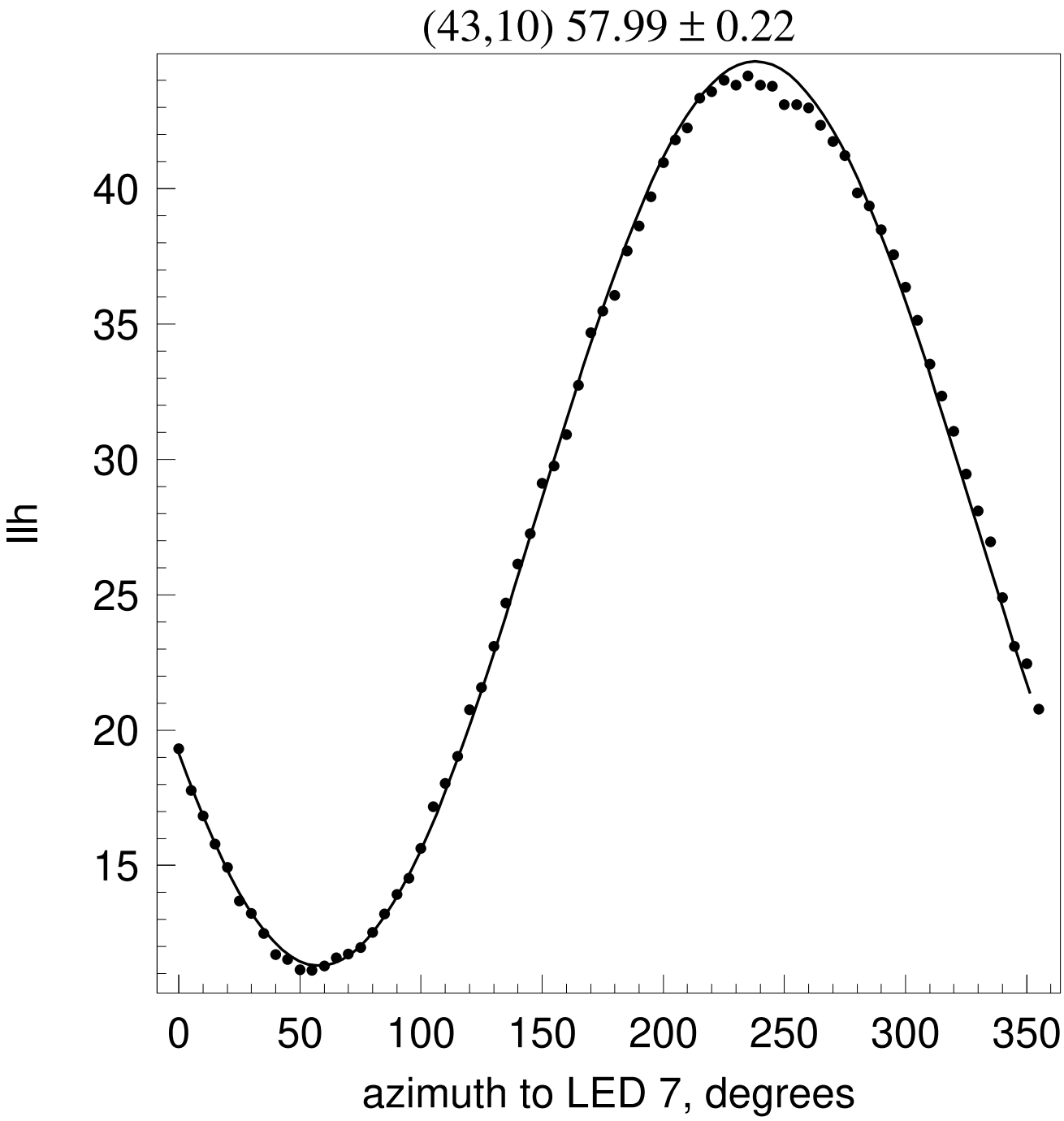

(43,5) 224.52 ± 0.25
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

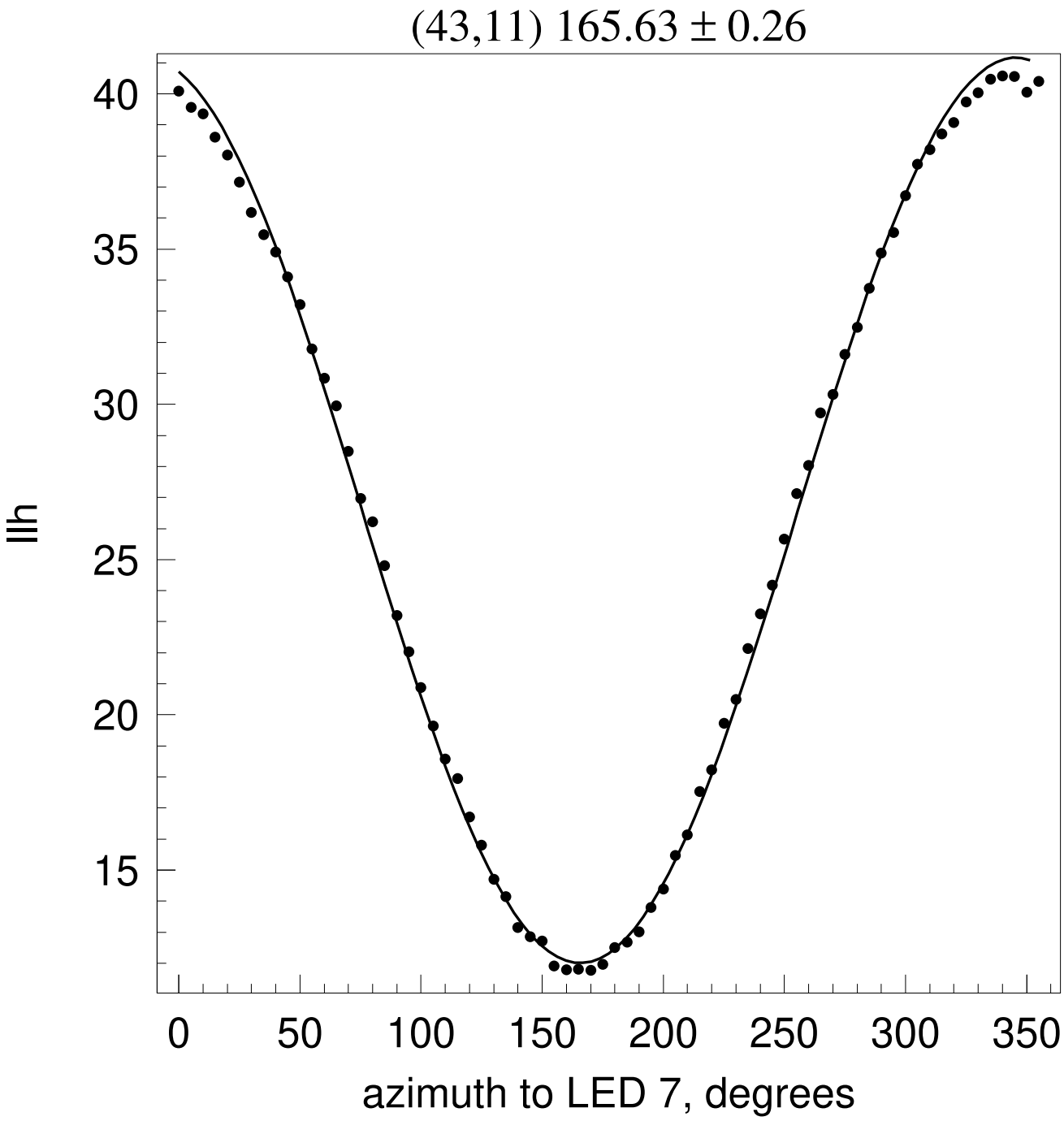

(43,6) 352.43 ± 0.18
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

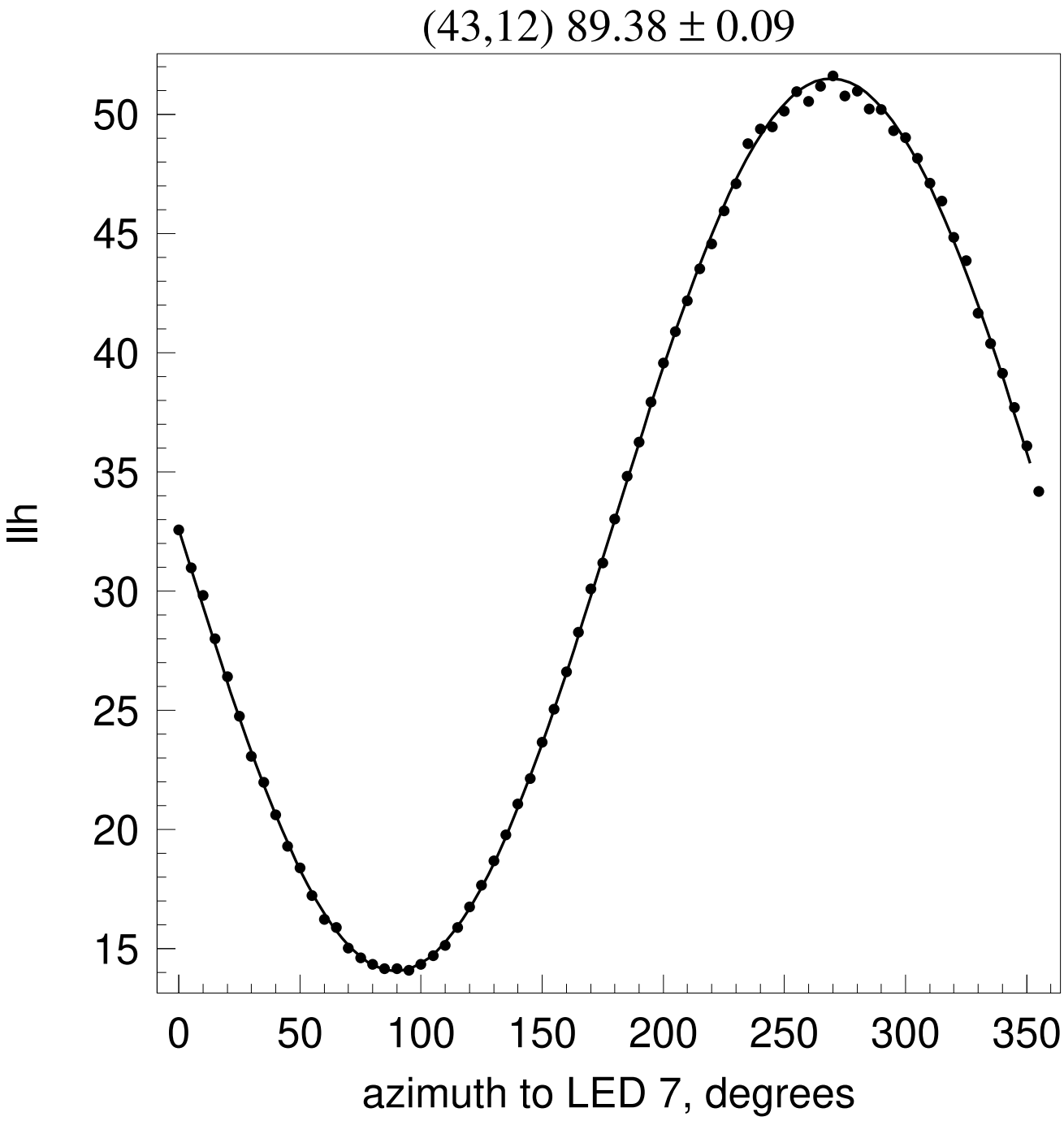

(43,7) 170.61 ± 0.37
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

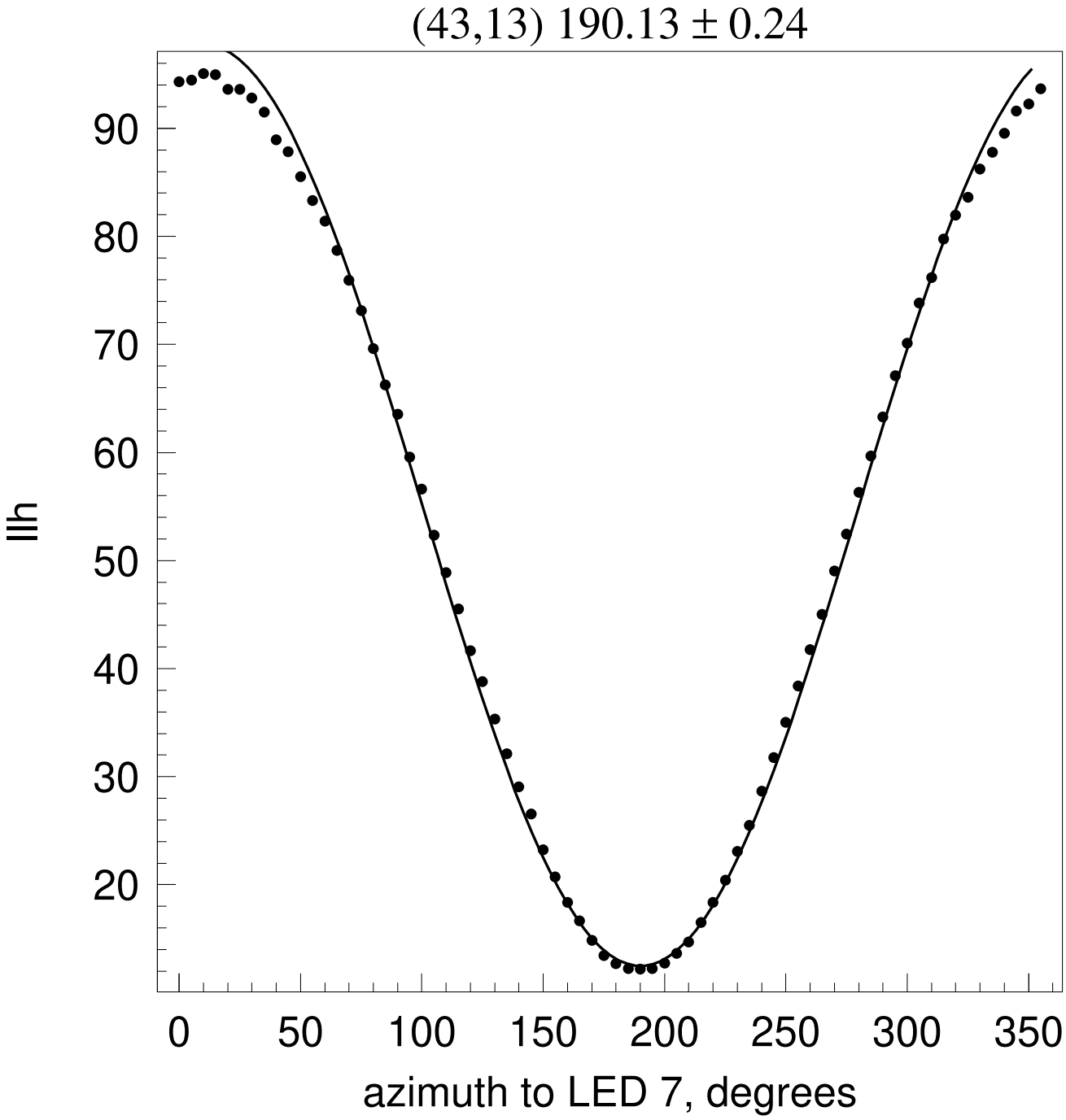

(43,8) 207.75 ± 0.44
28
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

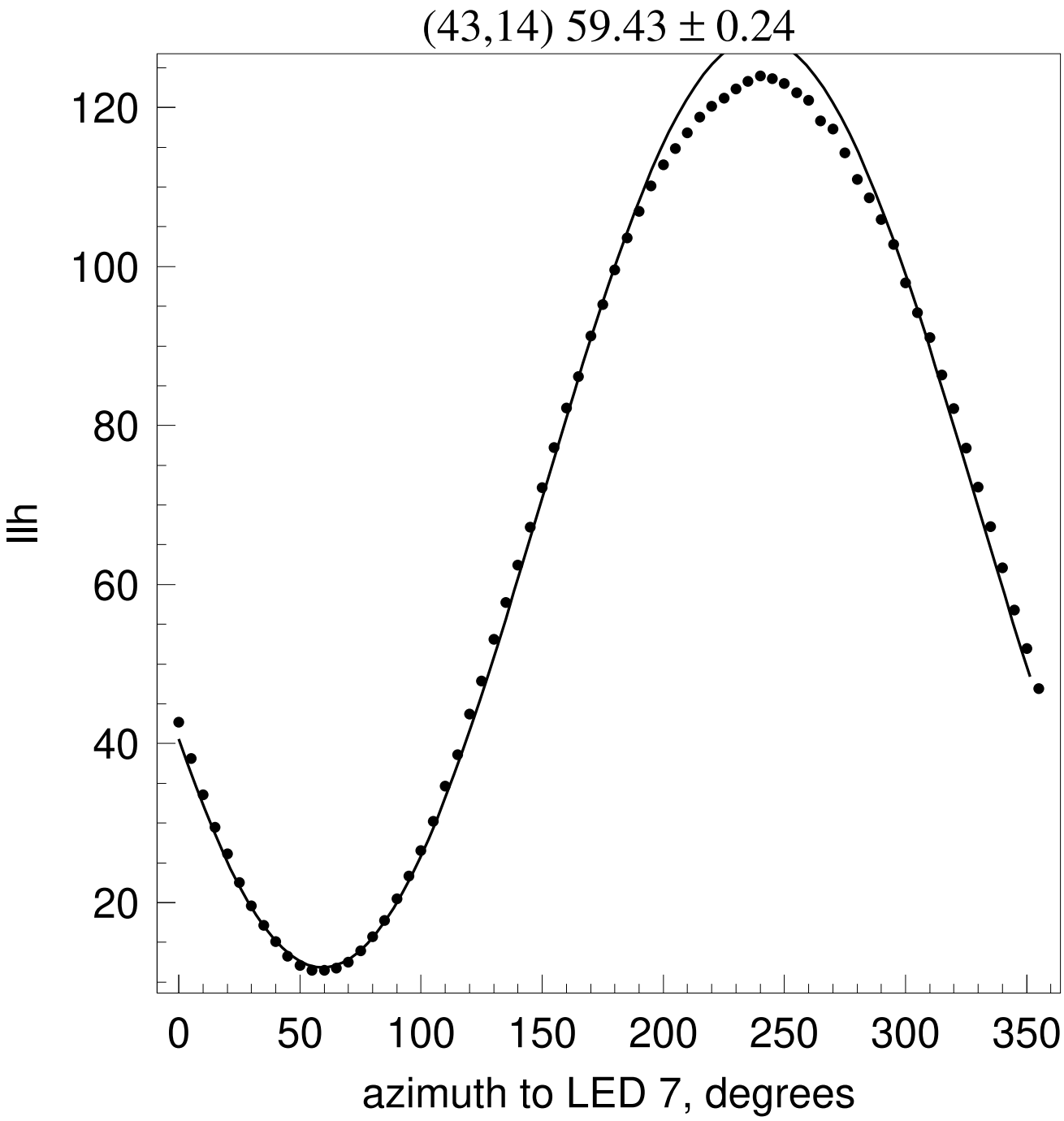

(43,9) 126.49 ± 0.24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

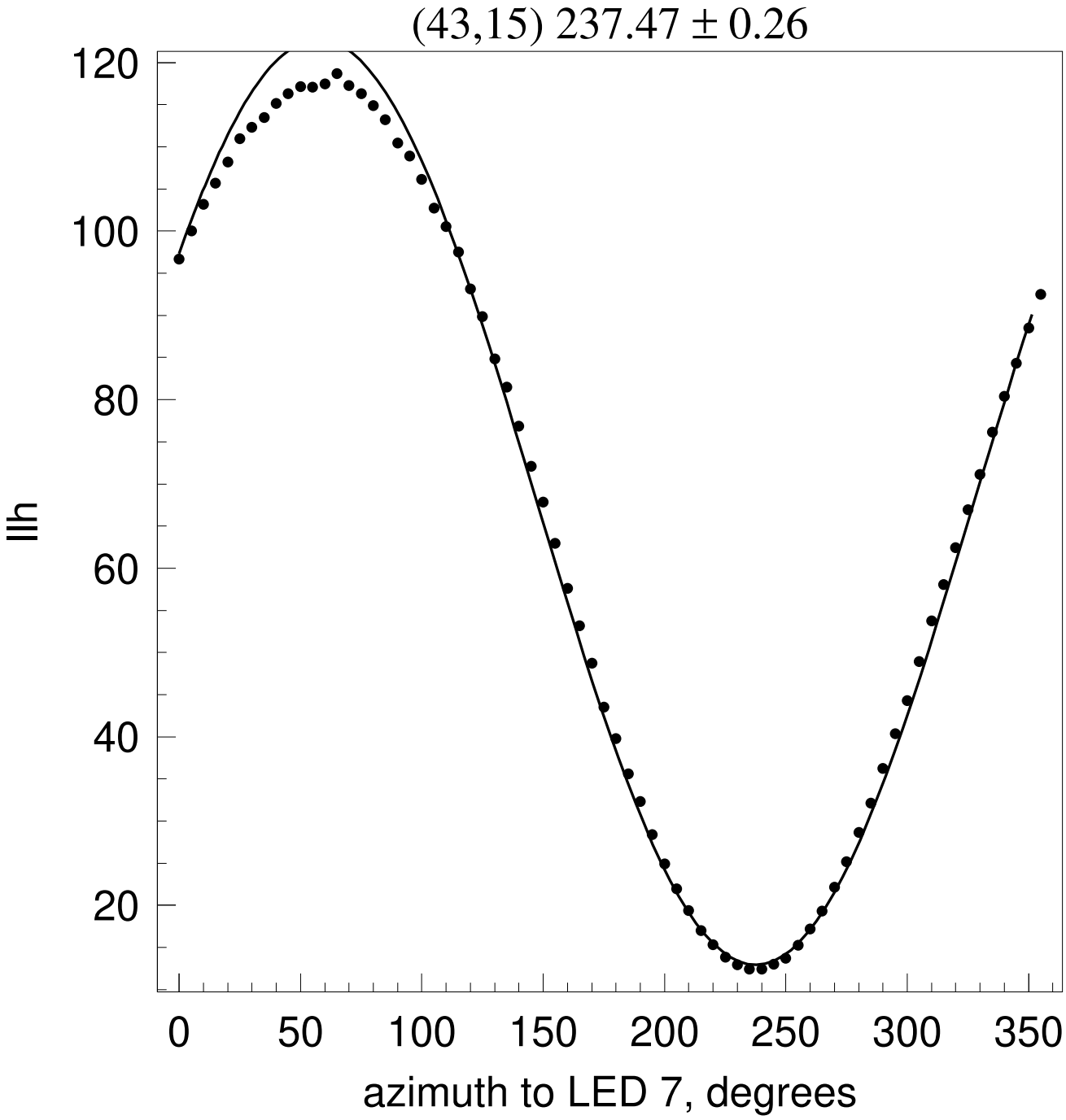

(43,10) 57.99 ± 0.22
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

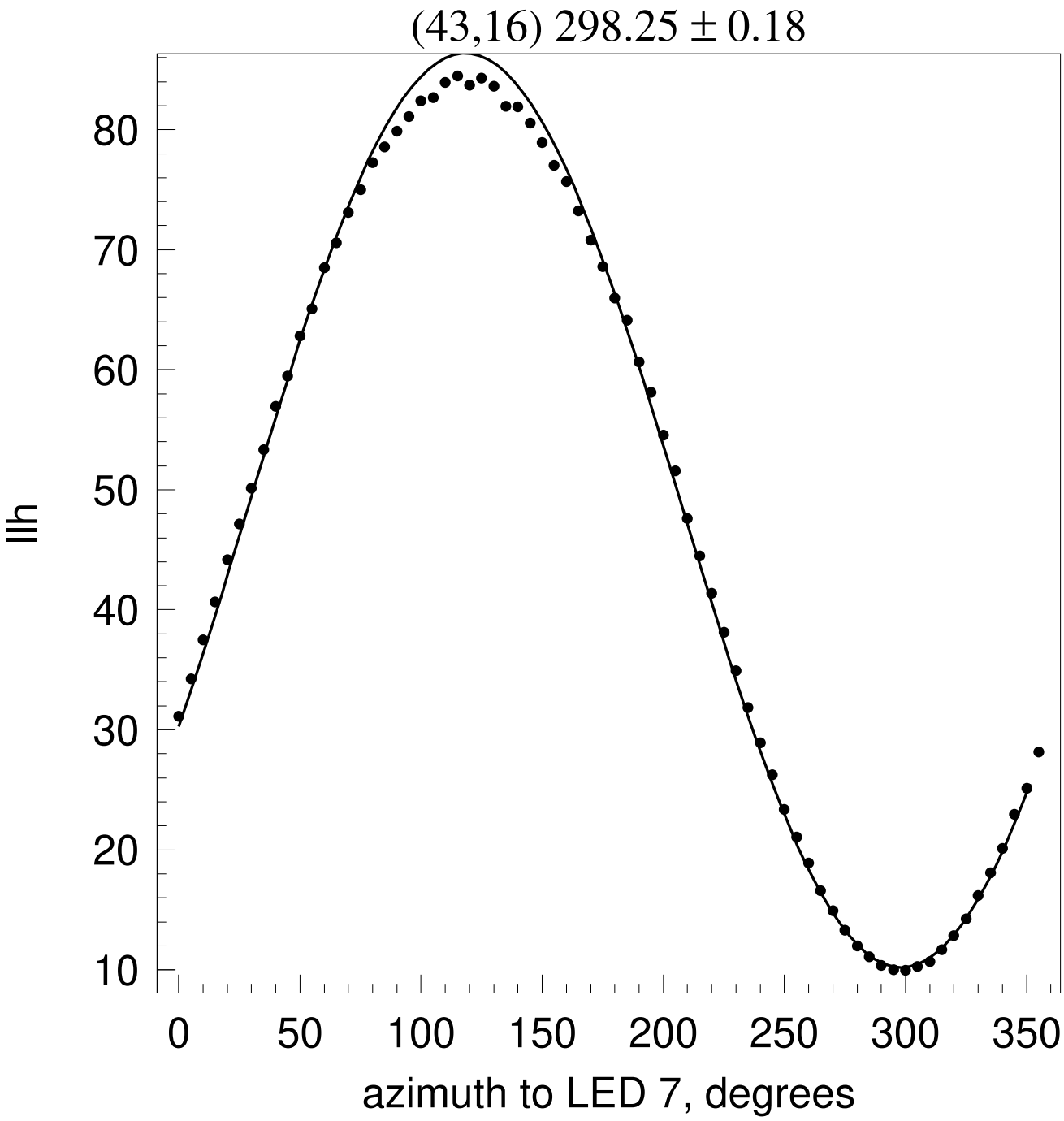

(43,11) 165.63 ± 0.26
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

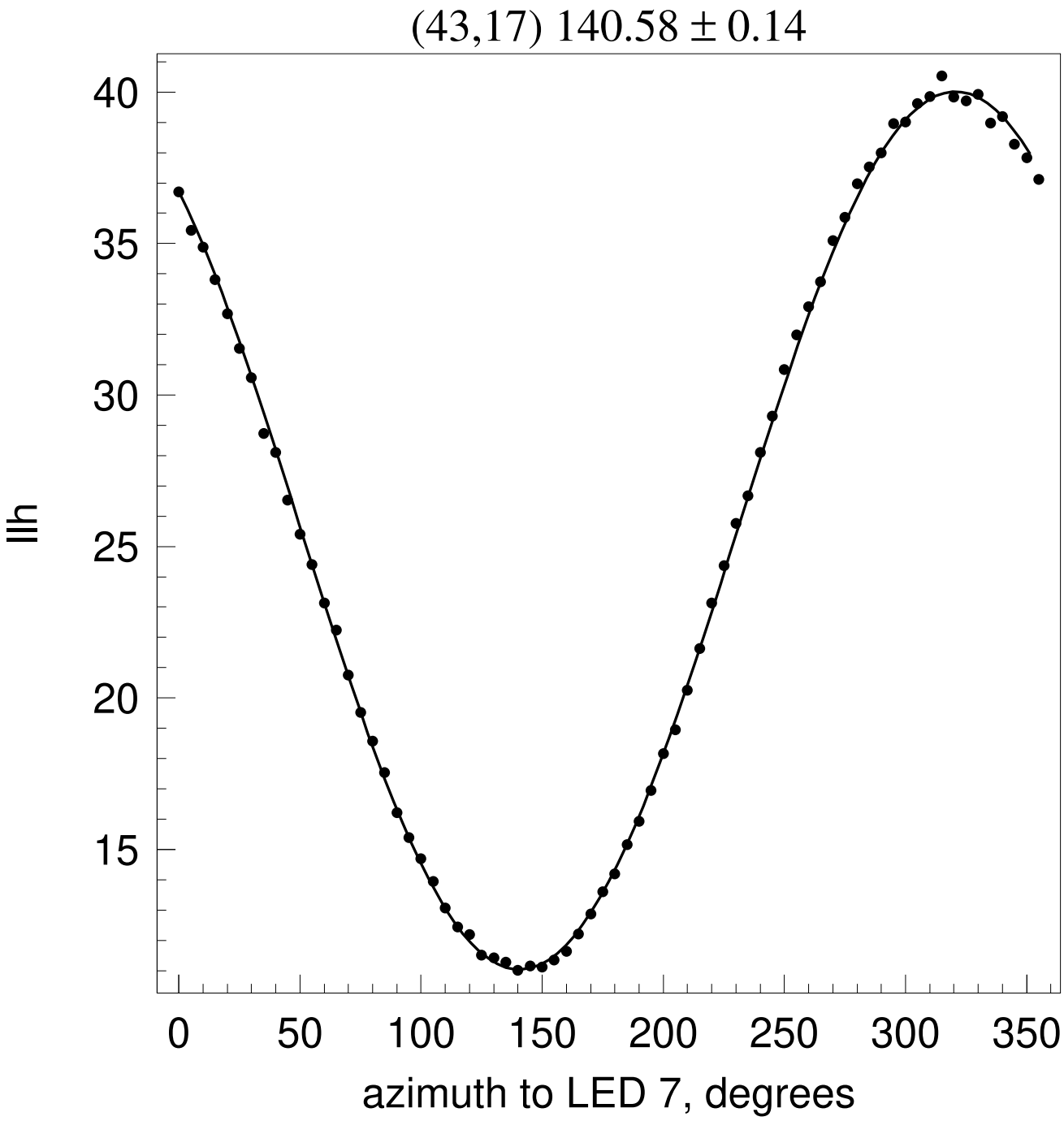

(43,12) 89.38 ± 0.09
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

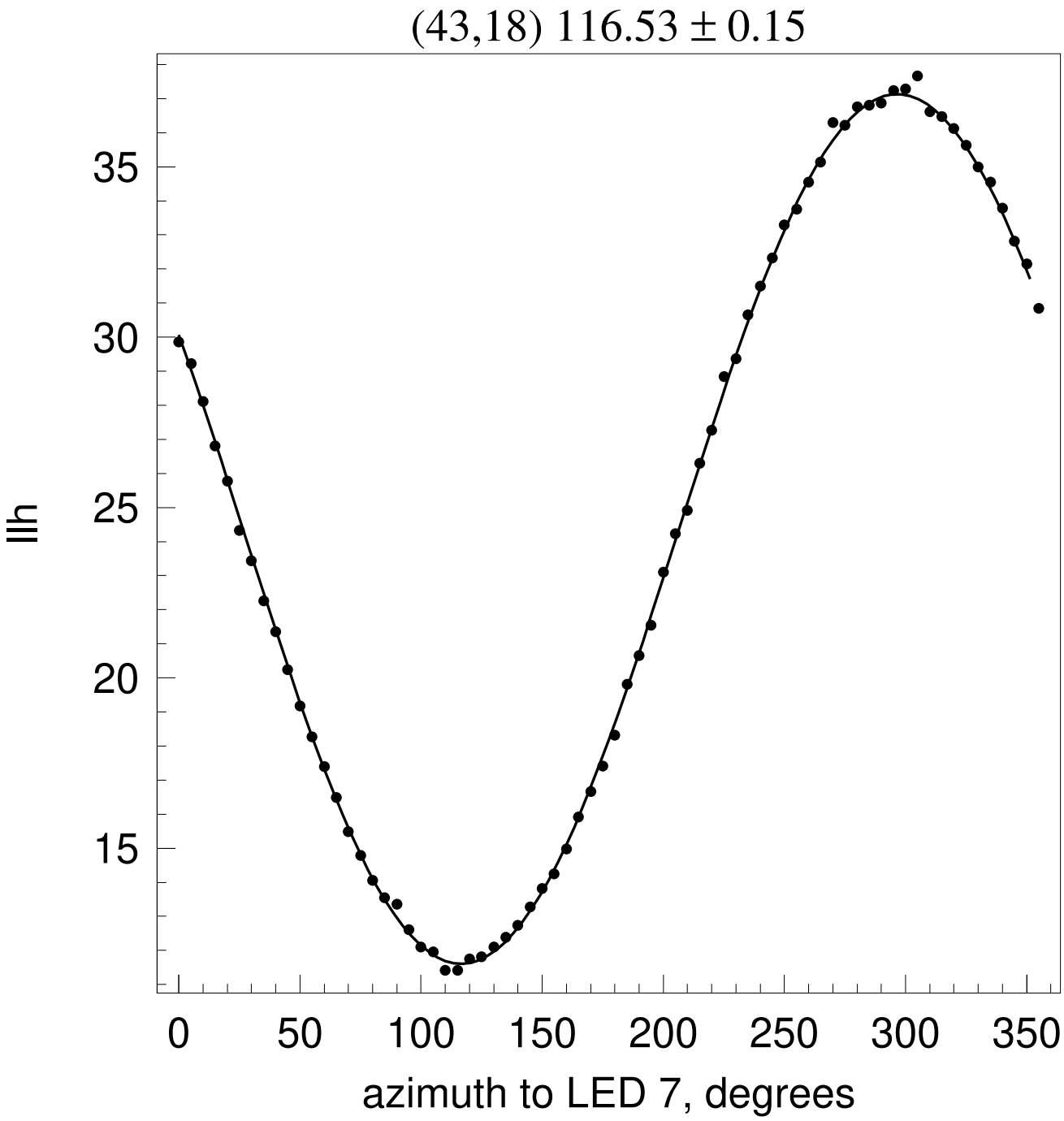

(43,13) 190.13 ± 0.24
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

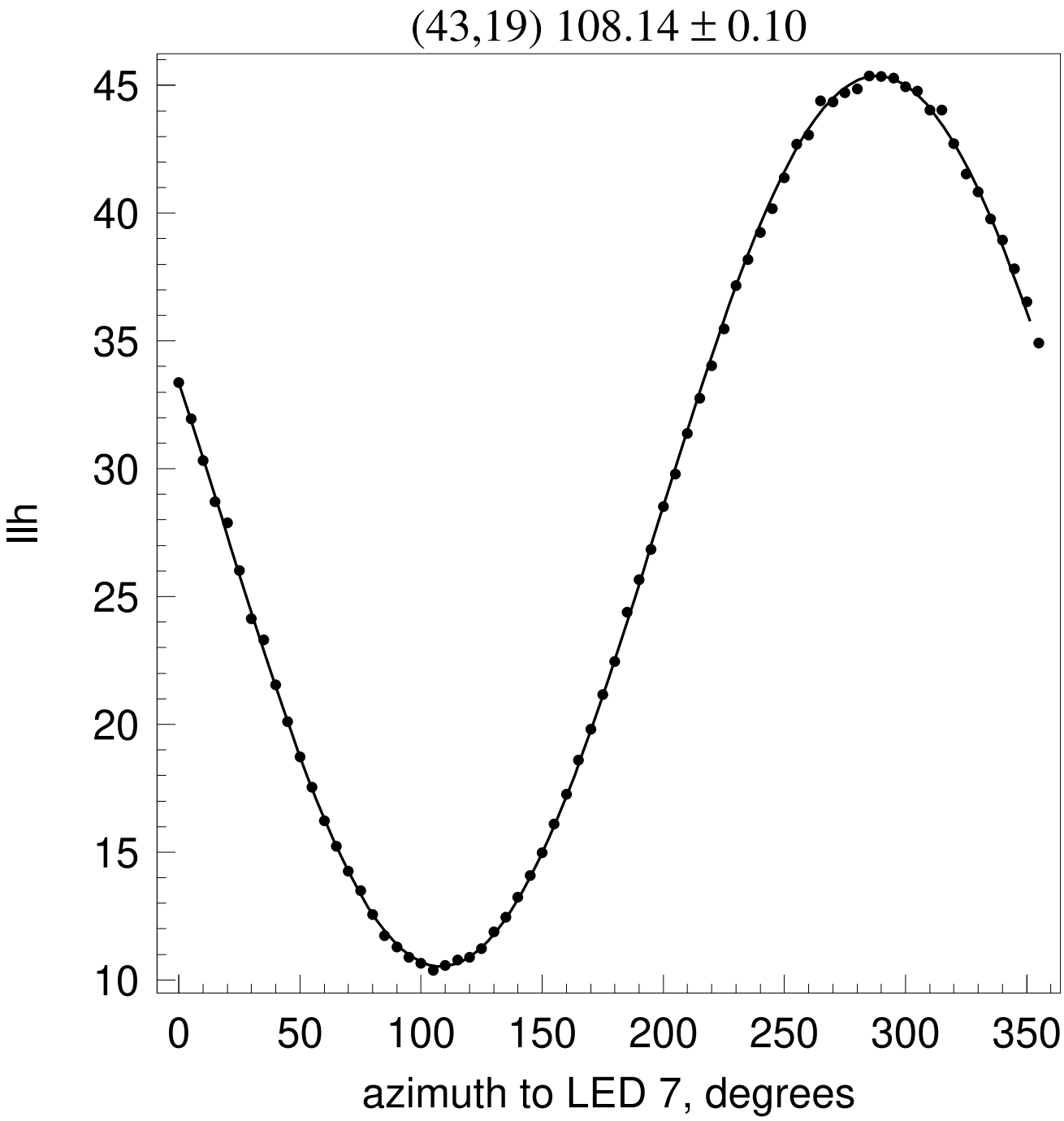

(43,14) 59.43 ± 0.24
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

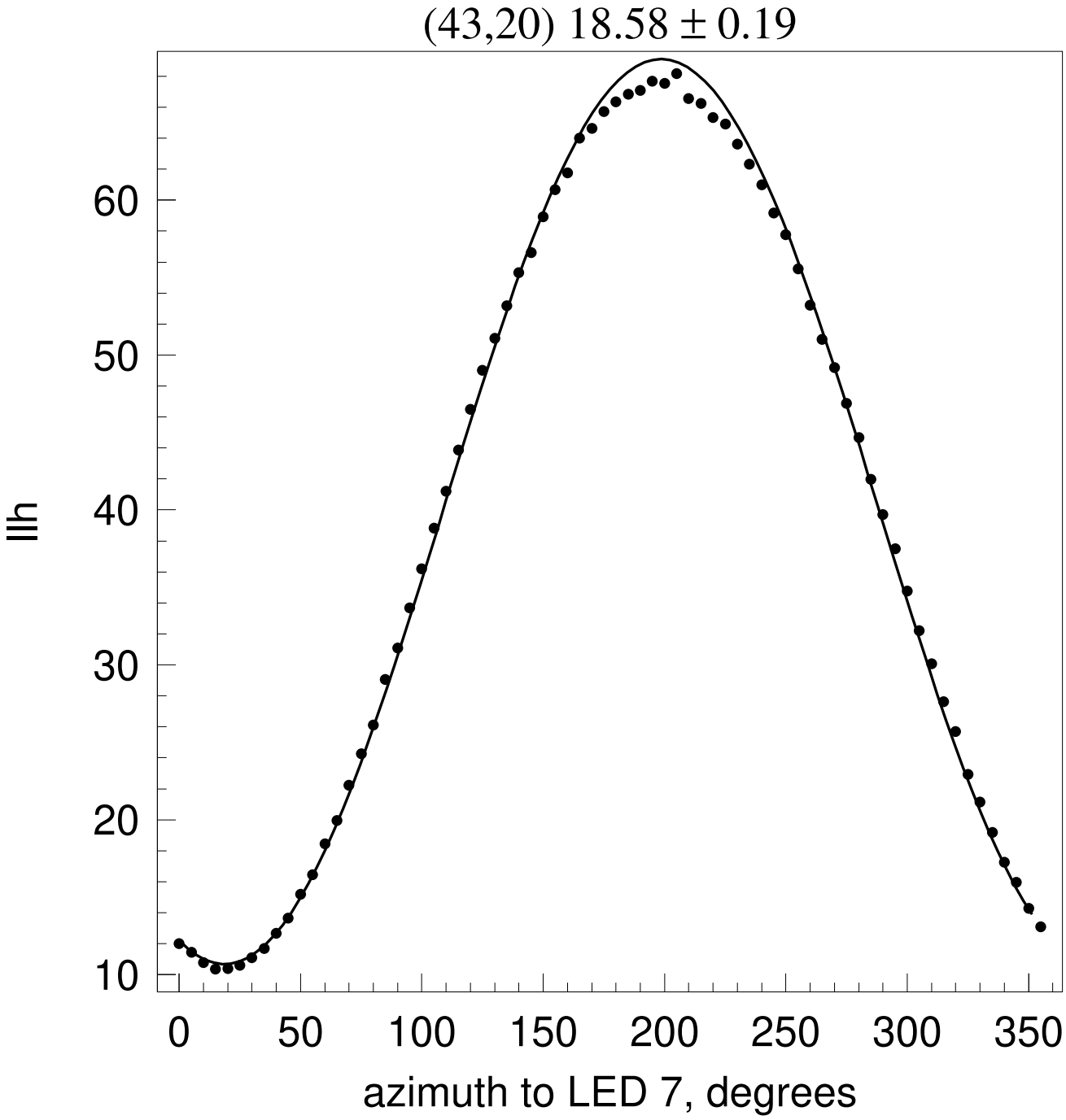

(43,15) 237.47 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

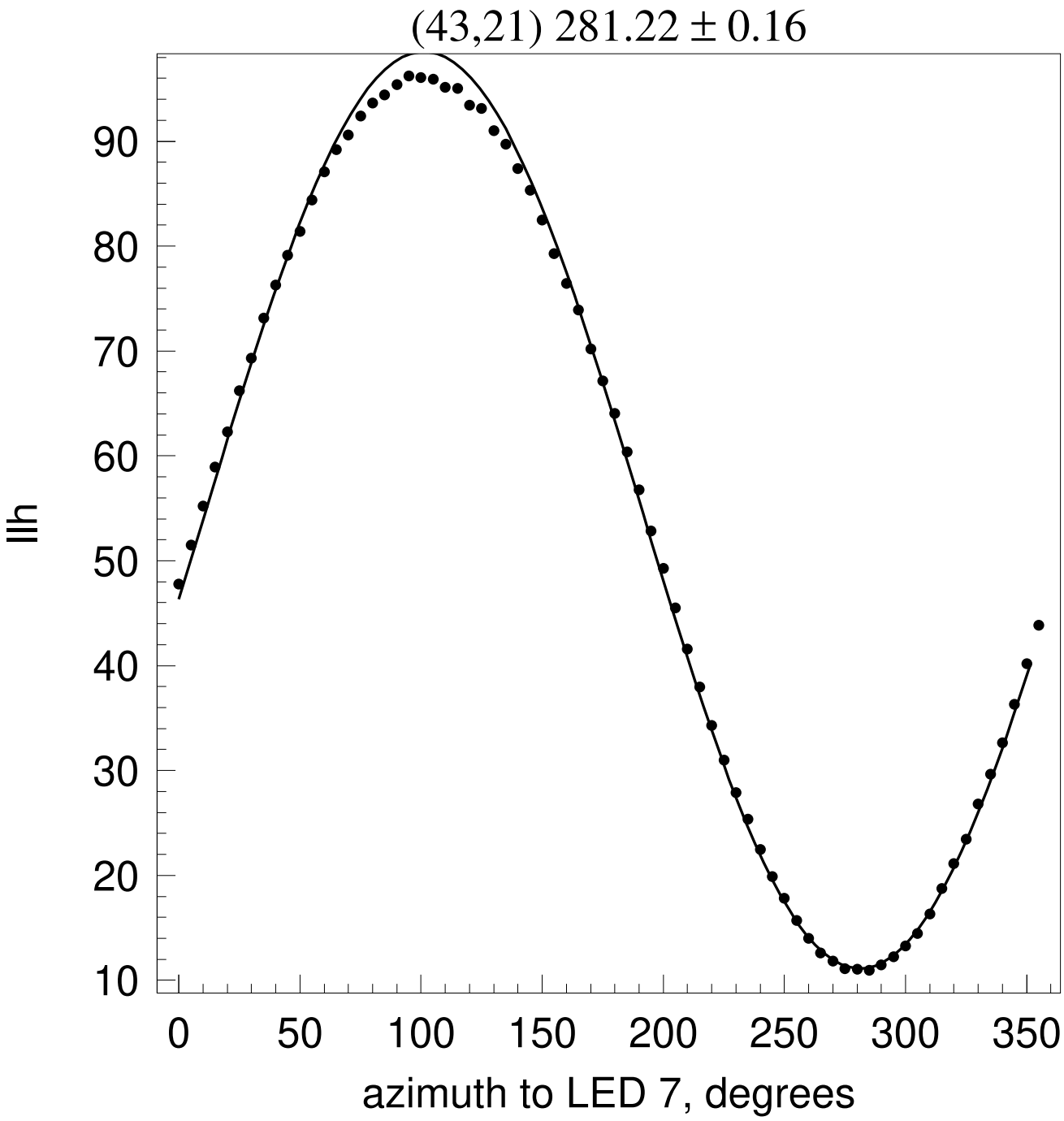

(43,16) 298.25 ± 0.18
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

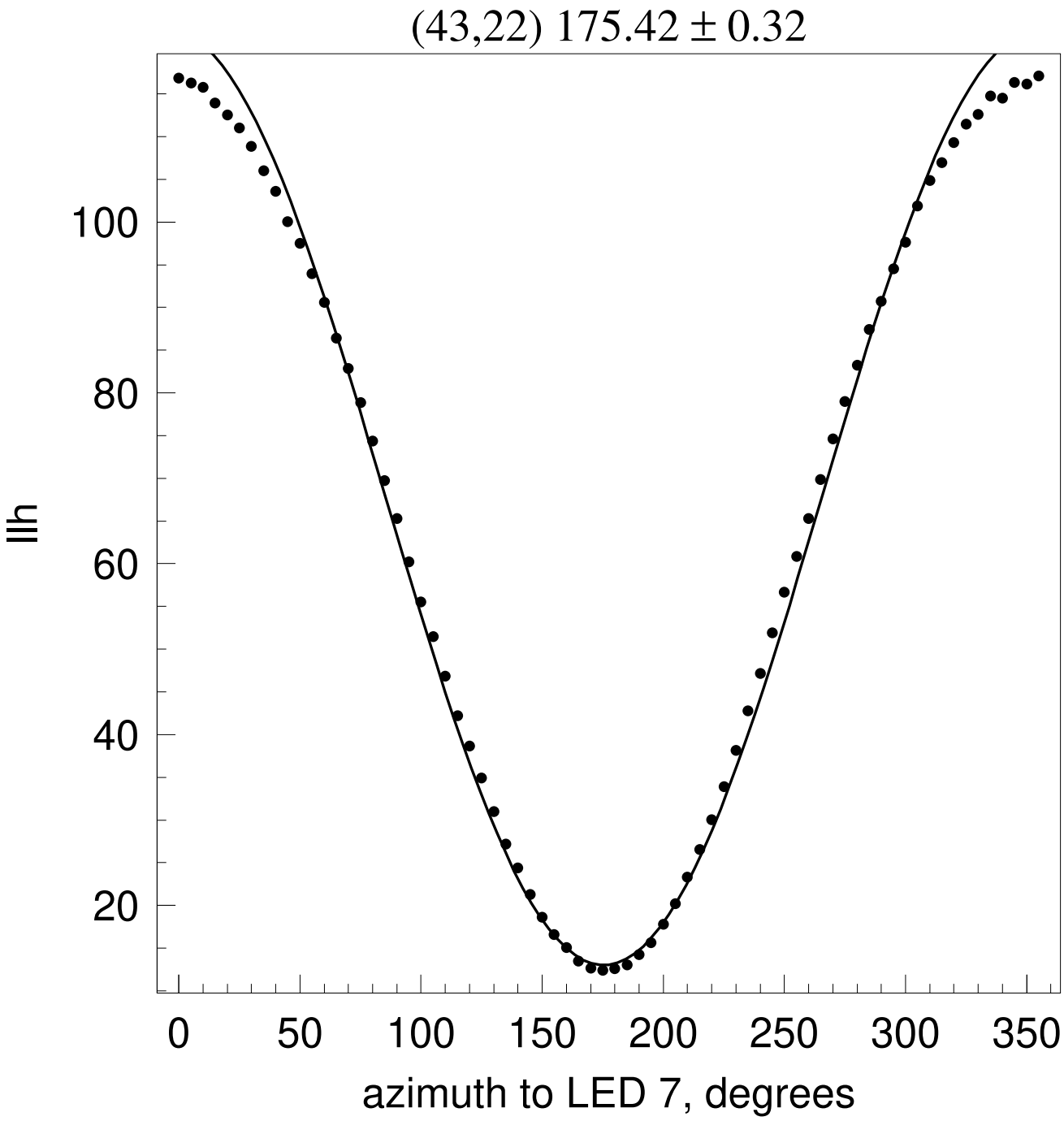

(43,17) 140.58 ± 0.14
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

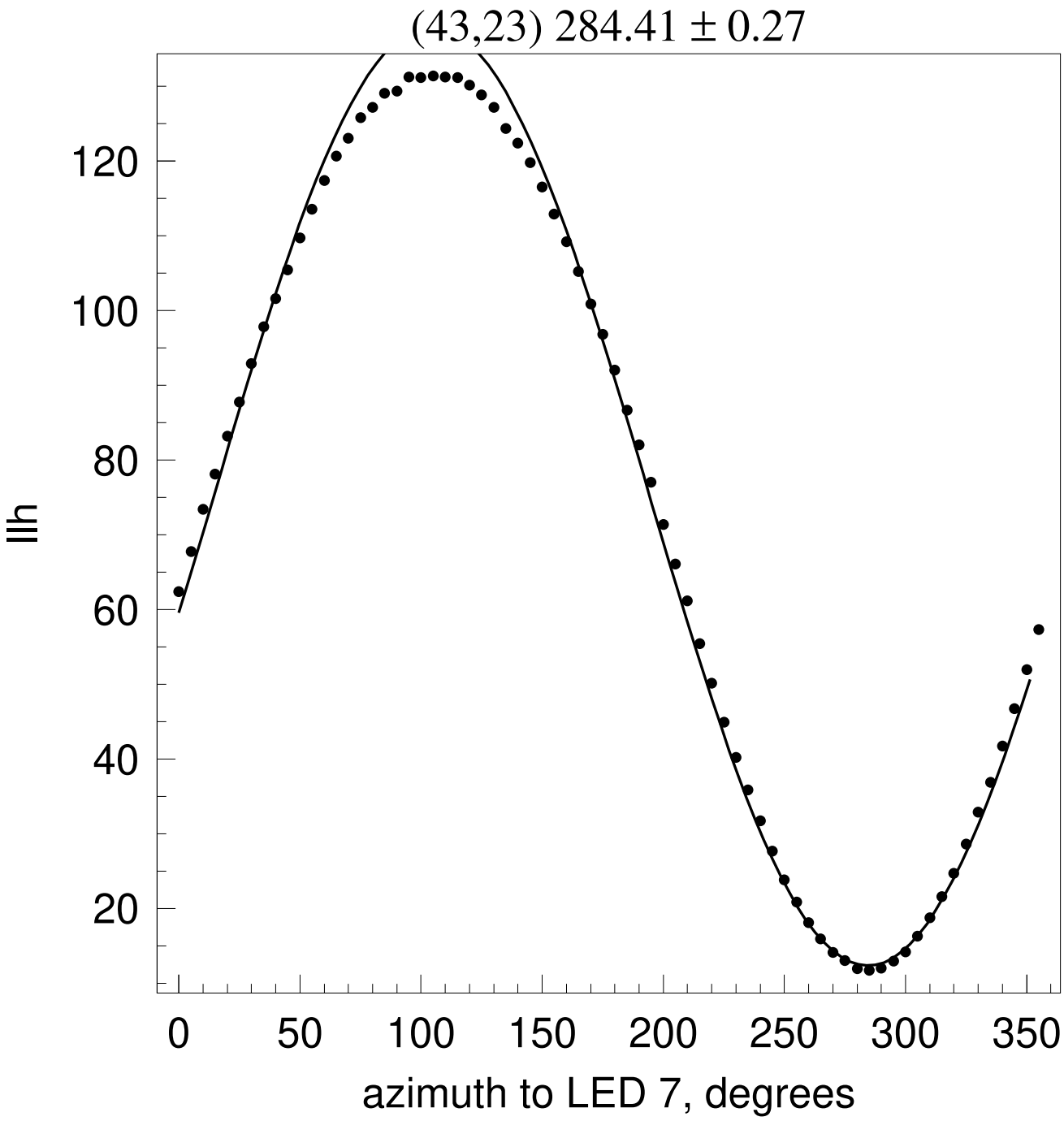

(43,18) 116.53 ± 0.15
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

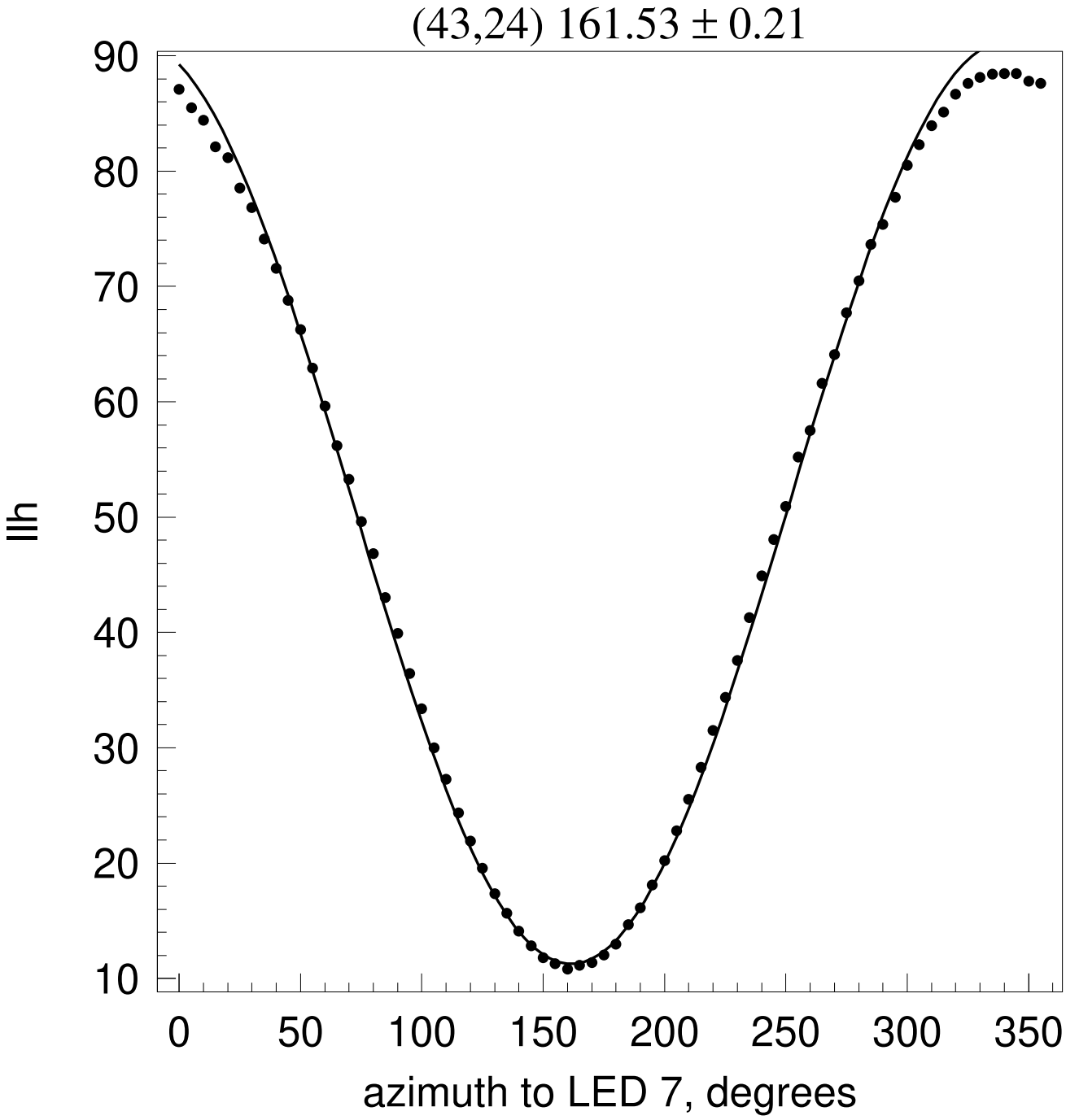

(43,19) 108.14 ± 0.10
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

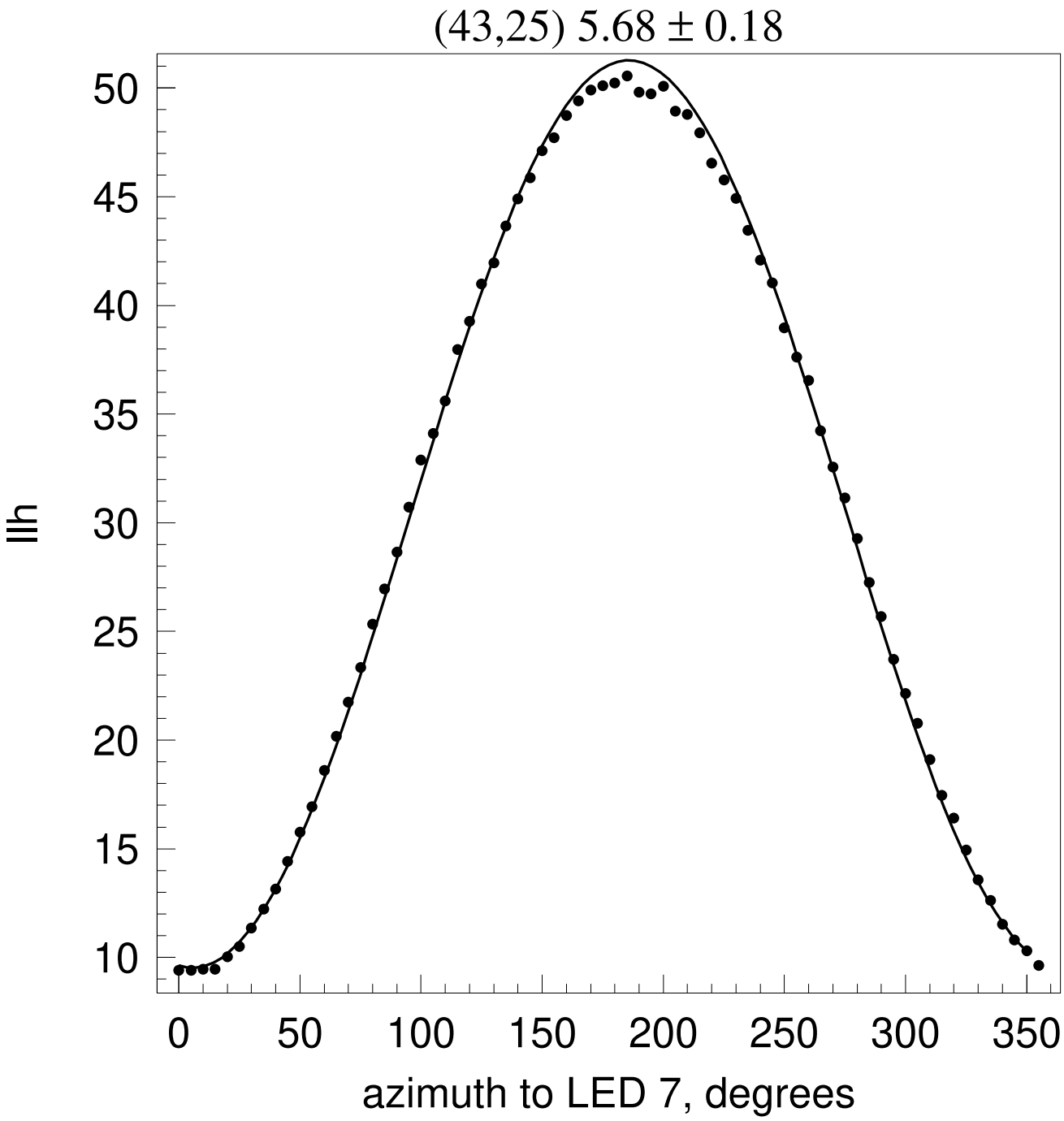

(43,20) 18.58 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

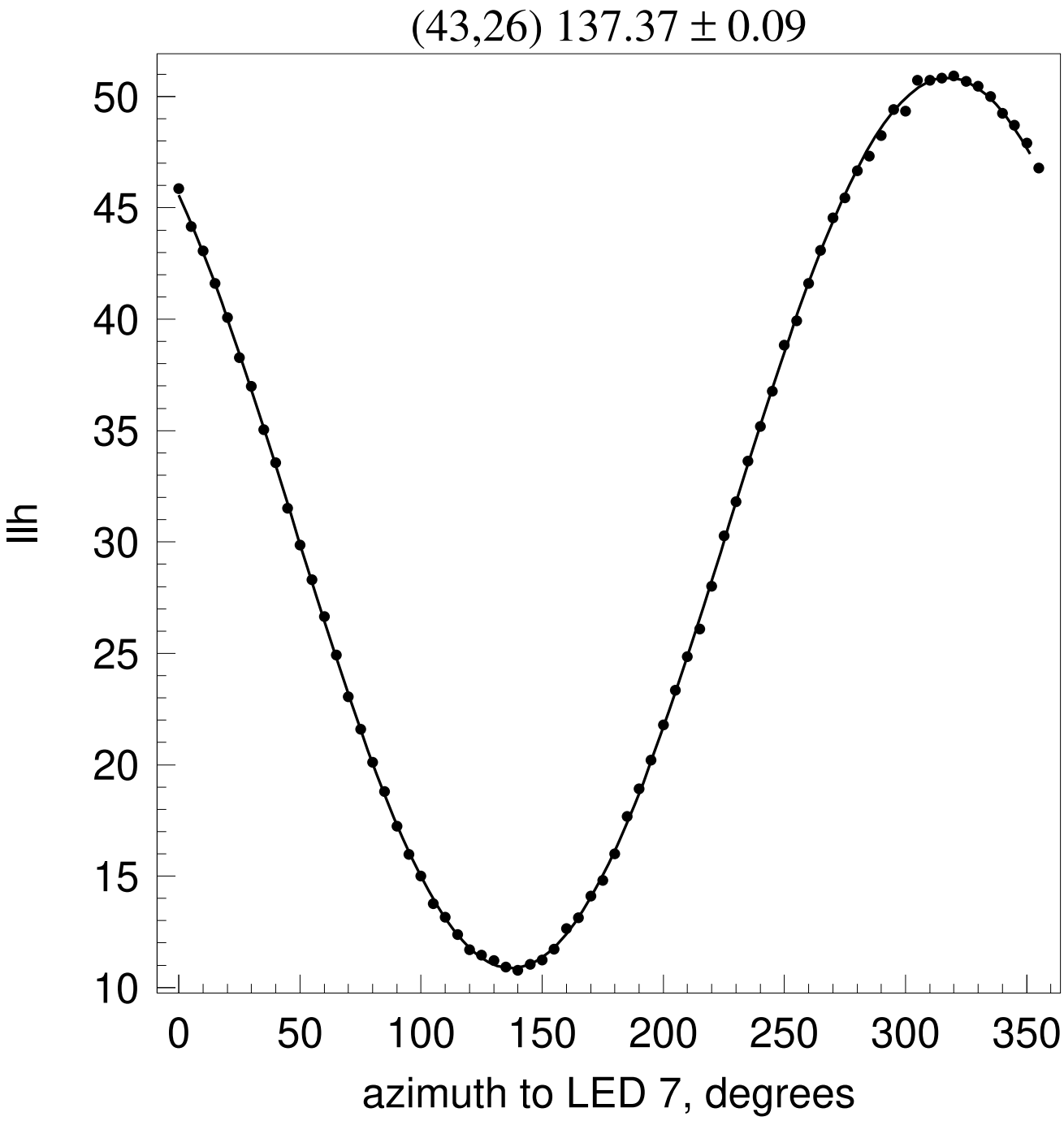

(43,21) 281.22 ± 0.16
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

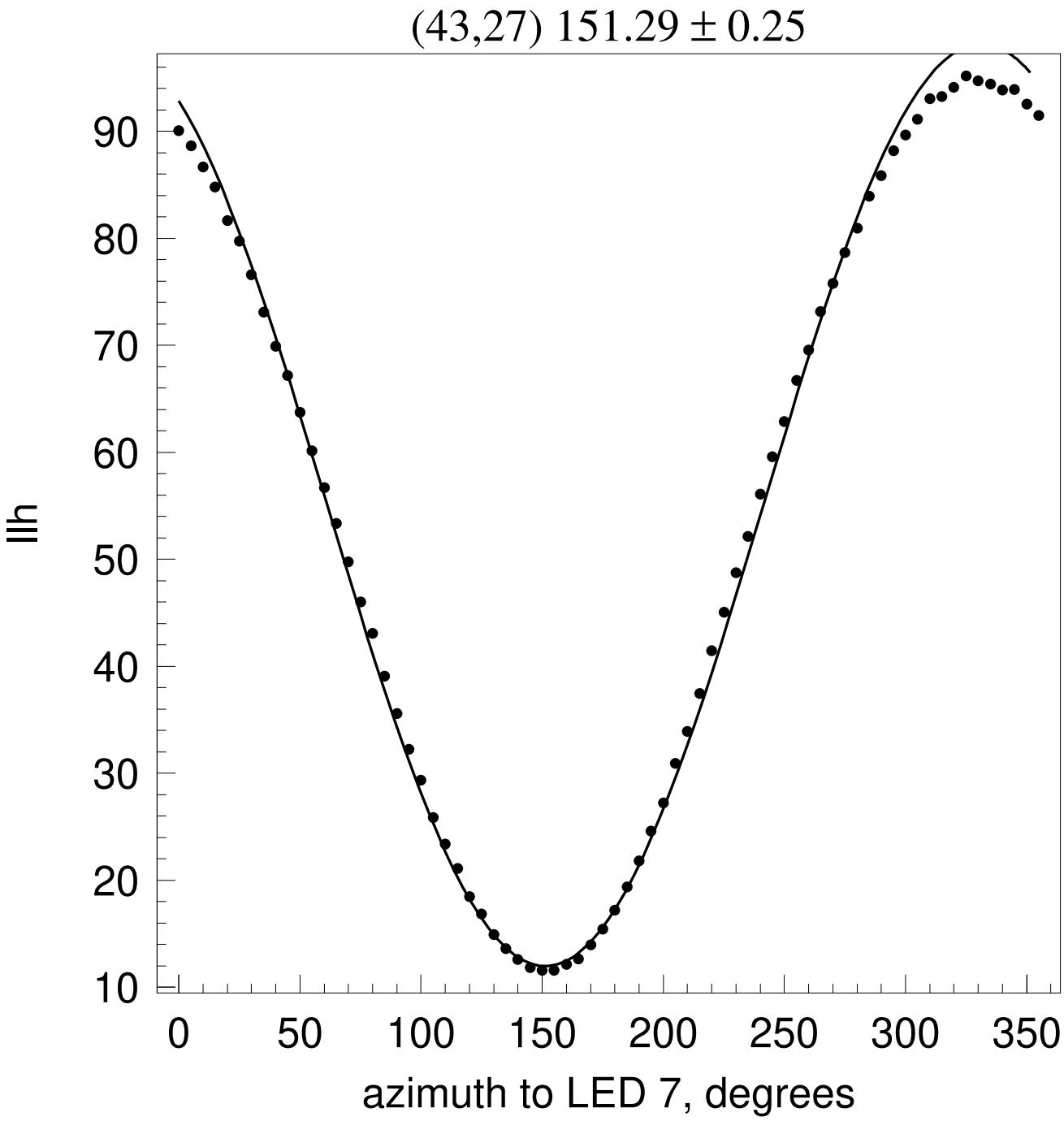

(43,22) 175.42 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

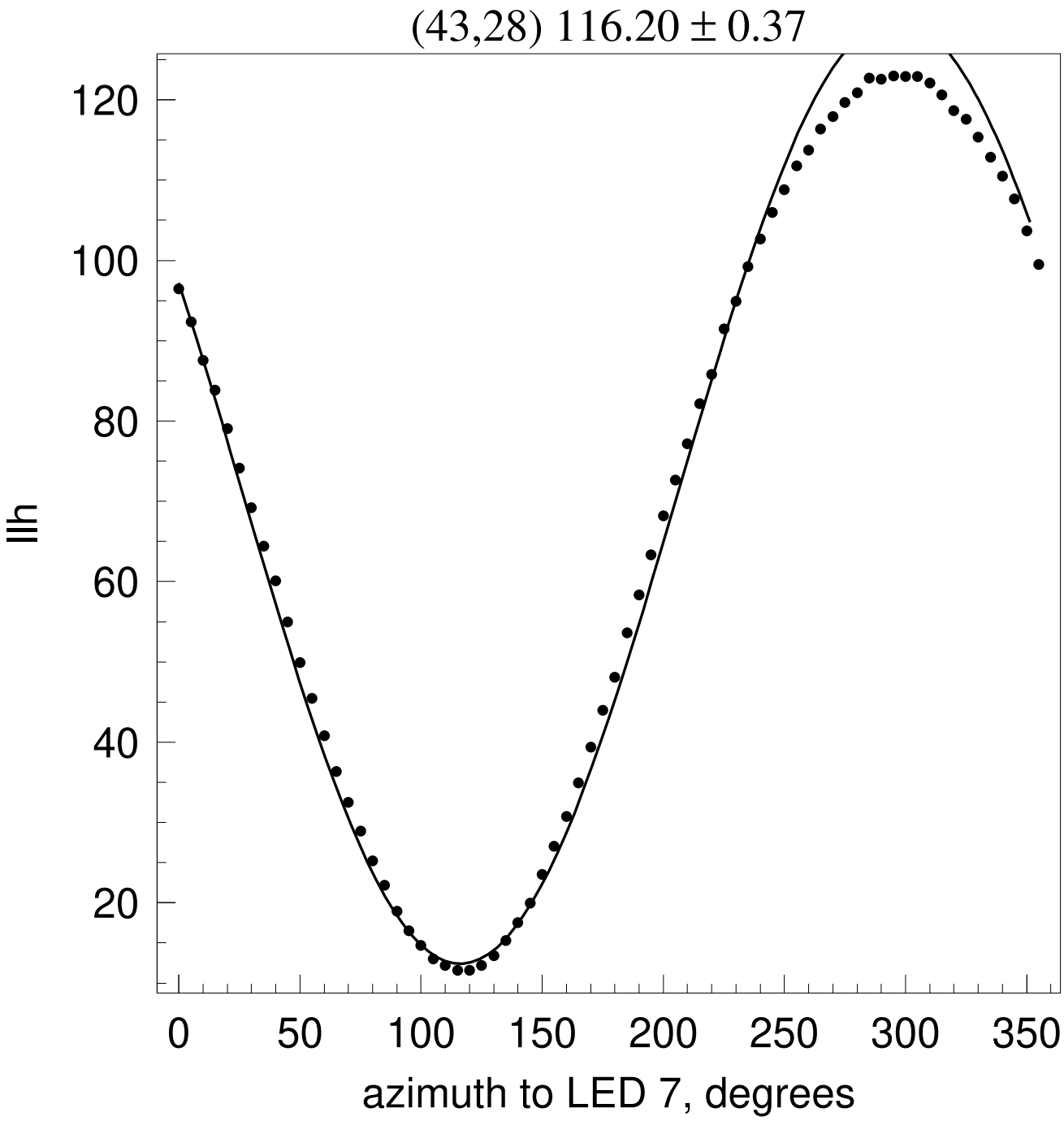

(43,23) 284.41 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

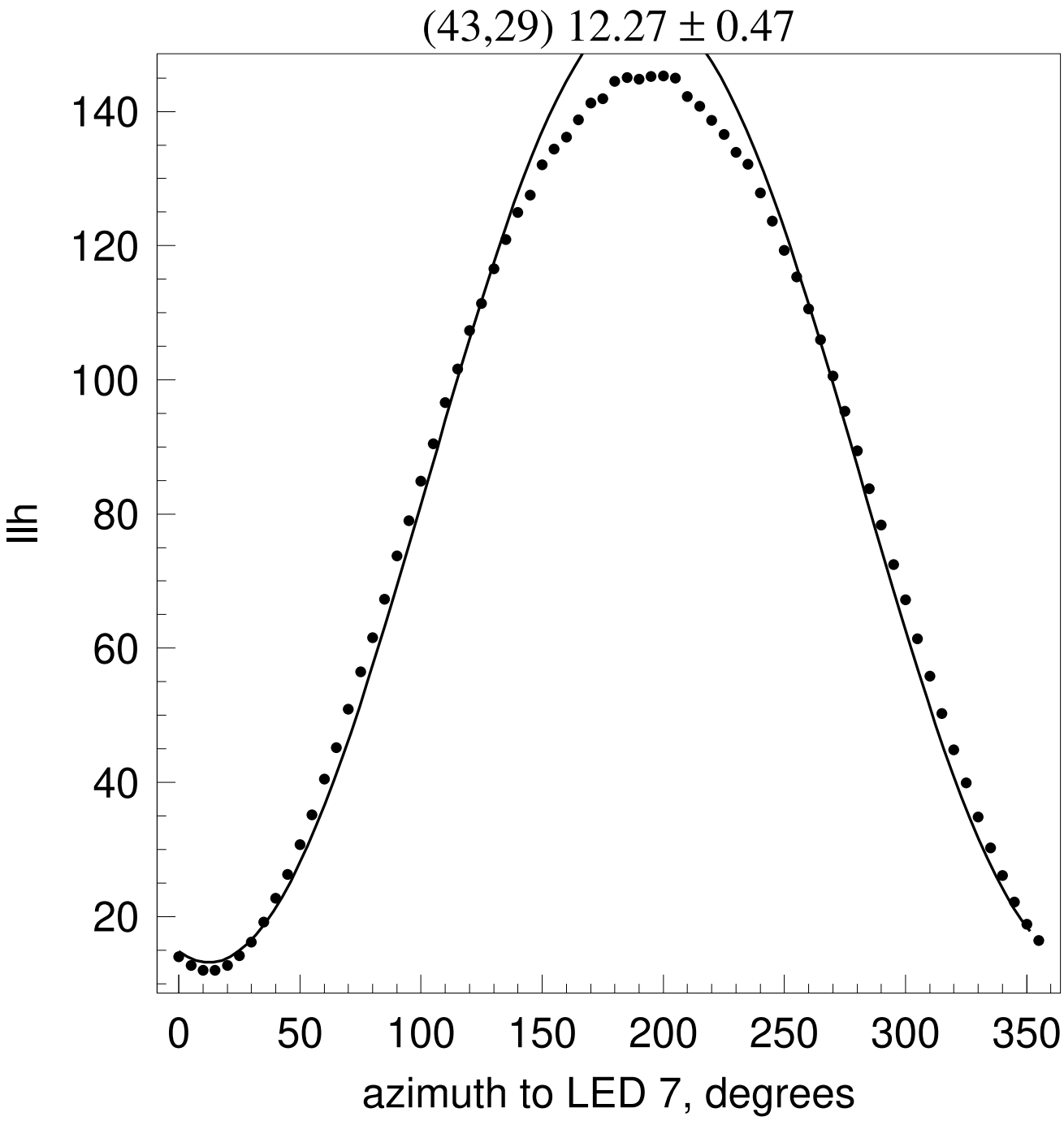

(43,24) 161.53 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

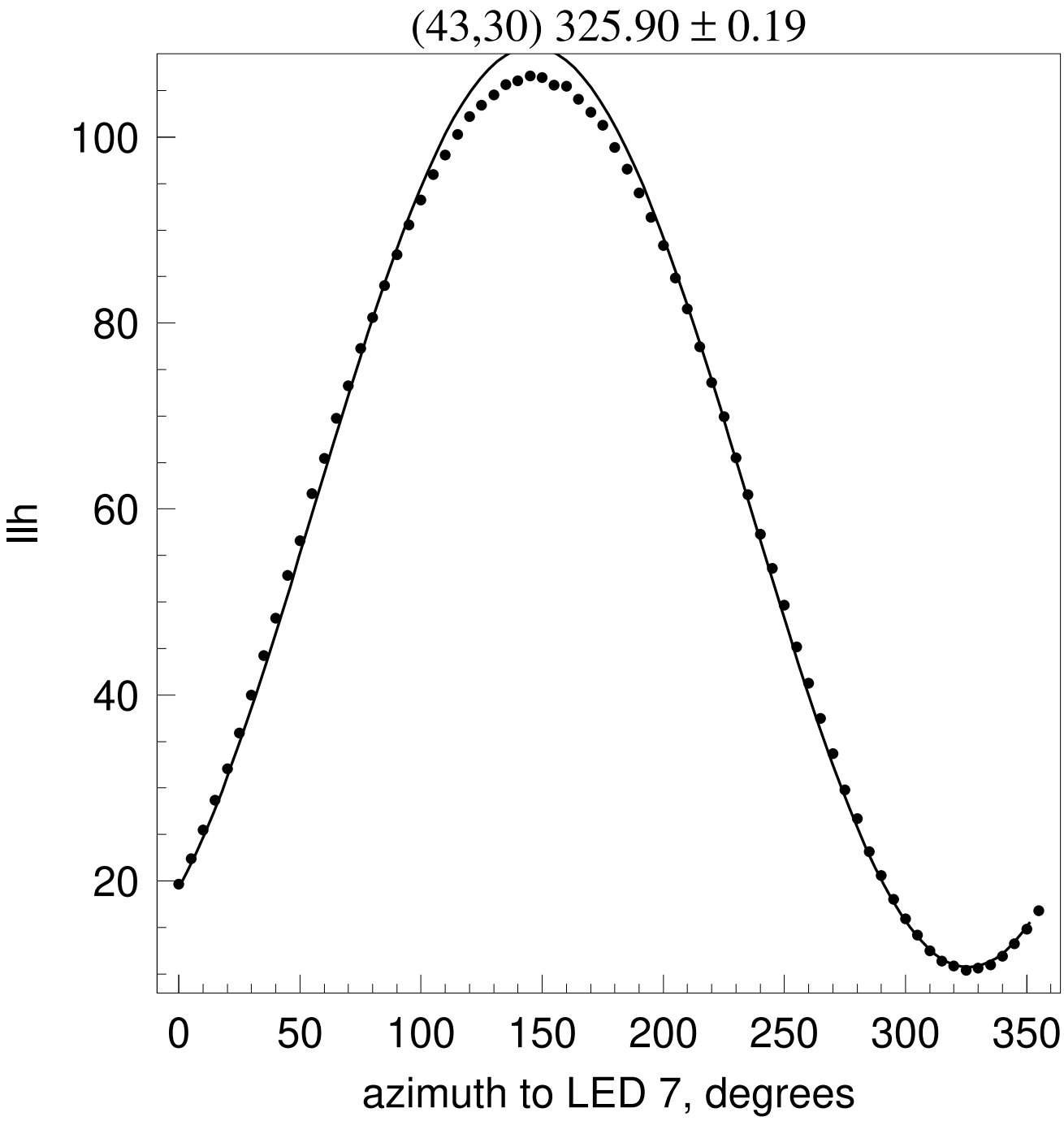

(43,25) 5.68 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

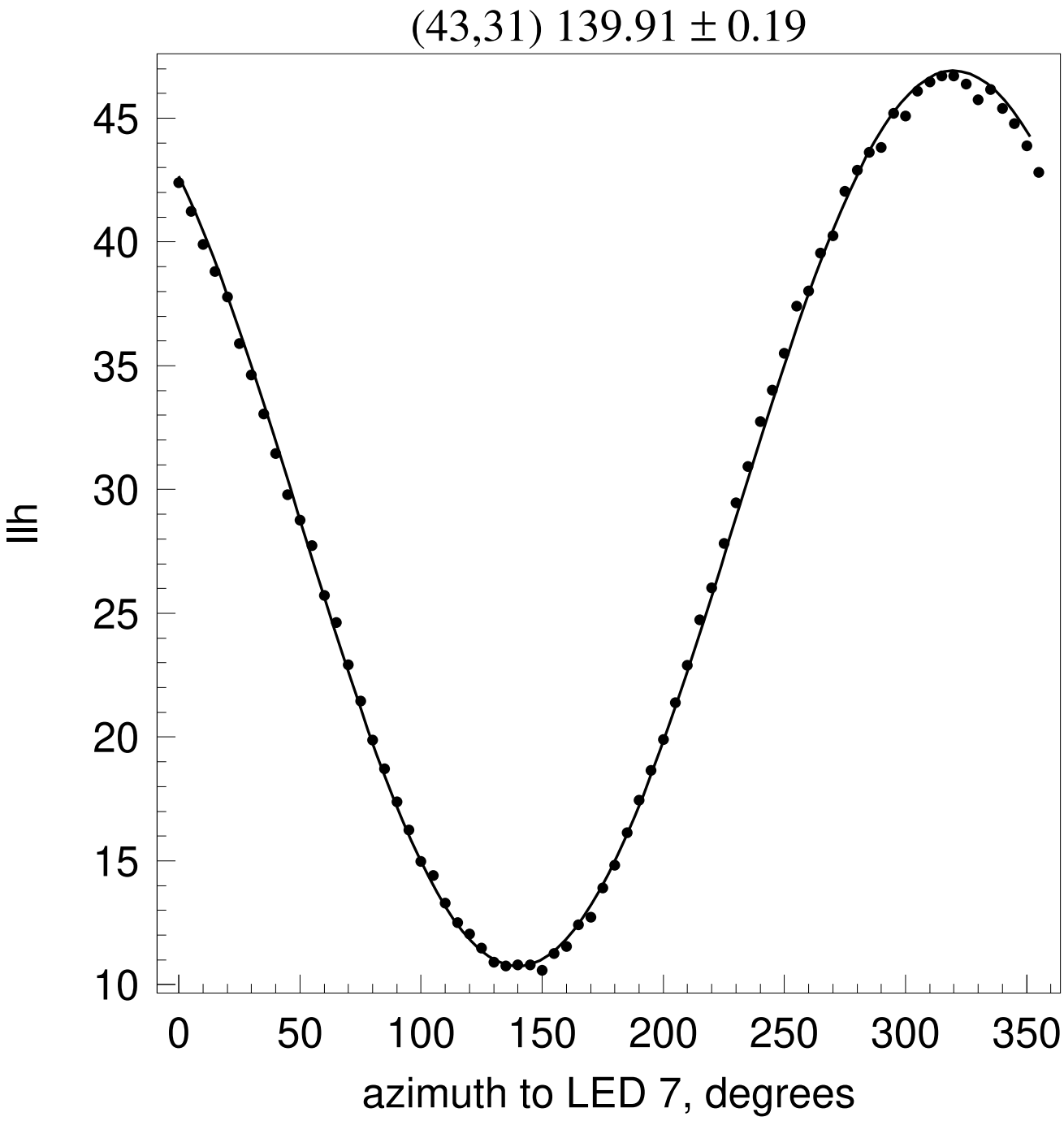

(43,26) 137.37 ± 0.09
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

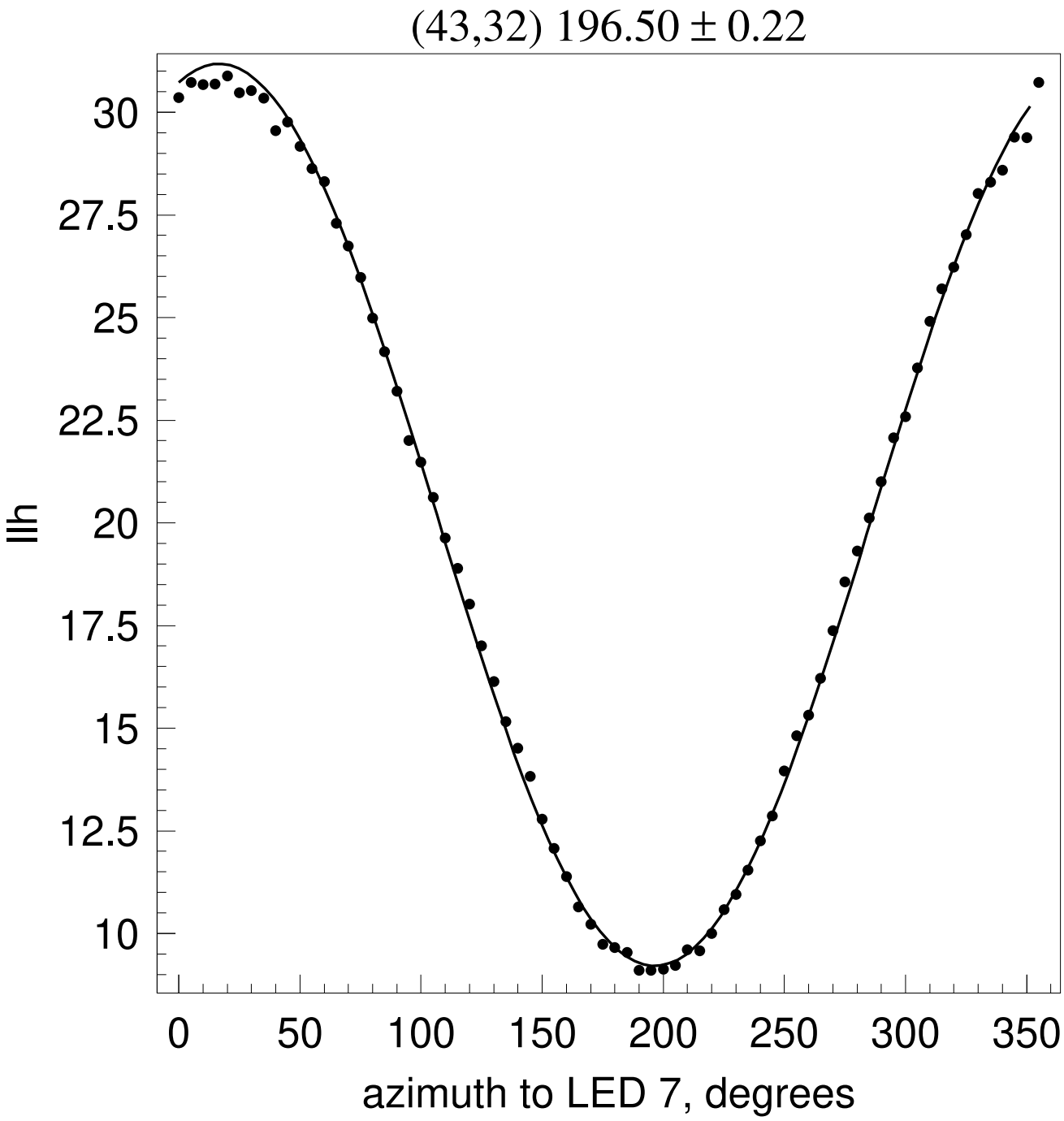

(43,27) 151.29 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

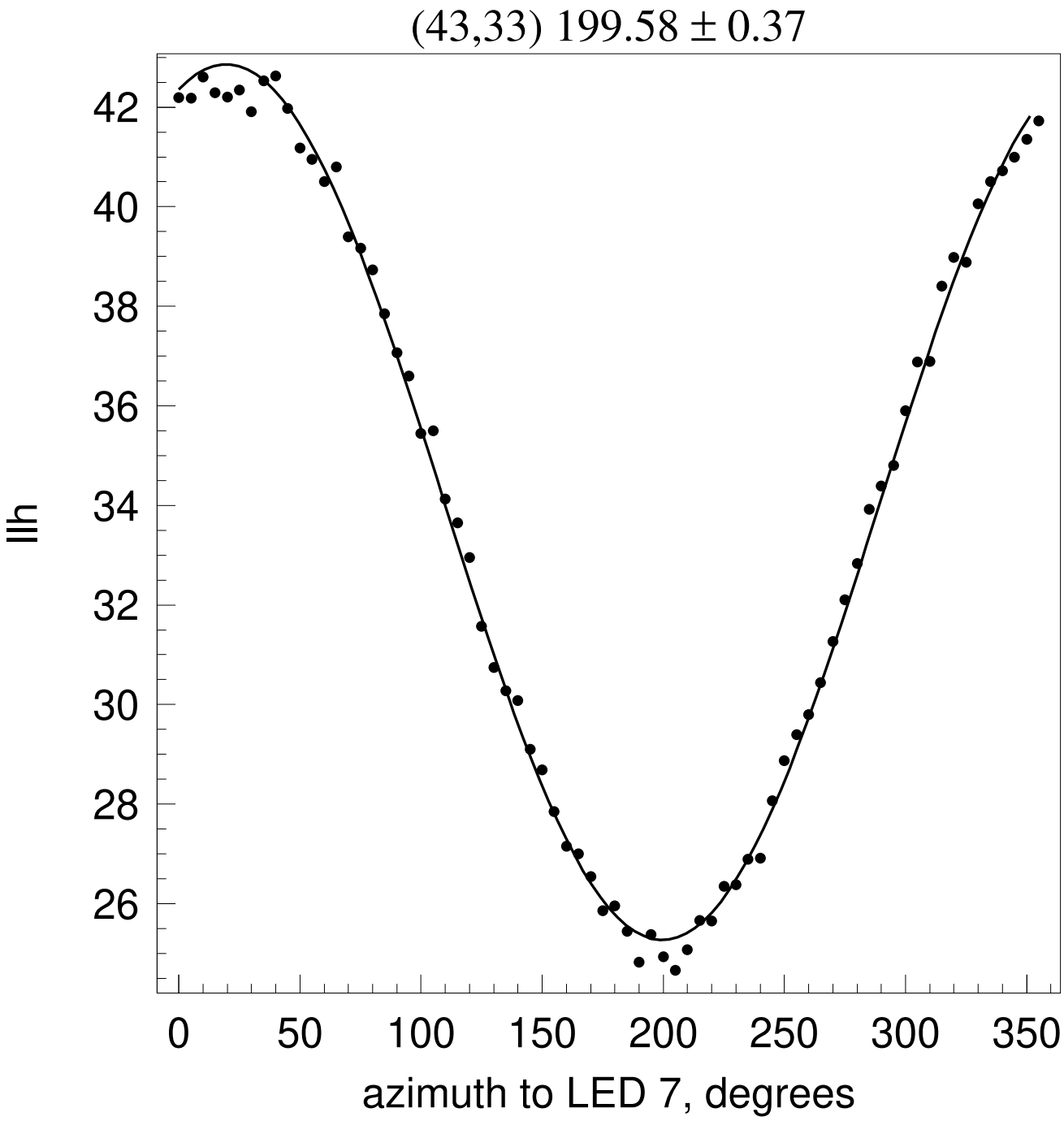

(43,28) 116.20 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

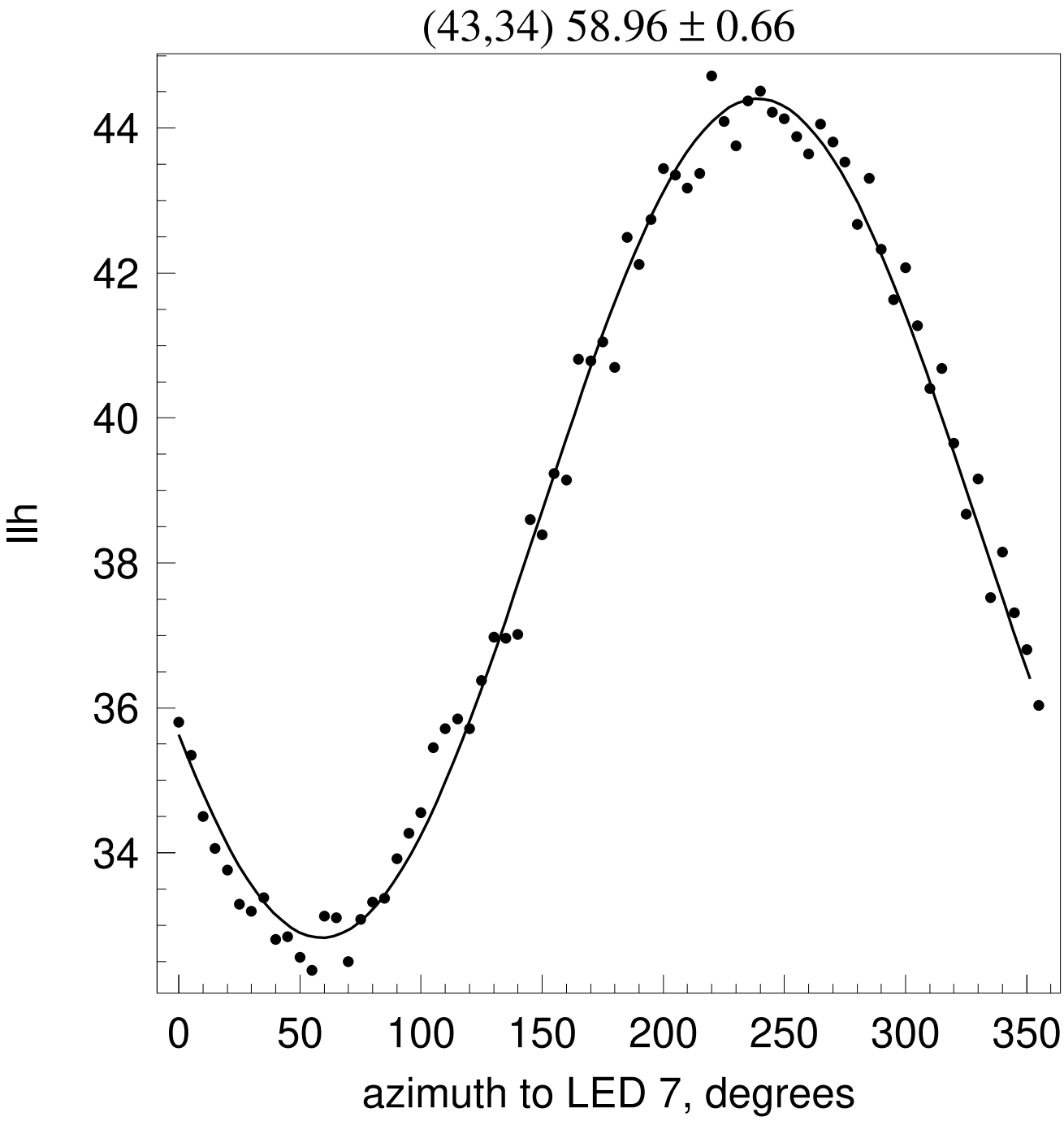

(43,29) 12.27 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

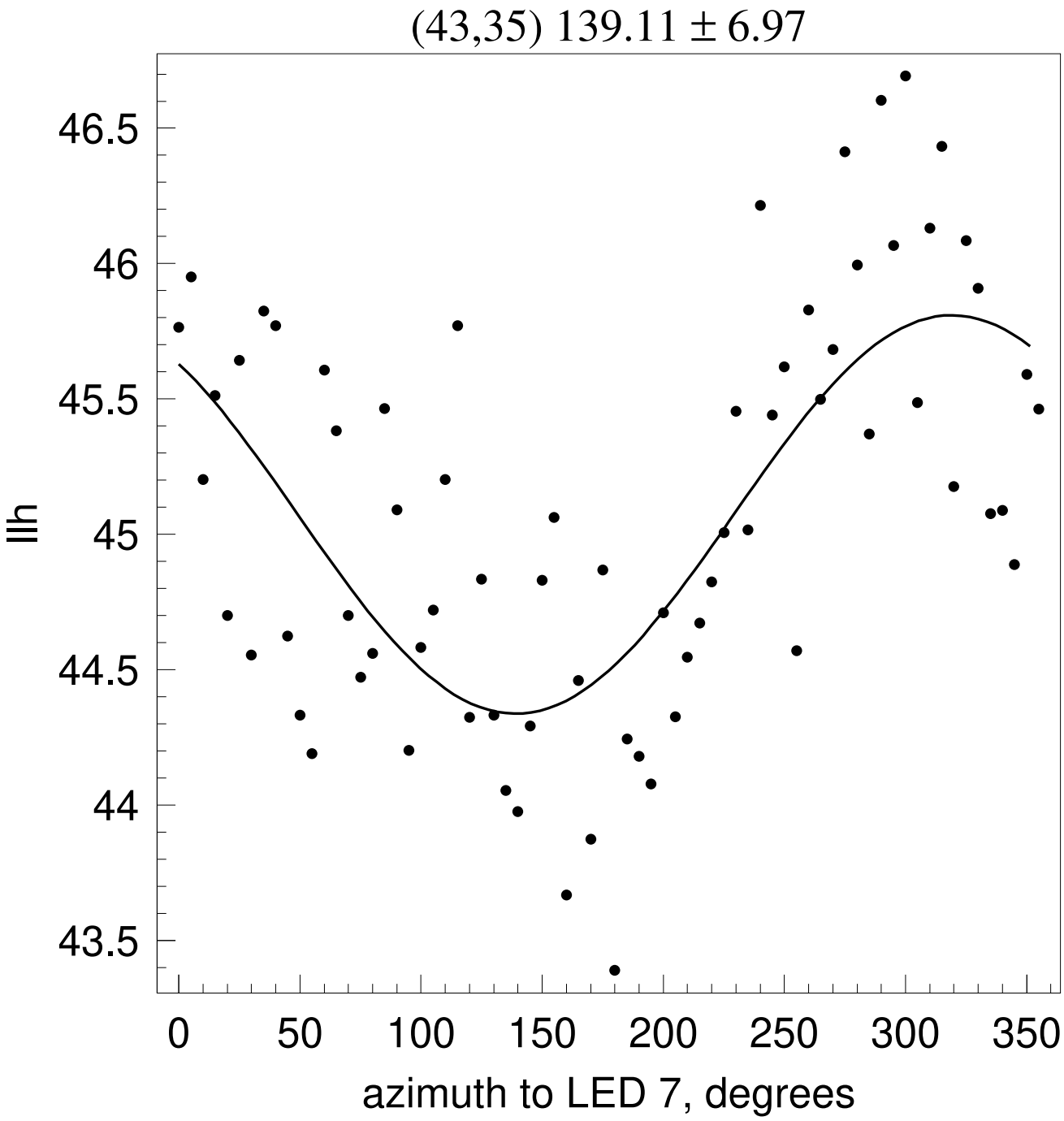

(43,30) 325.90 ± 0.19
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

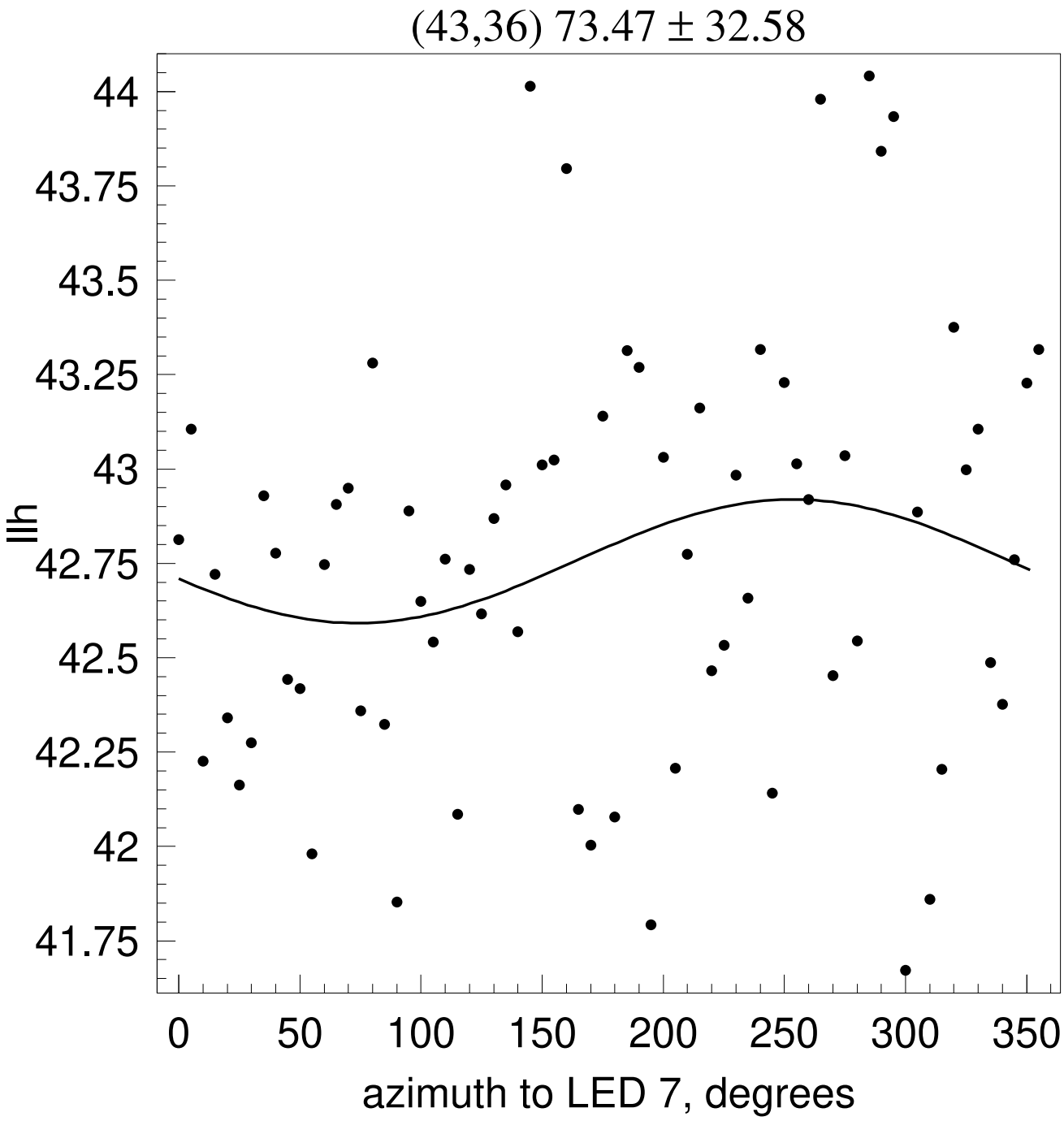

(43,31) 139.91 ± 0.19
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

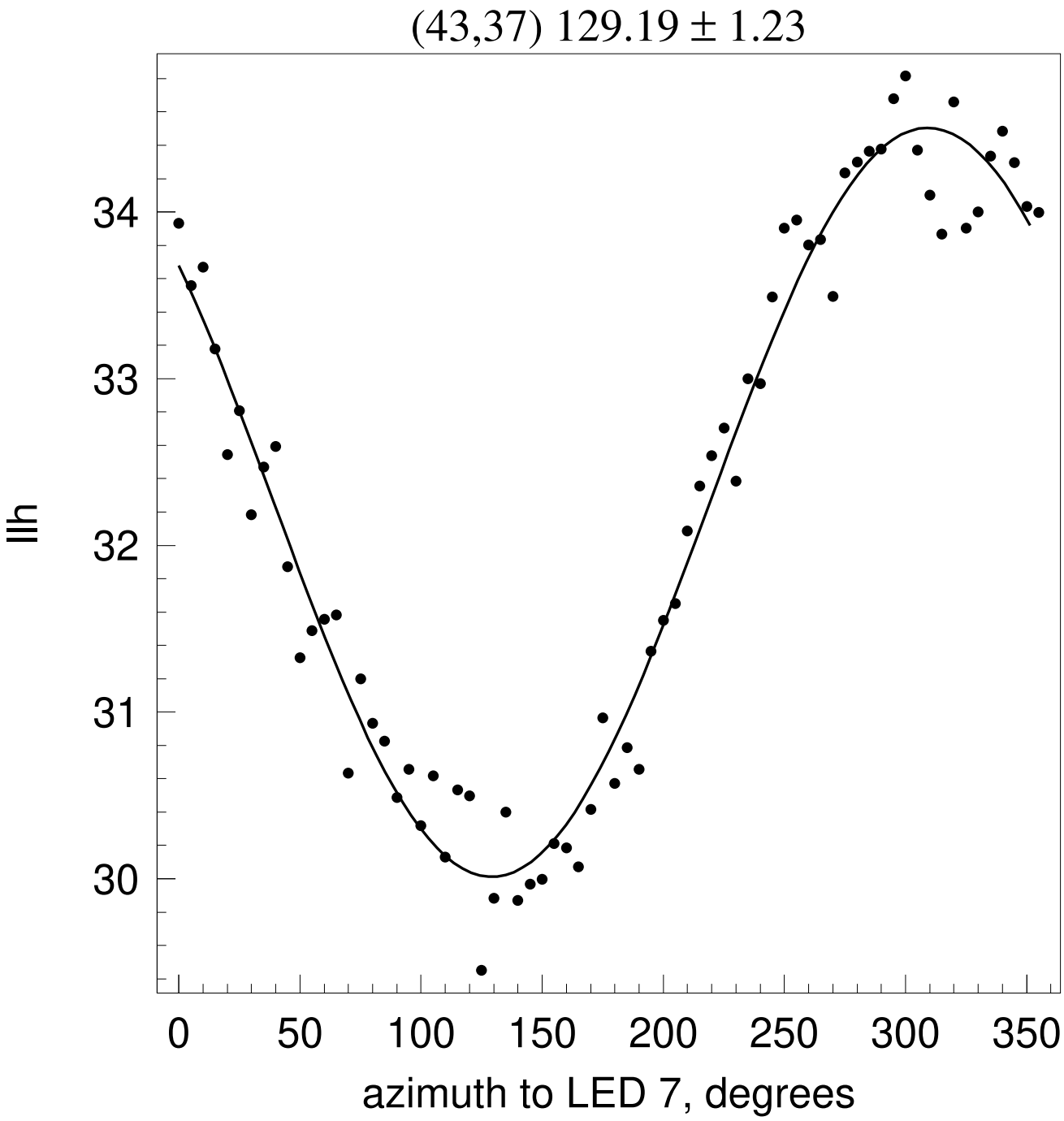

(43,32) 196.50 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

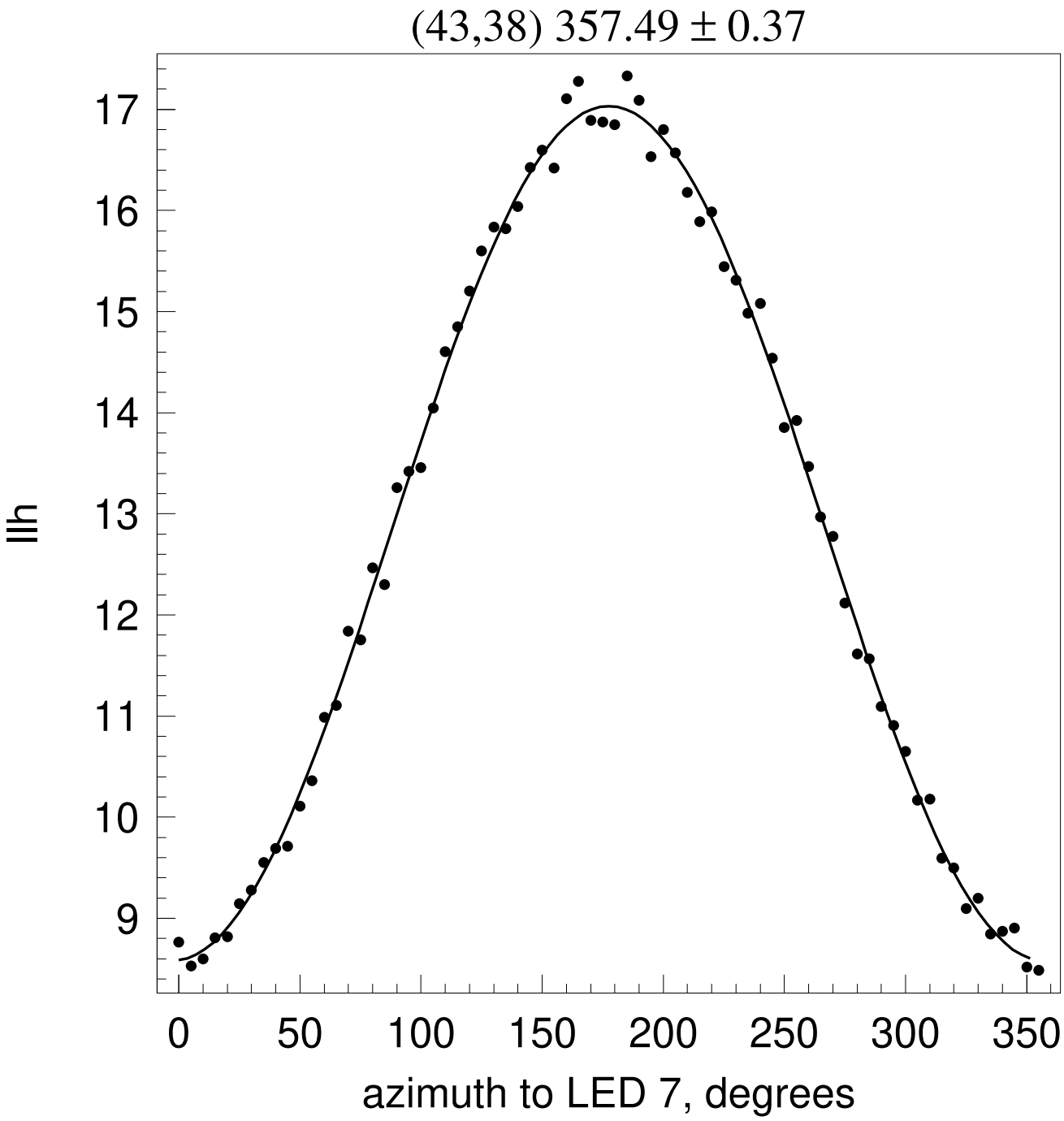

(43,33) 199.58 ± 0.37
42
40
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

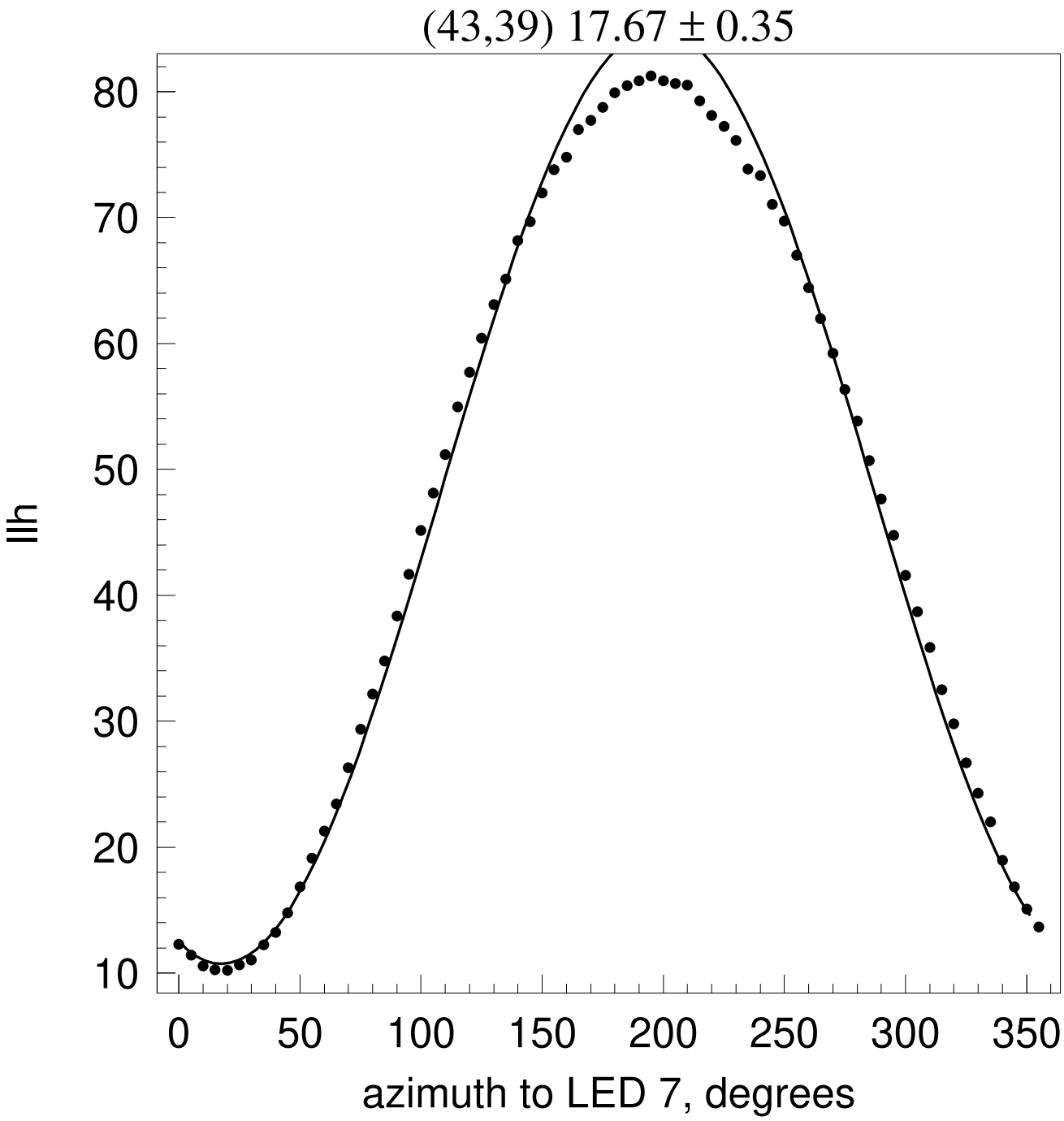

(43,34) 58.96 ± 0.66
44
42
40
38
36
34
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

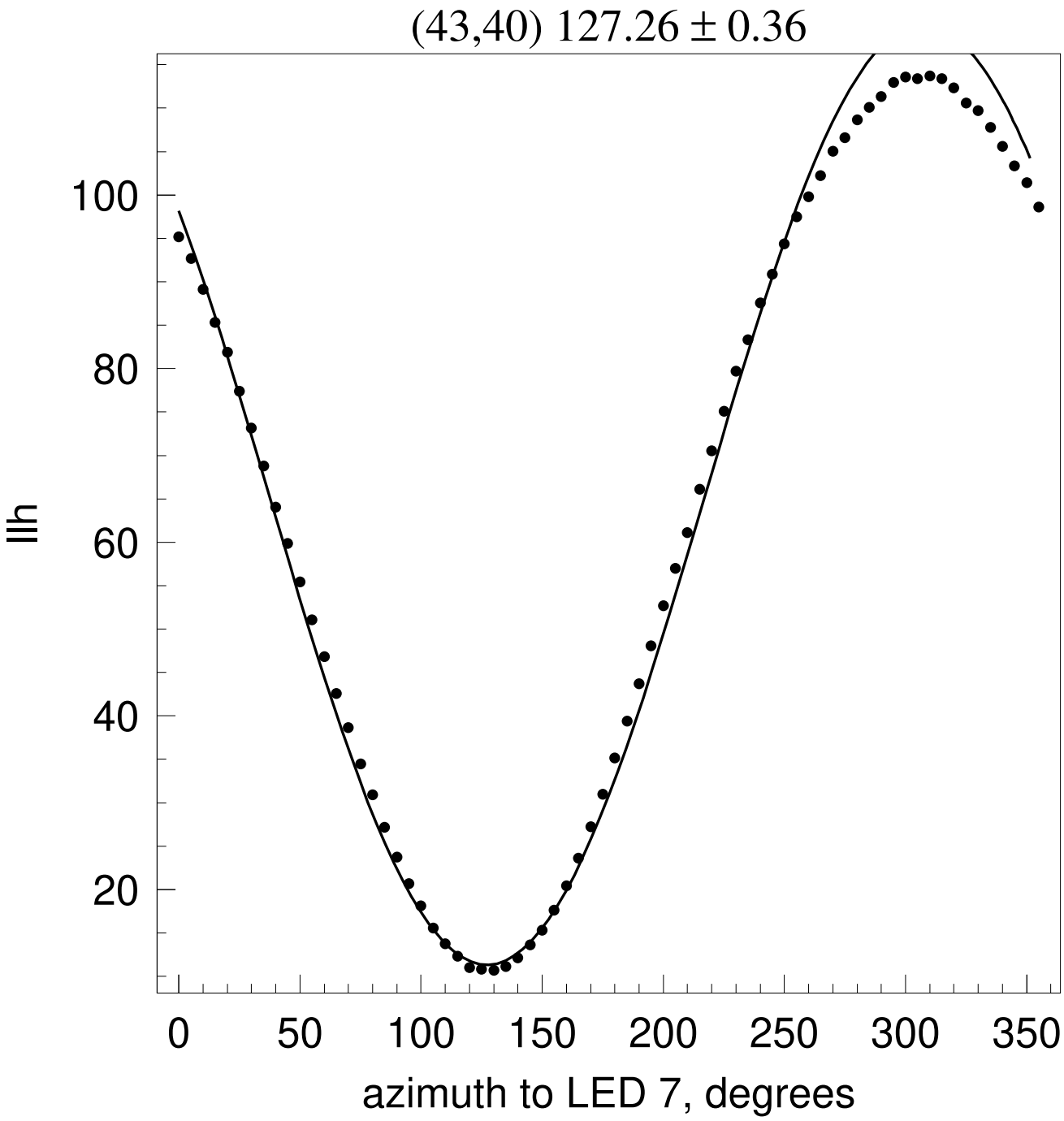

(43,35) 139.11 ± 6.97
46.5
46
45.5
45
44.5
44
43.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

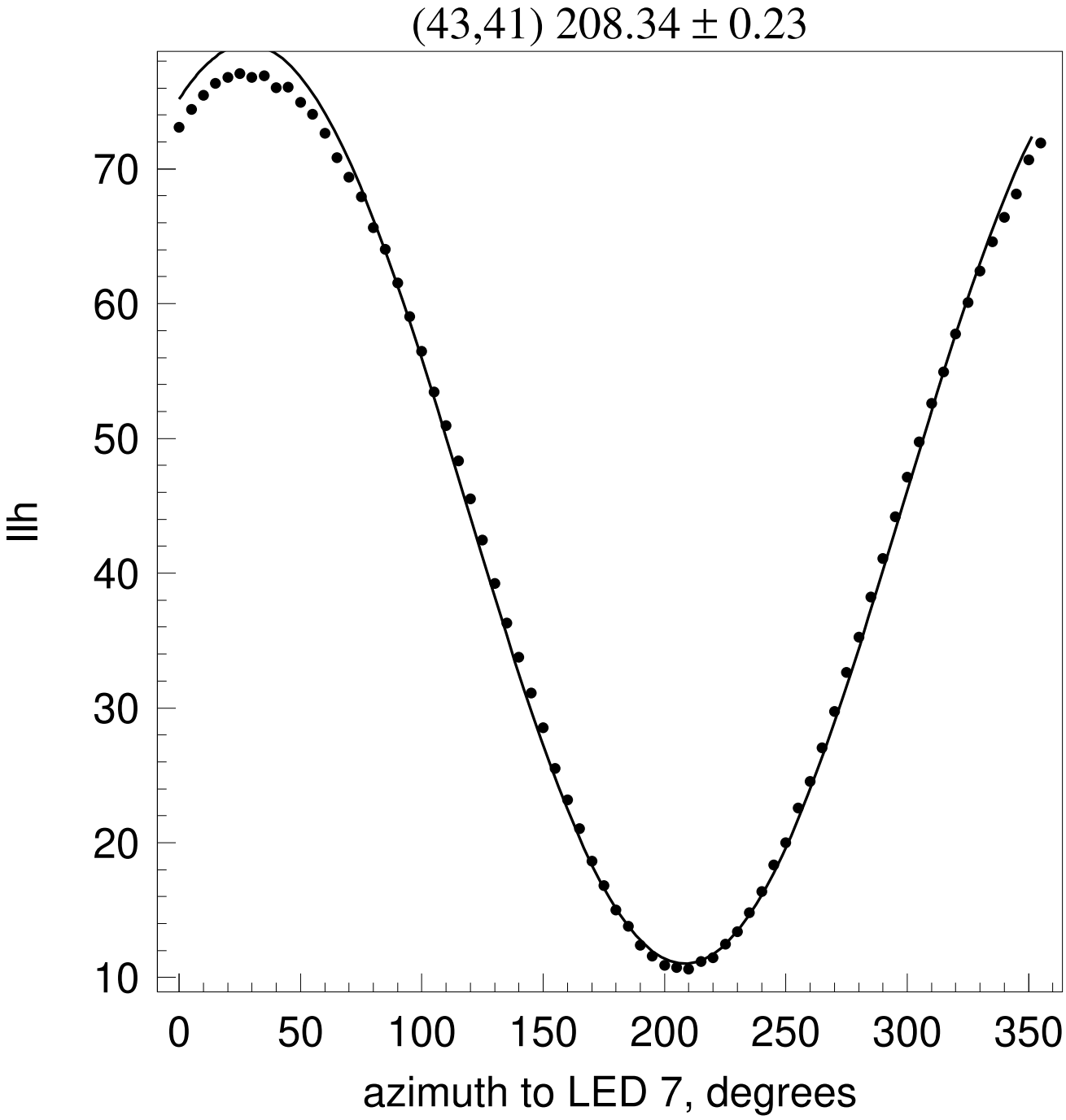

(43,36) 73.47 ± 32.58
44
43.75
43.5
43.25
43
42.75
42.5
42.25
42
41.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

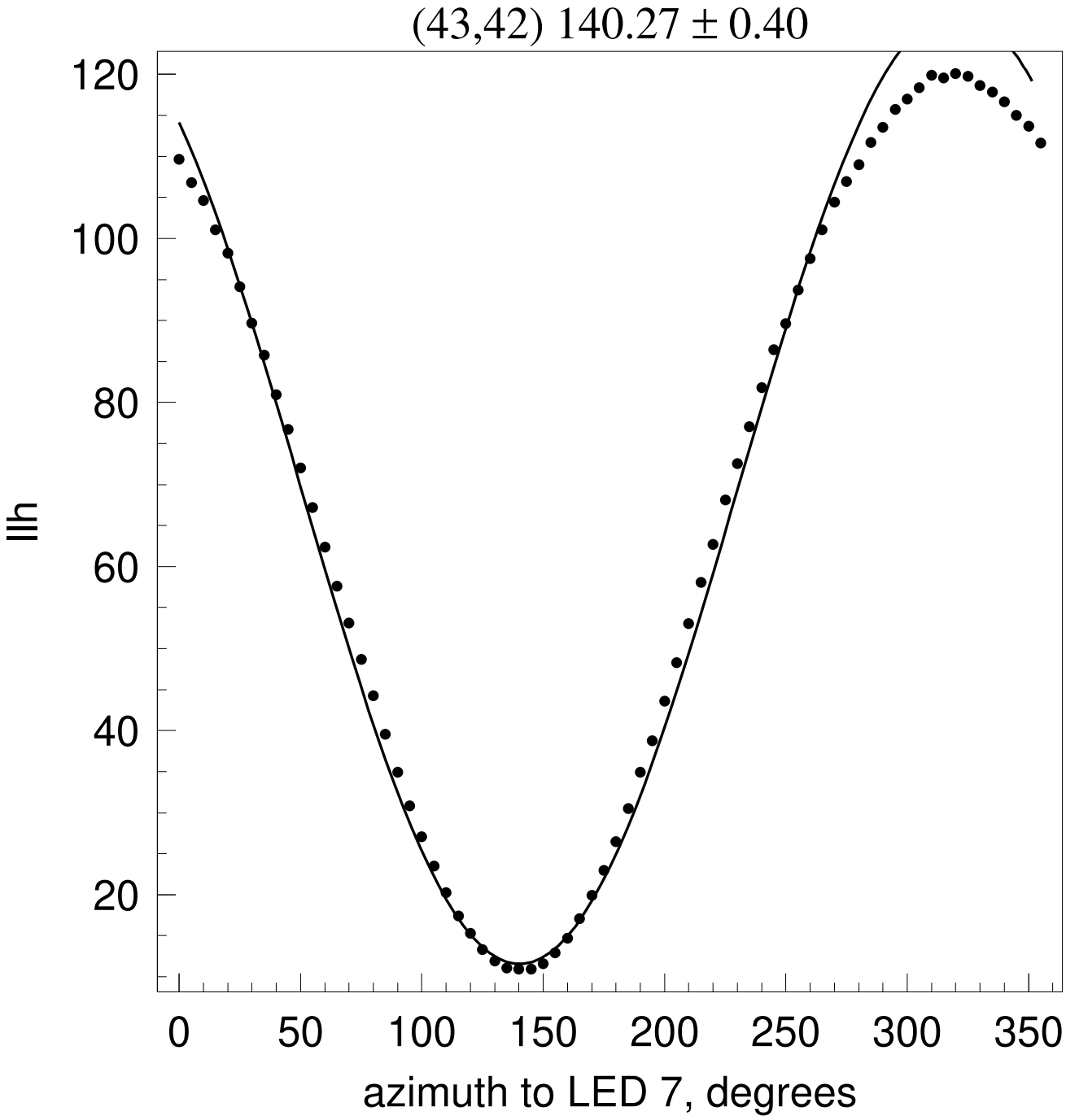

(43,37) 129.19 ± 1.23
34
33
32
31
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

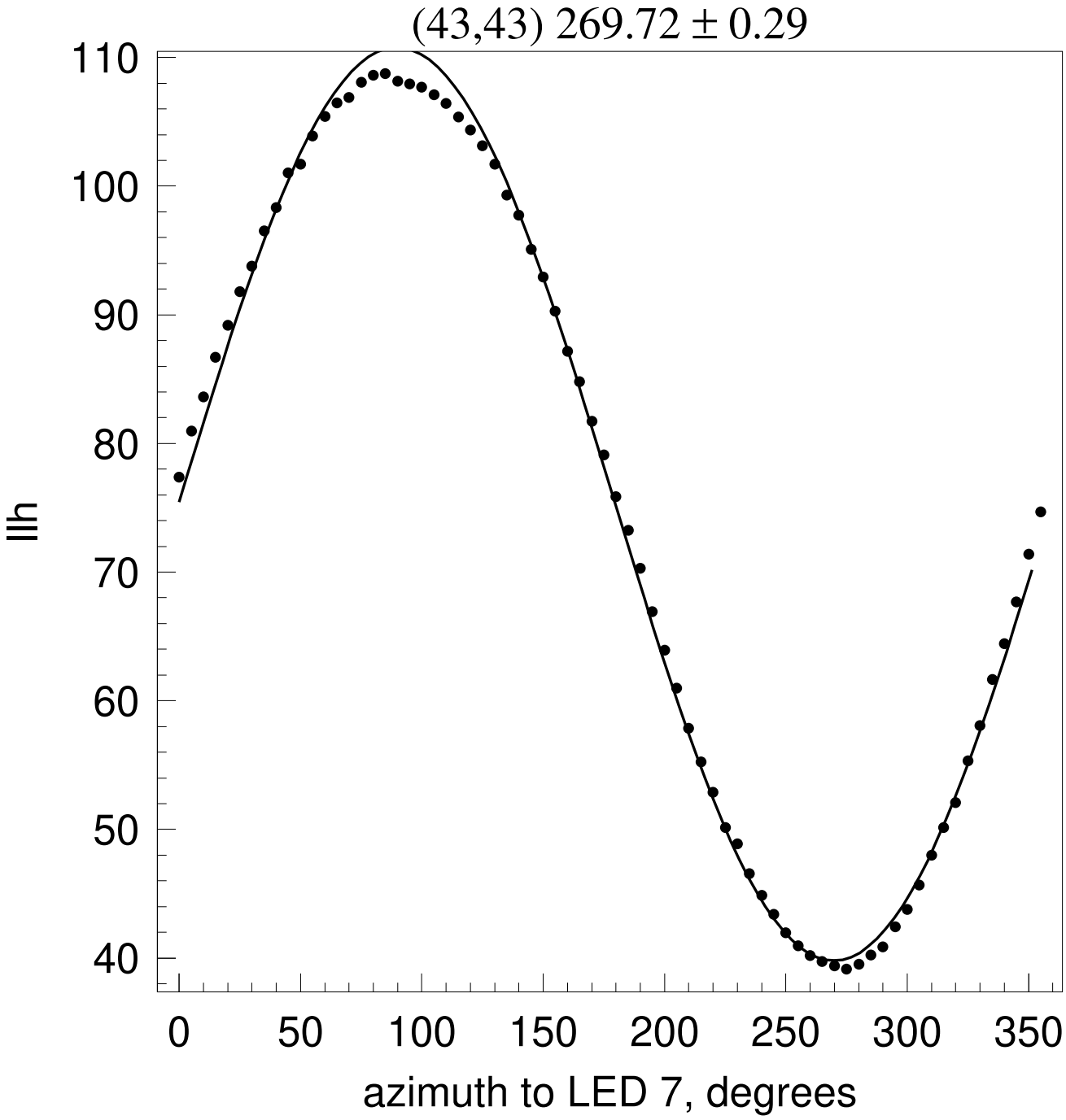

(43,38) 357.49 ± 0.37
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

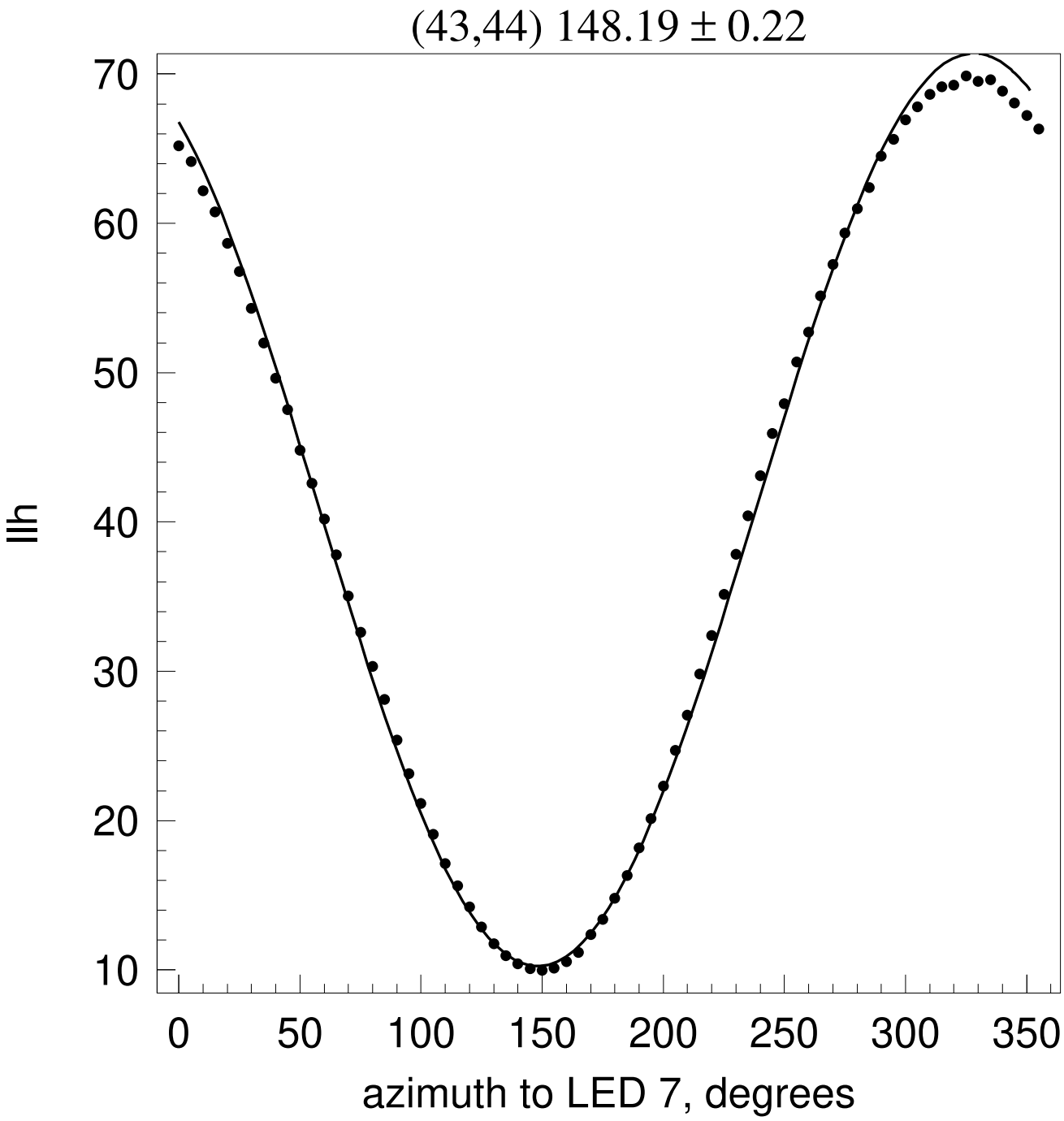

(43,39) 17.67 ± 0.35
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

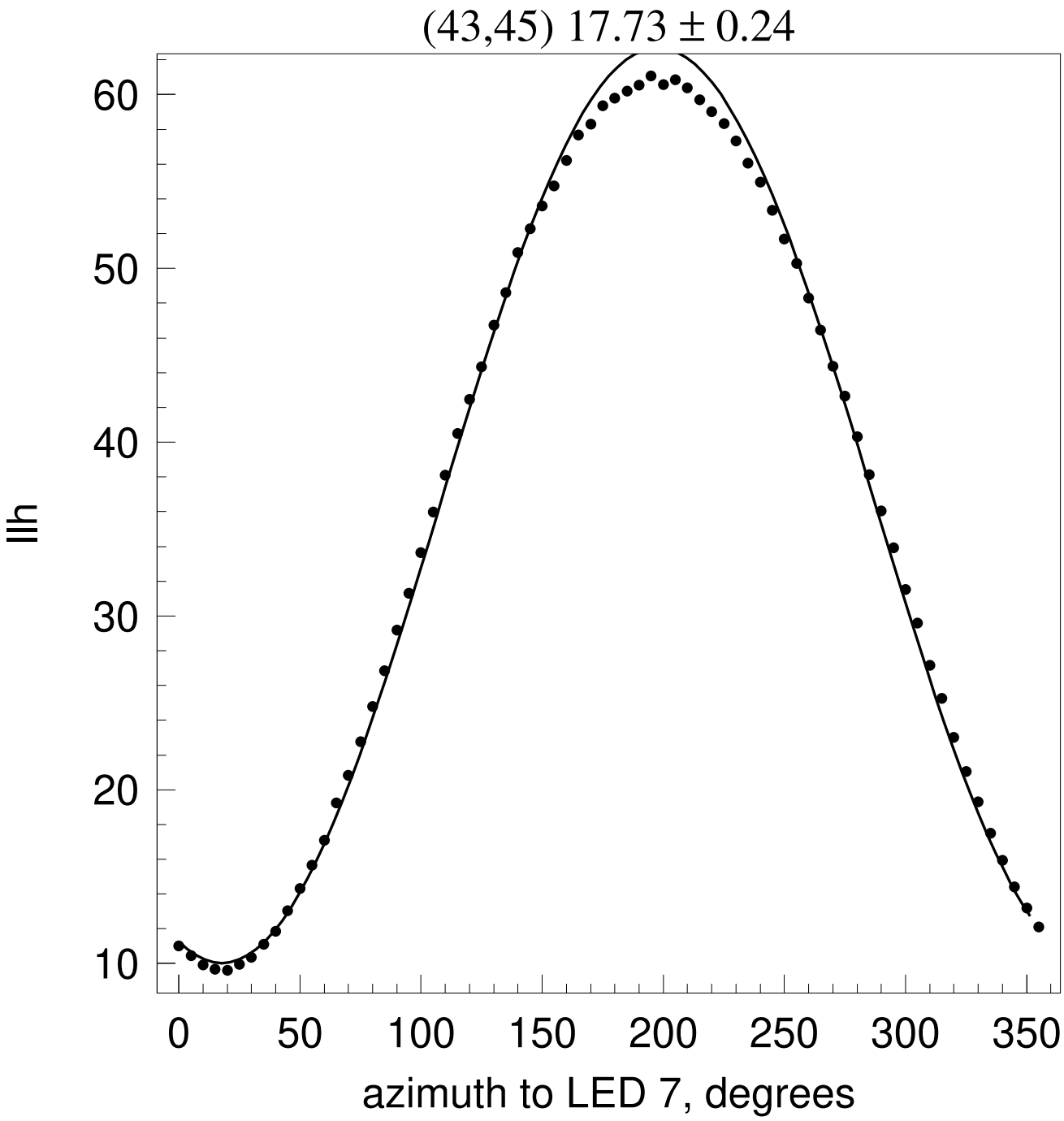

(43,40) 127.26 ± 0.36
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

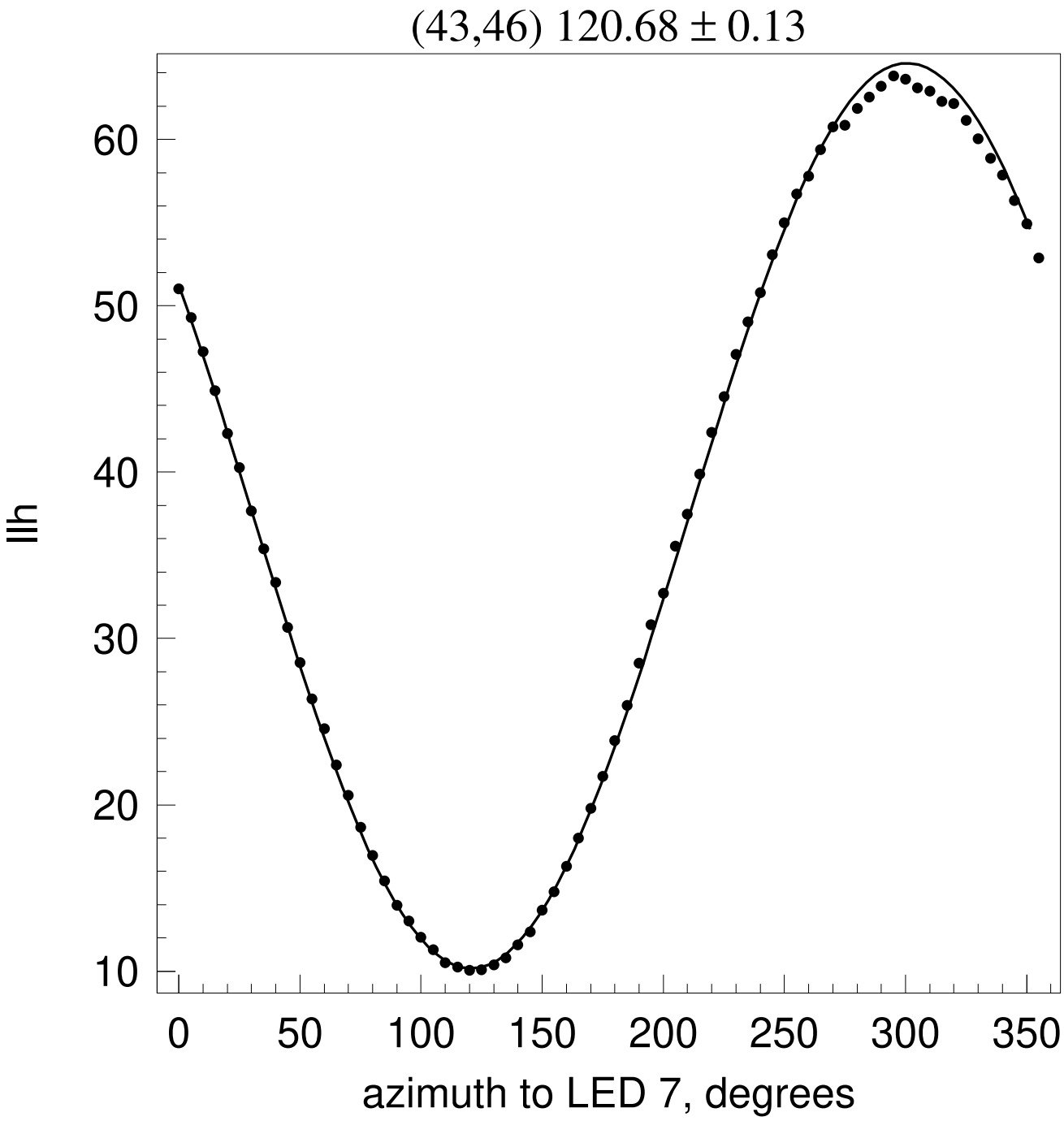

(43,41) 208.34 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

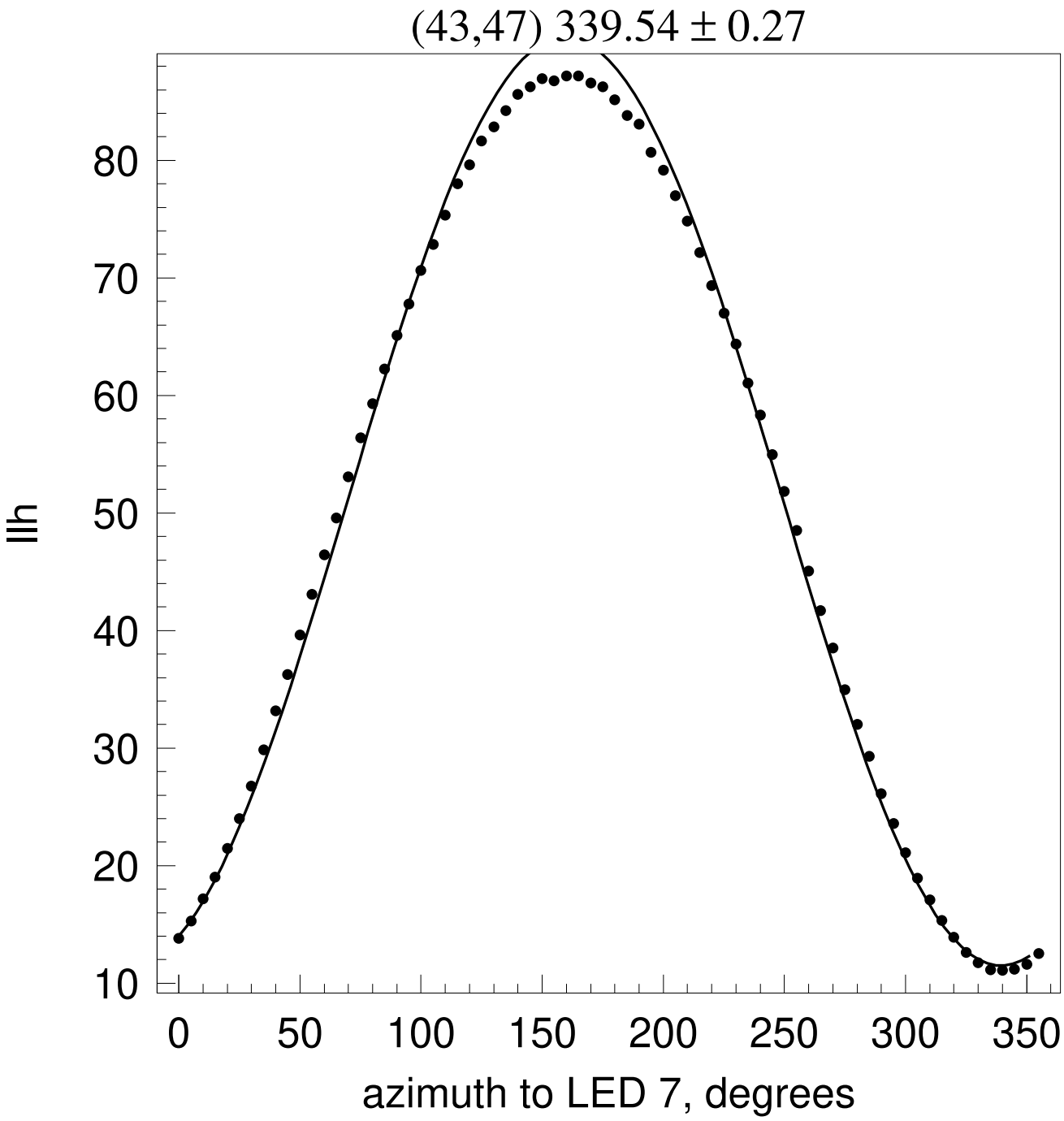

(43,42) 140.27 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

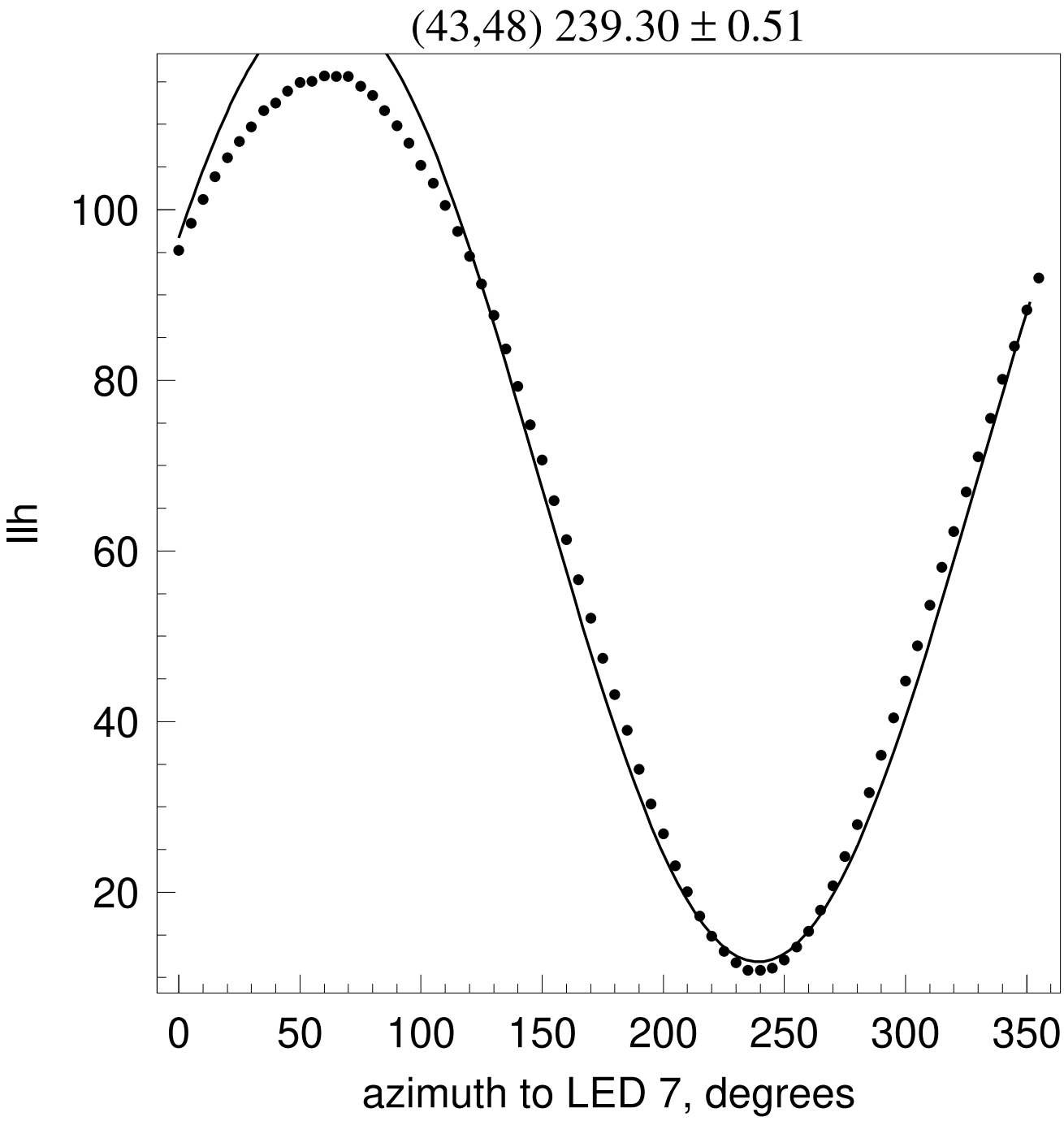

(43,43) 269.72 ± 0.29
110
100
90
80
70
60
50
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

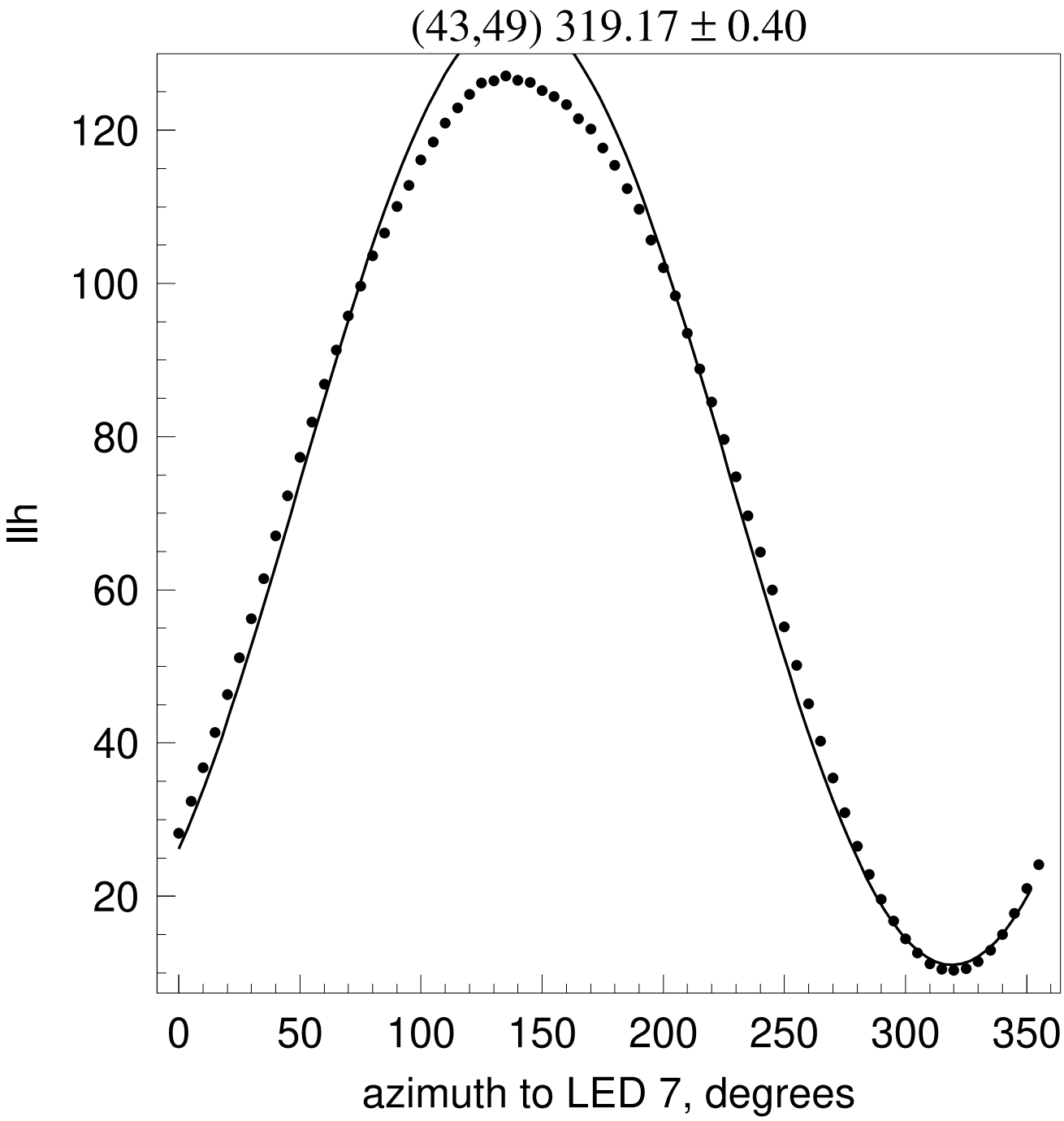

(43,44) 148.19 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

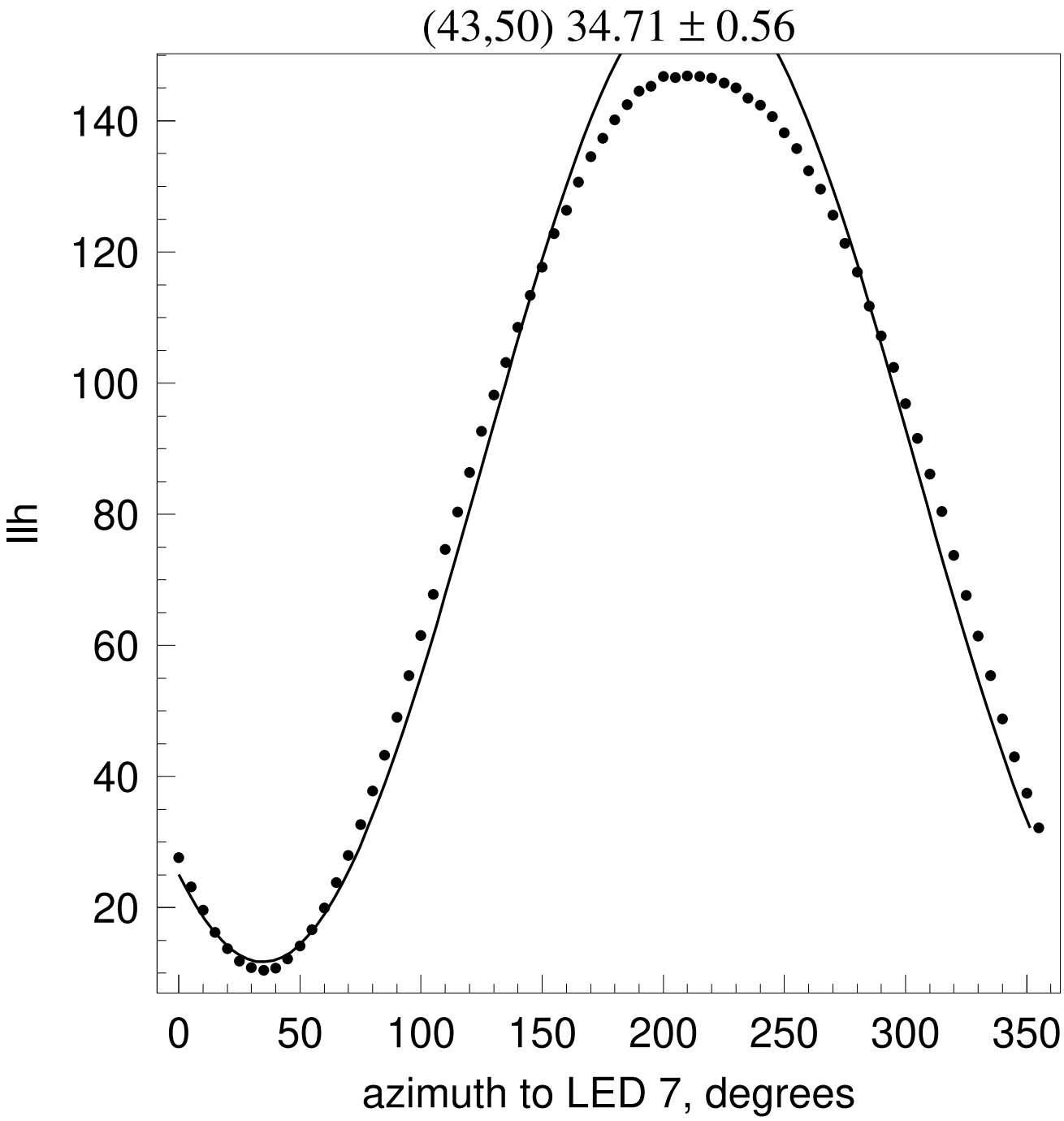

(43,45) 17.73 ± 0.24
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

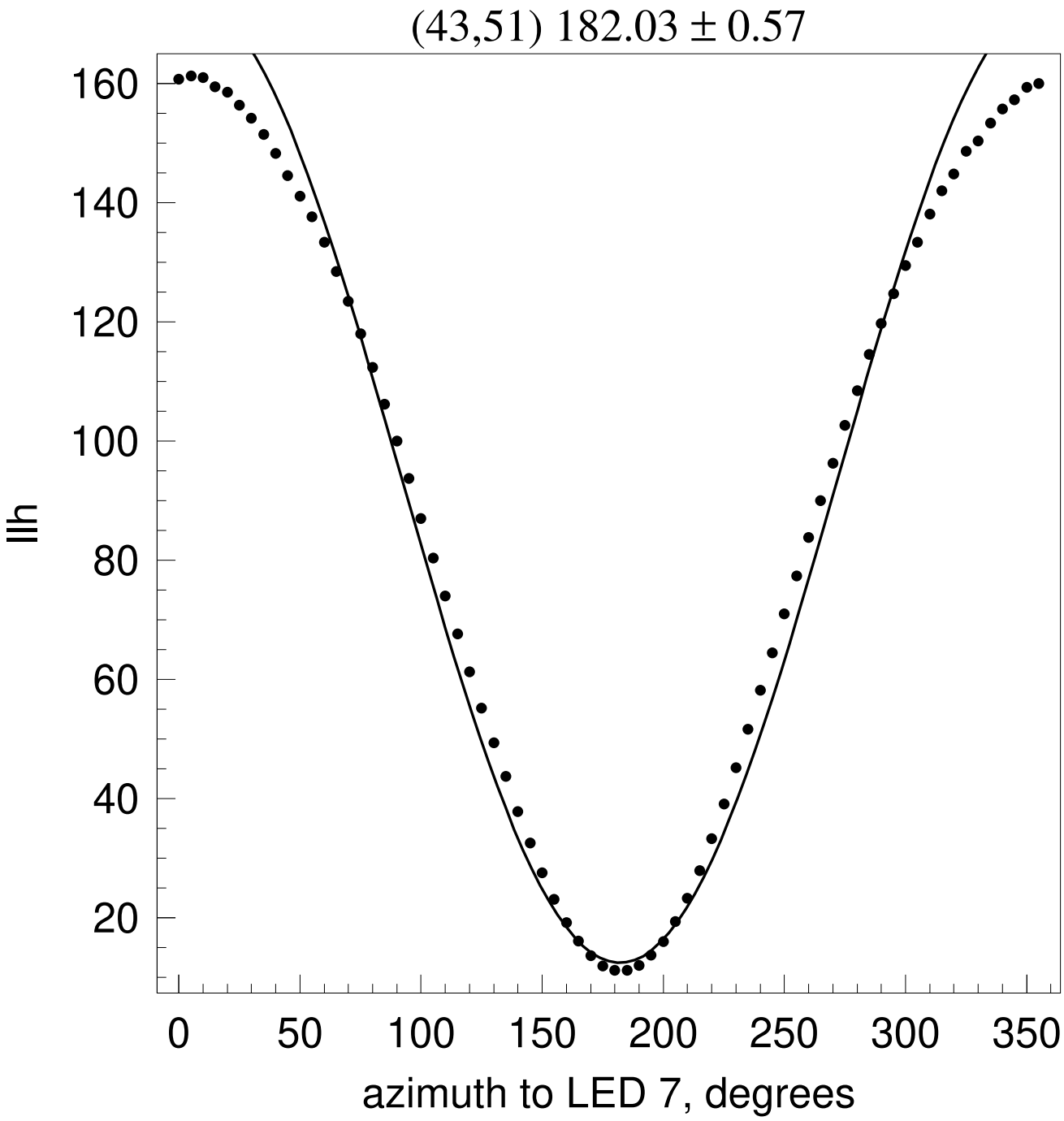

(43,46) 120.68 ± 0.13
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

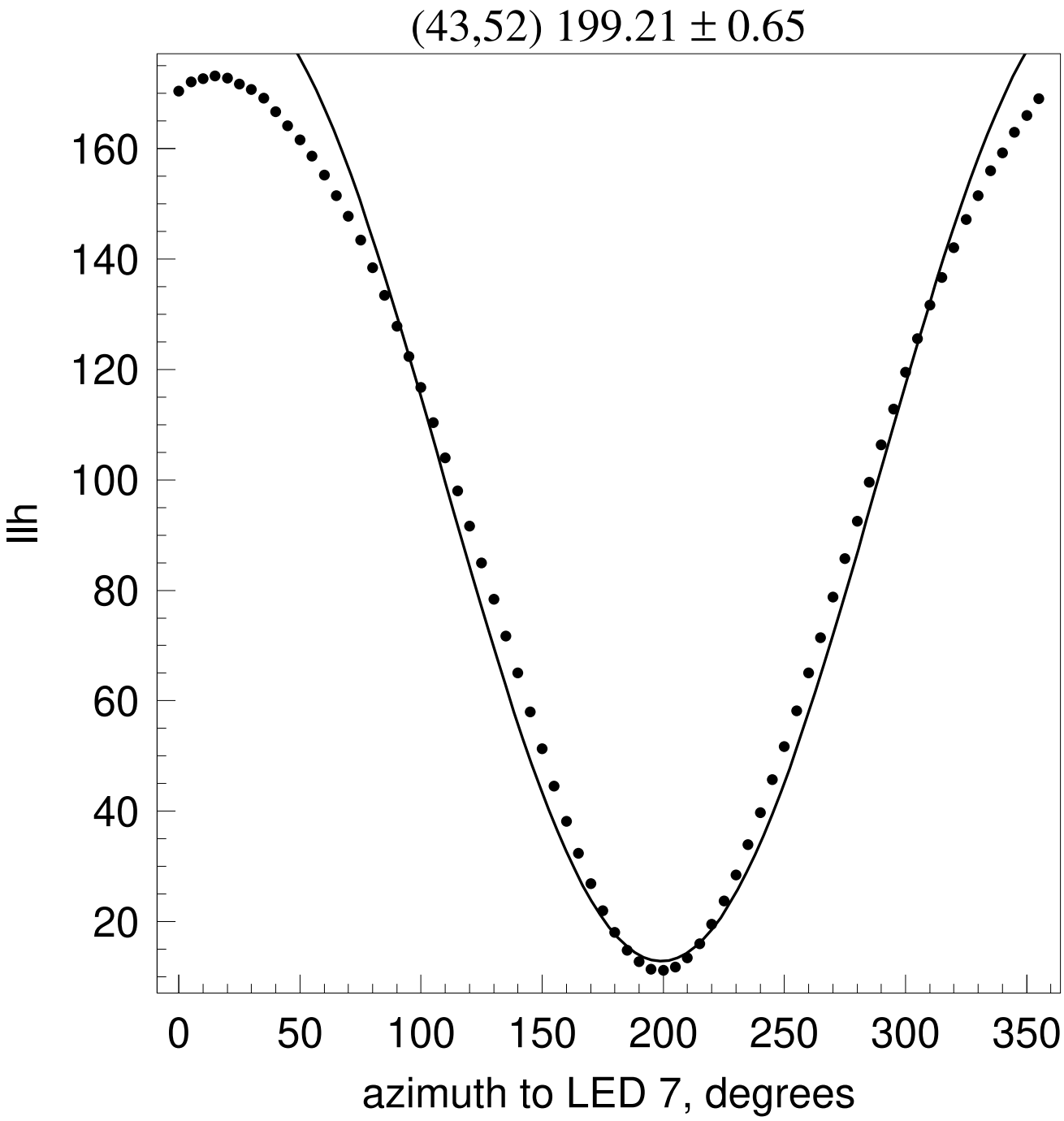

(43,47) 339.54 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

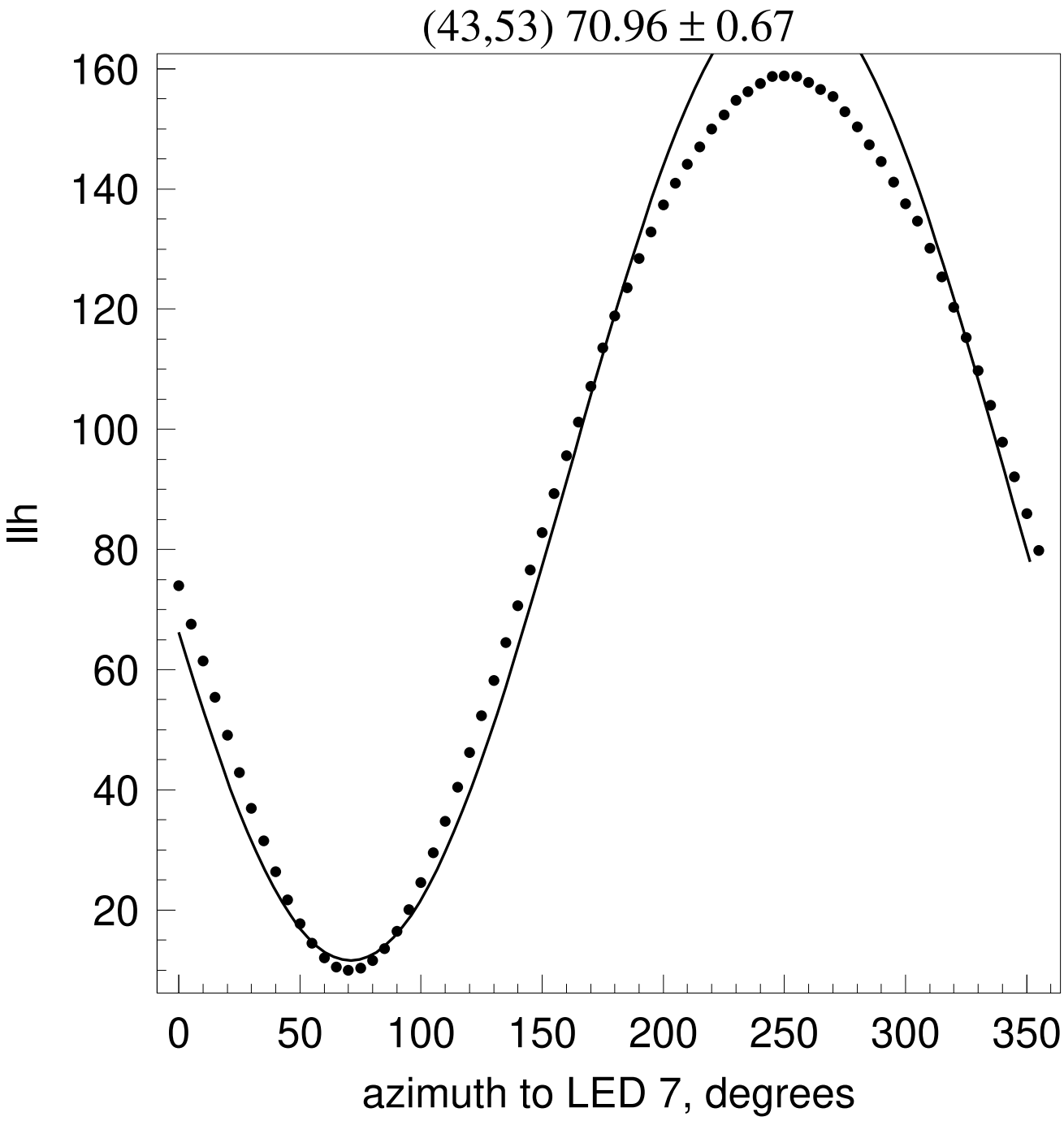

(43,48) 239.30 ± 0.51
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

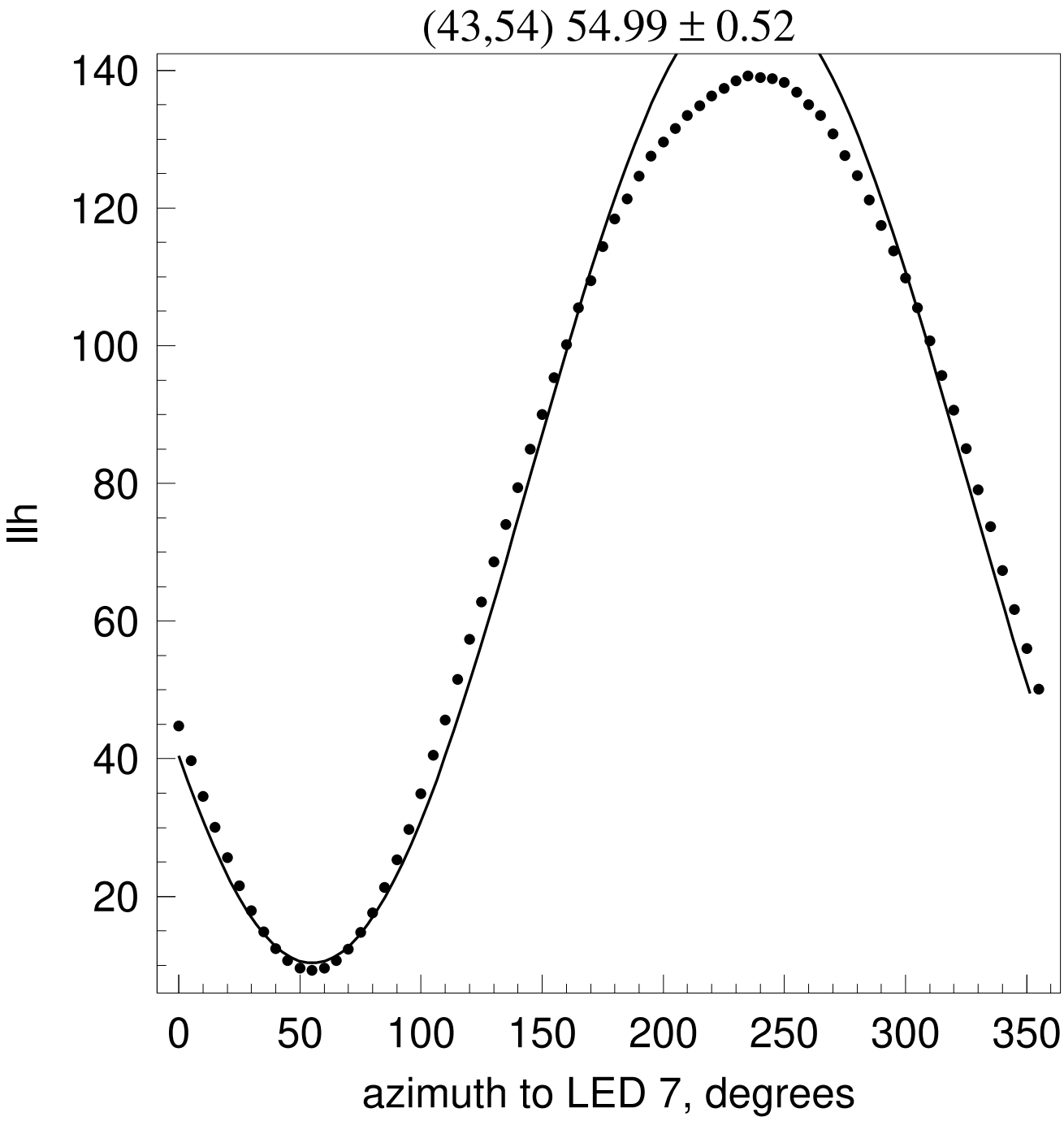

(43,49) 319.17 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

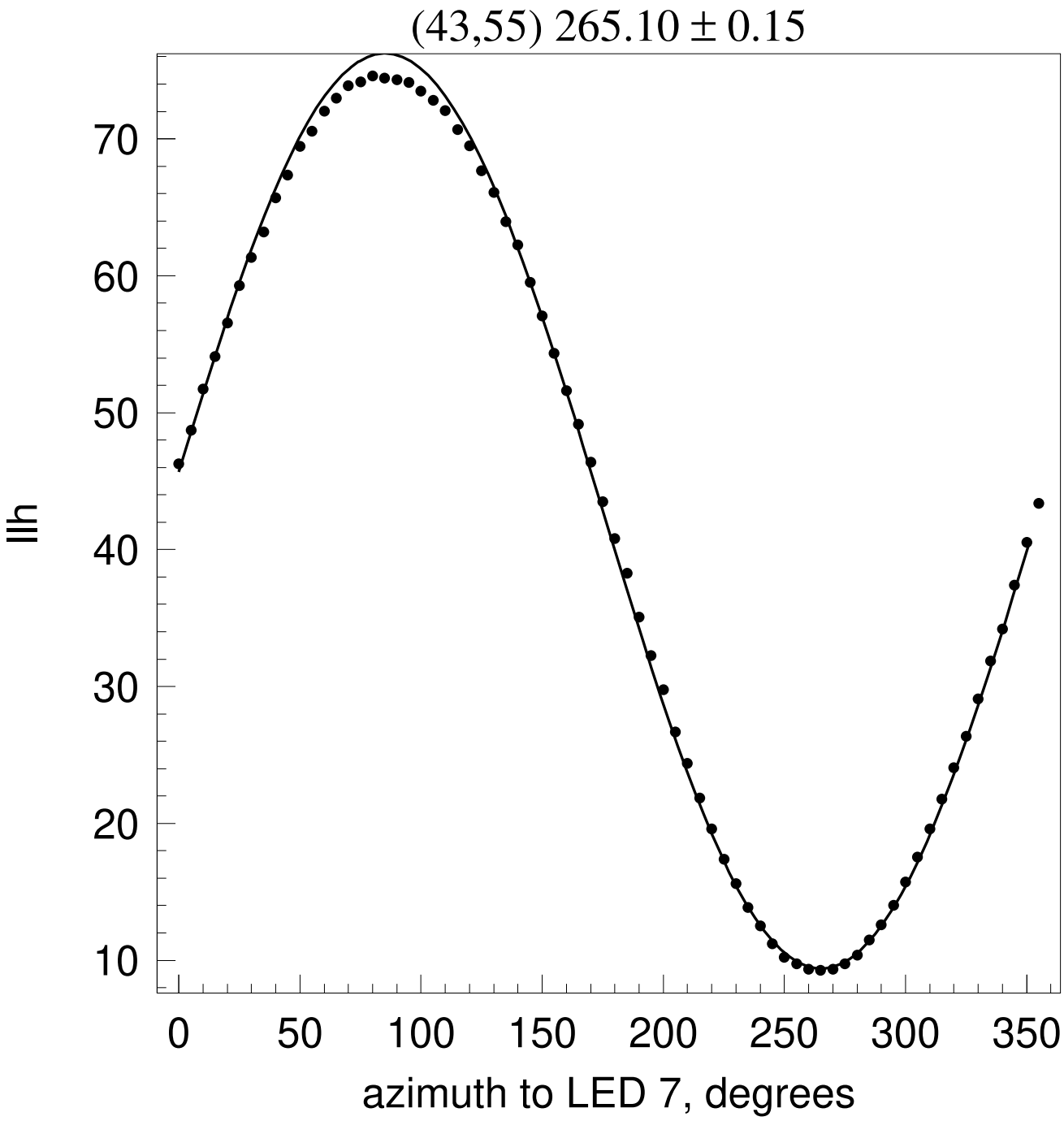

(43,50) 34.71 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

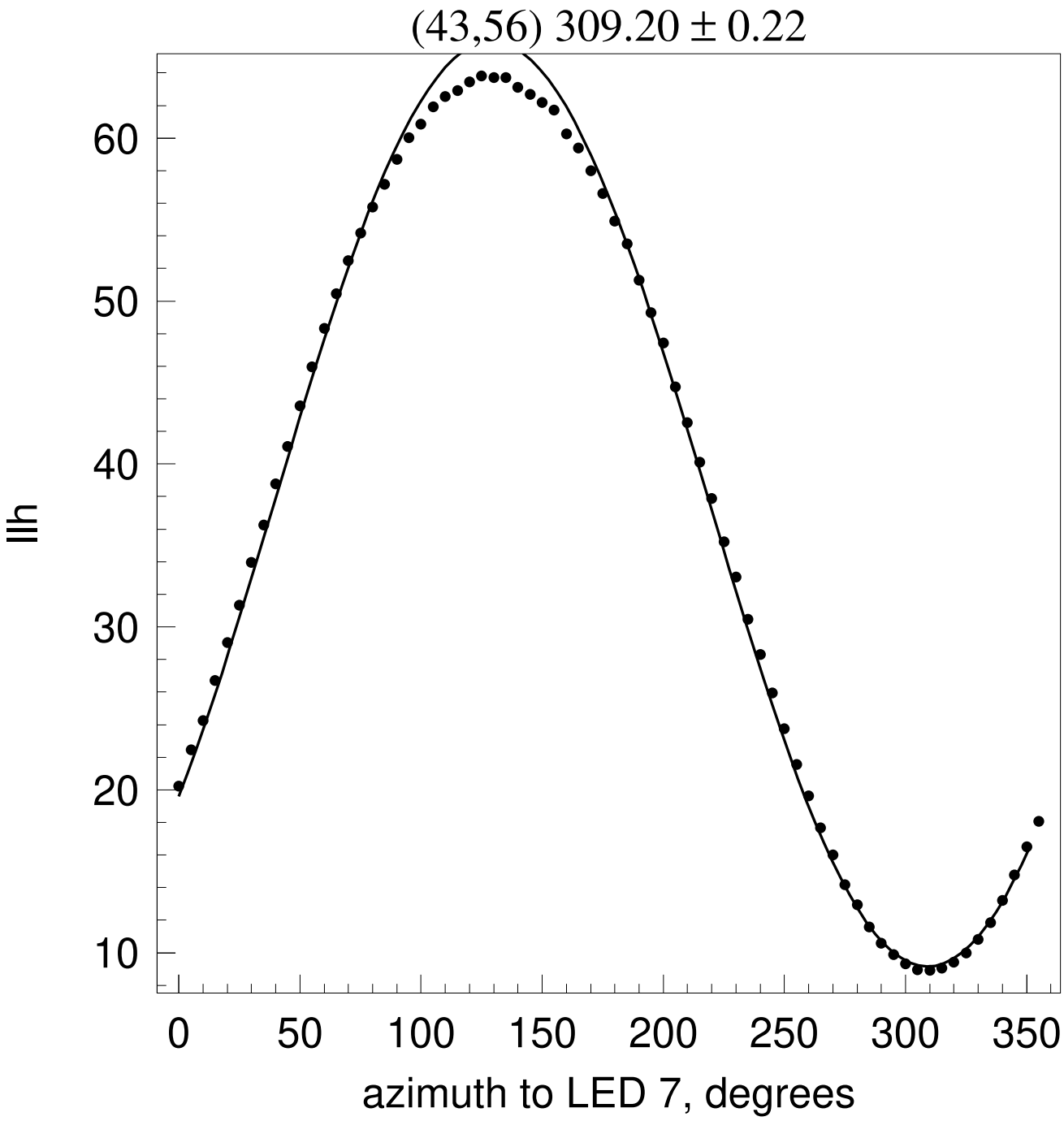

(43,51) 182.03 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

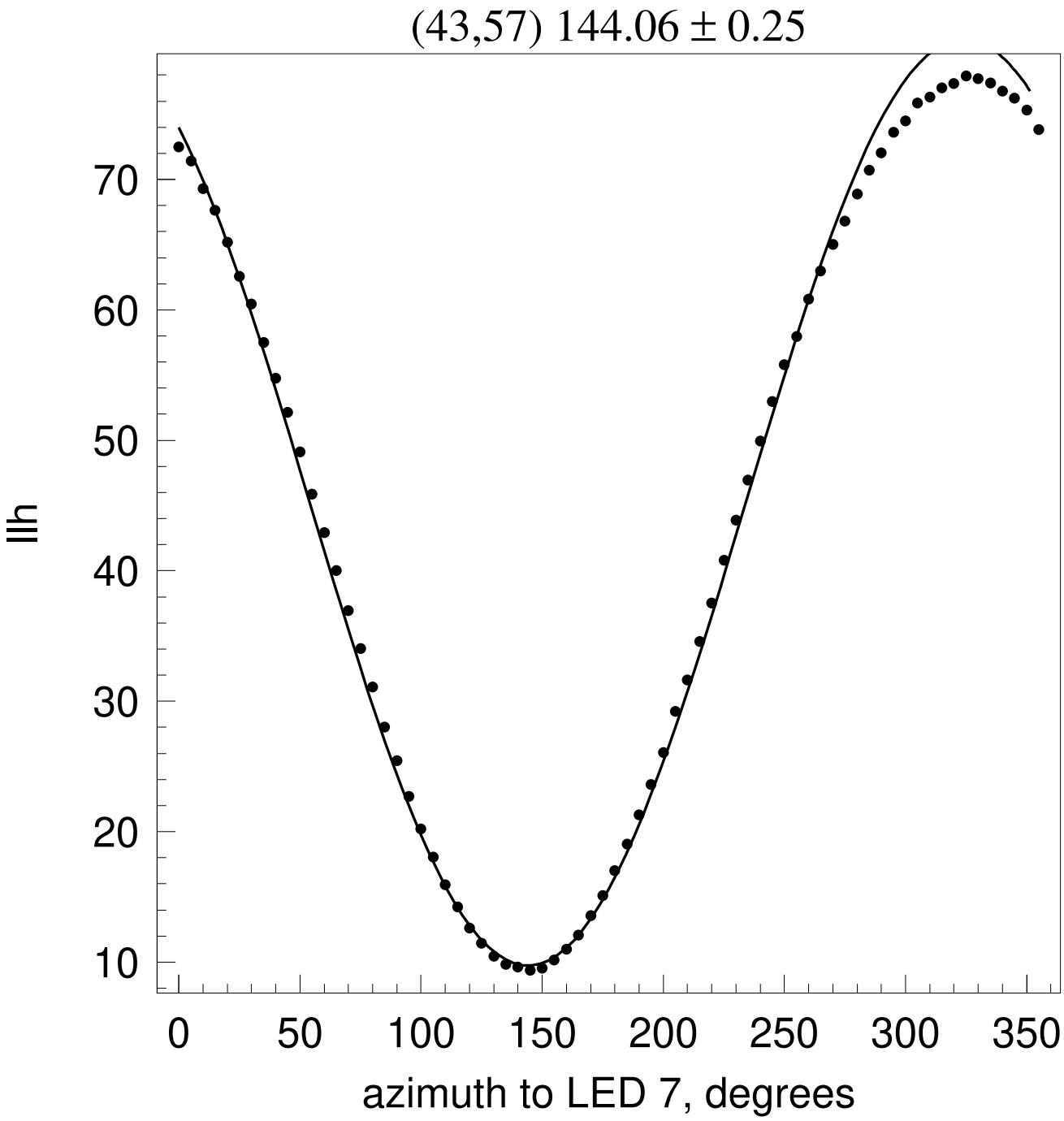

(43,52) 199.21 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

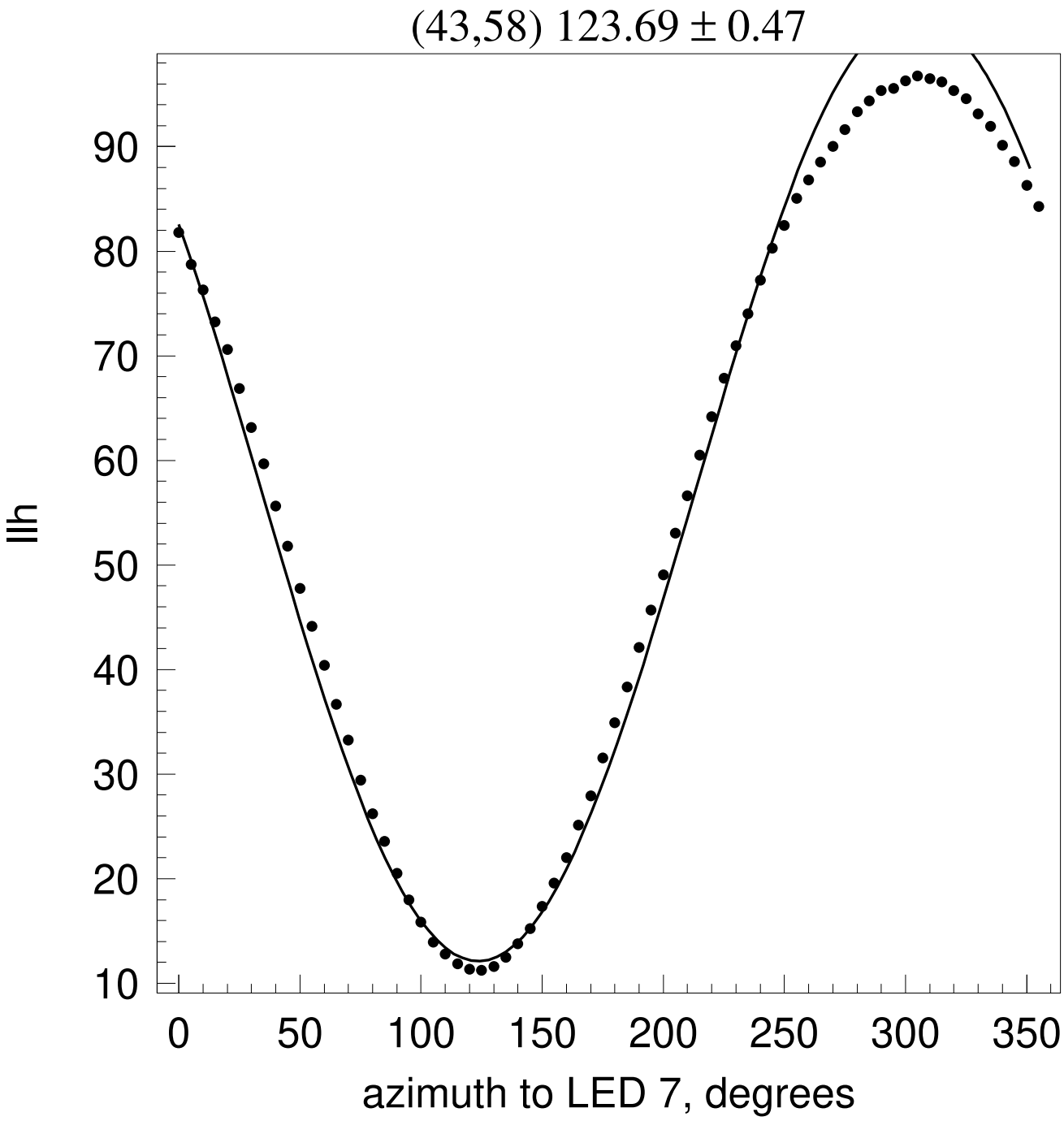

(43,53) 70.96 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

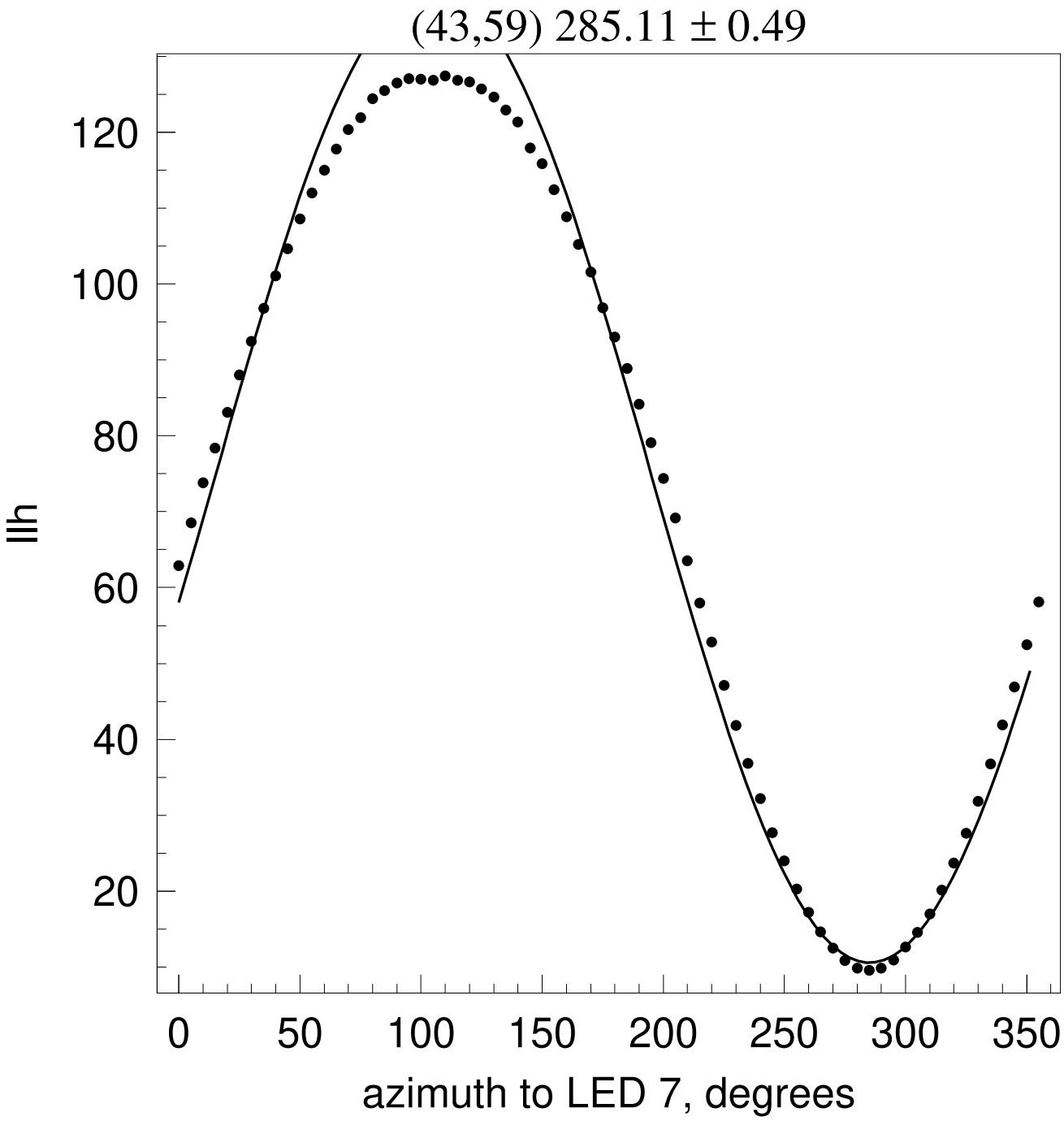

(43,54) 54.99 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

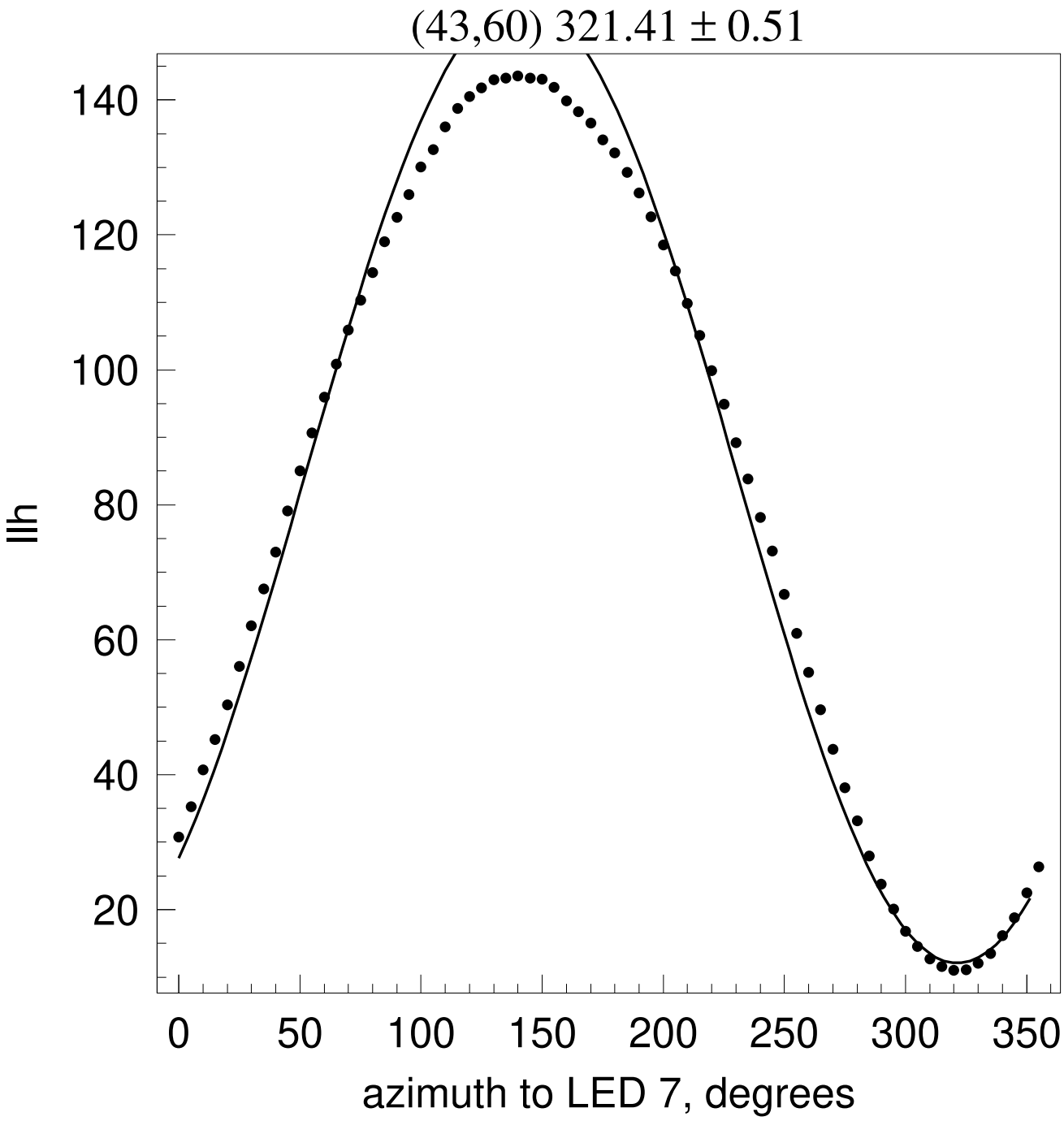

(43,55) 265.10 ± 0.15
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

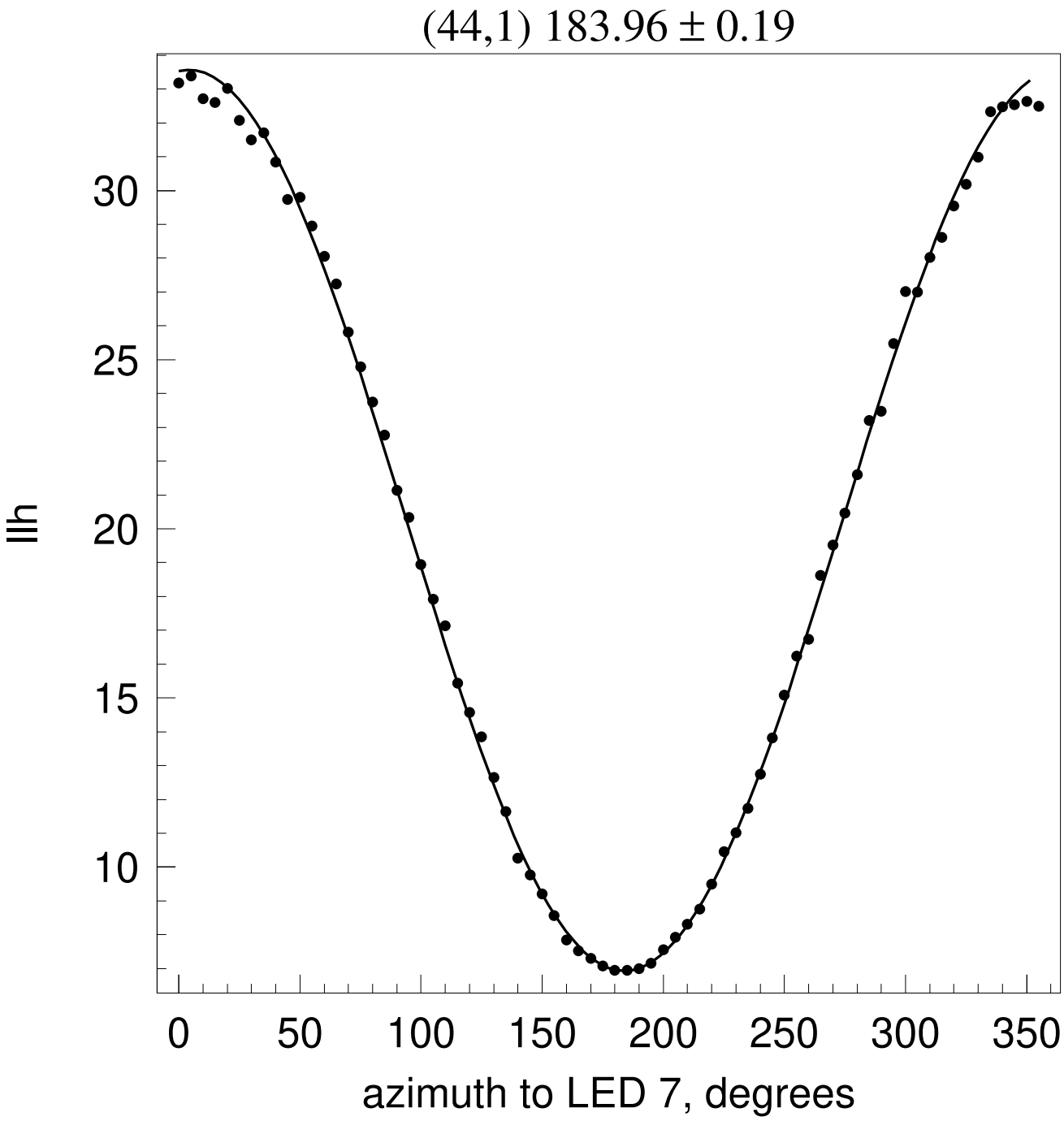

(43,56) 309.20 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

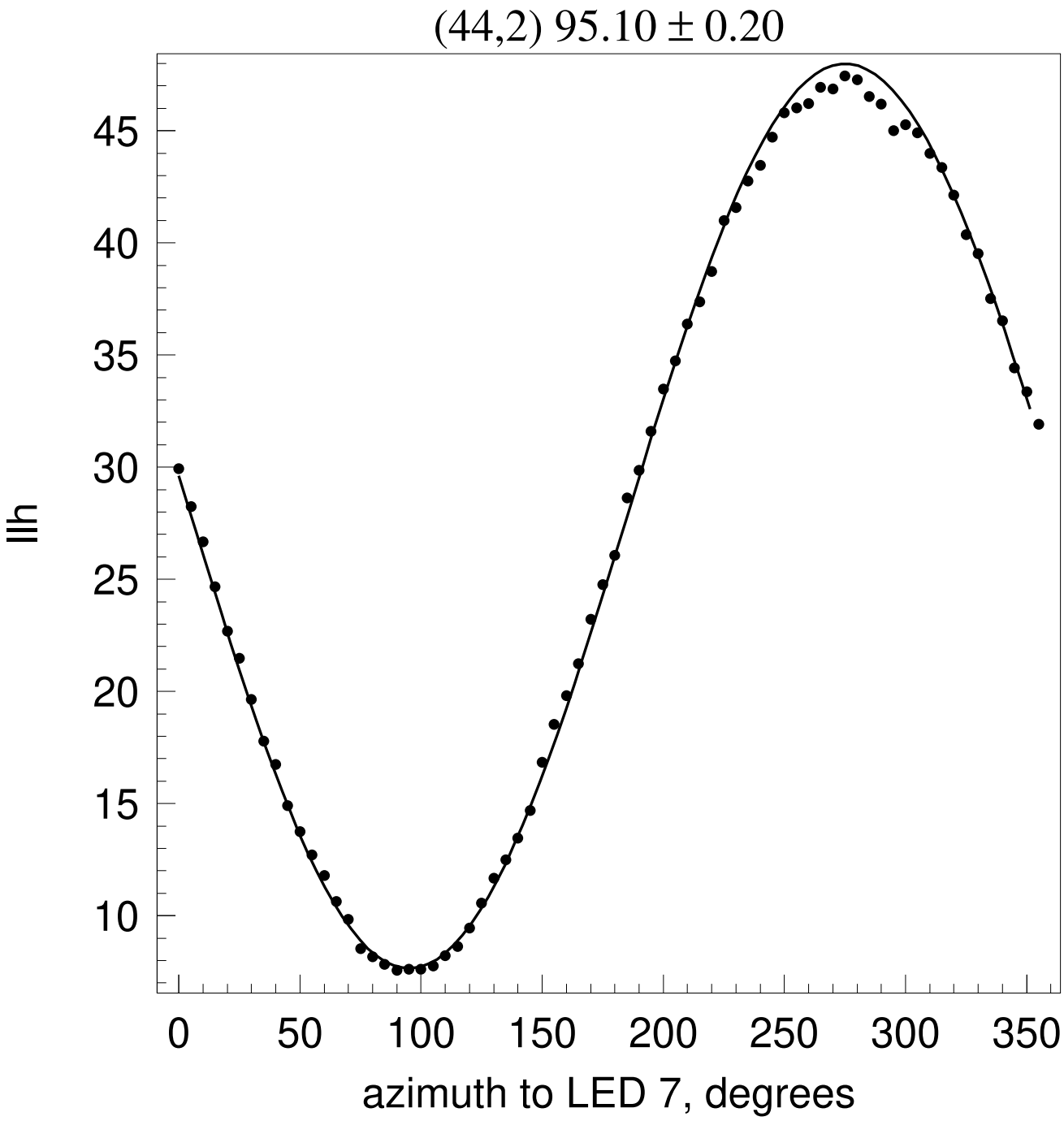

(43,57) 144.06 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

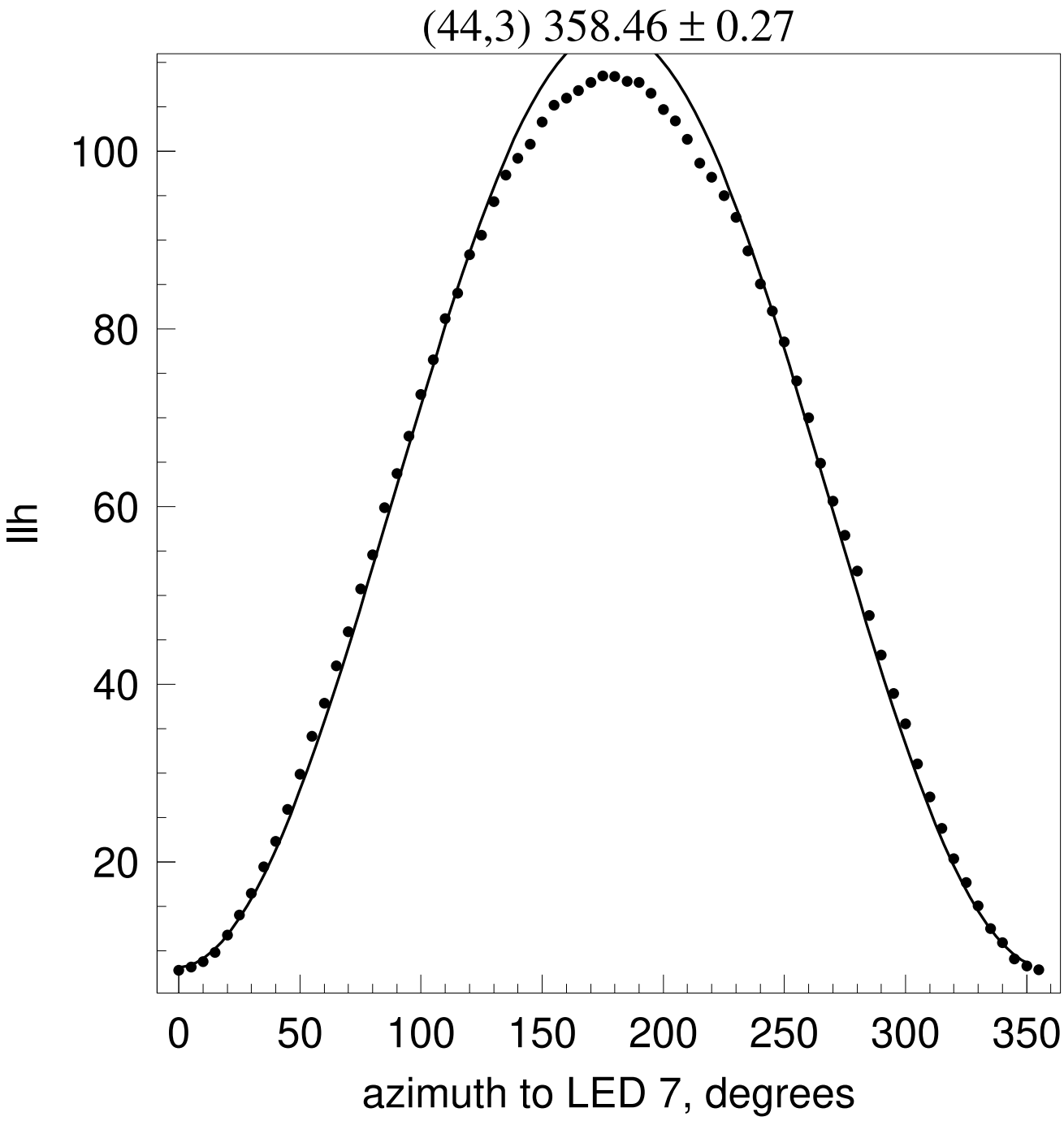

(43,58) 123.69 ± 0.47
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

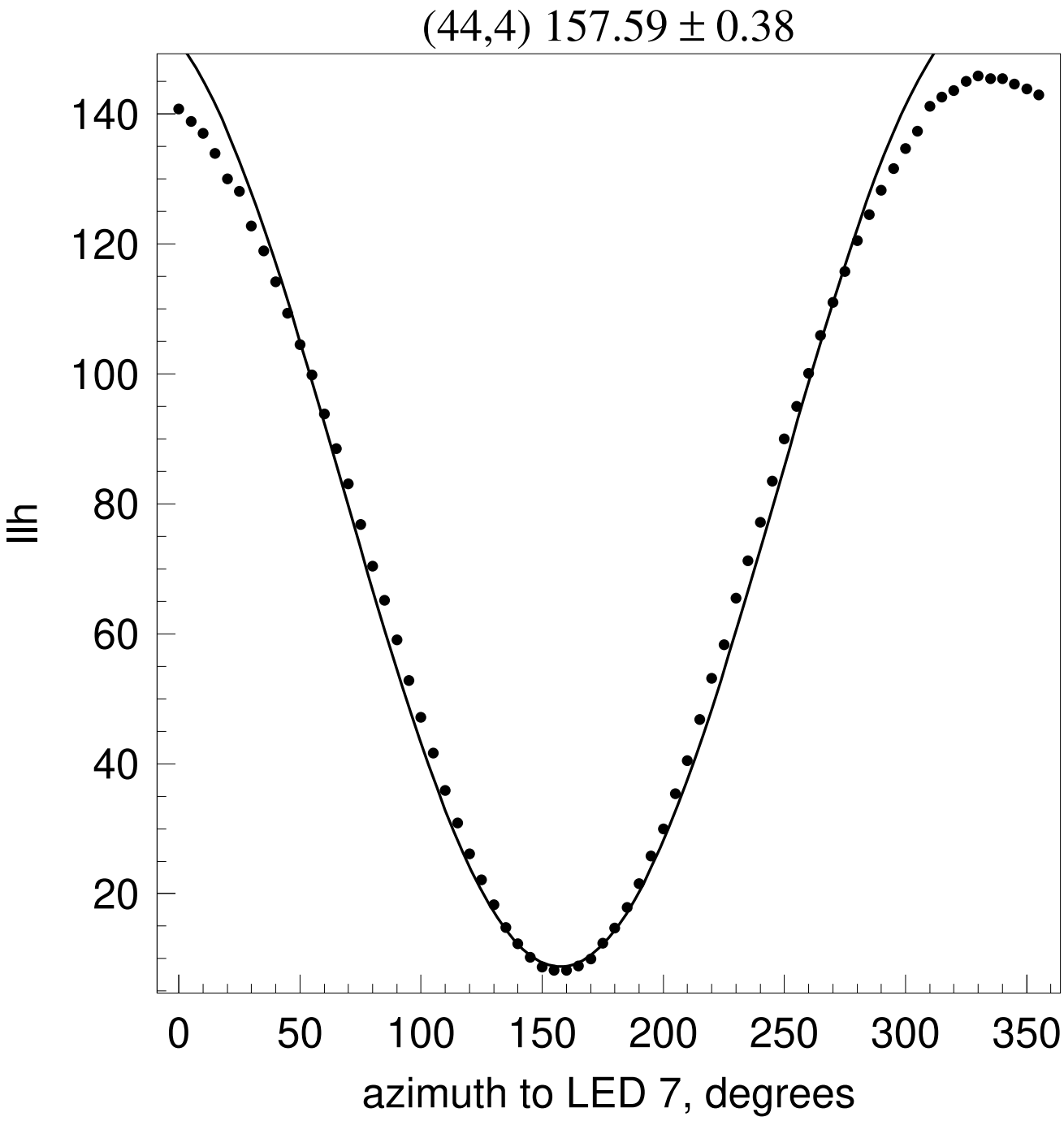

(43,59) 285.11 ± 0.49
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

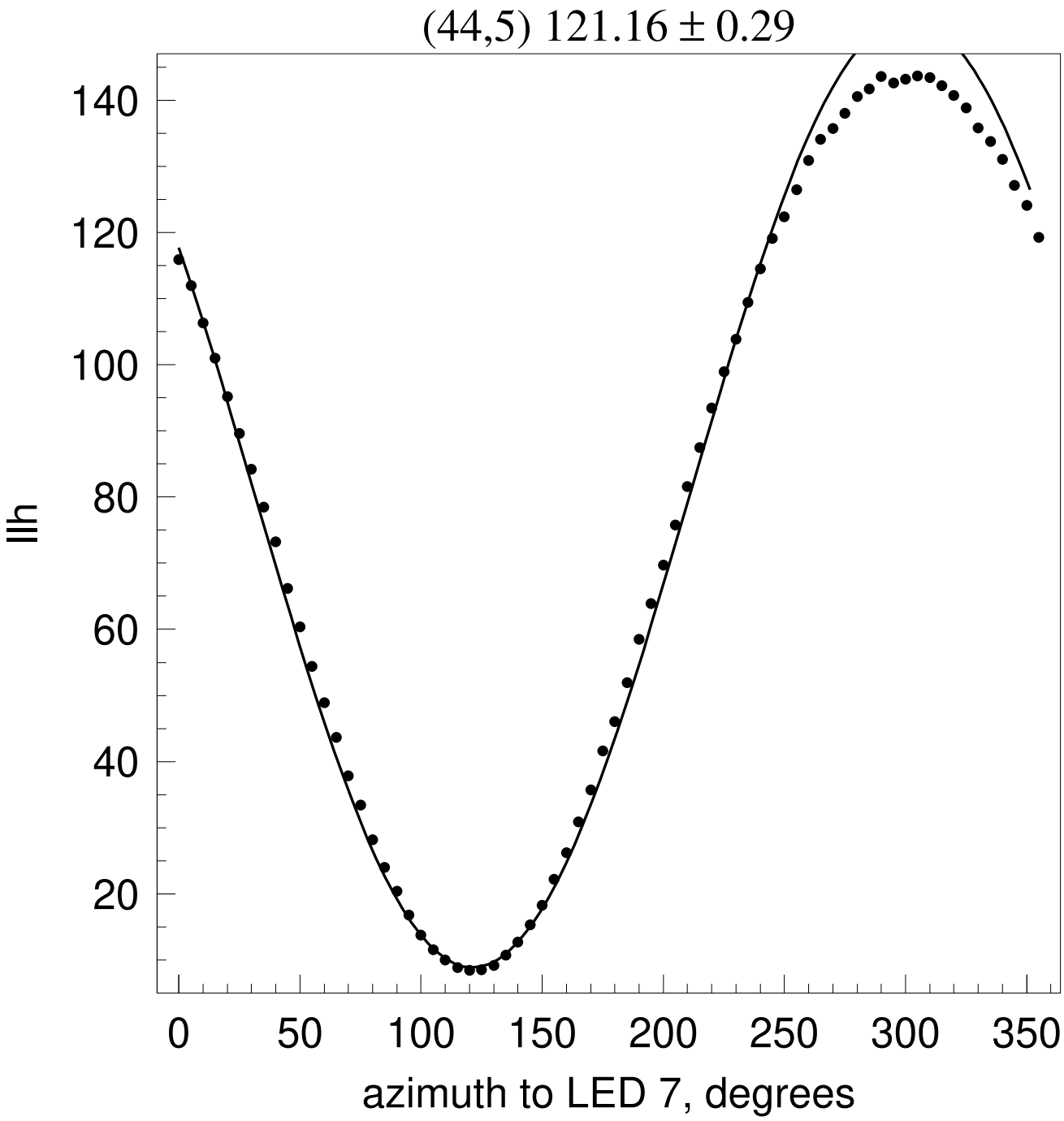

(43,60) 321.41 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

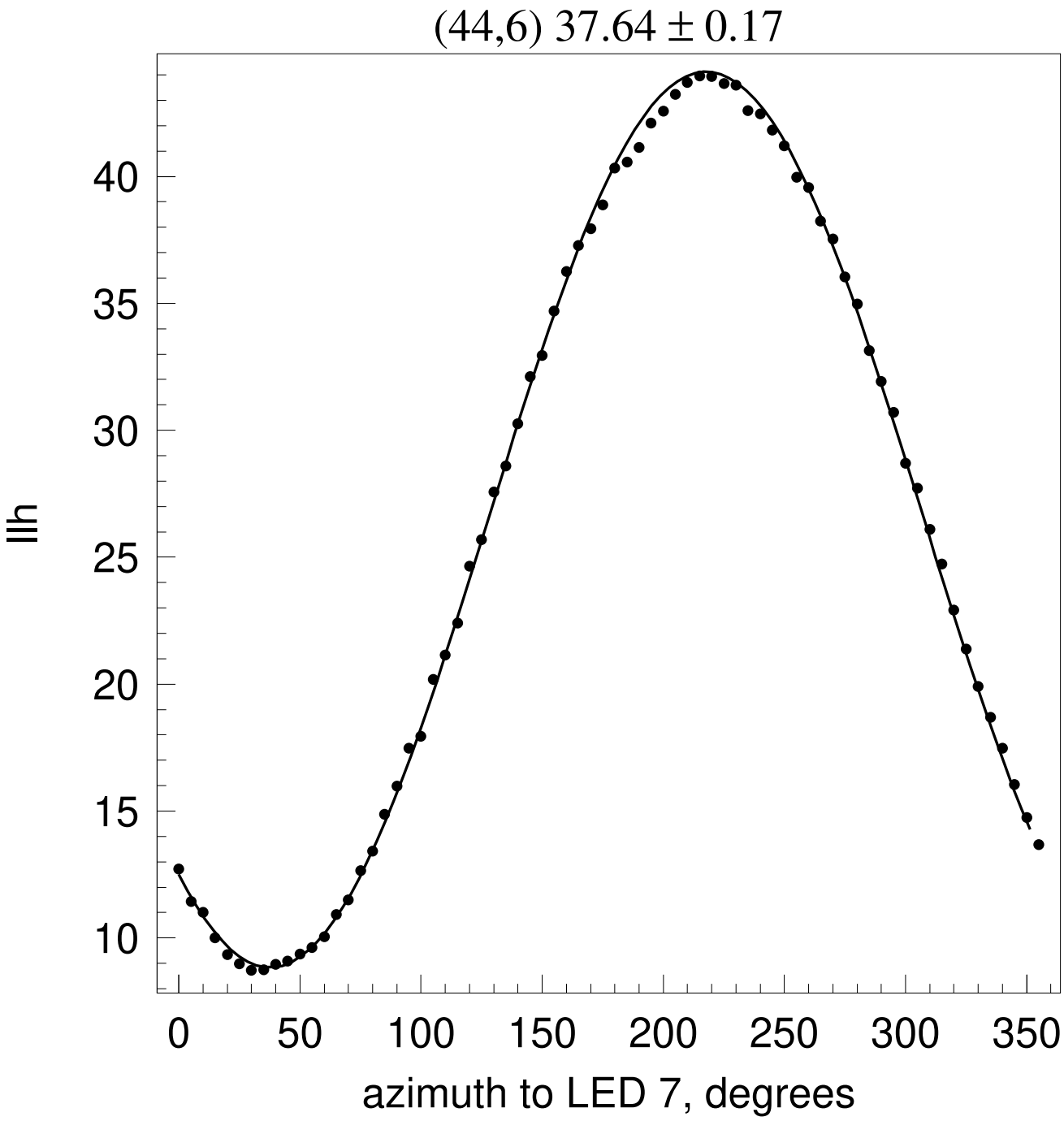

(44,1) 183.96 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

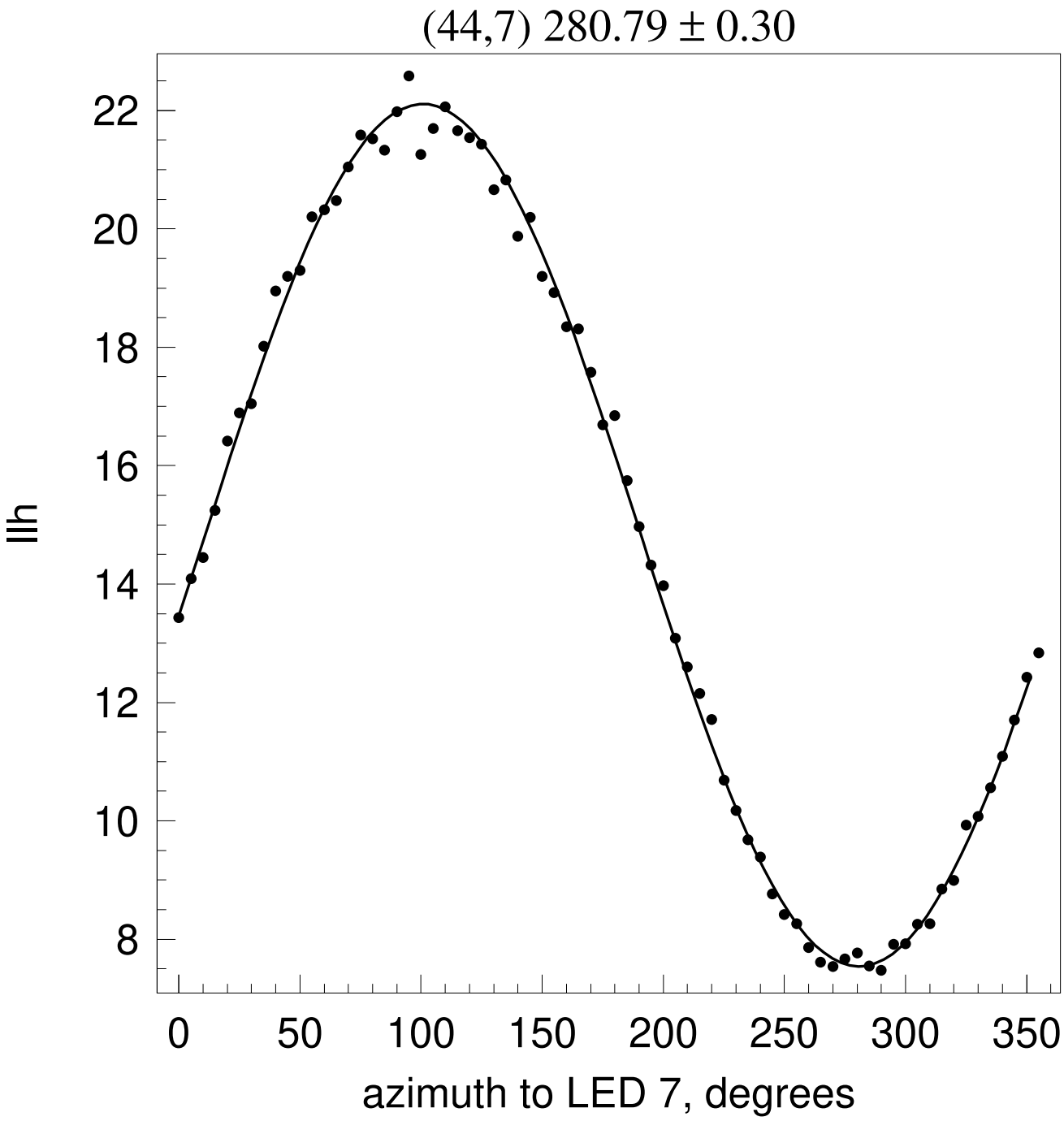

(44,2) 95.10 ± 0.20
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

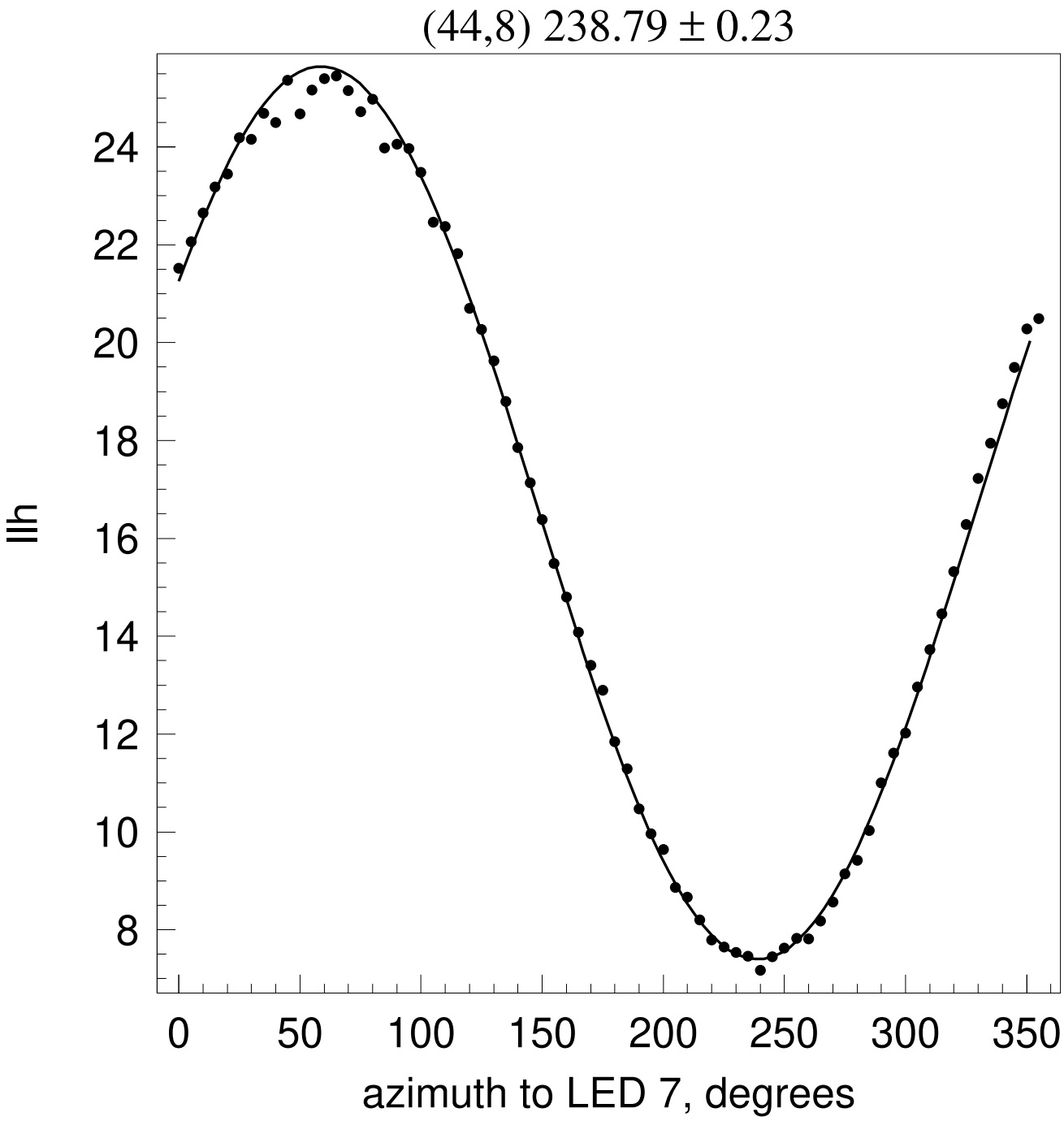

(44,3) 358.46 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

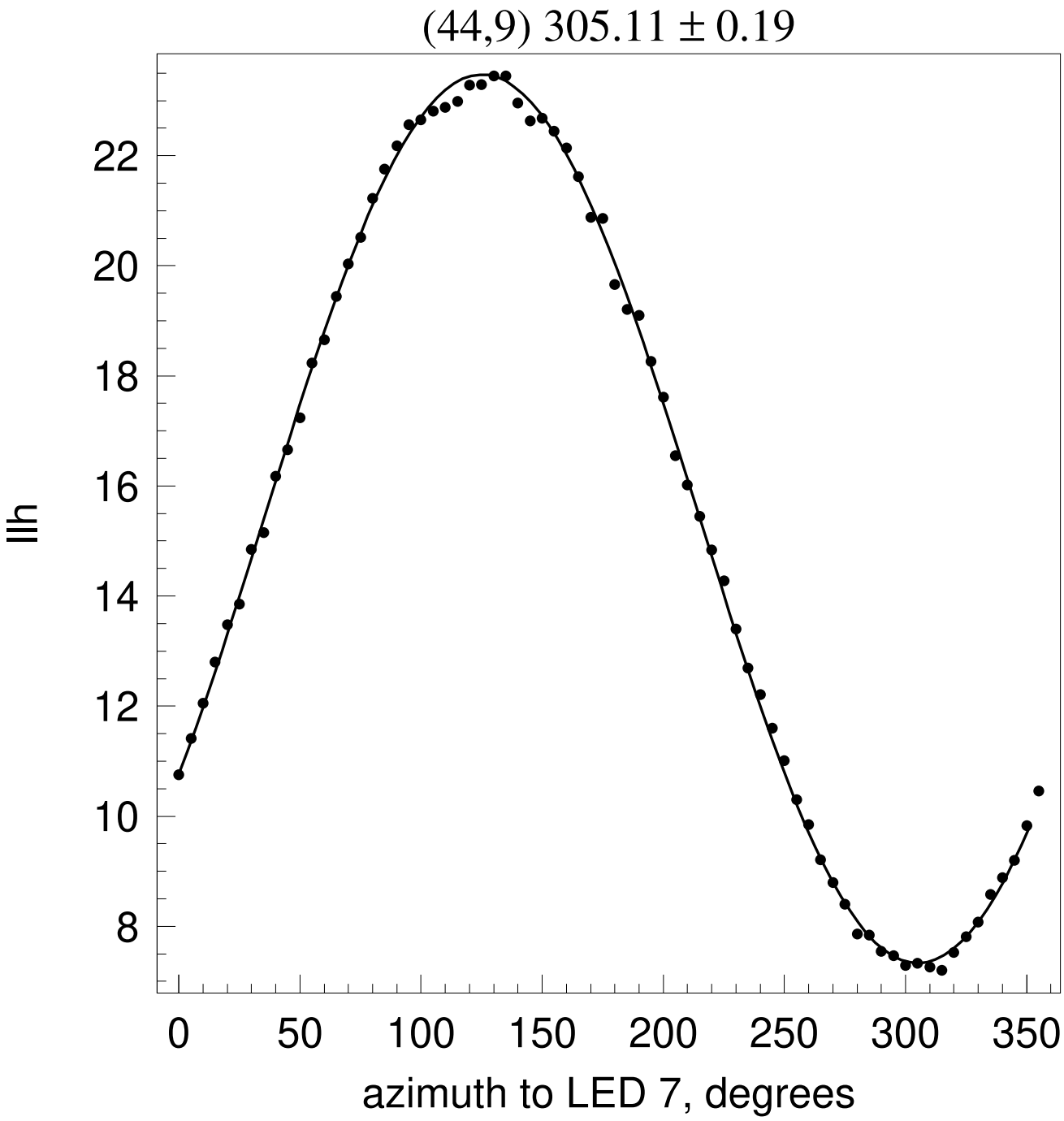

(44,4) 157.59 ± 0.38
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

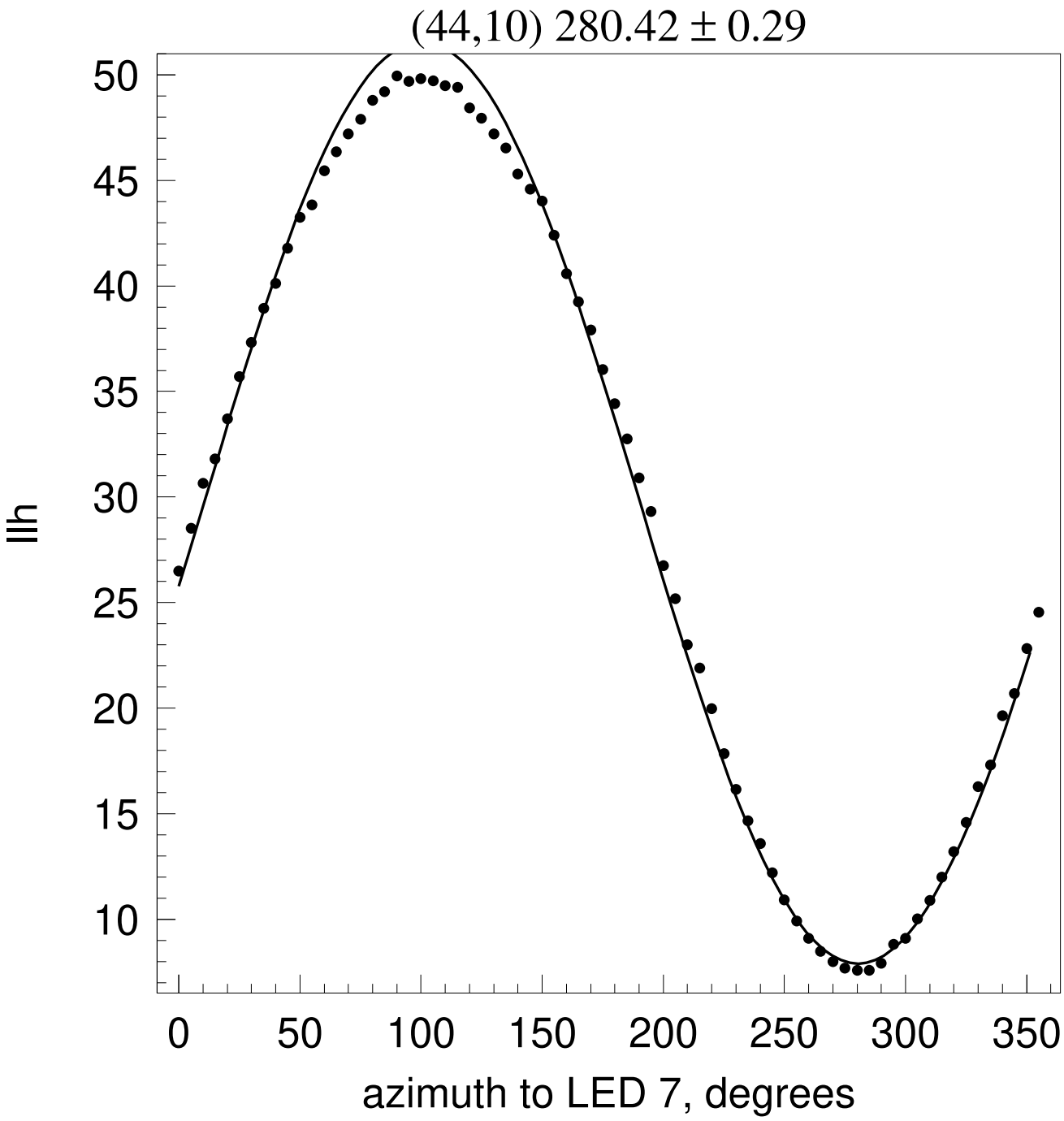

(44,5) 121.16 ± 0.29
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

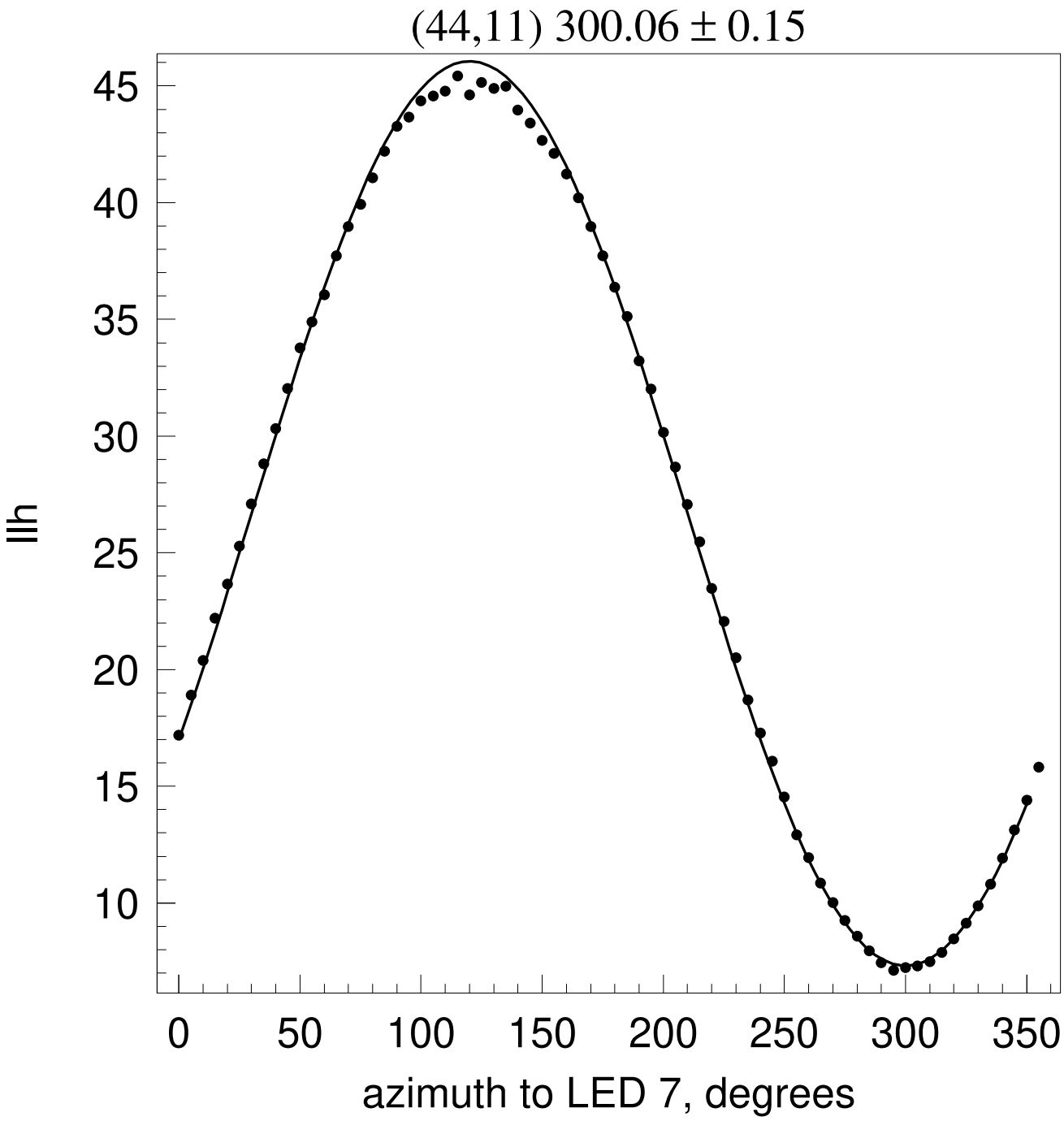

(44,6) 37.64 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

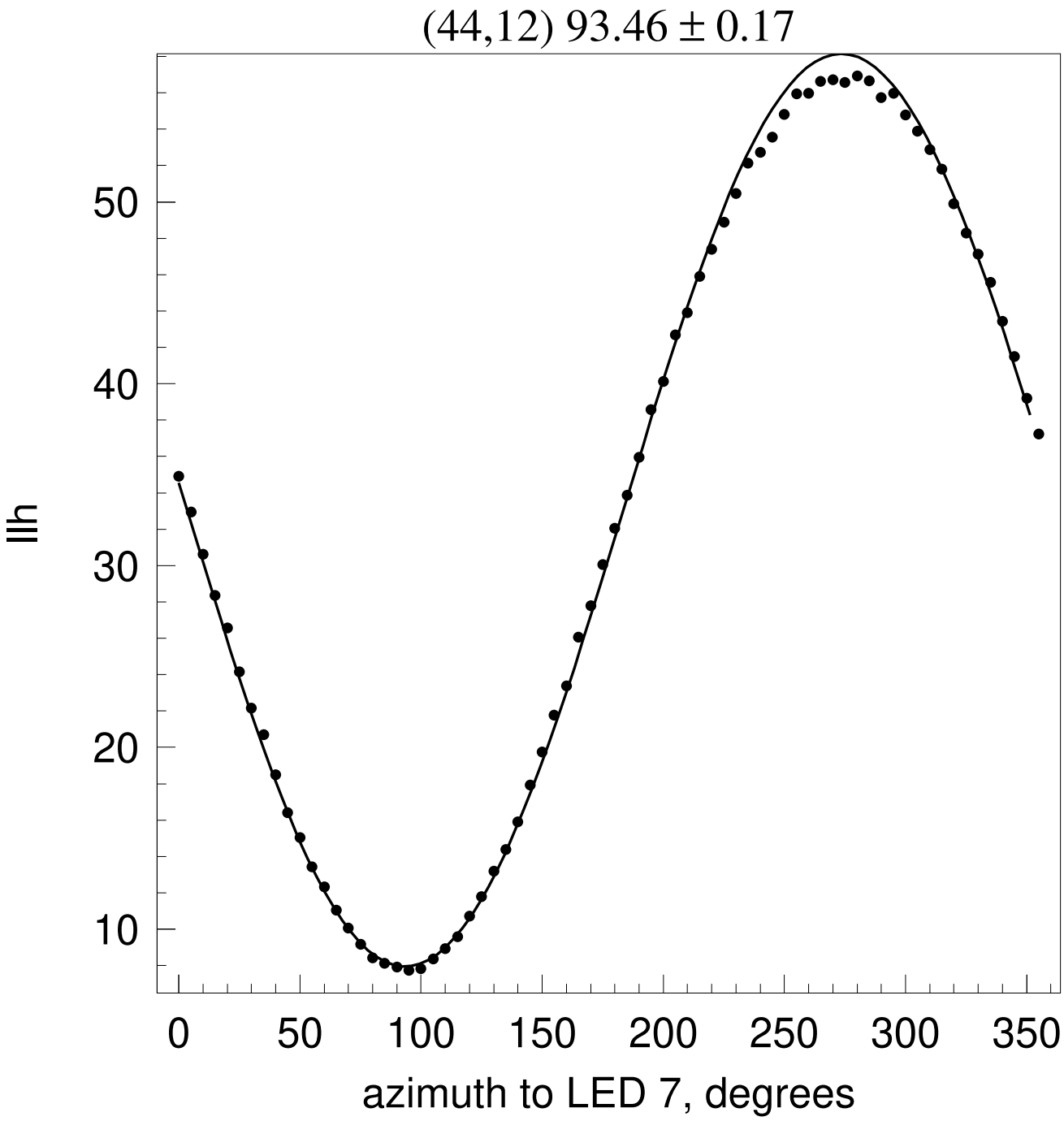

(44,7) 280.79 ± 0.30
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

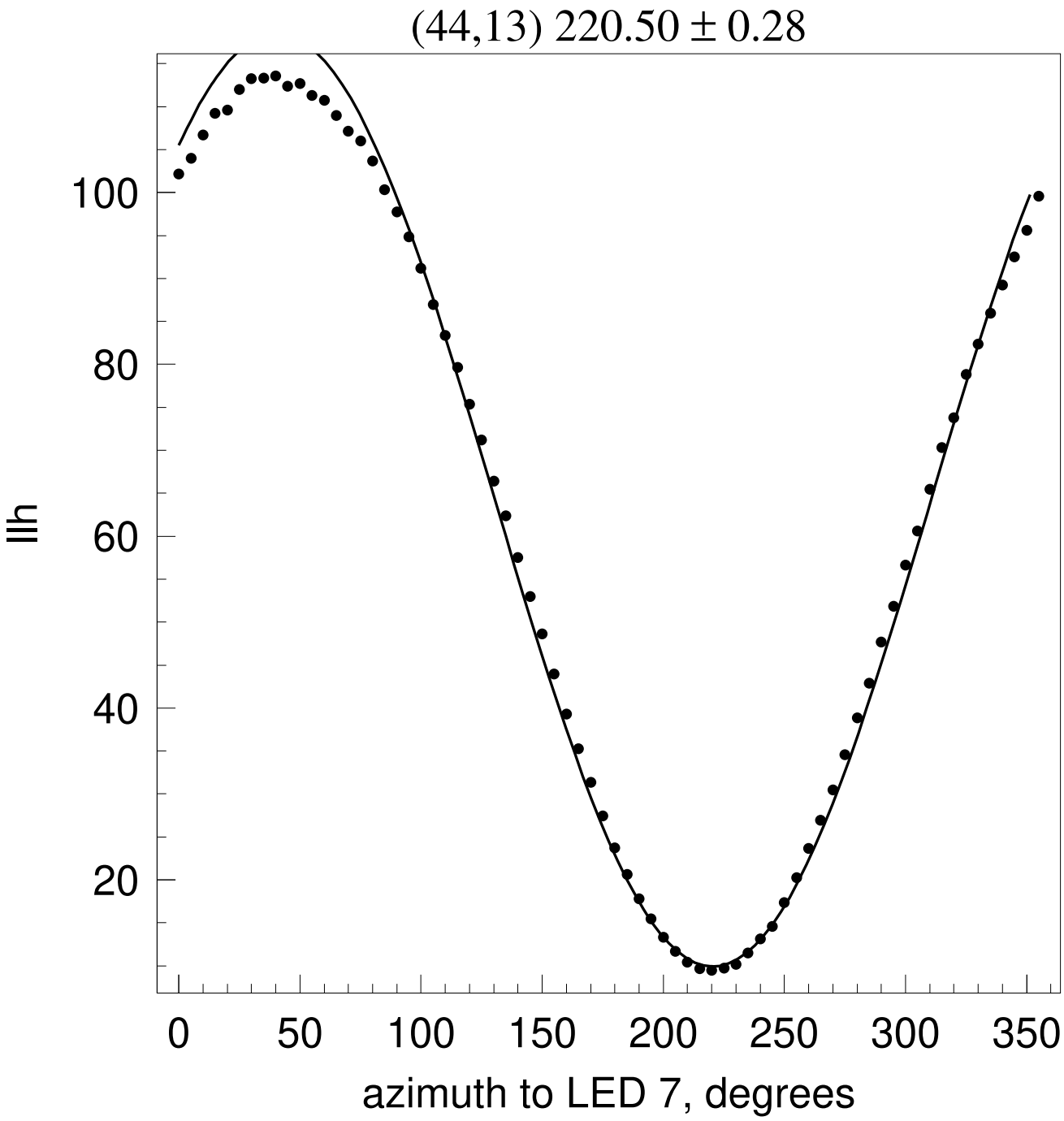

(44,8) 238.79 ± 0.23
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

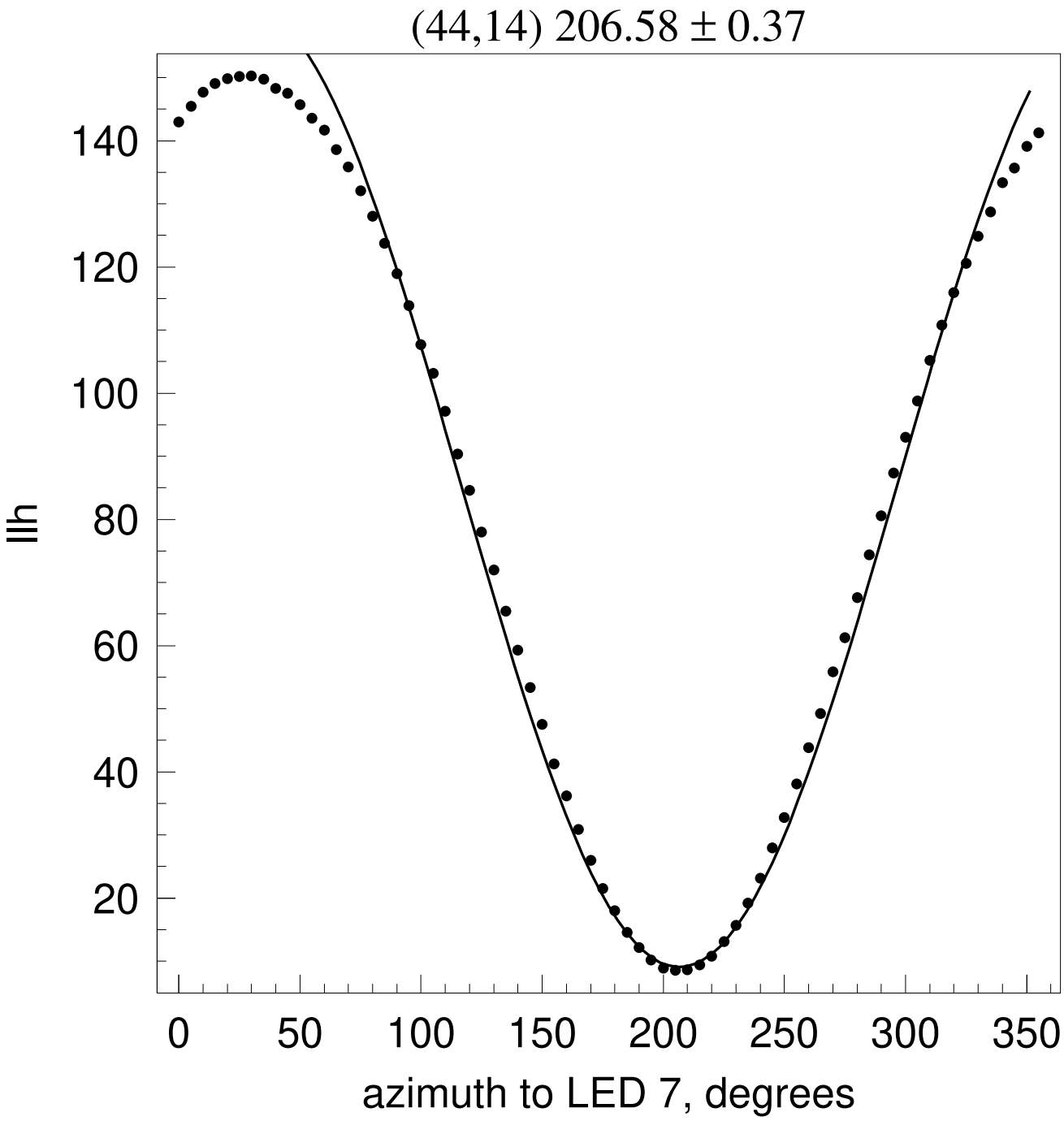

(44,9) 305.11 ± 0.19
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

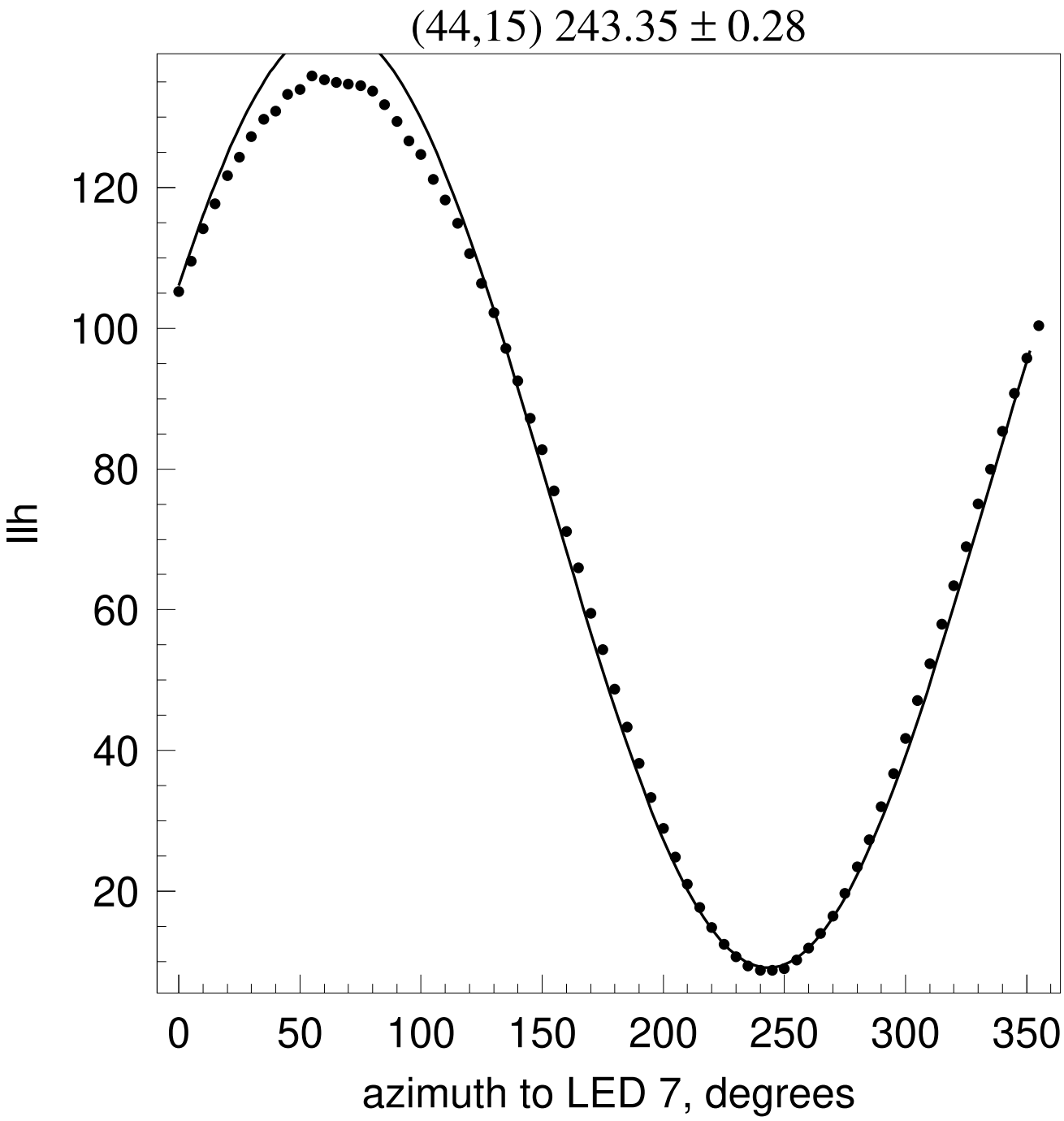

(44,10) 280.42 ± 0.29
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

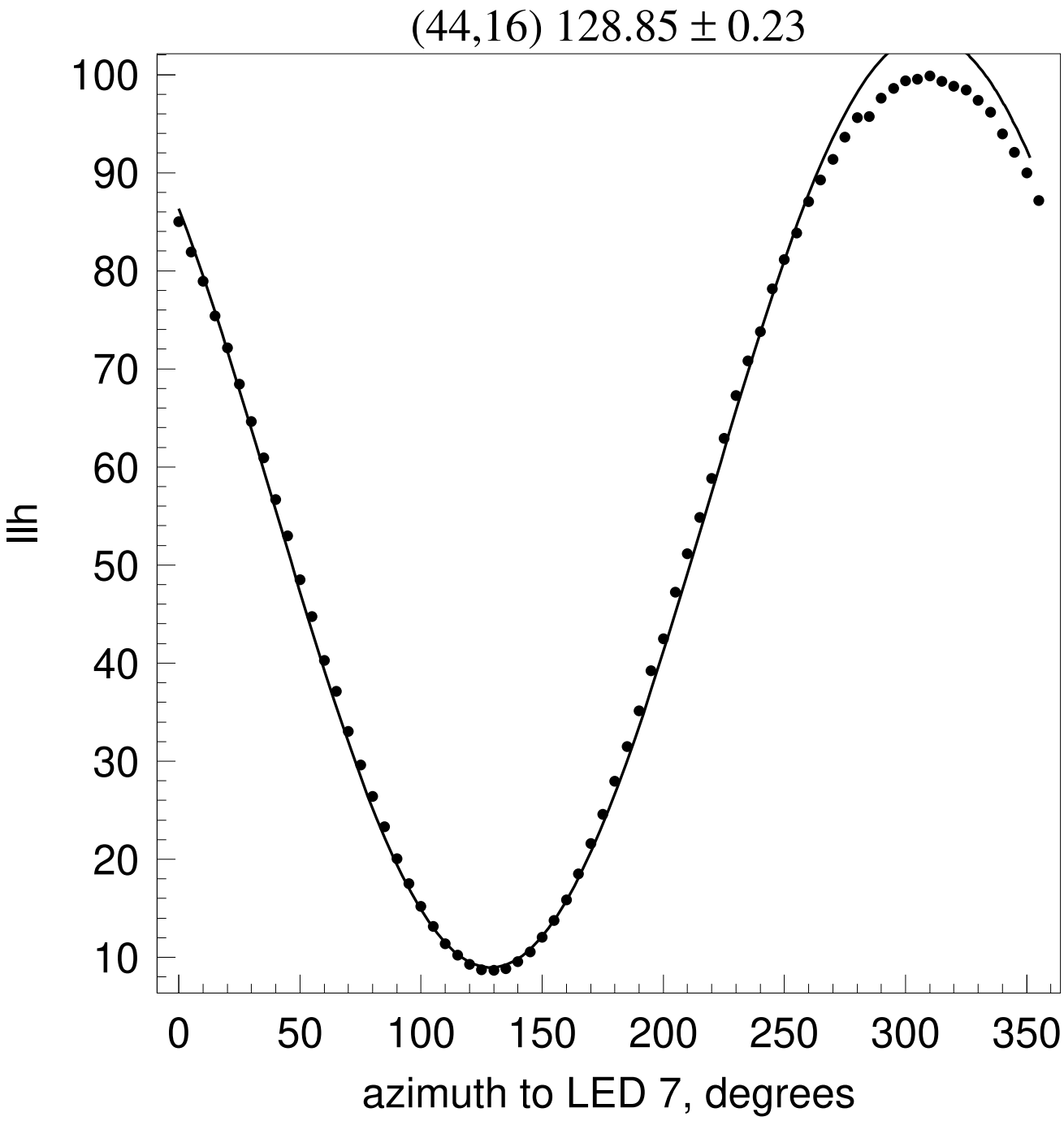

(44,11) 300.06 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

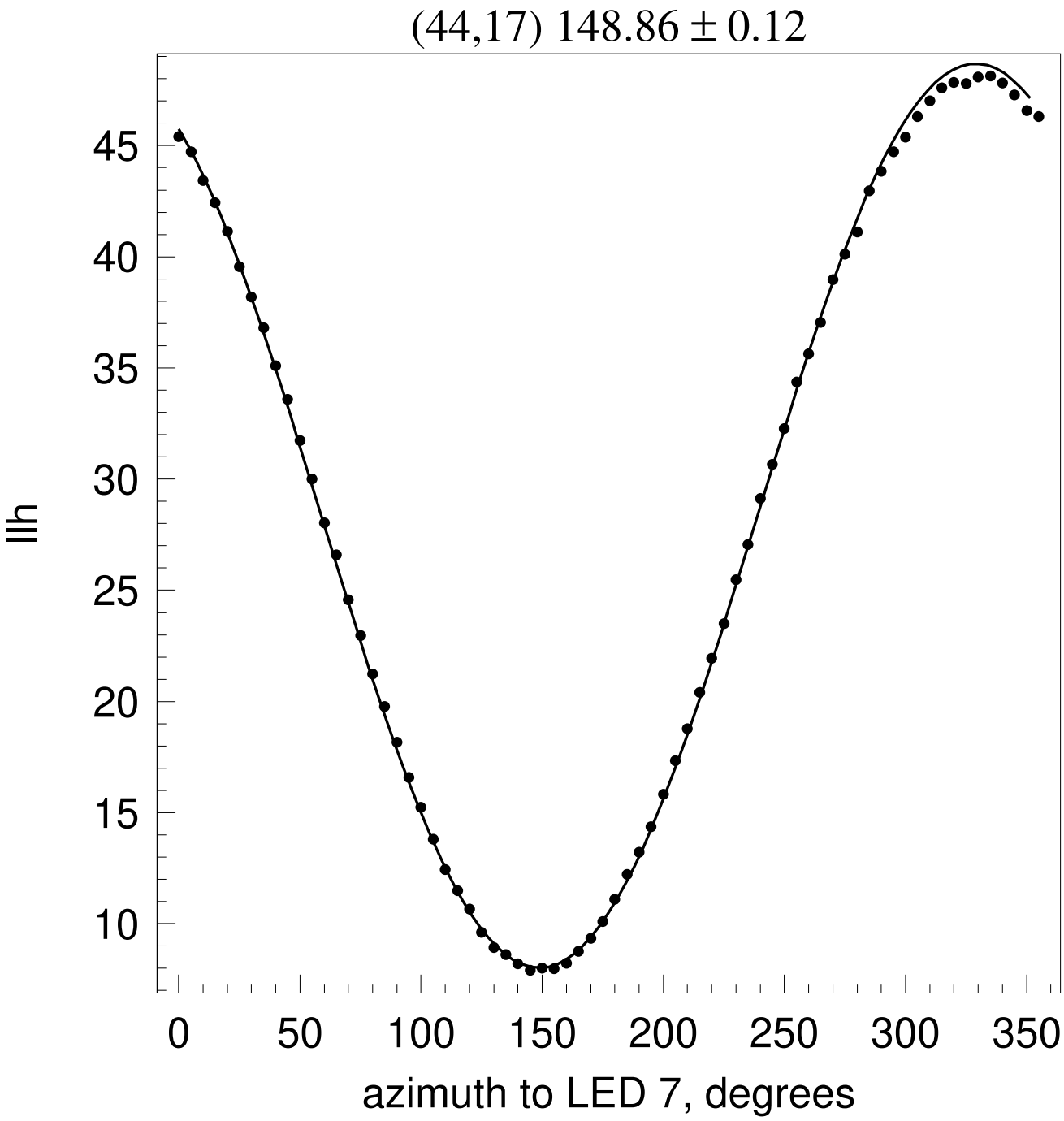

(44,12) 93.46 ± 0.17
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

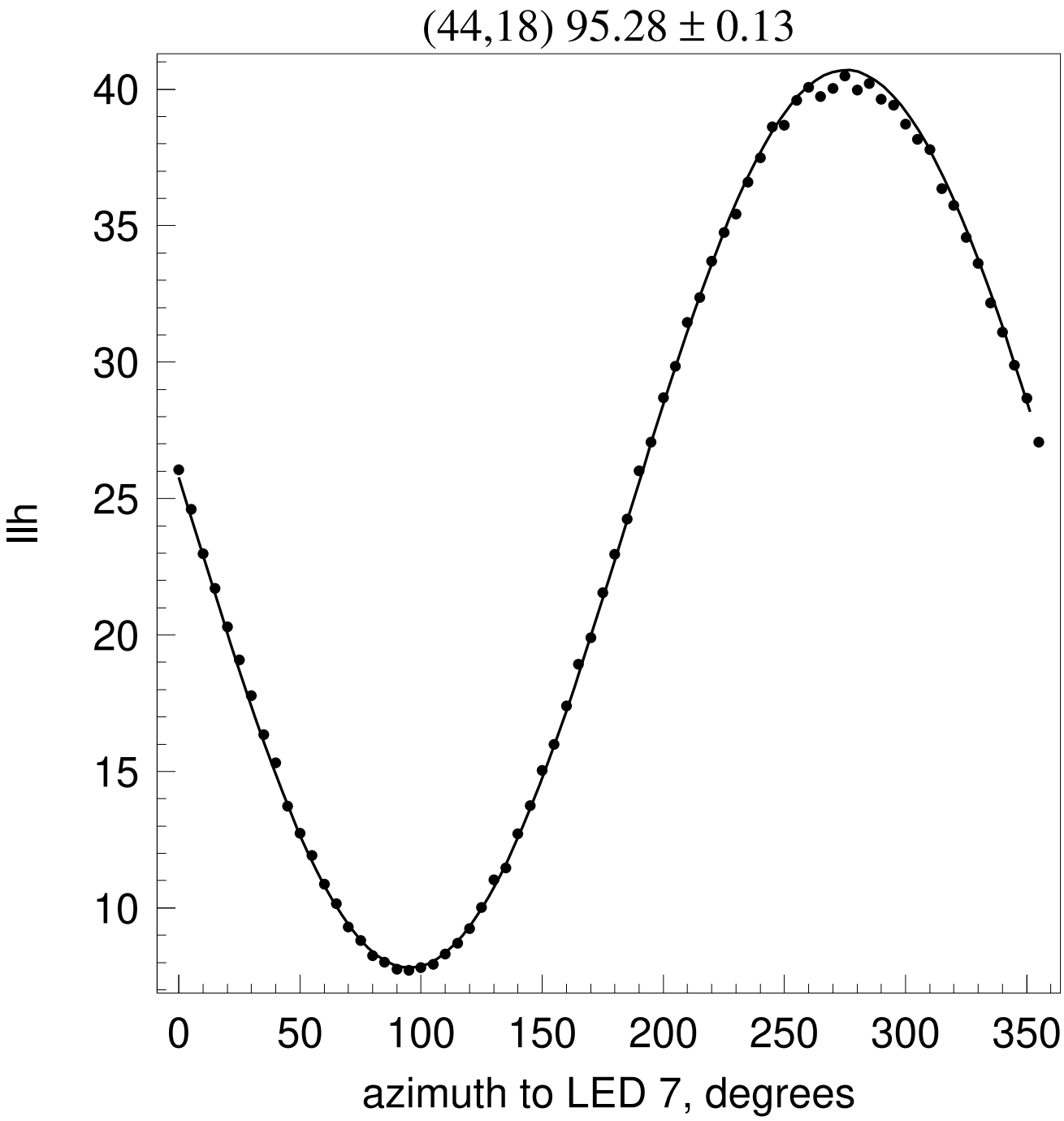

(44,13) 220.50 ± 0.28
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

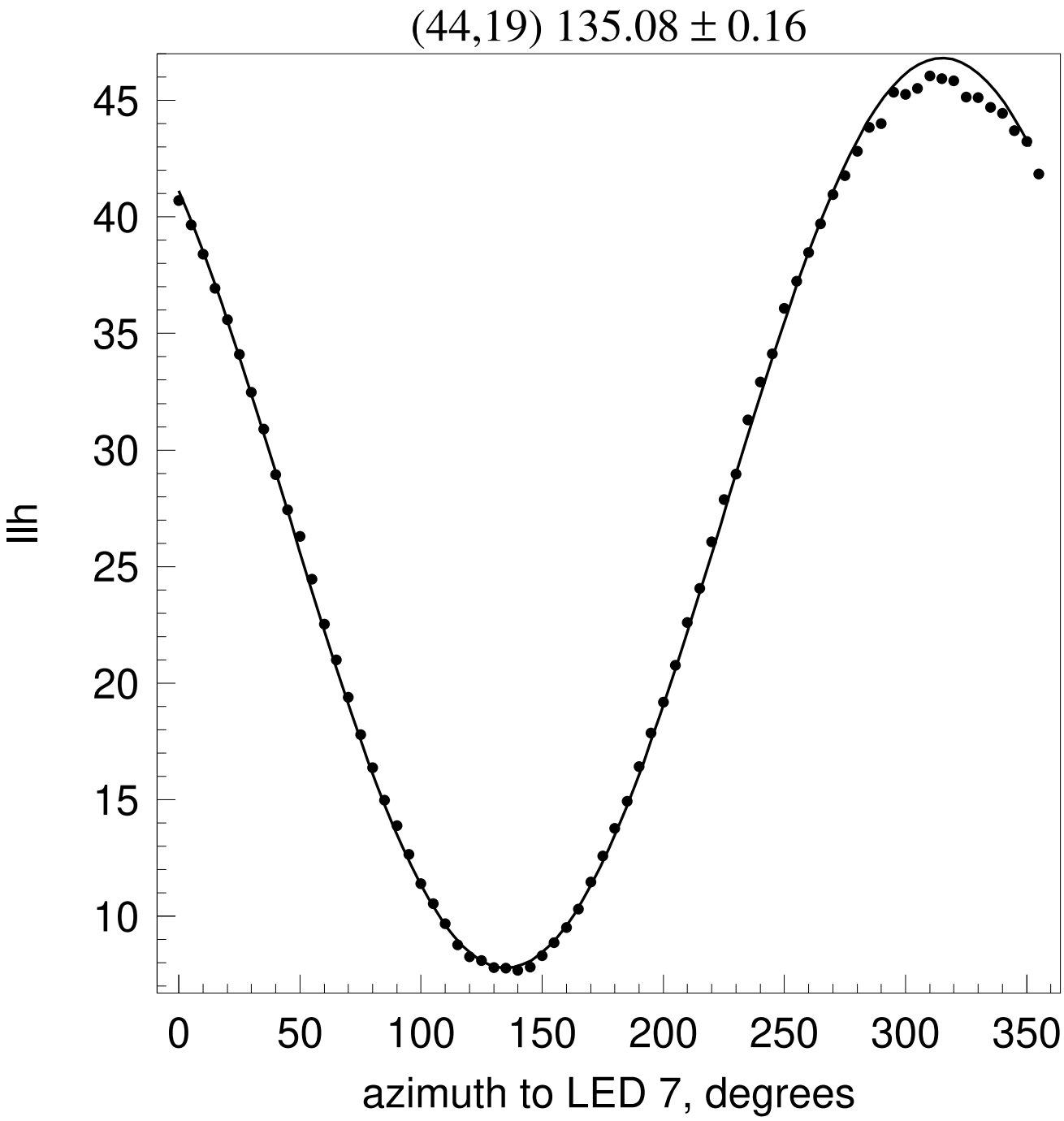

(44,14) 206.58 ± 0.37
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

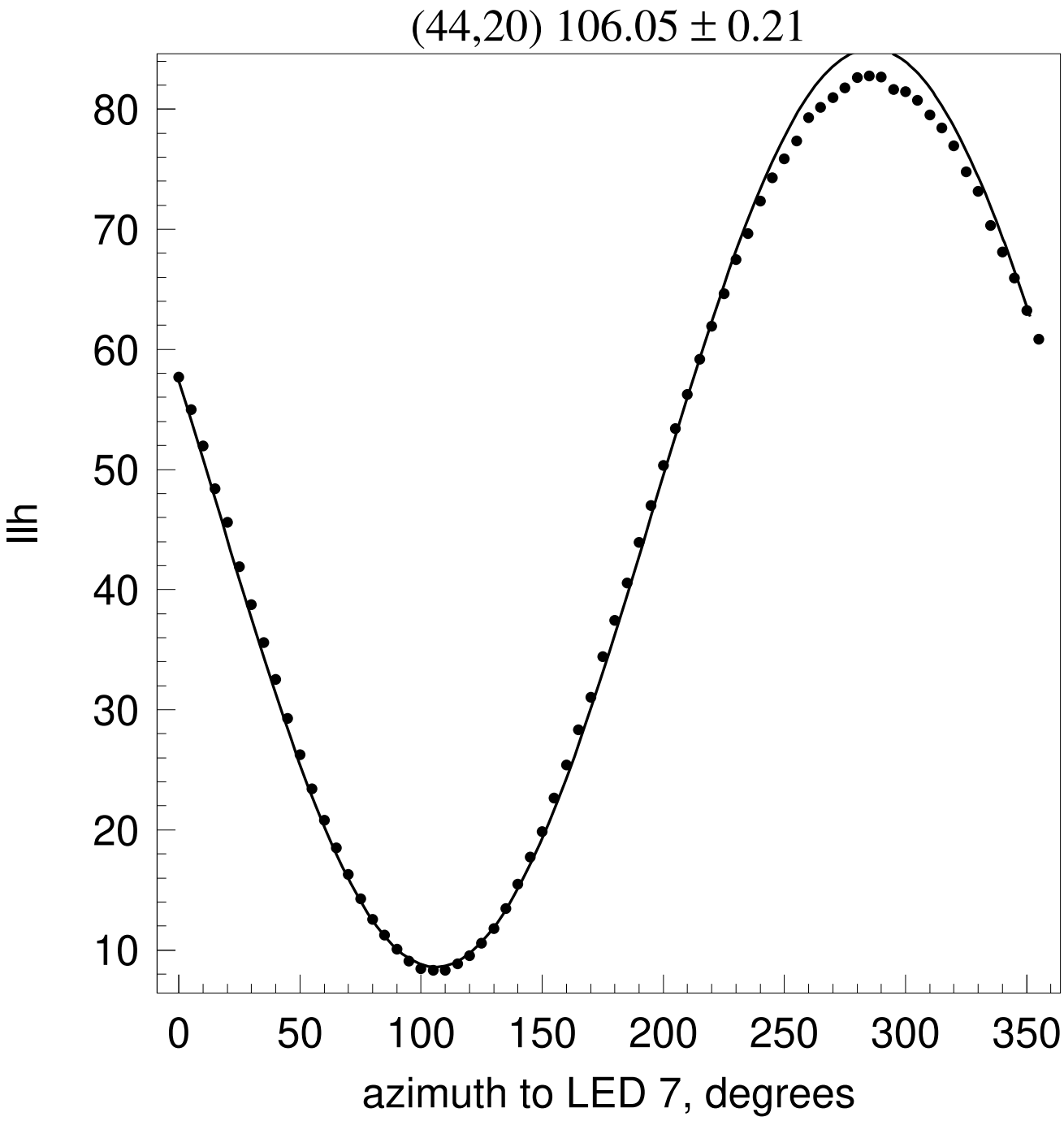

(44,15) 243.35 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

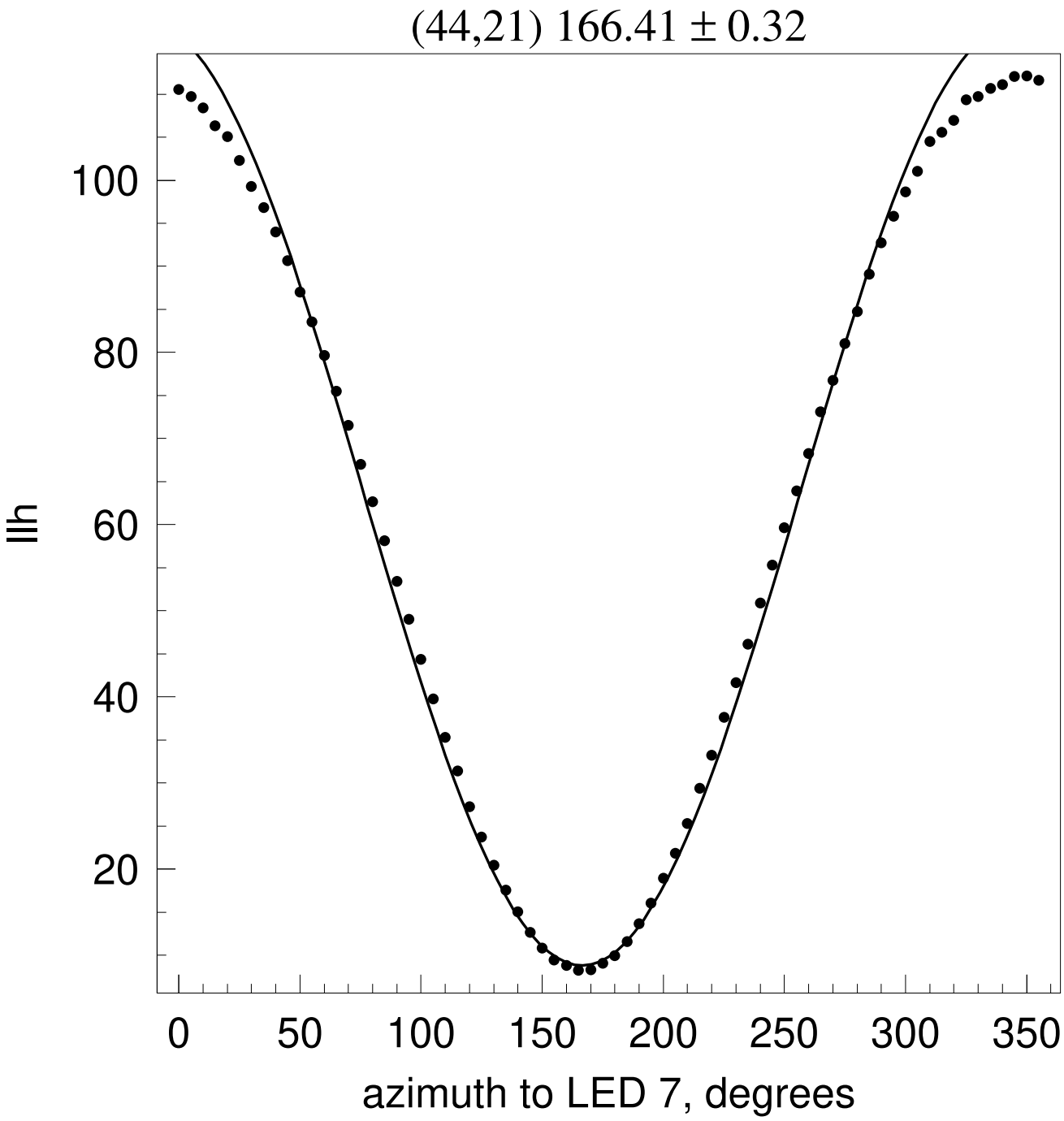

(44,16) 128.85 ± 0.23
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

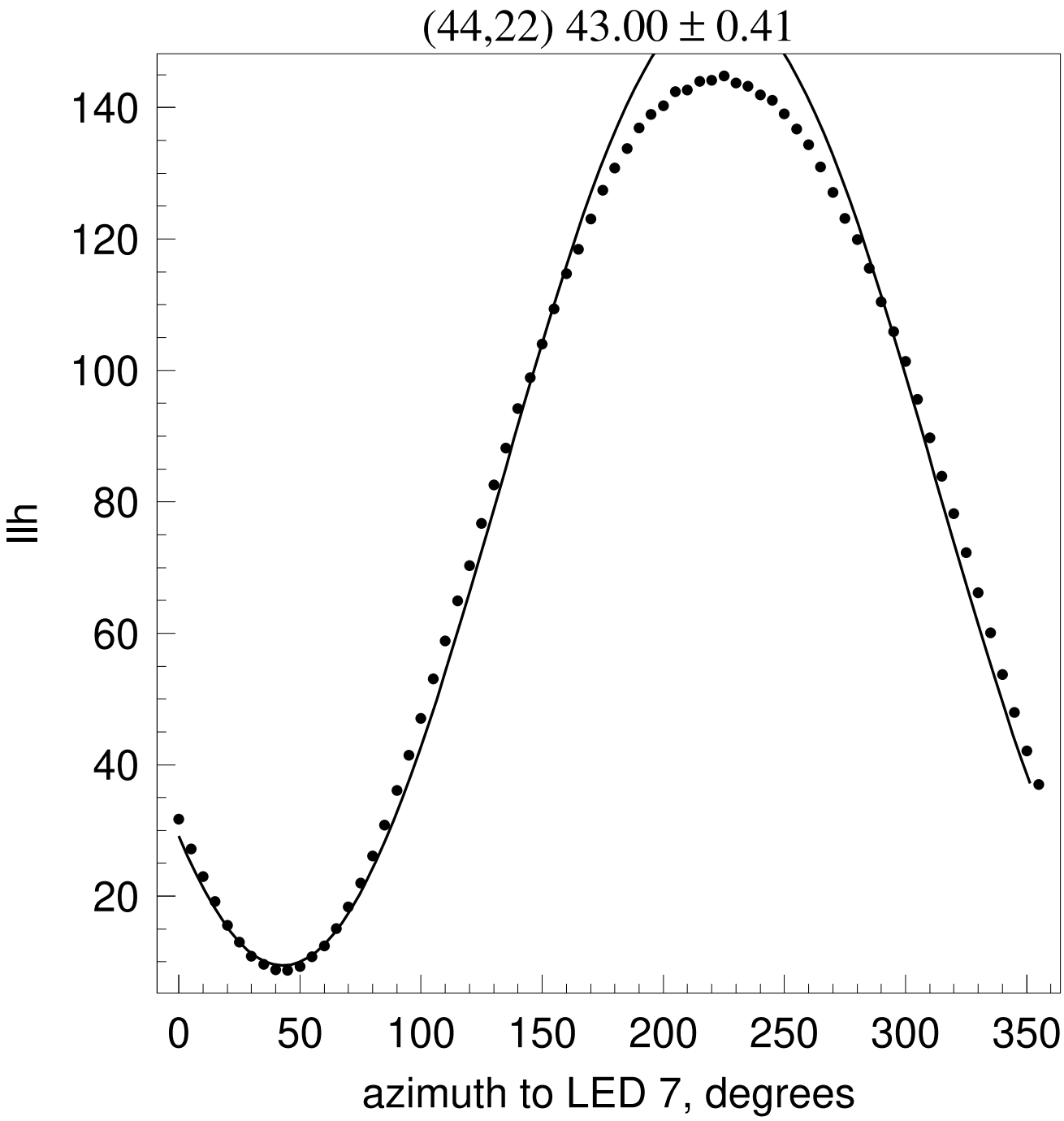

(44,17) 148.86 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

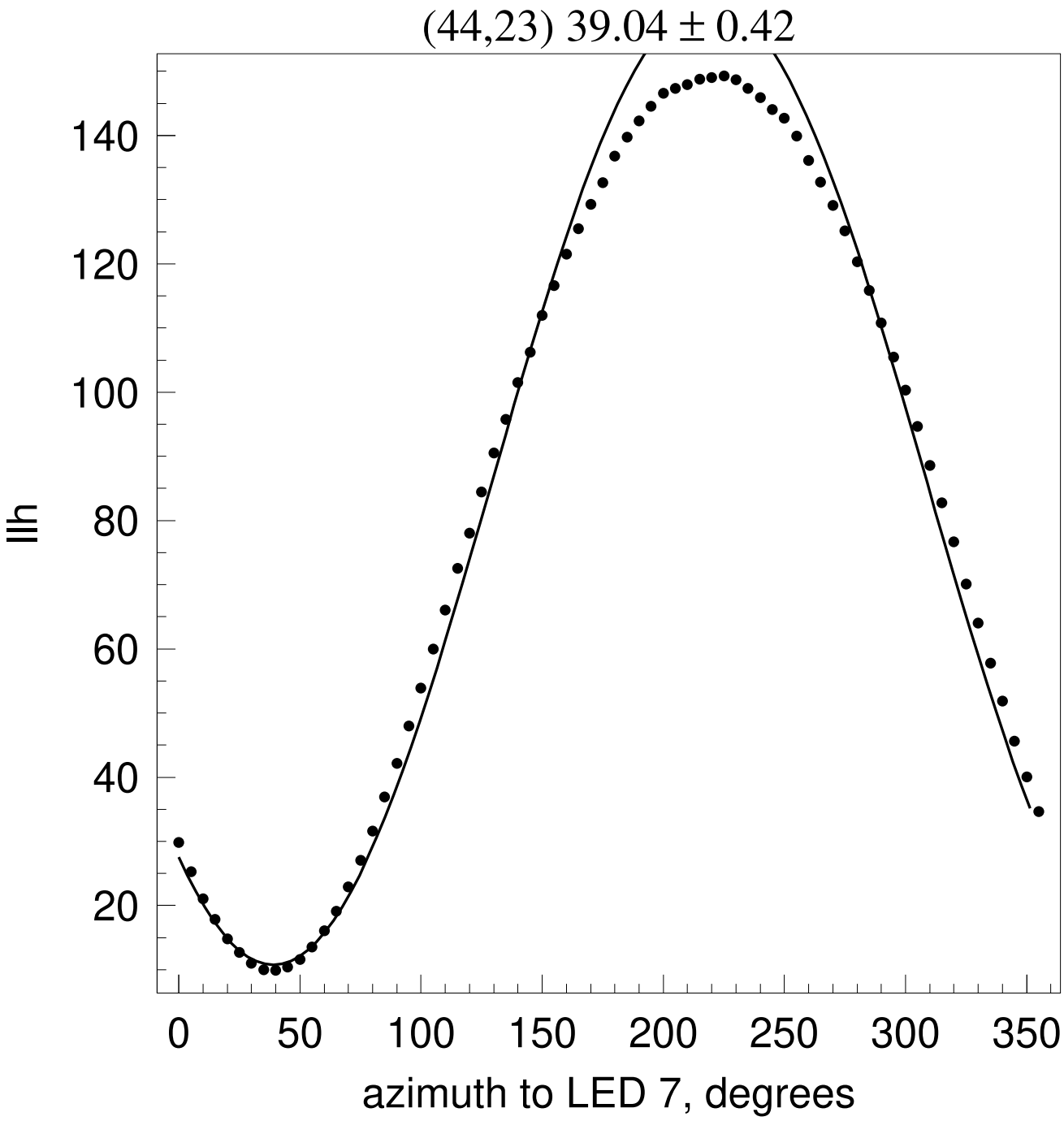

(44,18) 95.28 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

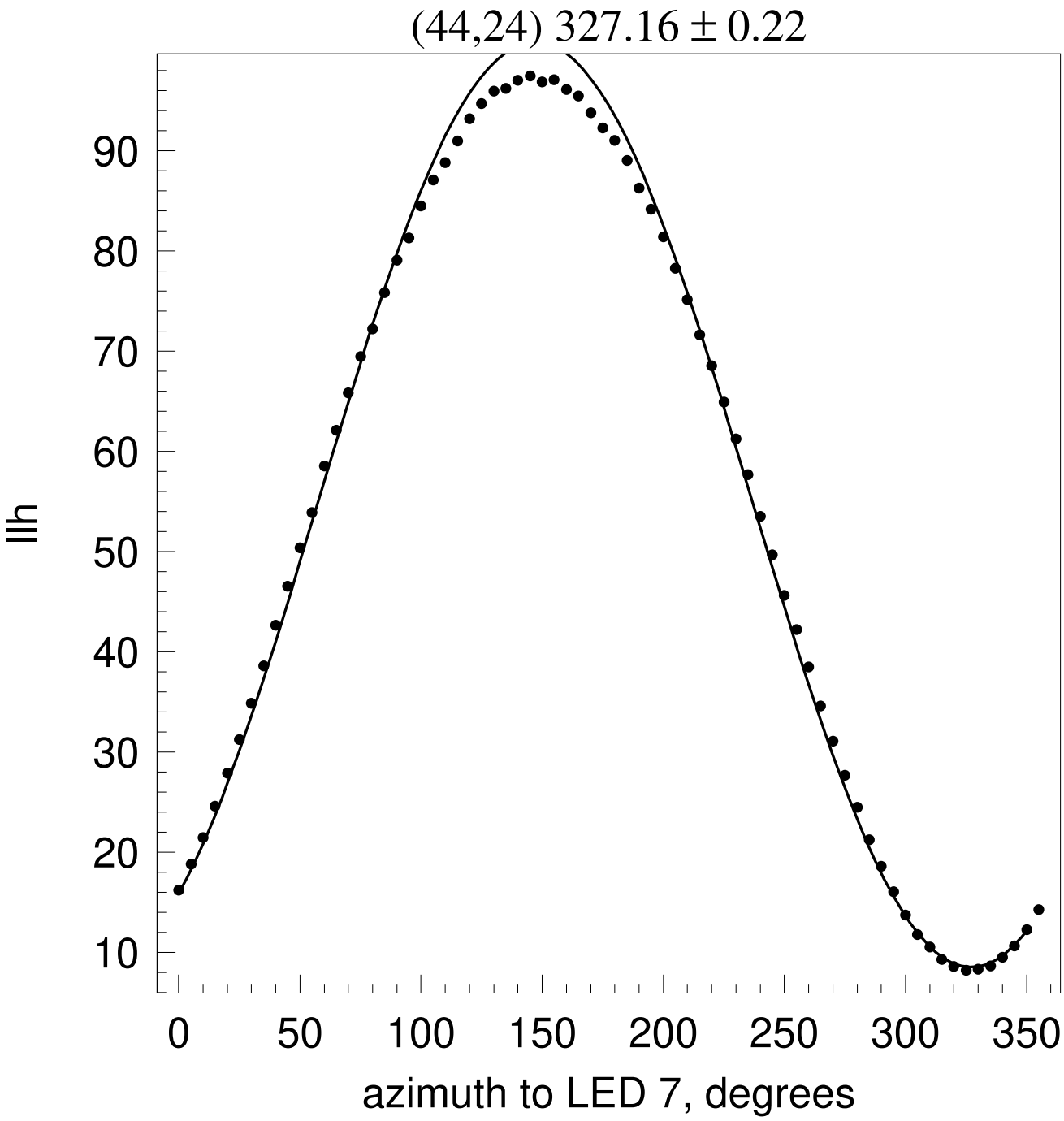

(44,19) 135.08 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

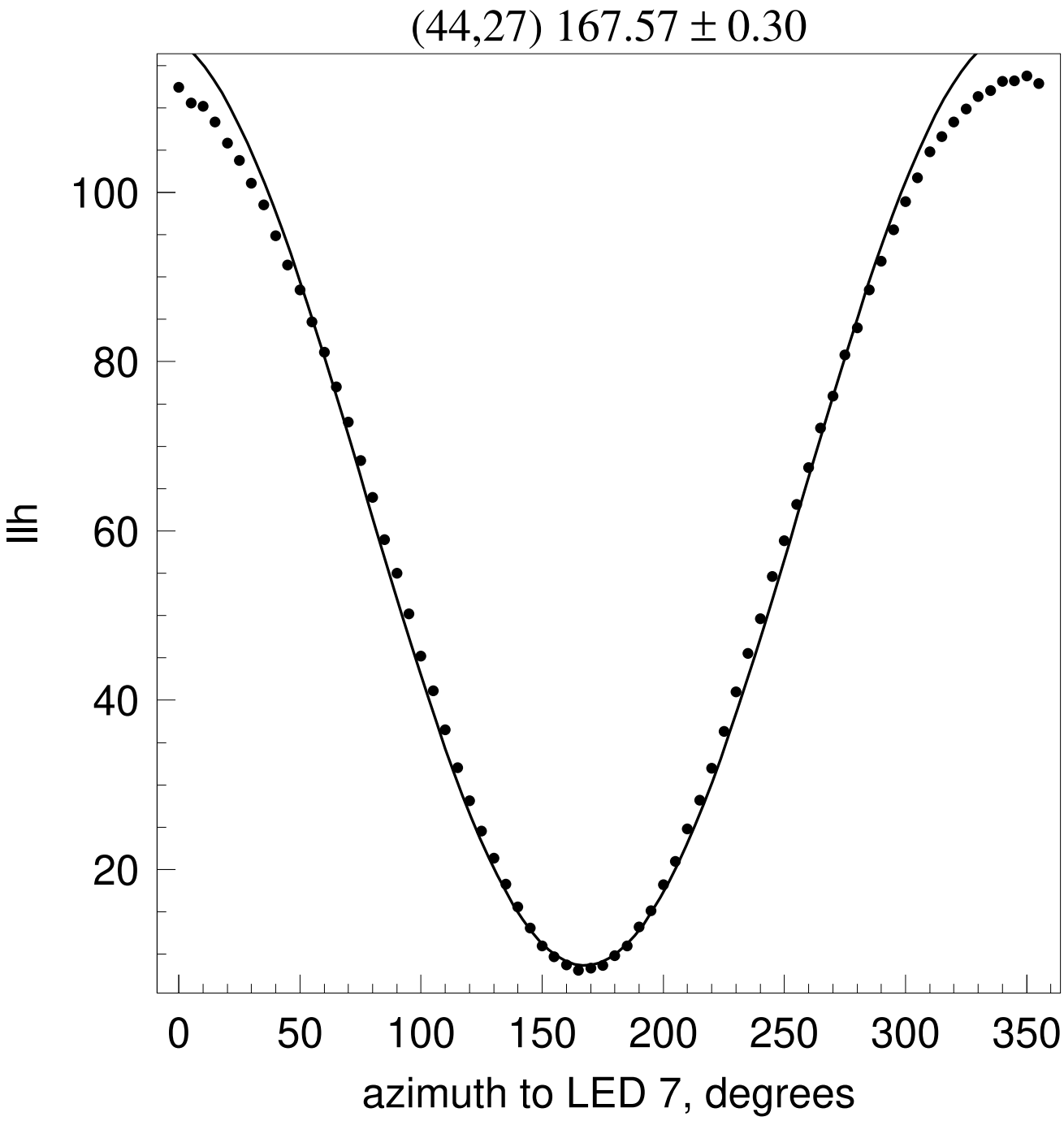

(44,20) 106.05 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

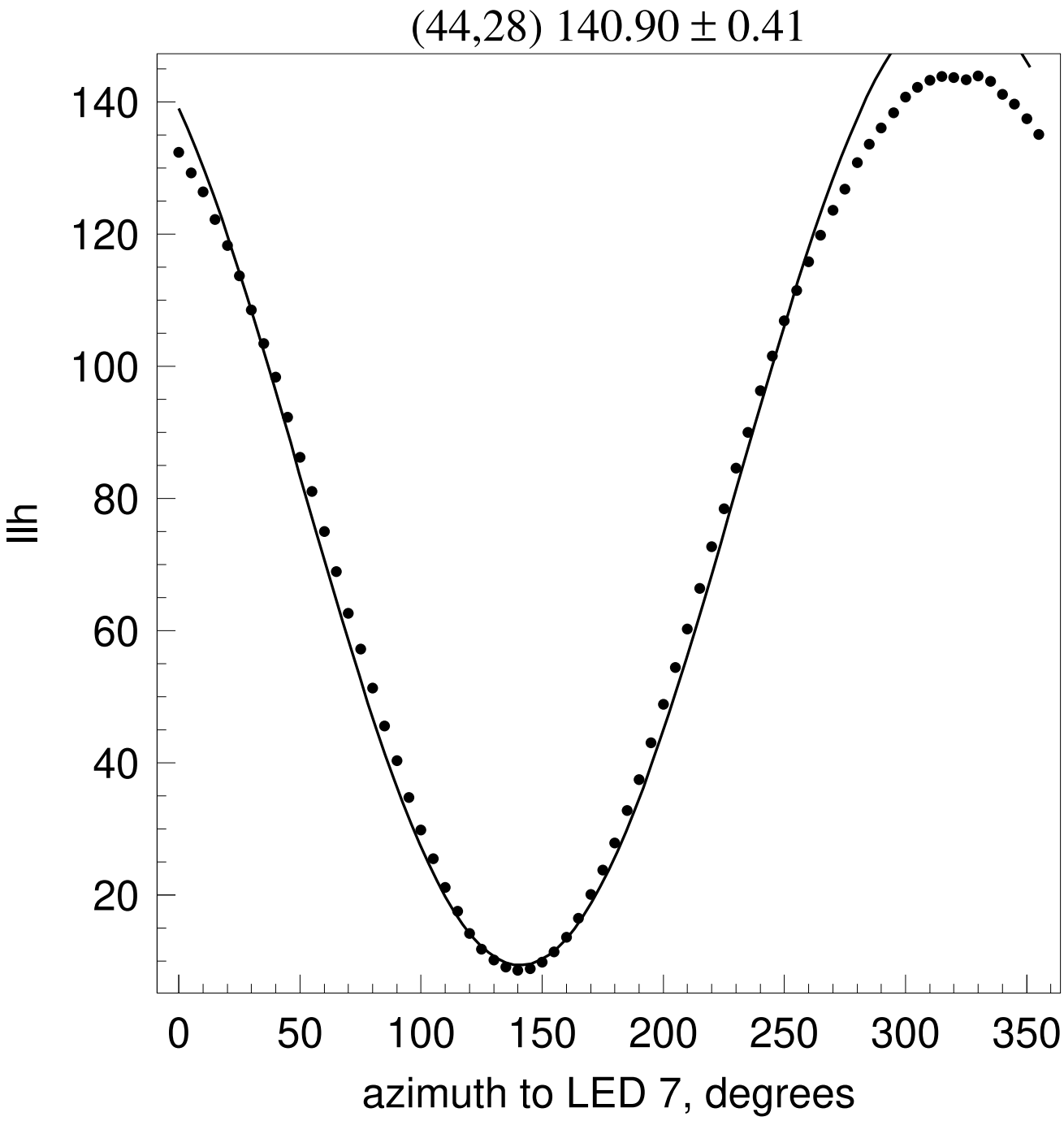

(44,21) 166.41 ± 0.32
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

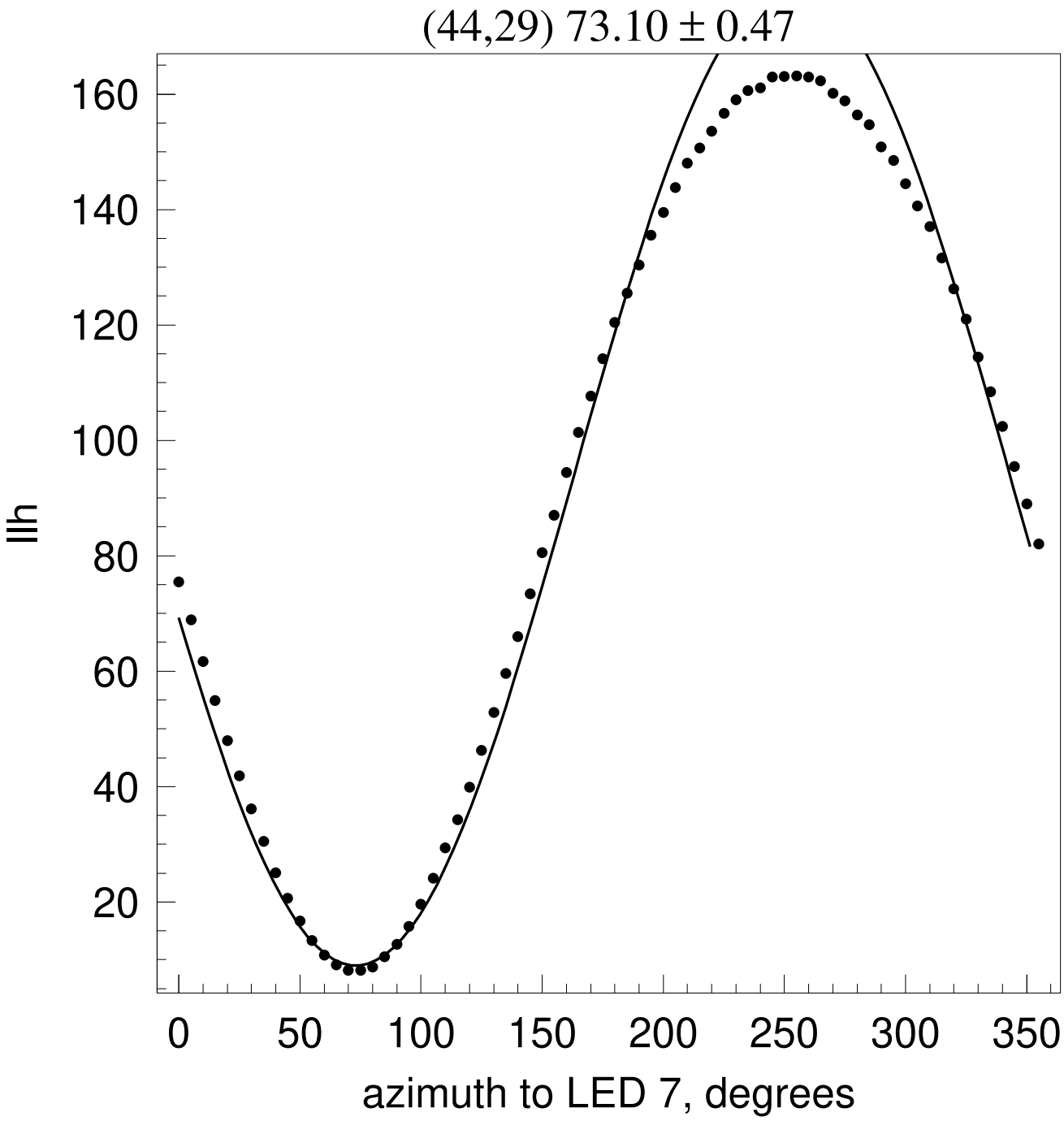

(44,22) 43.00 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

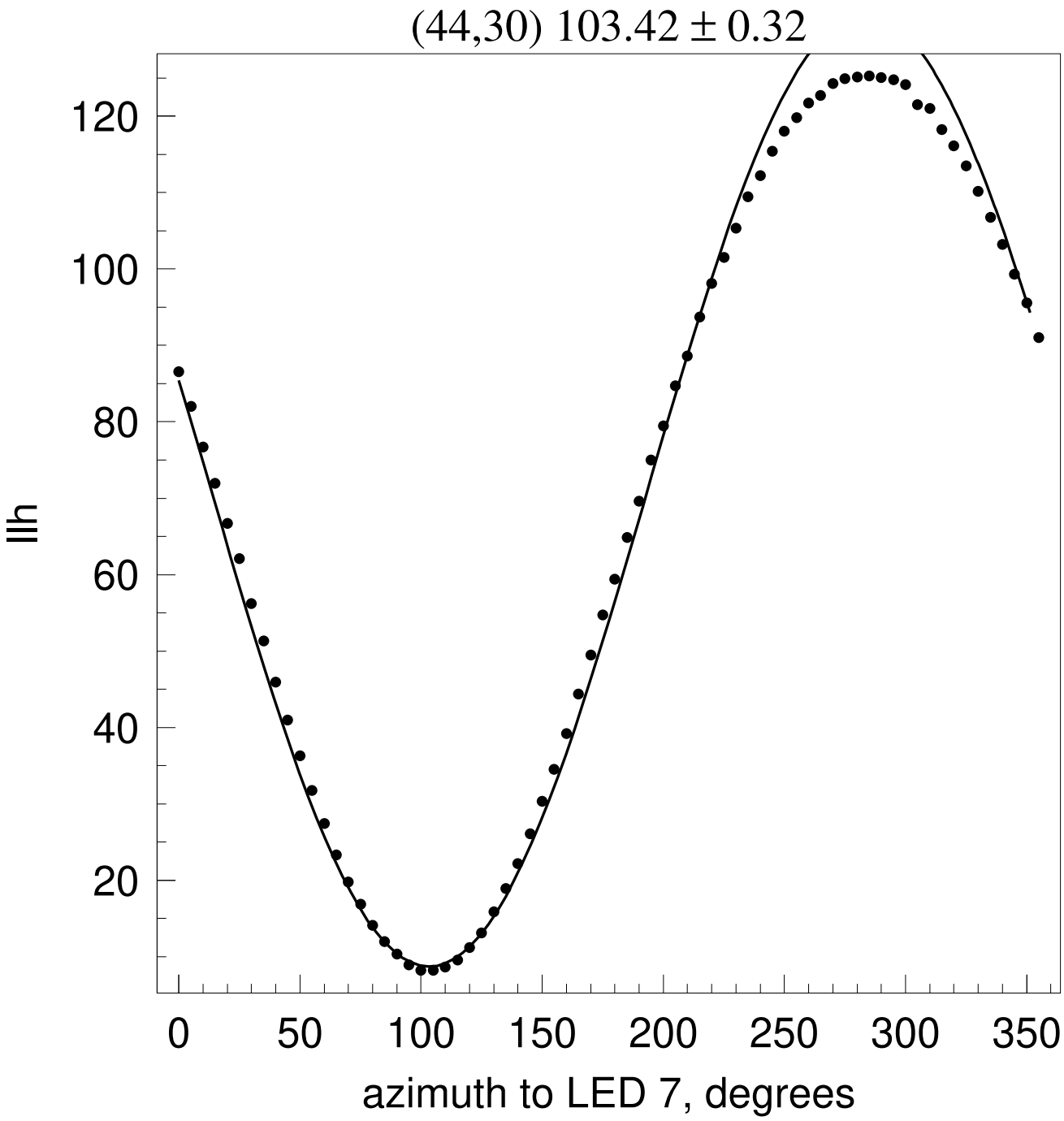

(44,23) 39.04 ± 0.42
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

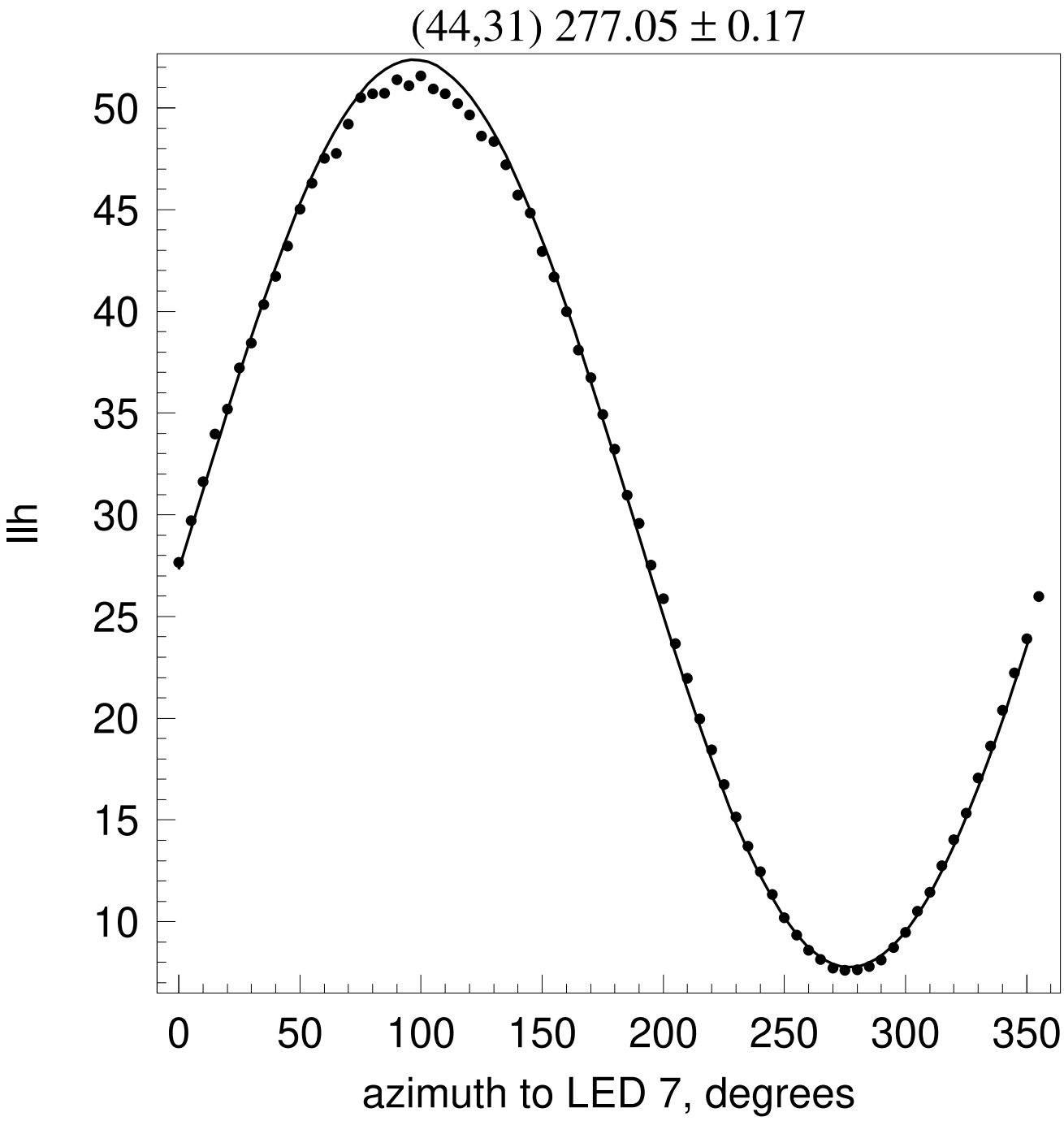

(44,24) 327.16 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

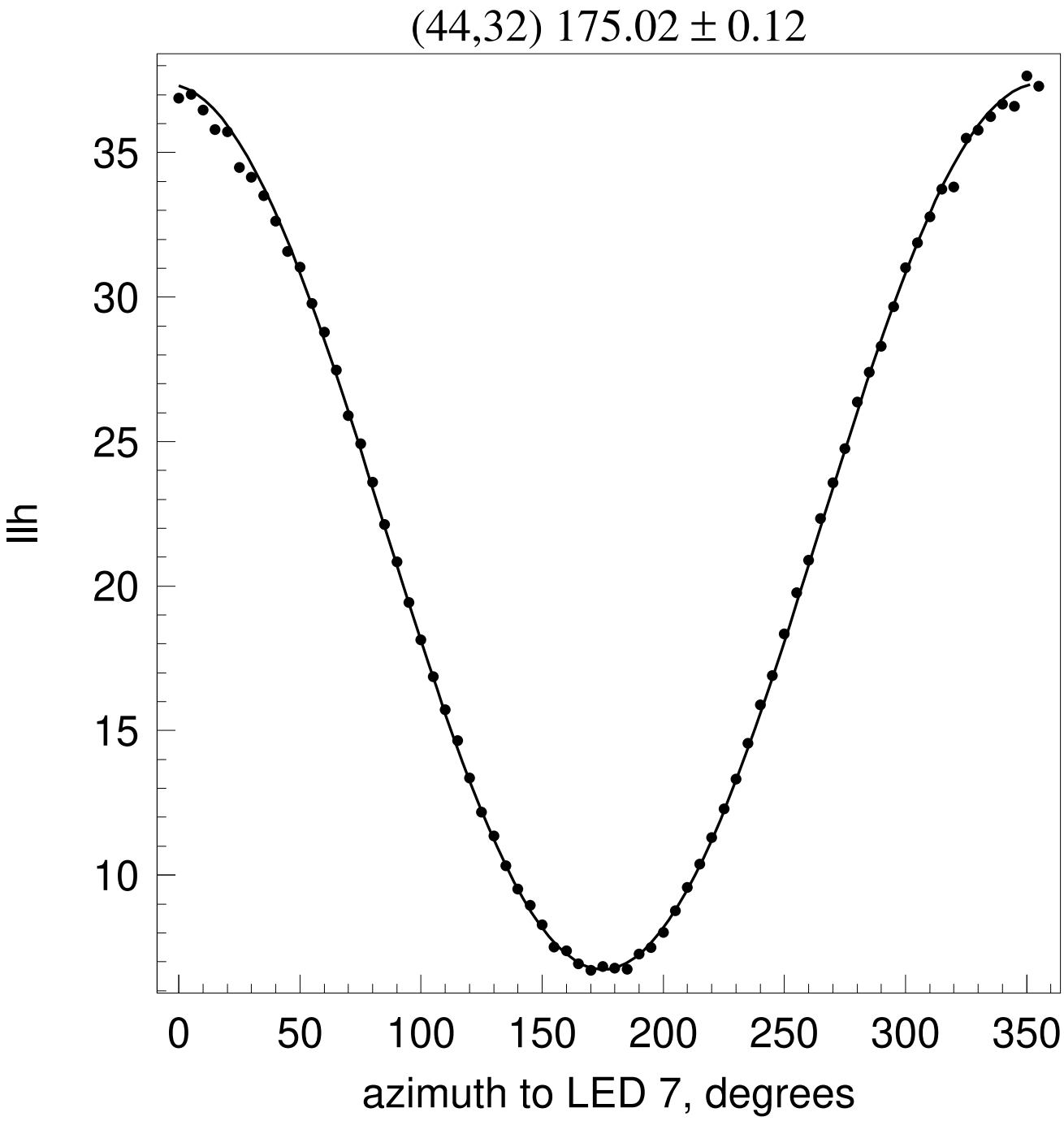

(44,27) 167.57 ± 0.30
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

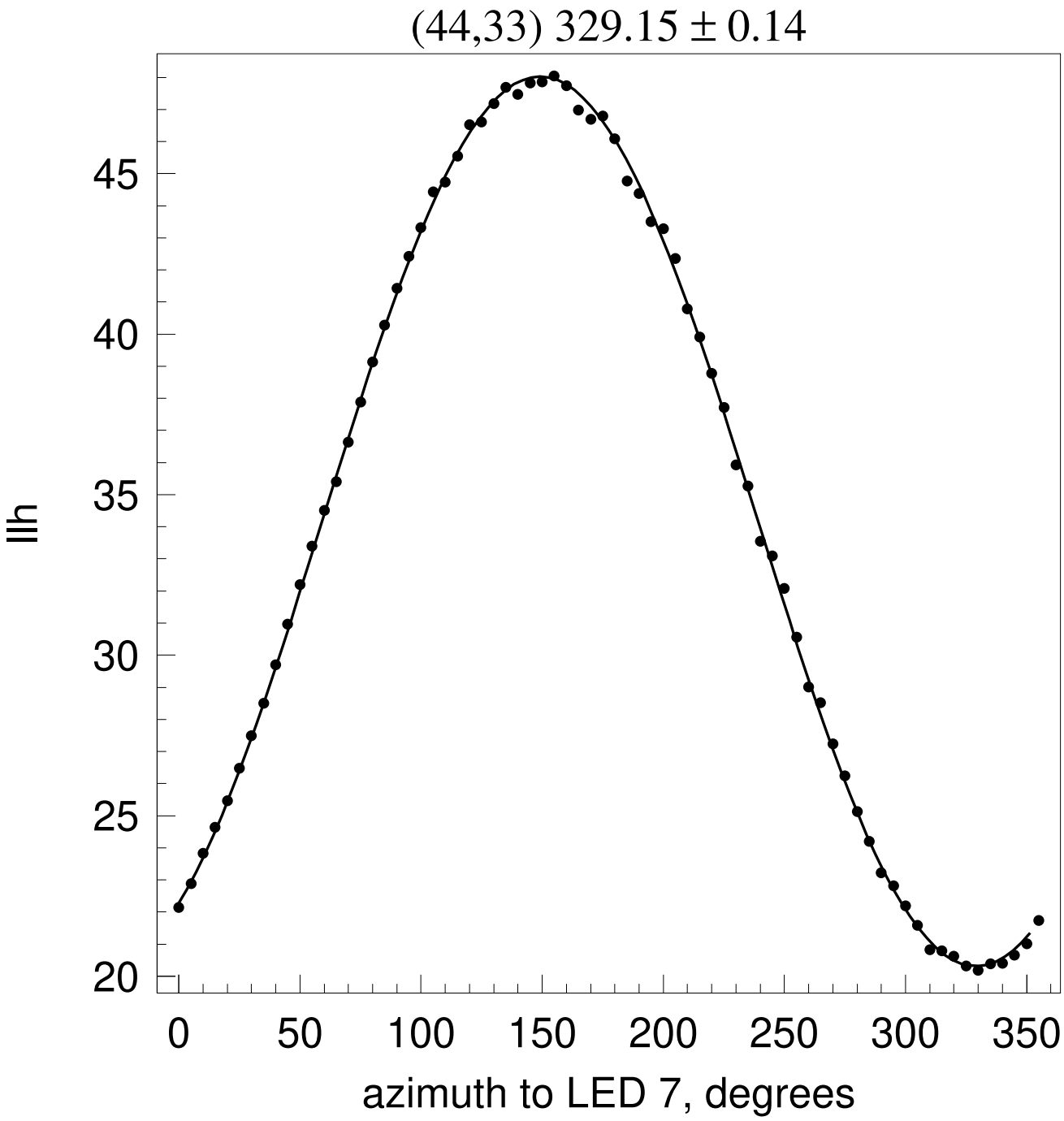

(44,28) 140.90 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

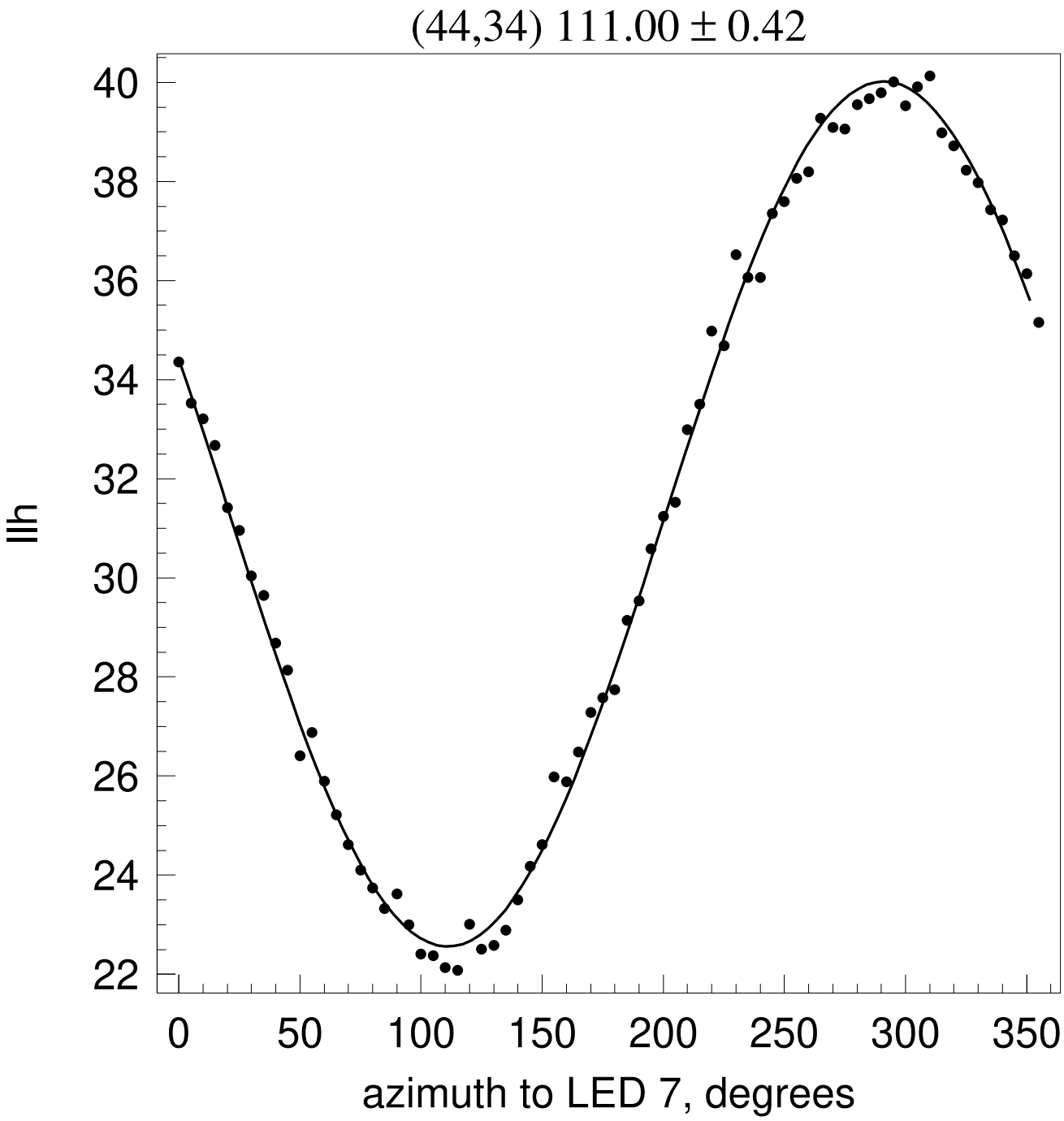

(44,29) 73.10 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

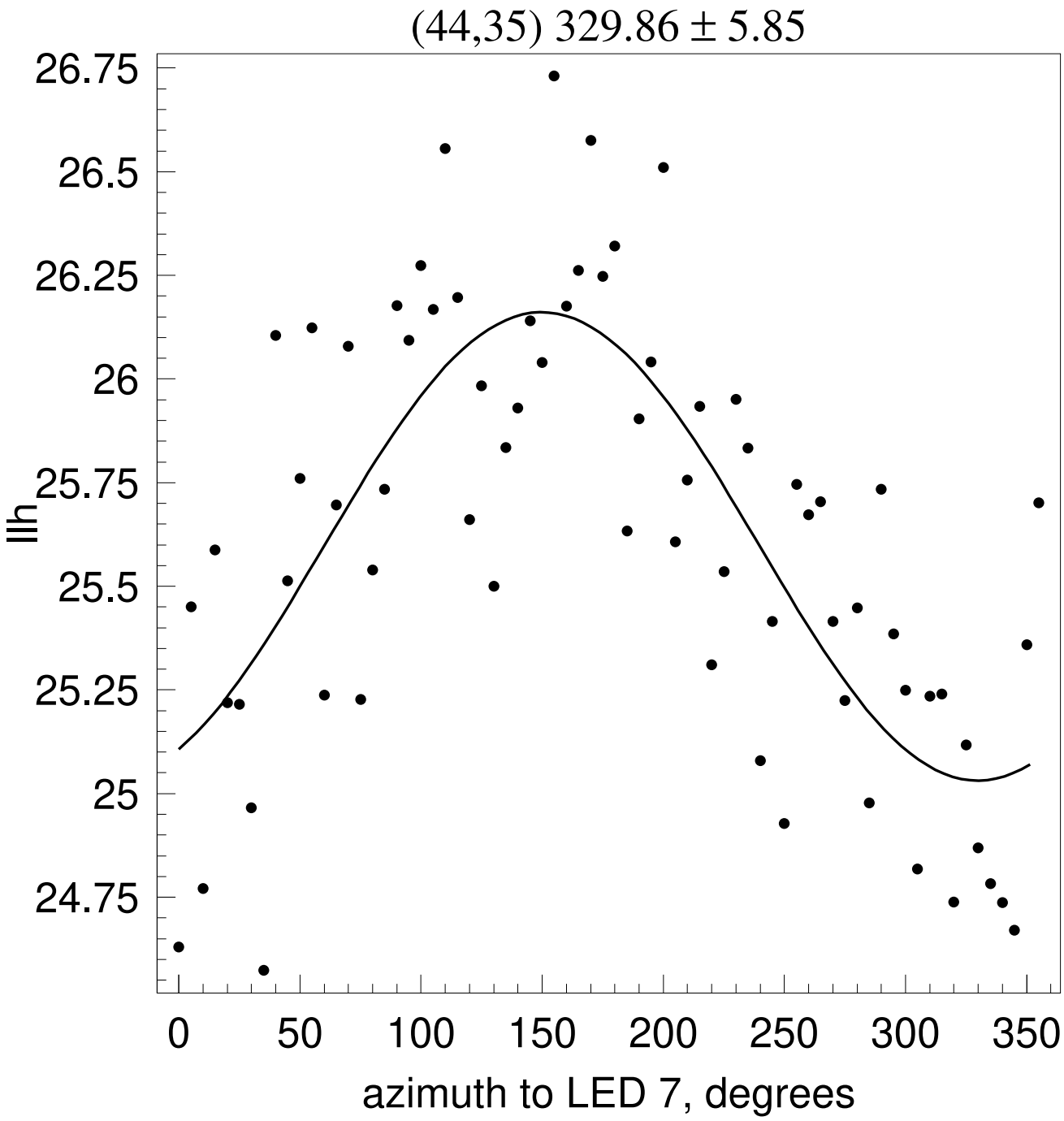

(44,30) 103.42 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

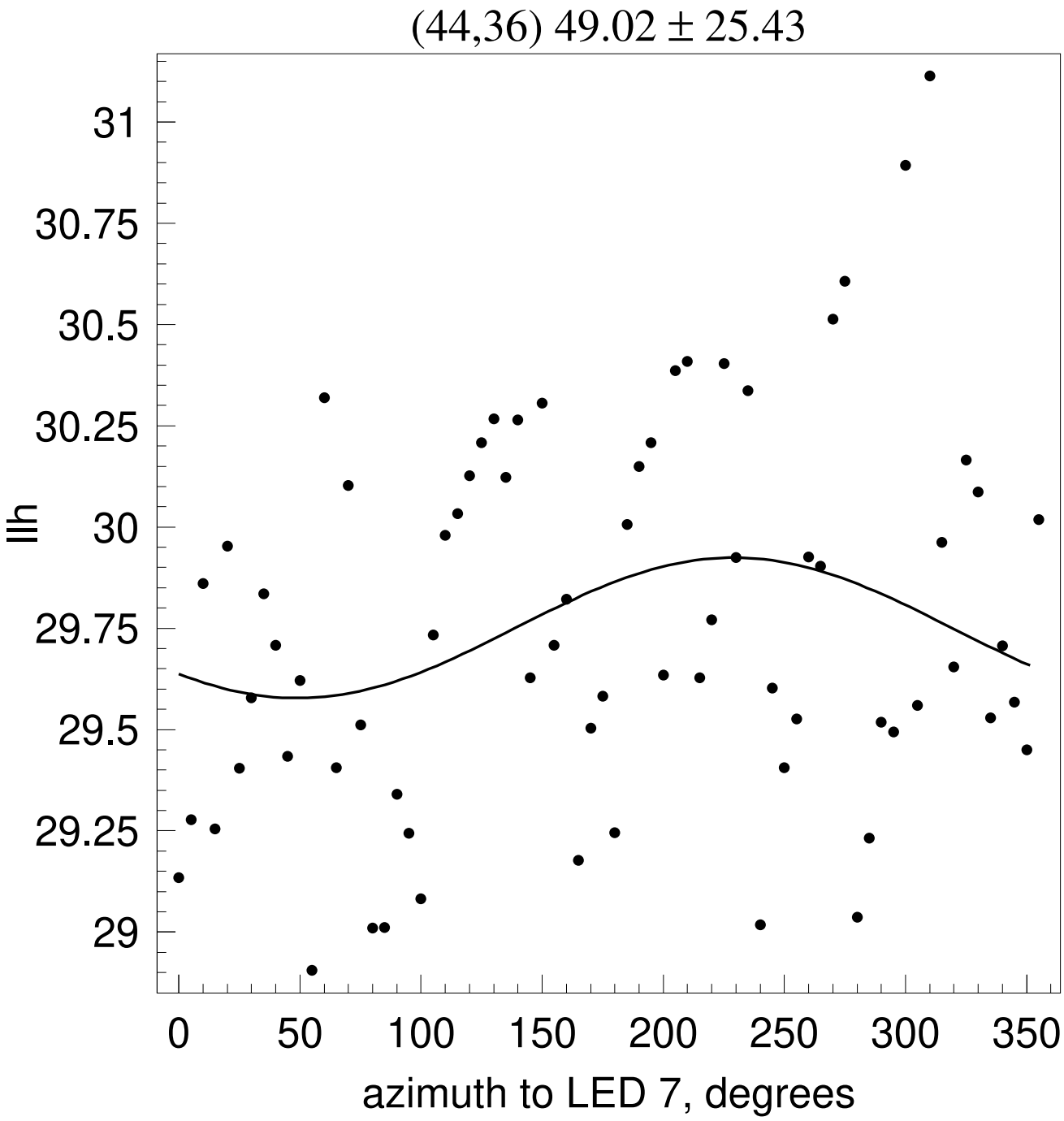

(44,31) 277.05 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

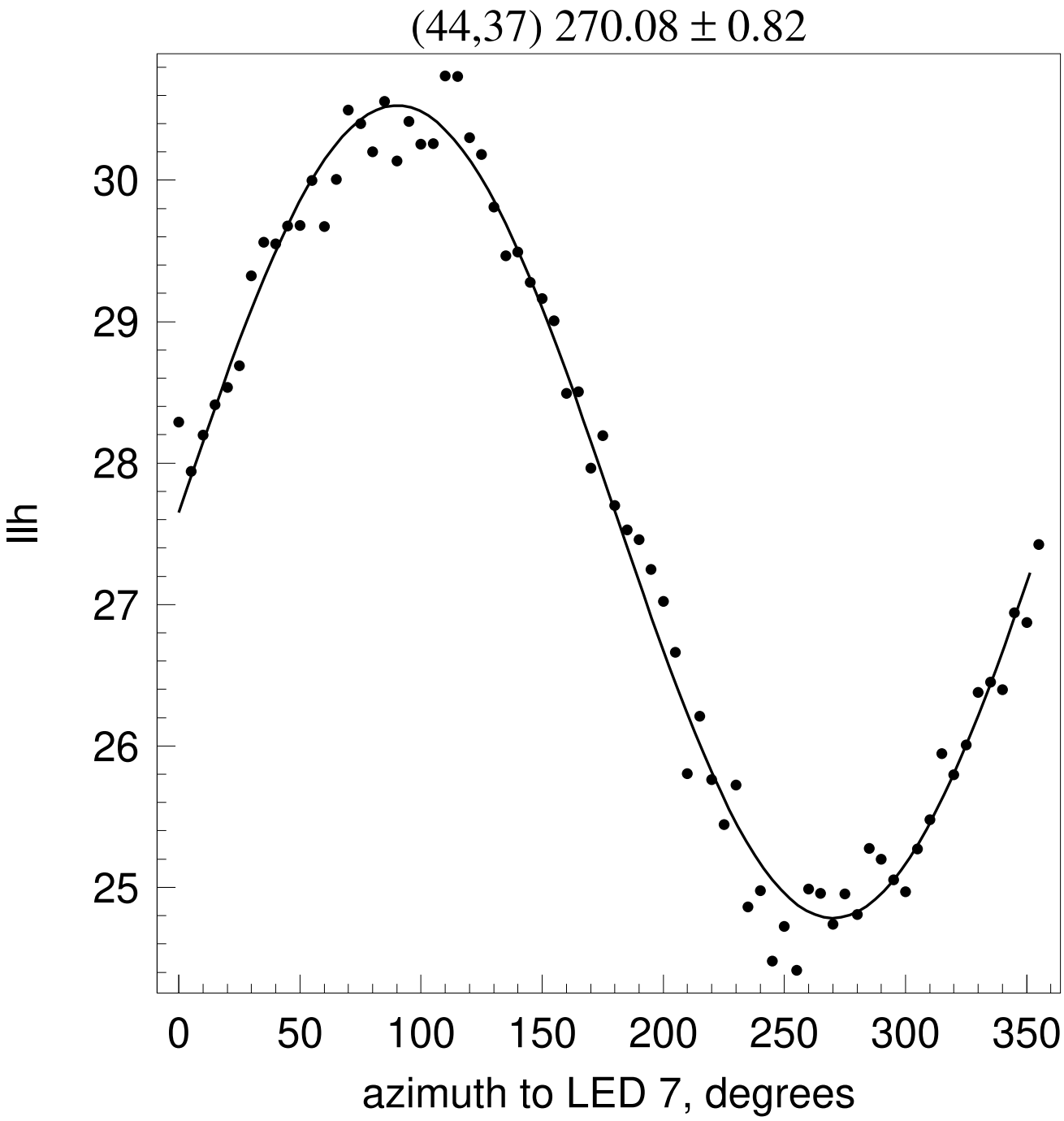

(44,32) 175.02 ± 0.12
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

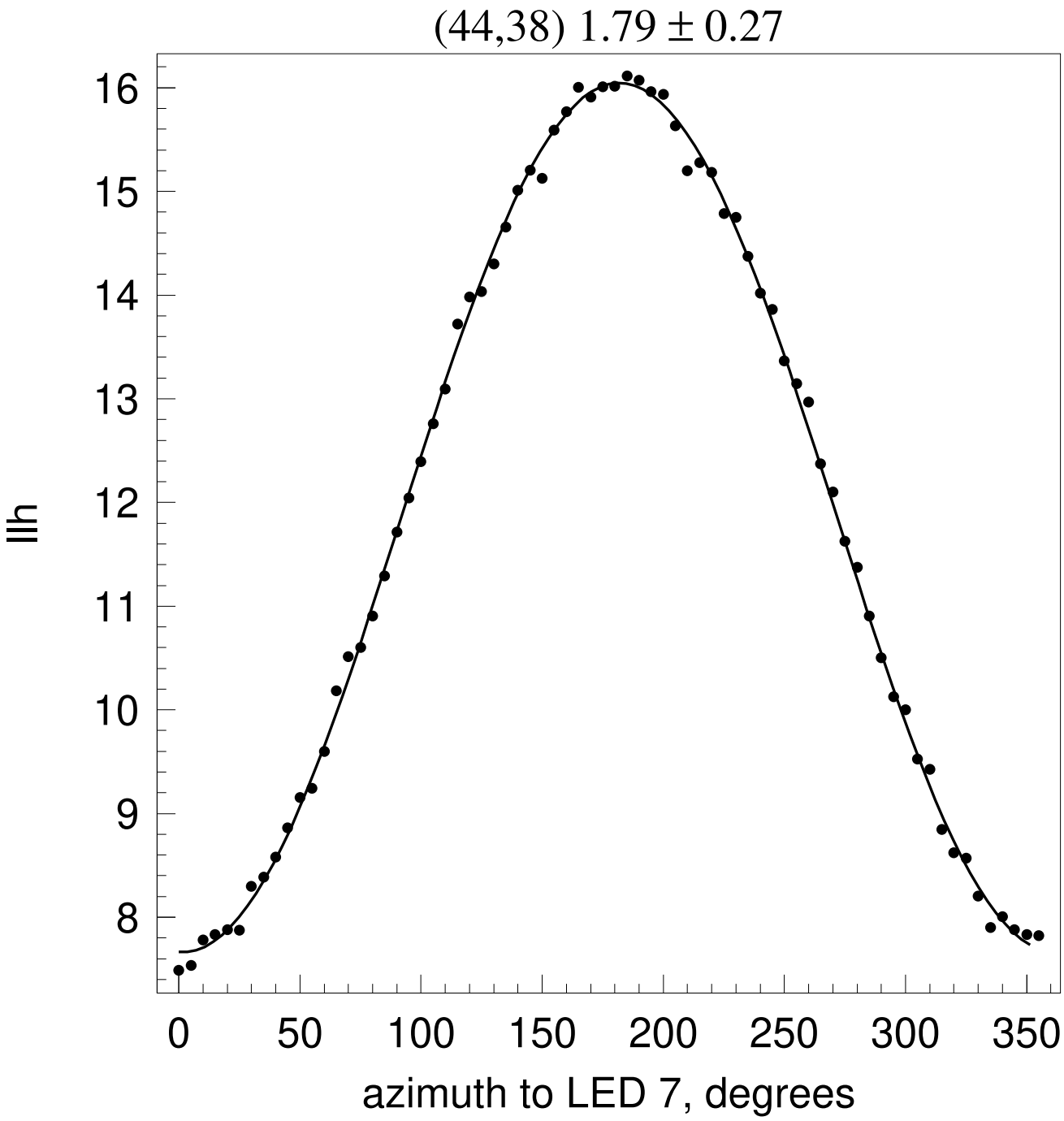

(44,33) 329.15 ± 0.14
llh
45
40
35
30
25
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

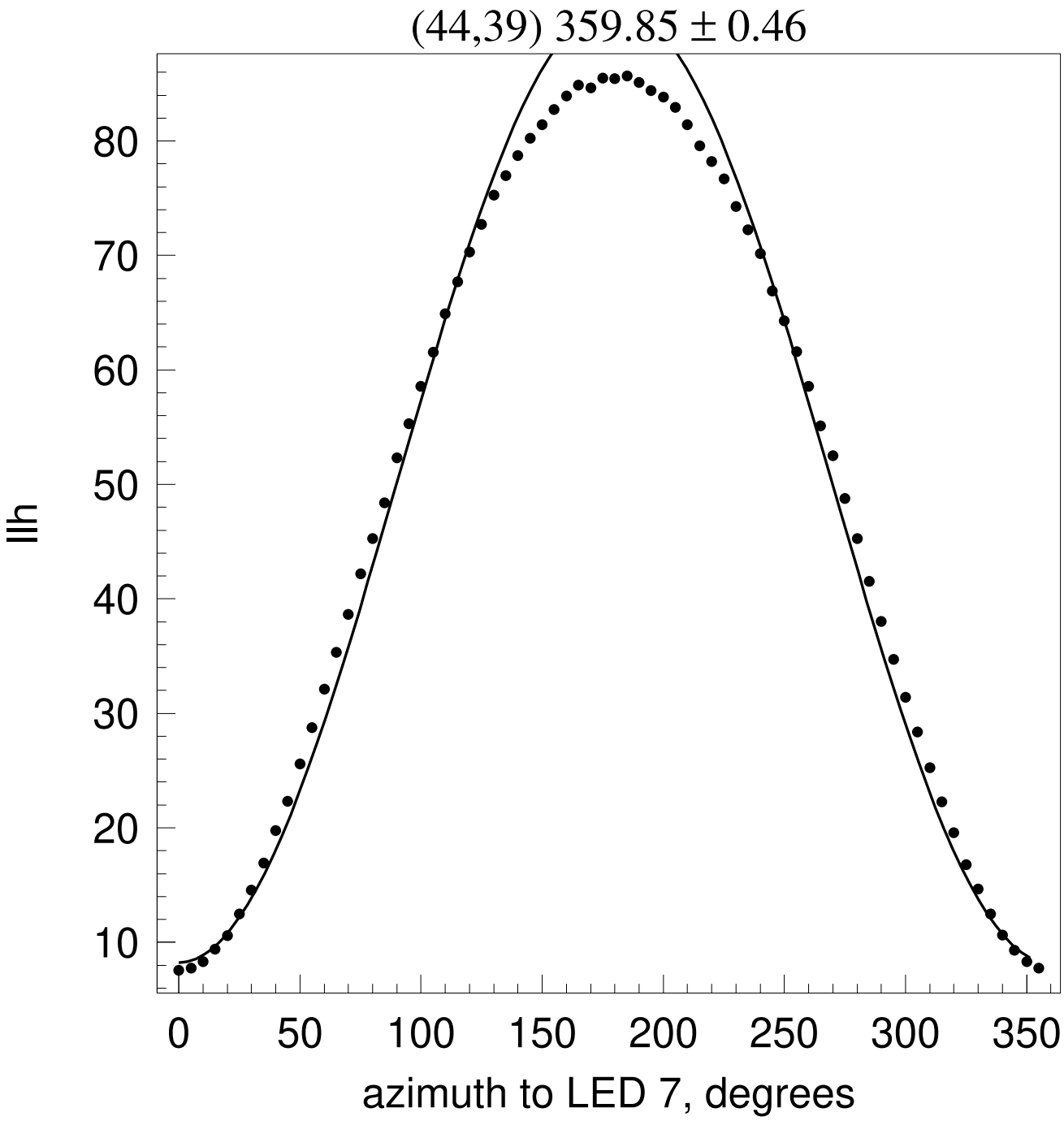

(44,34) 111.00 ± 0.42
40
38
36
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

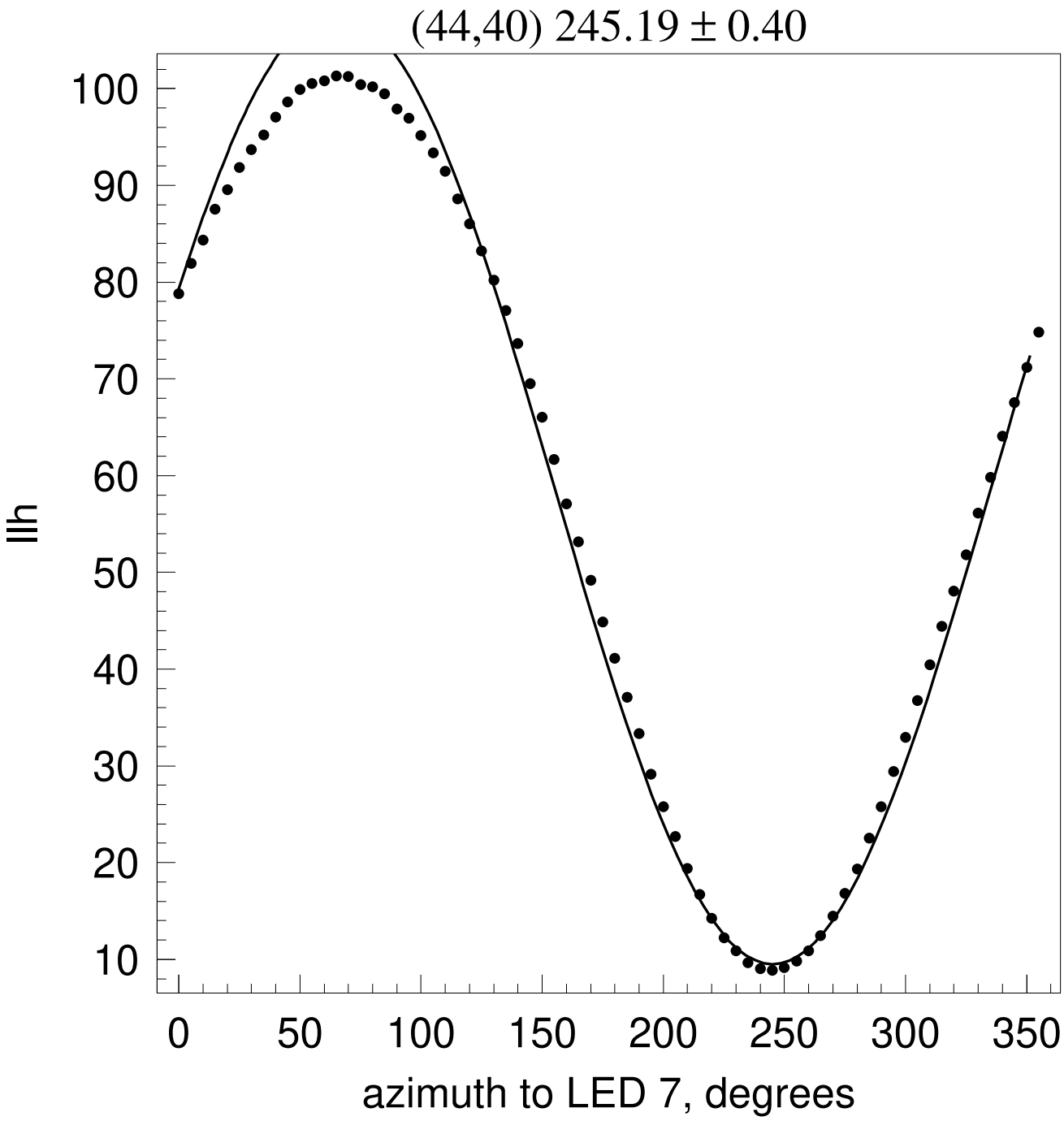

(44,35) 329.86 ± 5.85
26.75
26.5
26.25
26
25.75
25.5
25.25
25
24.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

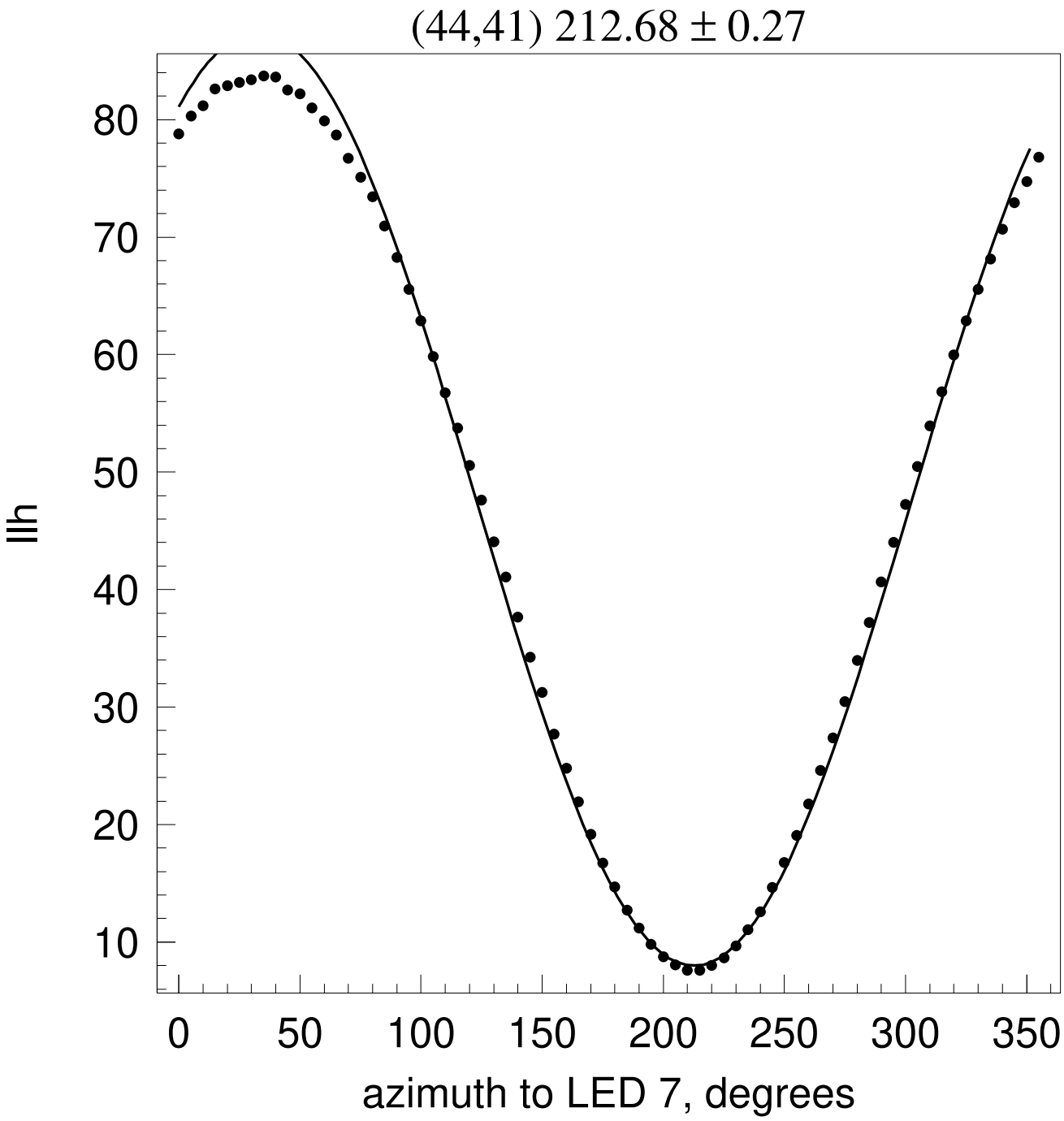

(44,36) 49.02 ± 25.43
31
30.75
30.5
30.25
30
29.75
29.5
29.25
29
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

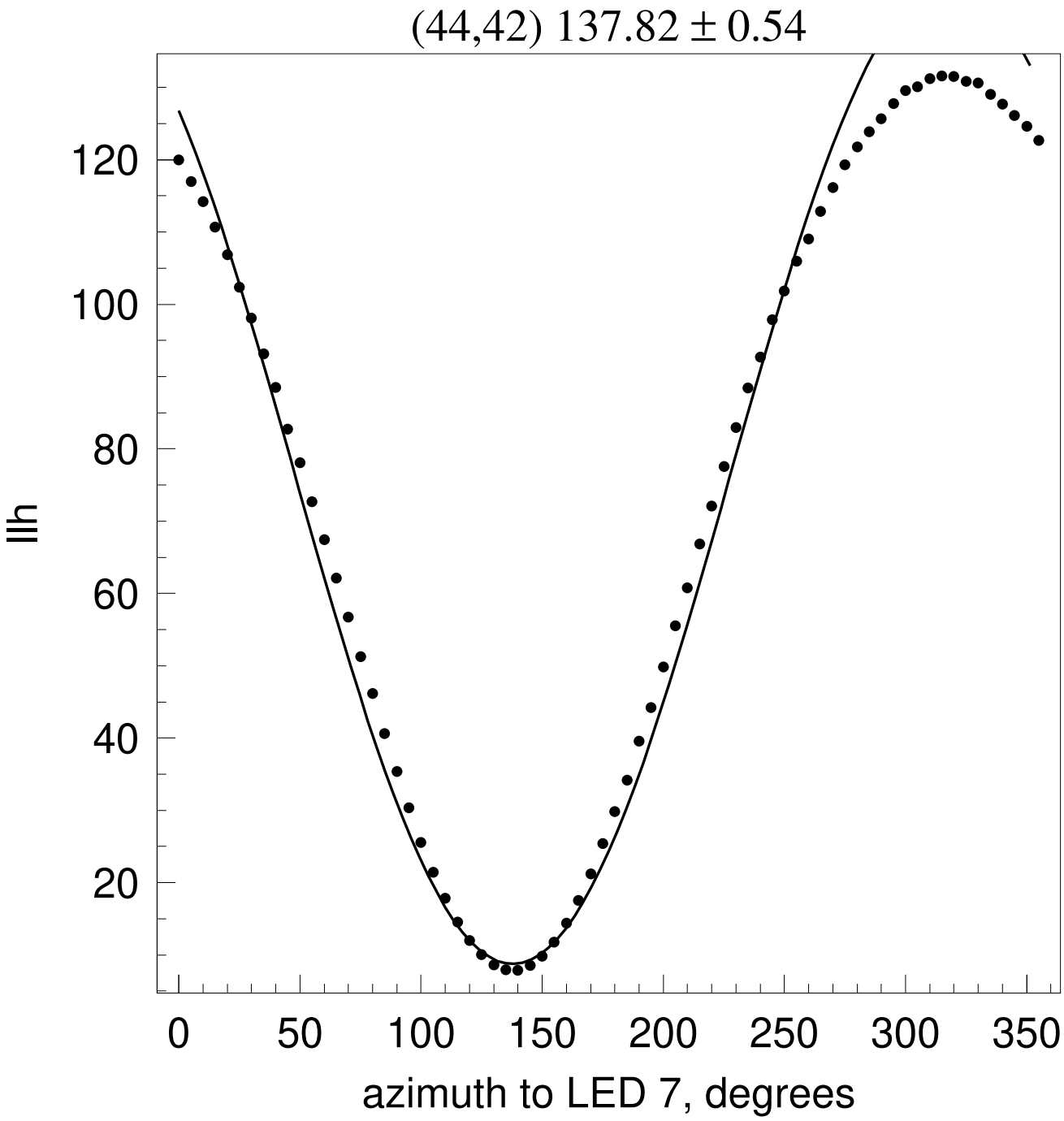

(44,37) 270.08 ± 0.82
llh
30
29
28
27
26
25
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

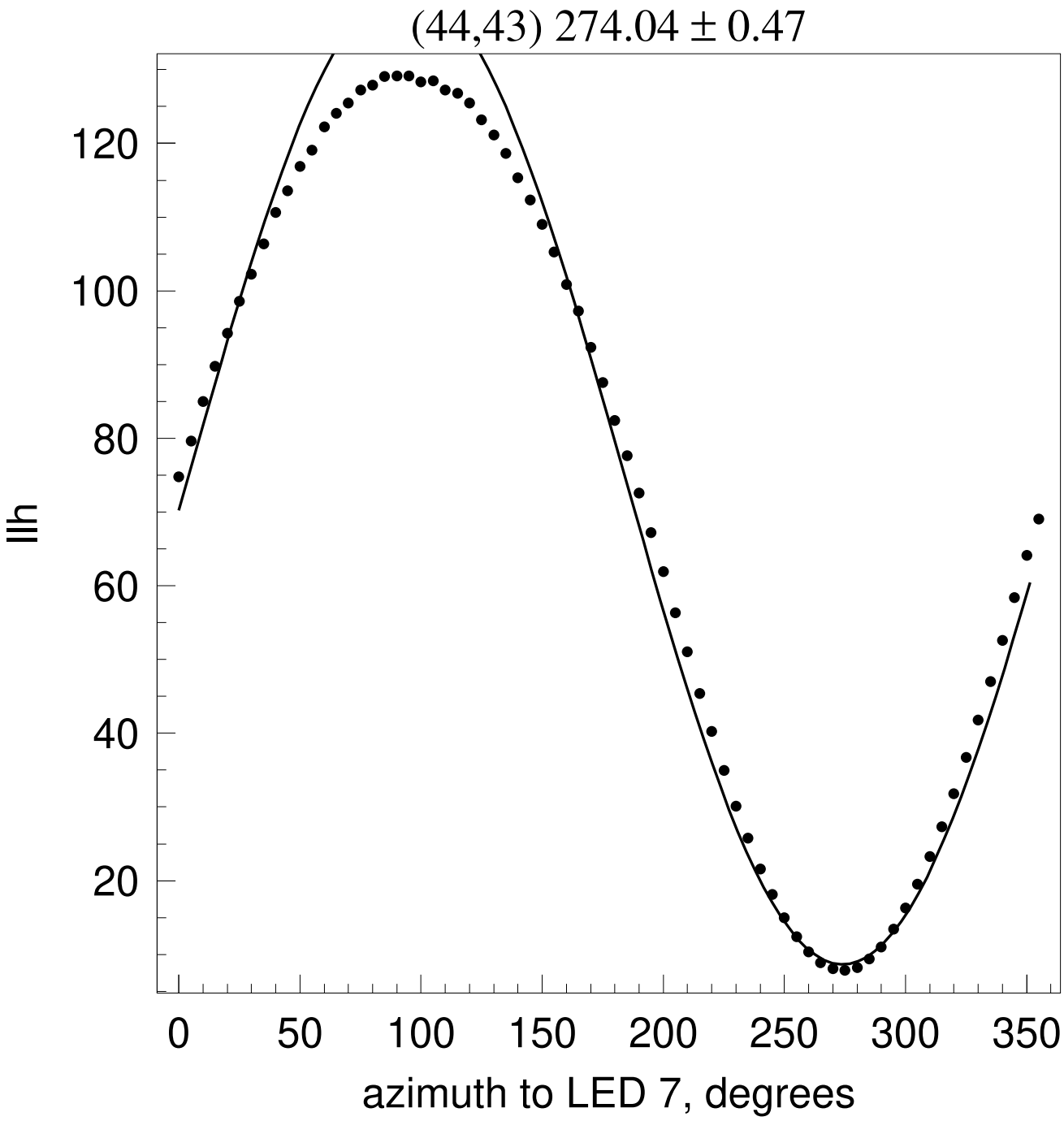

(44,38) 1.79 ± 0.27
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

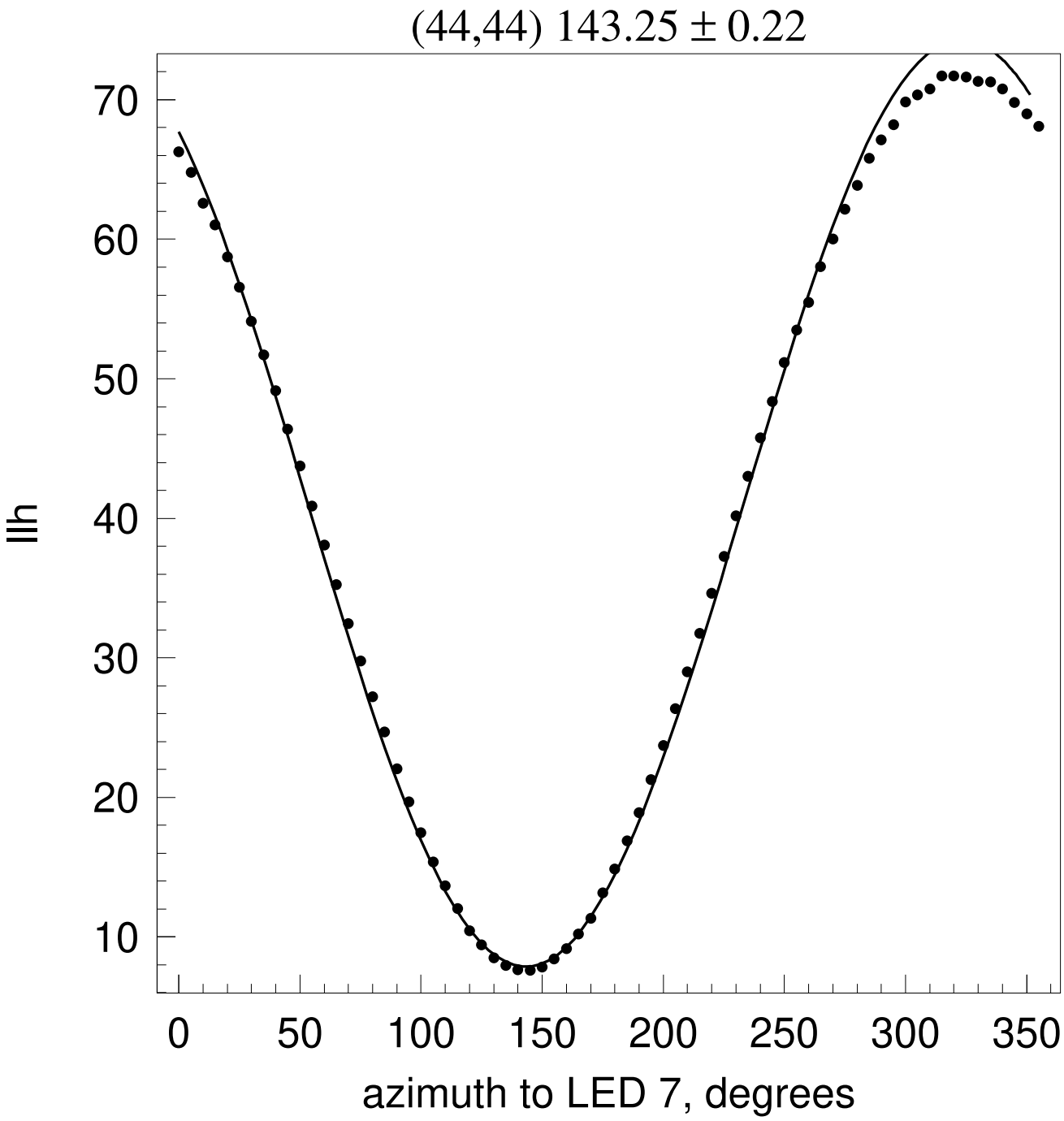

(44,39) 359.85 ± 0.46
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

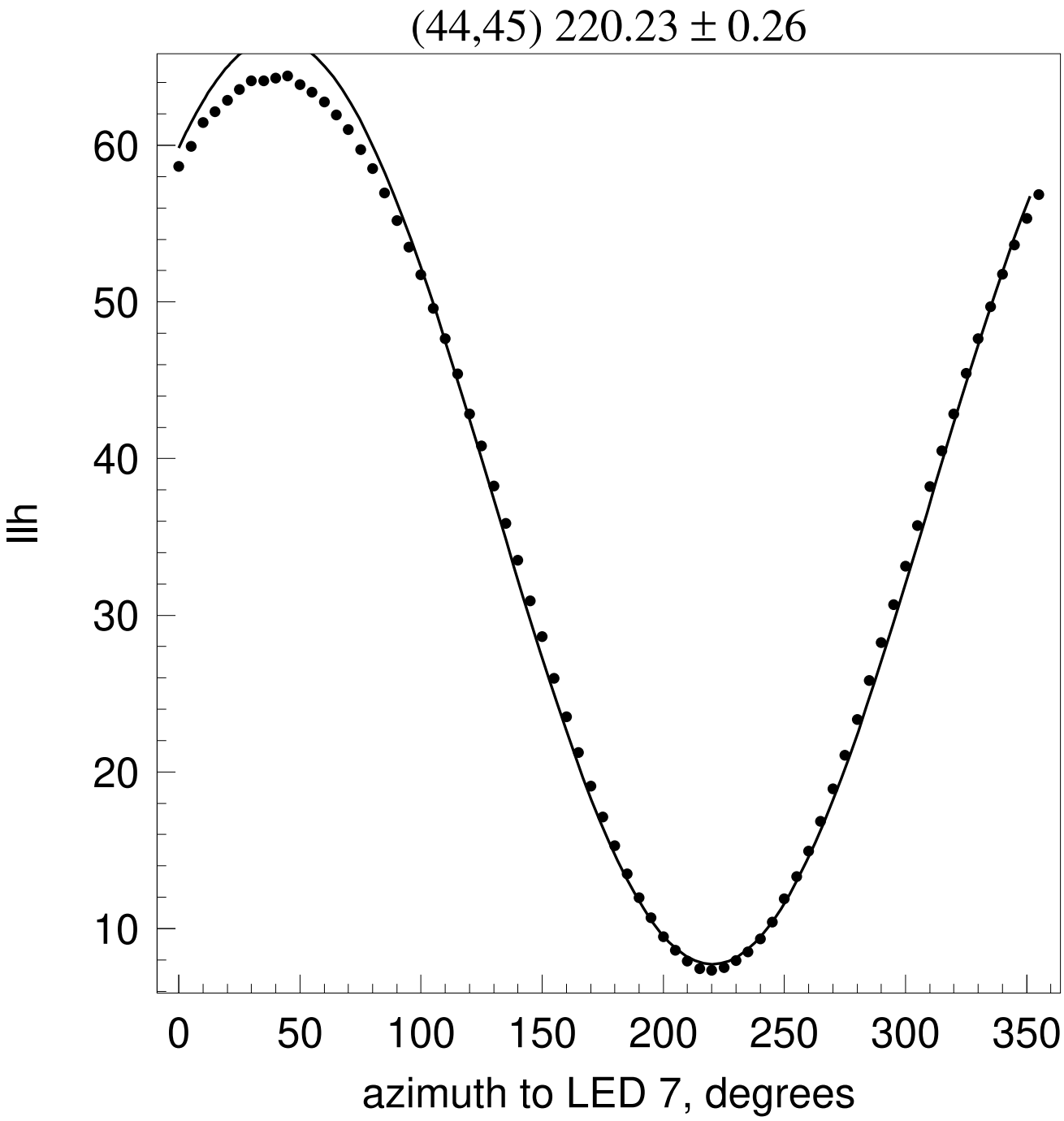

(44,40) 245.19 ± 0.40
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

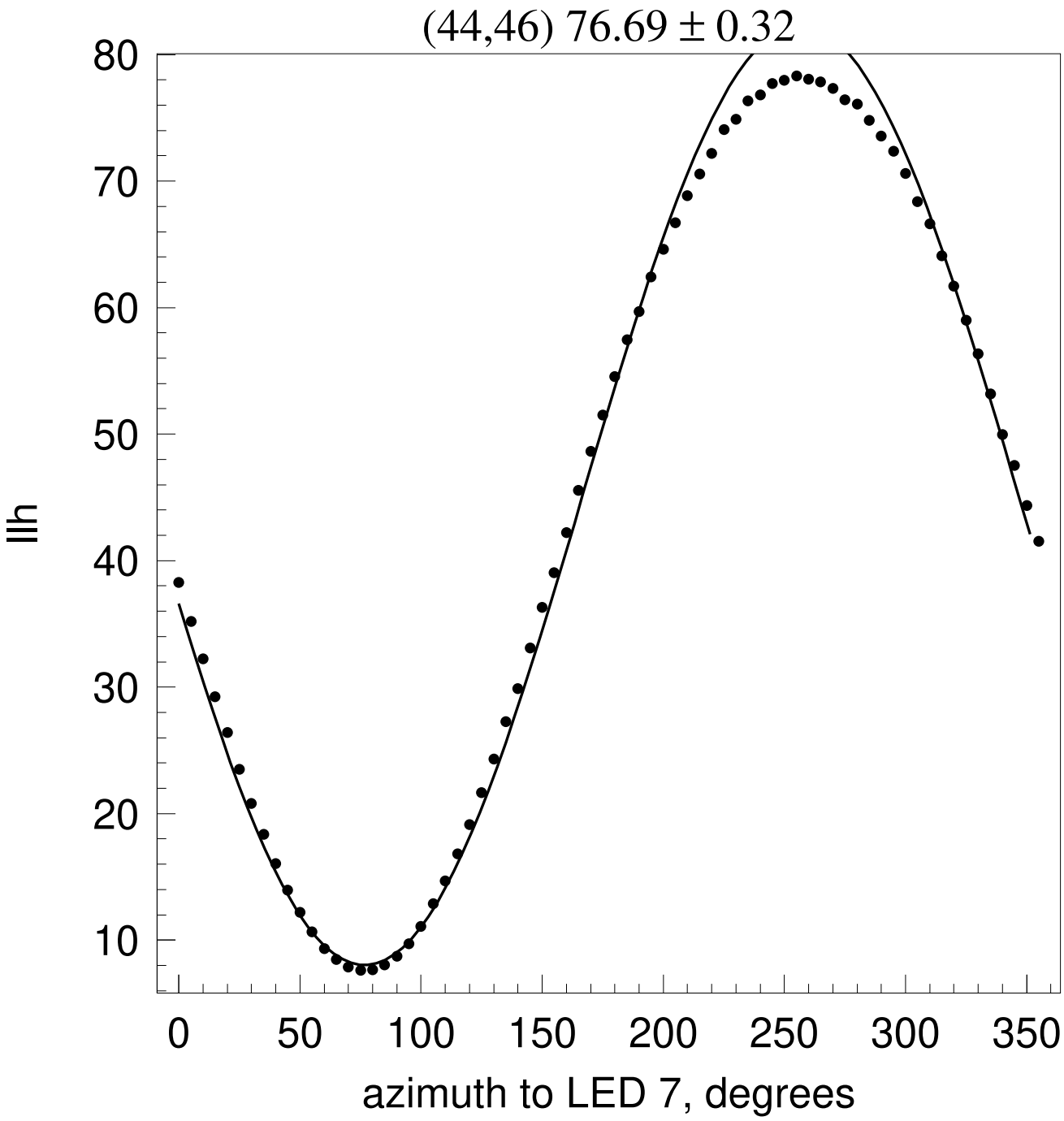

(44,41) 212.68 ± 0.27
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

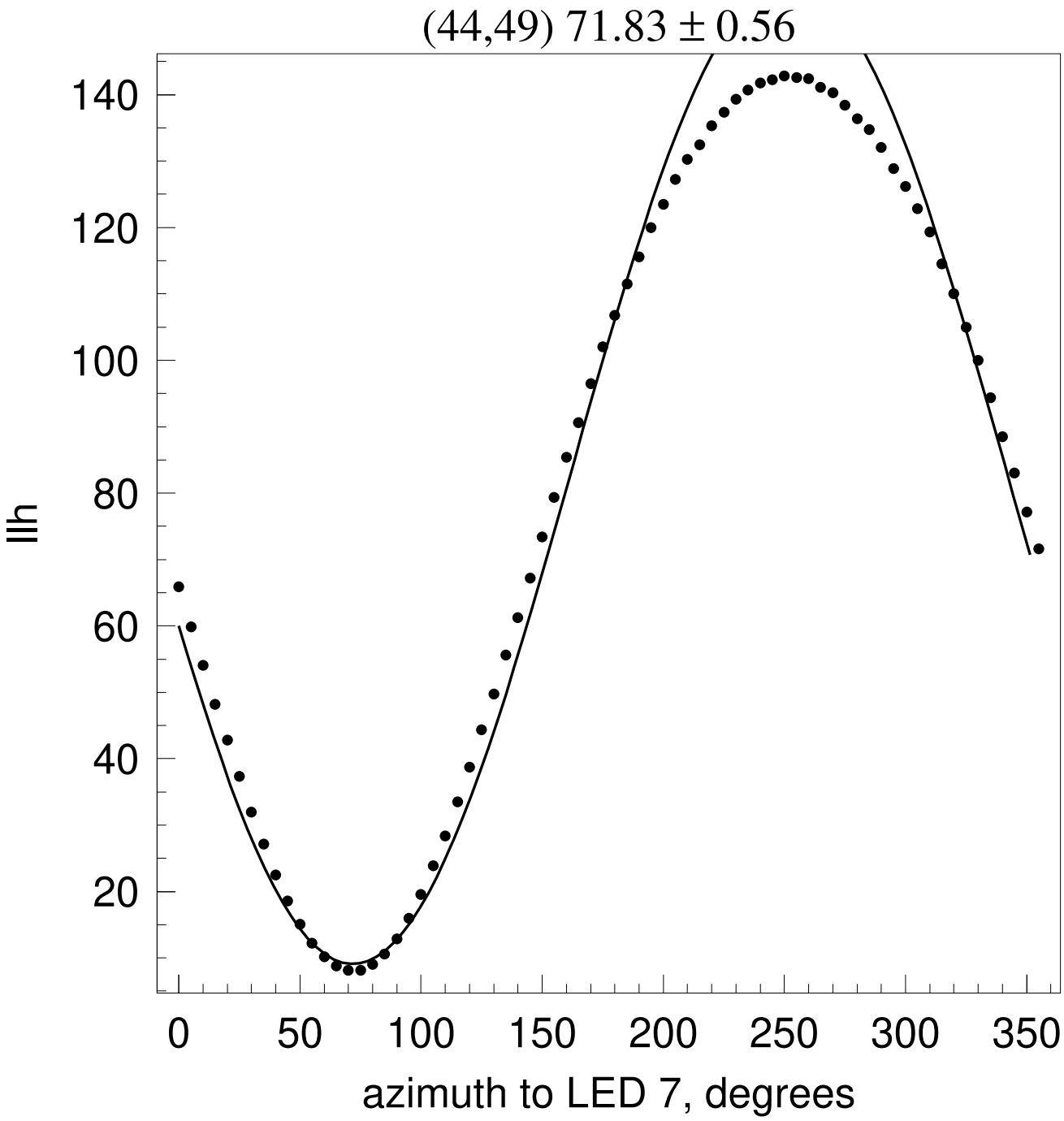

(44,42) 137.82 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

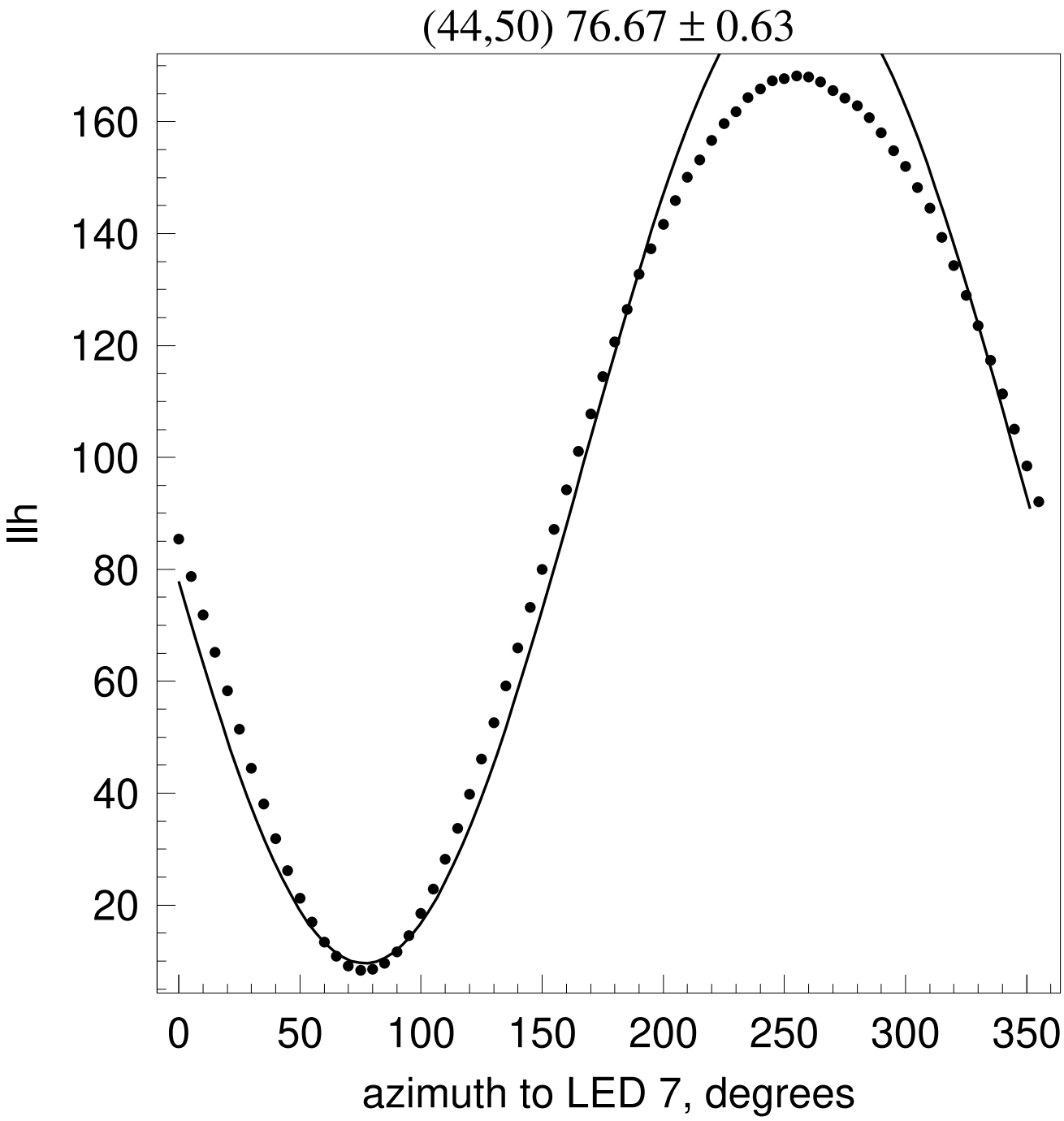

(44,43) 274.04 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

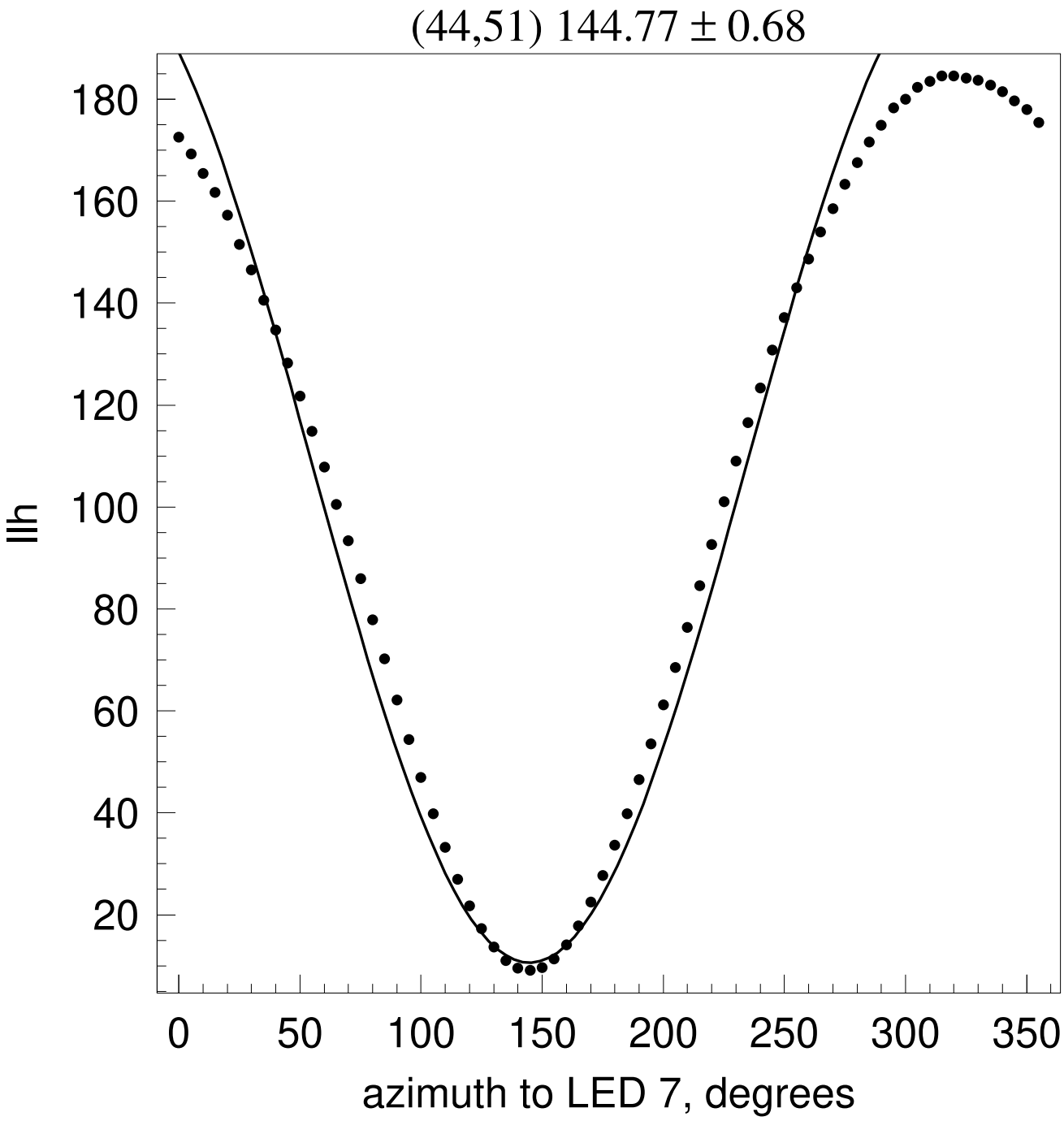

(44,44) 143.25 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

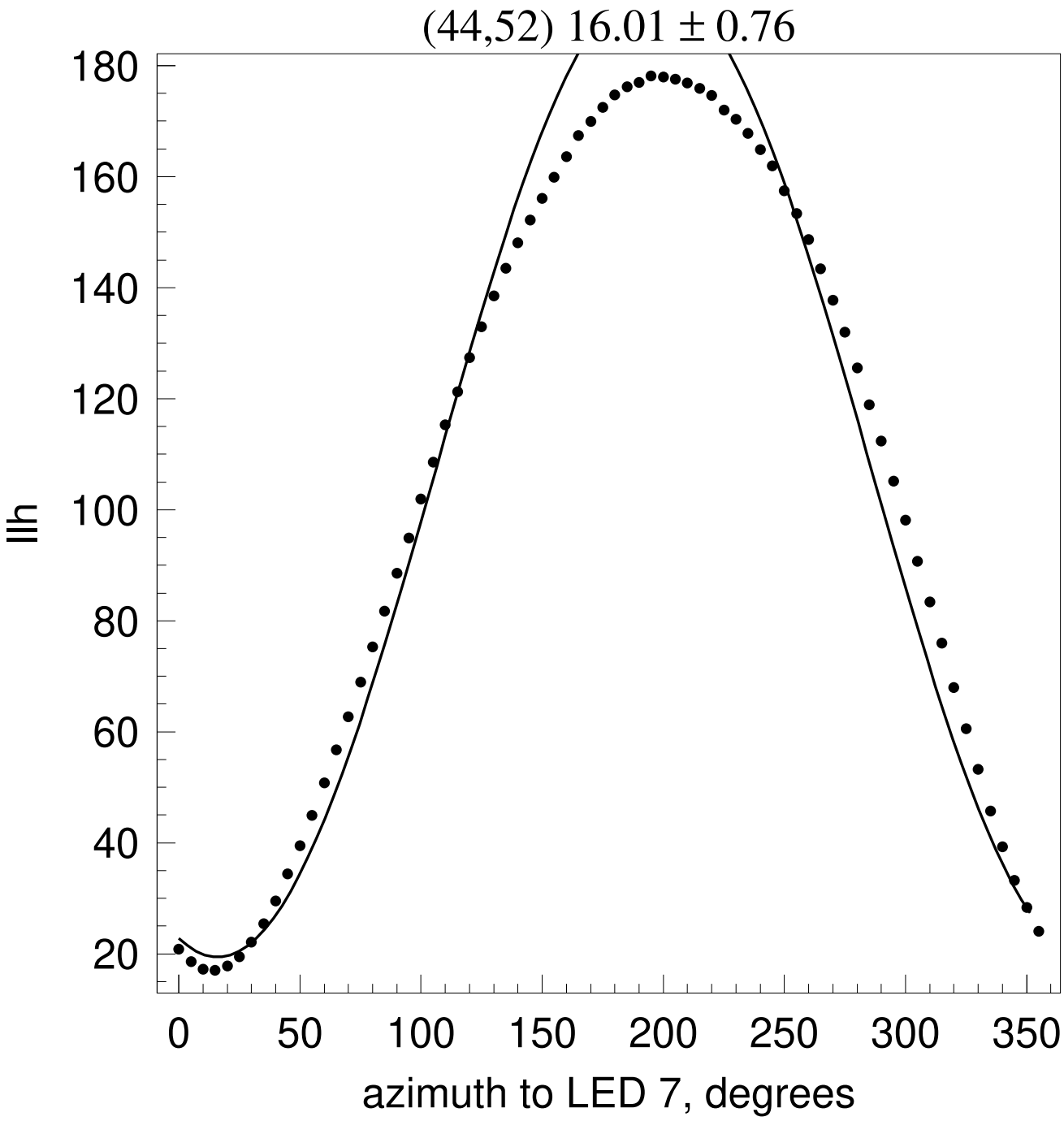

(44,45) 220.23 ± 0.26
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

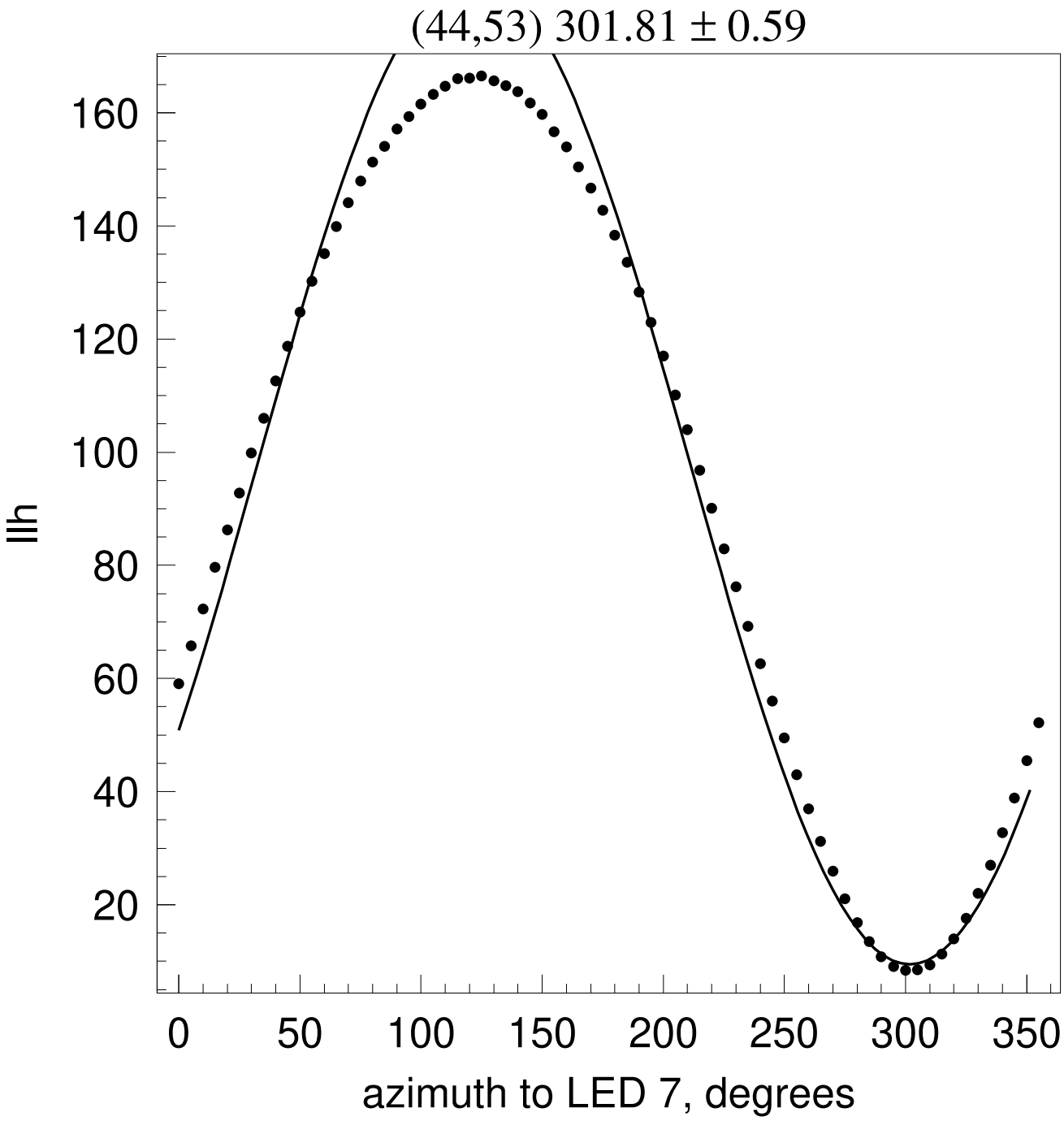

(44,46) 76.69 ± 0.32
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

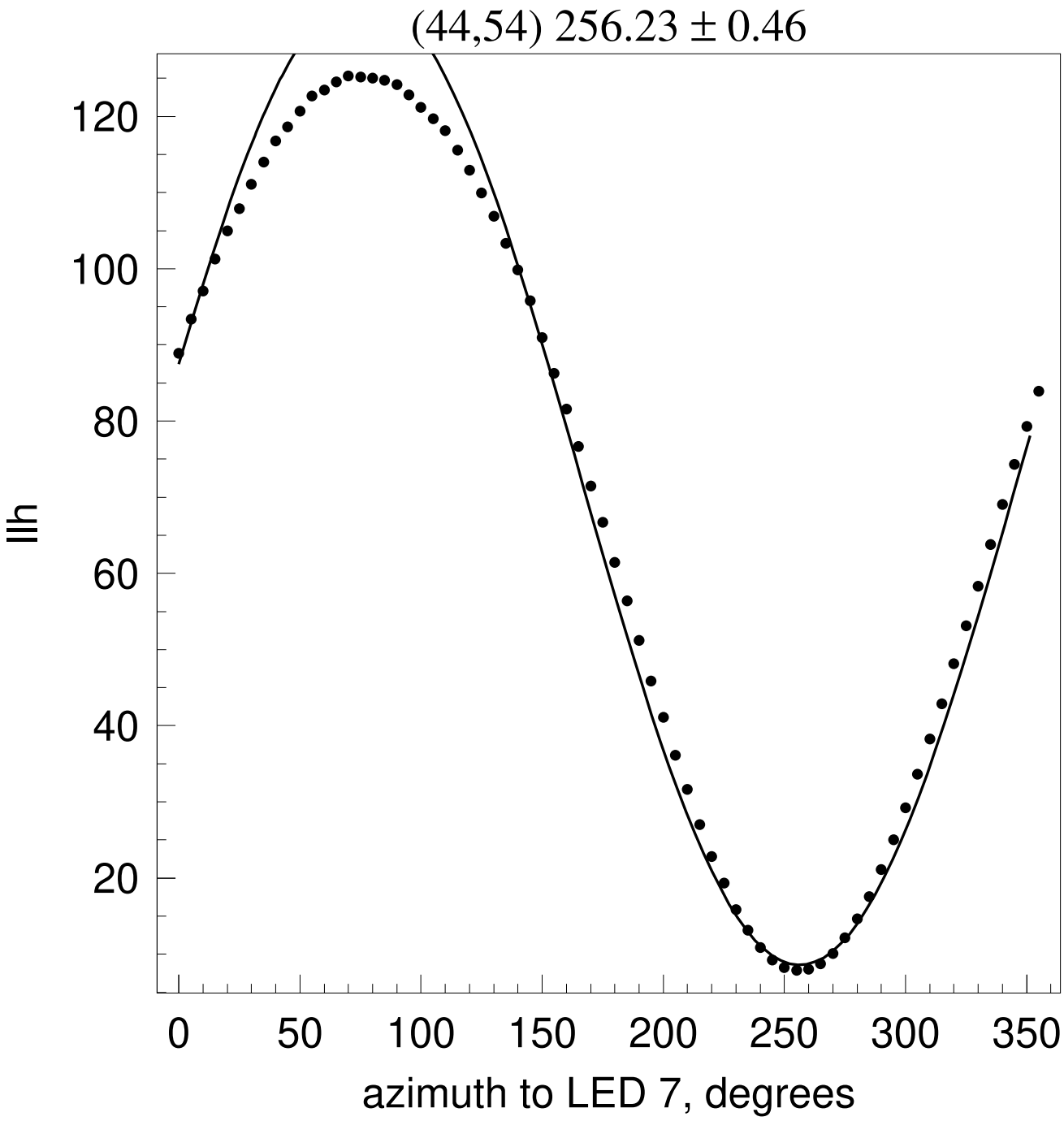

(44,49) 71.83 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

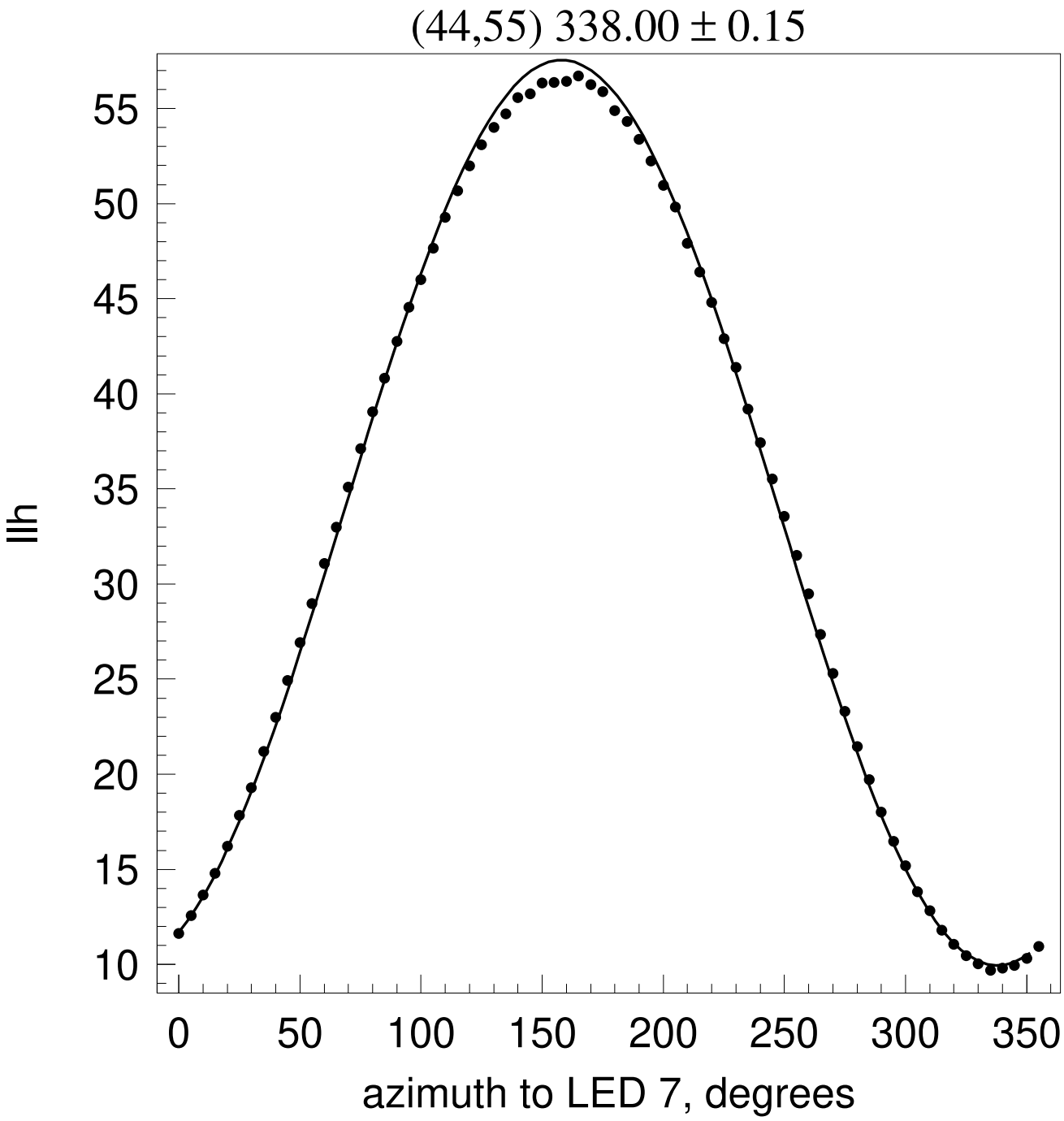

(44,50) 76.67 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

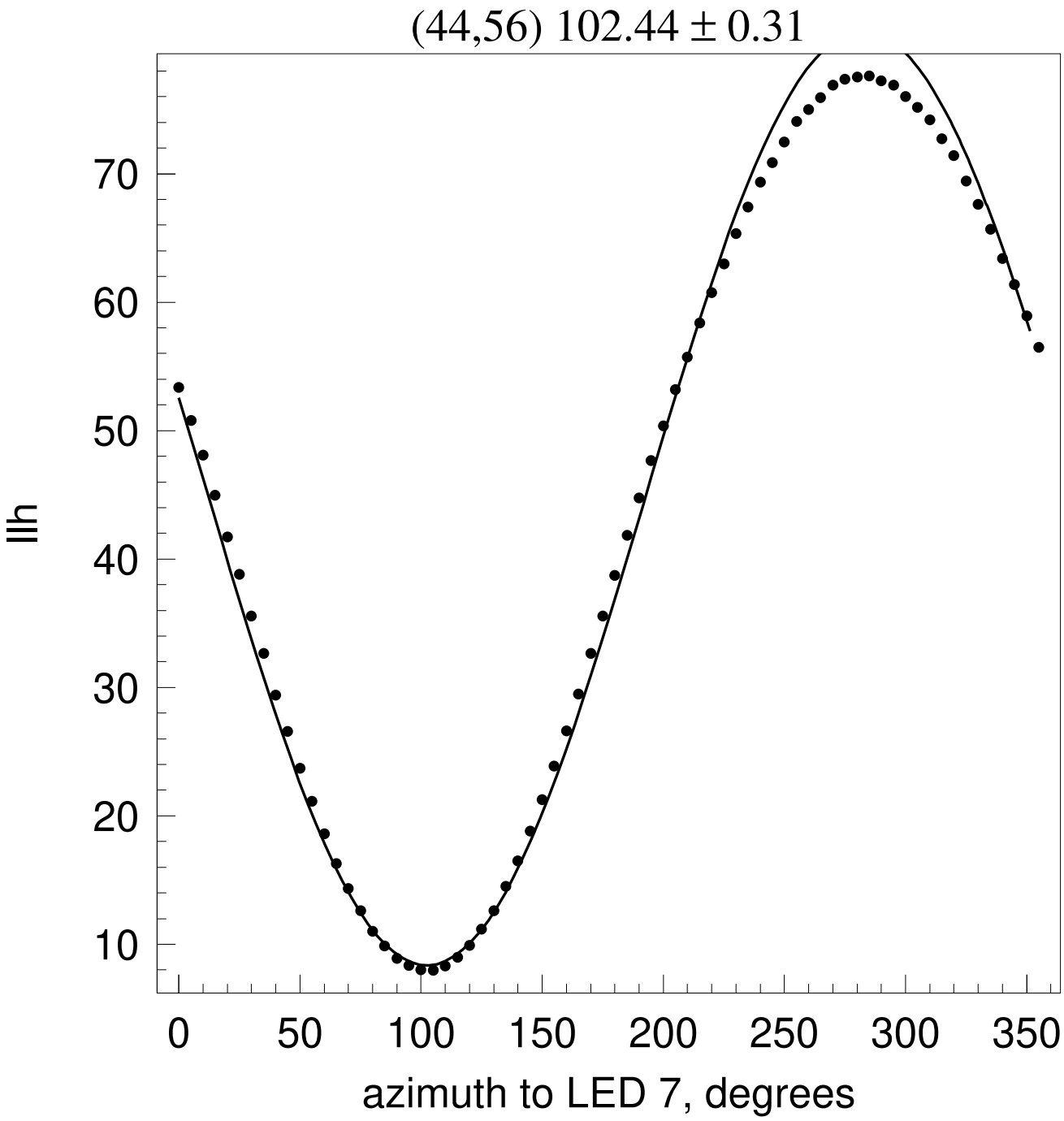

(44,51) 144.77 ± 0.68
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

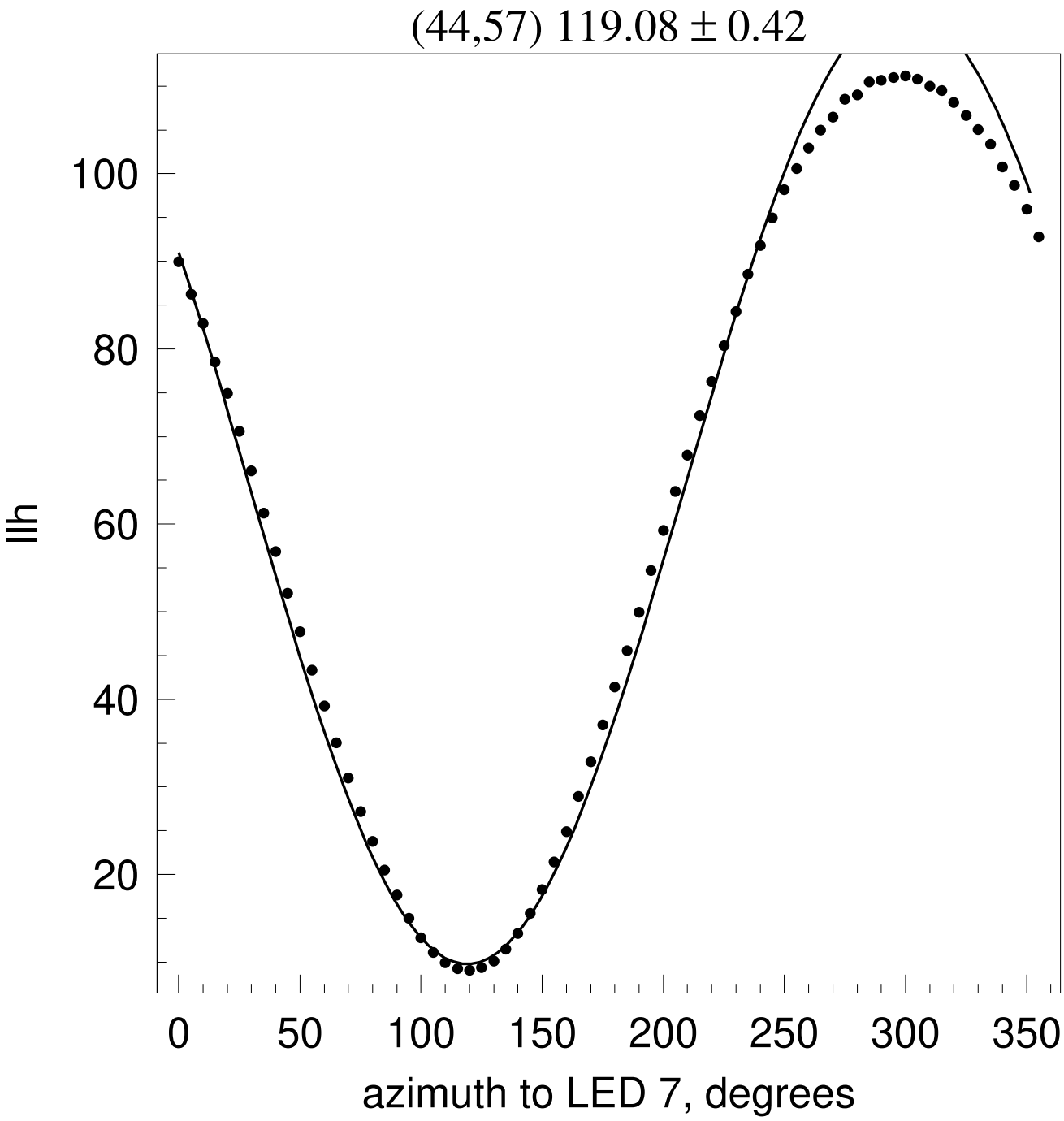

(44,52) 16.01 ± 0.76
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

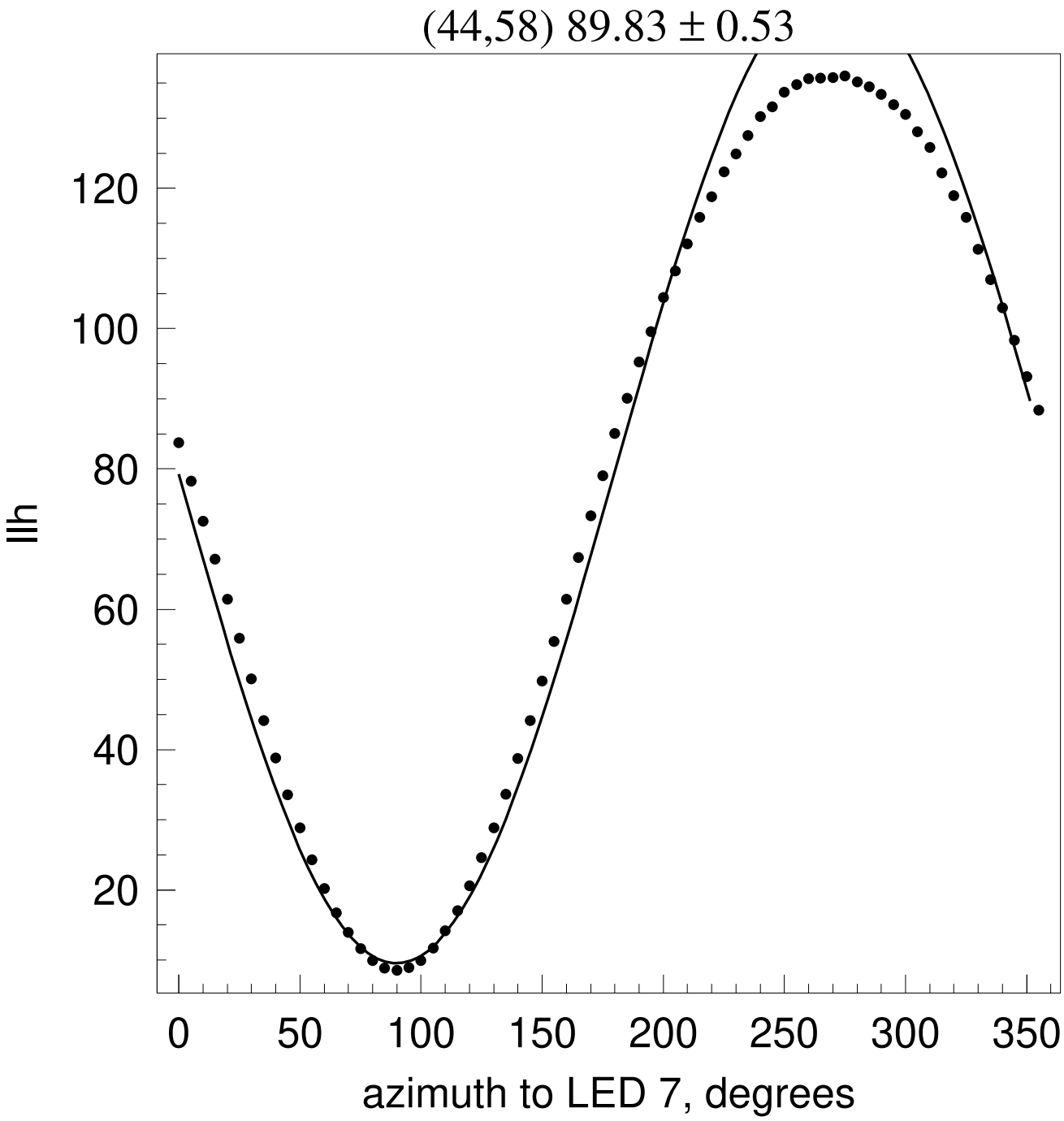

(44,53) 301.81 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

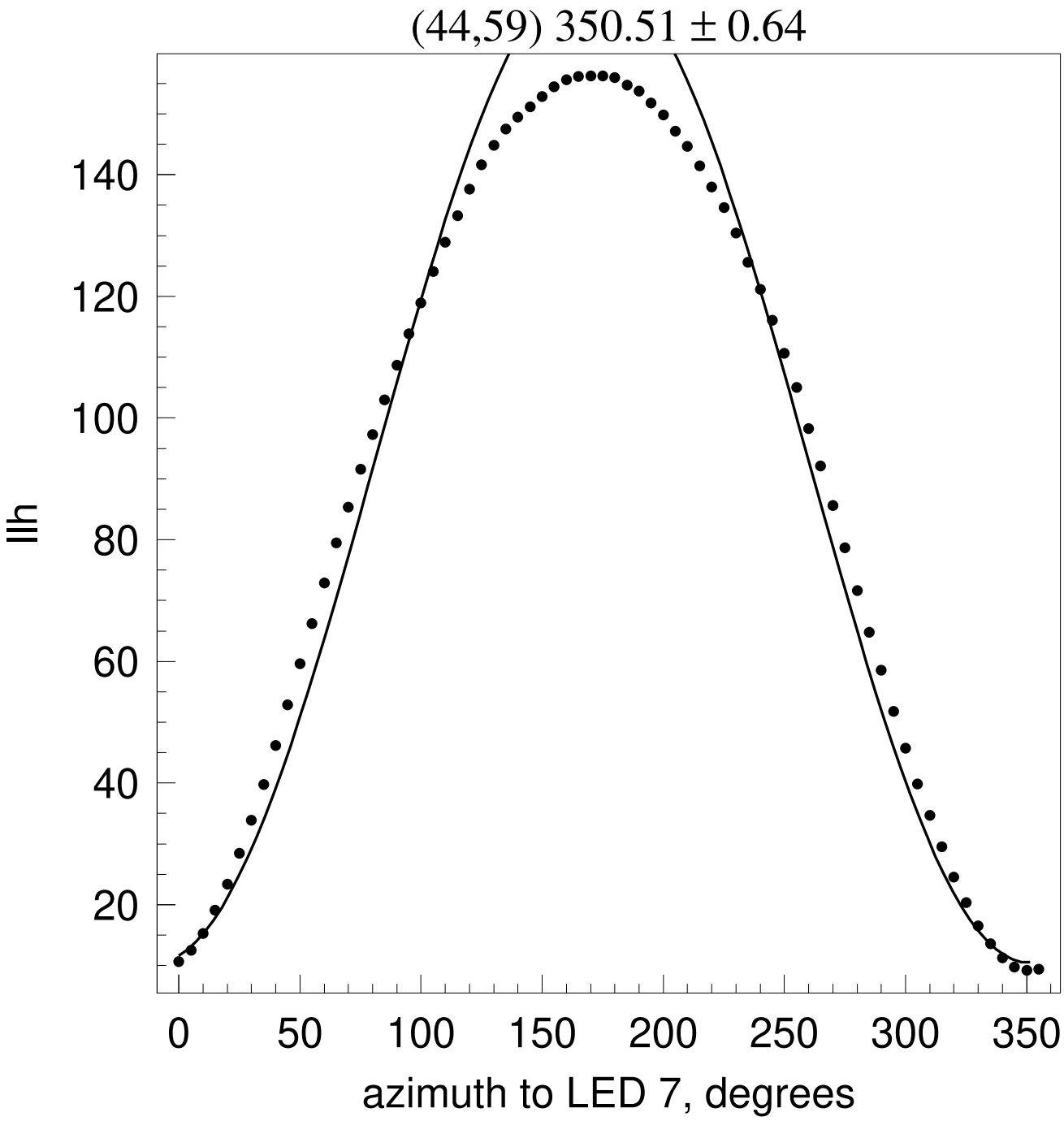

(44,54) 256.23 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

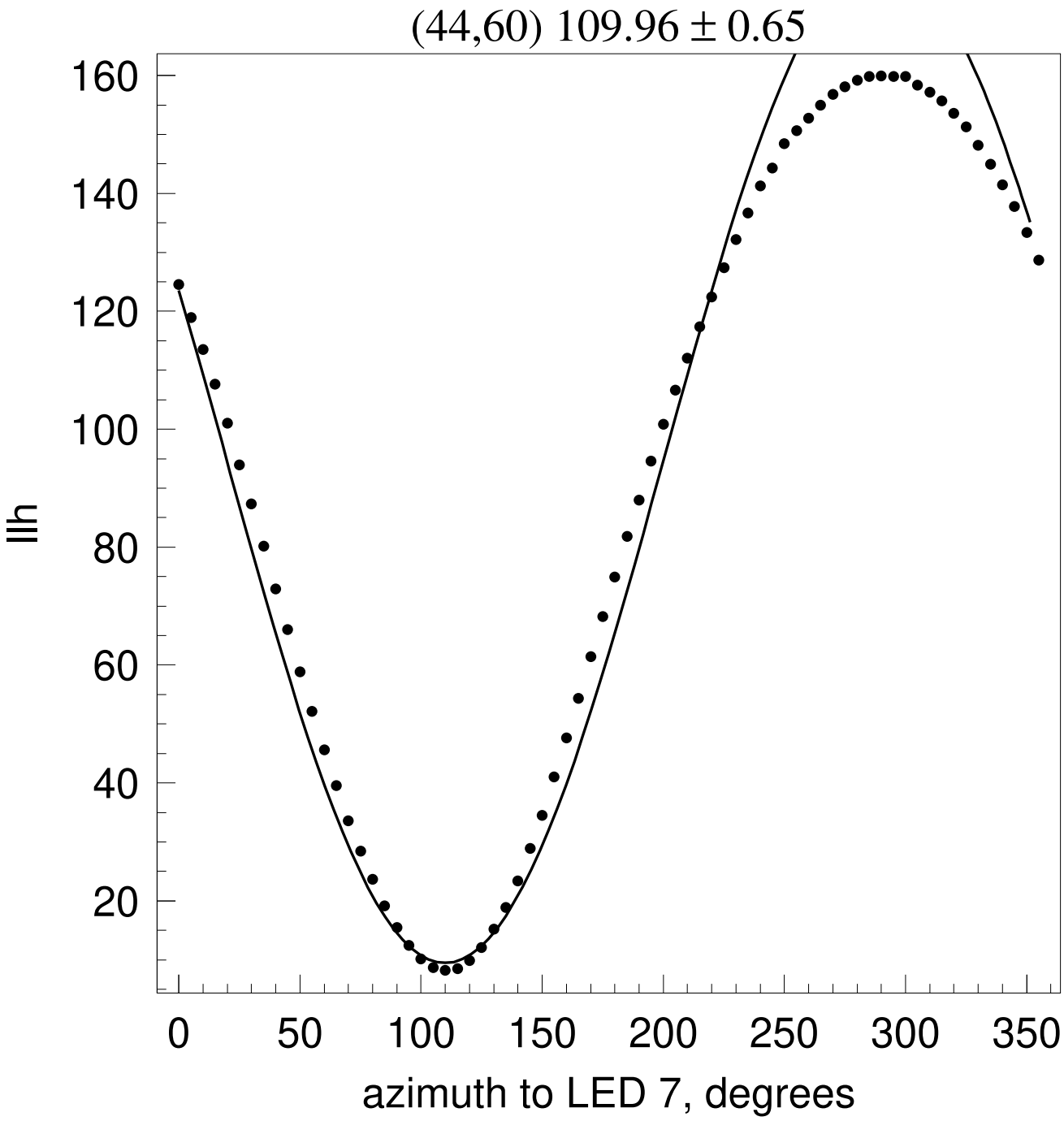

(44,55) 338.00 ± 0.15
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

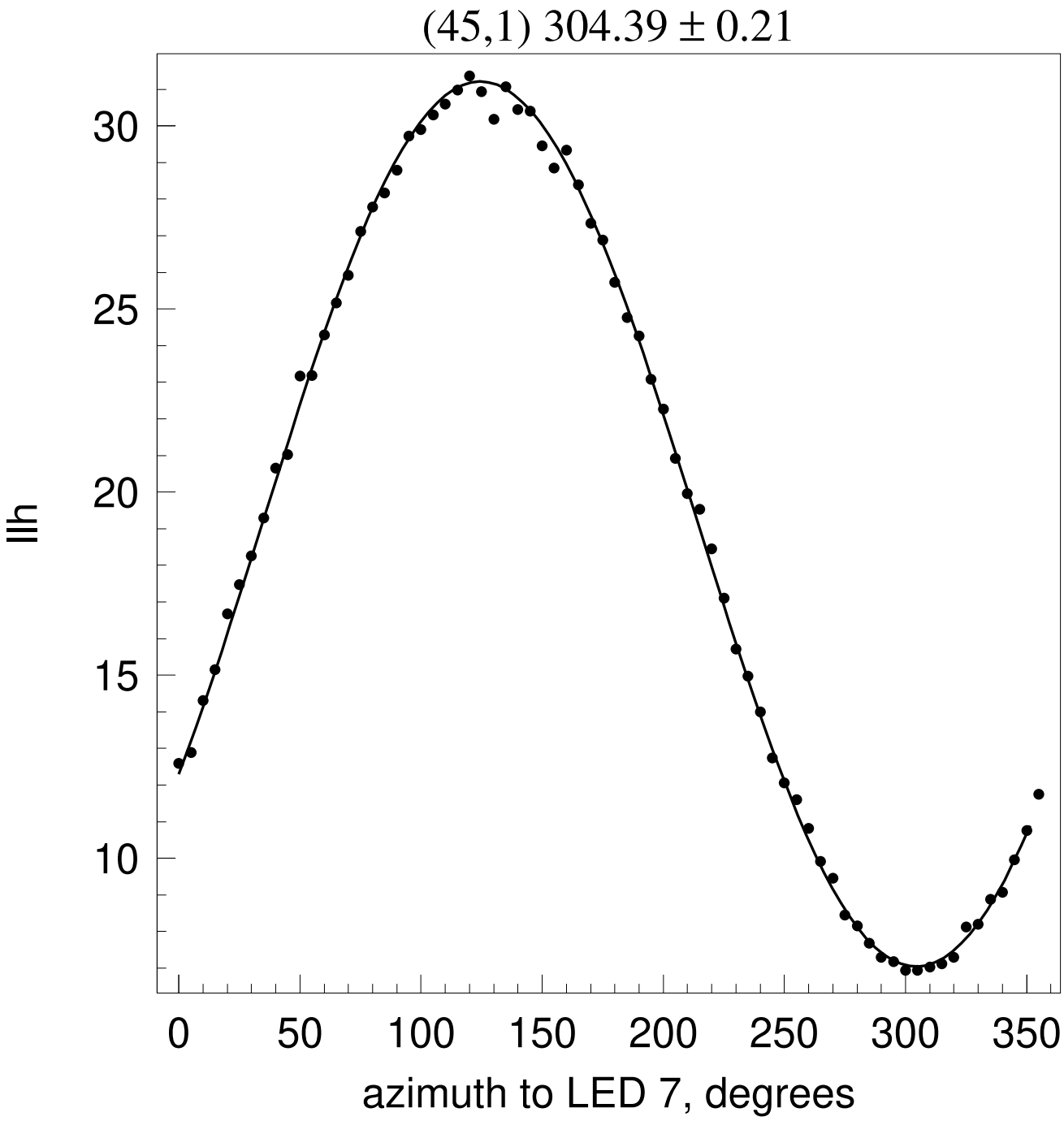

(44,56) 102.44 ± 0.31
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

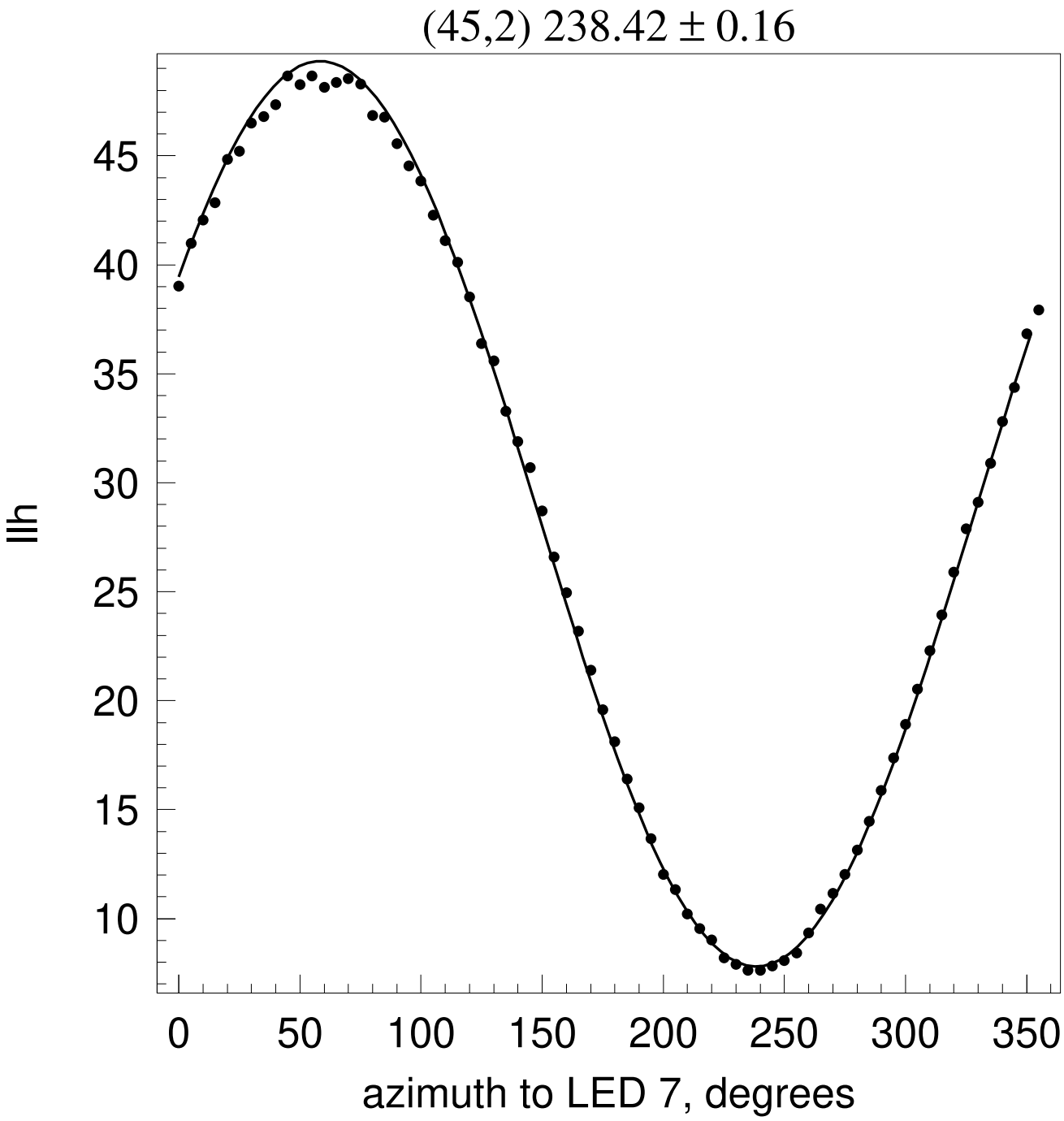

(44,57) 119.08 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

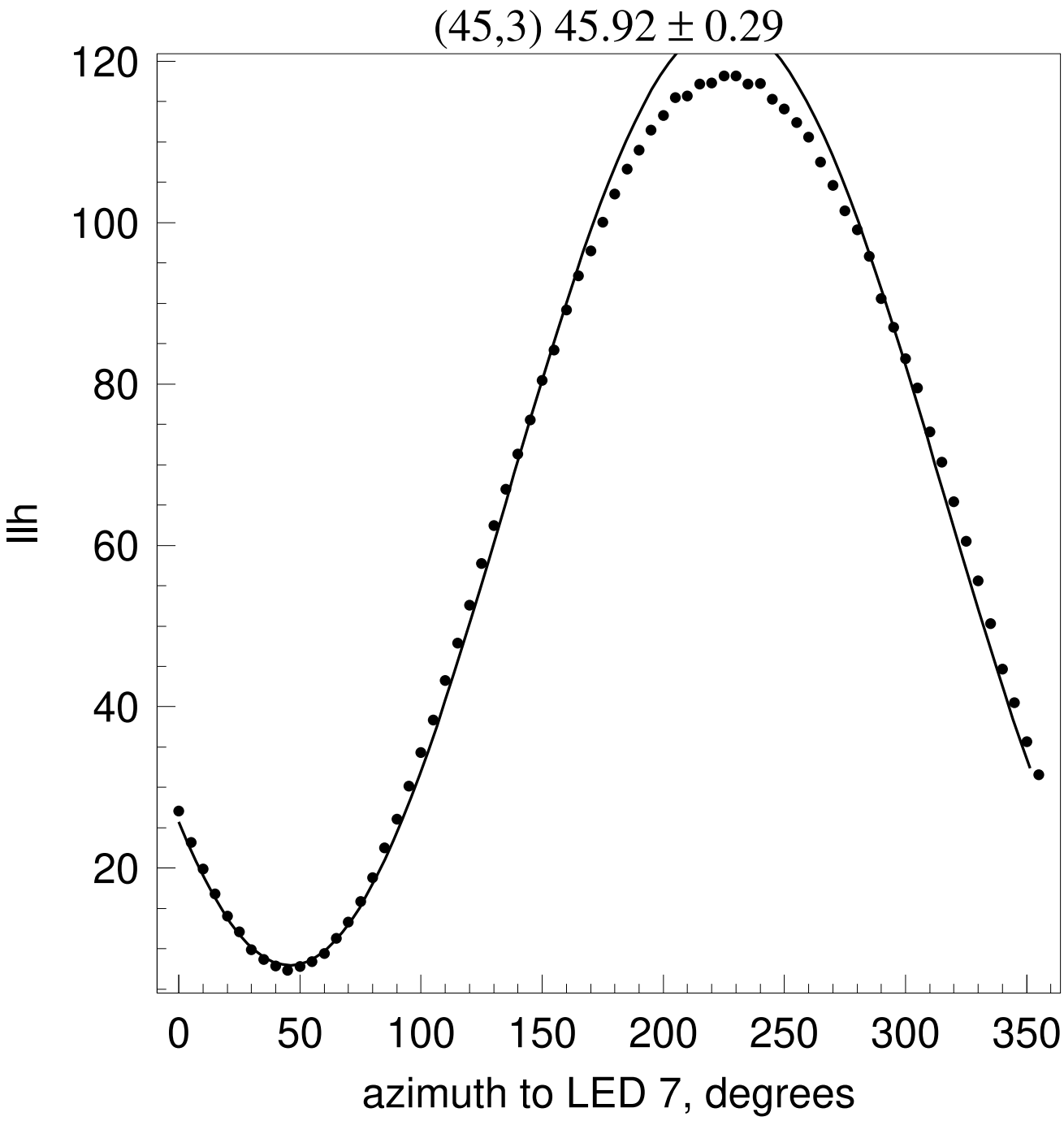

(44,58) 89.83 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

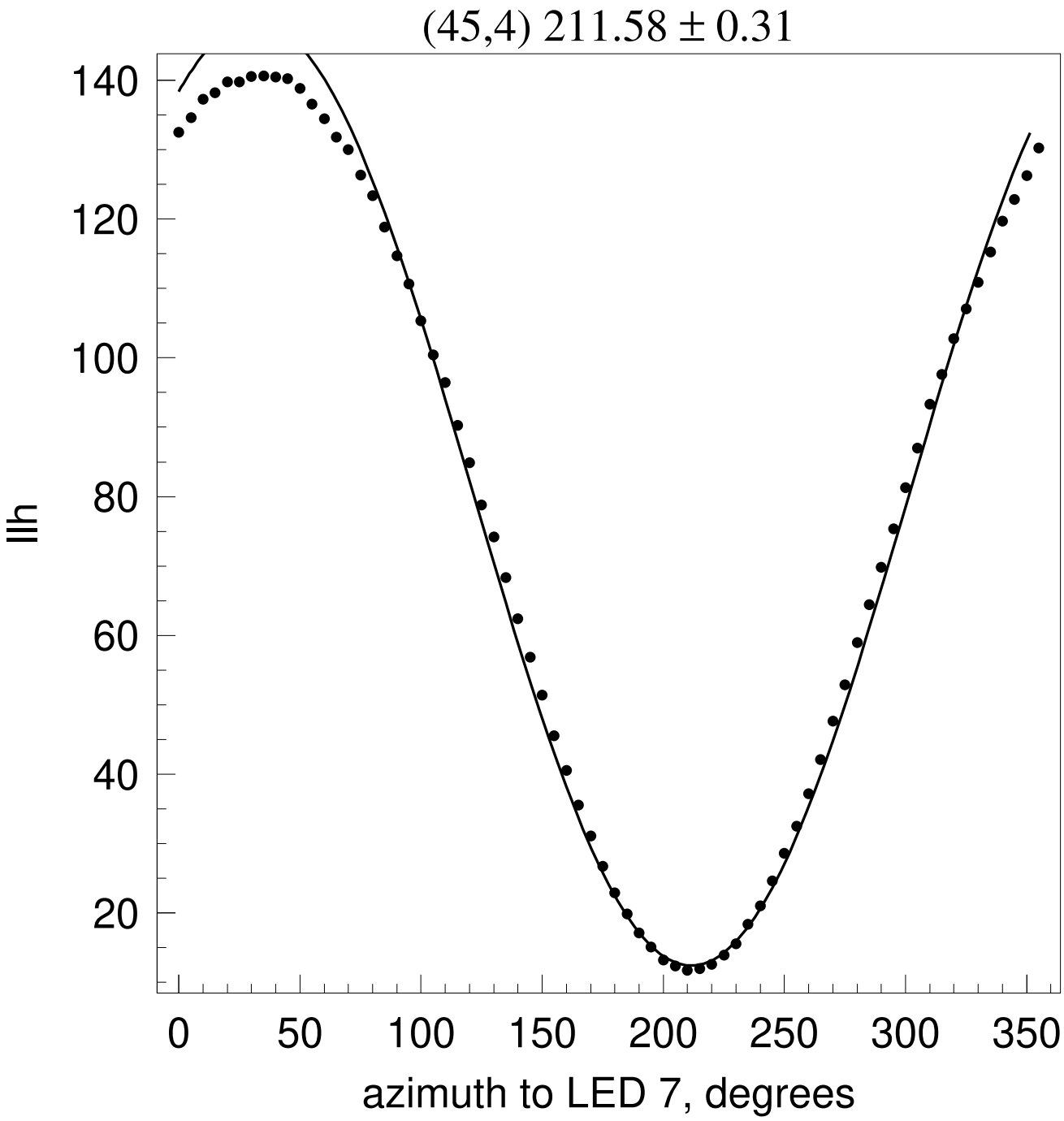

(44,59) 350.51 ± 0.64
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

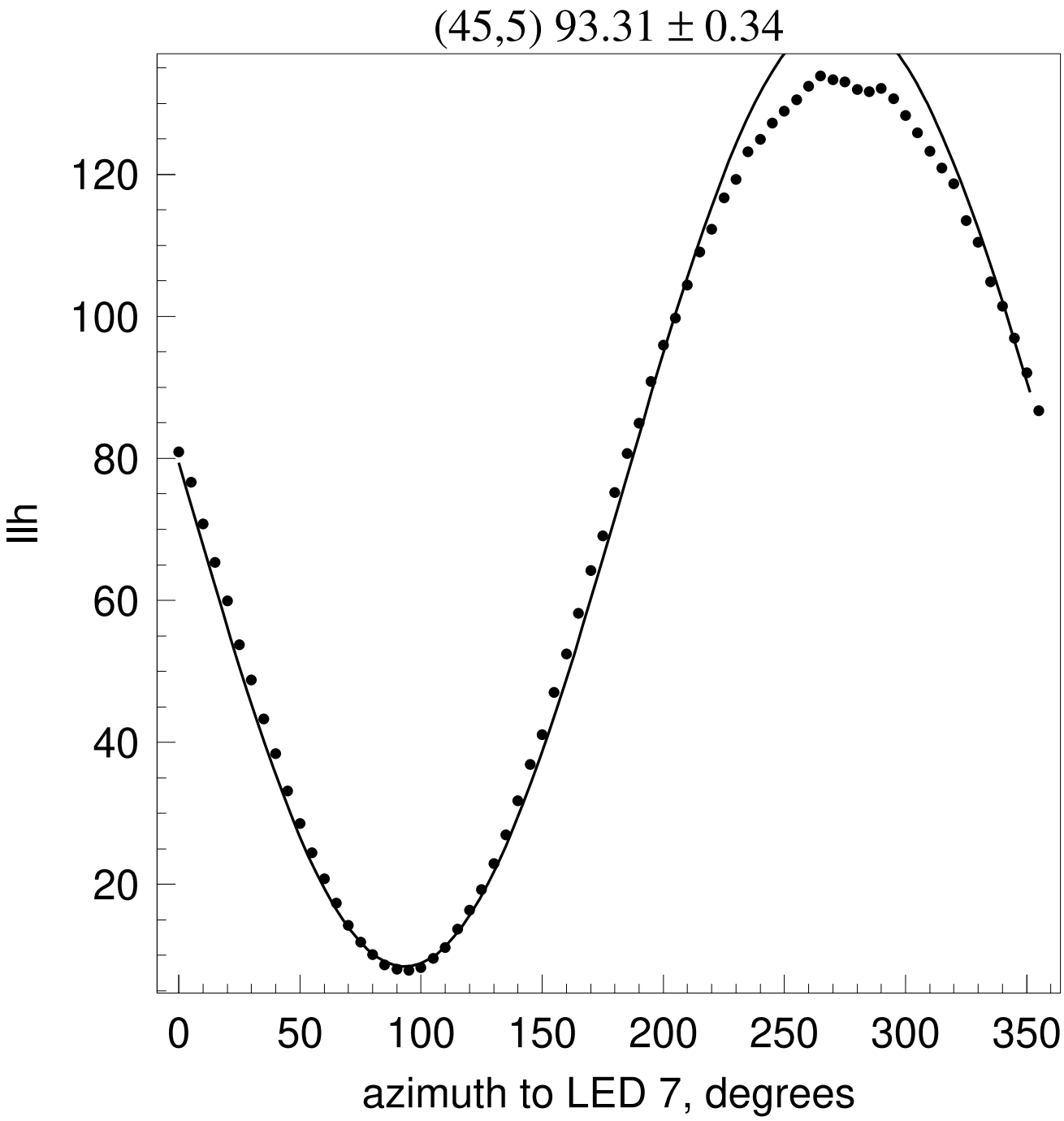

(44,60) 109.96 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

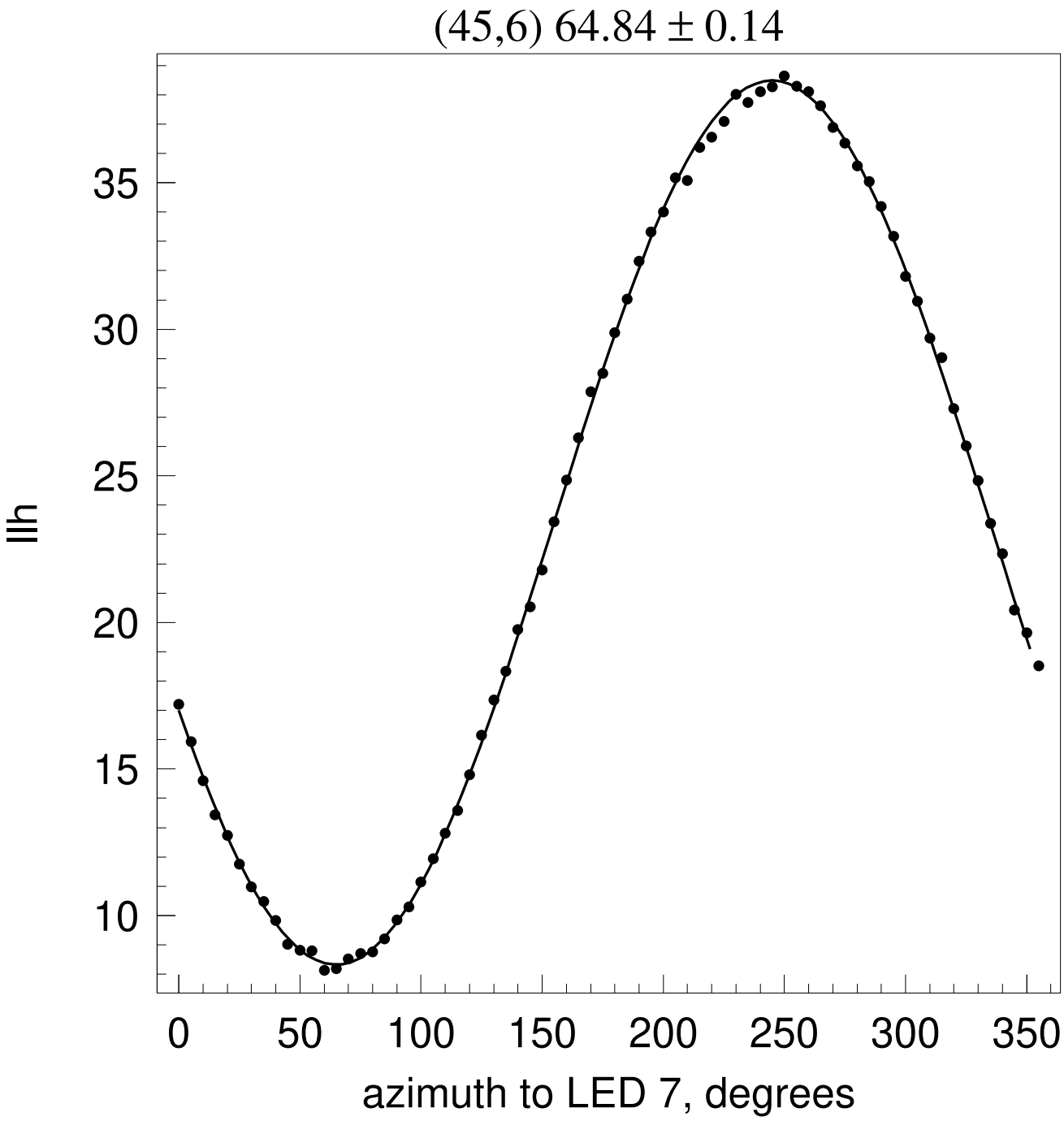

(45,1) 304.39 ± 0.21
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

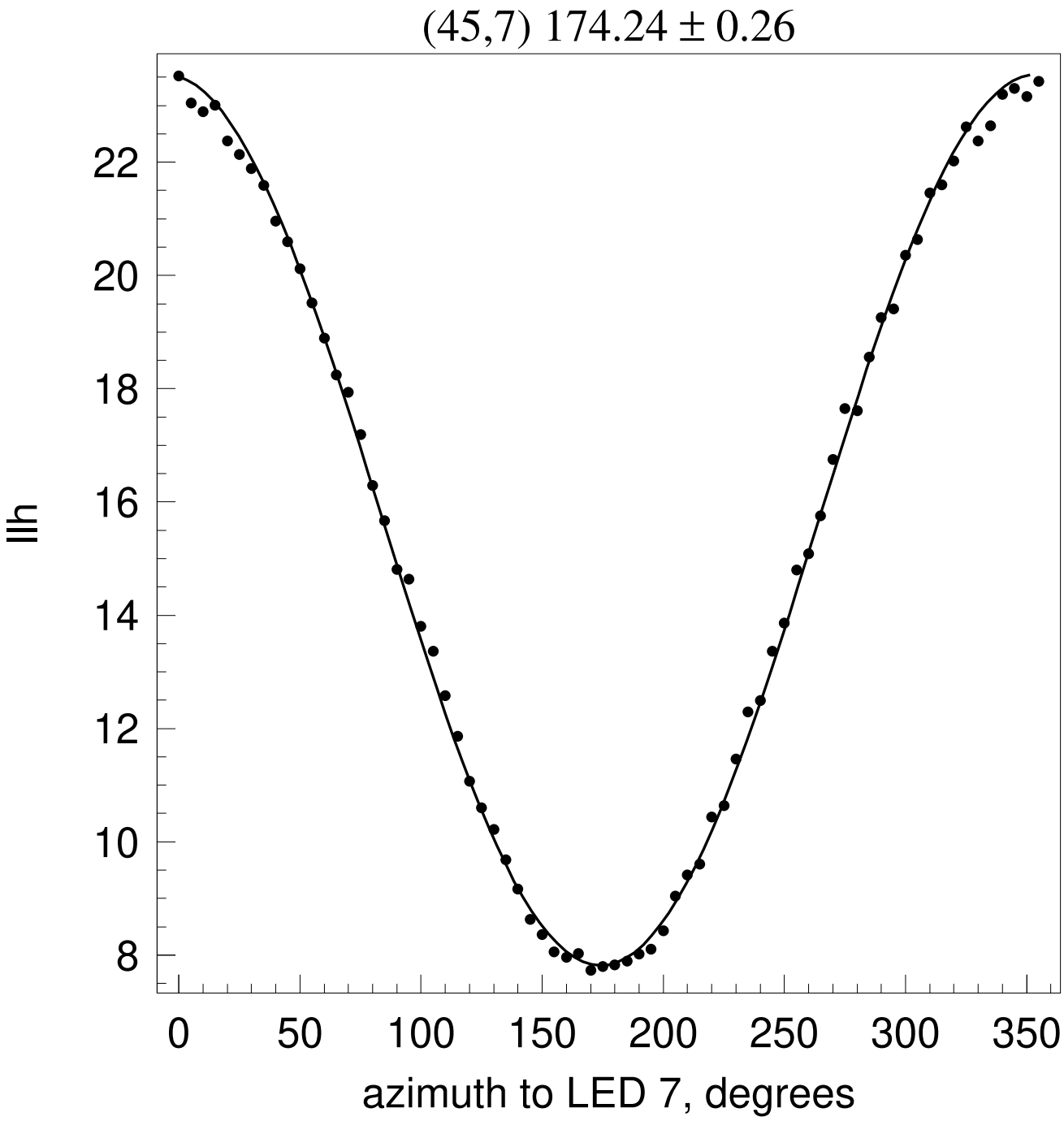

(45,2) 238.42 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

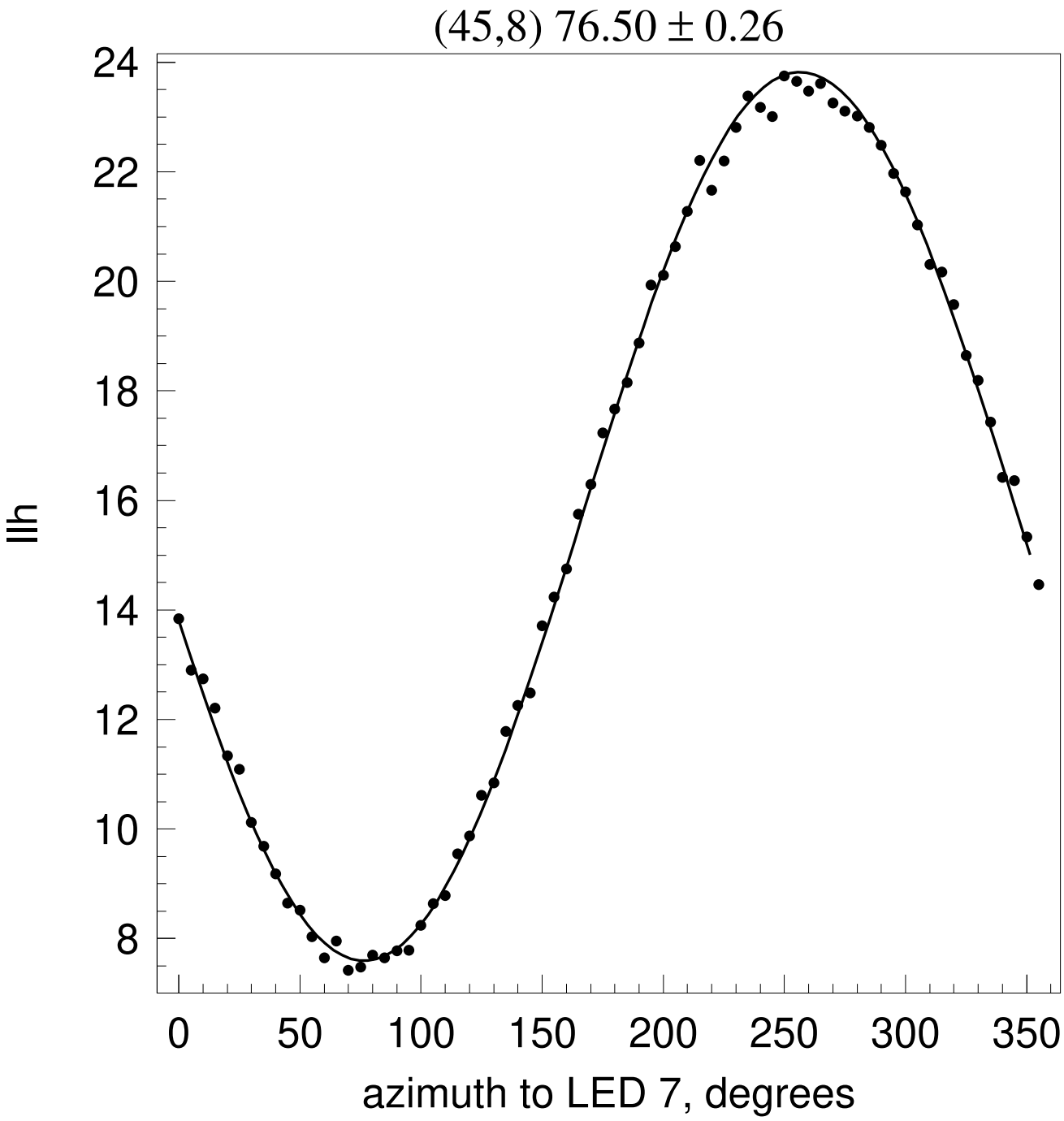

(45,3) 45.92 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

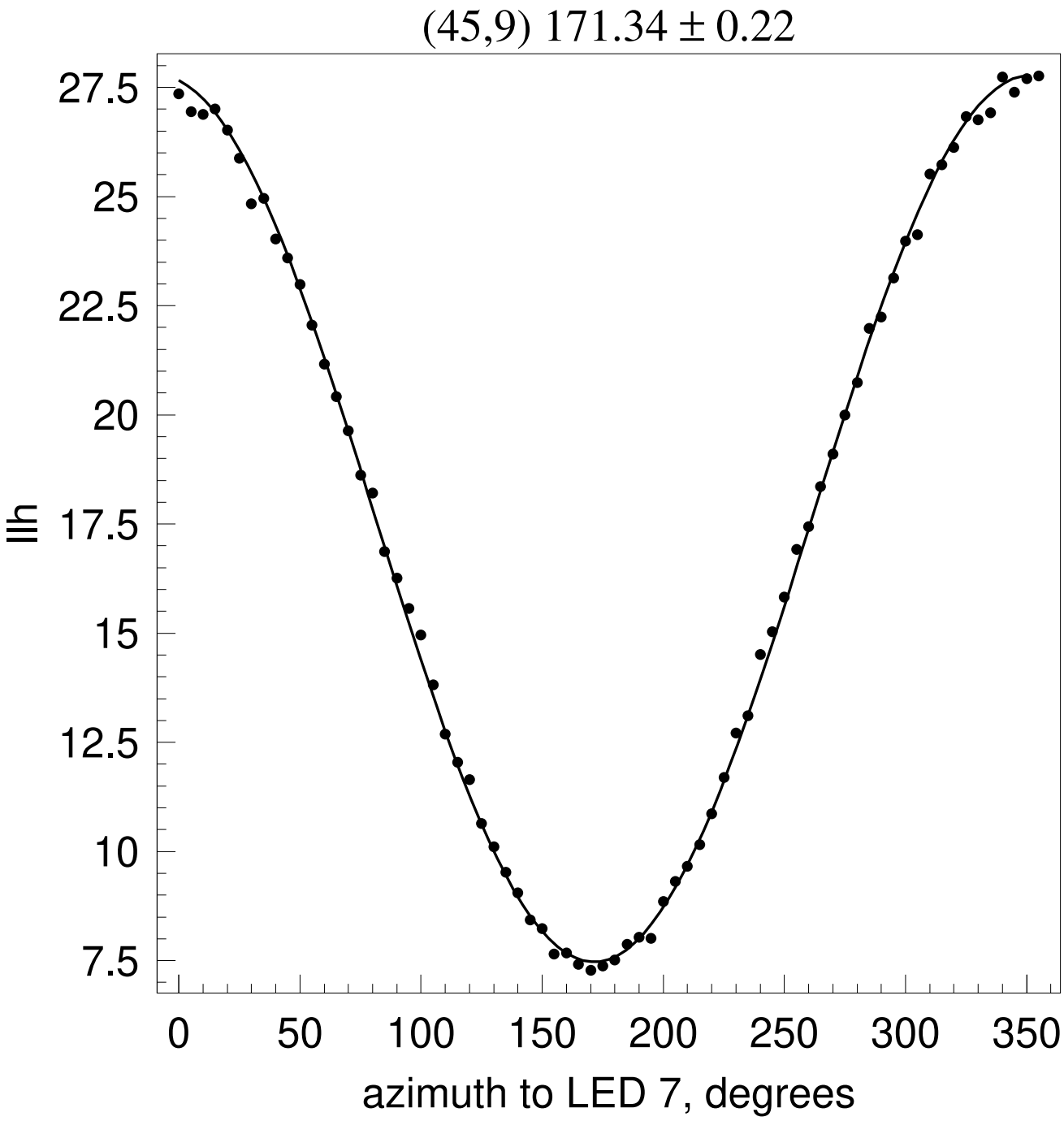

(45,4) 211.58 ± 0.31
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

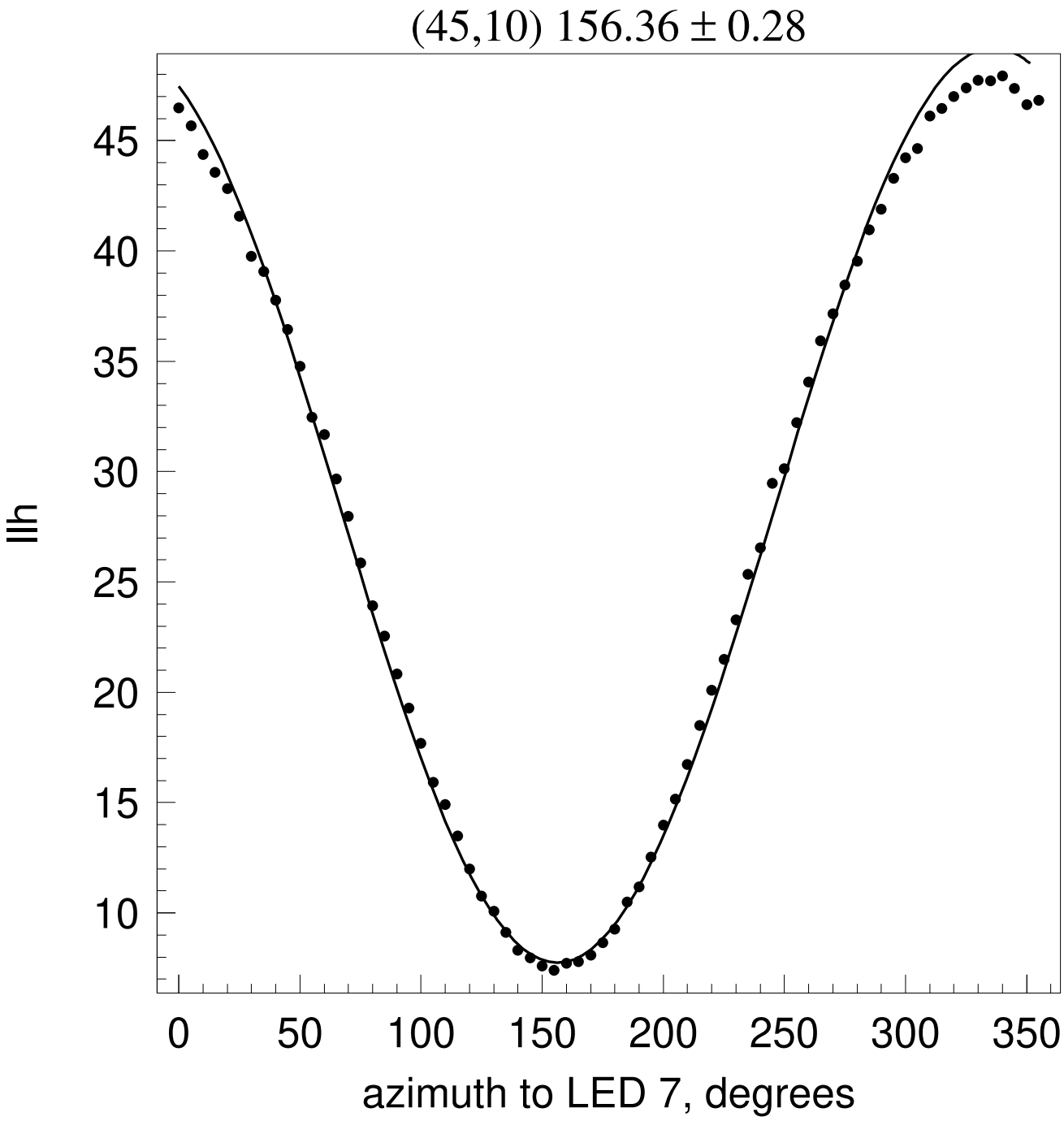

(45,5) 93.31 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

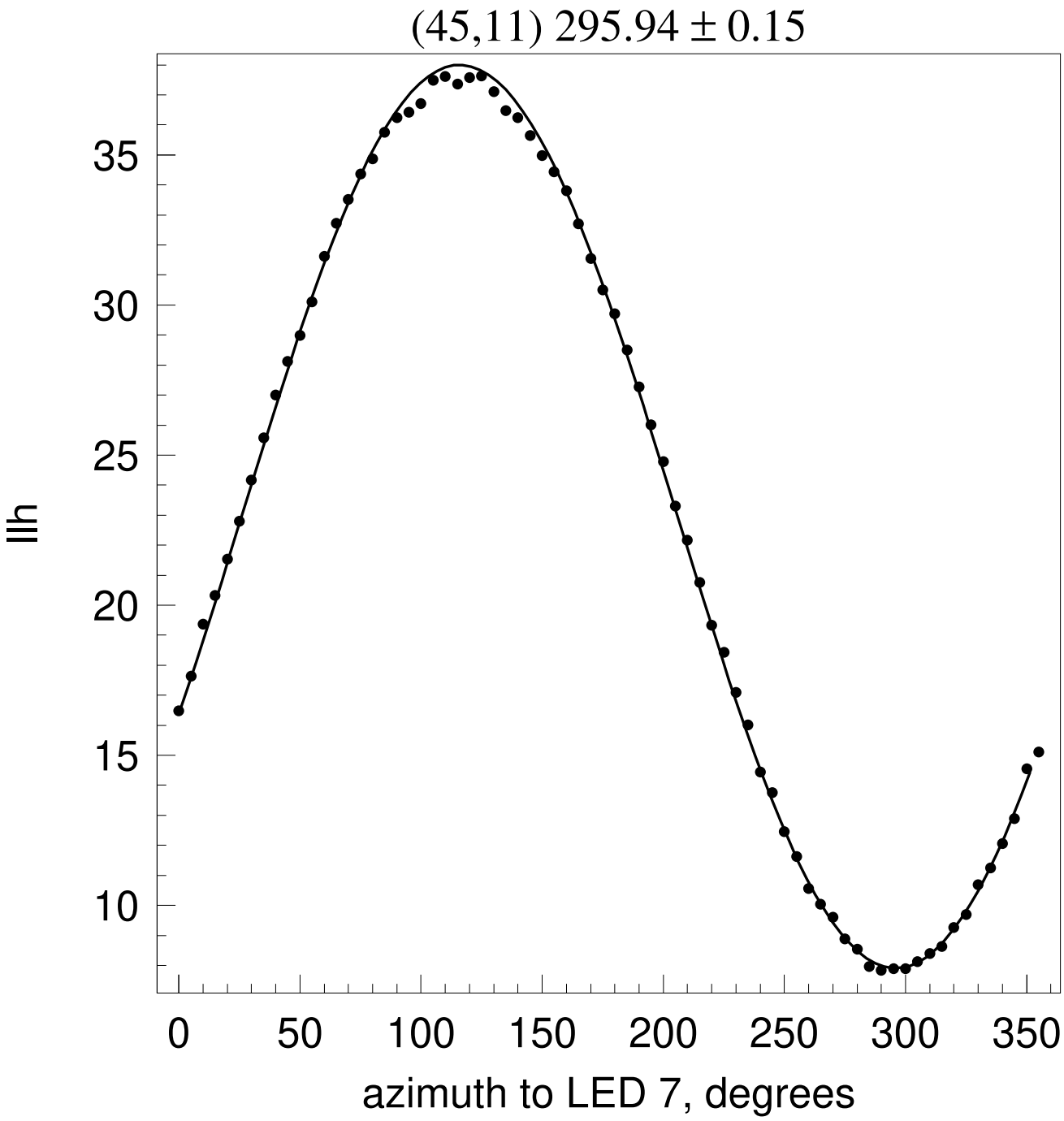

(45,6) 64.84 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

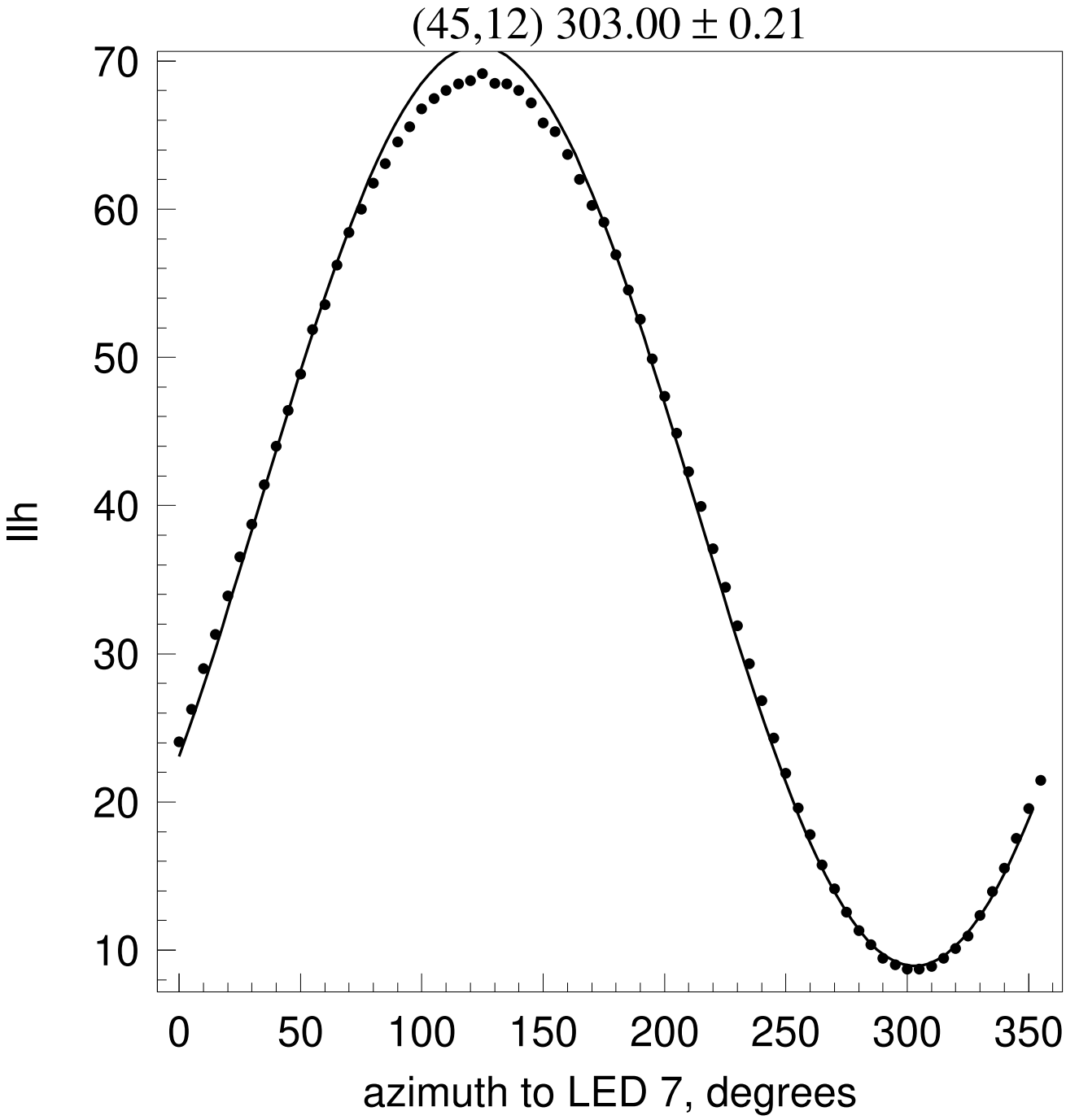

(45,7) 174.24 ± 0.26
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

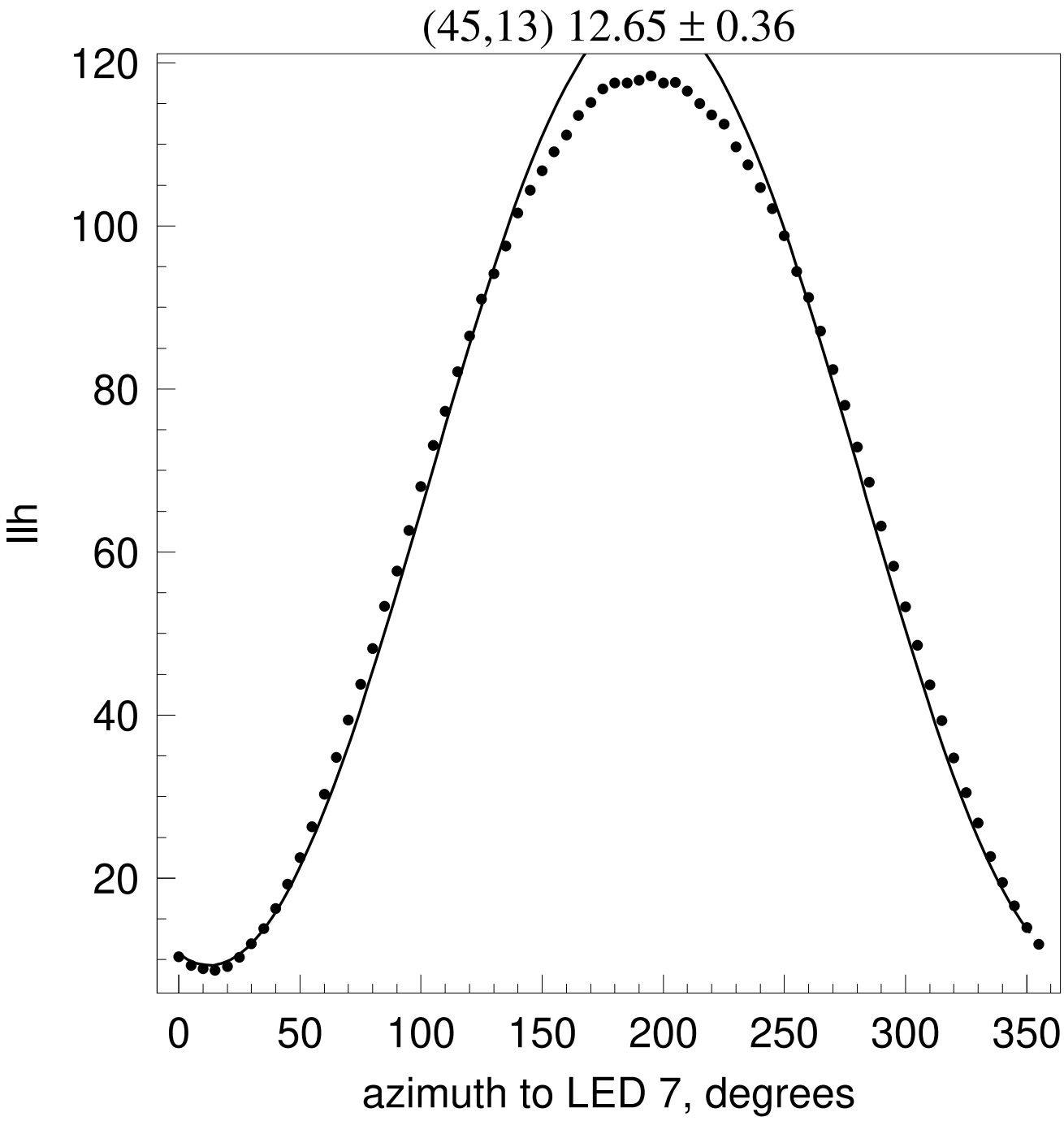

(45,8) 76.50 ± 0.26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

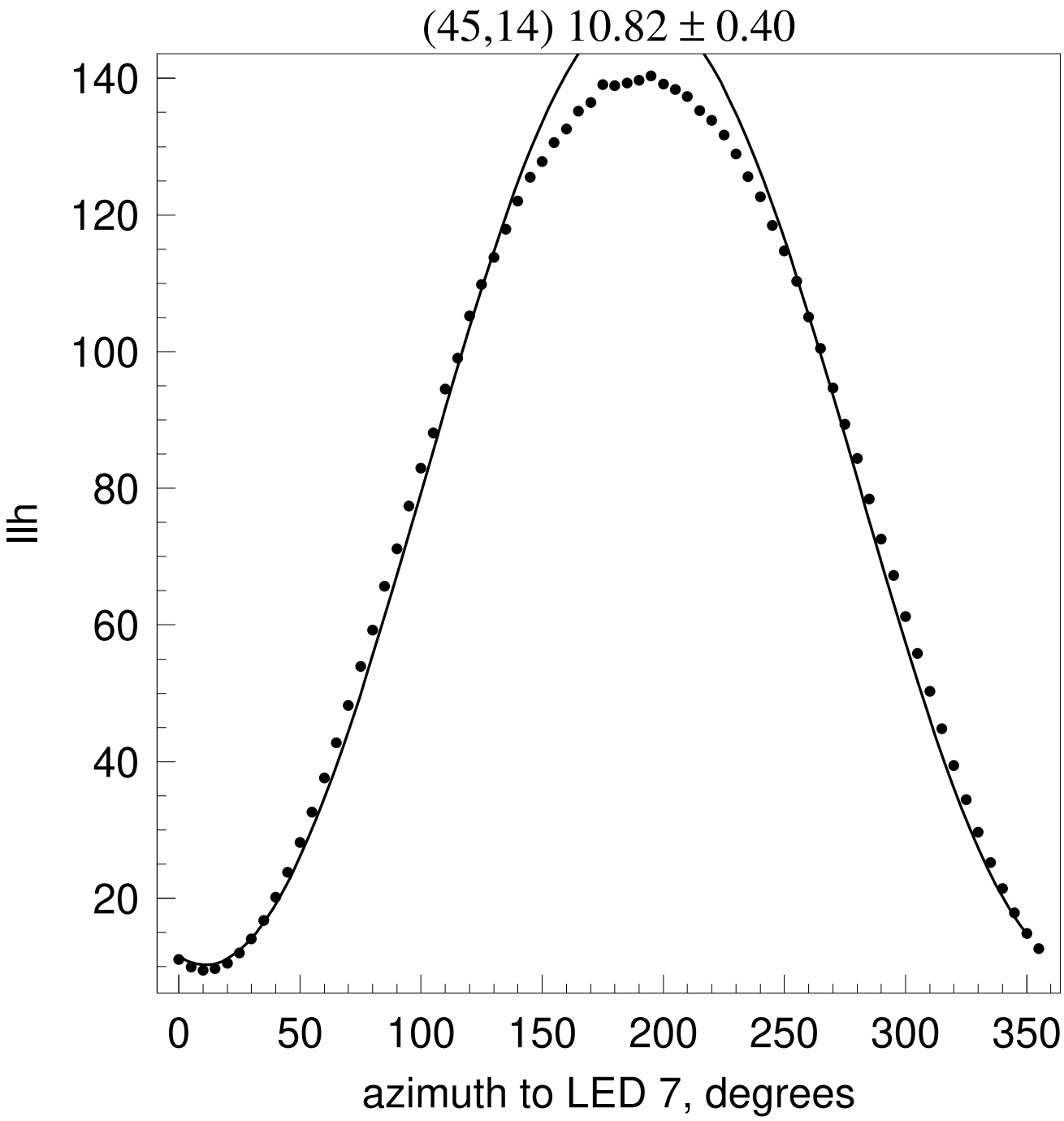

(45,9) 171.34 ± 0.22
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

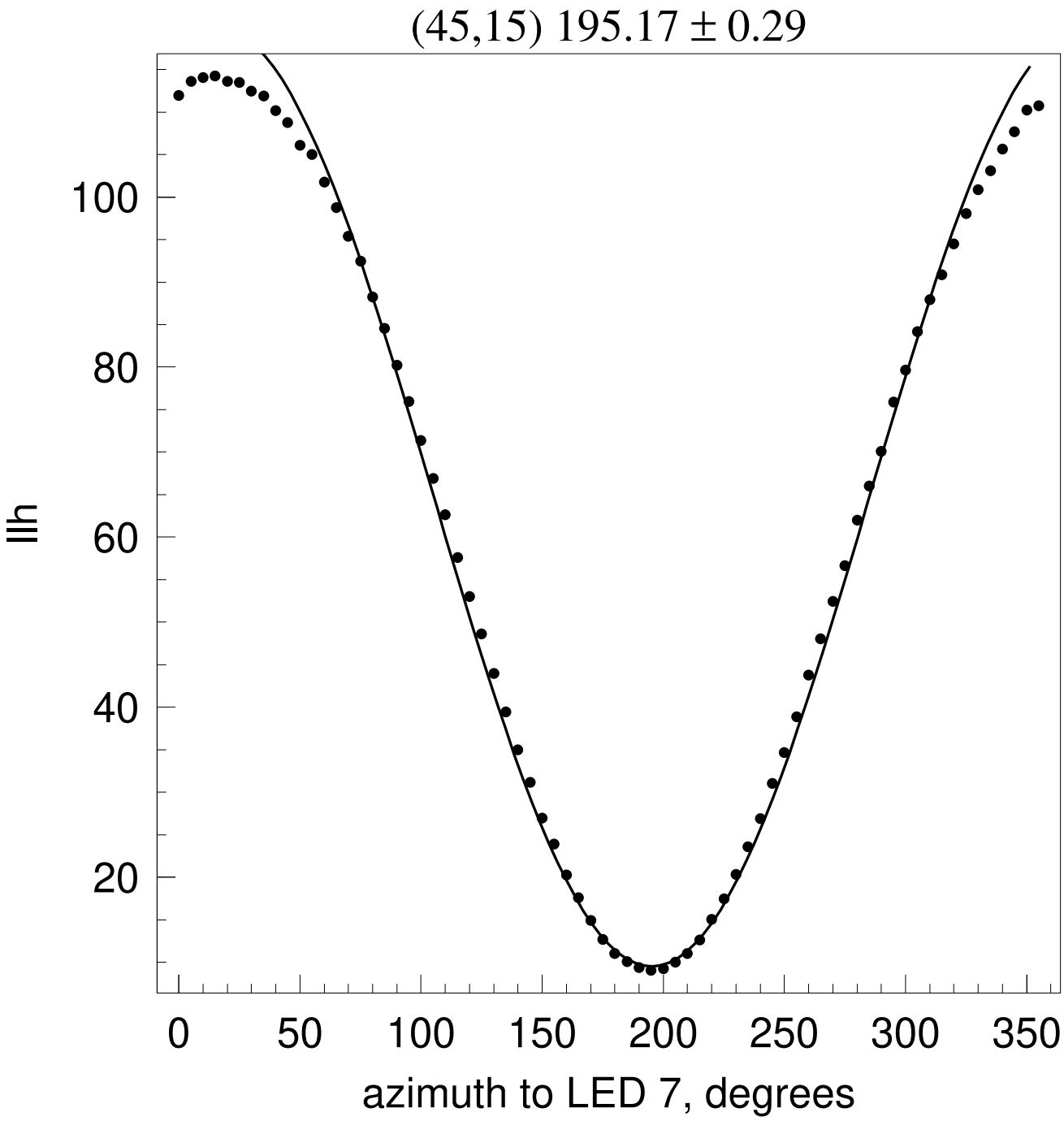

(45,10) 156.36 ± 0.28
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

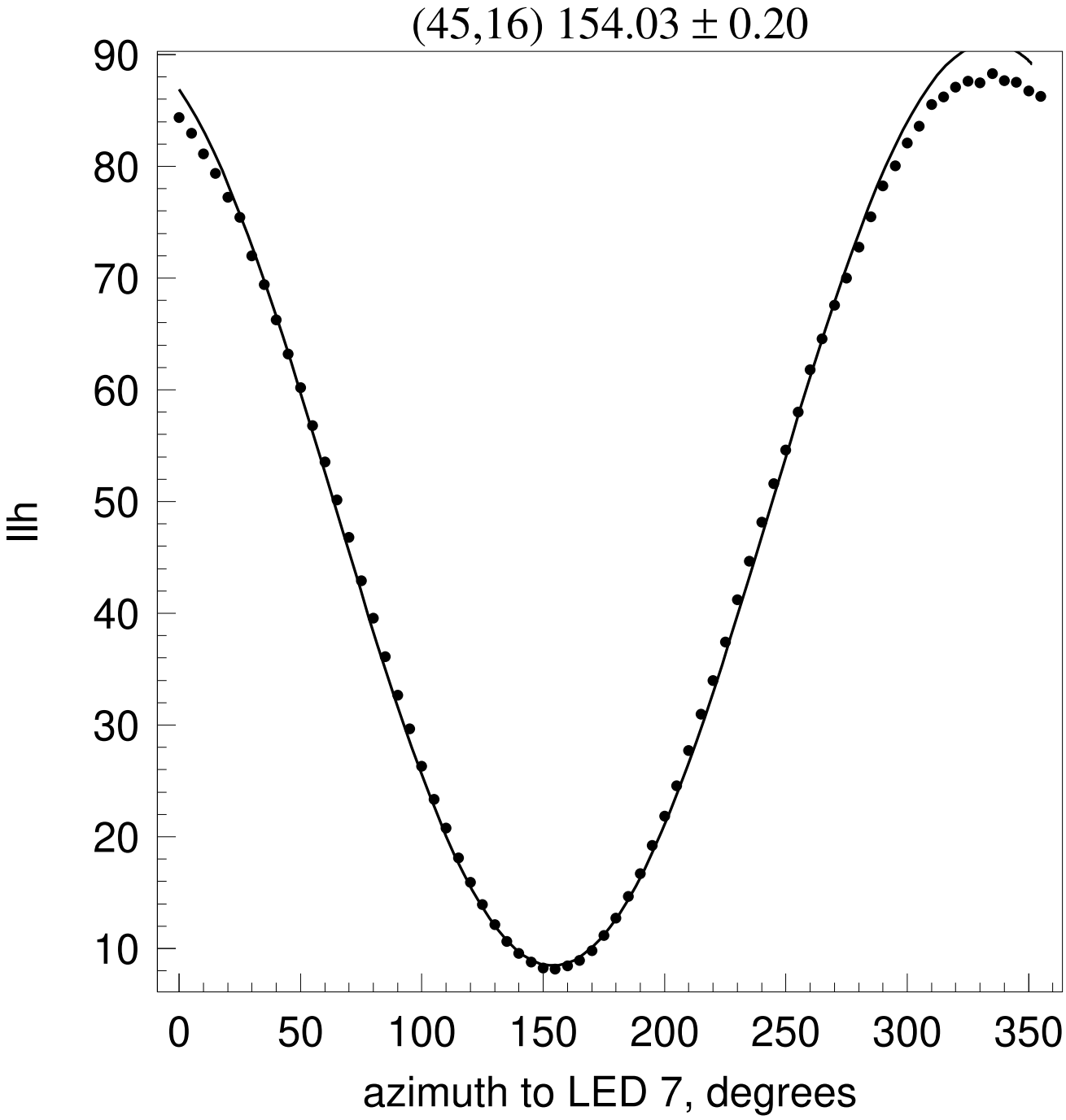

(45,11) 295.94 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

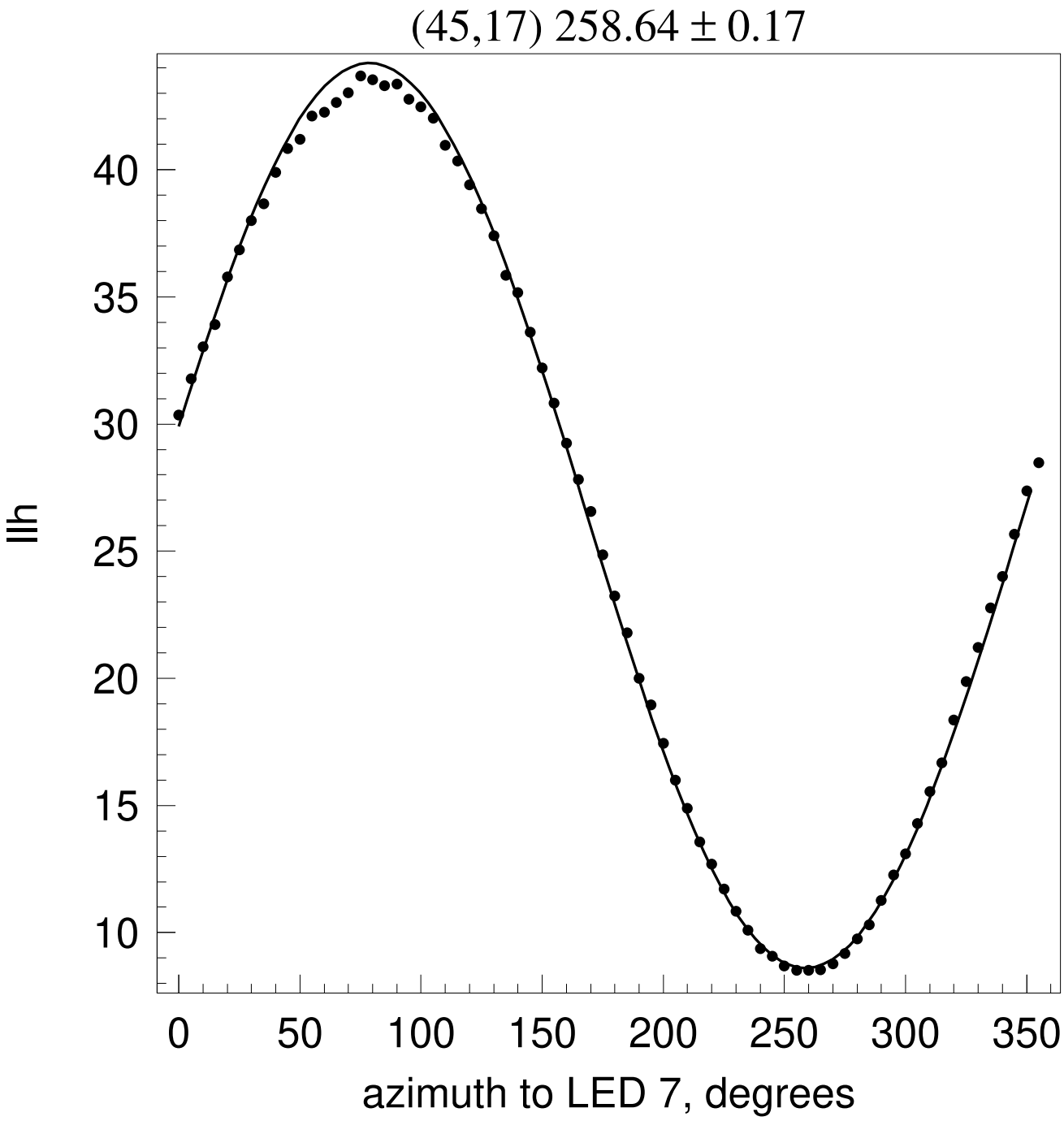

(45,12) 303.00 ± 0.21
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

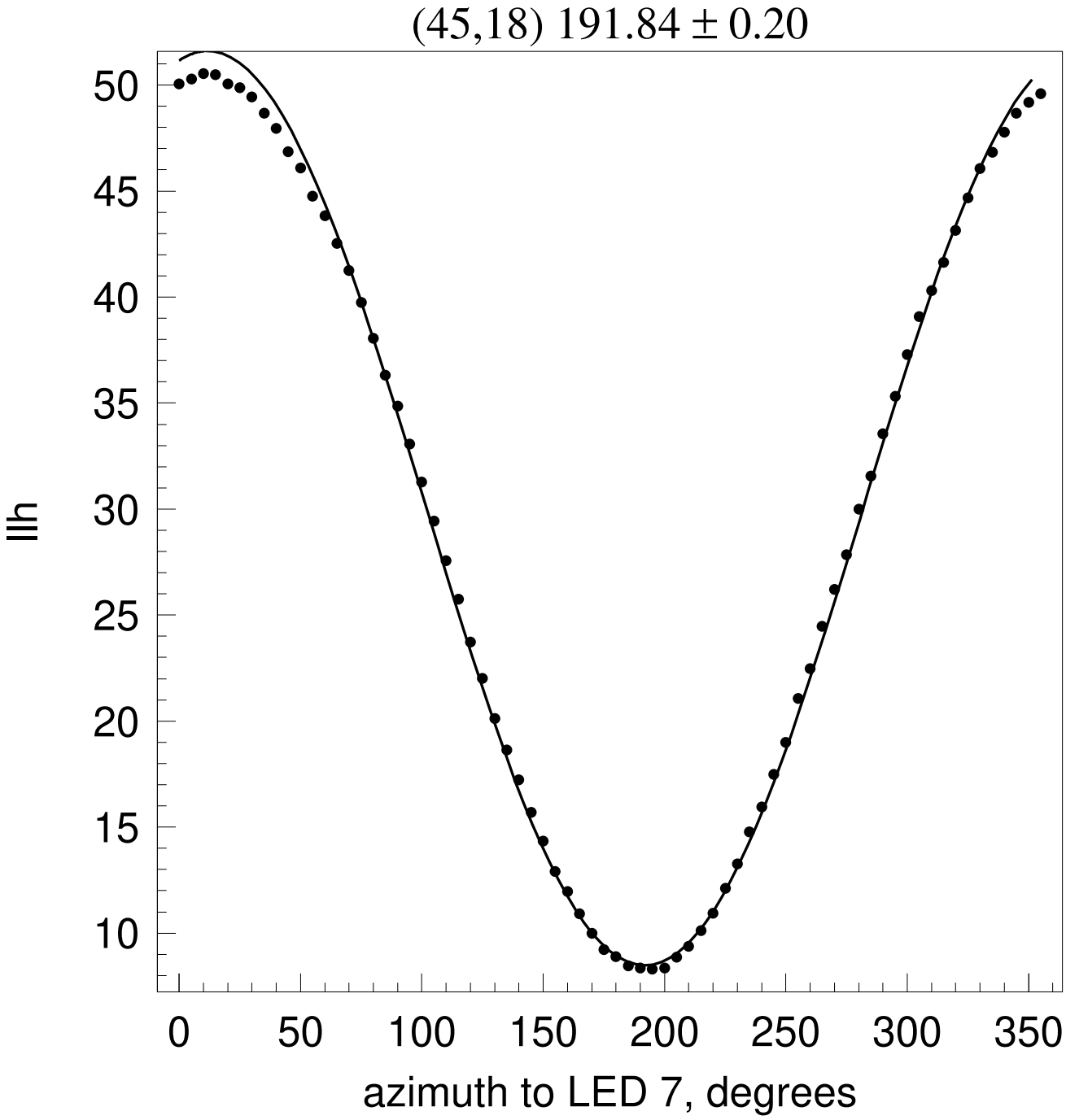

(45,13) 12.65 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

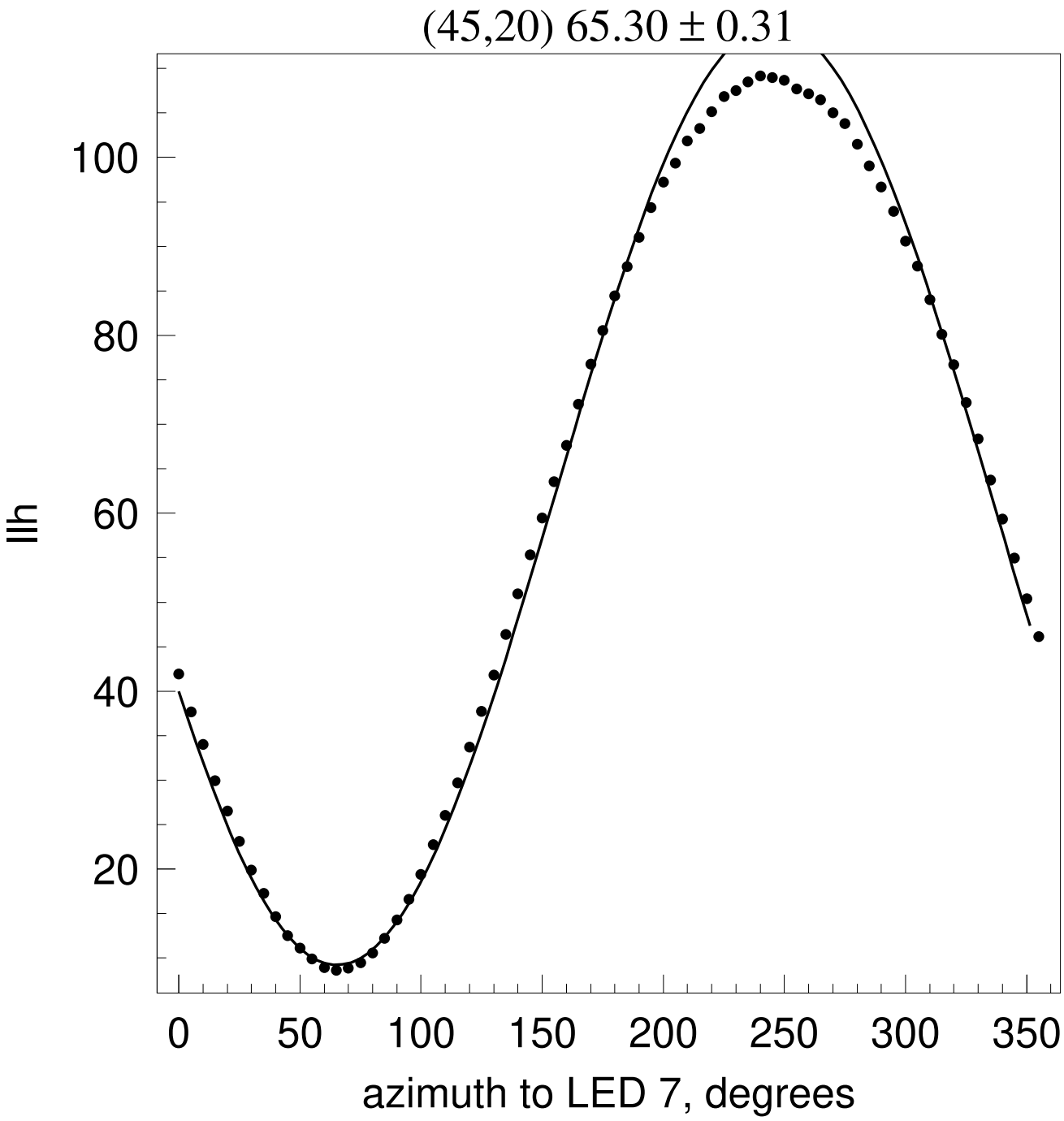

(45,14) 10.82 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

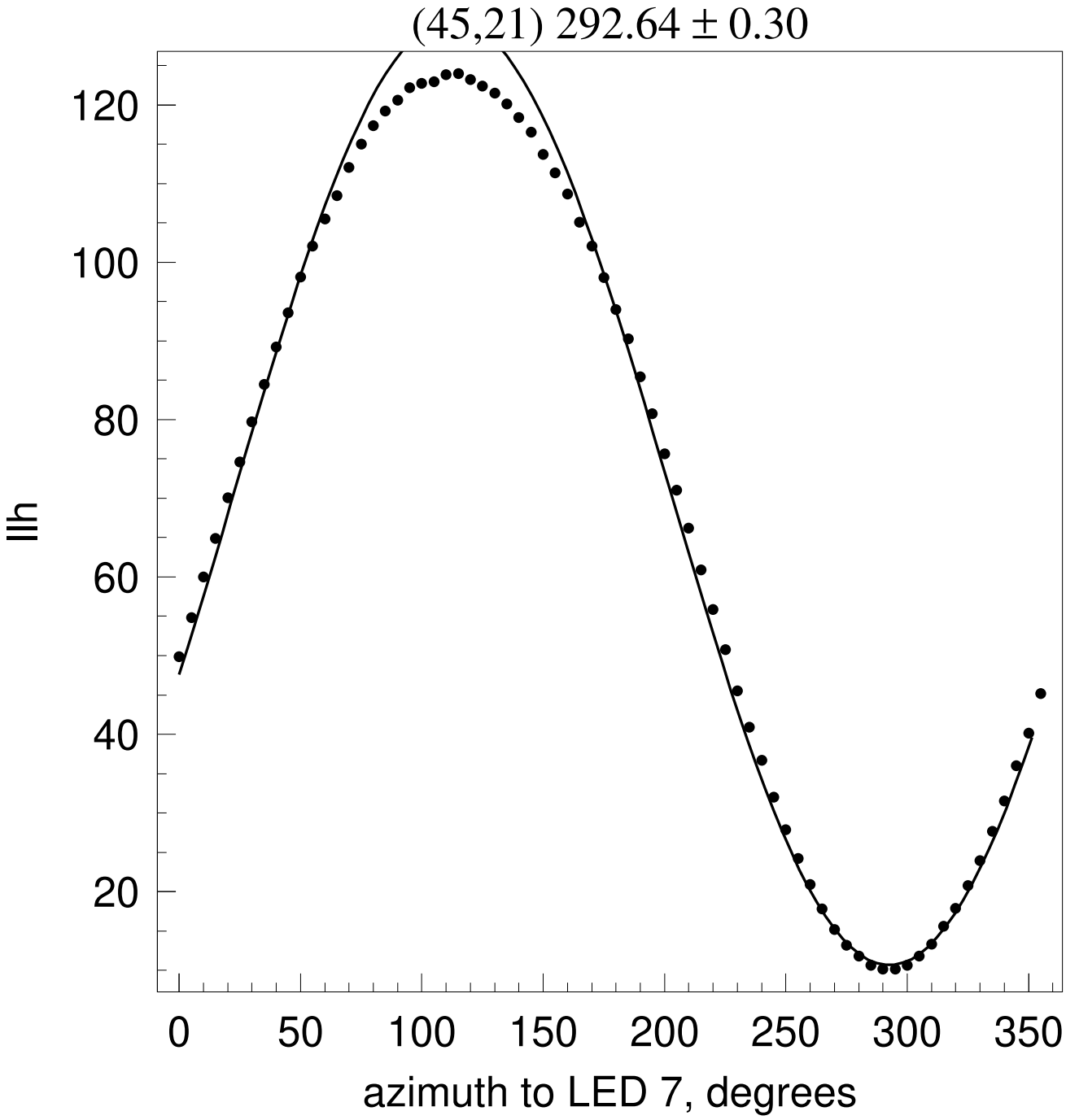

(45,15) 195.17 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

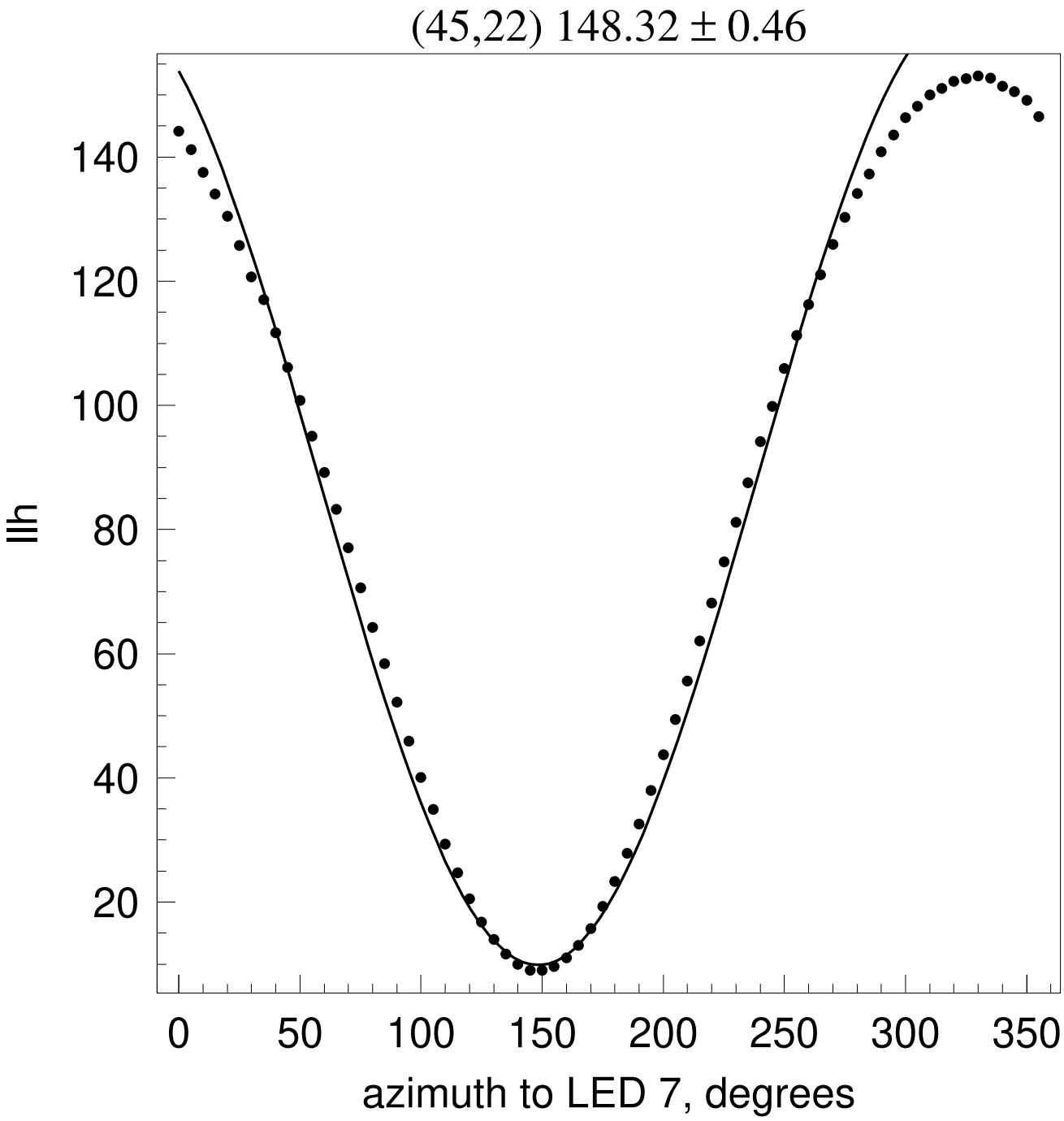

(45,16) 154.03 ± 0.20
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

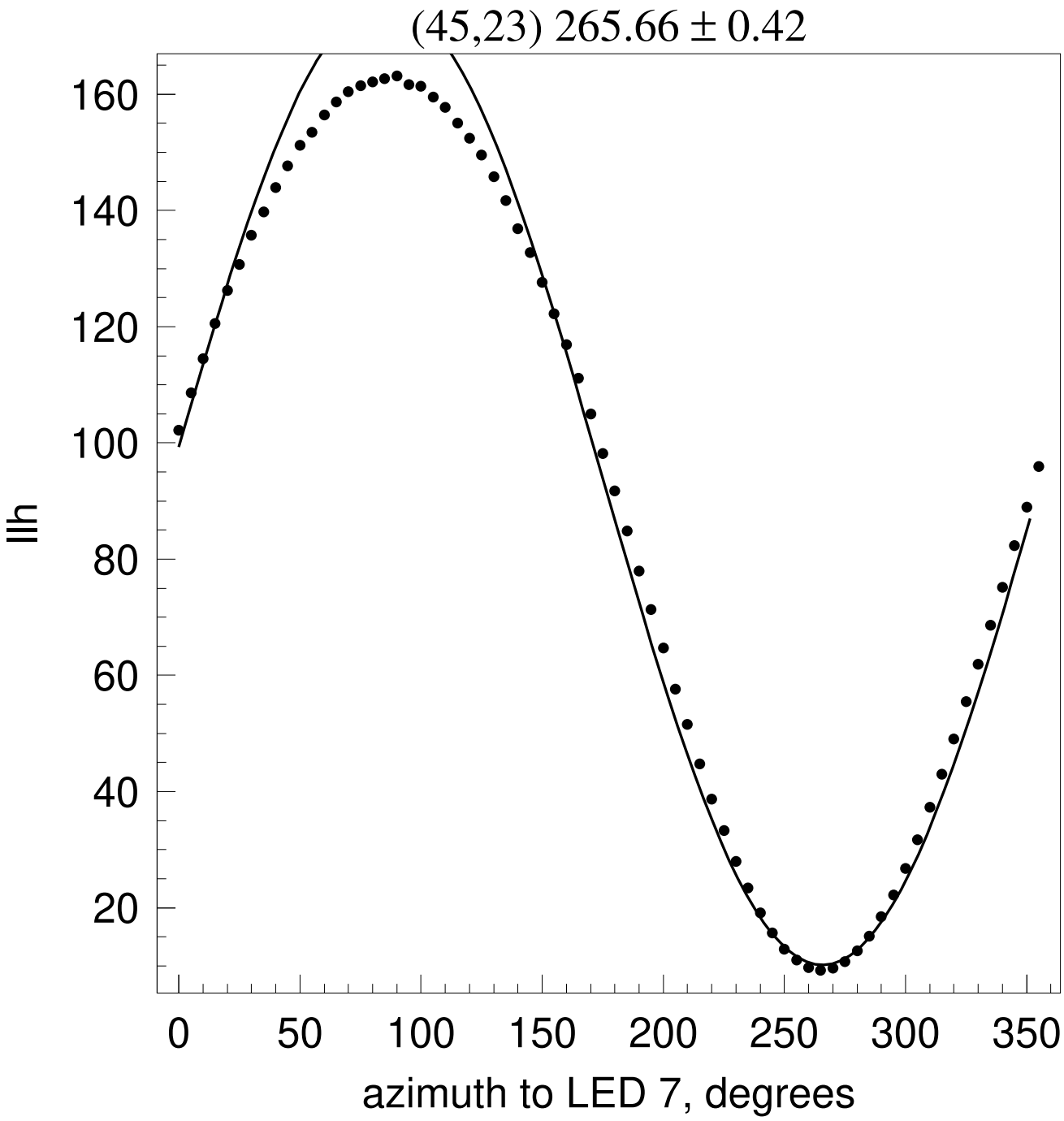

(45,17) 258.64 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

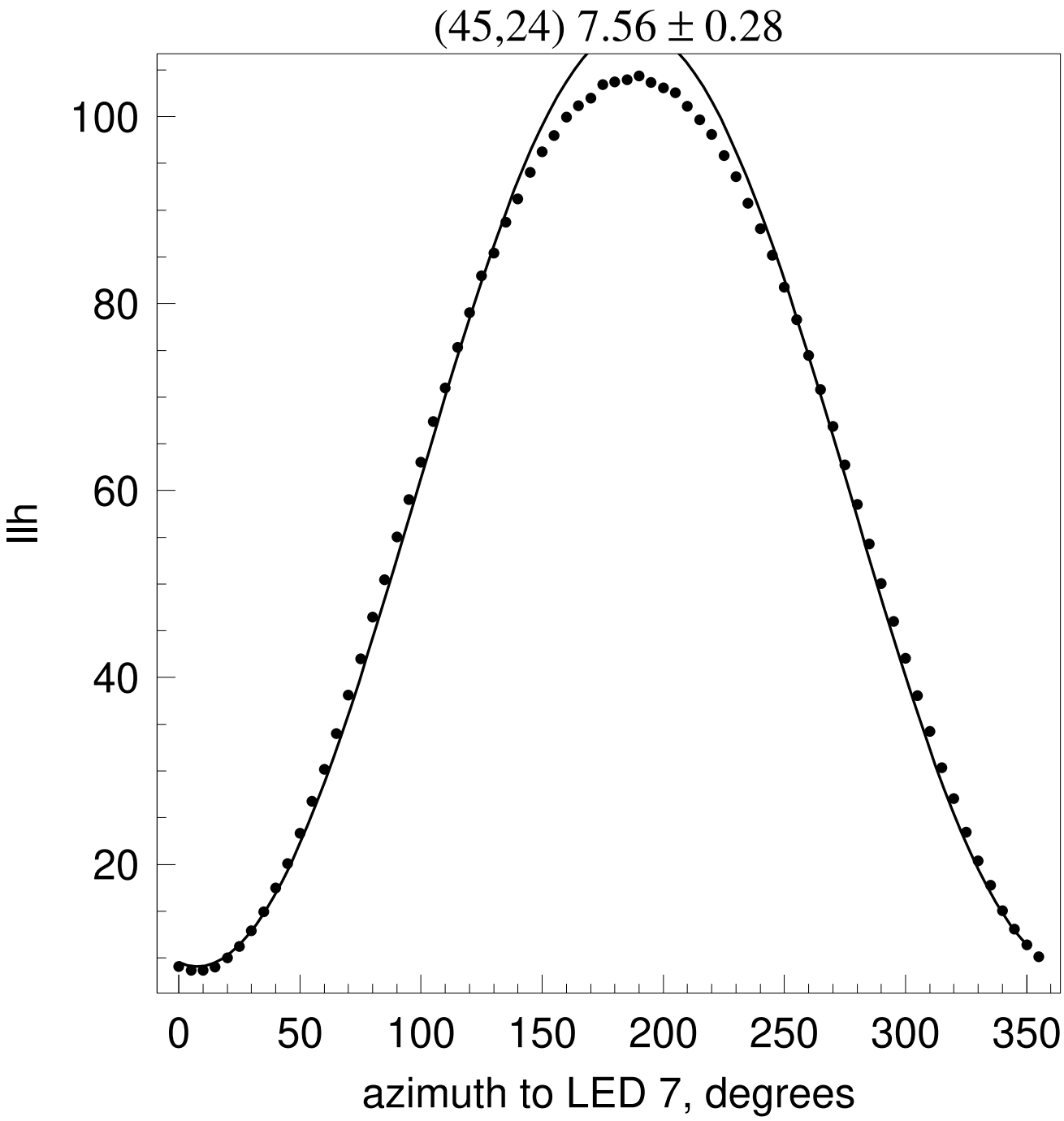

(45,18) 191.84 ± 0.20
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

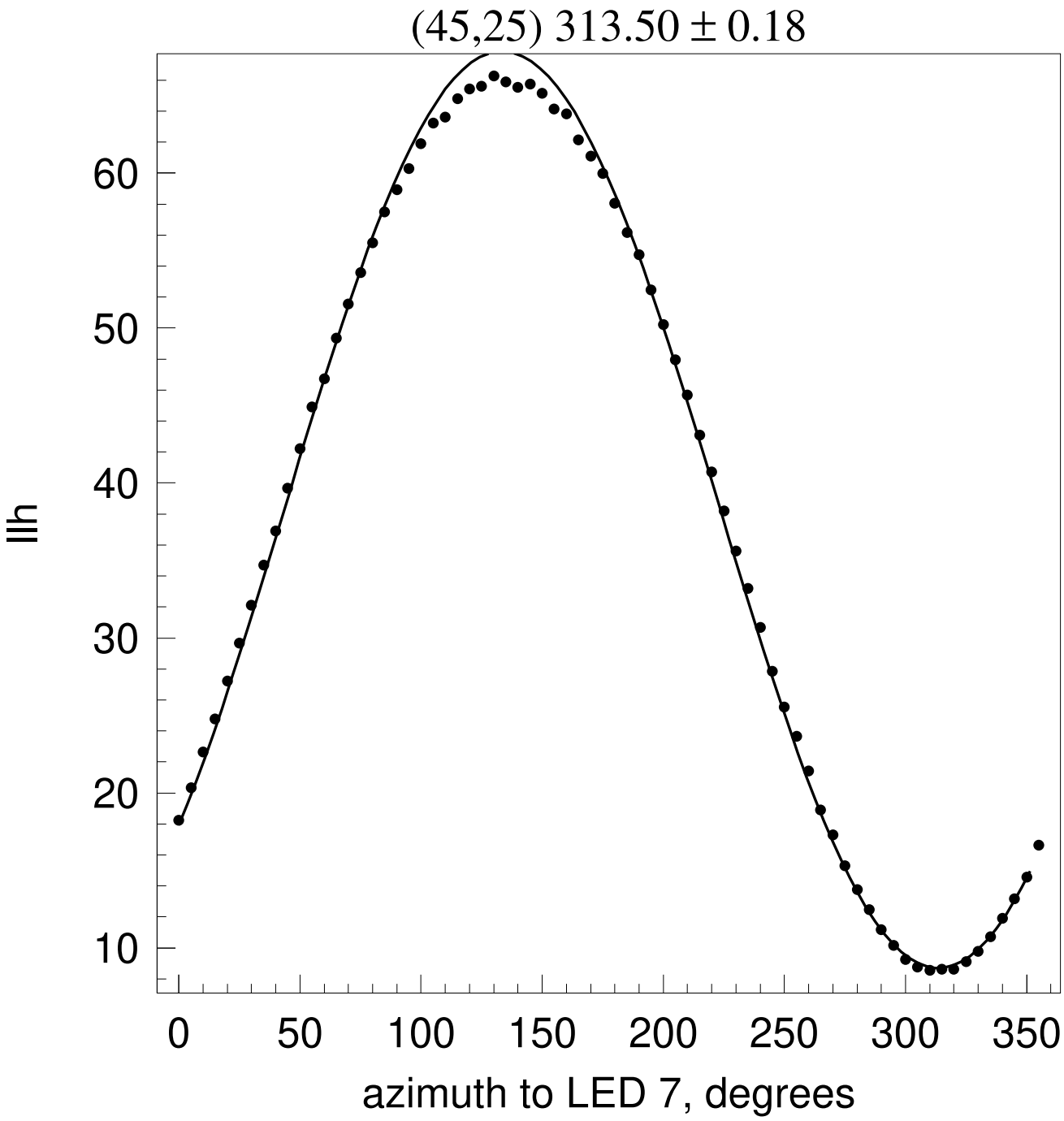

(45,20) 65.30 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

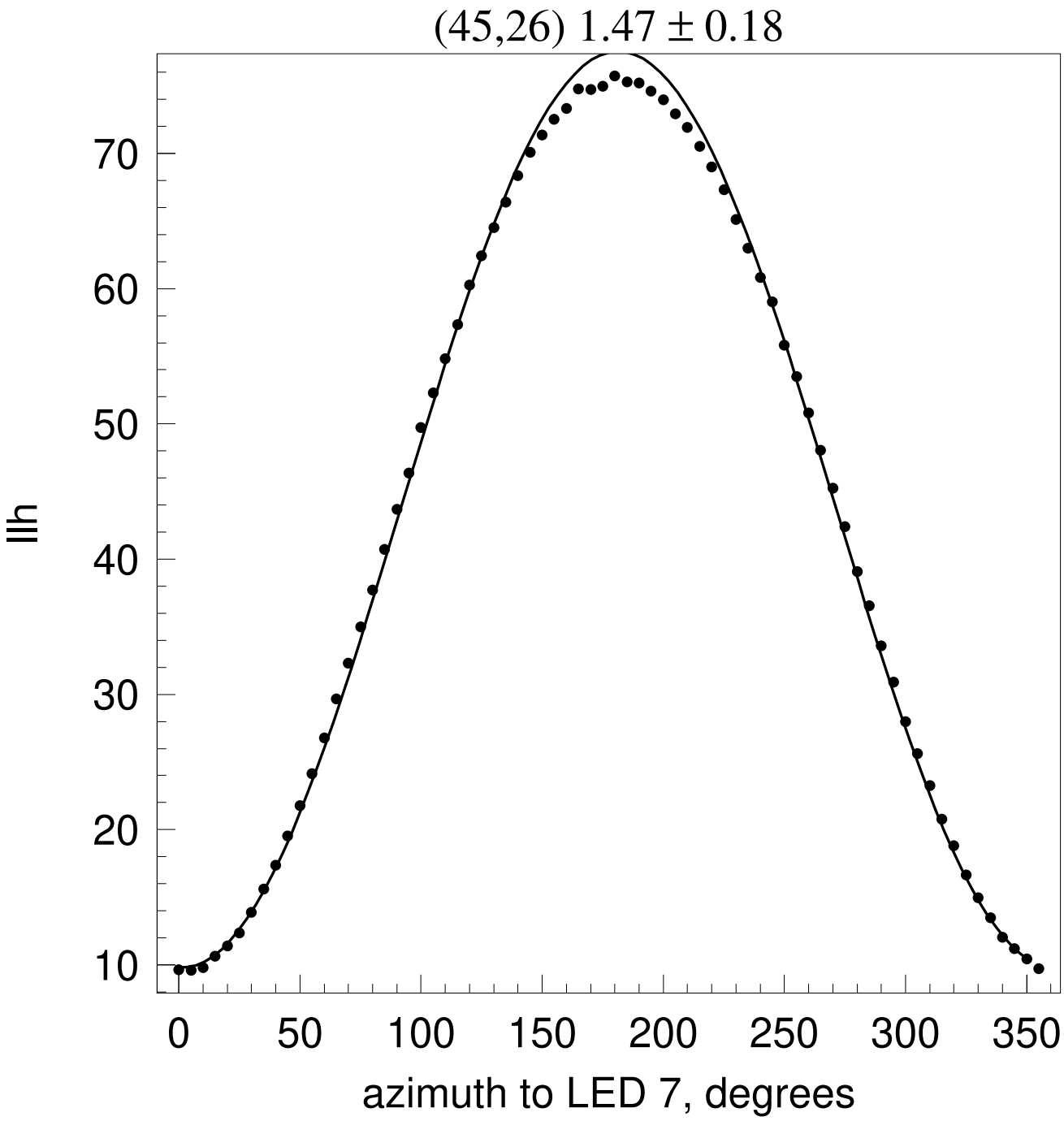

(45,21) 292.64 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

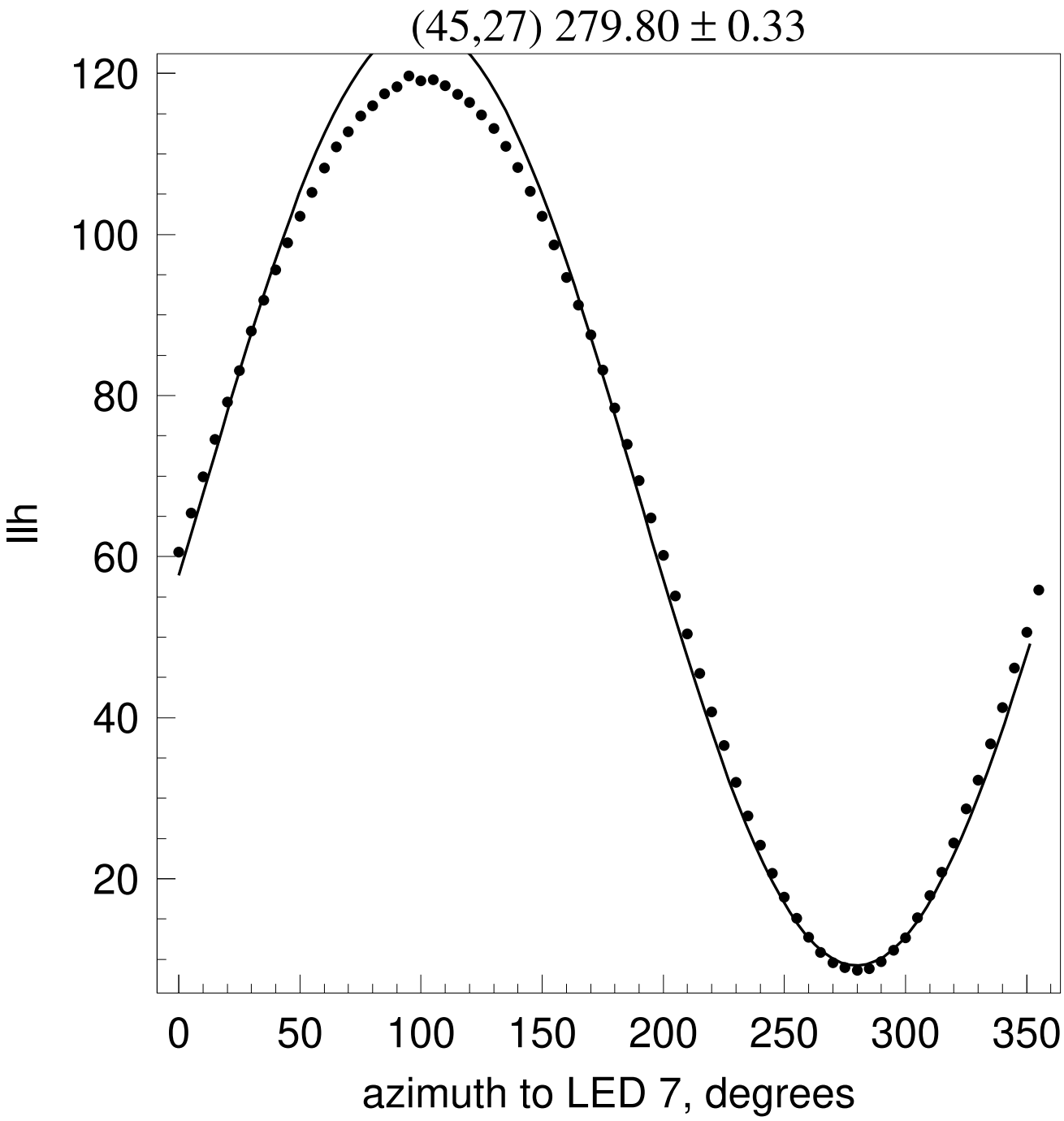

(45,22) 148.32 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

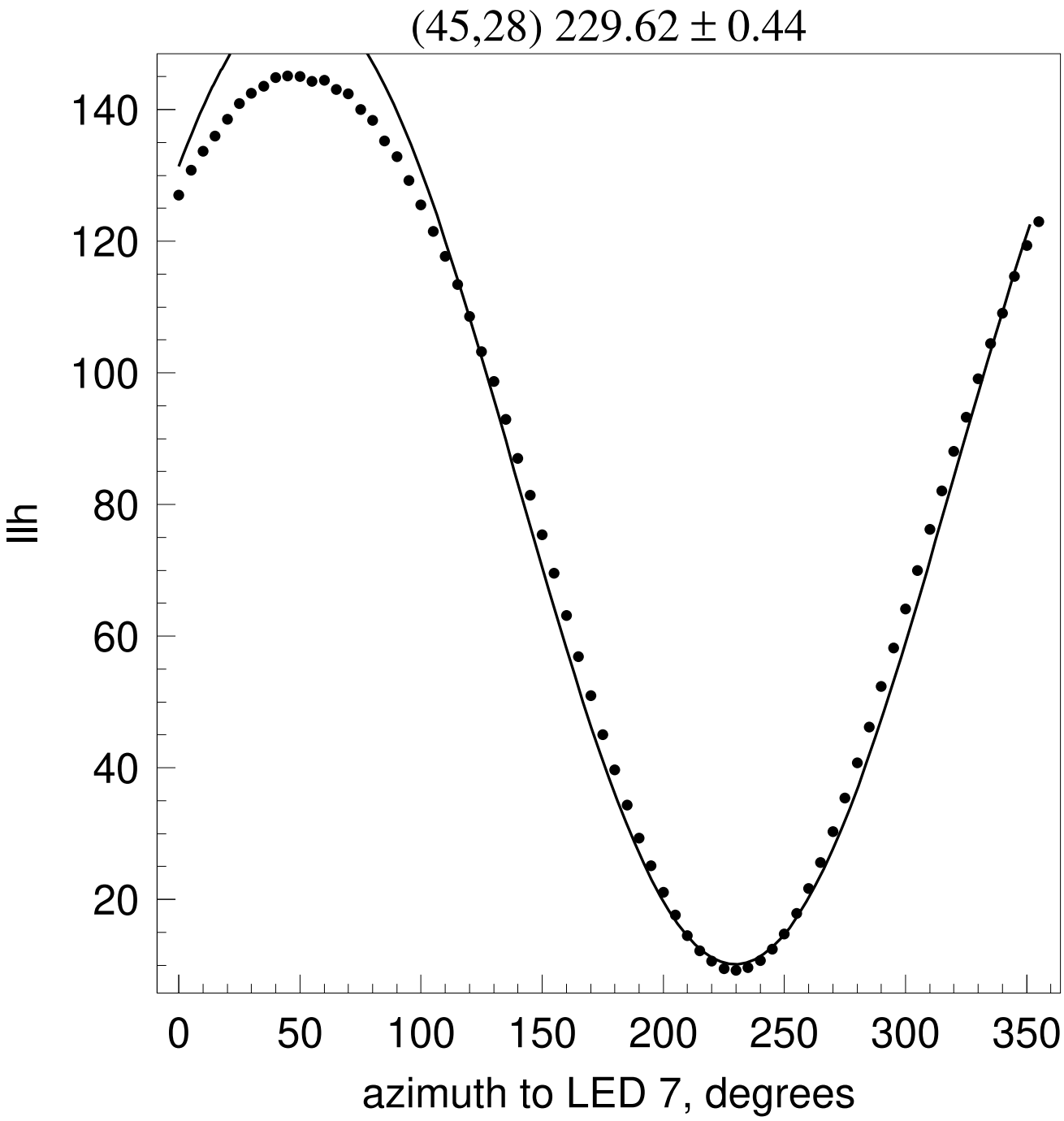

(45,23) 265.66 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

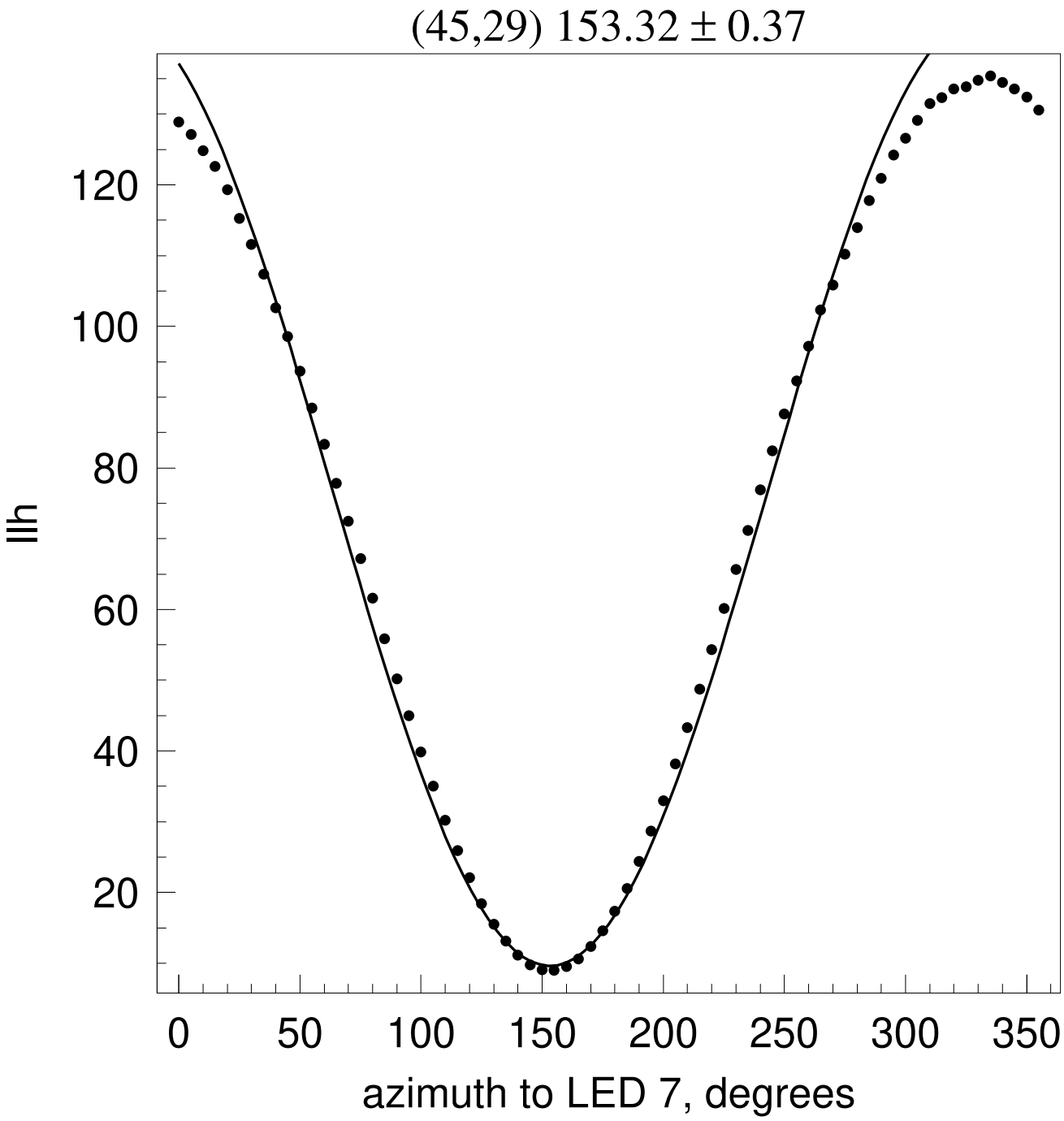

(45,24) 7.56 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

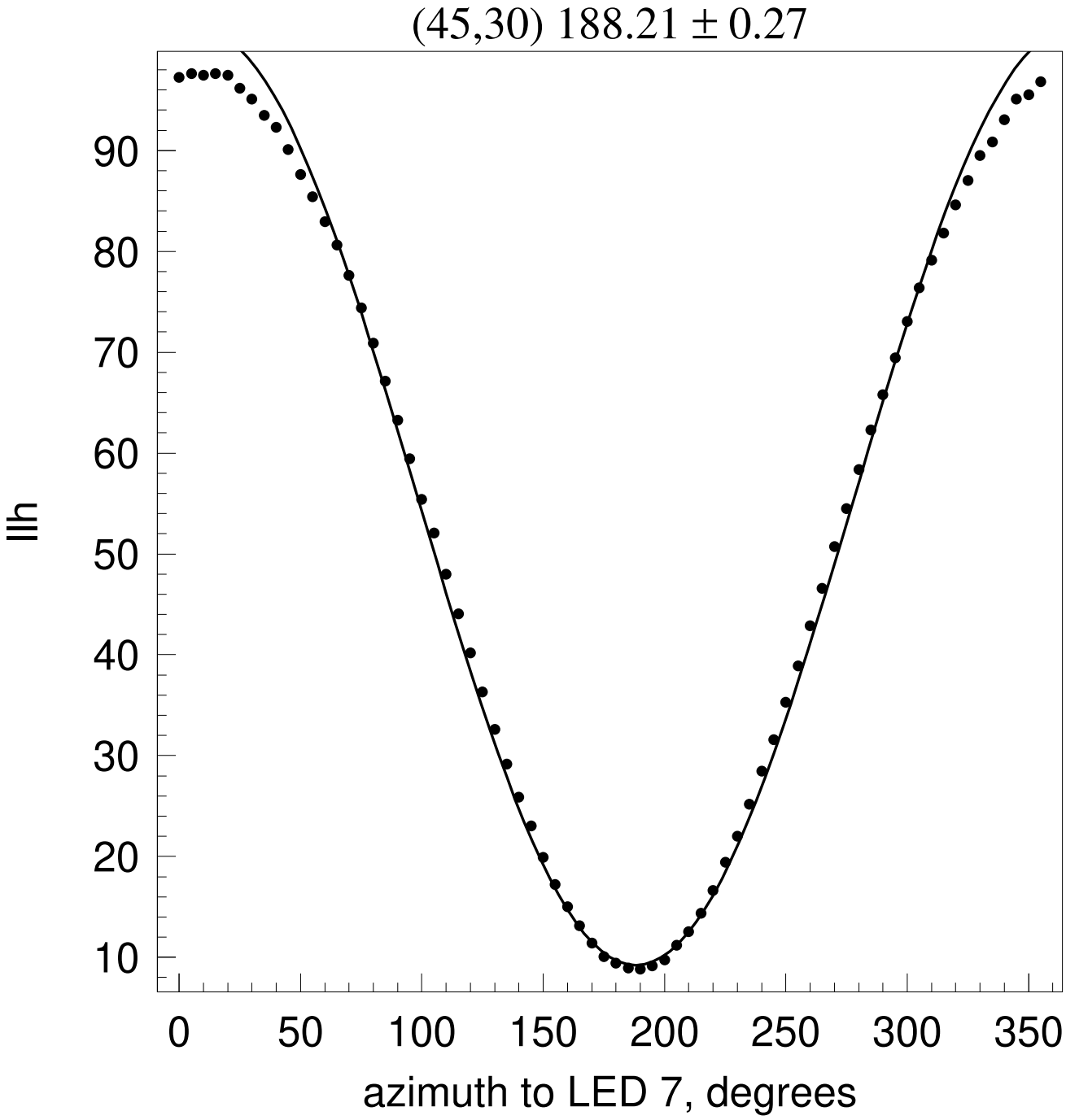

(45,25) 313.50 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

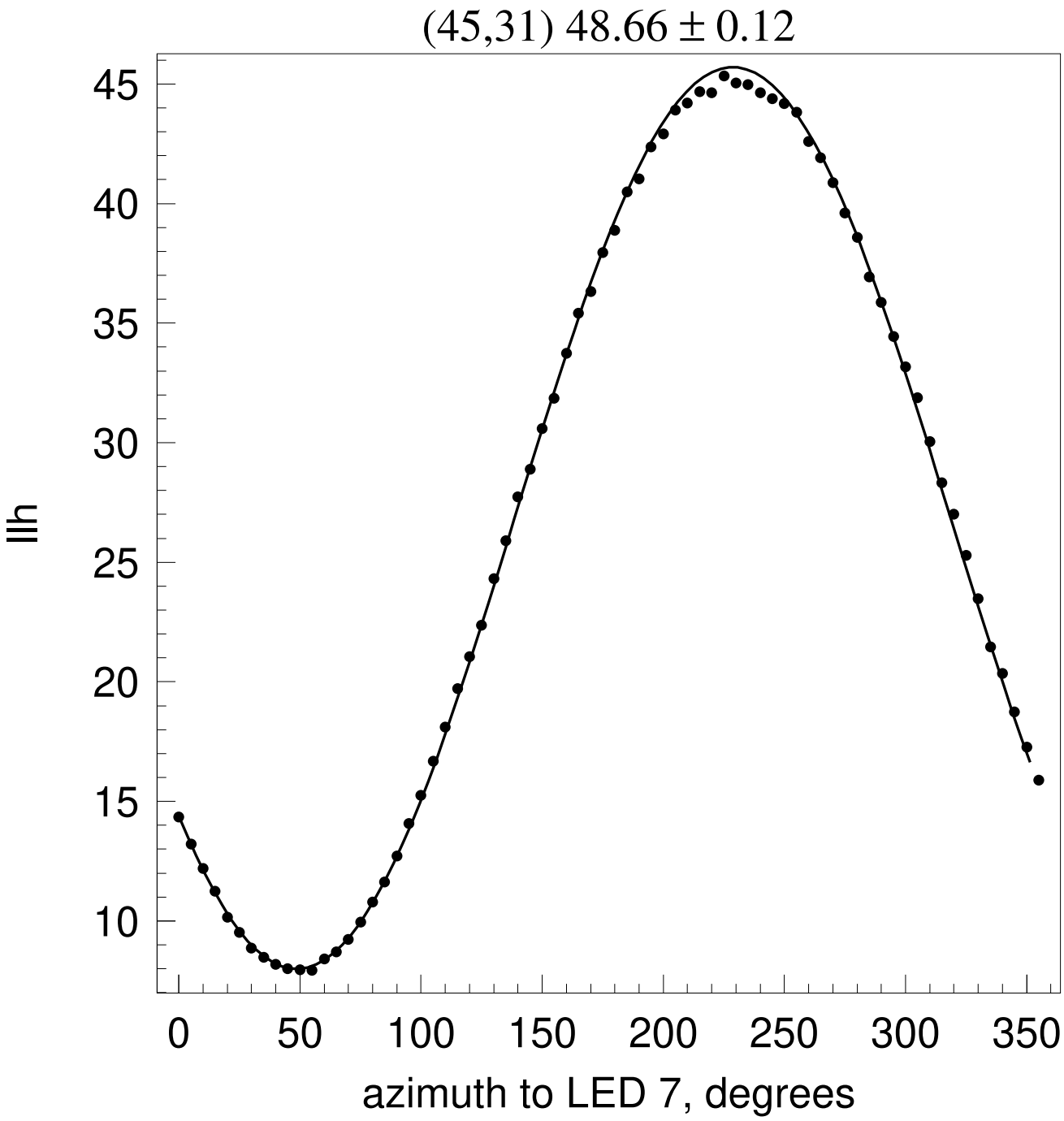

(45,26) 1.47 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

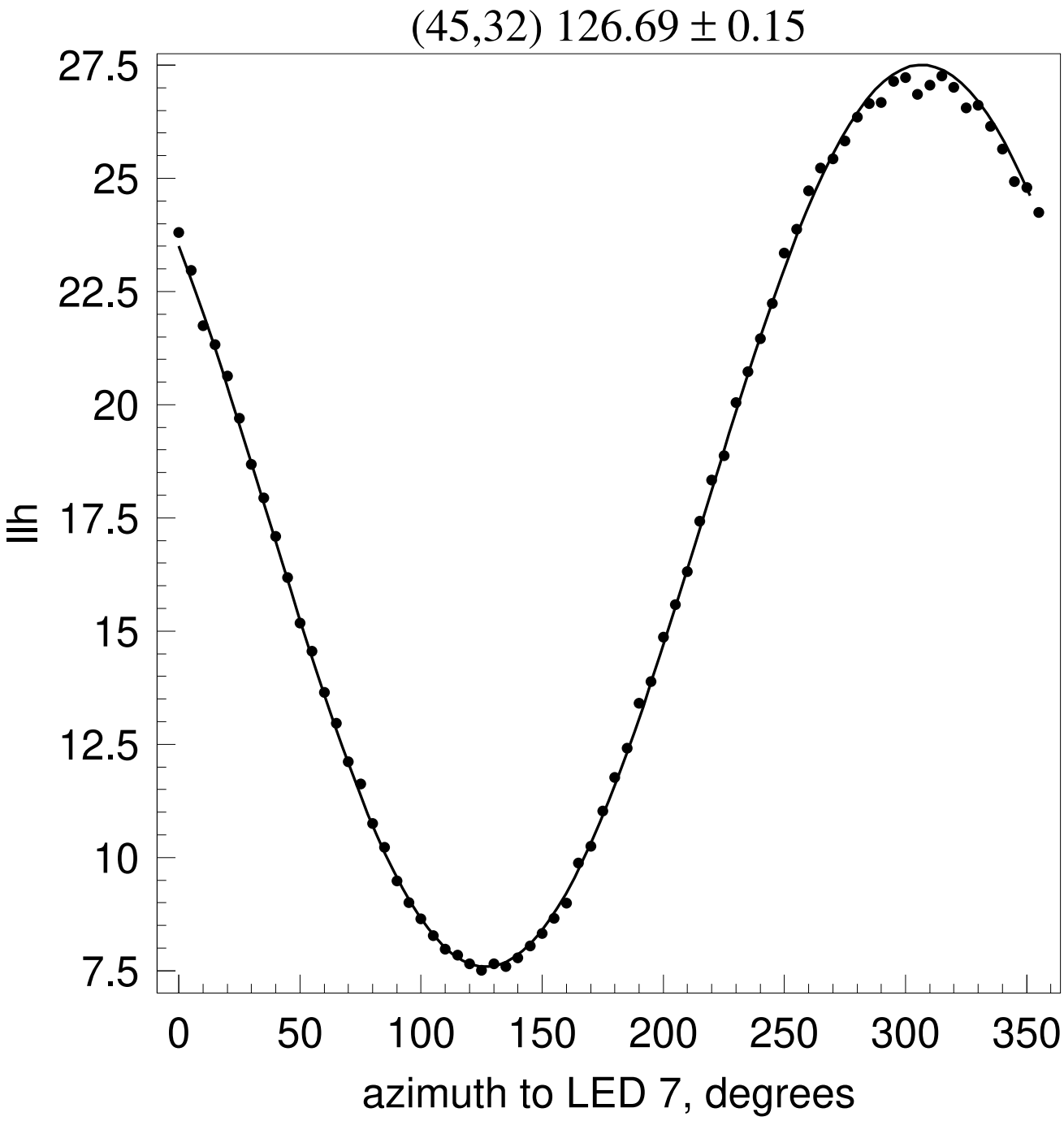

(45,27) 279.80 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

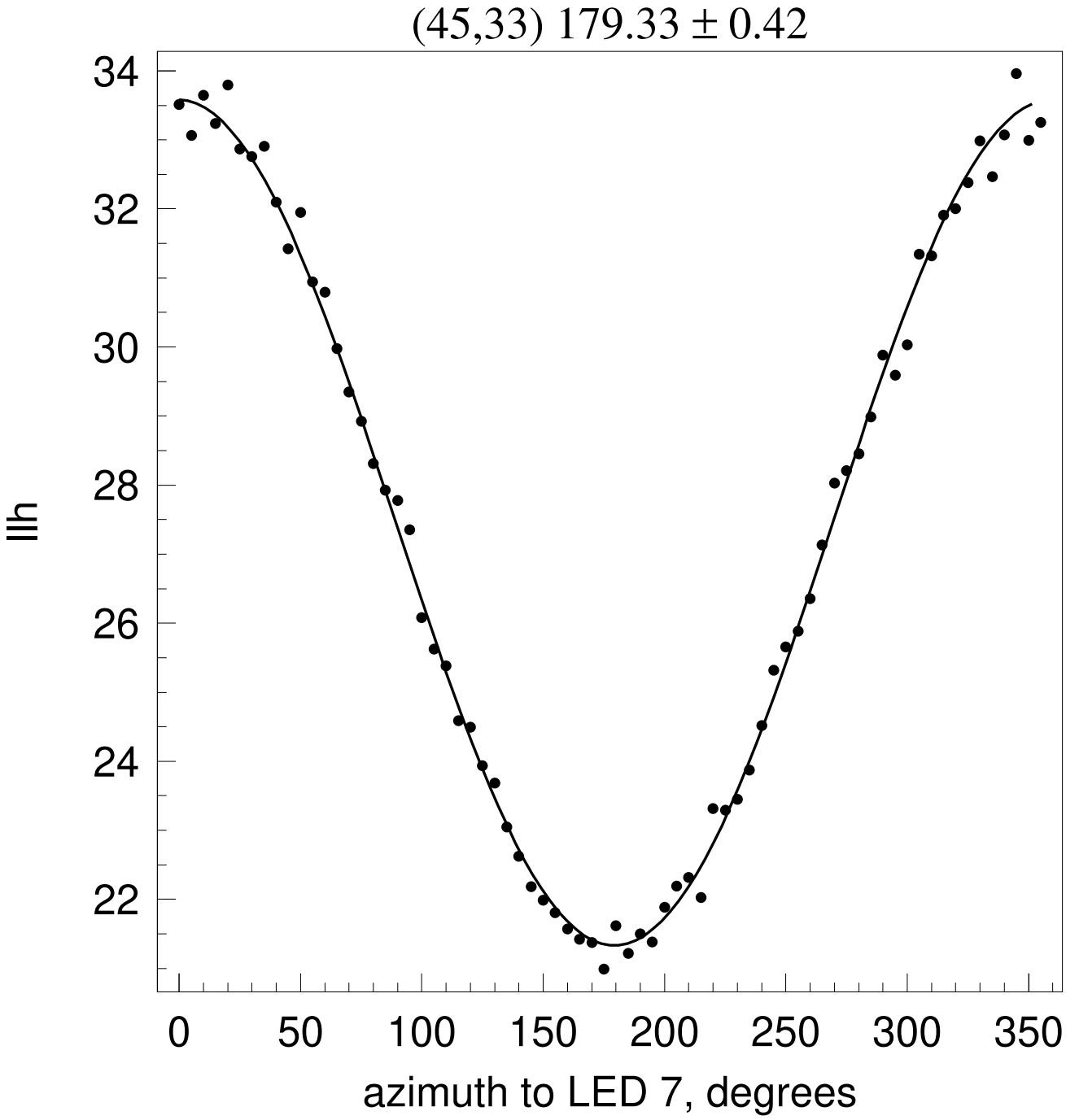

(45,28) 229.62 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

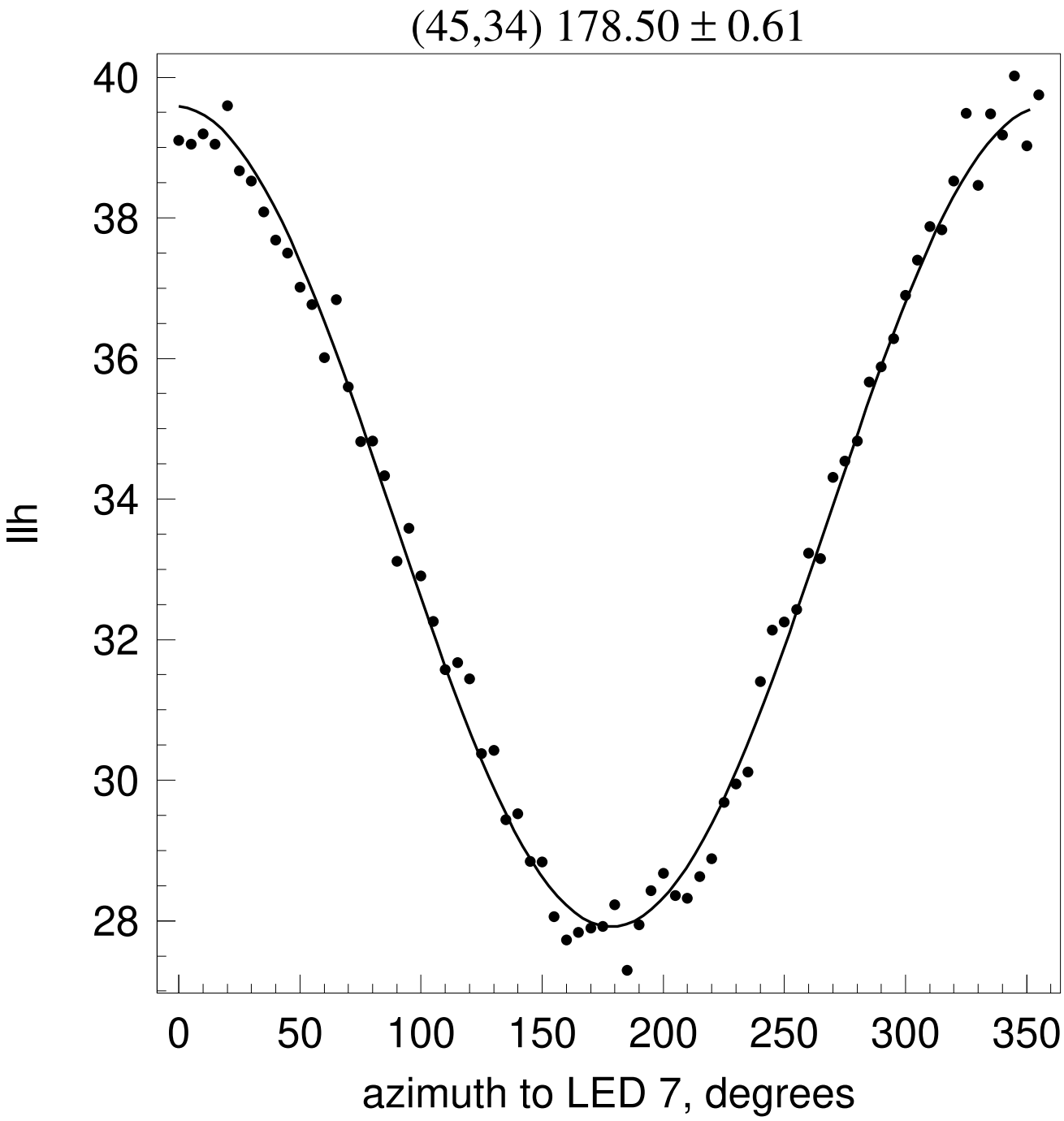

(45,29) 153.32 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

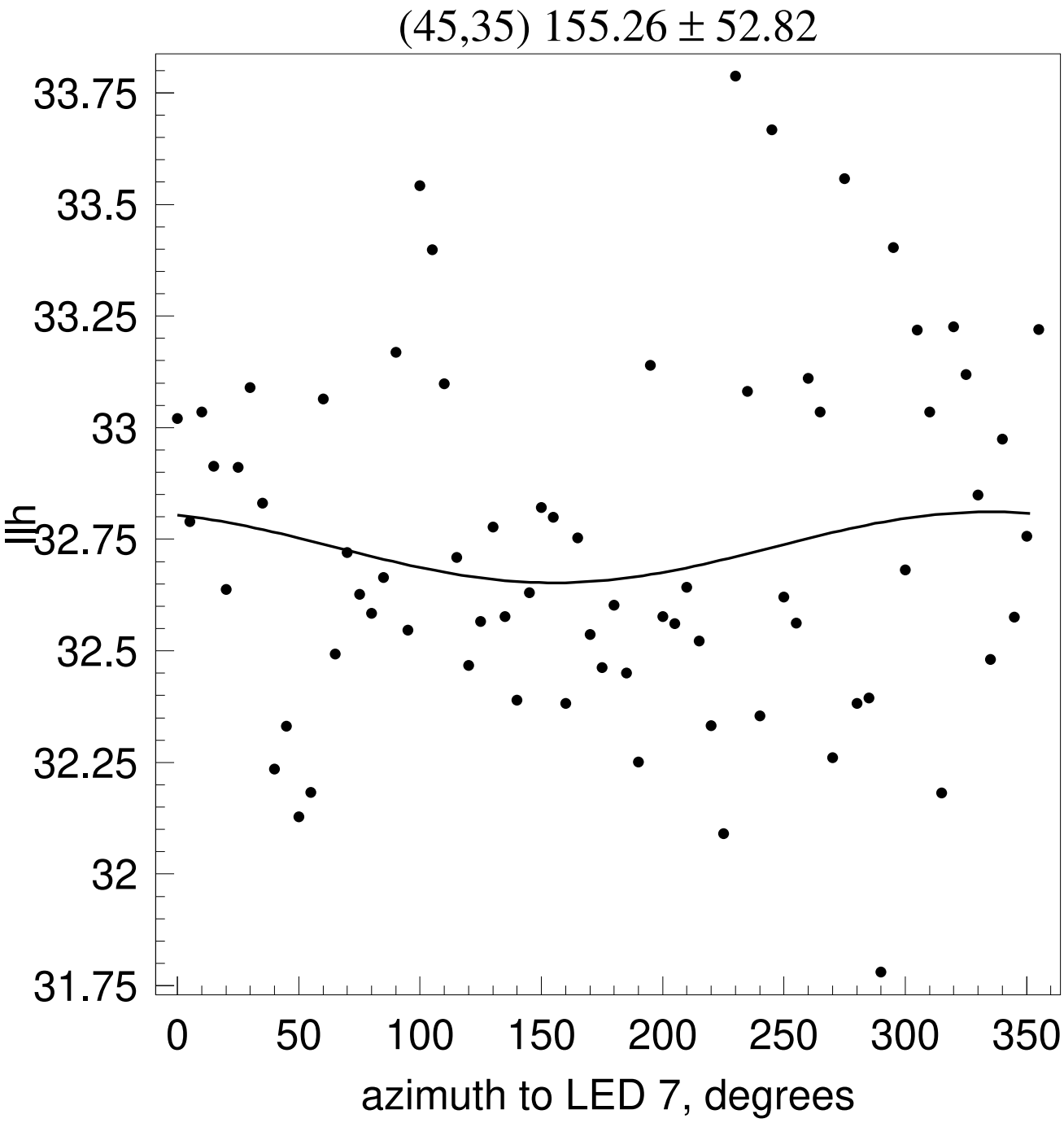

(45,30) 188.21 ± 0.27
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

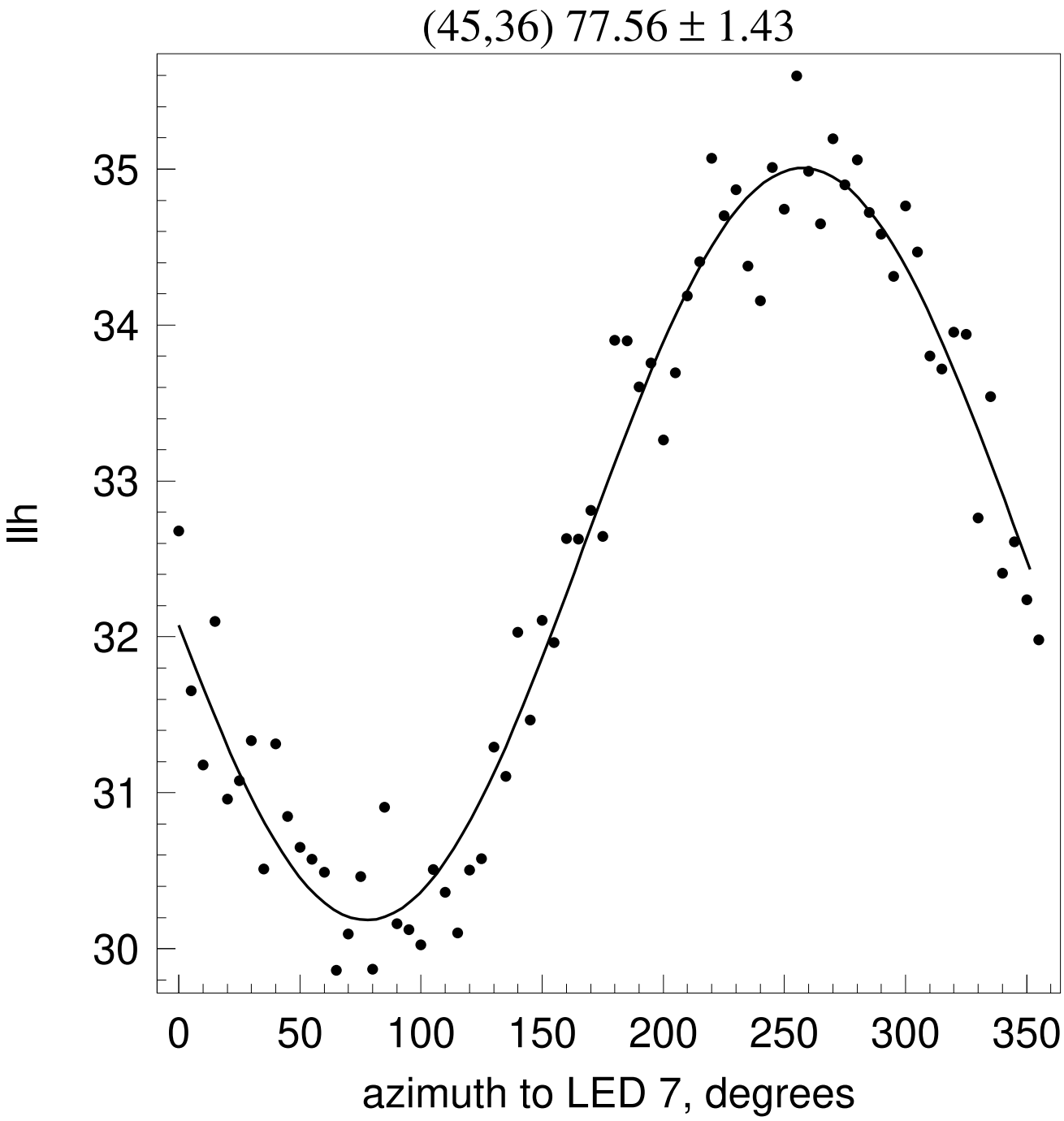

(45,31) 48.66 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

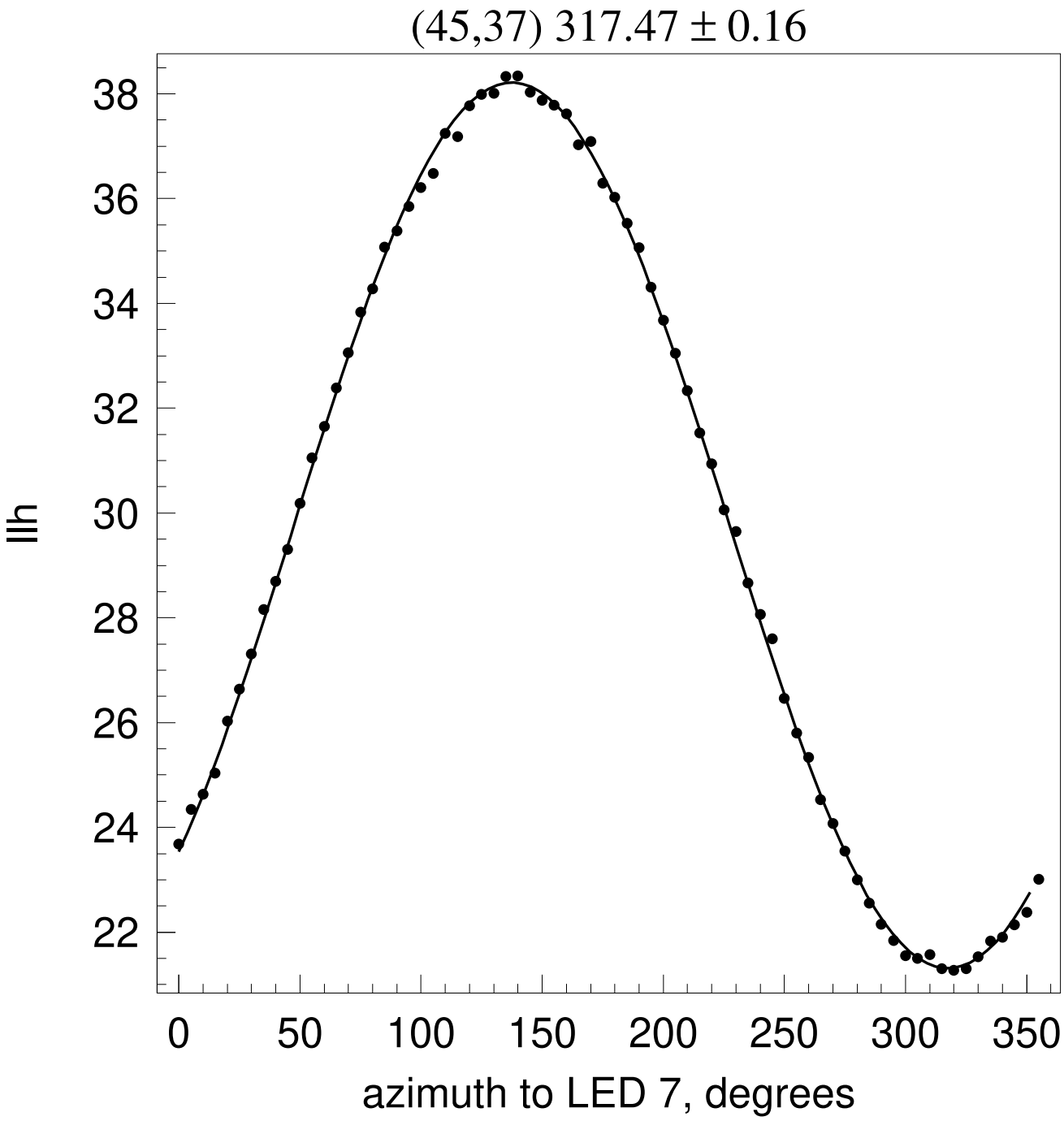

(45,32) 126.69 ± 0.15
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

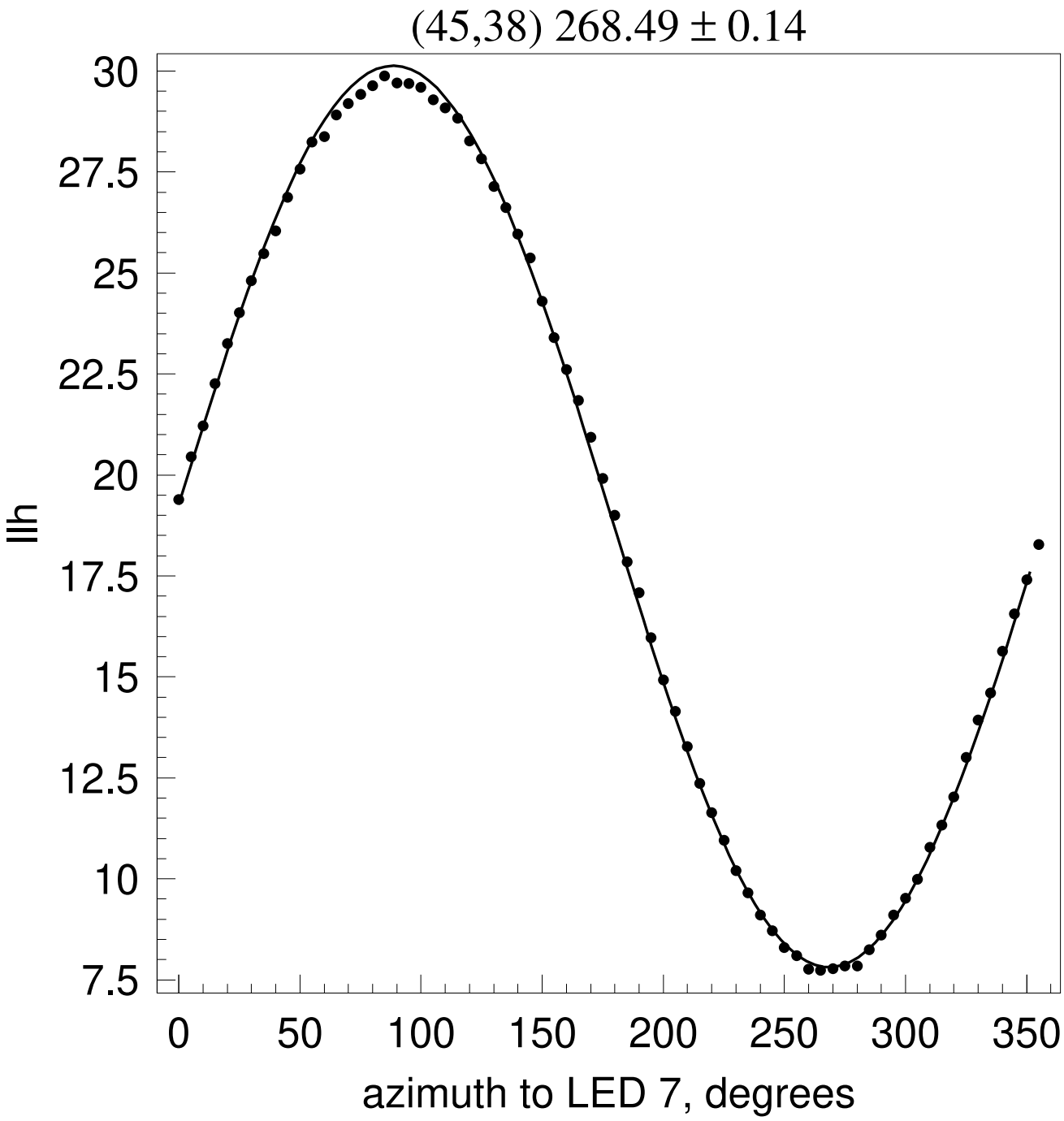

(45,33) 179.33 ± 0.42
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

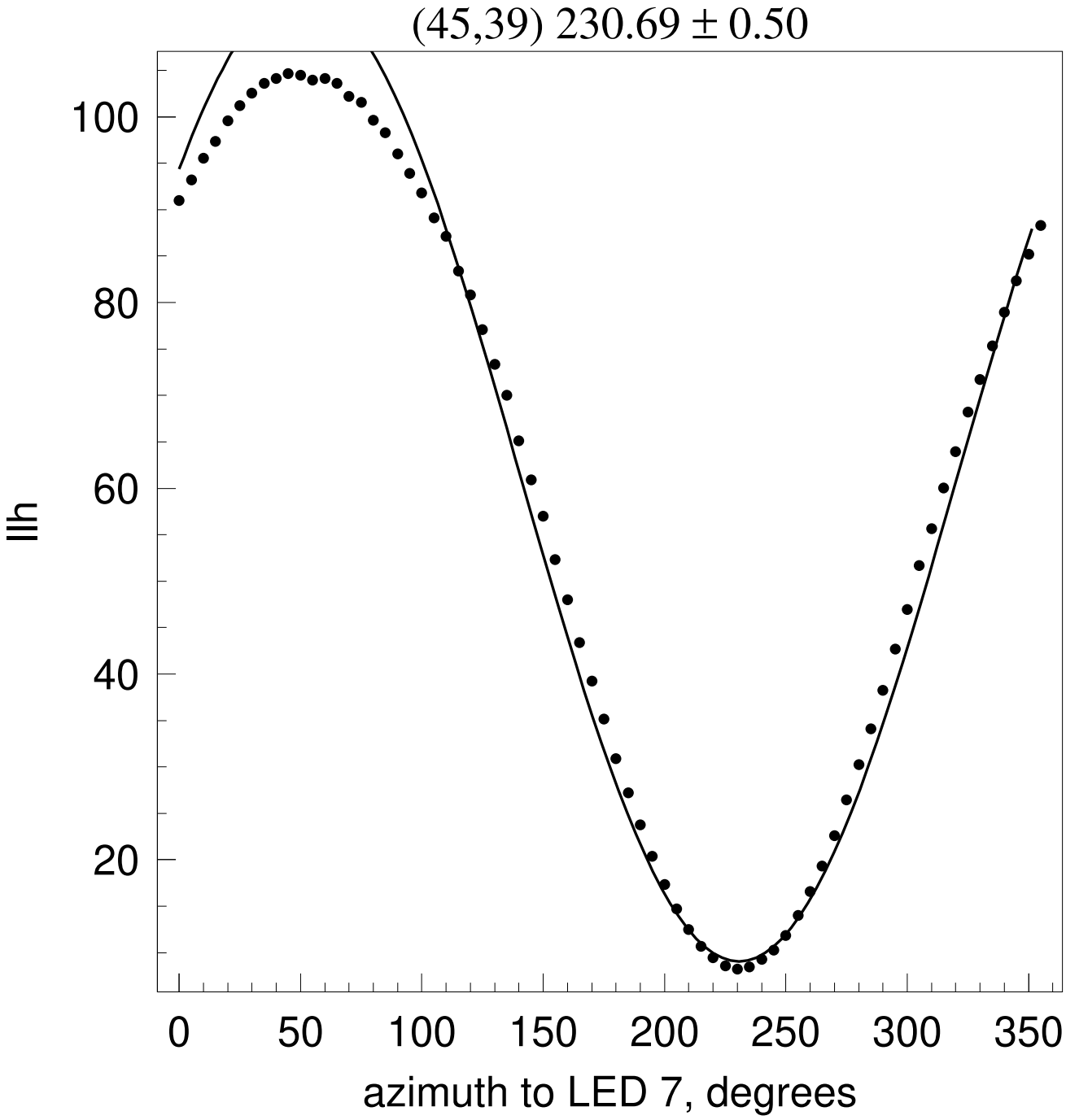

(45,34) 178.50 ± 0.61
40
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

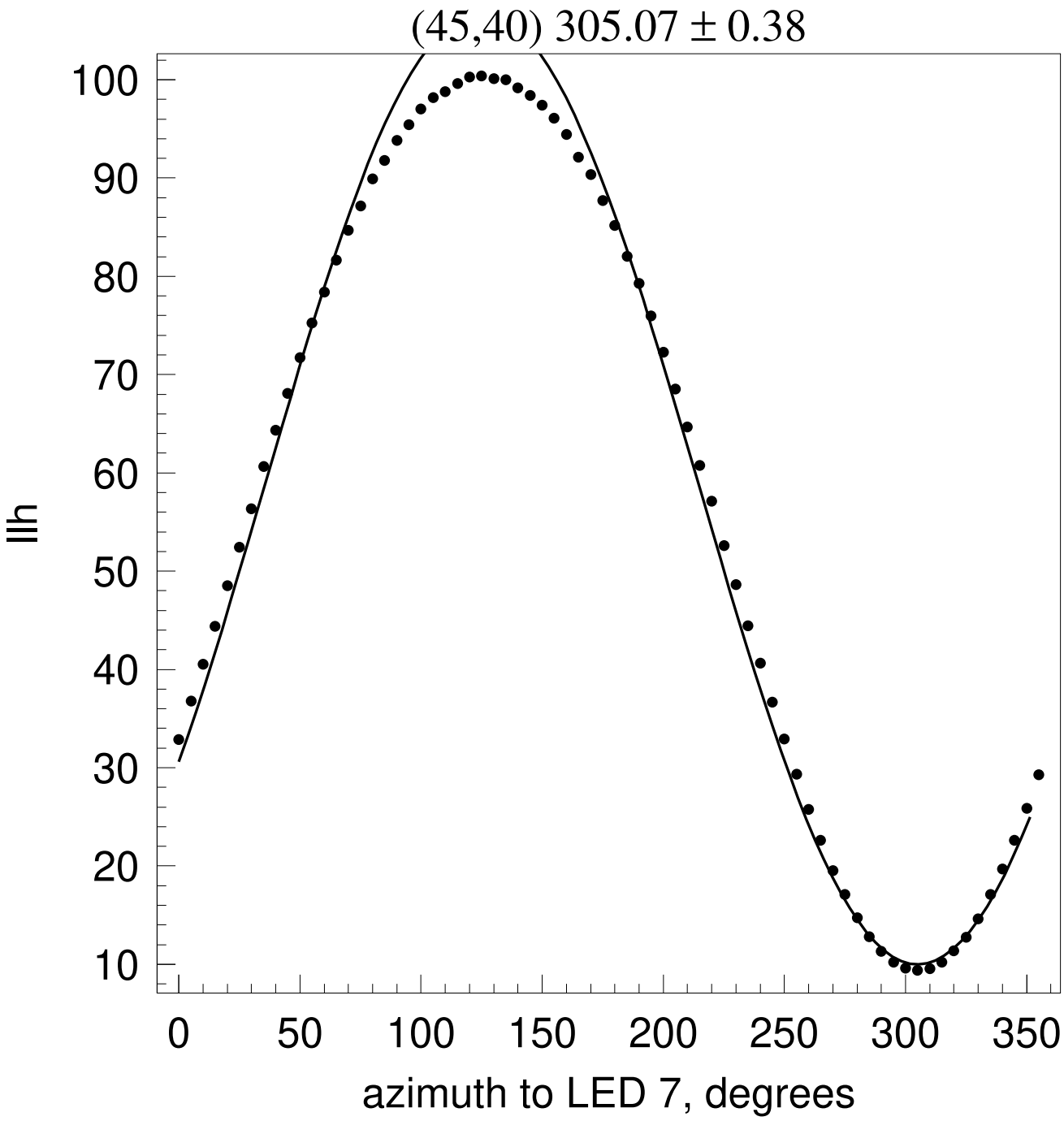

(45,35) 155.26 ± 52.82
33.75
33.5
33.25
33
32.75
32.5
32.25
32
31.75
μ
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

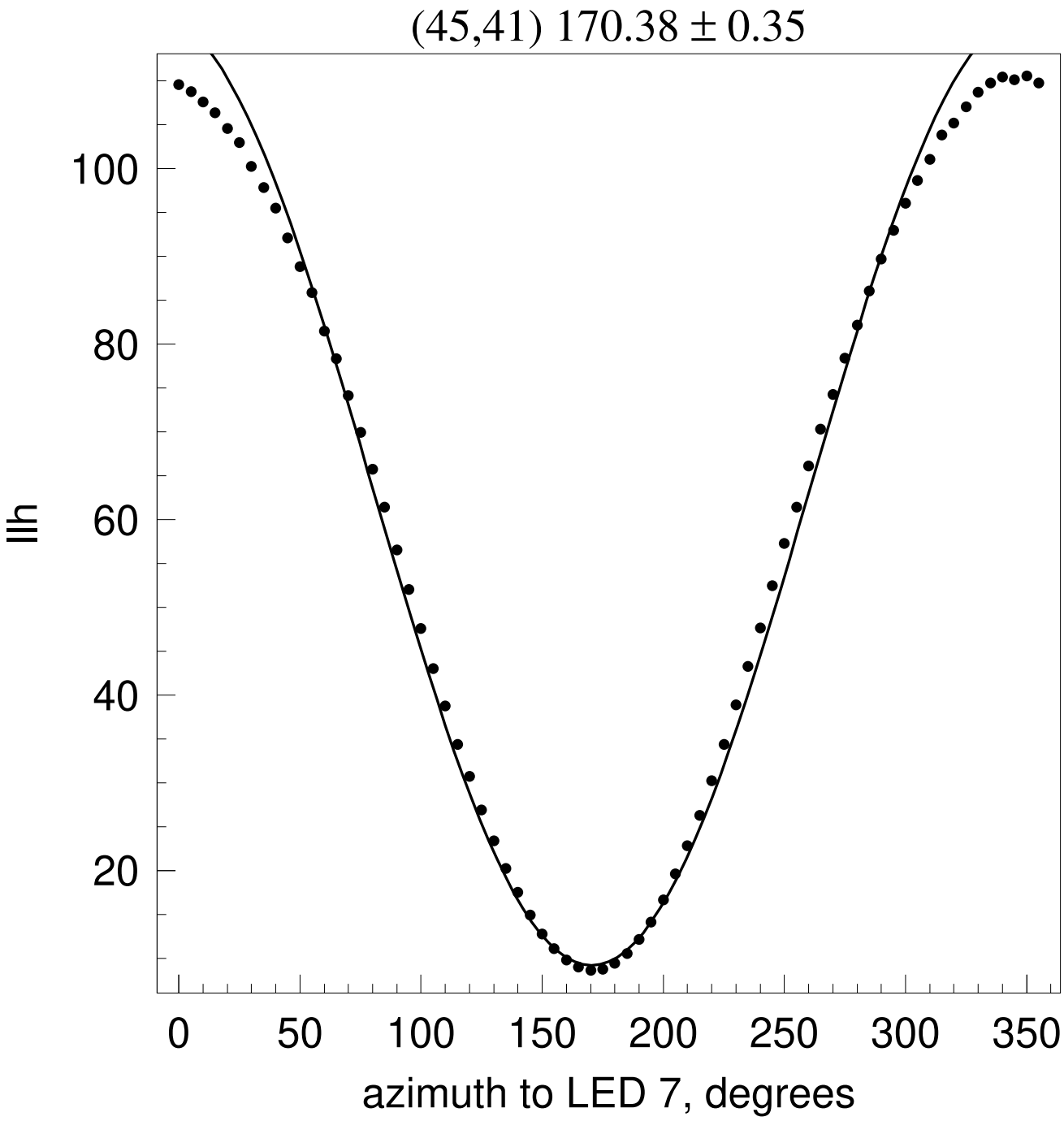

(45,36) 77.56 ± 1.43
35
34
33
32
31
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

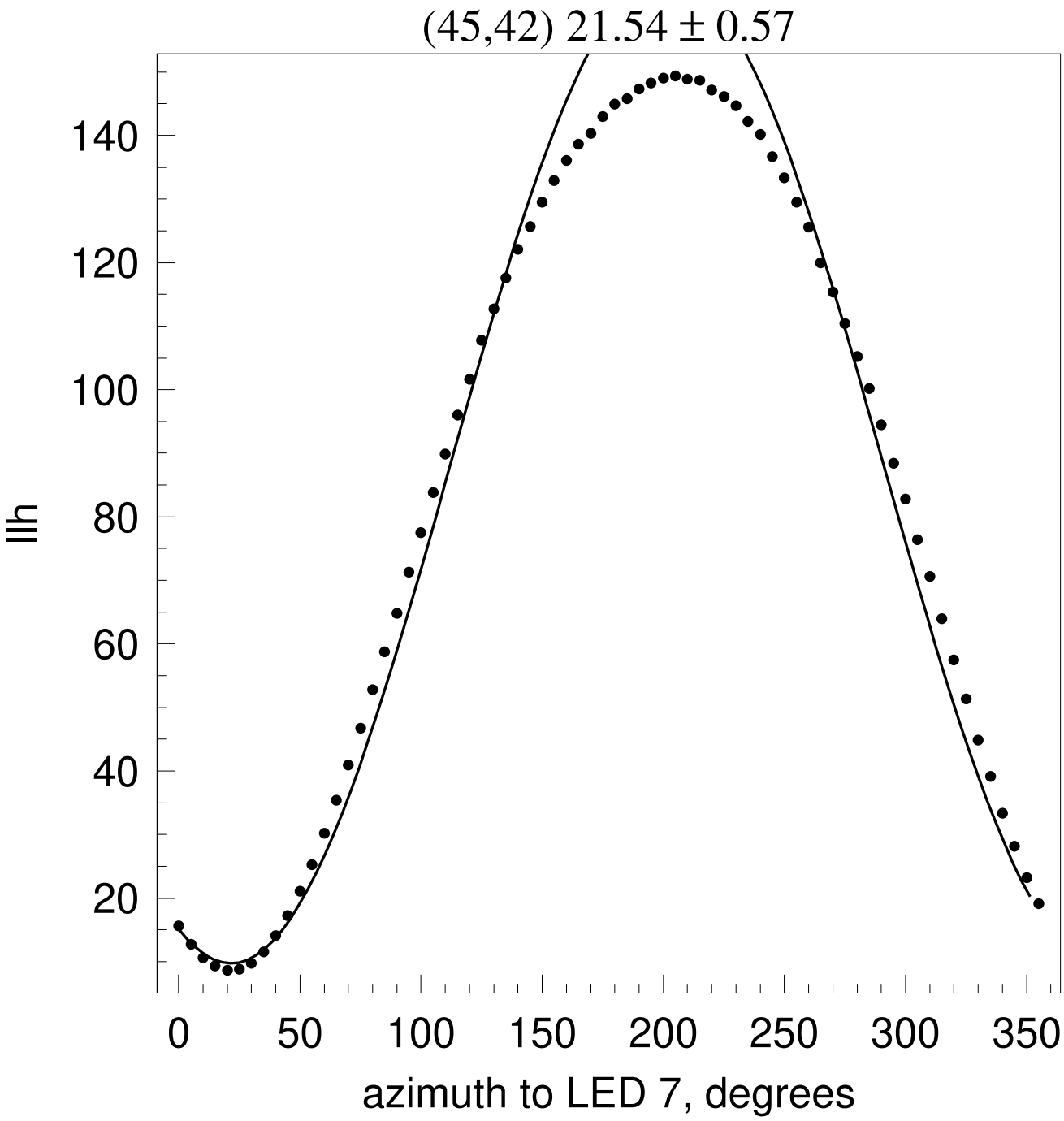

(45,37) 317.47 ± 0.16
38
36
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

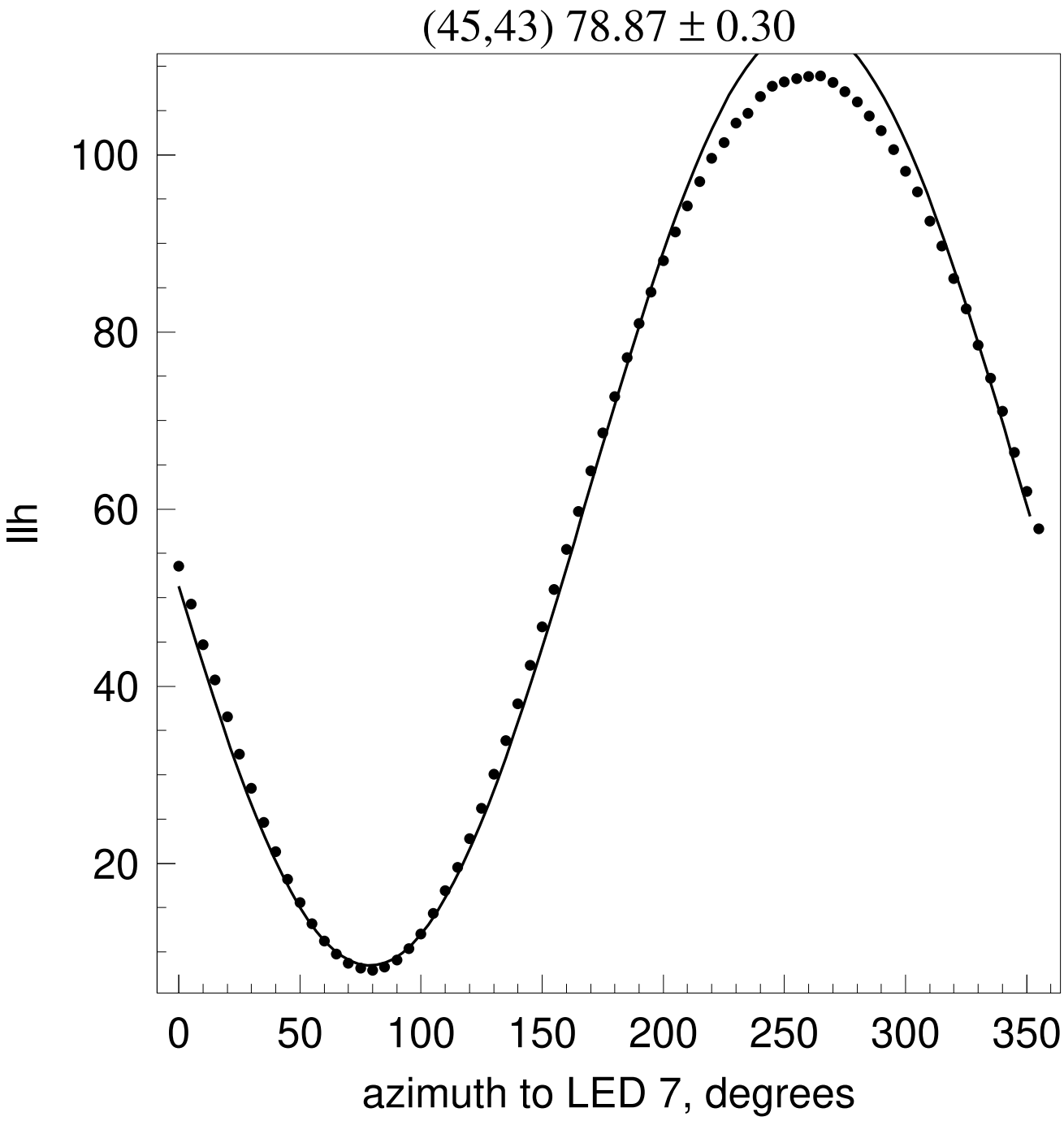

(45,38) 268.49 ± 0.14
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

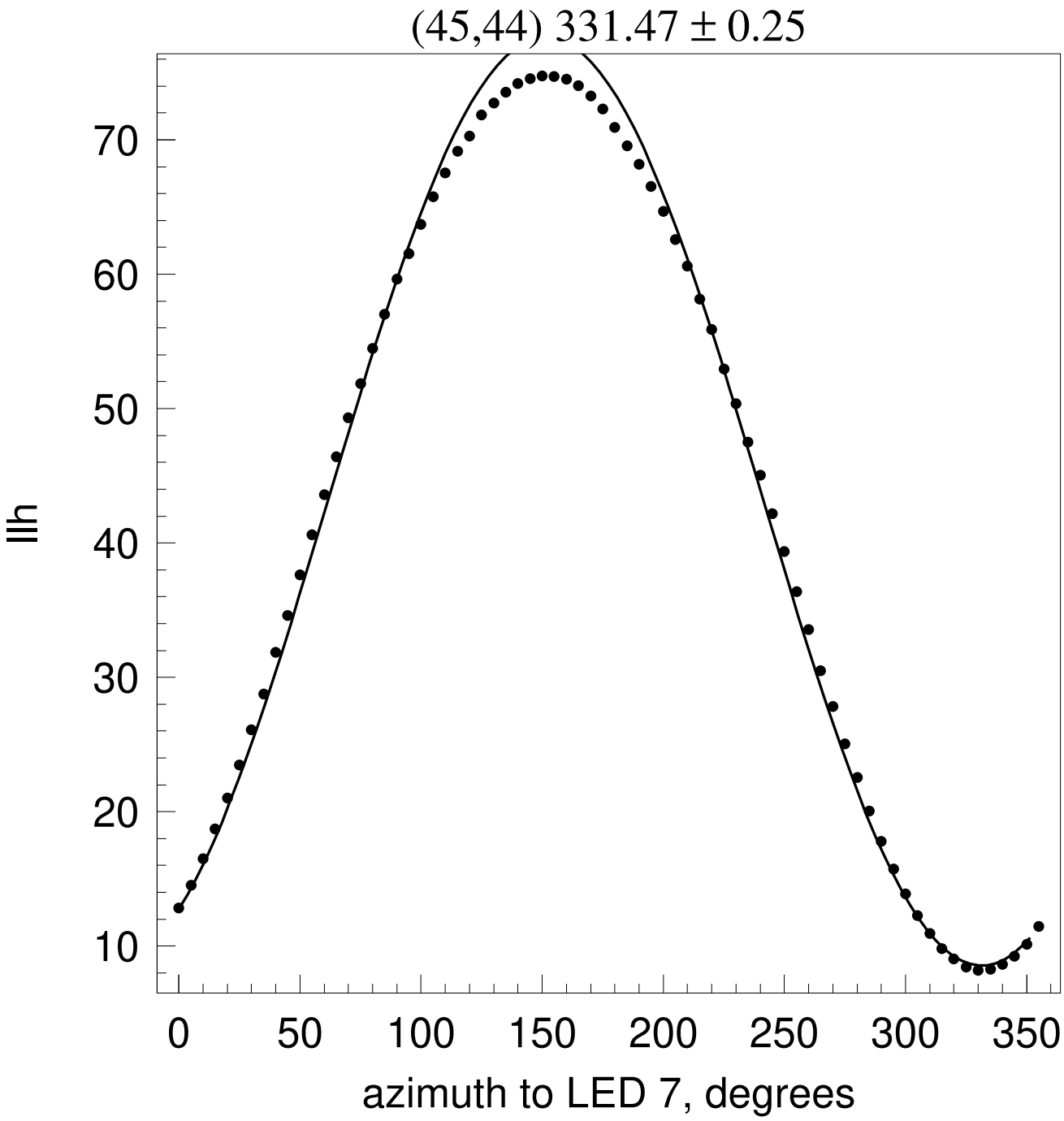

(45,39) 230.69 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

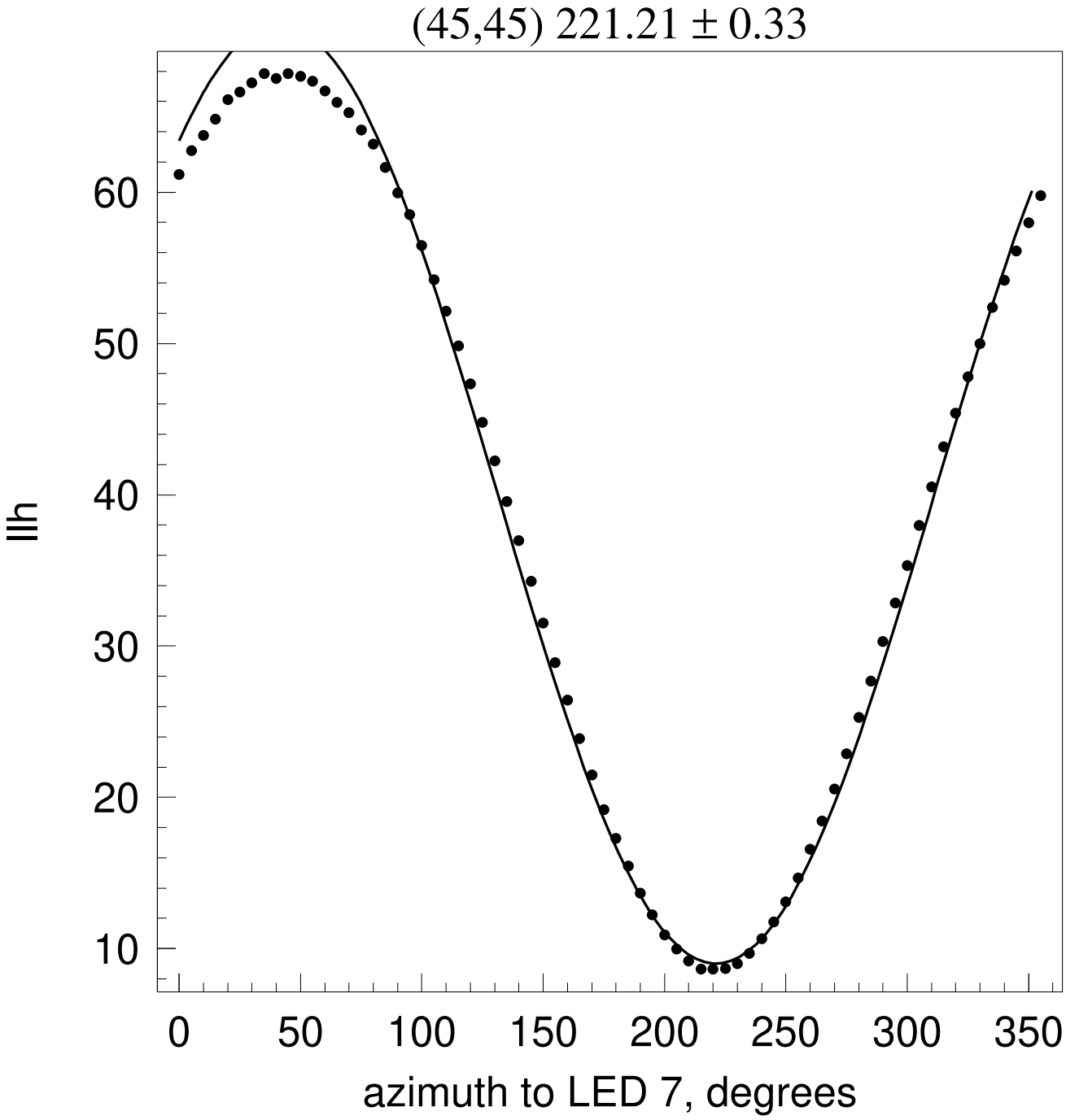

(45,40) 305.07 ± 0.38
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

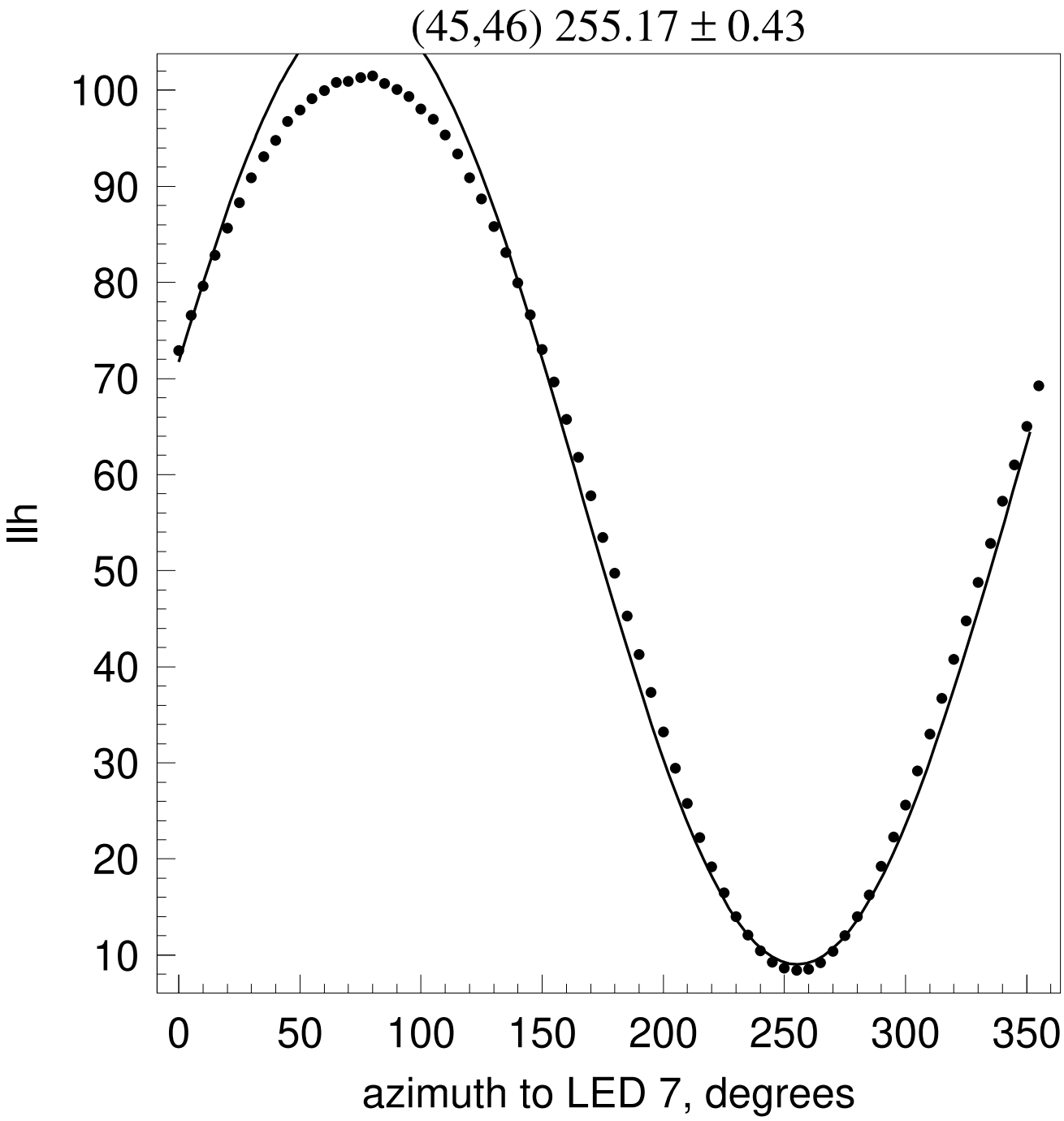

(45,41) 170.38 ± 0.35
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

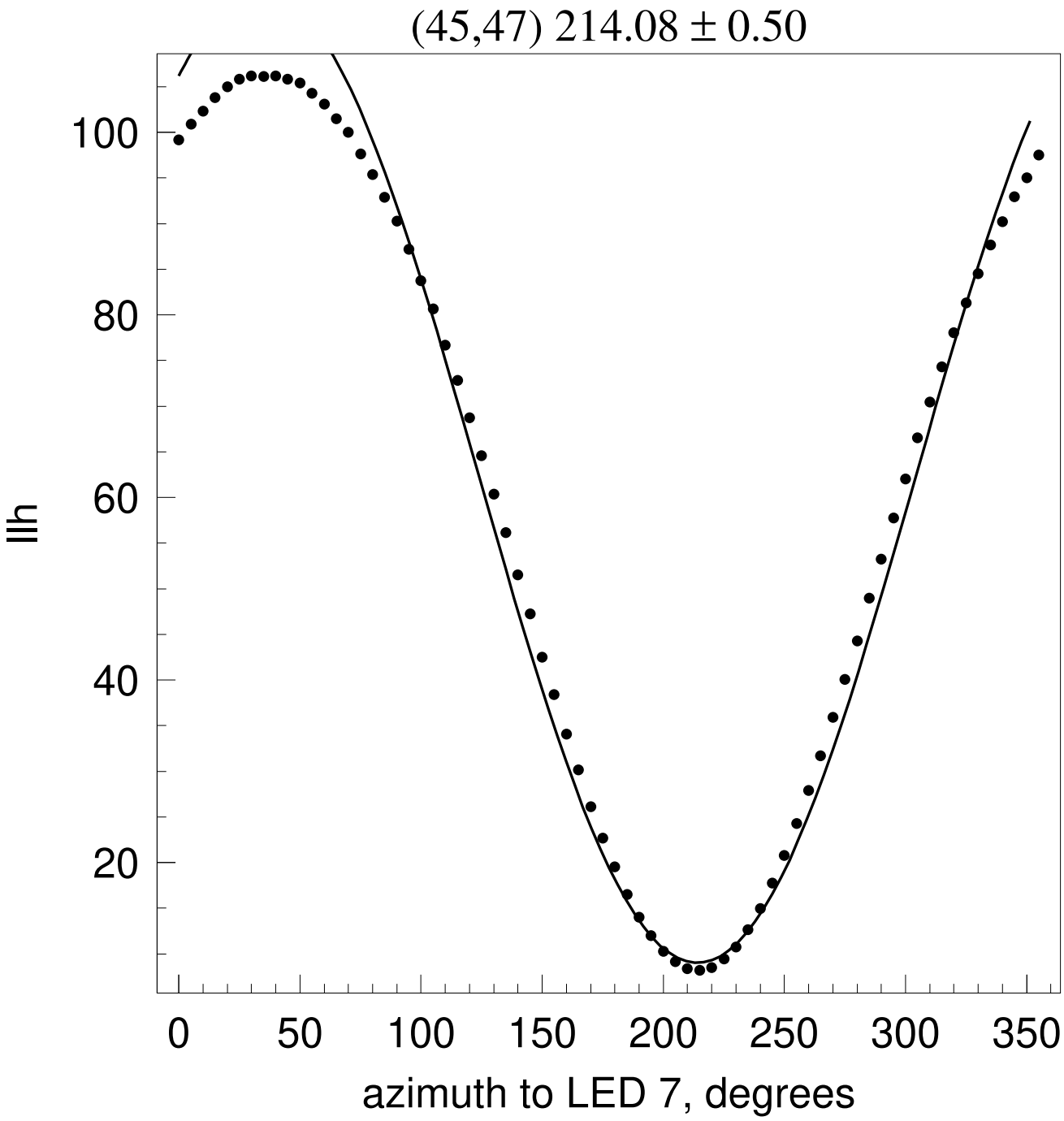

(45,42) 21.54 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

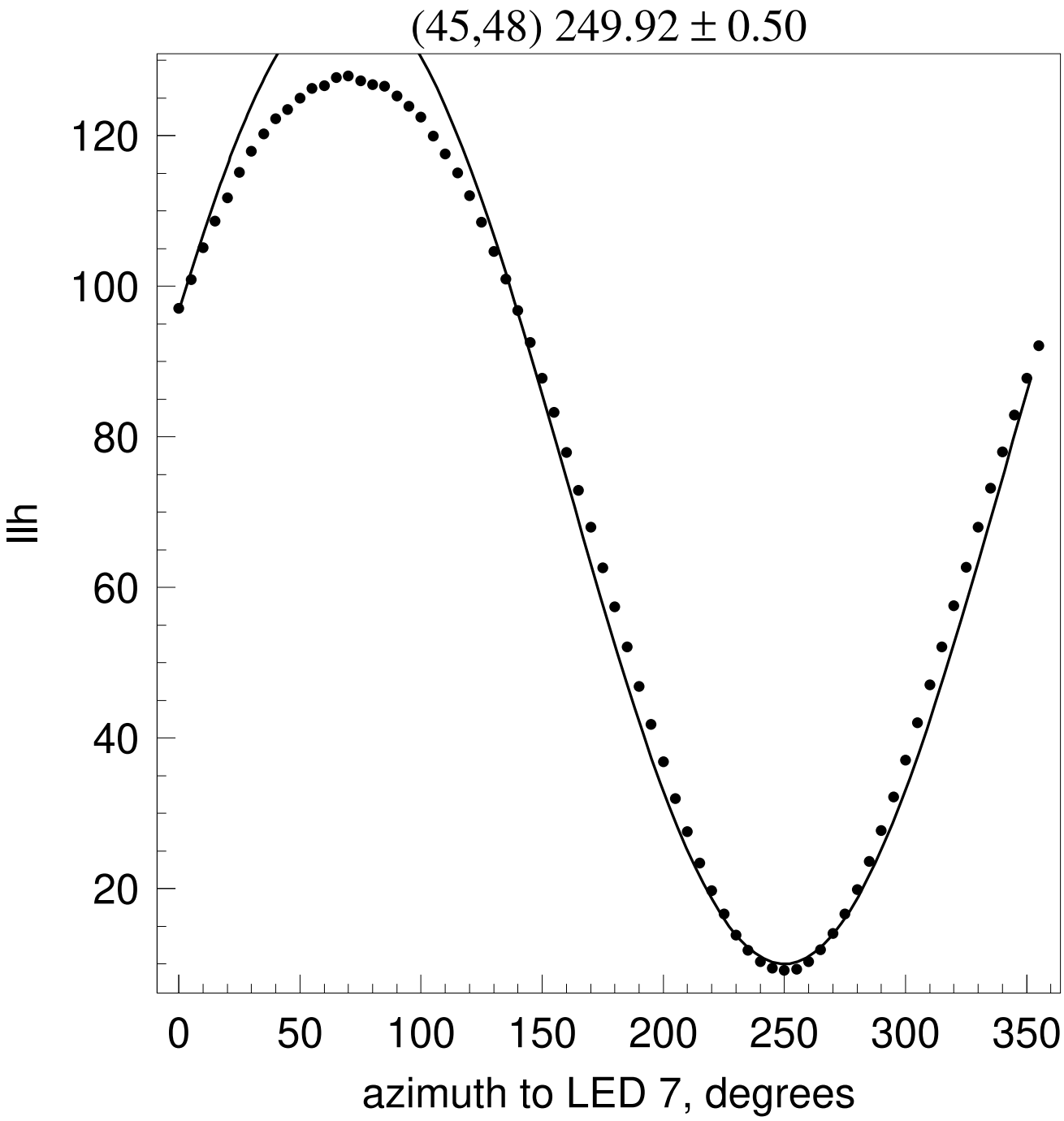

(45,43) 78.87 ± 0.30
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

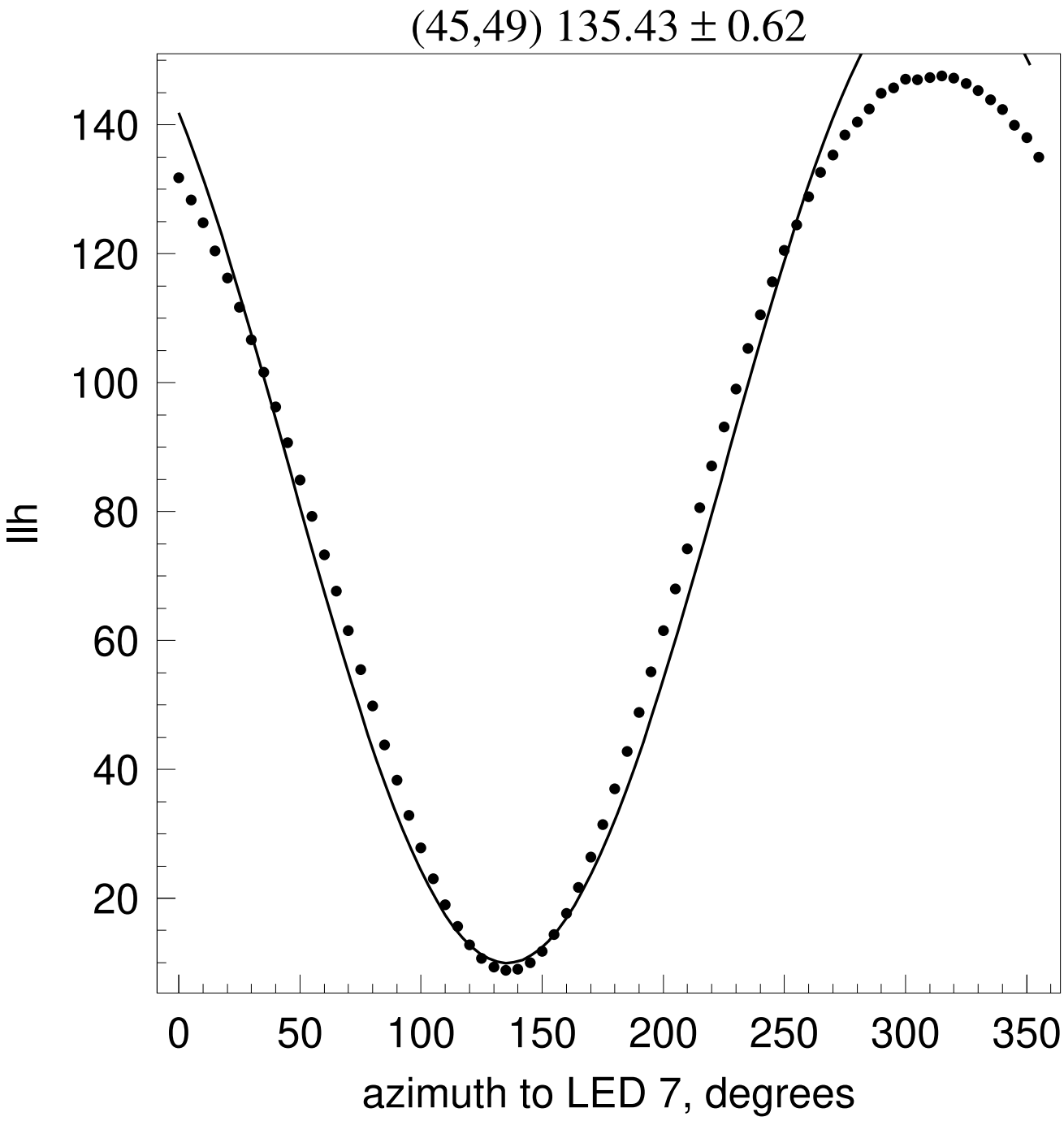

(45,44) 331.47 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

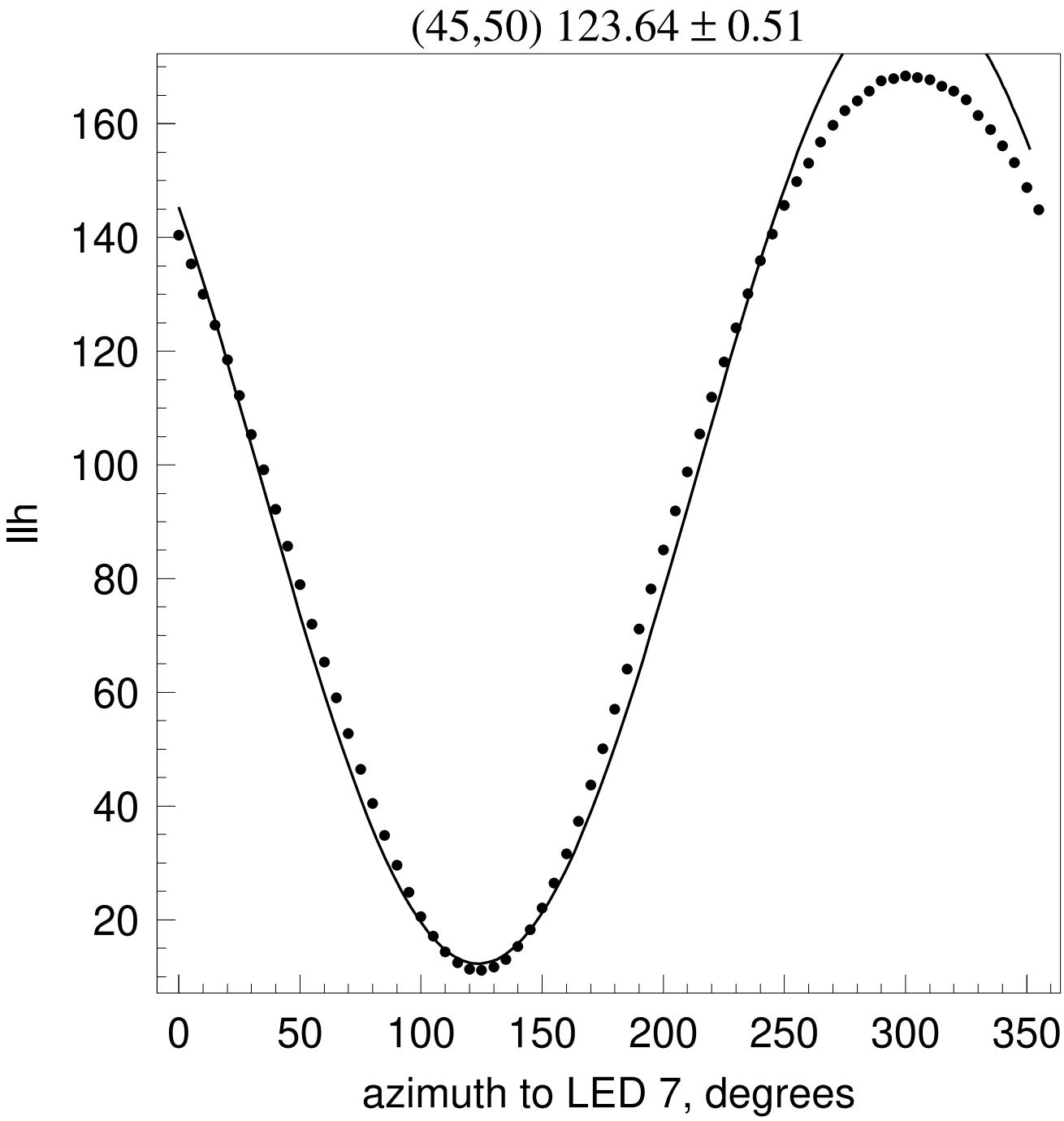

(45,45) 221.21 ± 0.33
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

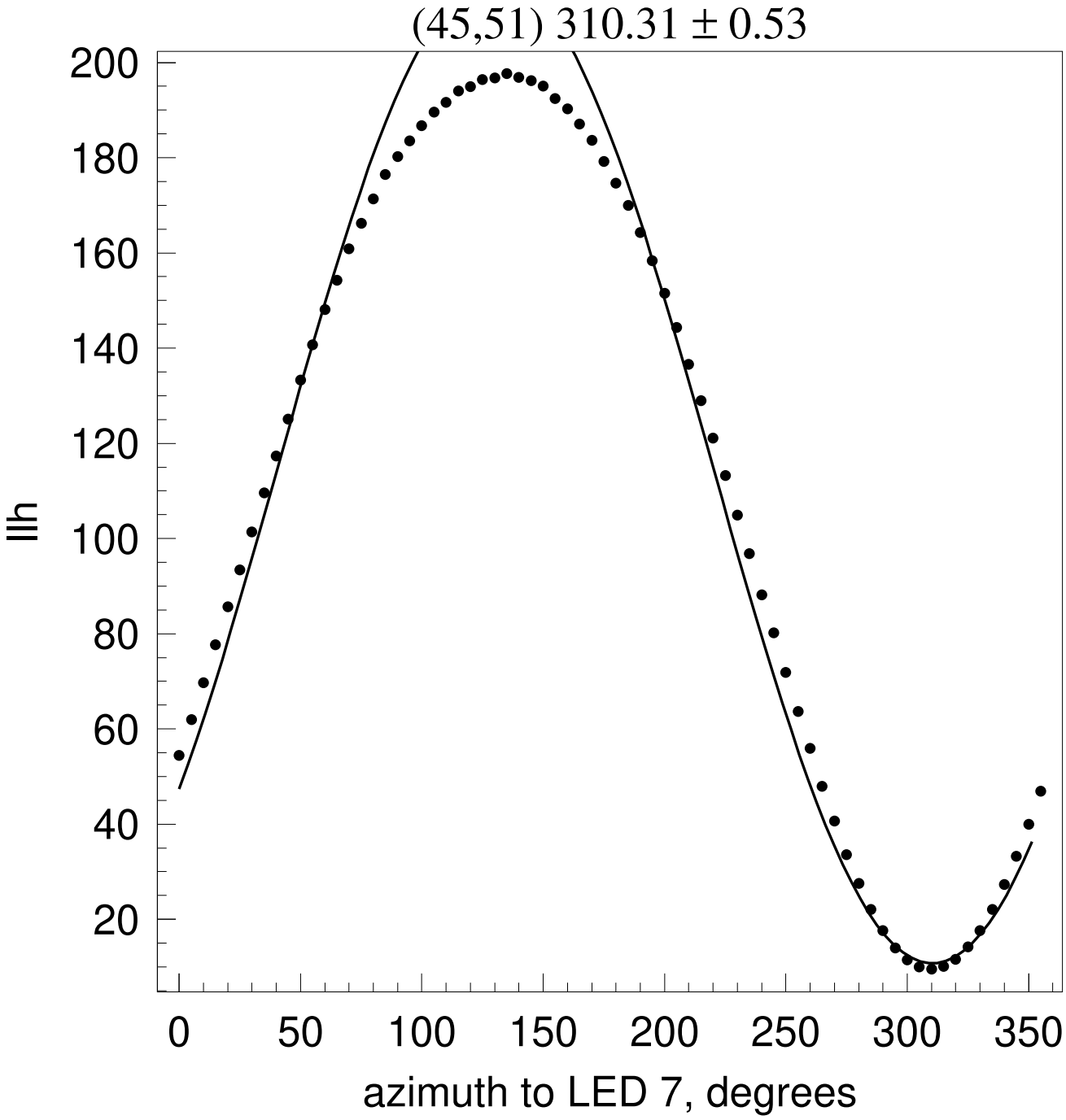

(45,46) 255.17 ± 0.43
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

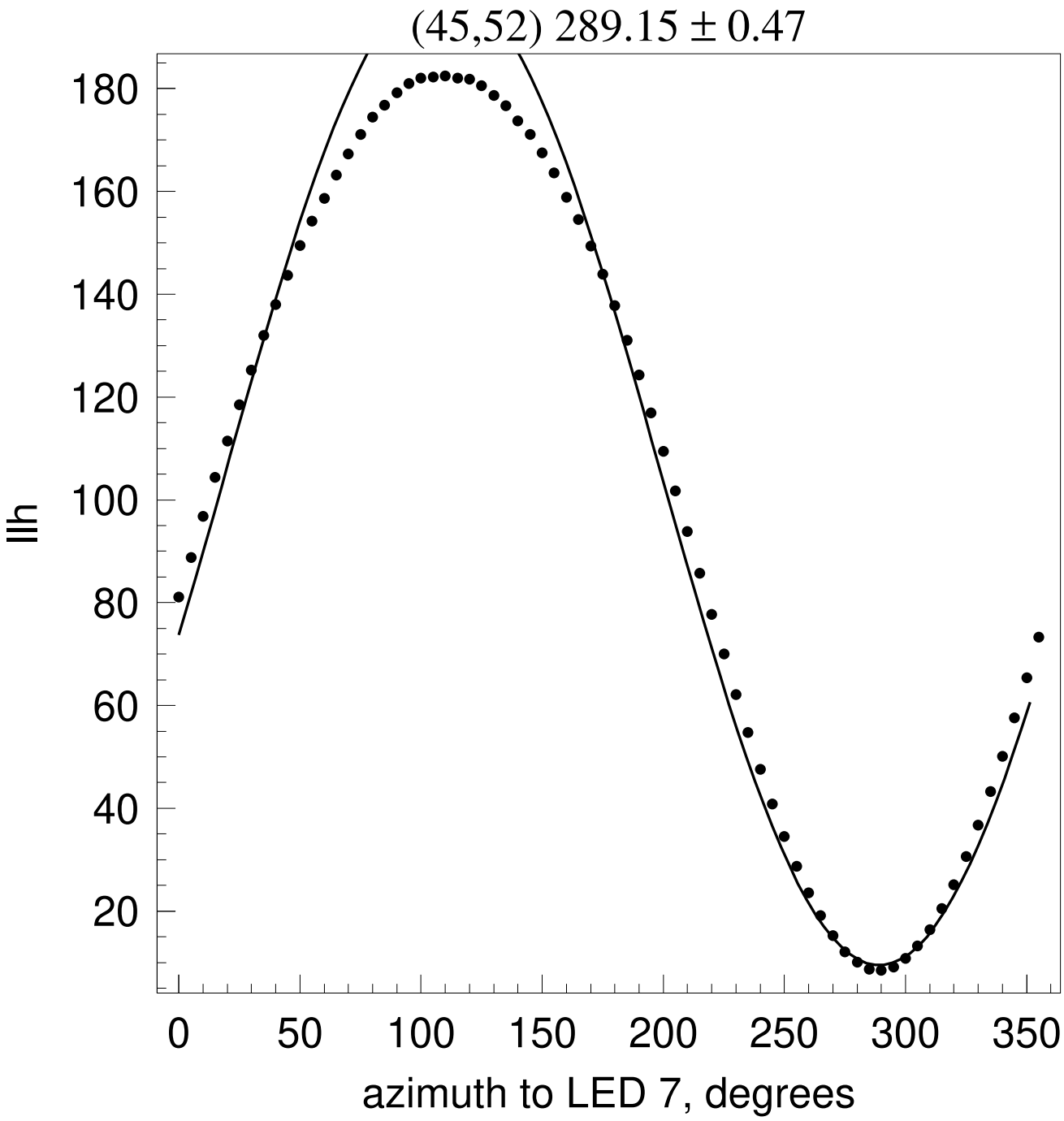

(45,47) 214.08 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

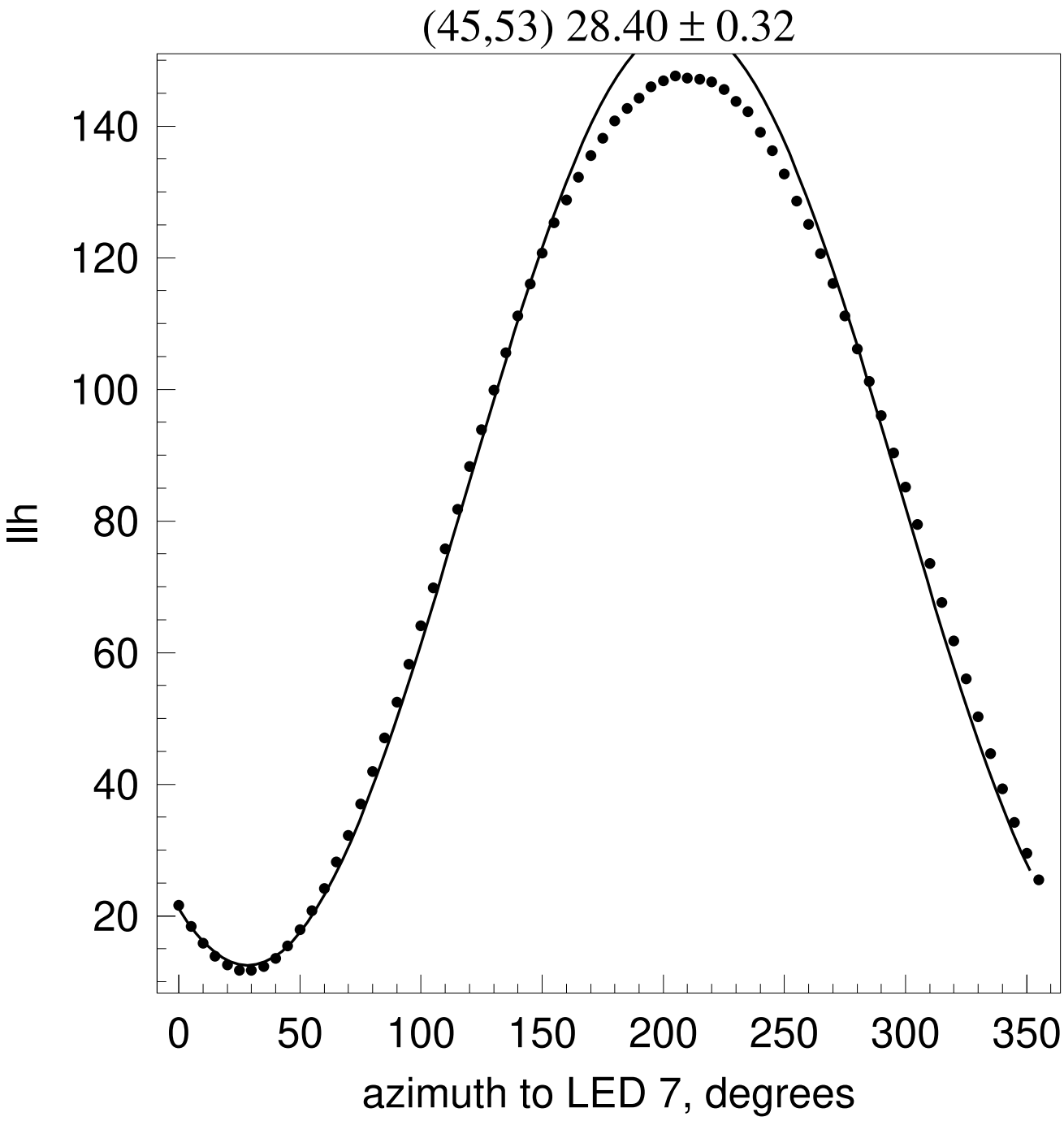

(45,48) 249.92 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

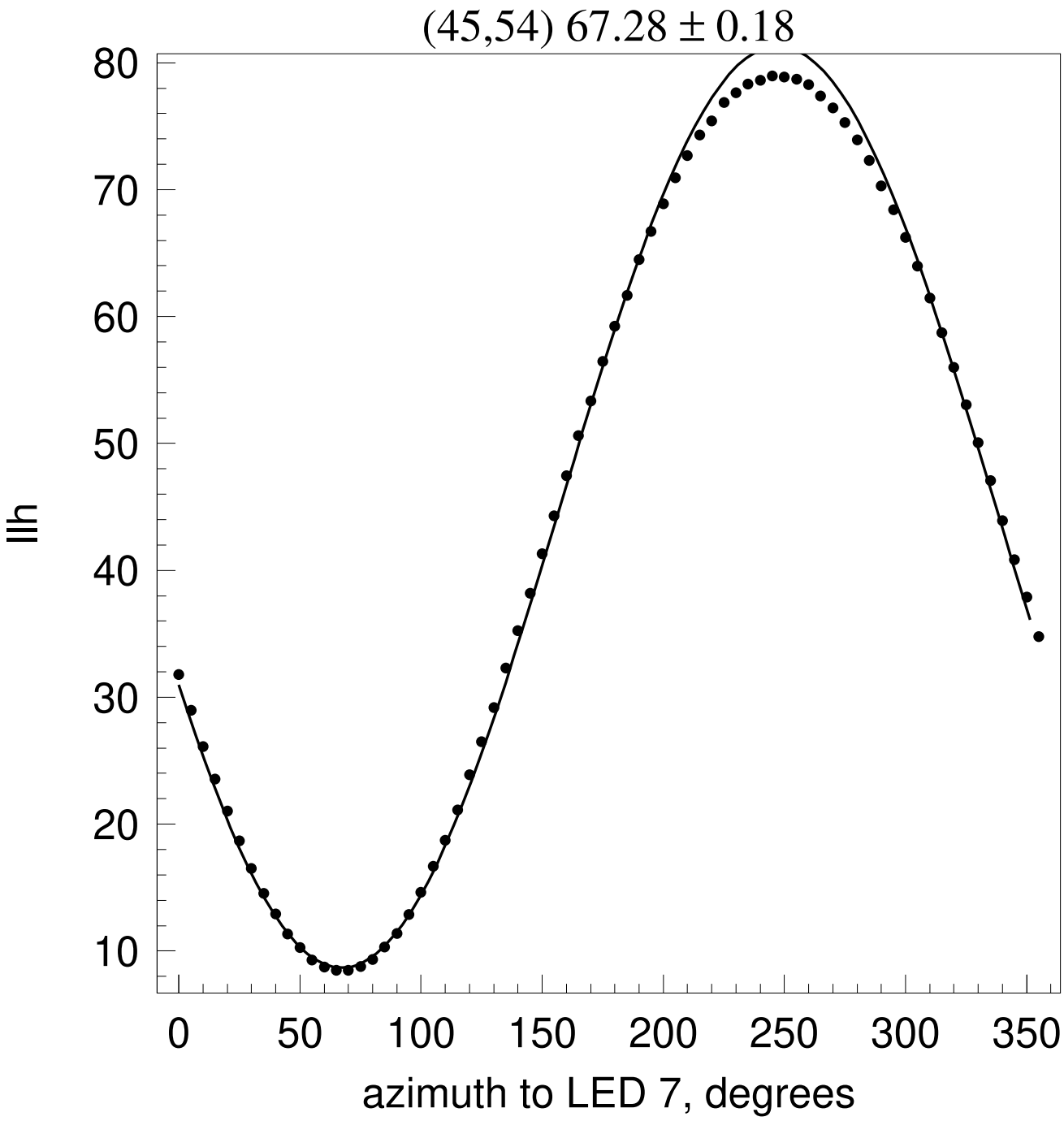

(45,49) 135.43 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

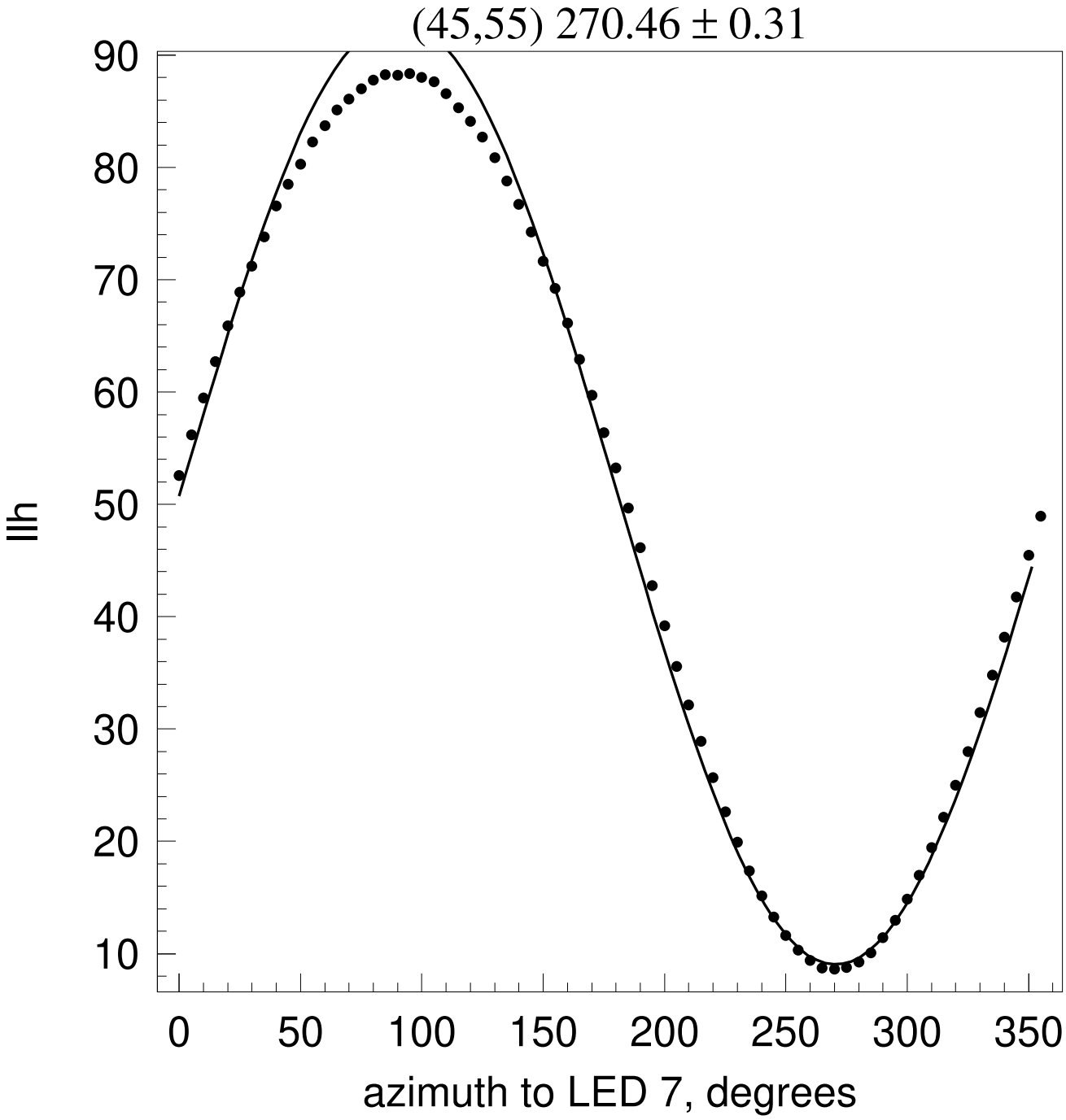

(45,50) 123.64 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

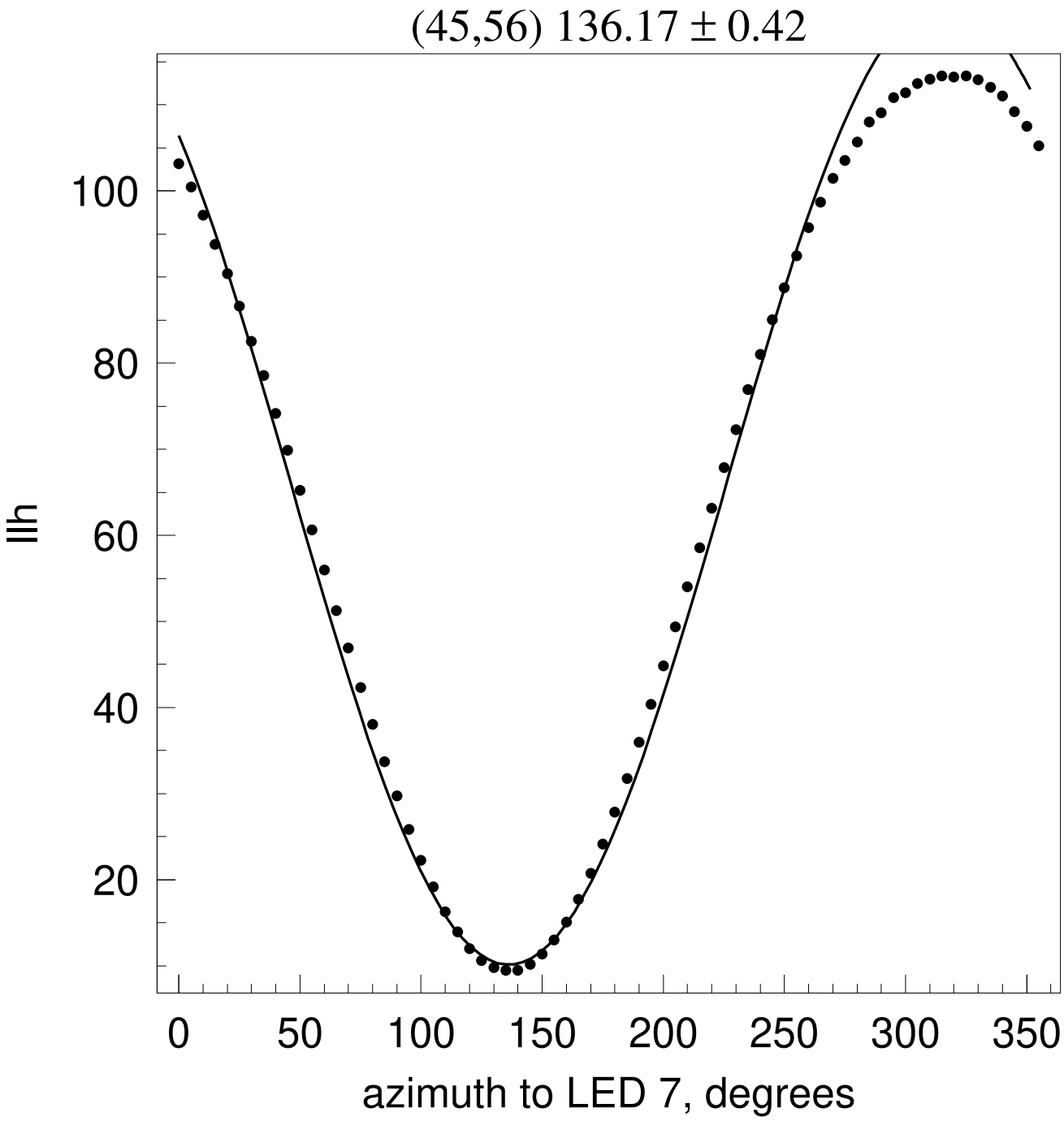

(45,51) 310.31 ± 0.53
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

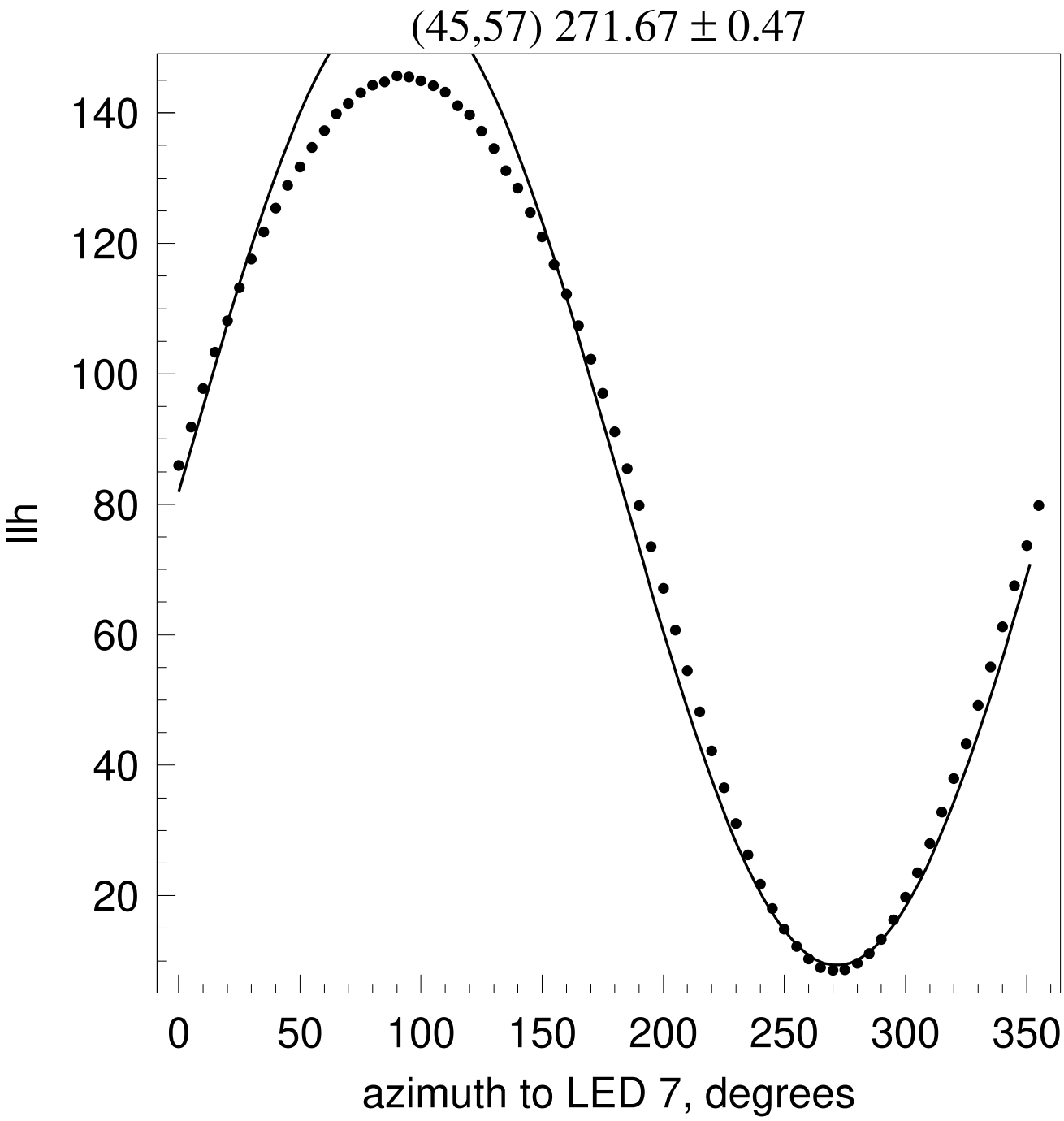

(45,52) 289.15 ± 0.47
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

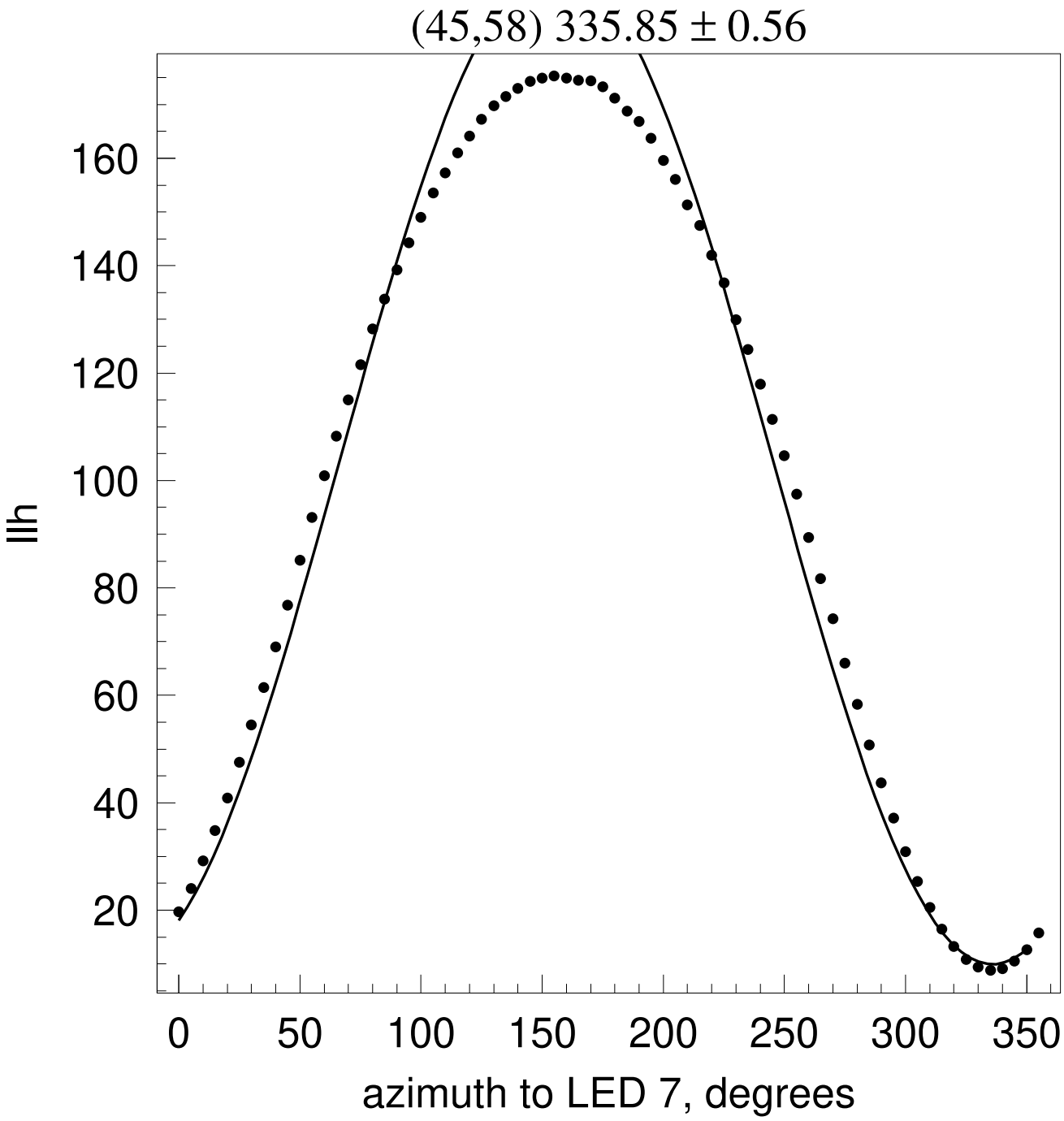

(45,53) 28.40 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

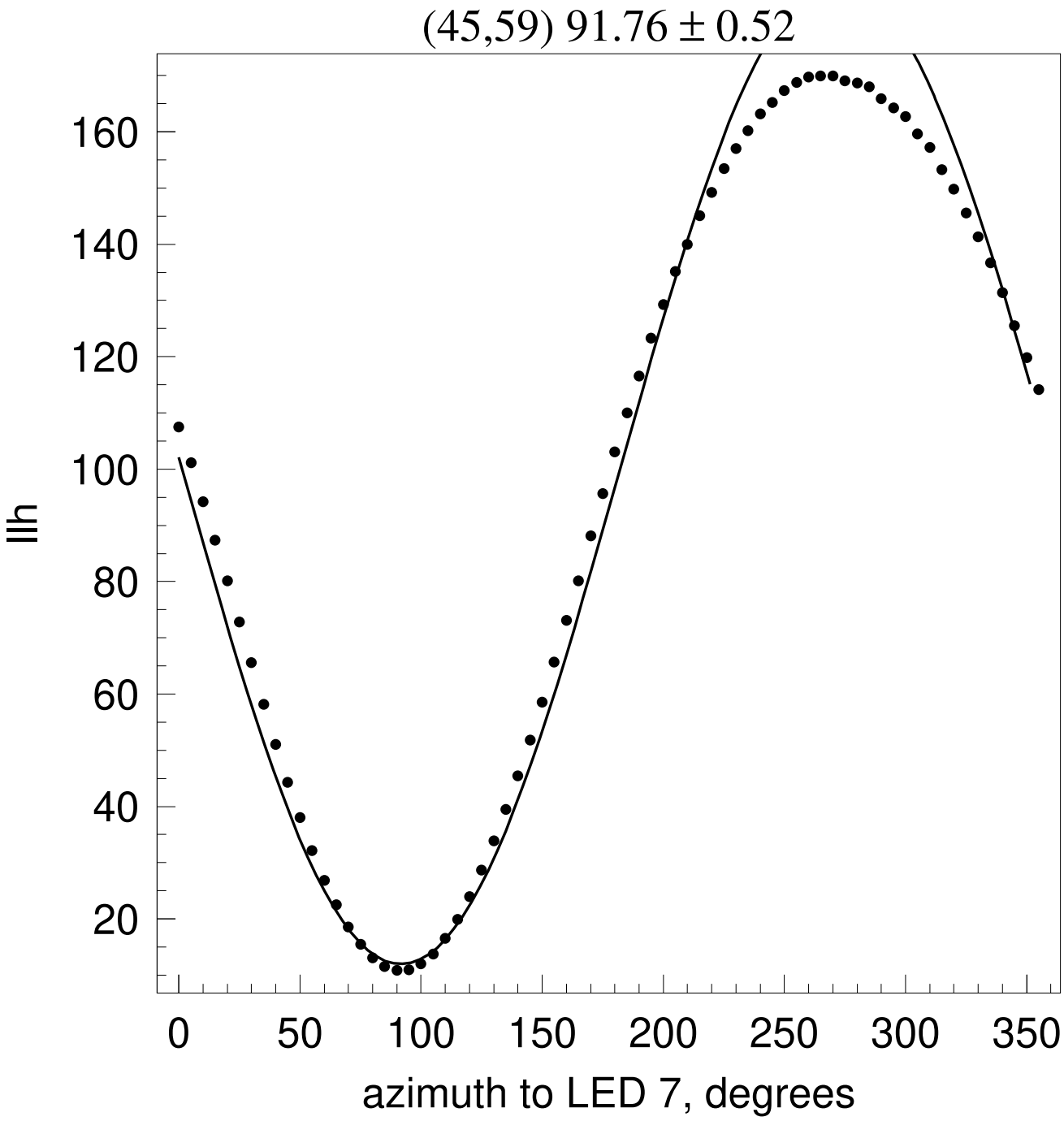

(45,54) 67.28 ± 0.18
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

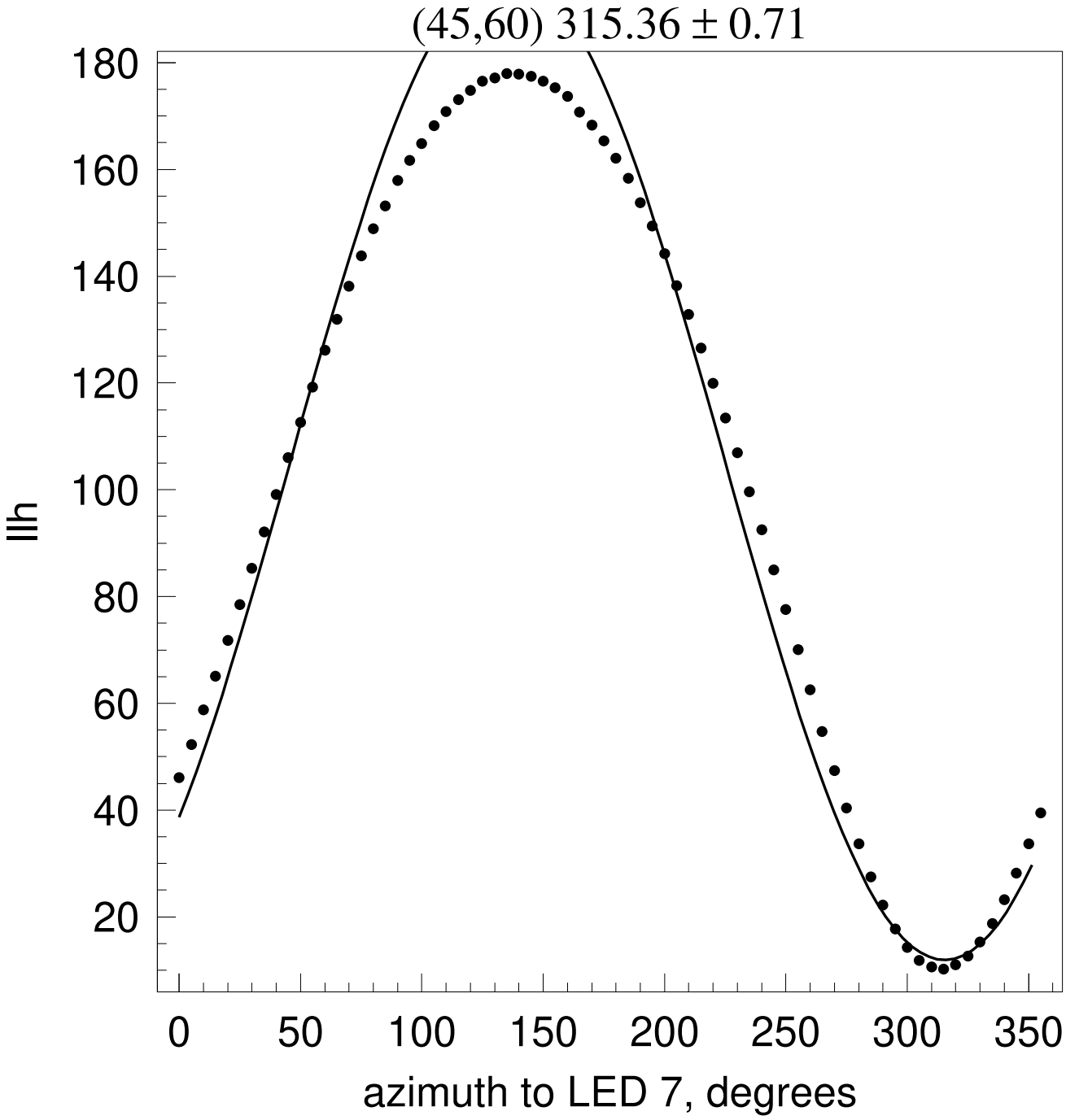

(45,55) 270.46 ± 0.31
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

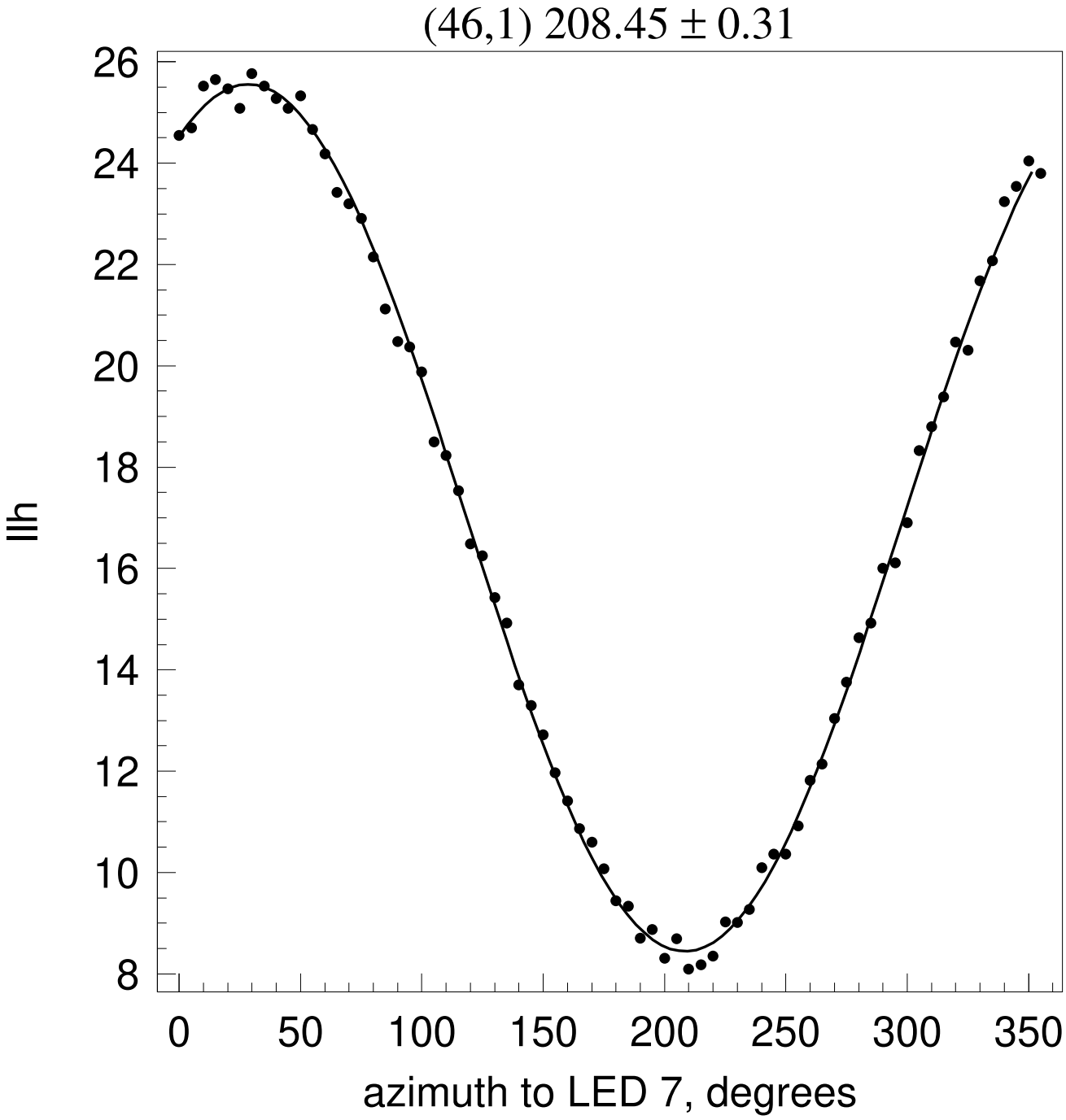

(45,56) 136.17 ± 0.42
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

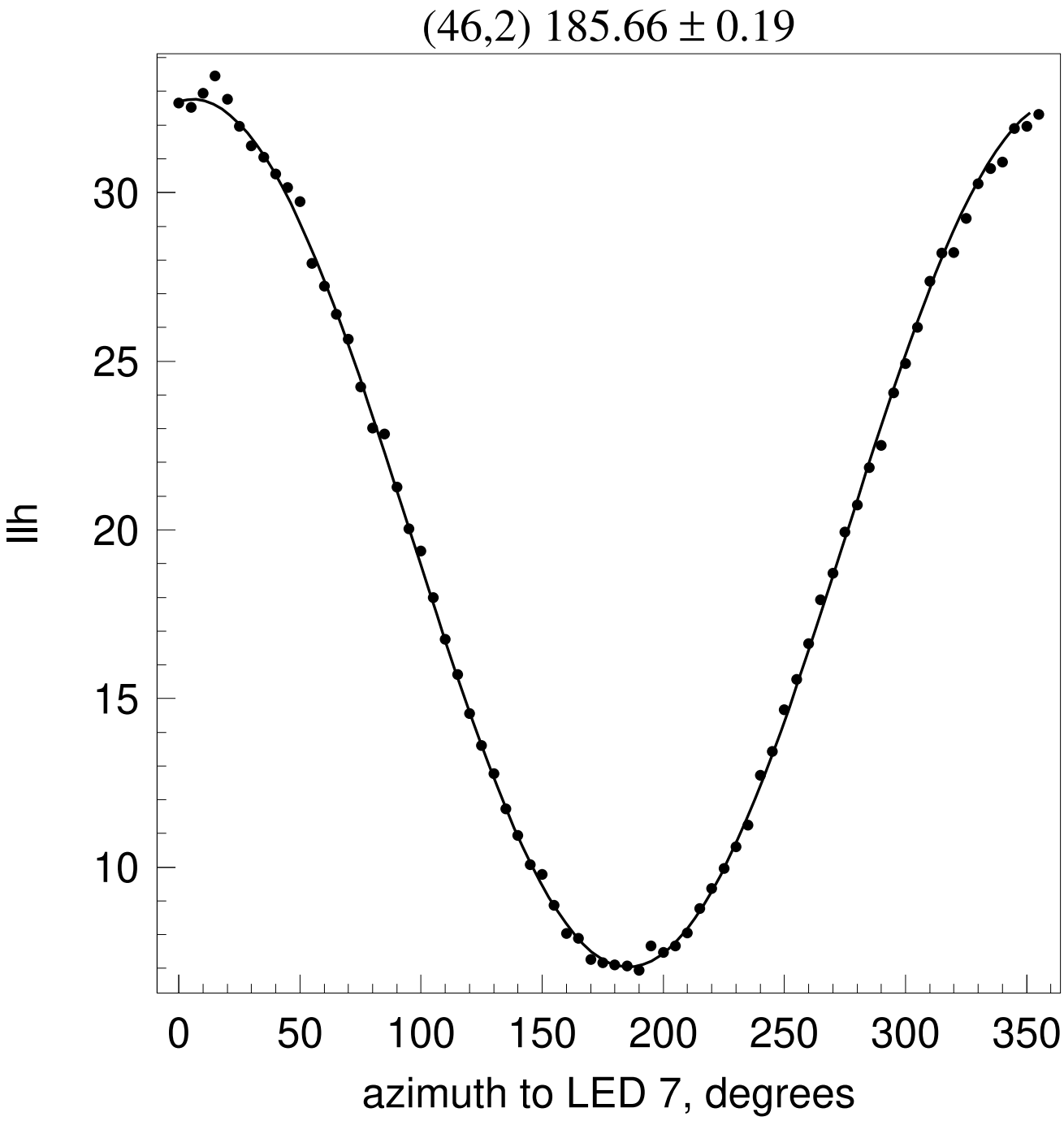

(45,57) 271.67 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

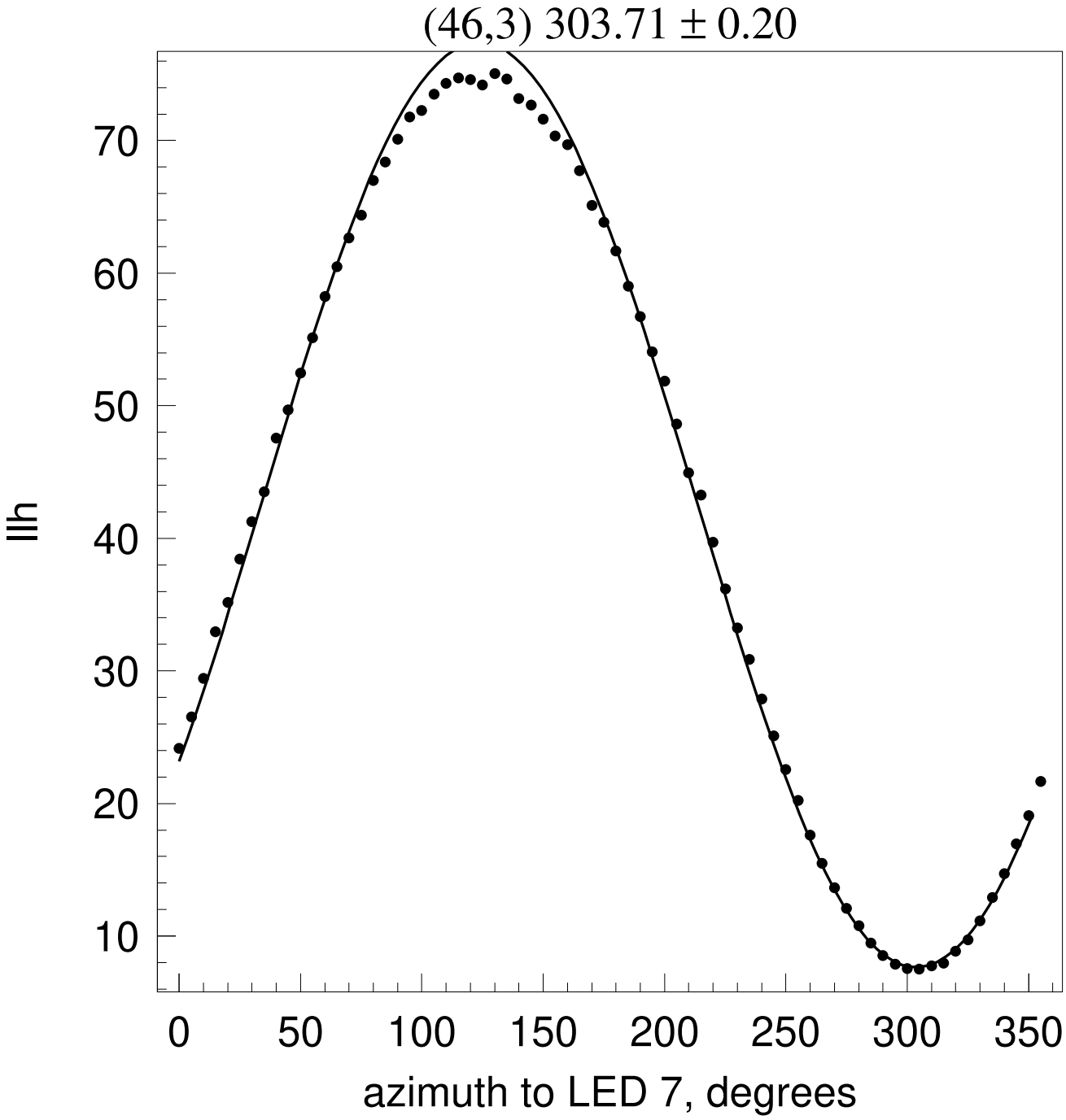

(45,58) 335.85 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

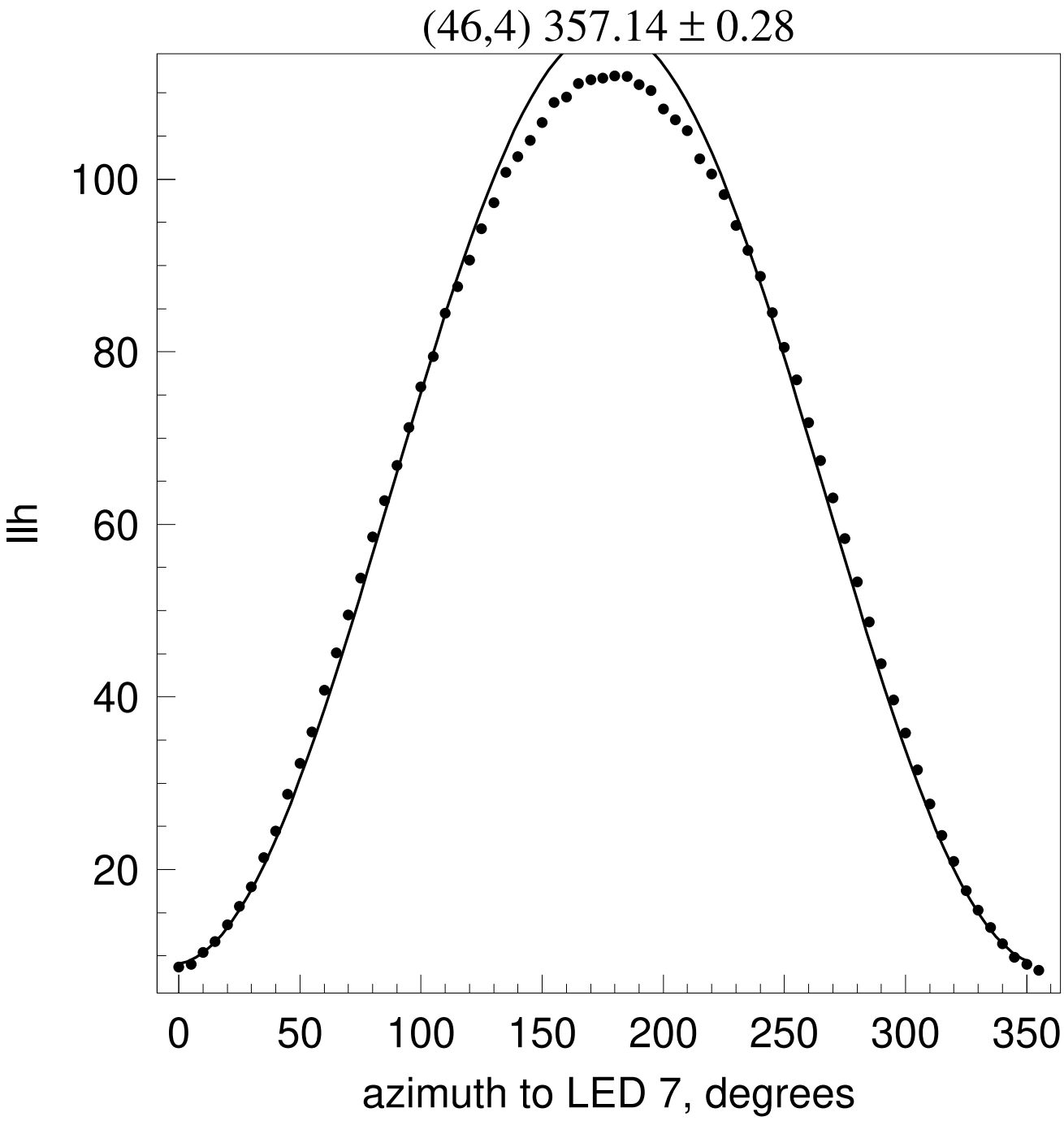

(45,59) 91.76 ± 0.52
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

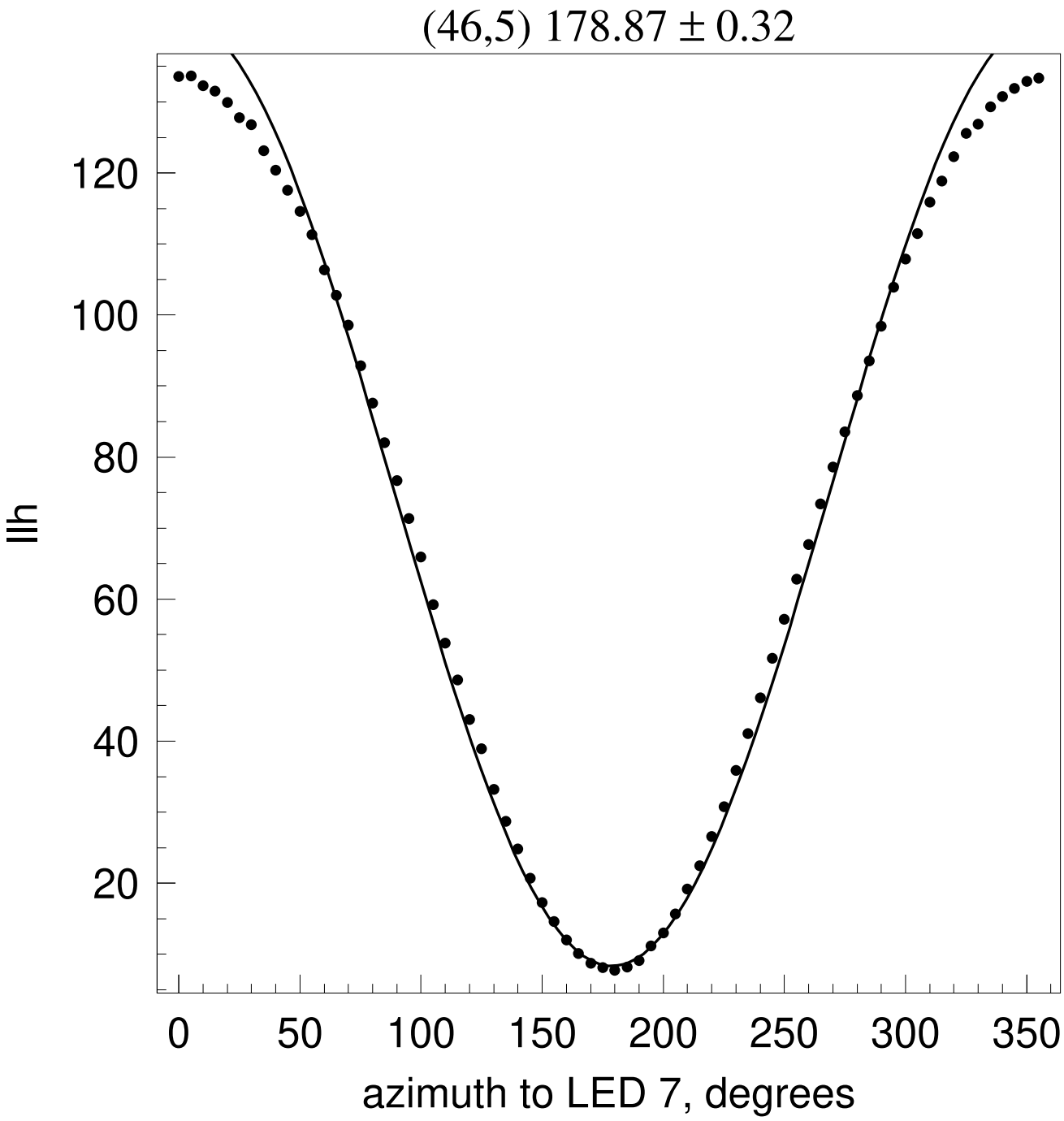

(45,60) 315.36 ± 0.71
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

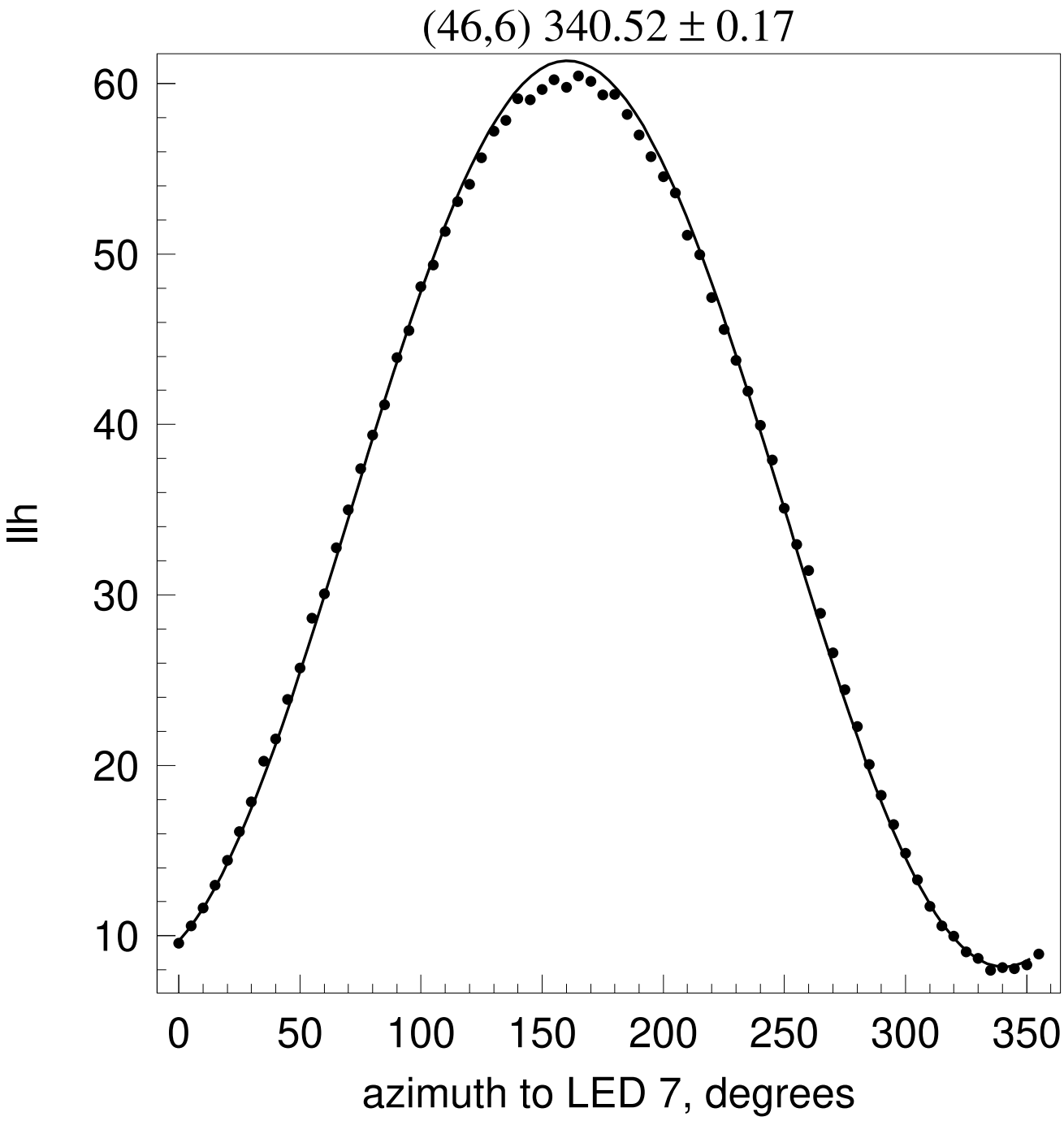

(46,1) 208.45 ± 0.31
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

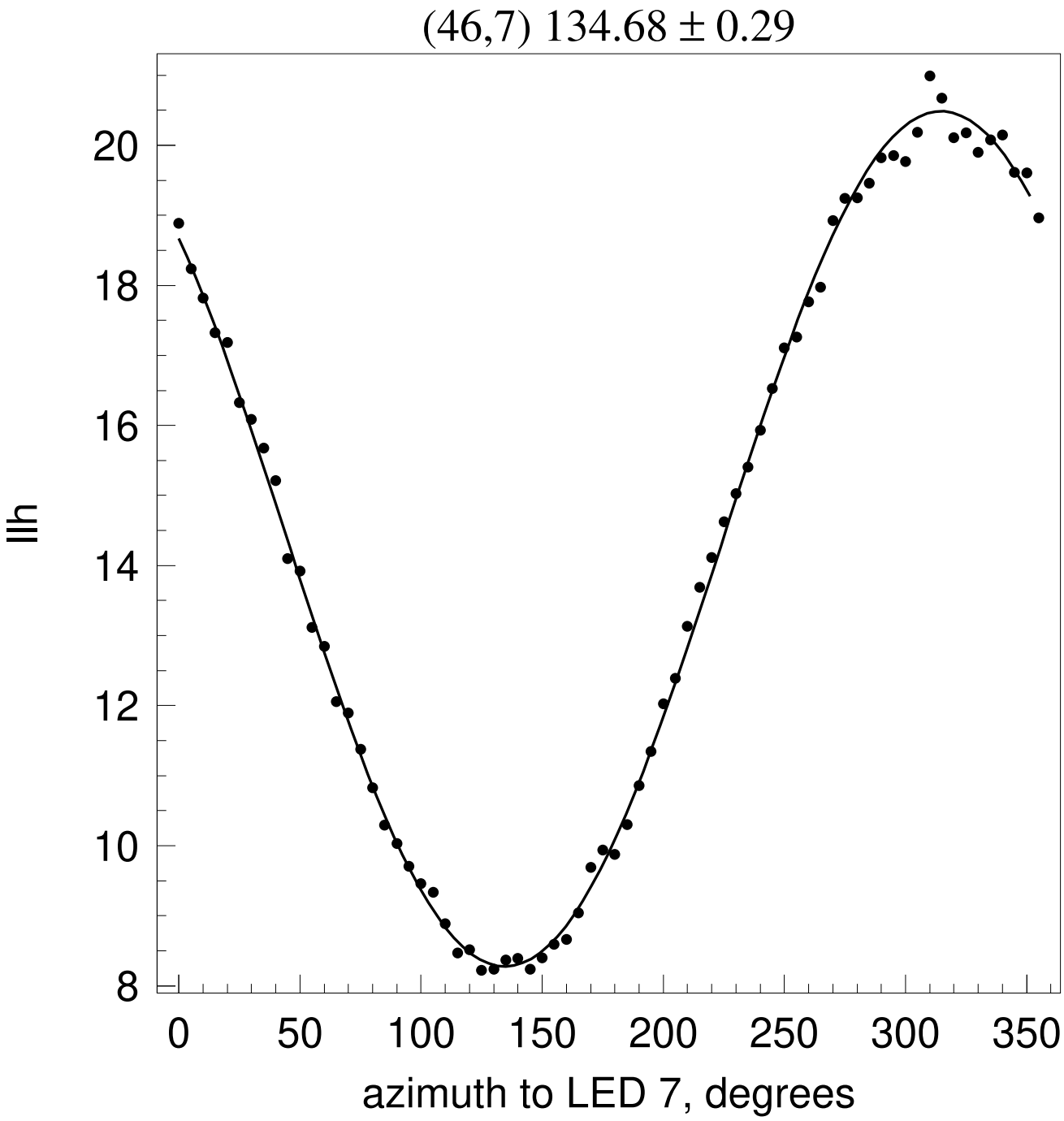

(46,2) 185.66 ± 0.19
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

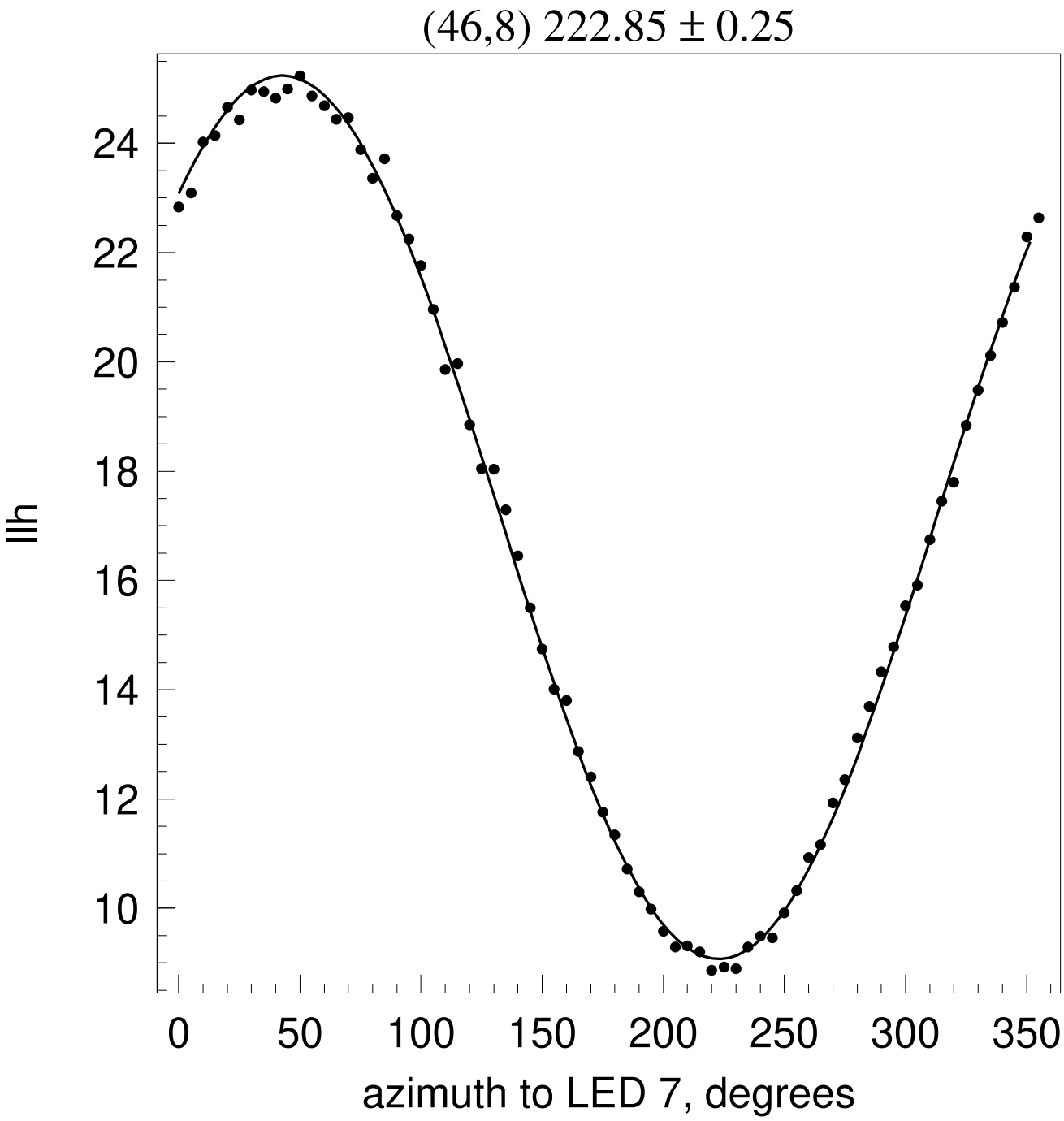

(46,3) 303.71 ± 0.20
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

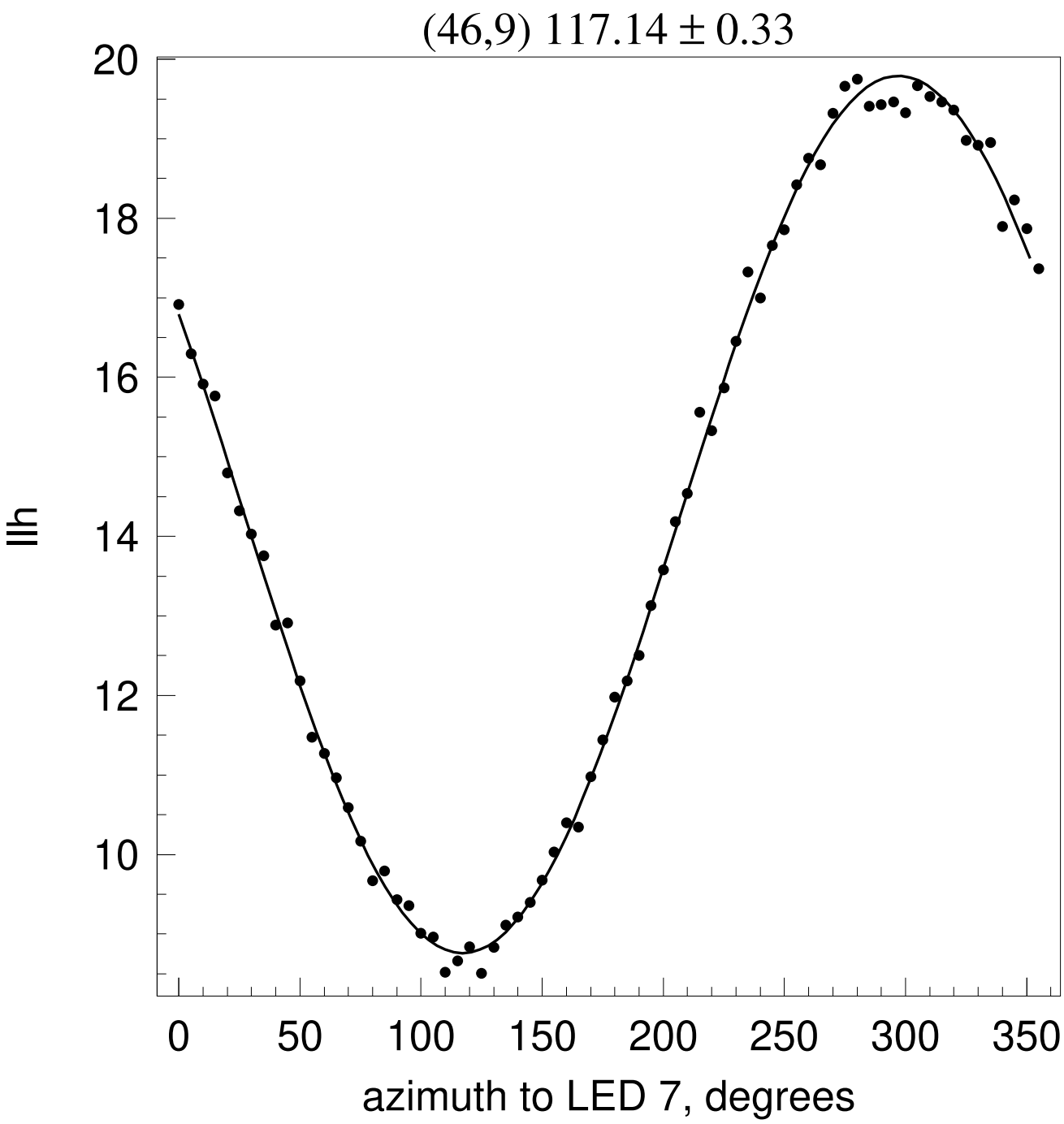

(46,4) 357.14 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

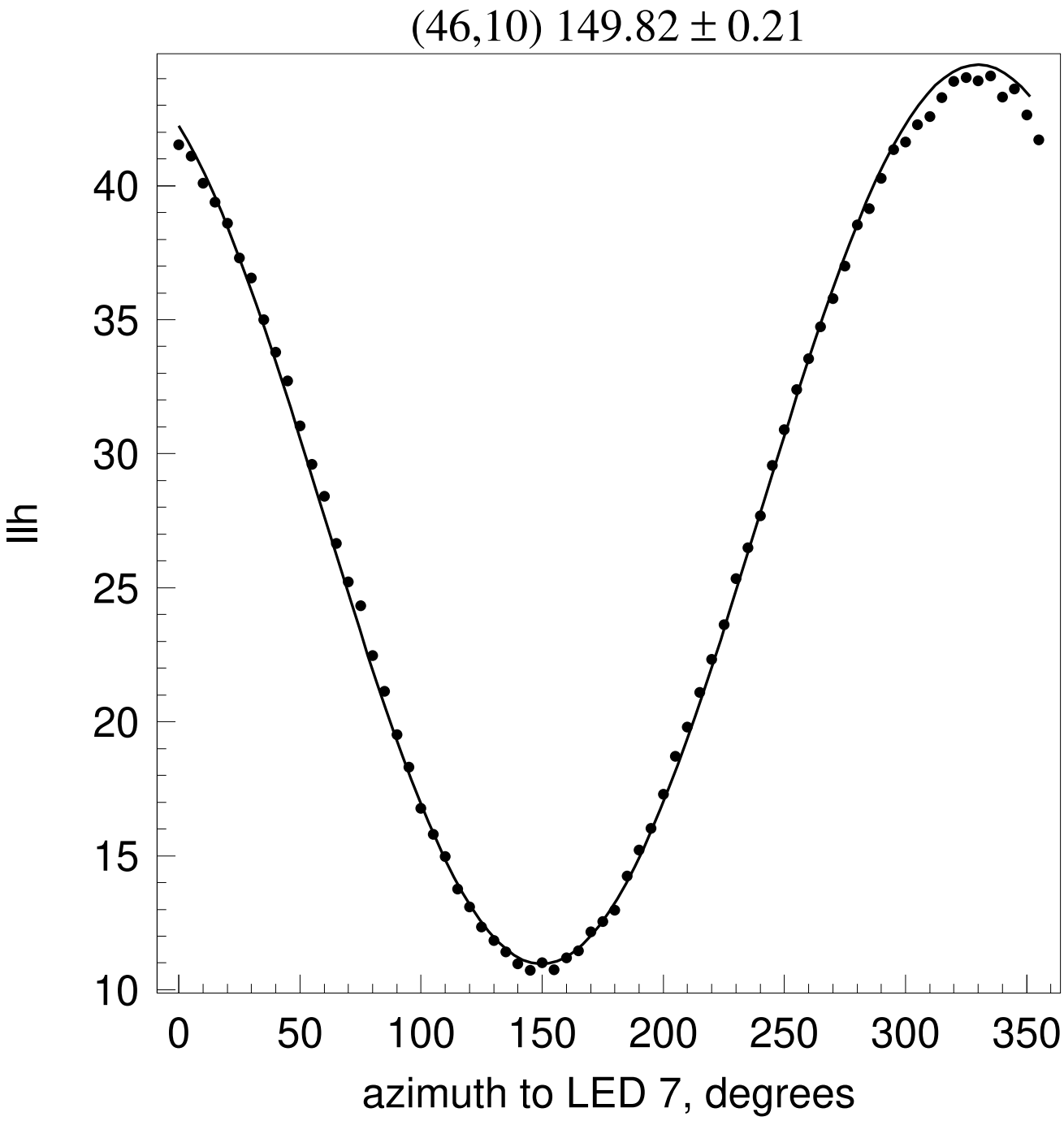

(46,5) 178.87 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

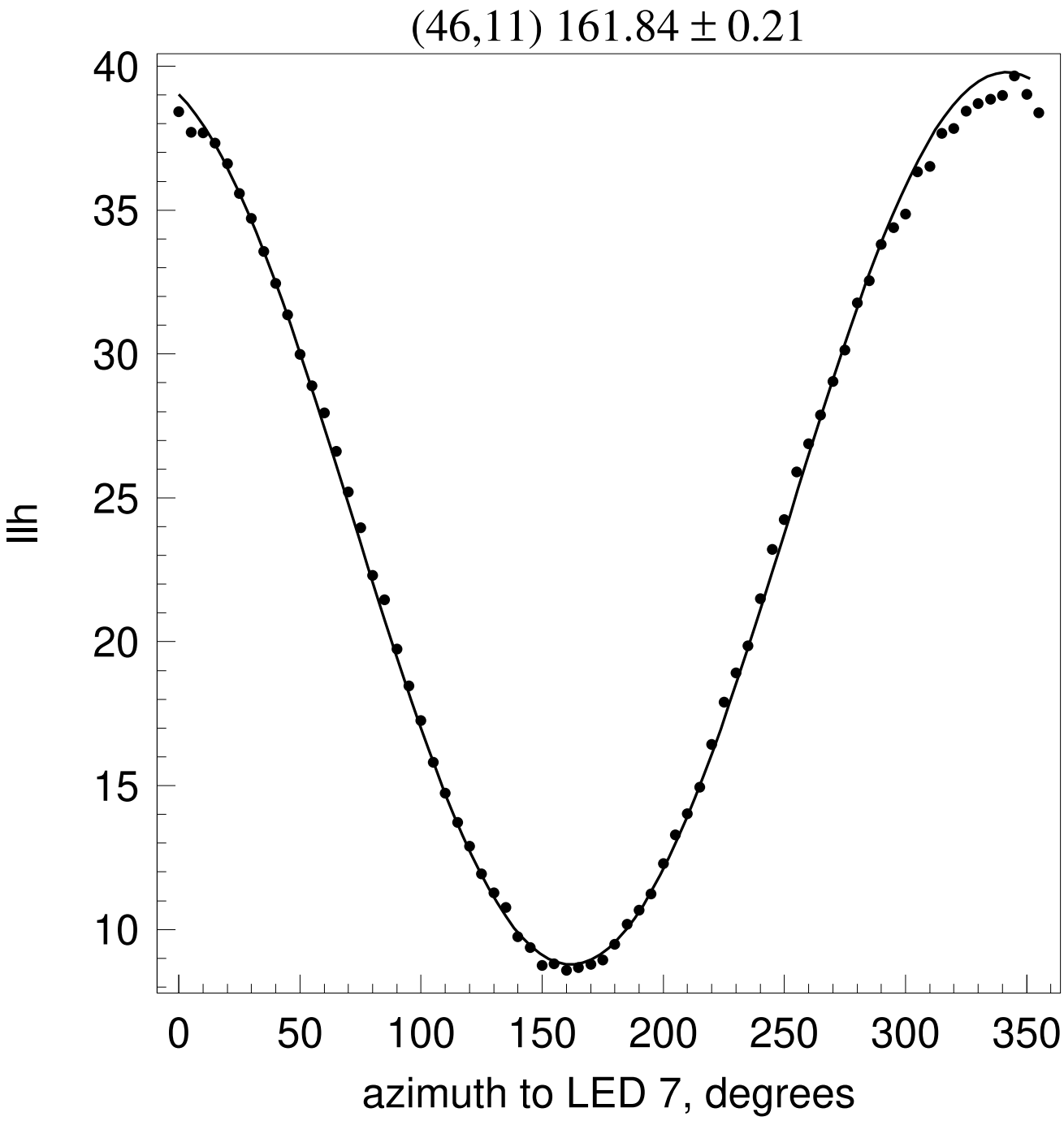

(46,6) 340.52 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

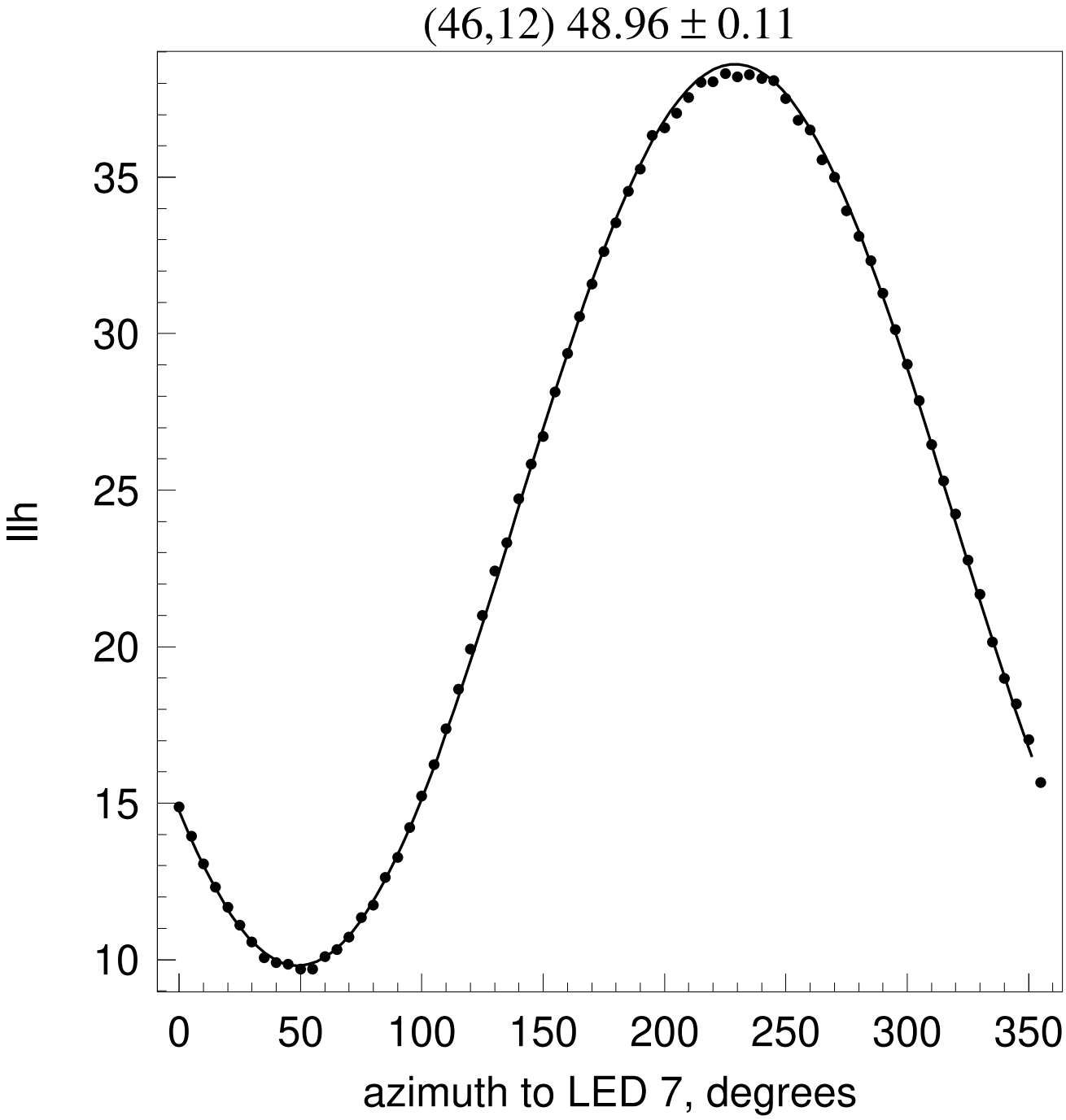

(46,7) 134.68 ± 0.29
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

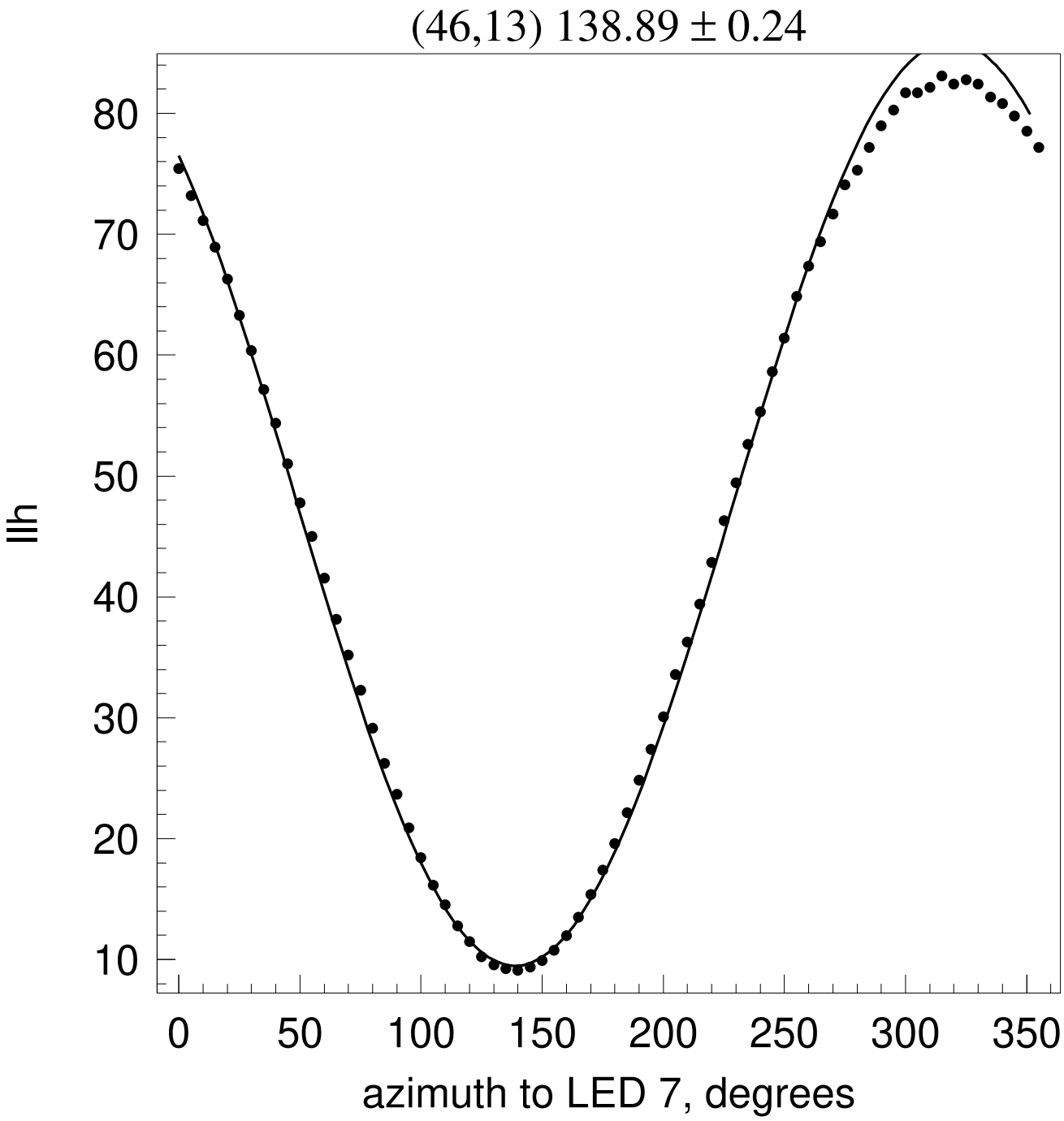

(46,8) 222.85 ± 0.25
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

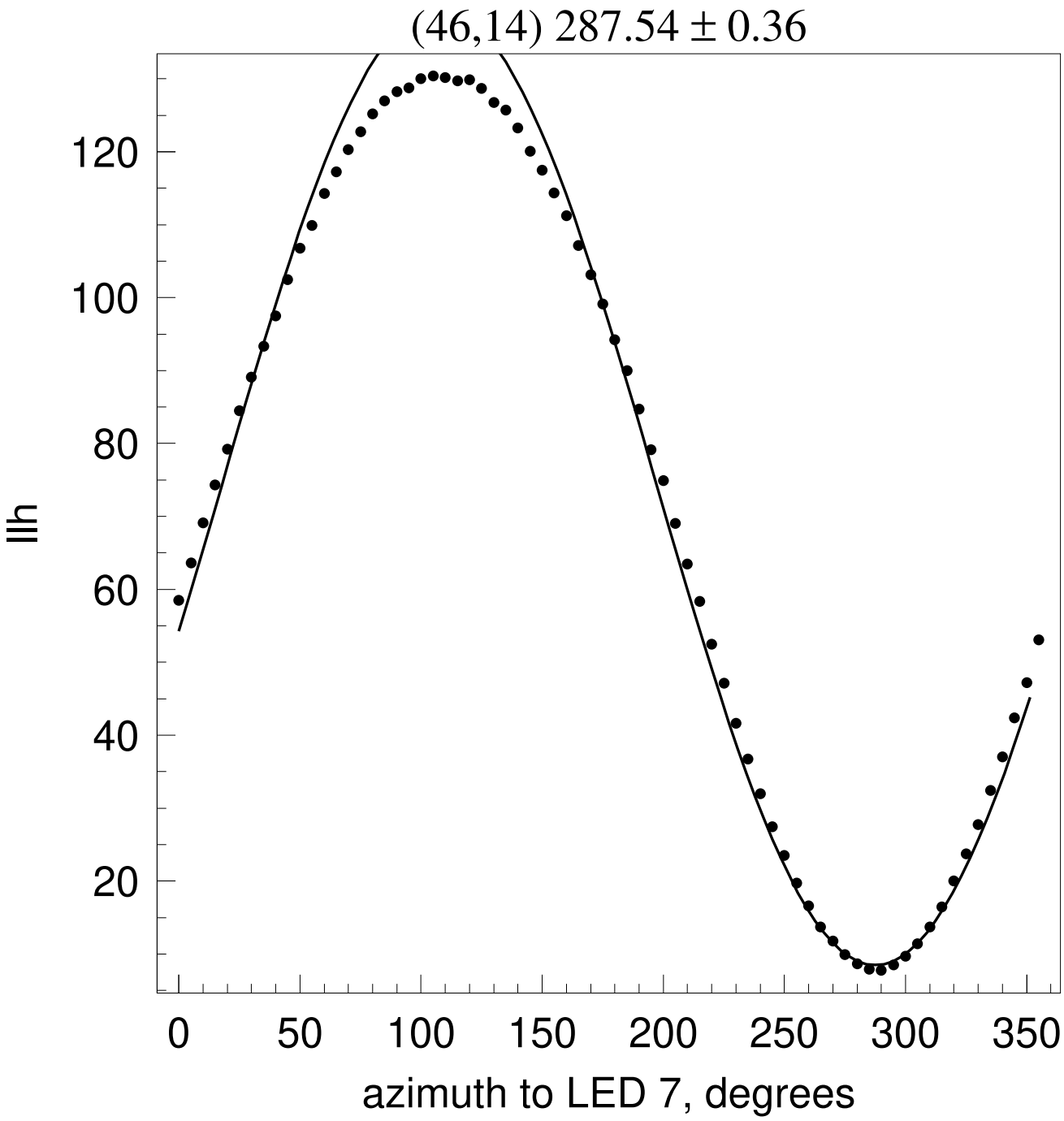

(46,9) 117.14 ± 0.33
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

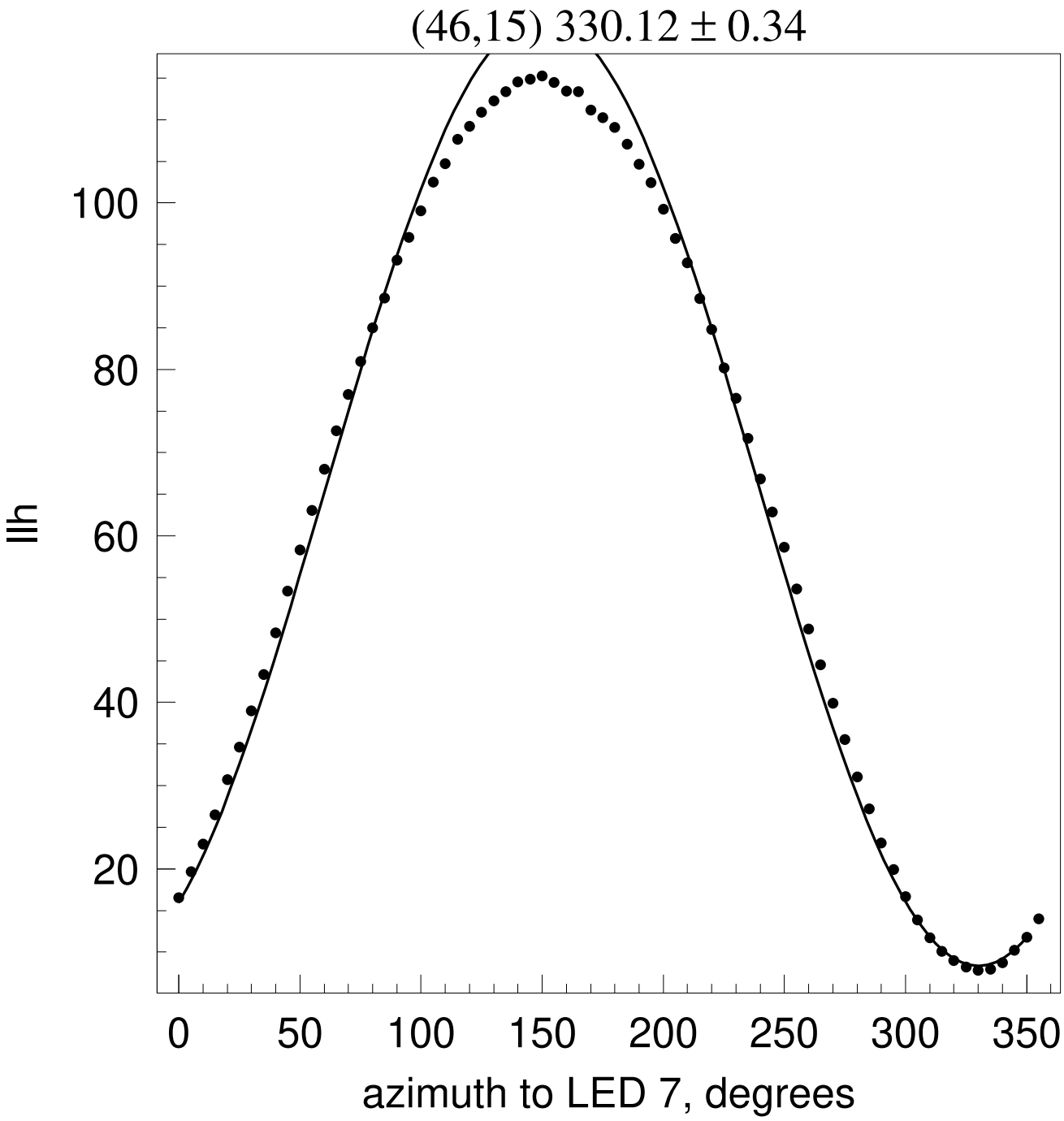

(46,10) 149.82 ± 0.21
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

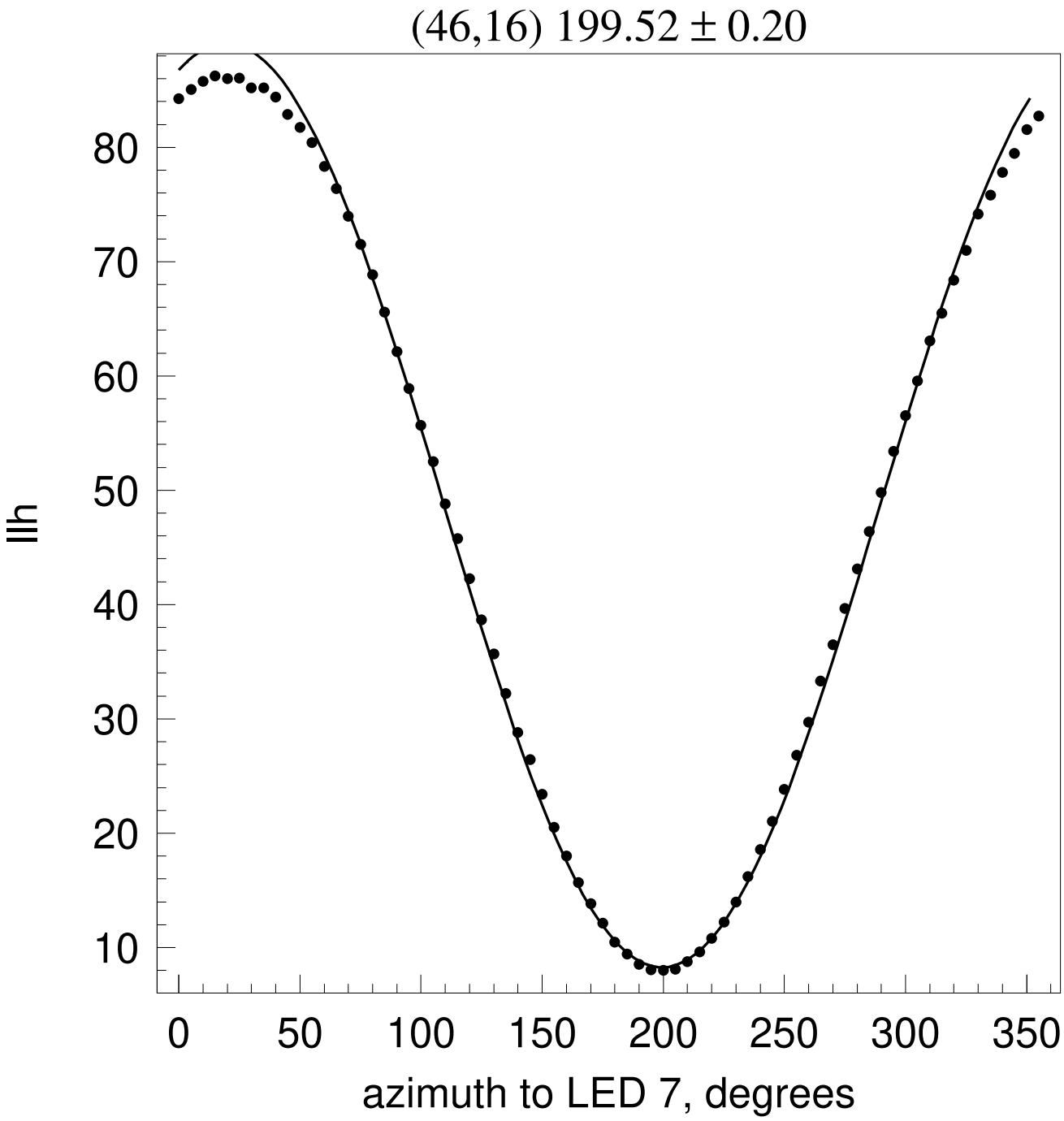

(46,11) 161.84 ± 0.21
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

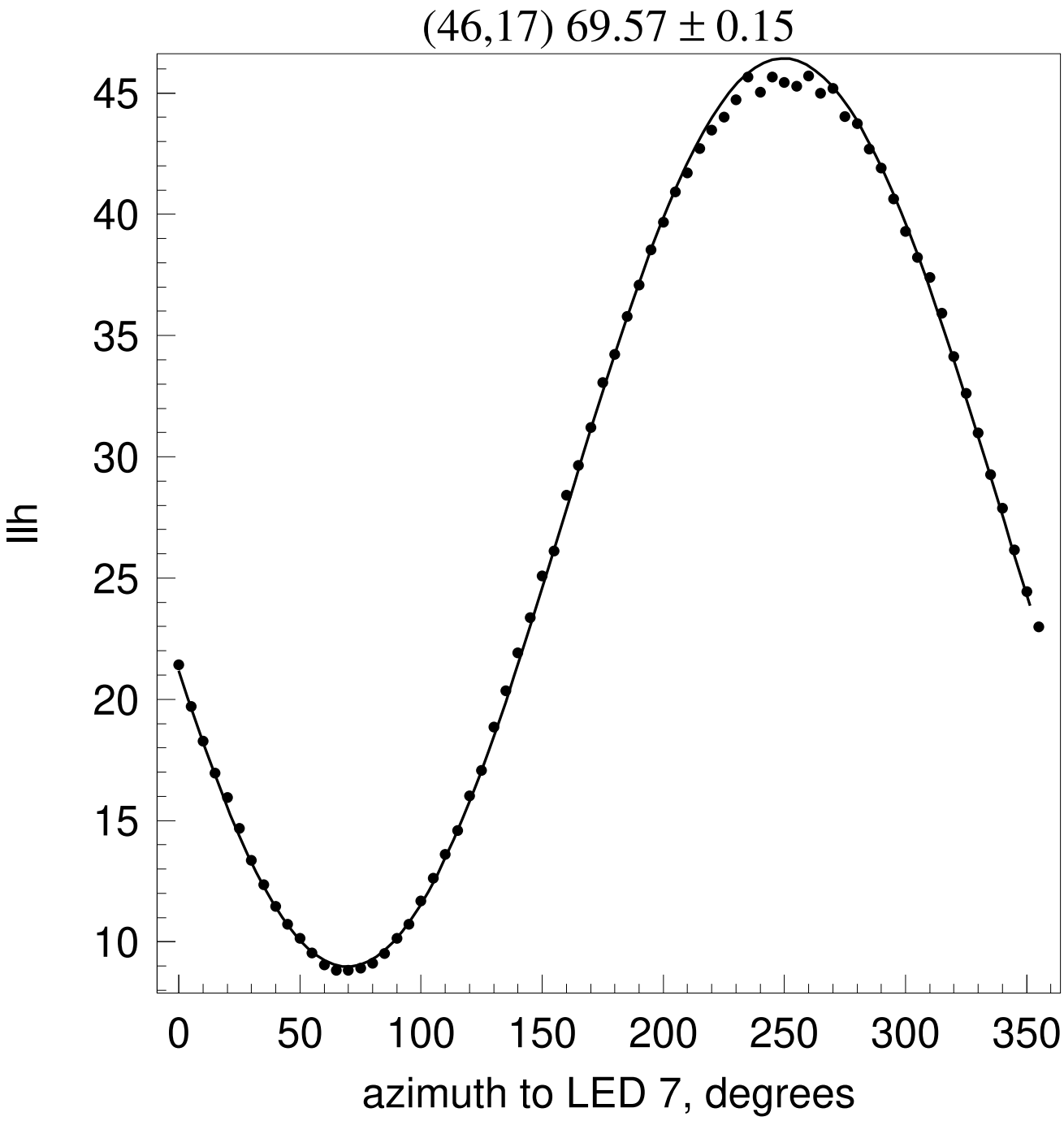

(46,12) 48.96 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

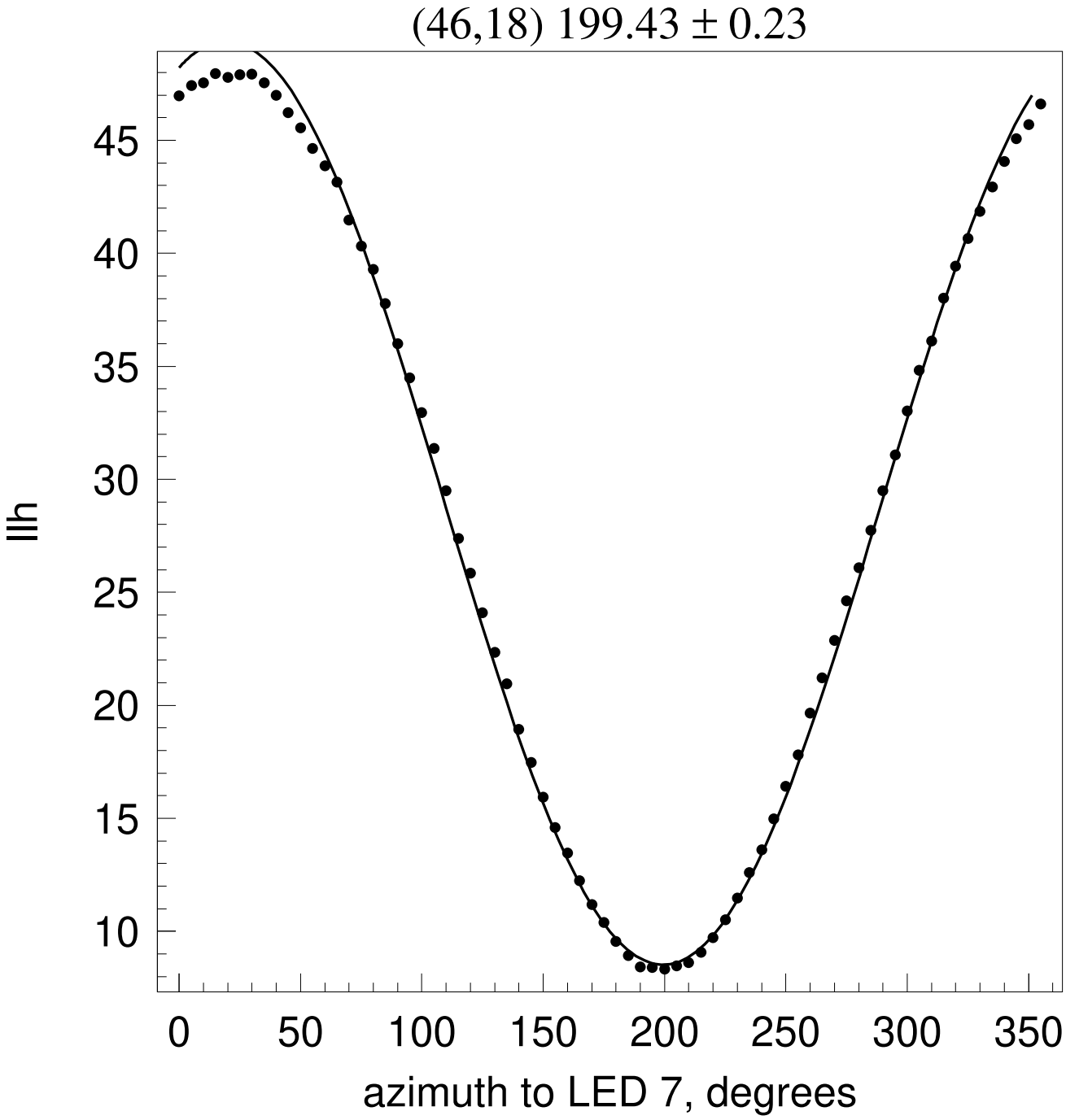

(46,13) 138.89 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

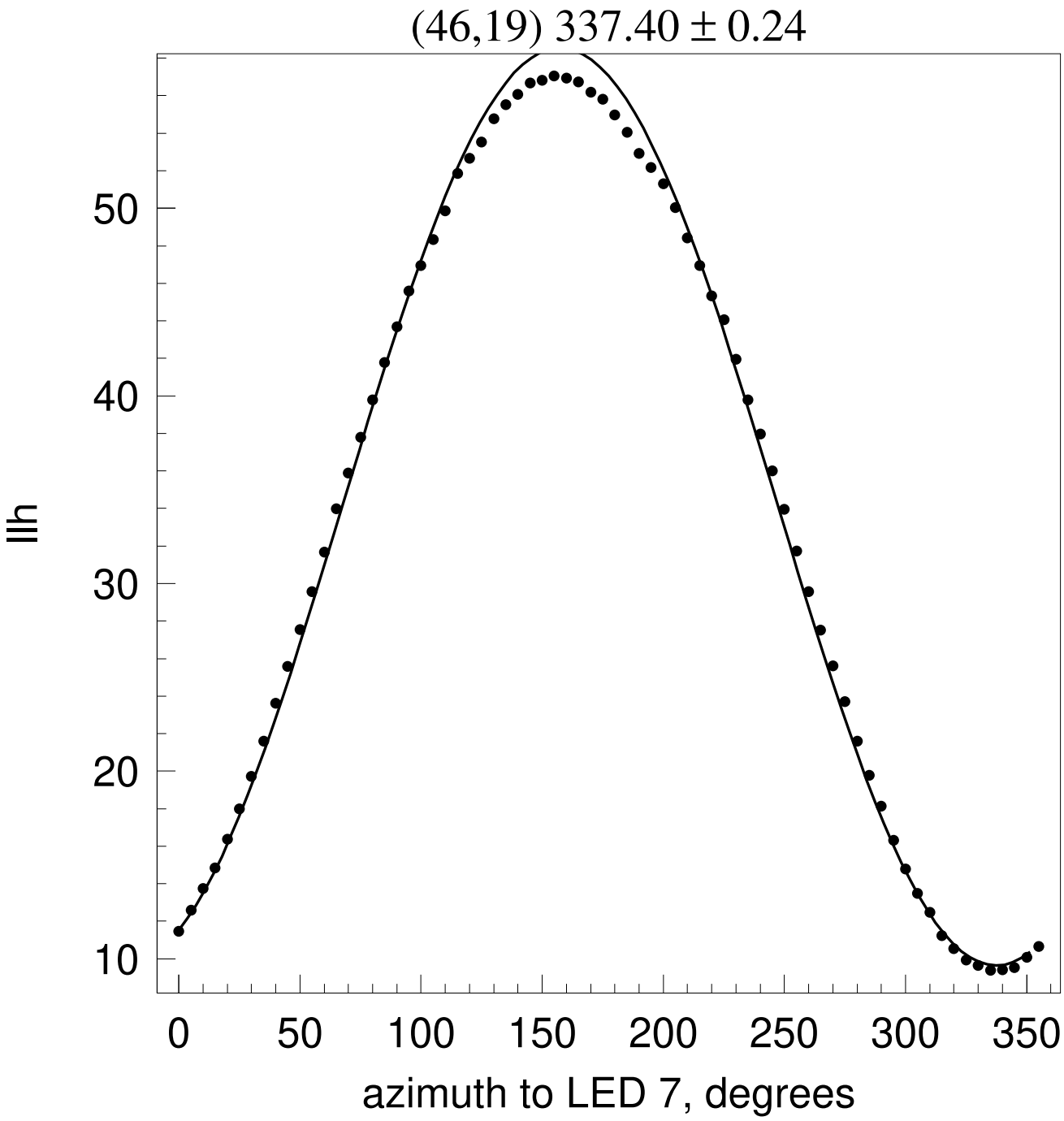

(46,14) 287.54 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

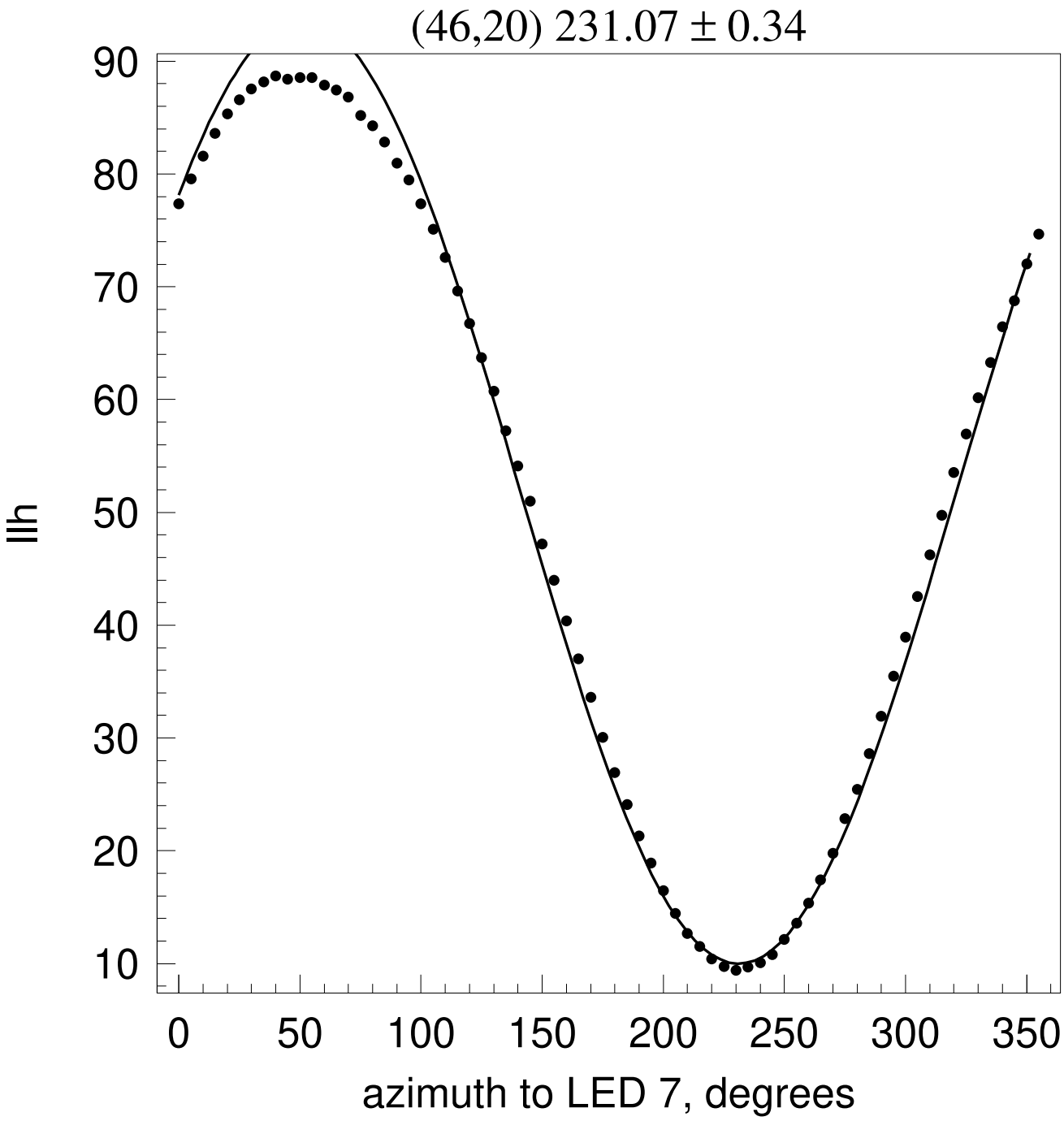

(46,15) 330.12 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

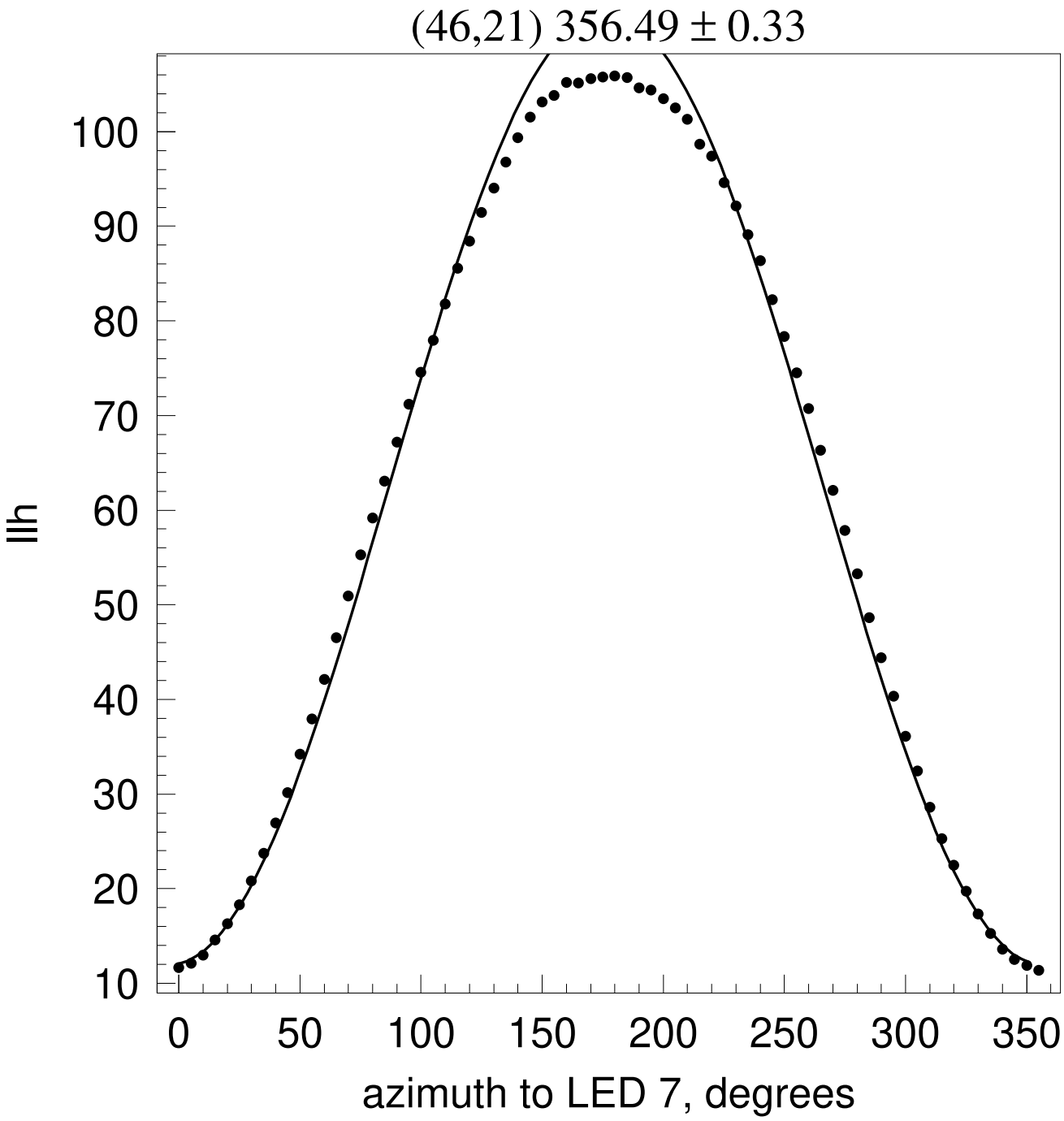

(46,16) 199.52 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

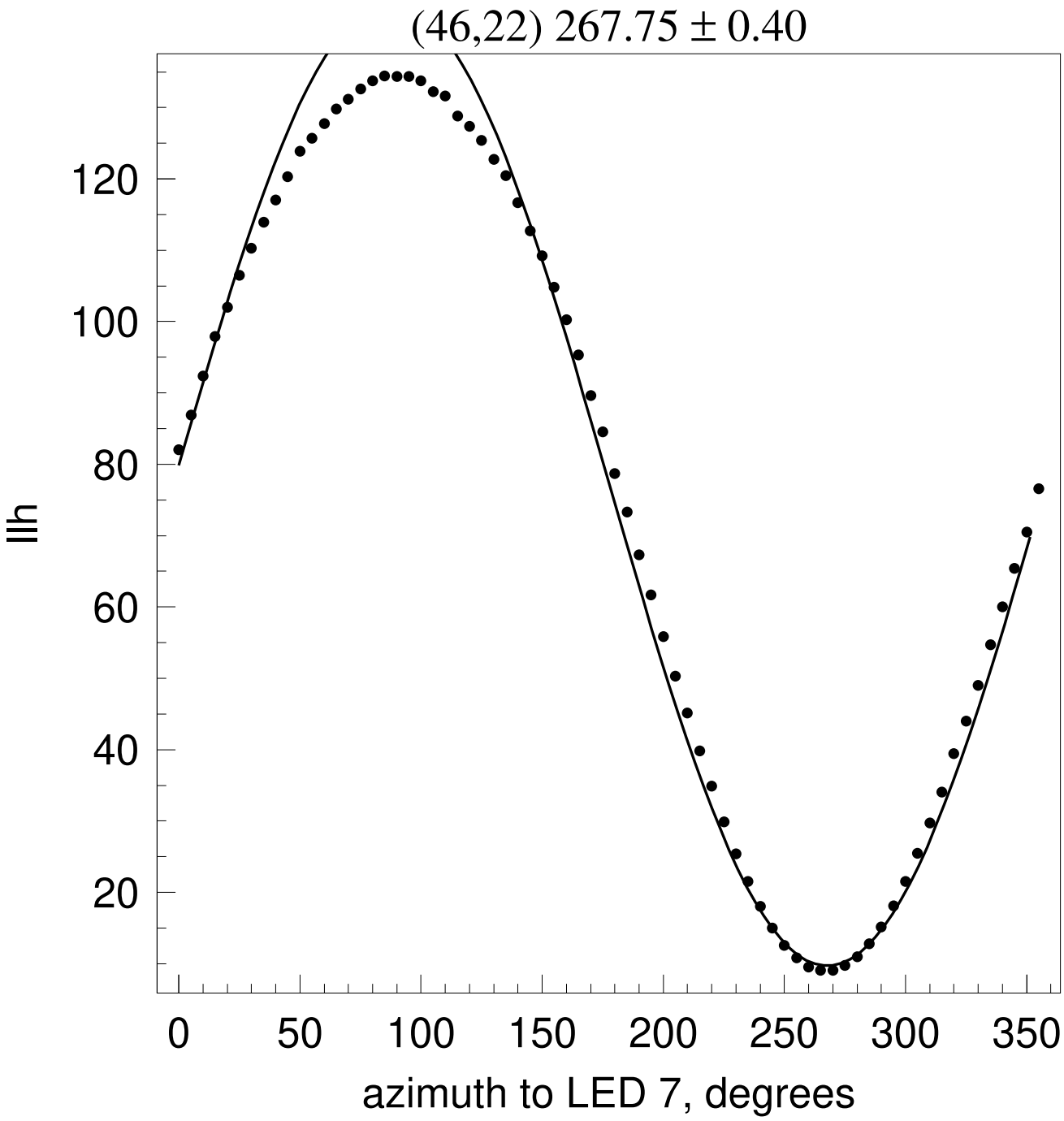

(46,17) 69.57 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

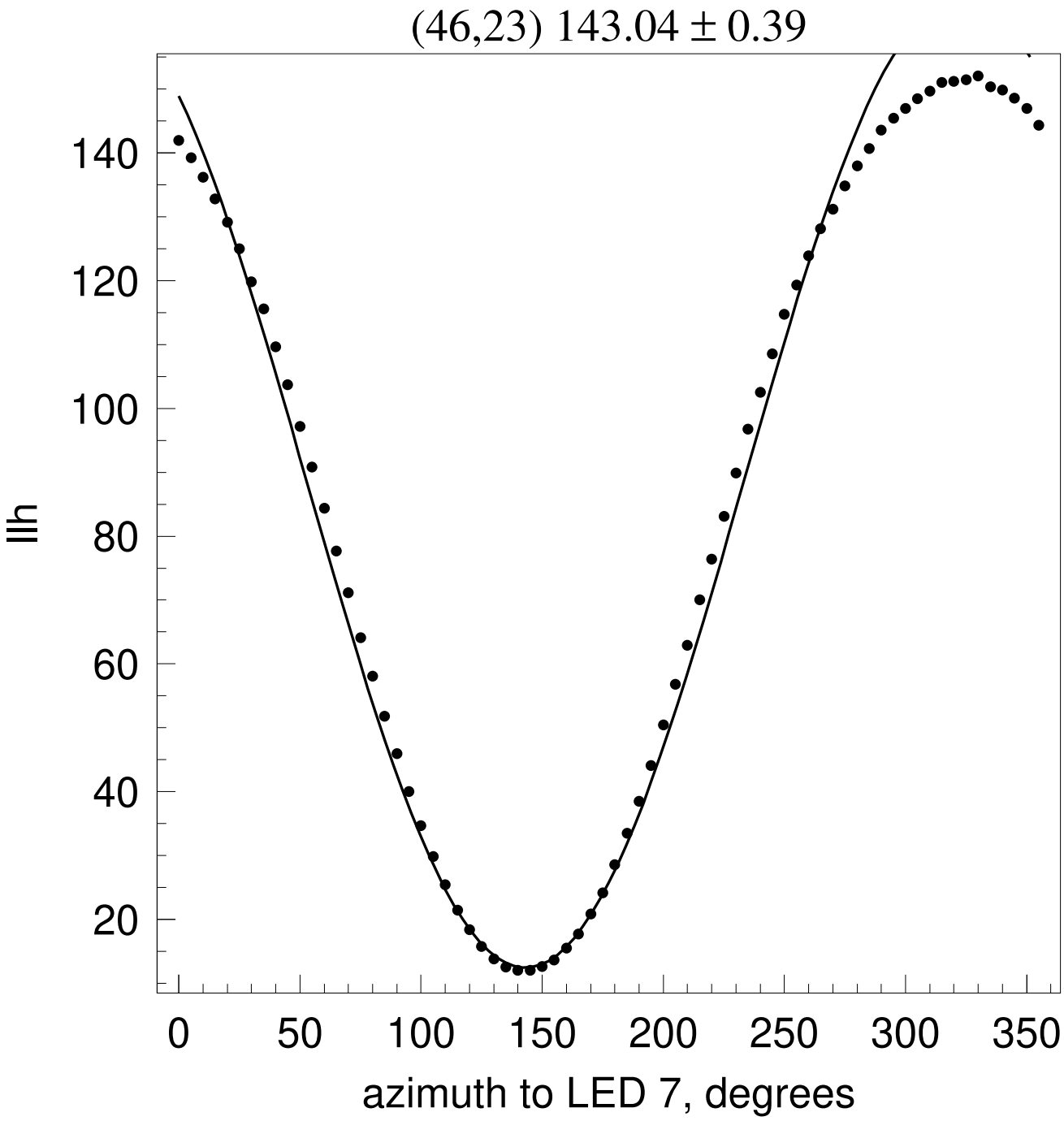

(46,18) 199.43 ± 0.23
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

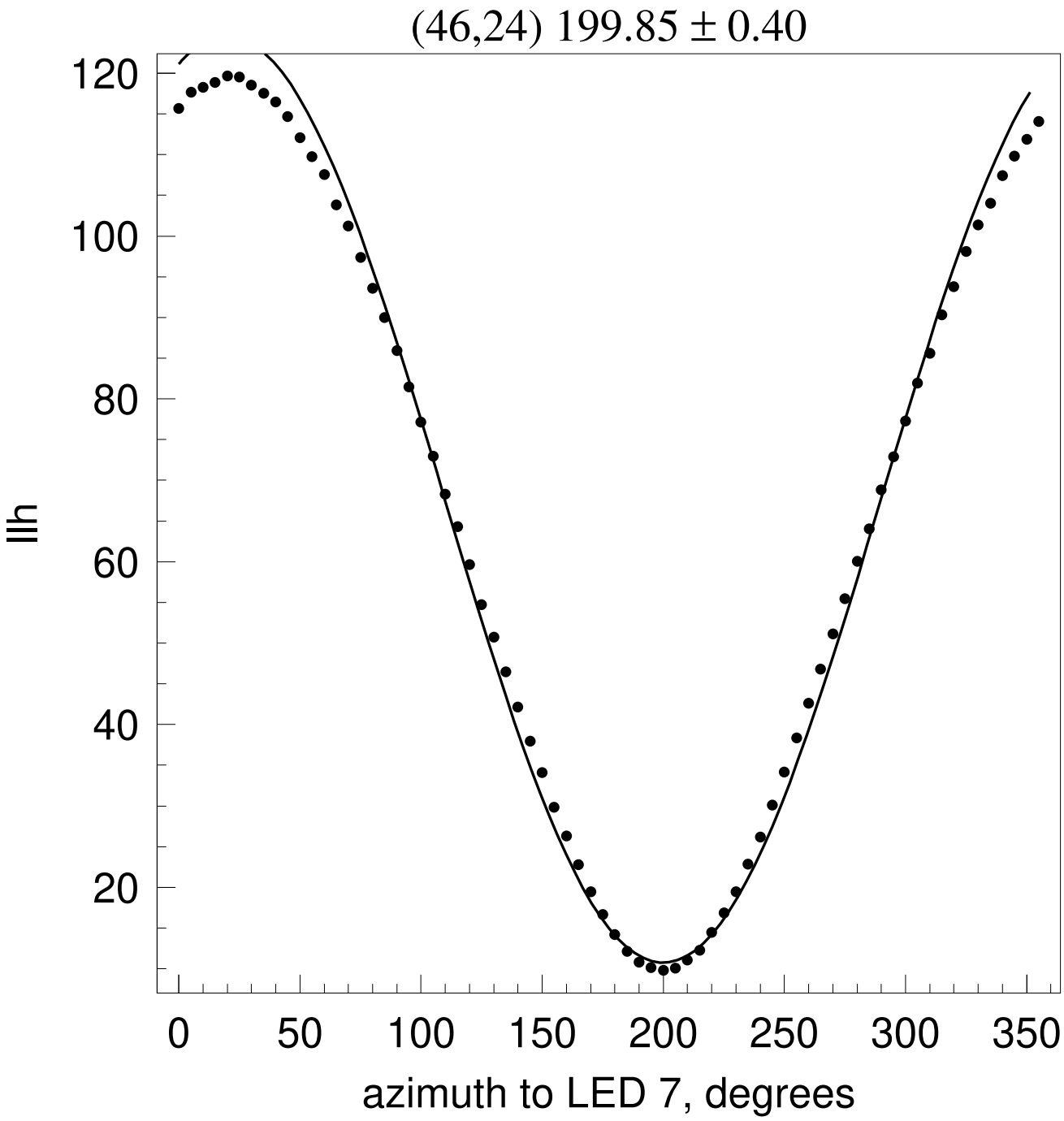

(46,19) 337.40 ± 0.24
llh
10
20
30
40
50
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

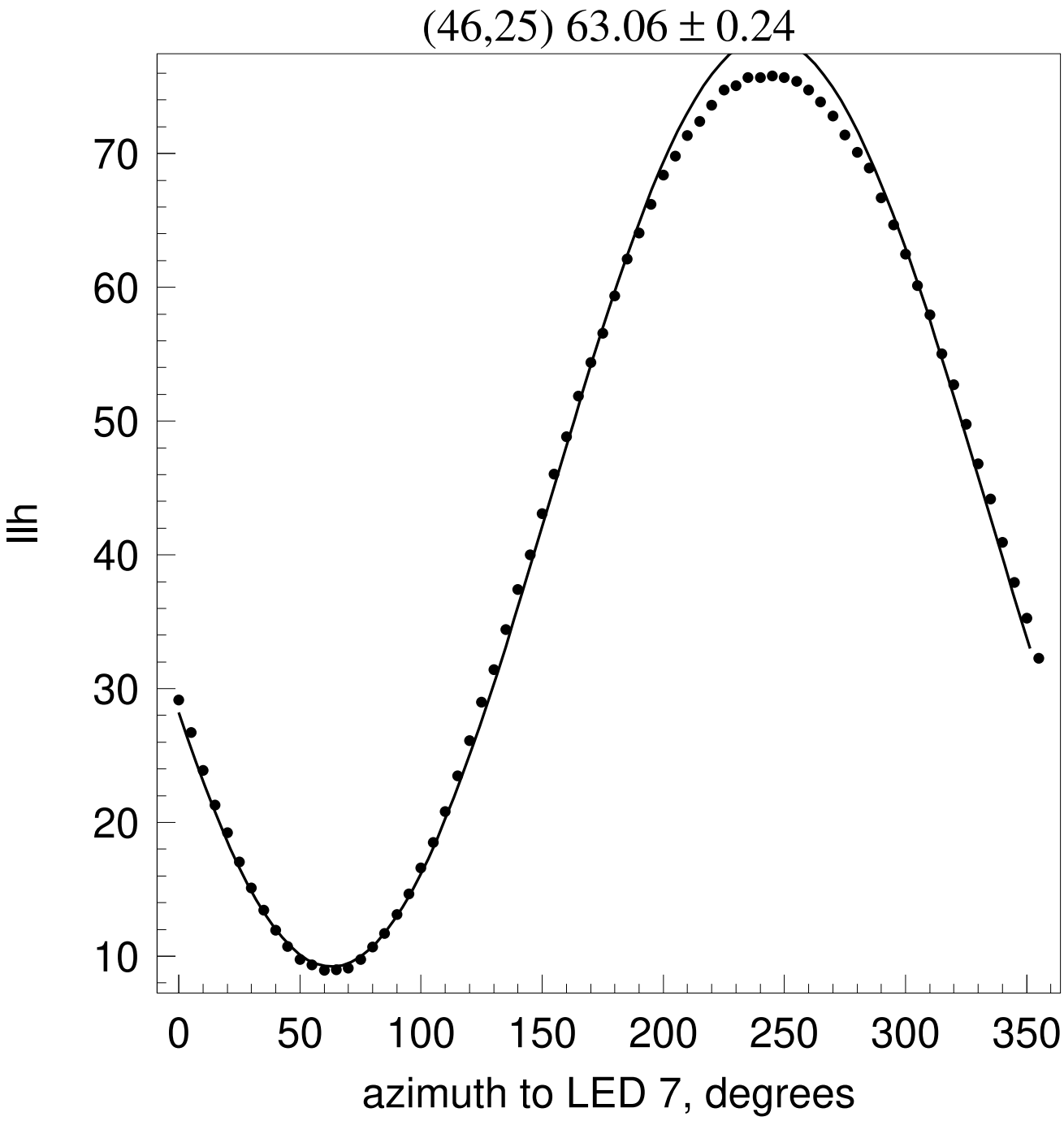

(46,20) 231.07 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

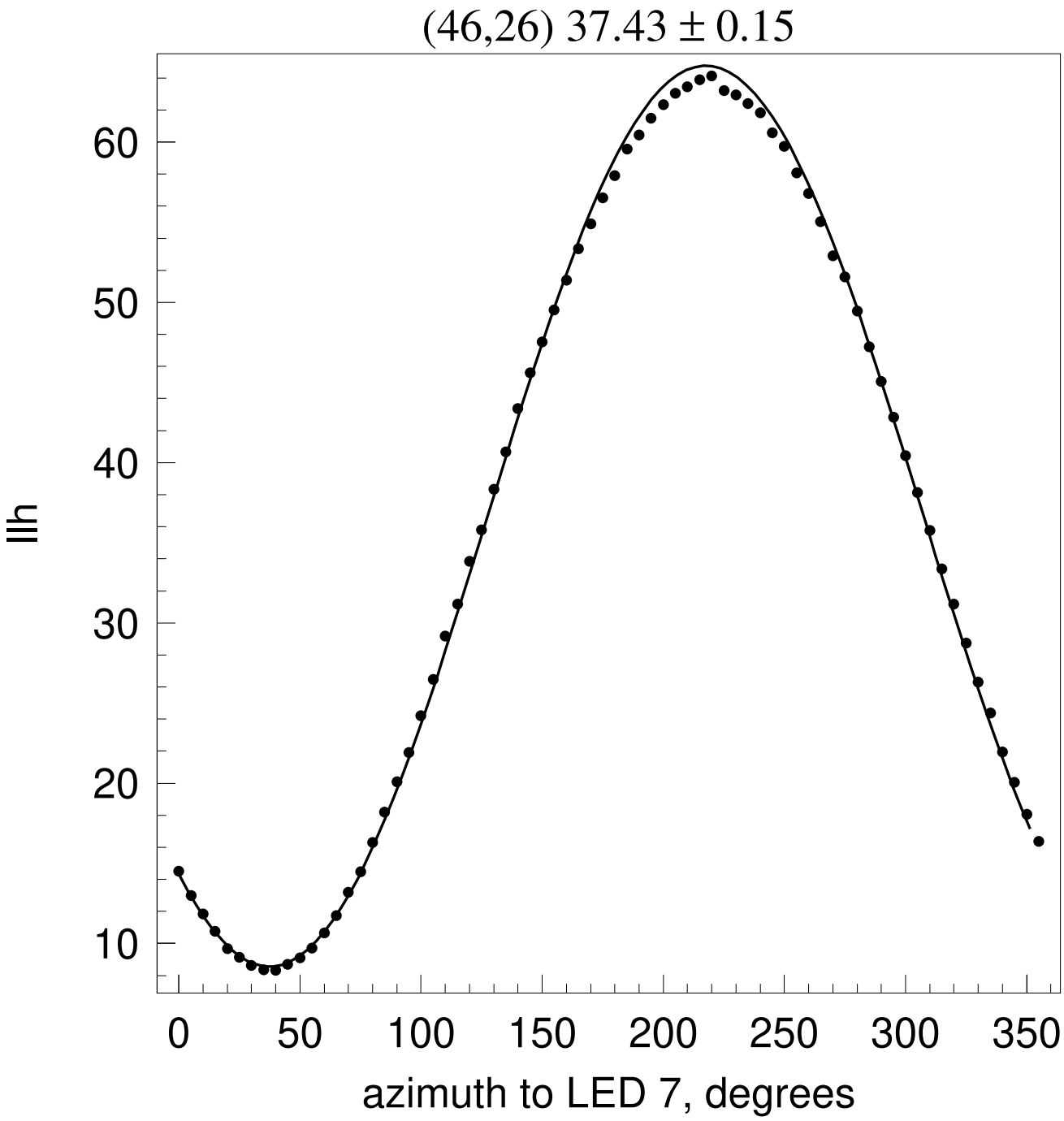

(46,21) 356.49 ± 0.33
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

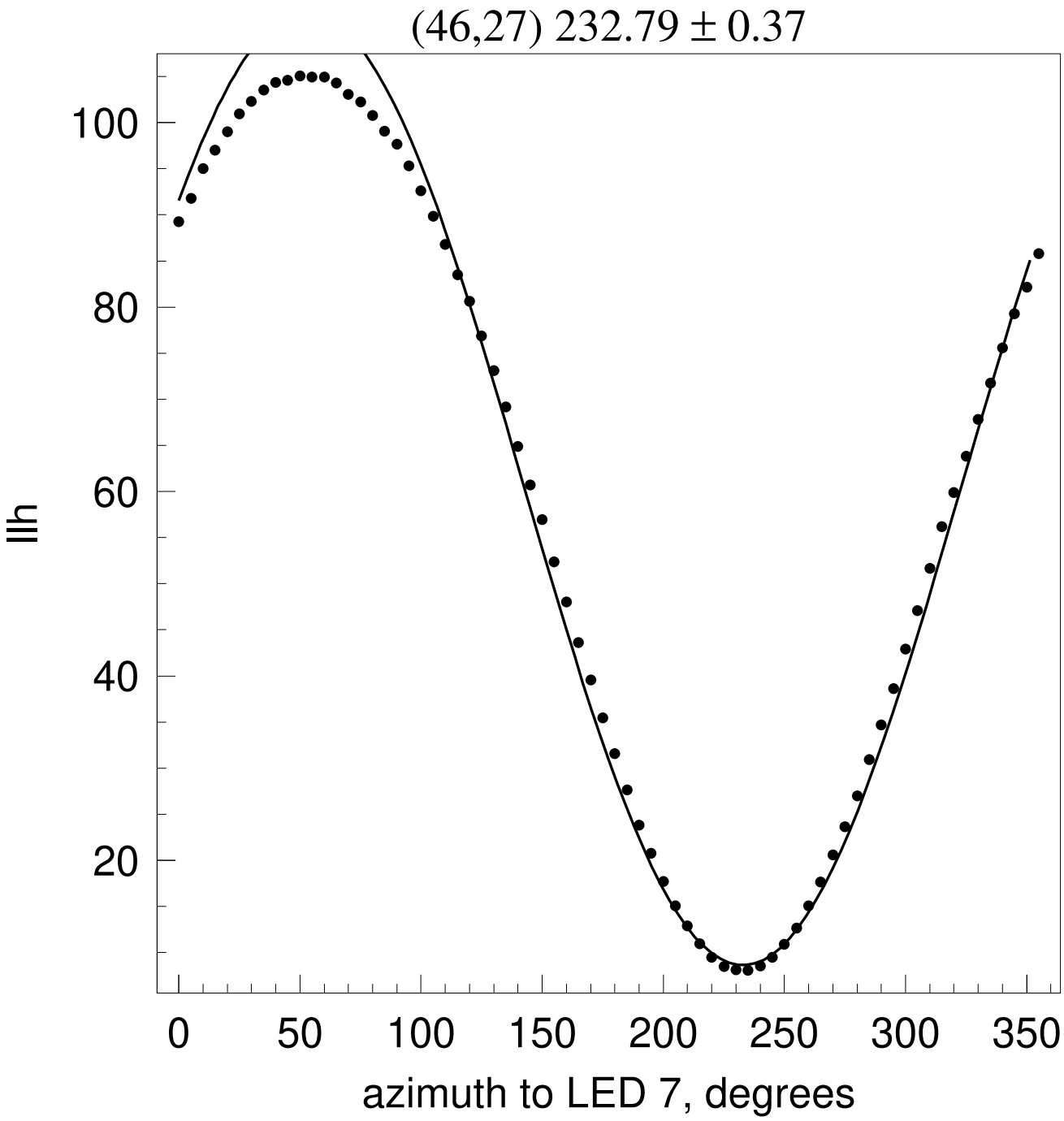

(46,22) 267.75 ± 0.40
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

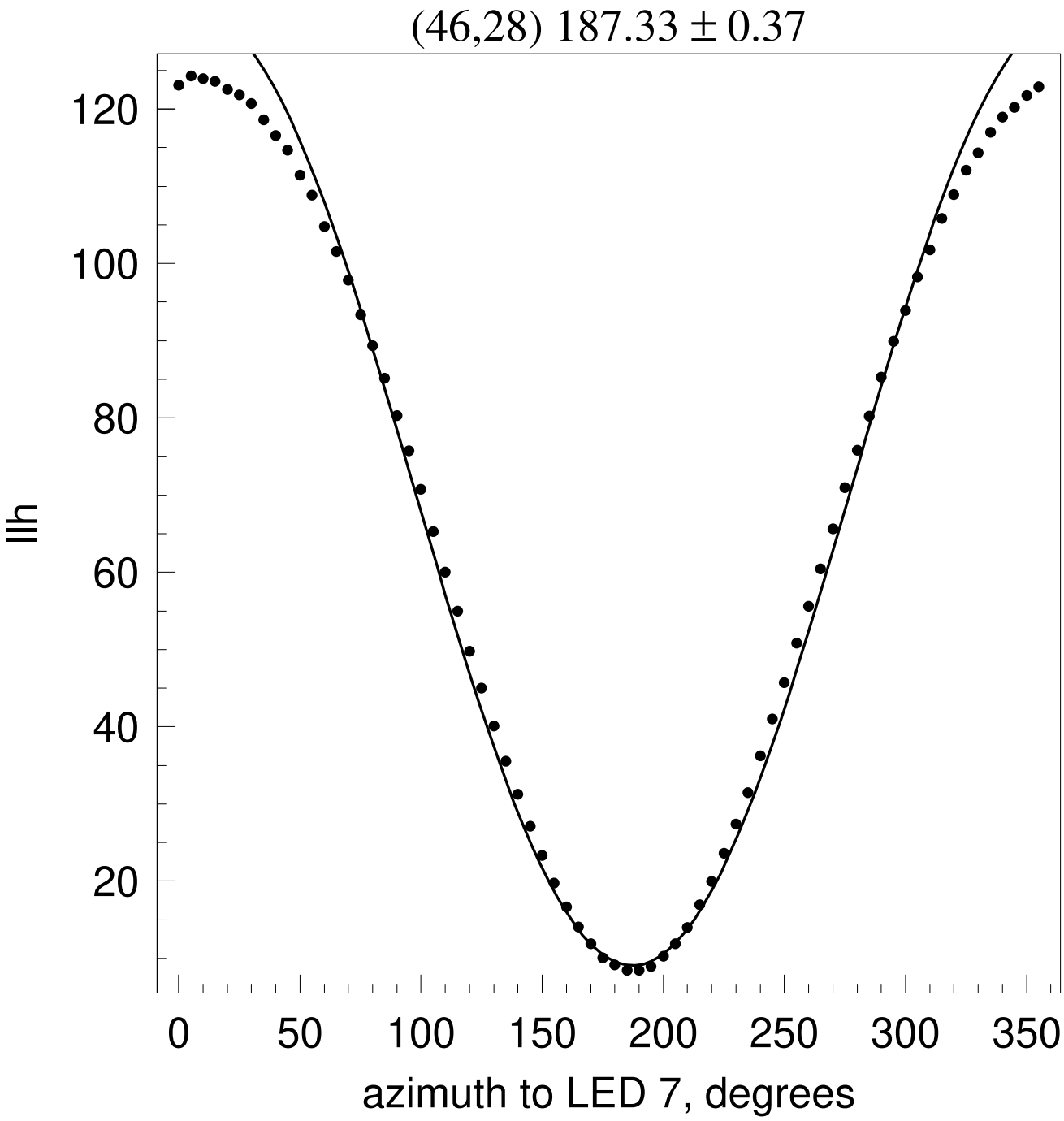

(46,23) 143.04 ± 0.39
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

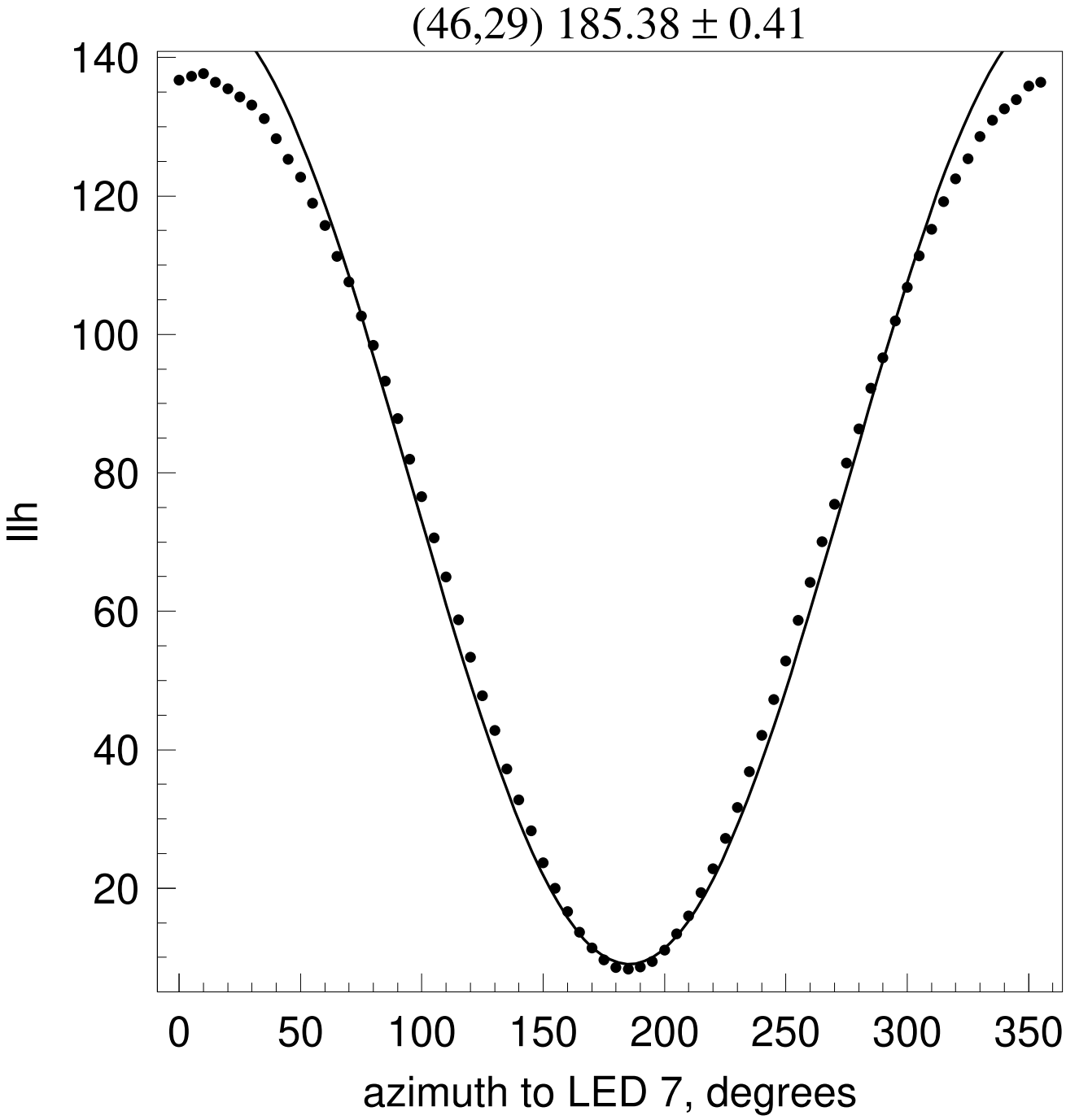

(46,24) 199.85 ± 0.40
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

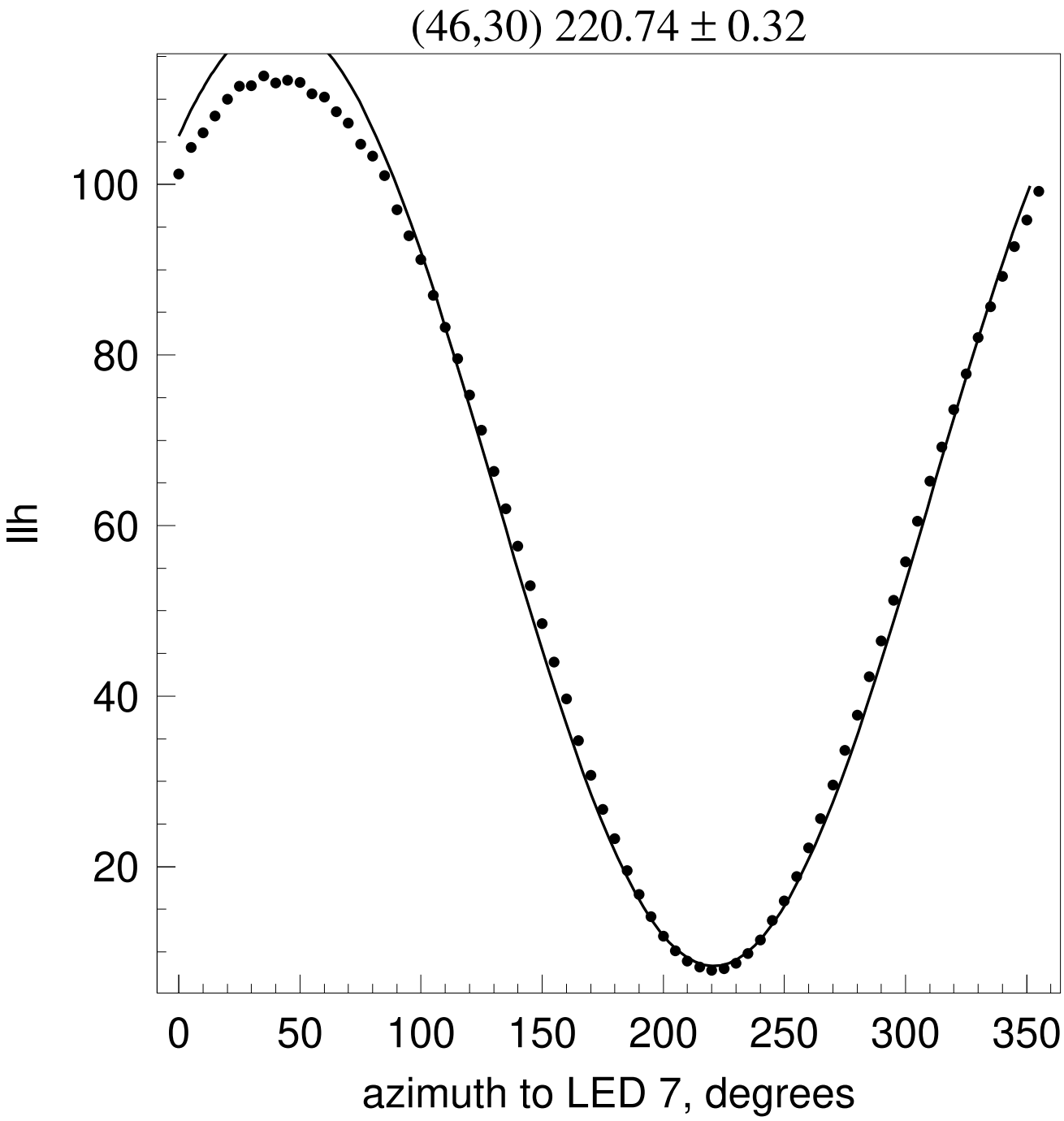

(46,25) 63.06 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

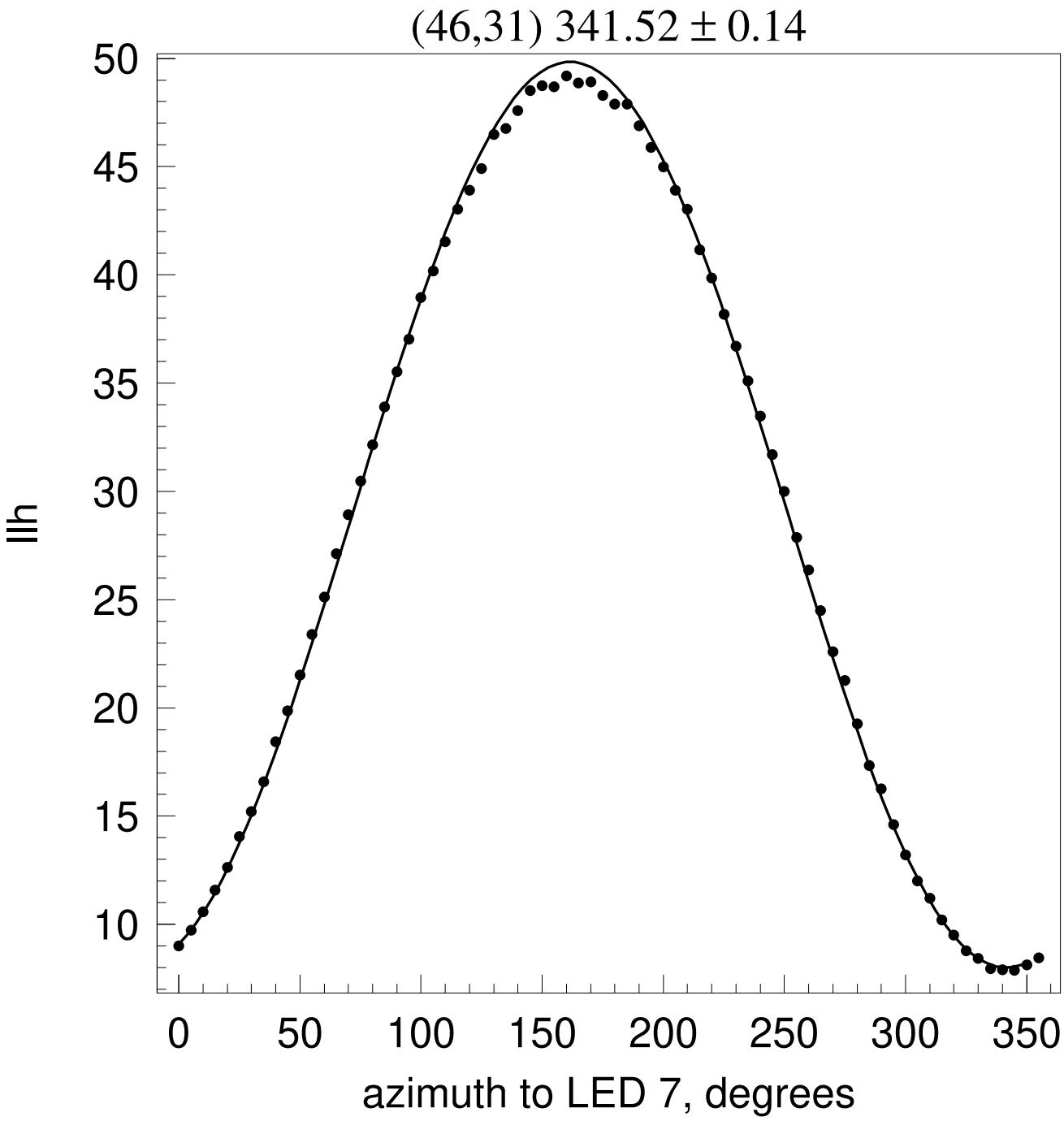

(46,26) 37.43 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

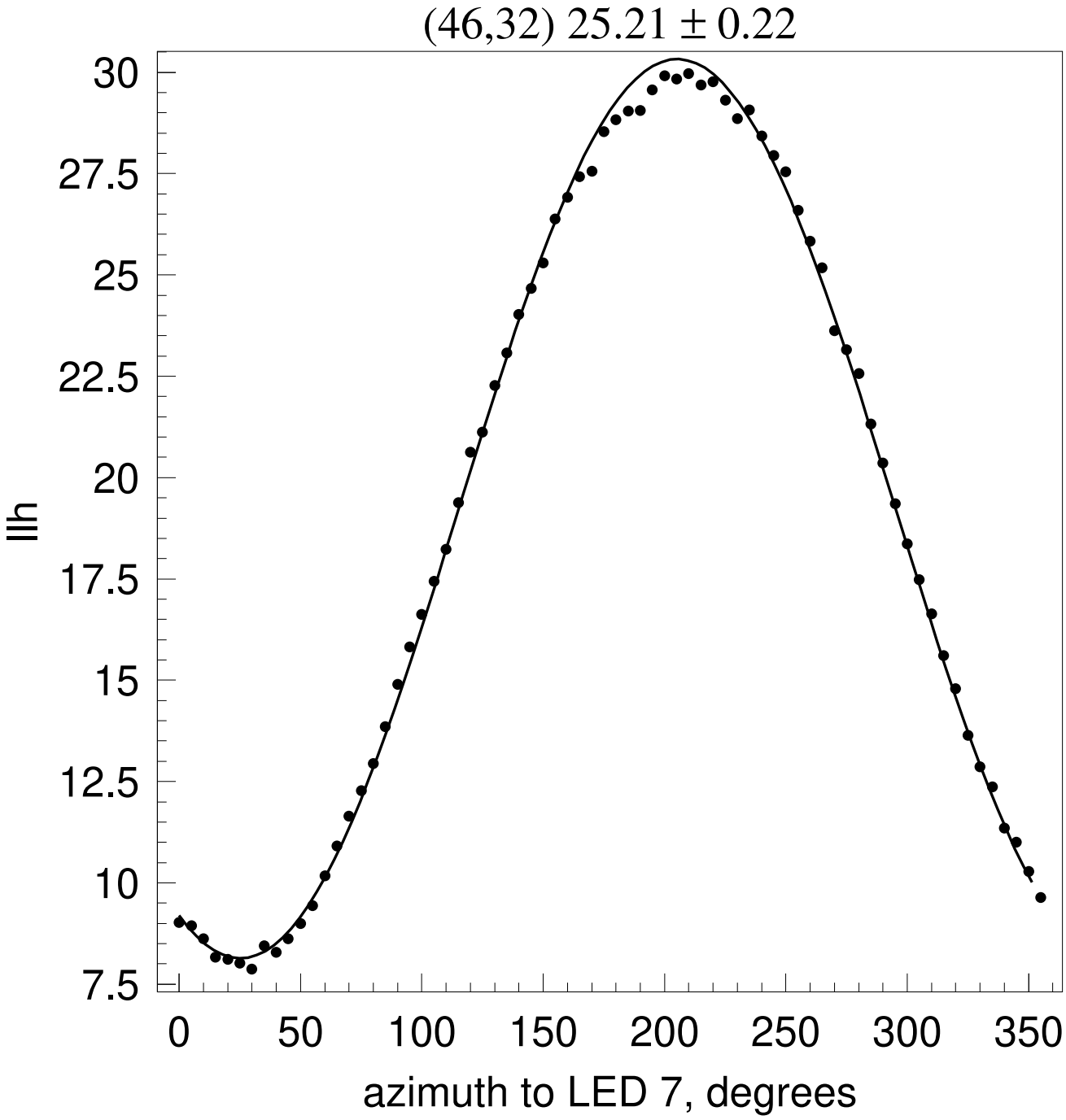

(46,27) 232.79 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

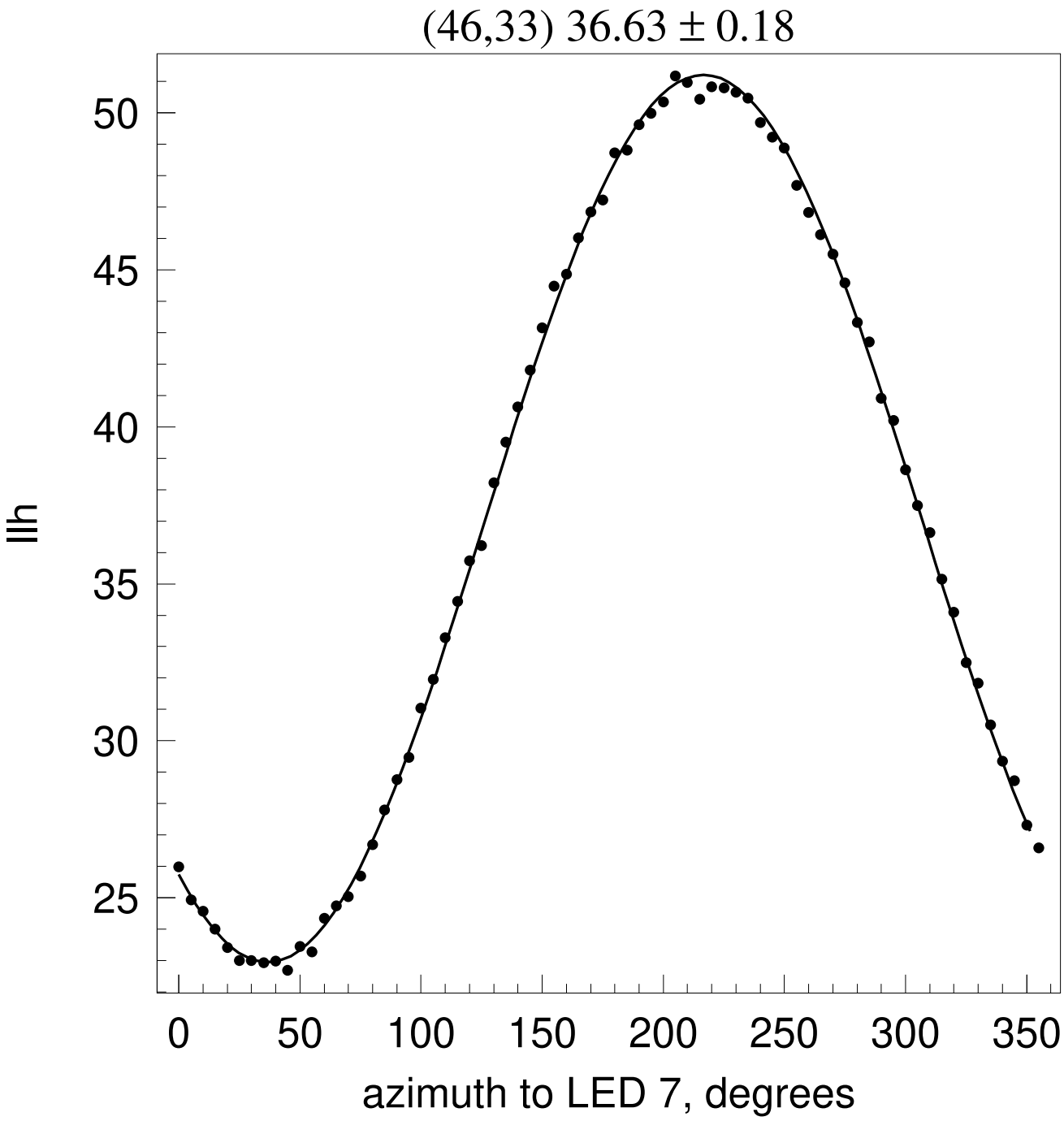

(46,28) 187.33 ± 0.37
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

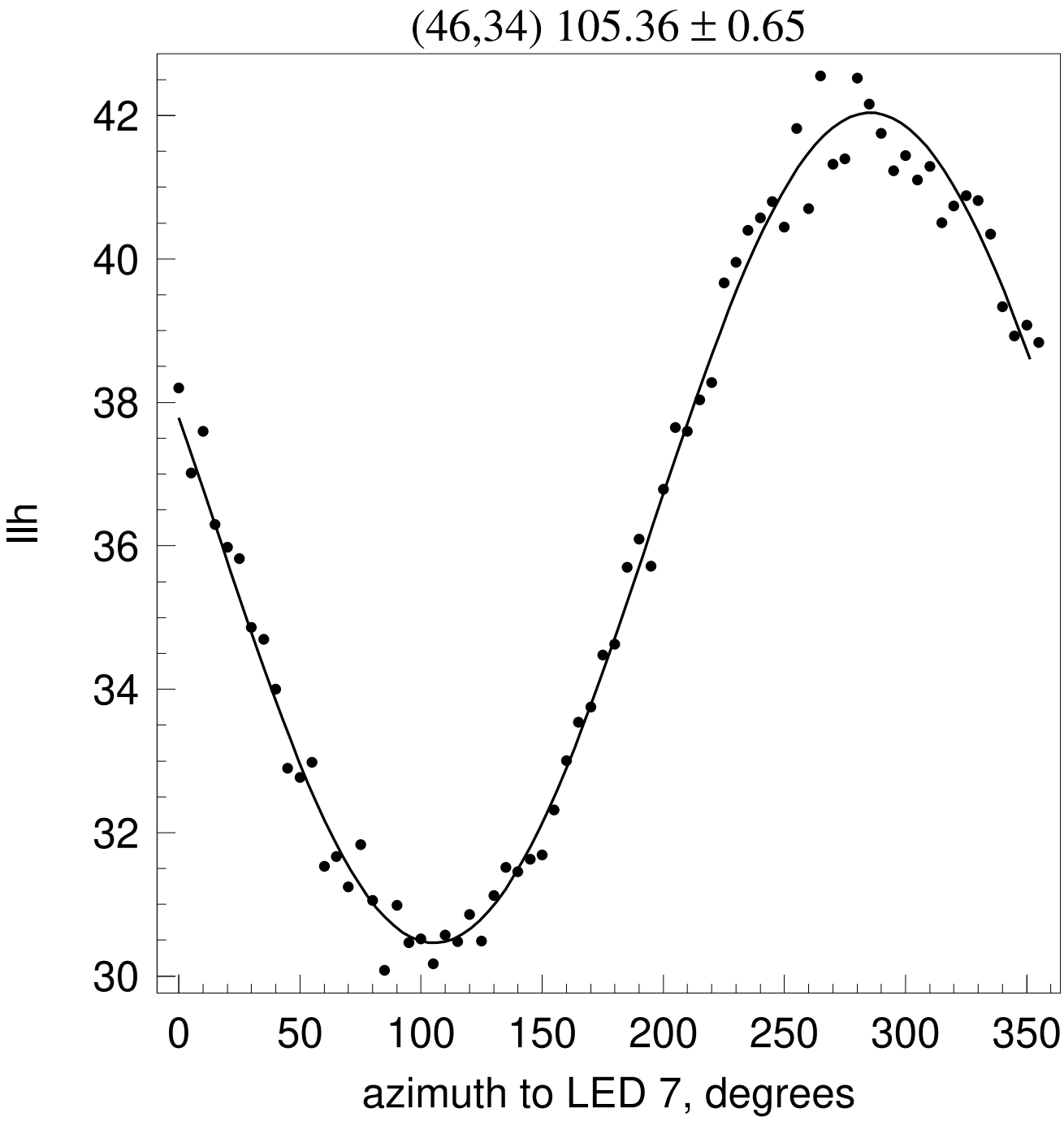

(46,29) 185.38 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

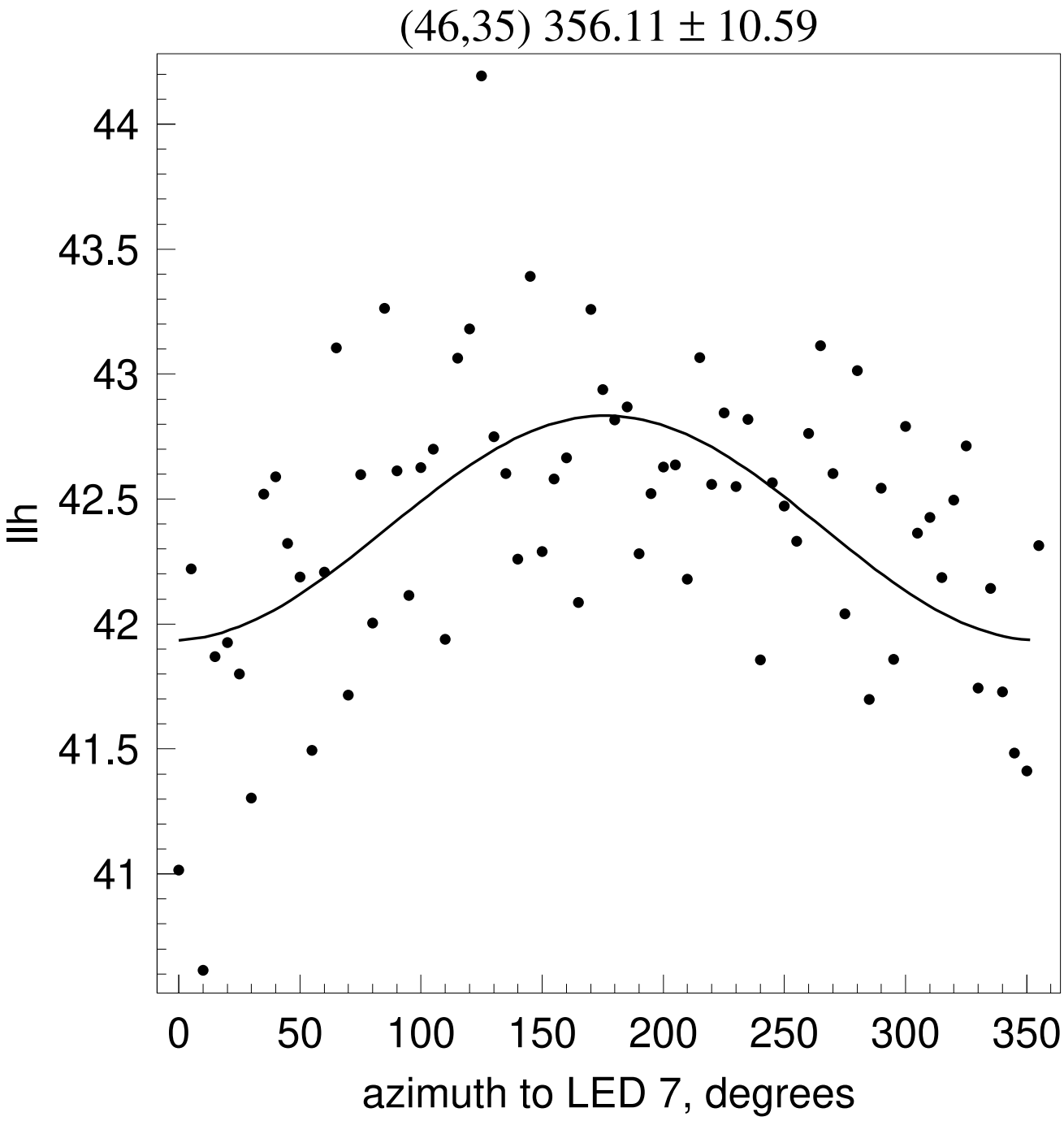

(46,30) 220.74 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

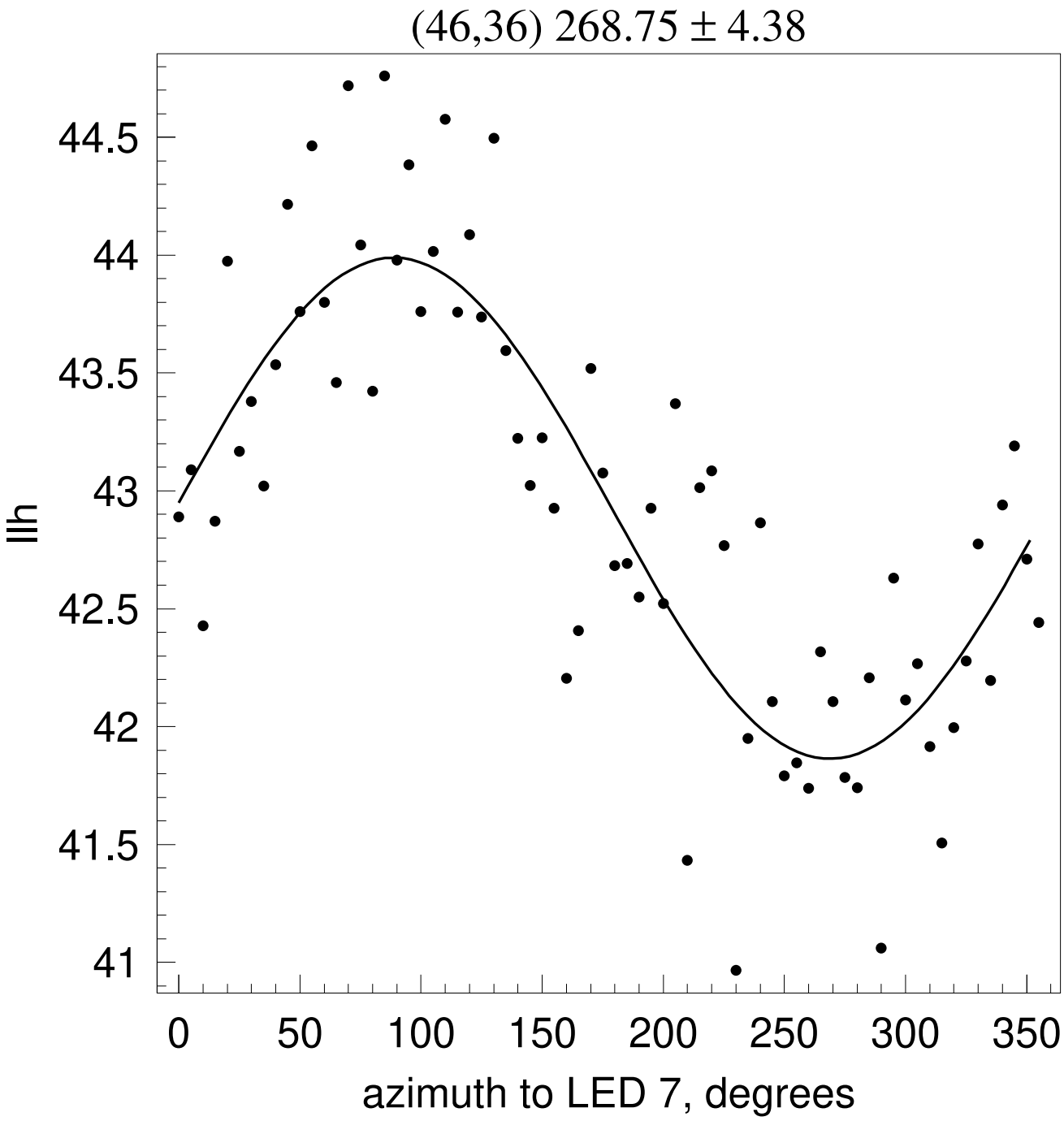

(46,31) 341.52 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

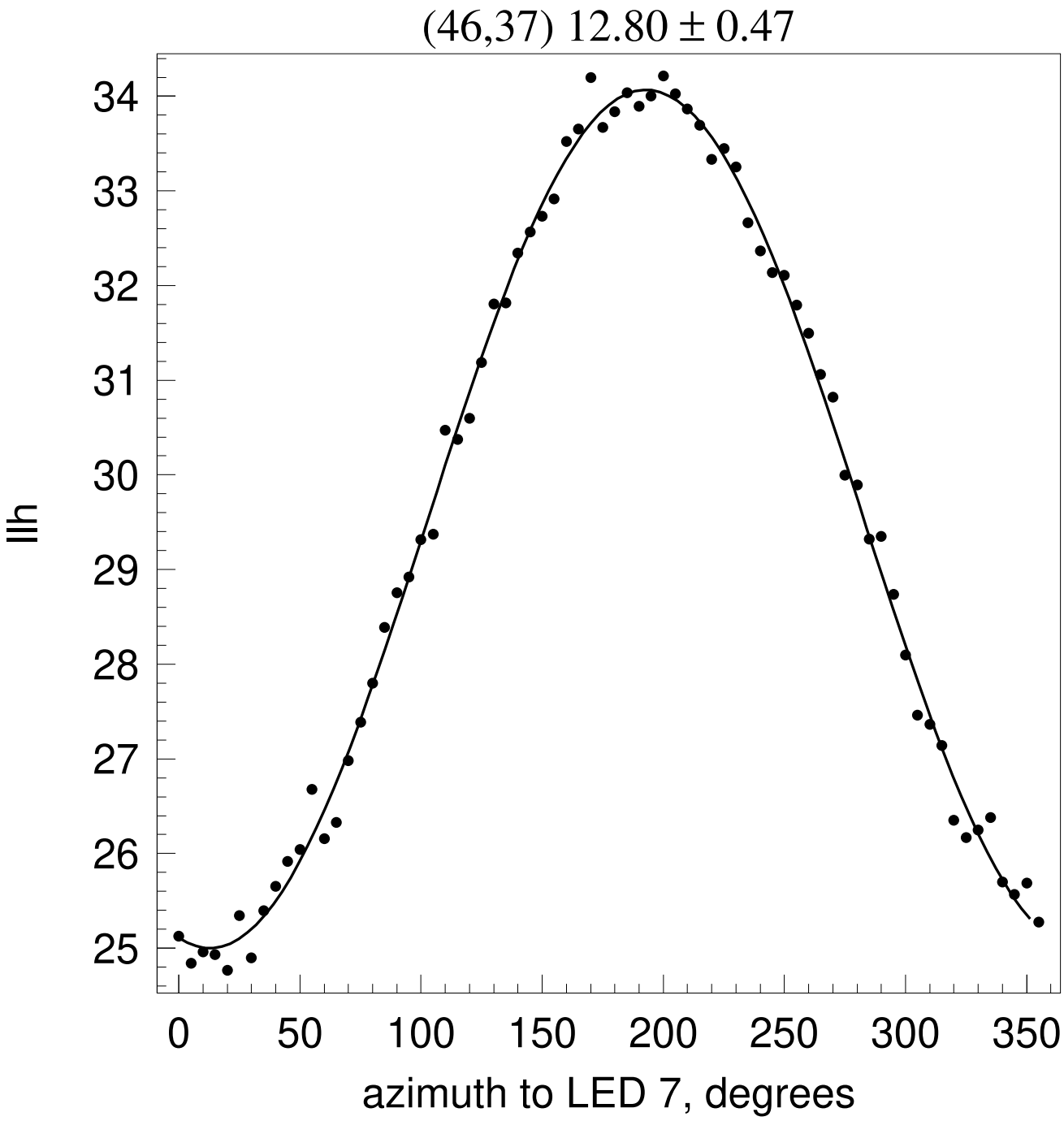

(46,32) 25.21 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

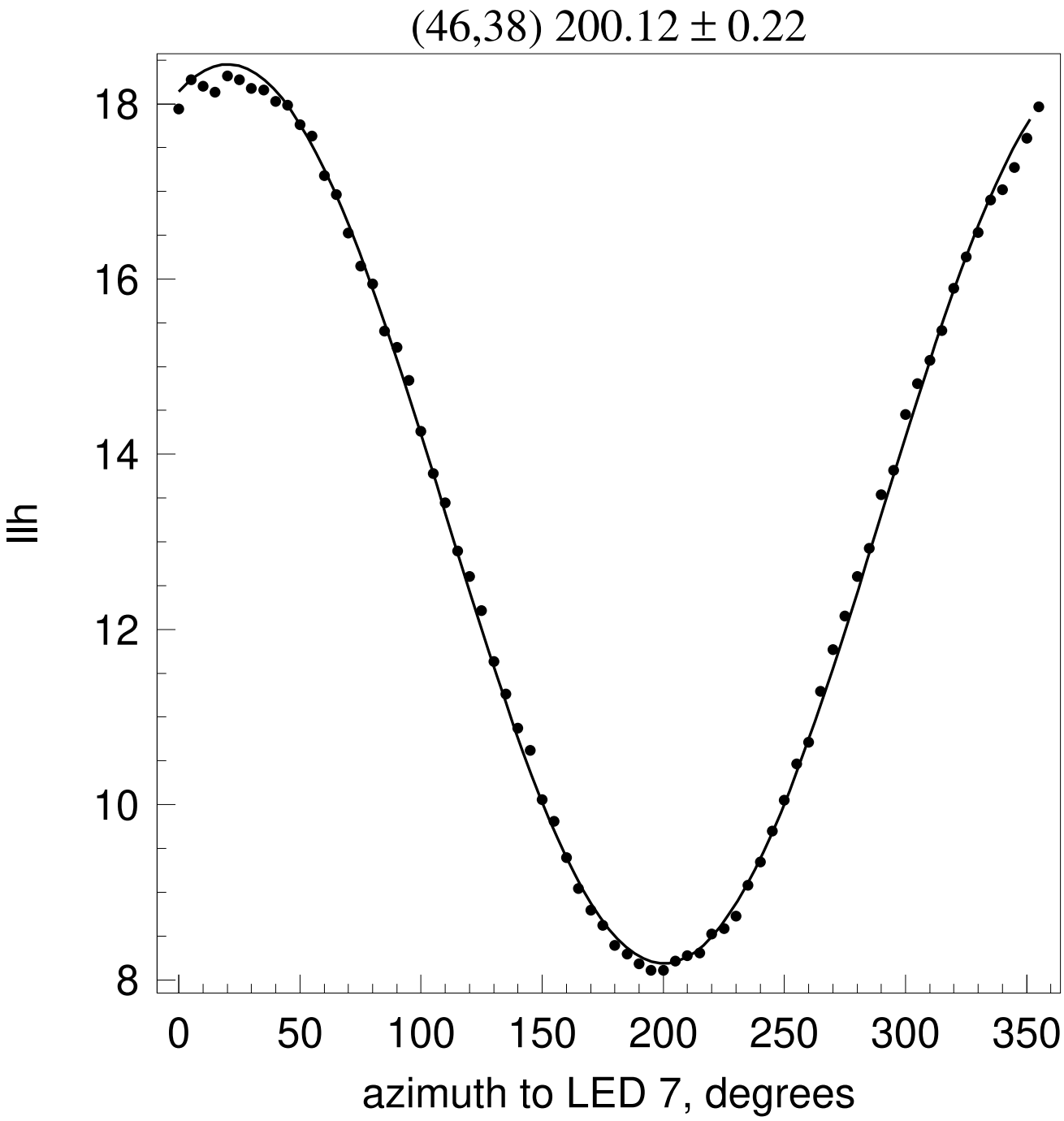

(46,33) 36.63 ± 0.18
50
45
40
35
30
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

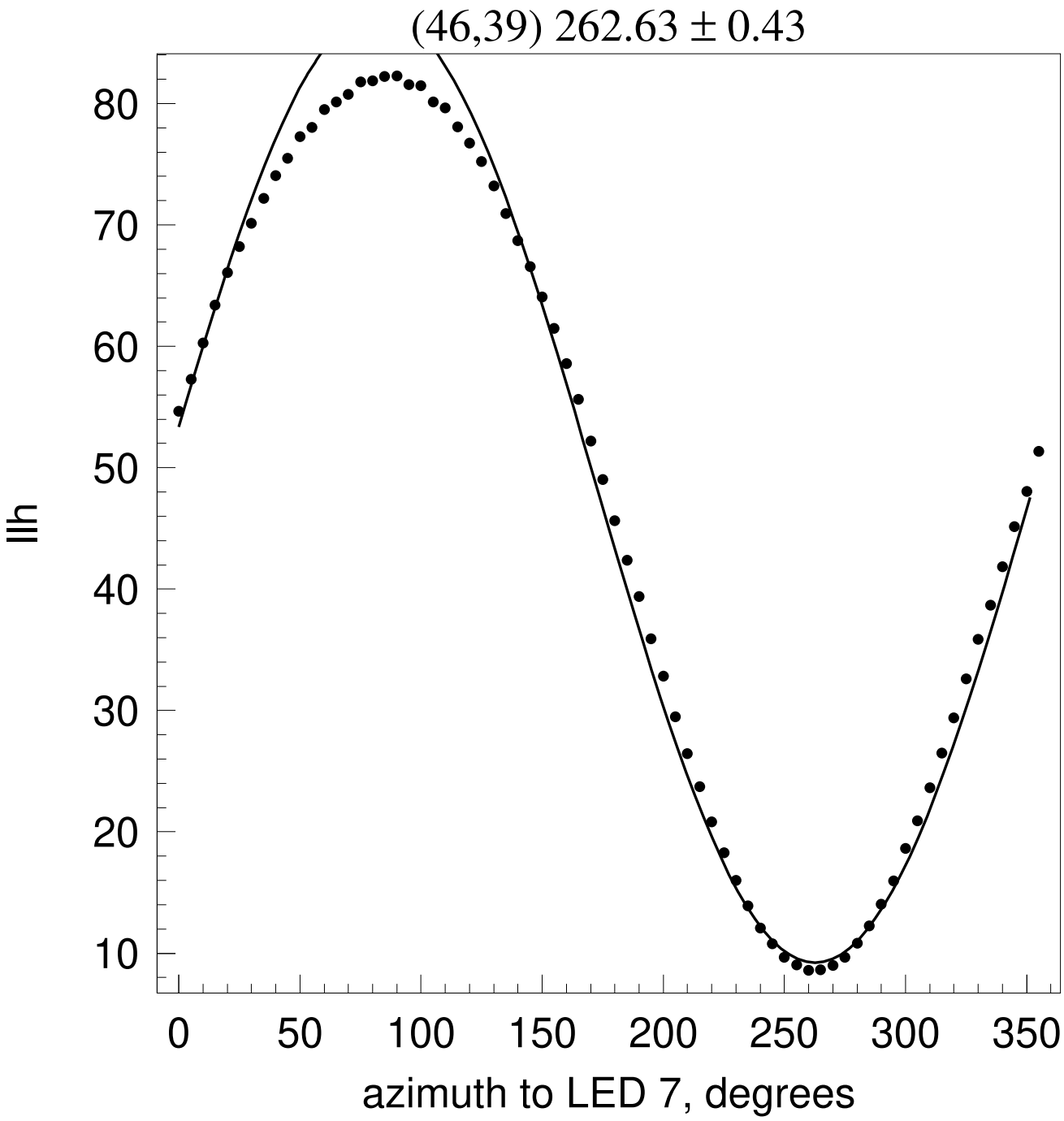

(46,34) 105.36 ± 0.65
42
40
38
36
34
32
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

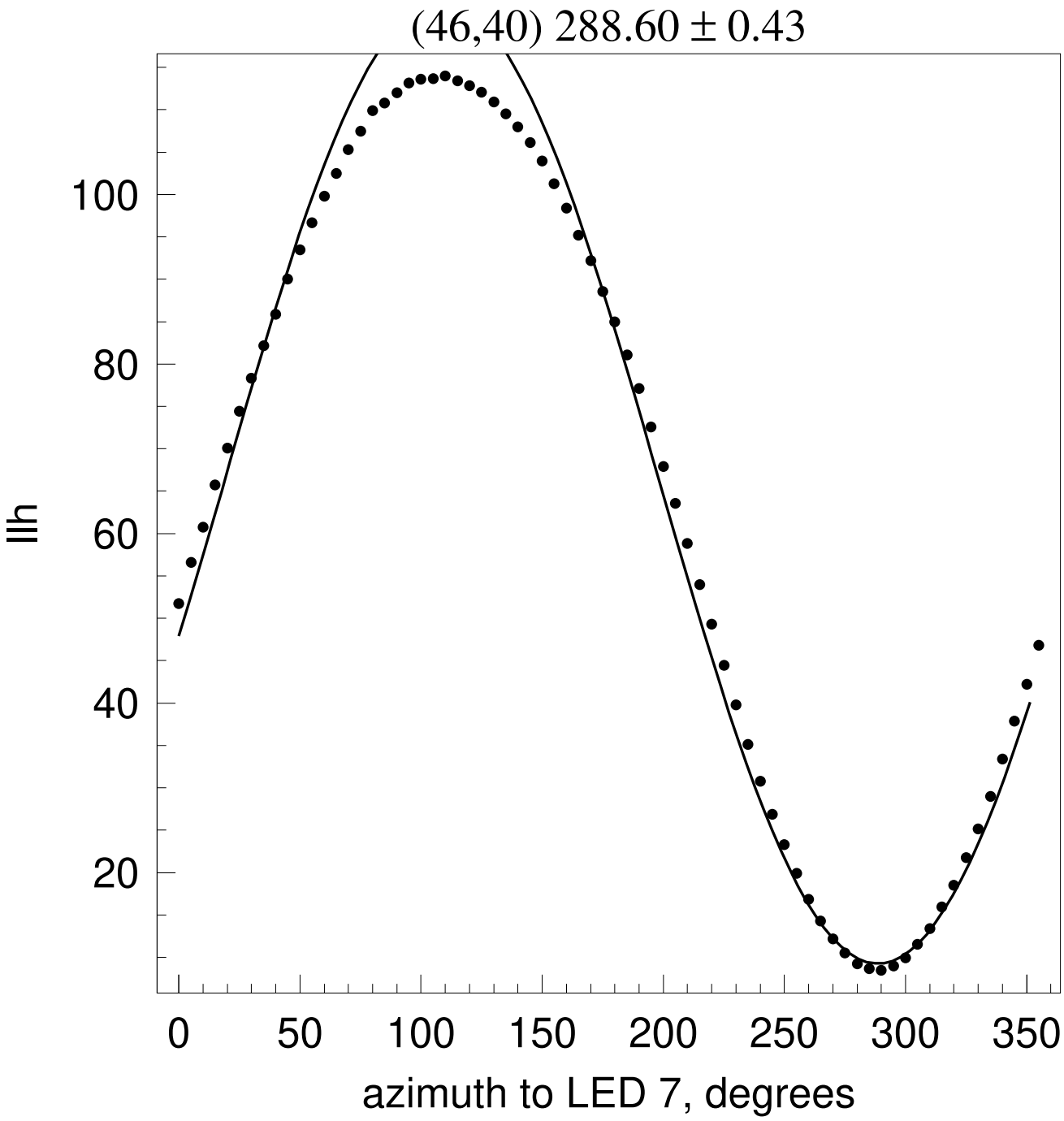

(46,35) 356.11 ± 10.59
llh
44
43.5
43
42.5
42
41.5
41
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

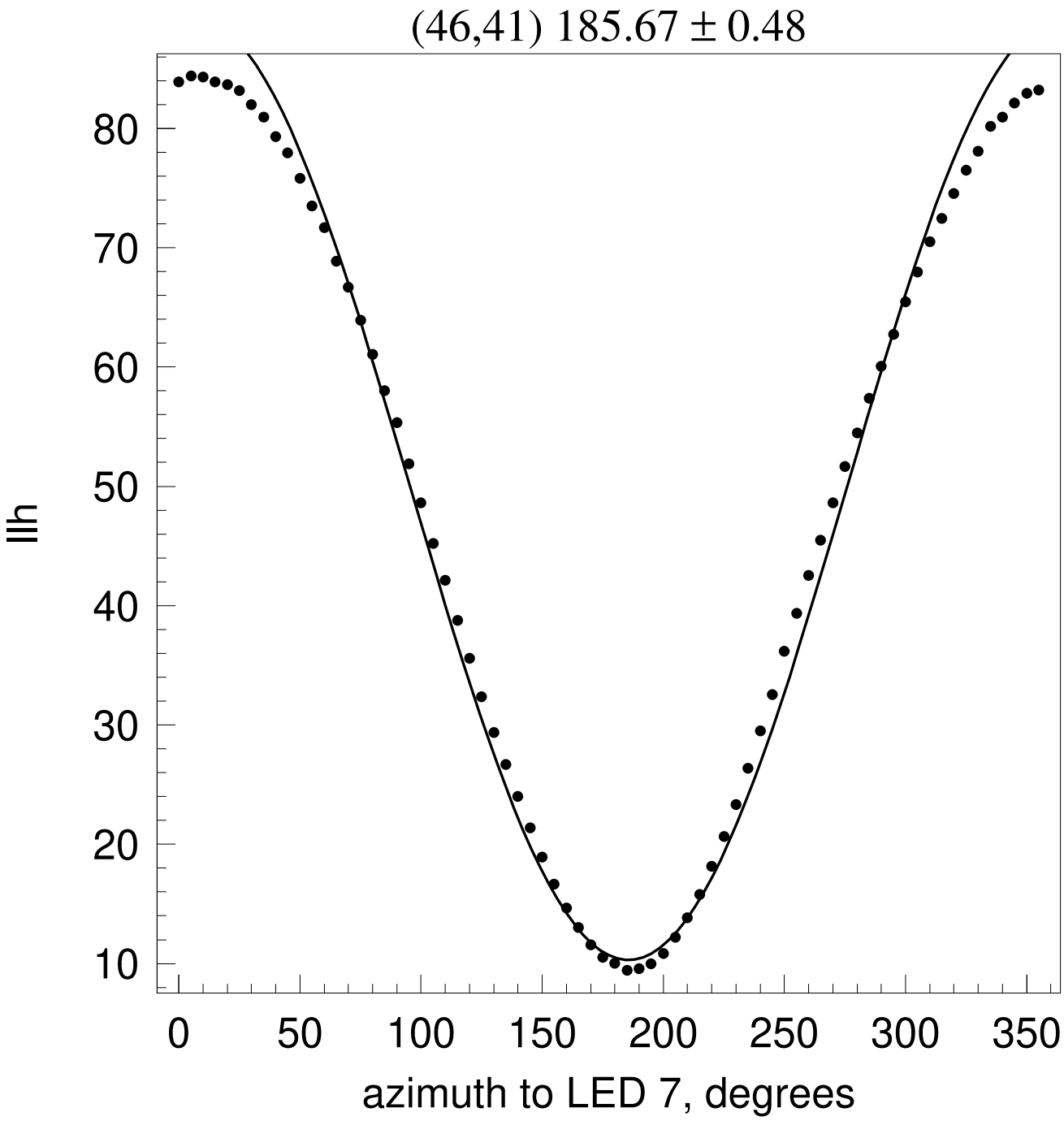

(46,36) 268.75 ± 4.38
44.5
44
43.5
43
42.5
42
41.5
41
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

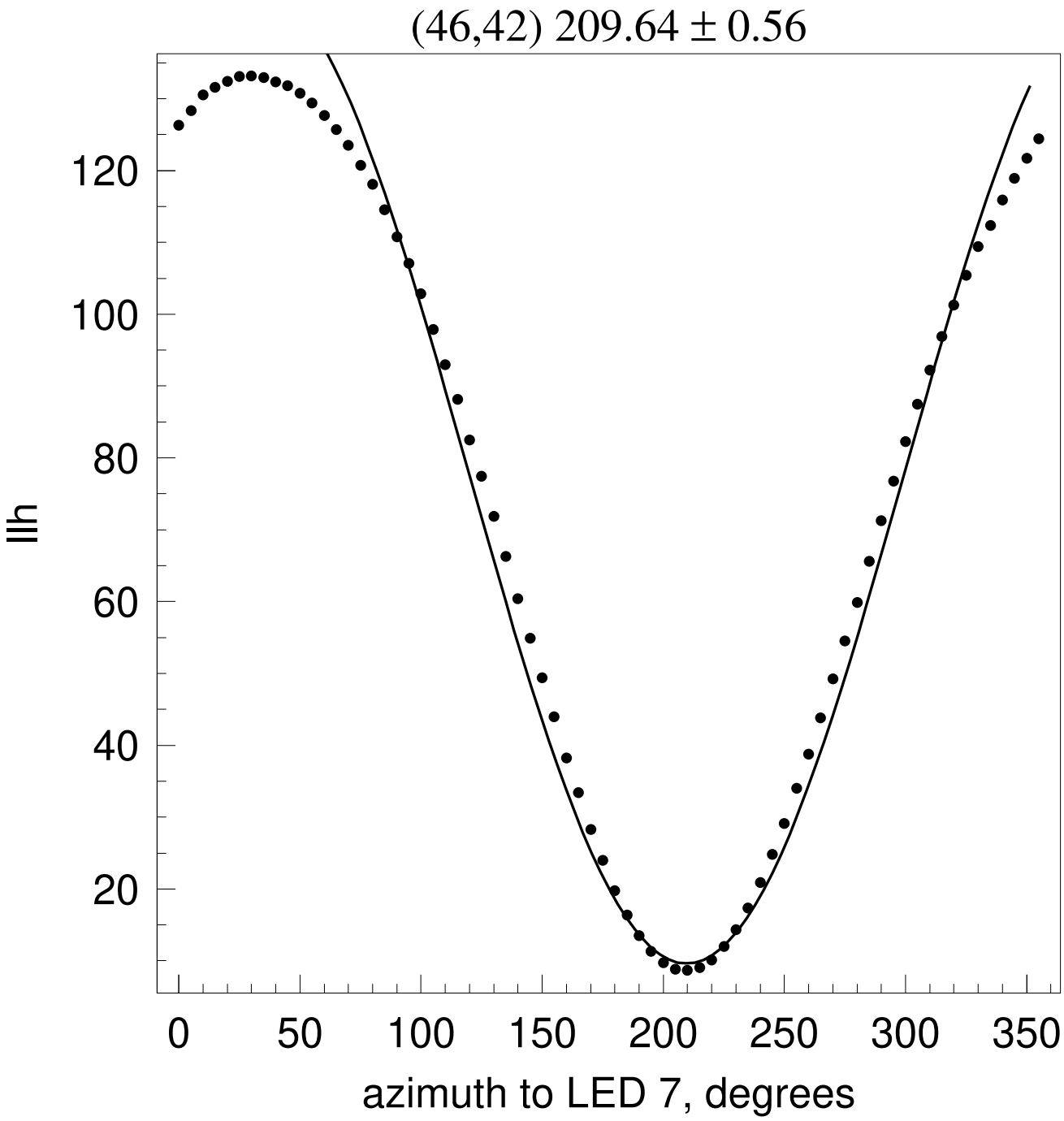

(46,37) 12.80 ± 0.47
34
33
32
31
30
29
28
27
26
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

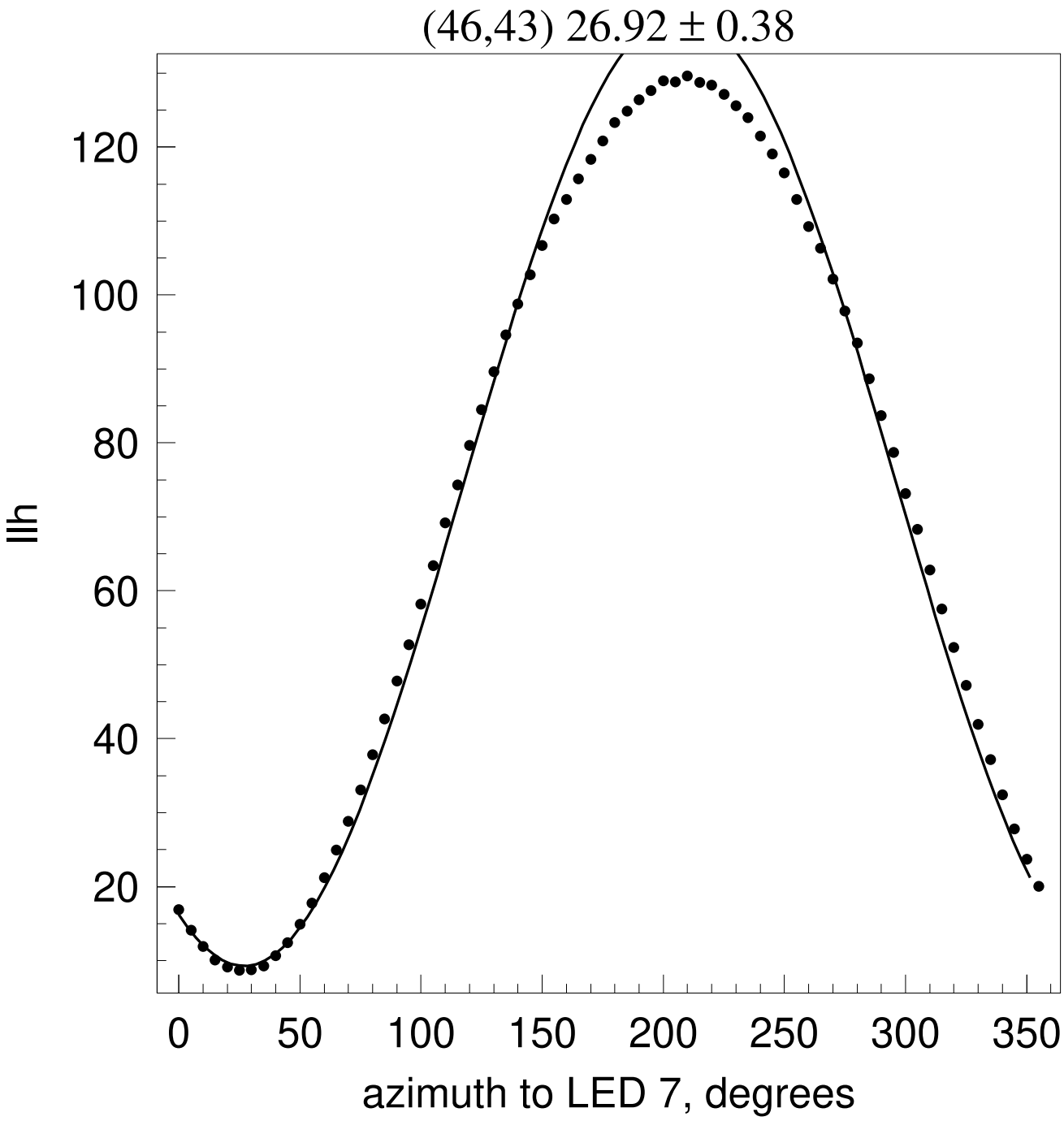

(46,38) 200.12 ± 0.22
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

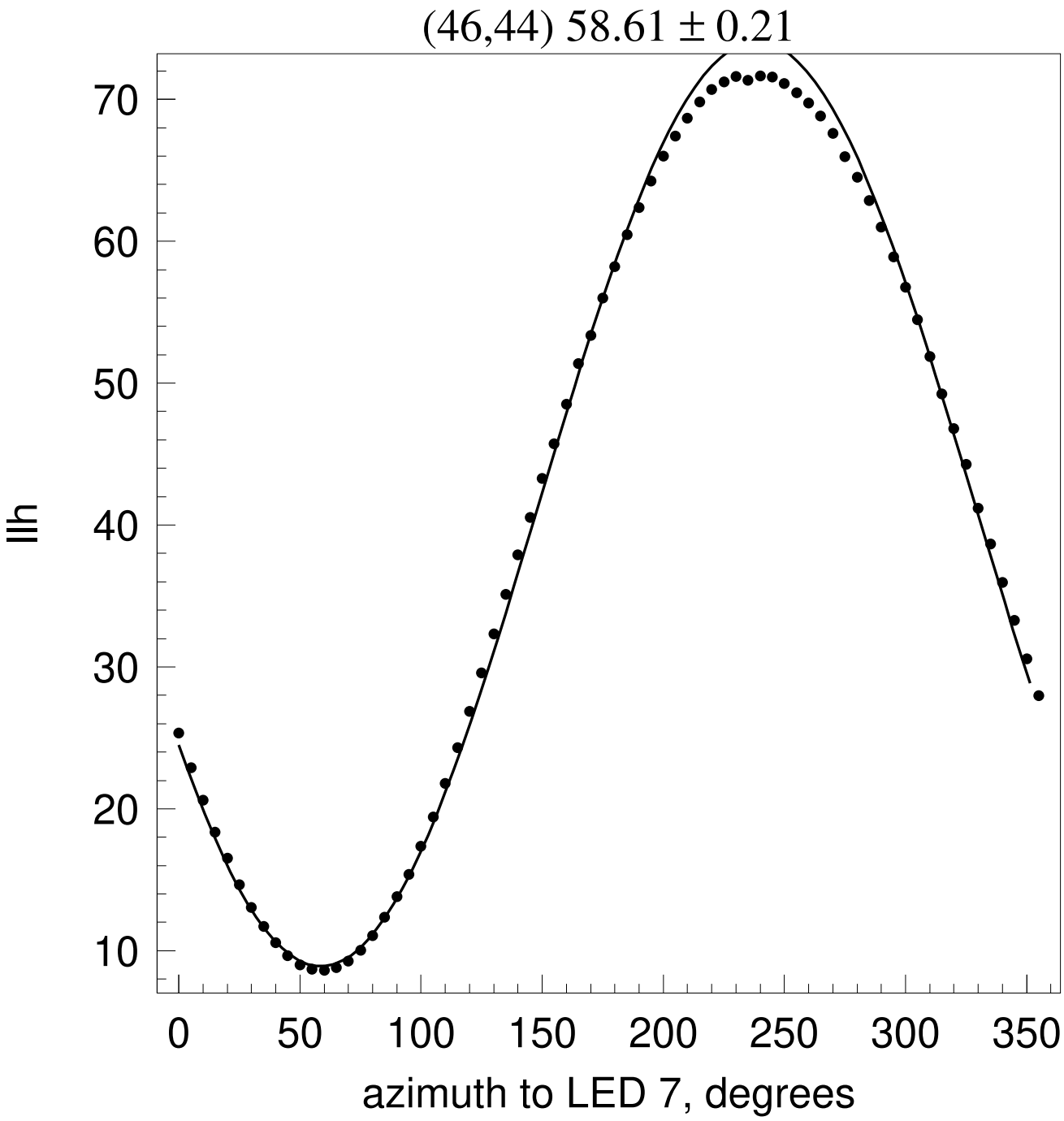

(46,39) 262.63 ± 0.43
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

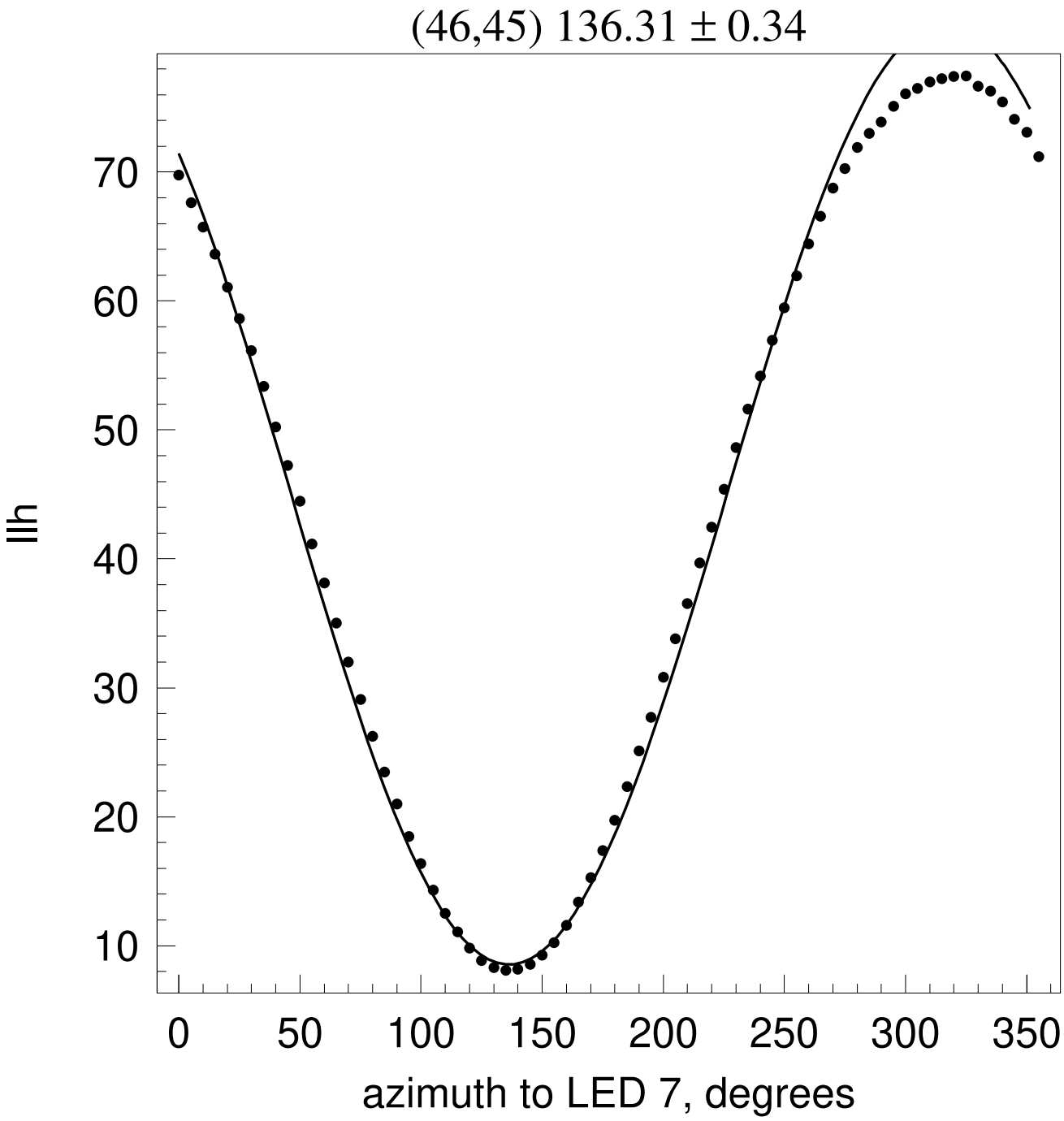

(46,40) 288.60 ± 0.43
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

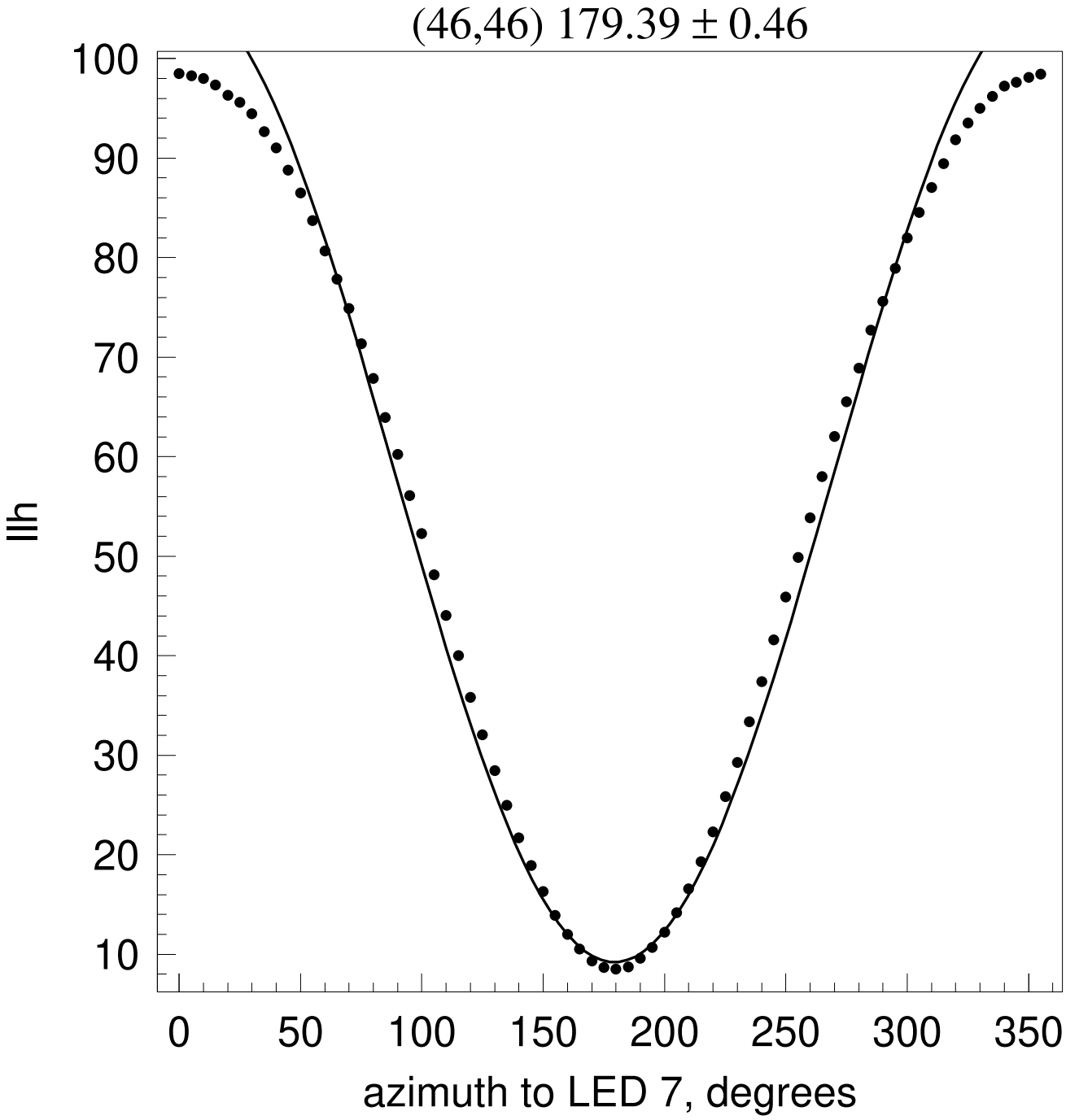

(46,41) 185.67 ± 0.48
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

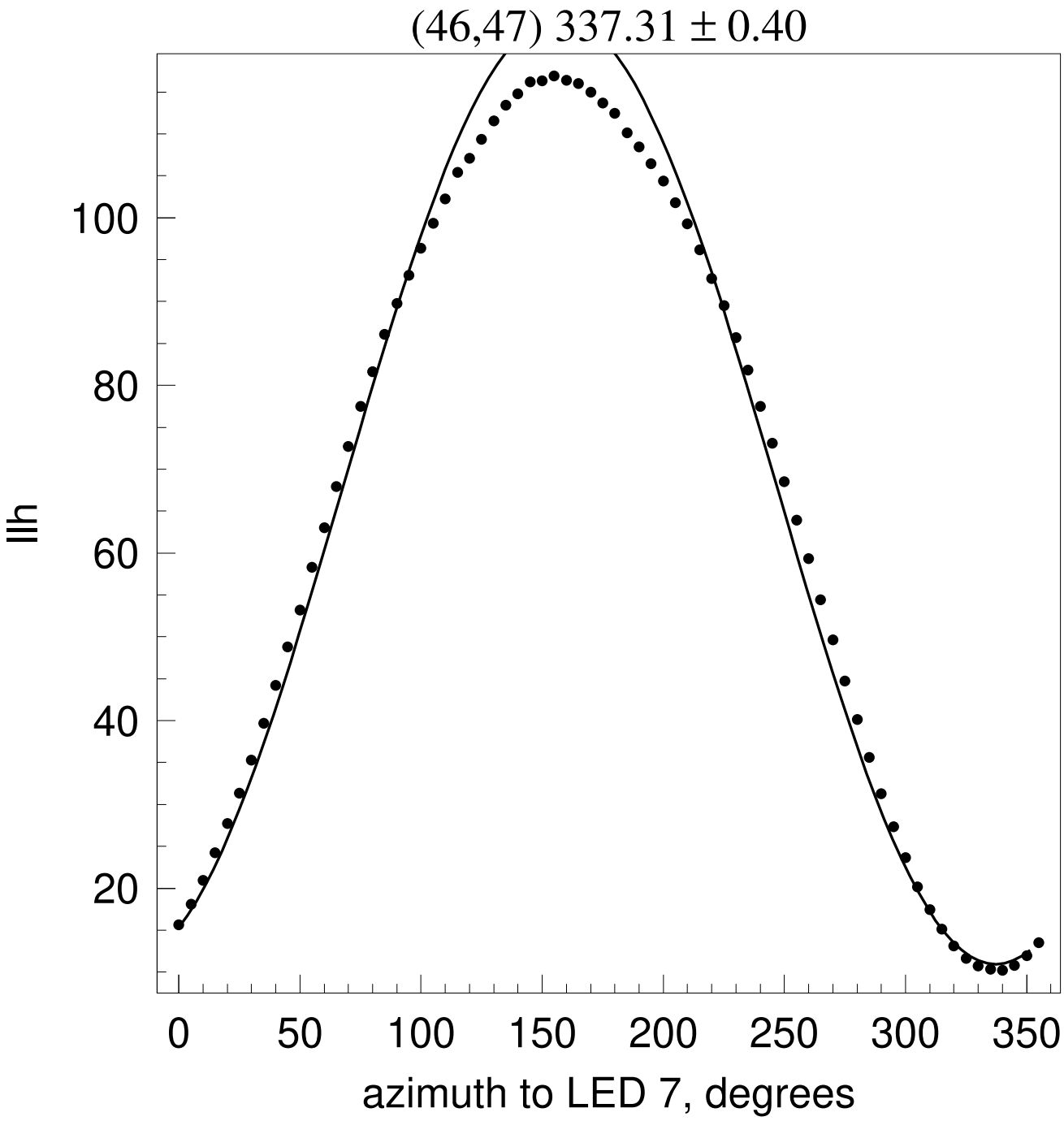

(46,42) 209.64 ± 0.56
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

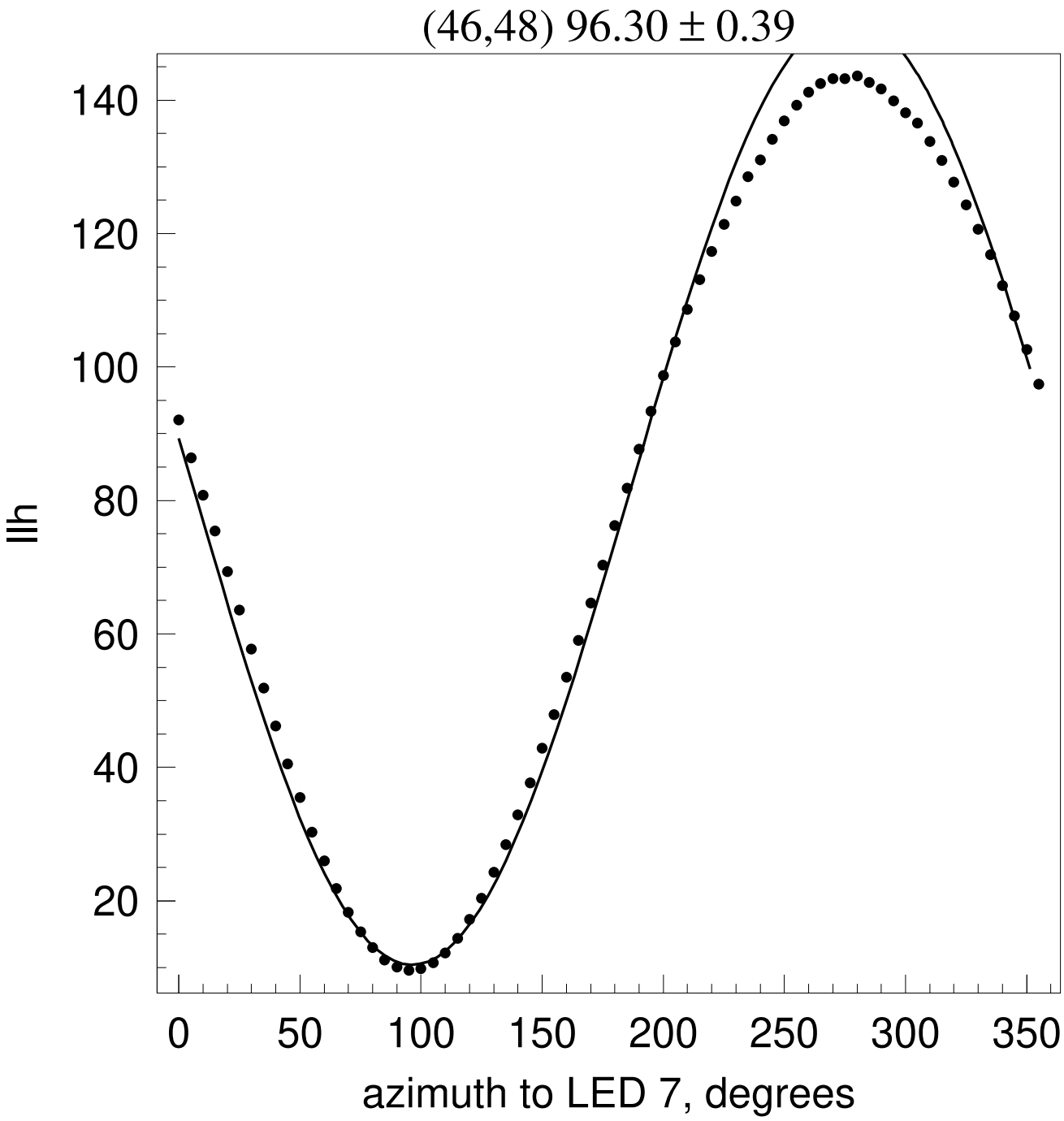

(46,43) 26.92 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

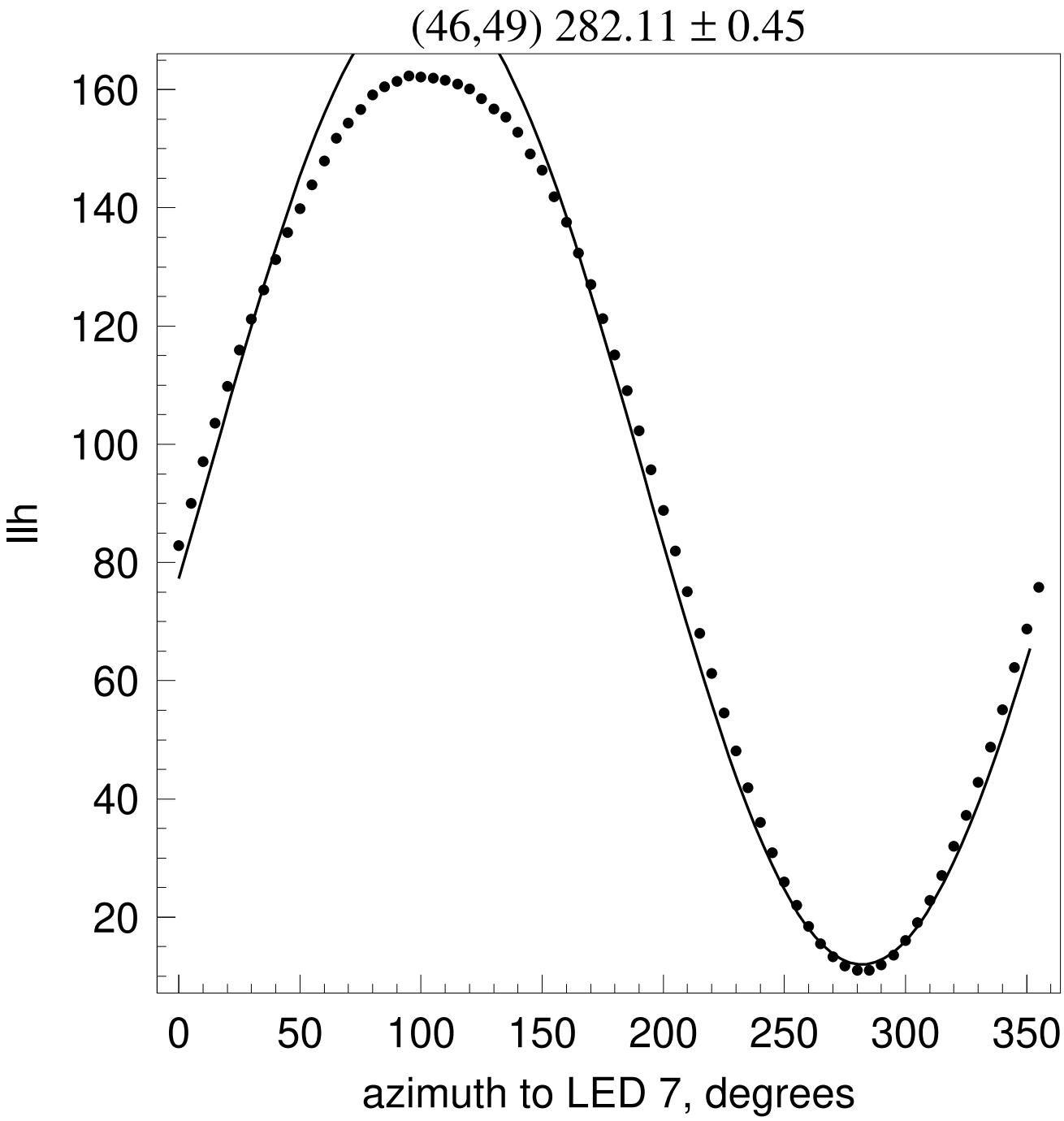

(46,44) 58.61 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

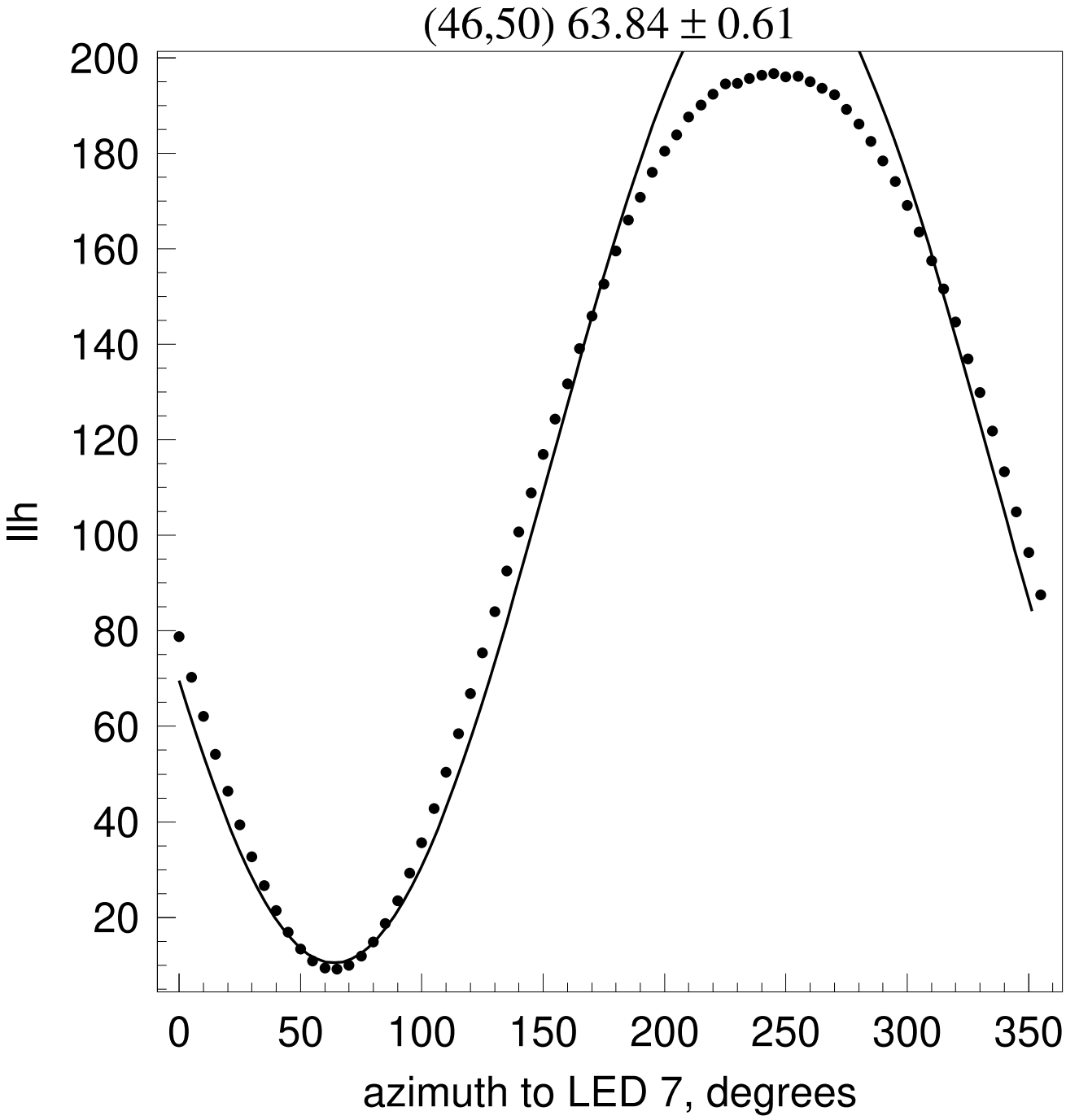

(46,45) 136.31 ± 0.34
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

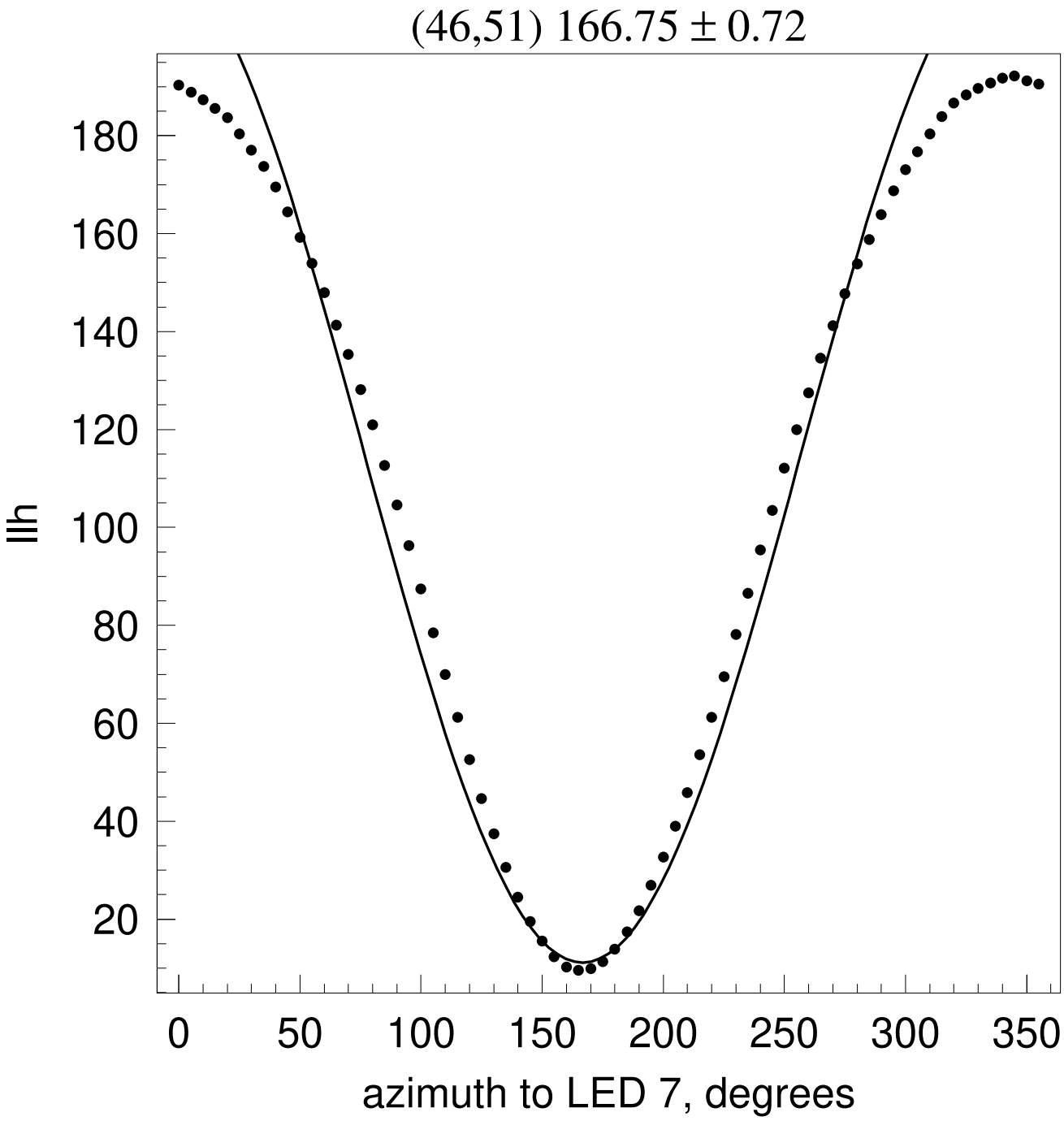

(46,46) 179.39 ± 0.46
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

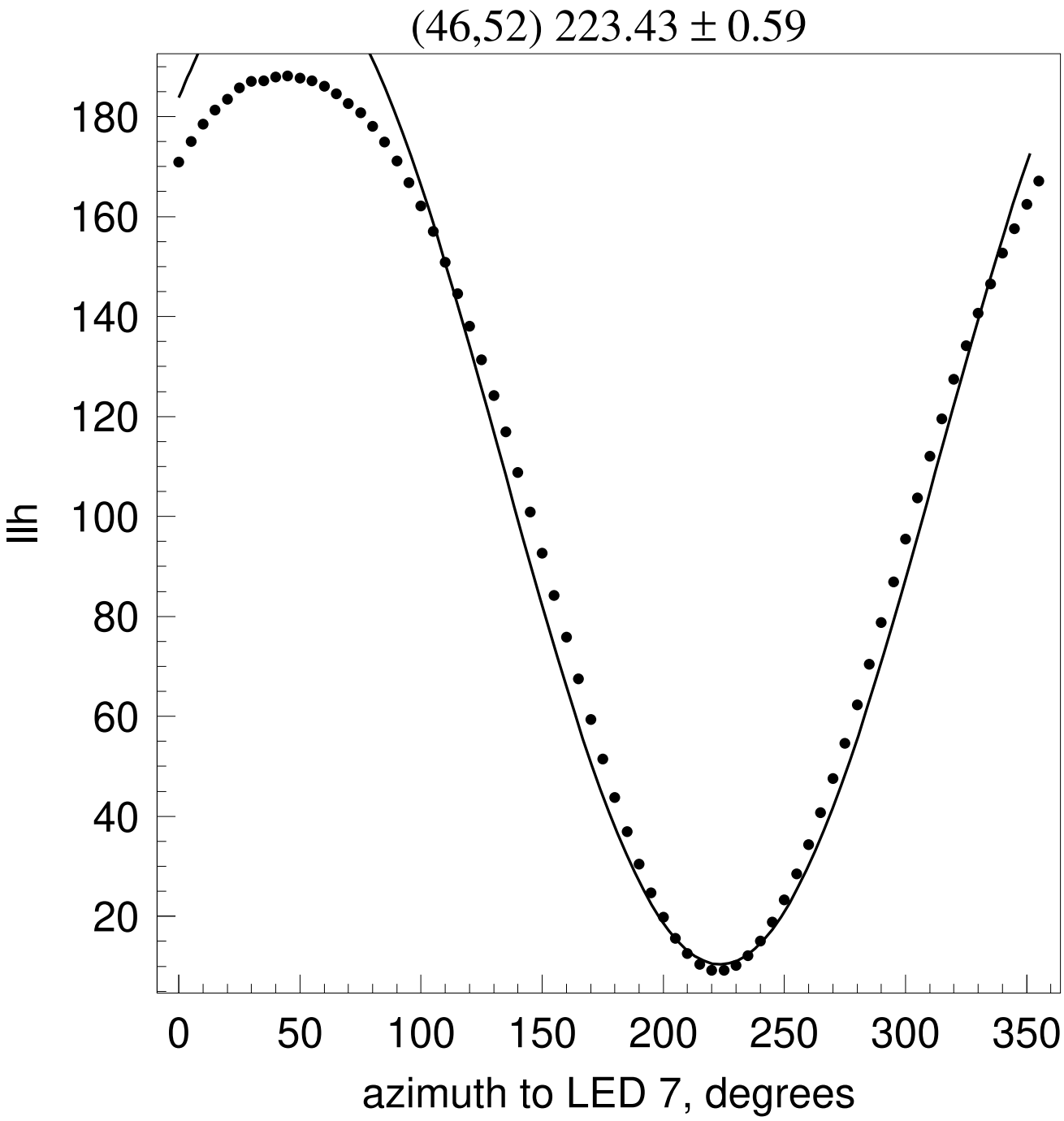

(46,47) 337.31 ± 0.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

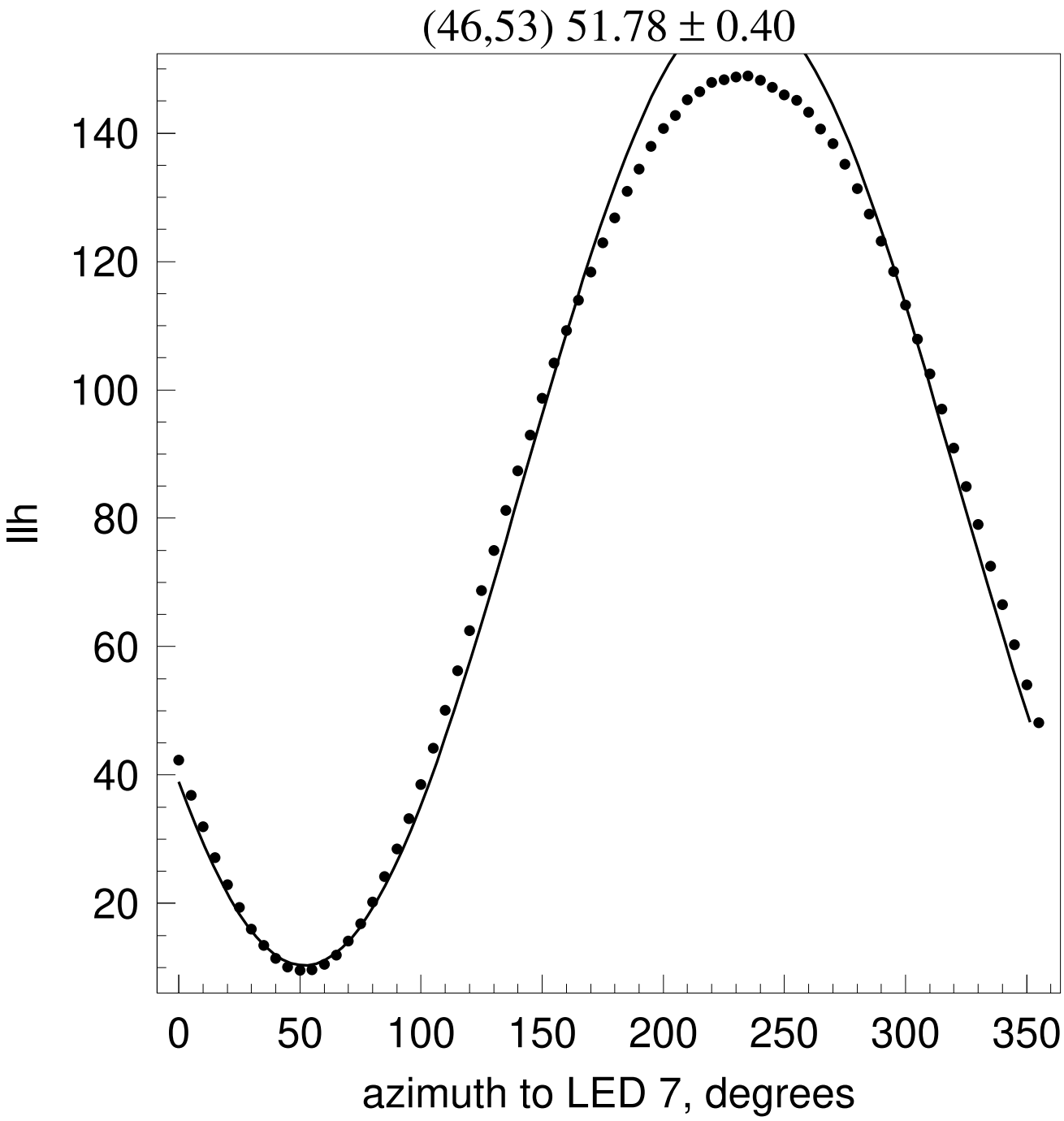

(46,48) 96.30 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

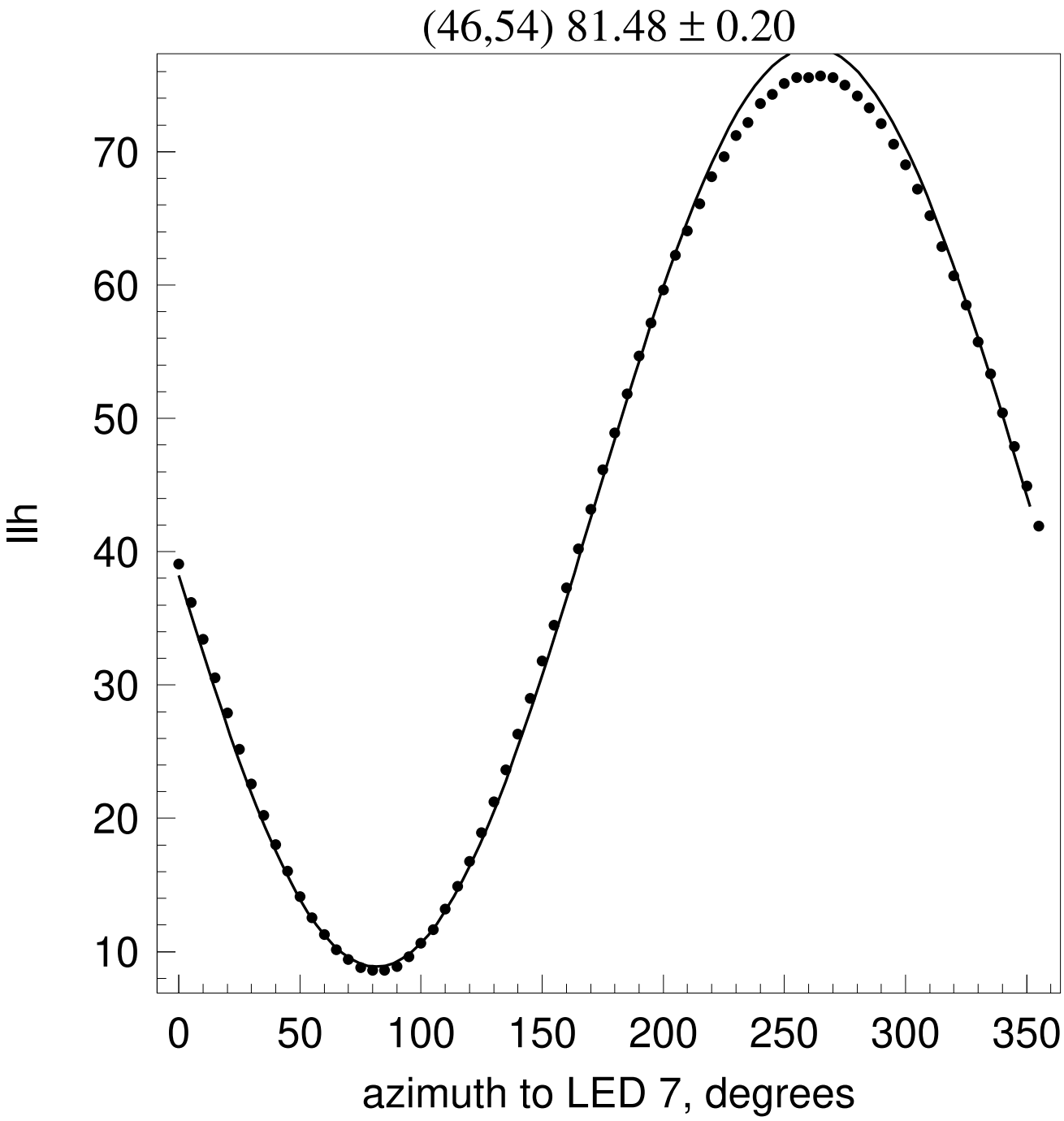

(46,49) 282.11 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

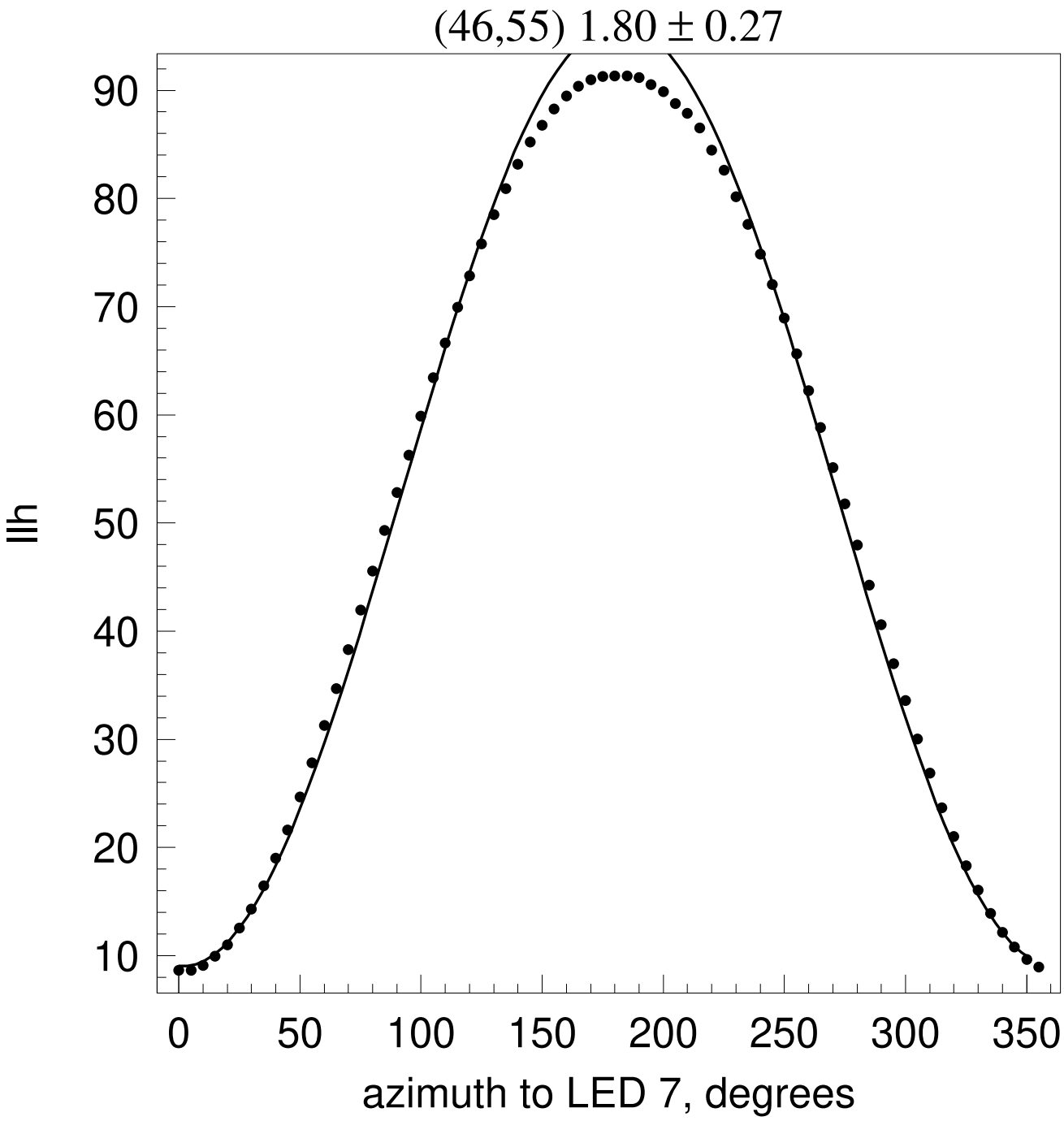

(46,50) 63.84 ± 0.61
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

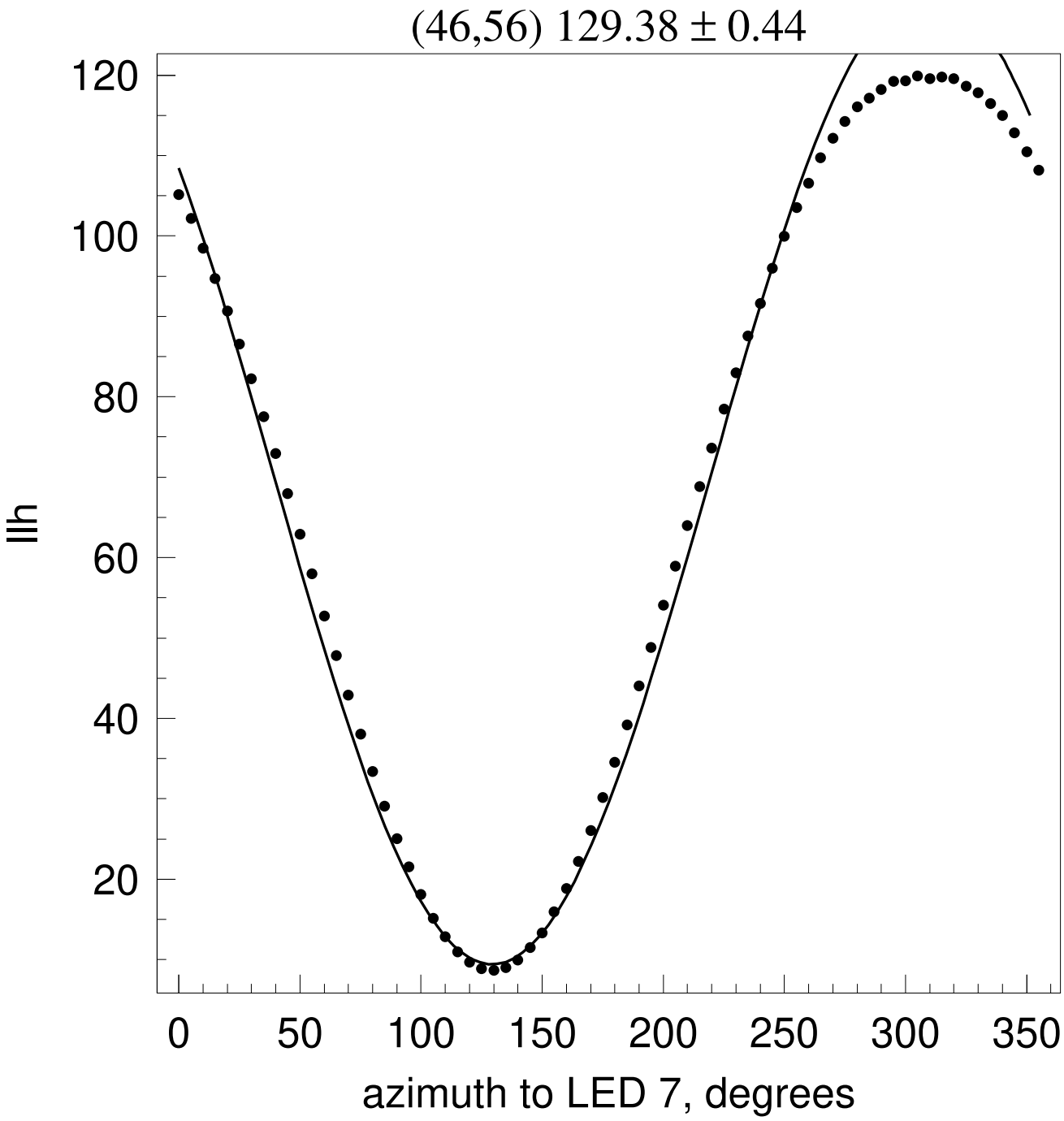

(46,51) 166.75 ± 0.72
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

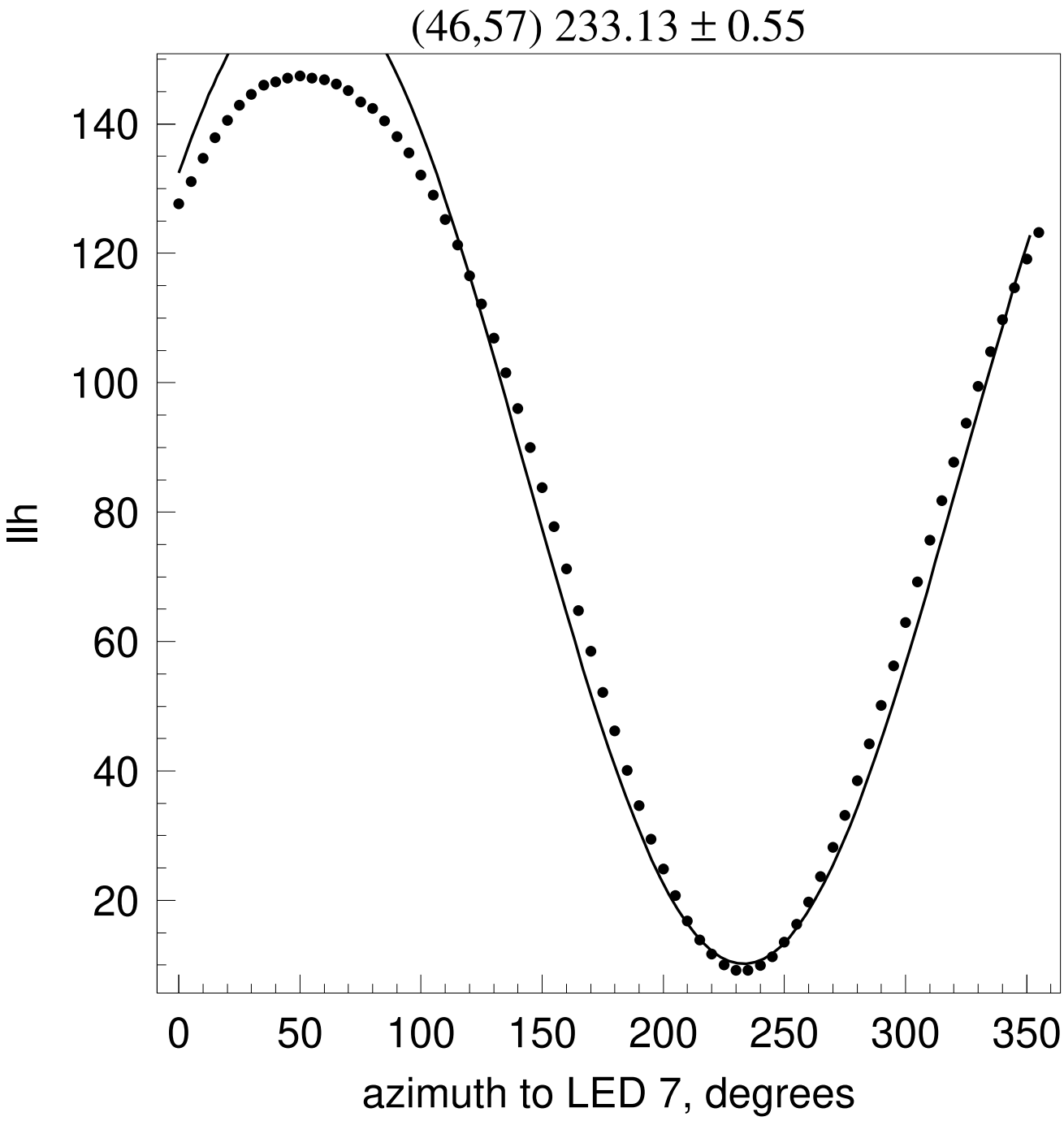

(46,52) 223.43 ± 0.59
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

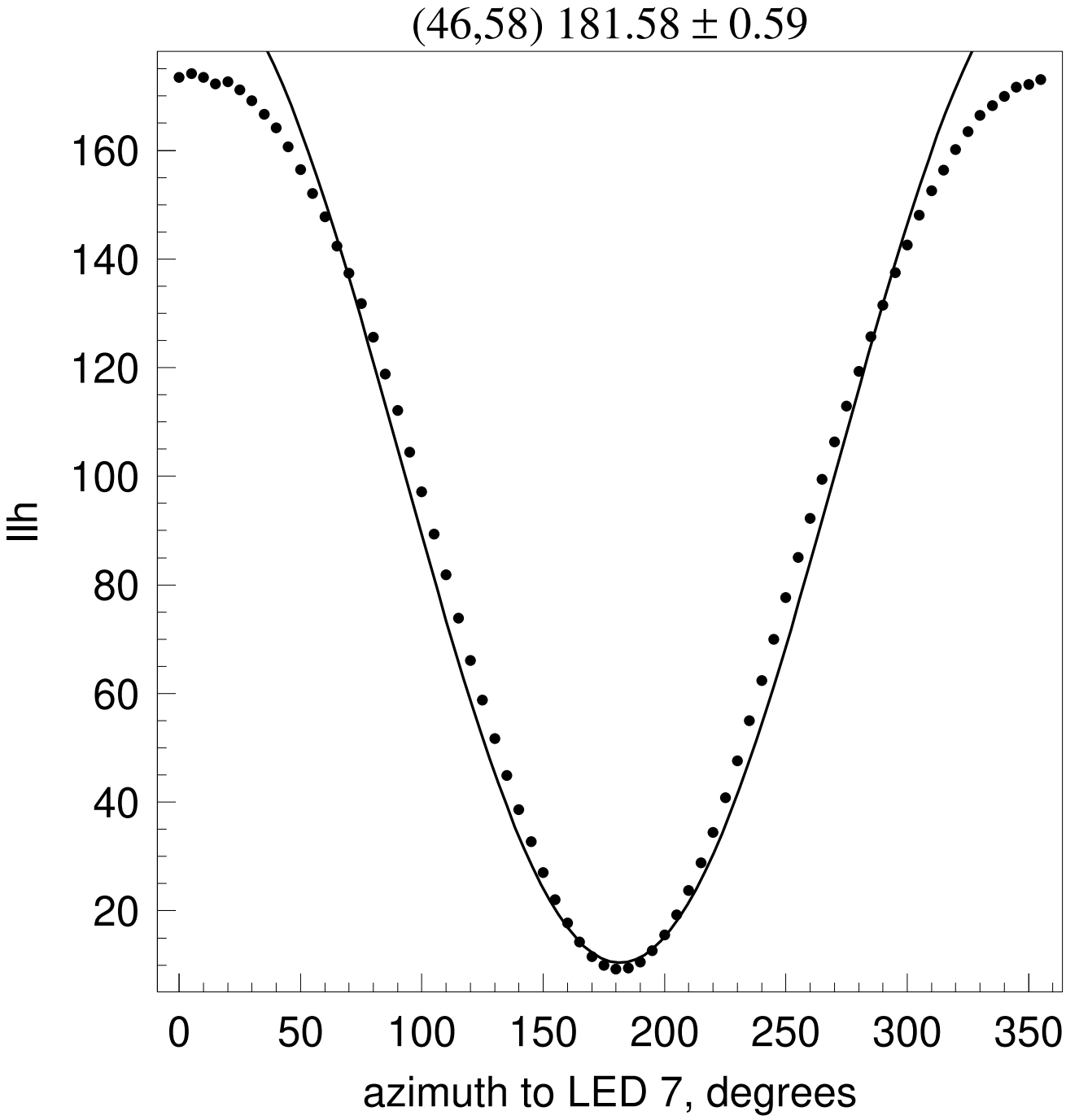

(46,53) 51.78 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

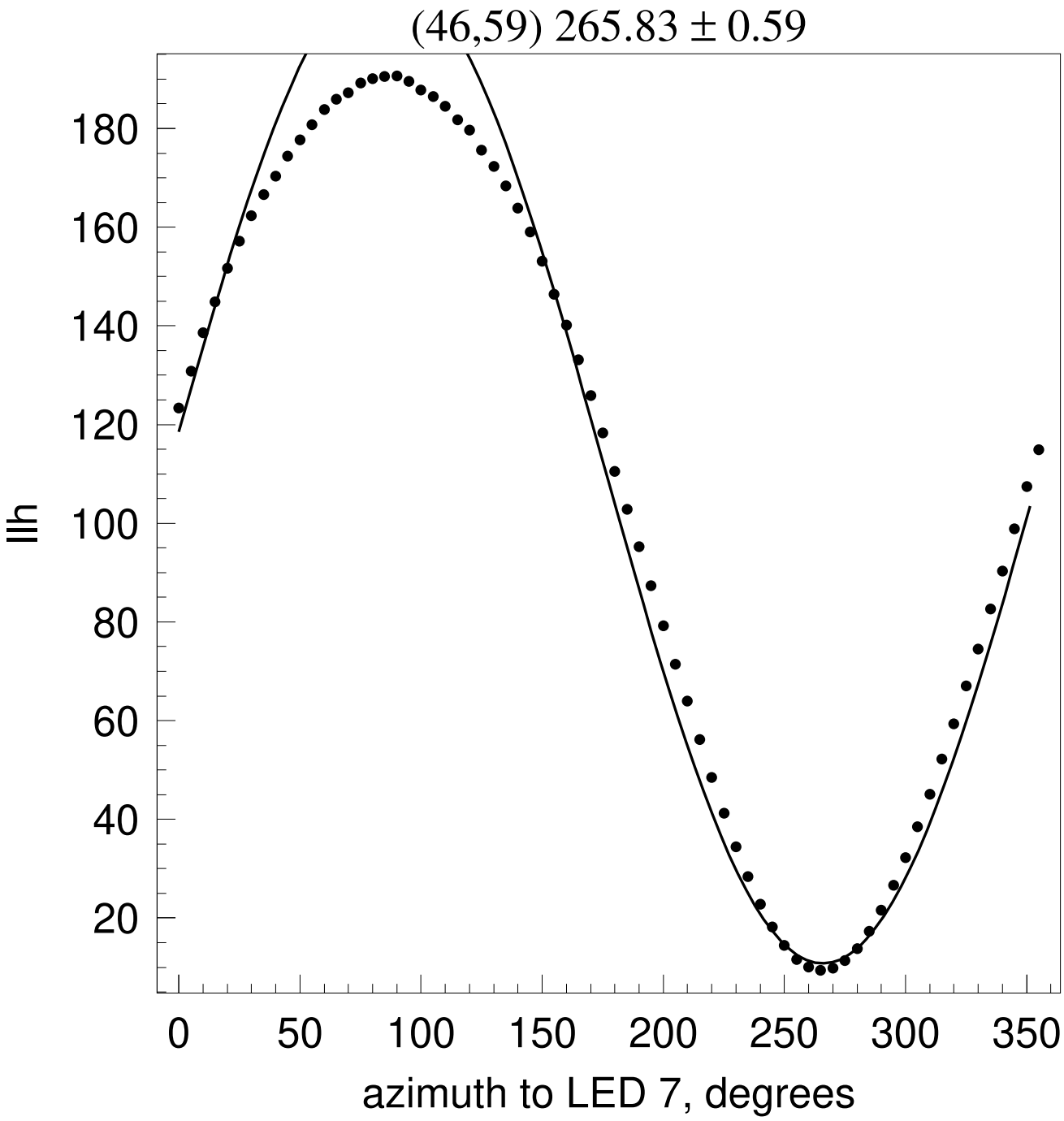

(46,54) 81.48 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

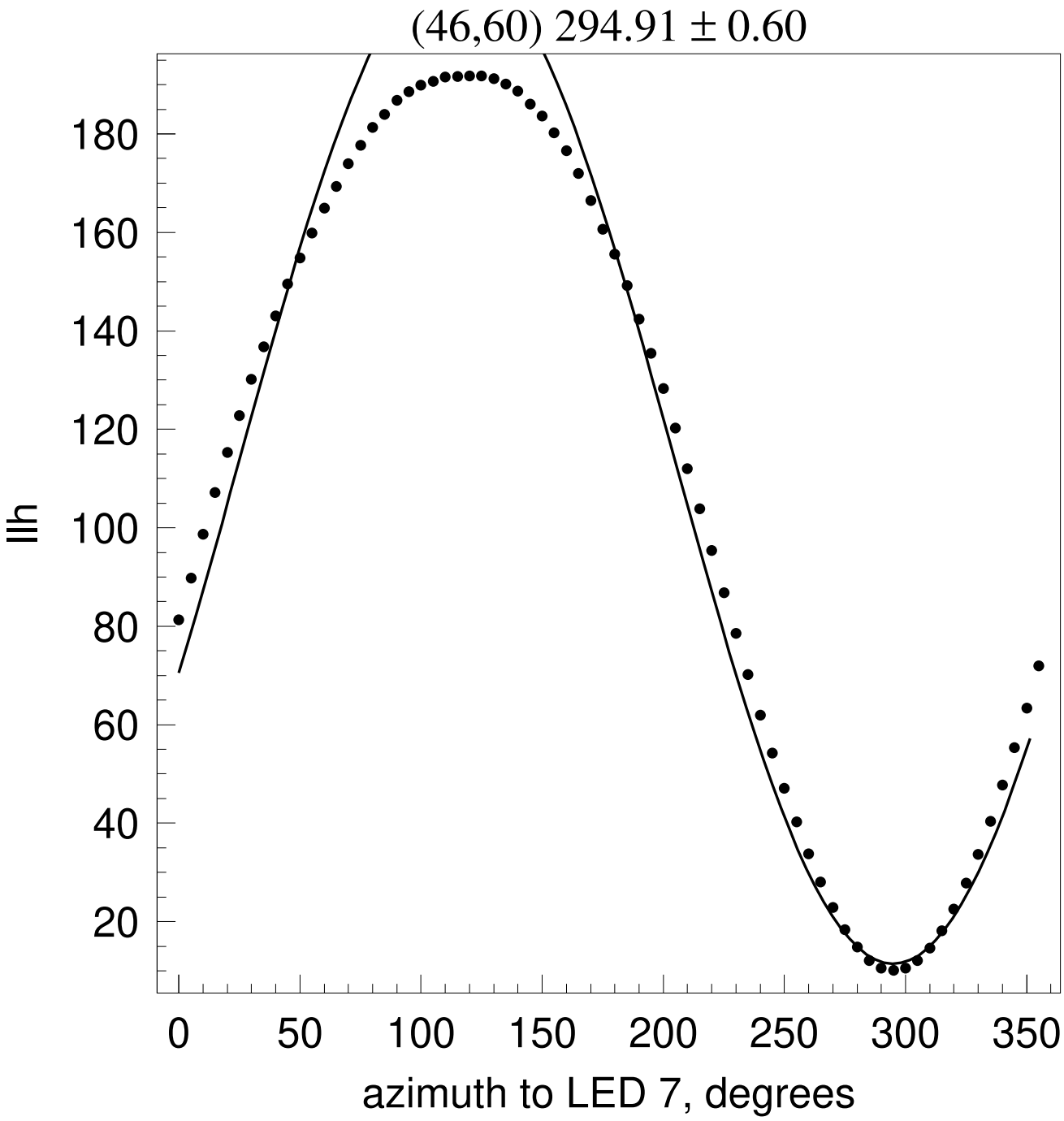

(46,55) 1.80 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

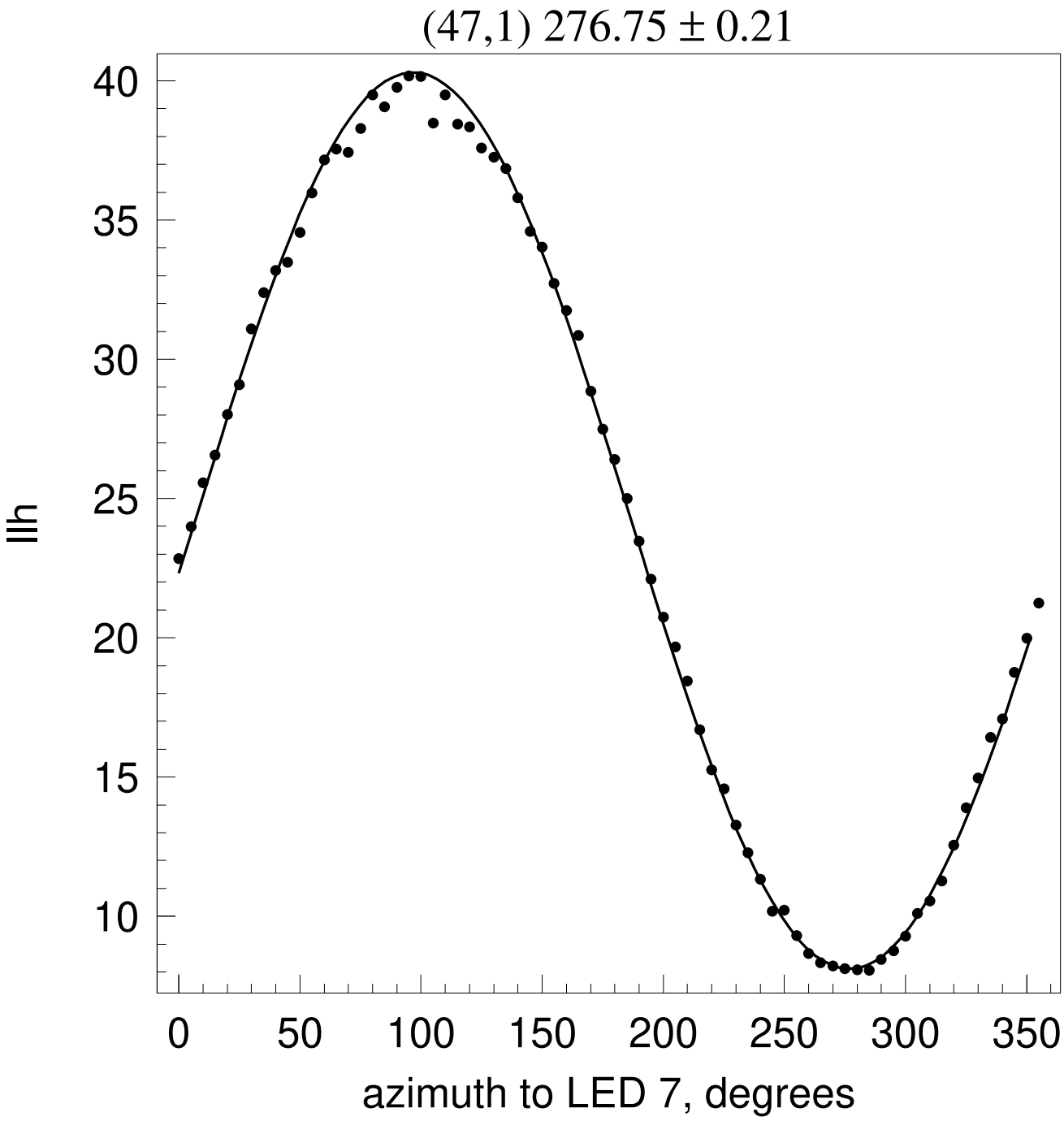

(46,56) 129.38 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

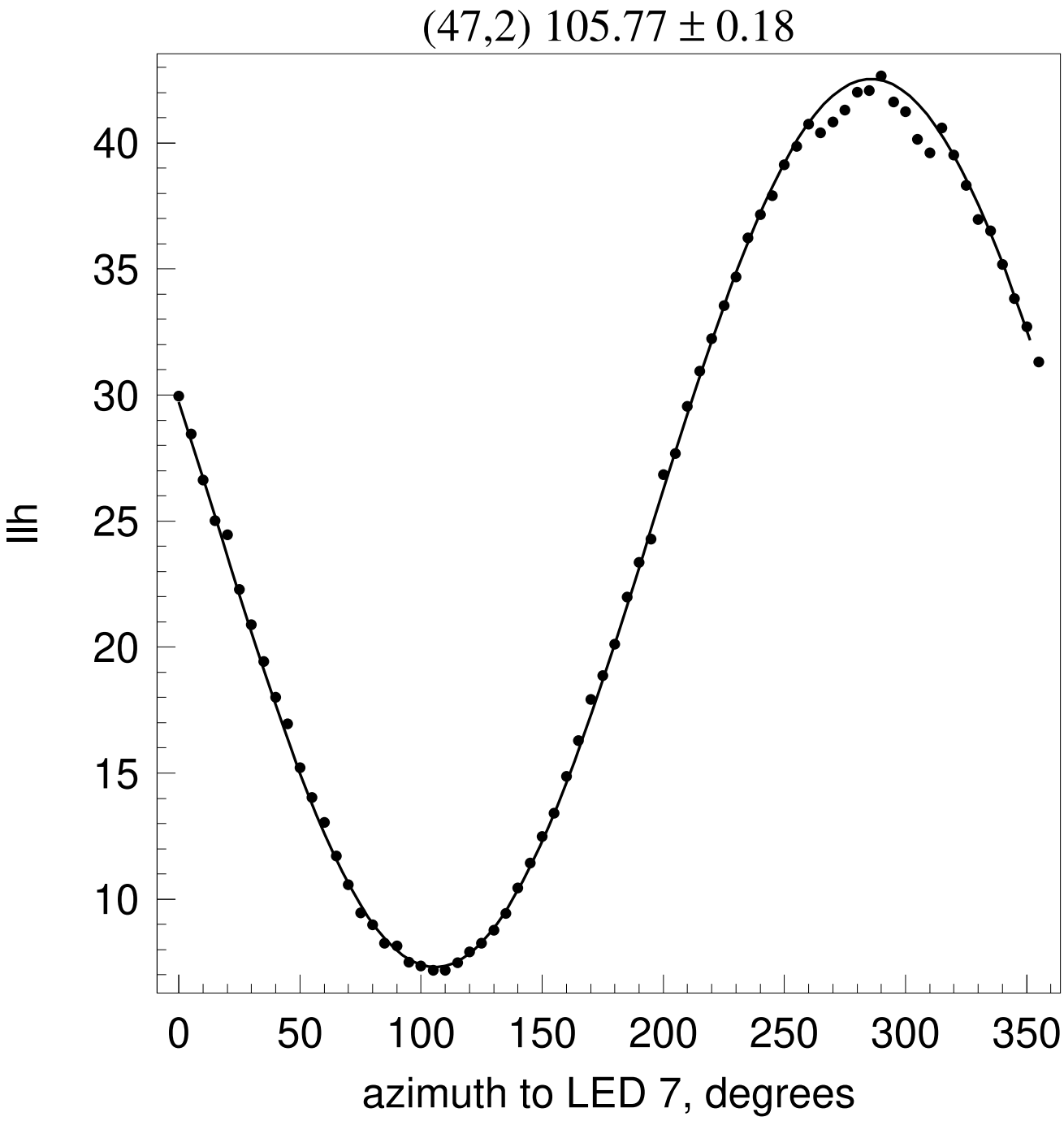

(46,57) 233.13 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

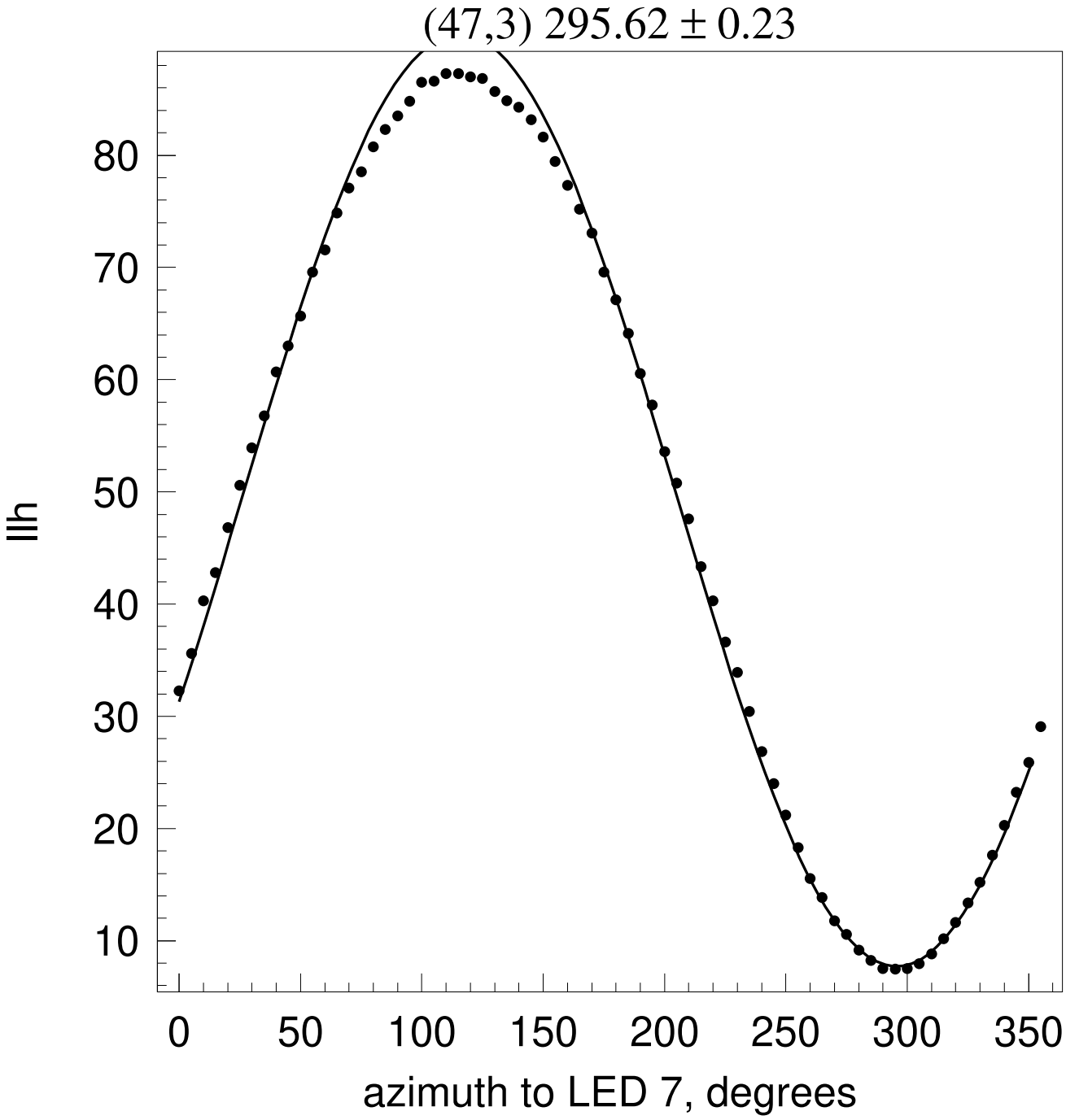

(46,58) 181.58 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

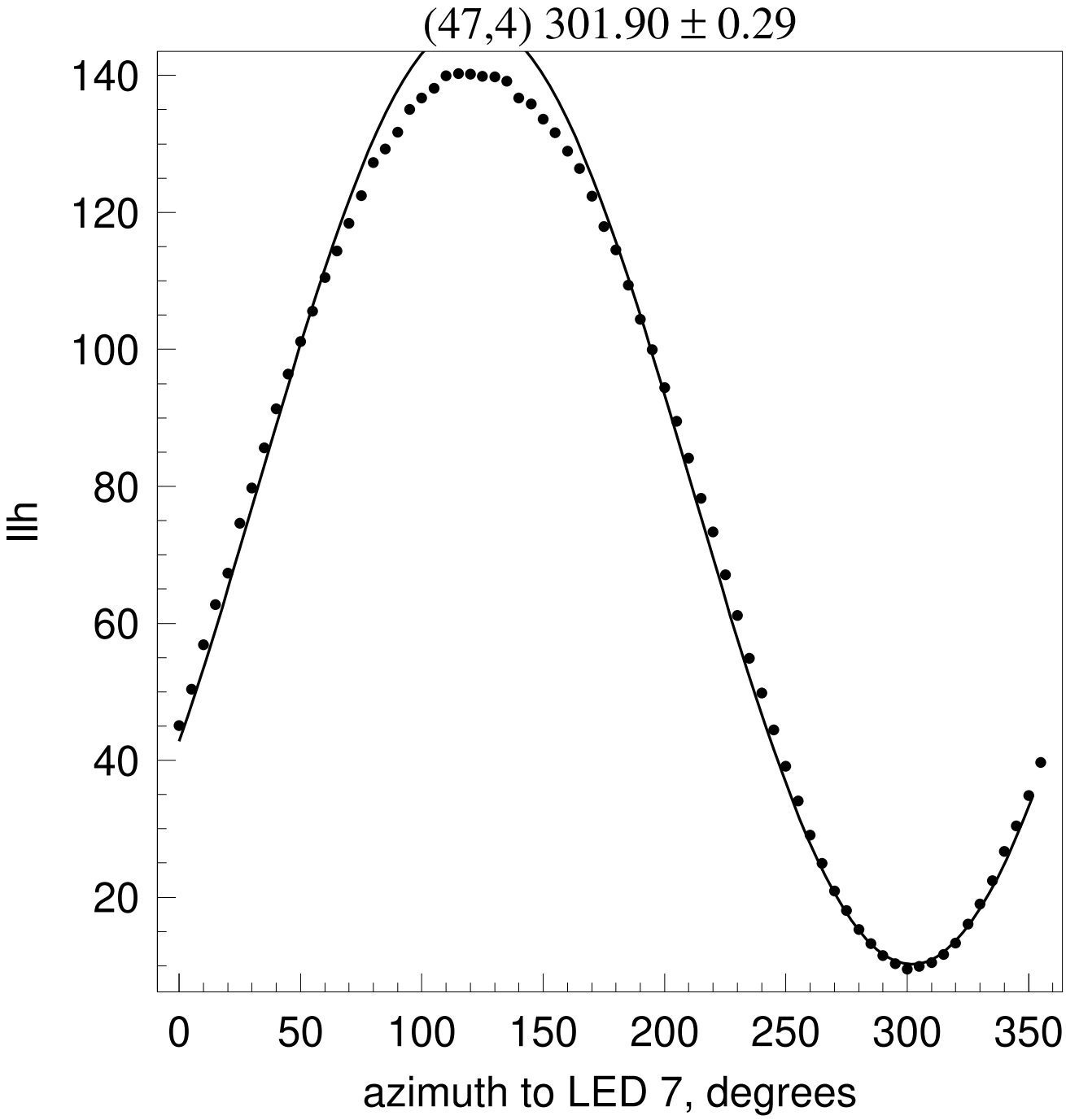

(46,59) 265.83 ± 0.59
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

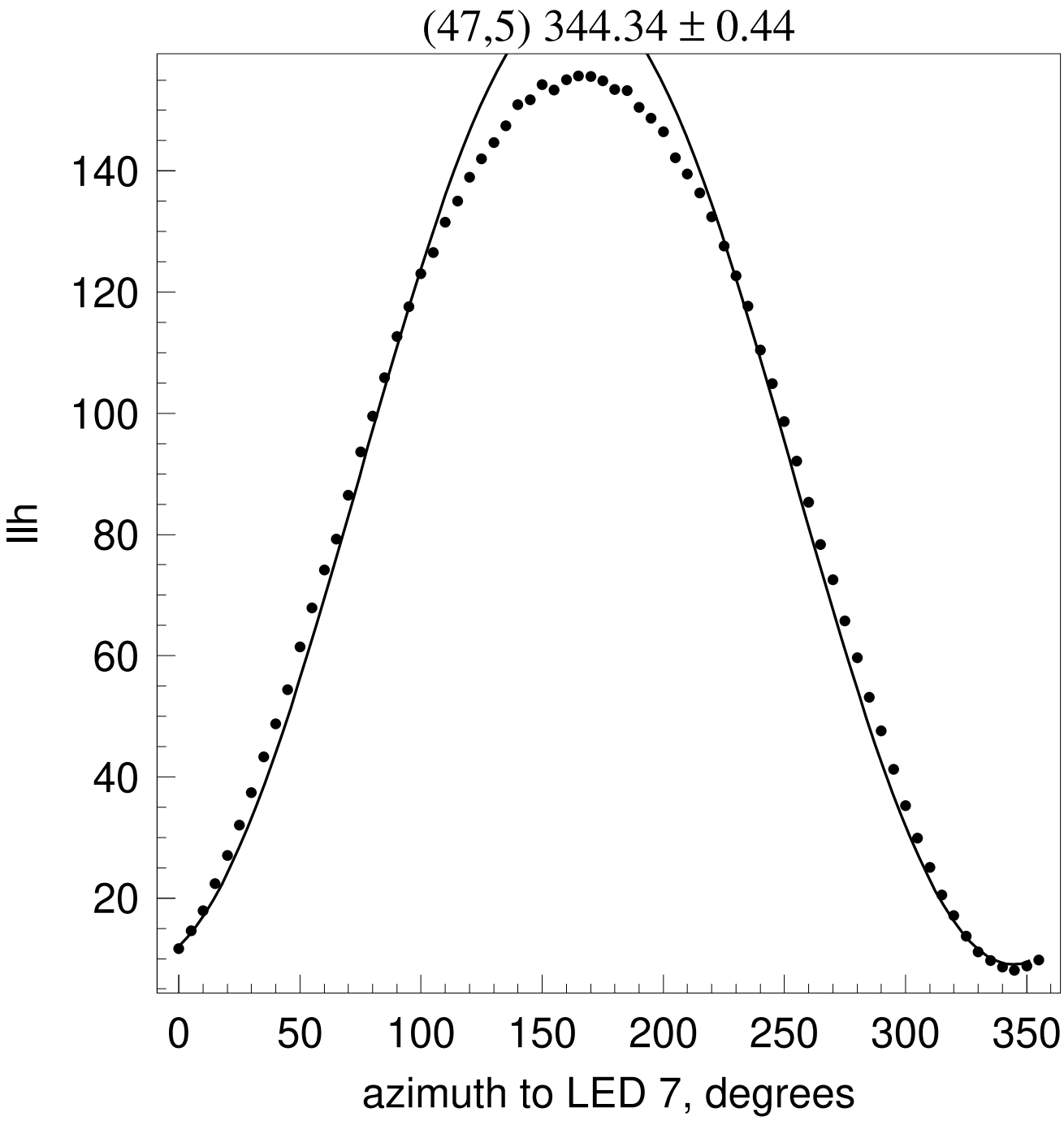

(46,60) 294.91 ± 0.60
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

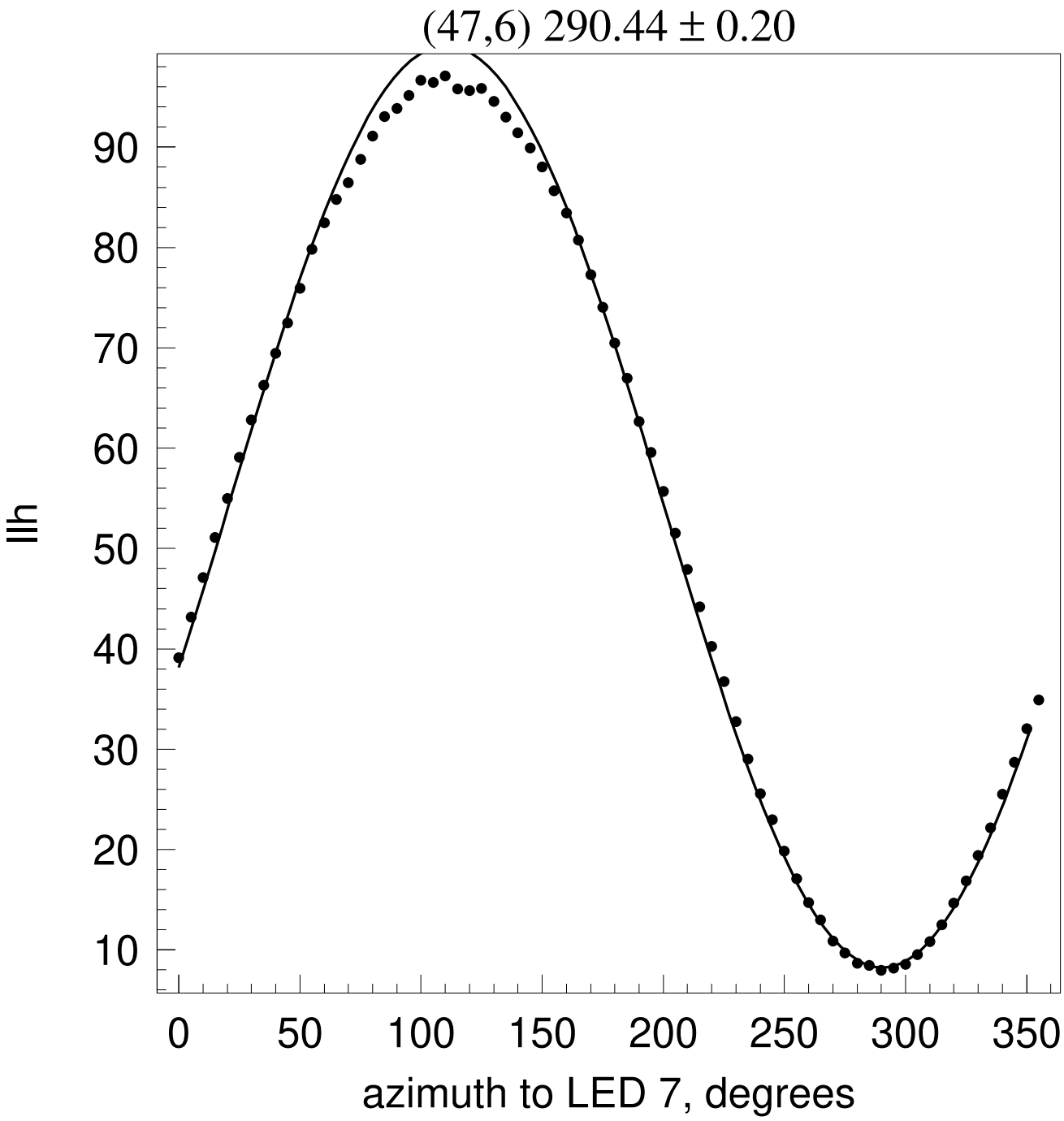

(47,1) 276.75 ± 0.21
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

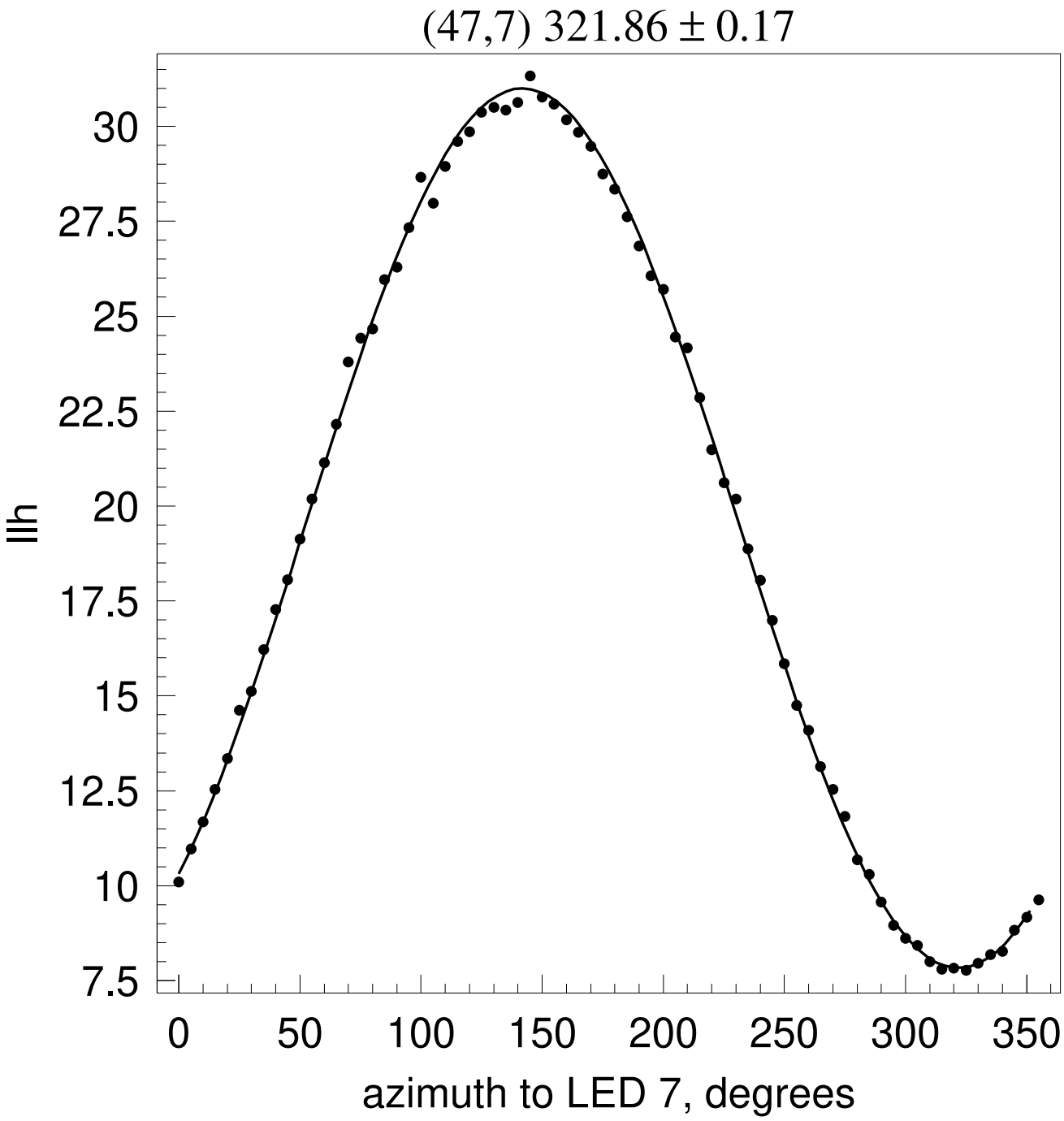

(47,2) 105.77 ± 0.18
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

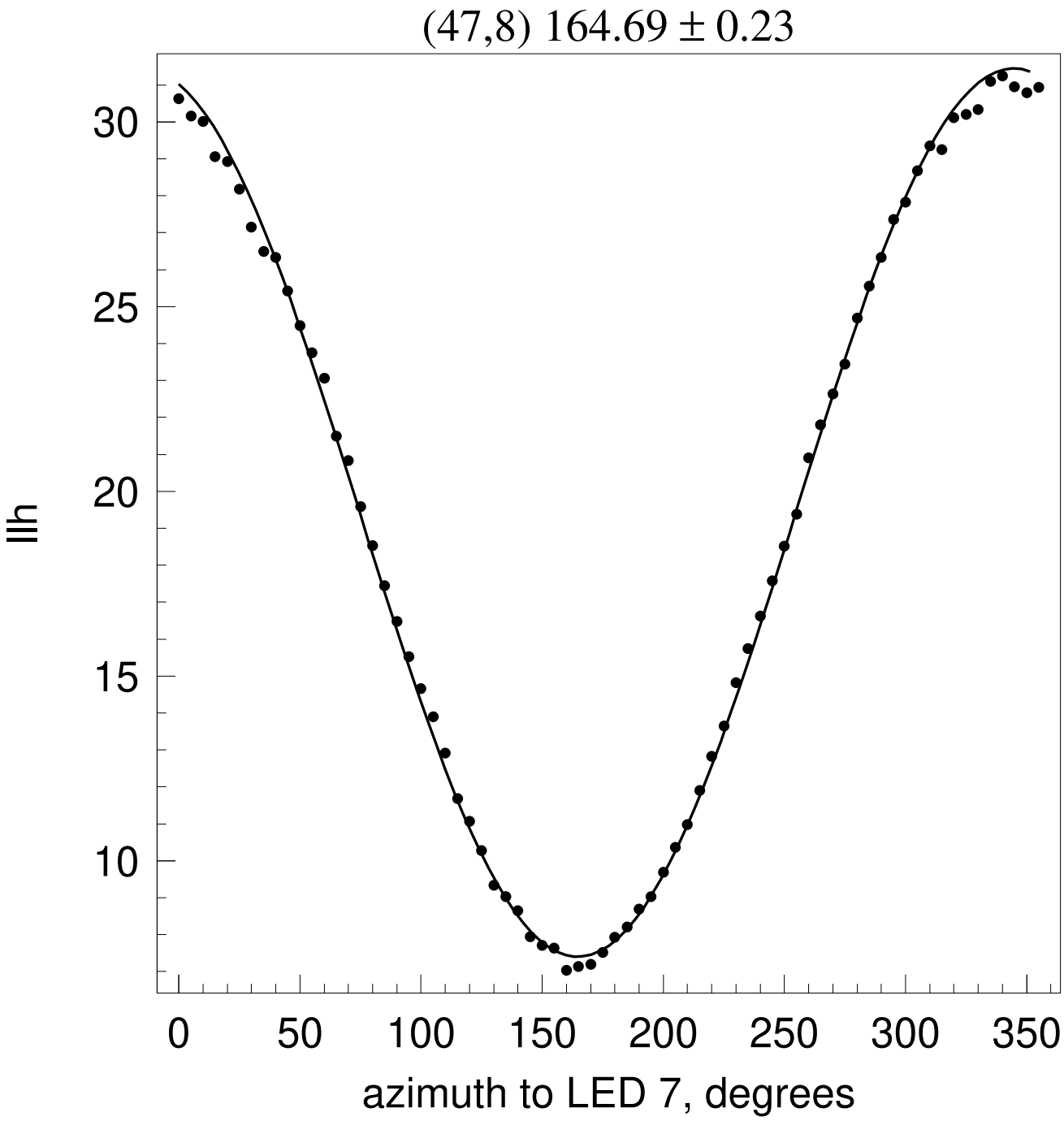

(47,3) 295.62 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

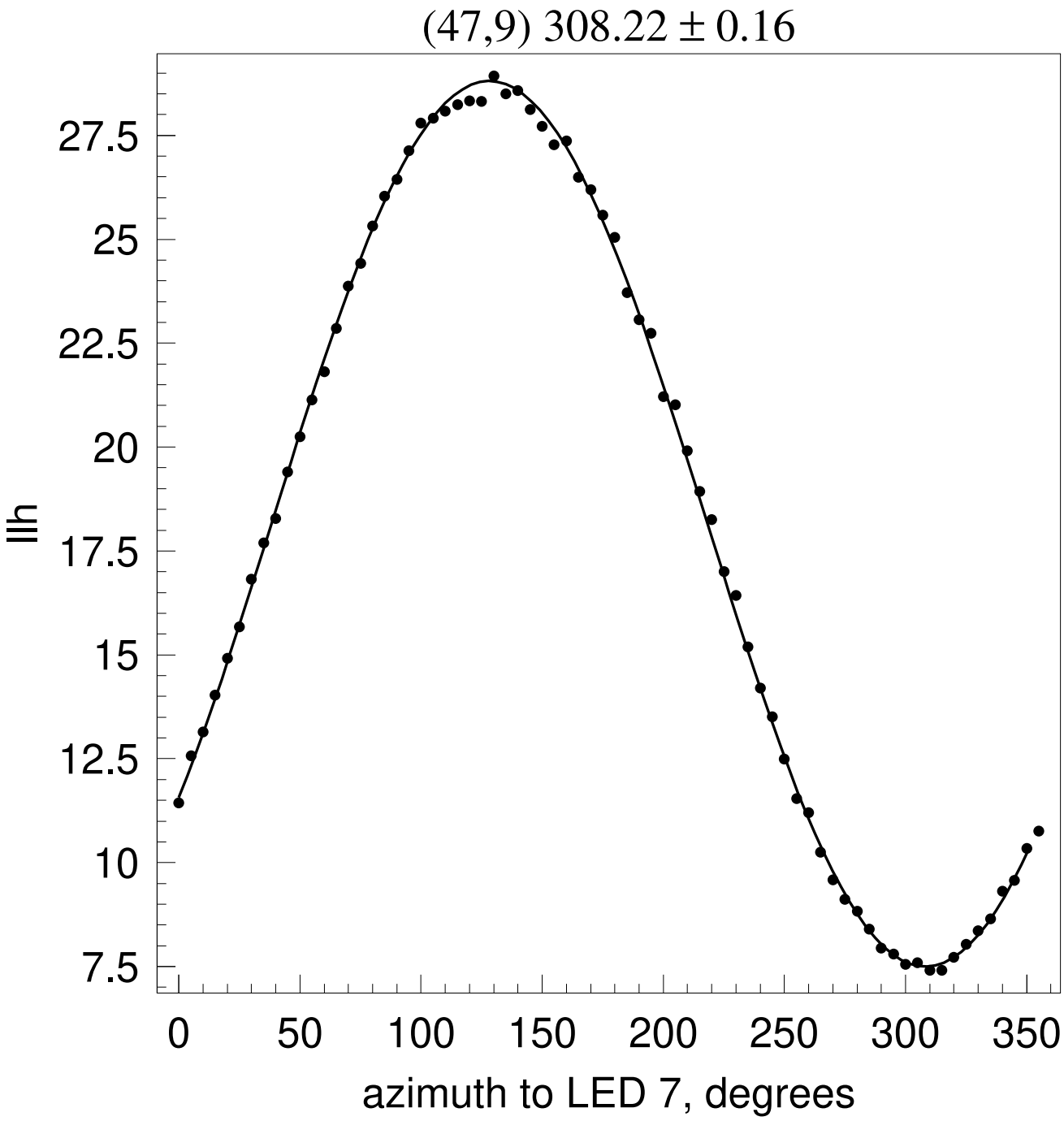

(47,4) 301.90 ± 0.29
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

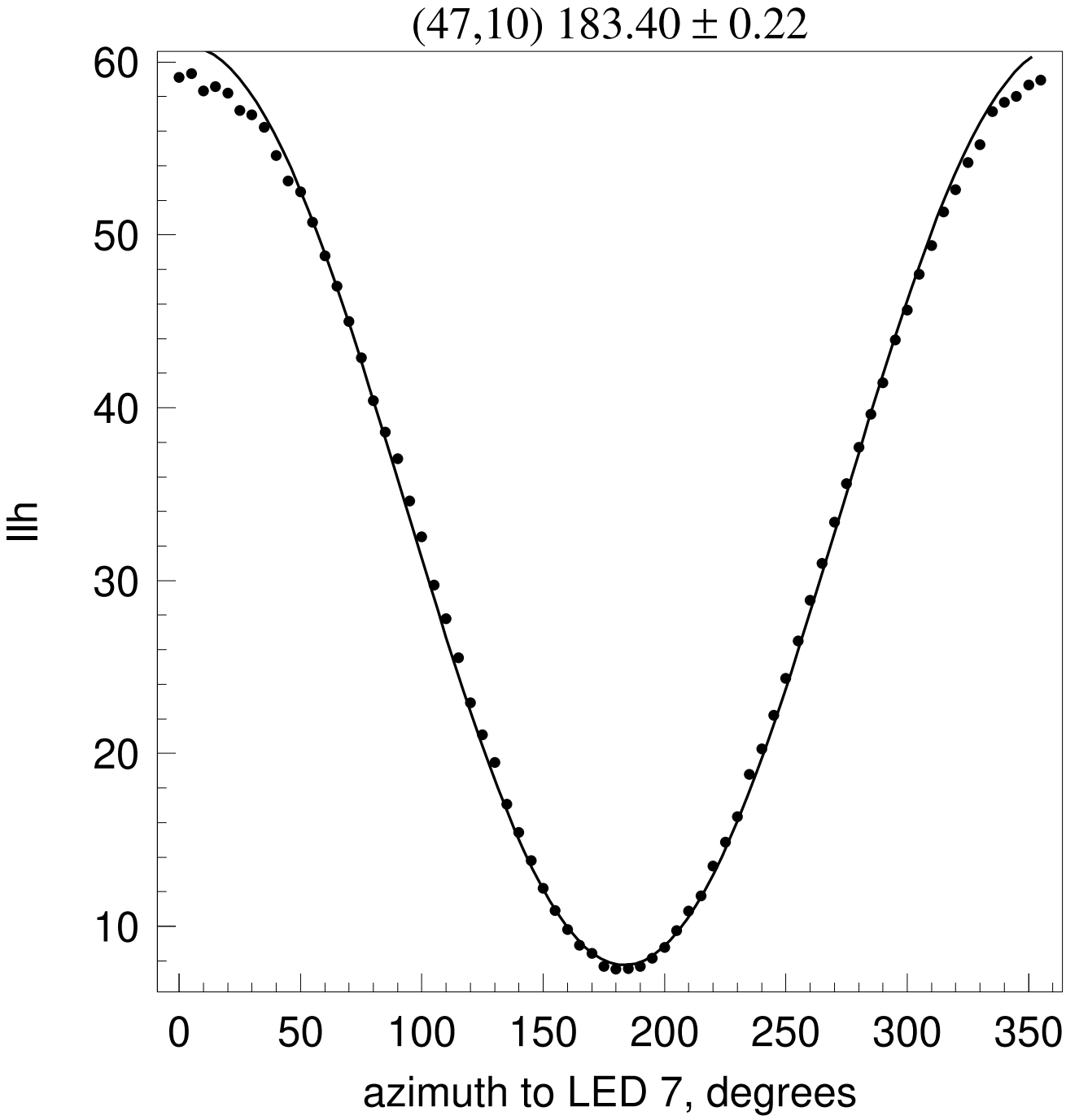

(47,5) 344.34 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

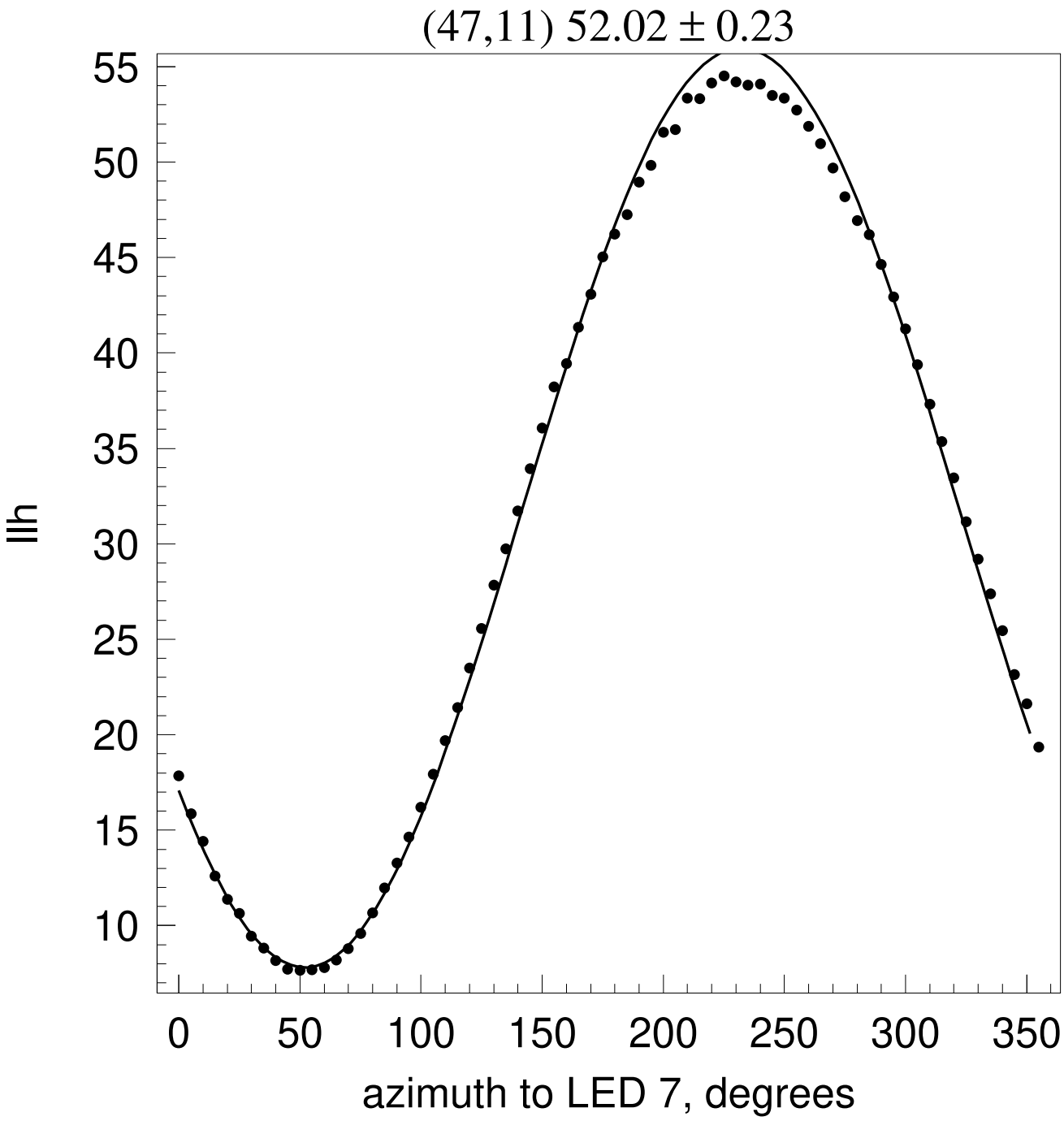

(47,6) 290.44 ± 0.20
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

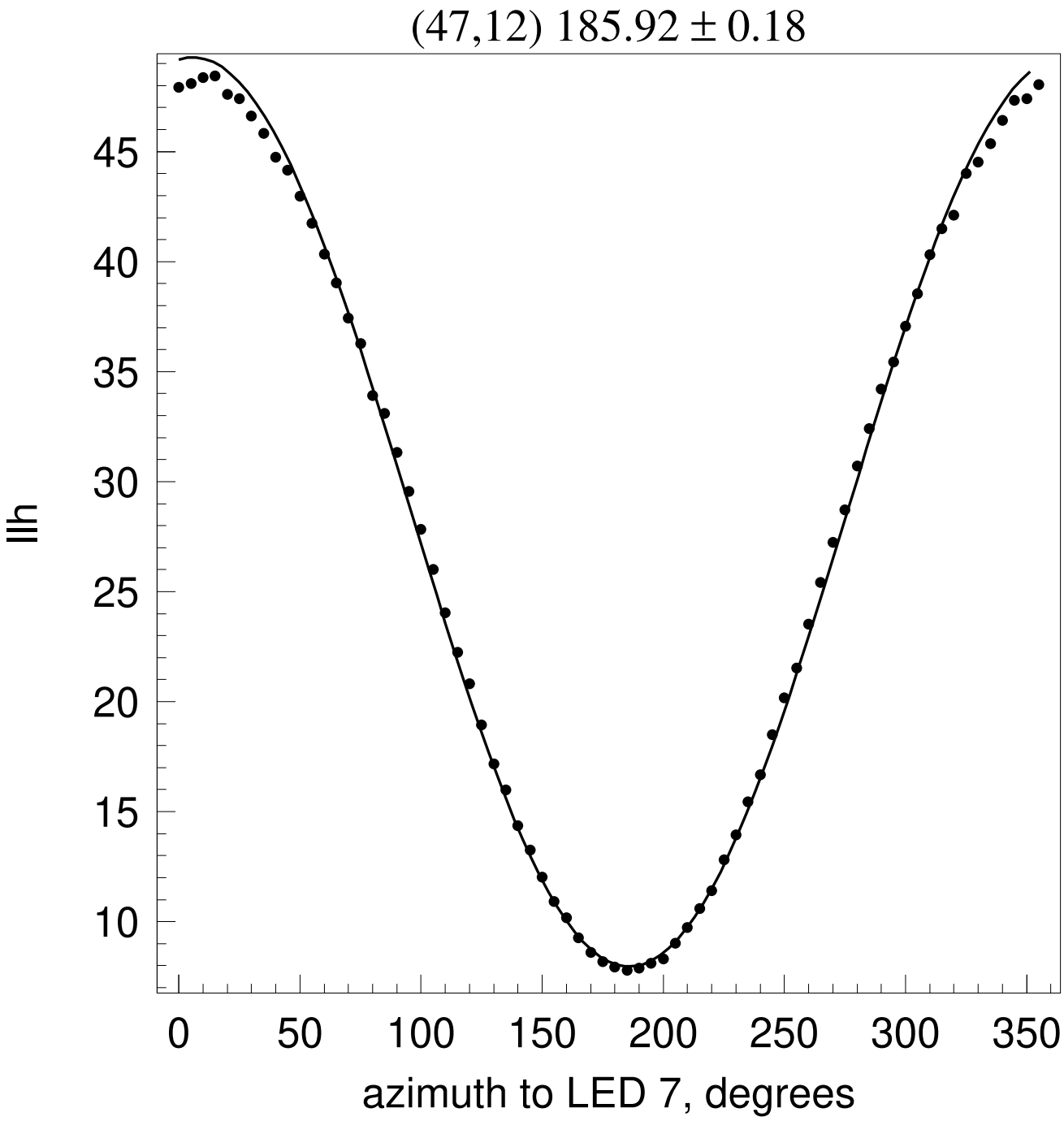

(47,7) 321.86 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

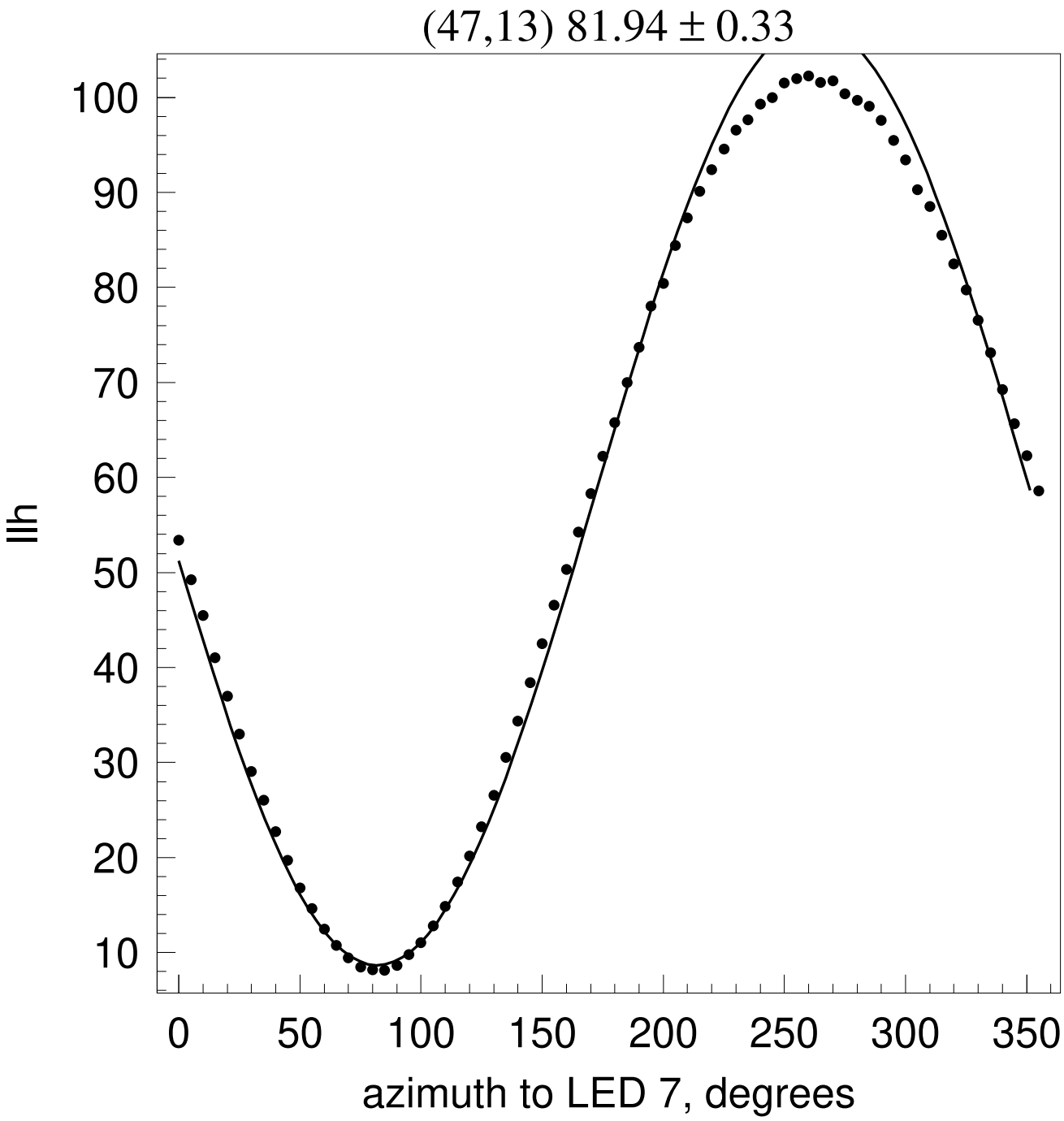

(47,8) 164.69 ± 0.23
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

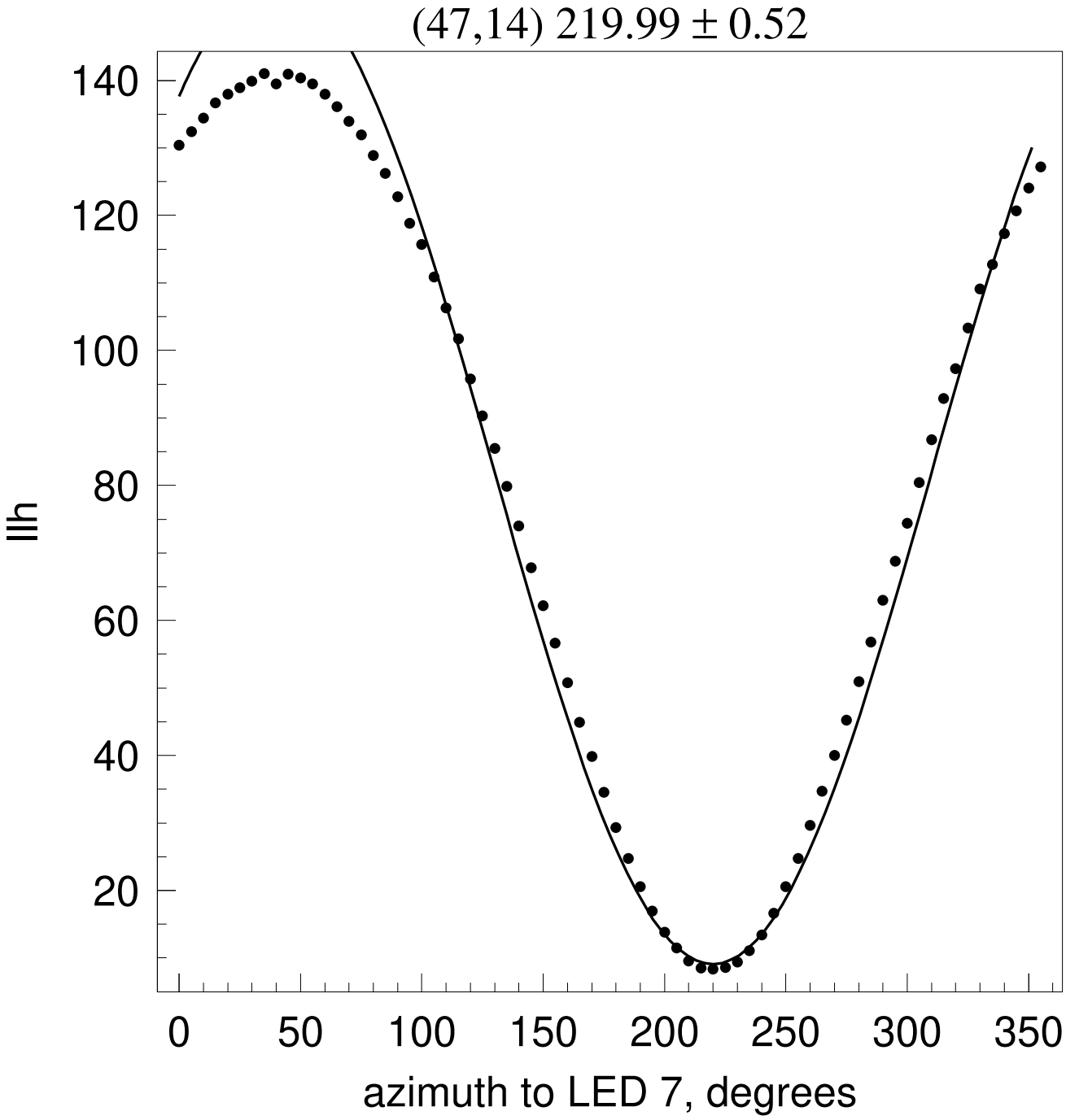

(47,9) 308.22 ± 0.16
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

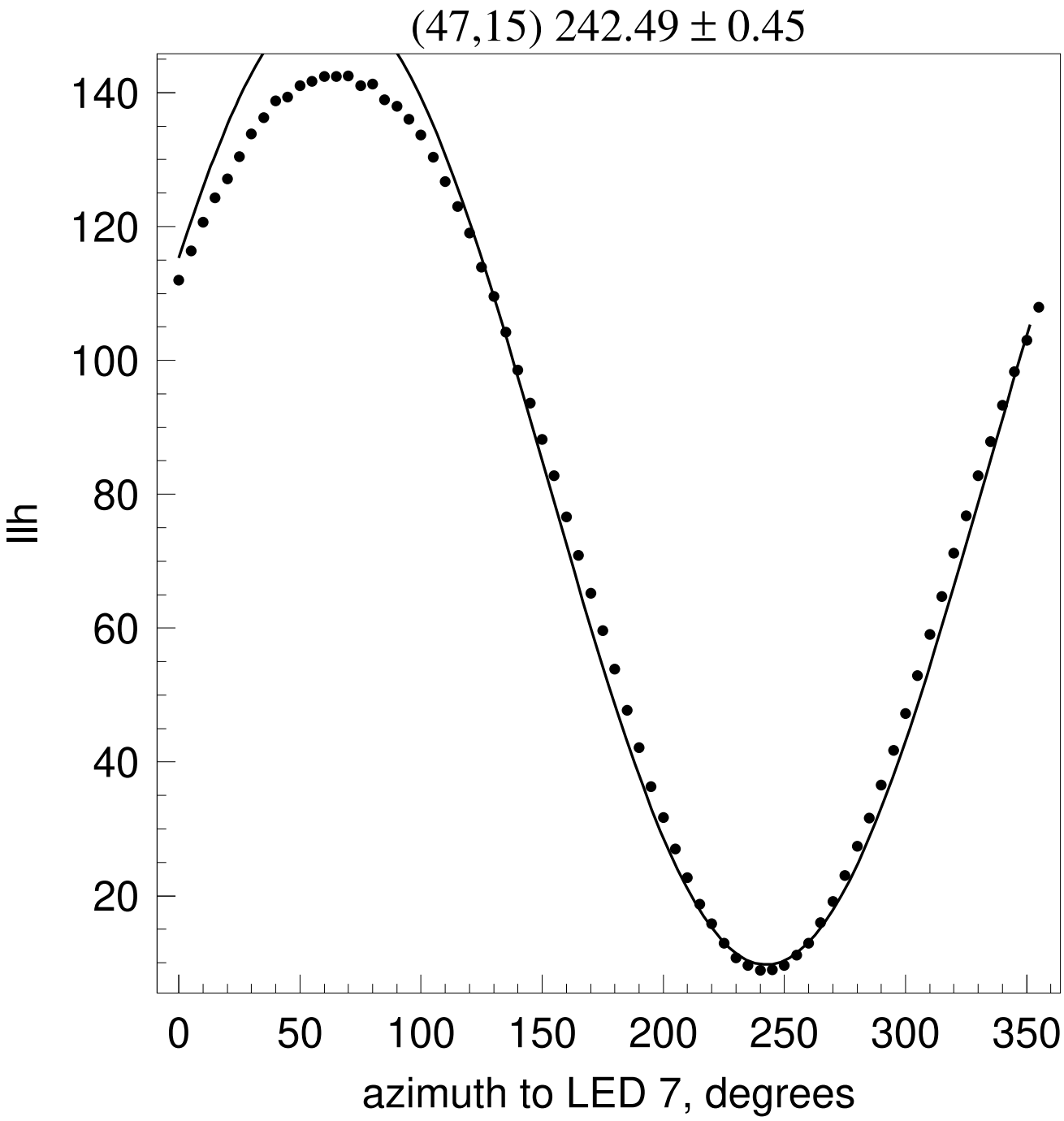

(47,10) 183.40 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

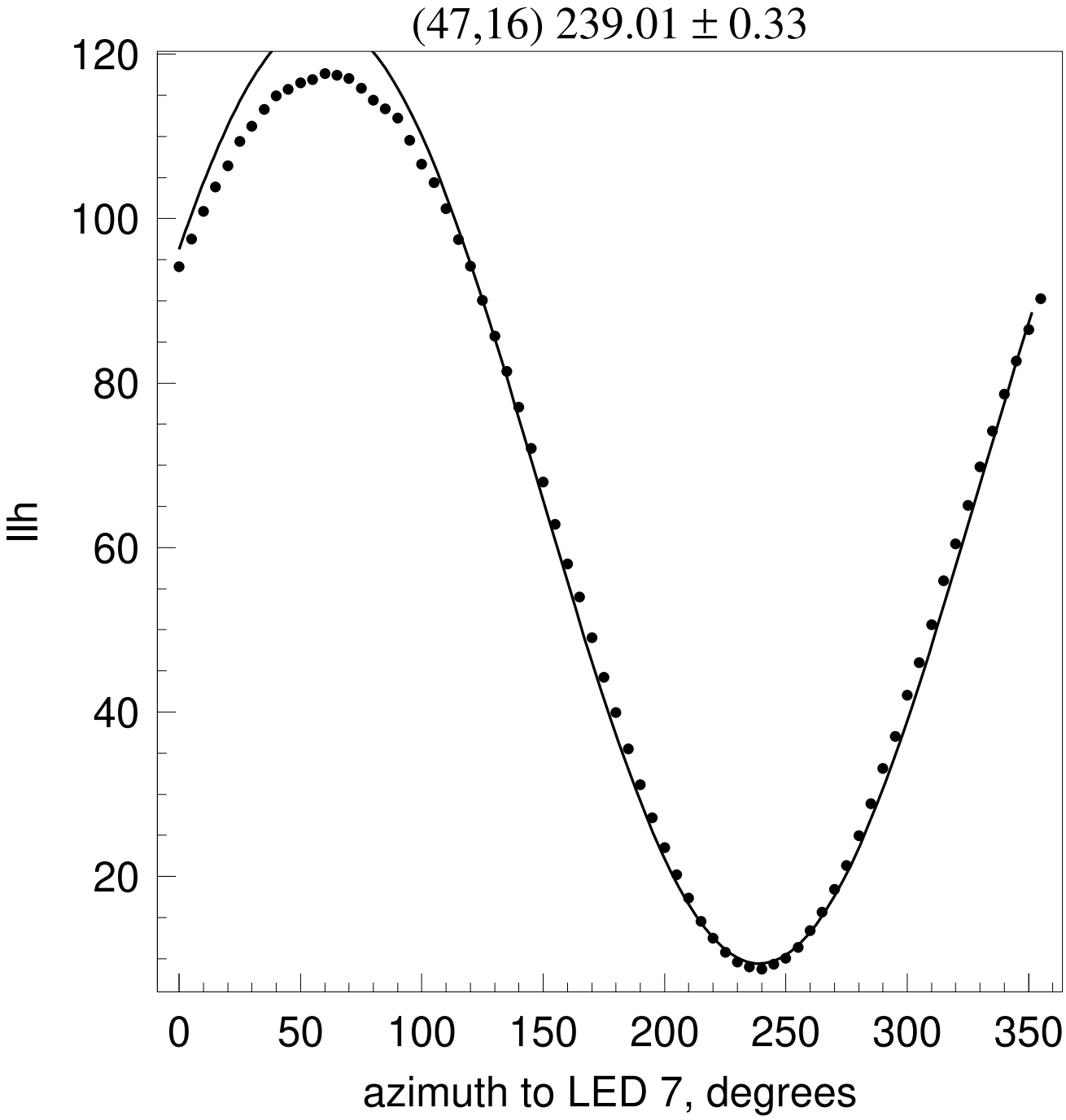

(47,11) 52.02 ± 0.23
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

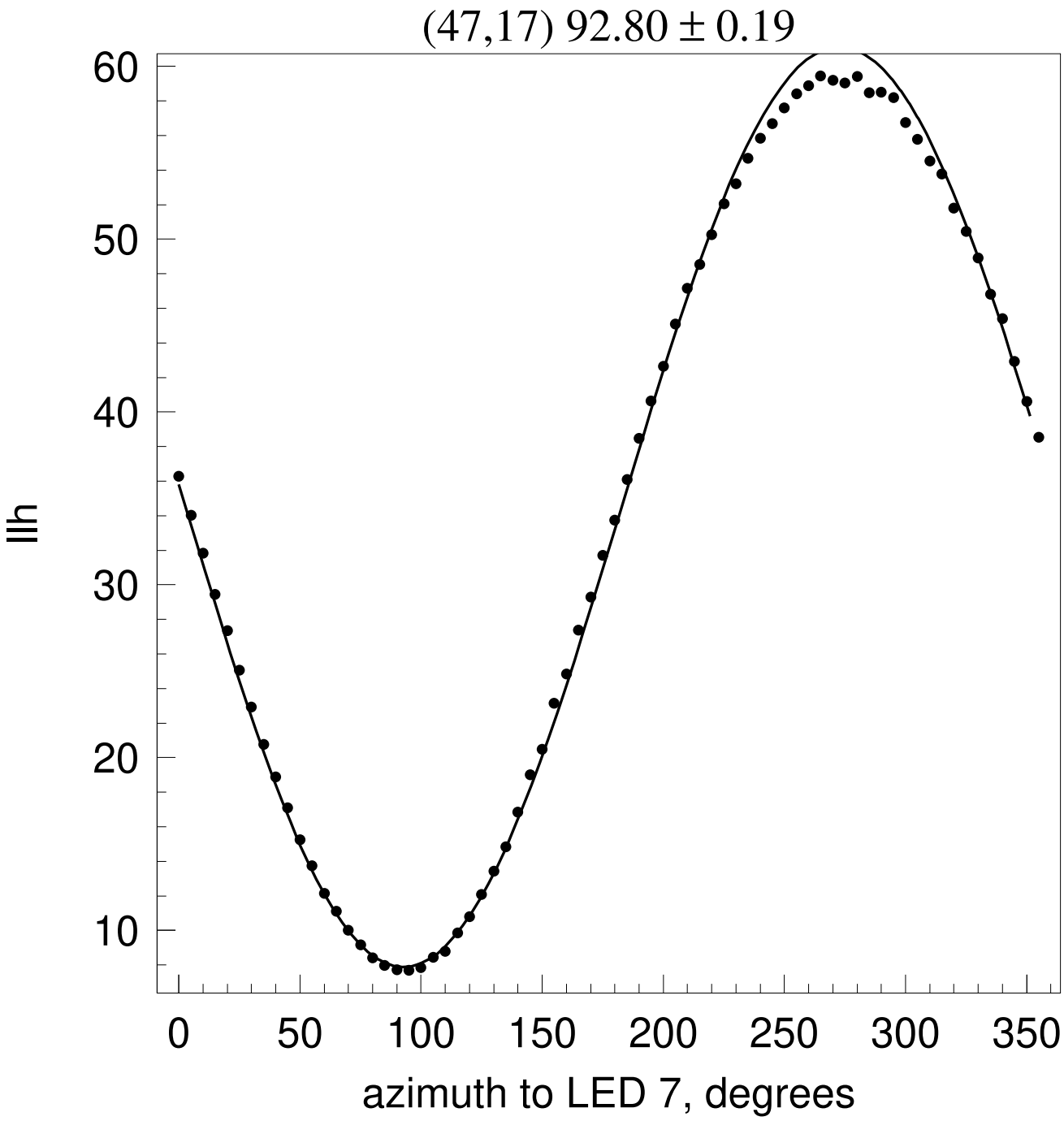

(47,12) 185.92 ± 0.18
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

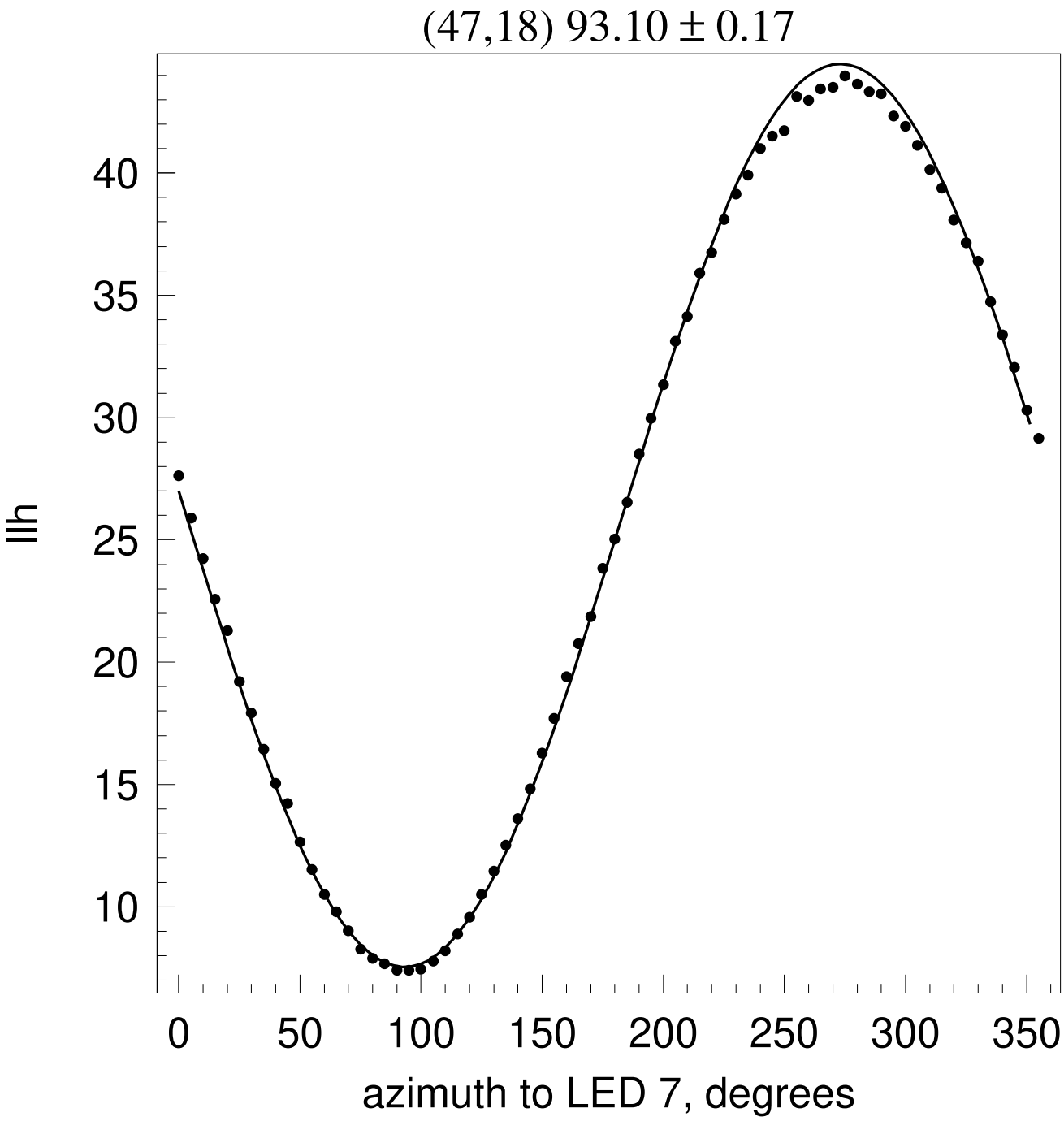

(47,13) 81.94 ± 0.33
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

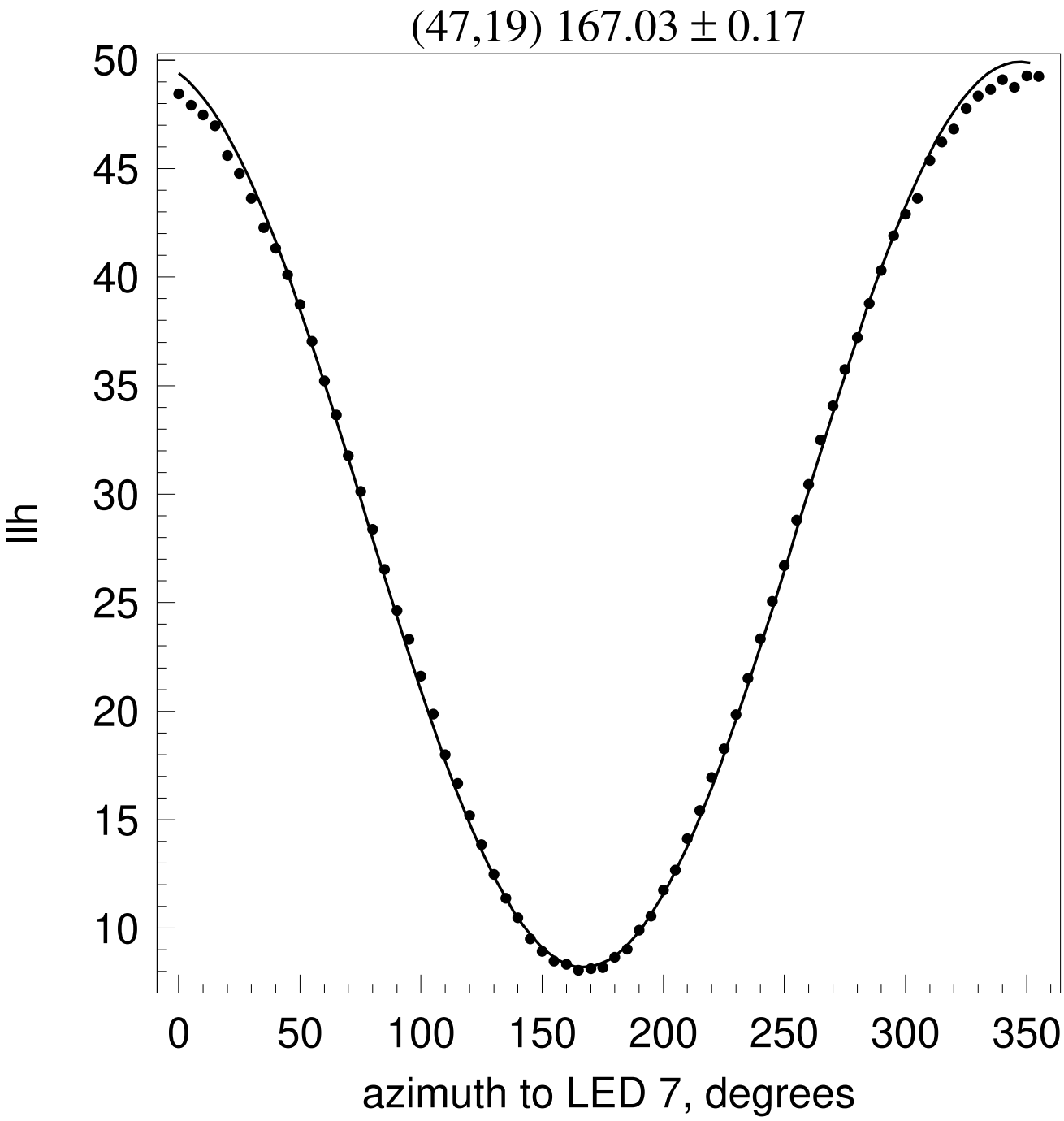

(47,14) 219.99 ± 0.52
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

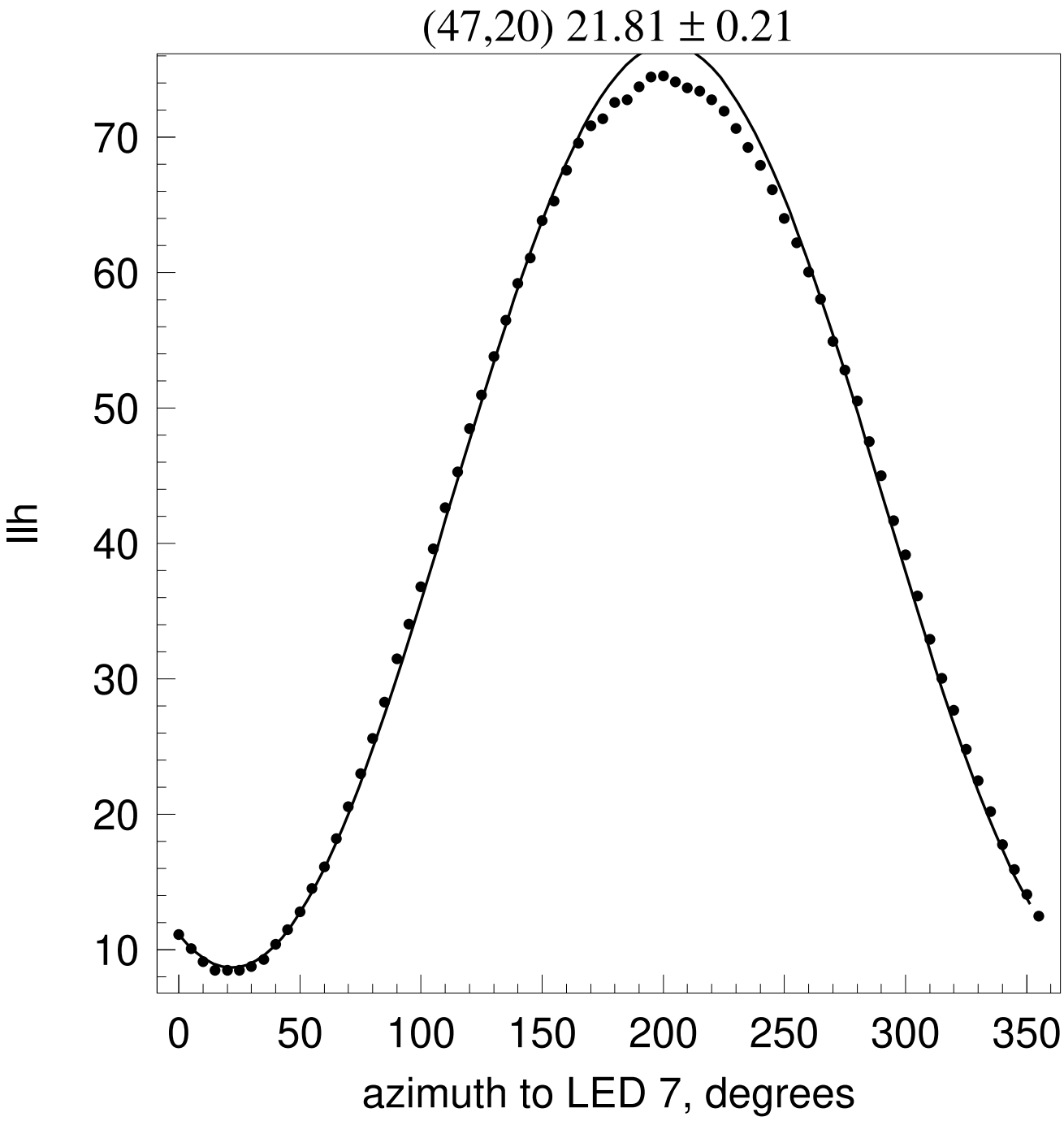

(47,15) 242.49 ± 0.45
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

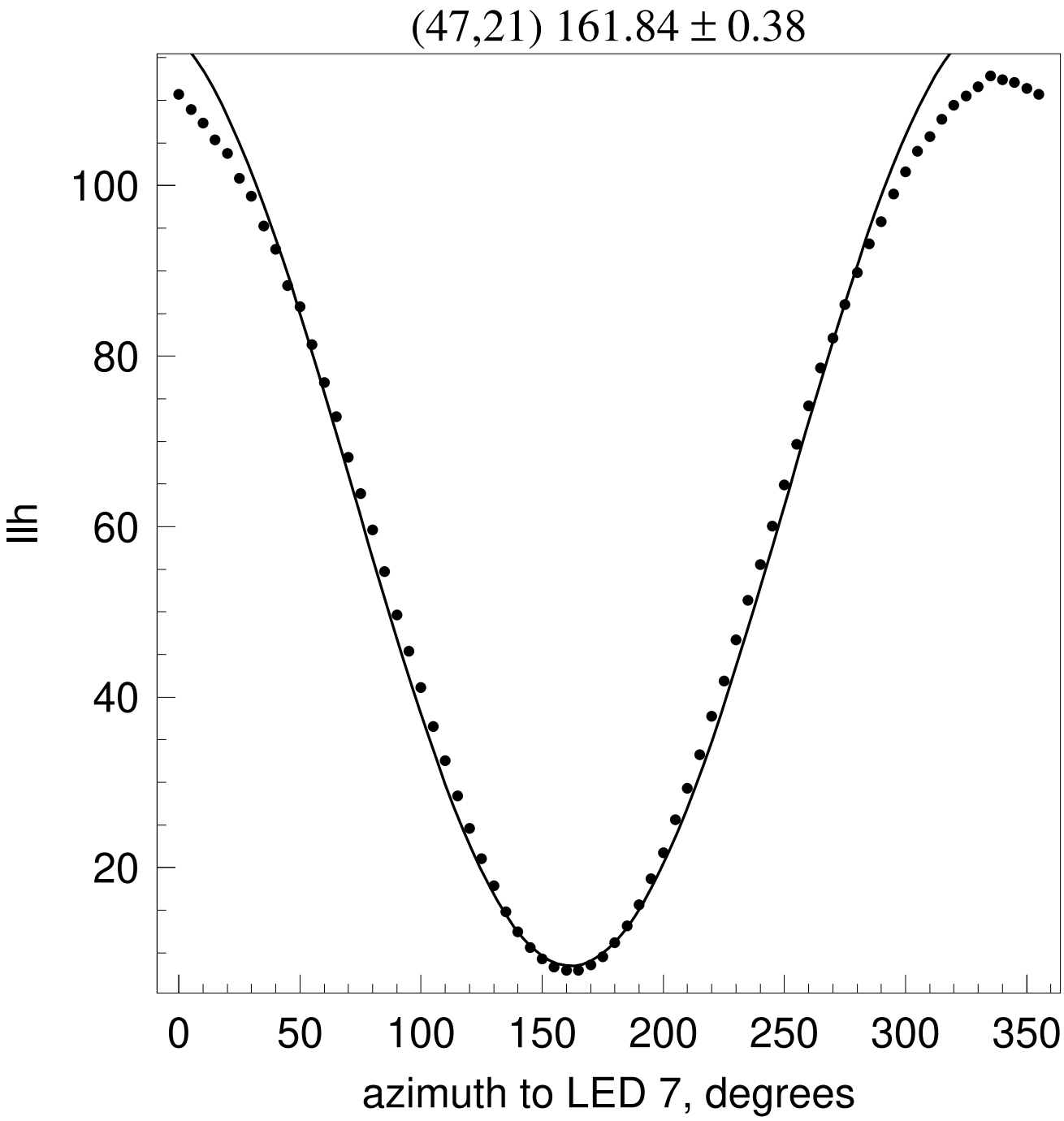

(47,16) 239.01 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

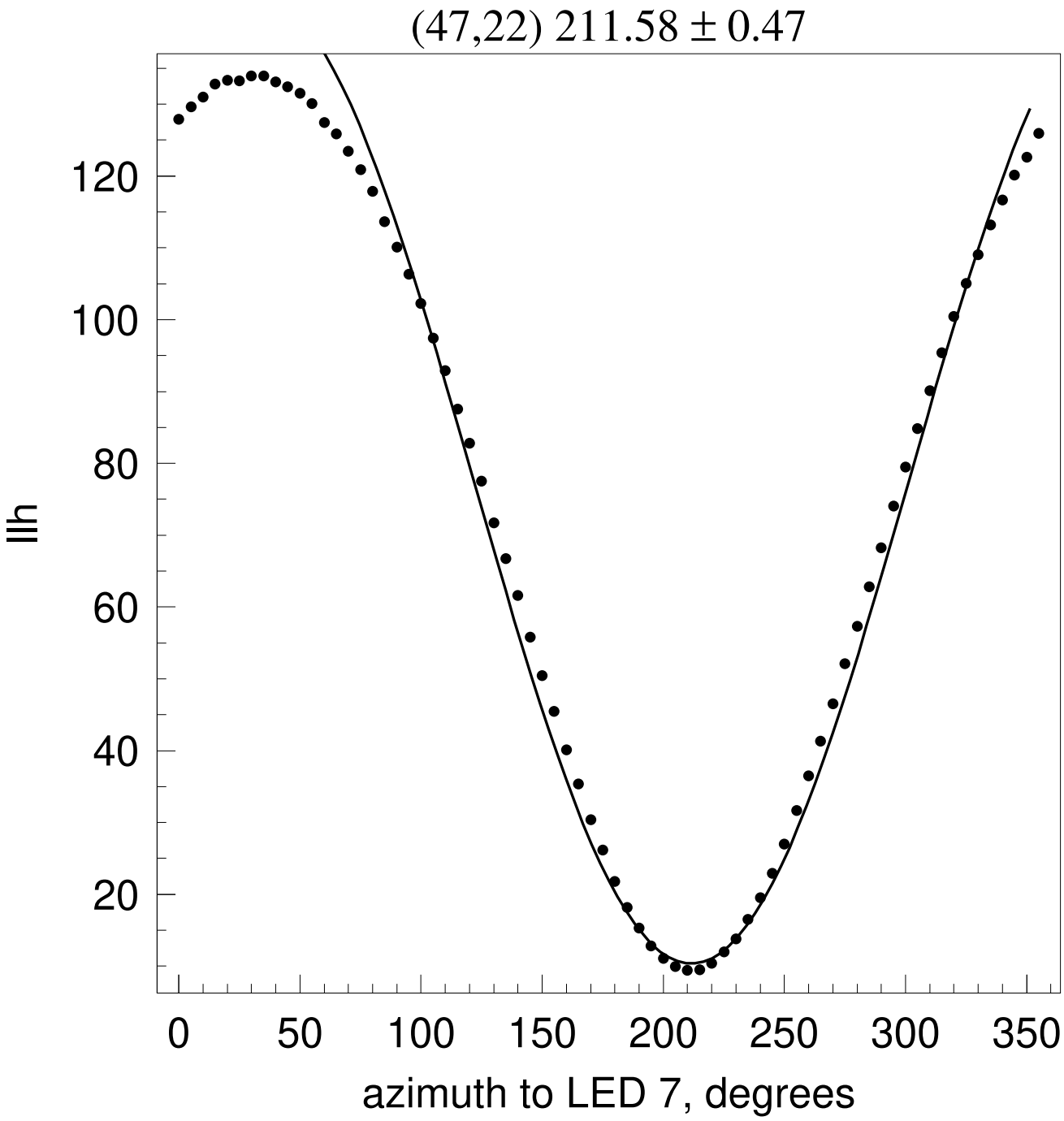

(47,17) 92.80 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

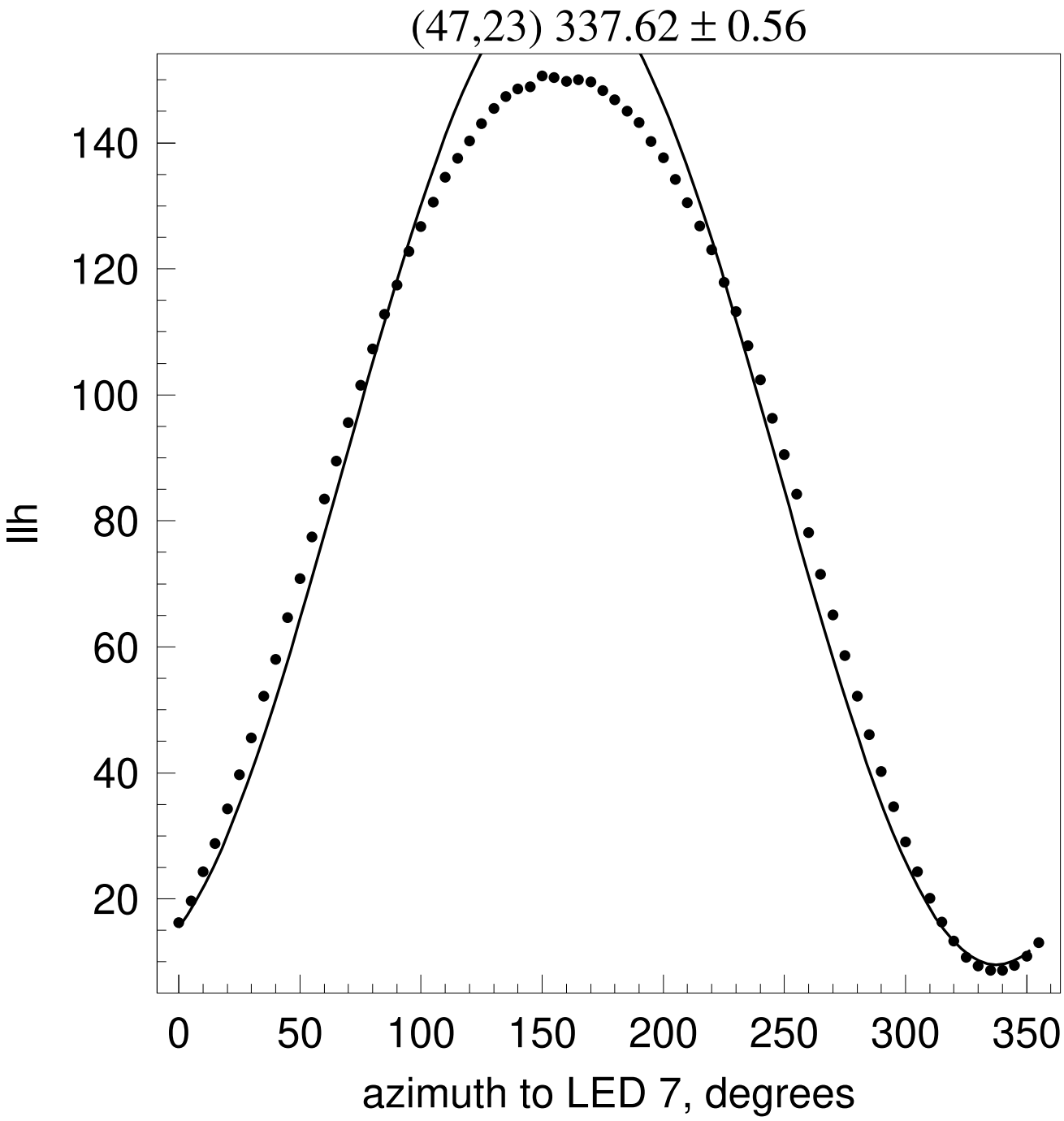

(47,18) 93.10 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

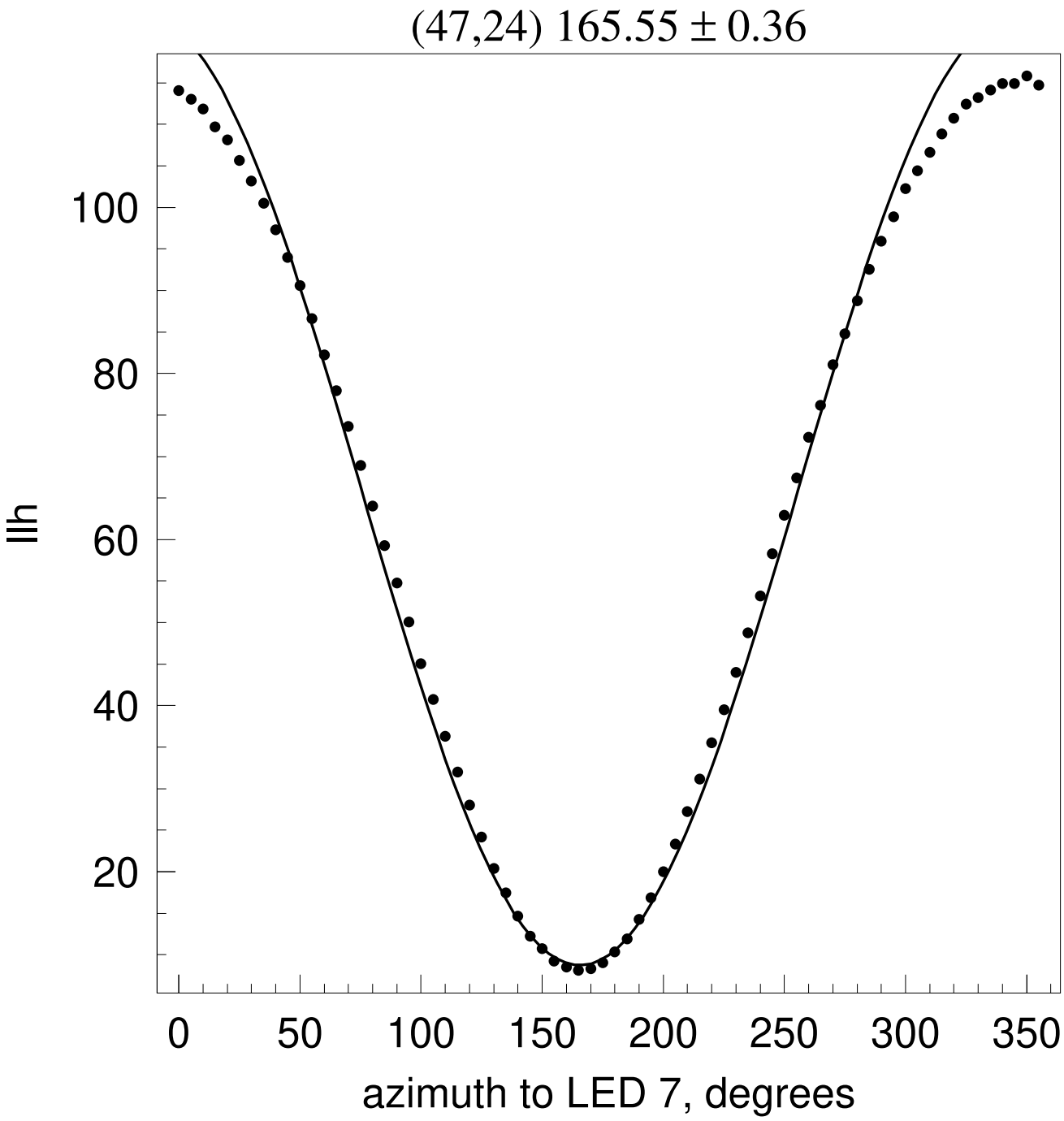

(47,19) 167.03 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

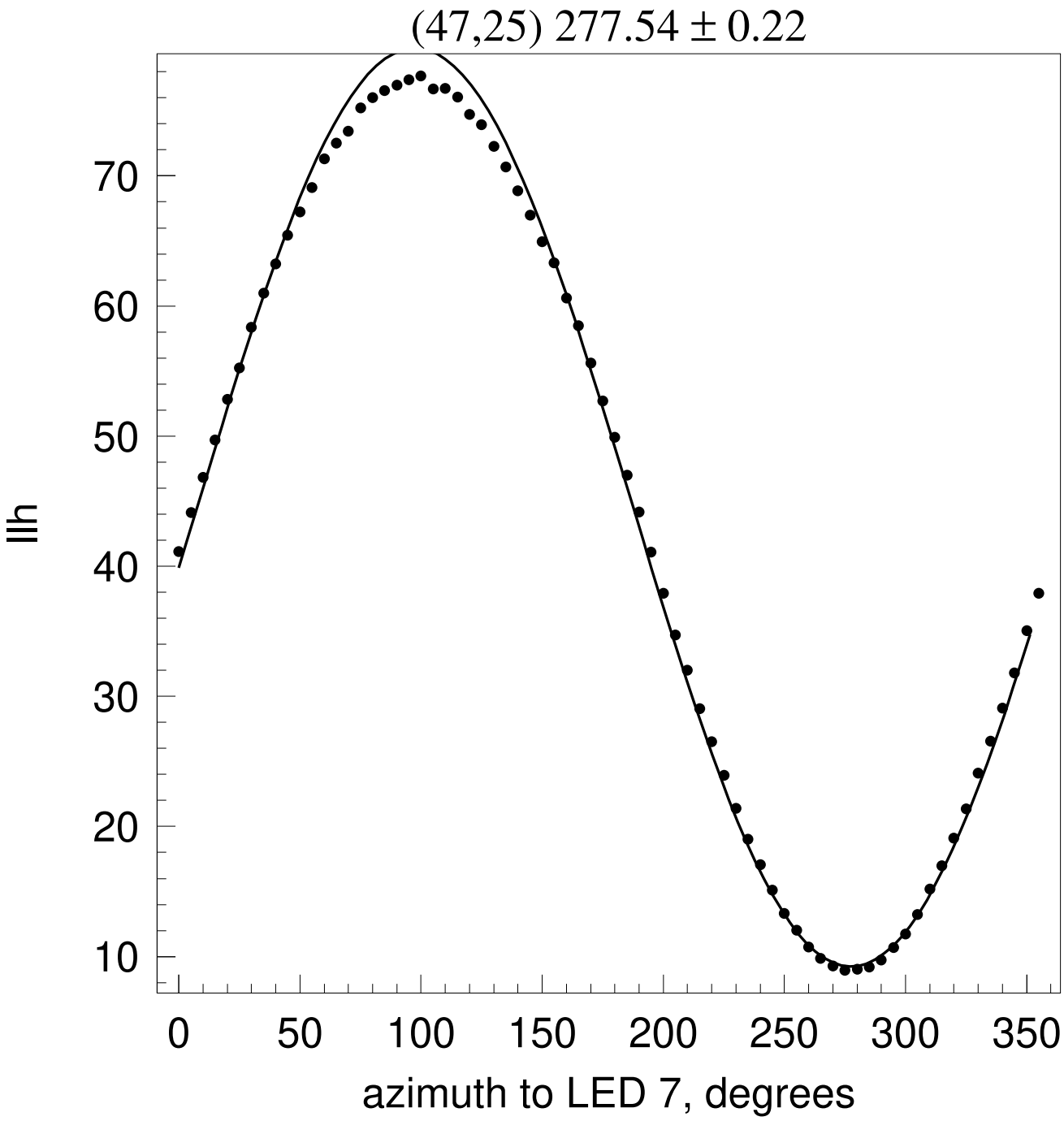

(47,20) 21.81 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

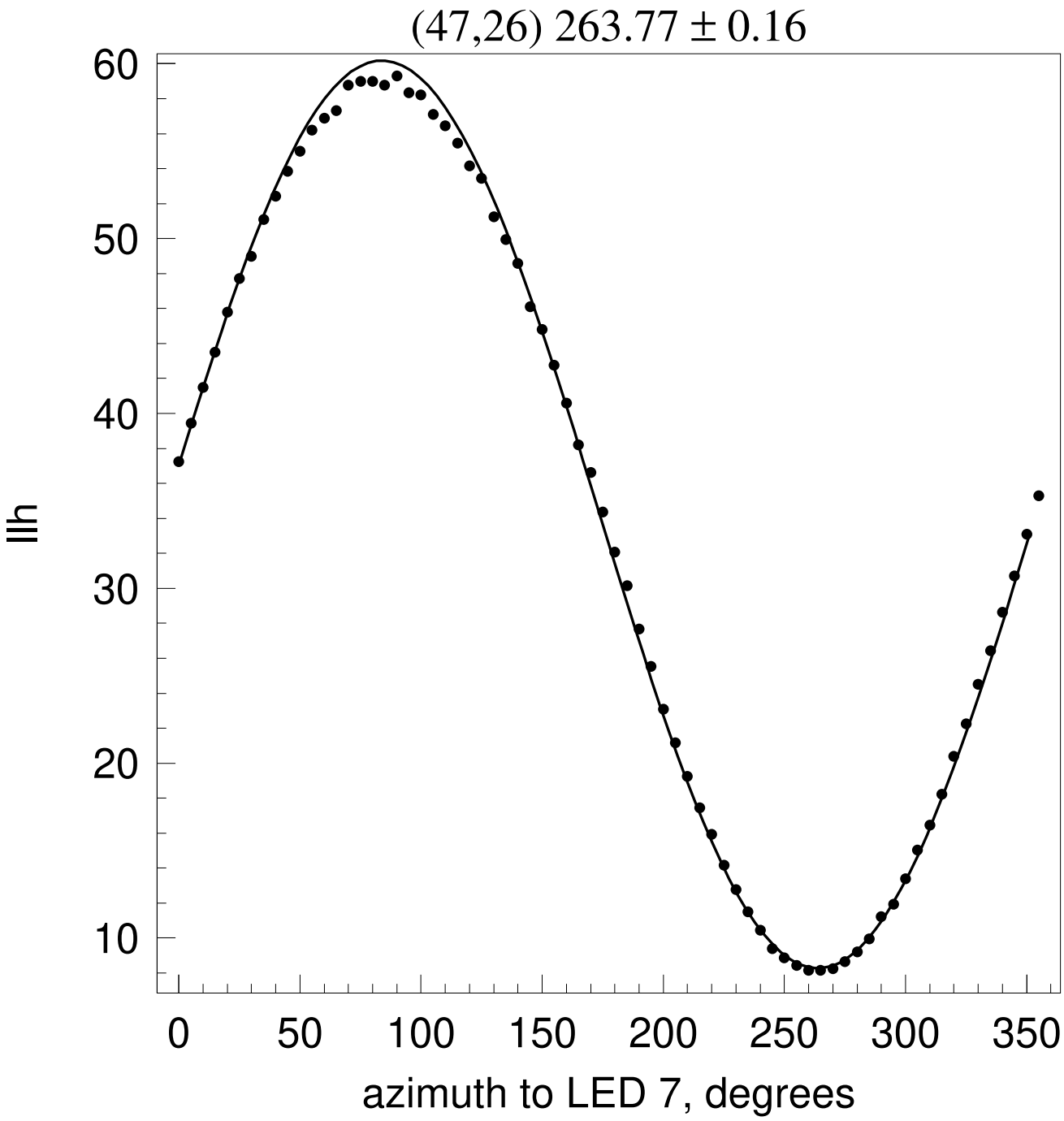

(47,21) 161.84 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

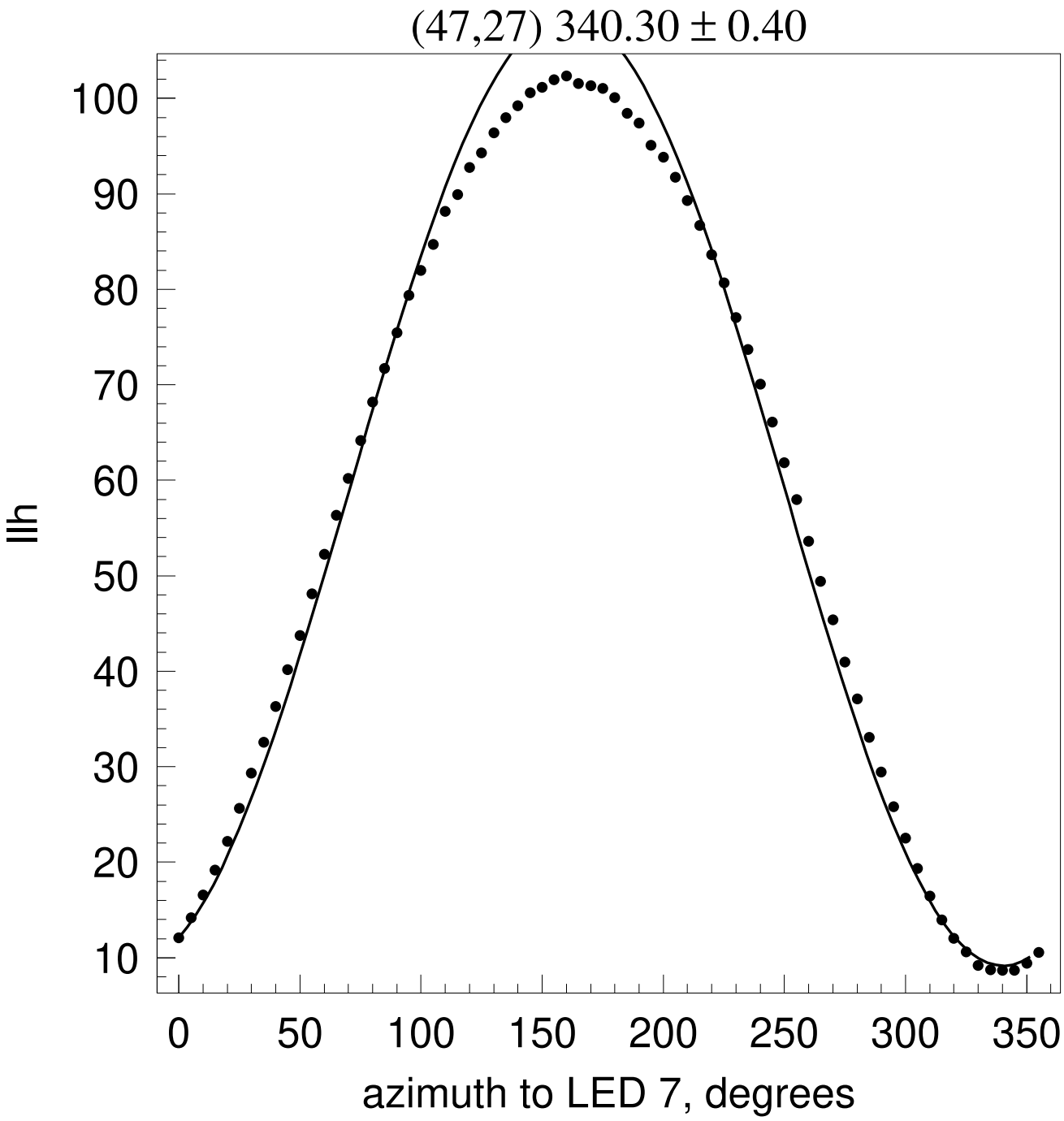

(47,22) 211.58 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

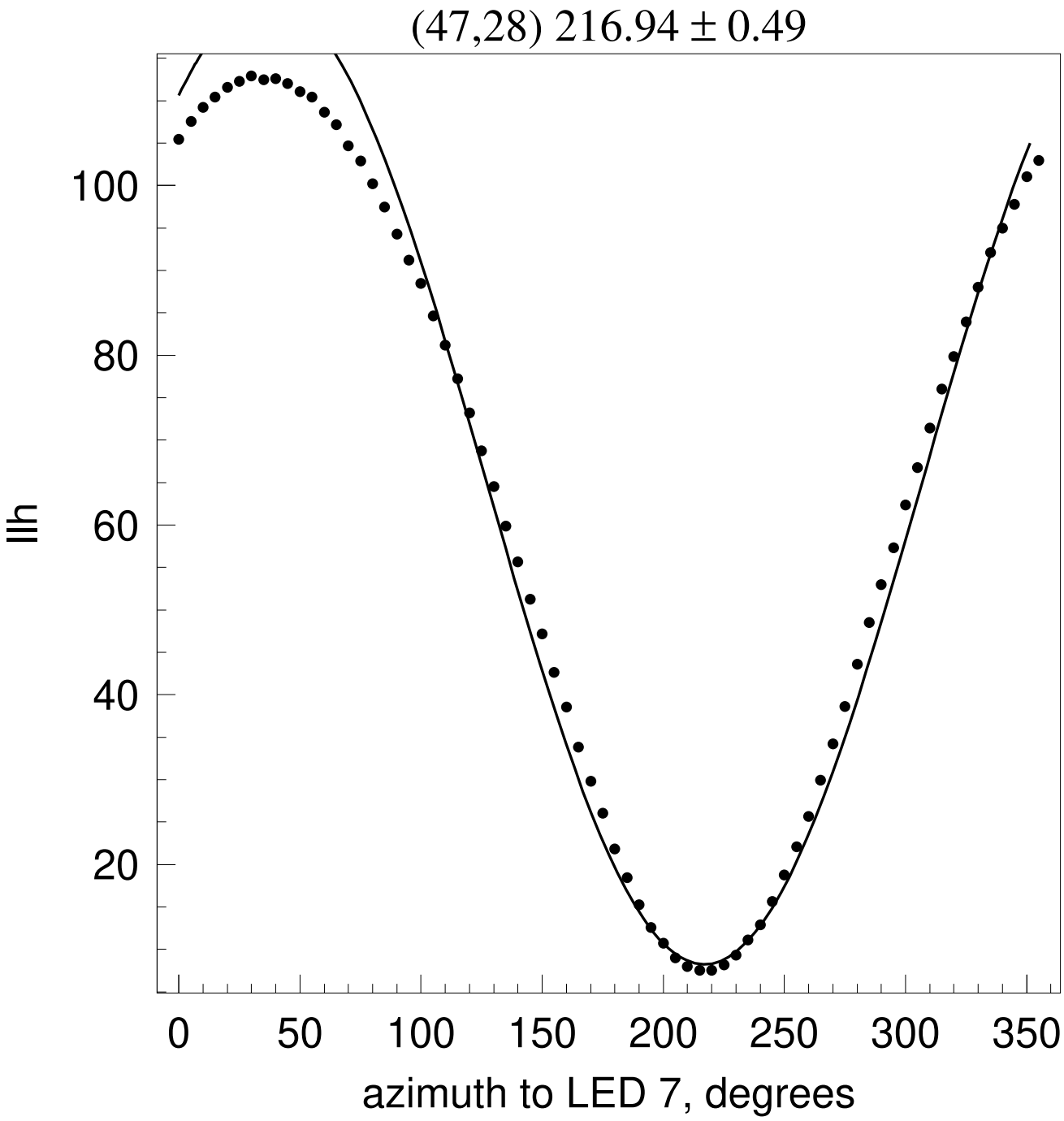

(47,23) 337.62 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

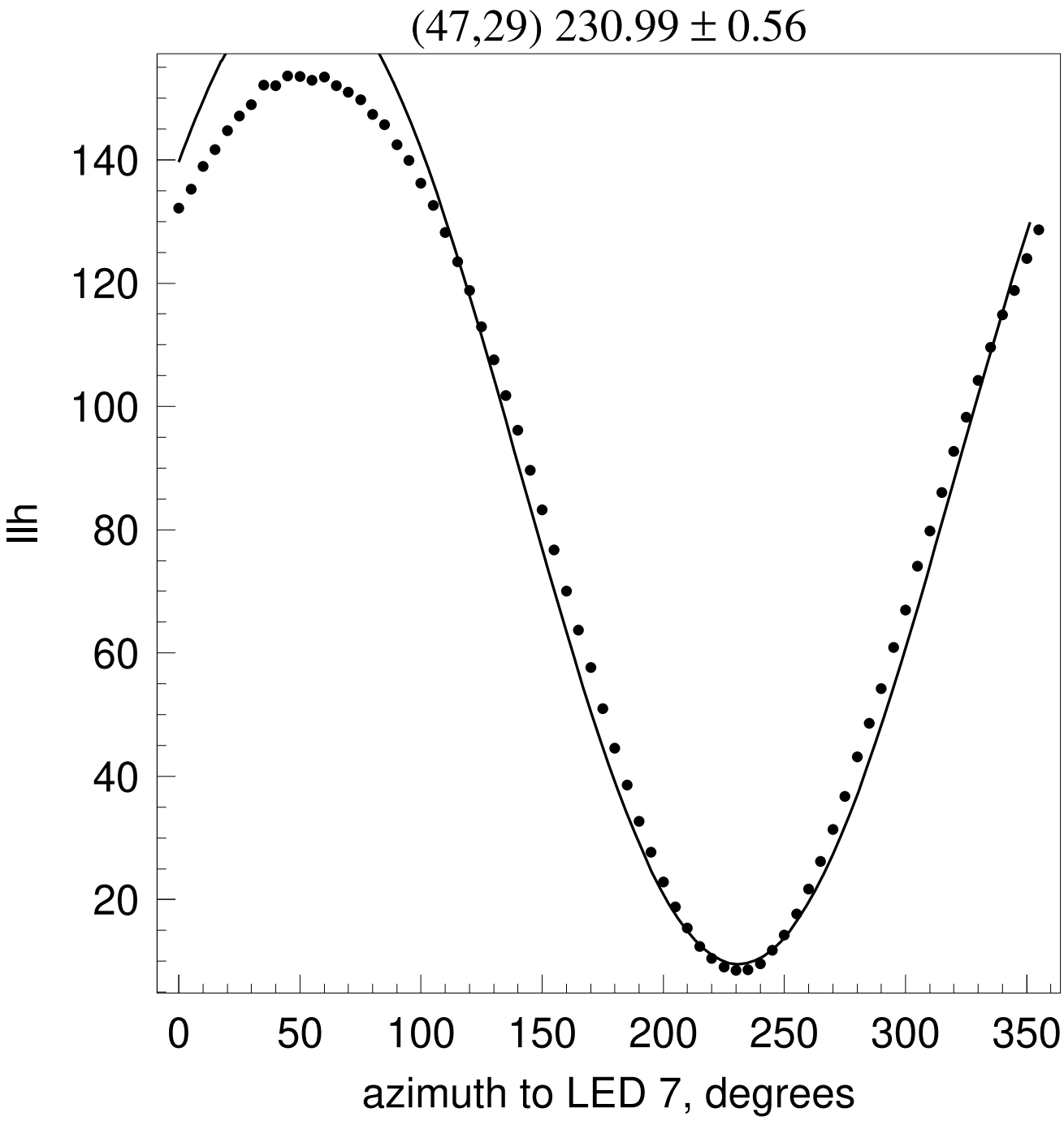

(47,24) 165.55 ± 0.36
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

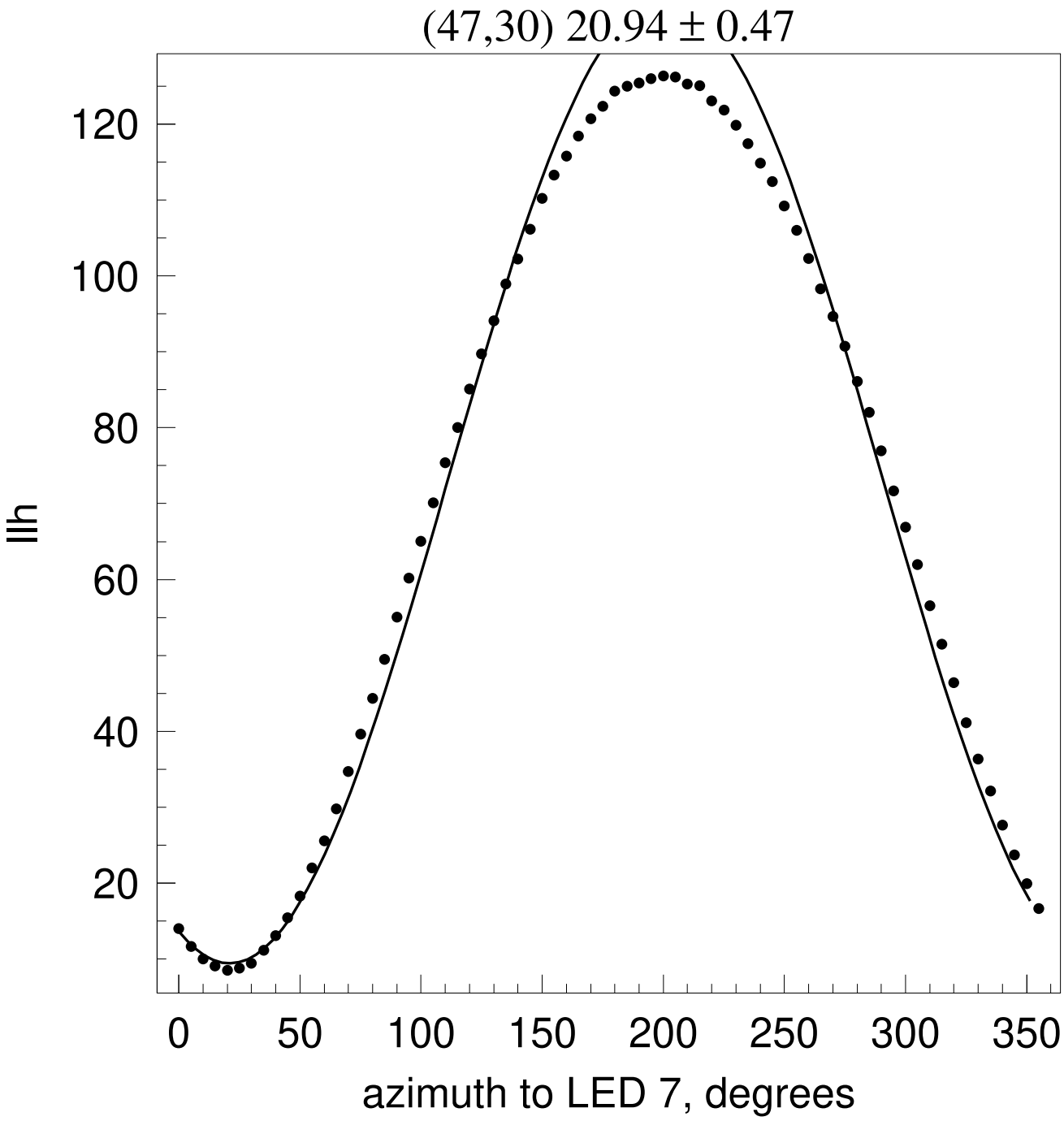

(47,25) 277.54 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

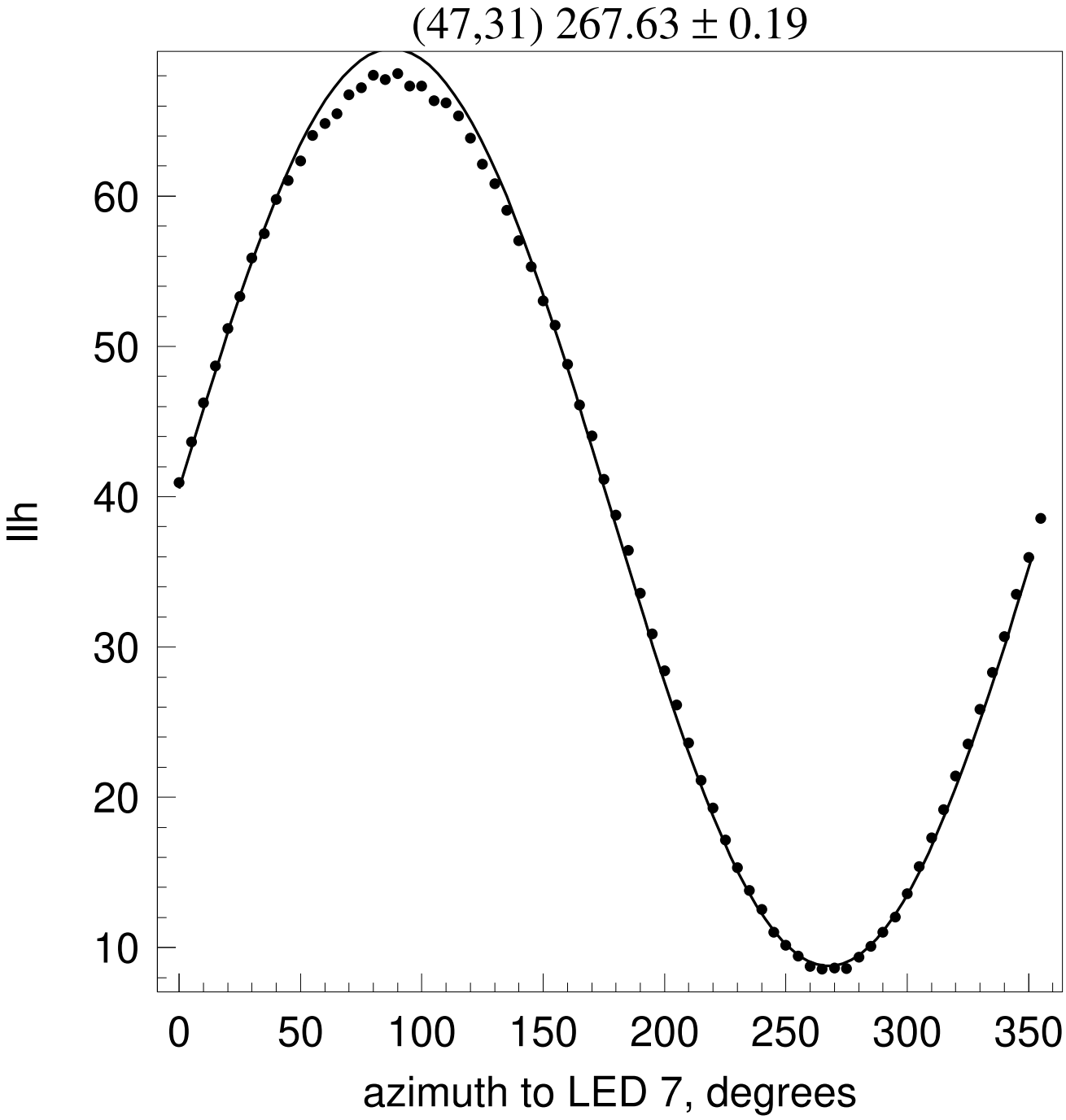

(47,26) 263.77 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

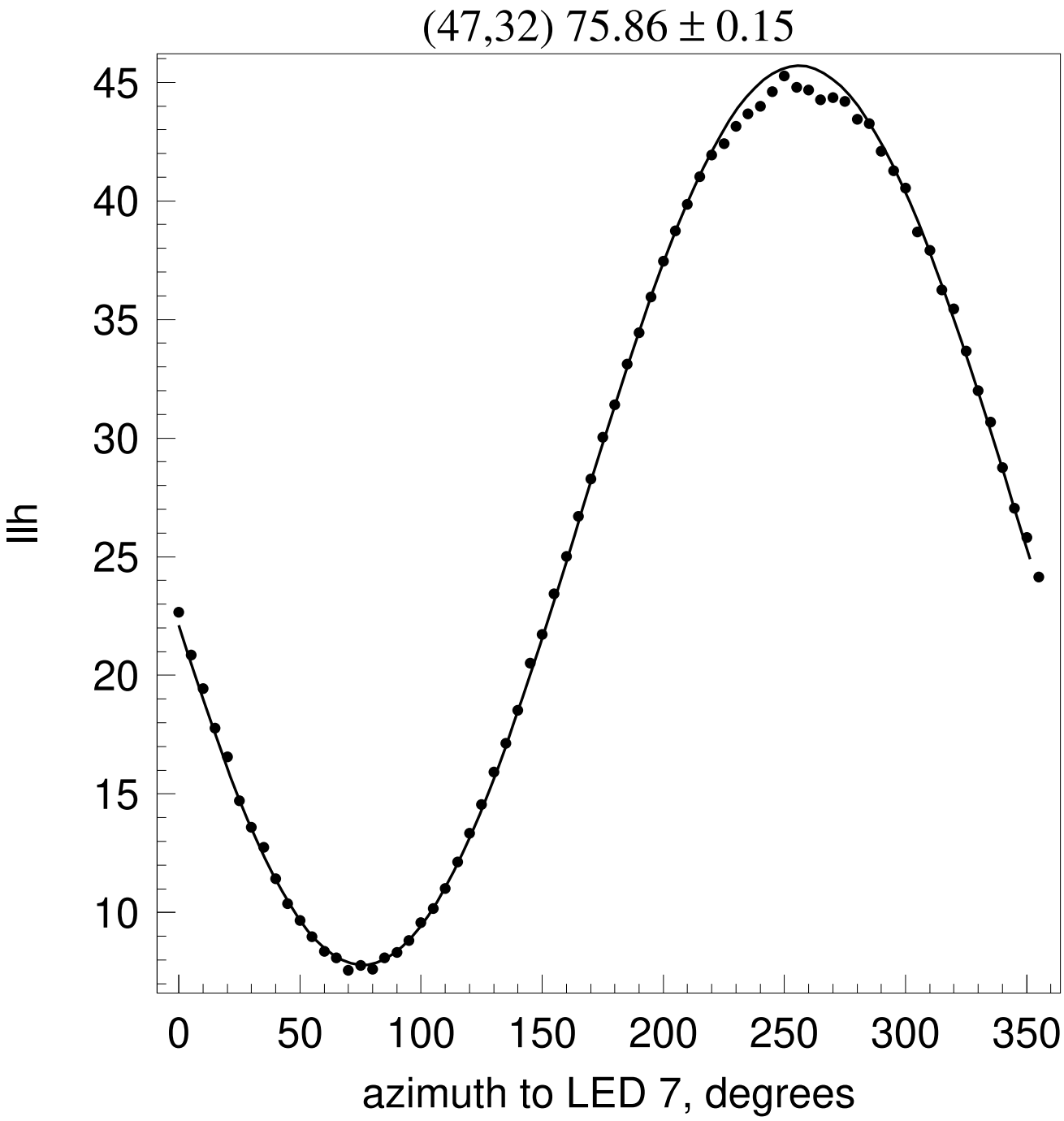

(47,27) 340.30 ± 0.40
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

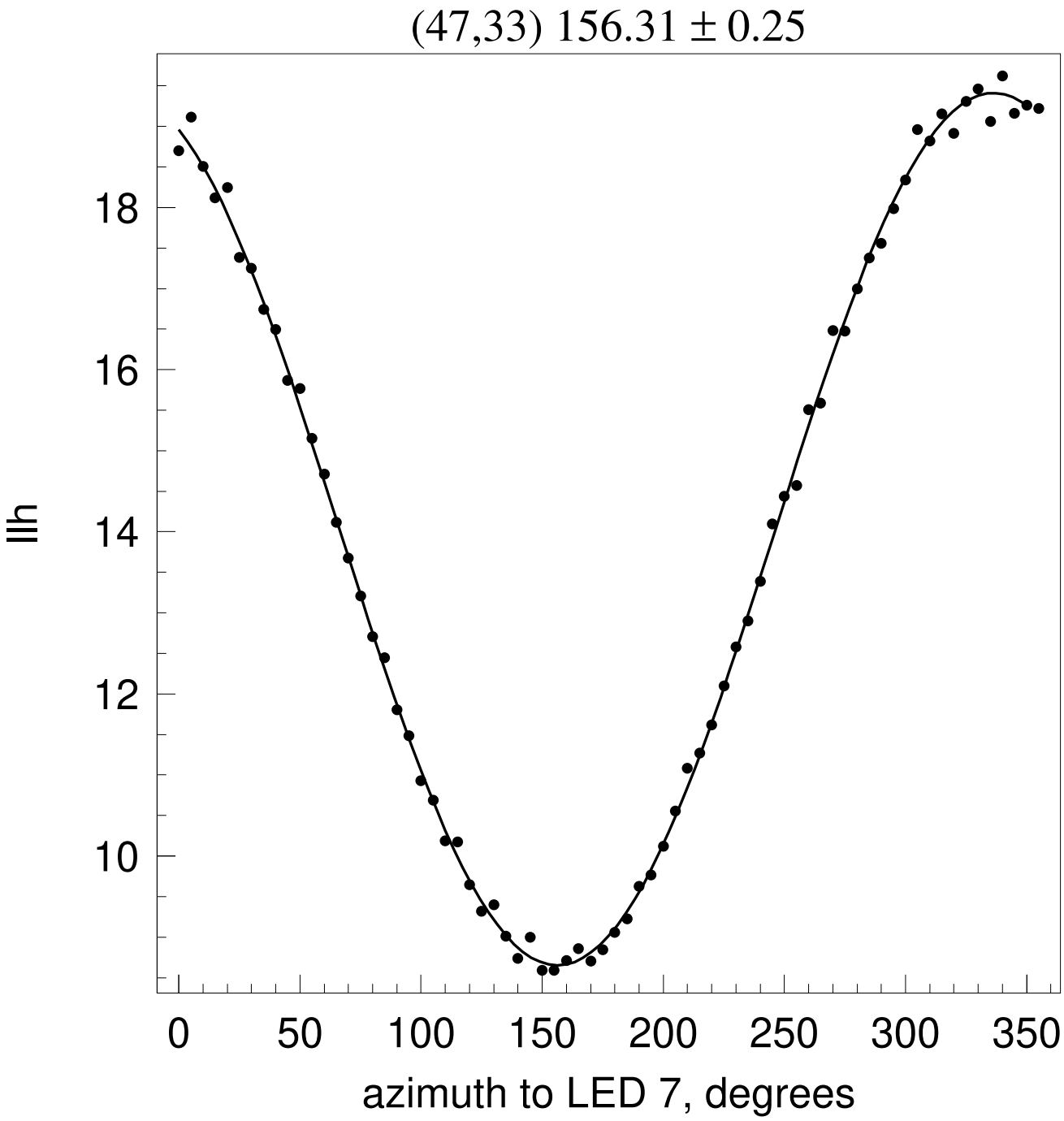

(47,28) 216.94 ± 0.49
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

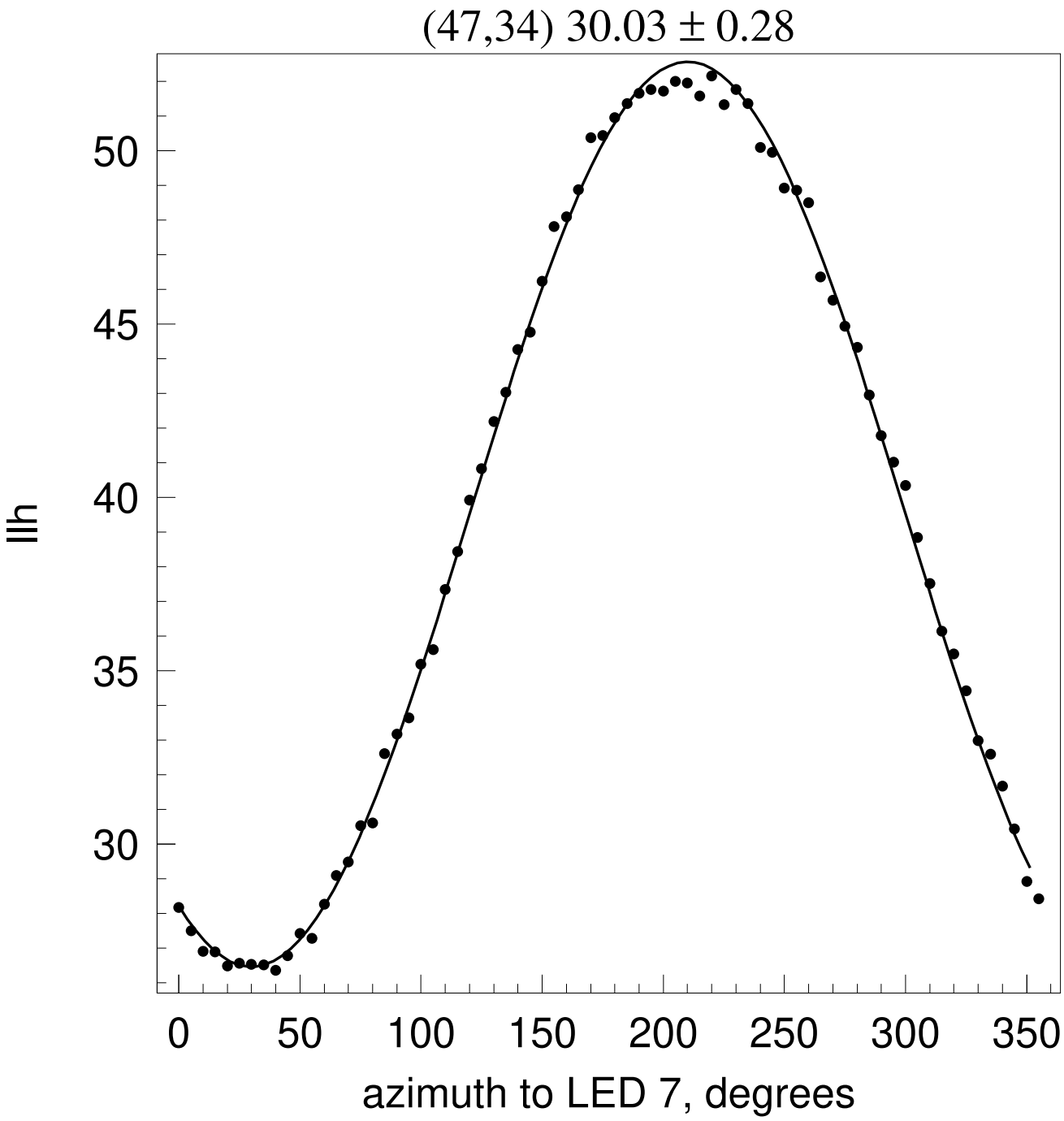

(47,29) 230.99 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

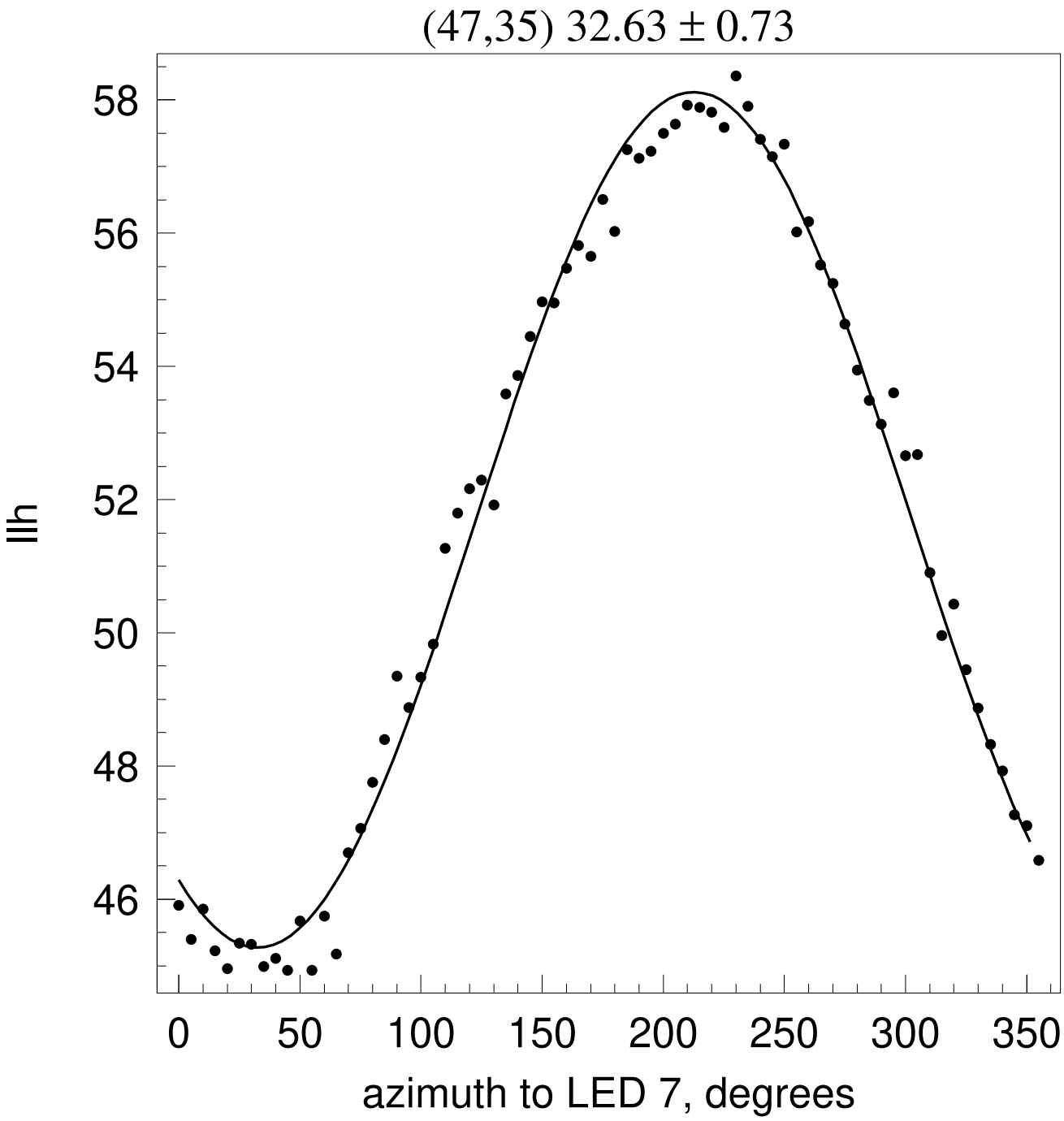

(47,30) 20.94 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

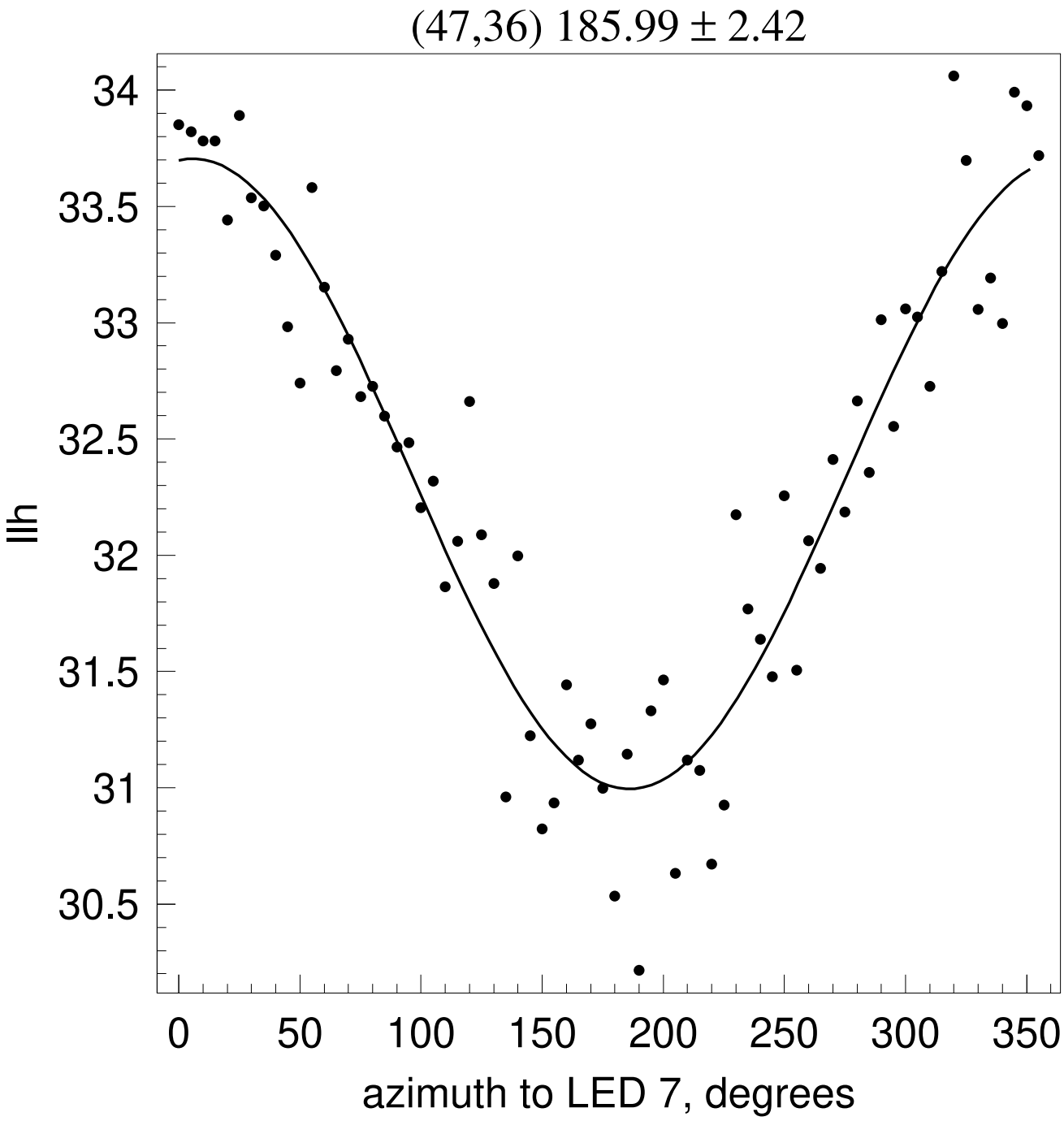

(47,31) 267.63 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

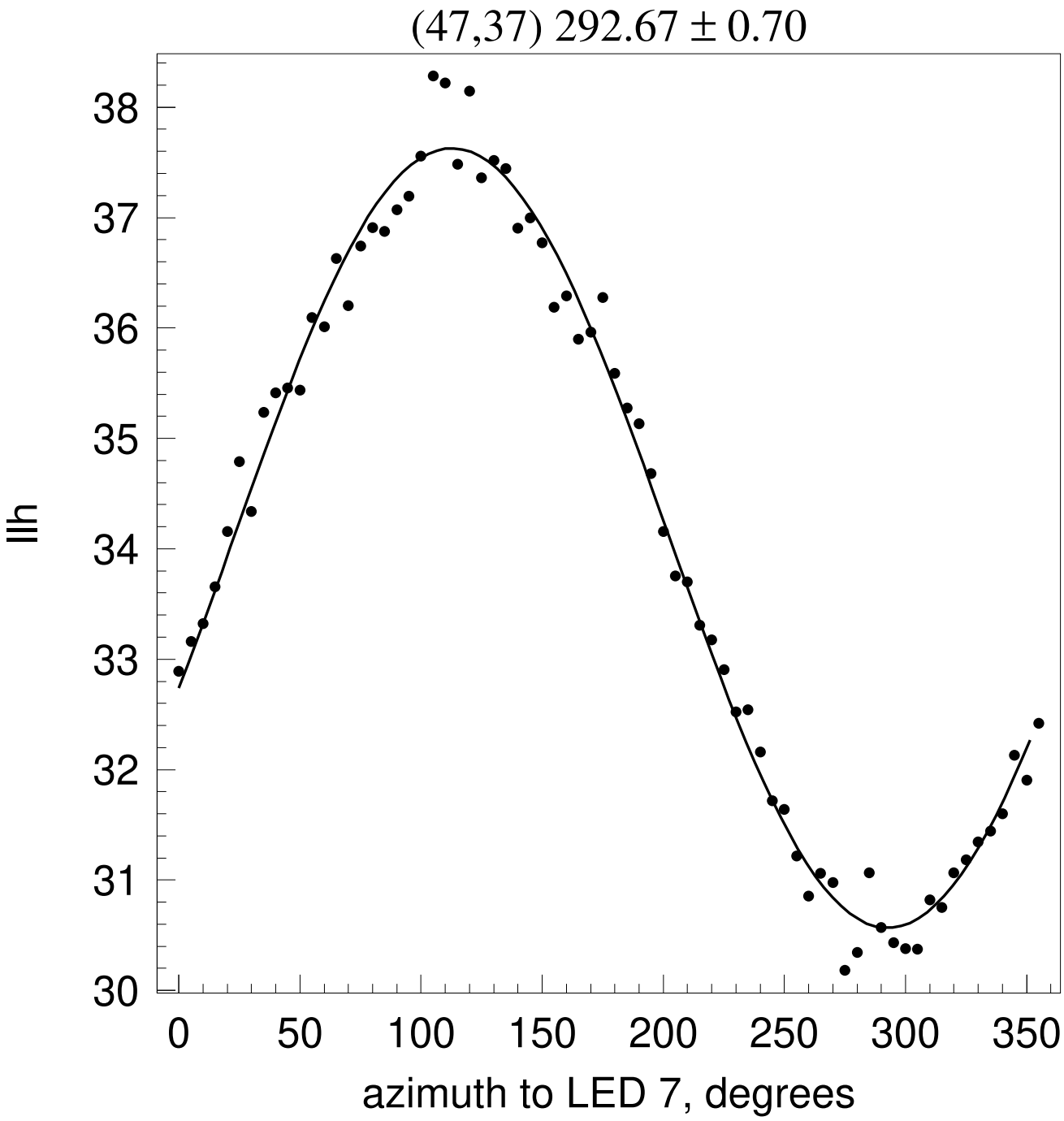

(47,32) 75.86 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

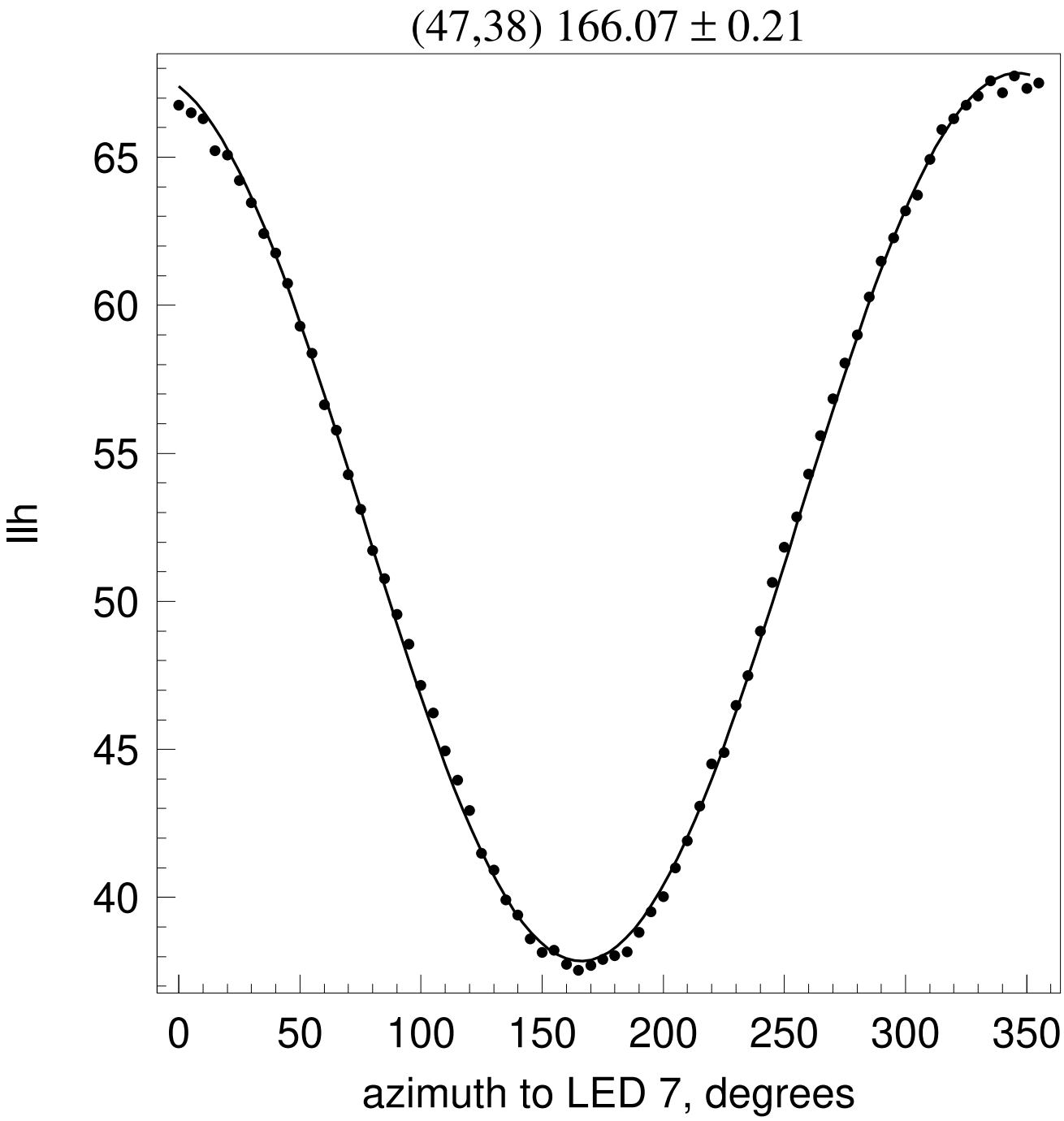

(47,33) 156.31 ± 0.25
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

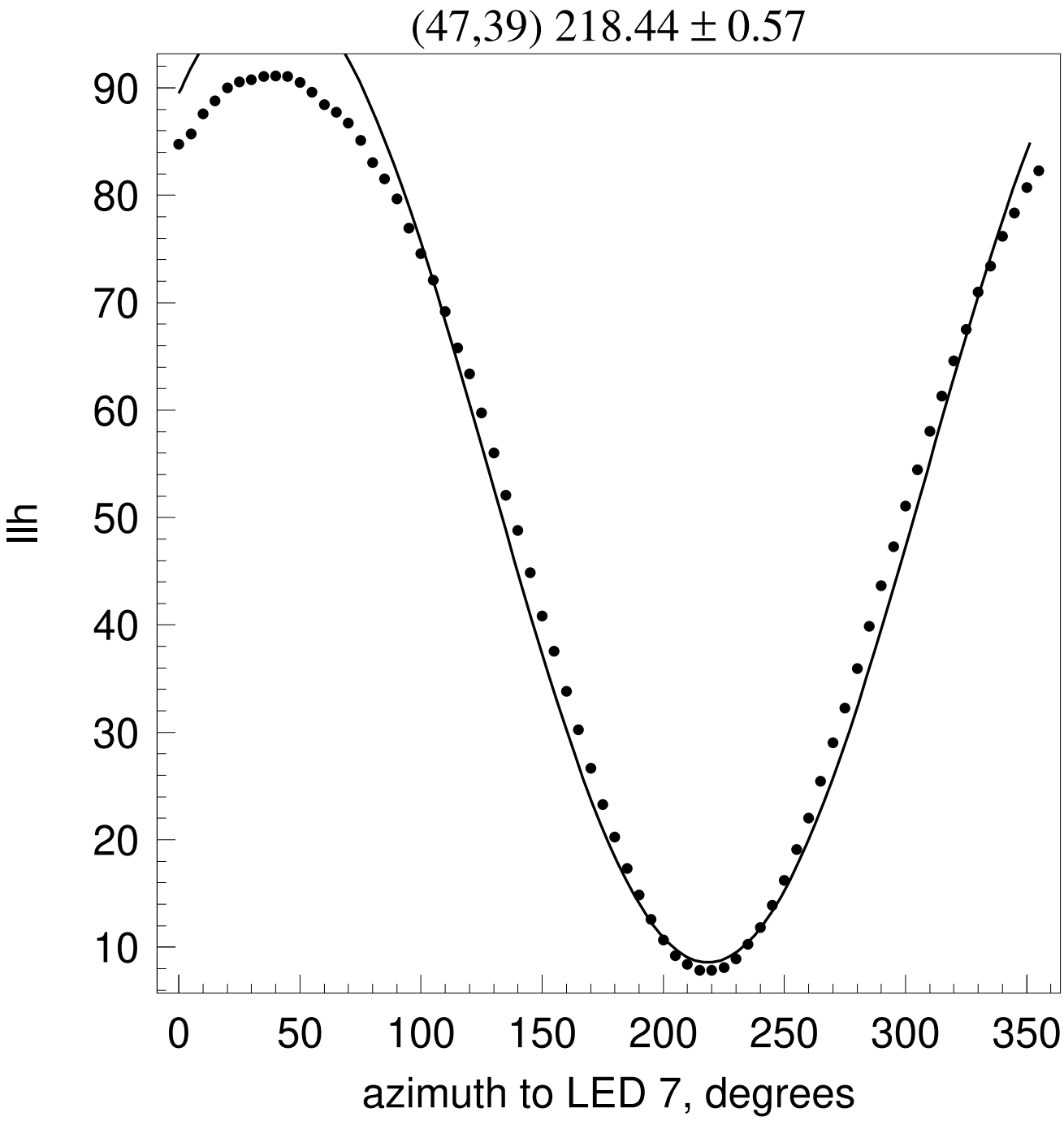

(47,34) 30.03 ± 0.28
50
45
40
35
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

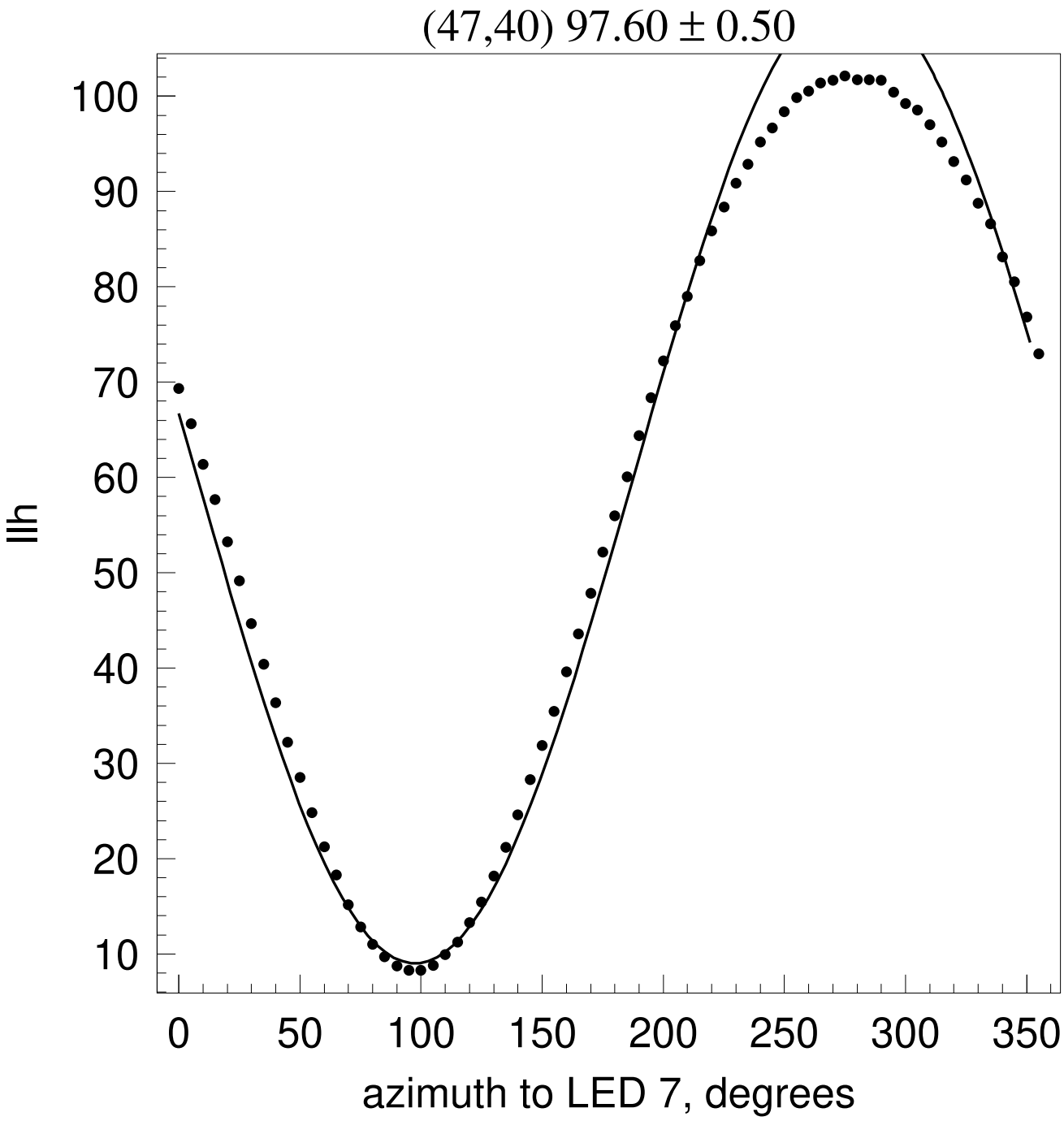

(47,35) 32.63 ± 0.73
58
56
54
52
50
48
46
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

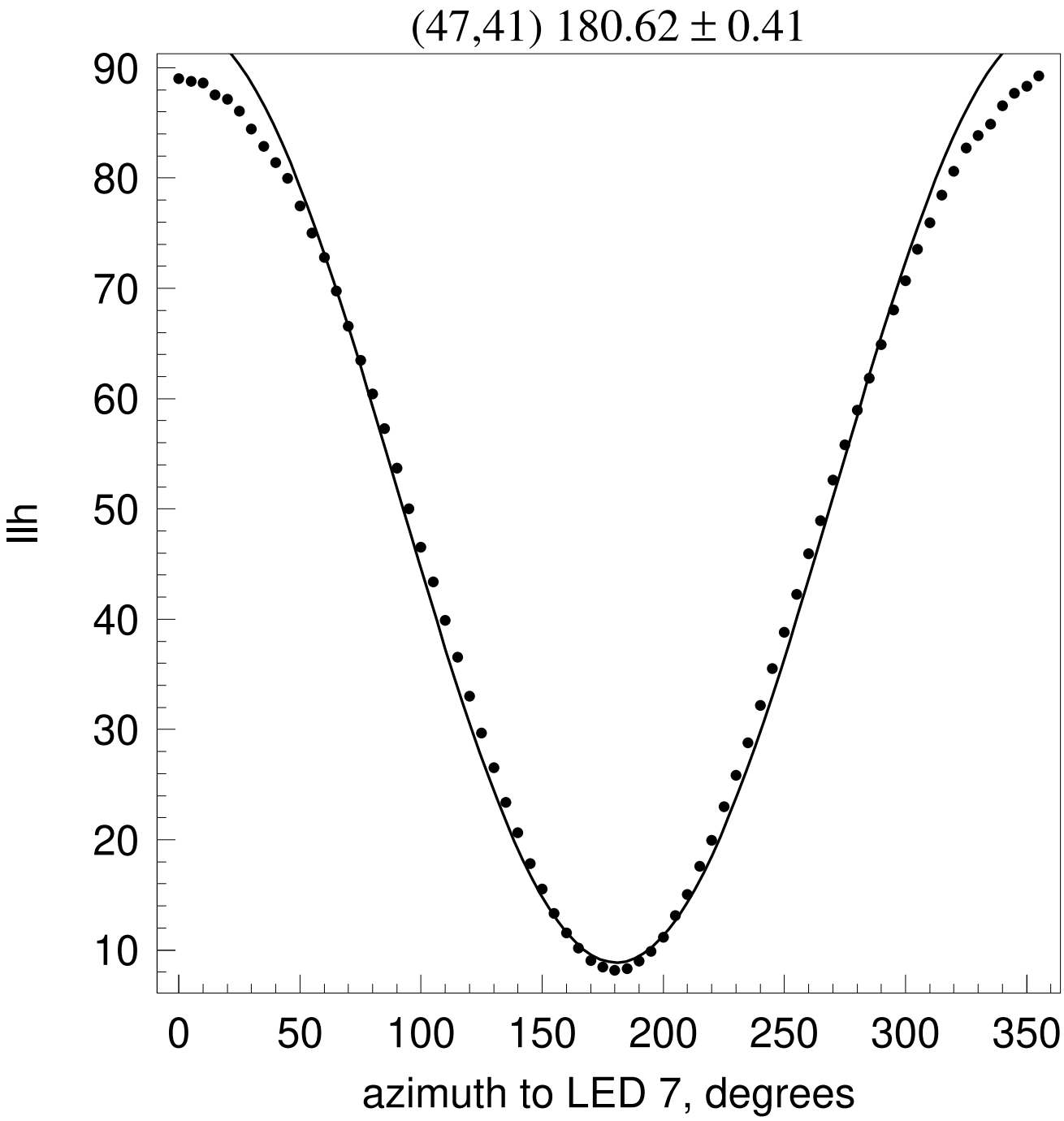

(47,36) 185.99 ± 2.42
34
33.5
33
32.5
32
31.5
31
30.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

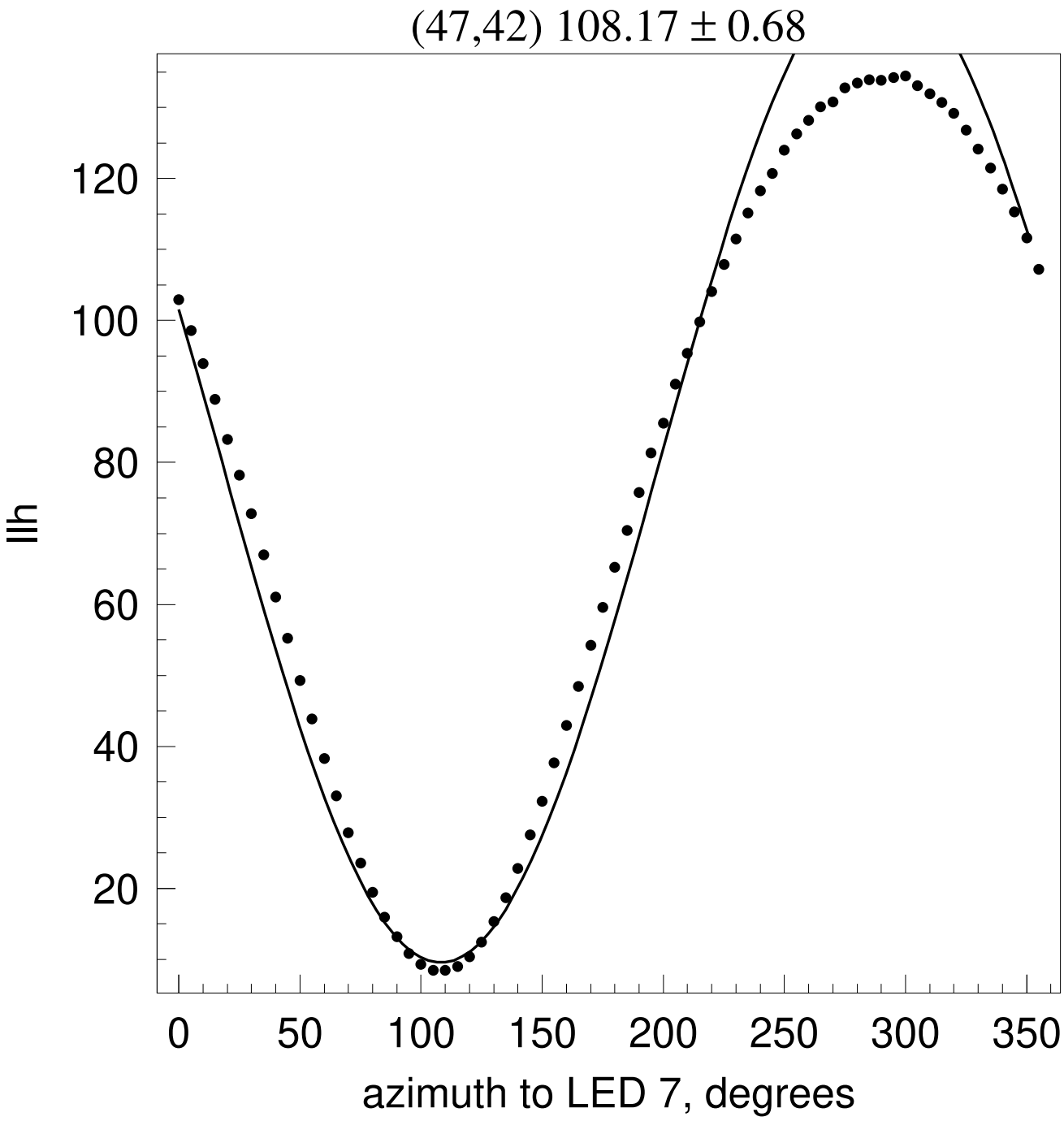

(47,37) 292.67 ± 0.70
38
37
36
35
34
33
32
31
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

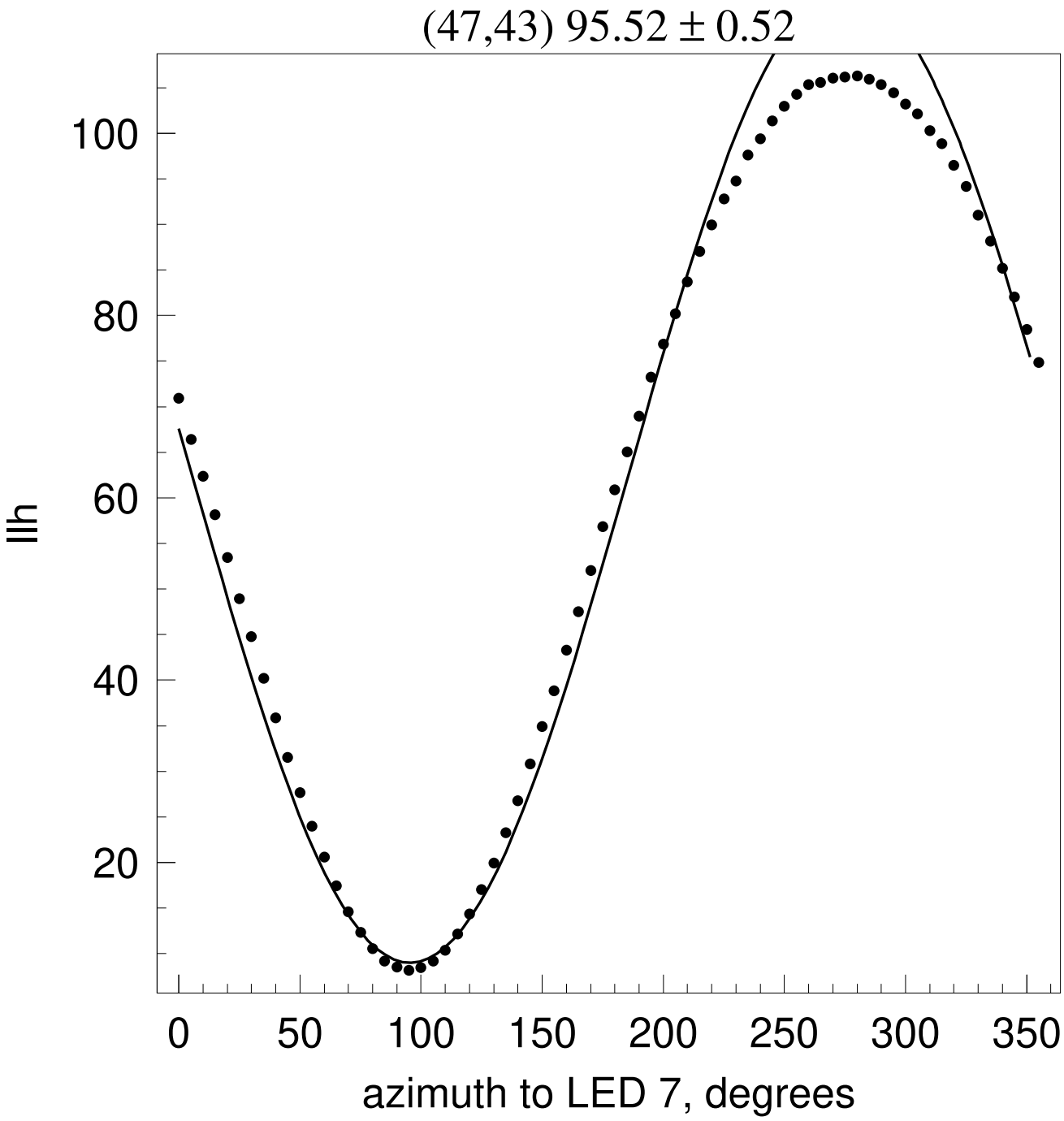

(47,38) 166.07 ± 0.21
65
60
55
50
45
40
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

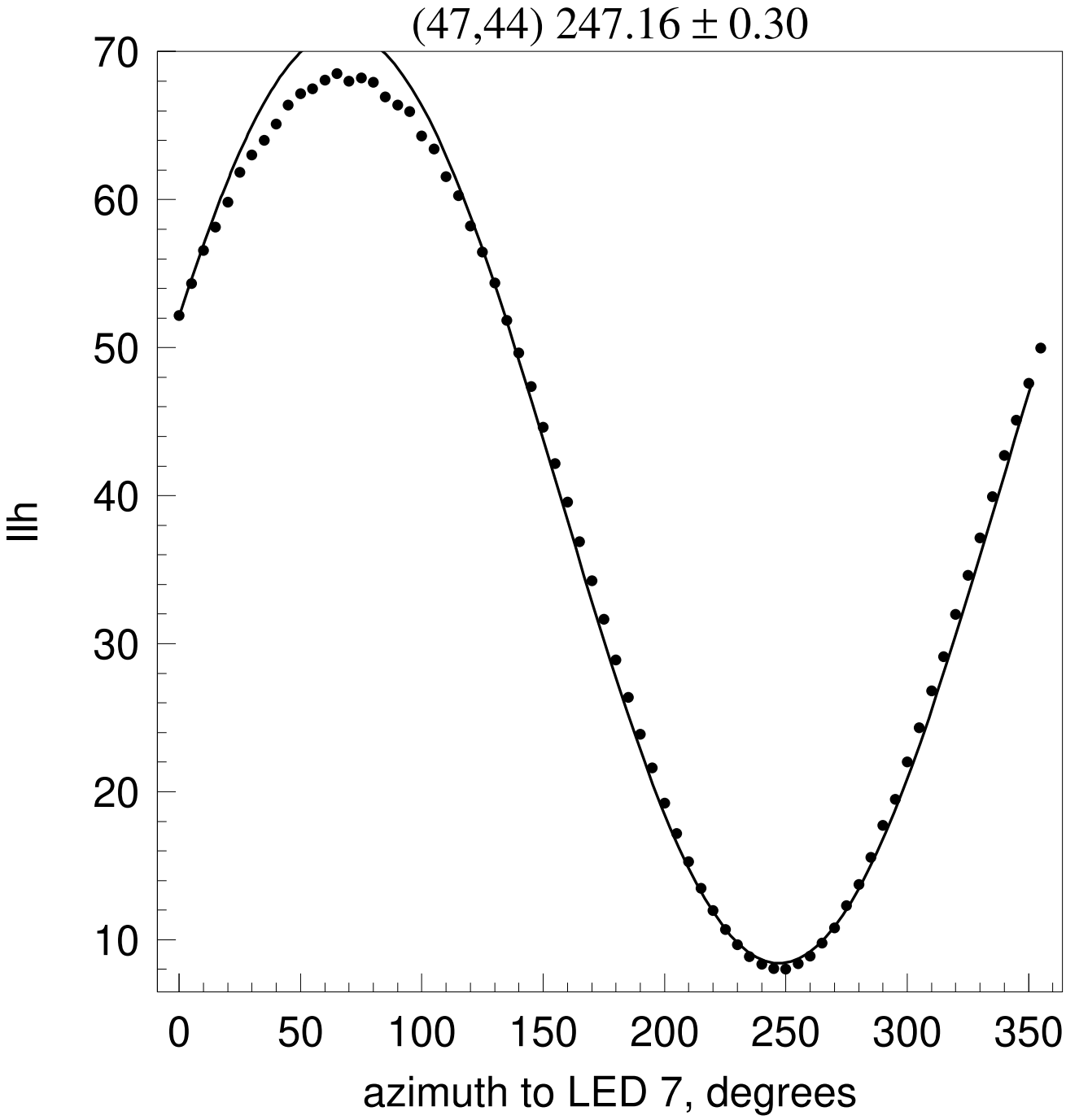

(47,39) 218.44 ± 0.57
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

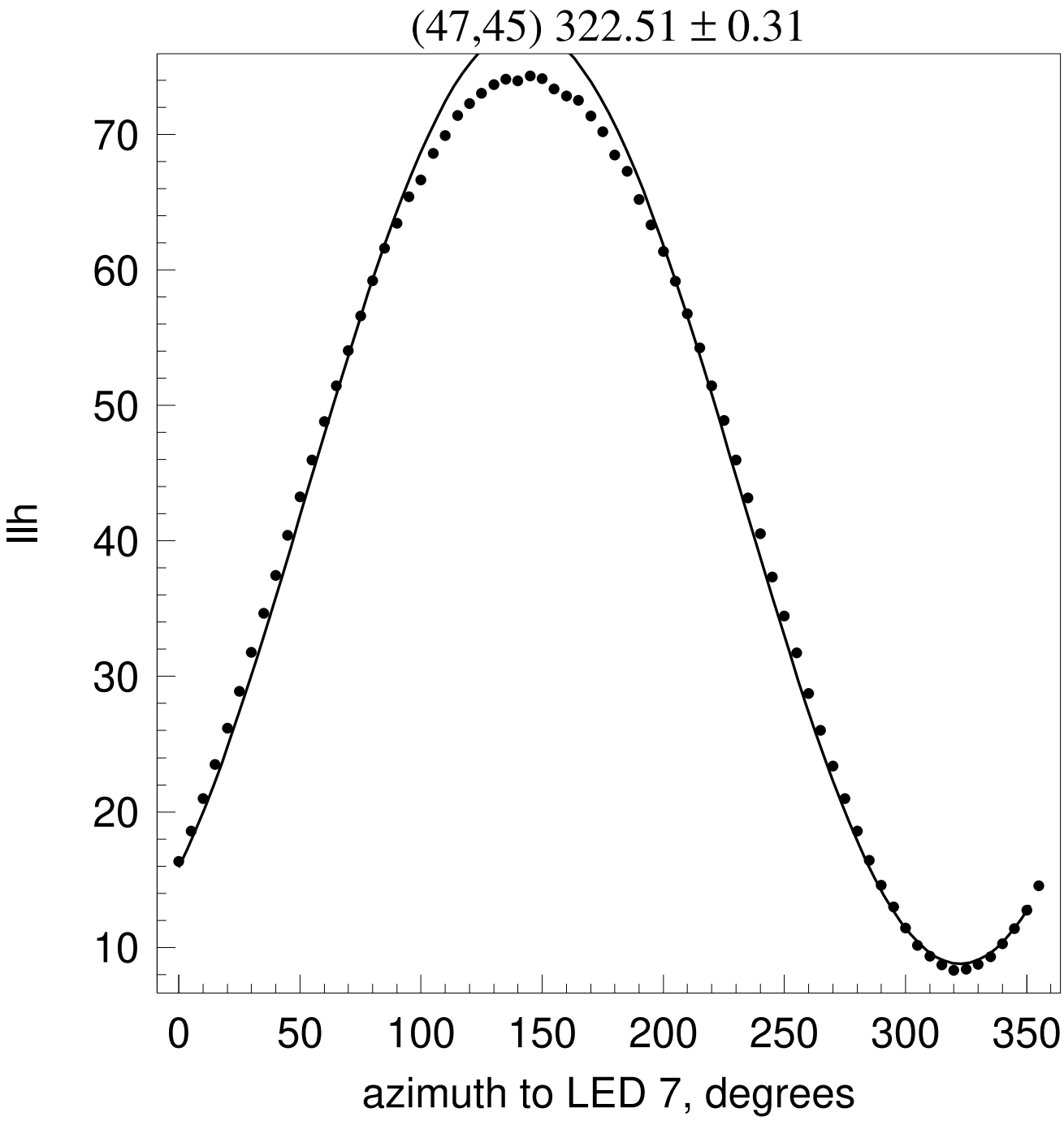

(47,40) 97.60 ± 0.50
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

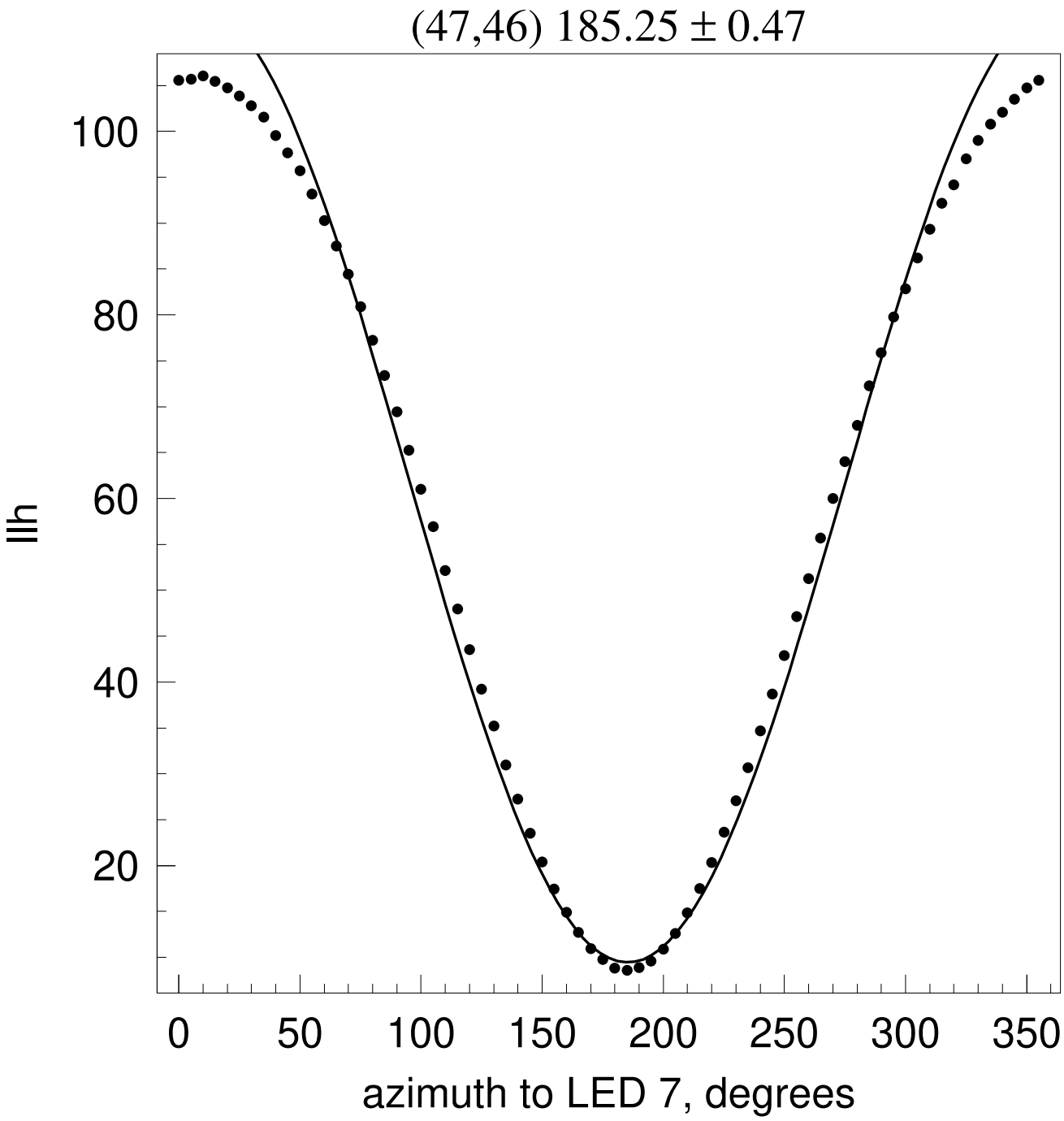

(47,41) 180.62 ± 0.41
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

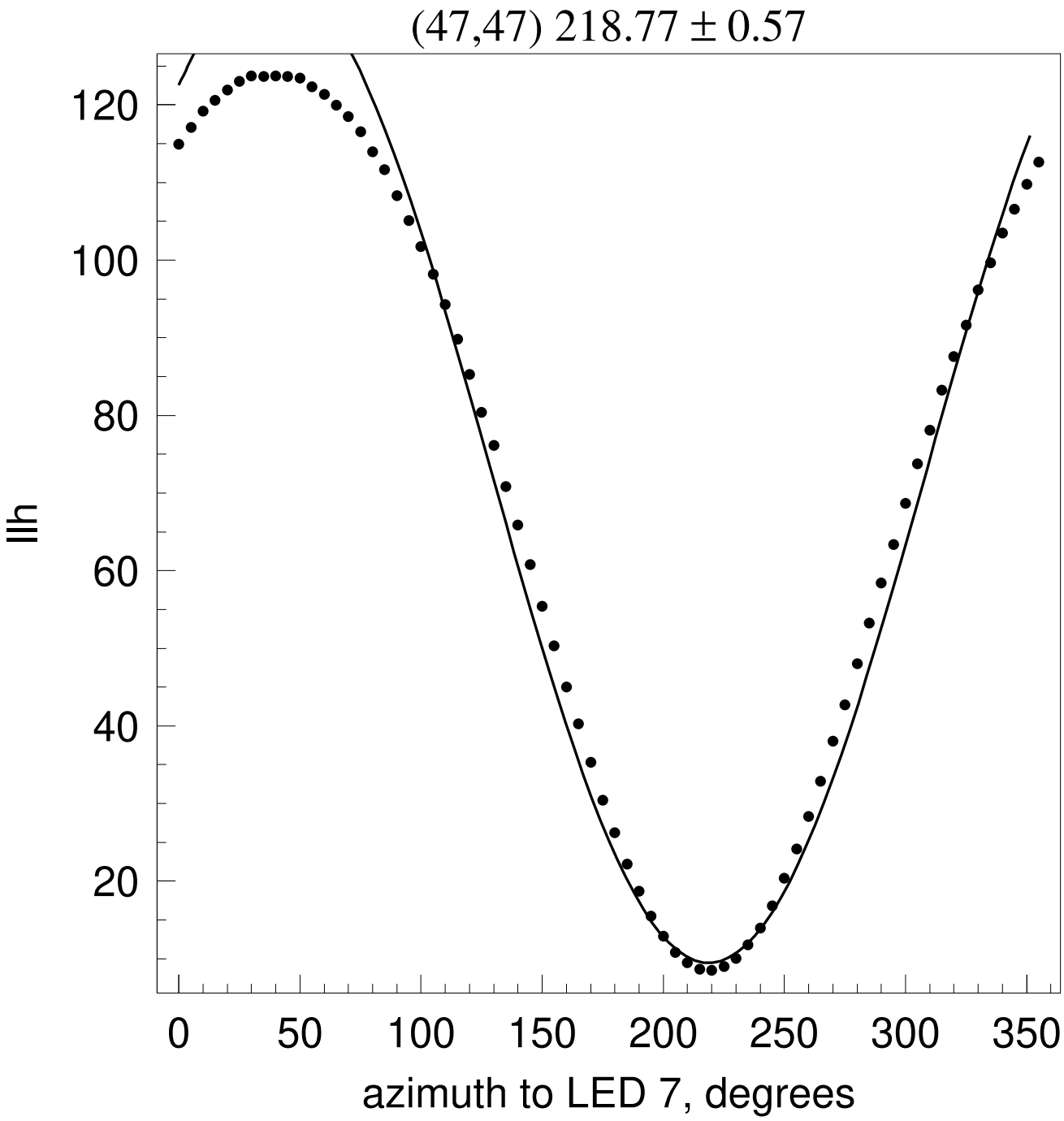

(47,42) 108.17 ± 0.68
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

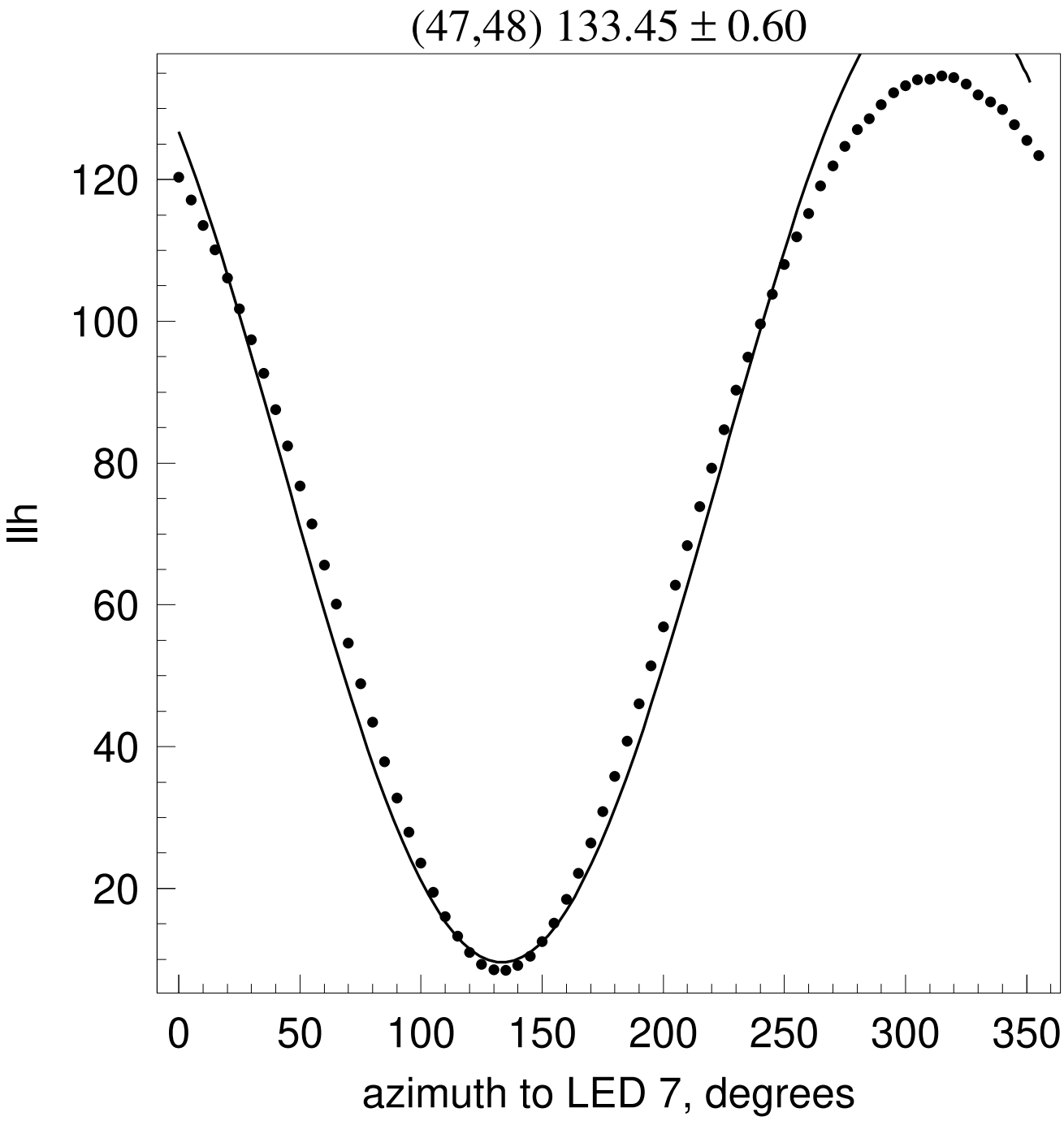

(47,43) 95.52 ± 0.52
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

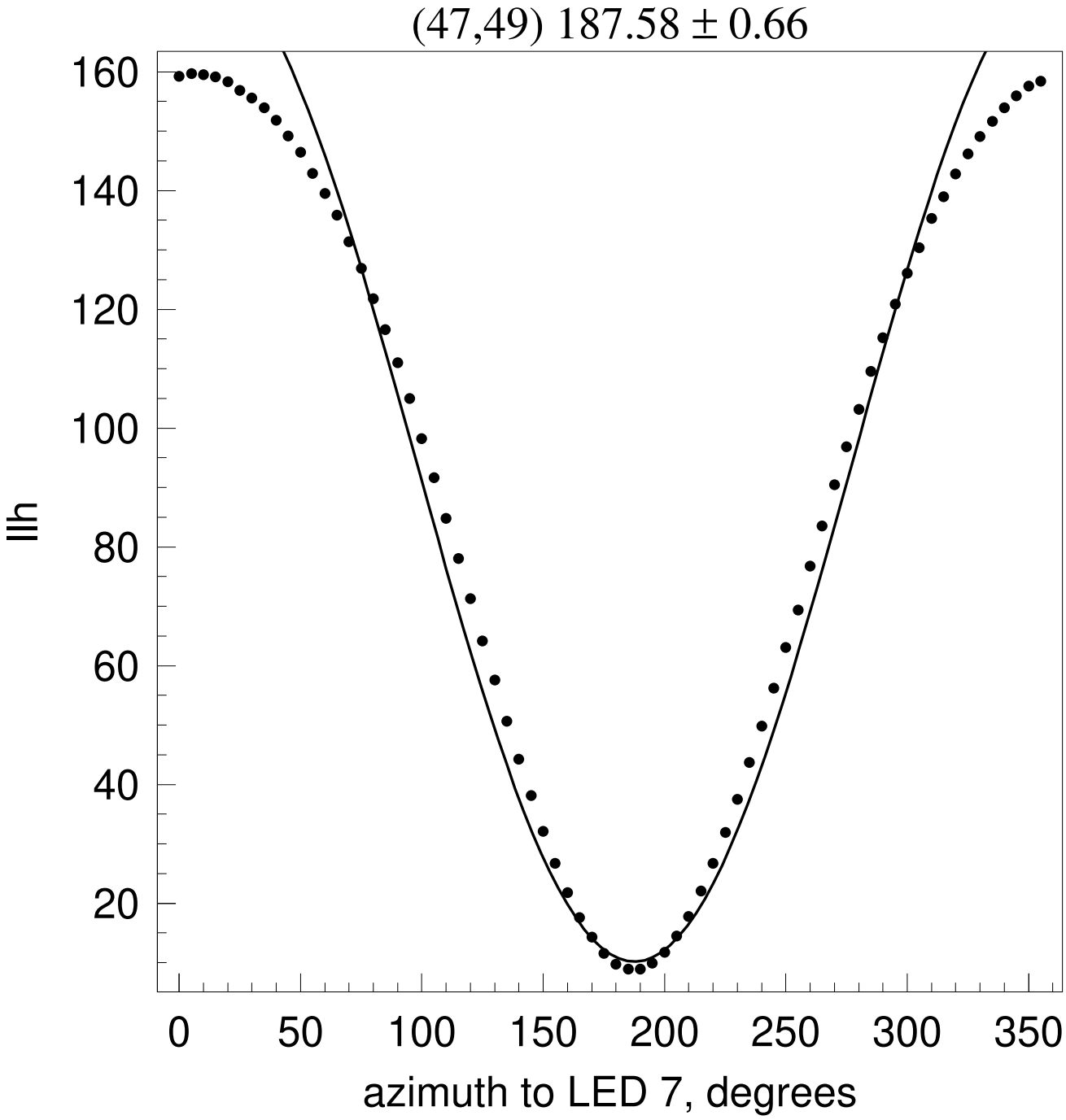

(47,44) 247.16 ± 0.30
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

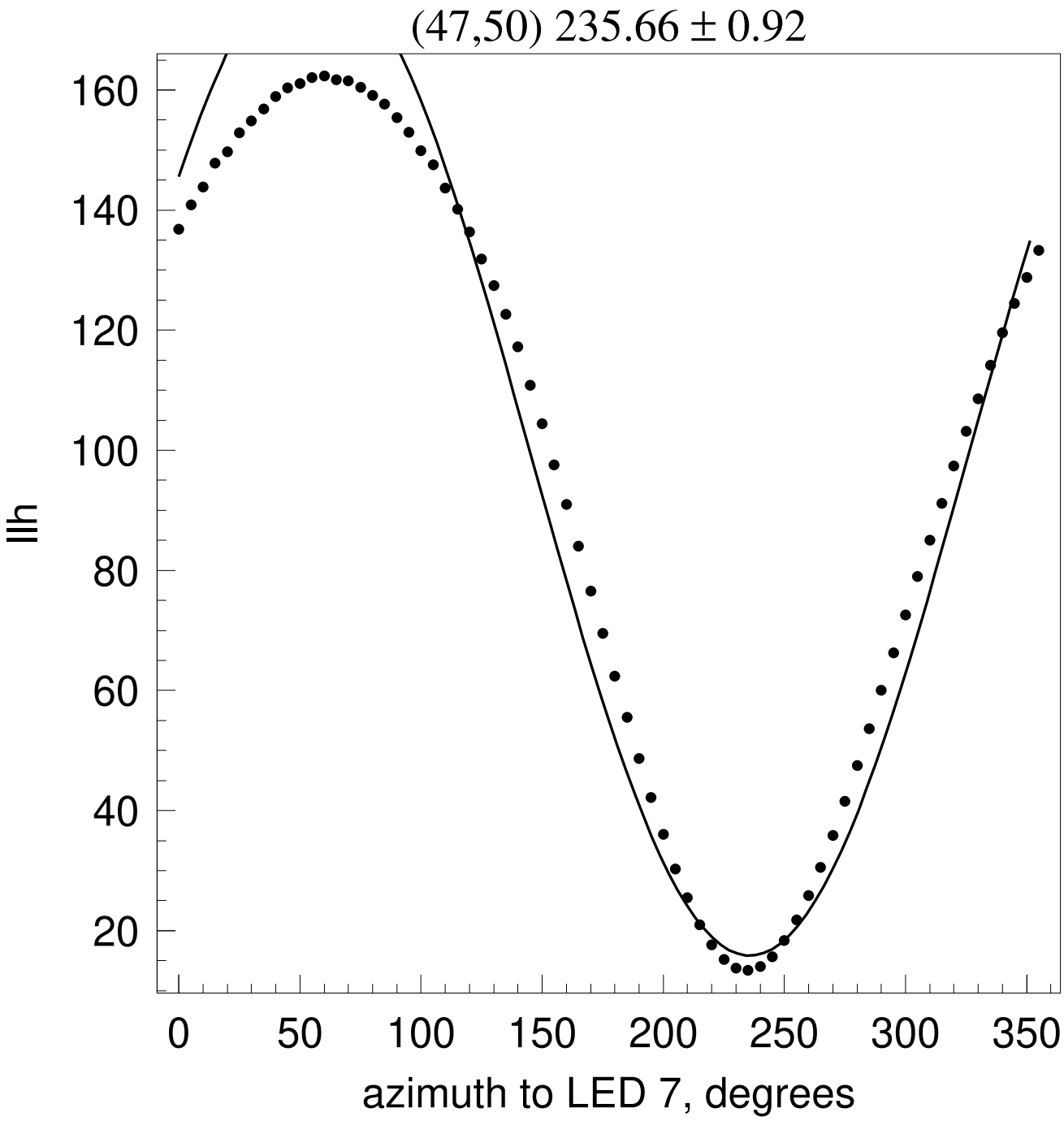

(47,45) 322.51 ± 0.31
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

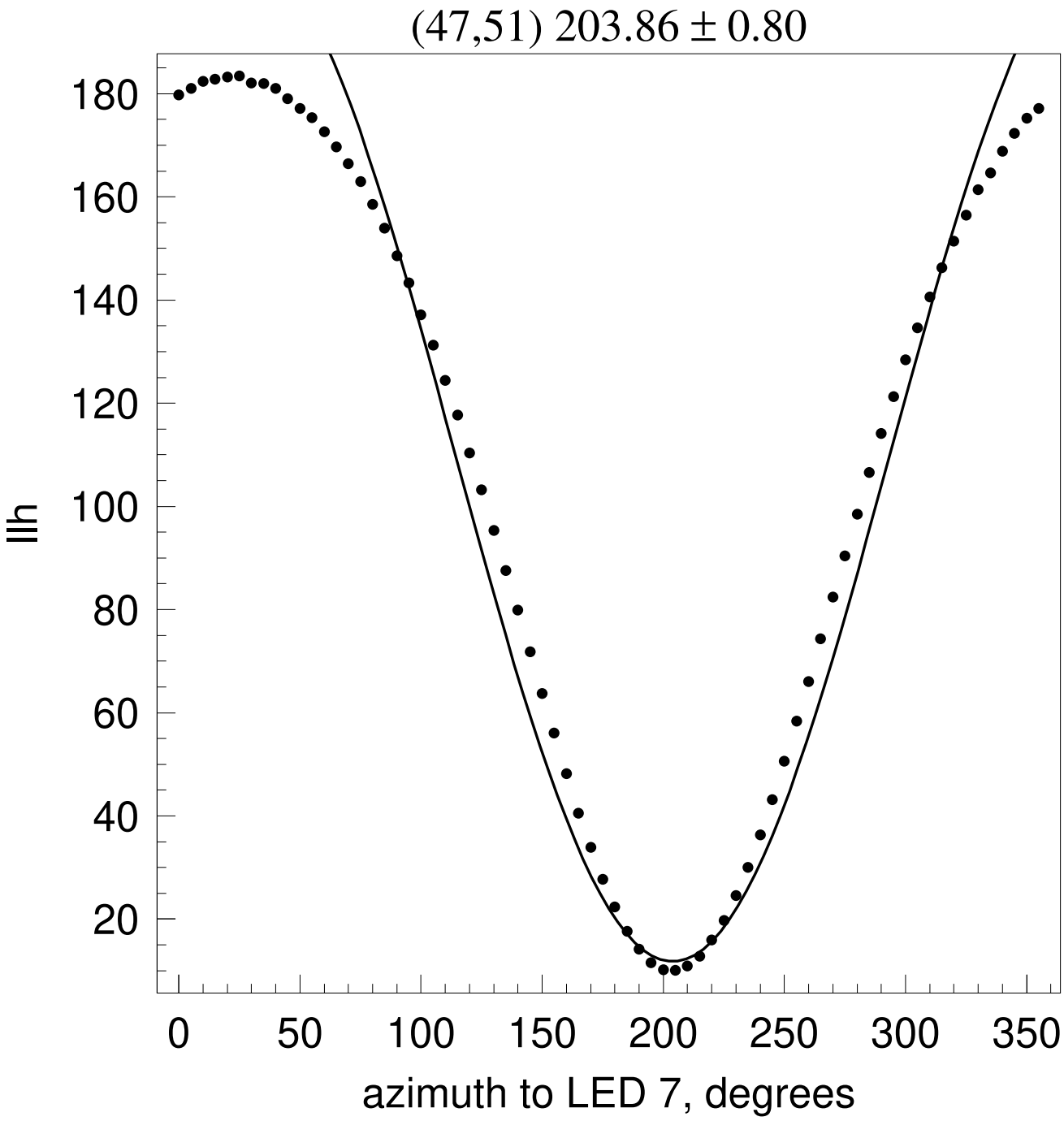

(47,46) 185.25 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

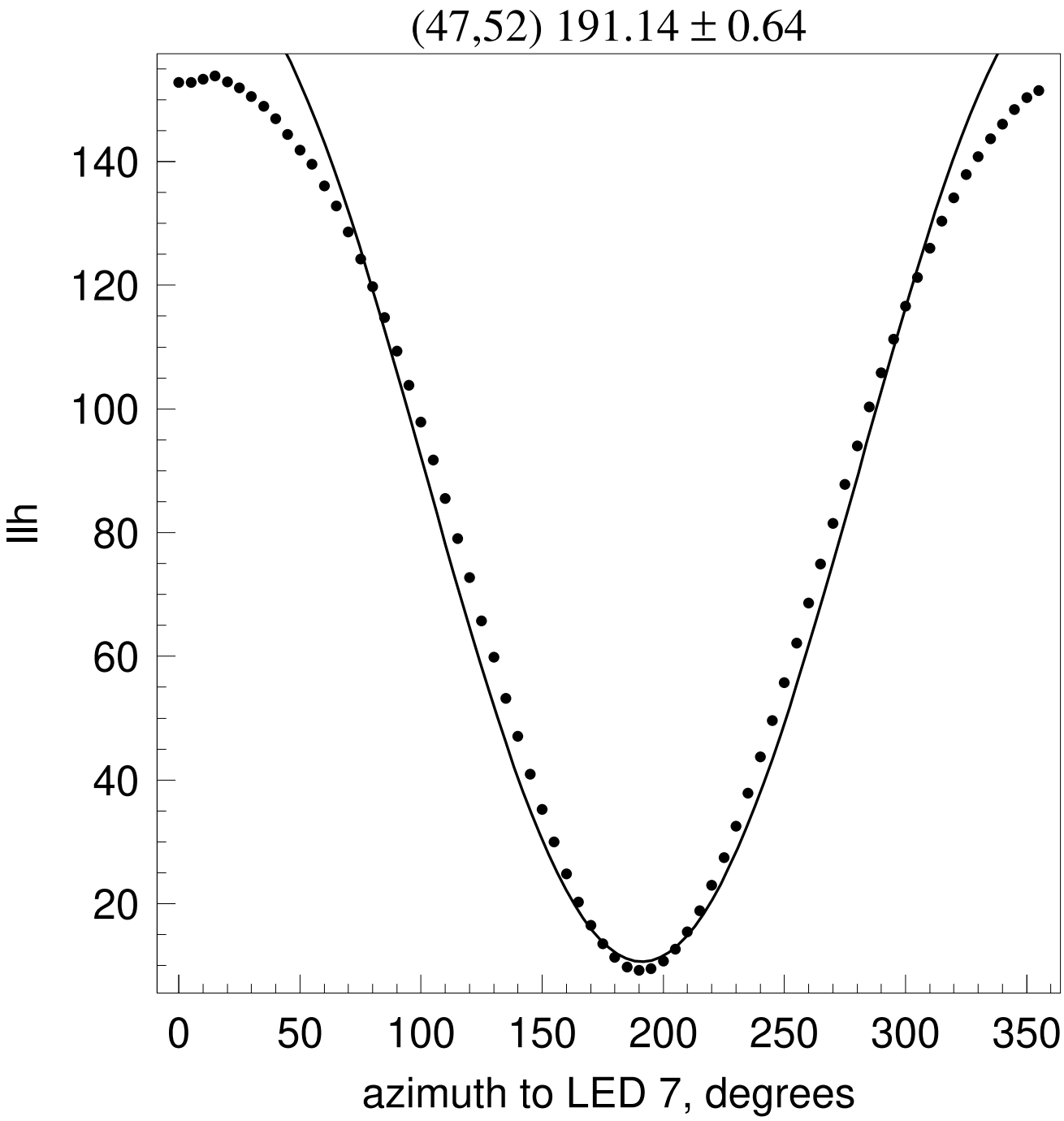

(47,47) 218.77 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

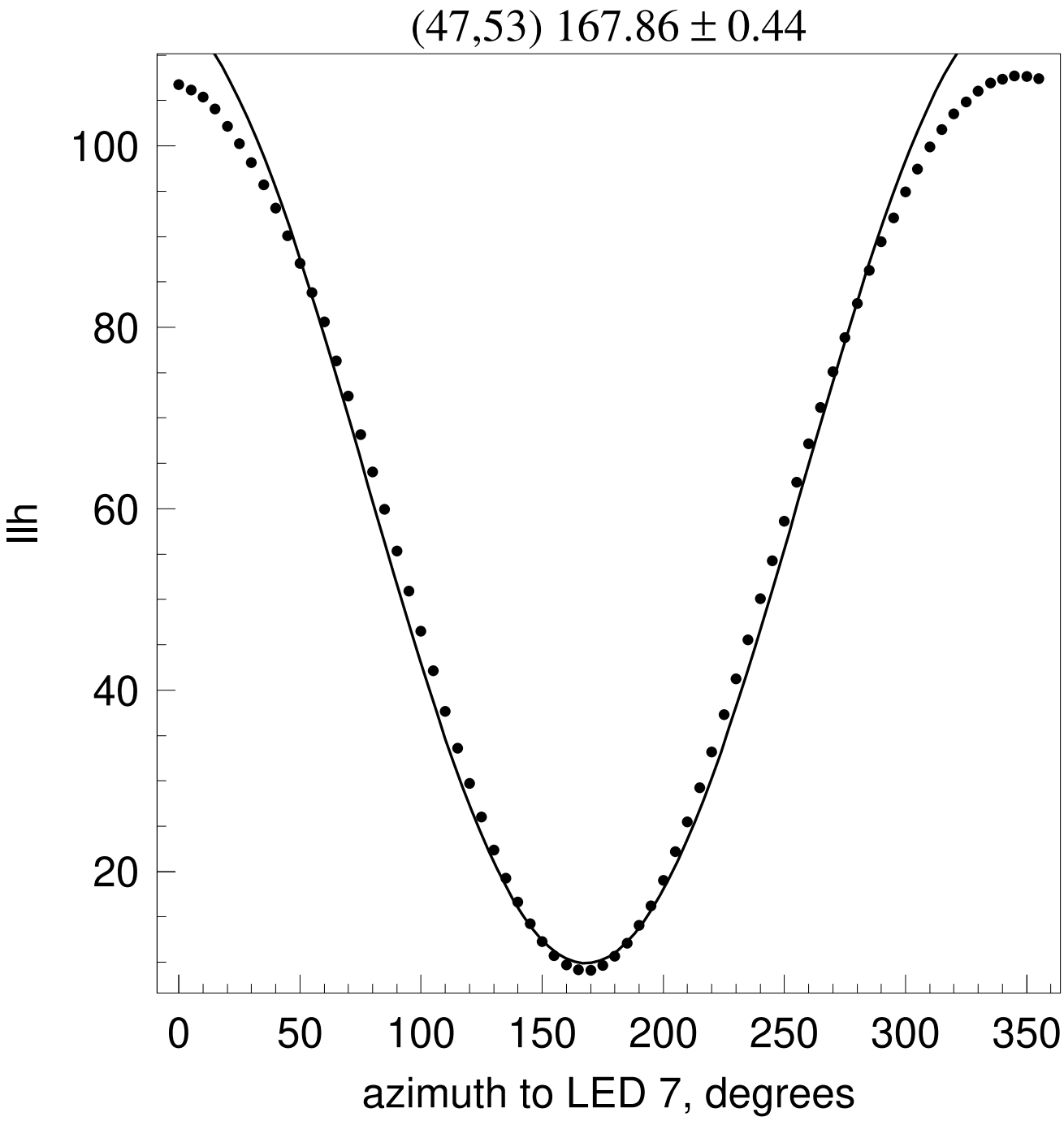

(47,48) 133.45 ± 0.60
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

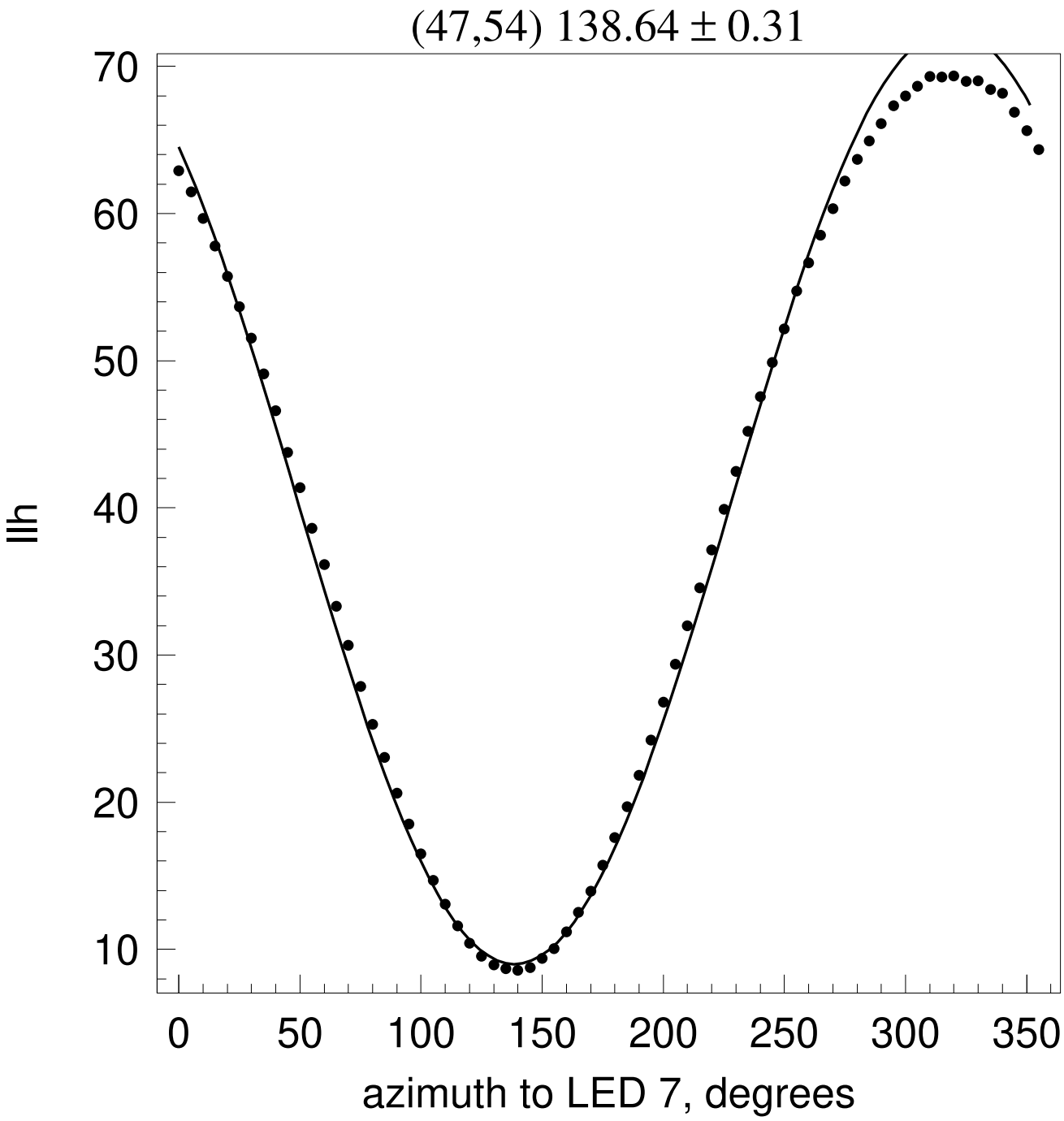

(47,49) 187.58 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

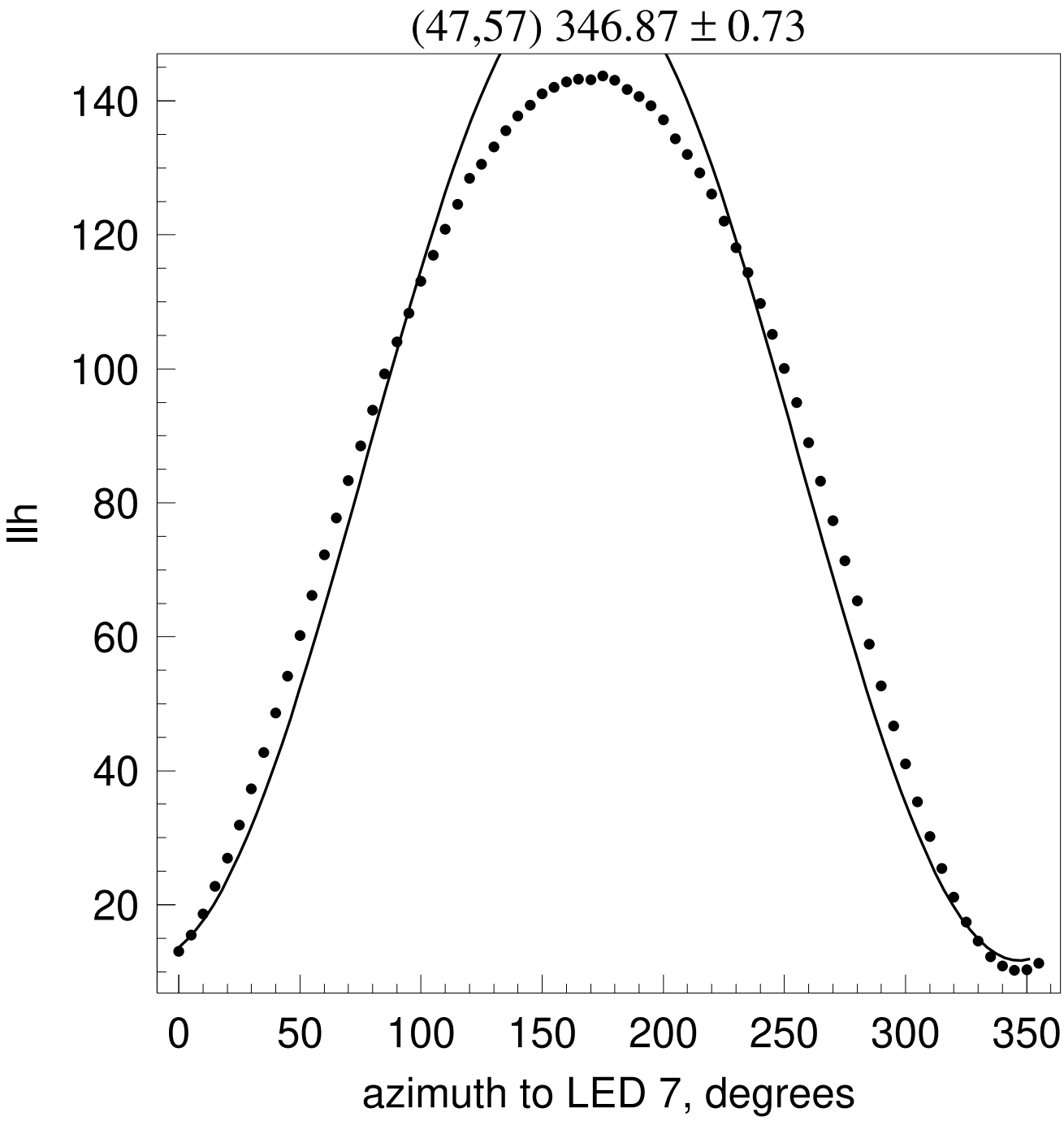

(47,50) 235.66 ± 0.92
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

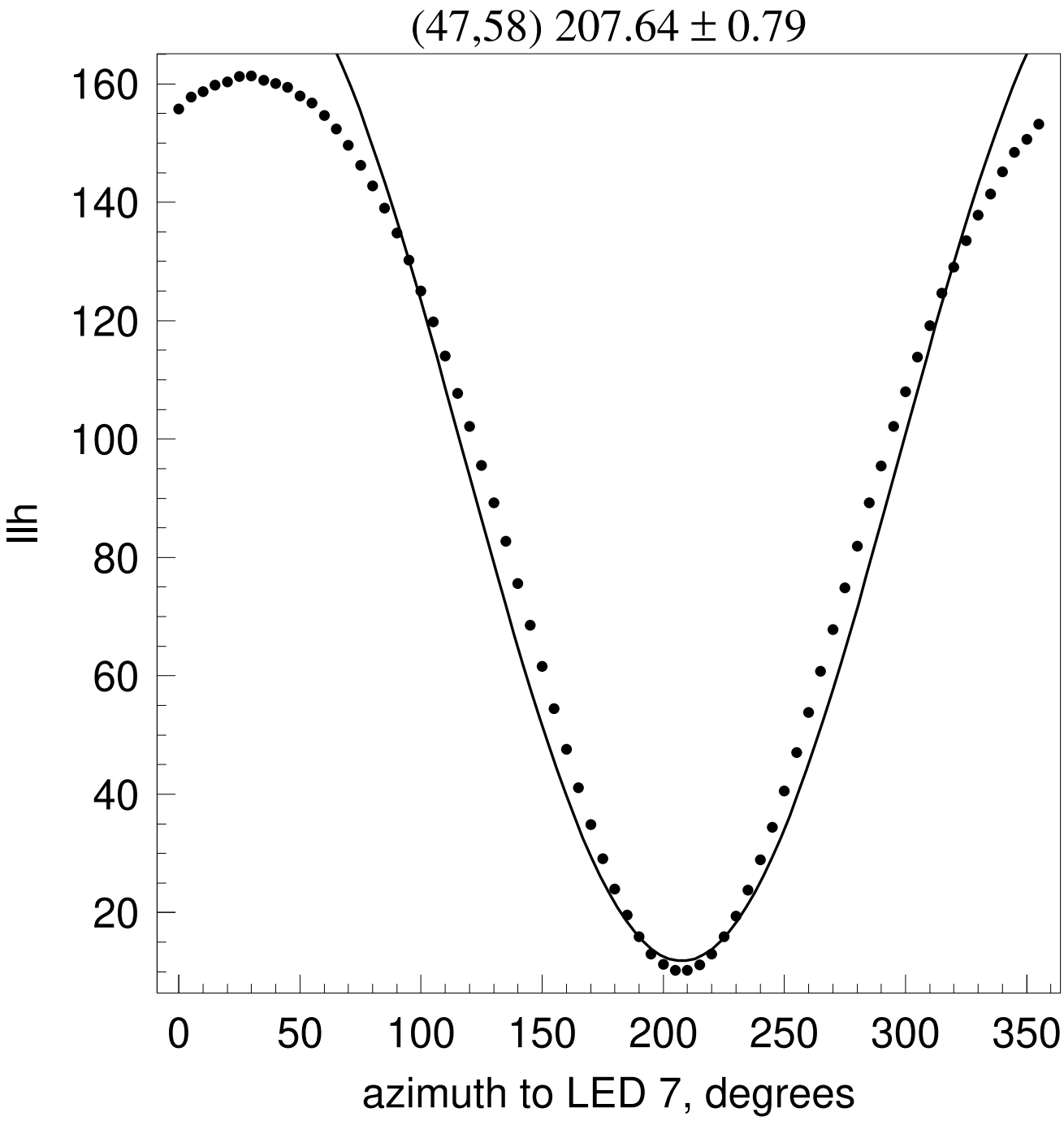

(47,51) 203.86 ± 0.80
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

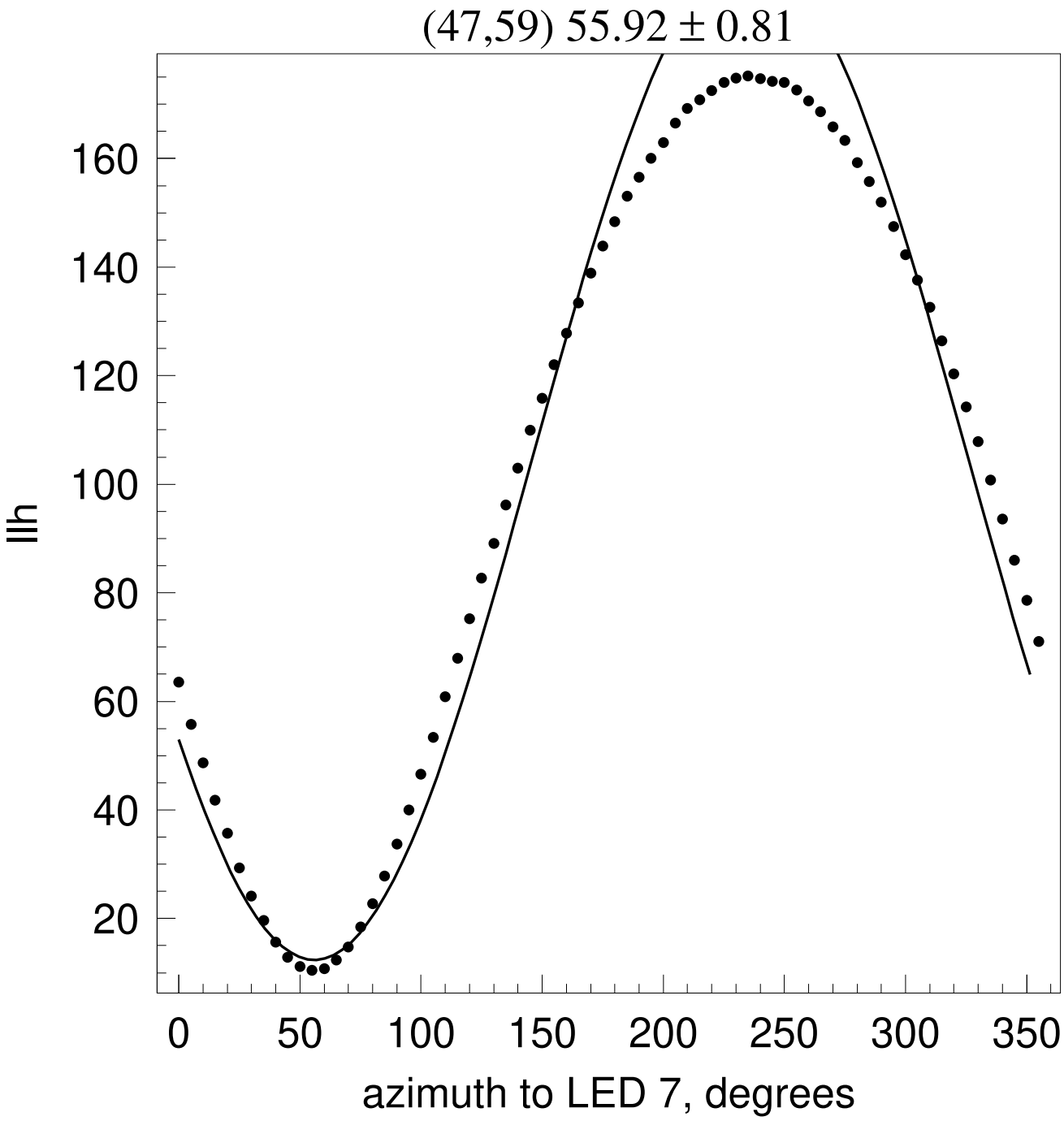

(47,52) 191.14 ± 0.64
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

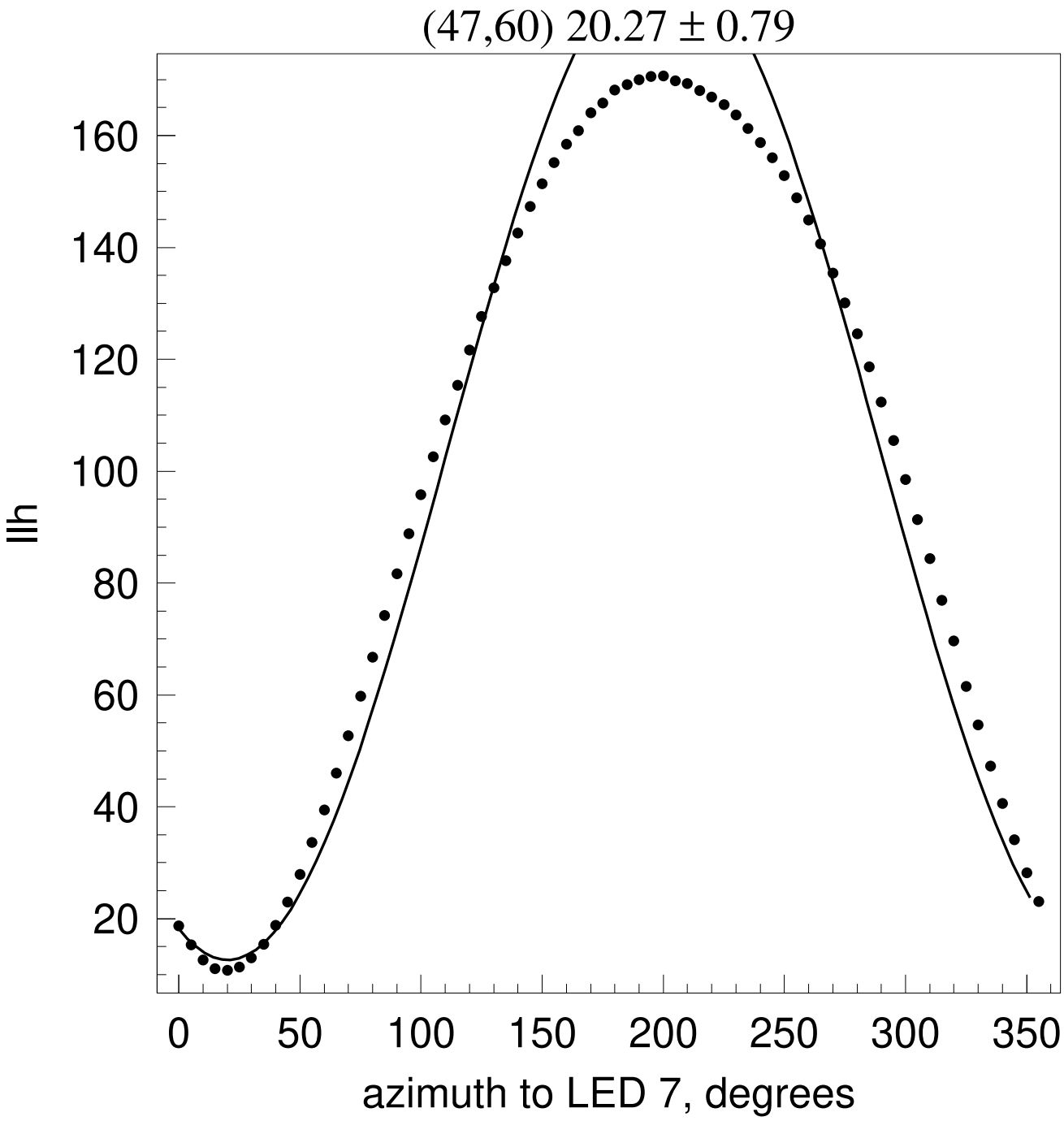

(47,53) 167.86 ± 0.44
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

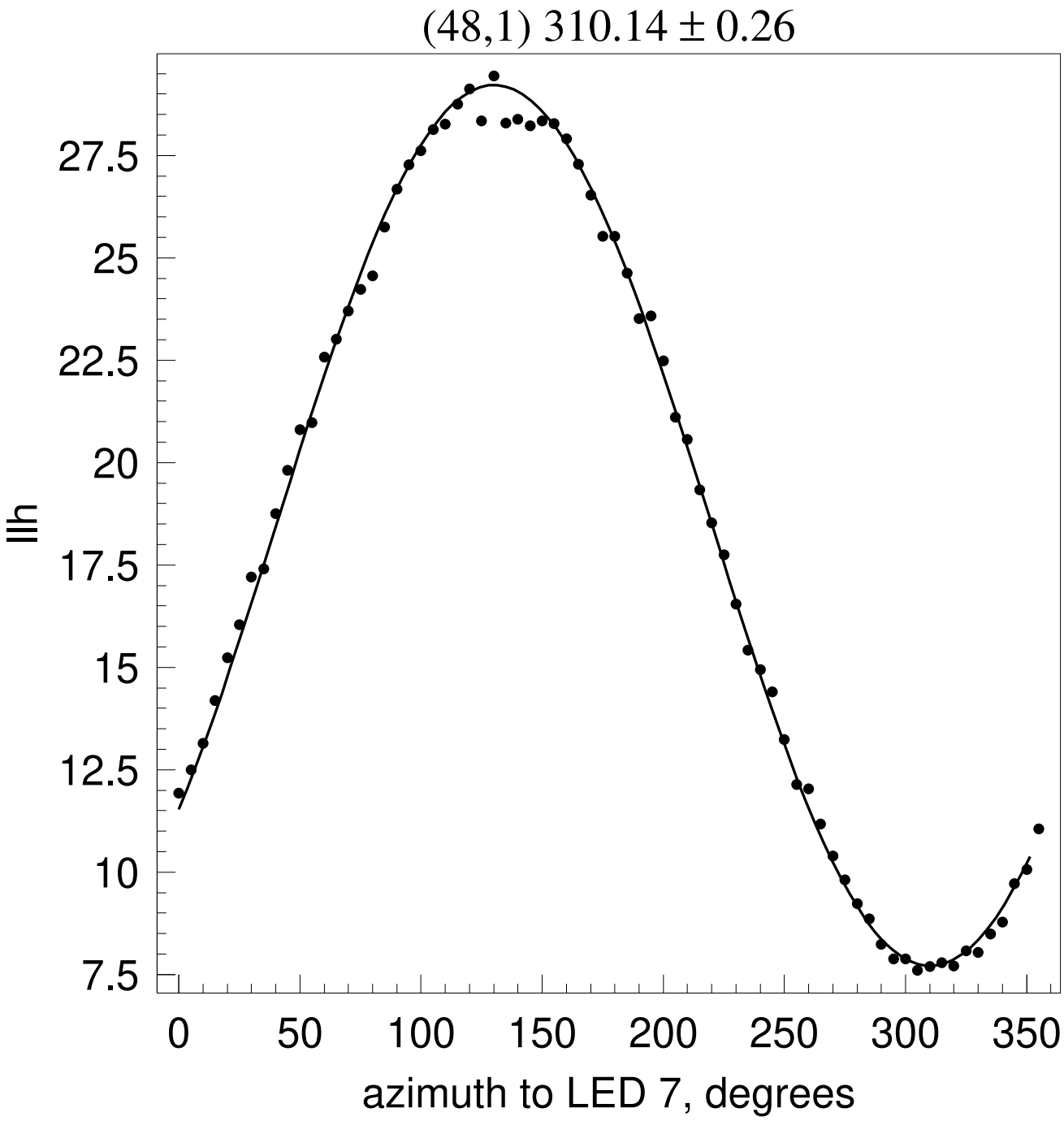

(47,54) 138.64 ± 0.31
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

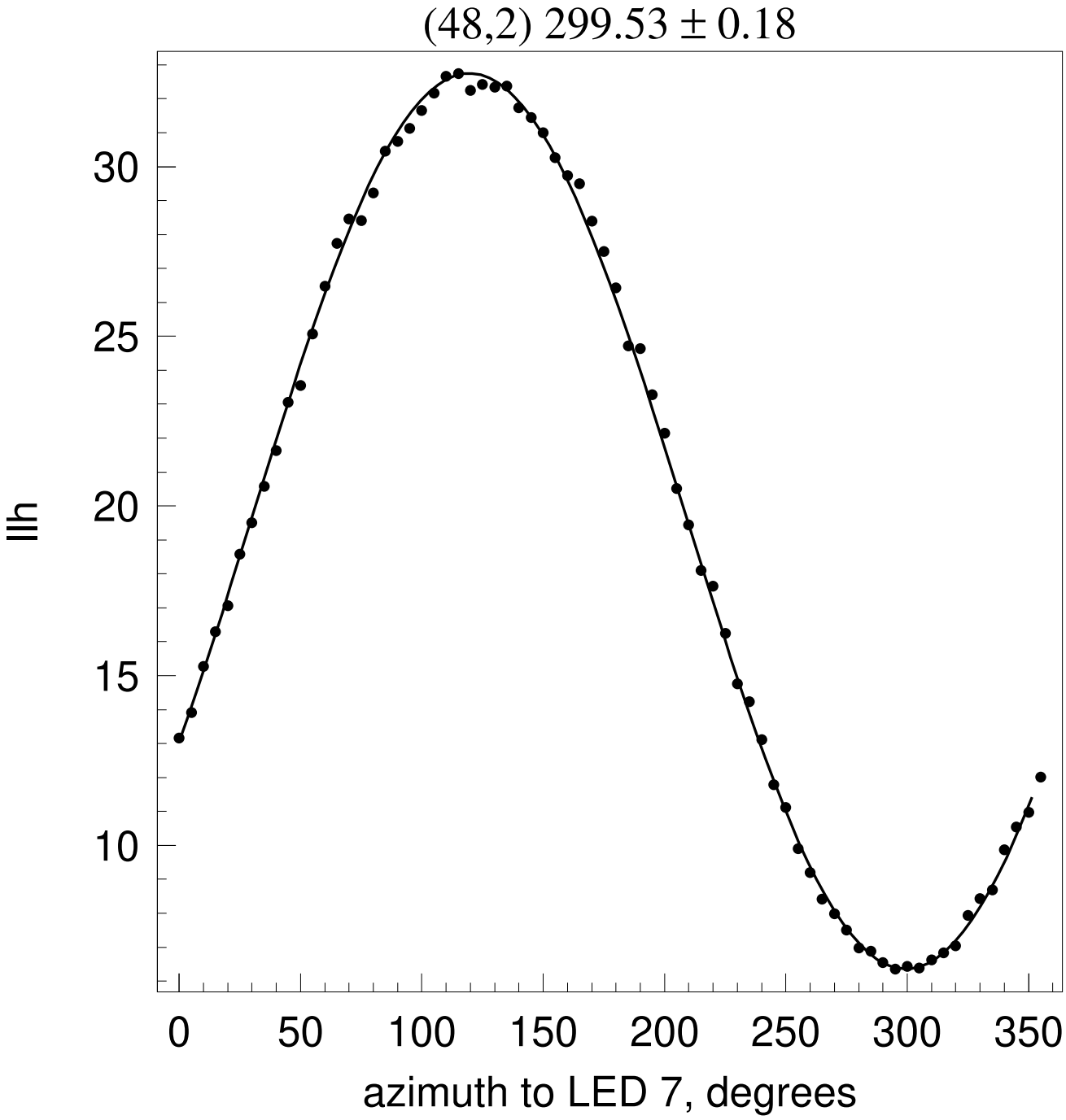

(47,57) 346.87 ± 0.73
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

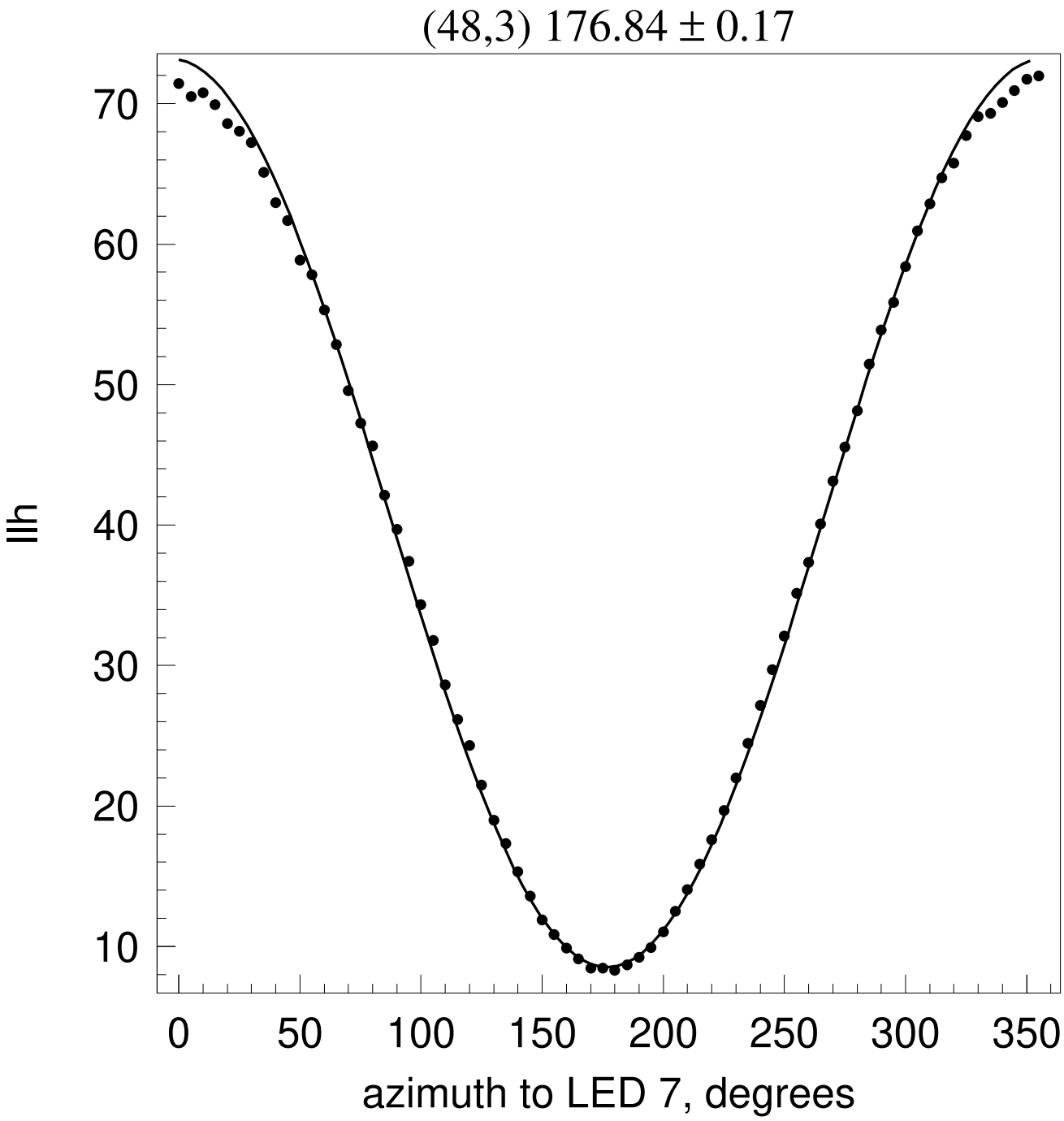

(47,58) 207.64 ± 0.79
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

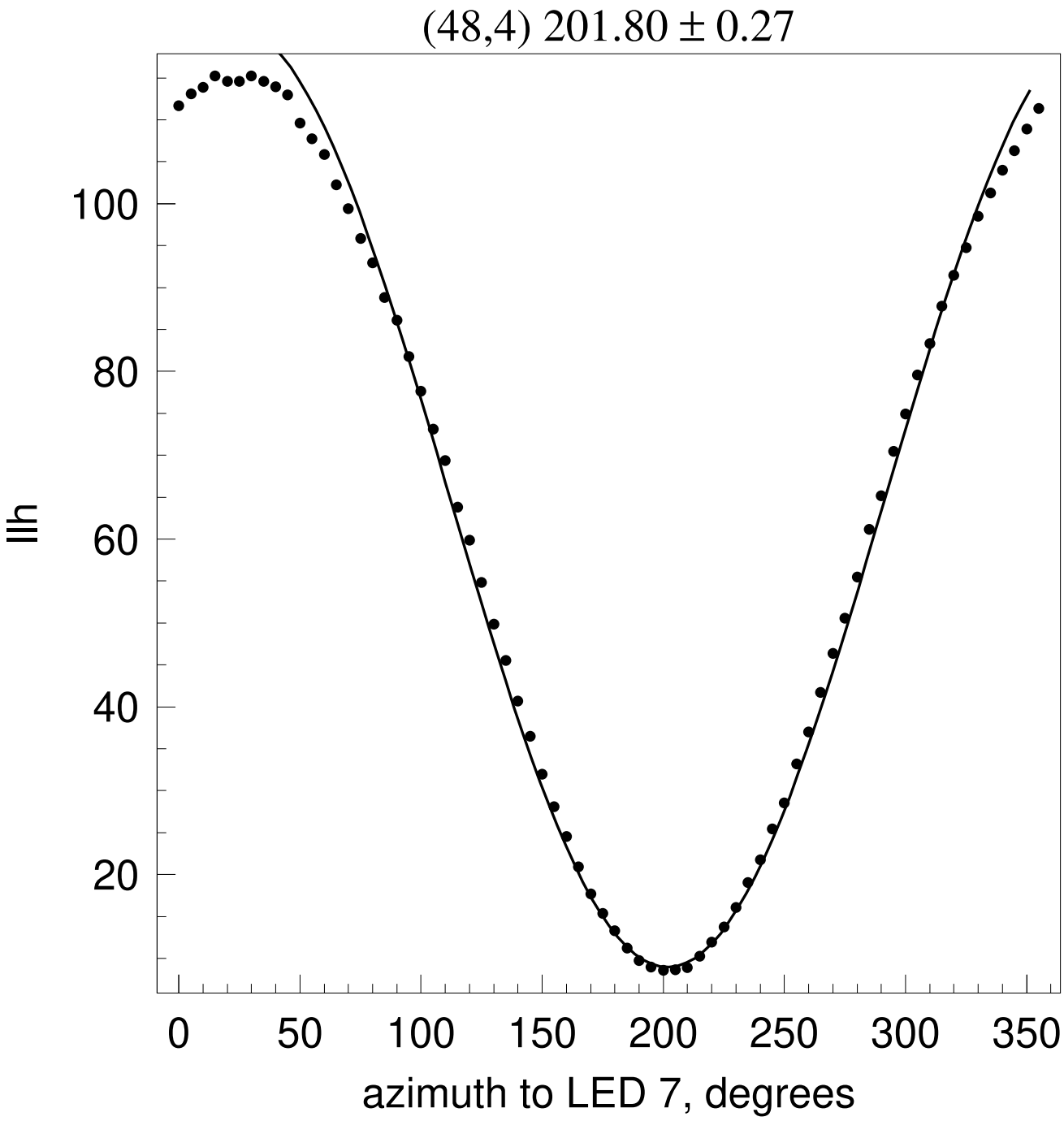

(47,59) 55.92 ± 0.81
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

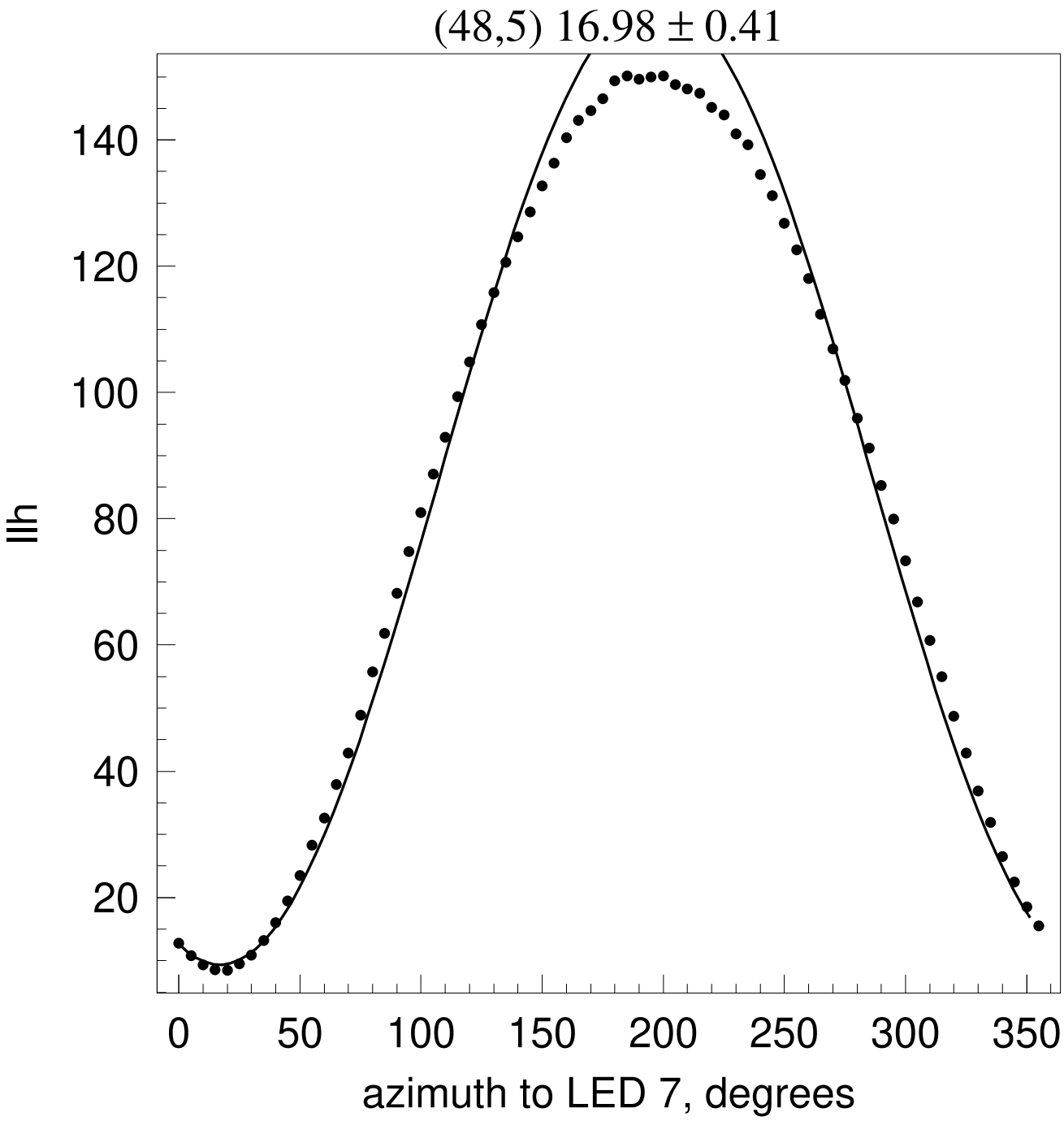

(47,60) 20.27 ± 0.79
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

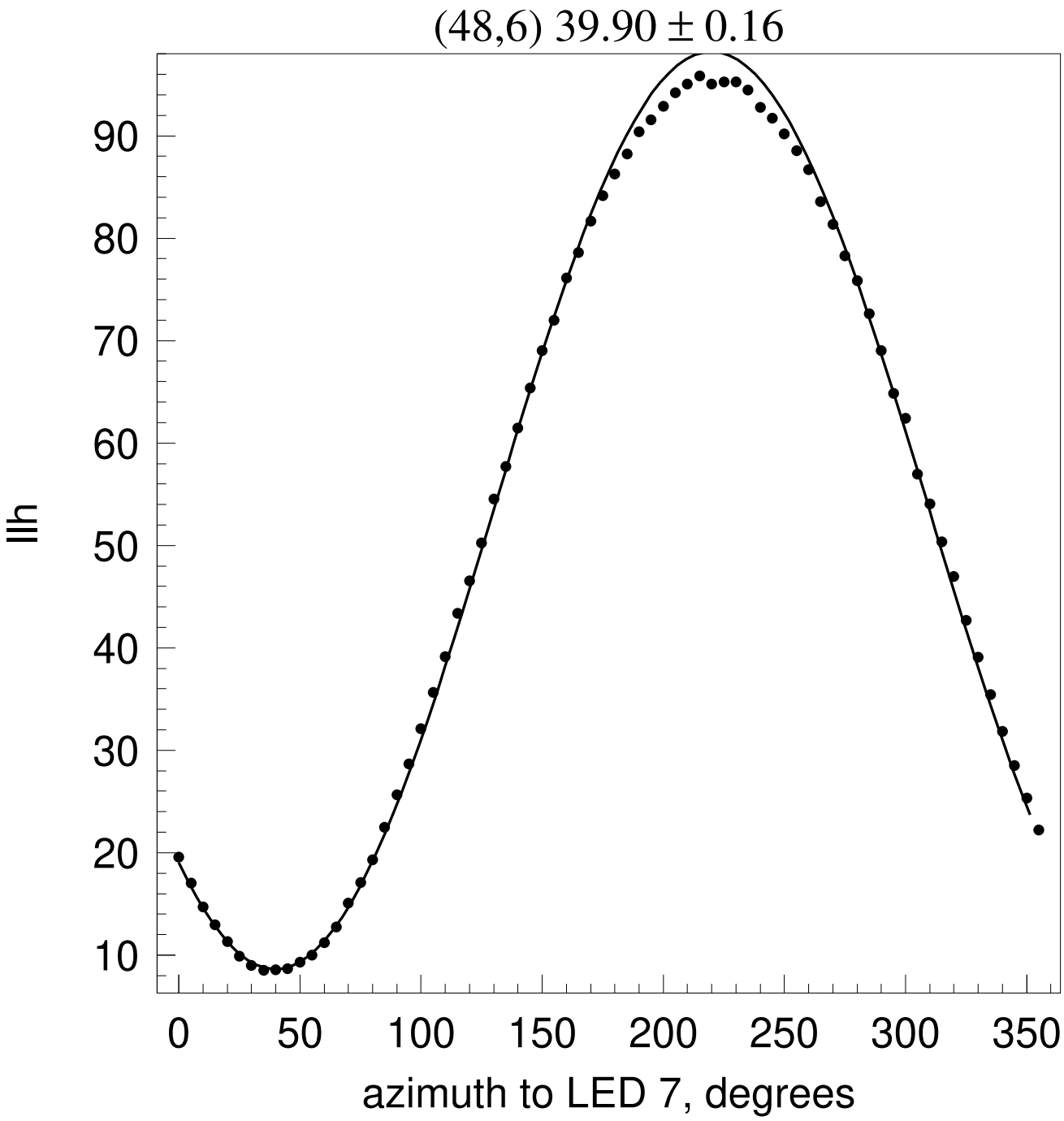

(48,1) 310.14 ± 0.26
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

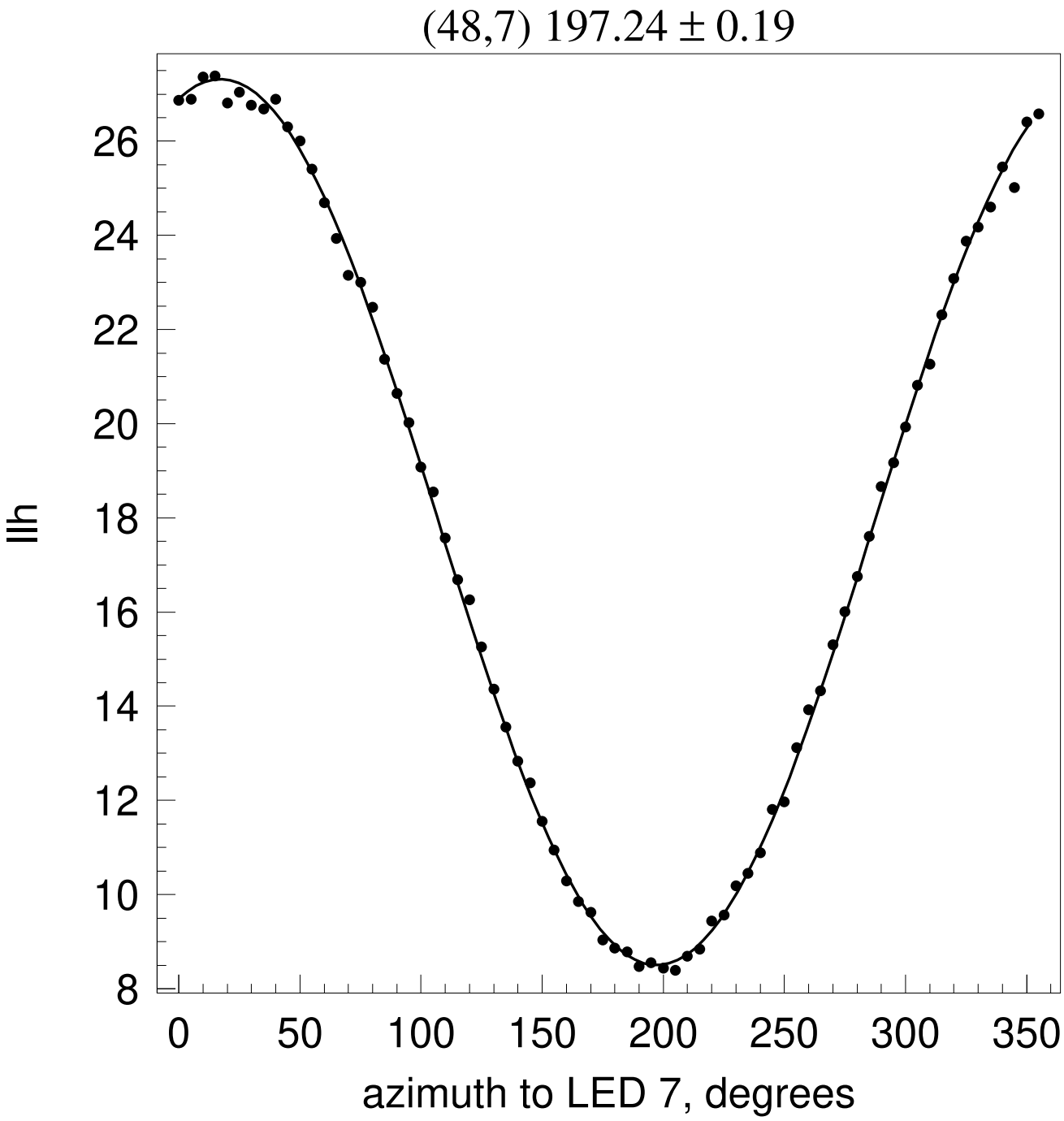

(48,2) 299.53 ± 0.18
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

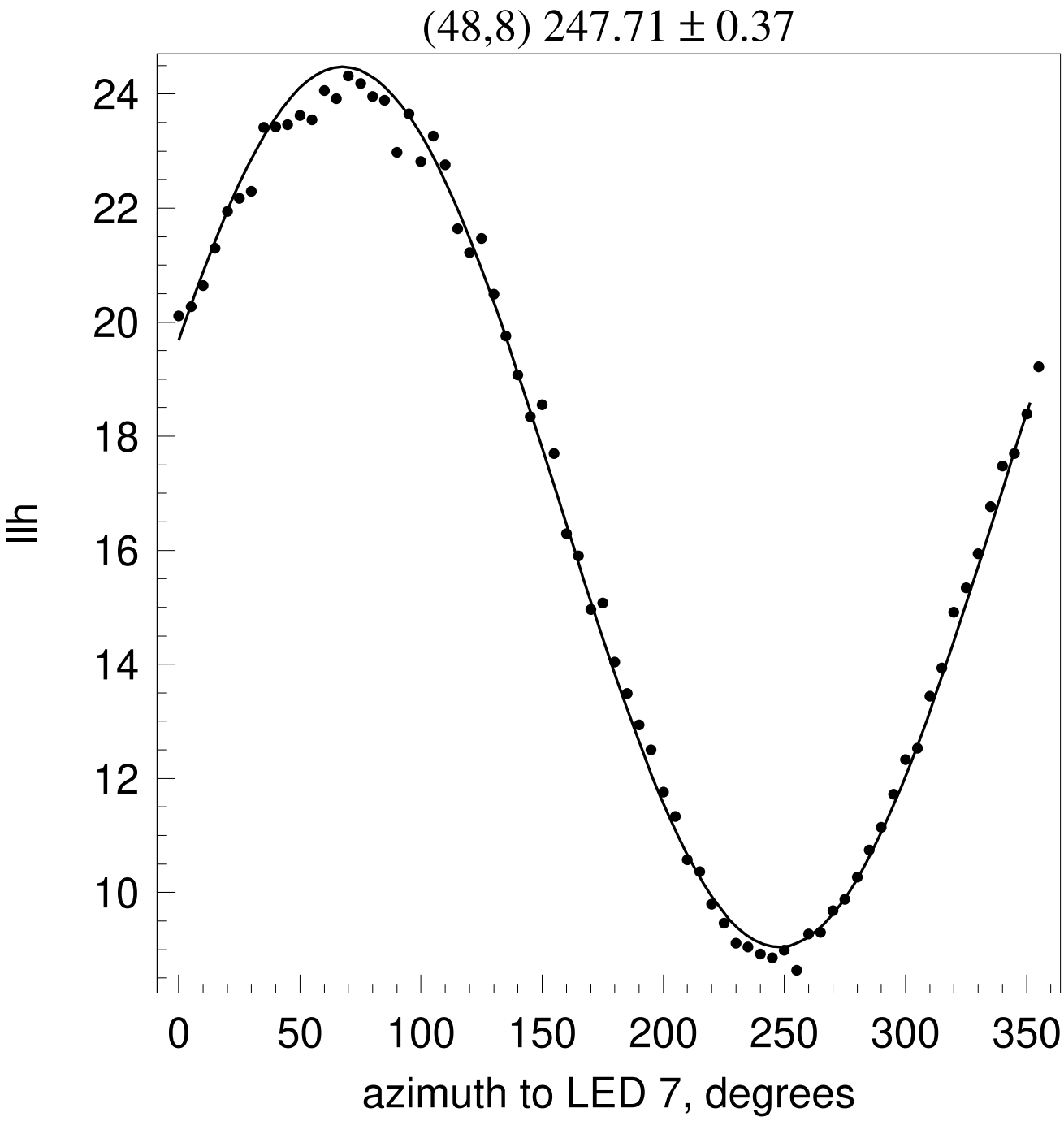

(48,3) 176.84 ± 0.17
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

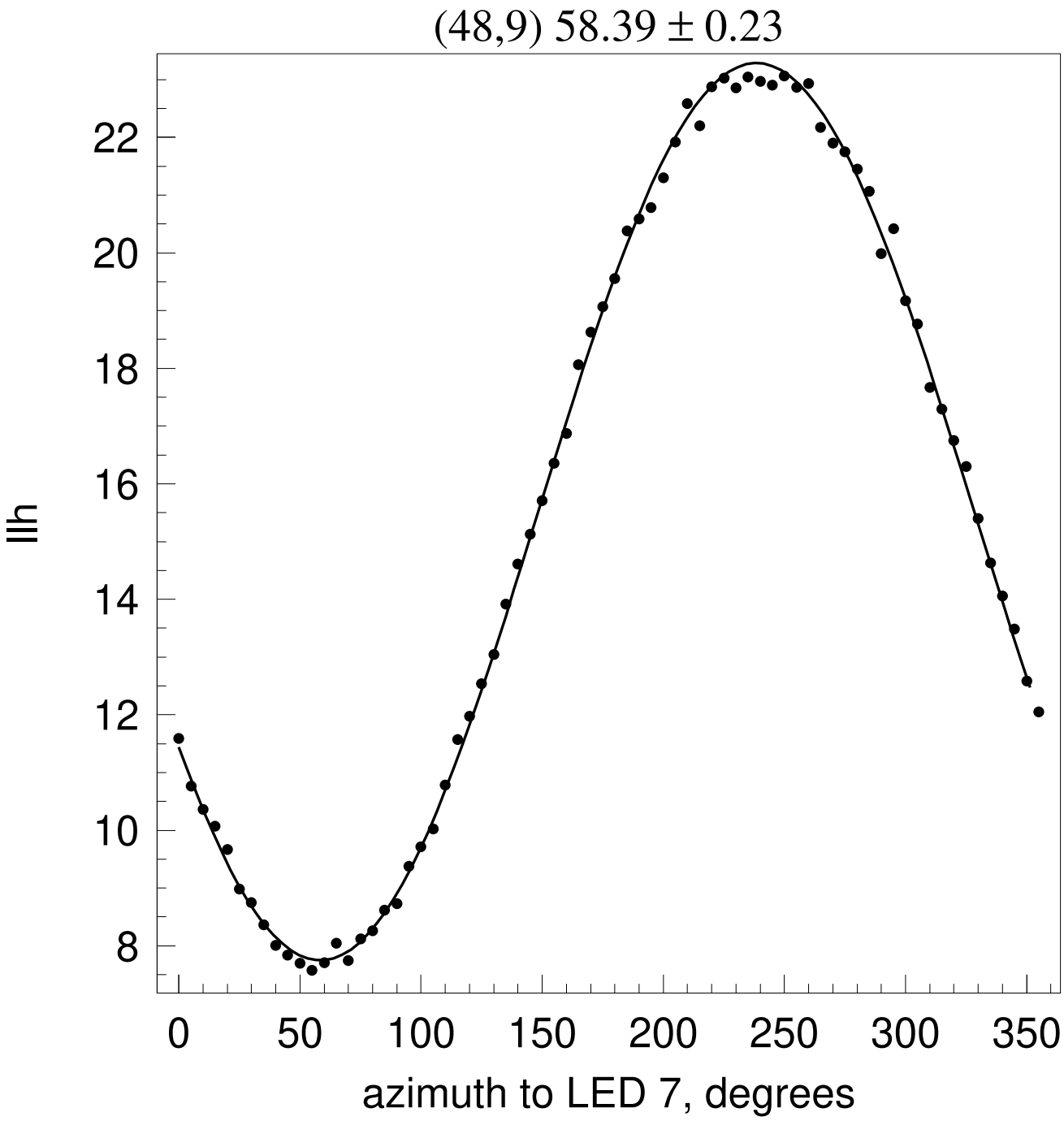

(48,4) 201.80 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

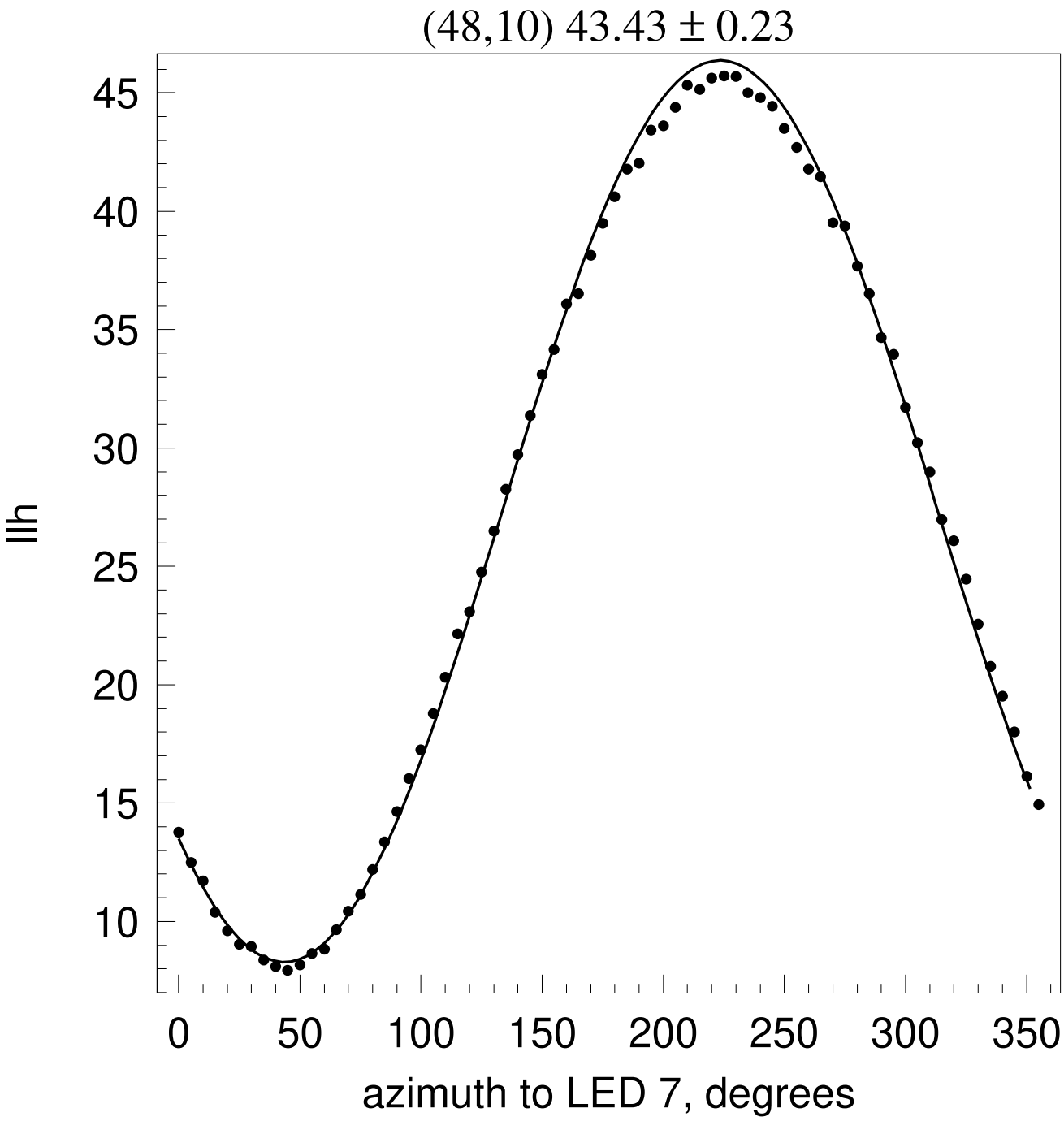

(48,5) 16.98 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

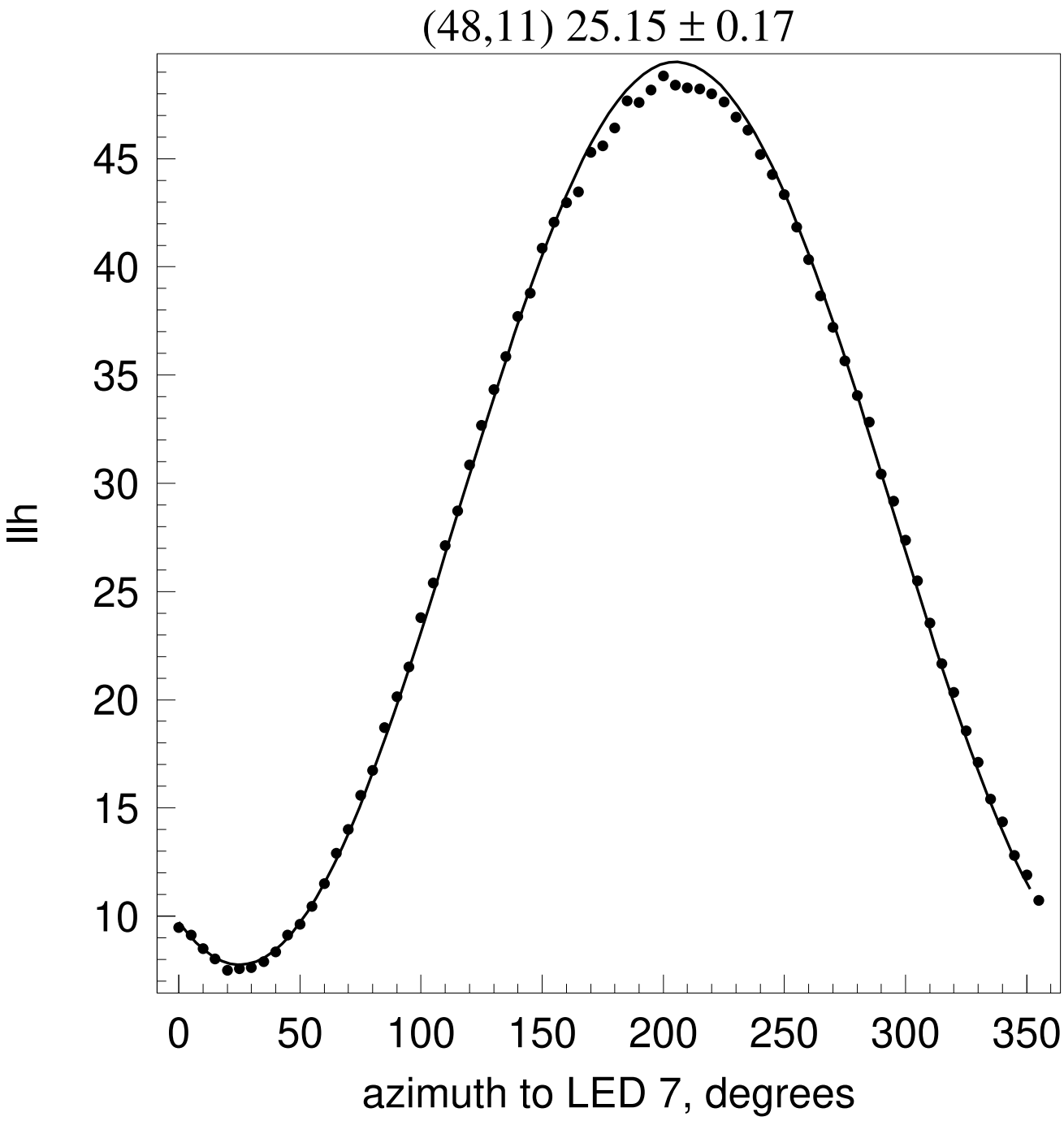

(48,6) 39.90 ± 0.16
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

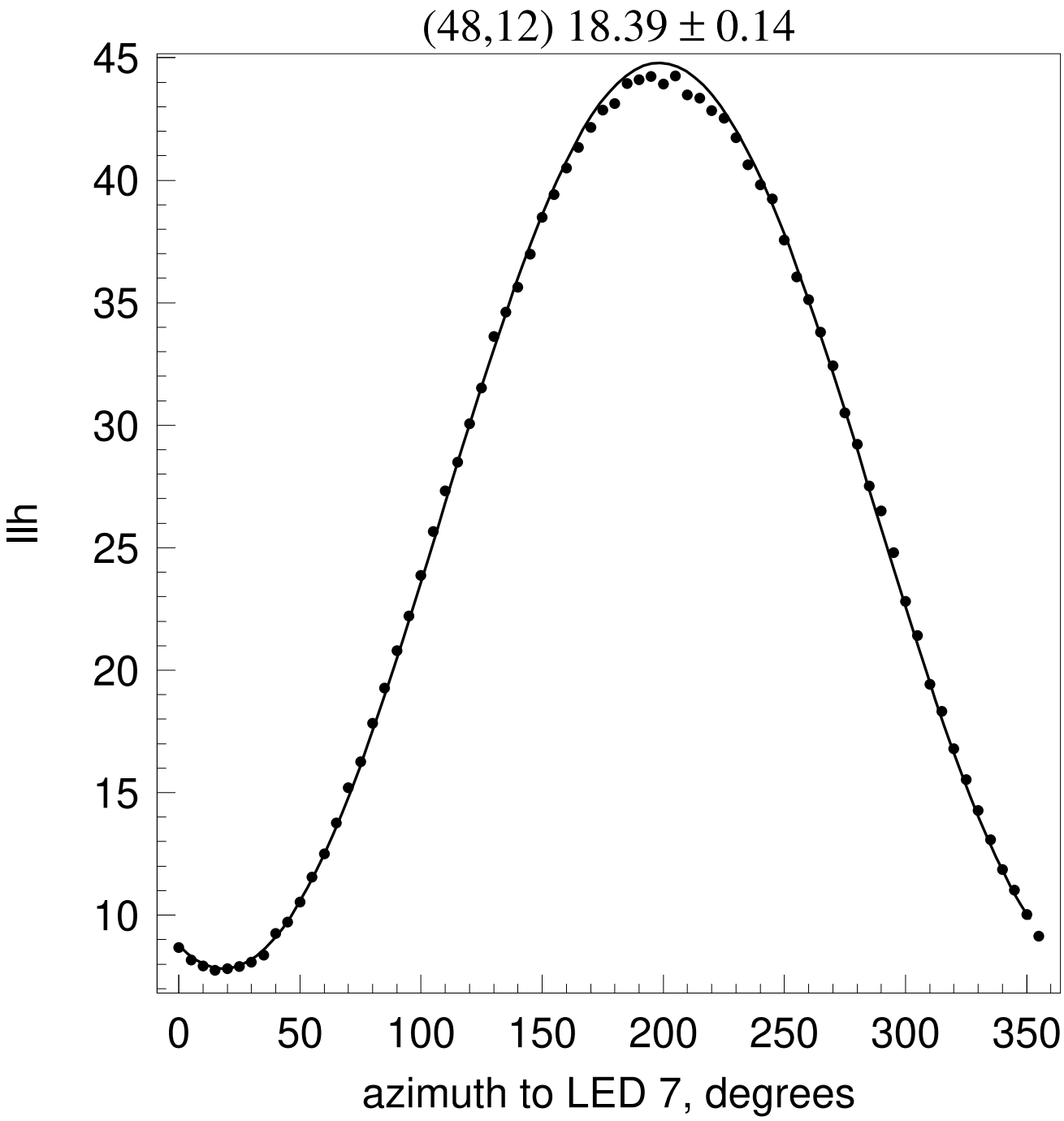

(48,7) 197.24 ± 0.19
26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

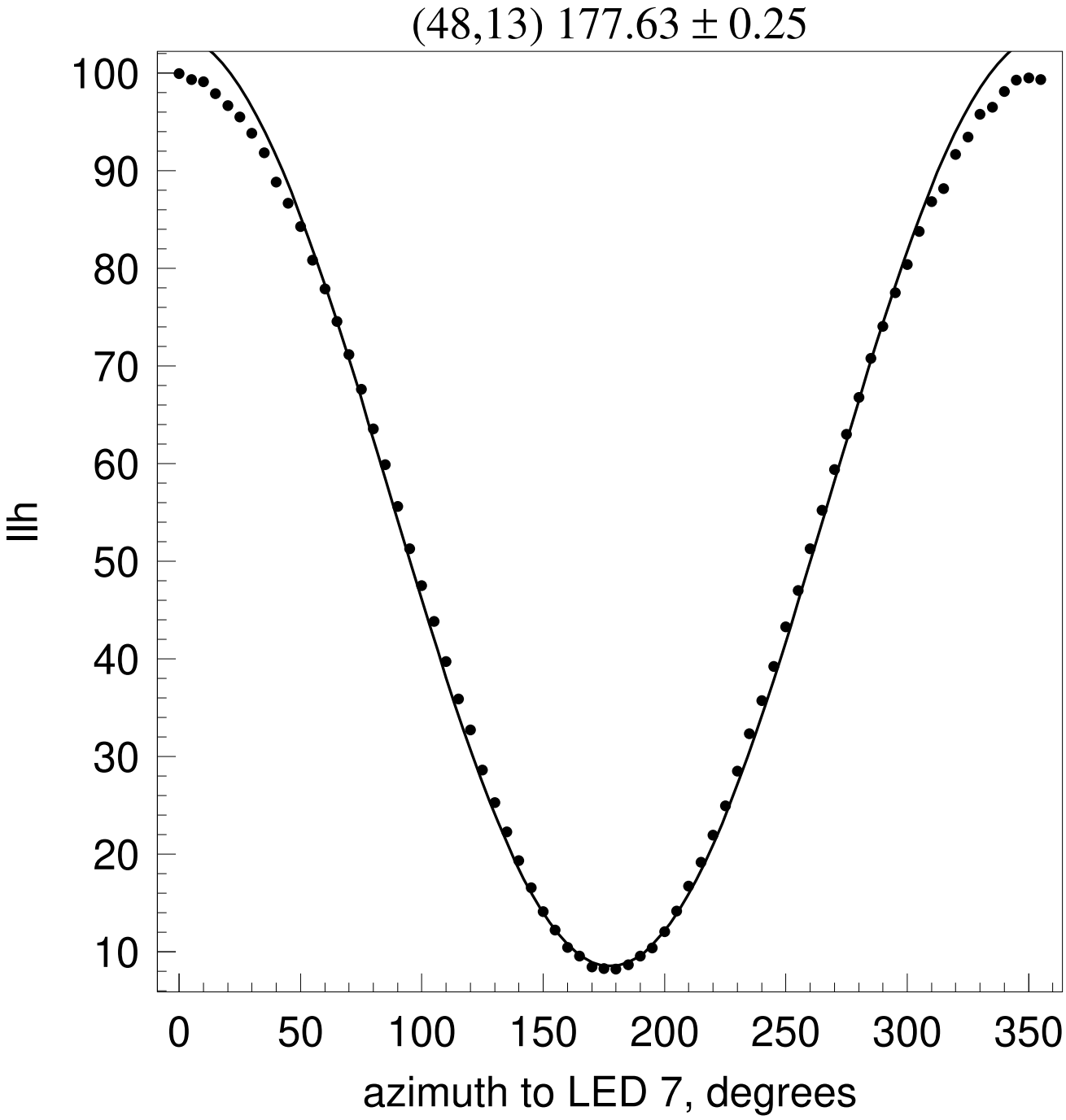

(48,8) 247.71 ± 0.37
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

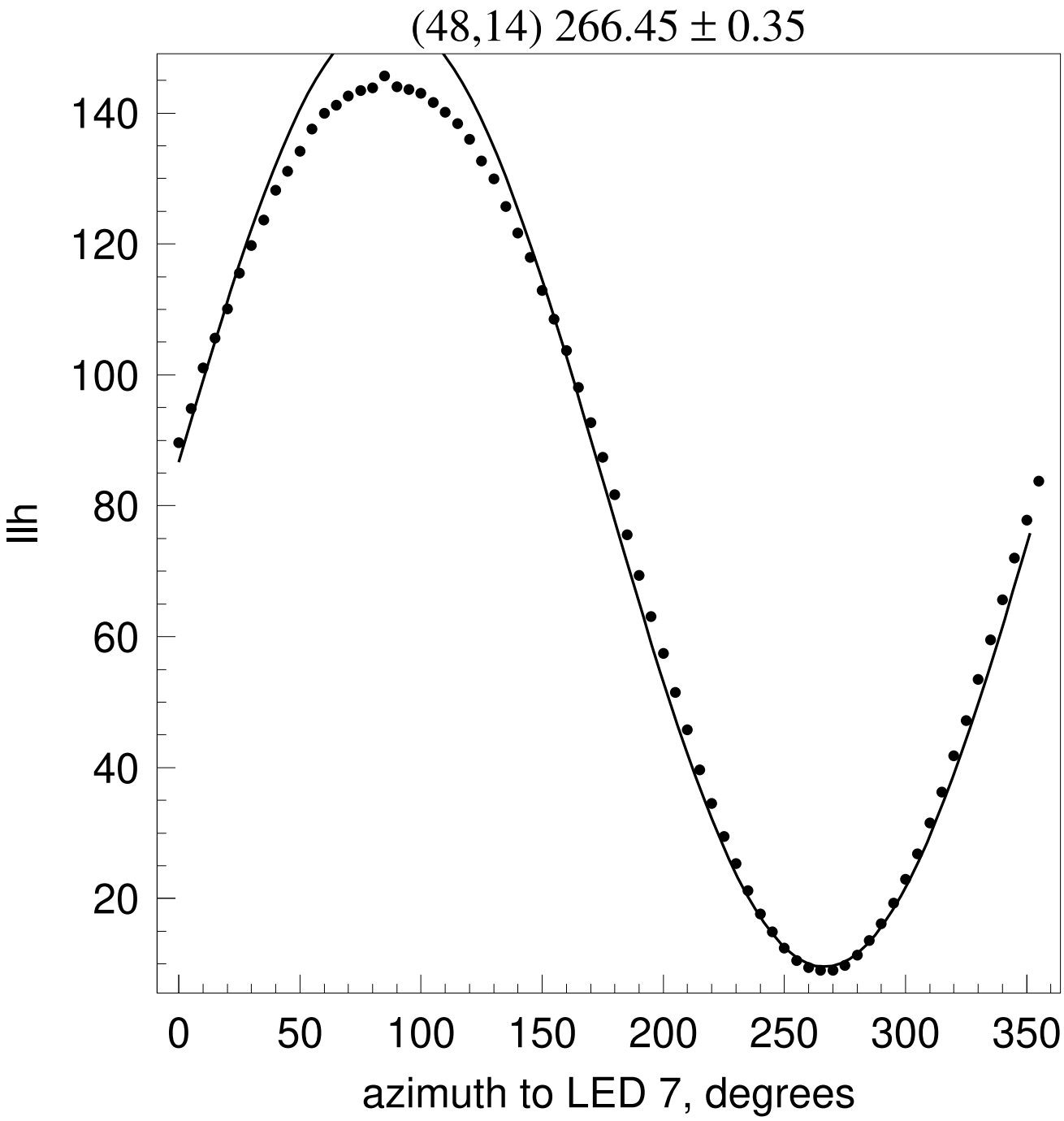

(48,9) 58.39 ± 0.23
llh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

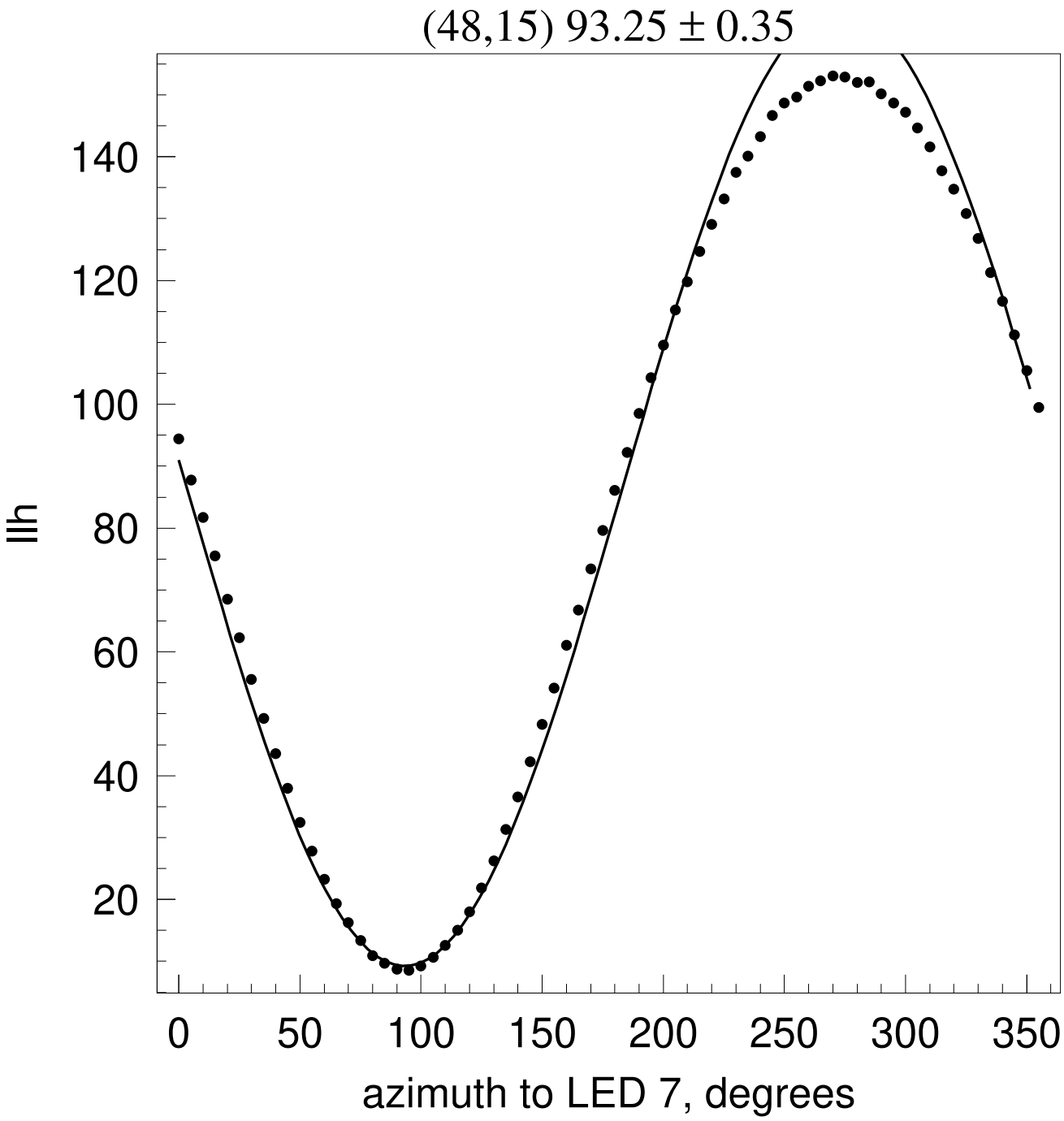

(48,10) 43.43 ± 0.23
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

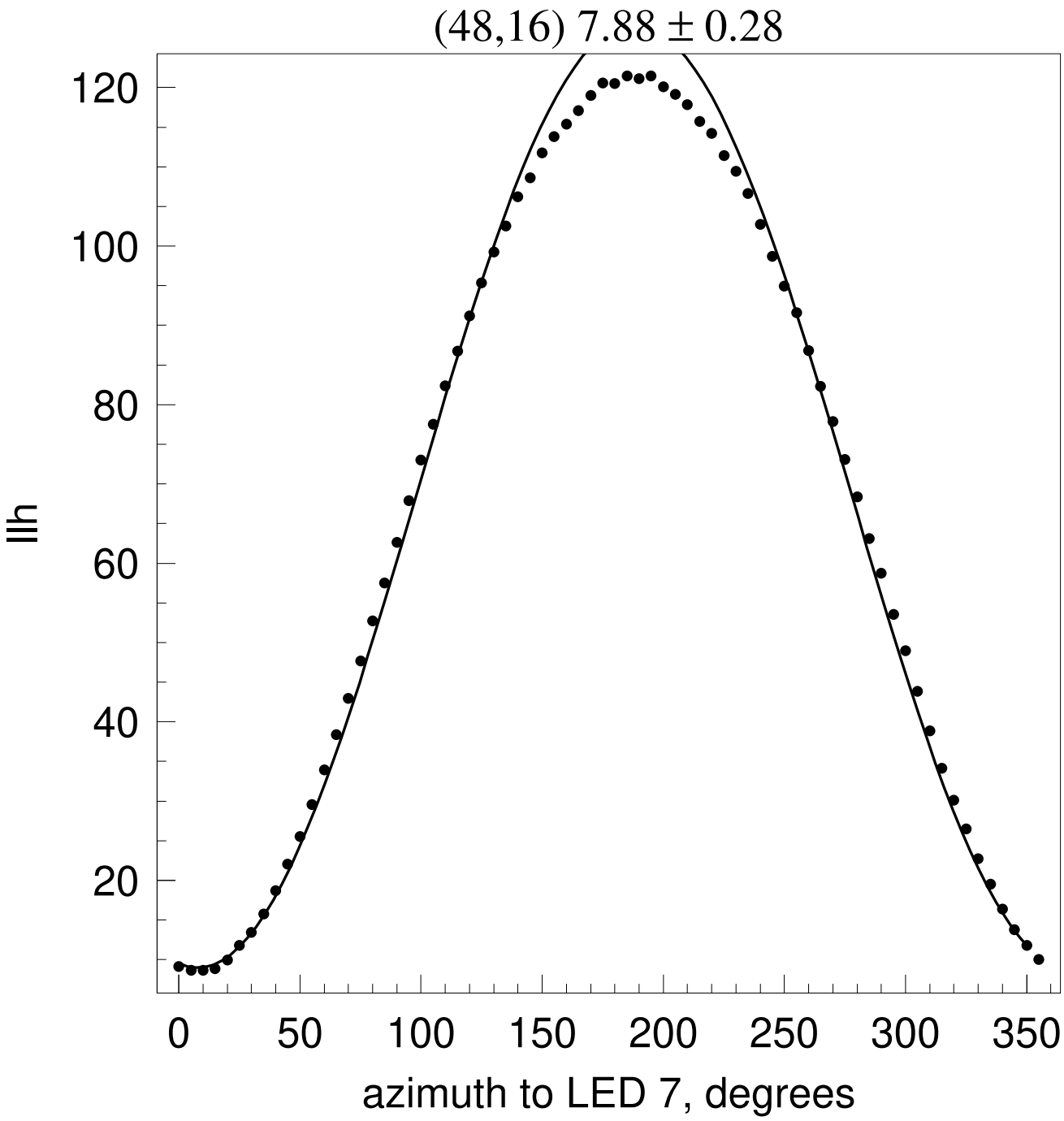

(48,11) 25.15 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

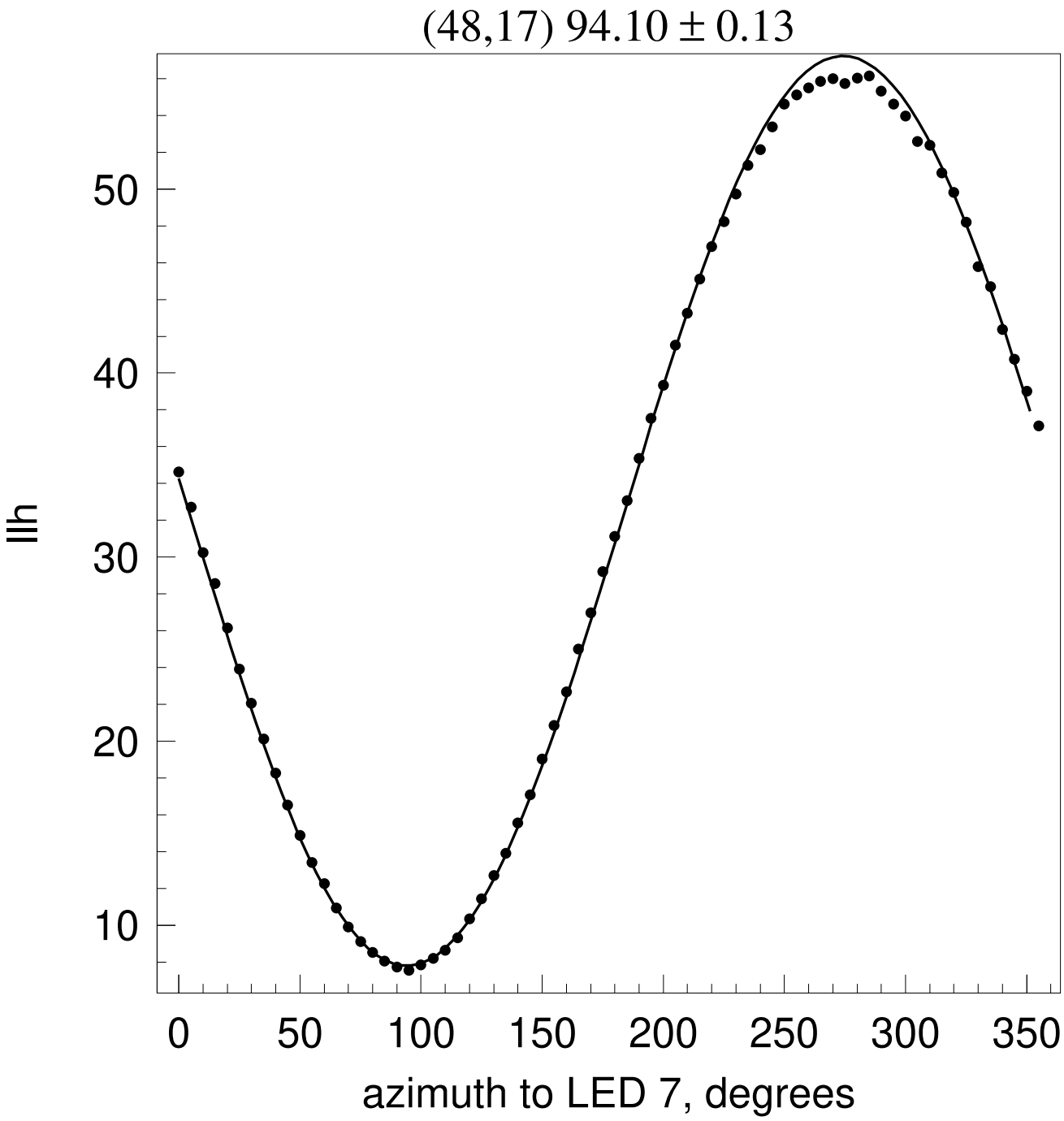

(48,12) 18.39 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

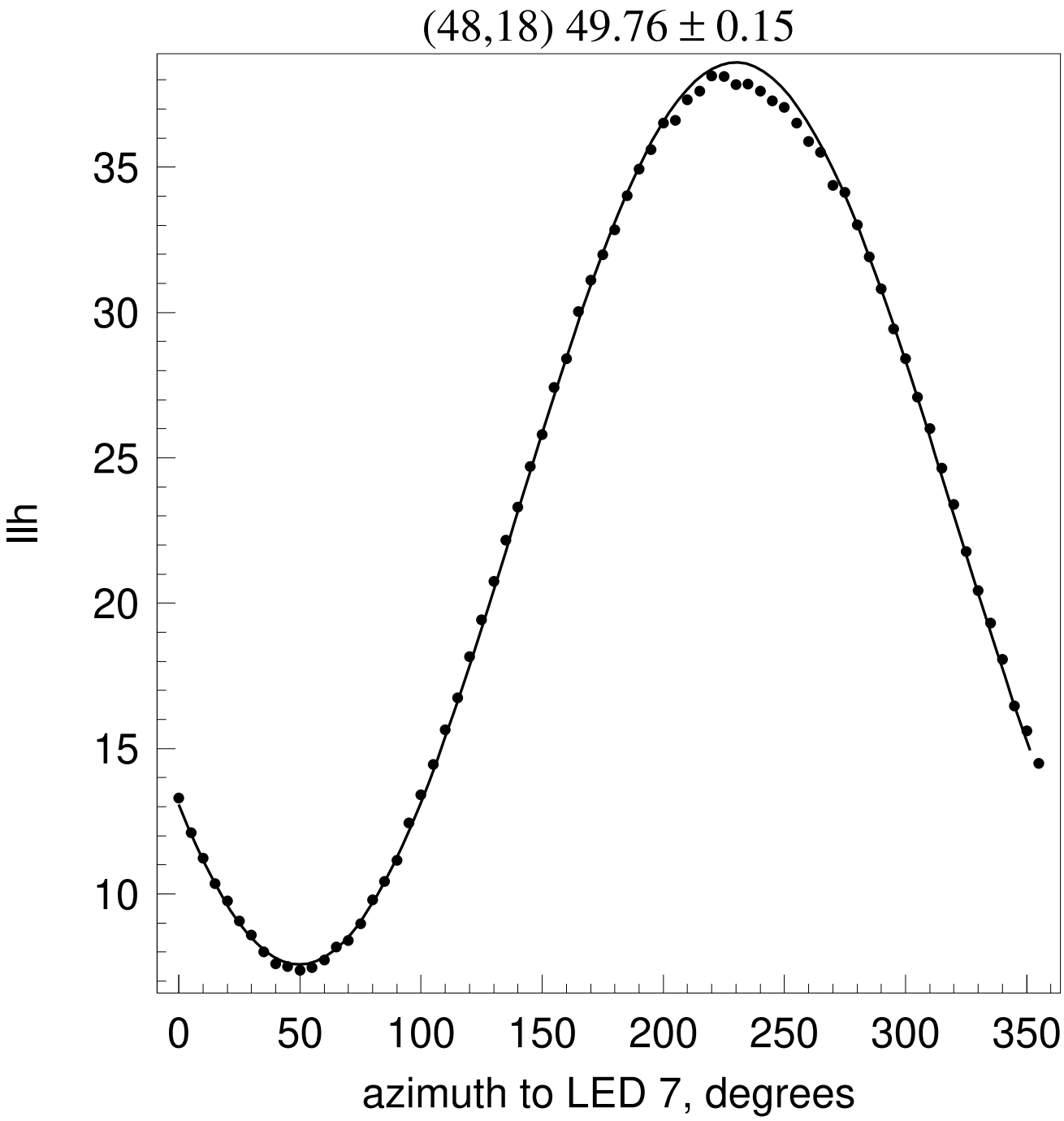

(48,13) 177.63 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

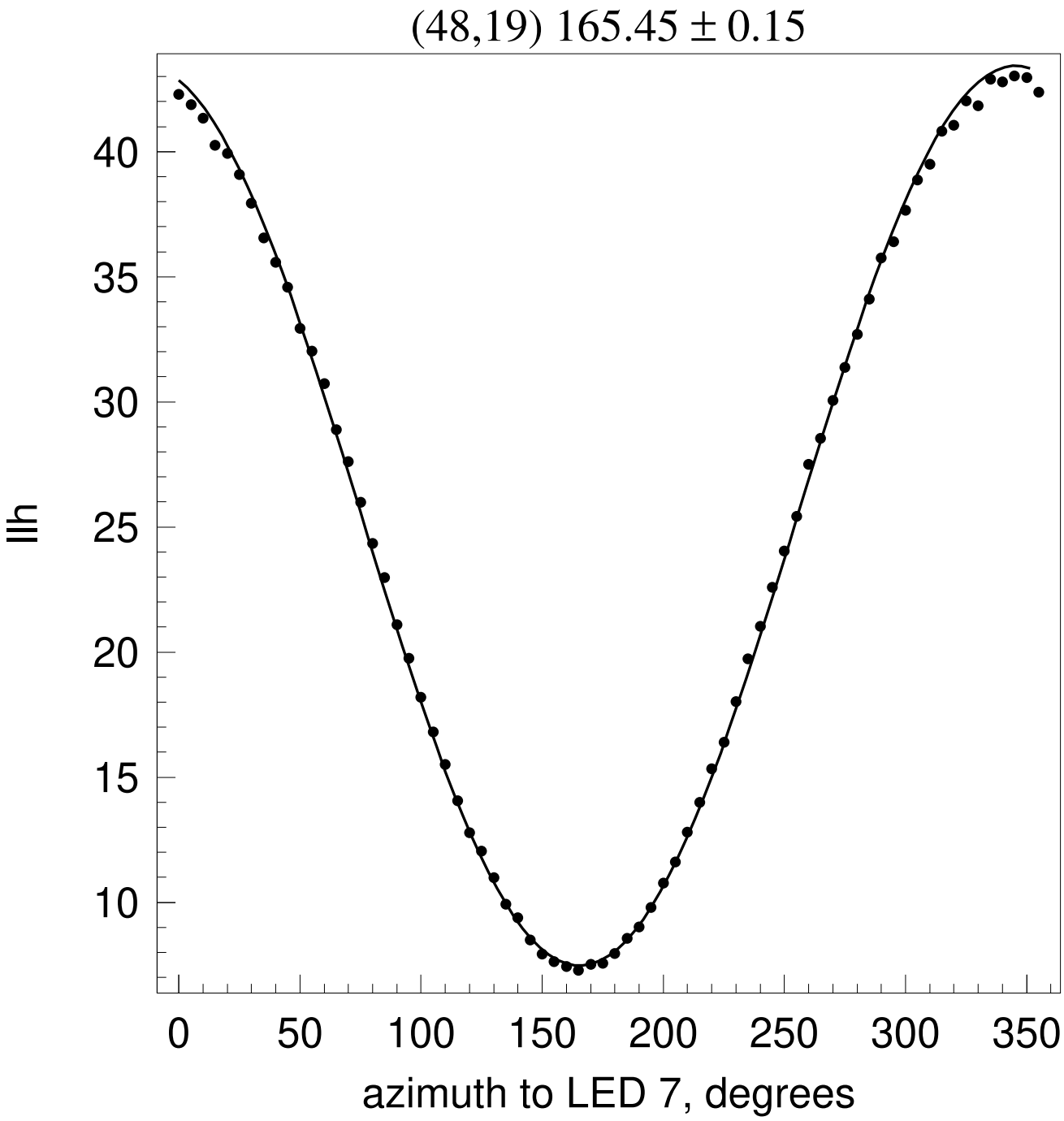

(48,14) 266.45 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

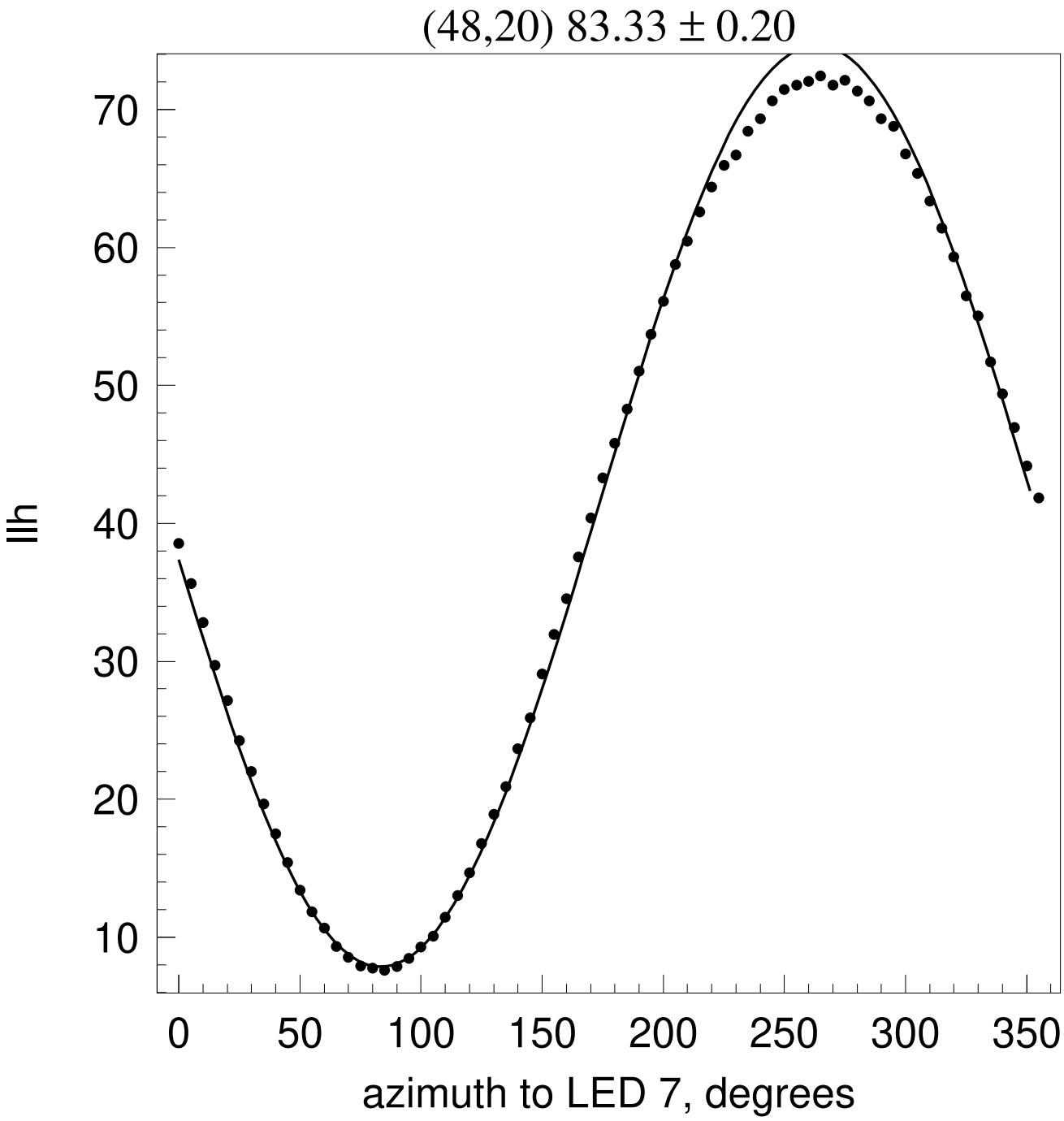

(48,15) 93.25 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

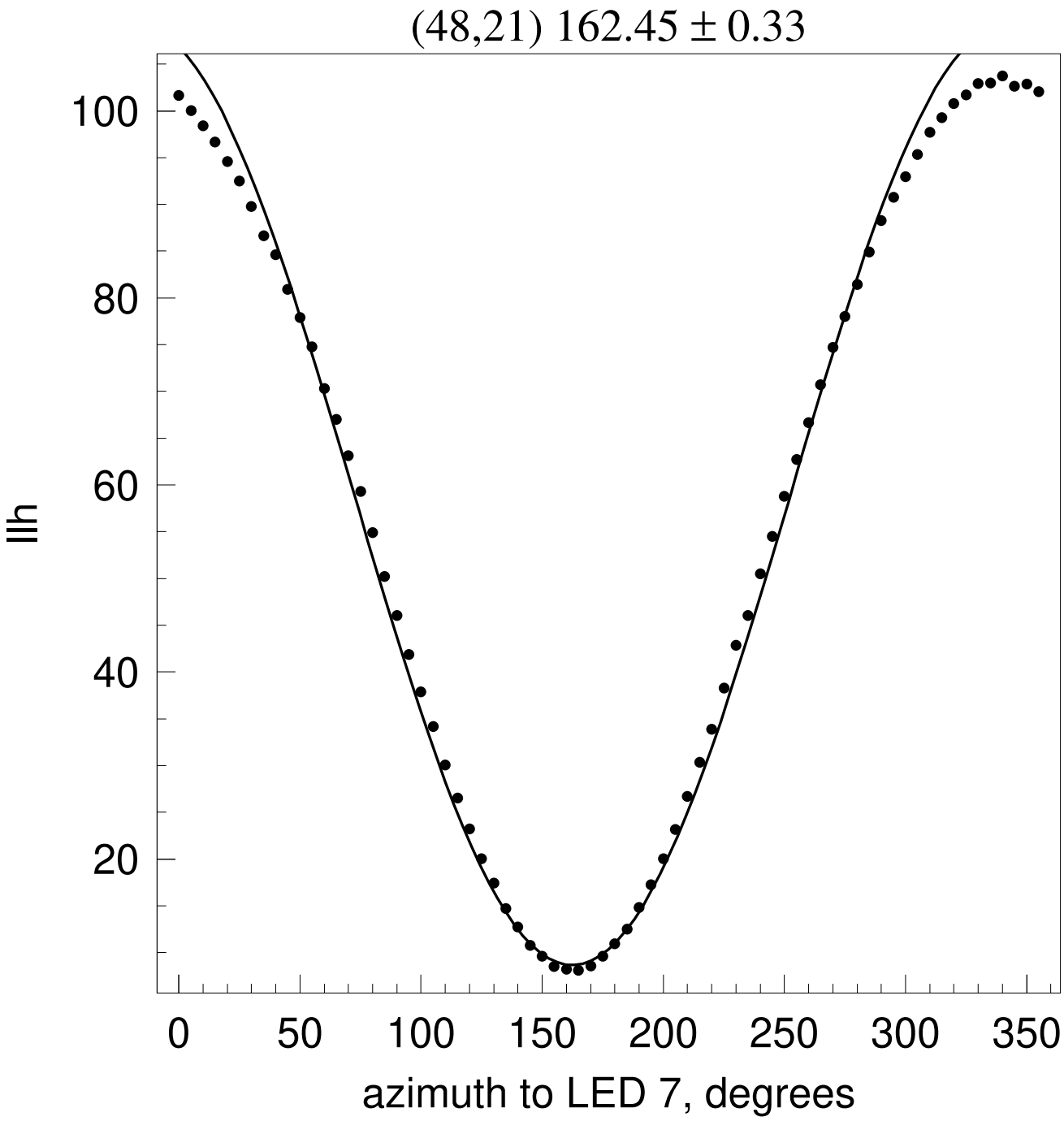

(48,16) 7.88 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

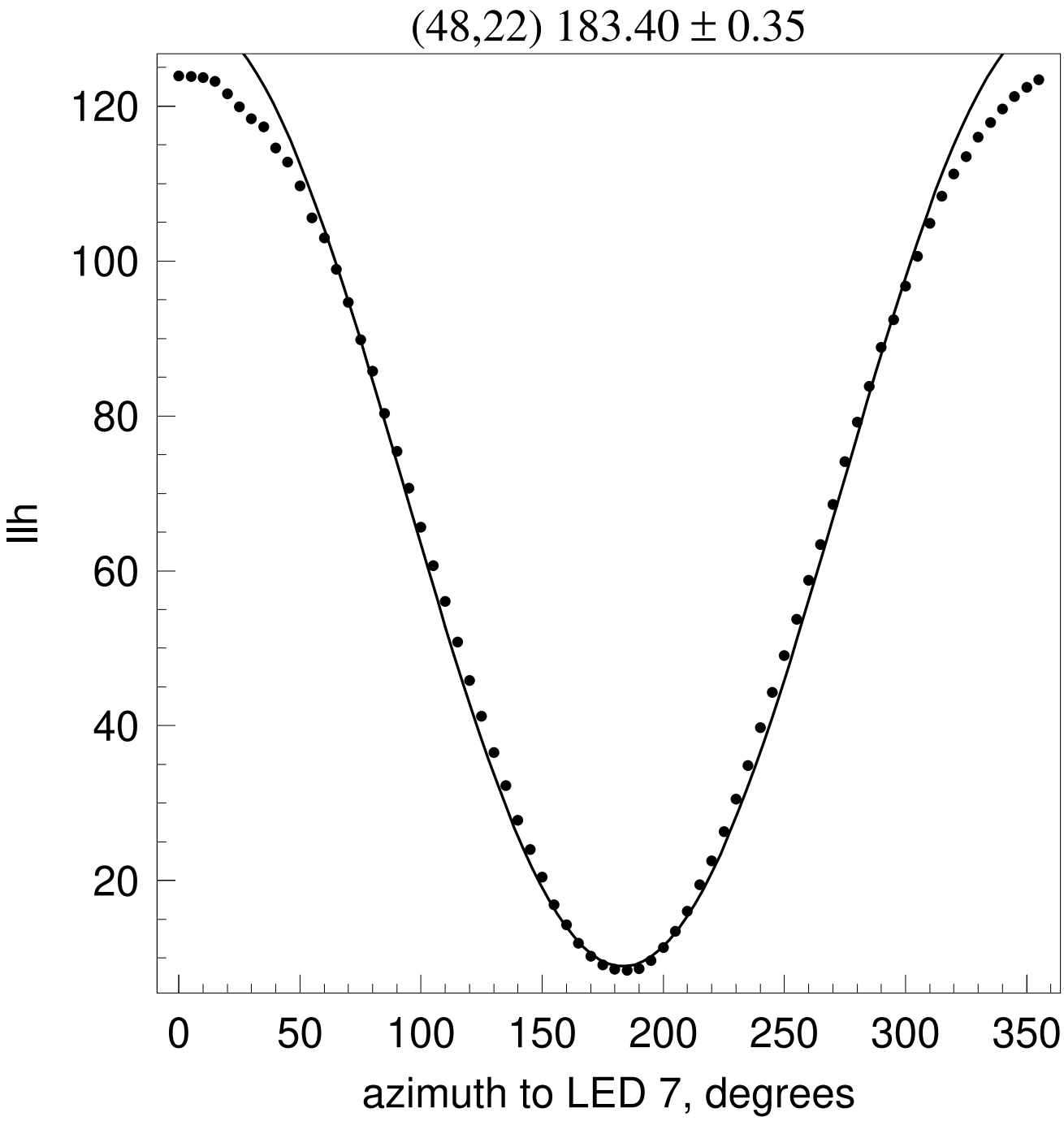

(48,17) 94.10 ± 0.13
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

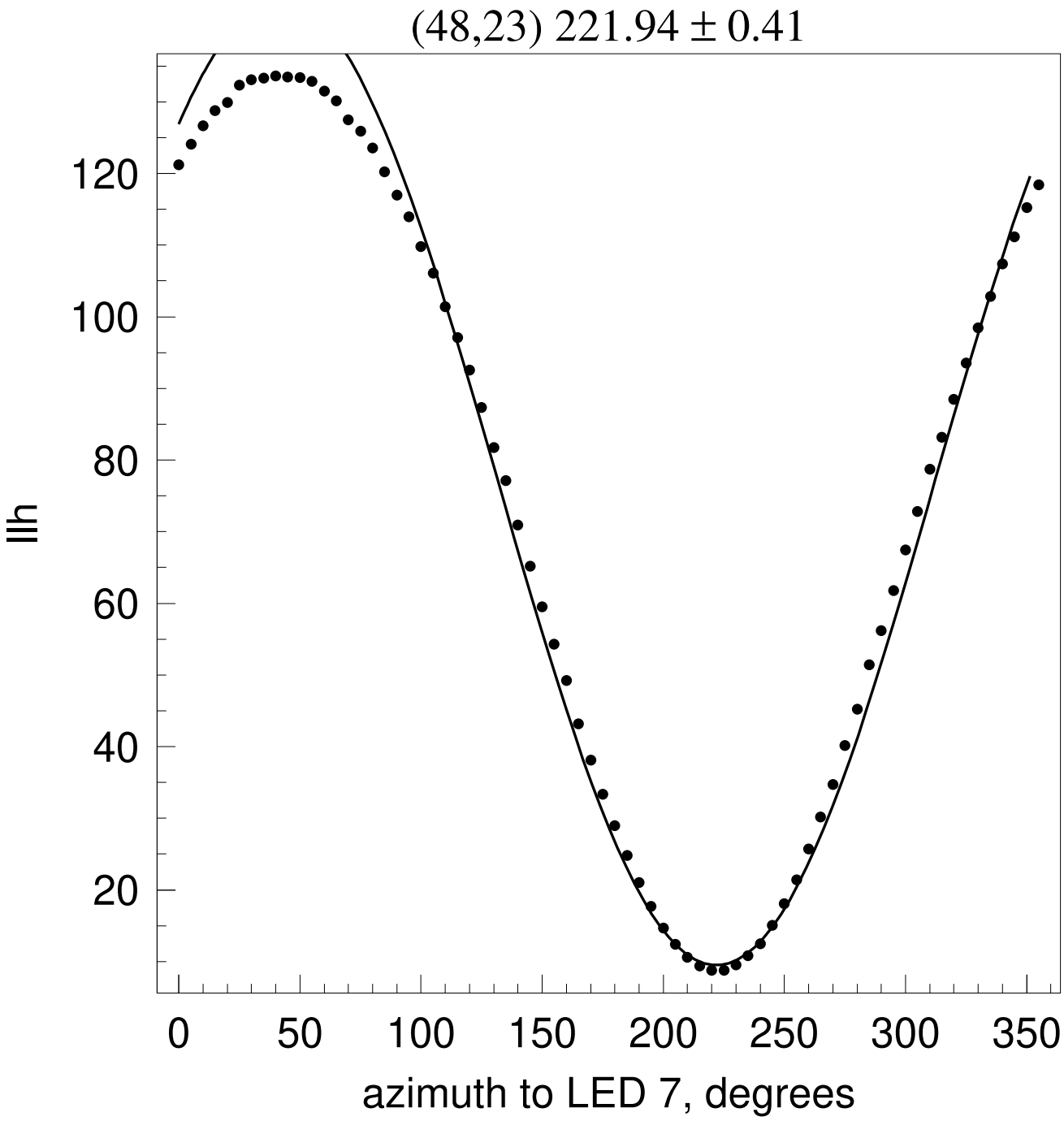

(48,18) 49.76 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

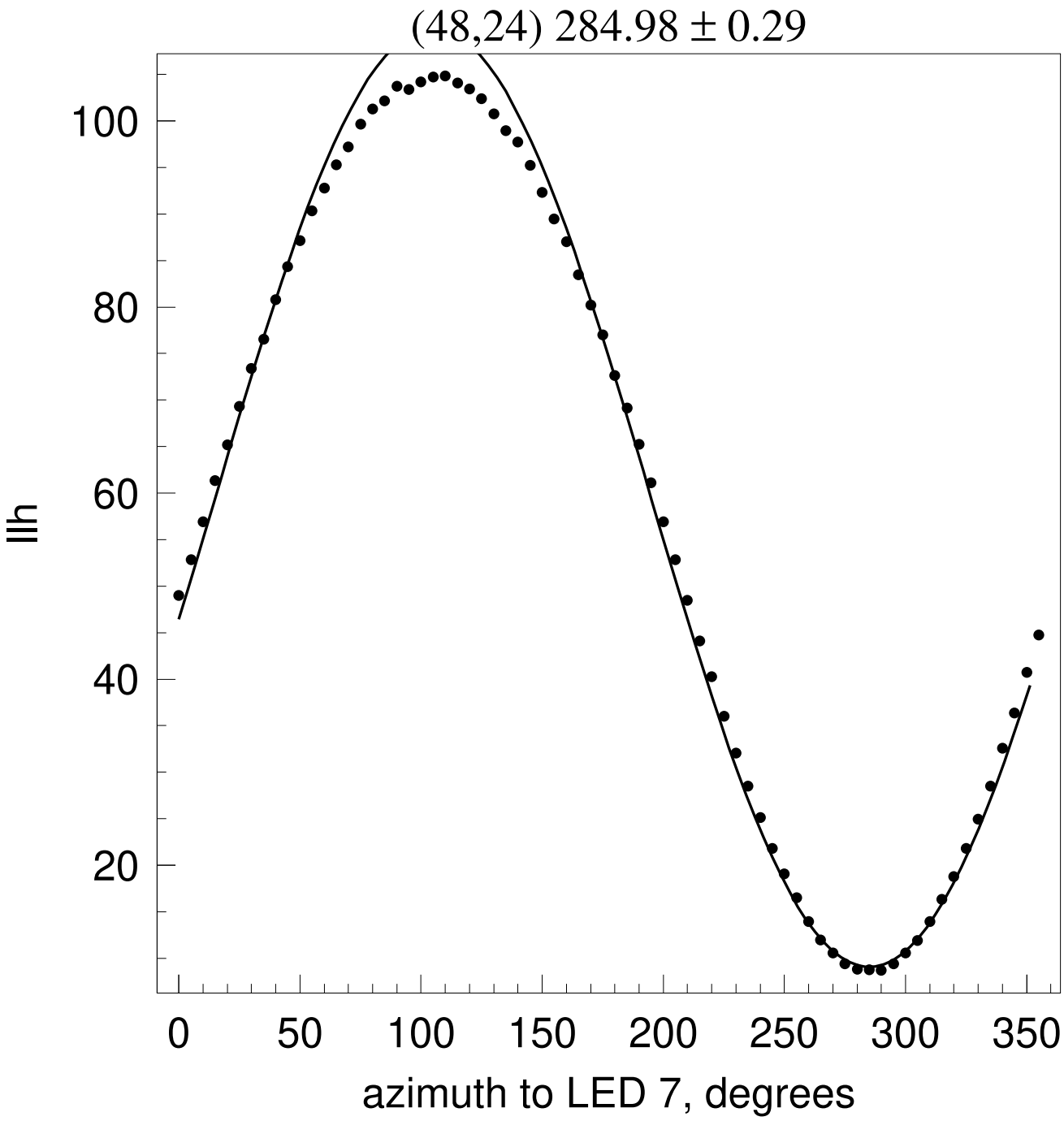

(48,19) 165.45 ± 0.15
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

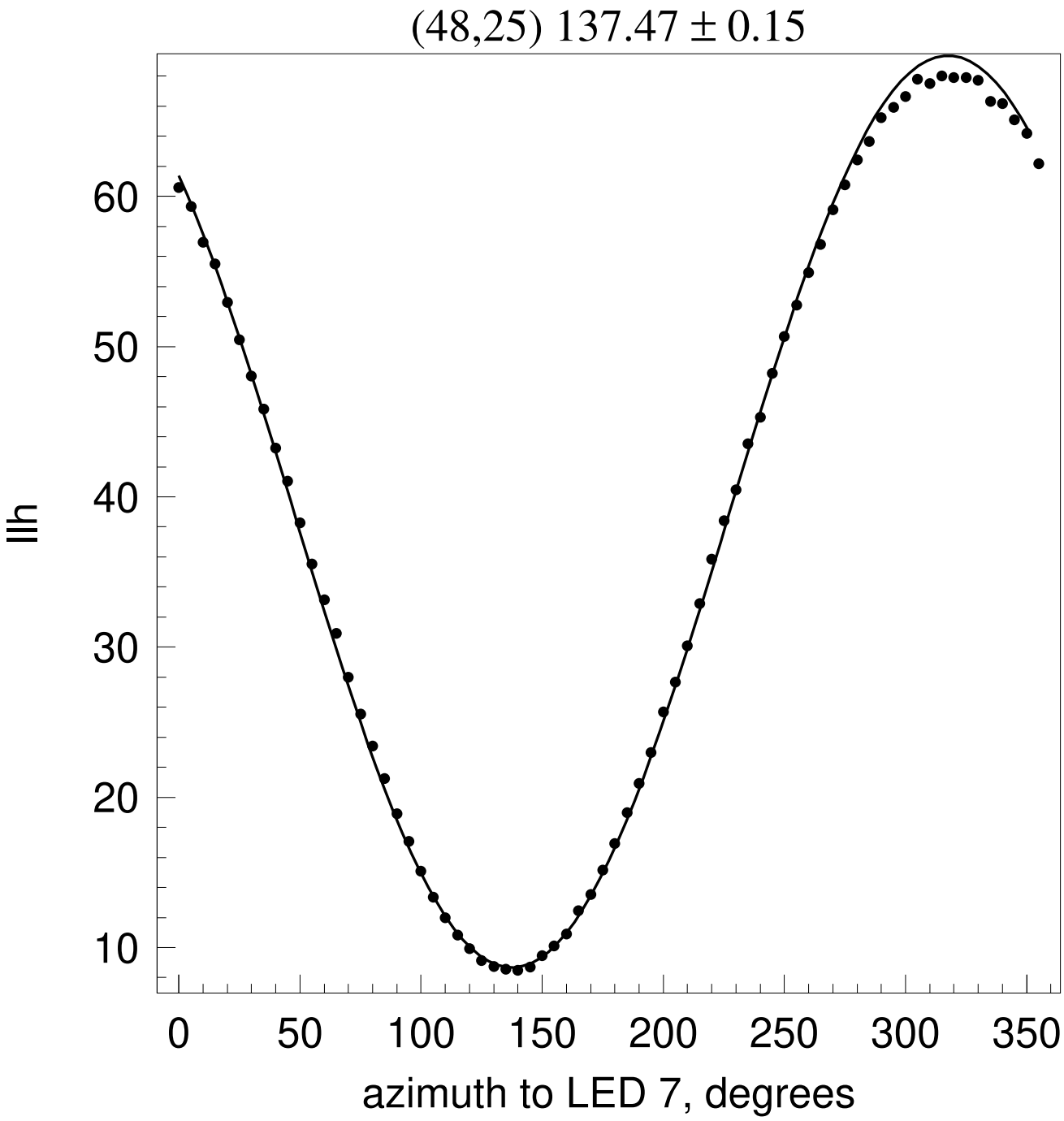

(48,20) 83.33 ± 0.20
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

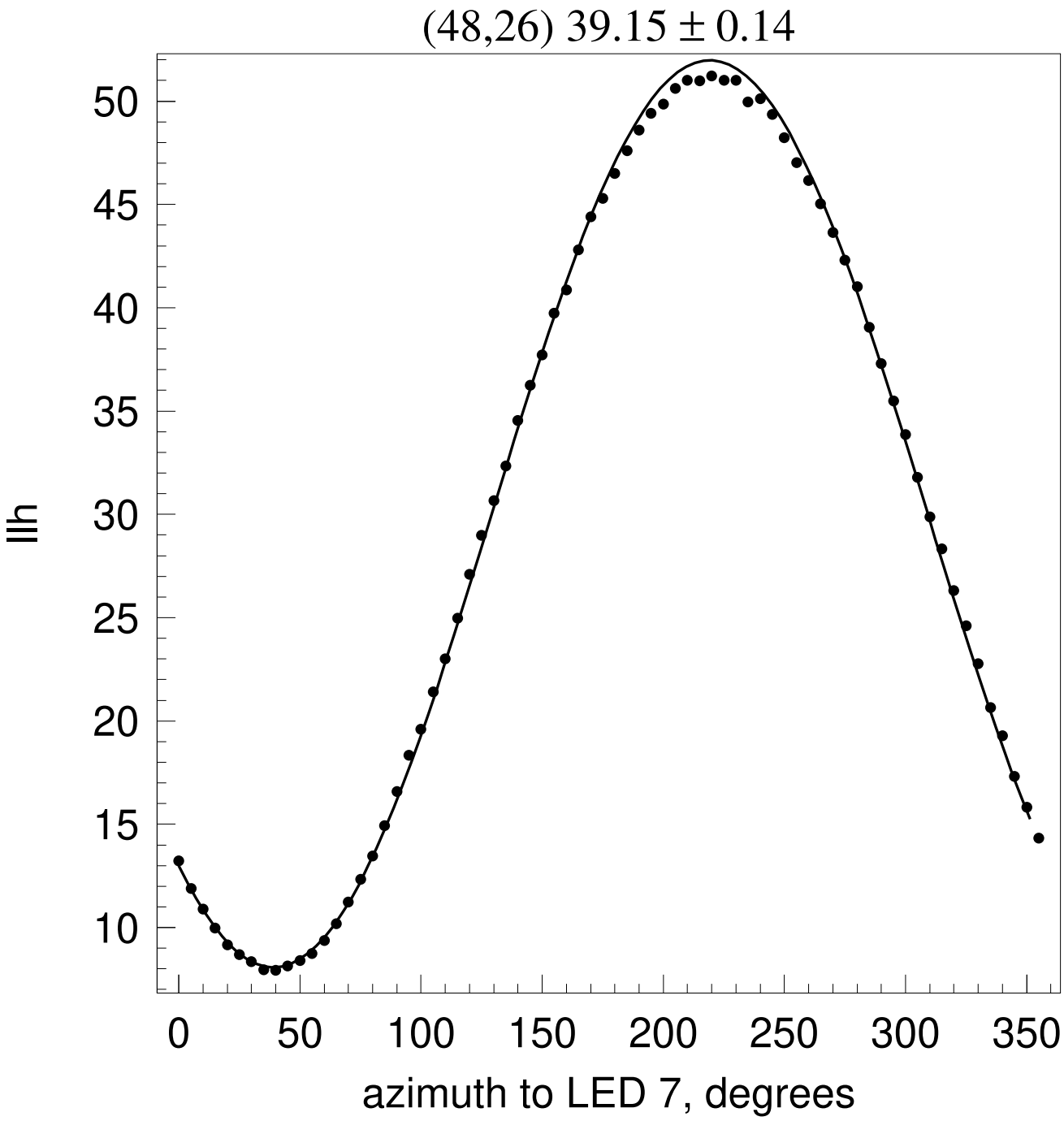

(48,21) 162.45 ± 0.33
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

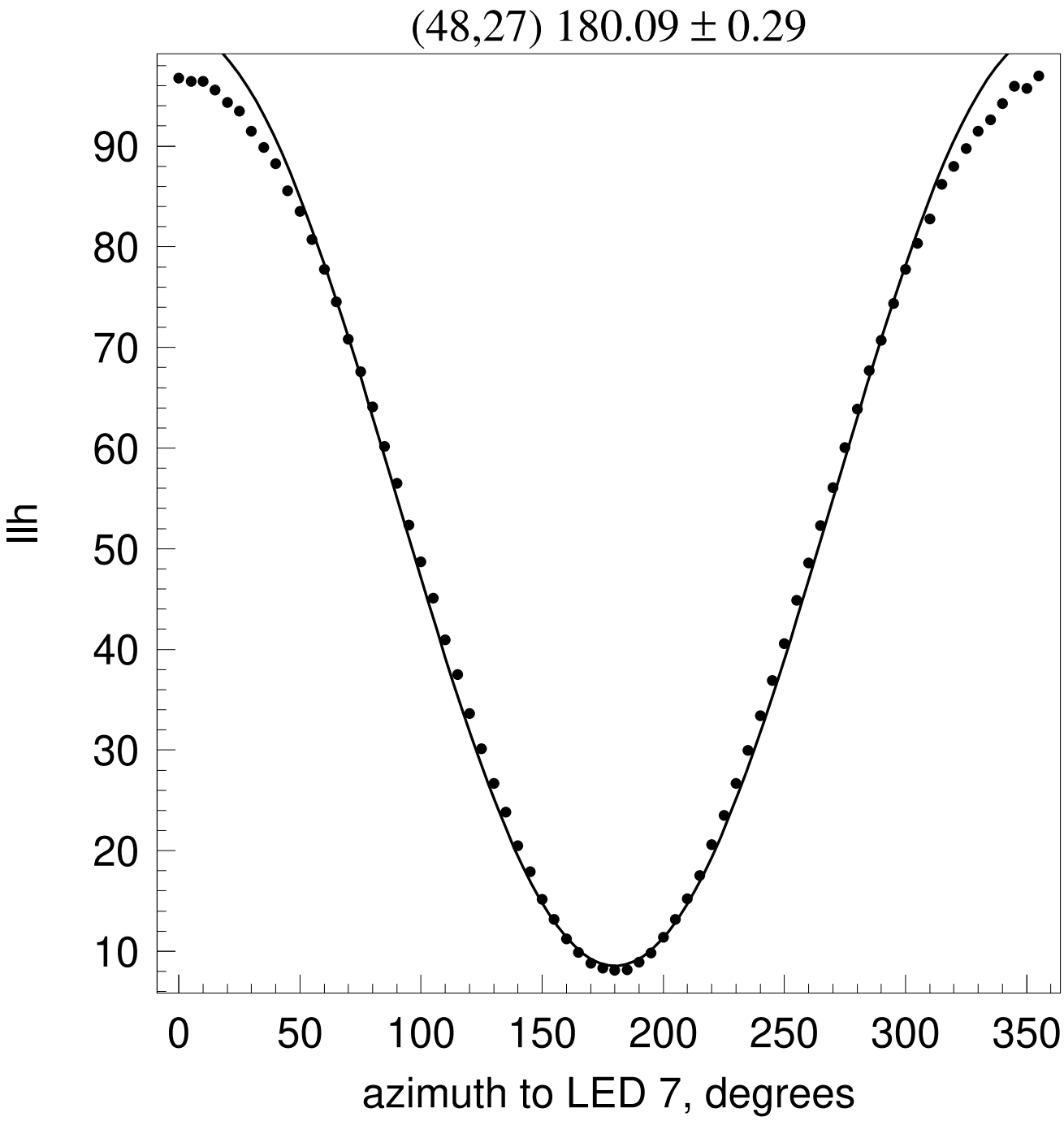

(48,22) 183.40 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

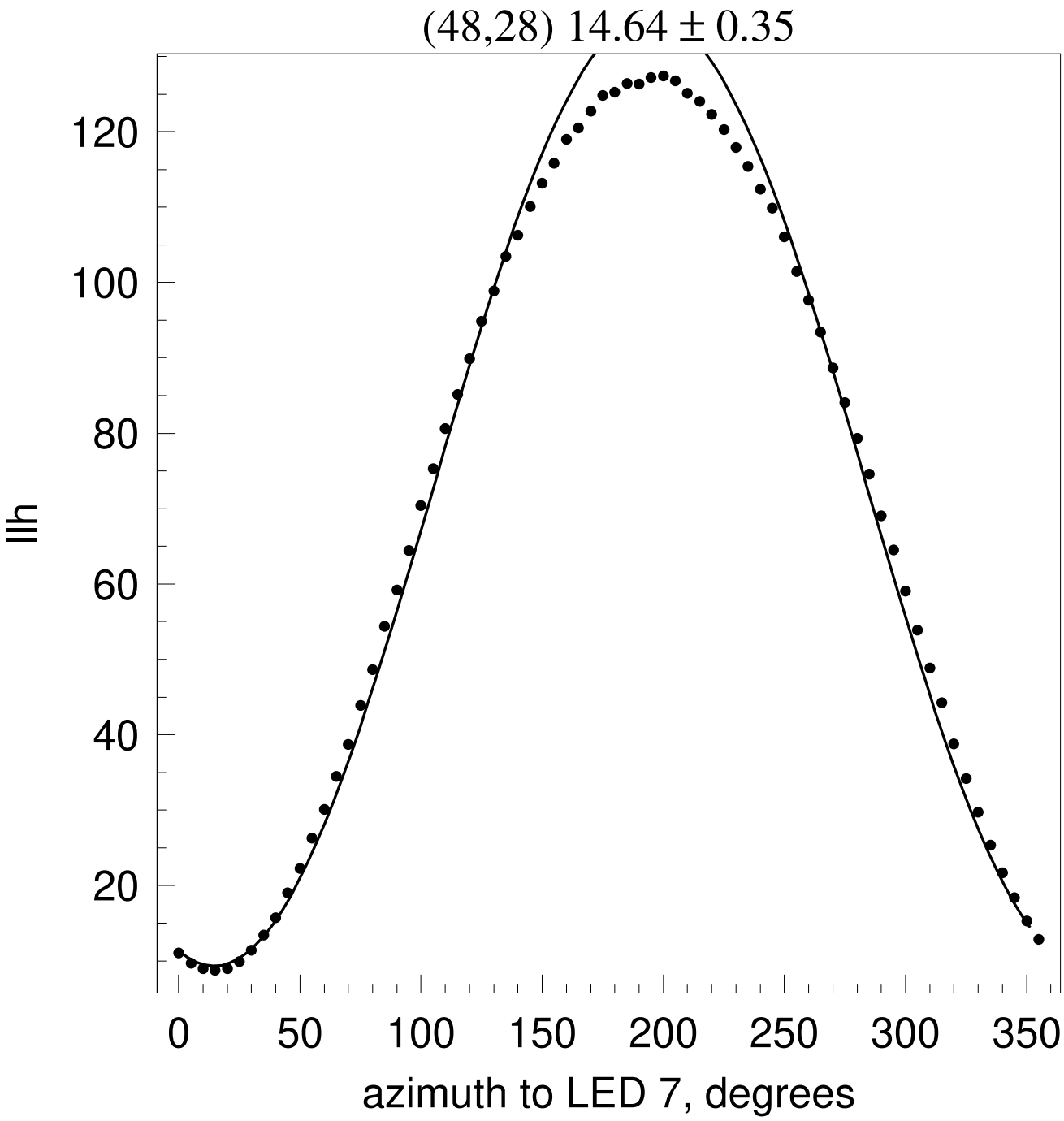

(48,23) 221.94 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

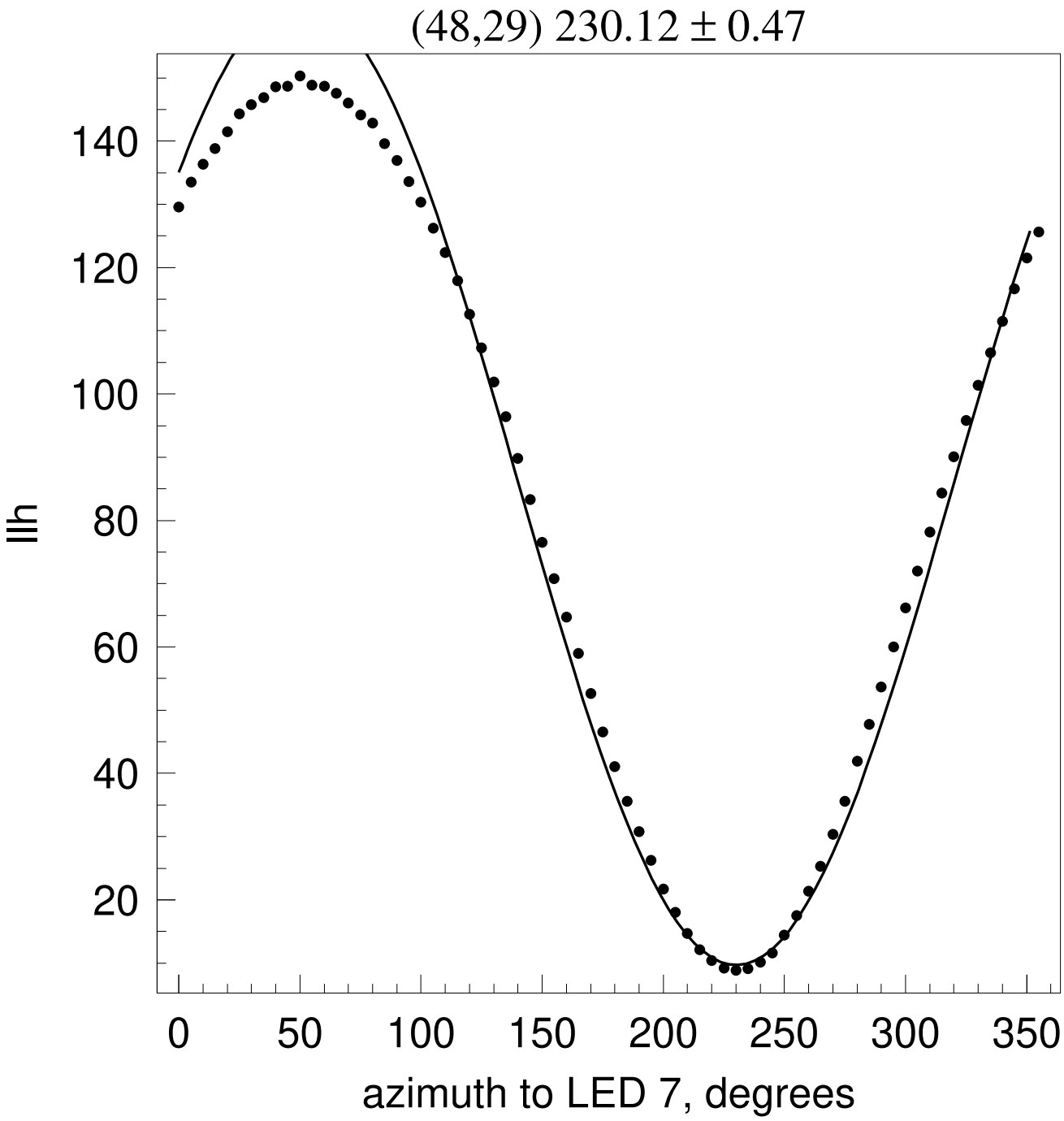

(48,24) 284.98 ± 0.29
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

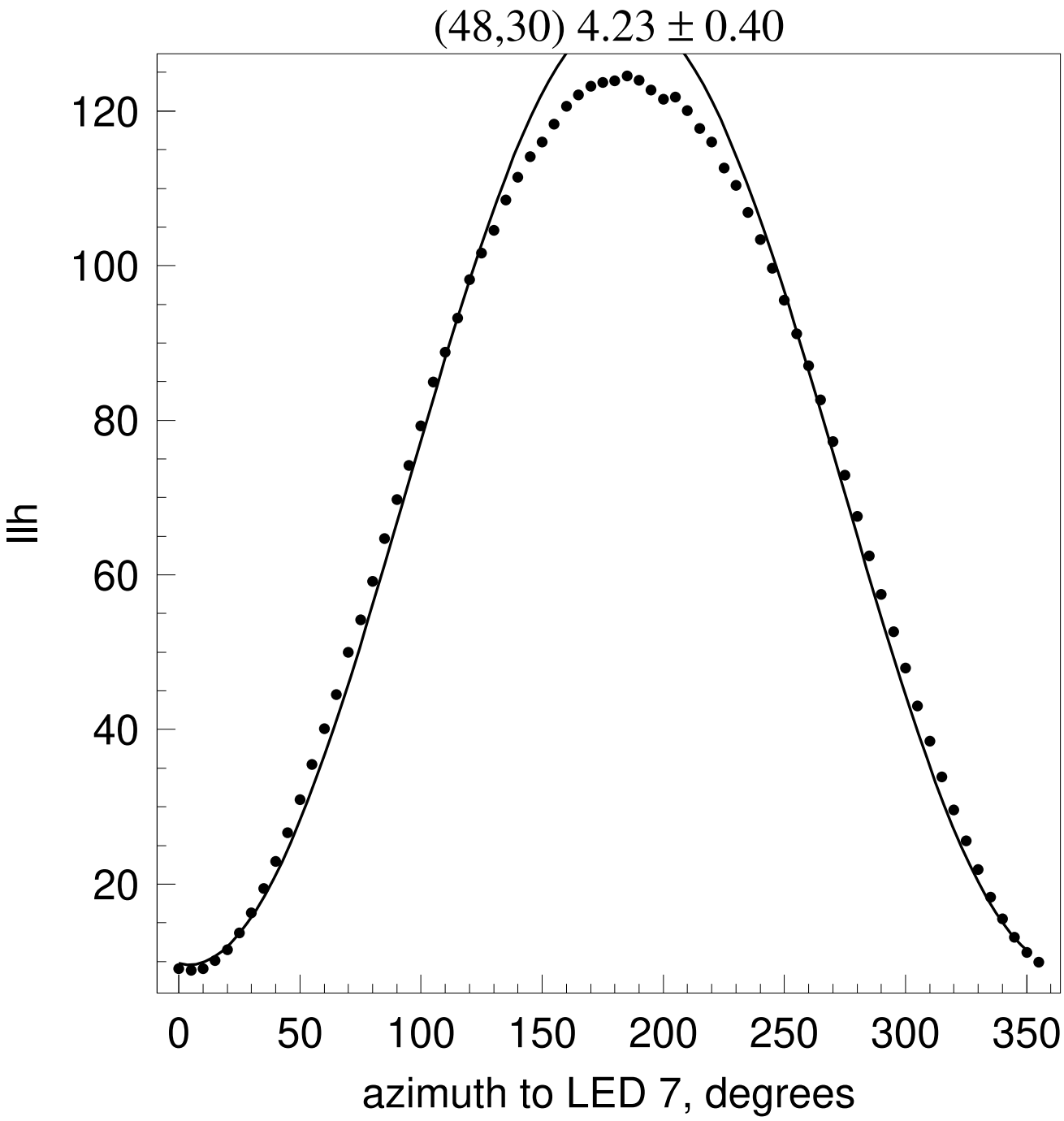

(48,25) 137.47 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

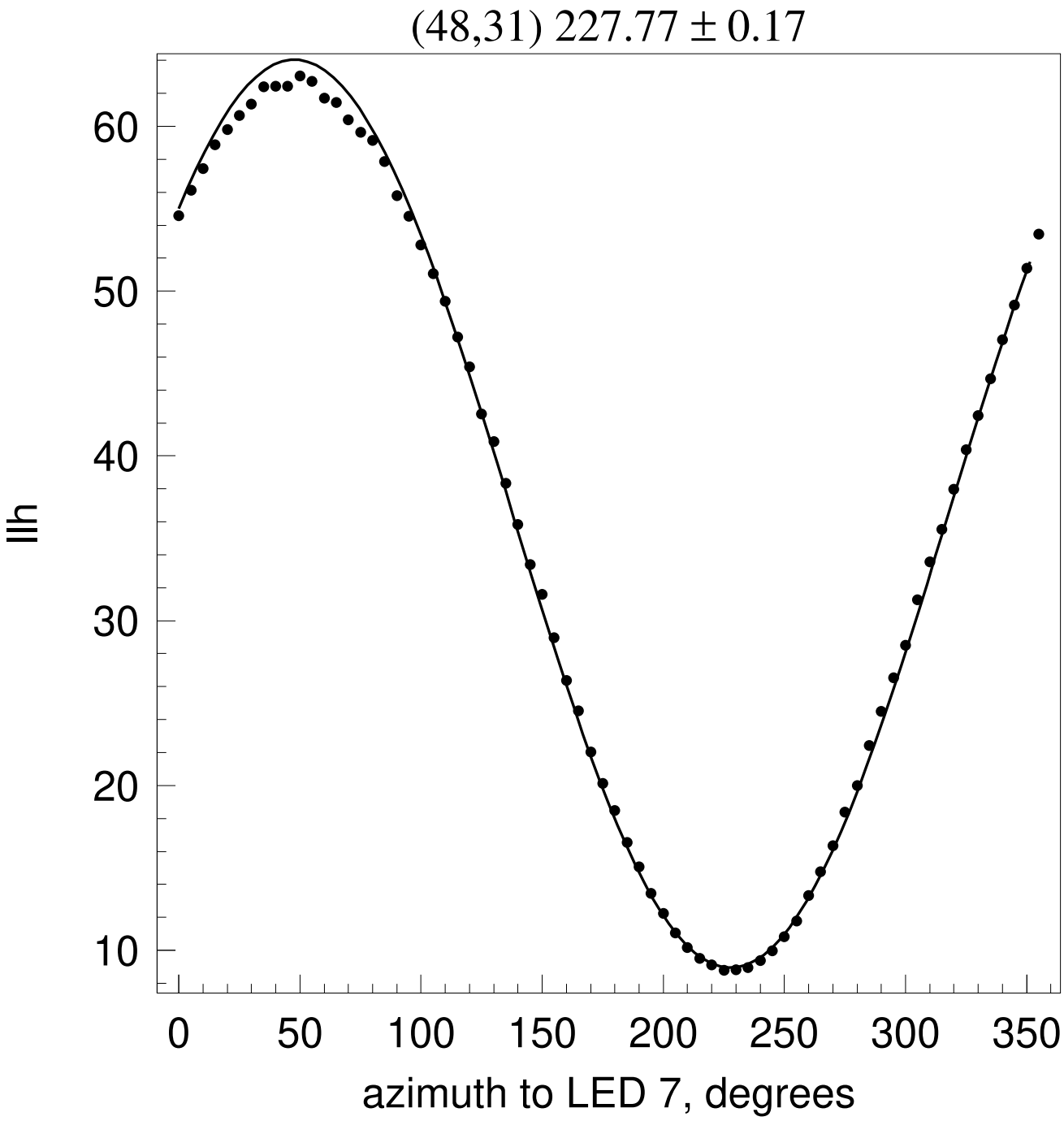

(48,26) 39.15 ± 0.14
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

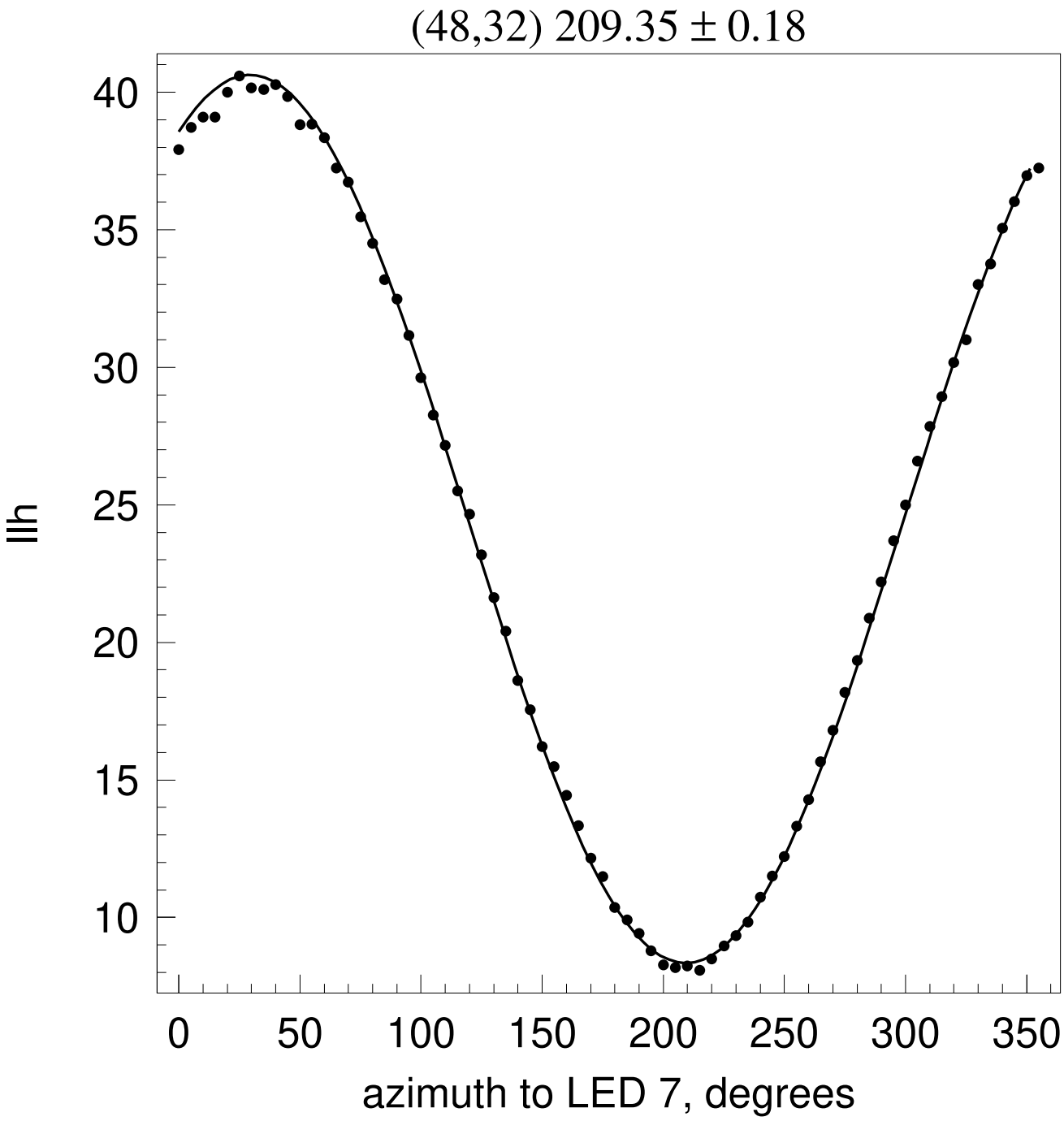

(48,27) 180.09 ± 0.29
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

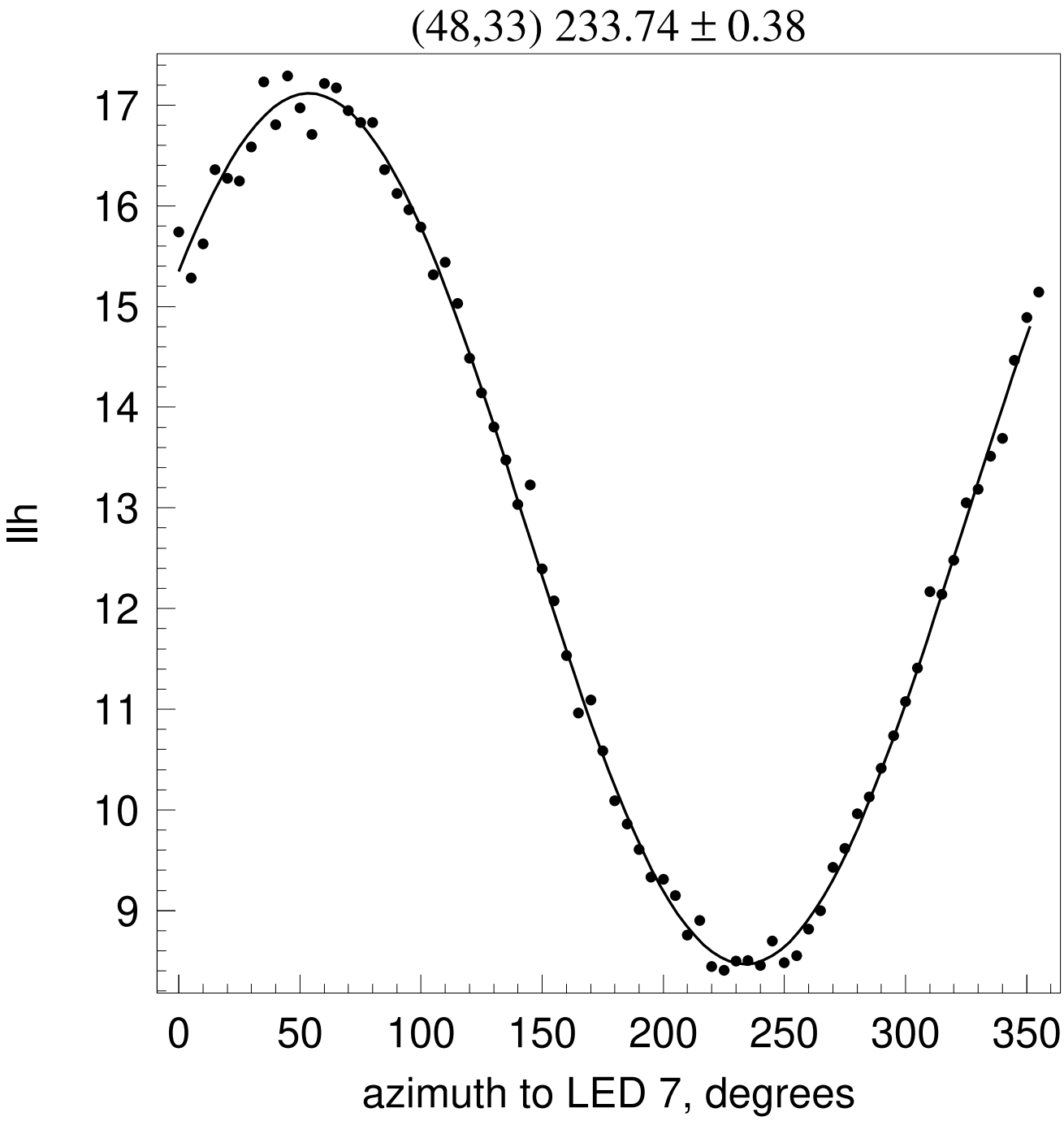

(48,28) 14.64 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

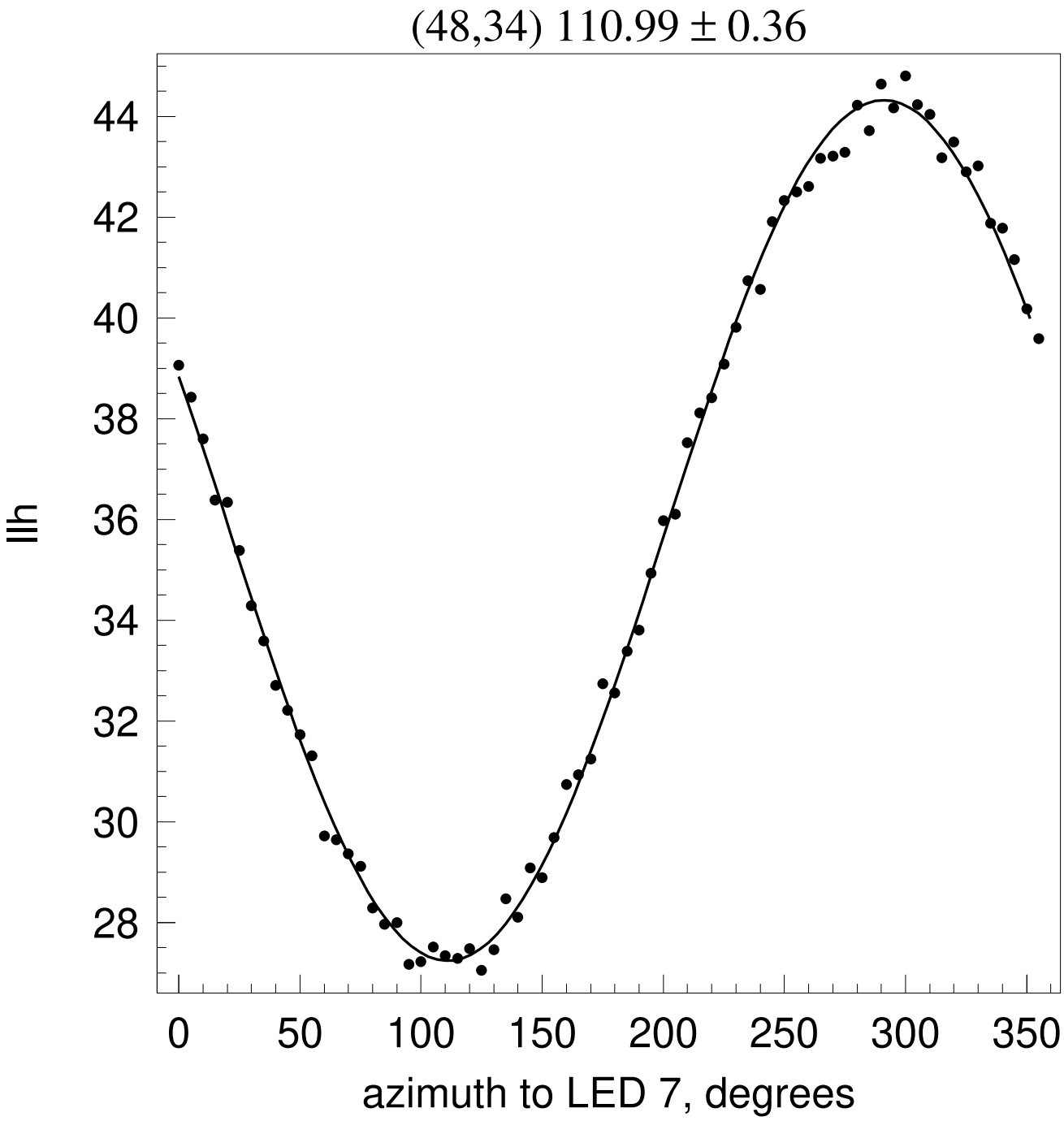

(48,29) 230.12 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

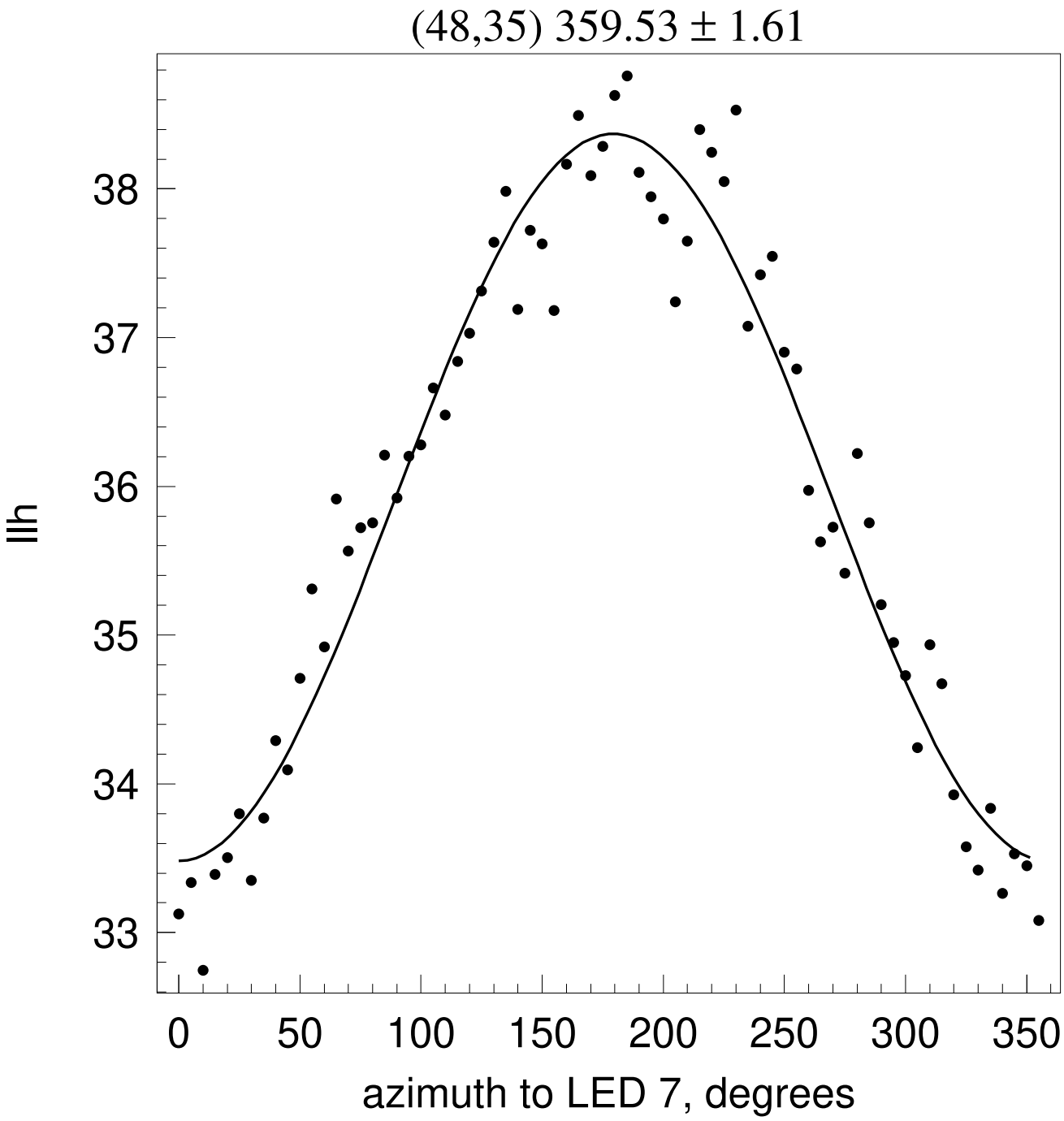

(48,30) 4.23 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

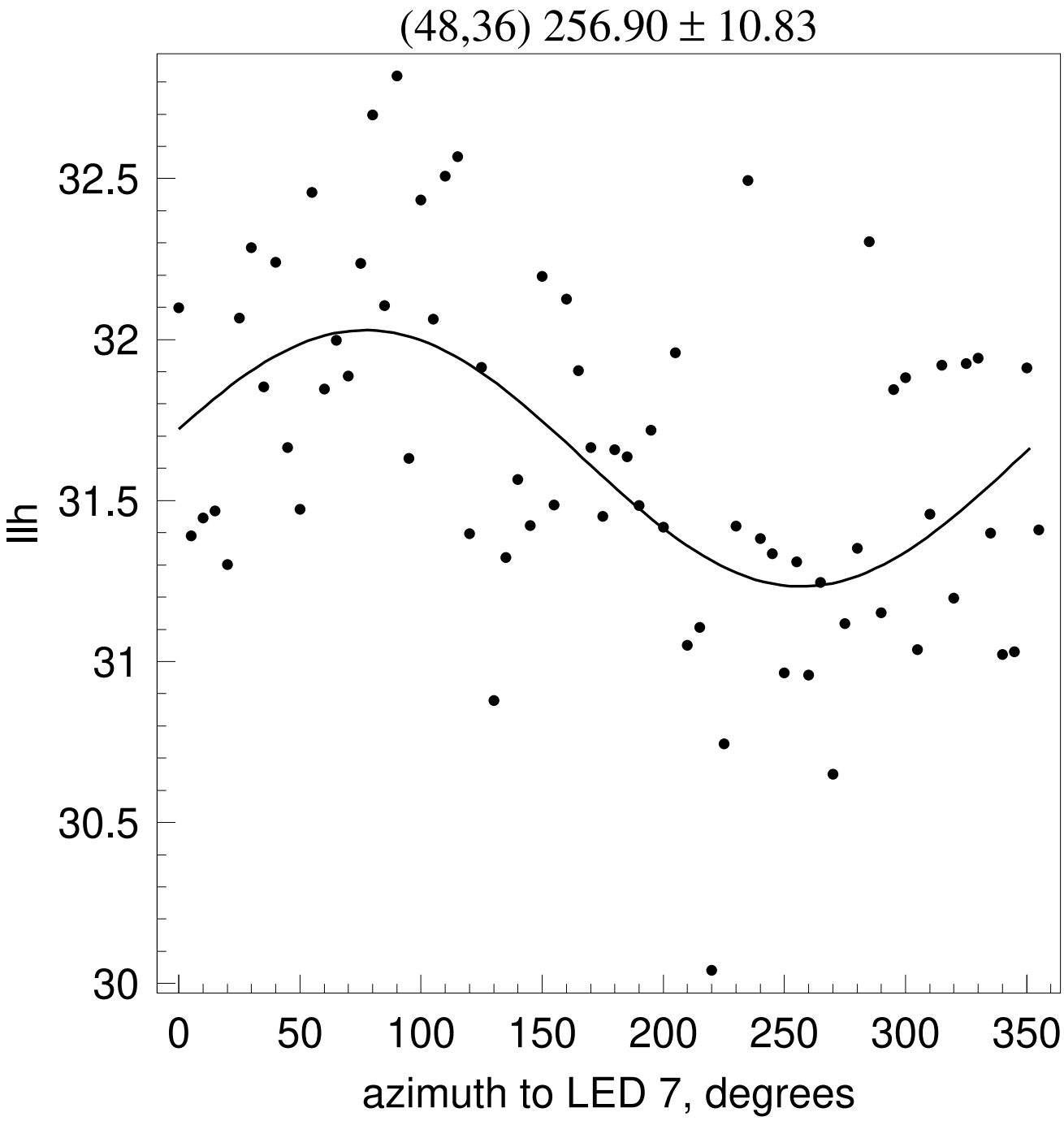

(48,31) 227.77 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

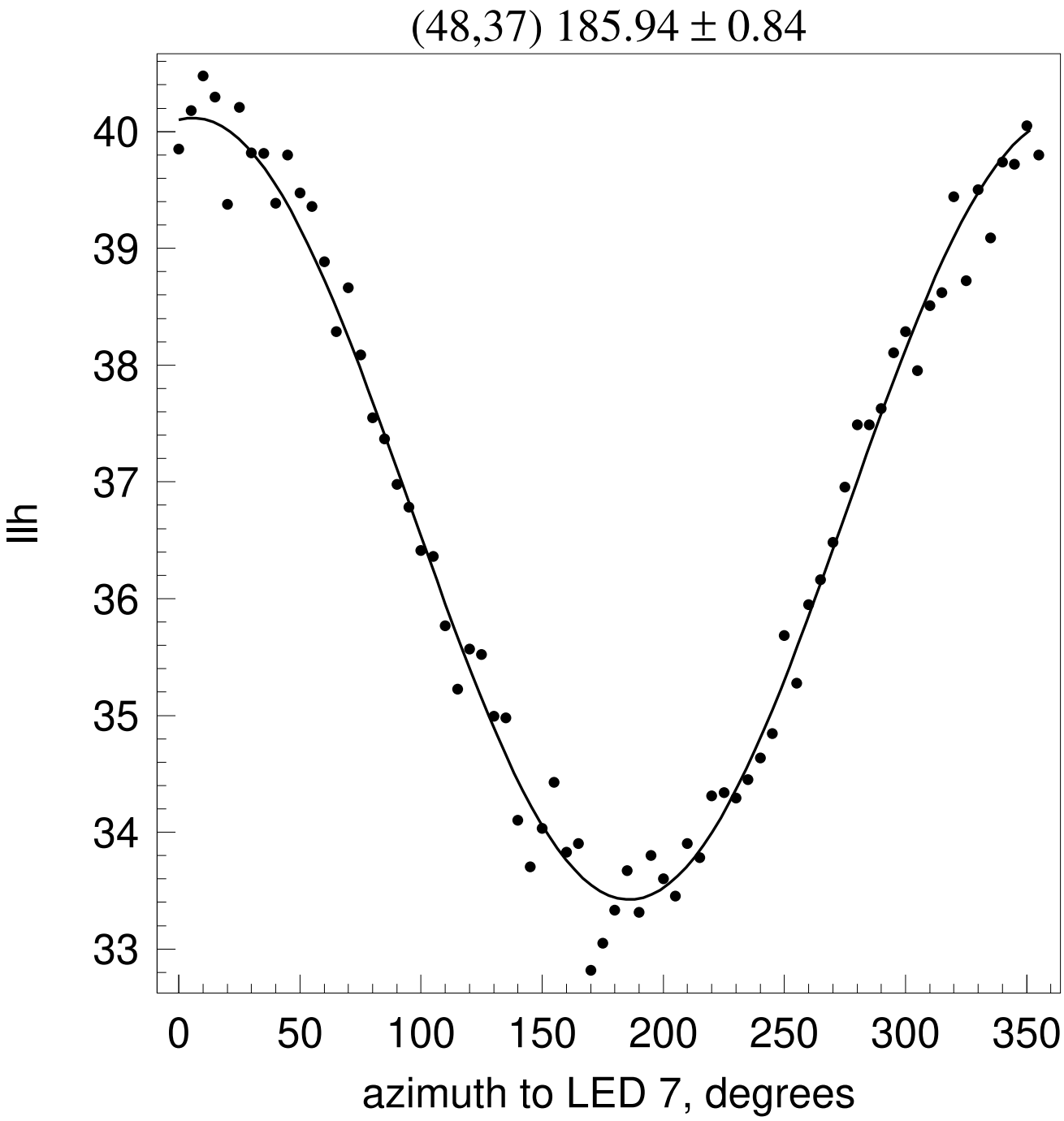

(48,32) 209.35 ± 0.18
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

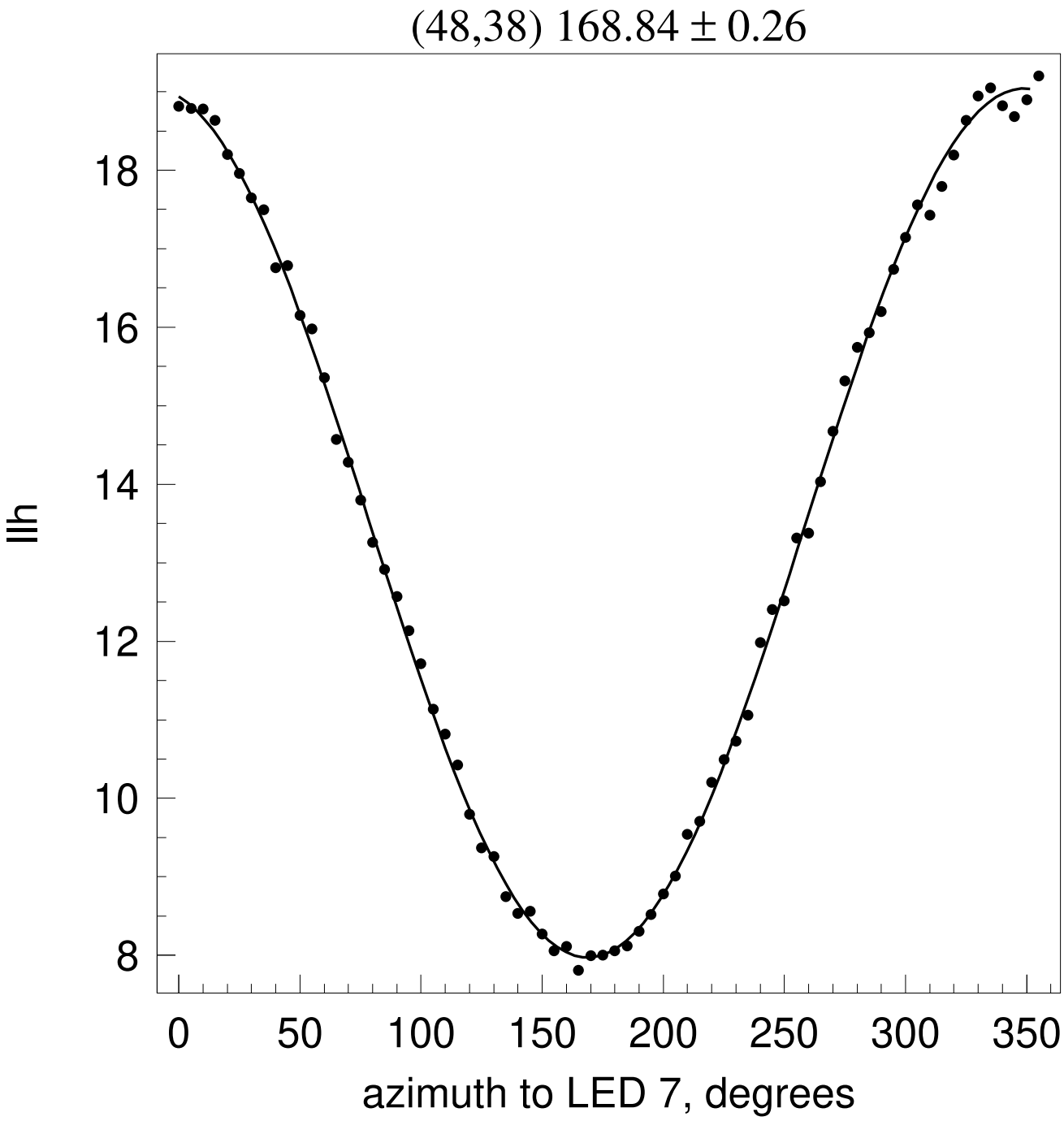

(48,33) 233.74 ± 0.38
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

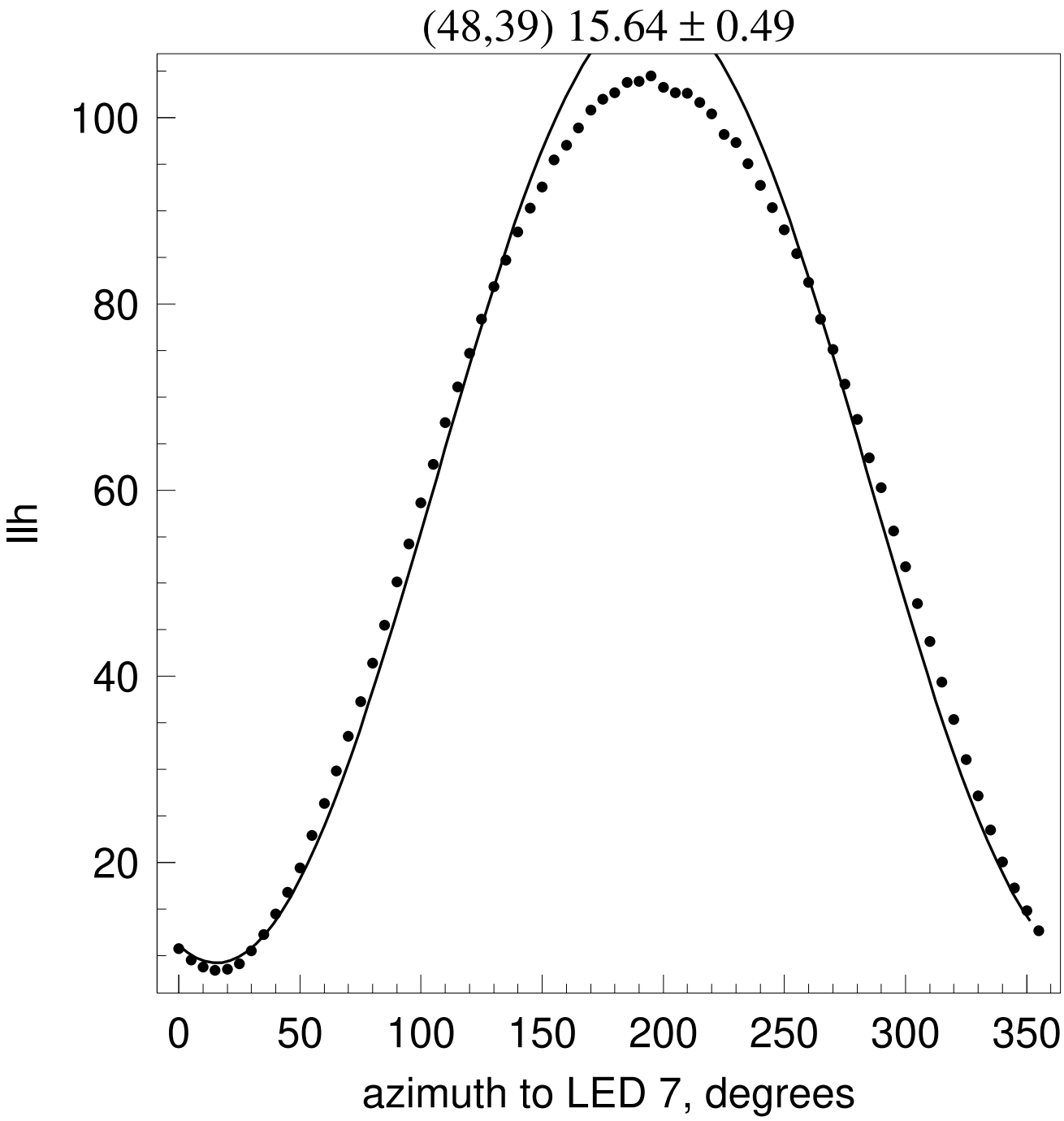

(48,34) 110.99 ± 0.36
llh
44
42
40
38
36
34
32
30
28
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

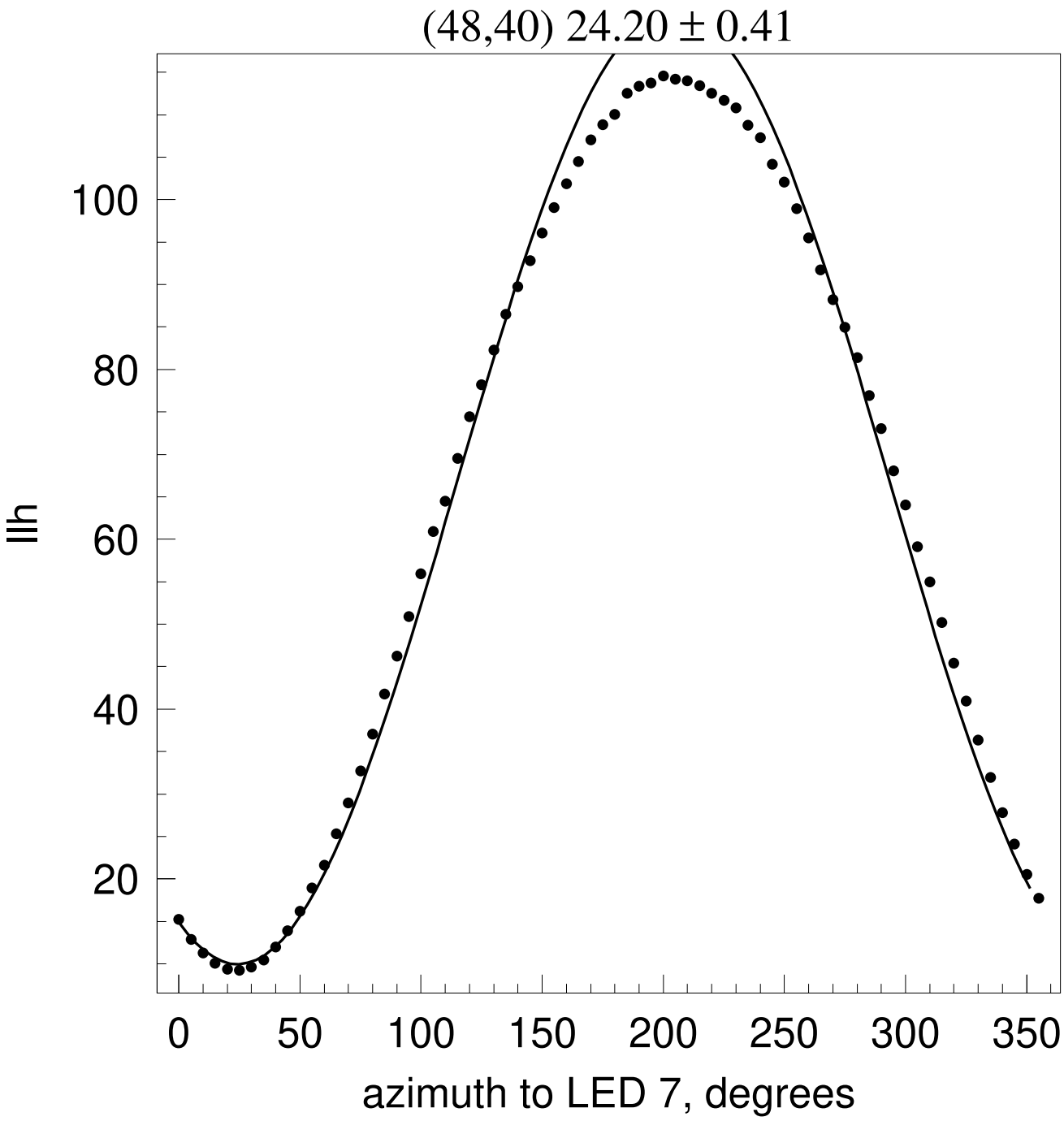

(48,35) 359.53 ± 1.61
38
37
36
35
34
33
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

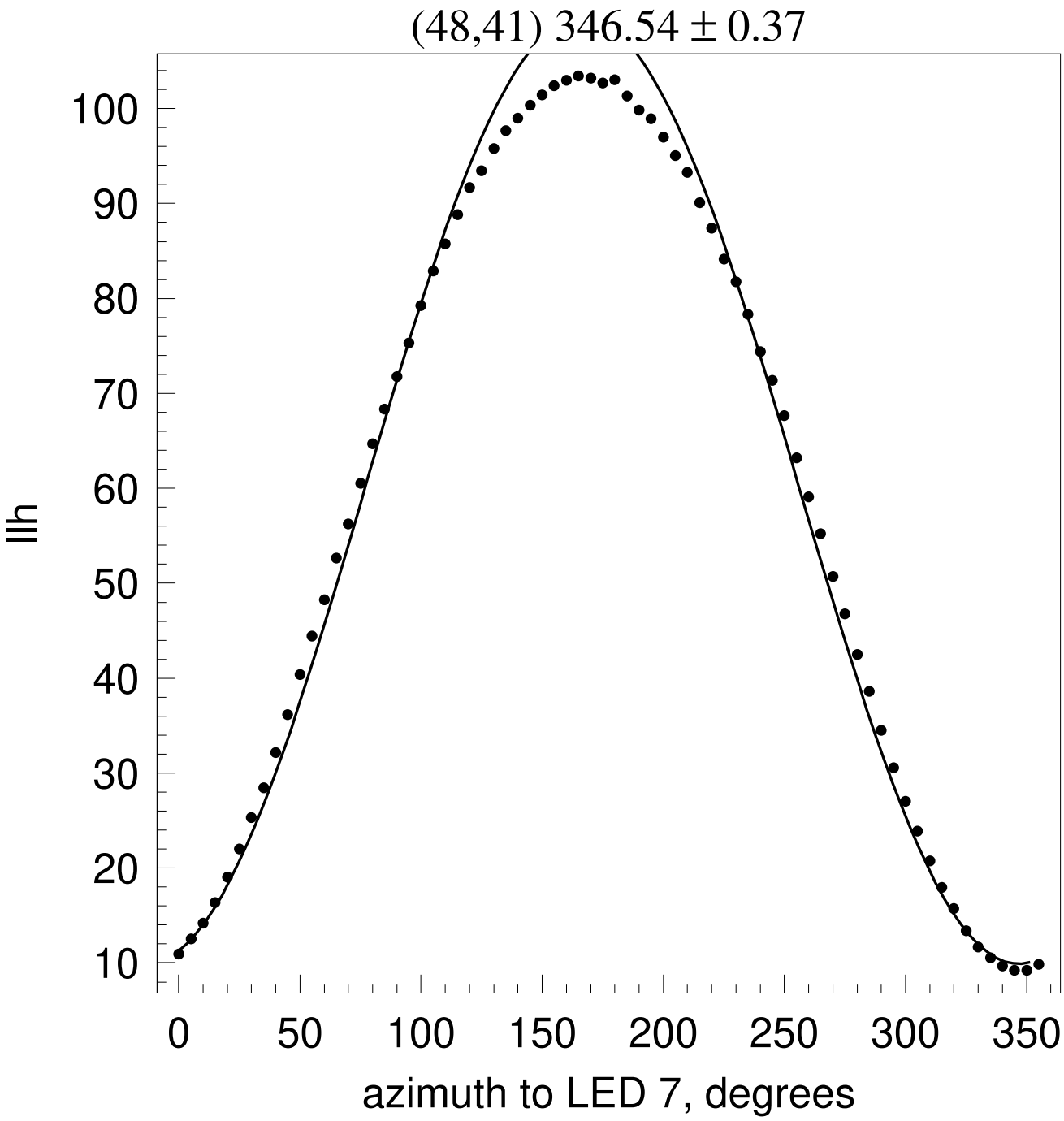

(48,36) 256.90 ± 10.83
32.5
32
31.5
31
30.5
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

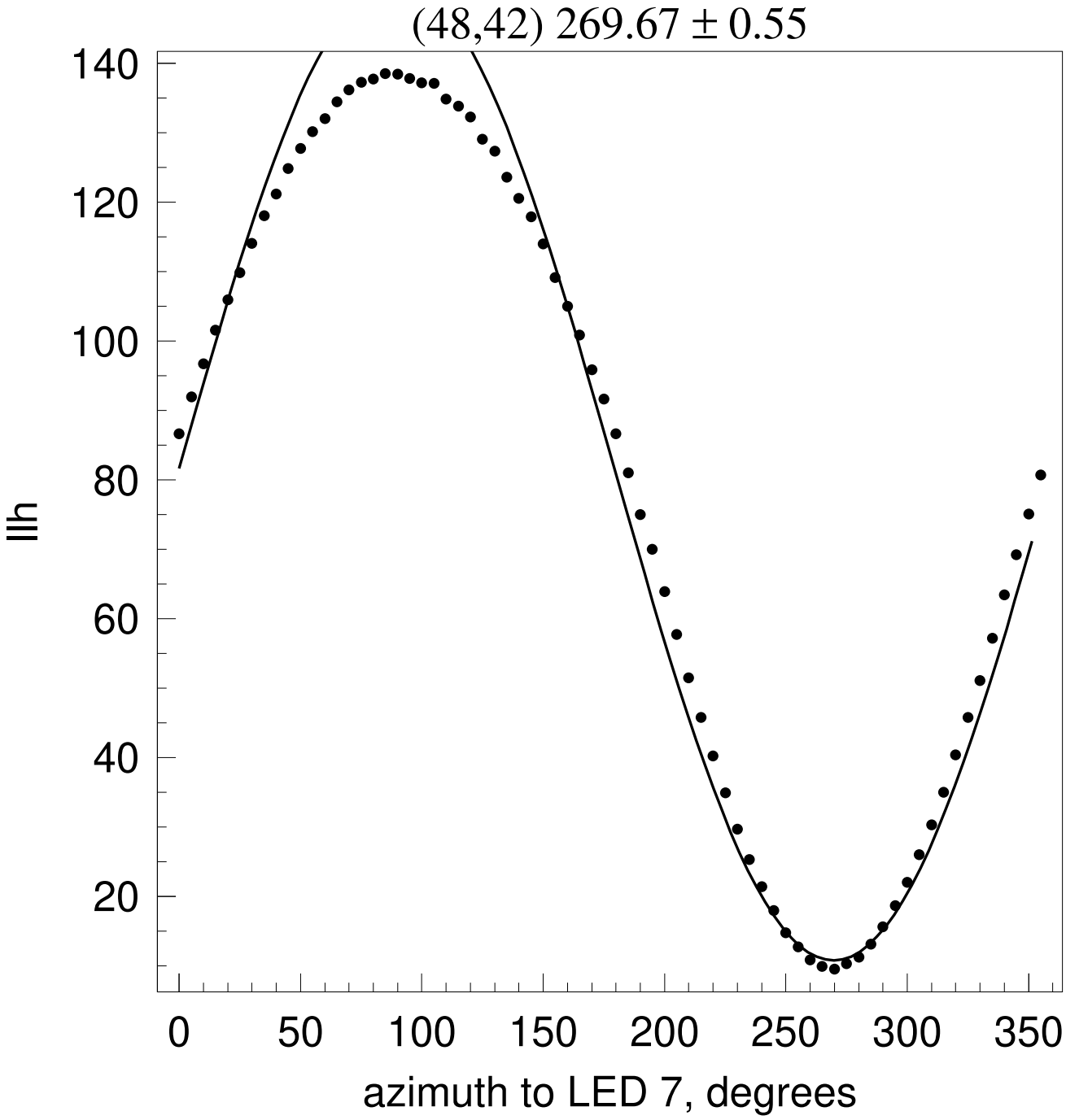

(48,37) 185.94 ± 0.84
40
39
38
37
36
35
34
33
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

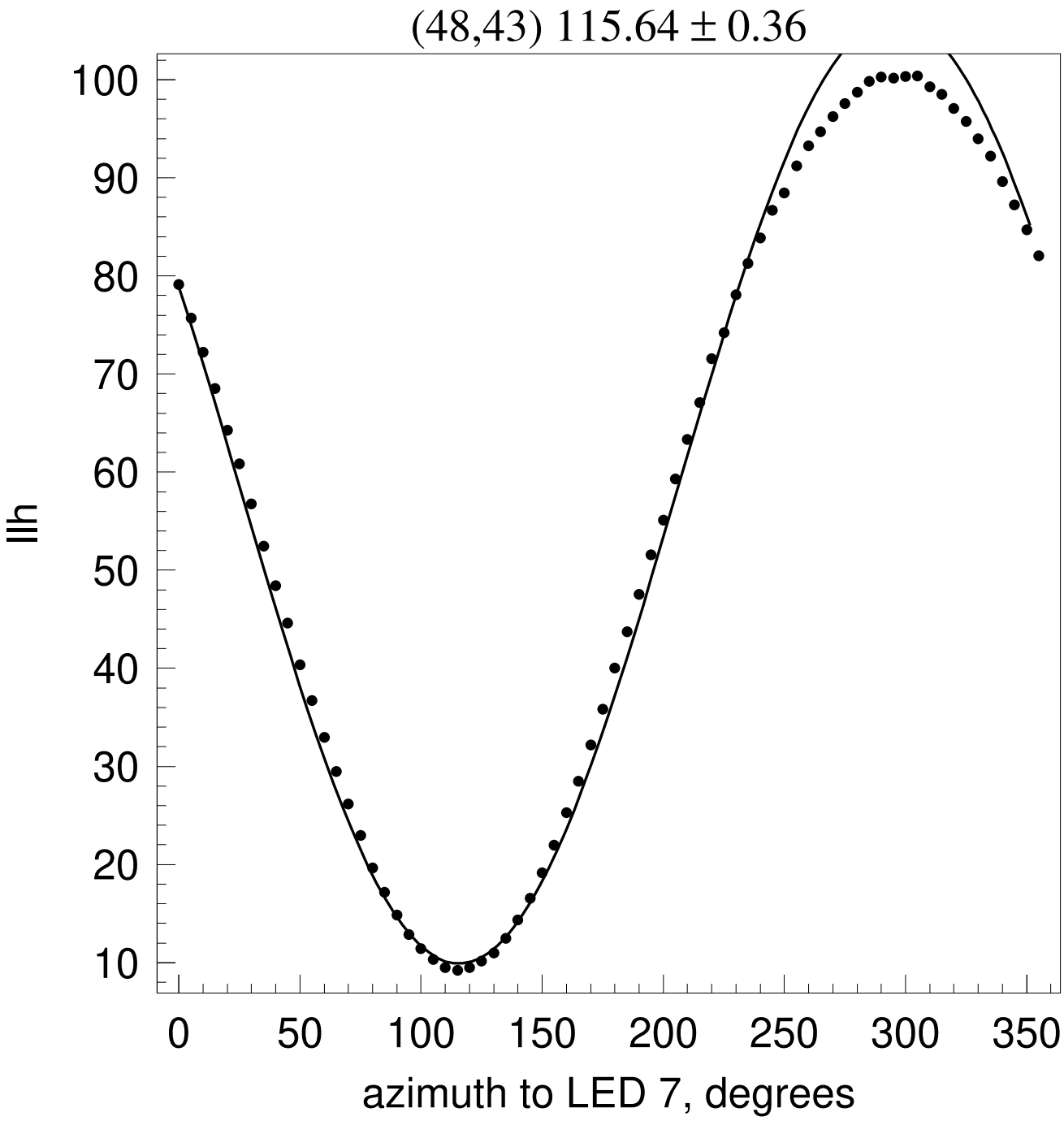

(48,38) 168.84 ± 0.26
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

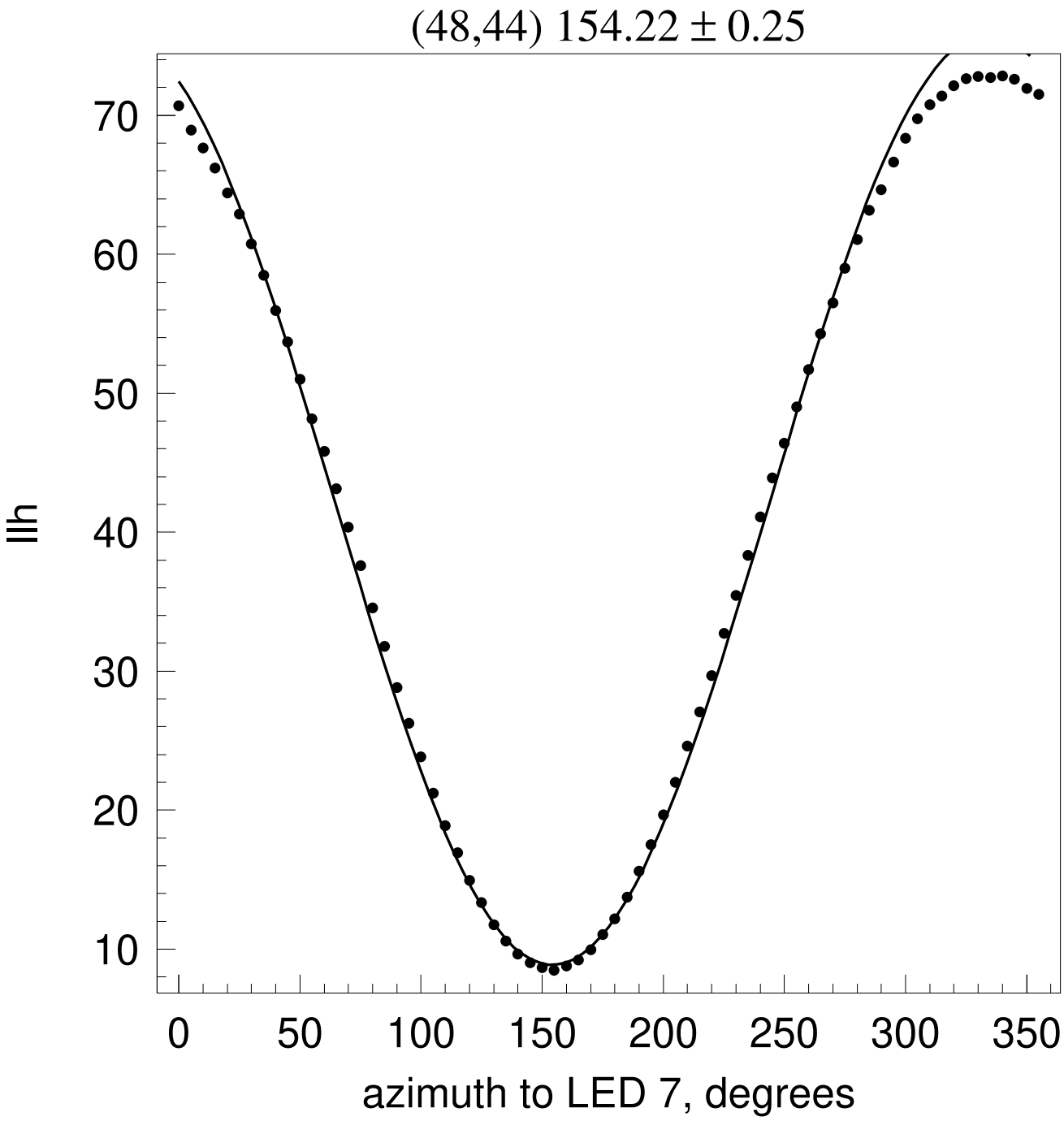

(48,39) 15.64 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

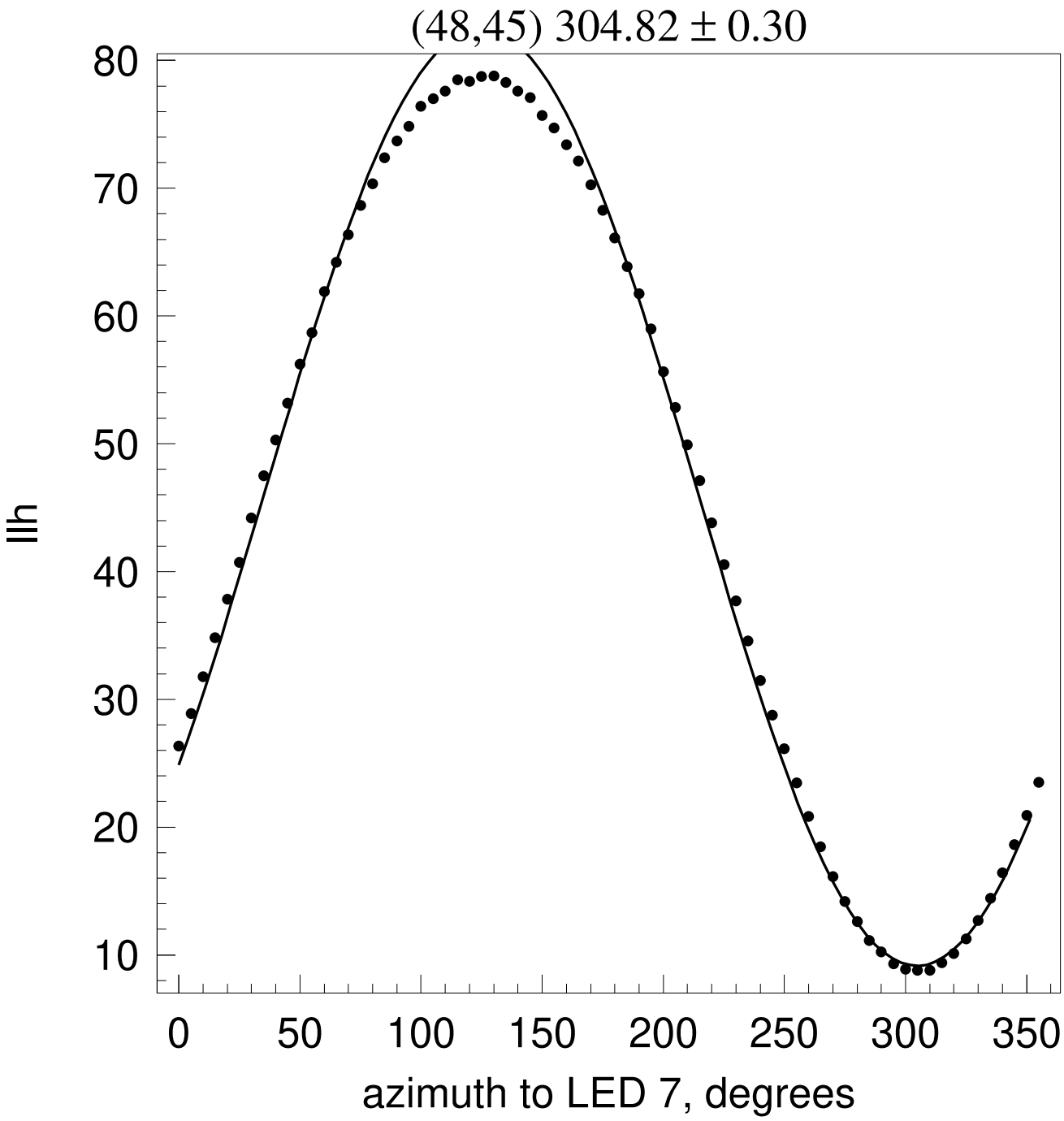

(48,40) 24.20 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

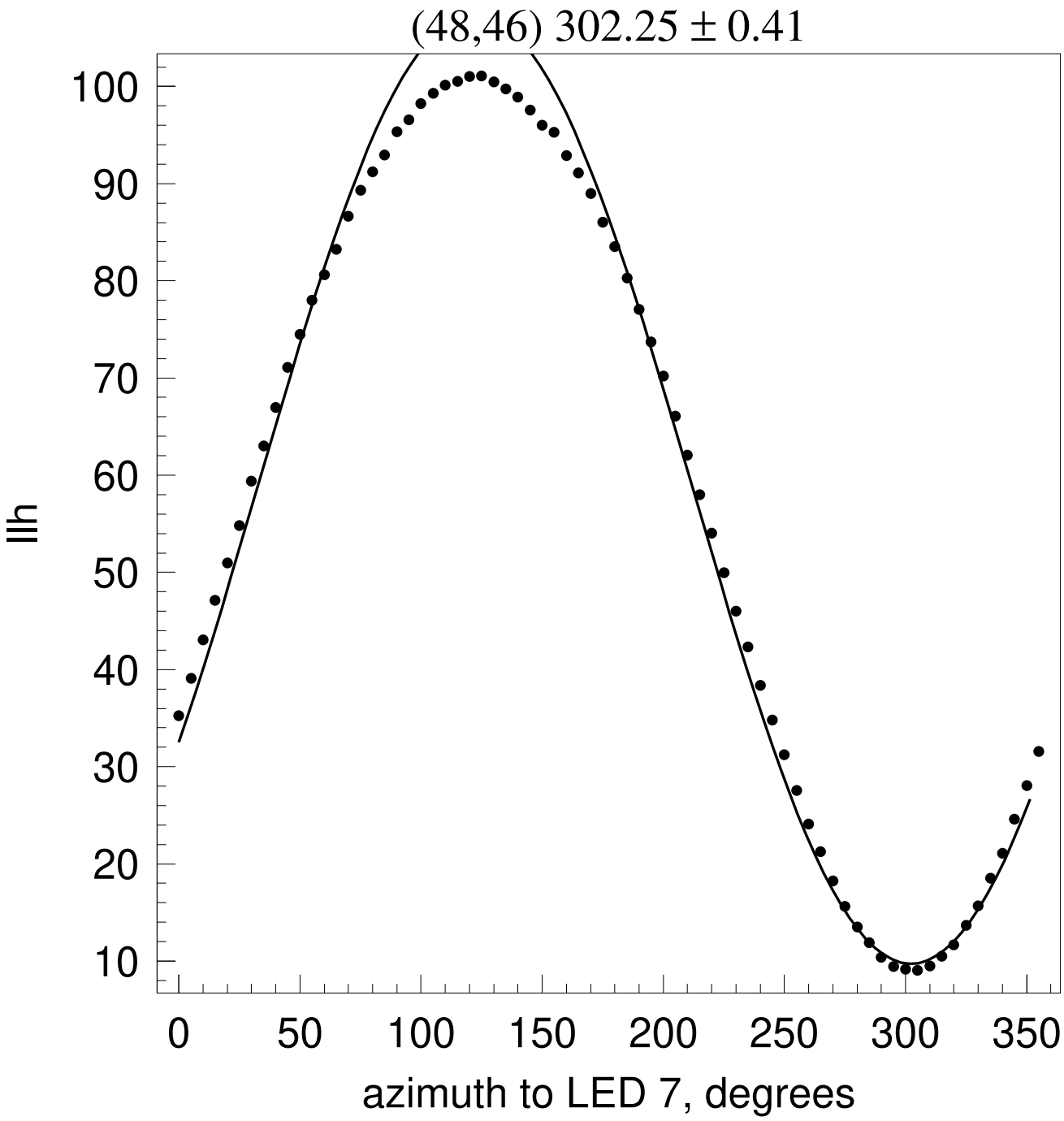

(48,41) 346.54 ± 0.37
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

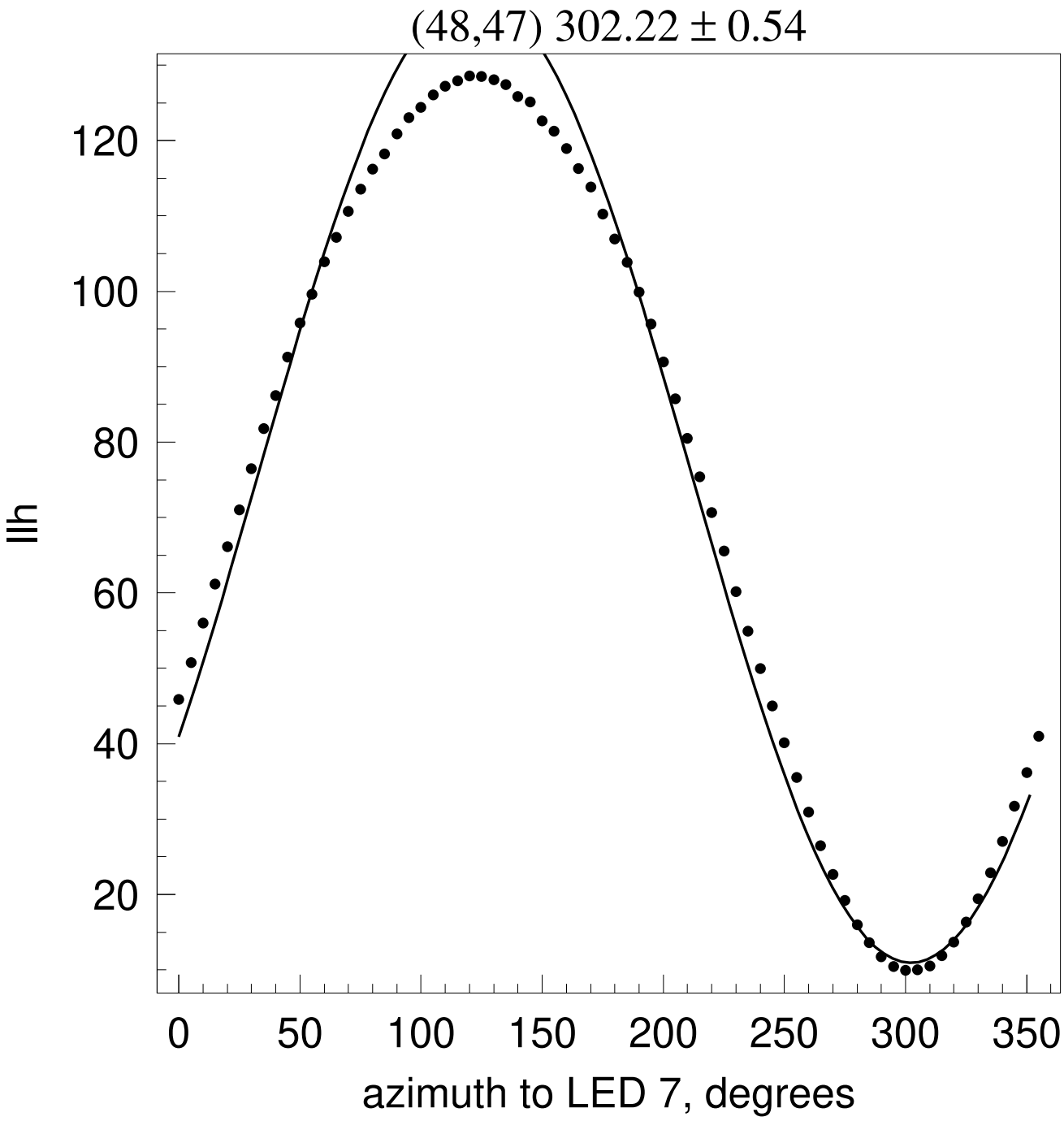

(48,42) 269.67 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

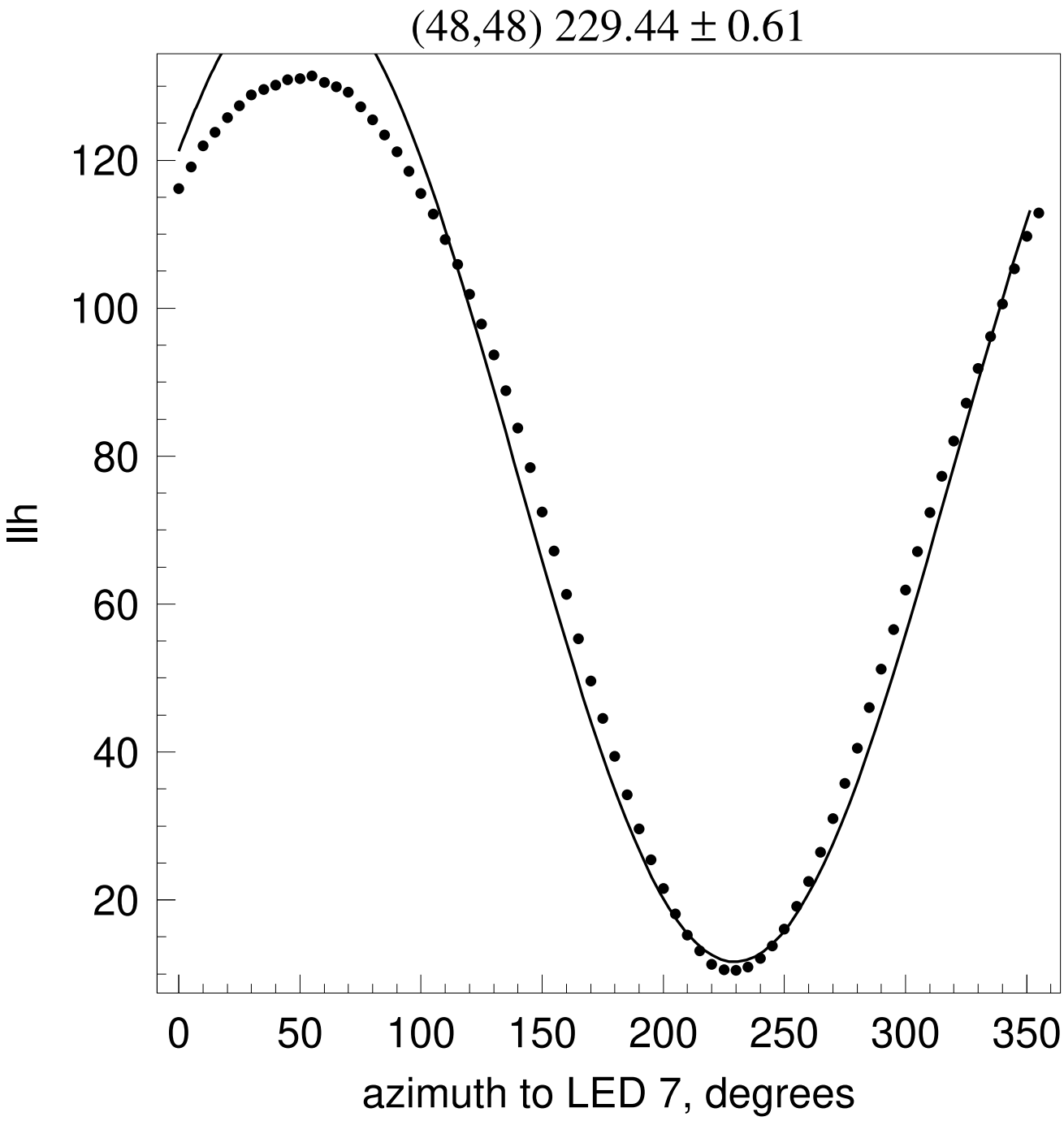

(48,43) 115.64 ± 0.36
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

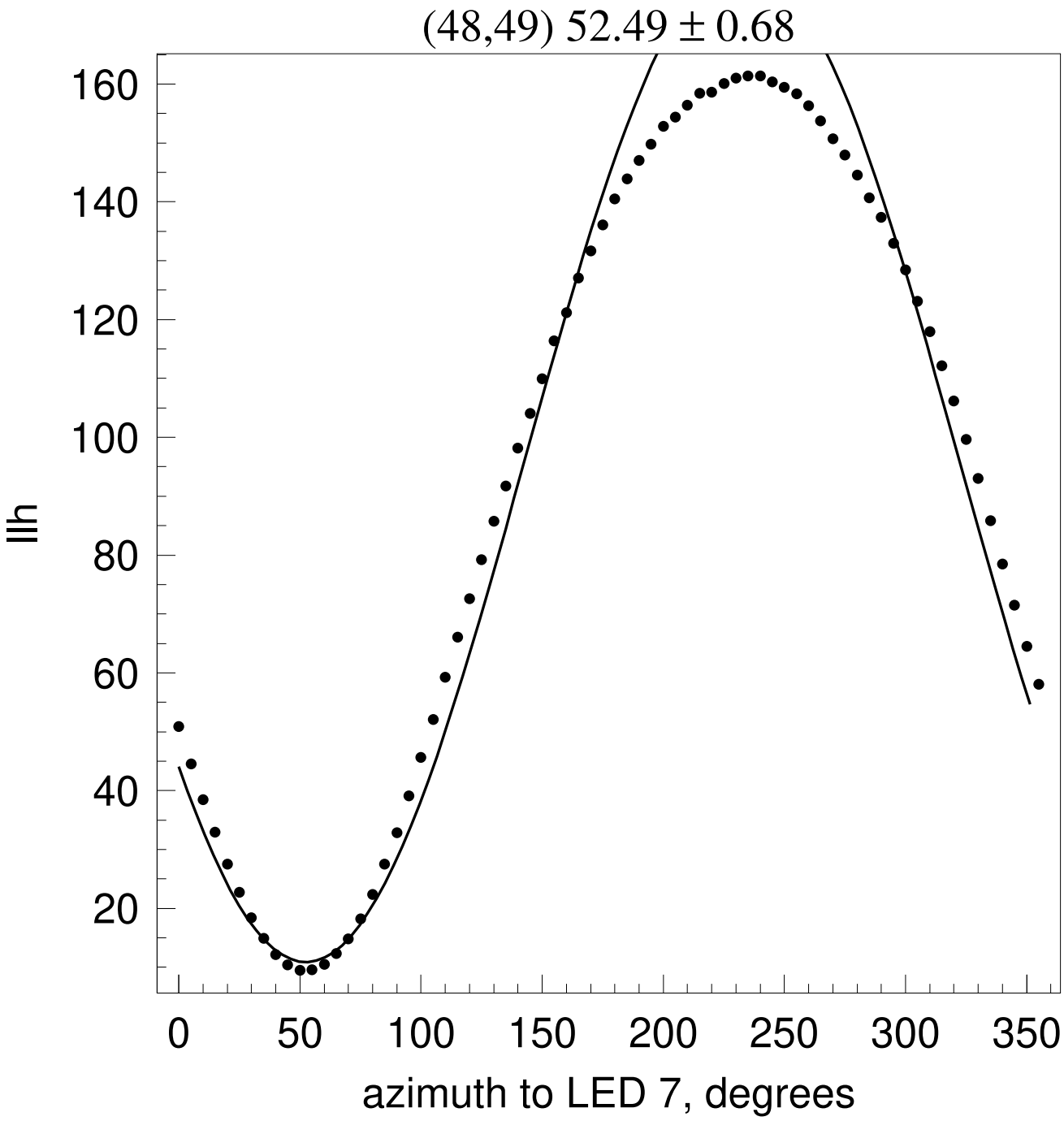

(48,44) 154.22 ± 0.25
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

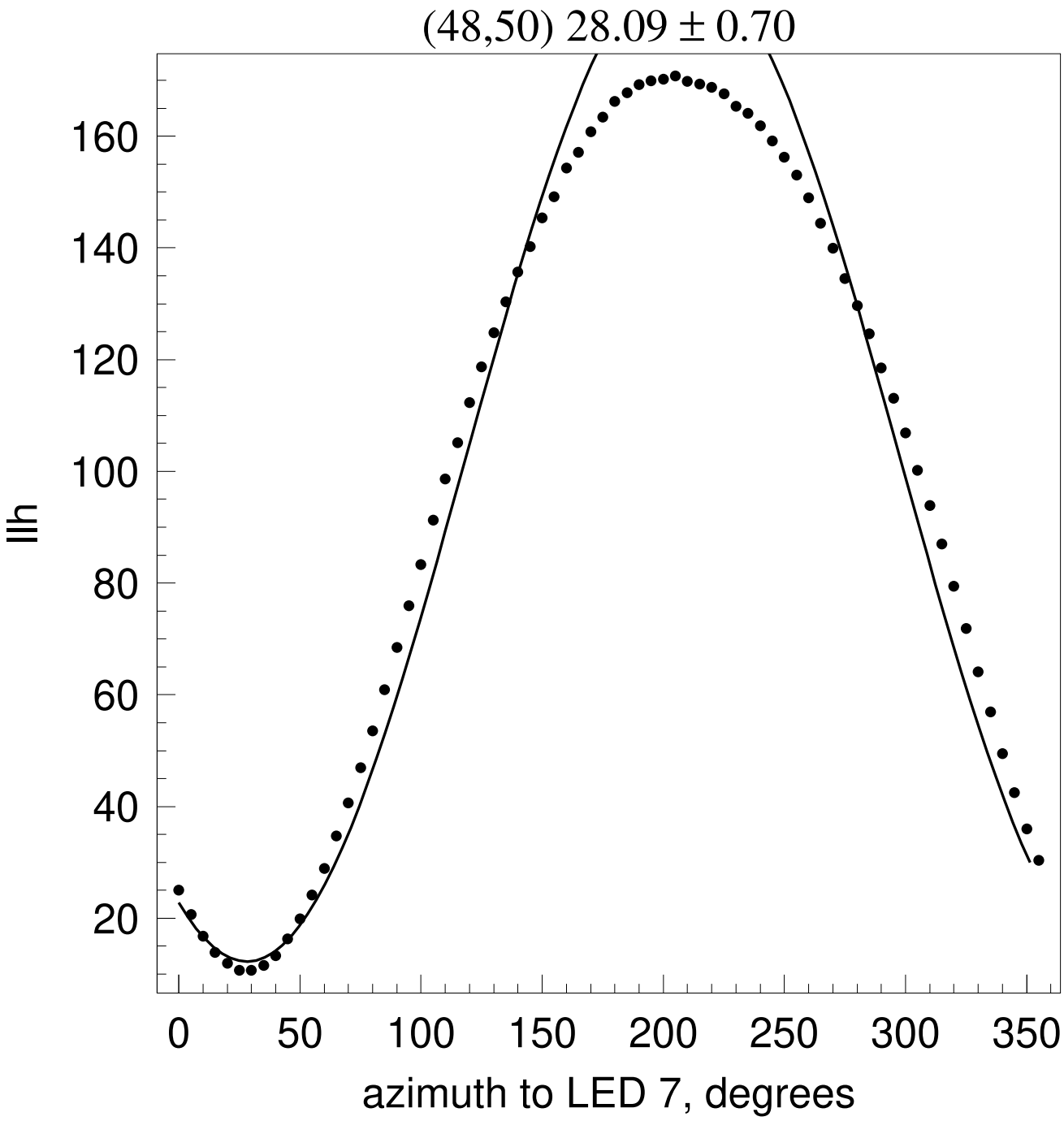

(48,45) 304.82 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

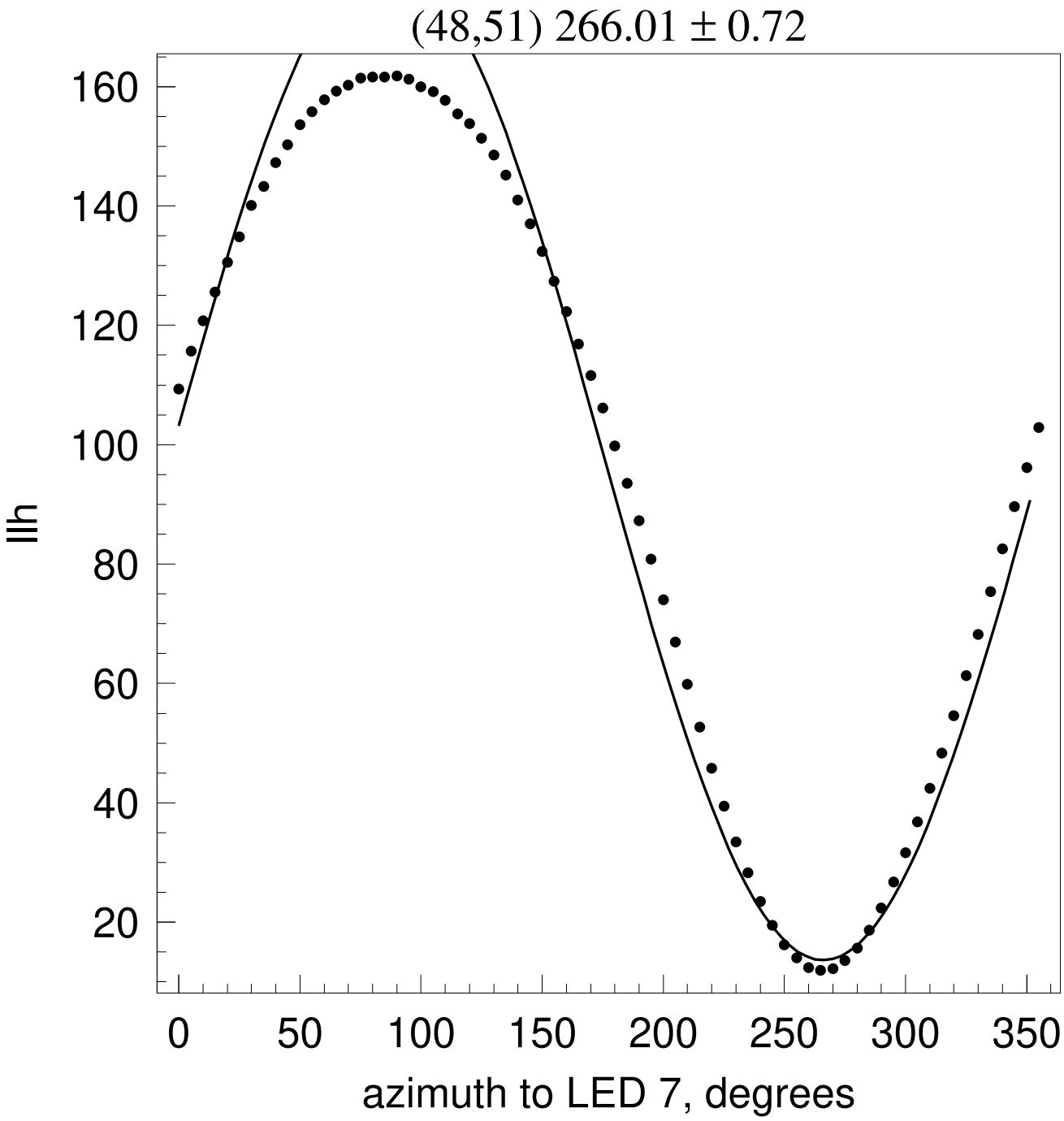

(48,46) 302.25 ± 0.41
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

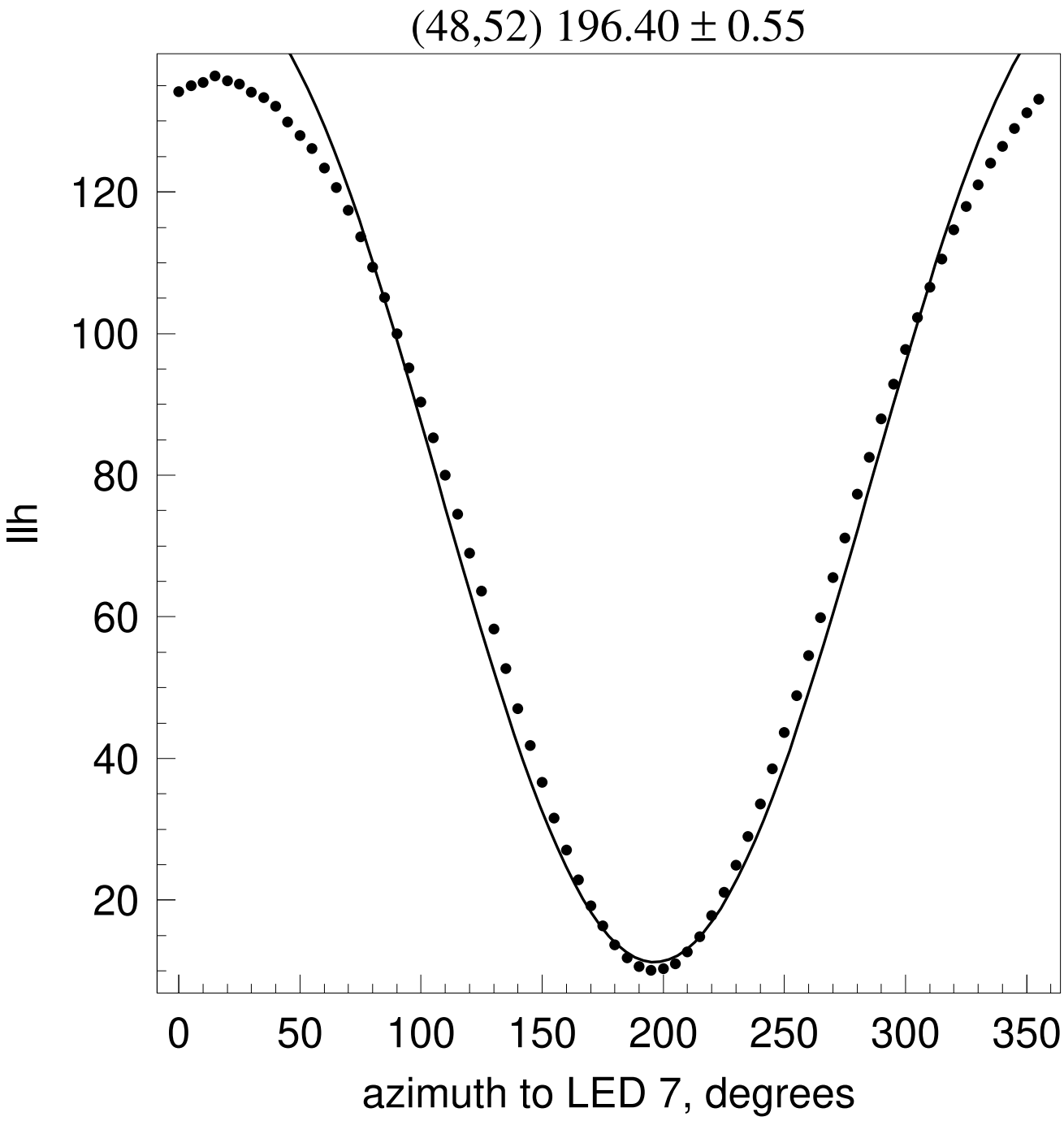

(48,47) 302.22 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

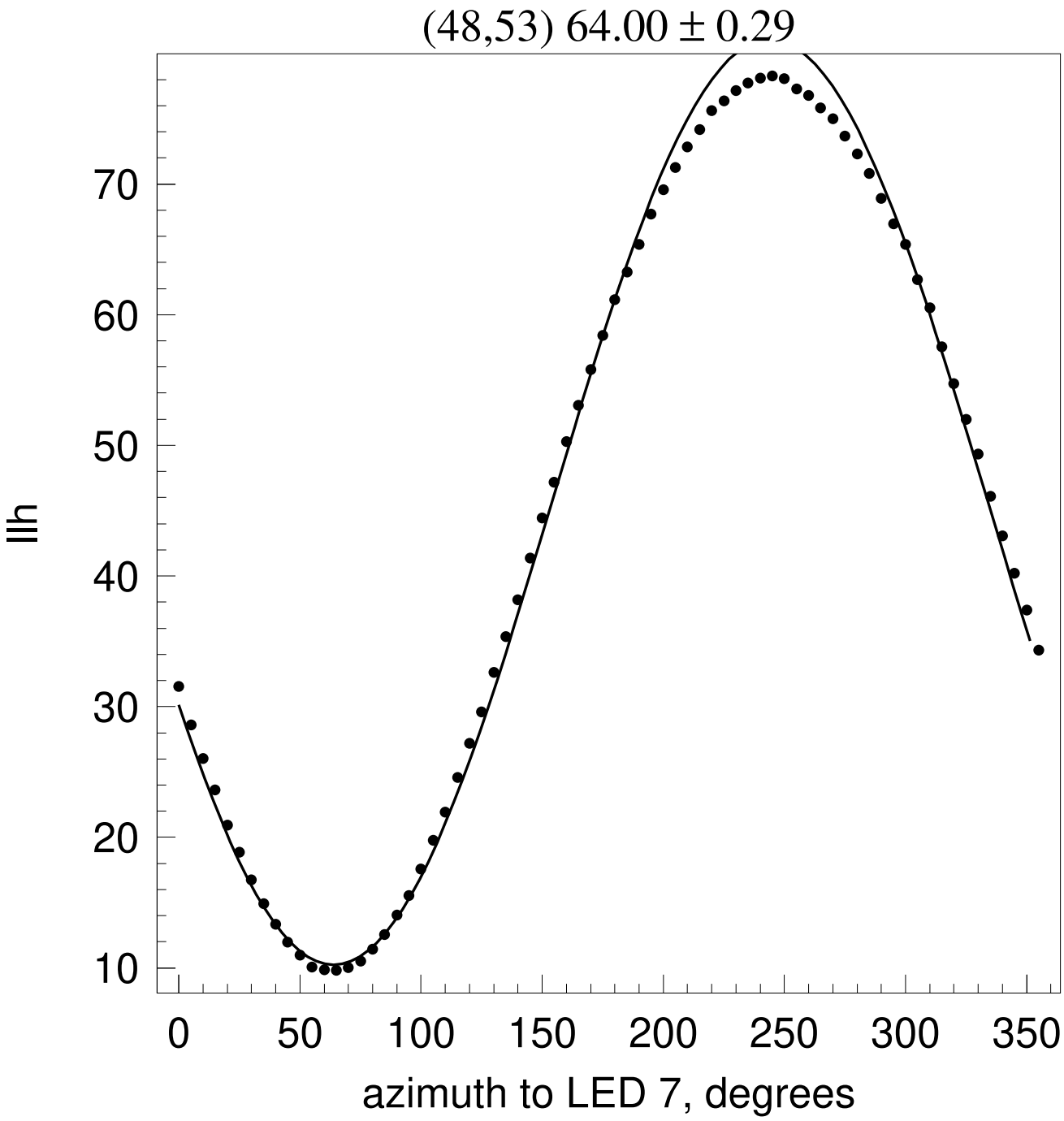

(48,48) 229.44 ± 0.61
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

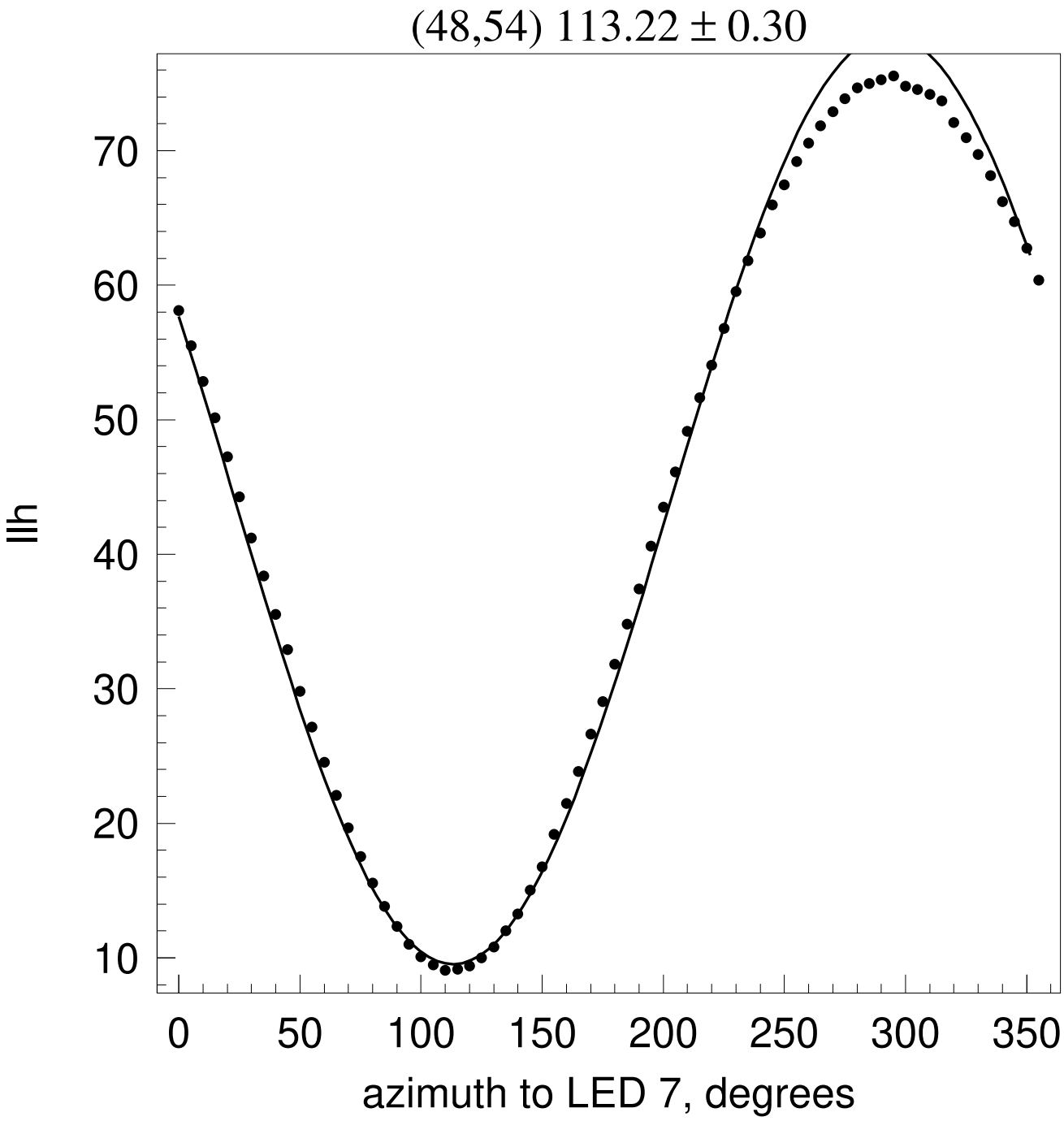

(48,49) 52.49 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

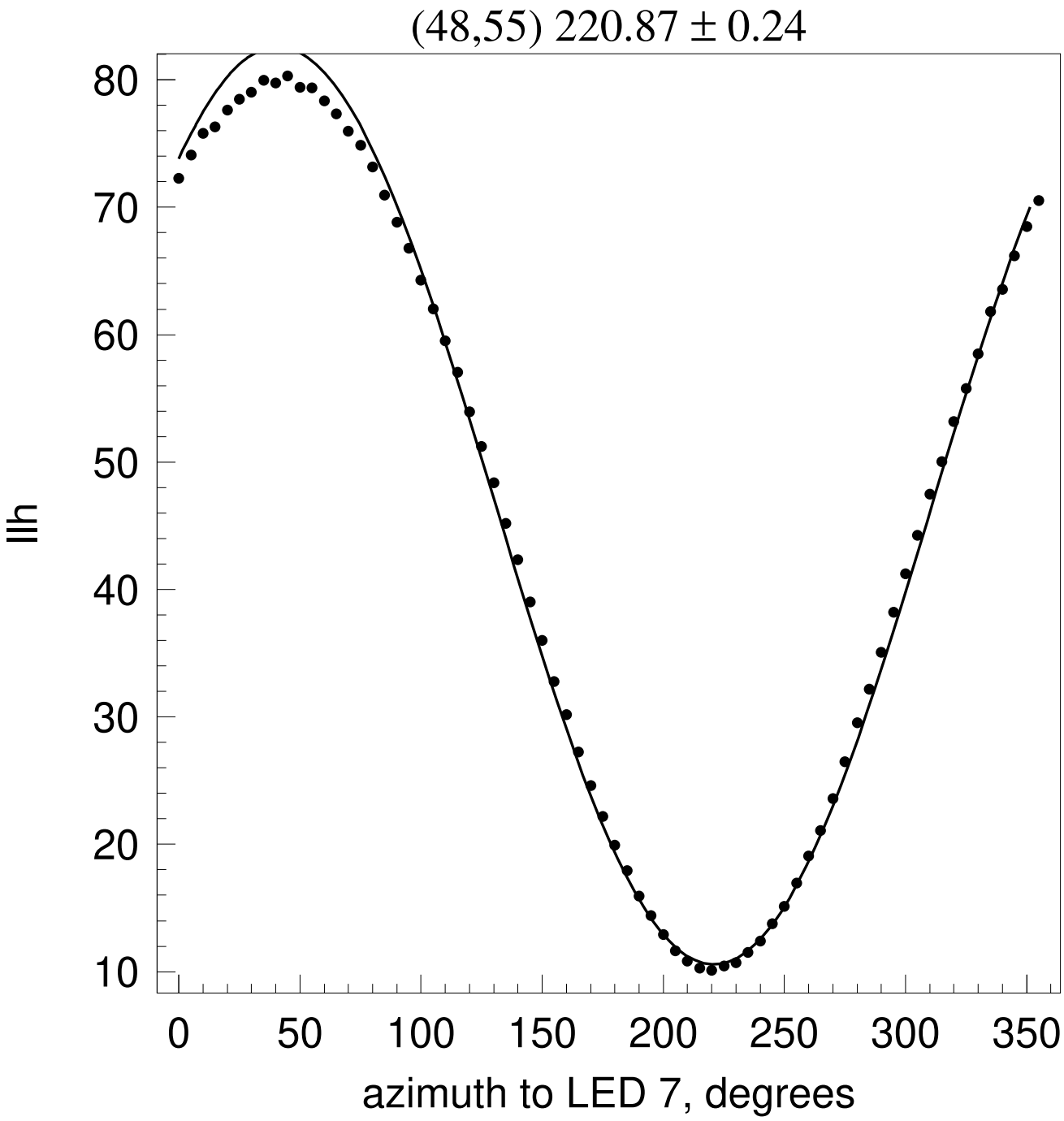

(48,50) 28.09 ± 0.70
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

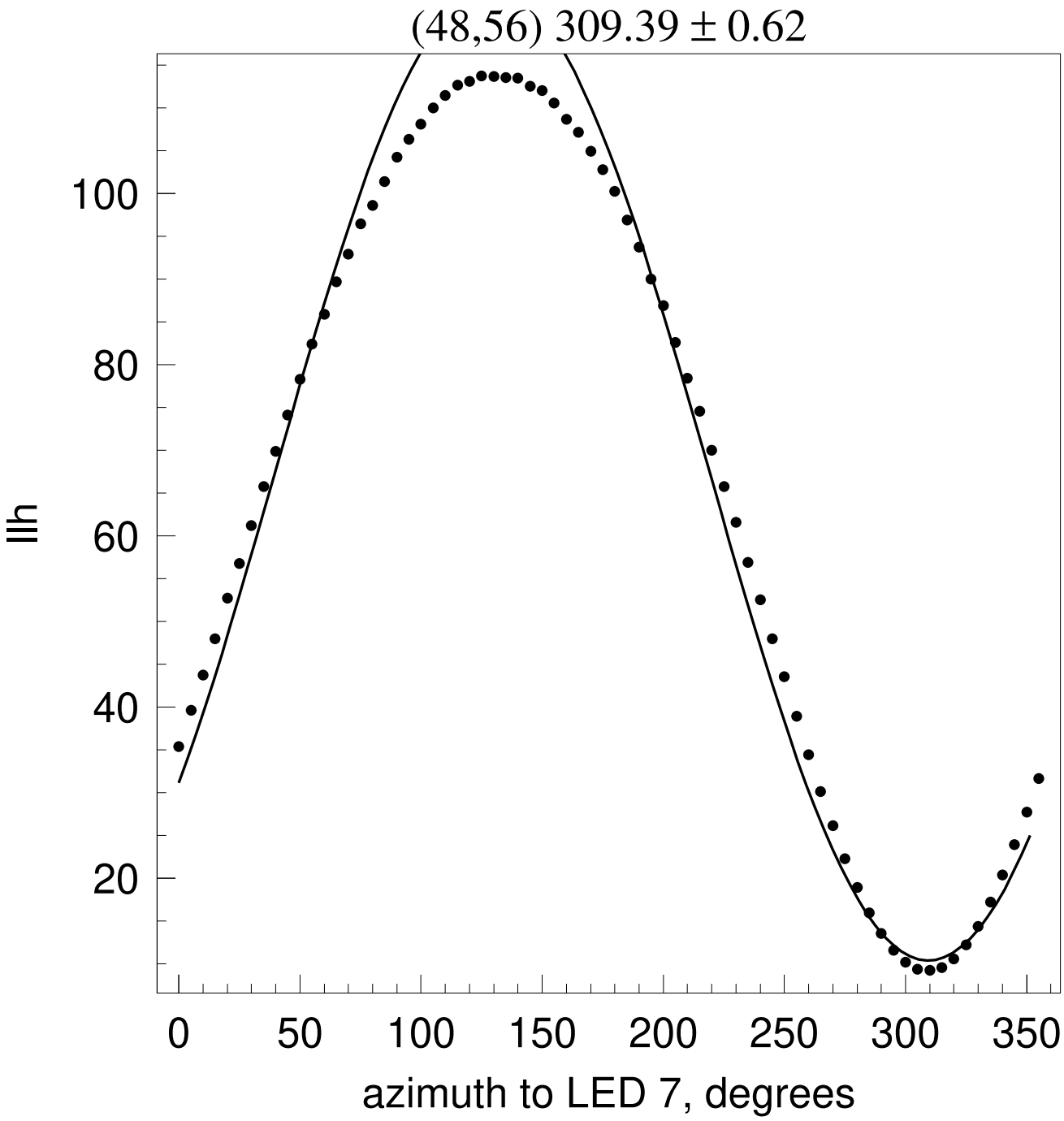

(48,51) 266.01 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

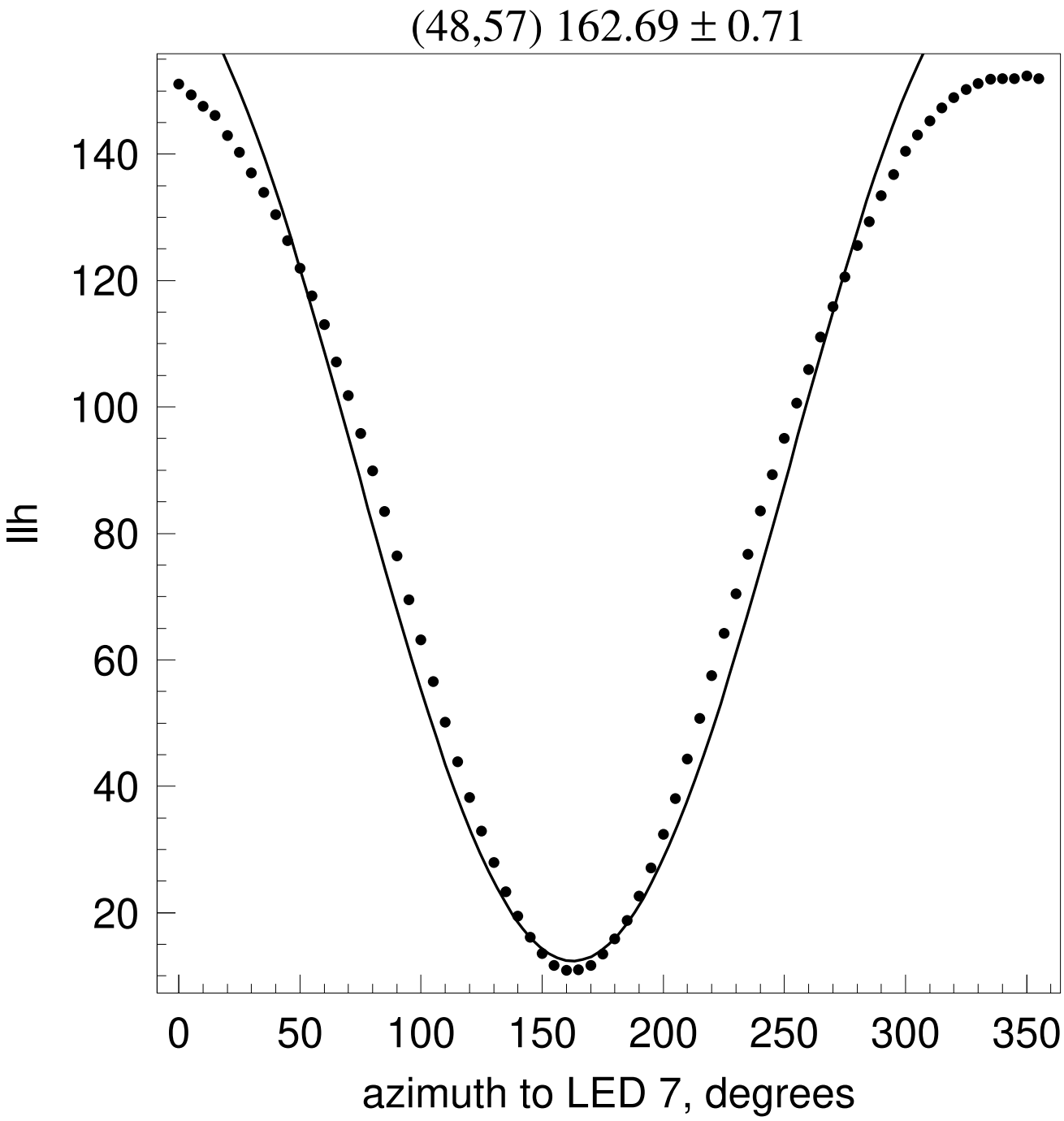

(48,52) 196.40 ± 0.55
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

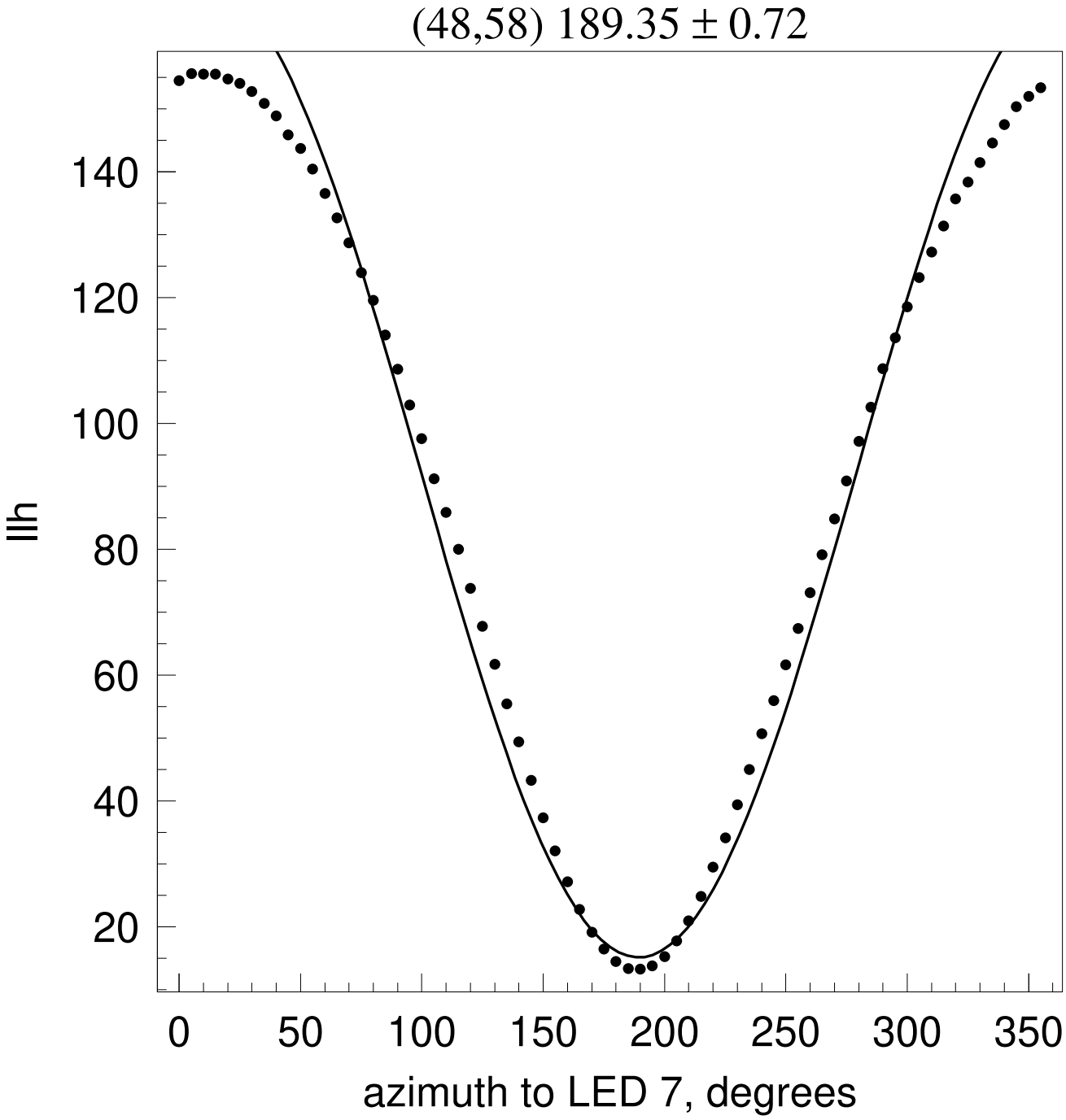

(48,53) 64.00 ± 0.29
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

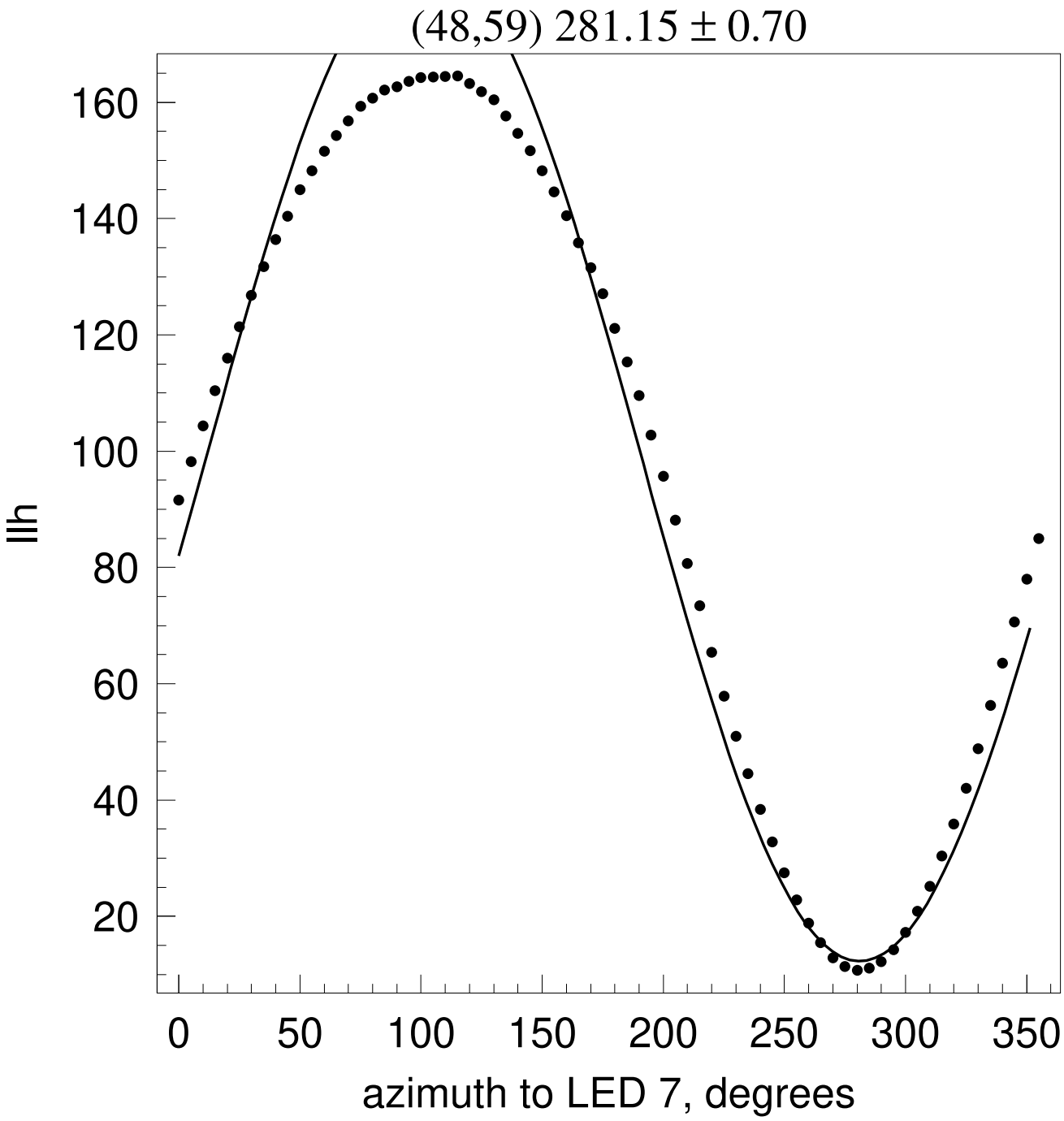

(48,54) 113.22 ± 0.30
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

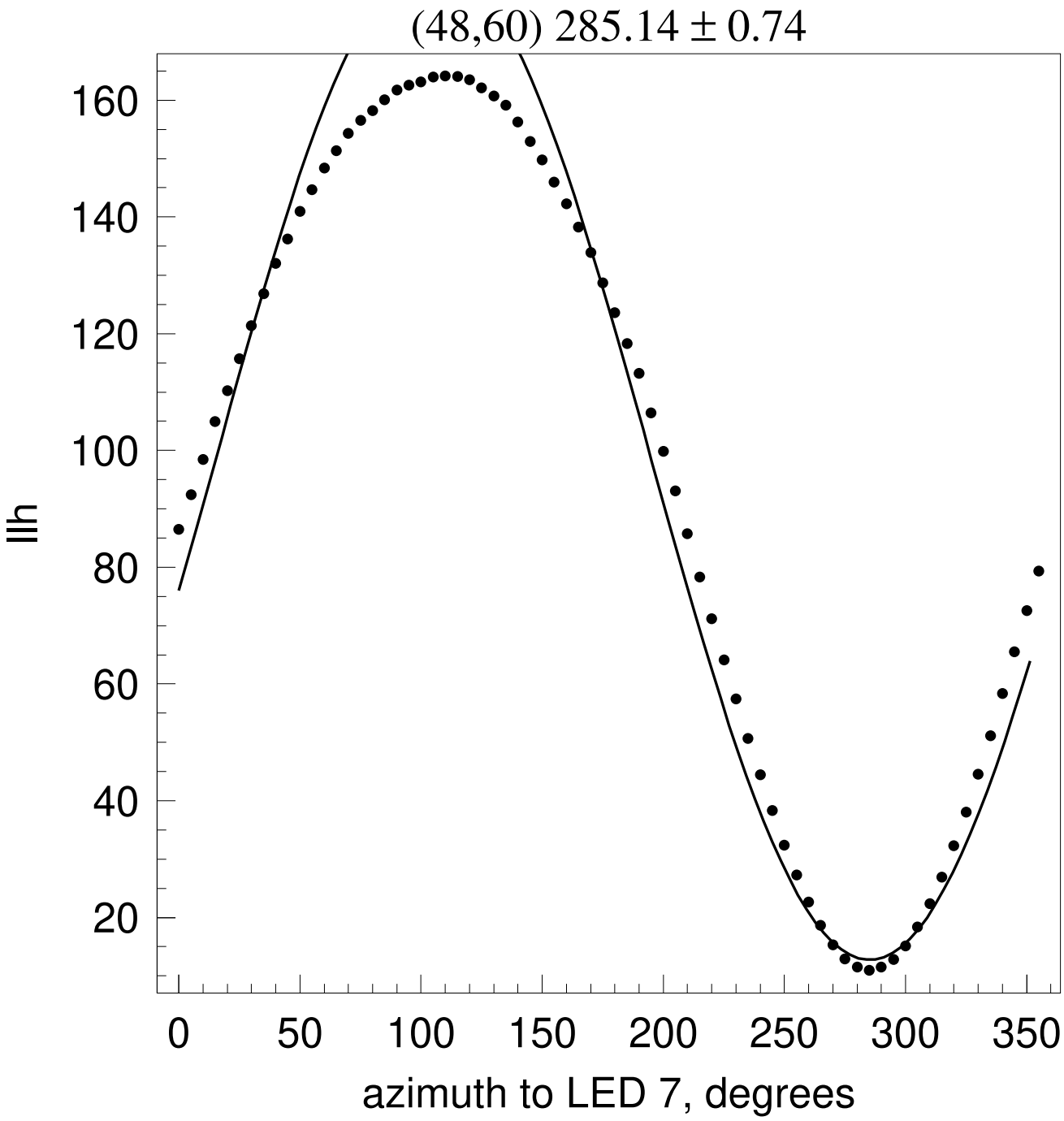

(48,55) 220.87 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

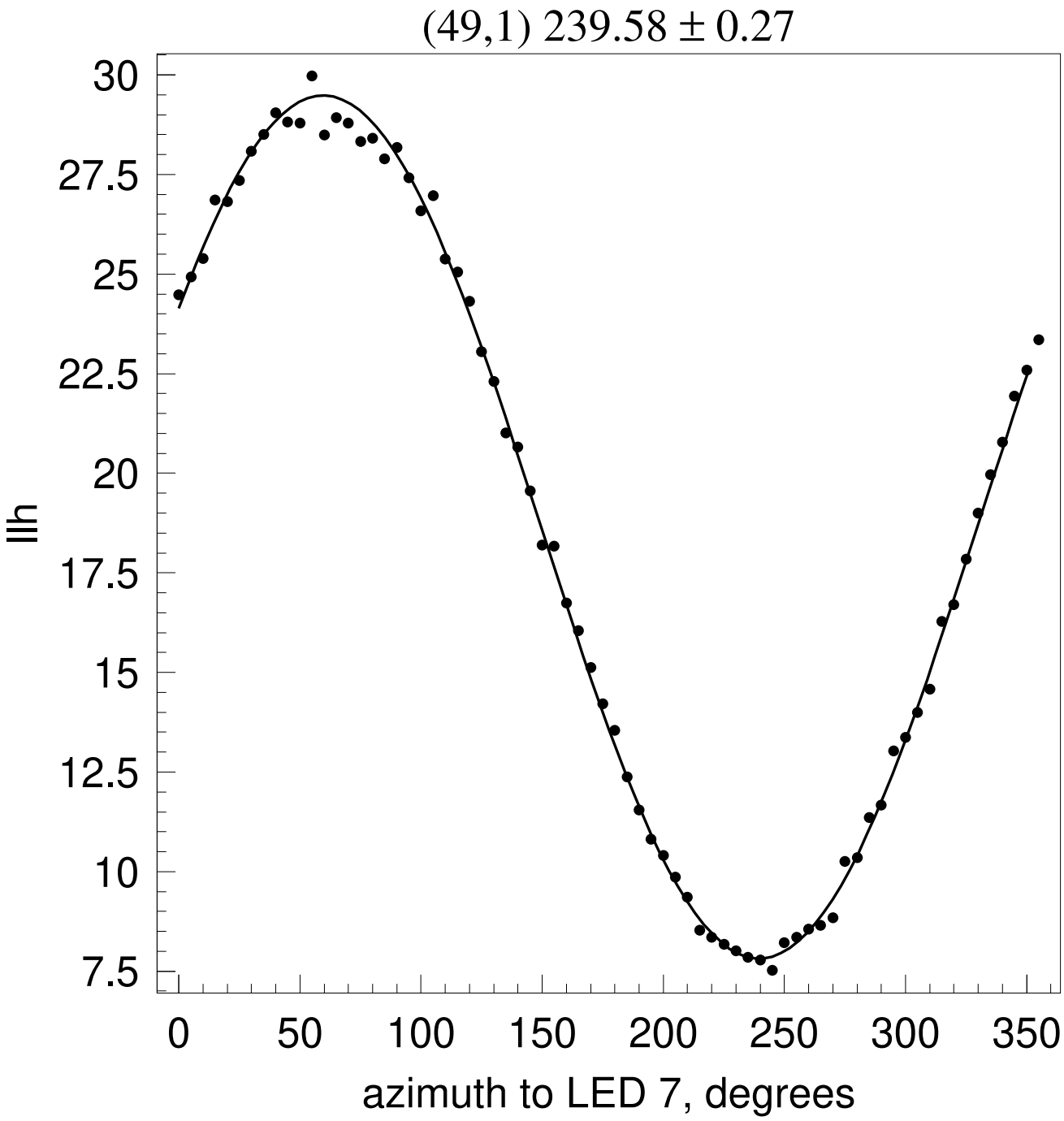

(48,56) 309.39 ± 0.62
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

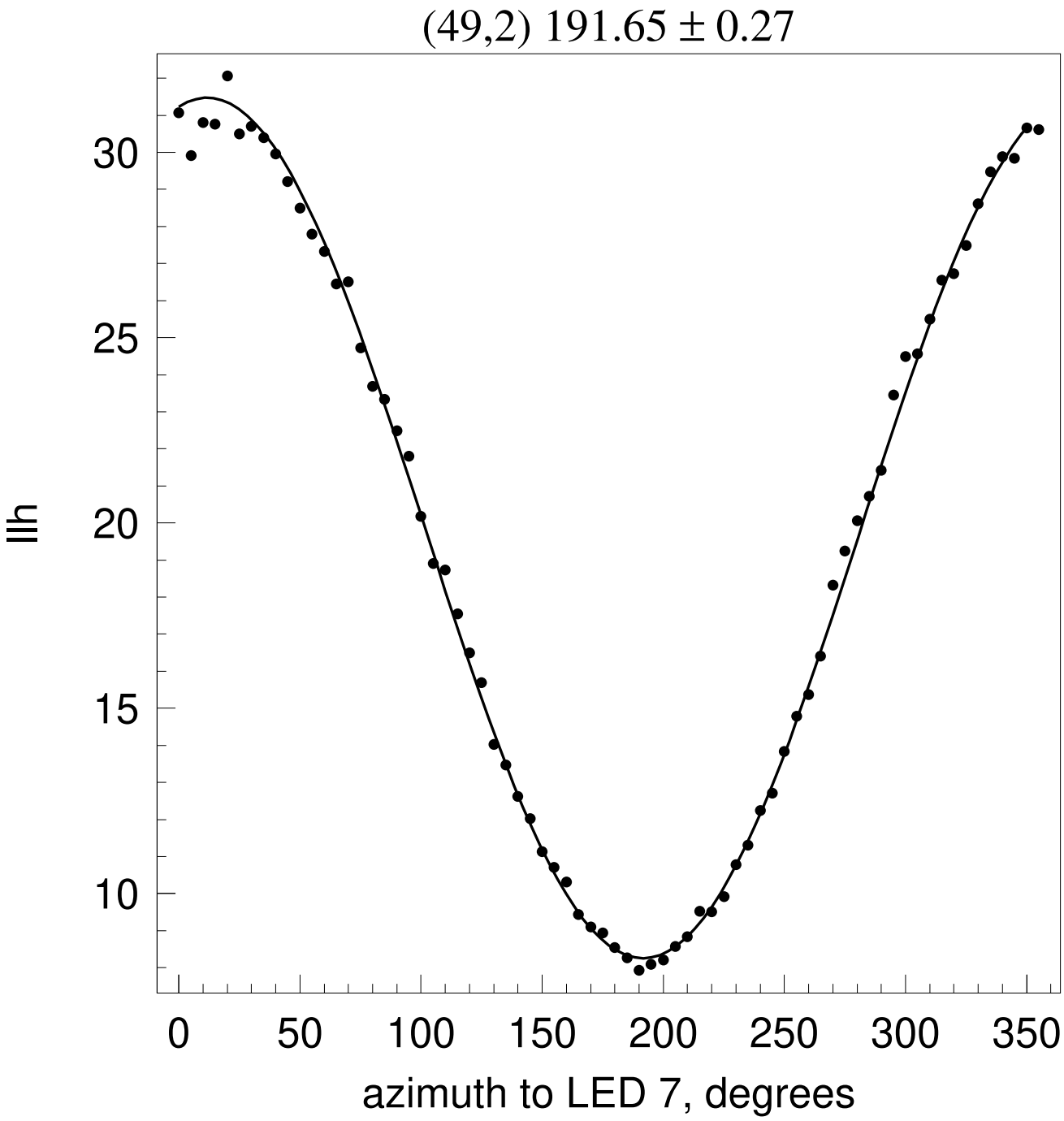

(48,57) 162.69 ± 0.71
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

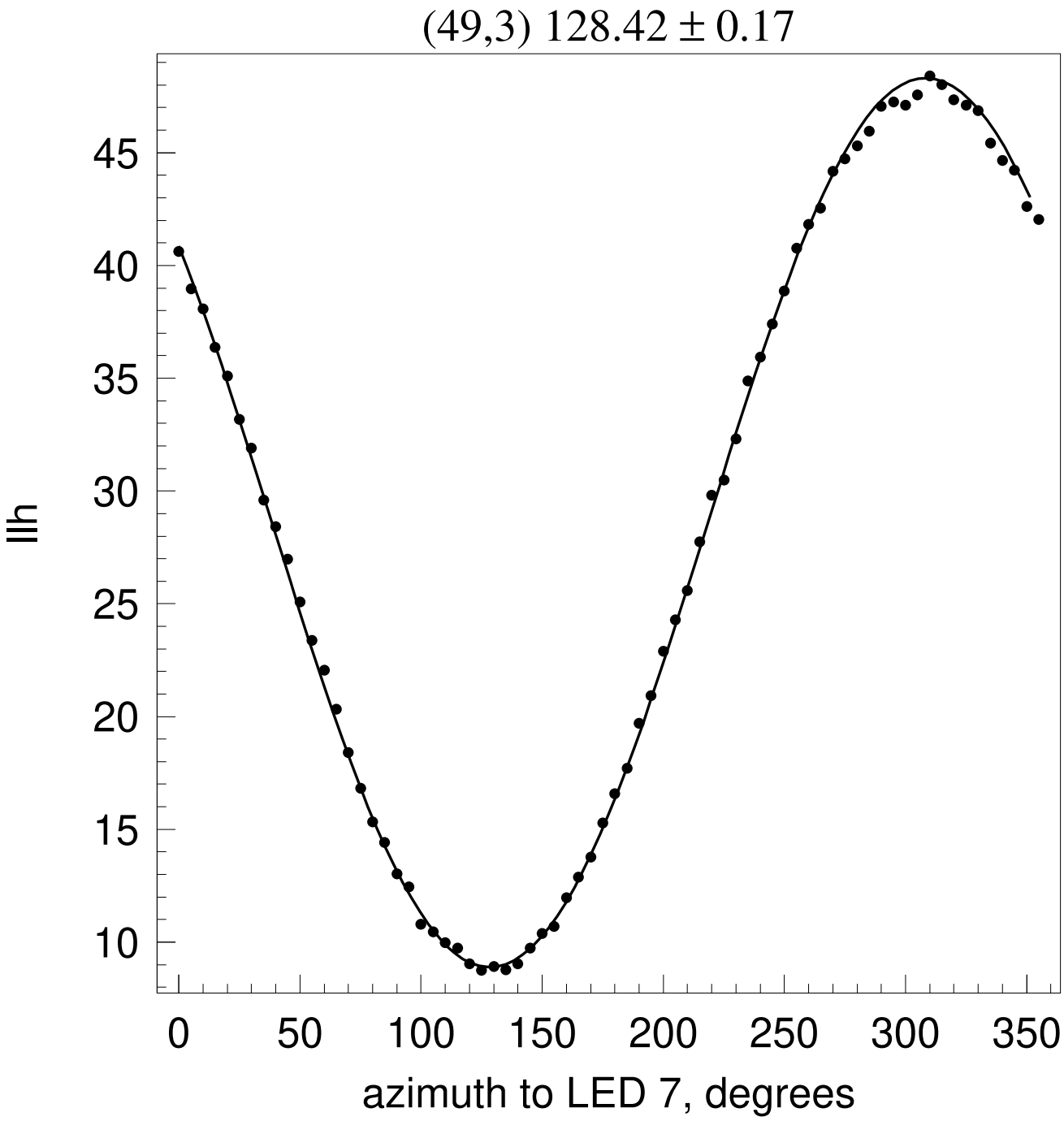

(48,58) 189.35 ± 0.72
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

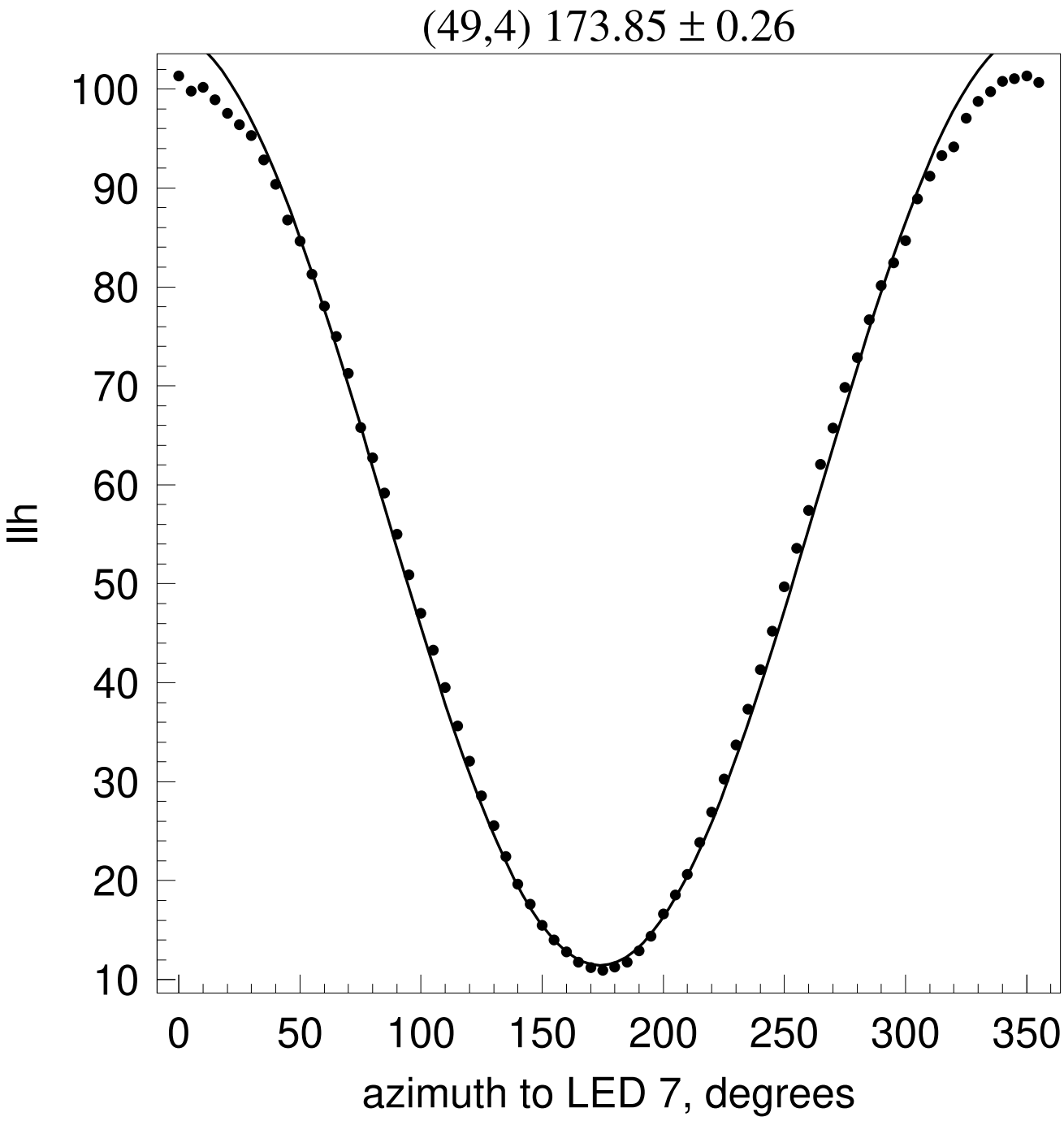

(48,59) 281.15 ± 0.70
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

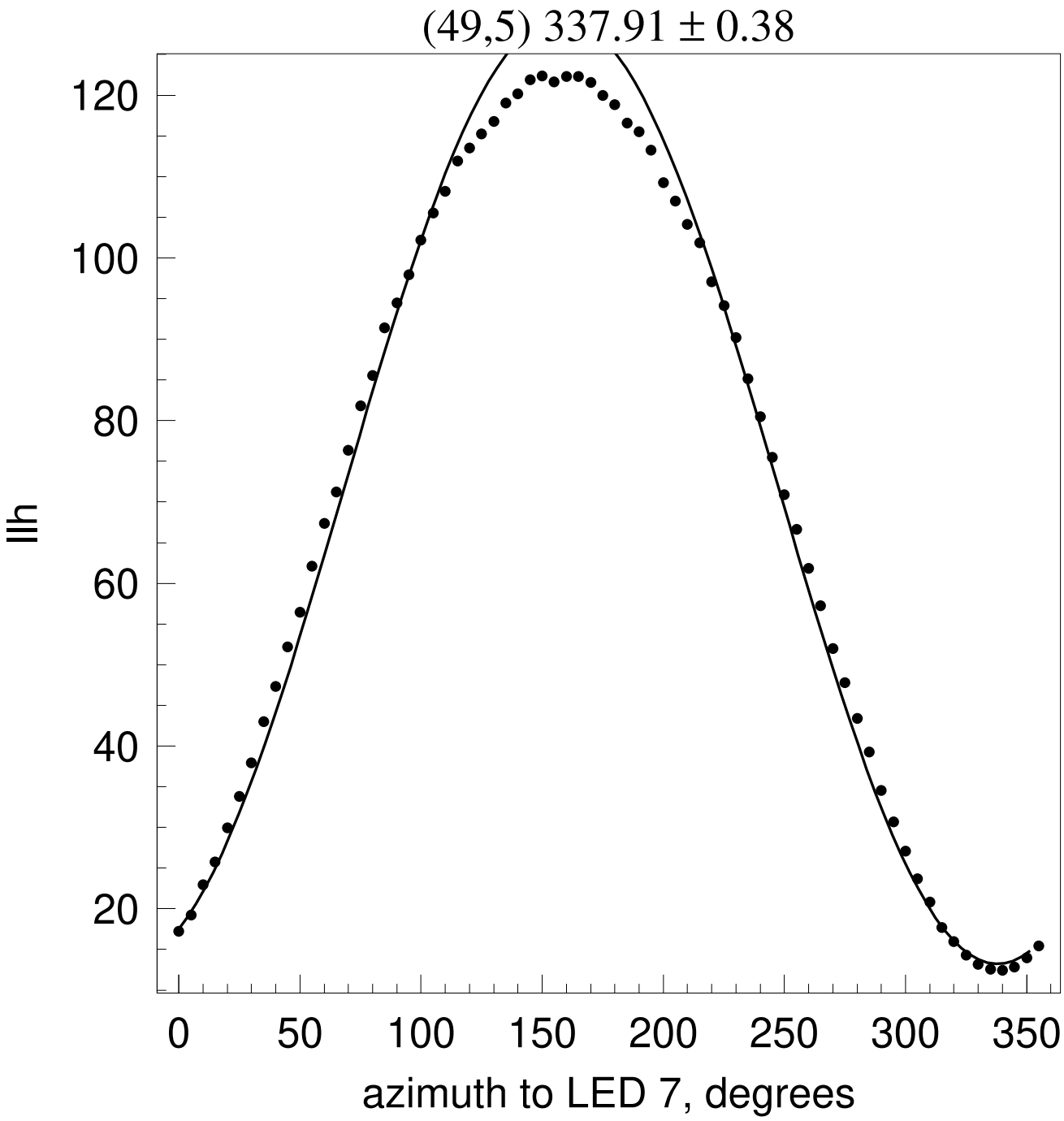

(48,60) 285.14 ± 0.74
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

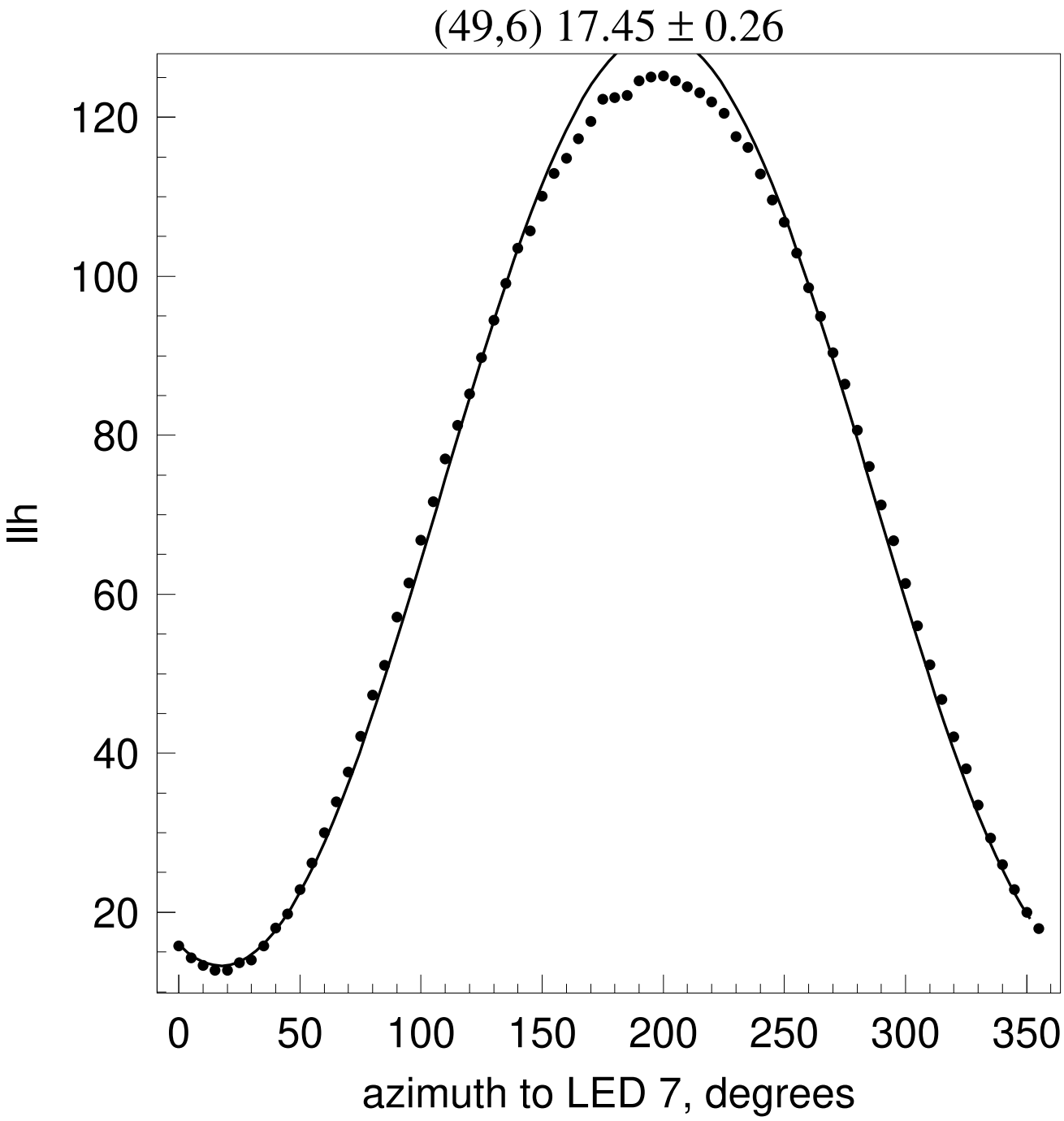

(49,1) 239.58 ± 0.27
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

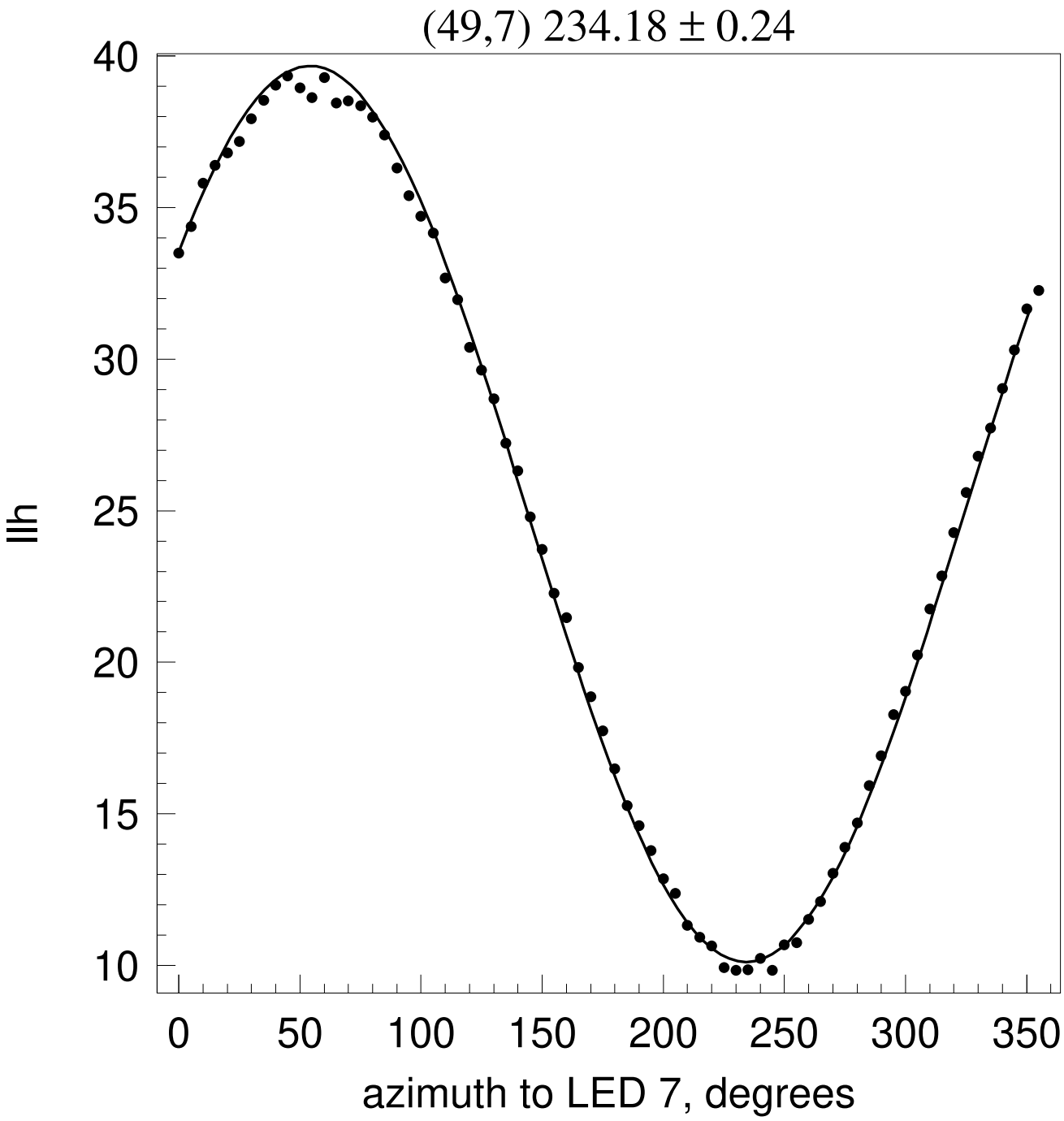

(49,2) 191.65 ± 0.27
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

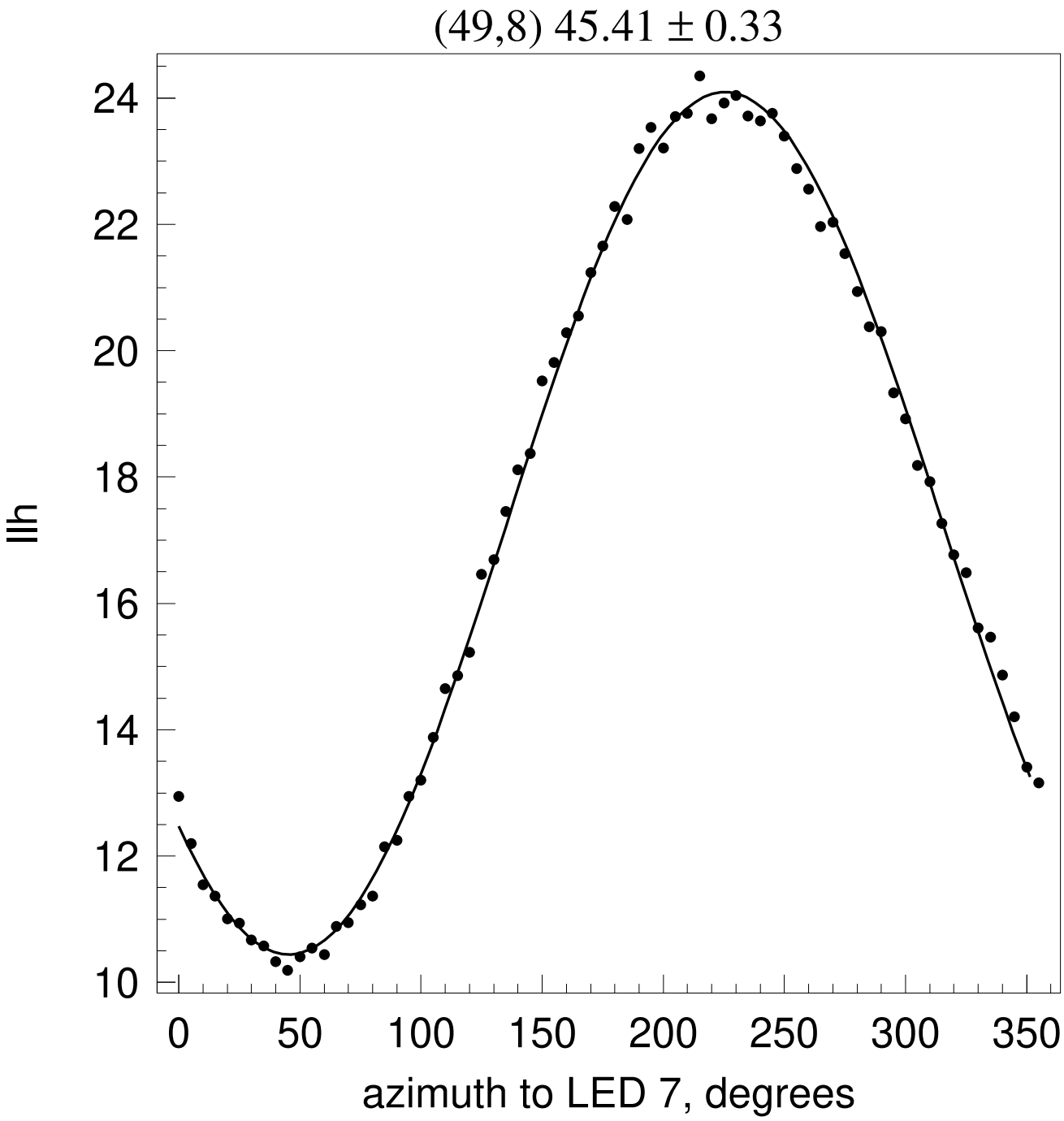

(49,3) 128.42 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

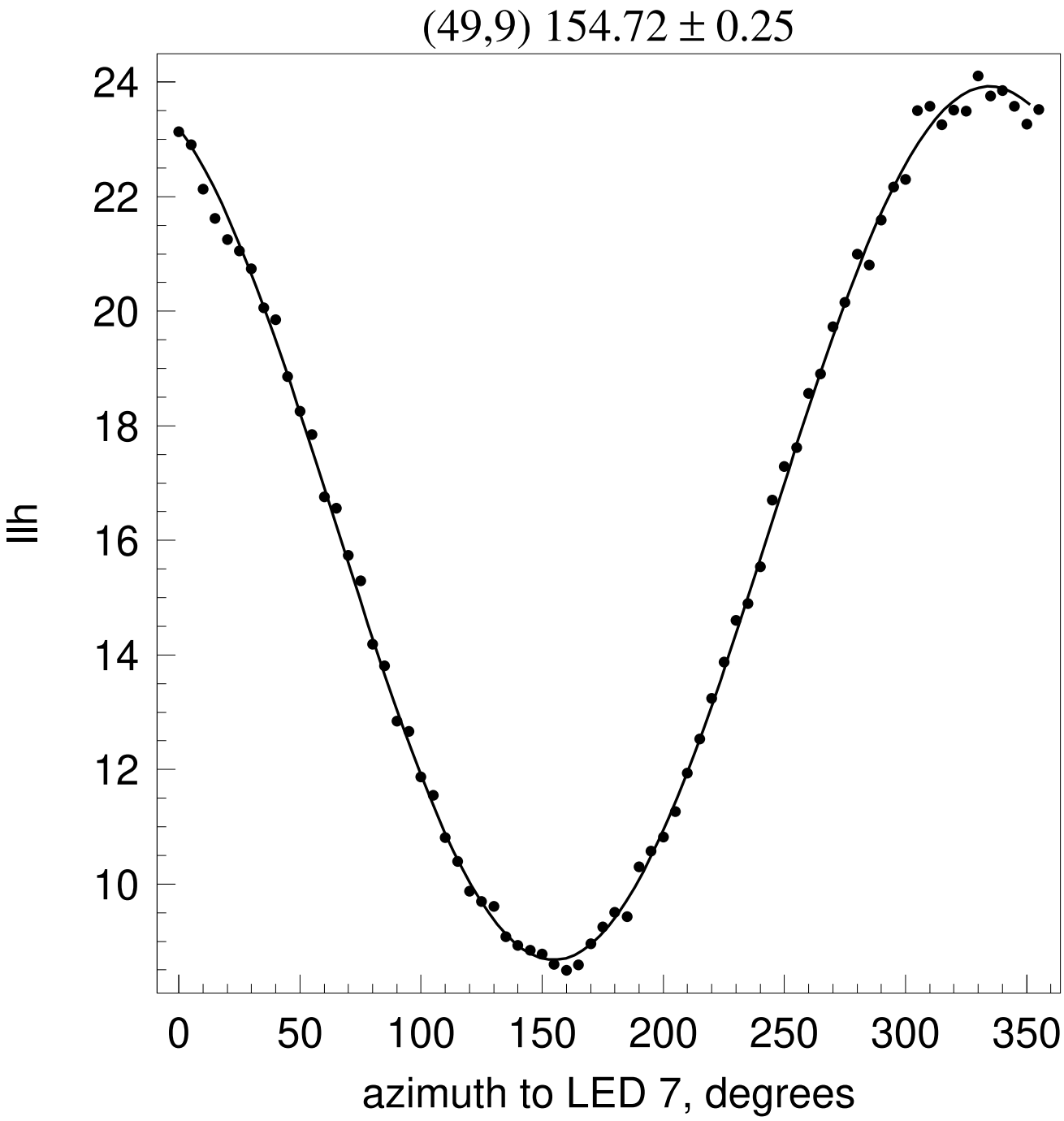

(49,4) 173.85 ± 0.26
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

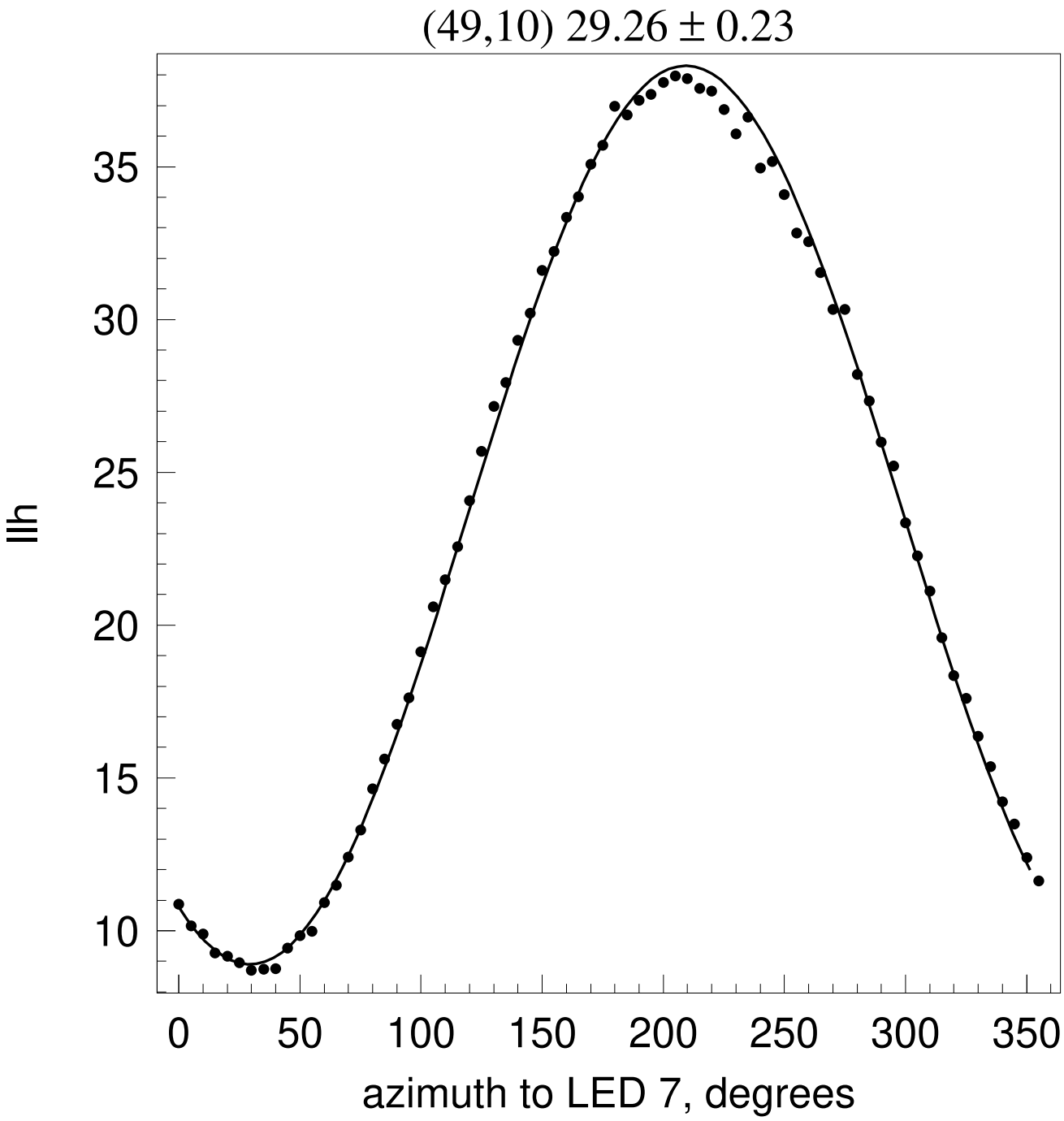

(49,5) 337.91 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

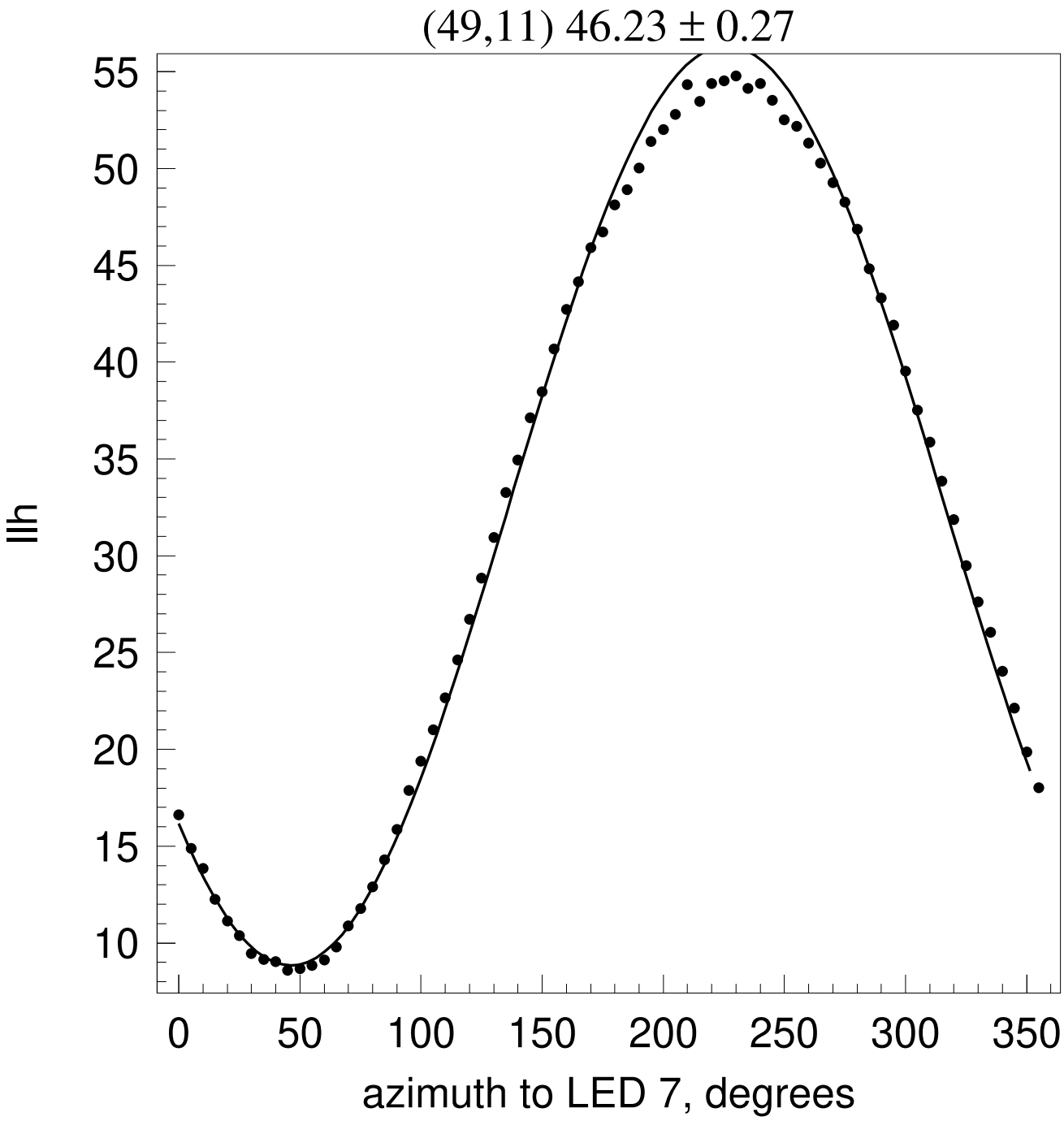

(49,6) 17.45 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

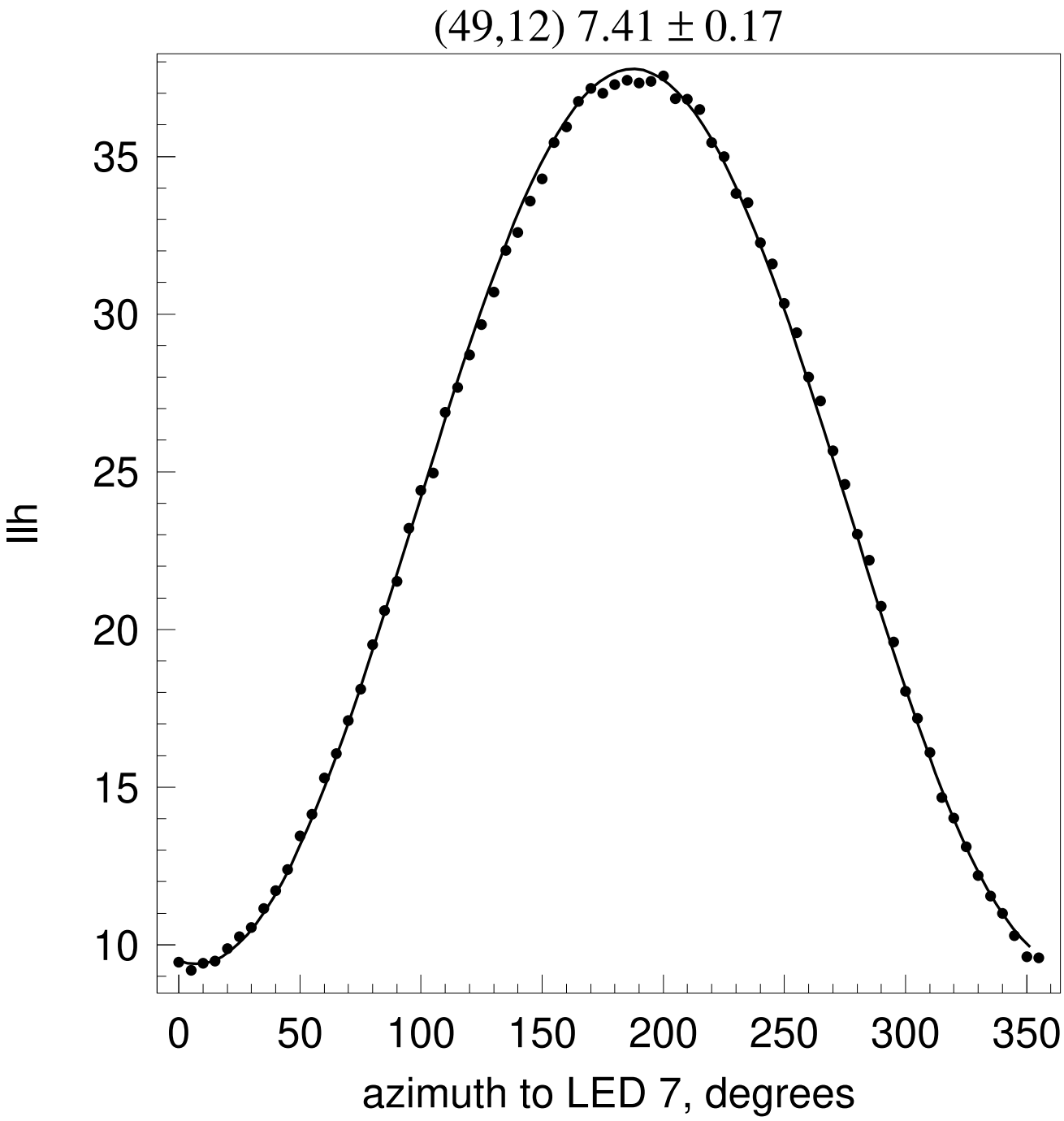

(49,7) 234.18 ± 0.24
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

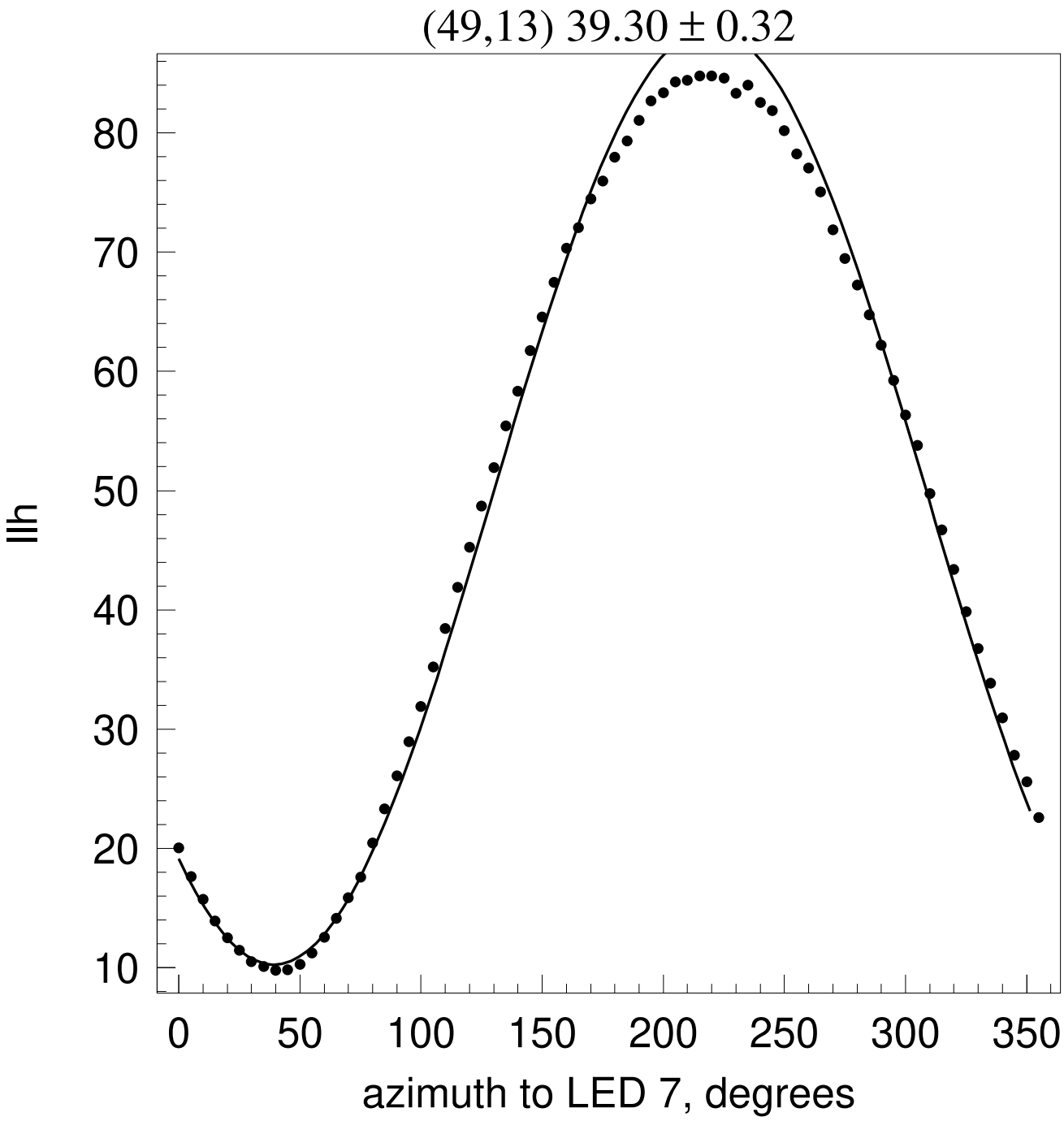

(49,8) 45.41 ± 0.33
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

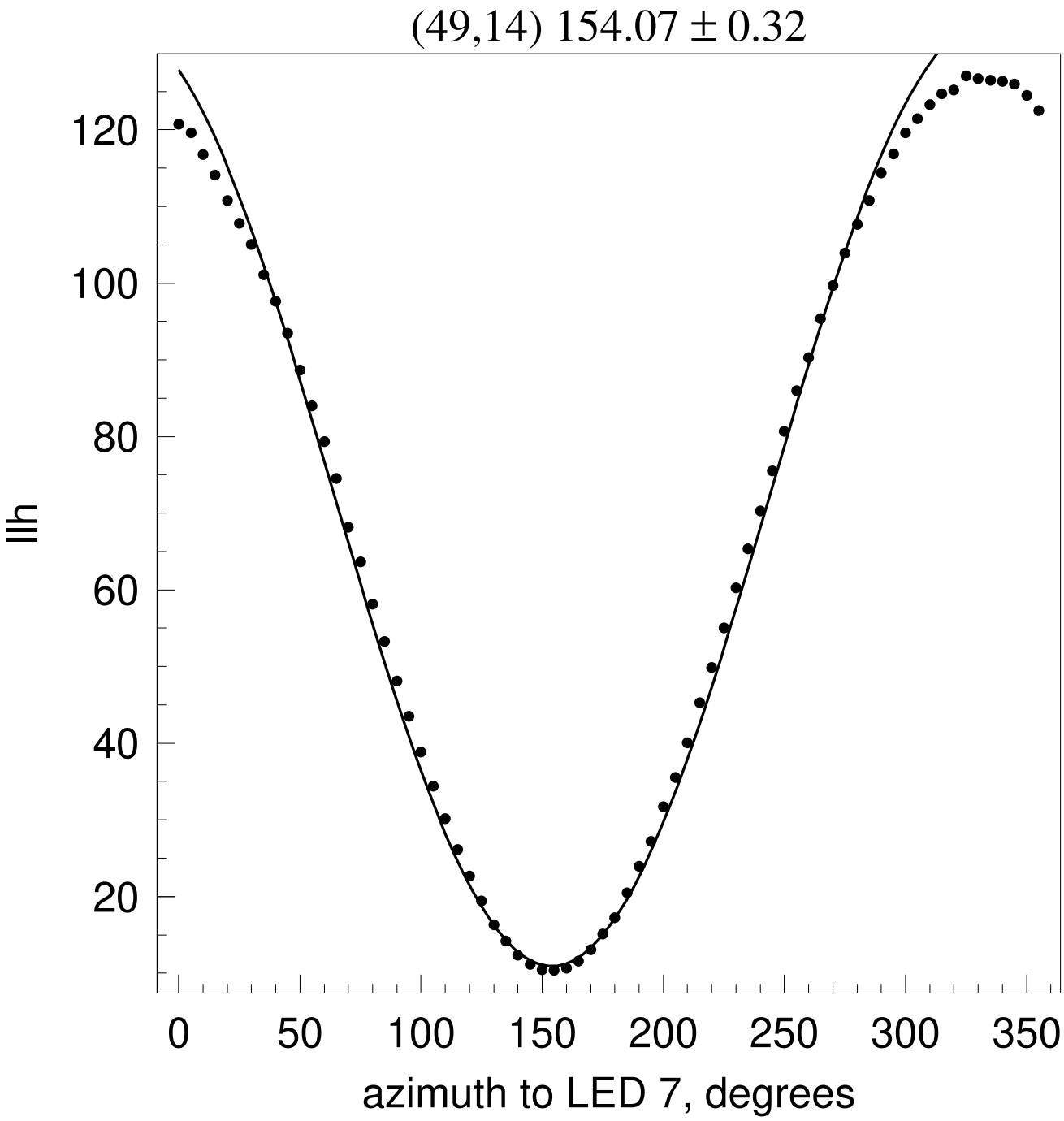

(49,9) 154.72 ± 0.25
24
22
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

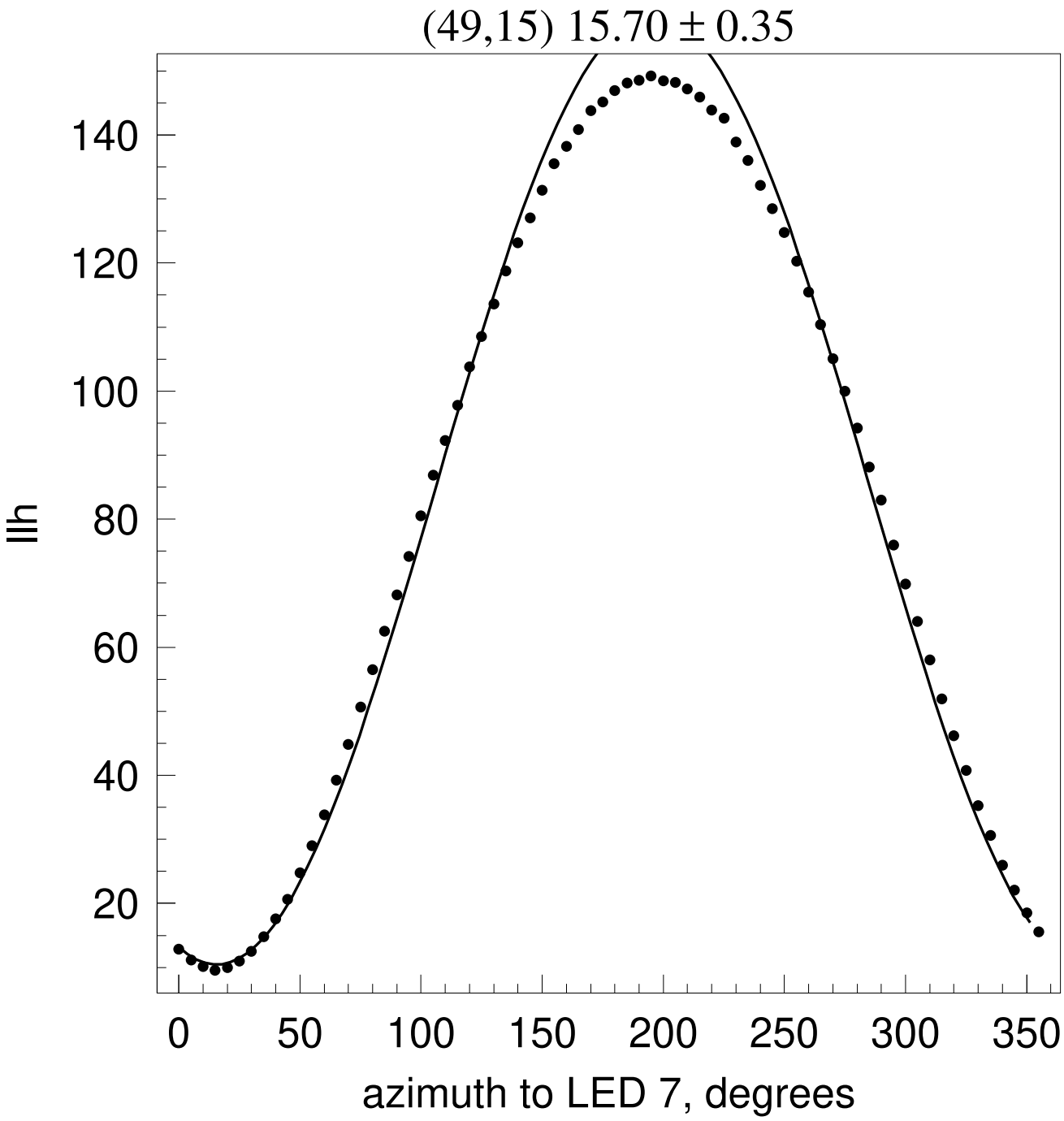

(49,10) 29.26 ± 0.23
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

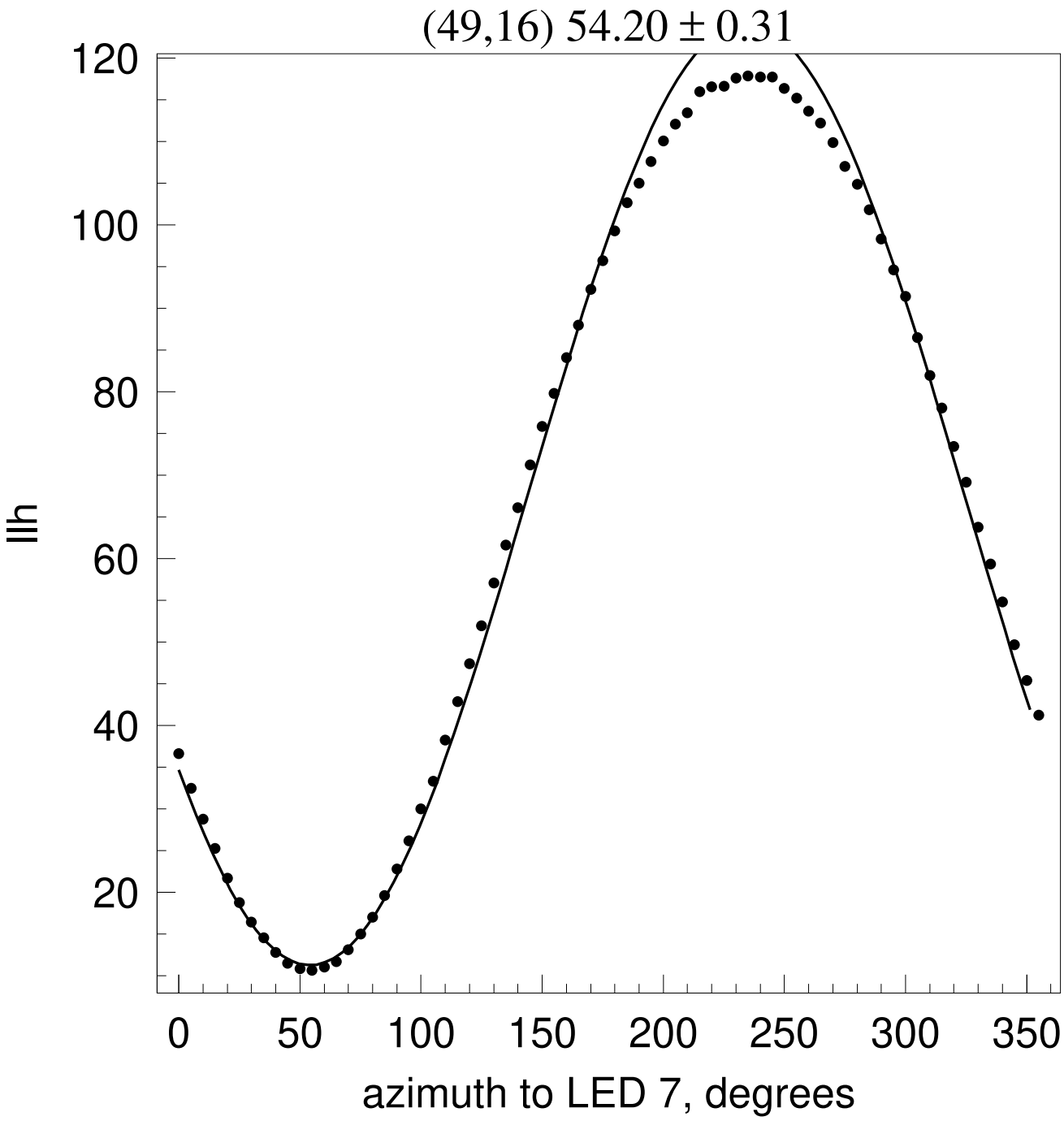

(49,11) 46.23 ± 0.27
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

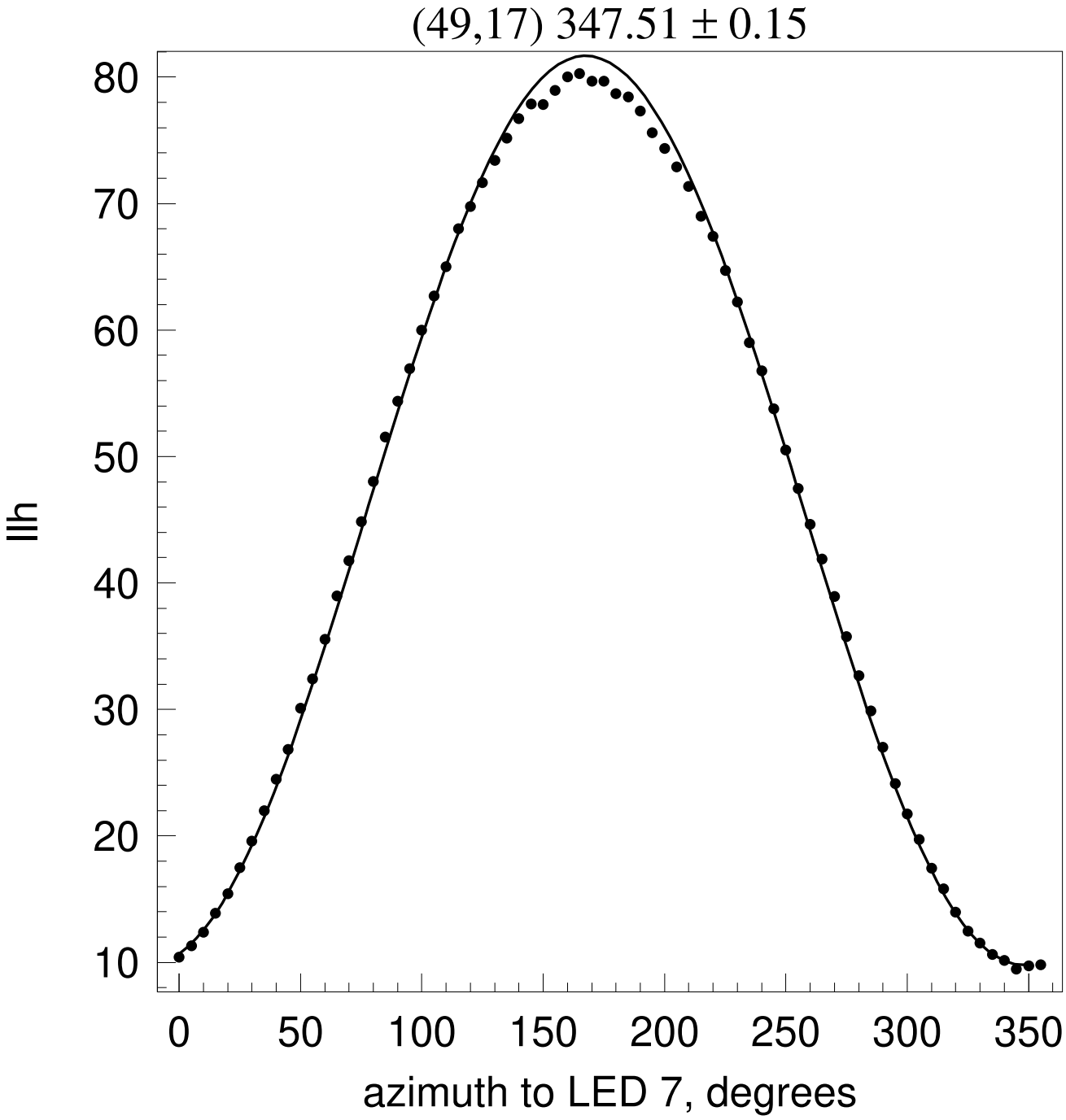

(49,12) 7.41 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

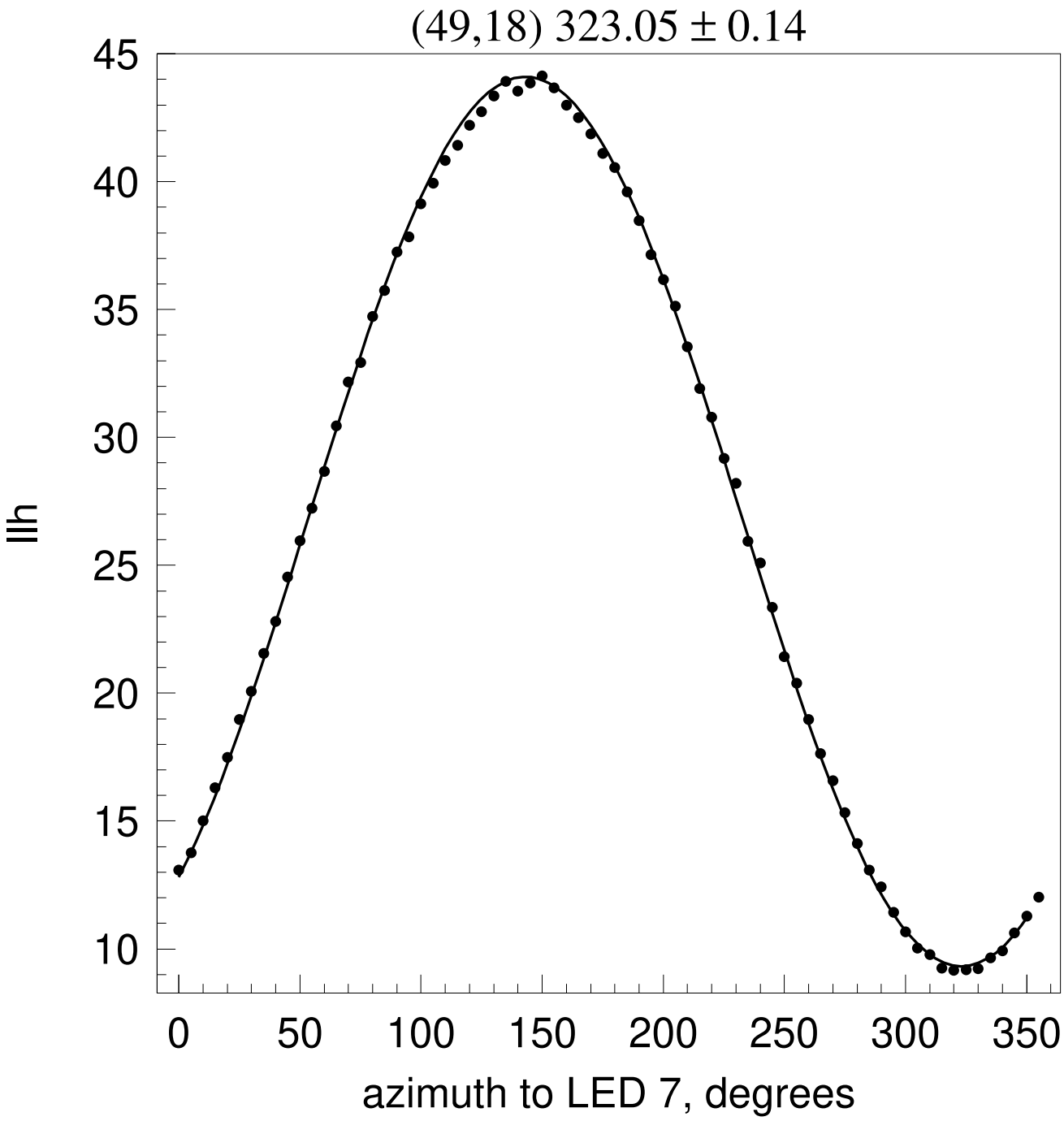

(49,13) 39.30 ± 0.32
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

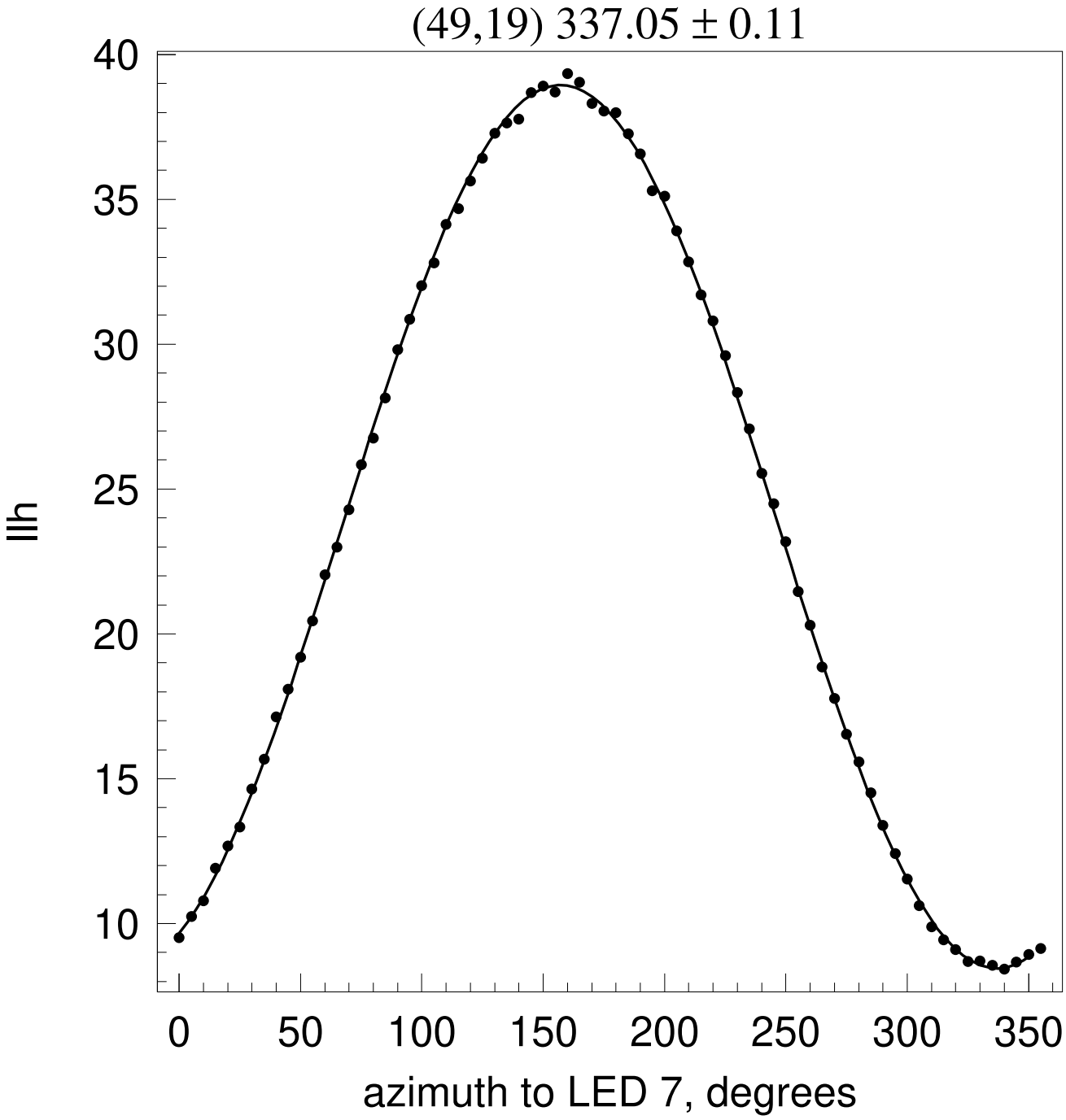

(49,14) 154.07 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

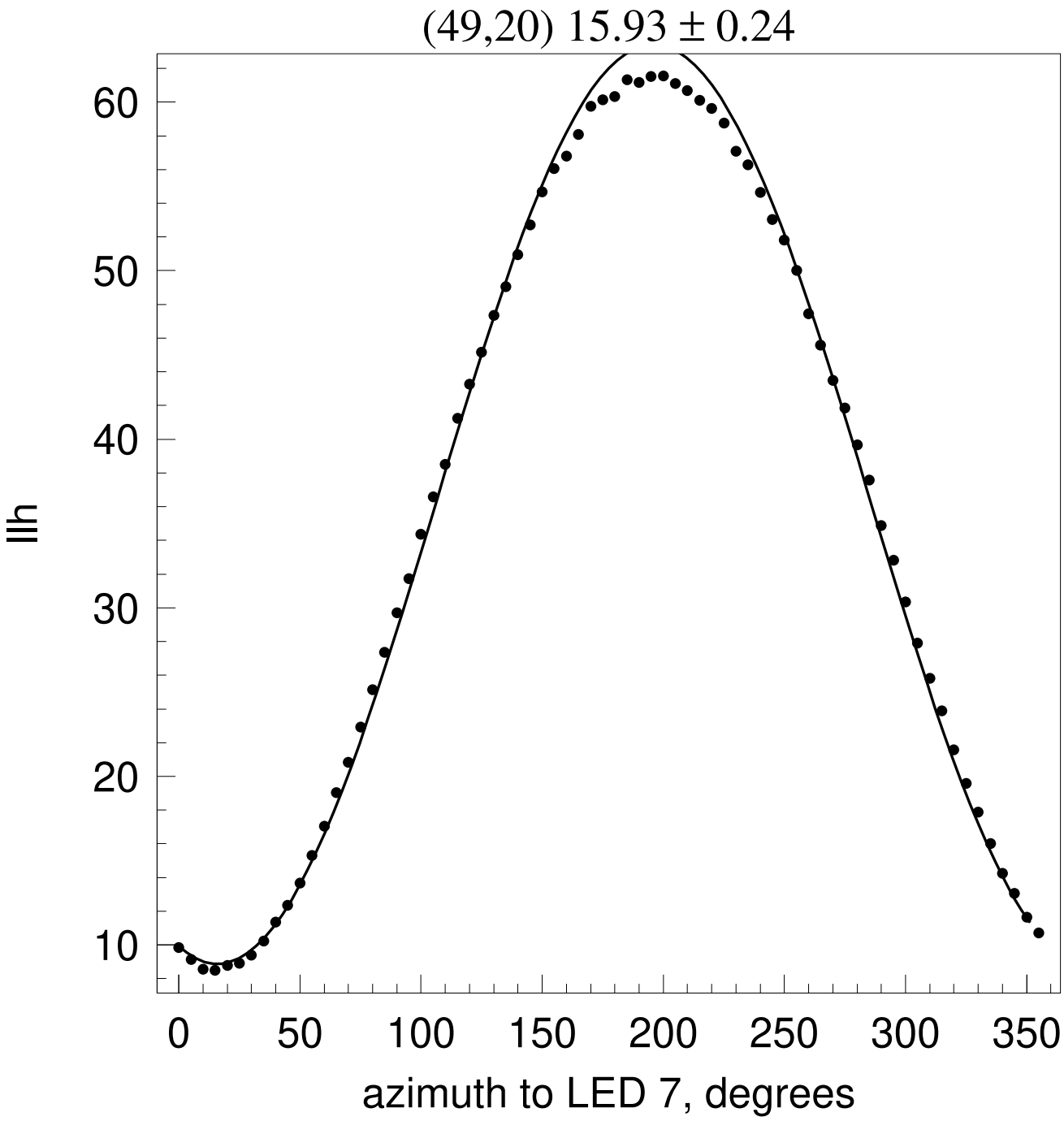

(49,15) 15.70 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

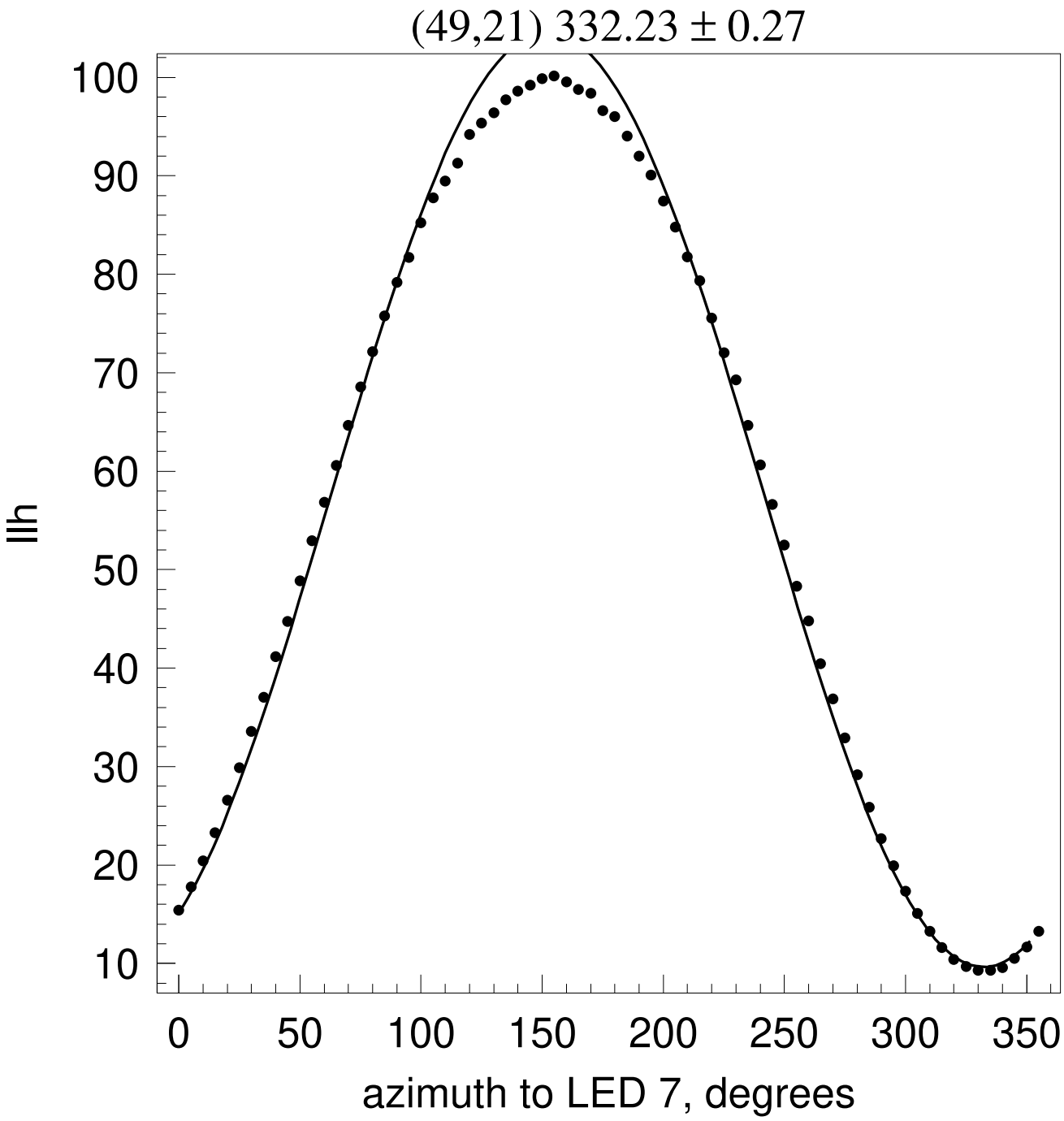

(49,16) 54.20 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

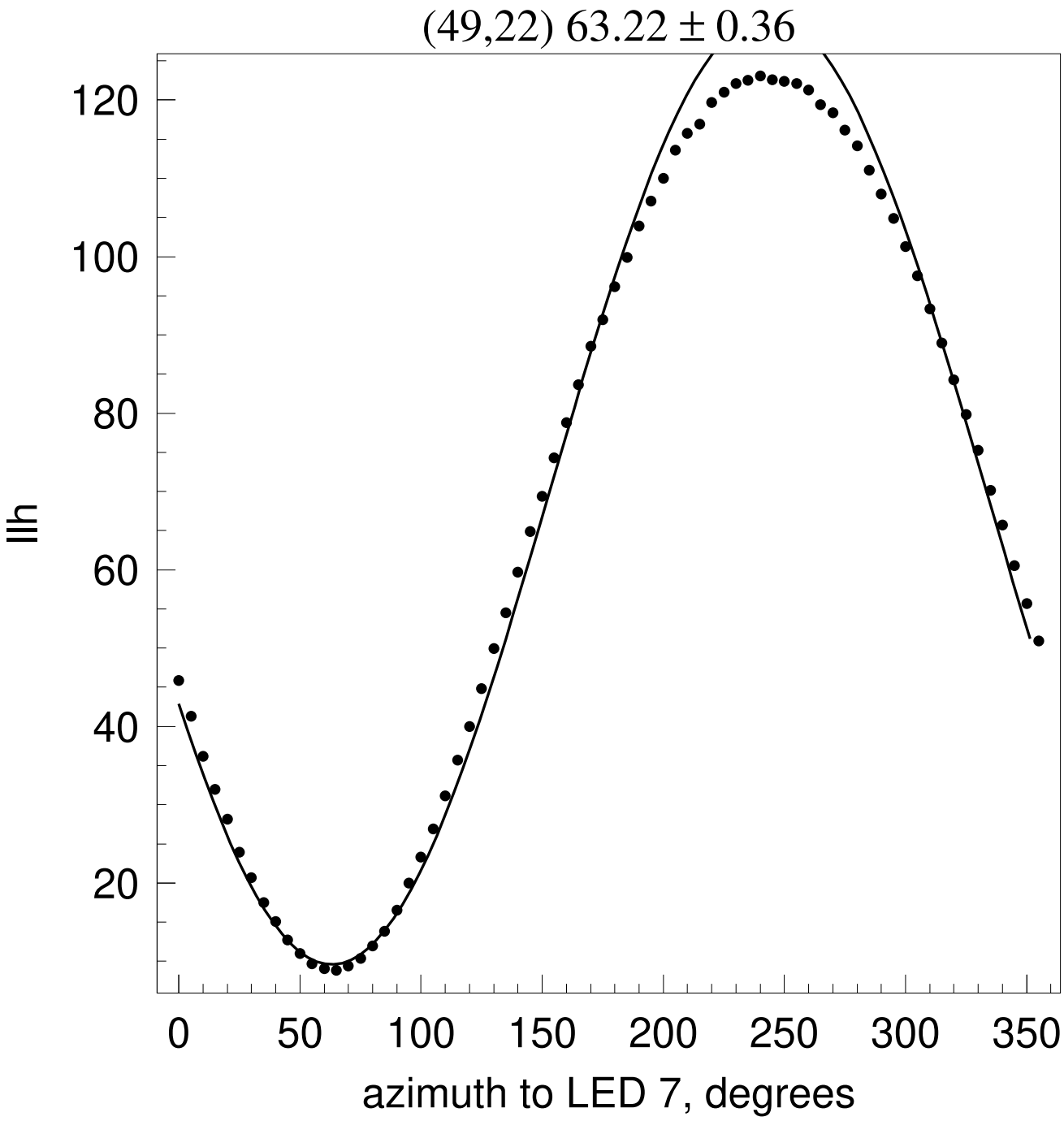

(49,17) 347.51 ± 0.15
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

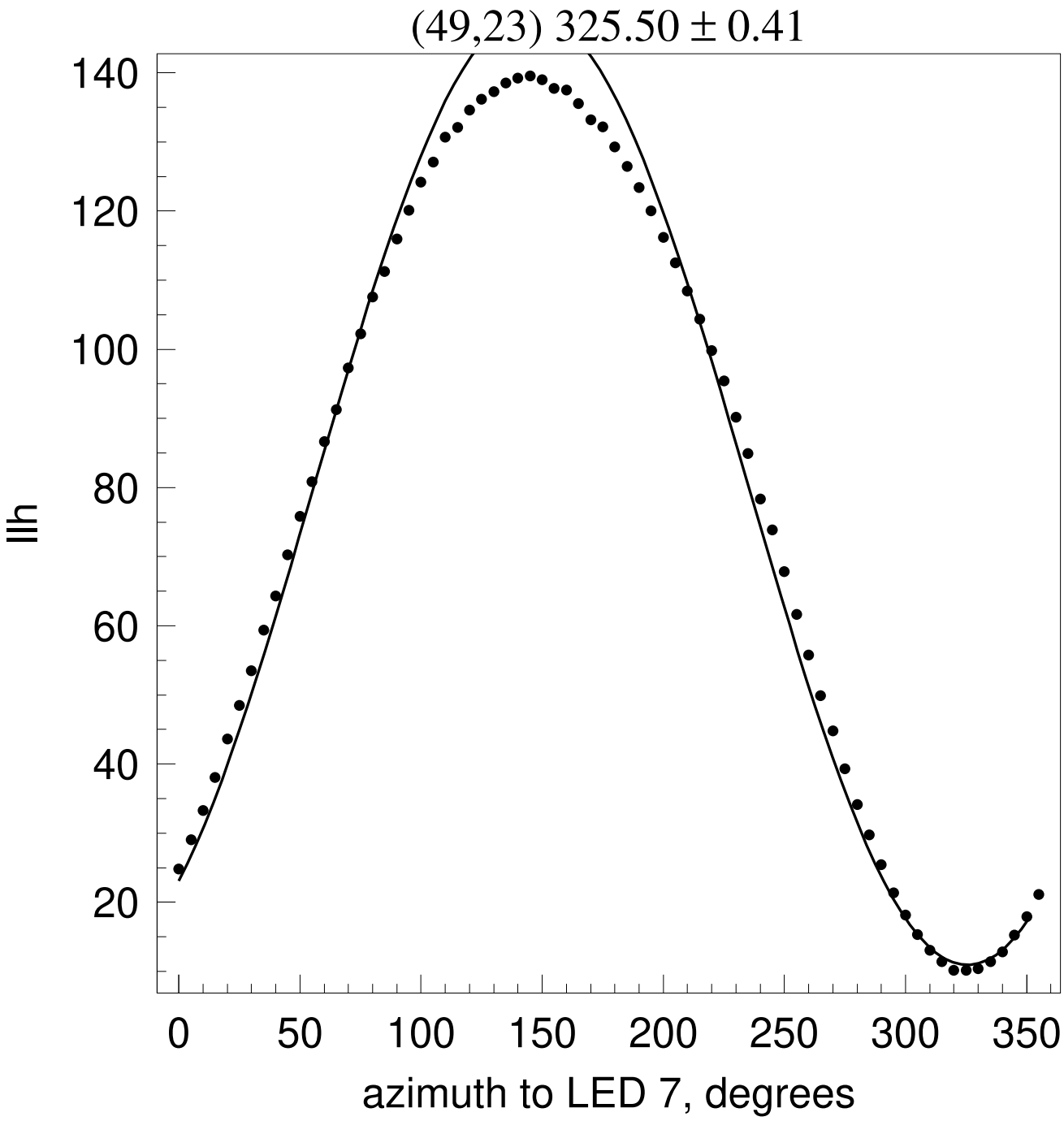

(49,18) 323.05 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

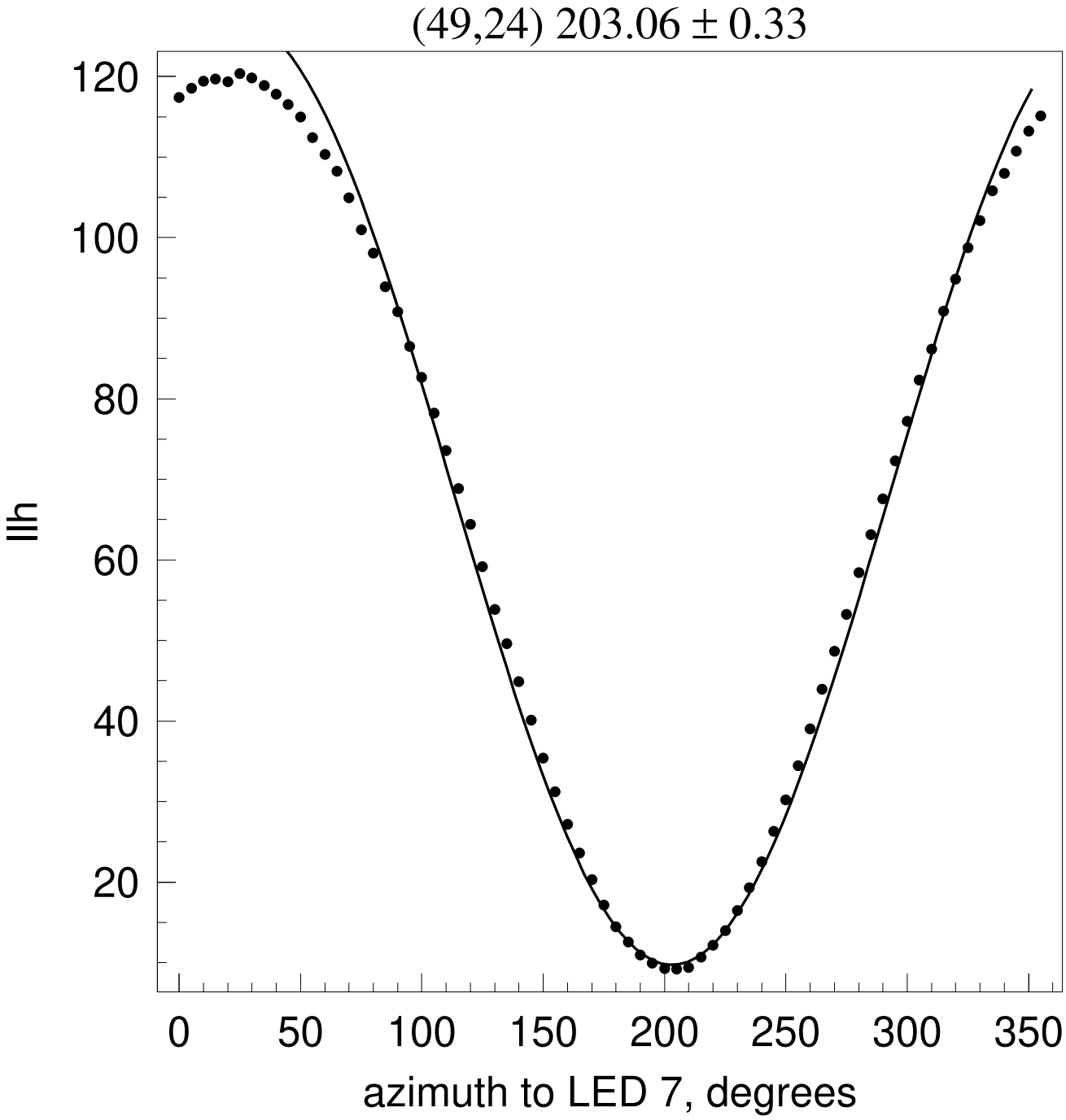

(49,19) 337.05 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

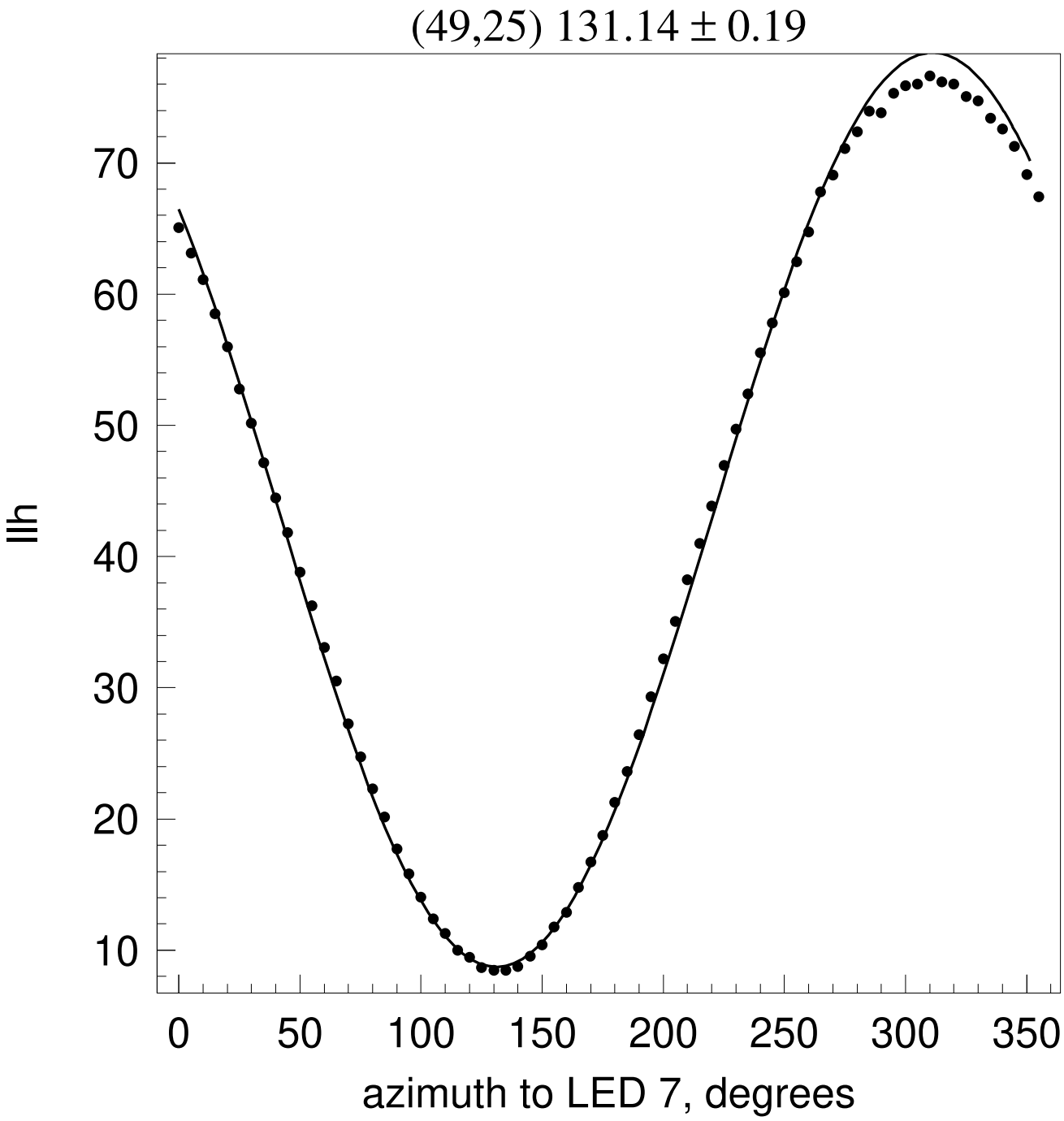

(49,20) 15.93 ± 0.24
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

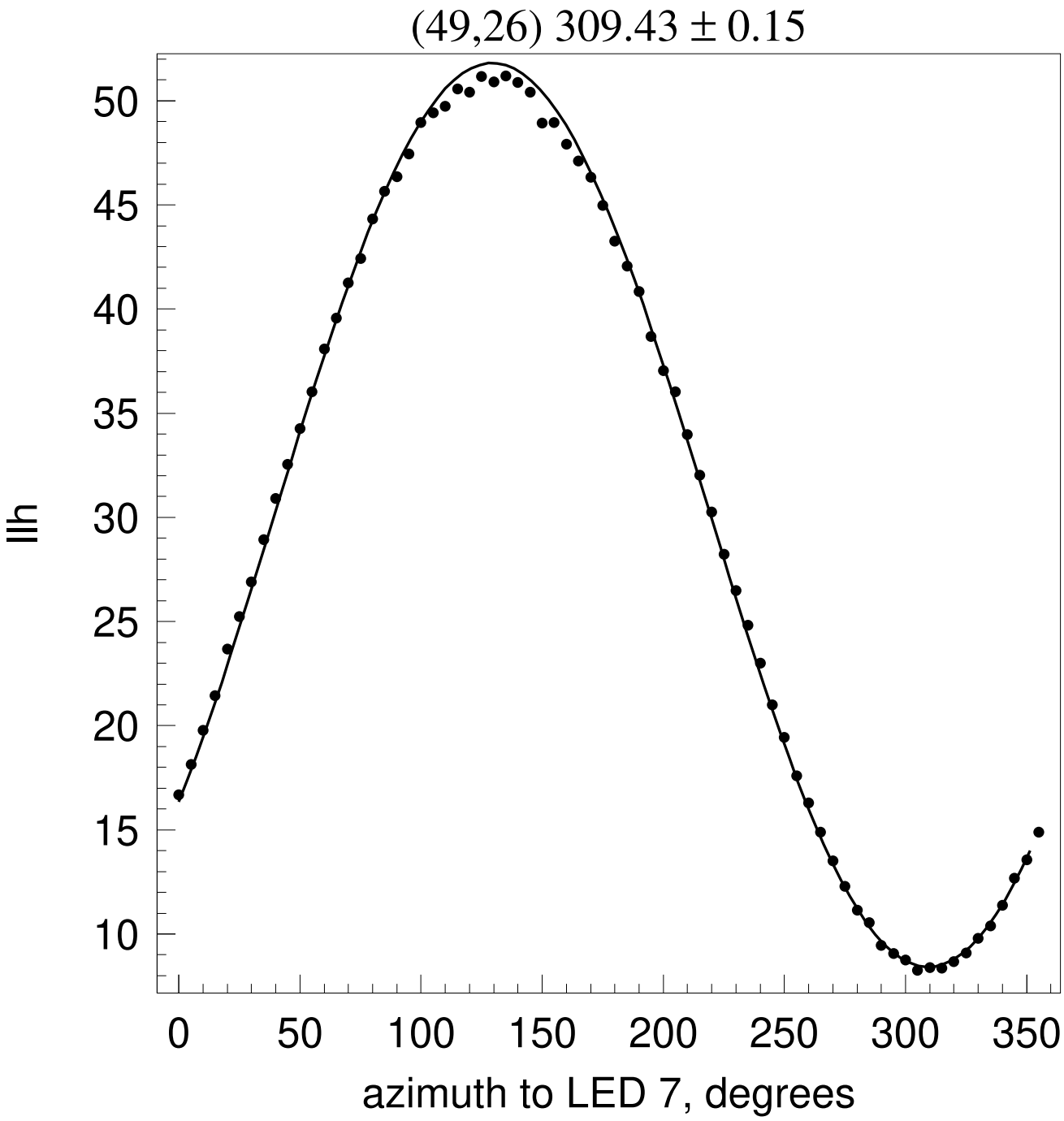

(49,21) 332.23 ± 0.27
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

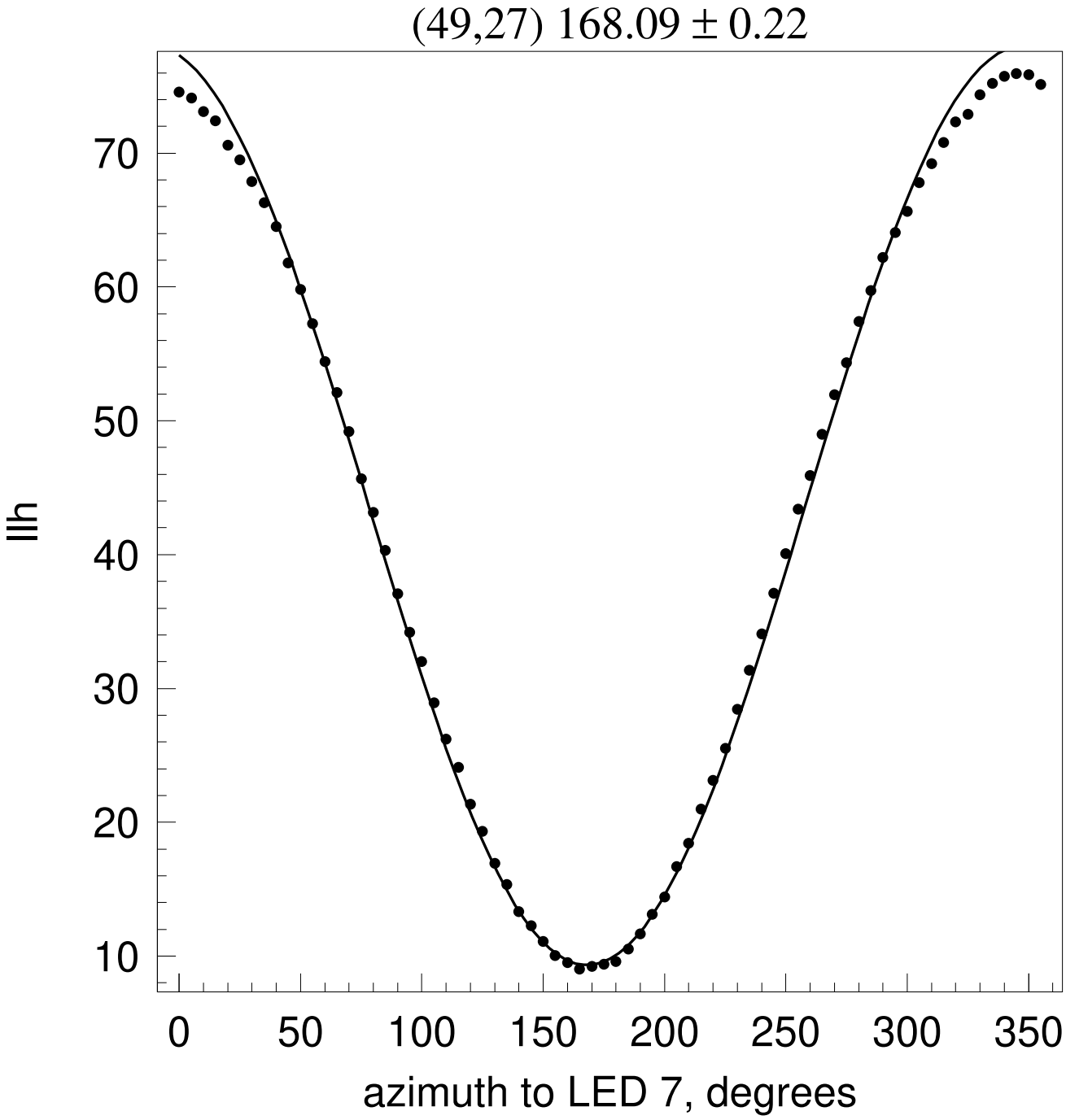

(49,22) 63.22 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

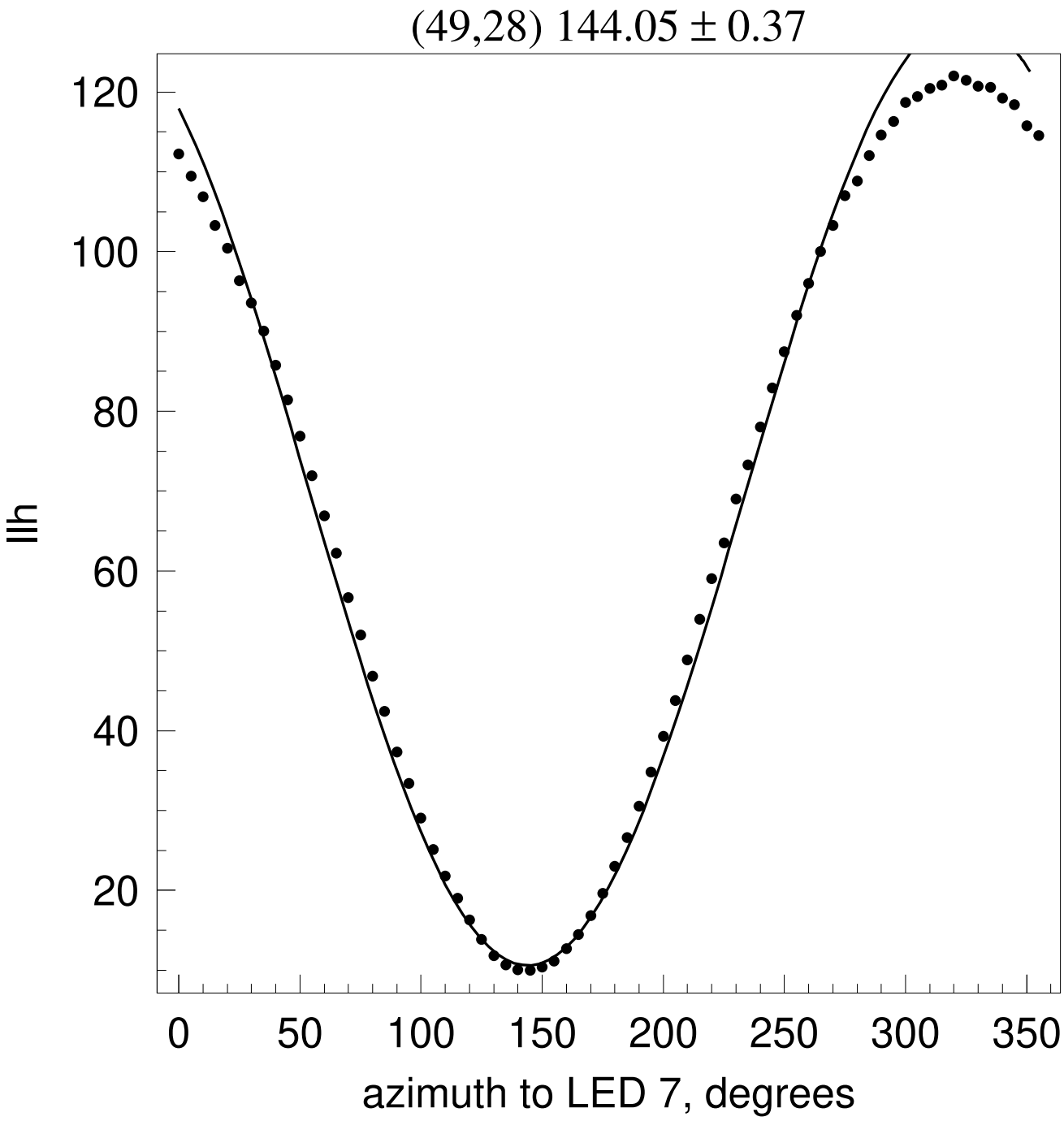

(49,23) 325.50 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

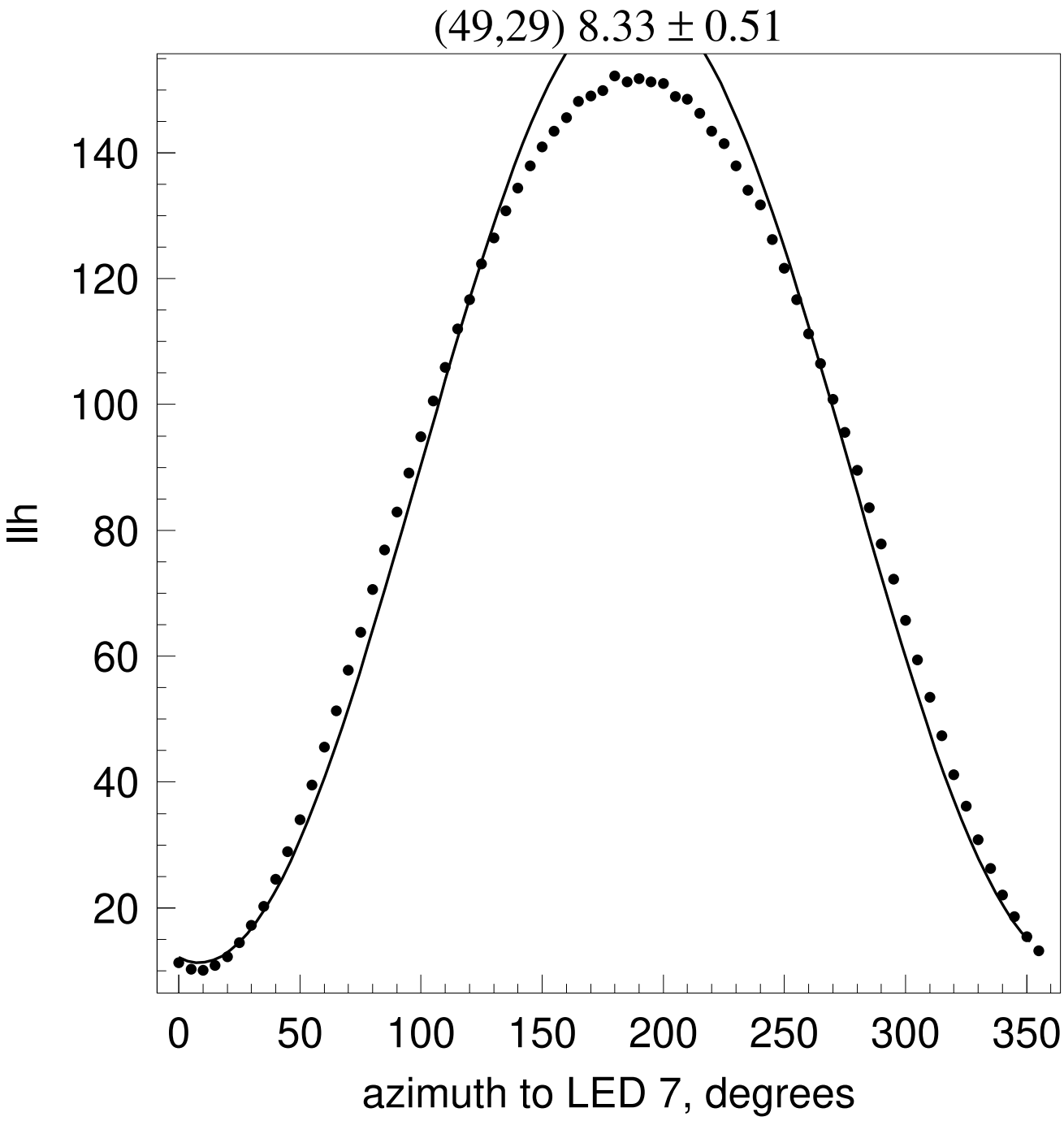

(49,24) 203.06 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

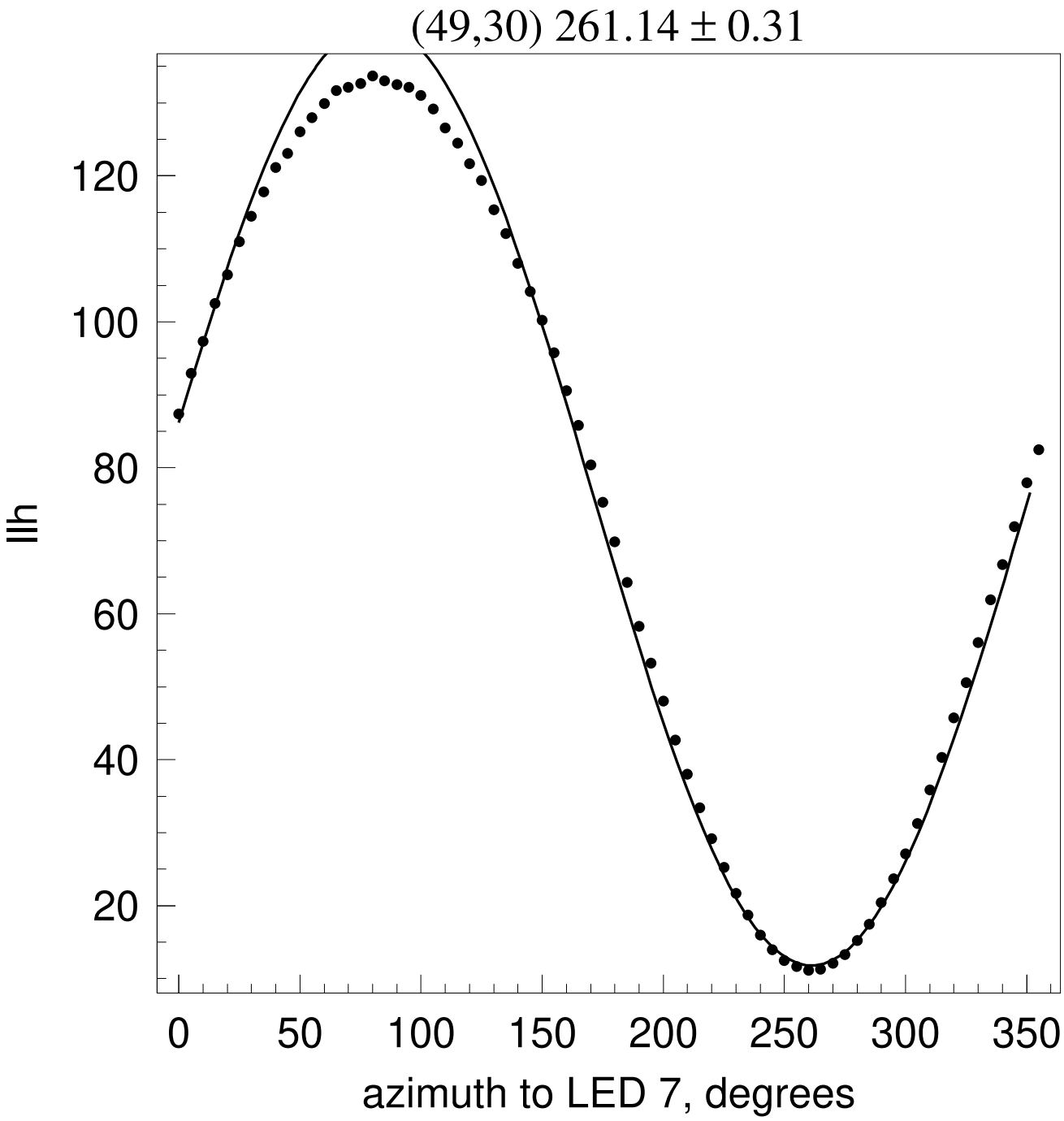

(49,25) 131.14 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

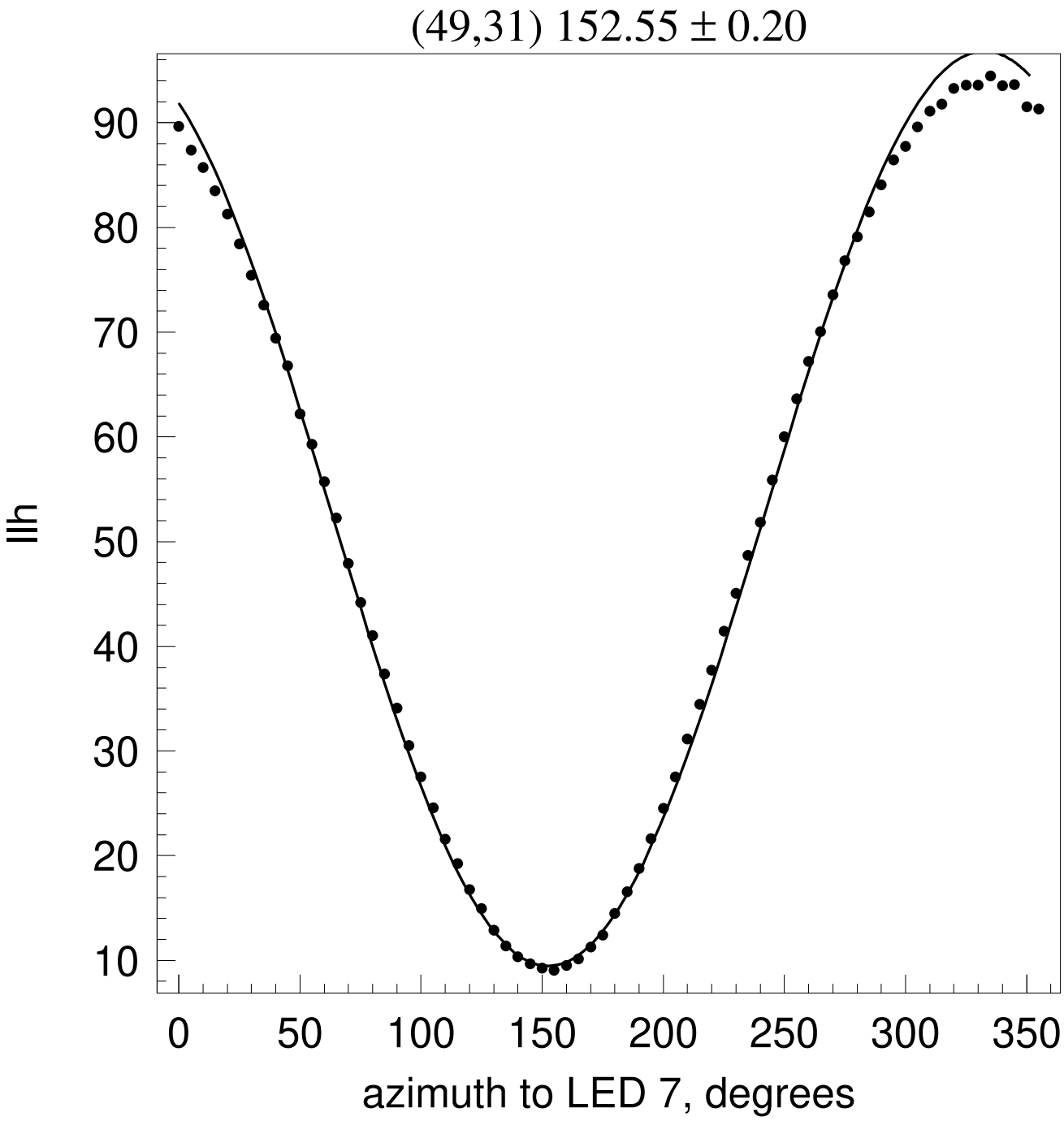

(49,26) 309.43 ± 0.15
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

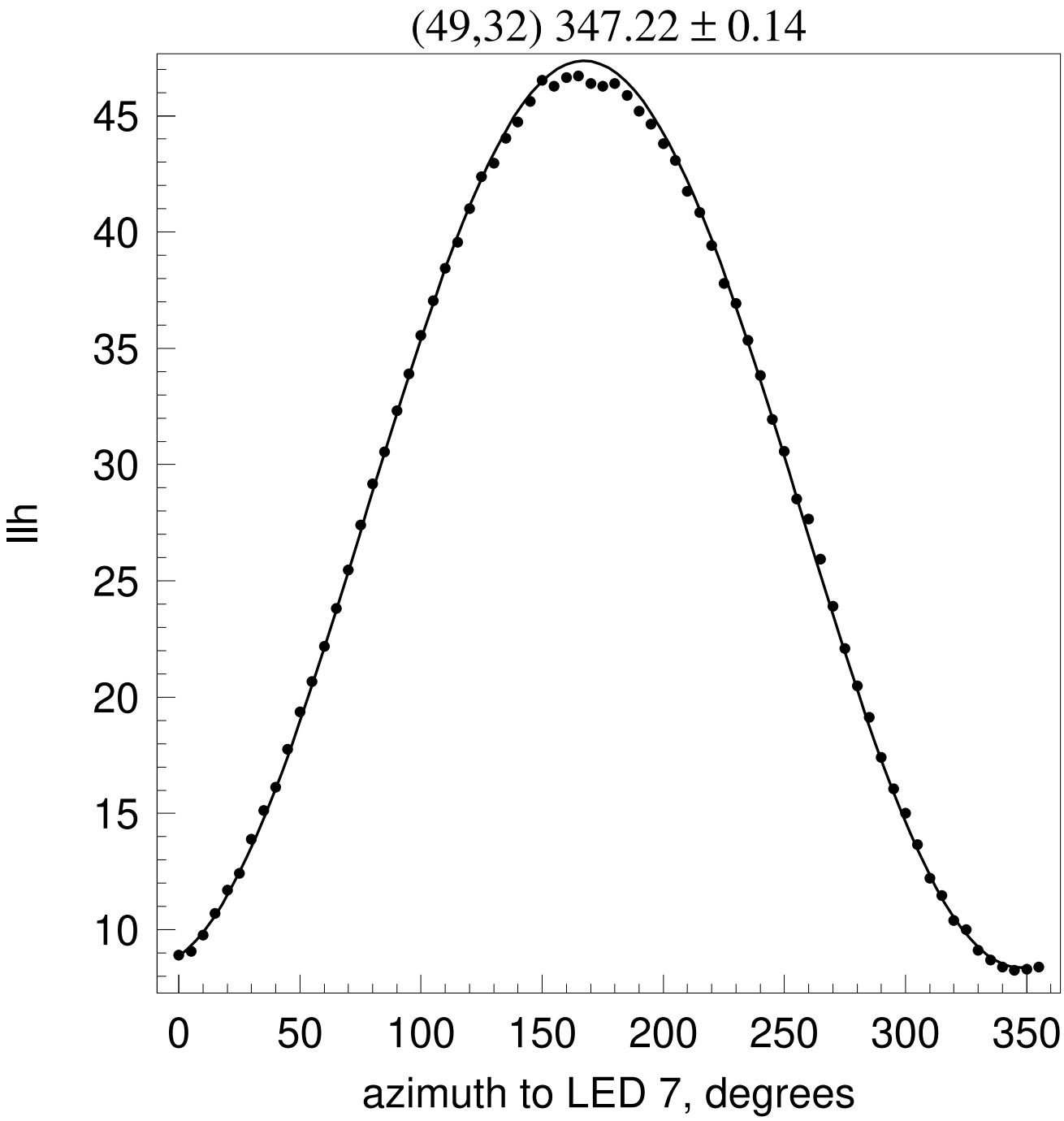

(49,27) 168.09 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

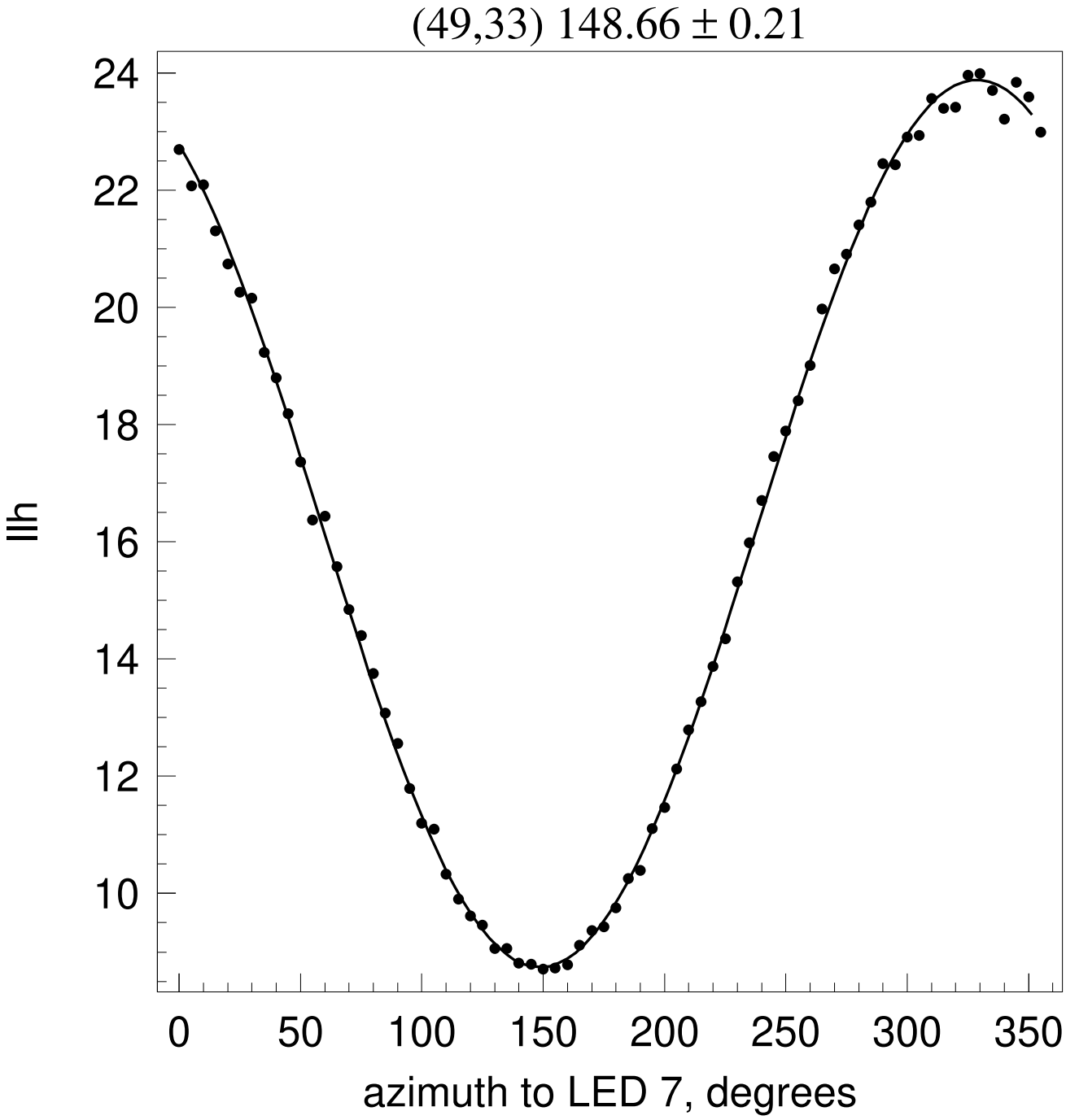

(49,28) 144.05 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

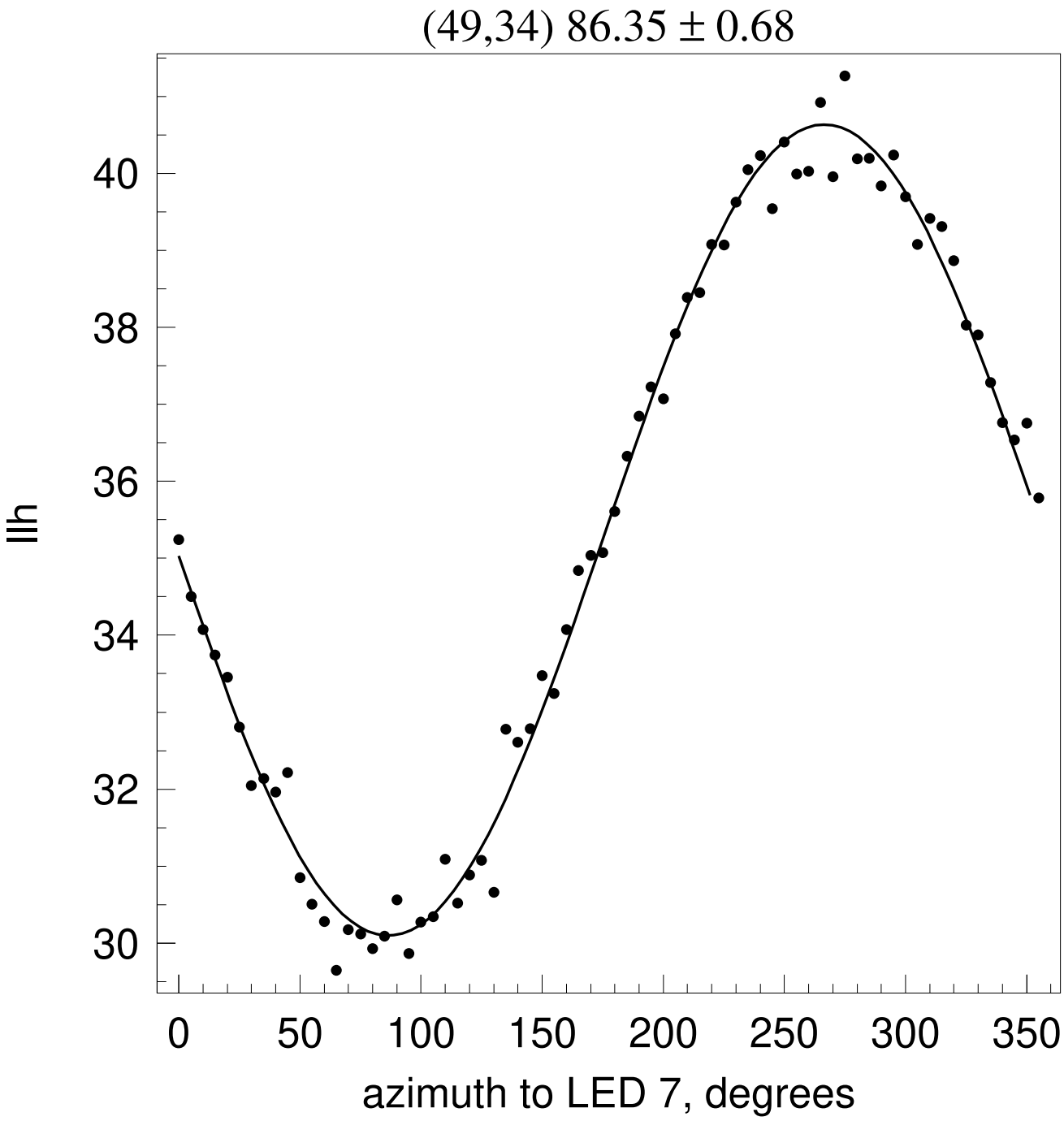

(49,29) 8.33 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

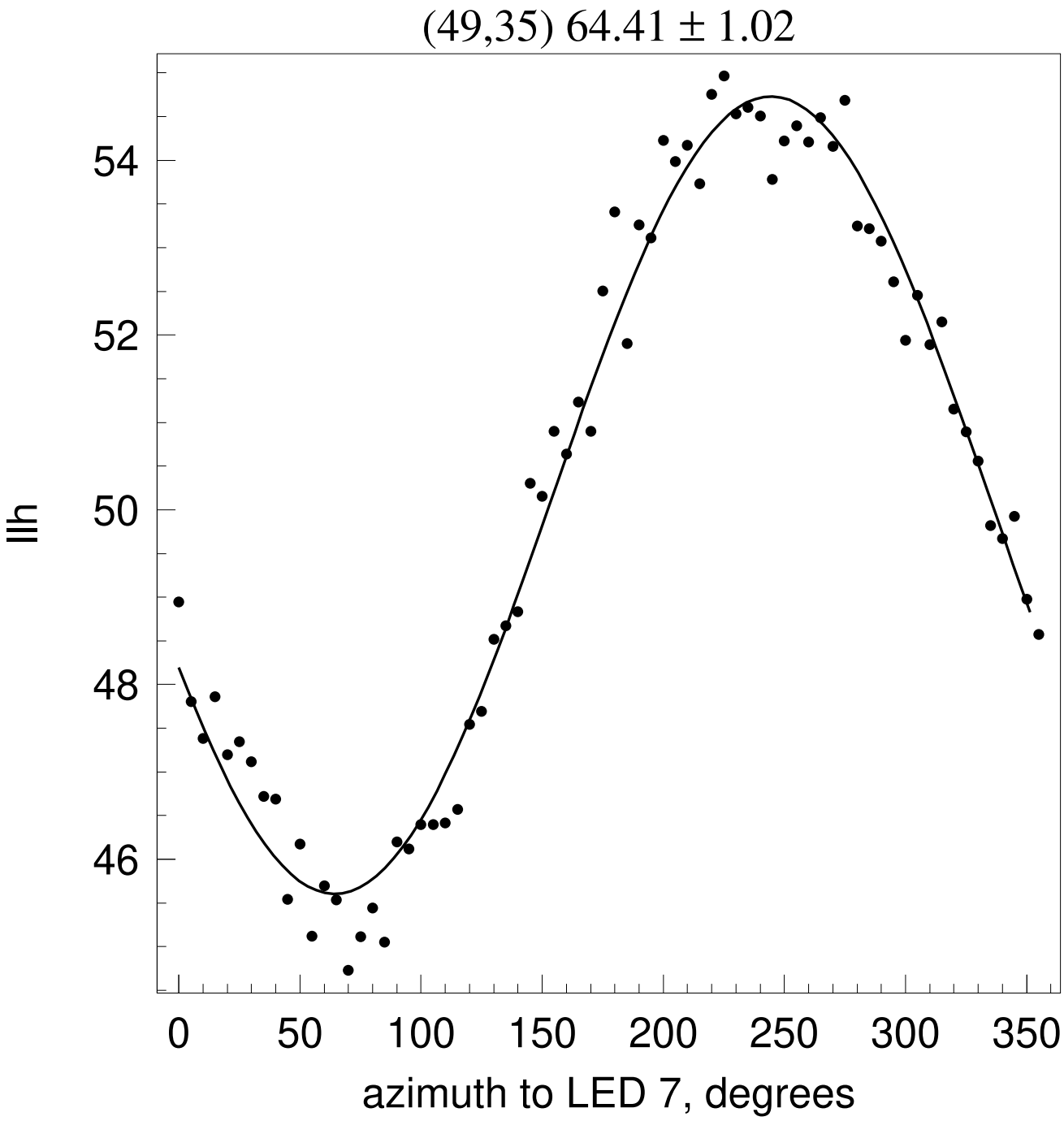

(49,30) 261.14 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

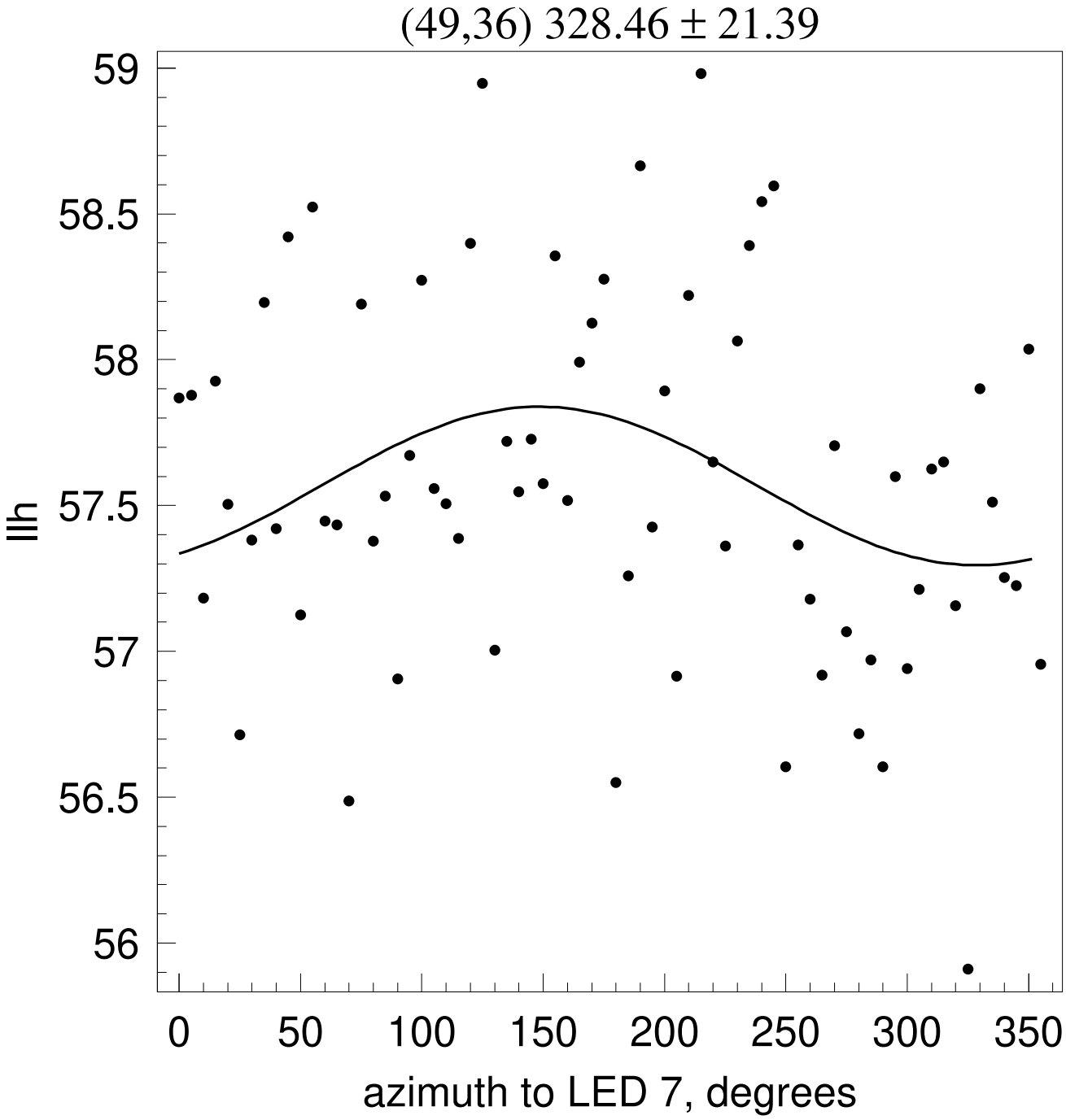

(49,31) 152.55 ± 0.20
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

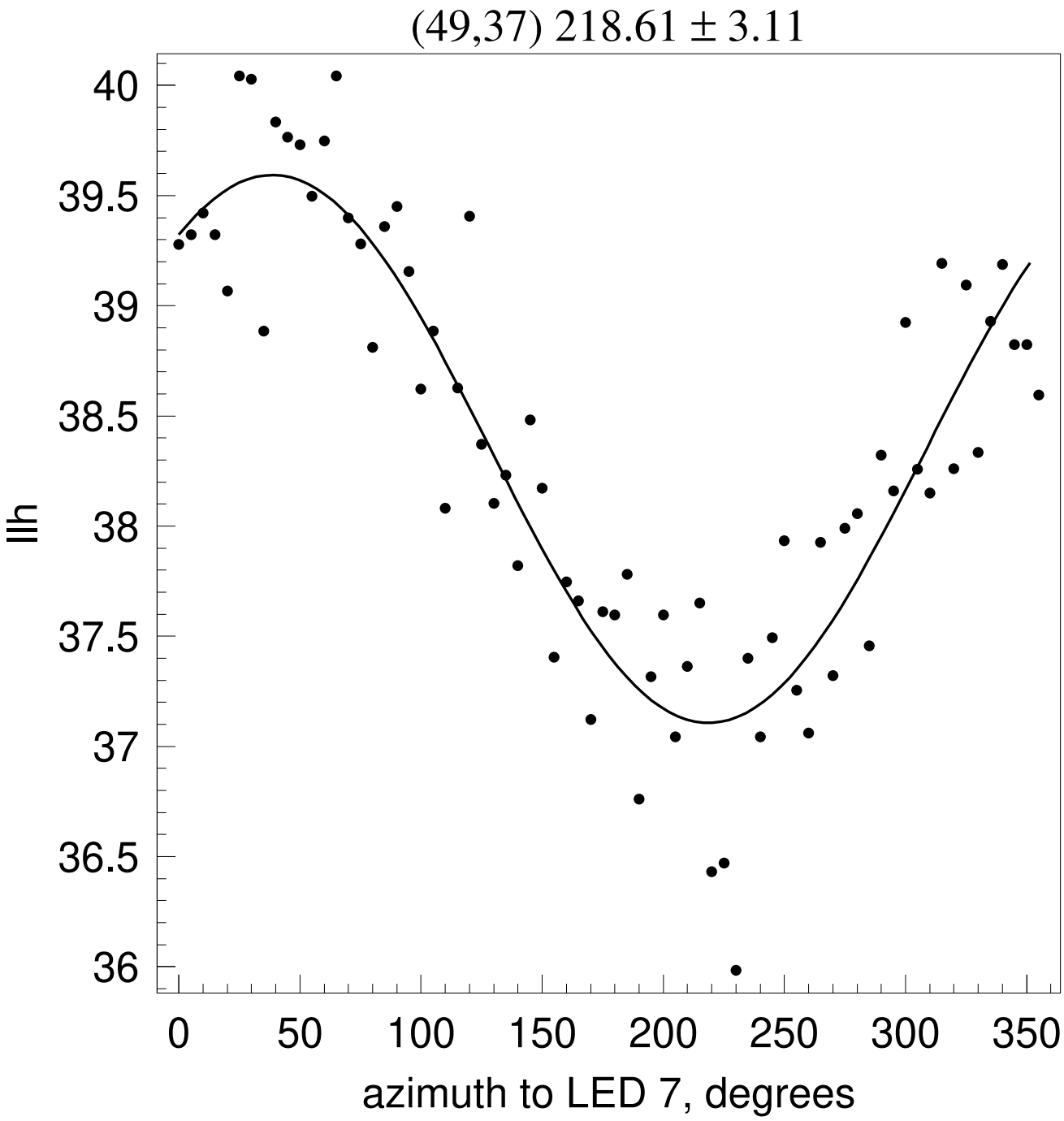

(49,32) 347.22 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

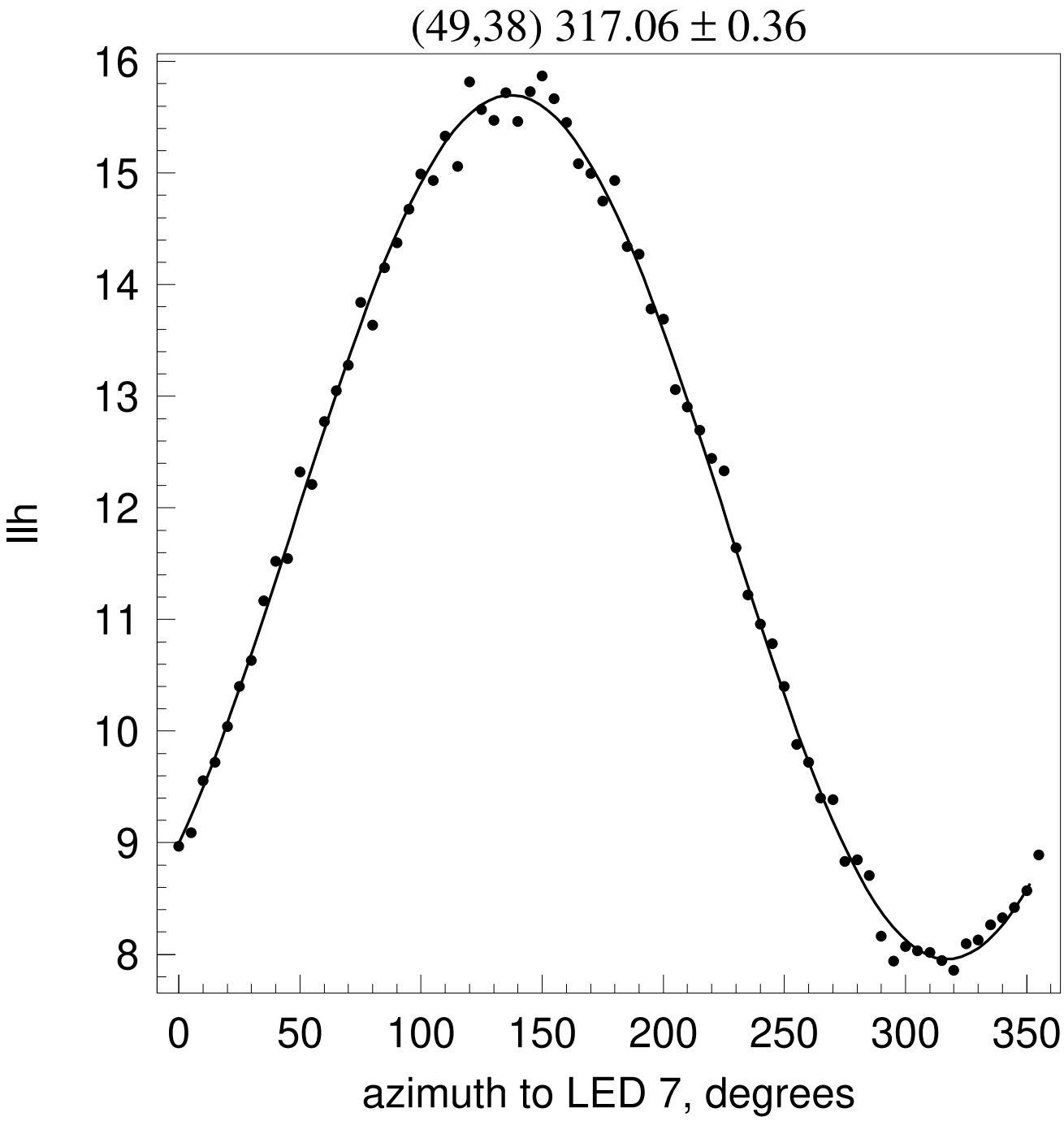

(49,33) 148.66 ± 0.21
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

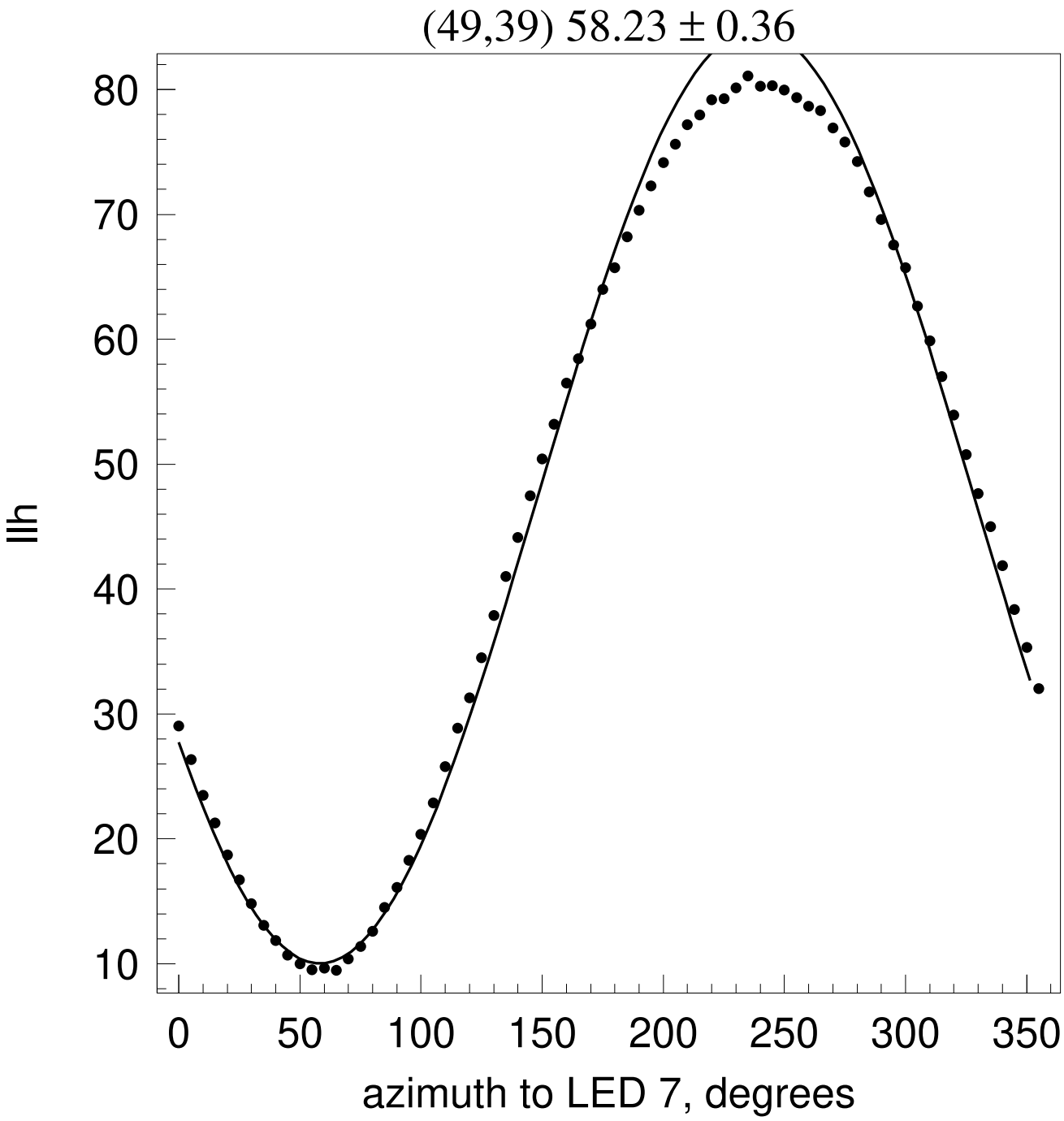

(49,34) 86.35 ± 0.68
40
38
36
34
32
30
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

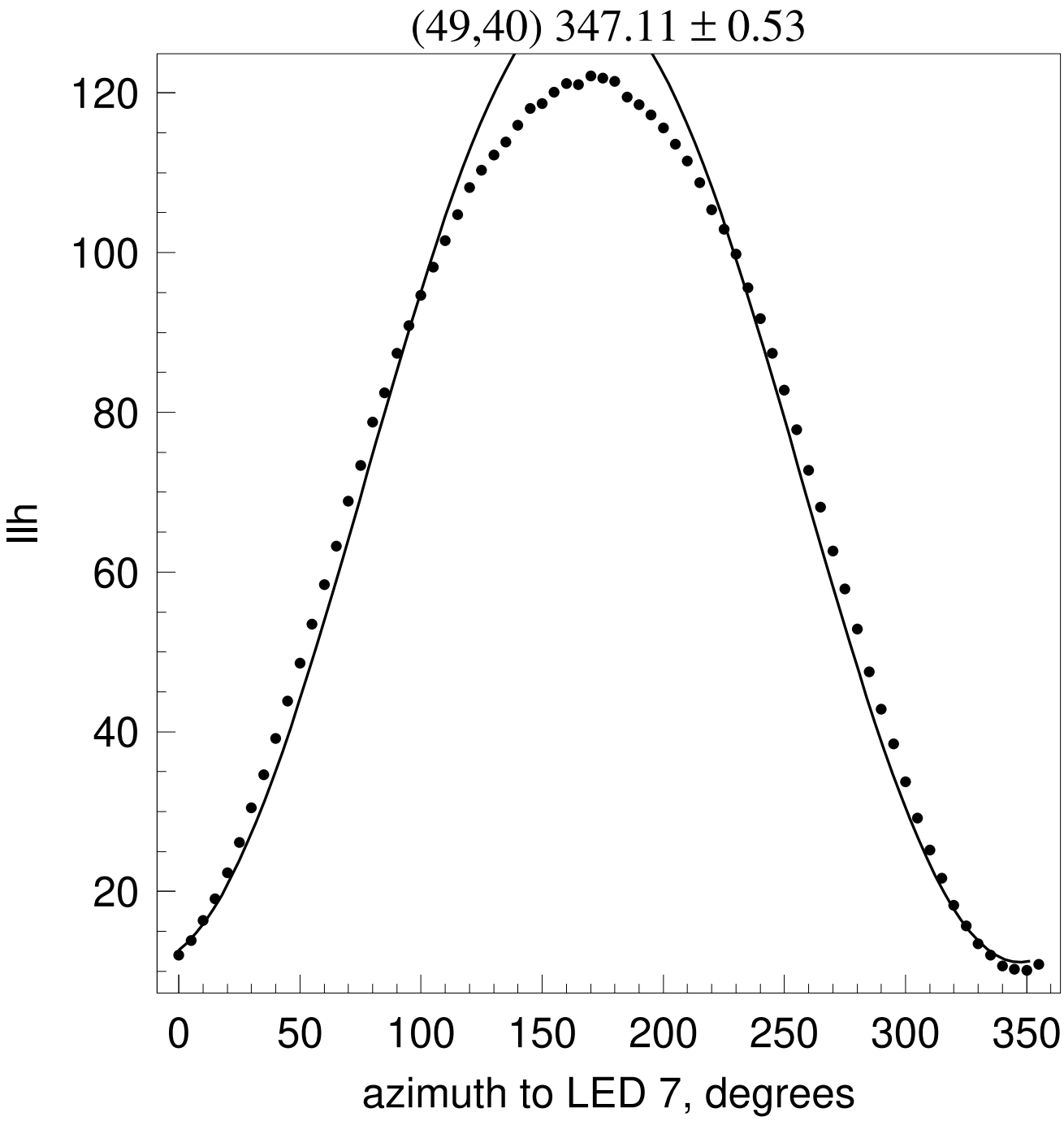

(49,35) 64.41 ± 1.02
54
52
50
48
46
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

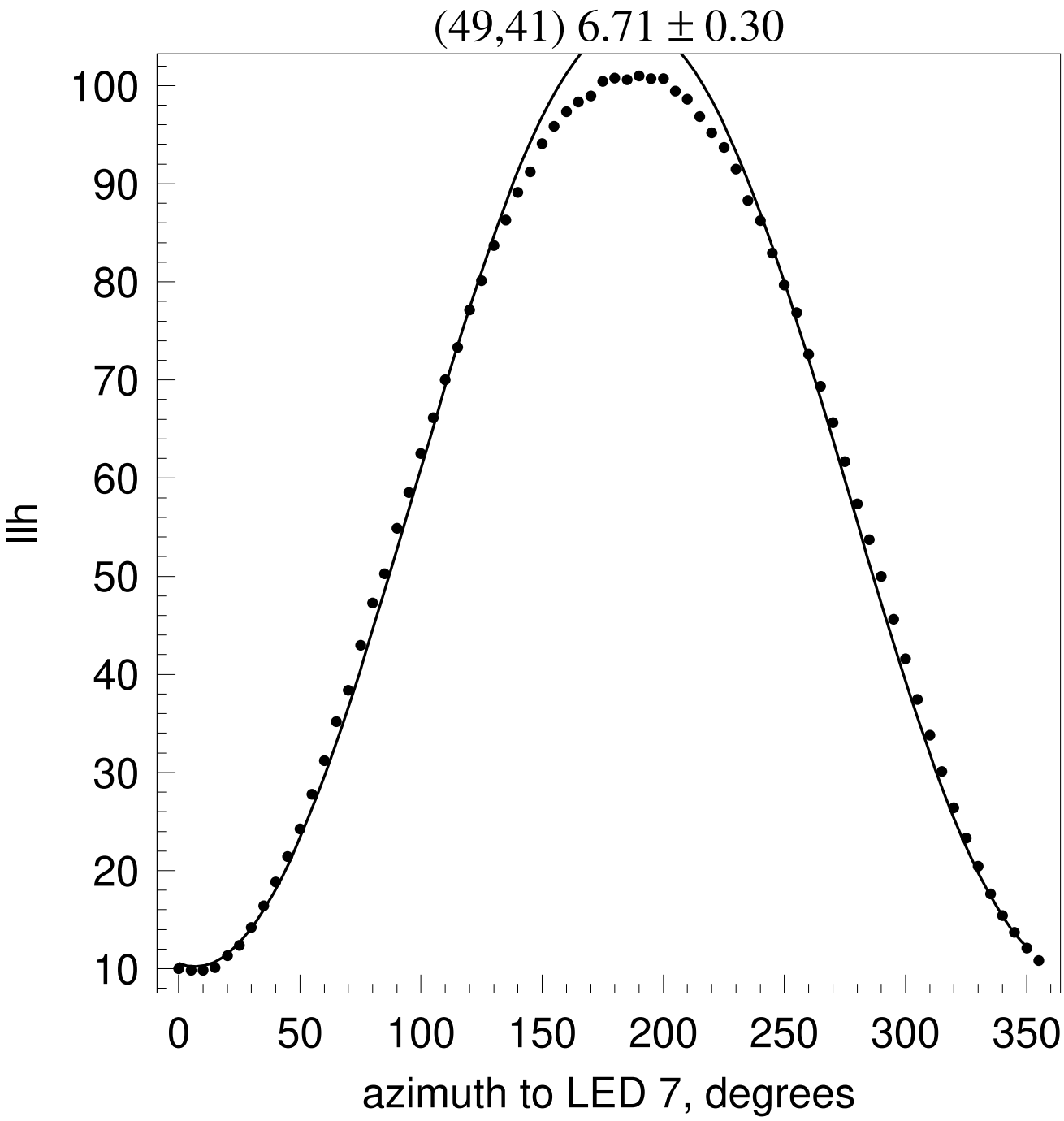

(49,36) 328.46 ± 21.39
59
58.5
58
57.5
57
56.5
56
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

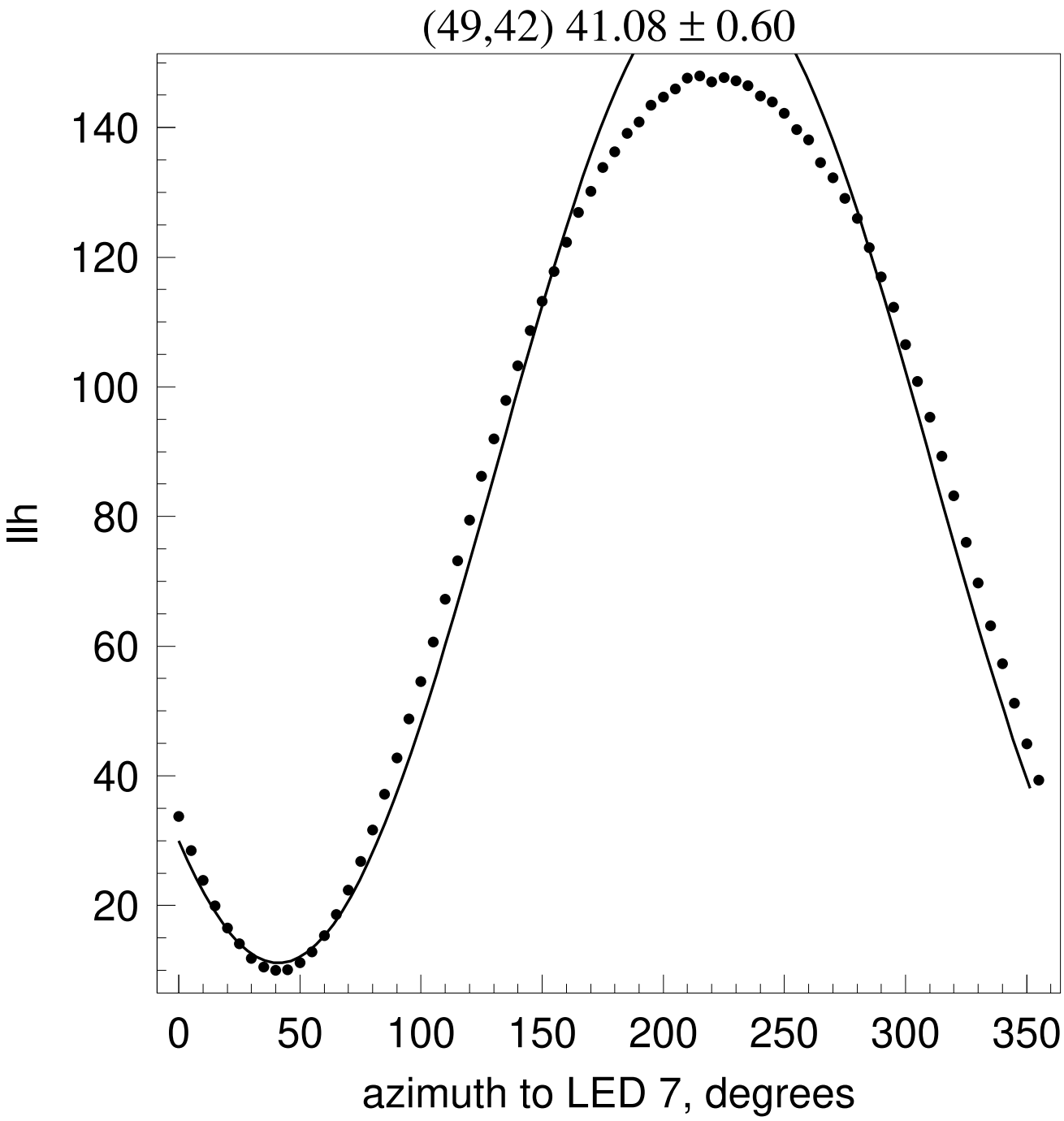

(49,37) 218.61 ± 3.11
40
39.5
39
38.5
38
37.5
37
36.5
36
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

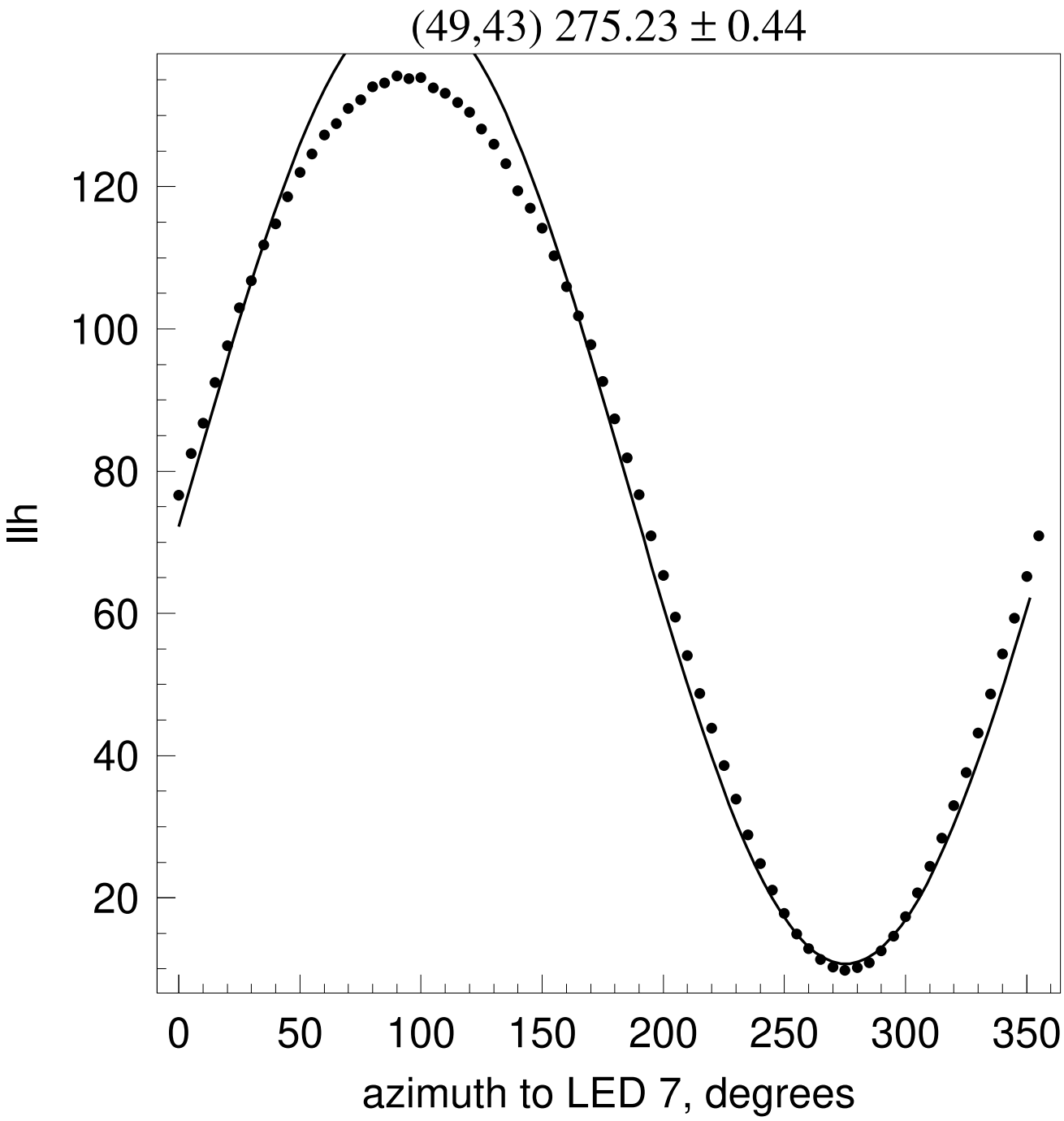

(49,38) 317.06 ± 0.36
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

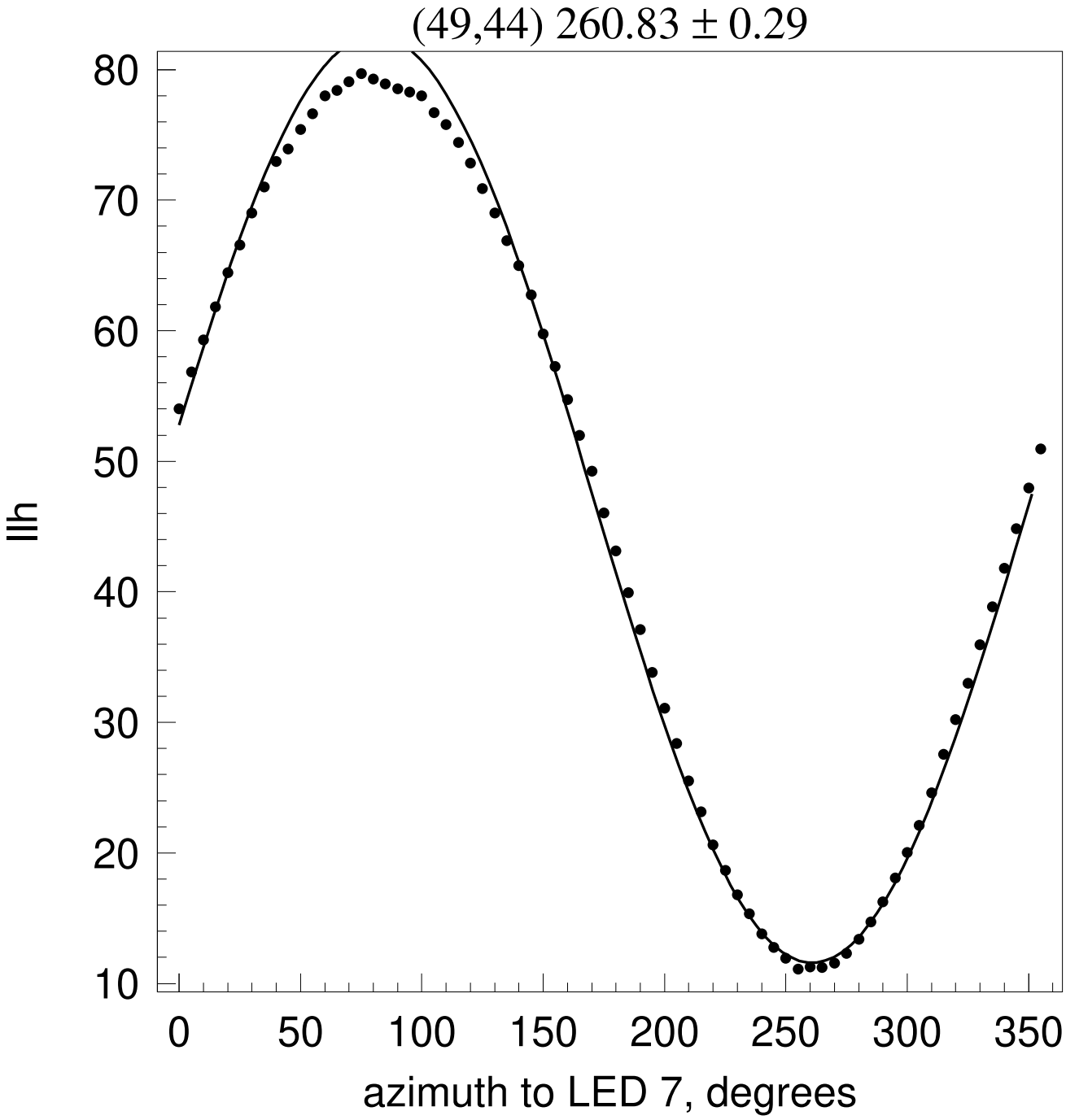

(49,39) 58.23 ± 0.36
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

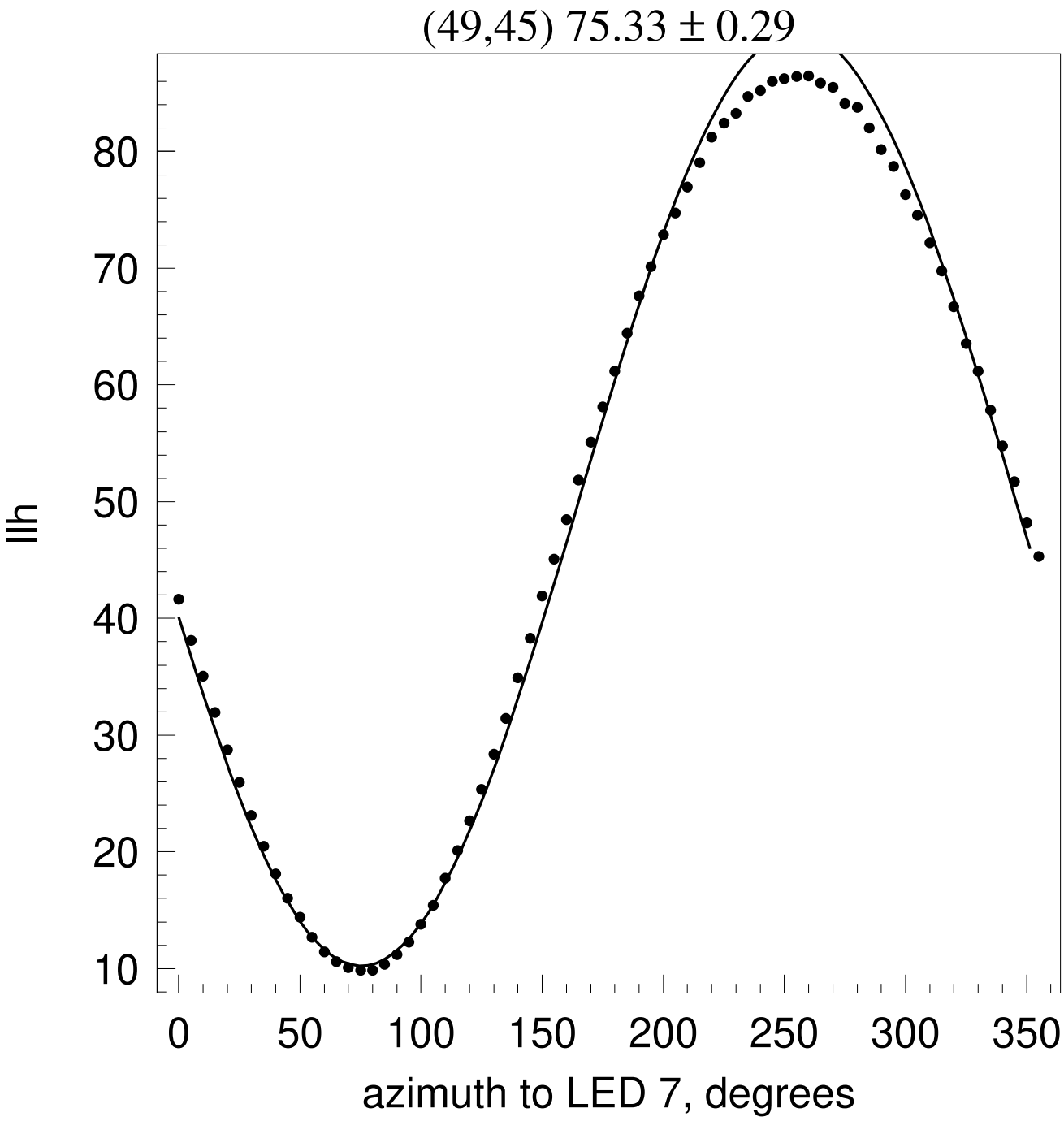

(49,40) 347.11 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

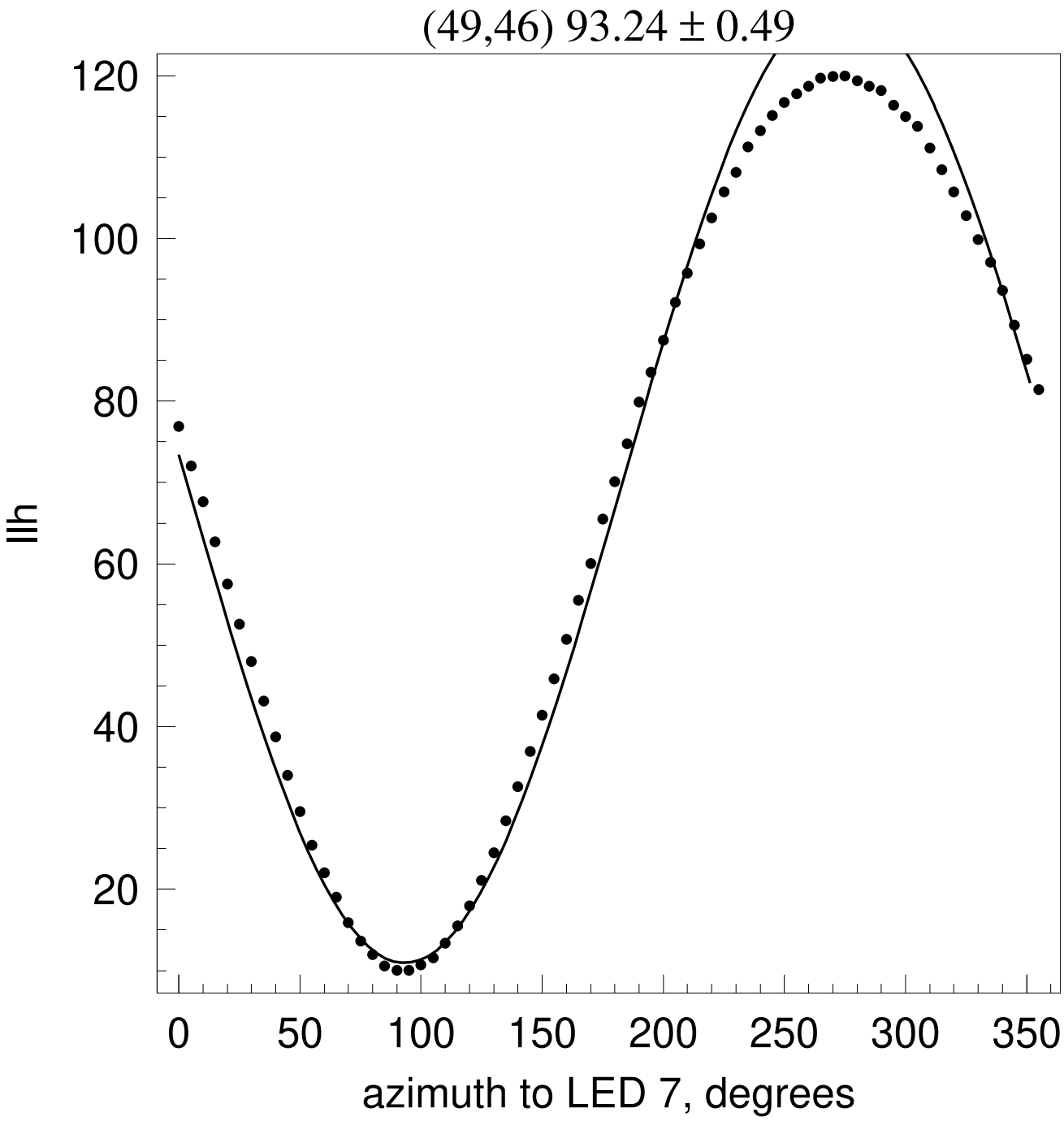

(49,41) 6.71 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

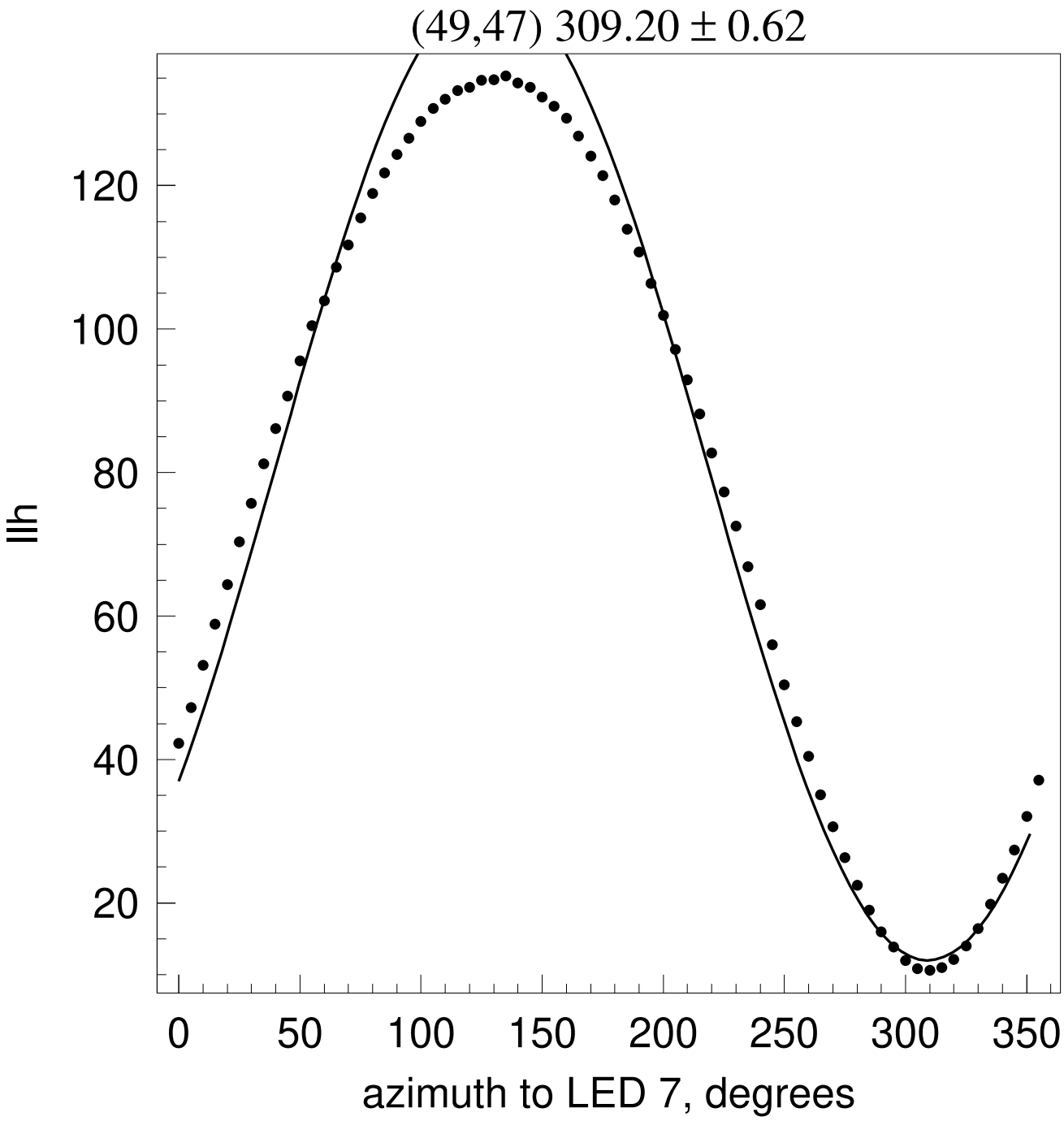

(49,42) 41.08 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

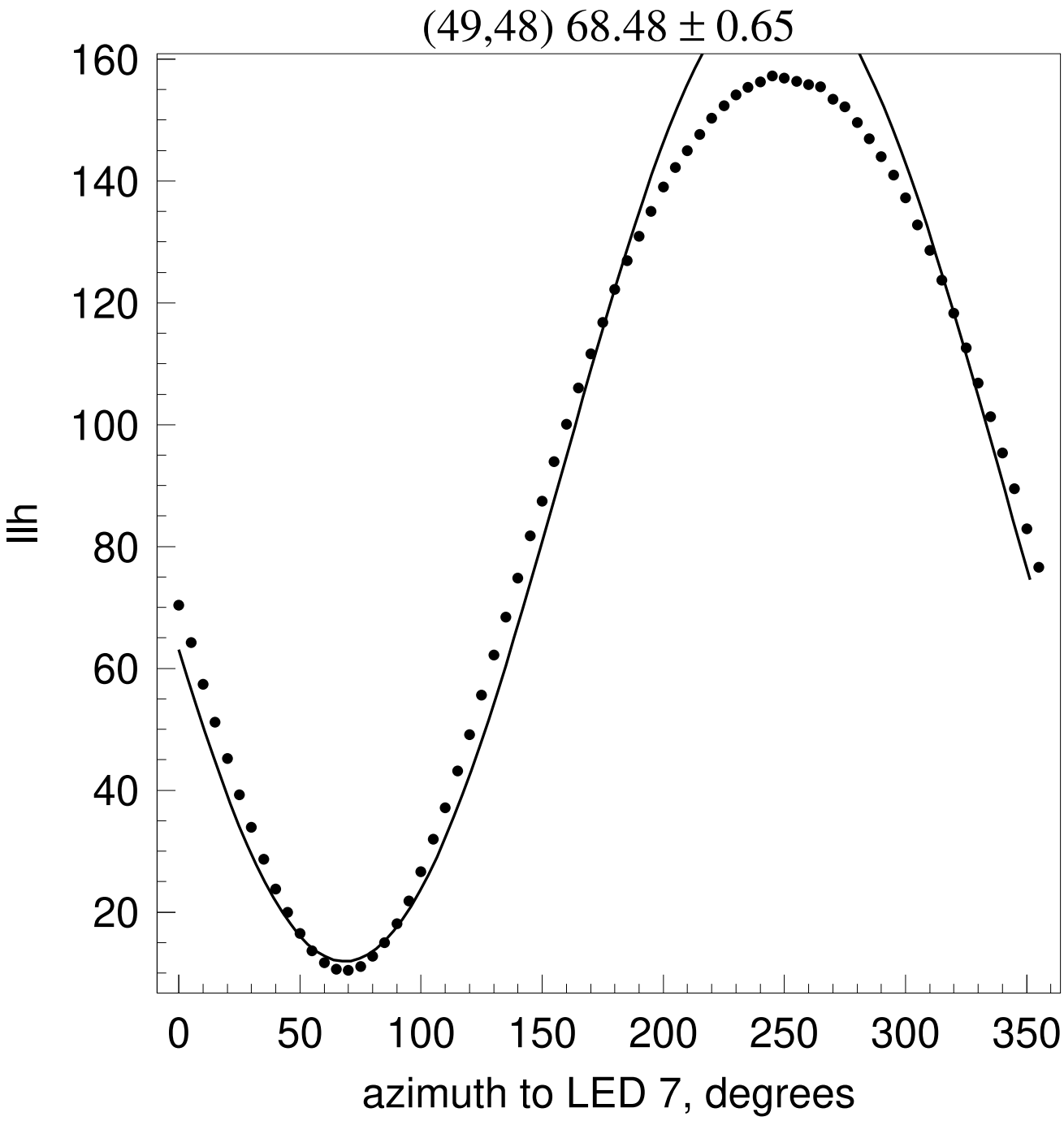

(49,43) 275.23 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

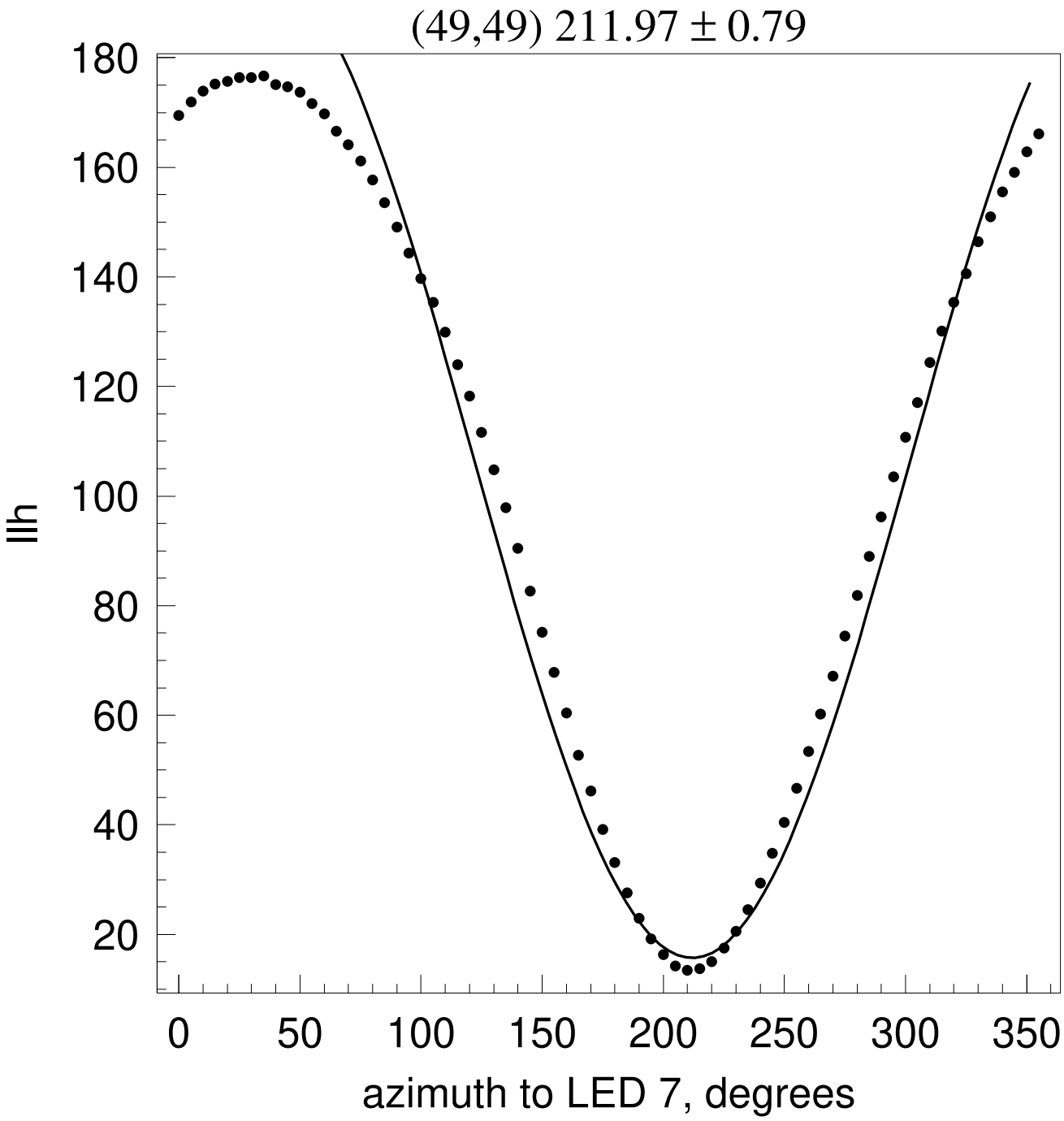

(49,44) 260.83 ± 0.29
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

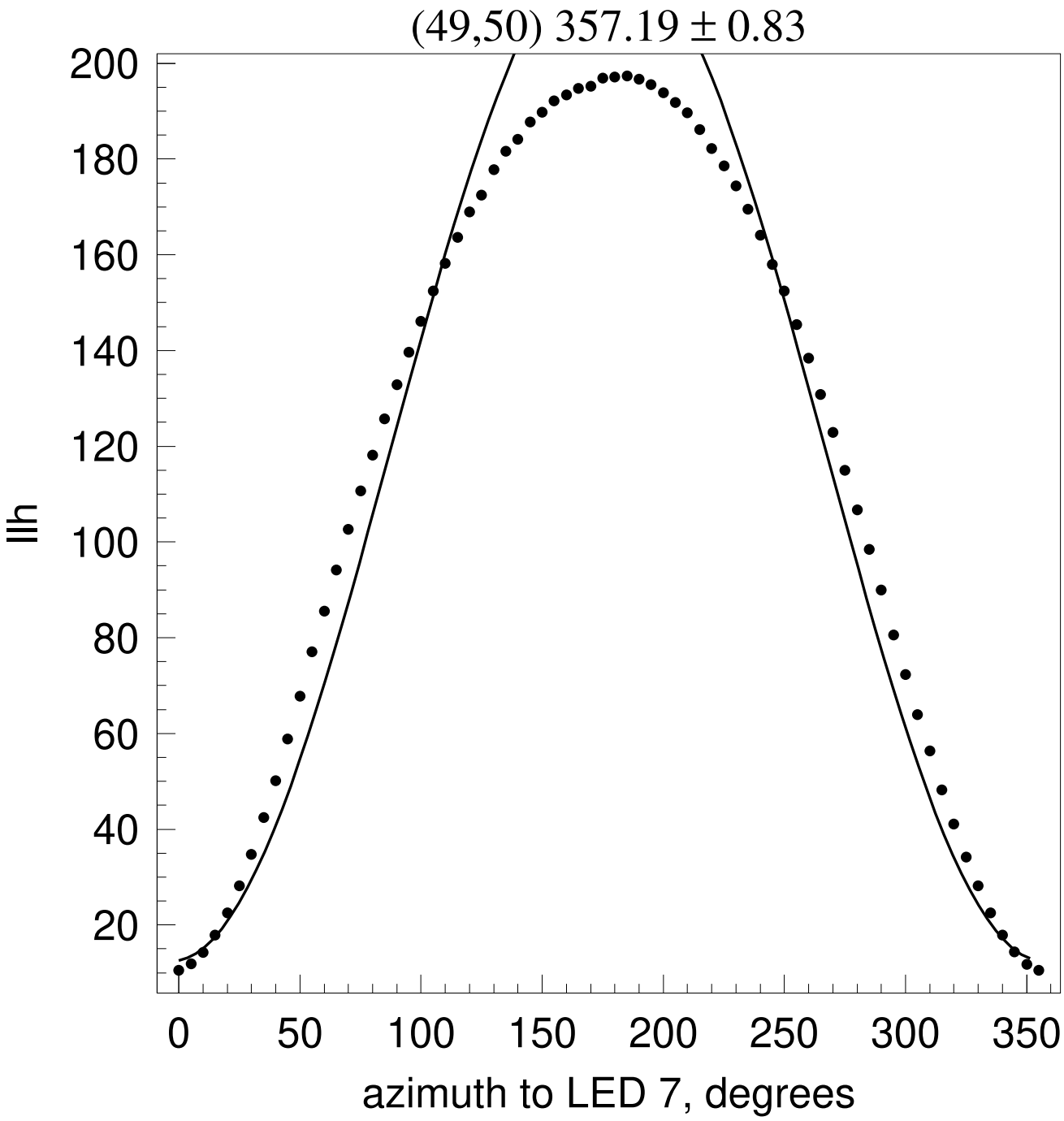

(49,45) 75.33 ± 0.29
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

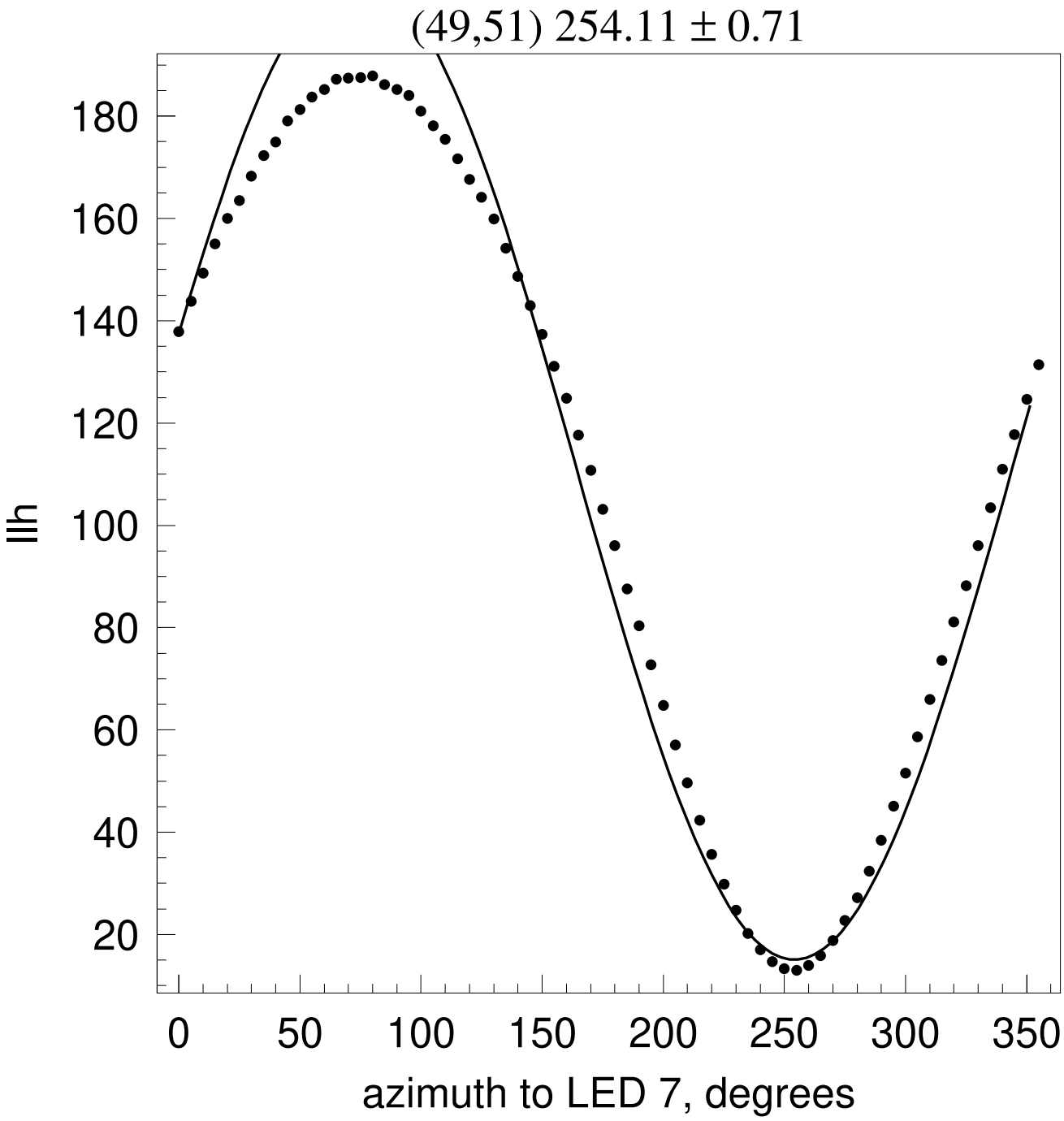

(49,46) 93.24 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

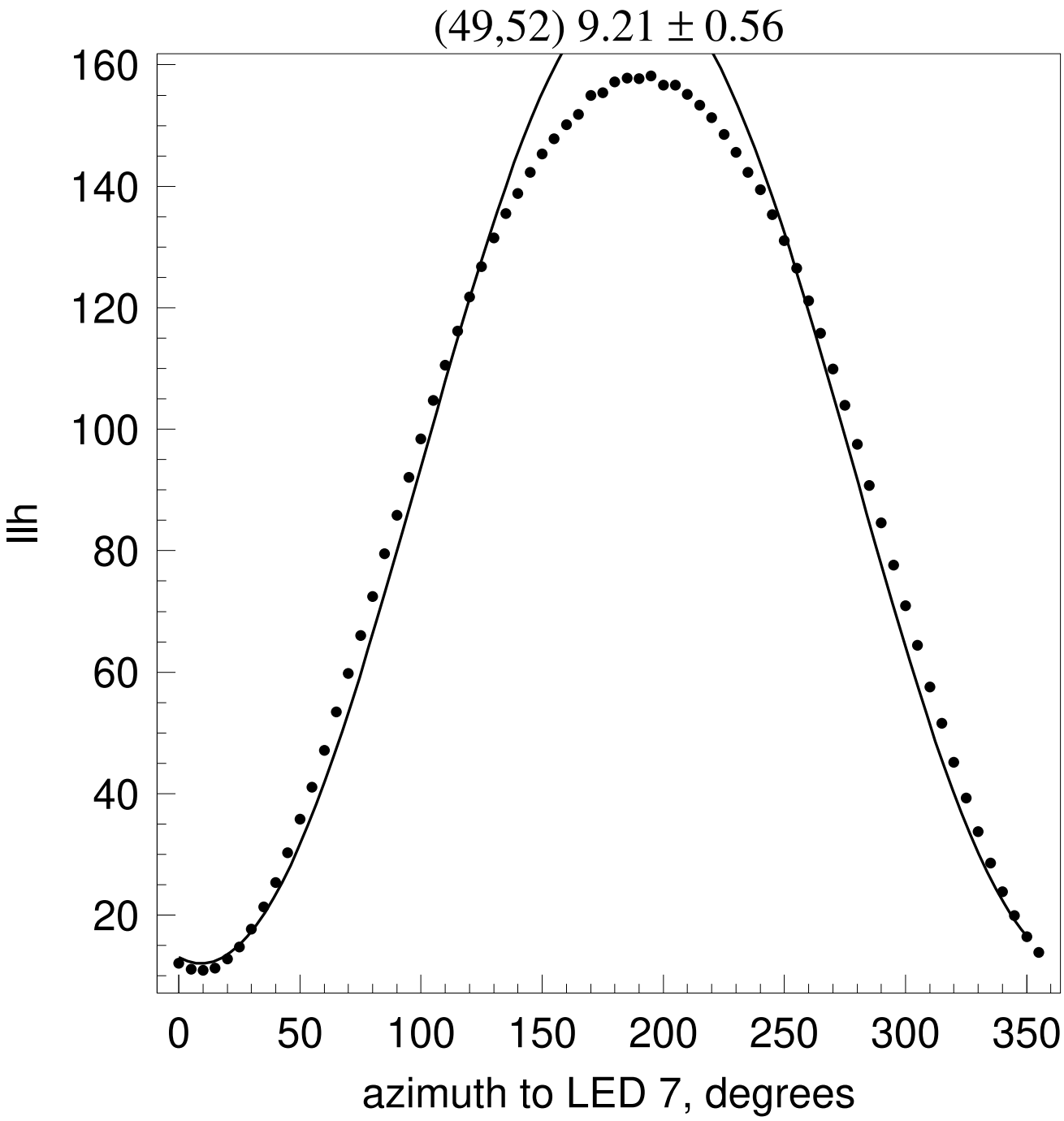

(49,47) 309.20 ± 0.62
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

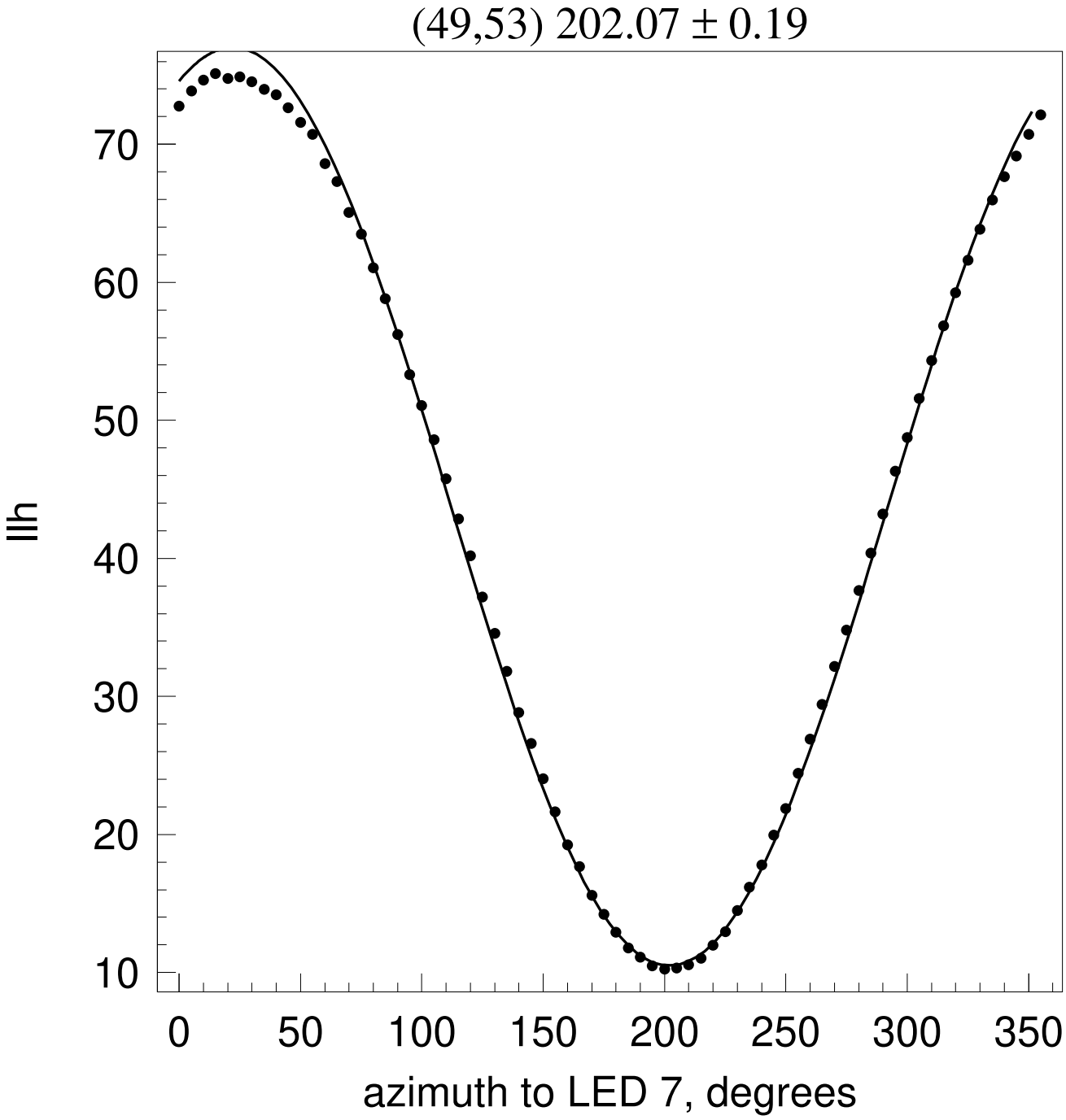

(49,48) 68.48 ± 0.65
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

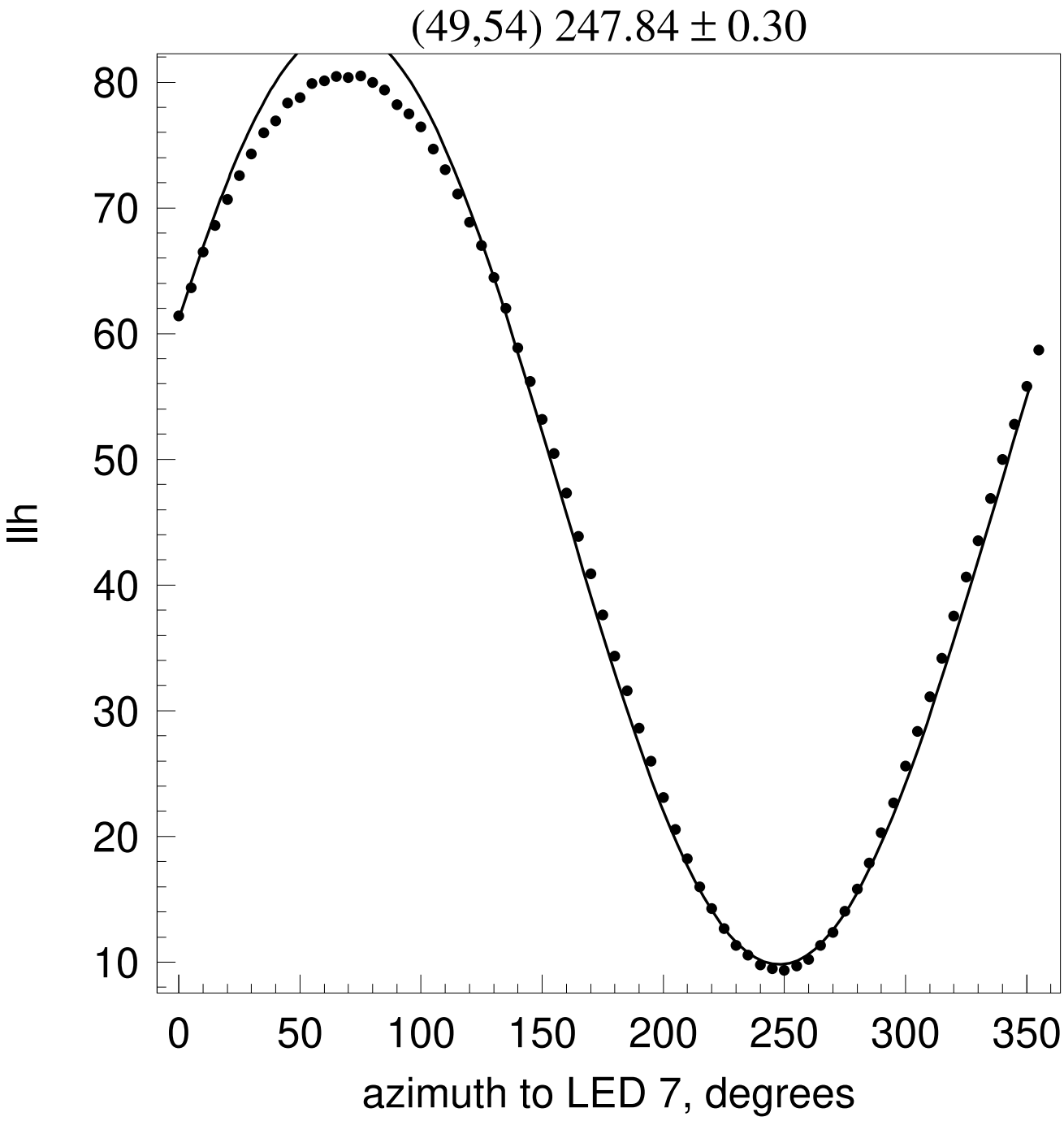

(49,49) 211.97 ± 0.79
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

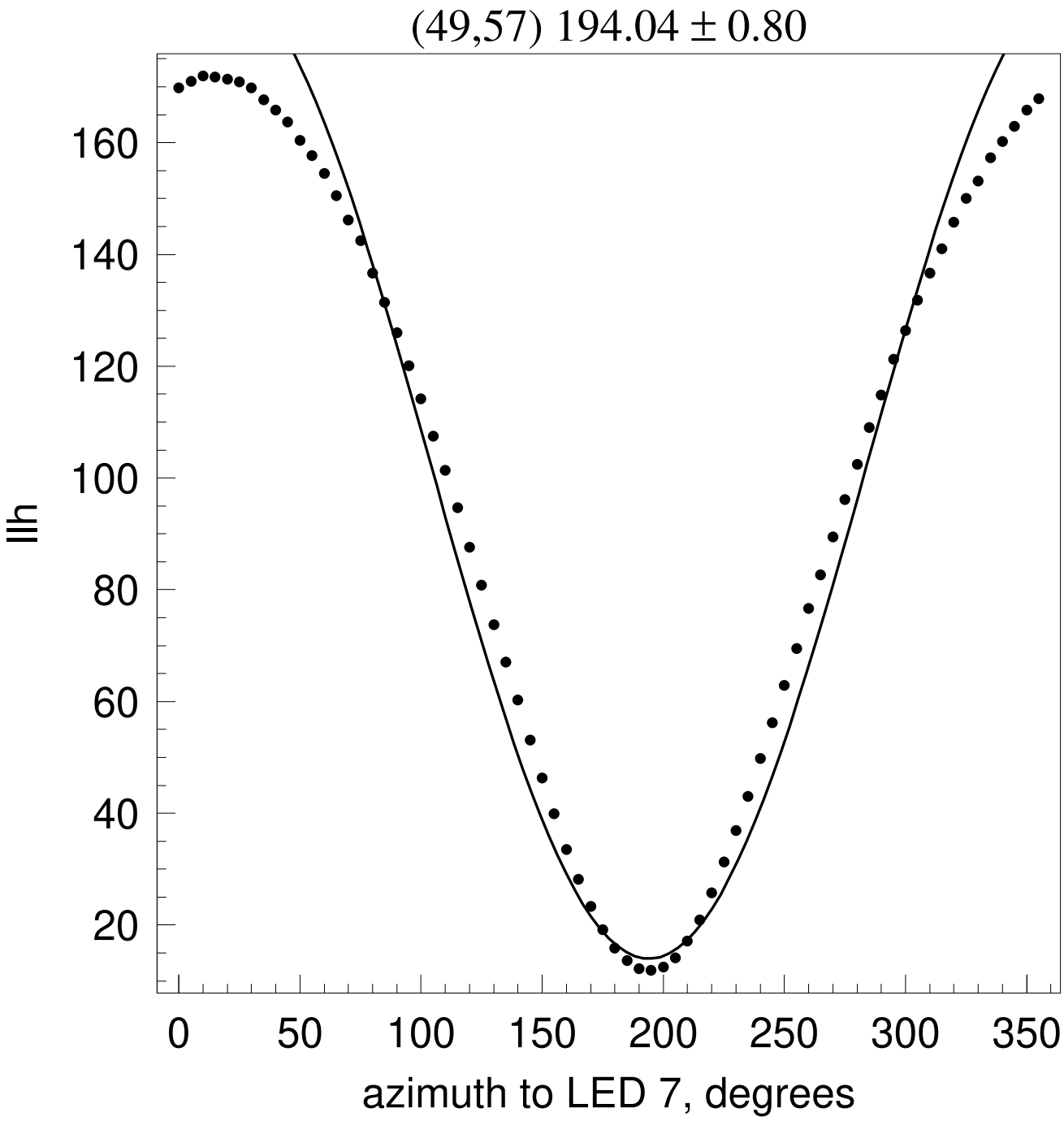

(49,50) 357.19 ± 0.83
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

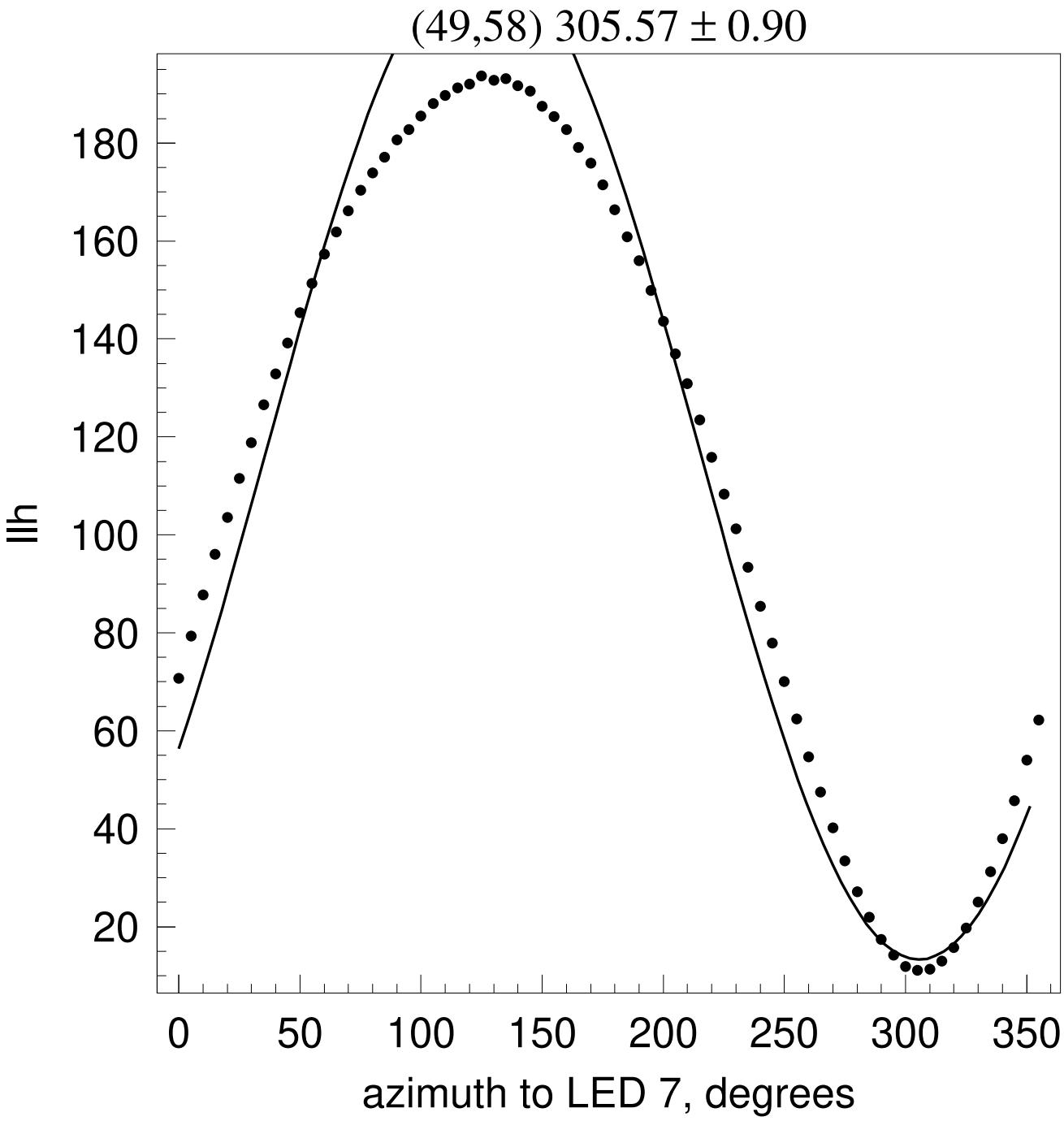

(49,51) 254.11 ± 0.71
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

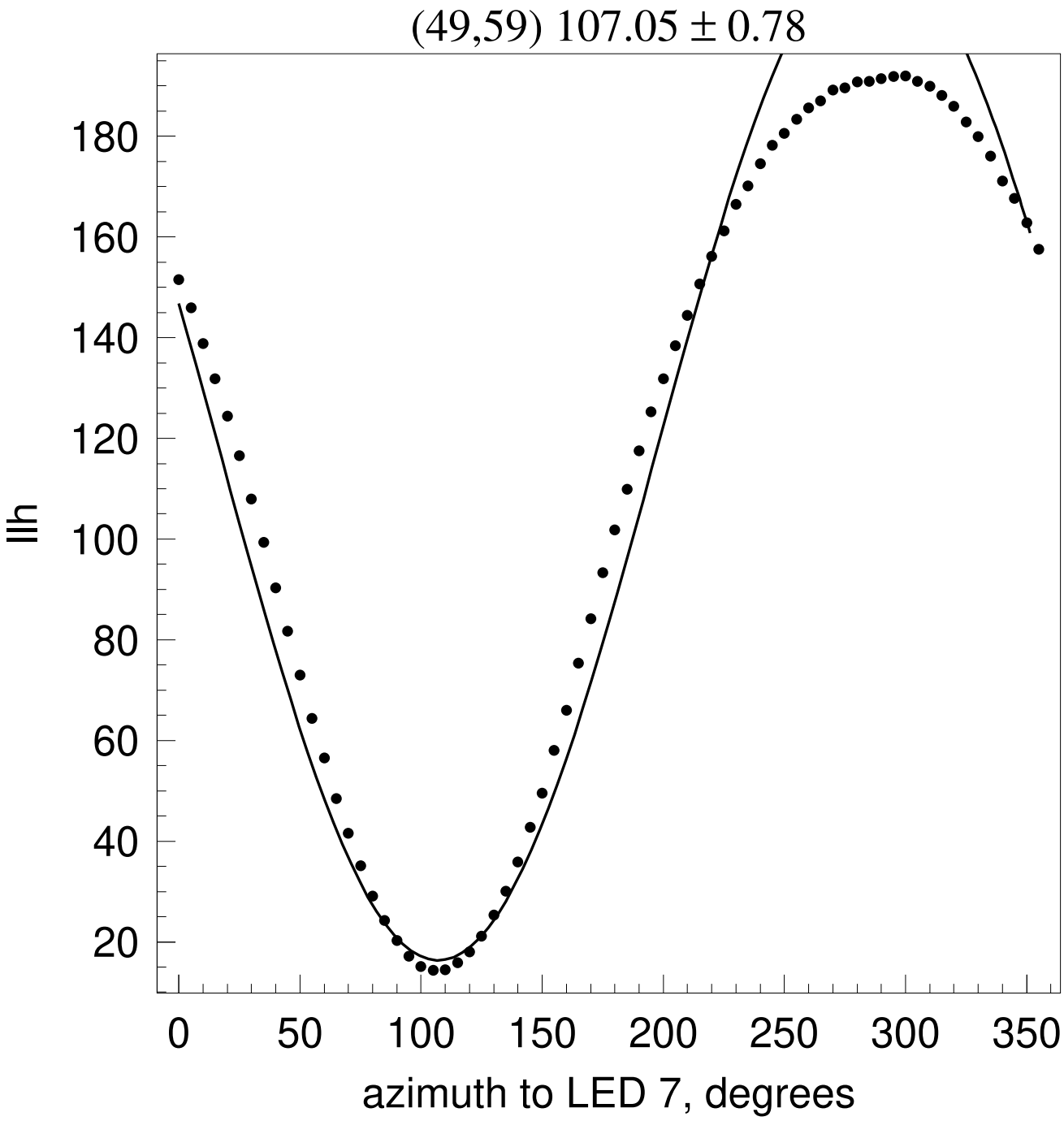

(49,52) 9.21 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

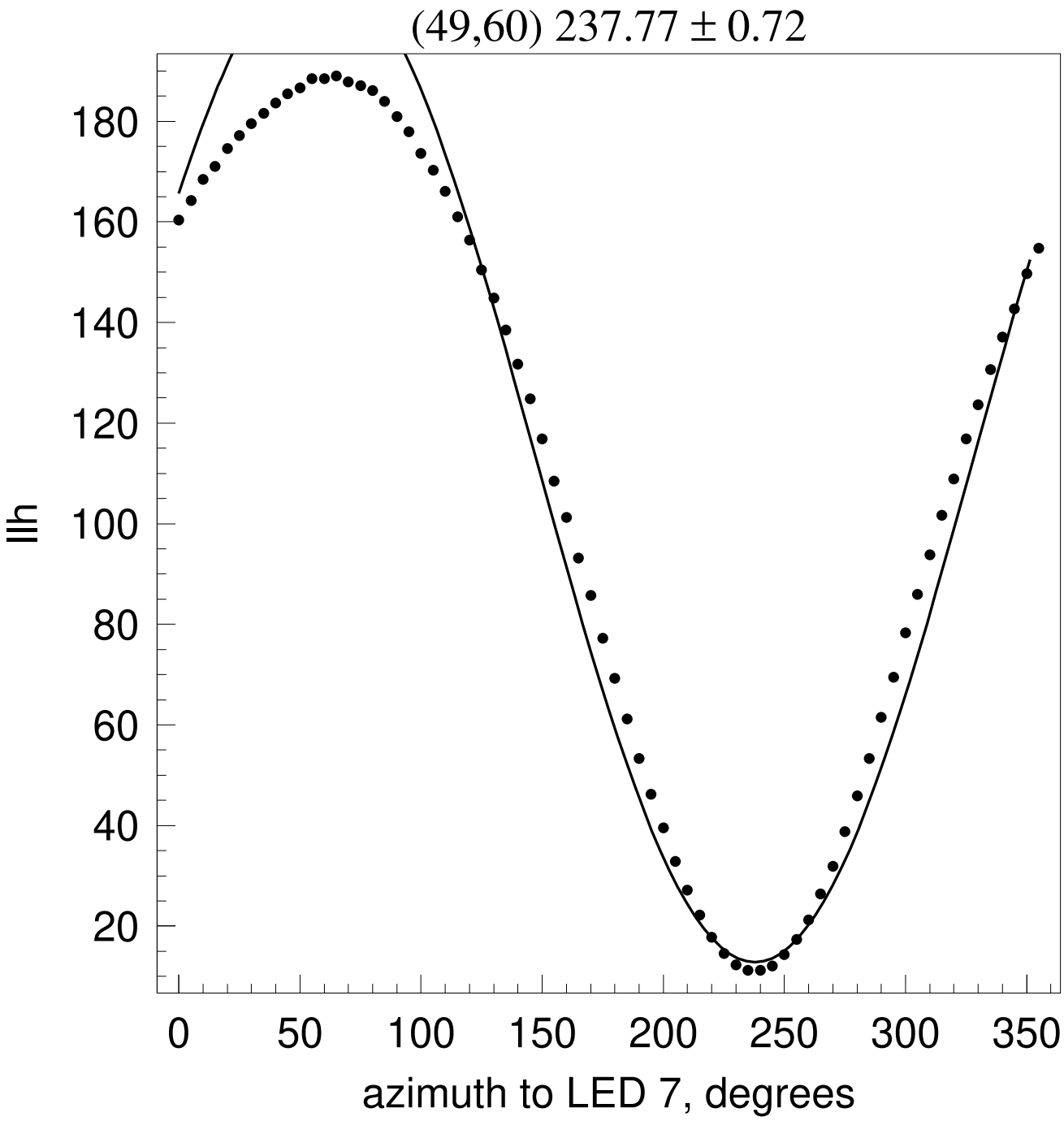

(49,53) 202.07 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

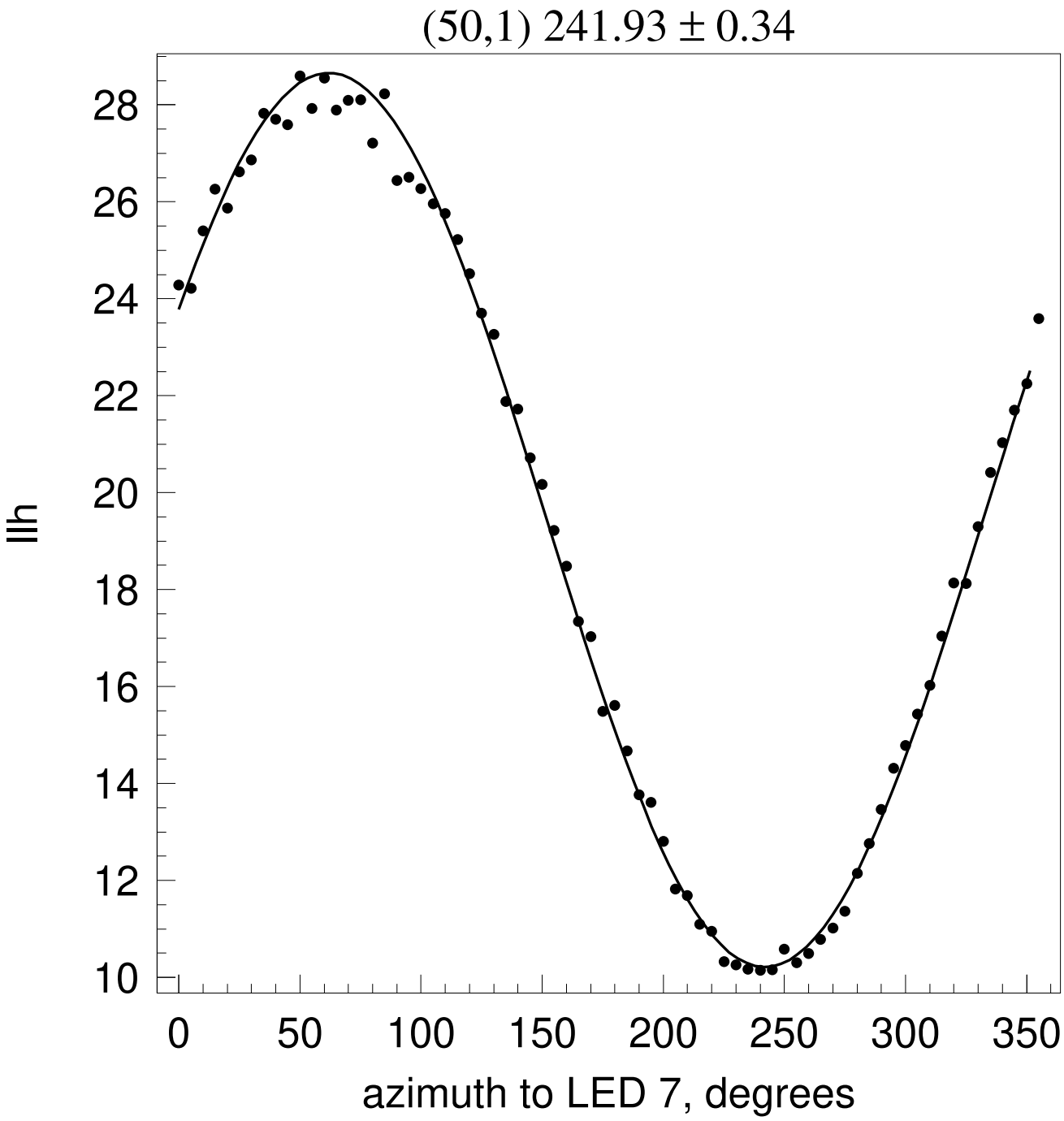

(49,54) 247.84 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

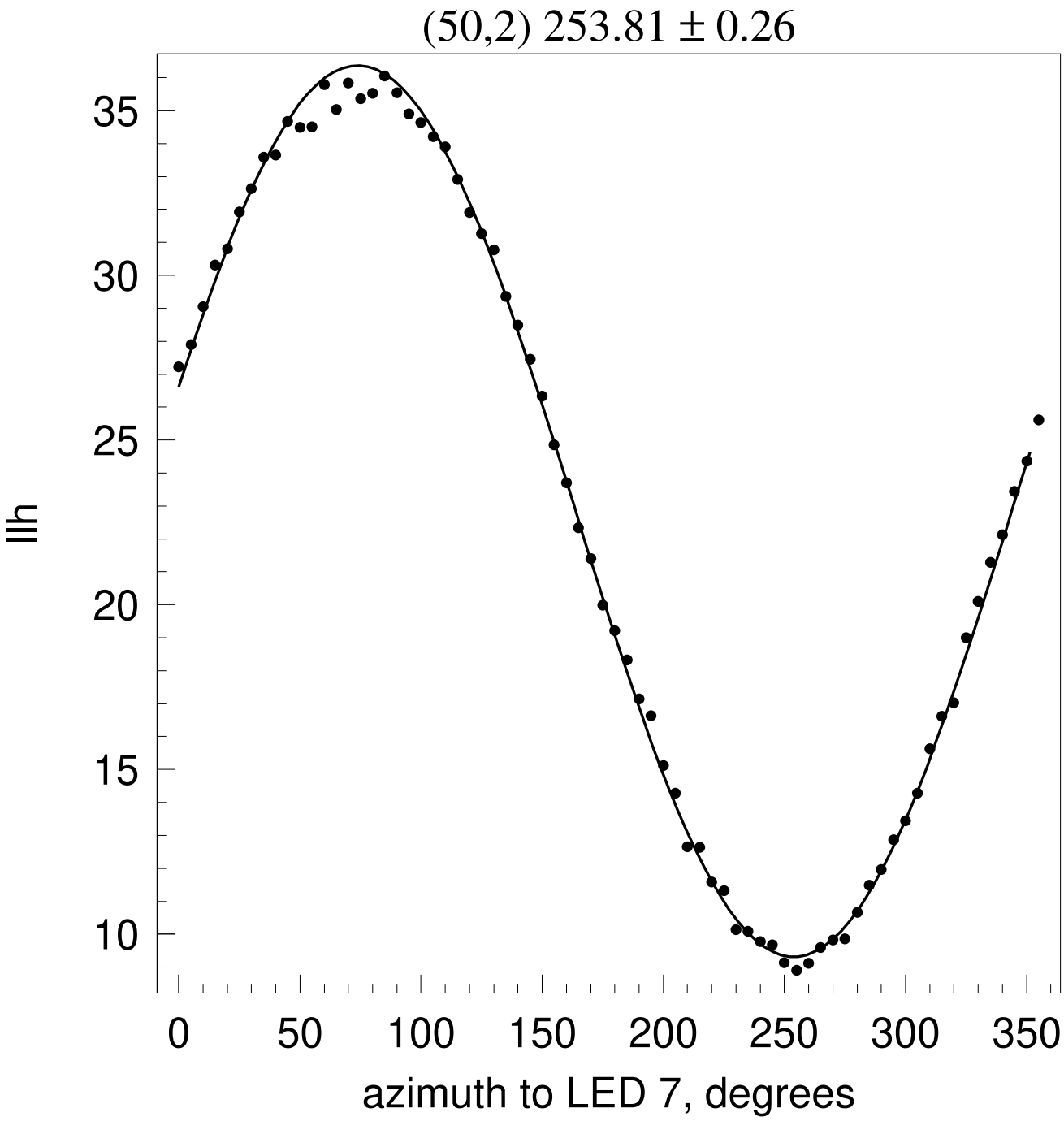

(49,57) 194.04 ± 0.80
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

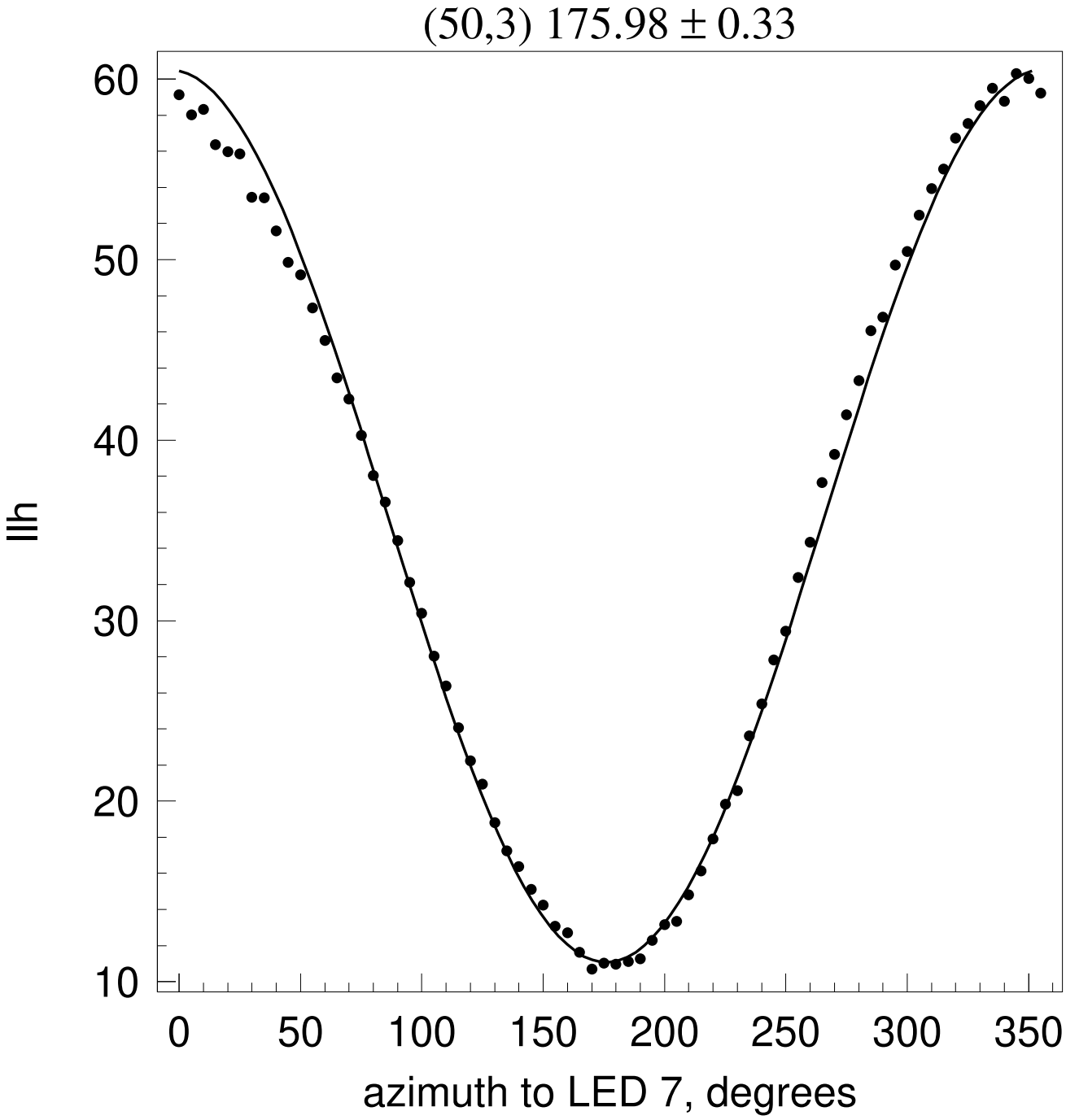

(49,58) 305.57 ± 0.90
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

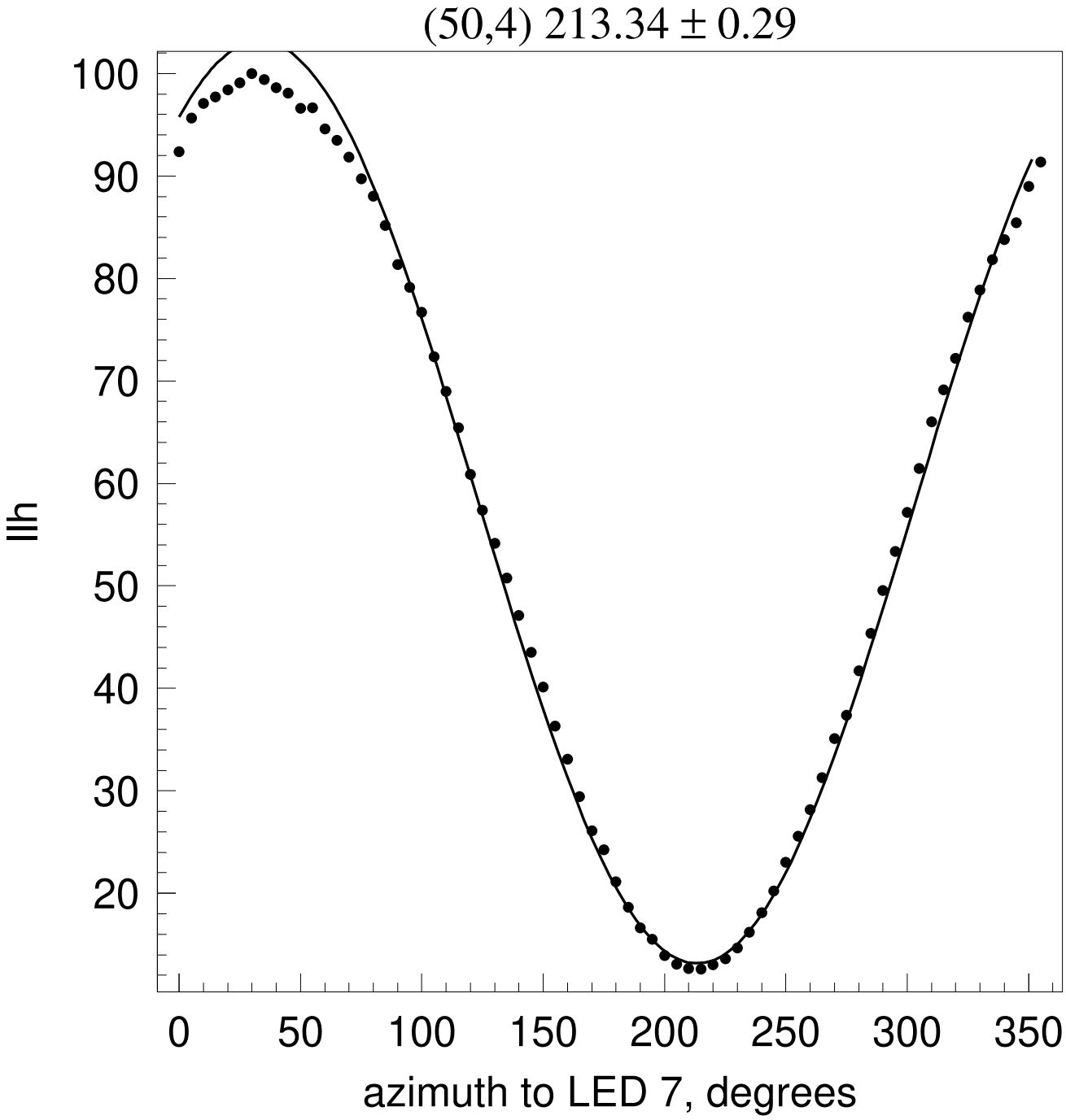

(49,59) 107.05 ± 0.78
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

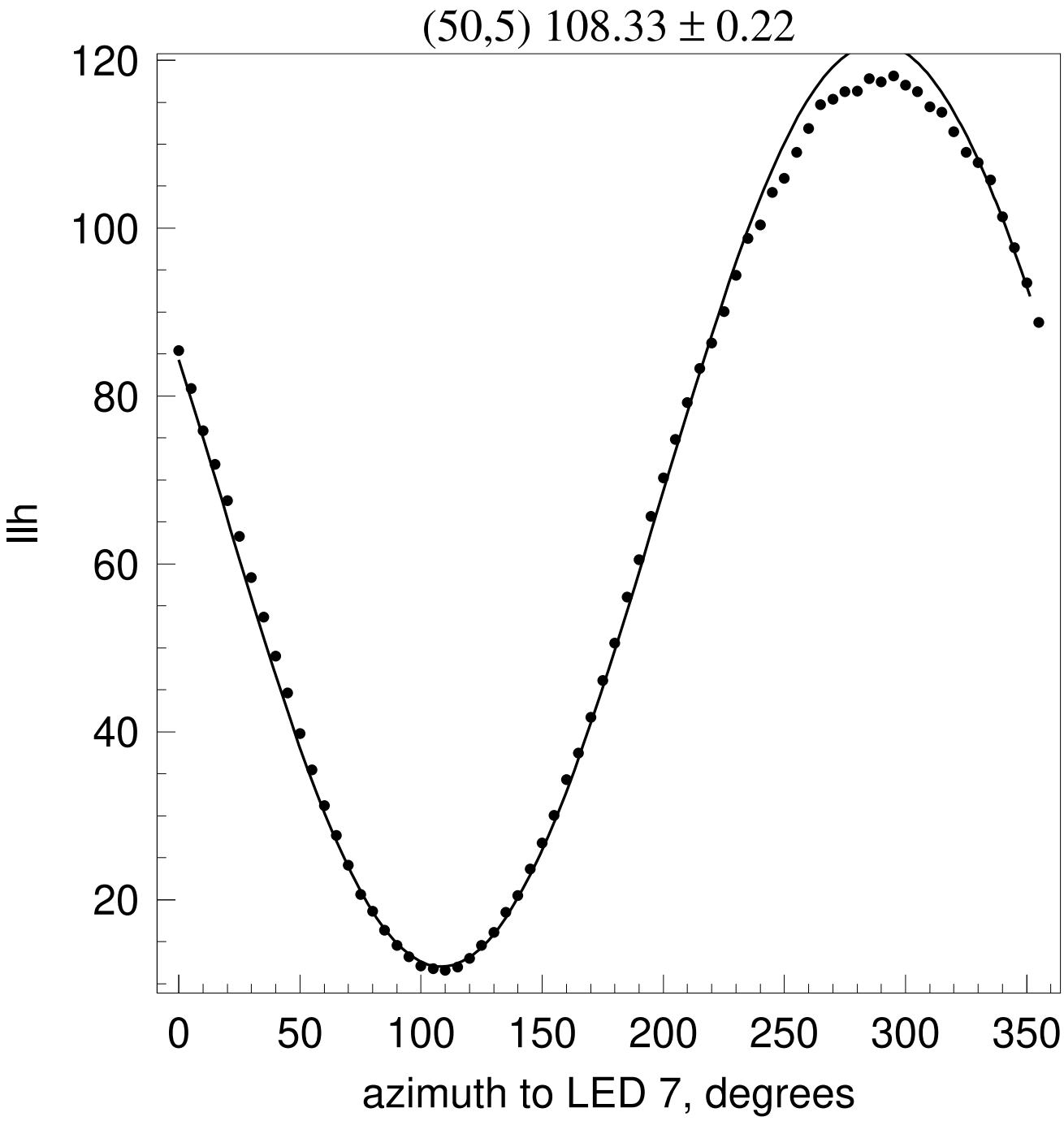

(49,60) 237.77 ± 0.72
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

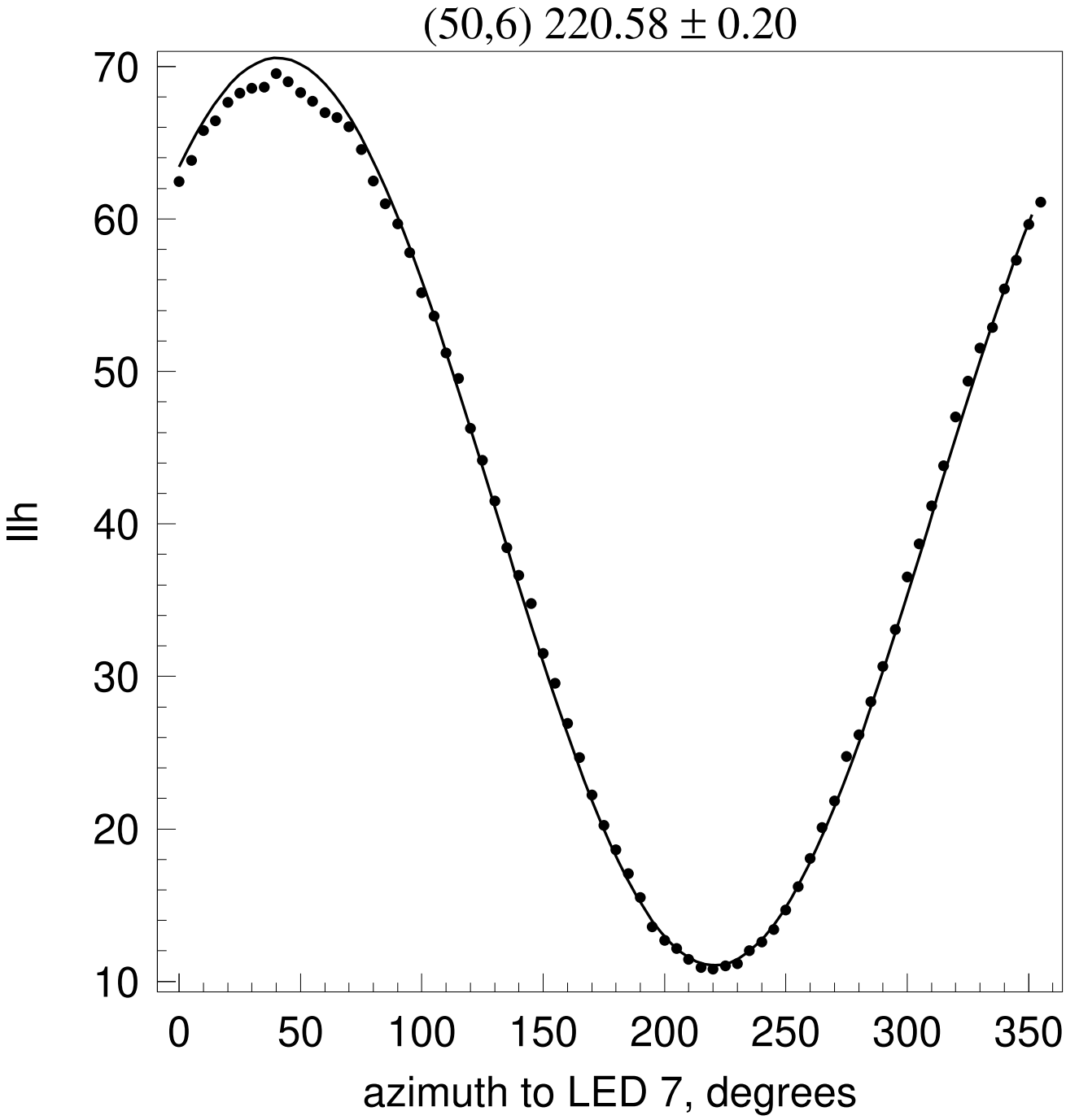

(50,1) 241.93 ± 0.34
28
26
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

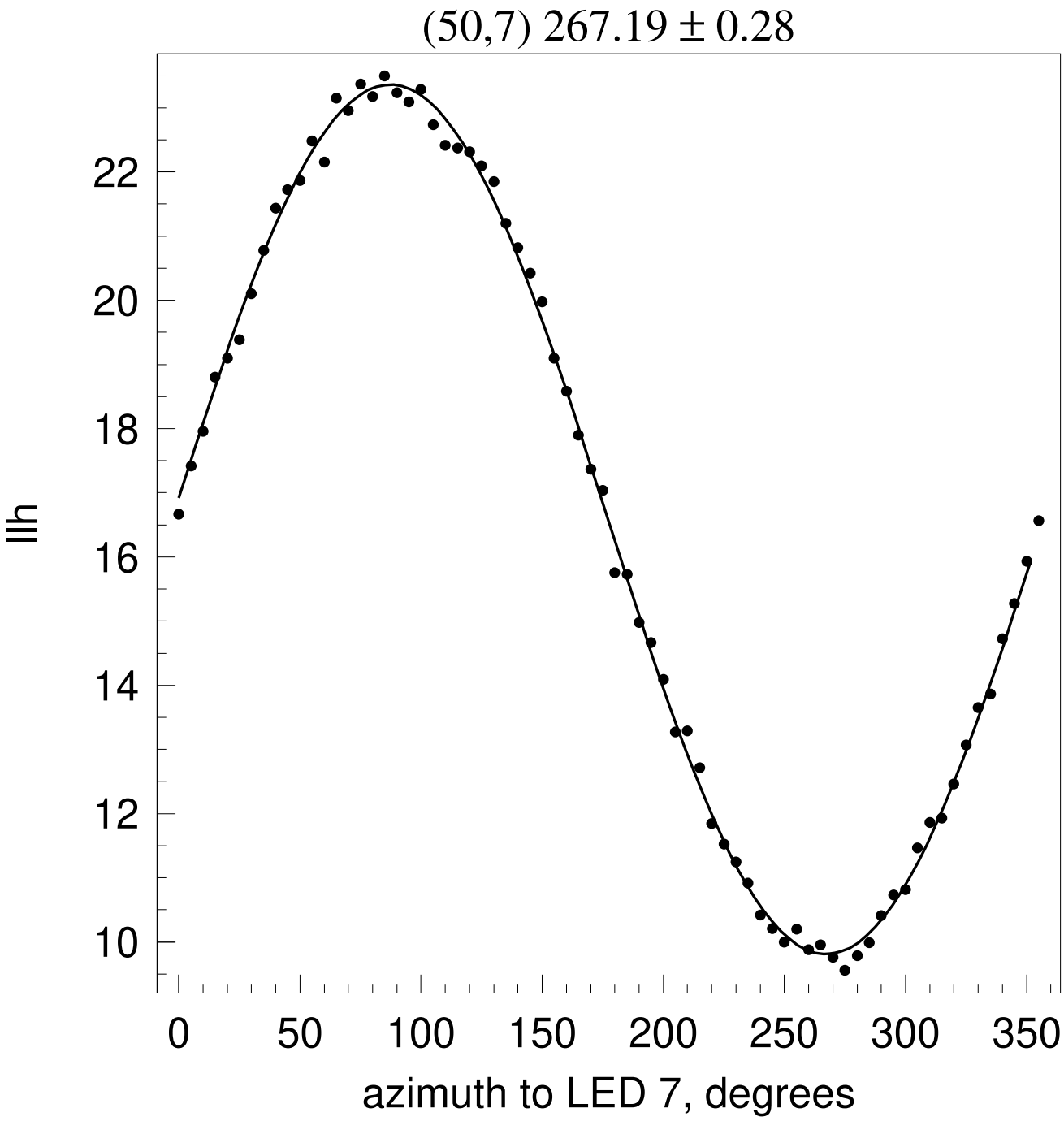

(50,2) 253.81 ± 0.26
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

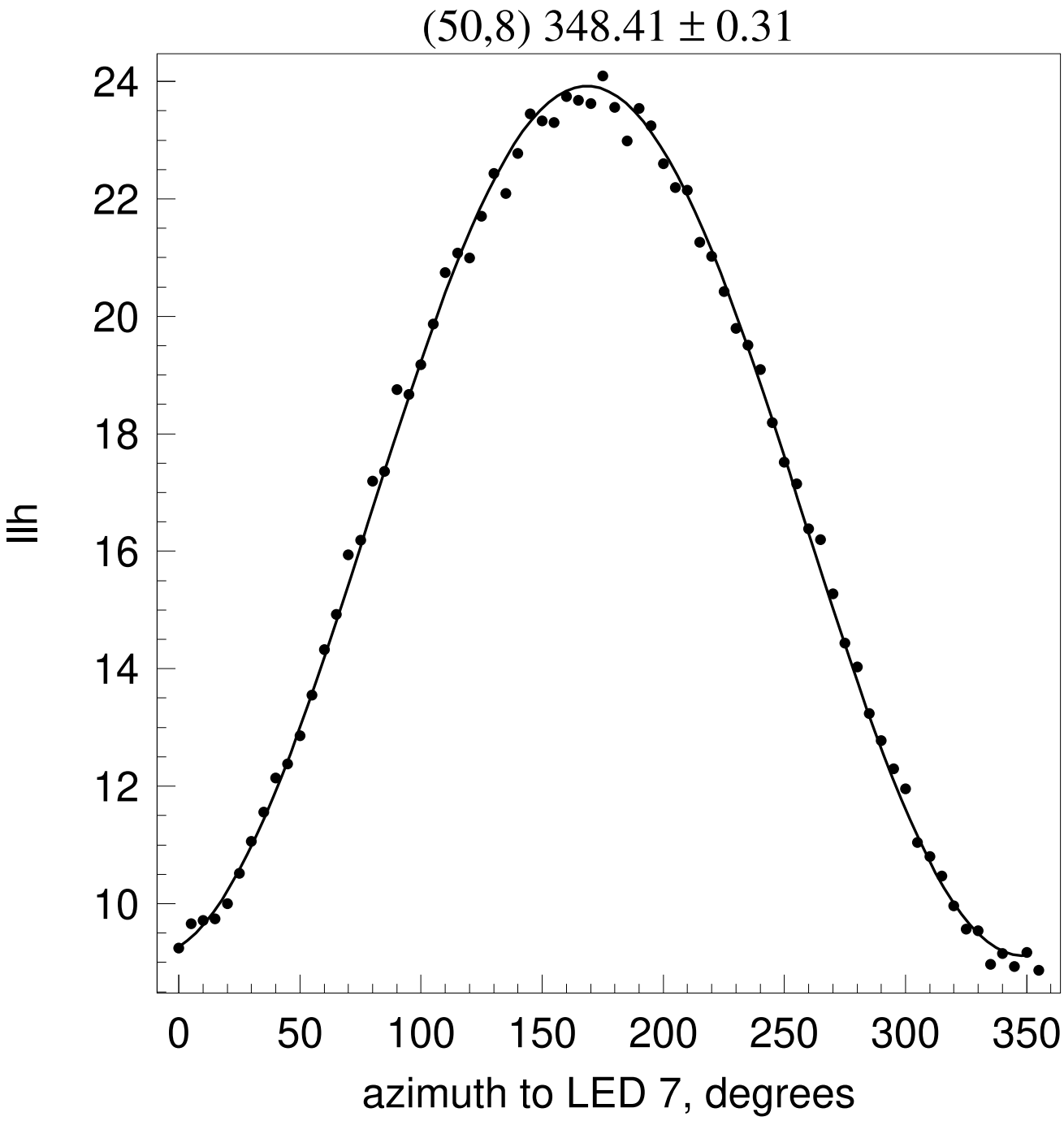

(50,3) 175.98 ± 0.33
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

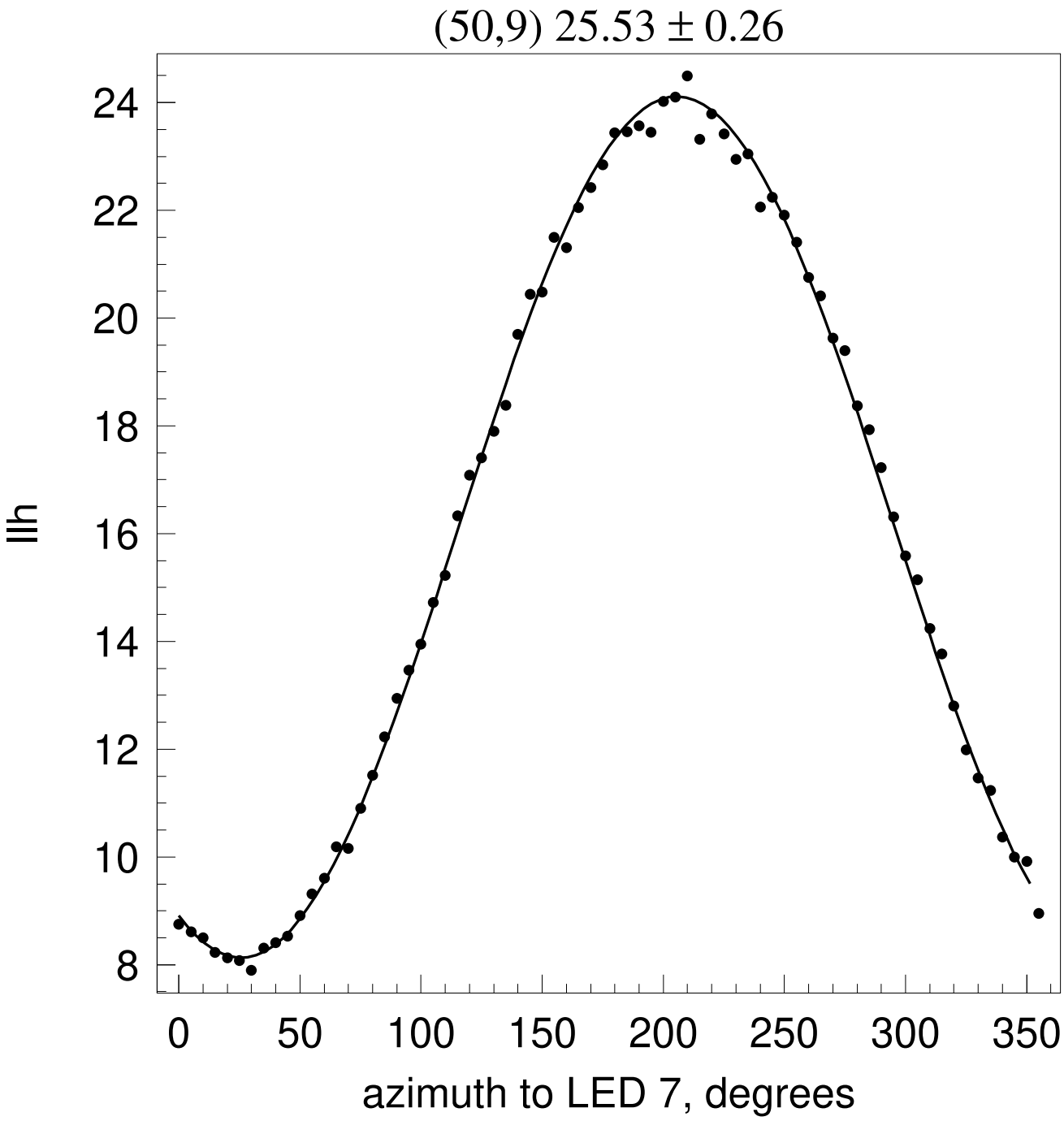

(50,4) 213.34 ± 0.29
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

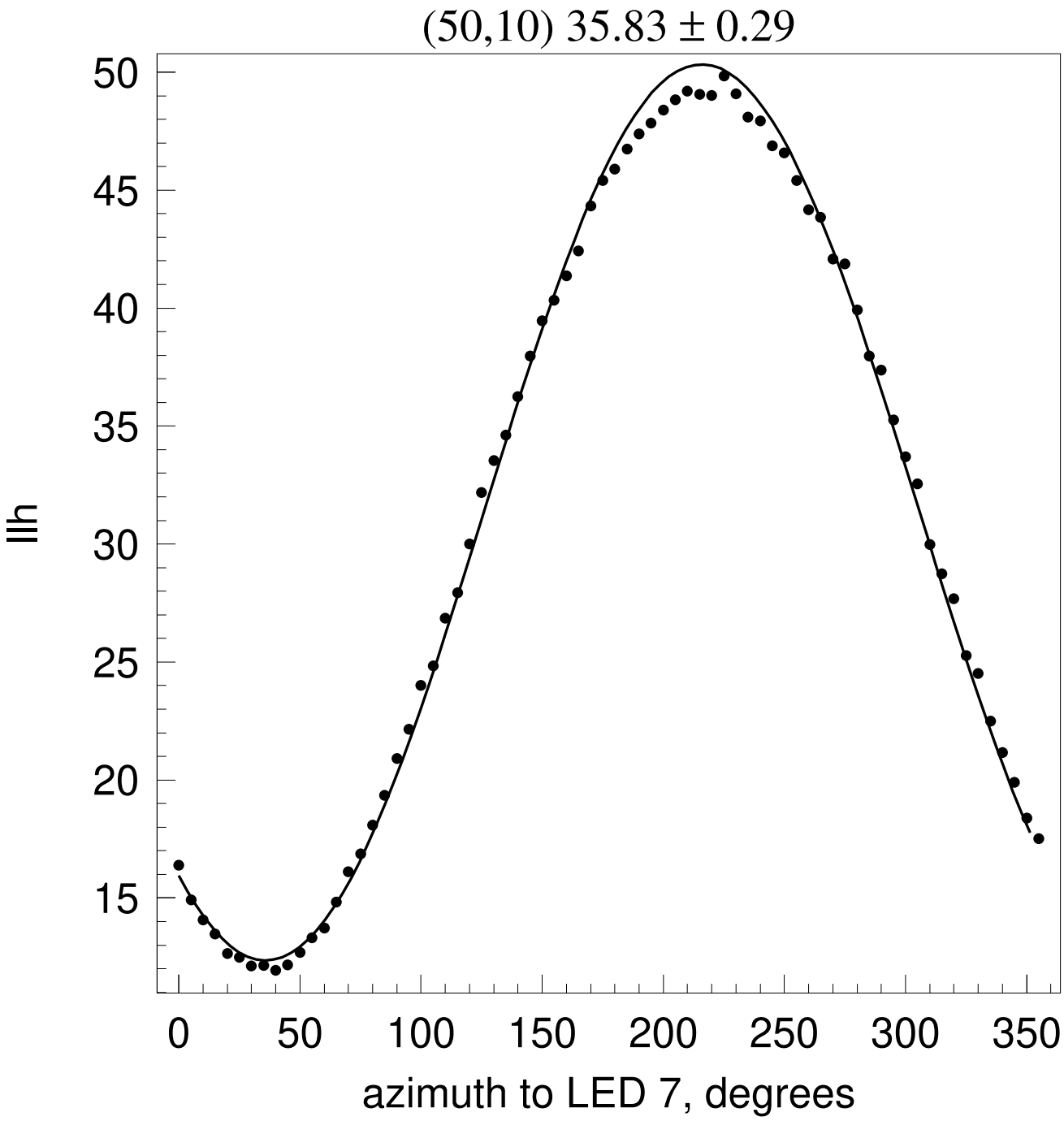

(50,5) 108.33 ± 0.22
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

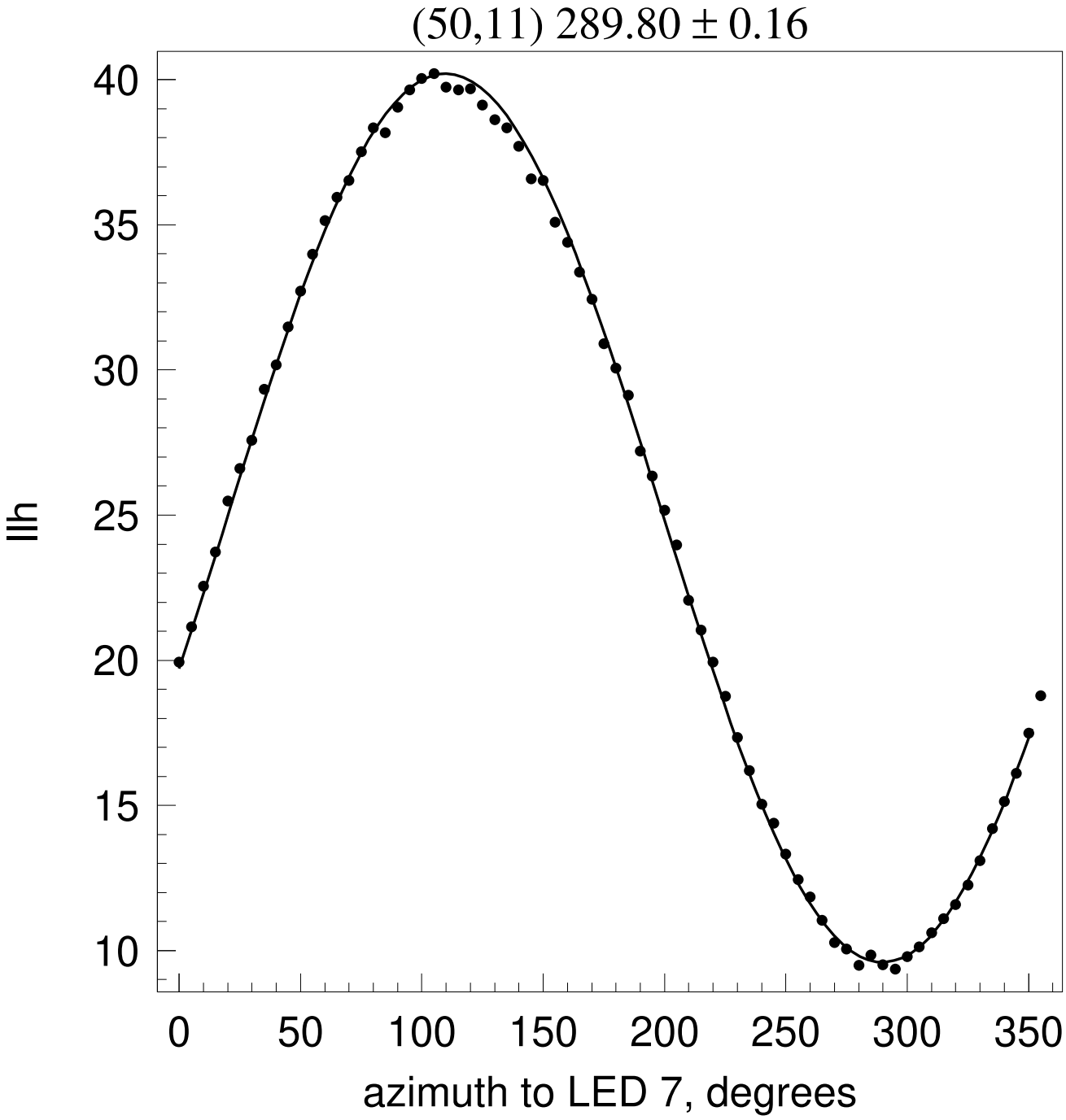

(50,6) 220.58 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

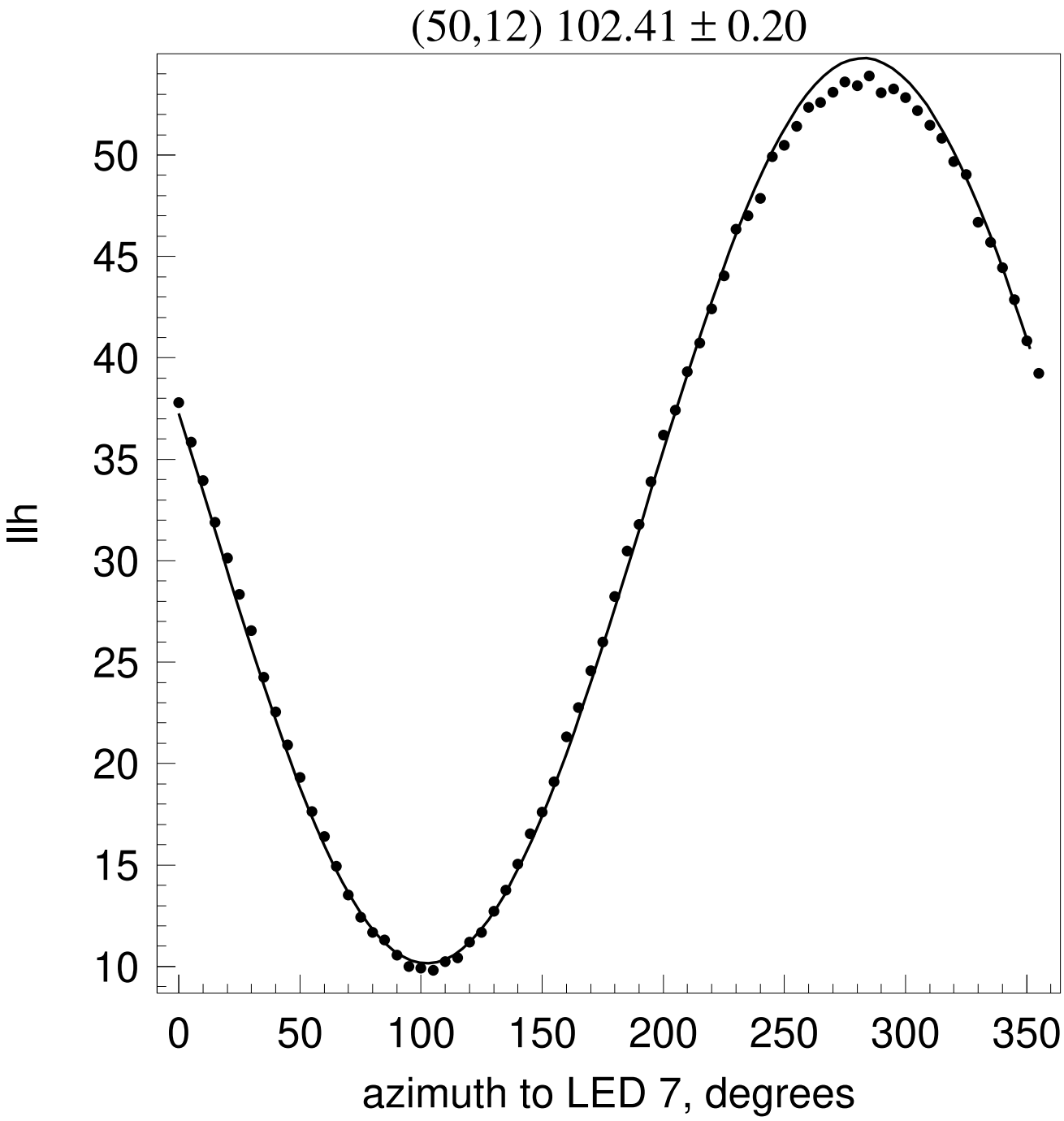

(50,7) 267.19 ± 0.28
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

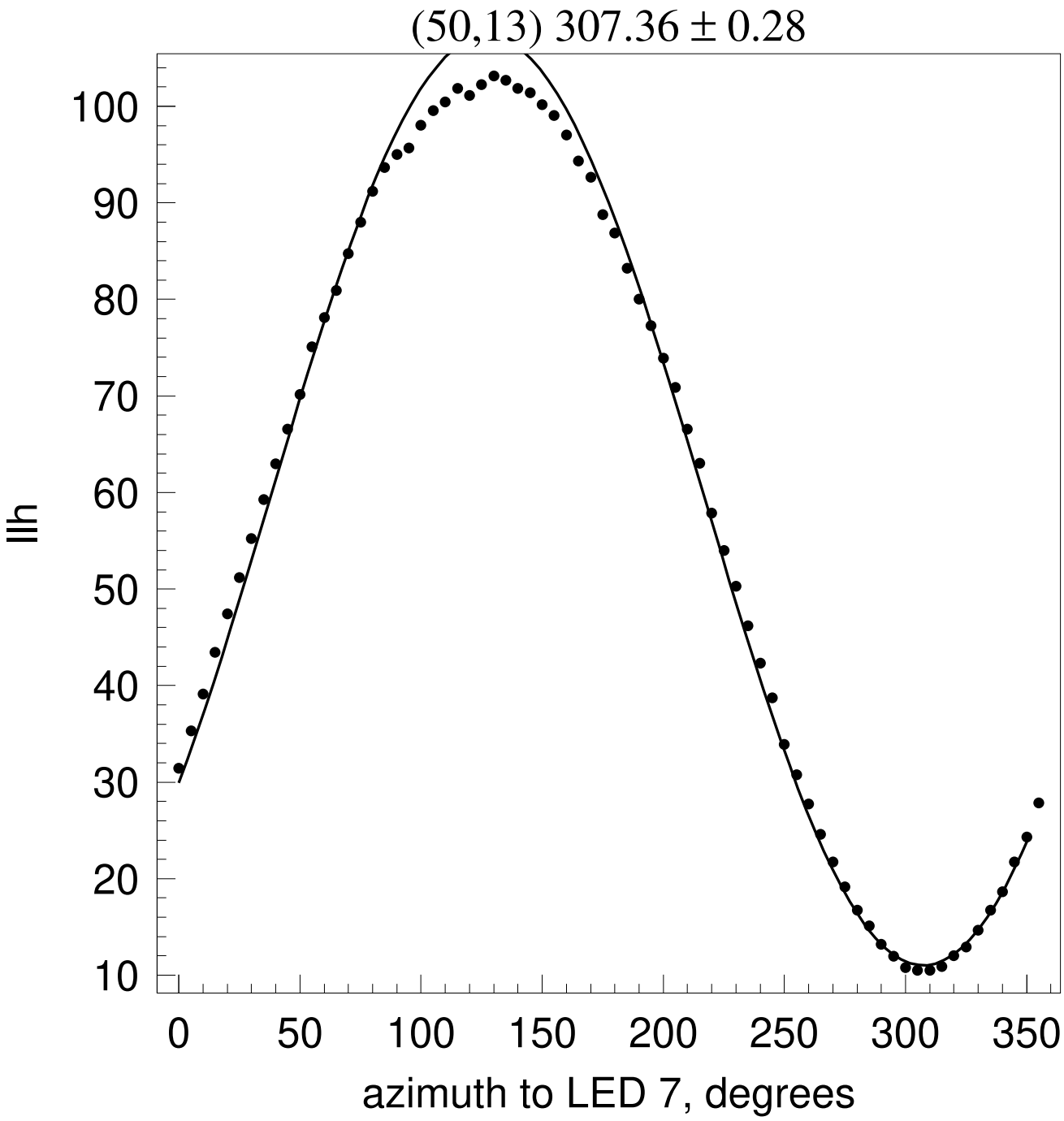

(50,8) 348.41 ± 0.31
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

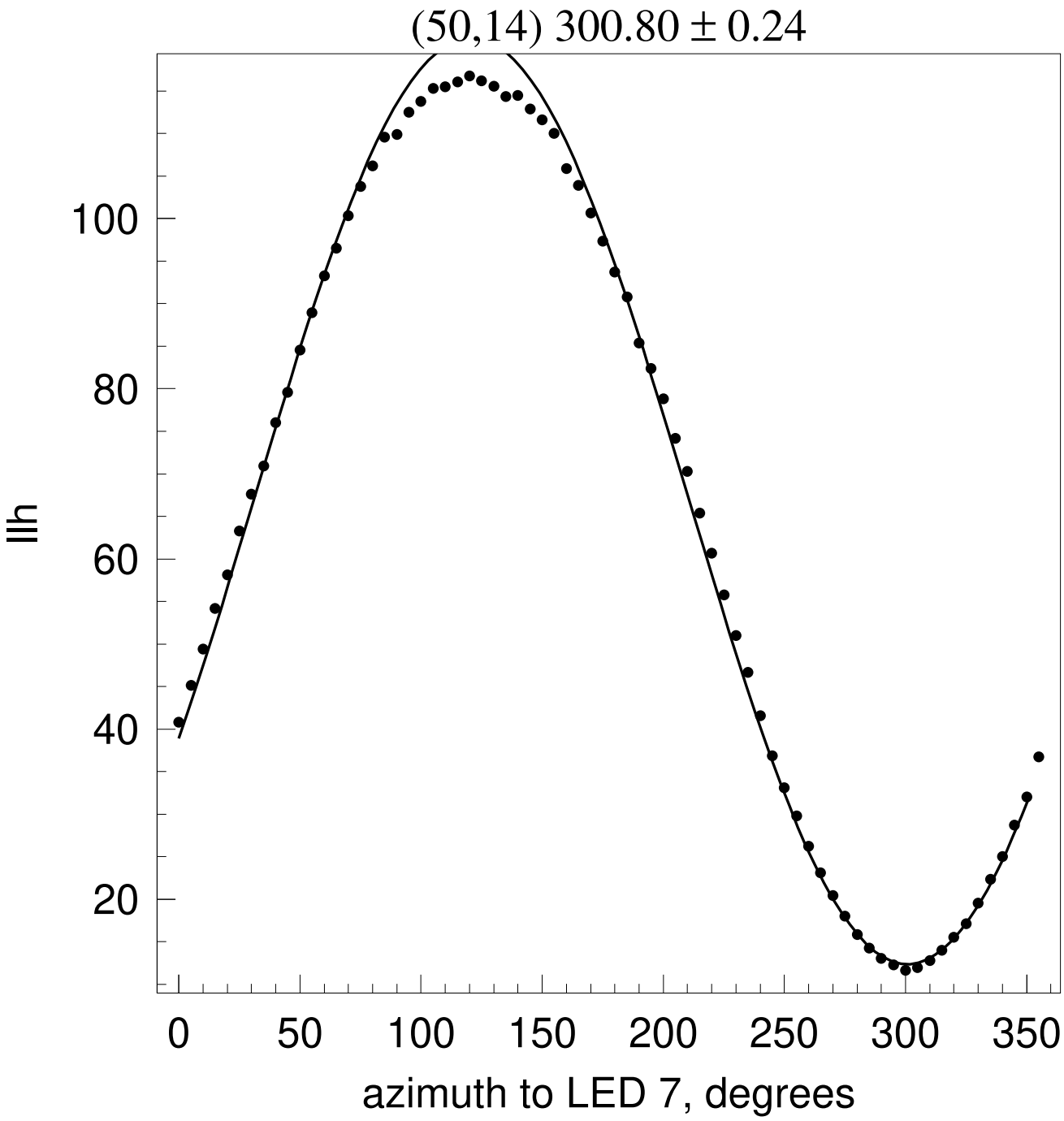

(50,9) 25.53 ± 0.26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

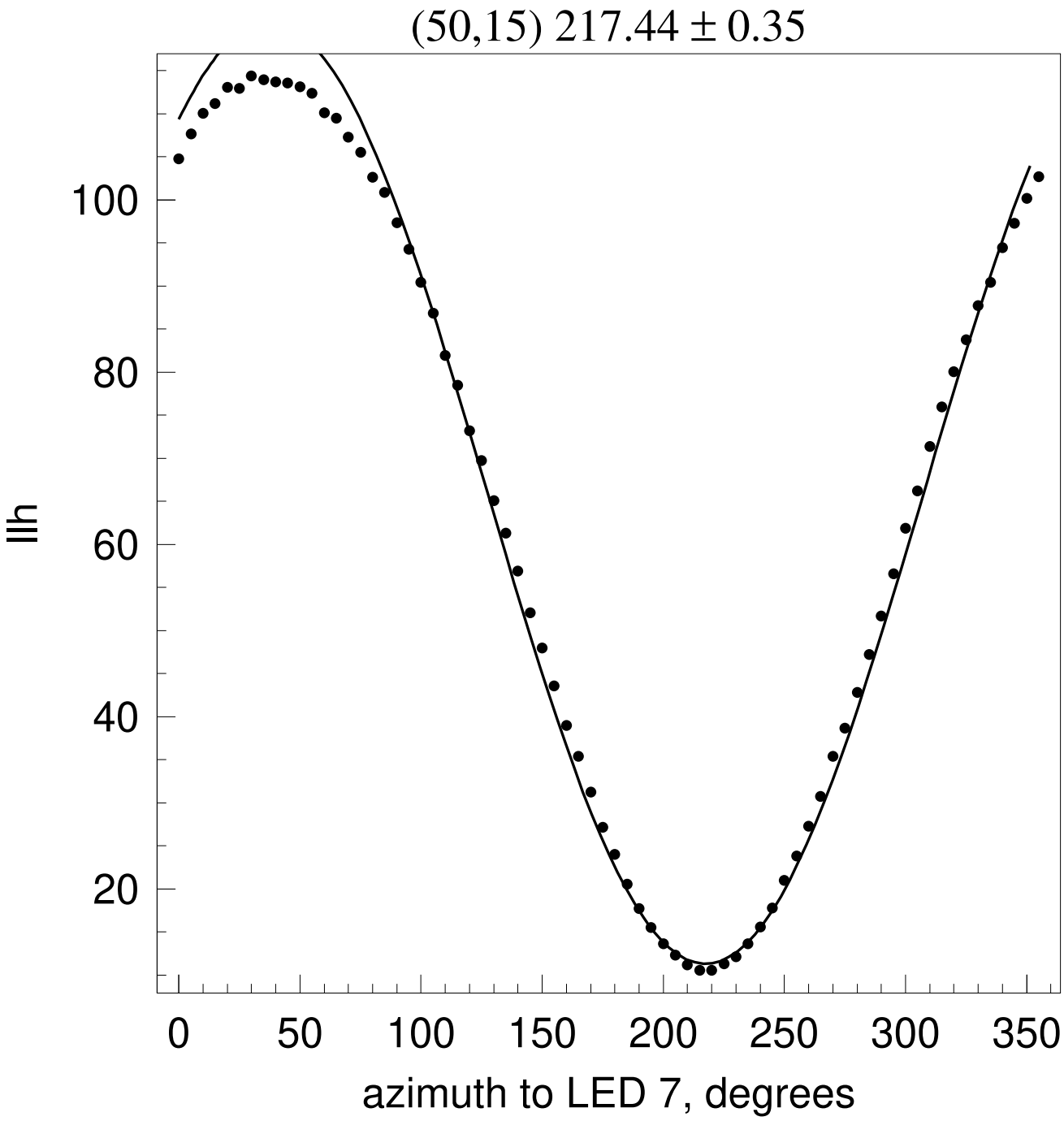

(50,10) 35.83 ± 0.29
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

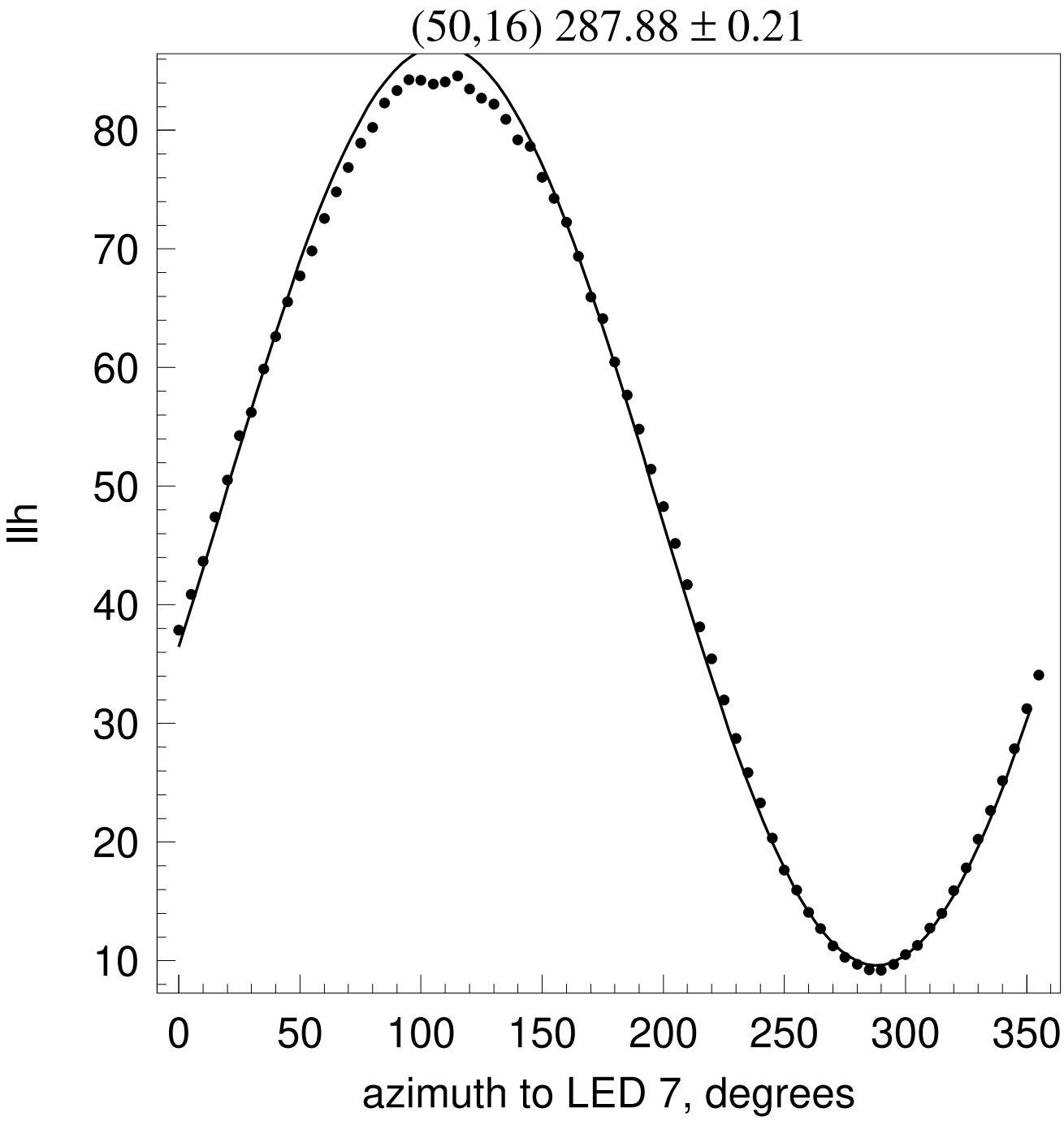

(50,11) 289.80 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

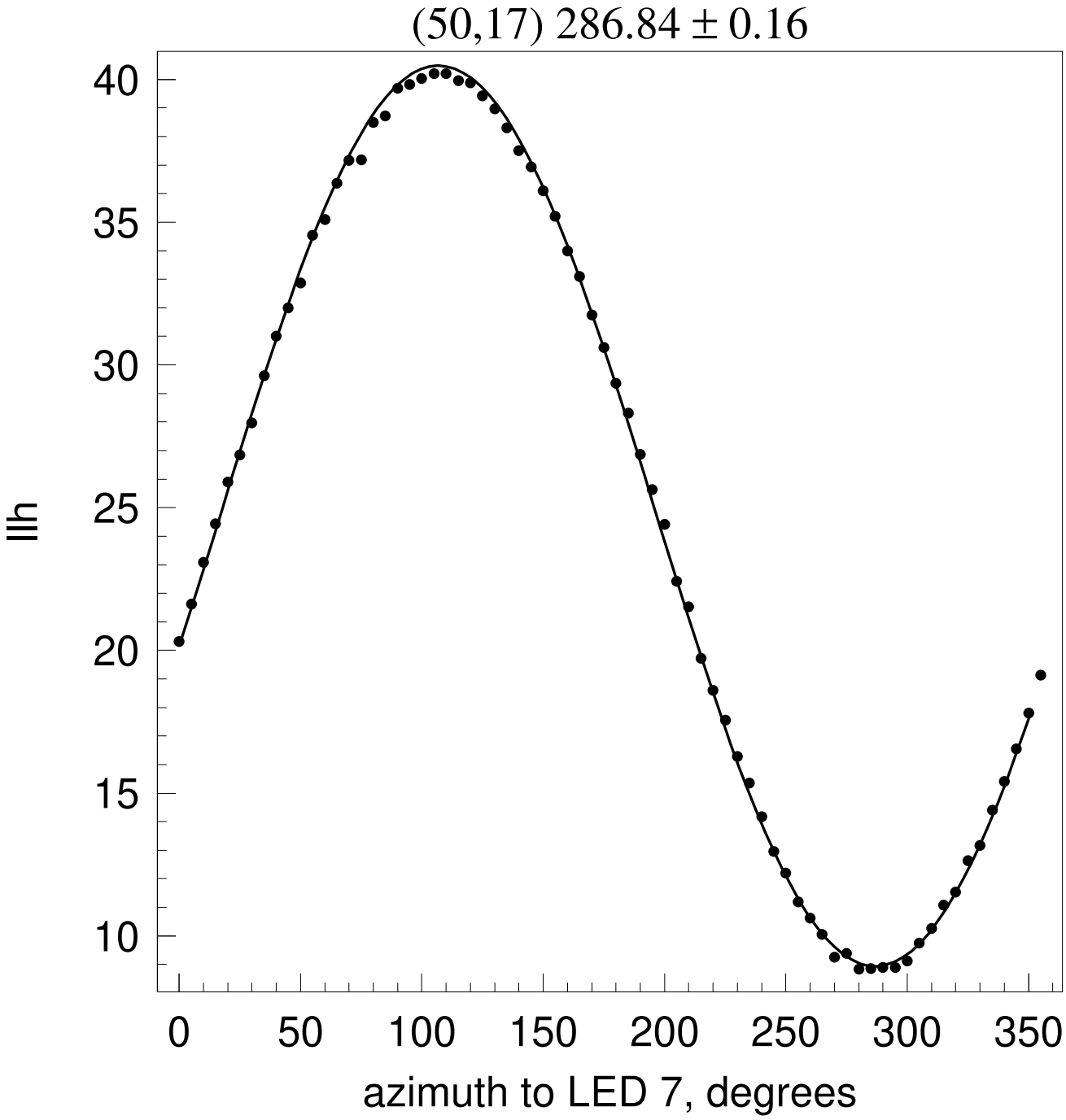

(50,12) 102.41 ± 0.20
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

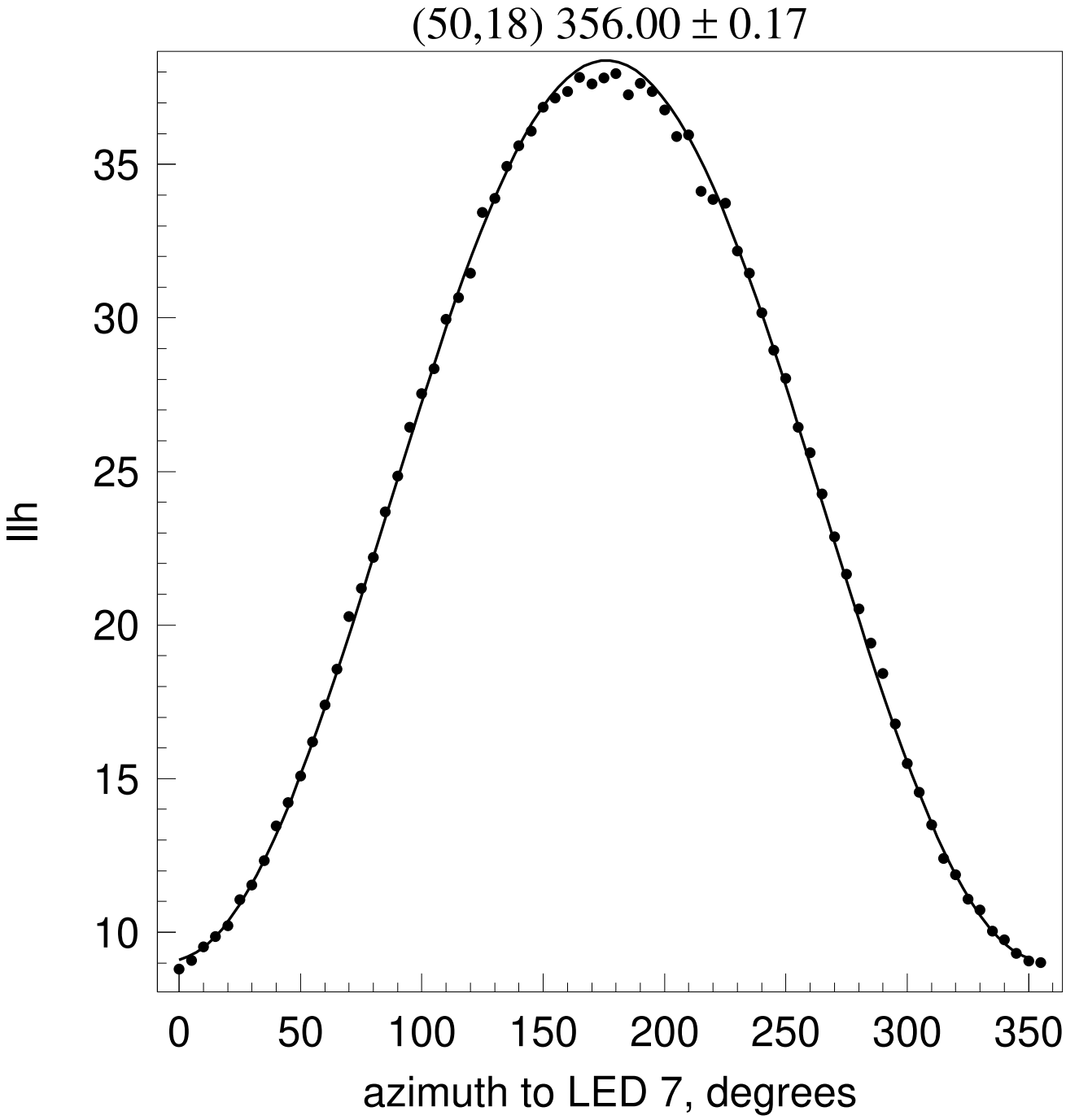

(50,13) 307.36 ± 0.28
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

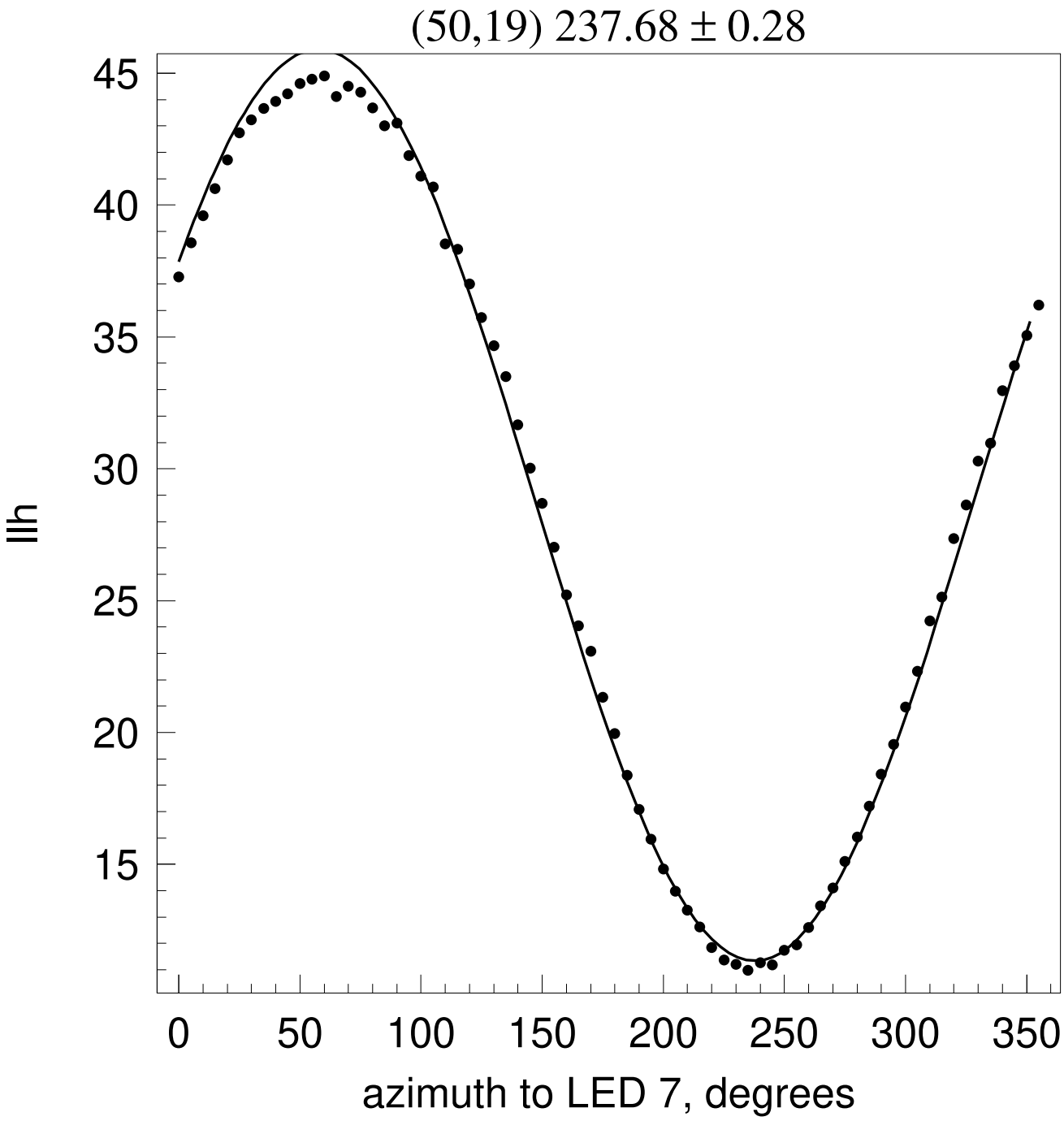

(50,14) 300.80 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

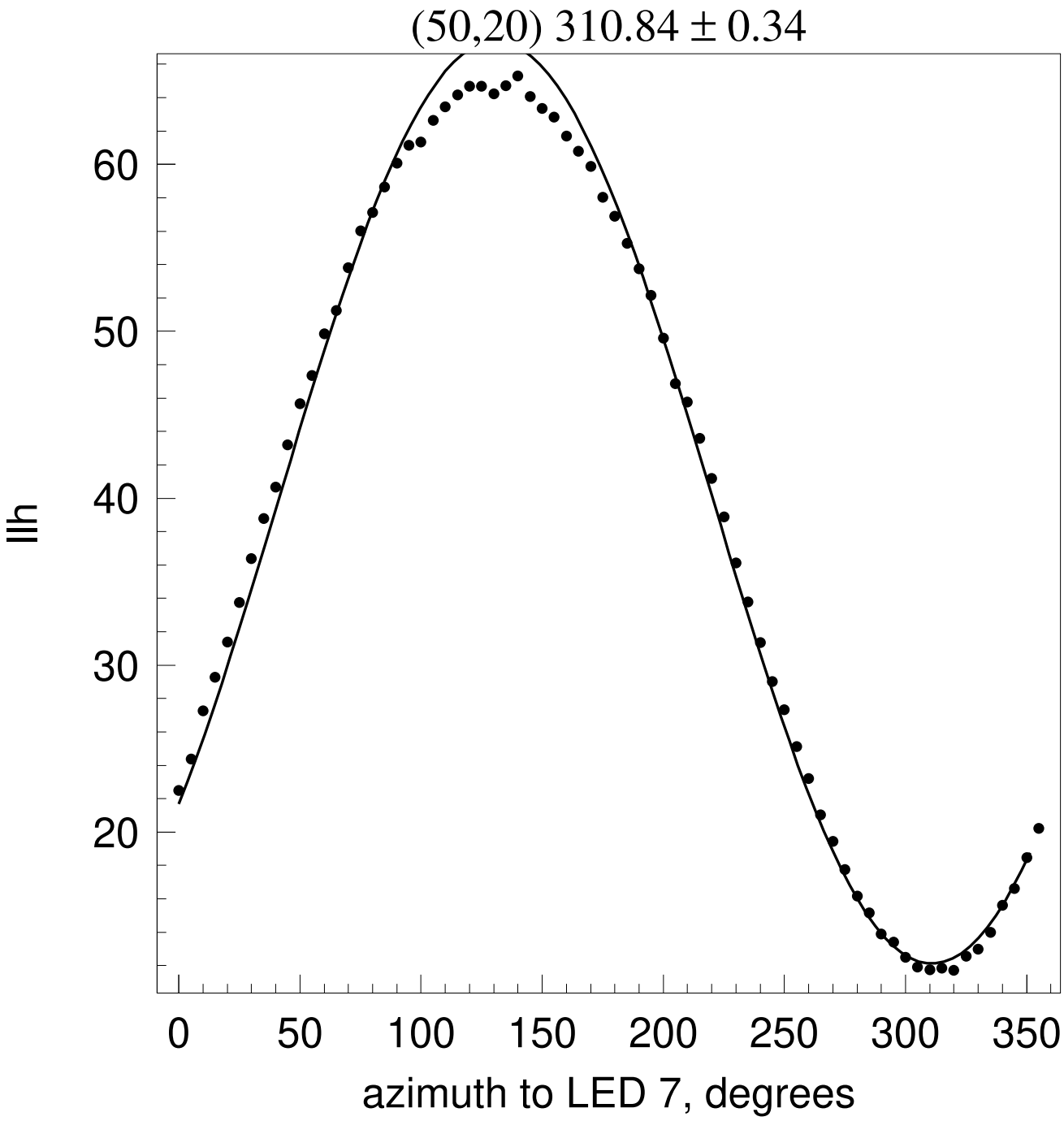

(50,15) 217.44 ± 0.35
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

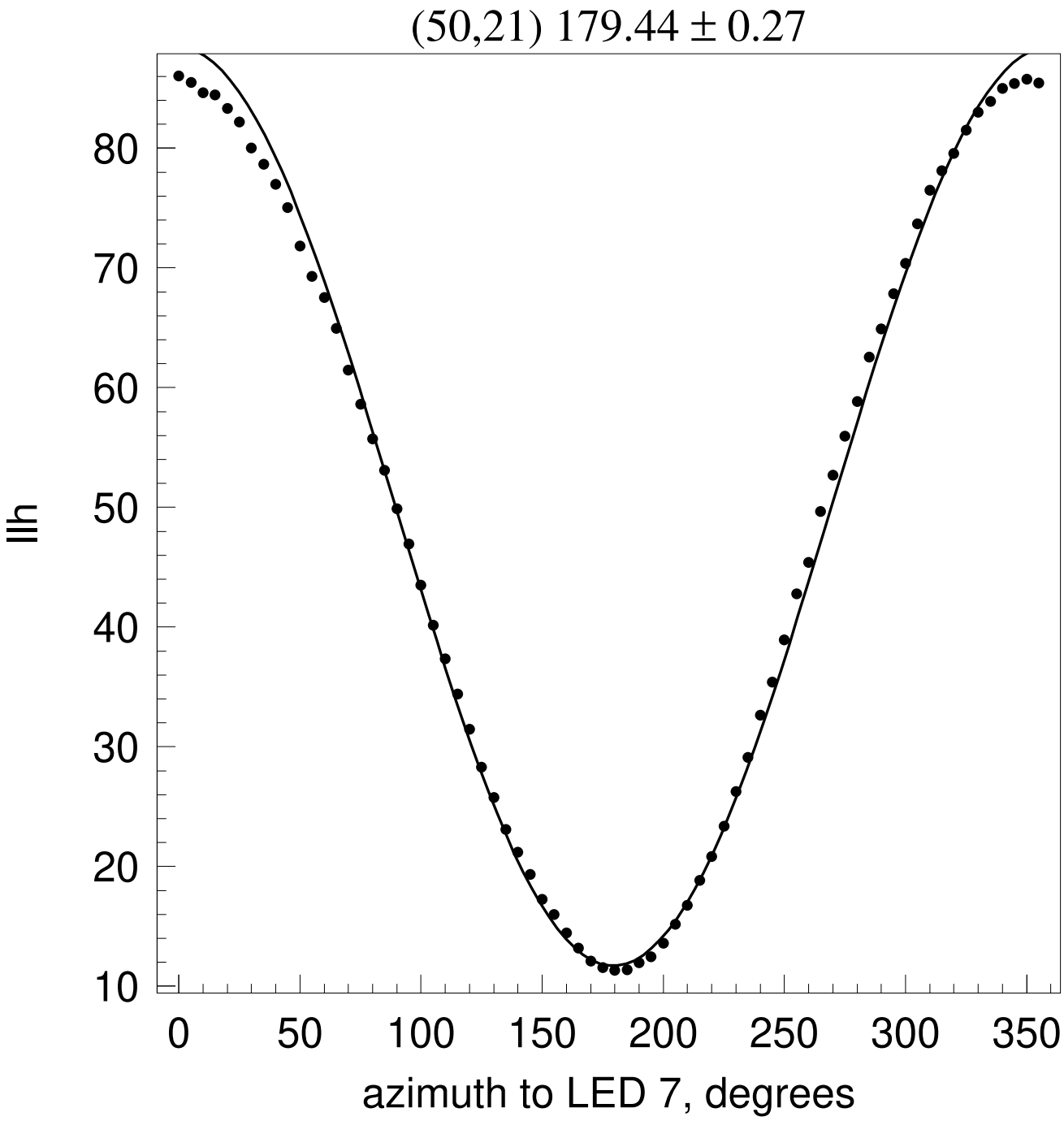

(50,16) 287.88 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

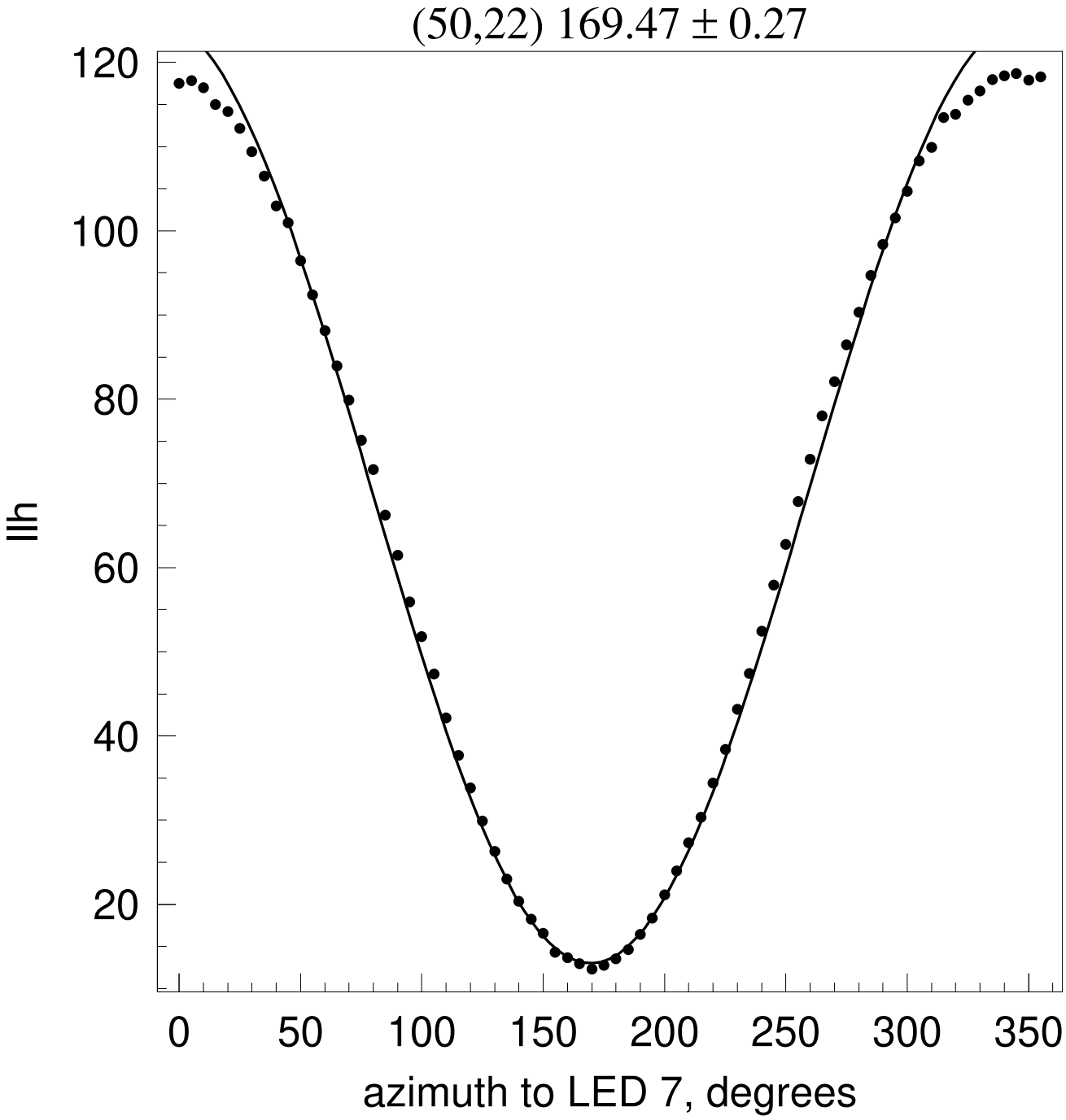

(50,17) 286.84 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

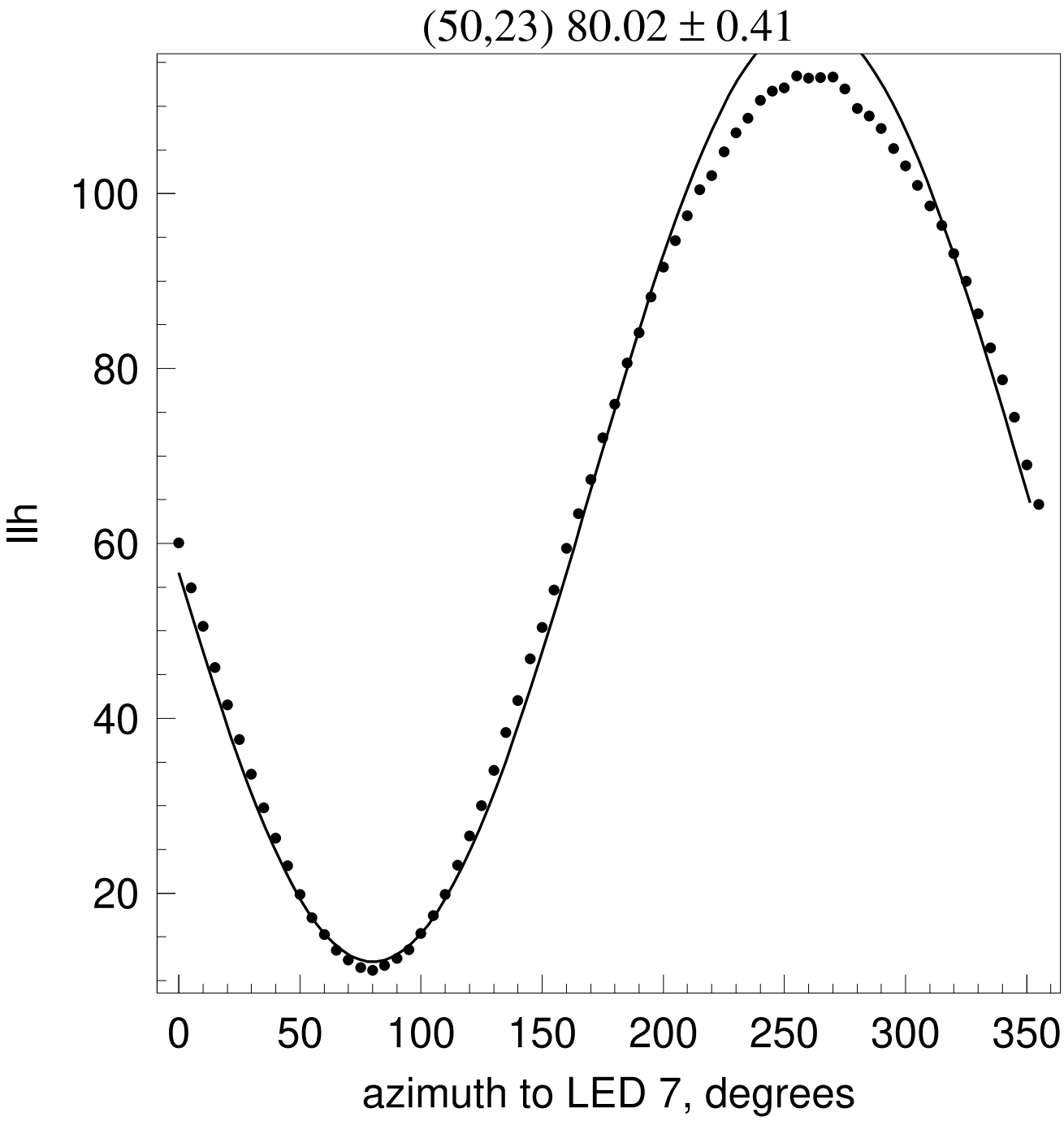

(50,18) 356.00 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

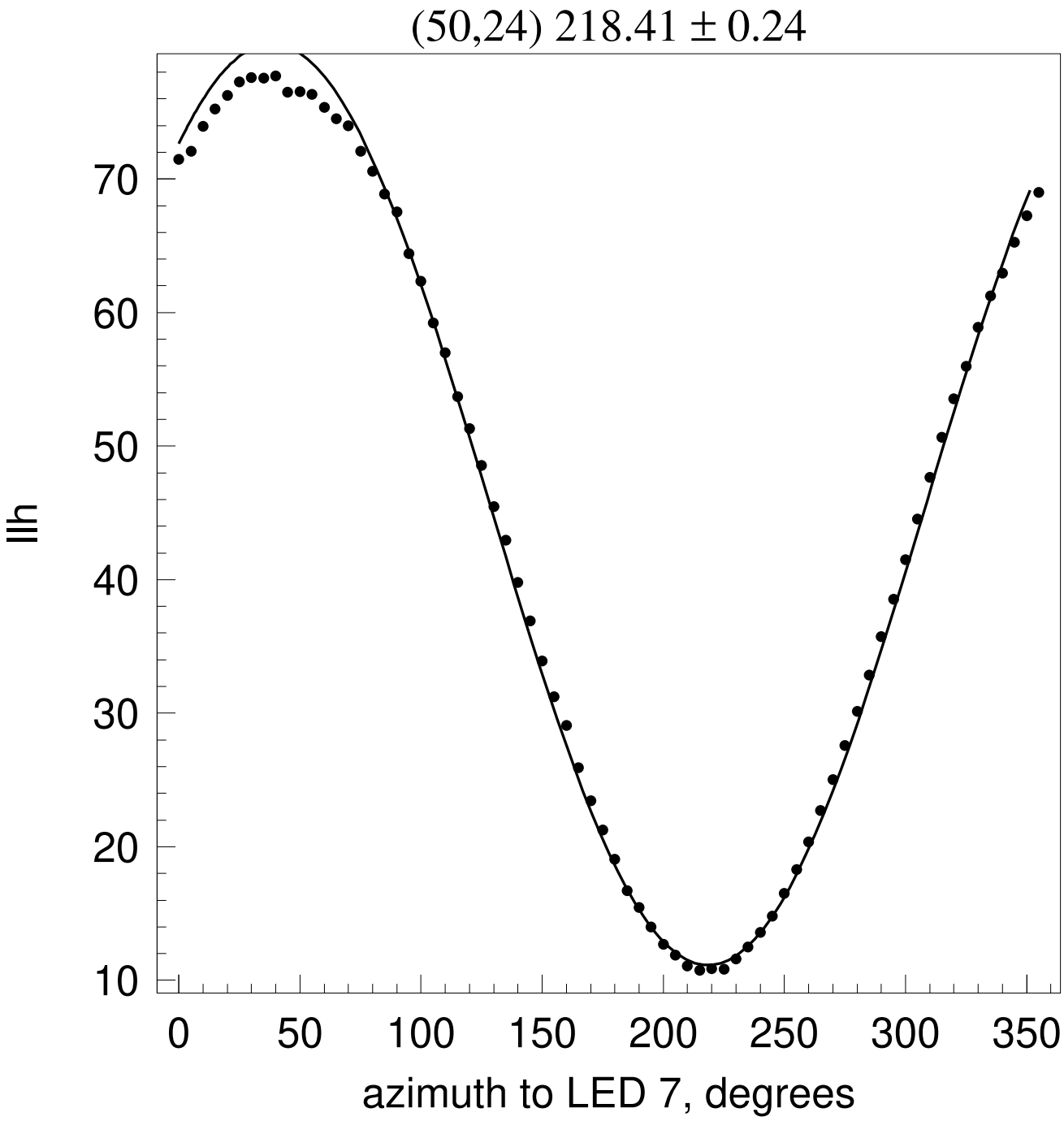

(50,19) 237.68 ± 0.28
45
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

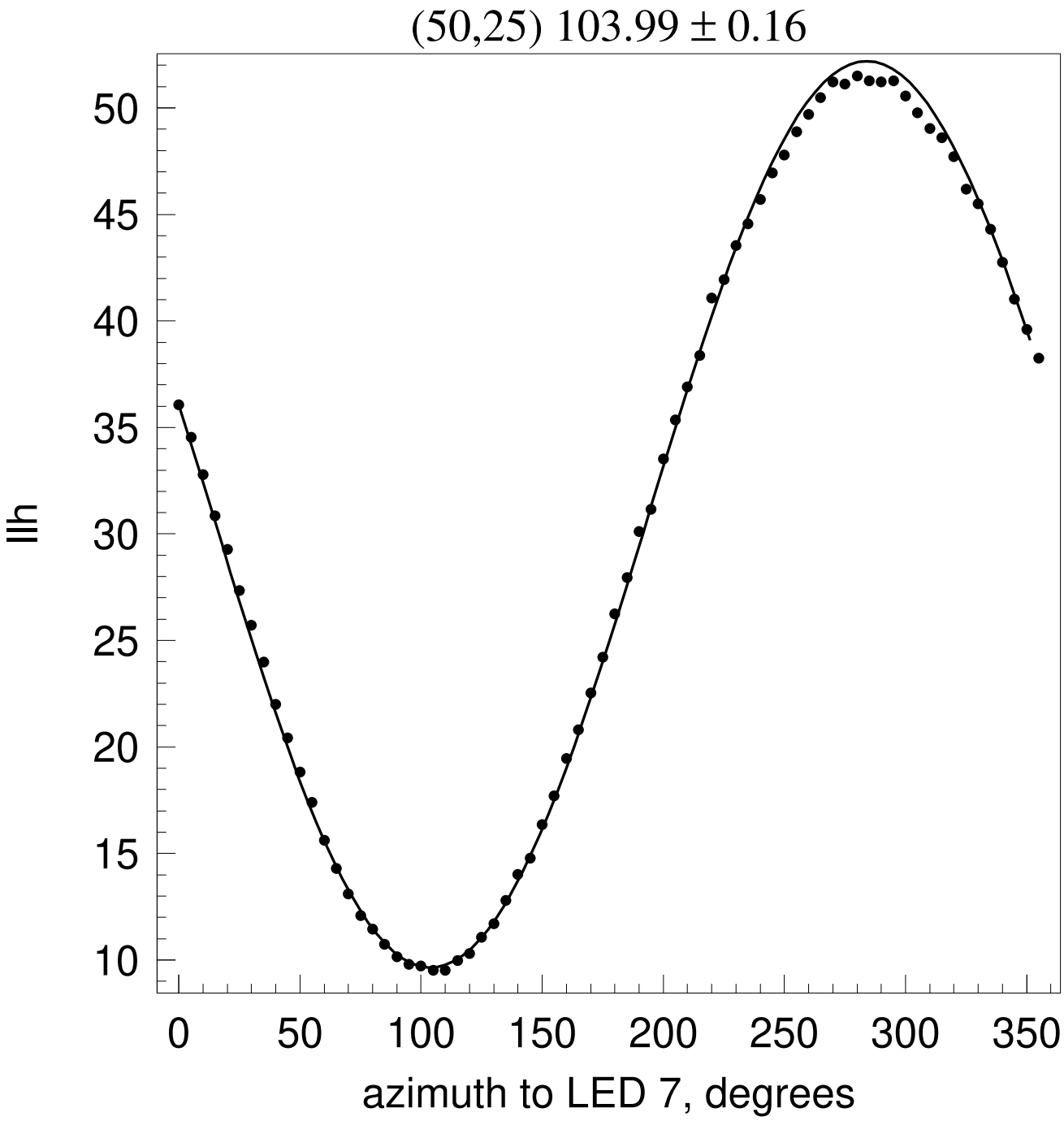

(50,20) 310.84 ± 0.34
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

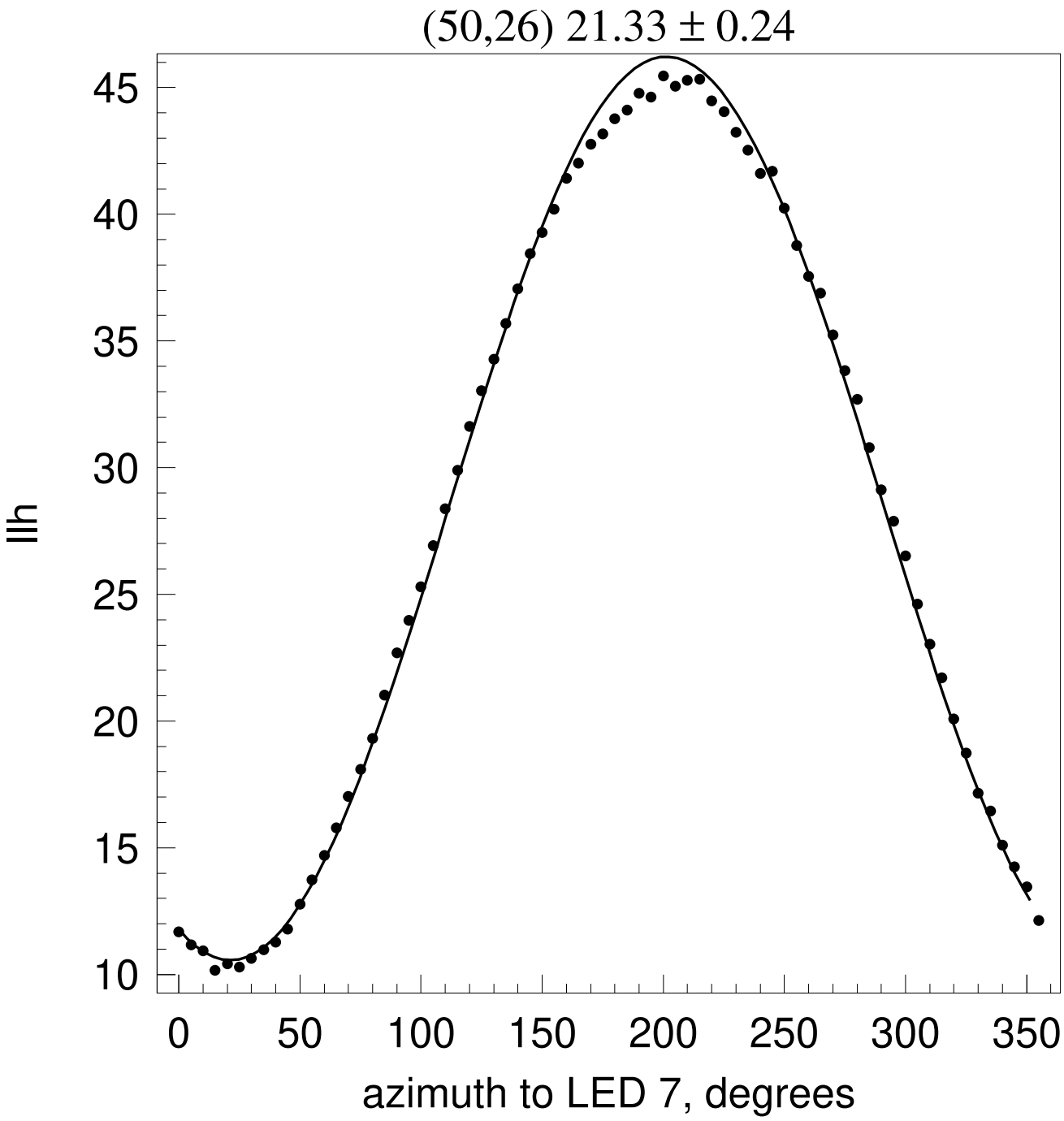

(50,21) 179.44 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

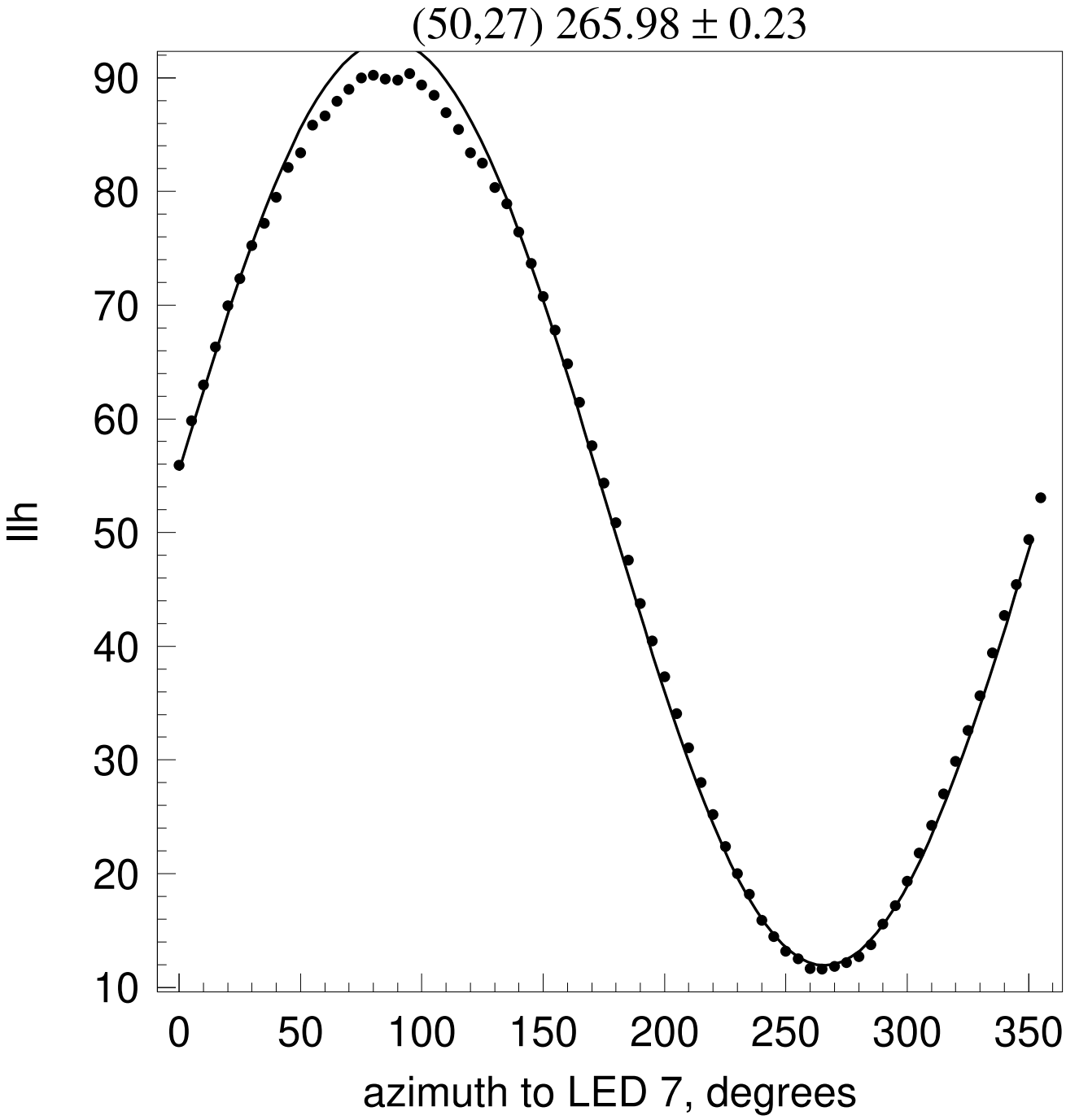

(50,22) 169.47 ± 0.27
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

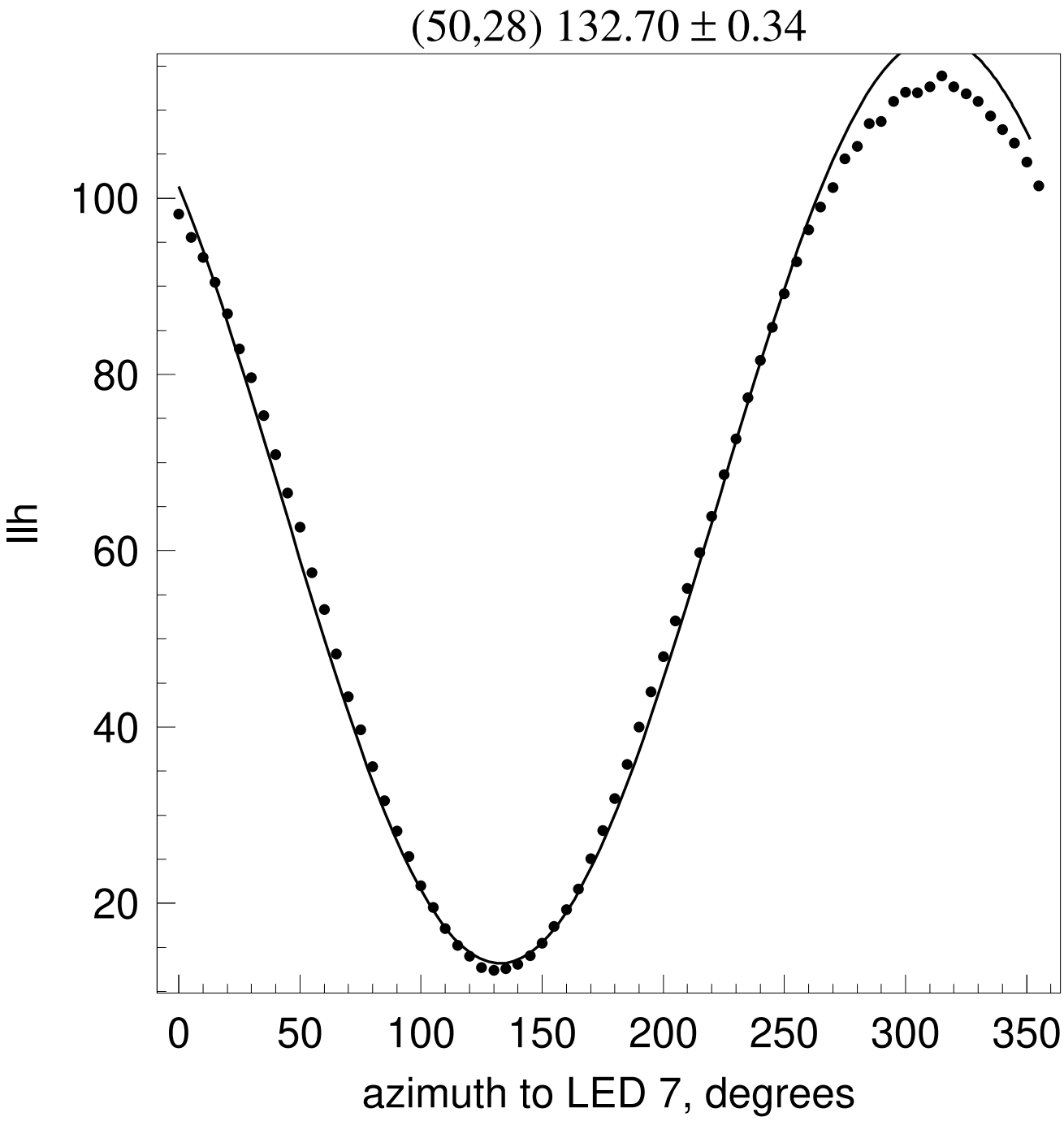

(50,23) 80.02 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

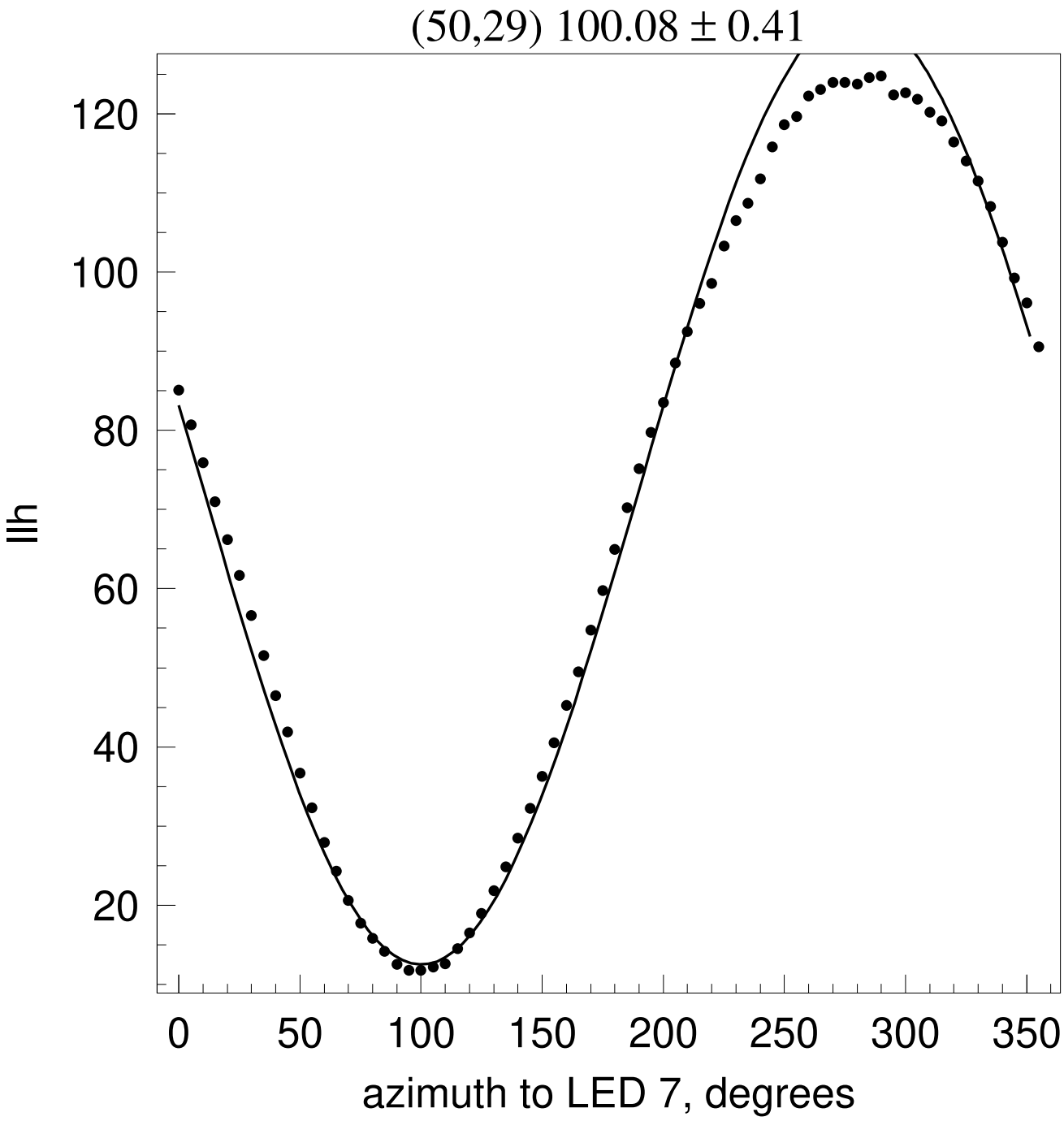

(50,24) 218.41 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

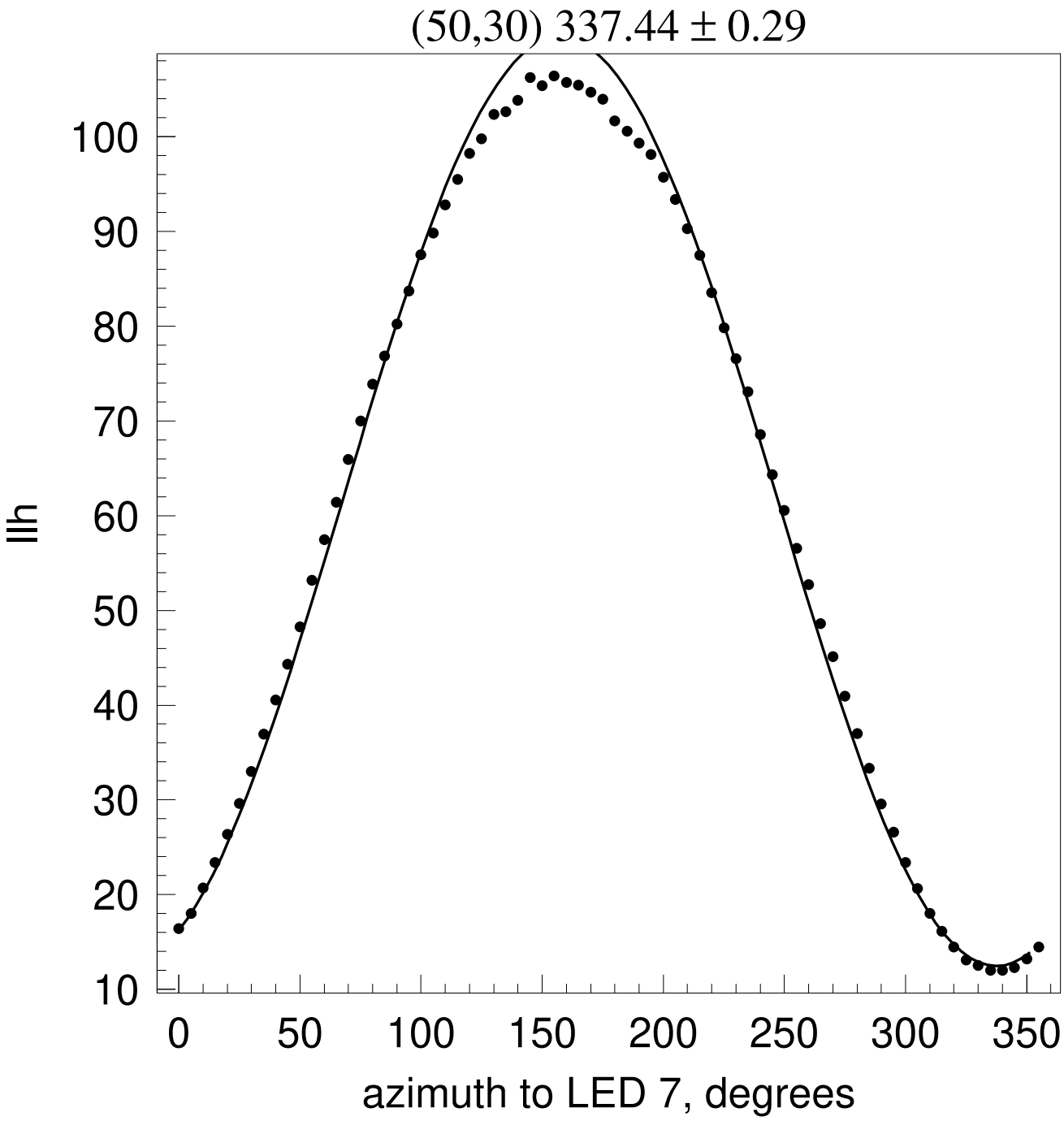

(50,25) 103.99 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

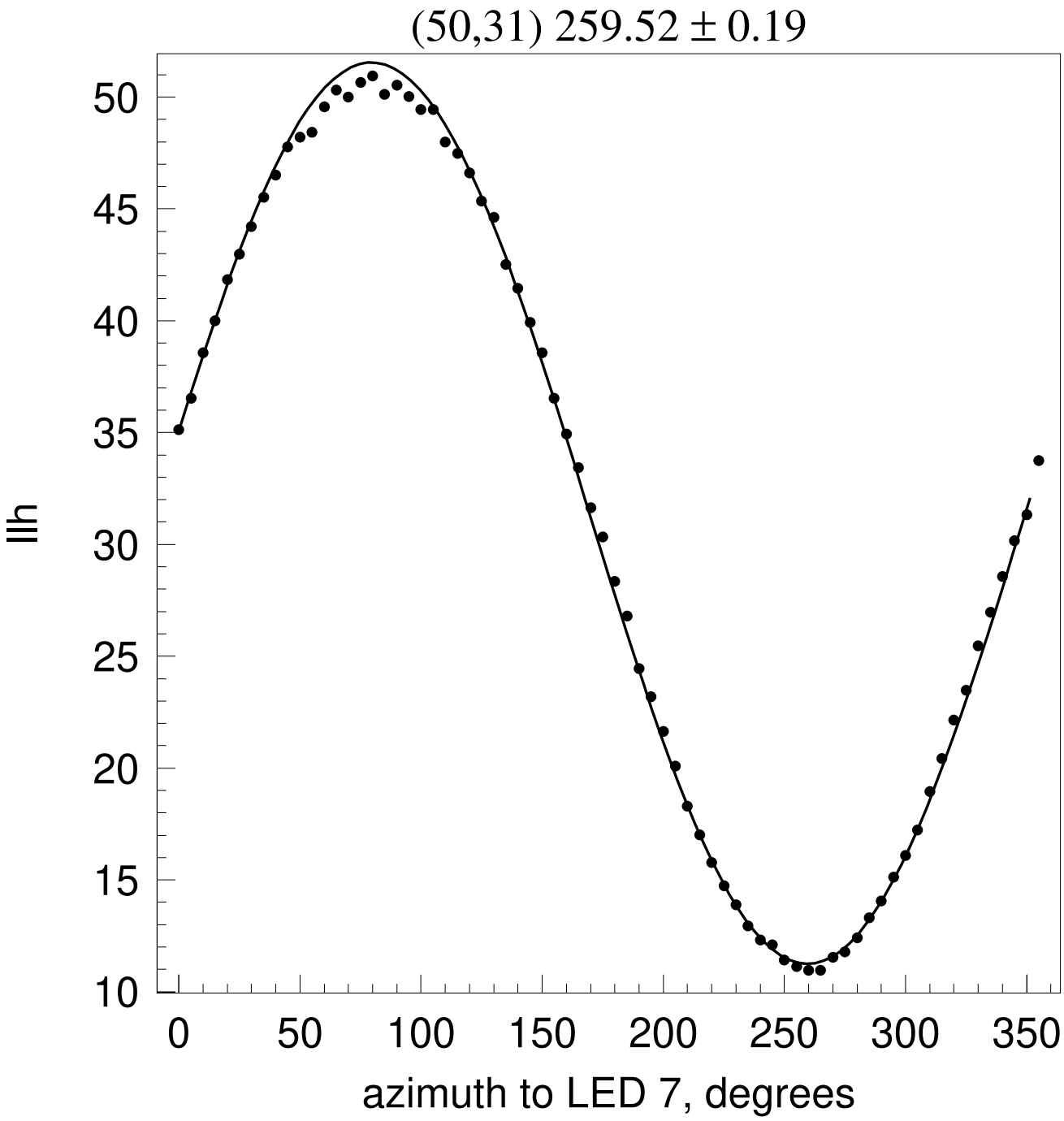

(50,26) 21.33 ± 0.24
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

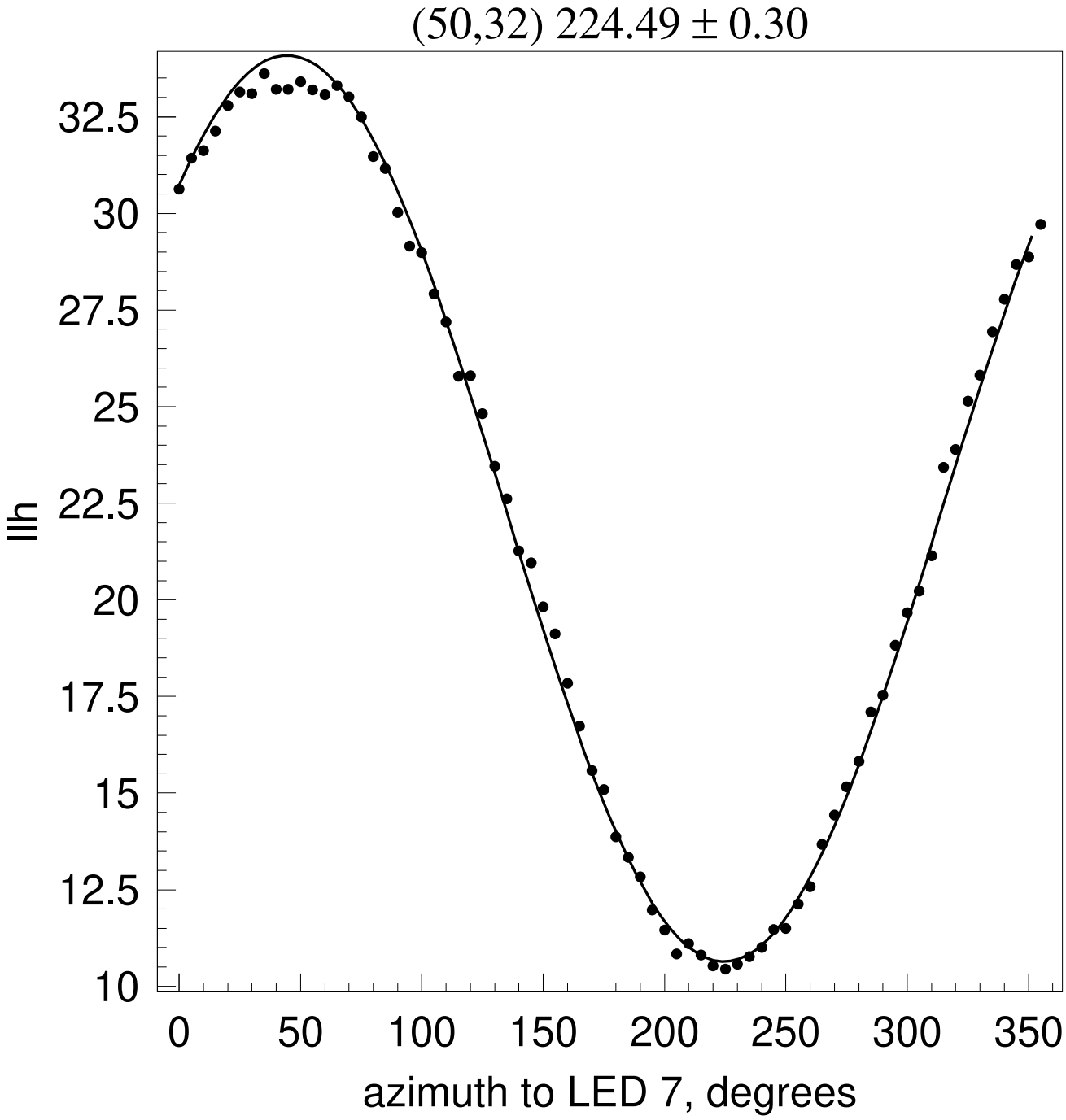

(50,27) 265.98 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

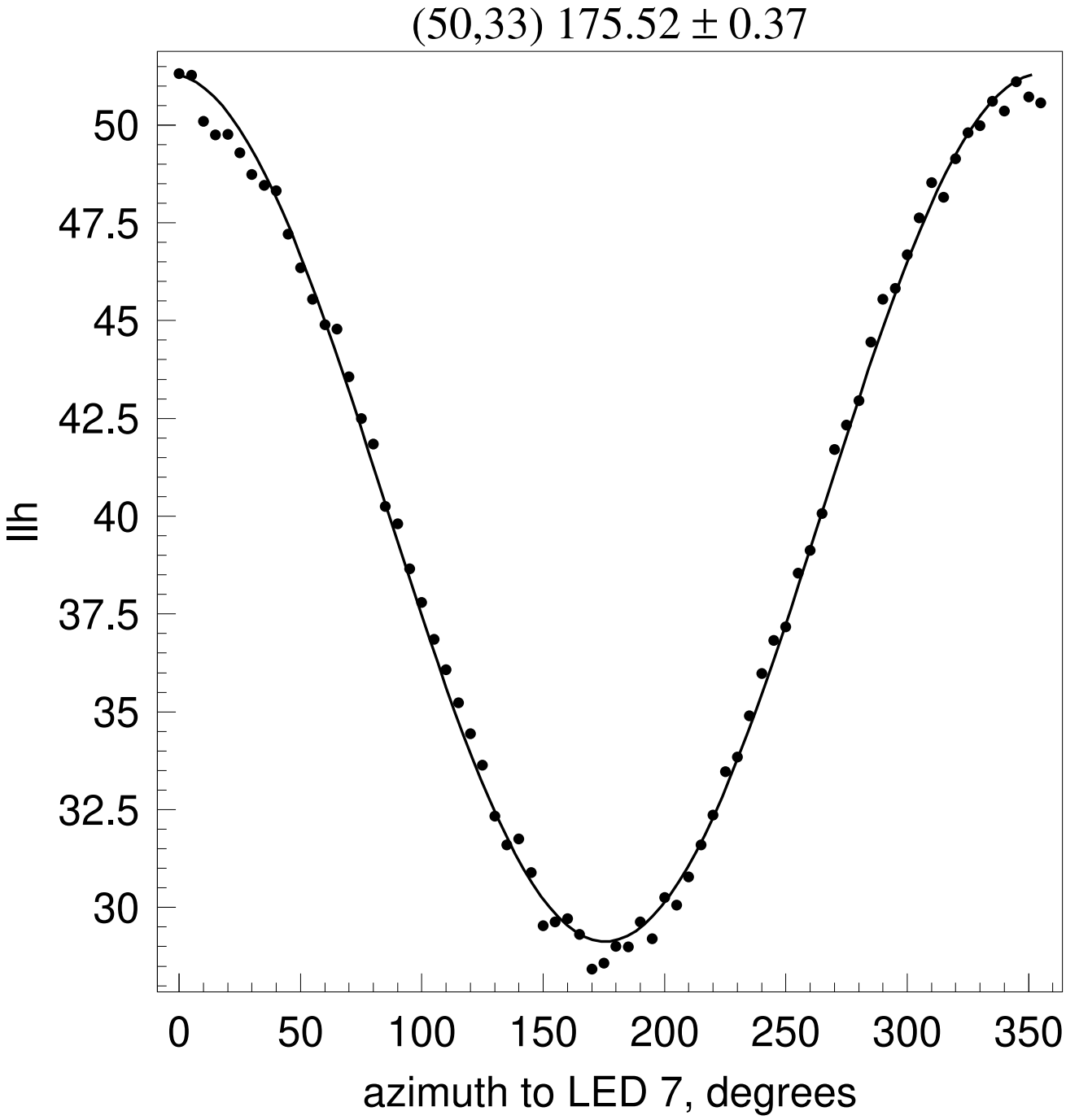

(50,28) 132.70 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

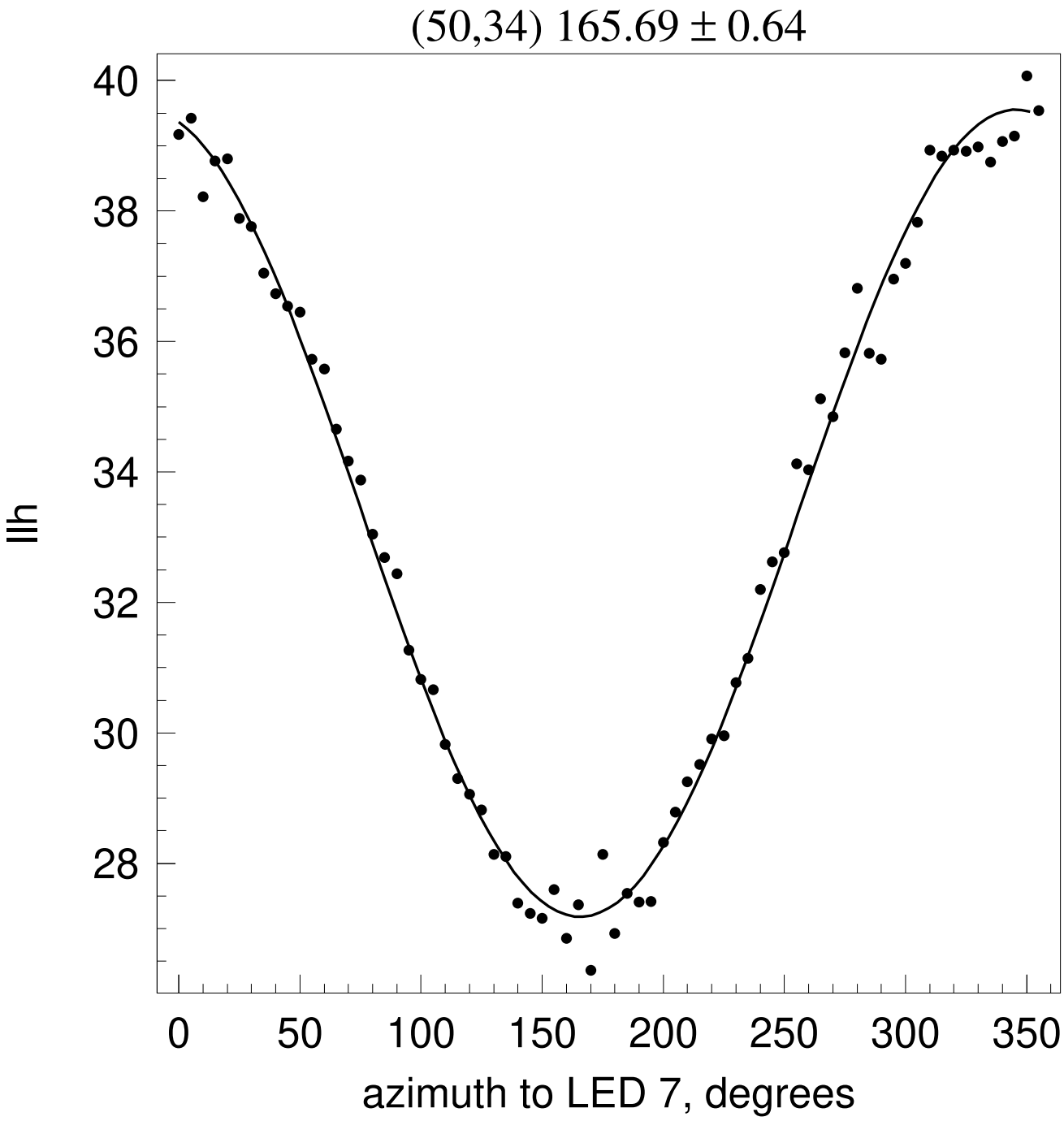

(50,29) 100.08 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

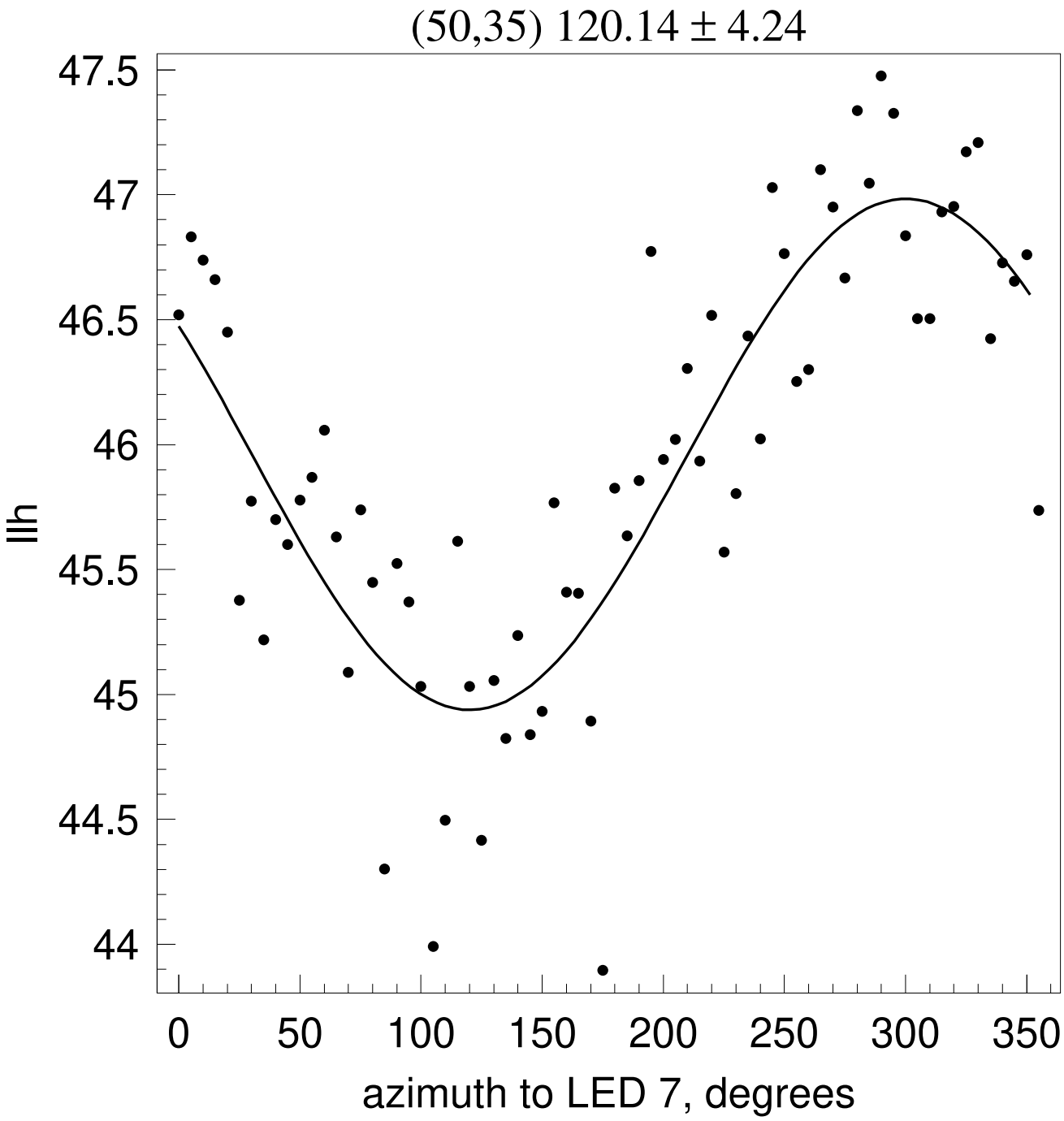

(50,30) 337.44 ± 0.29
100
90
80
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

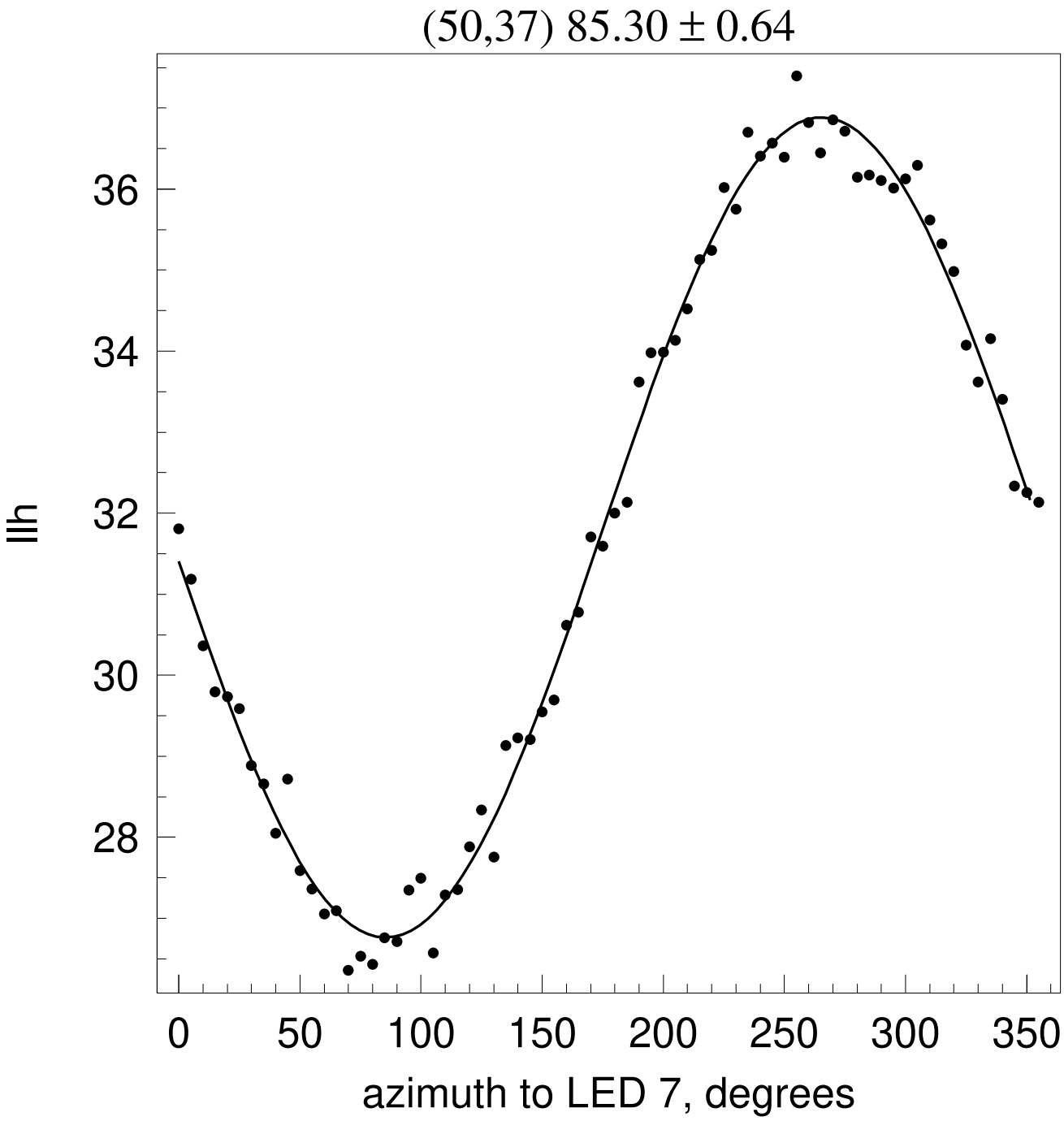

(50,31) 259.52 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

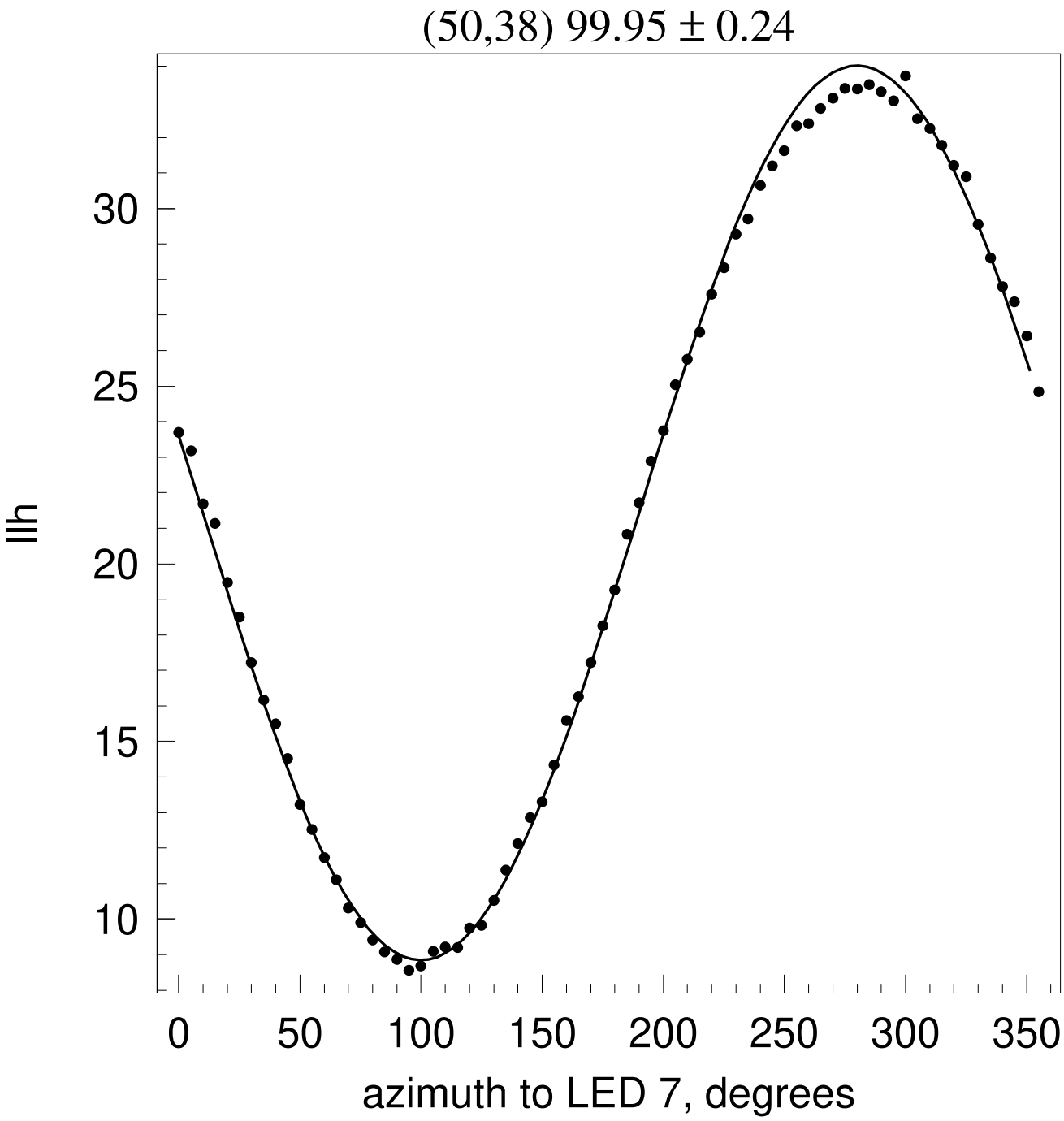

(50,32) 224.49 ± 0.30
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

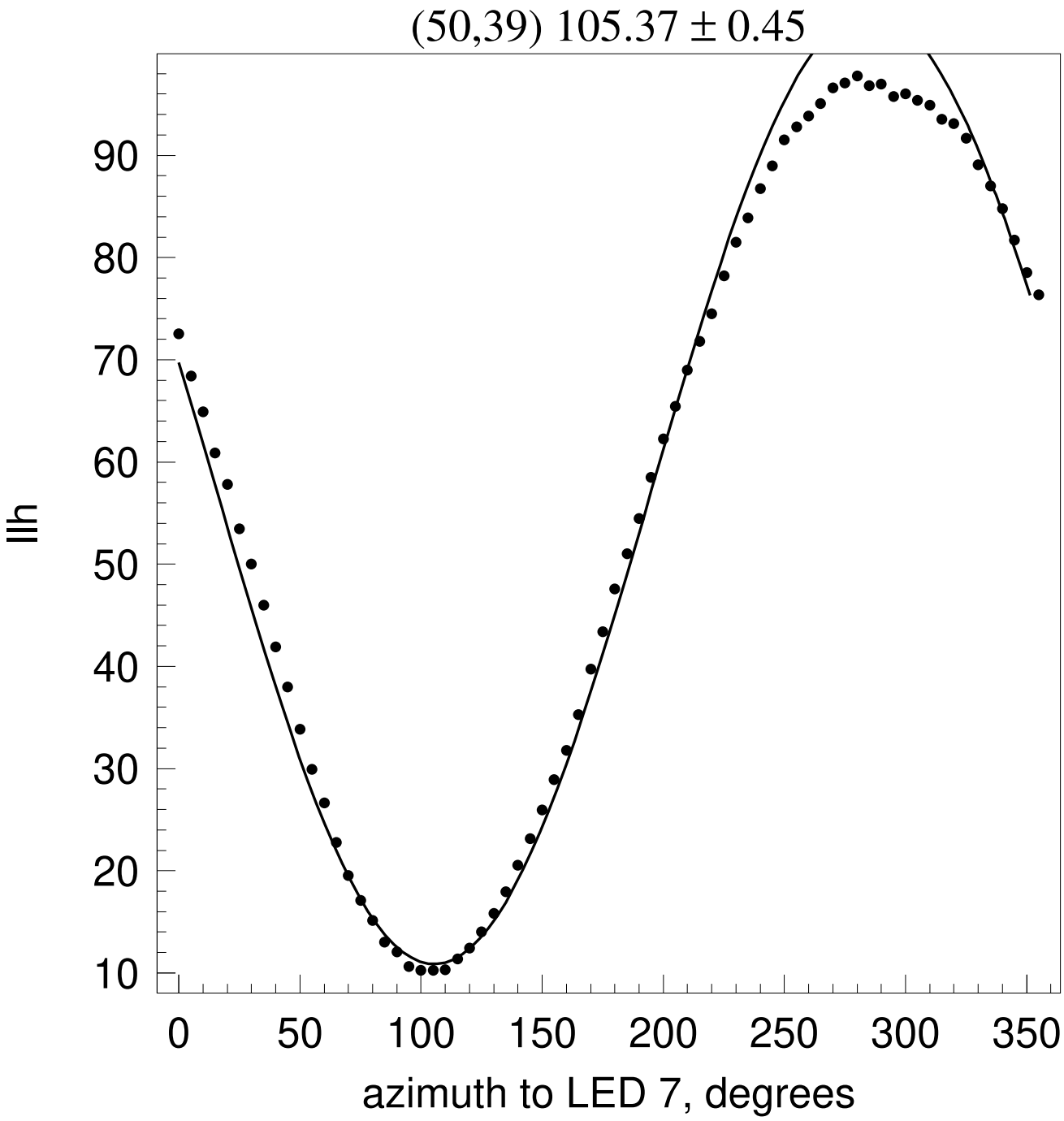

(50,33) 175.52 ± 0.37
50
47.5
45
42.5
40
37.5
35
32.5
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

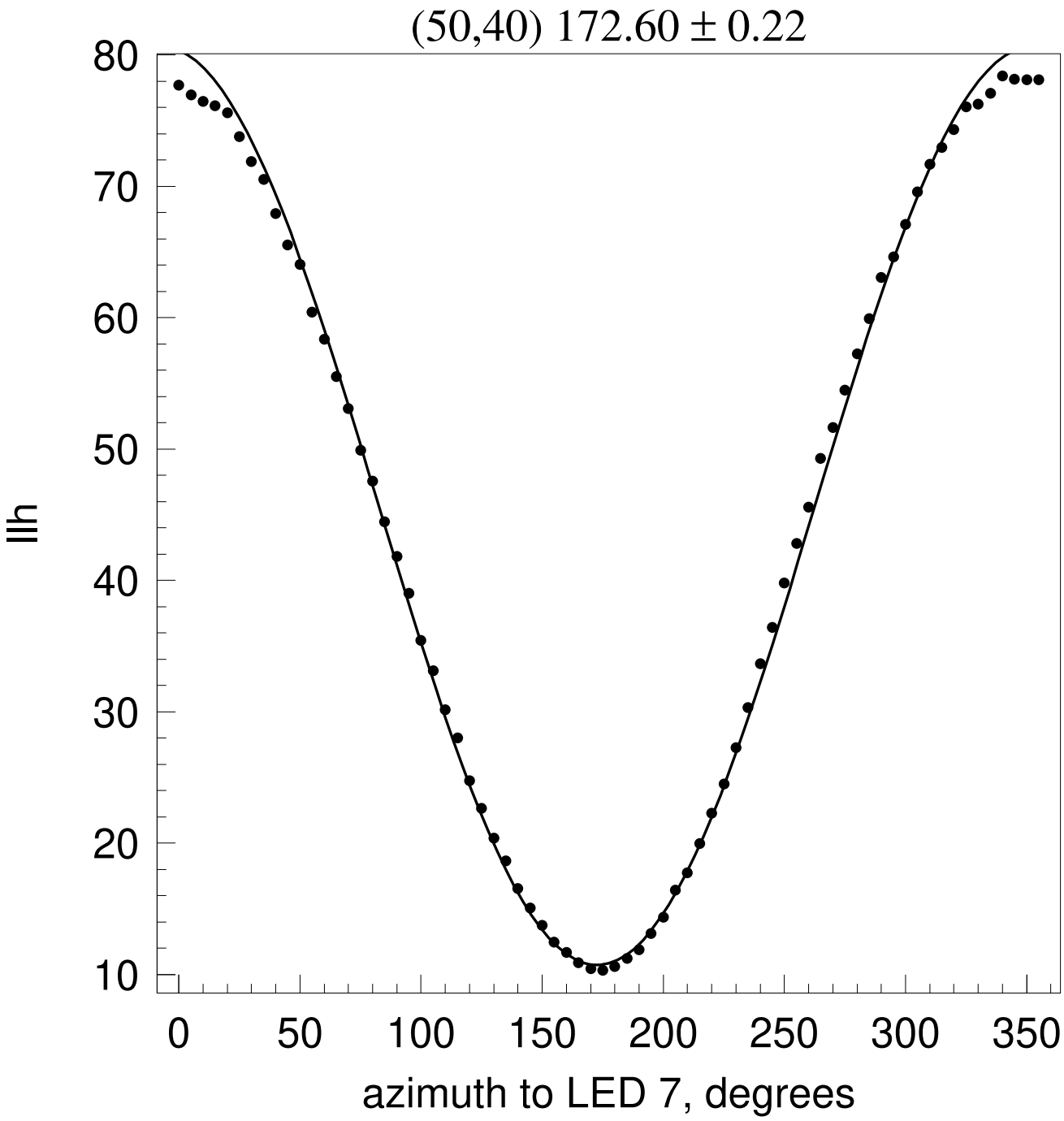

(50,34) 165.69 ± 0.64
40
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

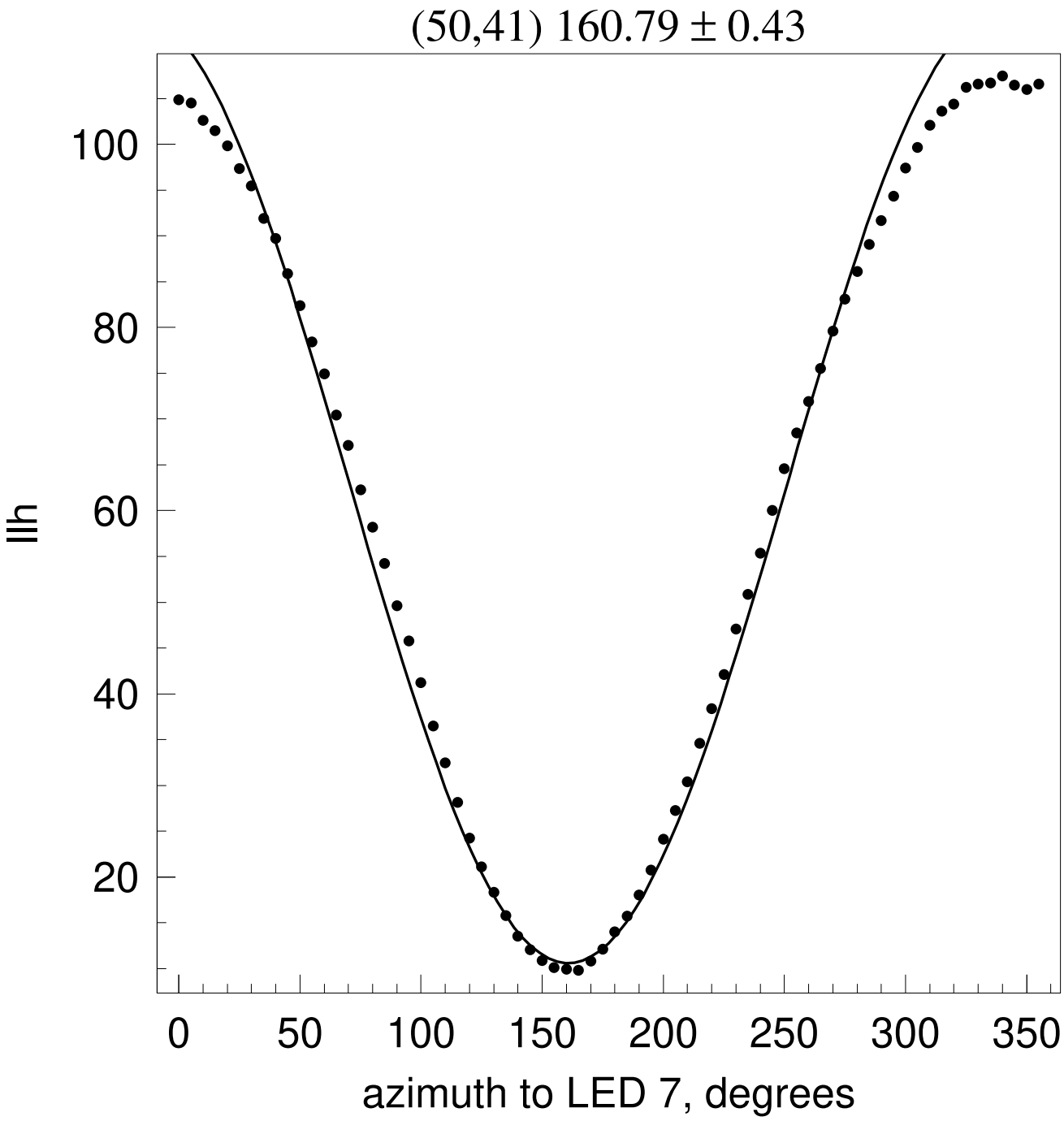

(50,35) 120.14 ± 4.24
47.5
47
46.5
46
45.5
45
44.5
44
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

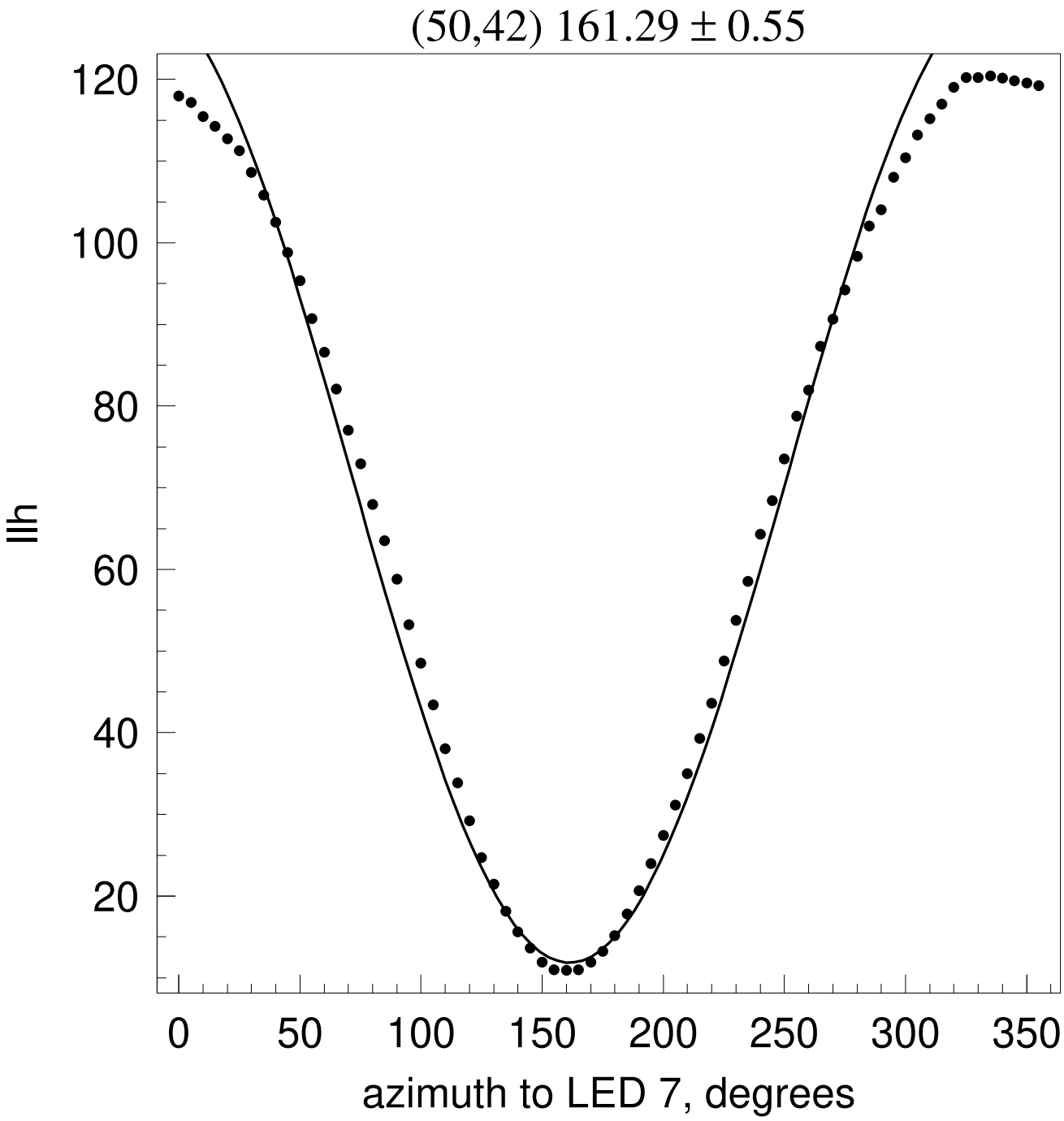

(50,37) 85.30 ± 0.64
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

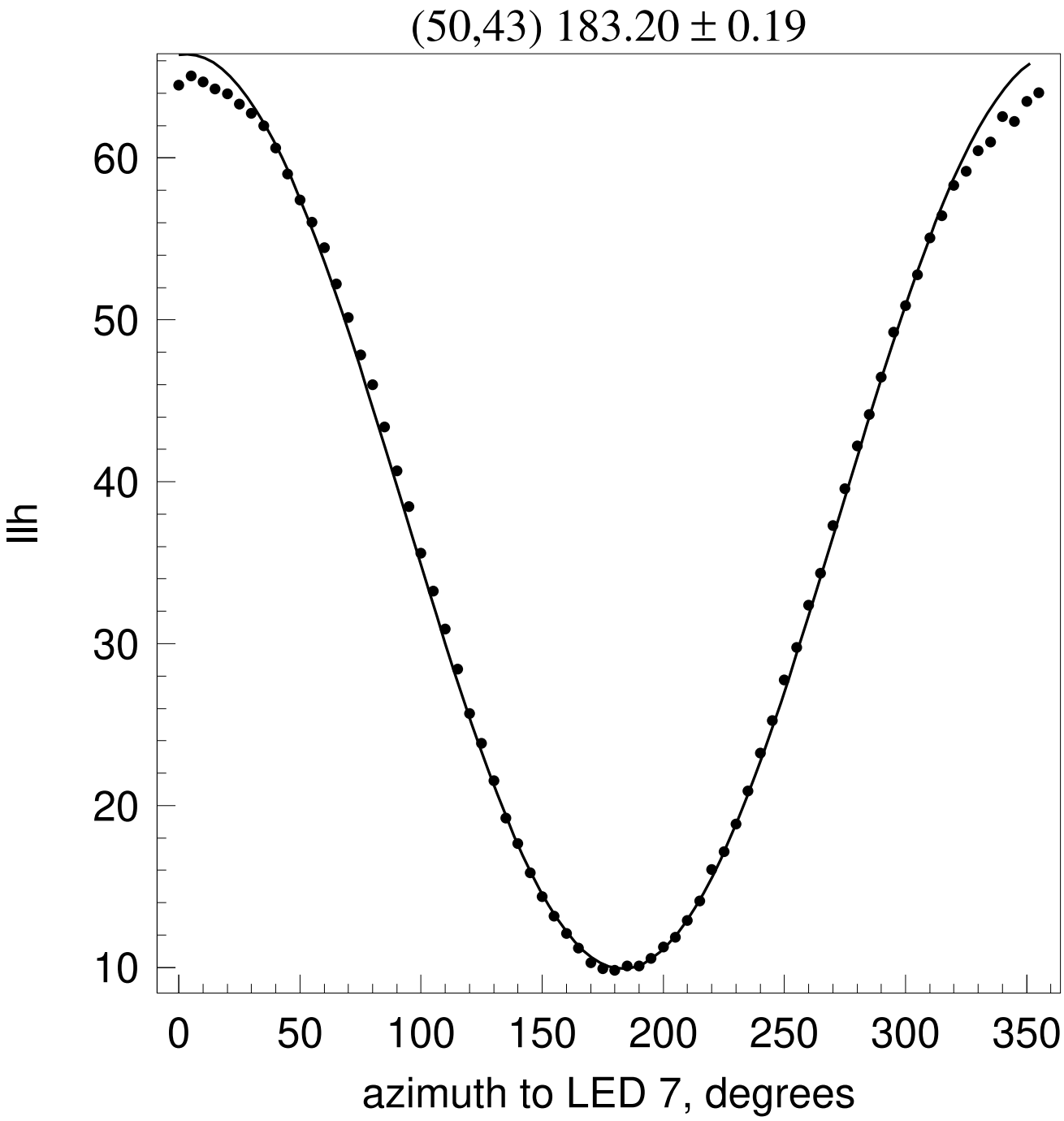

(50,38) 99.95 ± 0.24
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

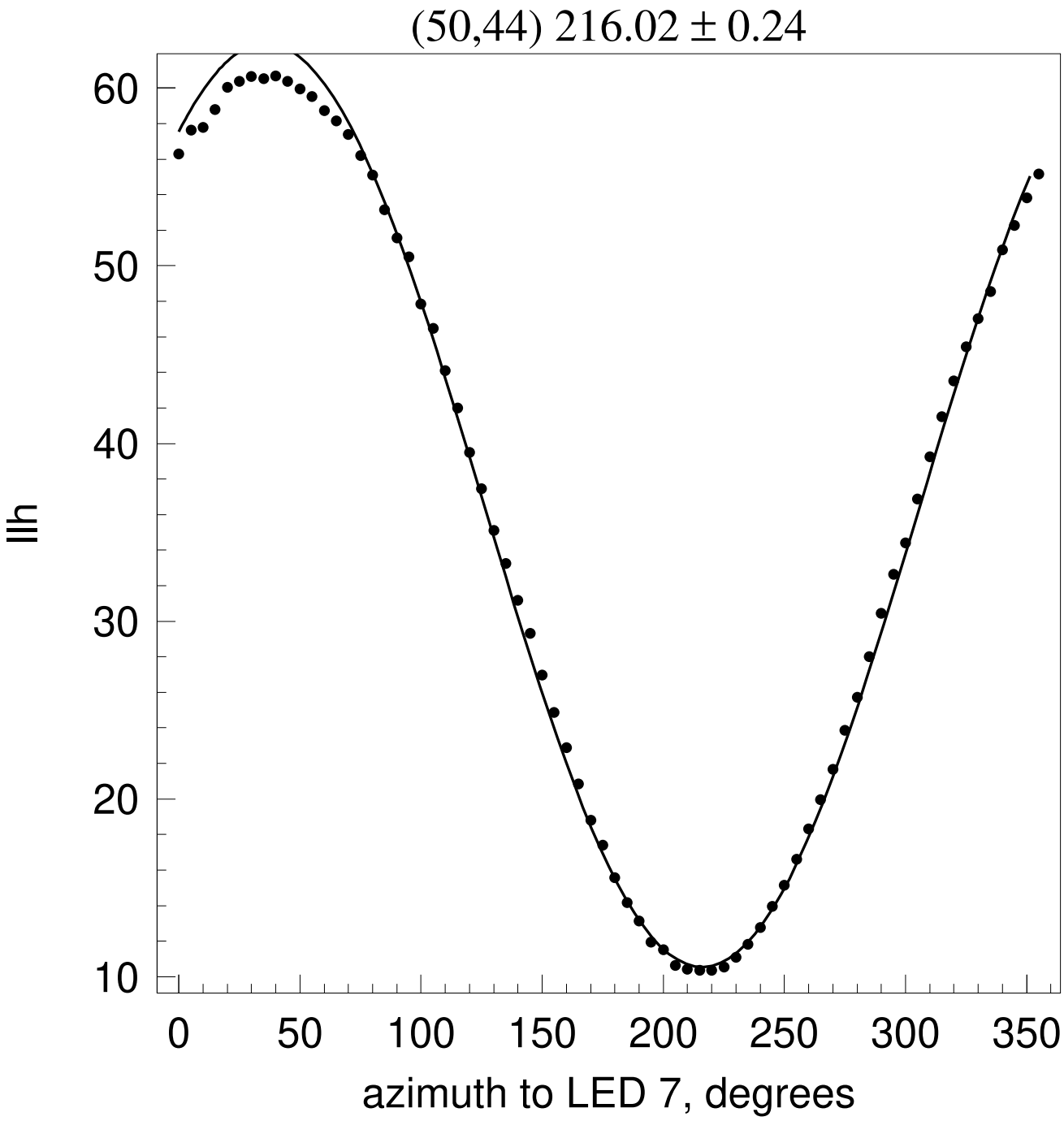

(50,39) 105.37 ± 0.45
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

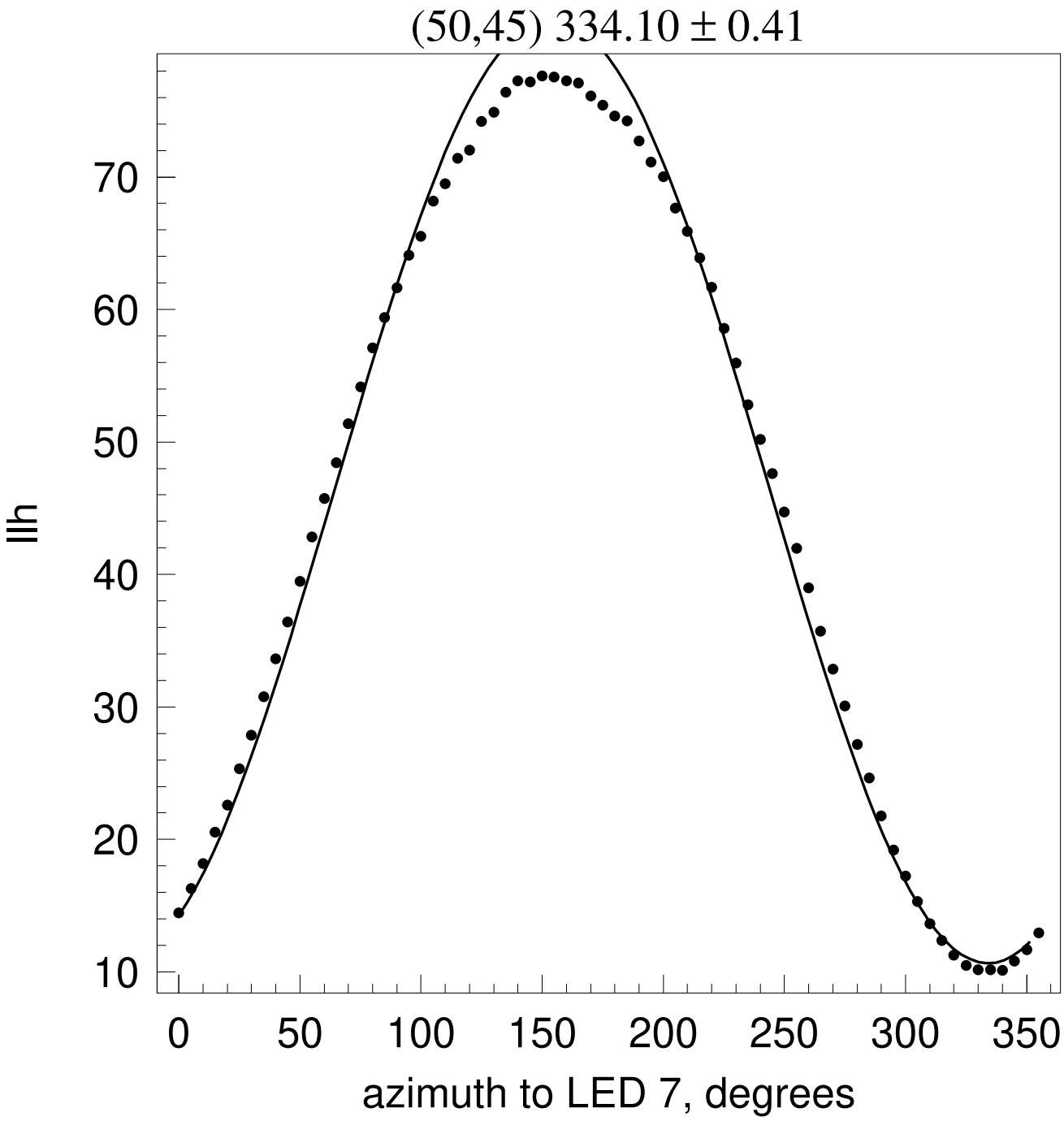

(50,40) 172.60 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

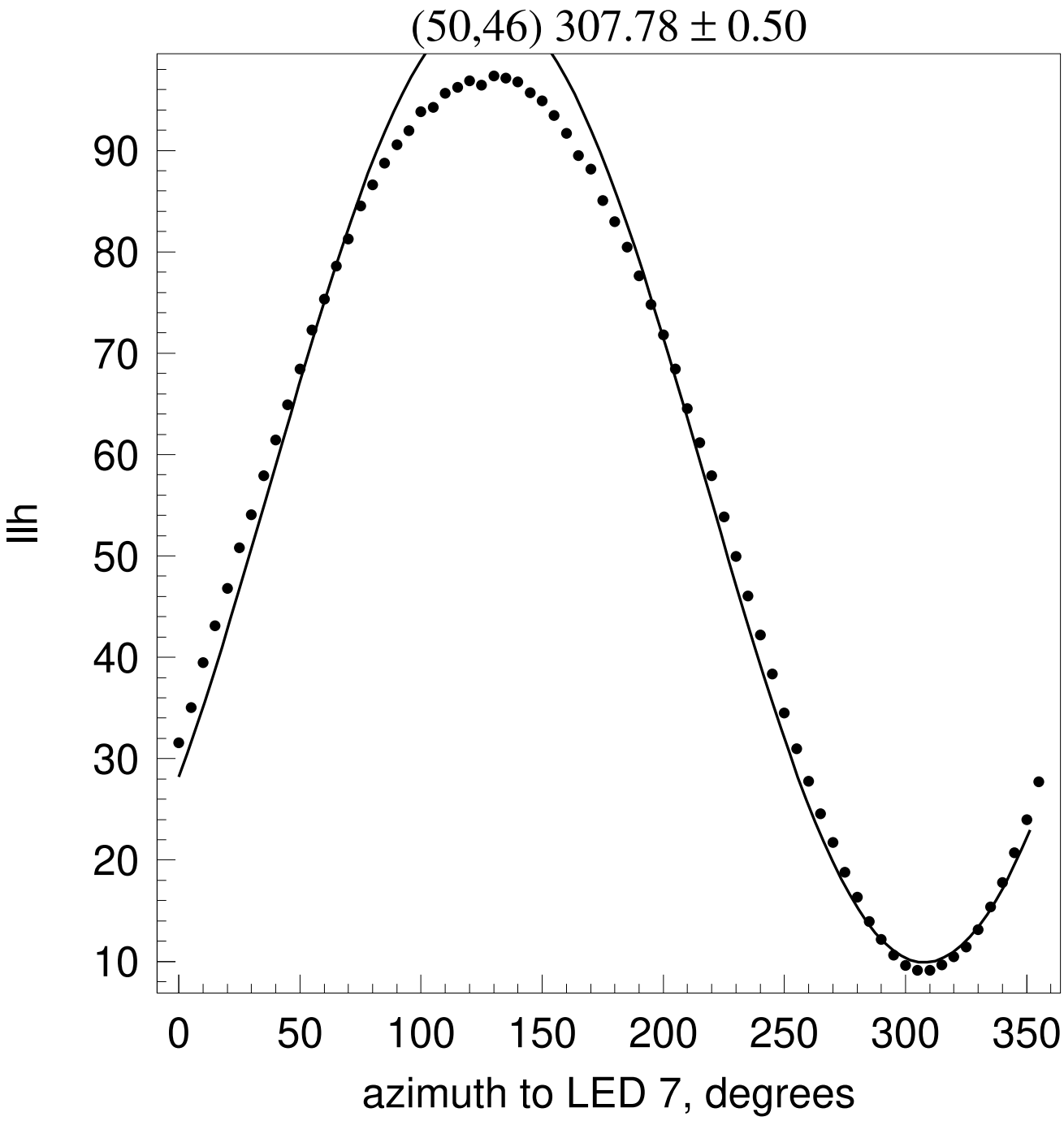

(50,41) 160.79 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

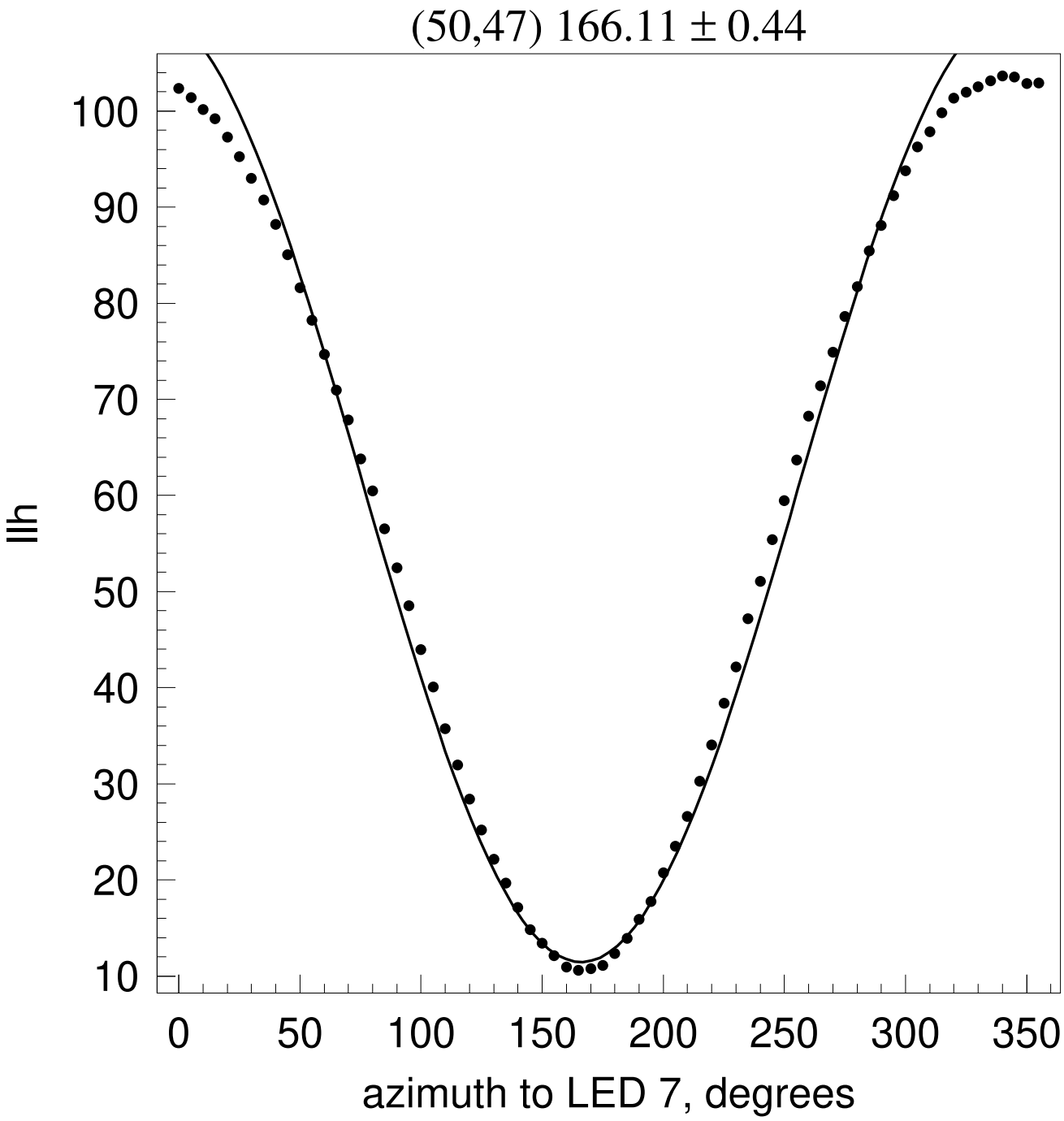

(50,42) 161.29 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

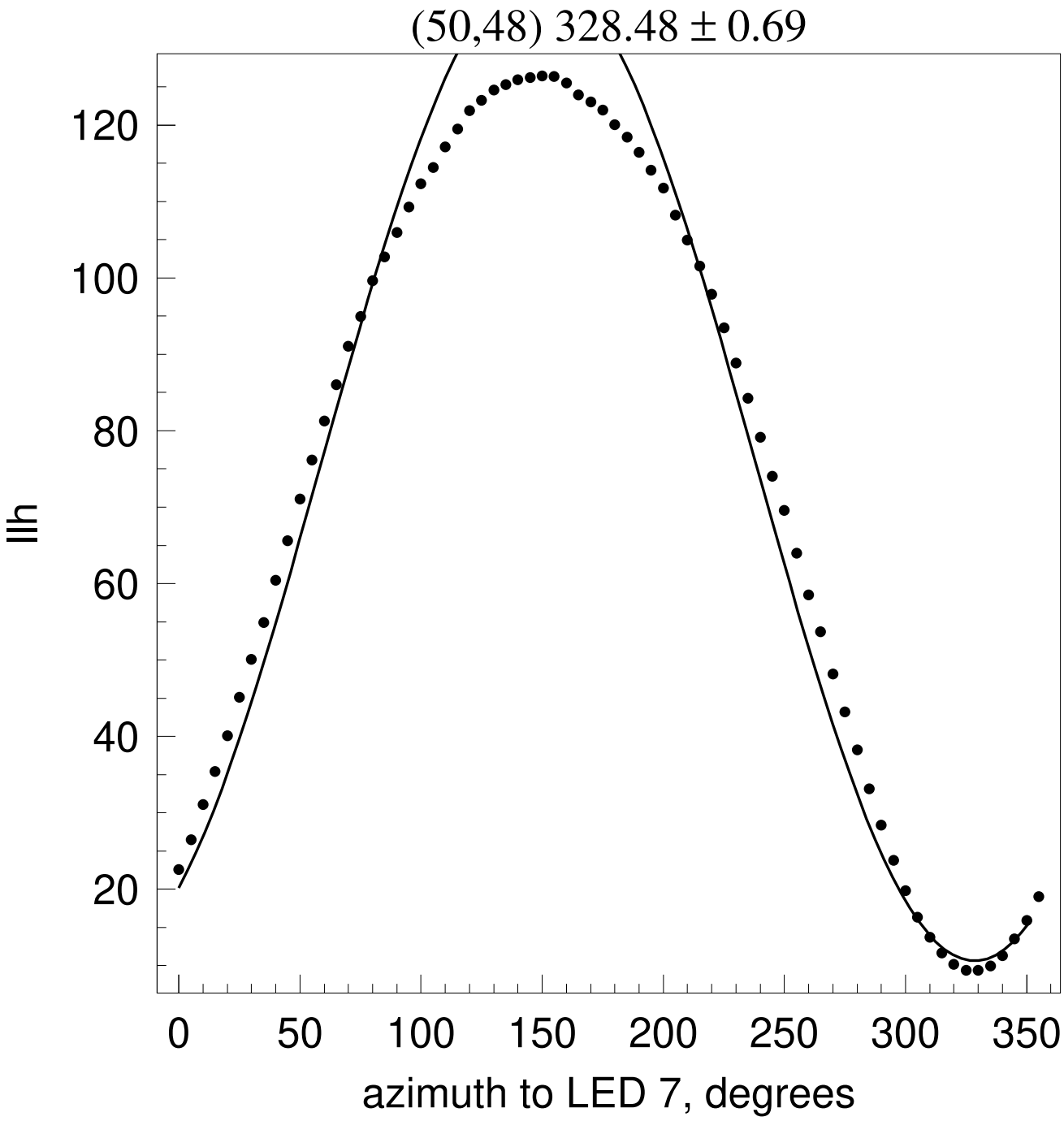

(50,43) 183.20 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

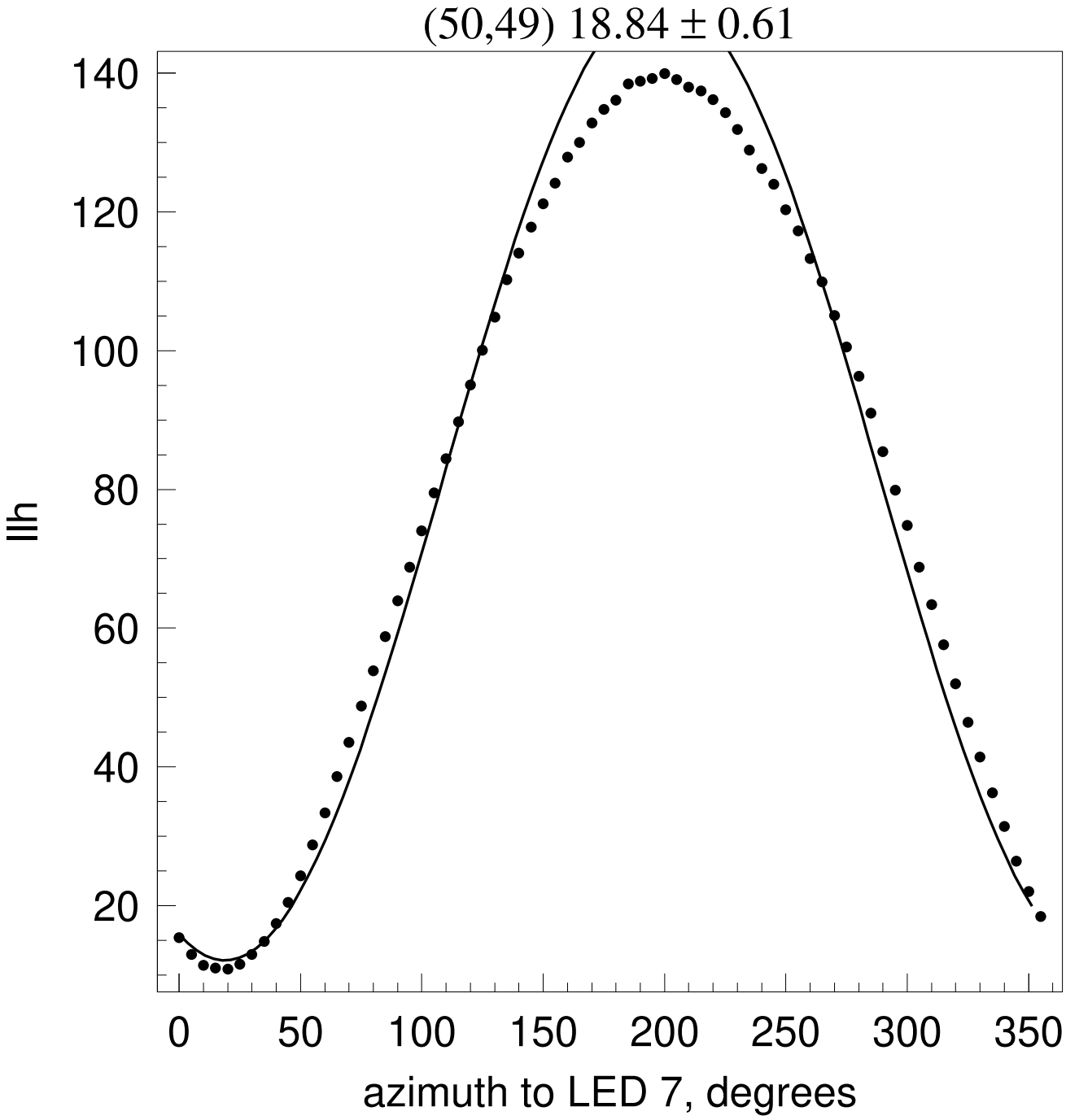

(50,44) 216.02 ± 0.24
60
50
40
30
20
10
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

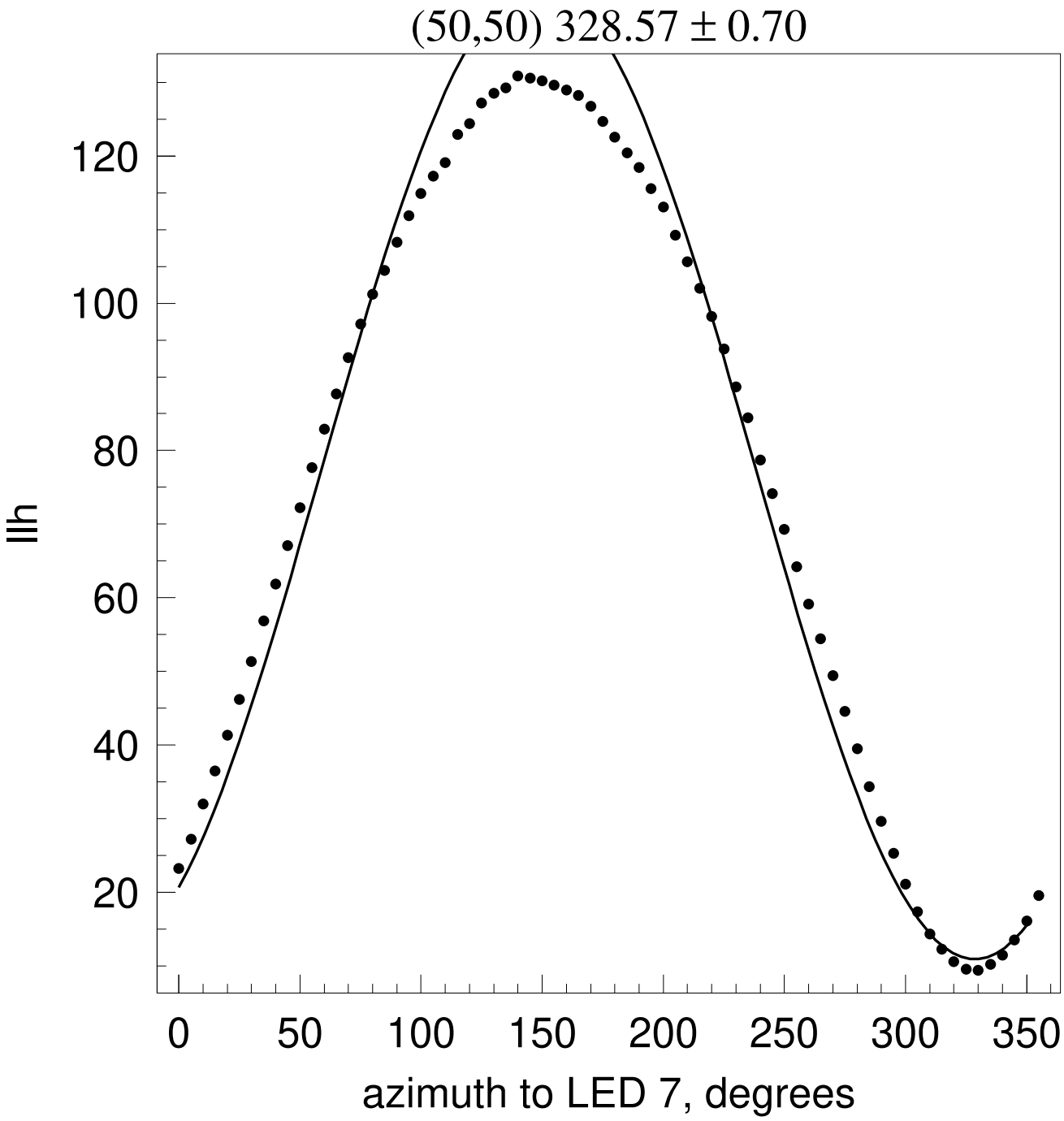

(50,45) 334.10 ± 0.41
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

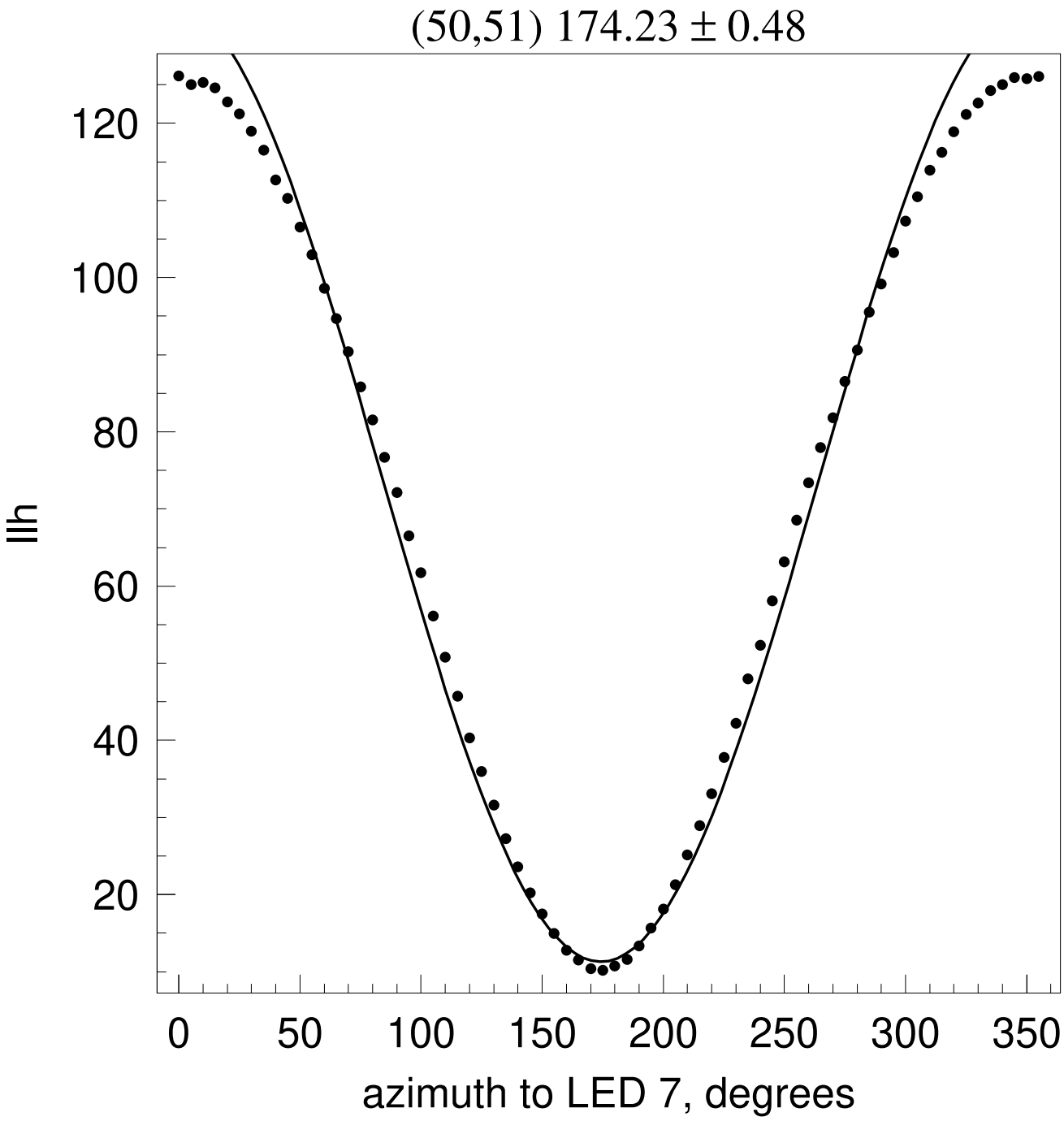

(50,46) 307.78 ± 0.50
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

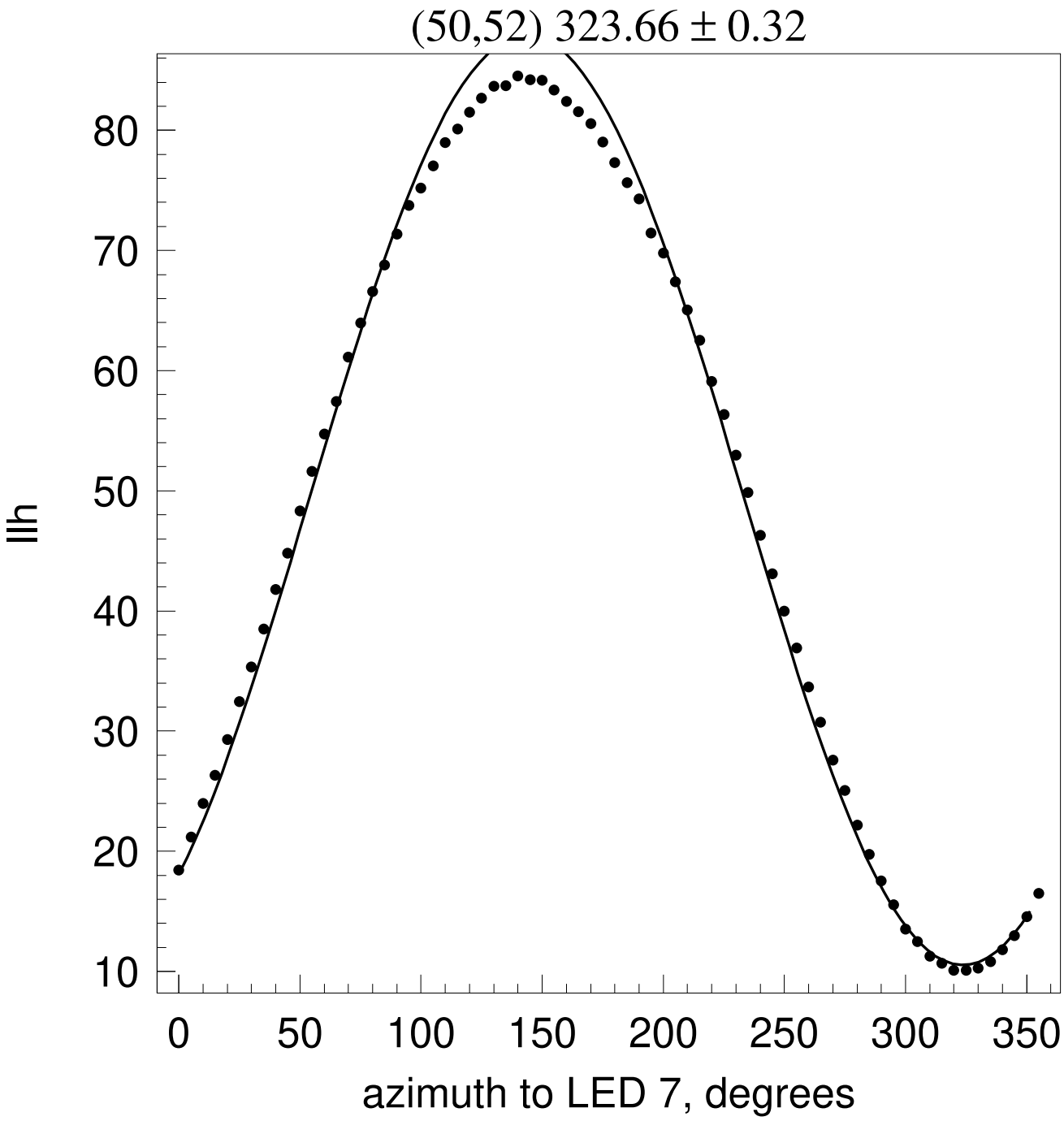

(50,47) 166.11 ± 0.44
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

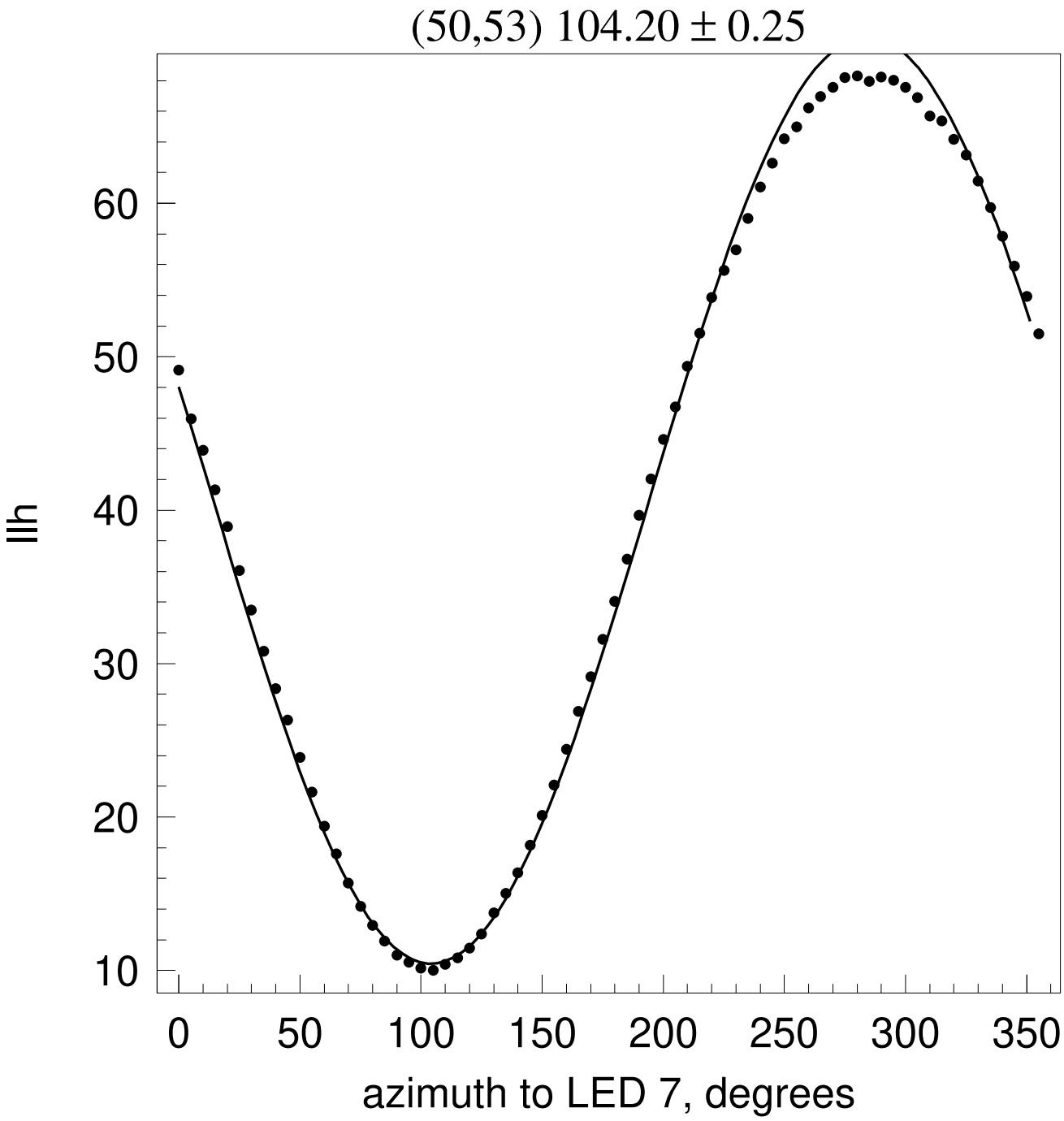

(50,48) 328.48 ± 0.69
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

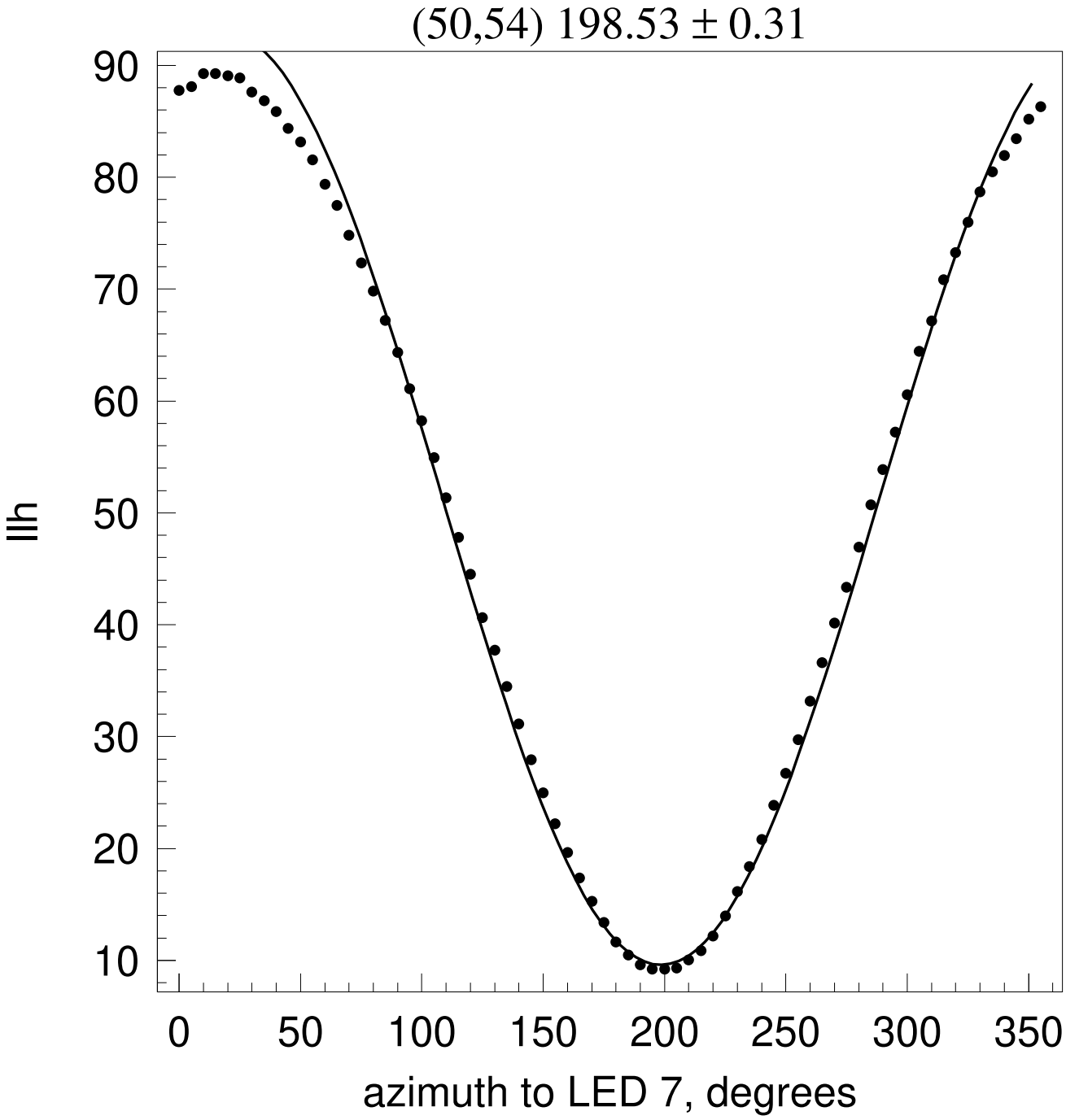

(50,49) 18.84 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

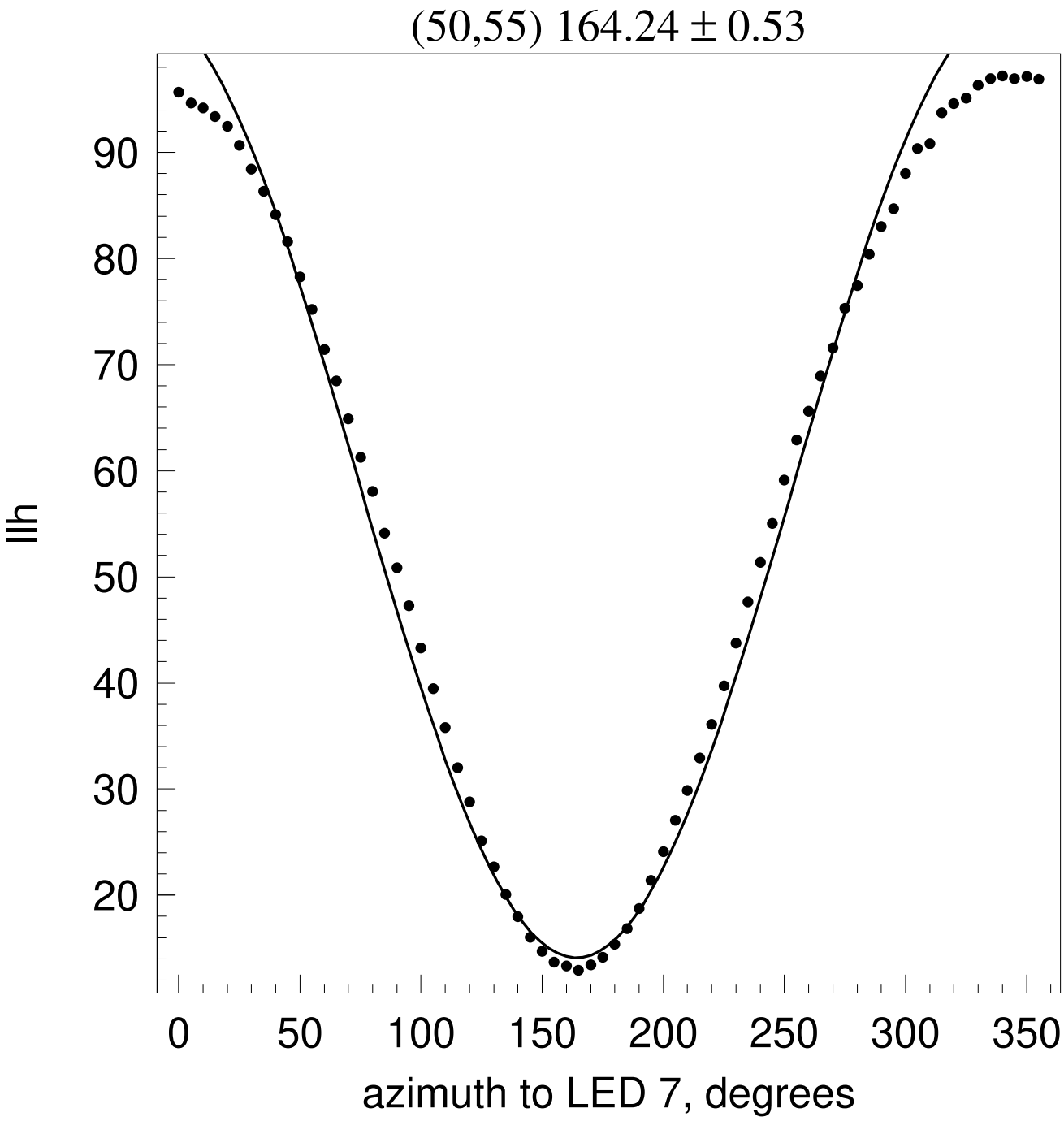

(50,50) 328.57 ± 0.70
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

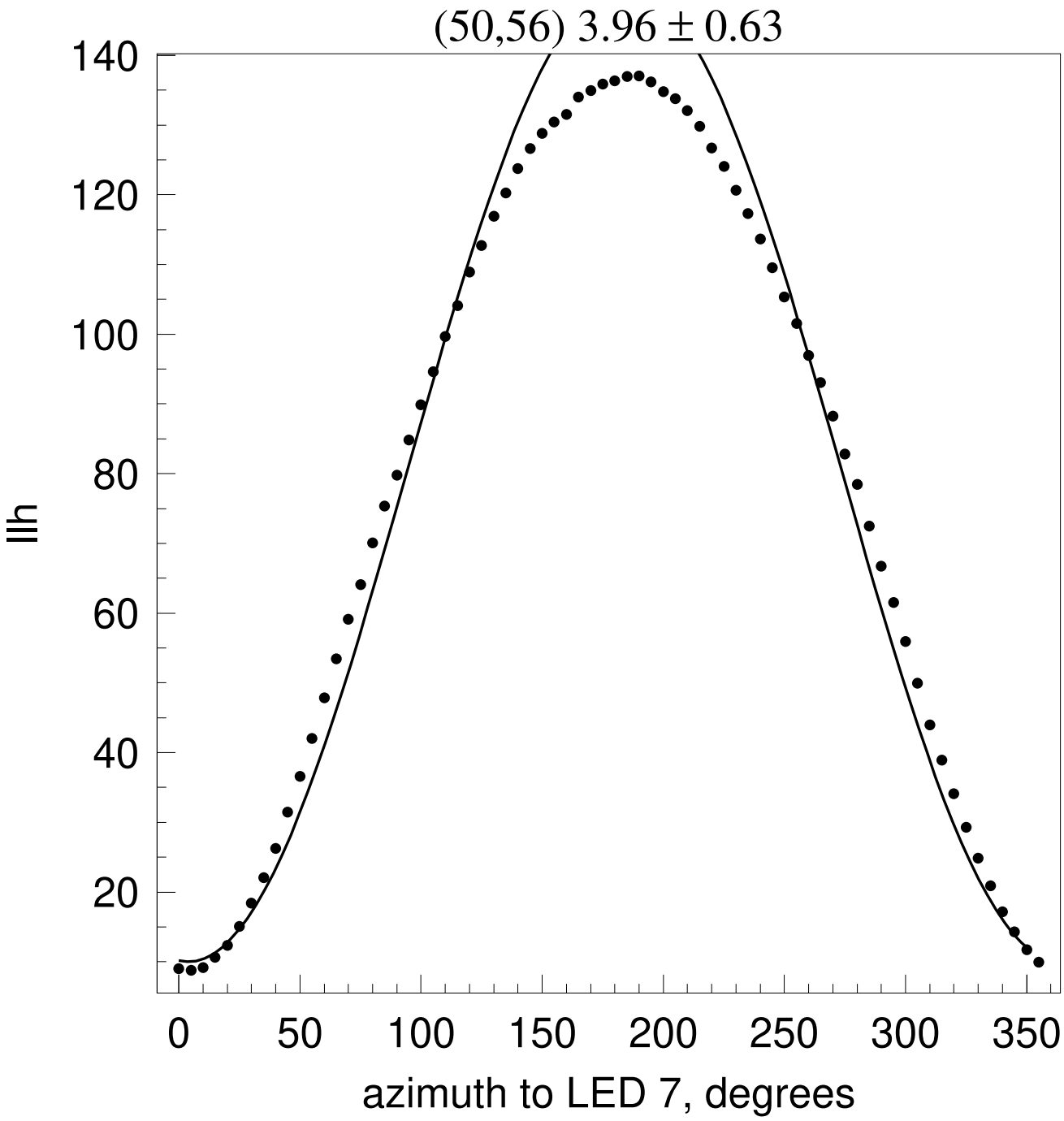

(50,51) 174.23 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

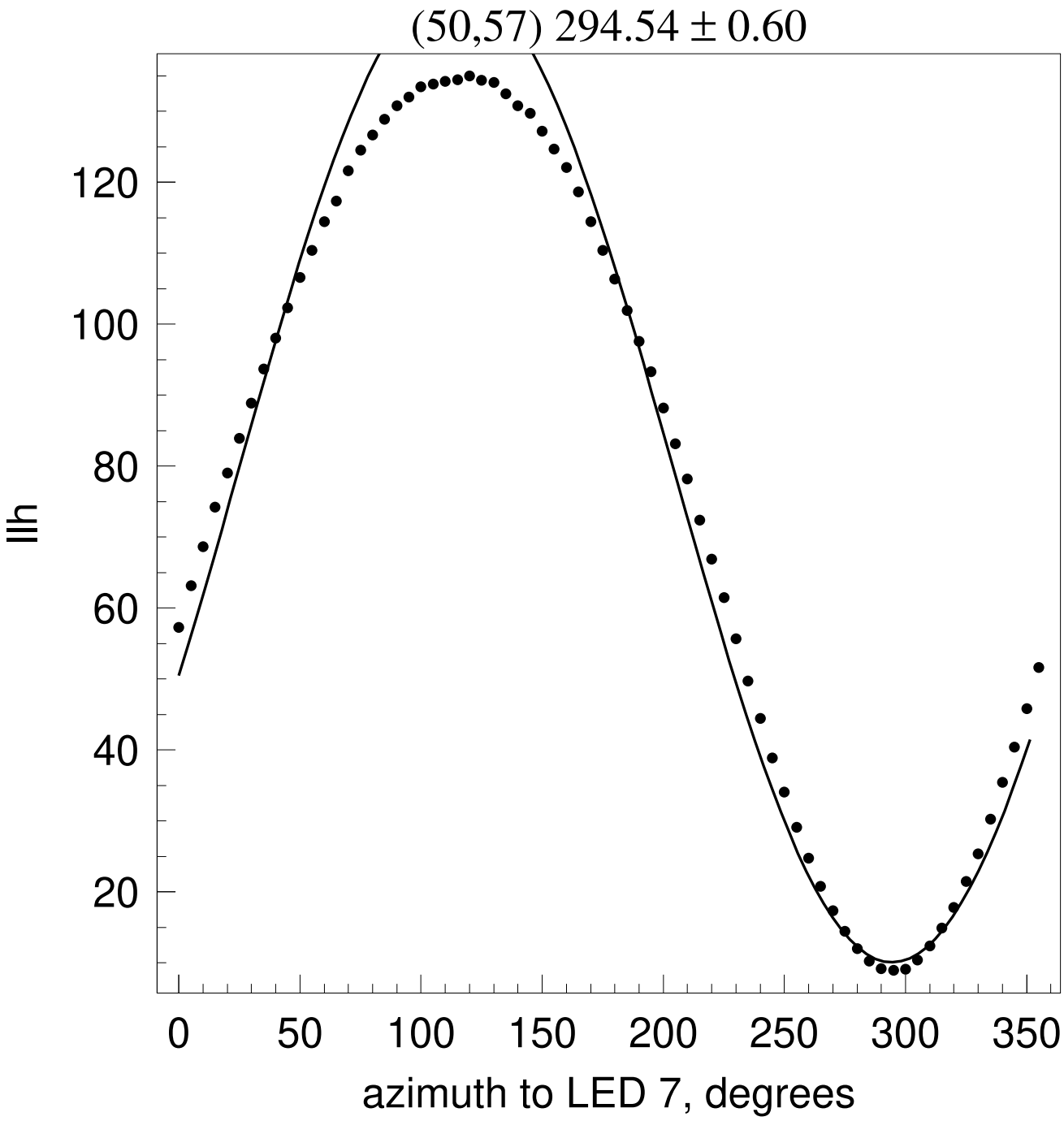

(50,52) 323.66 ± 0.32
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

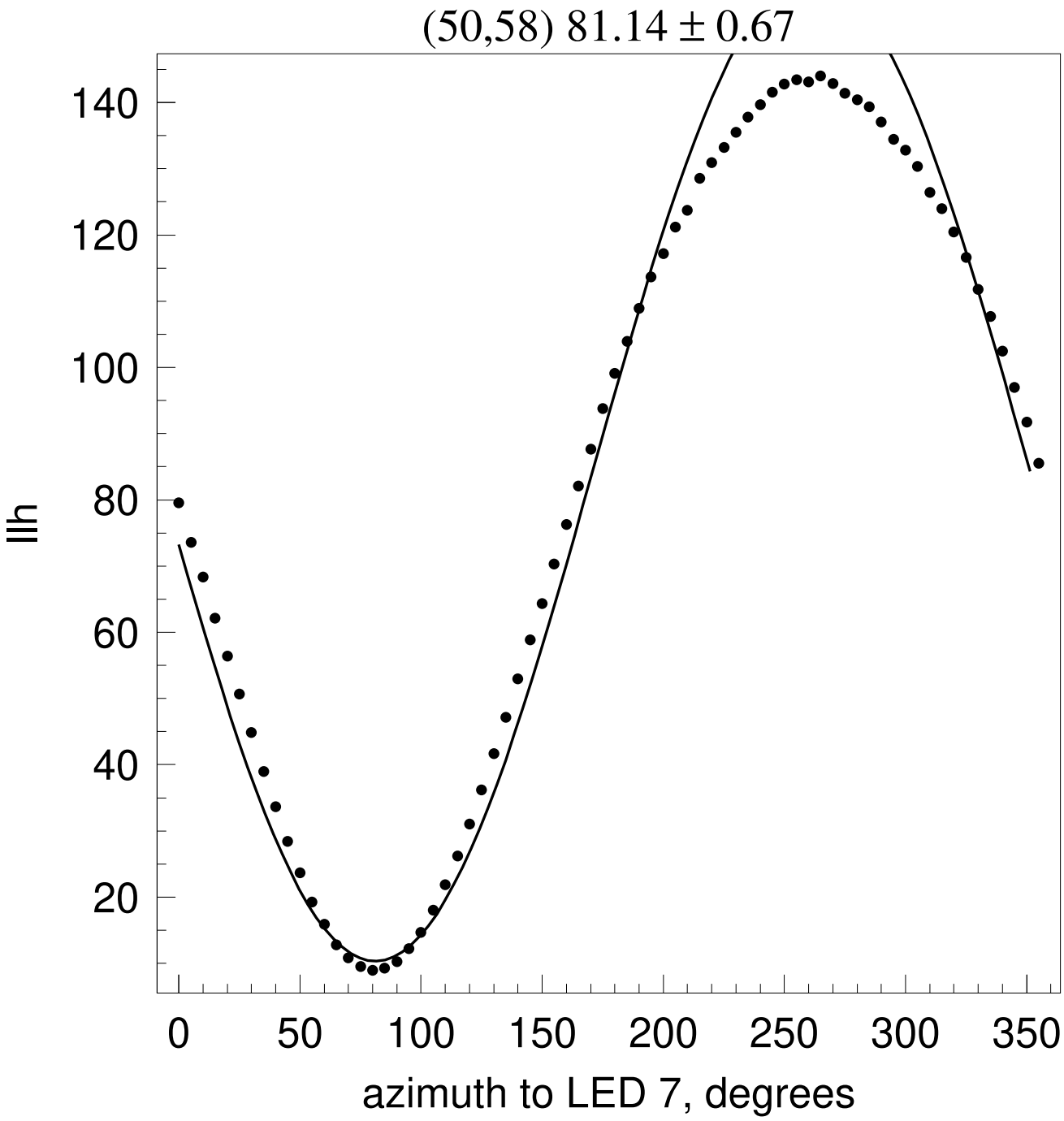

(50,53) 104.20 ± 0.25
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

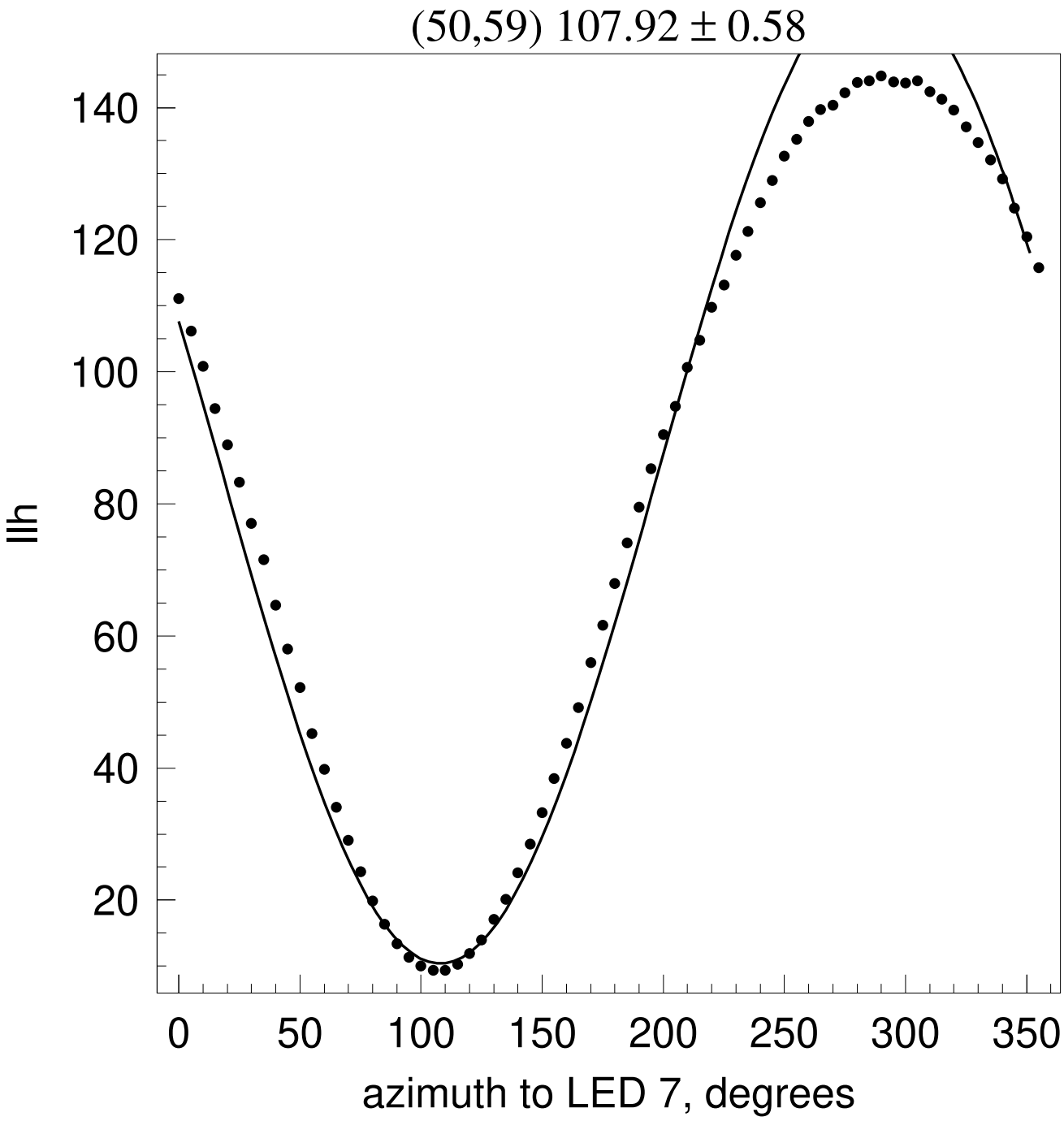

(50,54) 198.53 ± 0.31
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

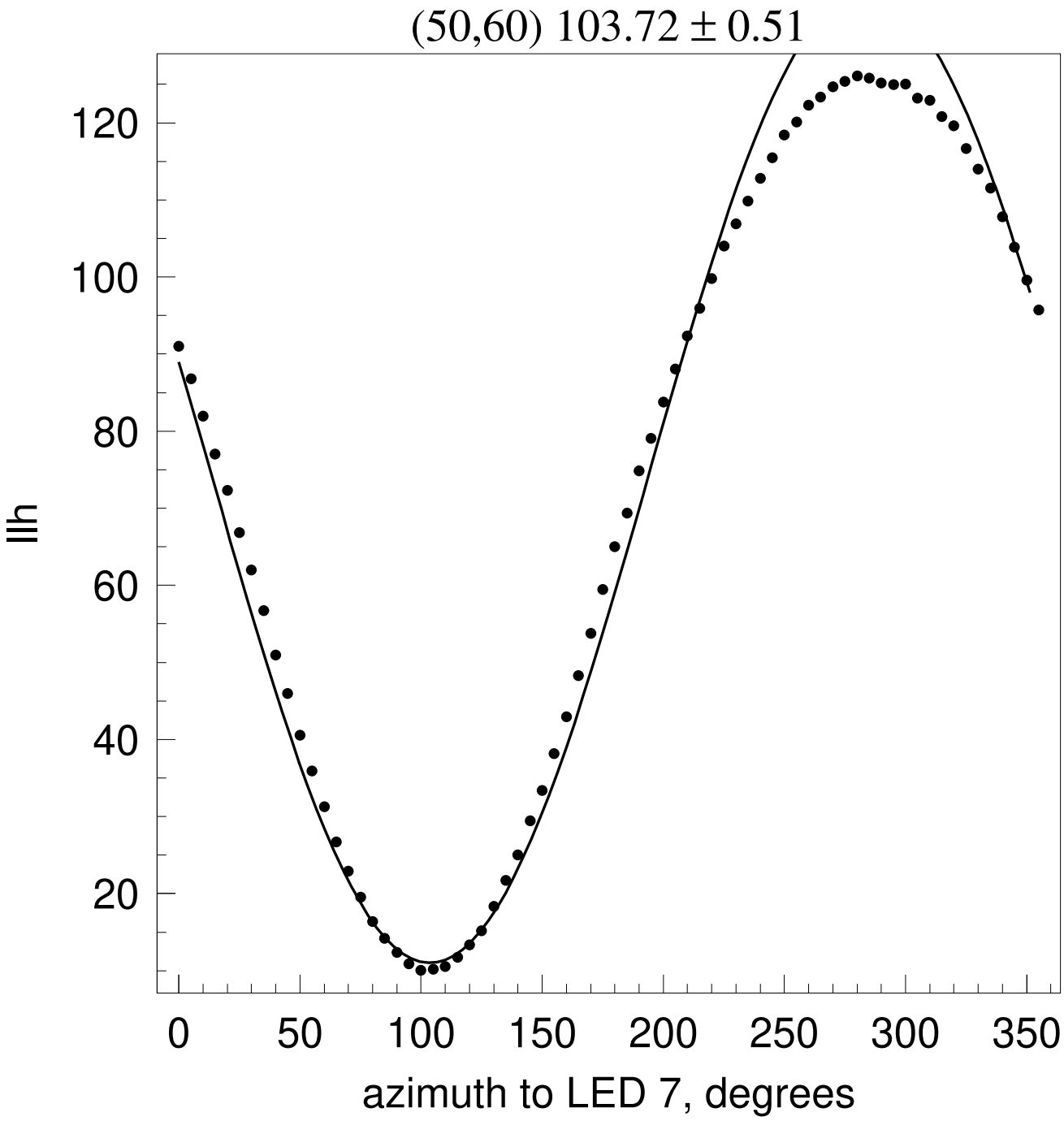

(50,55) 164.24 ± 0.53
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

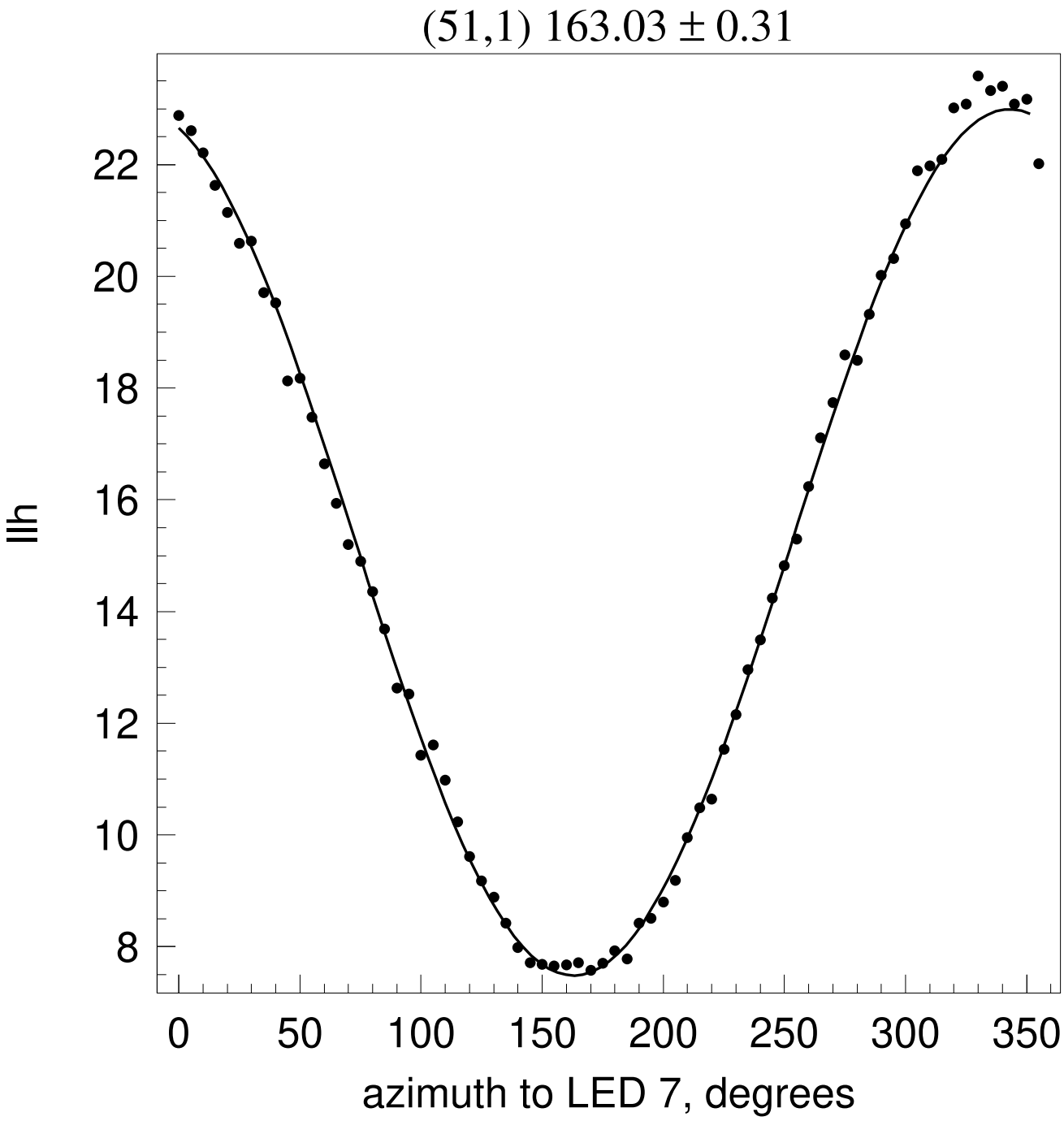

(50,56) 3.96 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

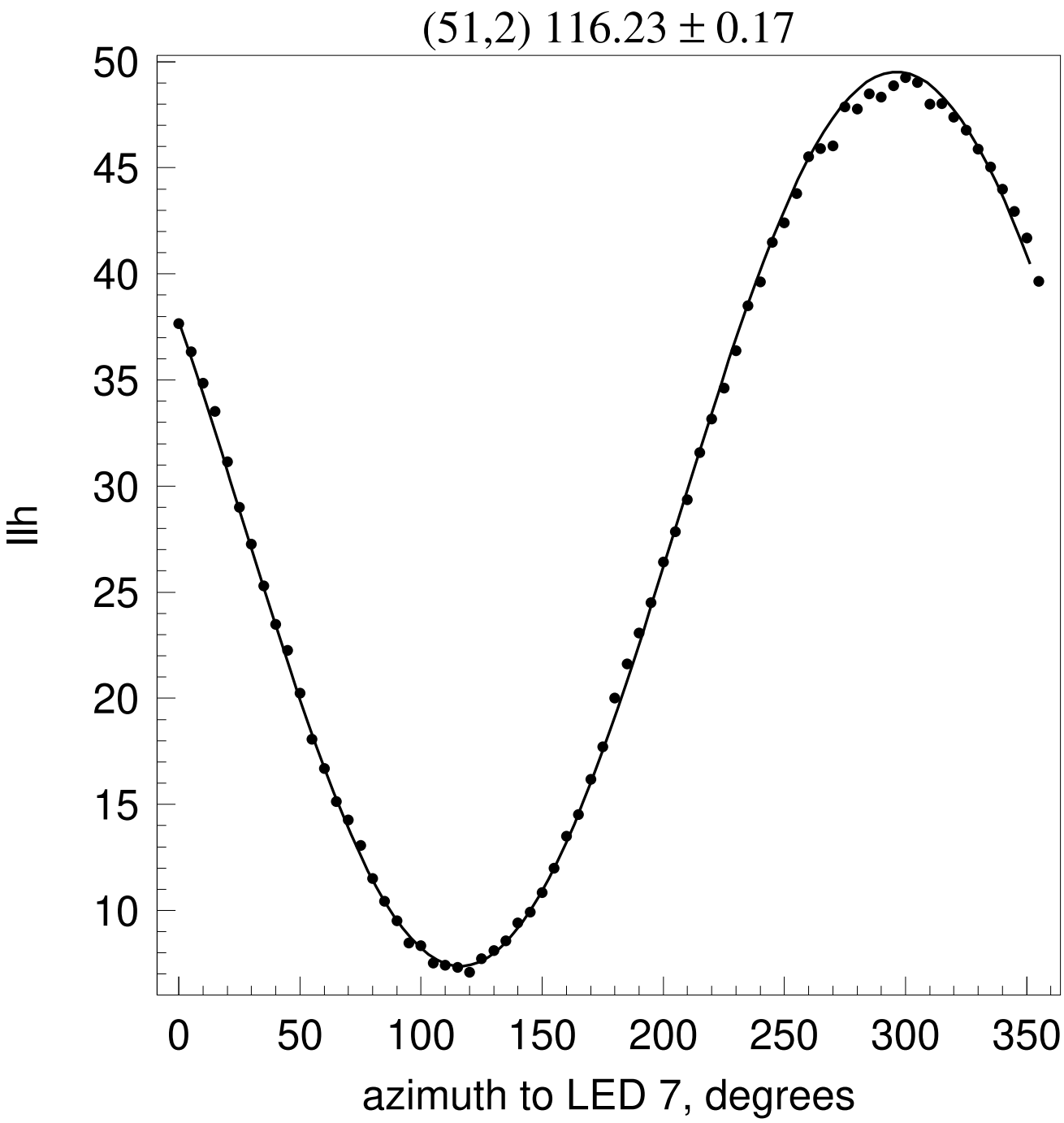

(50,57) 294.54 ± 0.60
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

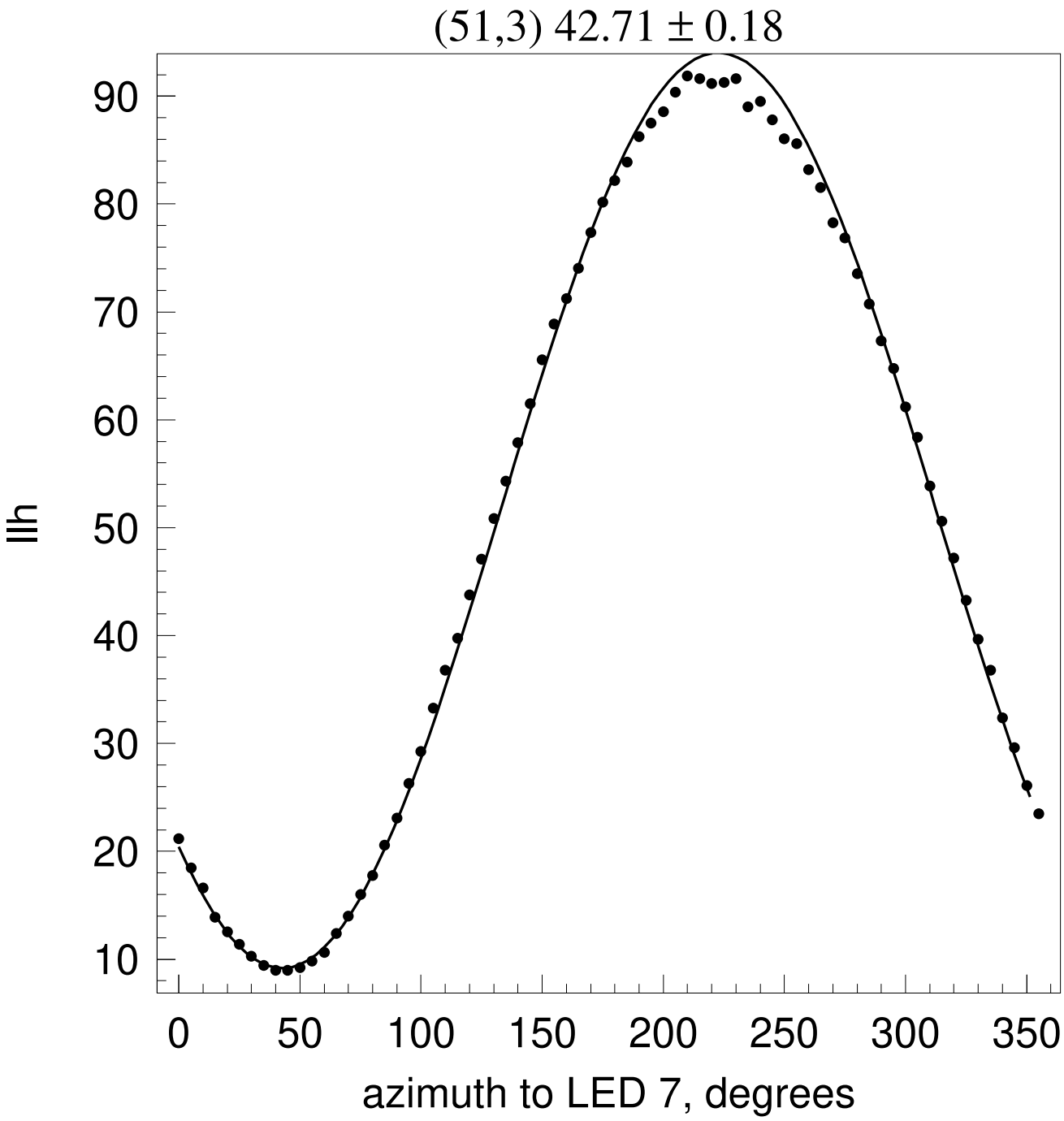

(50,58) 81.14 ± 0.67
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

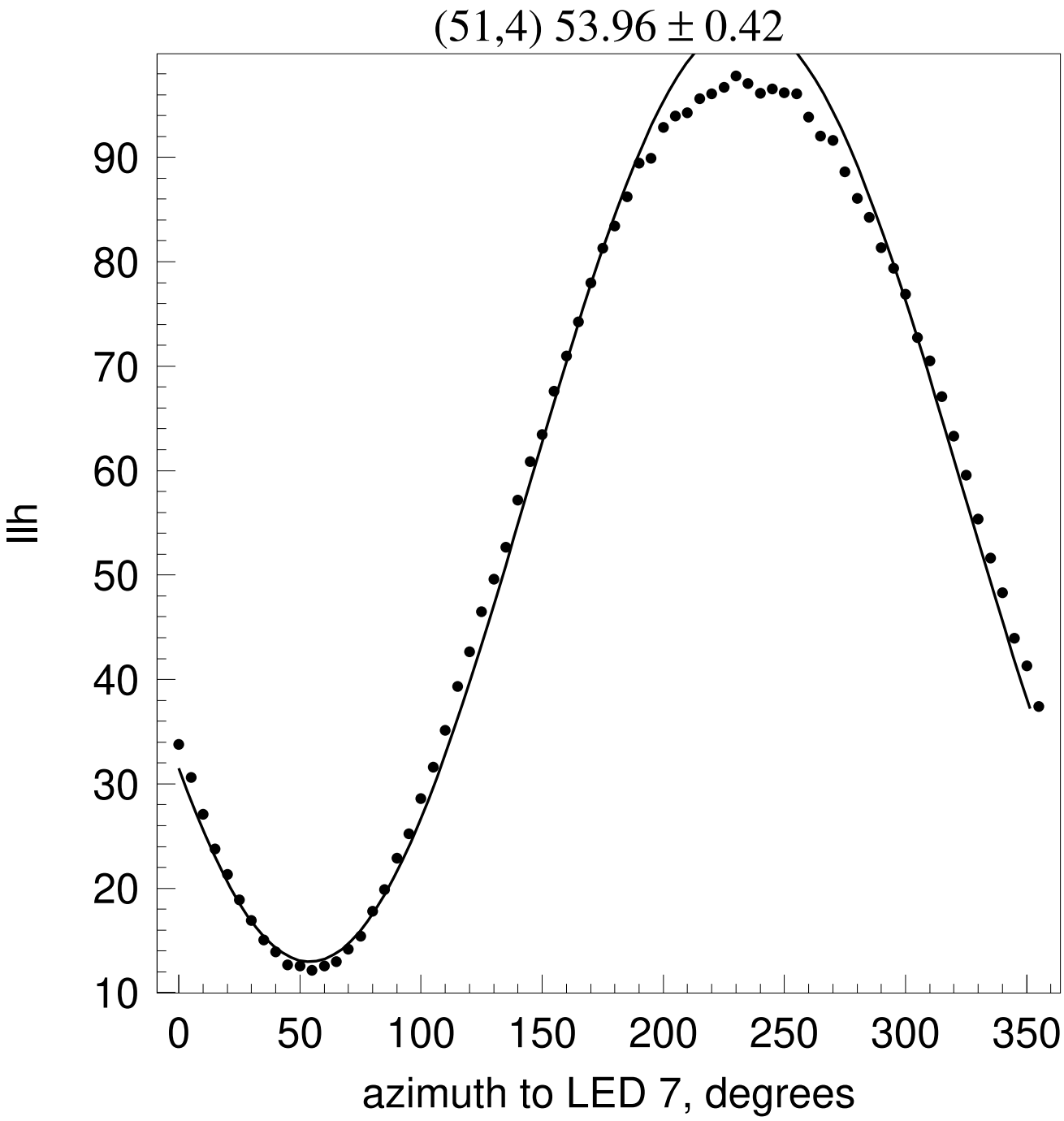

(50,59) 107.92 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

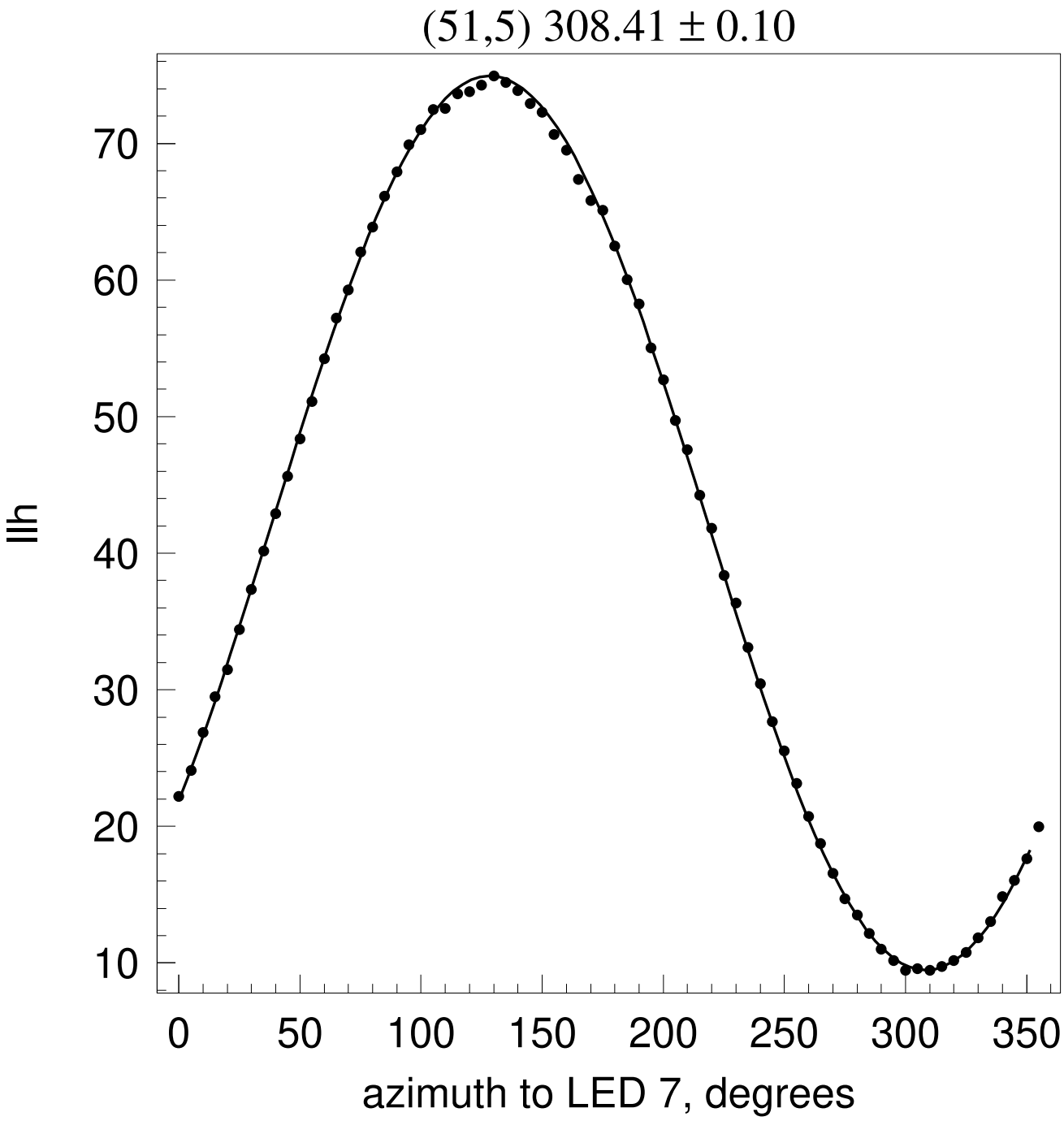

(50,60) 103.72 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

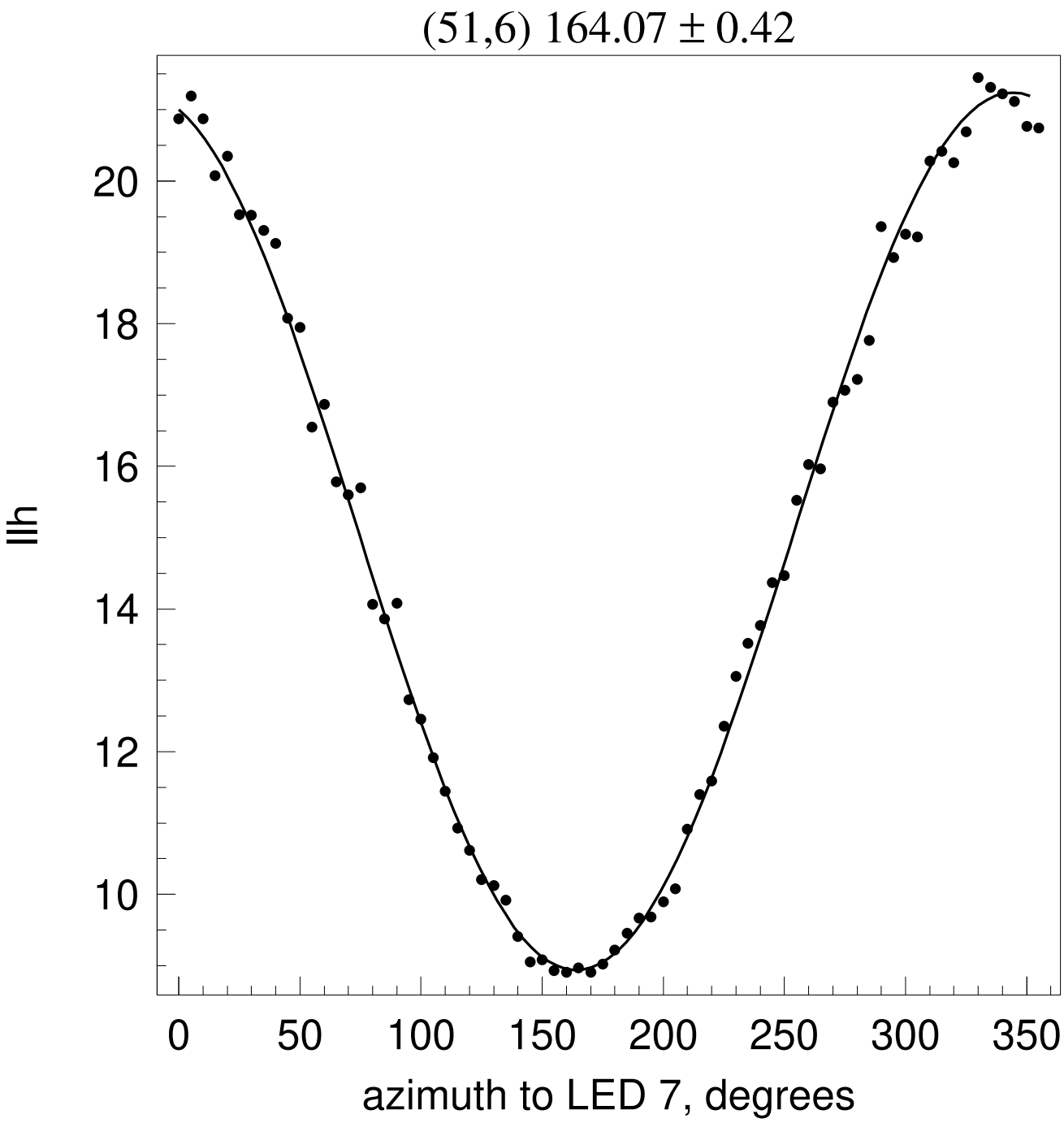

(51,1) 163.03 ± 0.31
llh
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

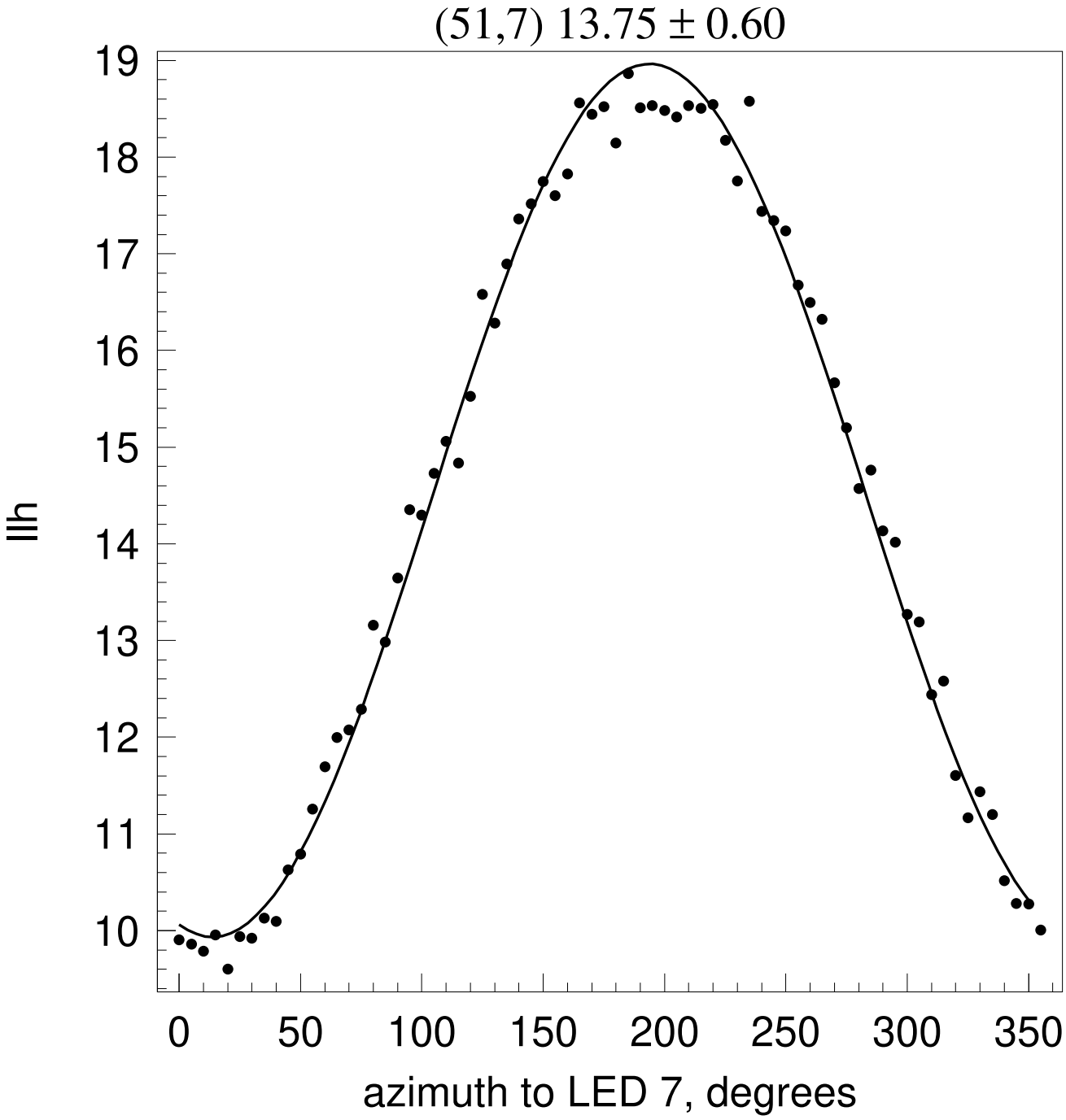

(51,2) 116.23 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

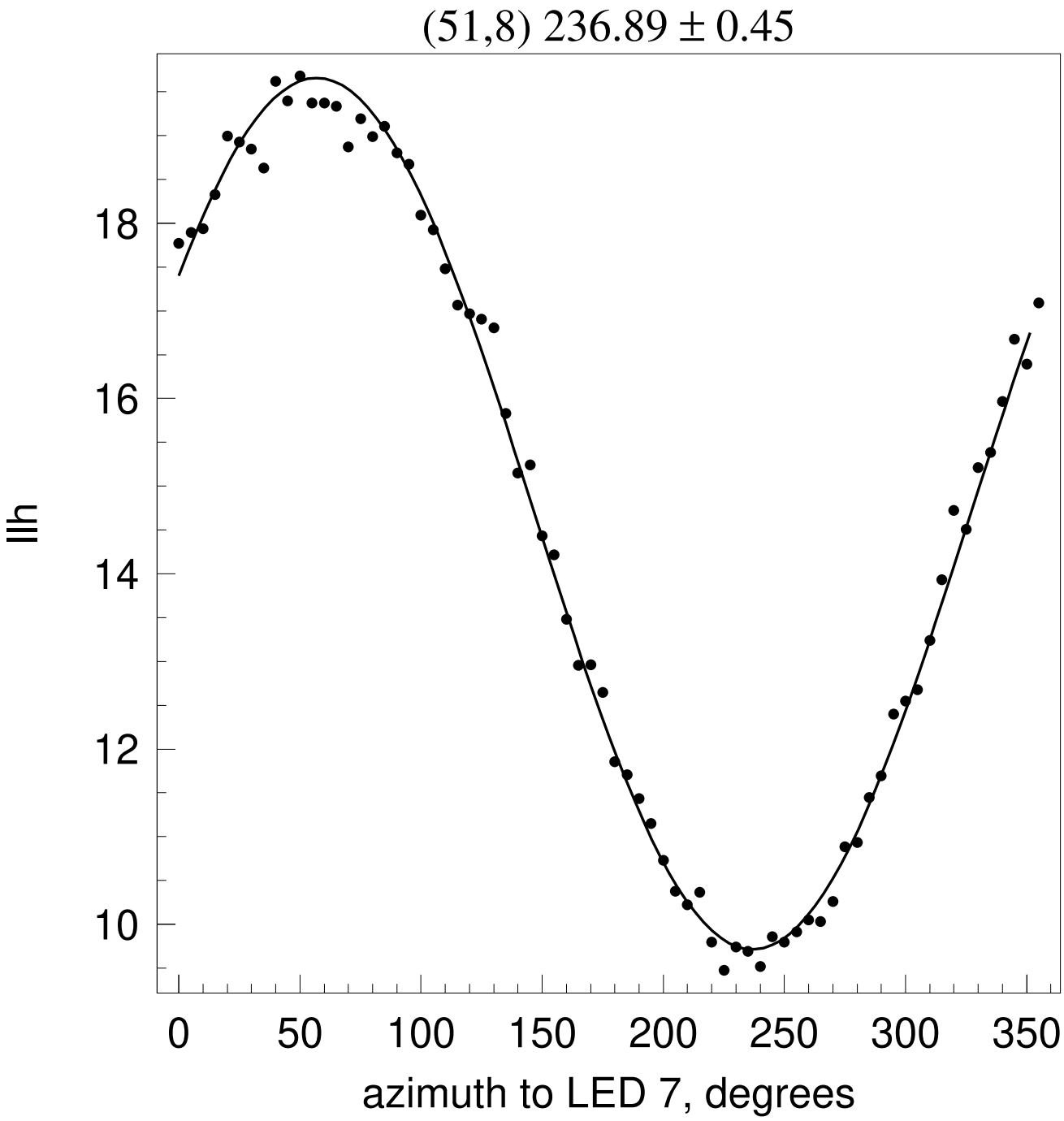

(51,3) 42.71 ± 0.18
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

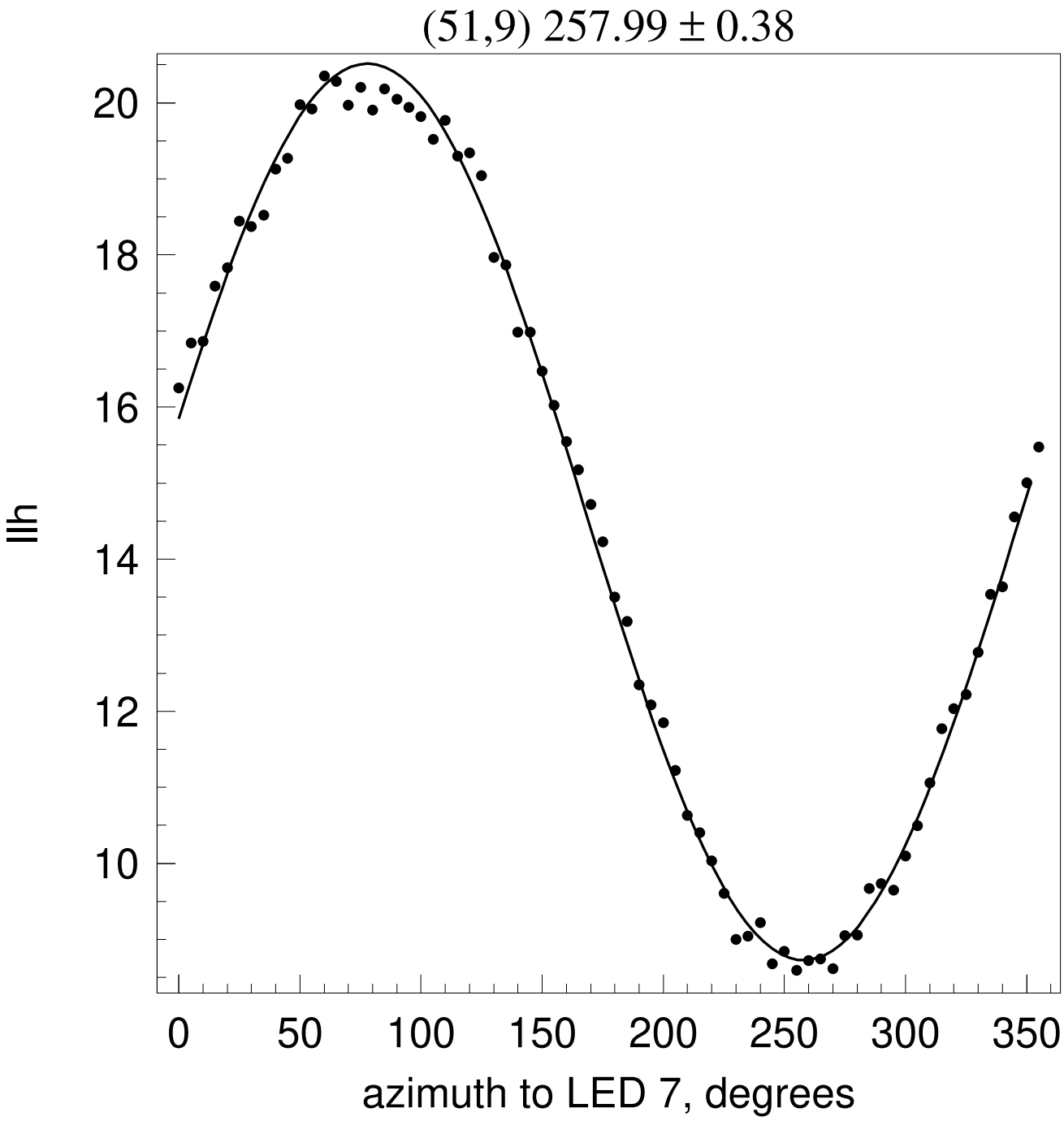

(51,4) 53.96 ± 0.42
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

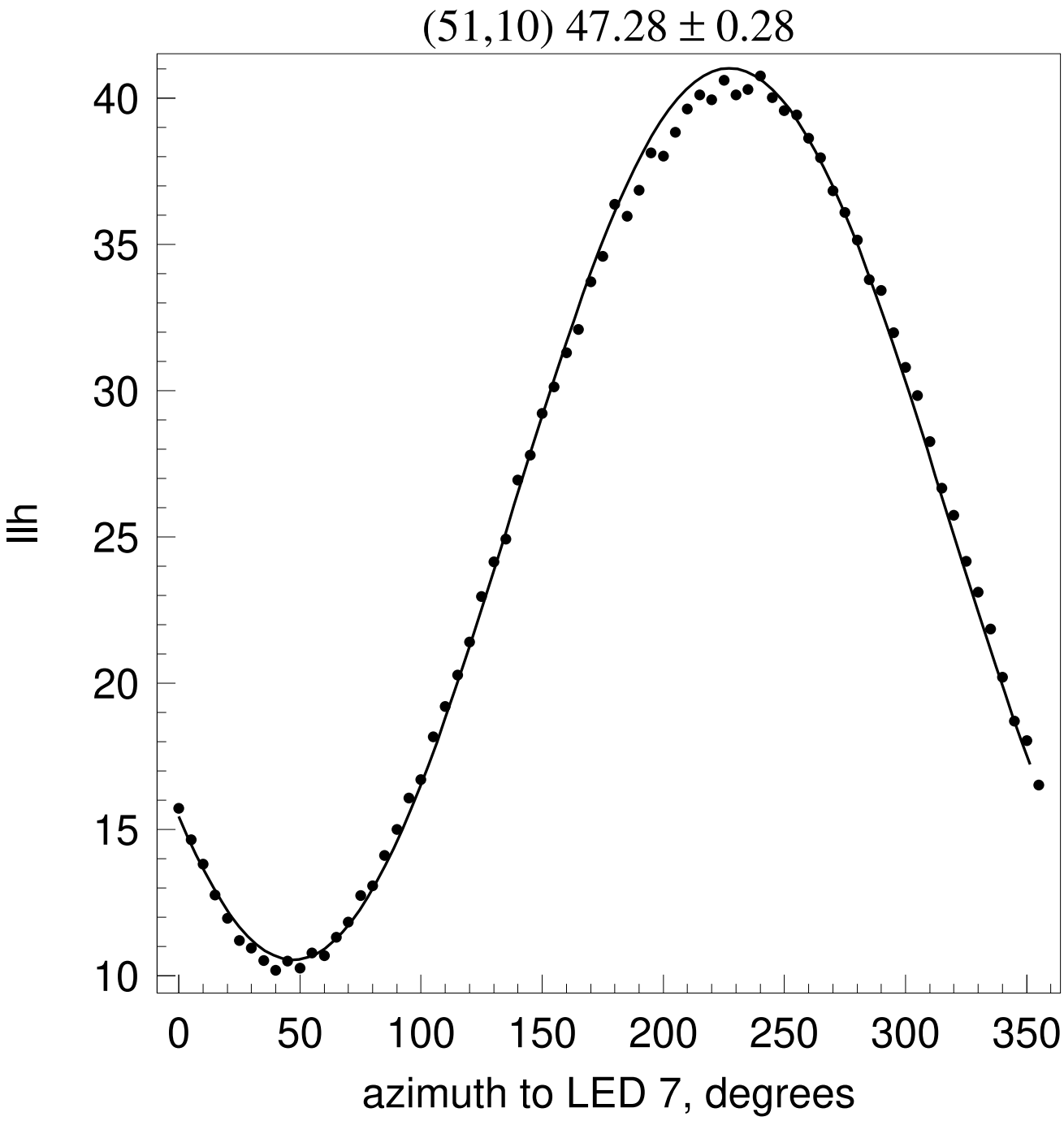

(51,5) 308.41 ± 0.10
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

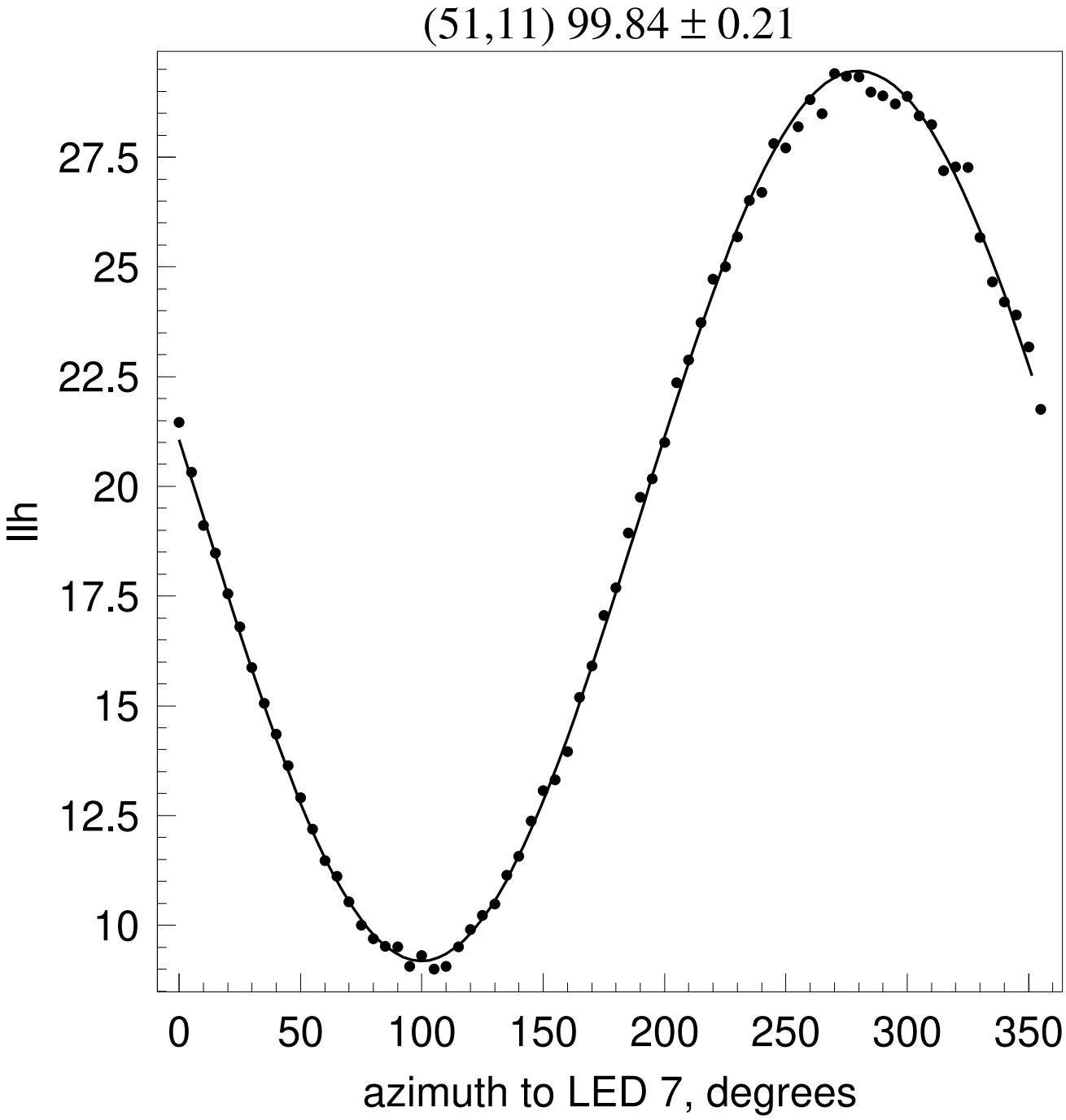

(51,6) 164.07 ± 0.42
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

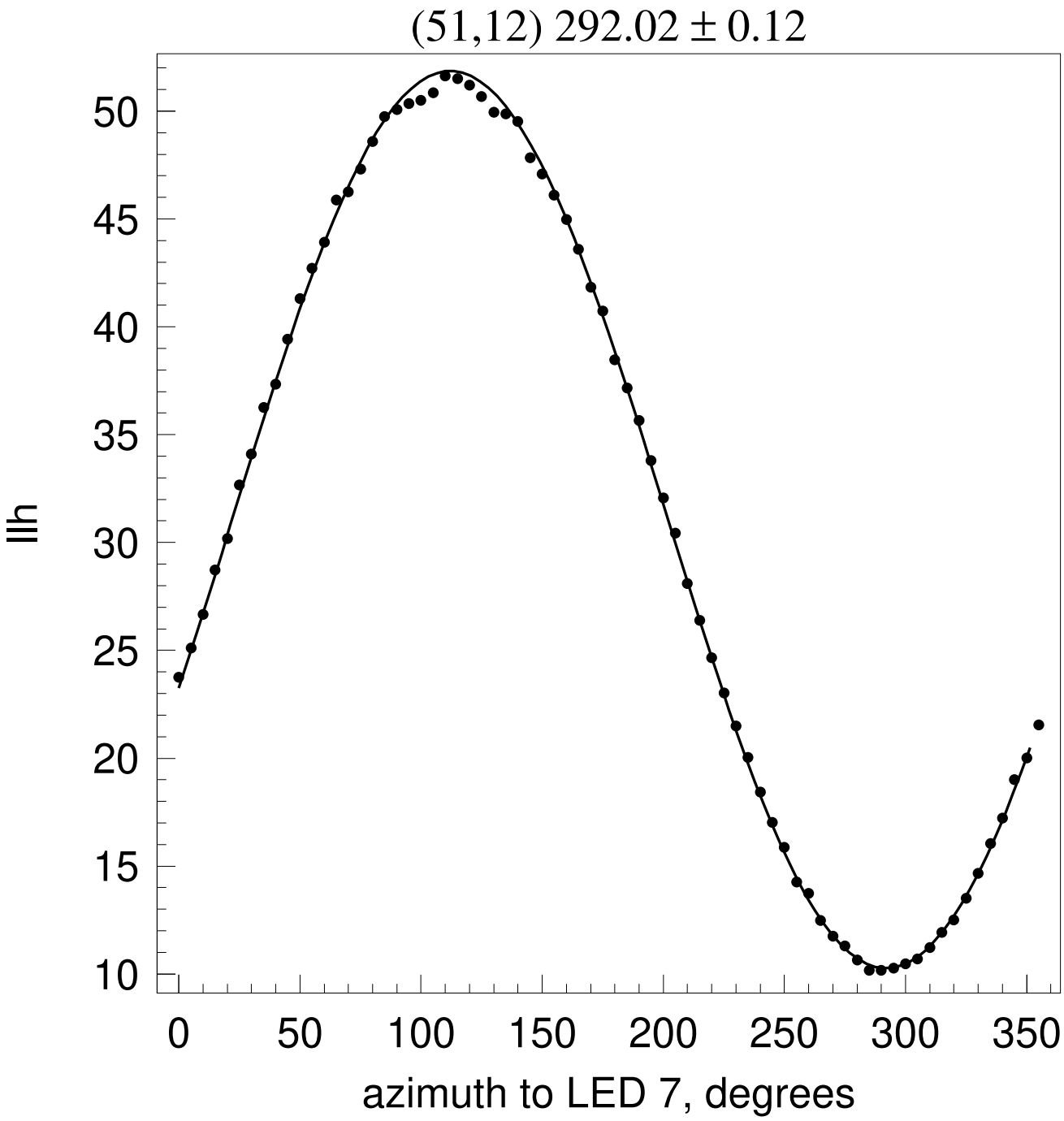

(51,7) 13.75 ± 0.60
19
18
17
16
15
14
13
12
11
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

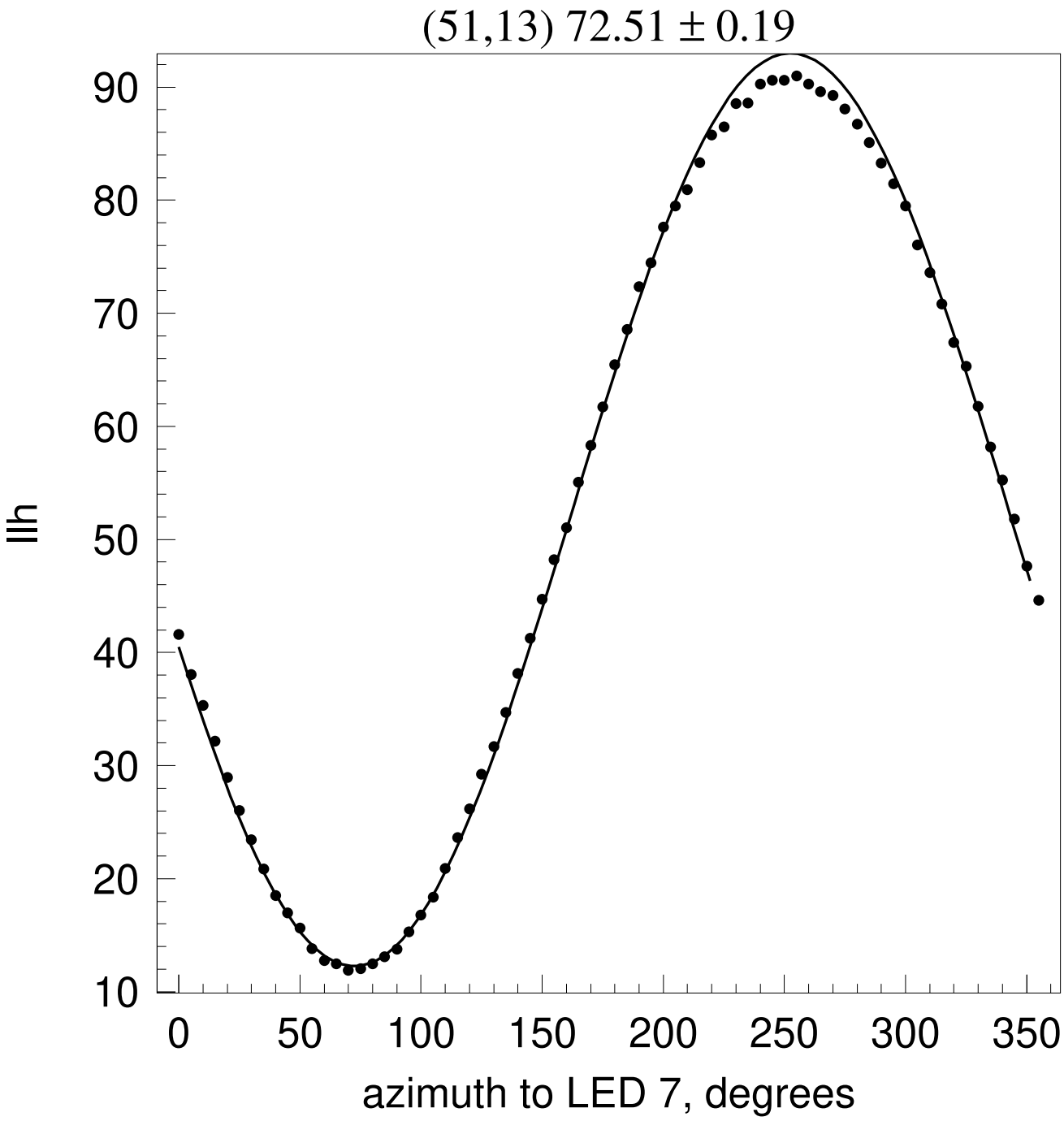

(51,8) 236.89 ± 0.45
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

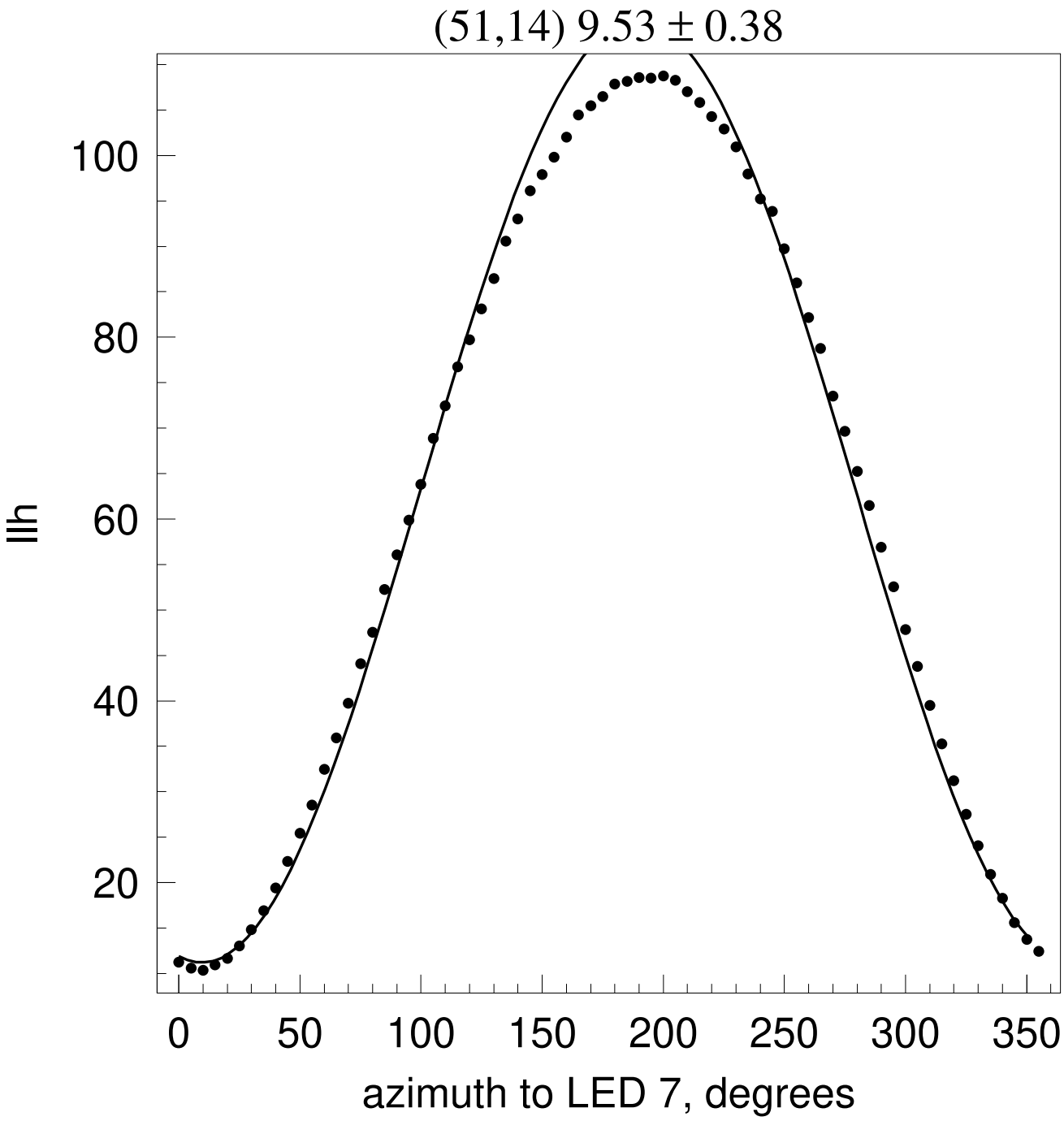

(51,9) 257.99 ± 0.38
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

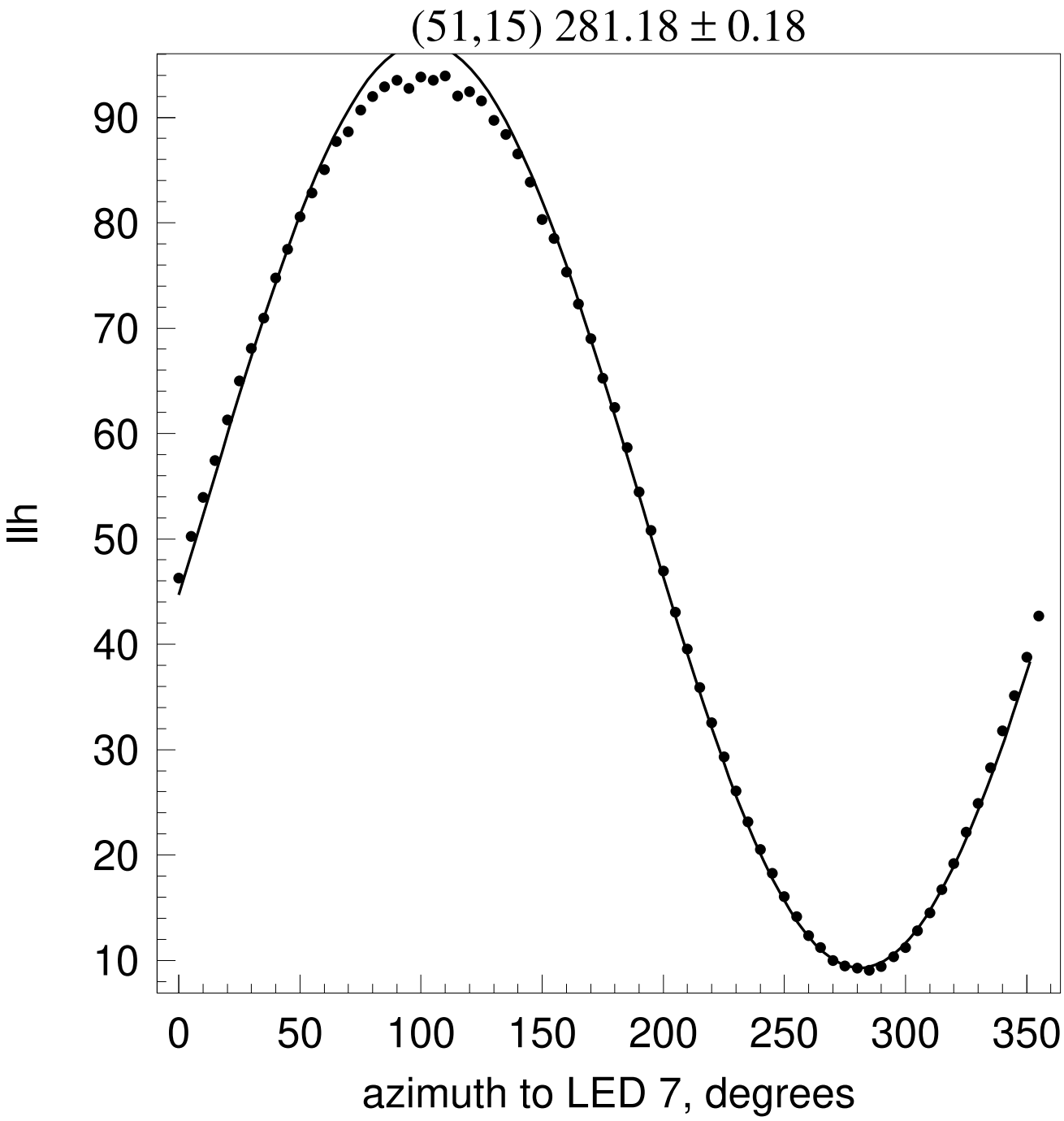

(51,10) 47.28 ± 0.28
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

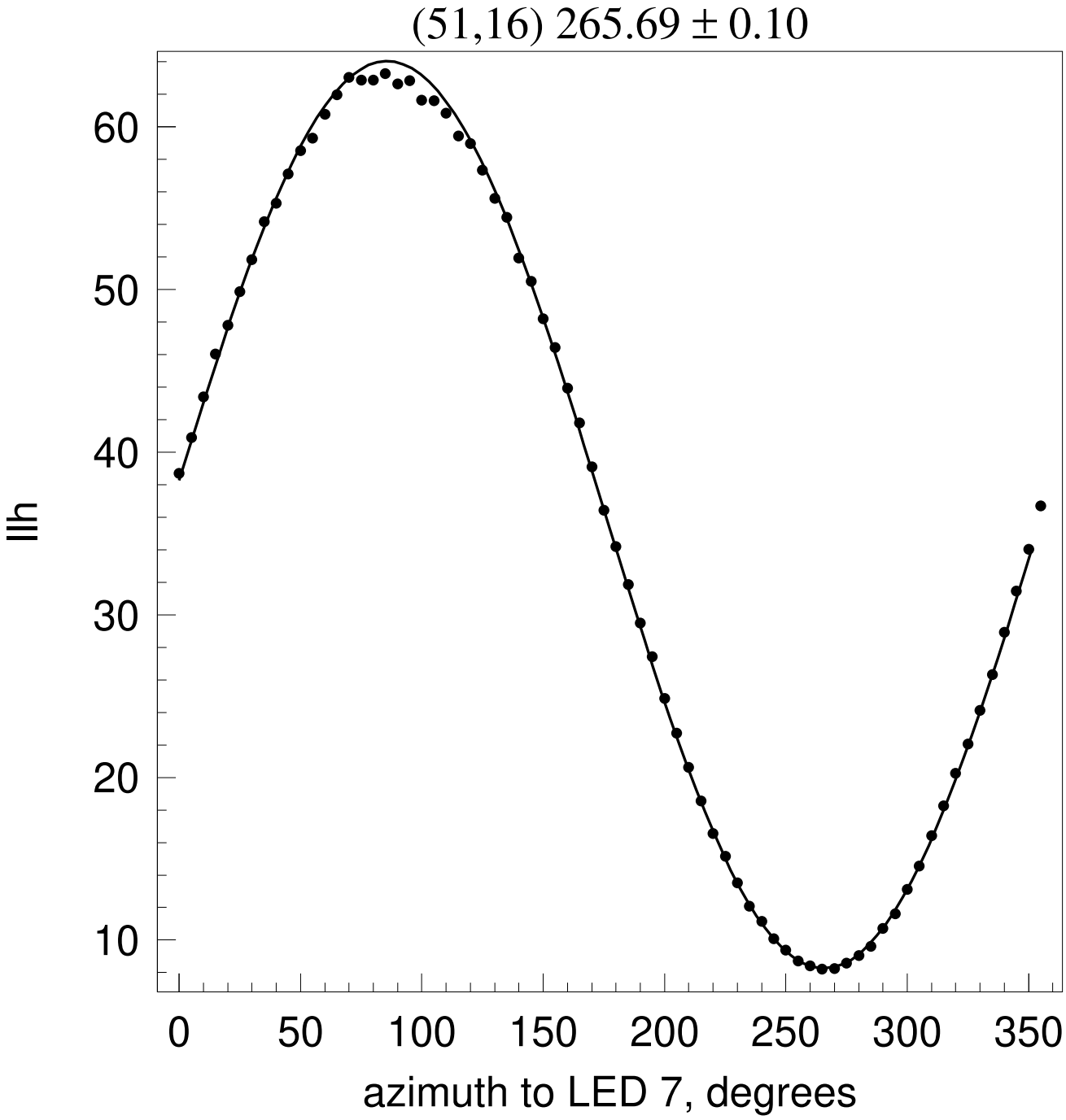

(51,11) 99.84 ± 0.21
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

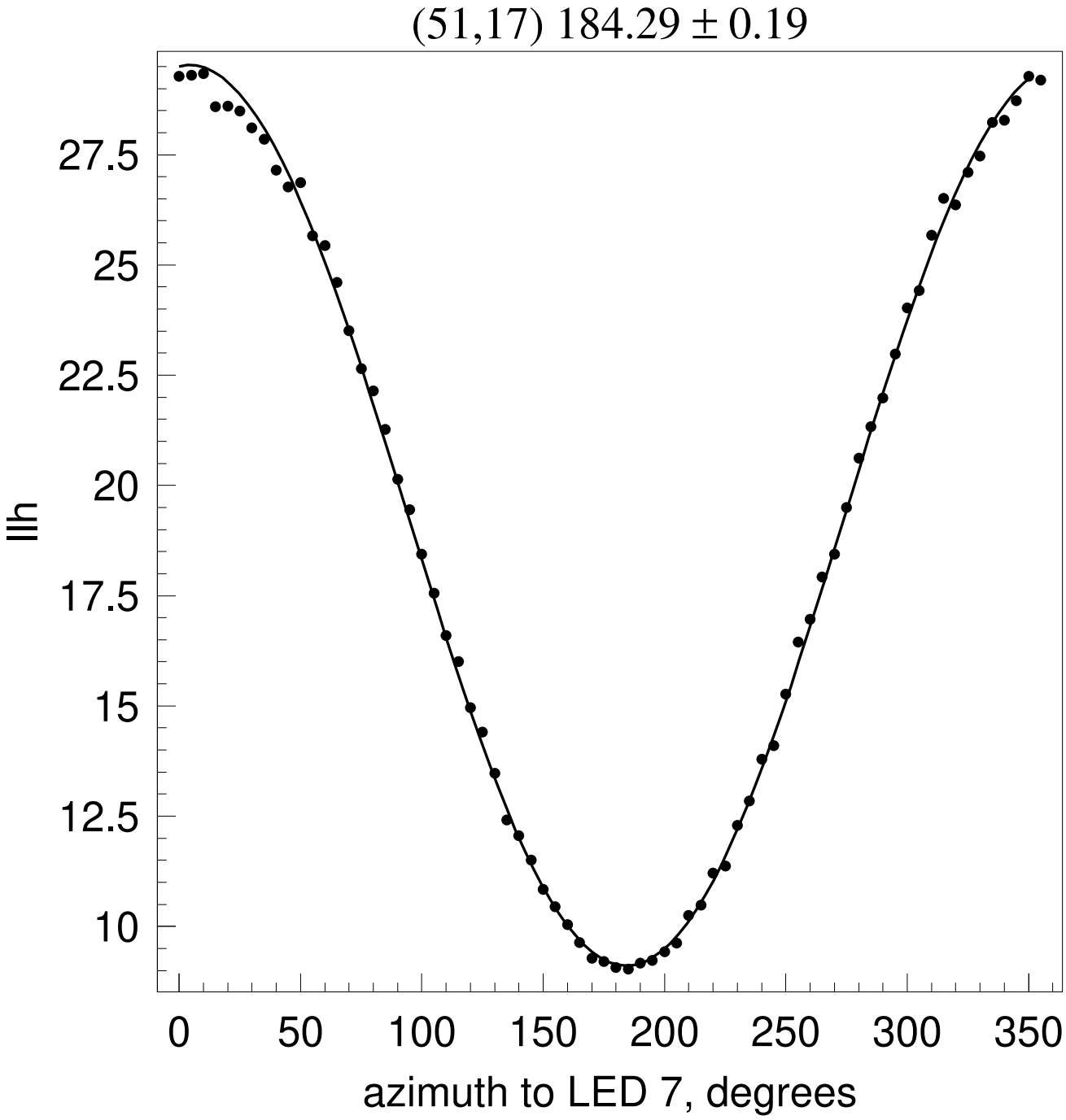

(51,12) 292.02 ± 0.12
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

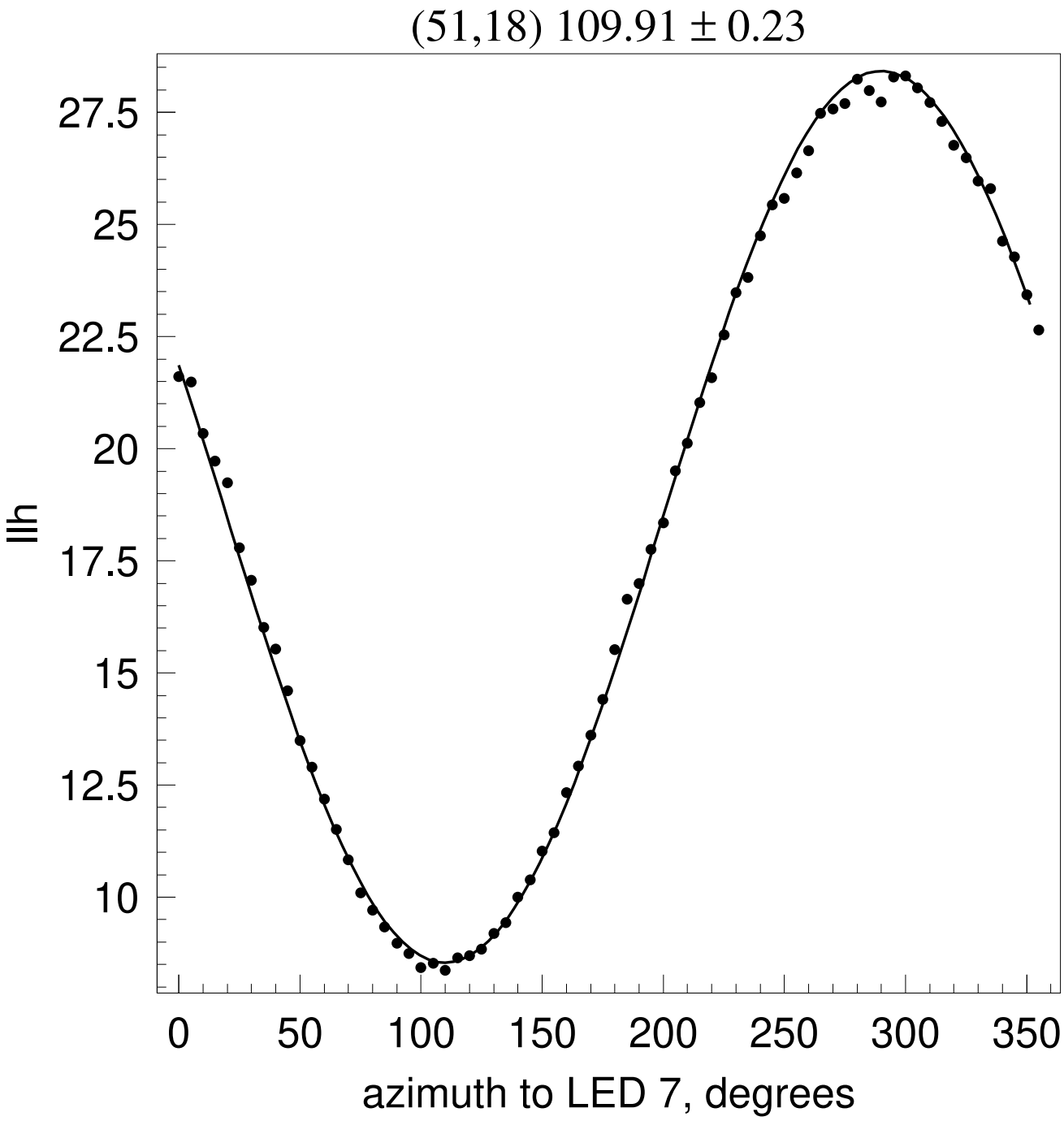

(51,13) 72.51 ± 0.19
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

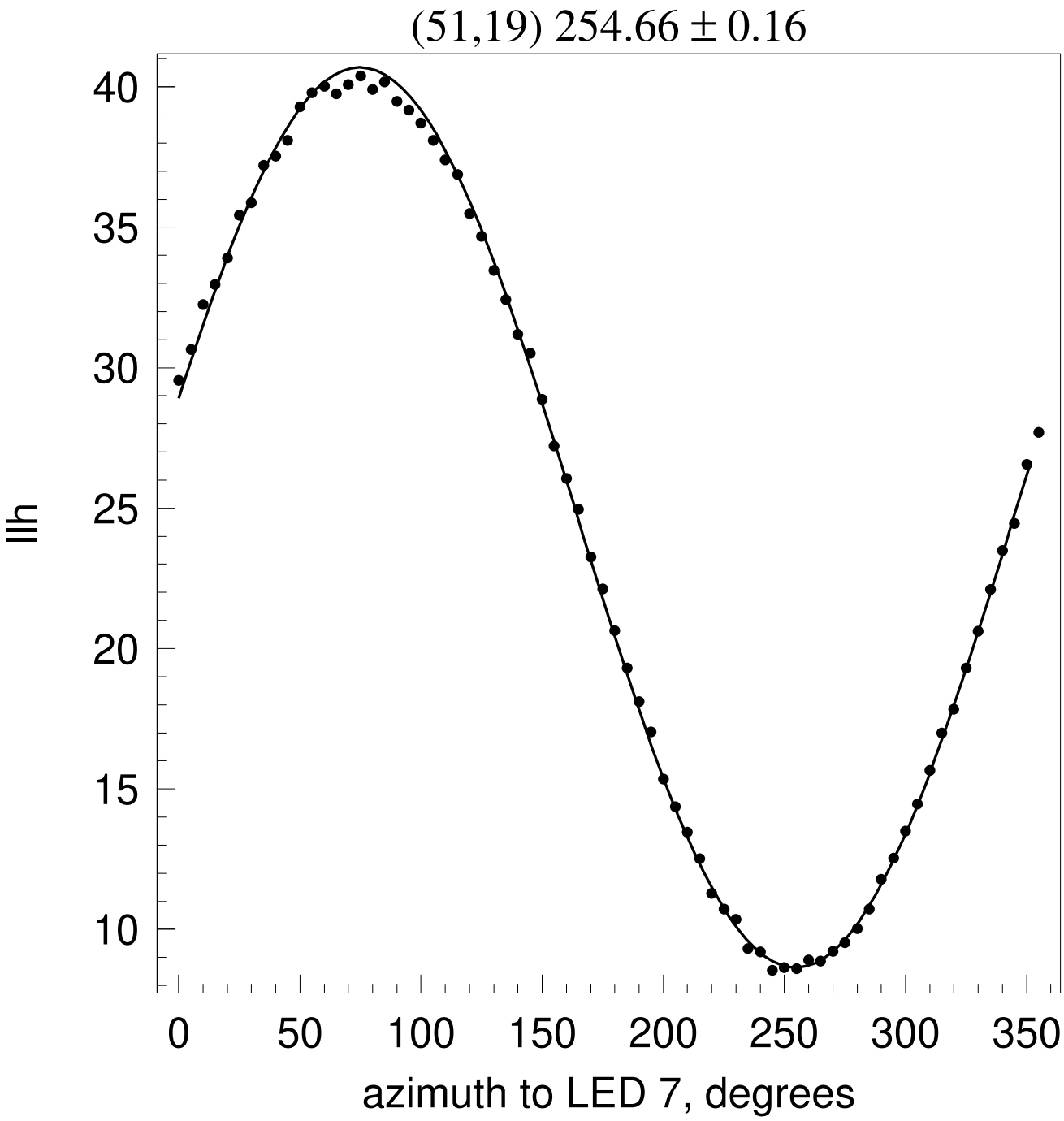

(51,14) 9.53 ± 0.38
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

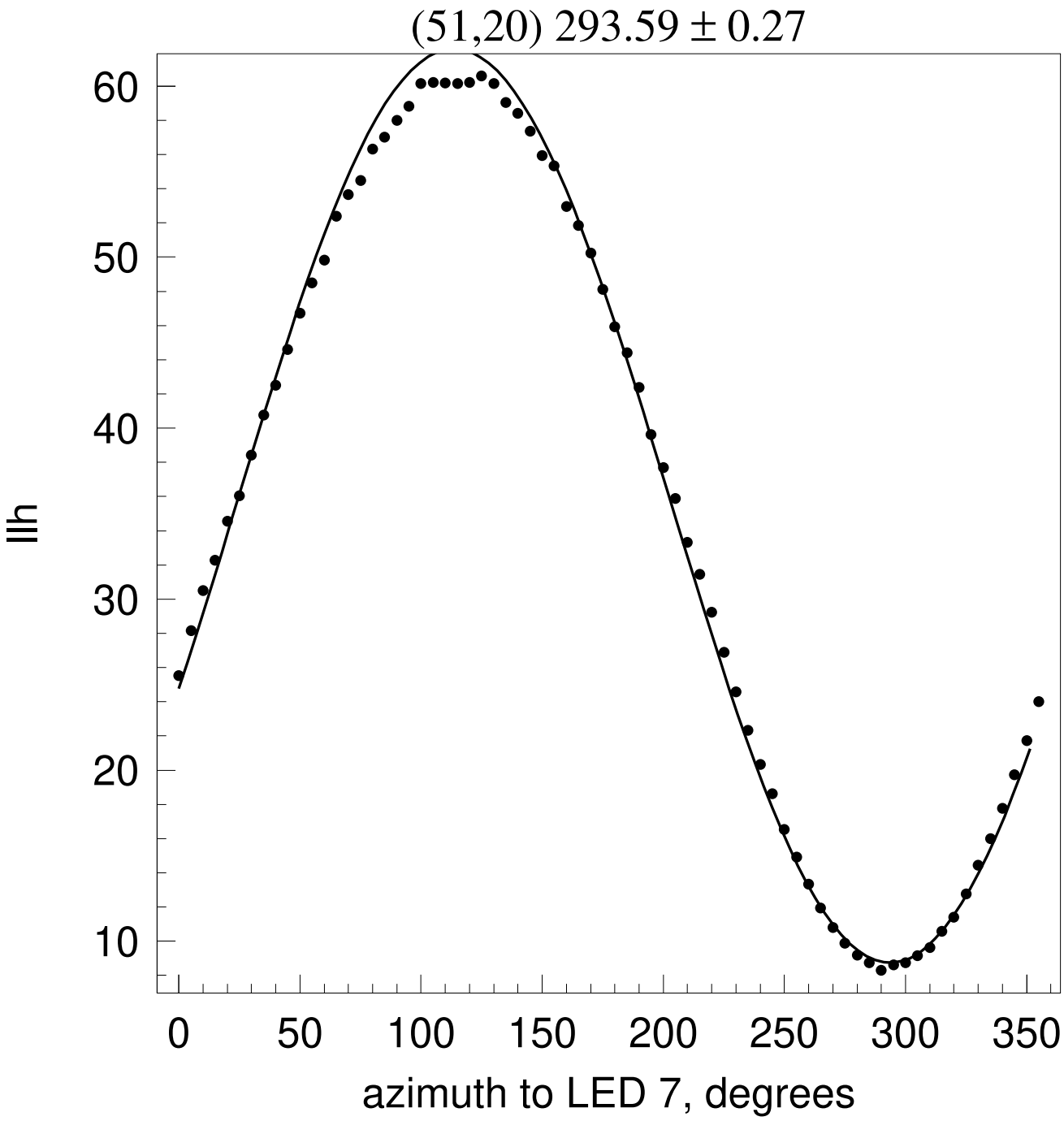

(51,15) 281.18 ± 0.18
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

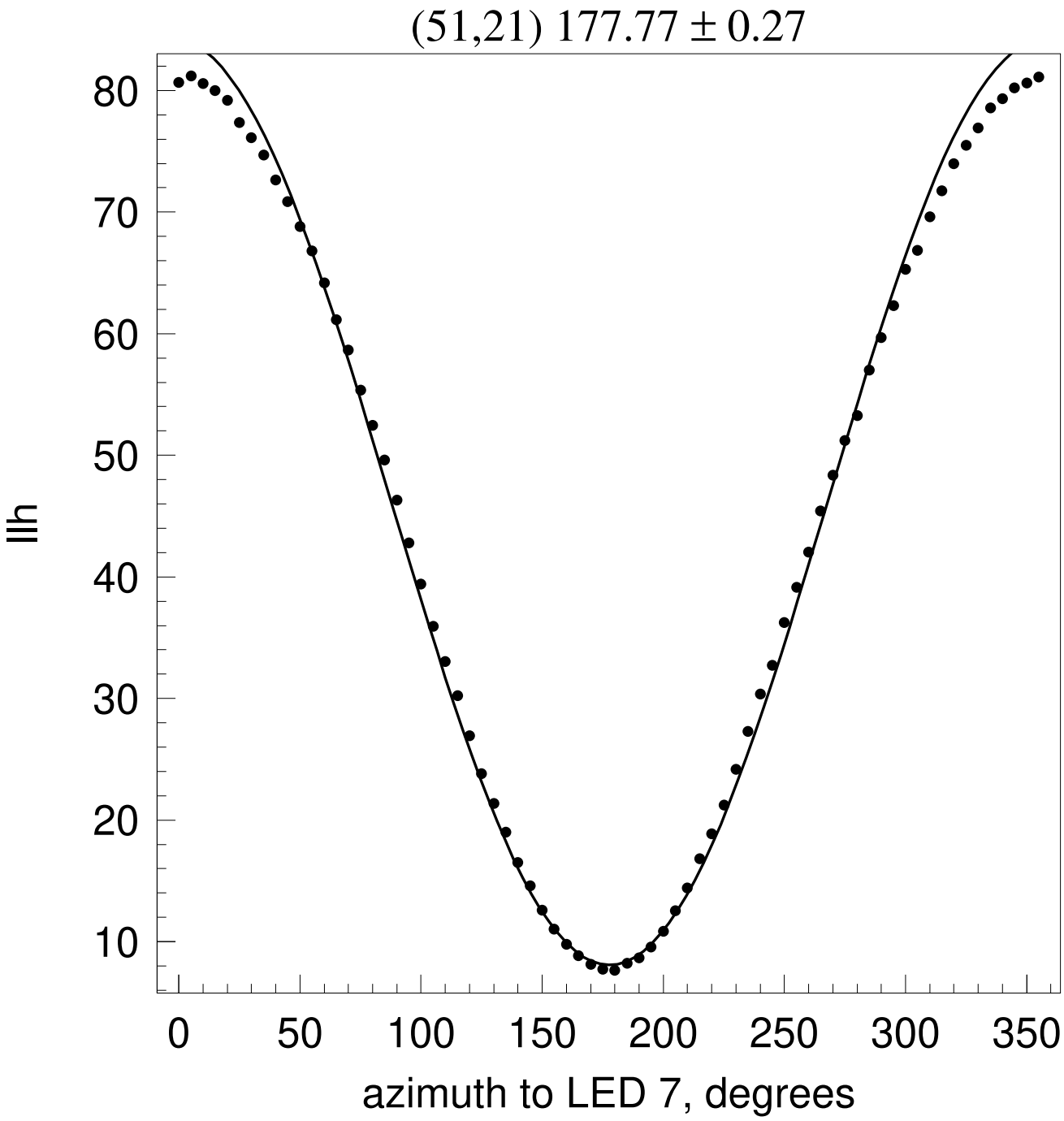

(51,16) 265.69 ± 0.10
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

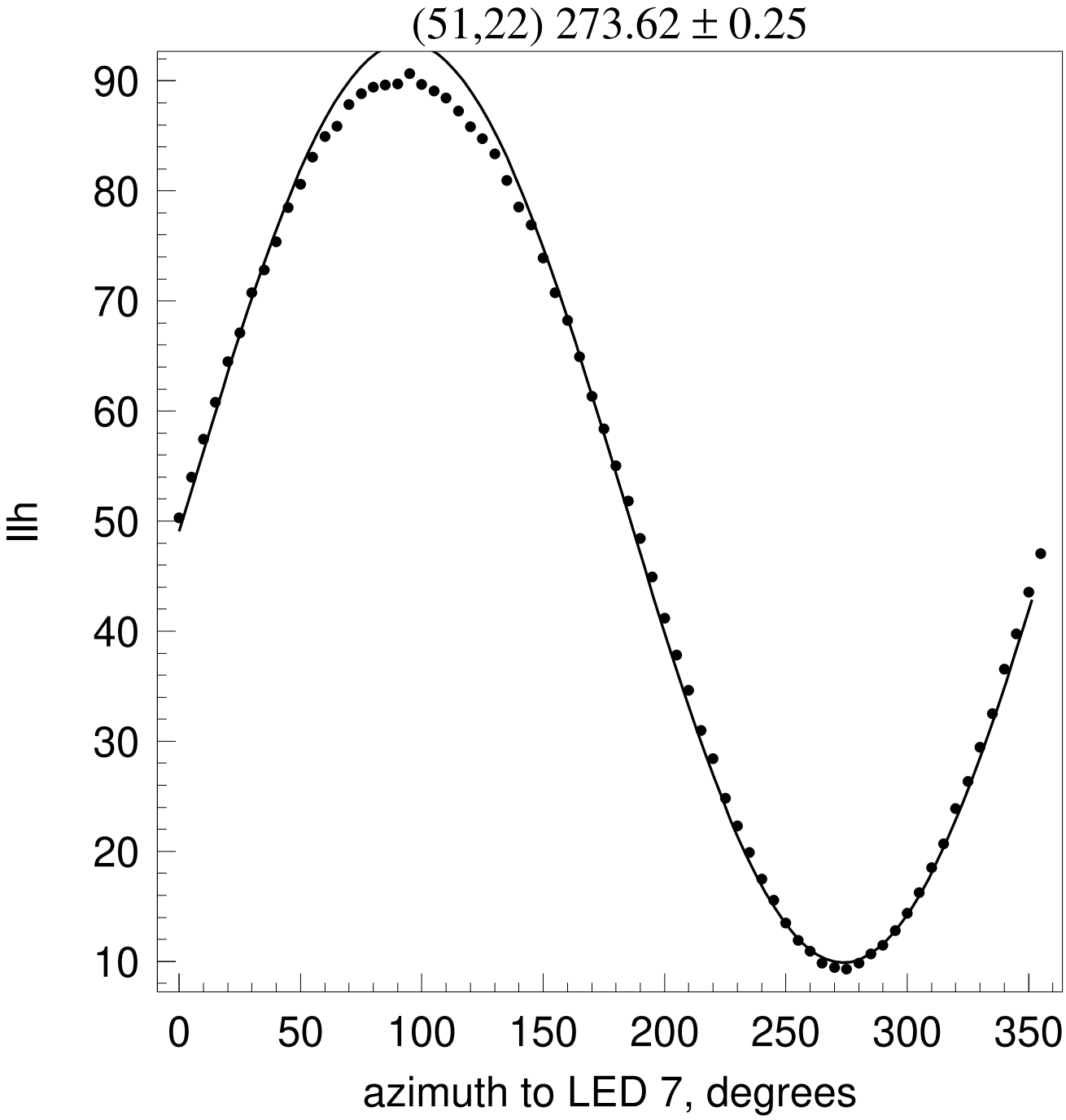

(51,17) 184.29 ± 0.19
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

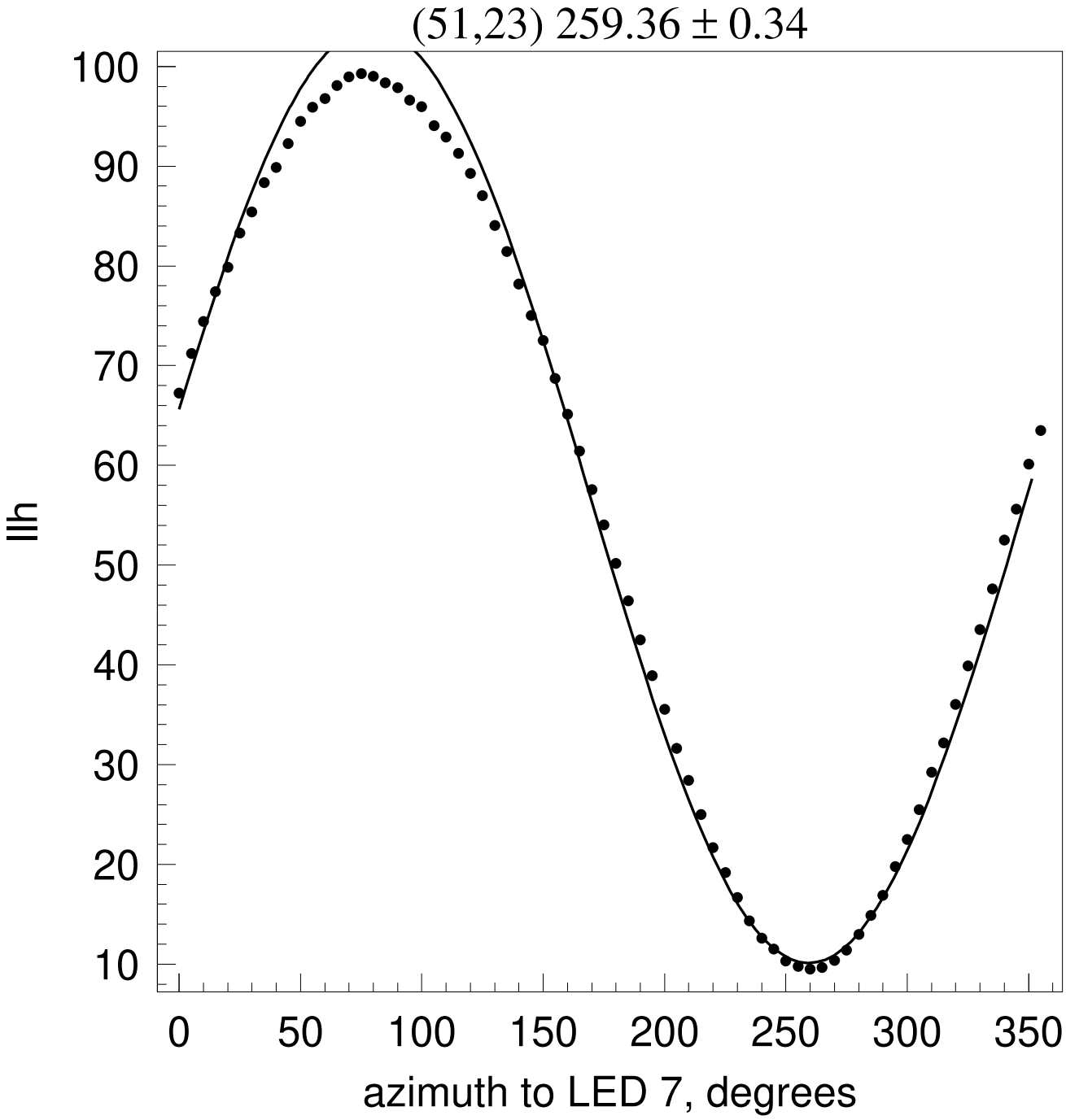

(51,18) 109.91 ± 0.23
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

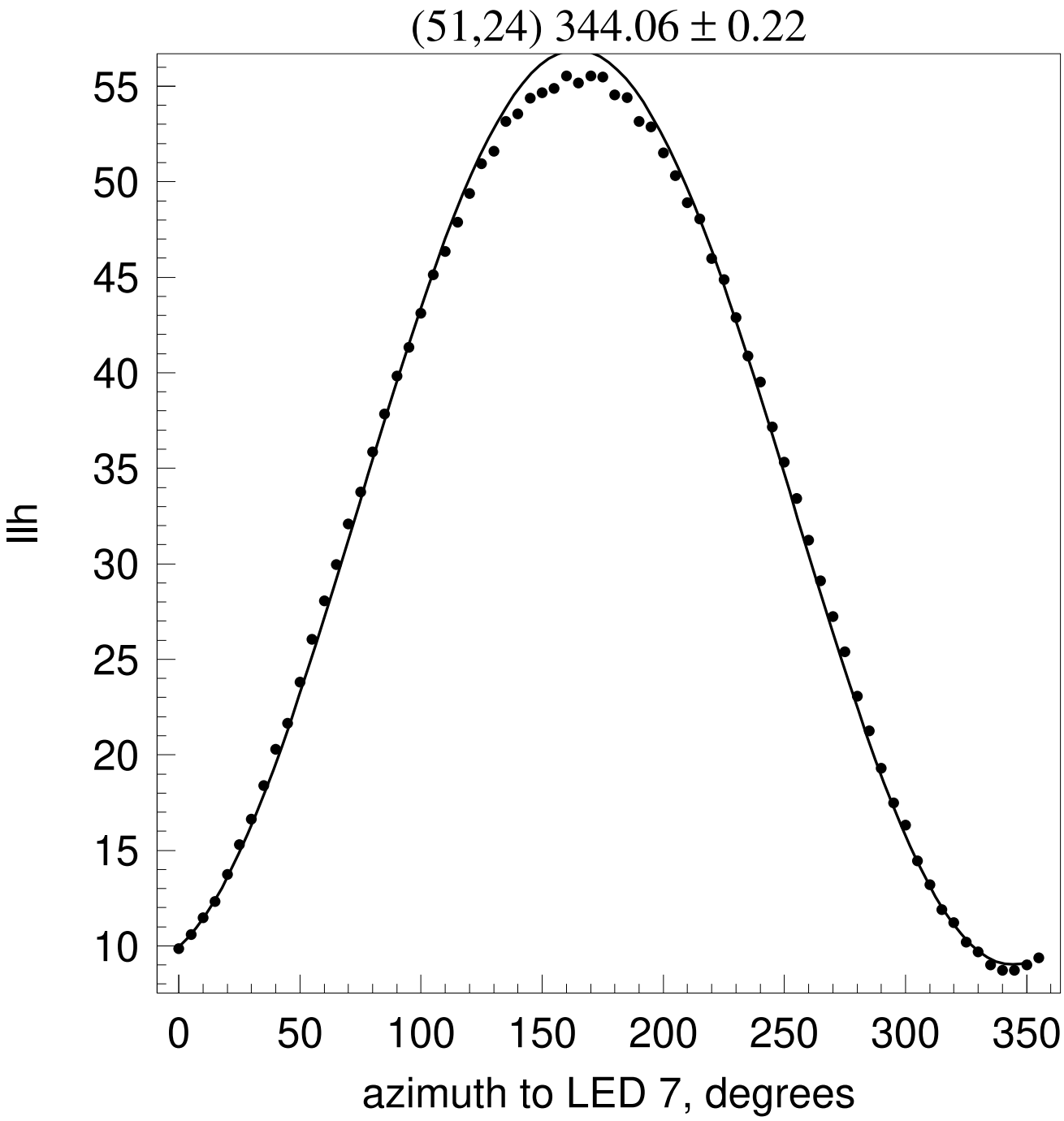

(51,19) 254.66 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

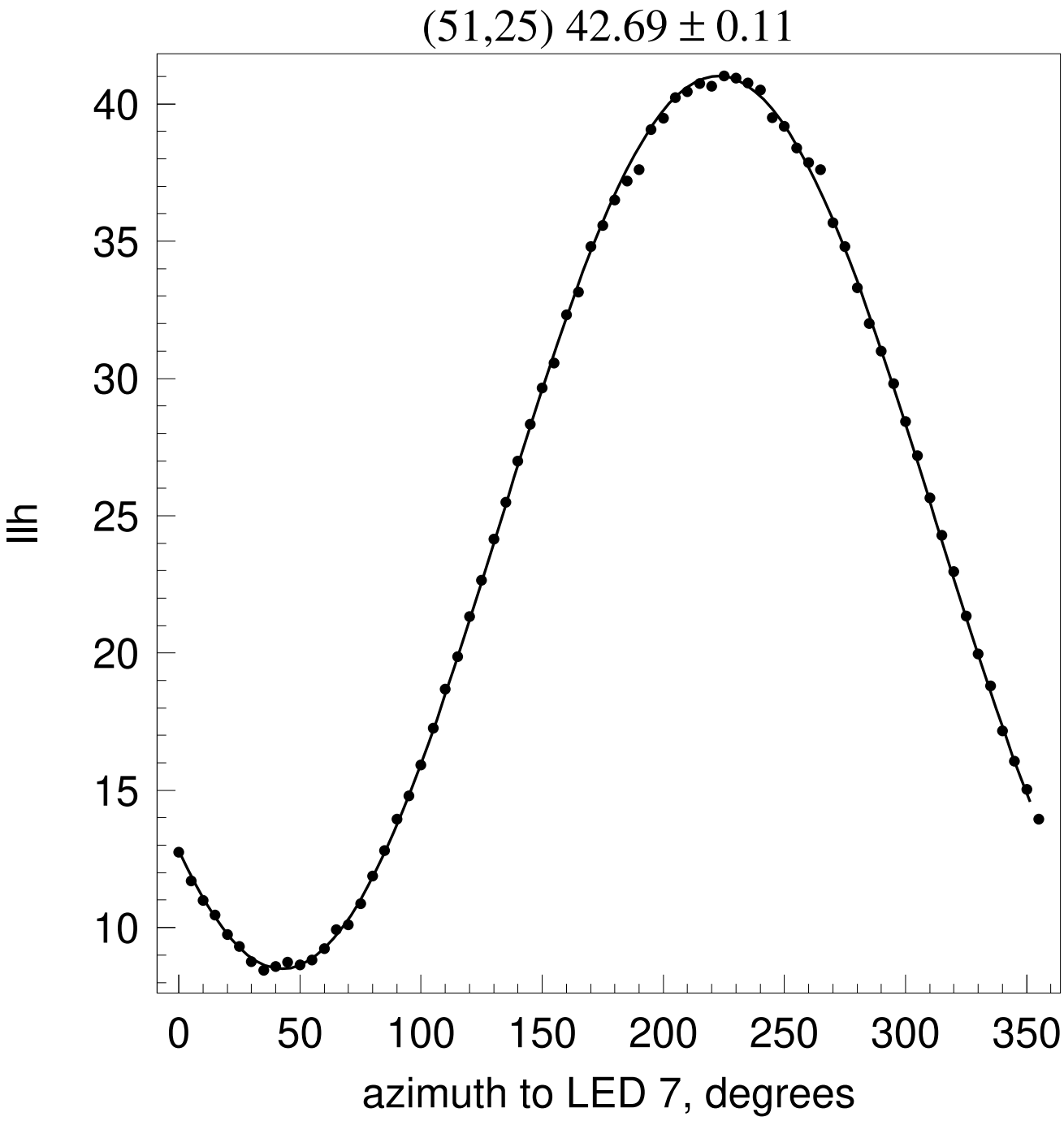

(51,20) 293.59 ± 0.27
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

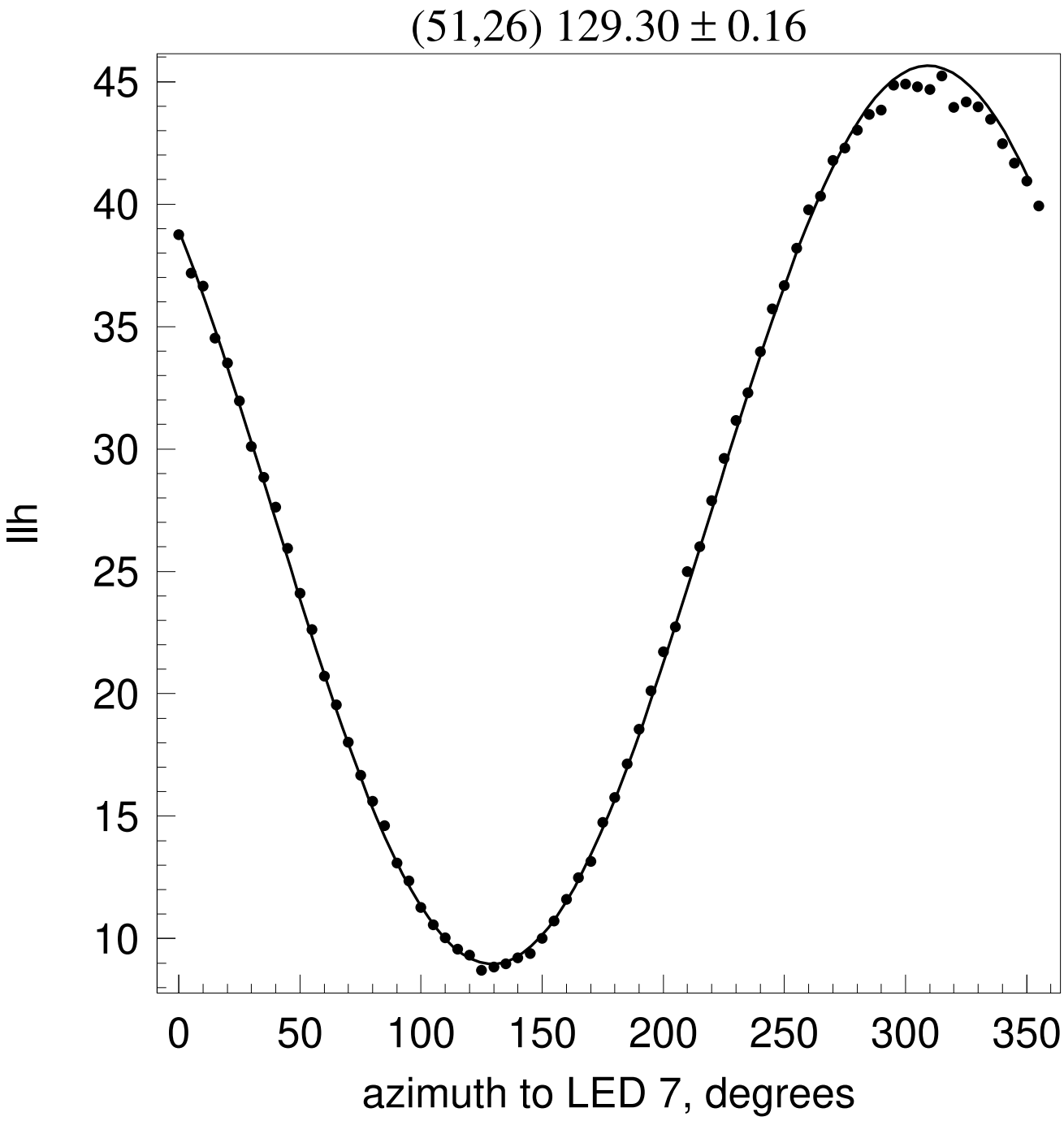

(51,21) 177.77 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

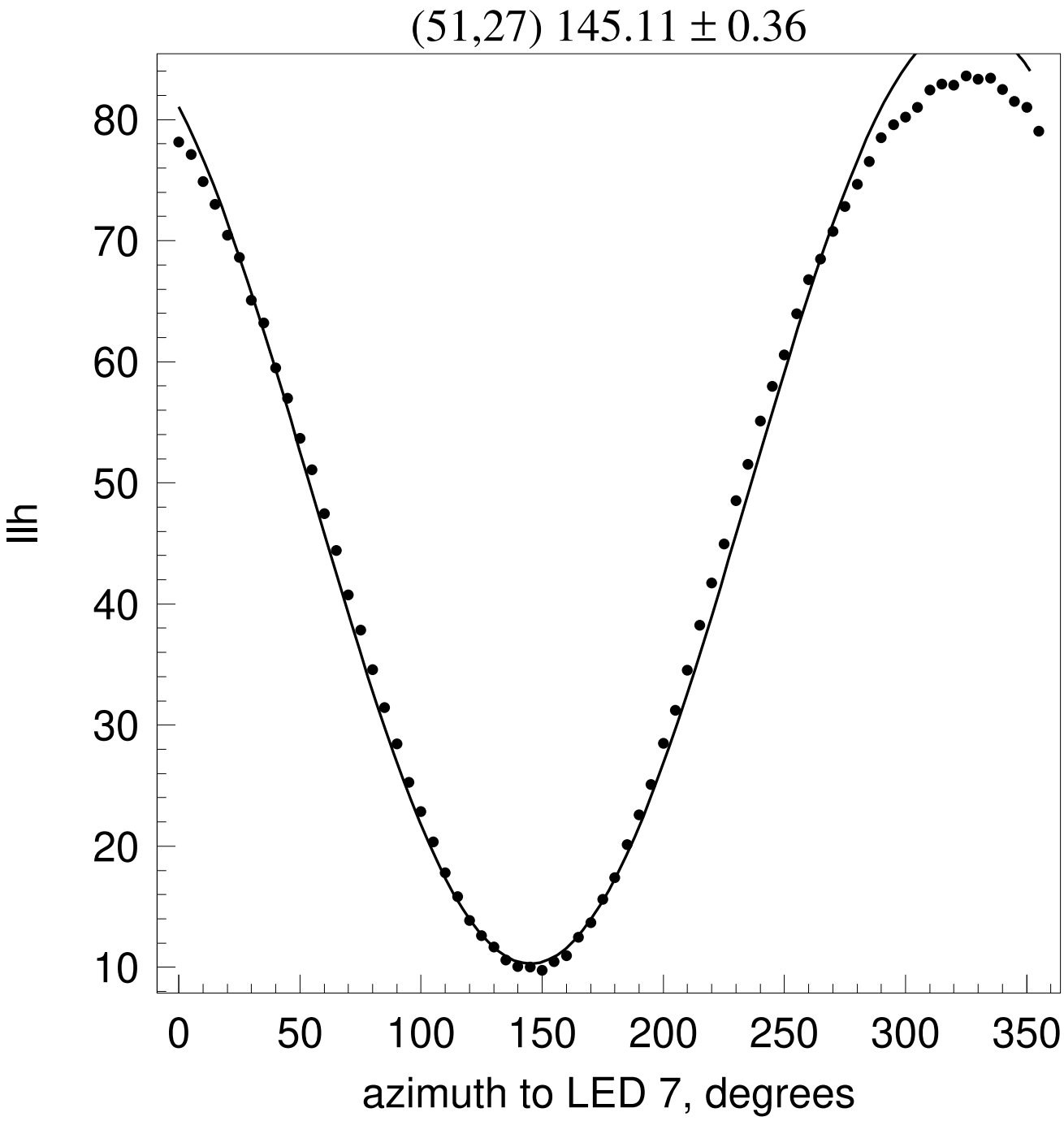

(51,22) 273.62 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

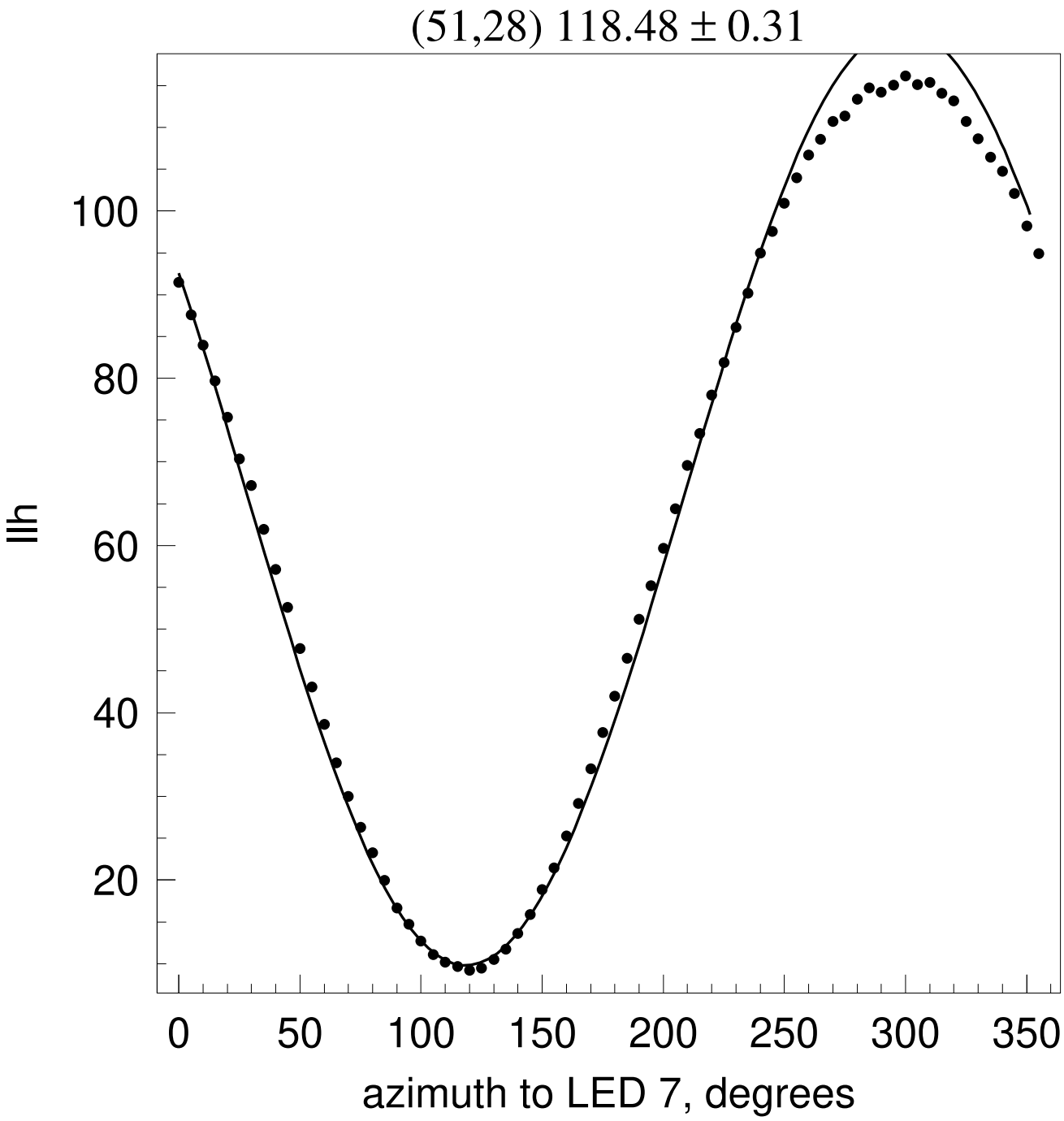

(51,23) 259.36 ± 0.34
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

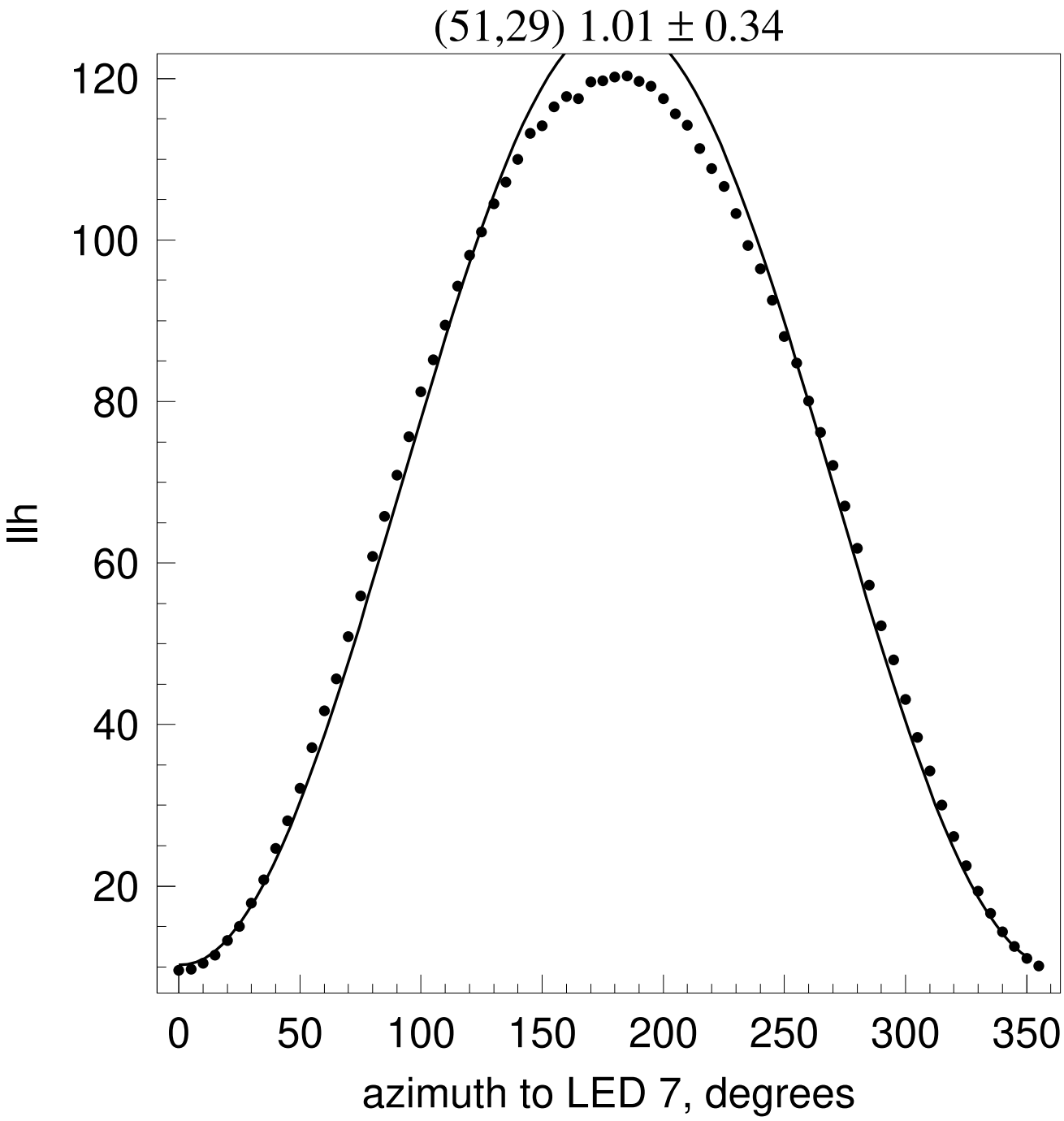

(51,24) 344.06 ± 0.22
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

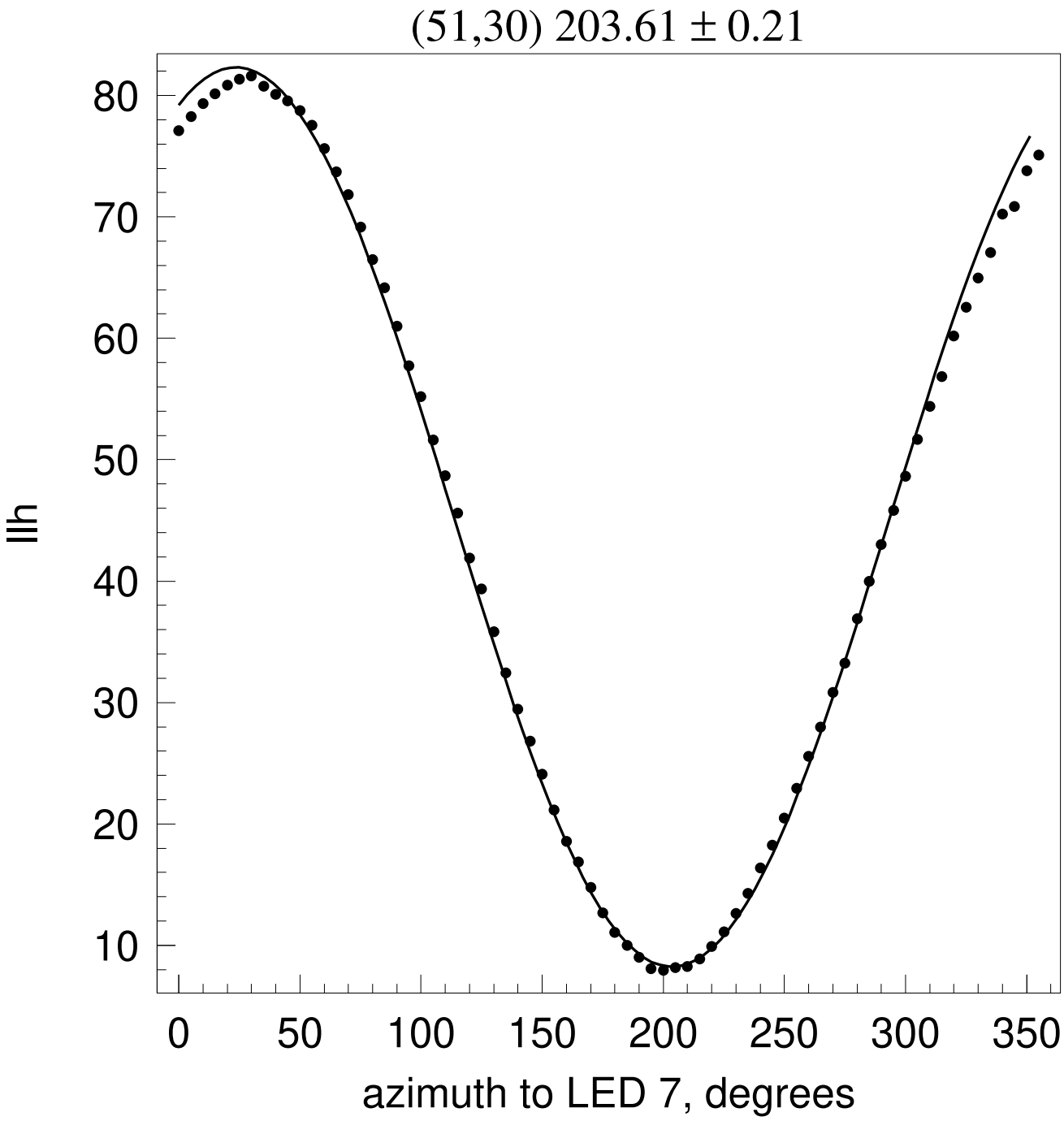

(51,25) 42.69 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

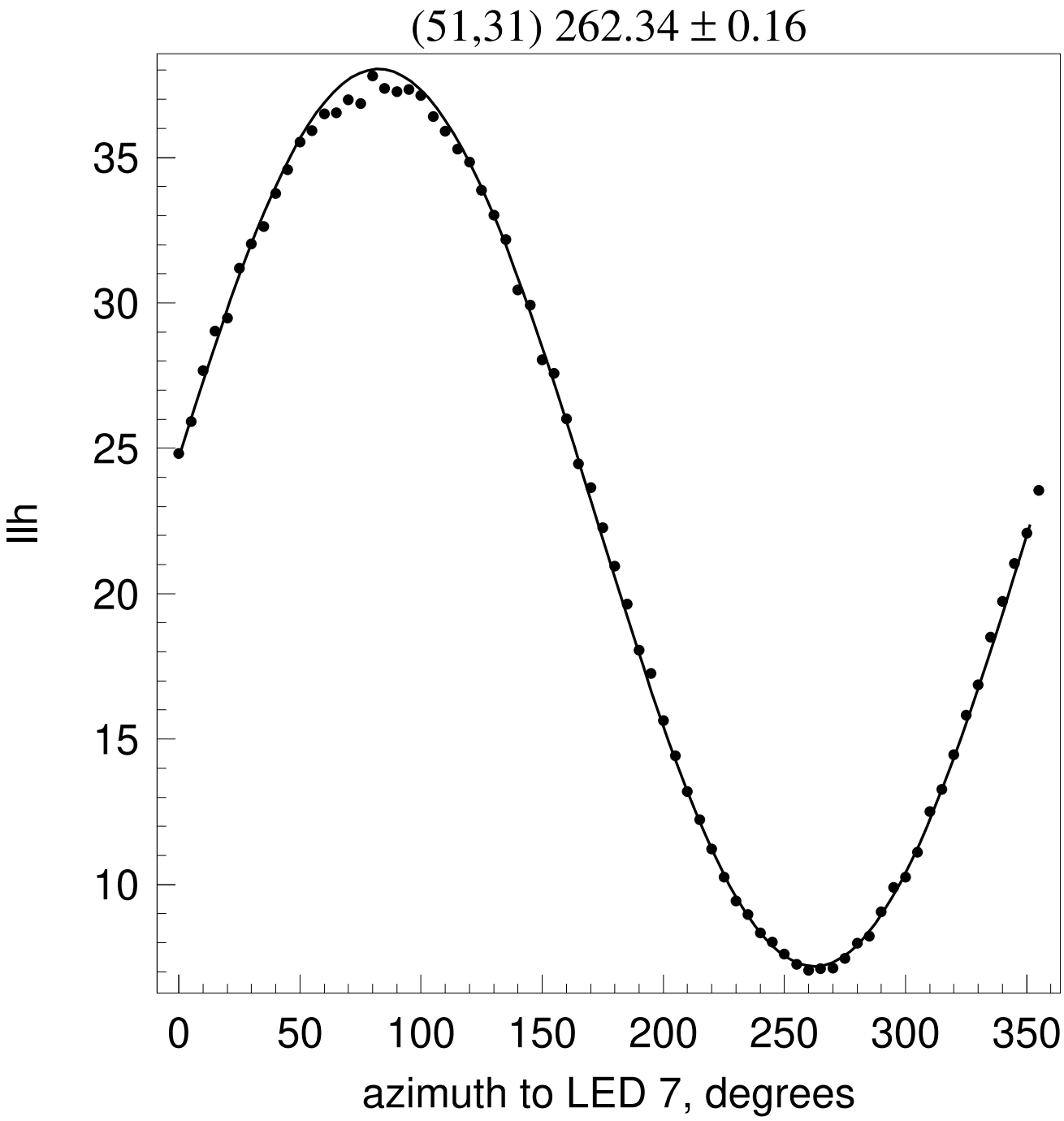

(51,26) 129.30 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

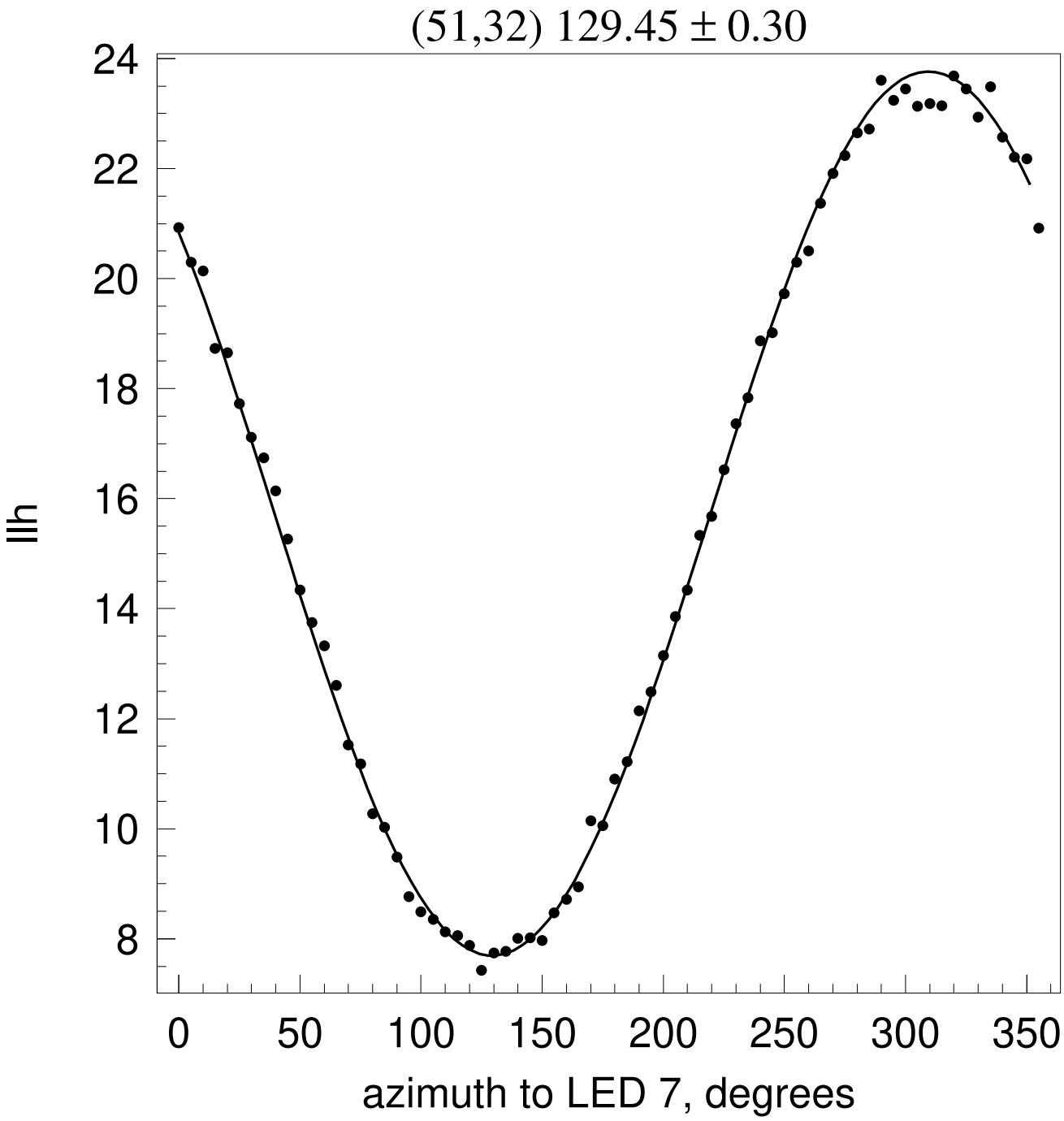

(51,27) 145.11 ± 0.36
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

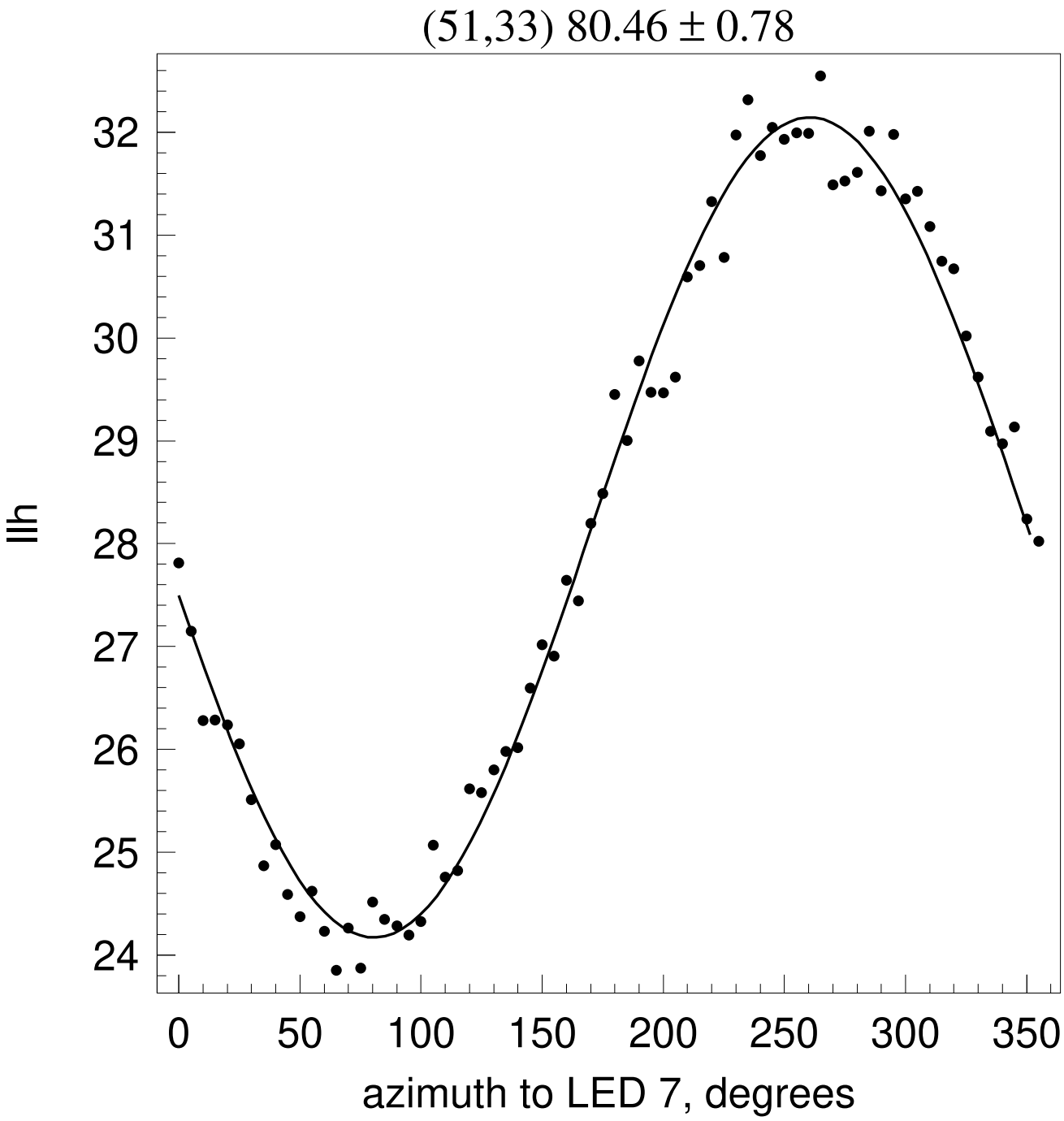

(51,28) 118.48 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

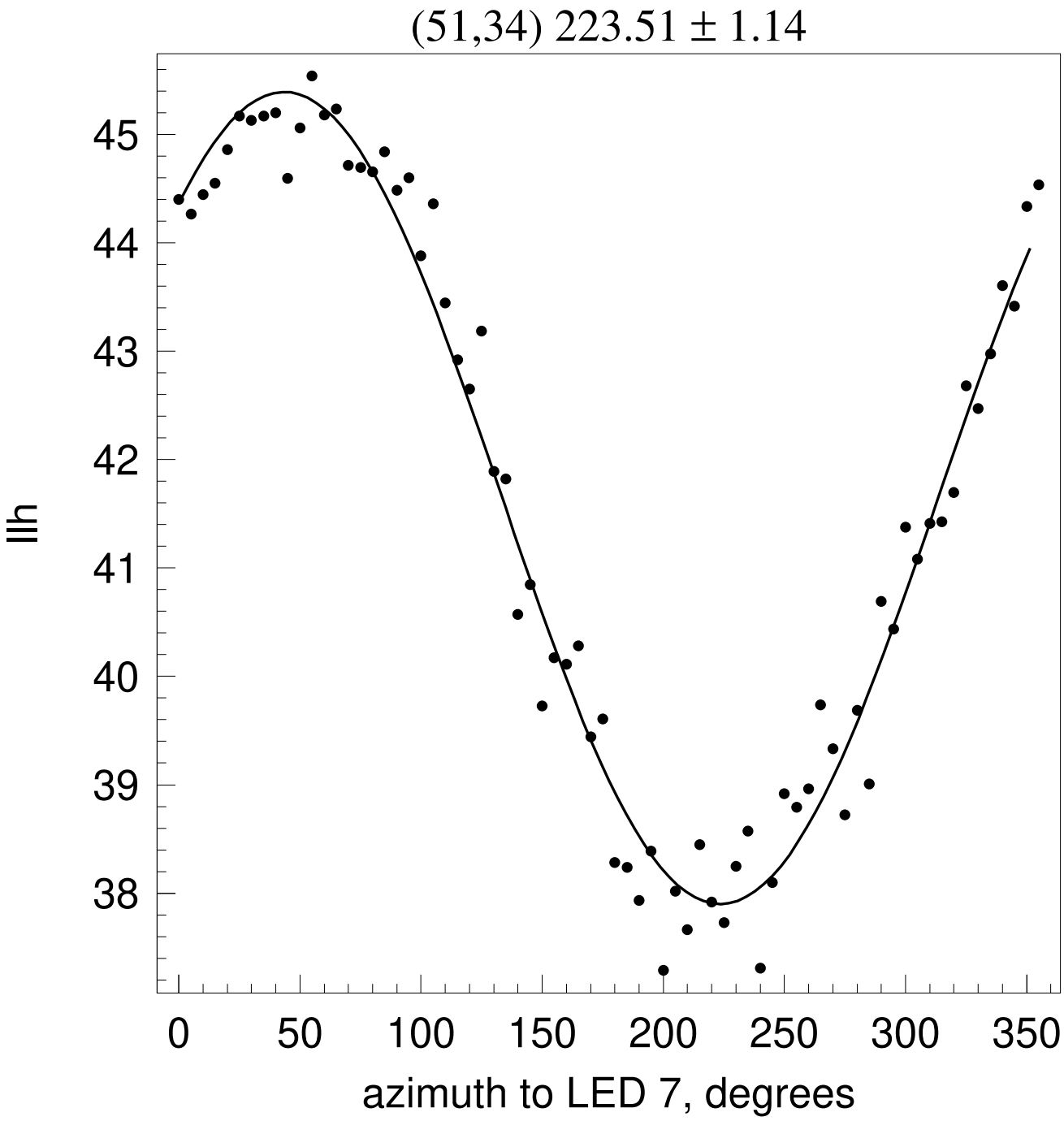

(51,29) 1.01 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

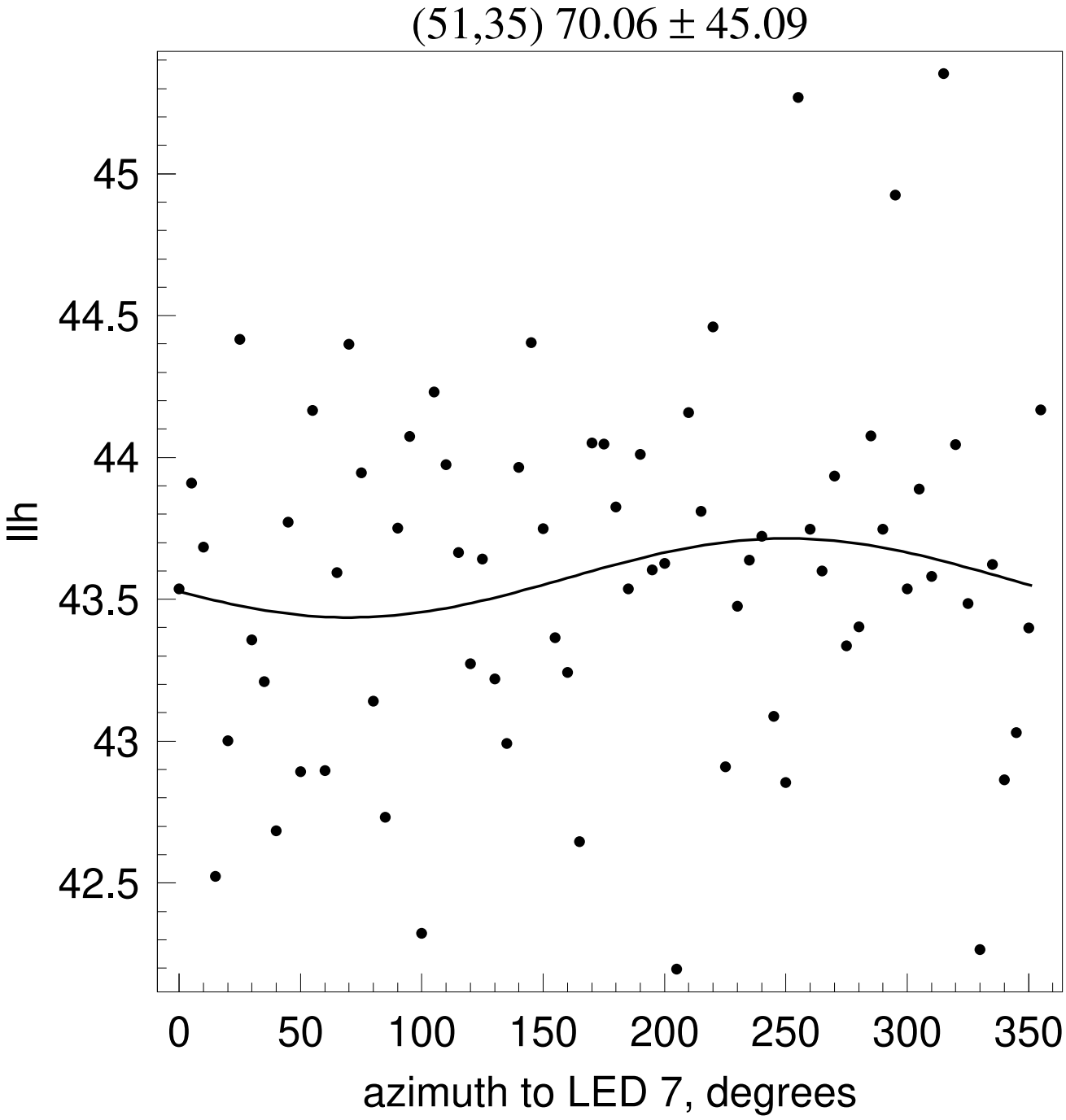

(51,30) 203.61 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

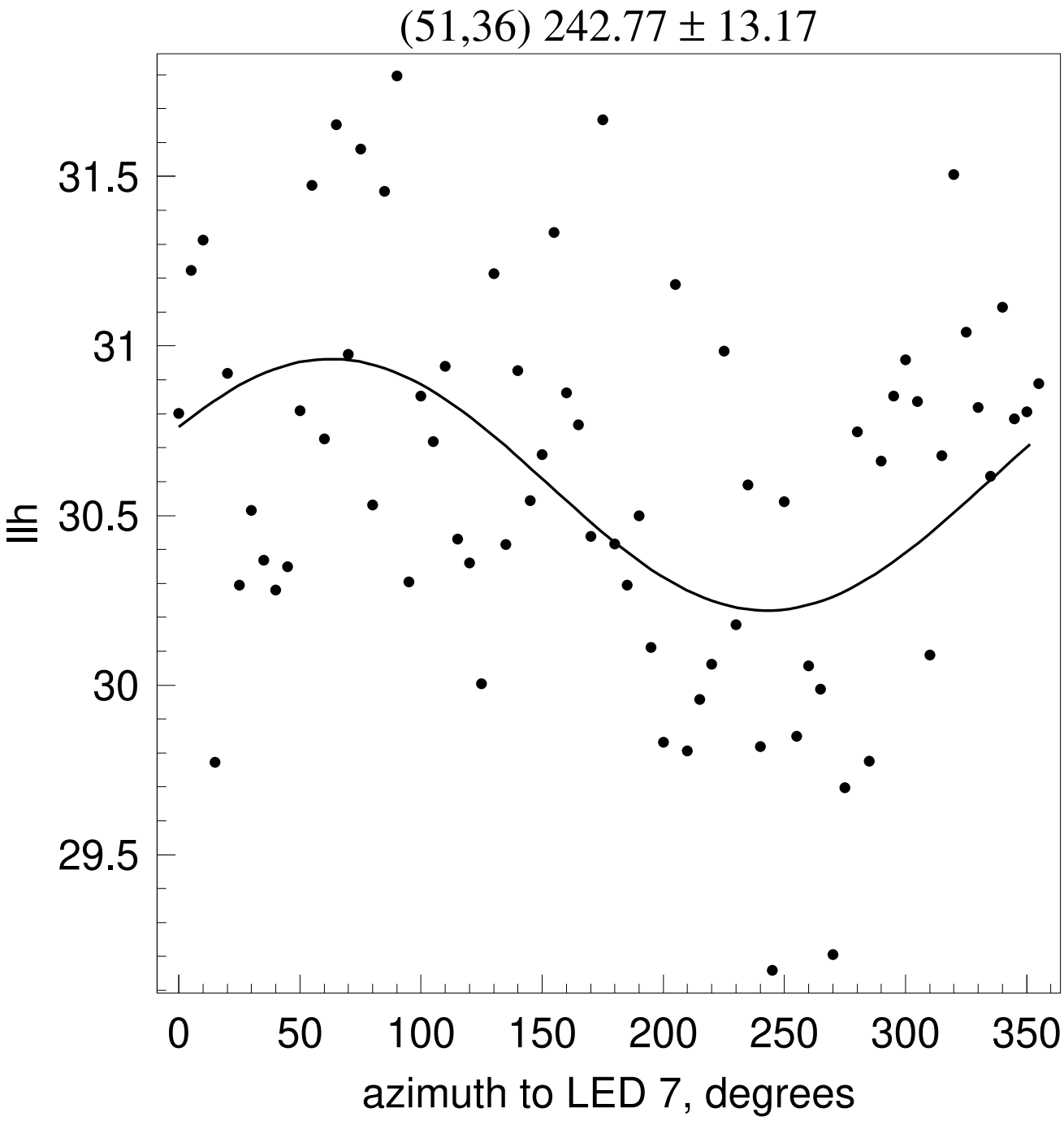

(51,31) 262.34 ± 0.16
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

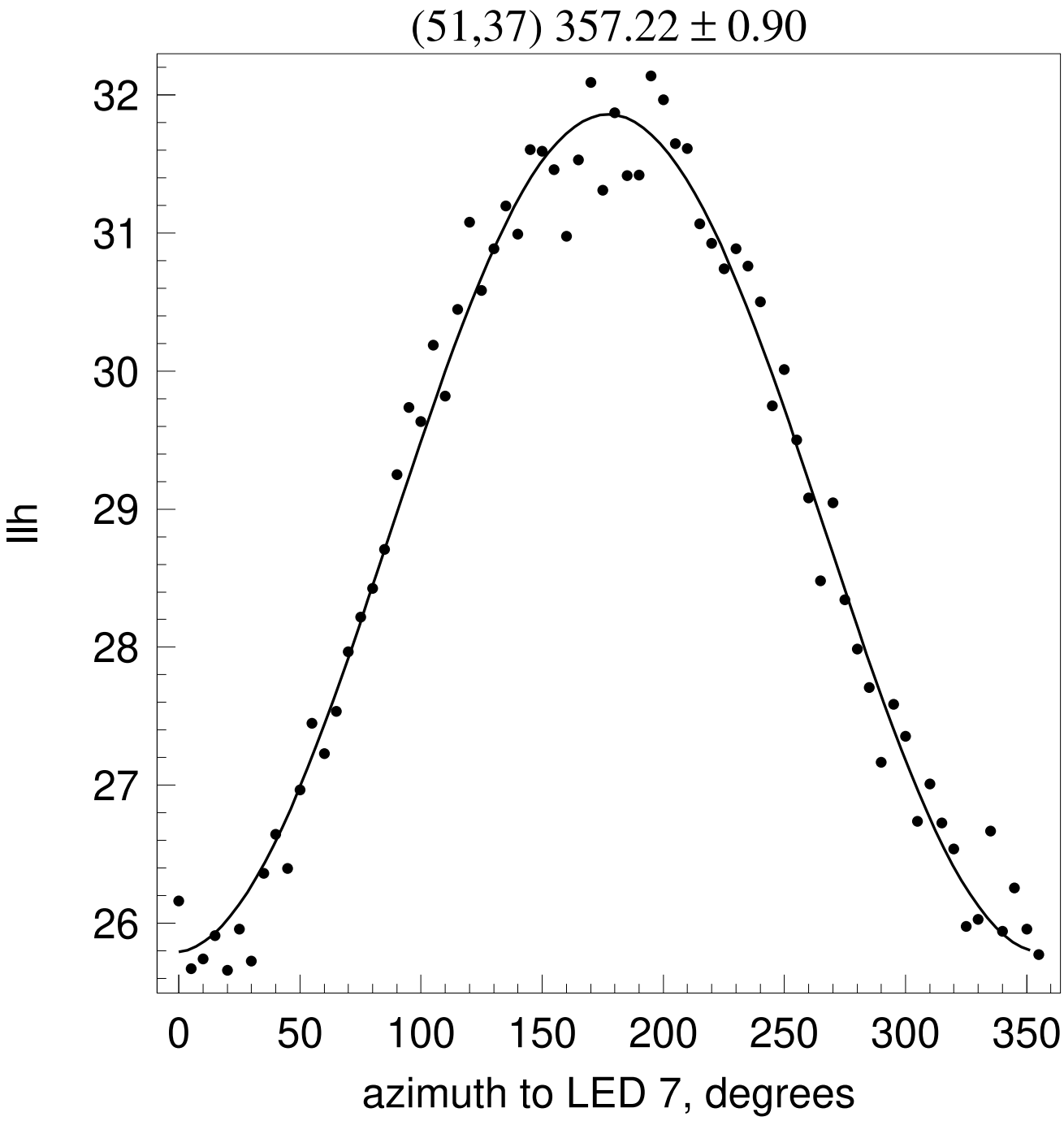

(51,32) 129.45 ± 0.30
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

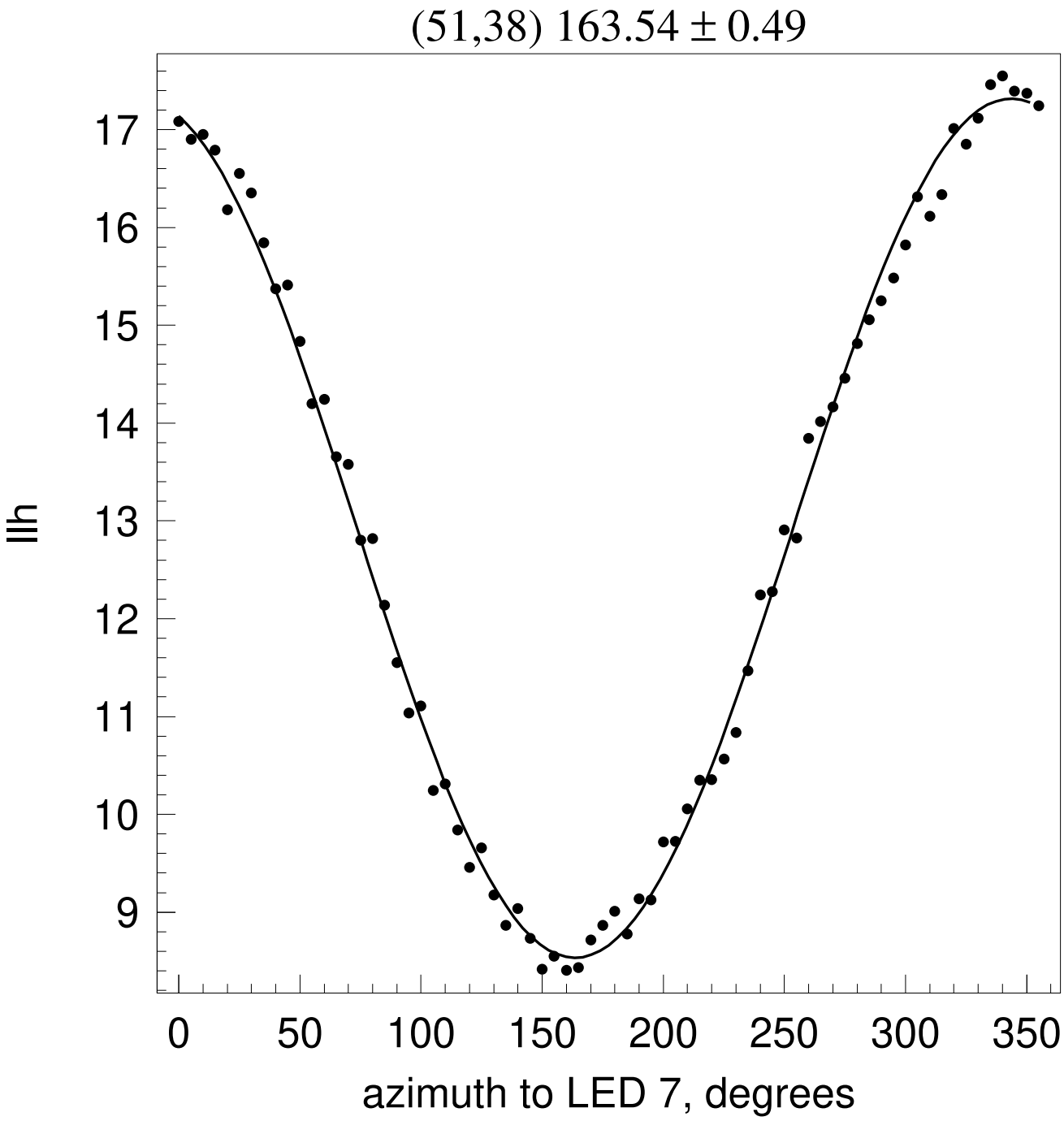

(51,33) 80.46 ± 0.78
32
31
30
29
28
27
26
25
24
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

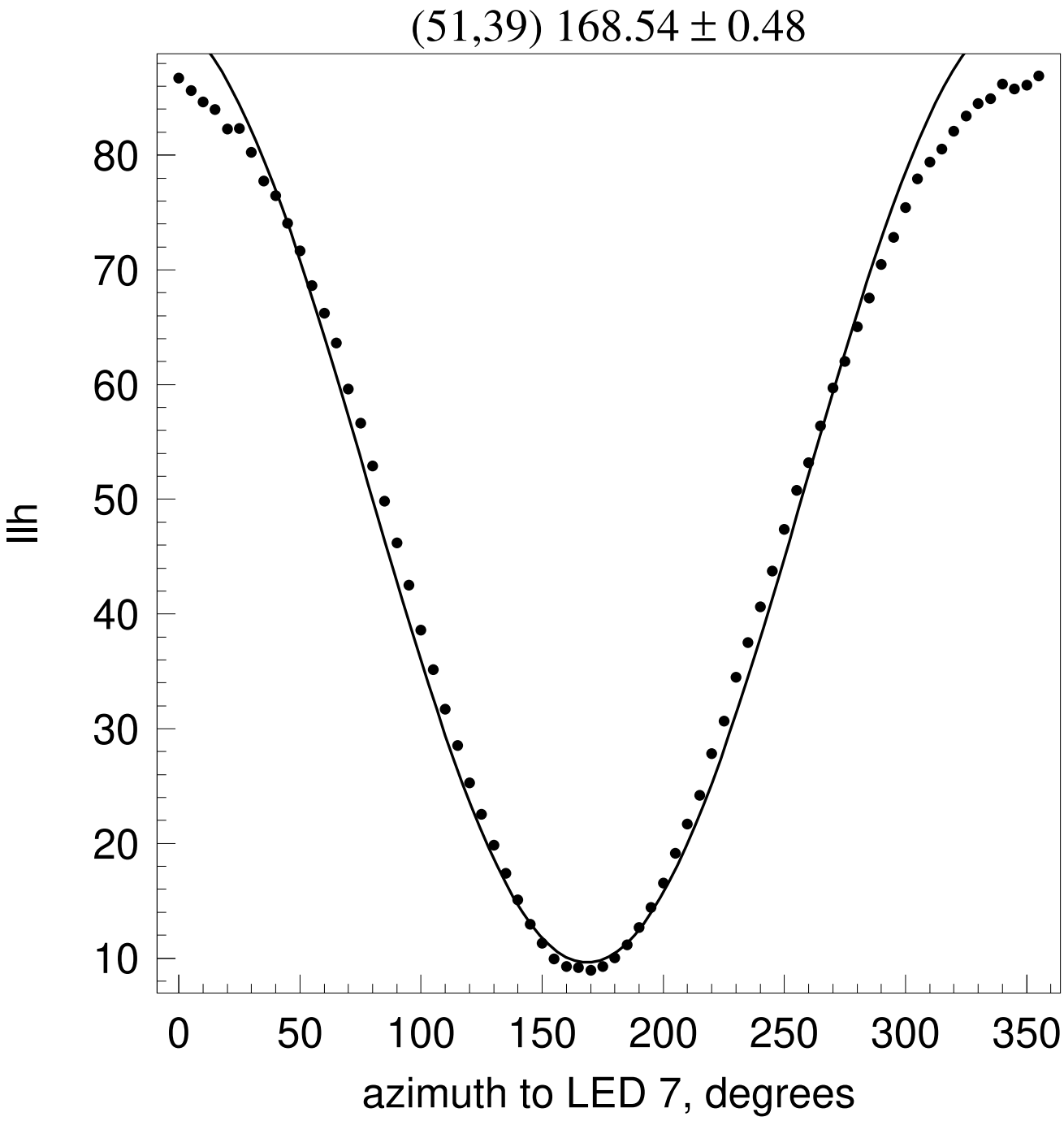

(51,34) 223.51 ± 1.14
45
44
43
42
41
40
39
38
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

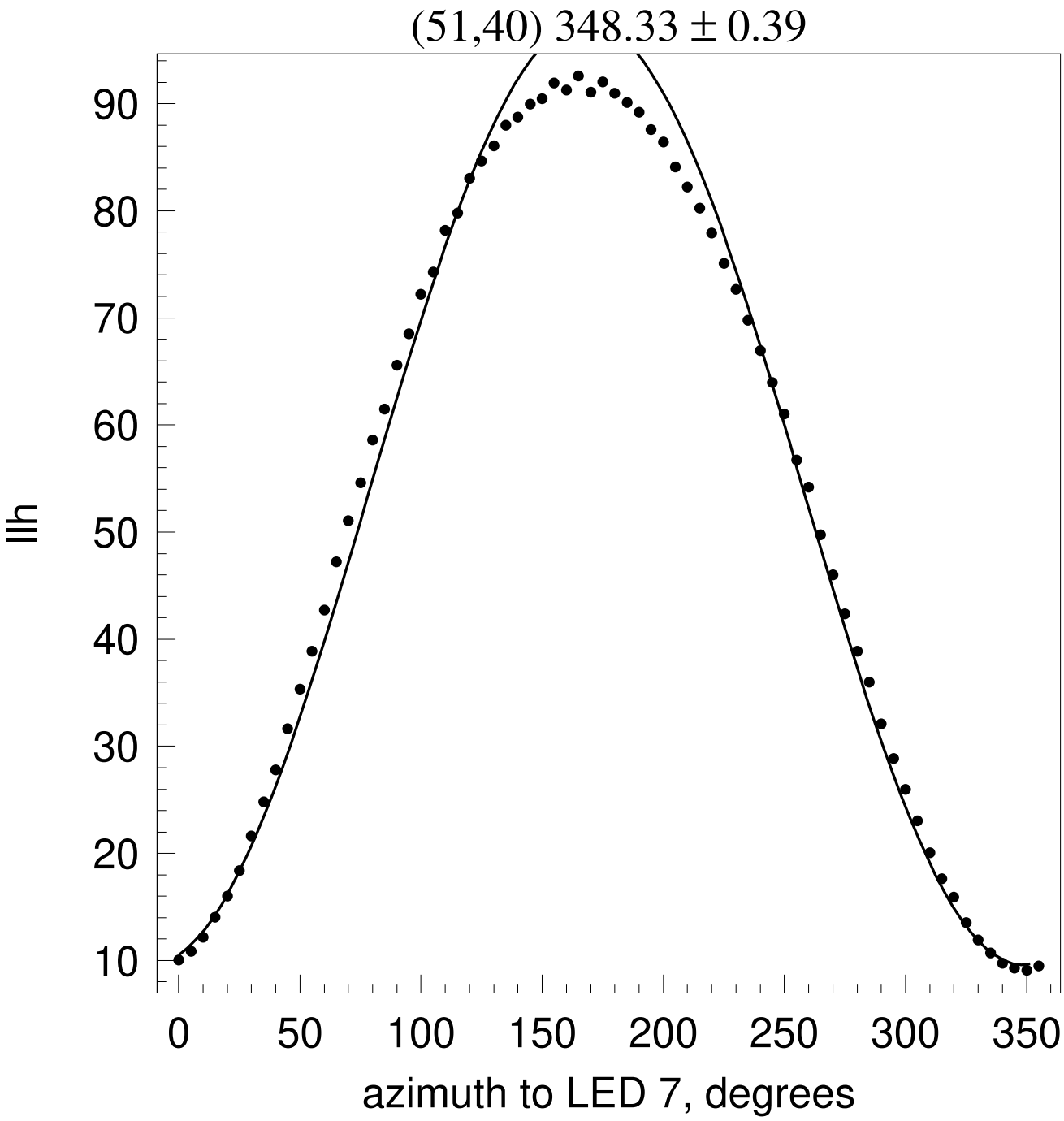

(51,35) 70.06 ± 45.09
45
44.5
44
43.5
43
42.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

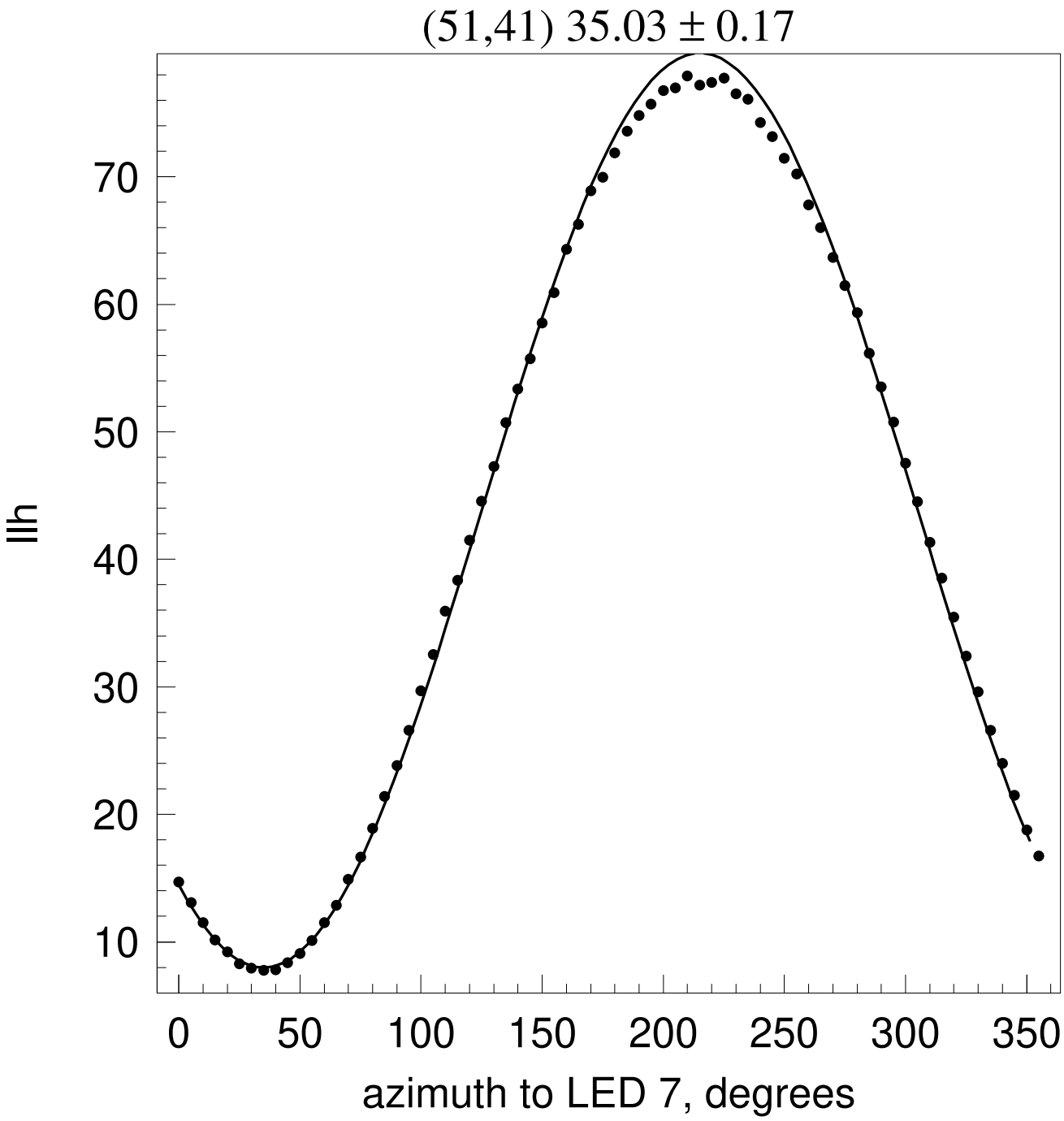

(51,36) 242.77 ± 13.17
31.5
31
30.5
30
29.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

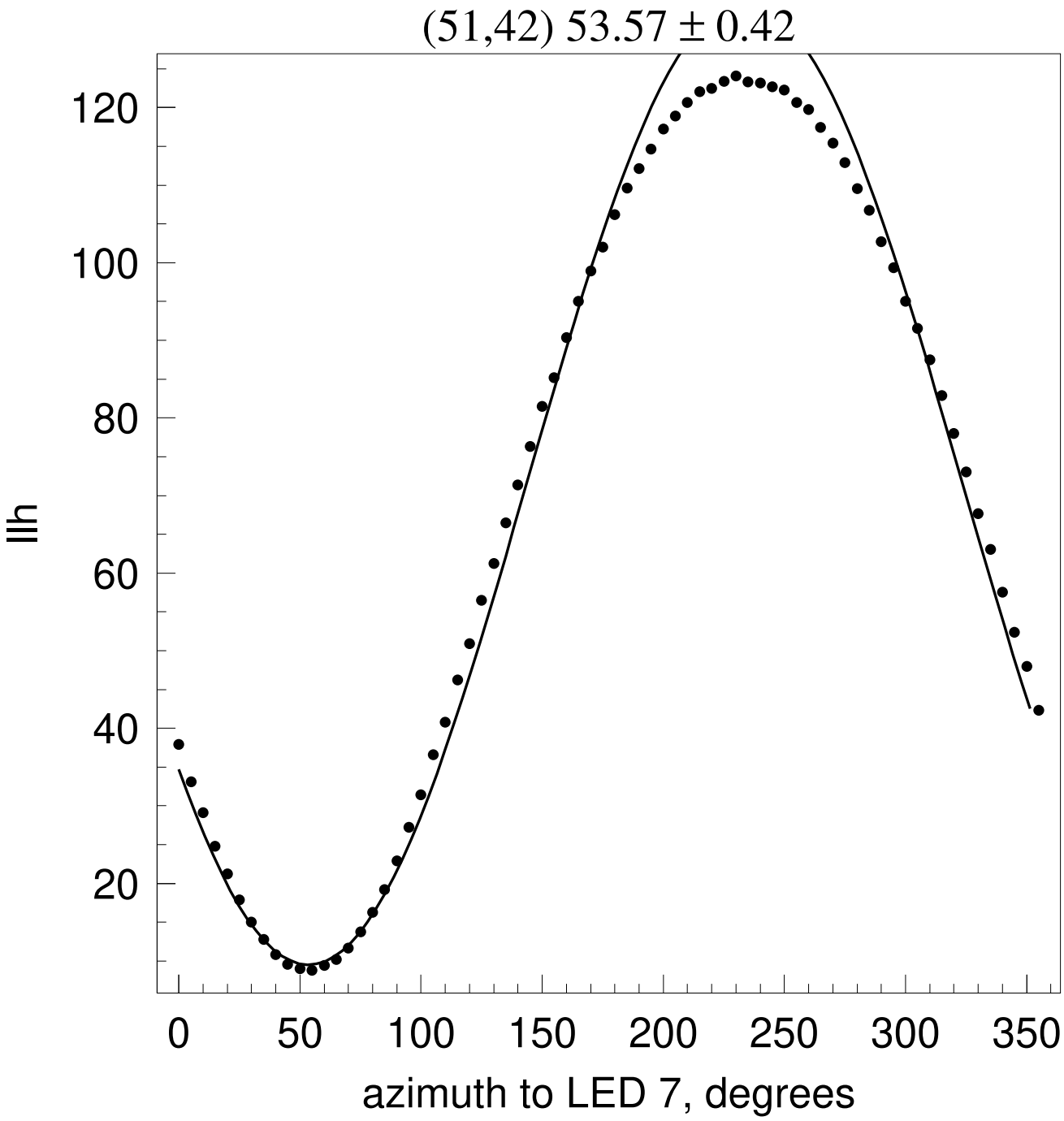

(51,37) 357.22 ± 0.90
32
31
30
29
28
27
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

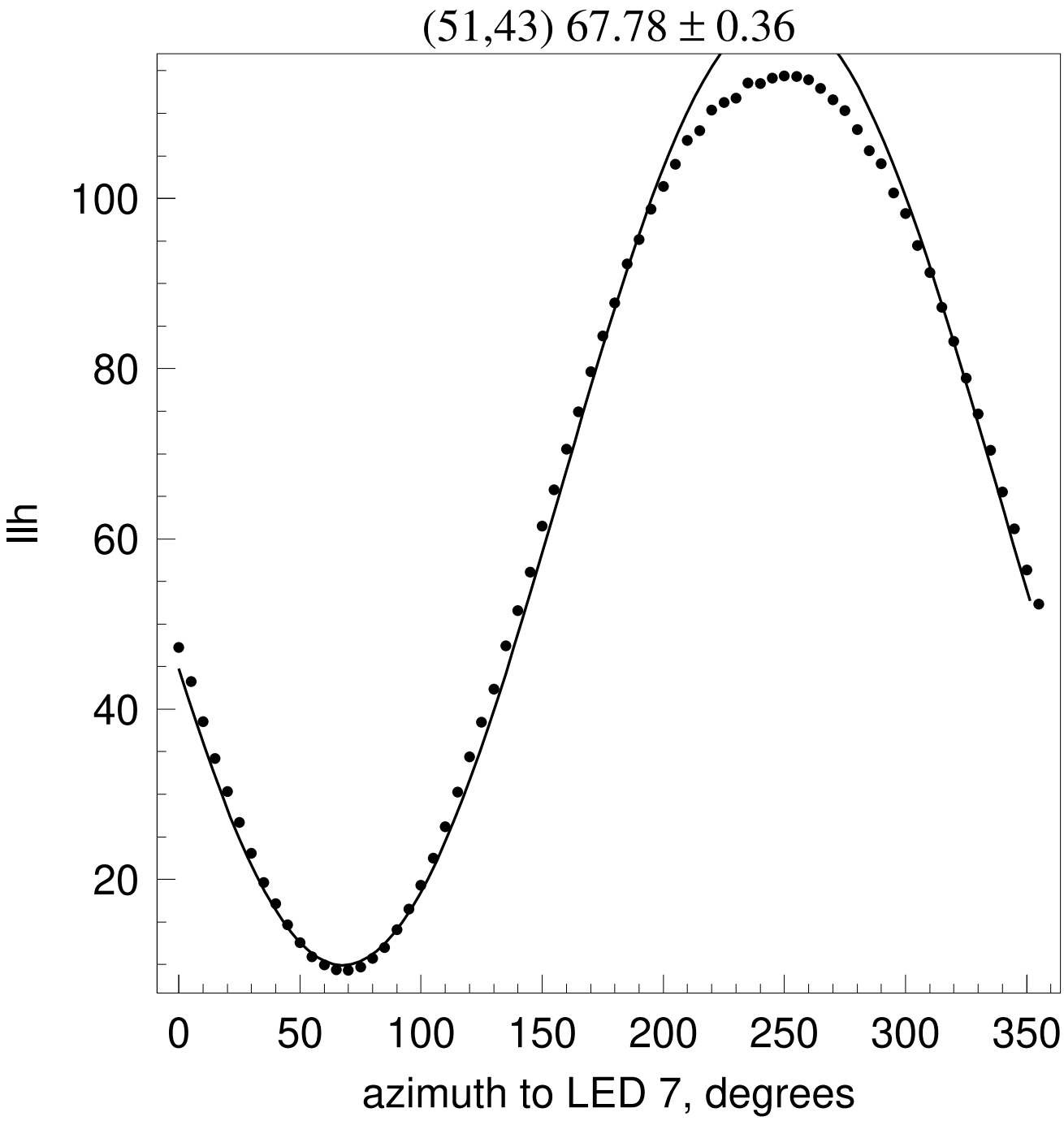

(51,38) 163.54 ± 0.49
17
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

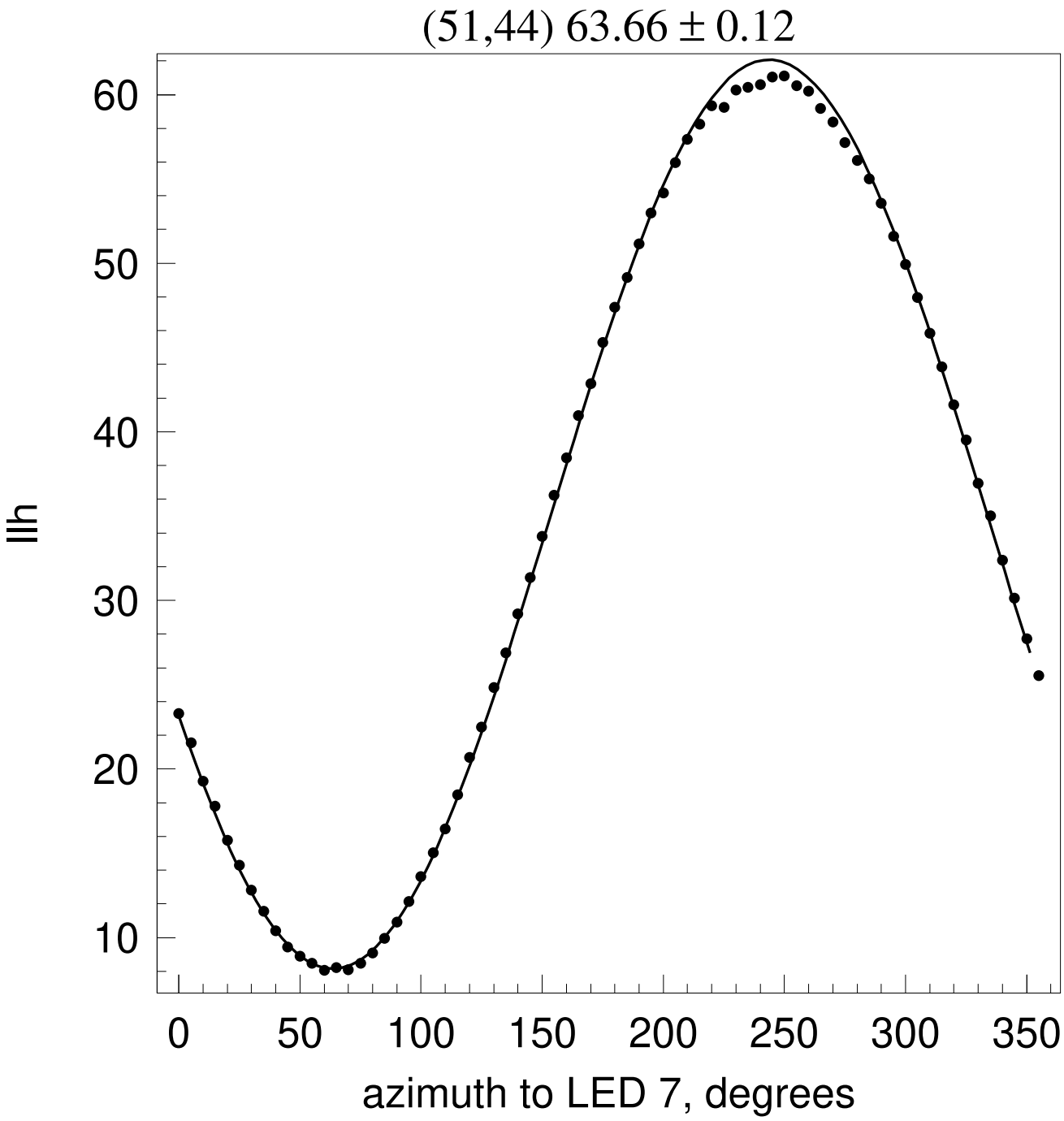

(51,39) 168.54 ± 0.48
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

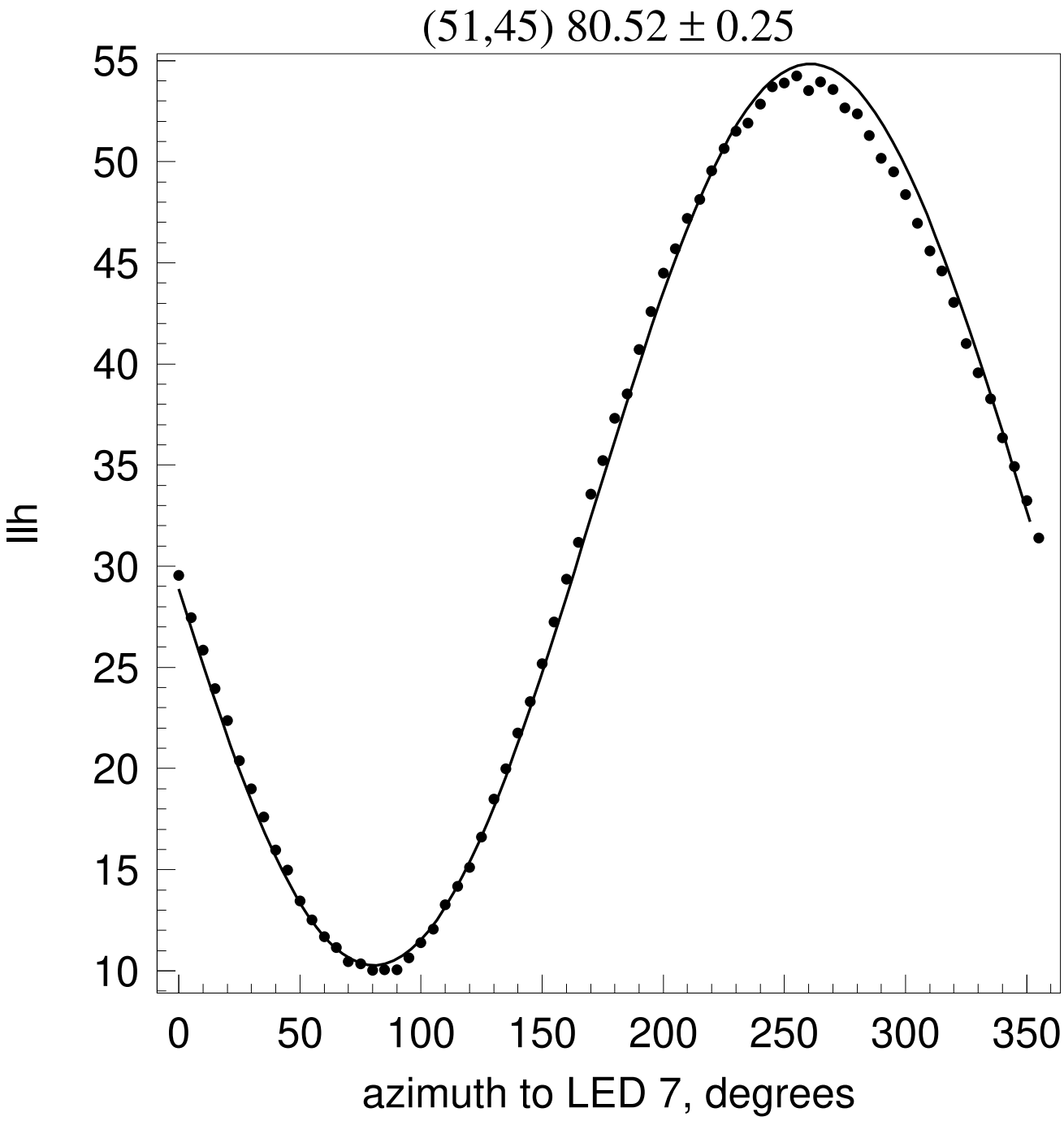

(51,40) 348.33 ± 0.39
90
80
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

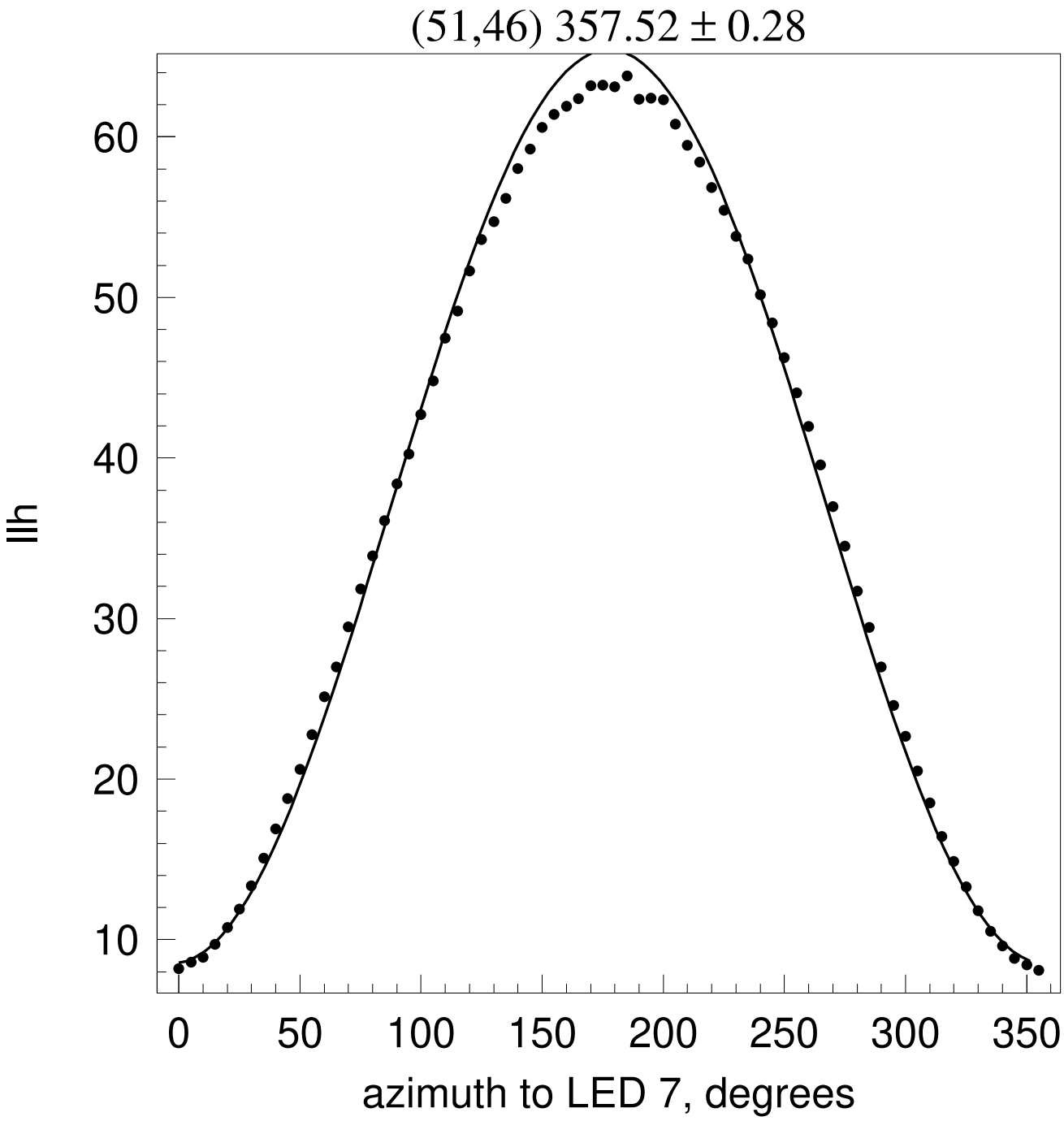

(51,41) 35.03 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

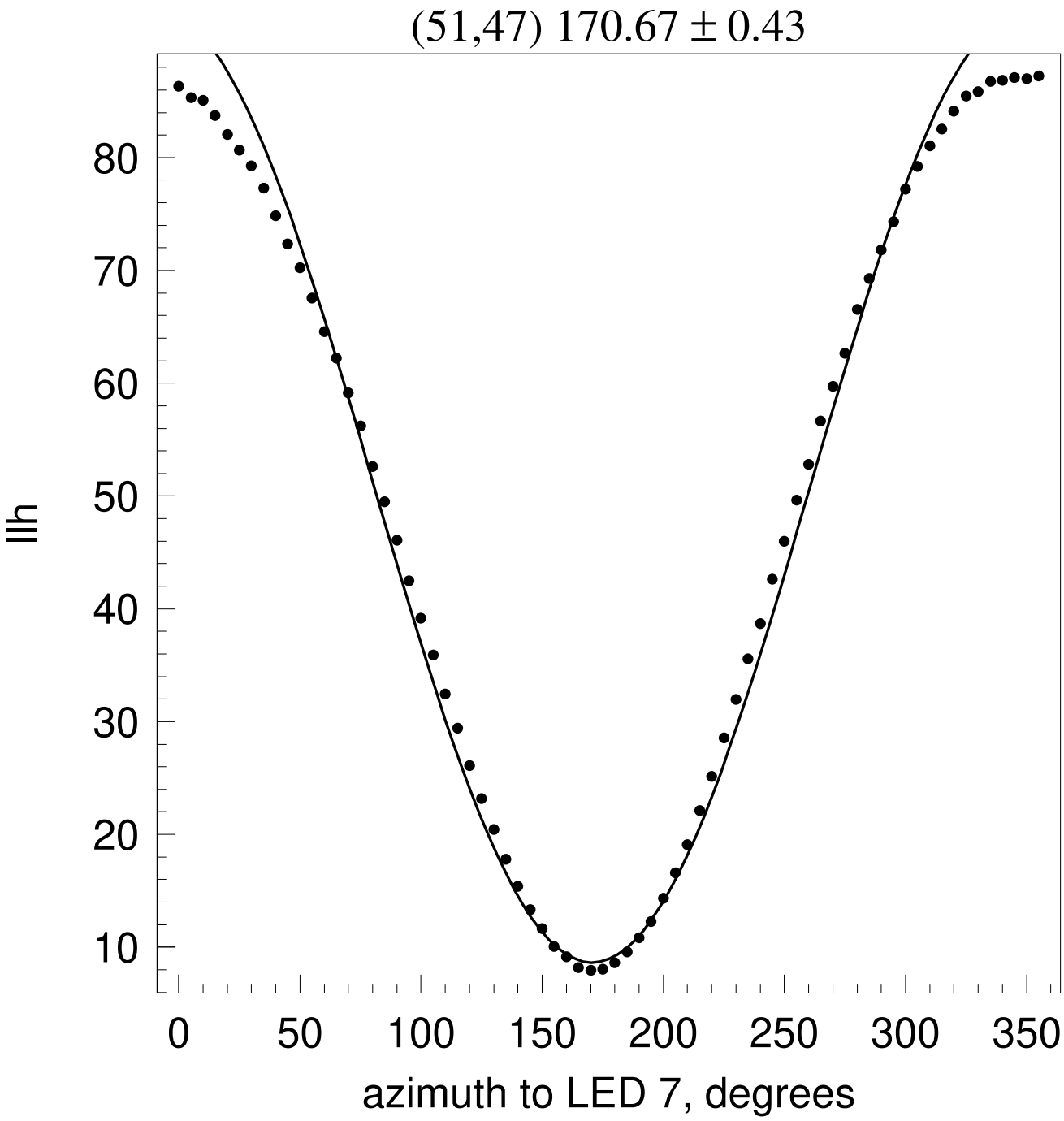

(51,42) 53.57 ± 0.42
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

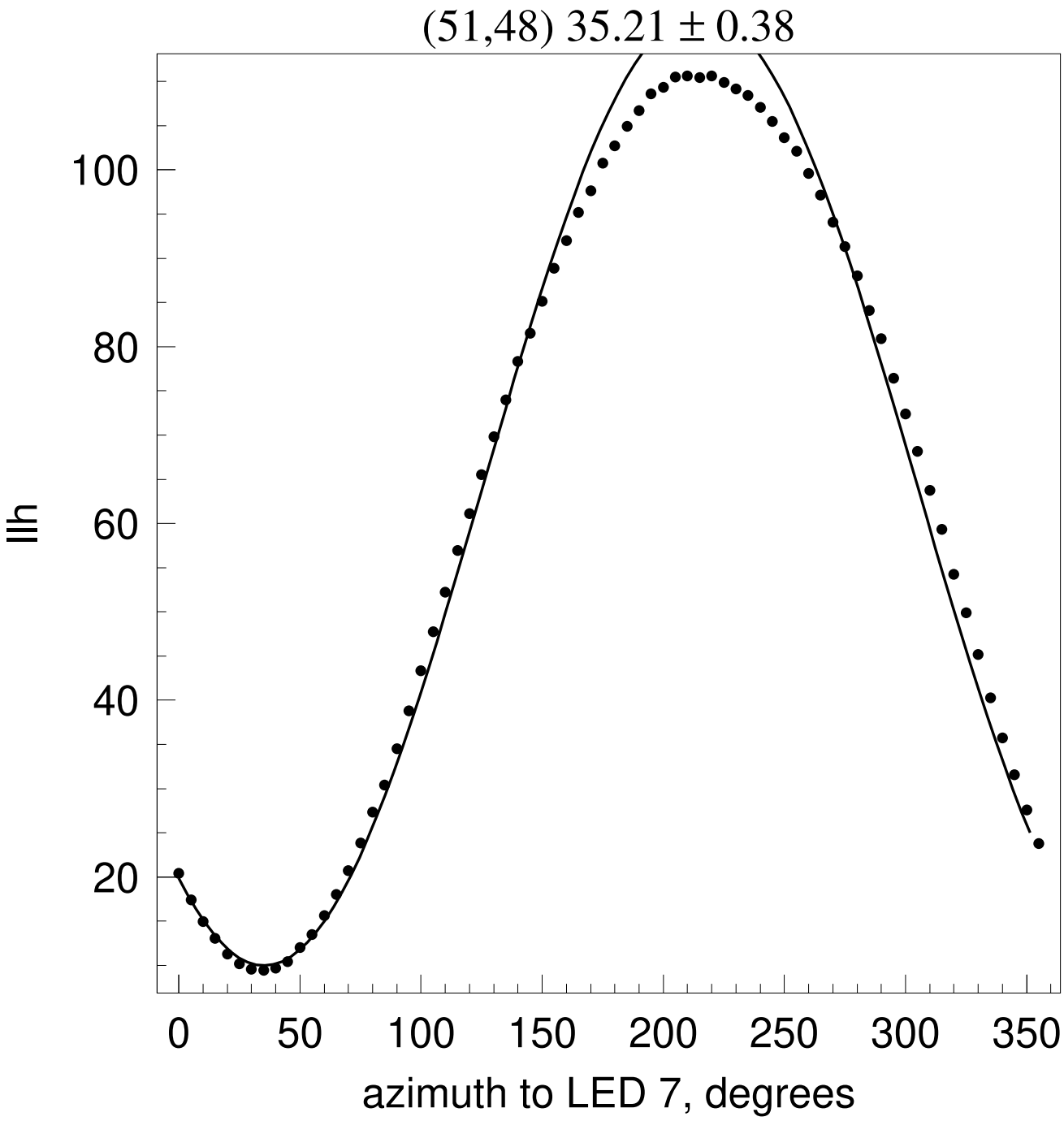

(51,43) 67.78 ± 0.36
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

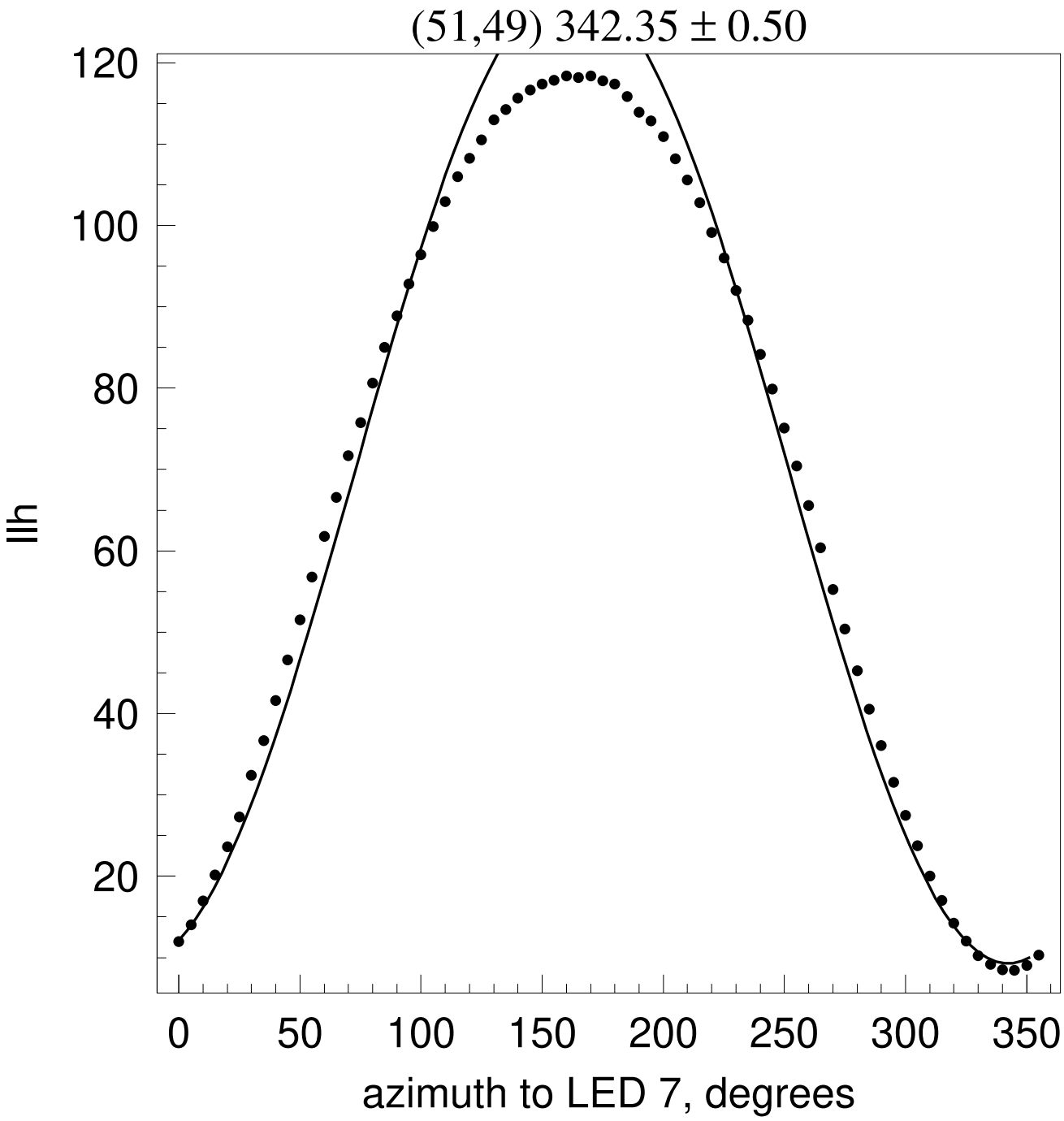

(51,44) 63.66 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

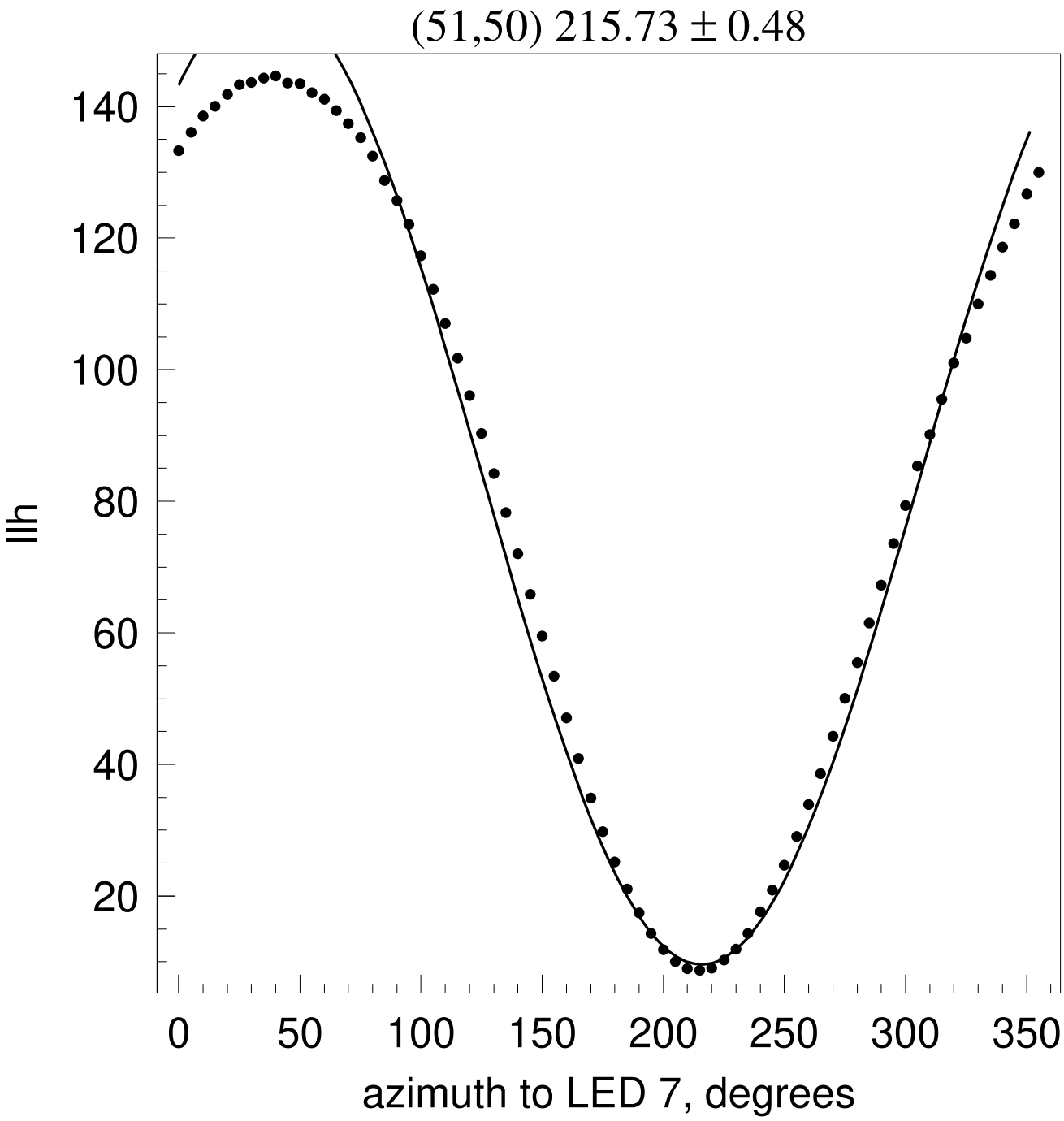

(51,45) 80.52 ± 0.25
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

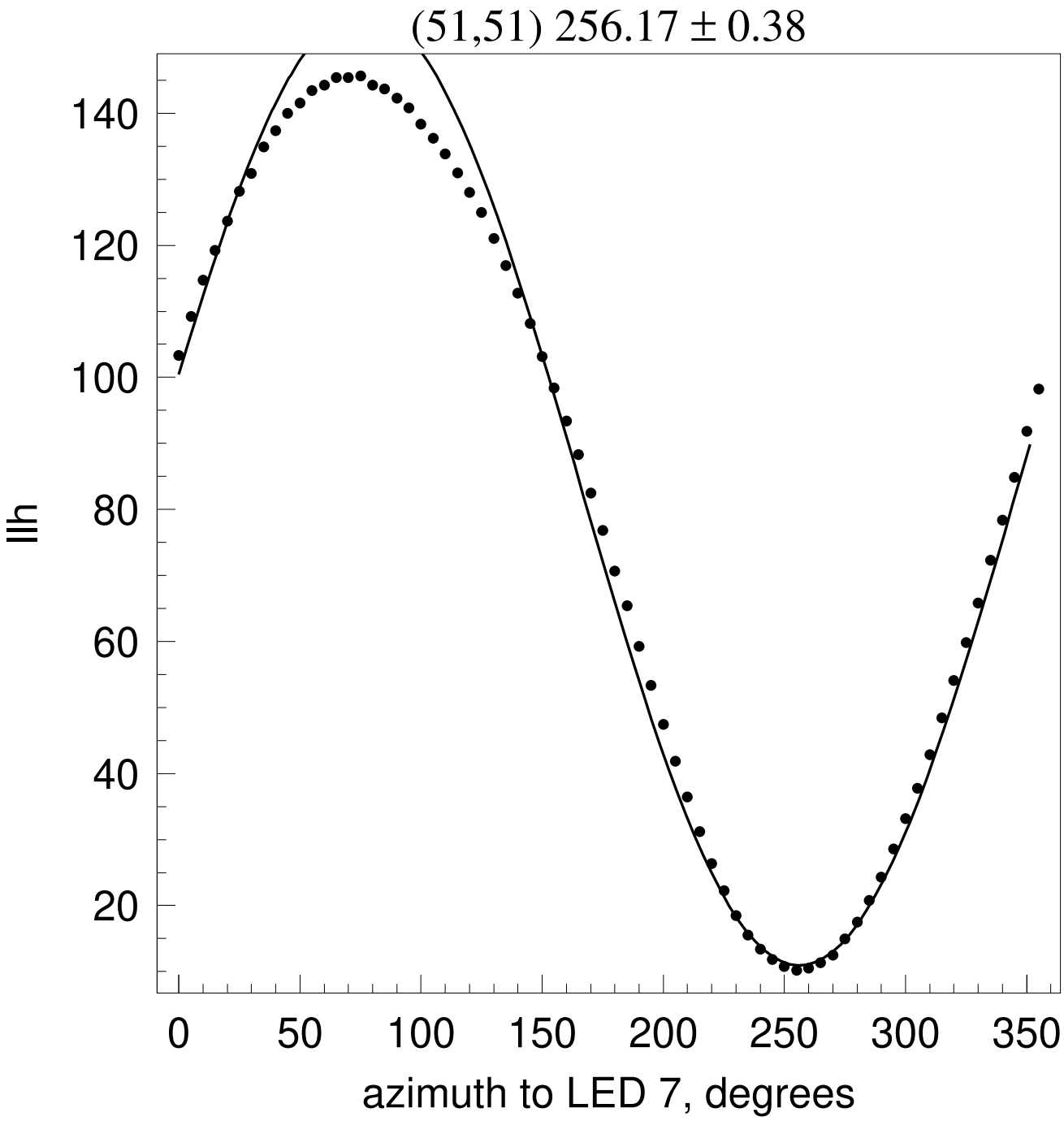

(51,46) 357.52 ± 0.28
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

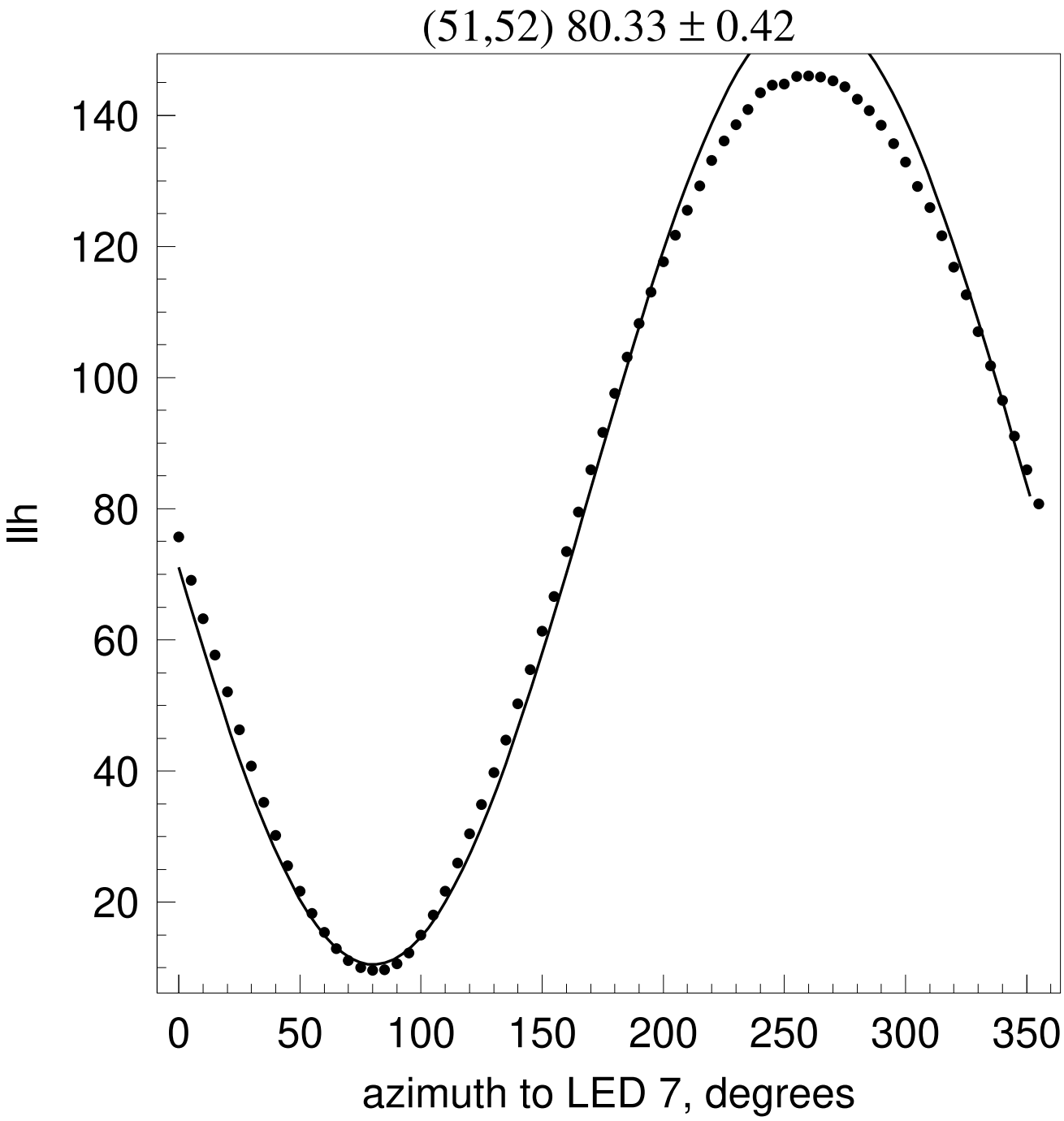

(51,47) 170.67 ± 0.43
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

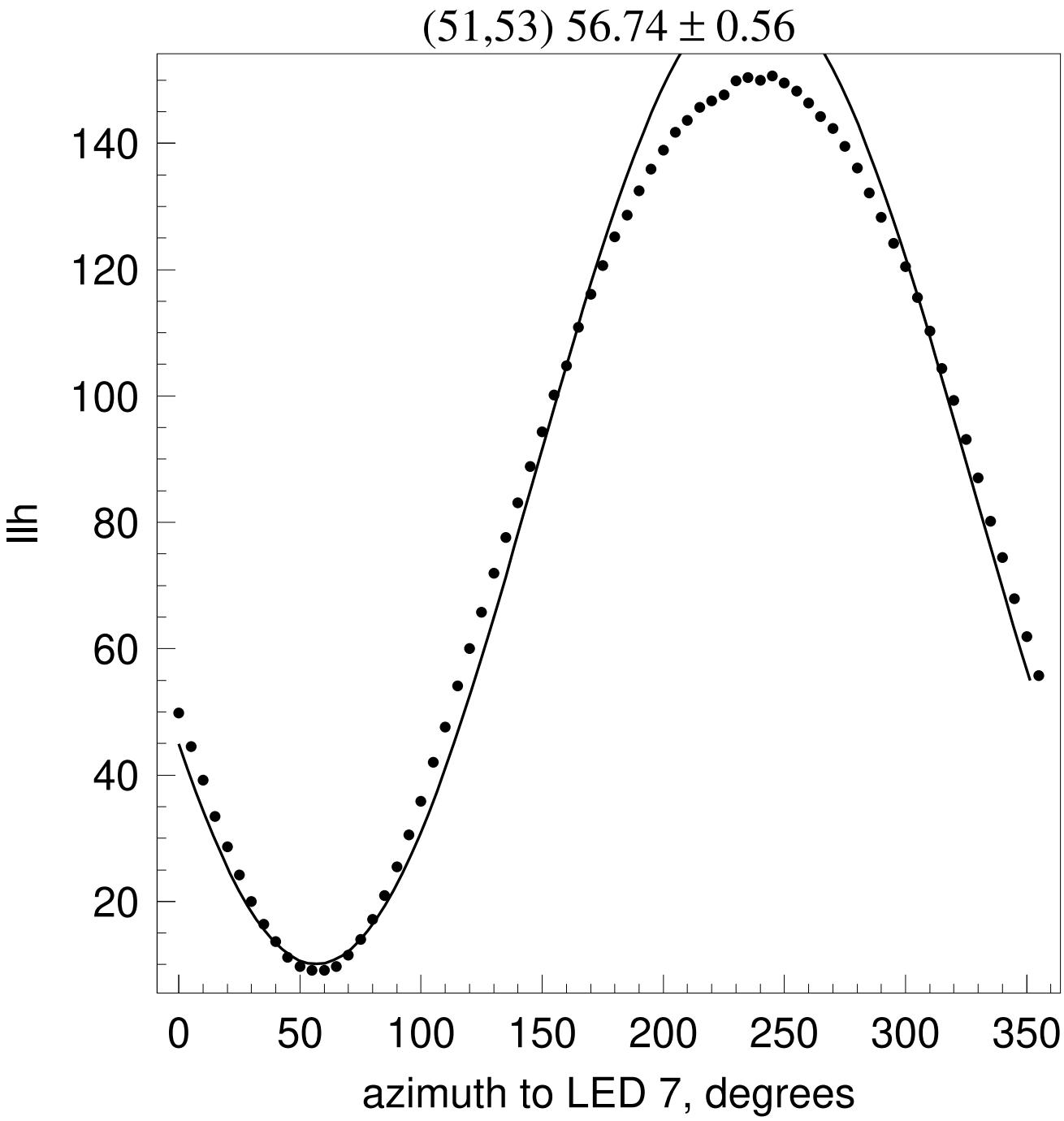

(51,48) 35.21 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

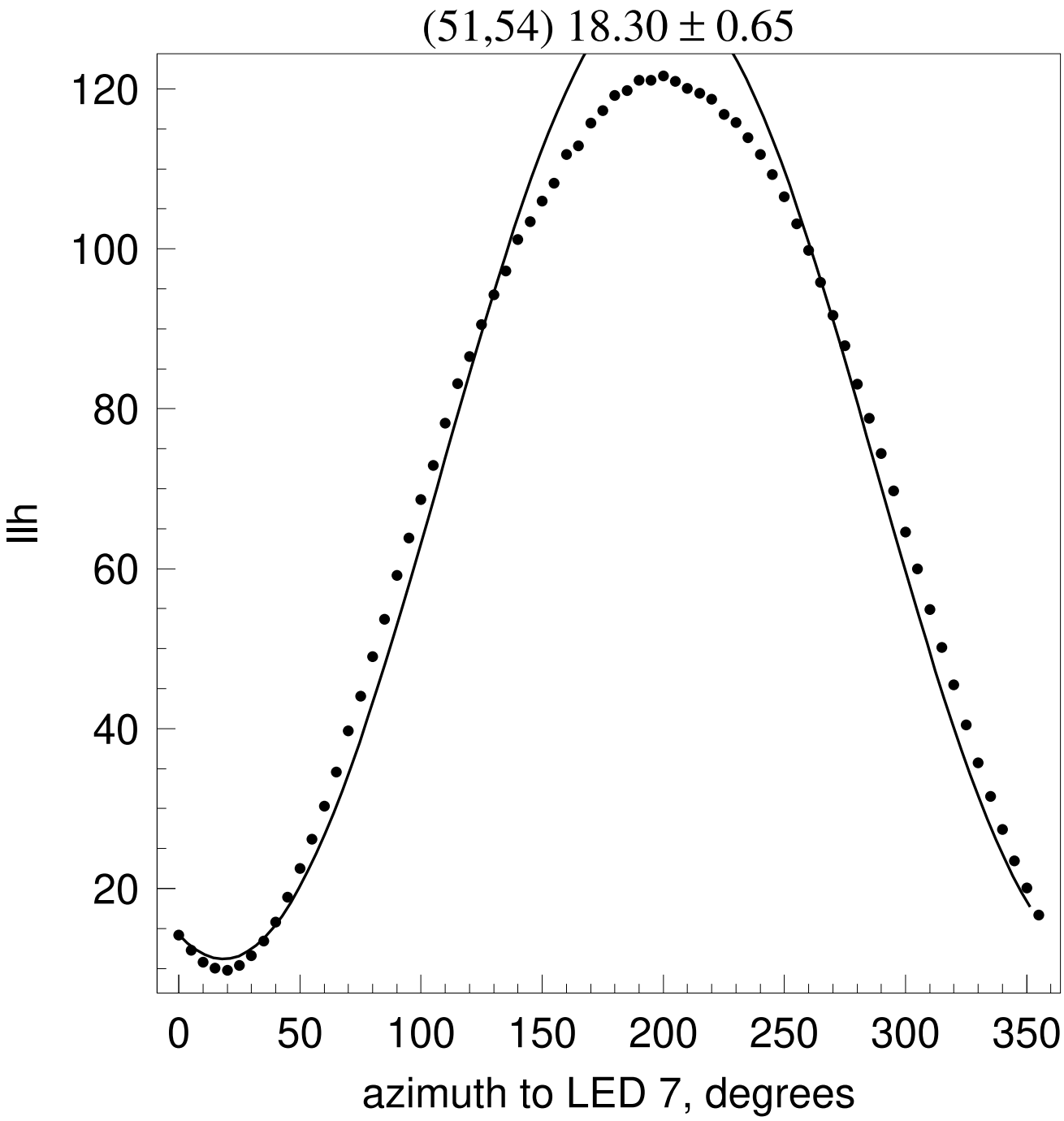

(51,49) 342.35 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

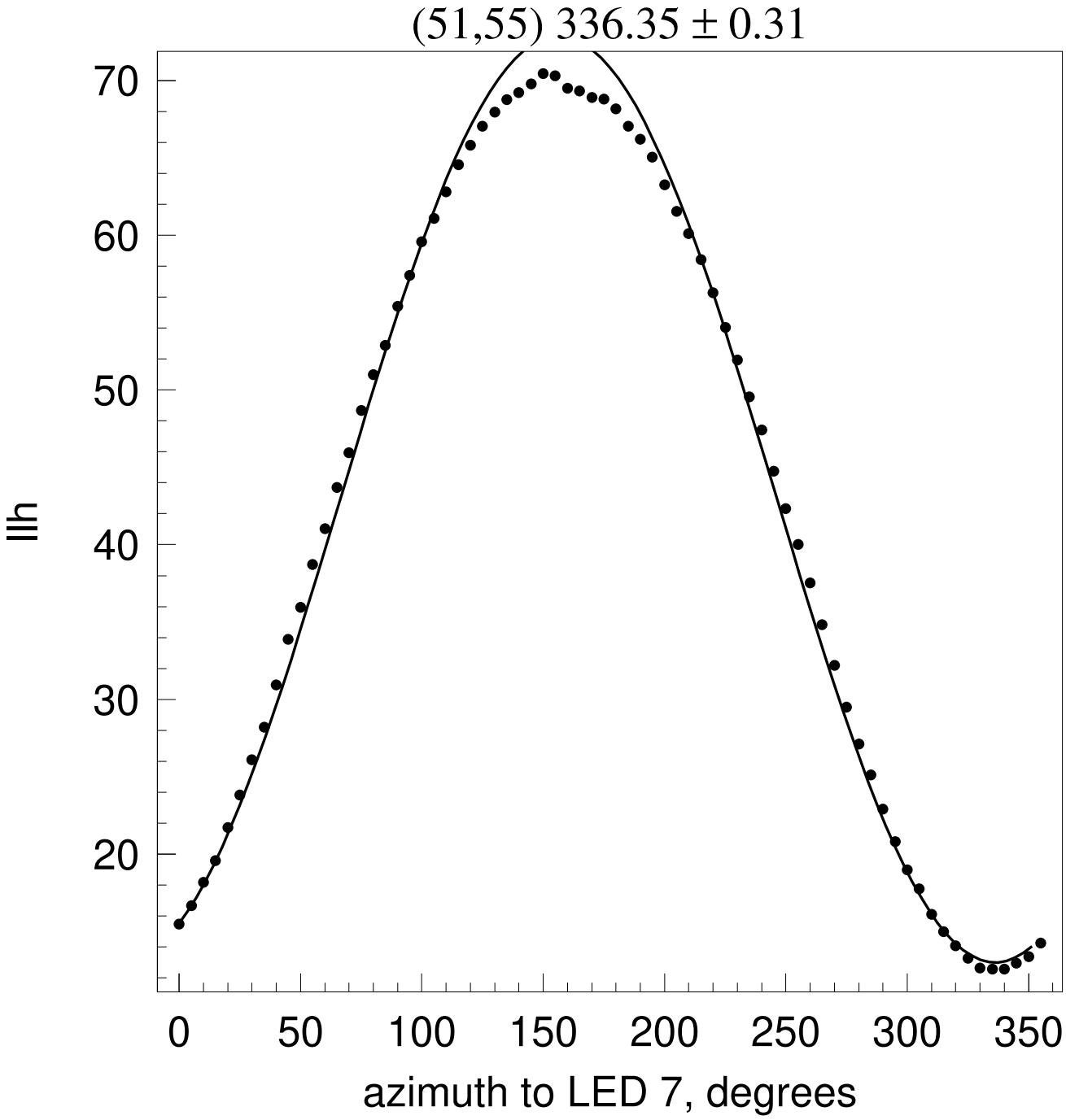

(51,50) 215.73 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

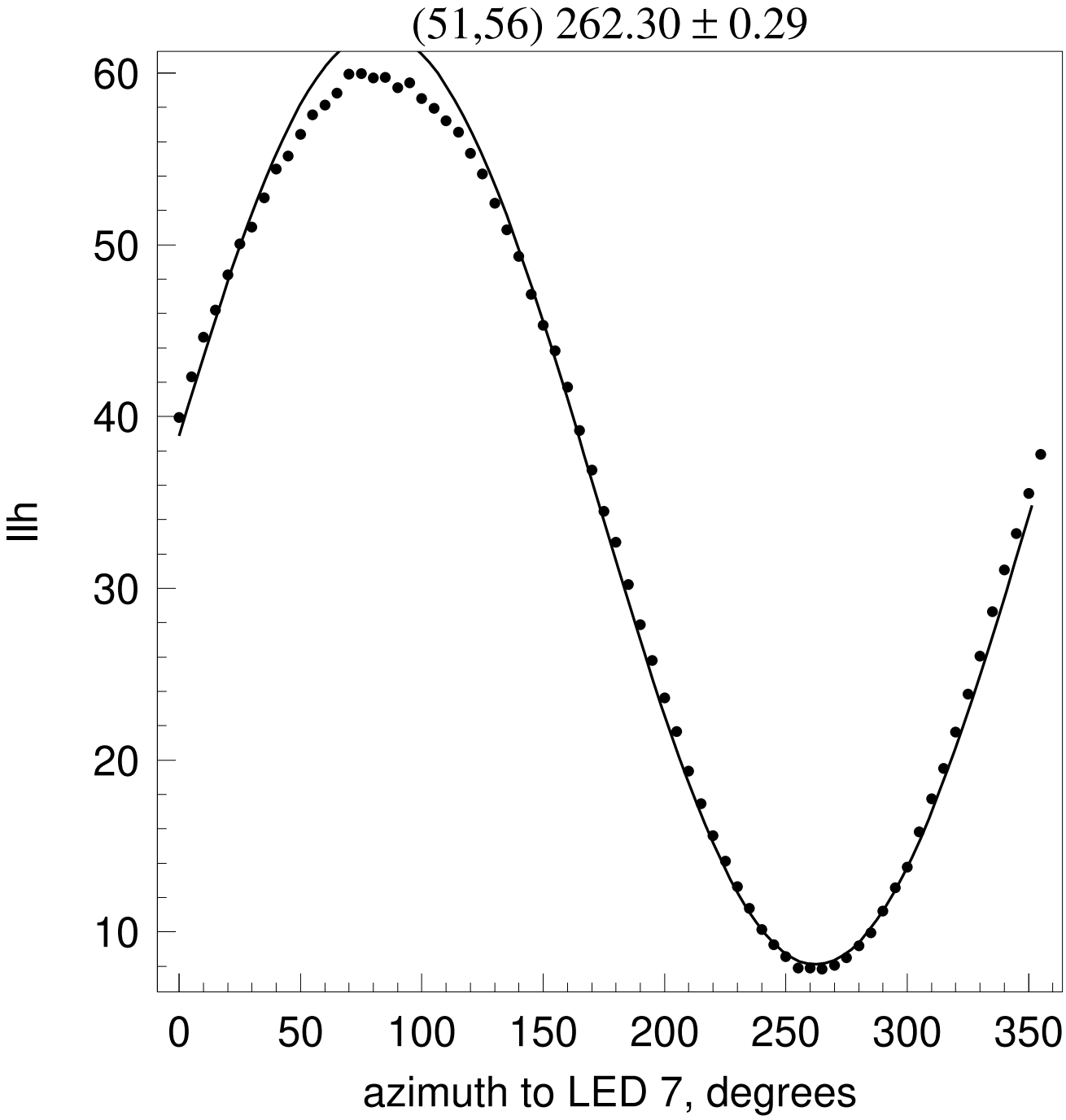

(51,51) 256.17 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

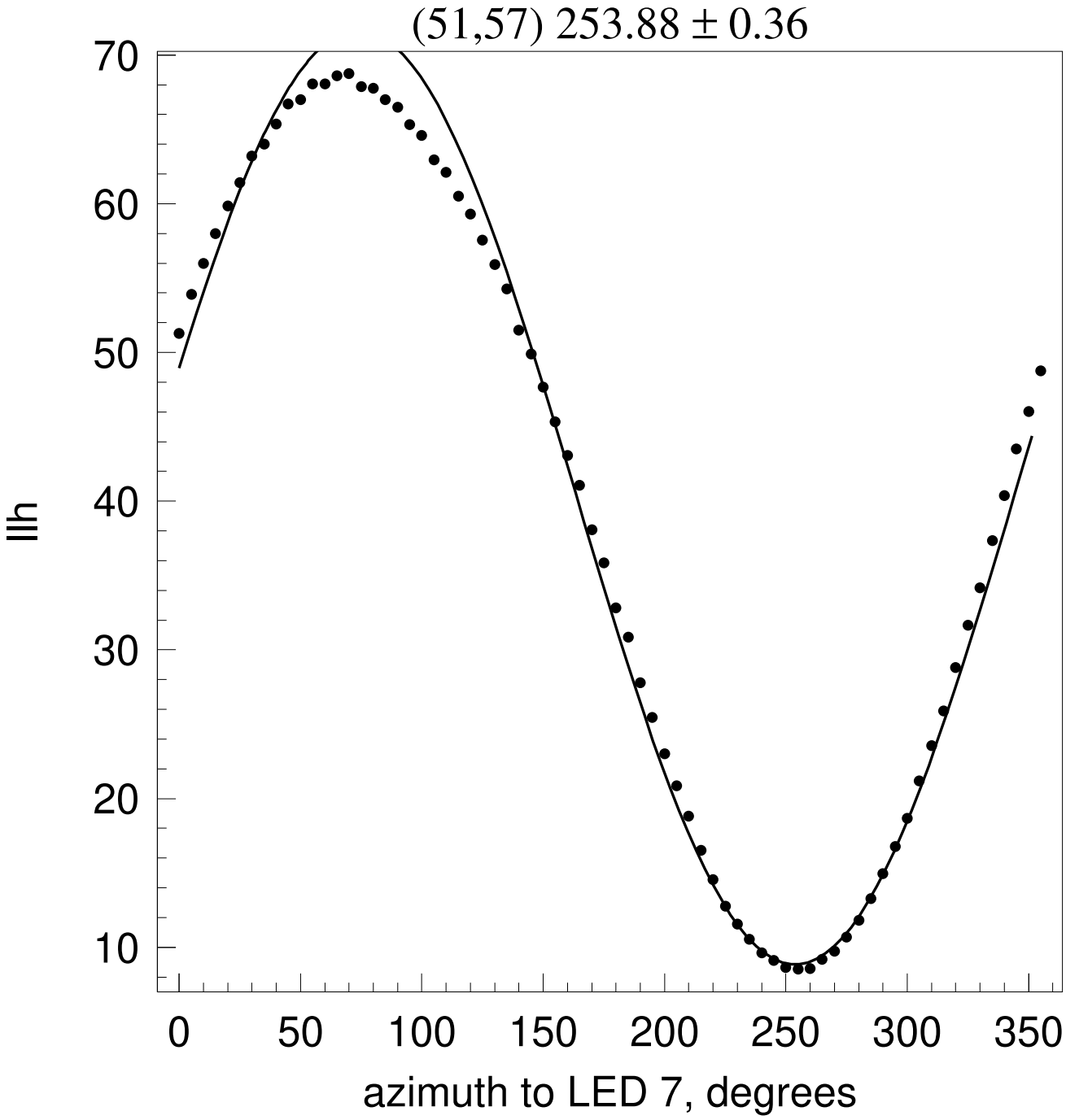

(51,52) 80.33 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

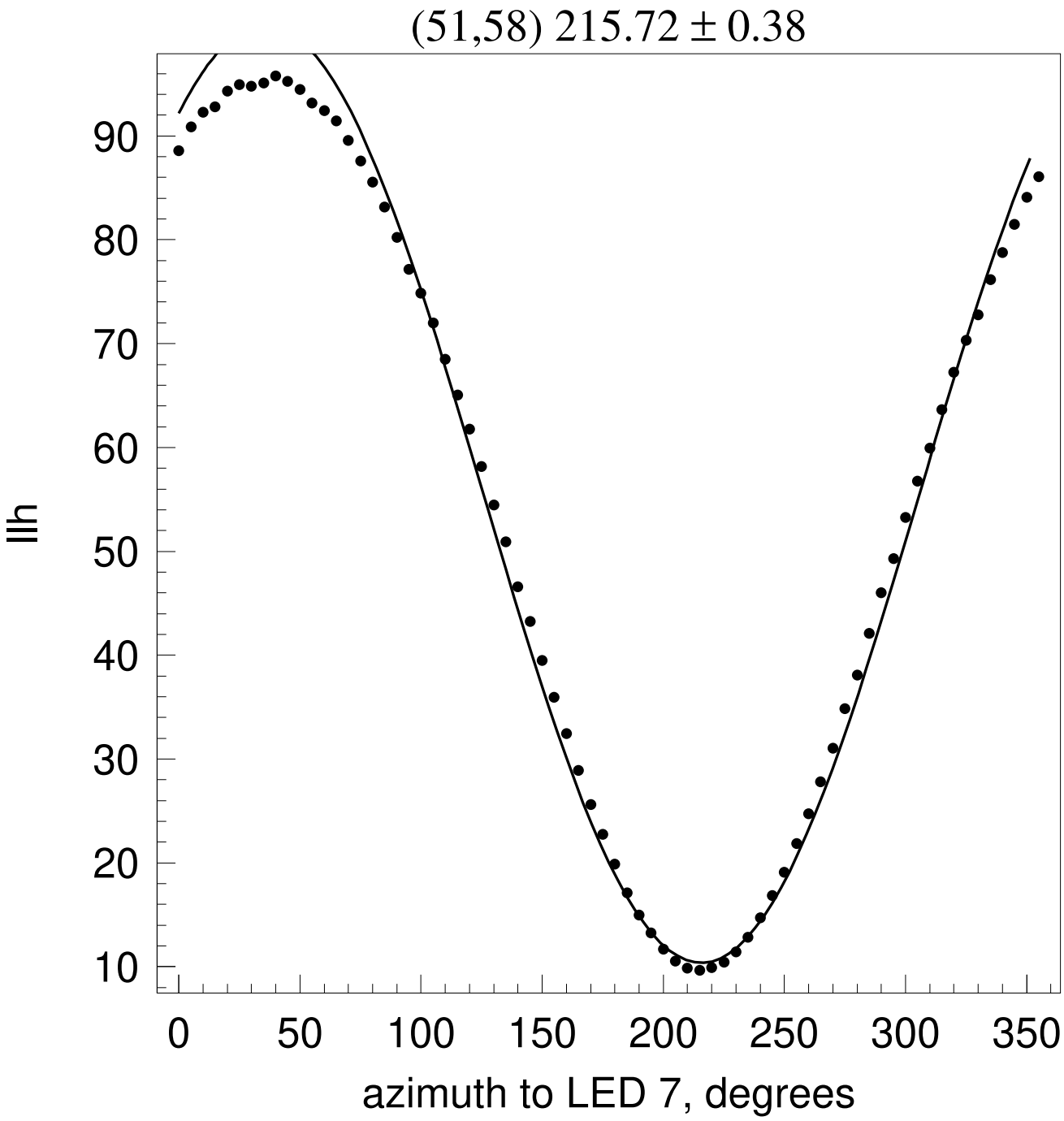

(51,53) 56.74 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

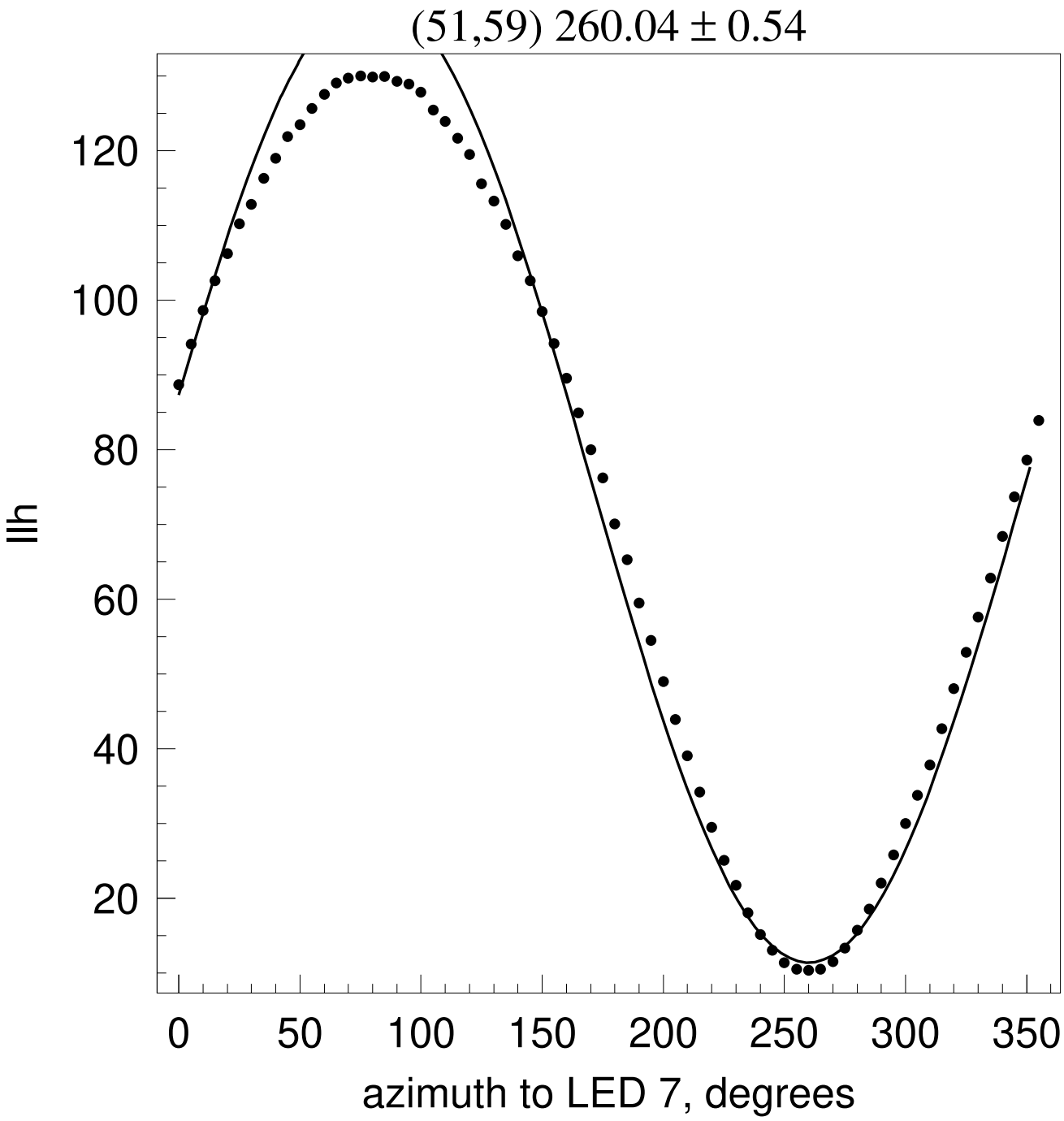

(51,54) 18.30 ± 0.65
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

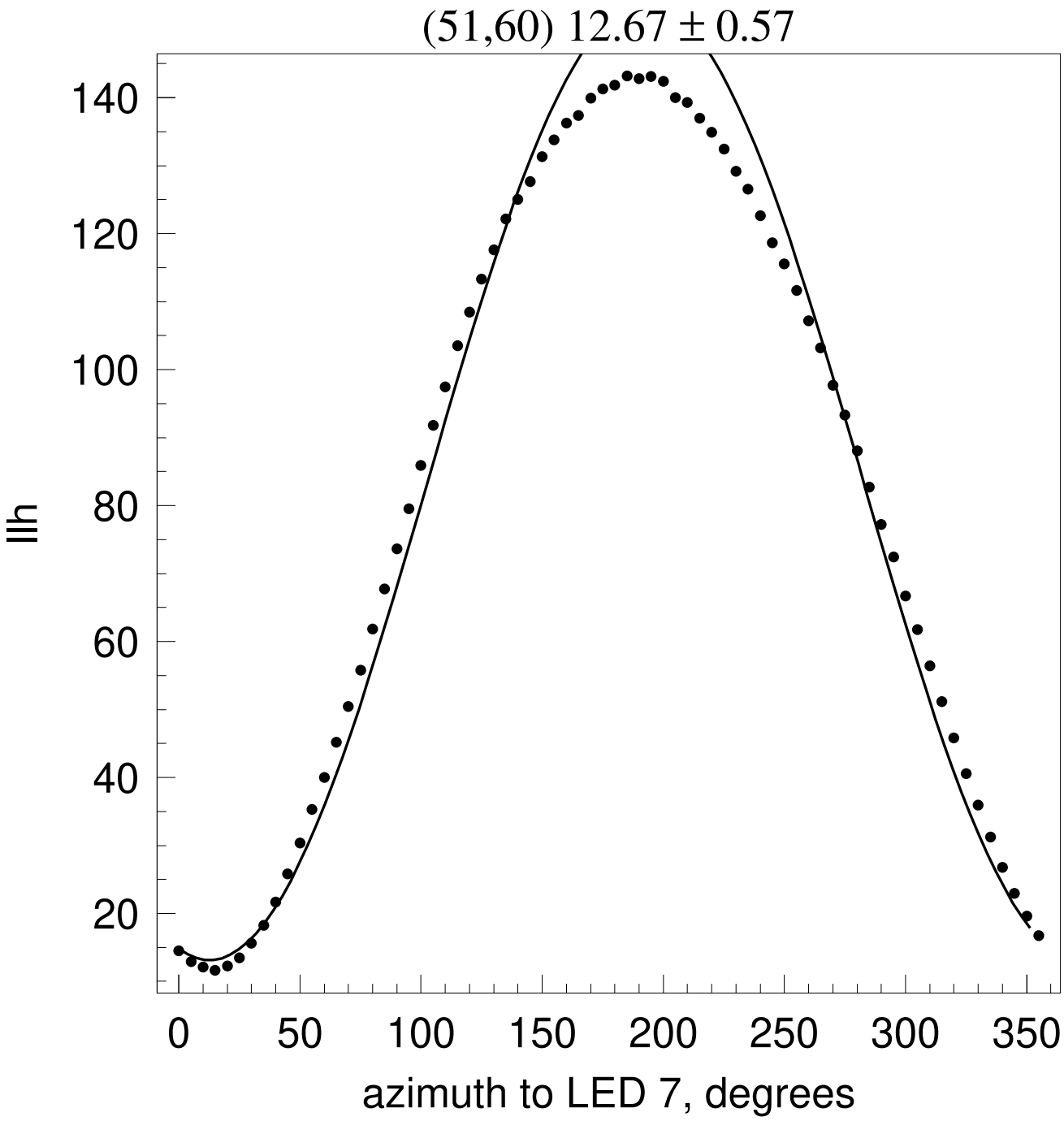

(51,55) 336.35 ± 0.31
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

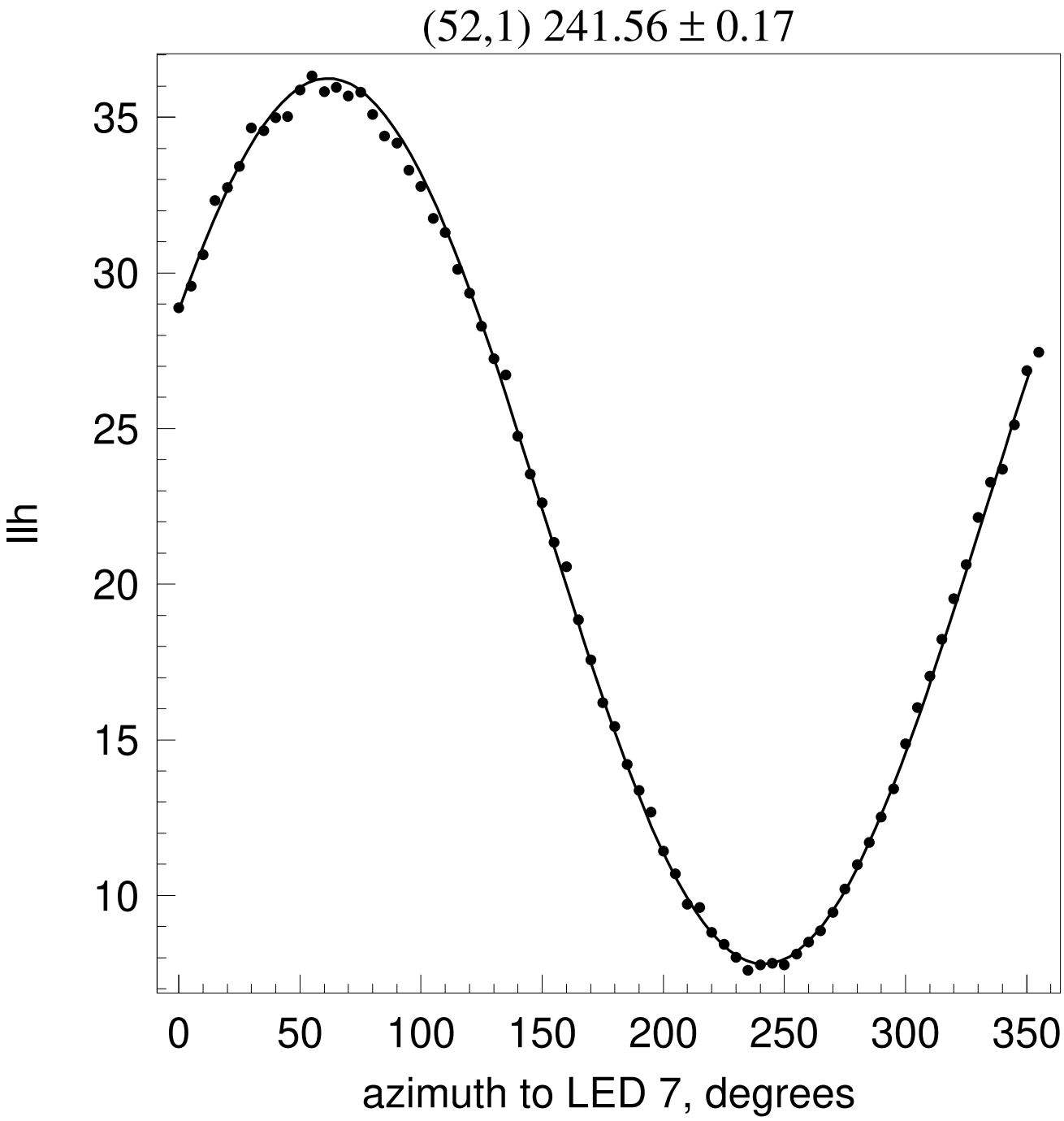

(51,56) 262.30 ± 0.29
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

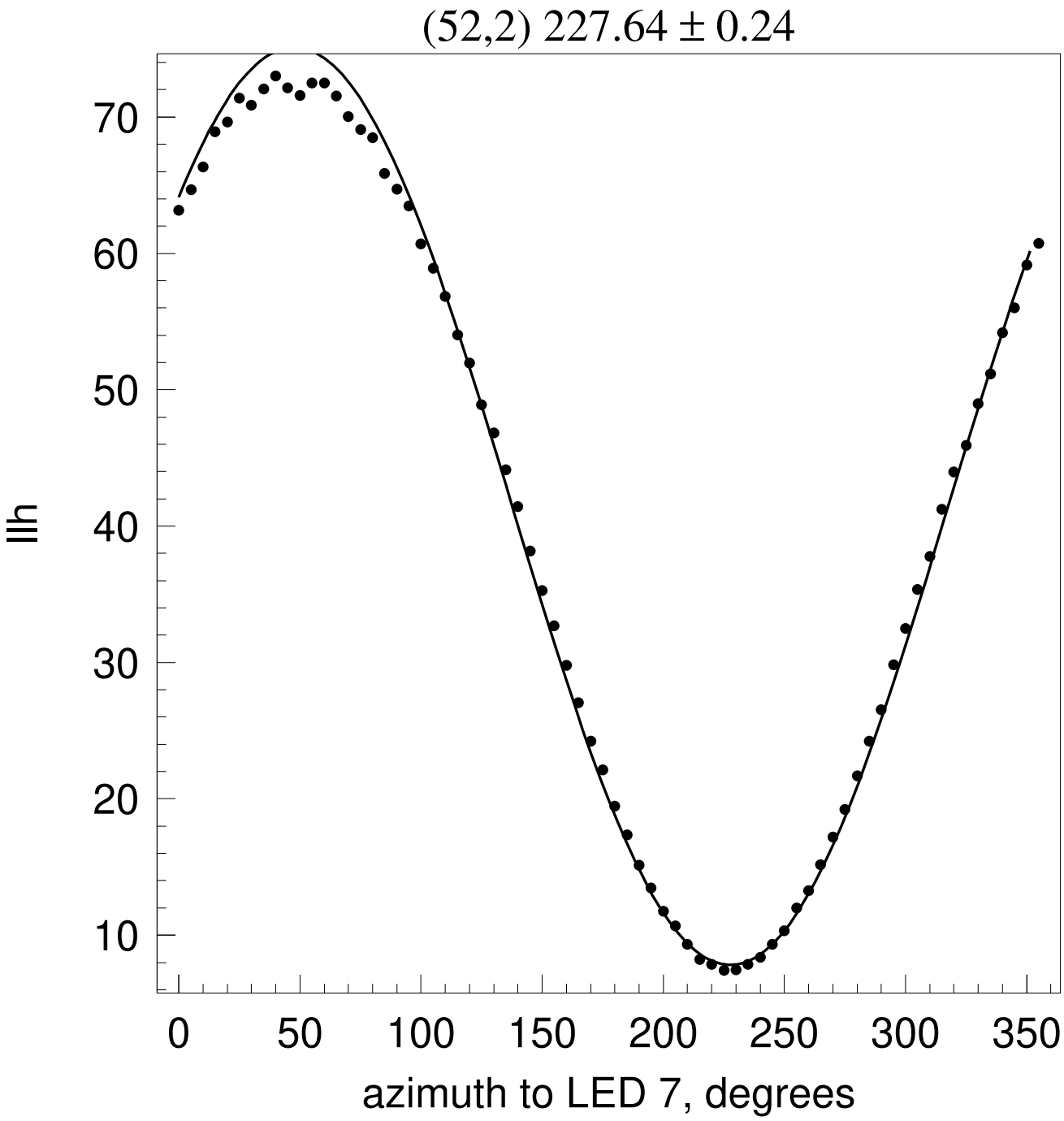

(51,57) 253.88 ± 0.36
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

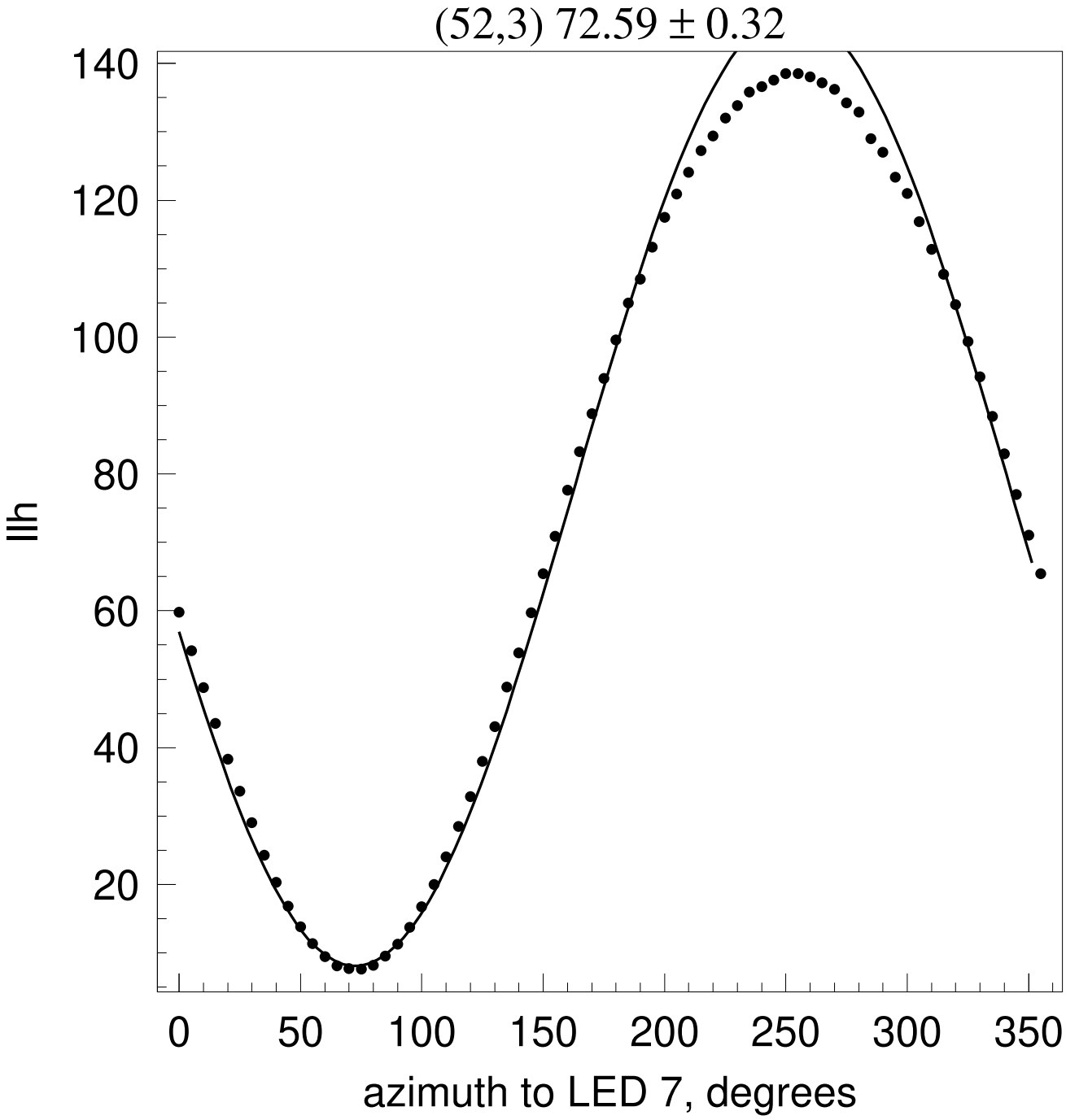

(51,58) 215.72 ± 0.38
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

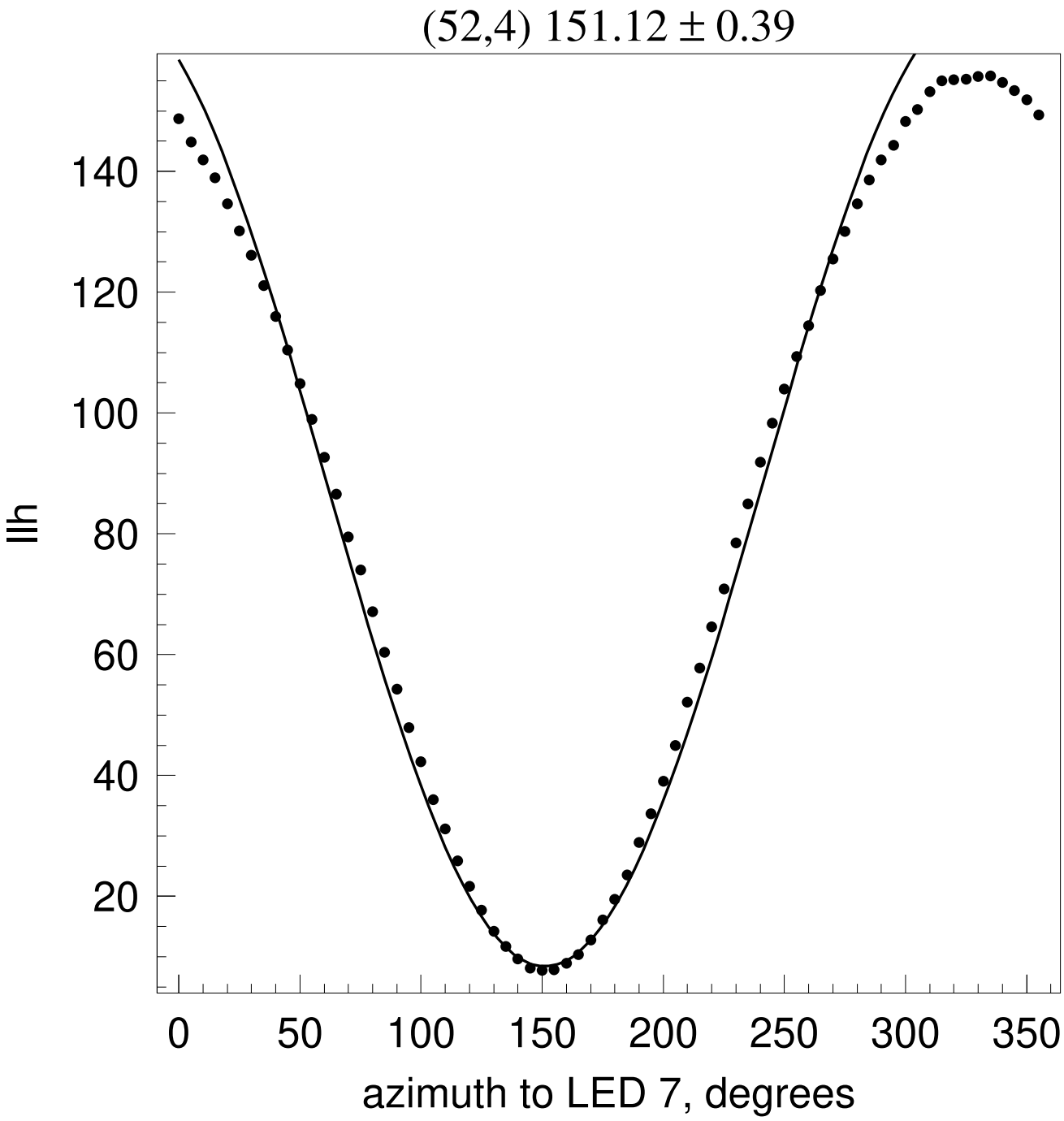

(51,59) 260.04 ± 0.54
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

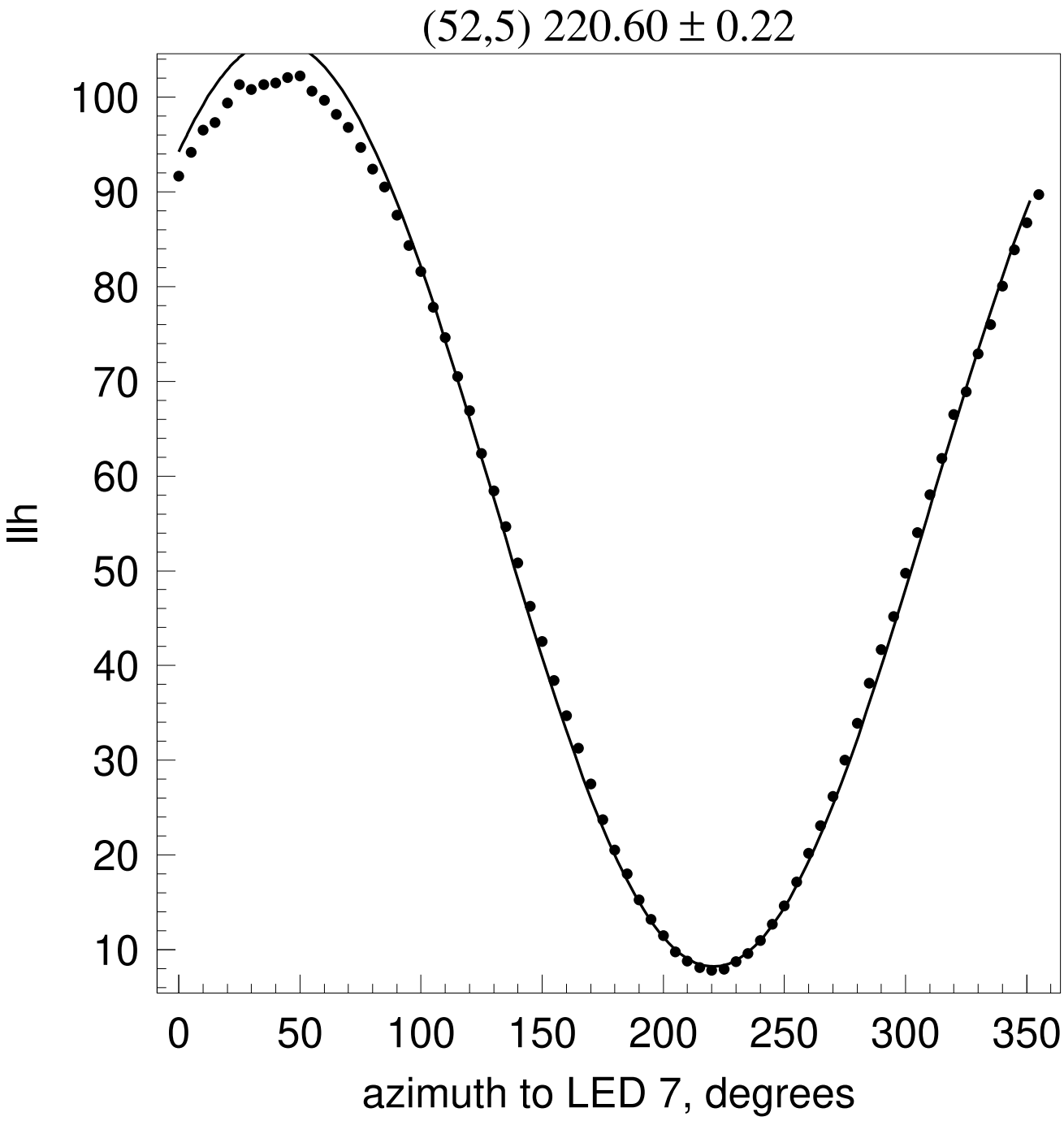

(51,60) 12.67 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

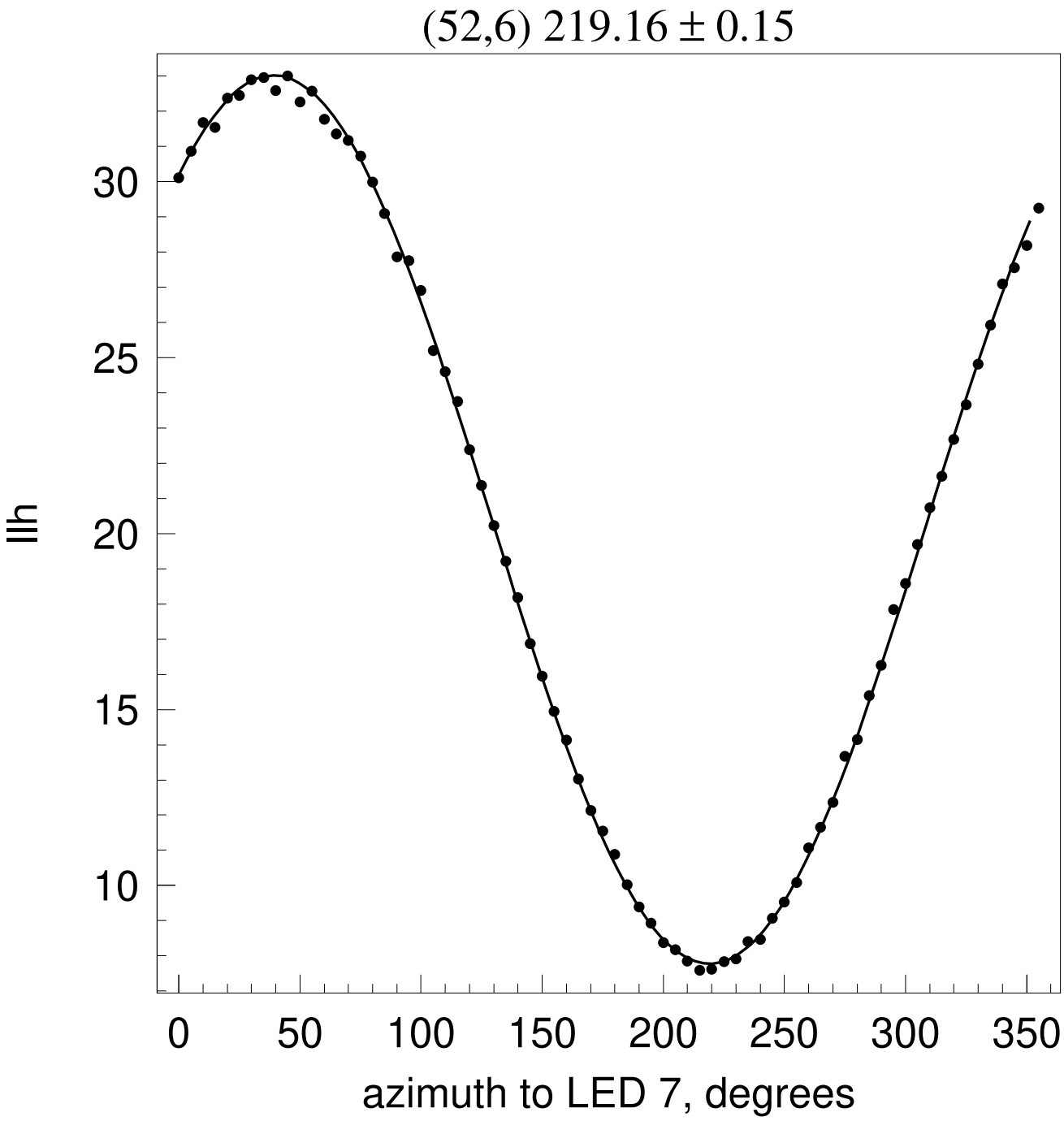

(52,1) 241.56 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

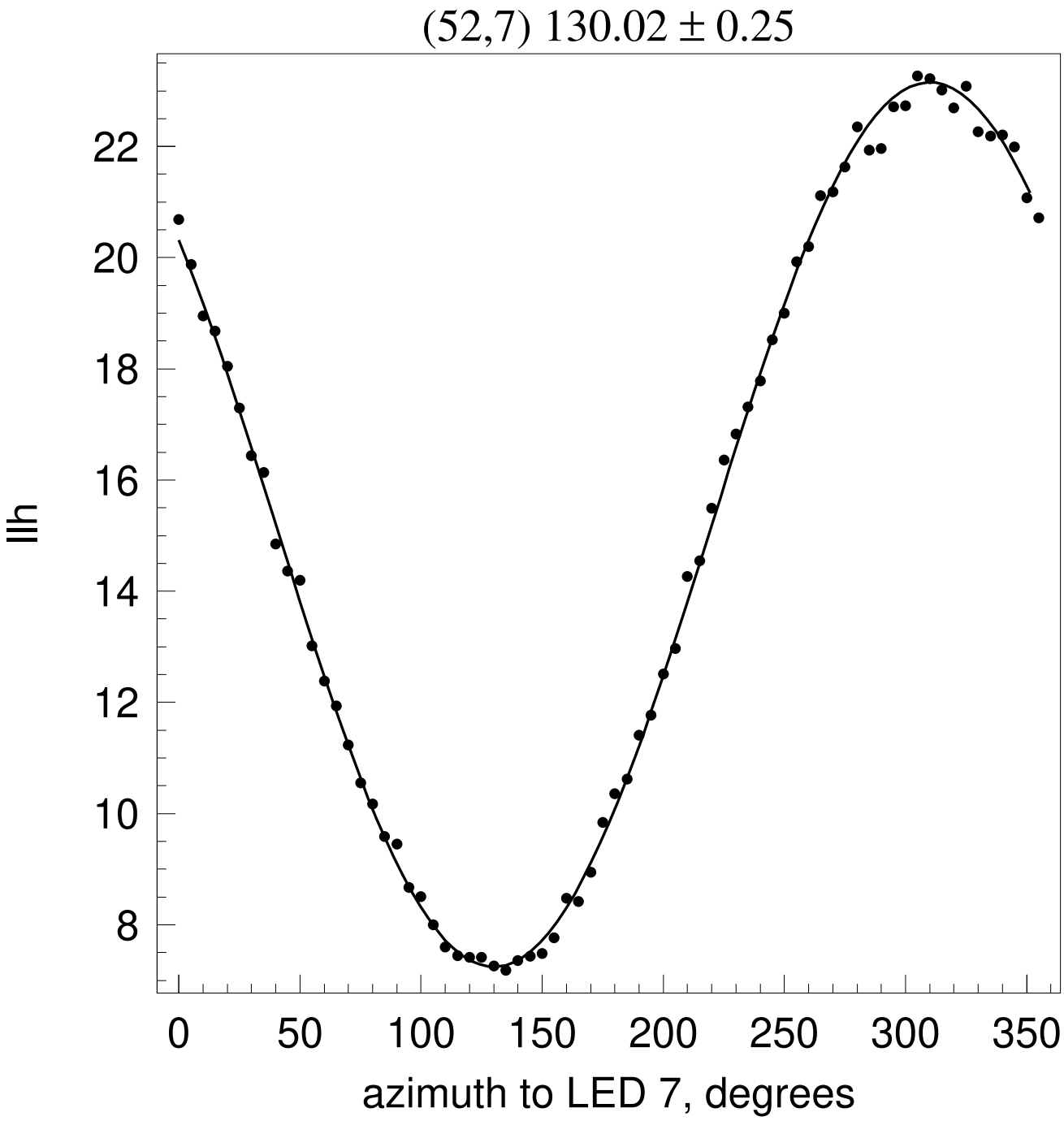

(52,2) 227.64 ± 0.24
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

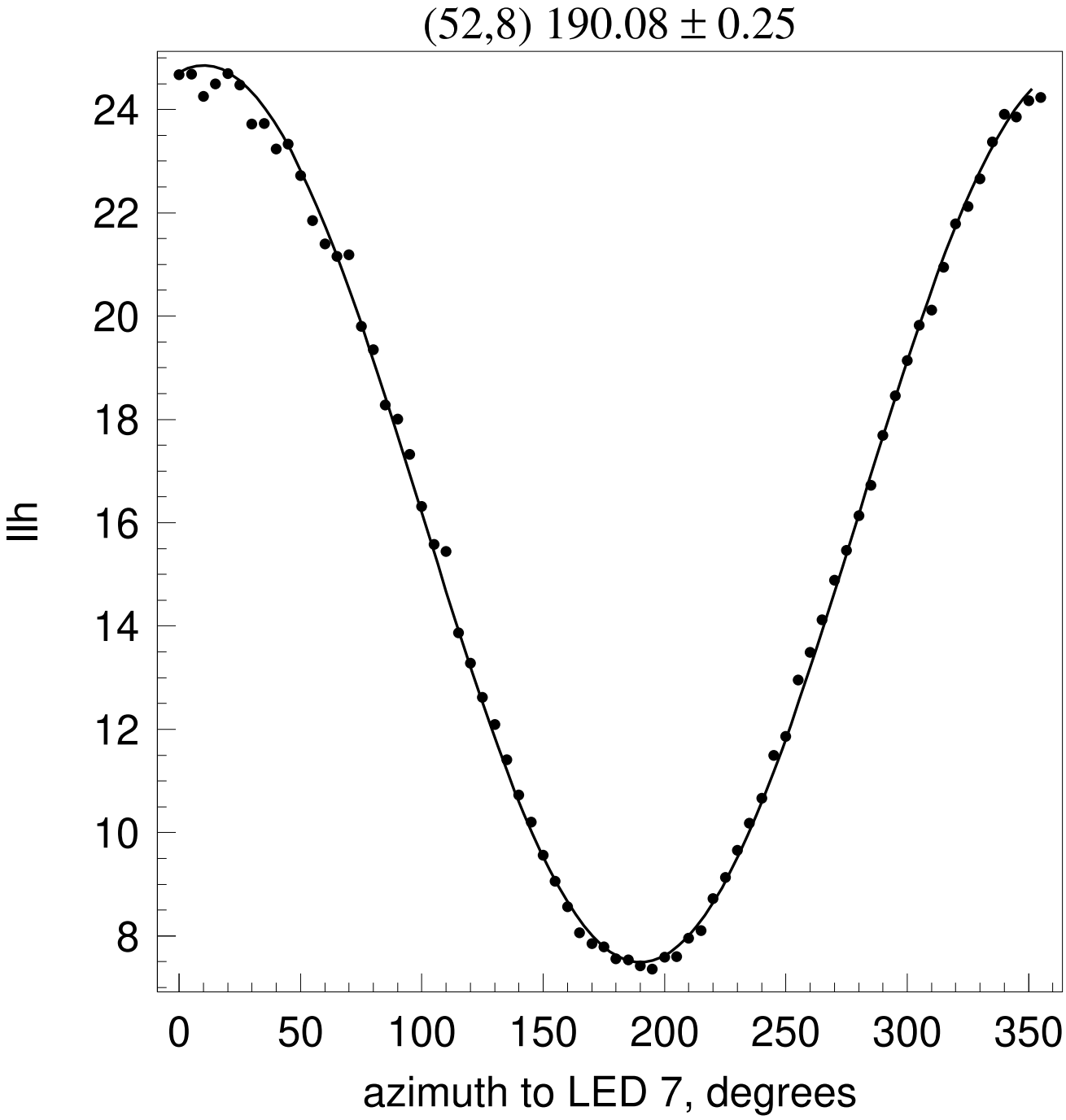

(52,3) 72.59 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

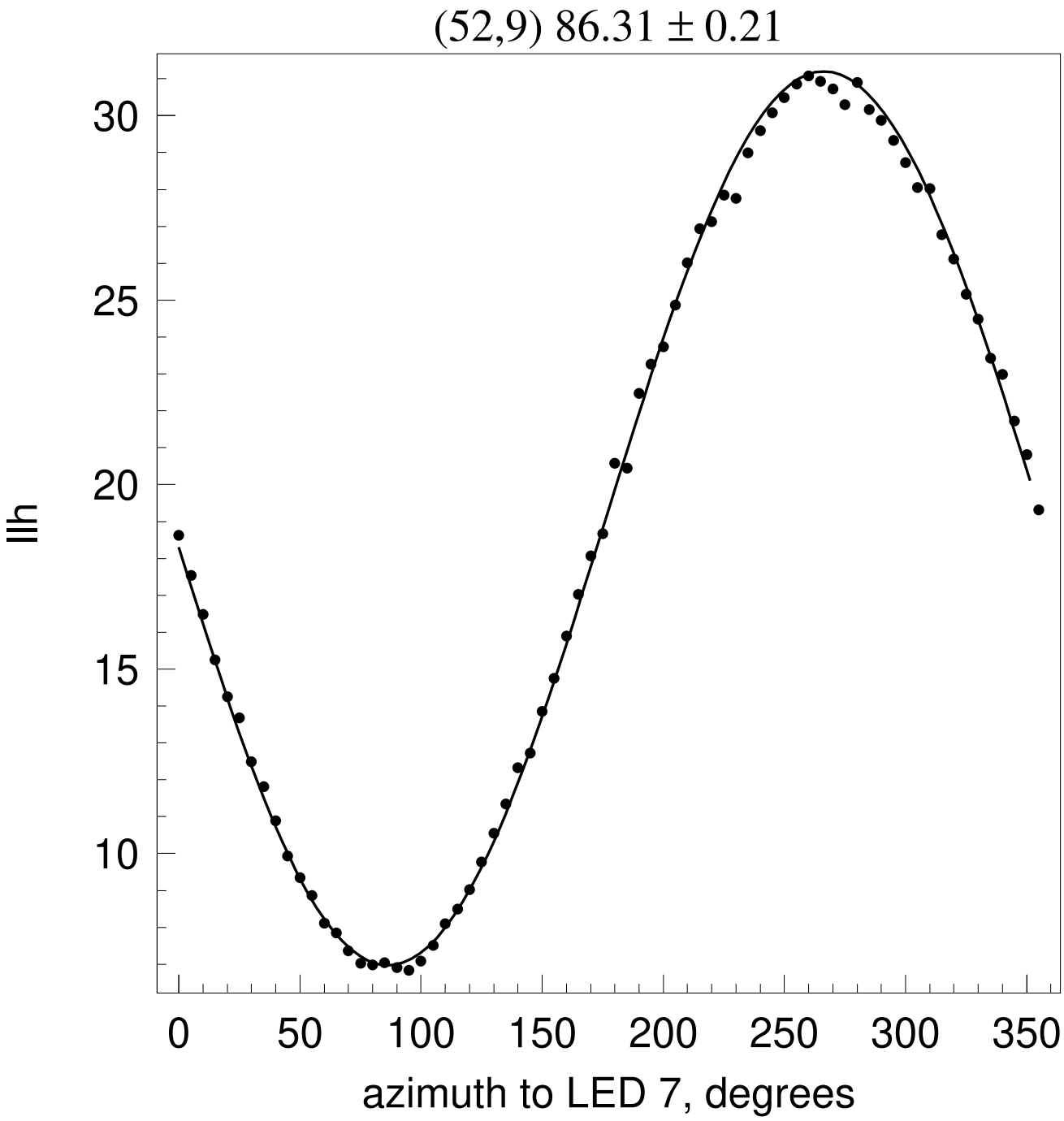

(52,4) 151.12 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

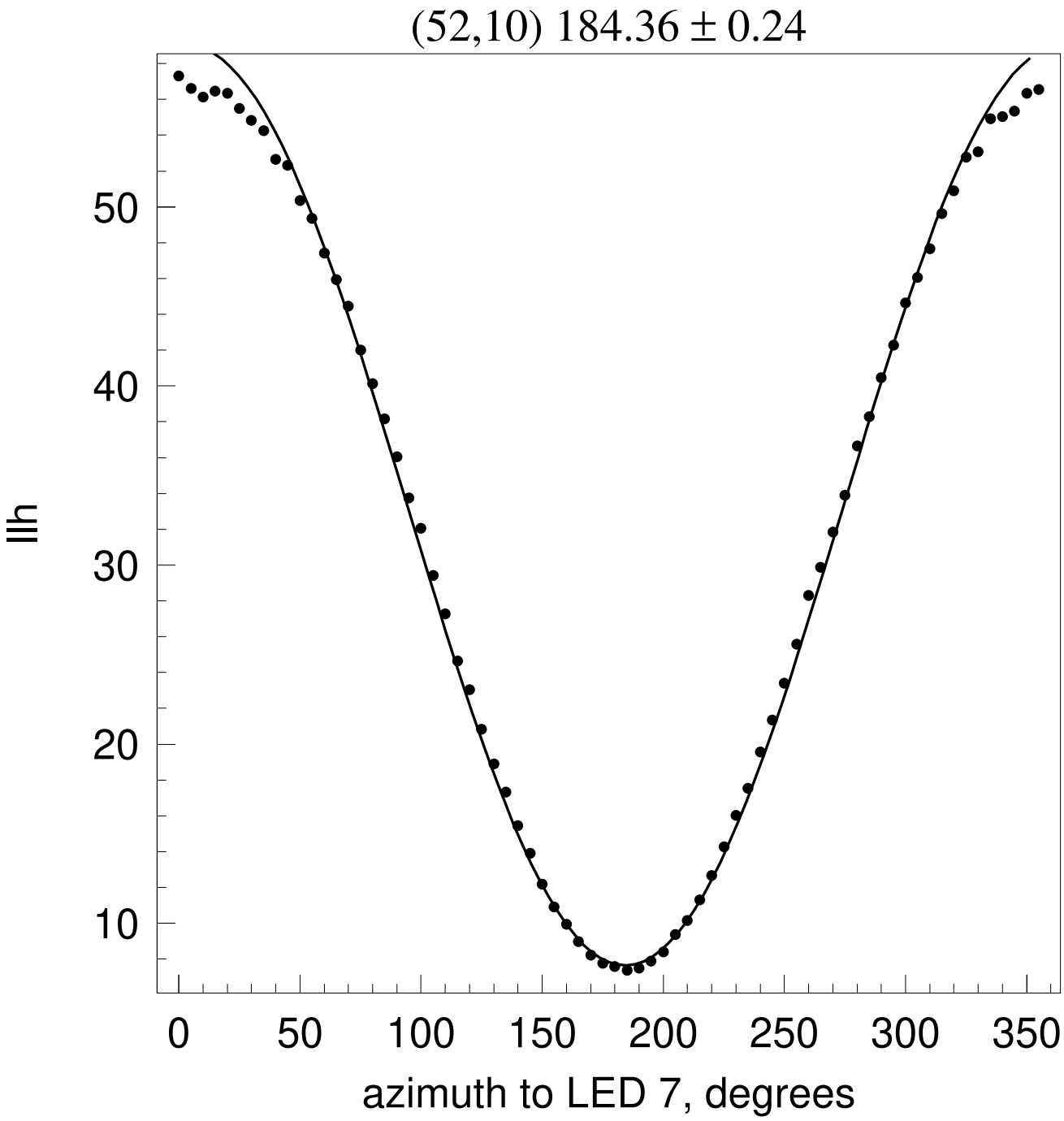

(52,5) 220.60 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

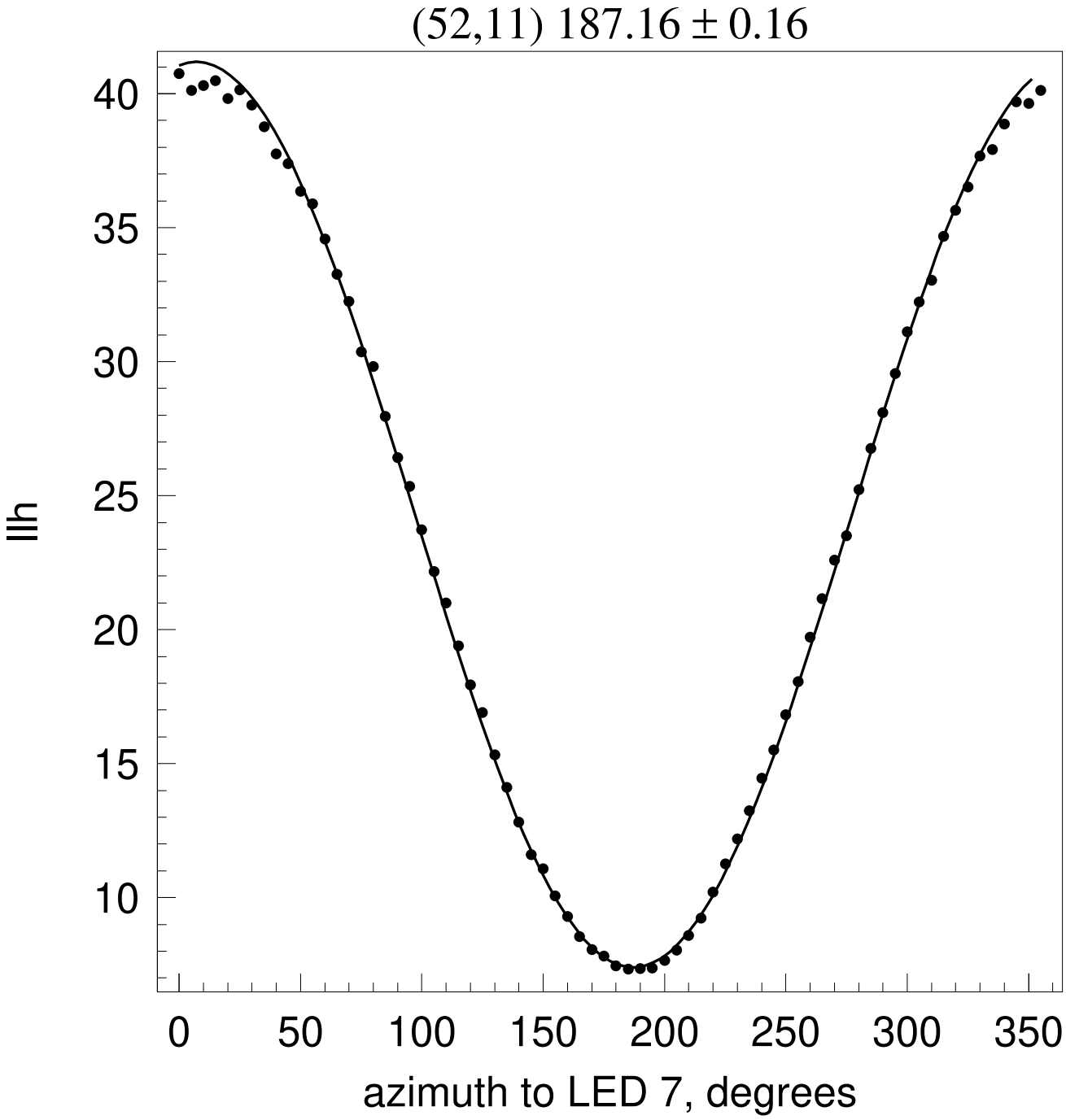

(52,6) 219.16 ± 0.15
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

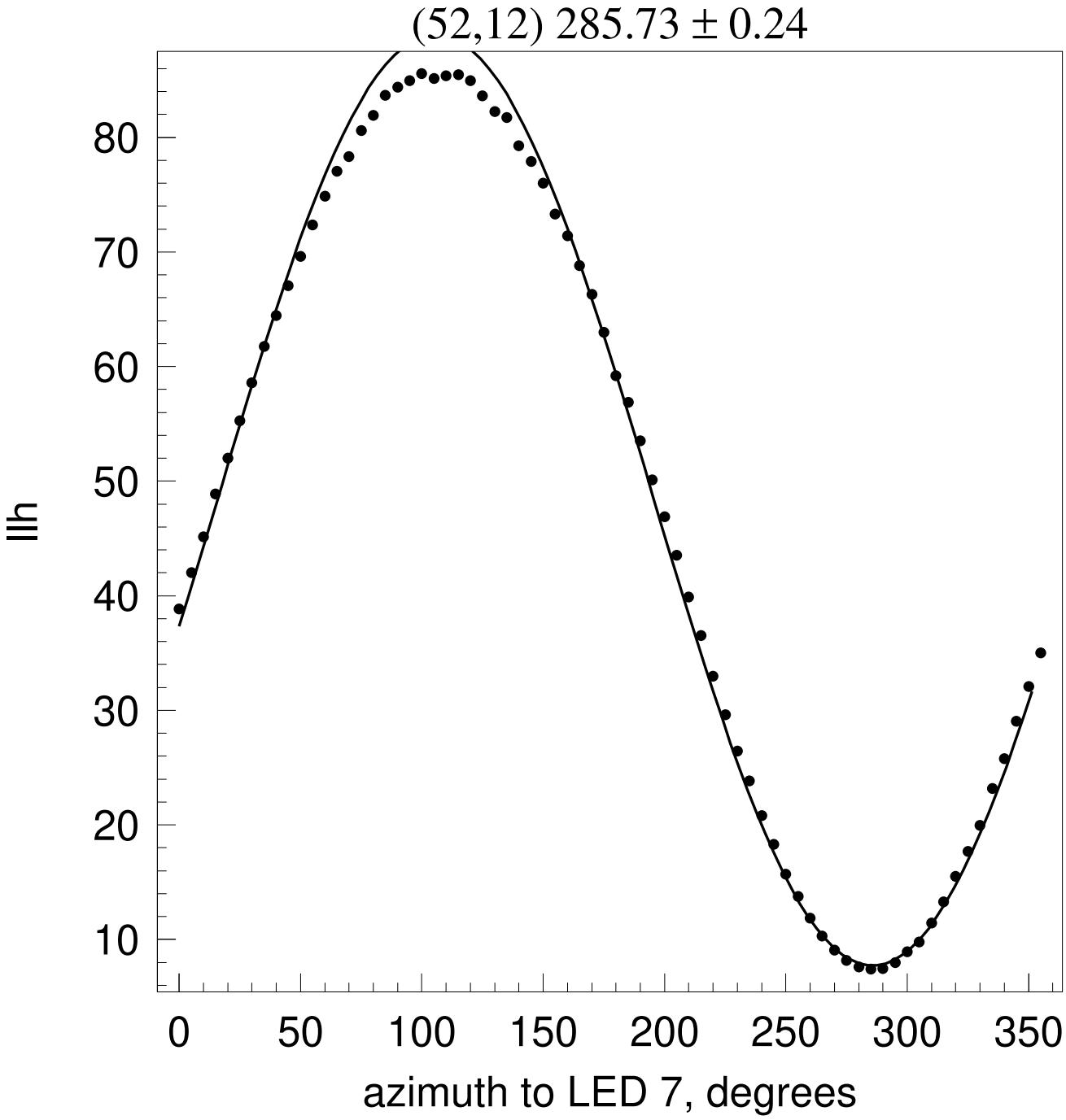

(52,7) 130.02 ± 0.25
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

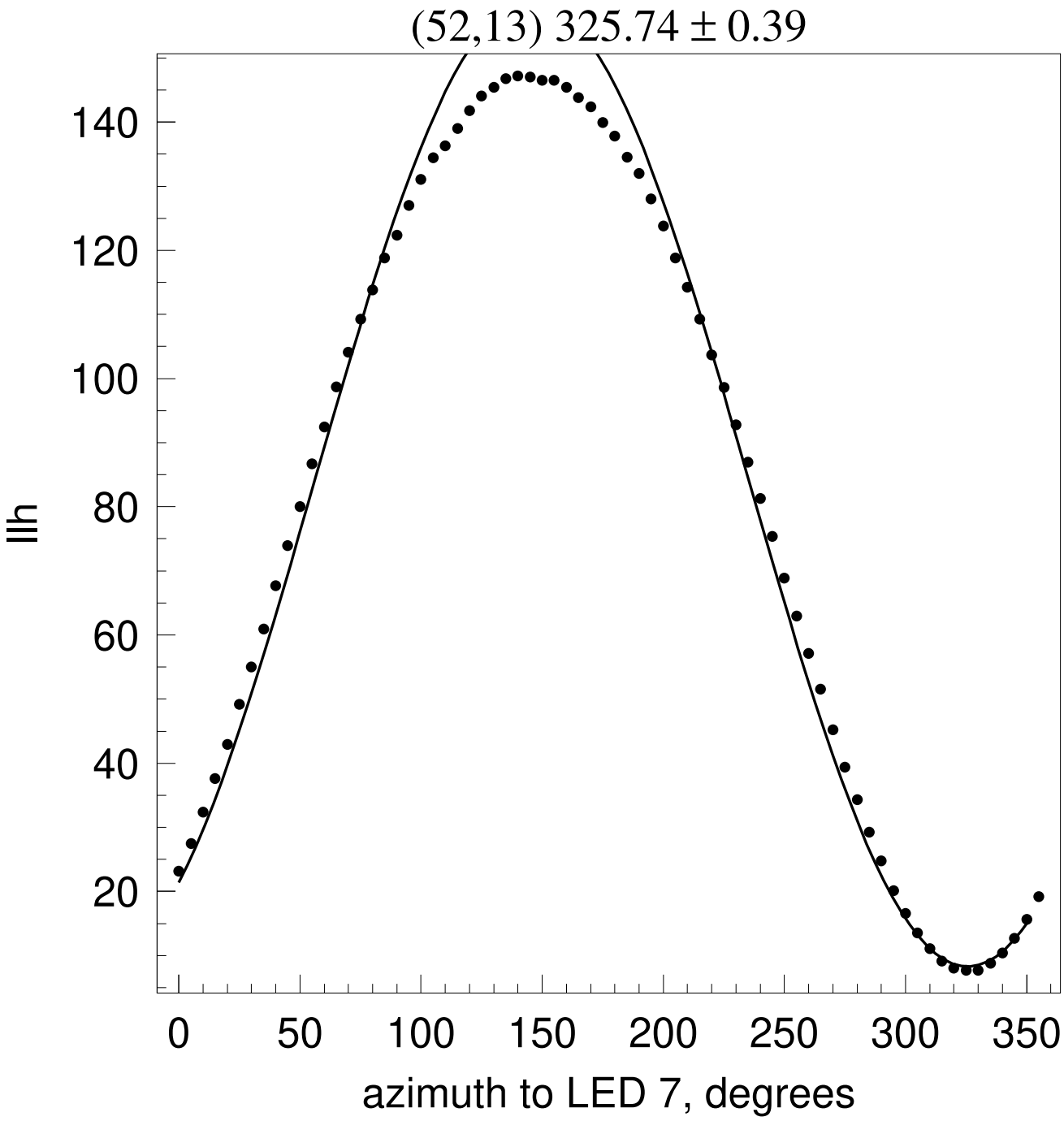

(52,8) 190.08 ± 0.25
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

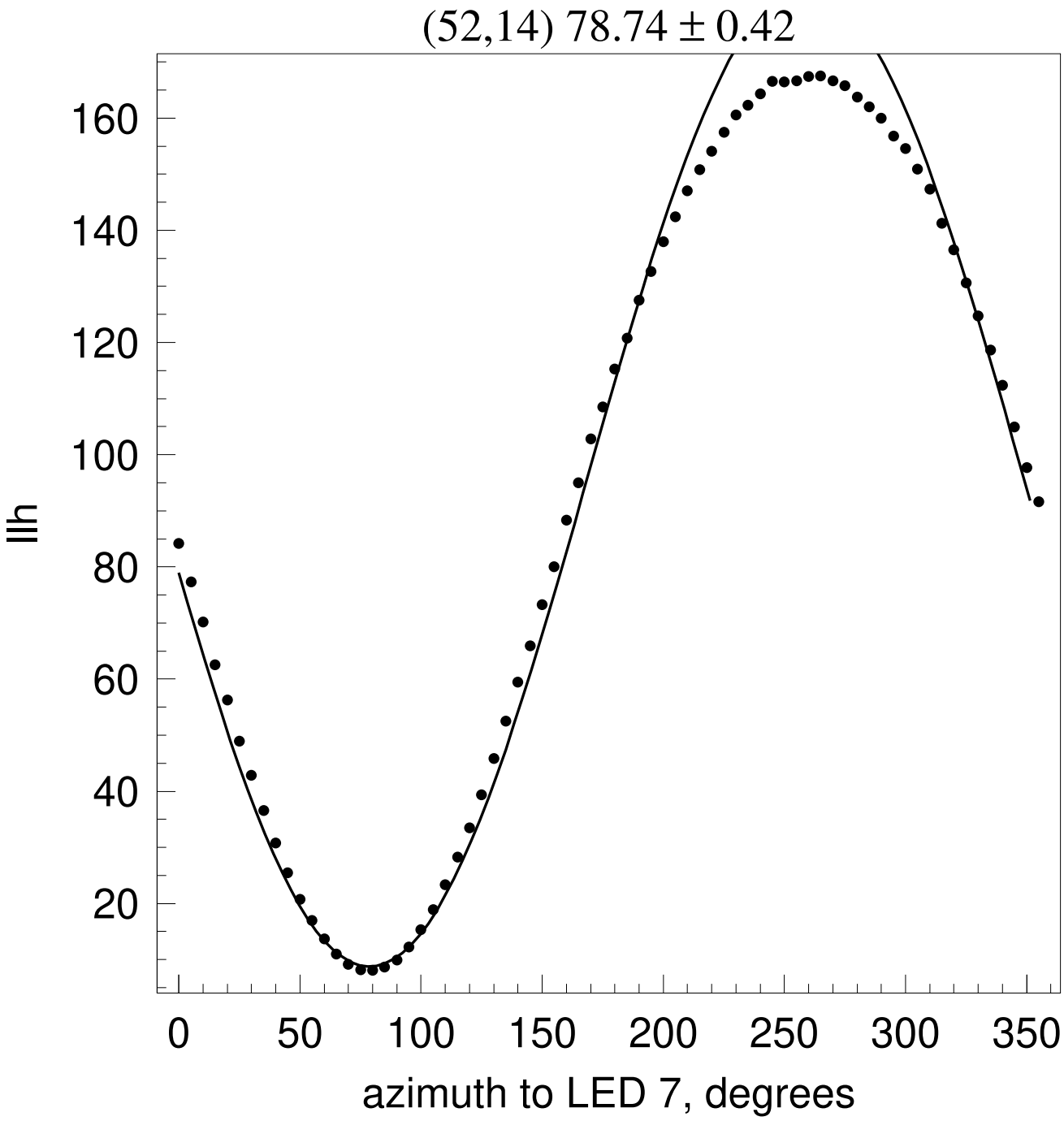

(52,9) 86.31 ± 0.21
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

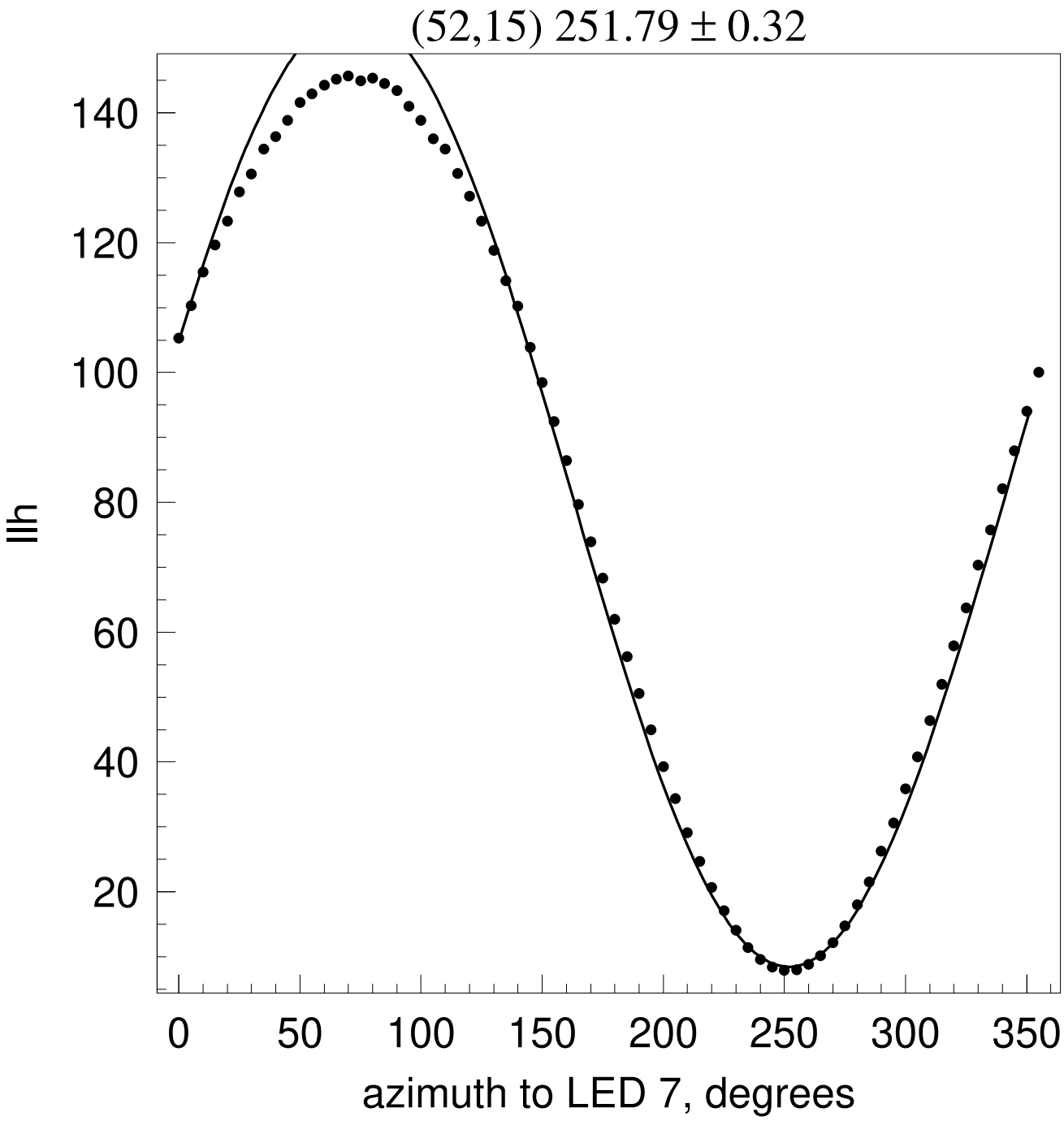

(52,10) 184.36 ± 0.24
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

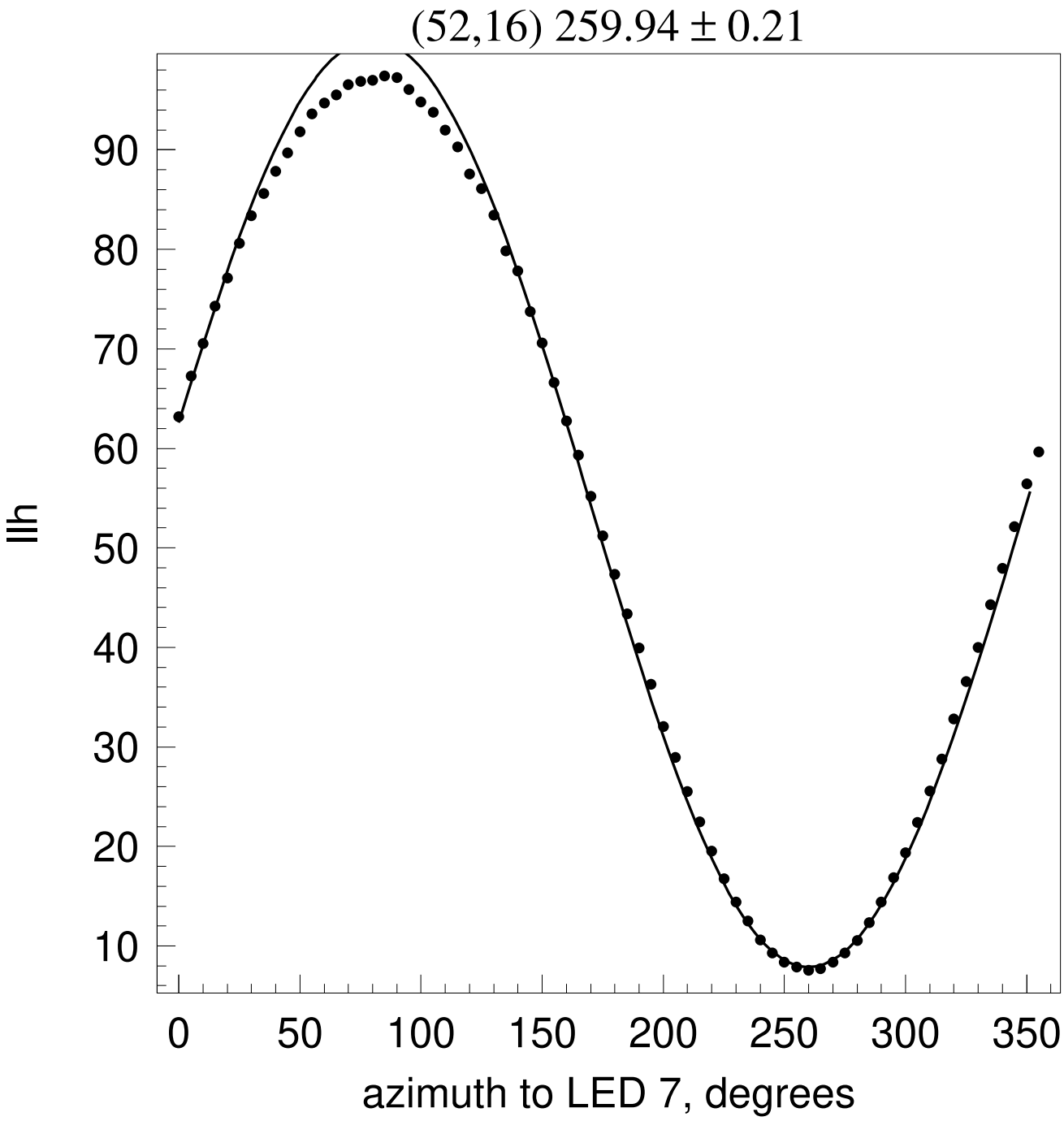

(52,11) 187.16 ± 0.16
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

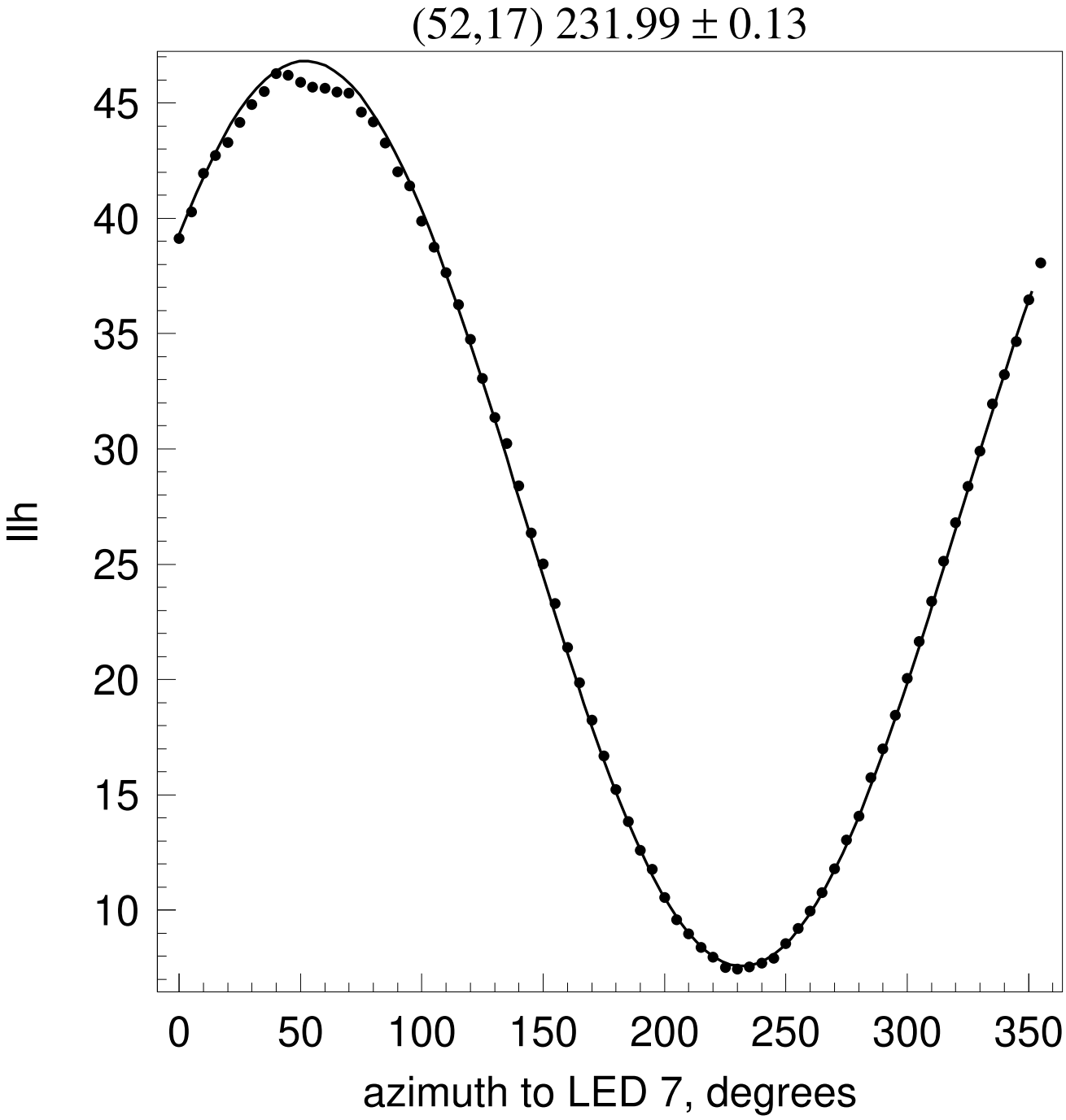

(52,12) 285.73 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

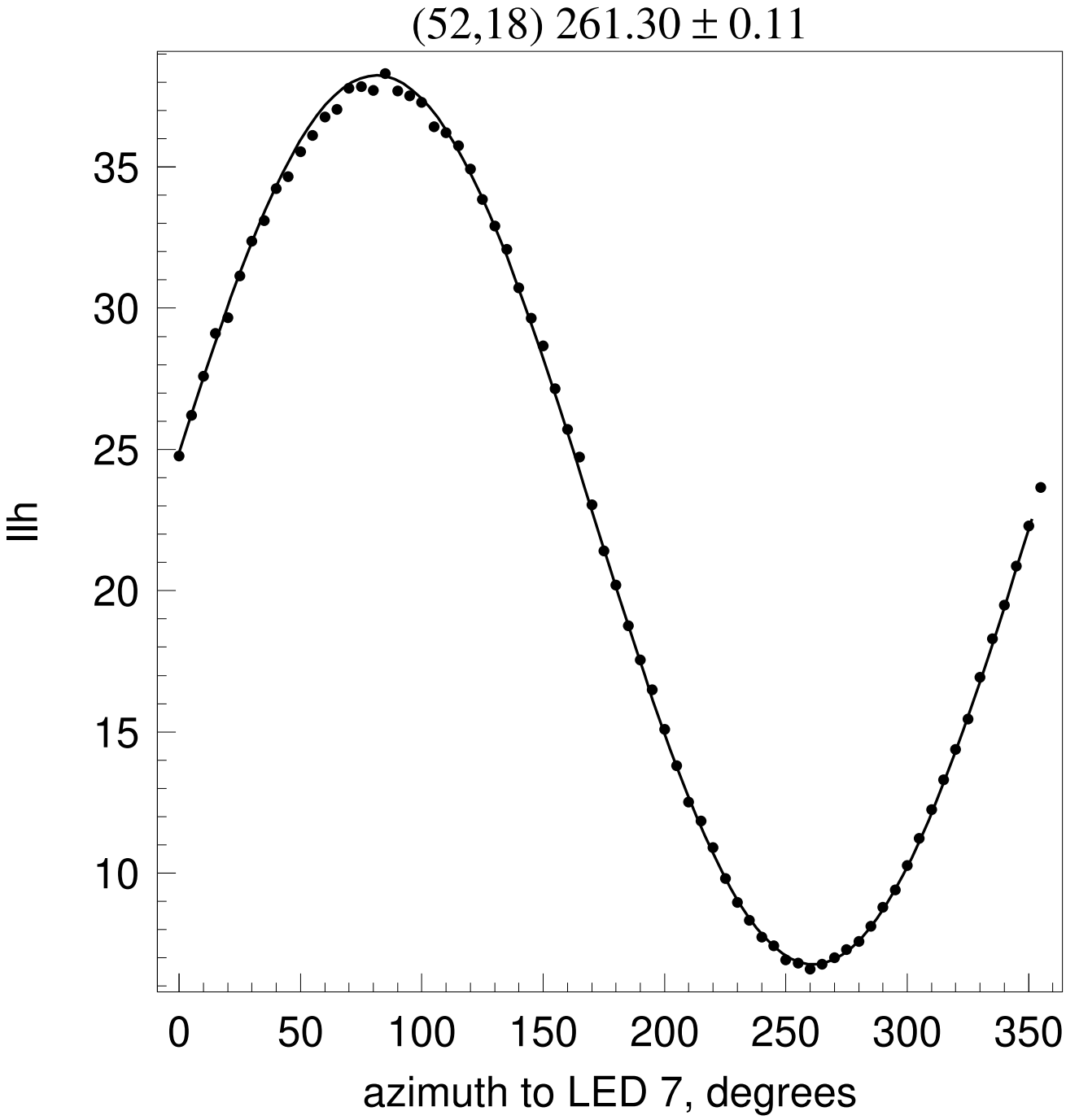

(52,13) 325.74 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

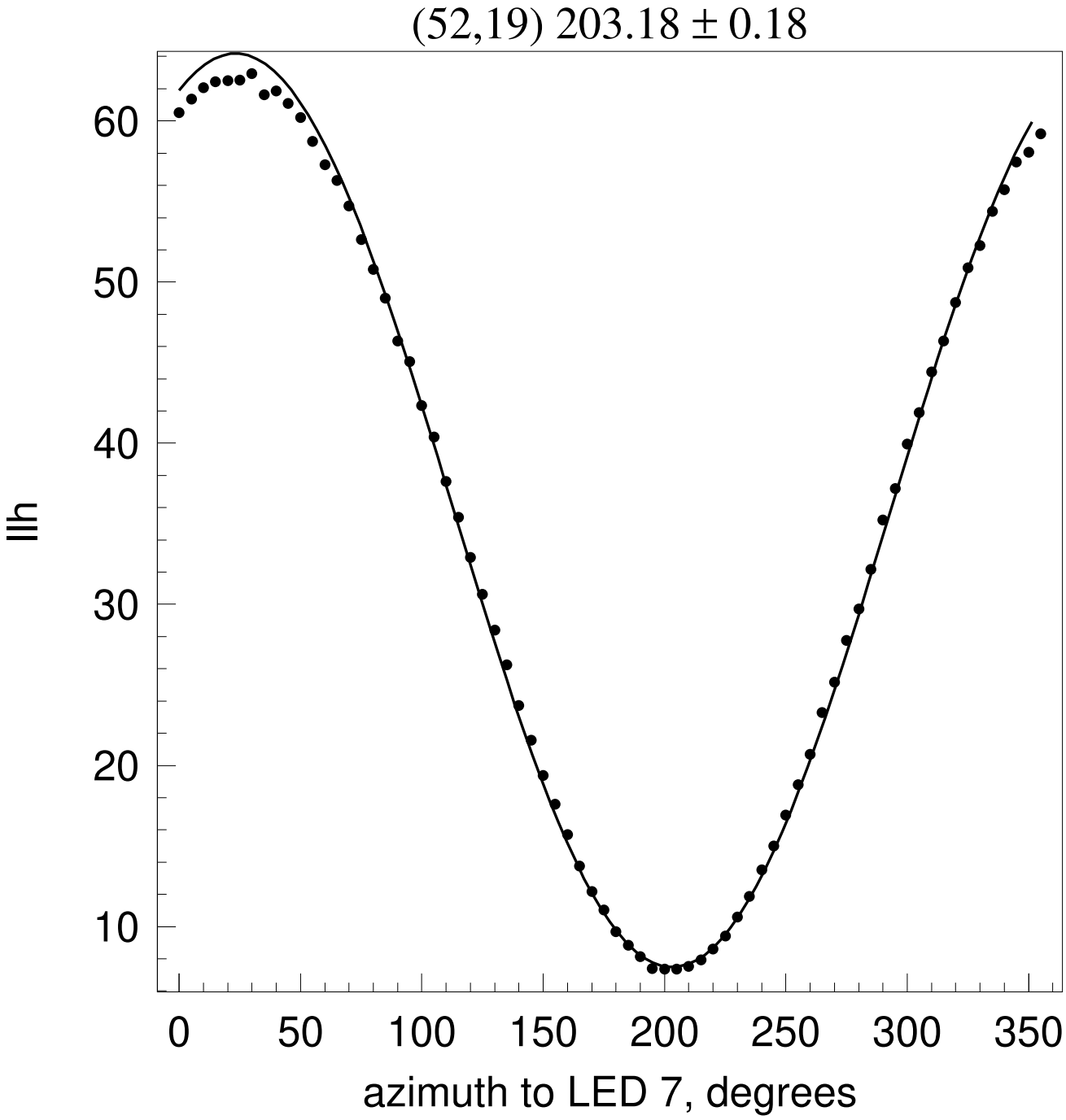

(52,14) 78.74 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

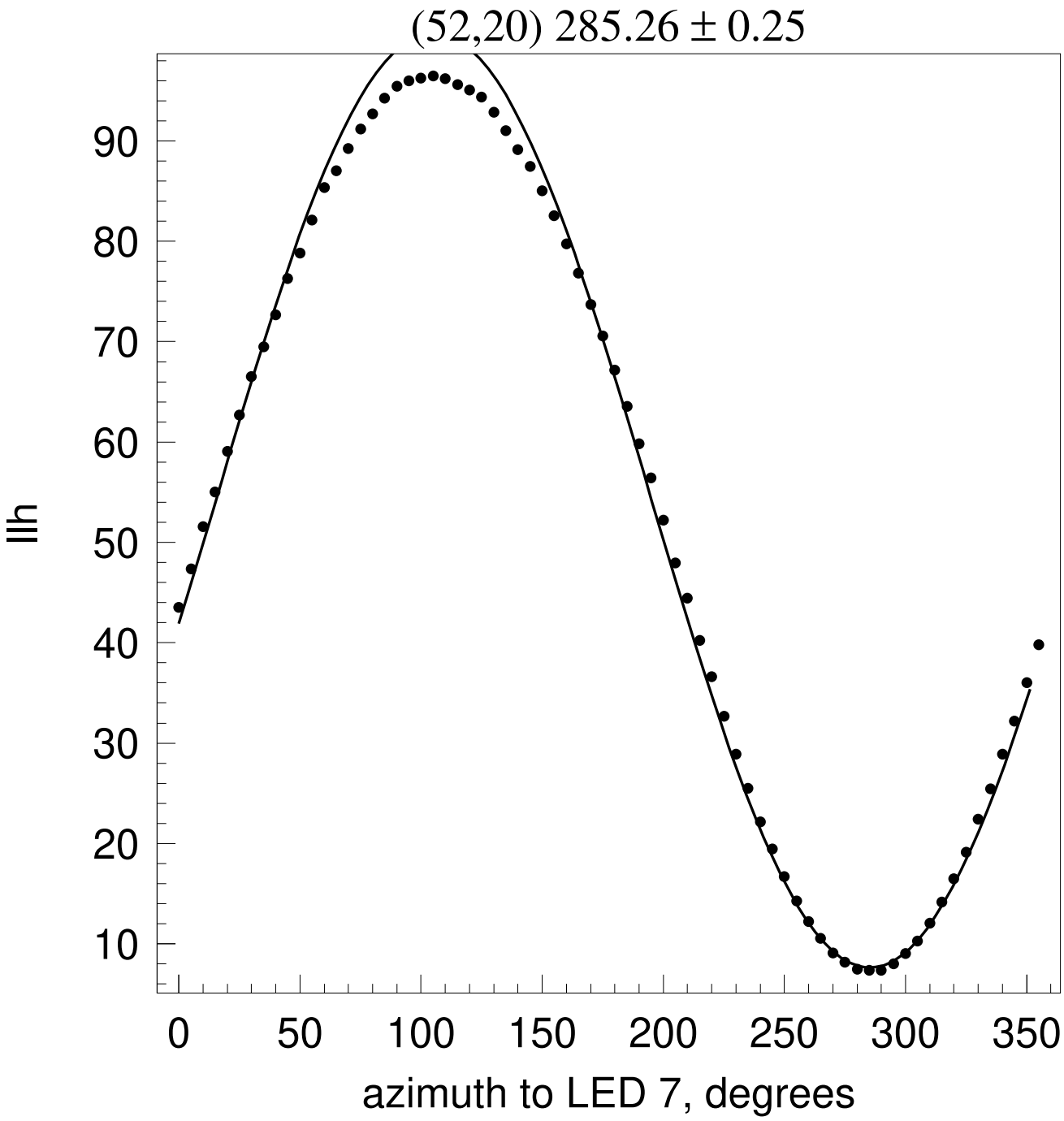

(52,15) 251.79 ± 0.32
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

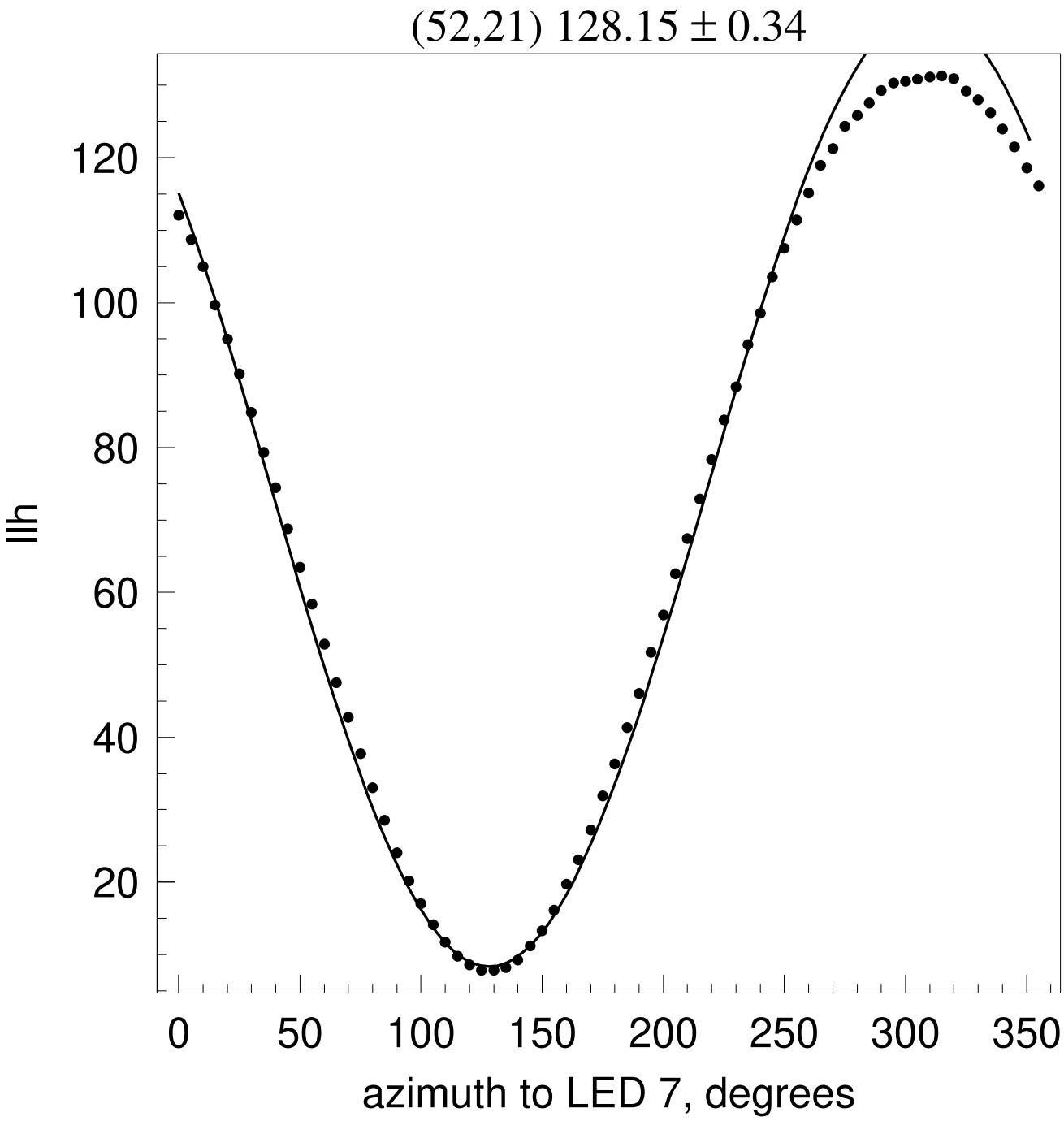

(52,16) 259.94 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

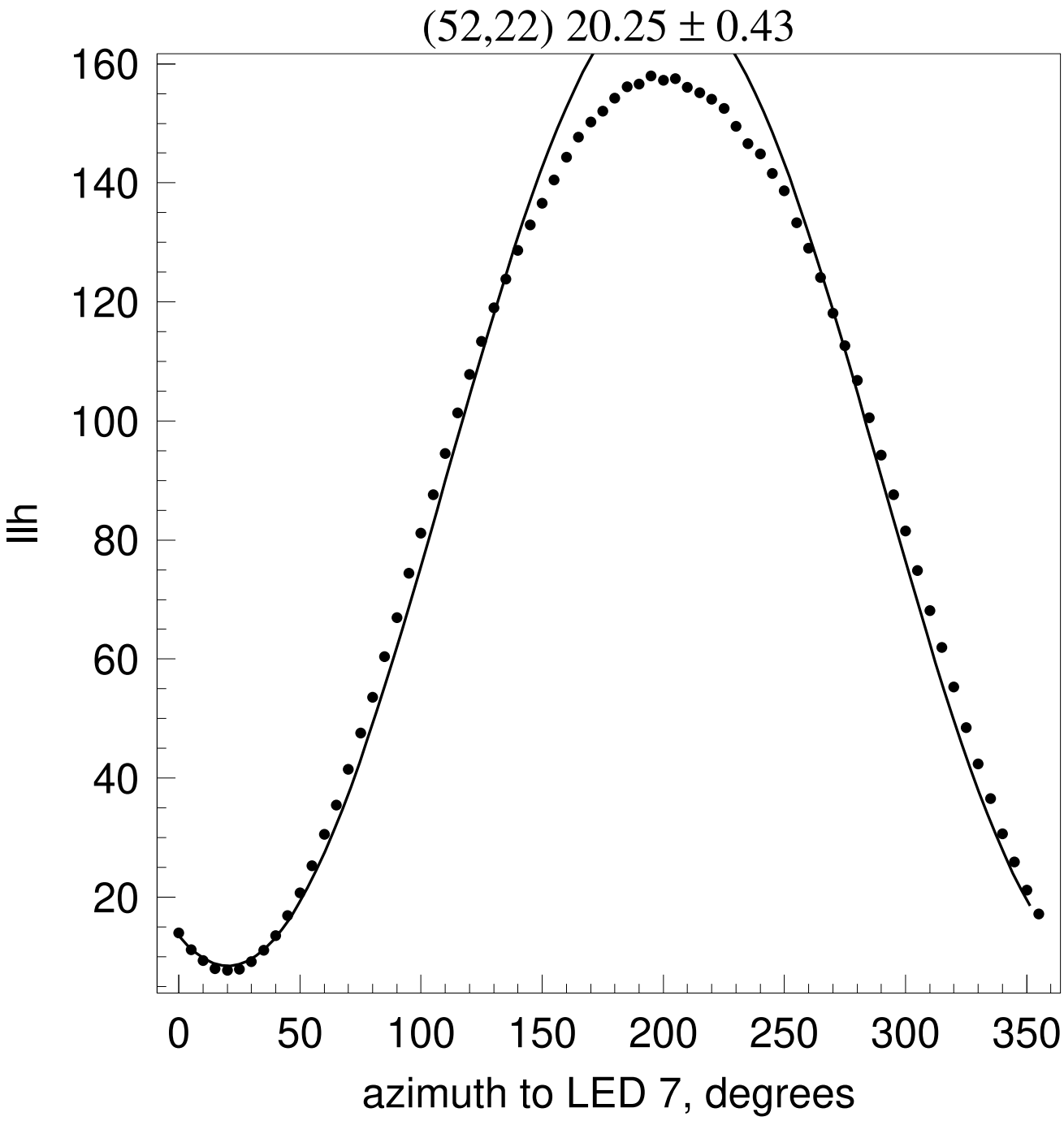

(52,17) 231.99 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

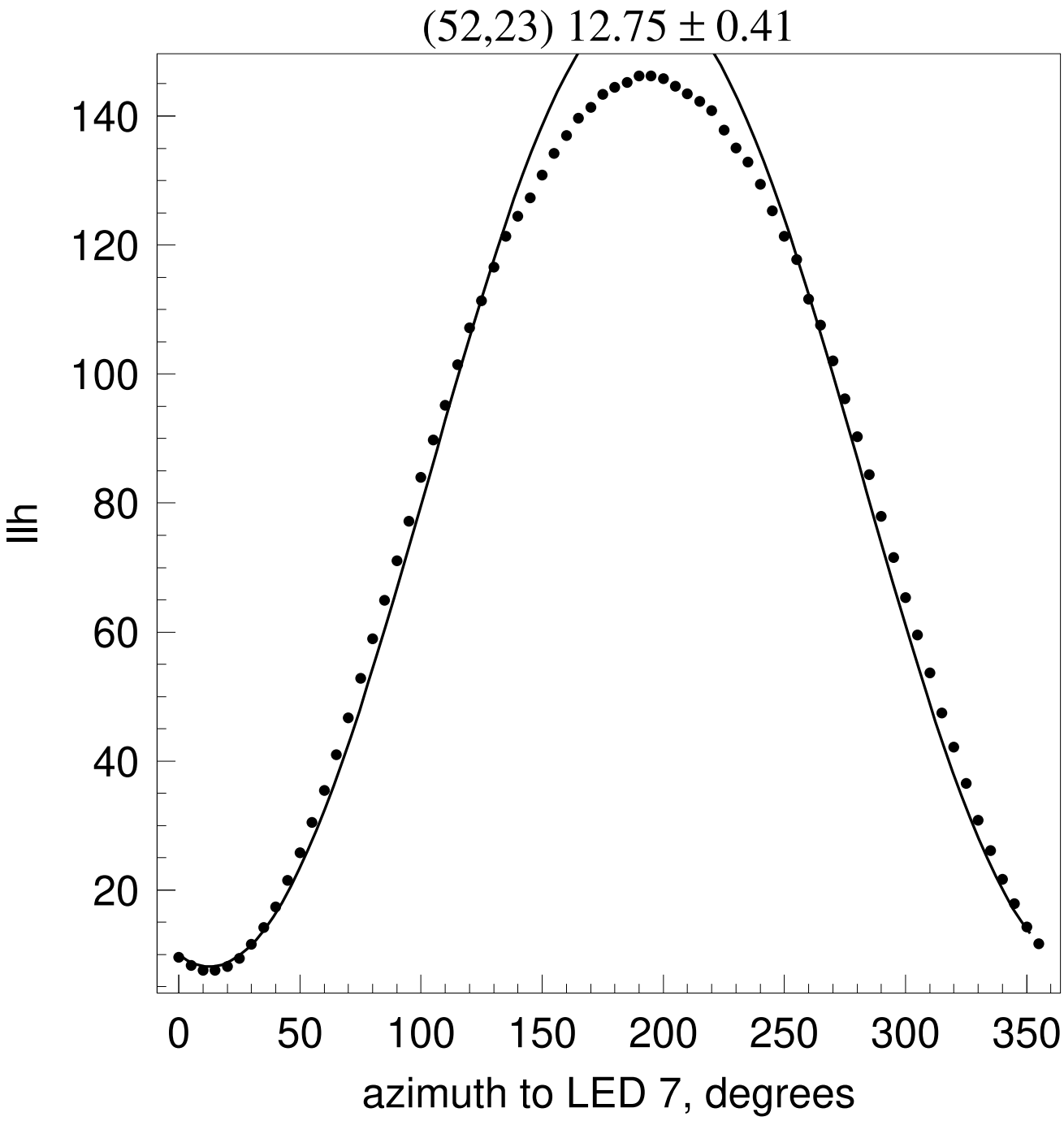

(52,18) 261.30 ± 0.11
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

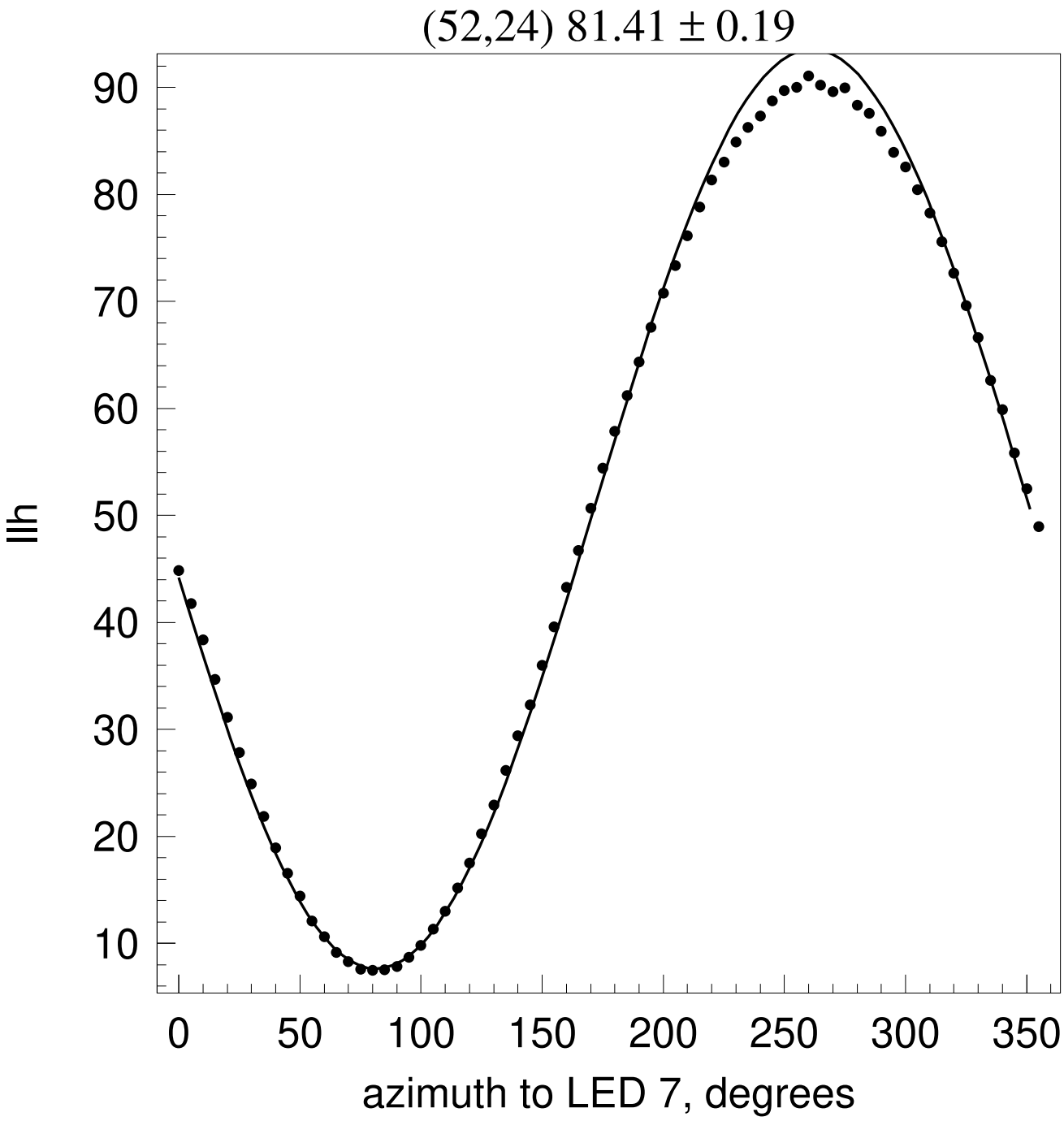

(52,19) 203.18 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

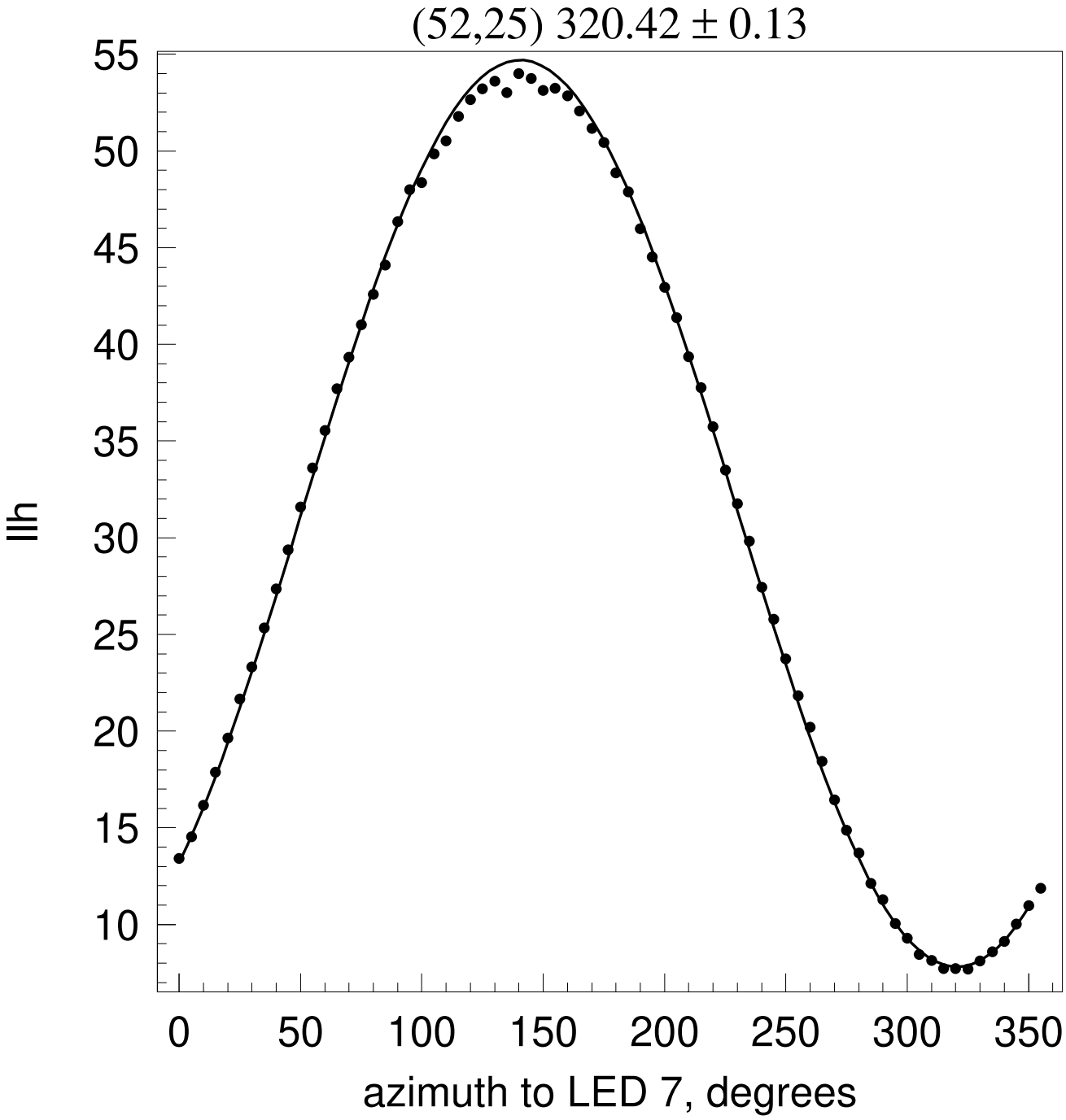

(52,20) 285.26 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

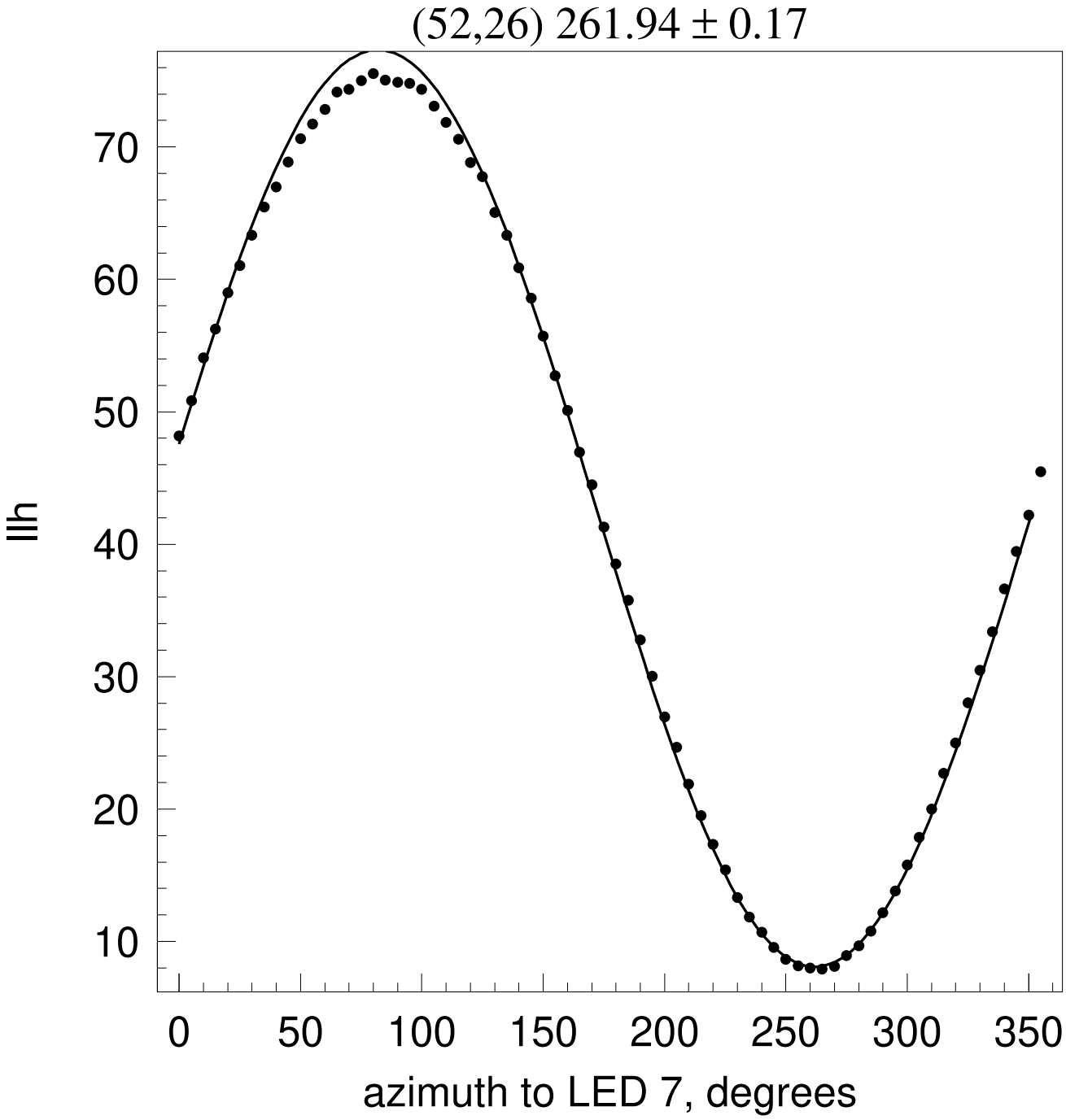

(52,21) 128.15 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

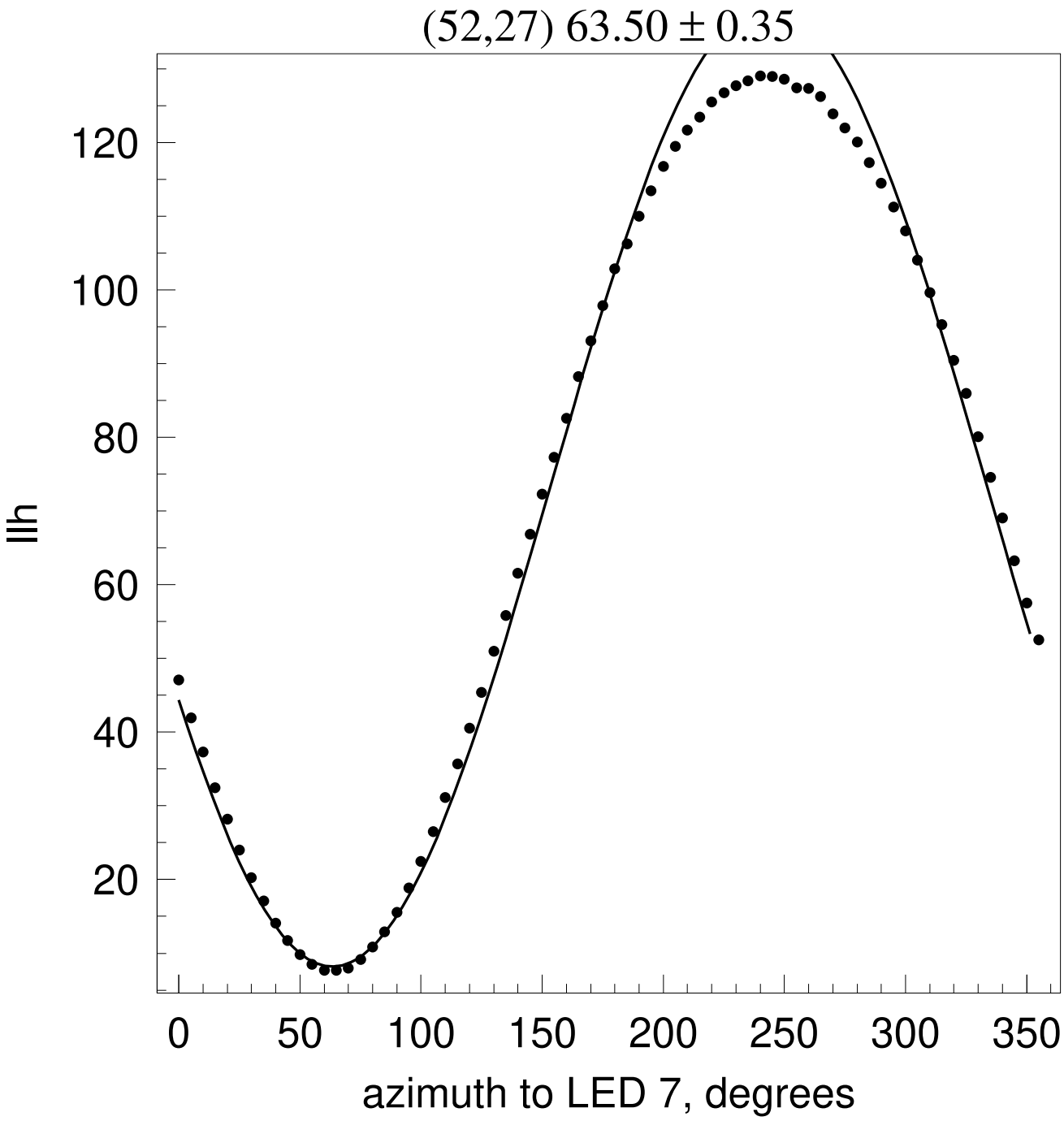

(52,22) 20.25 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

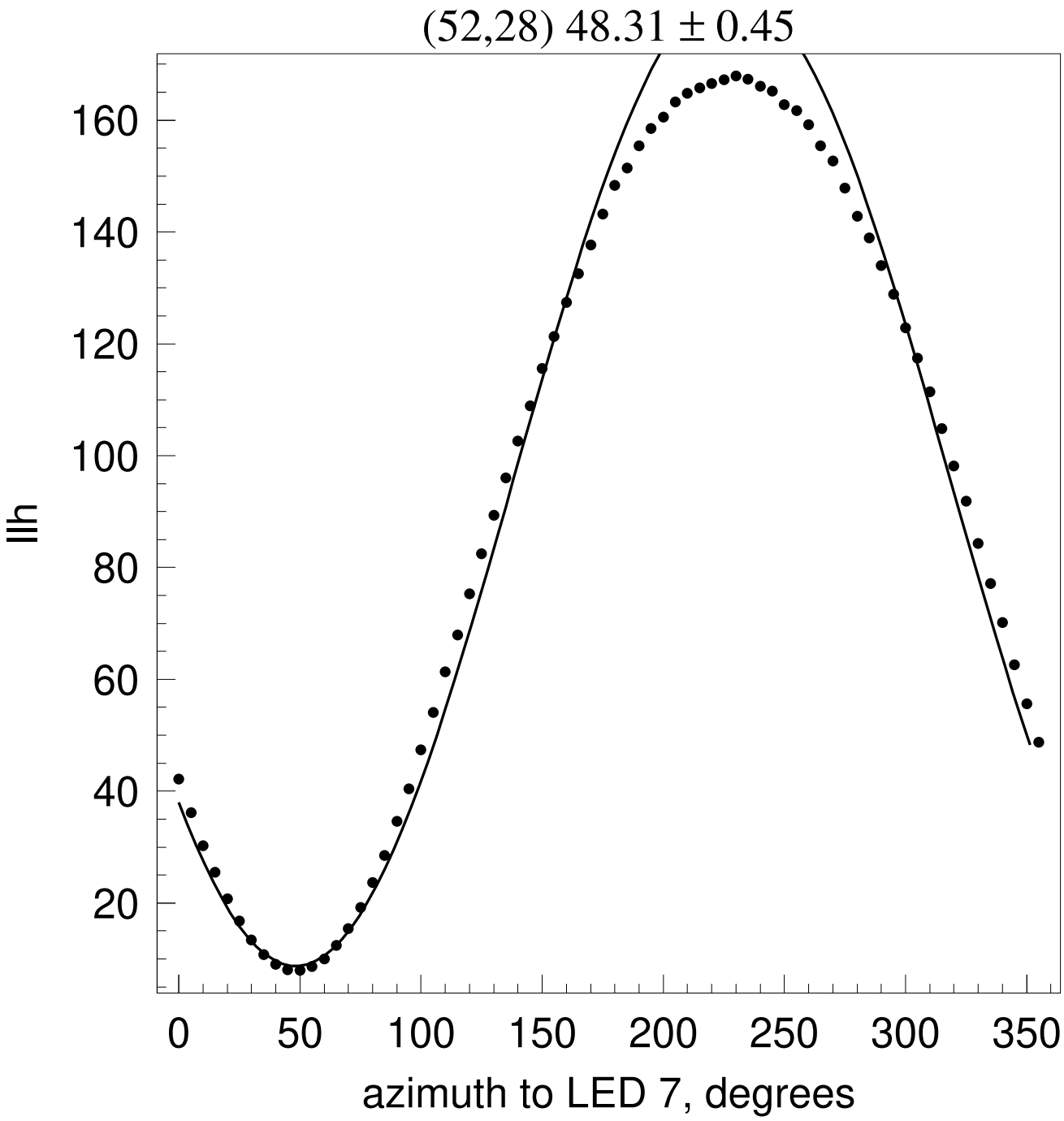

(52,23) 12.75 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

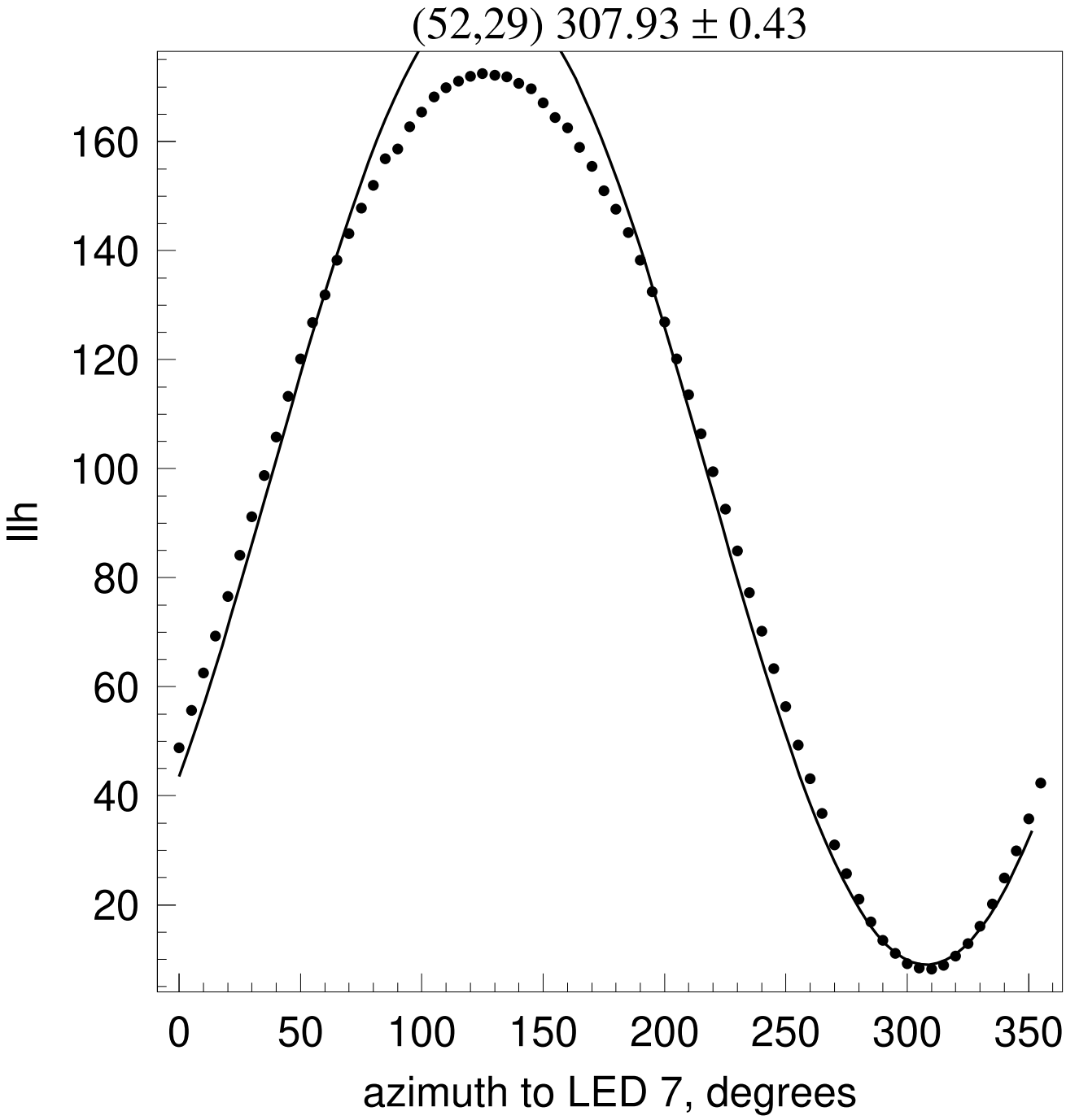

(52,24) 81.41 ± 0.19
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

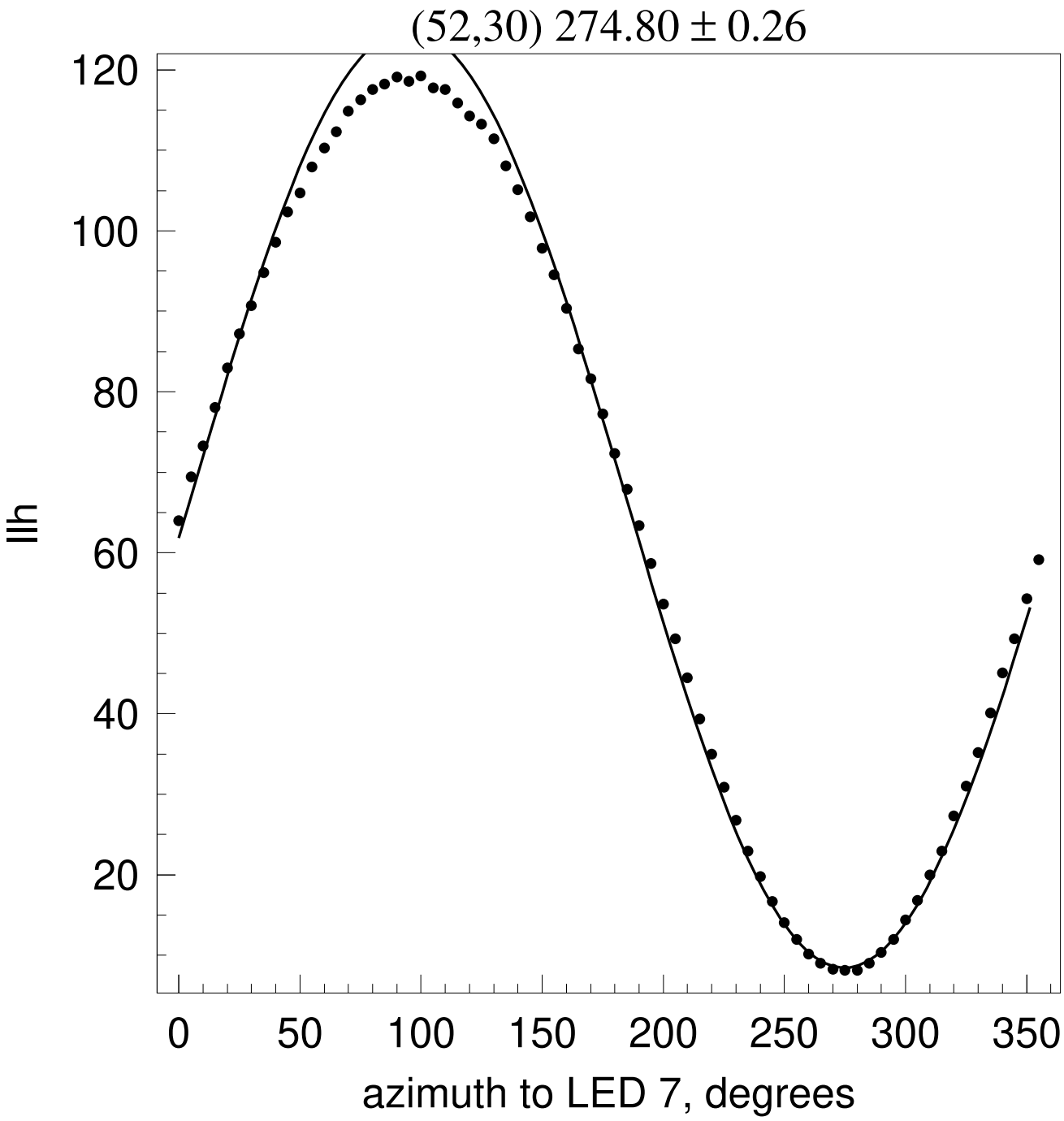

(52,25) 320.42 ± 0.13
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

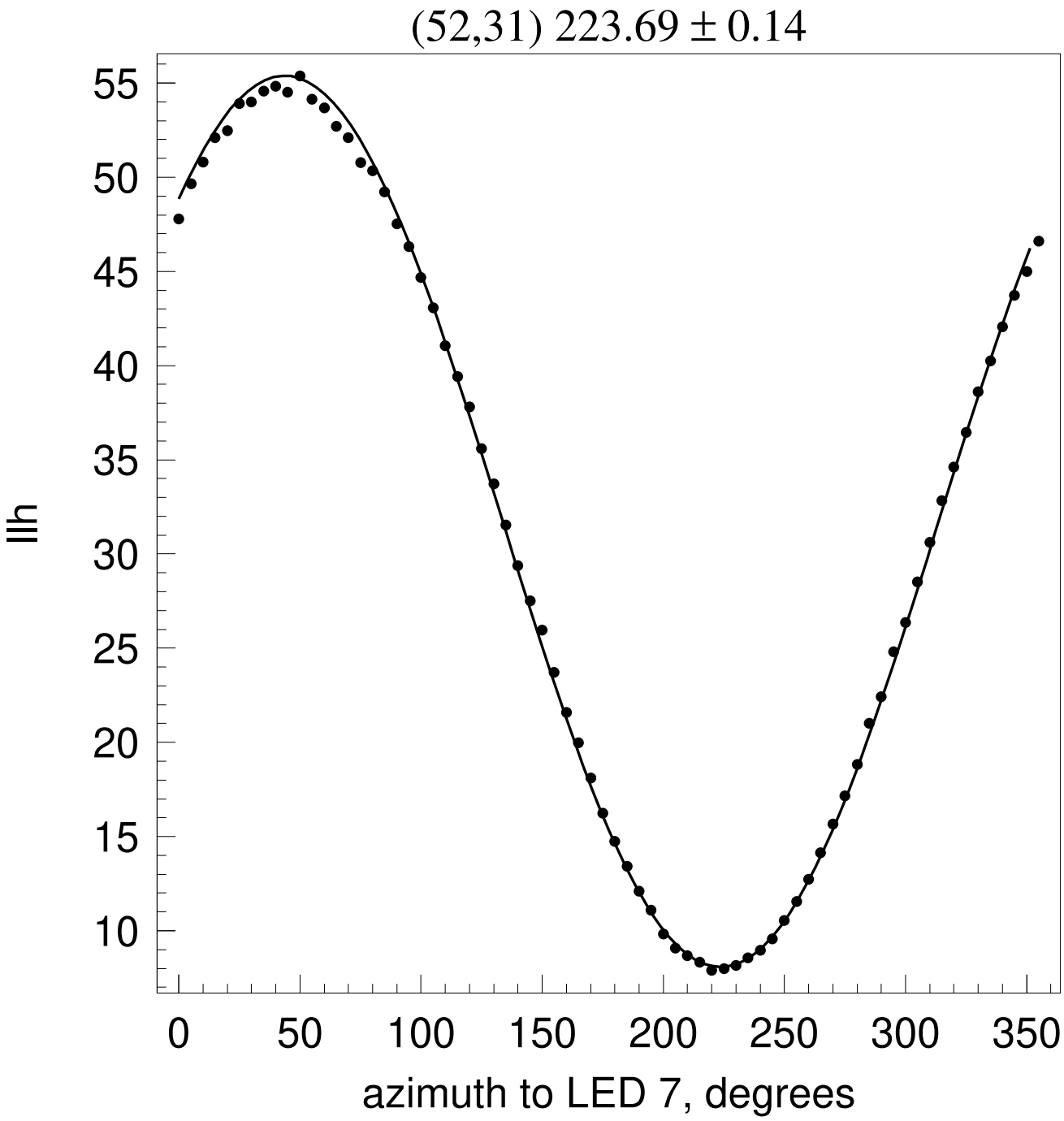

(52,26) 261.94 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

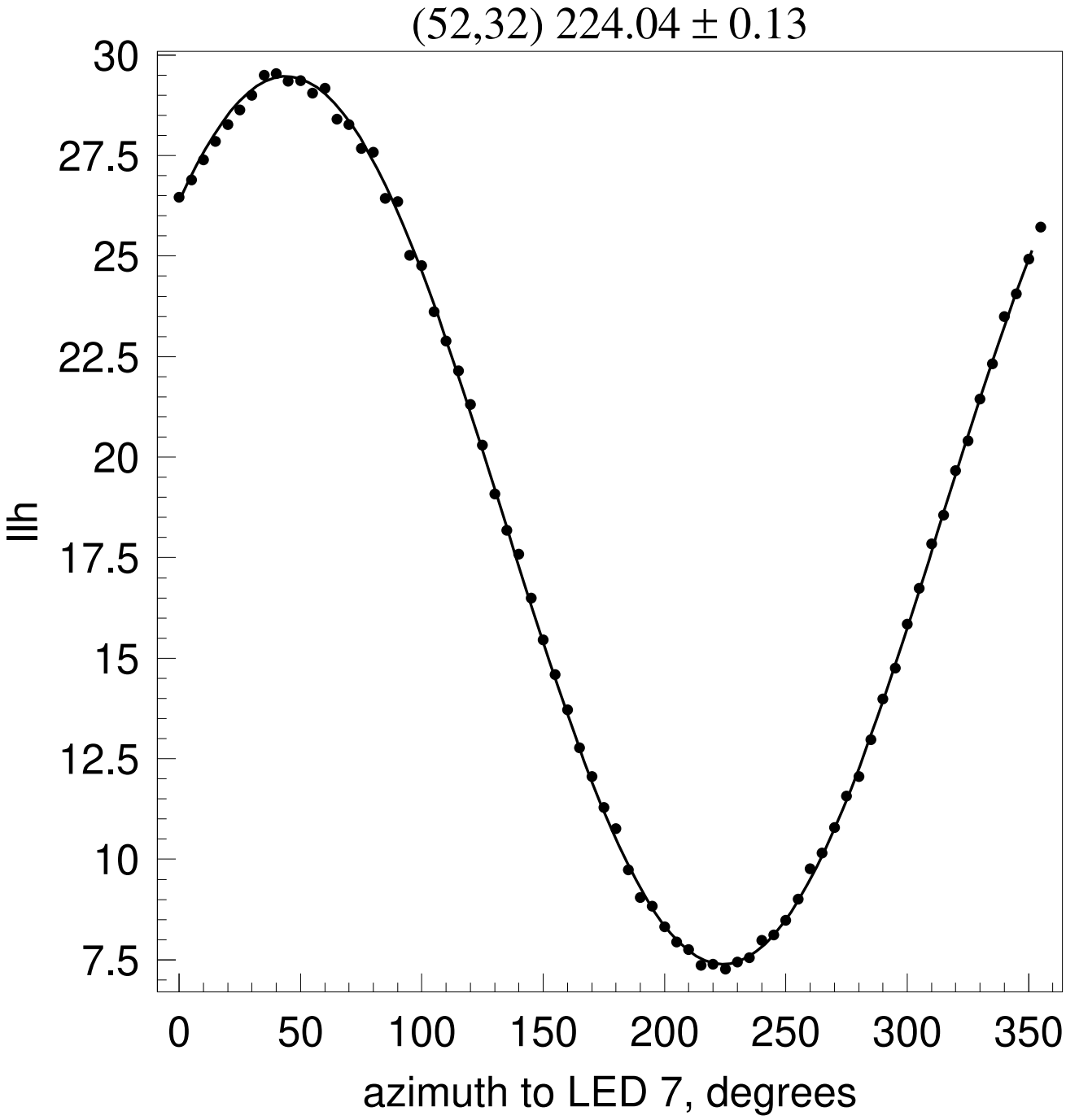

(52,27) 63.50 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

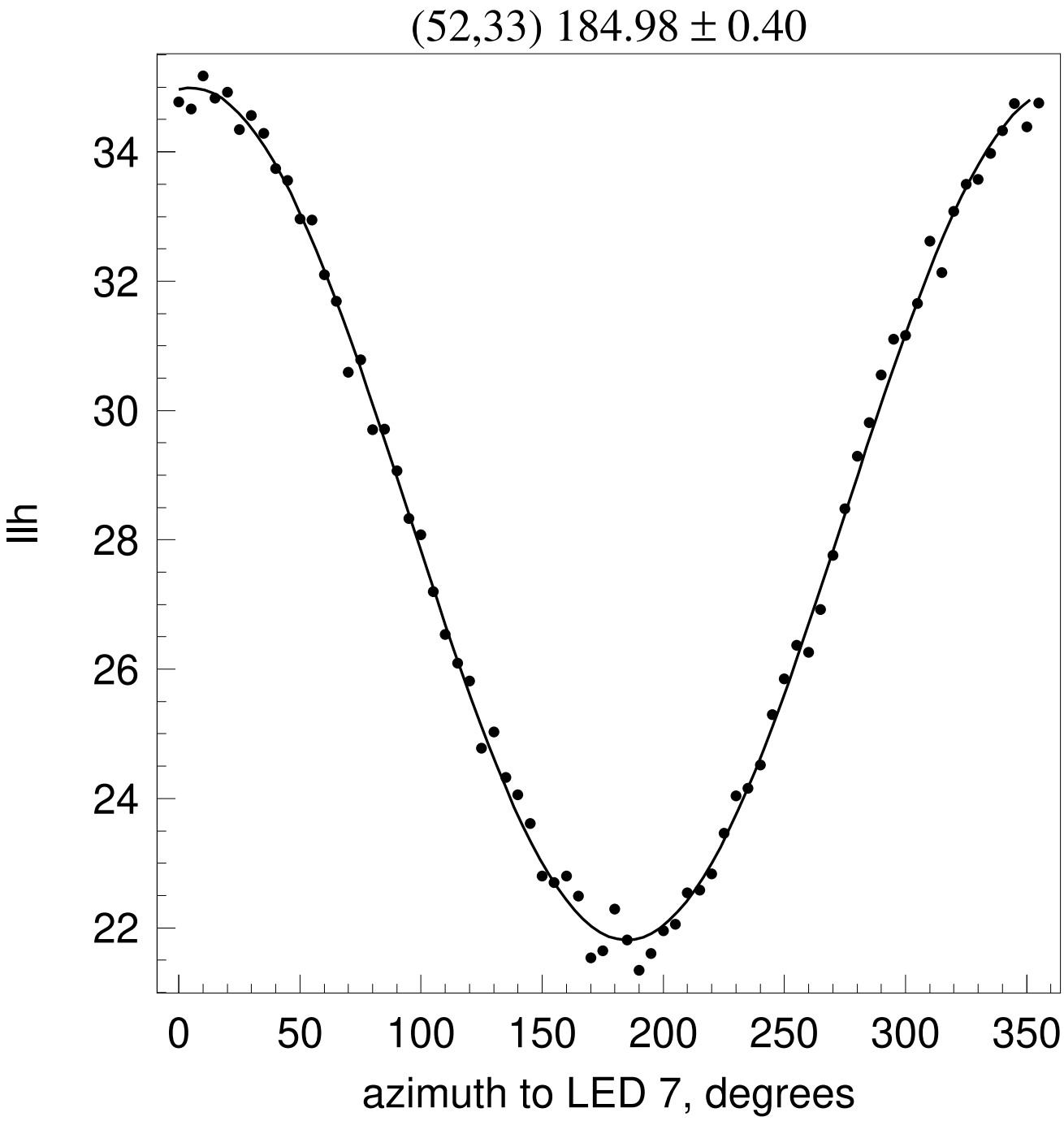

(52,28) 48.31 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

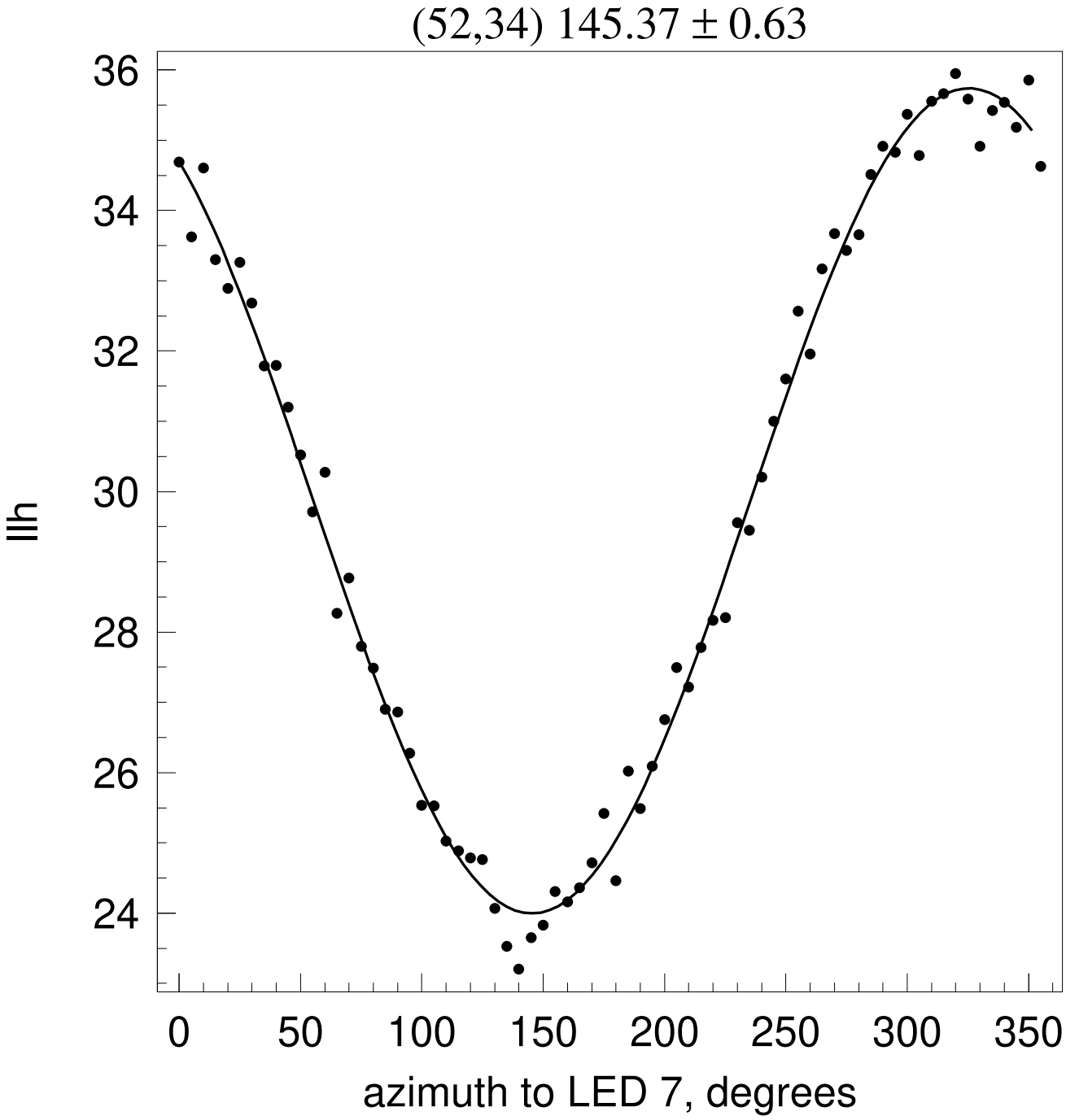

(52,29) 307.93 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

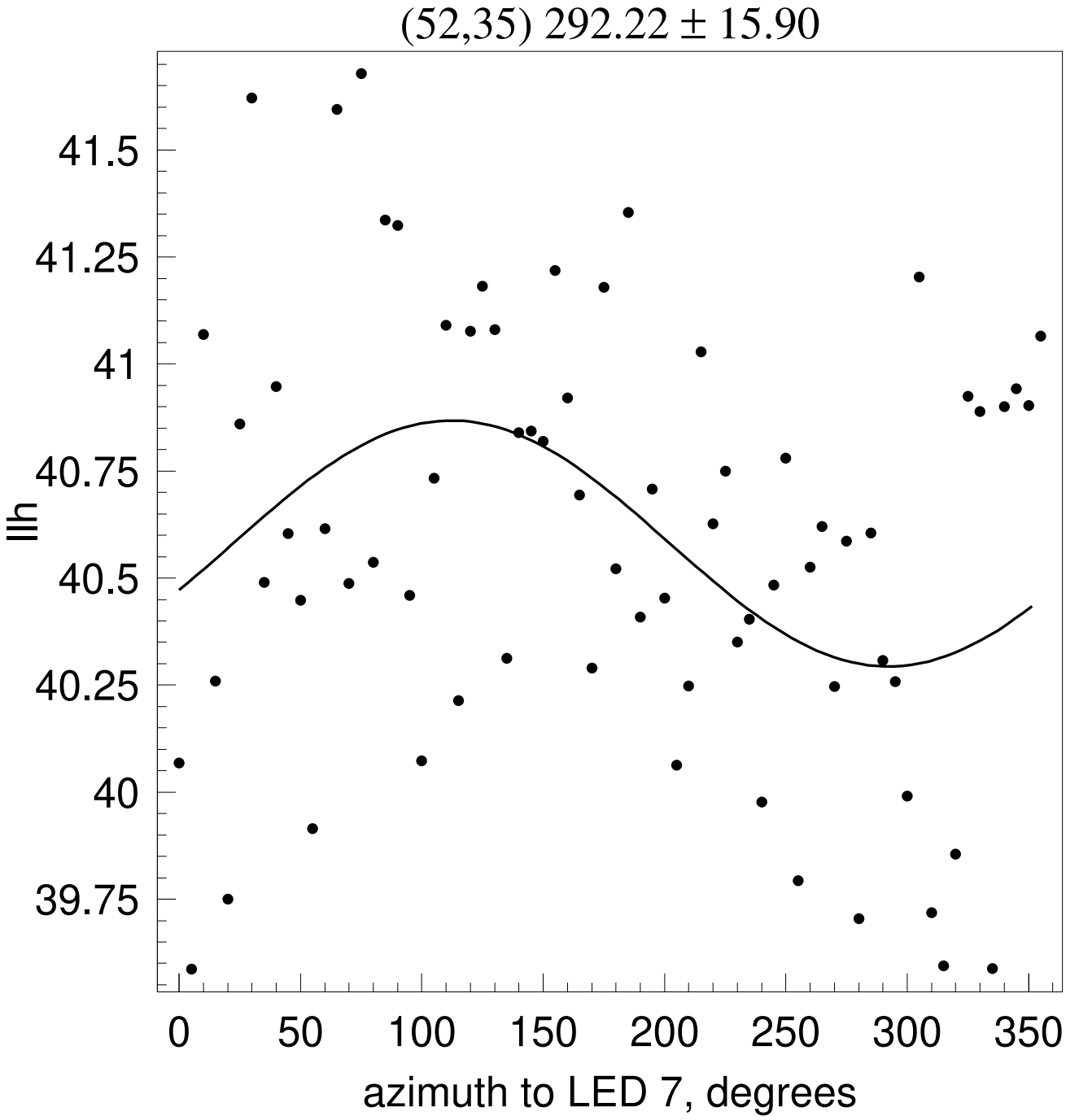

(52,30) 274.80 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

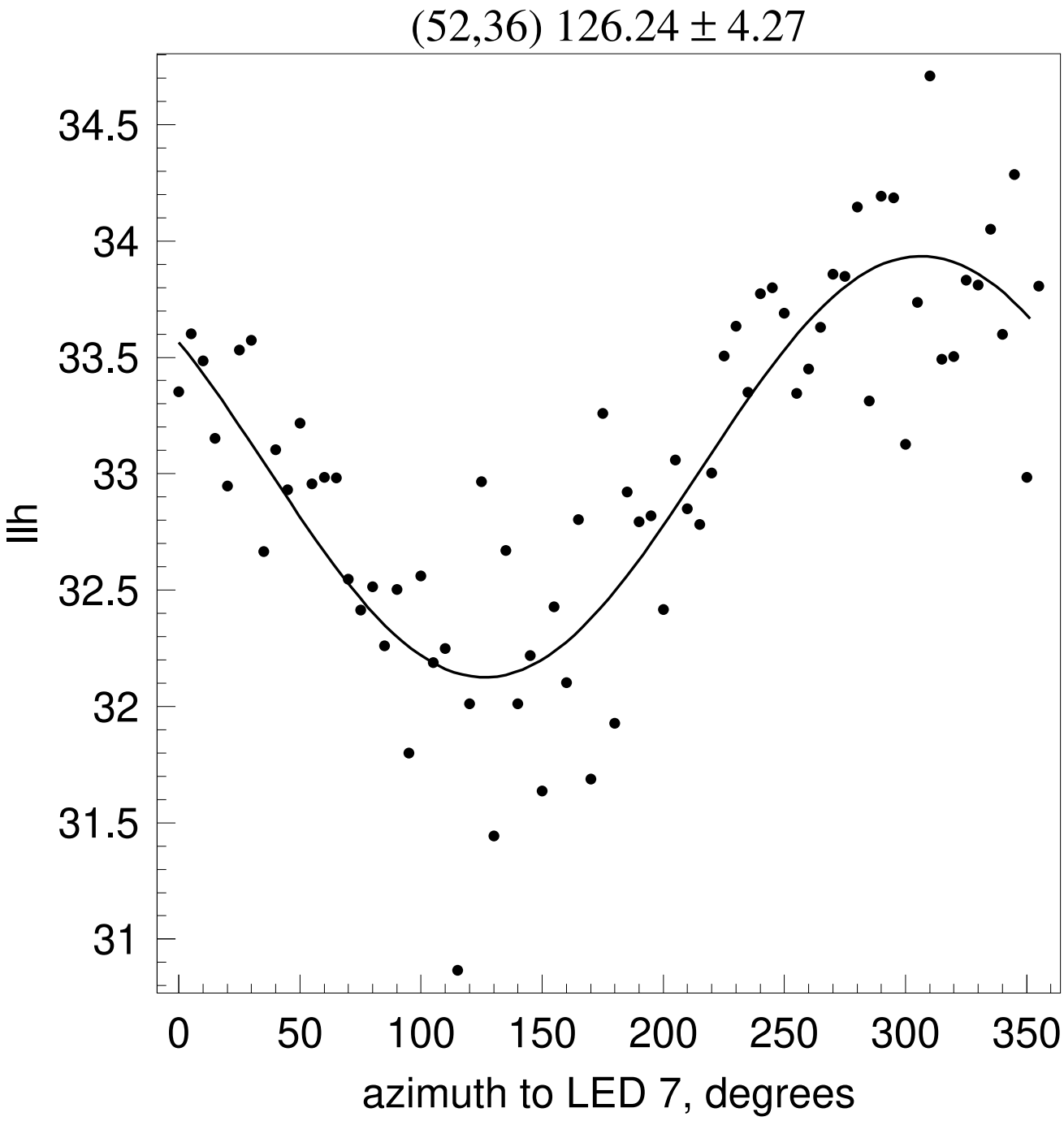

(52,31) 223.69 ± 0.14
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

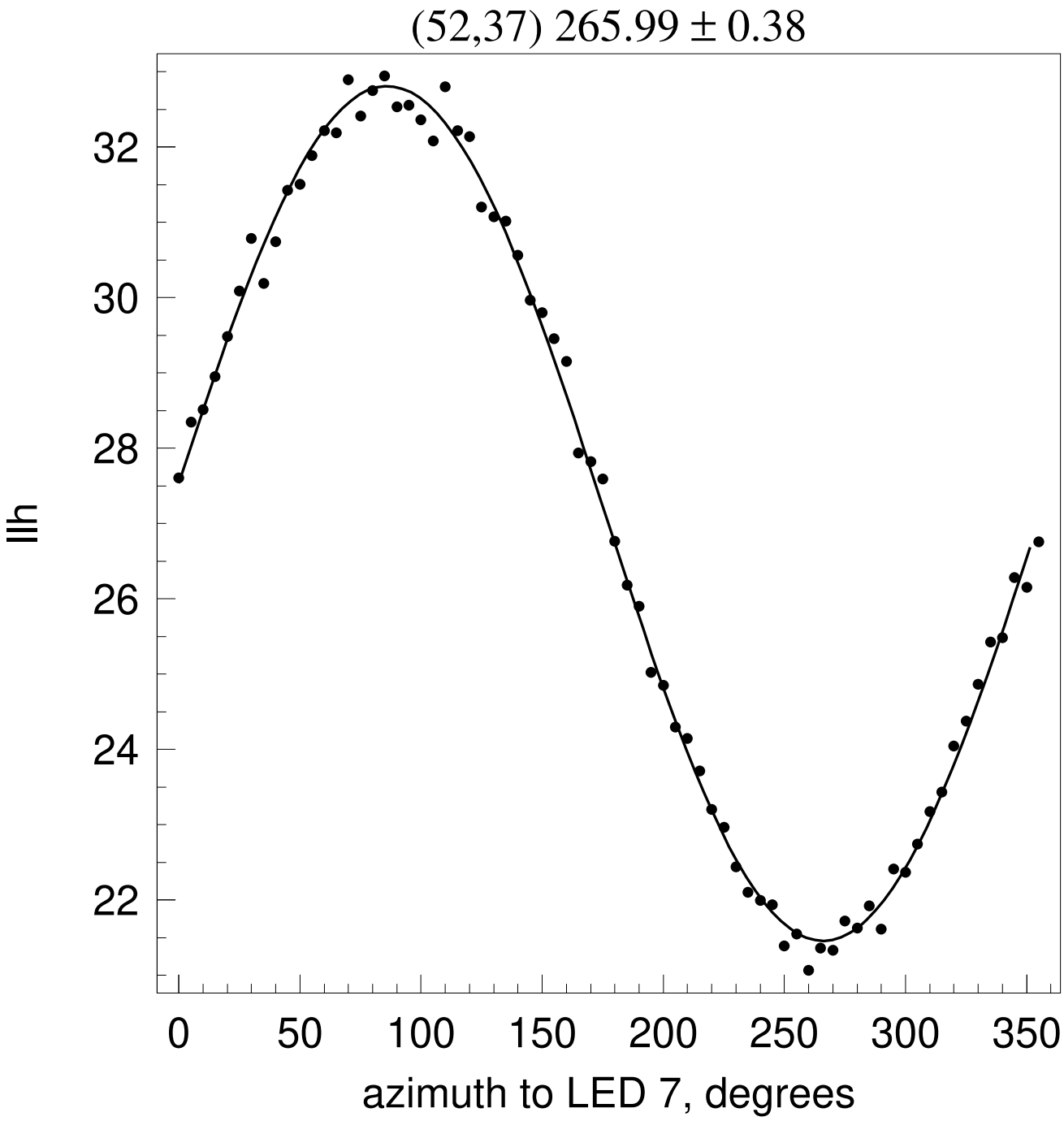

(52,32) 224.04 ± 0.13
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

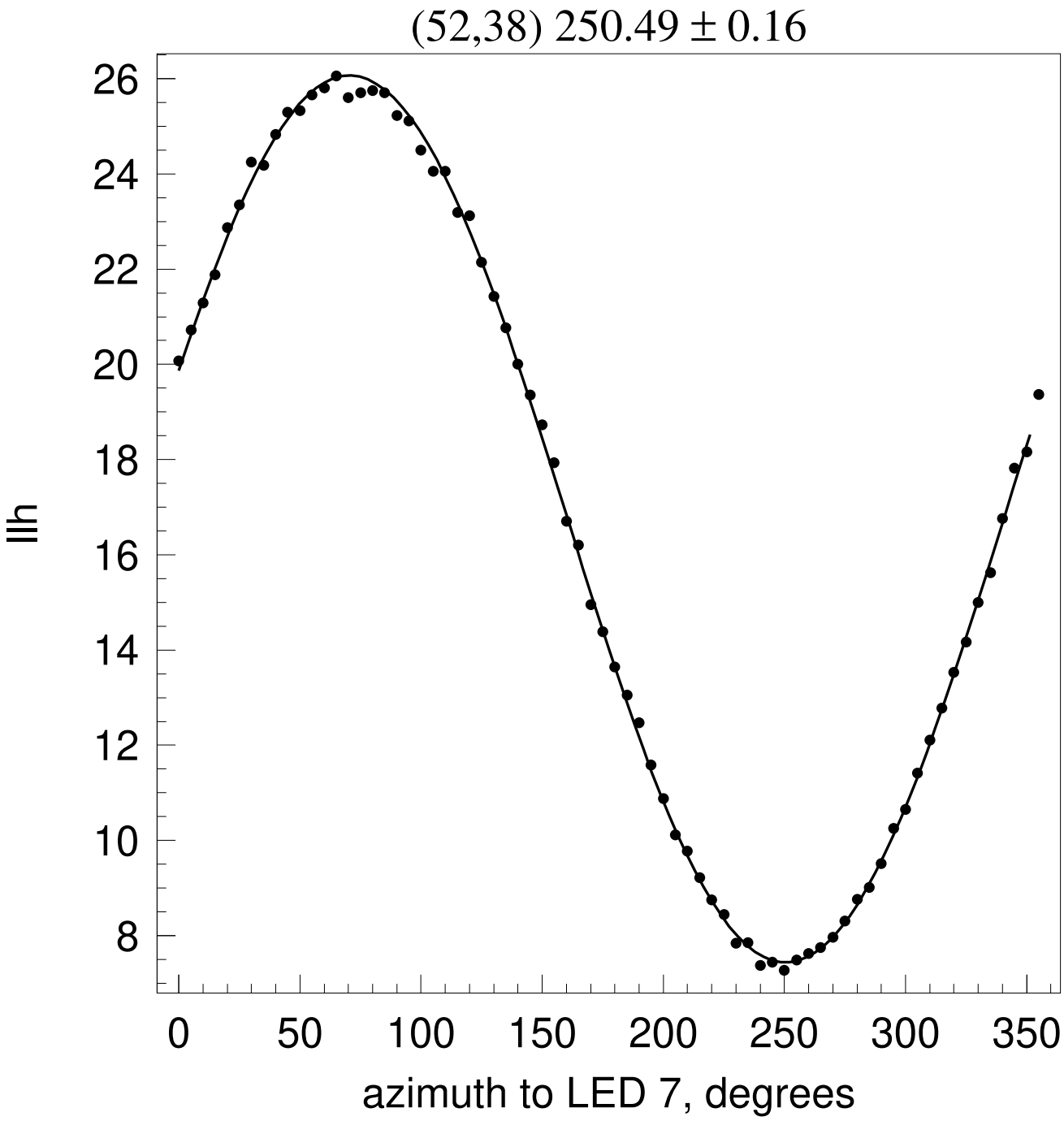

(52,33) 184.98 ± 0.40
34
32
30
28
26
24
22
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

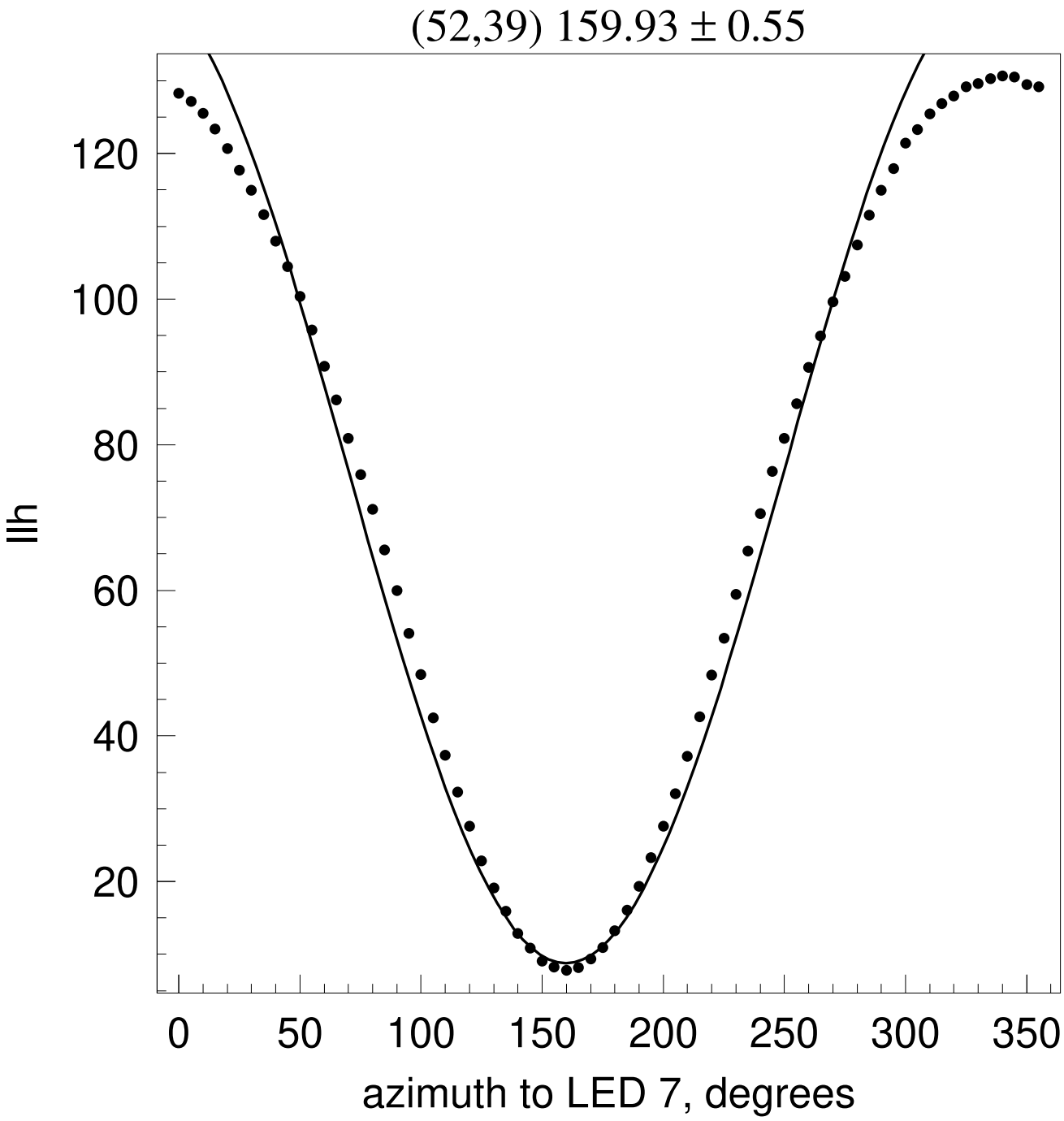

(52,34) 145.37 ± 0.63
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

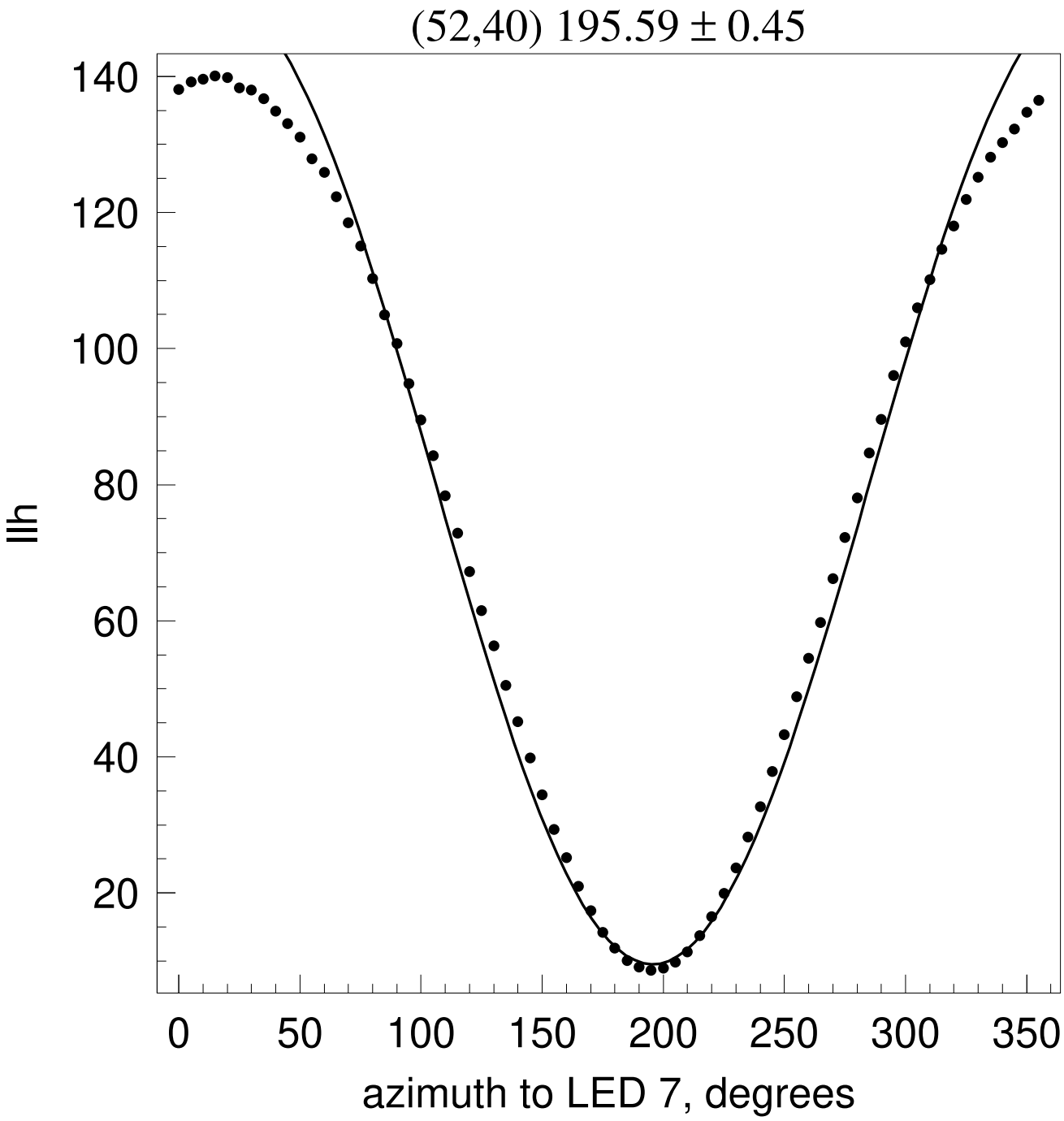

(52,35) 292.22 ± 15.90
41.5
41.25
41
40.75
40.5
40.25
40
39.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

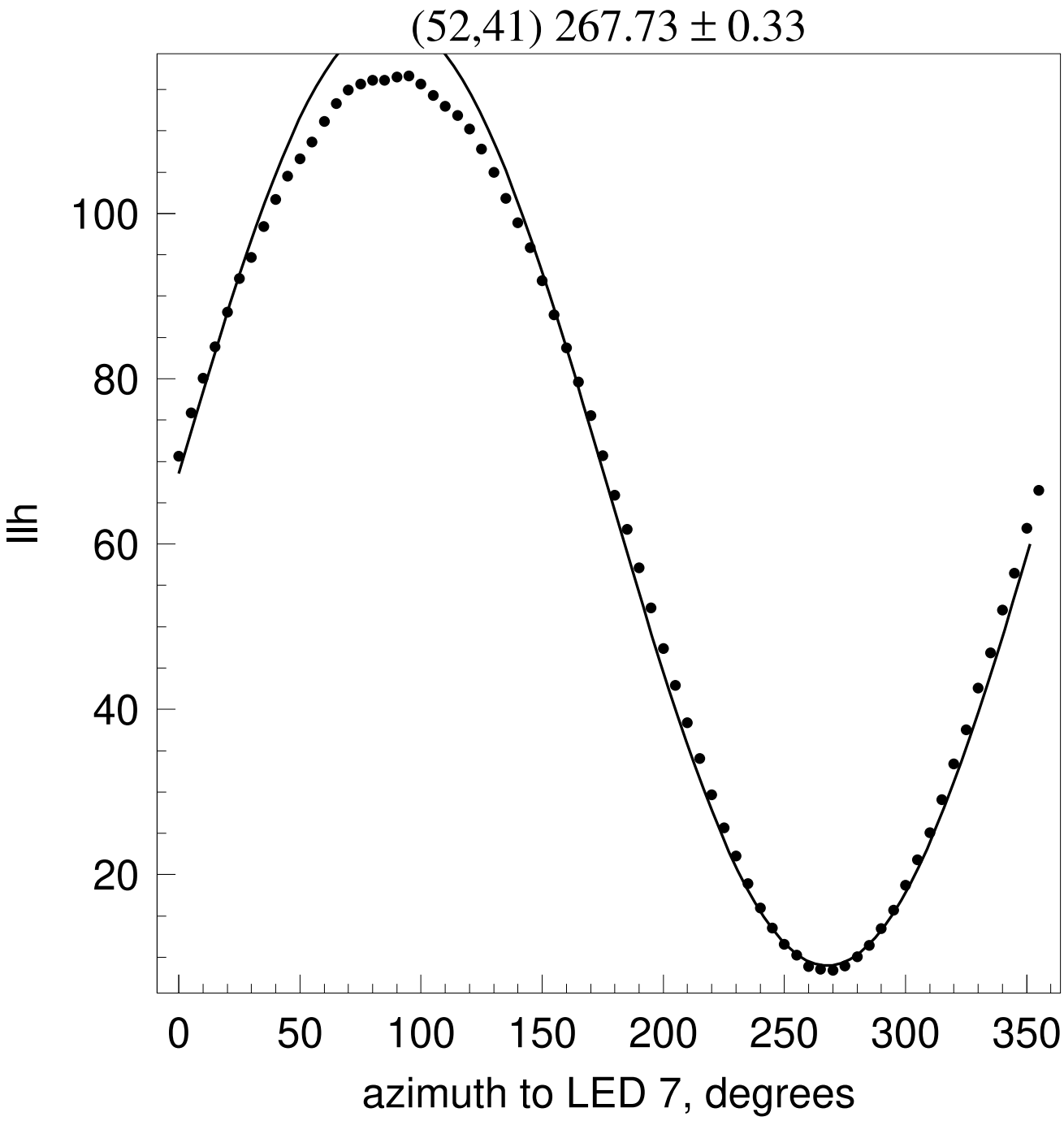

(52,36) 126.24 ± 4.27
34.5
34
33.5
33
32.5
32
31.5
31
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

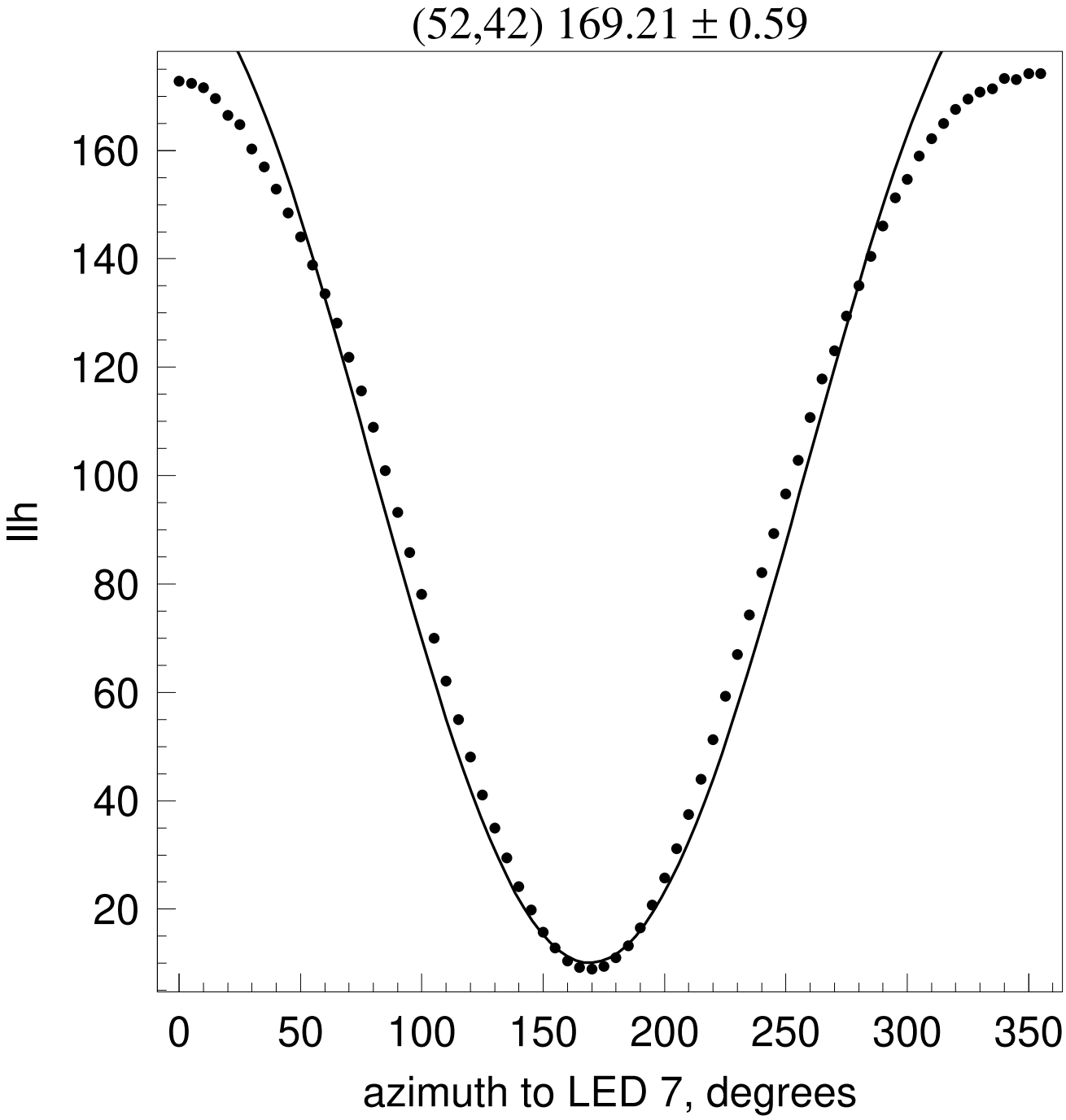

(52,37) 265.99 ± 0.38
32
30
28
26
24
22
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

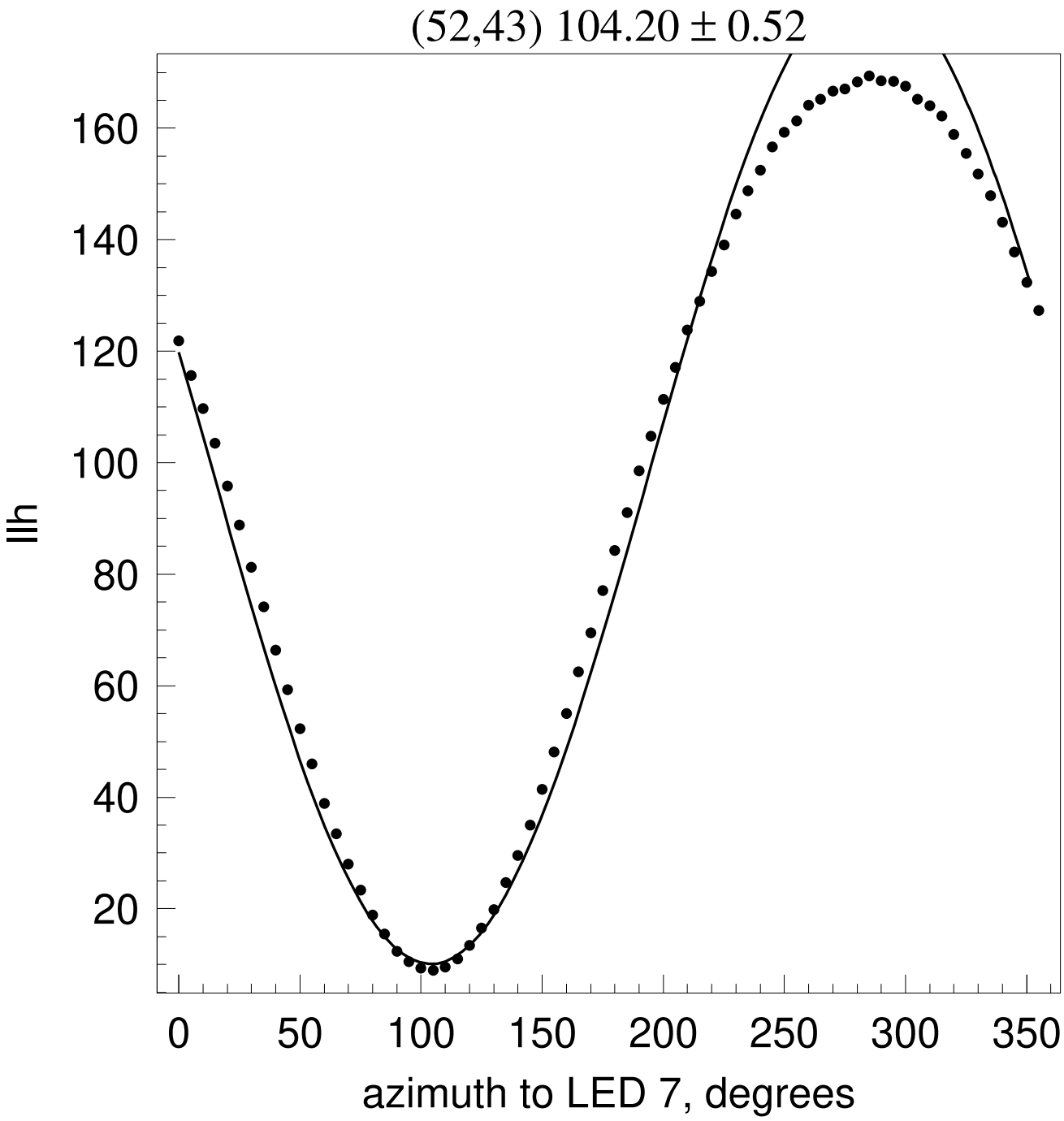

(52,38) 250.49 ± 0.16
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

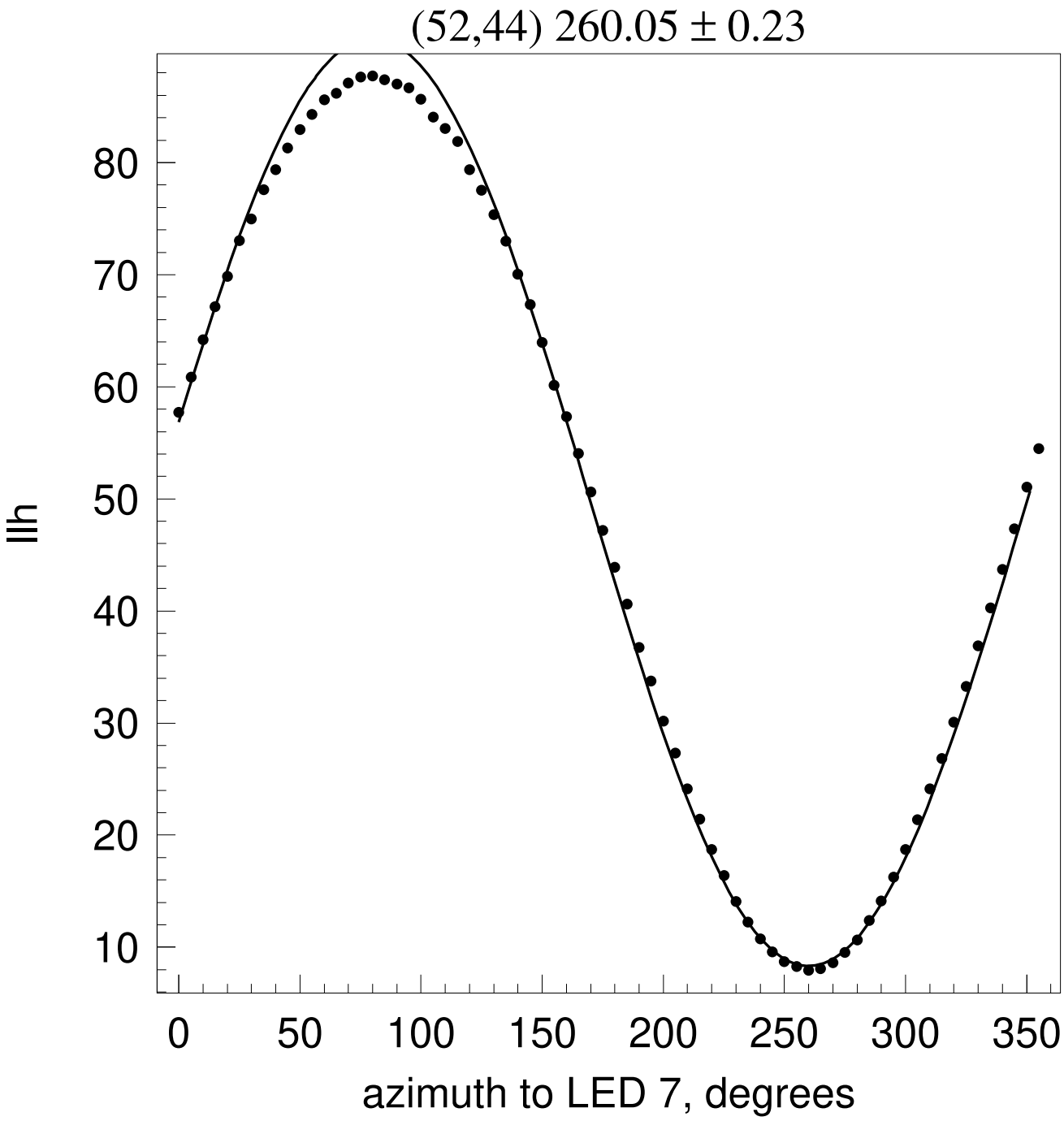

(52,39) 159.93 ± 0.55
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

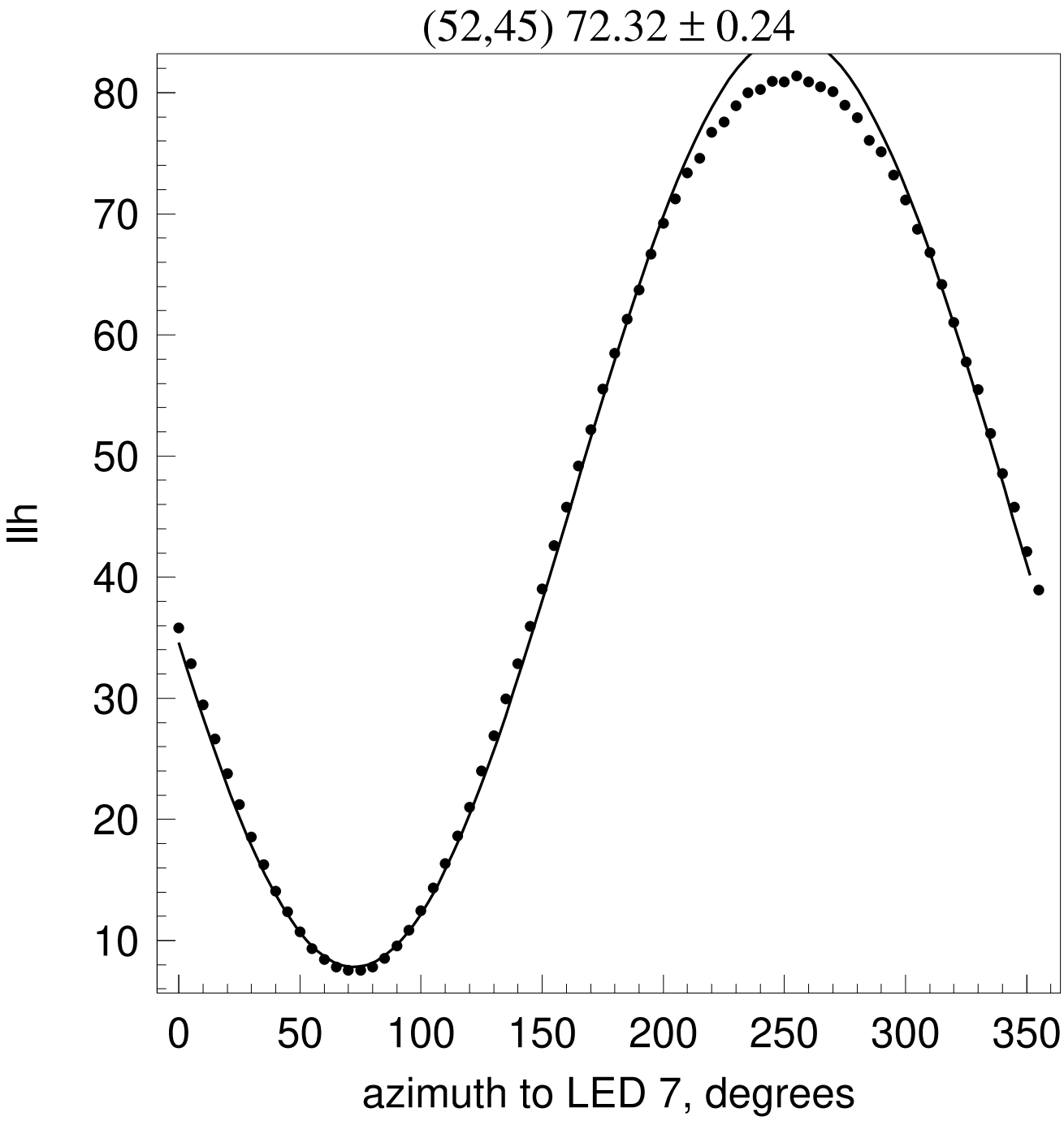

(52,40) 195.59 ± 0.45
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

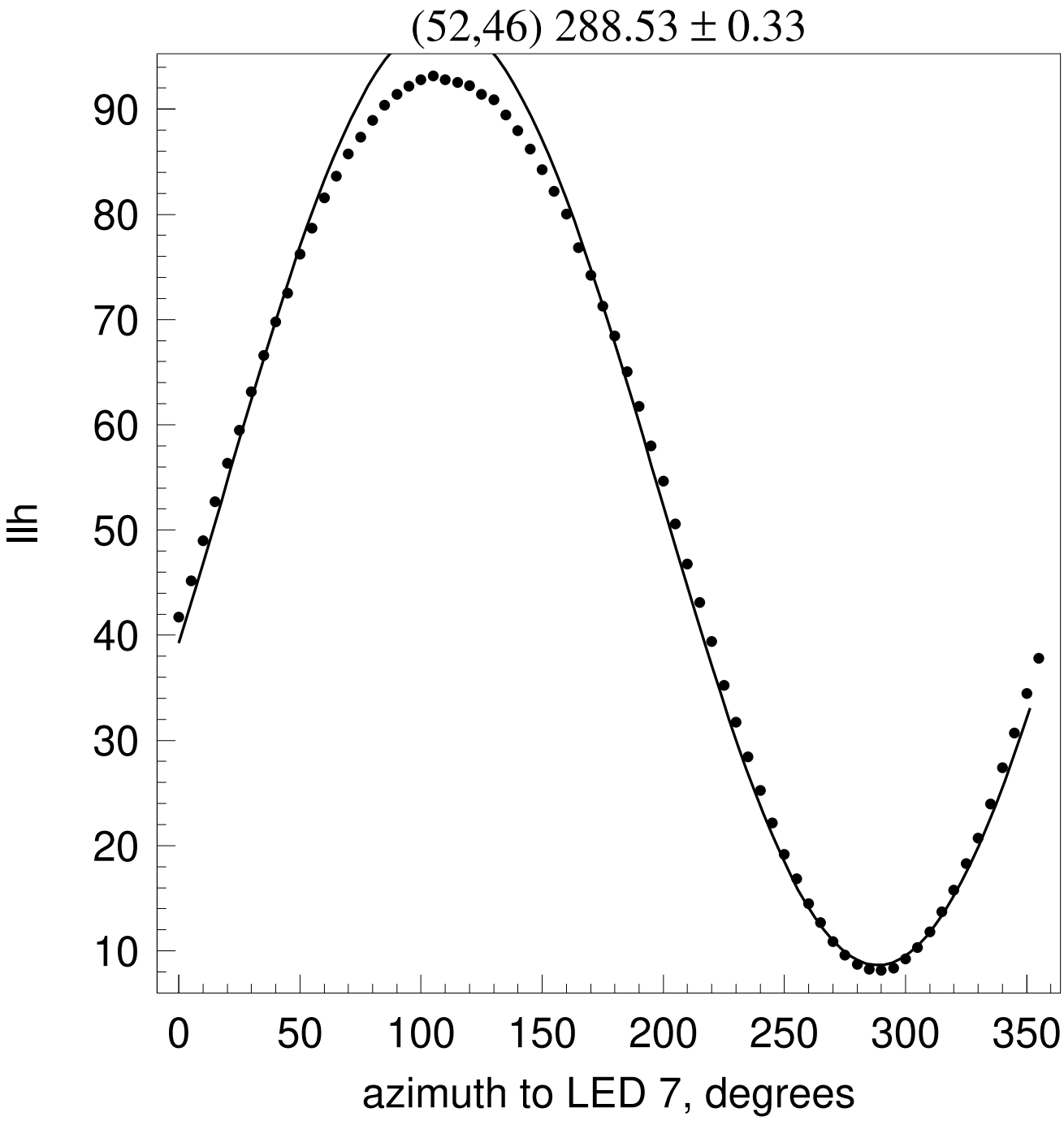

(52,41) 267.73 ± 0.33
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

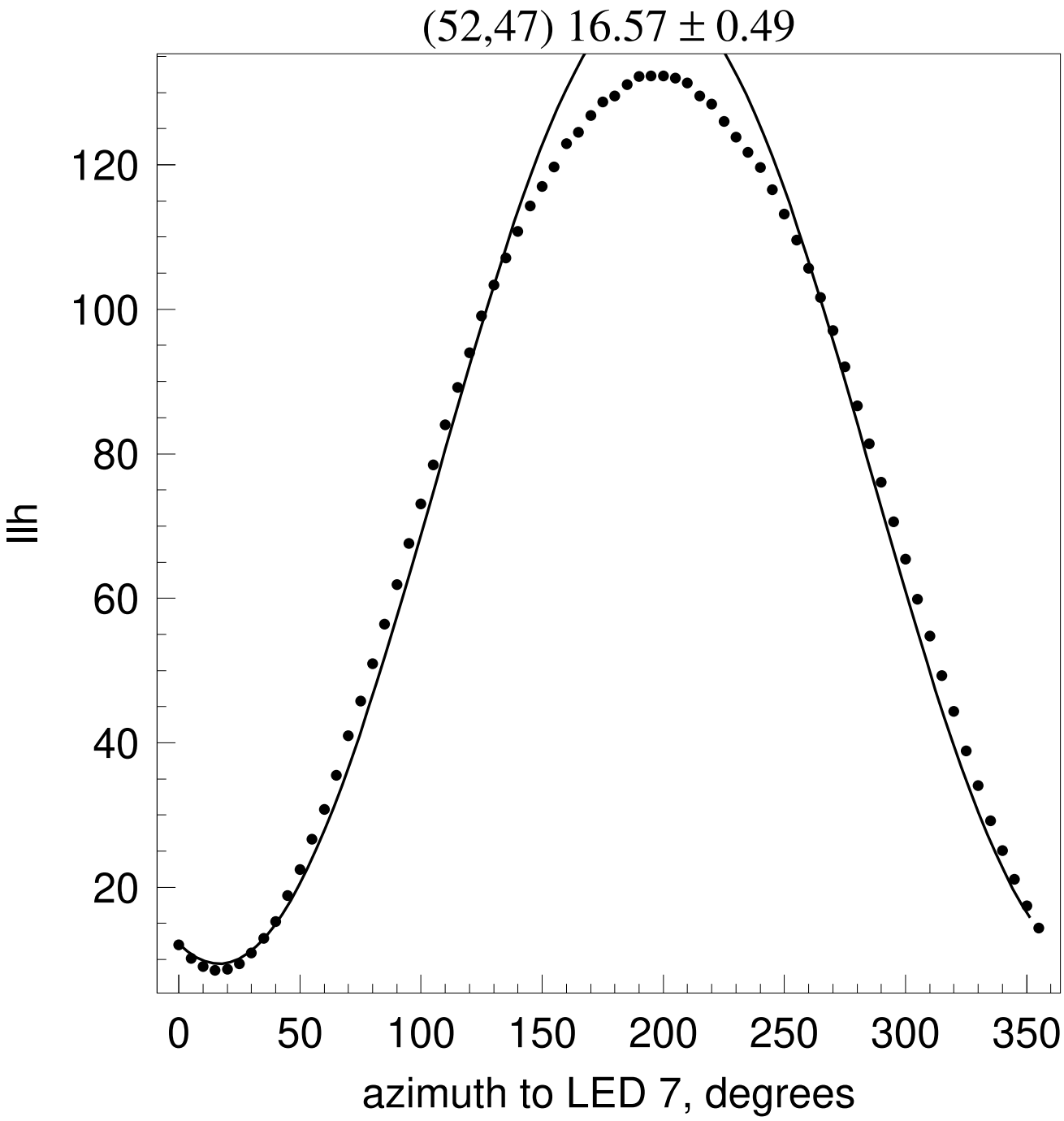

(52,42) 169.21 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

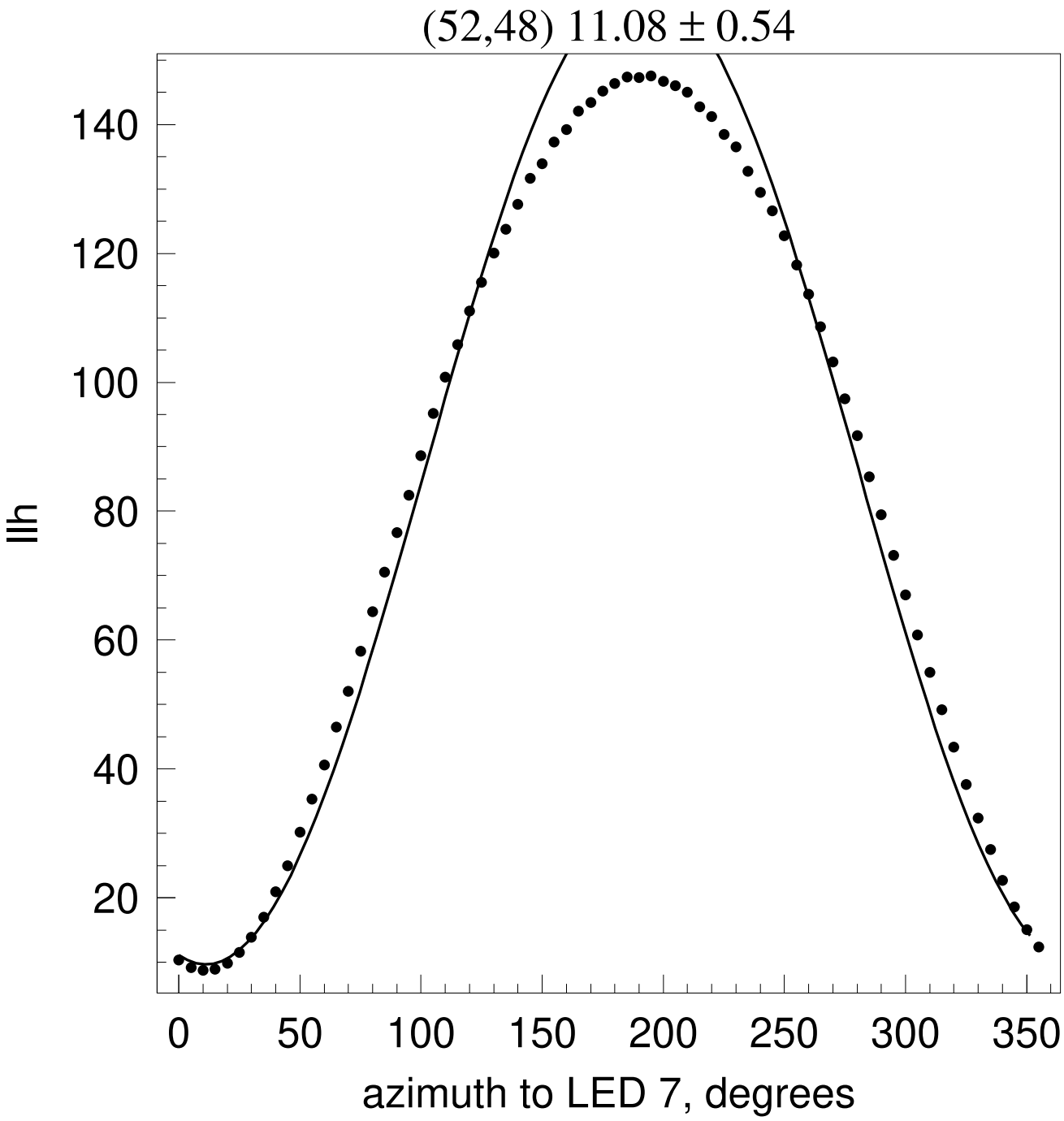

(52,43) 104.20 ± 0.52
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

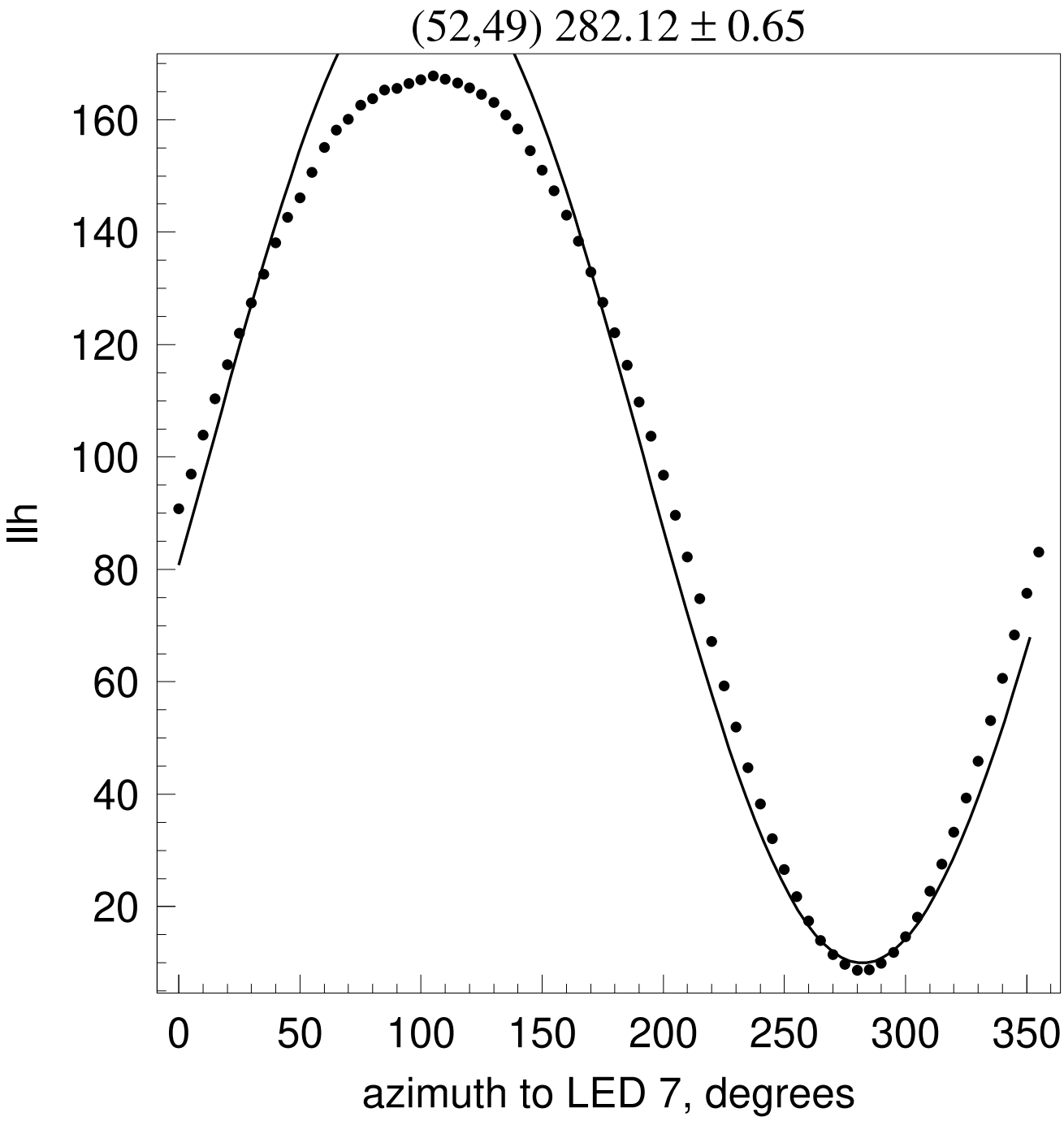

(52,44) 260.05 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

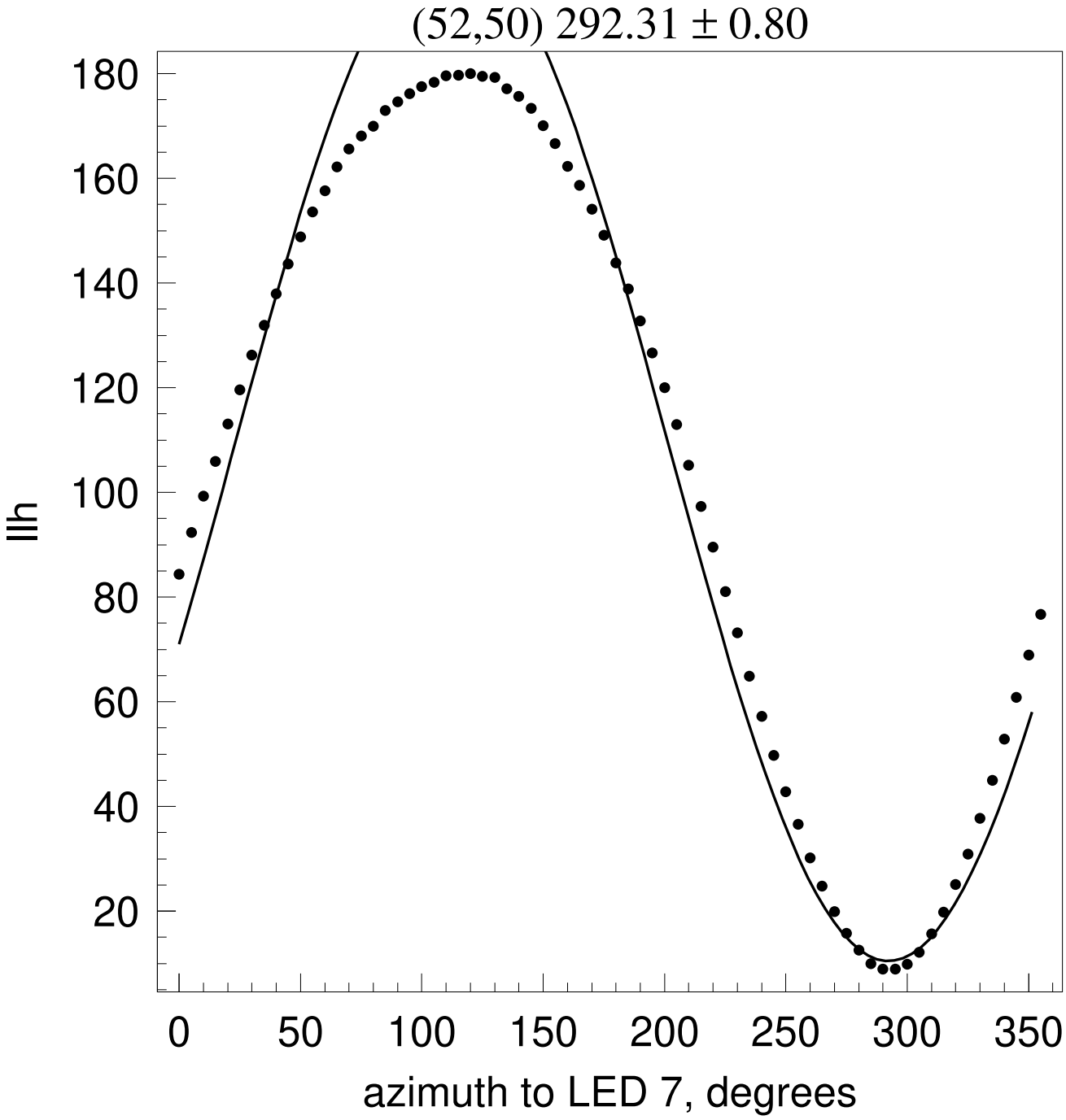

(52,45) 72.32 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

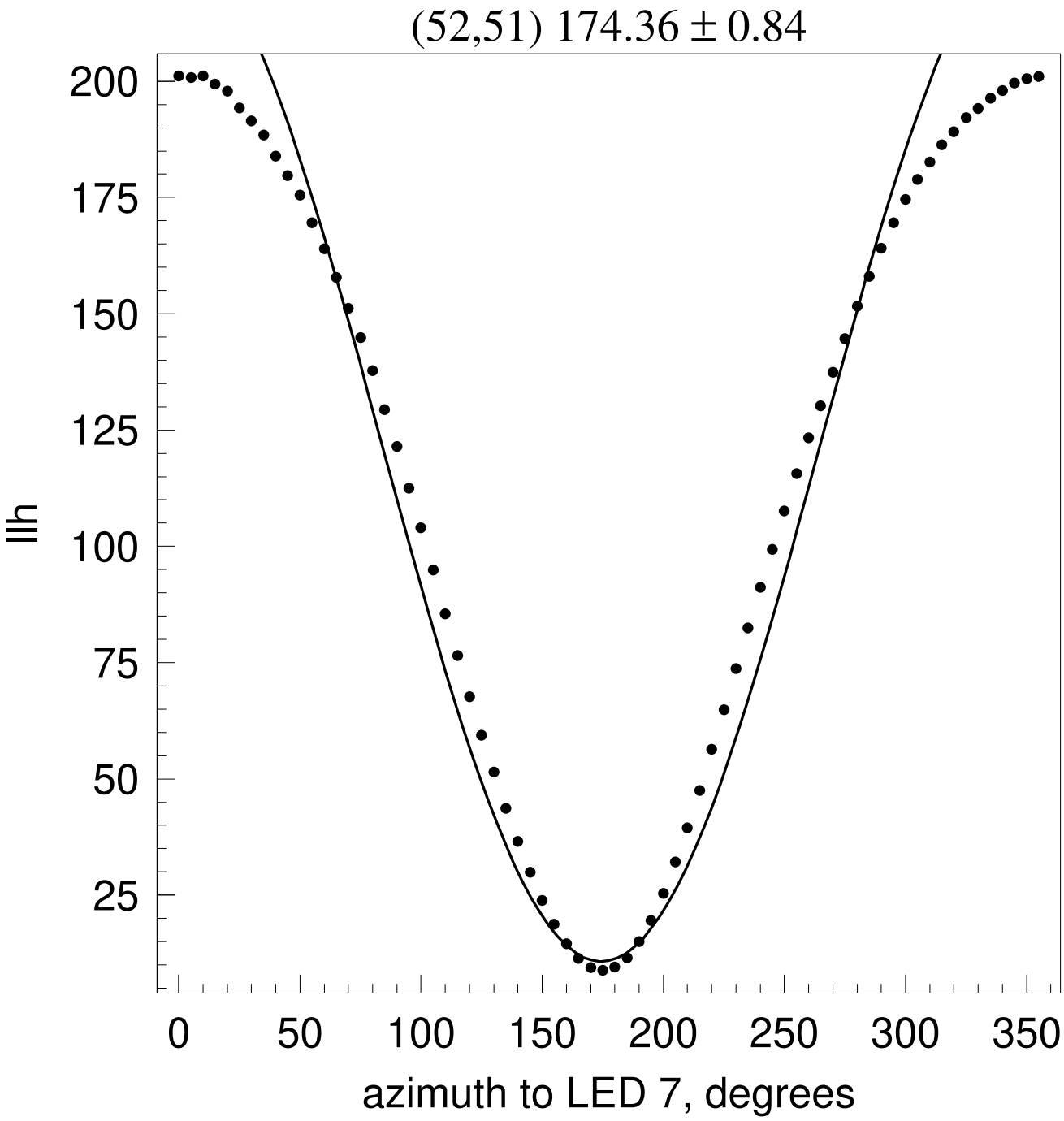

(52,46) 288.53 ± 0.33
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

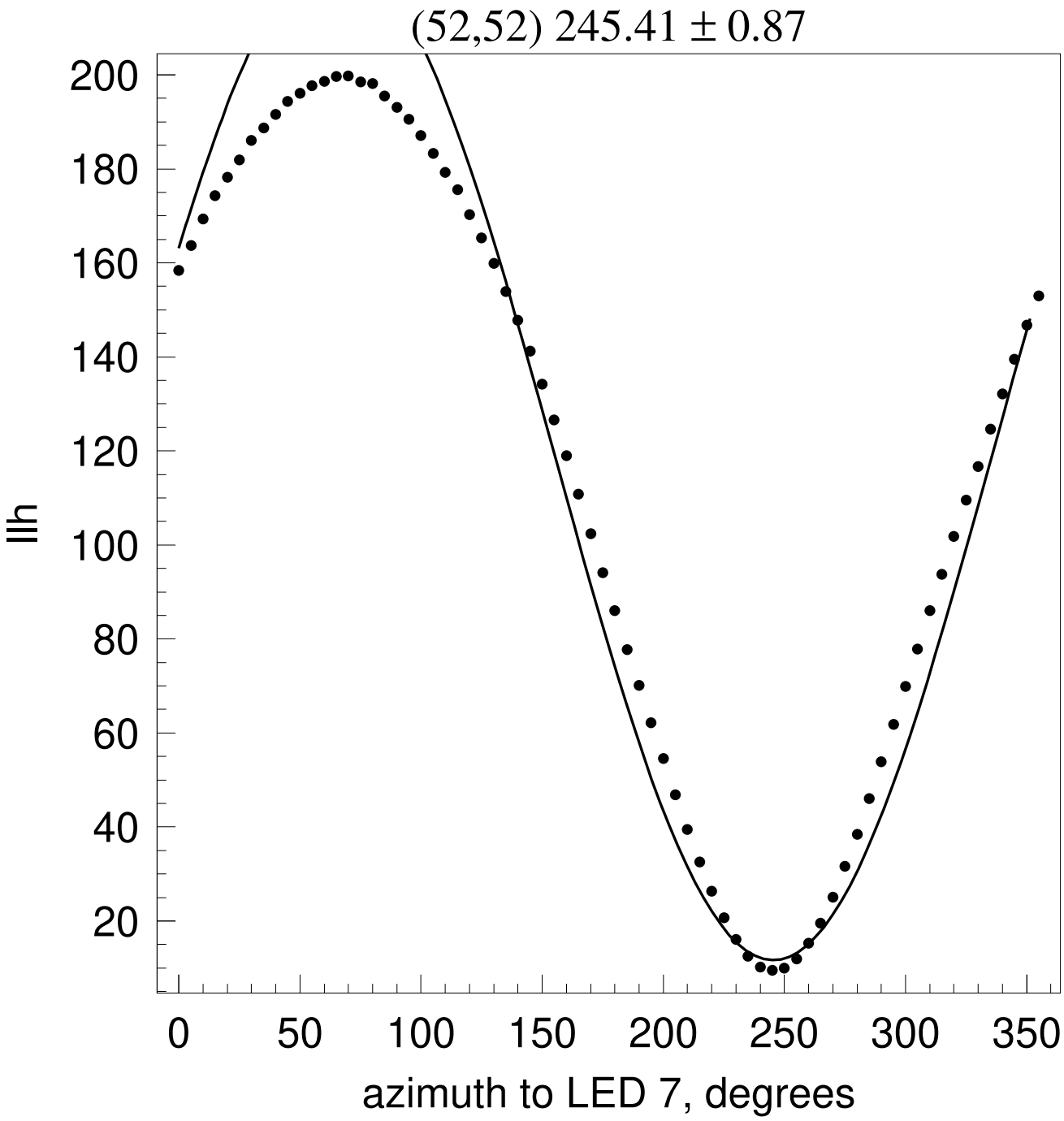

(52,47) 16.57 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

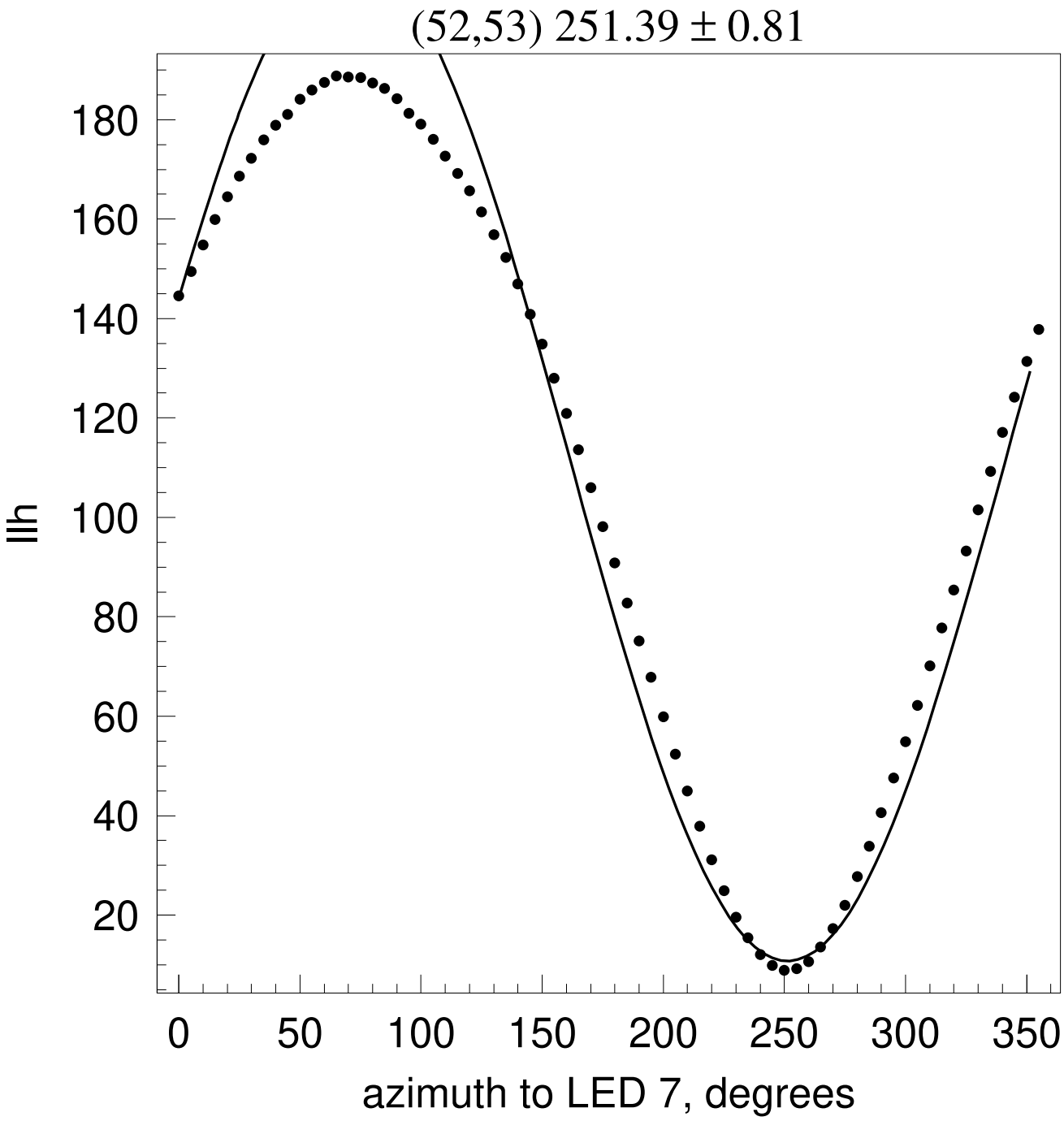

(52,48) 11.08 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

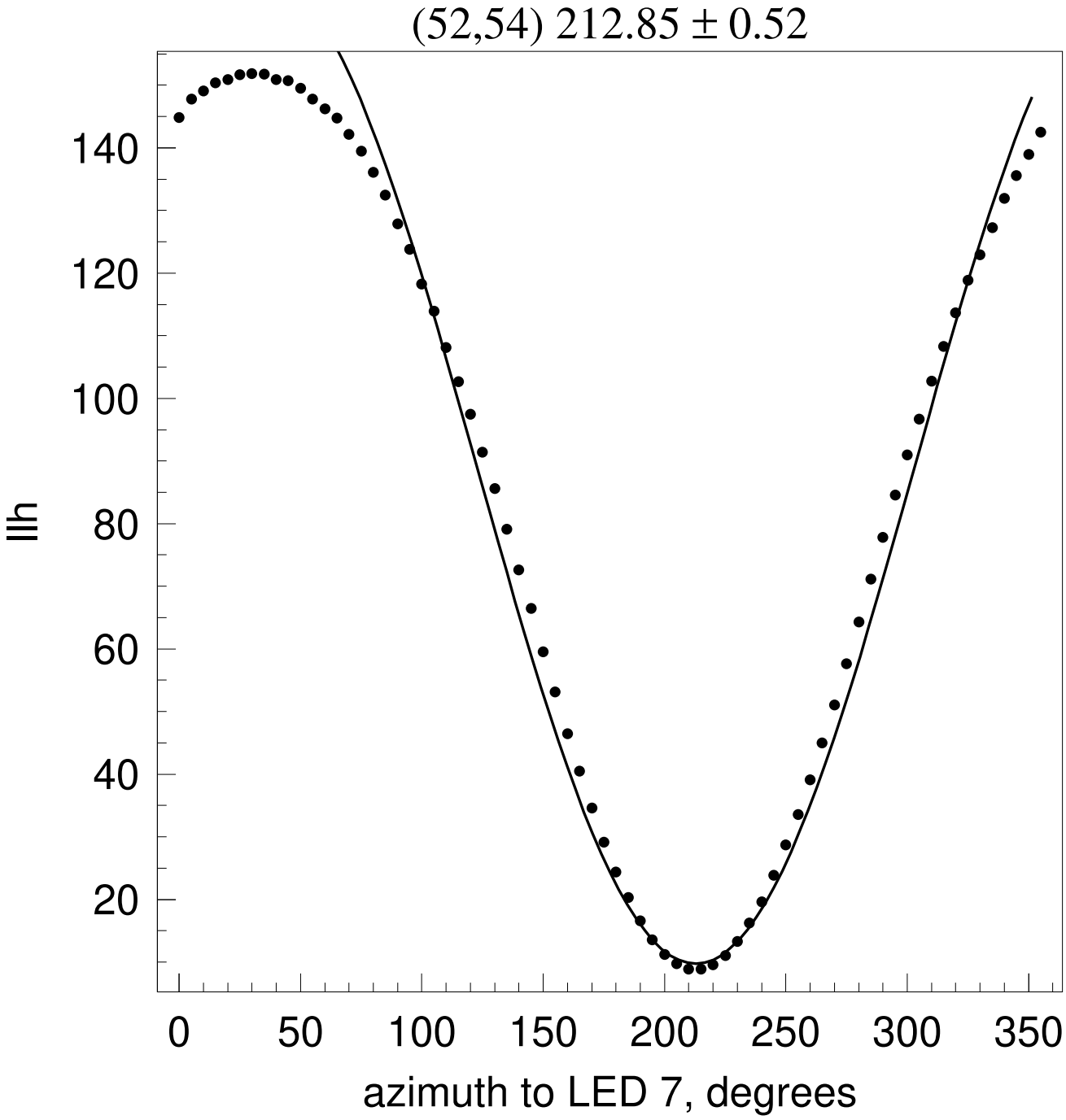

(52,49) 282.12 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

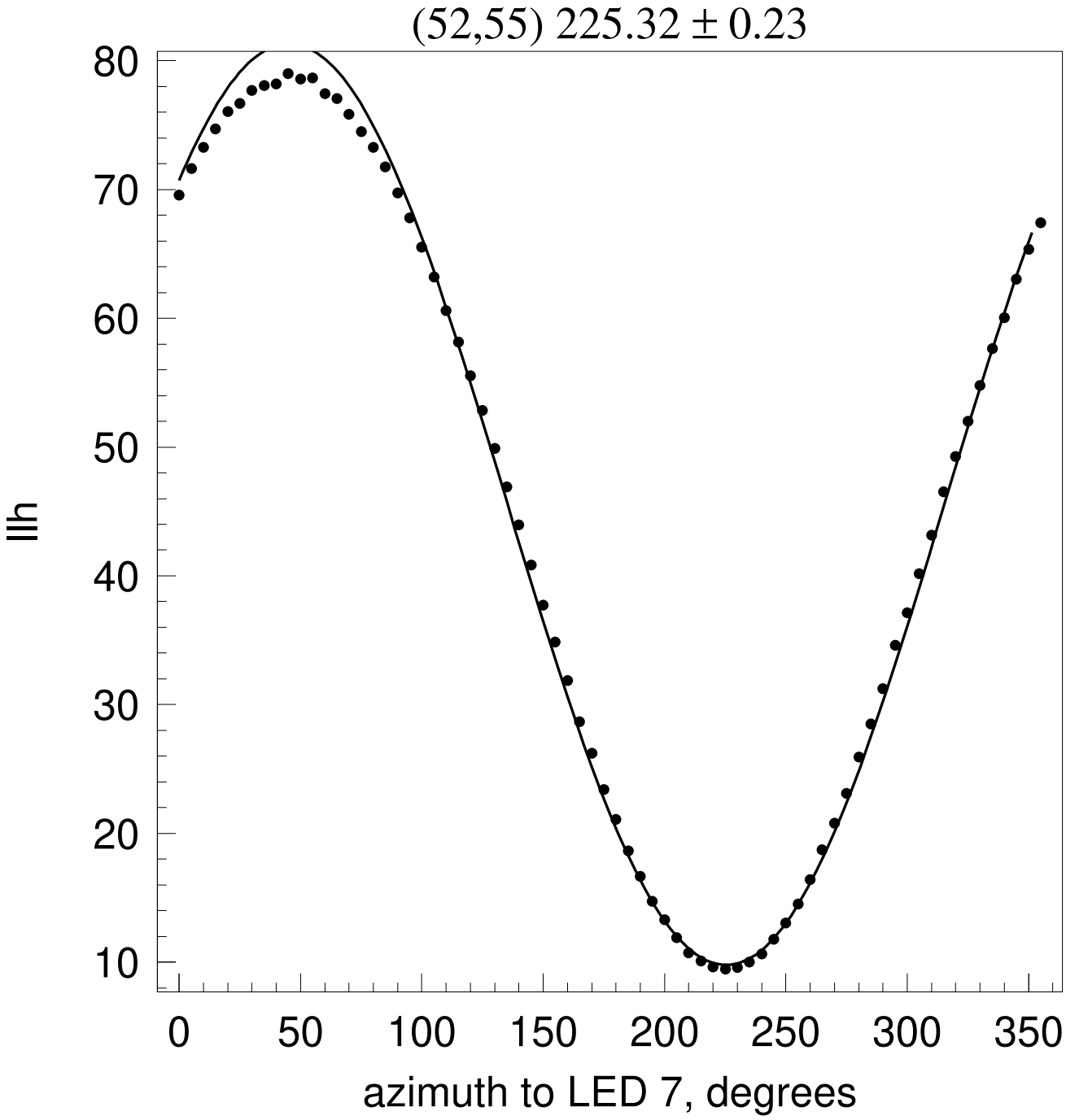

(52,50) 292.31 ± 0.80
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

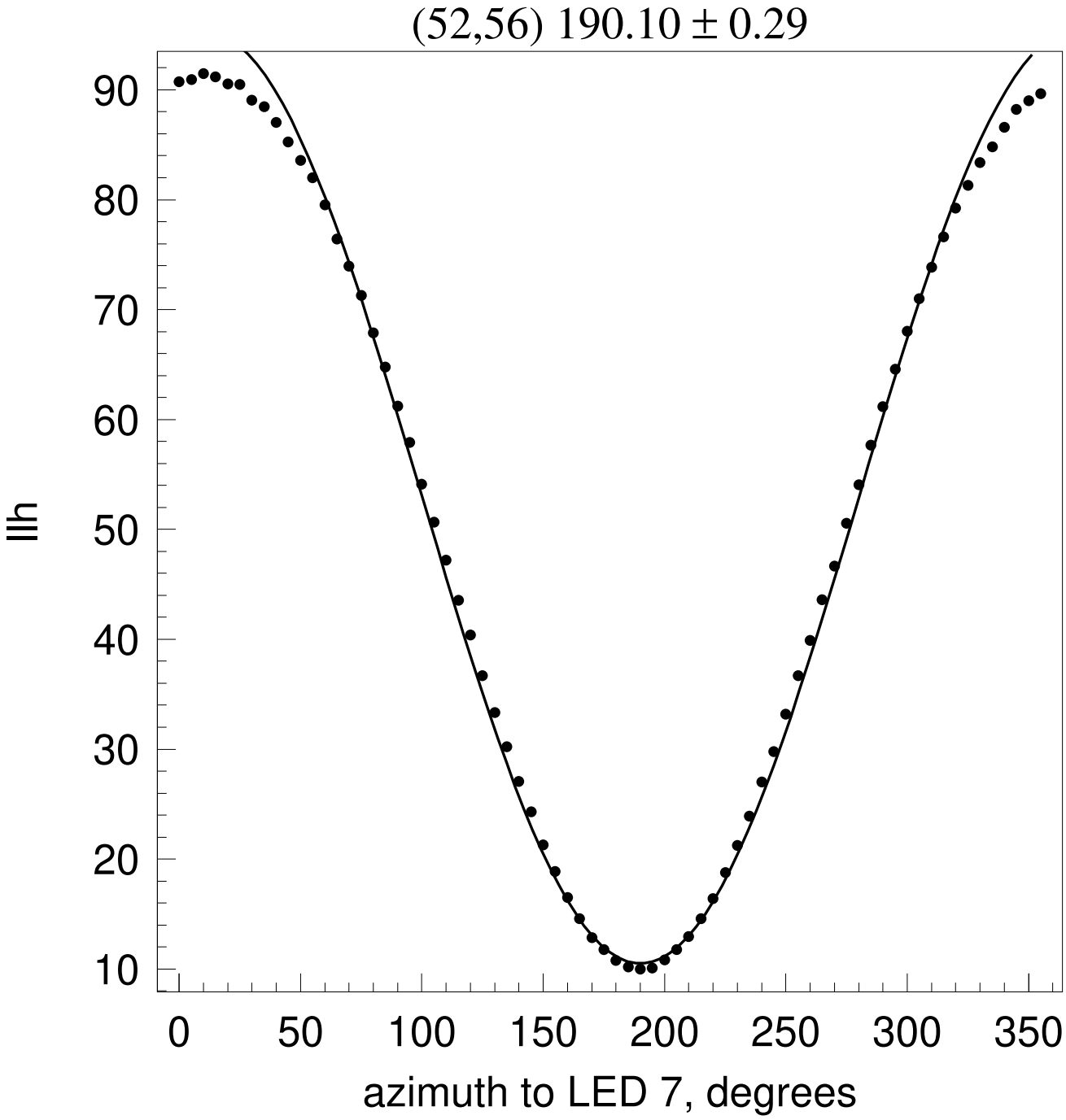

(52,51) 174.36 ± 0.84
200
175
150
125
100
75
50
25
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

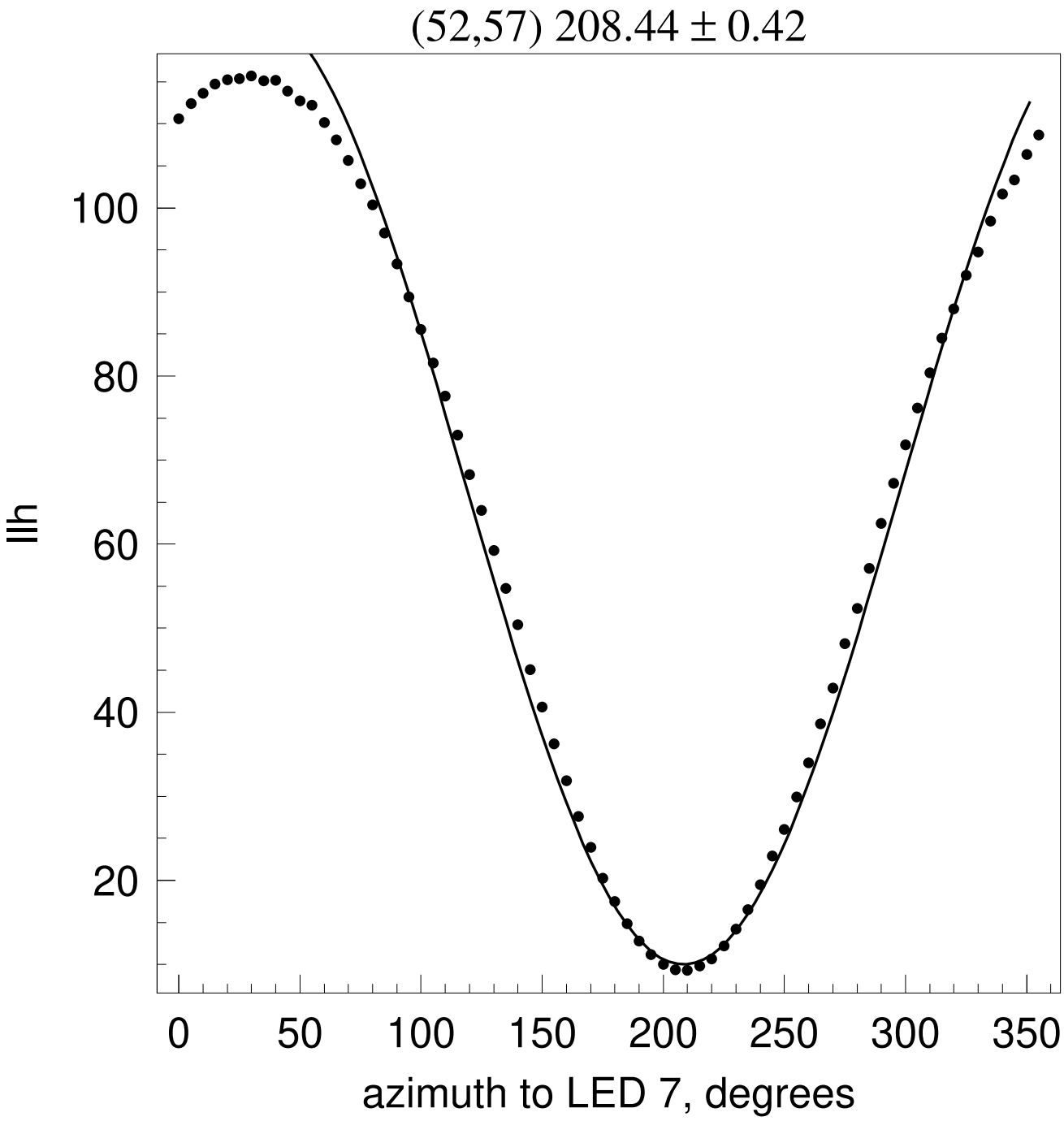

(52,52) 245.41 ± 0.87
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

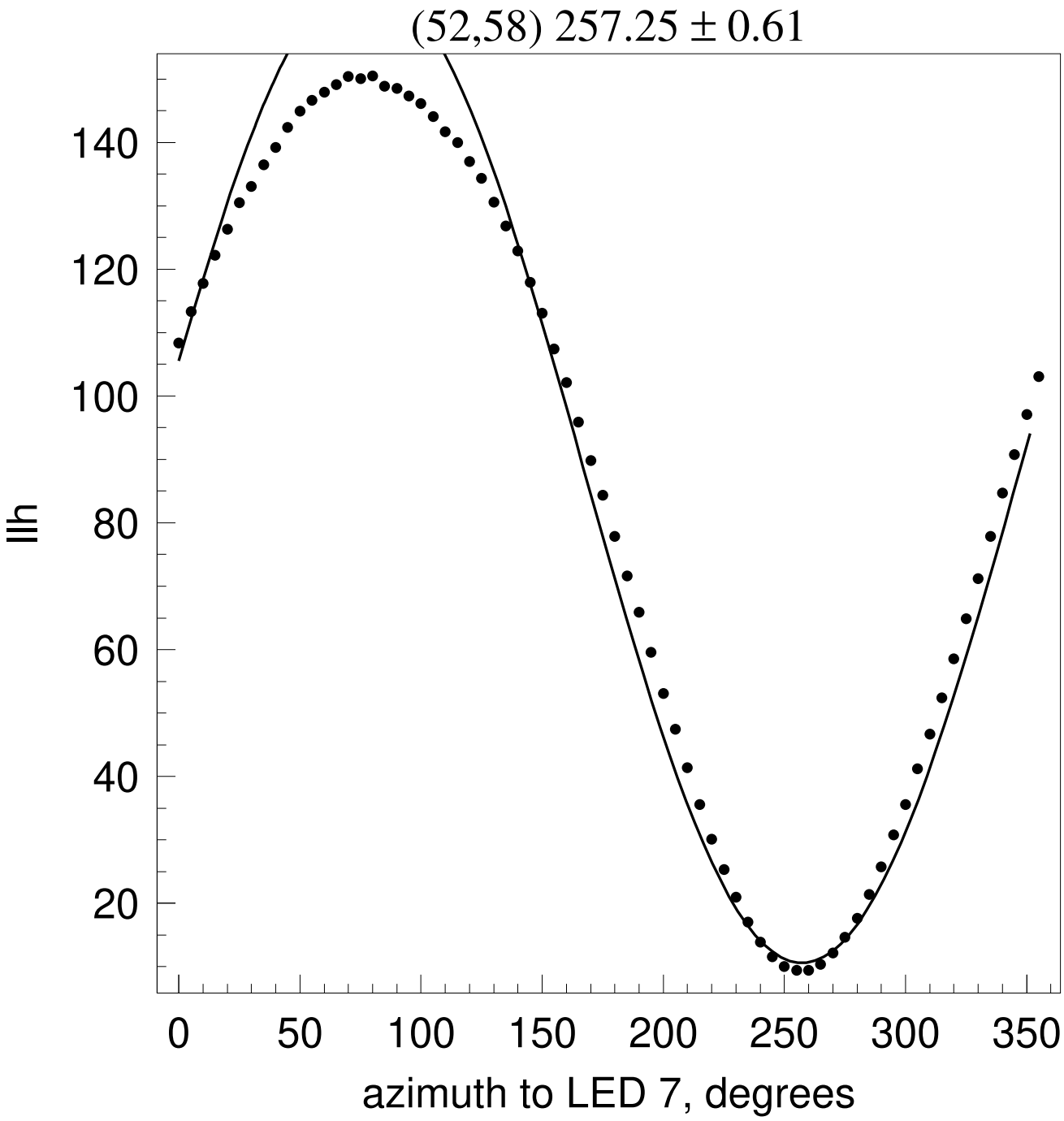

(52,53) 251.39 ± 0.81
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

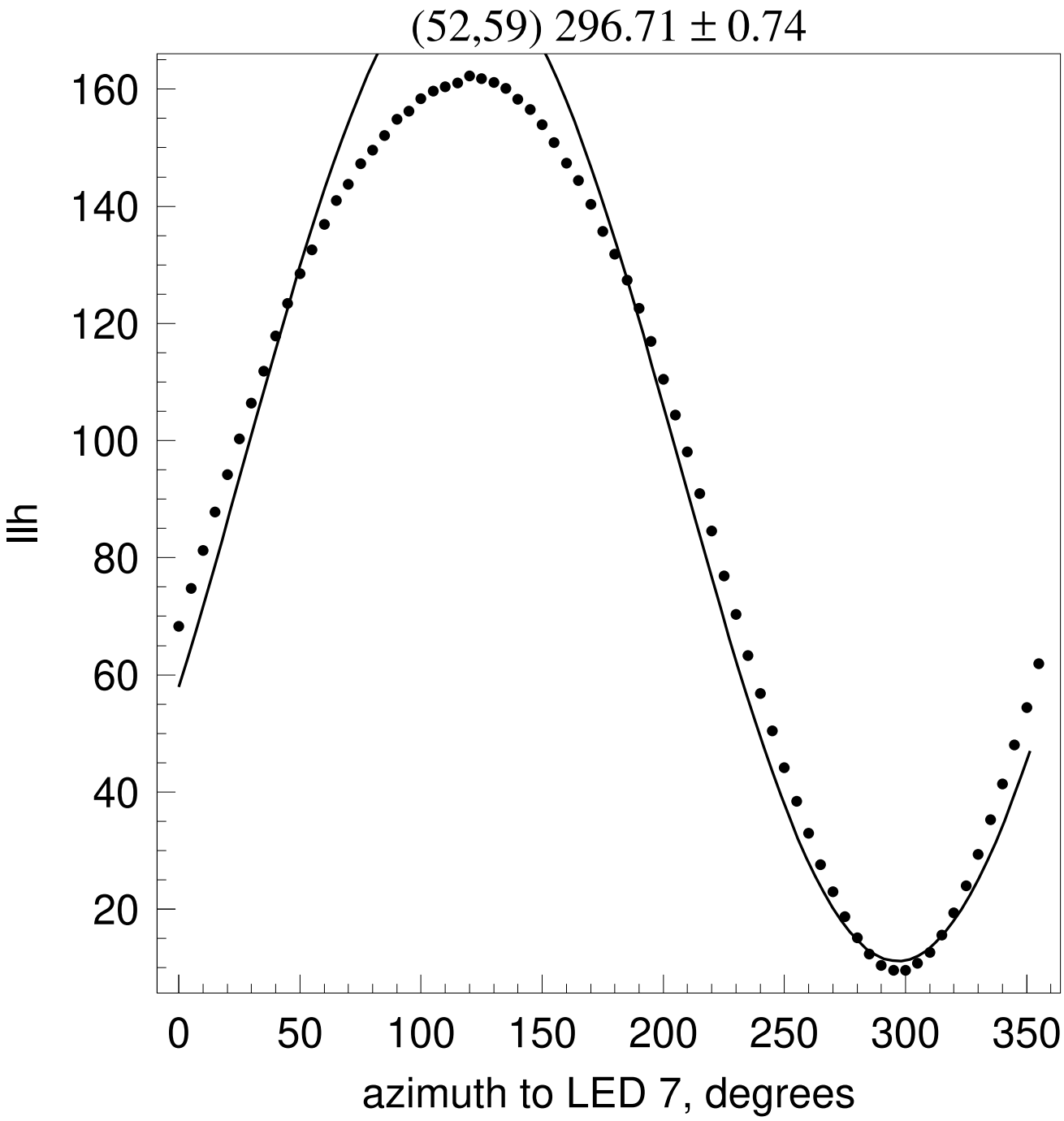

(52,54) 212.85 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

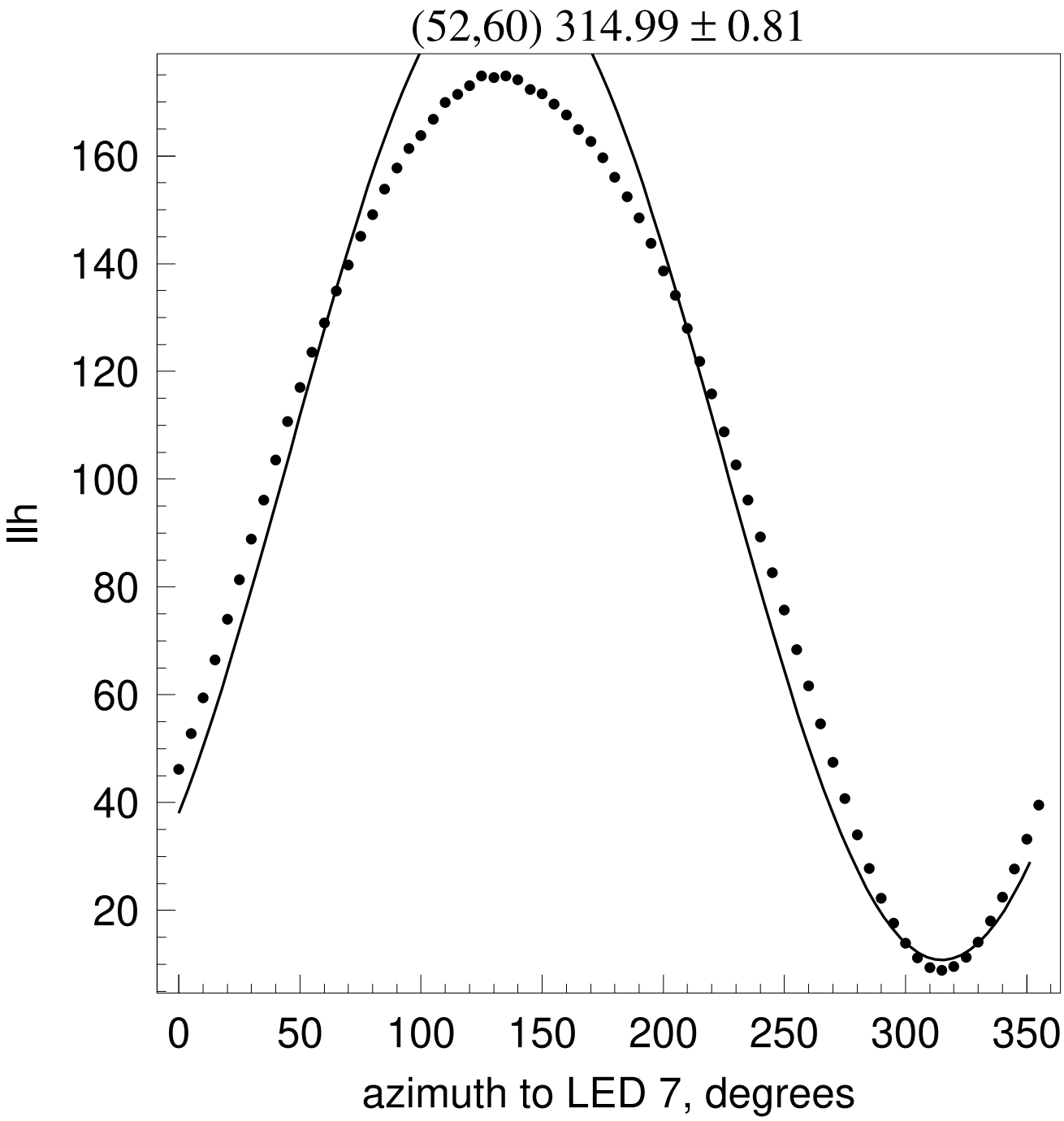

(52,55) 225.32 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

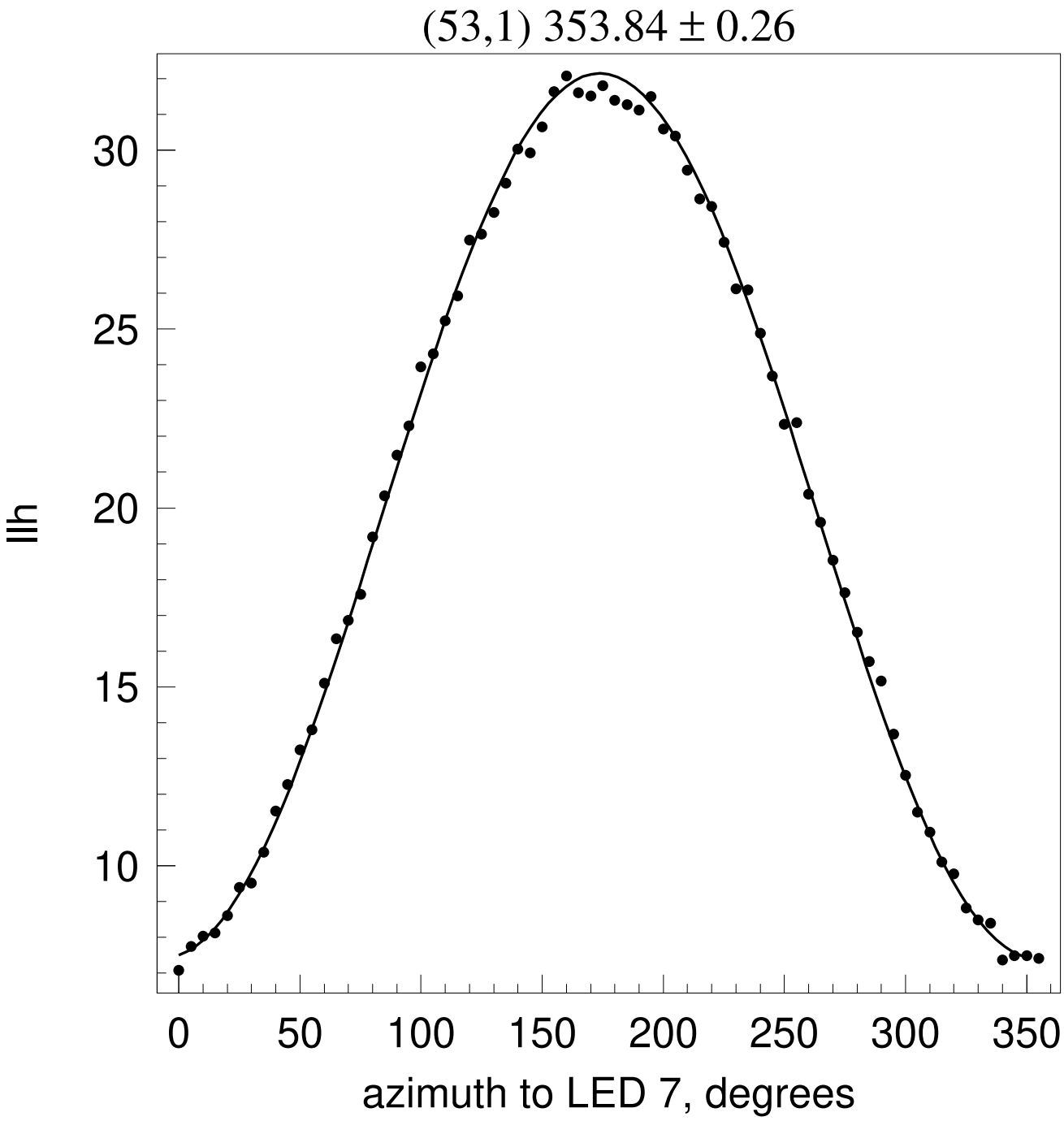

(52,56) 190.10 ± 0.29
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

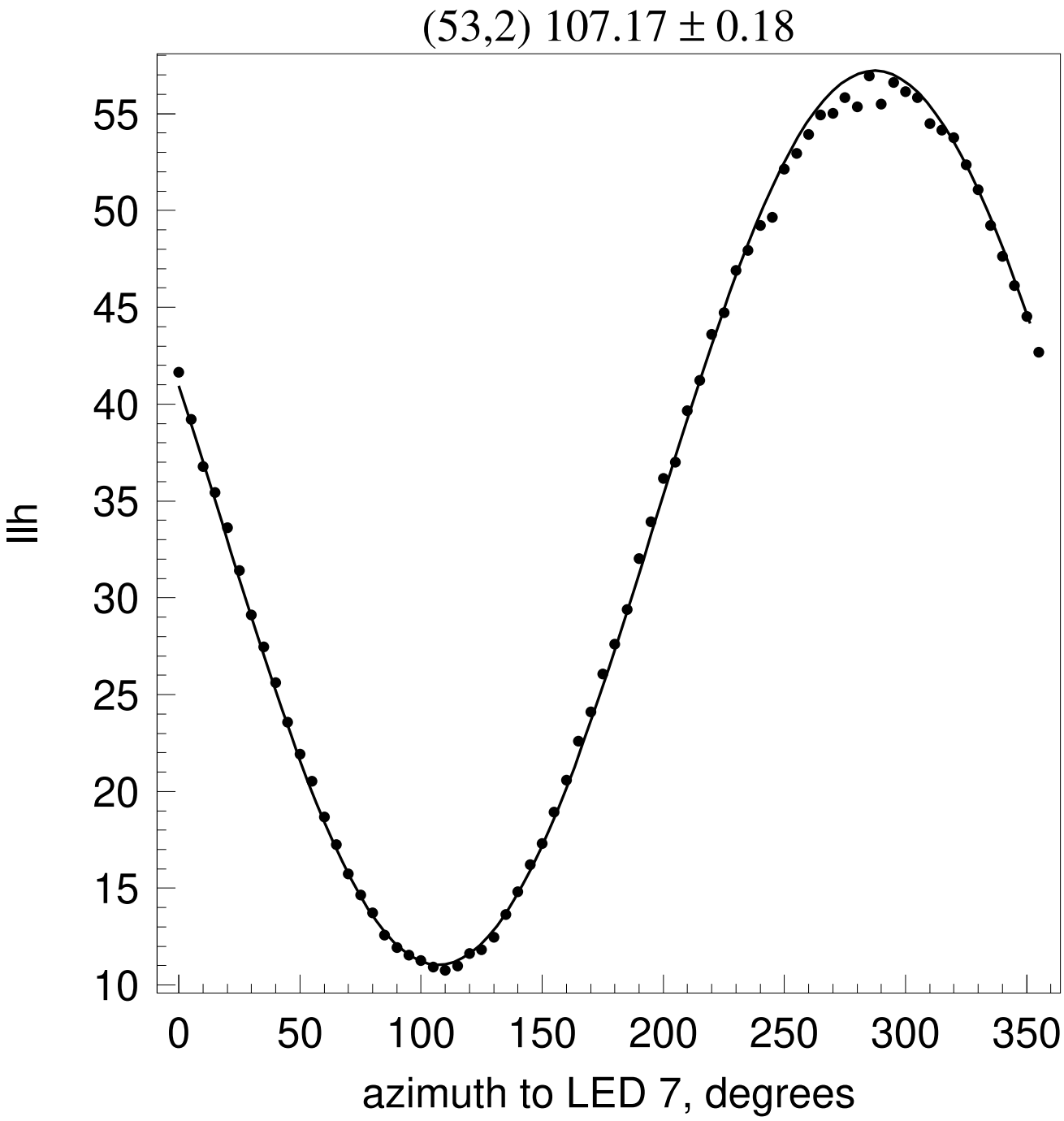

(52,57) 208.44 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

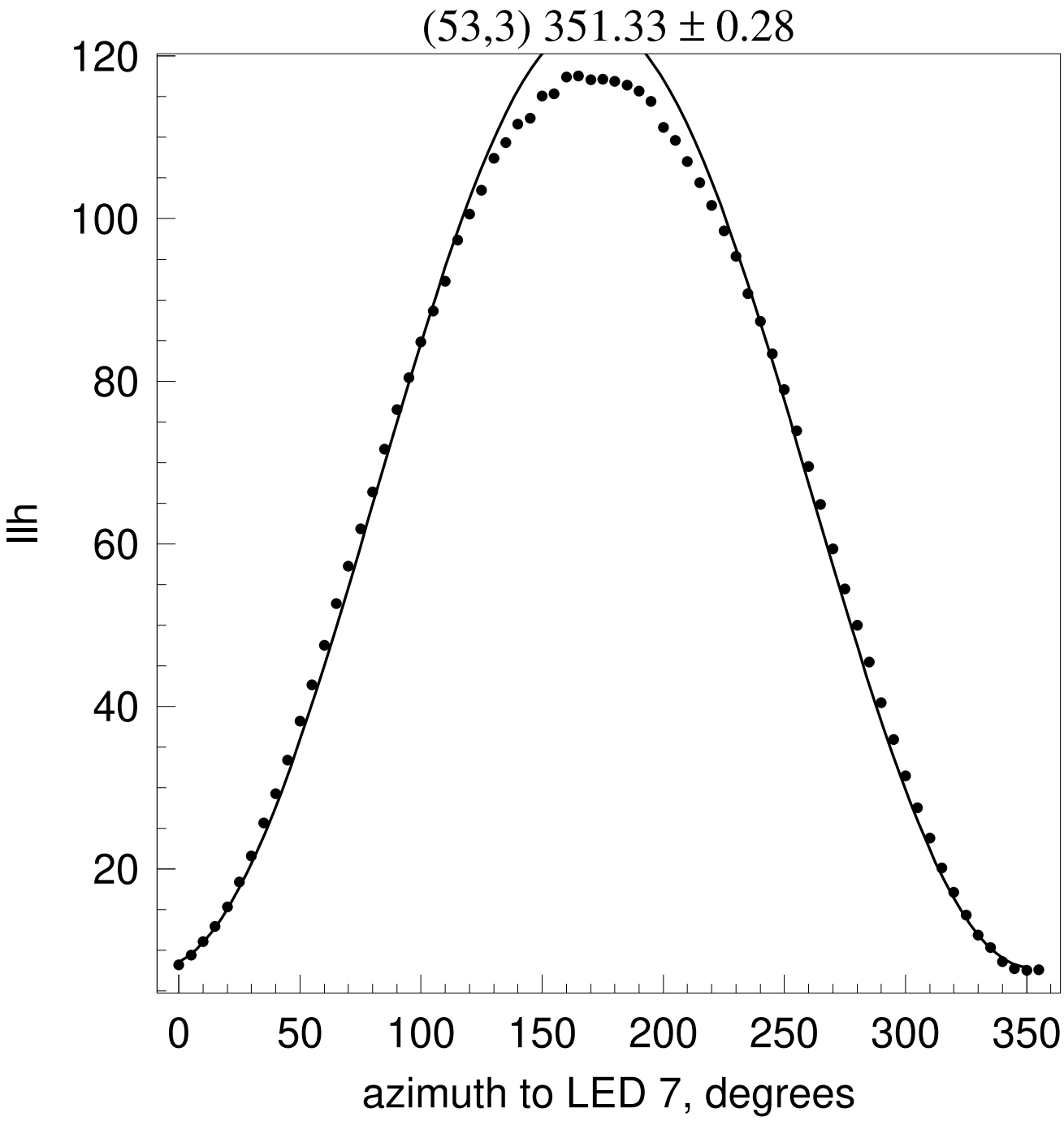

(52,58) 257.25 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

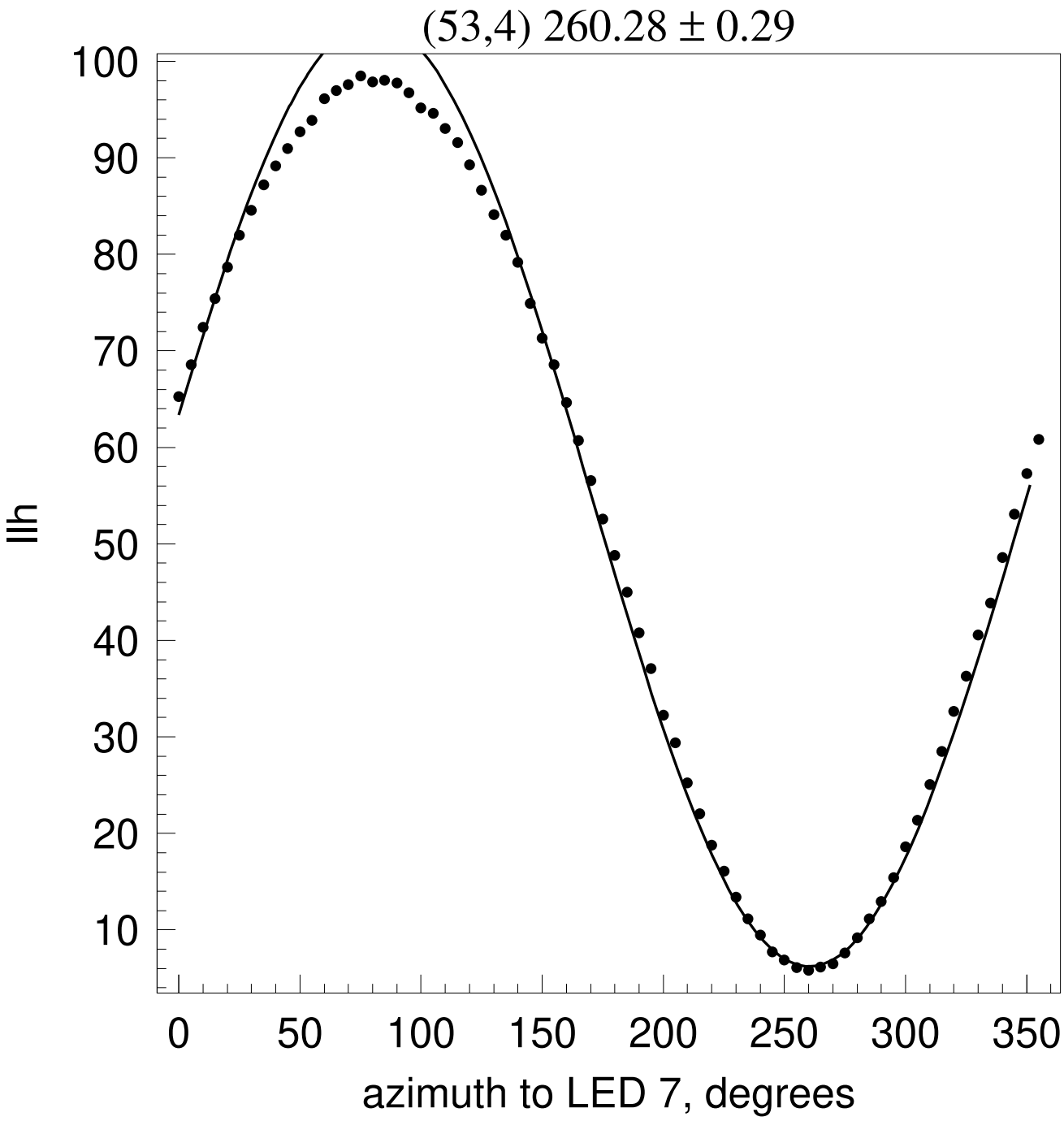

(52,59) 296.71 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

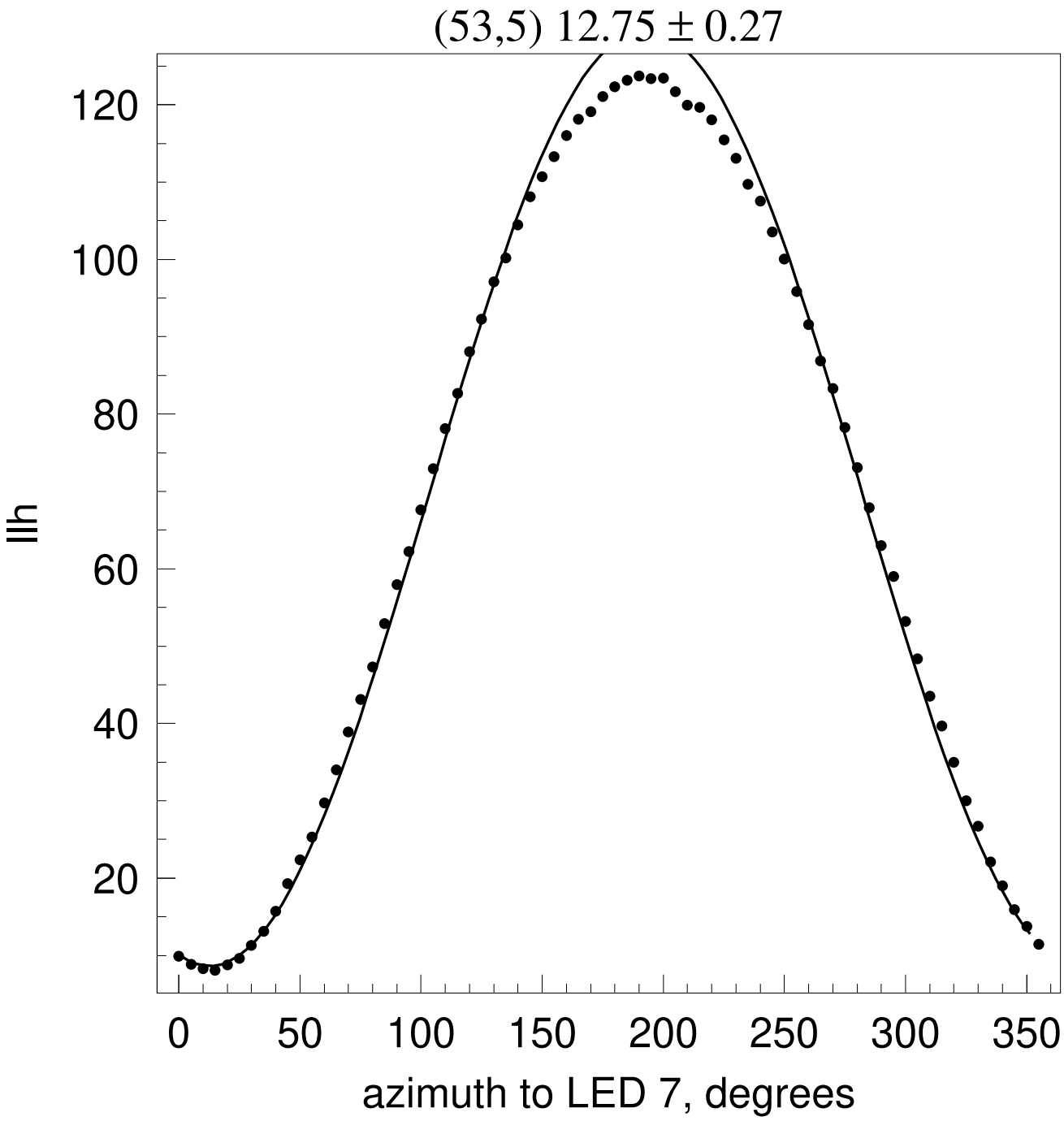

(52,60) 314.99 ± 0.81
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

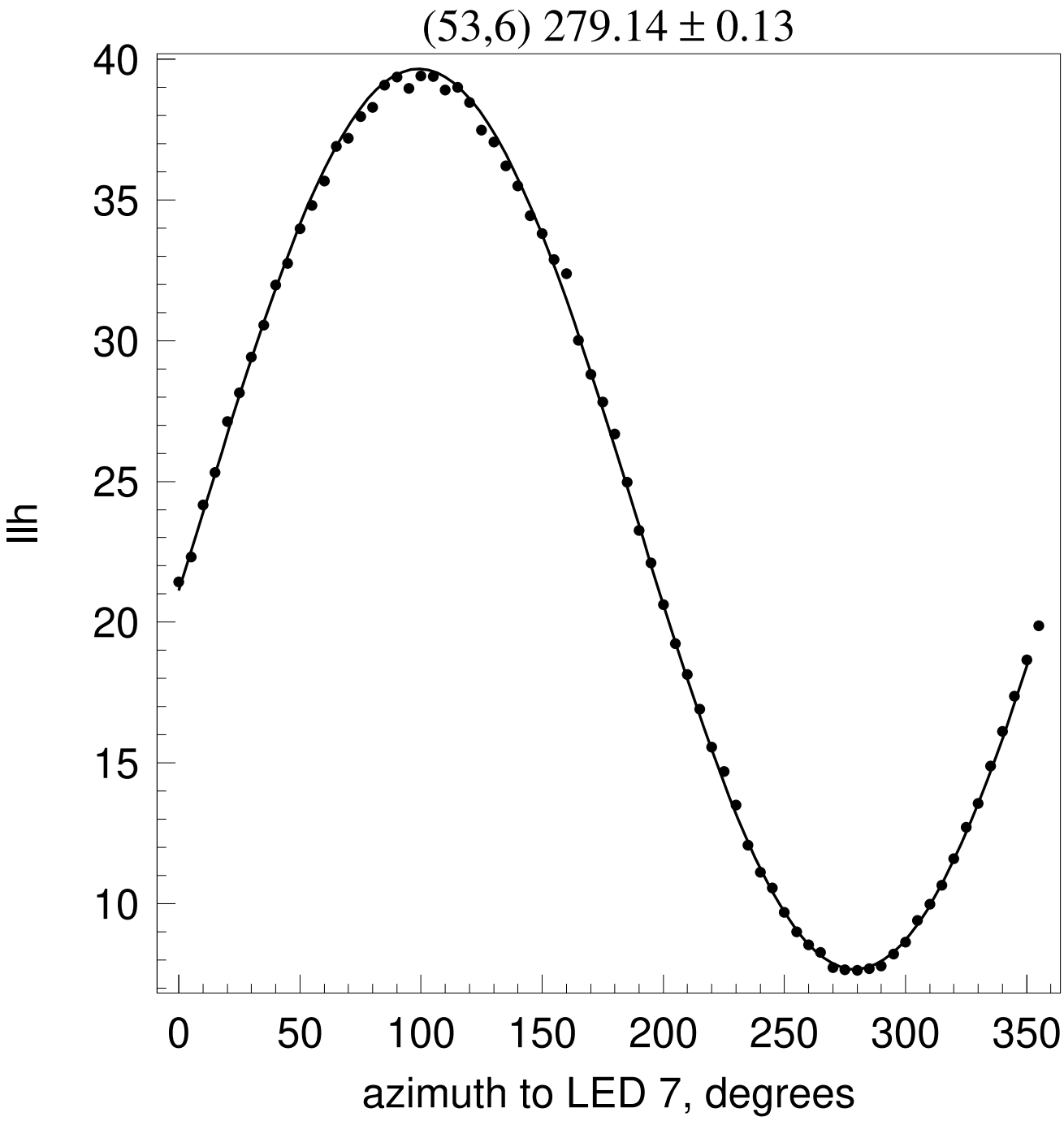

(53,1) 353.84 ± 0.26
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

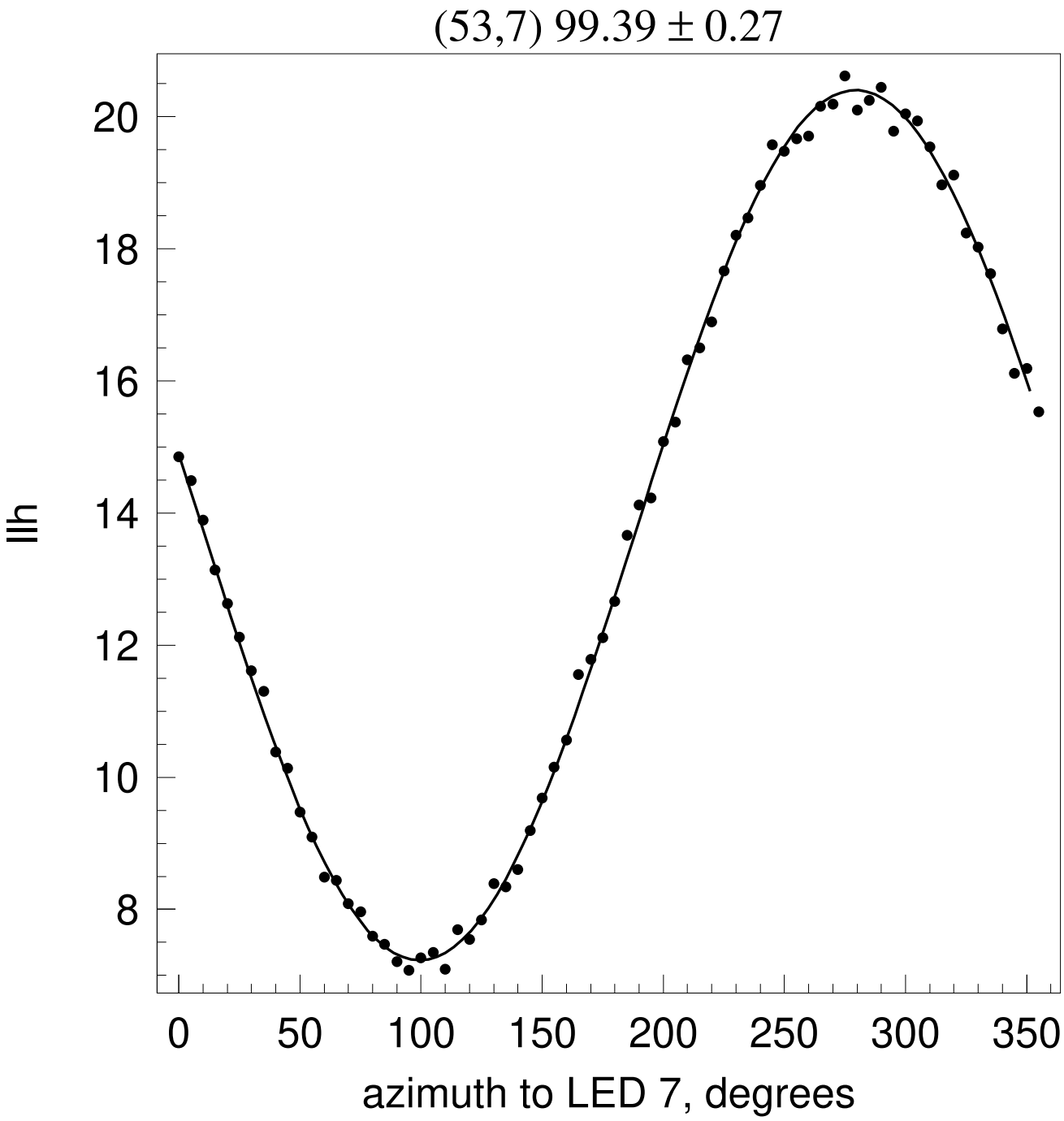

(53,2) 107.17 ± 0.18
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

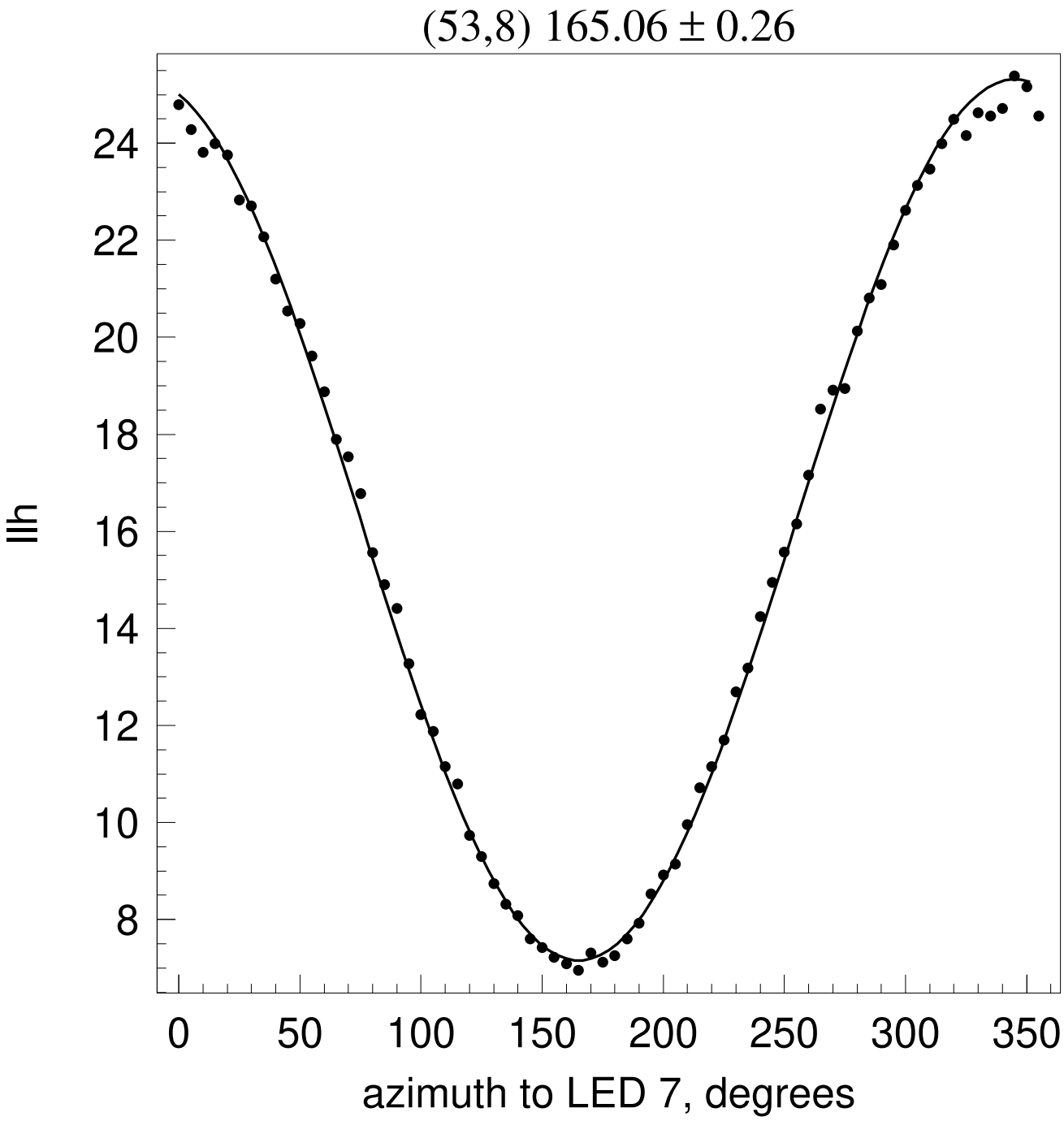

(53,3) 351.33 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

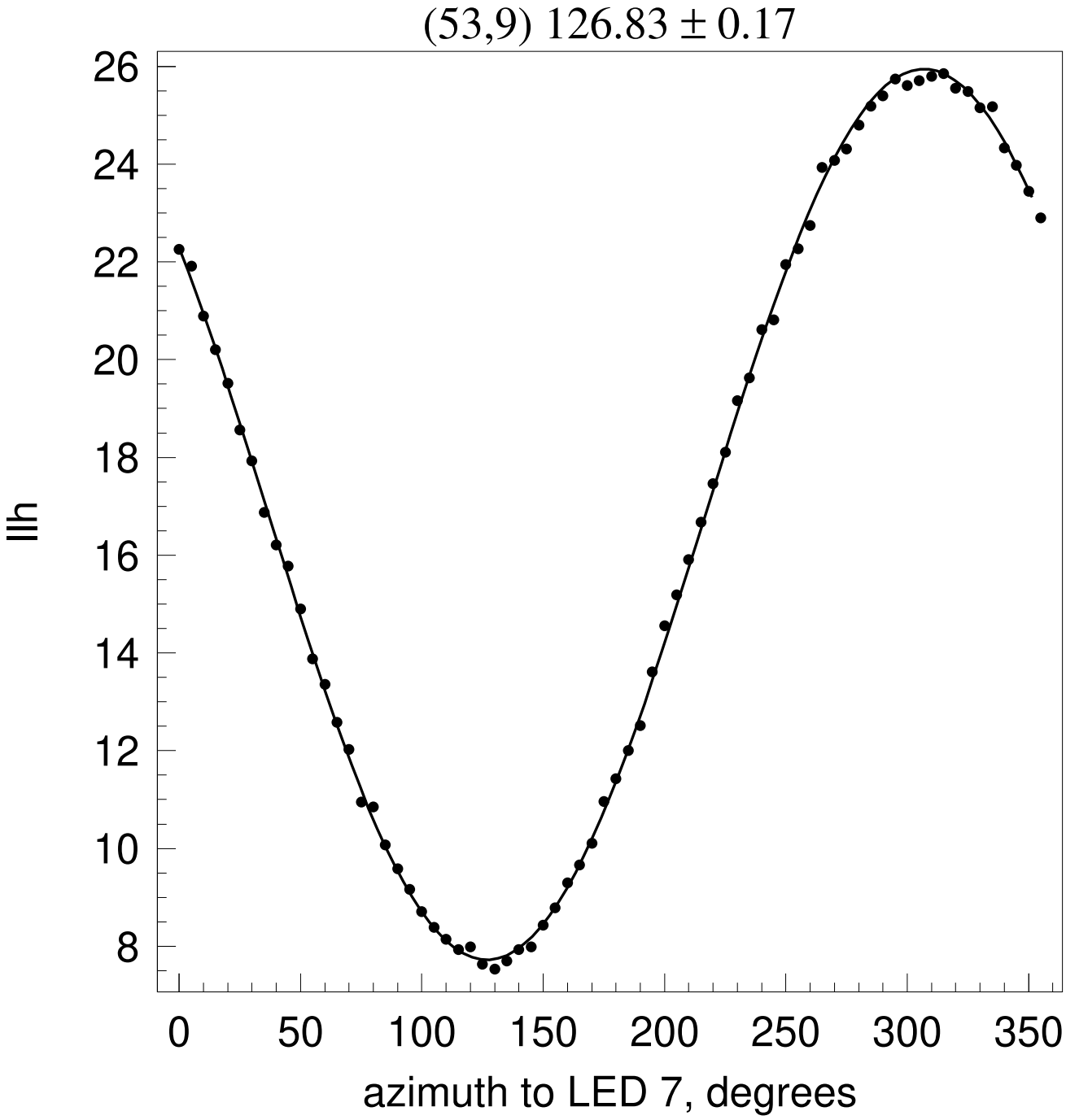

(53,4) 260.28 ± 0.29
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

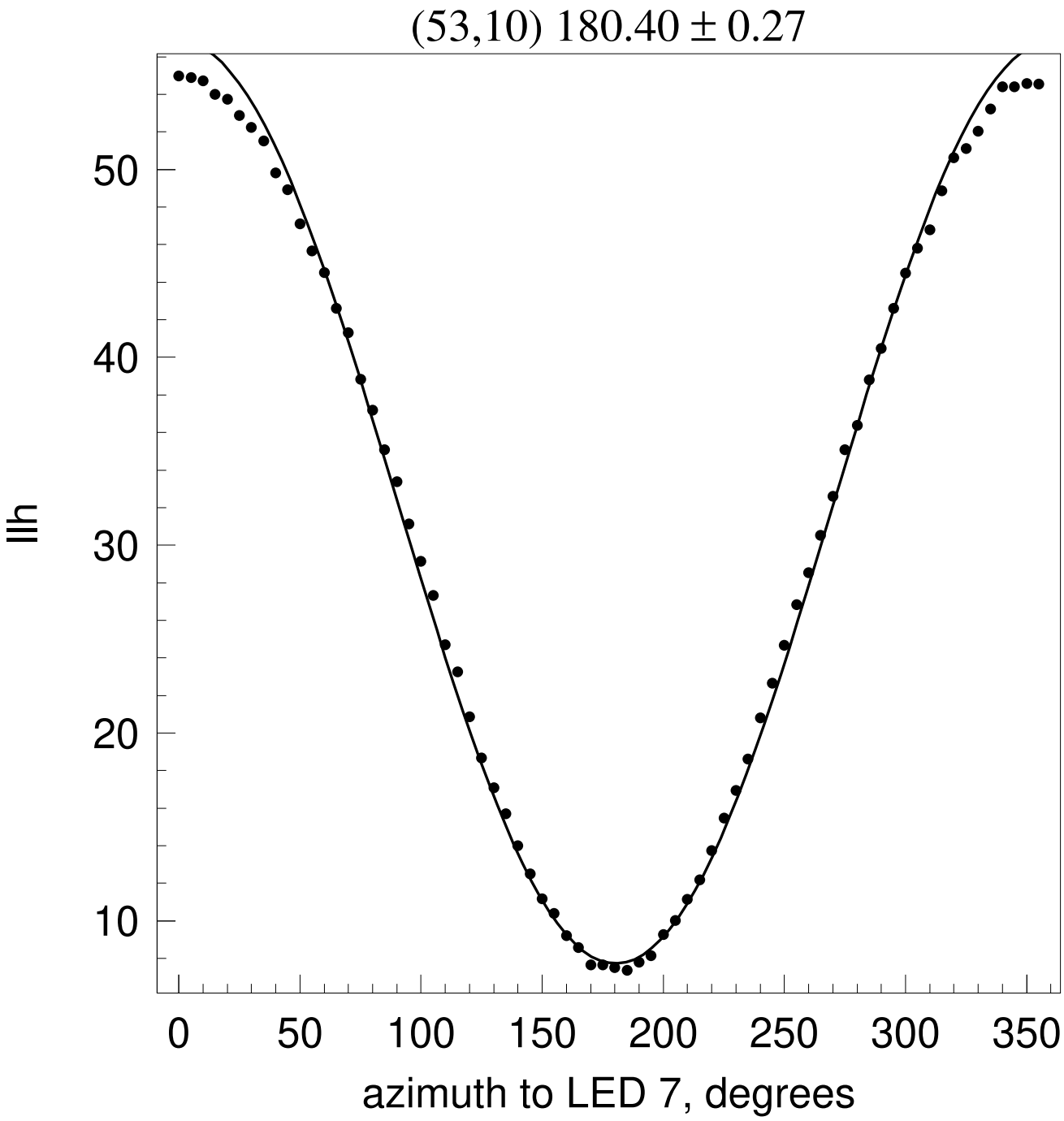

(53,5) 12.75 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

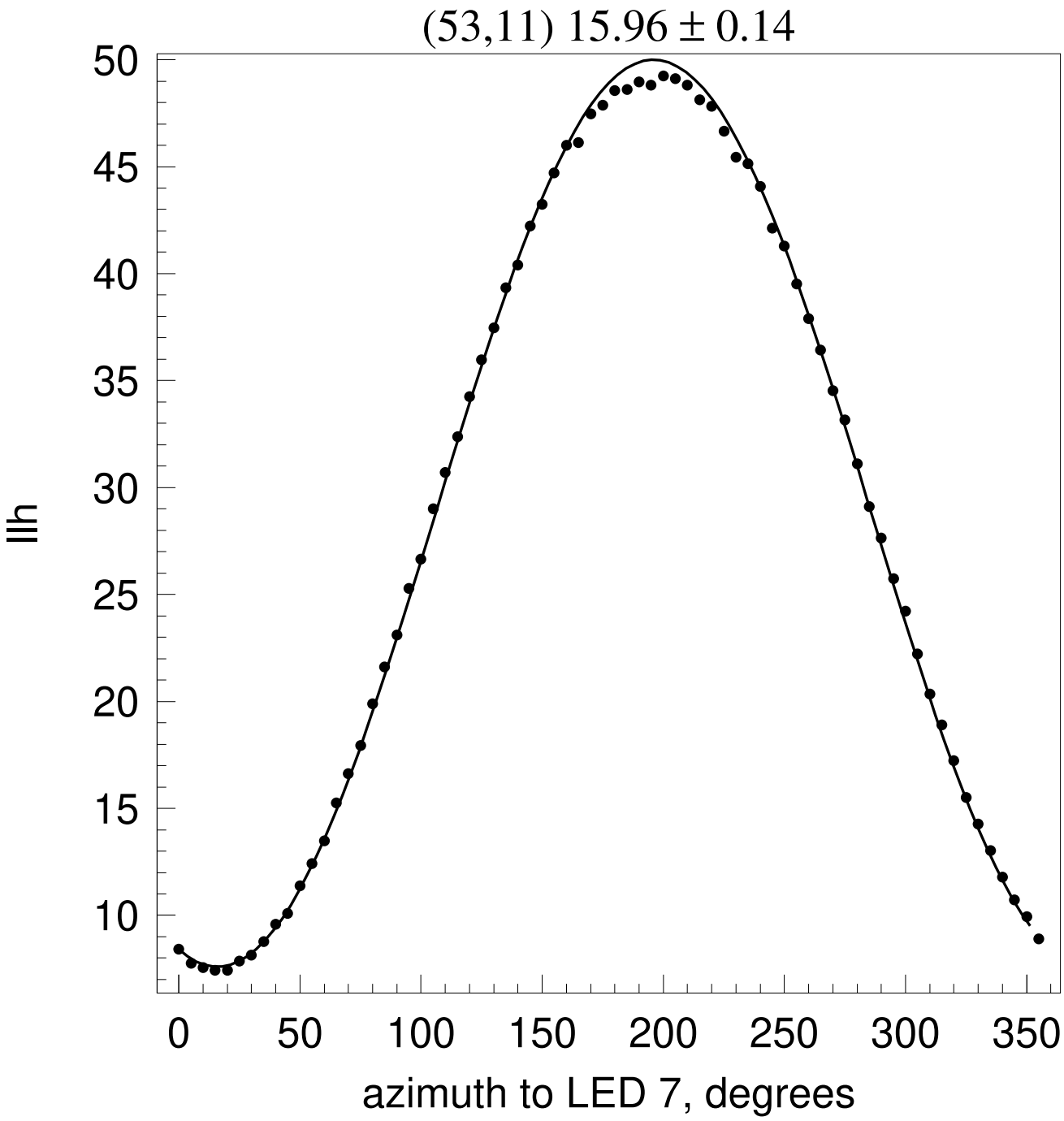

(53,6) 279.14 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

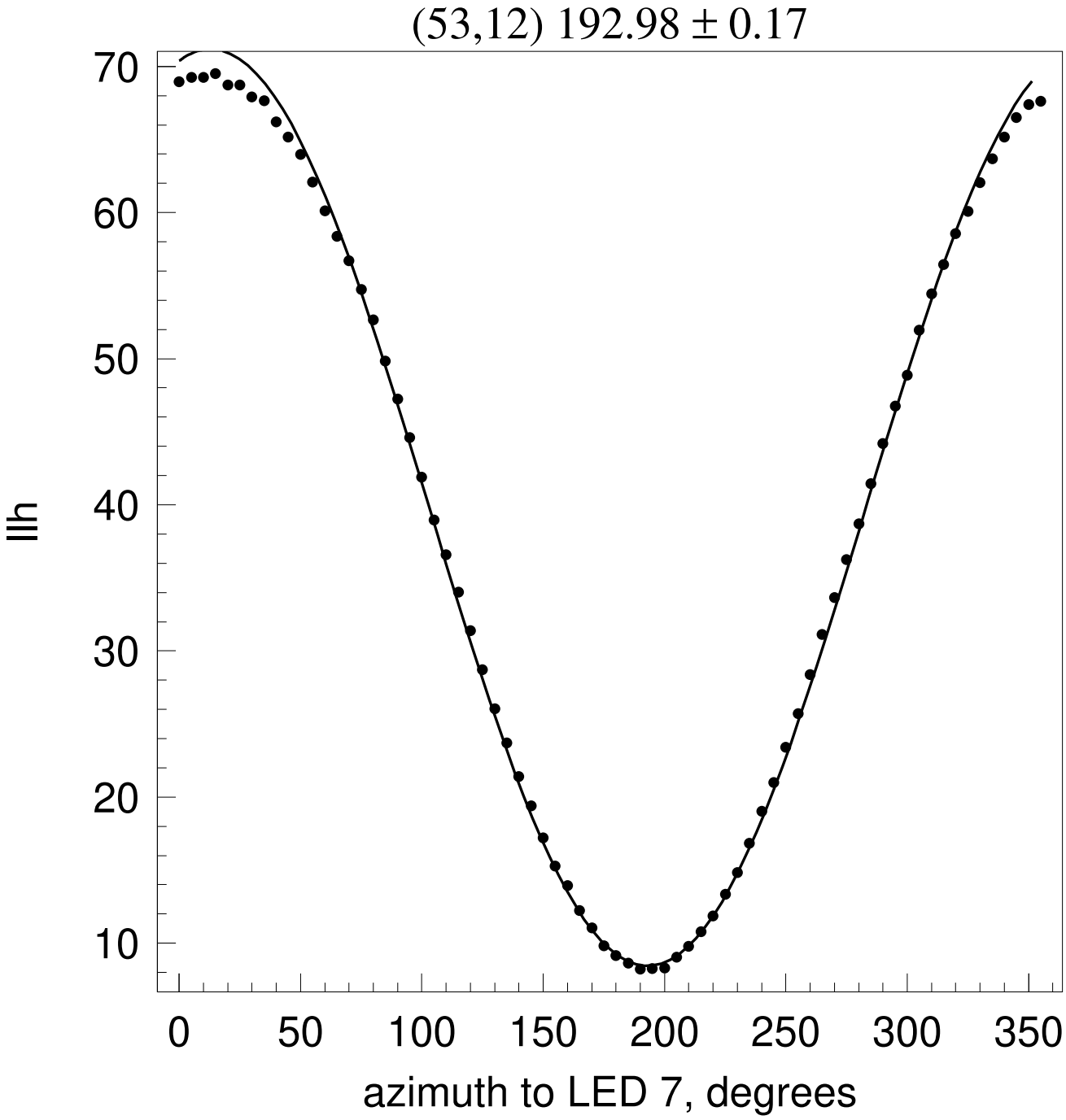

(53,7) 99.39 ± 0.27
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

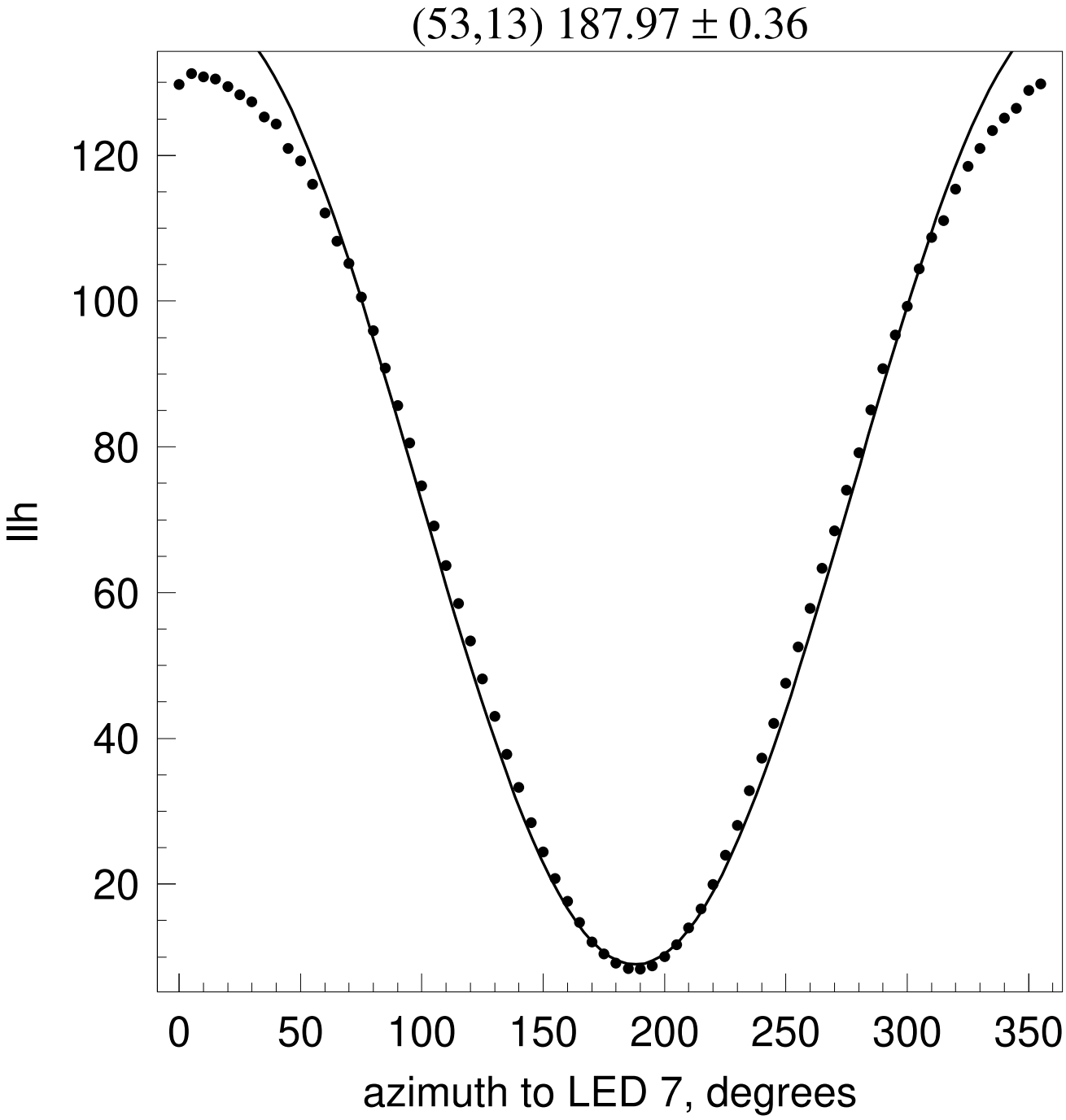

(53,8) 165.06 ± 0.26
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

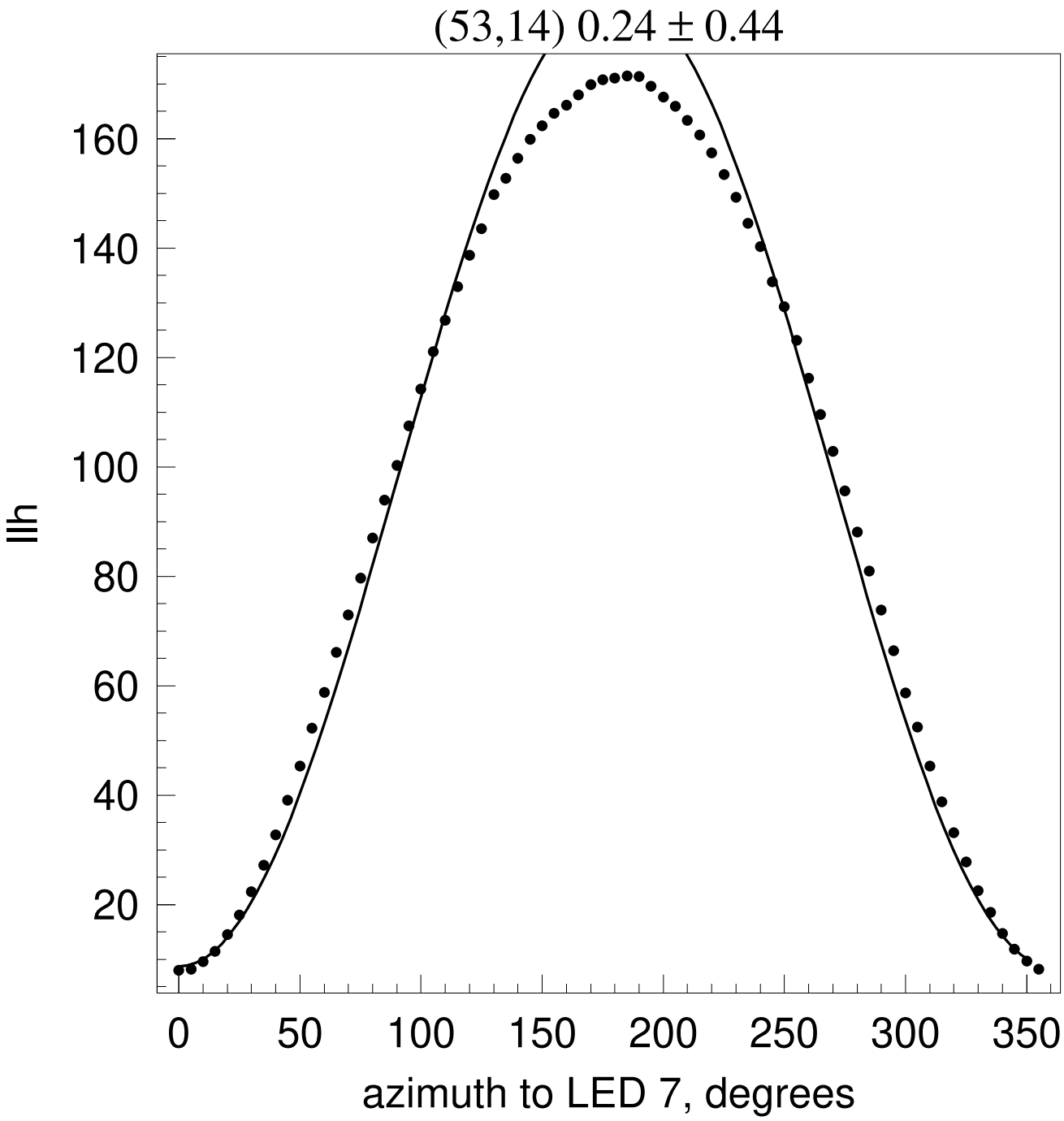

(53,9) 126.83 ± 0.17
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

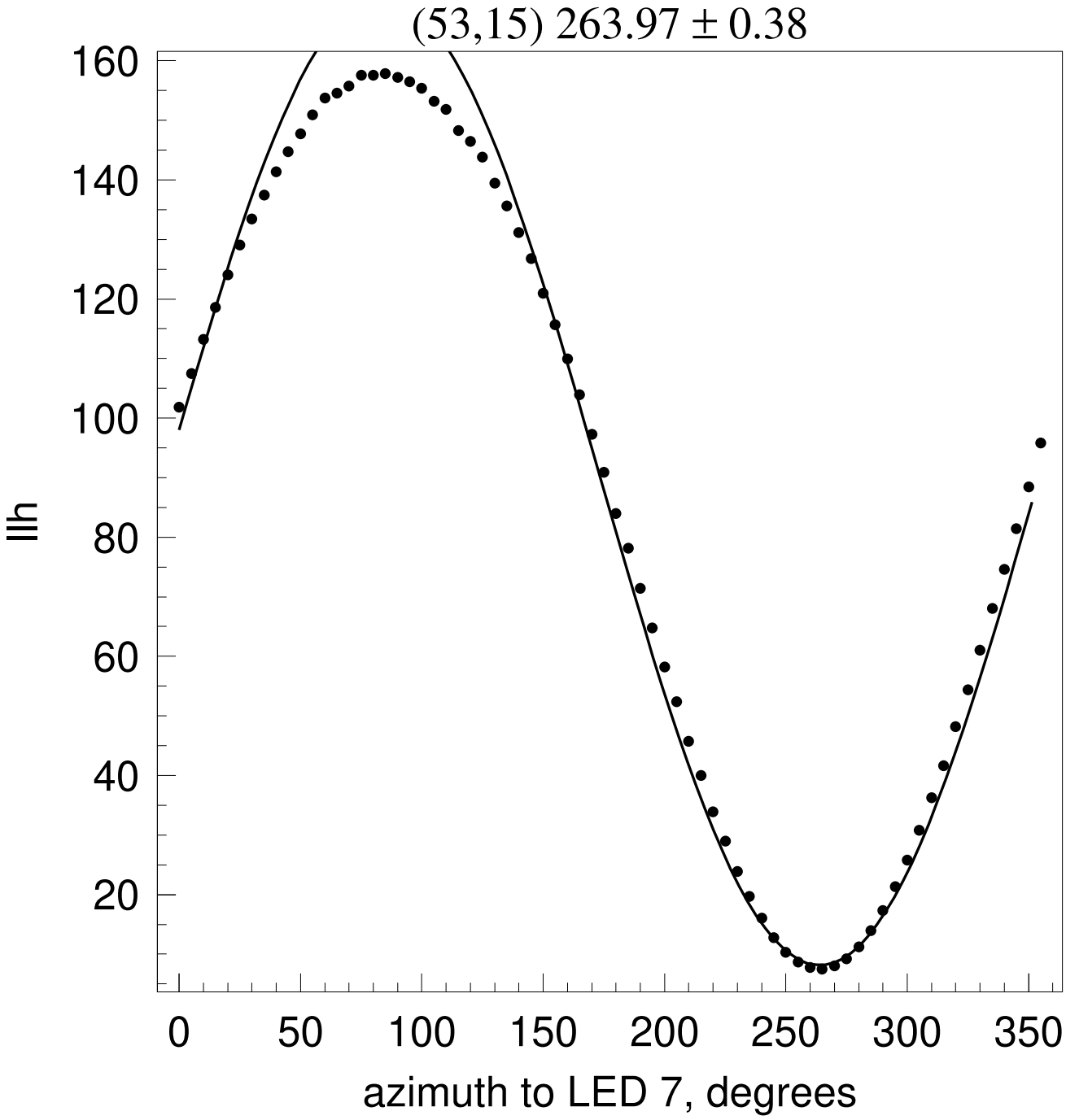

(53,10) 180.40 ± 0.27
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

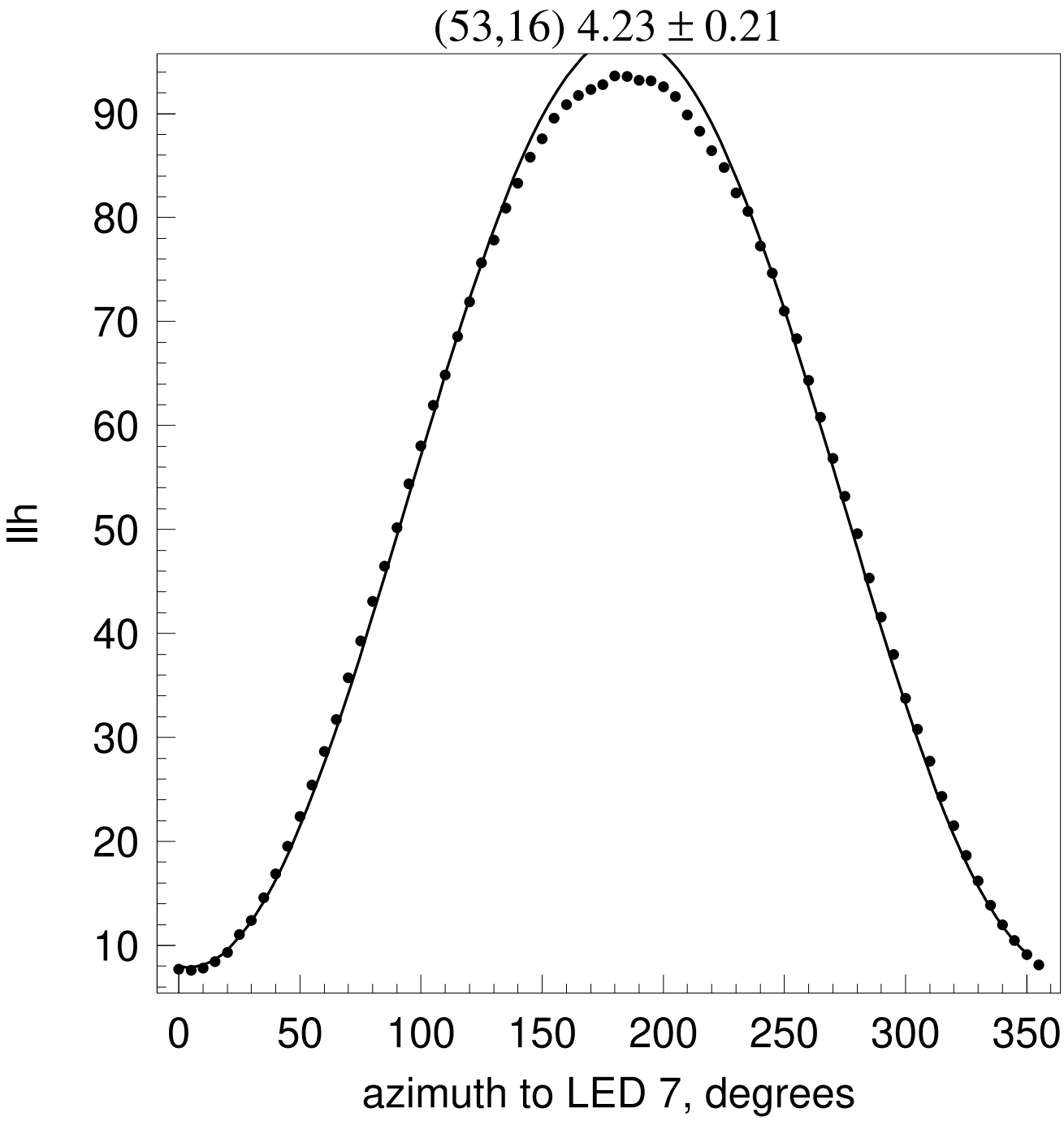

(53,11) 15.96 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

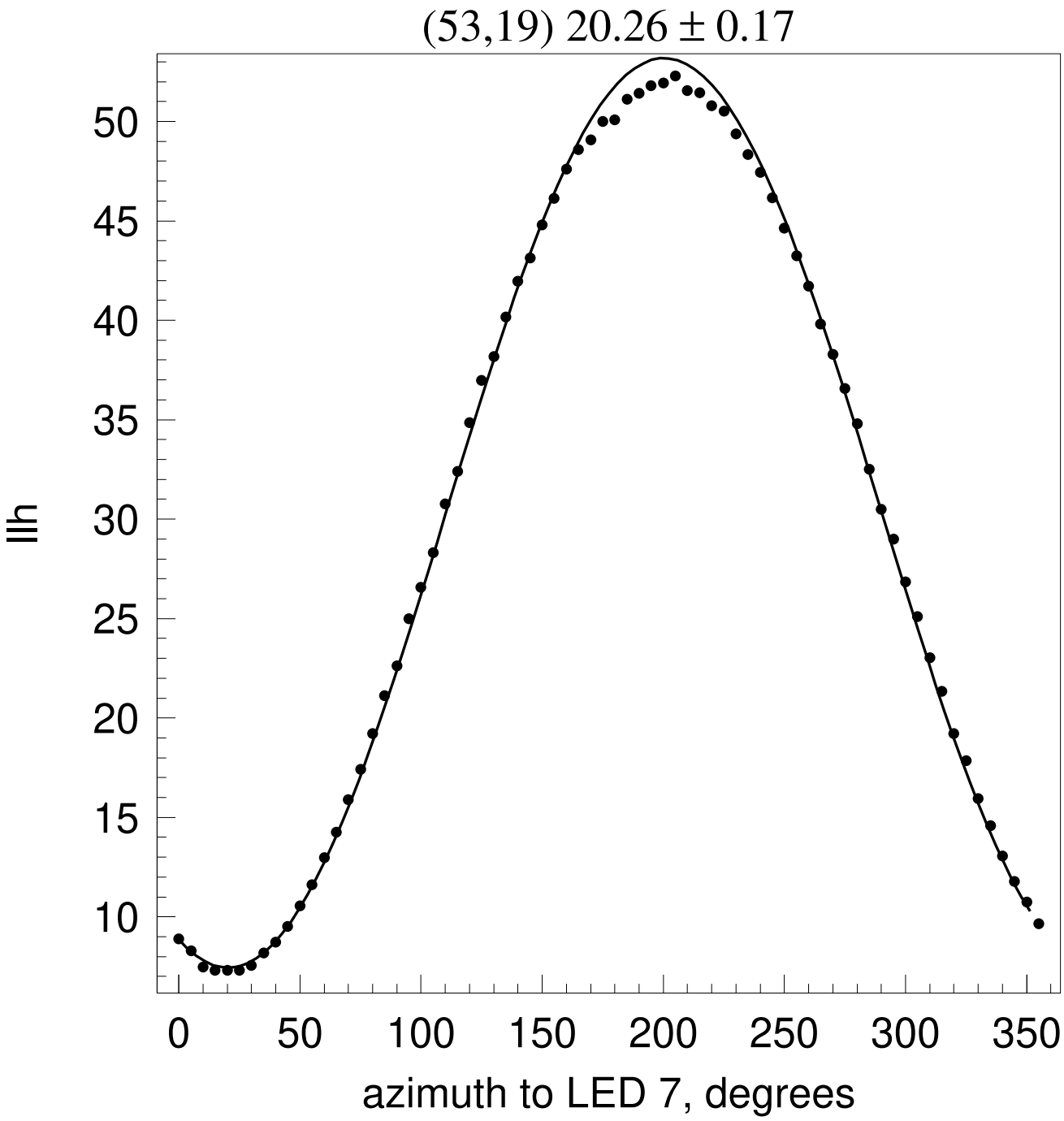

(53,12) 192.98 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

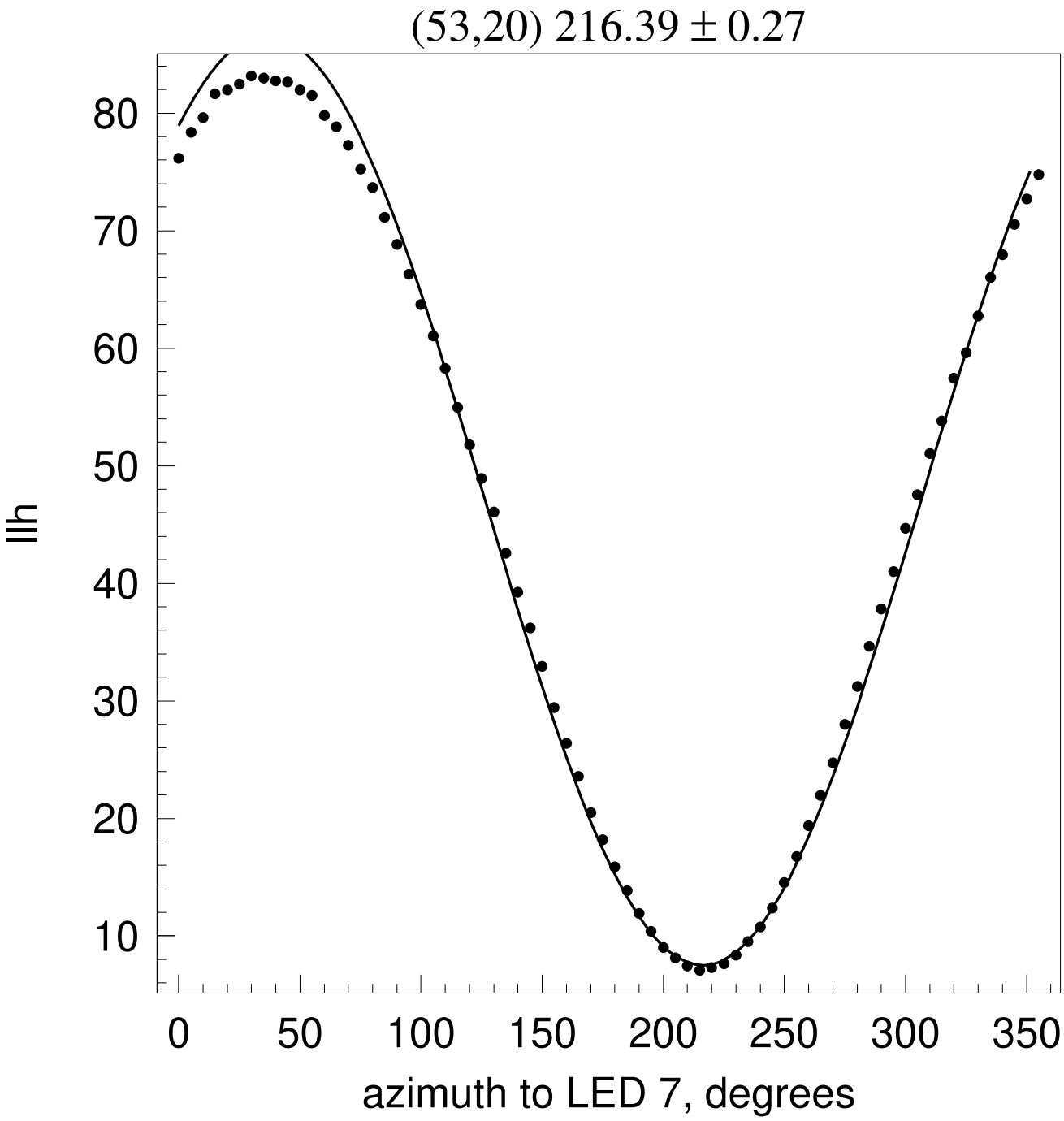

(53,13) 187.97 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

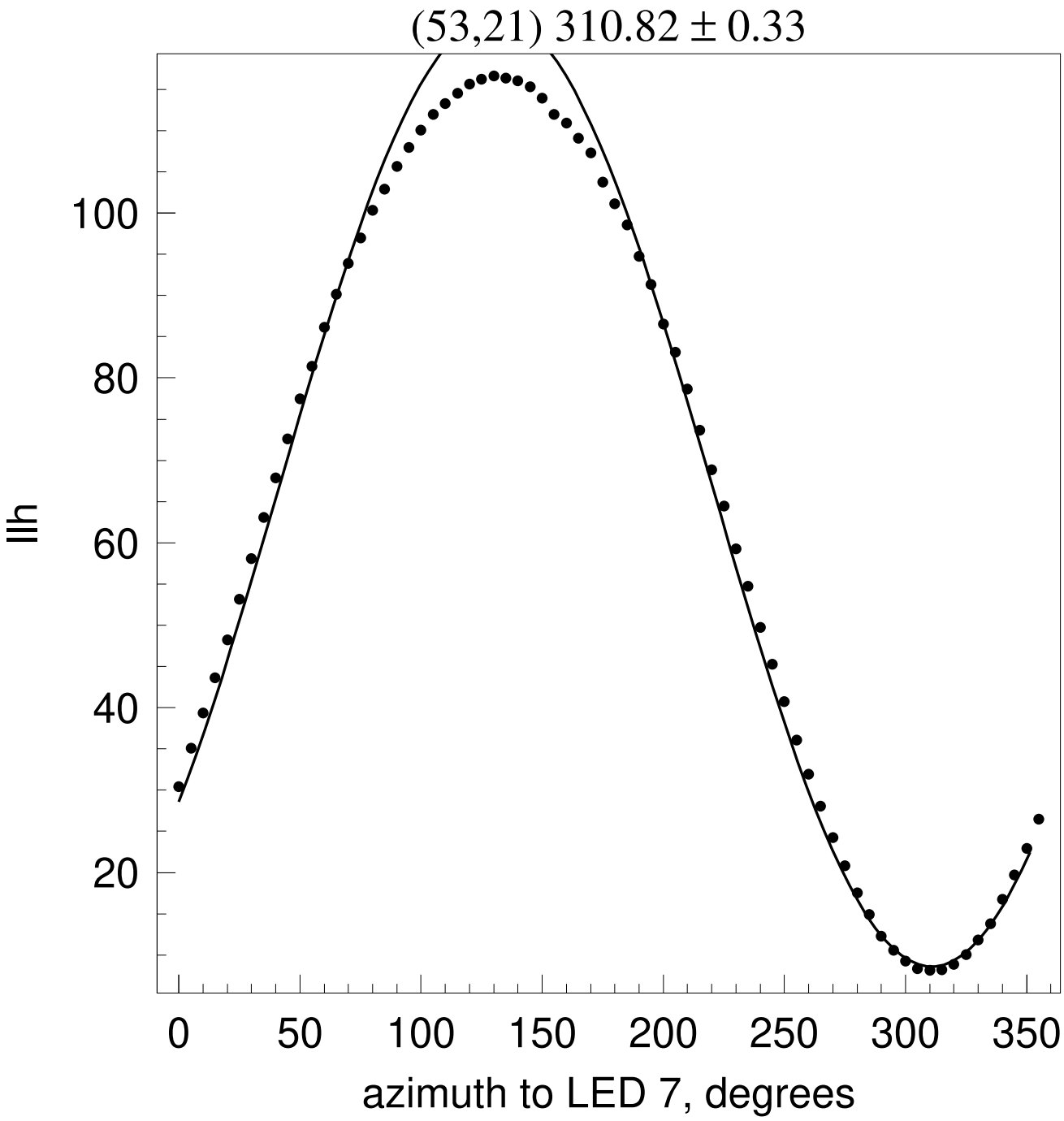

(53,14) 0.24 ± 0.44
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

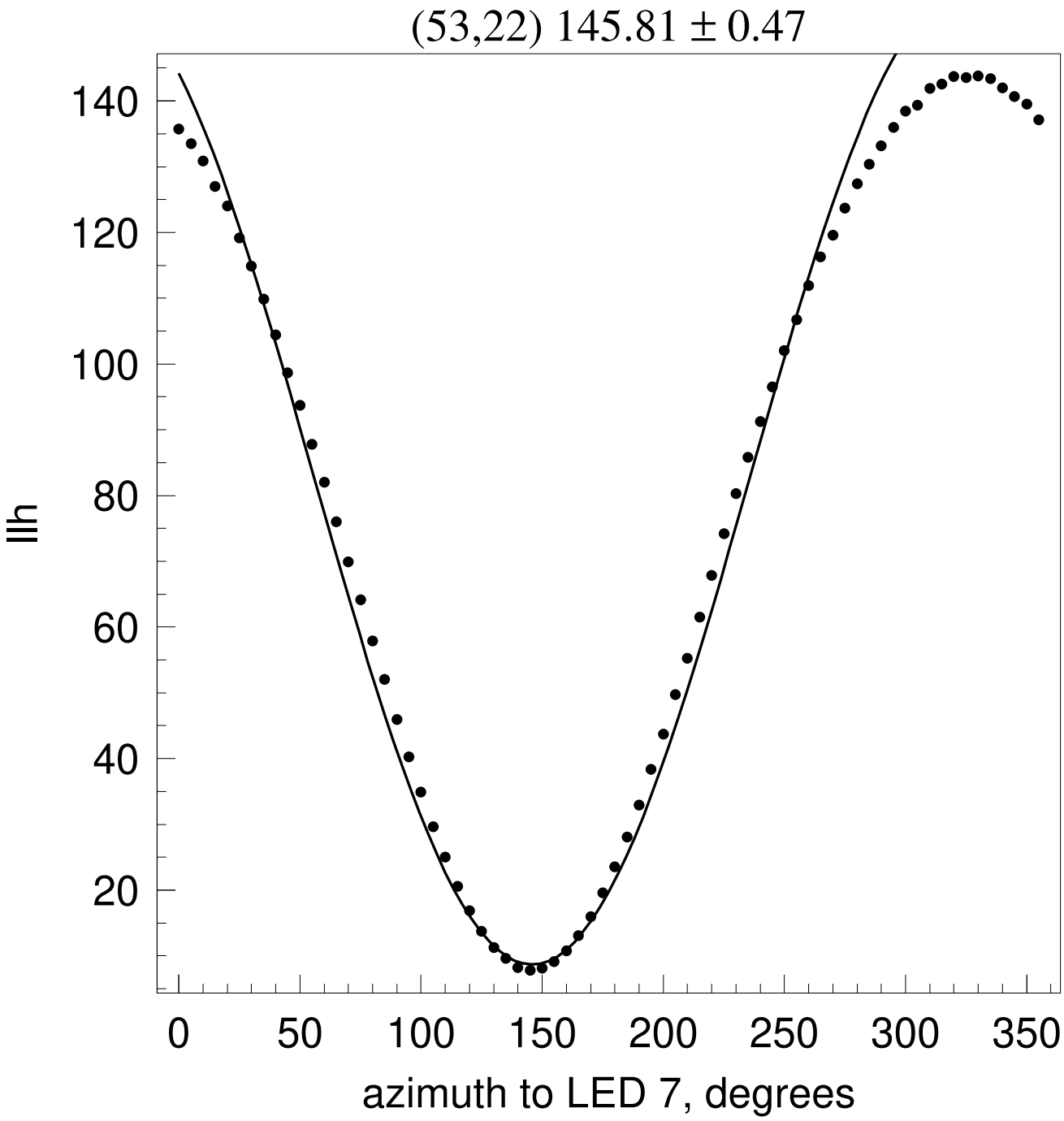

(53,15) 263.97 ± 0.38
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

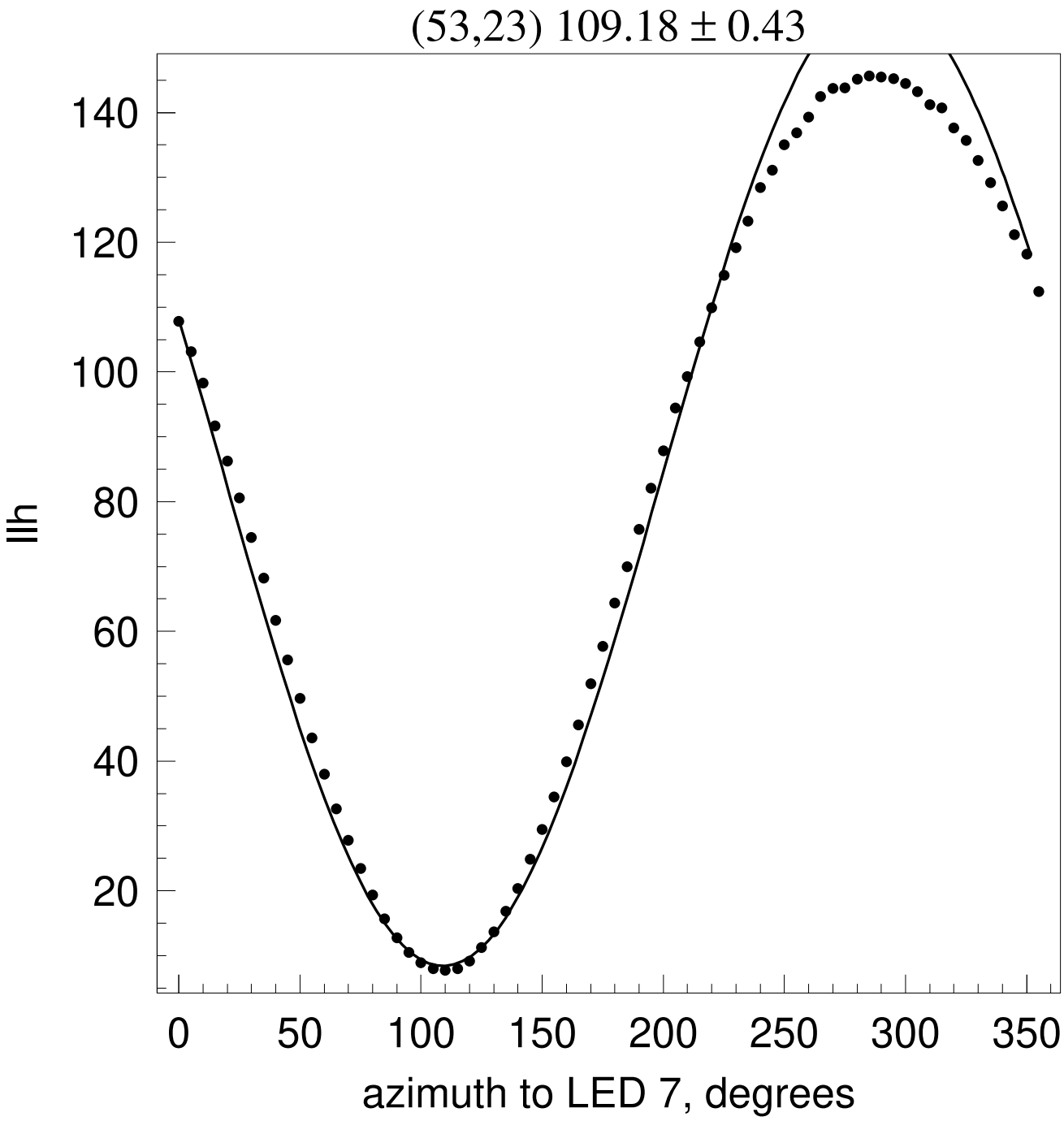

(53,16) 4.23 ± 0.21
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

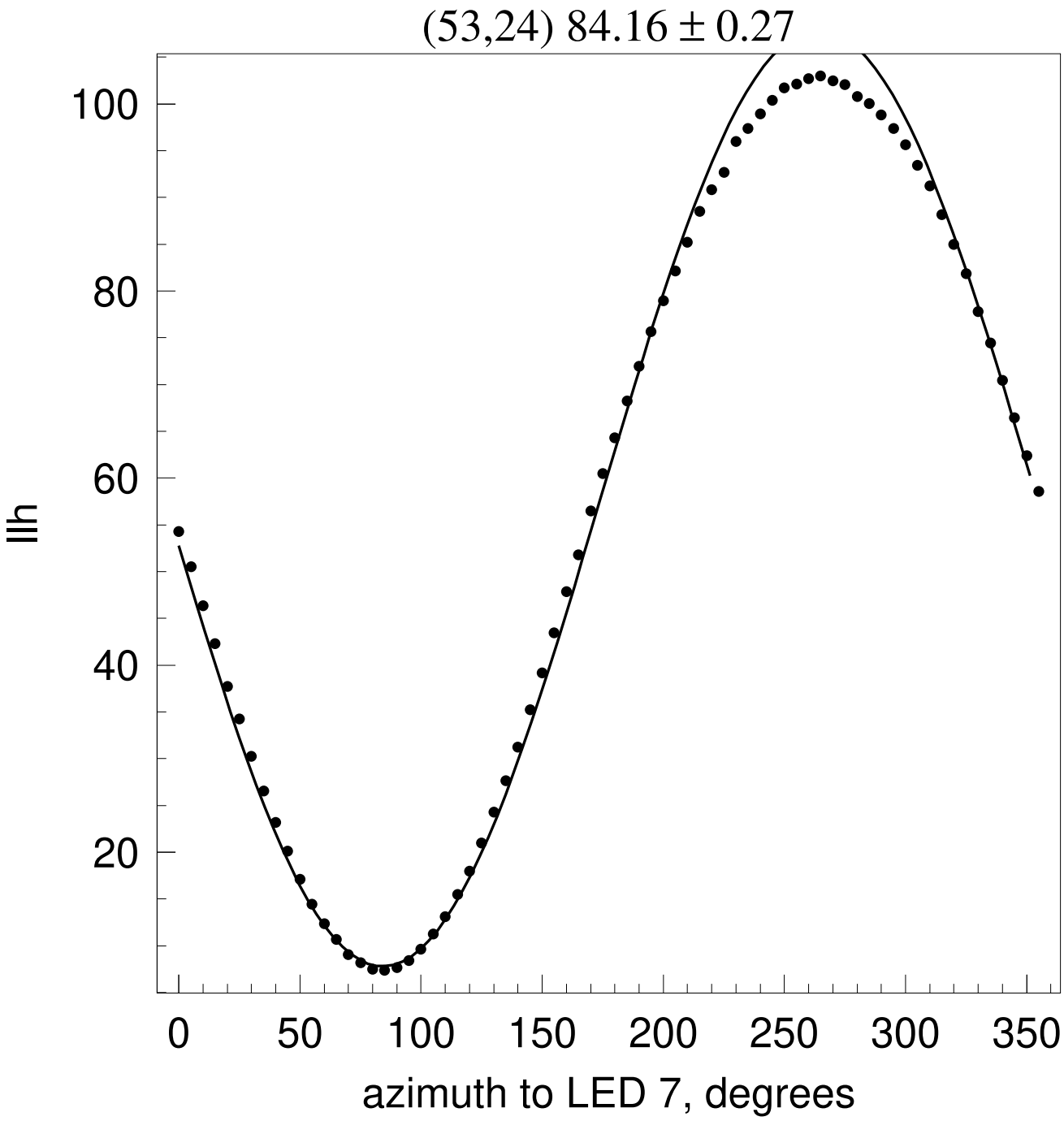

(53,19) 20.26 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

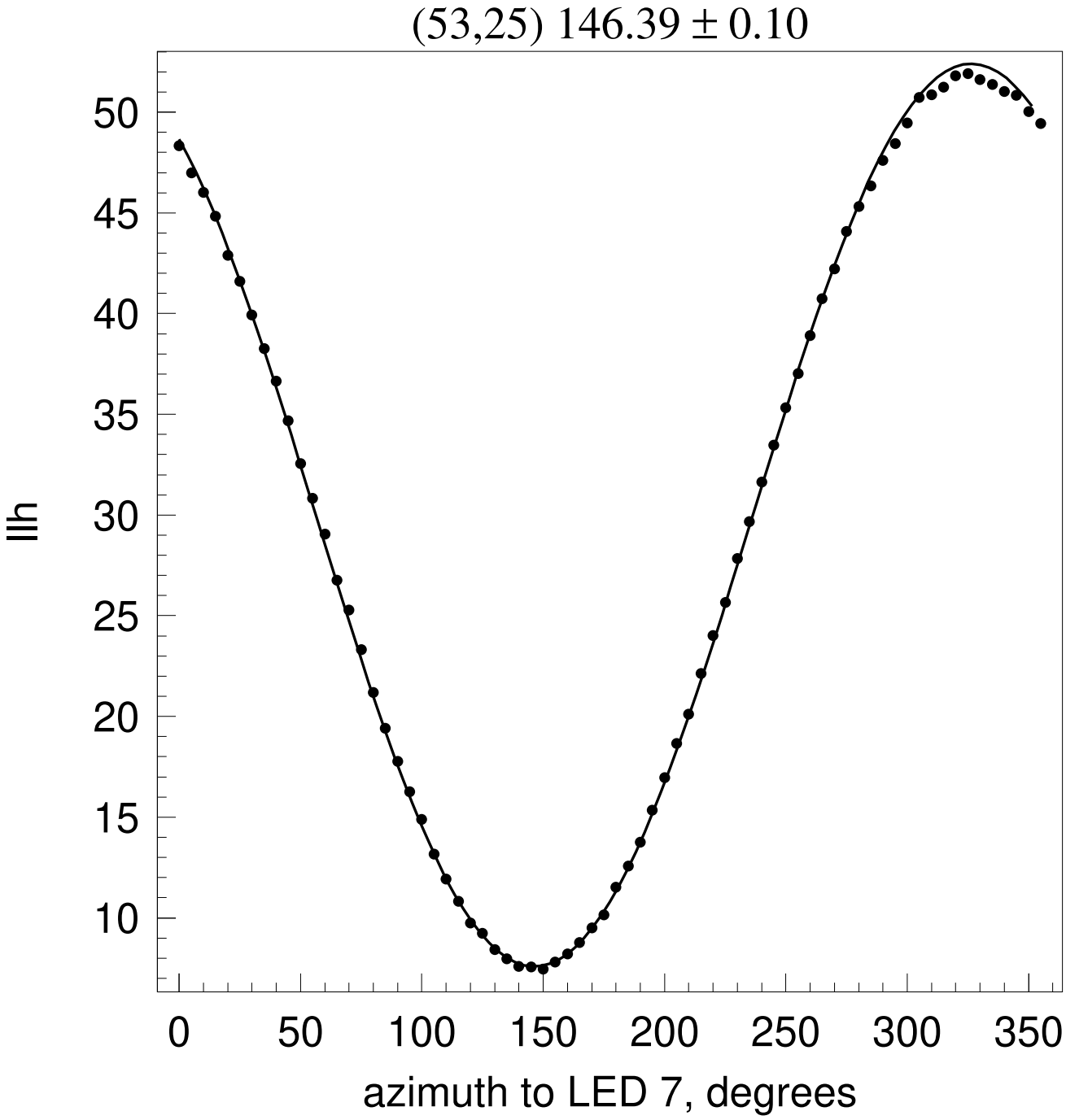

(53,20) 216.39 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

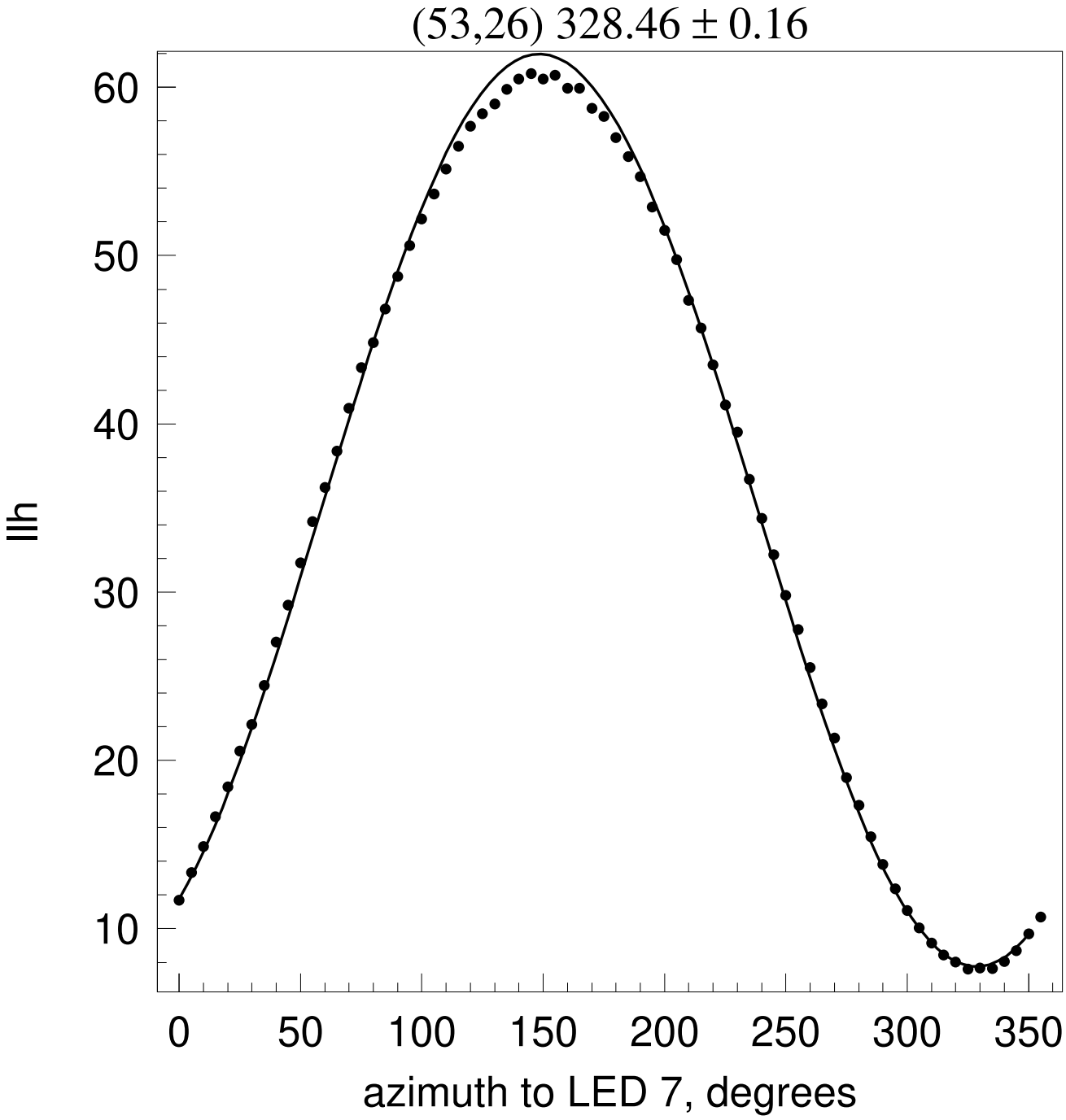

(53,21) 310.82 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

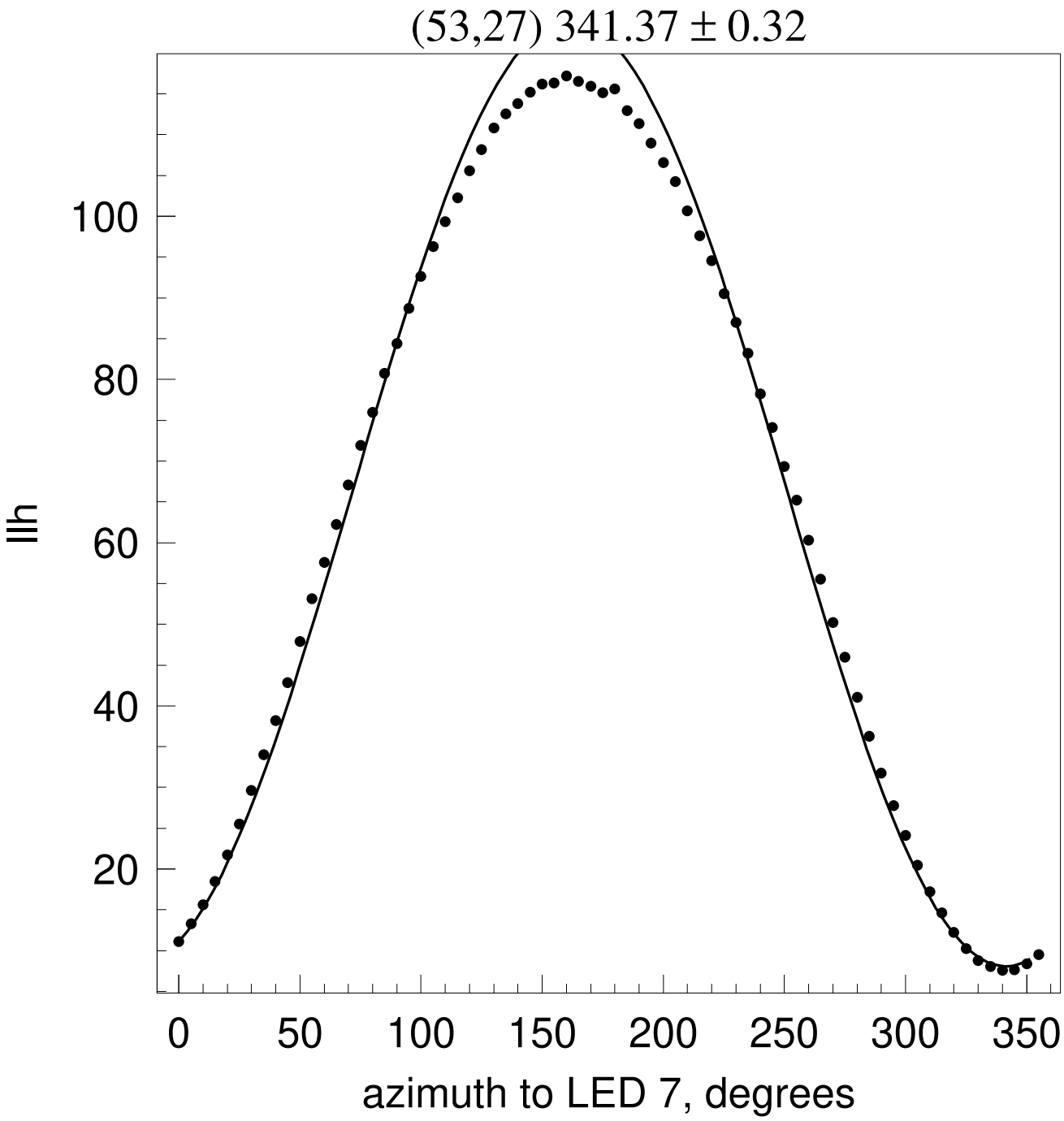

(53,22) 145.81 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

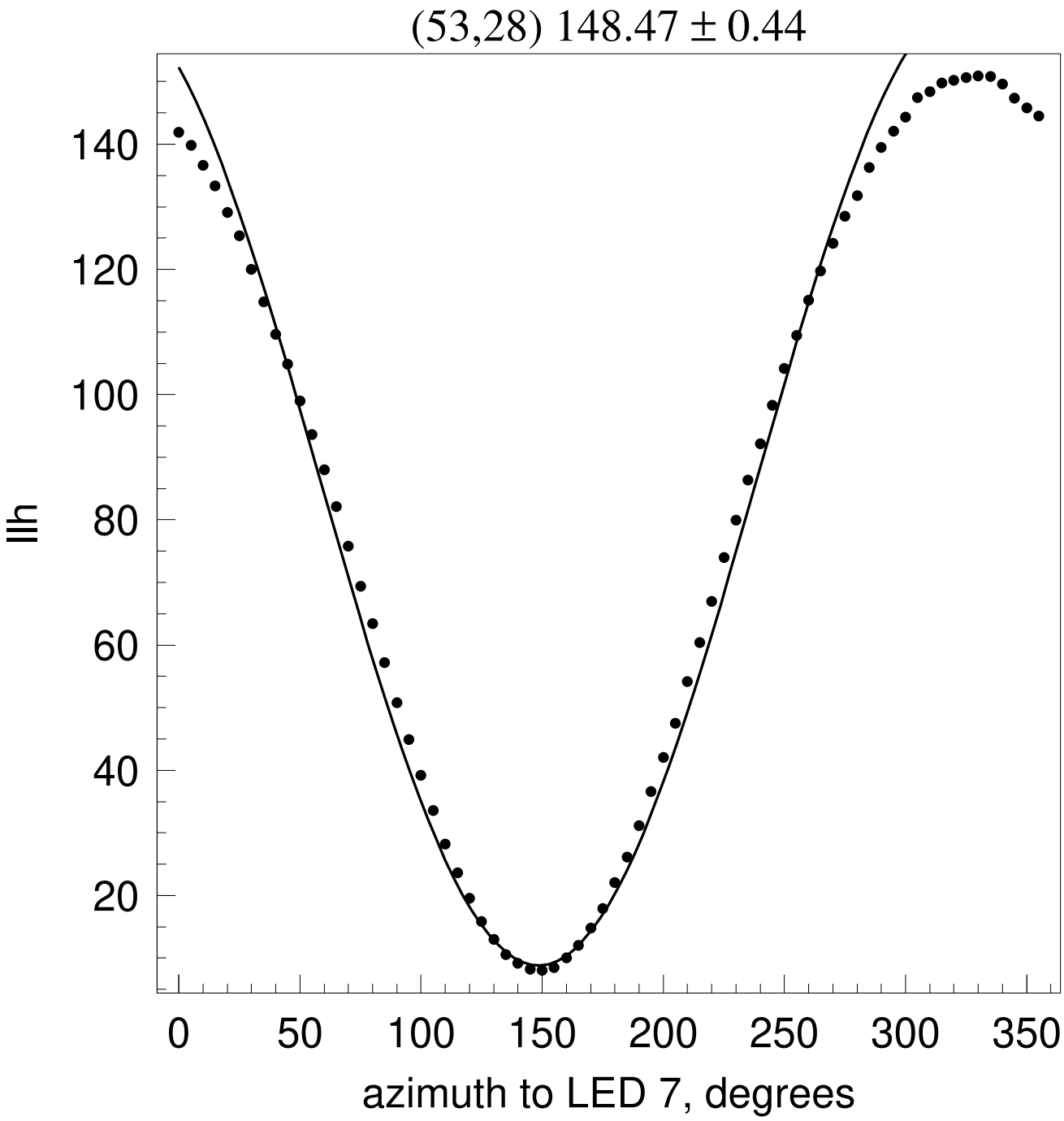

(53,23) 109.18 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

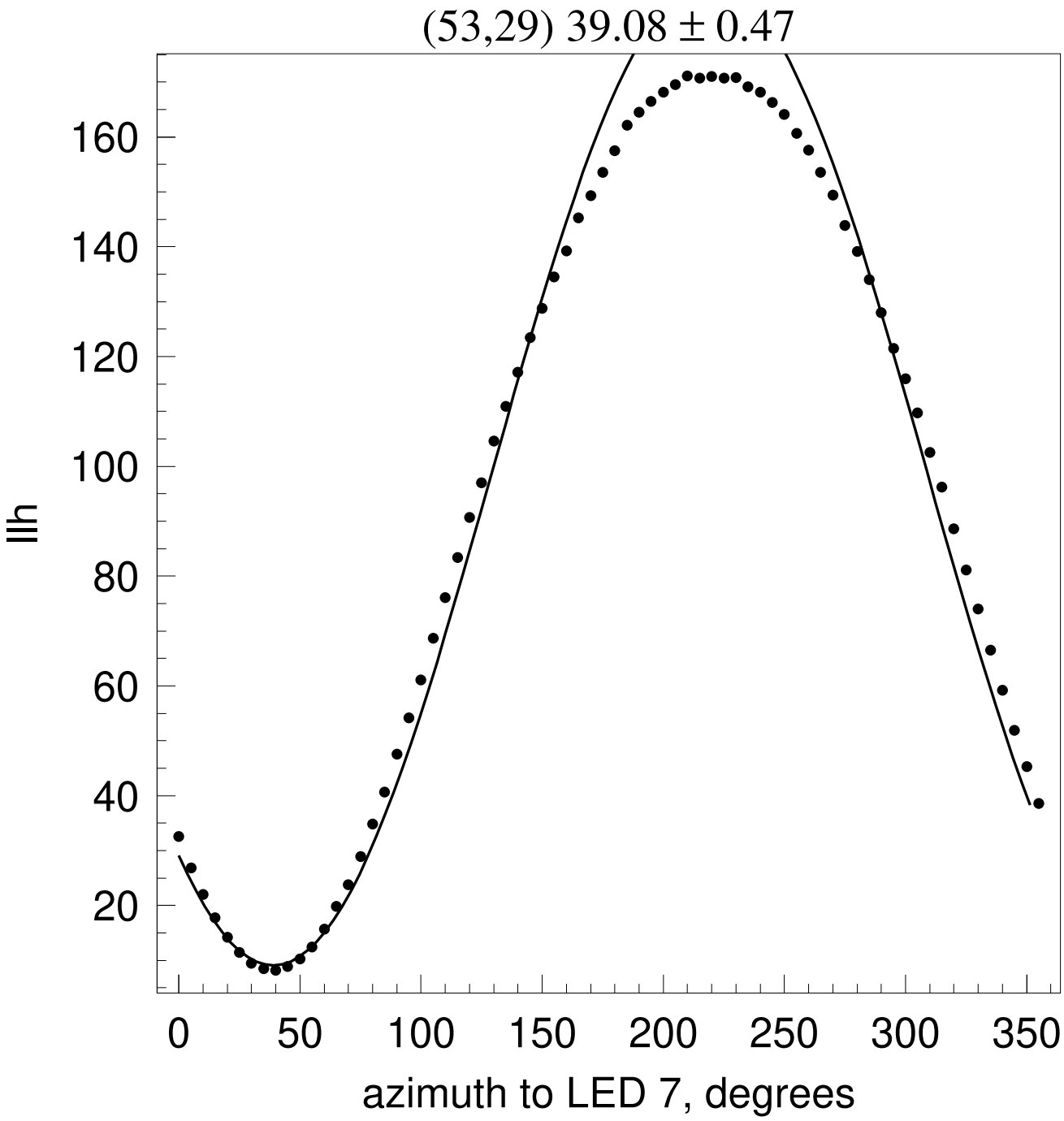

(53,24) 84.16 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

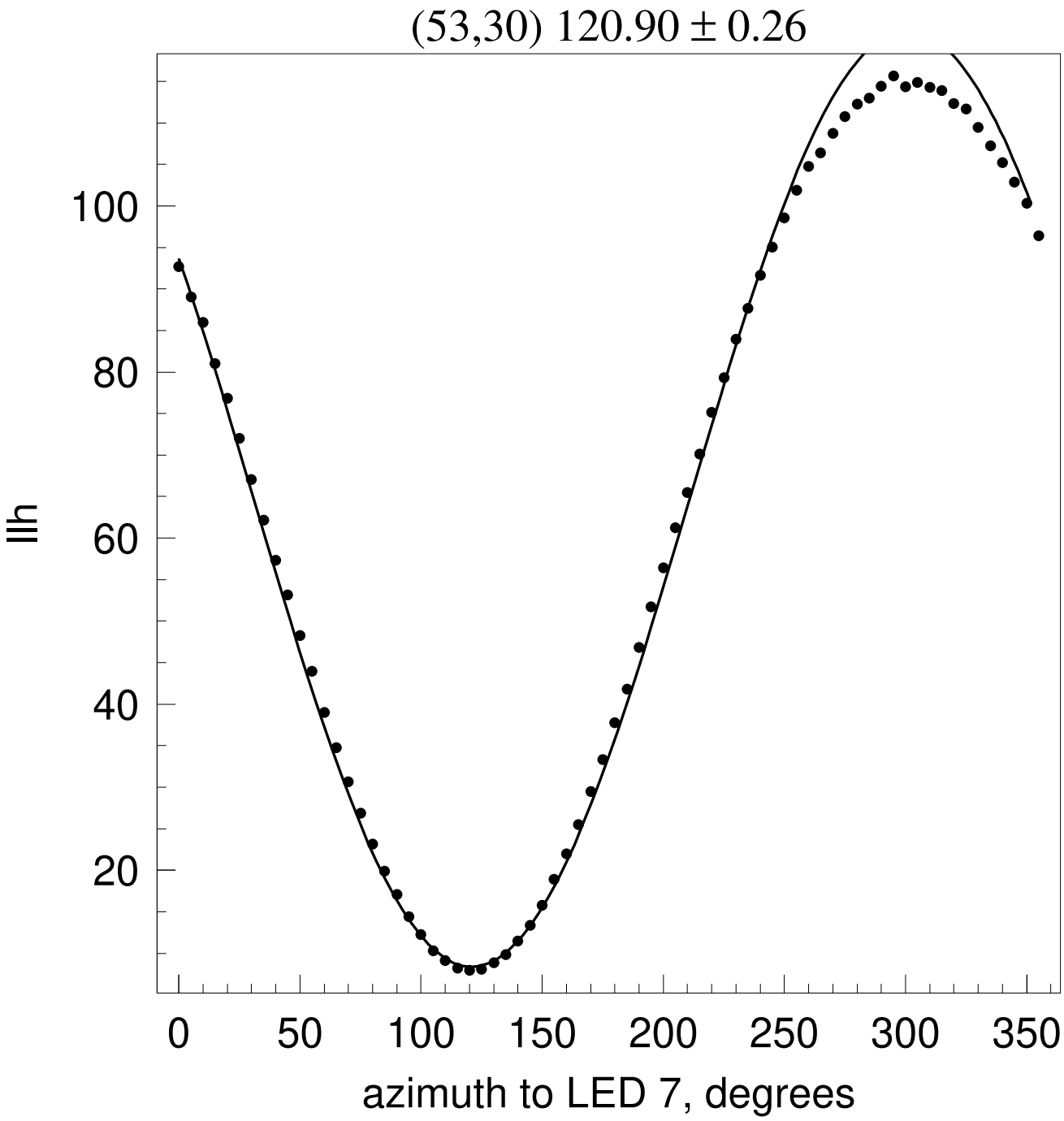

(53,25) 146.39 ± 0.10
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

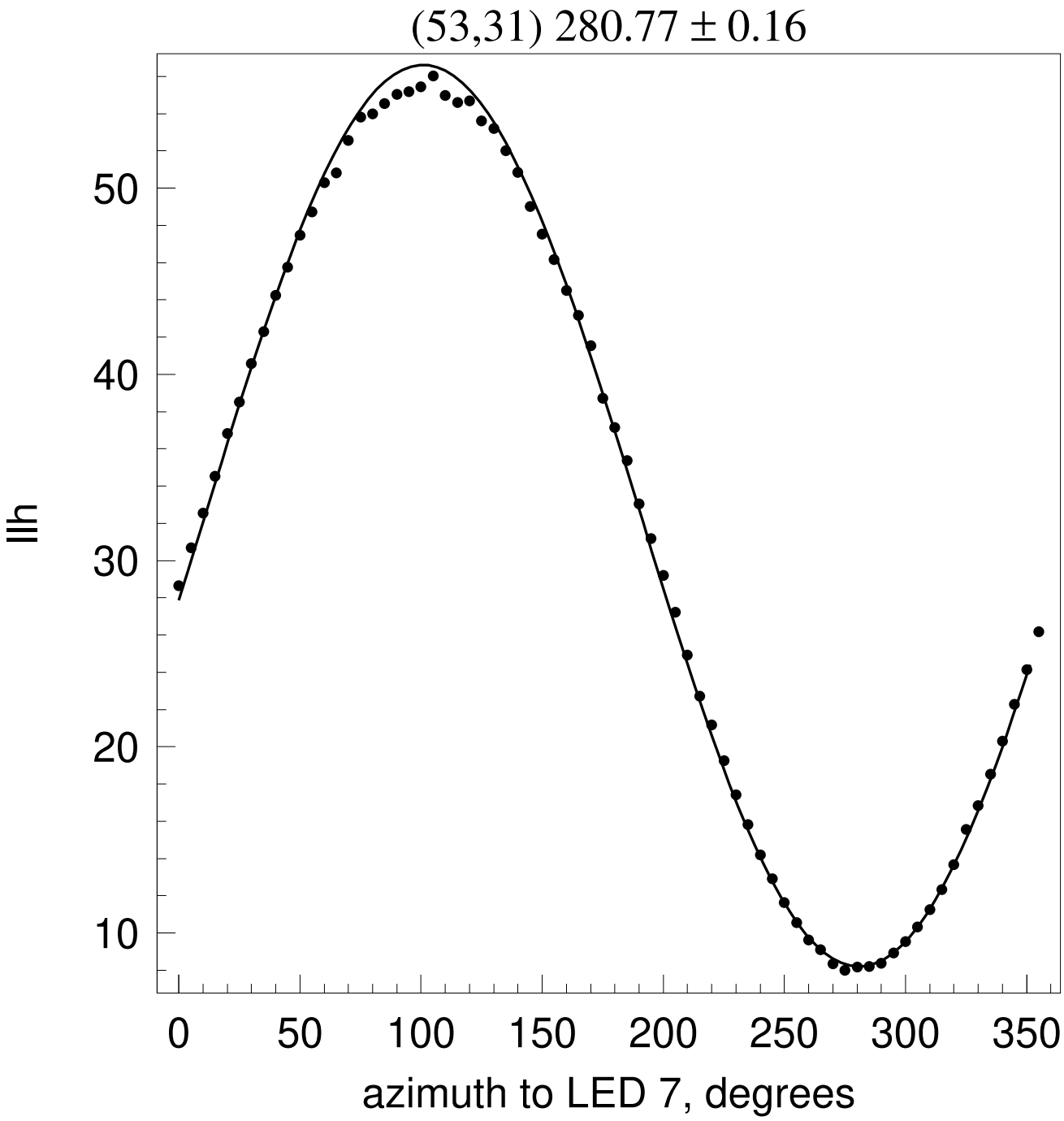

(53,26) 328.46 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

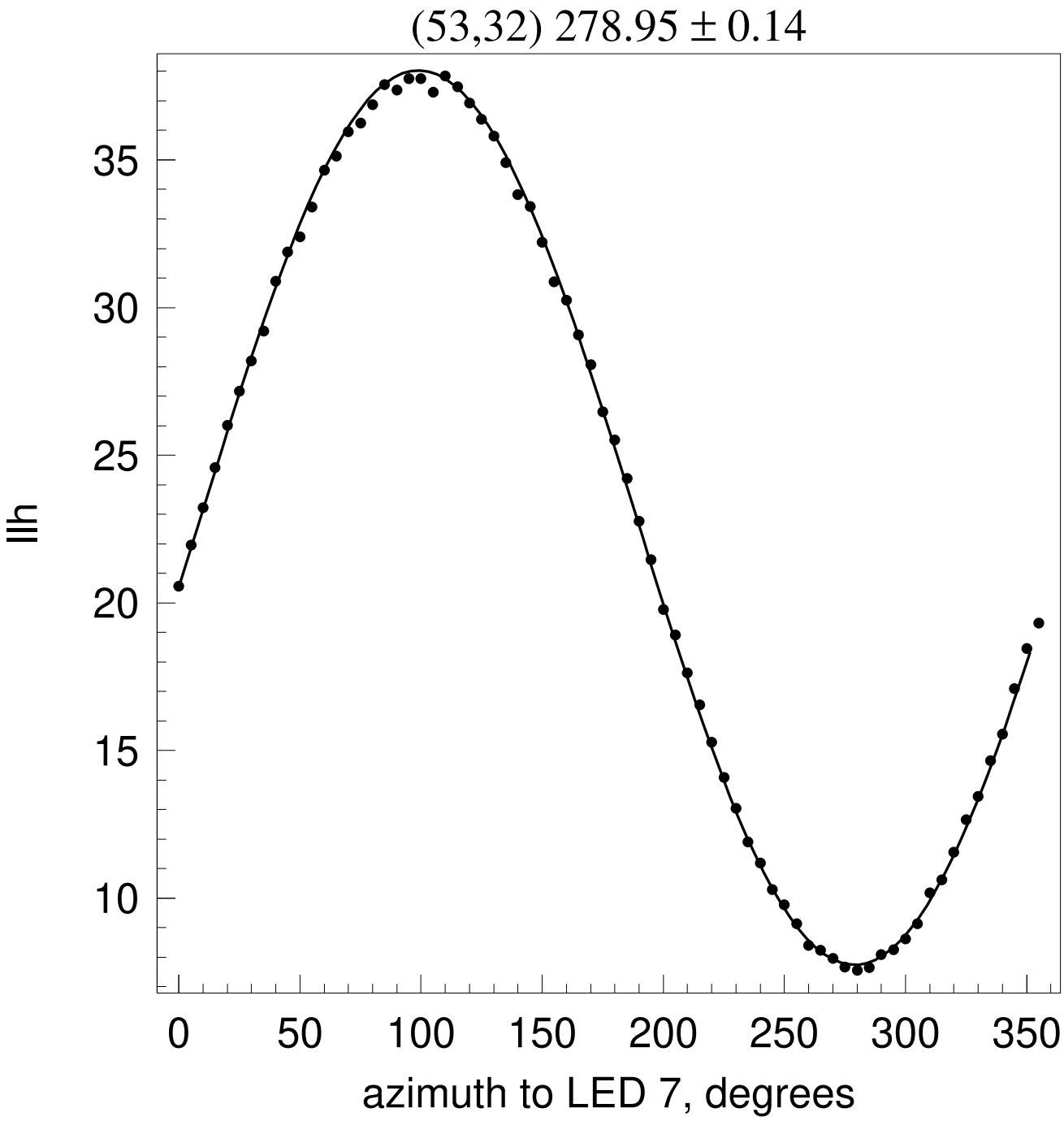

(53,27) 341.37 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

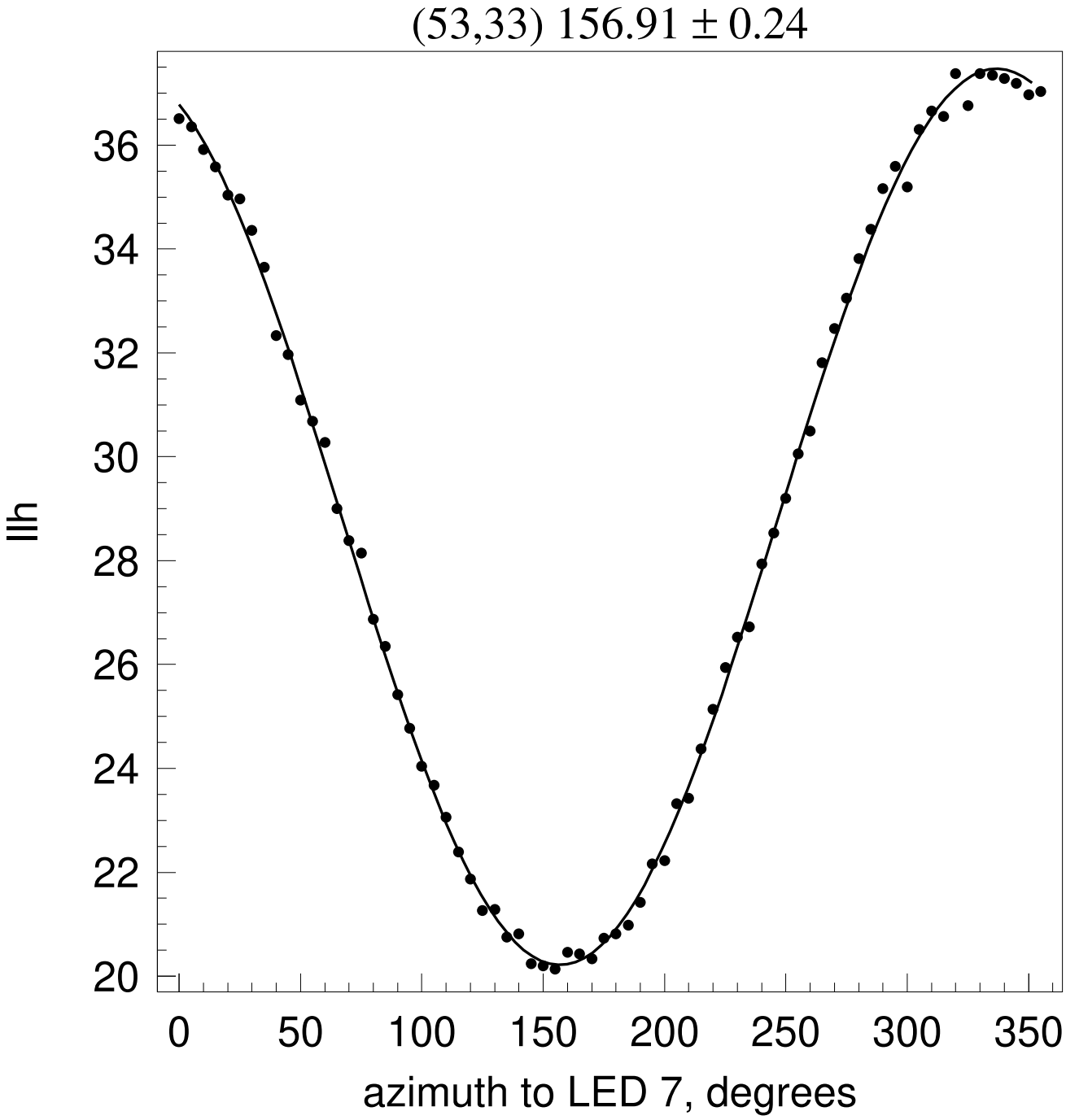

(53,28) 148.47 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

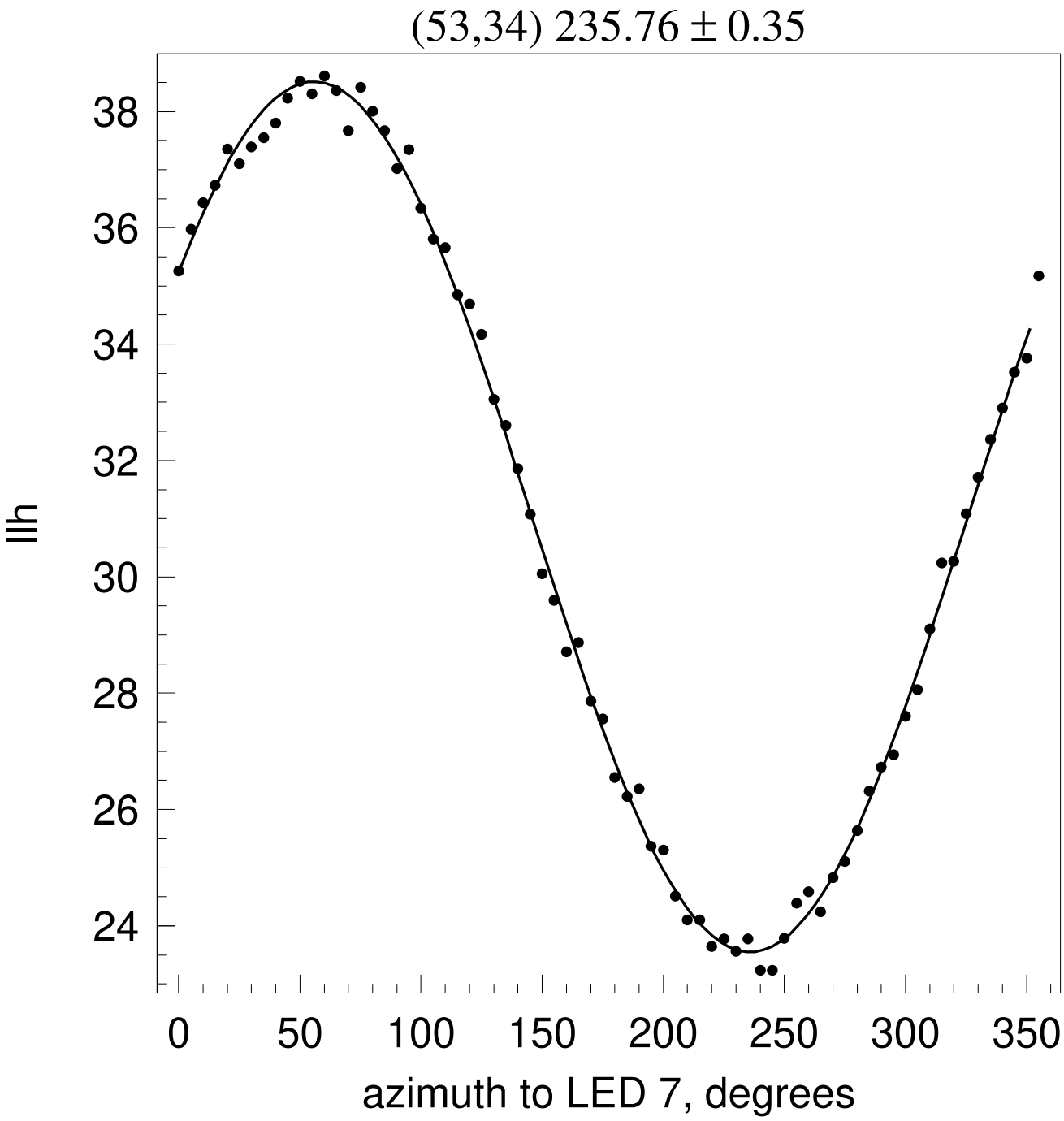

(53,29) 39.08 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

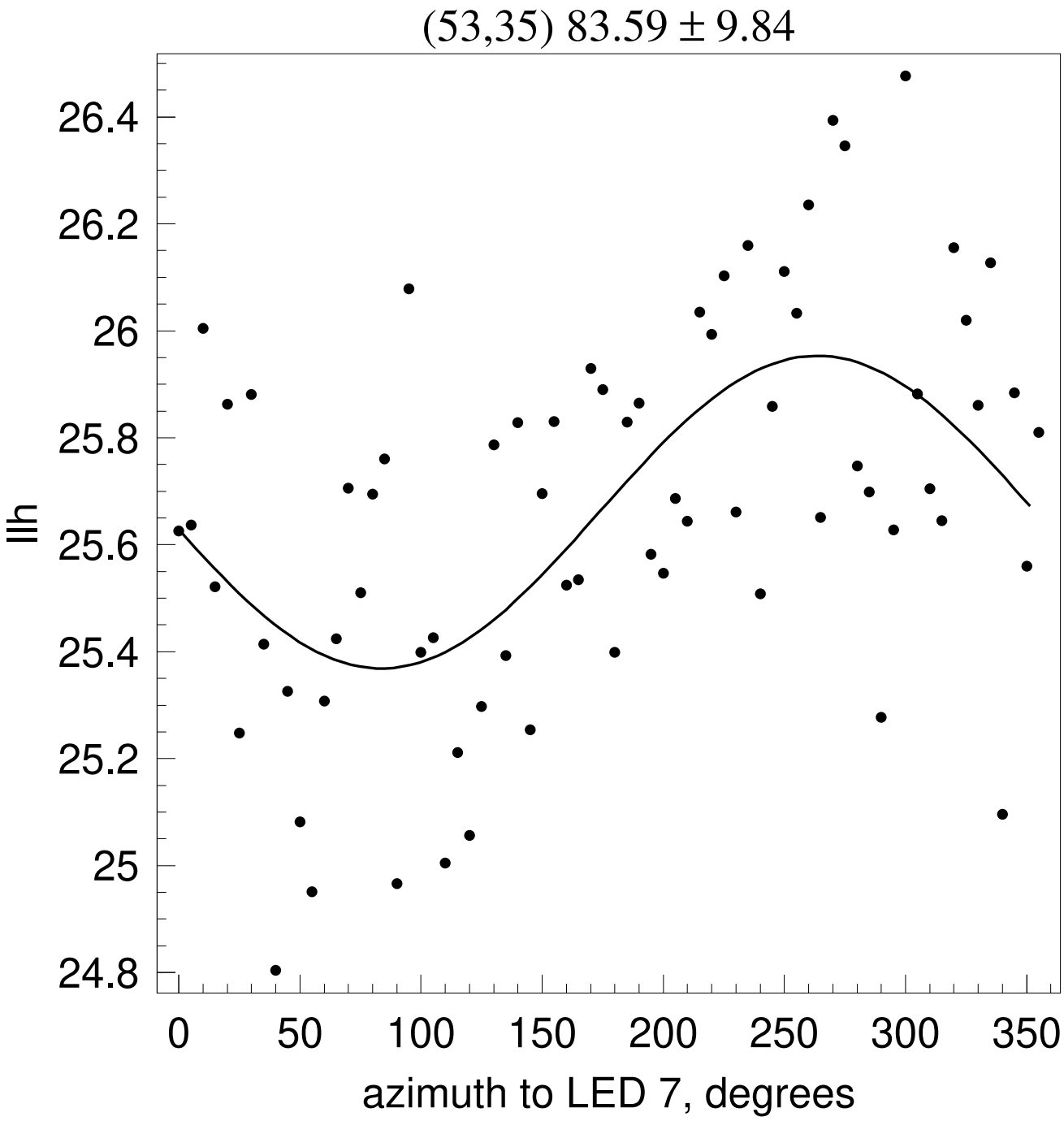

(53,30) 120.90 ± 0.26
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

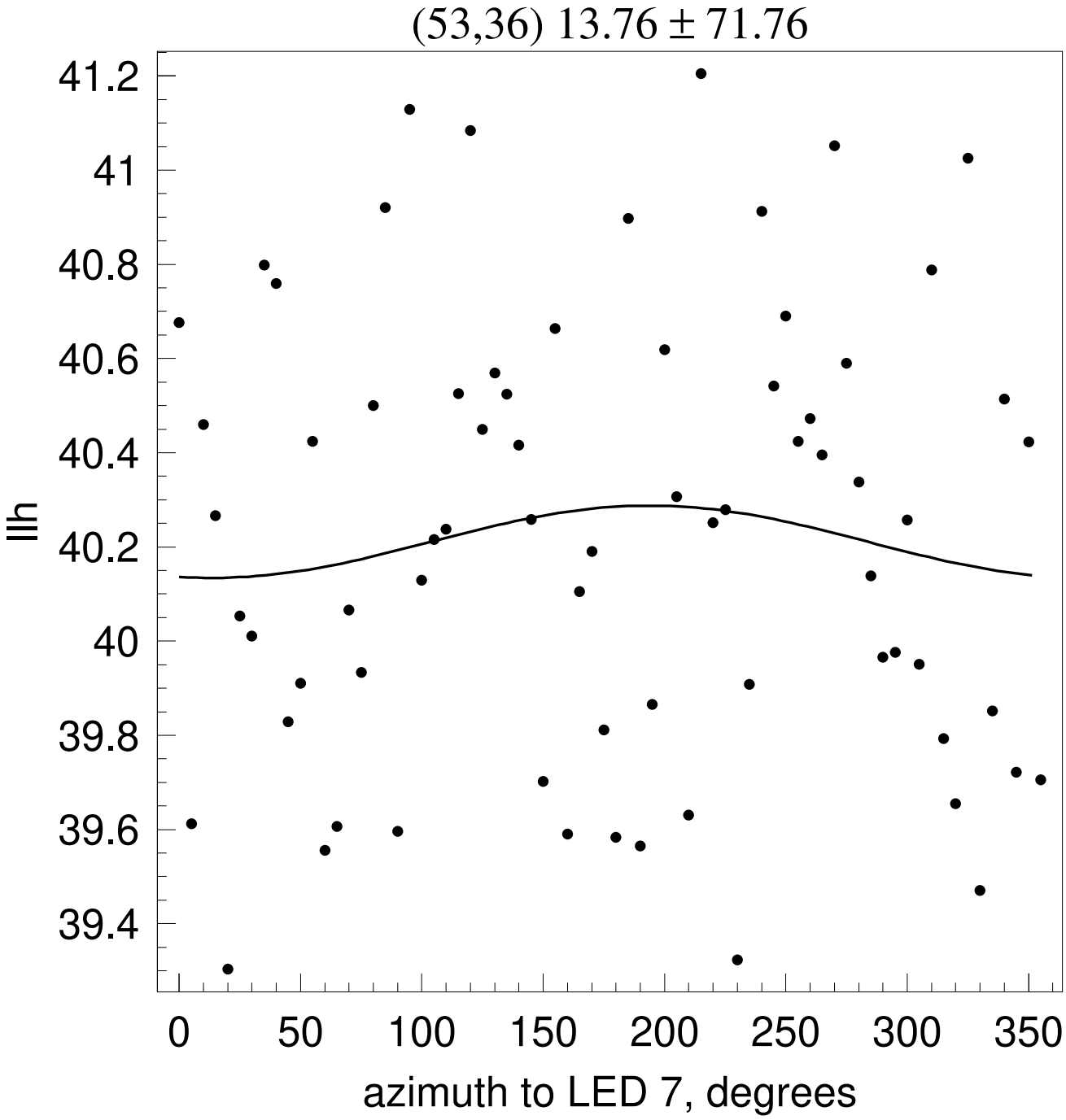

(53,31) 280.77 ± 0.16
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

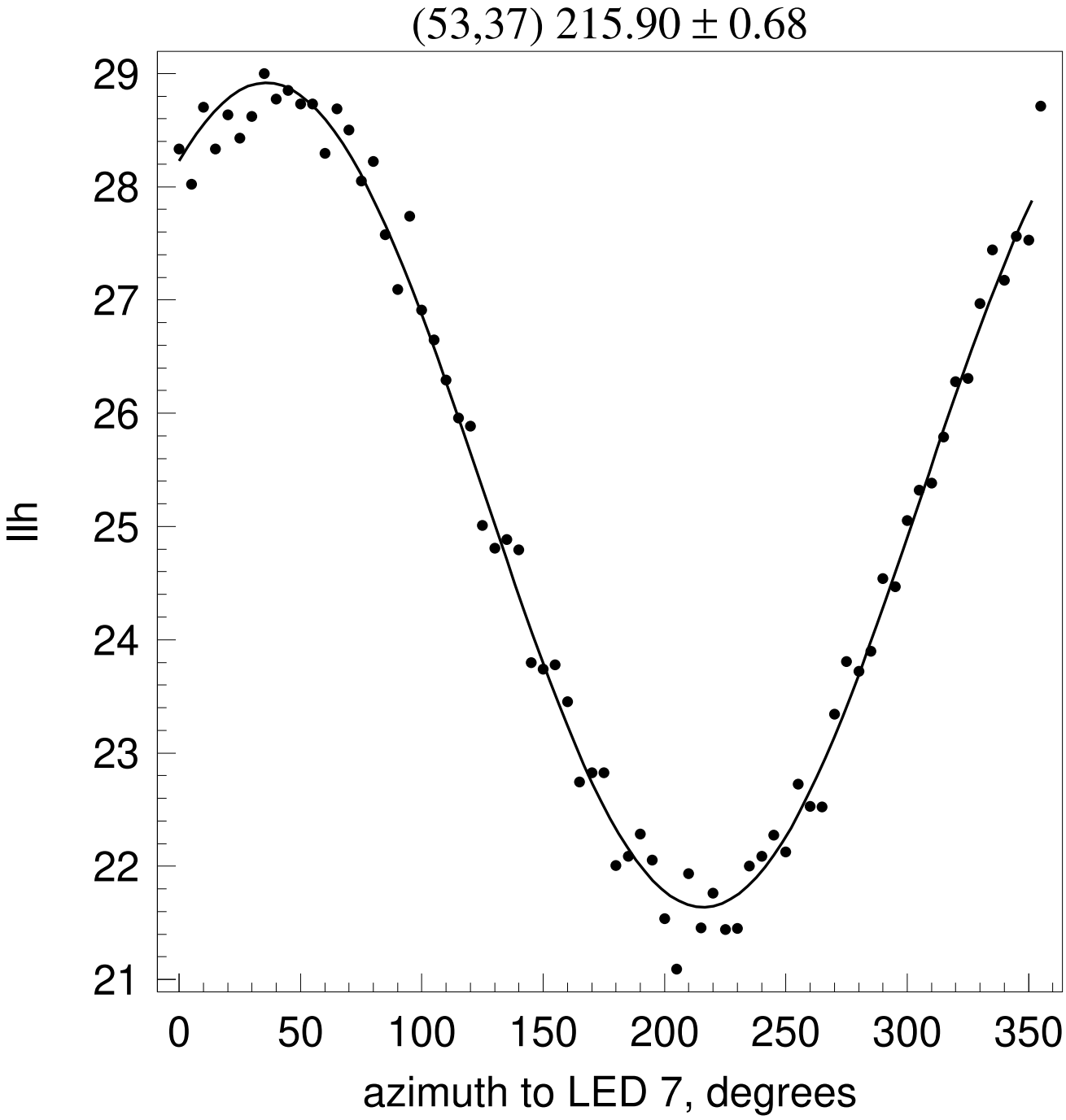

(53,32) 278.95 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

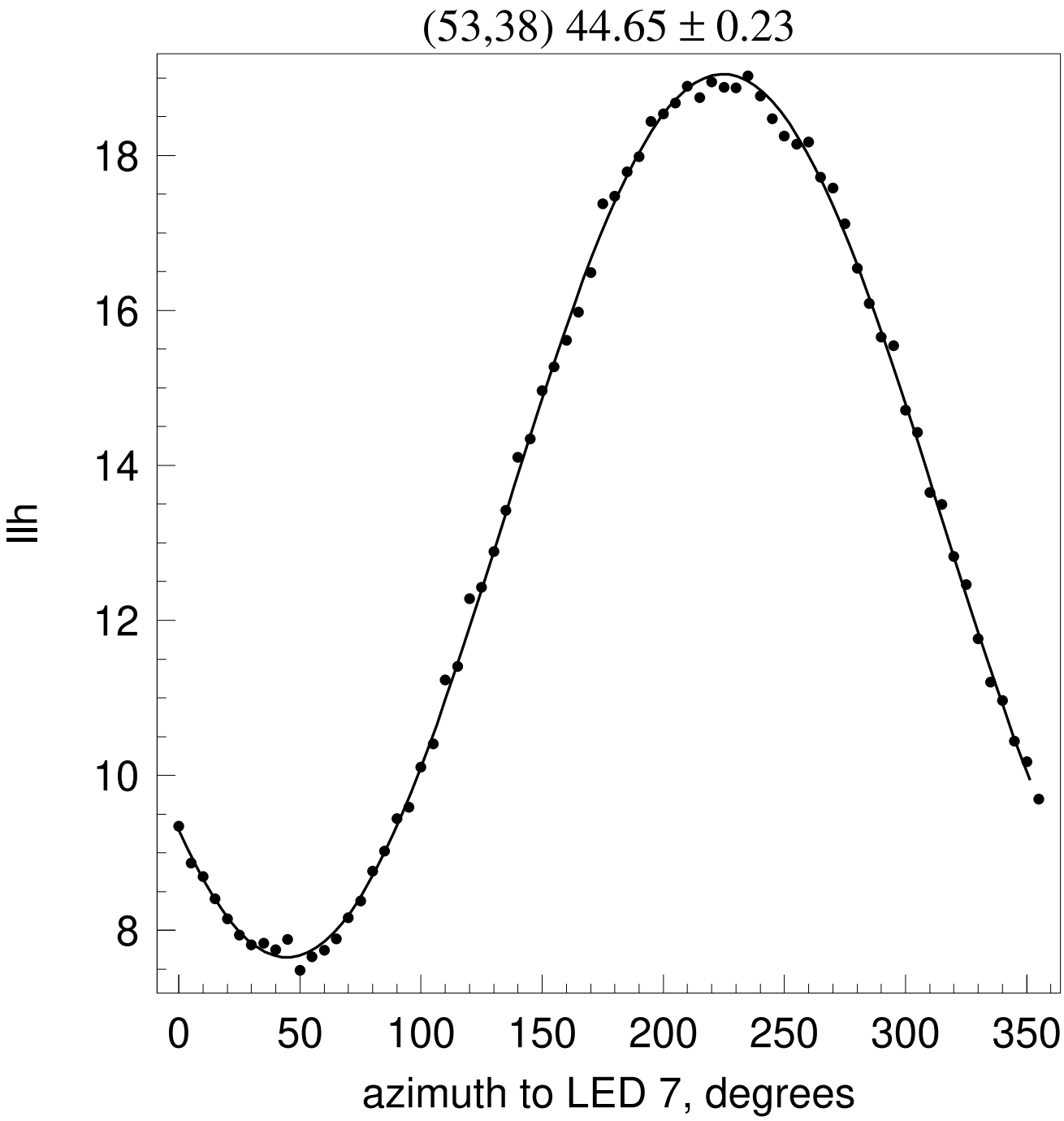

(53,33) 156.91 ± 0.24
36
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

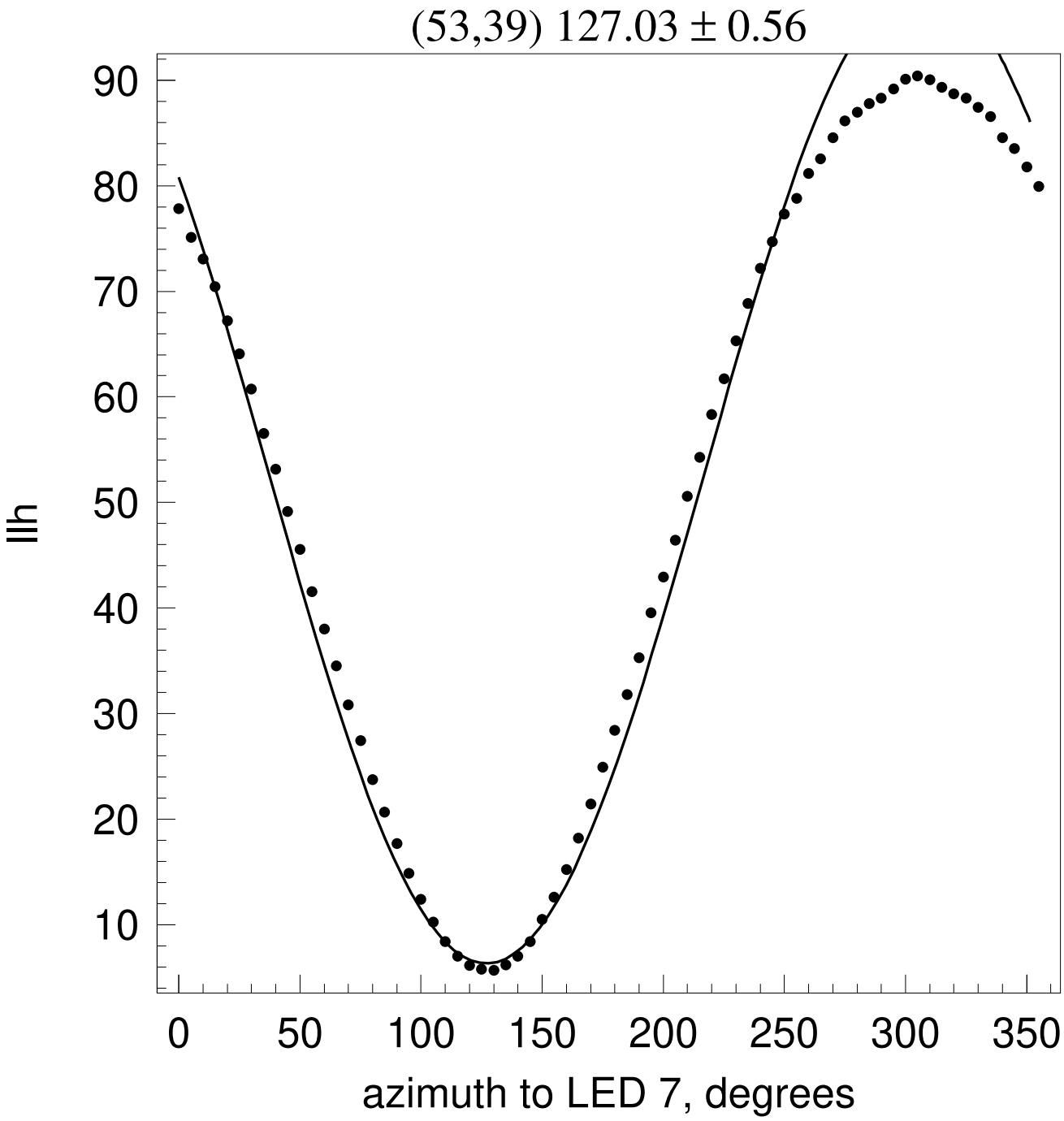

(53,34) 235.76 ± 0.35
38
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

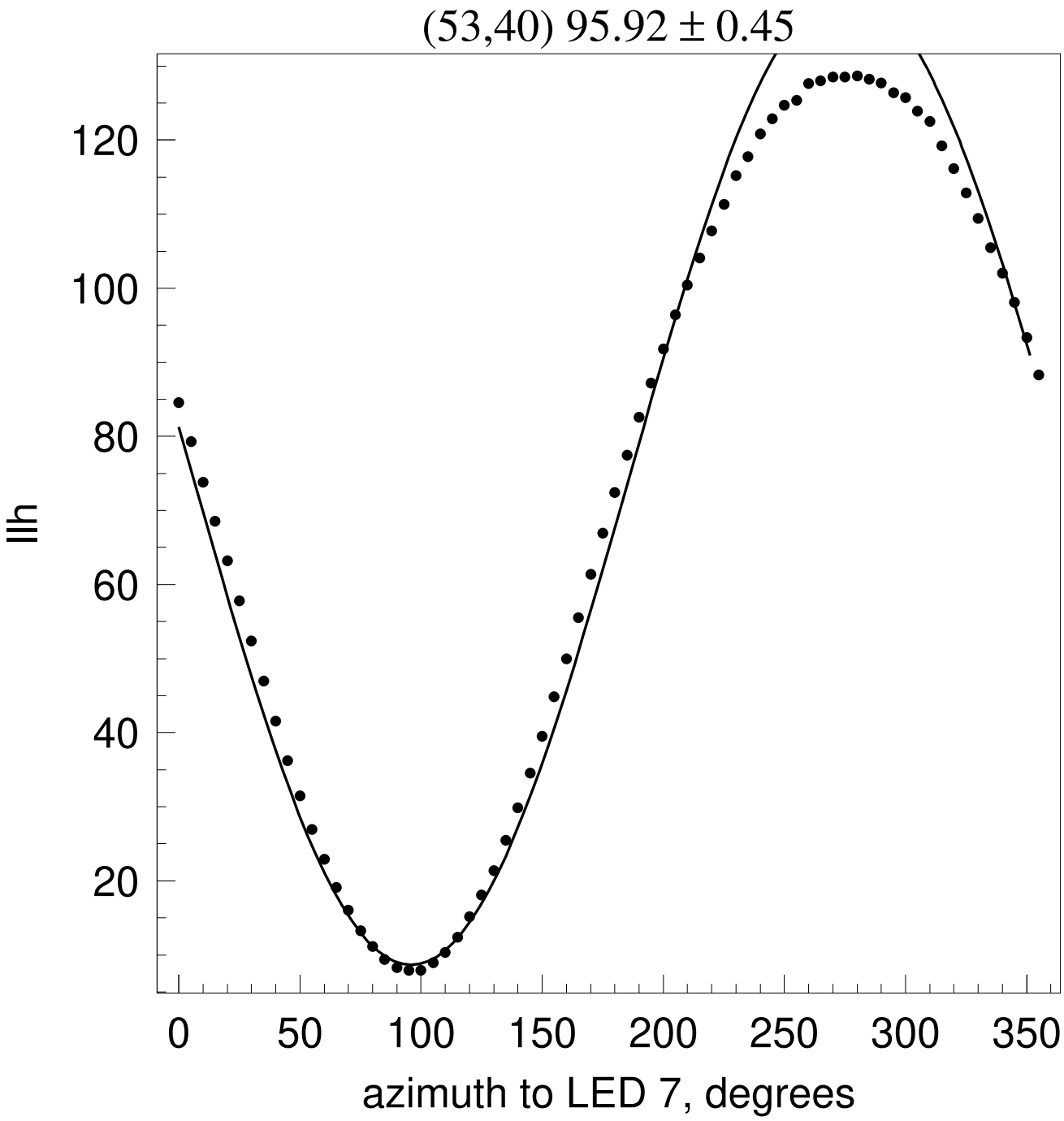

(53,35) 83.59 ± 9.84
26.4
26.2
26
25.8
25.6
25.4
25.2
25
24.8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

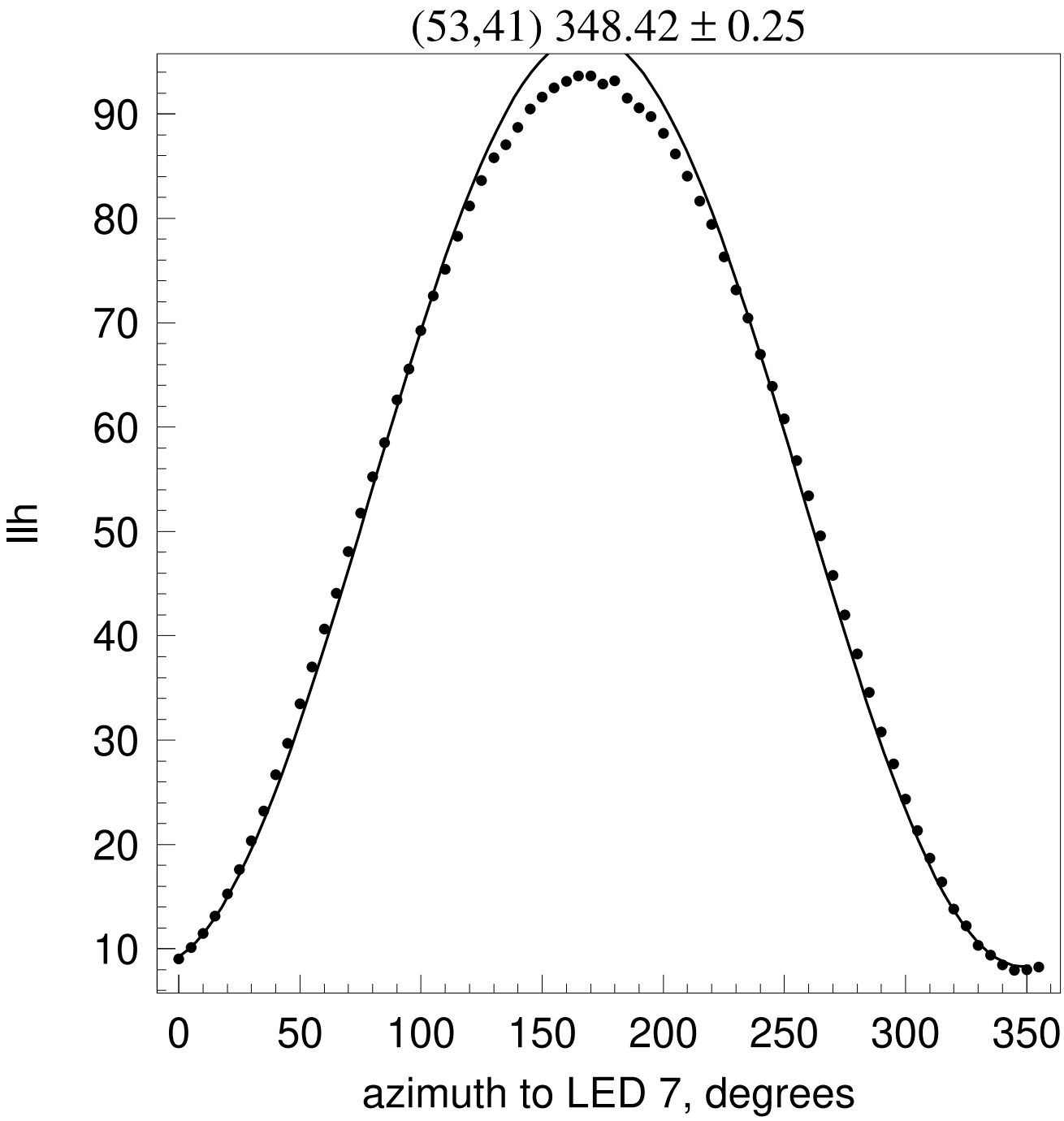

(53,36) 13.76 ± 71.76
41.2
41
40.8
40.6
40.4
40.2
40
39.8
39.6
39.4
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

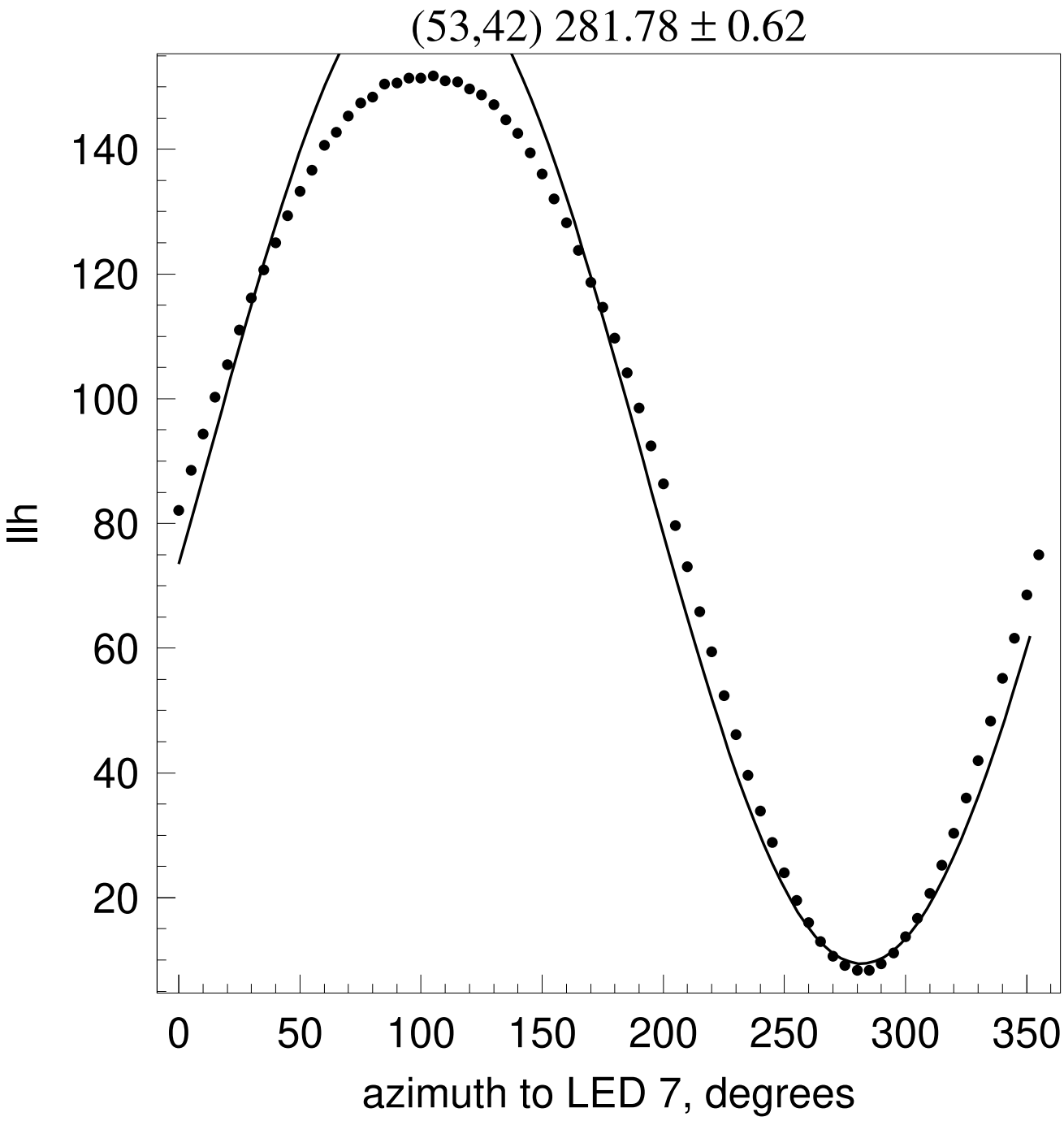

(53,37) 215.90 ± 0.68
29
28
27
26
25
24
23
22
21
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

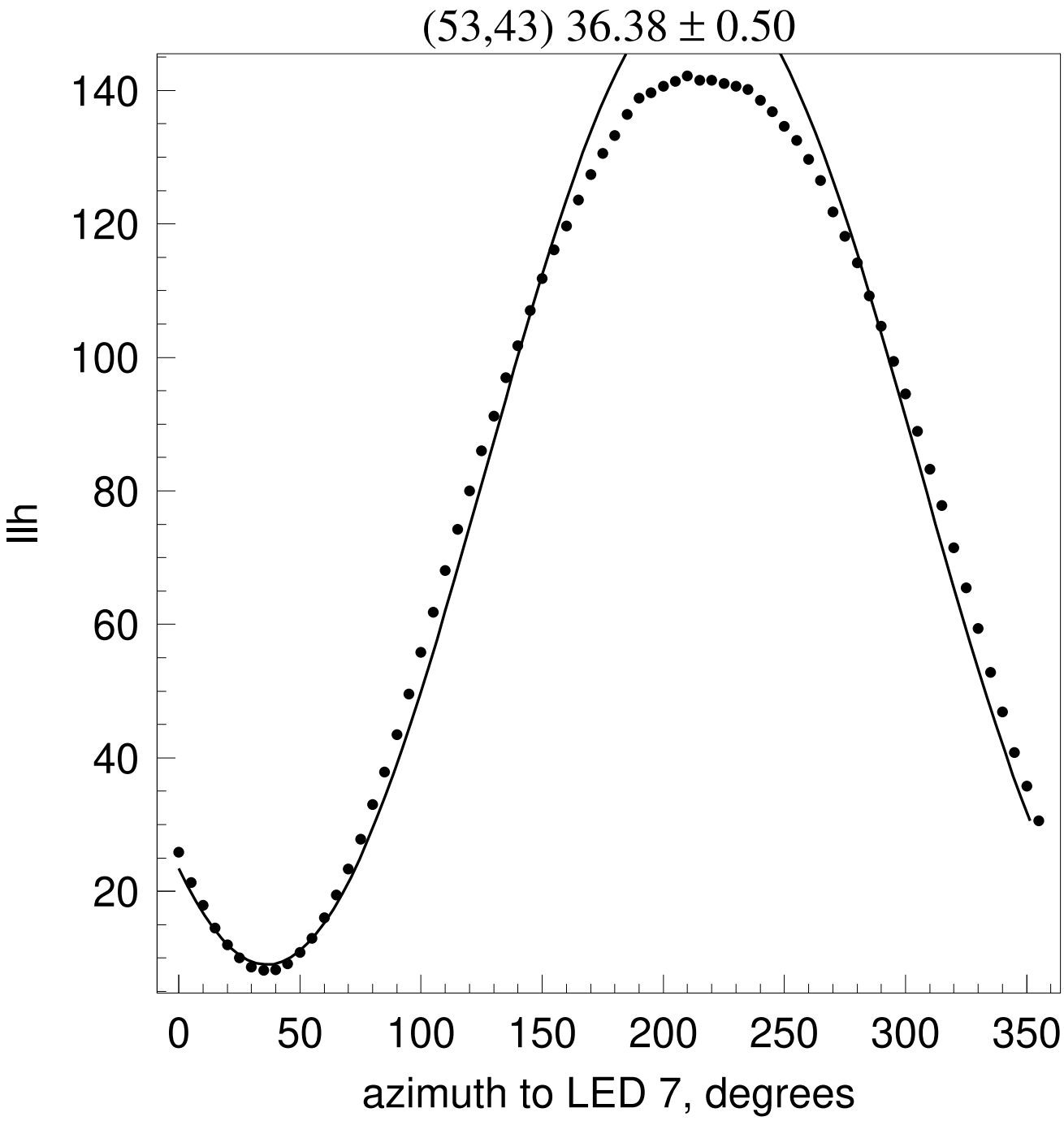

(53,38) 44.65 ± 0.23
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

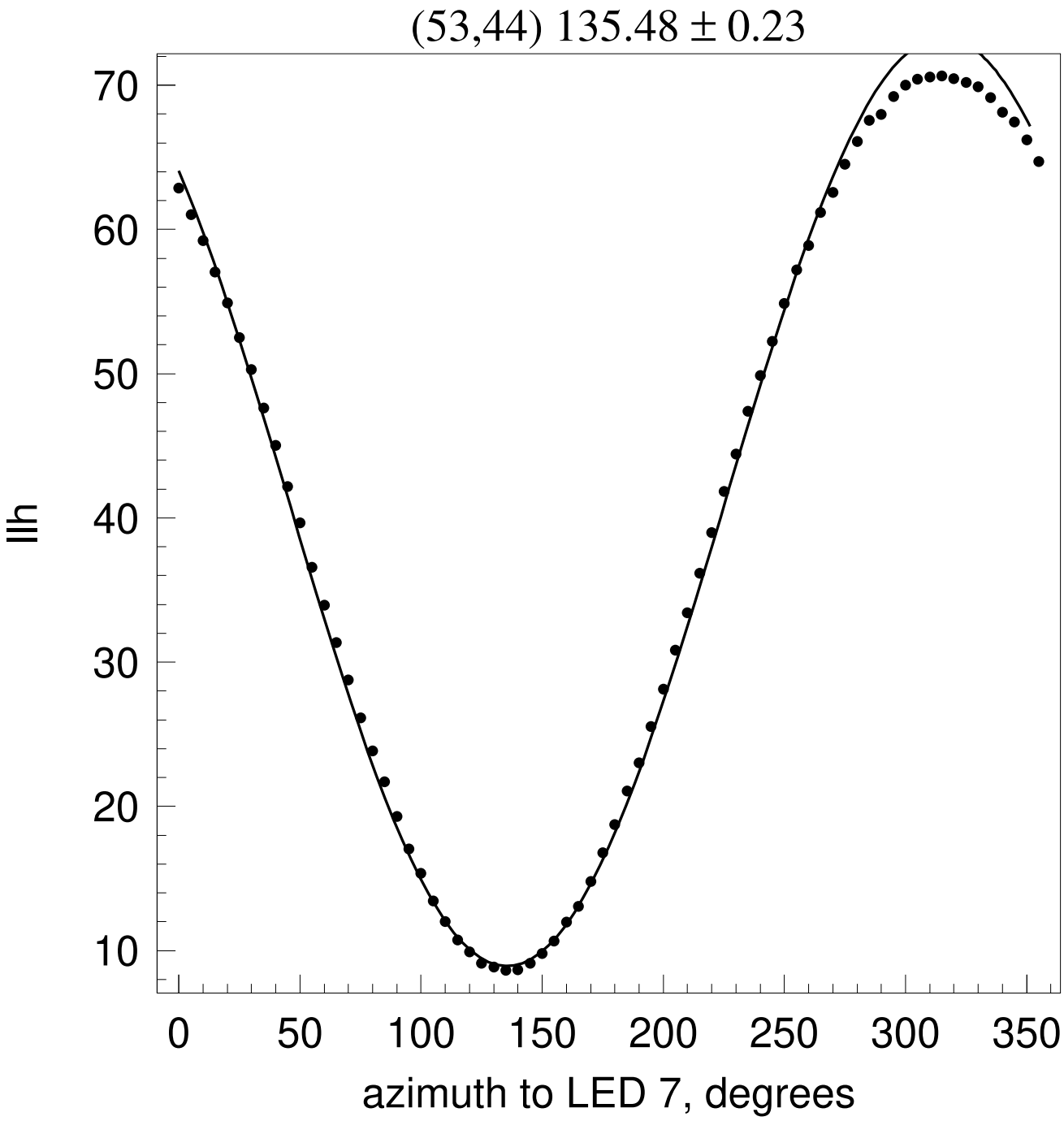

(53,39) 127.03 ± 0.56
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

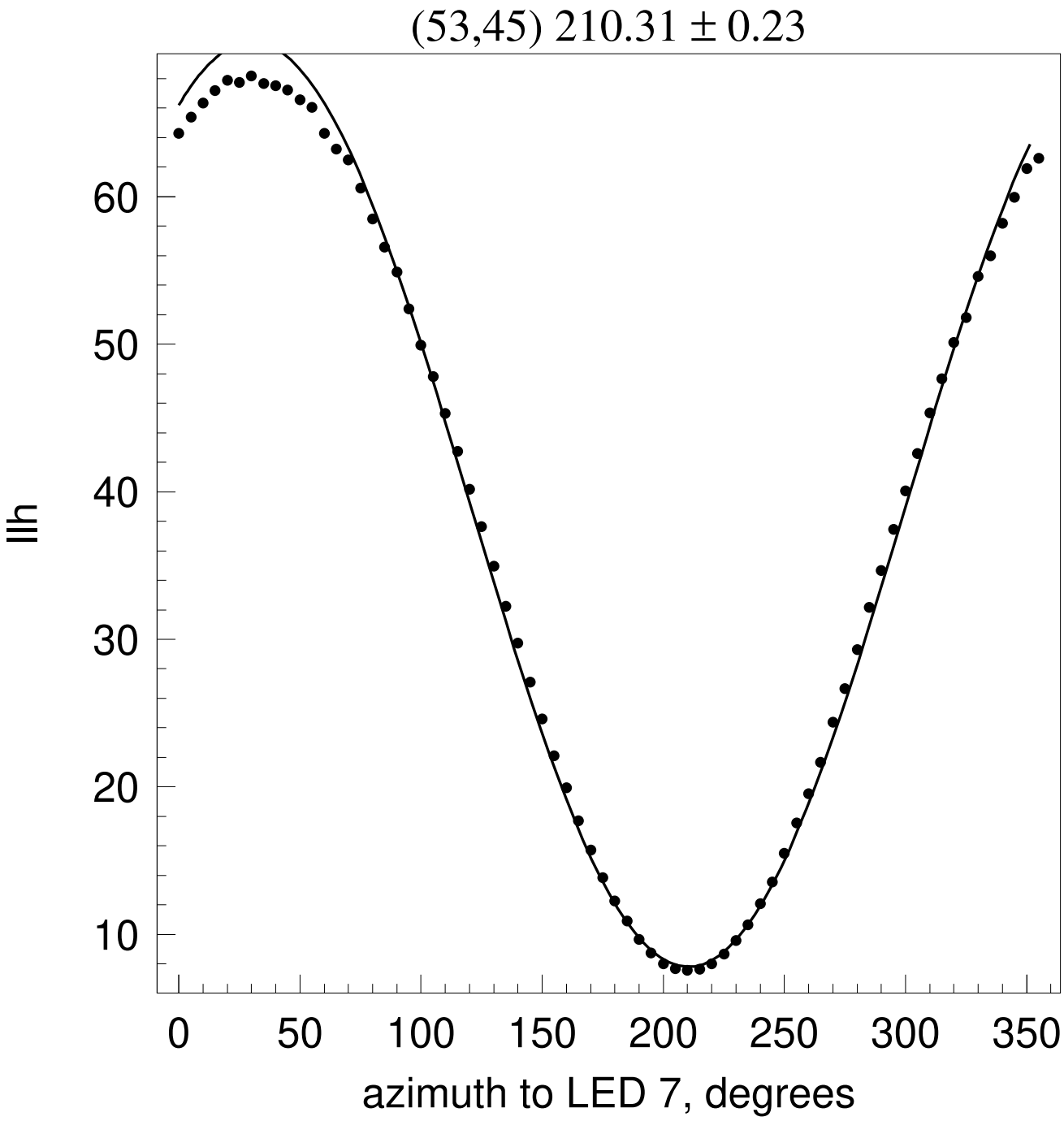

(53,40) 95.92 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

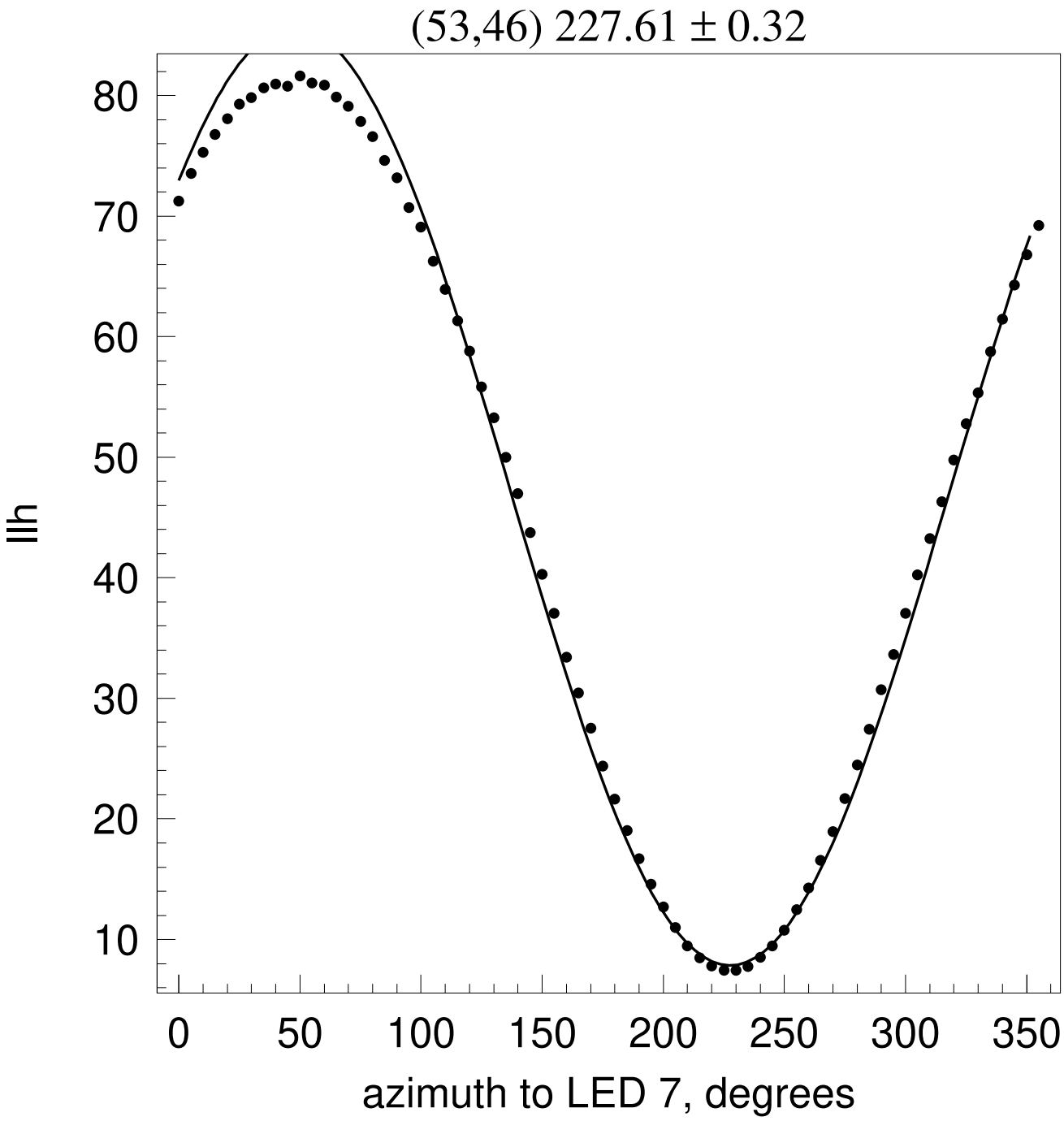

(53,41) 348.42 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

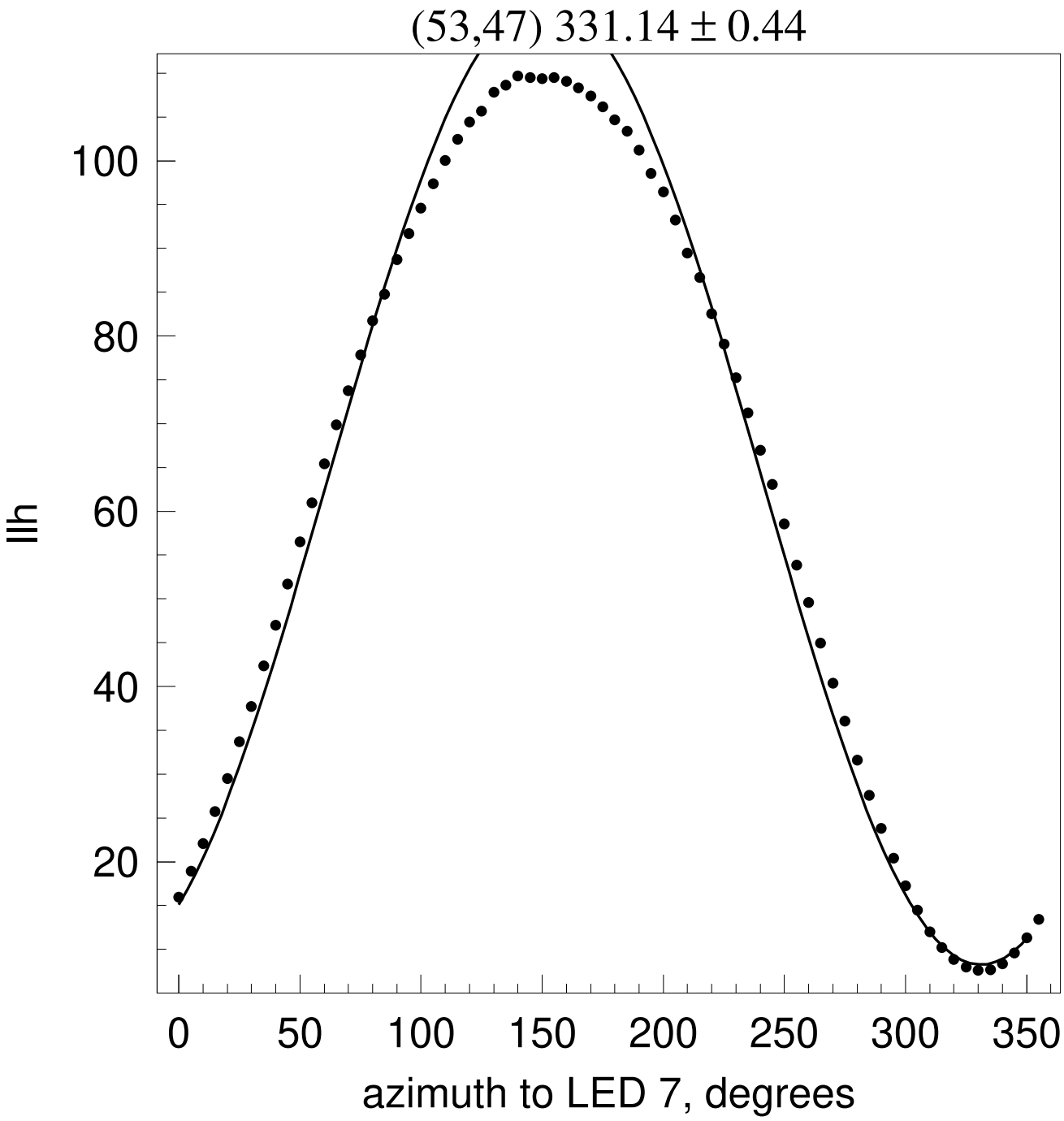

(53,42) 281.78 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

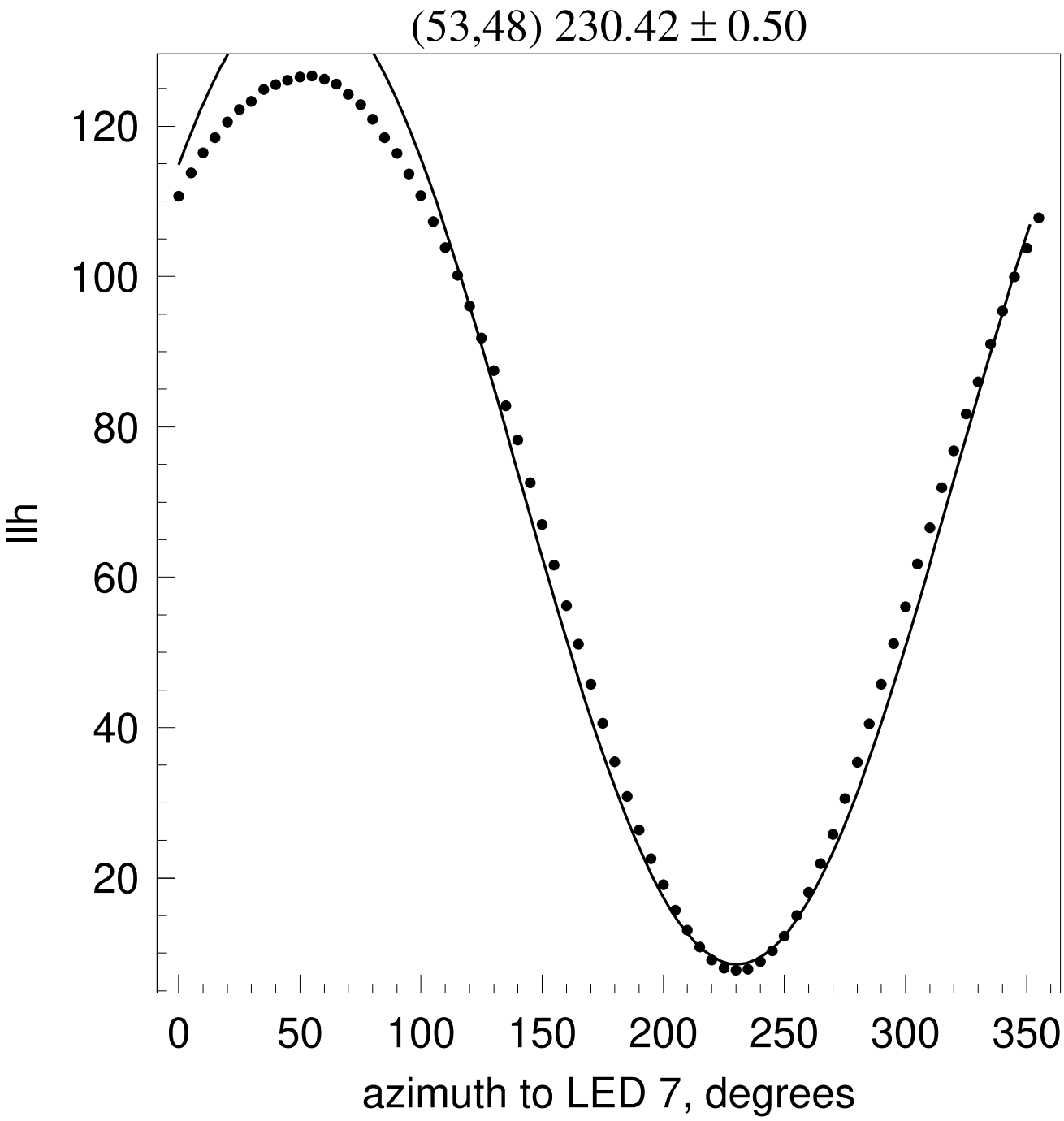

(53,43) 36.38 ± 0.50
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

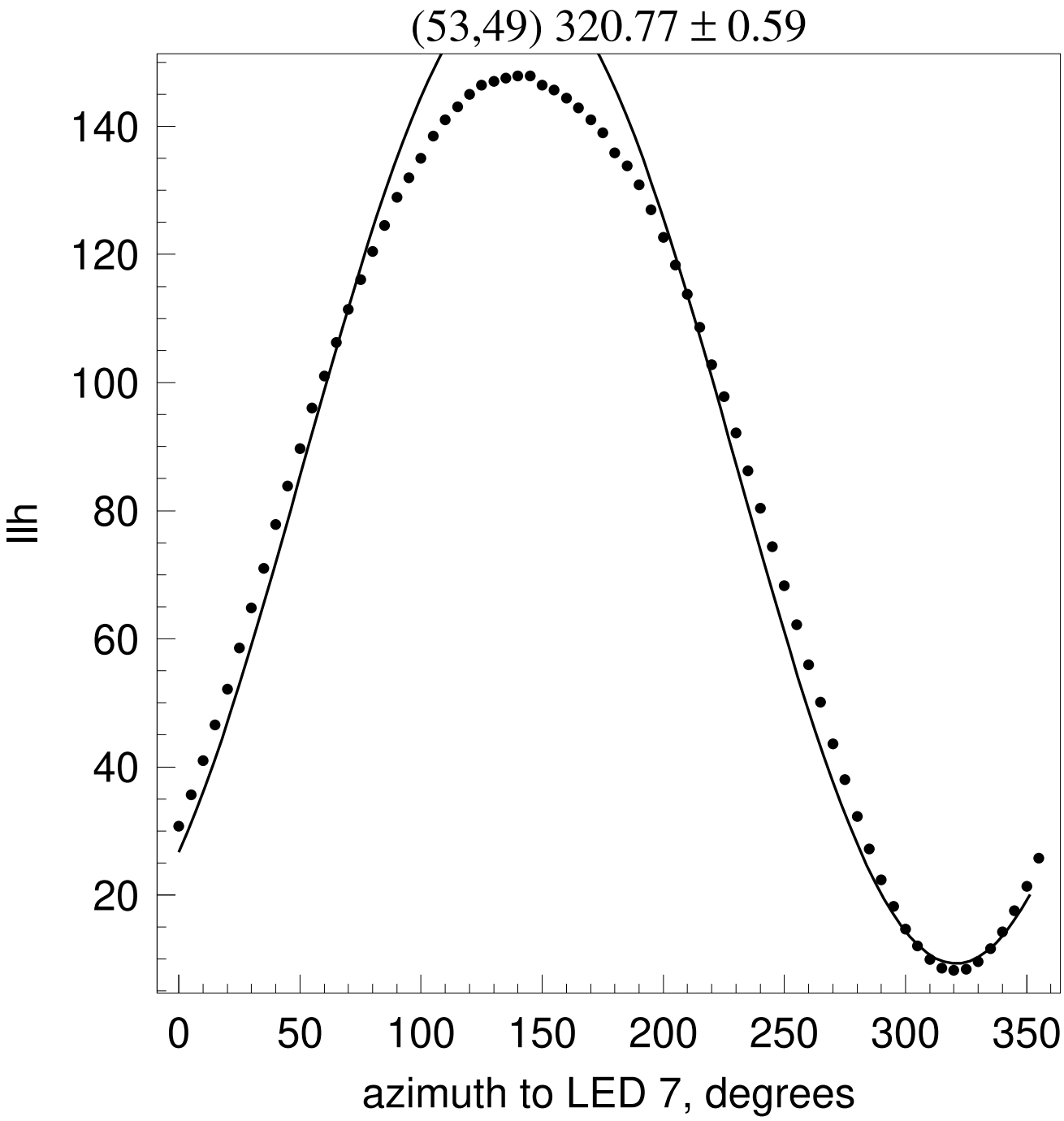

(53,44) 135.48 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

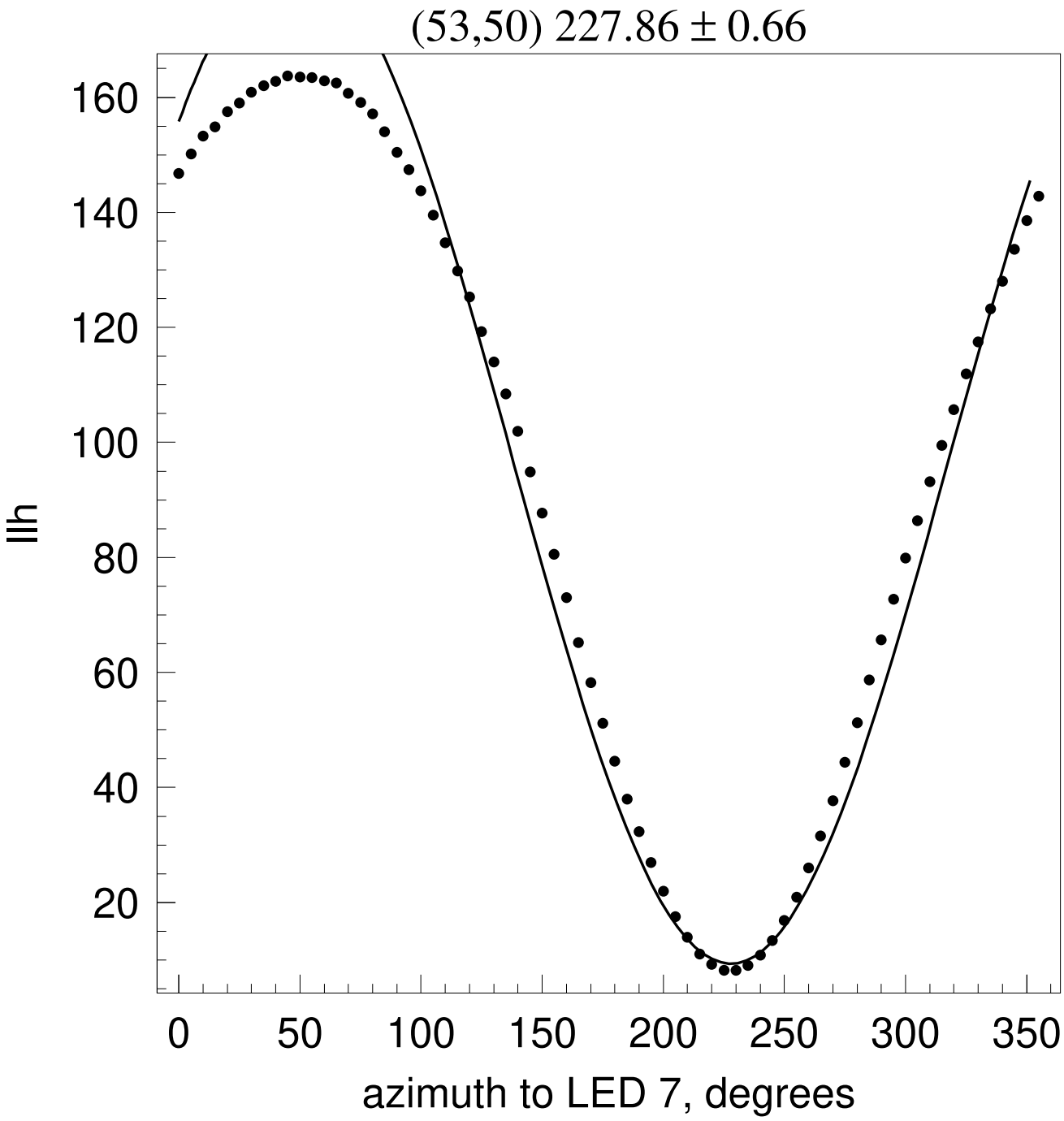

(53,45) 210.31 ± 0.23
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

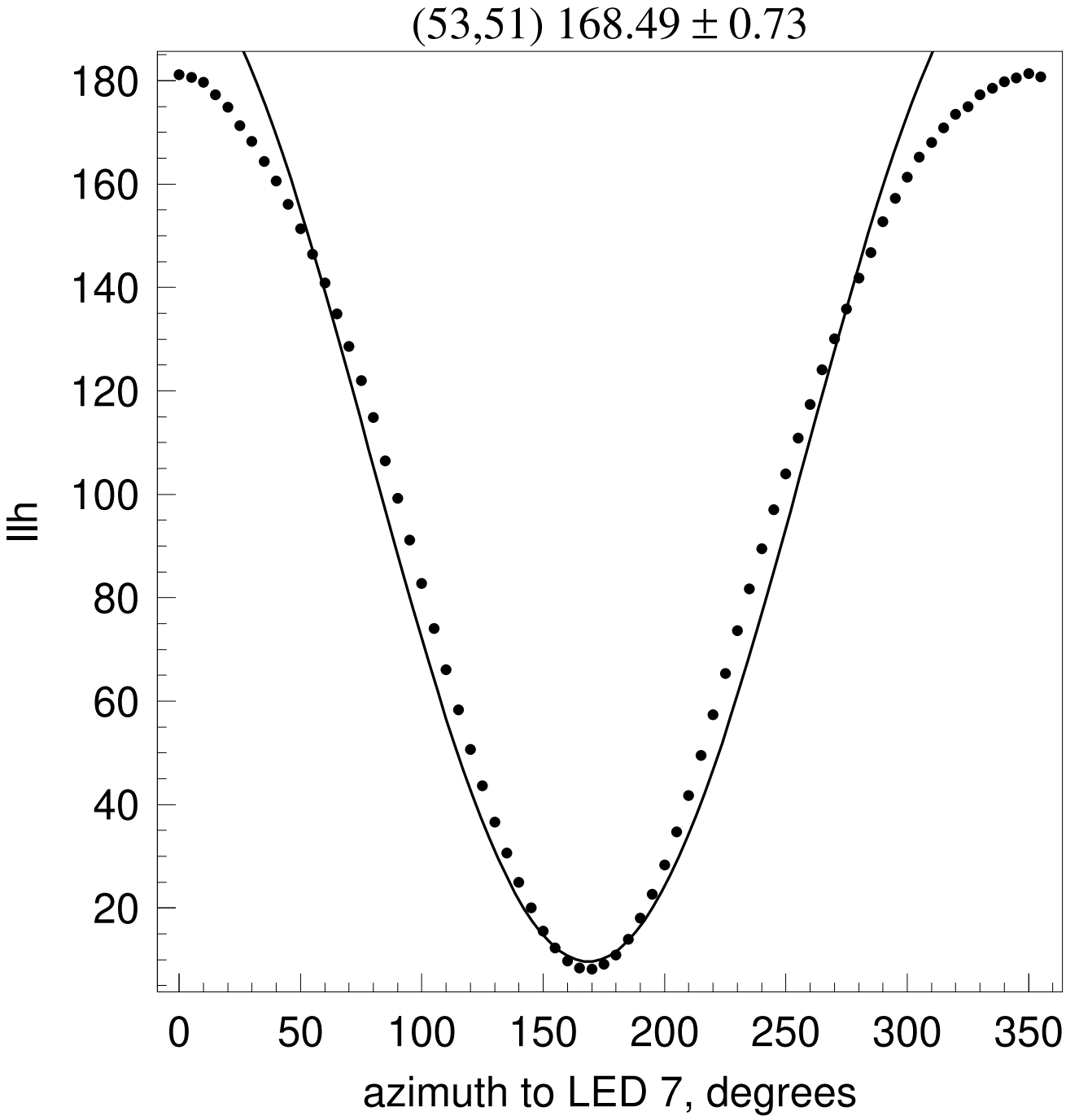

(53,46) 227.61 ± 0.32
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

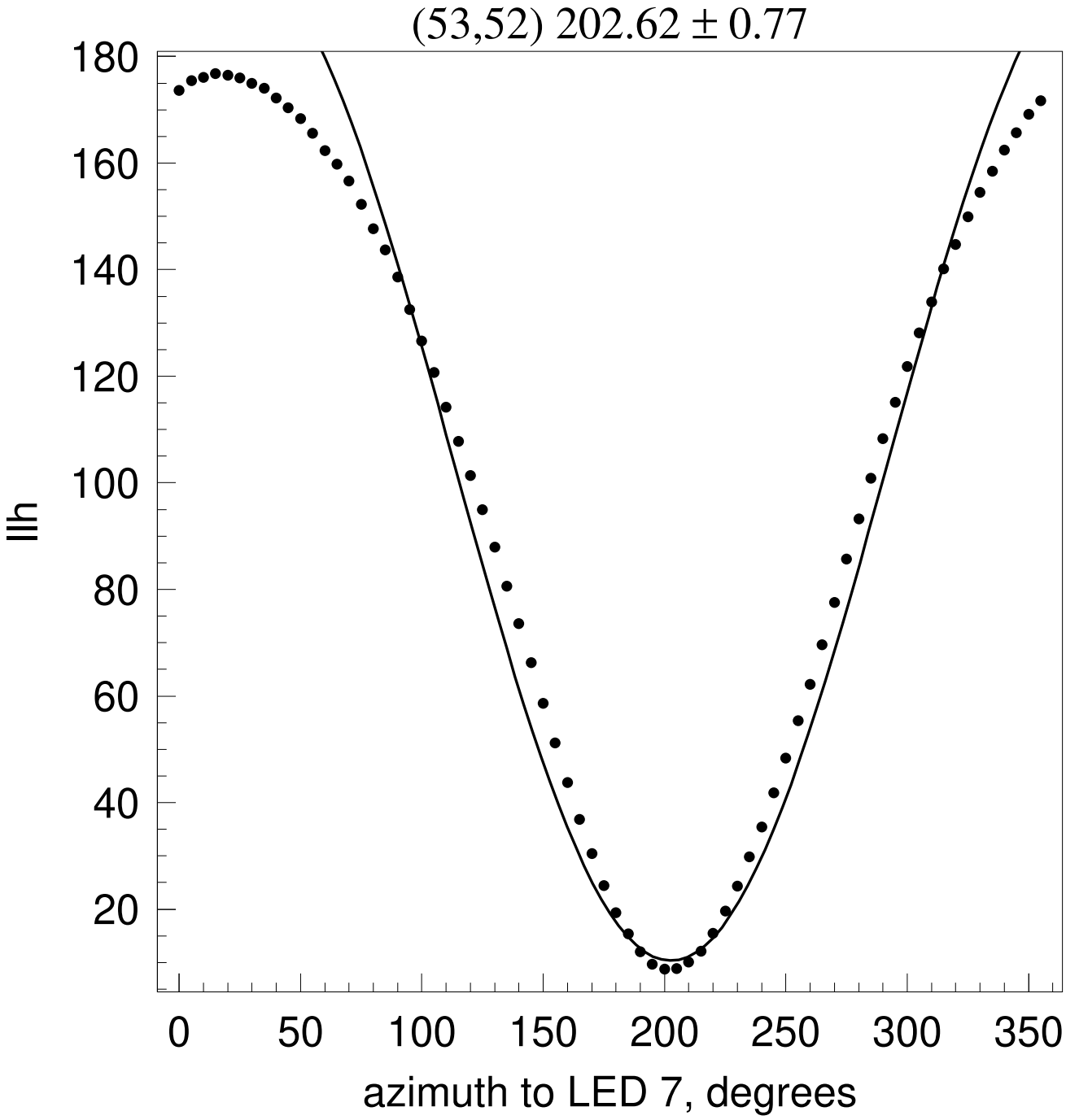

(53,47) 331.14 ± 0.44
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

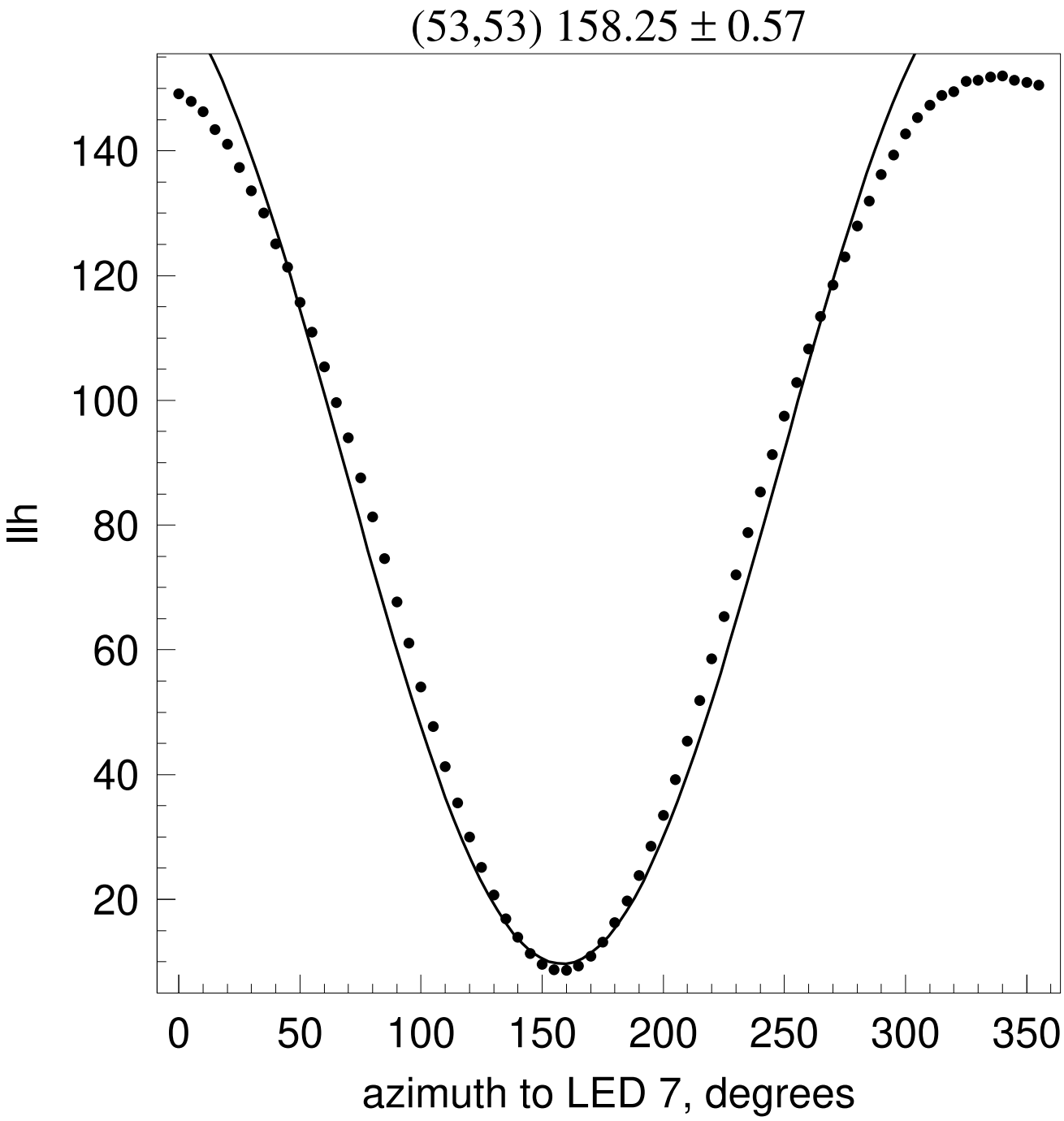

(53,48) 230.42 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

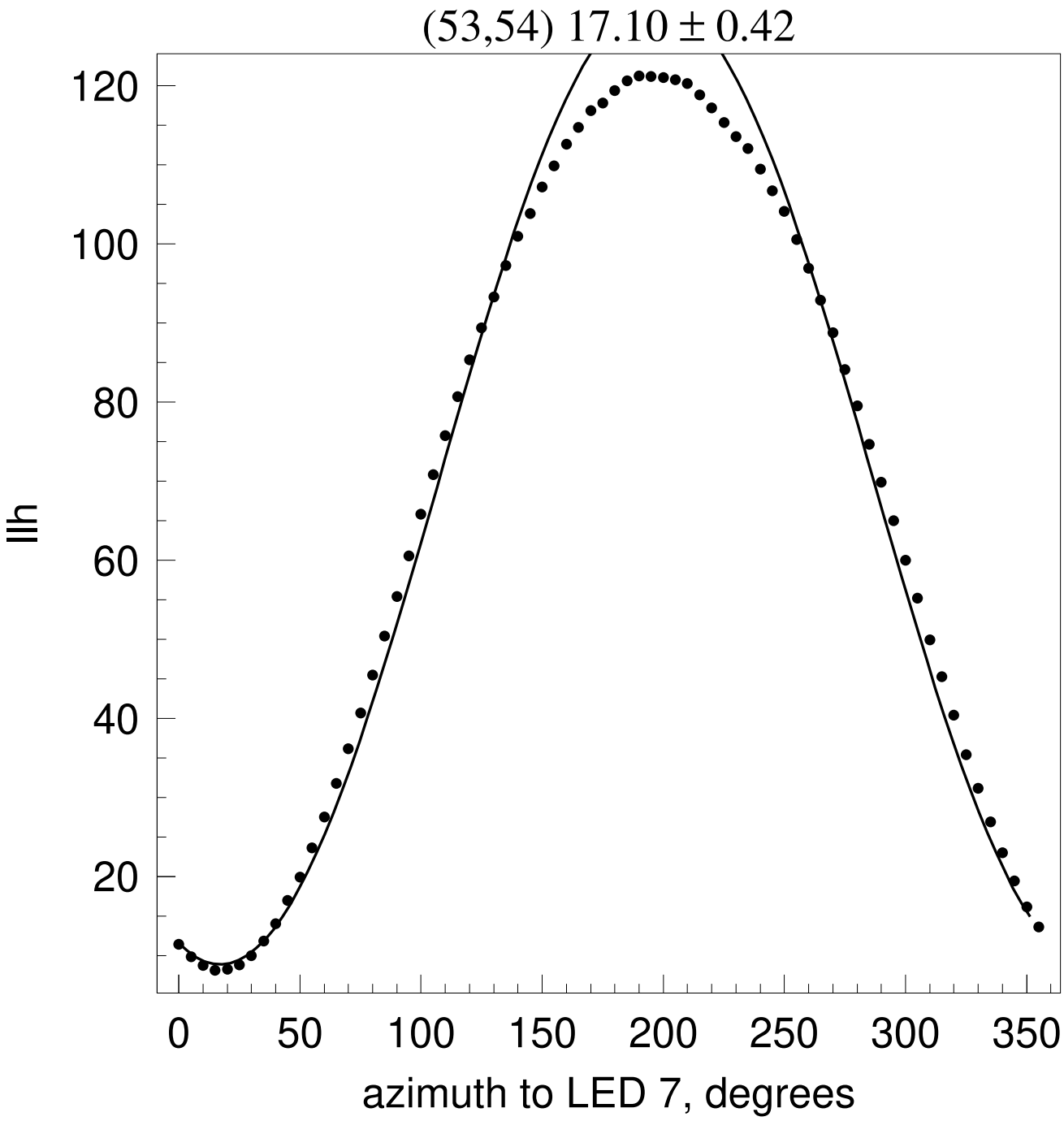

(53,49) 320.77 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

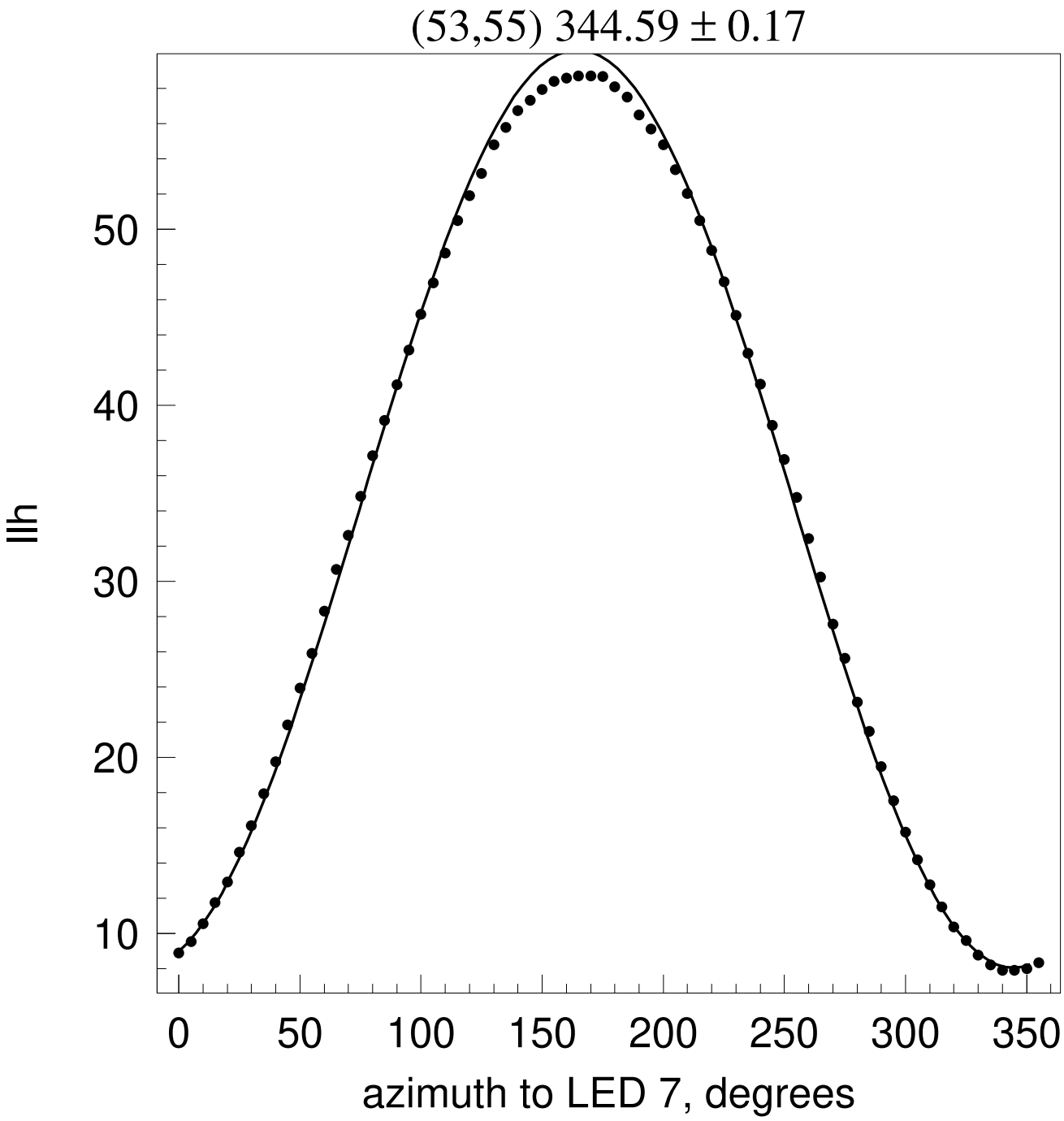

(53,50) 227.86 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

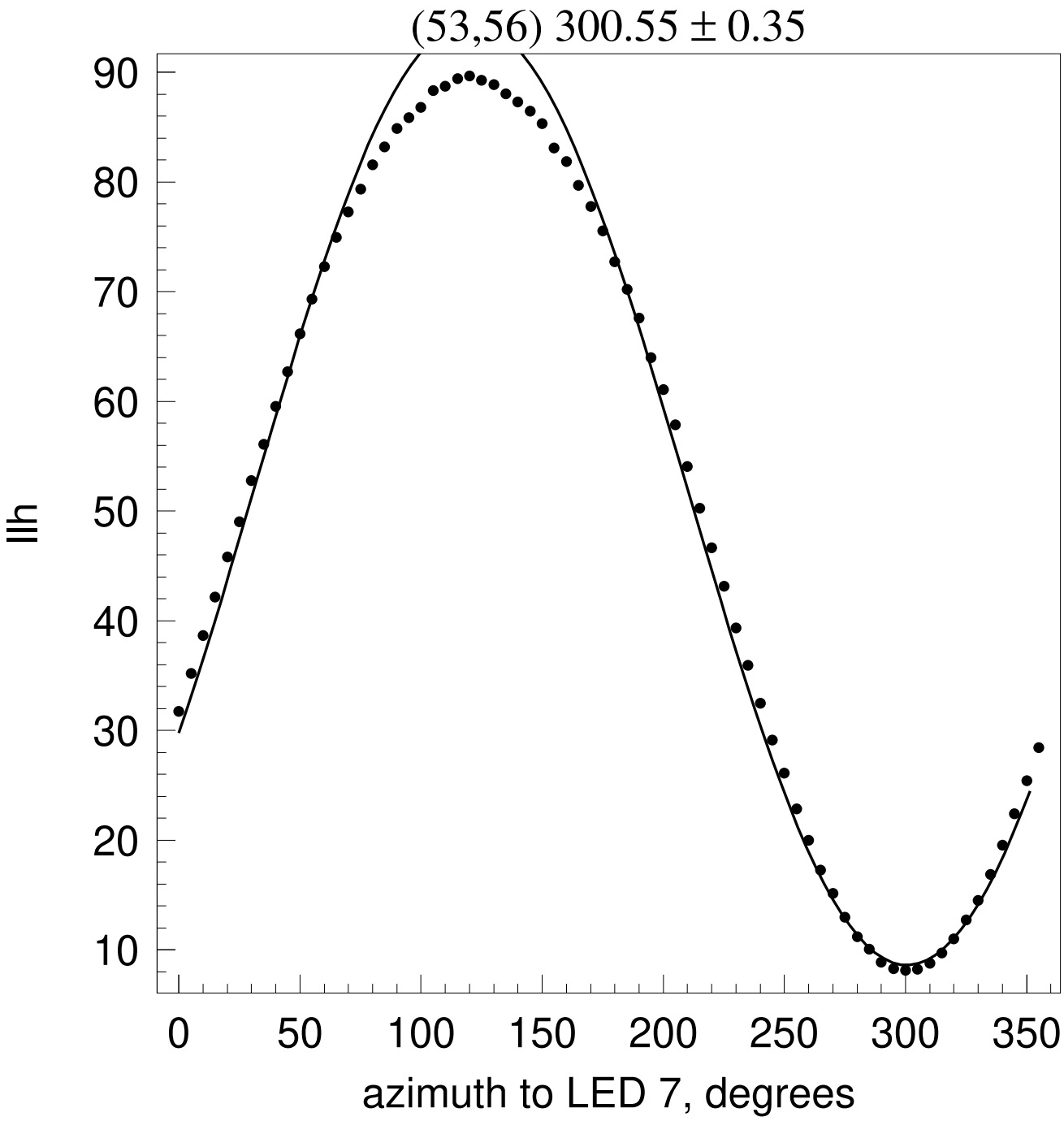

(53,51) 168.49 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

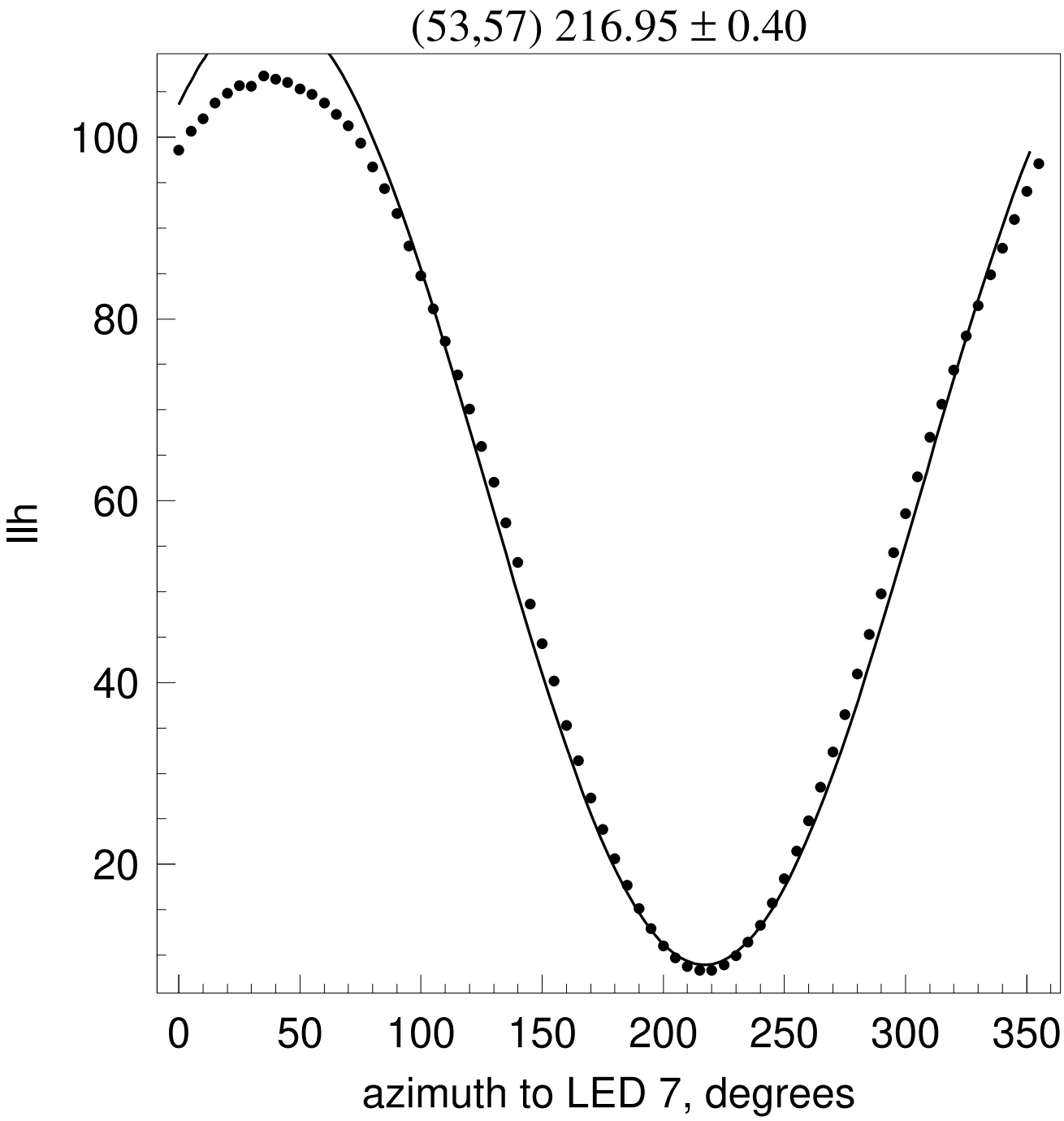

(53,52) 202.62 ± 0.77
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

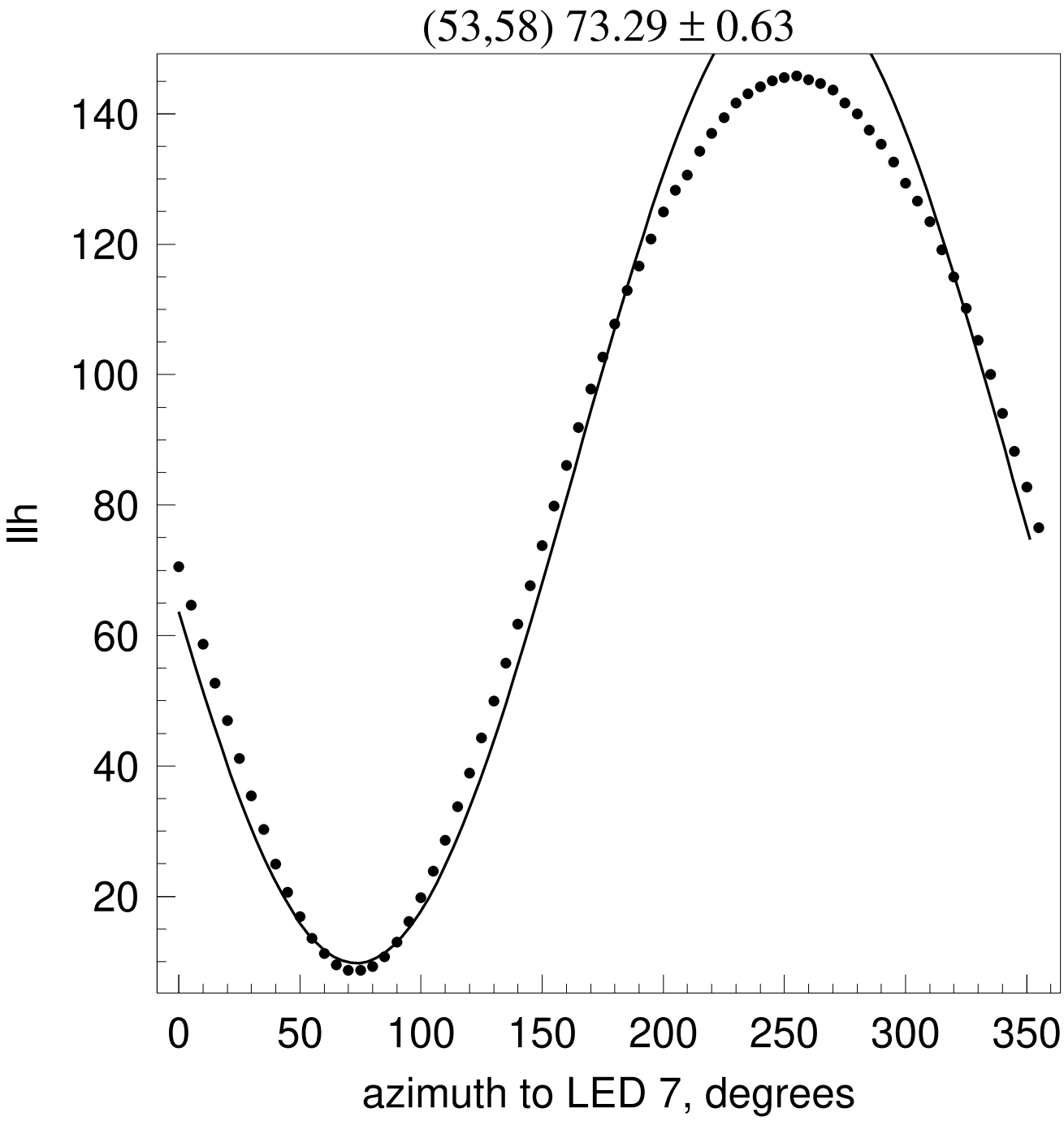

(53,53) 158.25 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

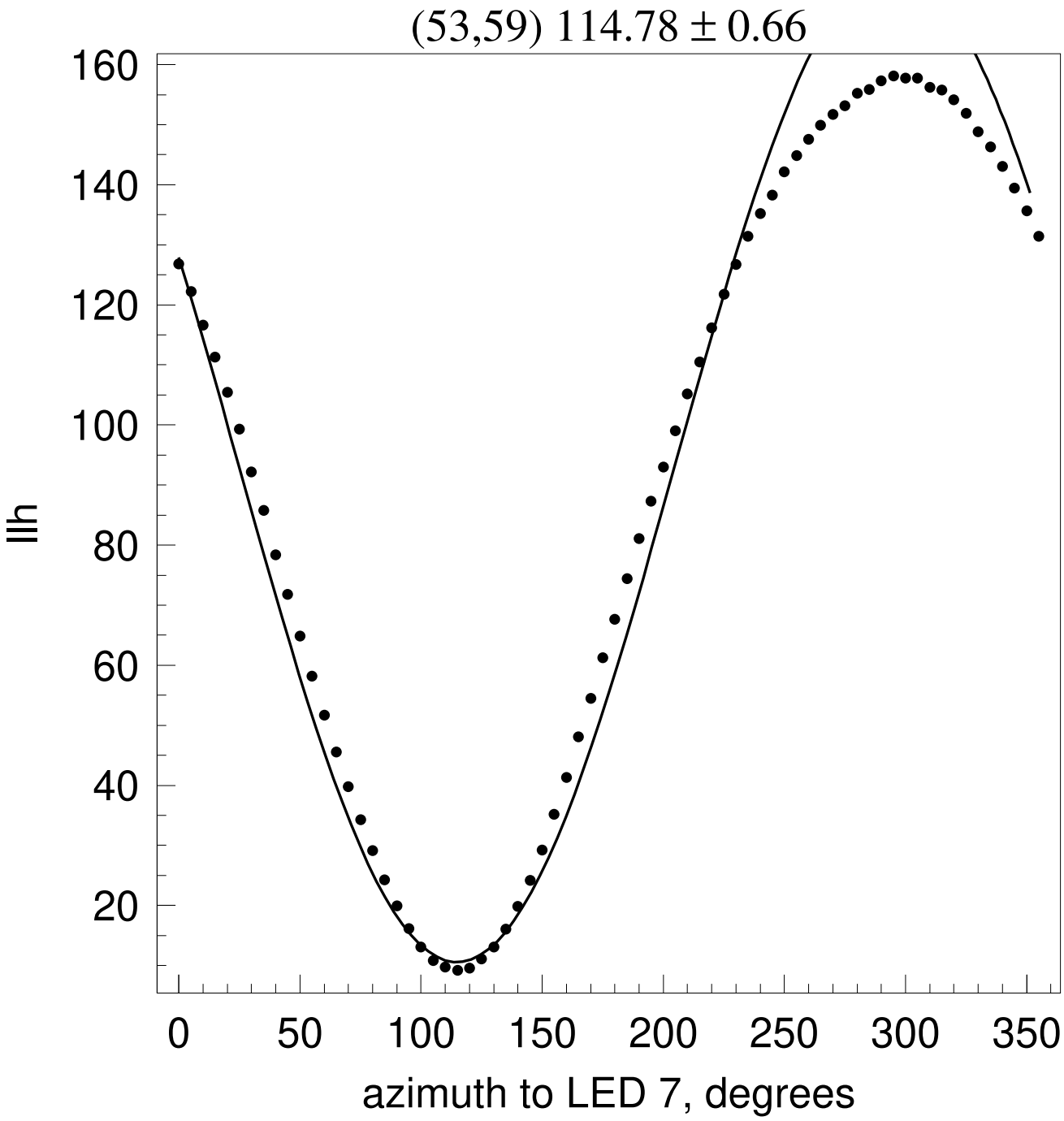

(53,54) 17.10 ± 0.42
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

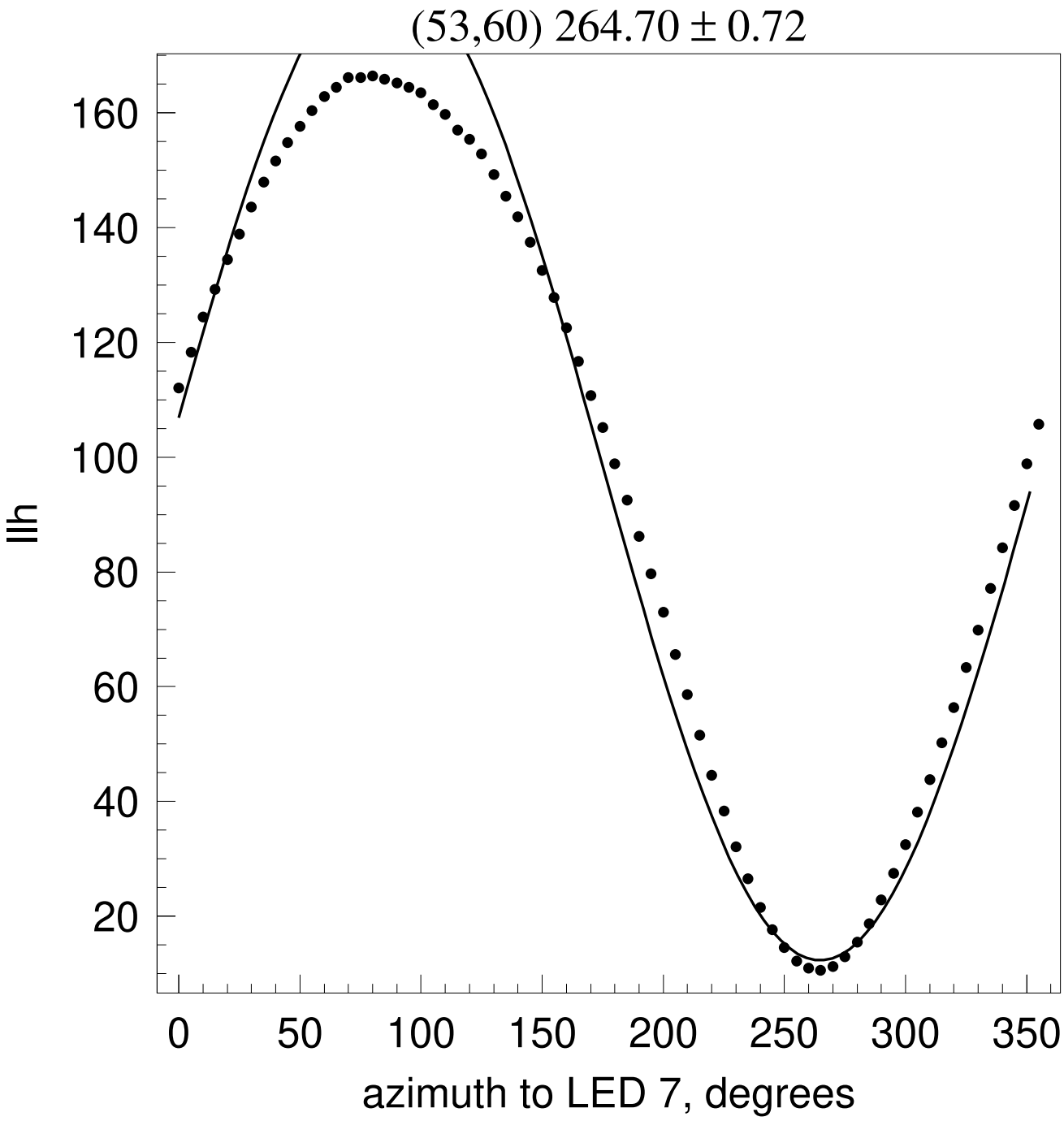

(53,55) 344.59 ± 0.17
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

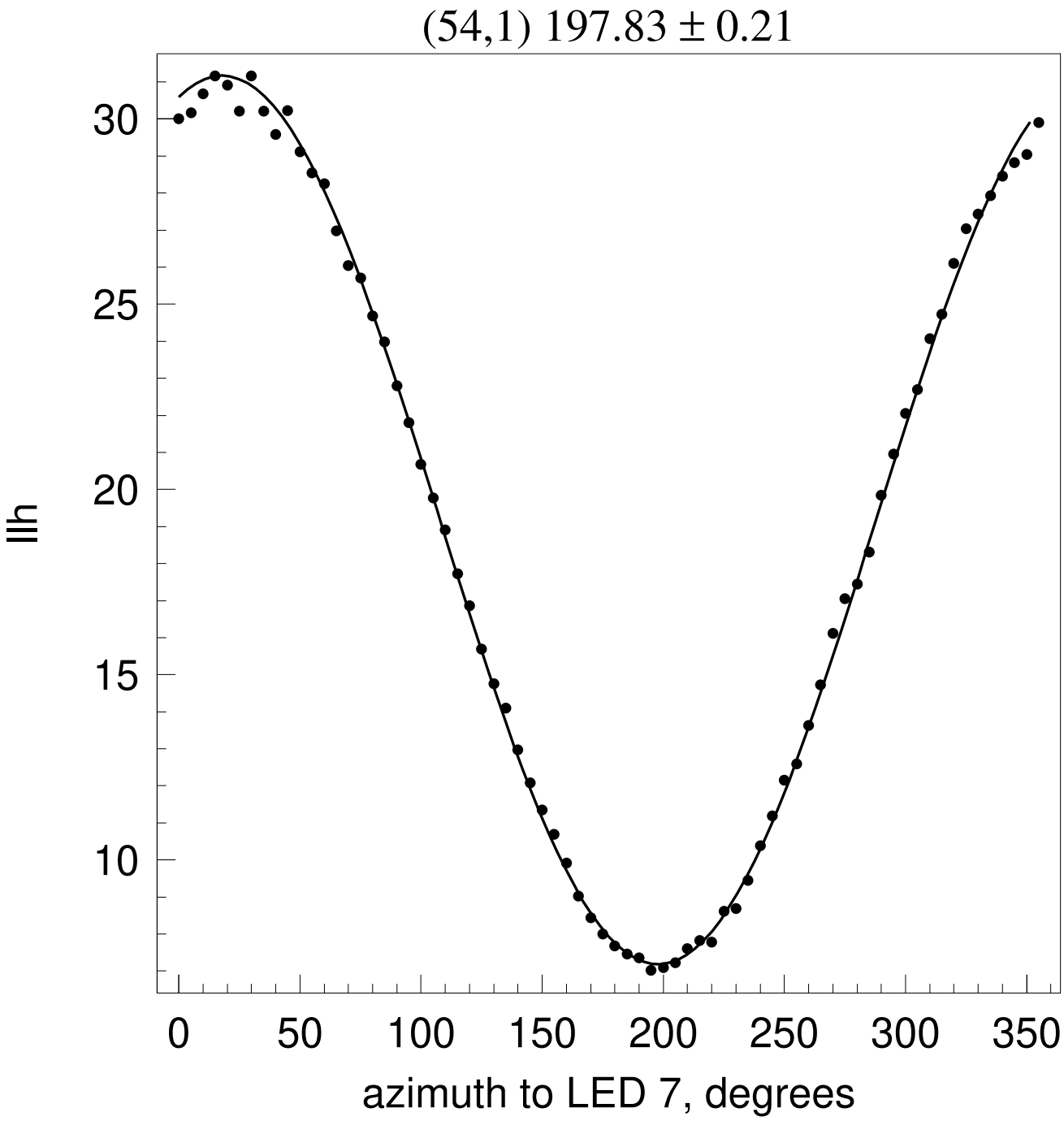

(53,56) 300.55 ± 0.35
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

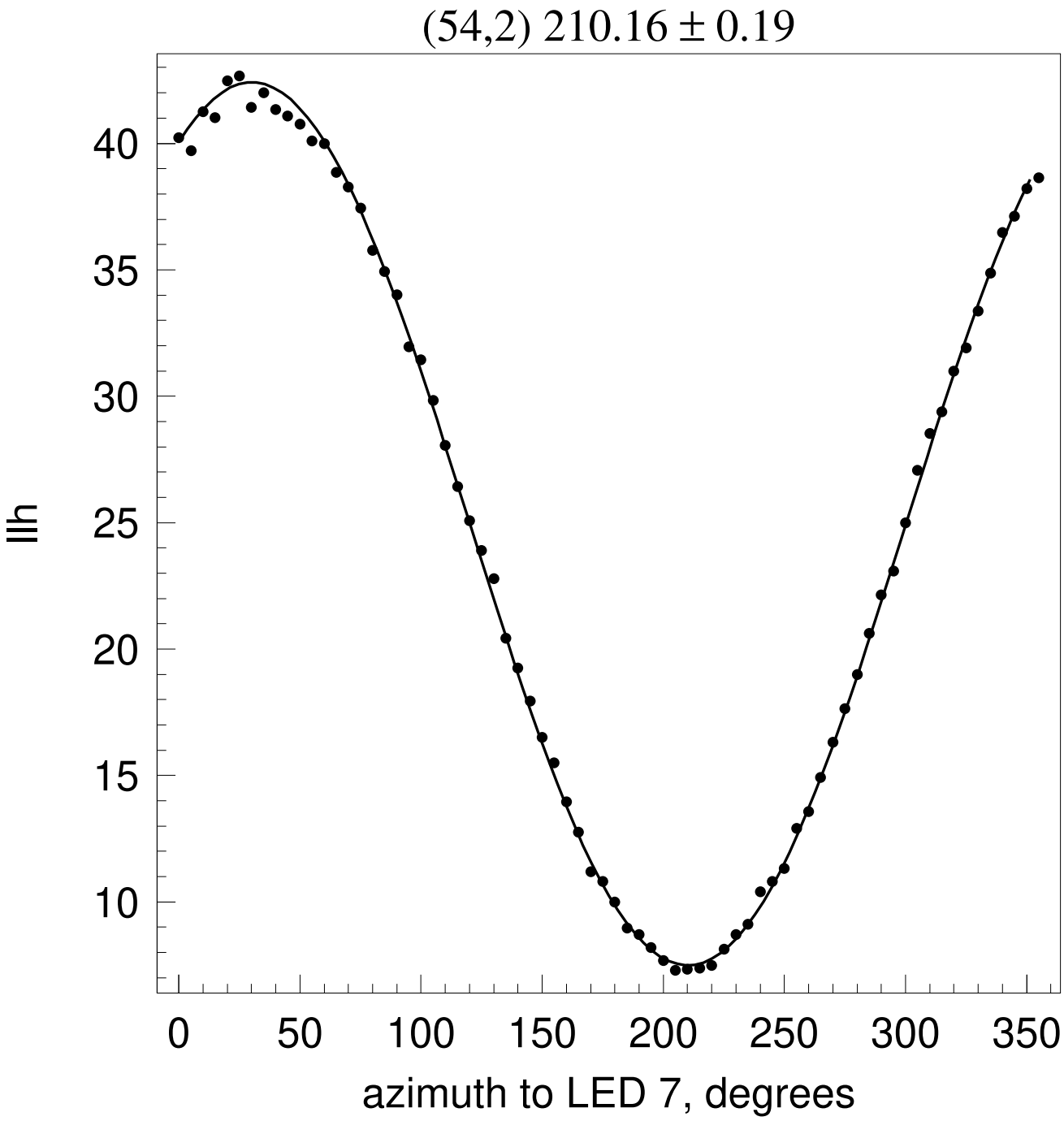

(53,57) 216.95 ± 0.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

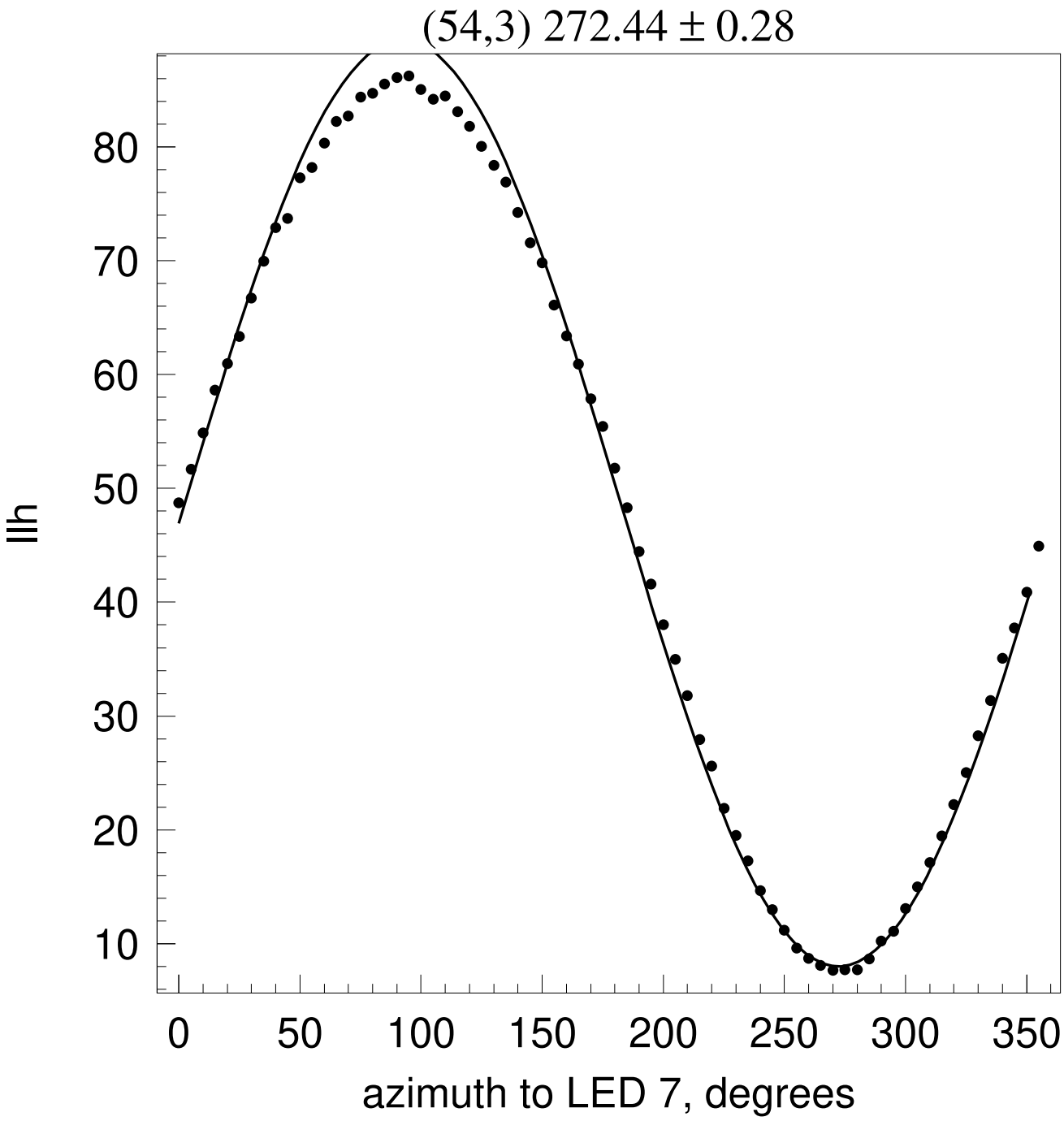

(53,58) 73.29 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

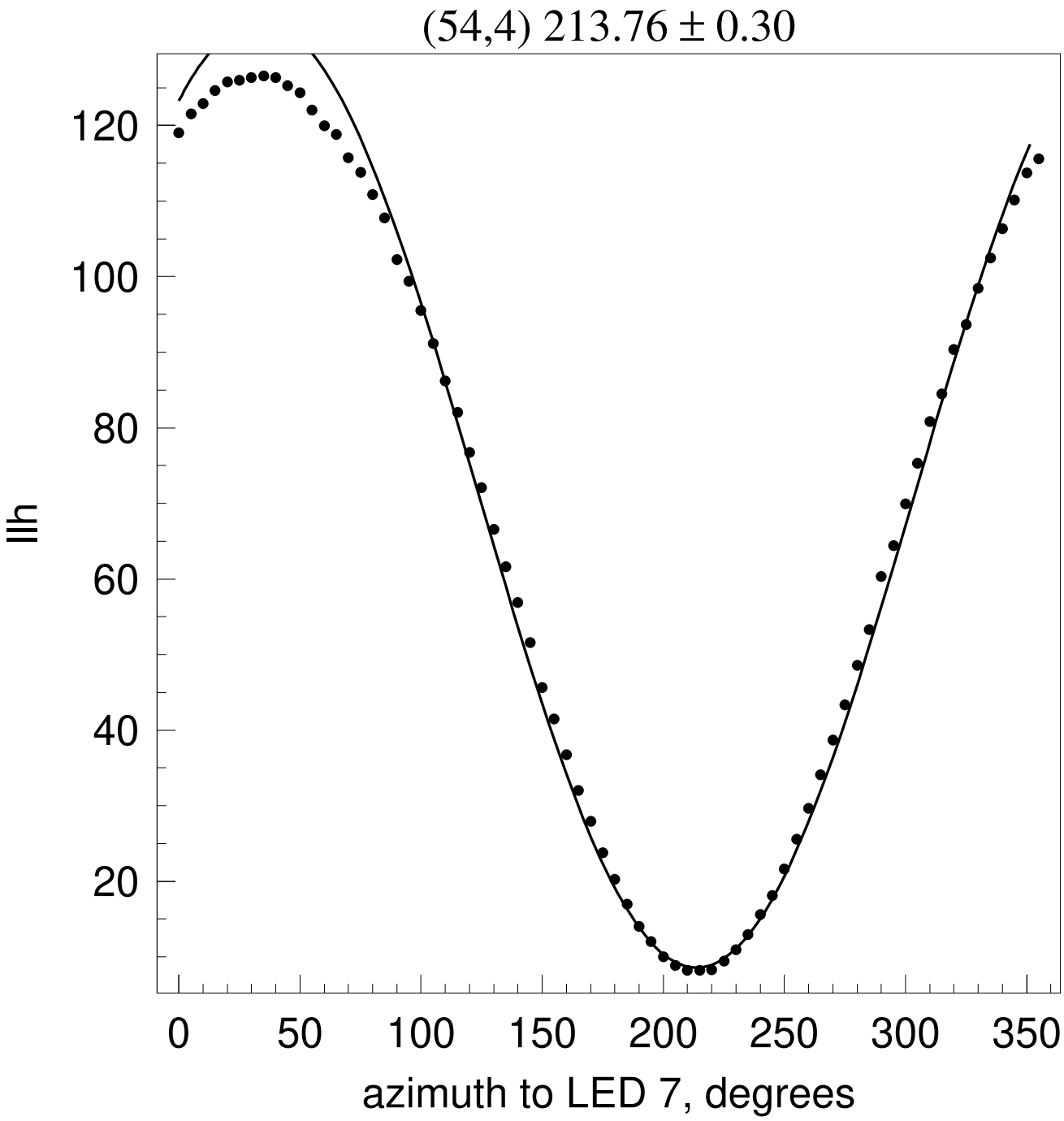

(53,59) 114.78 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

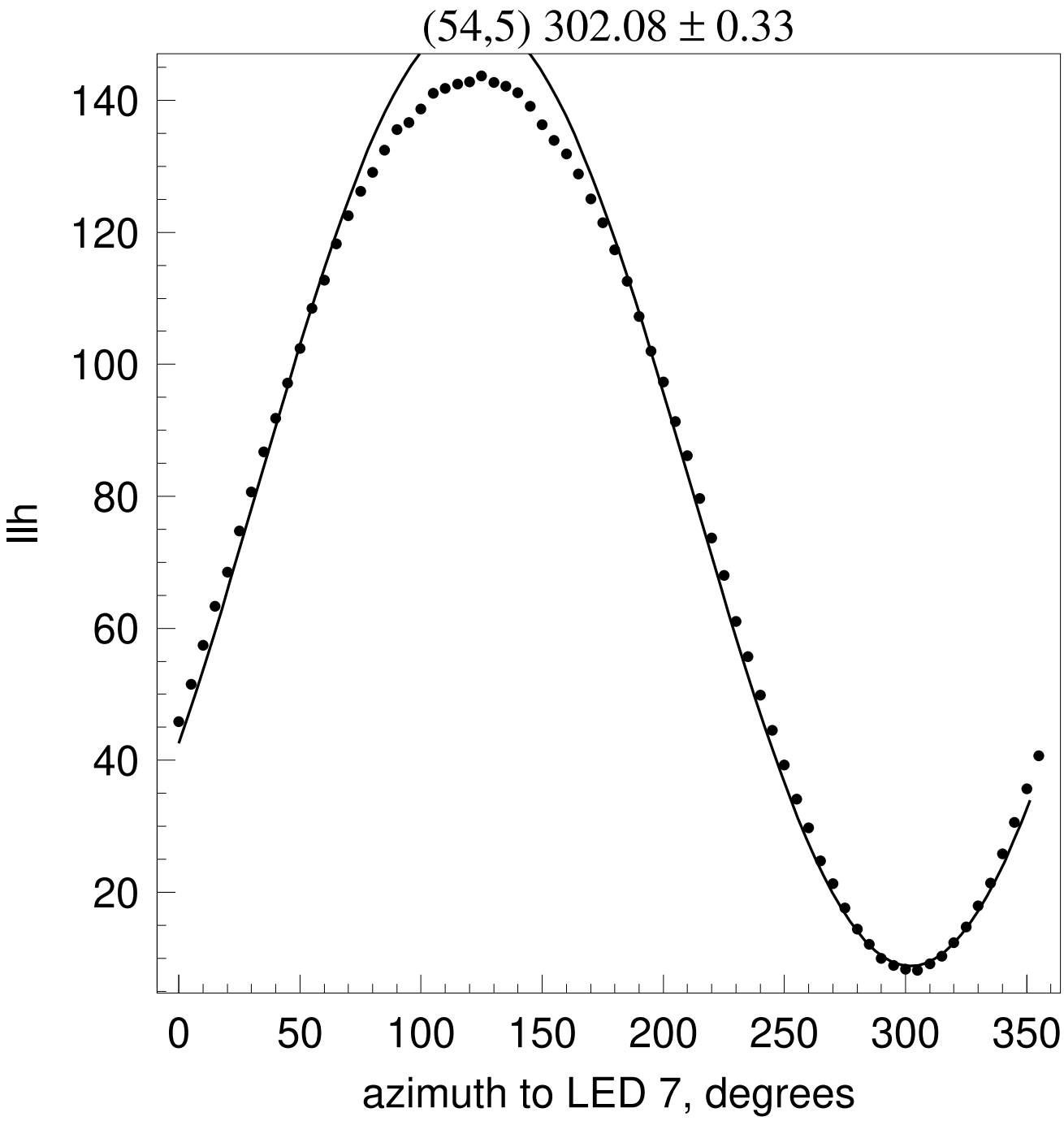

(53,60) 264.70 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

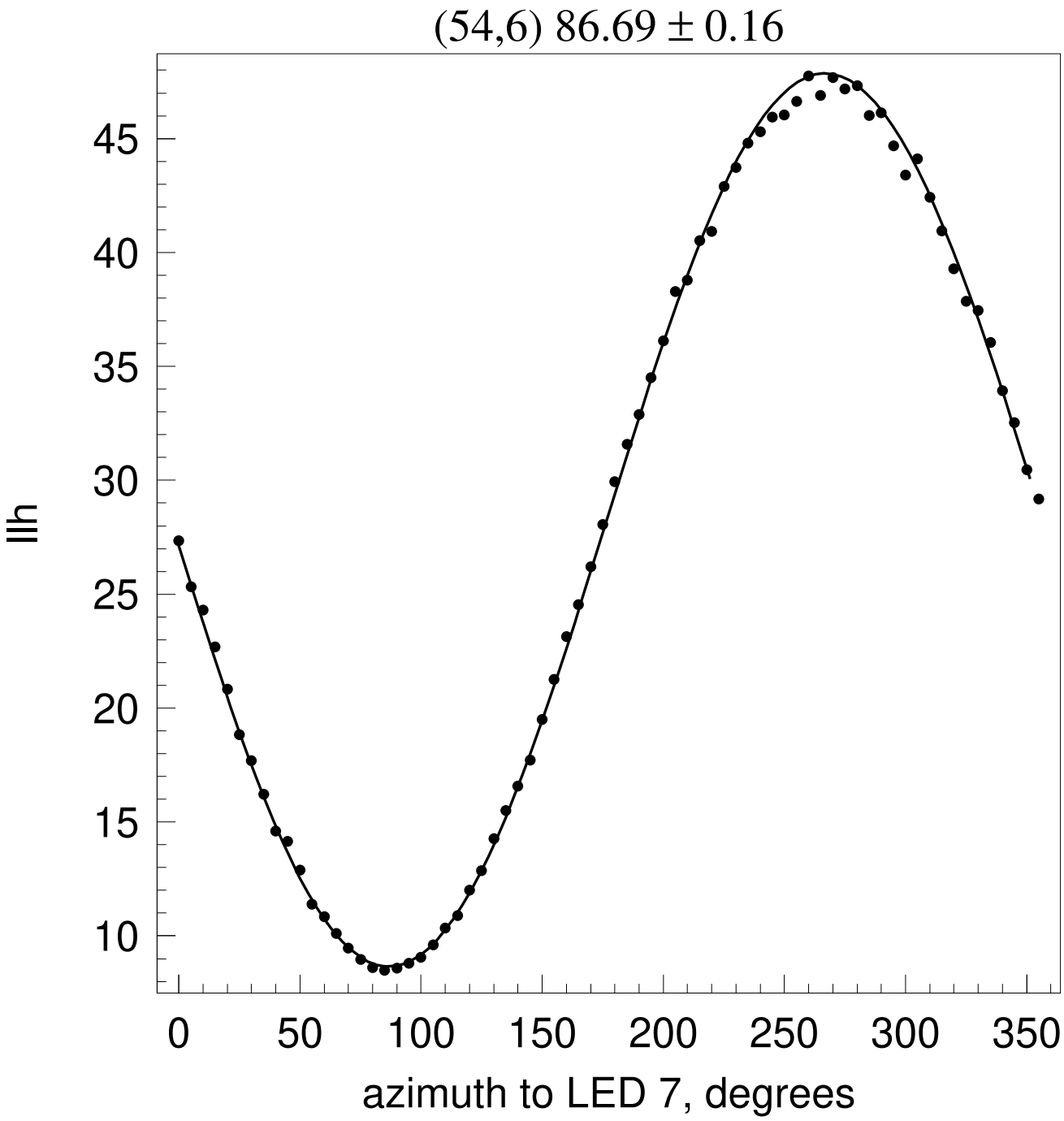

(54,1) 197.83 ± 0.21
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

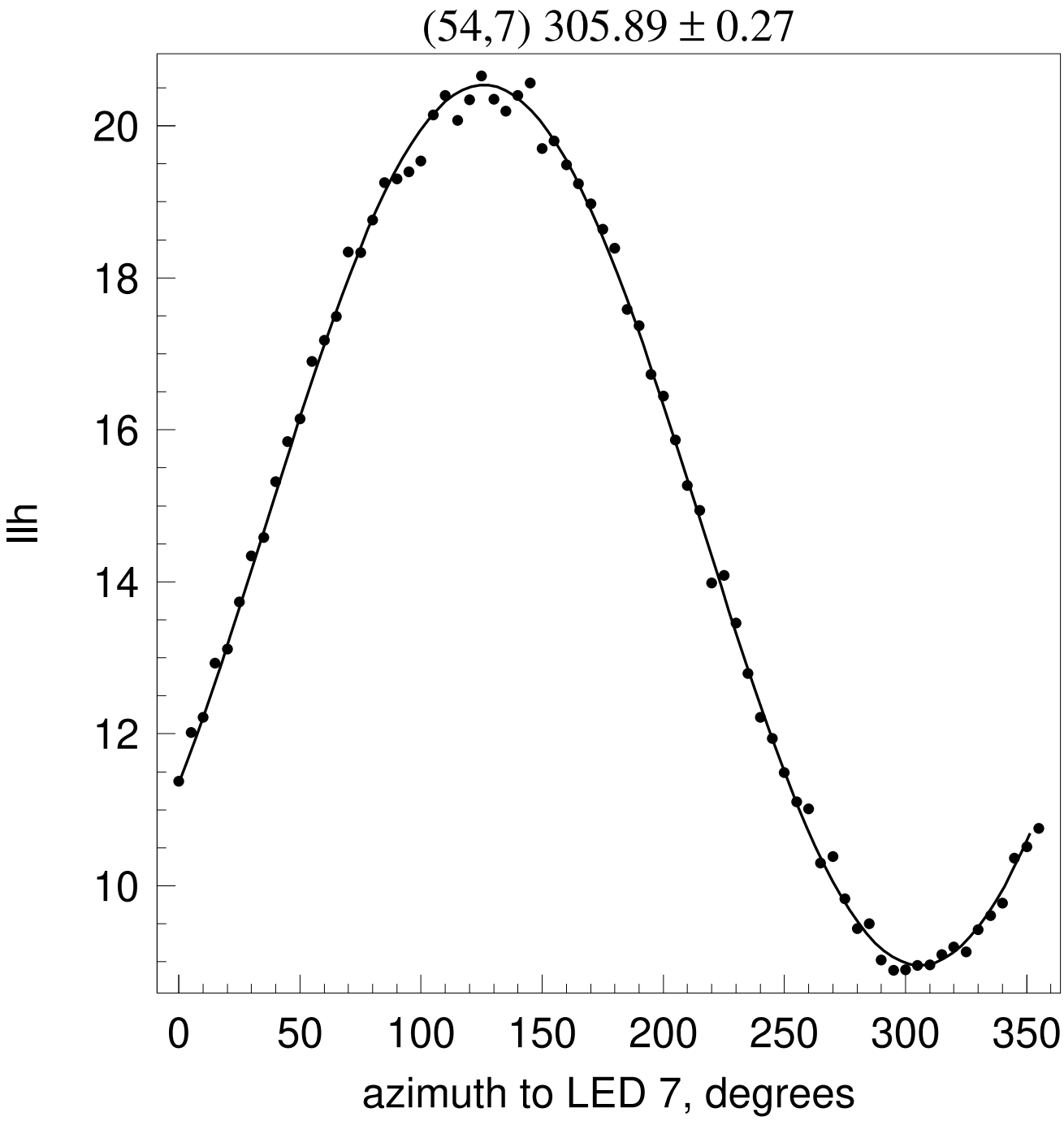

(54,2) 210.16 ± 0.19
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

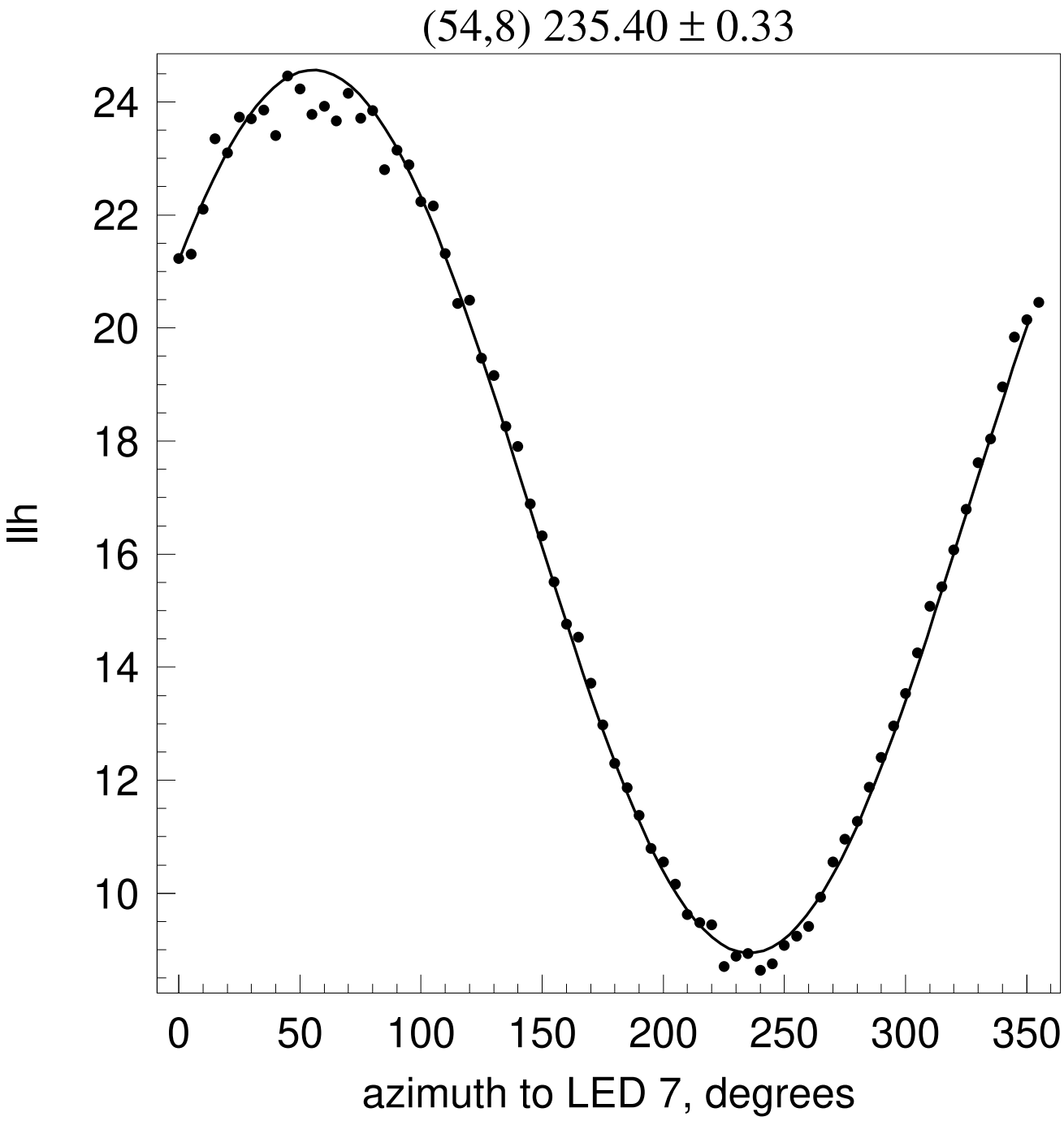

(54,3) 272.44 ± 0.28
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

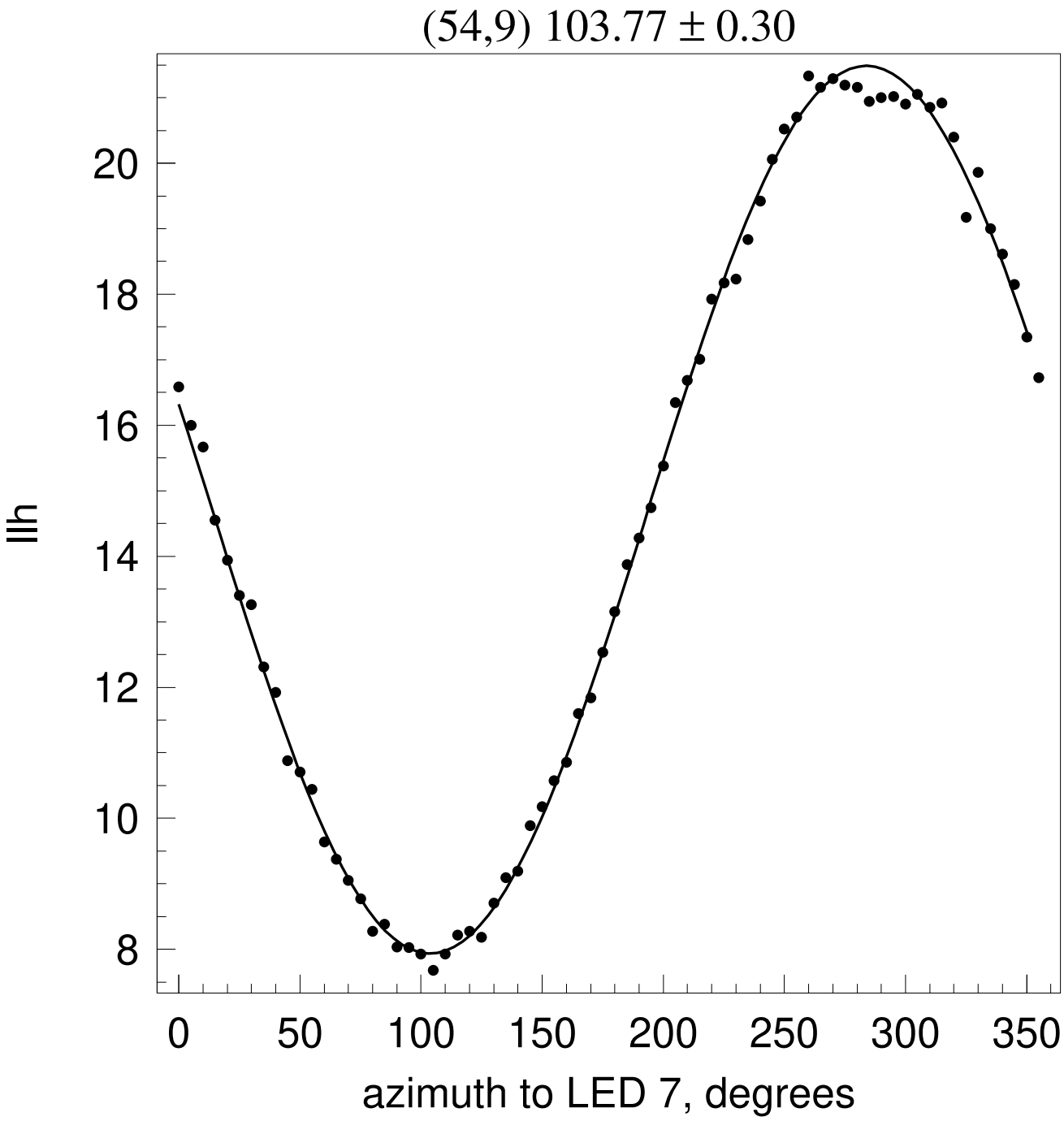

(54,4) 213.76 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

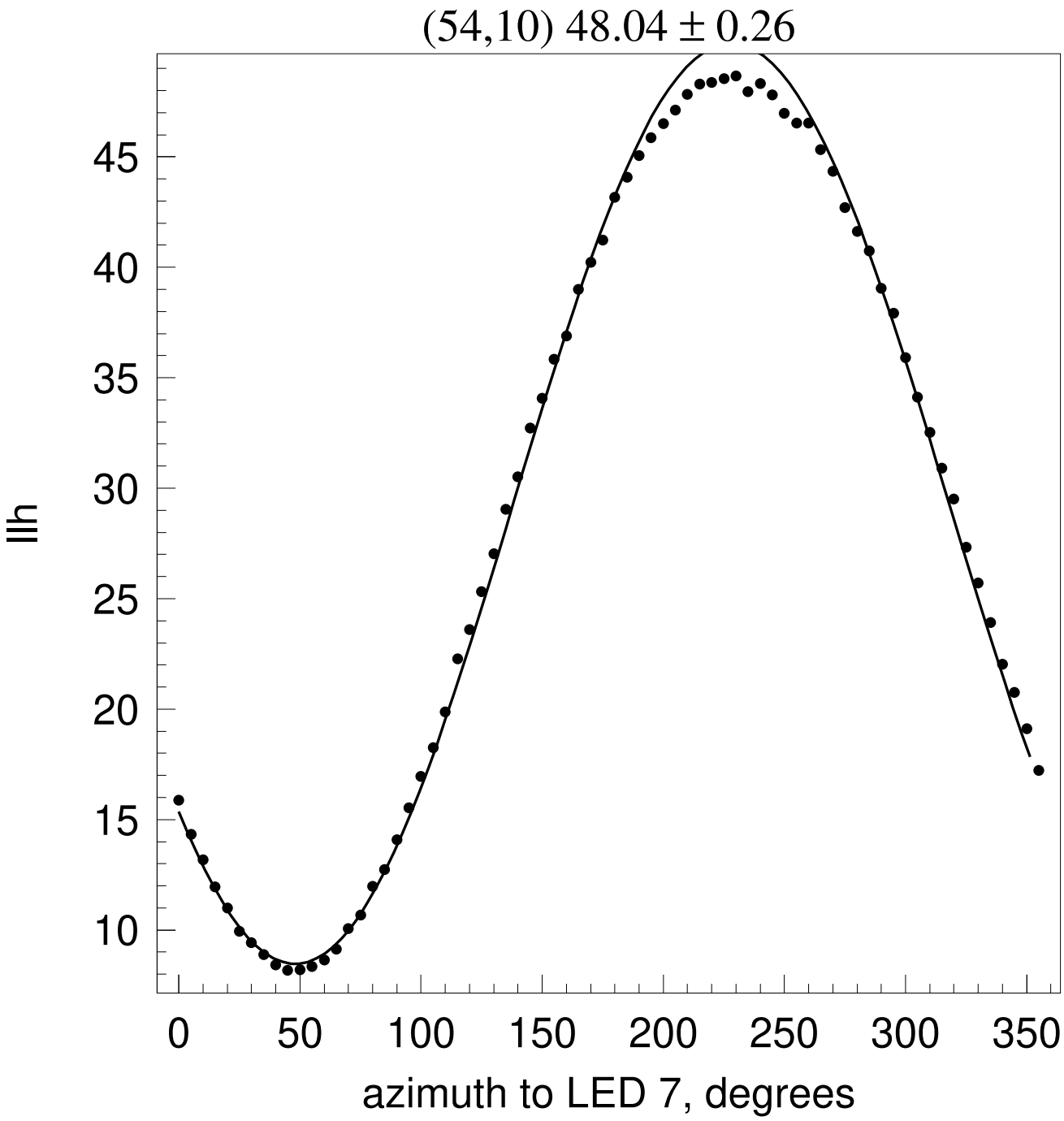

(54,5) 302.08 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

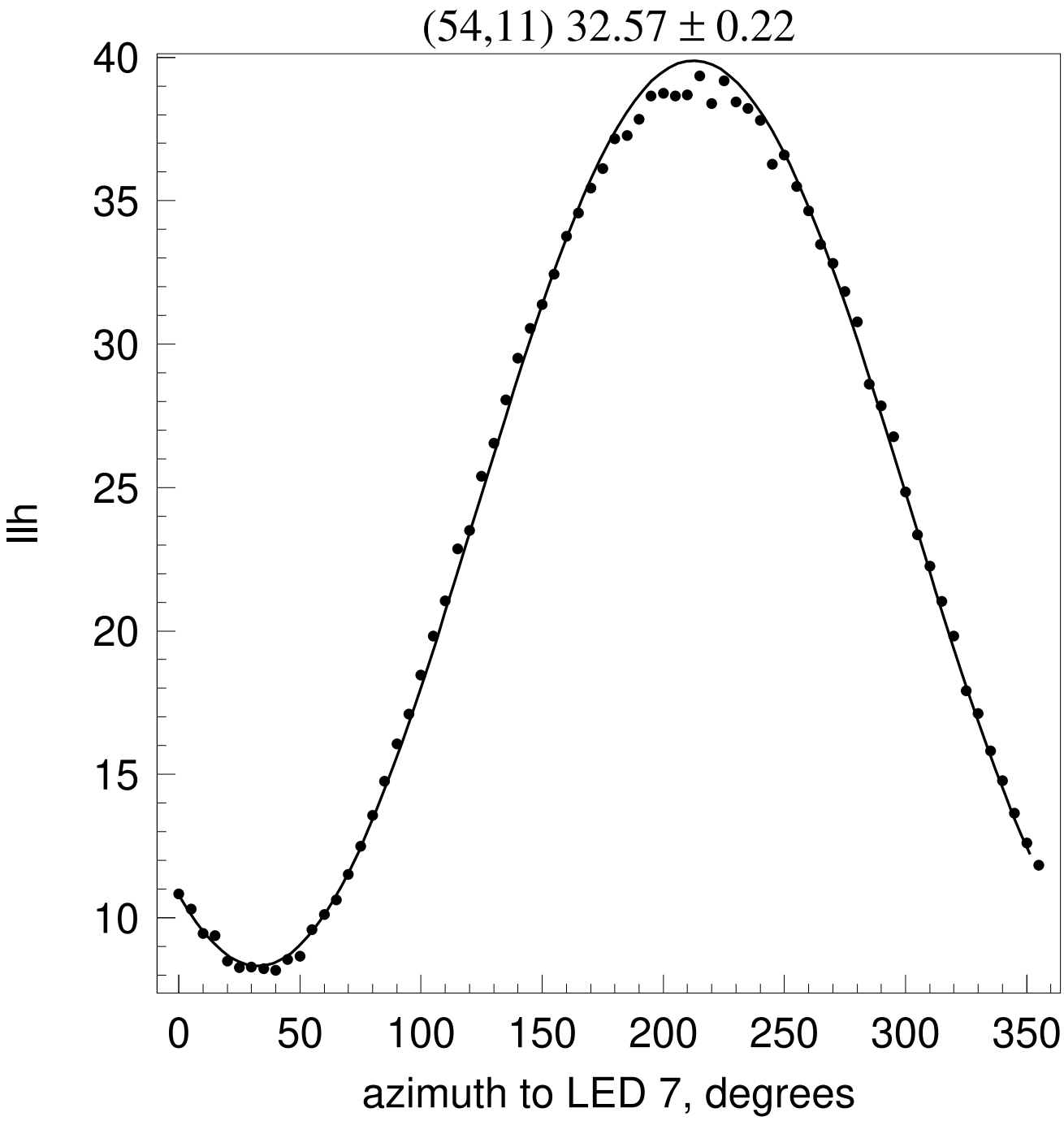

(54,6) 86.69 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

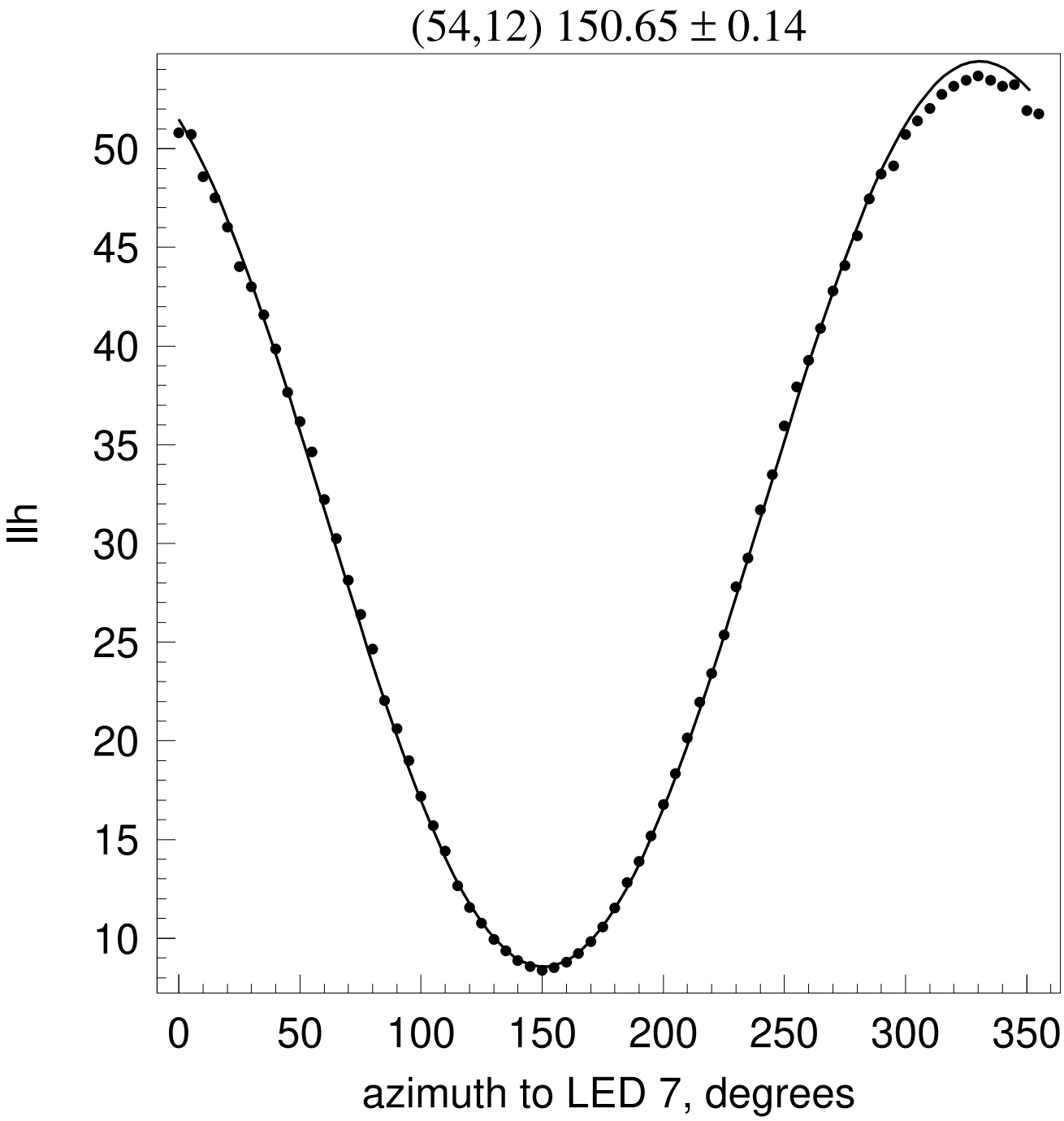

(54,7) 305.89 ± 0.27
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

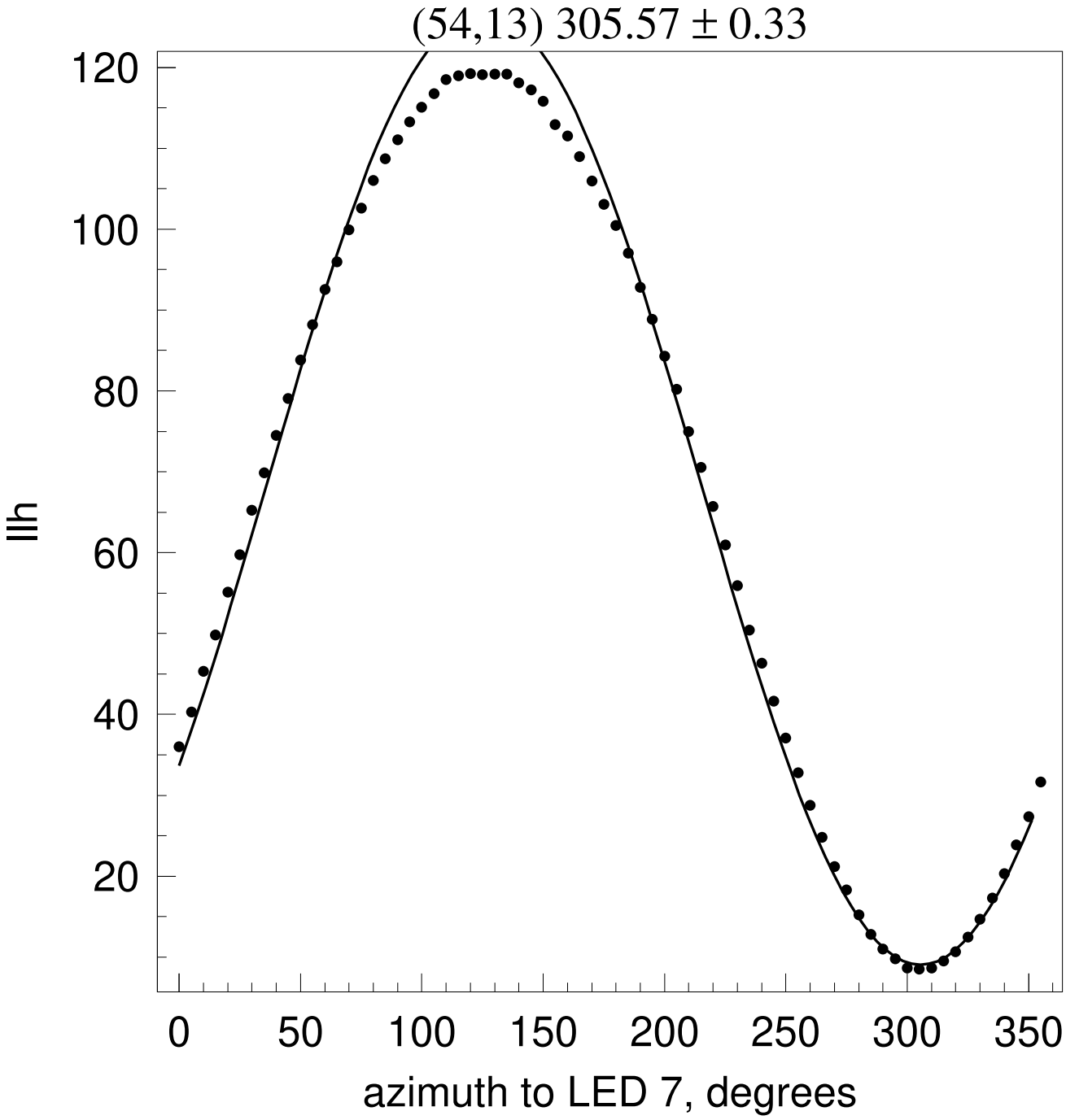

(54,8) 235.40 ± 0.33
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

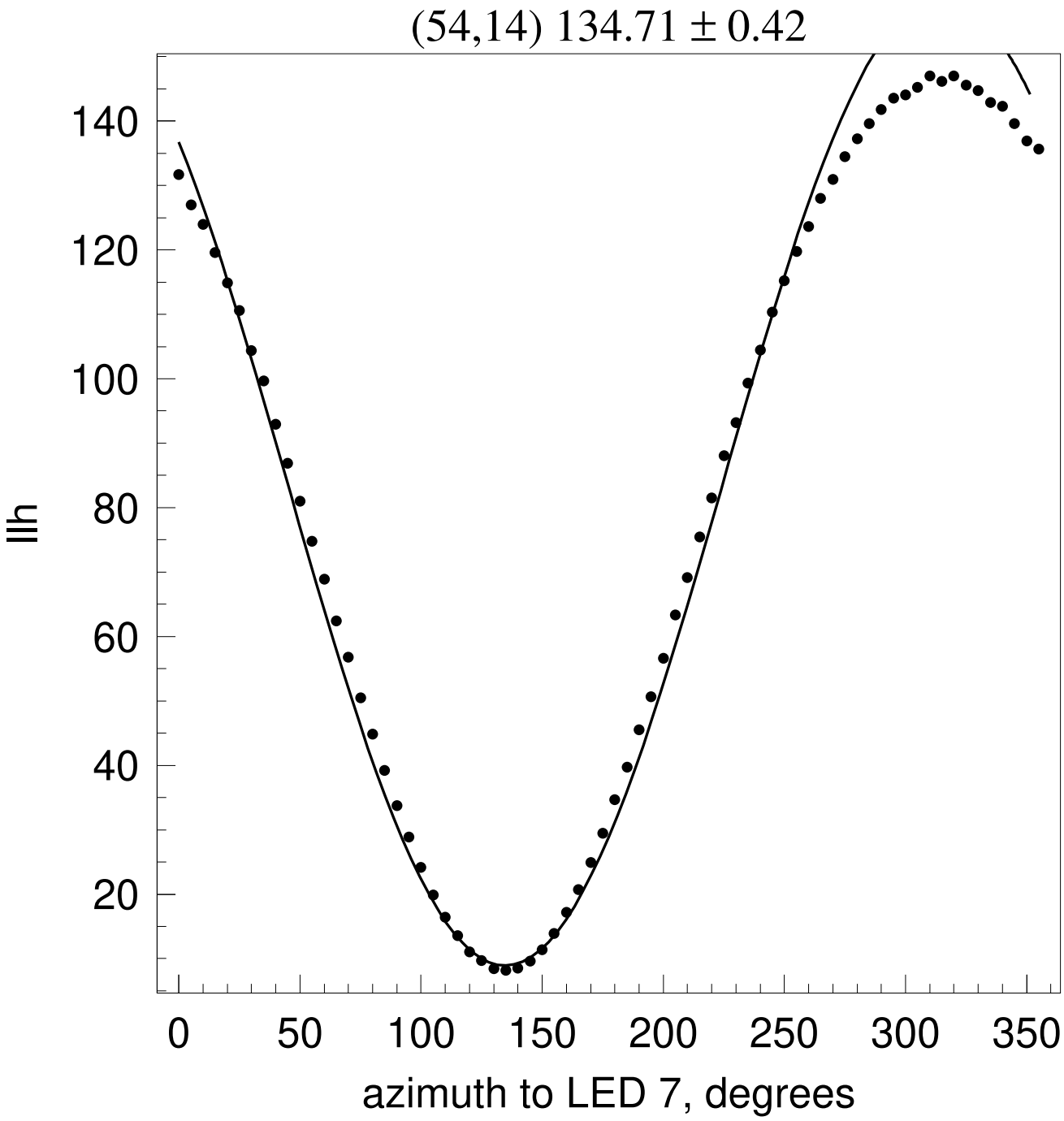

(54,9) 103.77 ± 0.30
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

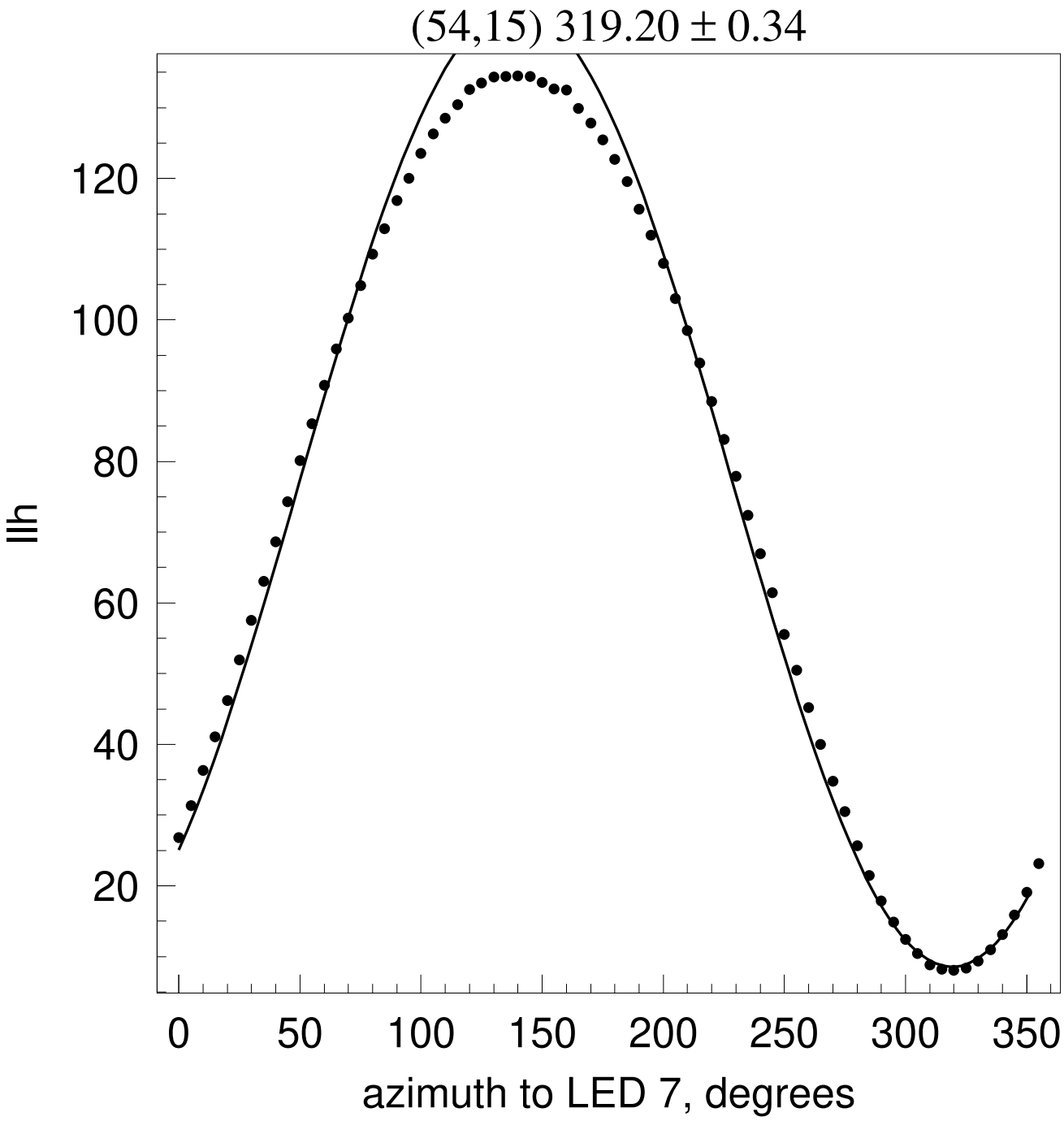

(54,10) 48.04 ± 0.26
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

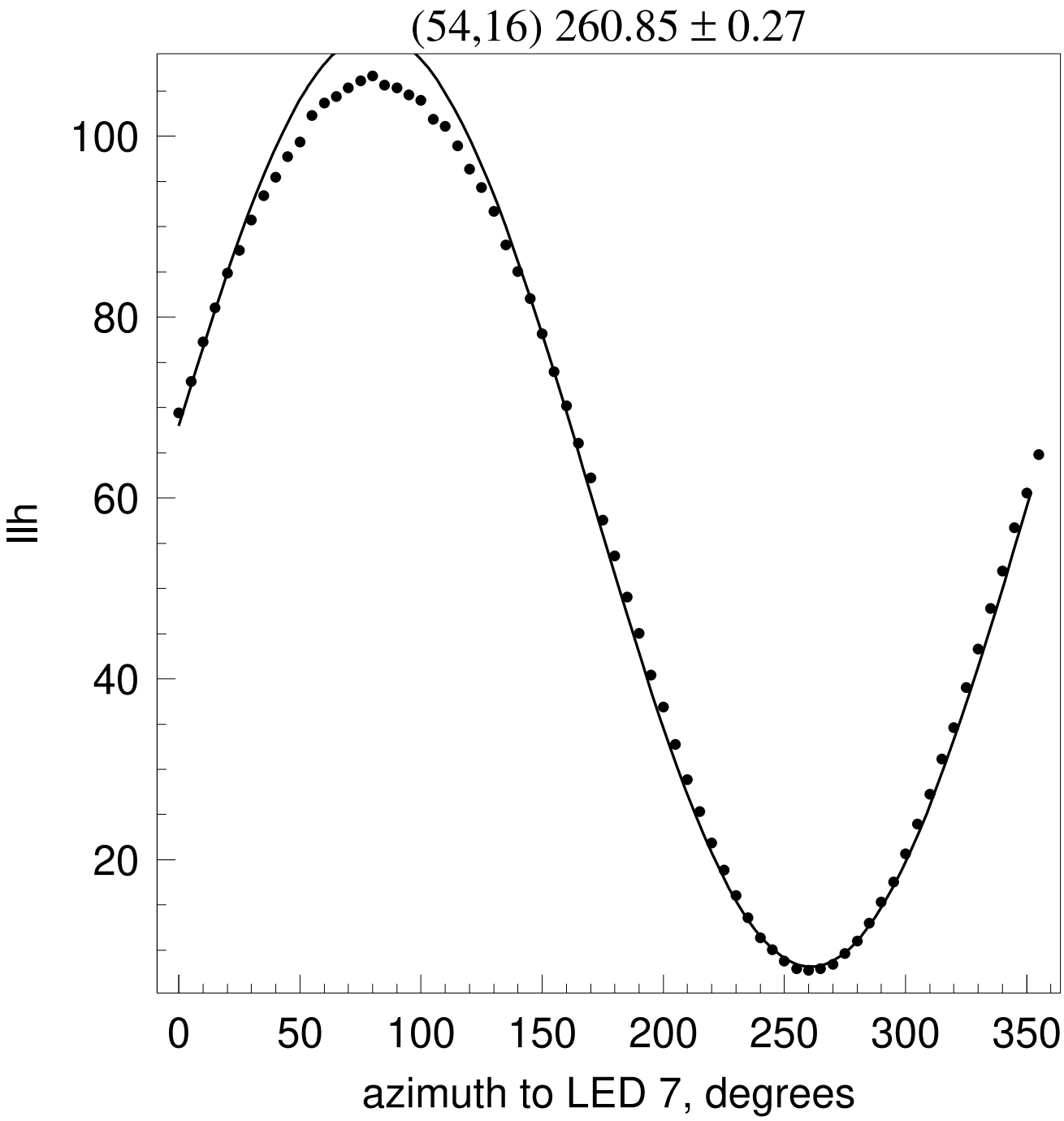

(54,11) 32.57 ± 0.22
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

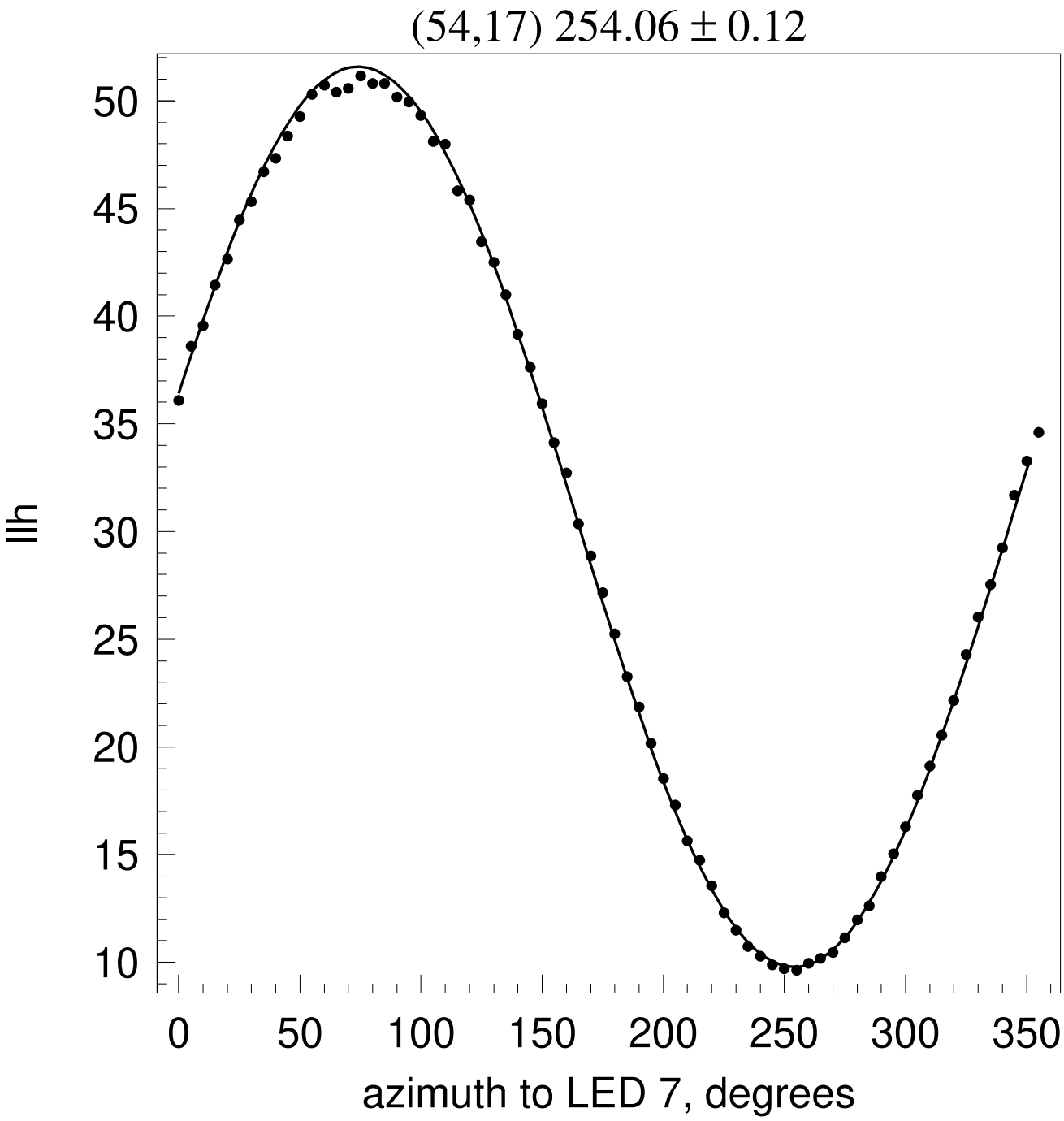

(54,12) 150.65 ± 0.14
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

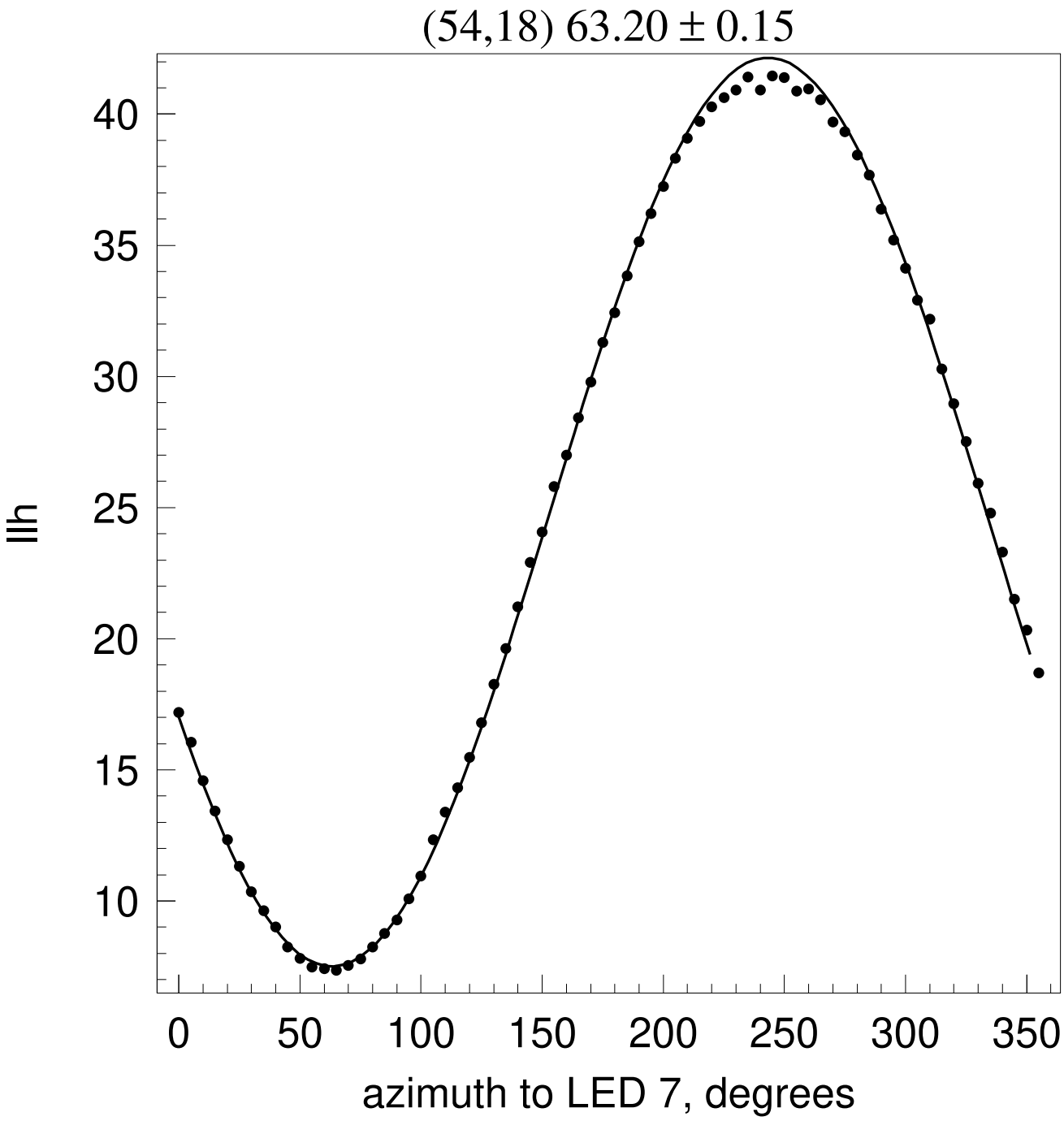

(54,13) 305.57 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

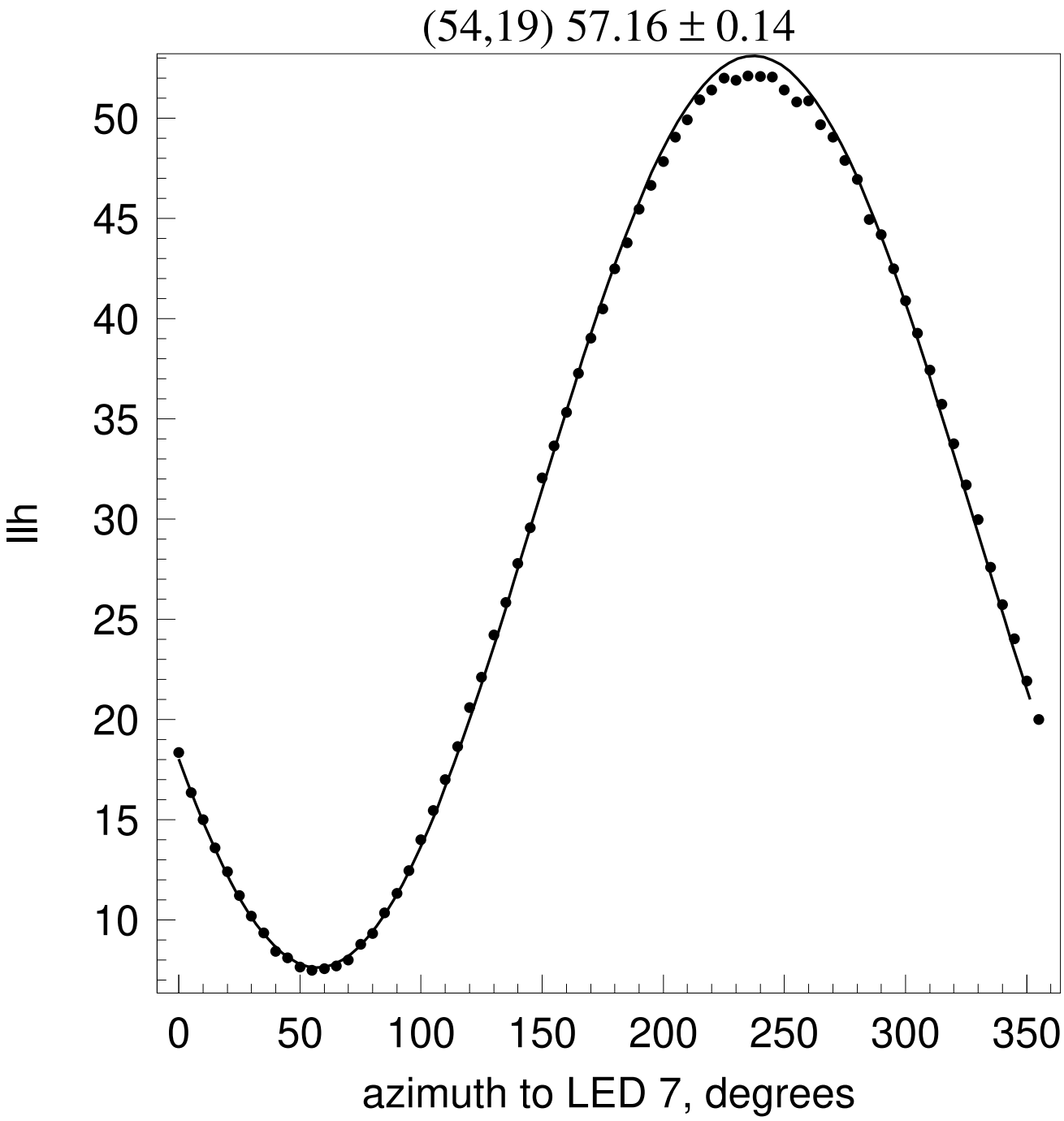

(54,14) 134.71 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

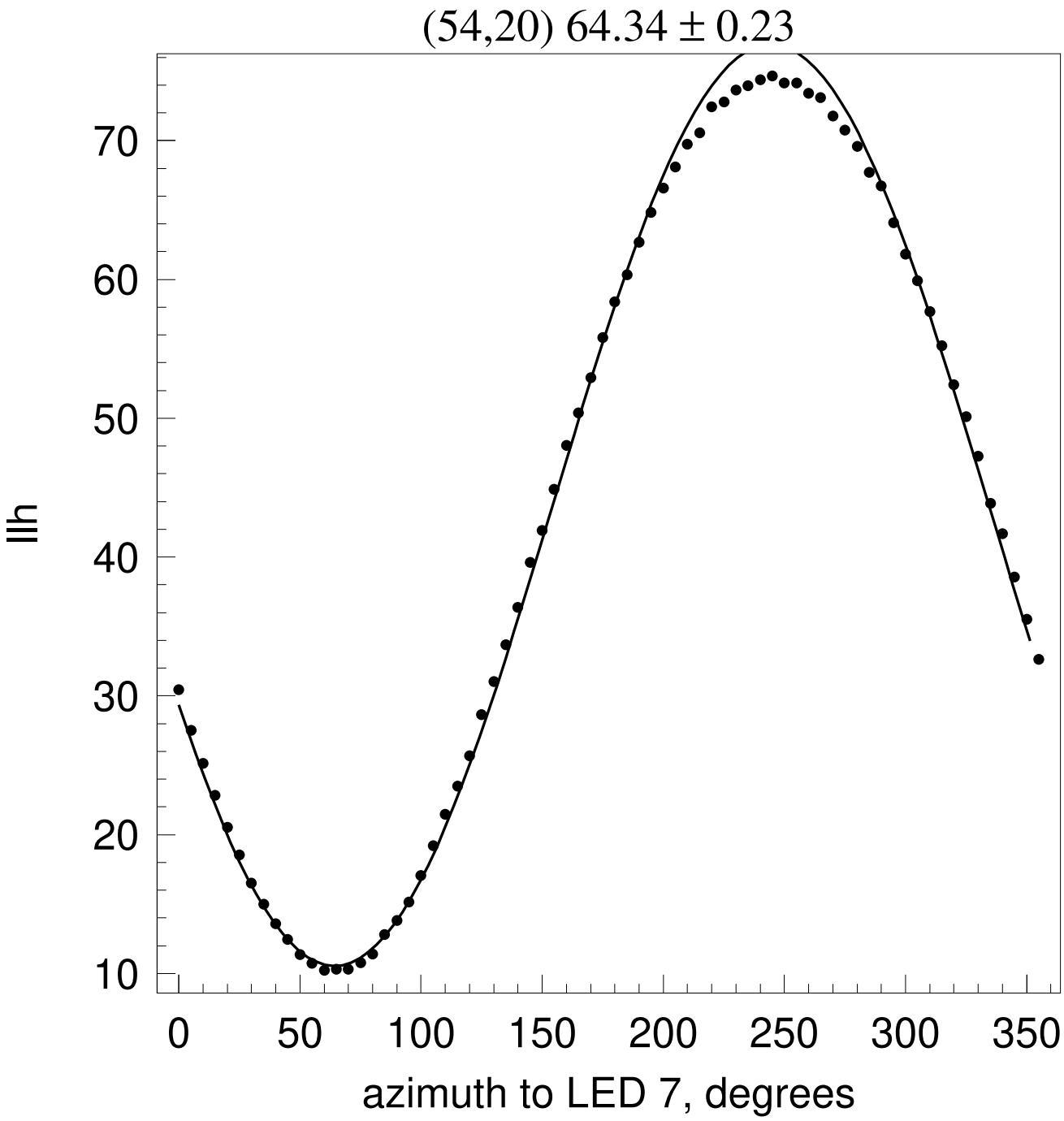

(54,15) 319.20 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

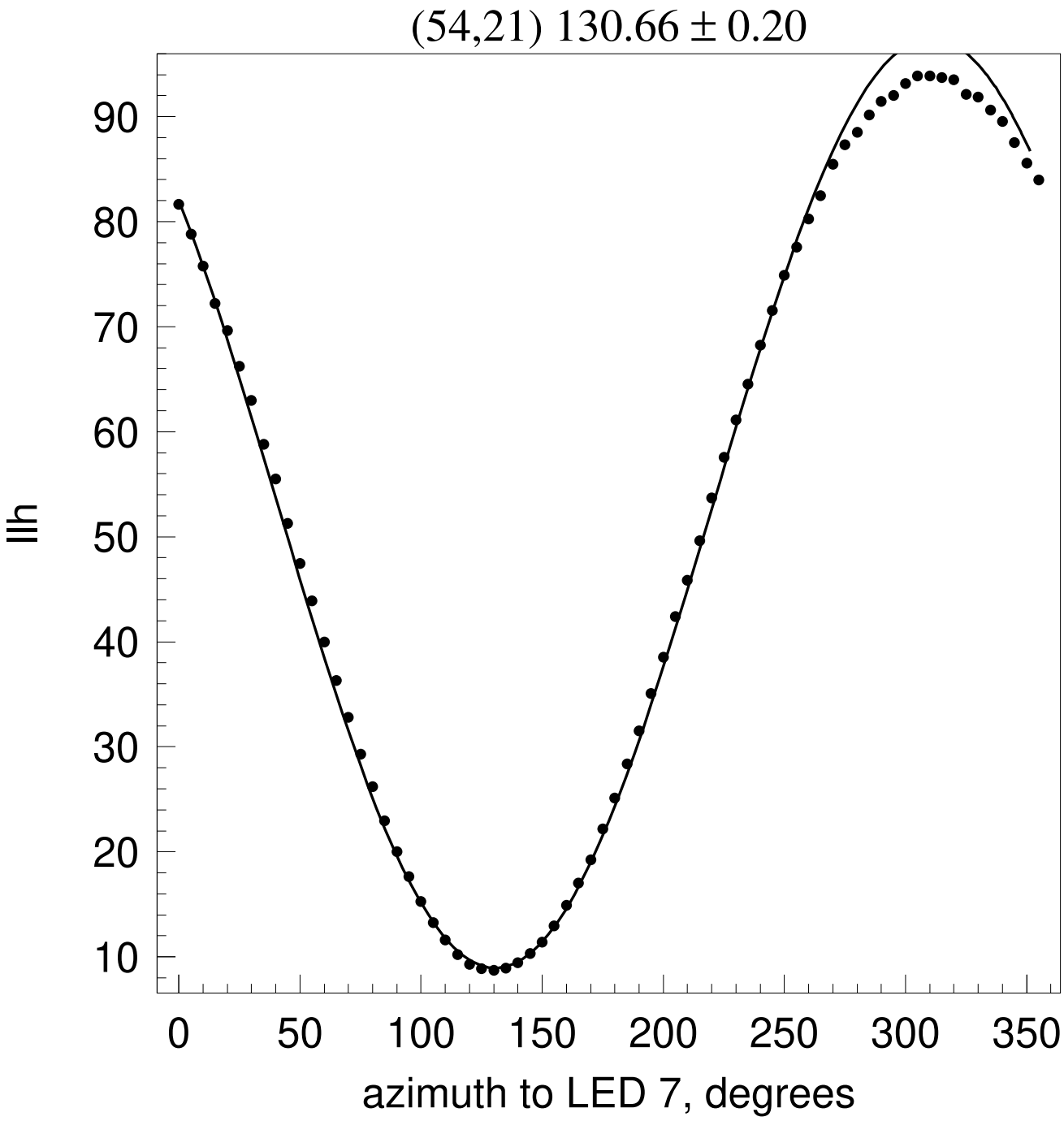

(54,16) 260.85 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

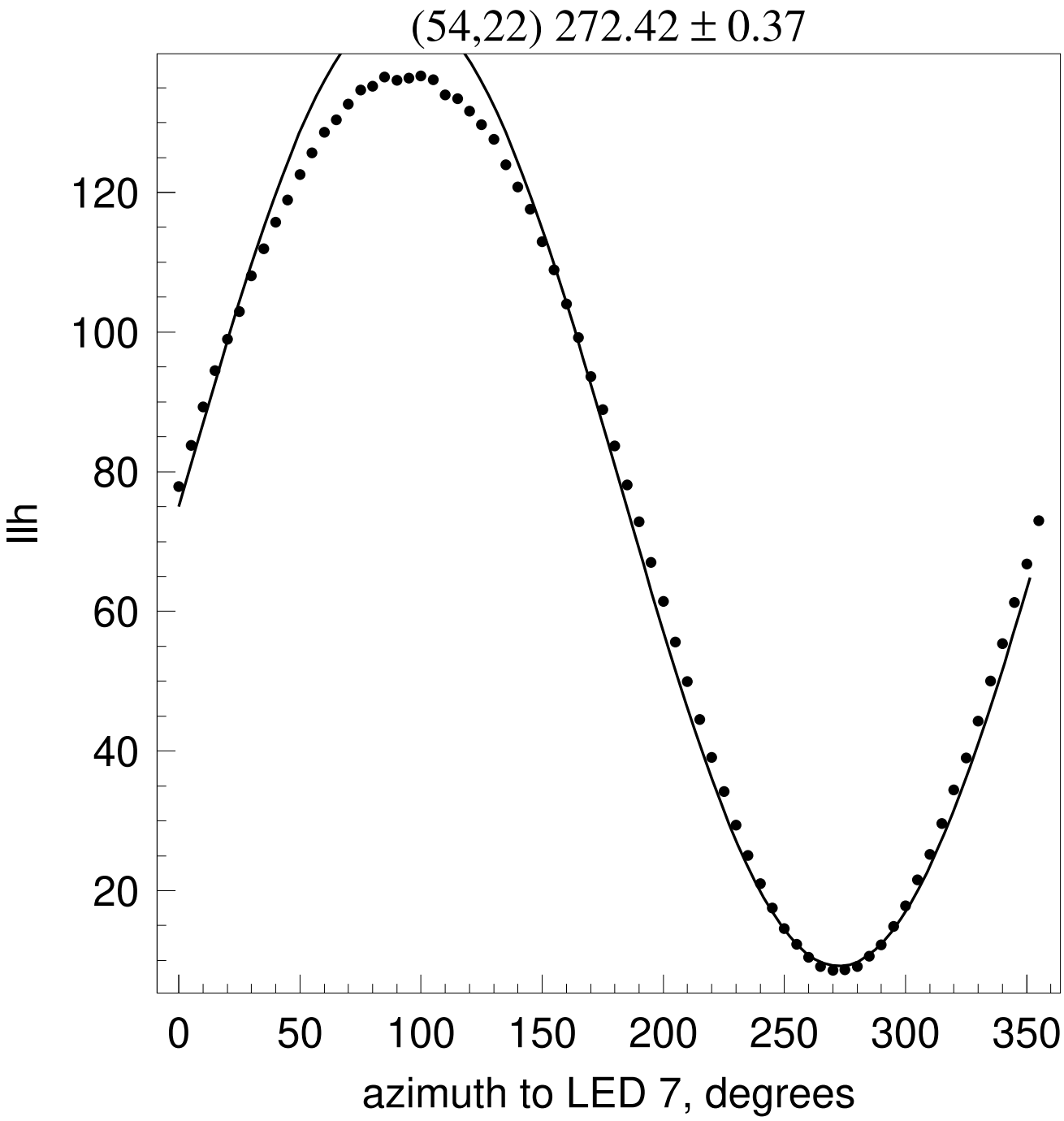

(54,17) 254.06 ± 0.12
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

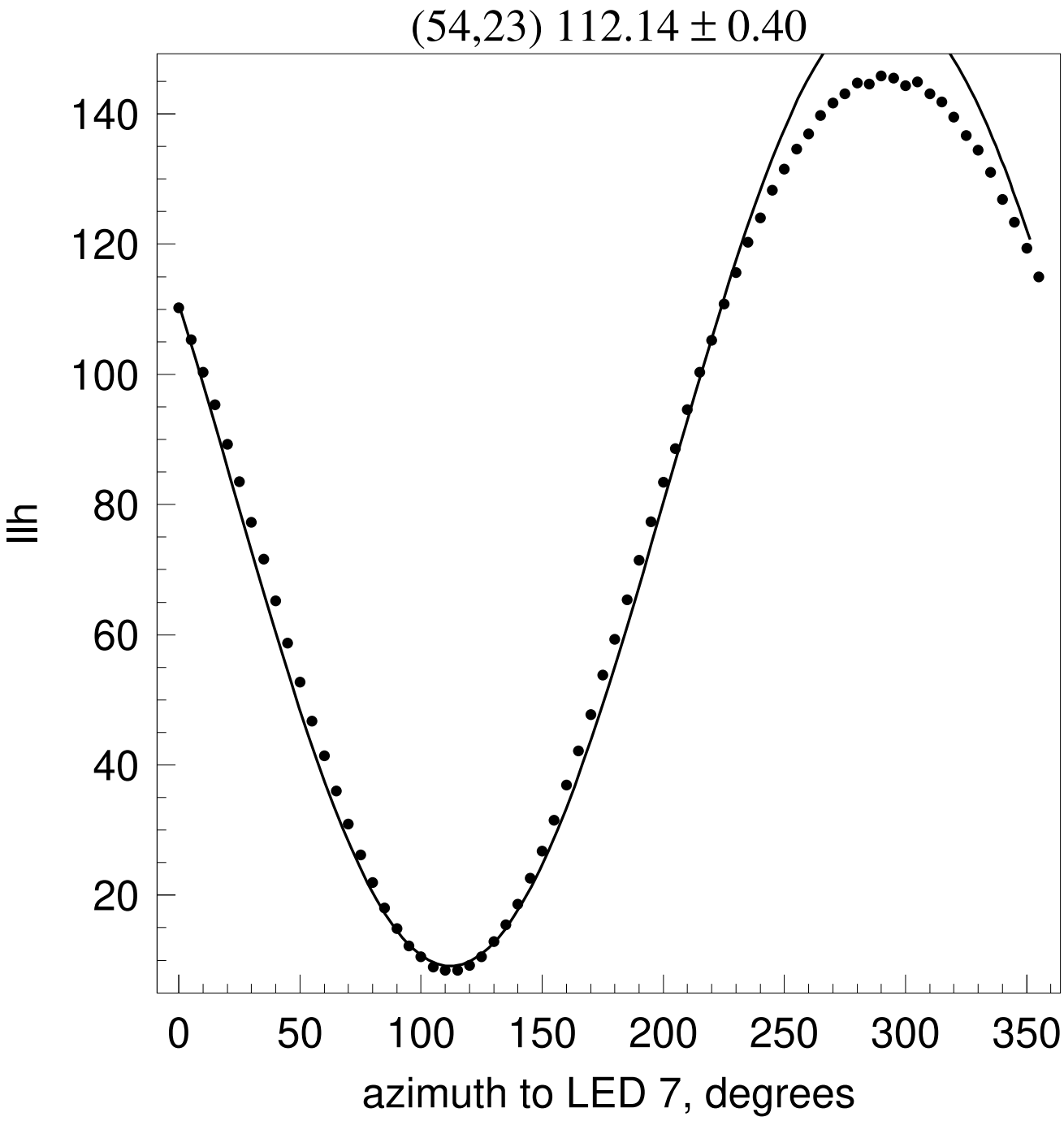

(54,18) 63.20 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

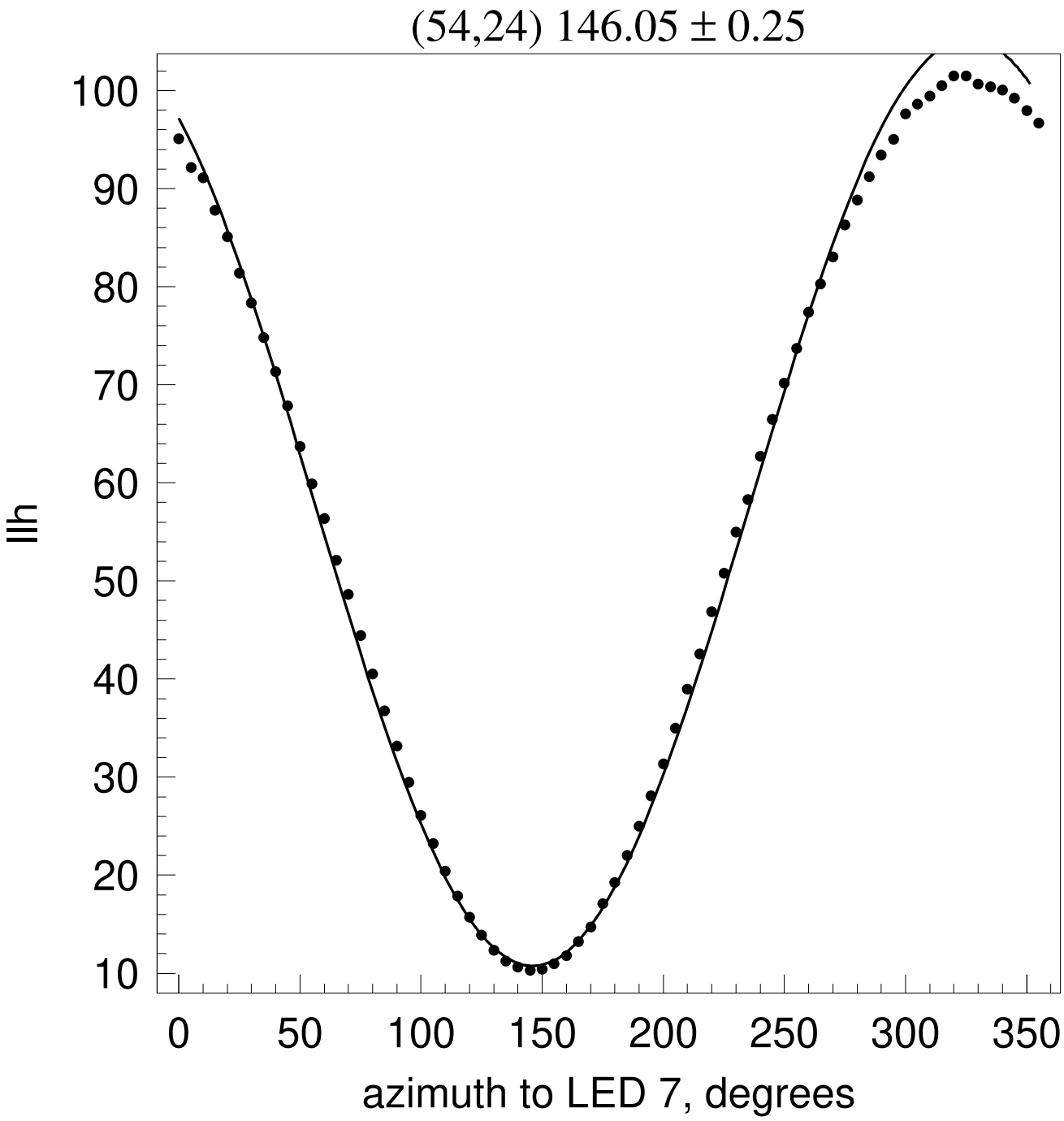

(54,19) 57.16 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

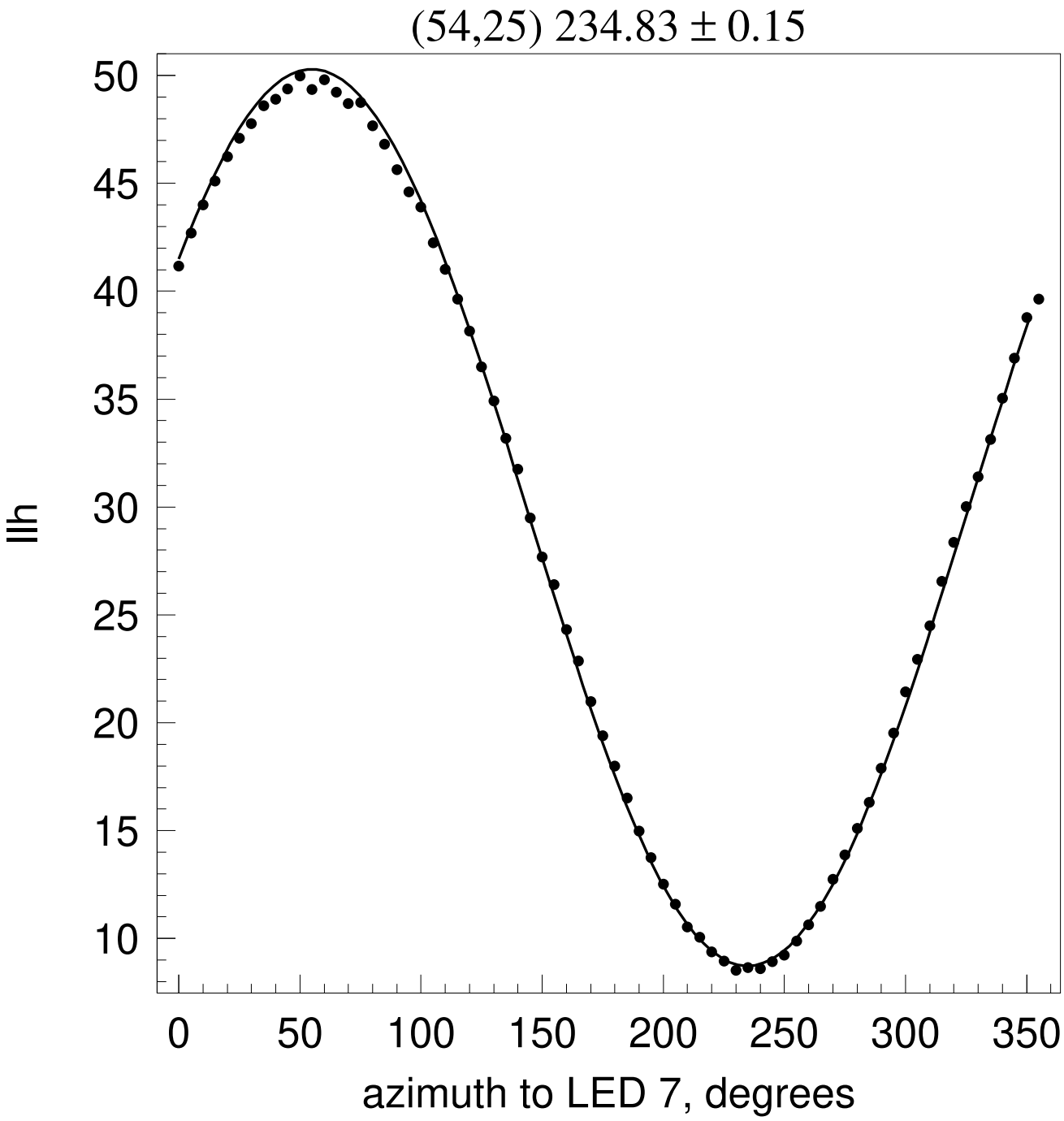

(54,20) 64.34 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

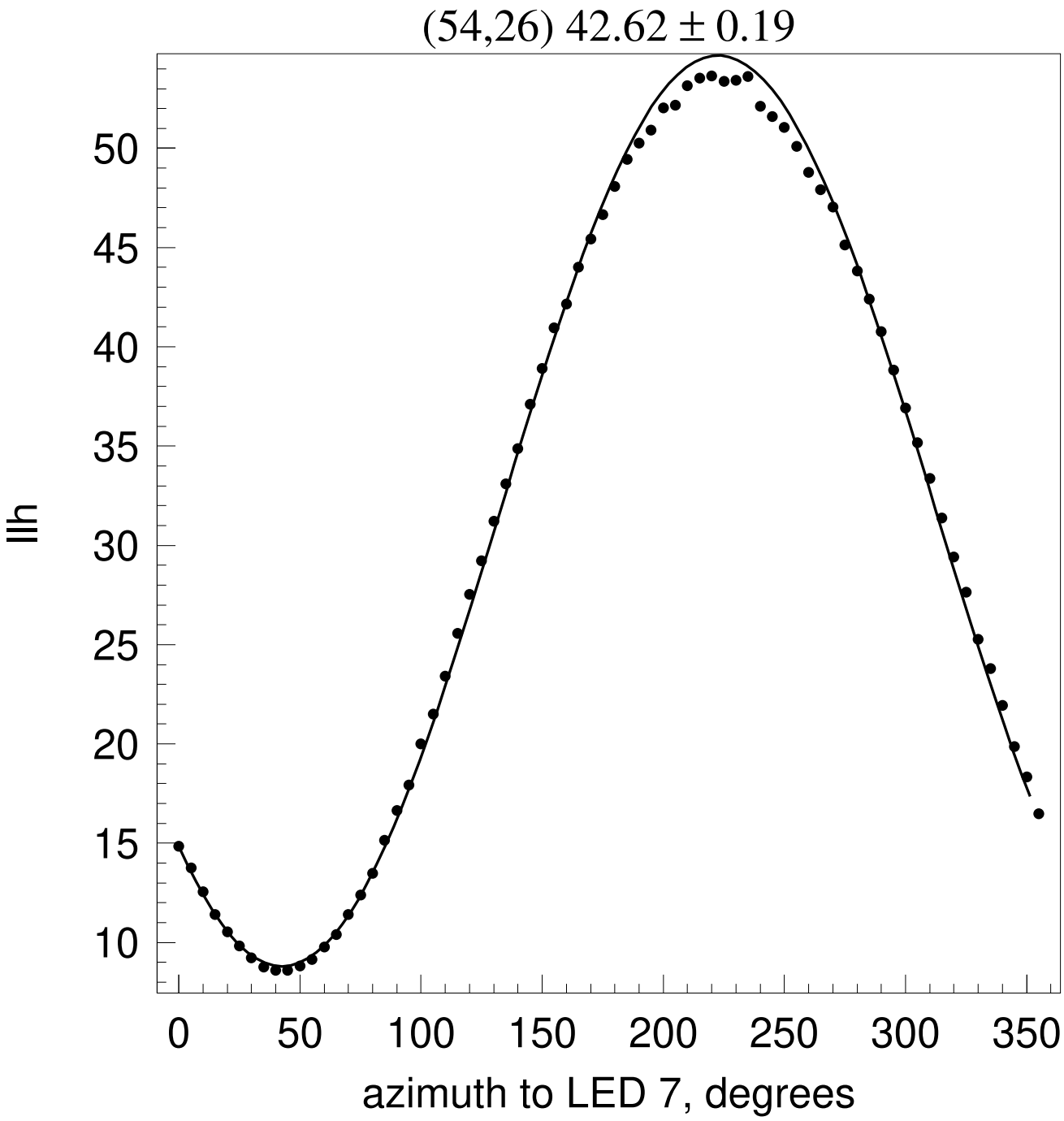

(54,21) 130.66 ± 0.20
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

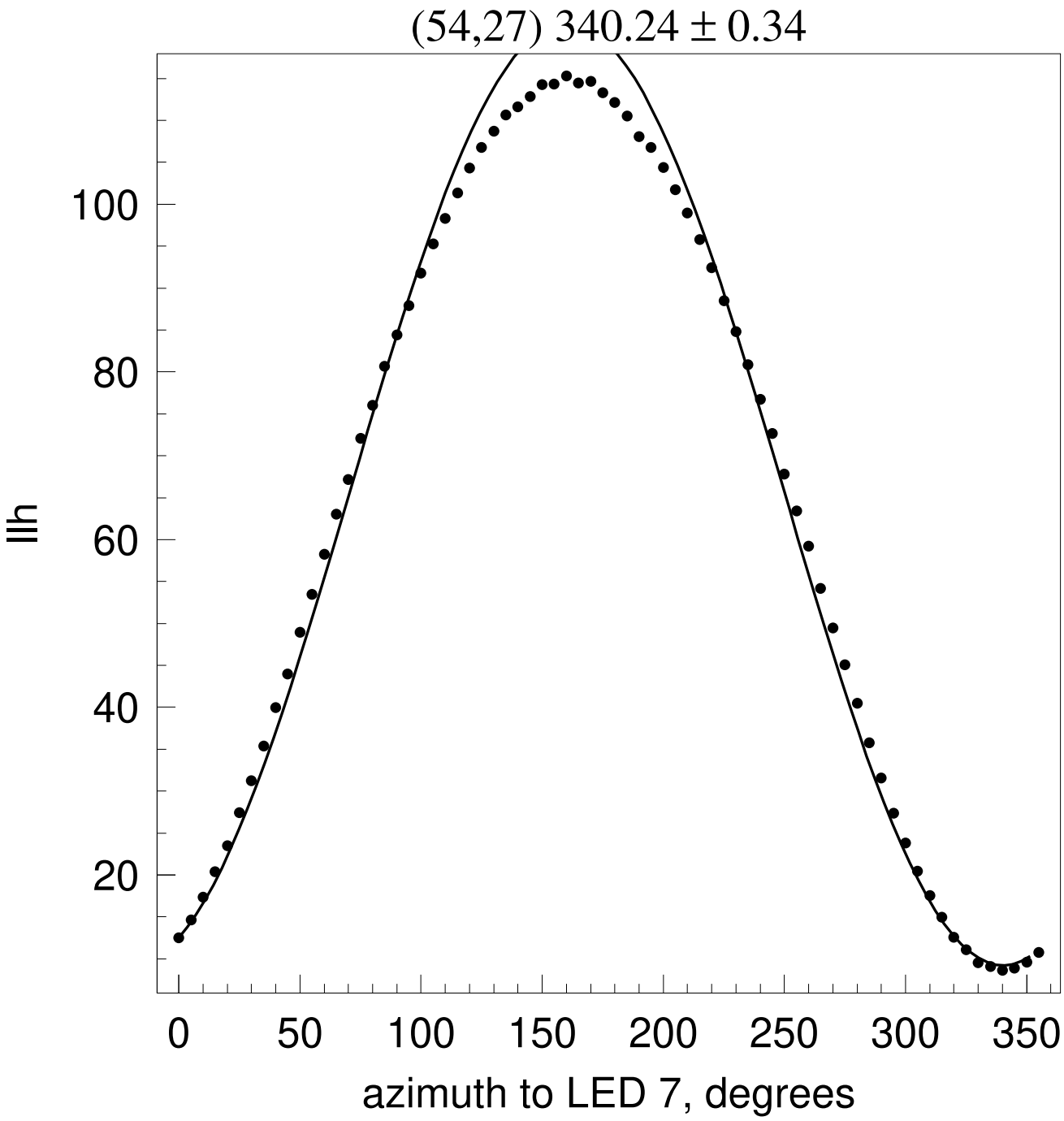

(54,22) 272.42 ± 0.37
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

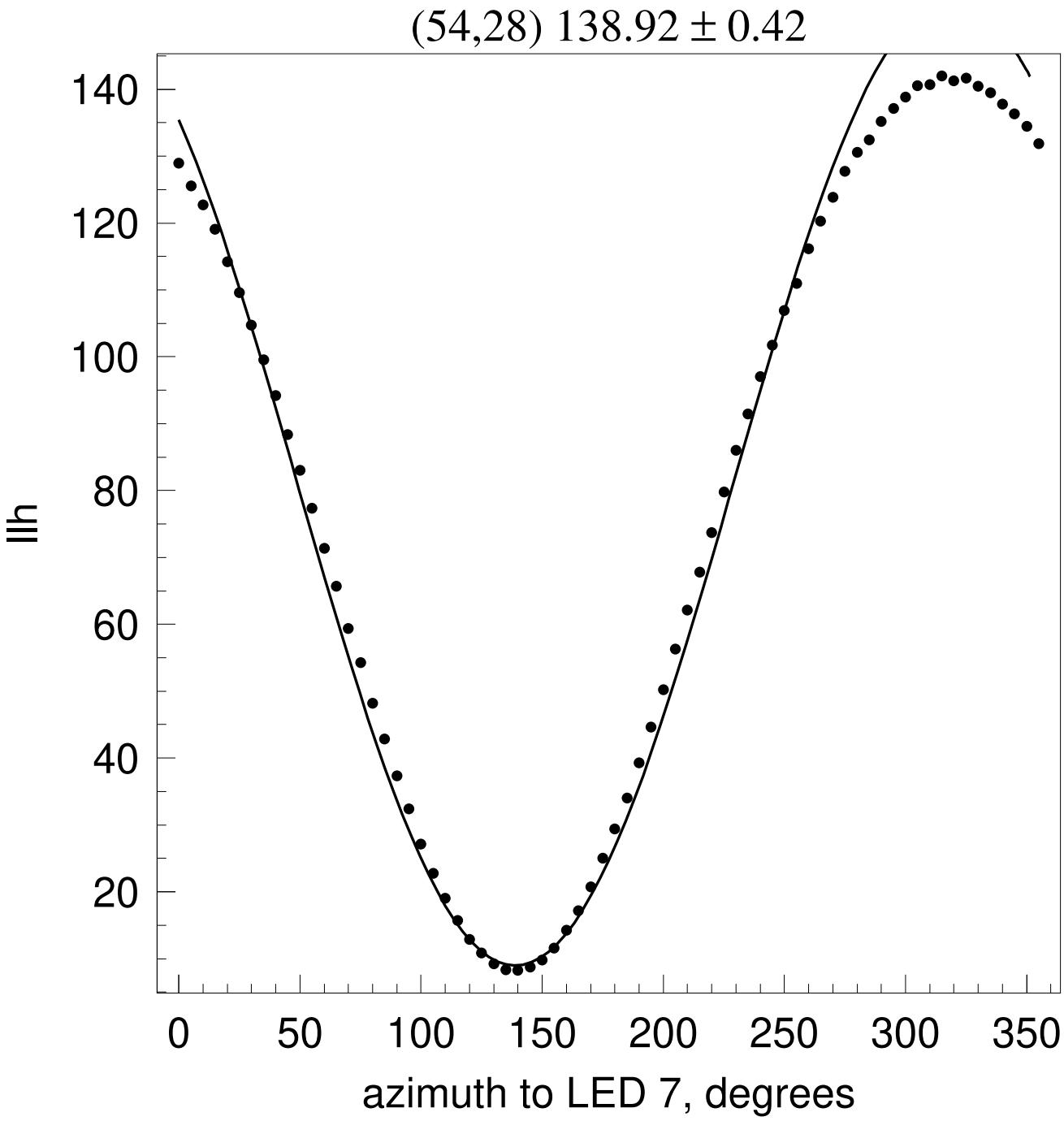

(54,23) 112.14 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

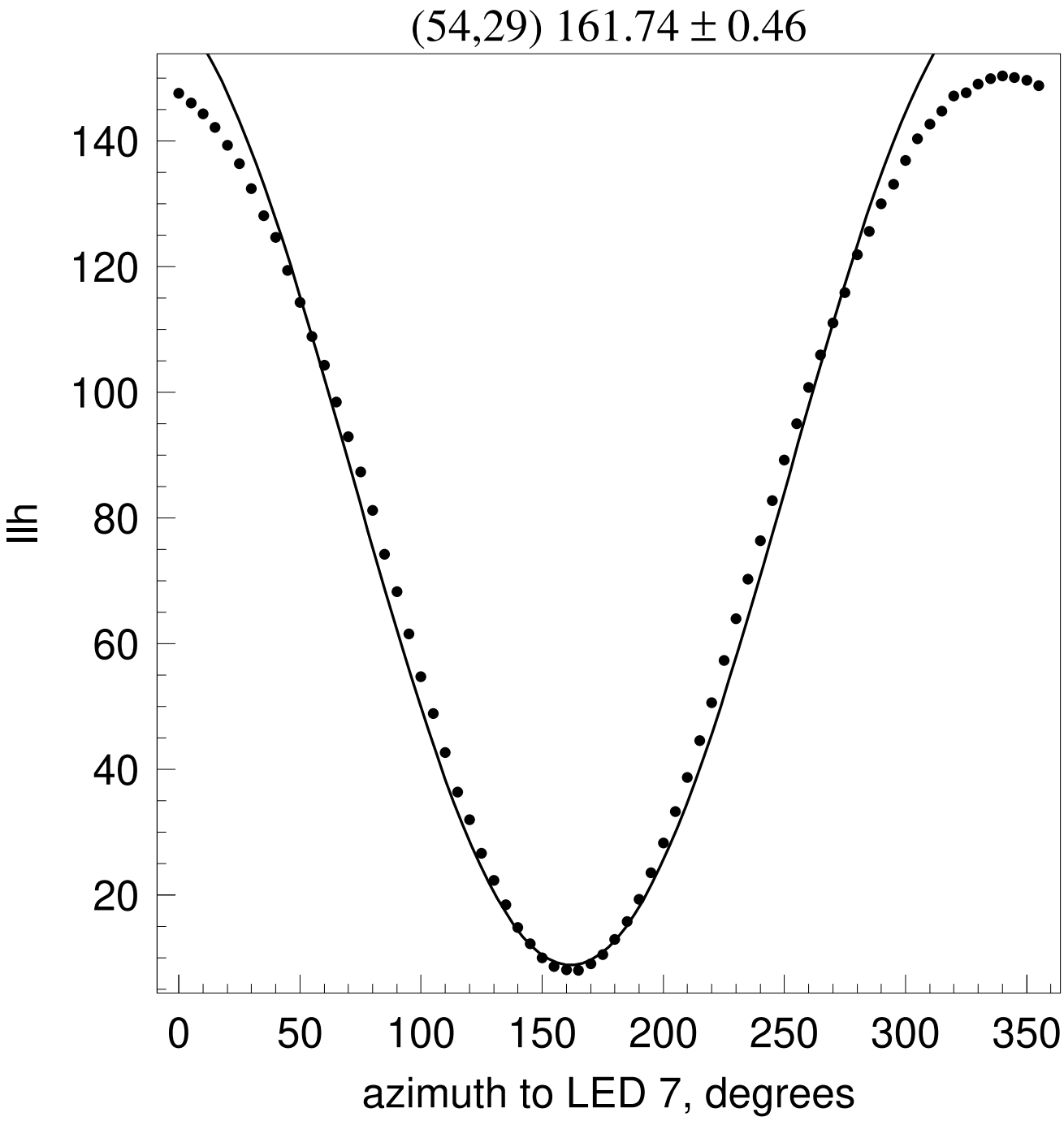

(54,24) 146.05 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

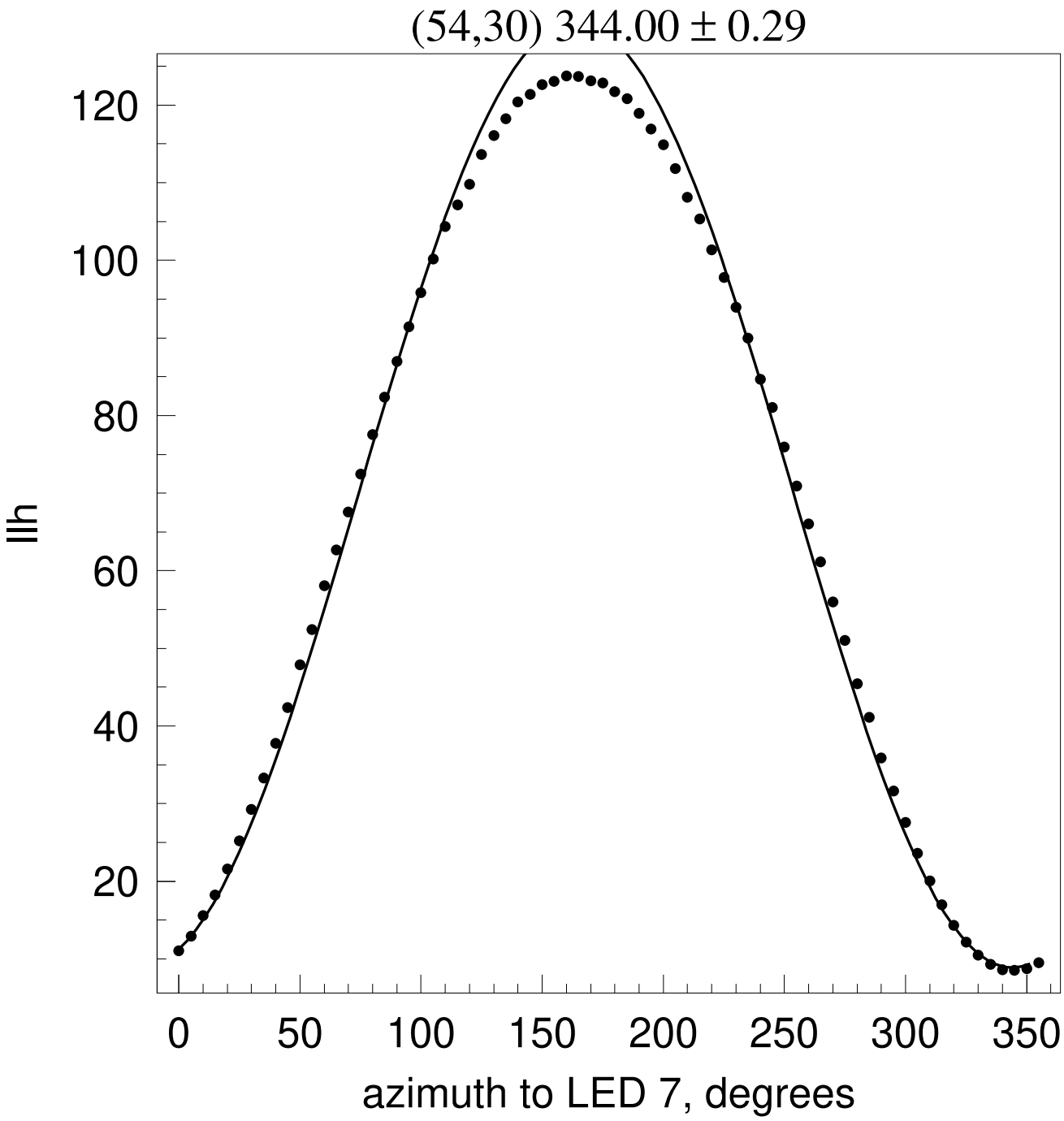

(54,25) 234.83 ± 0.15
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

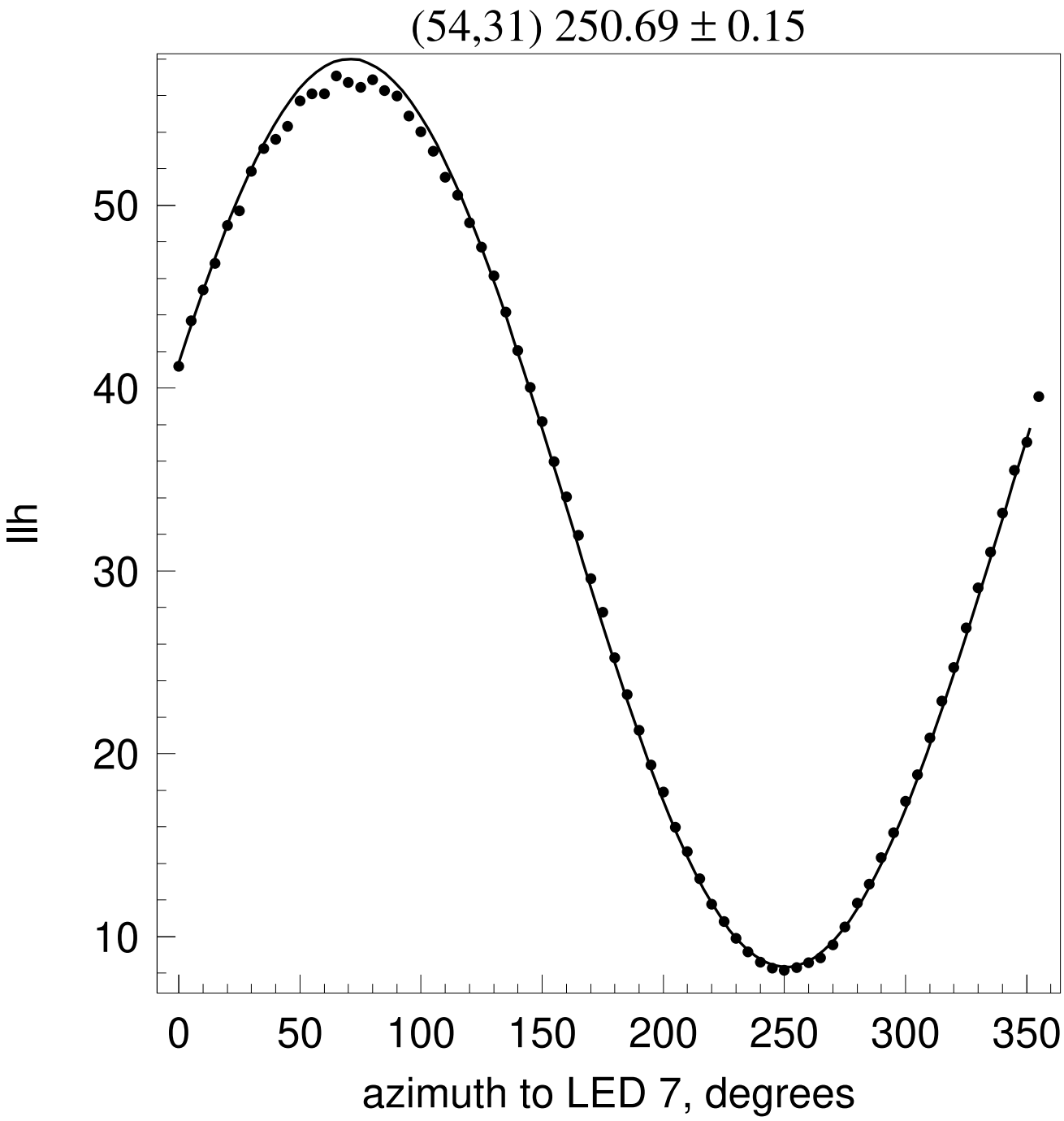

(54,26) 42.62 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

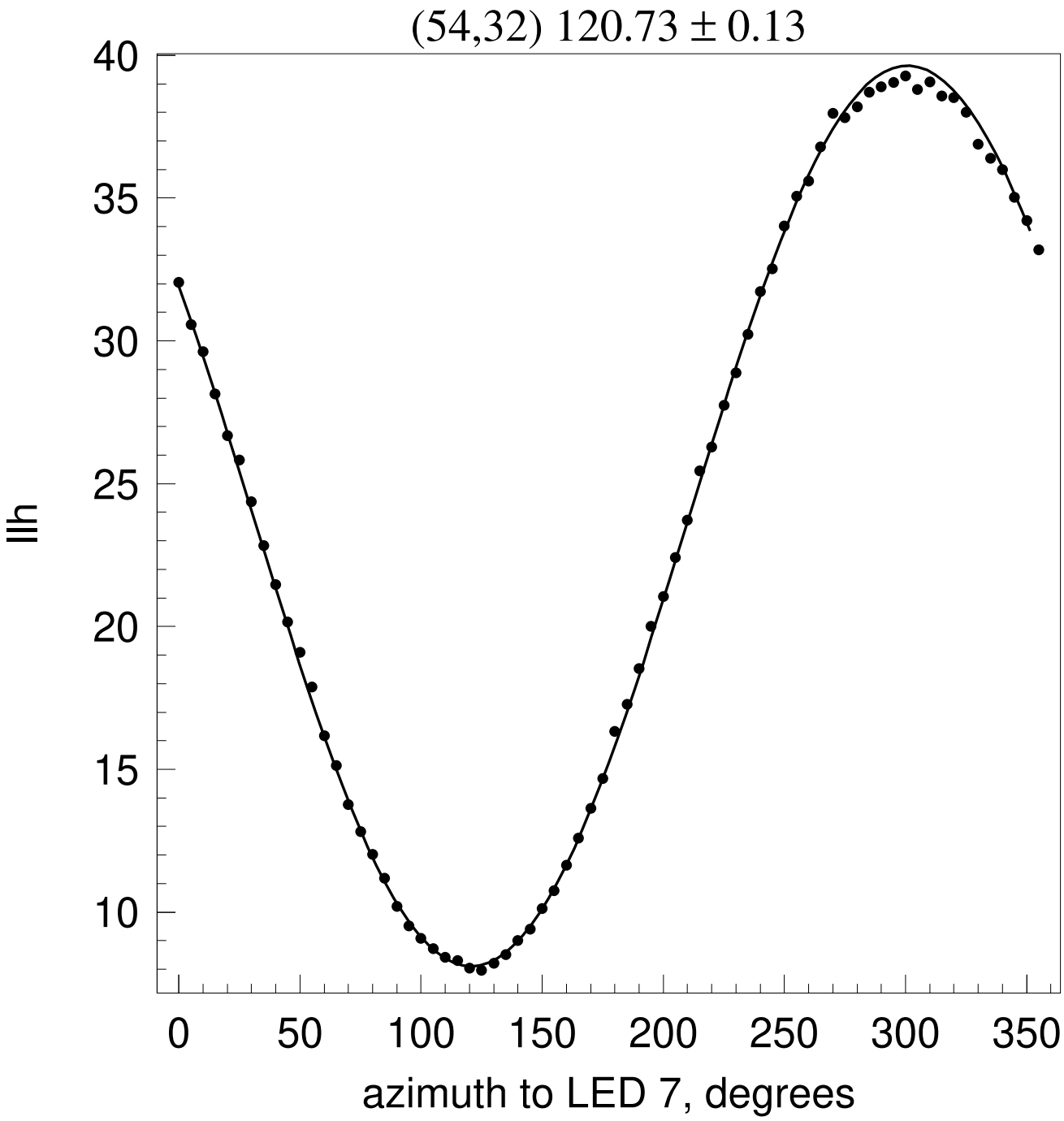

(54,27) 340.24 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

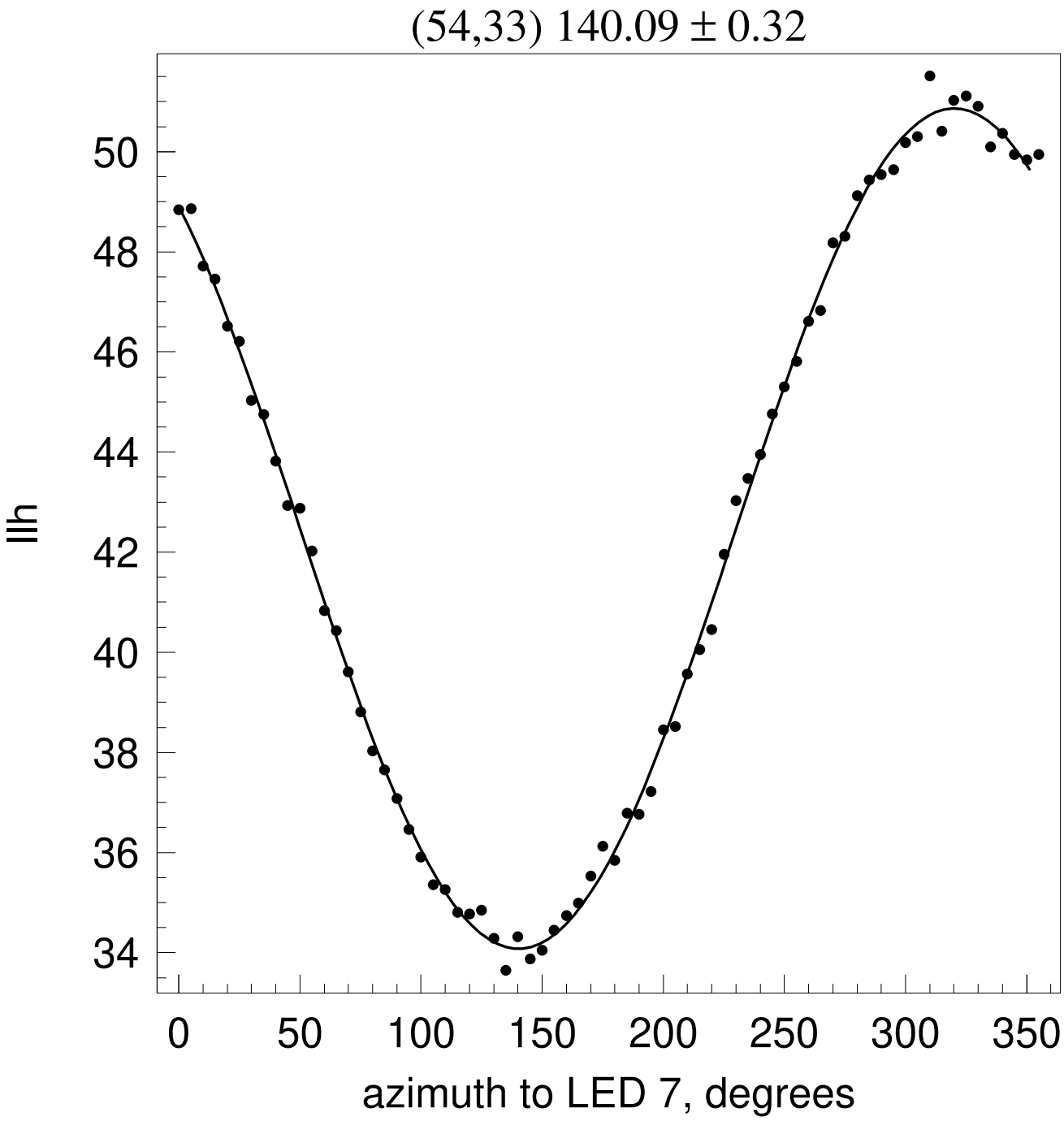

(54,28) 138.92 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

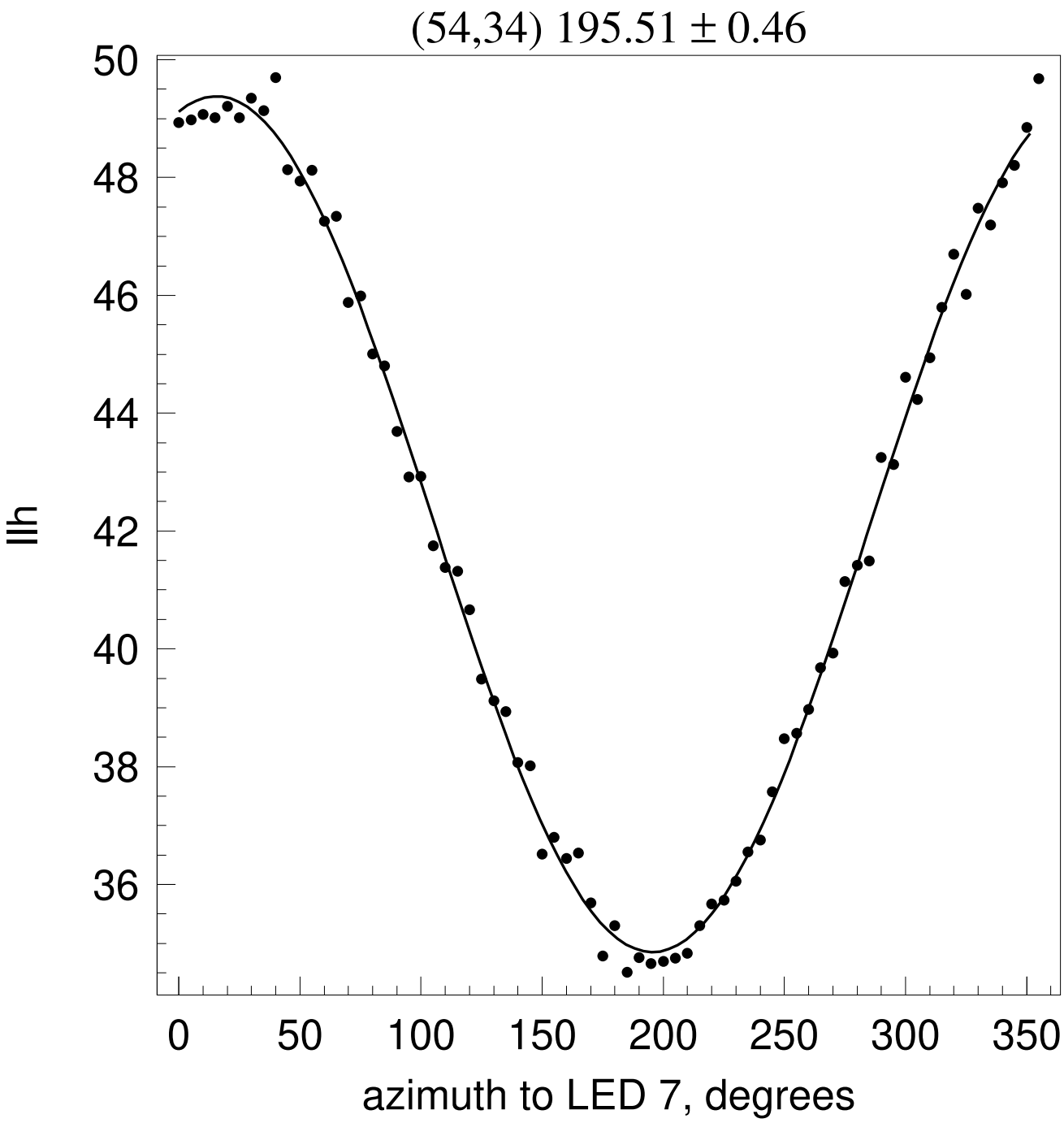

(54,29) 161.74 ± 0.46
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

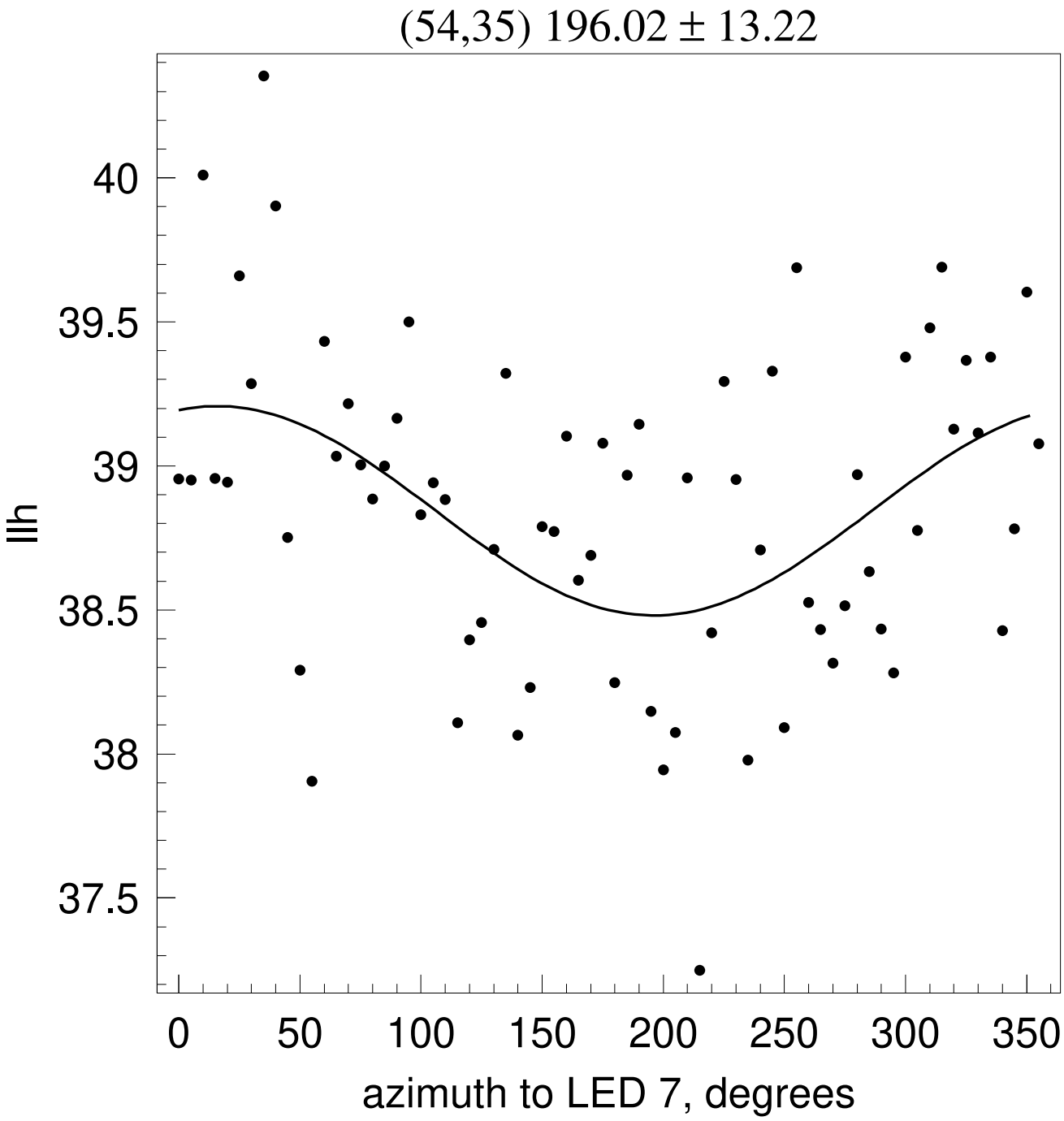

(54,30) 344.00 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

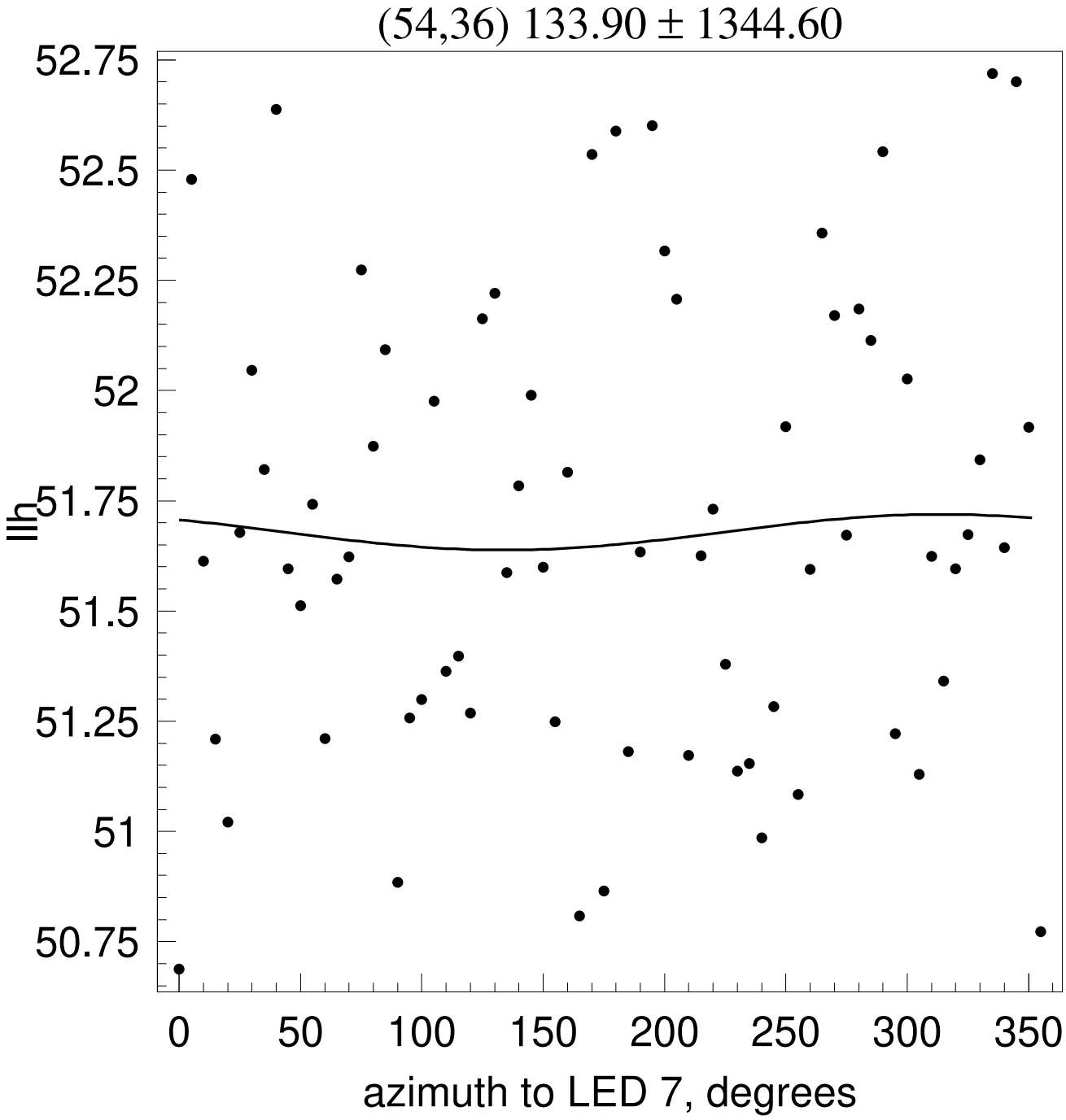

(54,31) 250.69 ± 0.15
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

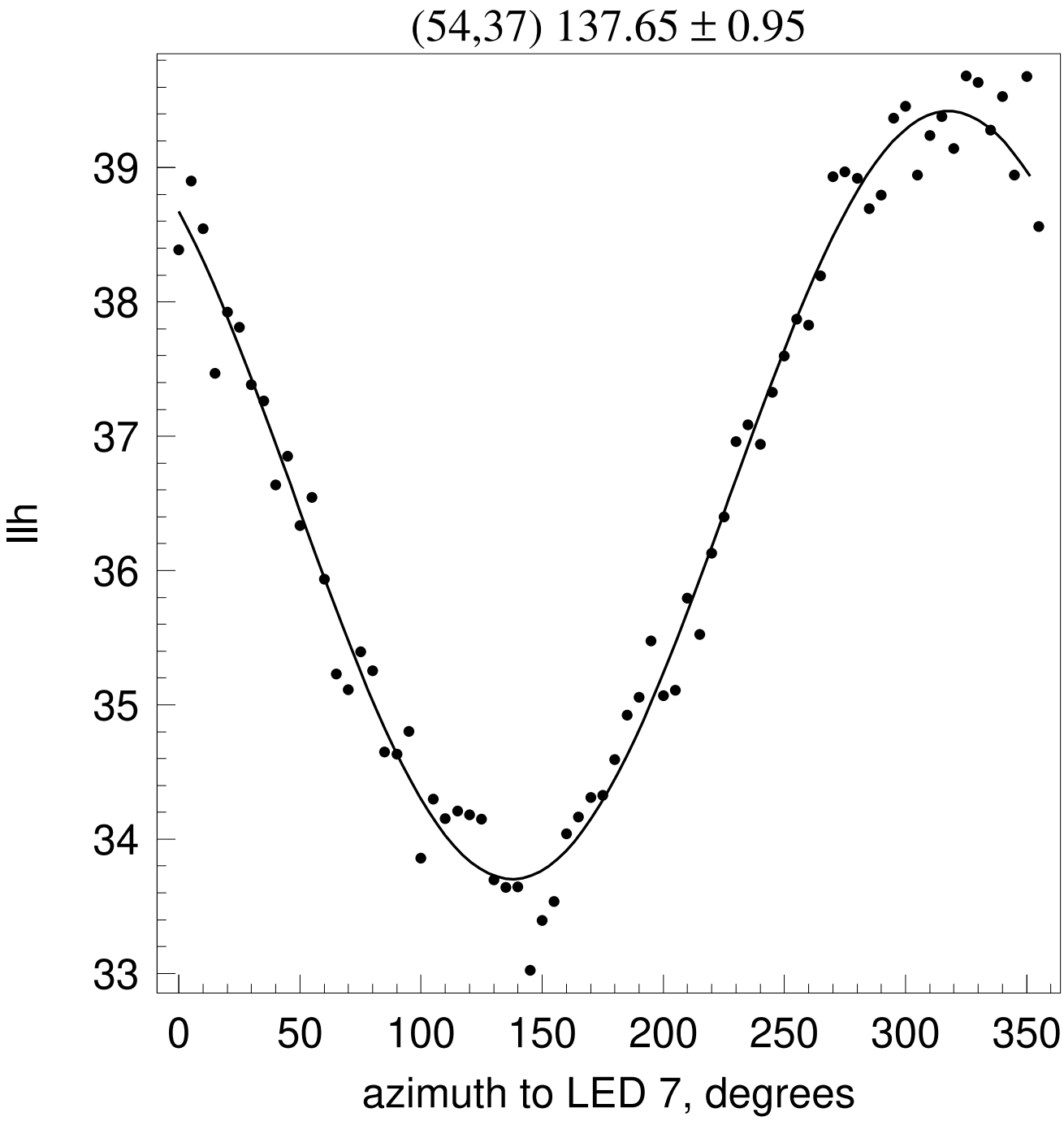

(54,32) 120.73 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

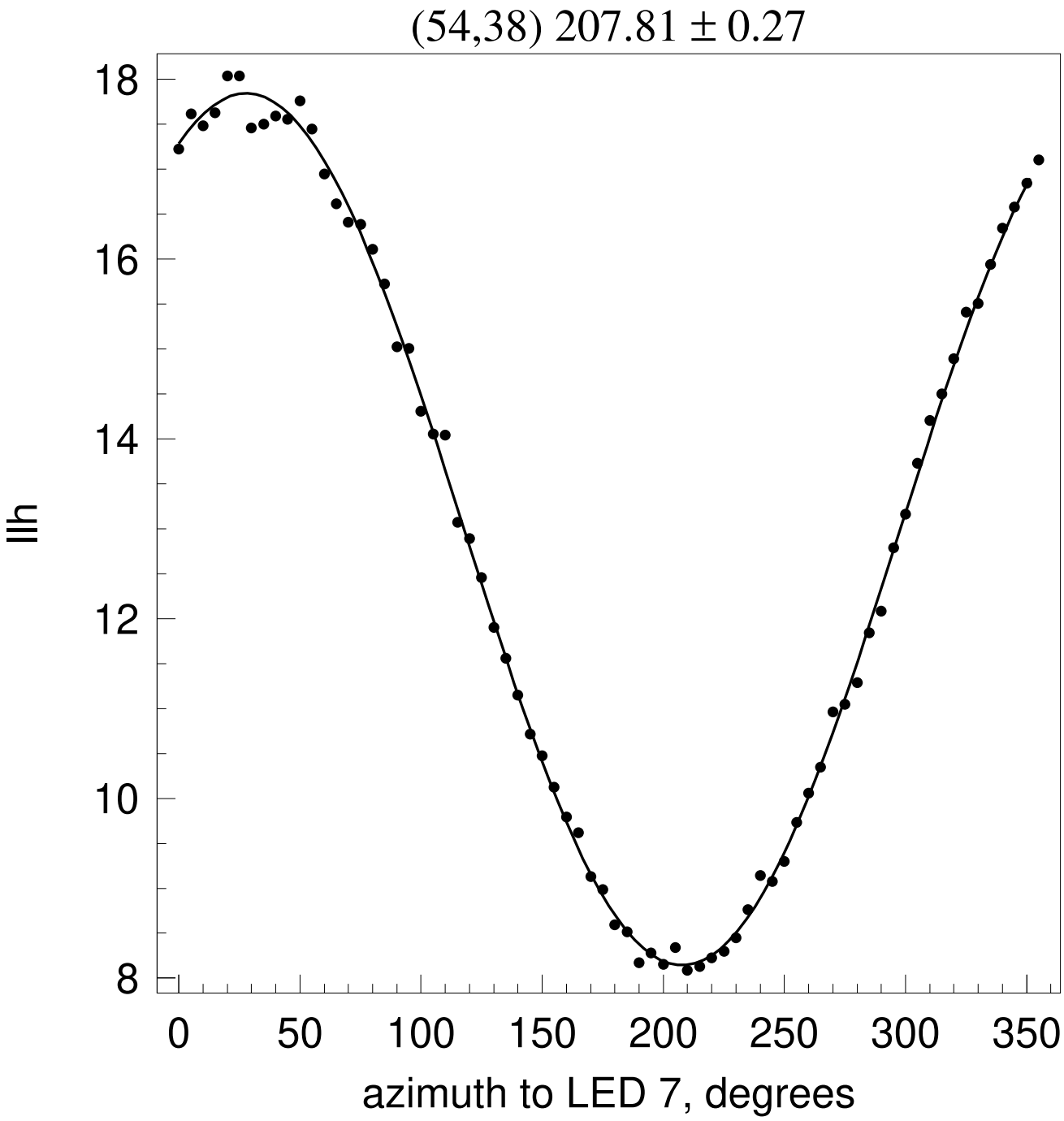

(54,33) 140.09 ± 0.32
50
48
46
44
42
40
38
36
34
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

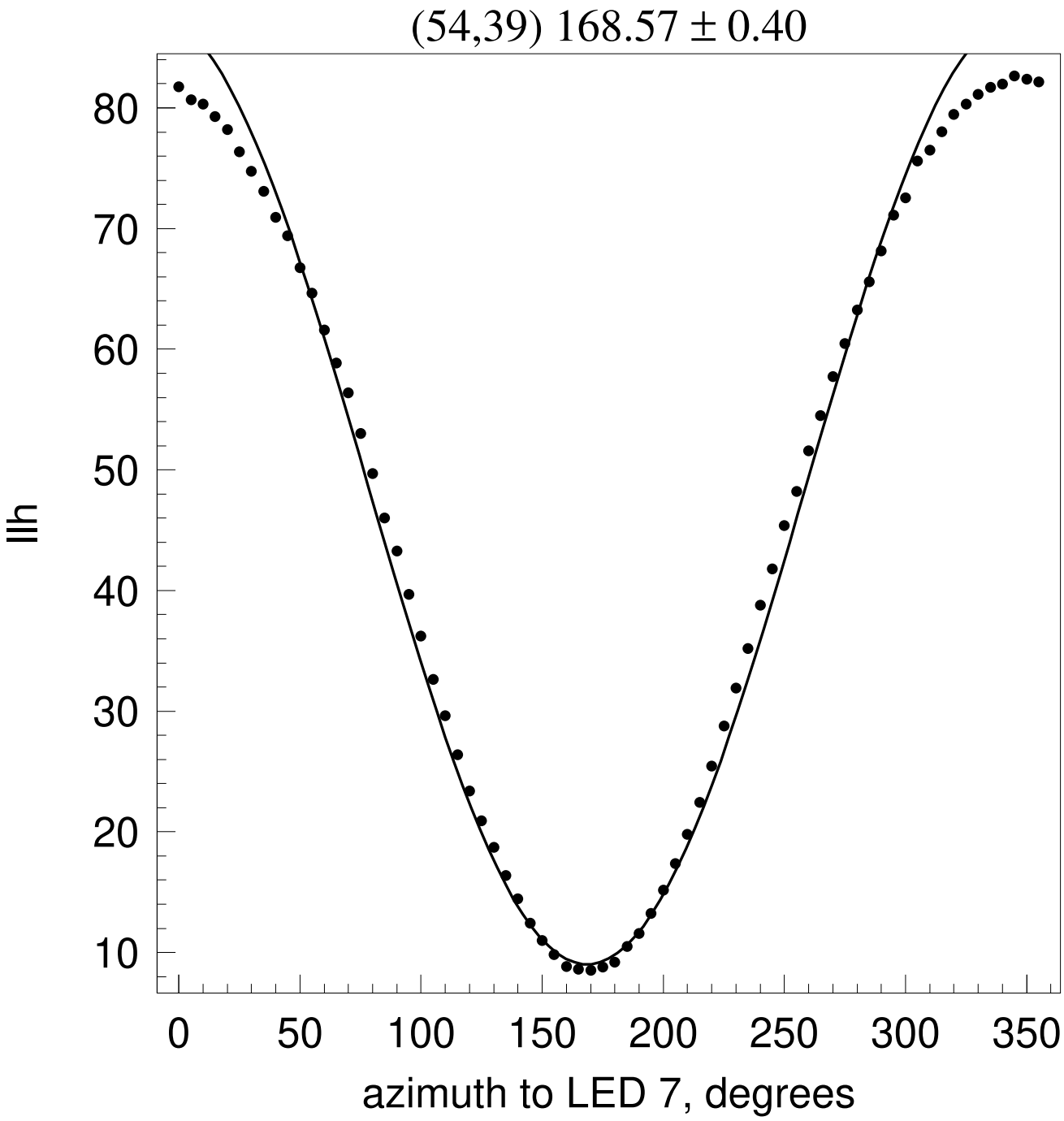

(54,34) 195.51 ± 0.46
50
48
46
44
42
40
38
36
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

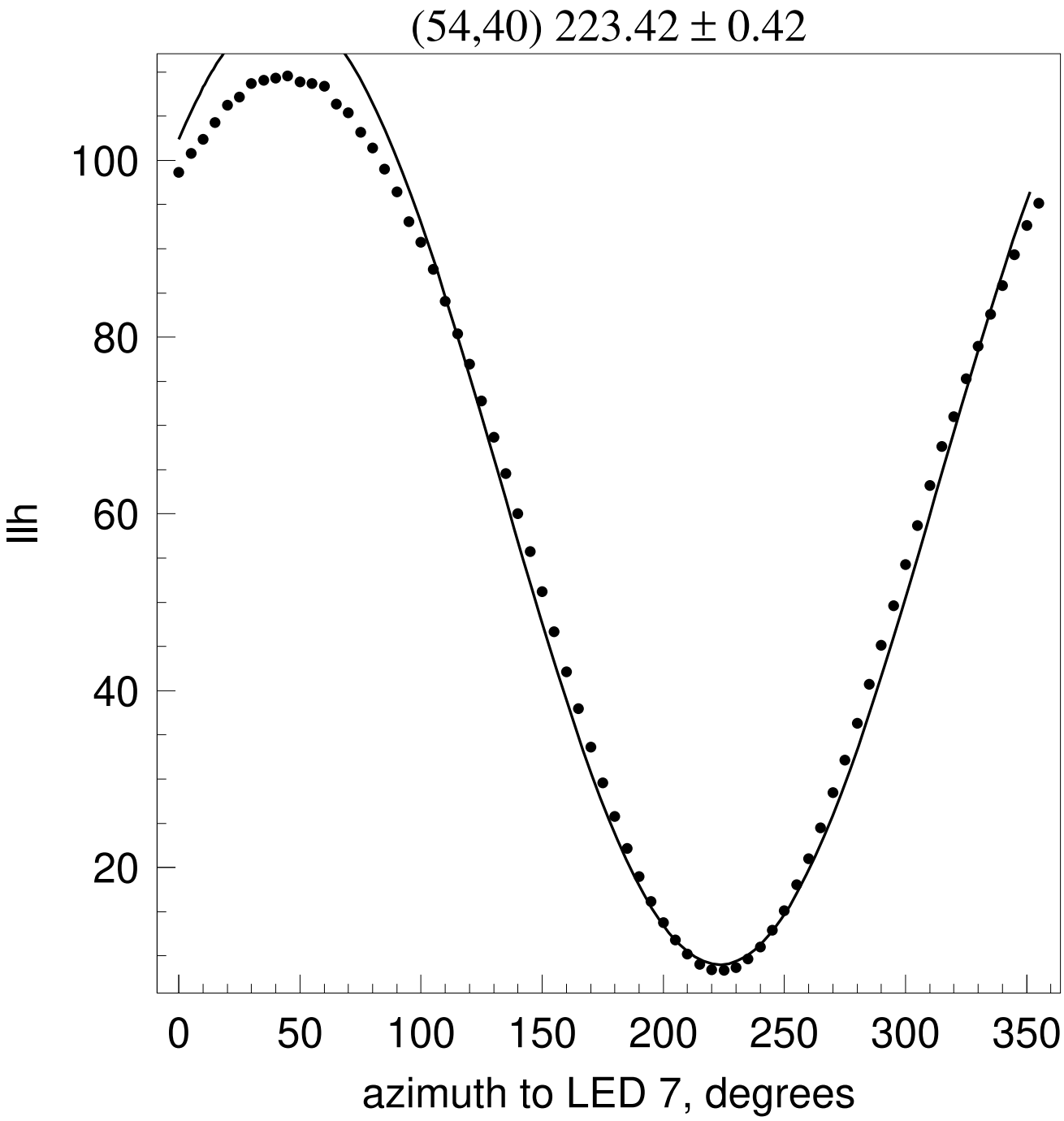

(54,35) 196.02 ± 13.22
40
39.5
39
38.5
38
37.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

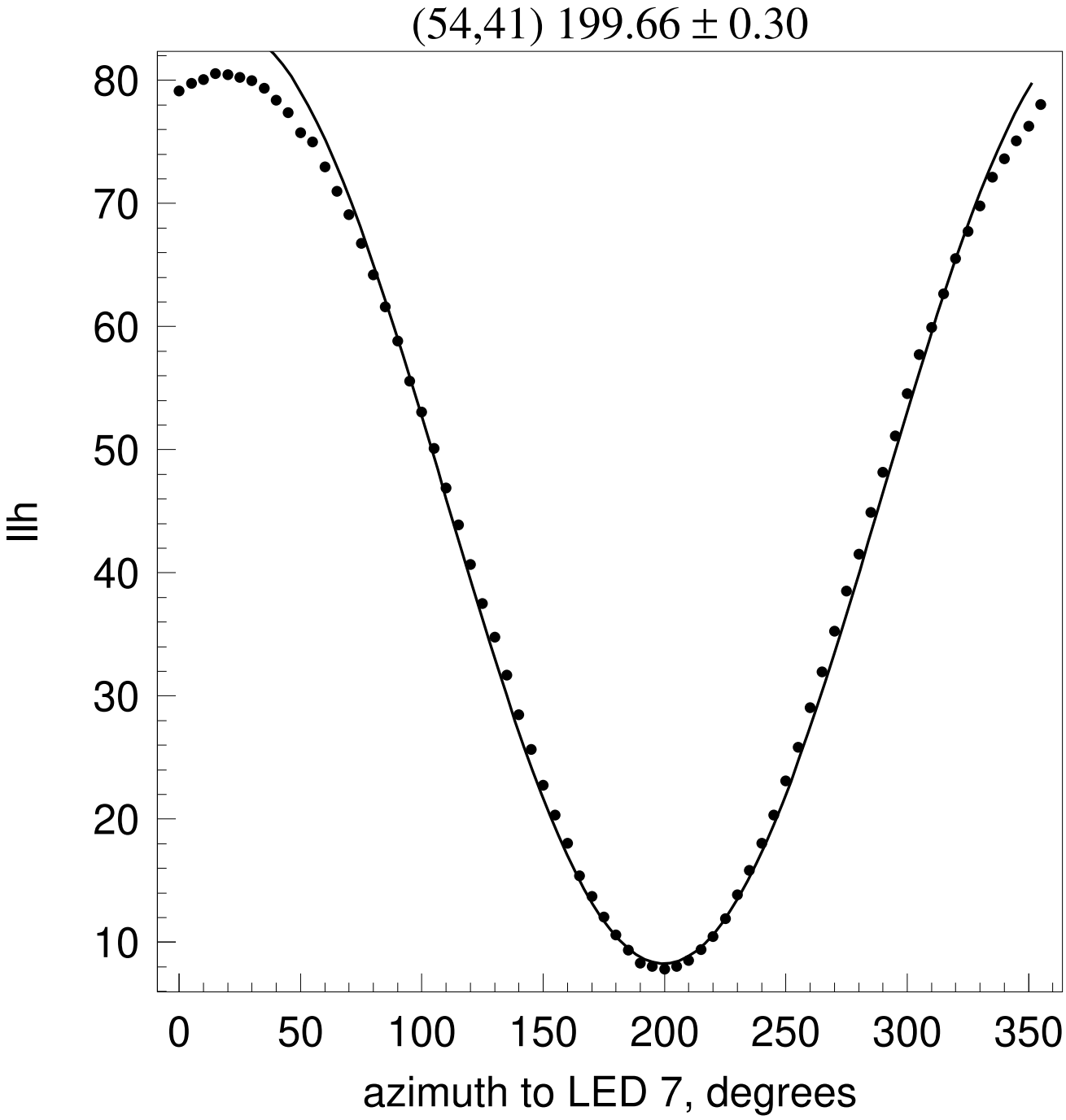

(54,36) 133.90 ± 1344.60
52.75
52.5
52.25
52
51.75
51.5
51.25
51
50.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

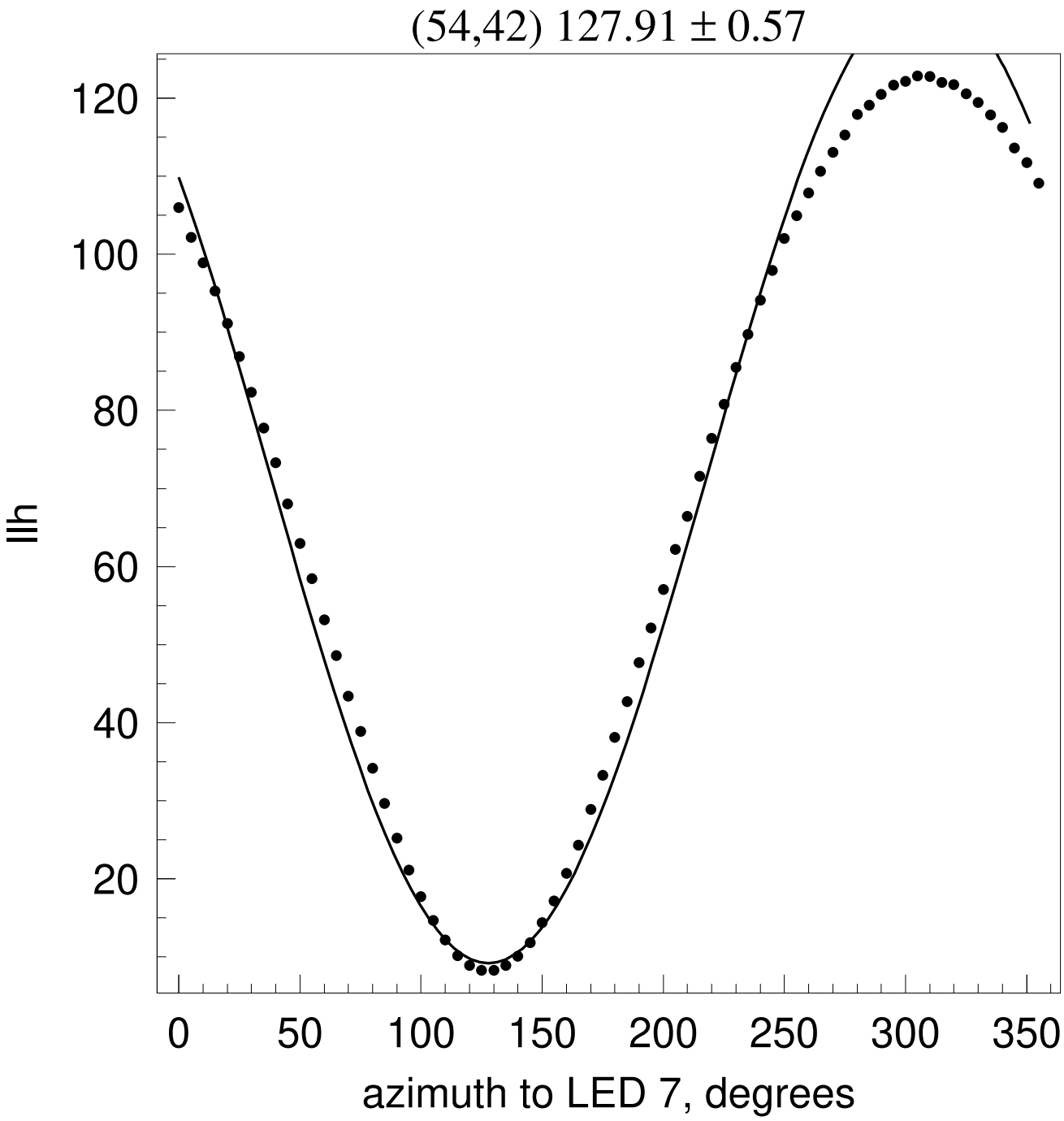

(54,37) 137.65 ± 0.95
39
38
37
36
35
34
33
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

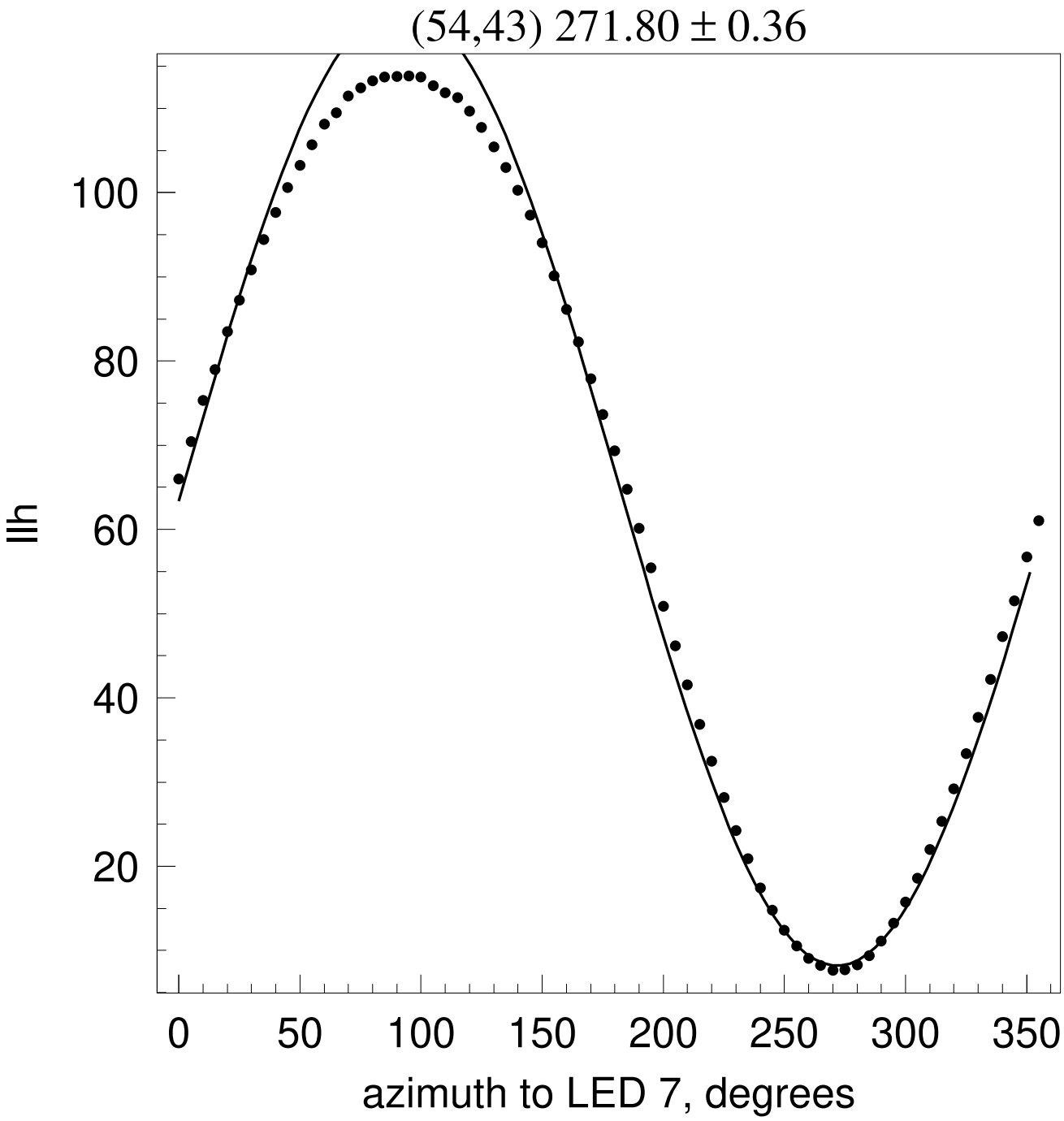

(54,38) 207.81 ± 0.27
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

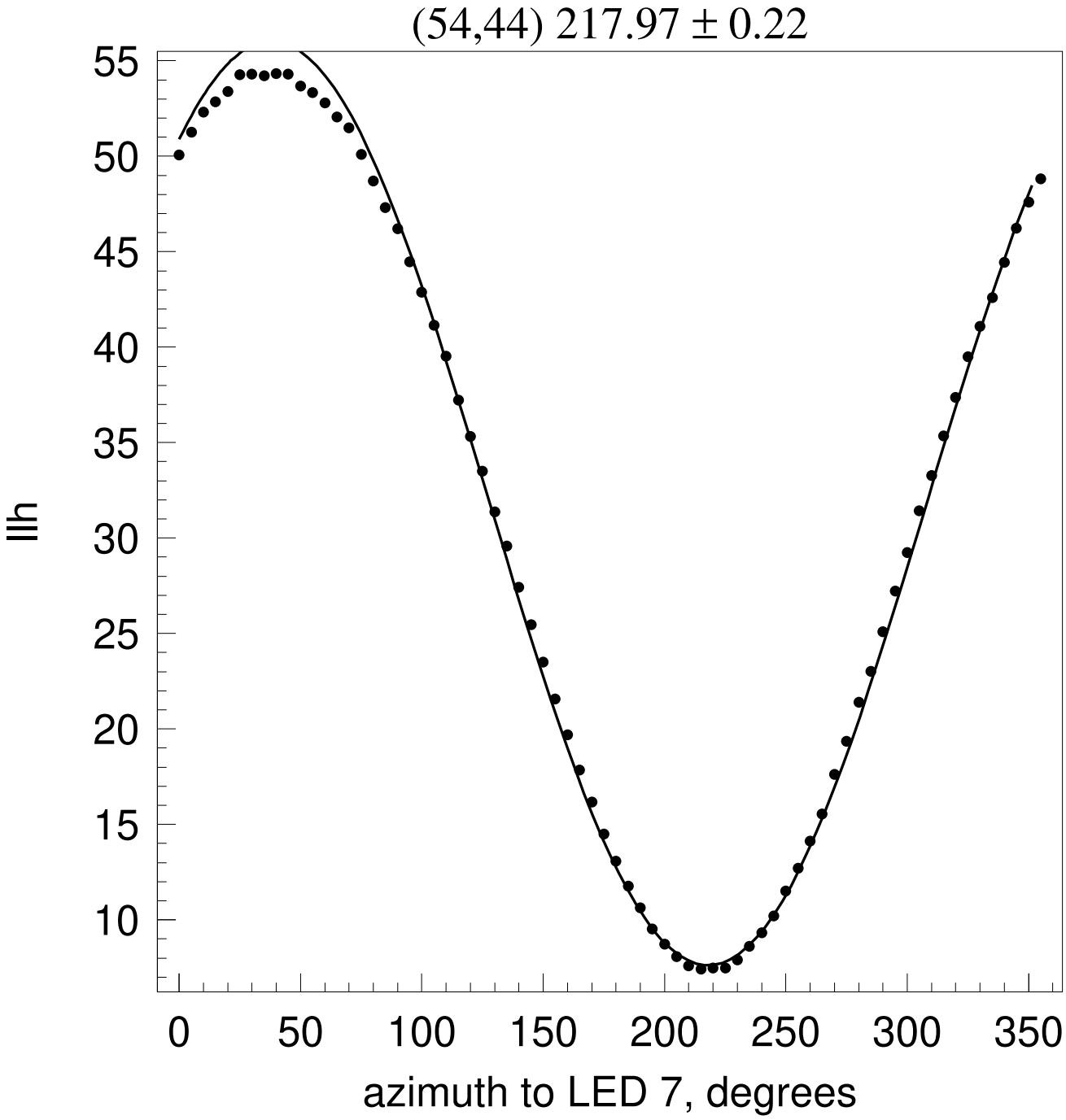

(54,39) 168.57 ± 0.40
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

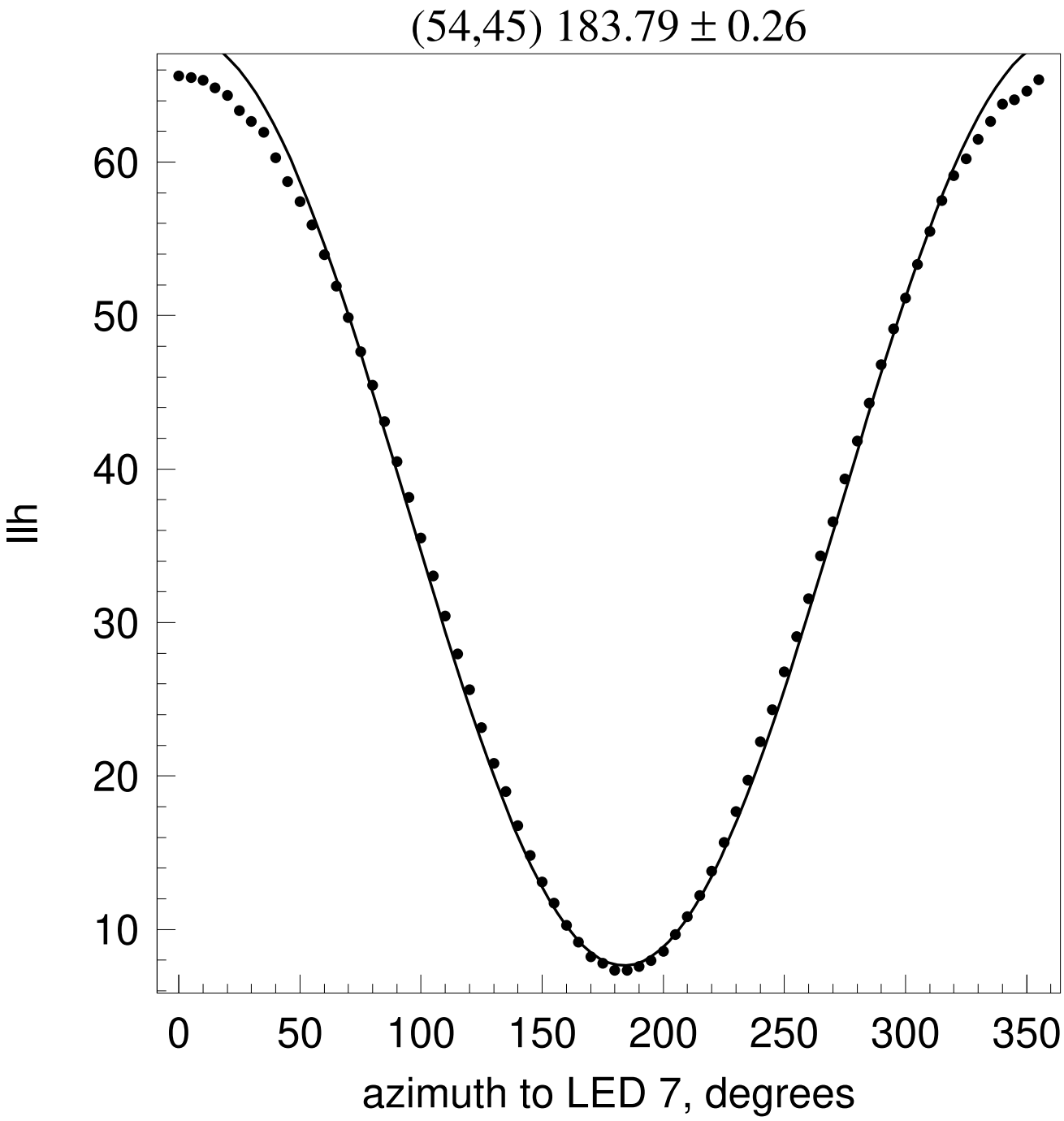

(54,40) 223.42 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

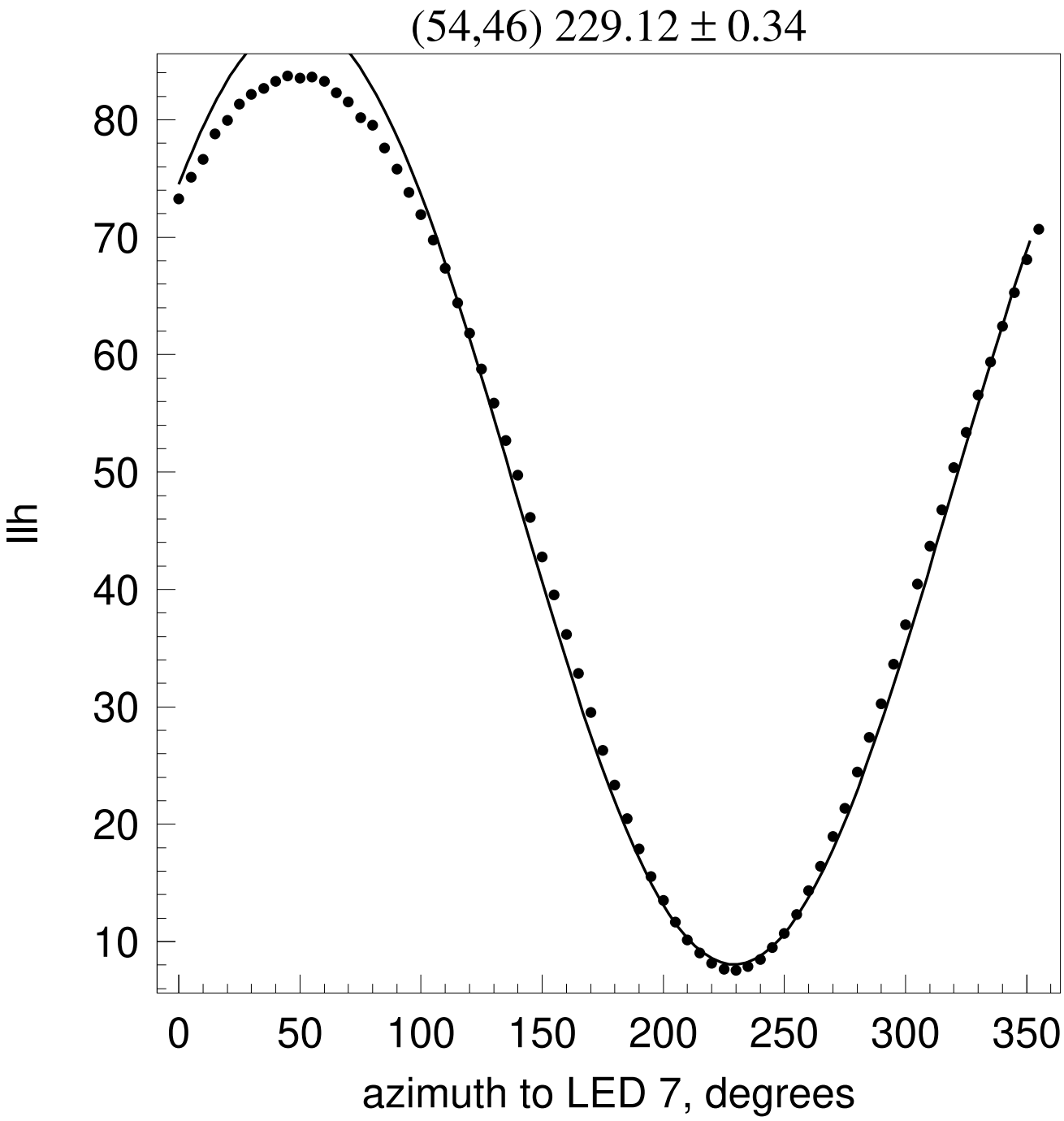

(54,41) 199.66 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

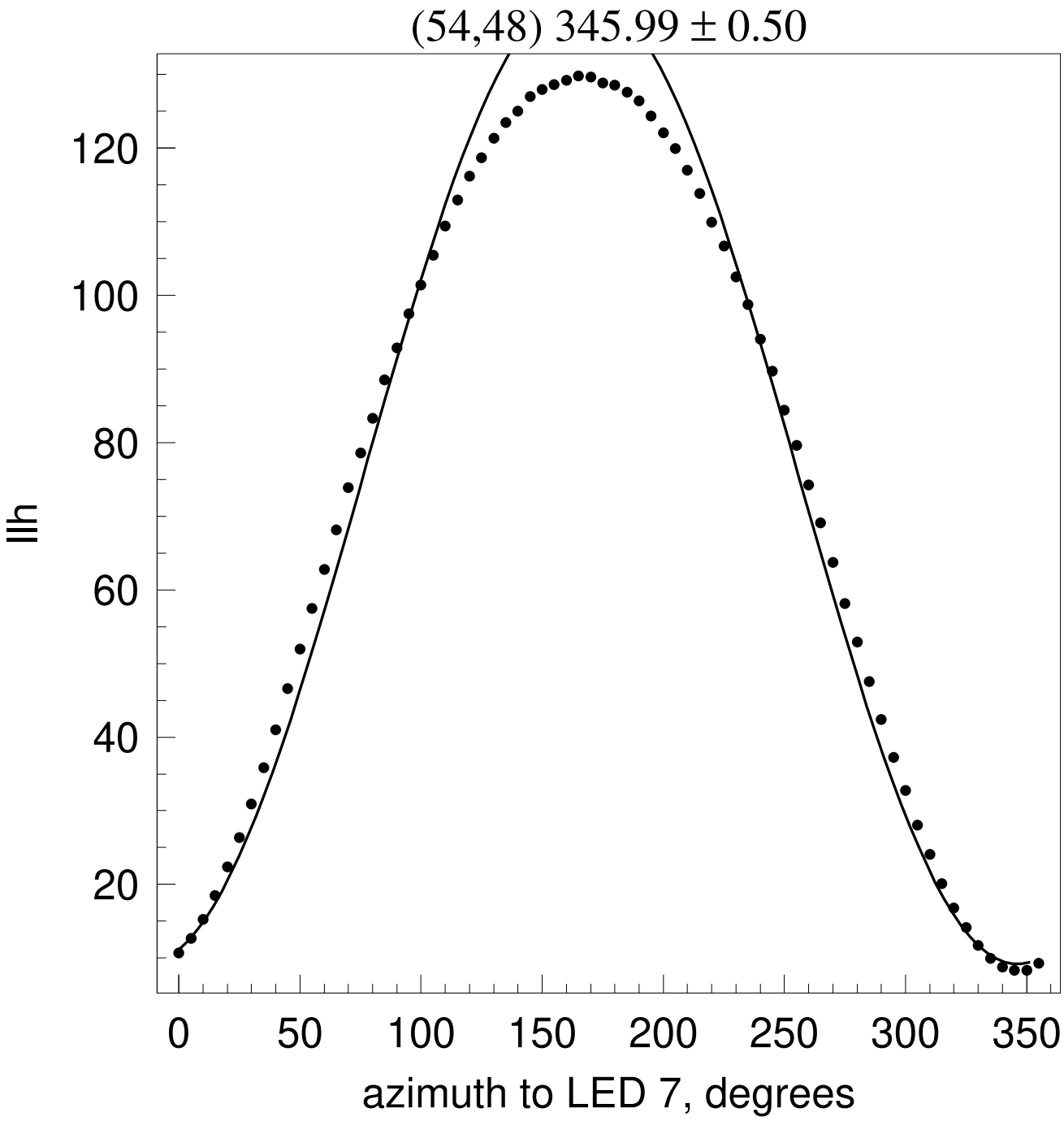

(54,42) 127.91 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

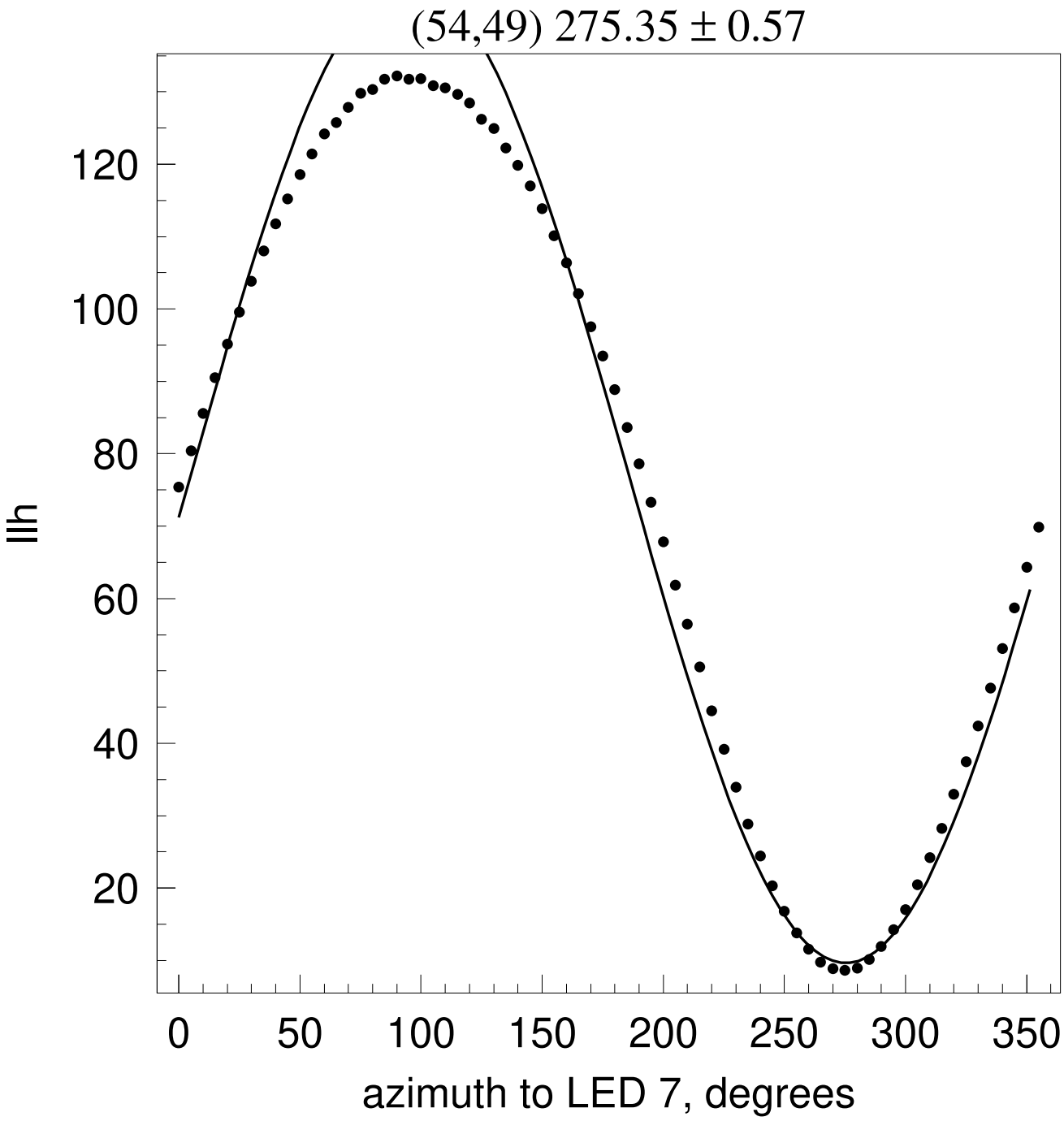

(54,43) 271.80 ± 0.36
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

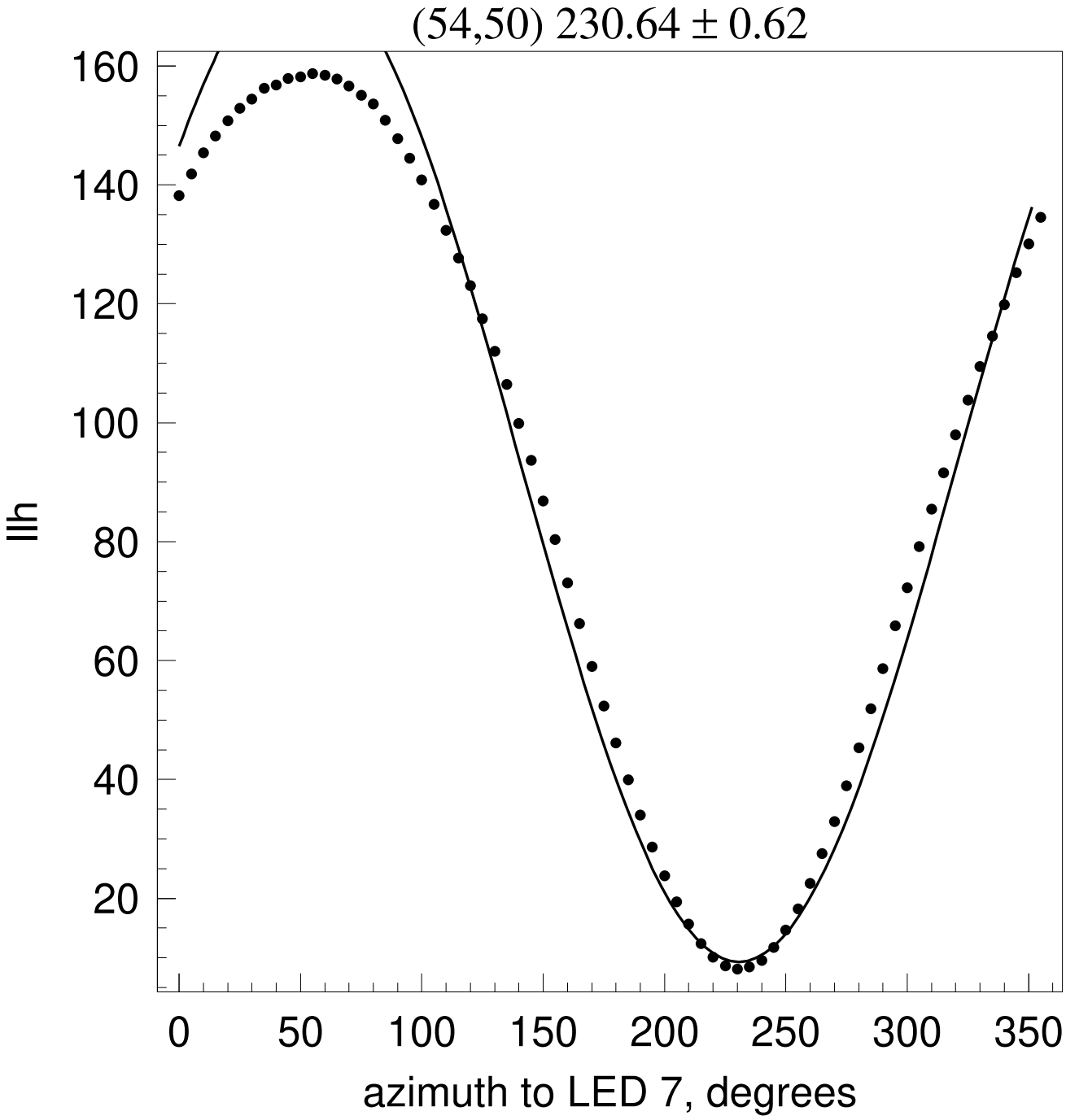

(54,44) 217.97 ± 0.22
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

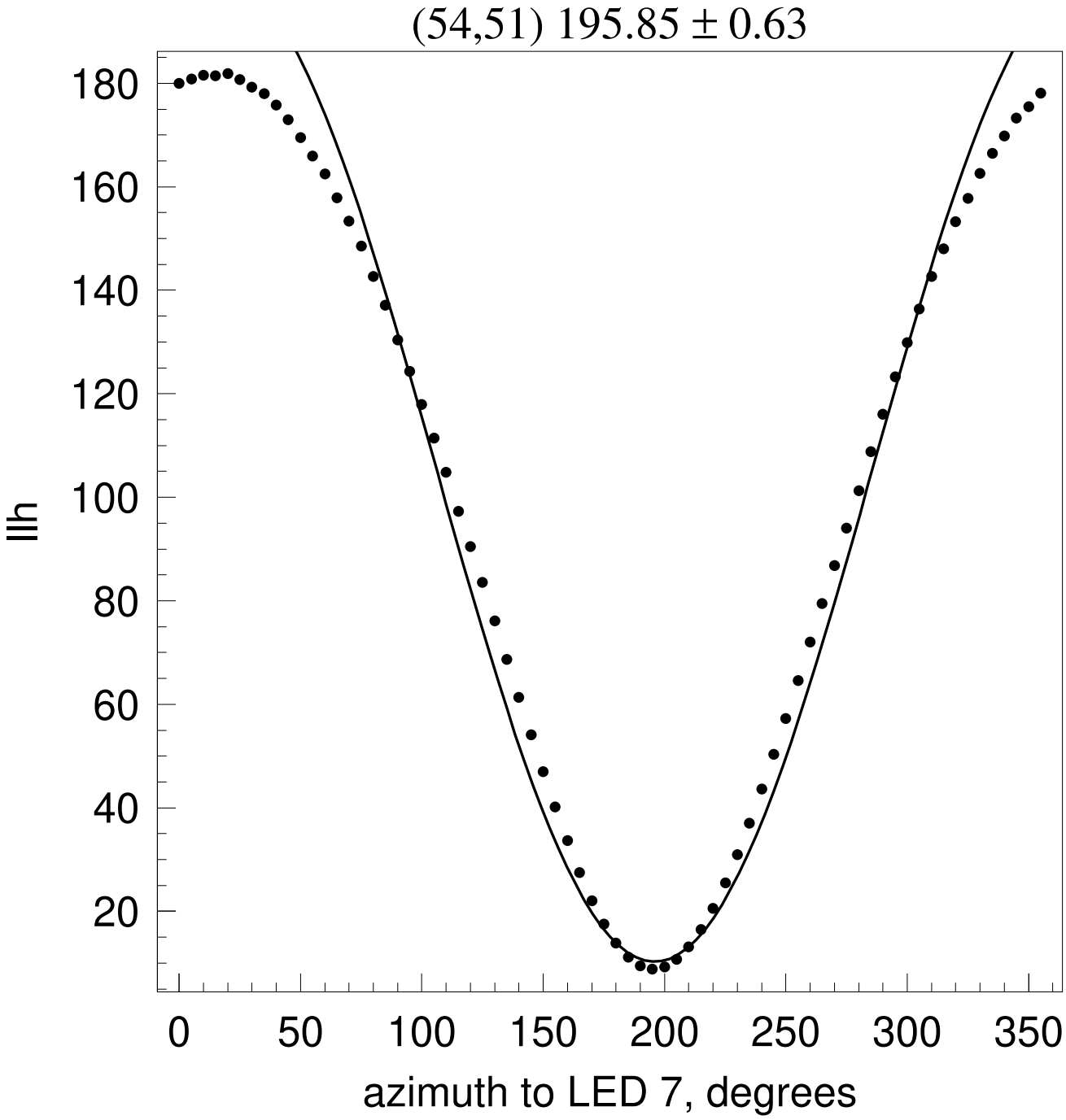

(54,45) 183.79 ± 0.26
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

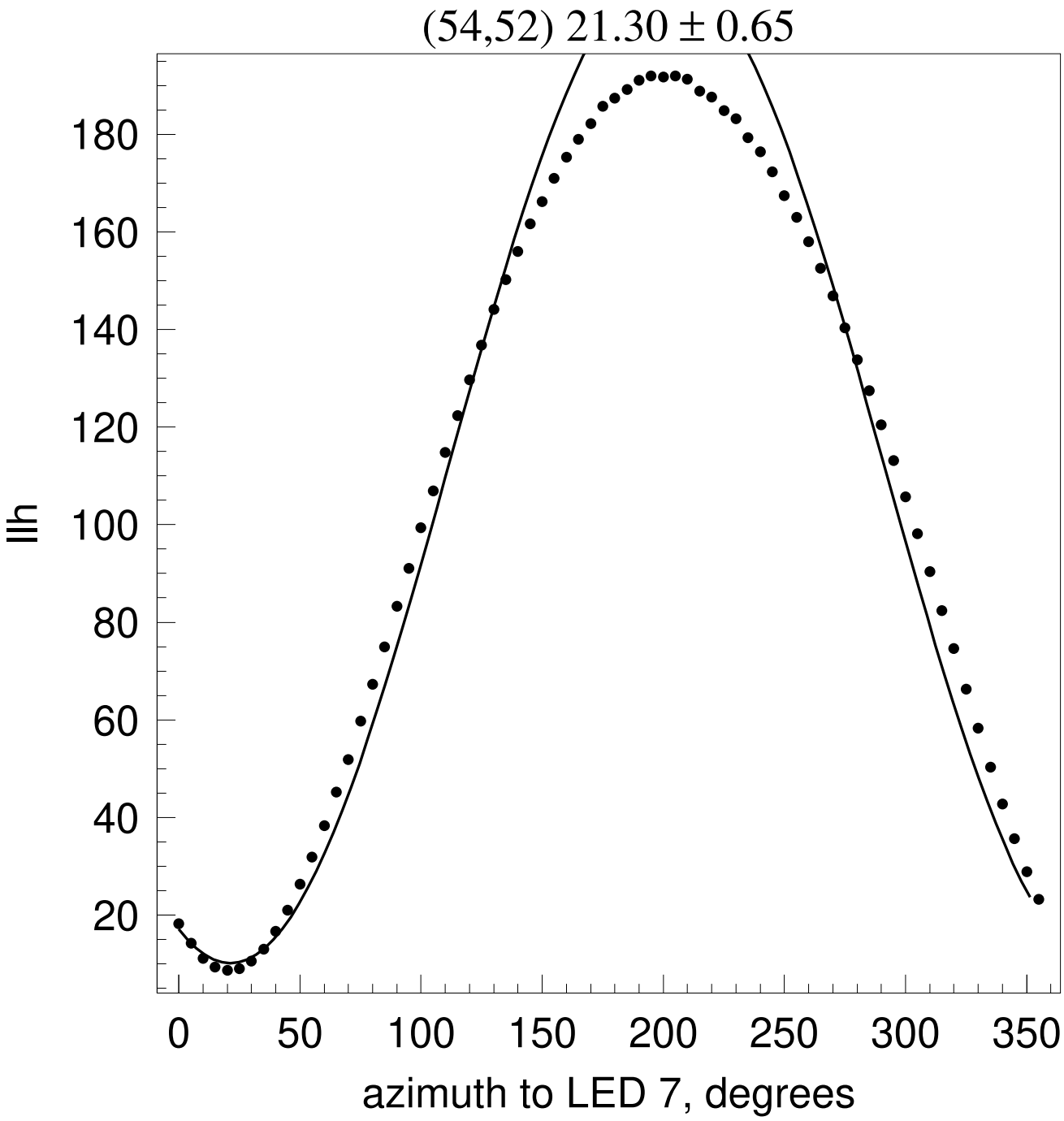

(54,46) 229.12 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

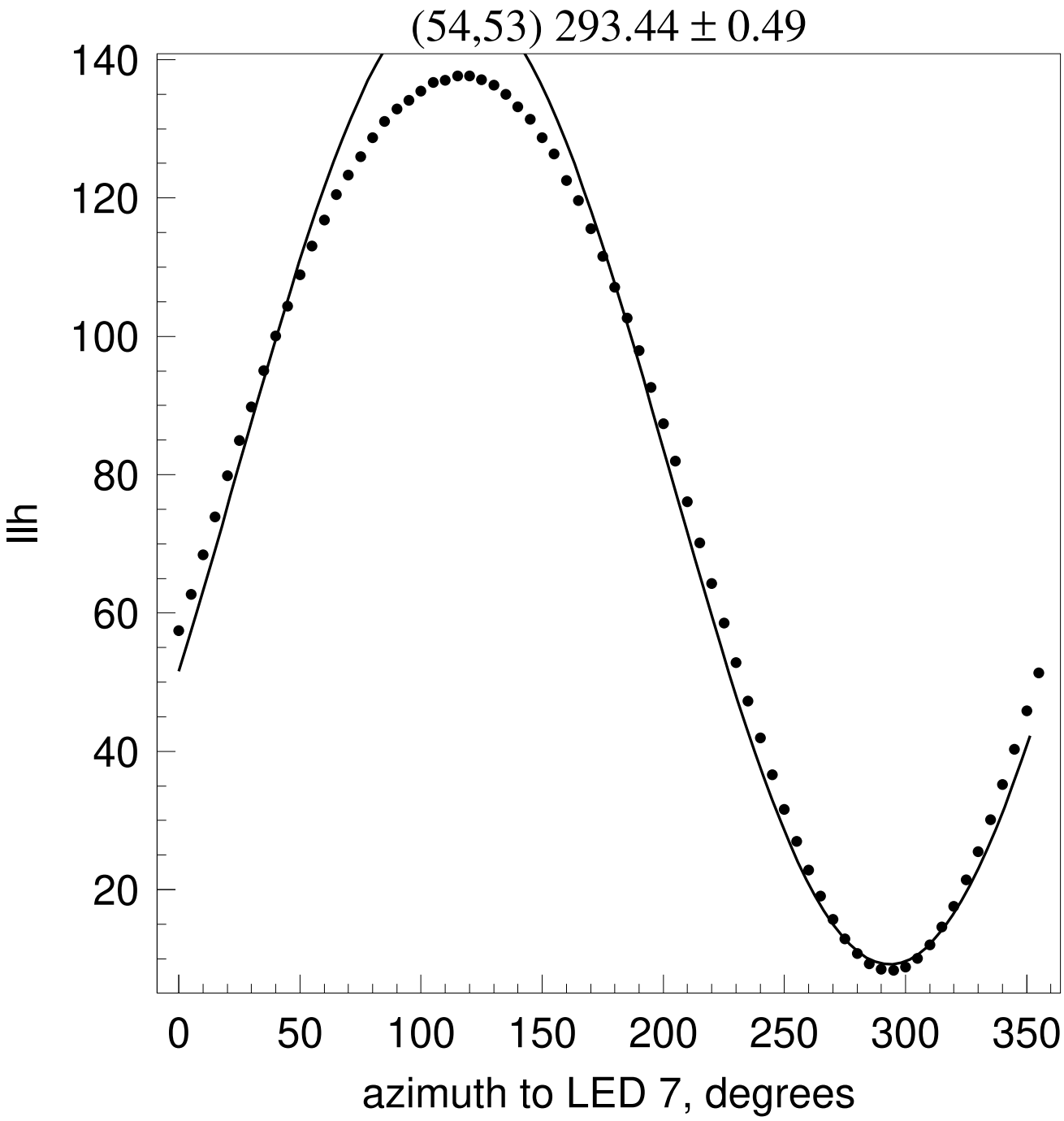

(54,48) 345.99 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

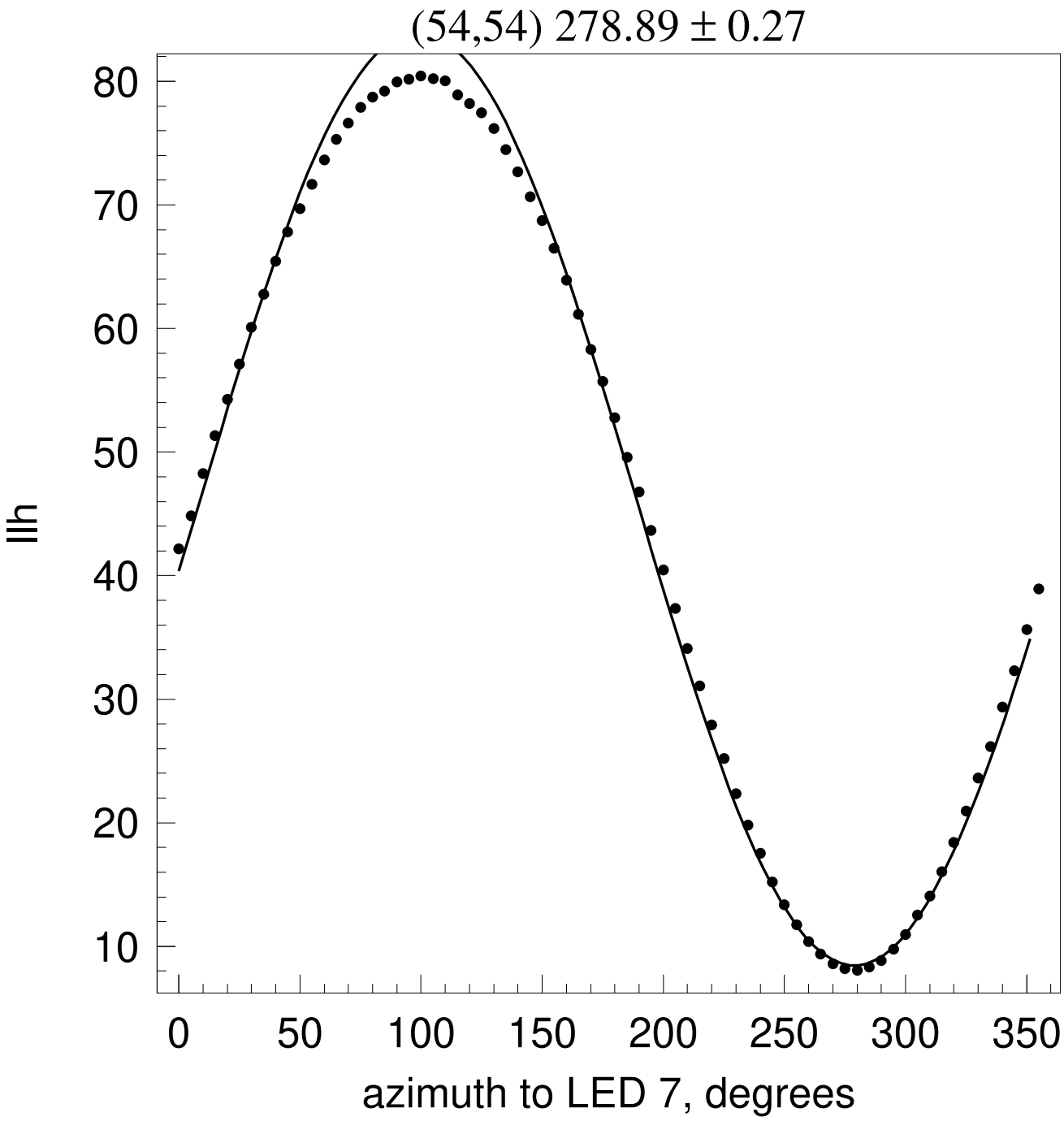

(54,49) 275.35 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

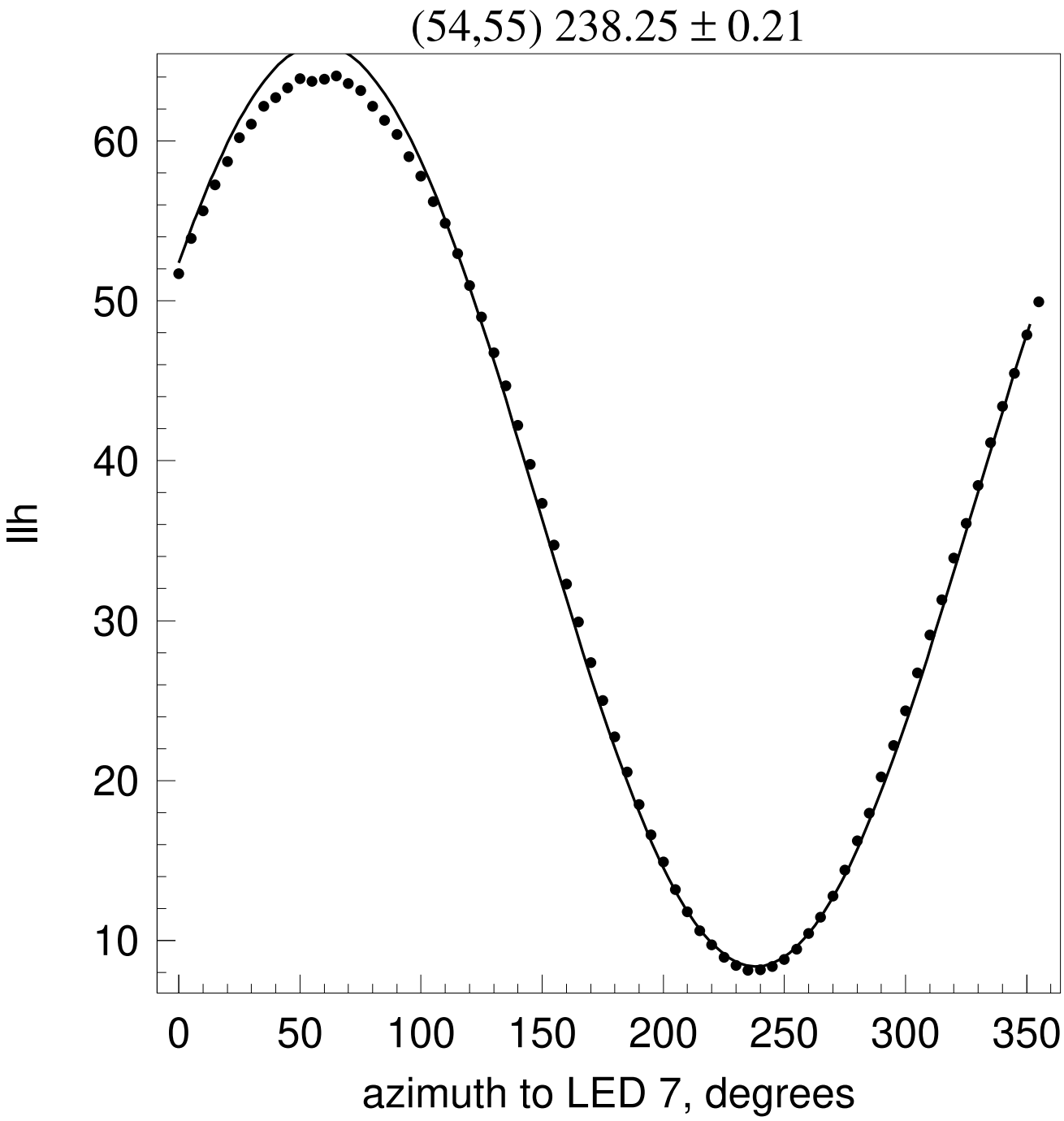

(54,50) 230.64 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

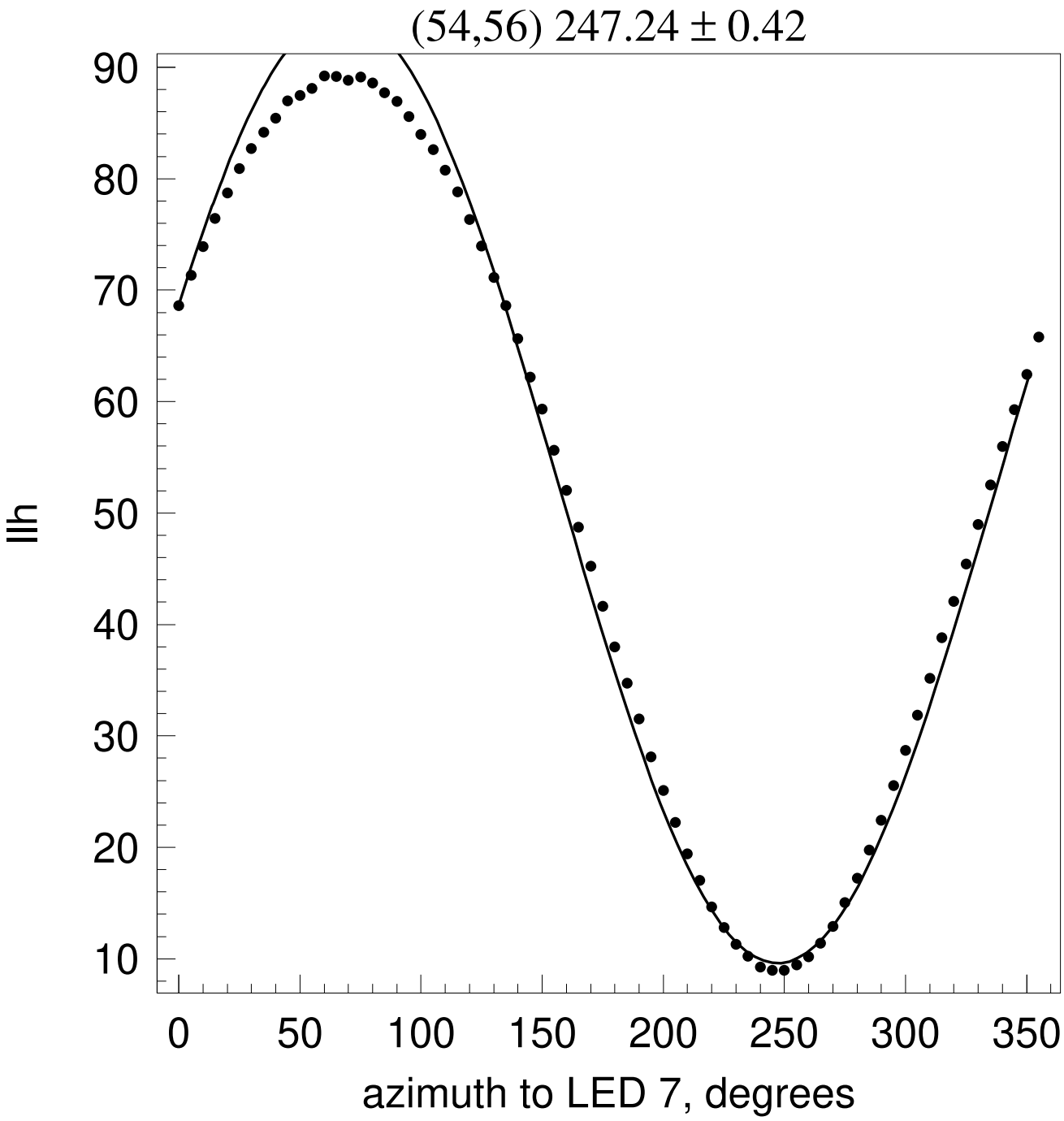

(54,51) 195.85 ± 0.63
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

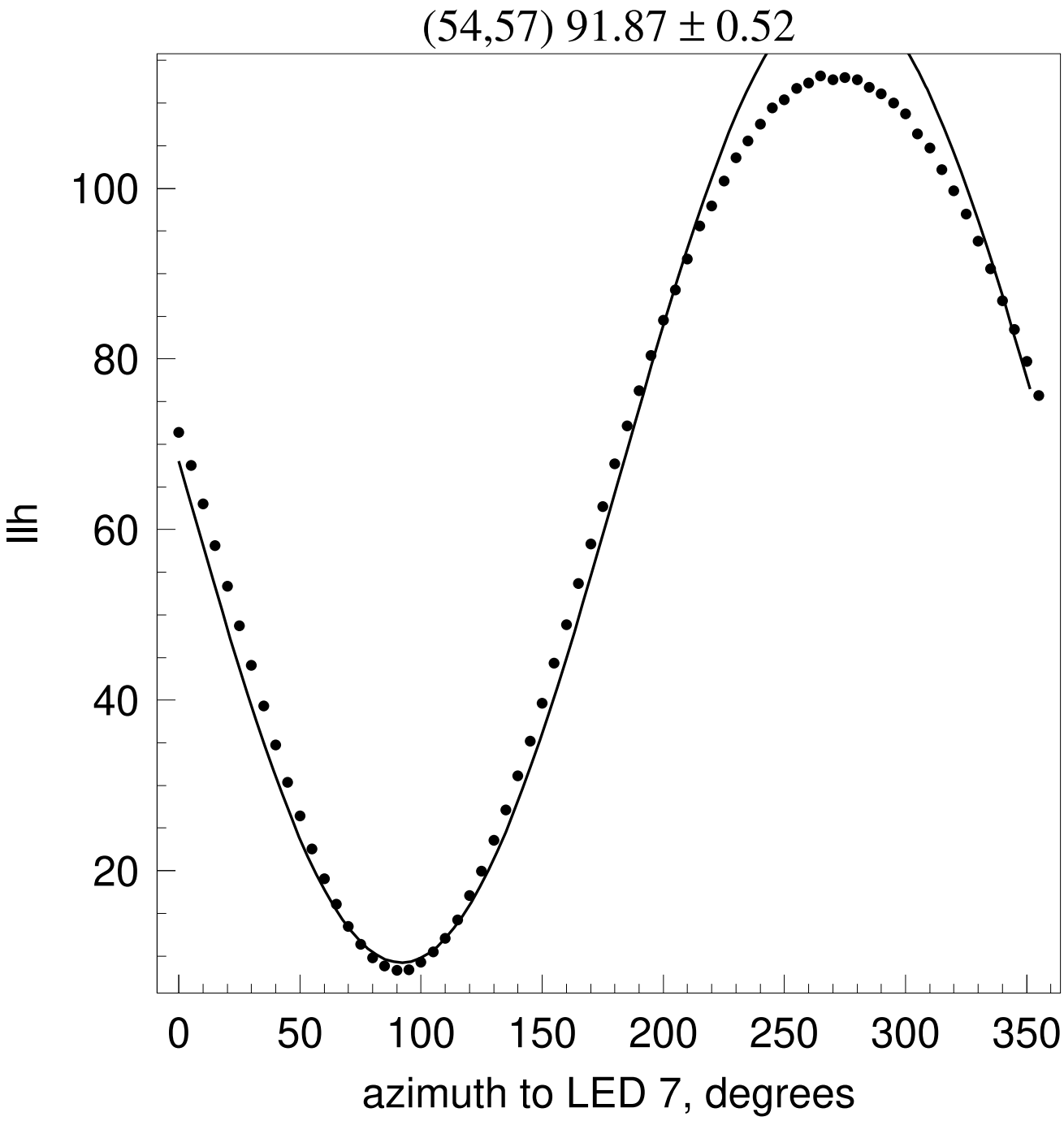

(54,52) 21.30 ± 0.65
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

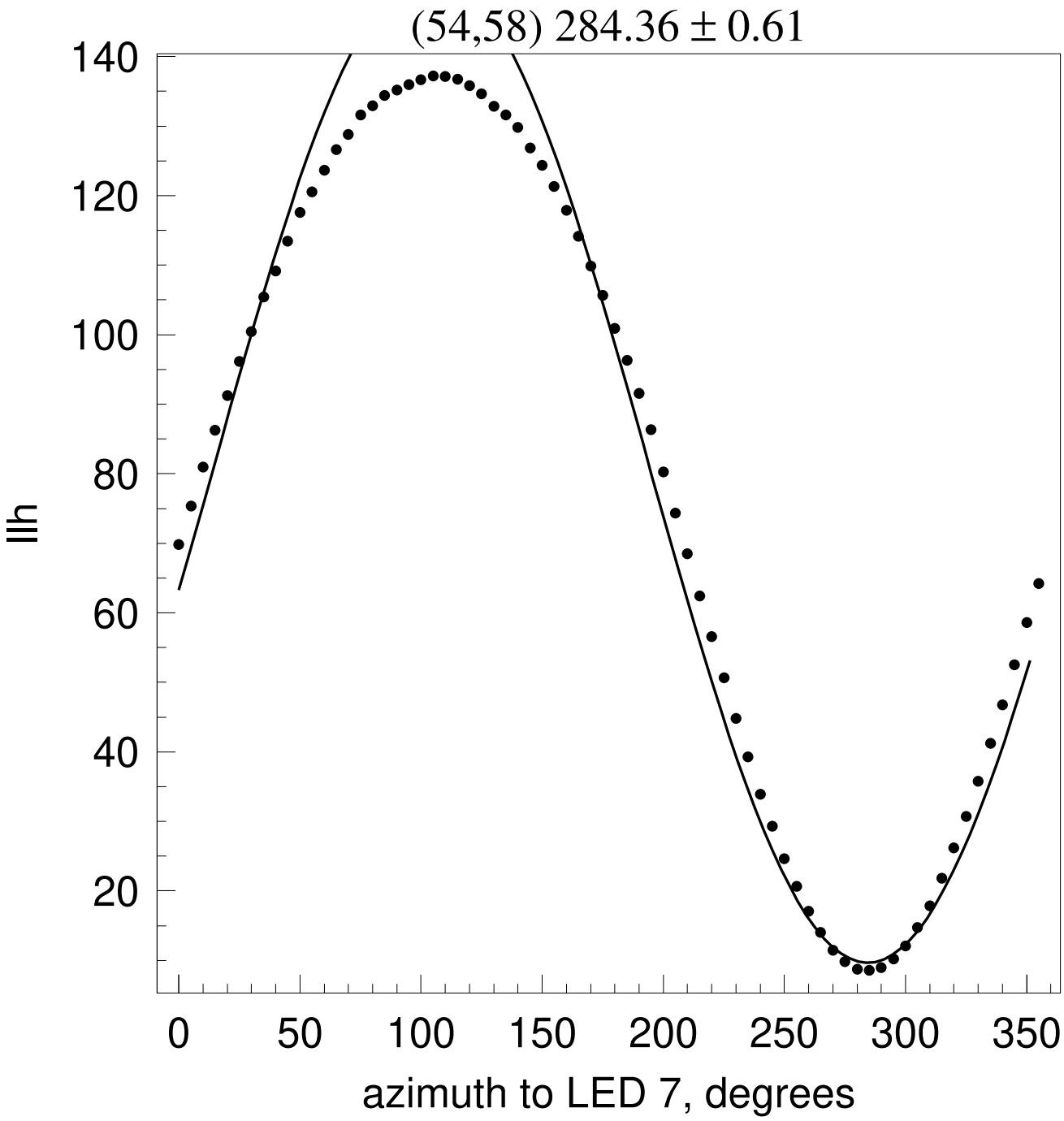

(54,53) 293.44 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

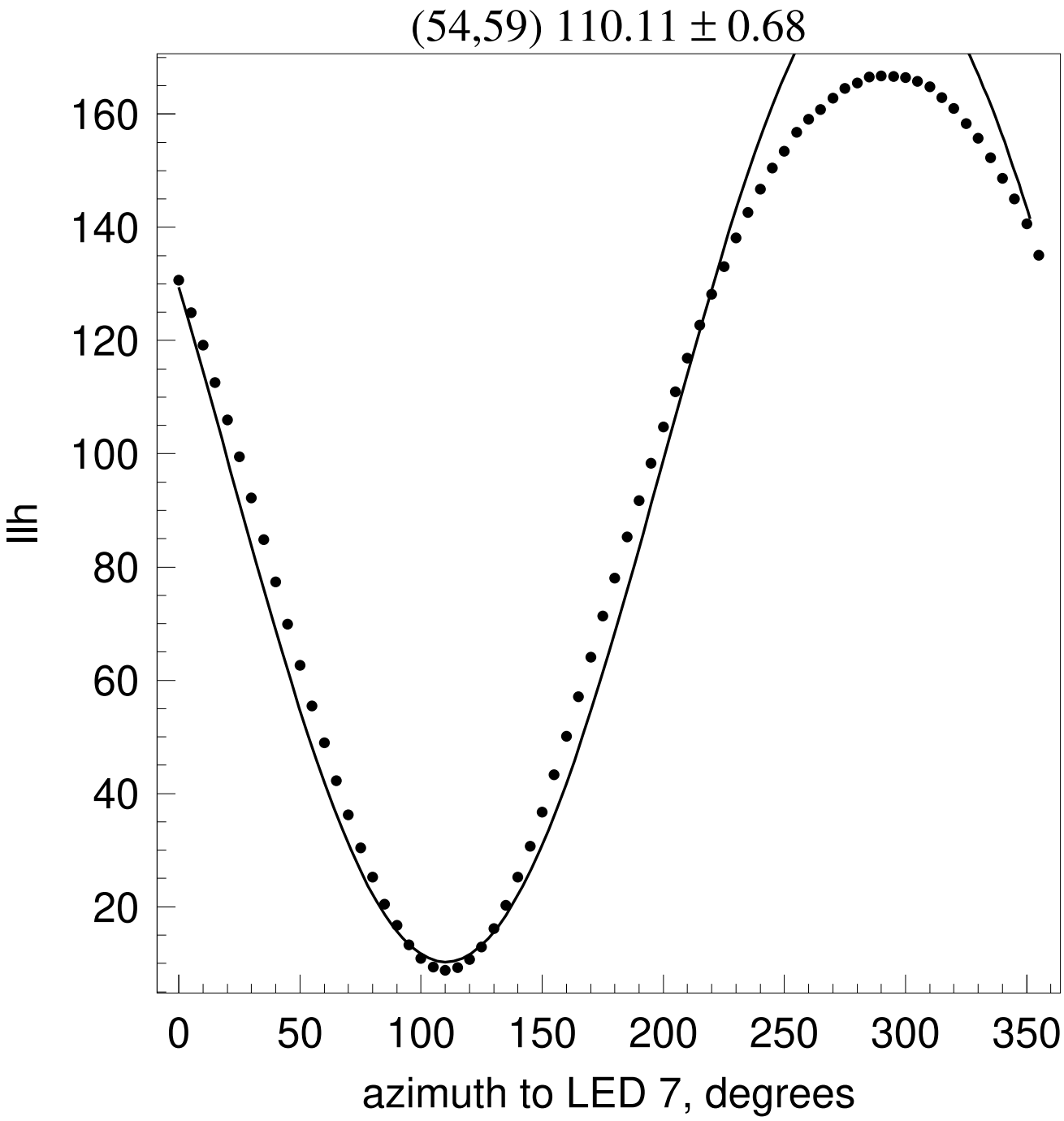

(54,54) 278.89 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

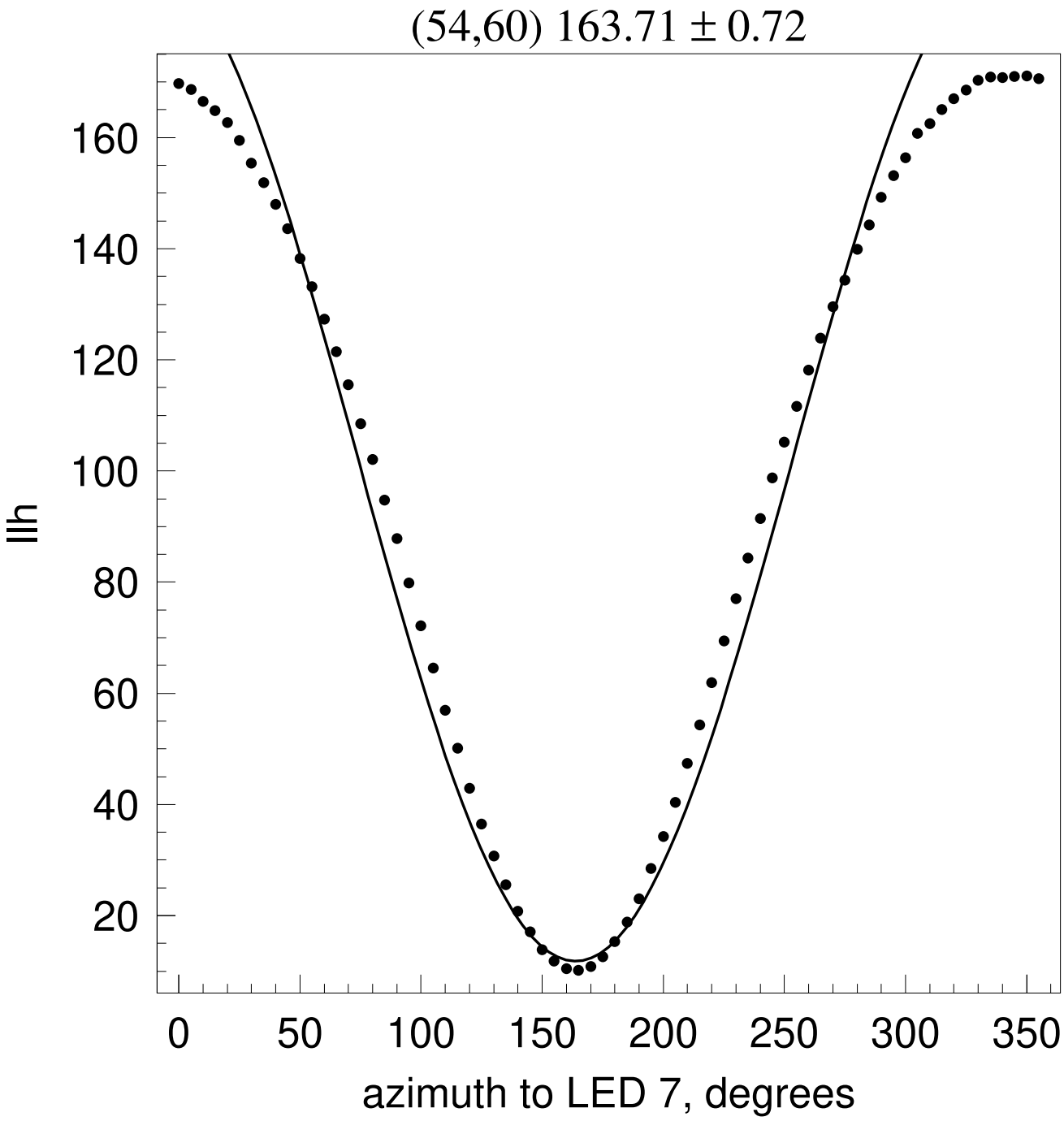

(54,55) 238.25 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

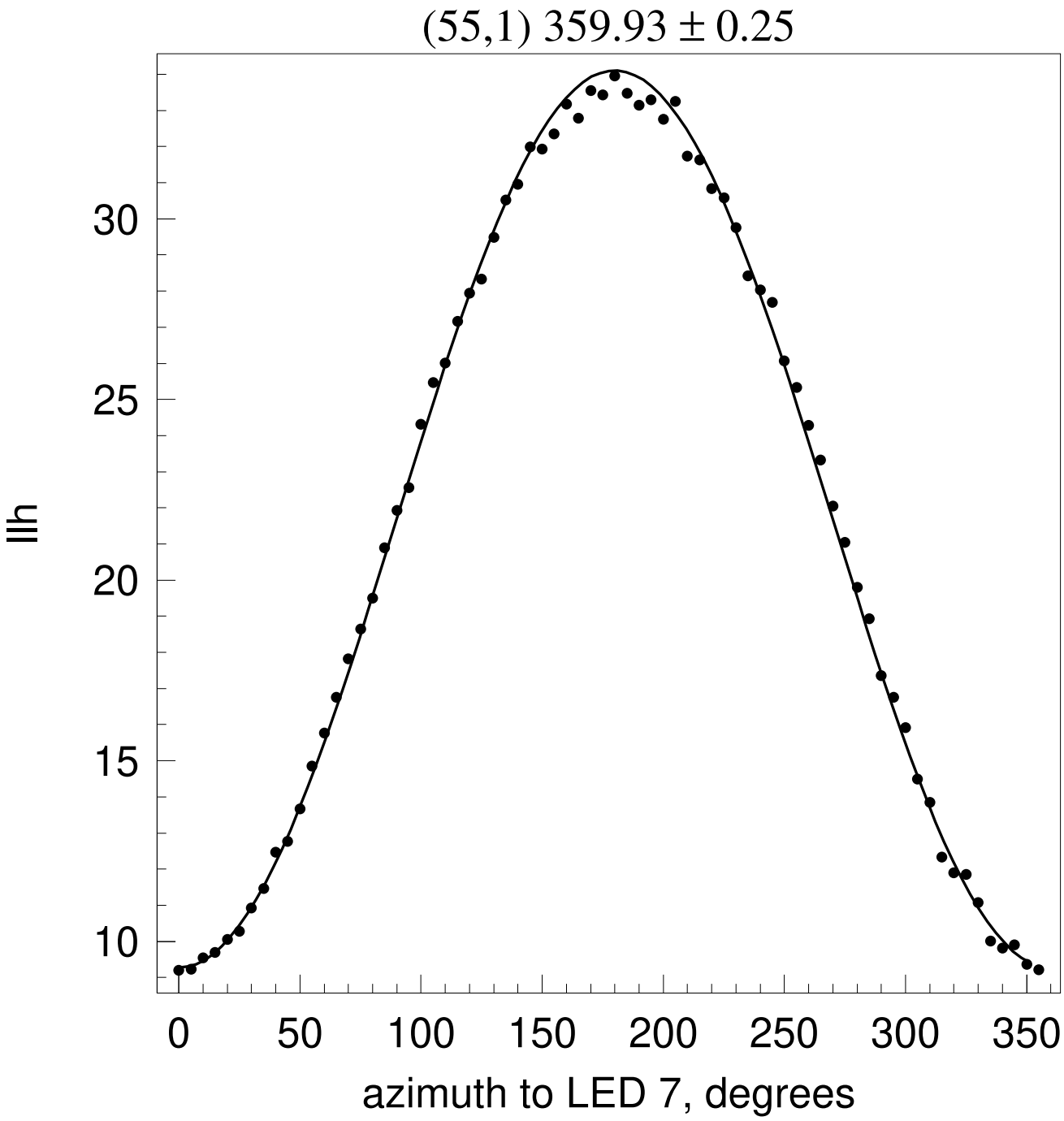

(54,56) 247.24 ± 0.42
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

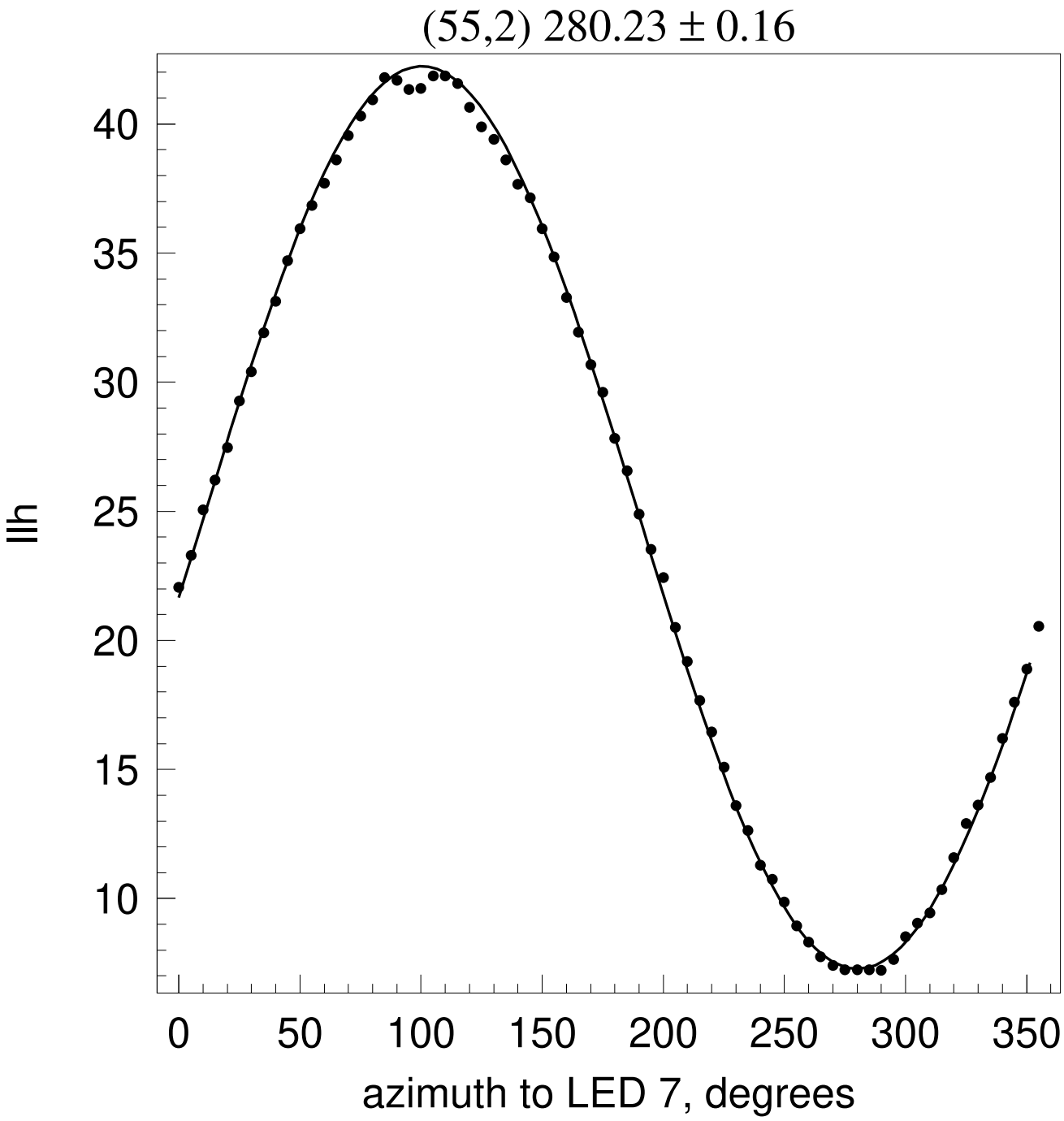

(54,57) 91.87 ± 0.52
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

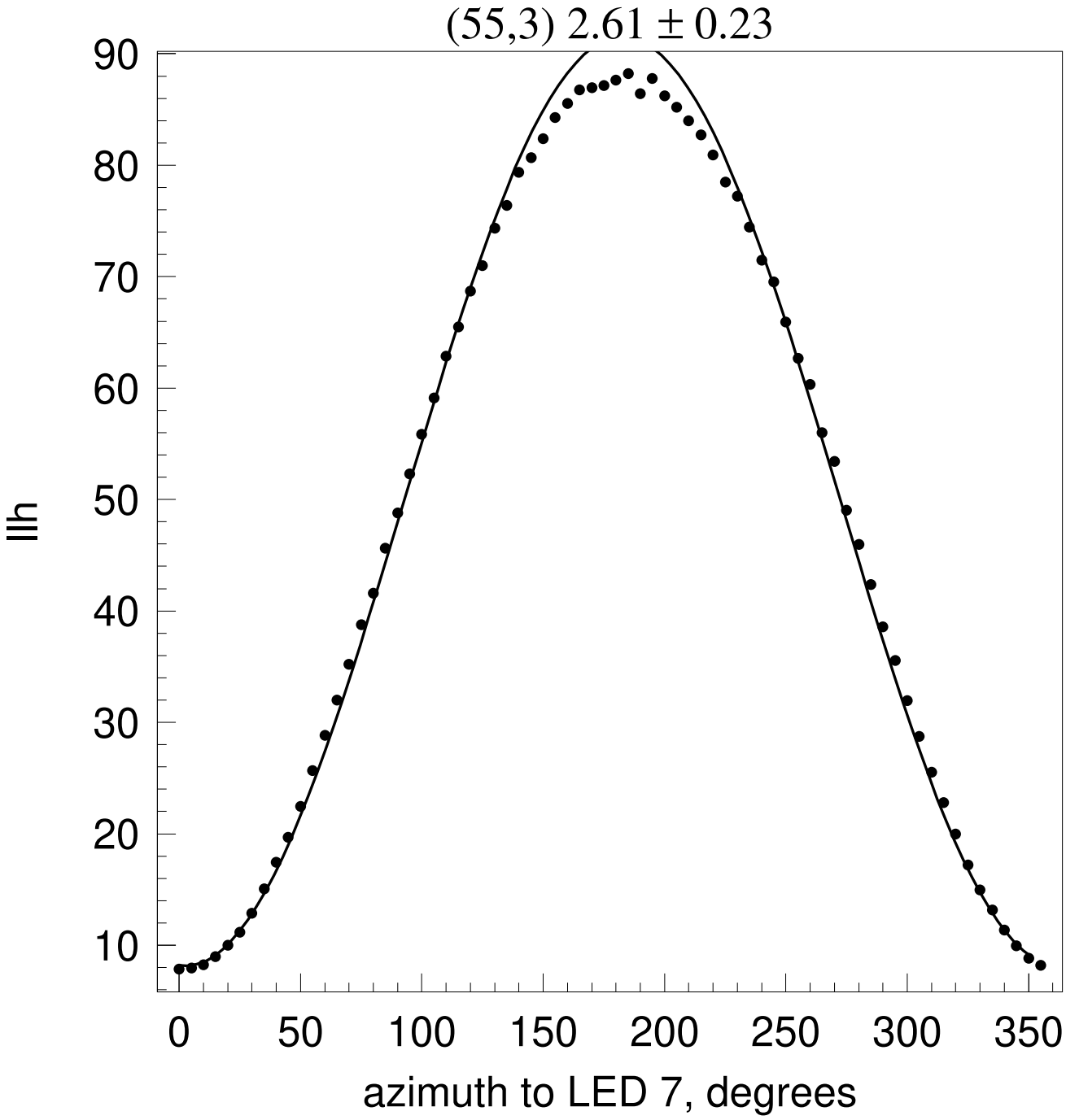

(54,58) 284.36 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

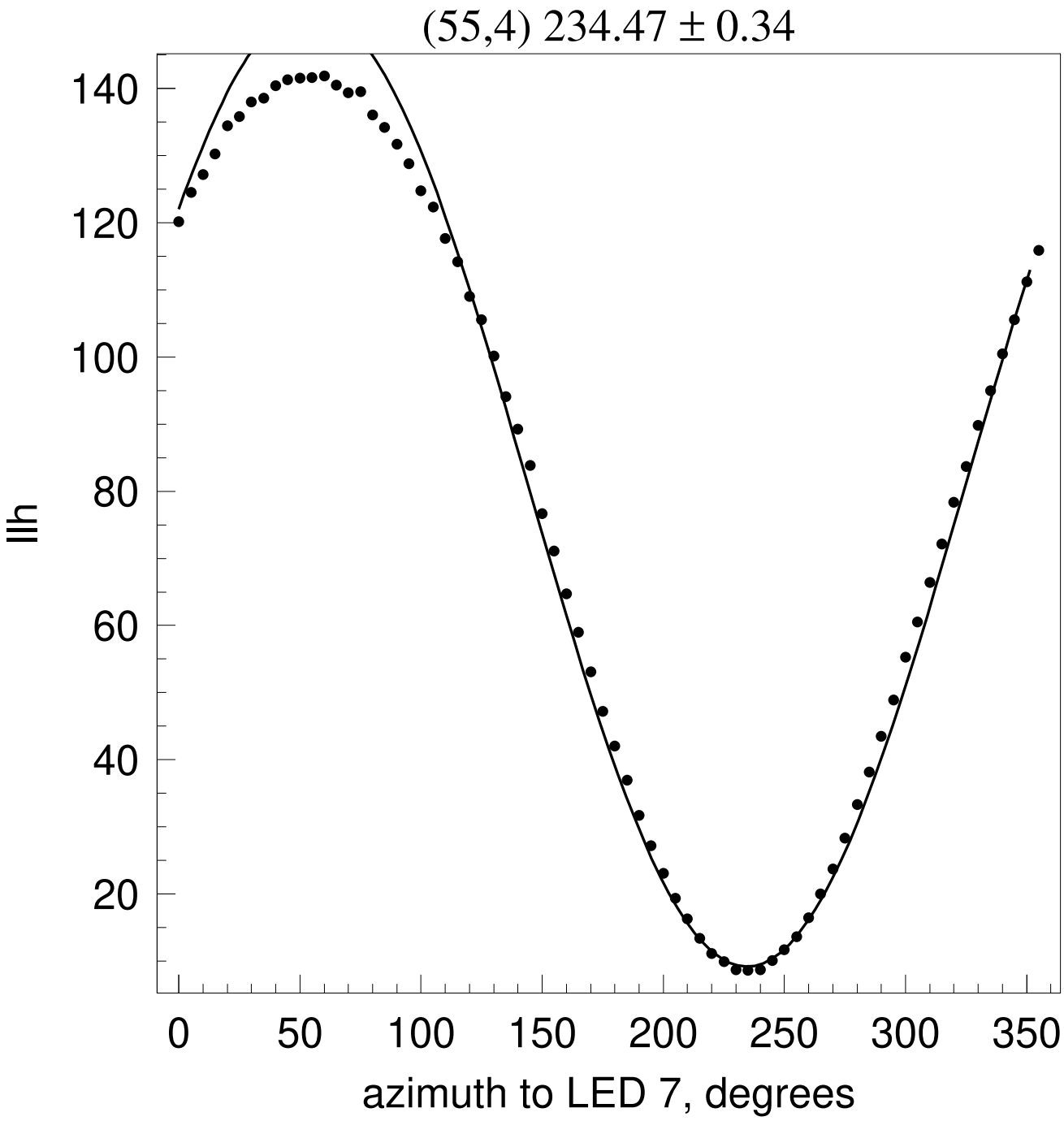

(54,59) 110.11 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

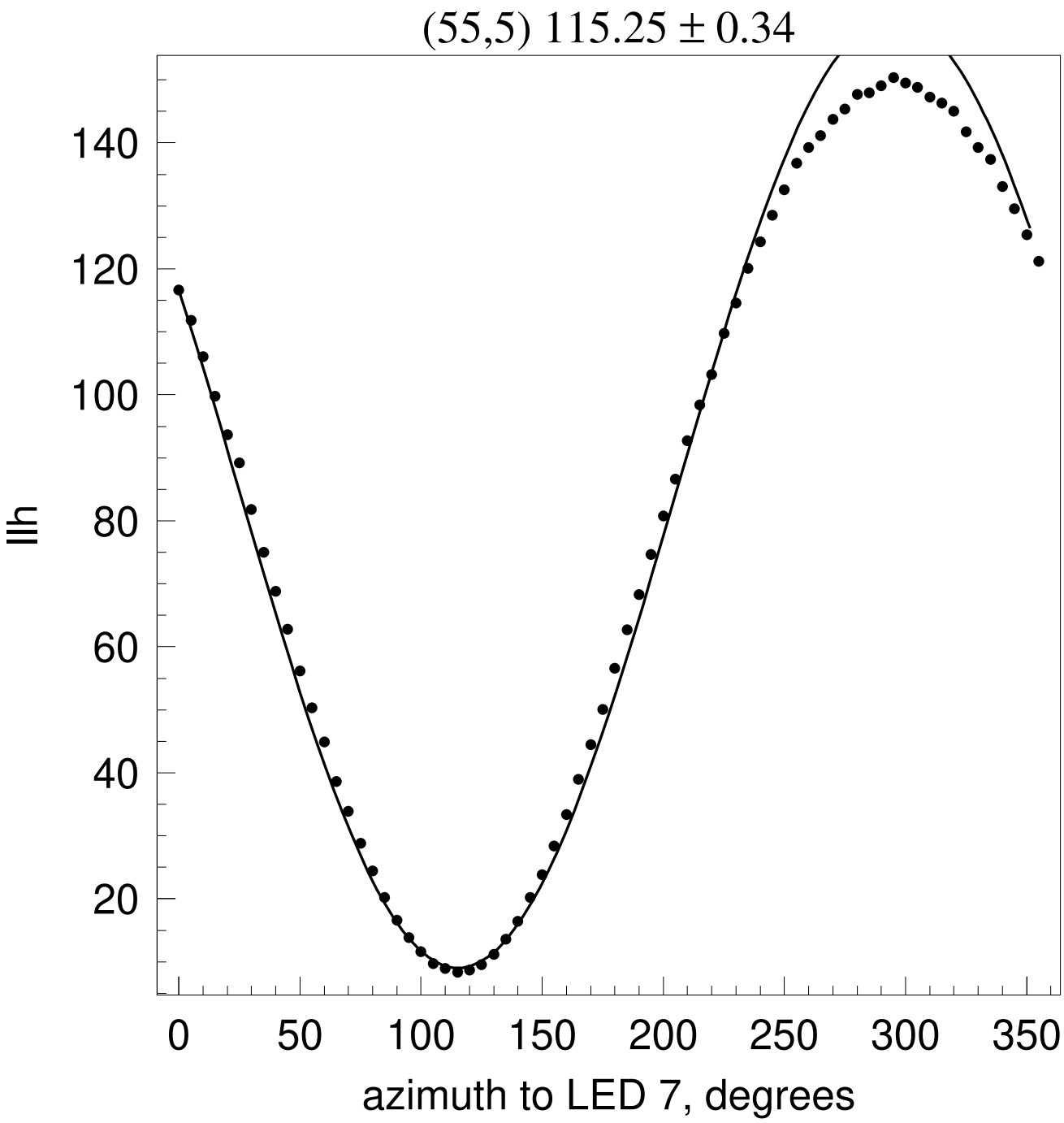

(54,60) 163.71 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

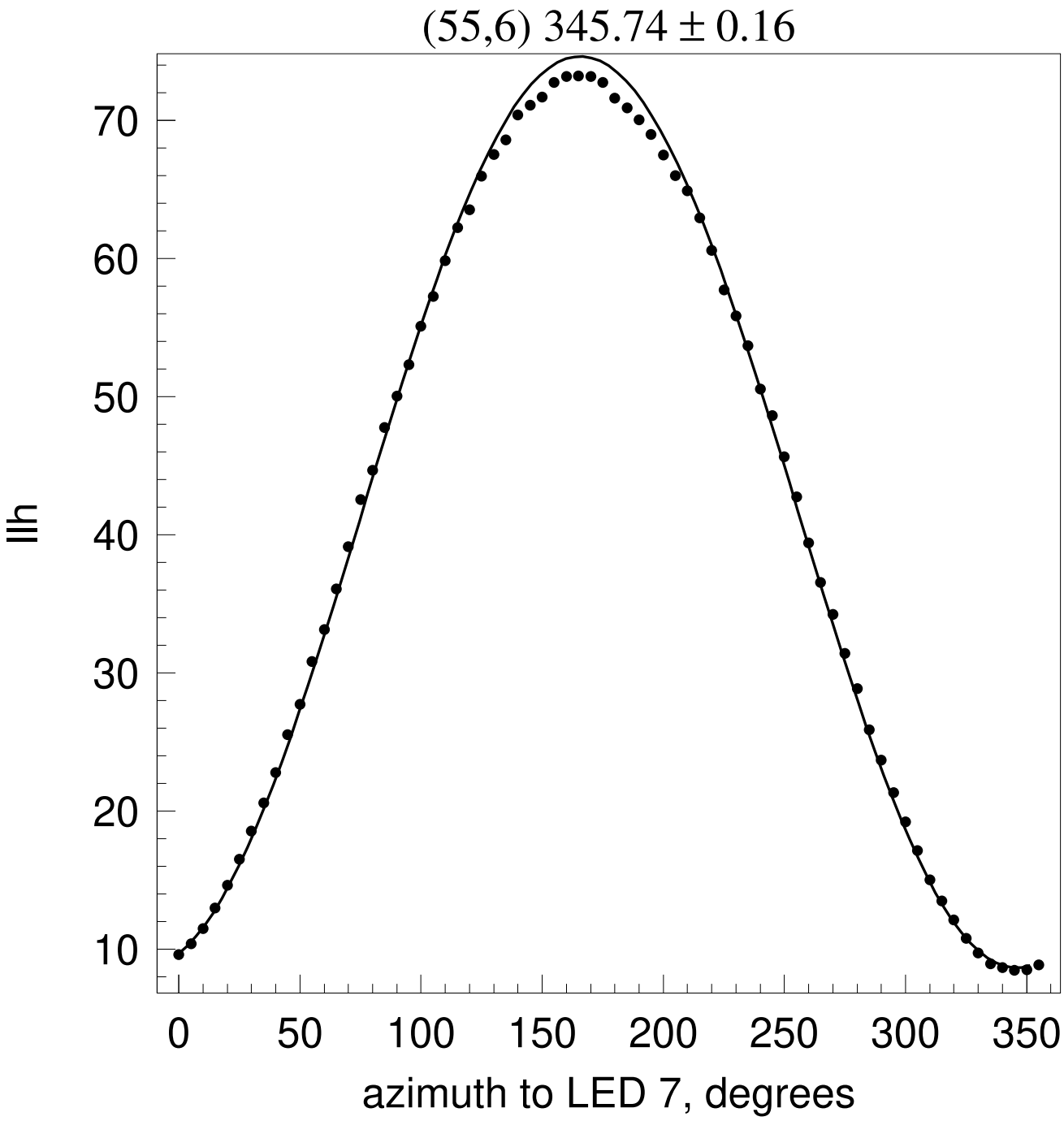

(55,1) 359.93 ± 0.25
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

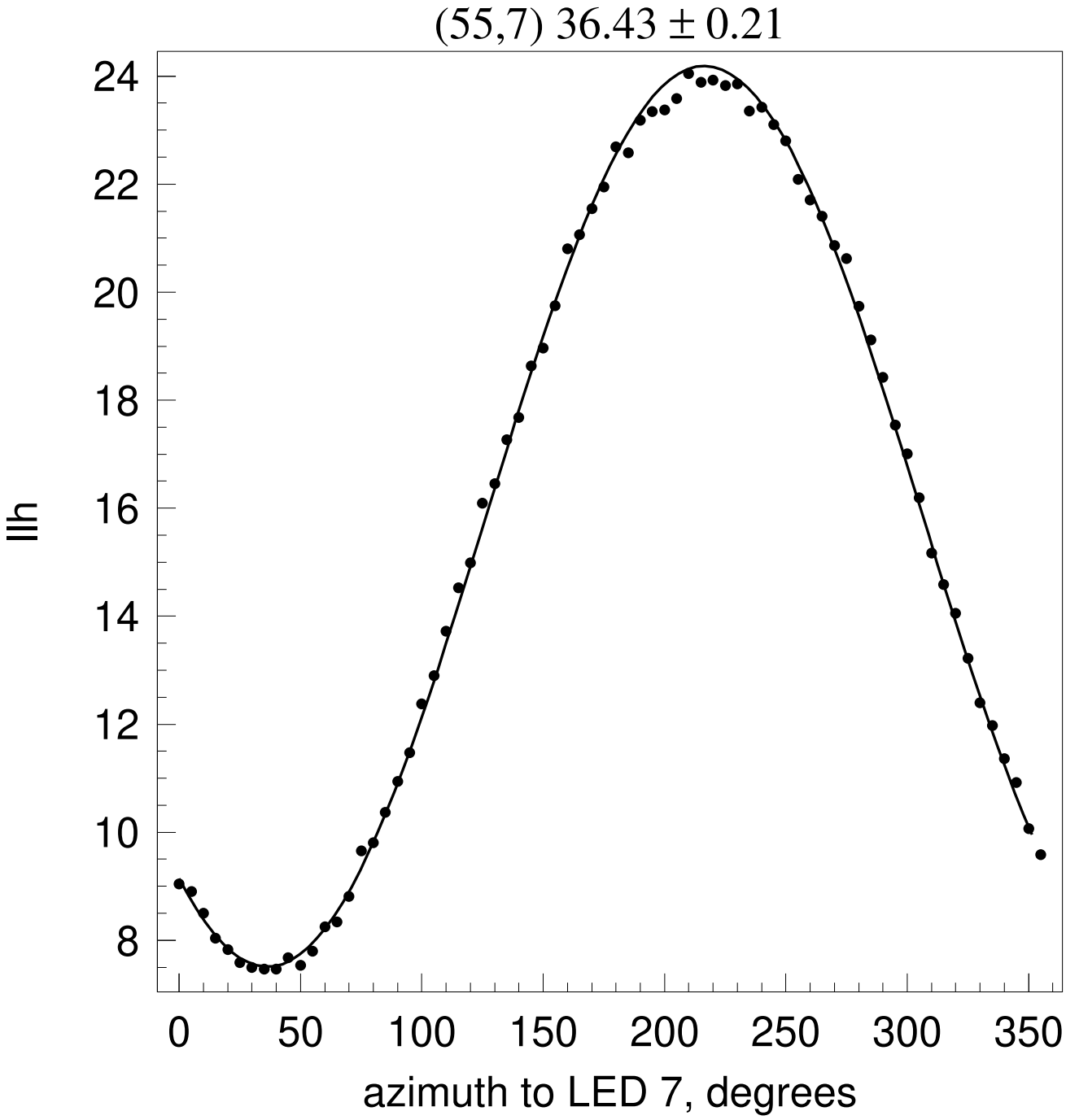

(55,2) 280.23 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

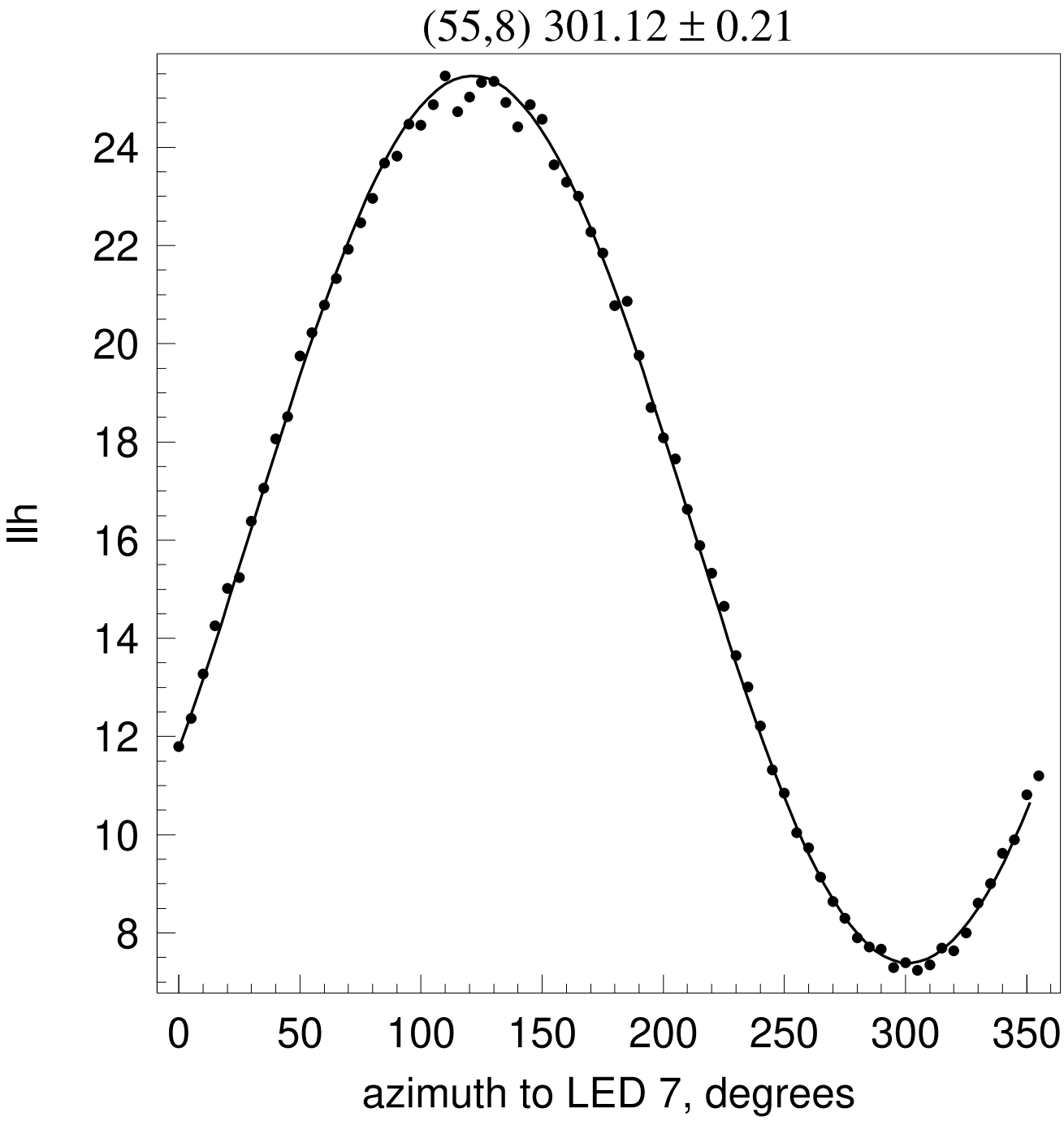

(55,3) 2.61 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

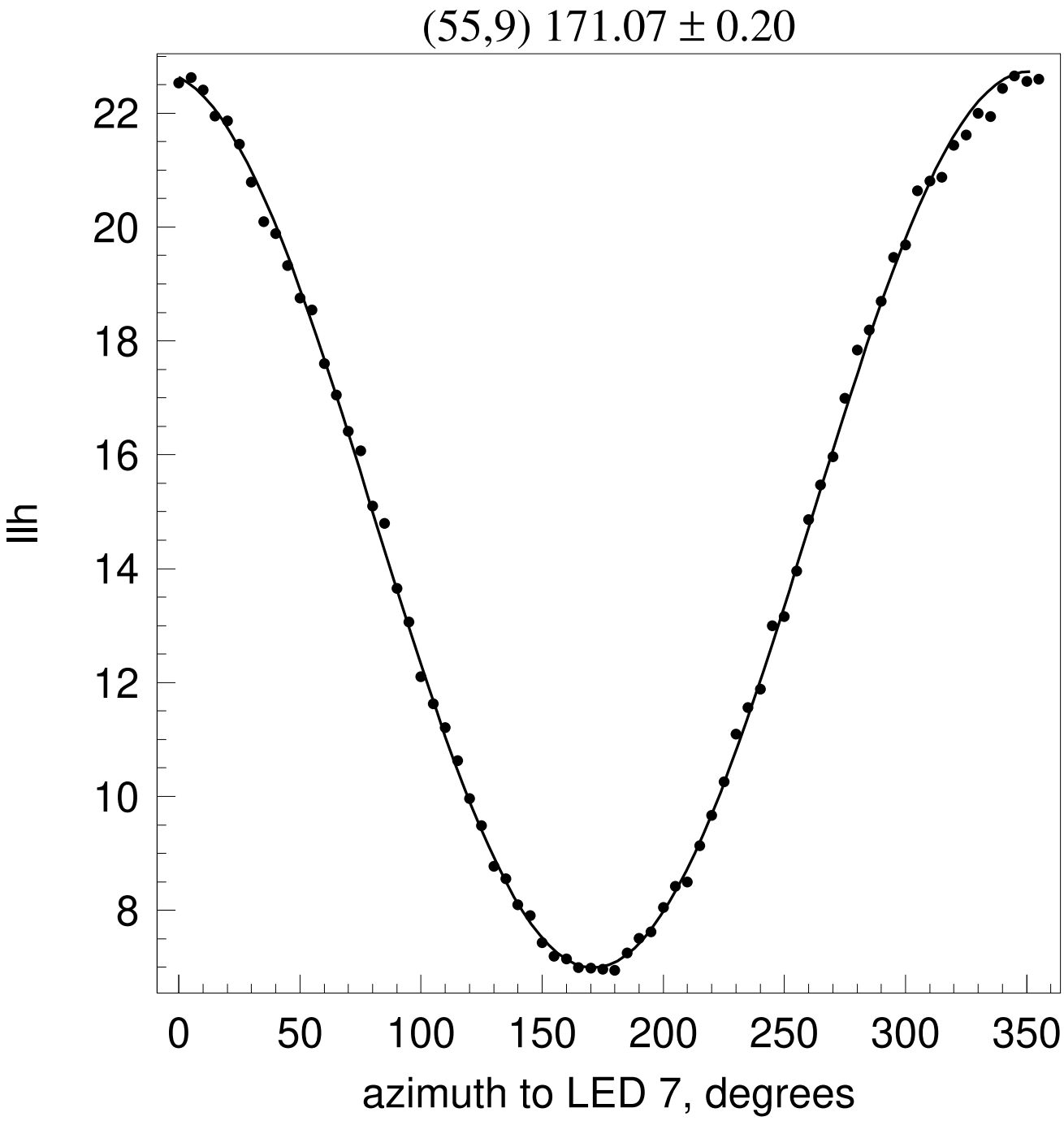

(55,4) 234.47 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

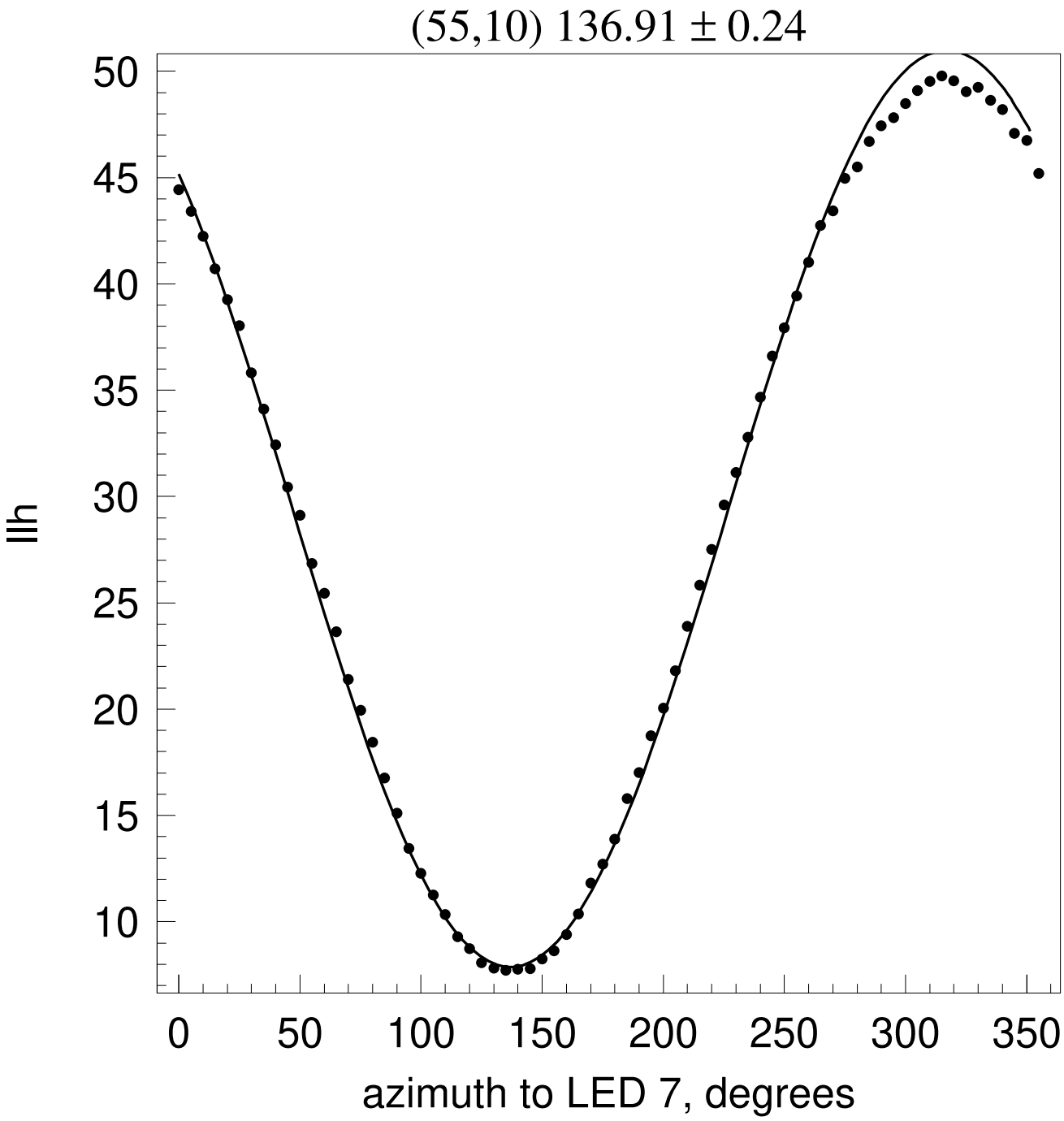

(55,5) 115.25 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

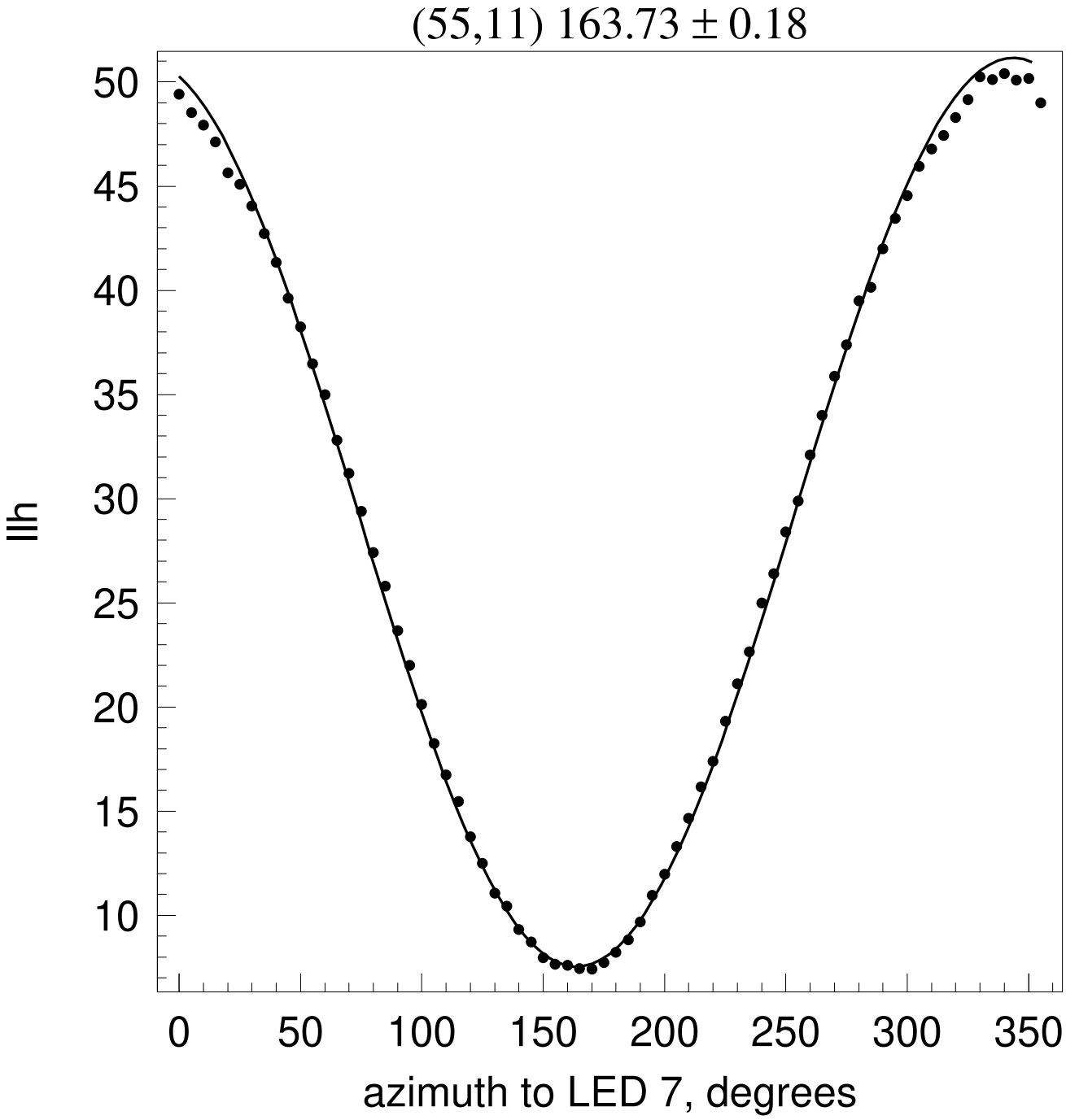

(55,6) 345.74 ± 0.16
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

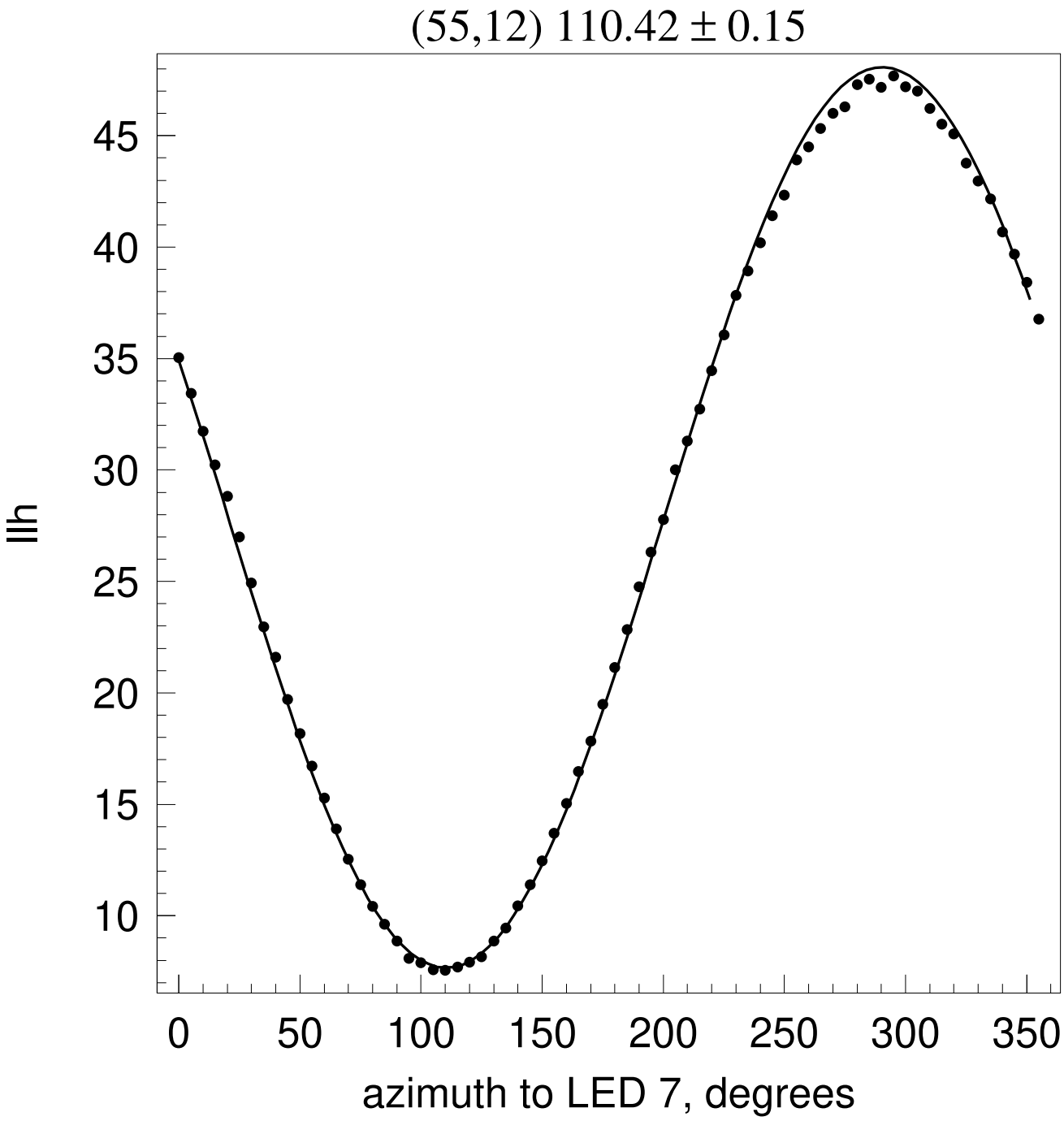

(55,7) 36.43 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

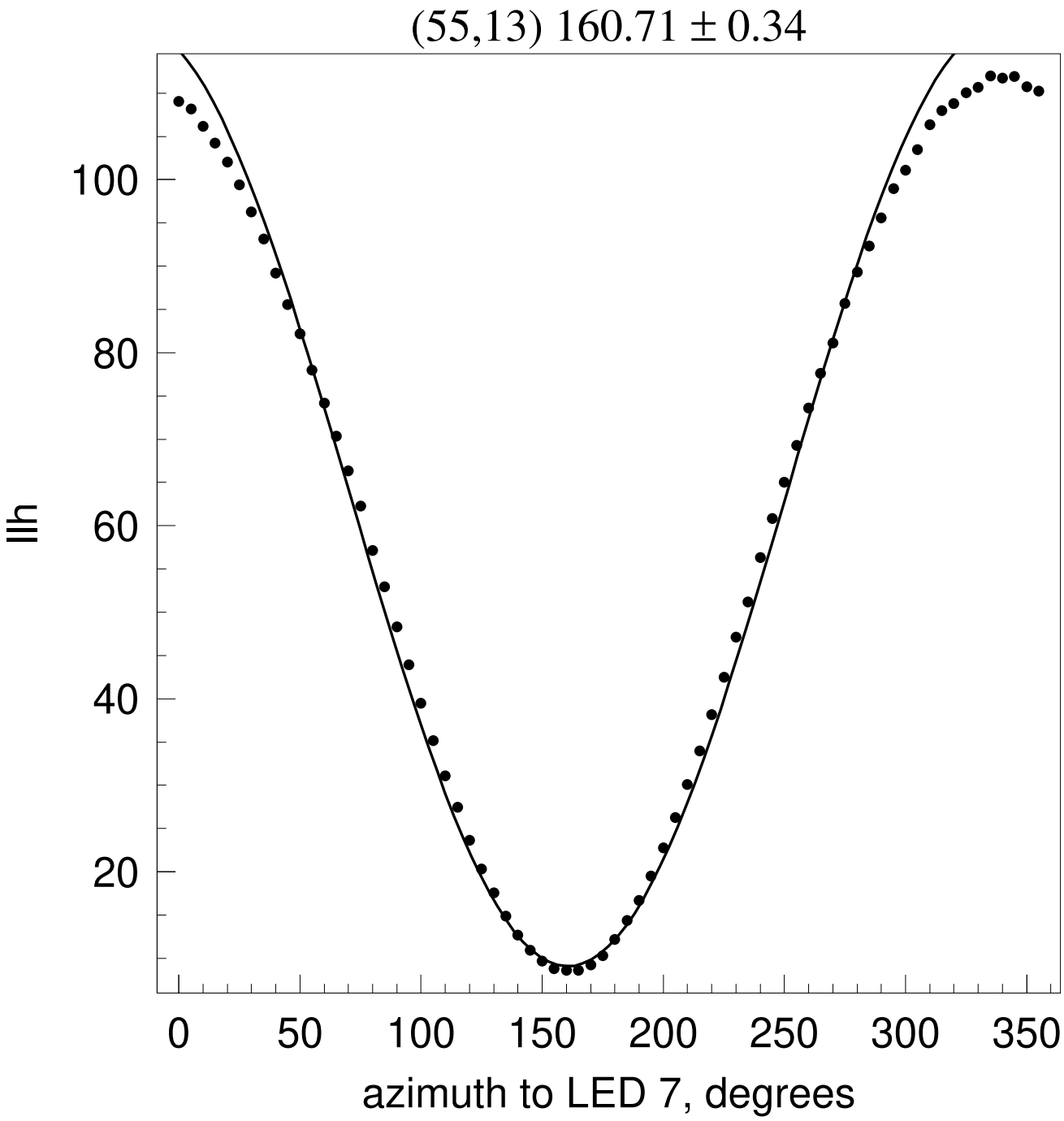

(55,8) 301.12 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

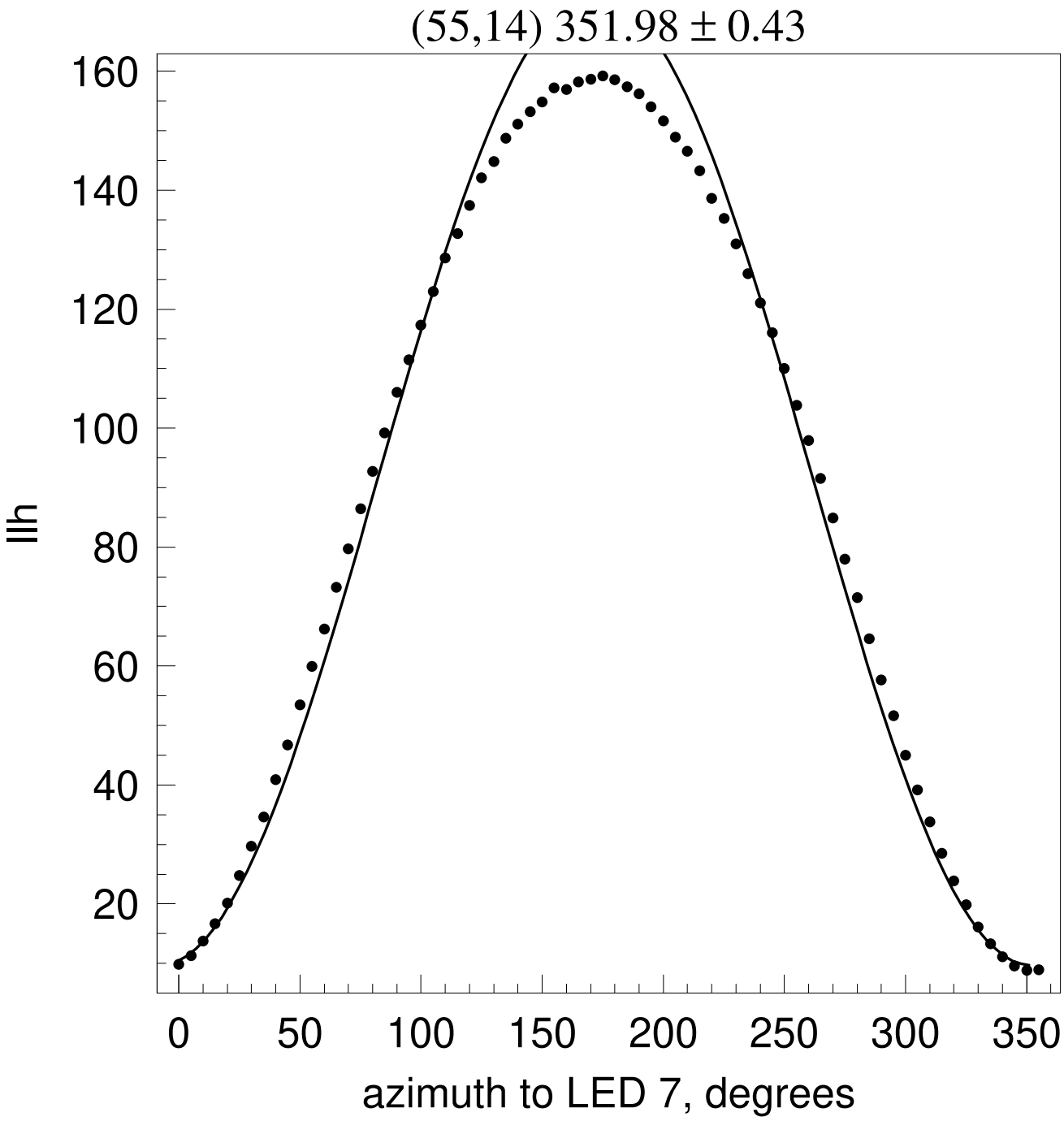

(55,9) 171.07 ± 0.20
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

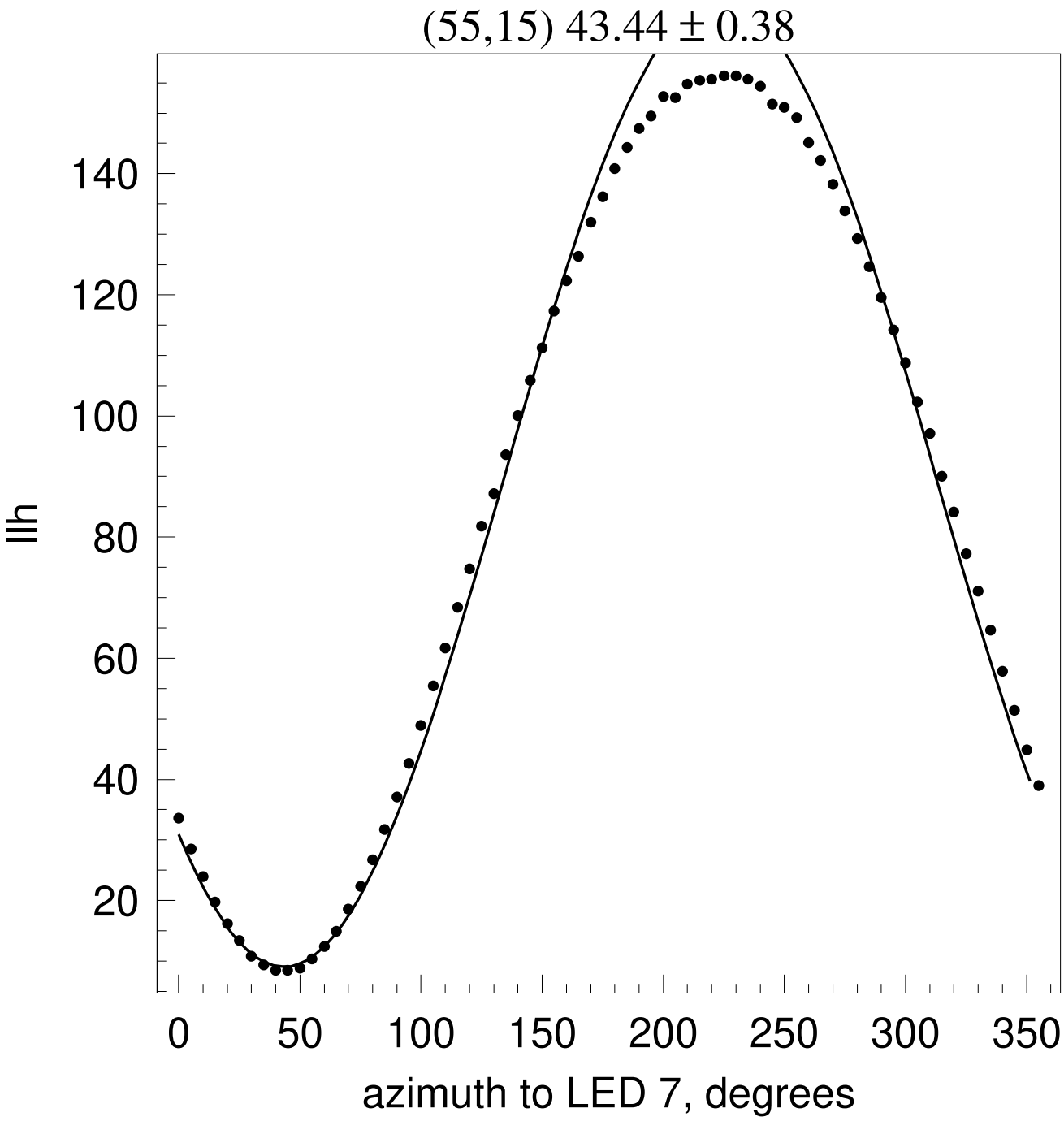

(55,10) 136.91 ± 0.24
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

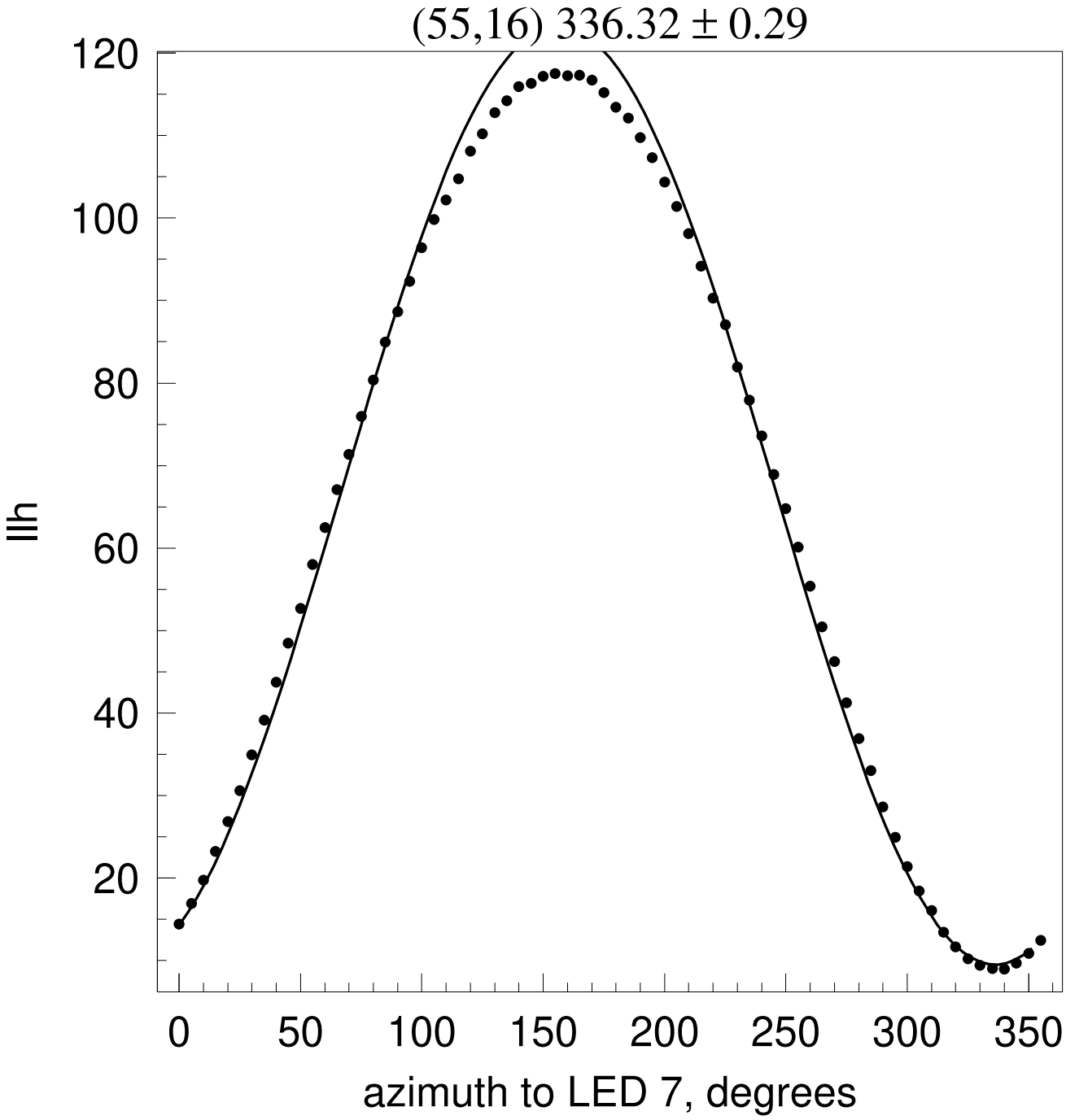

(55,11) 163.73 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

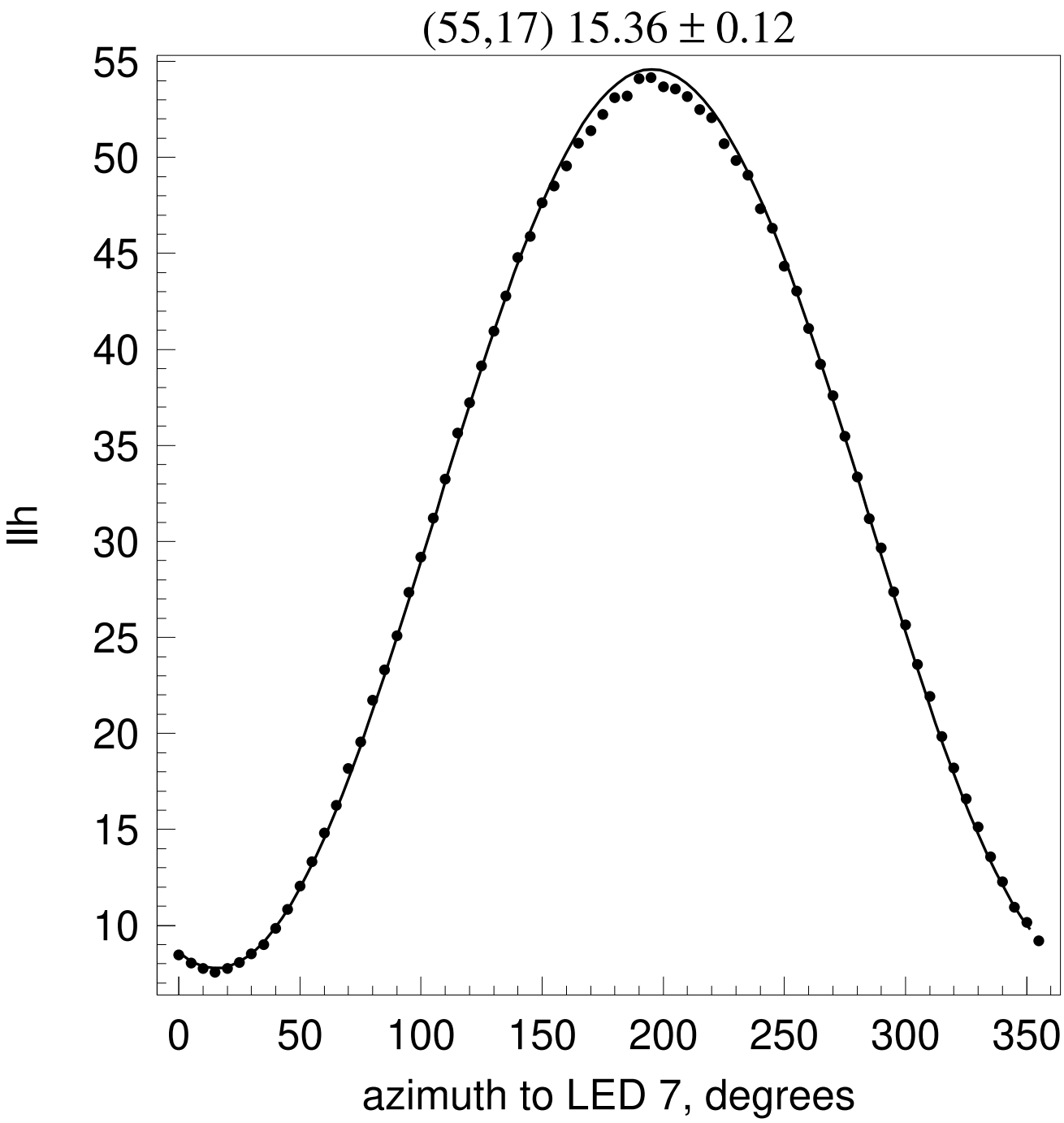

(55,12) 110.42 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

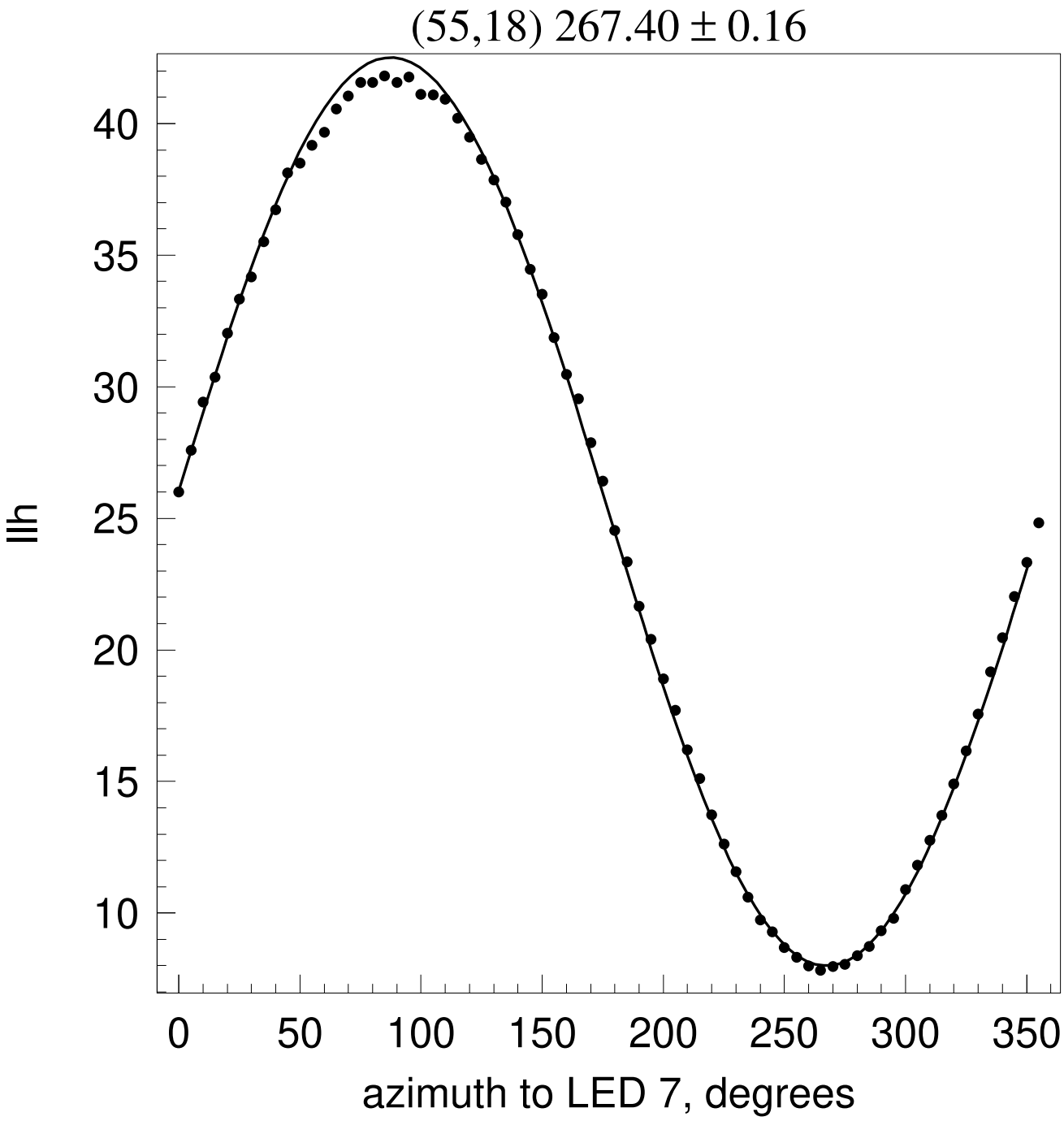

(55,13) 160.71 ± 0.34
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

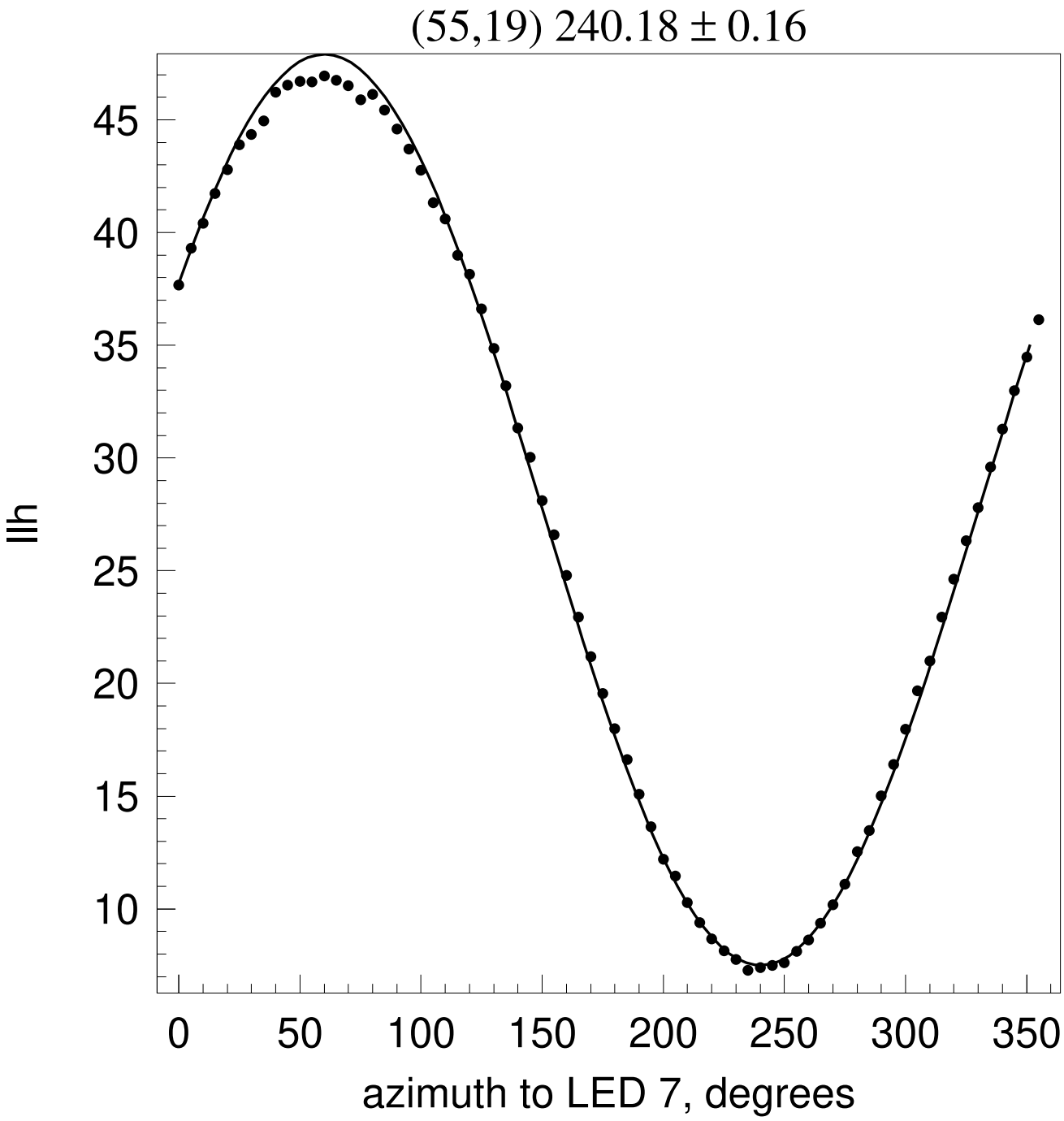

(55,14) 351.98 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

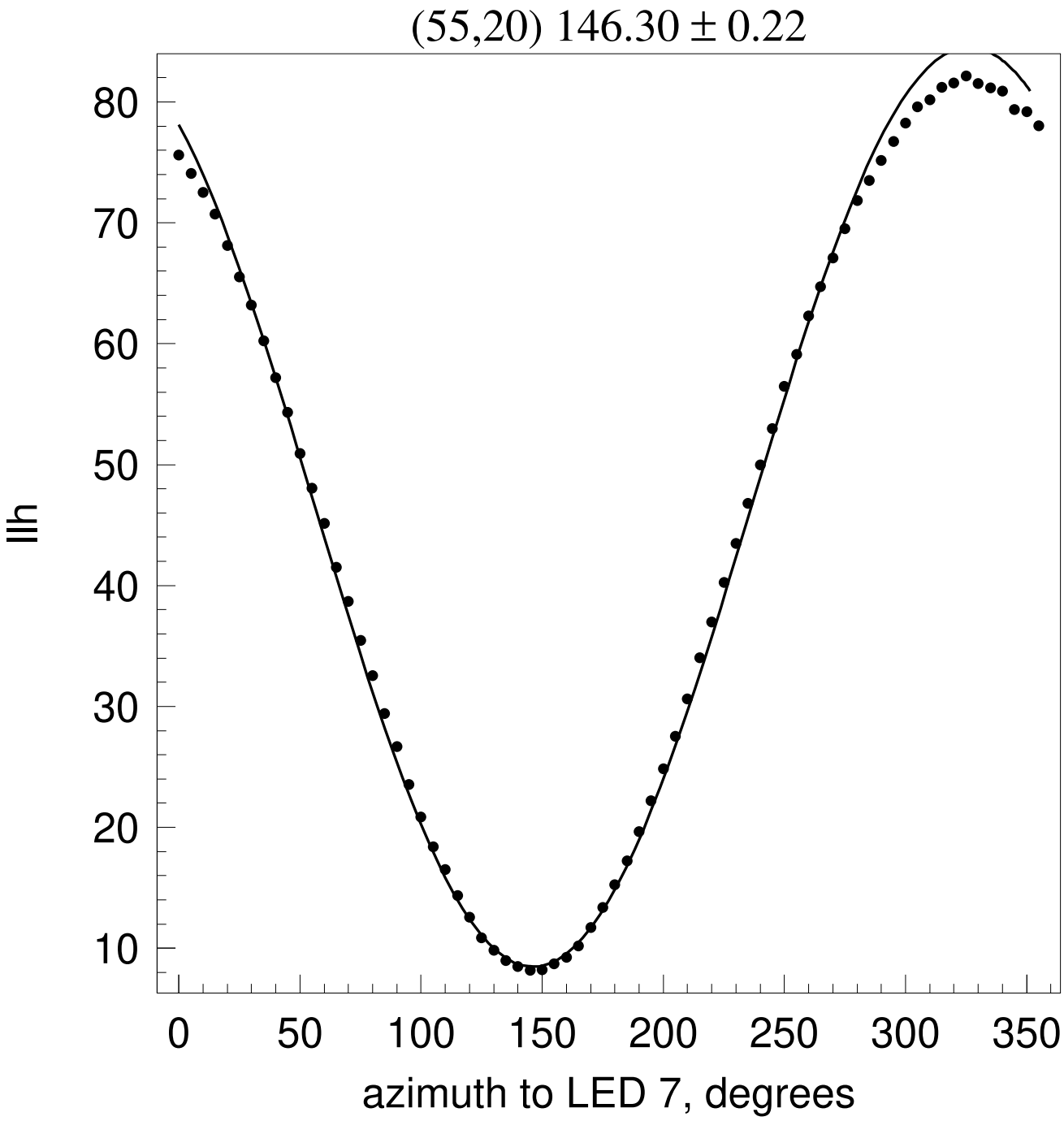

(55,15) 43.44 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

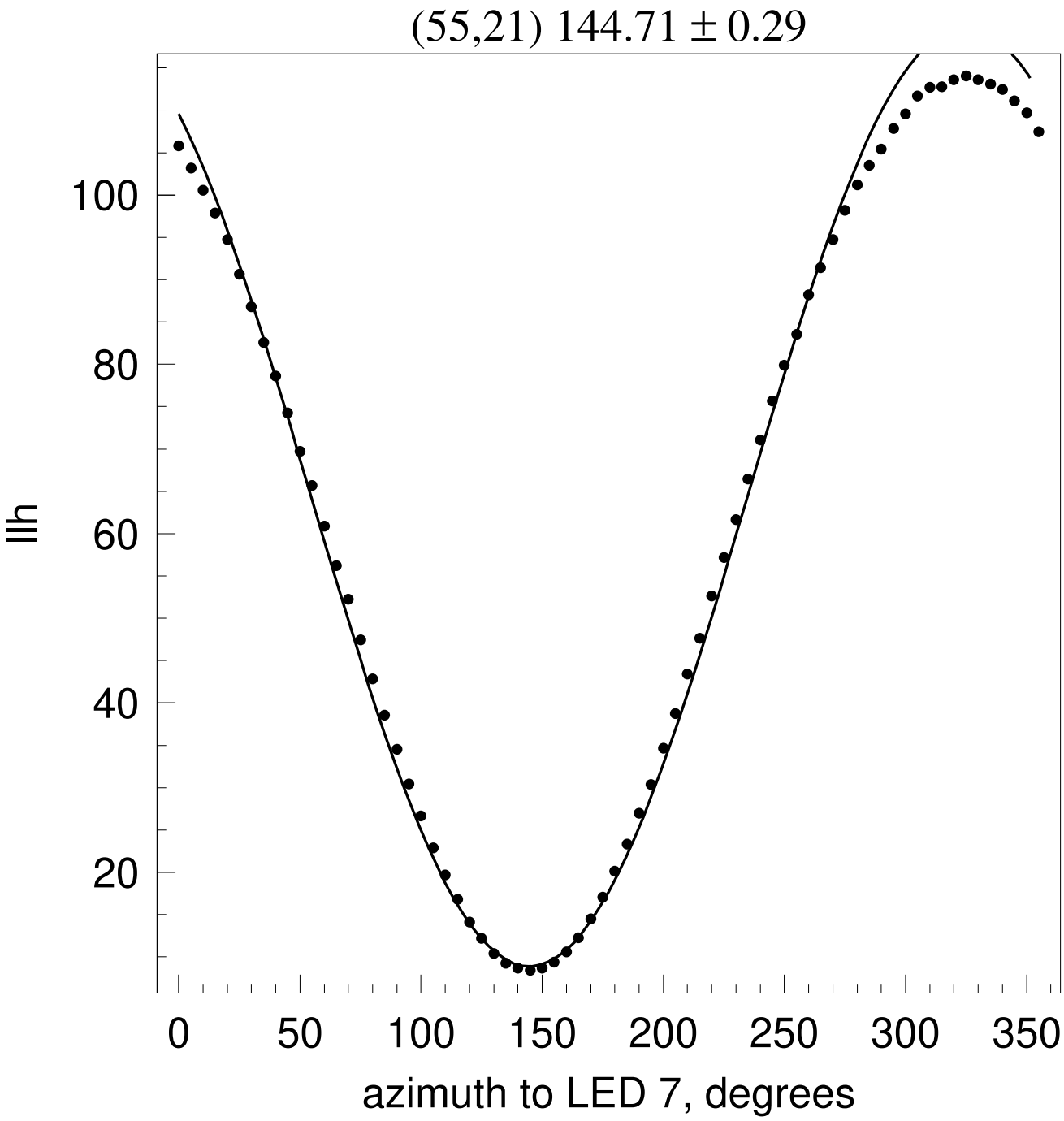

(55,16) 336.32 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

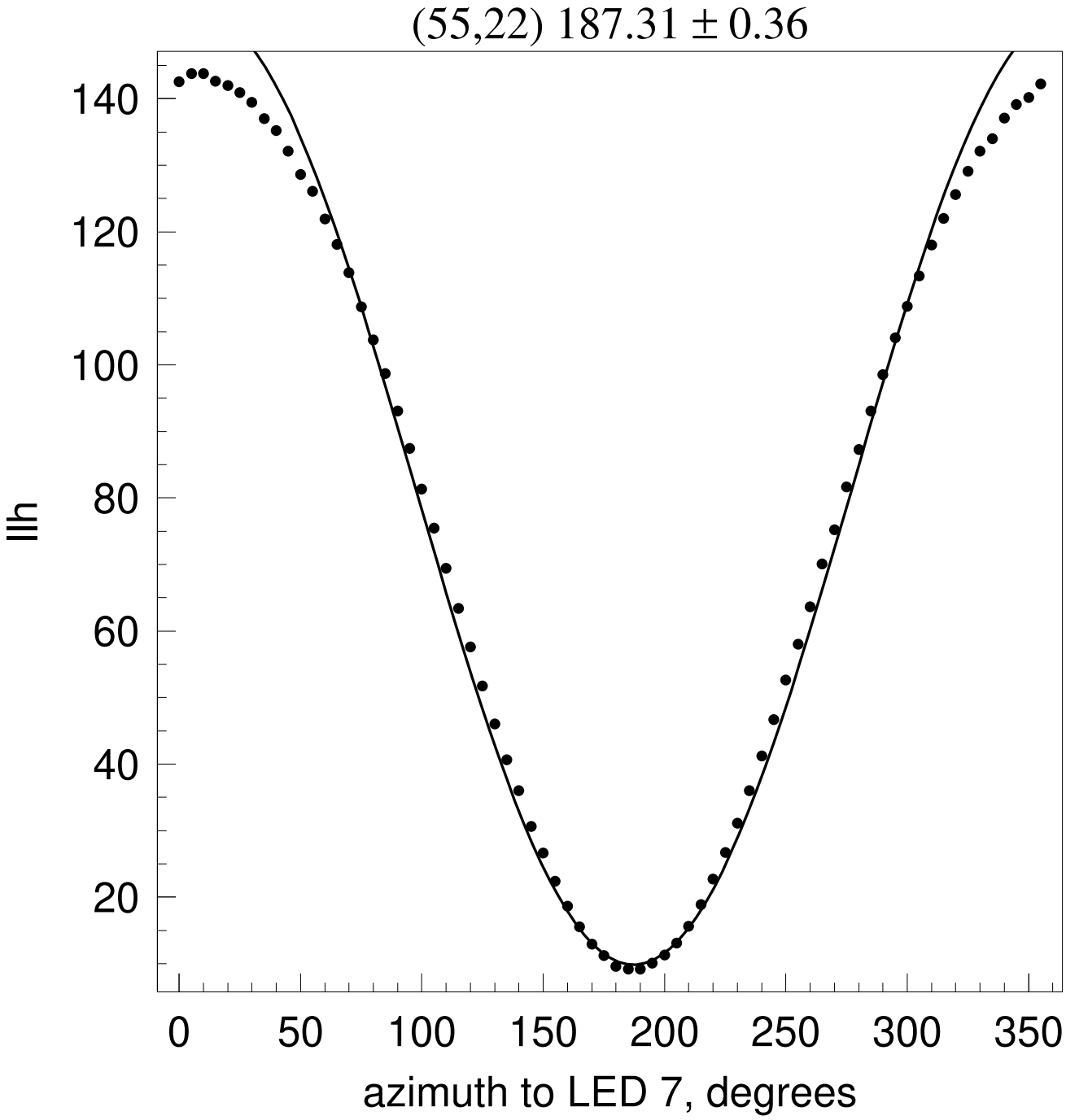

(55,17) 15.36 ± 0.12
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

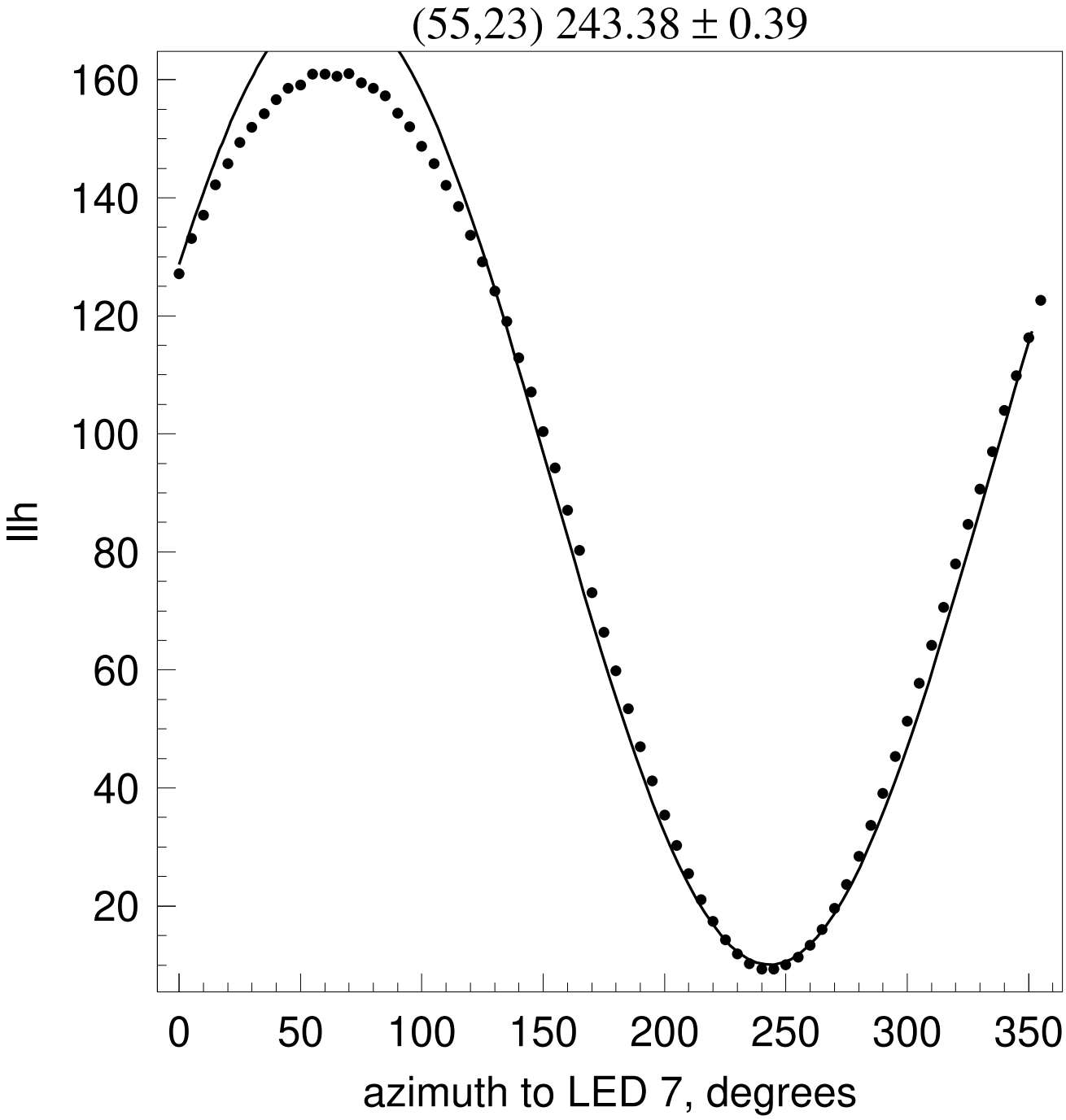

(55,18) 267.40 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

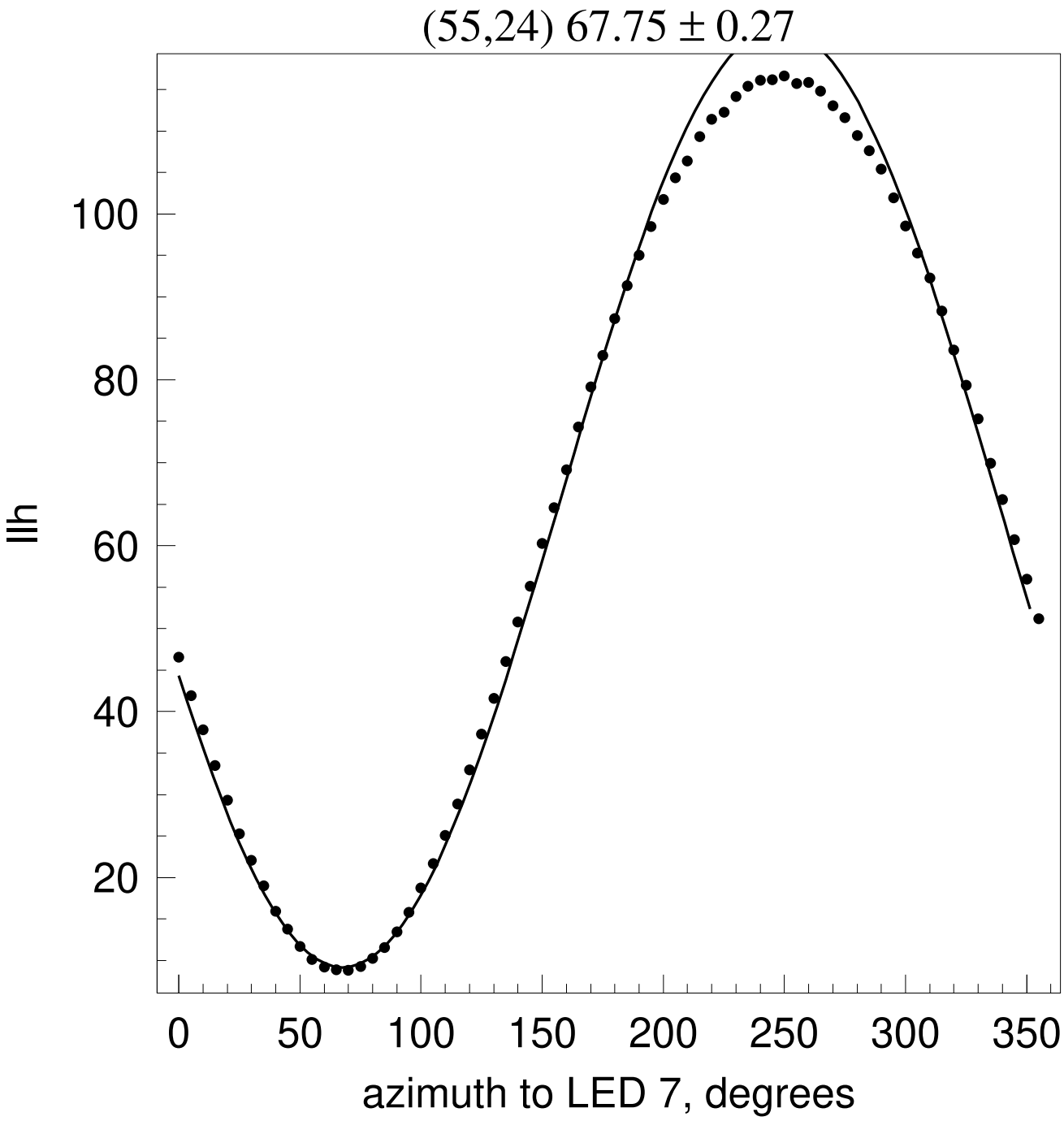

(55,19) 240.18 ± 0.16
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

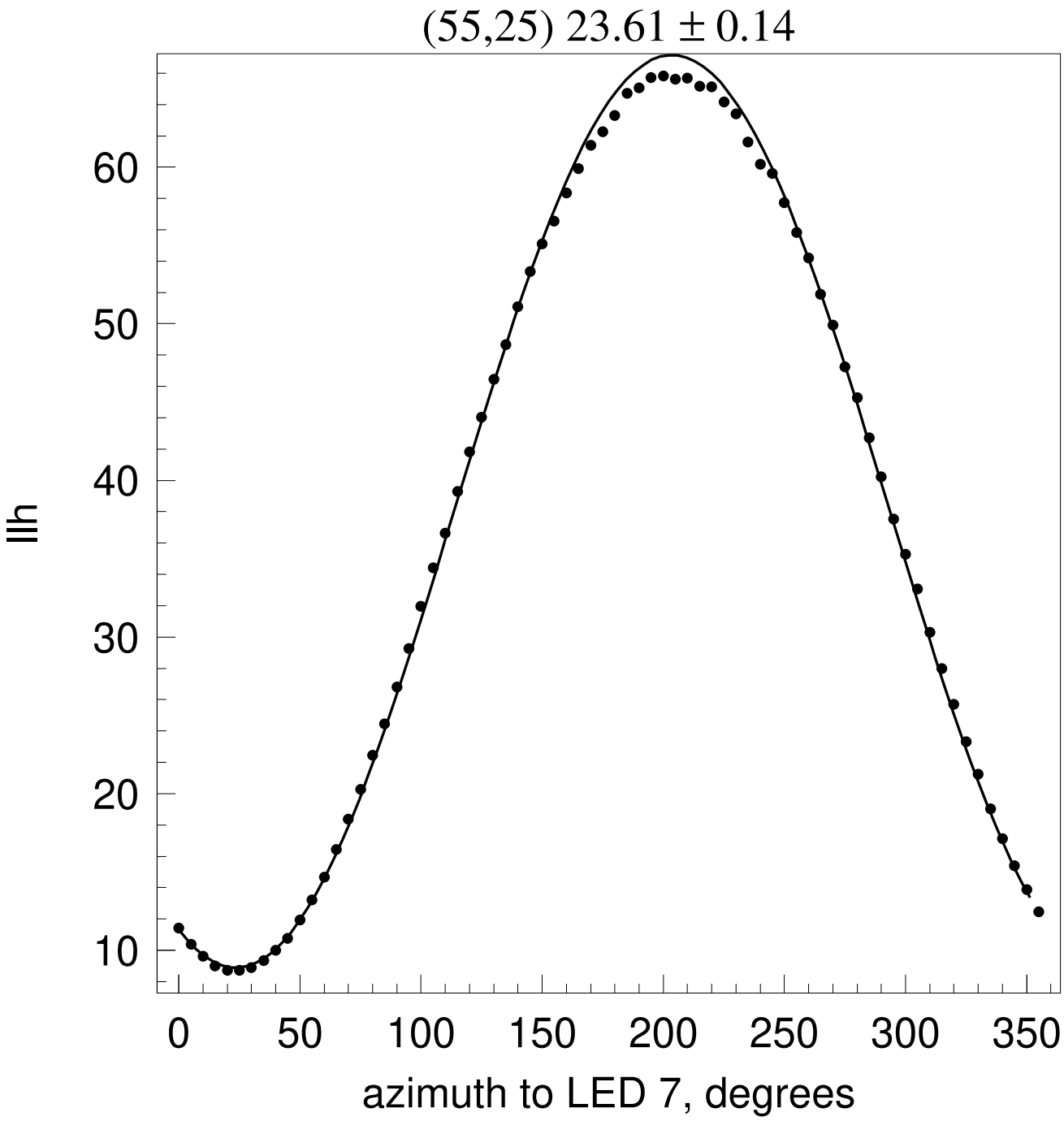

(55,20) 146.30 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

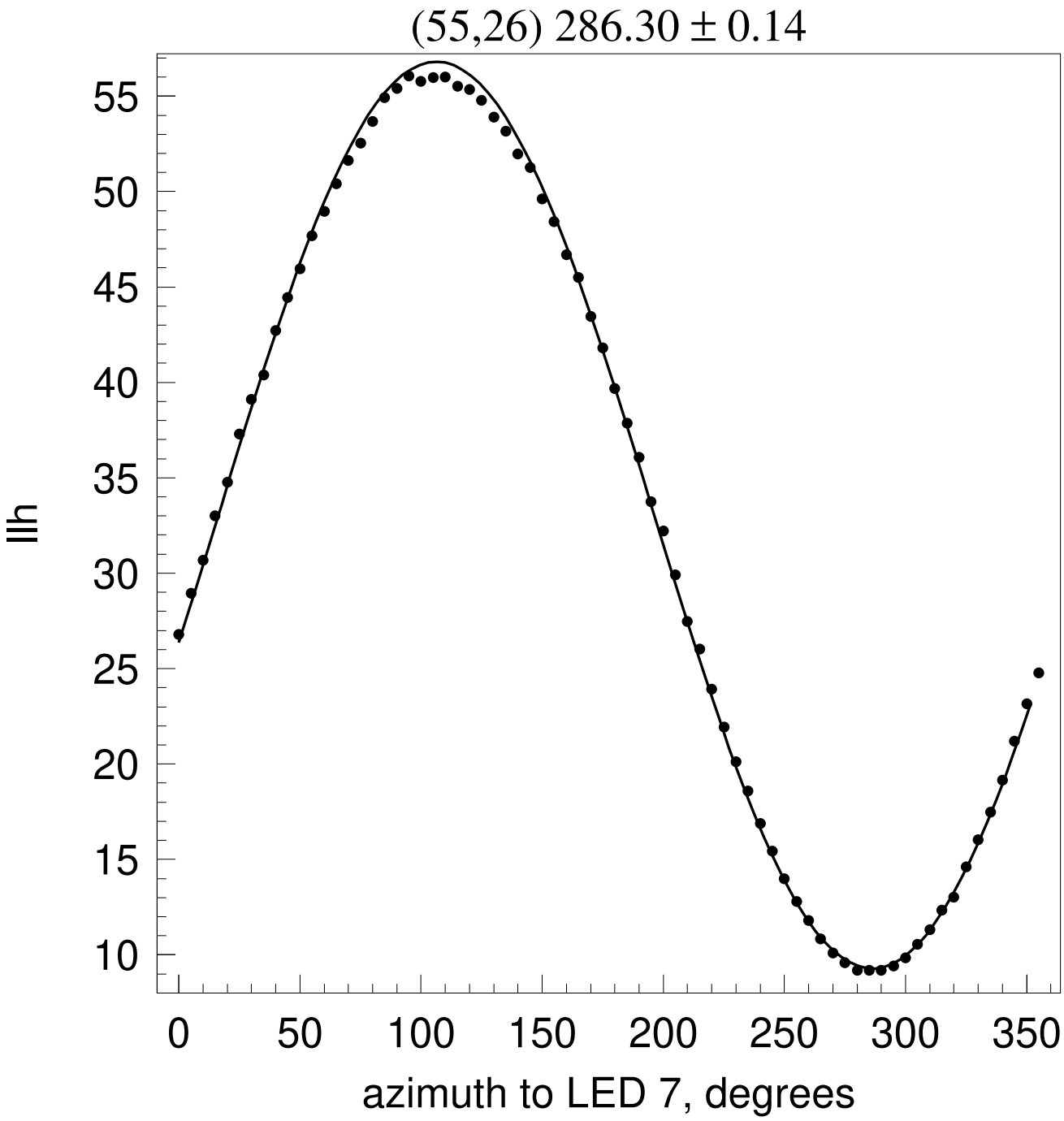

(55,21) 144.71 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

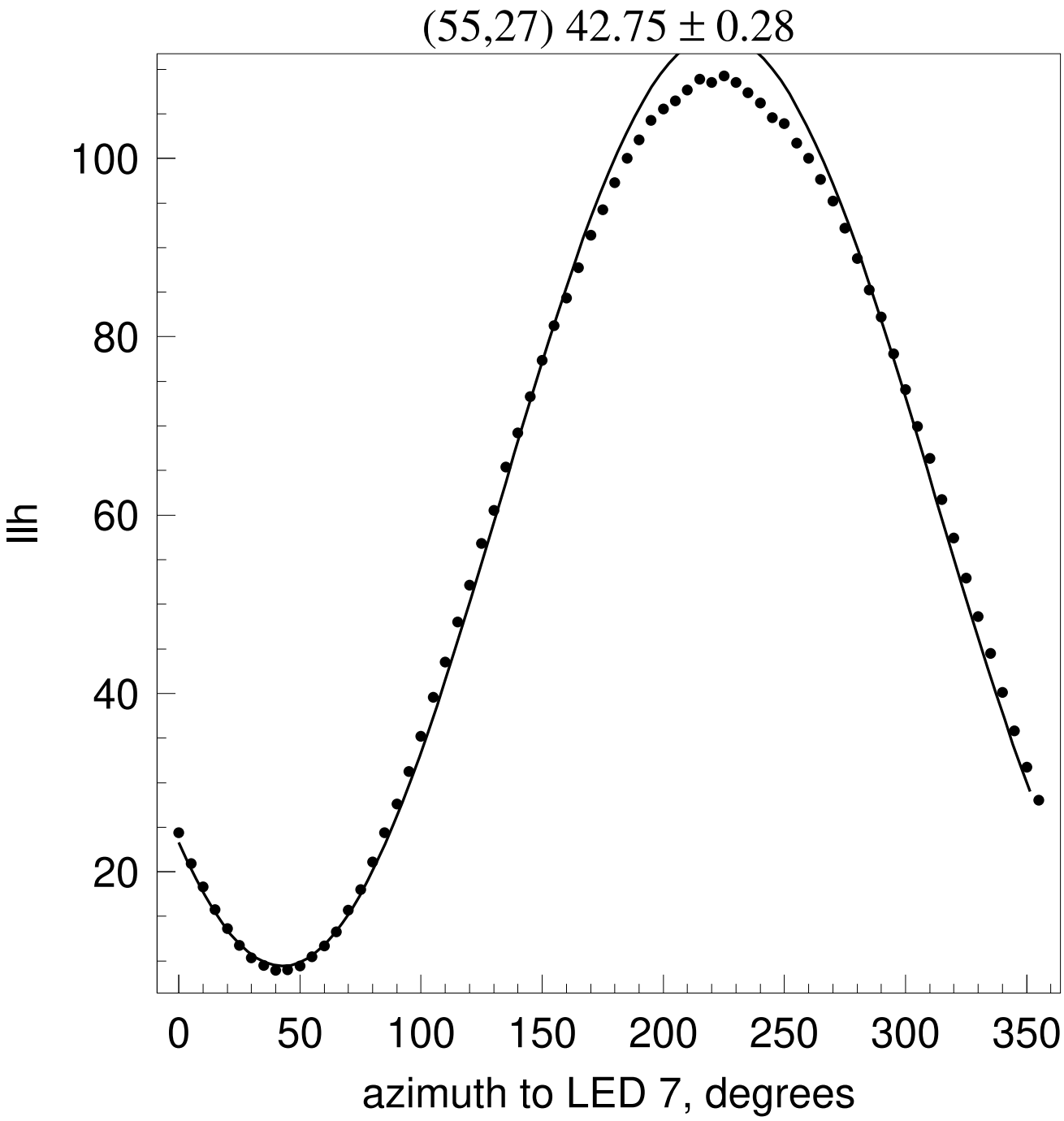

(55,22) 187.31 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

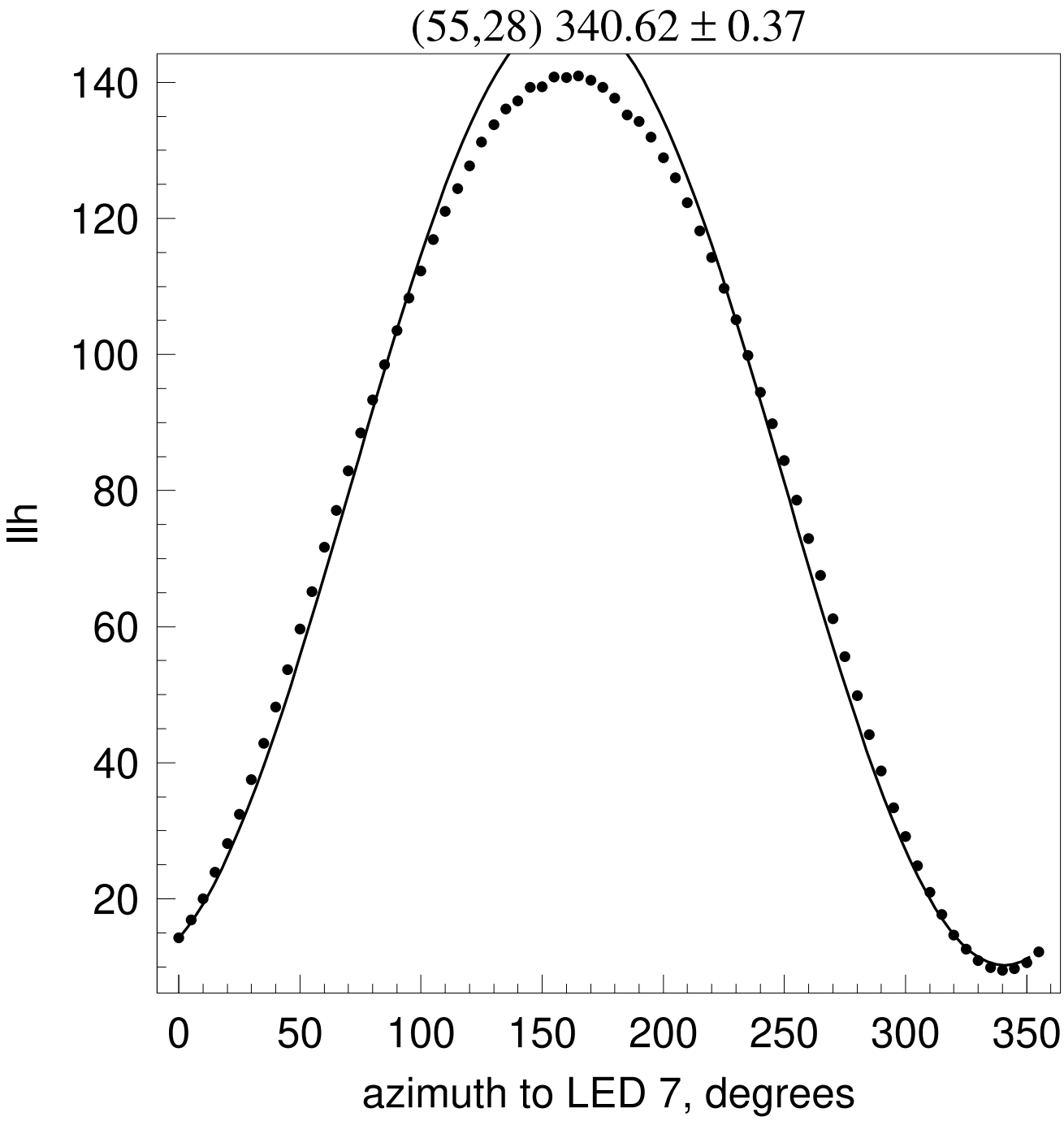

(55,23) 243.38 ± 0.39
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

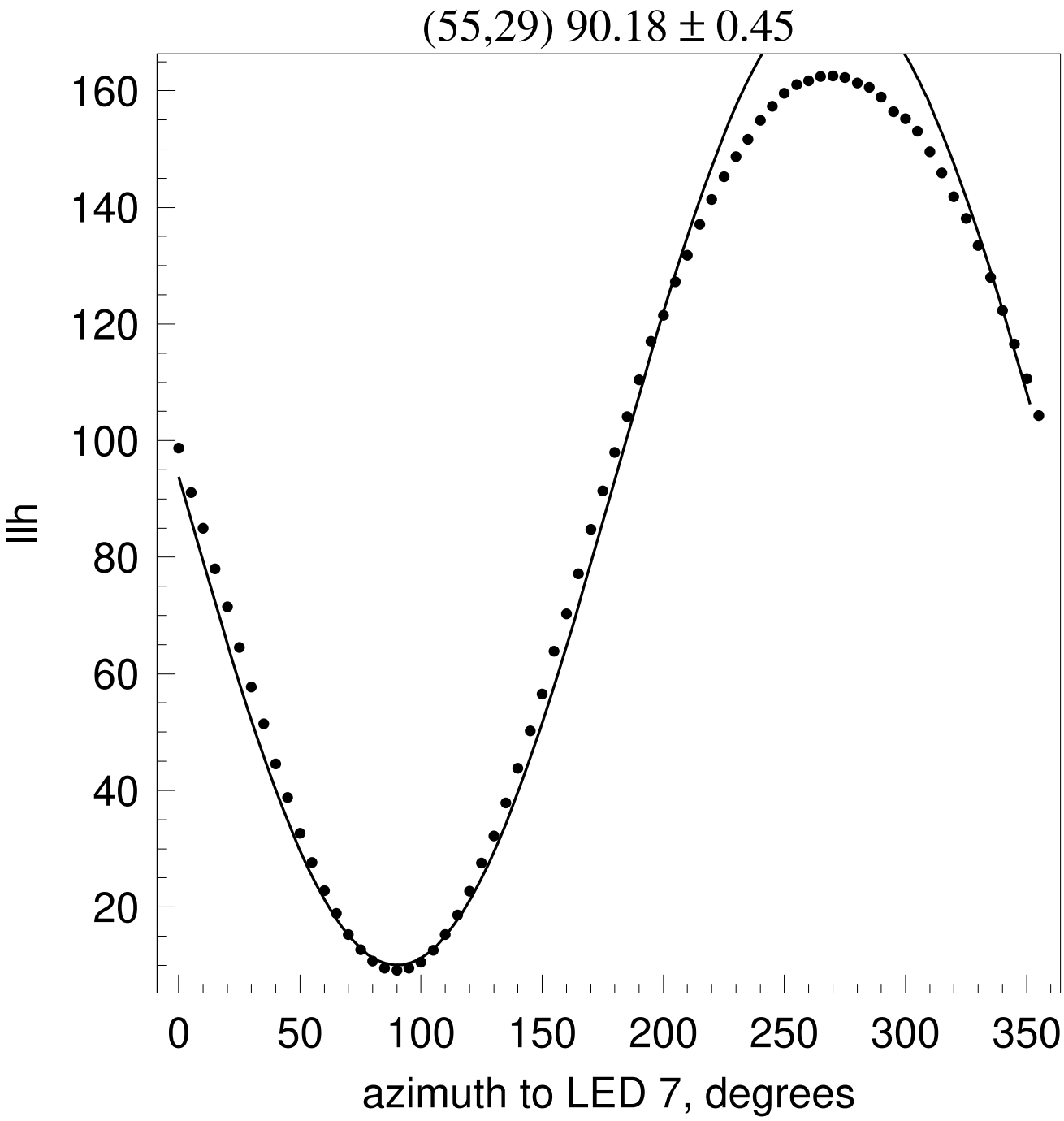

(55,24) 67.75 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

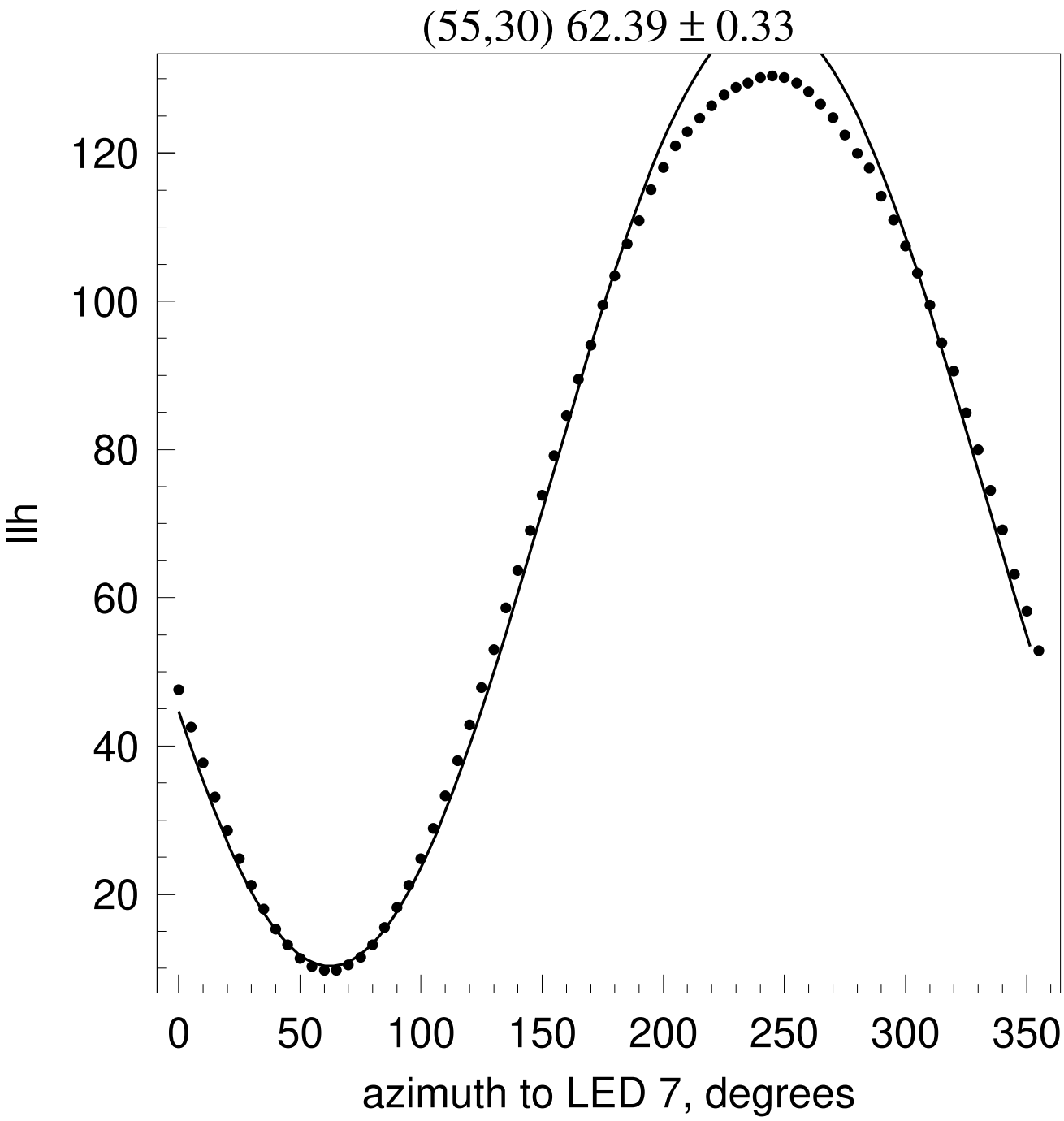

(55,25) 23.61 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

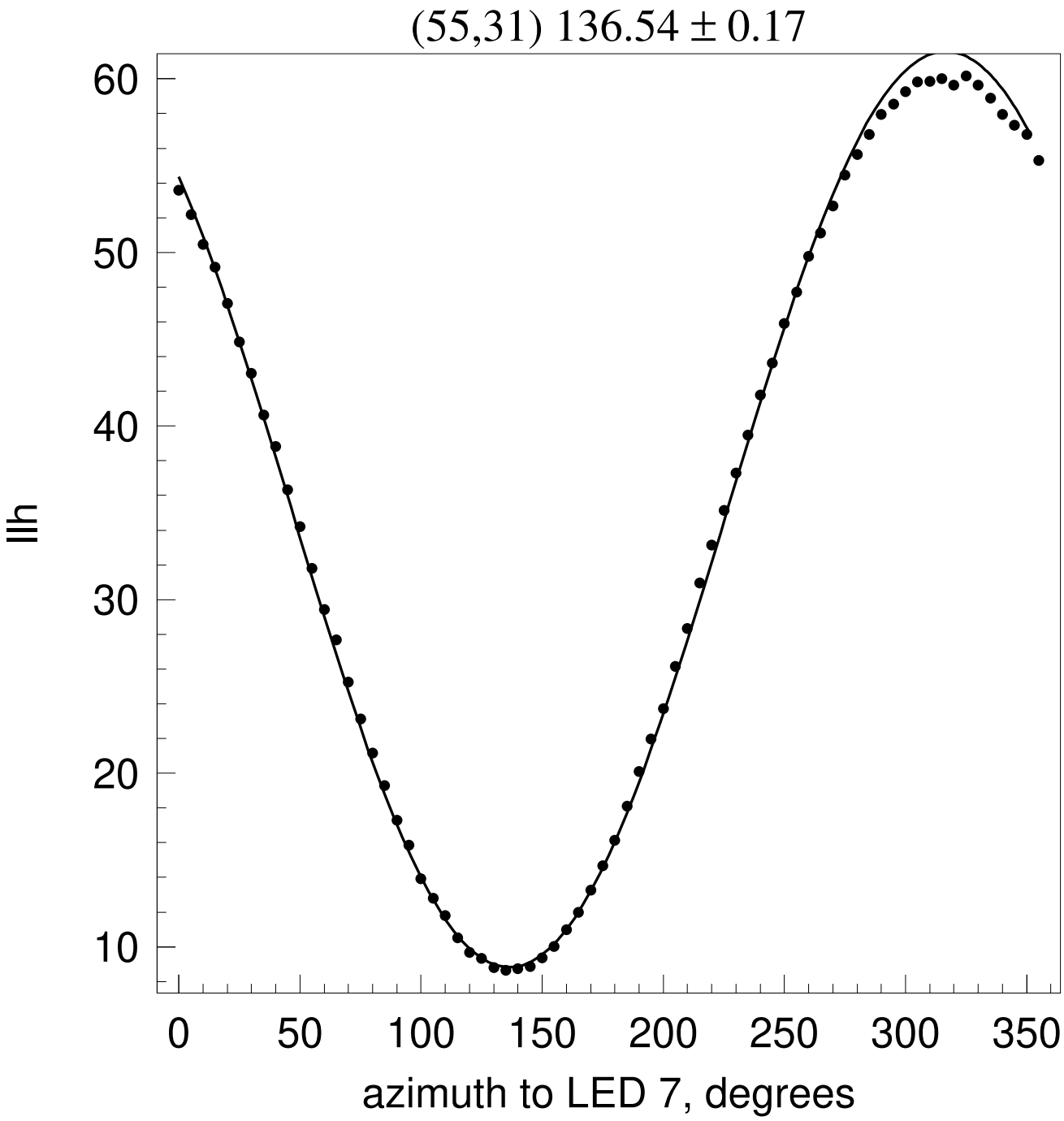

(55,26) 286.30 ± 0.14
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

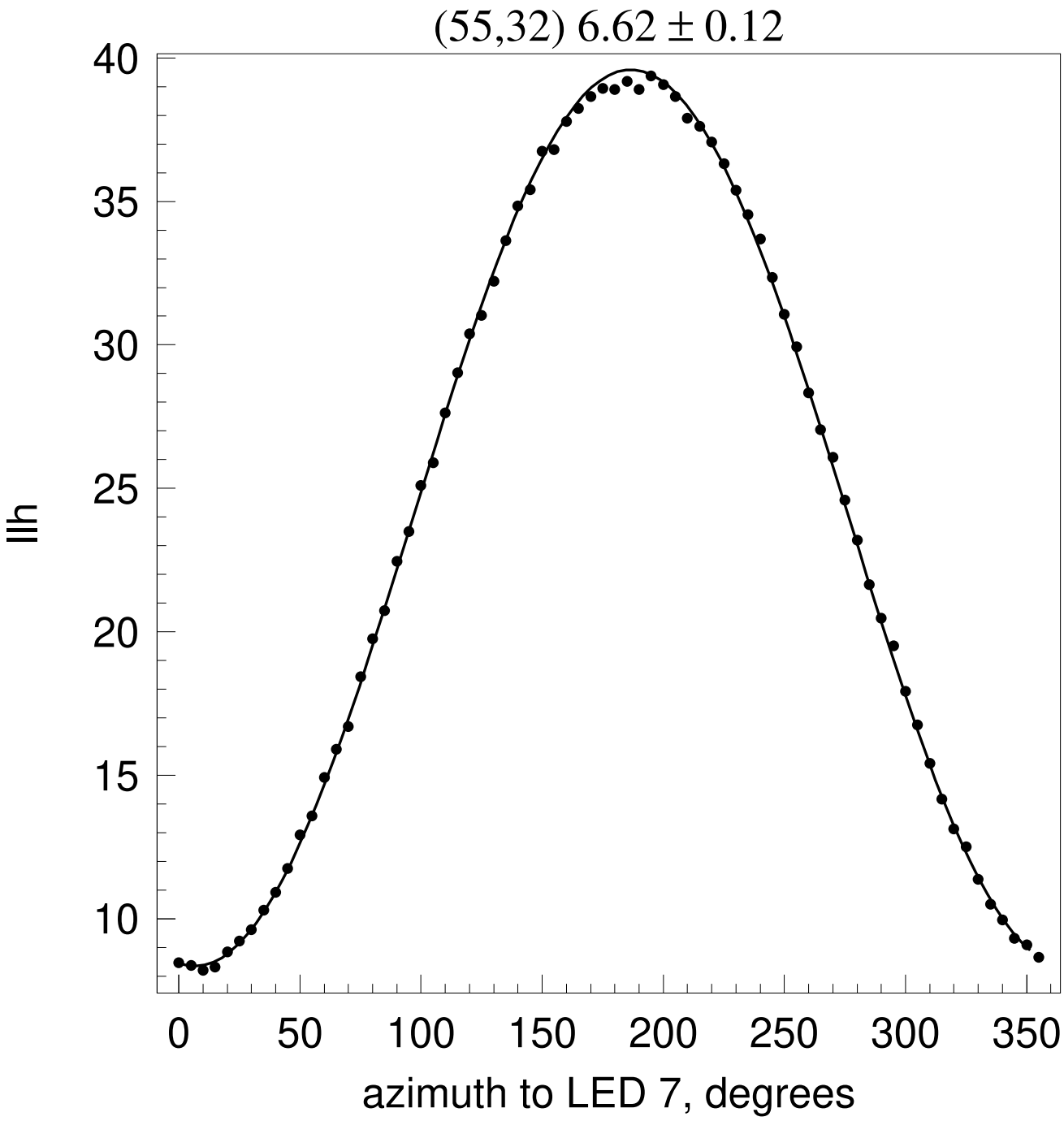

(55,27) 42.75 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

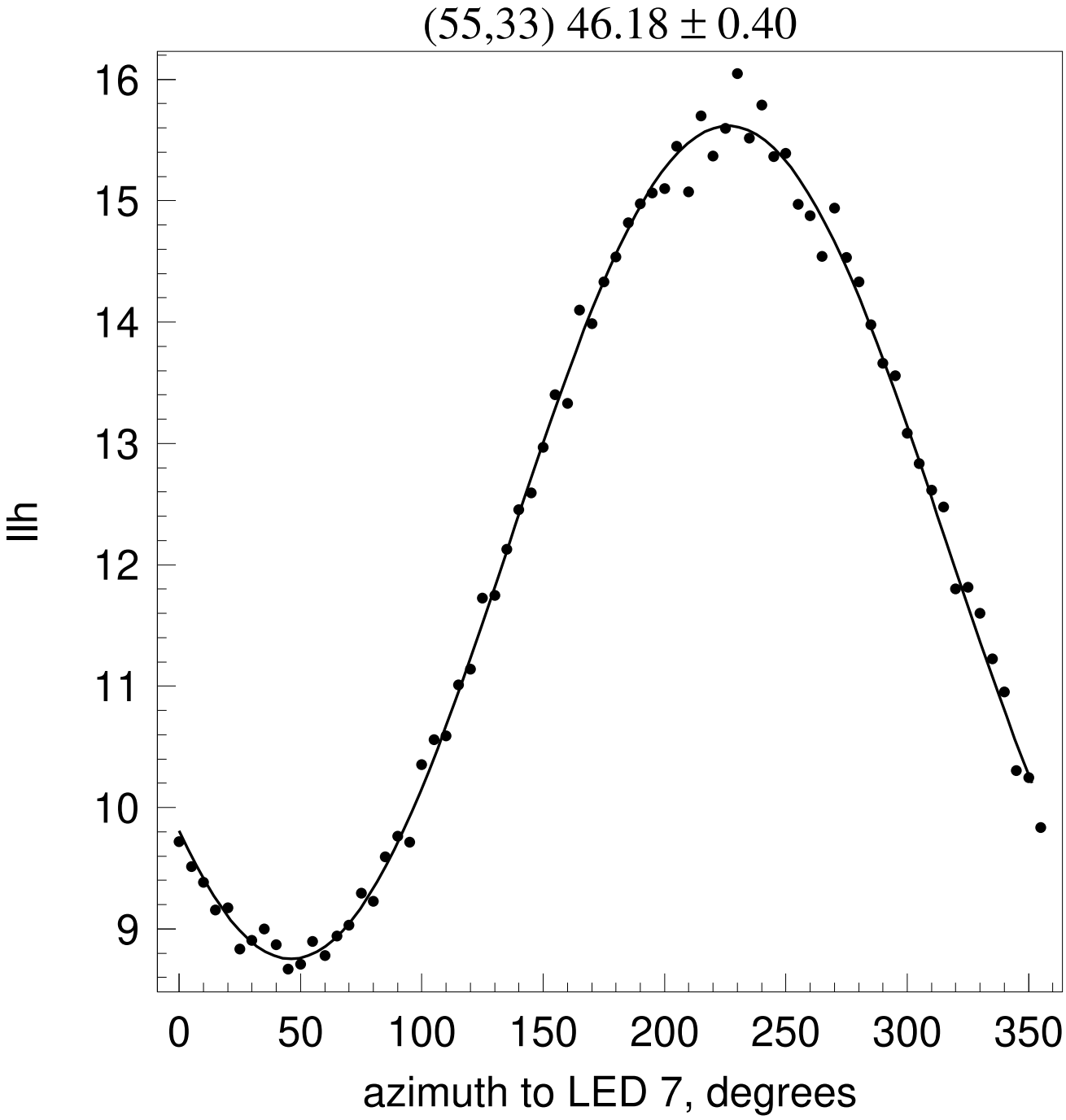

(55,28) 340.62 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

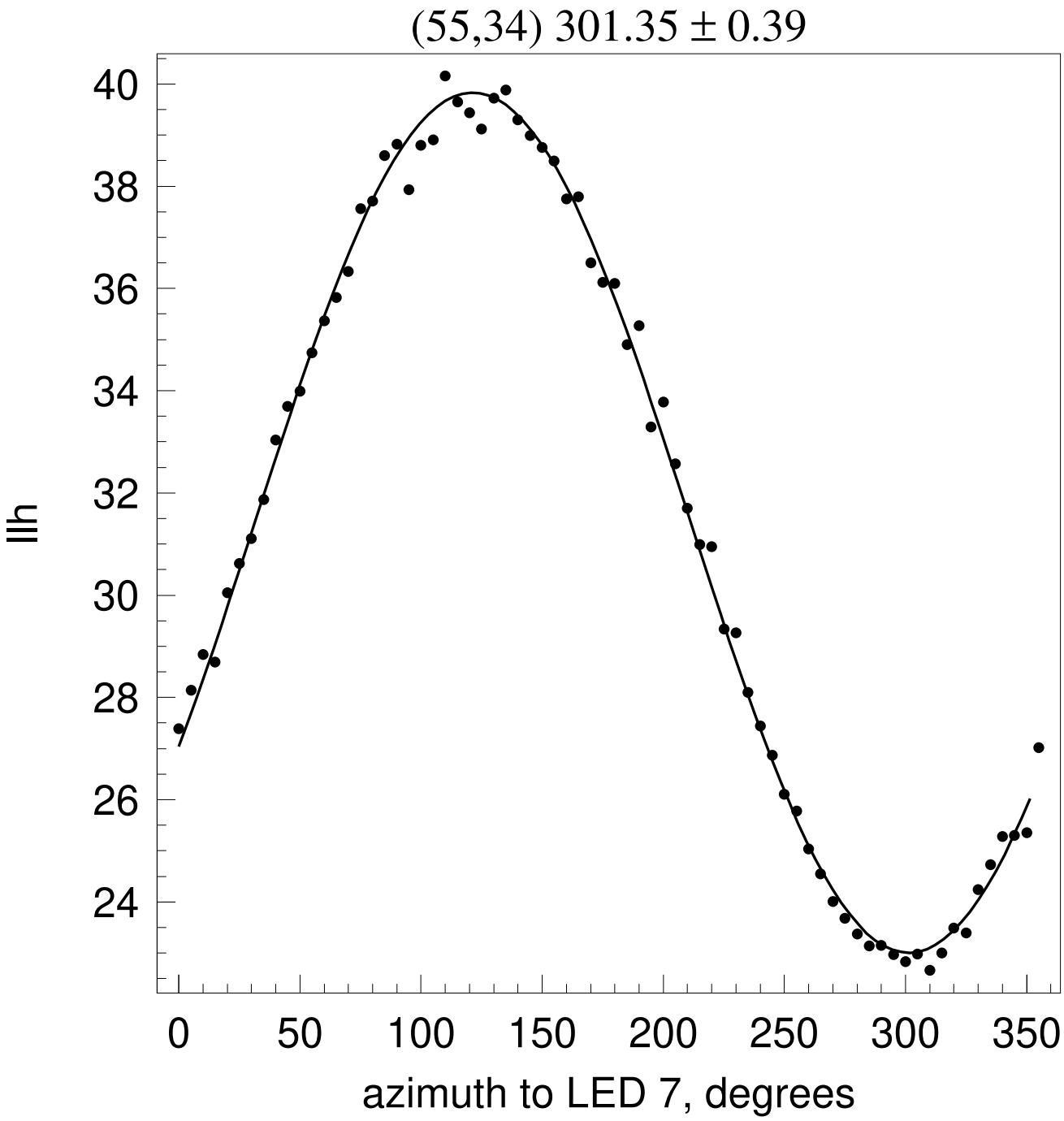

(55,29) 90.18 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

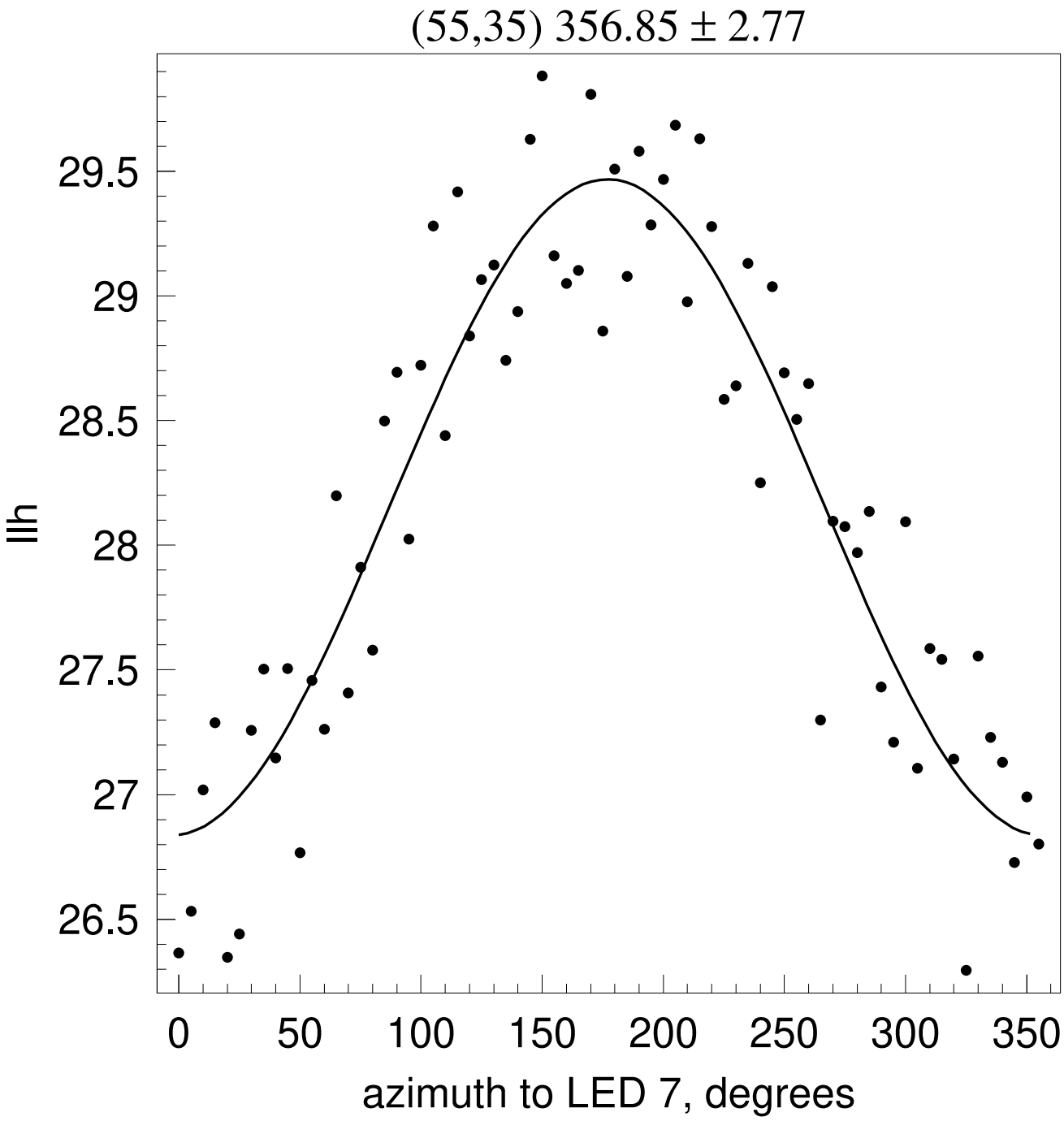

(55,30) 62.39 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

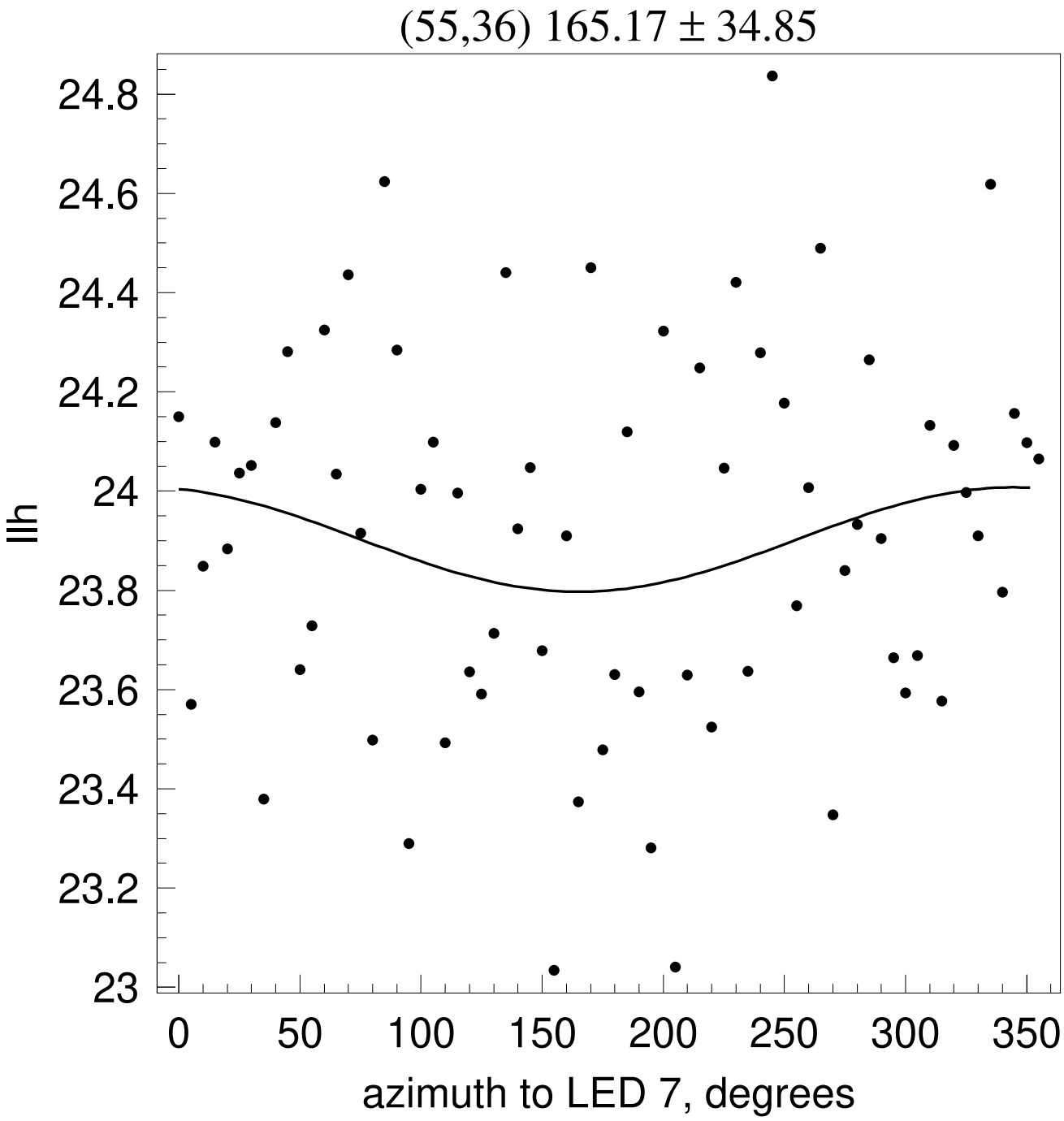

(55,31) 136.54 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

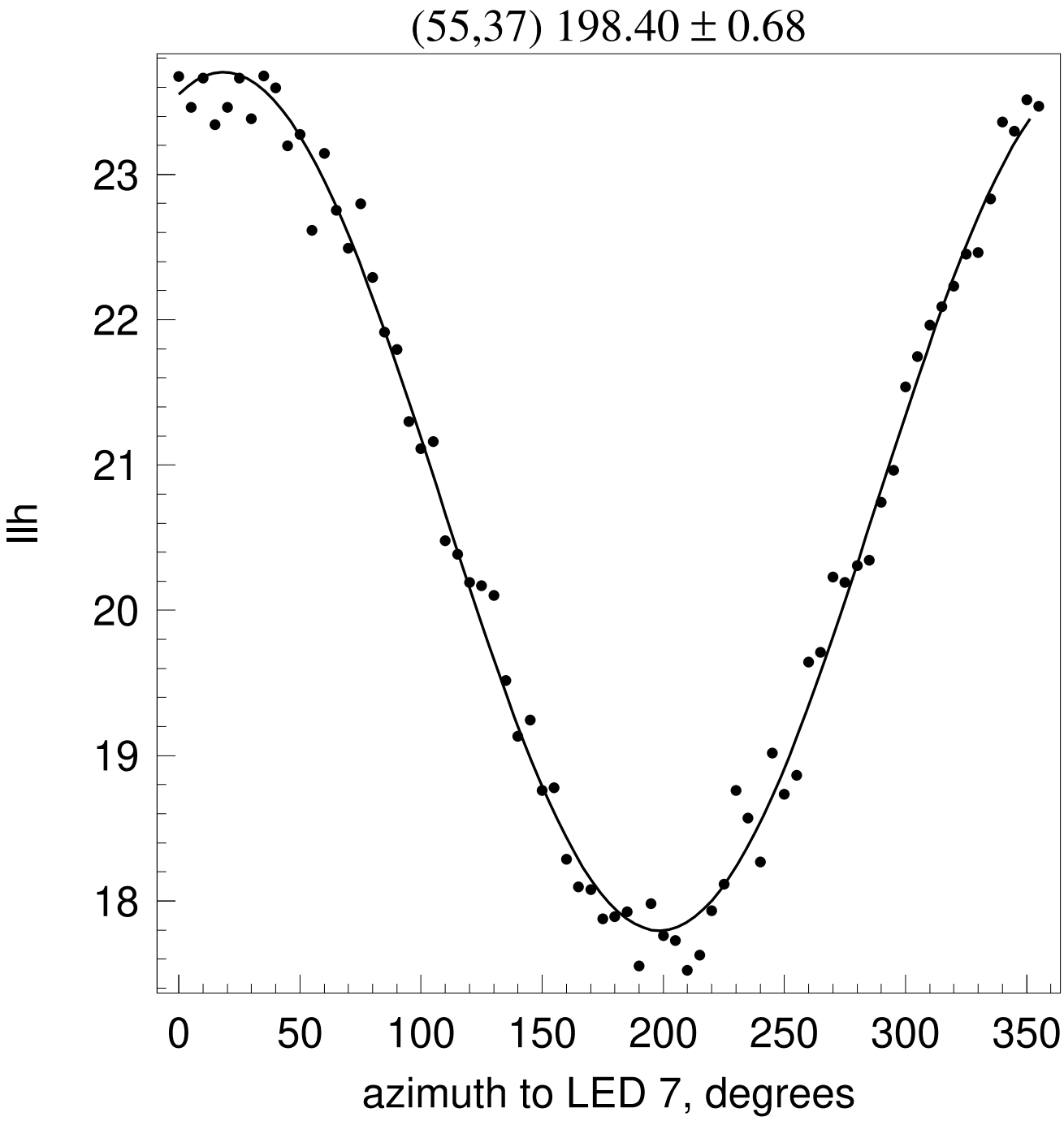

(55,32) 6.62 ± 0.12
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

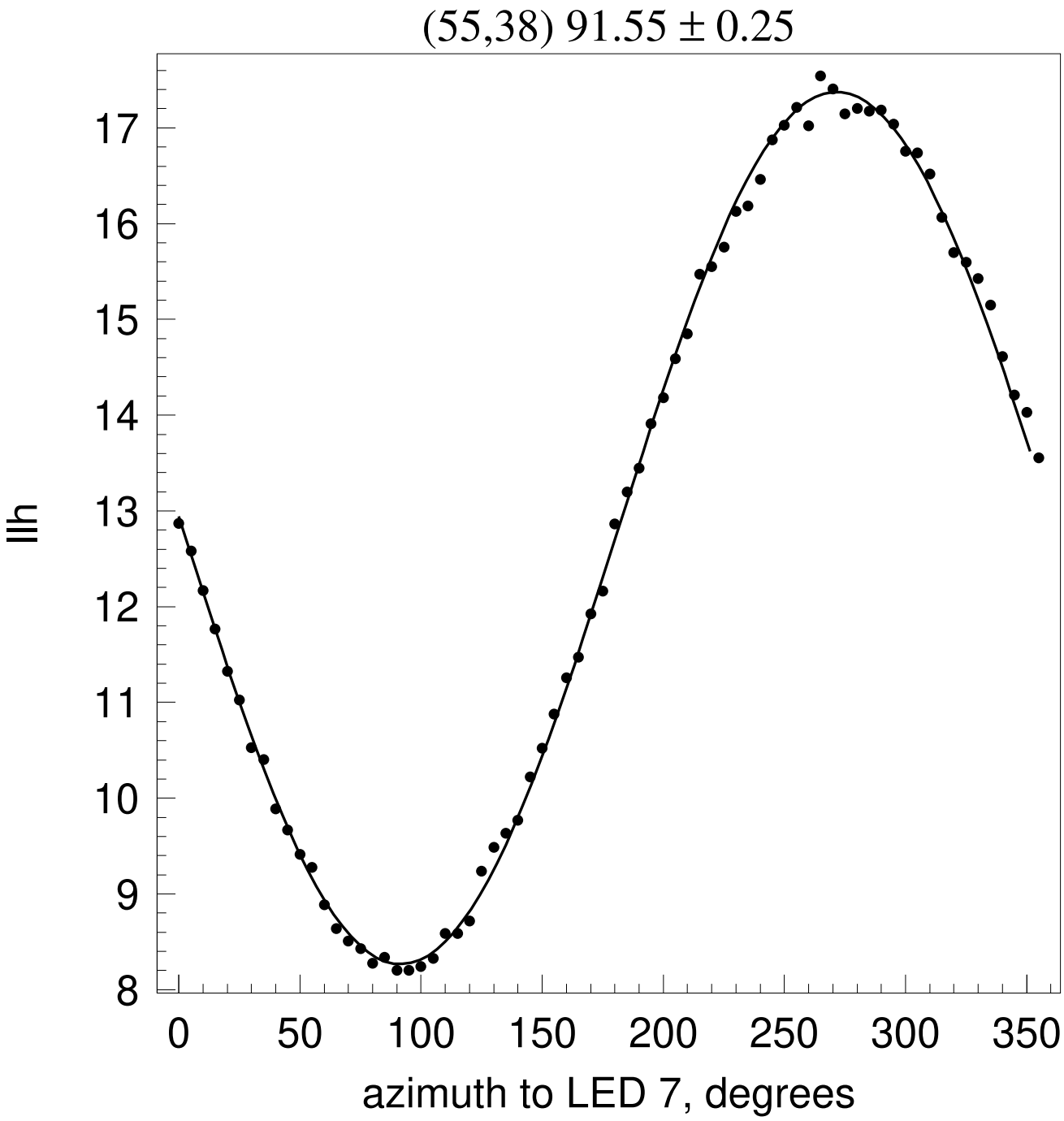

(55,33) 46.18 ± 0.40
16
15
14
13
12
11
10
9
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

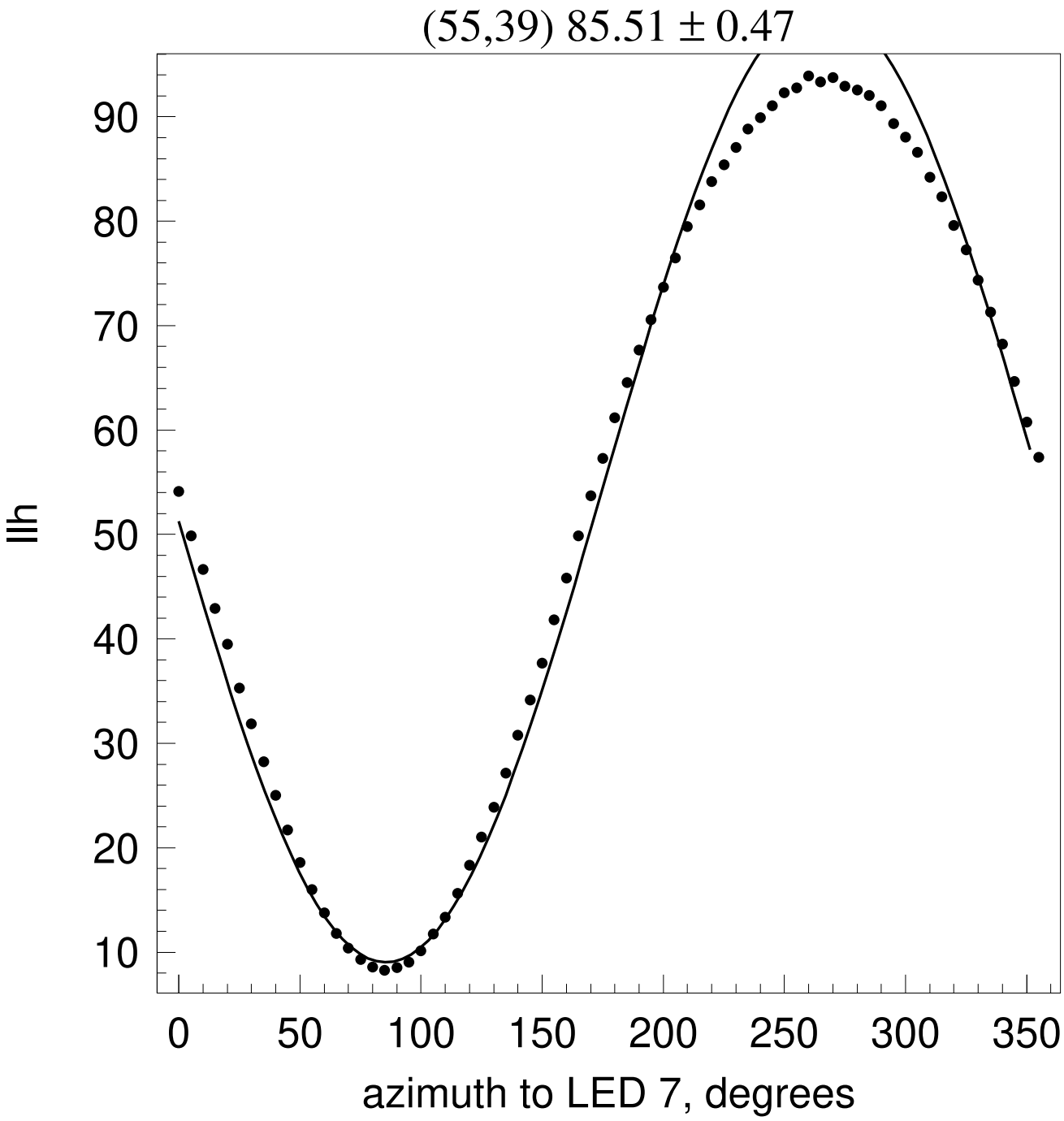

(55,34) 301.35 ± 0.39
40
38
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

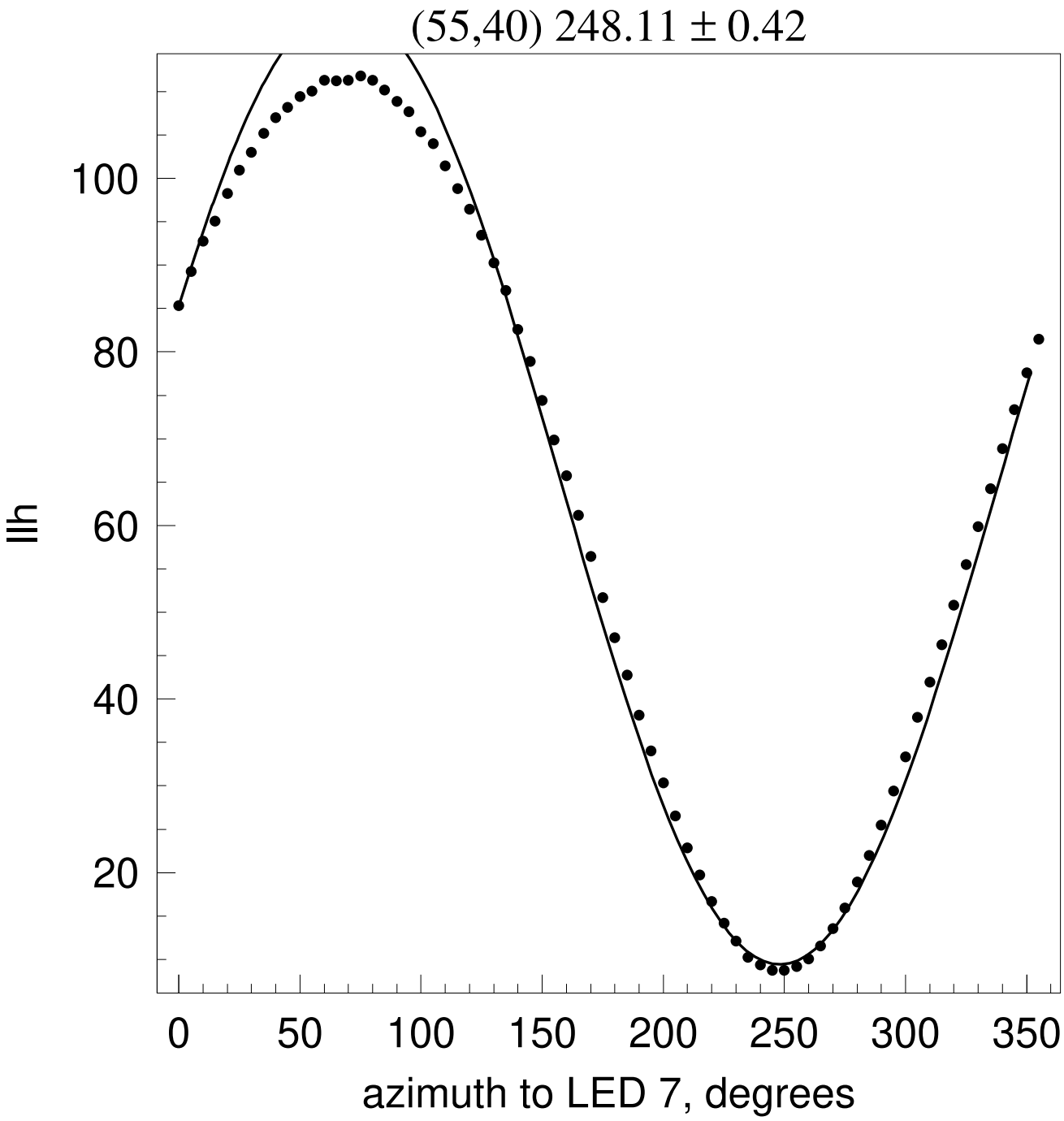

(55,35) 356.85 ± 2.77
29.5
29
28.5
28
27.5
27
26.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

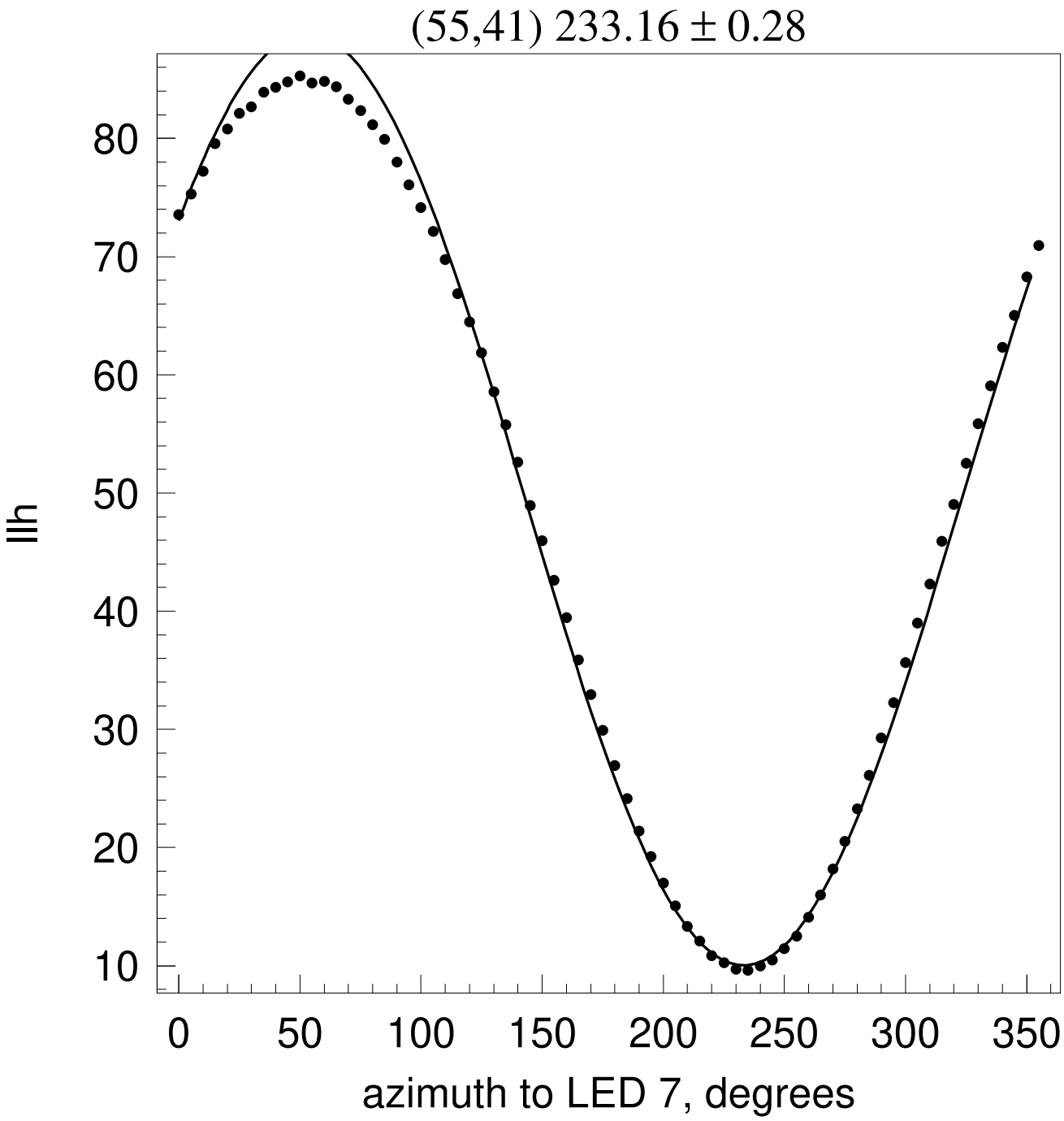

(55,36) 165.17 ± 34.85
24.8
24.6
24.4
24.2
24
23.8
23.6
23.4
23.2
23
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

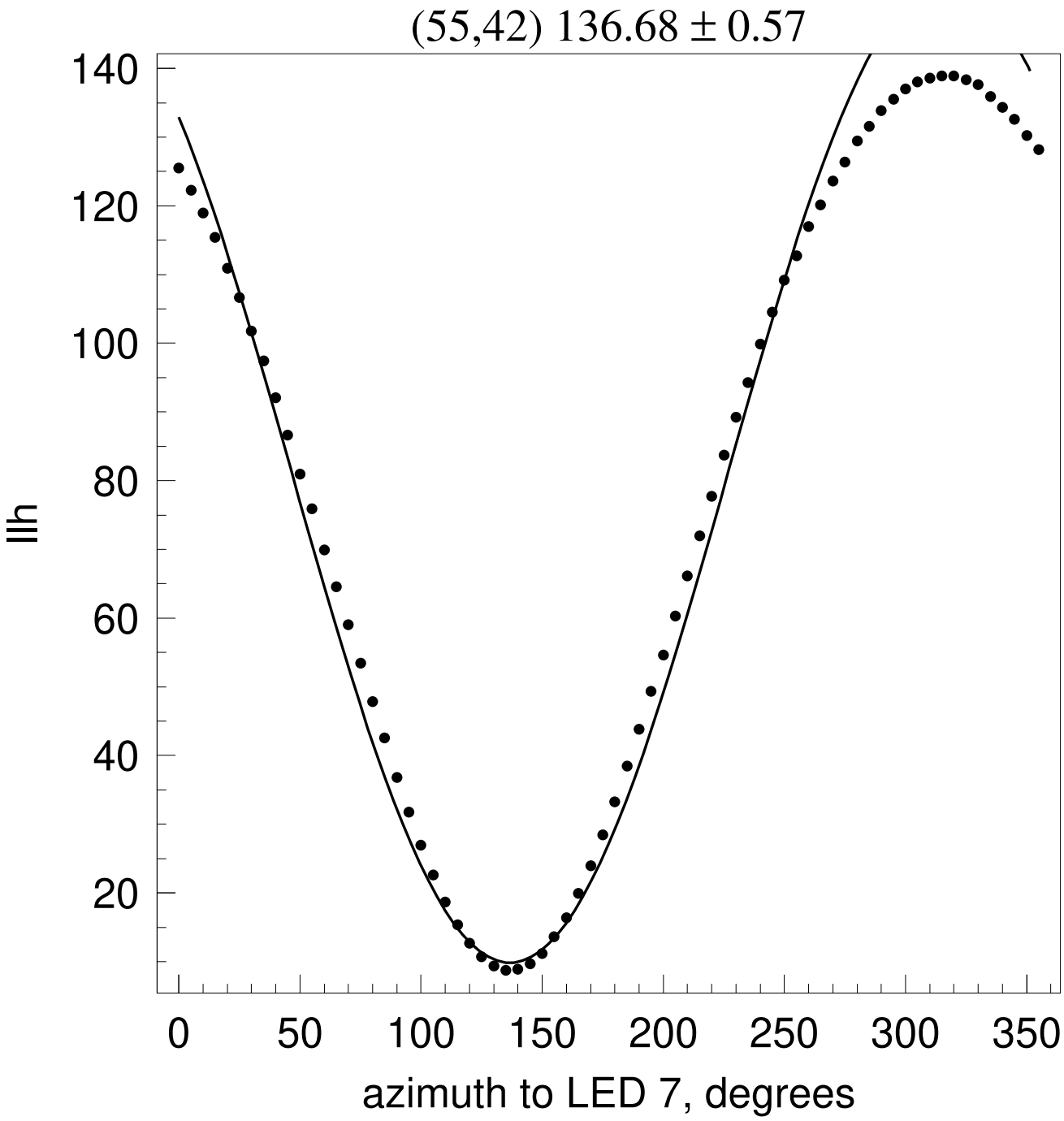

(55,37) 198.40 ± 0.68
23
22
21
20
19
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

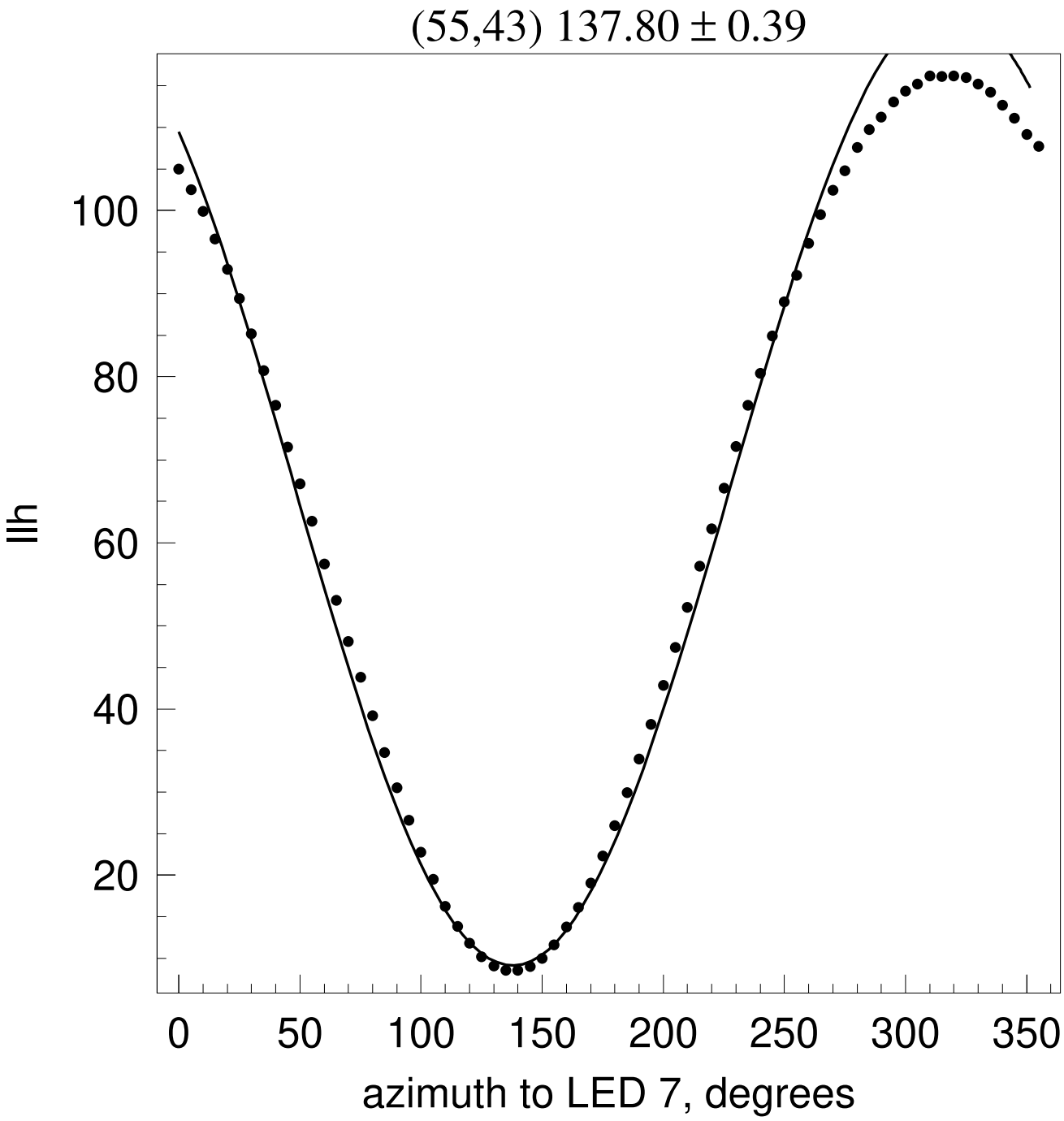

(55,38) 91.55 ± 0.25
17
16
15
14
13
12
11
10
9
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

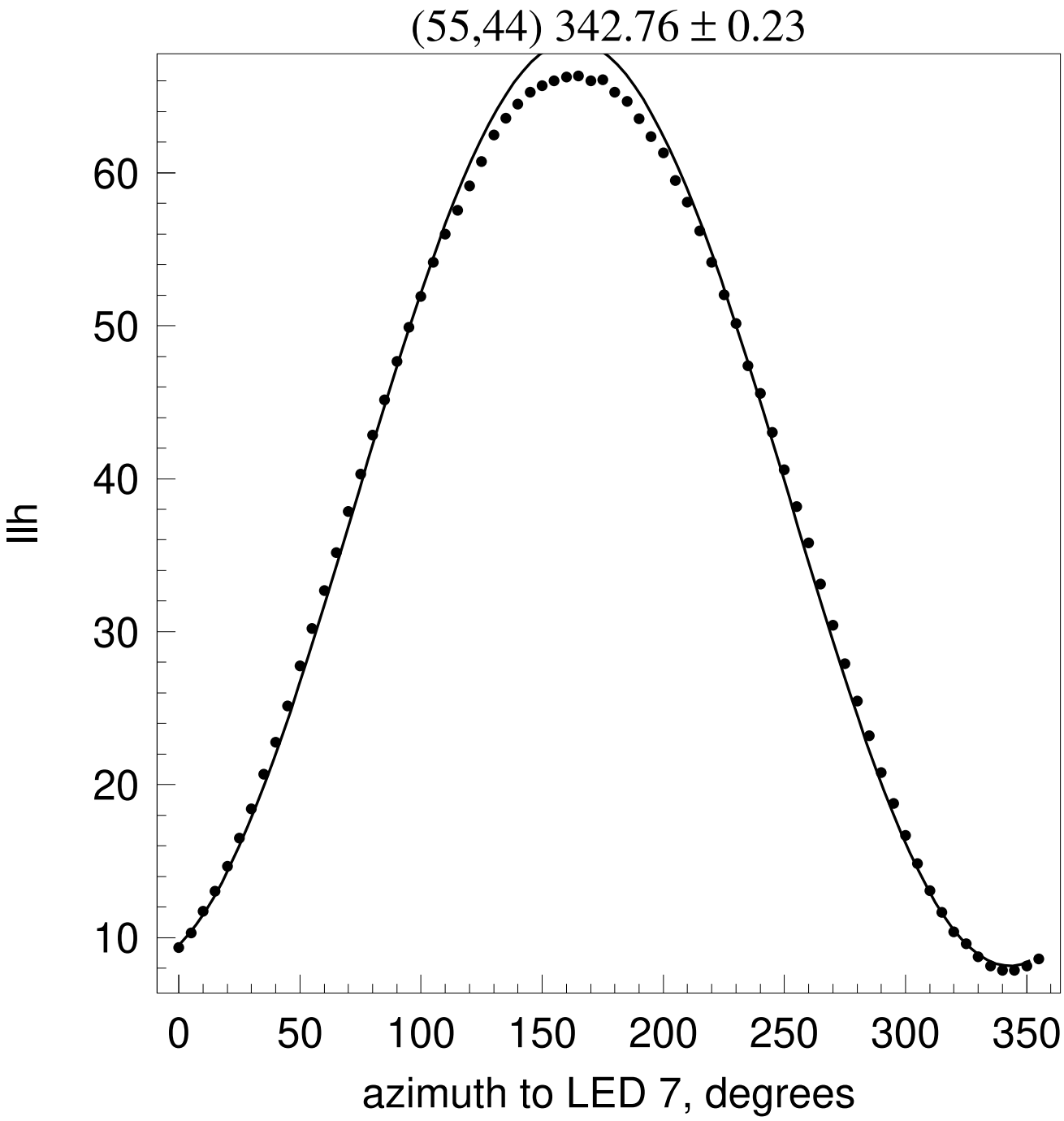

(55,39) 85.51 ± 0.47
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

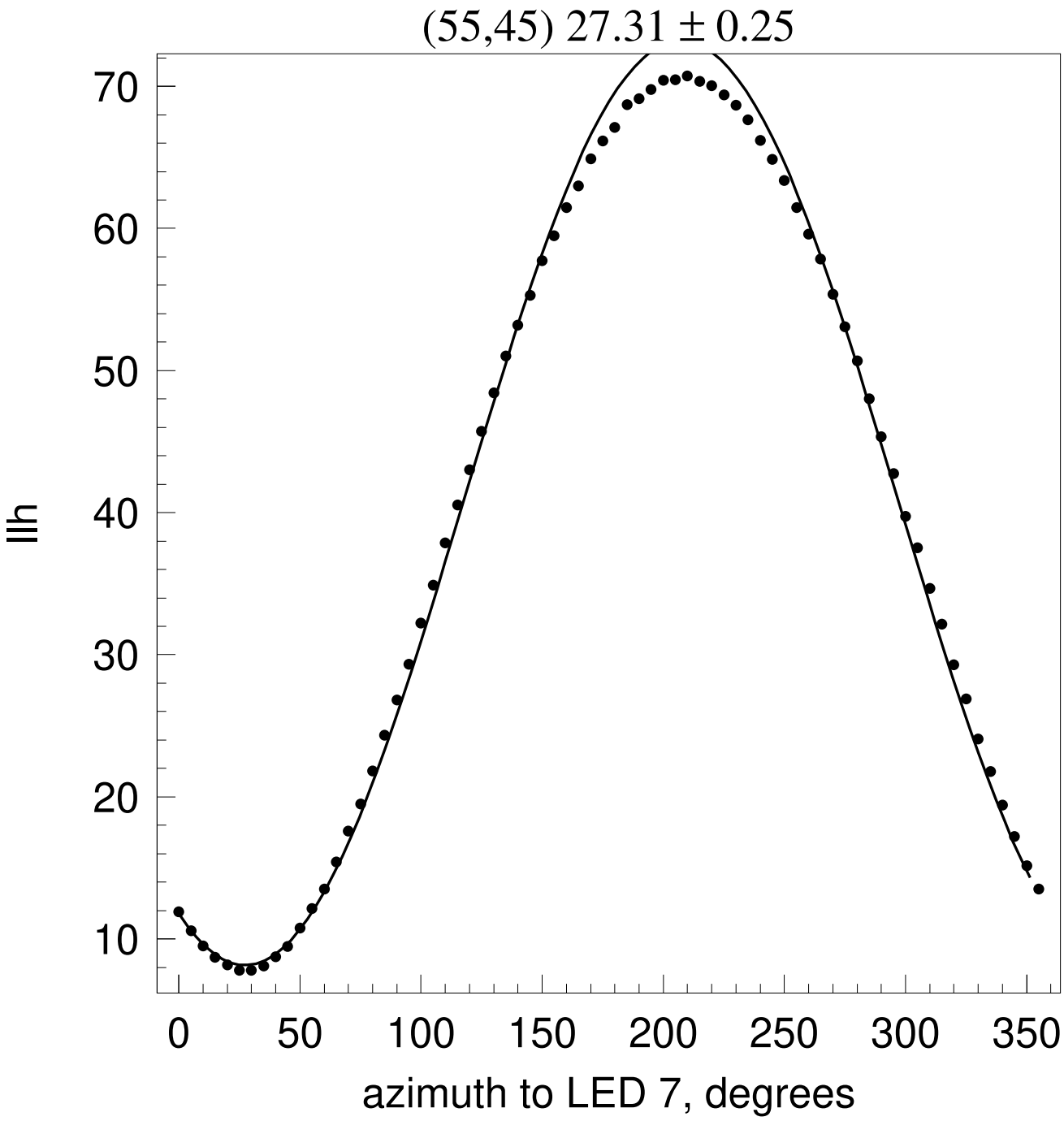

(55,40) 248.11 ± 0.42
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

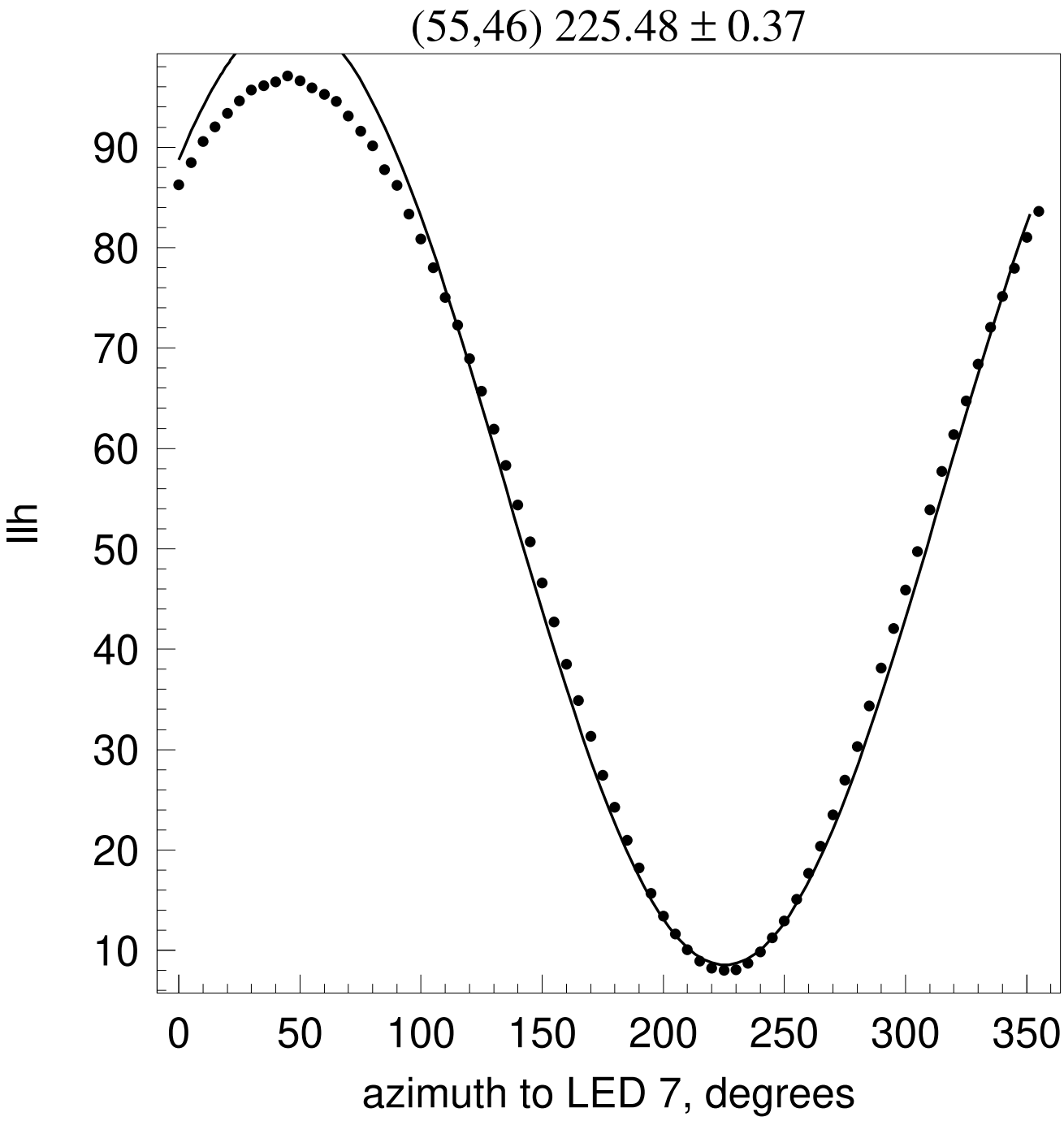

(55,41) 233.16 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

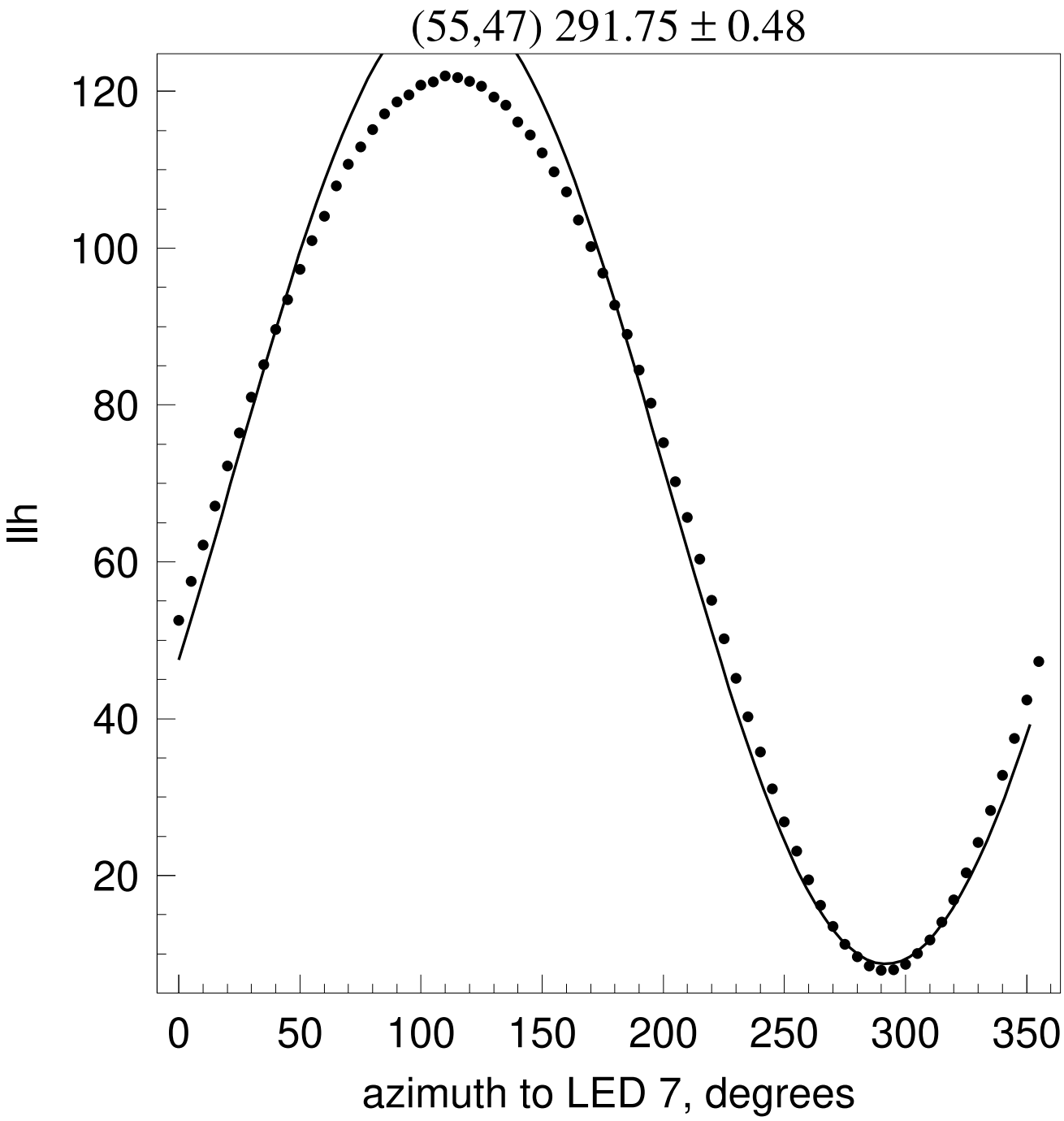

(55,42) 136.68 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

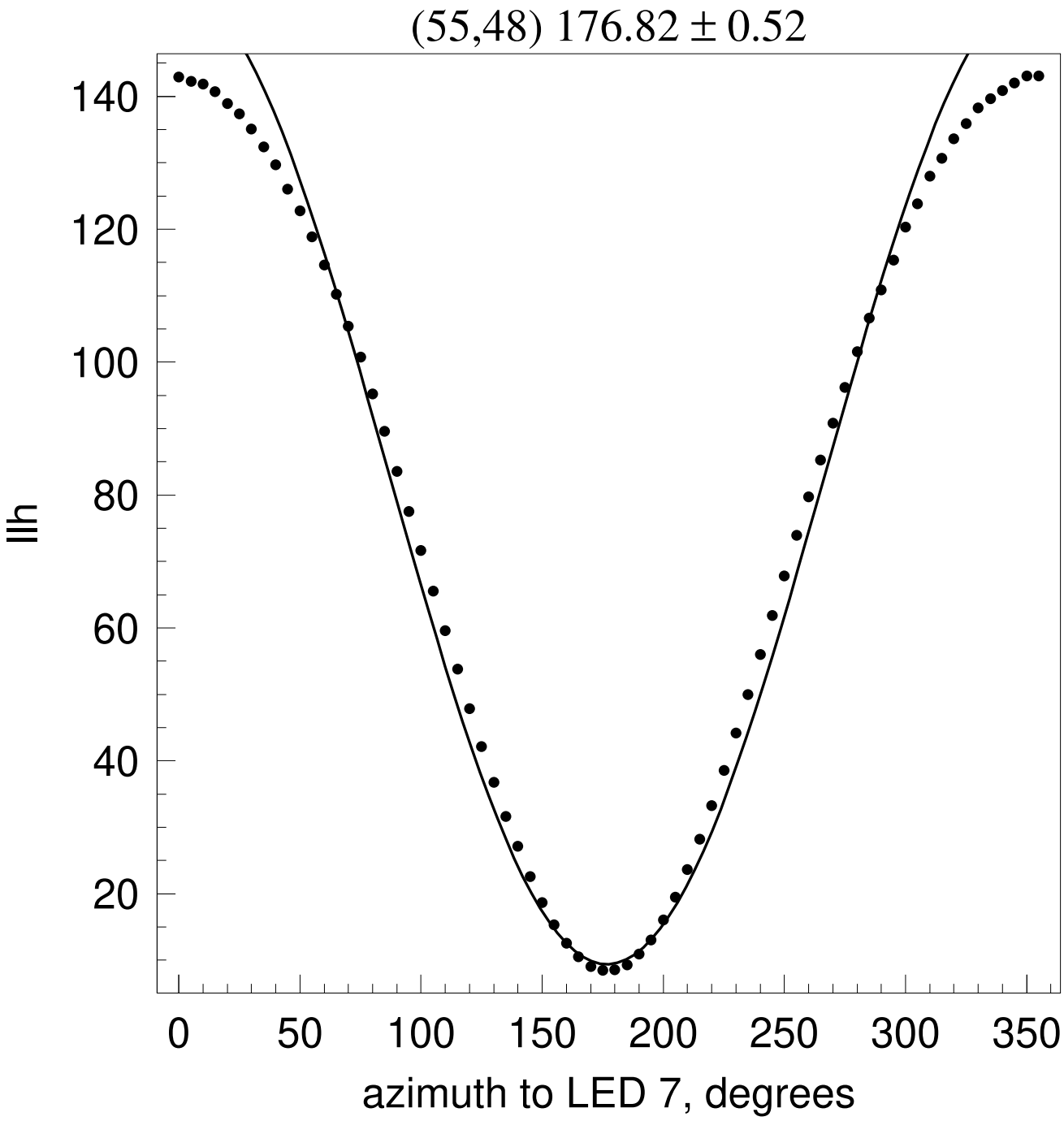

(55,43) 137.80 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

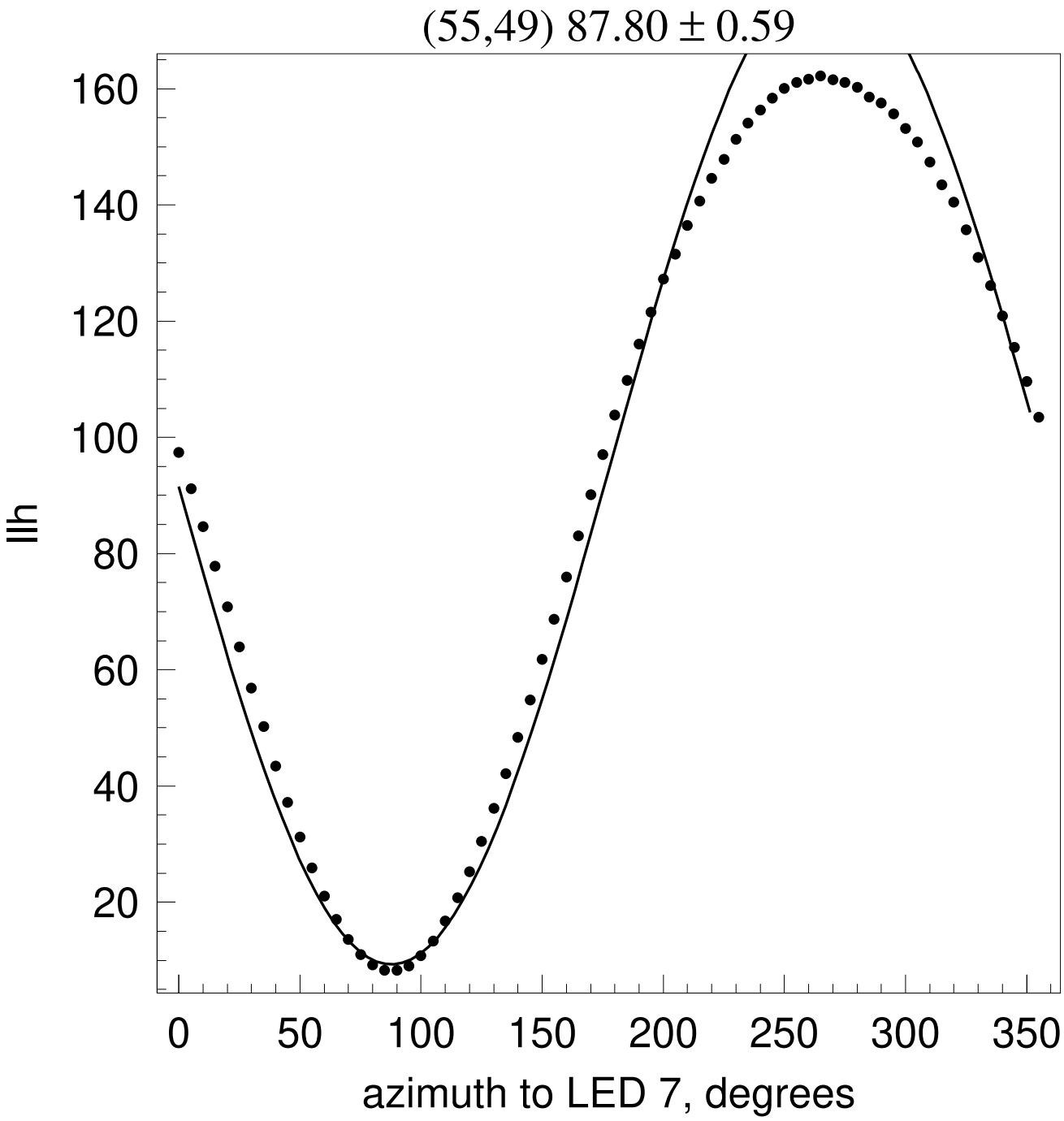

(55,44) 342.76 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

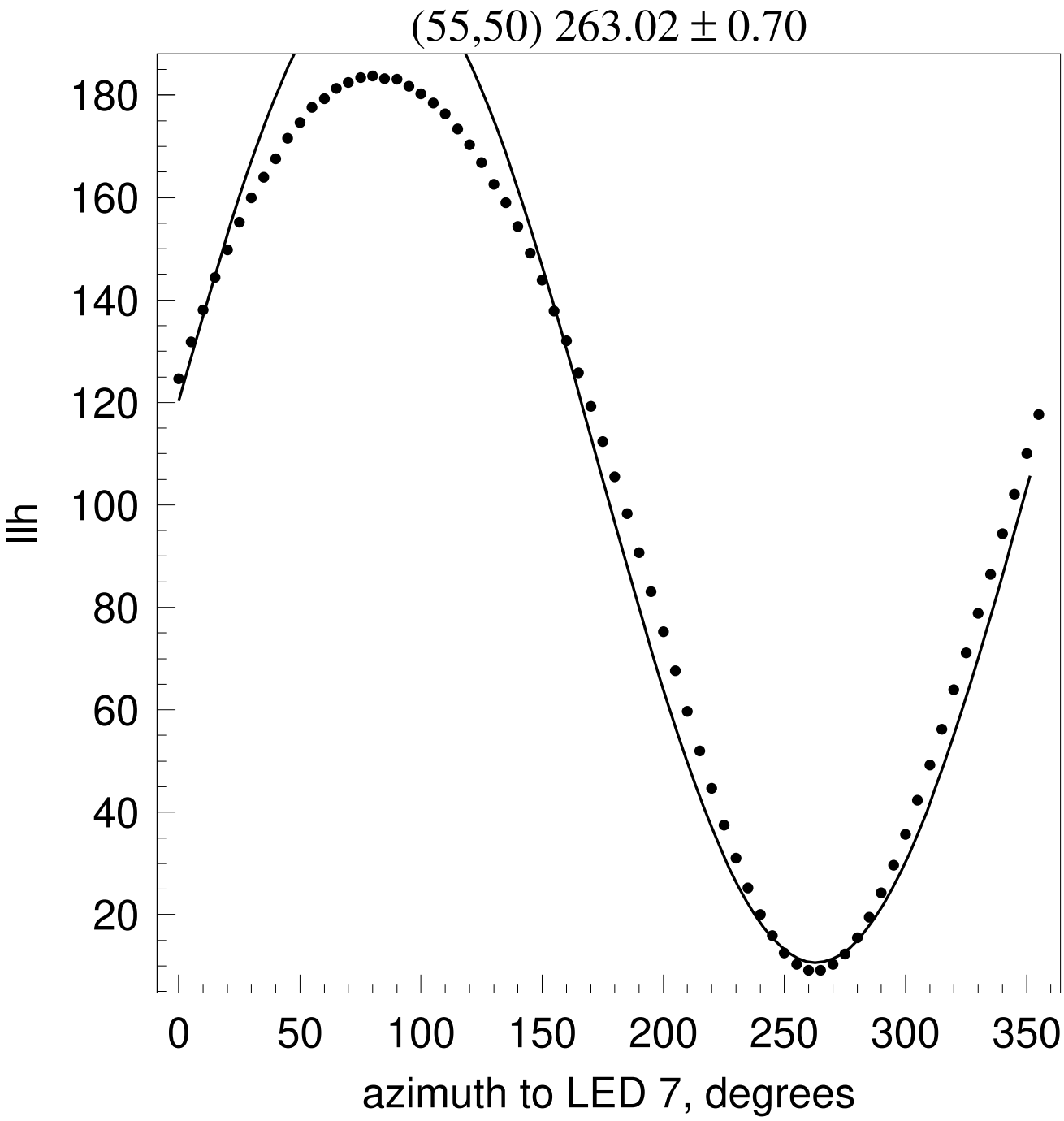

(55,45) 27.31 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

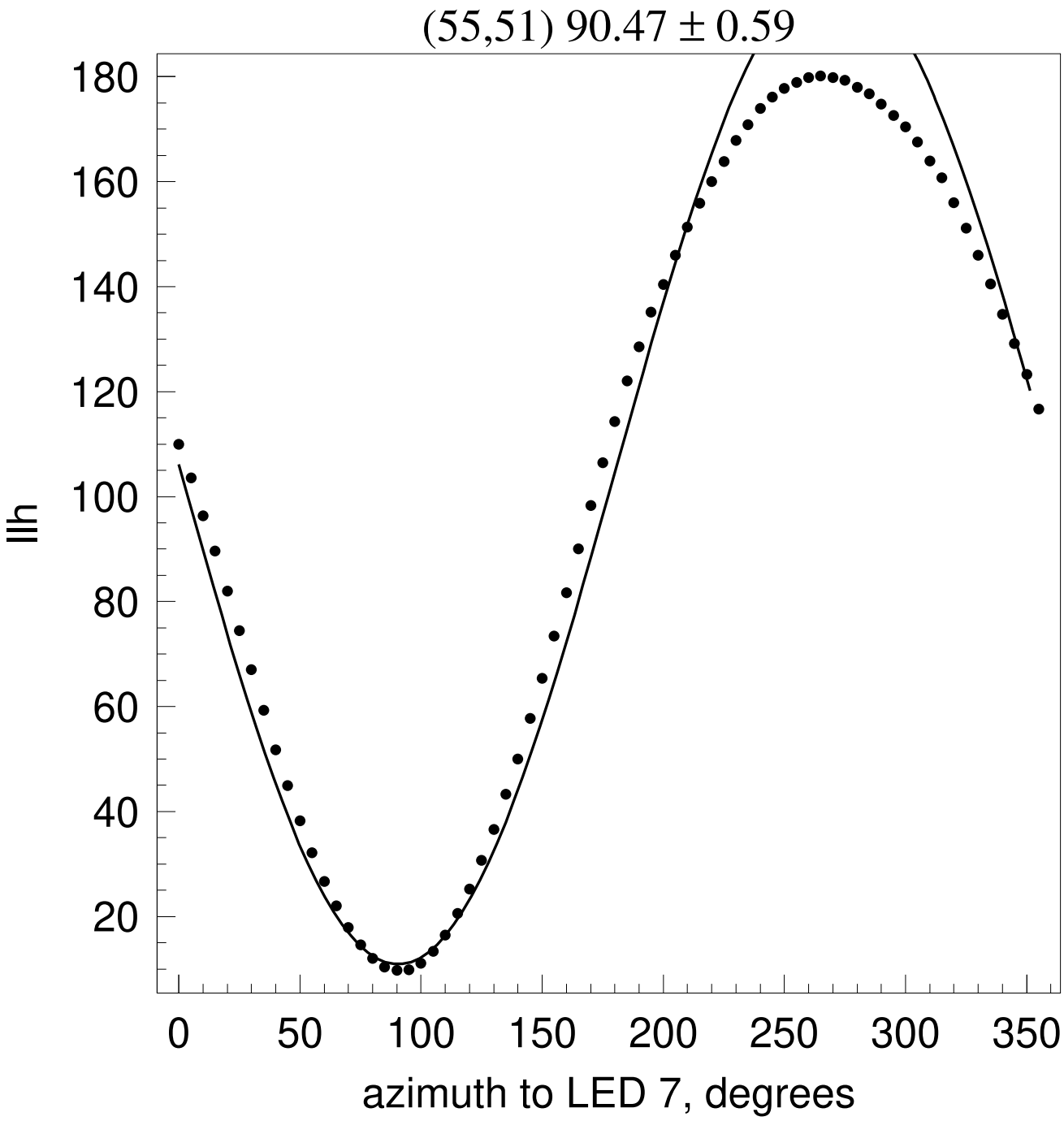

(55,46) 225.48 ± 0.37
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

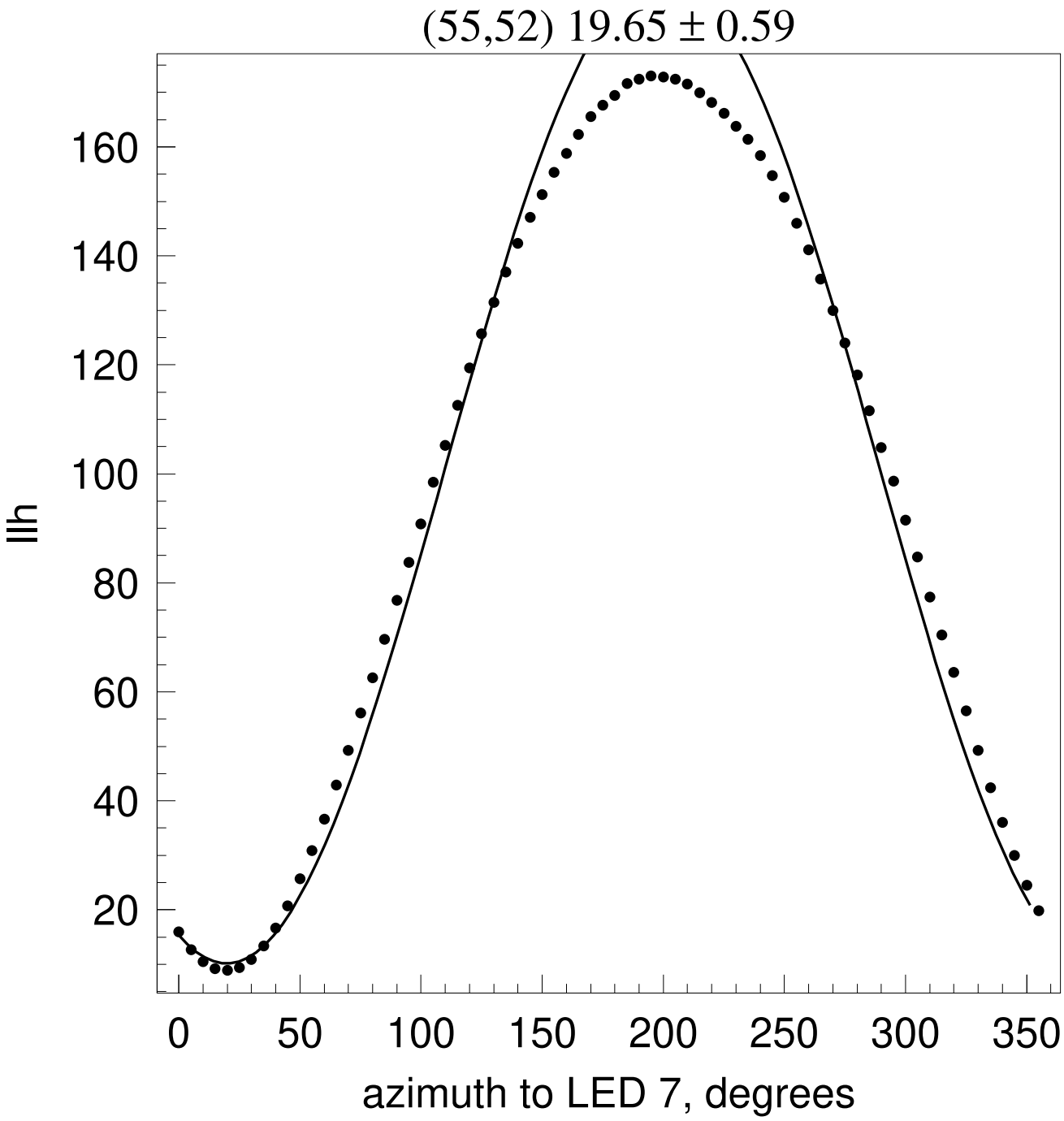

(55,47) 291.75 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

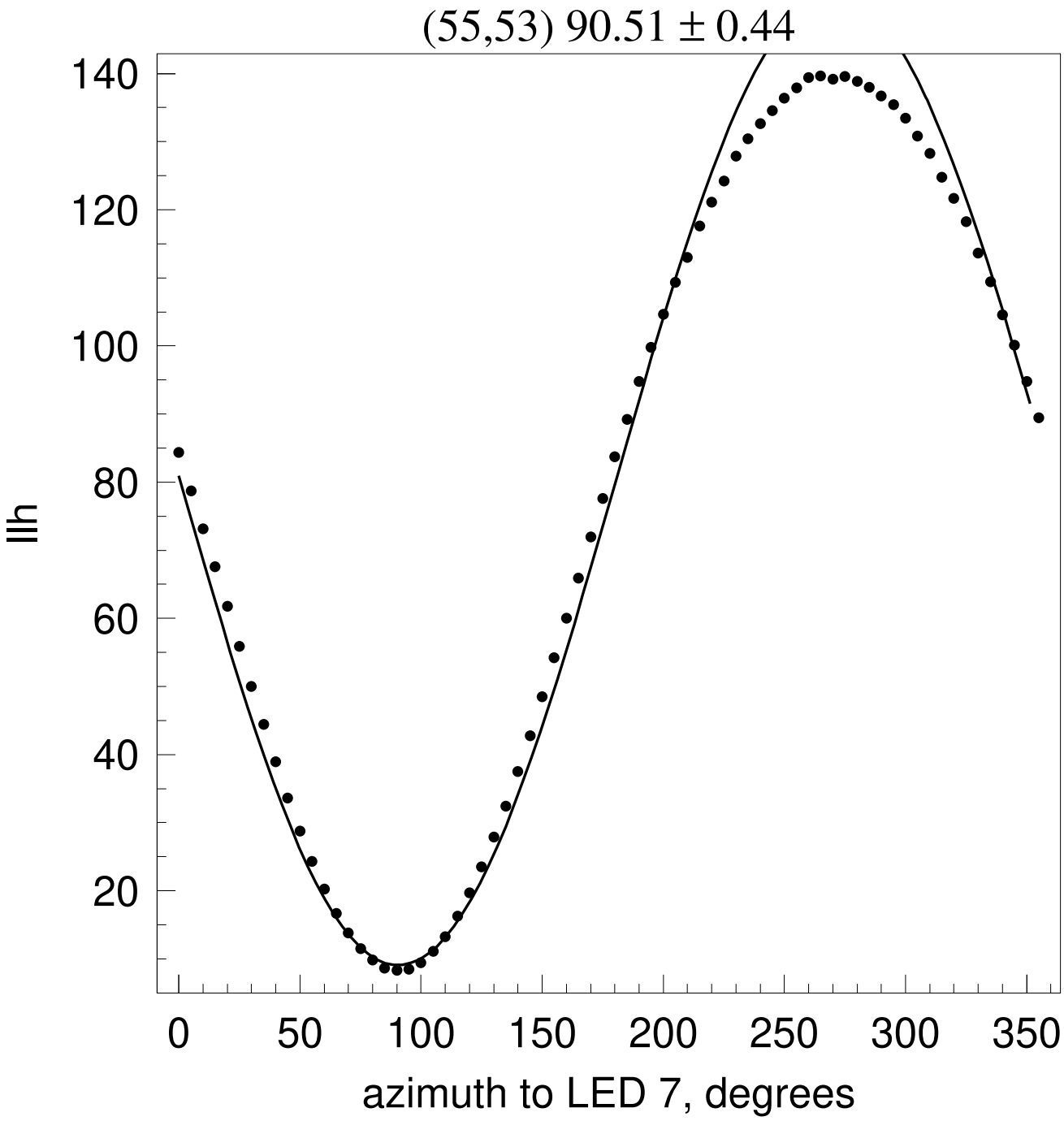

(55,48) 176.82 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

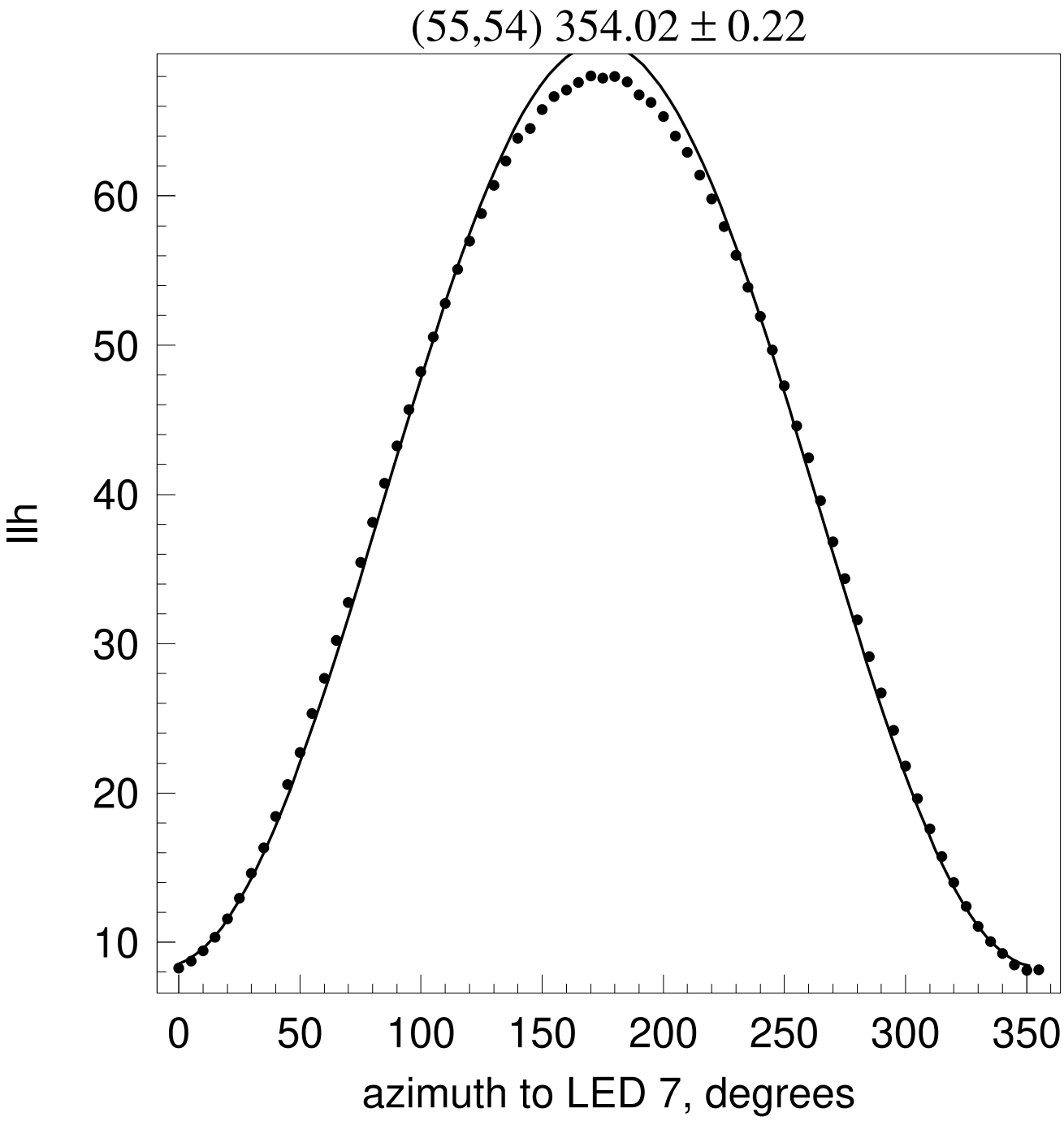

(55,49) 87.80 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

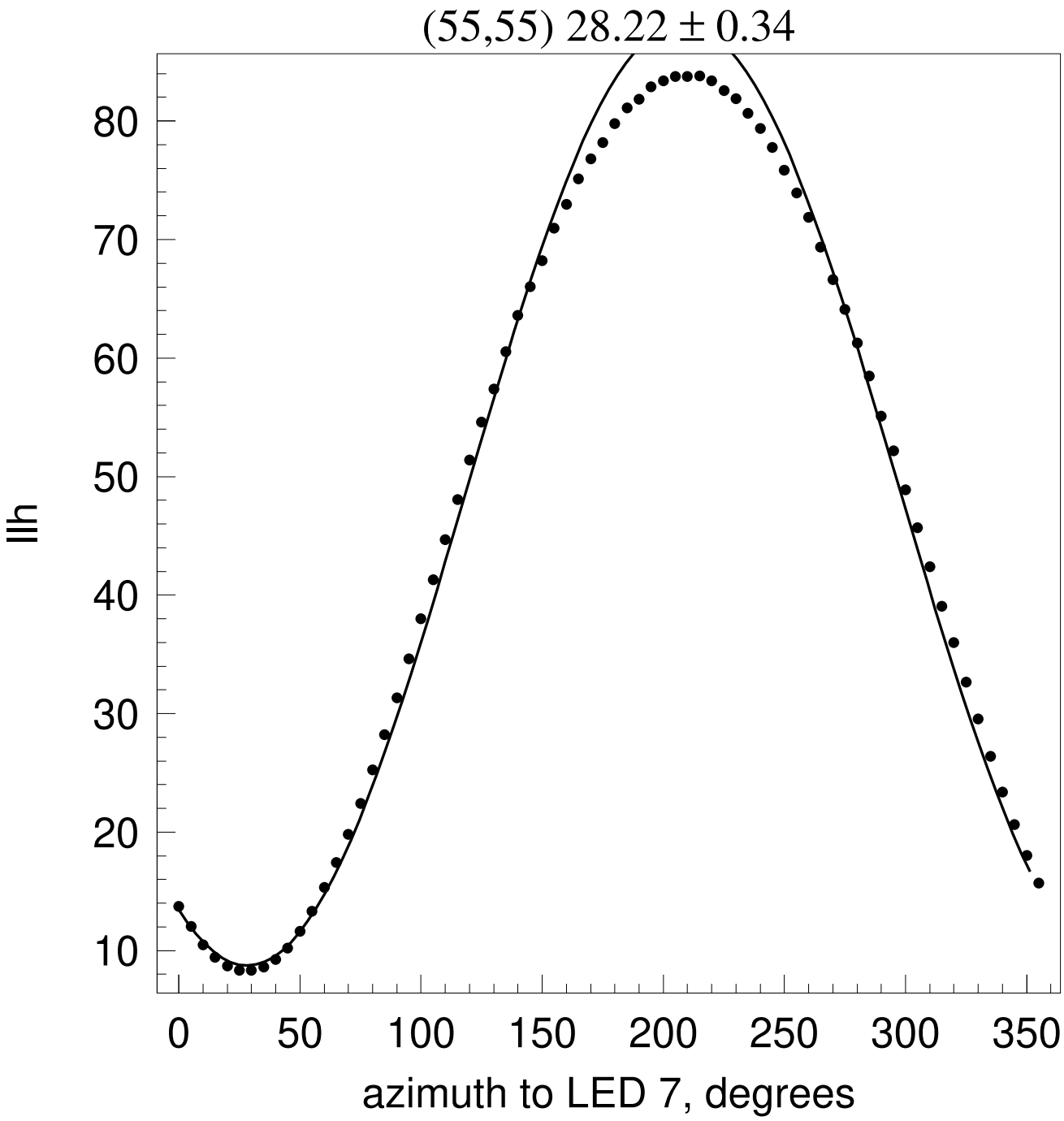

(55,50) 263.02 ± 0.70
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

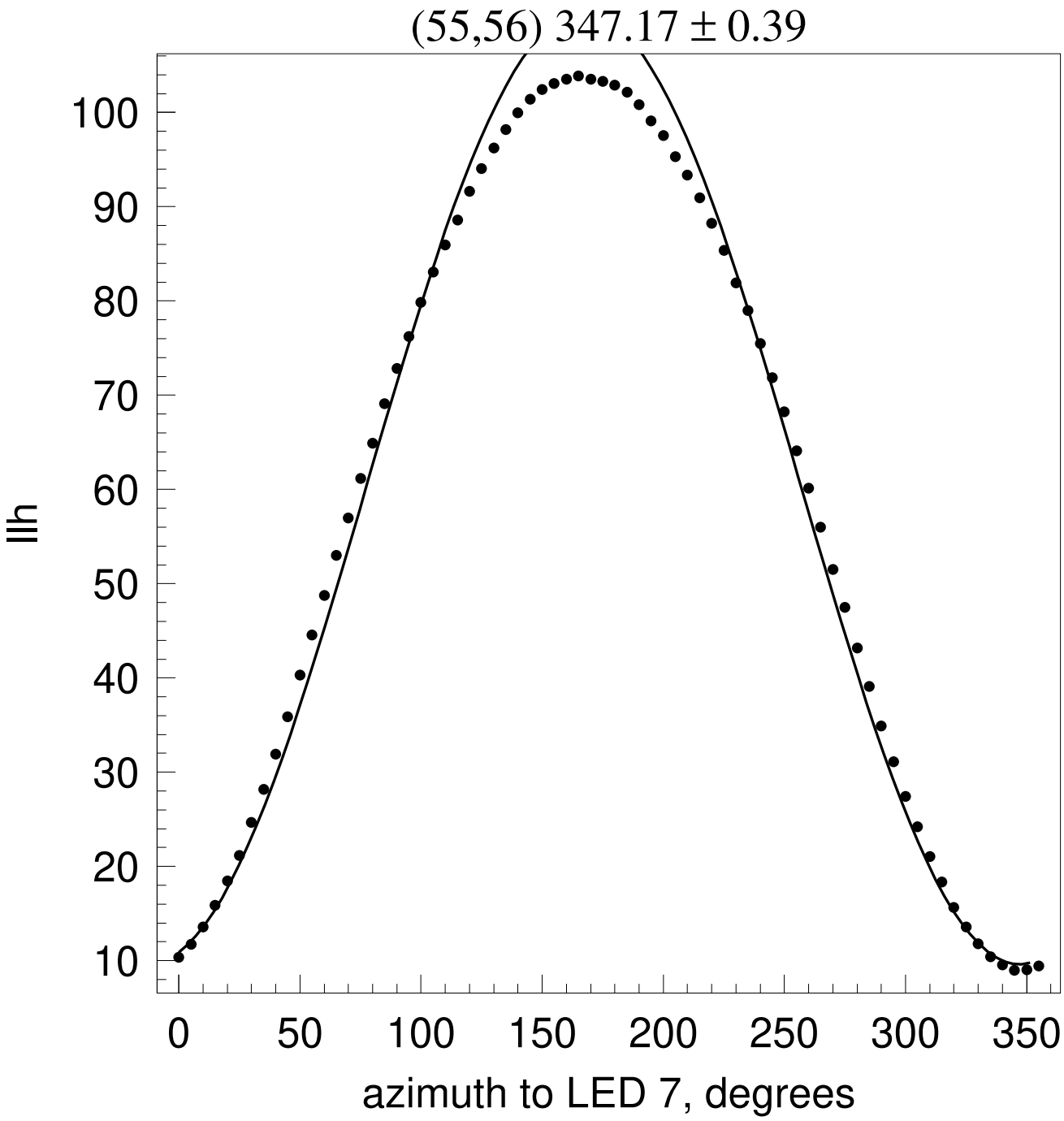

(55,51) 90.47 ± 0.59
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

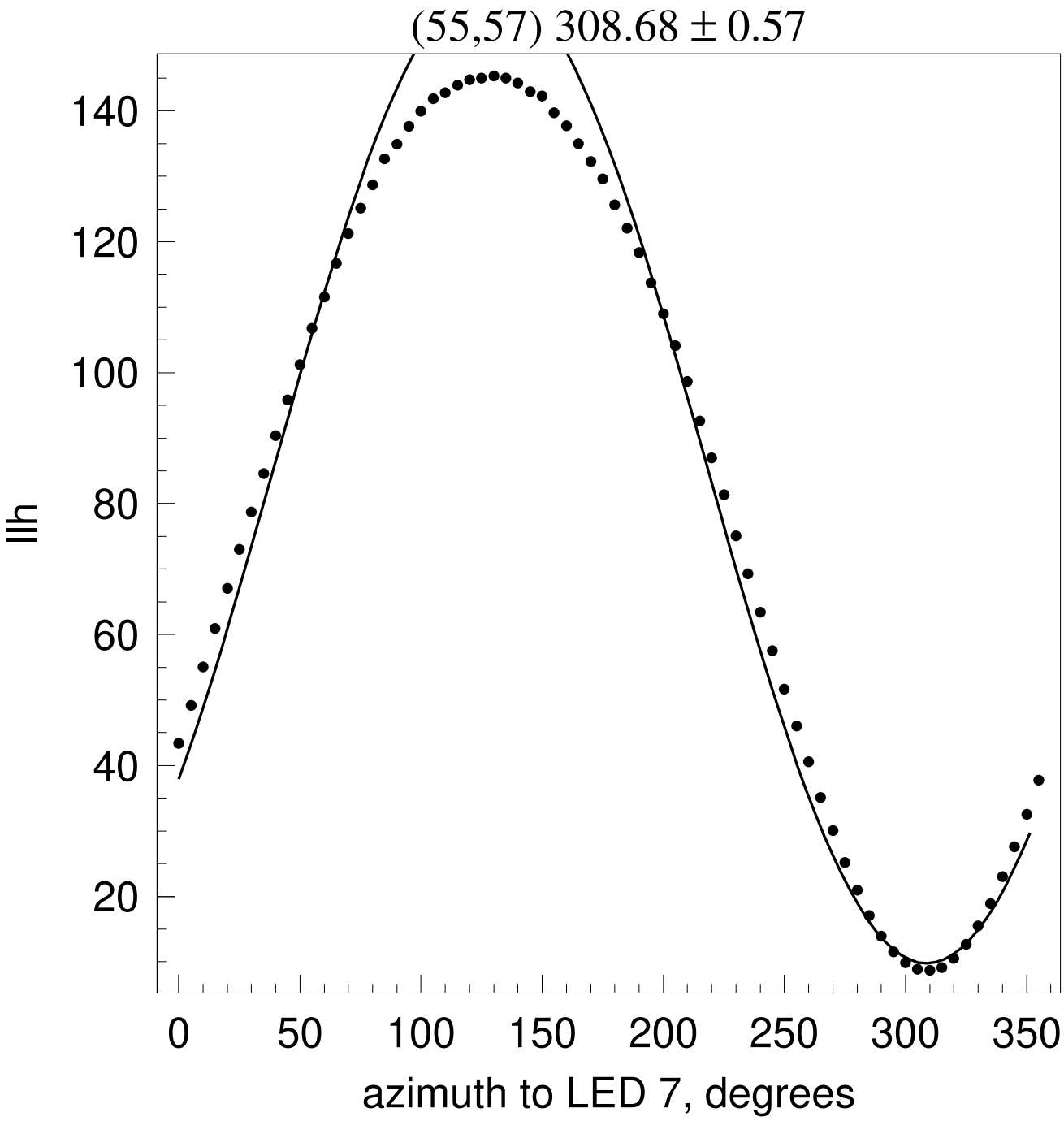

(55,52) 19.65 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

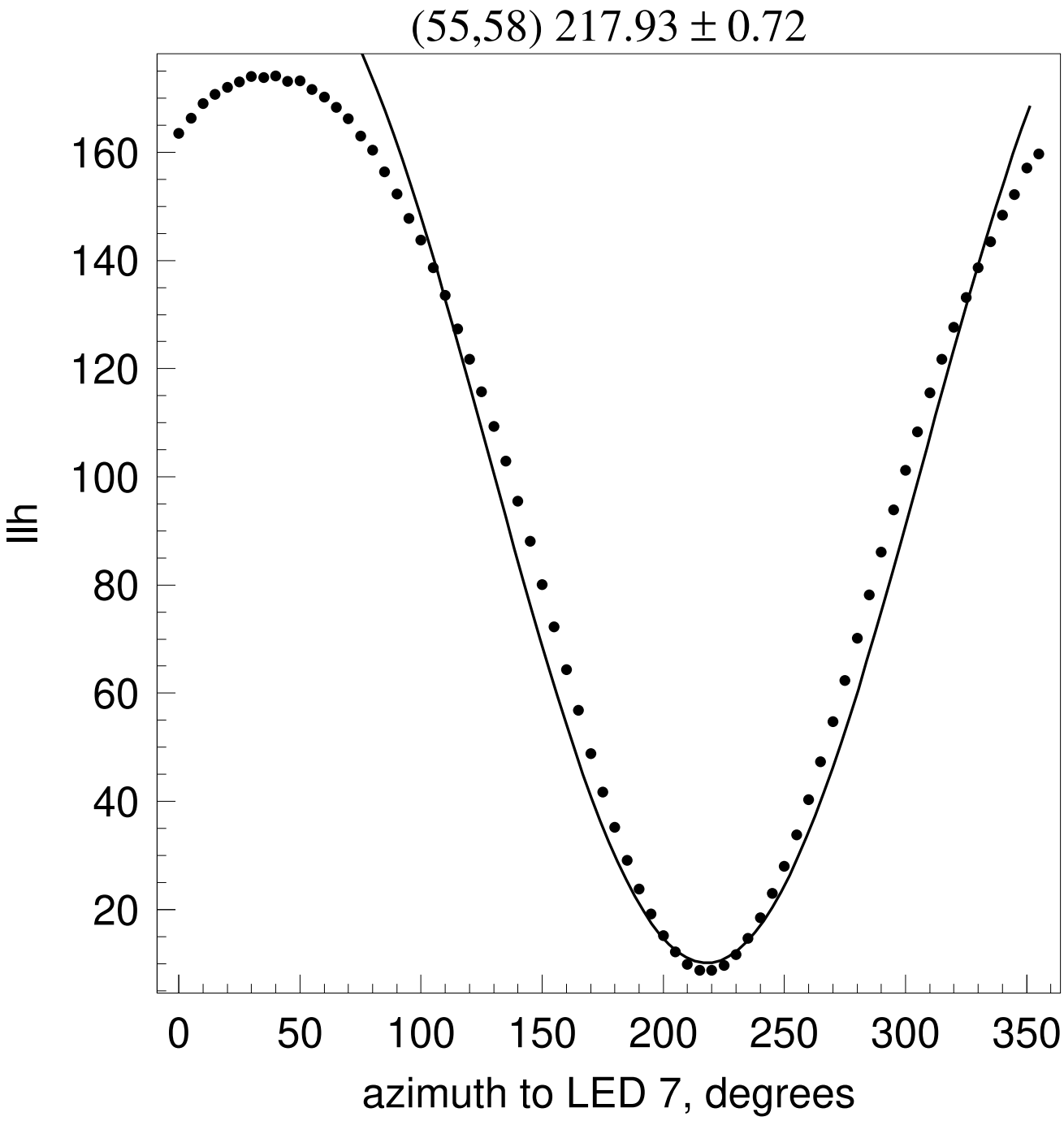

(55,53) 90.51 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

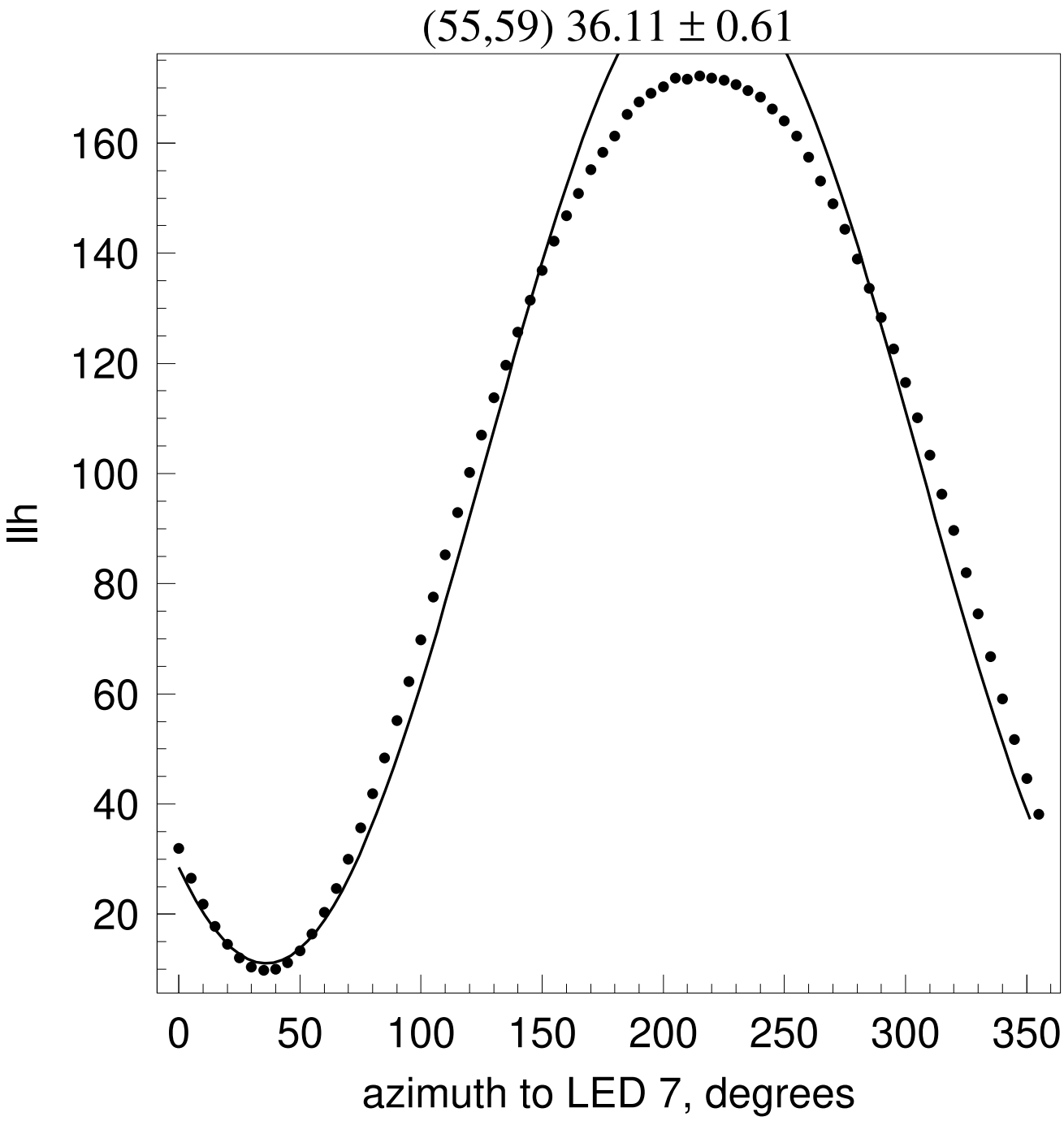

(55,54) 354.02 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

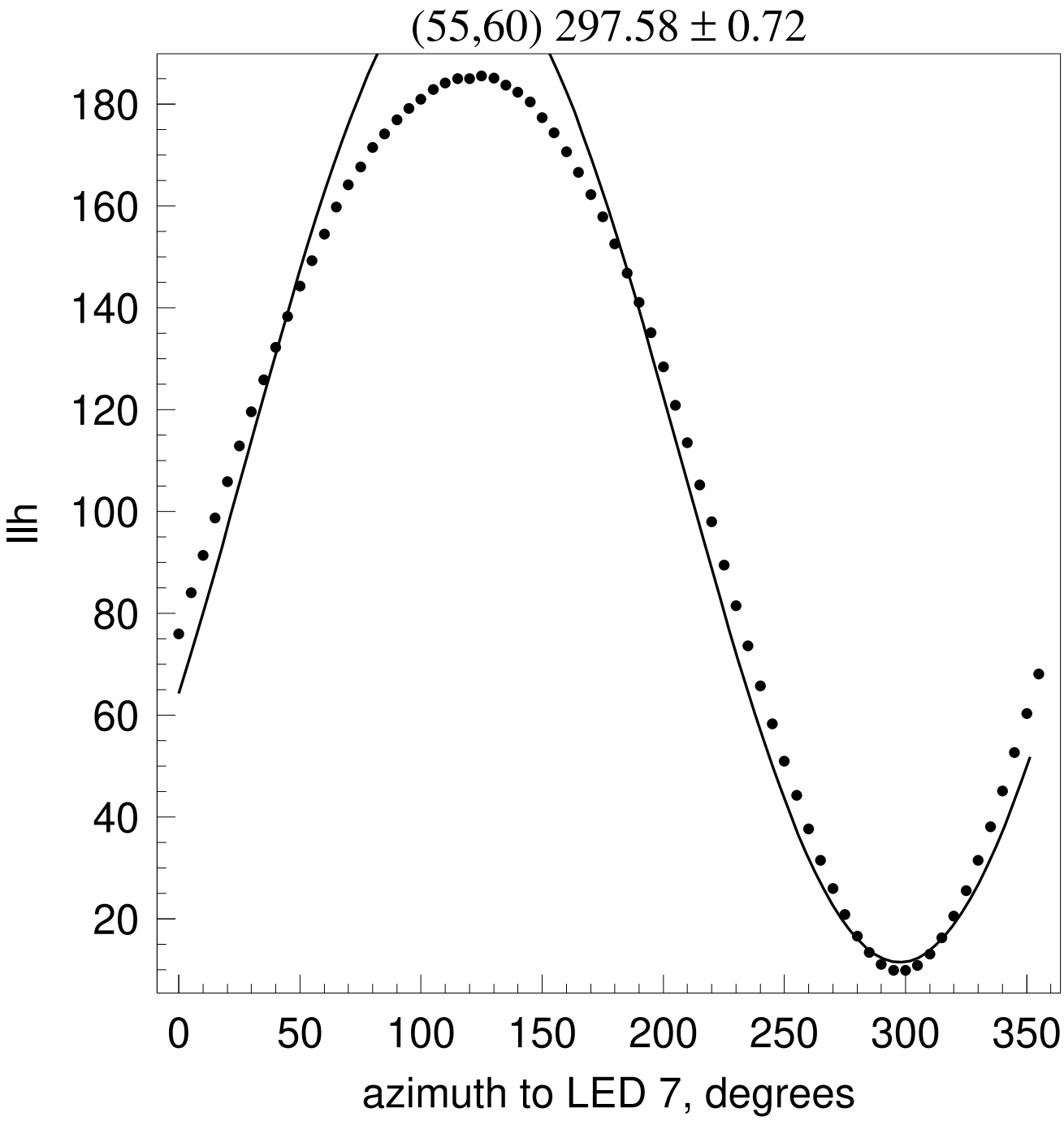

(55,55) 28.22 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

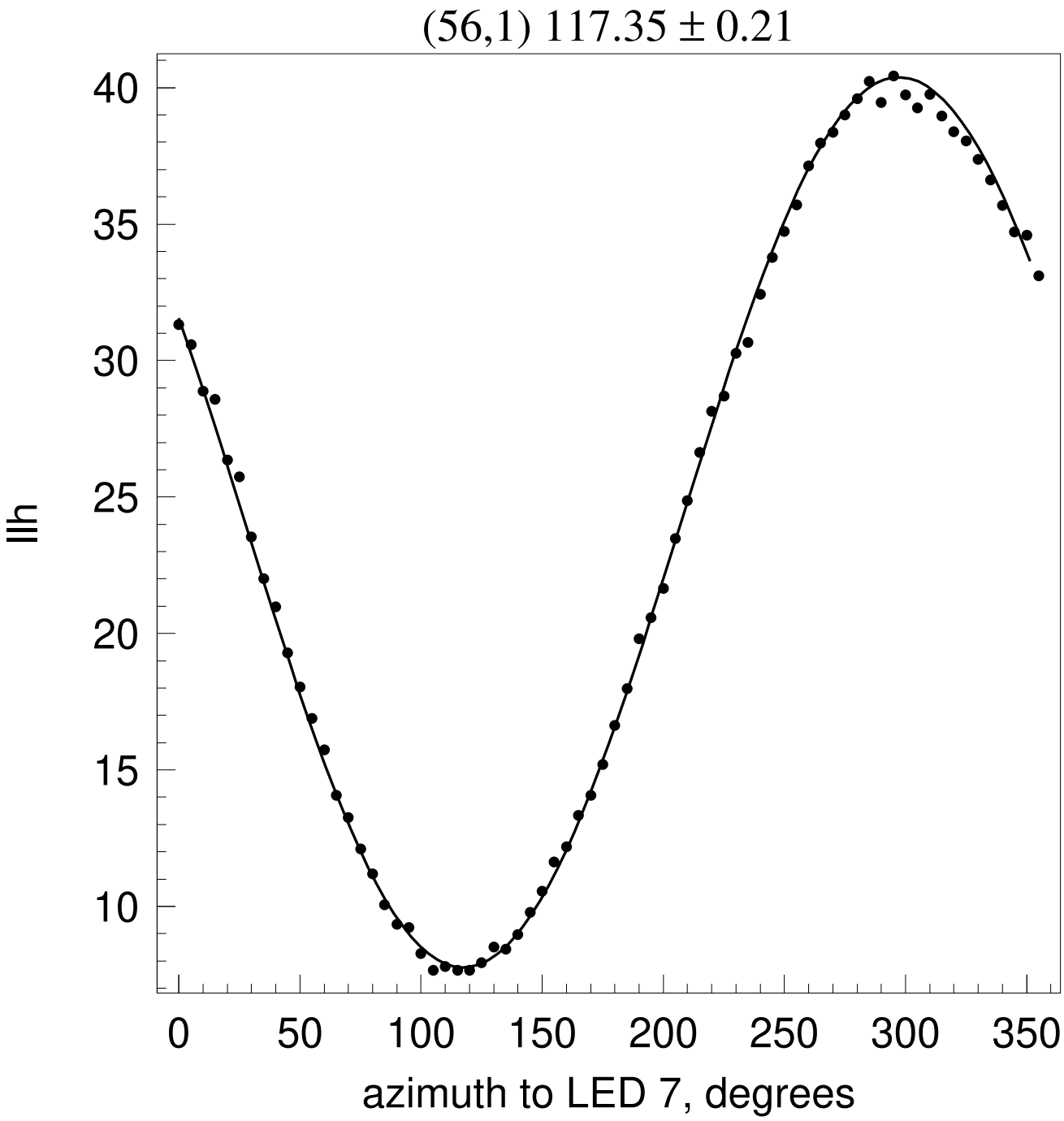

(55,56) 347.17 ± 0.39
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

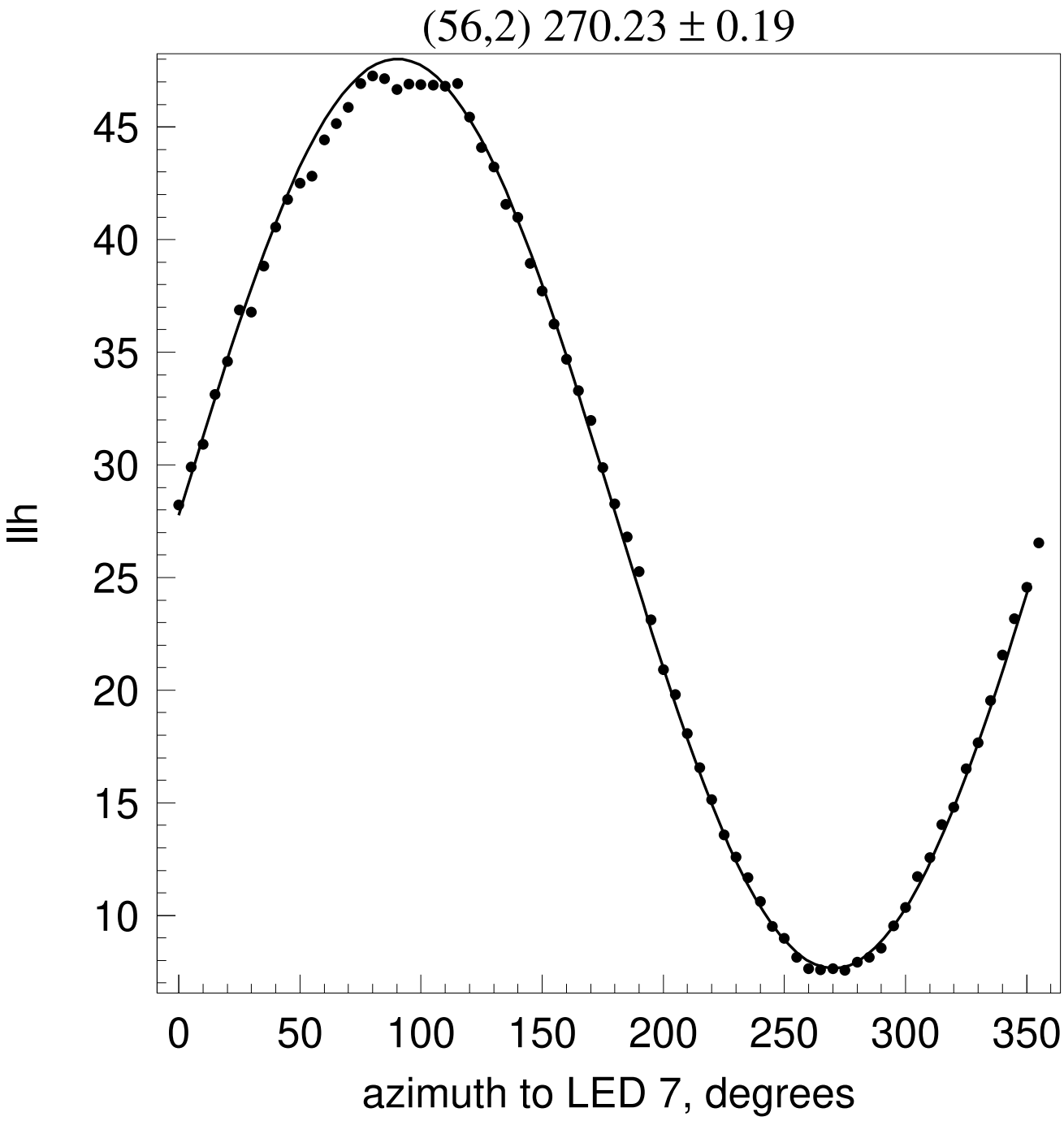

(55,57) 308.68 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

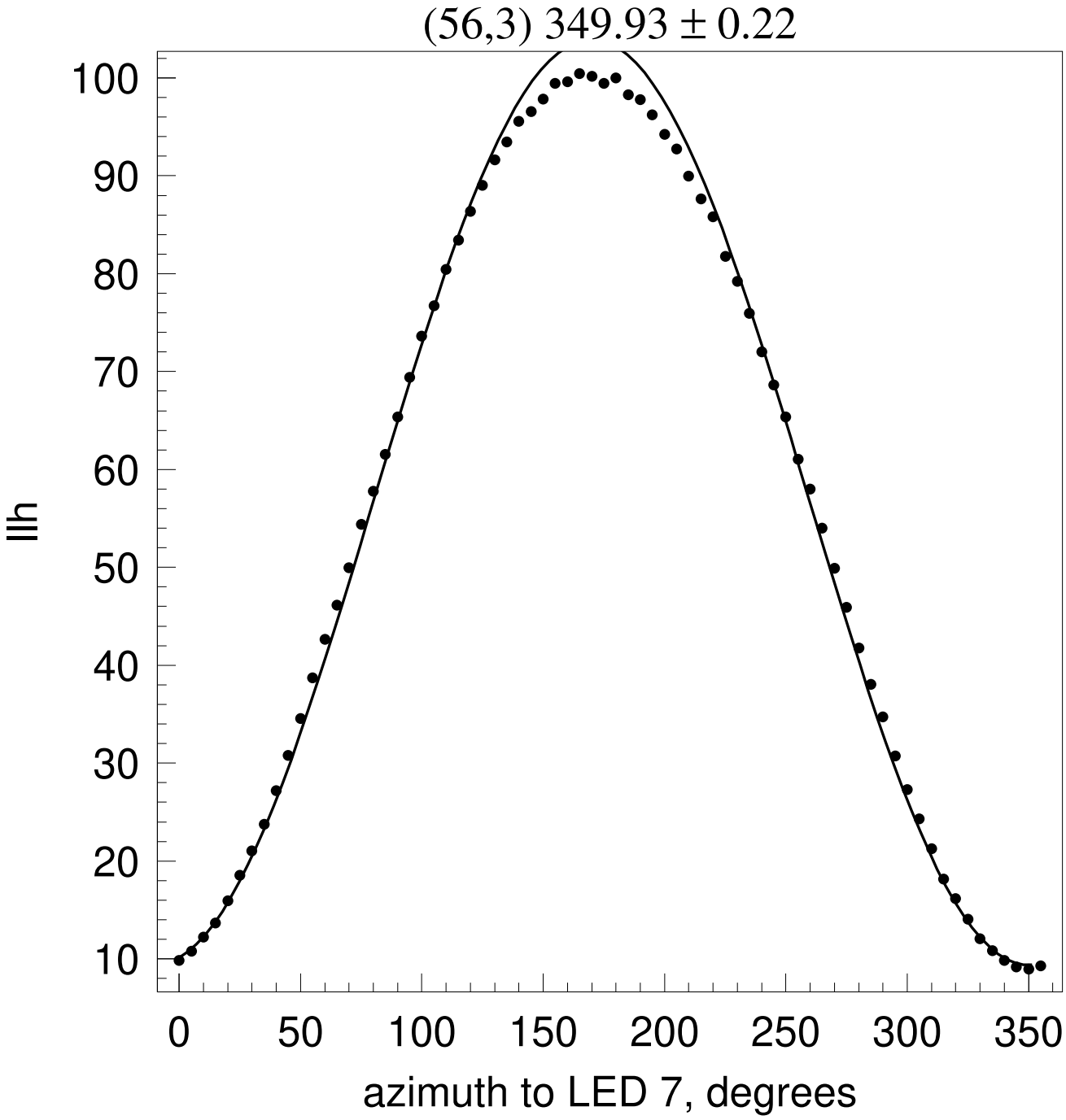

(55,58) 217.93 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

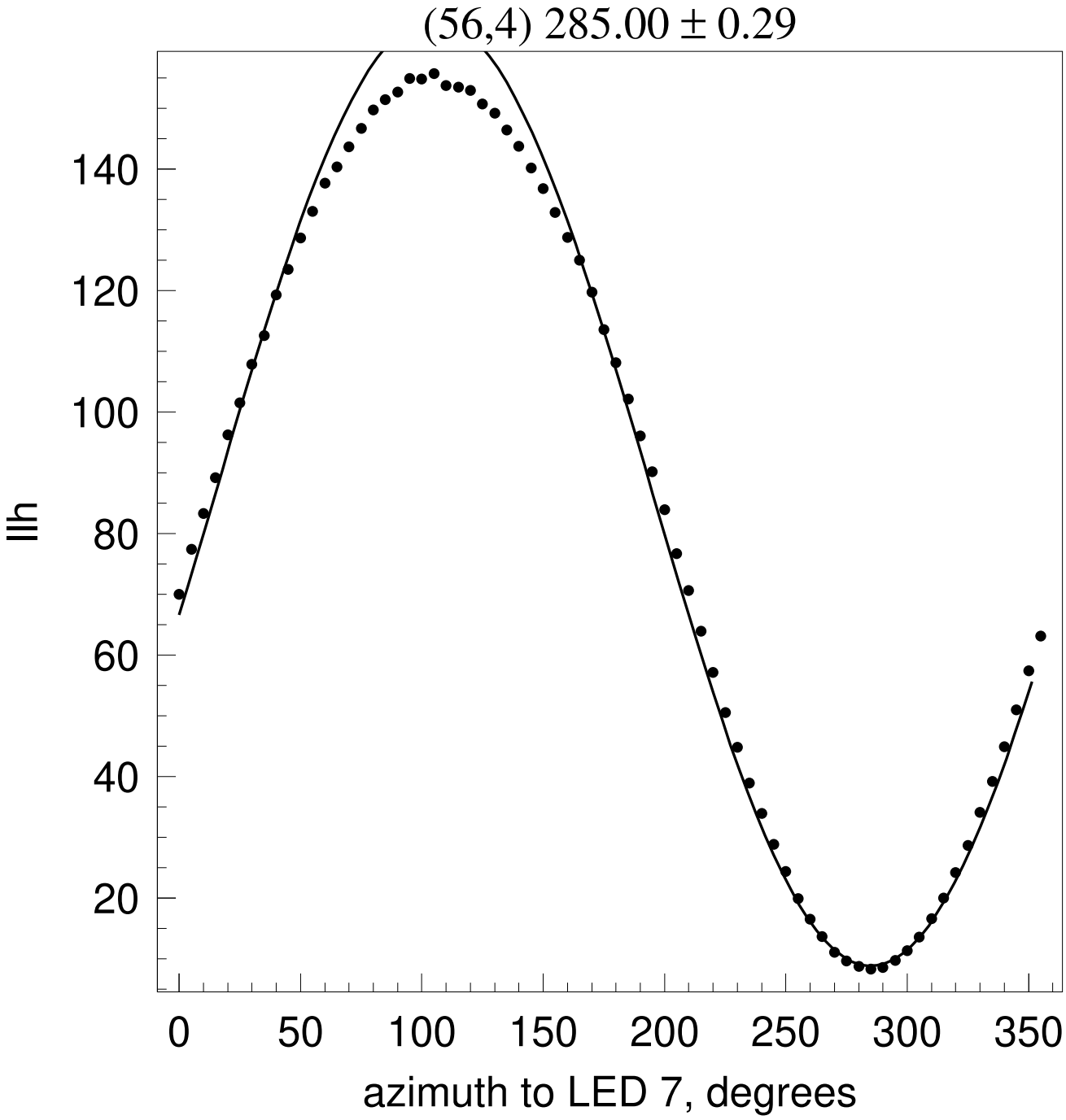

(55,59) 36.11 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

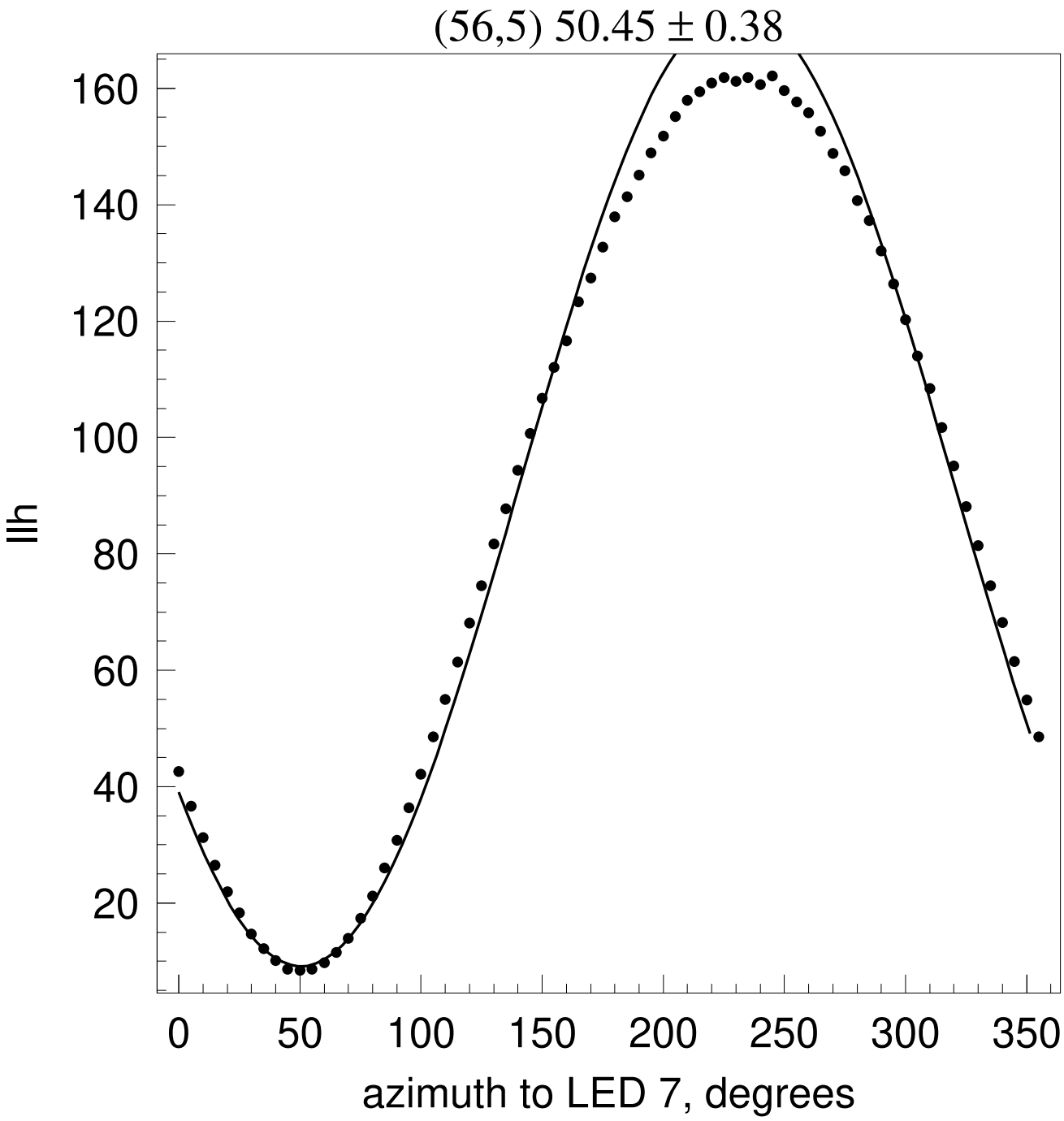

(55,60) 297.58 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

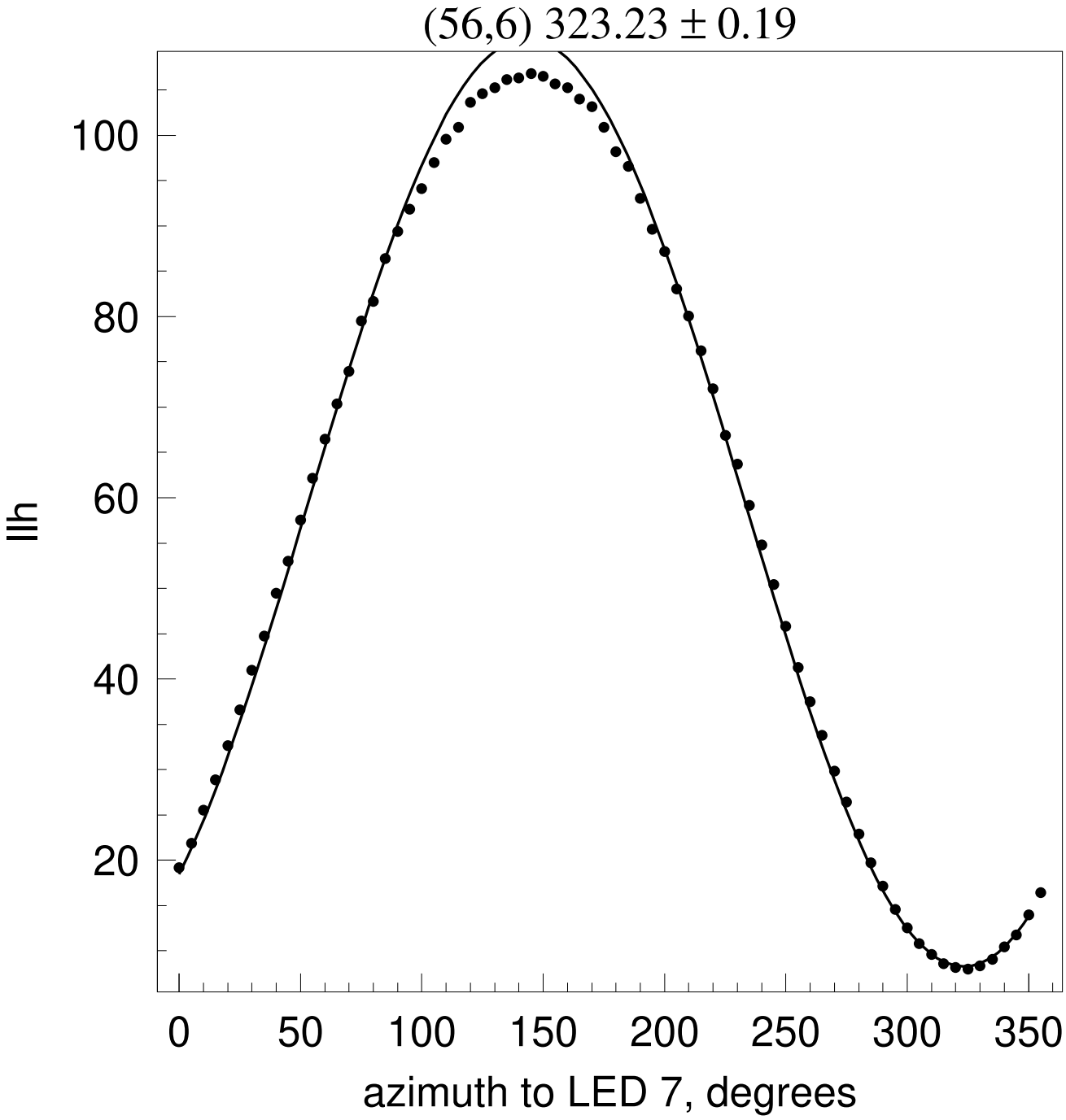

(56,1) 117.35 ± 0.21
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

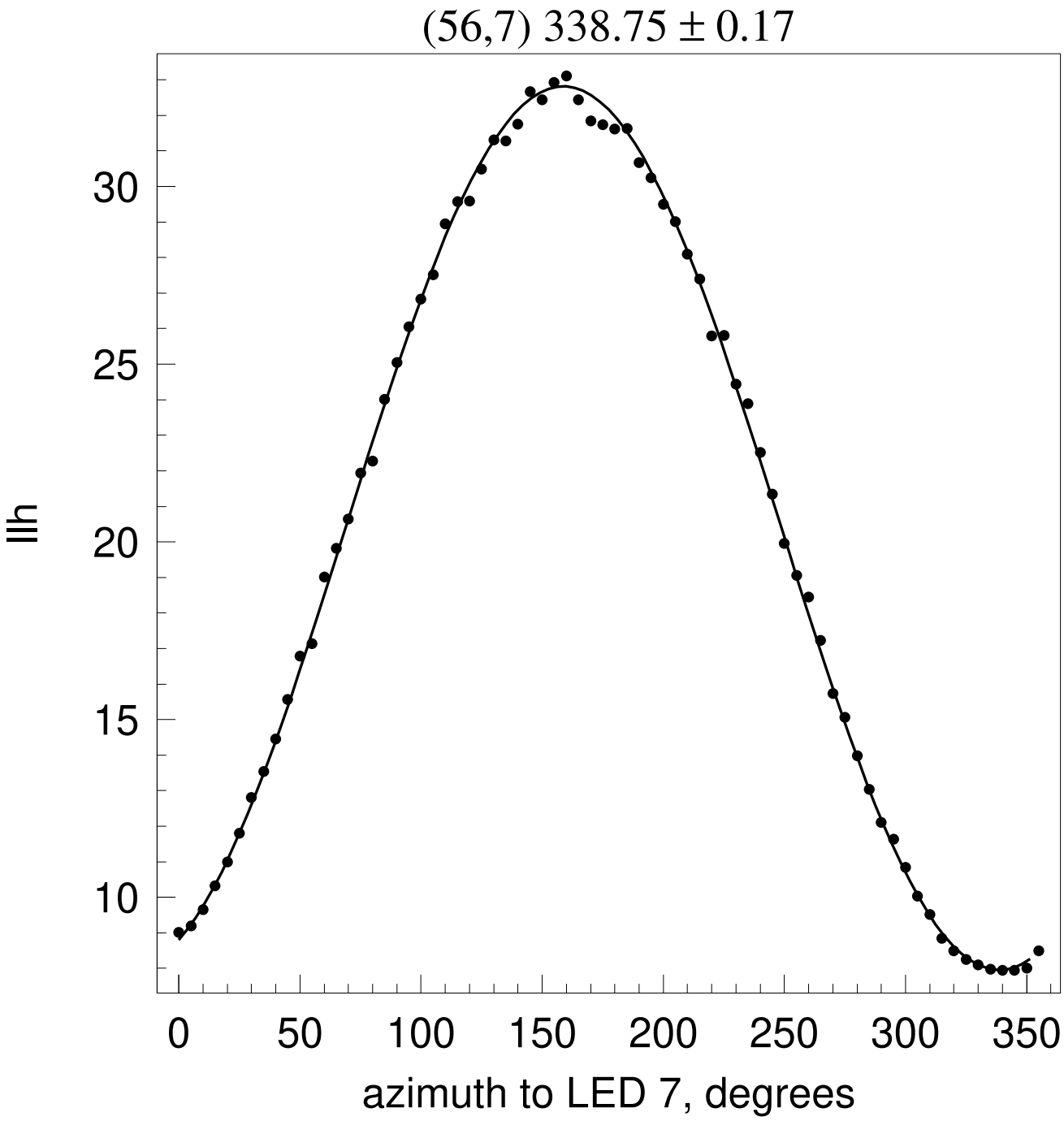

(56,2) 270.23 ± 0.19
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

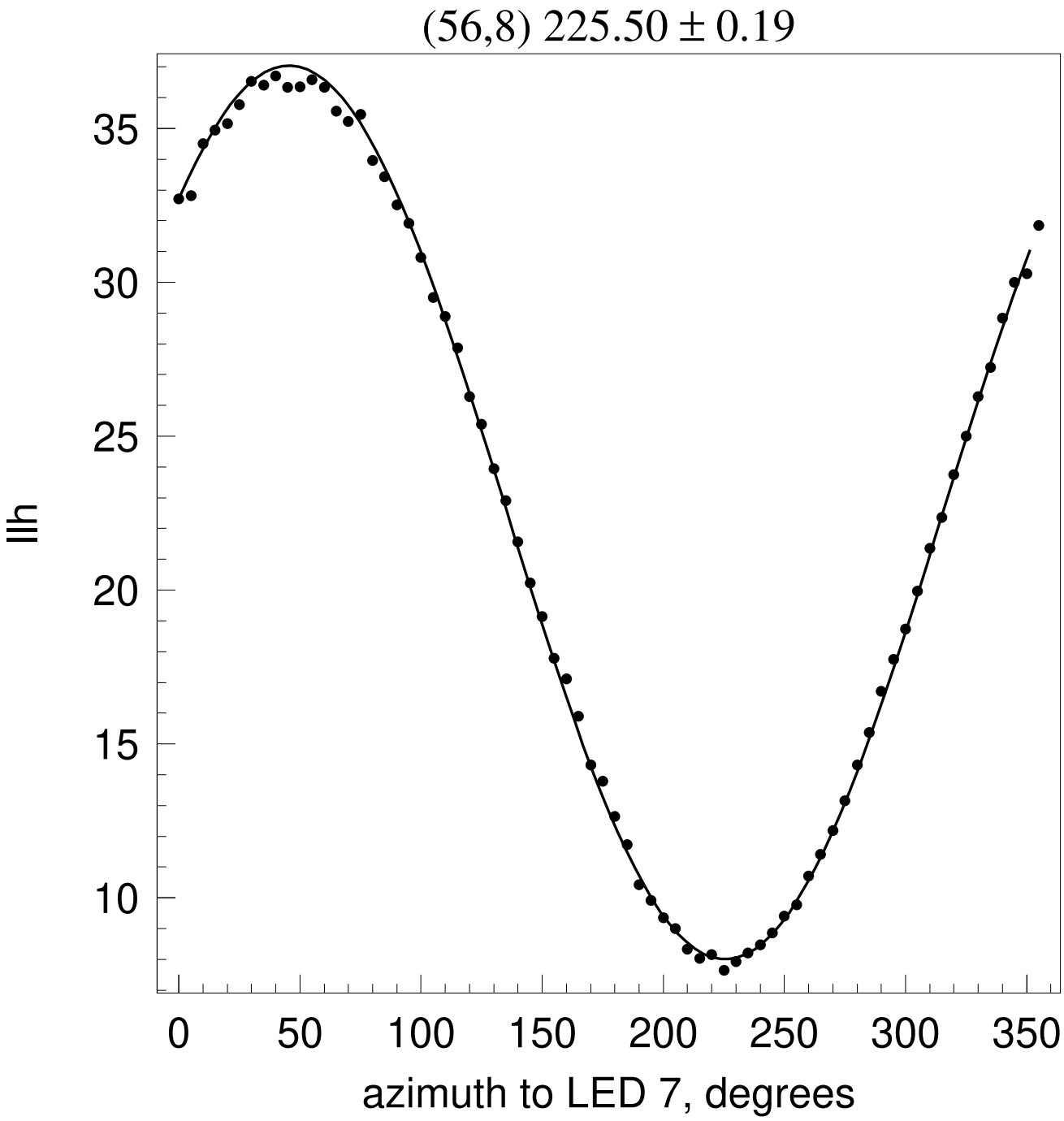

(56,3) 349.93 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

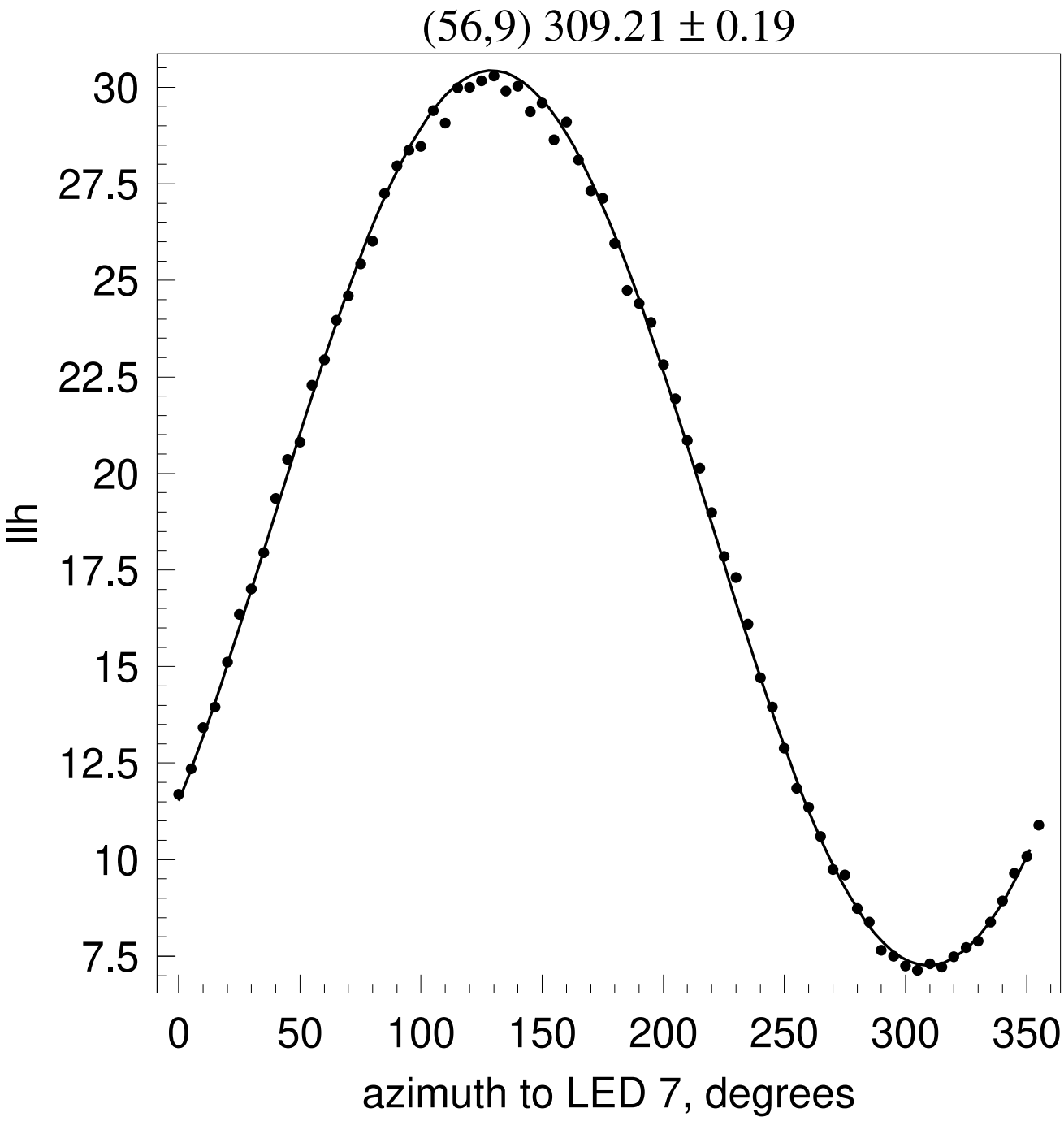

(56,4) 285.00 ± 0.29
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

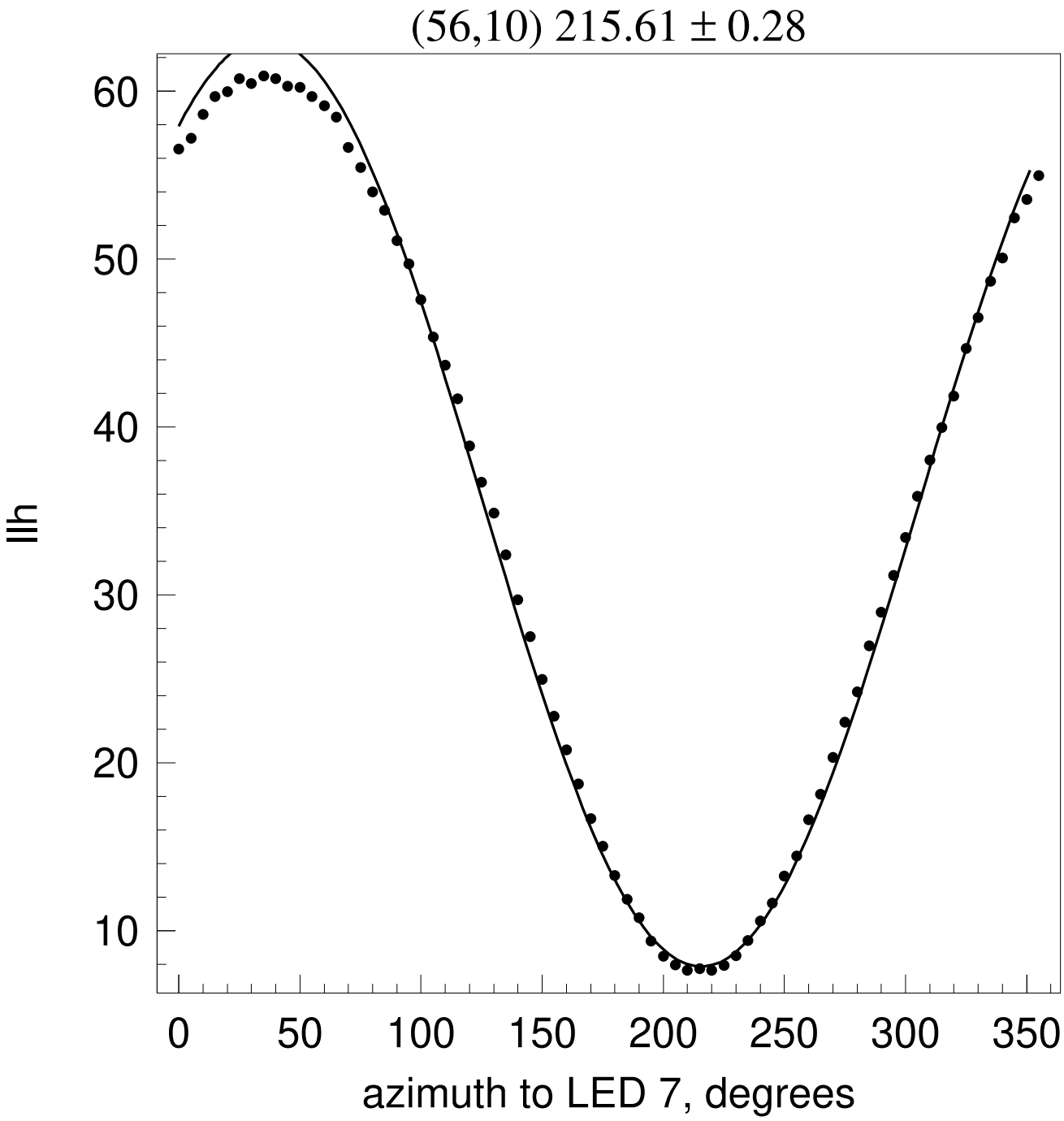

(56,5) 50.45 ± 0.38
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

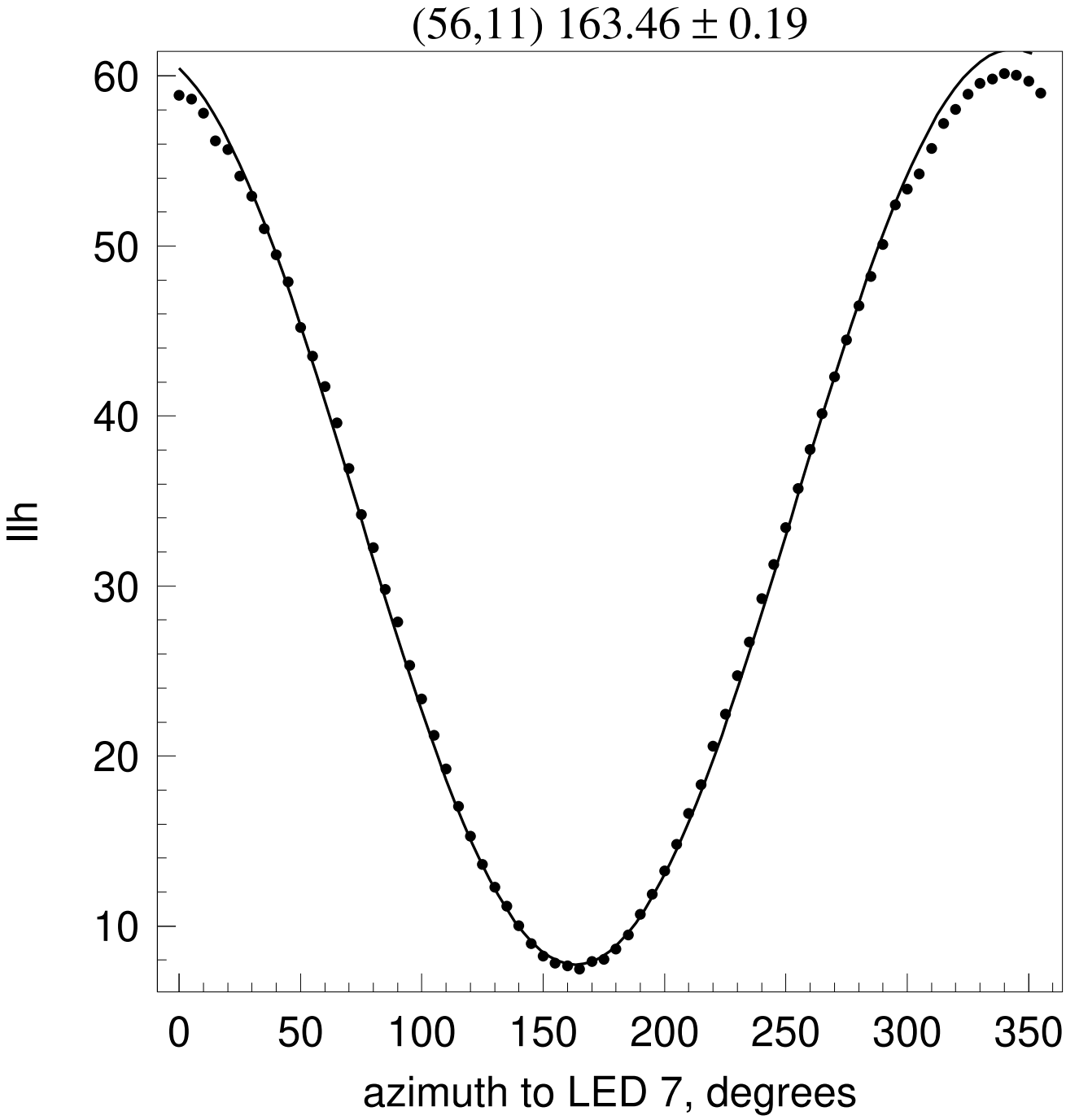

(56,6) 323.23 ± 0.19
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

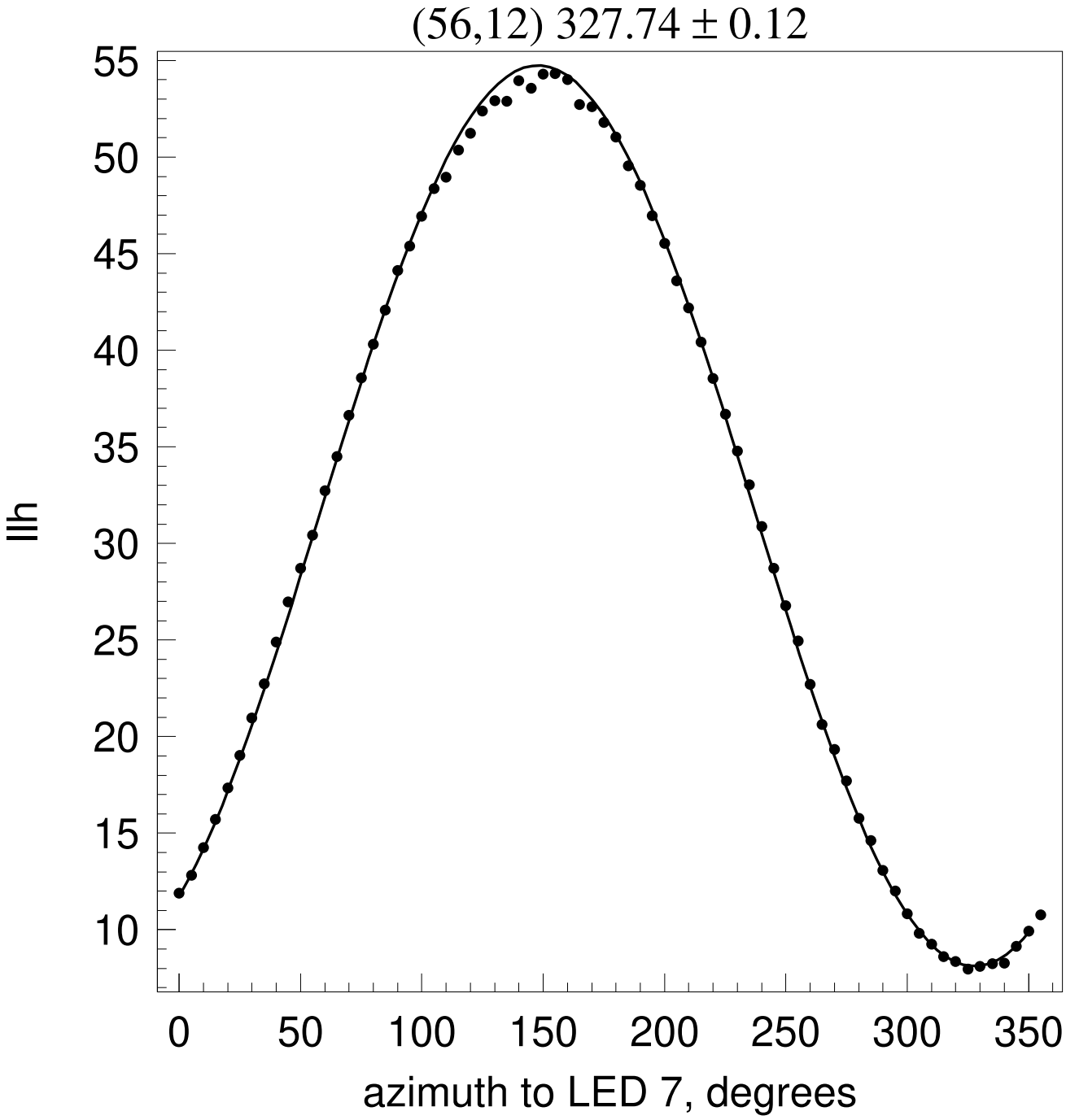

(56,7) 338.75 ± 0.17
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

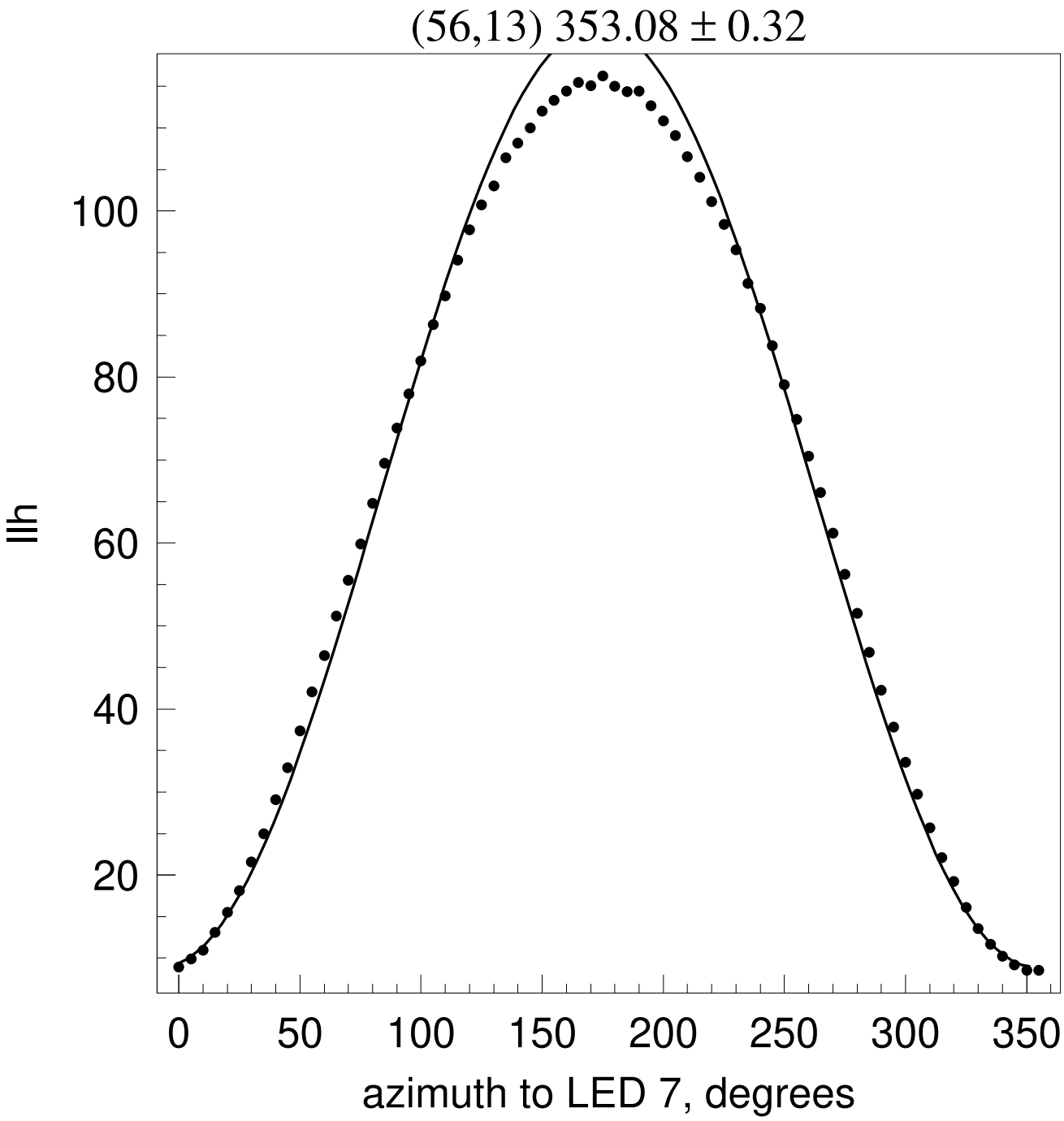

(56,8) 225.50 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

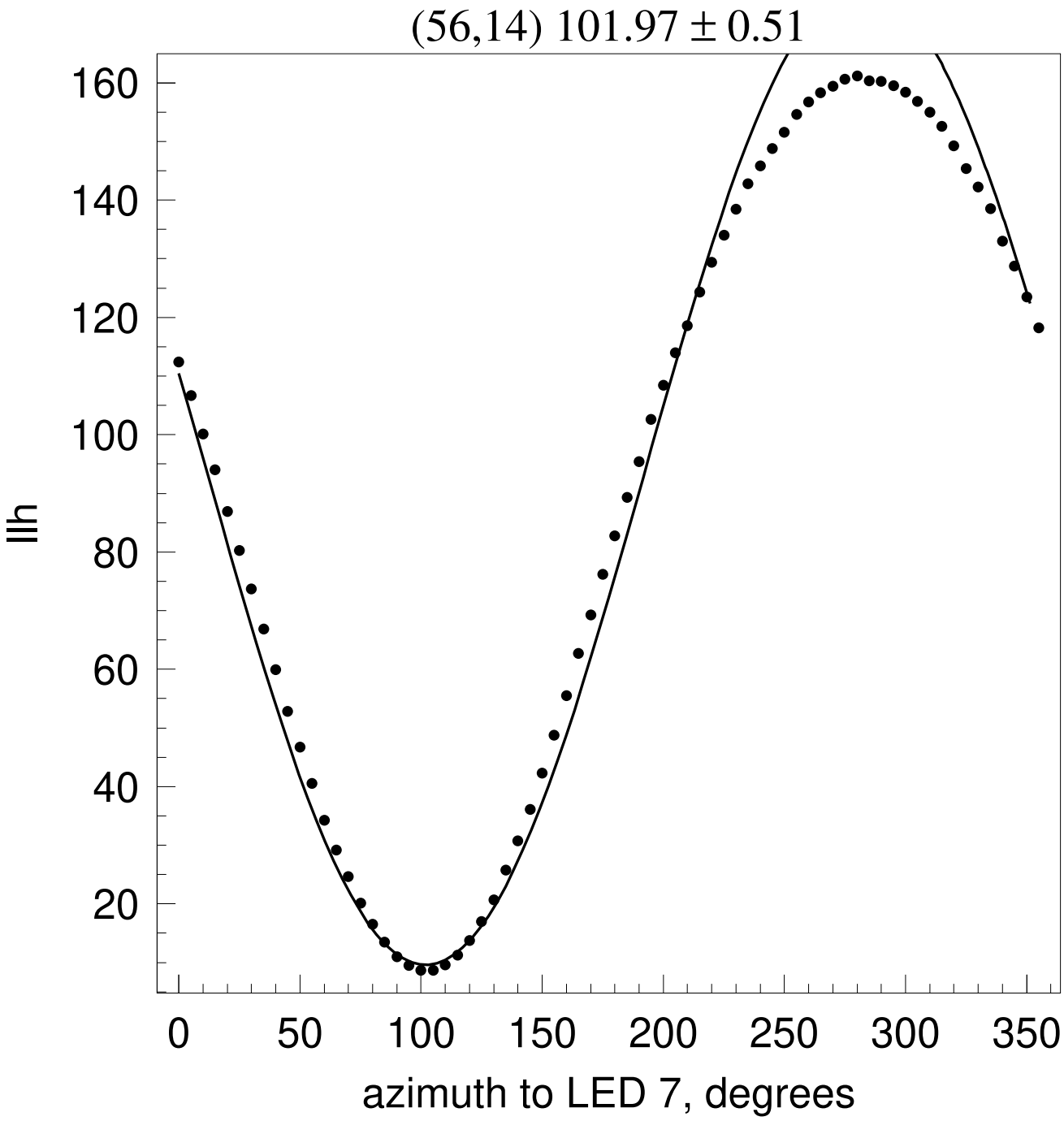

(56,9) 309.21 ± 0.19
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

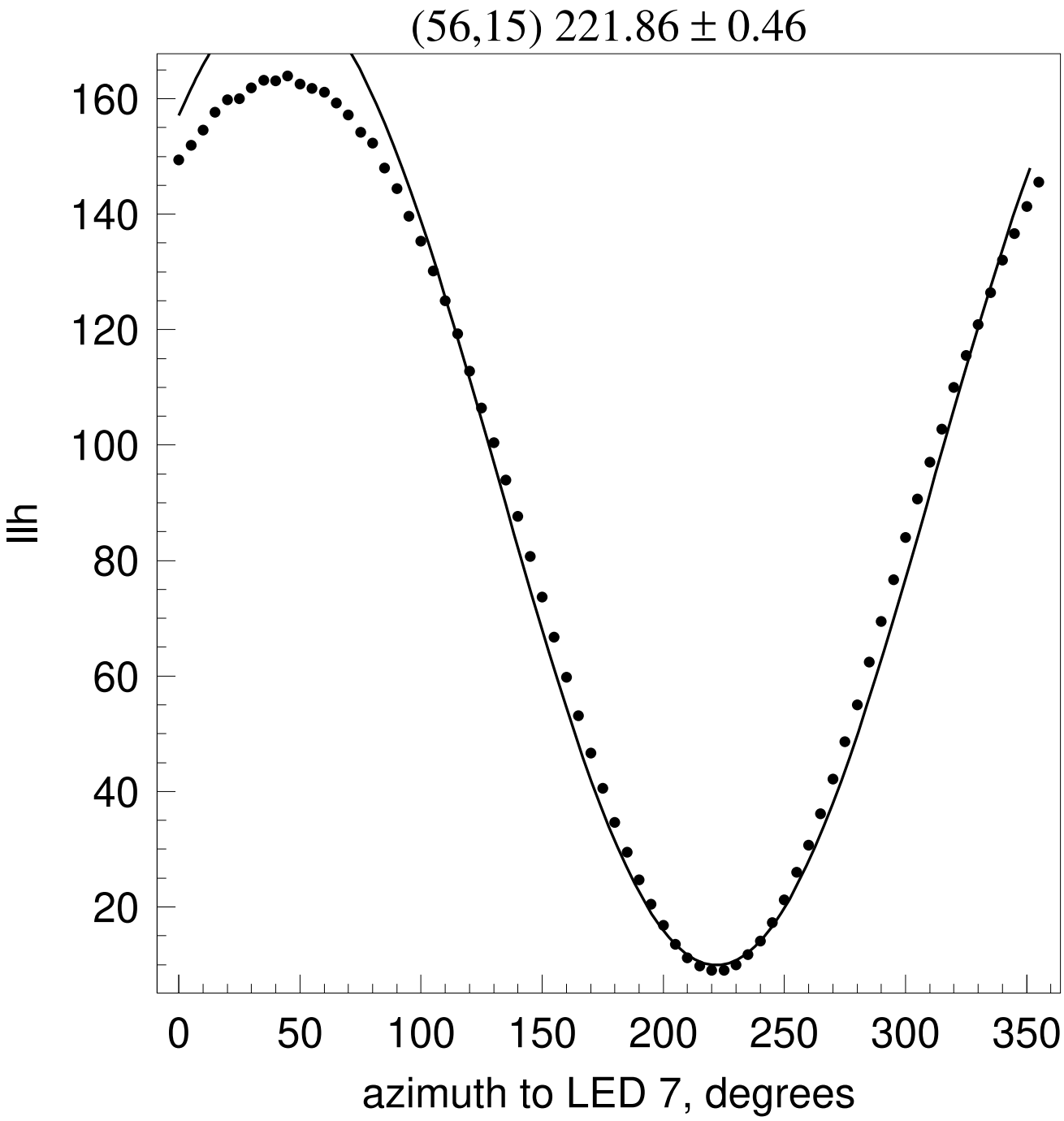

(56,10) 215.61 ± 0.28
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

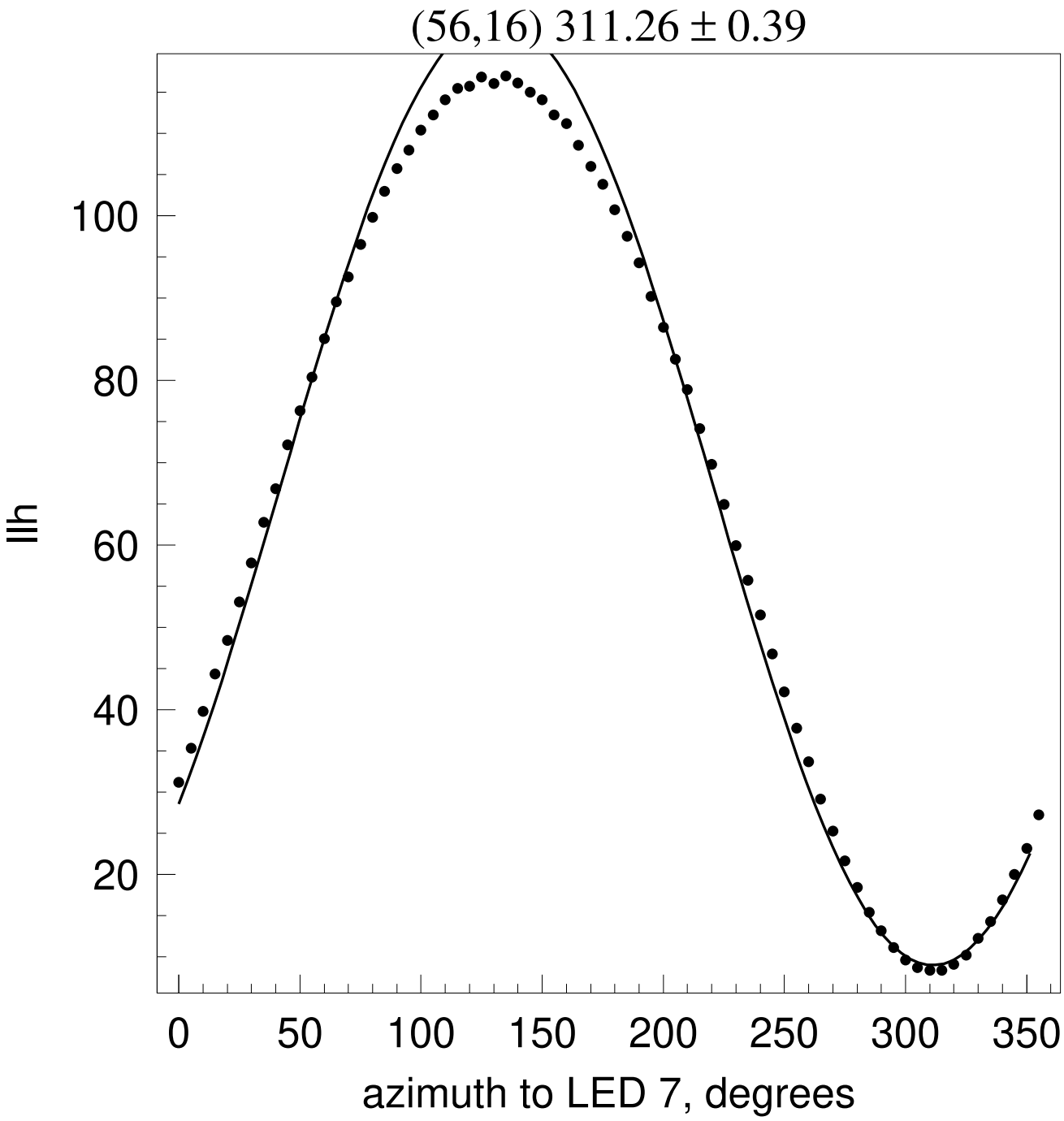

(56,11) 163.46 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

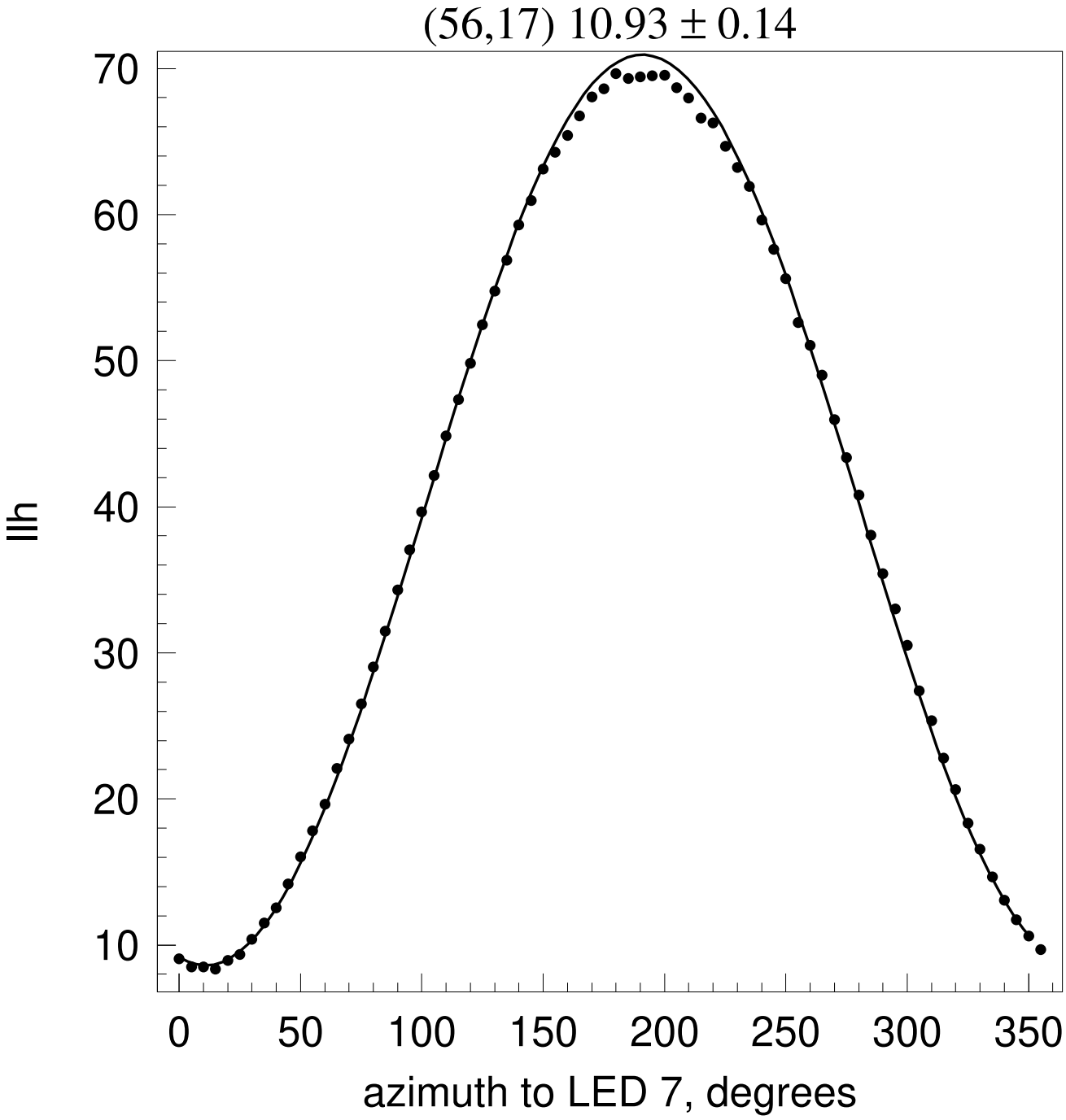

(56,12) 327.74 ± 0.12
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

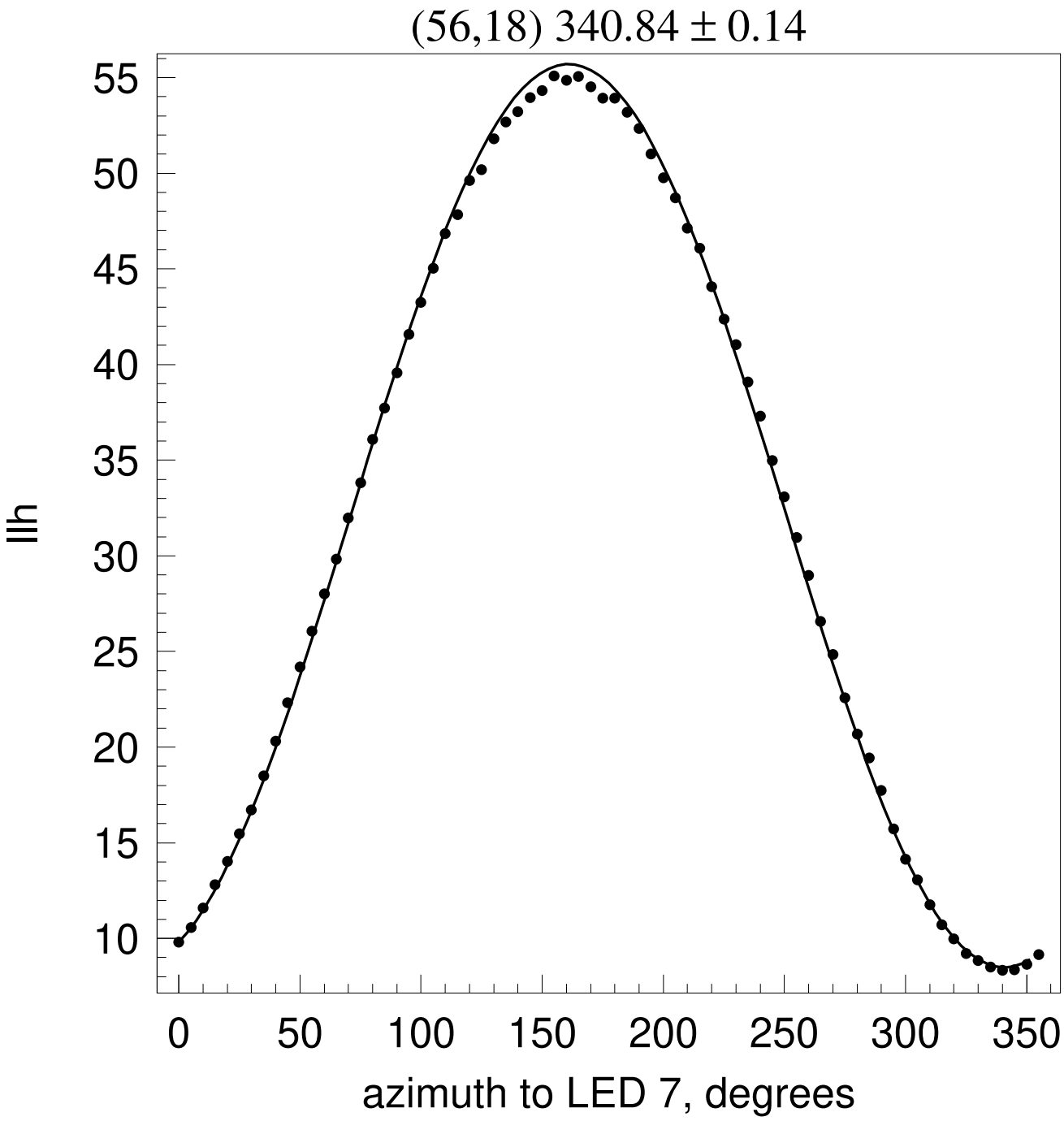

(56,13) 353.08 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

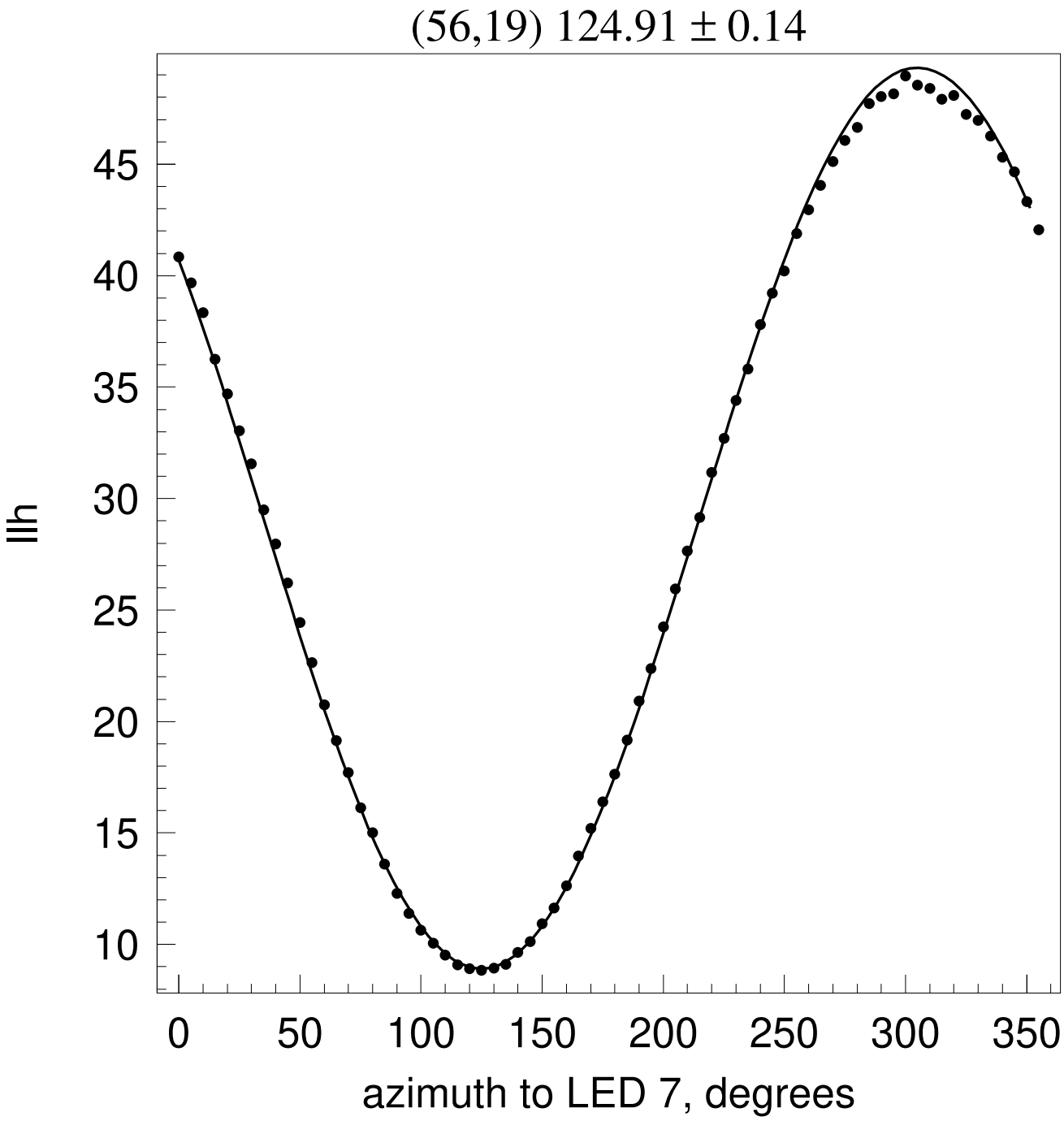

(56,14) 101.97 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

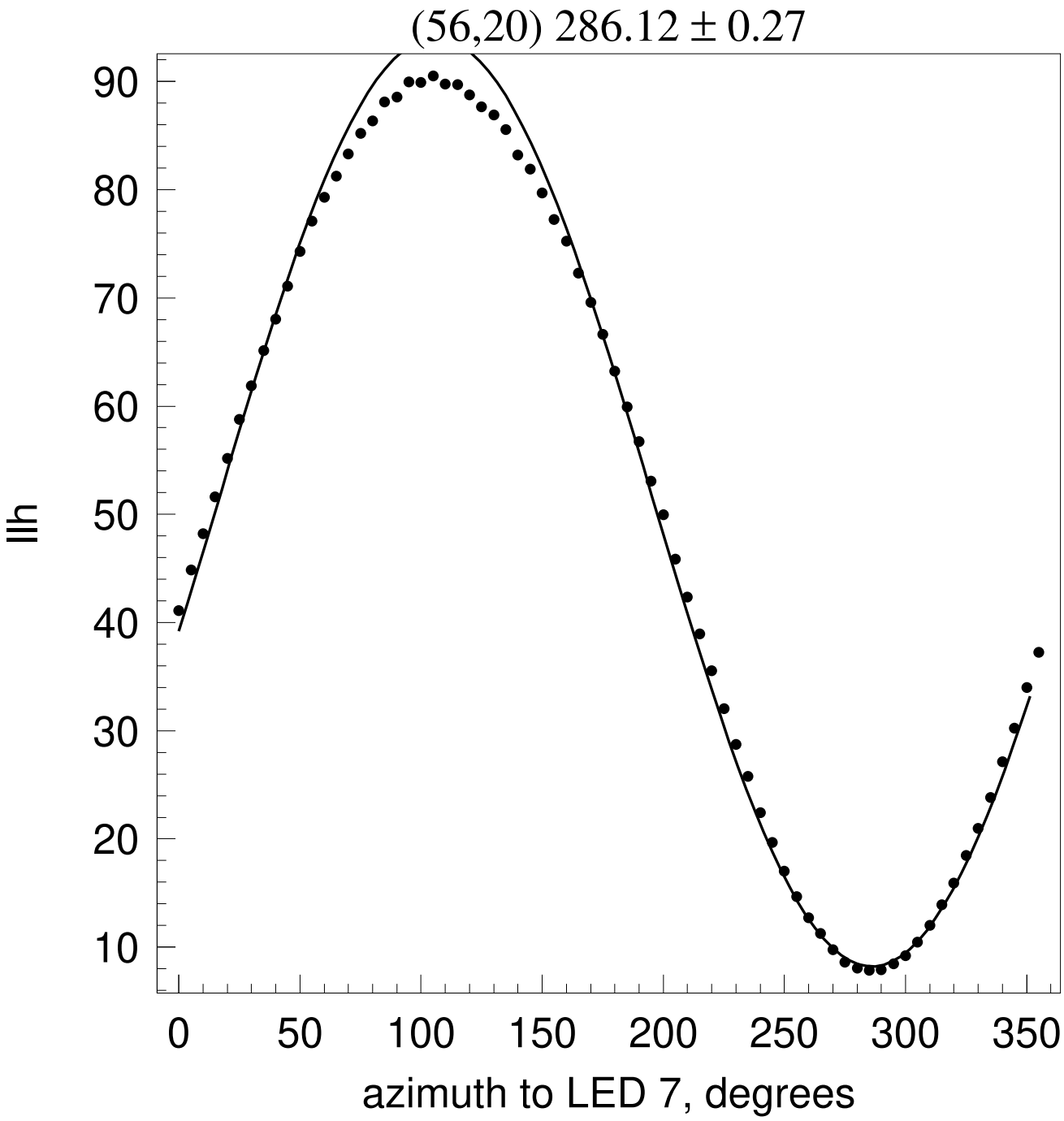

(56,15) 221.86 ± 0.46
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

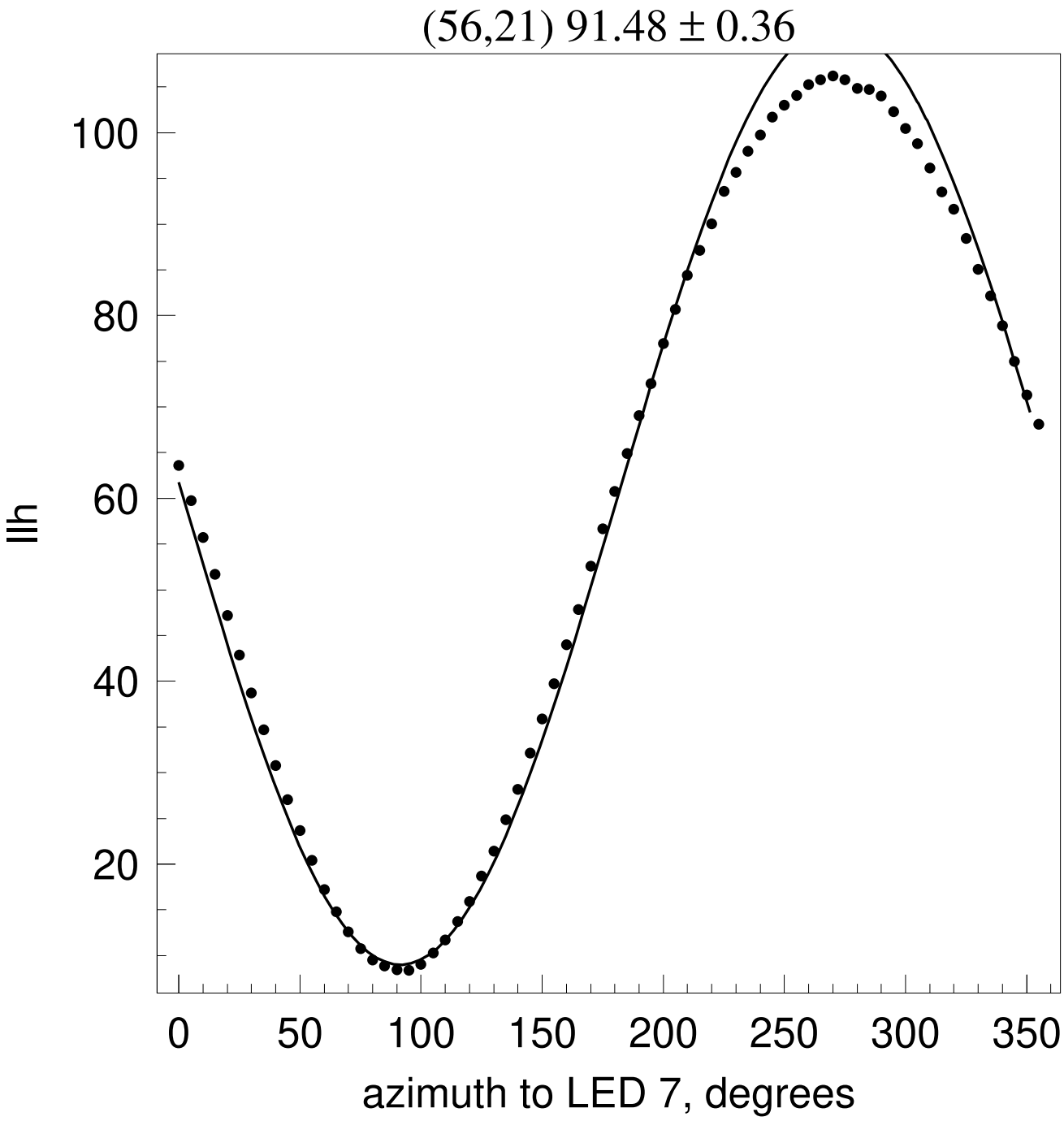

(56,16) 311.26 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

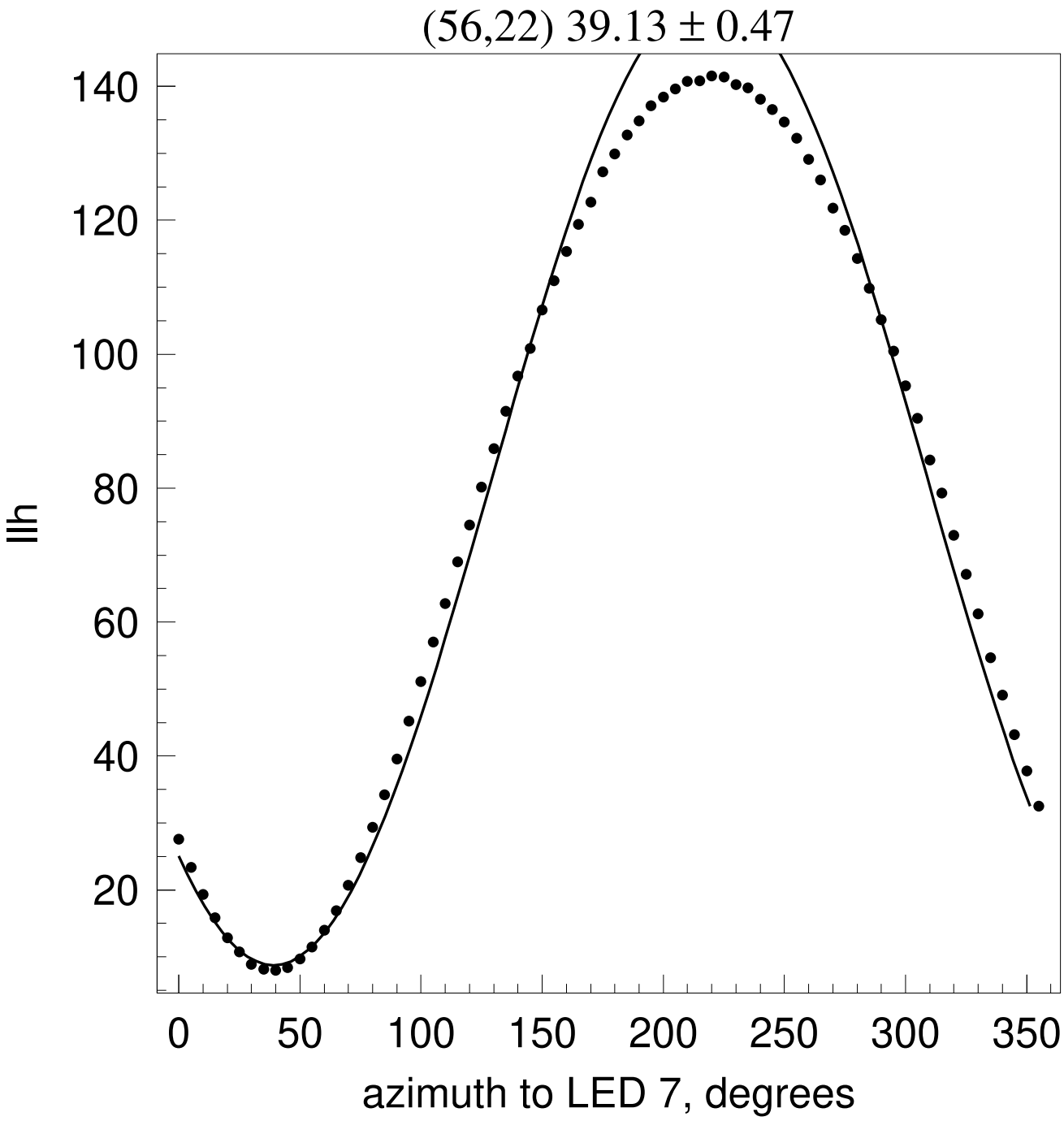

(56,17) 10.93 ± 0.14
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

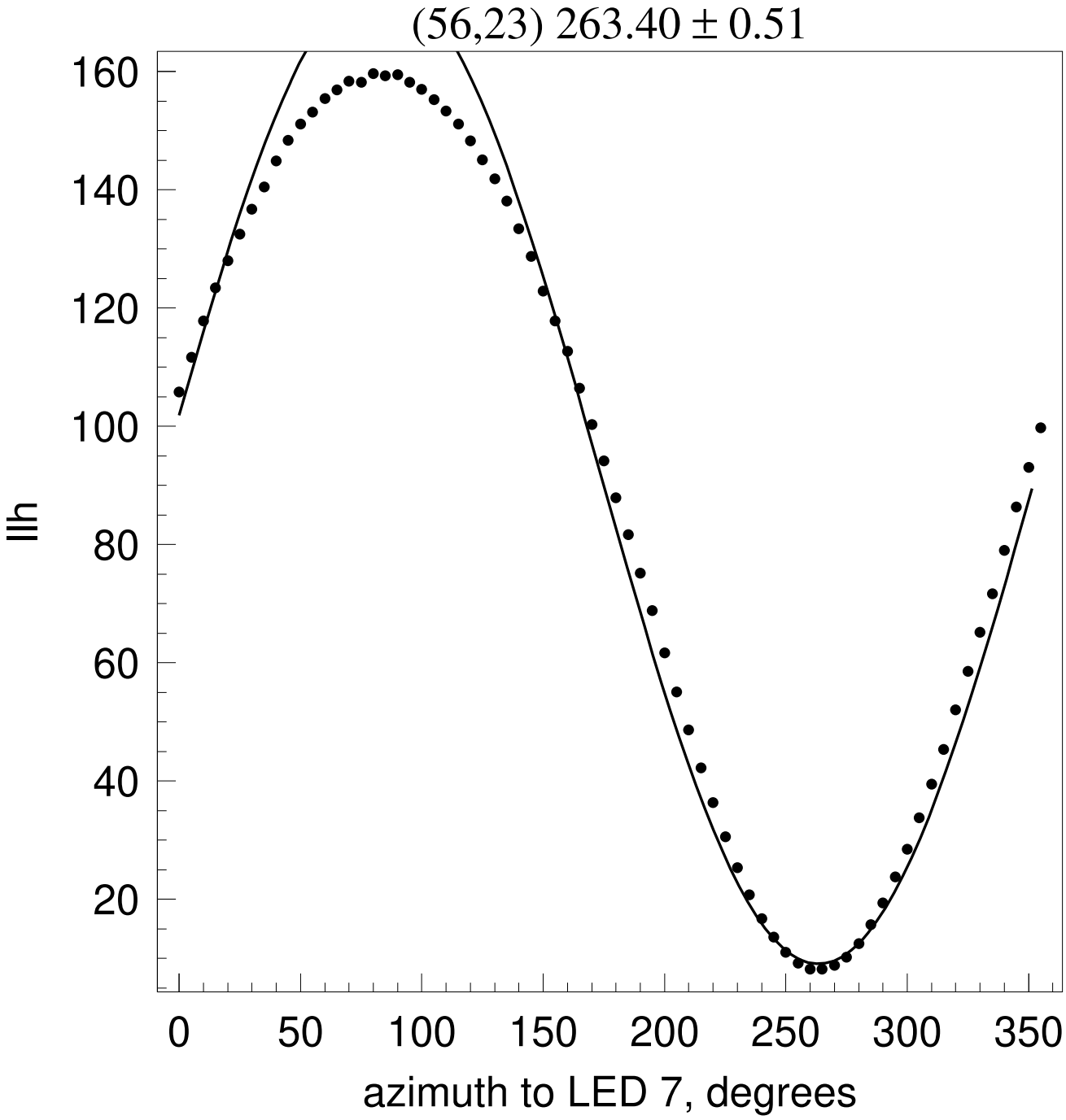

(56,18) 340.84 ± 0.14
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

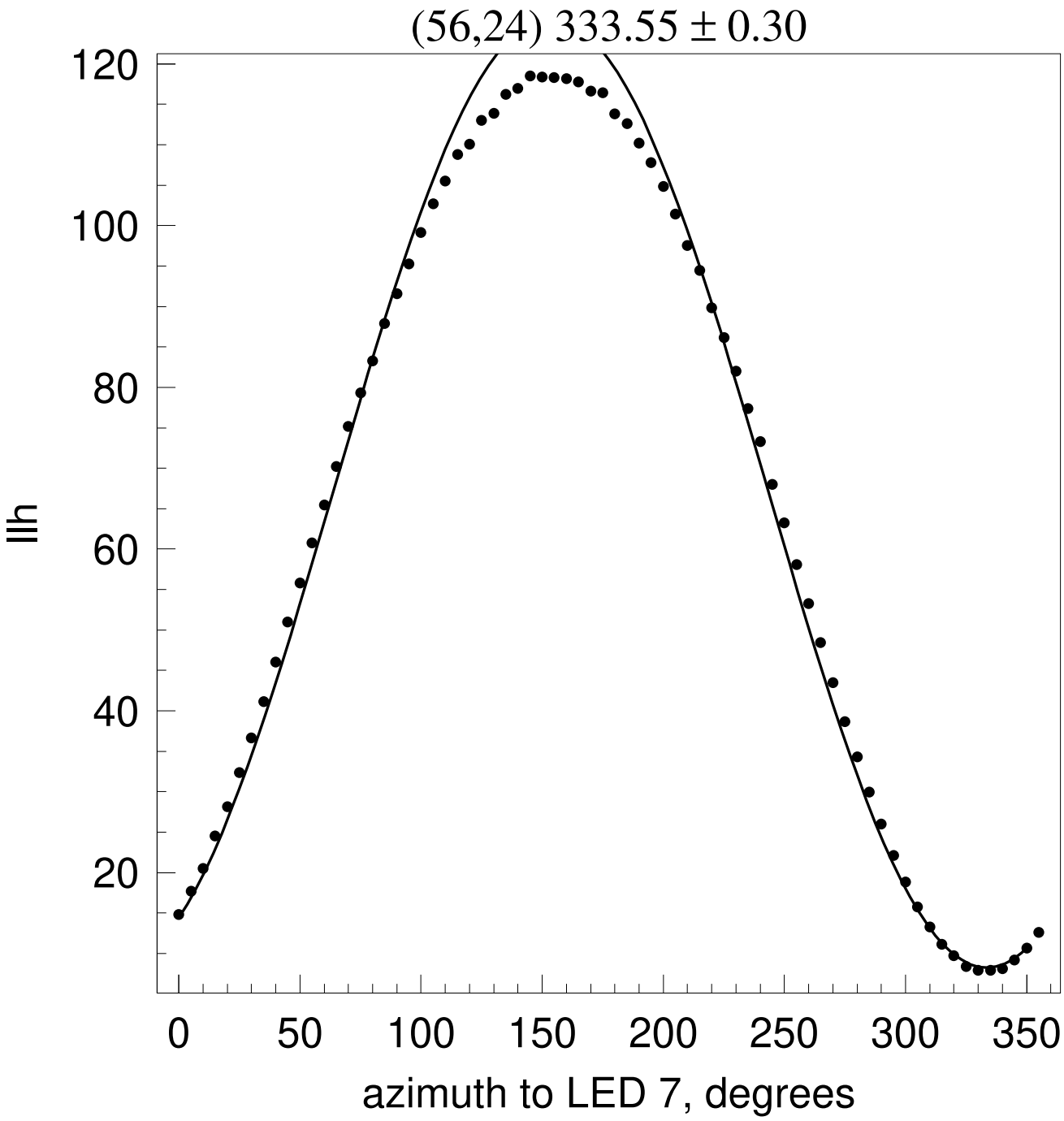

(56,19) 124.91 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

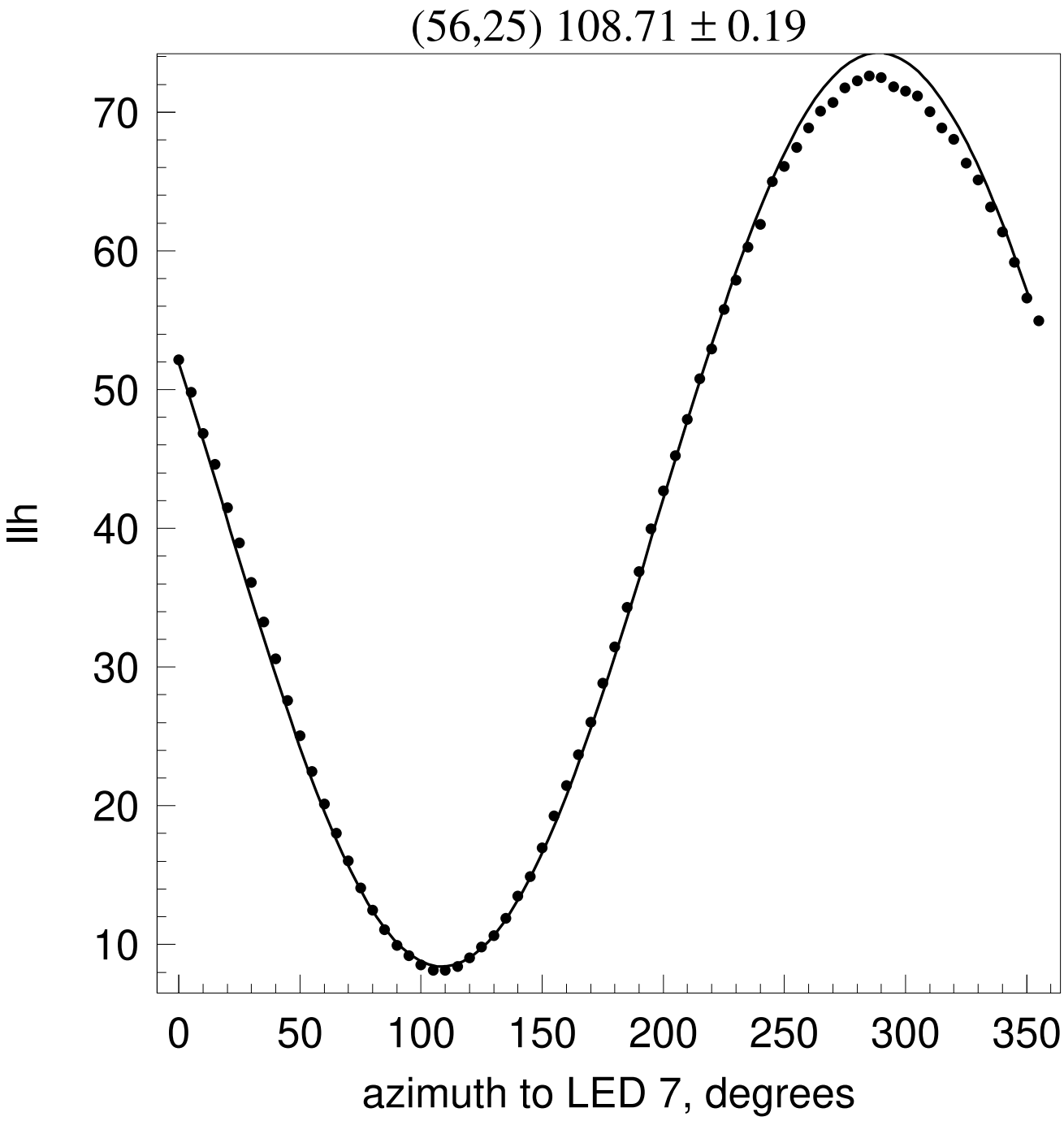

(56,20) 286.12 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

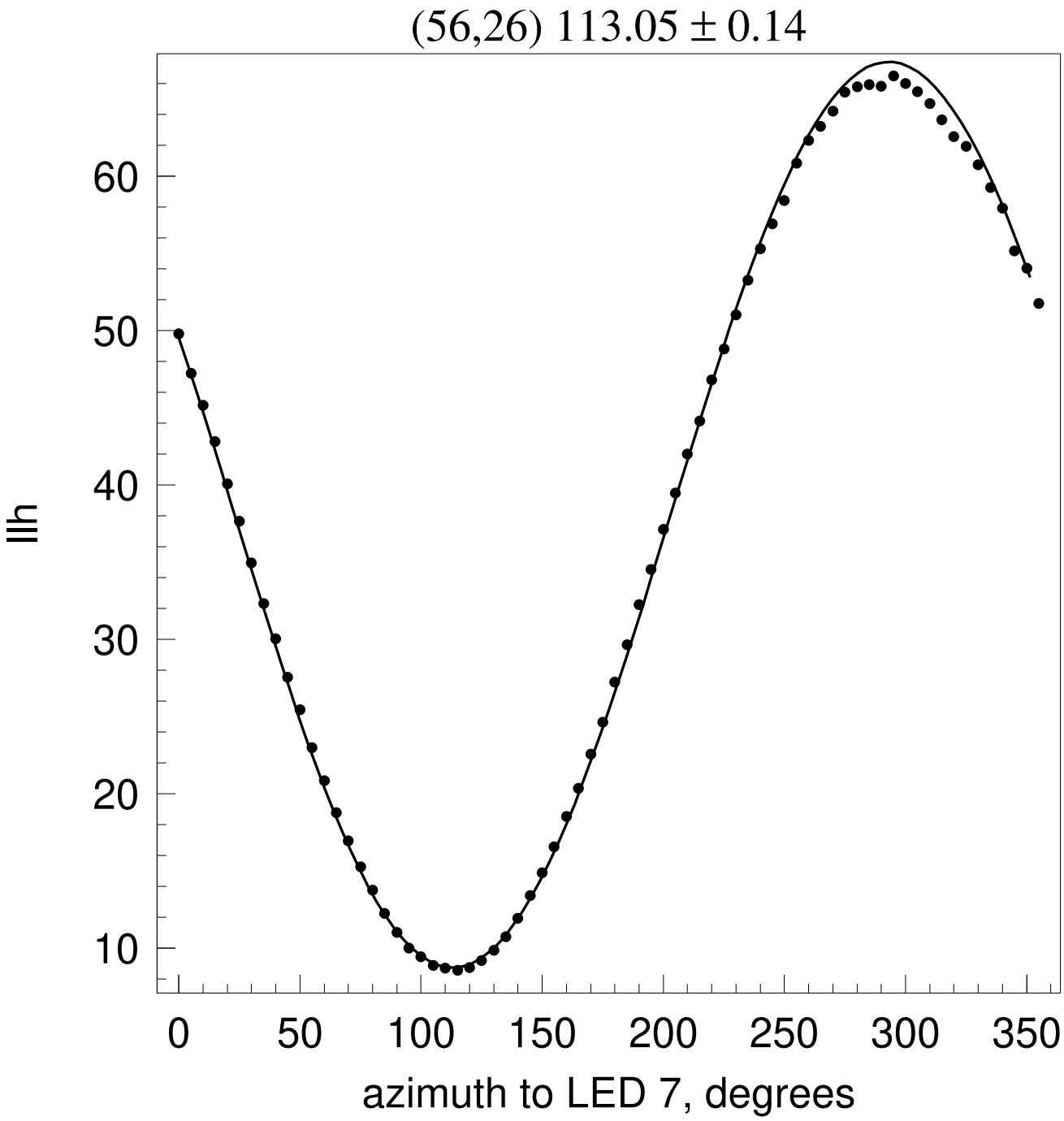

(56,21) 91.48 ± 0.36
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

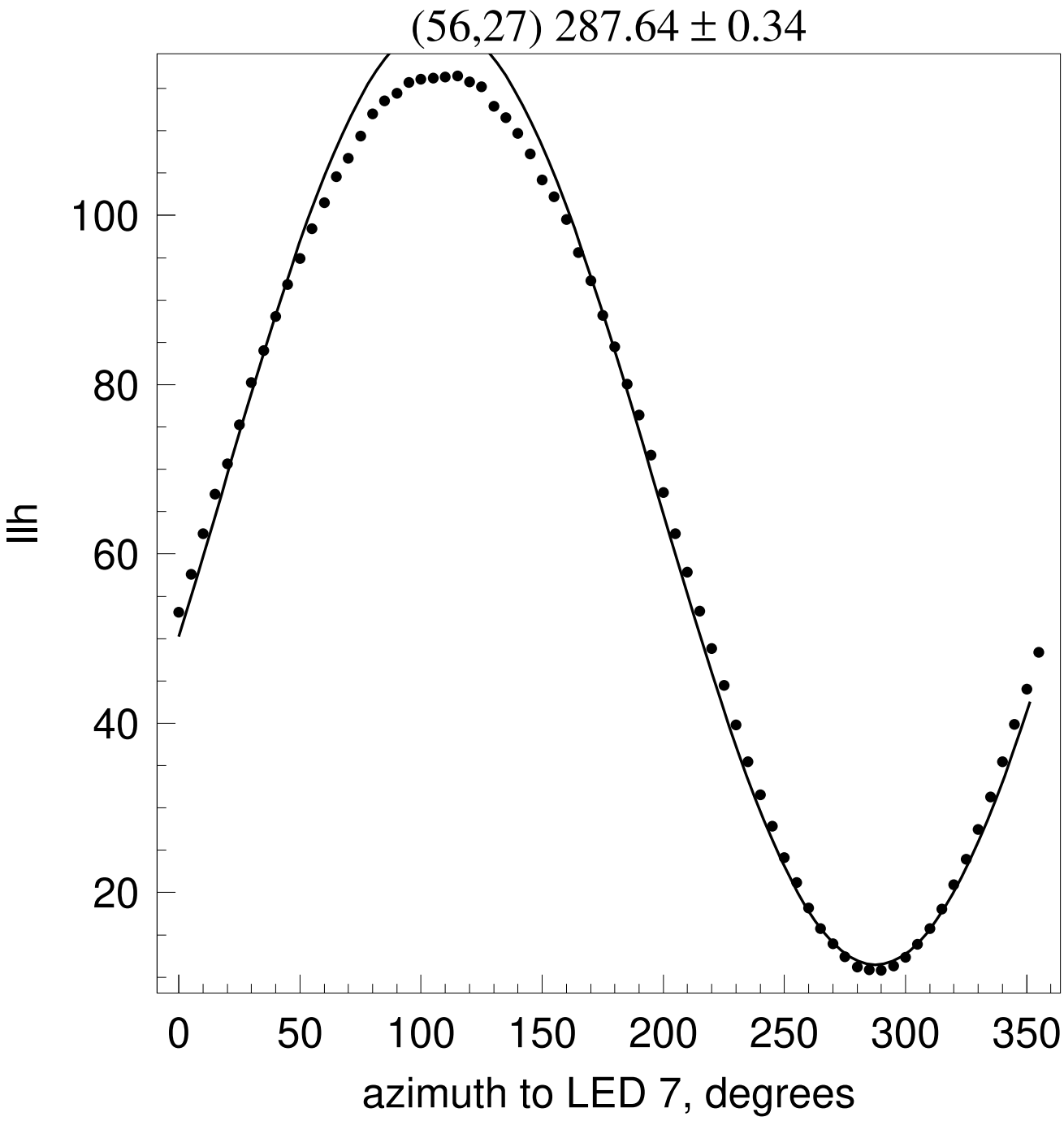

(56,22) 39.13 ± 0.47
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

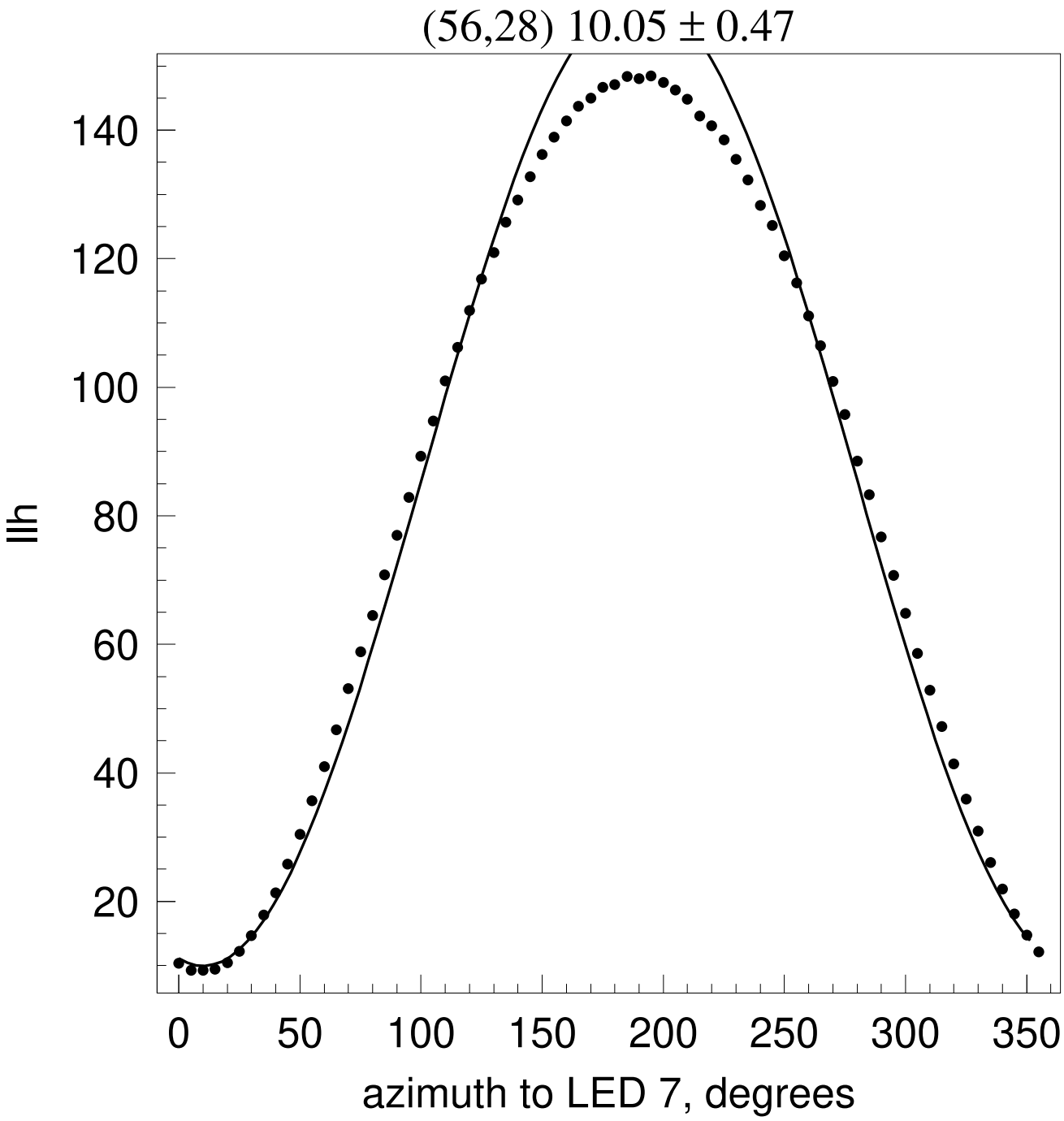

(56,23) 263.40 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

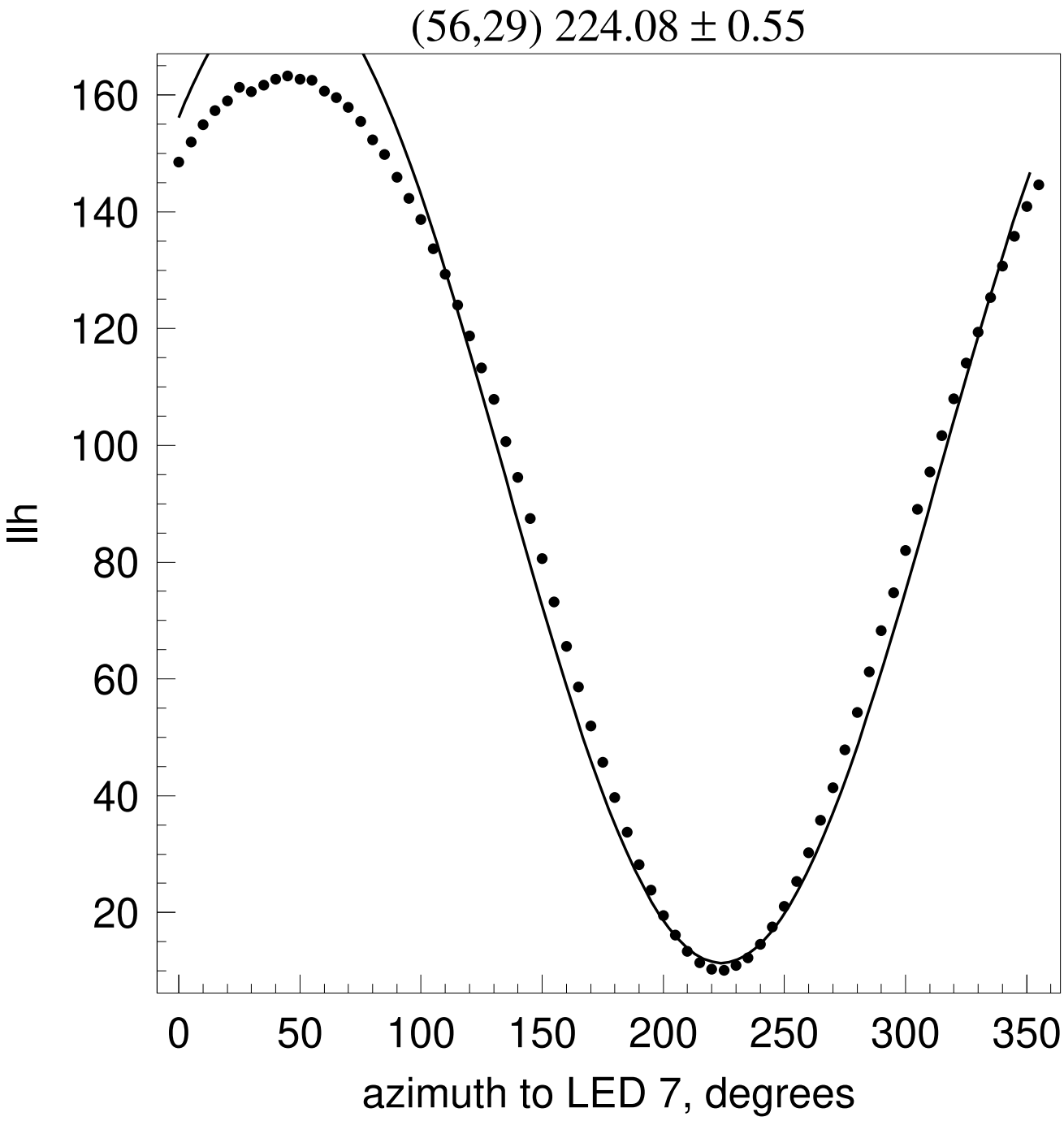

(56,24) 333.55 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

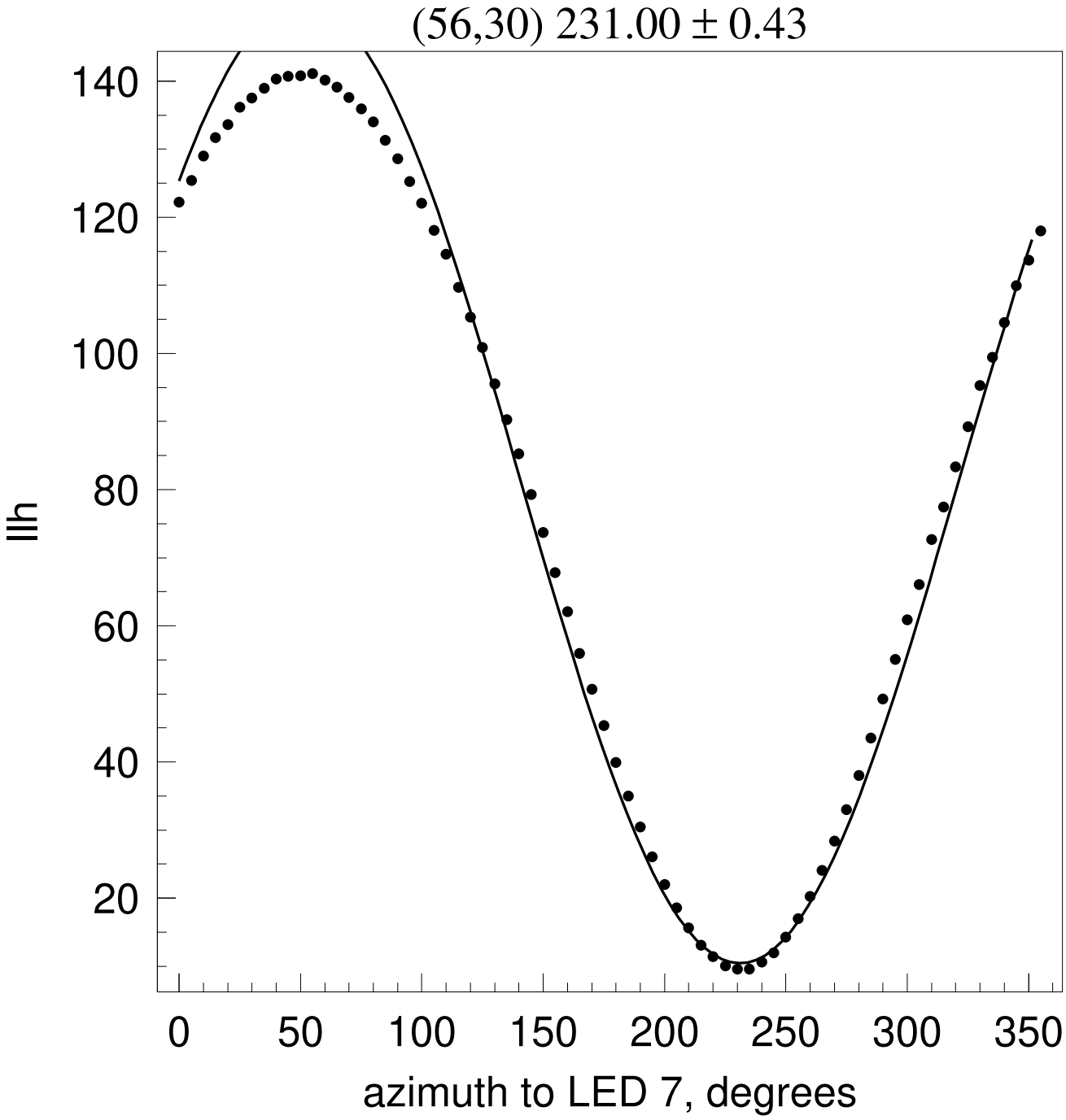

(56,25) 108.71 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

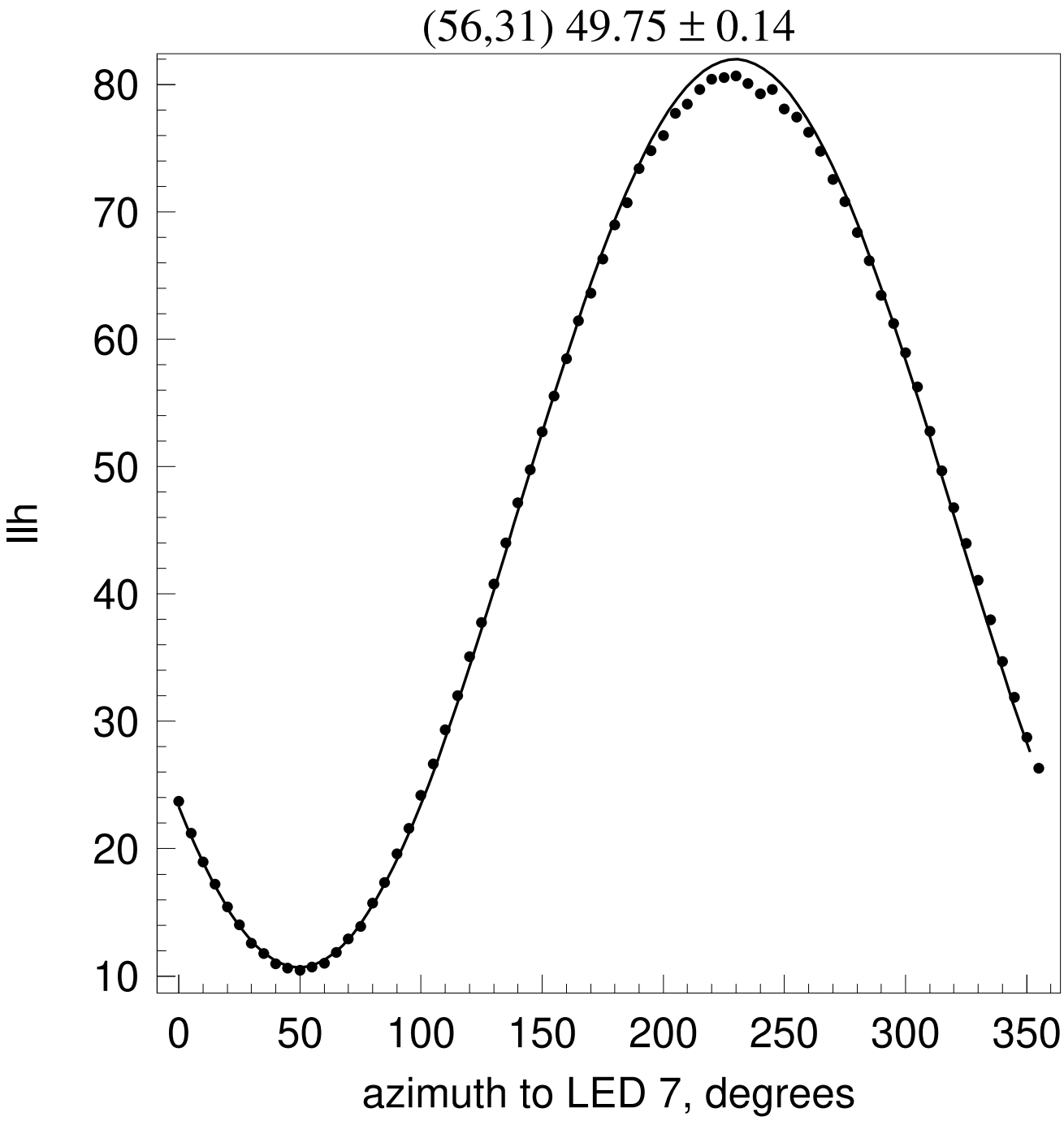

(56,26) 113.05 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

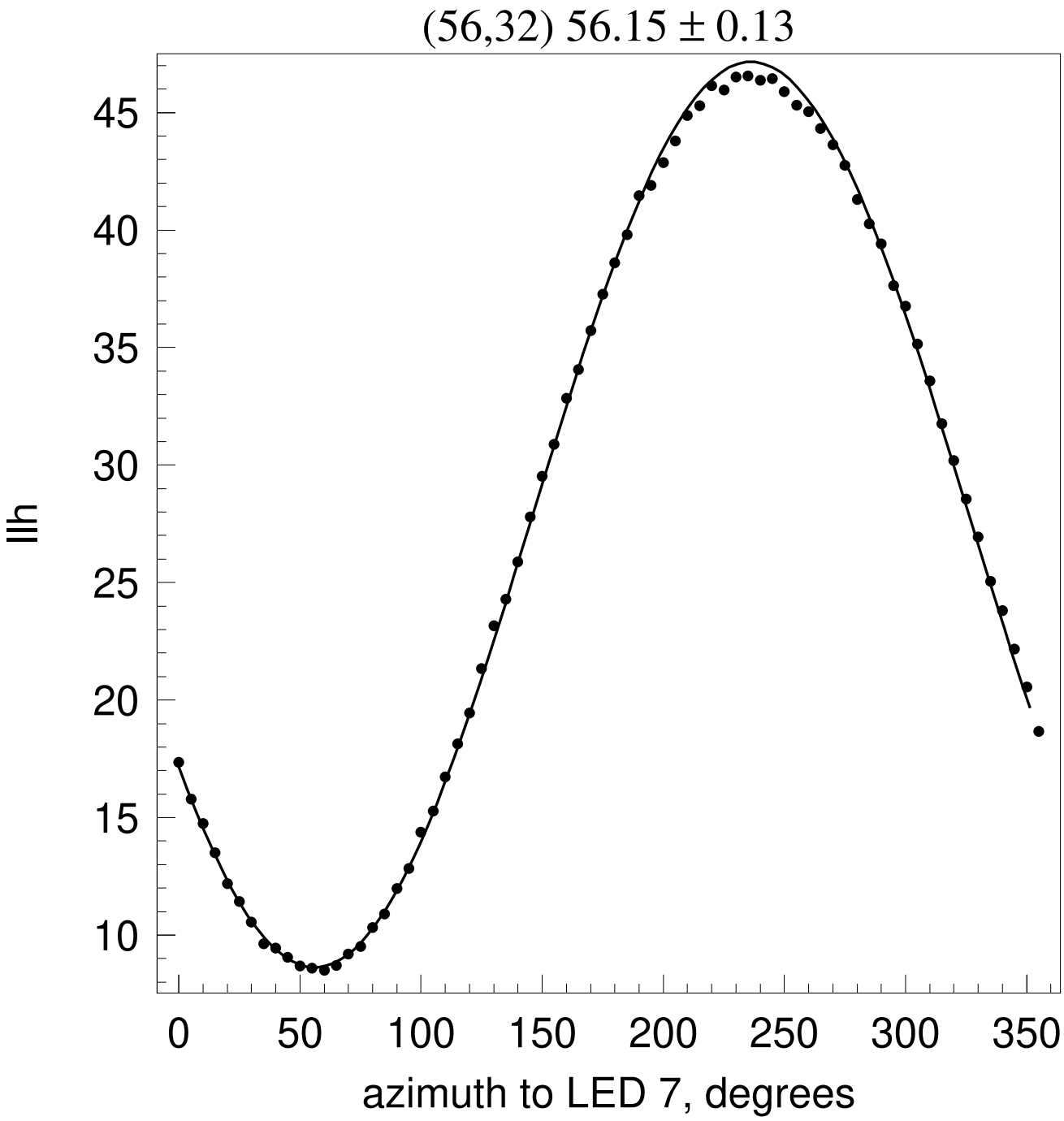

(56,27) 287.64 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

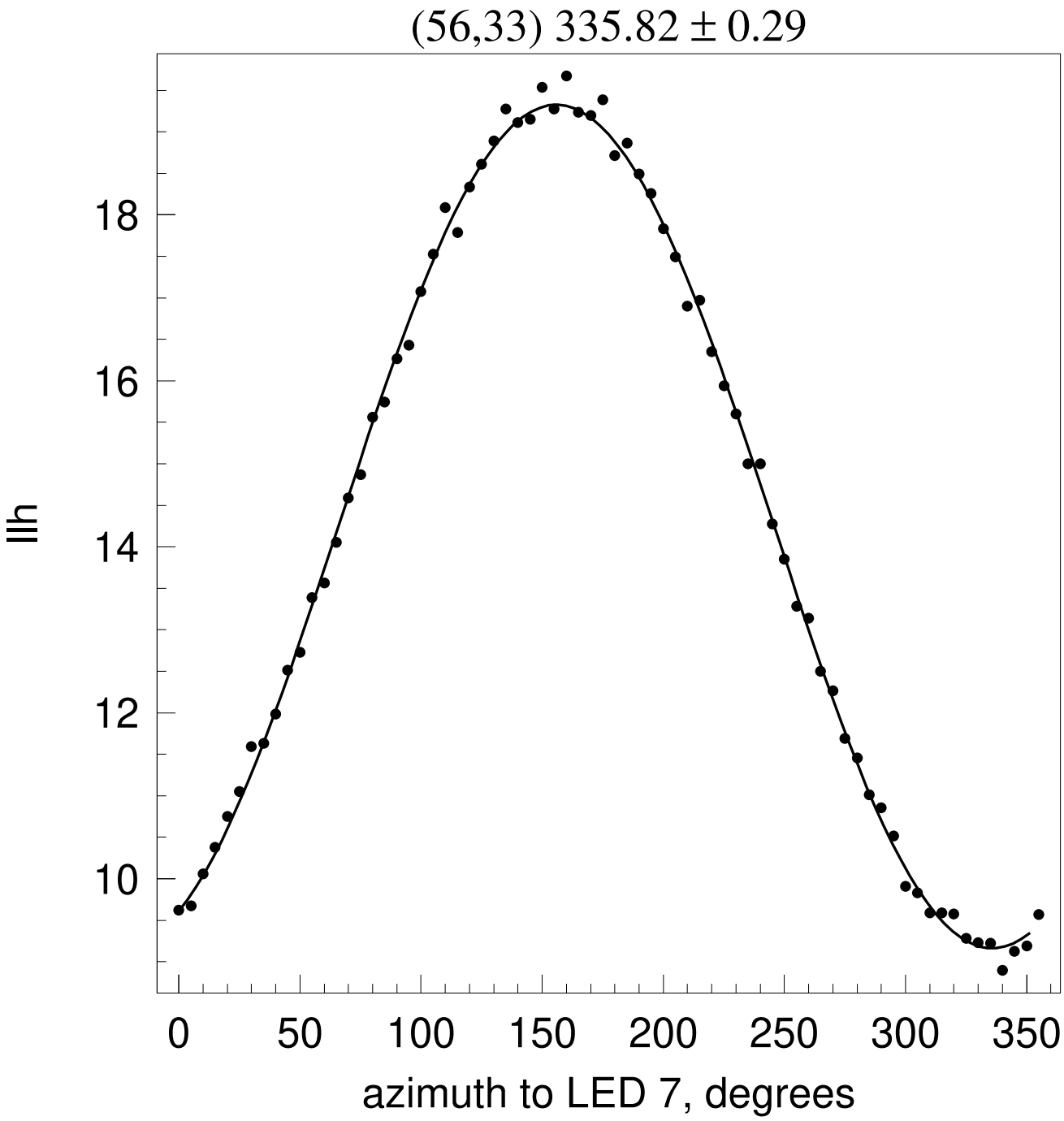

(56,28) 10.05 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

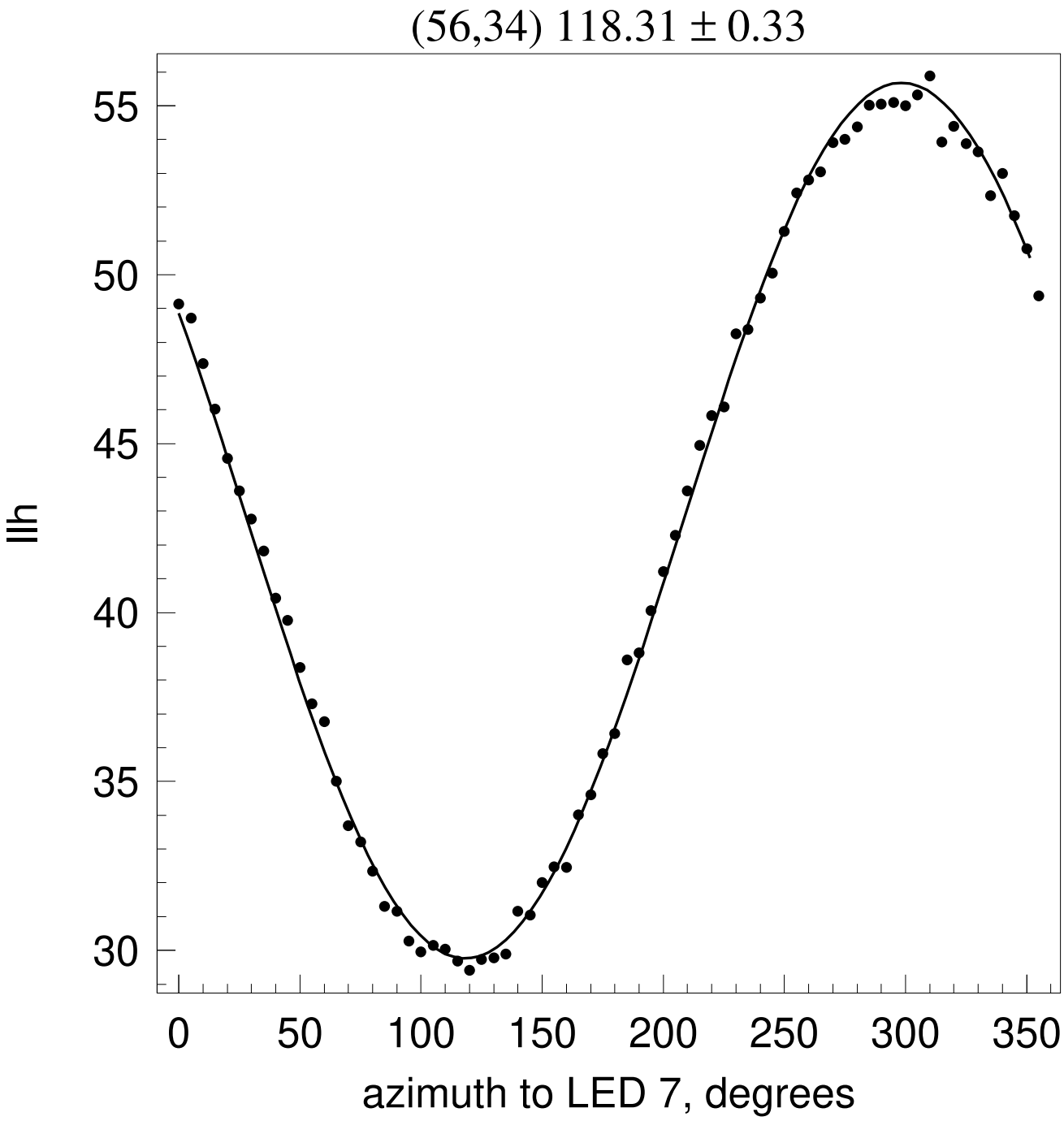

(56,29) 224.08 ± 0.55
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

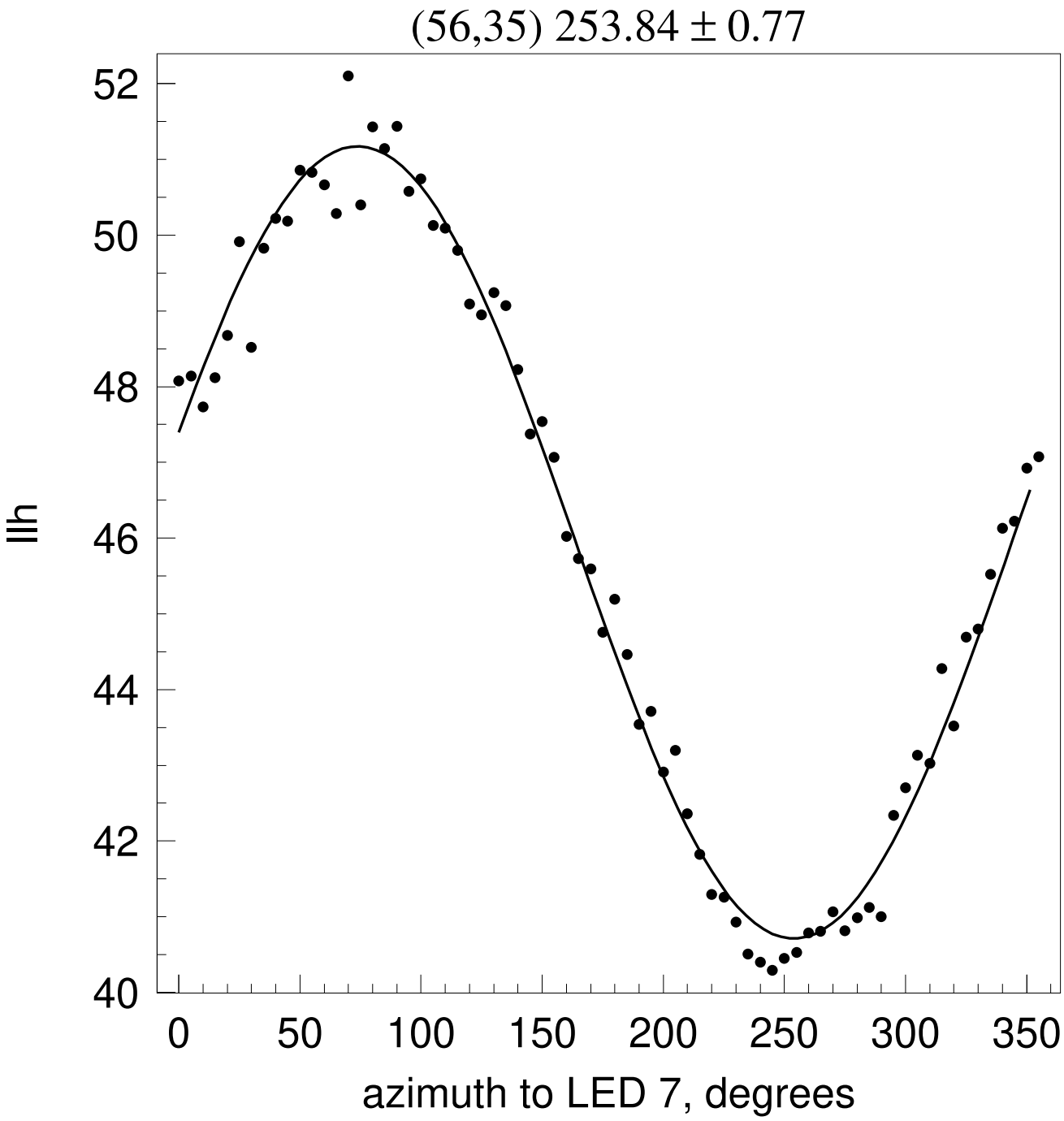

(56,30) 231.00 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

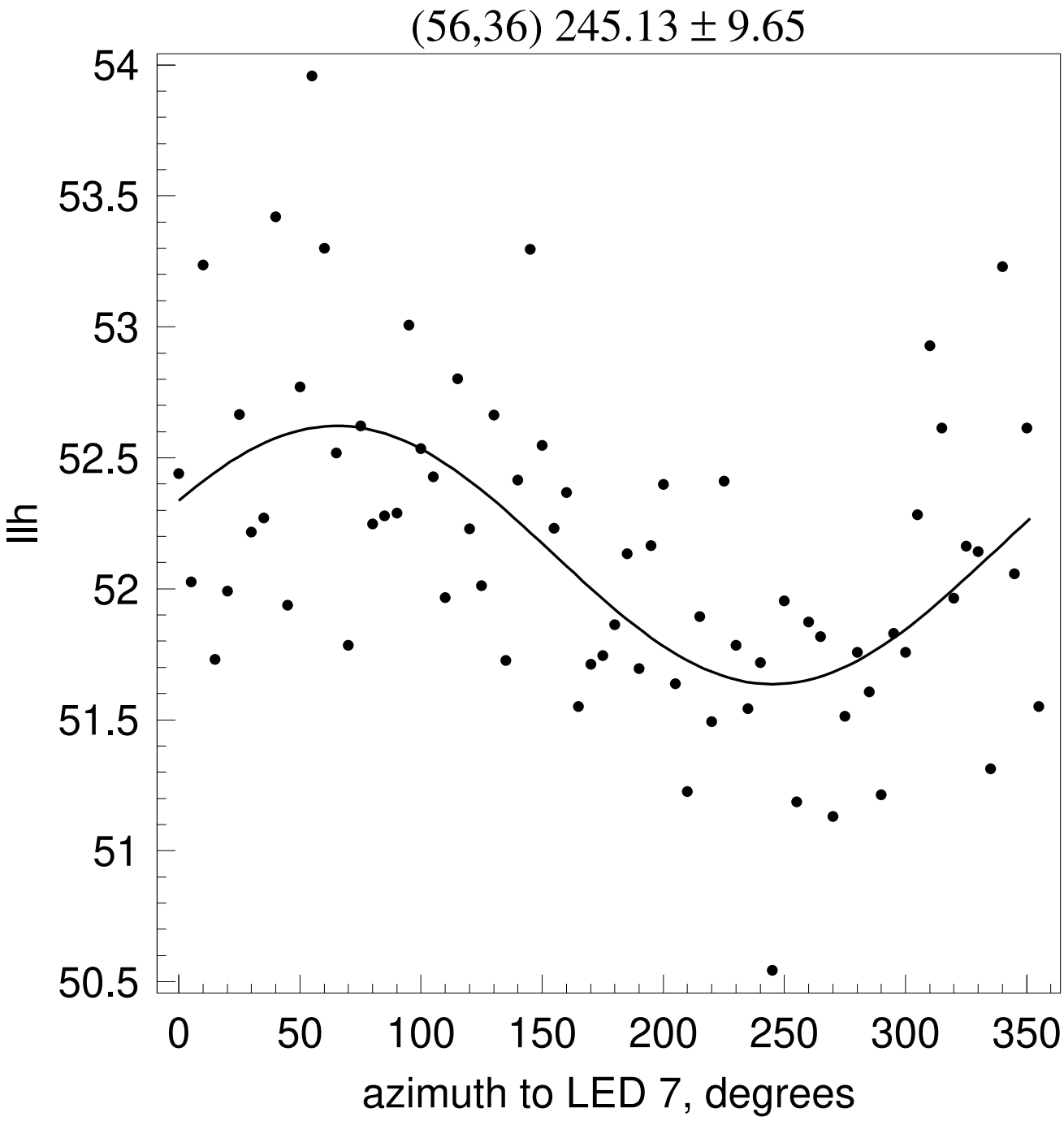

(56,31) 49.75 ± 0.14
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

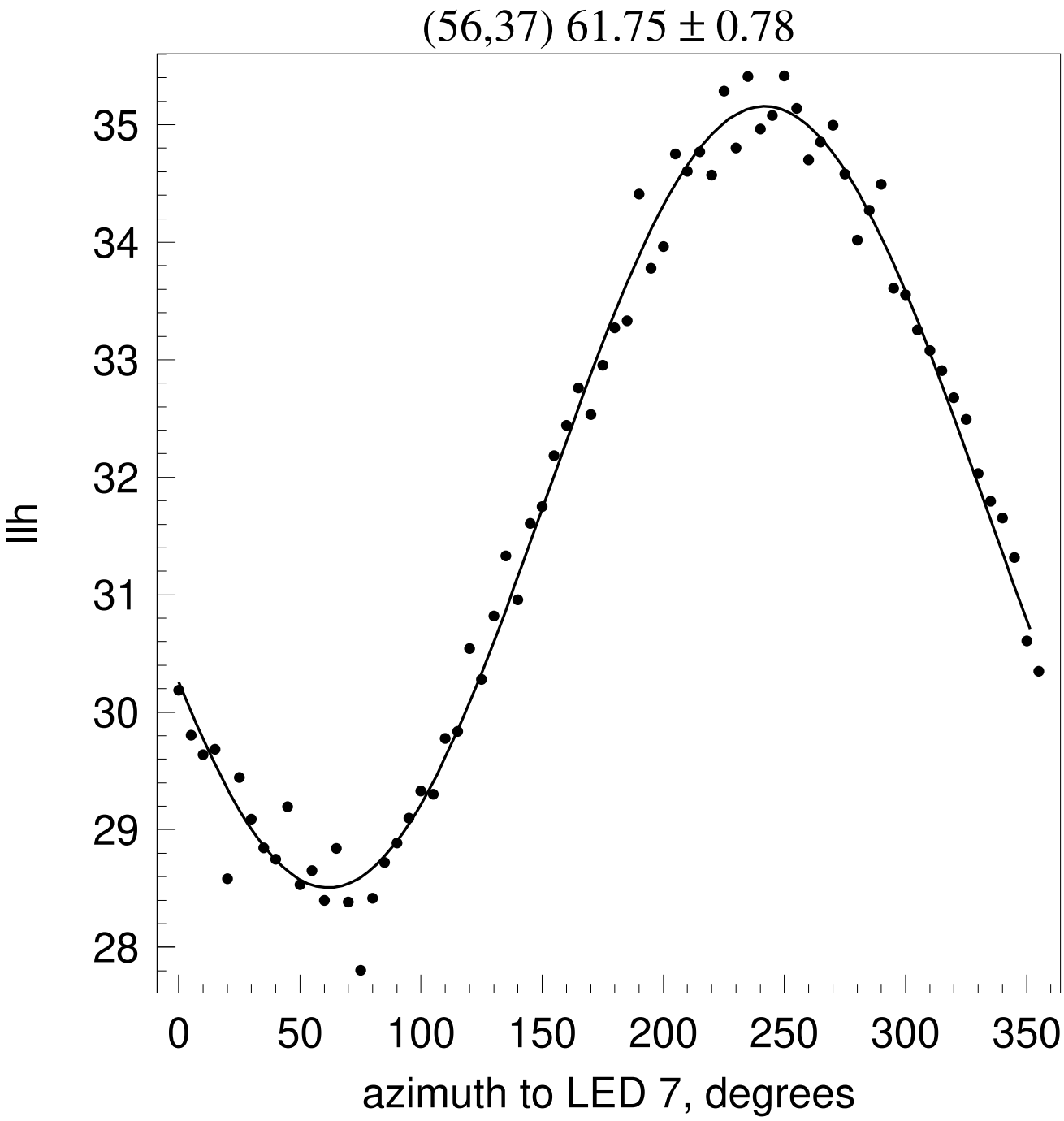

(56,32) 56.15 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

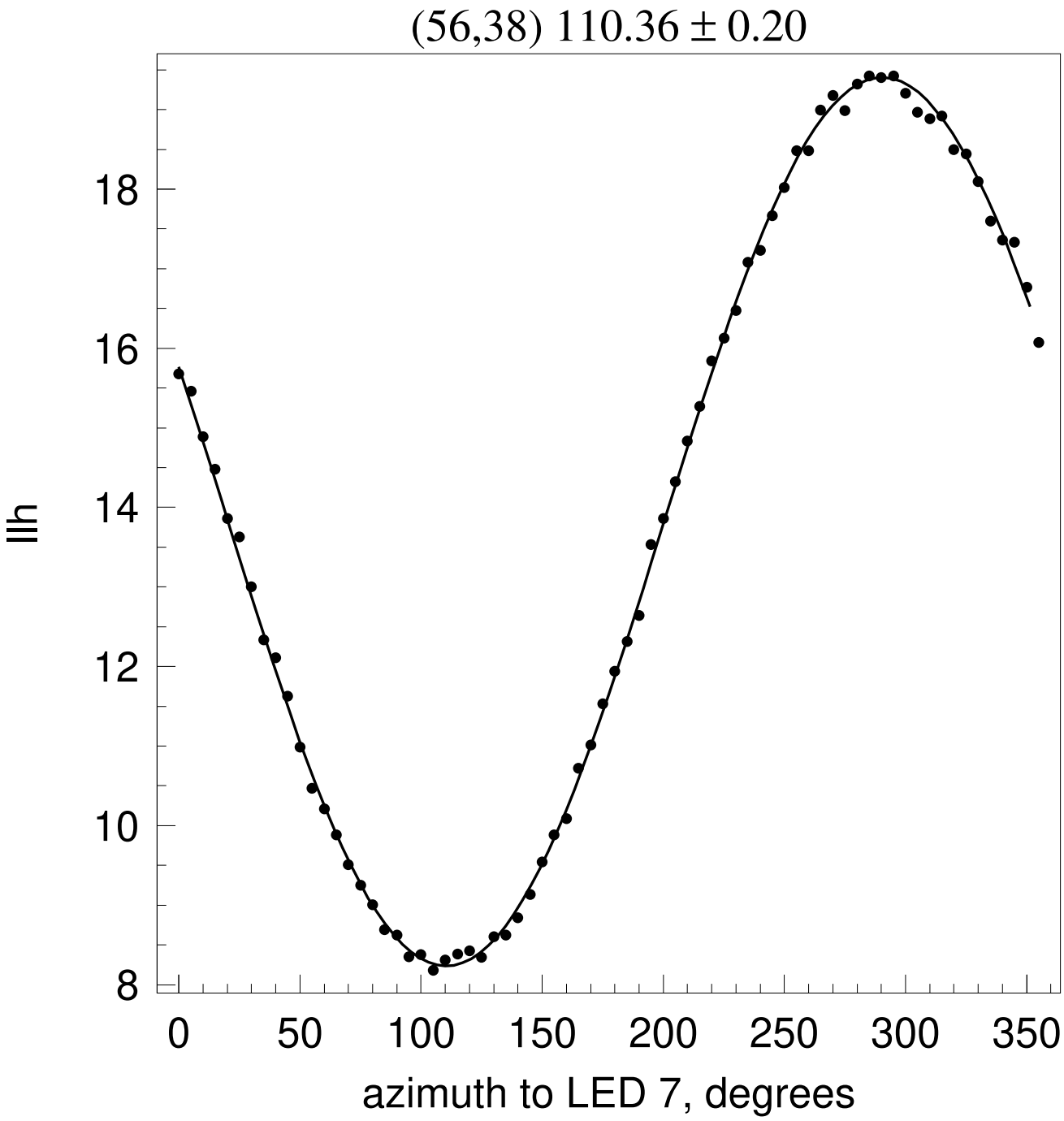

(56,33) 335.82 ± 0.29
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

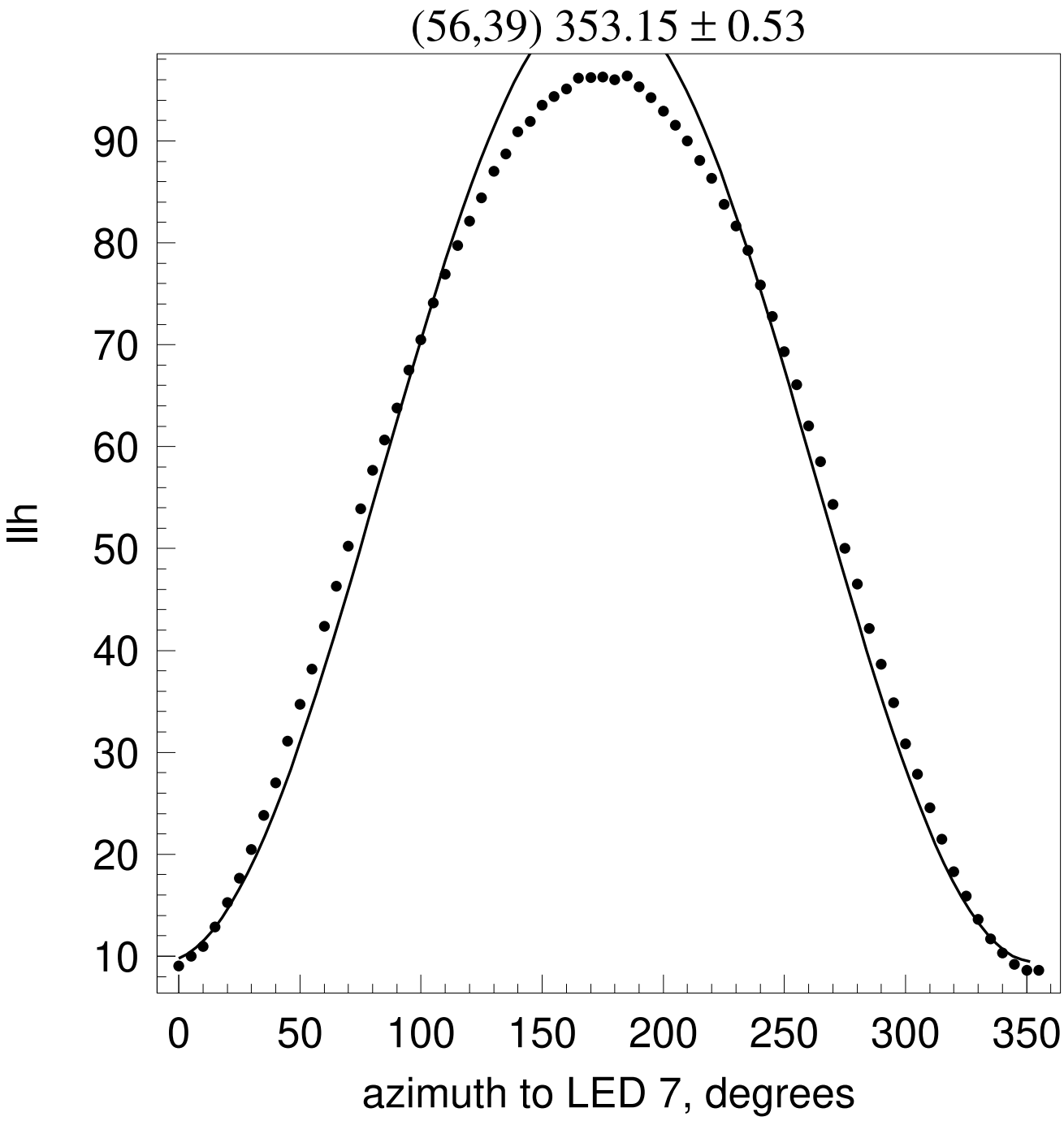

(56,34) 118.31 ± 0.33
55
50
45
40
35
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

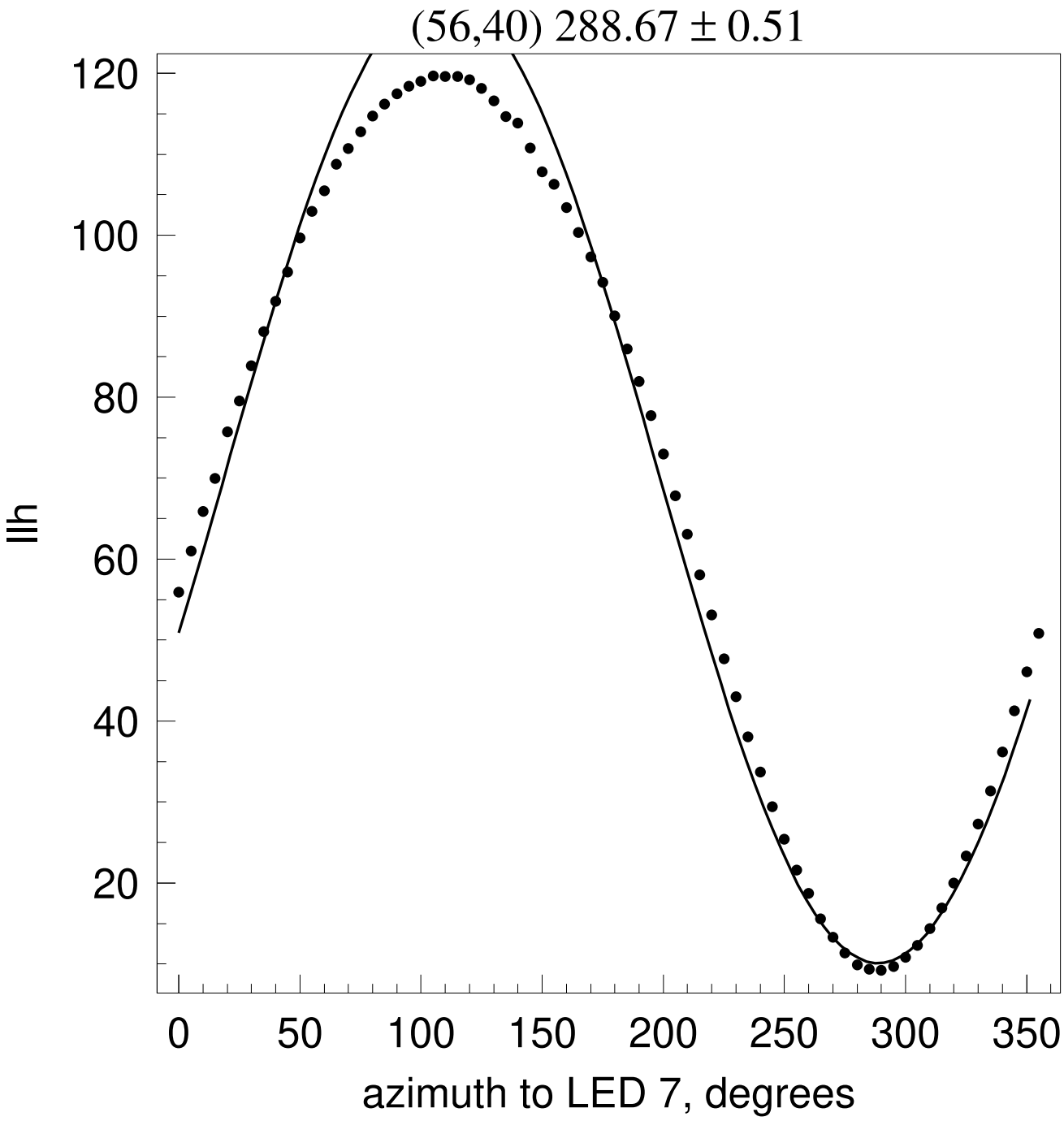

(56,35) 253.84 ± 0.77
52
50
48
46
44
42
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

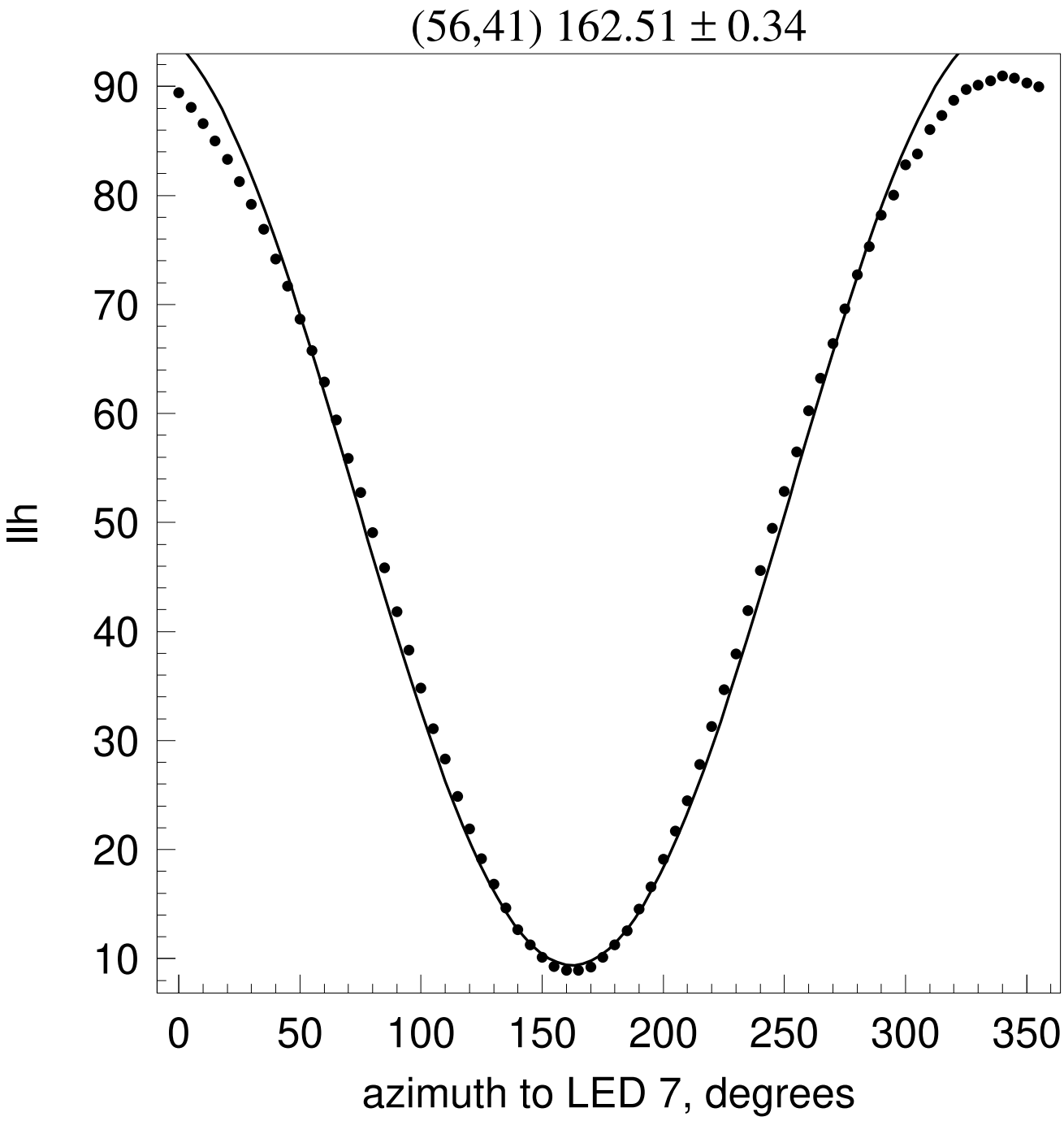

(56,36) 245.13 ± 9.65
54
53.5
53
52.5
52
51.5
51
50.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

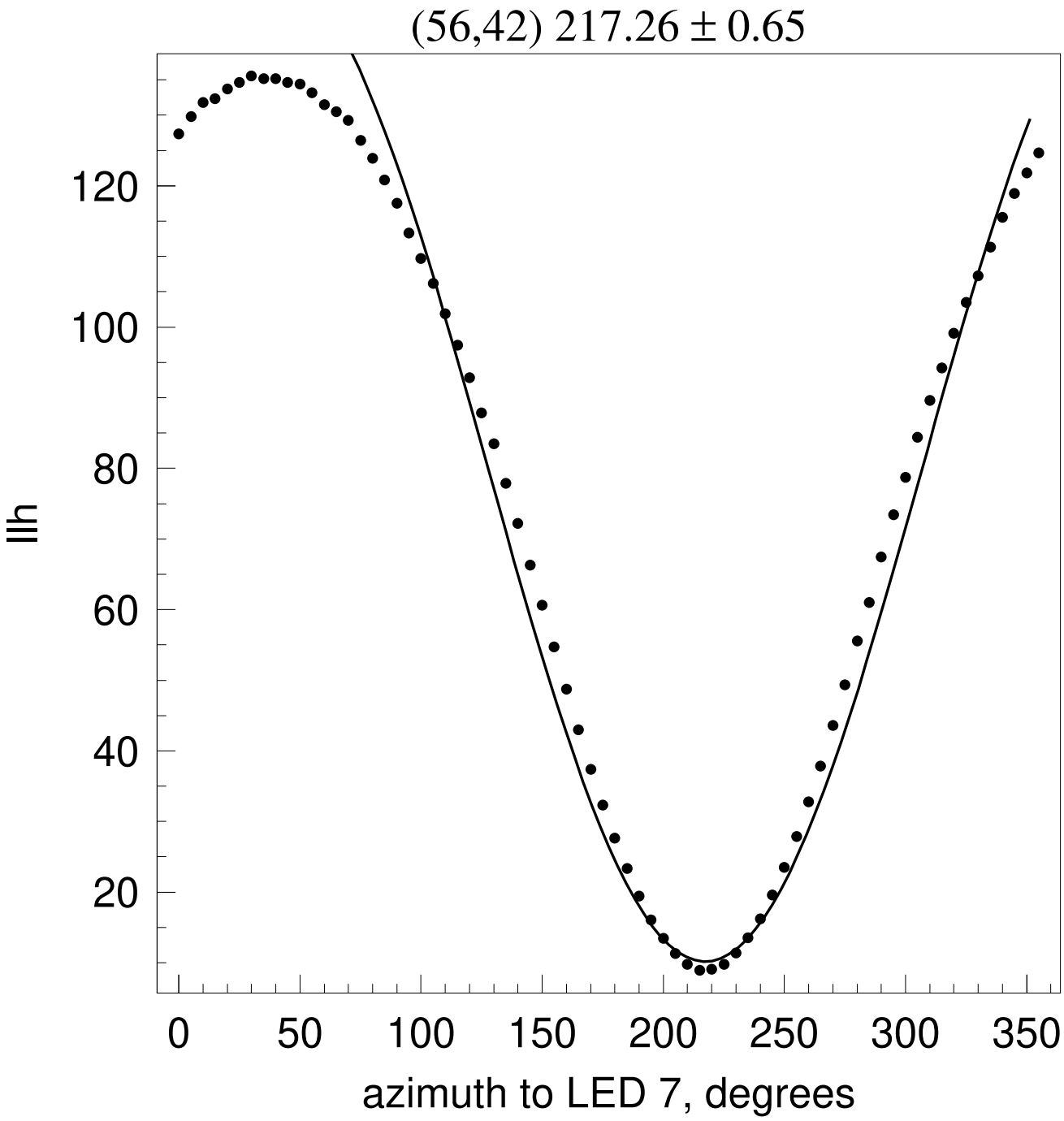

(56,37) 61.75 ± 0.78
35
34
33
32
31
30
29
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

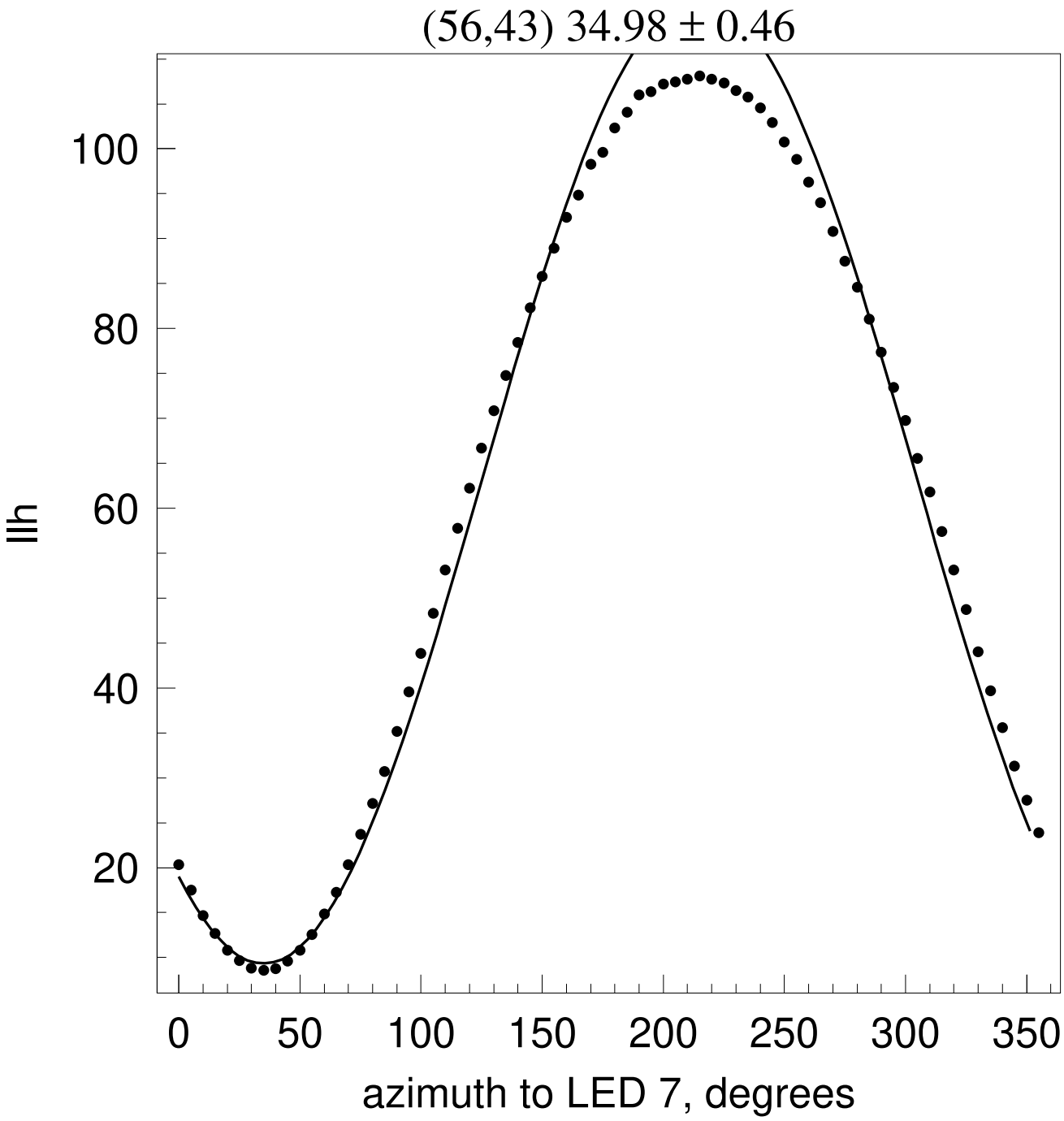

(56,38) 110.36 ± 0.20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

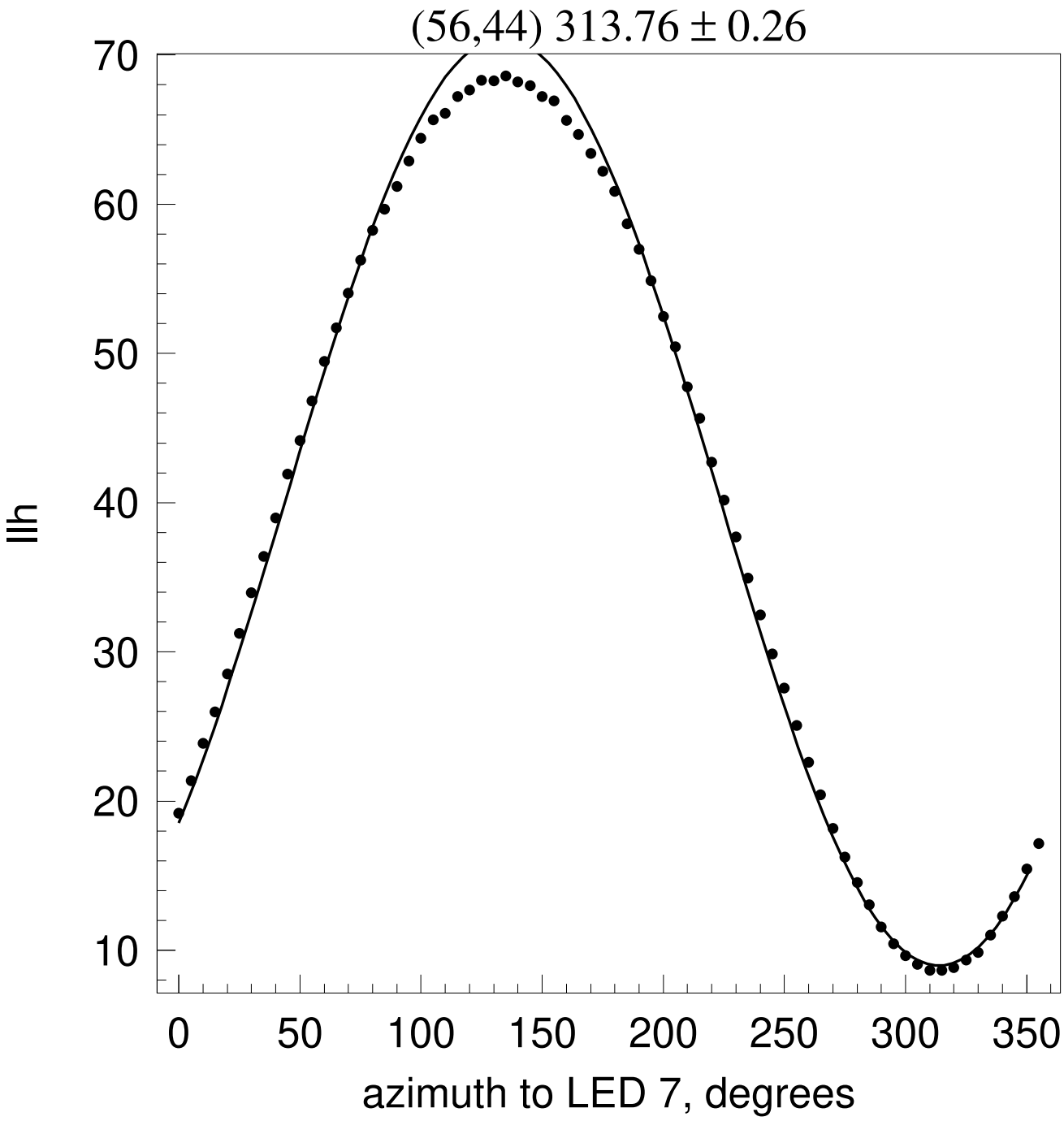

(56,39) 353.15 ± 0.53
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

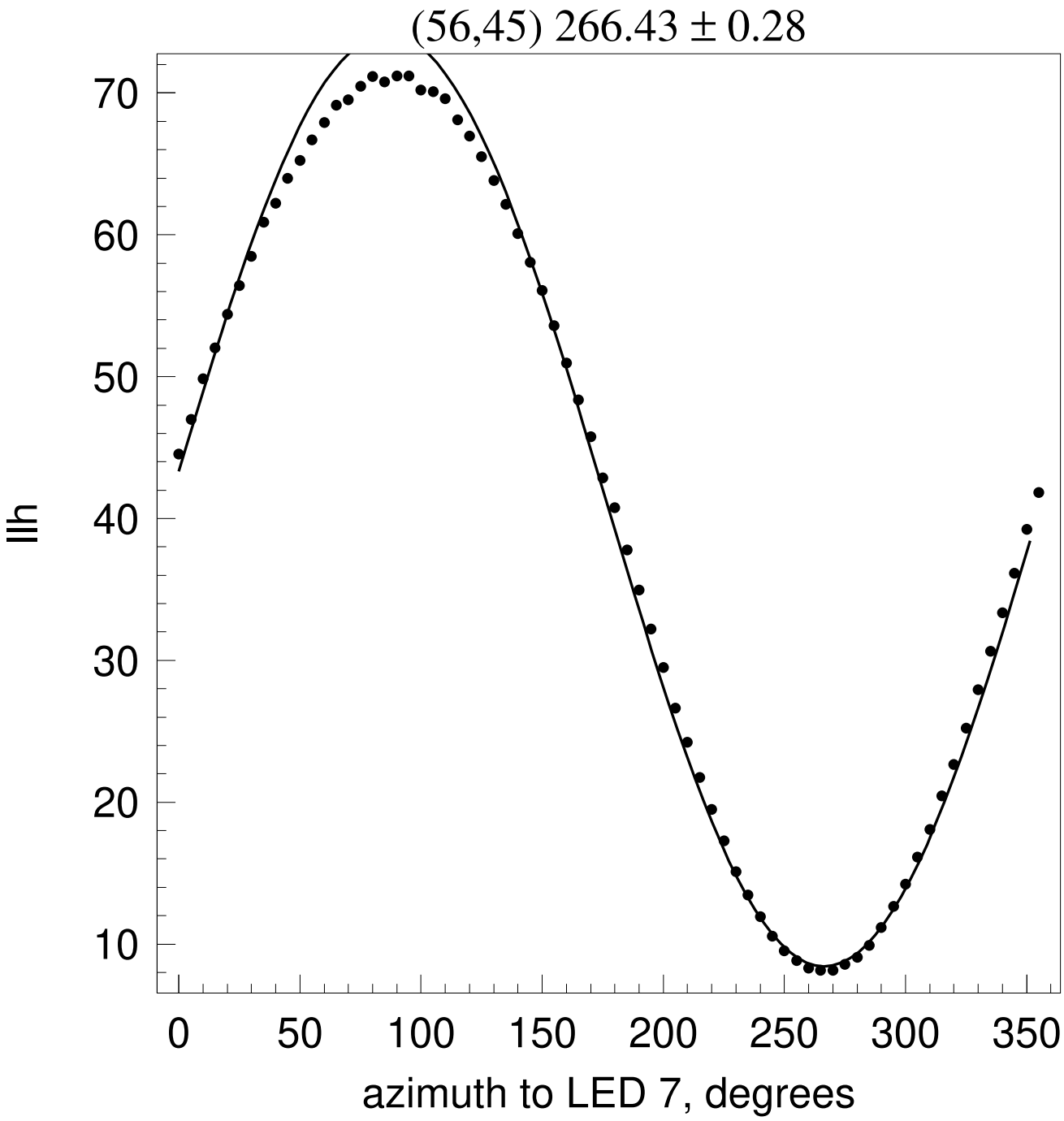

(56,40) 288.67 ± 0.51
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

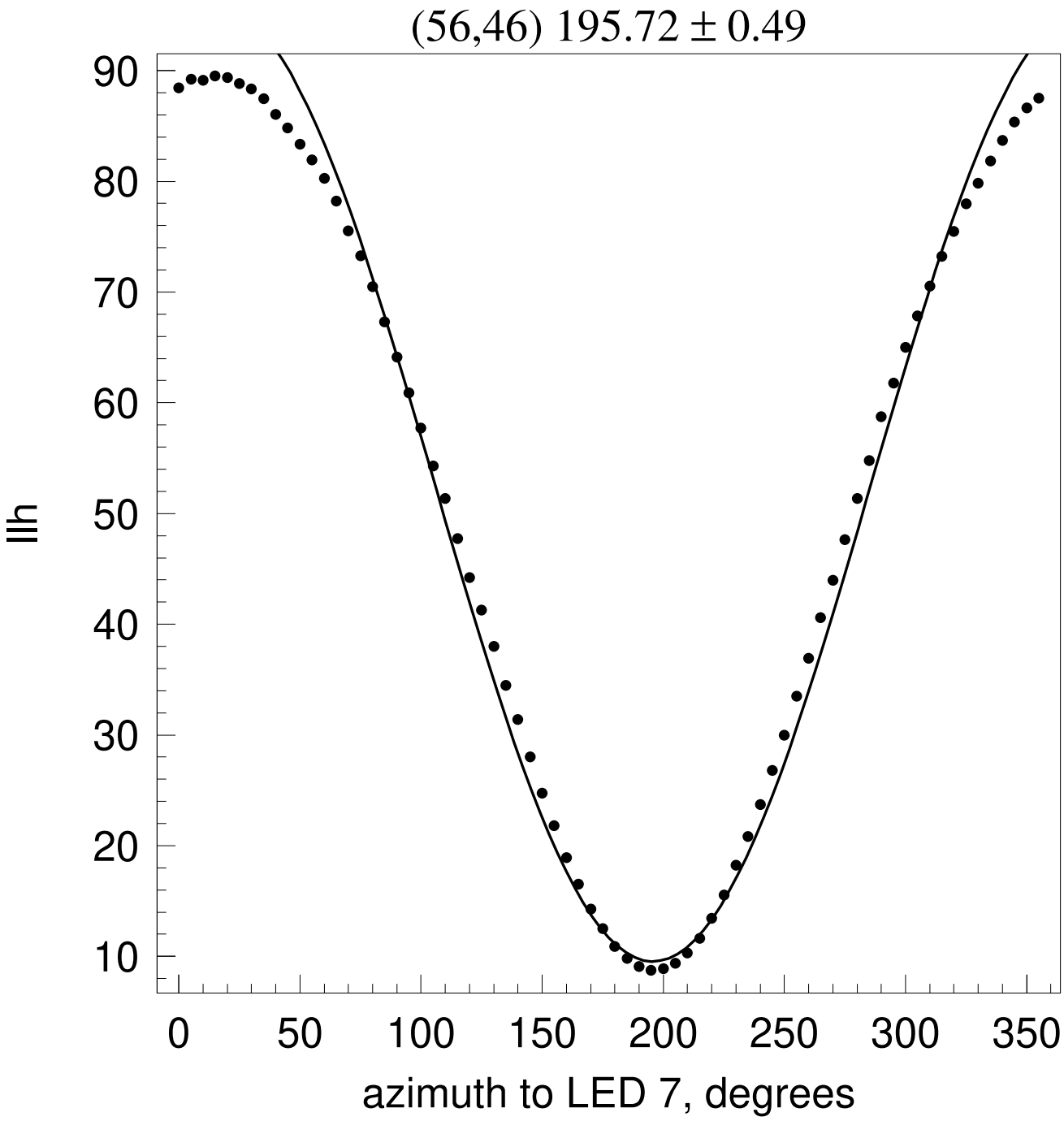

(56,41) 162.51 ± 0.34
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

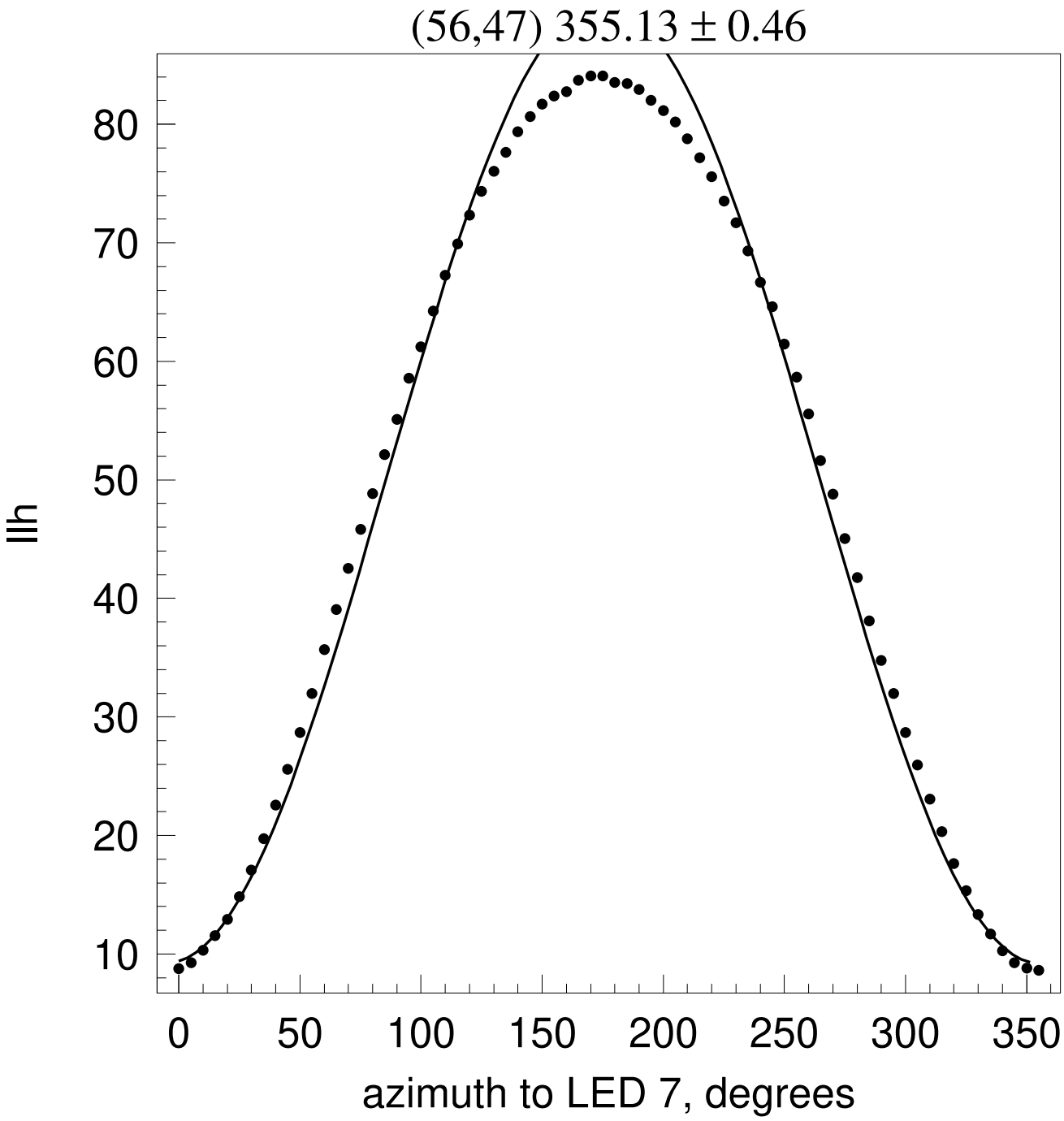

(56,42) 217.26 ± 0.65
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

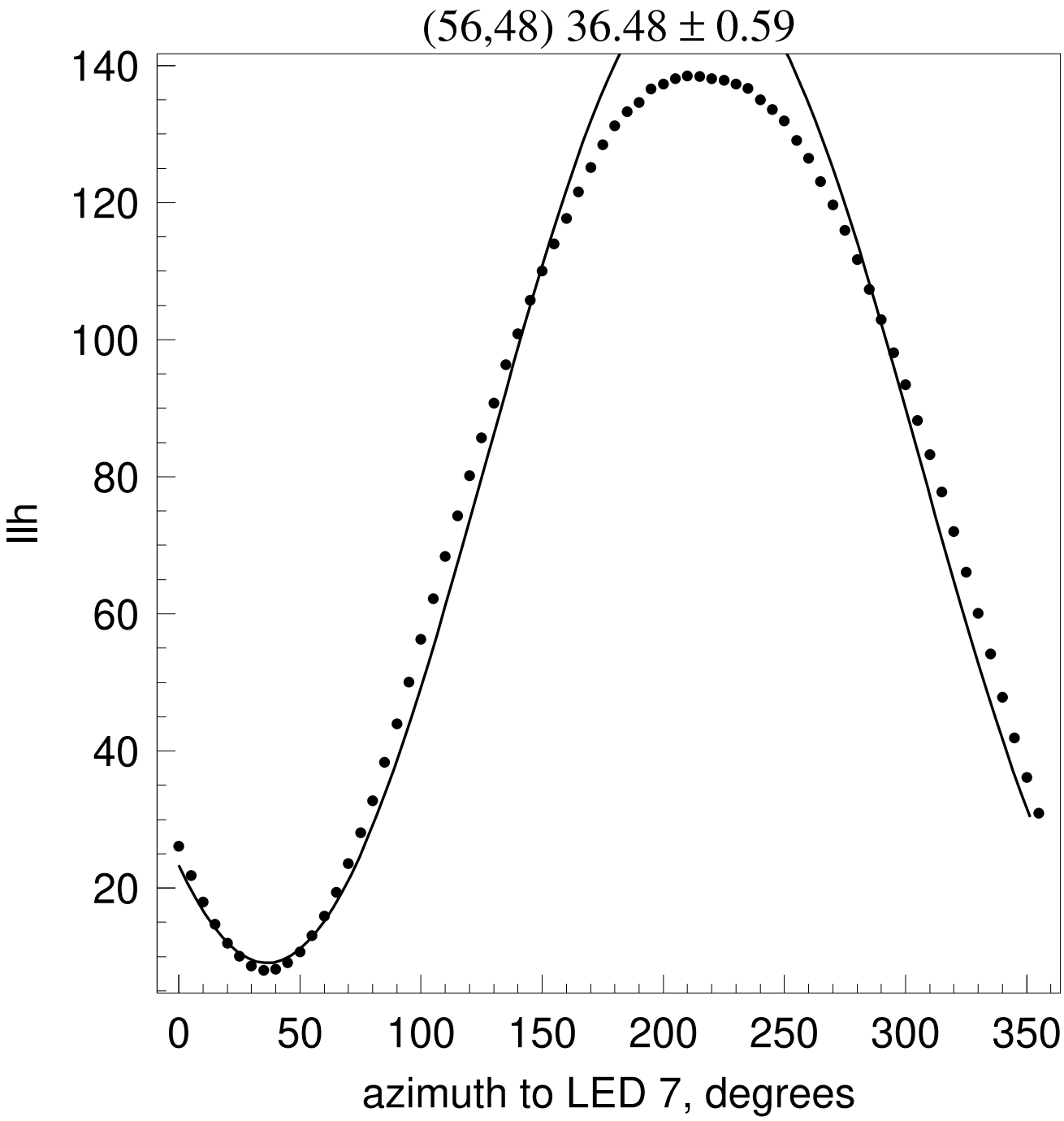

(56,43) 34.98 ± 0.46
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

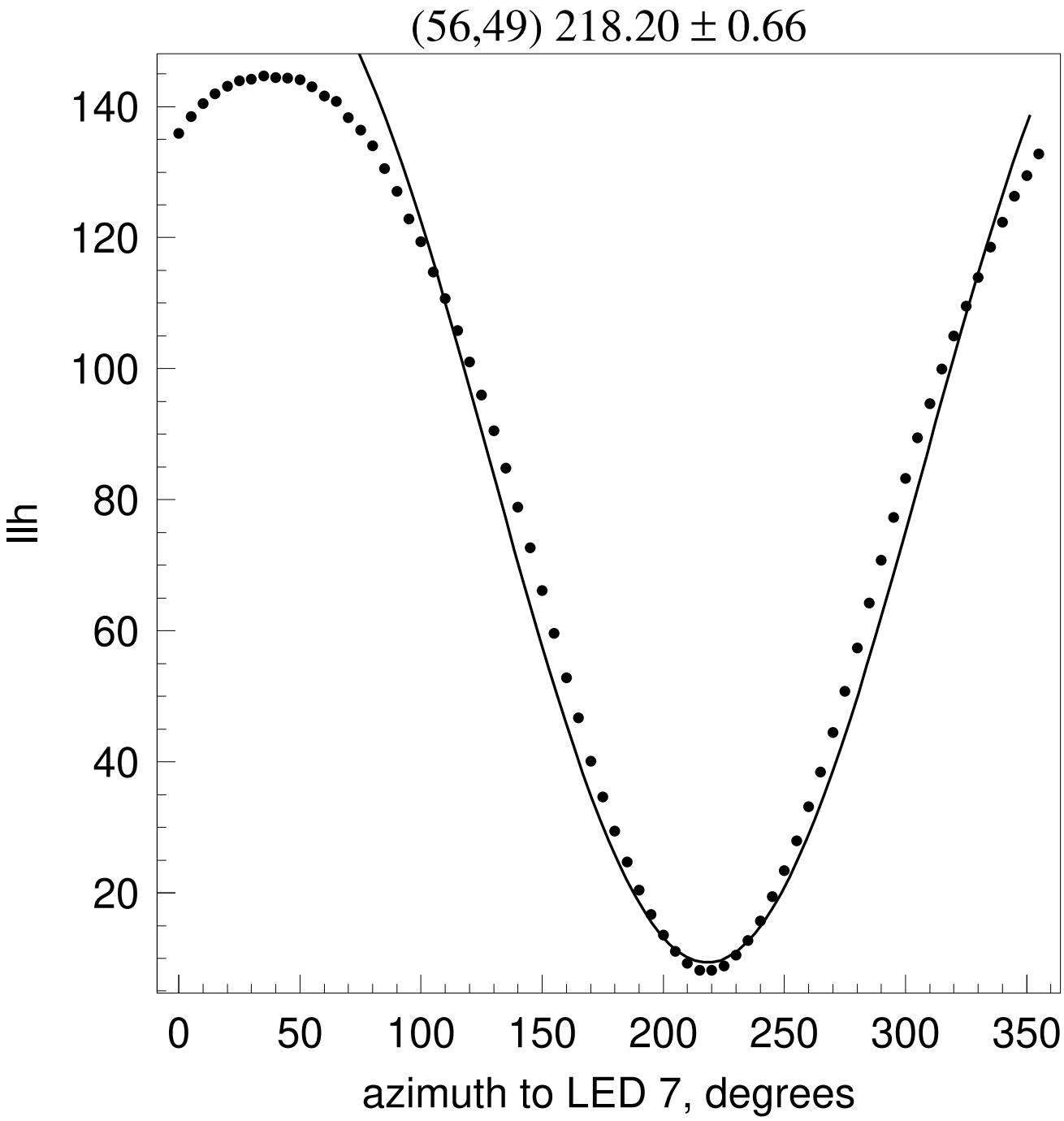

(56,44) 313.76 ± 0.26
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

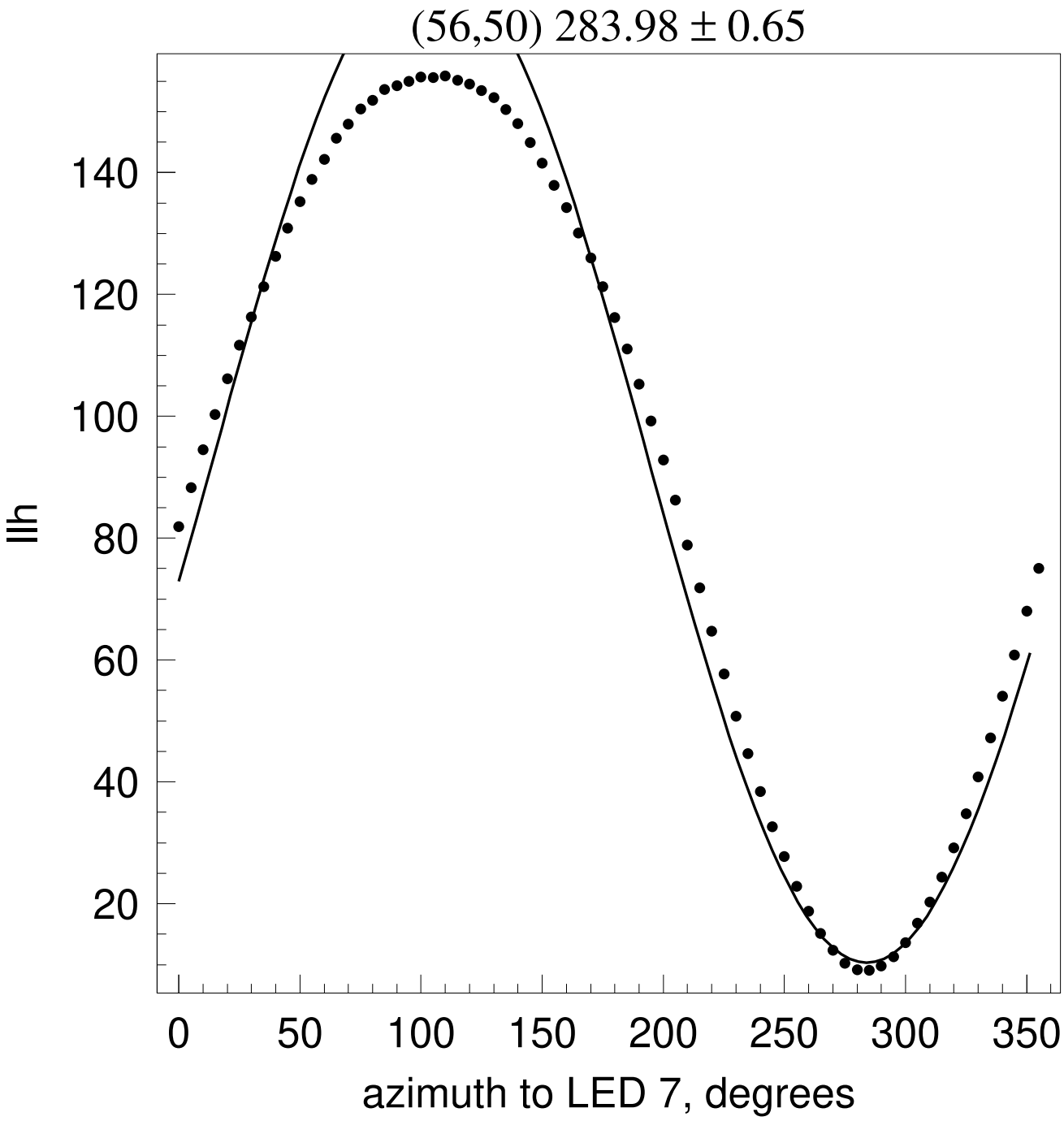

(56,45) 266.43 ± 0.28
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

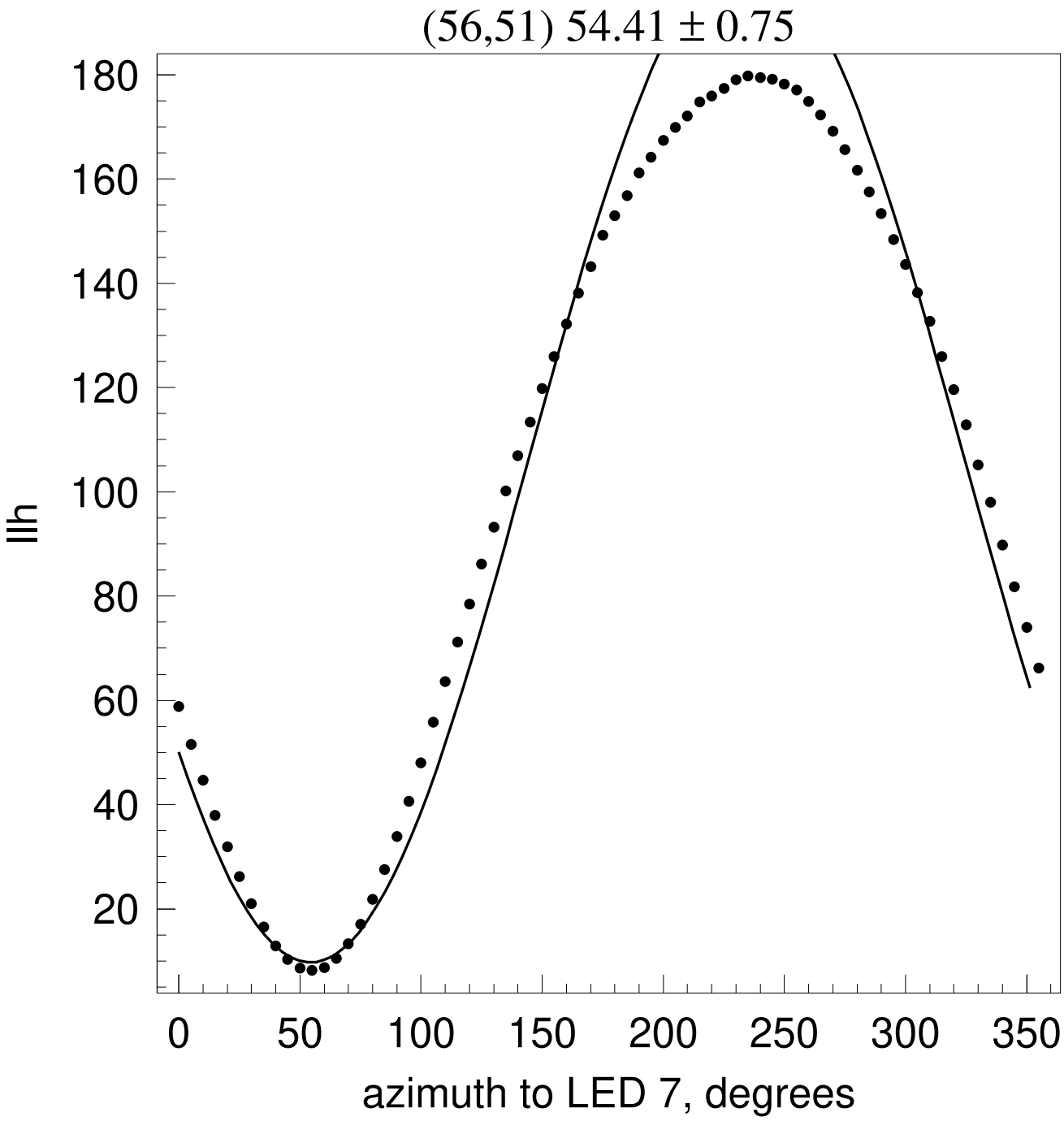

(56,46) 195.72 ± 0.49
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

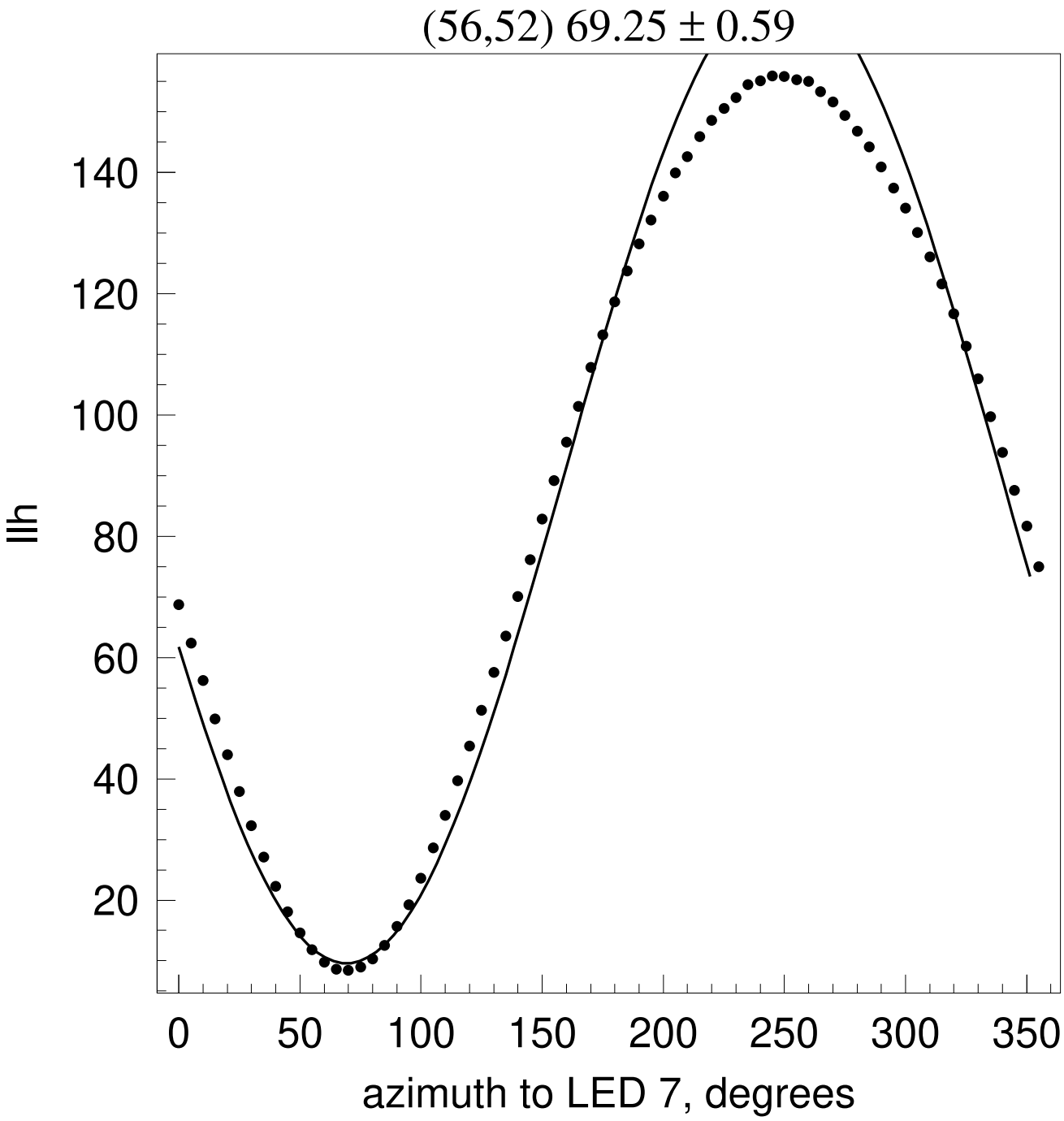

(56,47) 355.13 ± 0.46
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

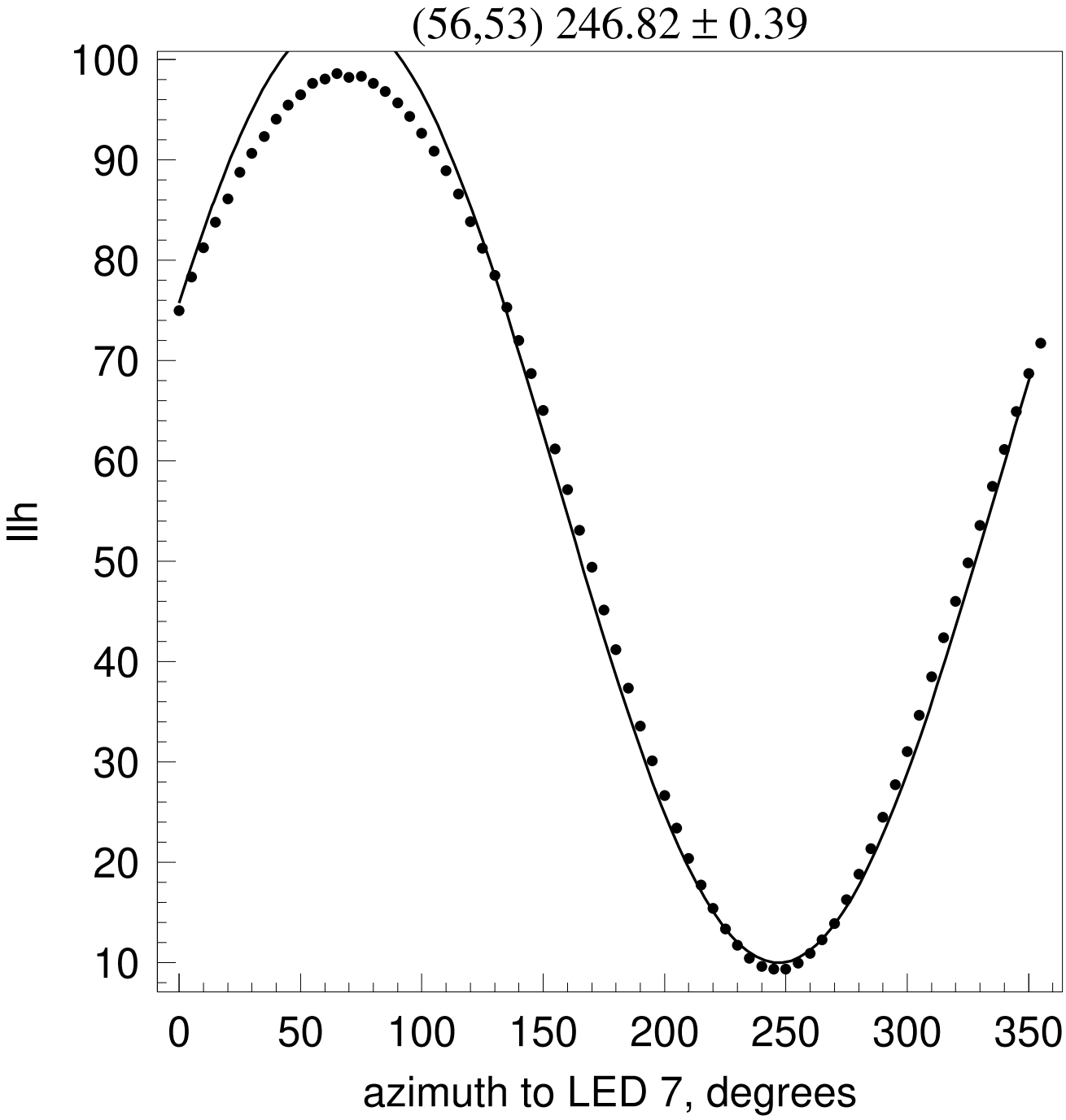

(56,48) 36.48 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

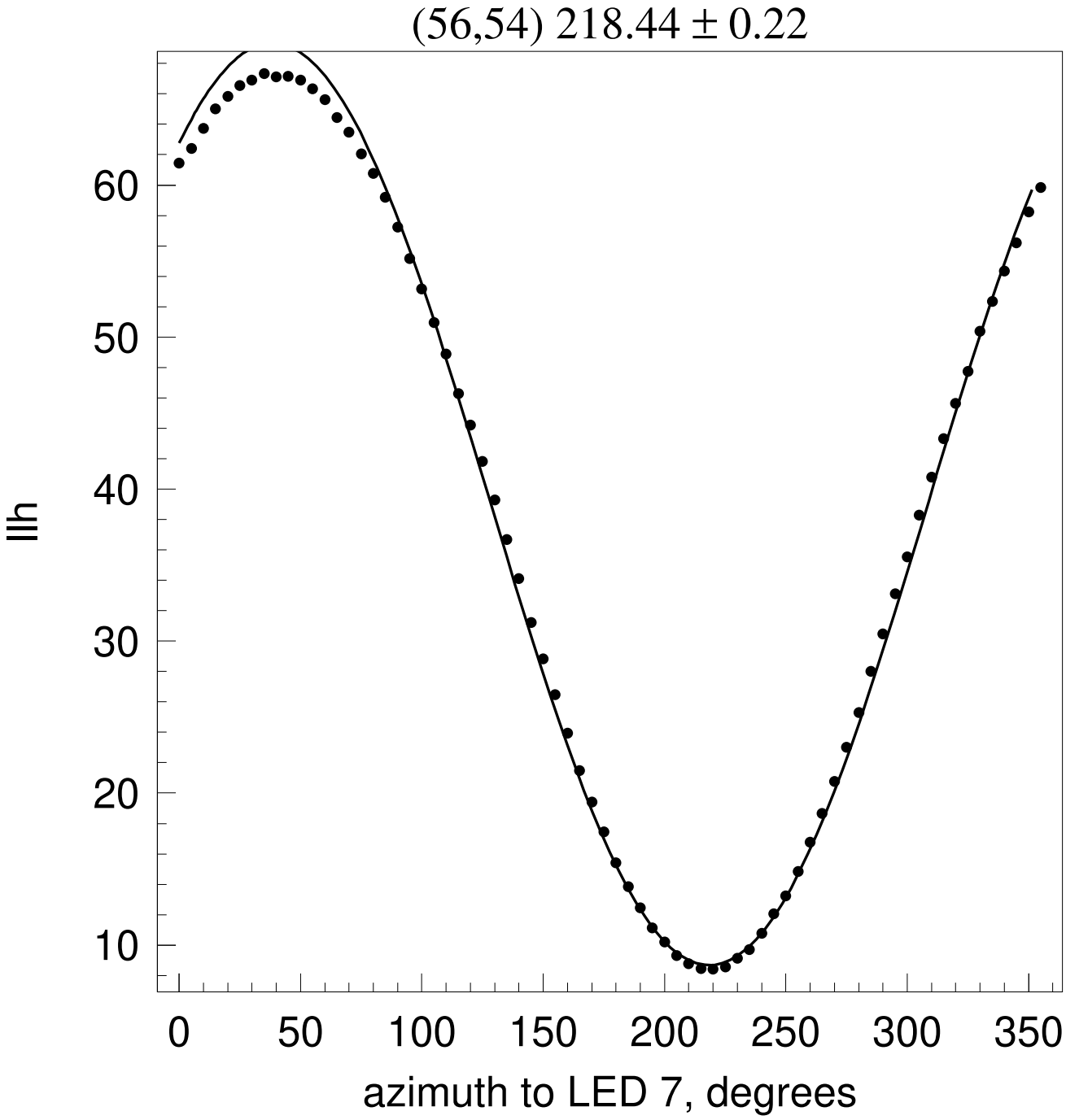

(56,49) 218.20 ± 0.66
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

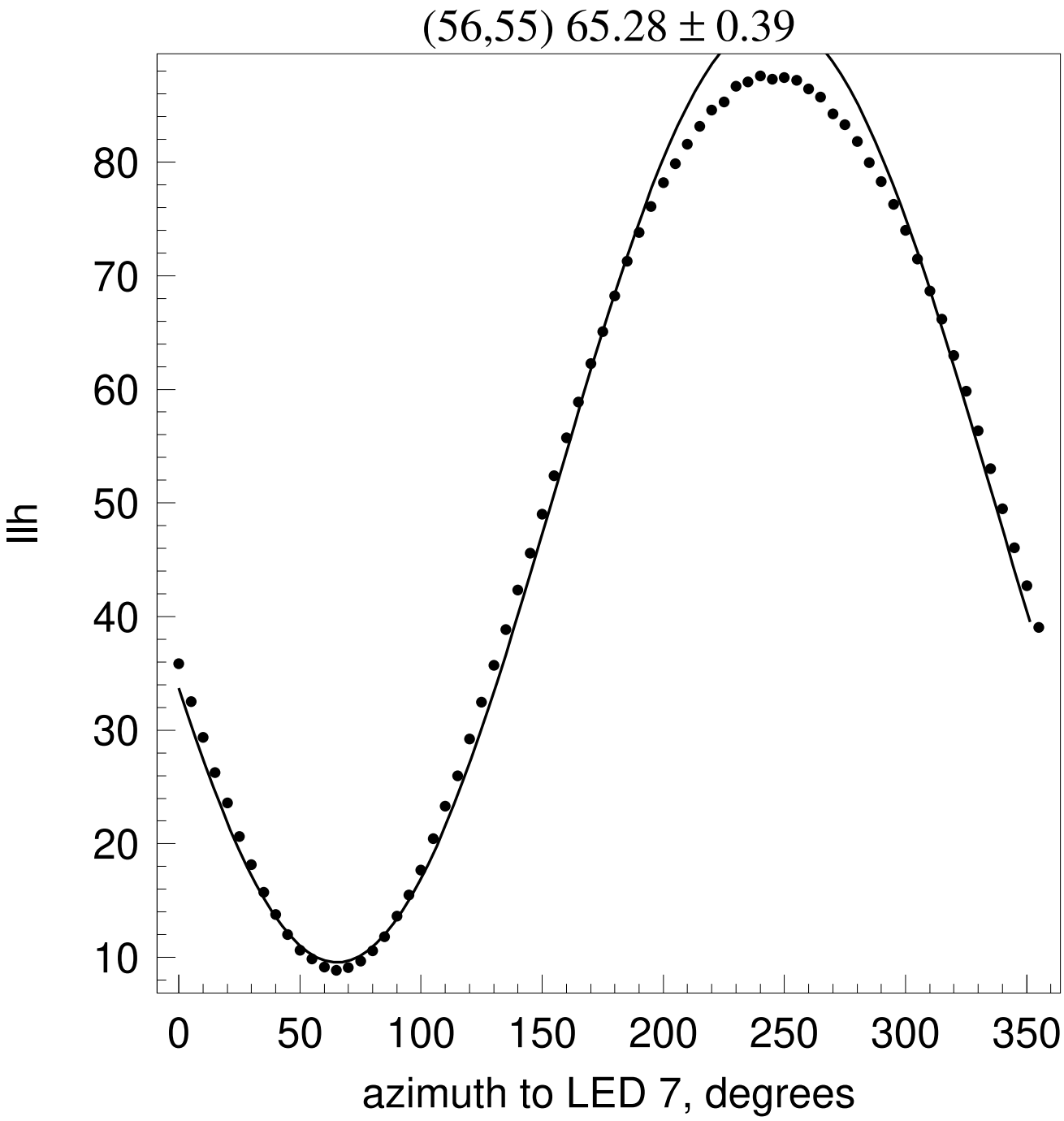

(56,50) 283.98 ± 0.65
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

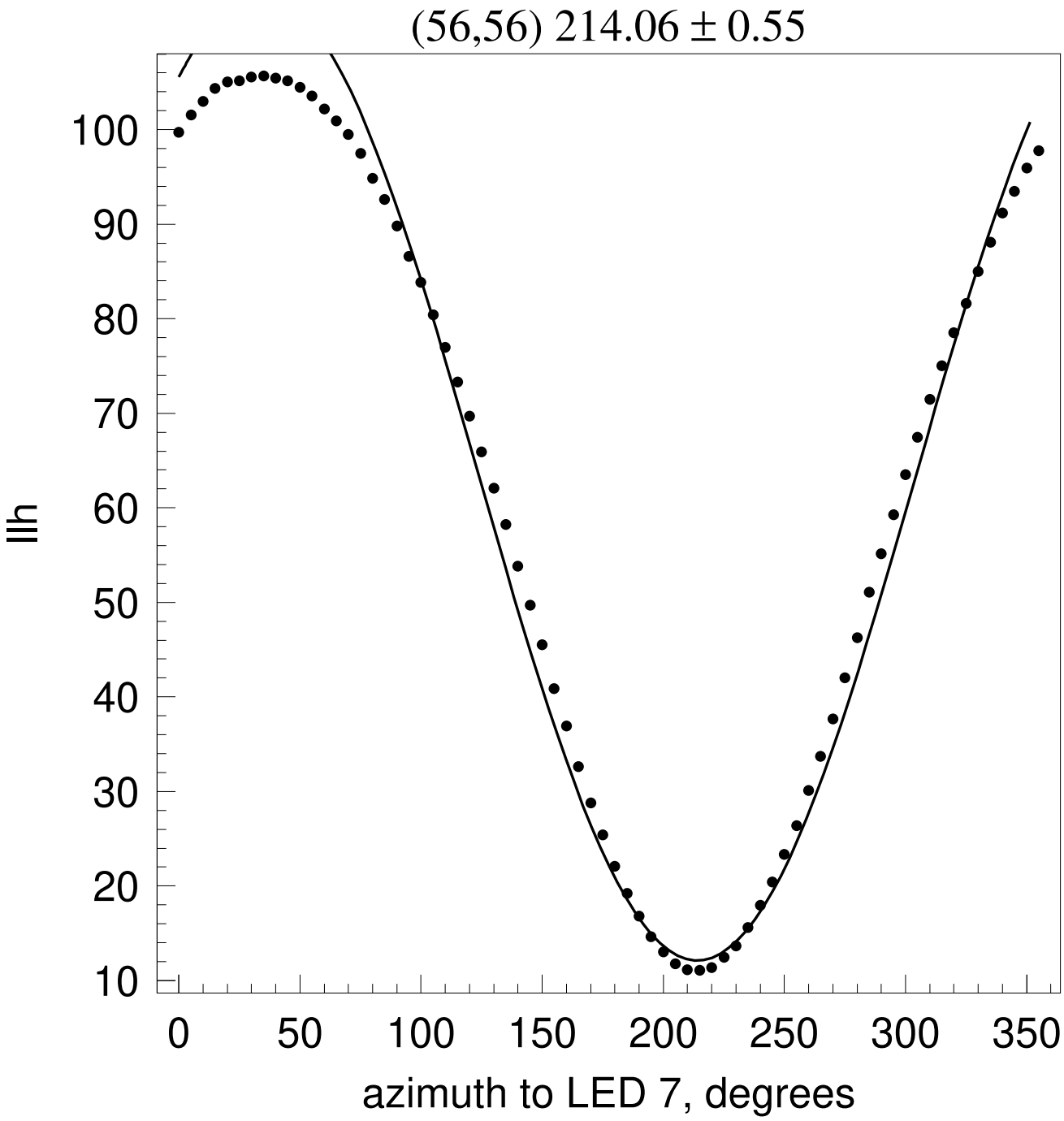

(56,51) 54.41 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

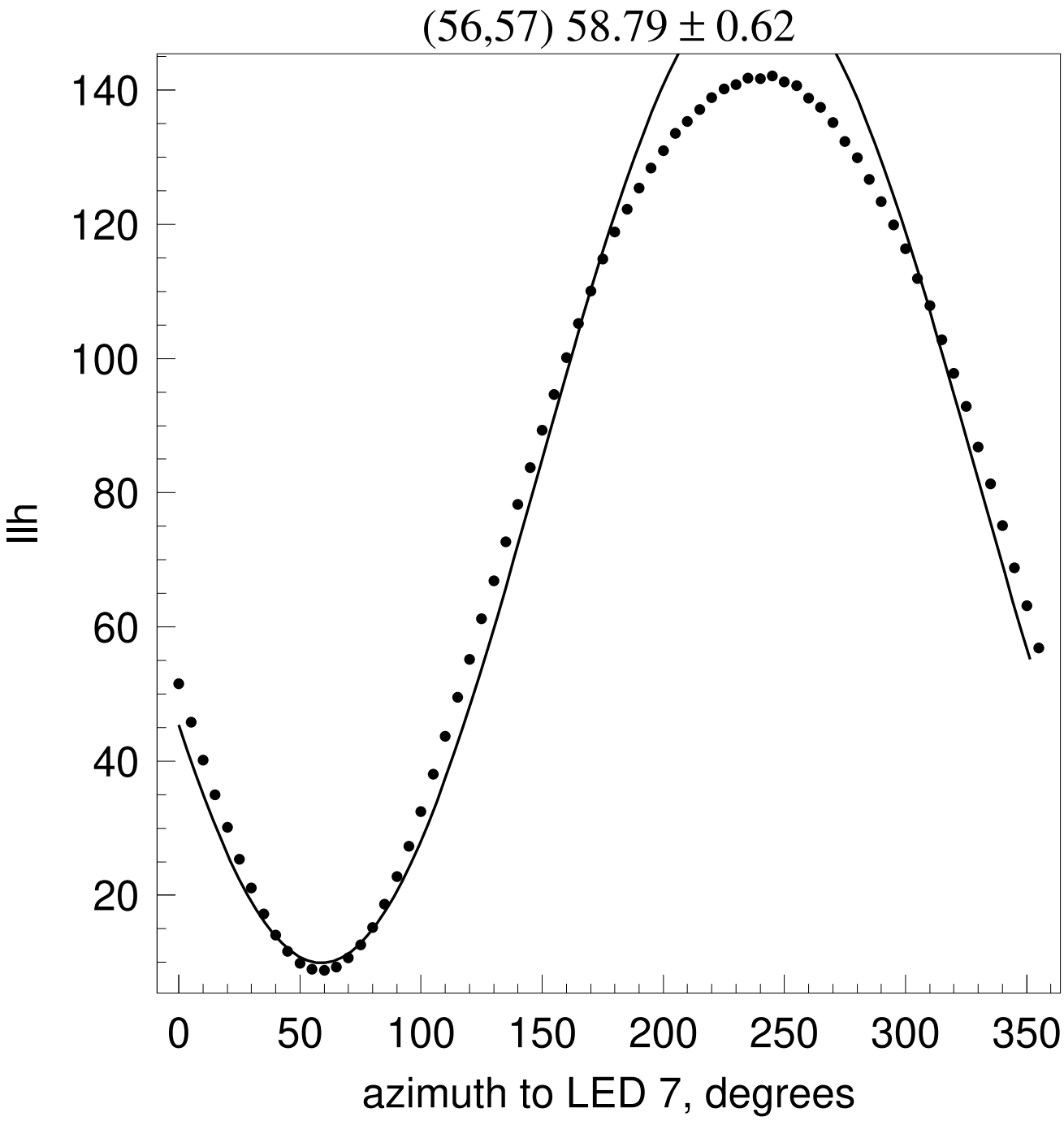

(56,52) 69.25 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

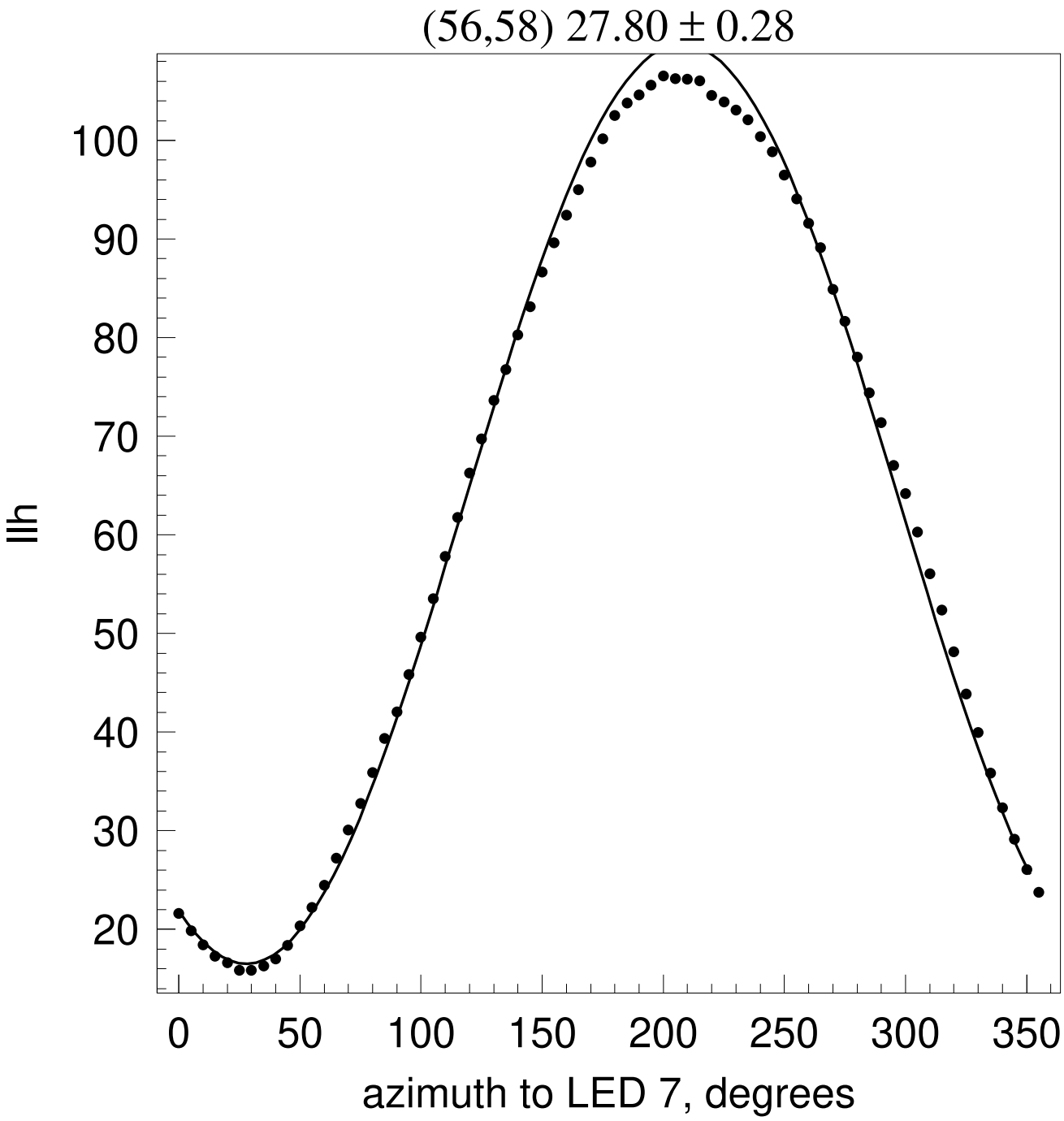

(56,53) 246.82 ± 0.39
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

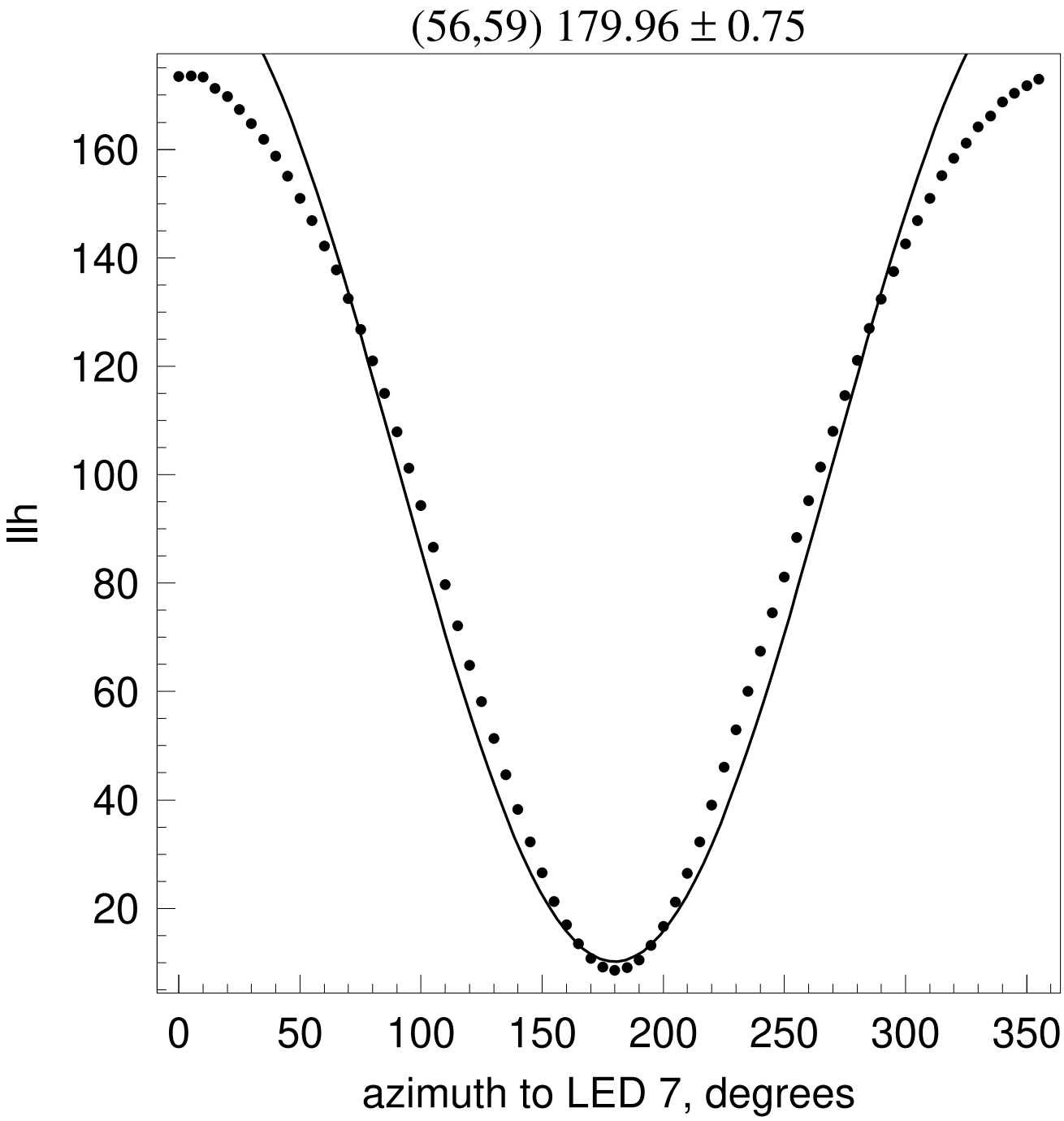

(56,54) 218.44 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

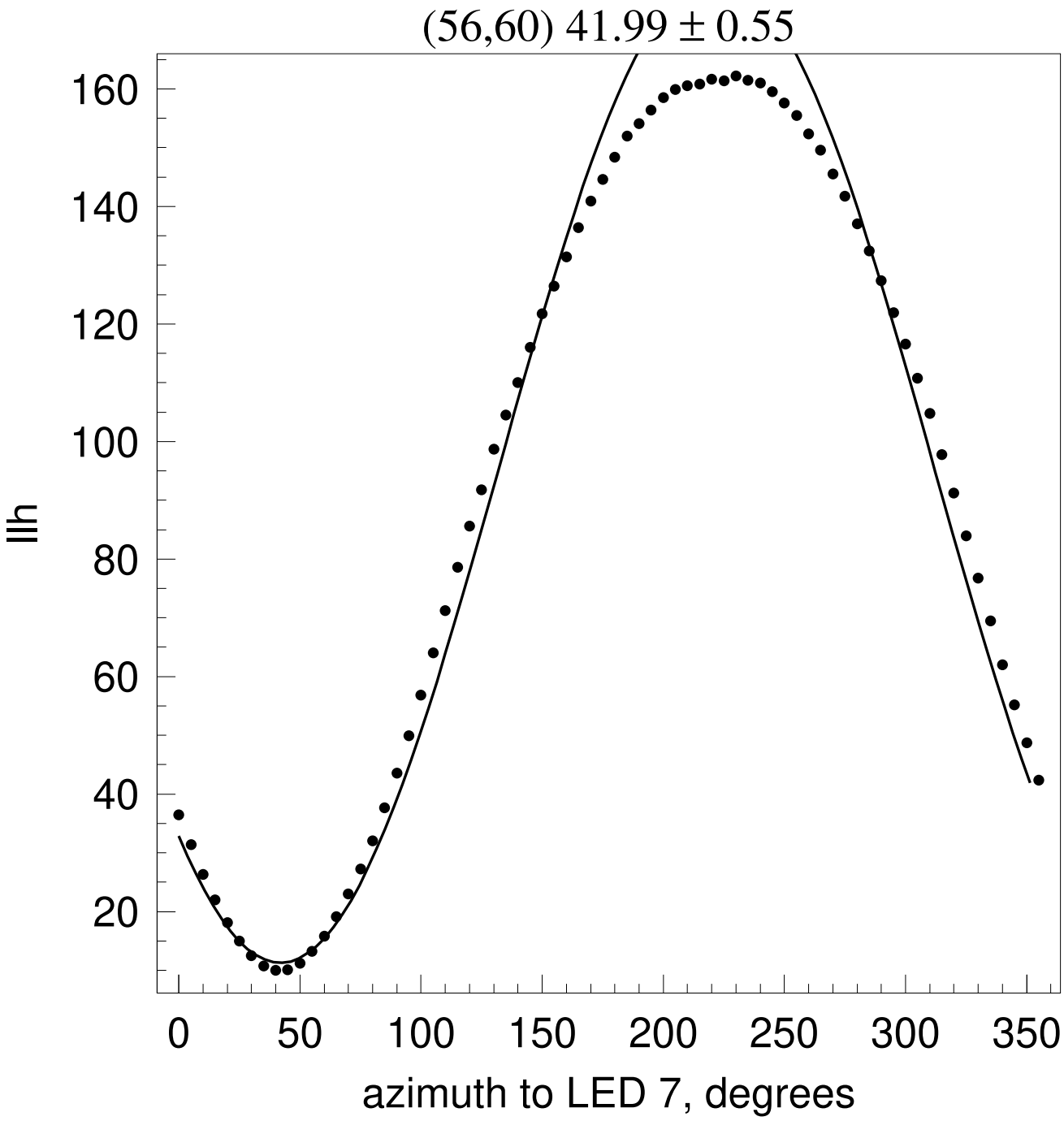

(56,55) 65.28 ± 0.39
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

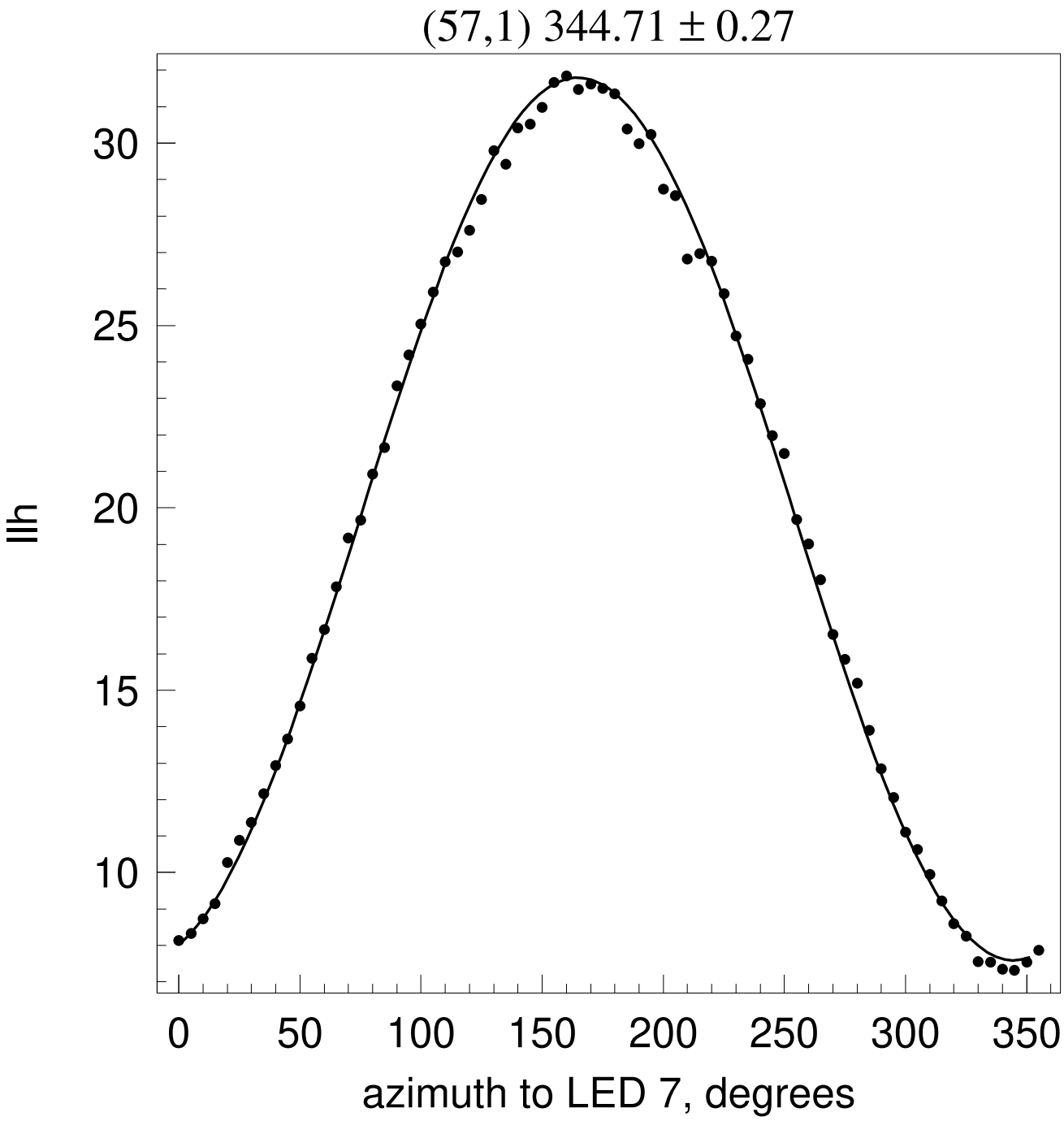

(56,56) 214.06 ± 0.55
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

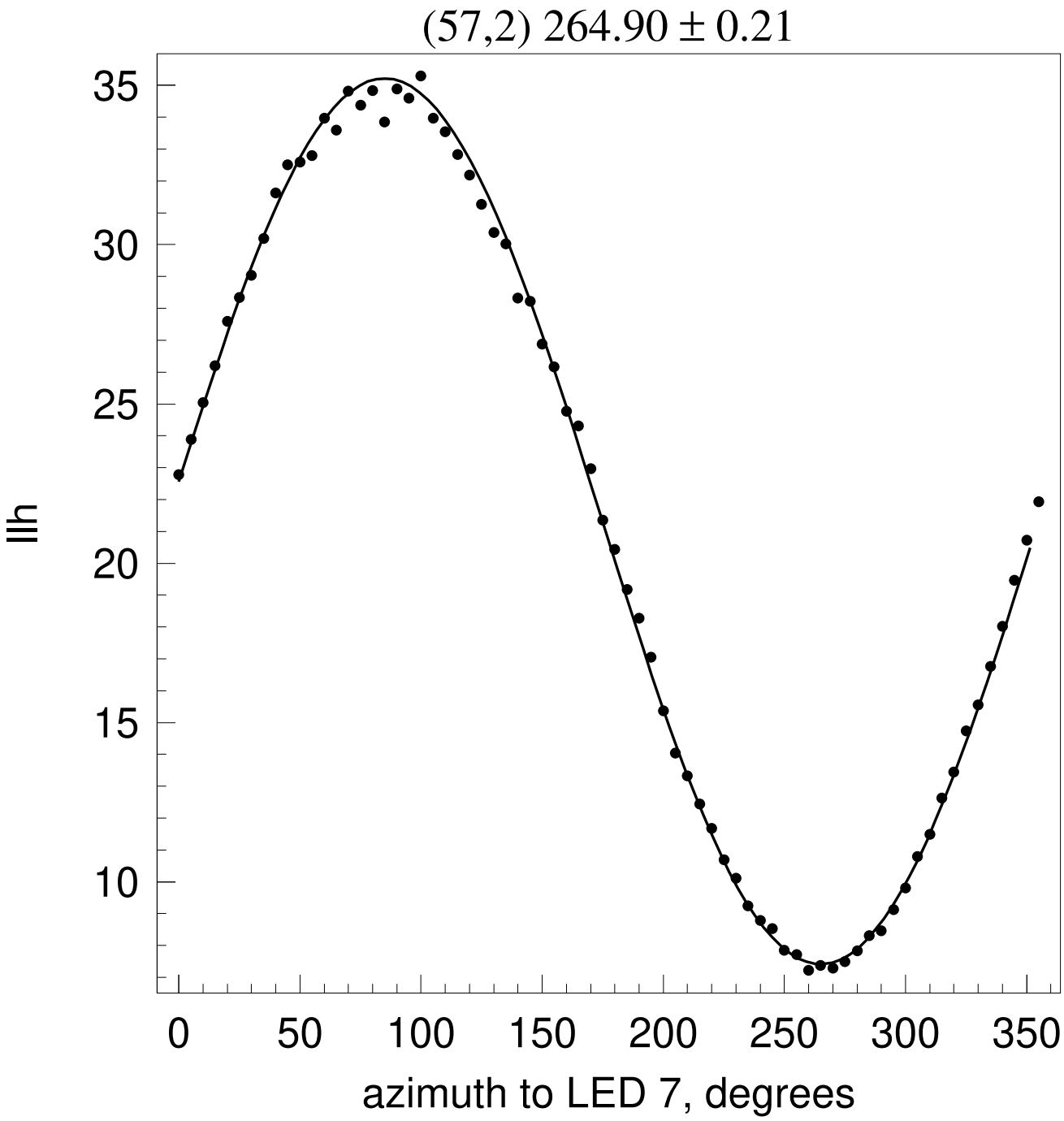

(56,57) 58.79 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

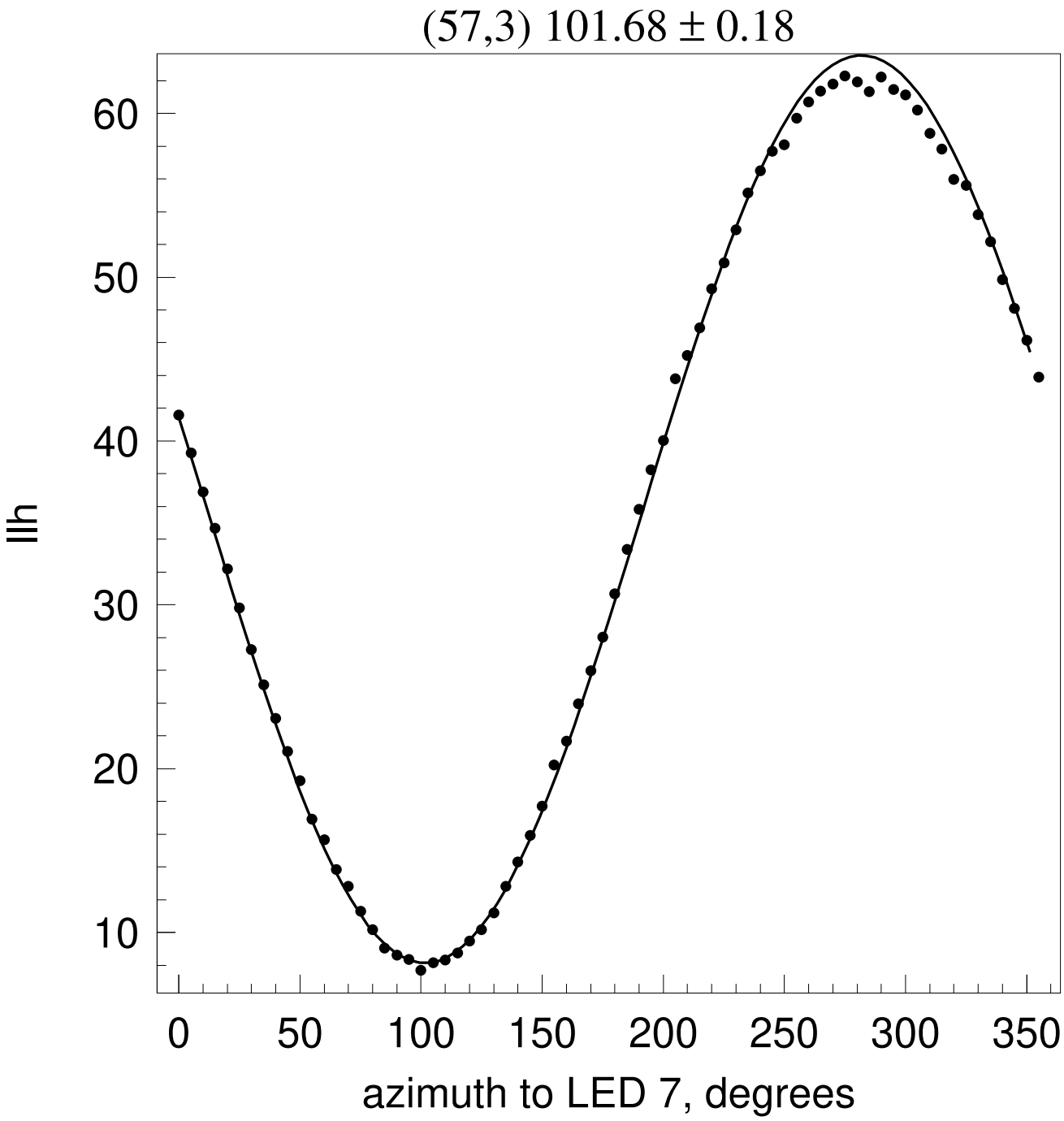

(56,58) 27.80 ± 0.28
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

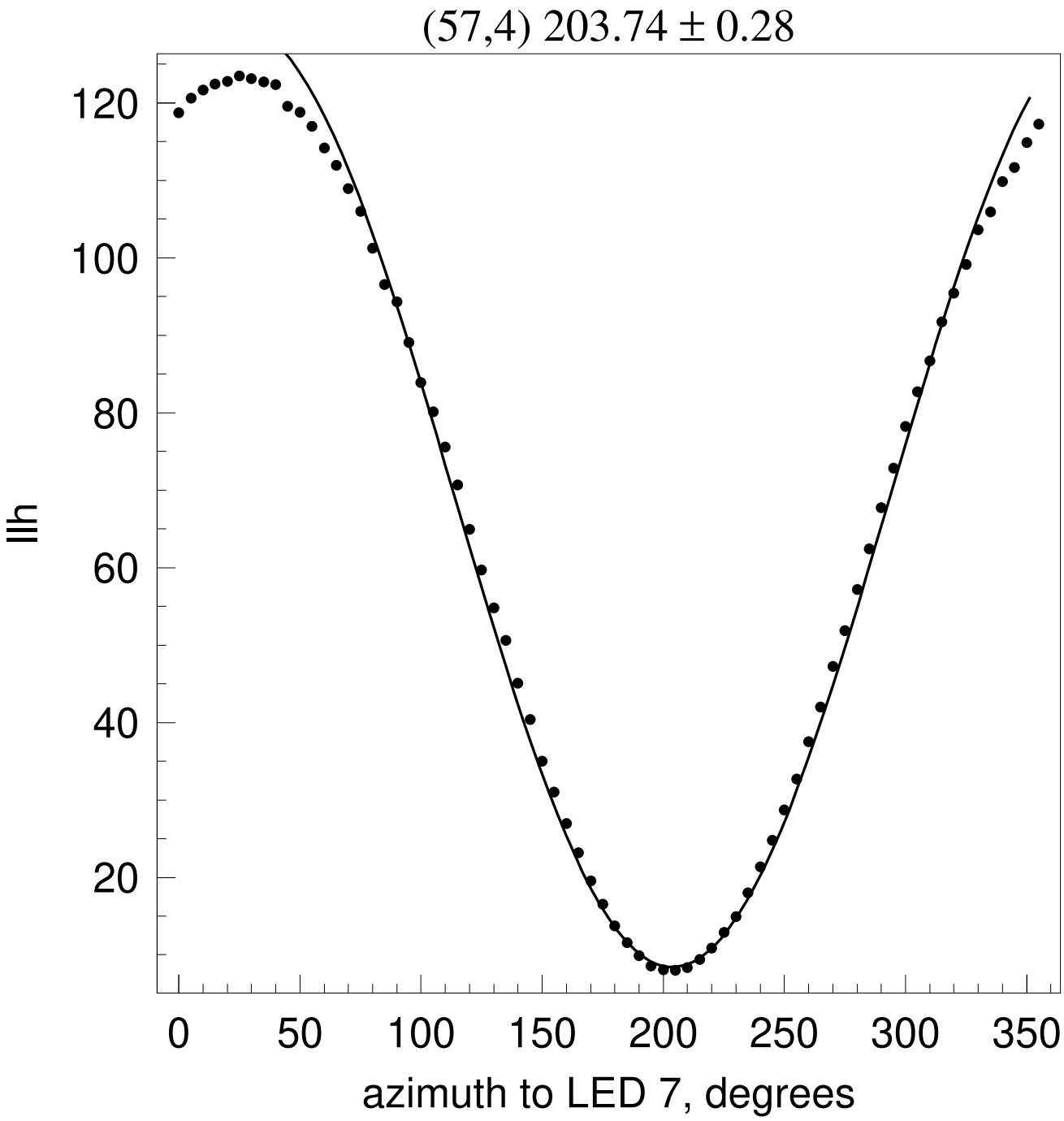

(56,59) 179.96 ± 0.75
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

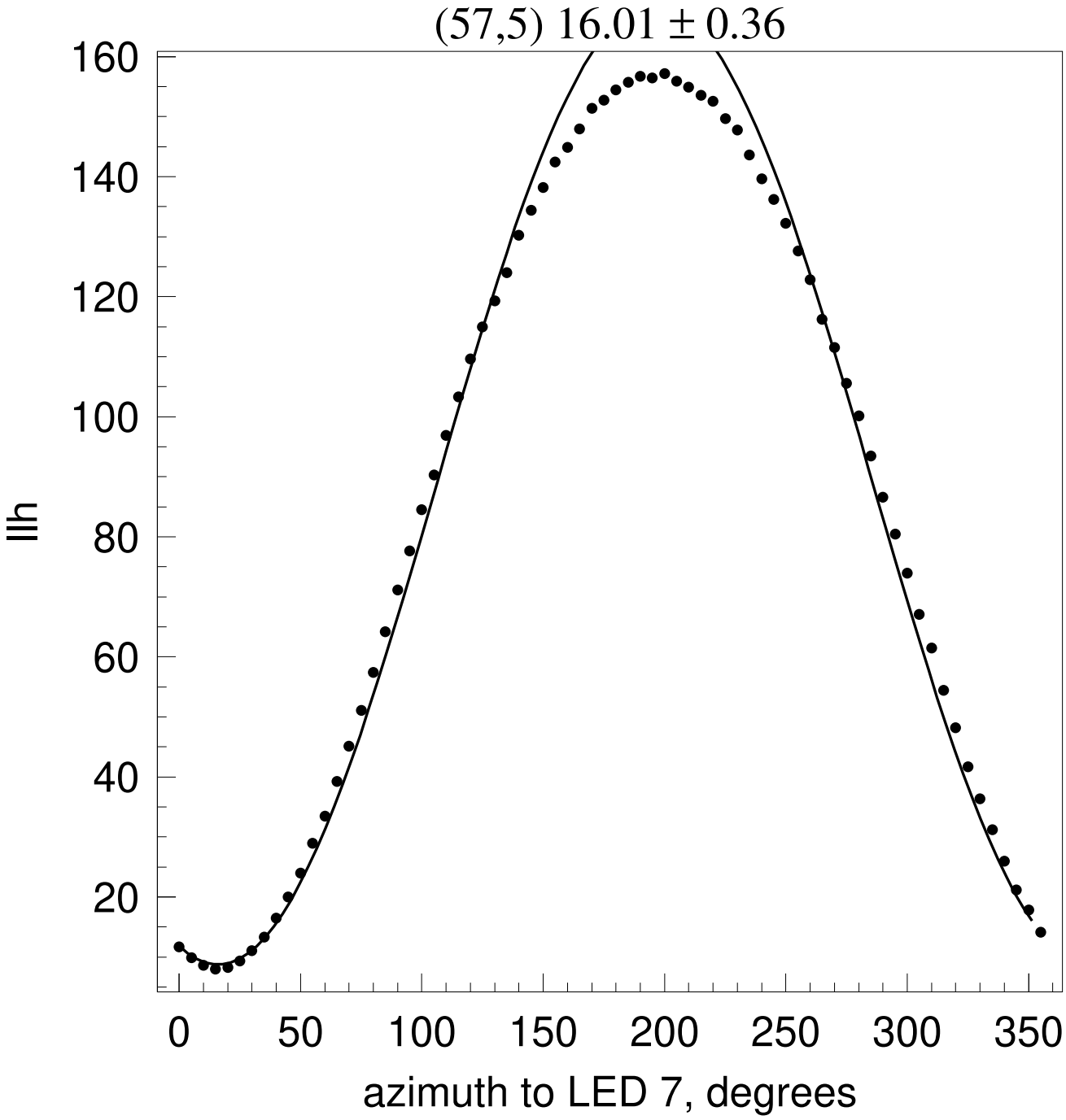

(56,60) 41.99 ± 0.55
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

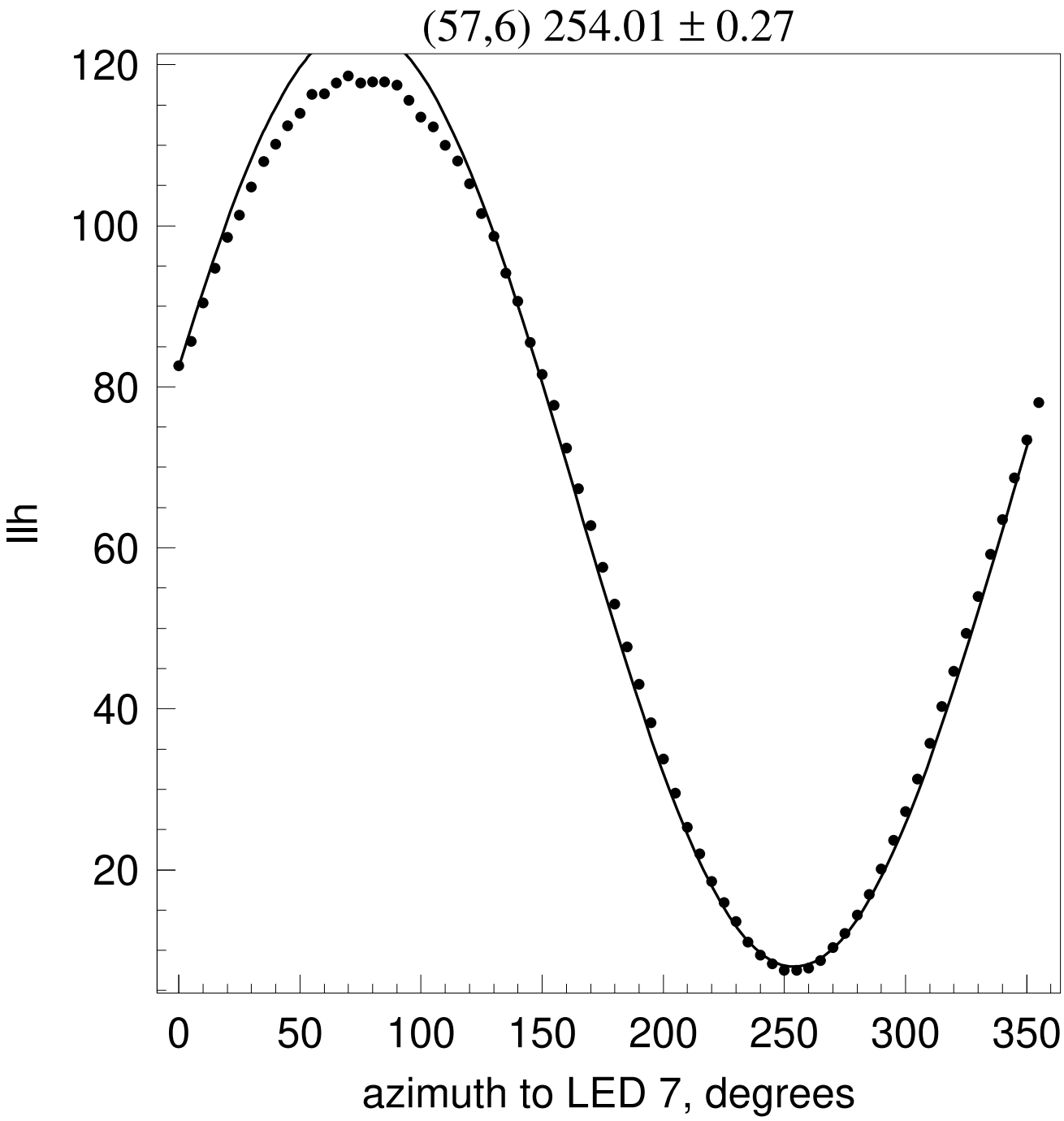

(57,1) 344.71 ± 0.27
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

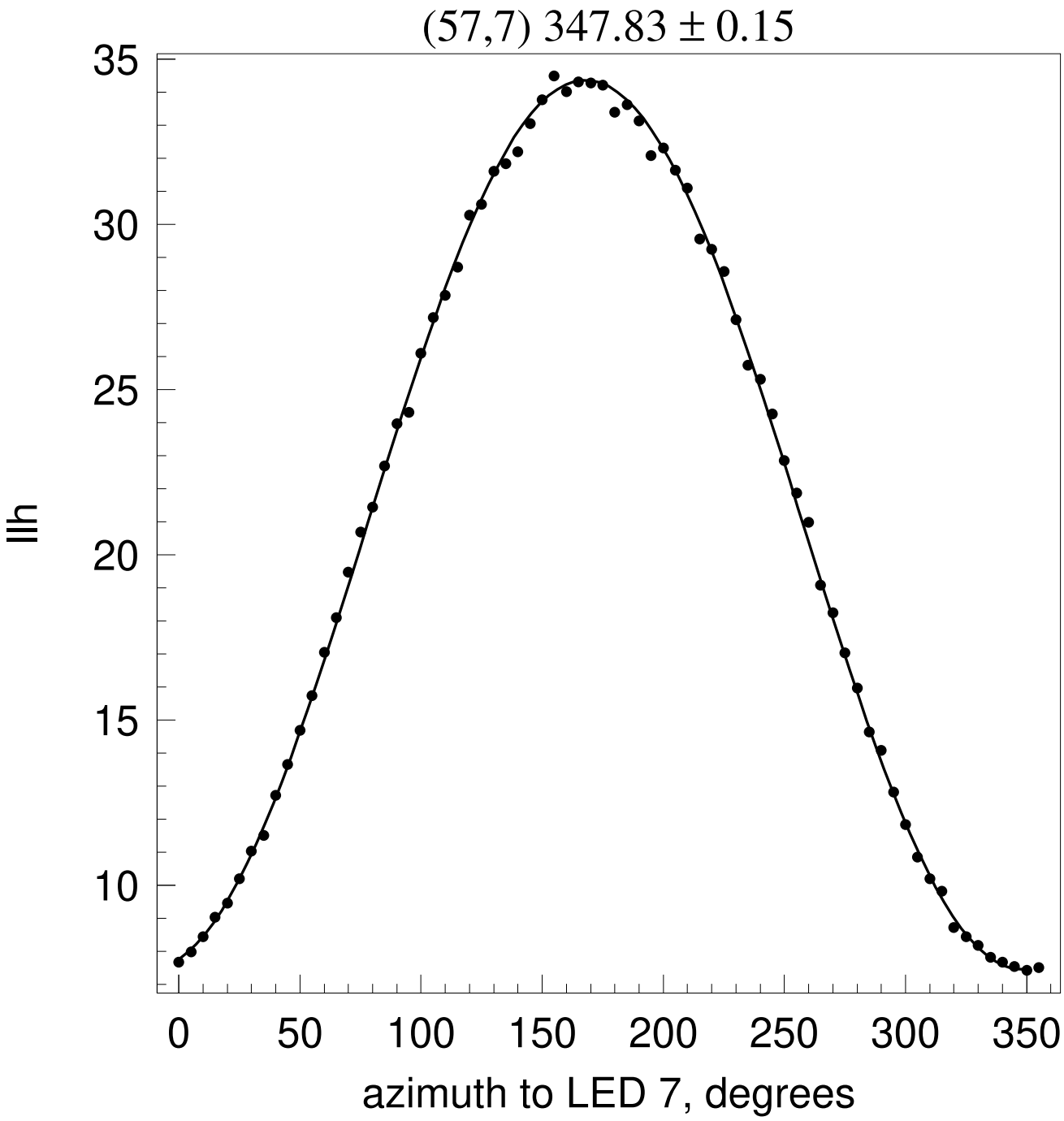

(57,2) 264.90 ± 0.21
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

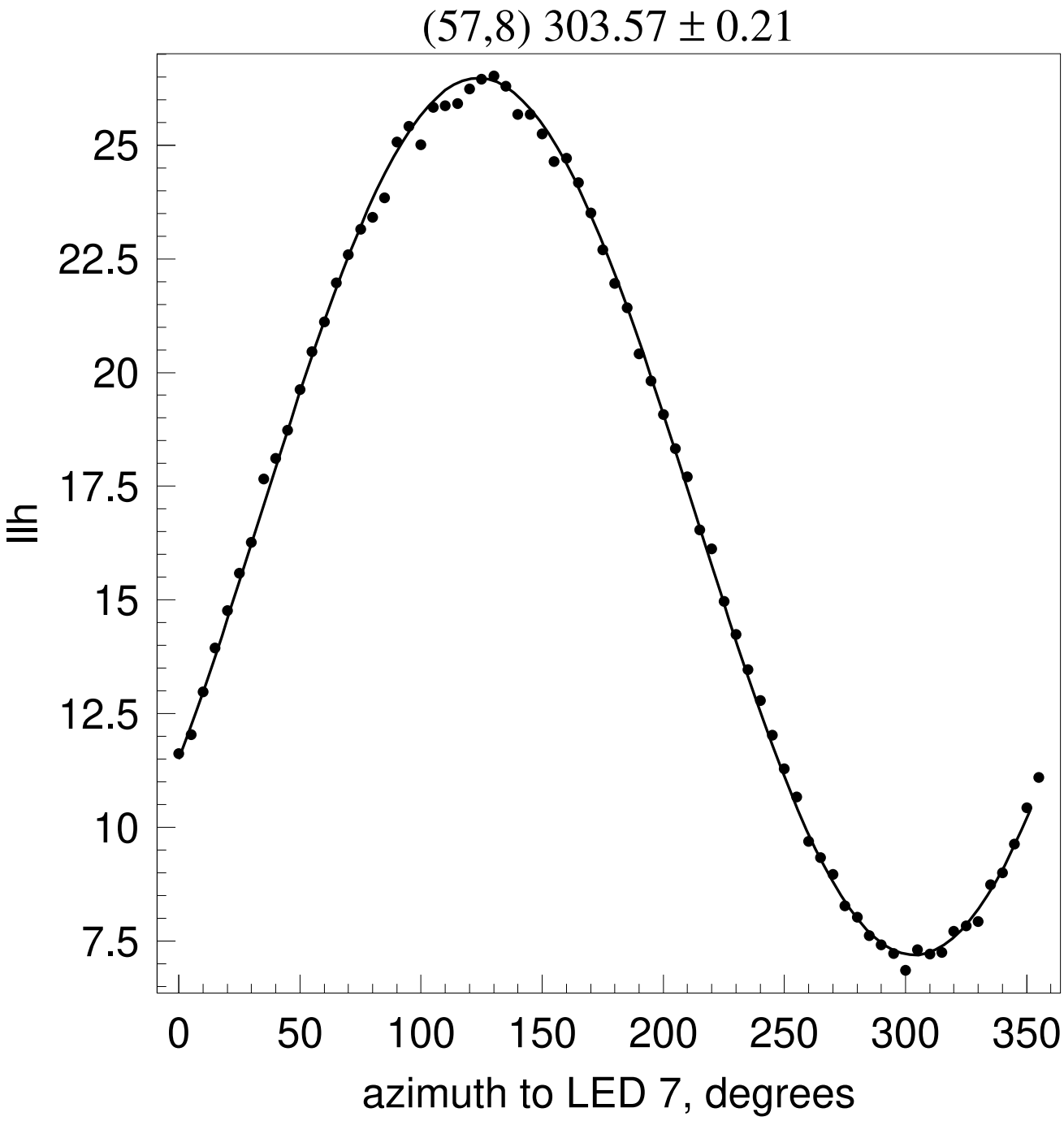

(57,3) 101.68 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

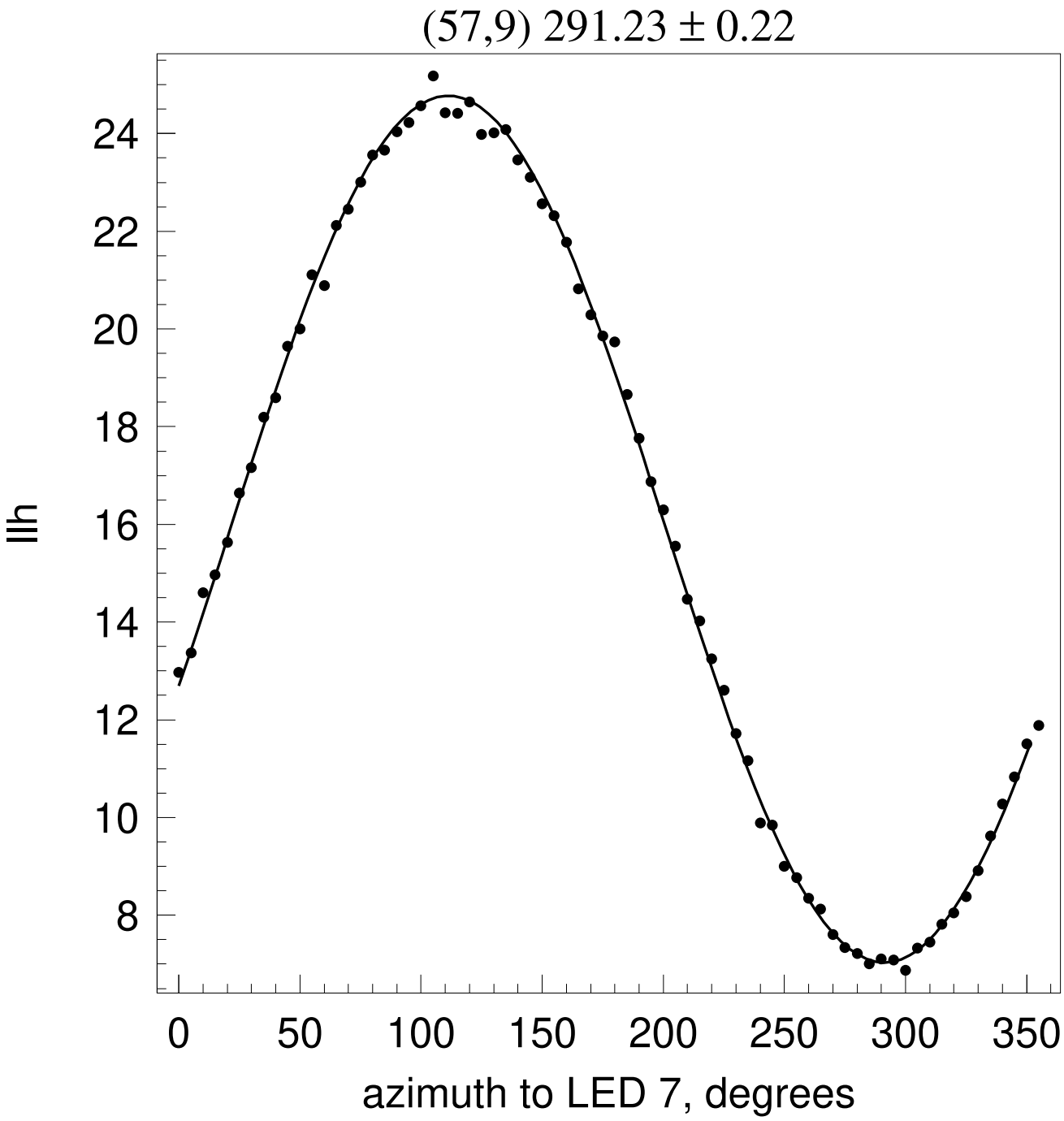

(57,4) 203.74 ± 0.28
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

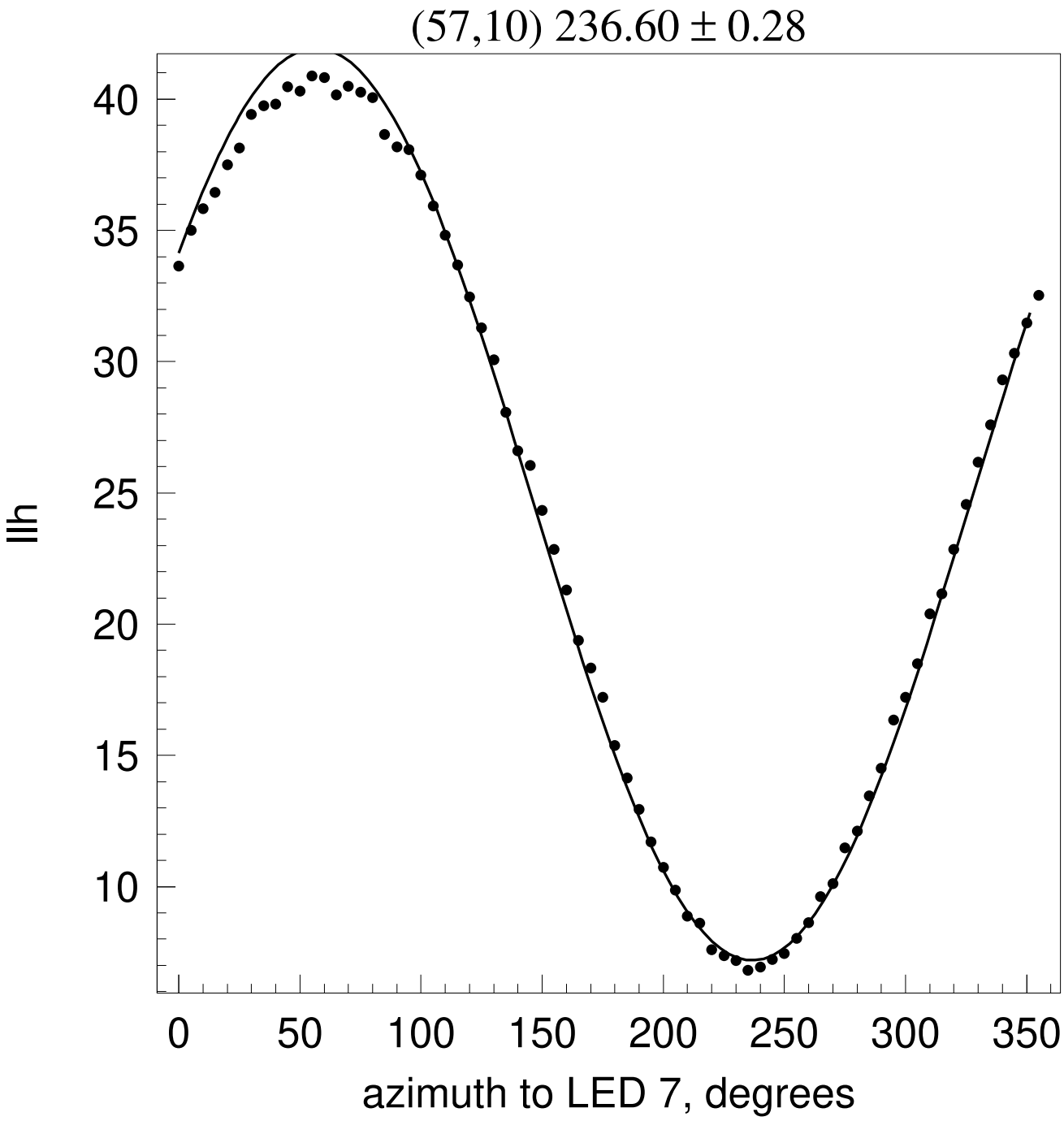

(57,5) 16.01 ± 0.36
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

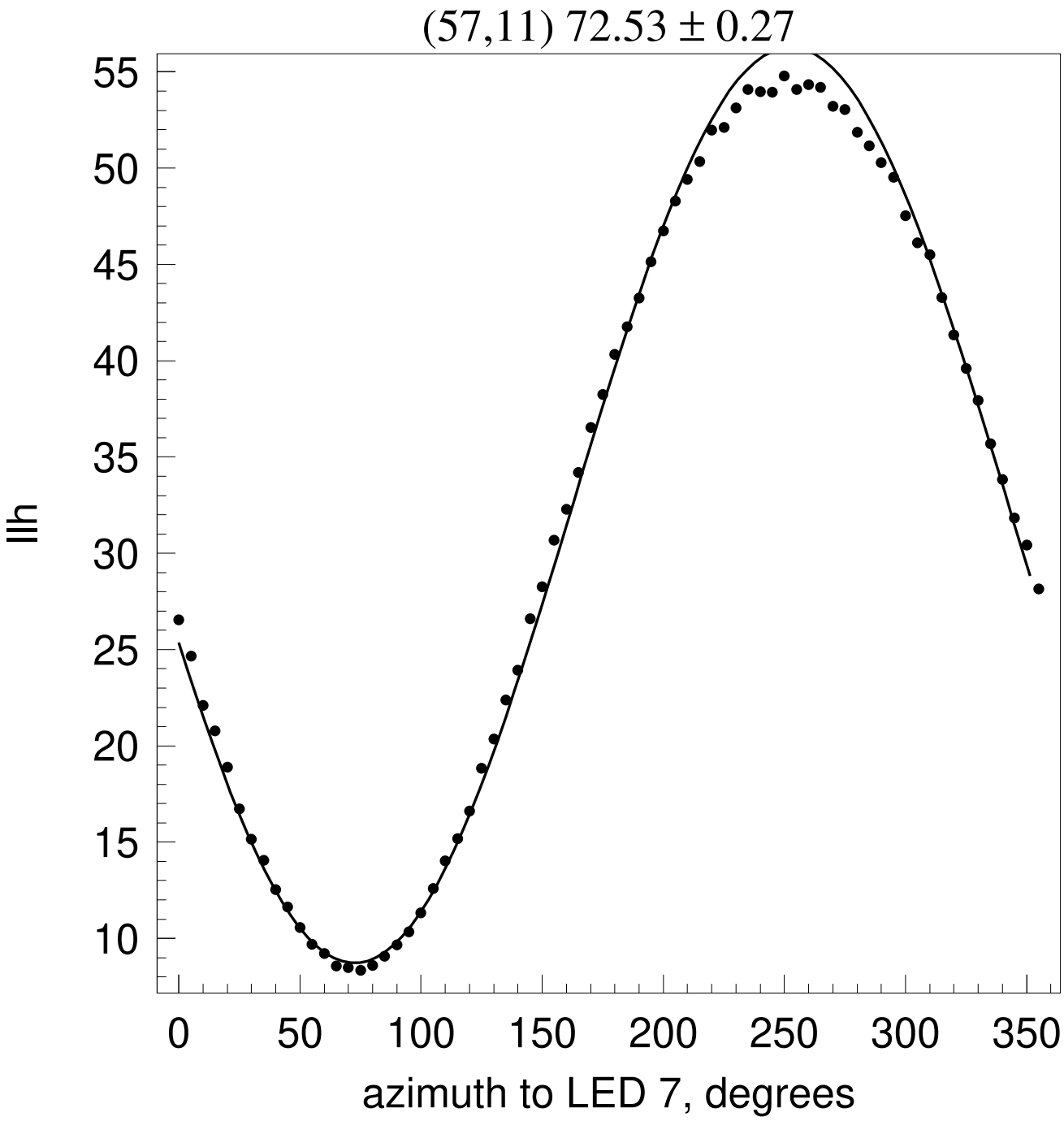

(57,6) 254.01 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

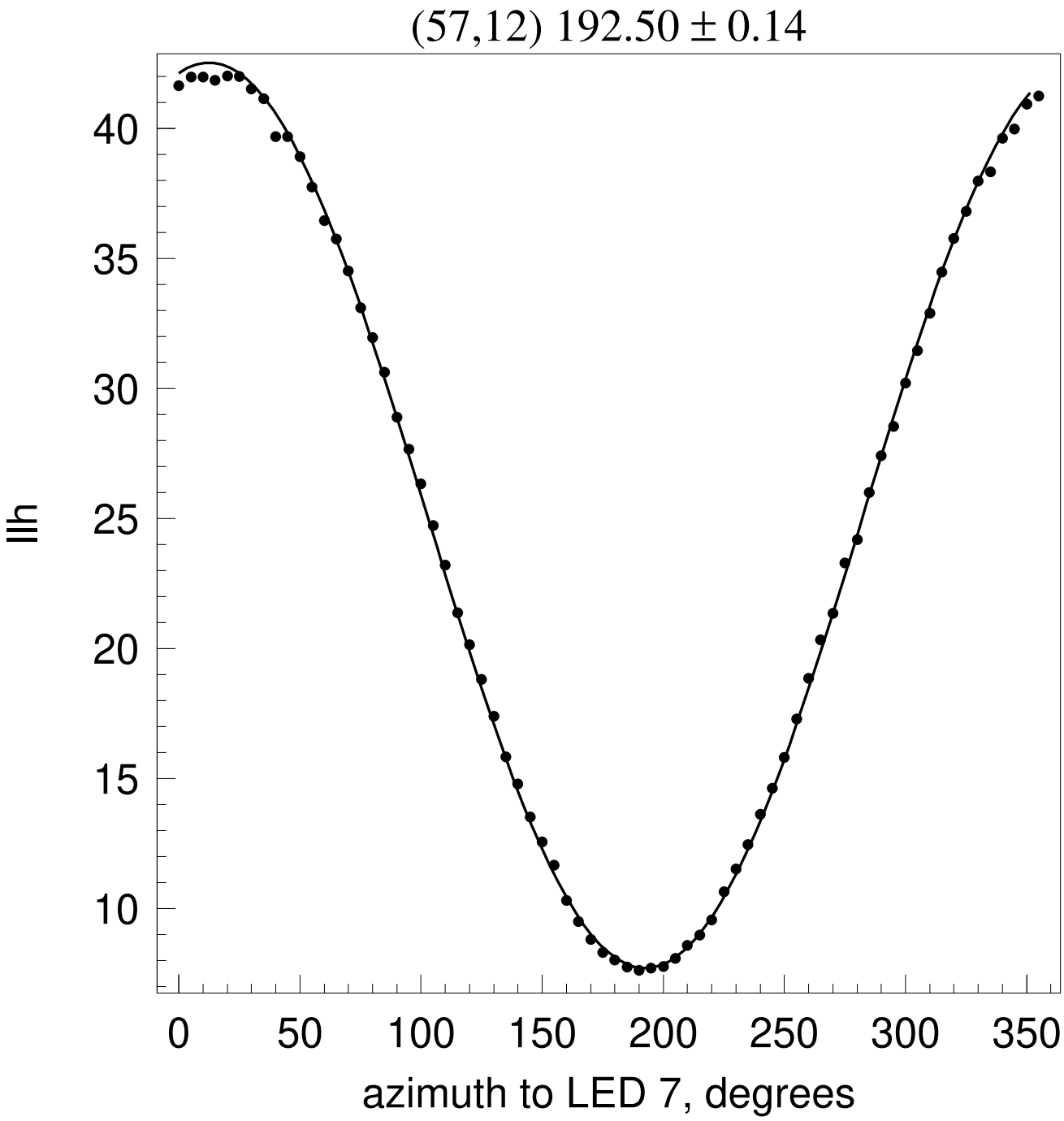

(57,7) 347.83 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

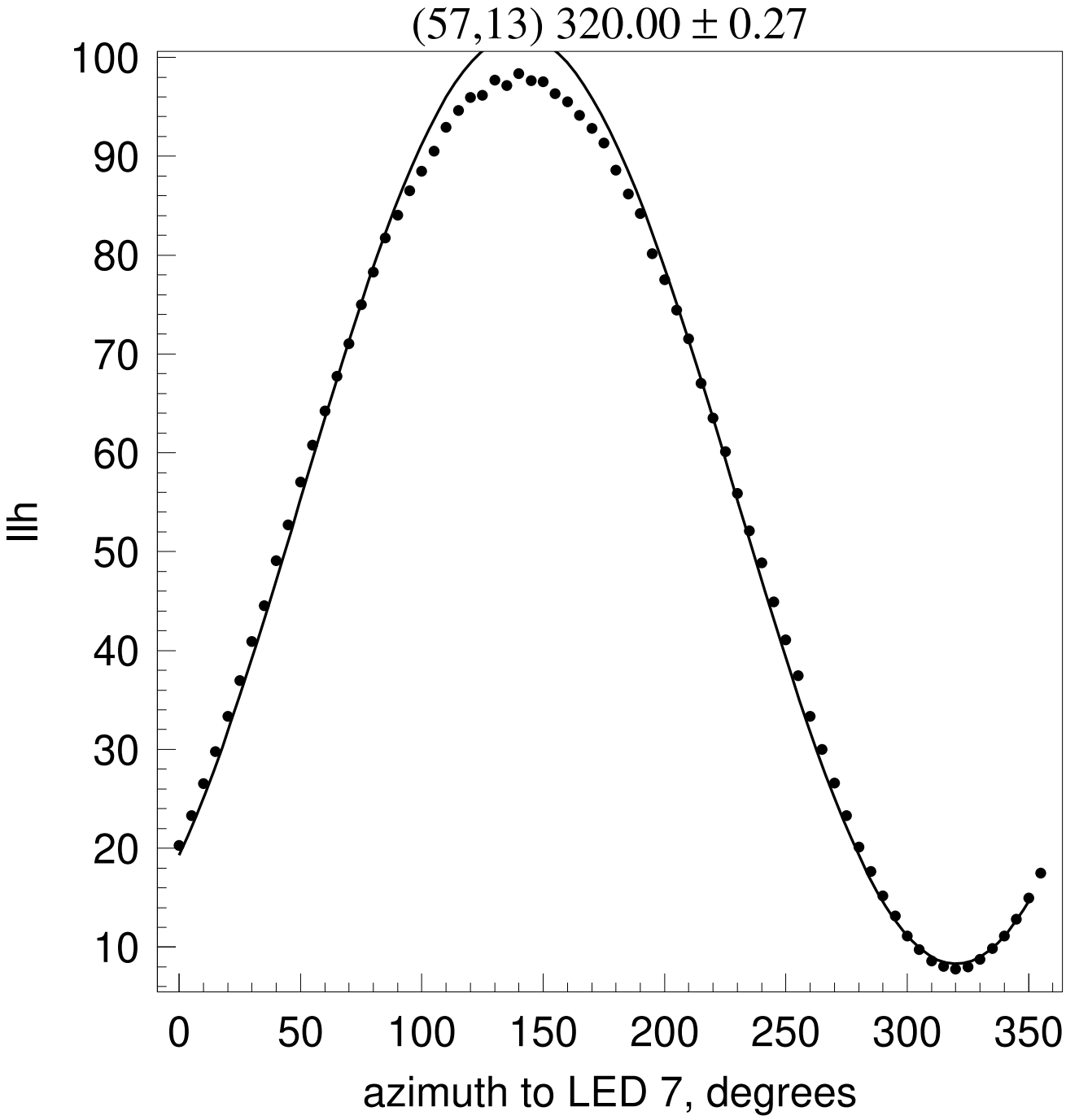

(57,8) 303.57 ± 0.21
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

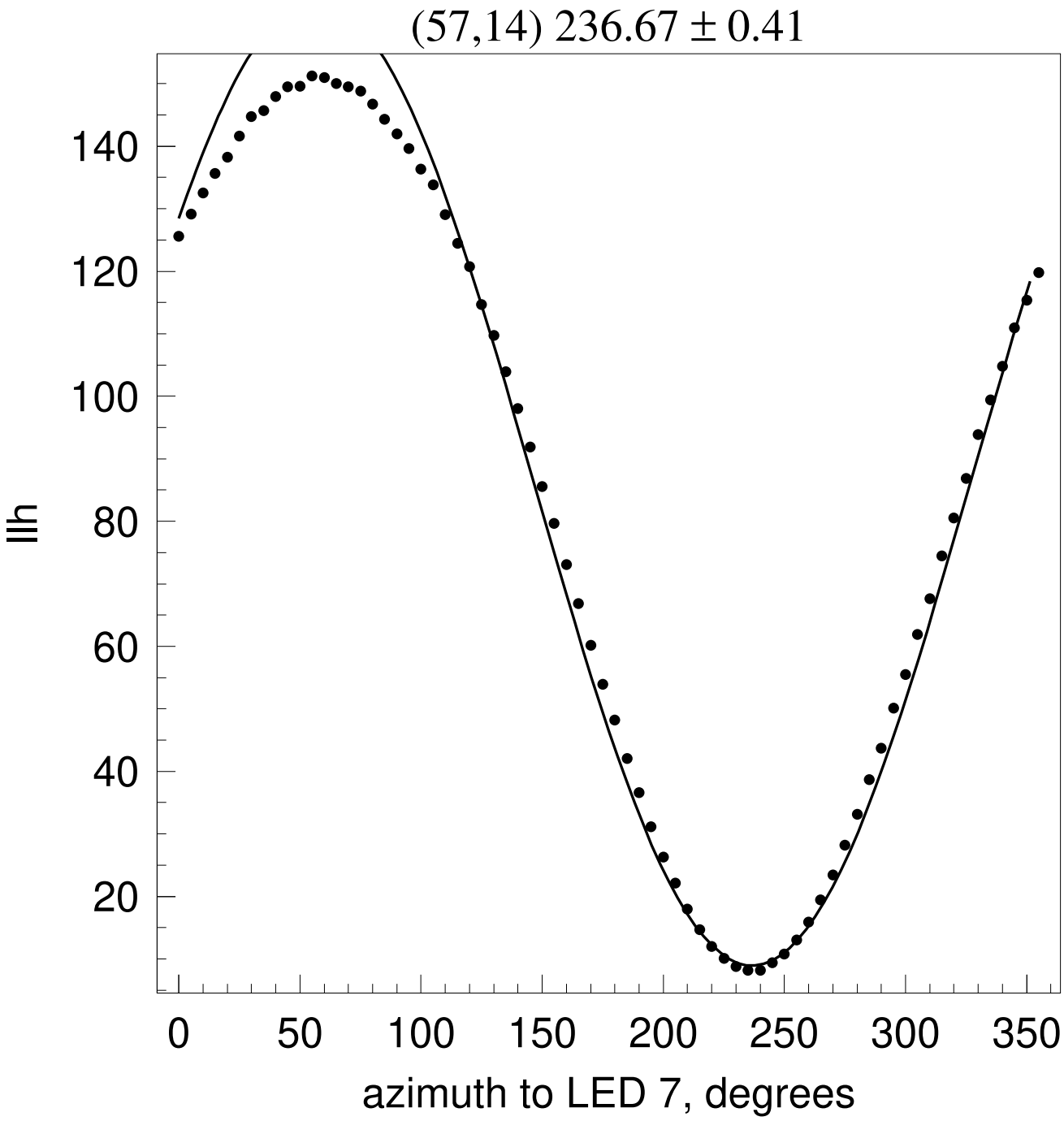

(57,9) 291.23 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

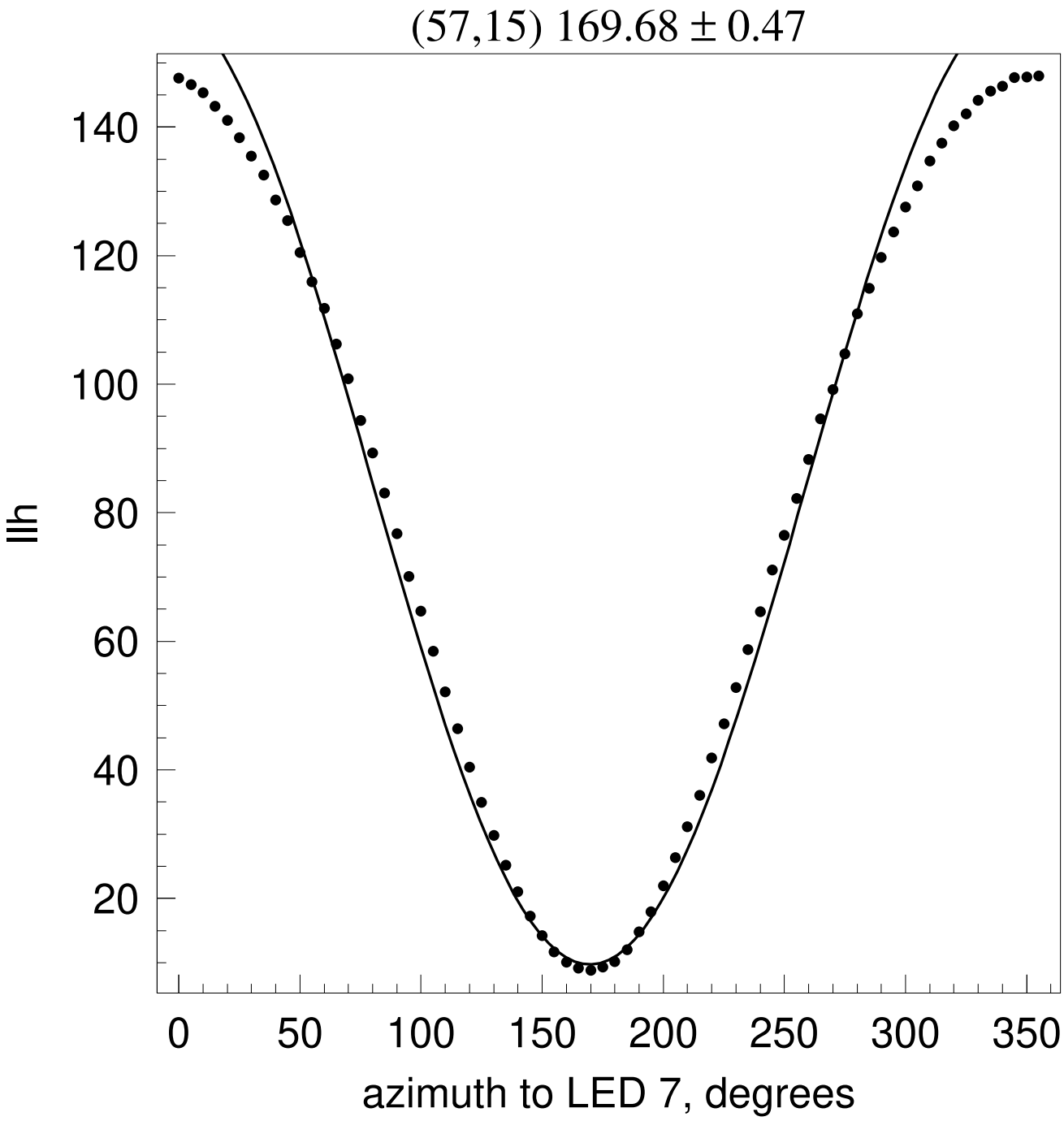

(57,10) 236.60 ± 0.28
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

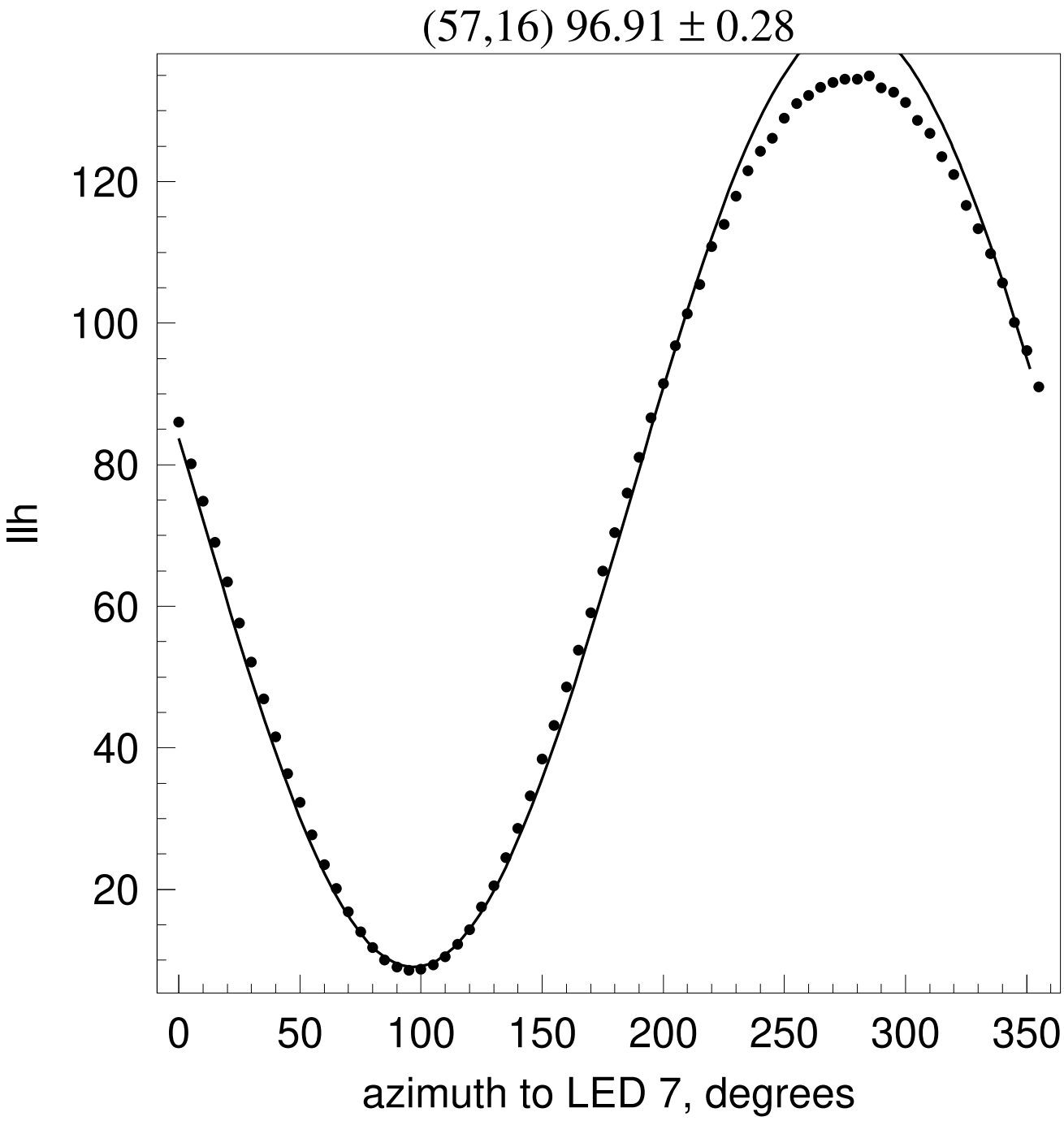

(57,11) 72.53 ± 0.27
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

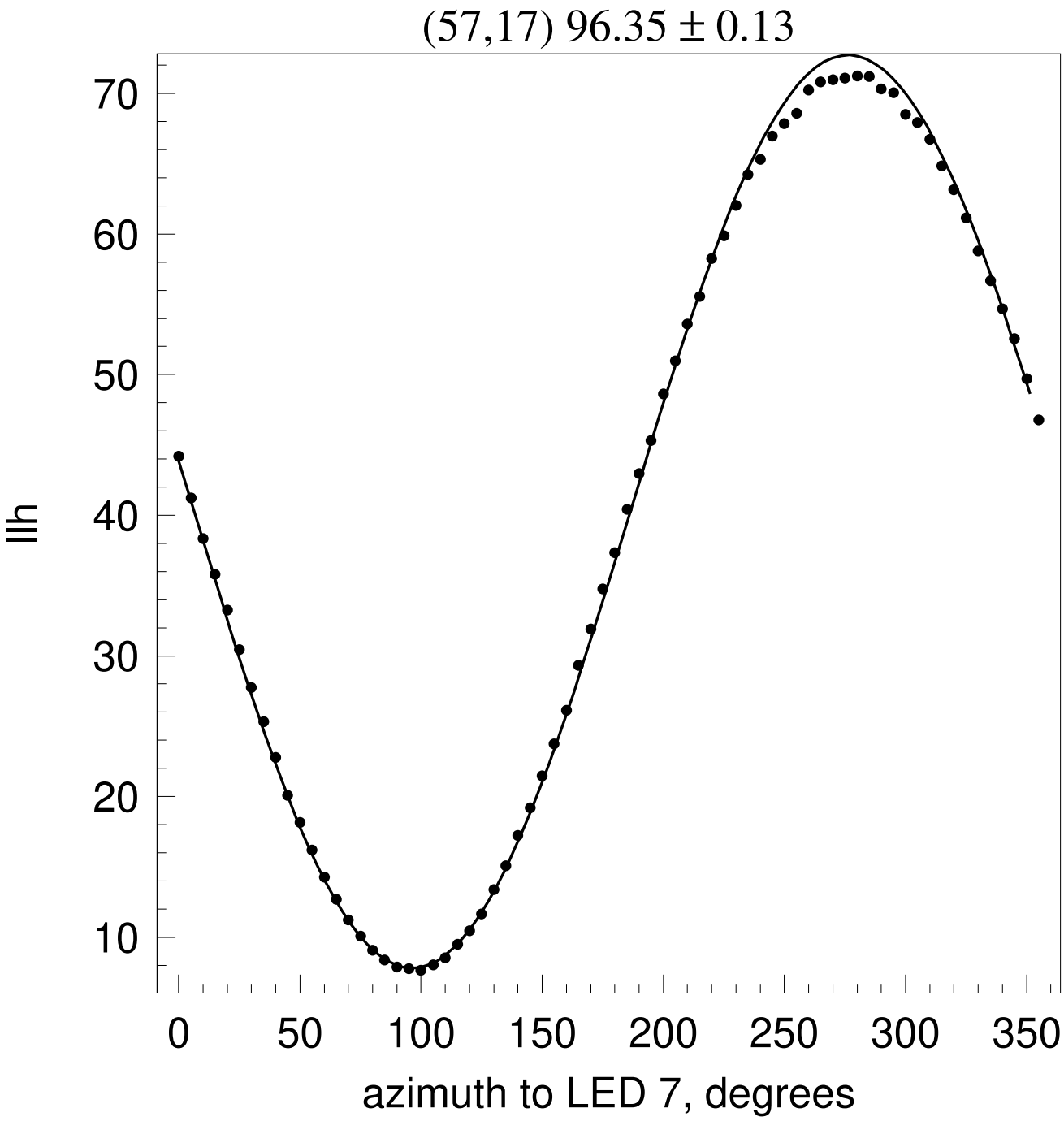

(57,12) 192.50 ± 0.14
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

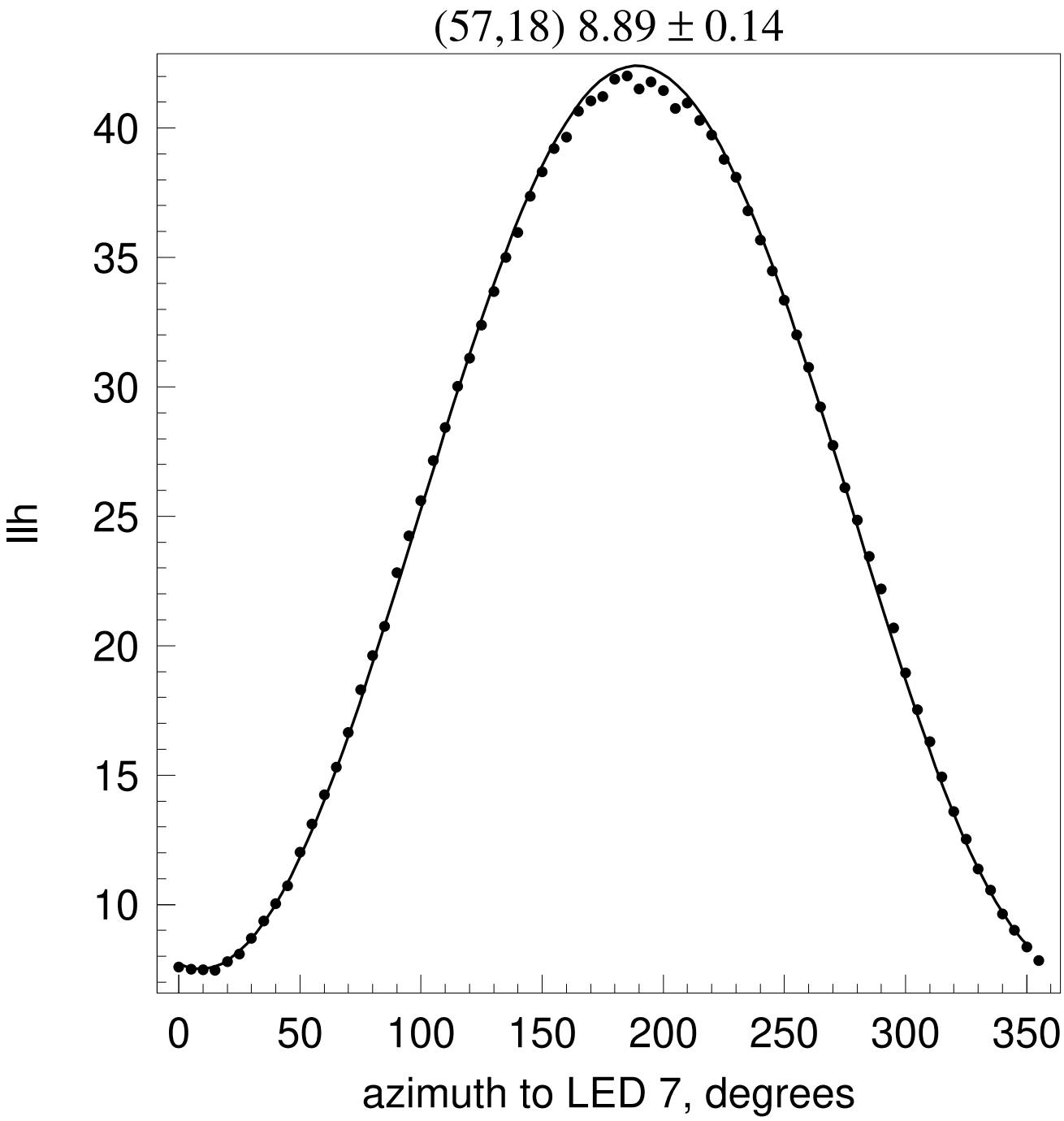

(57,13) 320.00 ± 0.27
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

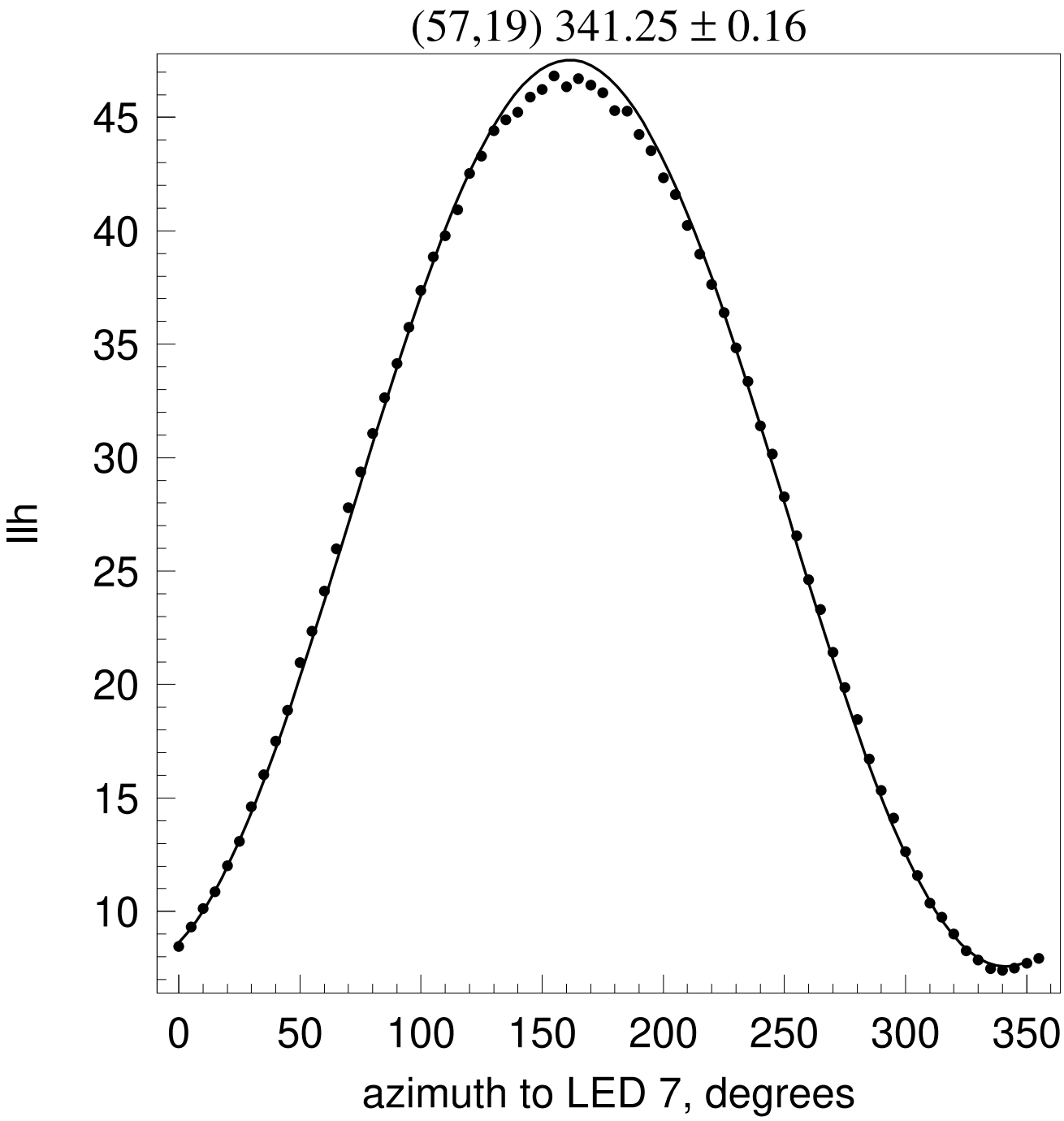

(57,14) 236.67 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

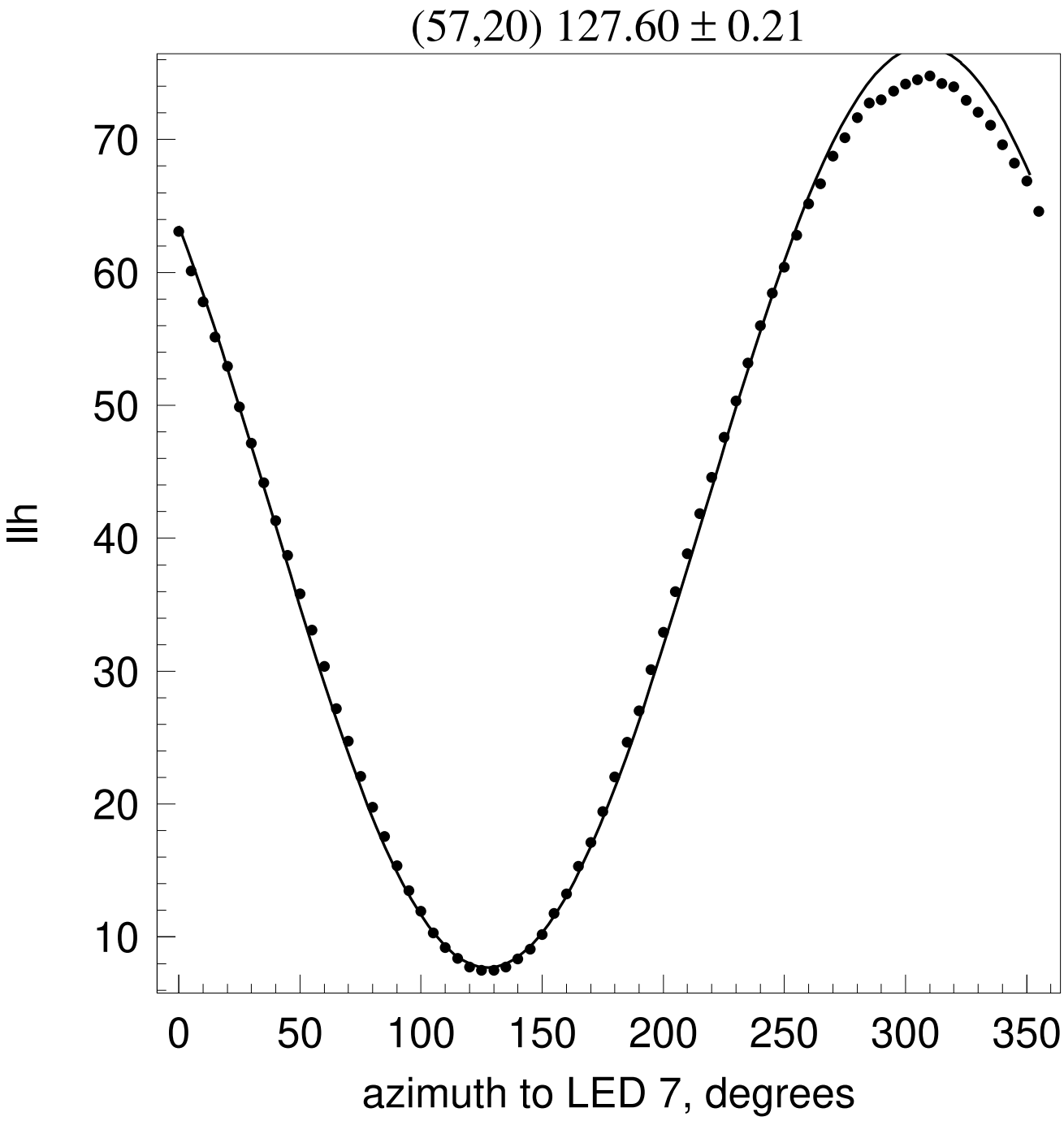

(57,15) 169.68 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

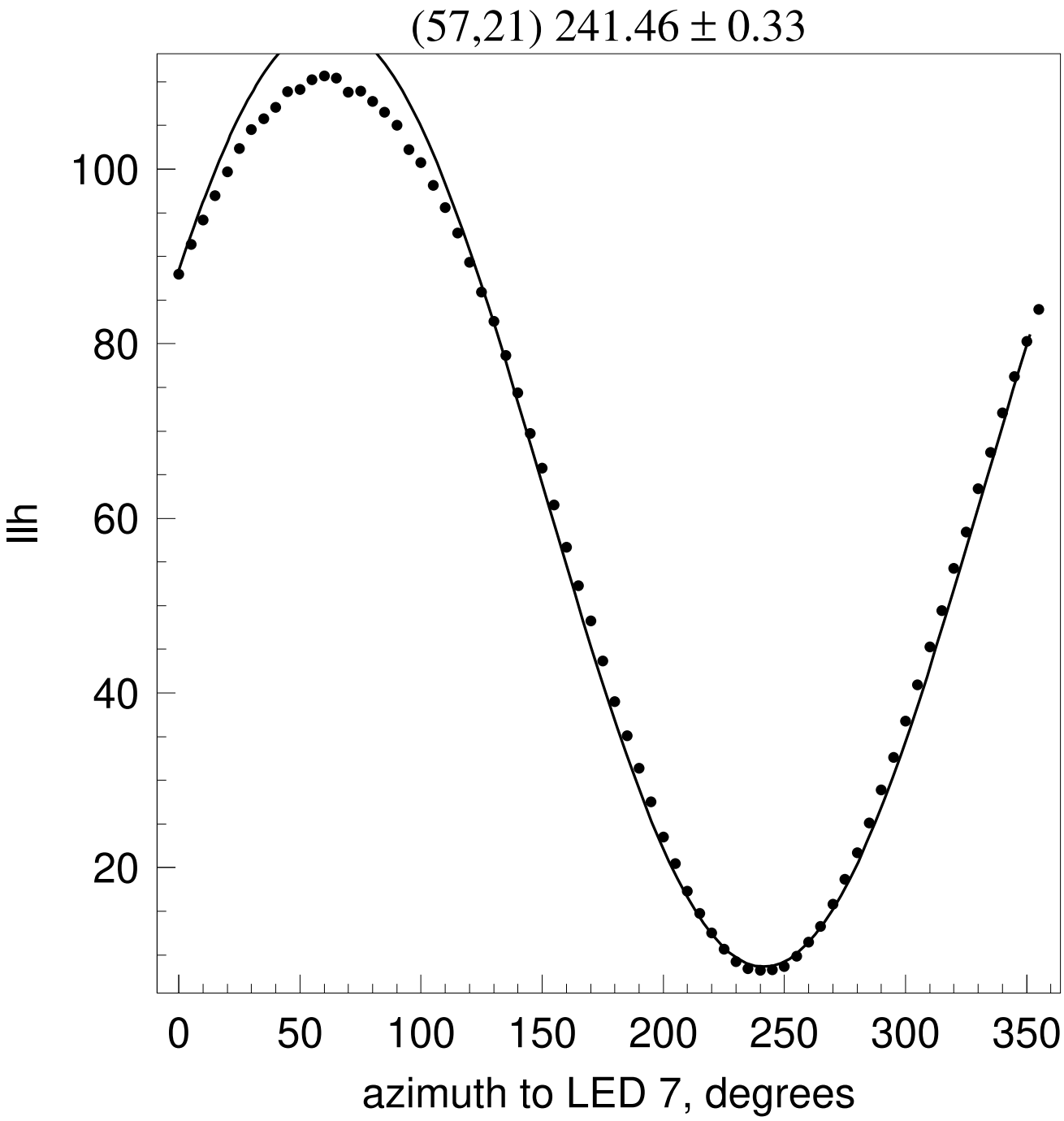

(57,16) 96.91 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

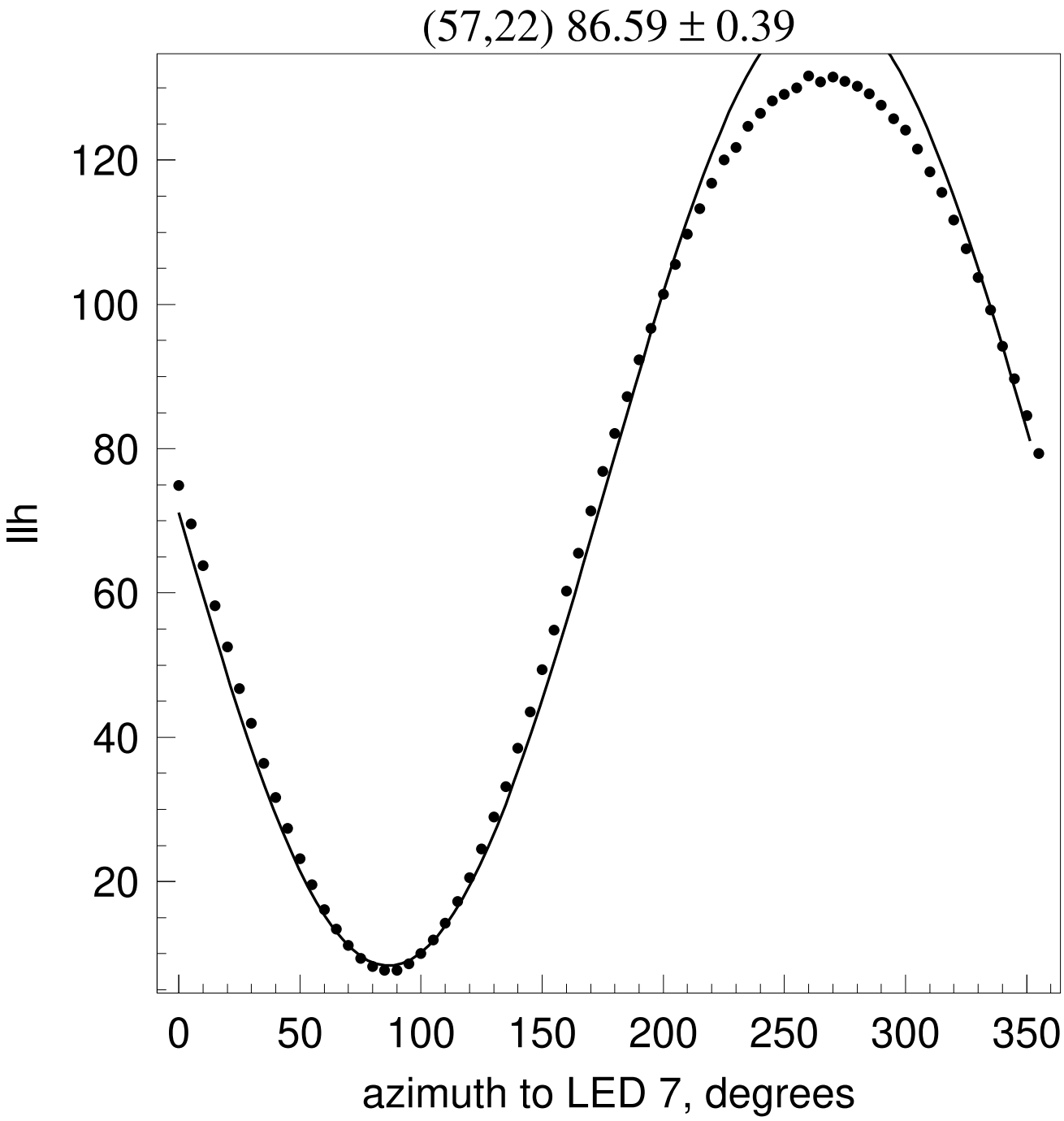

(57,17) 96.35 ± 0.13
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

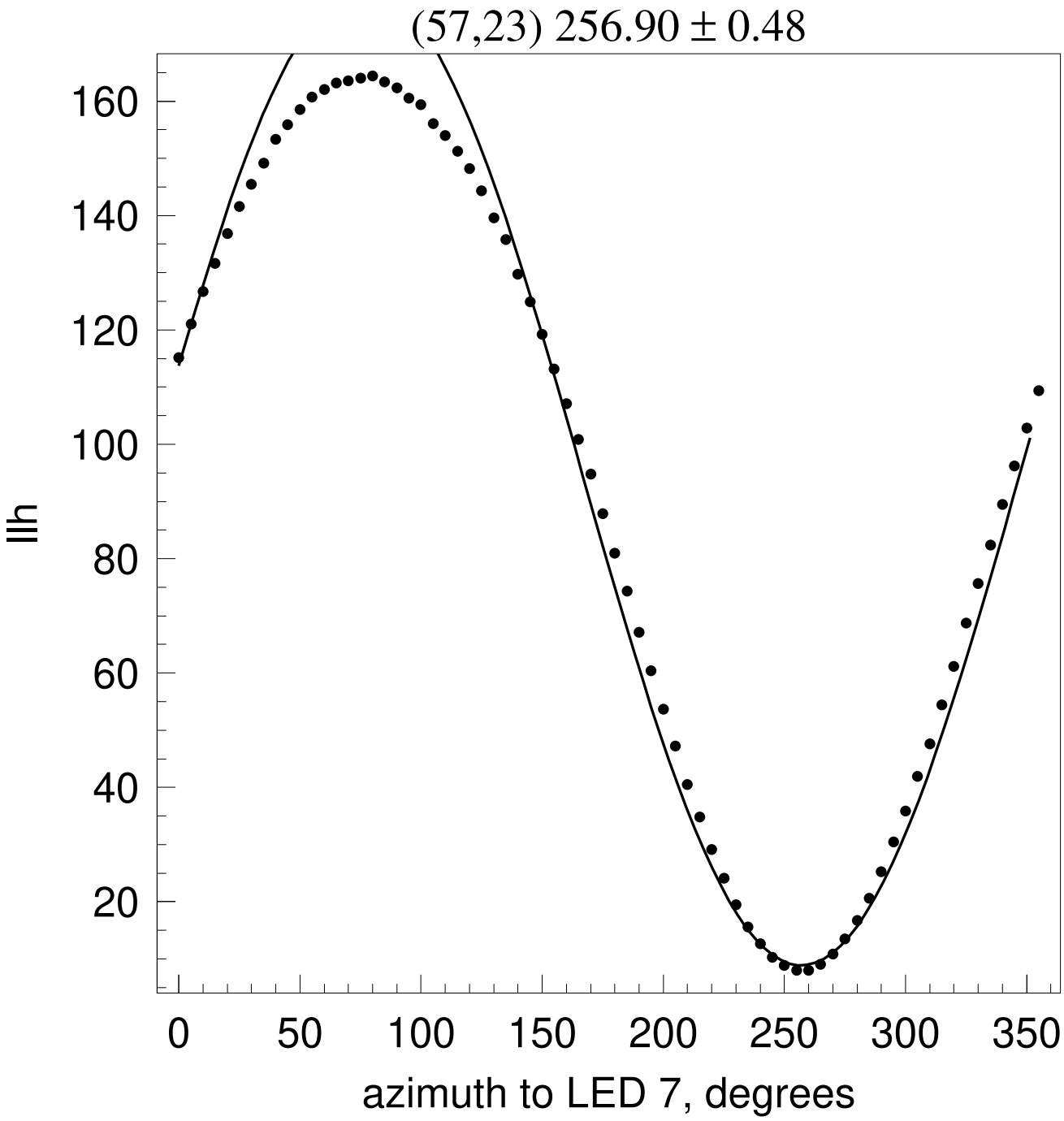

(57,18) 8.89 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

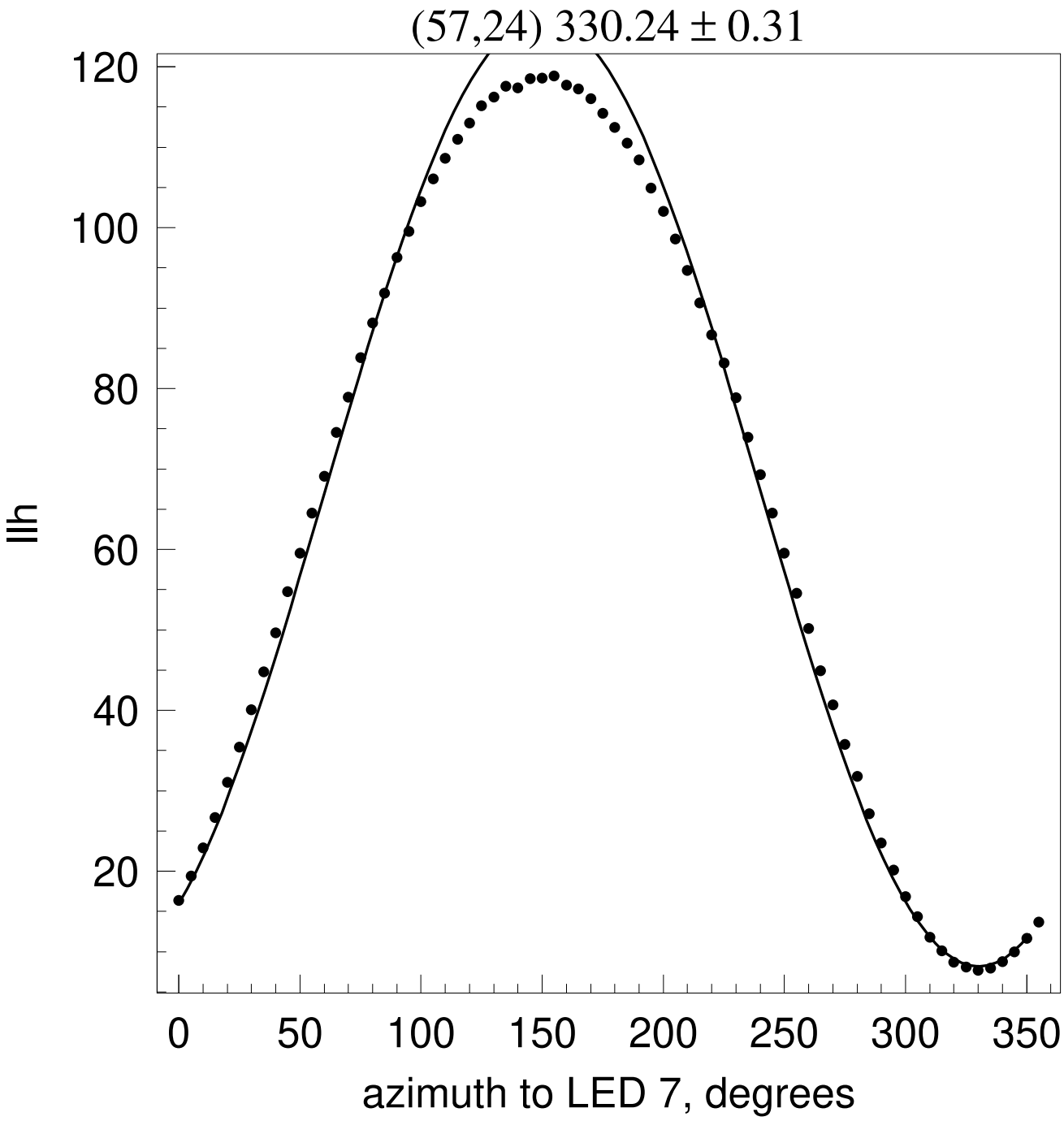

(57,19) 341.25 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

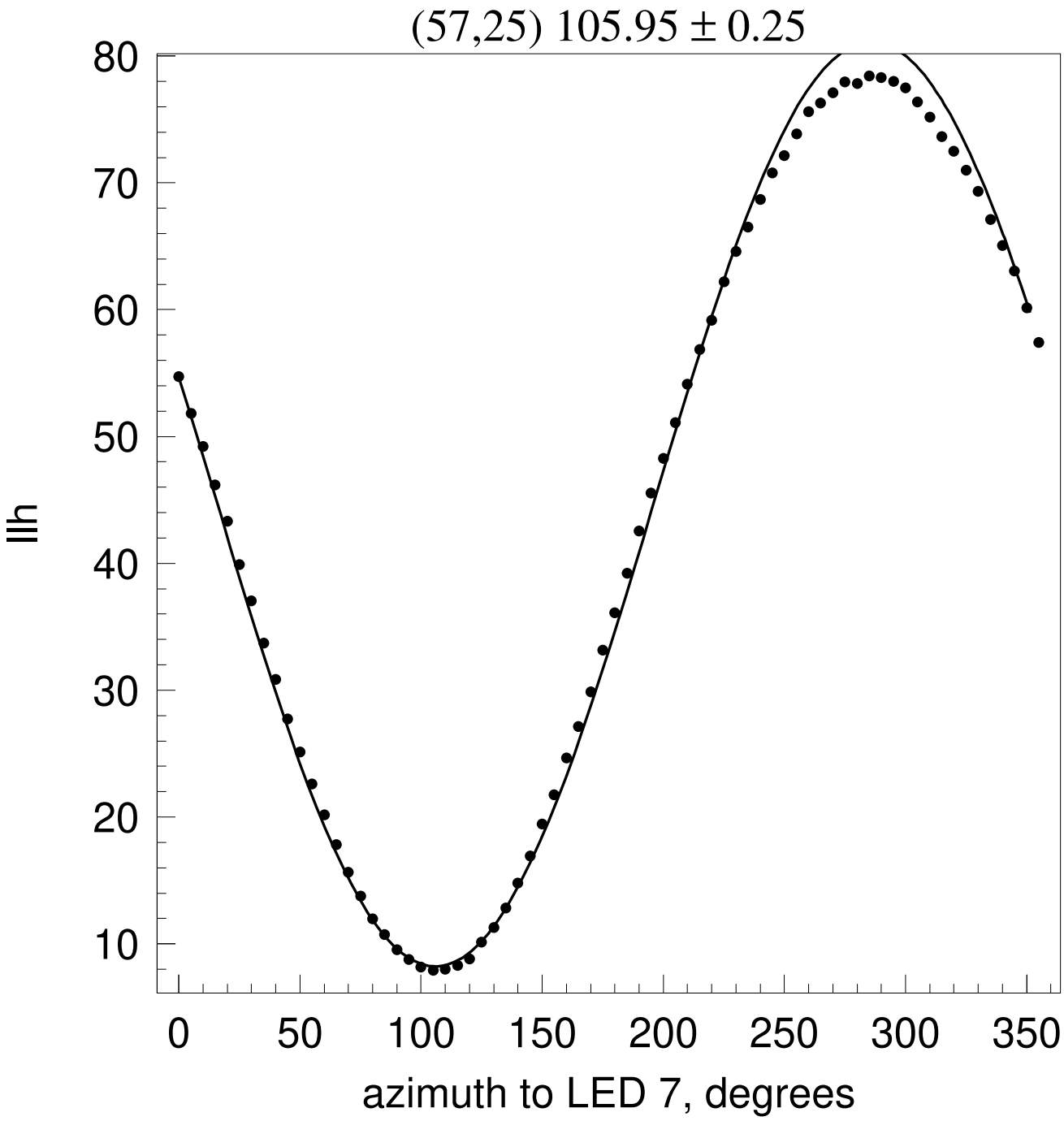

(57,20) 127.60 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

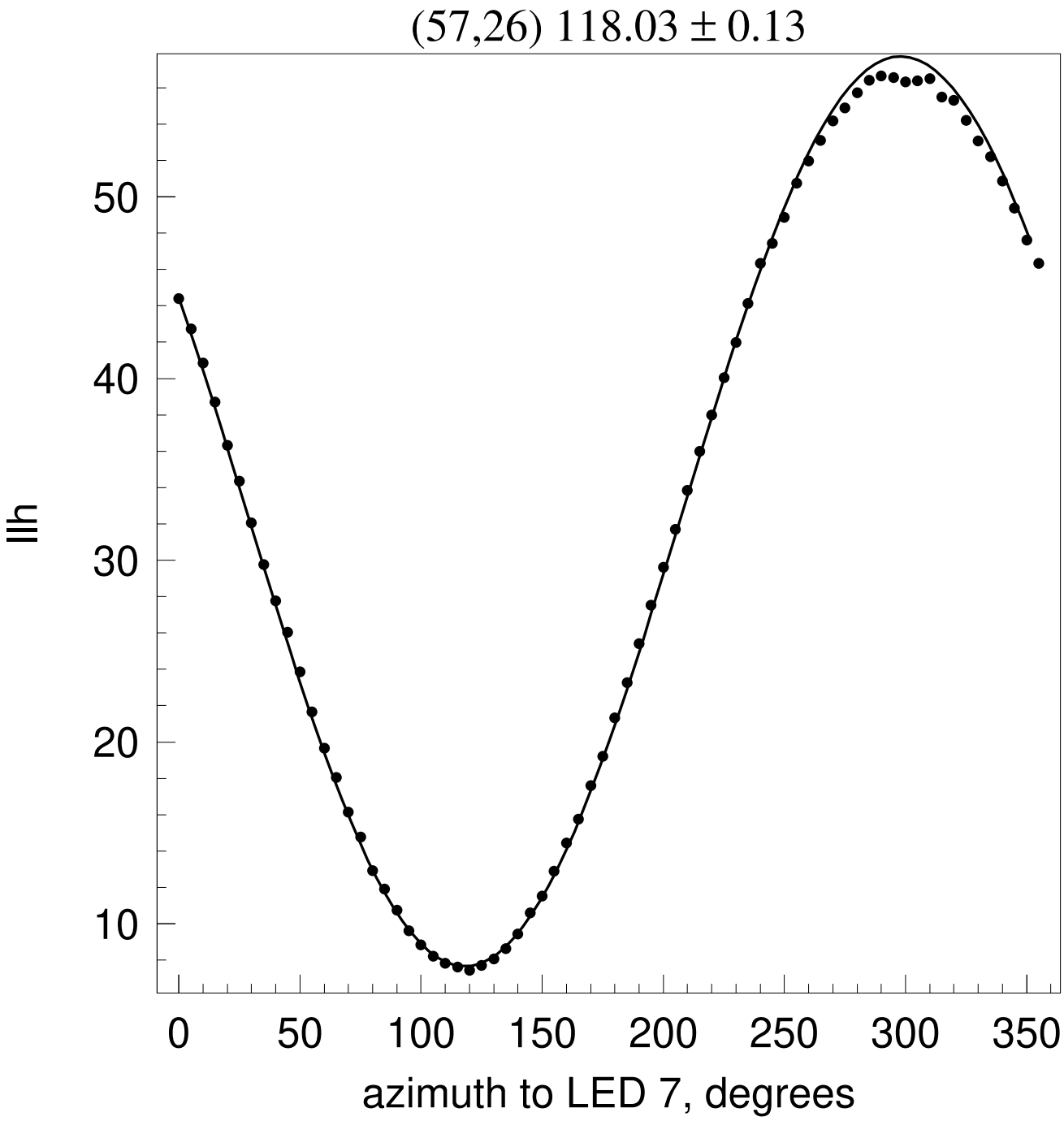

(57,21) 241.46 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

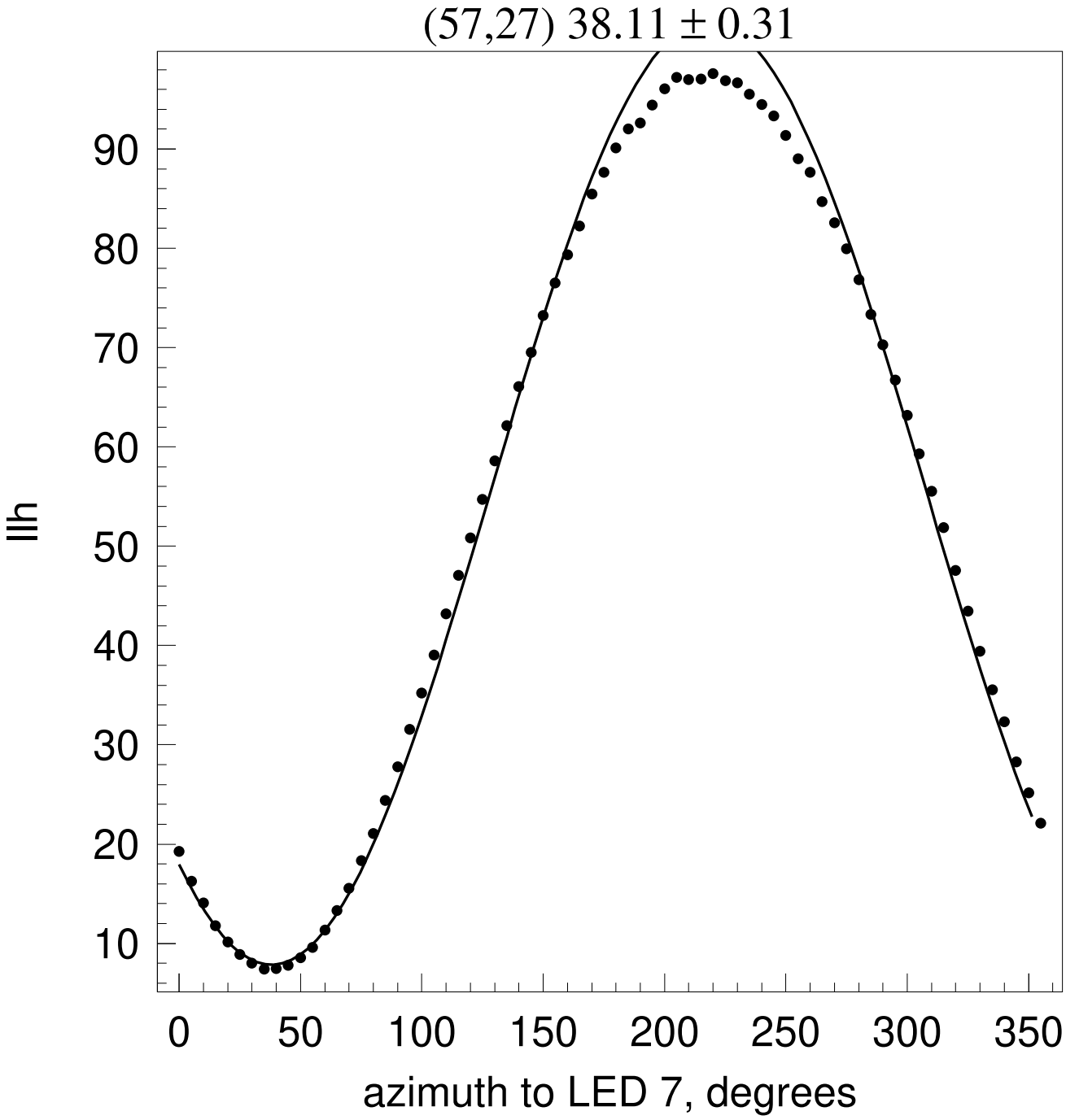

(57,22) 86.59 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

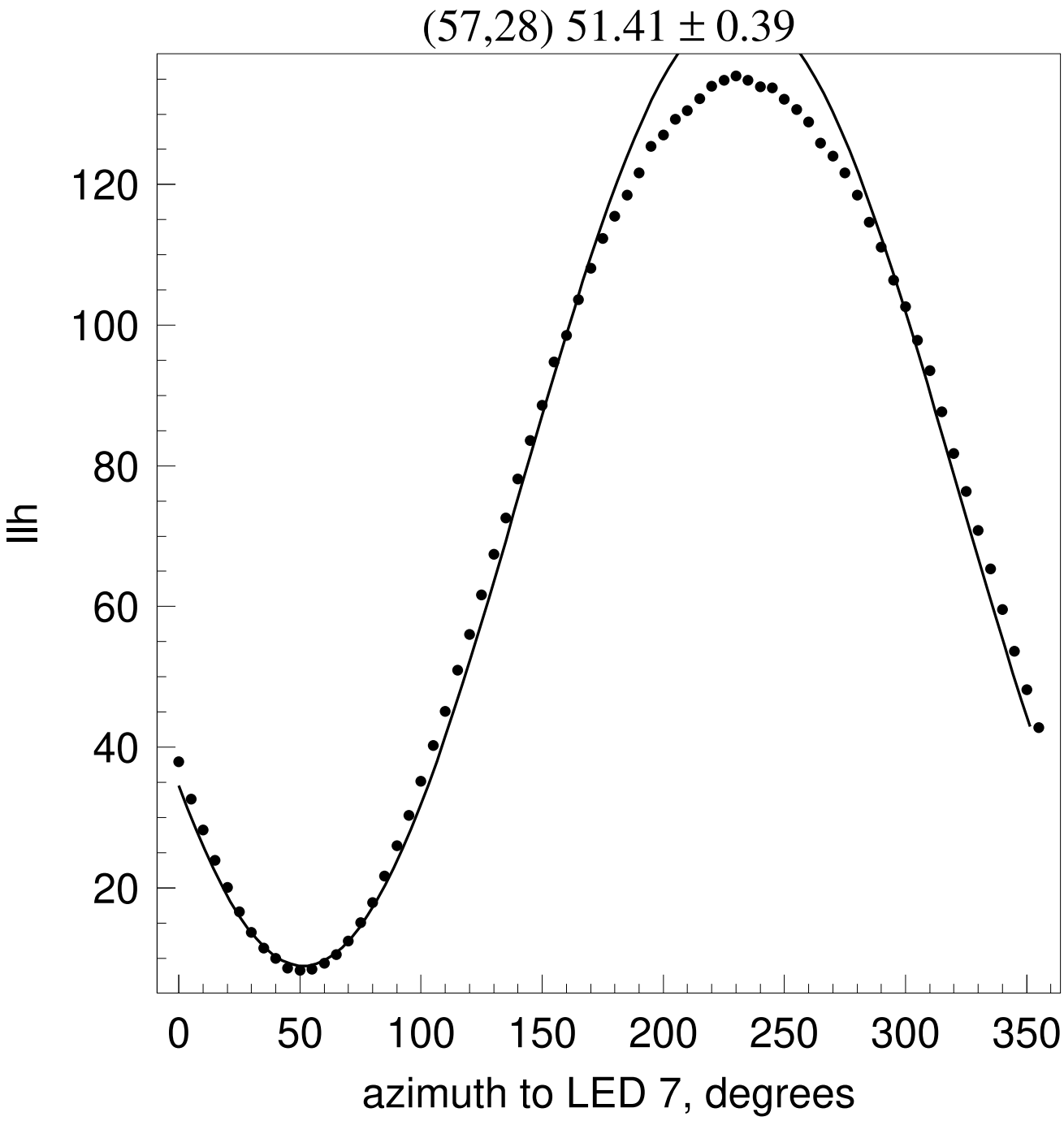

(57,23) 256.90 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

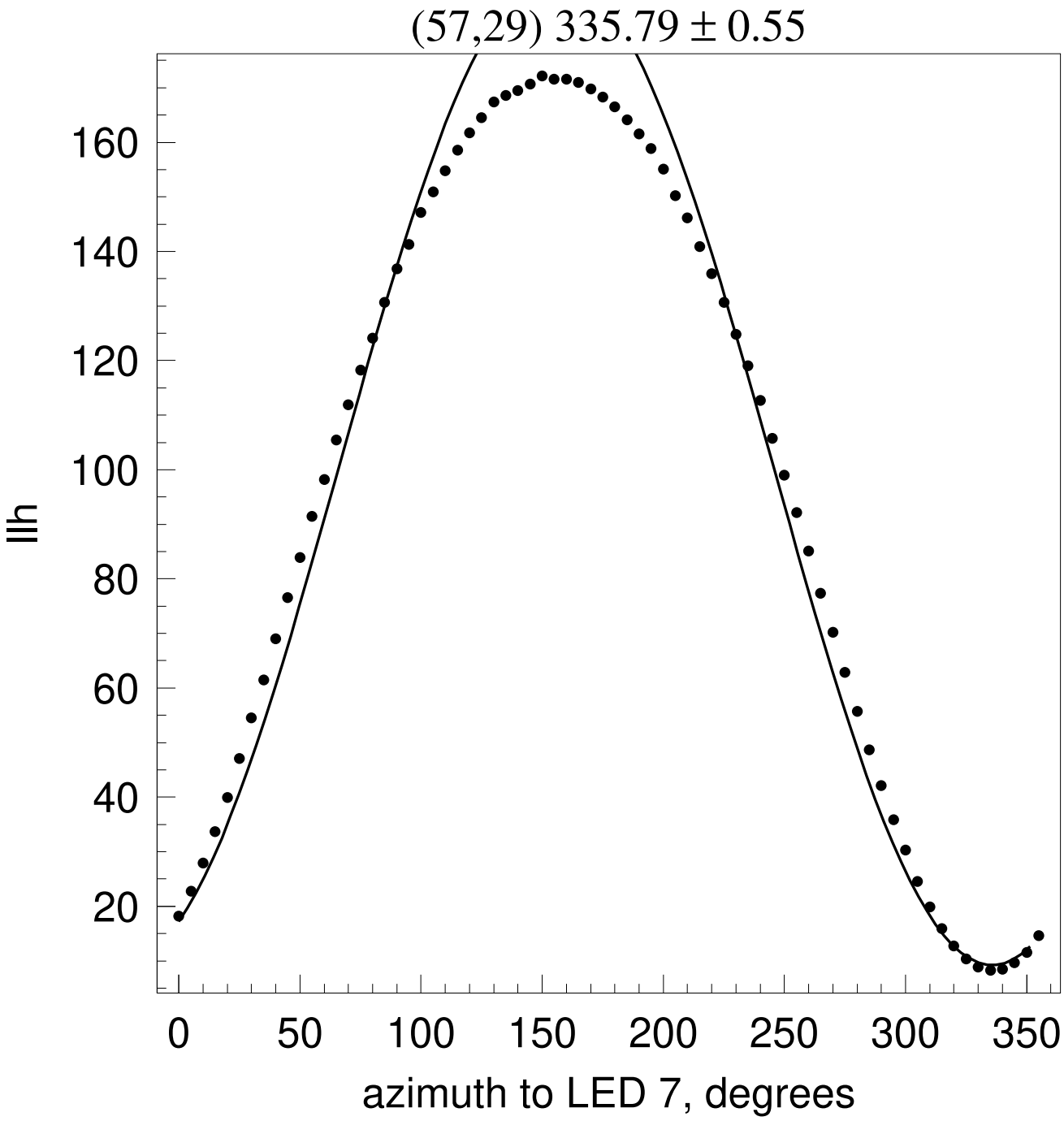

(57,24) 330.24 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

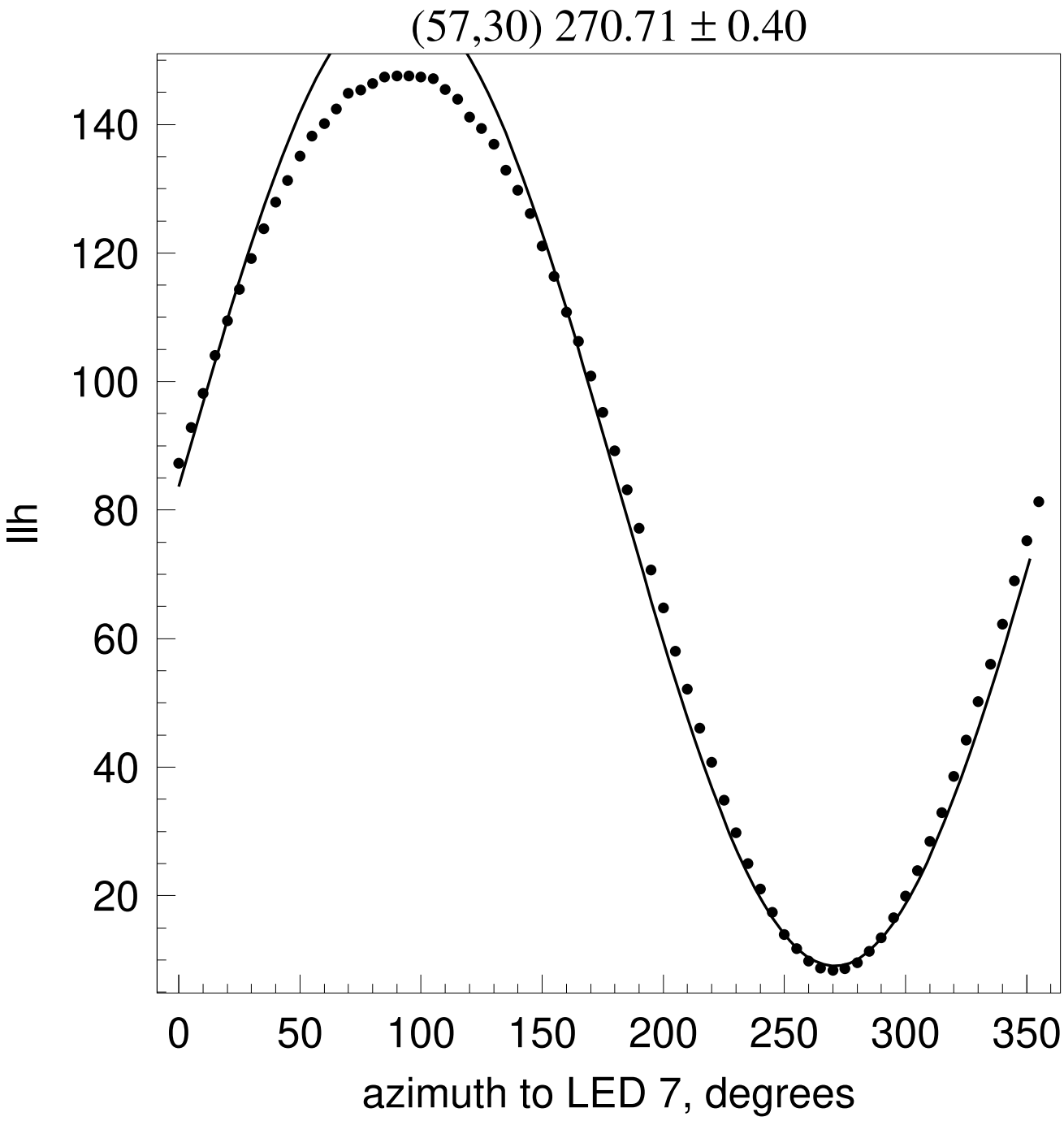

(57,25) 105.95 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

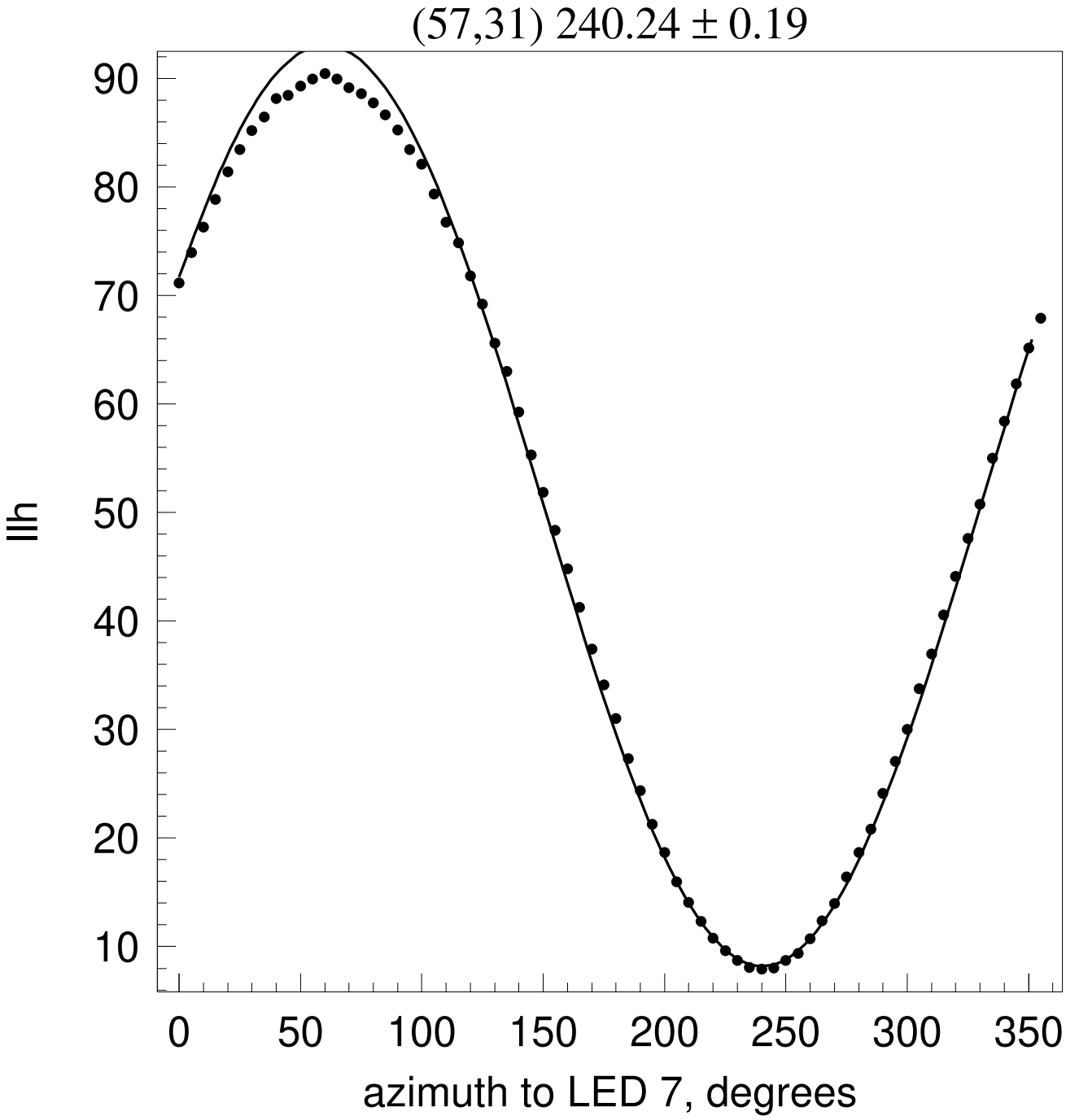

(57,26) 118.03 ± 0.13
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

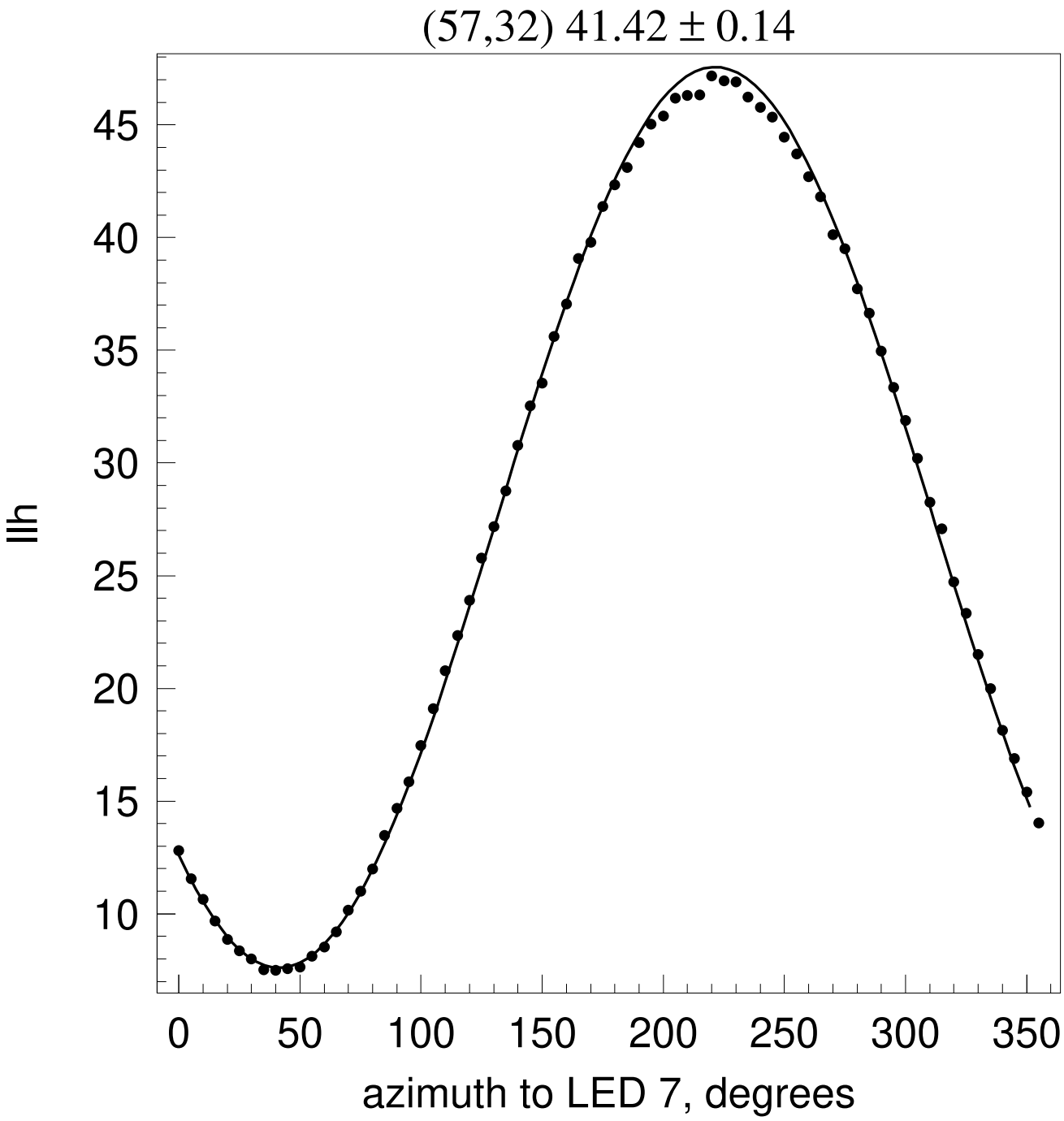

(57,27) 38.11 ± 0.31
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

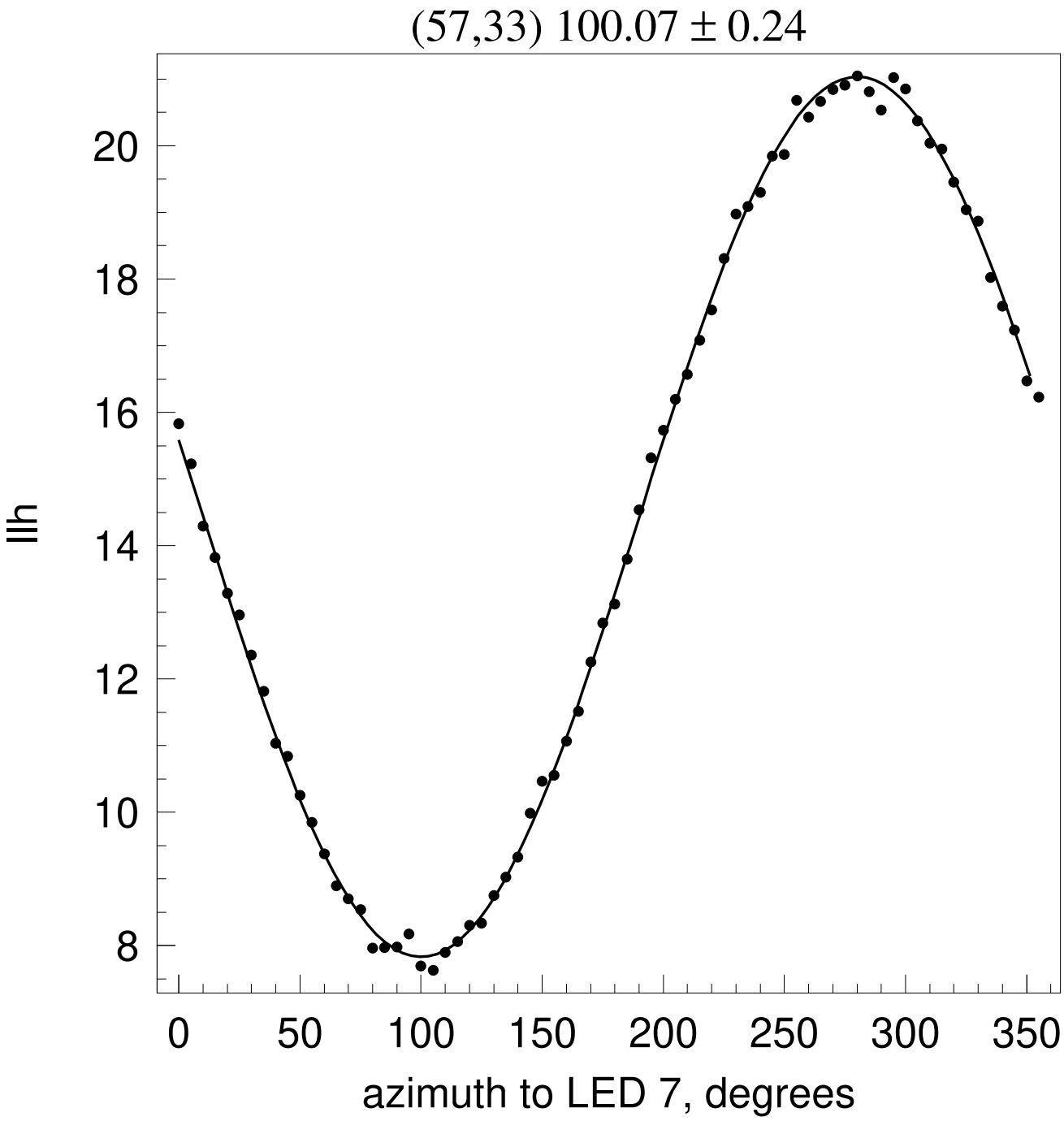

(57,28) 51.41 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

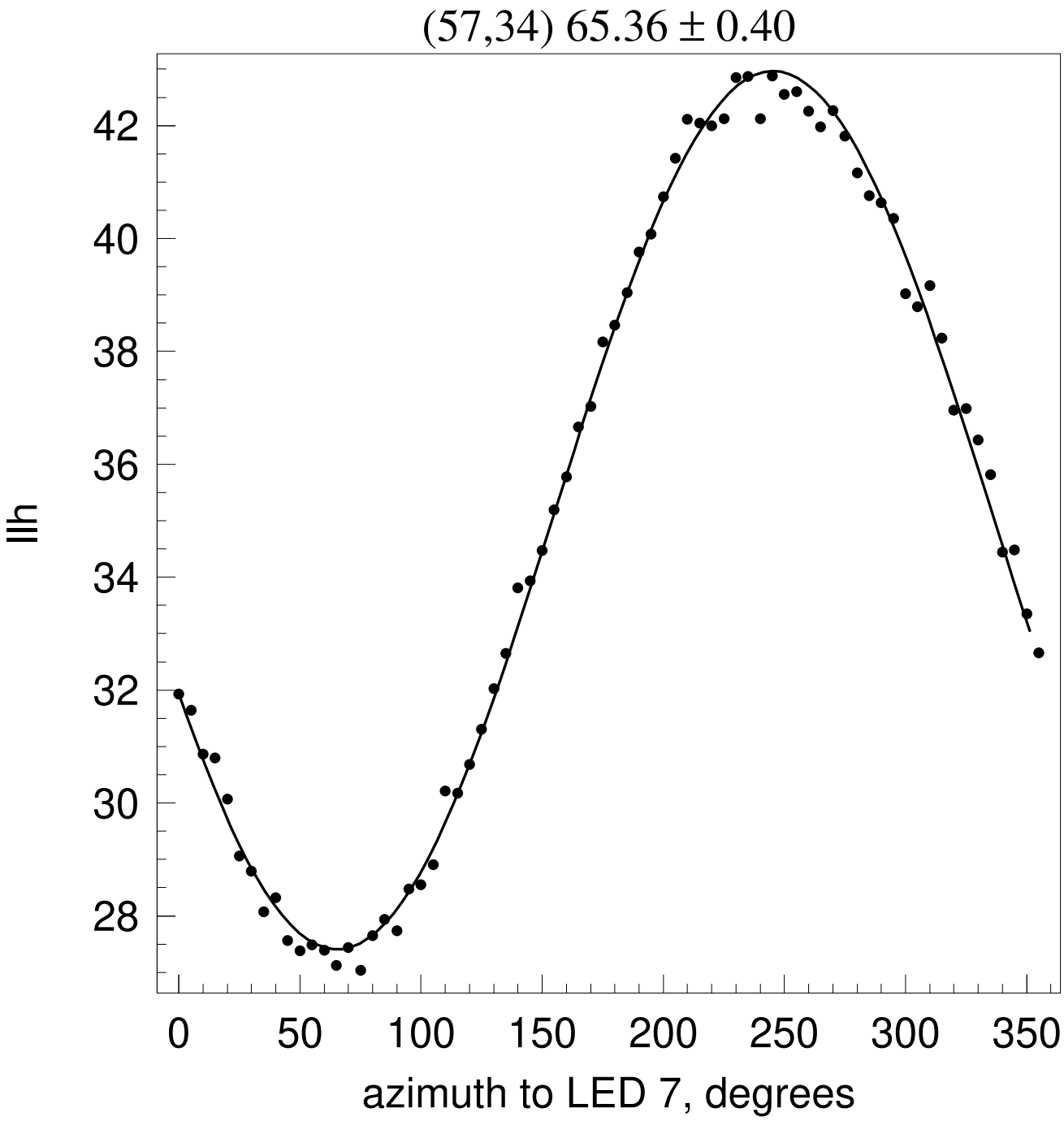

(57,29) 335.79 ± 0.55
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

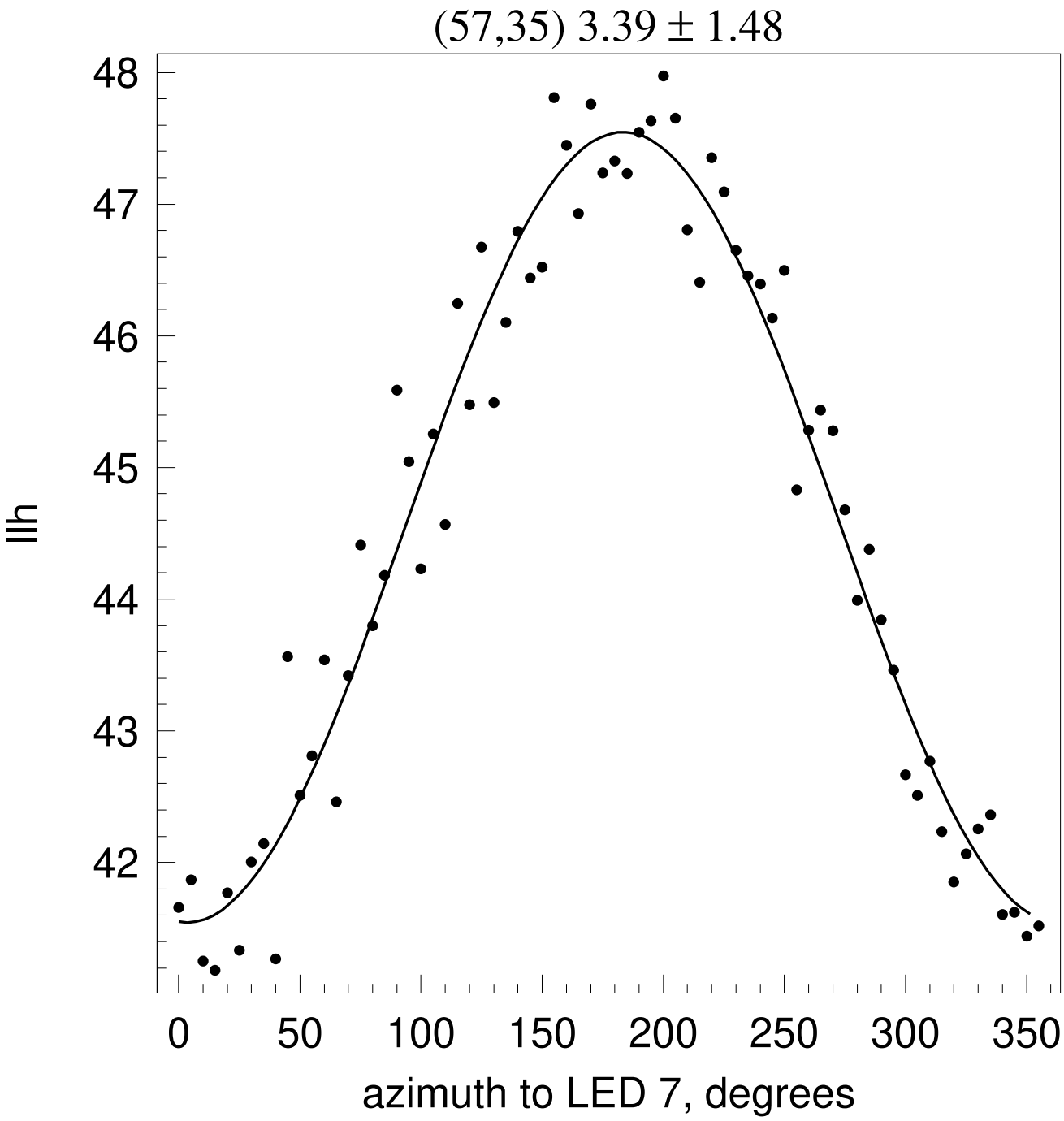

(57,30) 270.71 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

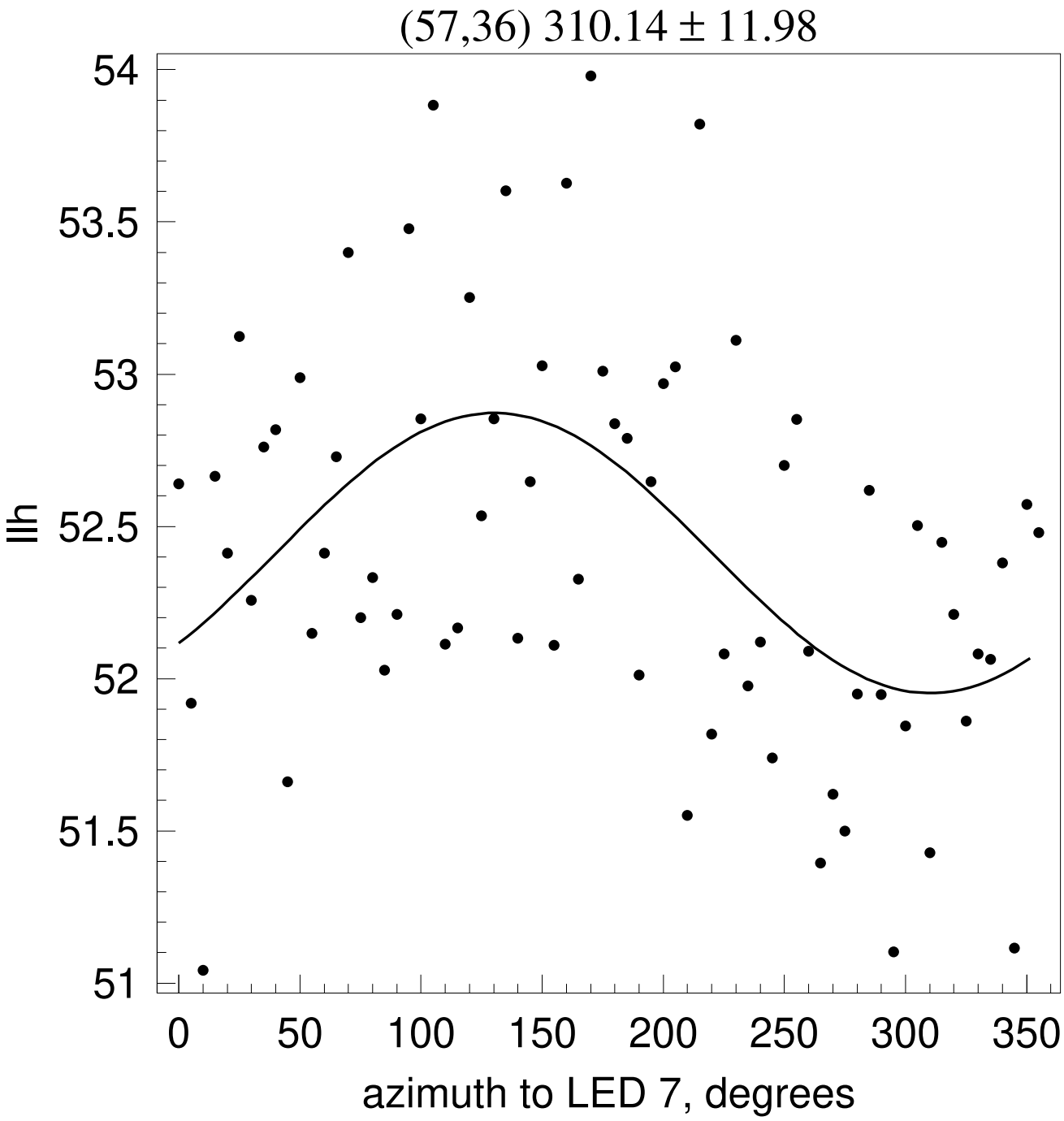

(57,31) 240.24 ± 0.19
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

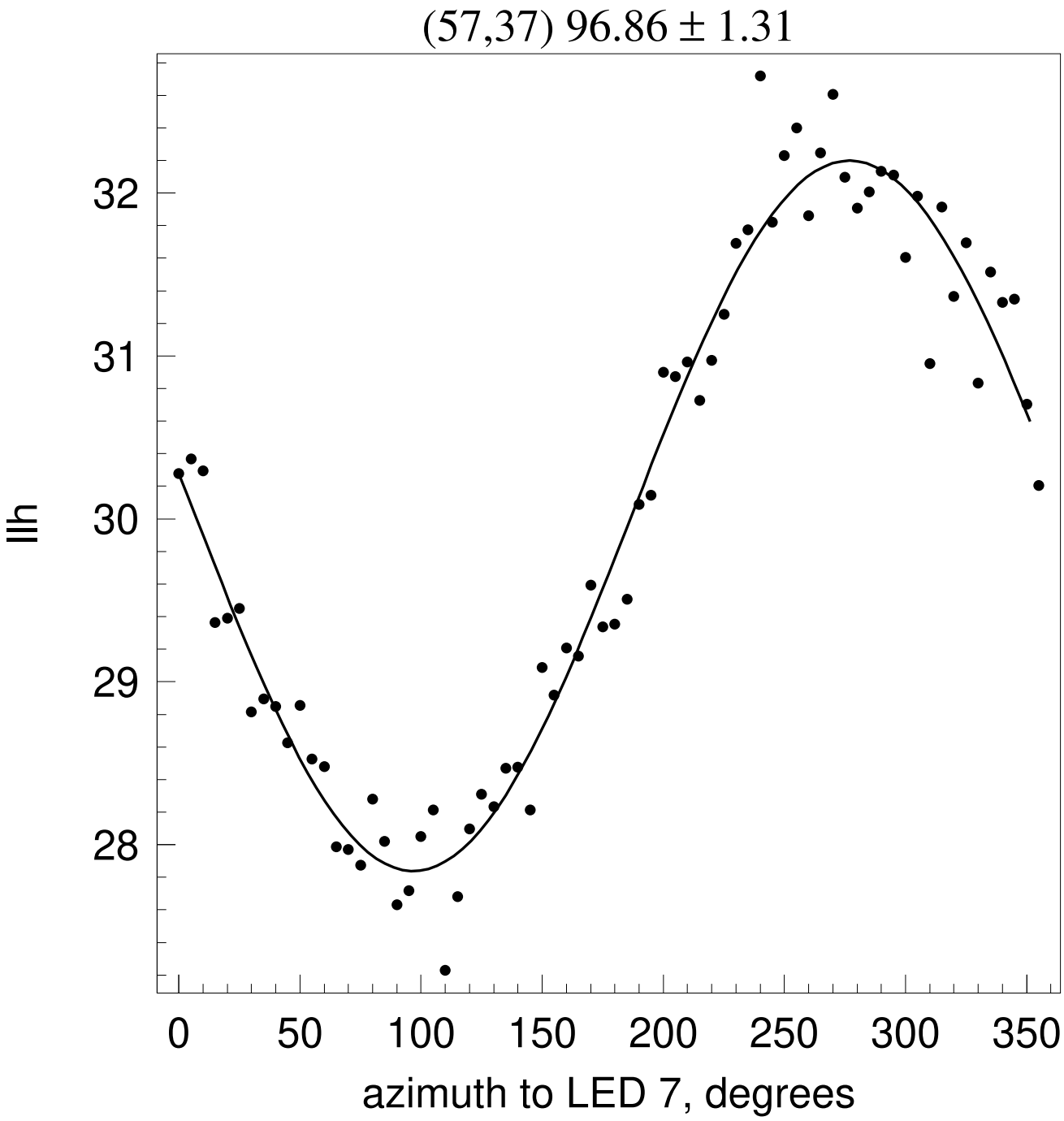

(57,32) 41.42 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

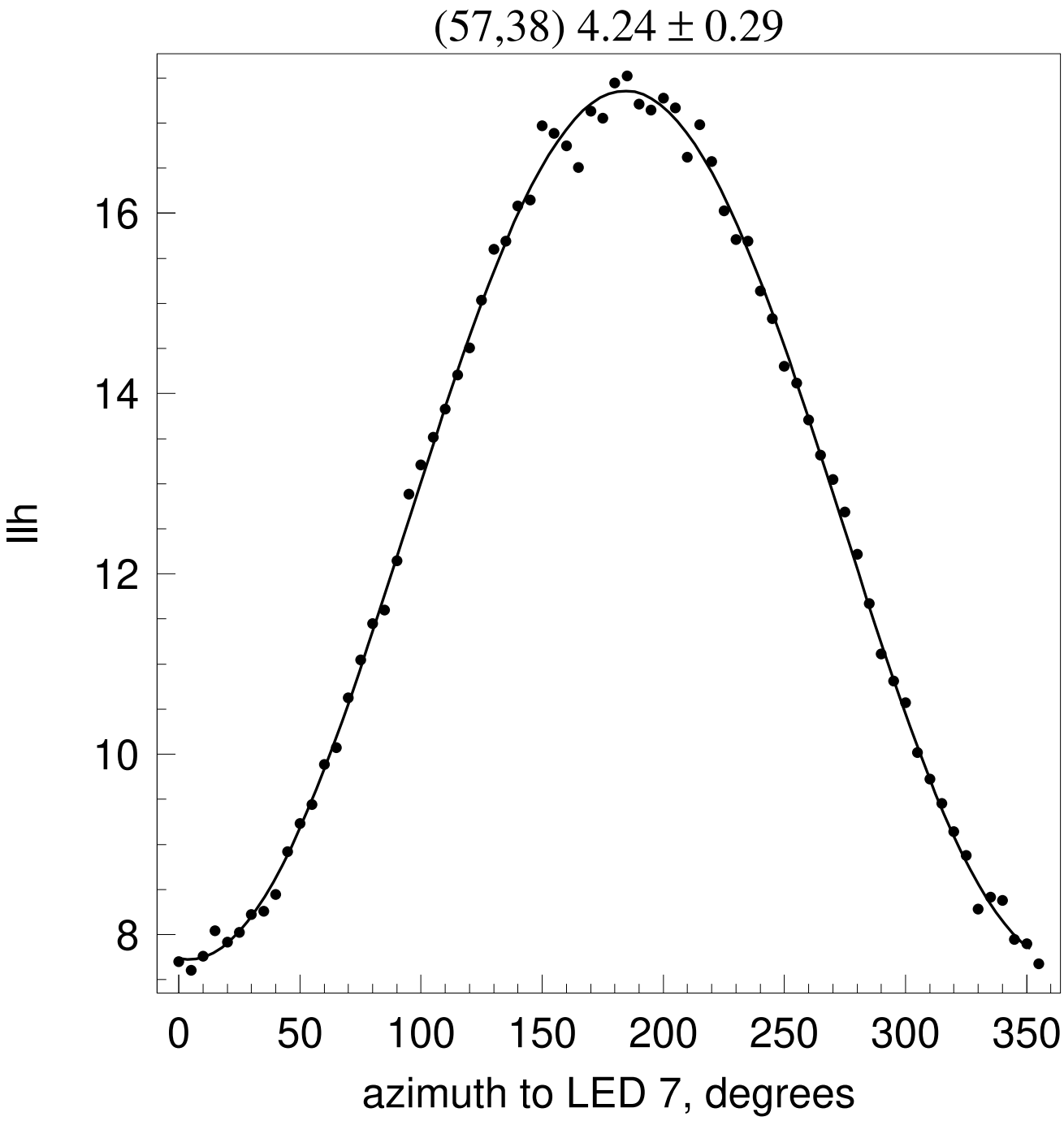

(57,33) 100.07 ± 0.24
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

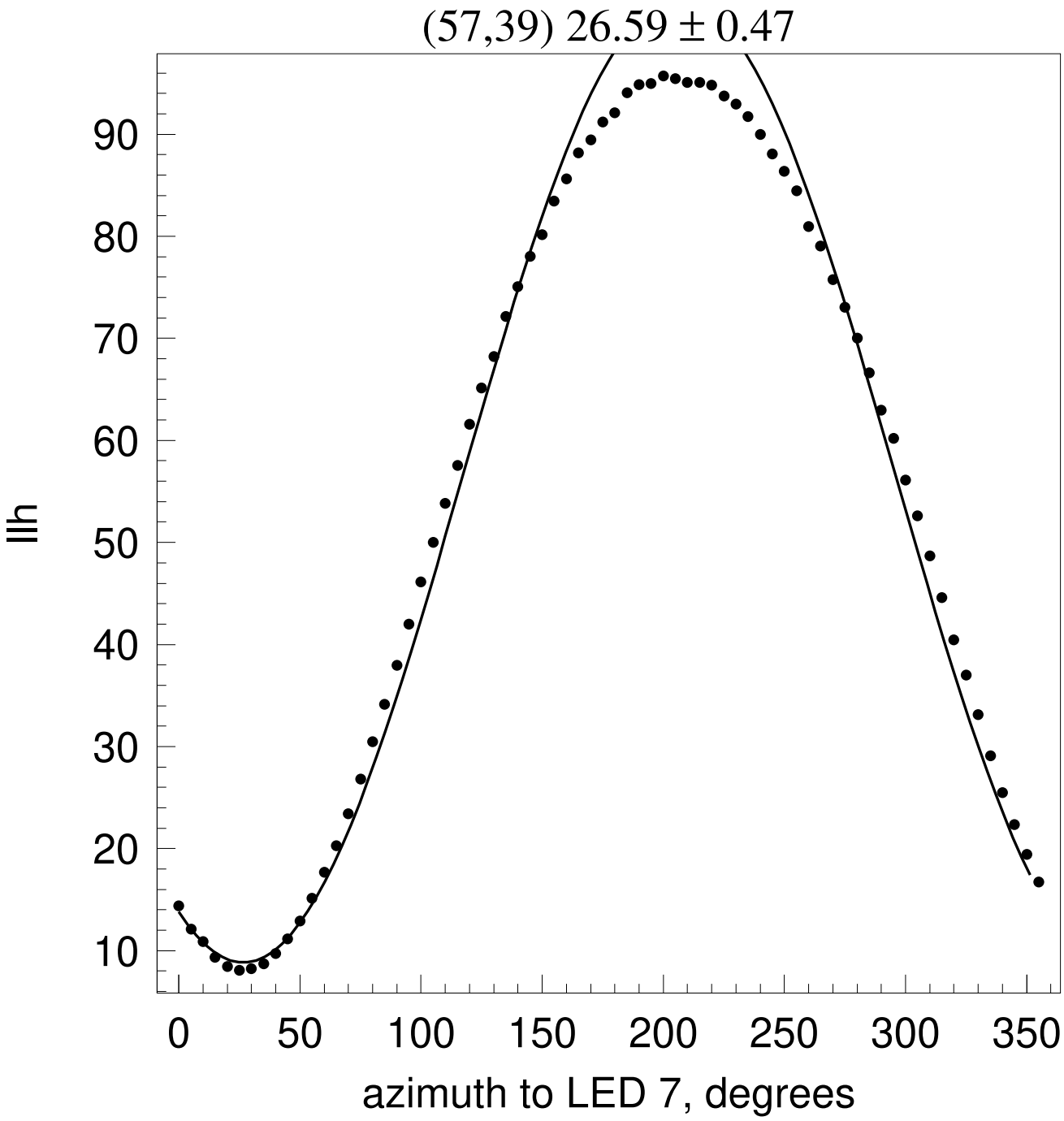

(57,34) 65.36 ± 0.40
42
40
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

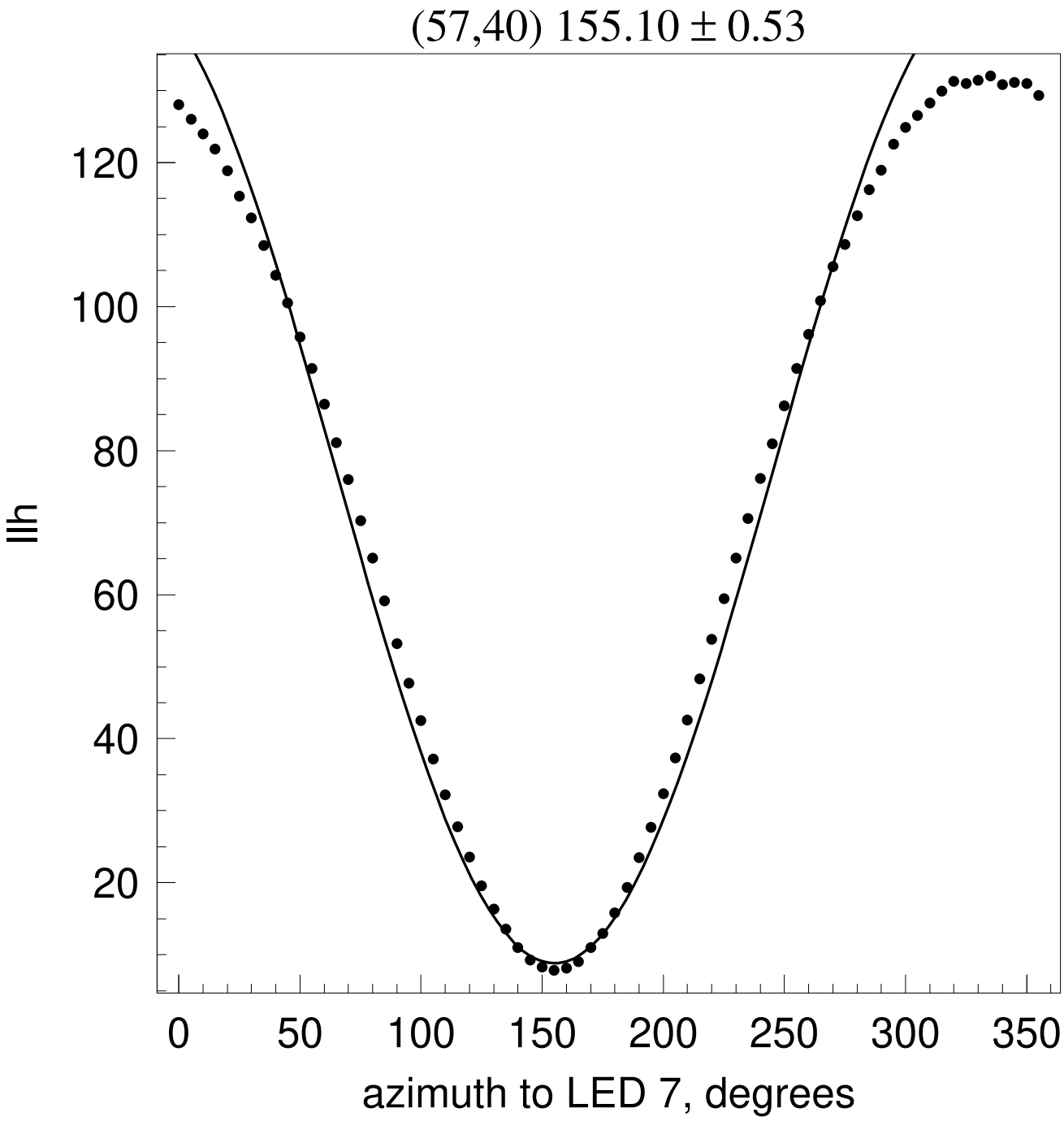

(57,35) 3.39 ± 1.48
48
47
46
45
44
43
42
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

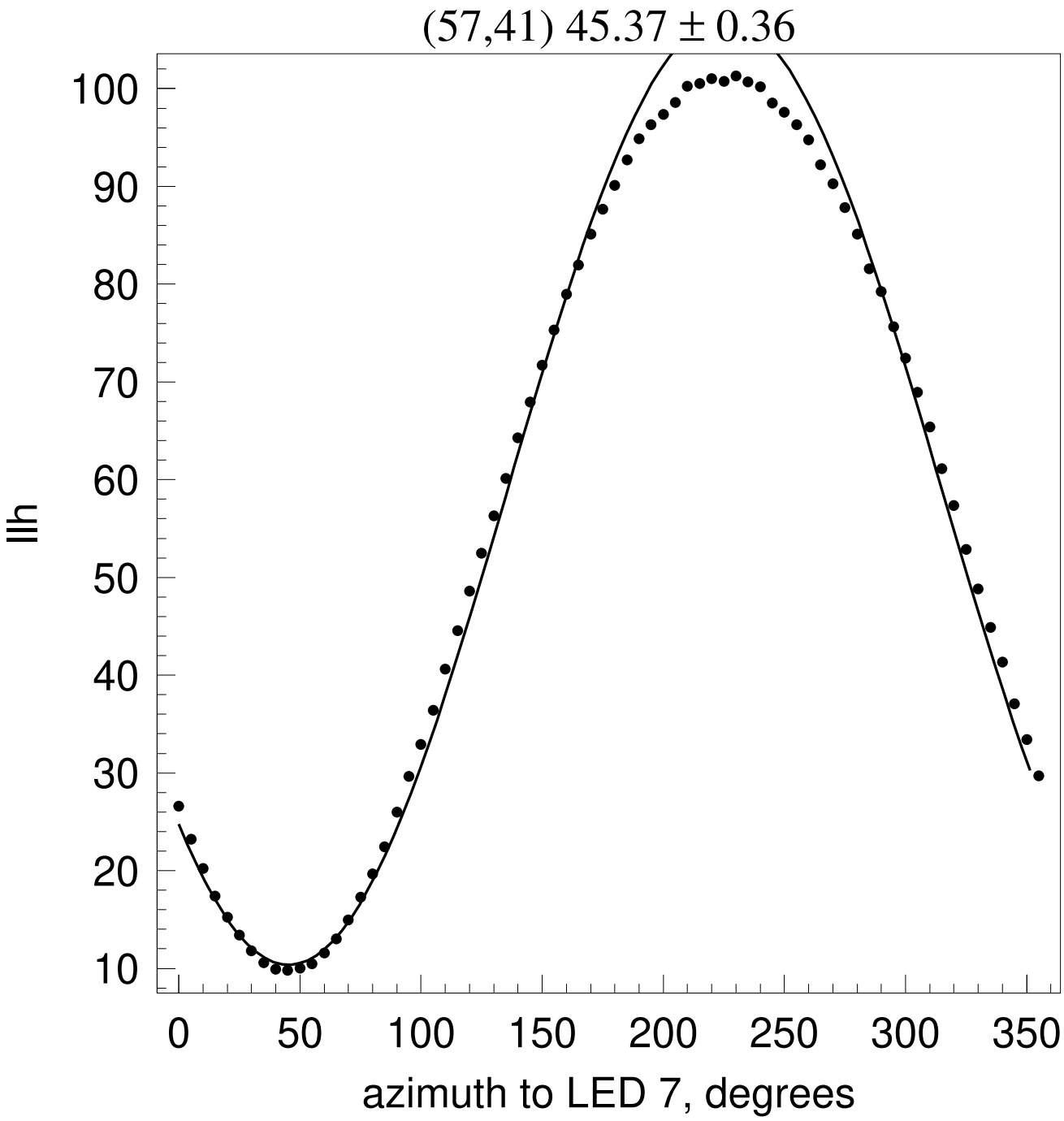

(57,36) 310.14 ± 11.98
54
53.5
53
52.5
52
51.5
51
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

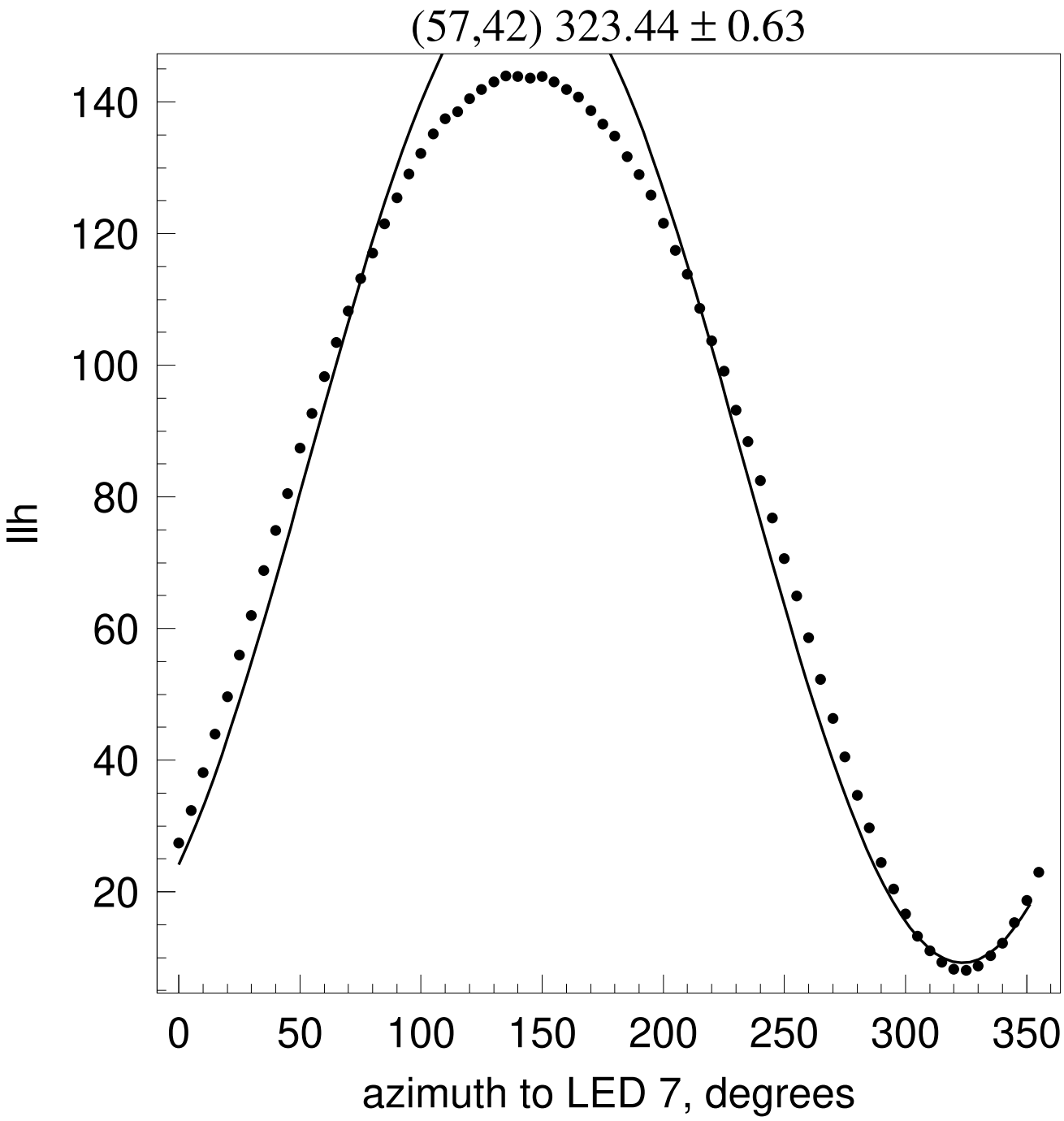

(57,37) 96.86 ± 1.31
32
31
30
29
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

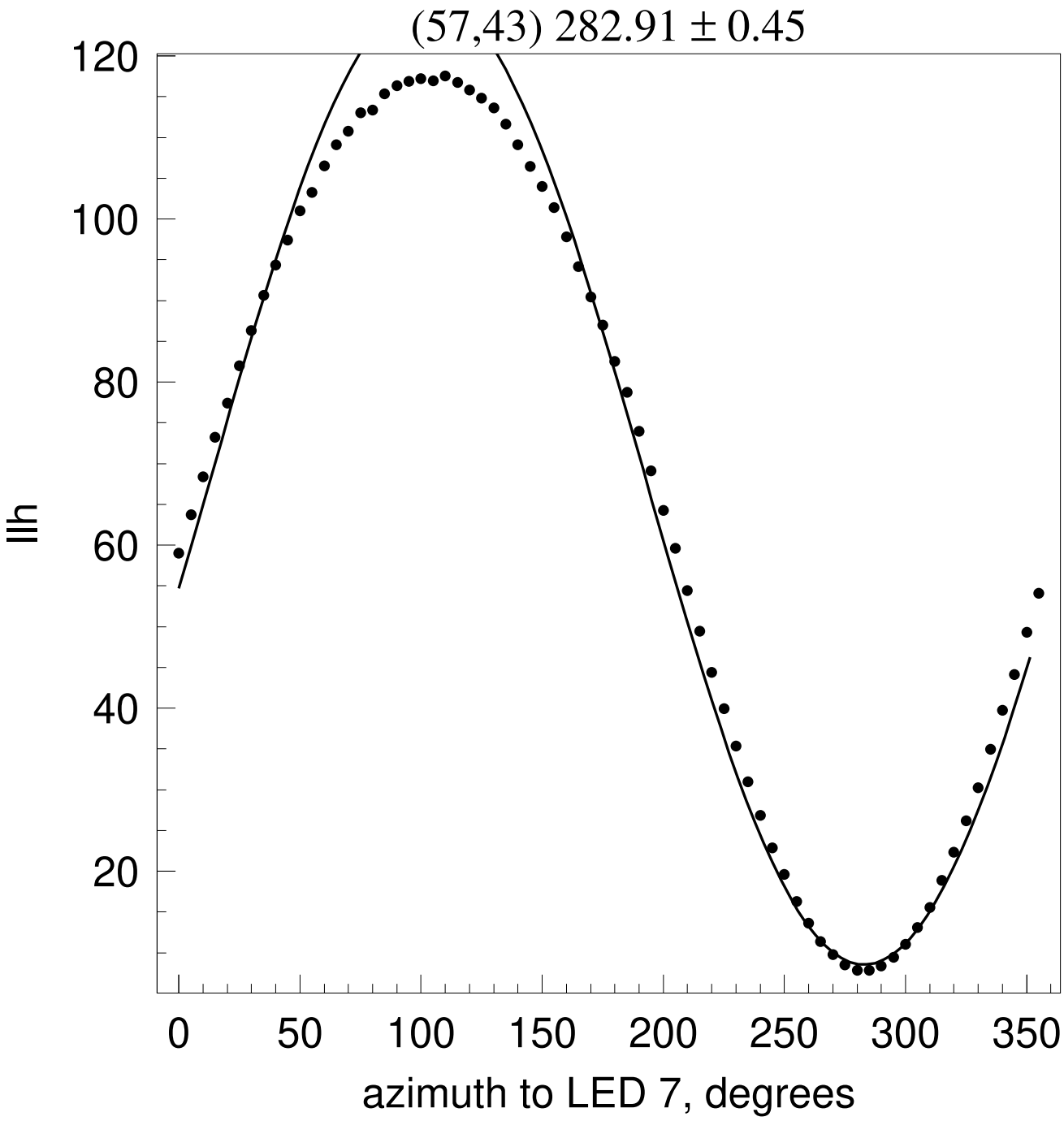

(57,38) 4.24 ± 0.29
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

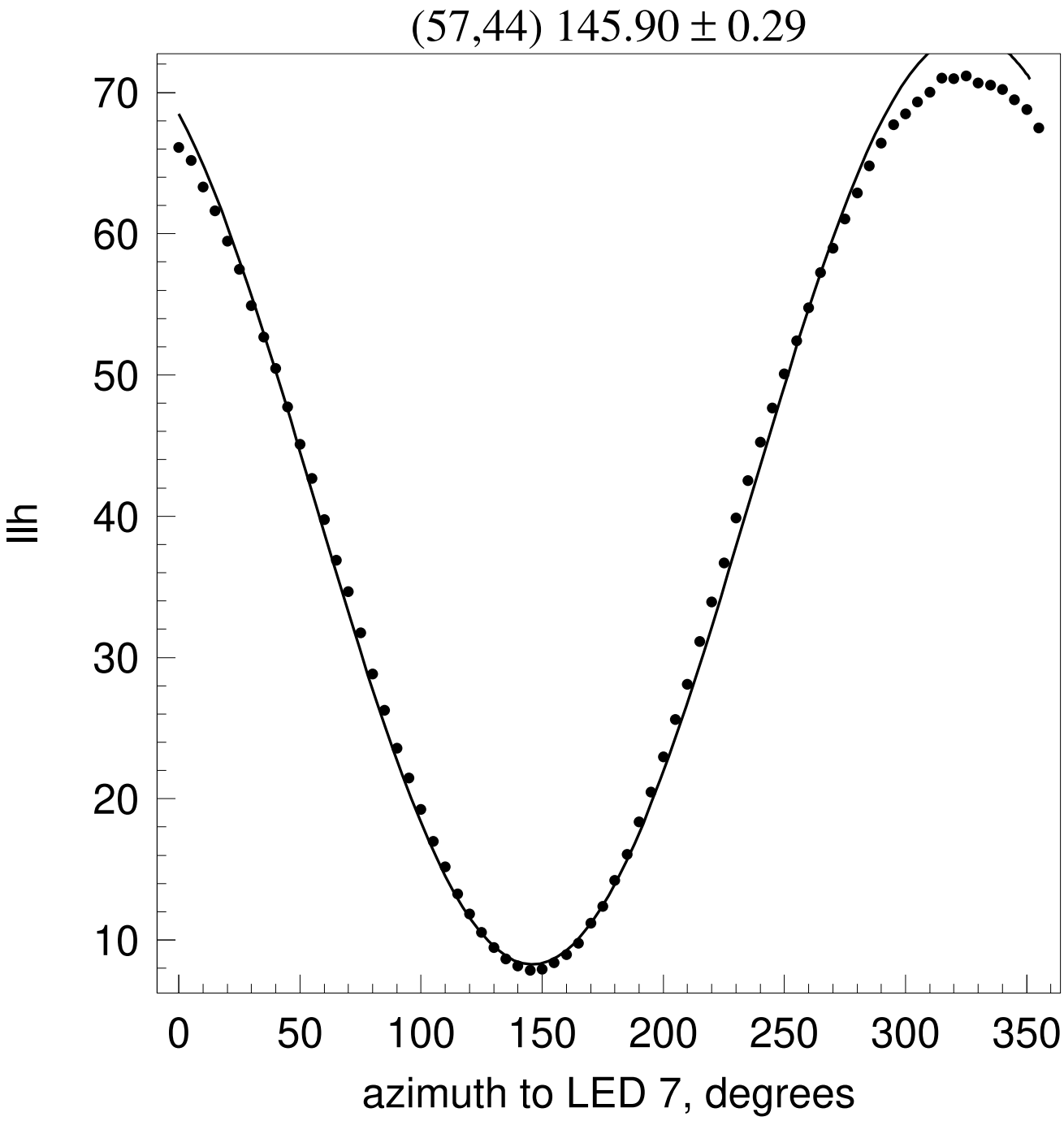

(57,39) 26.59 ± 0.47
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

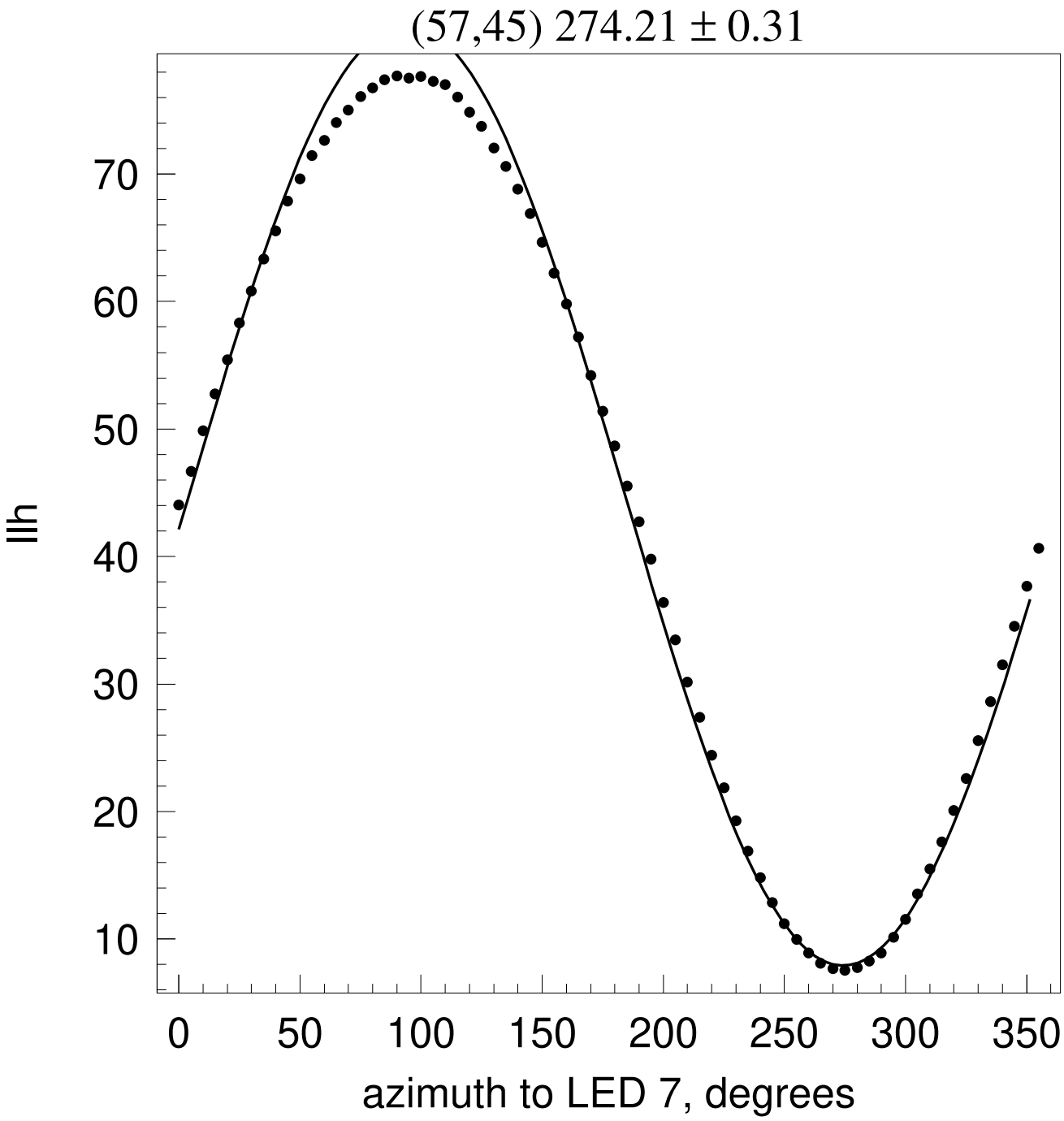

(57,40) 155.10 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

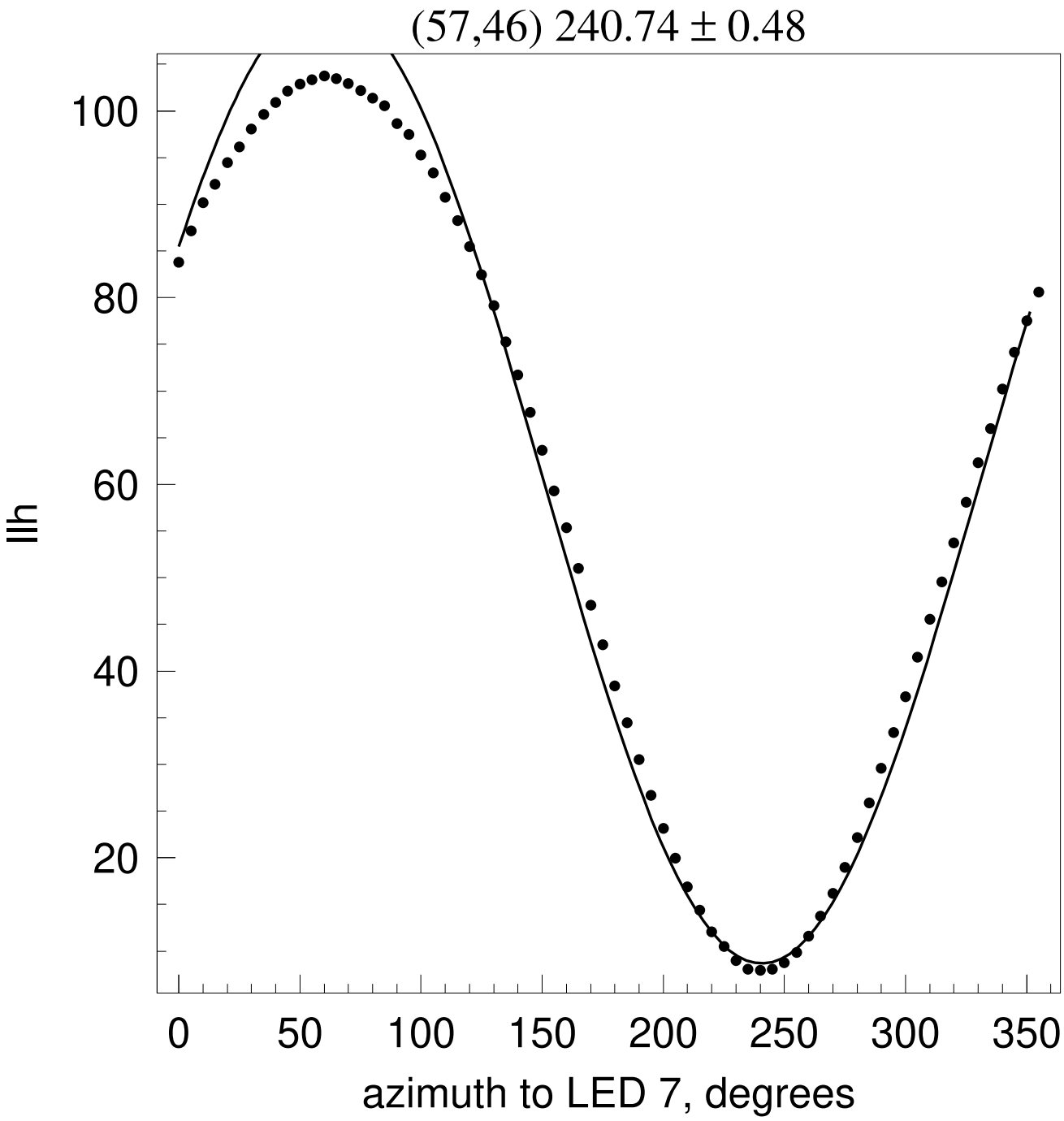

(57,41) 45.37 ± 0.36
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

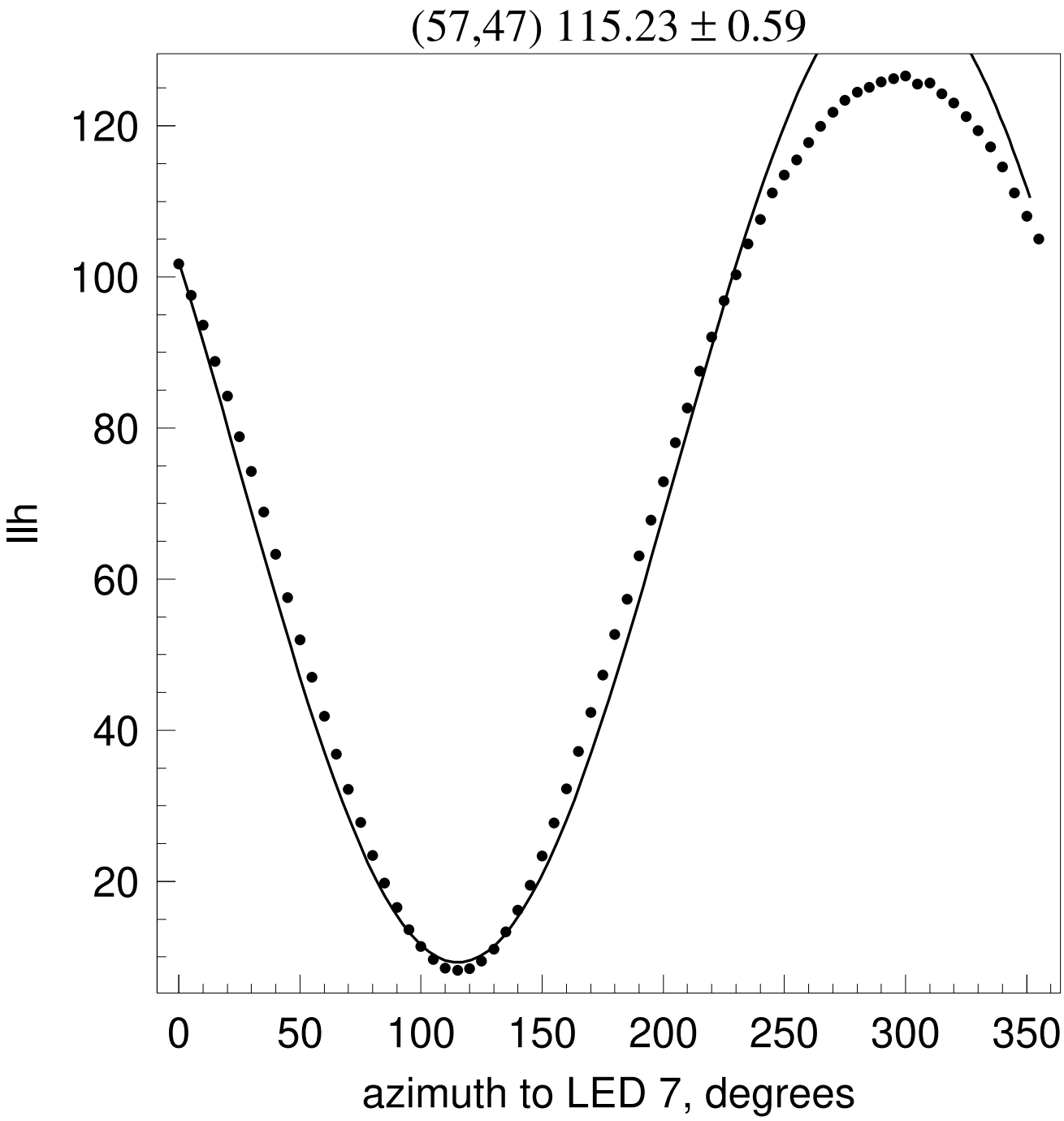

(57,42) 323.44 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

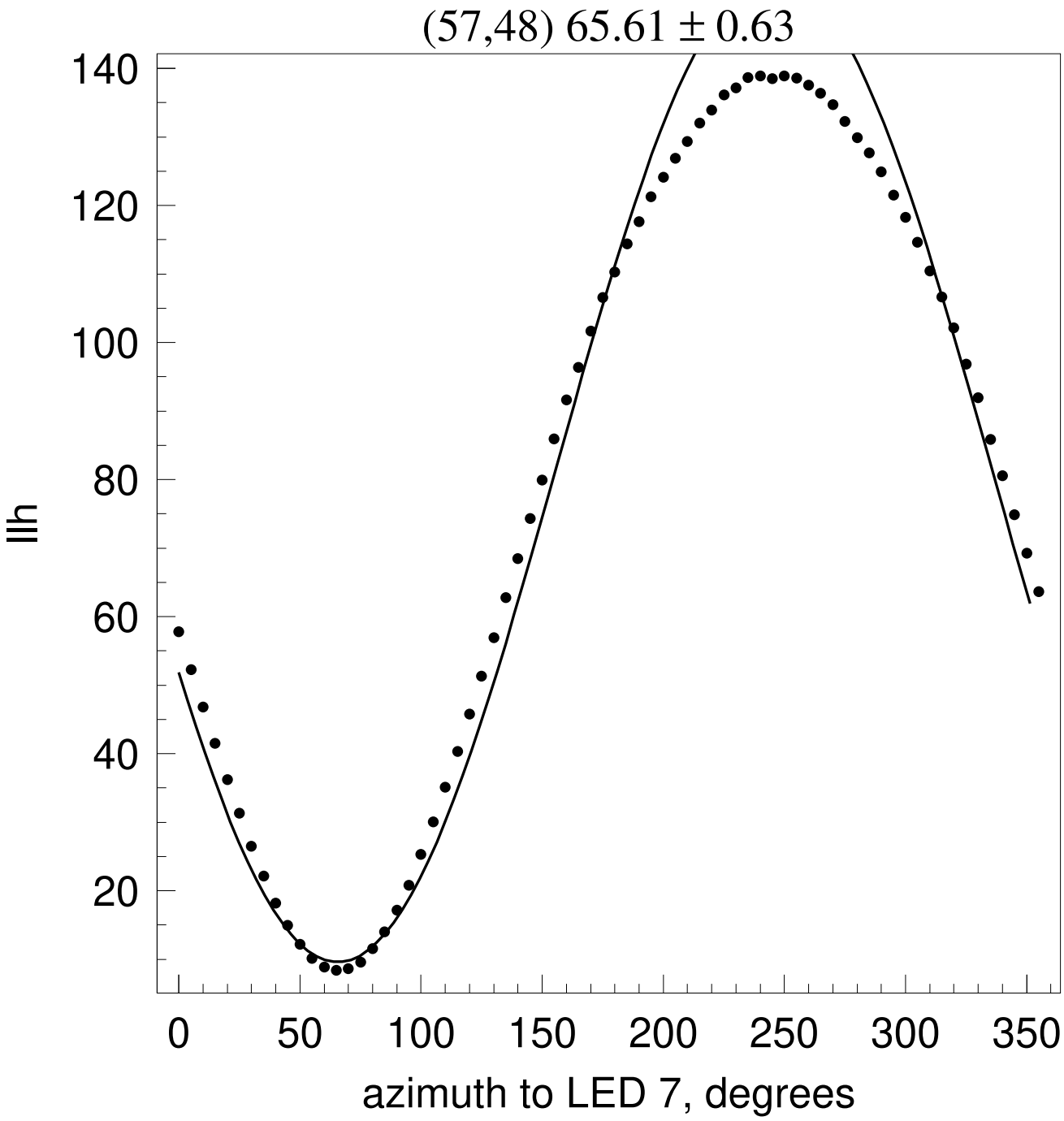

(57,43) 282.91 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

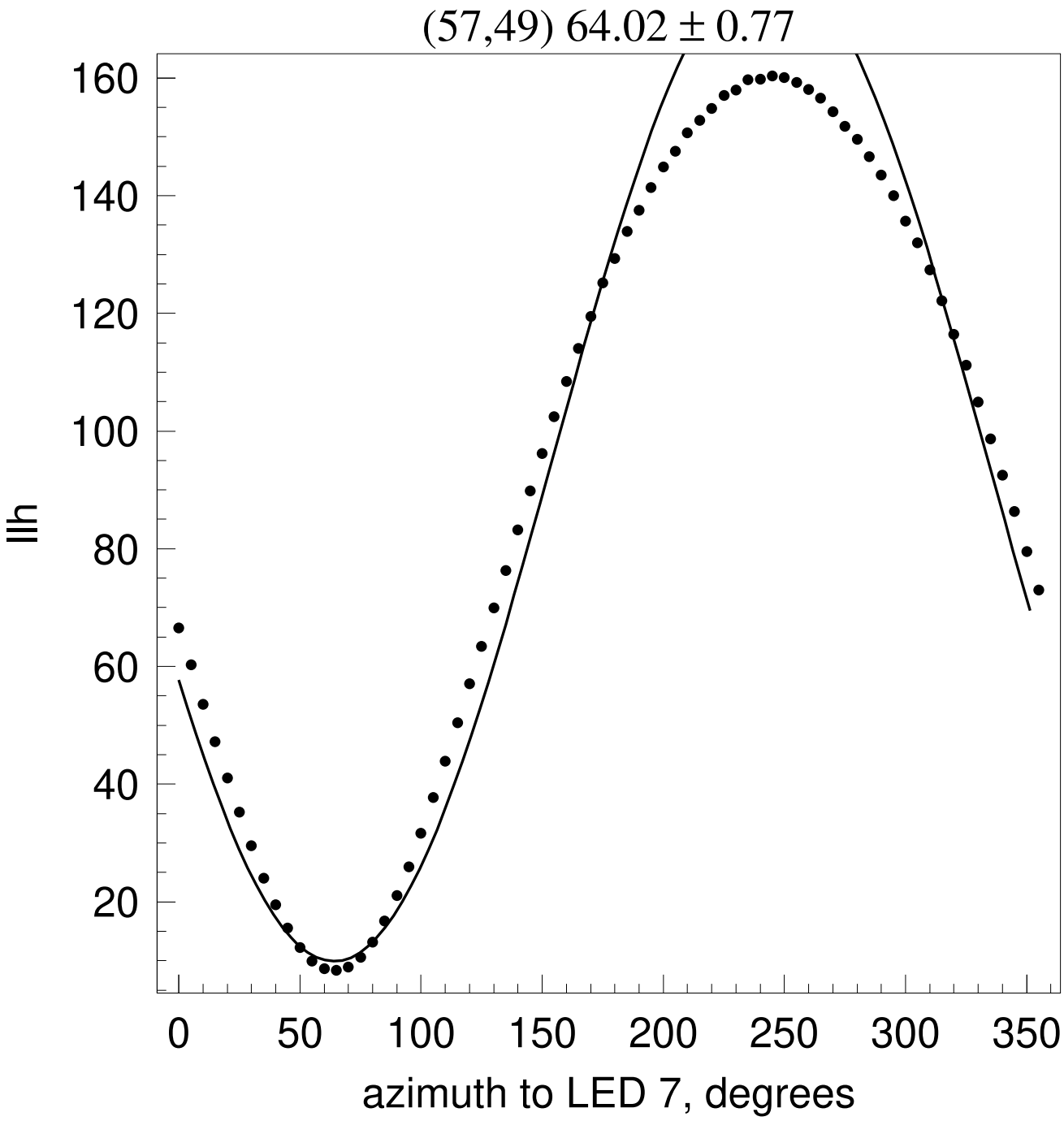

(57,44) 145.90 ± 0.29
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

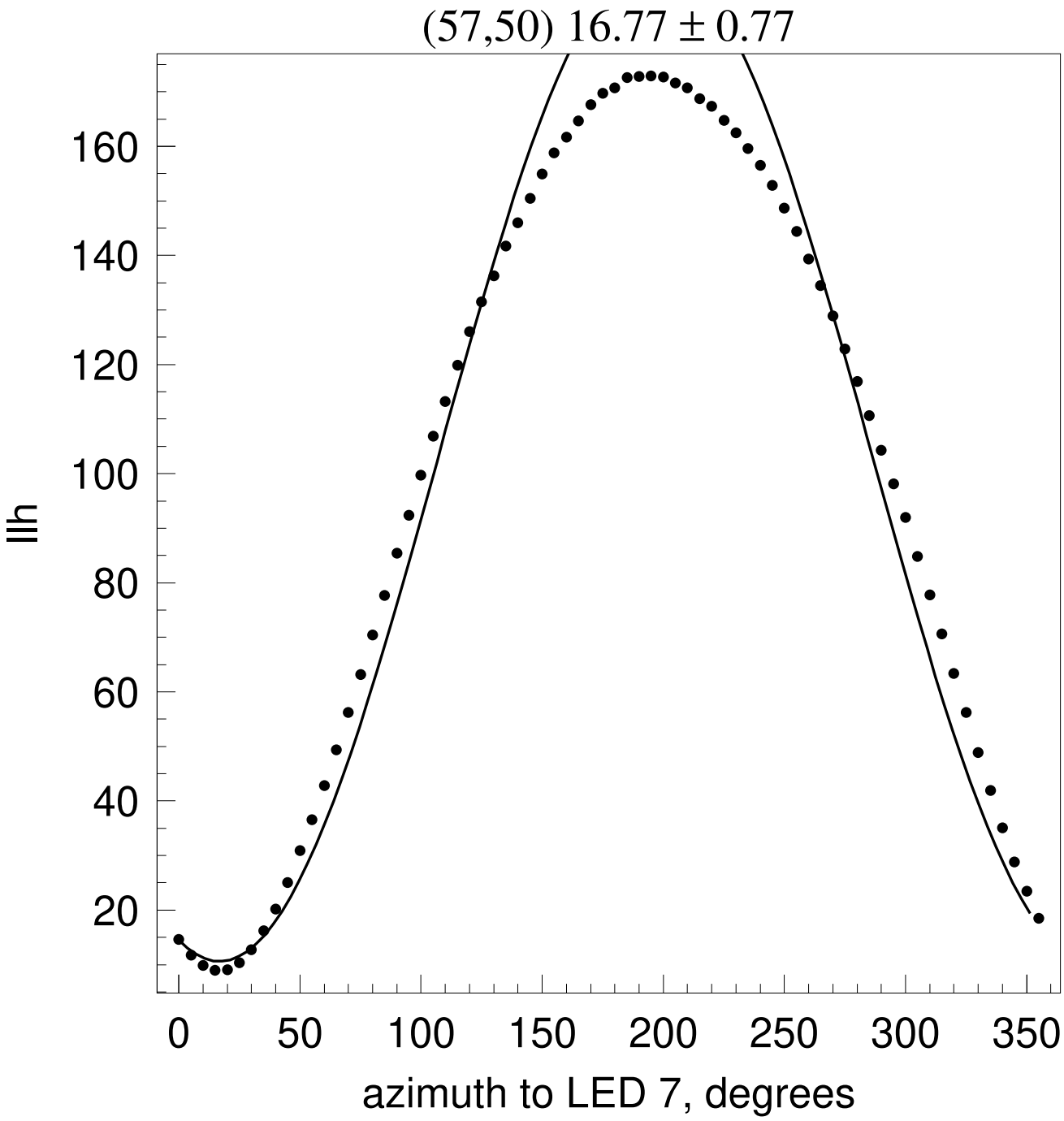

(57,45) 274.21 ± 0.31
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

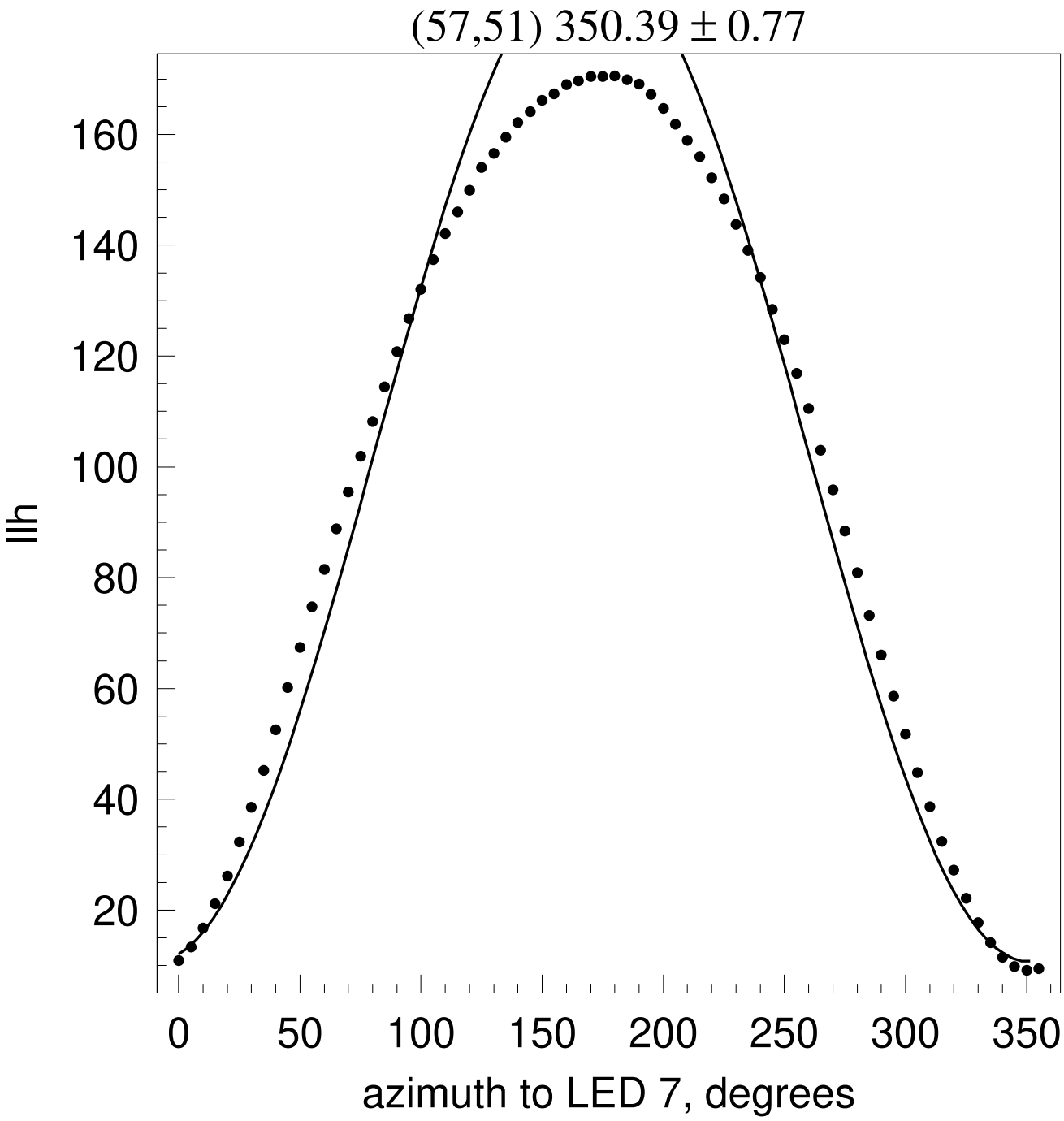

(57,46) 240.74 ± 0.48
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

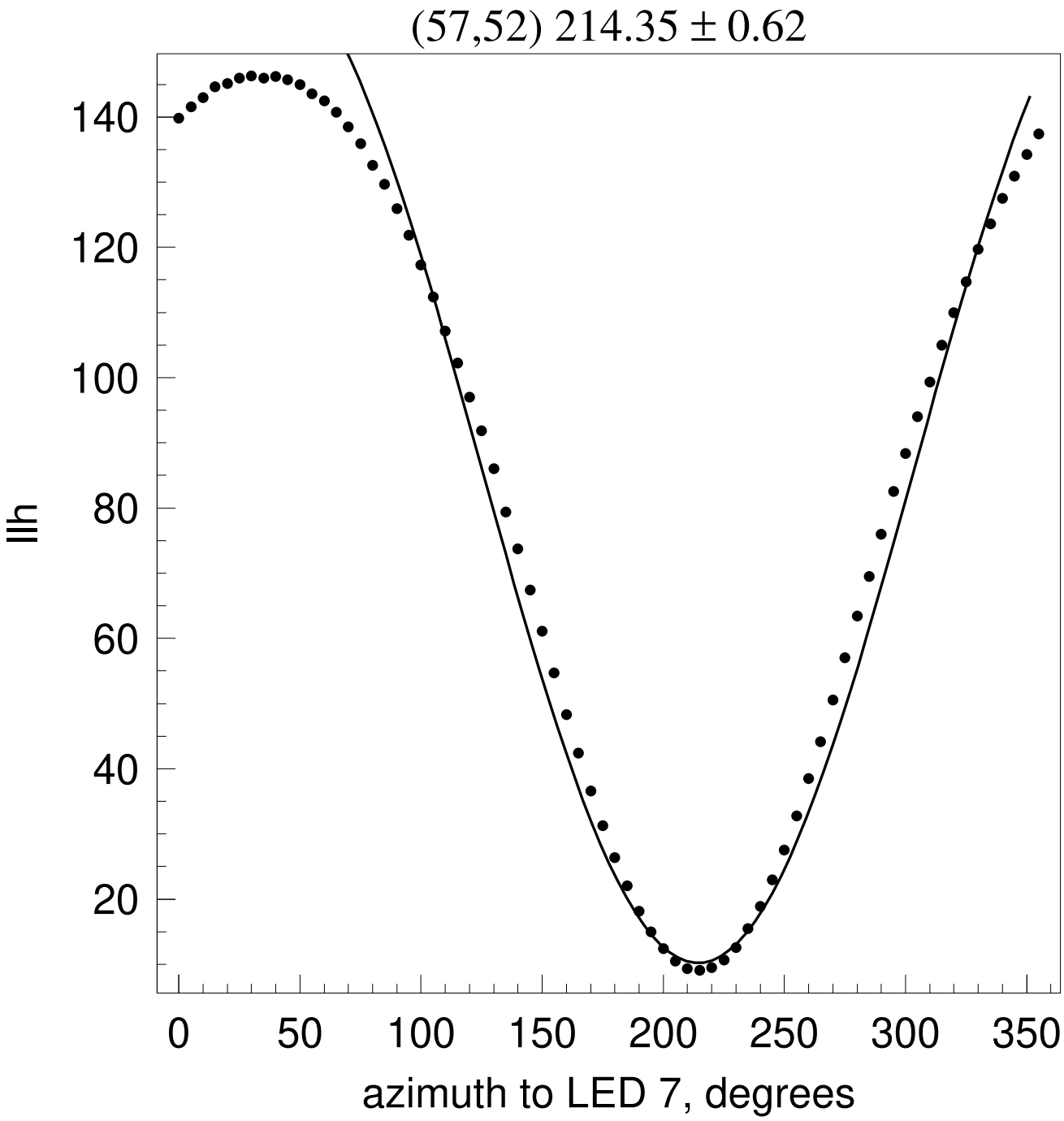

(57,47) 115.23 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

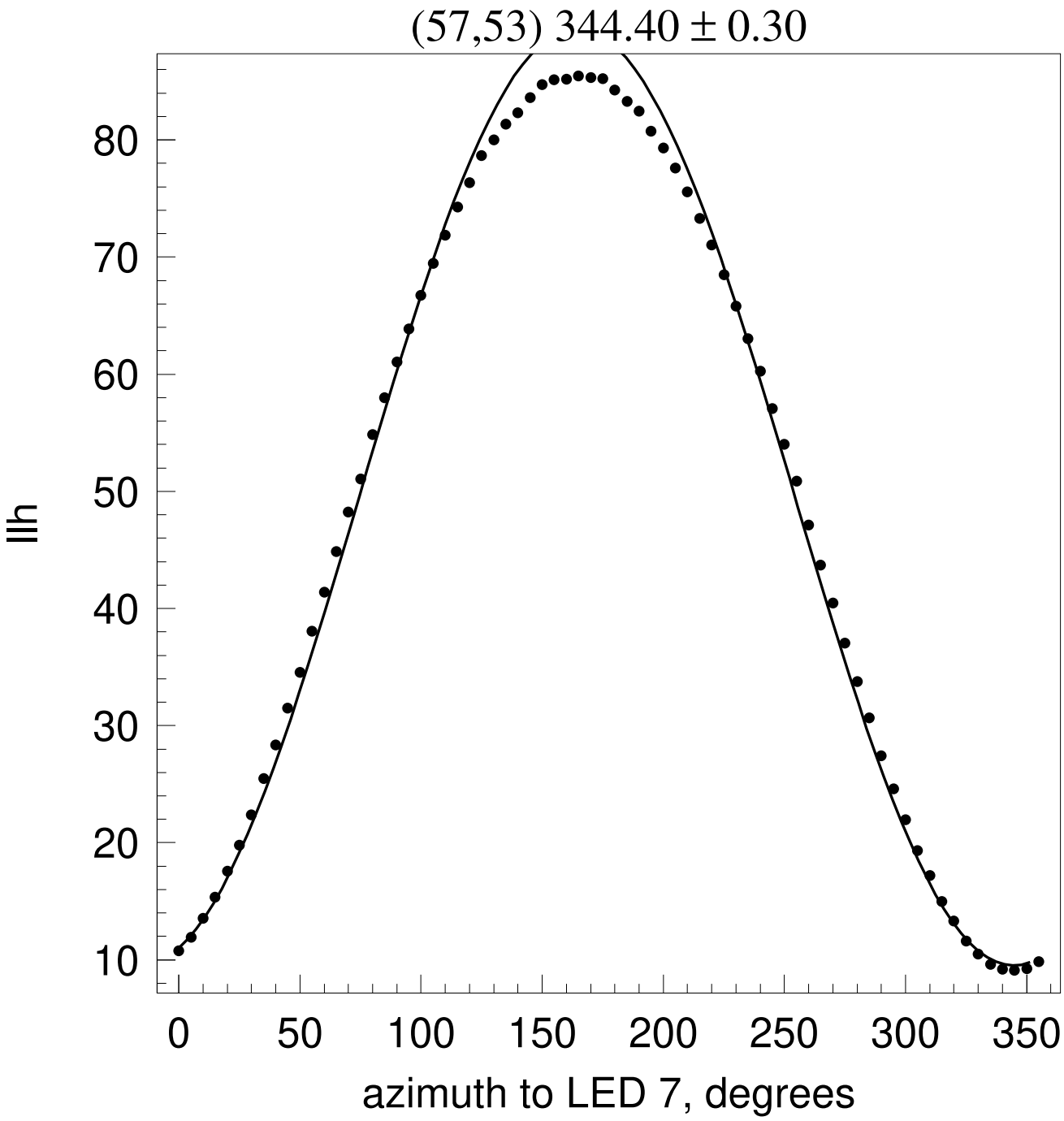

(57,48) 65.61 ± 0.63
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

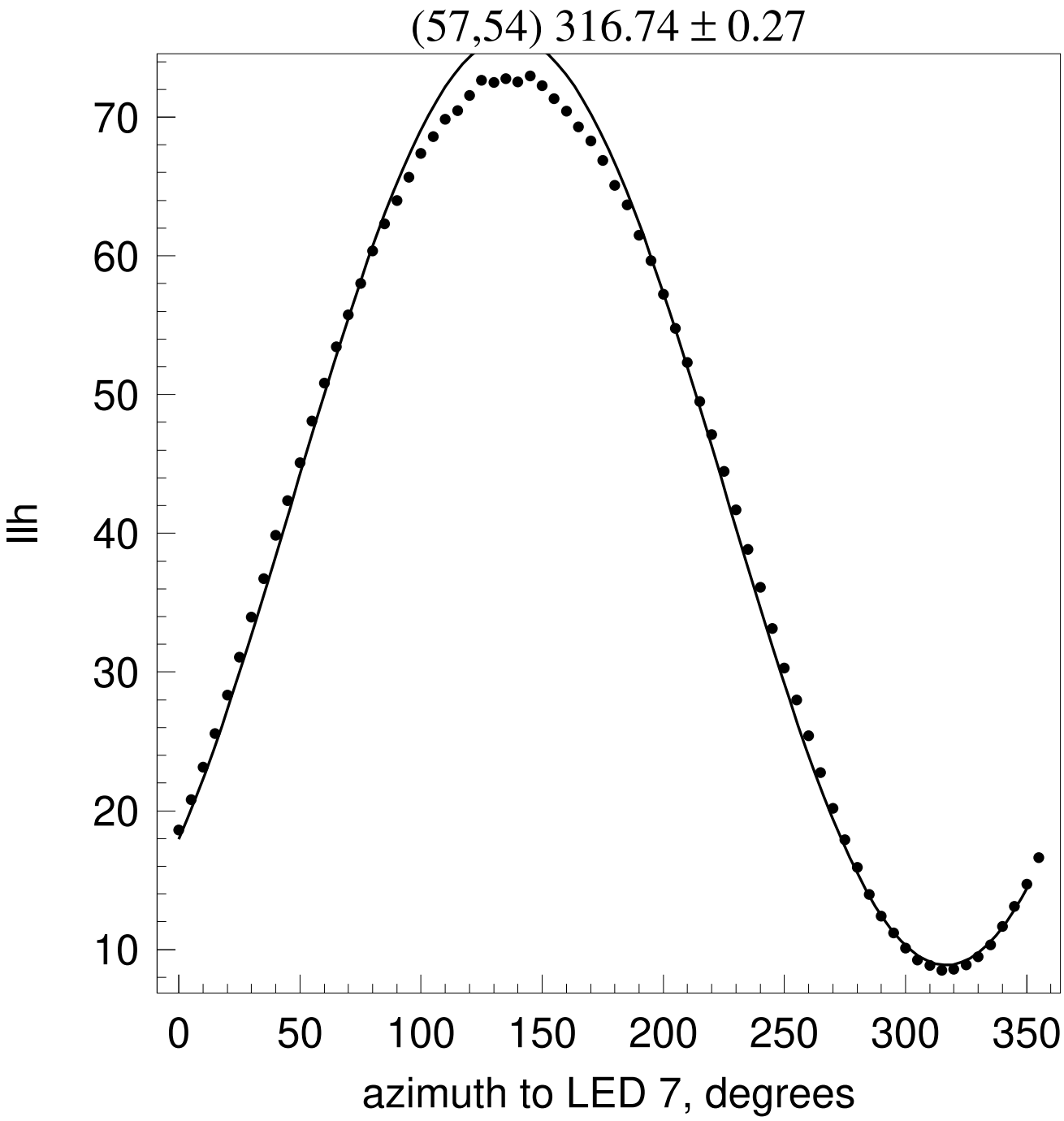

(57,49) 64.02 ± 0.77
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

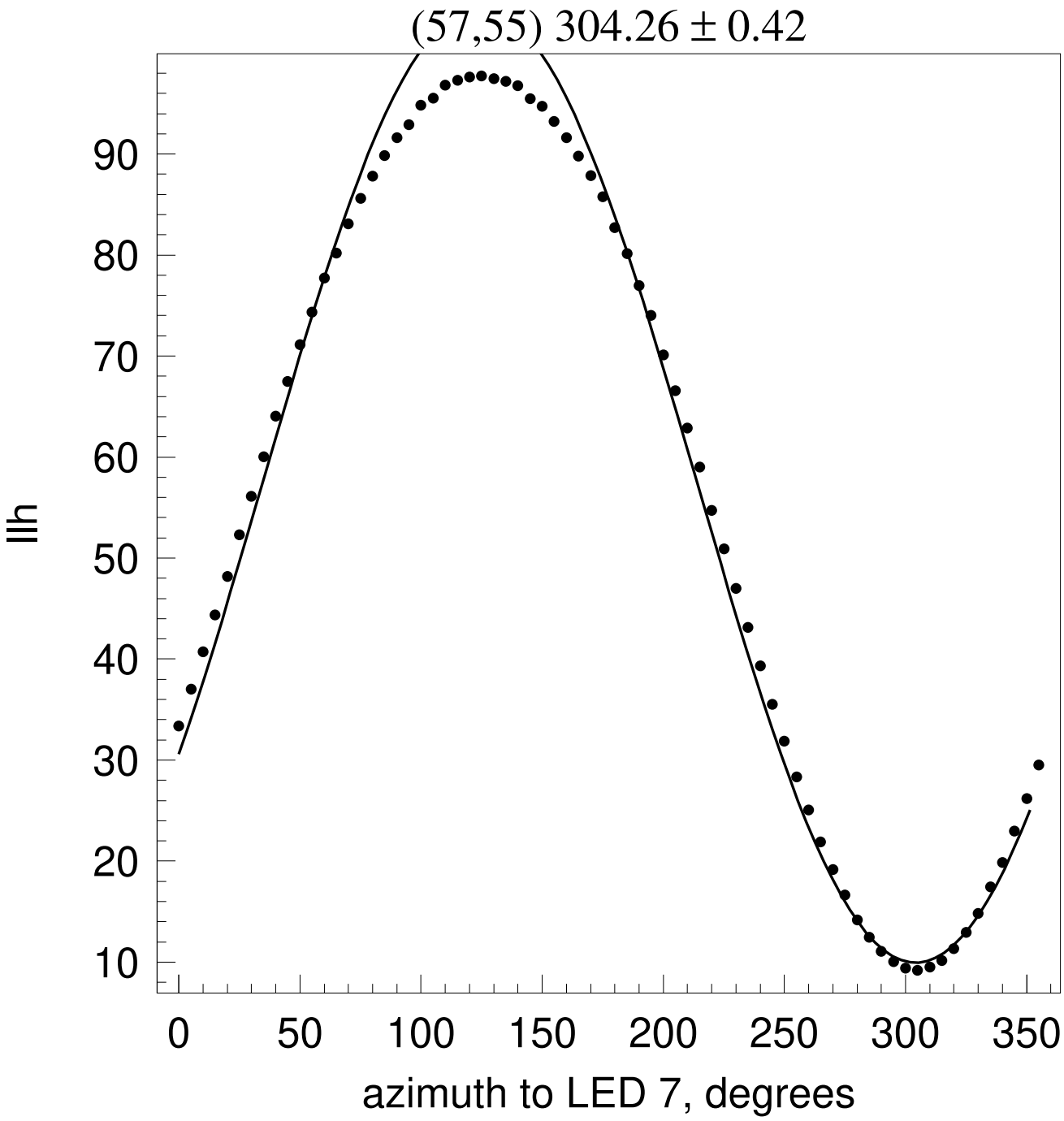

(57,50) 16.77 ± 0.77
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

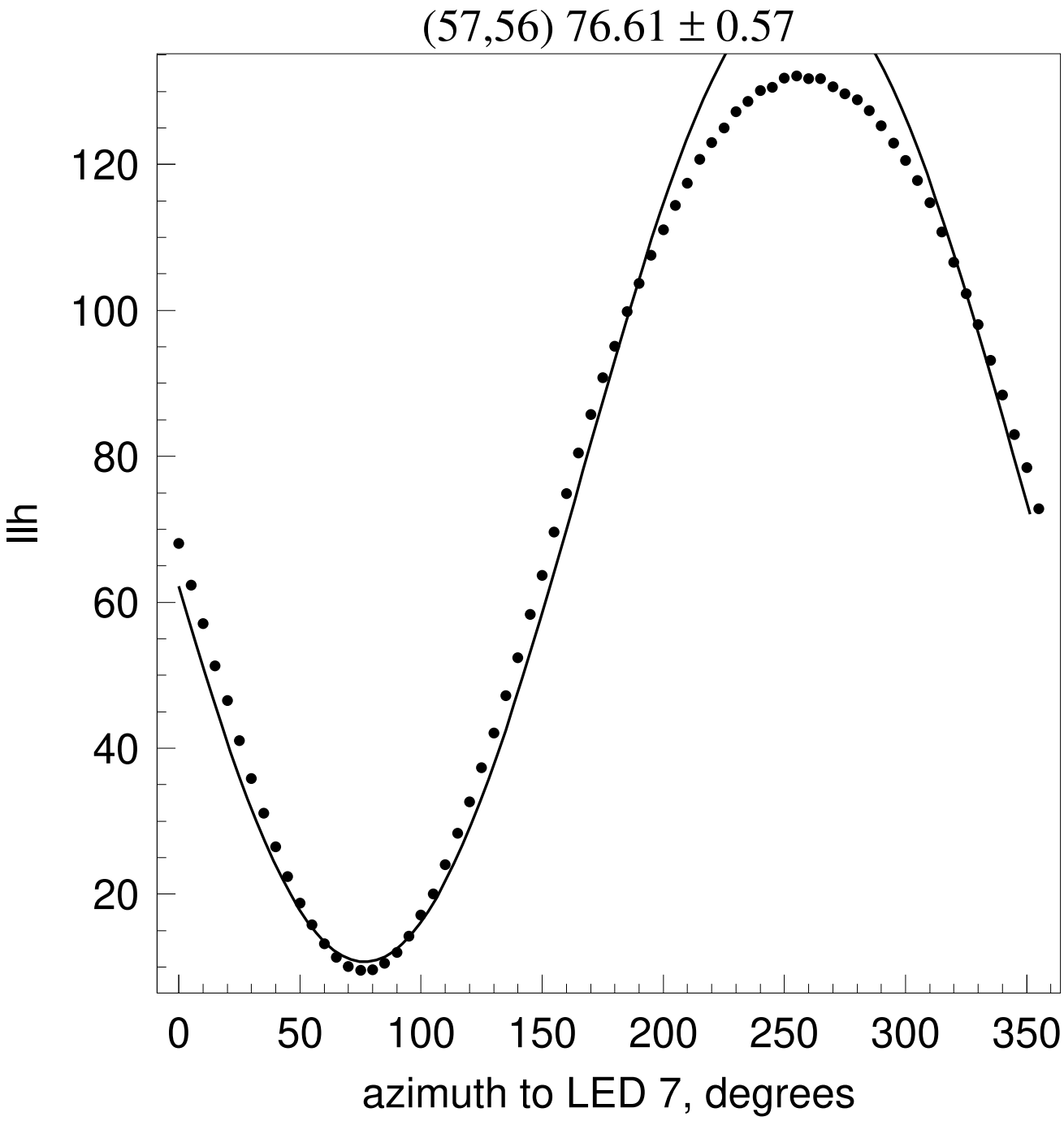

(57,51) 350.39 ± 0.77
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

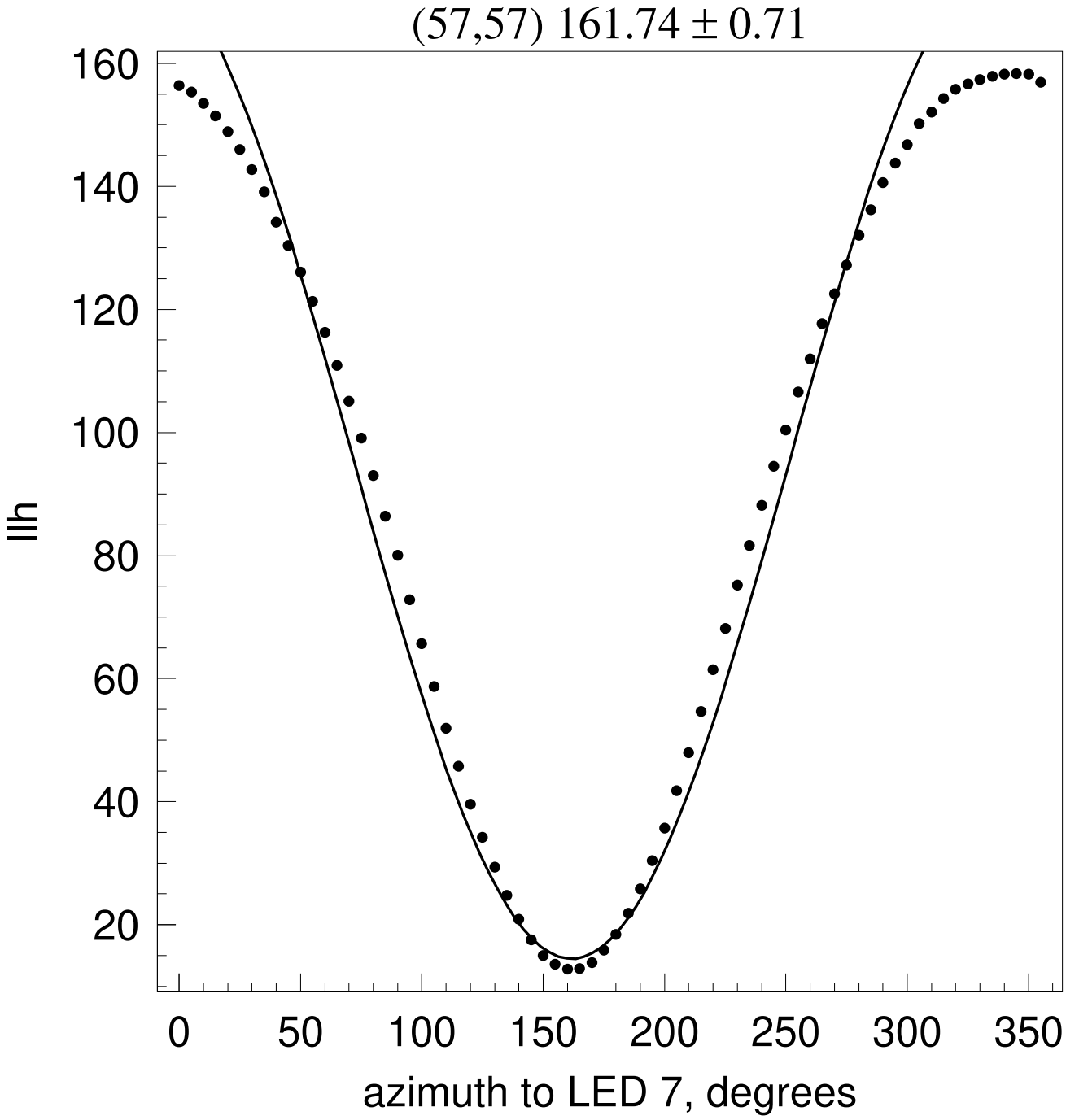

(57,52) 214.35 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

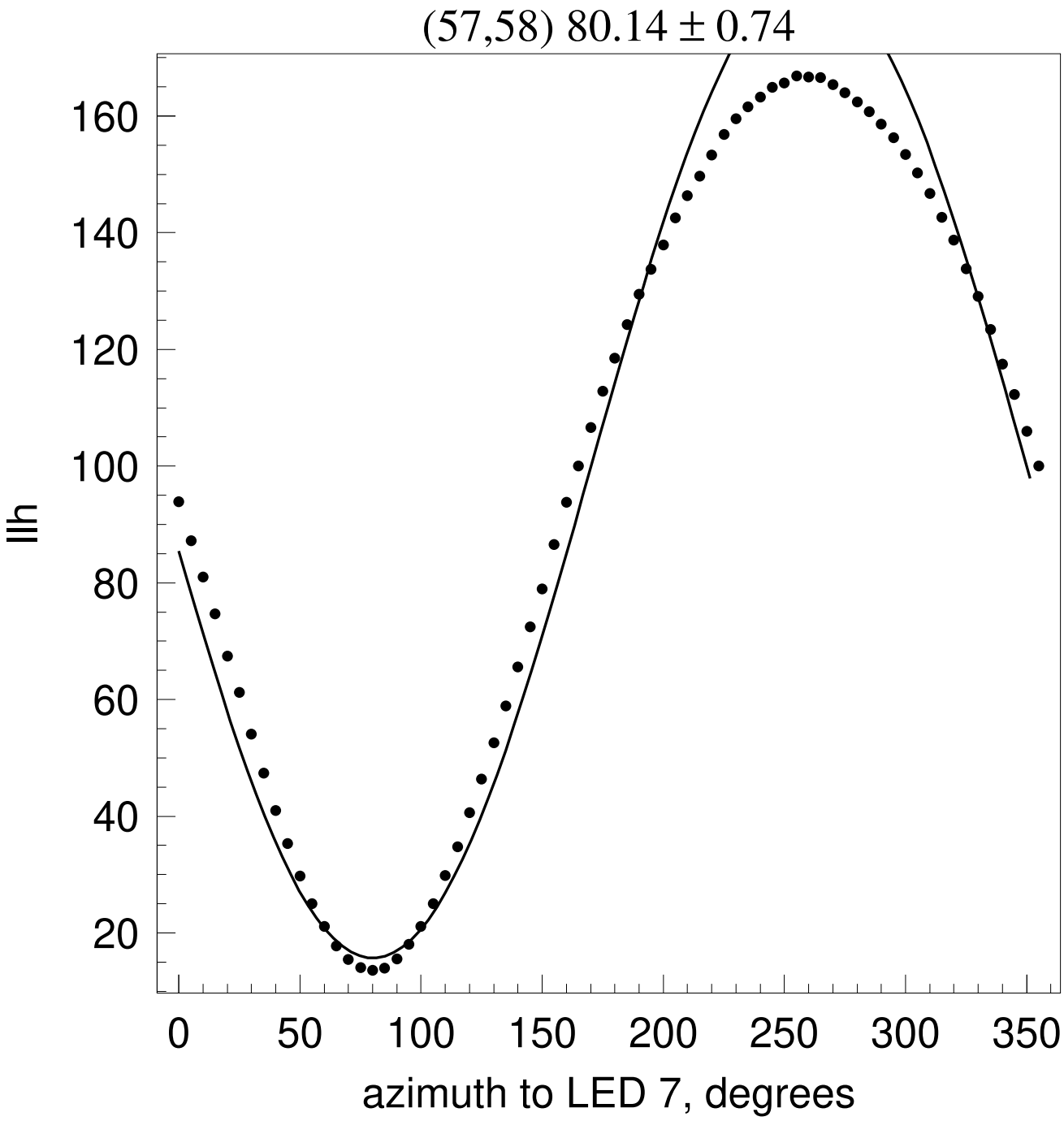

(57,53) 344.40 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

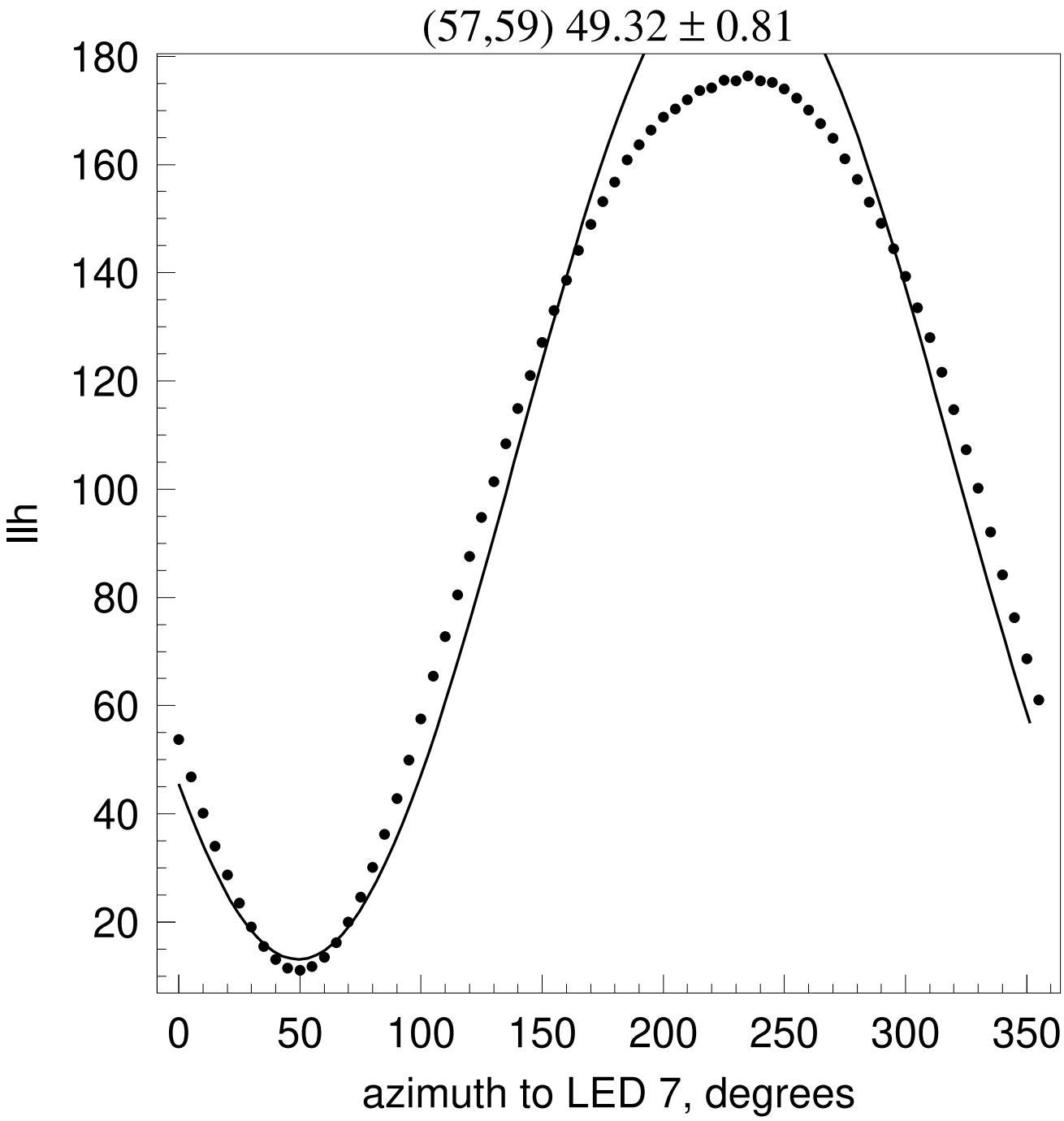

(57,54) 316.74 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

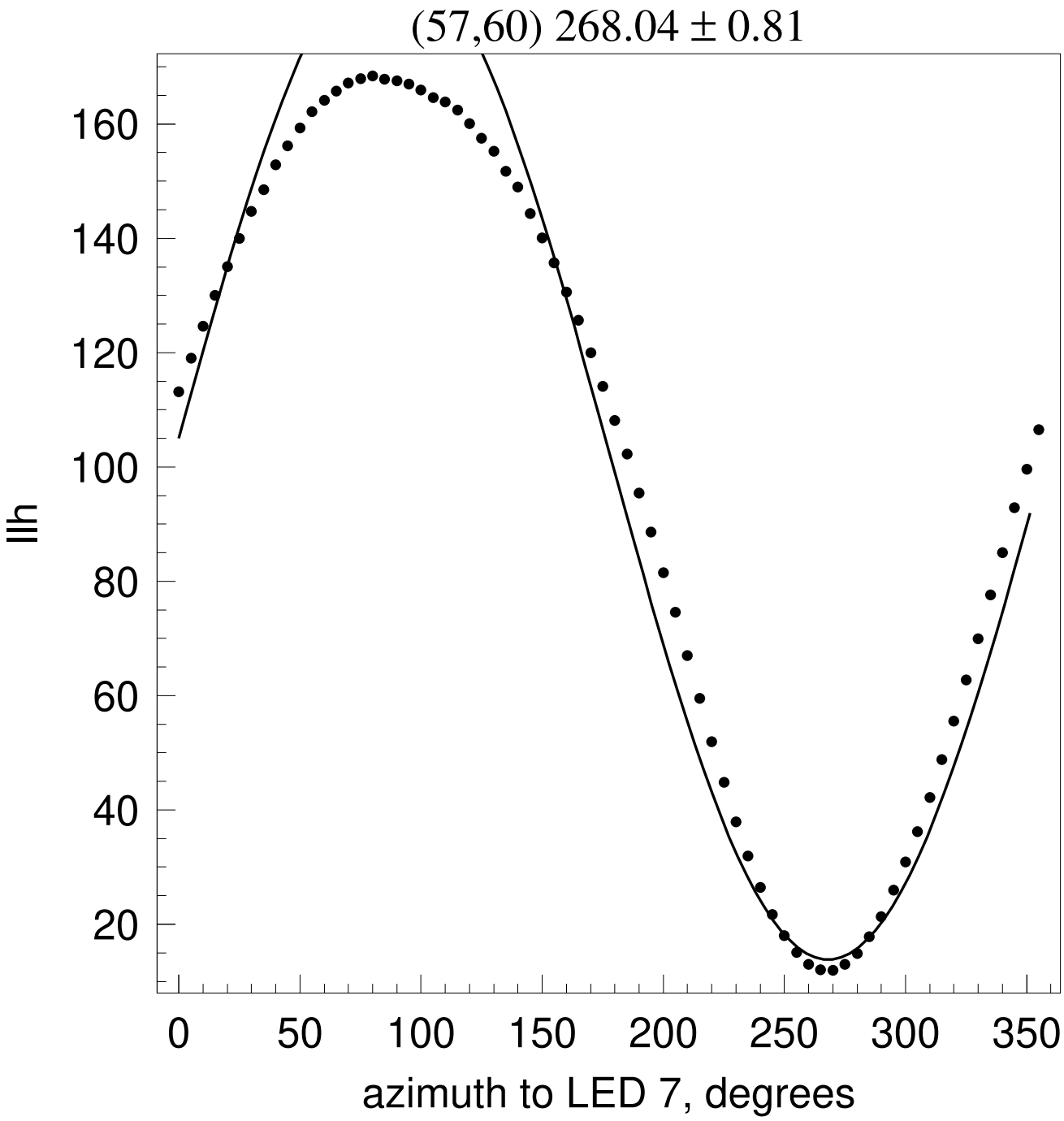

(57,55) 304.26 ± 0.42
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

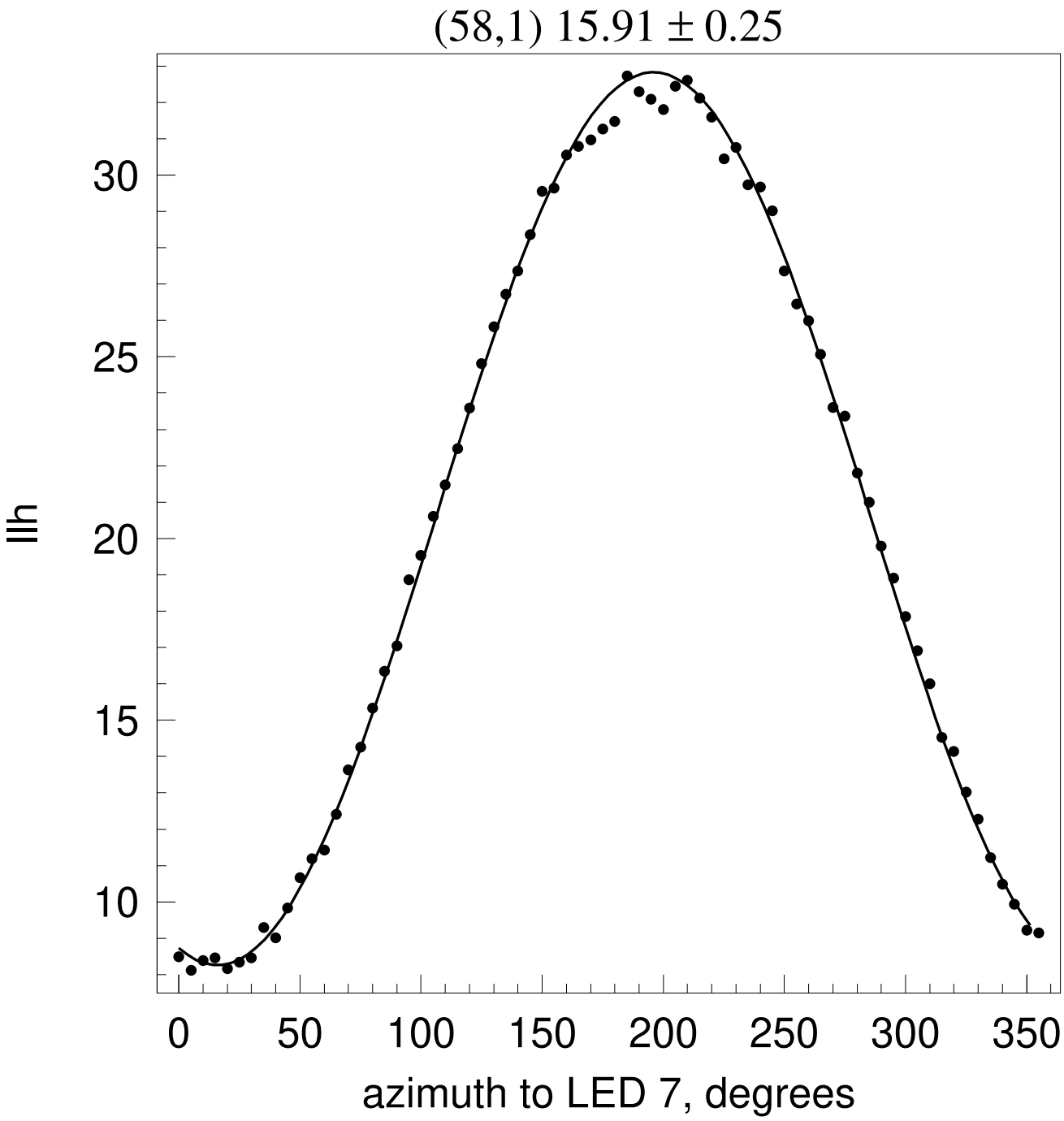

(57,56) 76.61 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

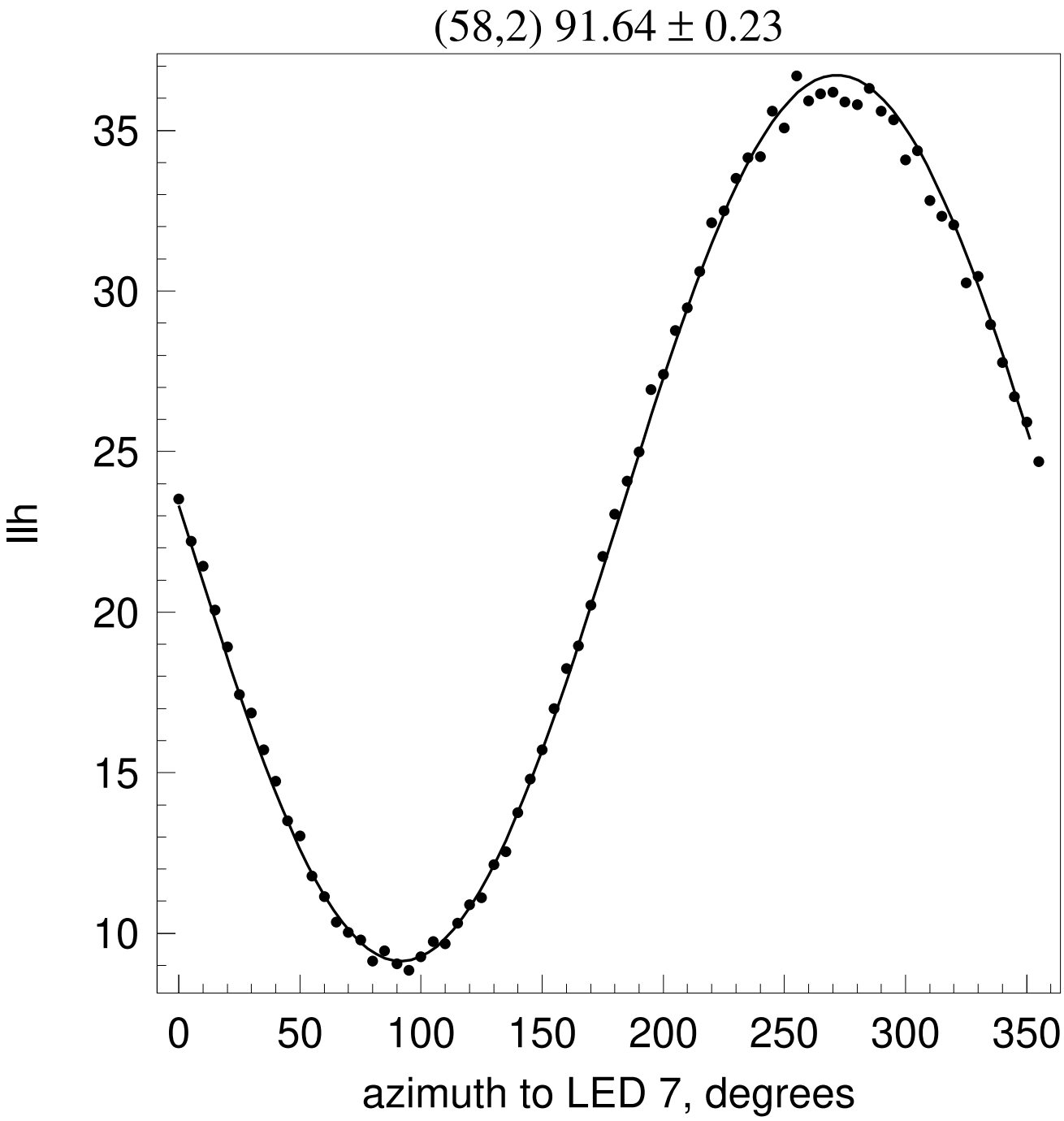

(57,57) 161.74 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

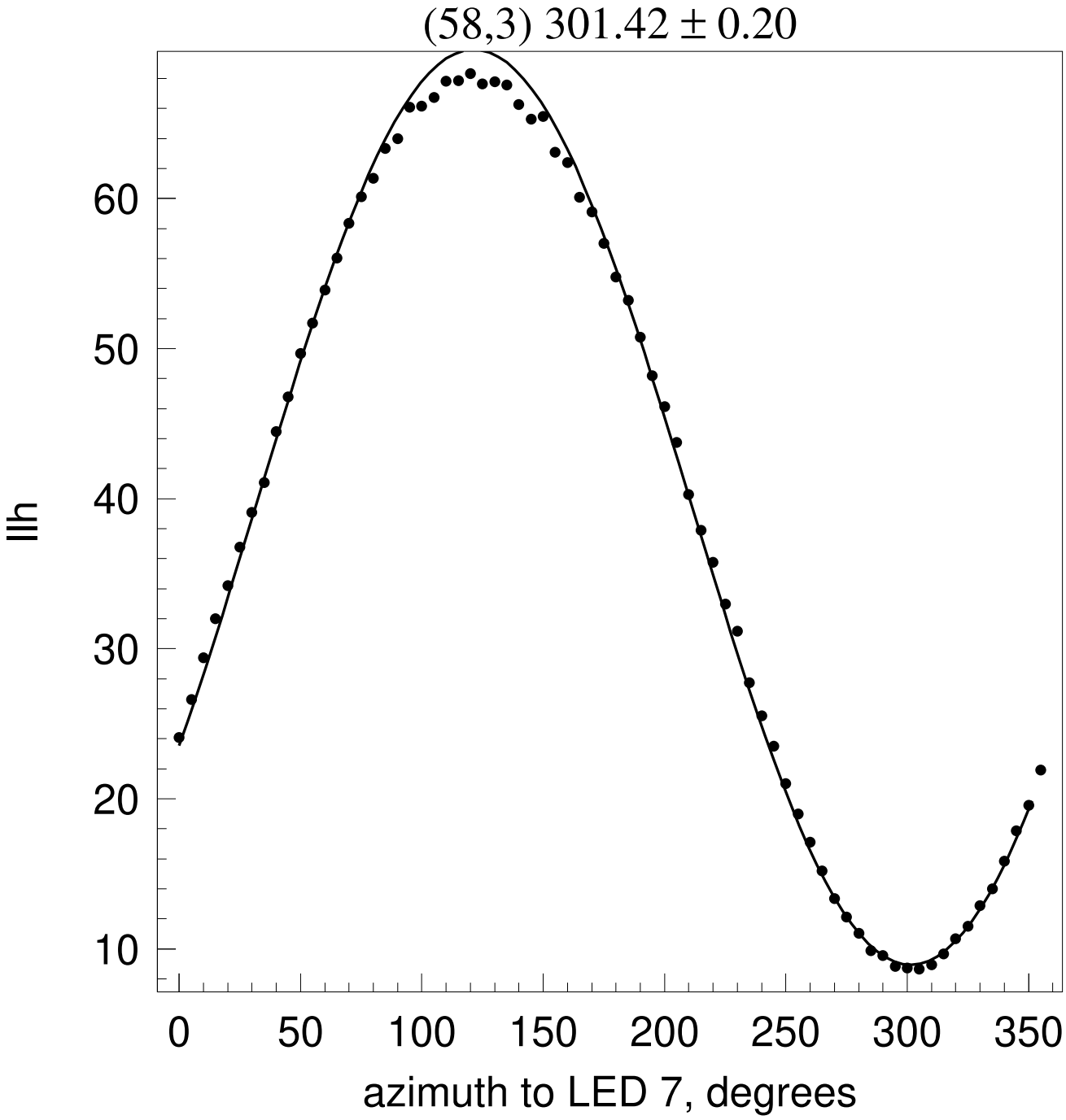

(57,58) 80.14 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

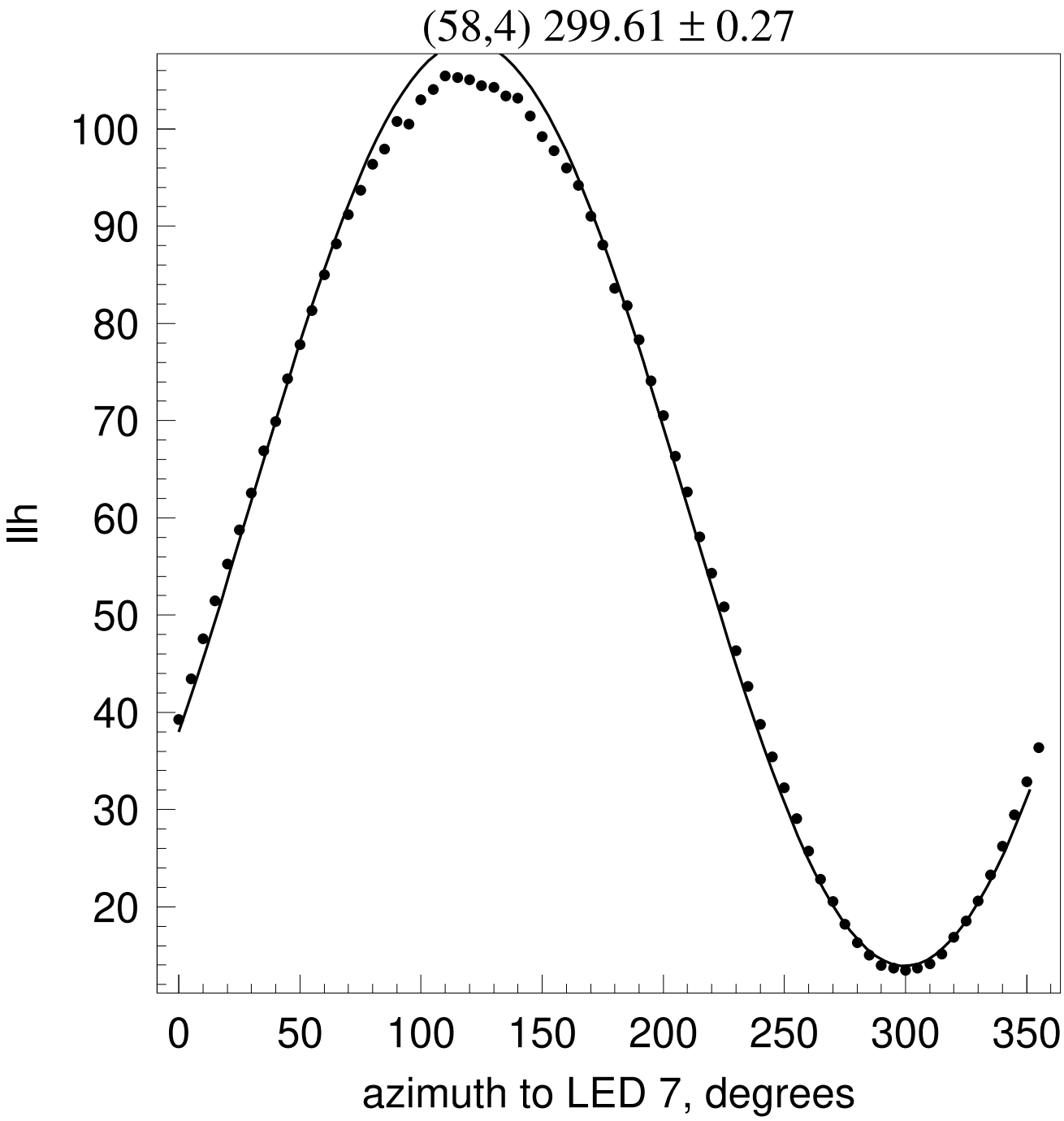

(57,59) 49.32 ± 0.81
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

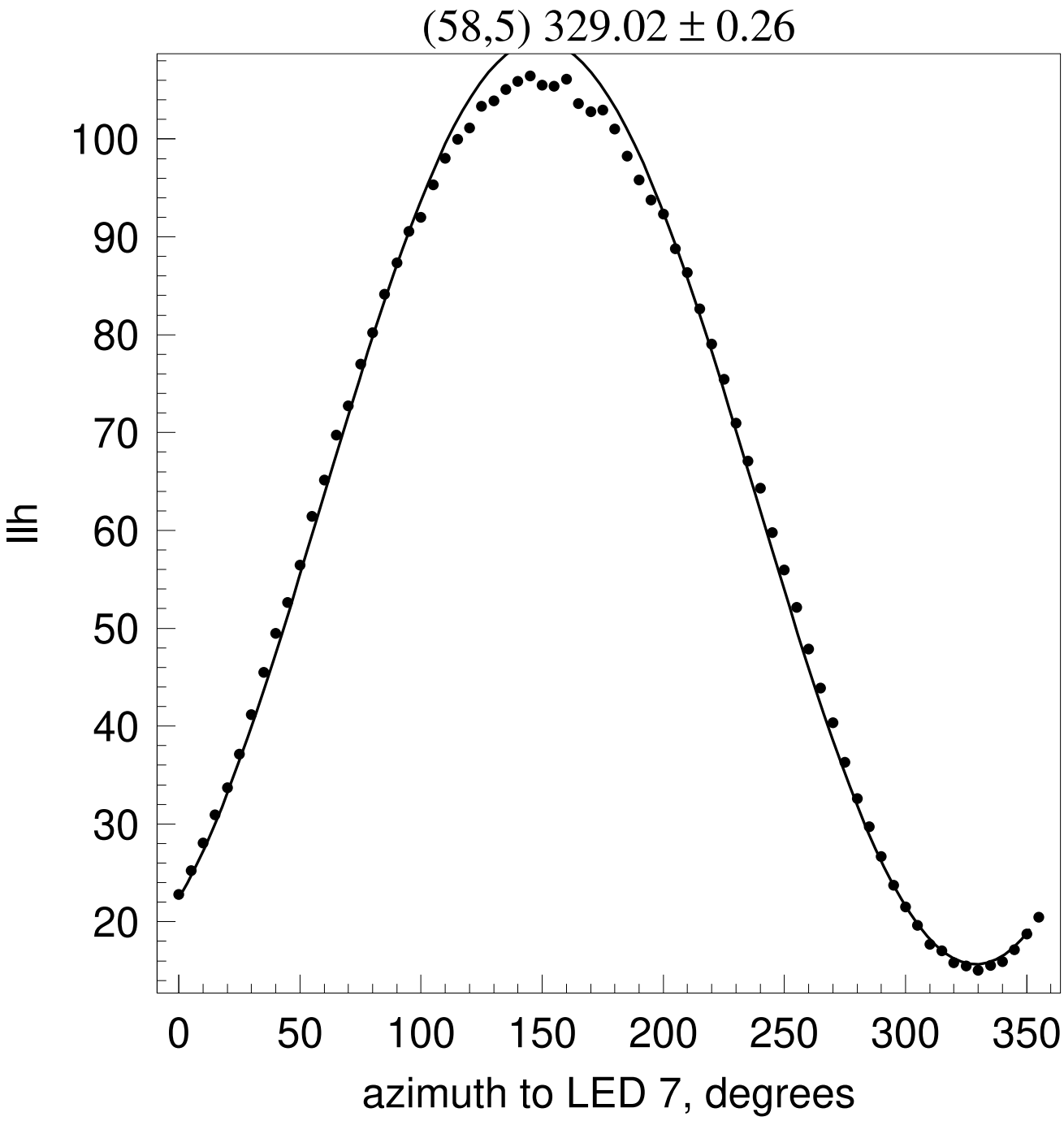

(57,60) 268.04 ± 0.81
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

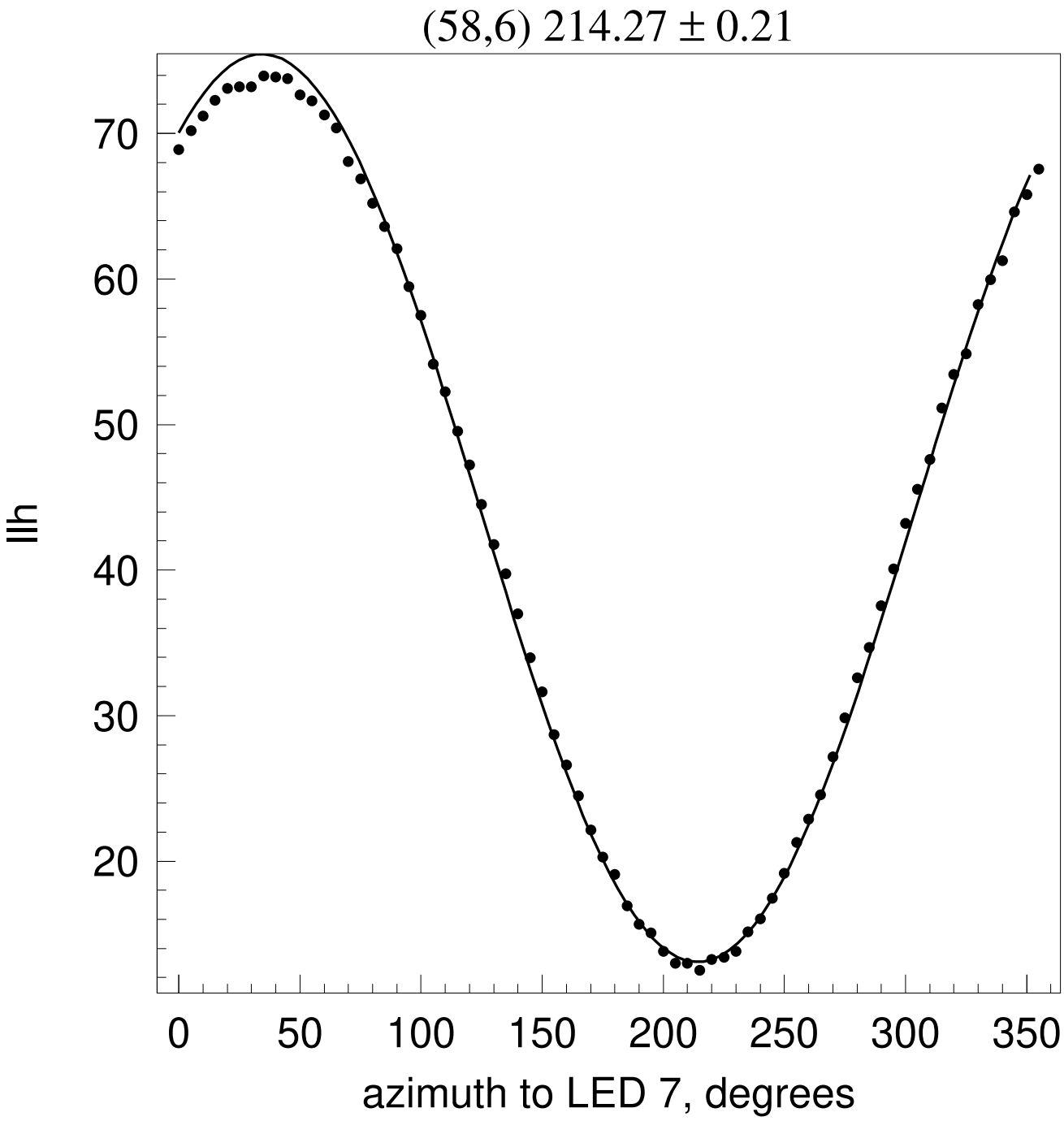

(58,1) 15.91 ± 0.25
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

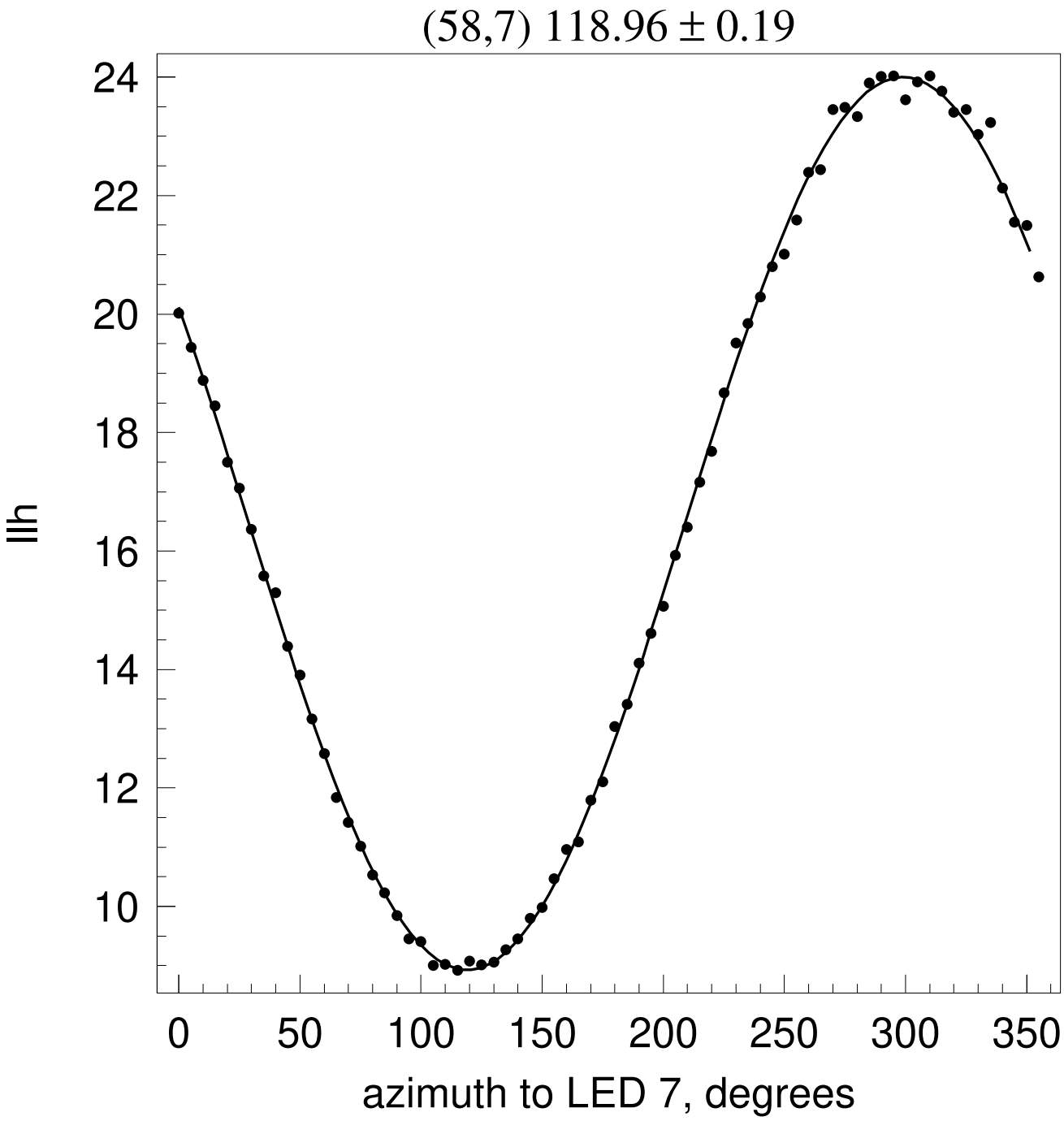

(58,2) 91.64 ± 0.23
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

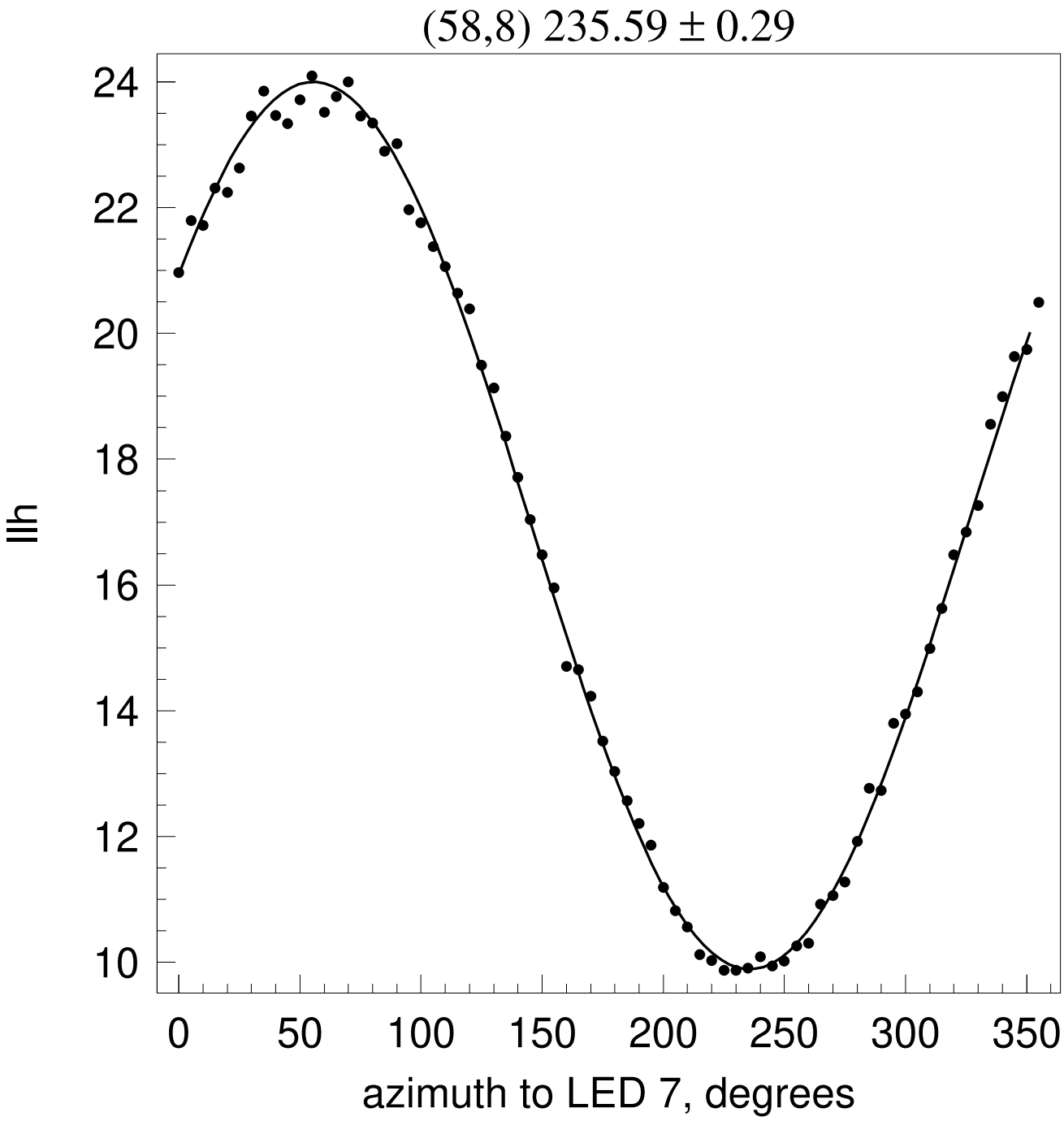

(58,3) 301.42 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

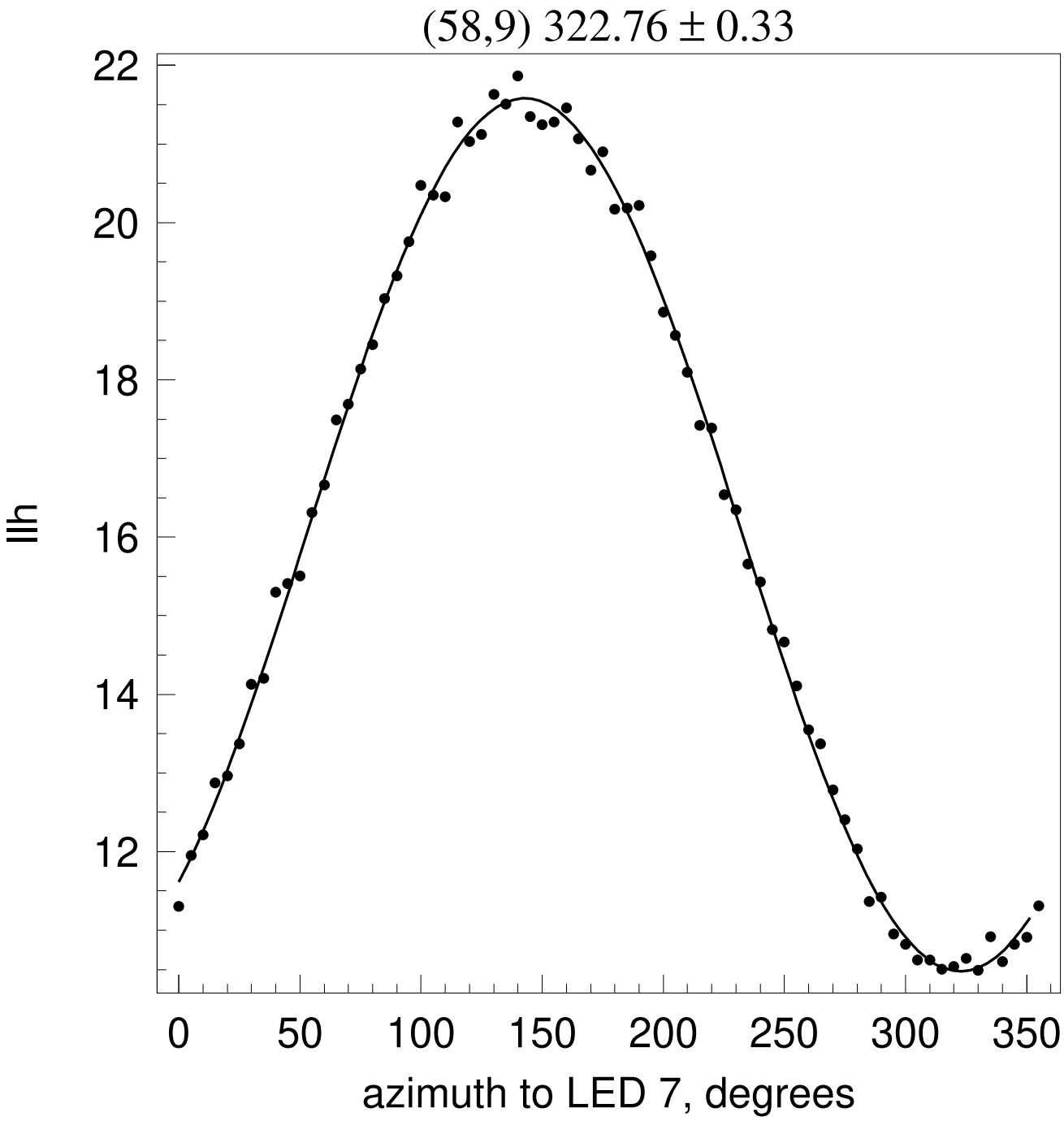

(58,4) 299.61 ± 0.27
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

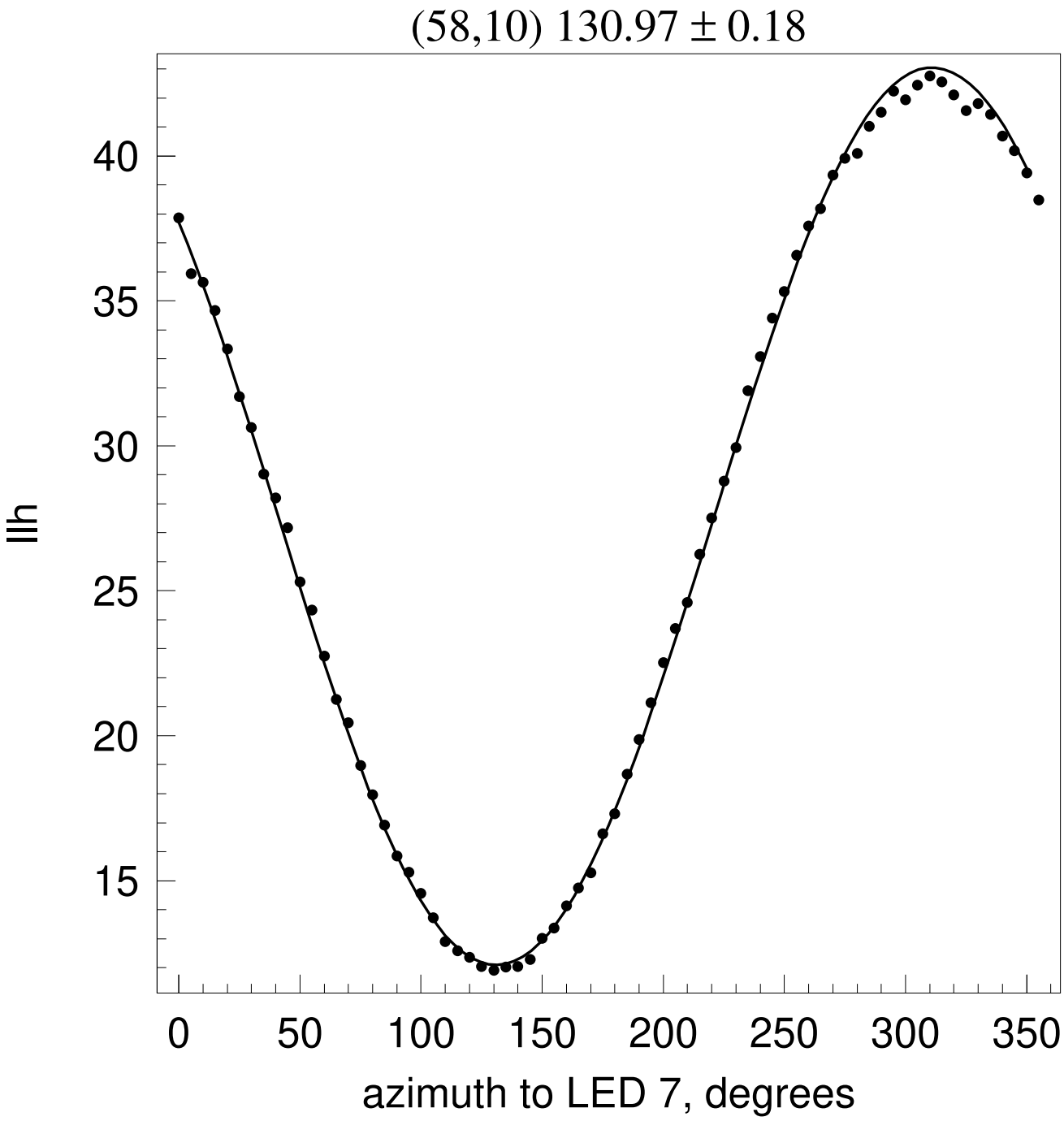

(58,5) 329.02 ± 0.26
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

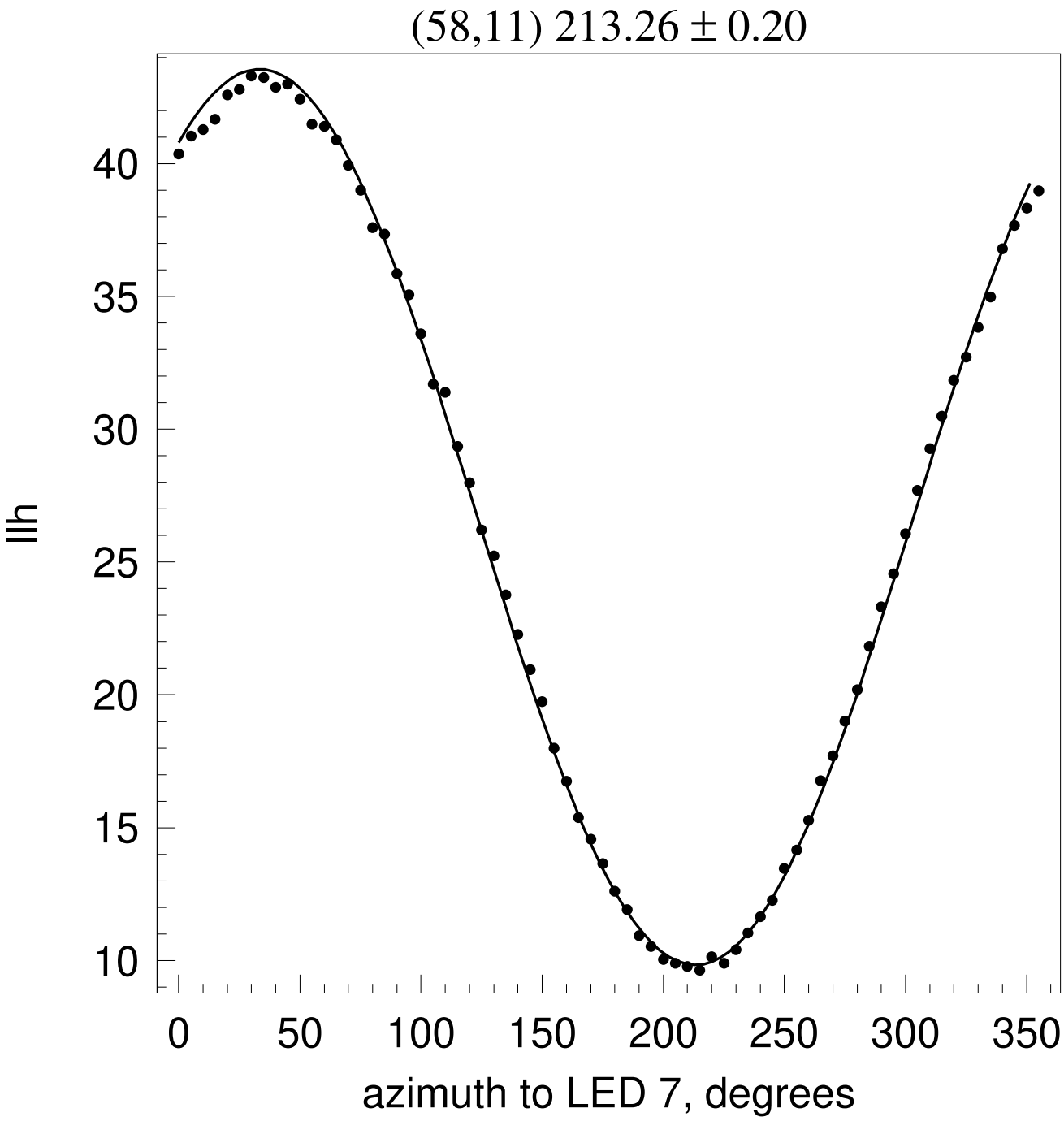

(58,6) 214.27 ± 0.21
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

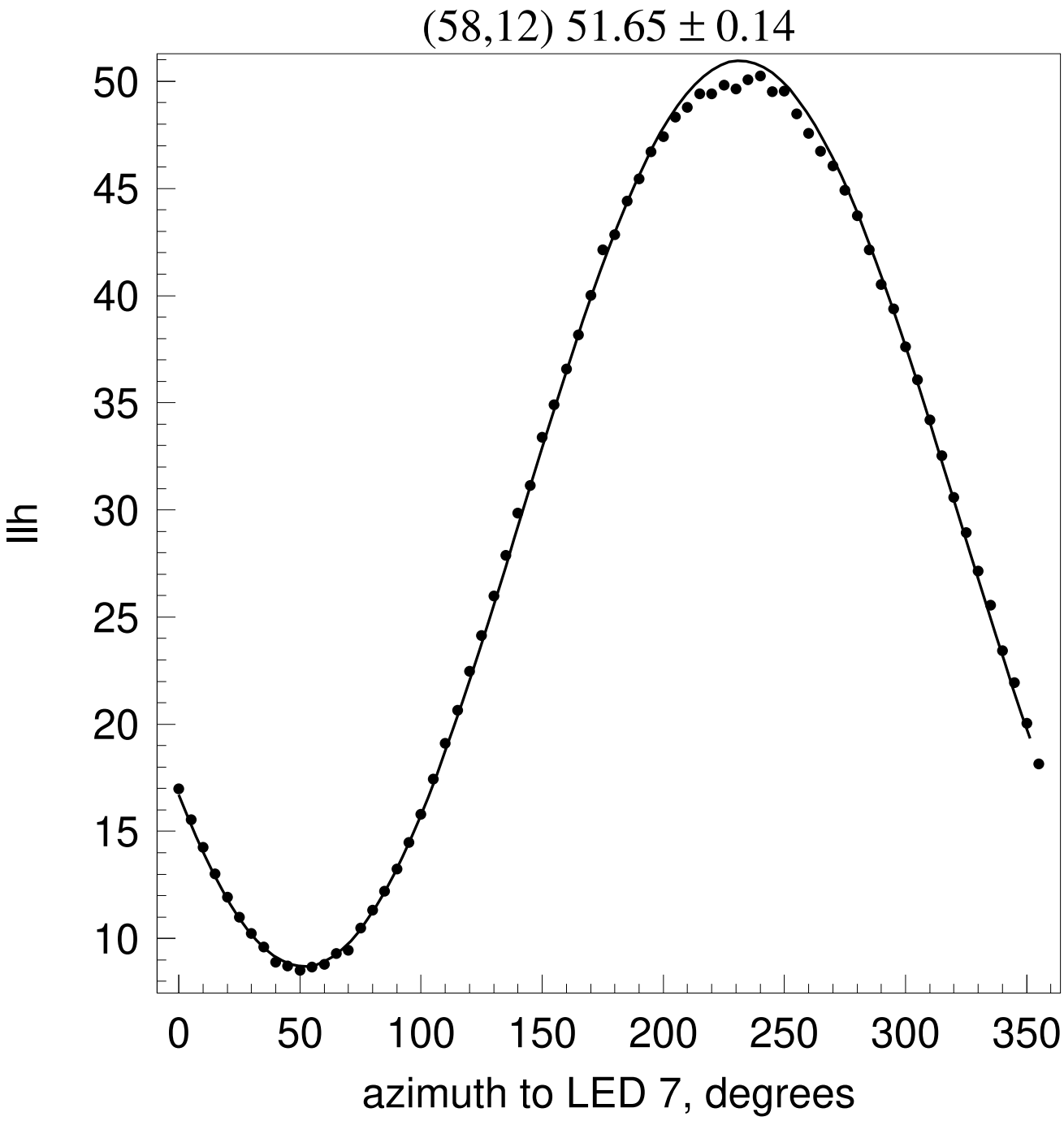

(58,7) 118.96 ± 0.19
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

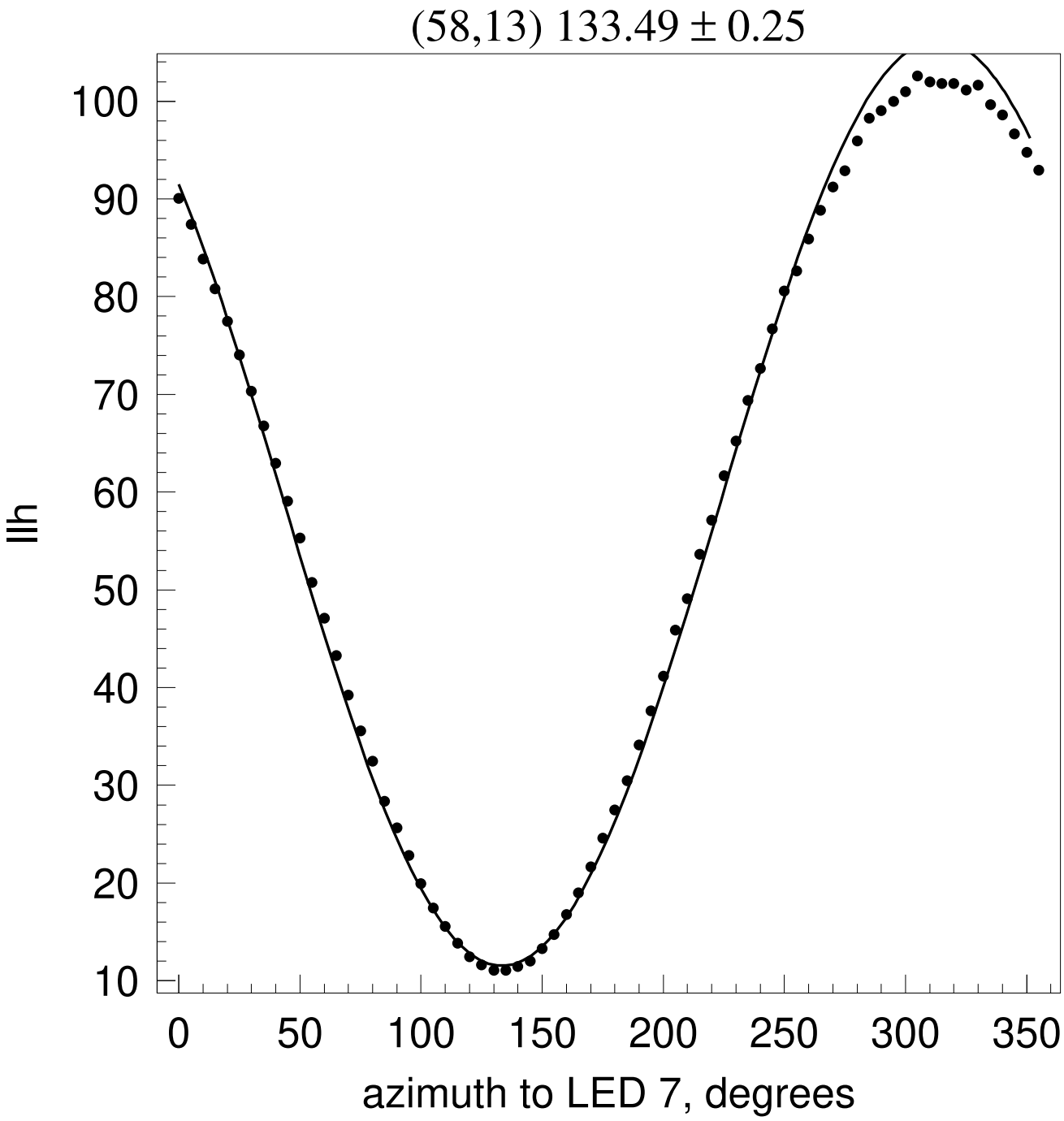

(58,8) 235.59 ± 0.29
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

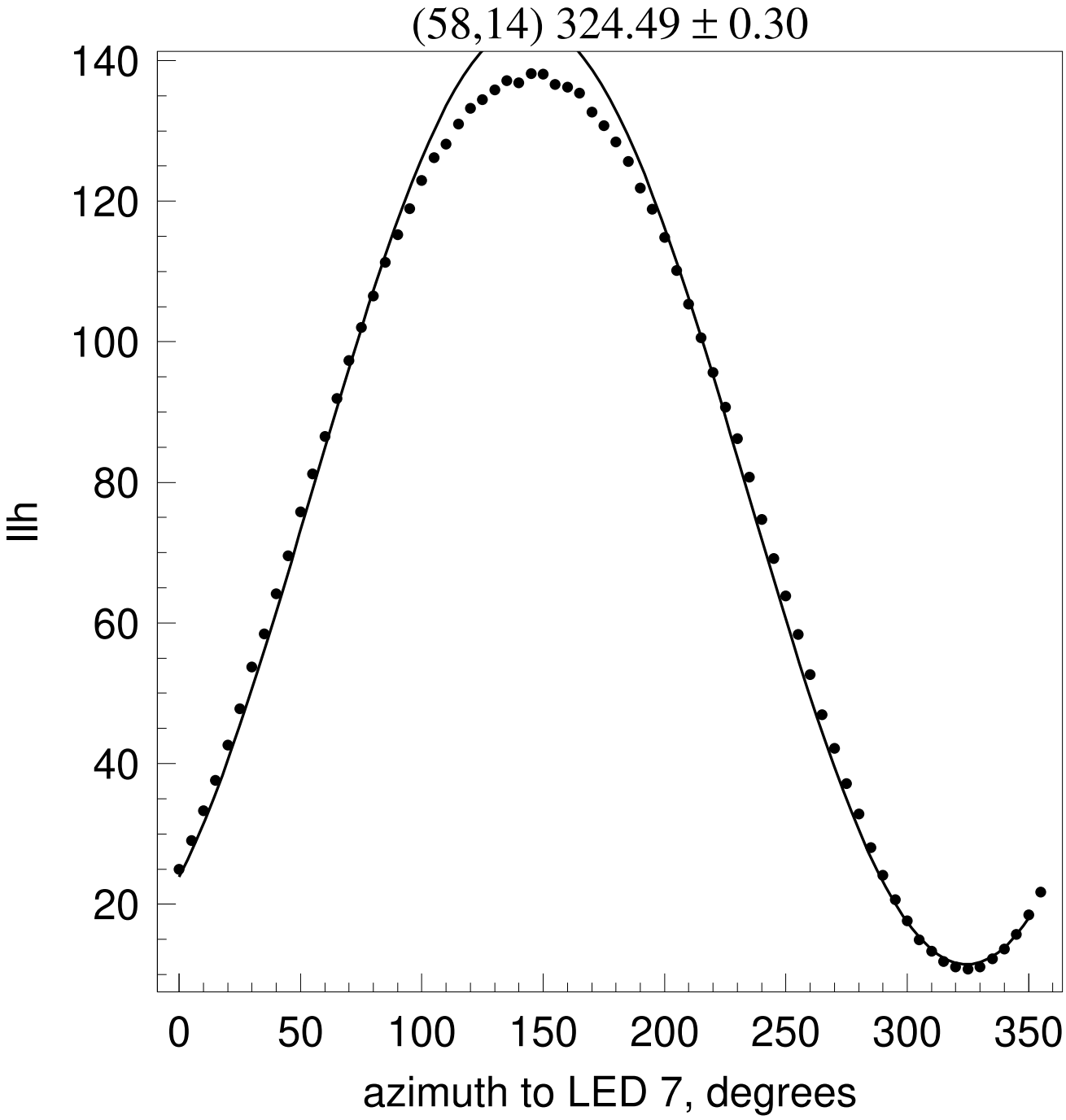

(58,9) 322.76 ± 0.33
22
20
18
16
14
12
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

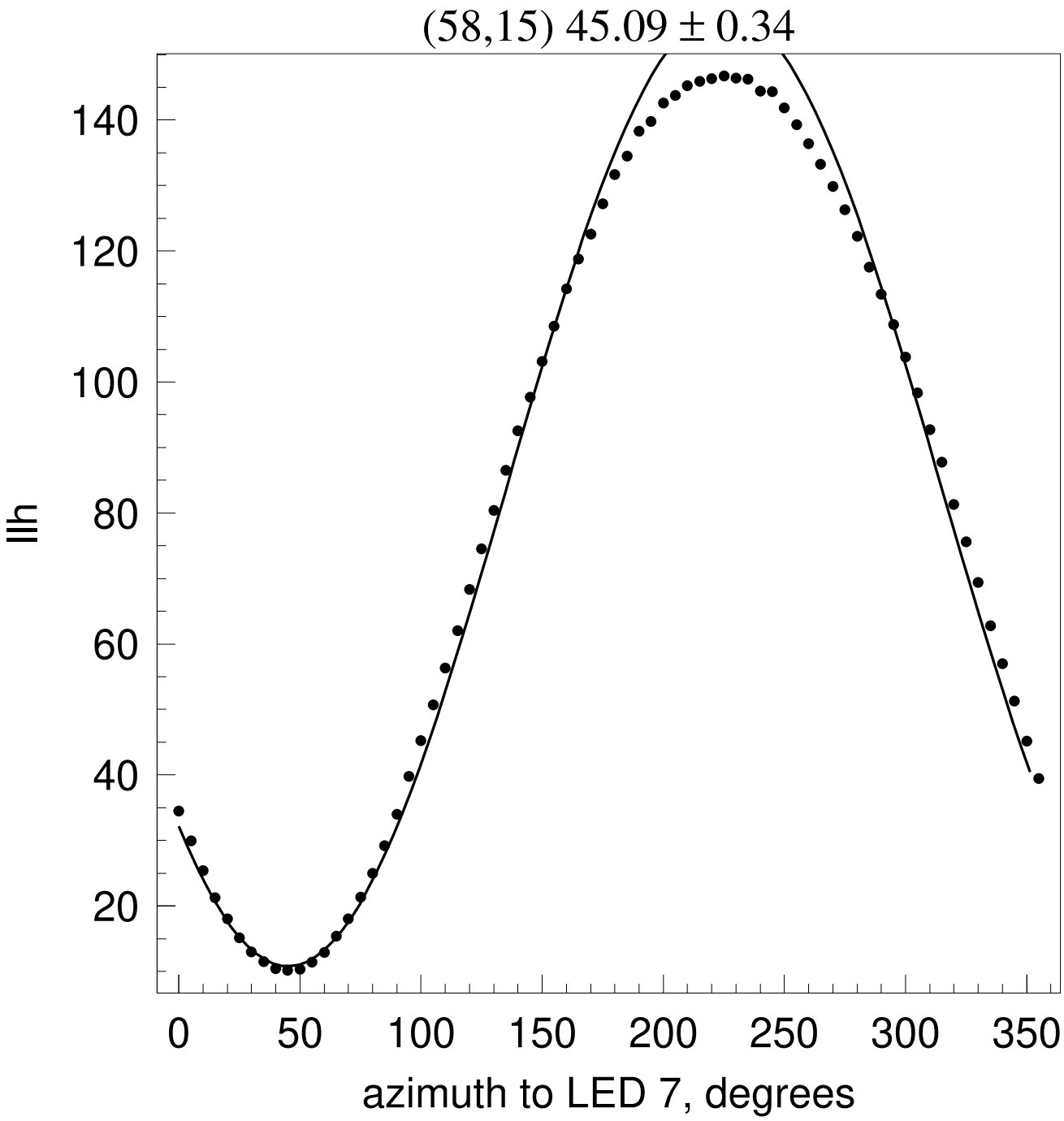

(58,10) 130.97 ± 0.18
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

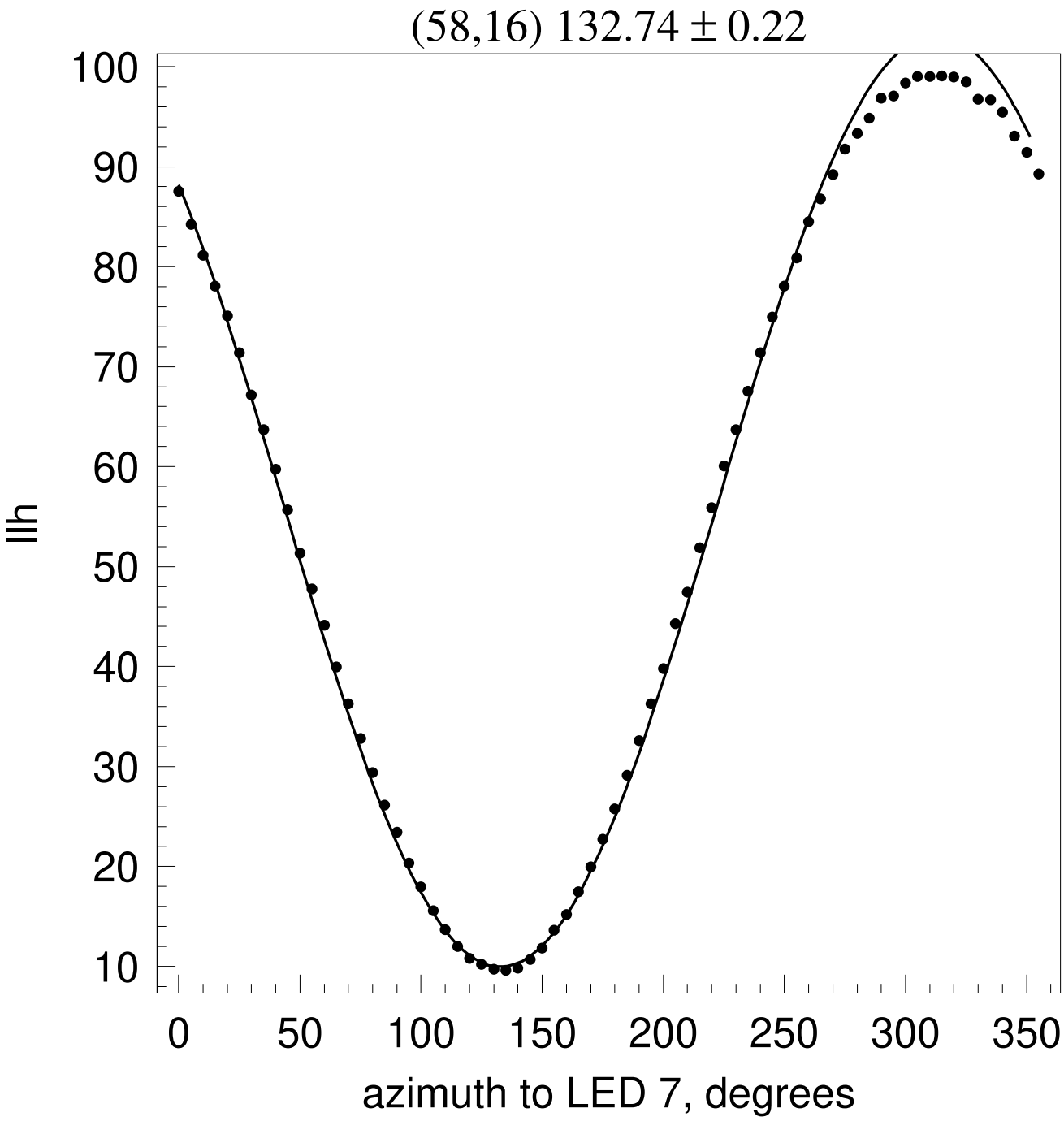

(58,11) 213.26 ± 0.20
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

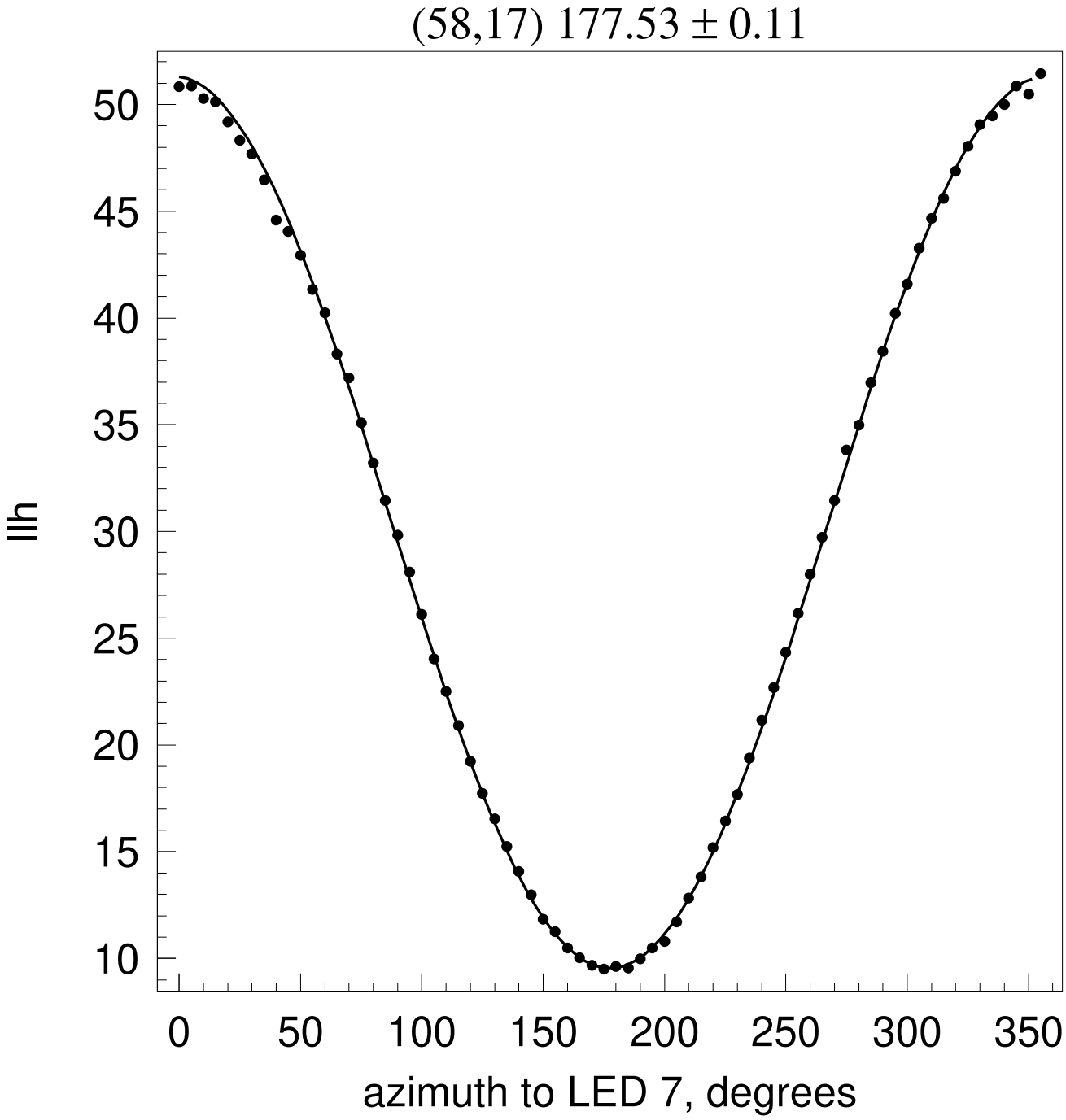

(58,12) 51.65 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

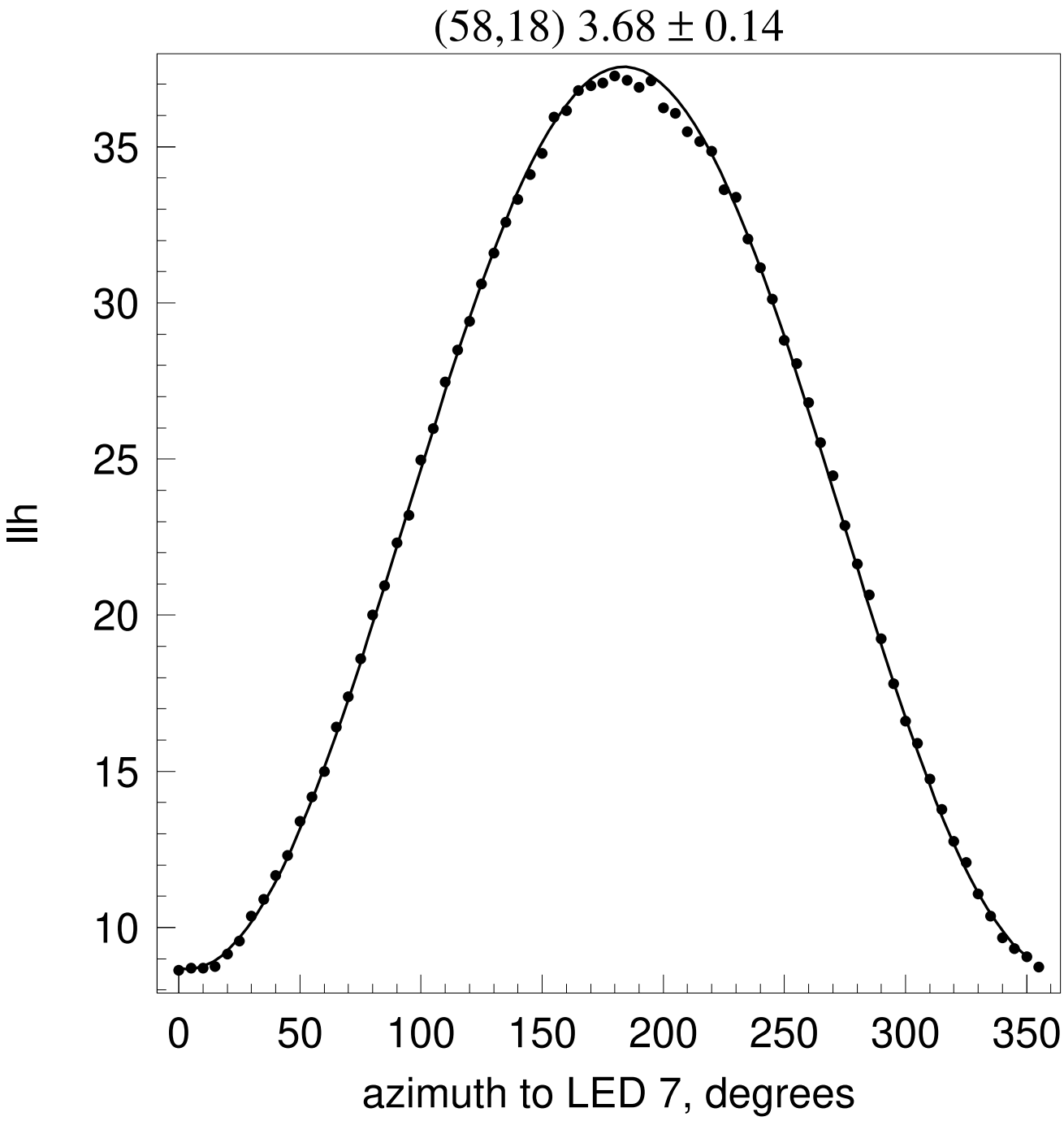

(58,13) 133.49 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

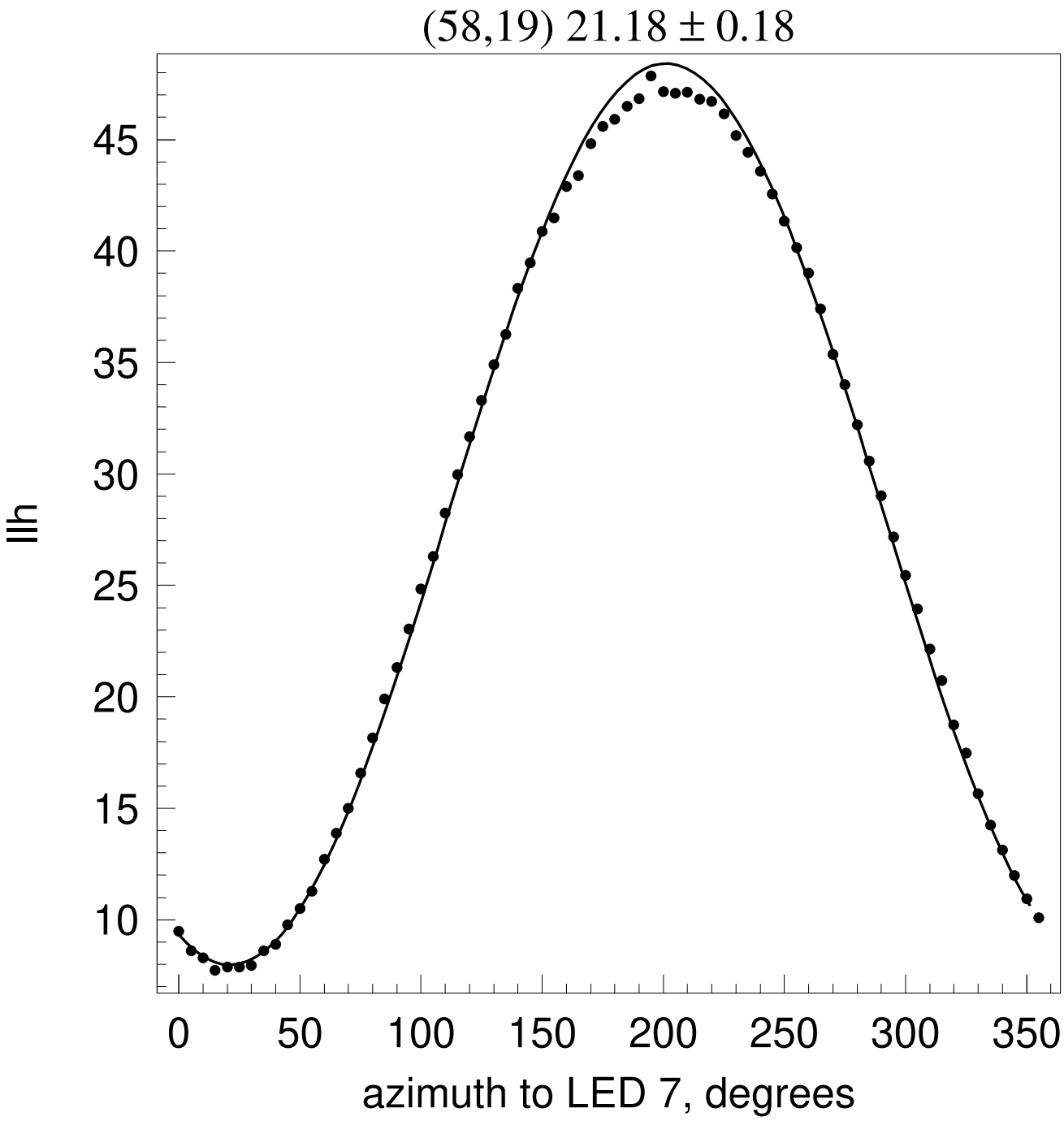

(58,14) 324.49 ± 0.30
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

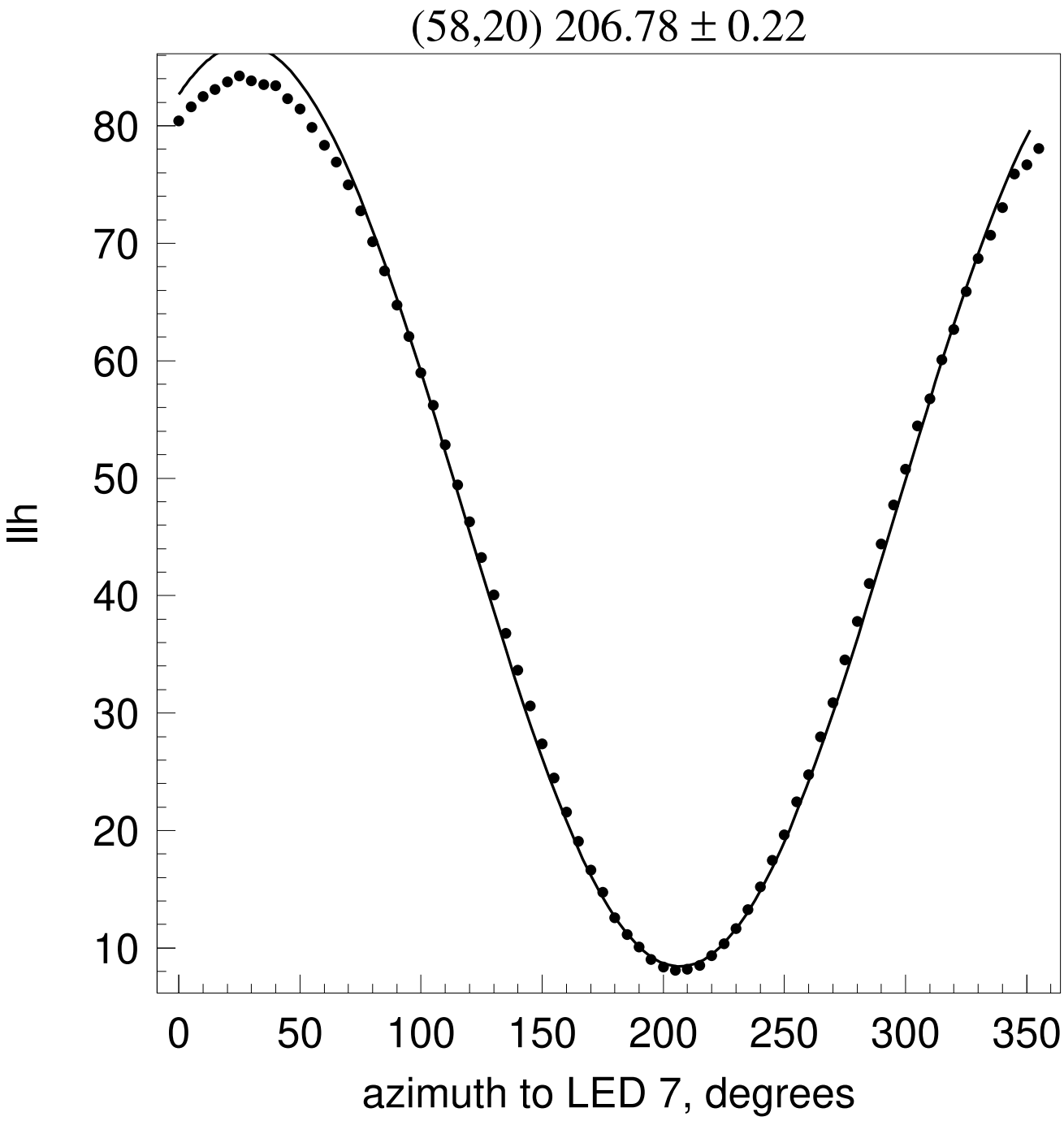

(58,15) 45.09 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

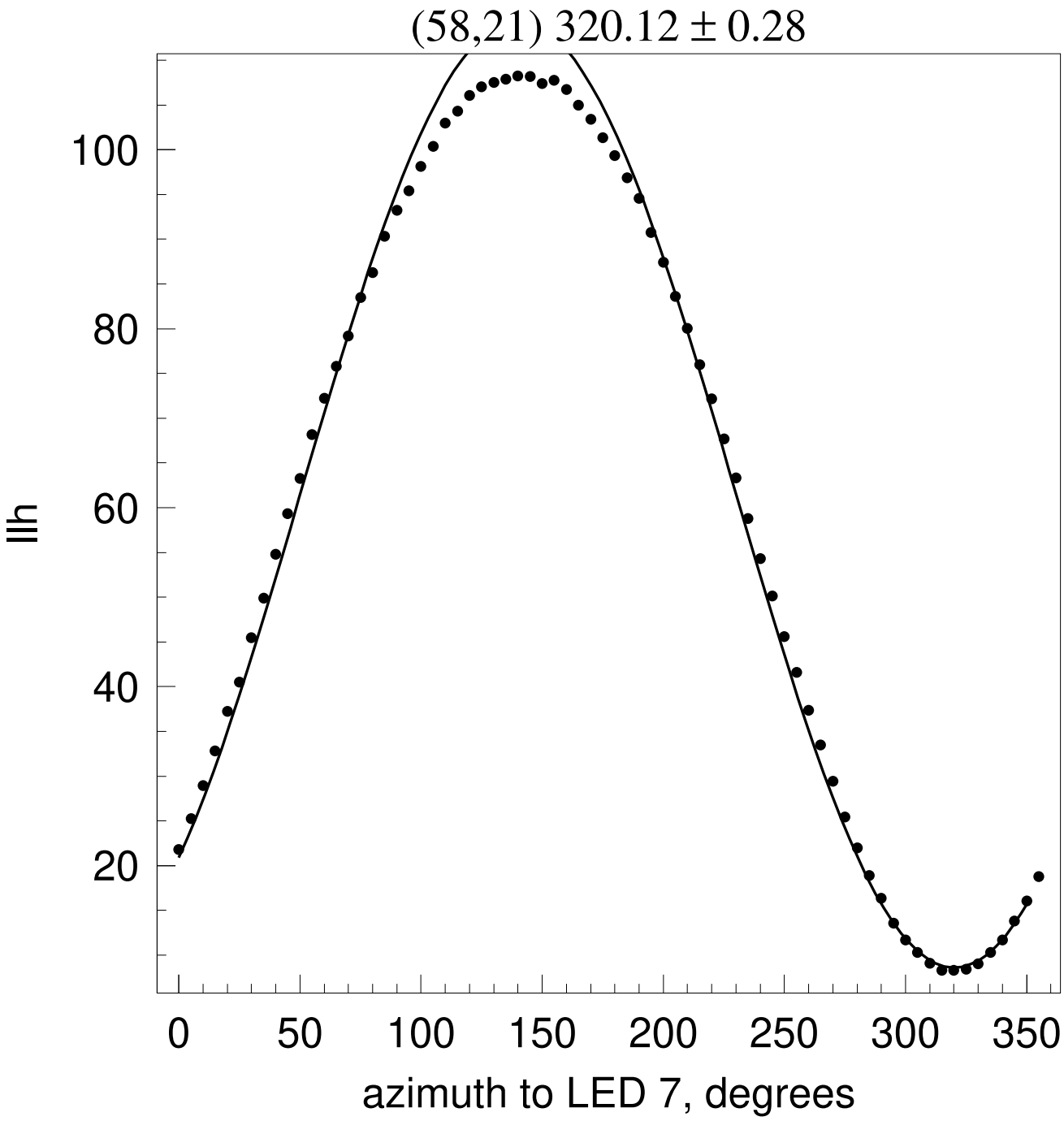

(58,16) 132.74 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

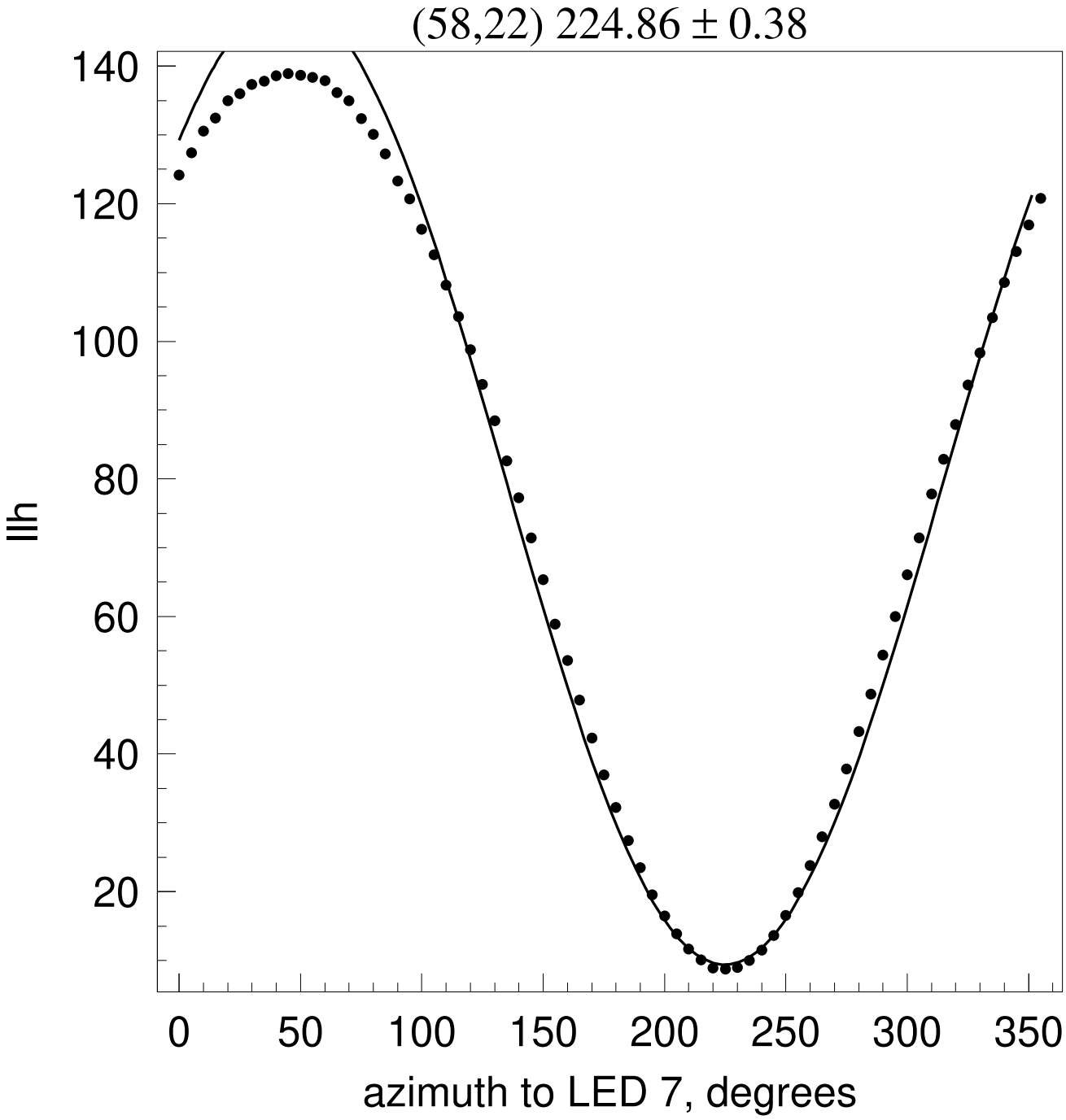

(58,17) 177.53 ± 0.11
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

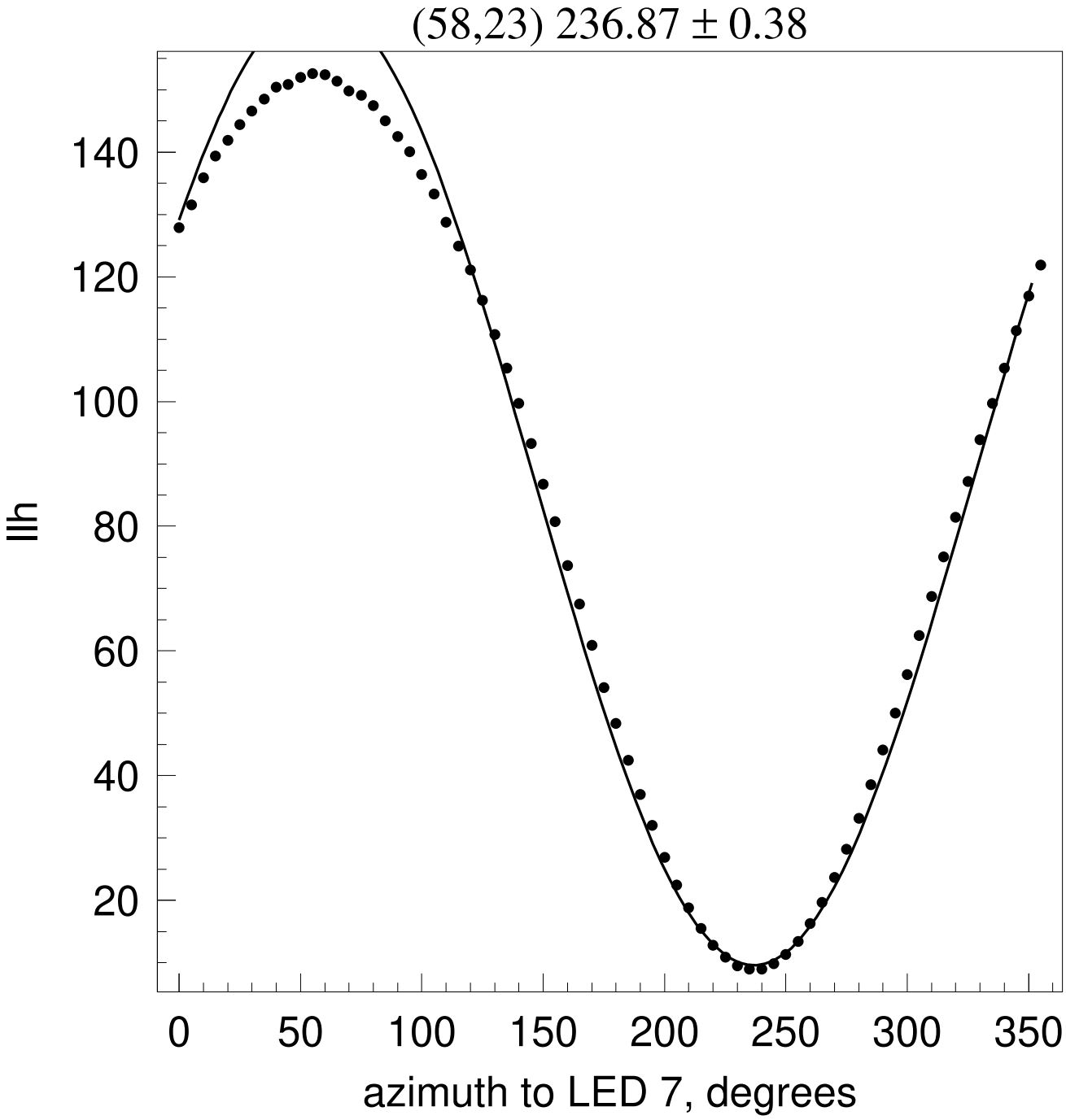

(58,18) 3.68 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

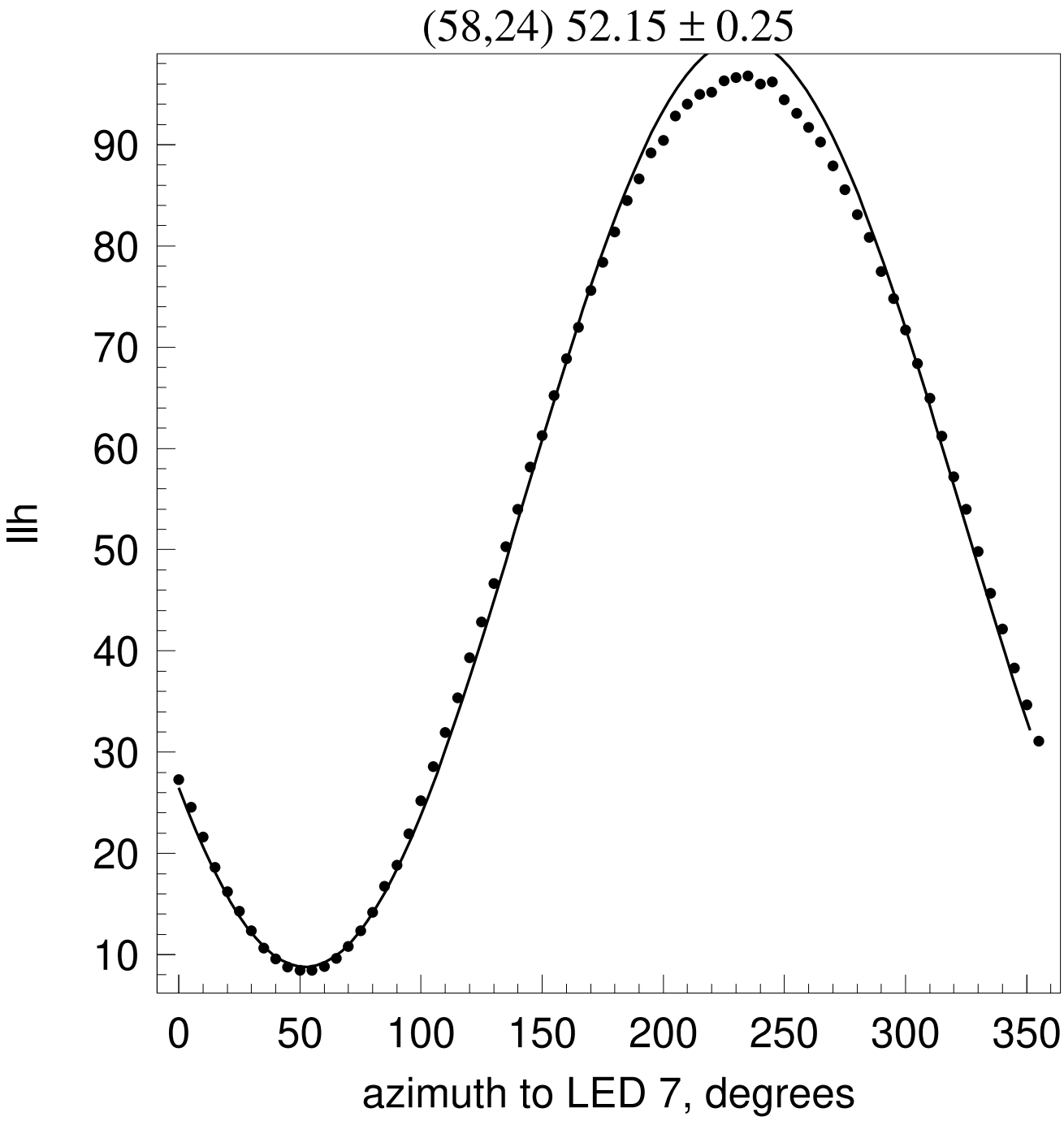

(58,19) 21.18 ± 0.18
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

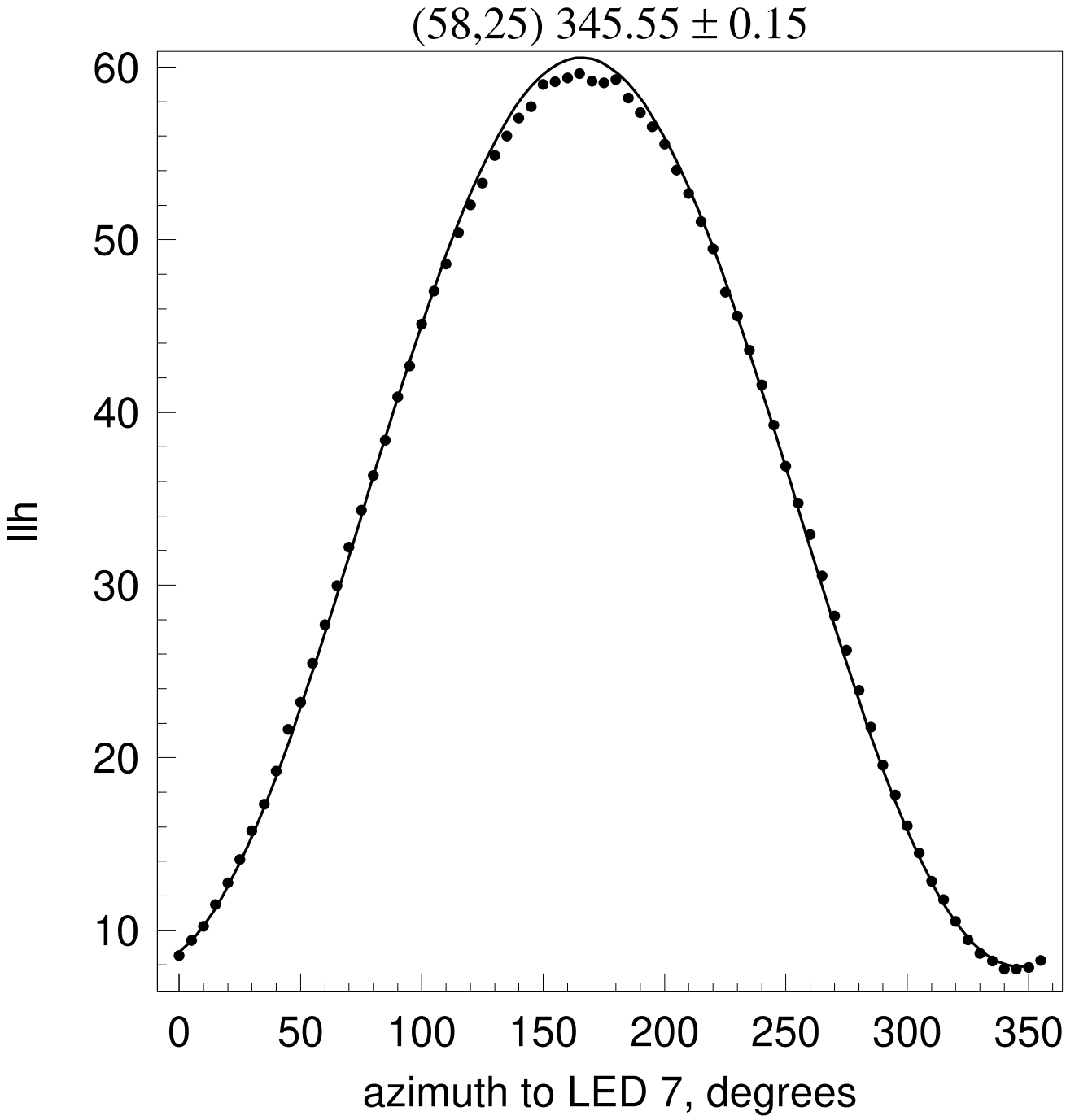

(58,20) 206.78 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

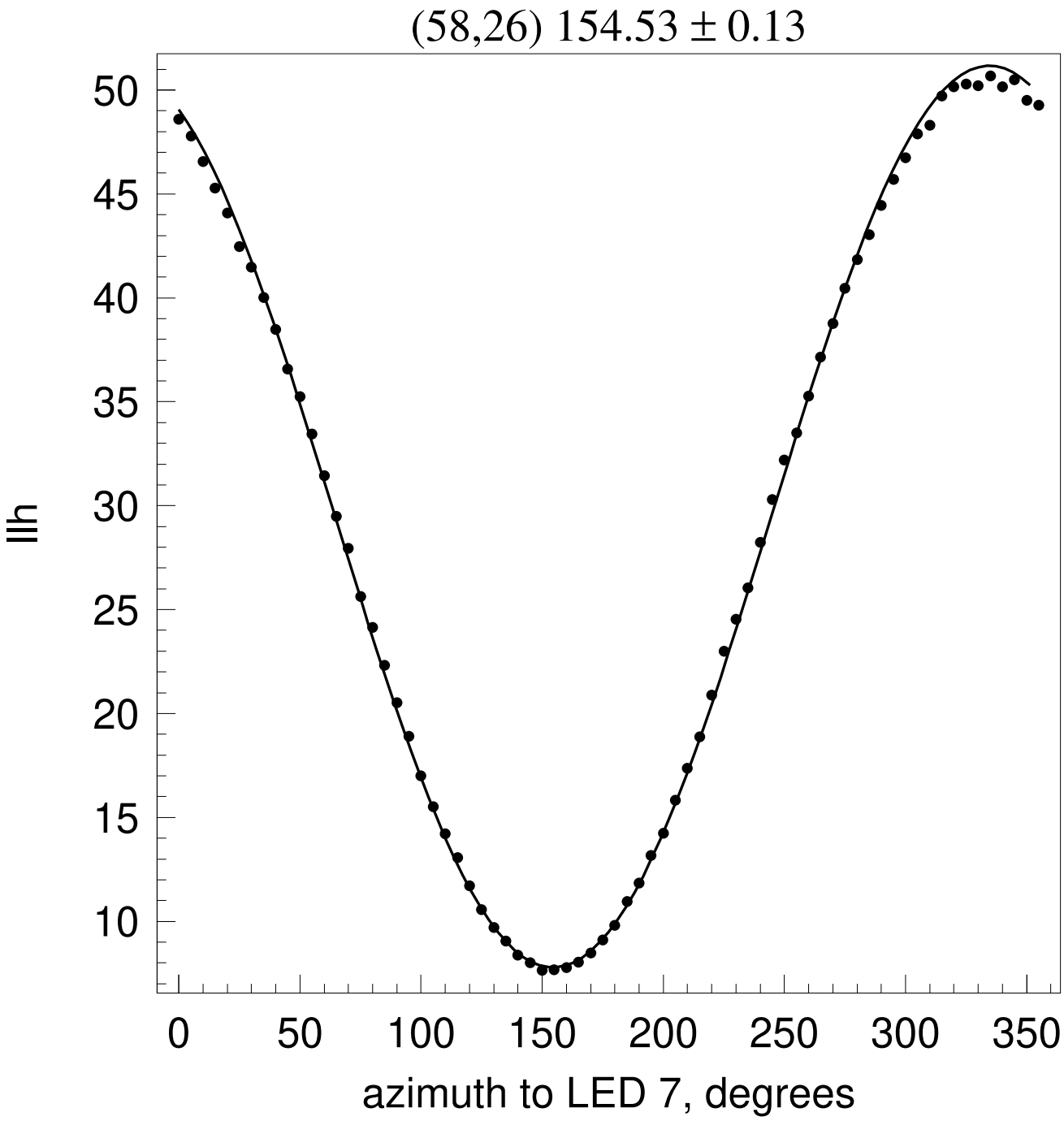

(58,21) 320.12 ± 0.28
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

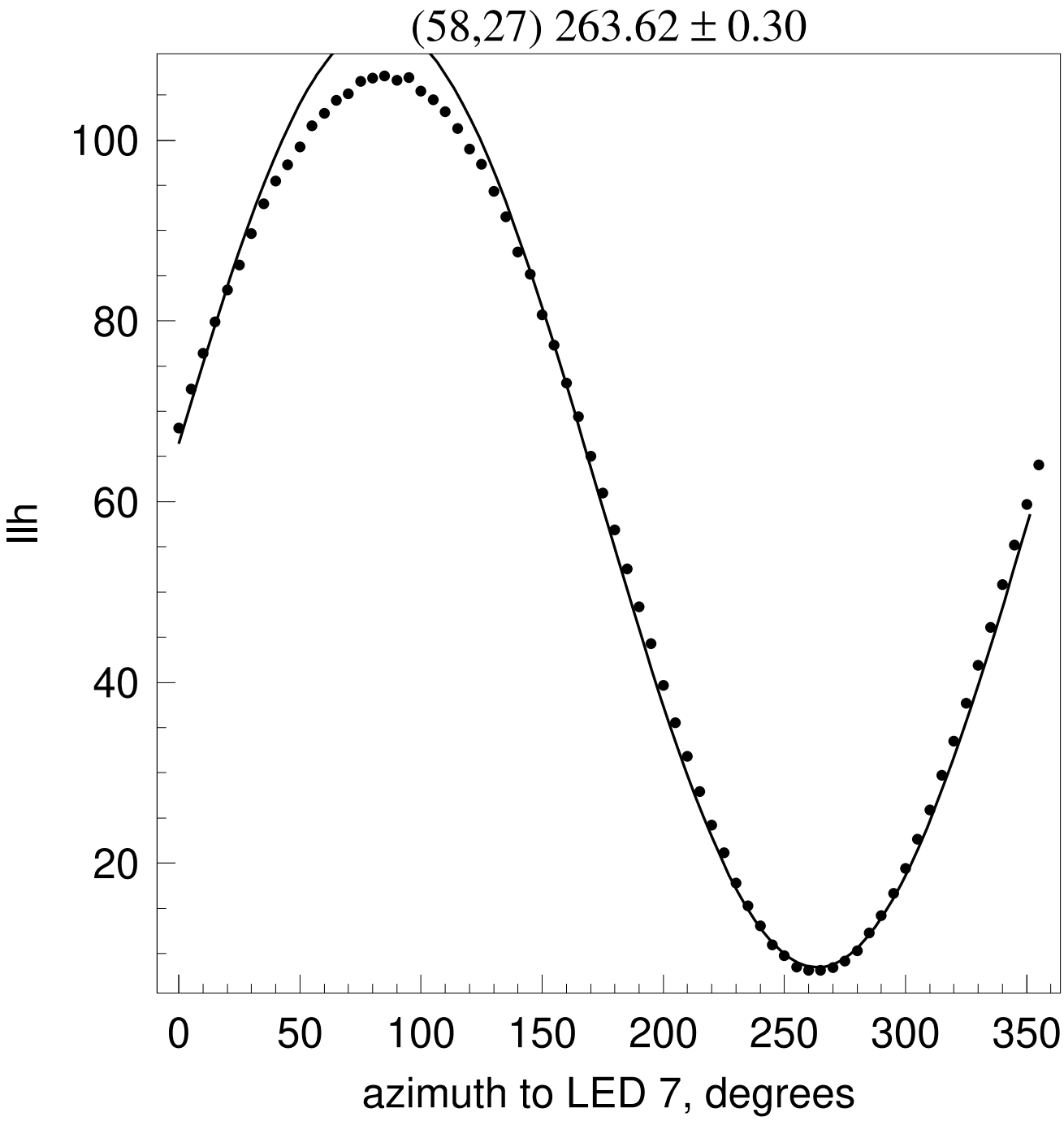

(58,22) 224.86 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

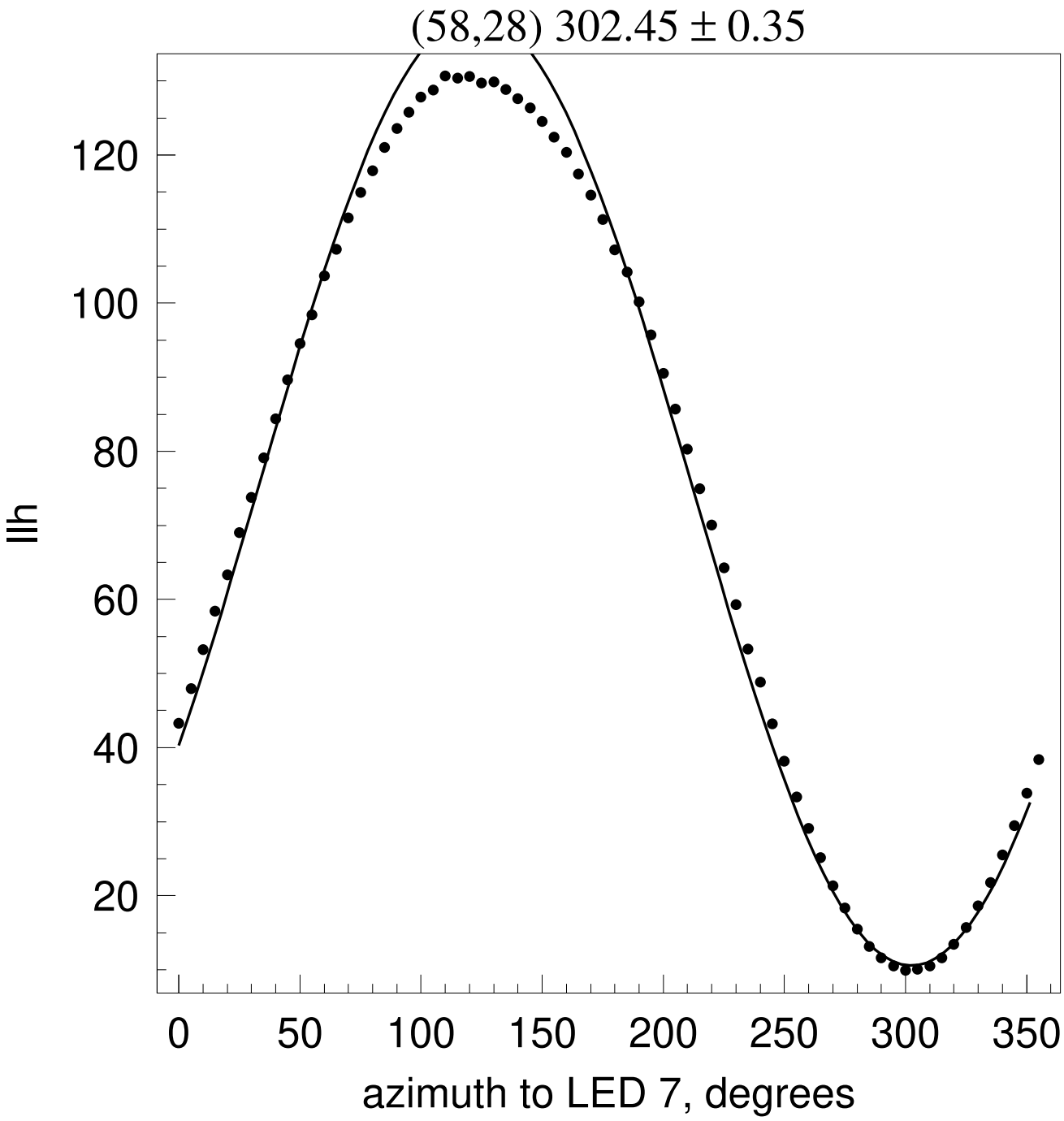

(58,23) 236.87 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

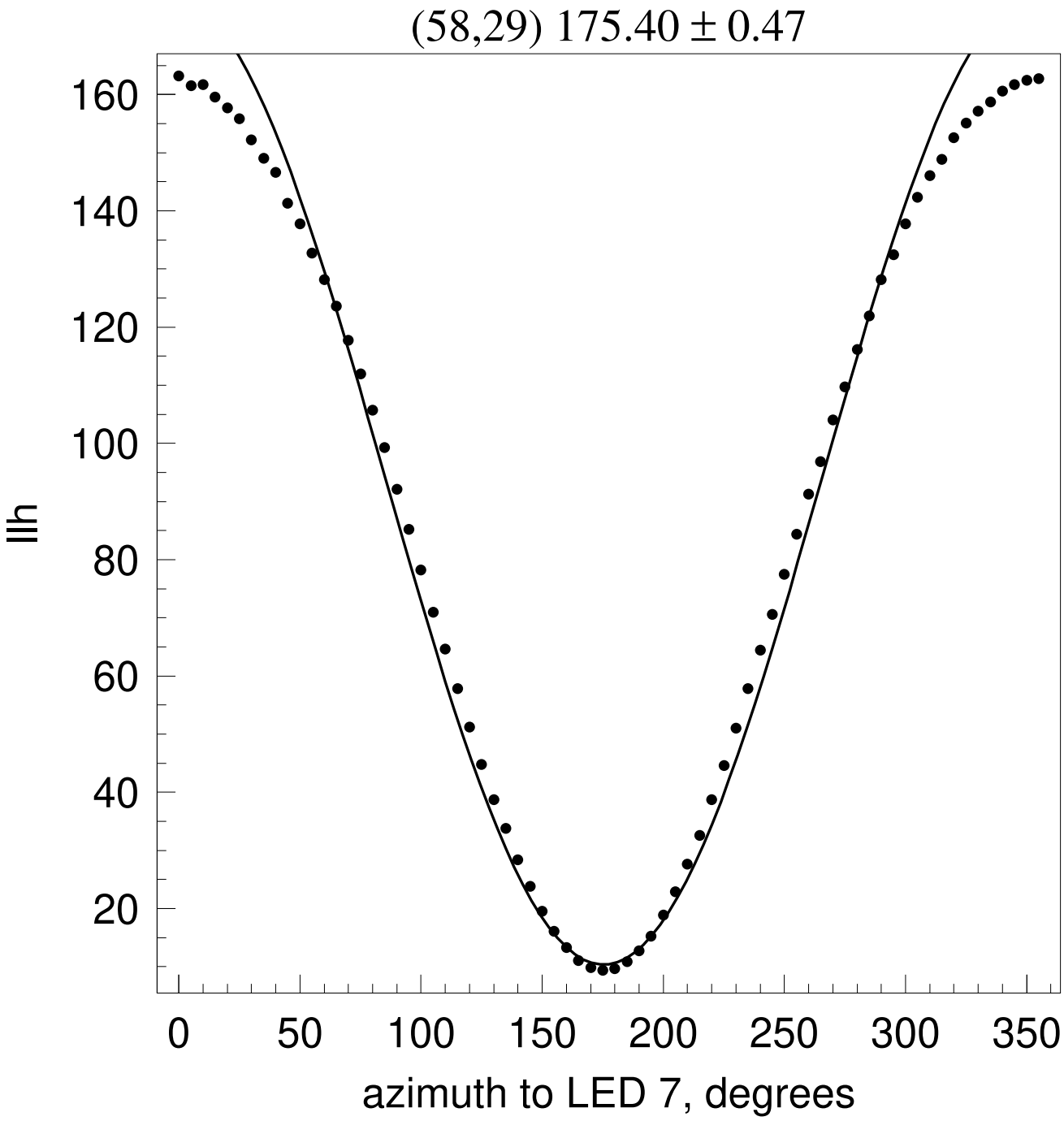

(58,24) 52.15 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

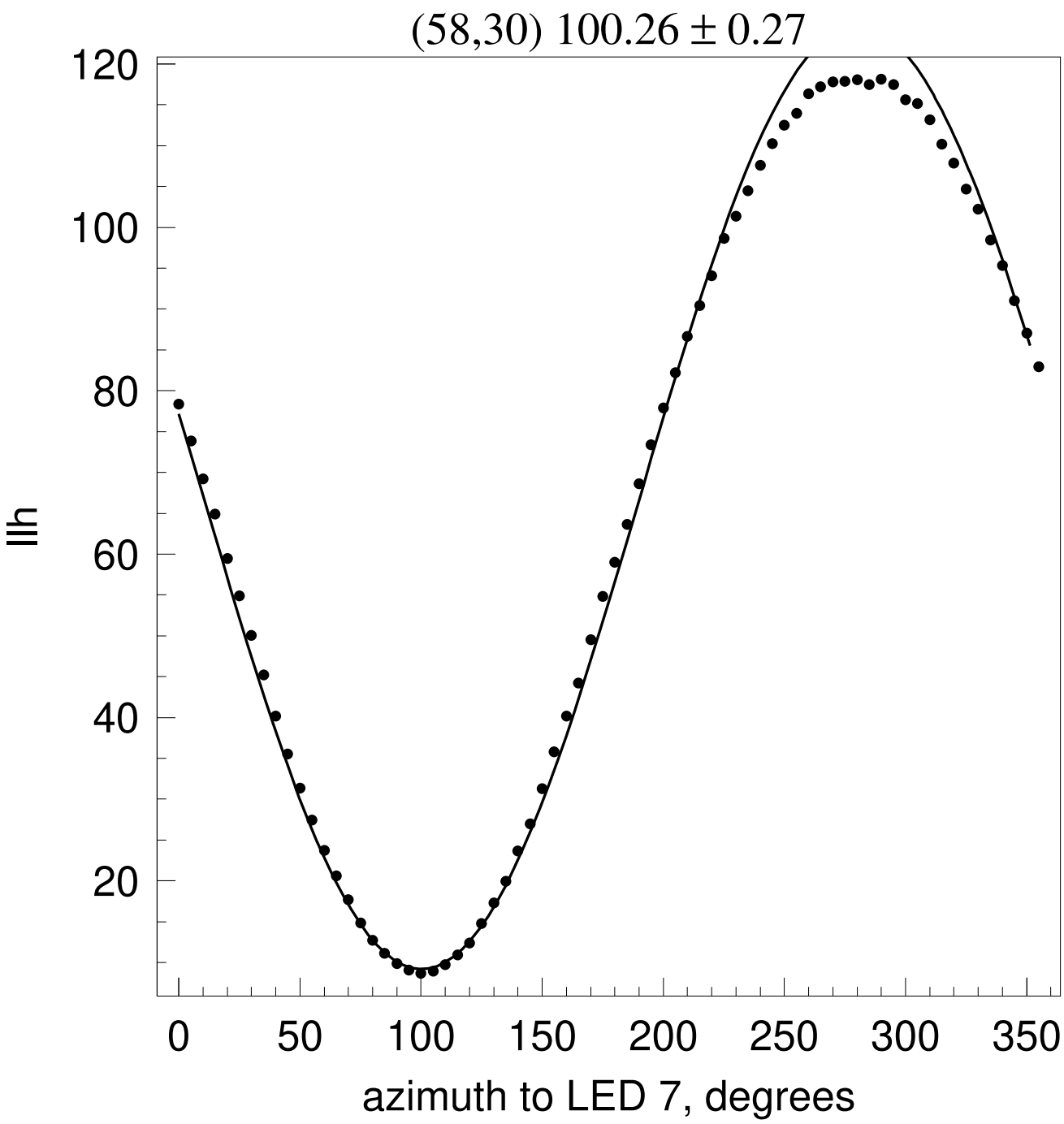

(58,25) 345.55 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

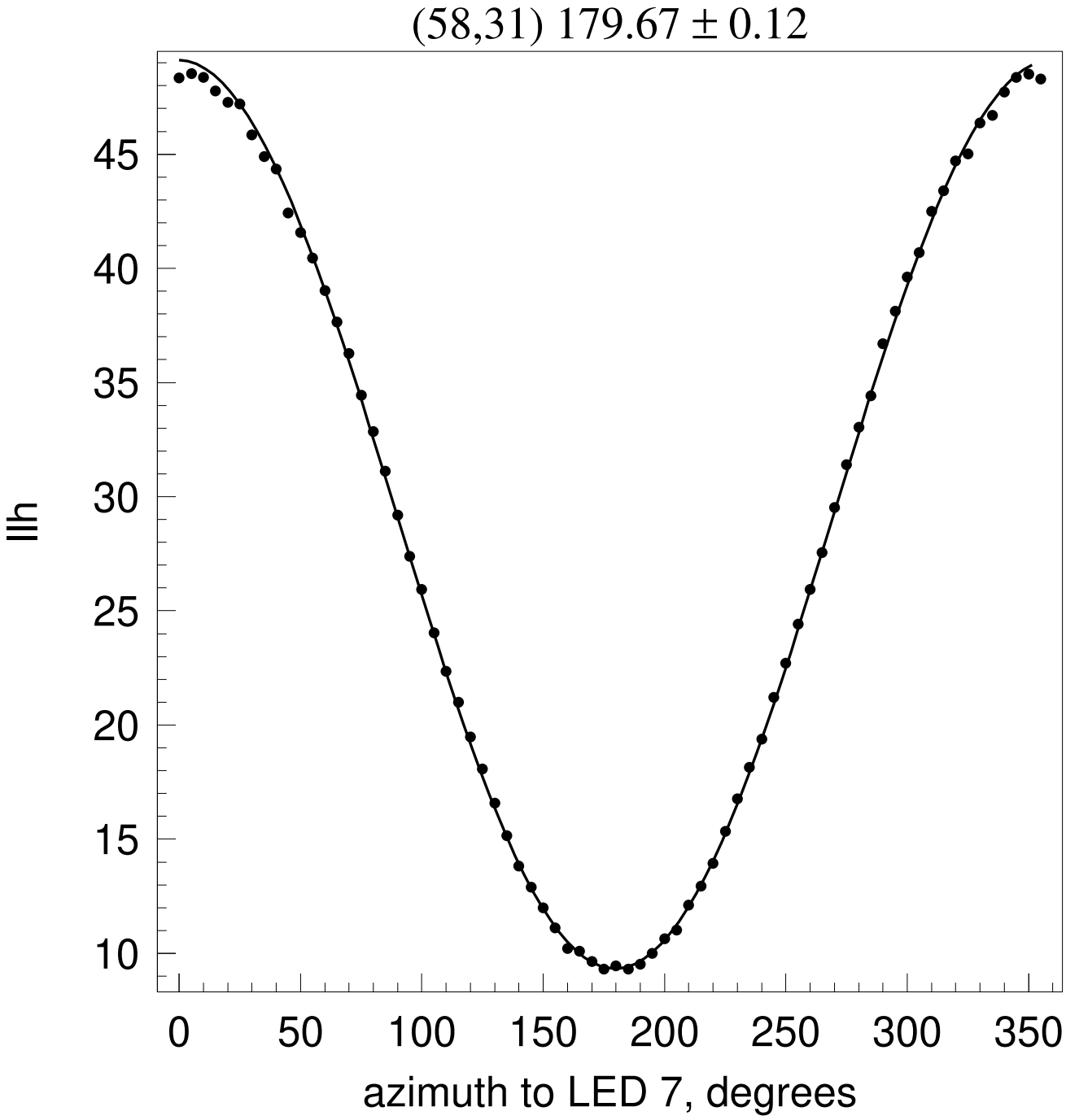

(58,26) 154.53 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

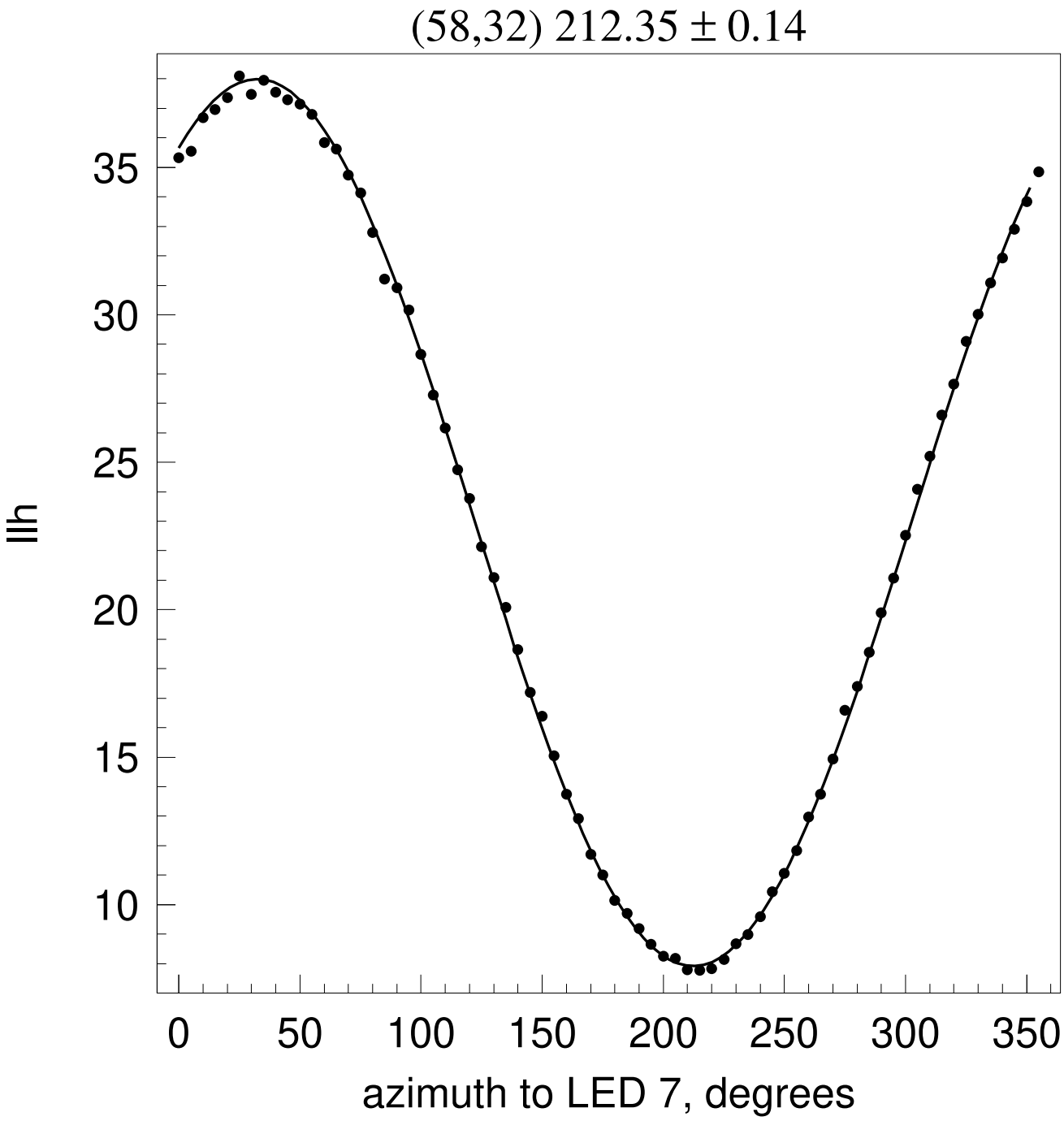

(58,27) 263.62 ± 0.30
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

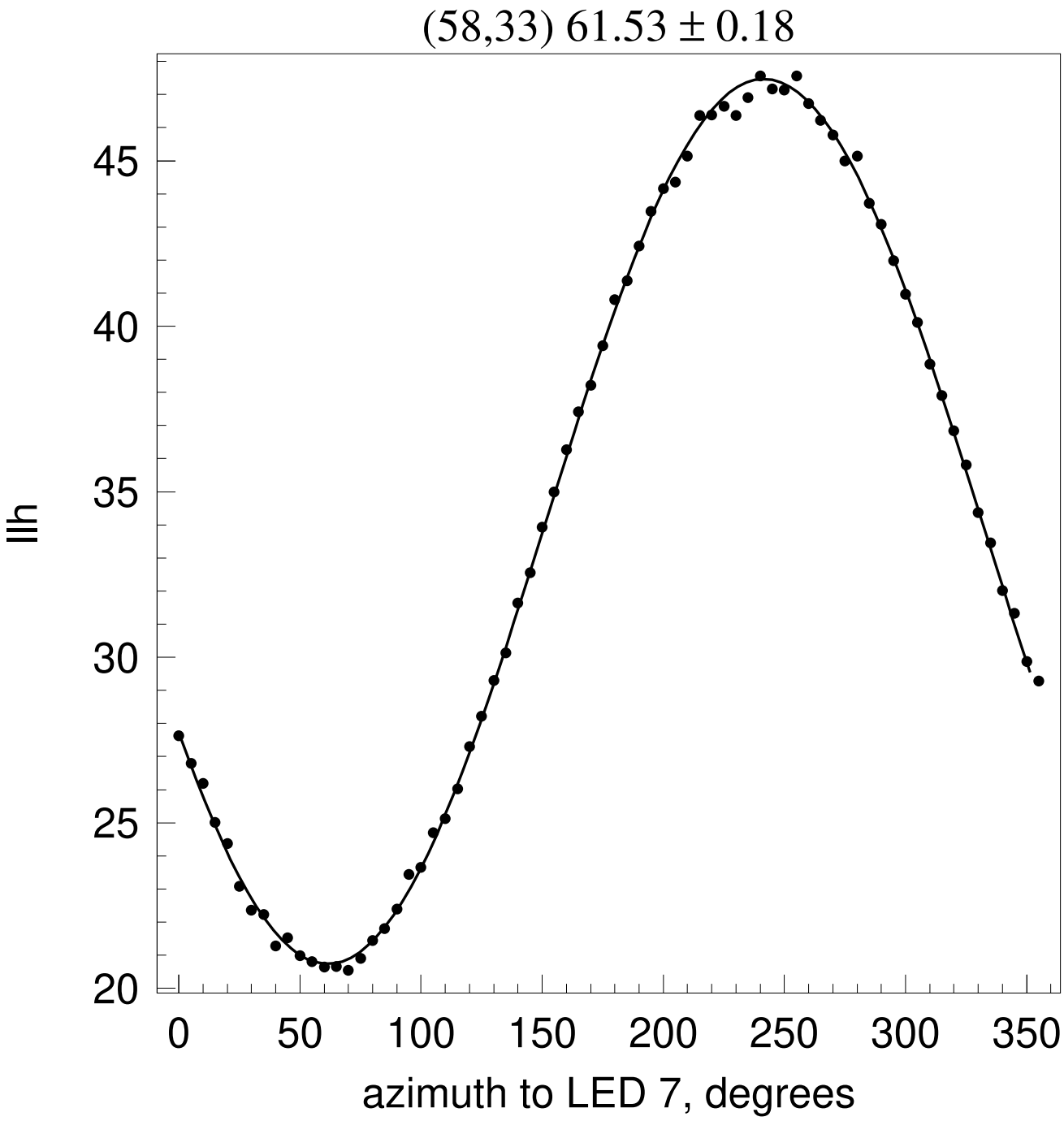

(58,28) 302.45 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

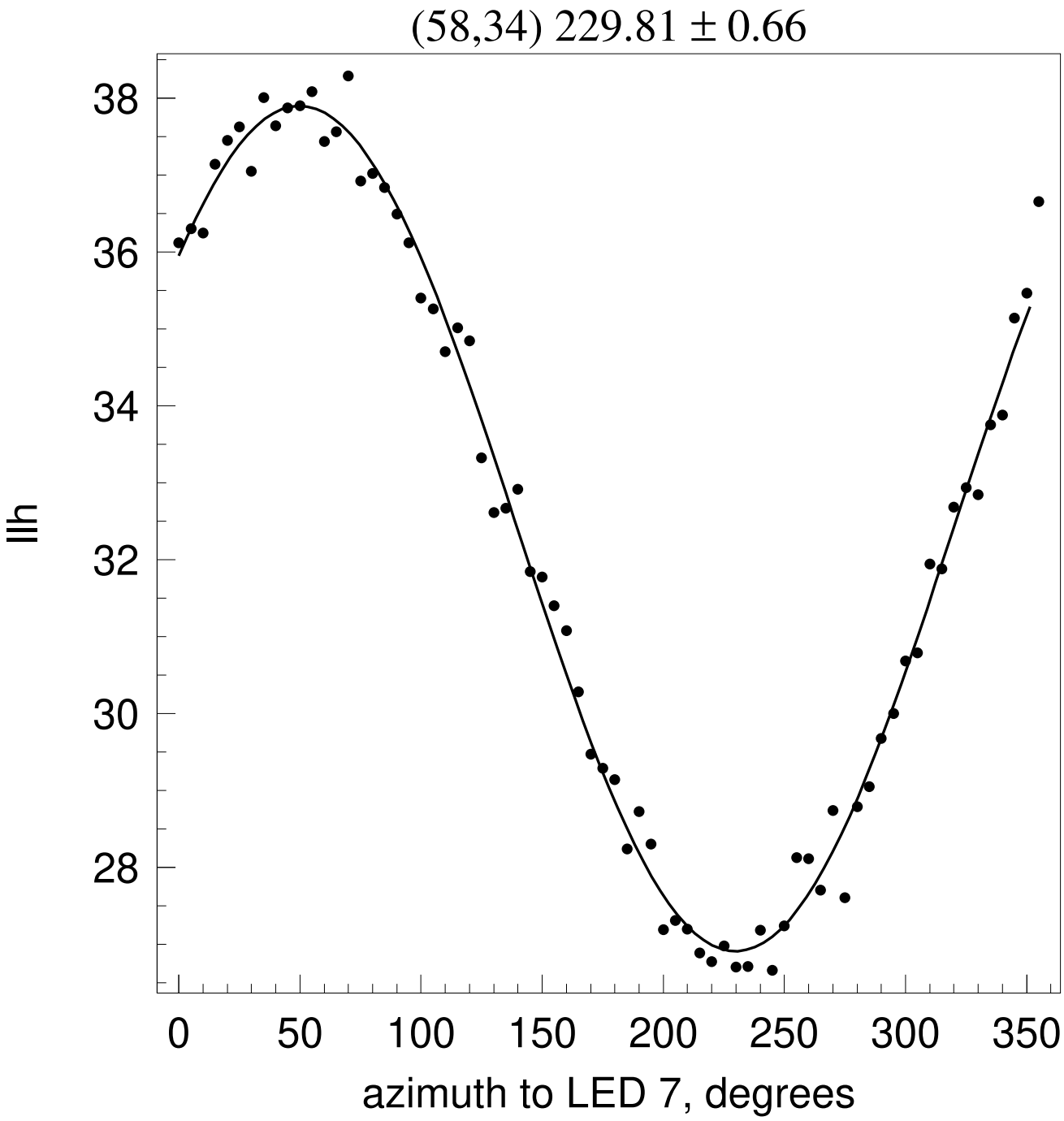

(58,29) 175.40 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

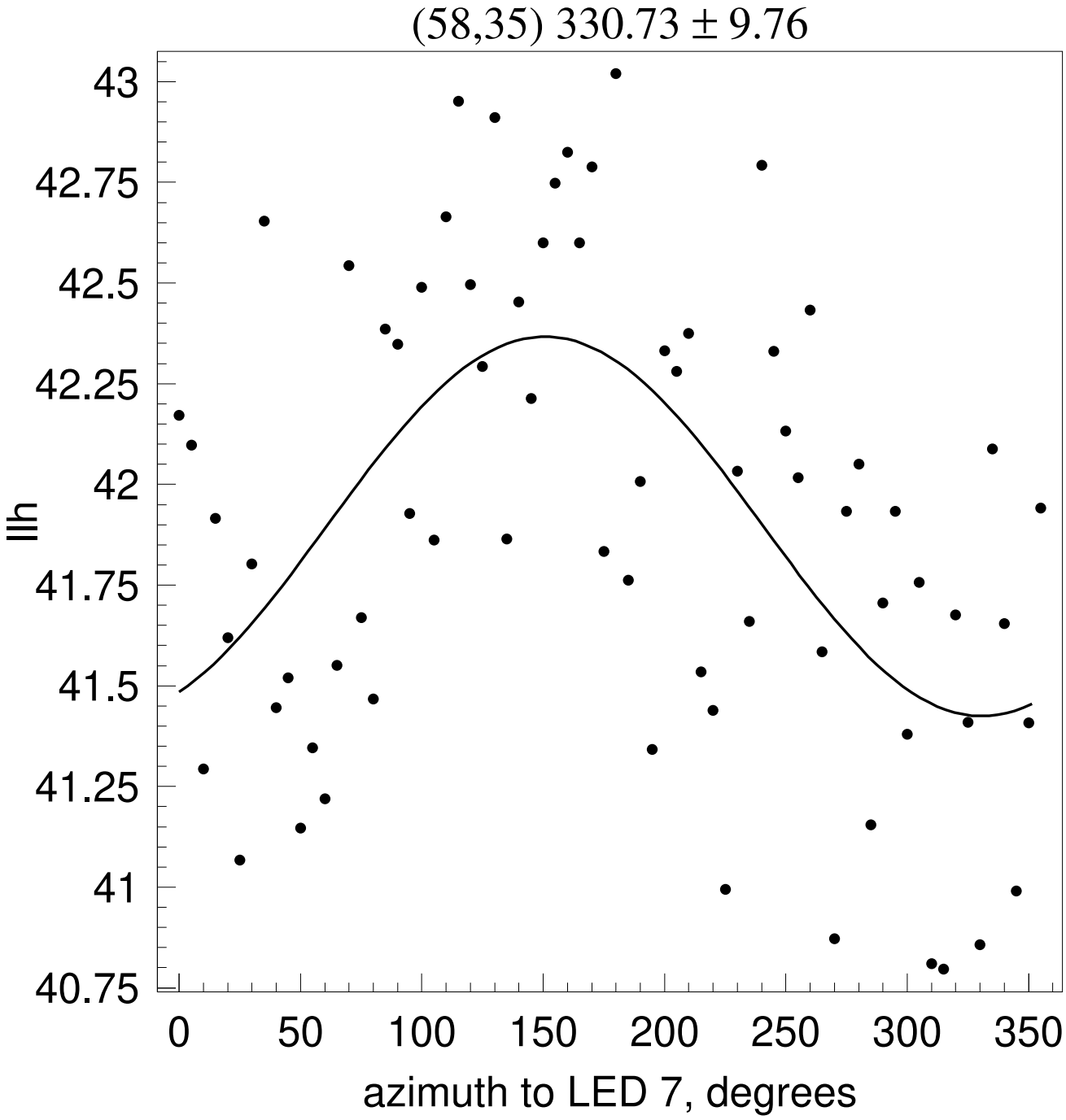

(58,30) 100.26 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

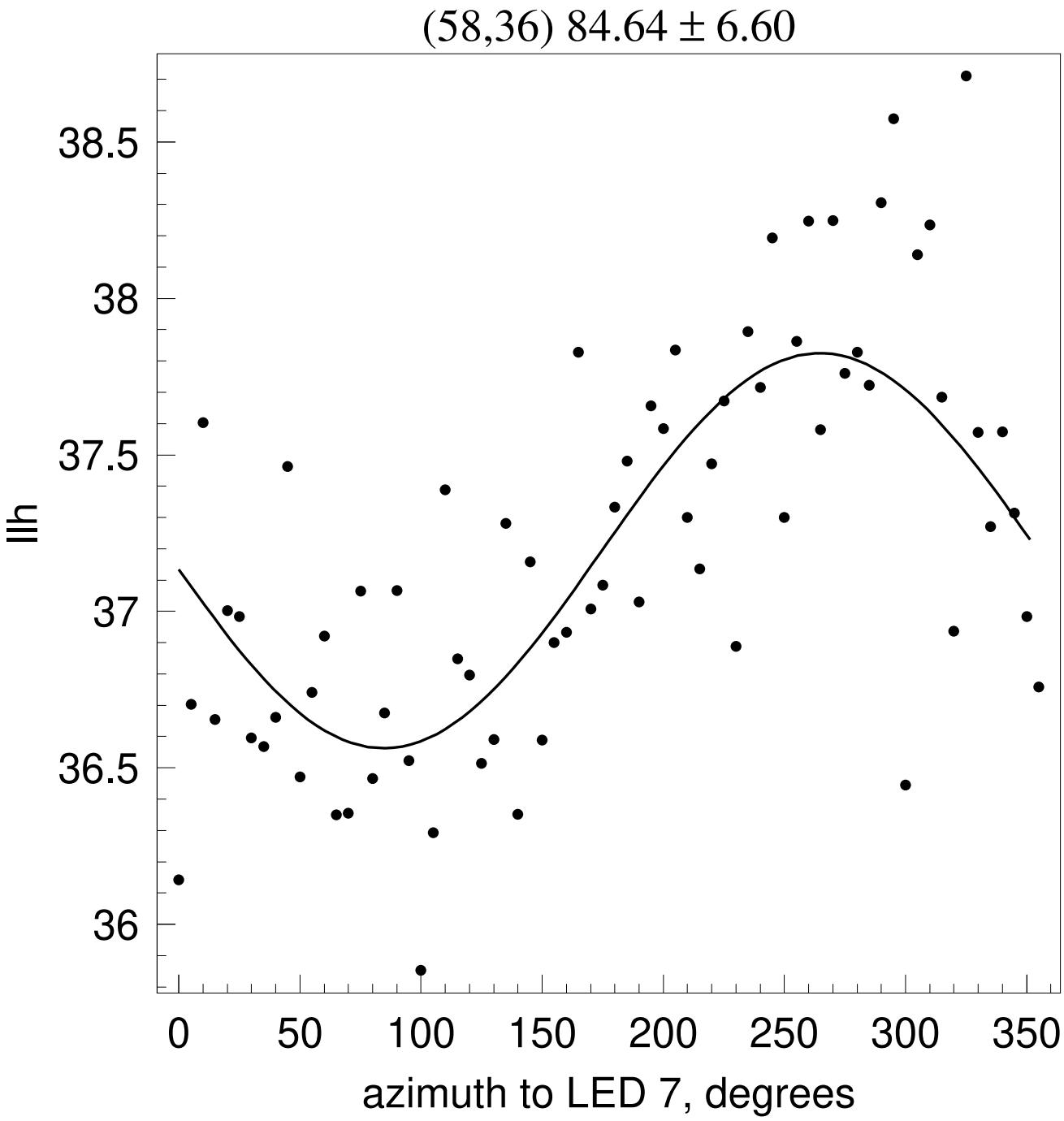

(58,31) 179.67 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

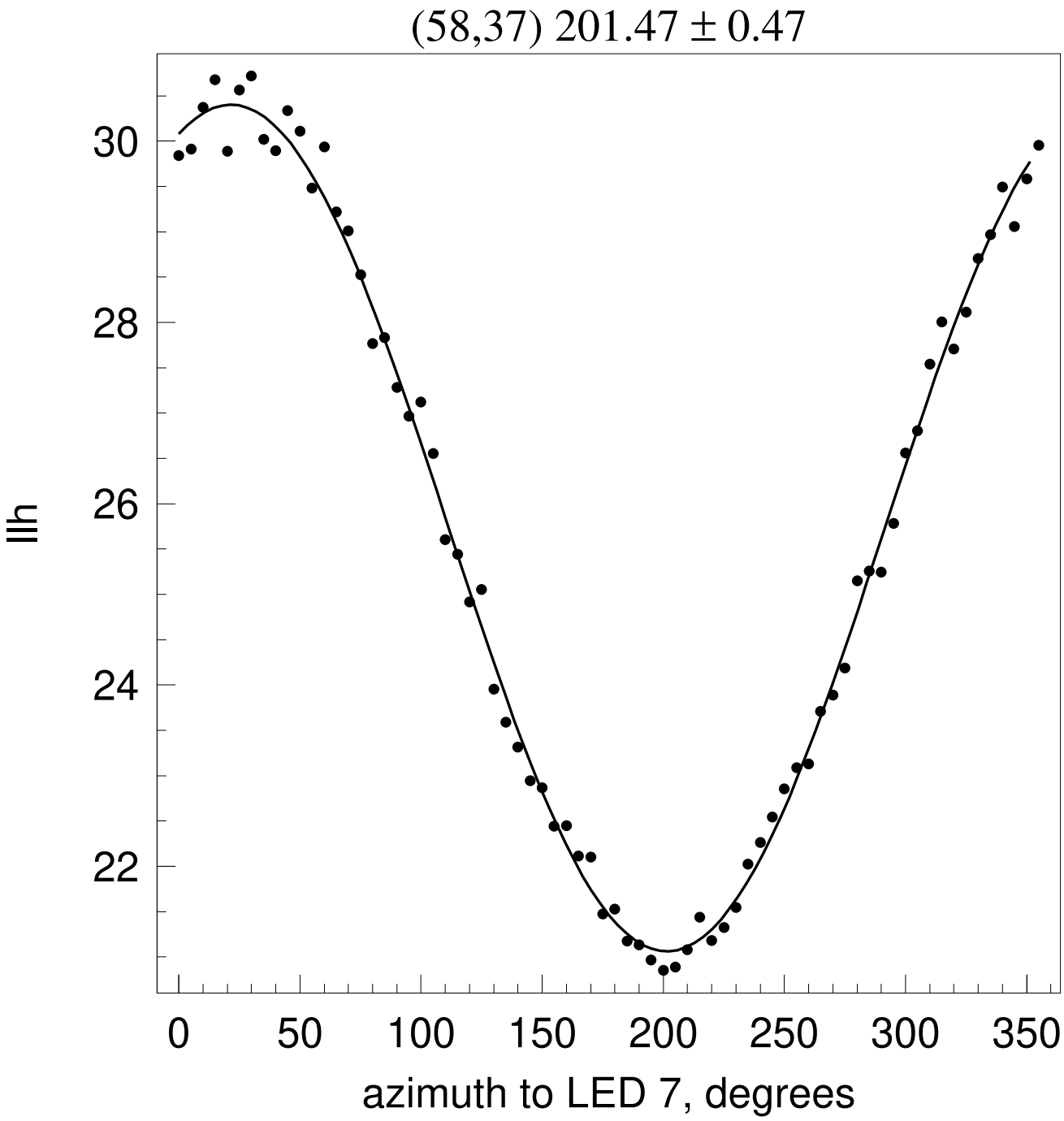

(58,32) 212.35 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

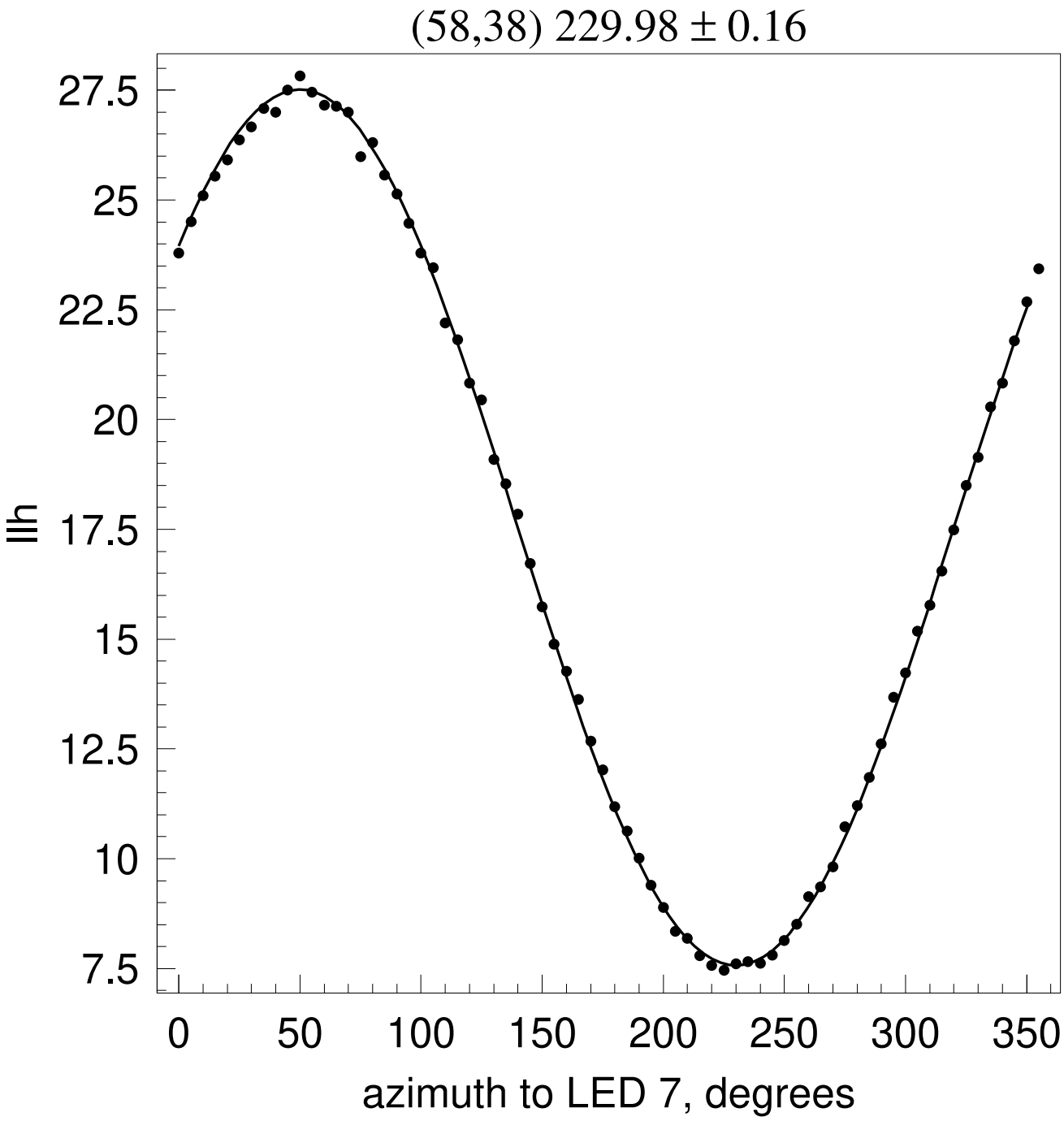

(58,33) 61.53 ± 0.18
45
40
35
30
25
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

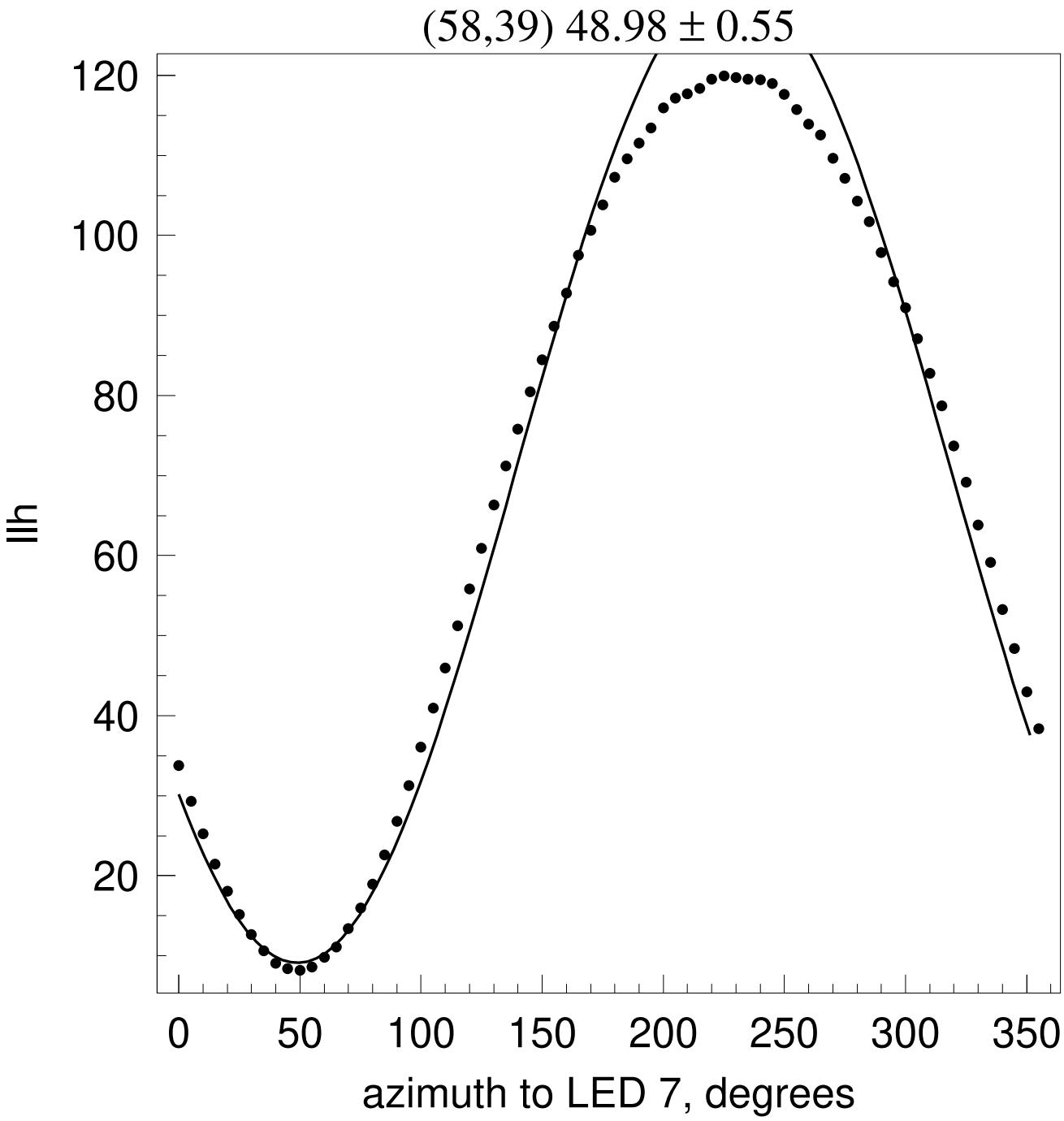

(58,34) 229.81 ± 0.66
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

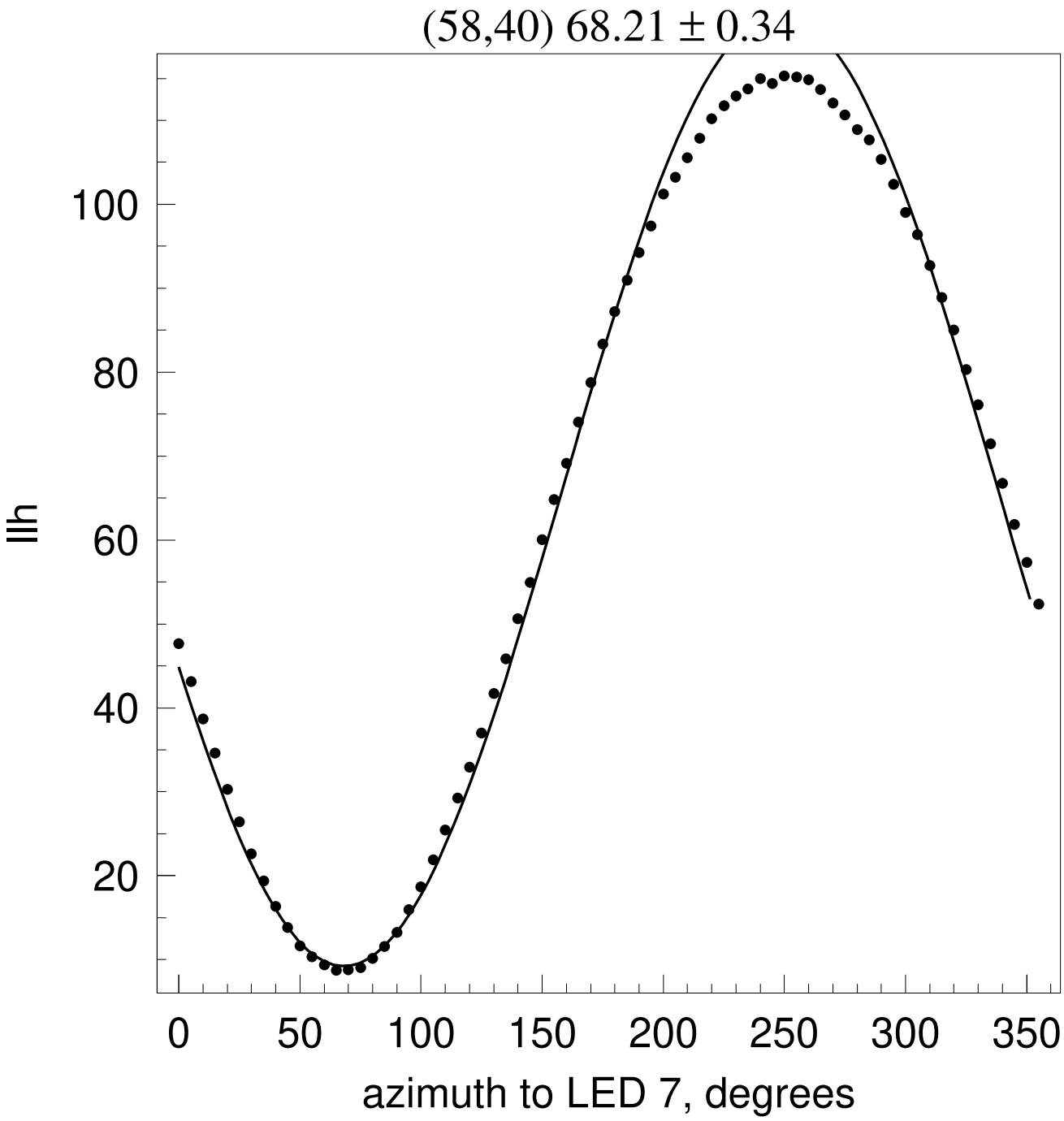

(58,35) 330.73 ± 9.76
43
42.75
42.5
42.25
42
41.75
41.5
41.25
41
40.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

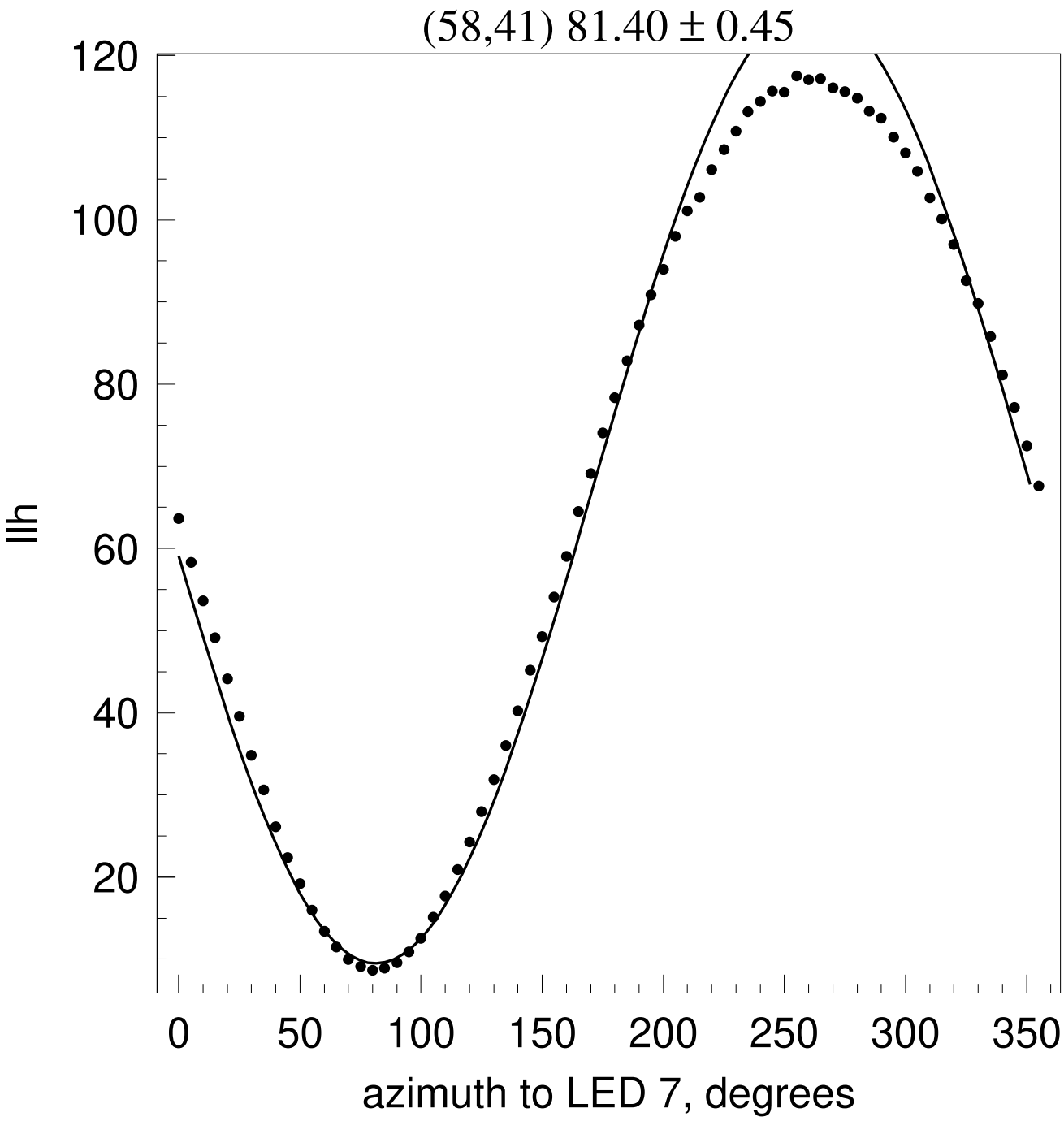

(58,36) 84.64 ± 6.60
38.5
38
37.5
37
36.5
36
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

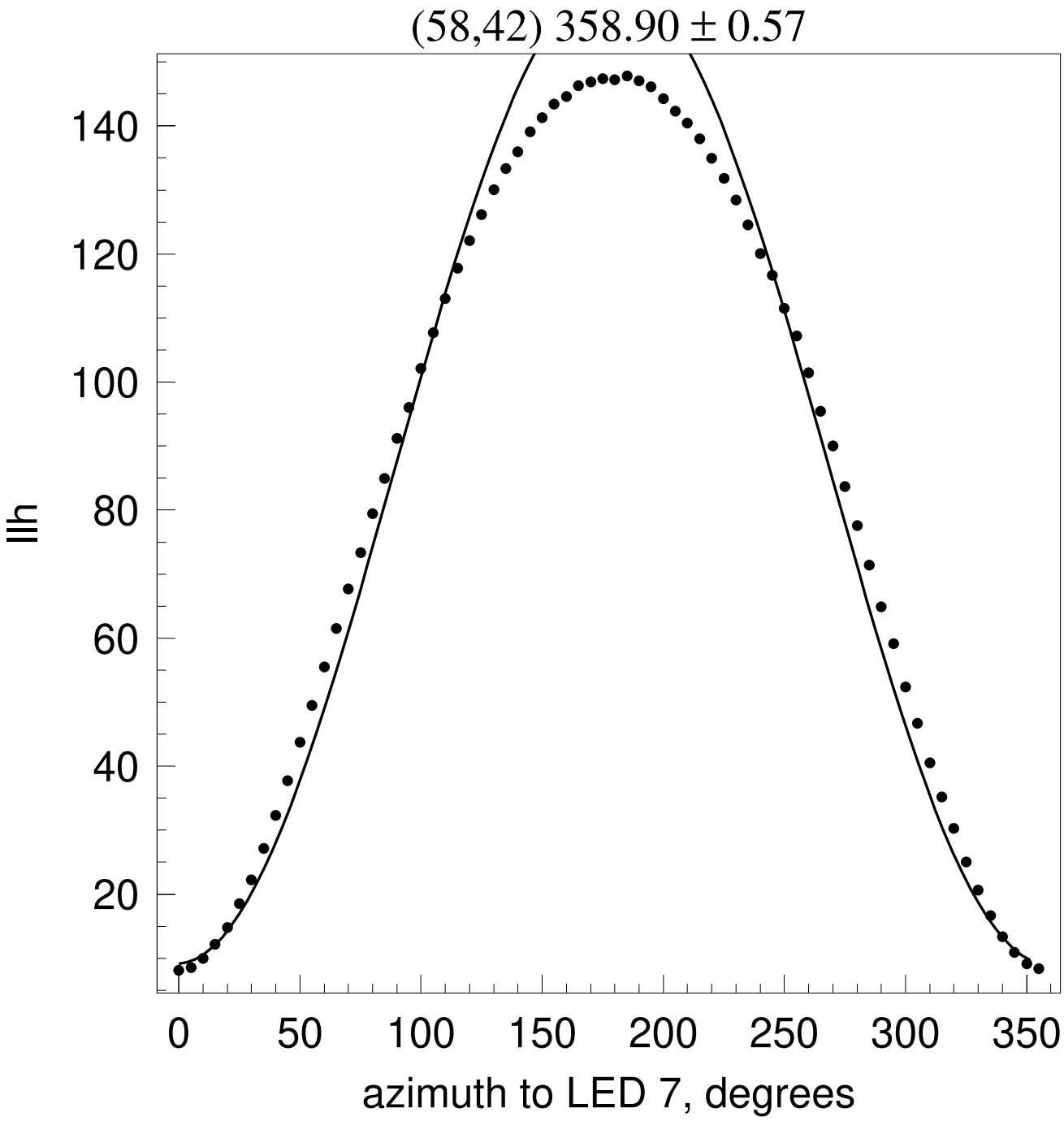

(58,37) 201.47 ± 0.47
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

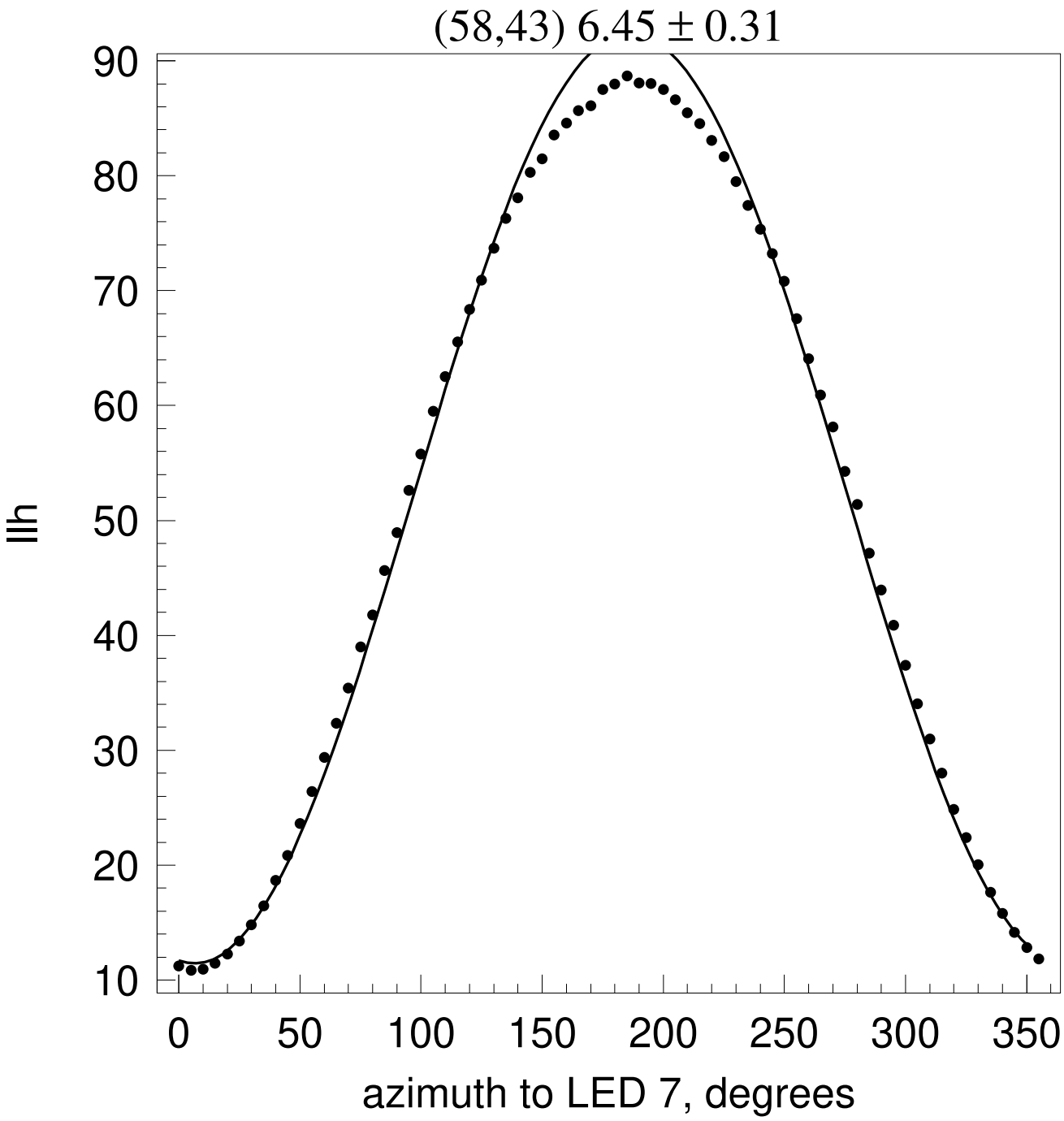

(58,38) 229.98 ± 0.16
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

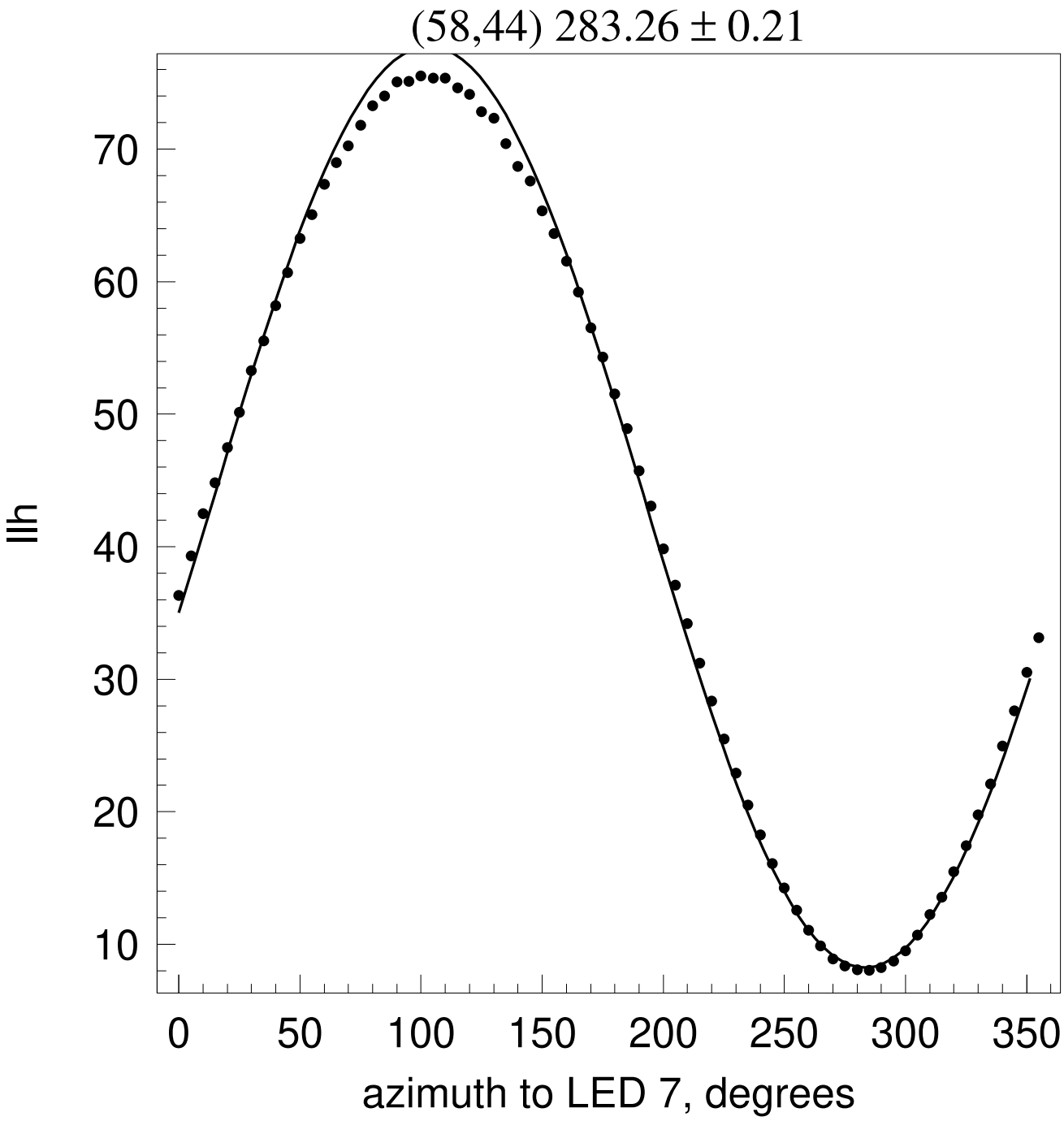

(58,39) 48.98 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

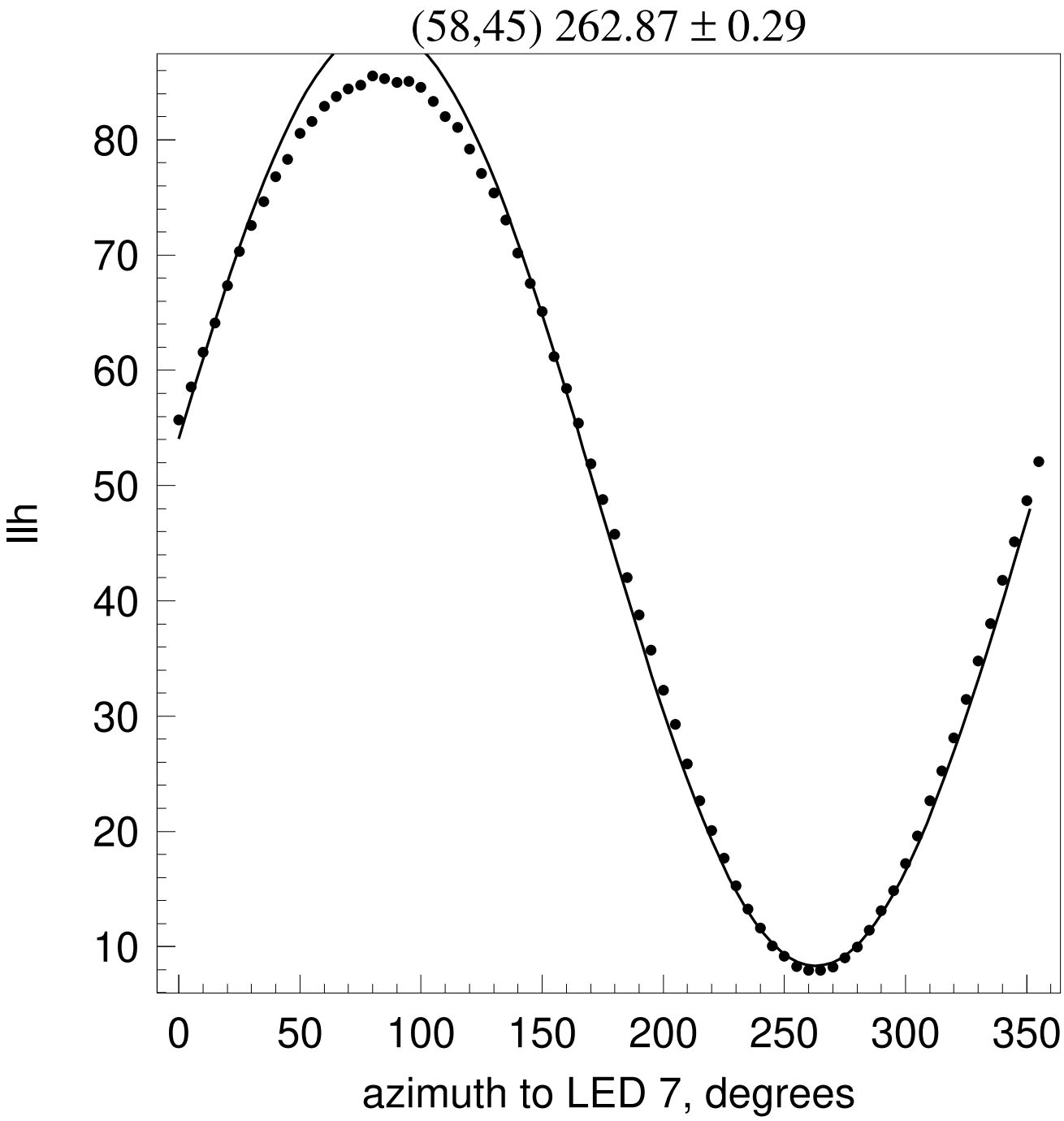

(58,40) 68.21 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

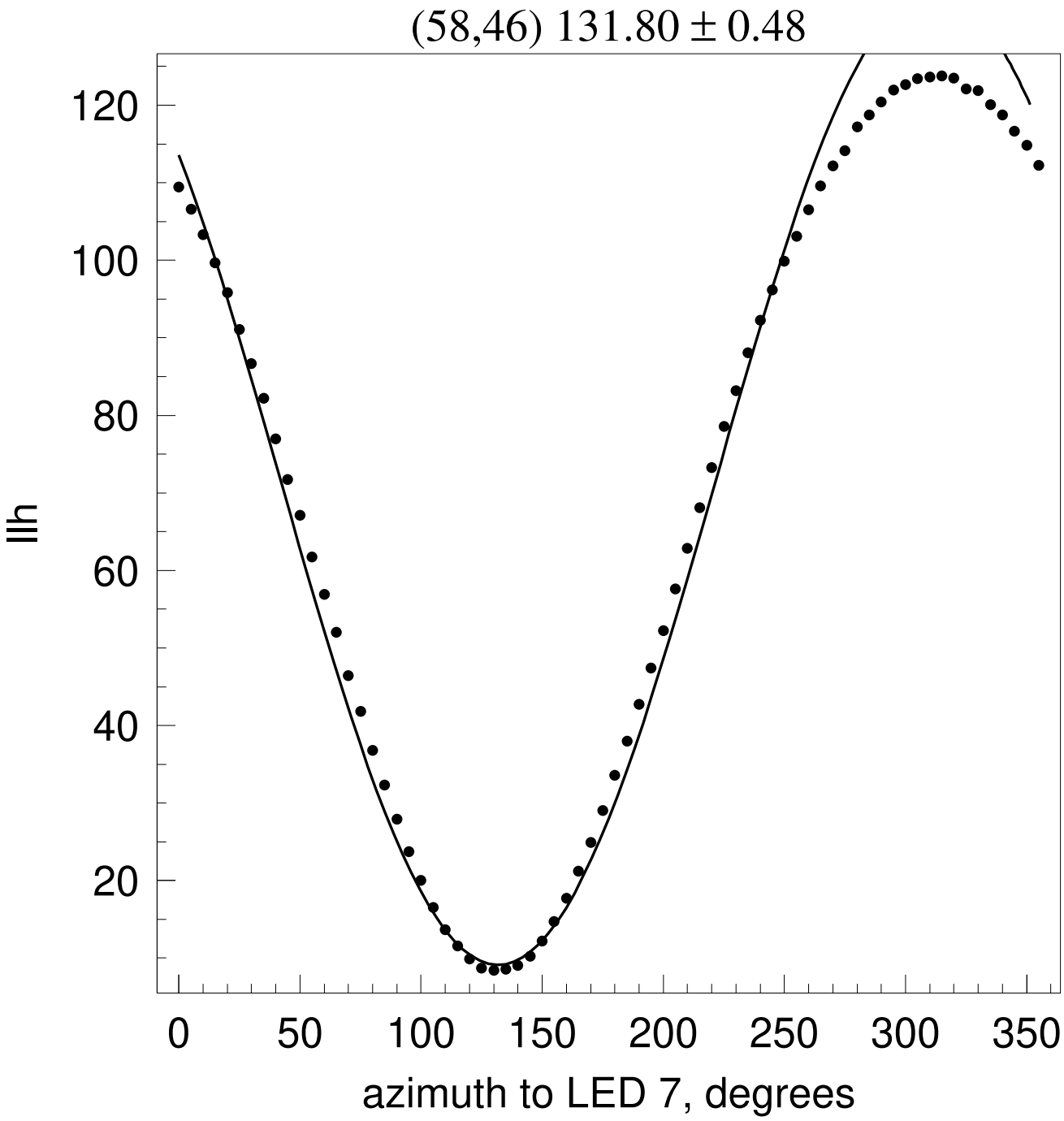

(58,41) 81.40 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

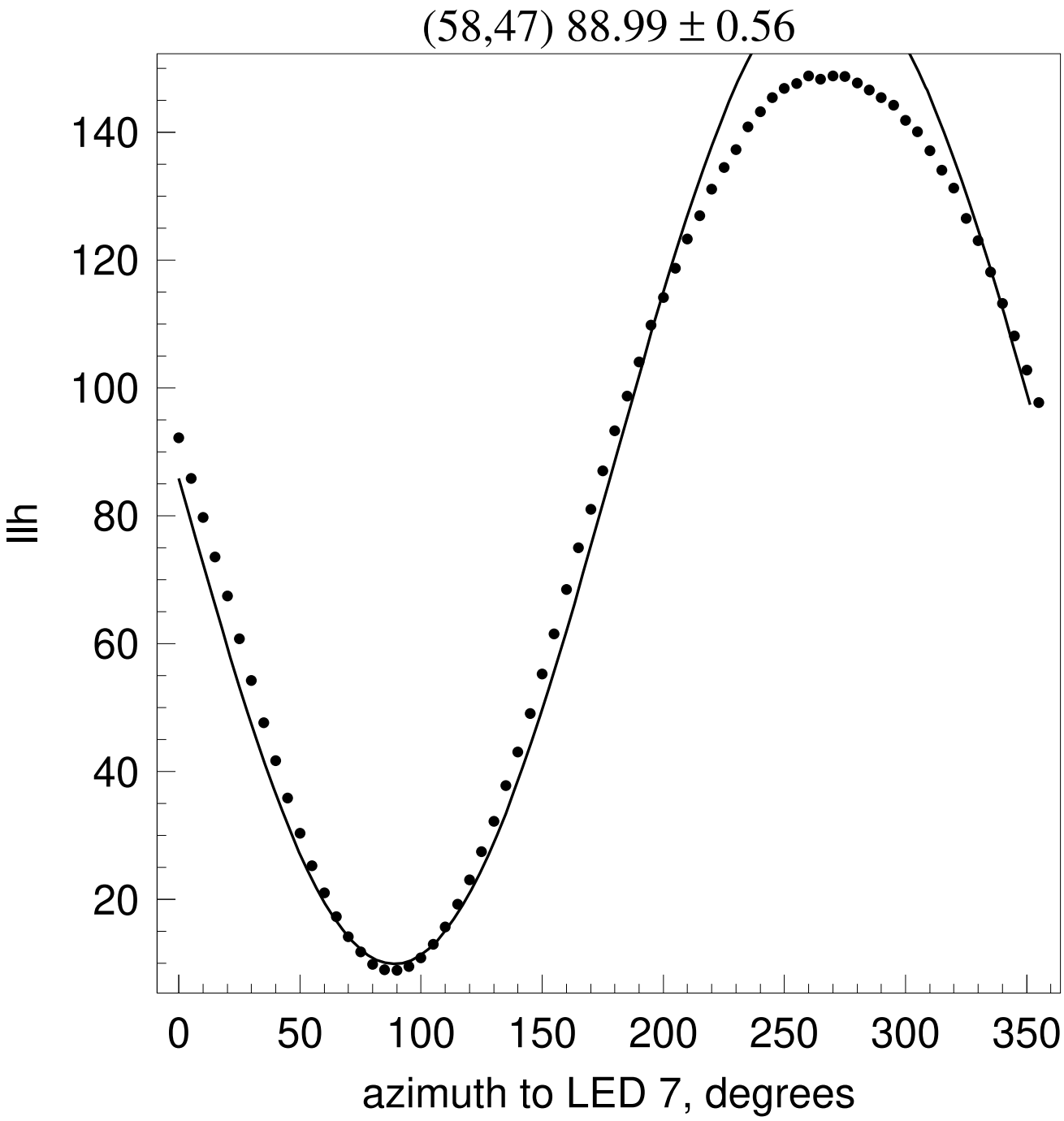

(58,42) 358.90 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

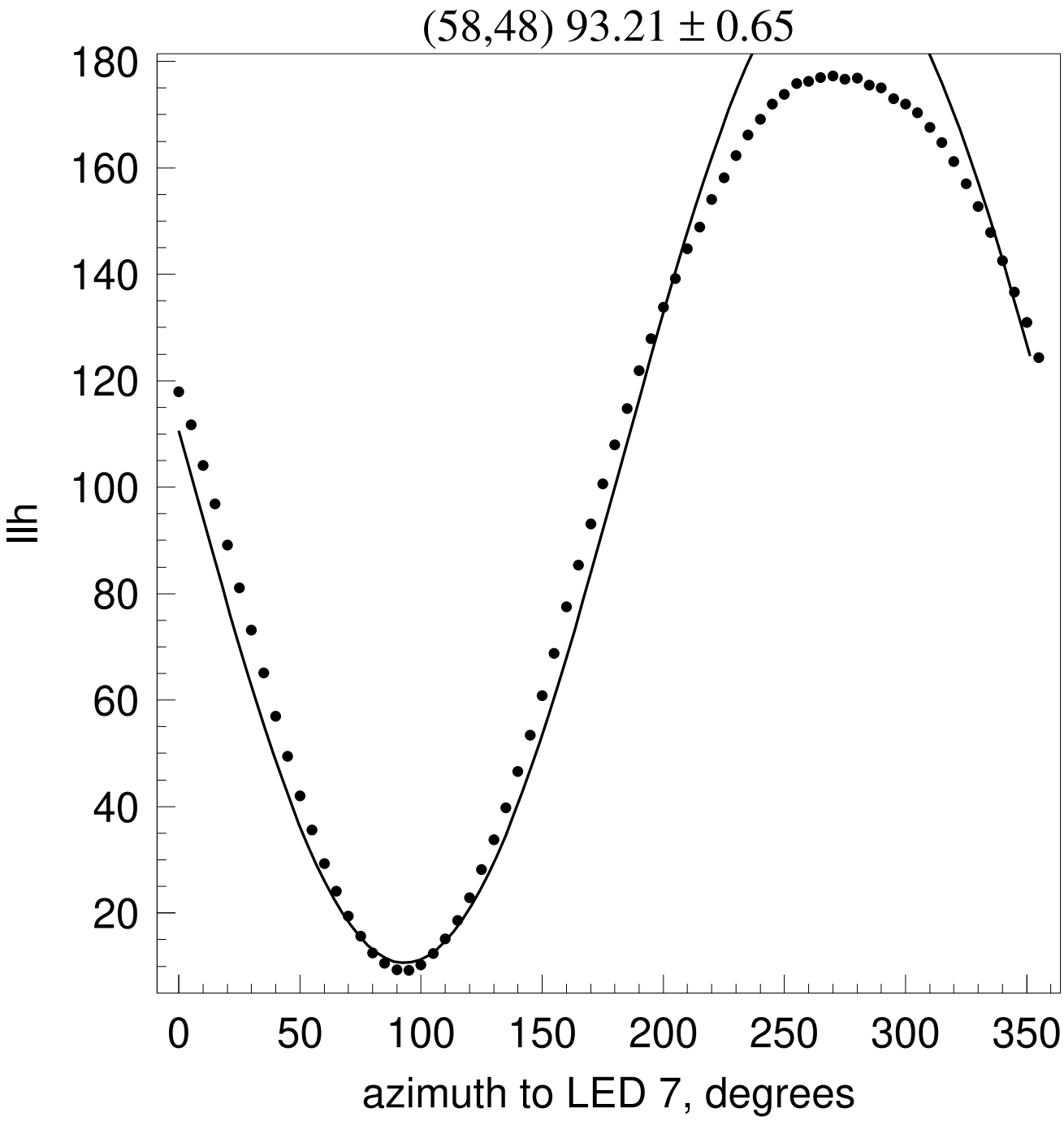

(58,43) 6.45 ± 0.31
90
80
70
60
50
40
30
20
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

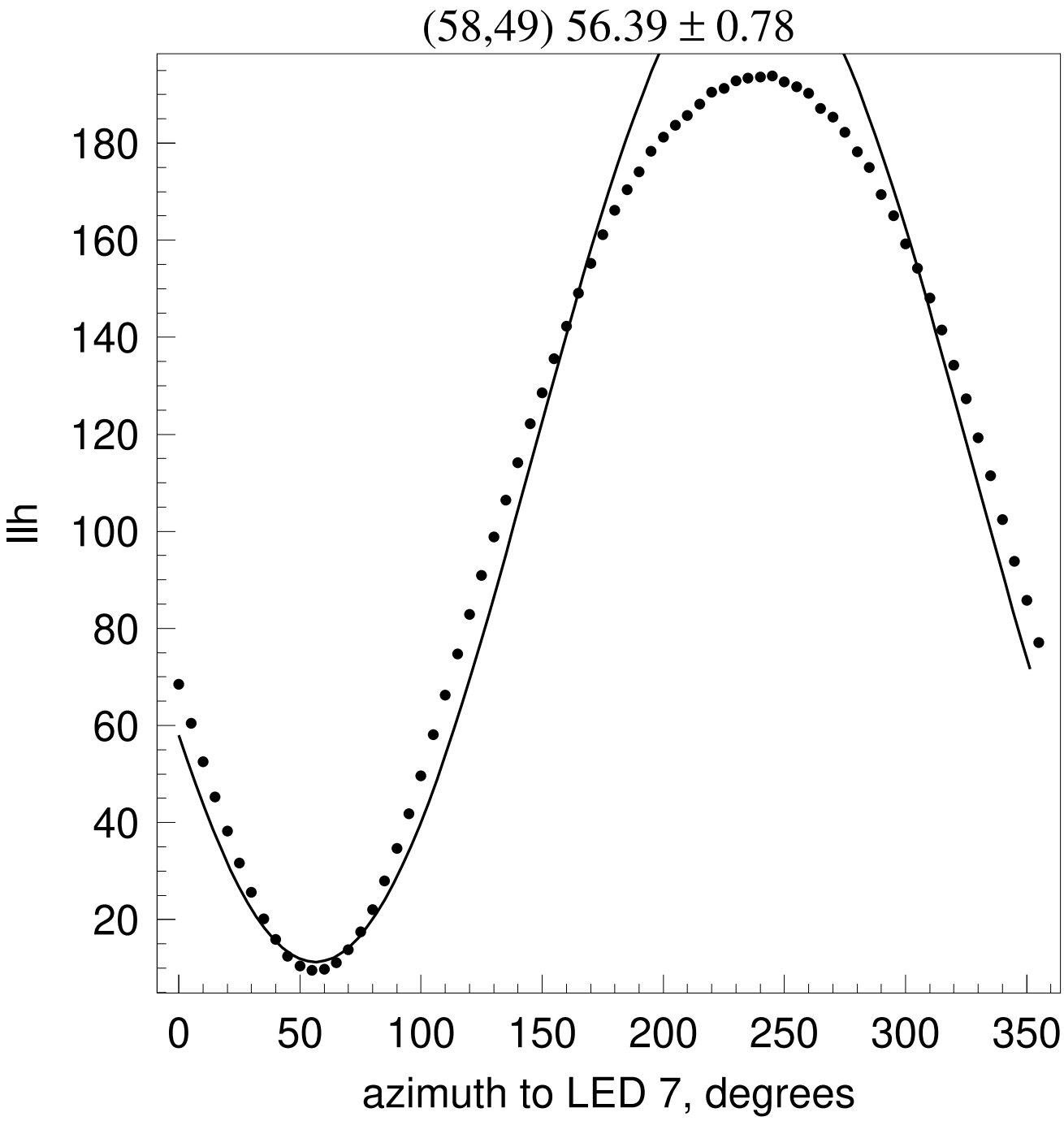

(58,44) 283.26 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

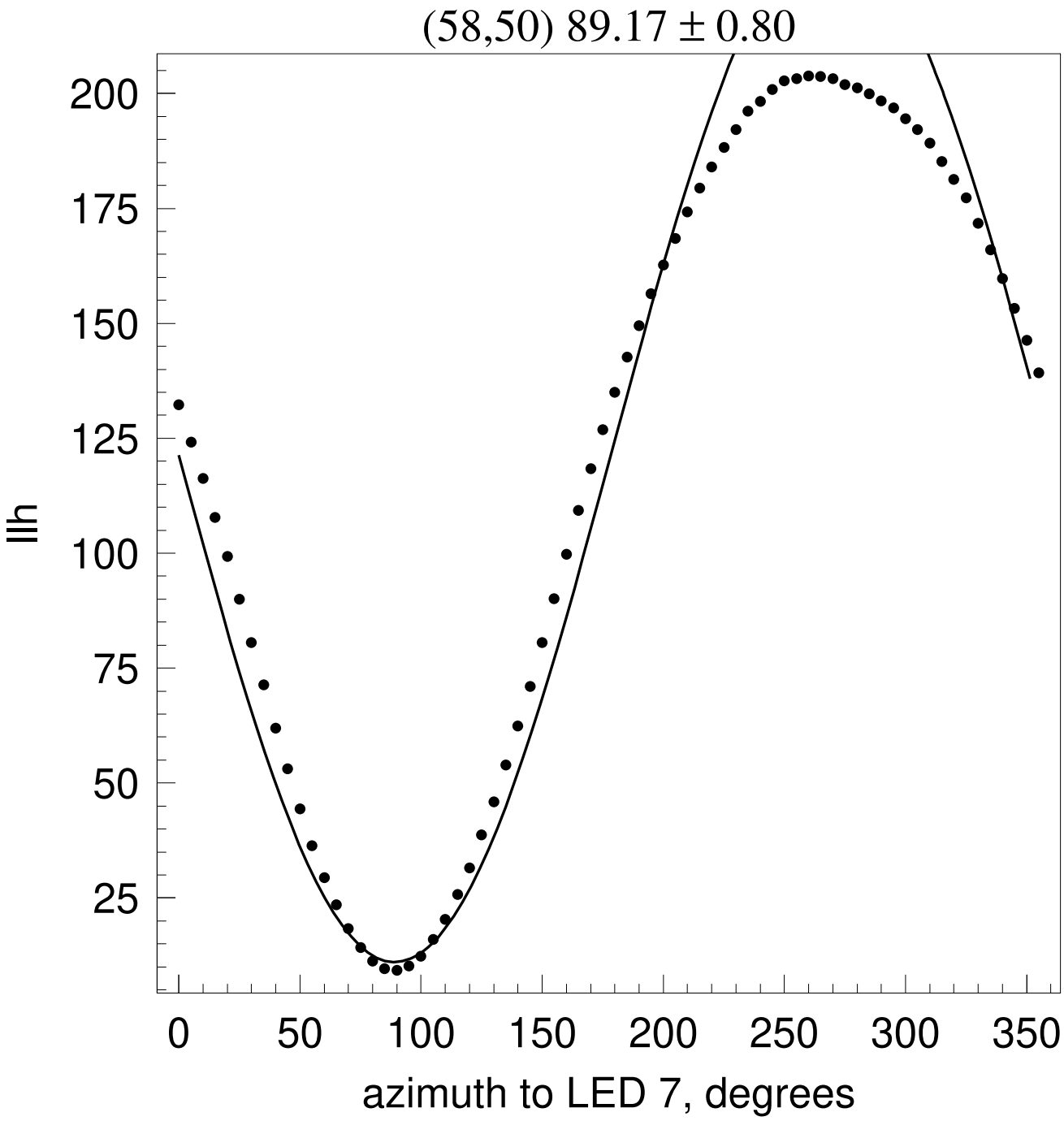

(58,45) 262.87 ± 0.29
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

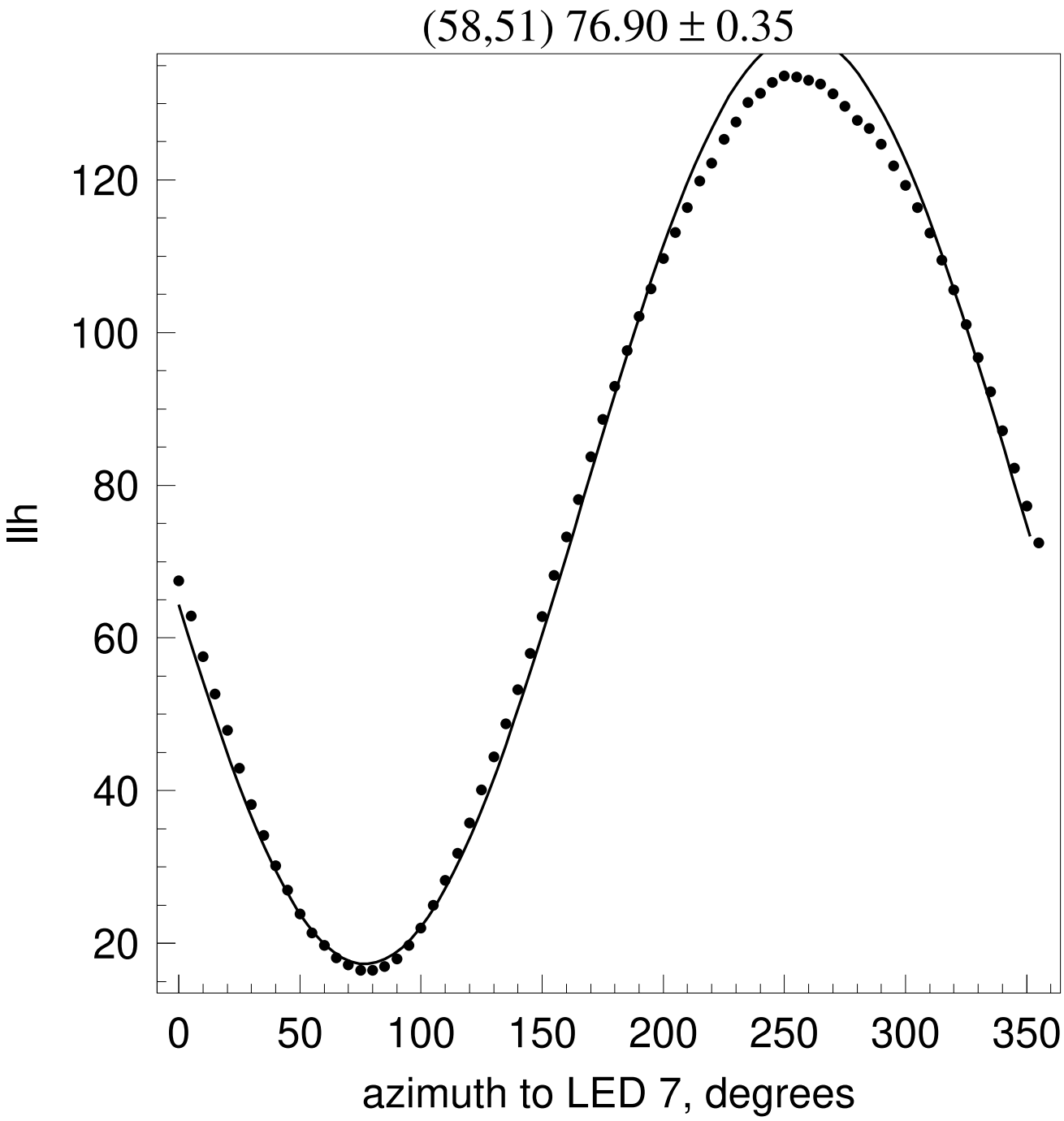

(58,46) 131.80 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

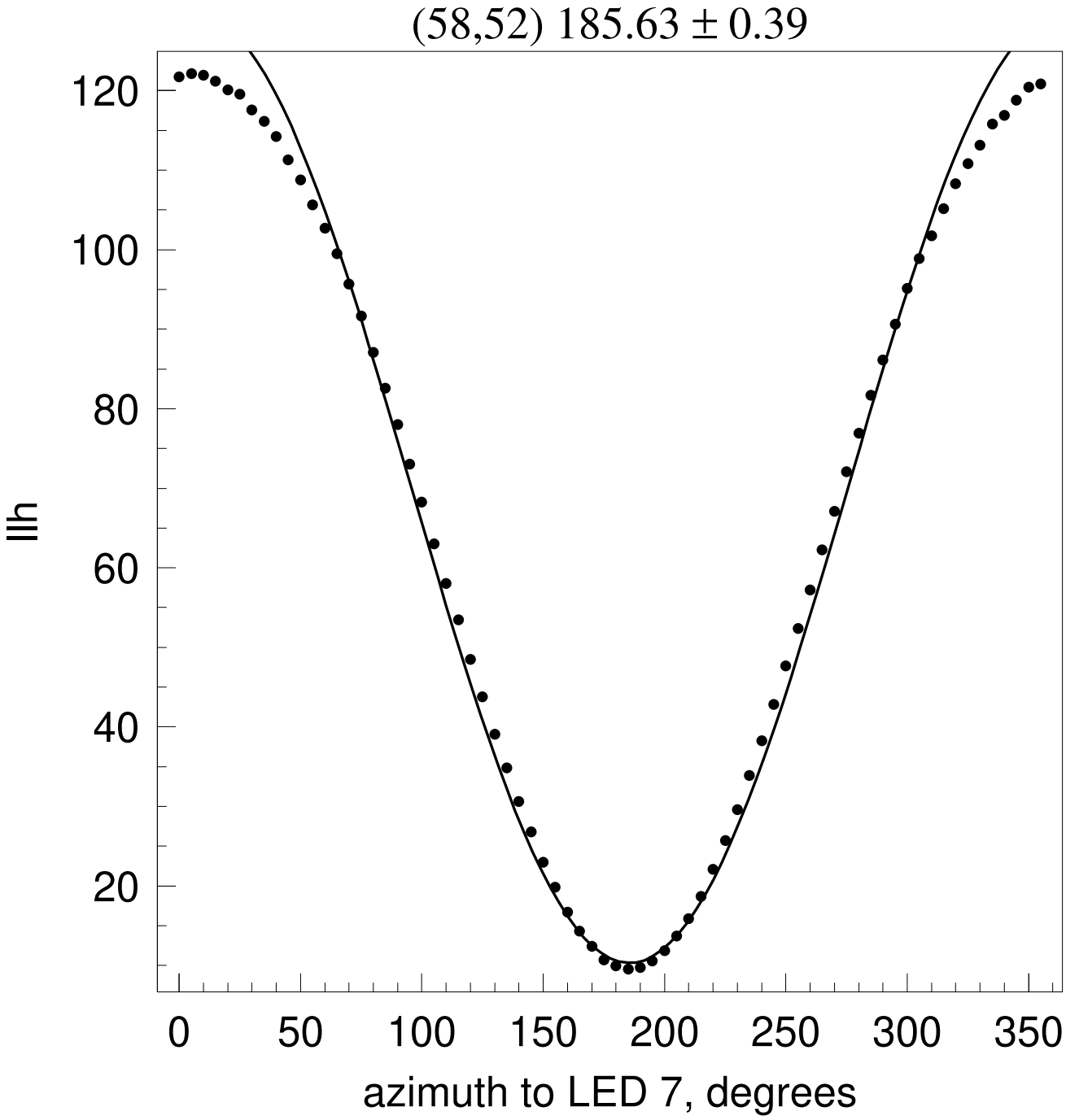

(58,47) 88.99 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

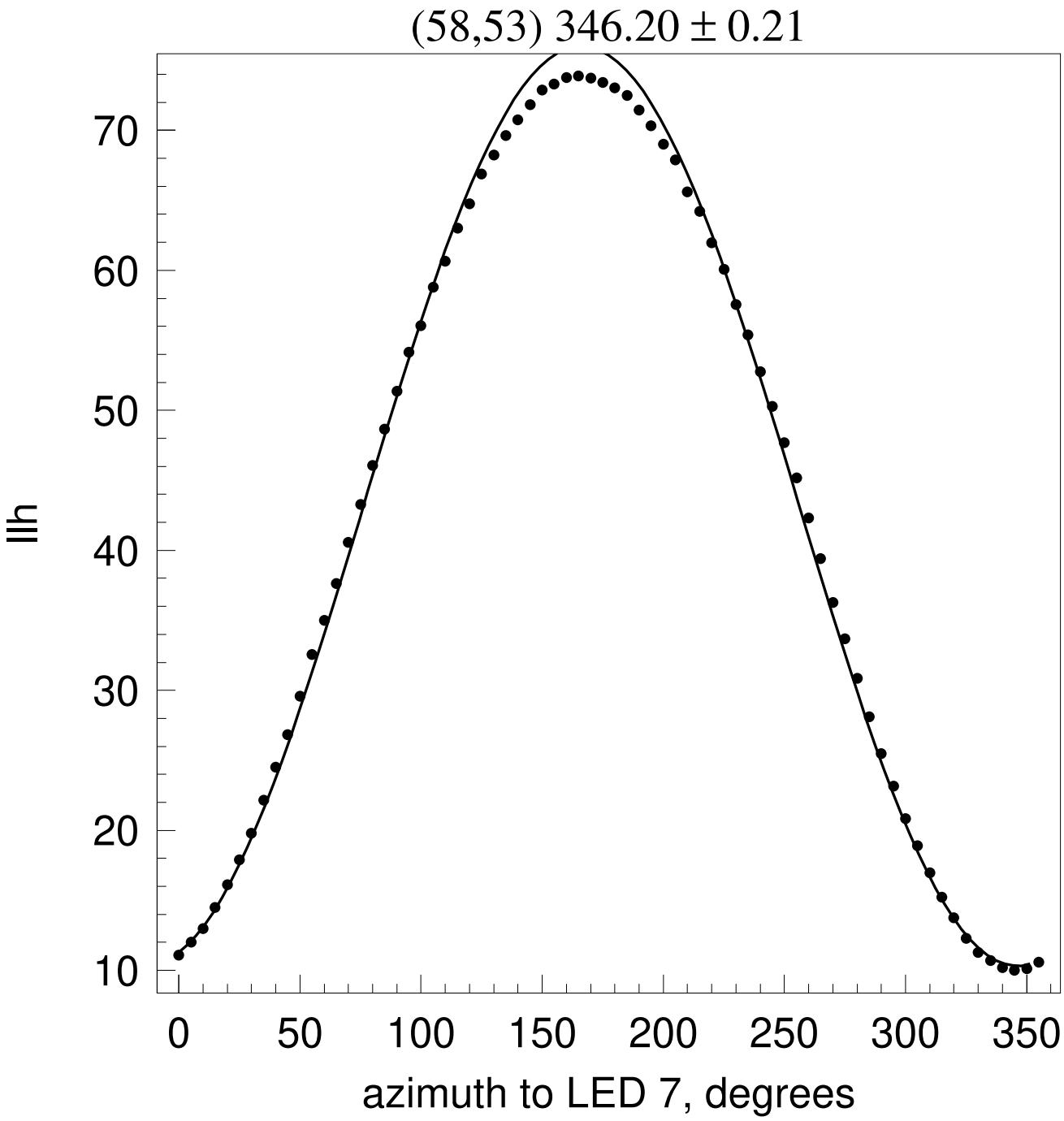

(58,48) 93.21 ± 0.65
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

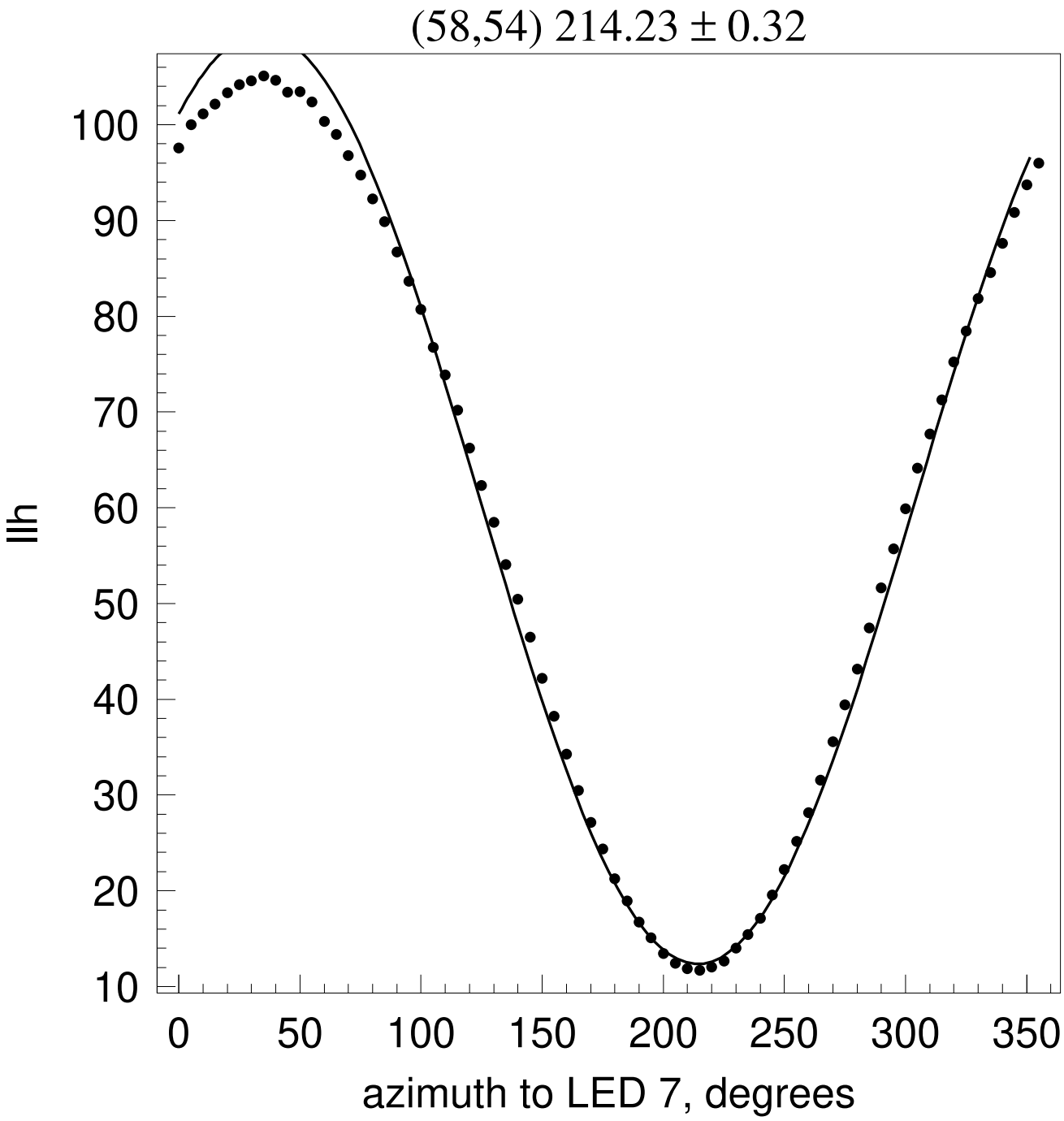

(58,49) 56.39 ± 0.78
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

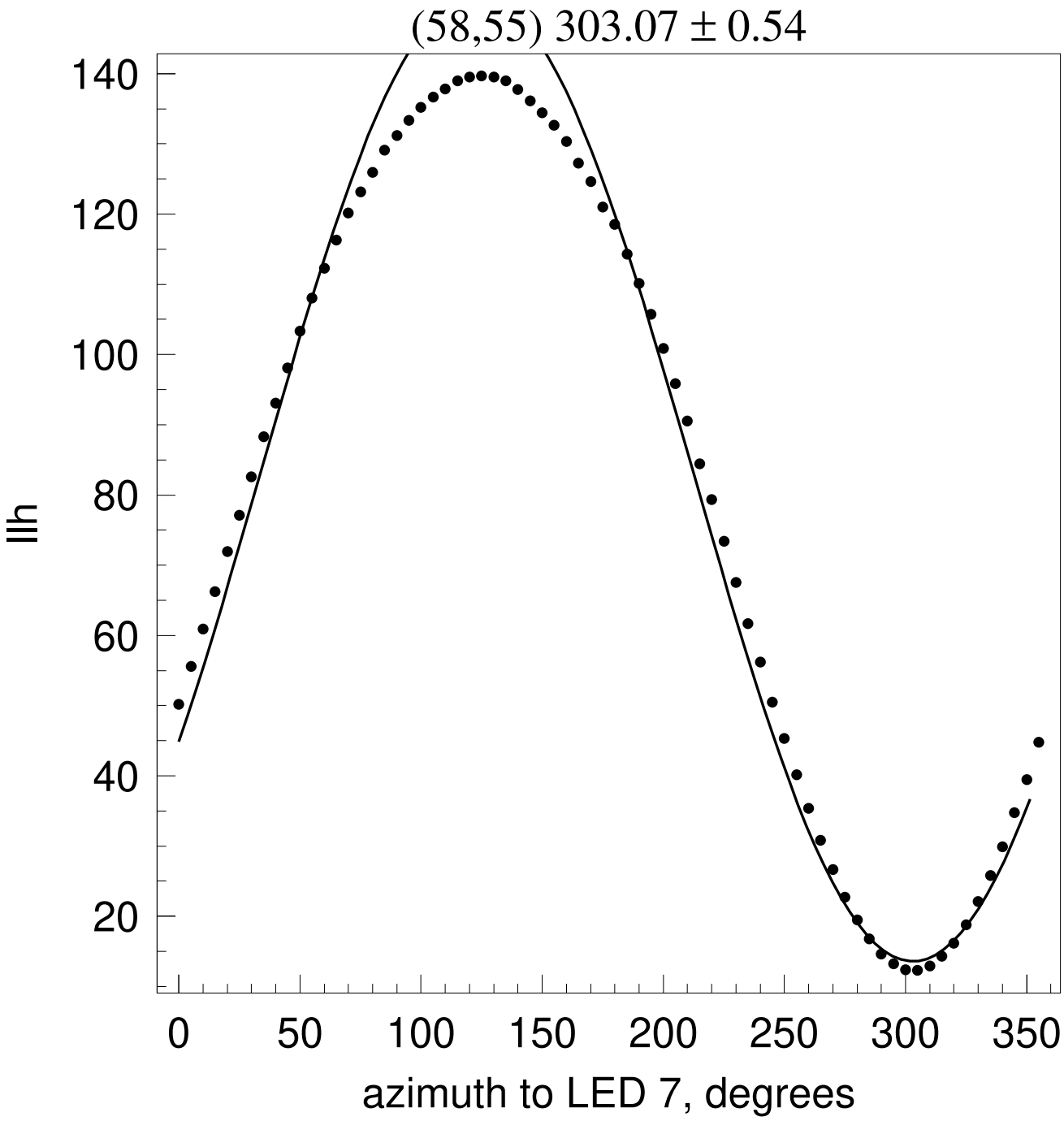

(58,50) 89.17 ± 0.80
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

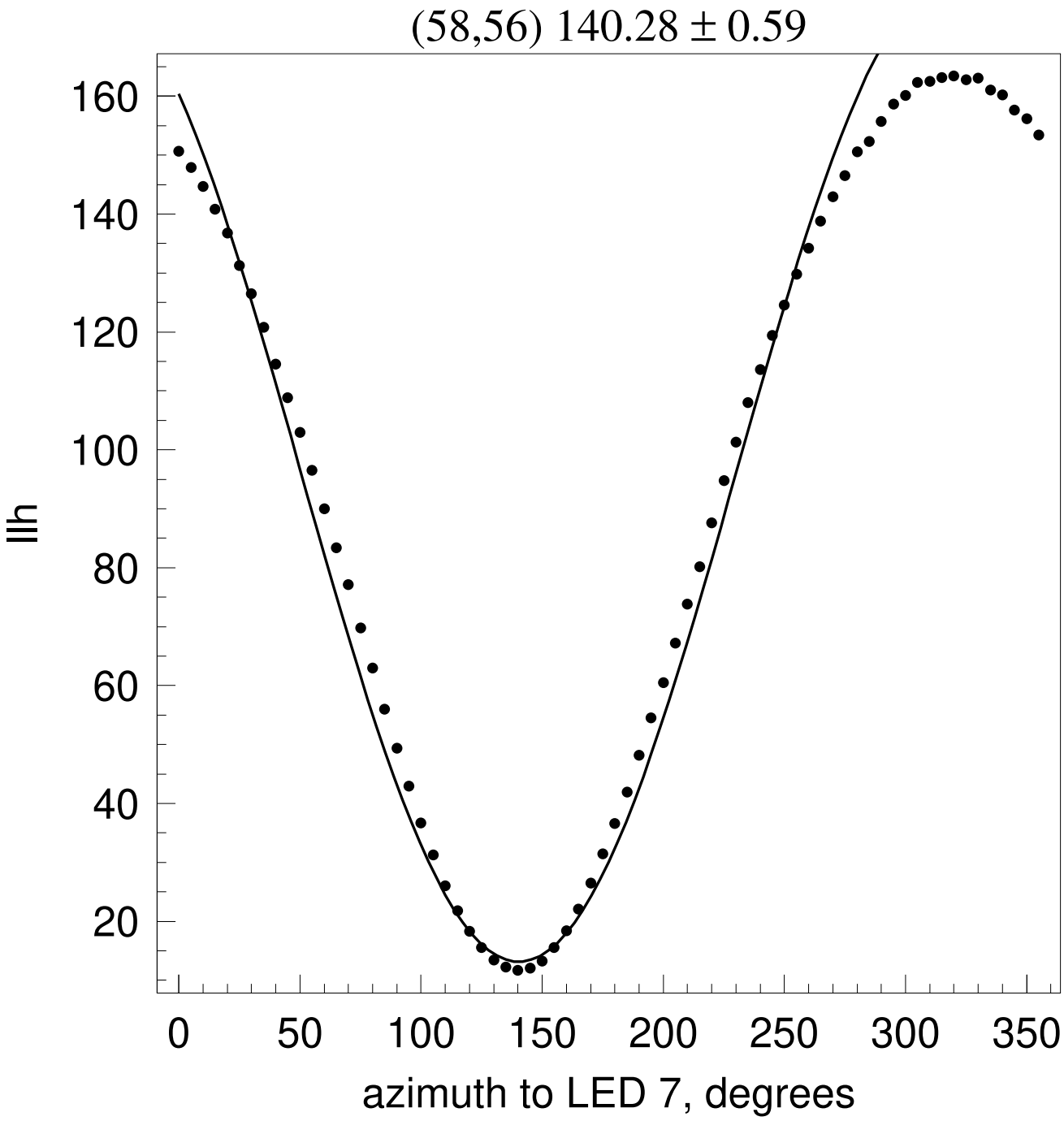

(58,51) 76.90 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

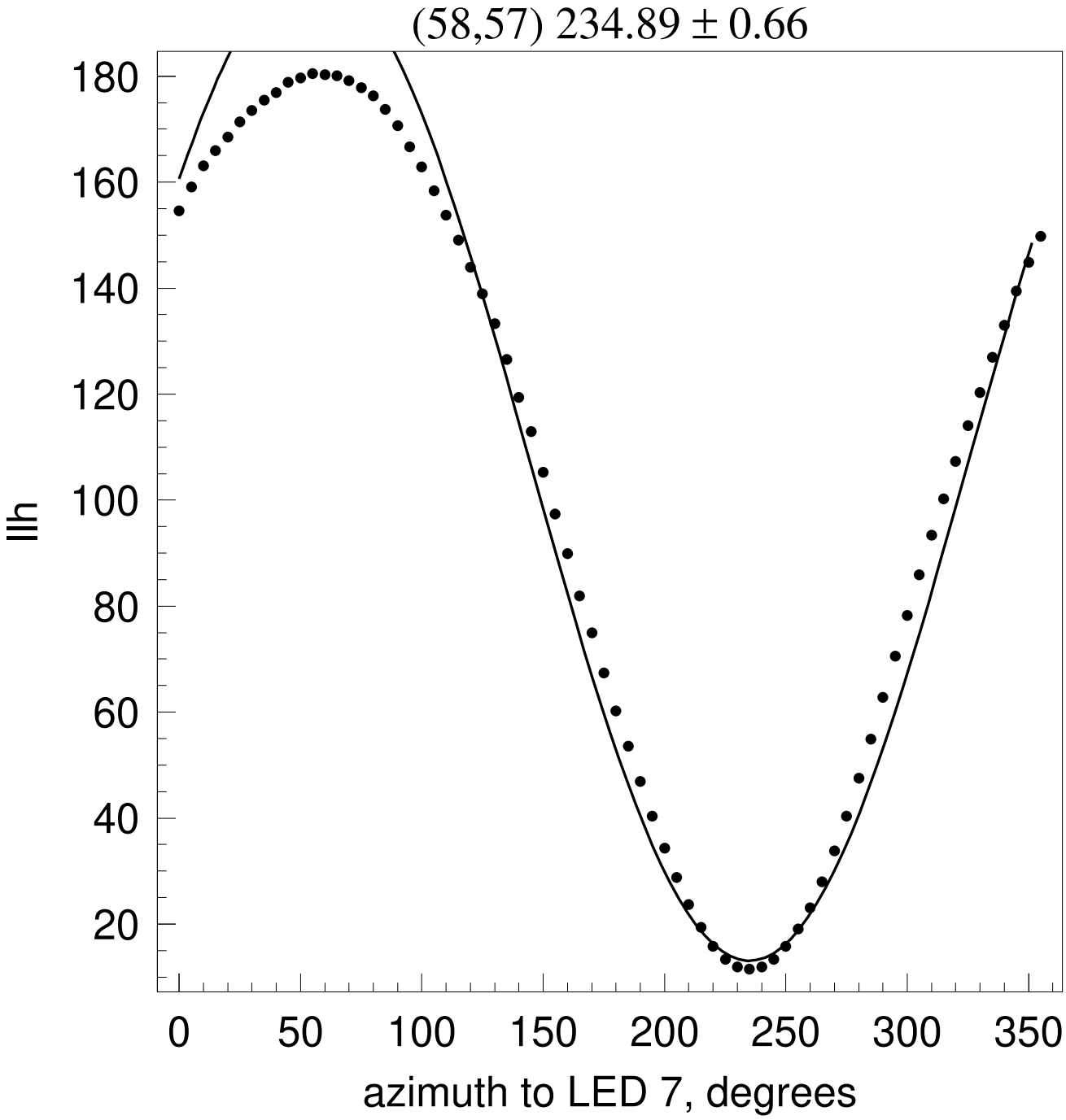

(58,52) 185.63 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

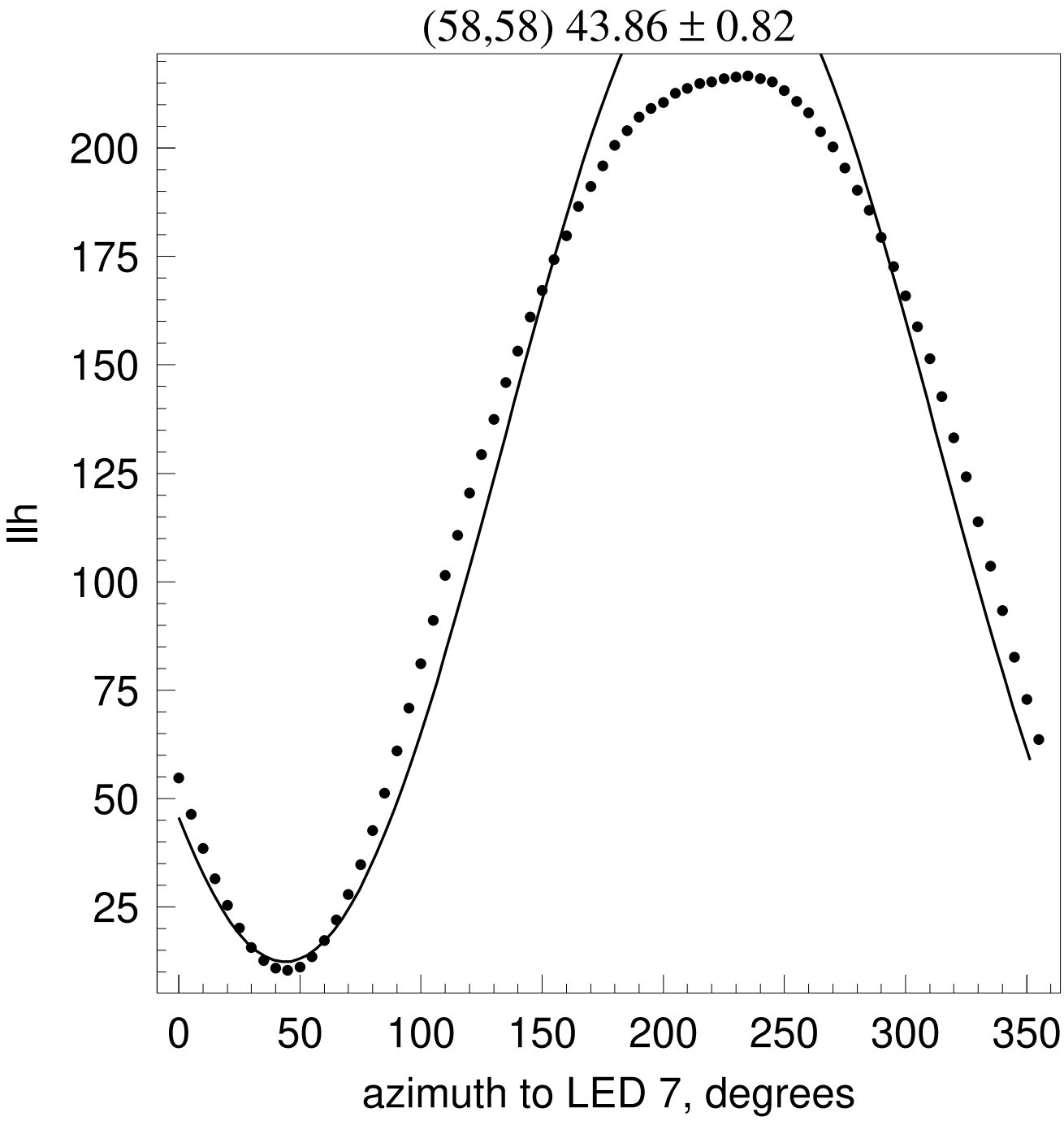

(58,53) 346.20 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

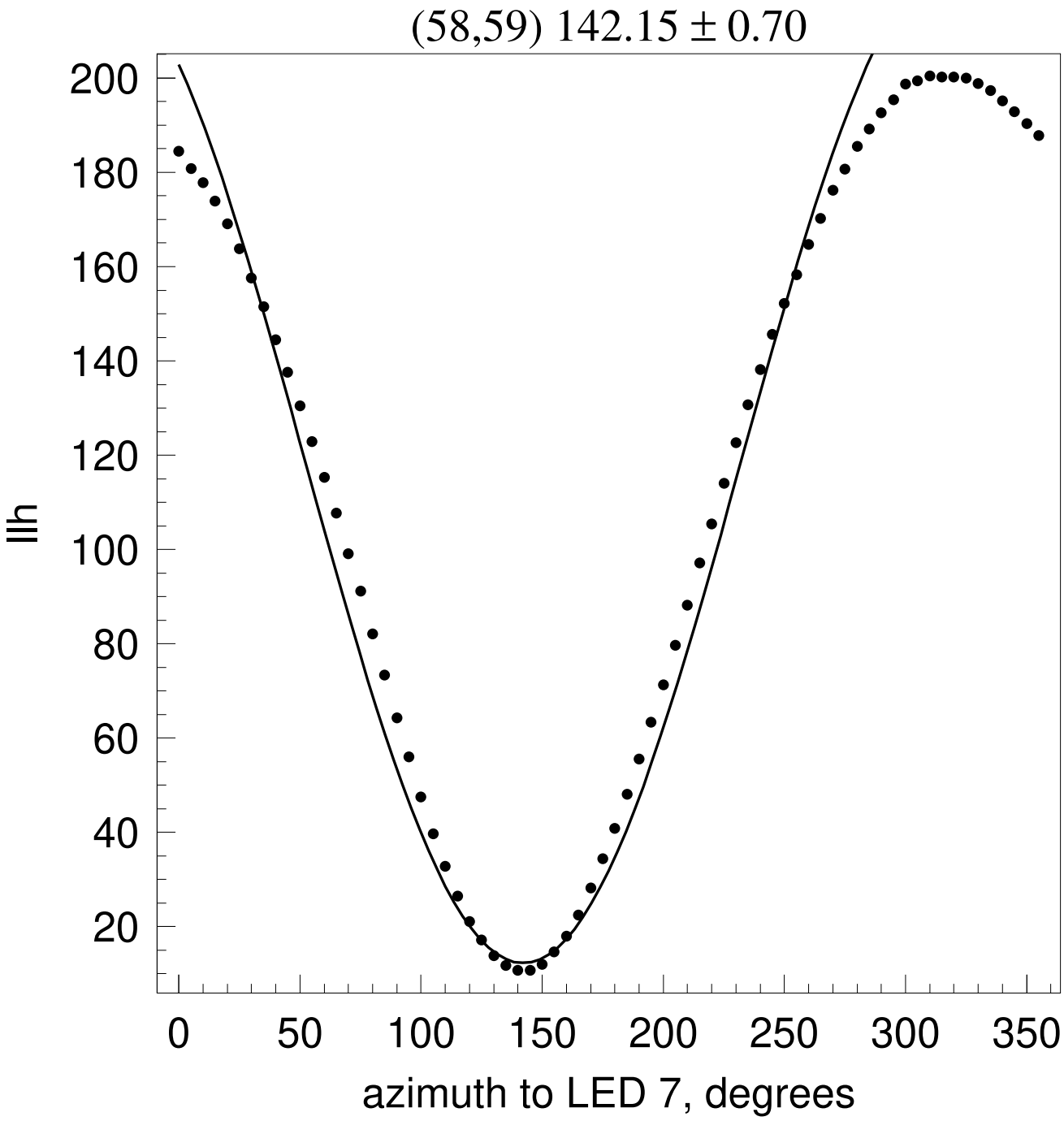

(58,54) 214.23 ± 0.32
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

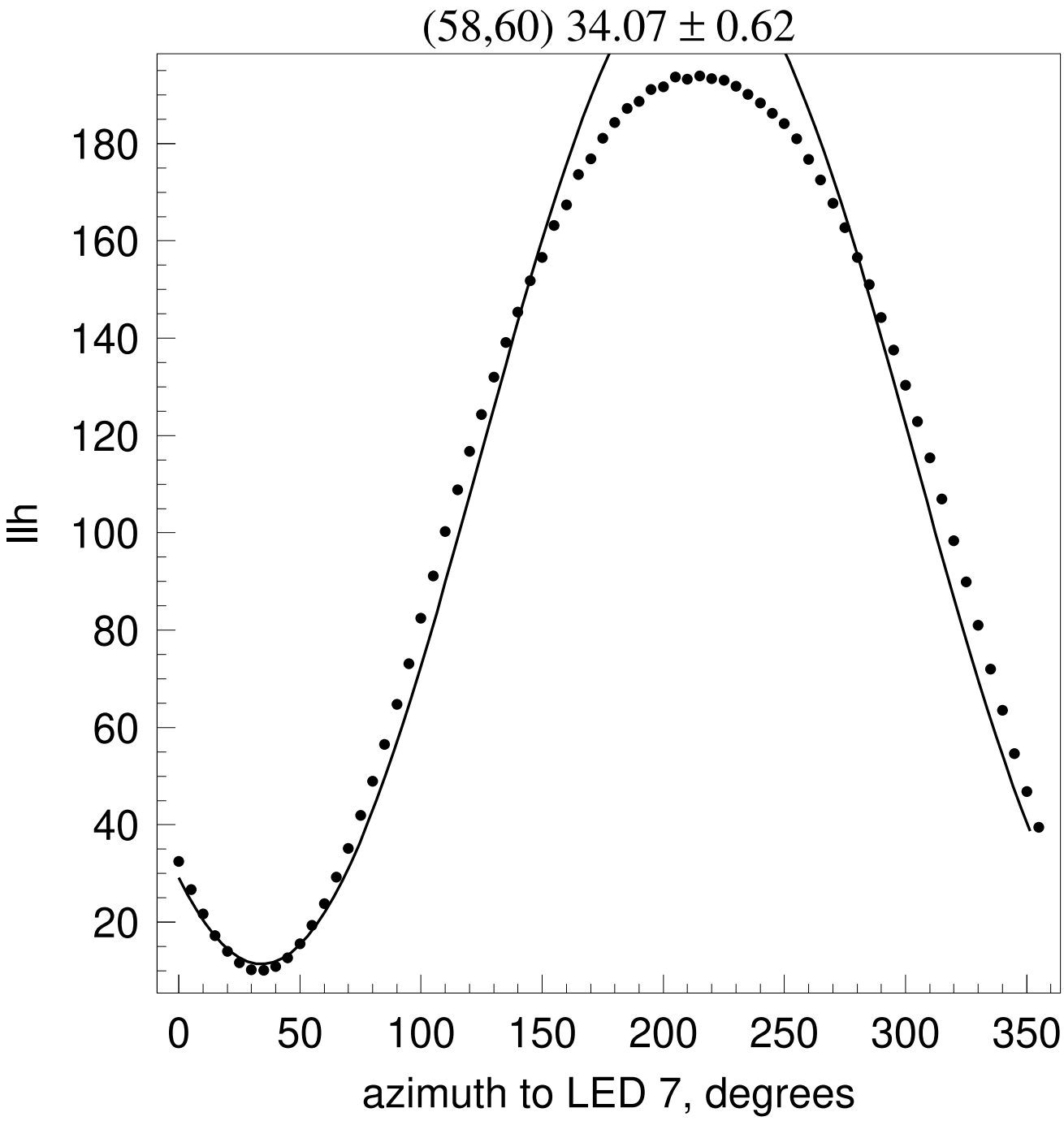

(58,55) 303.07 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

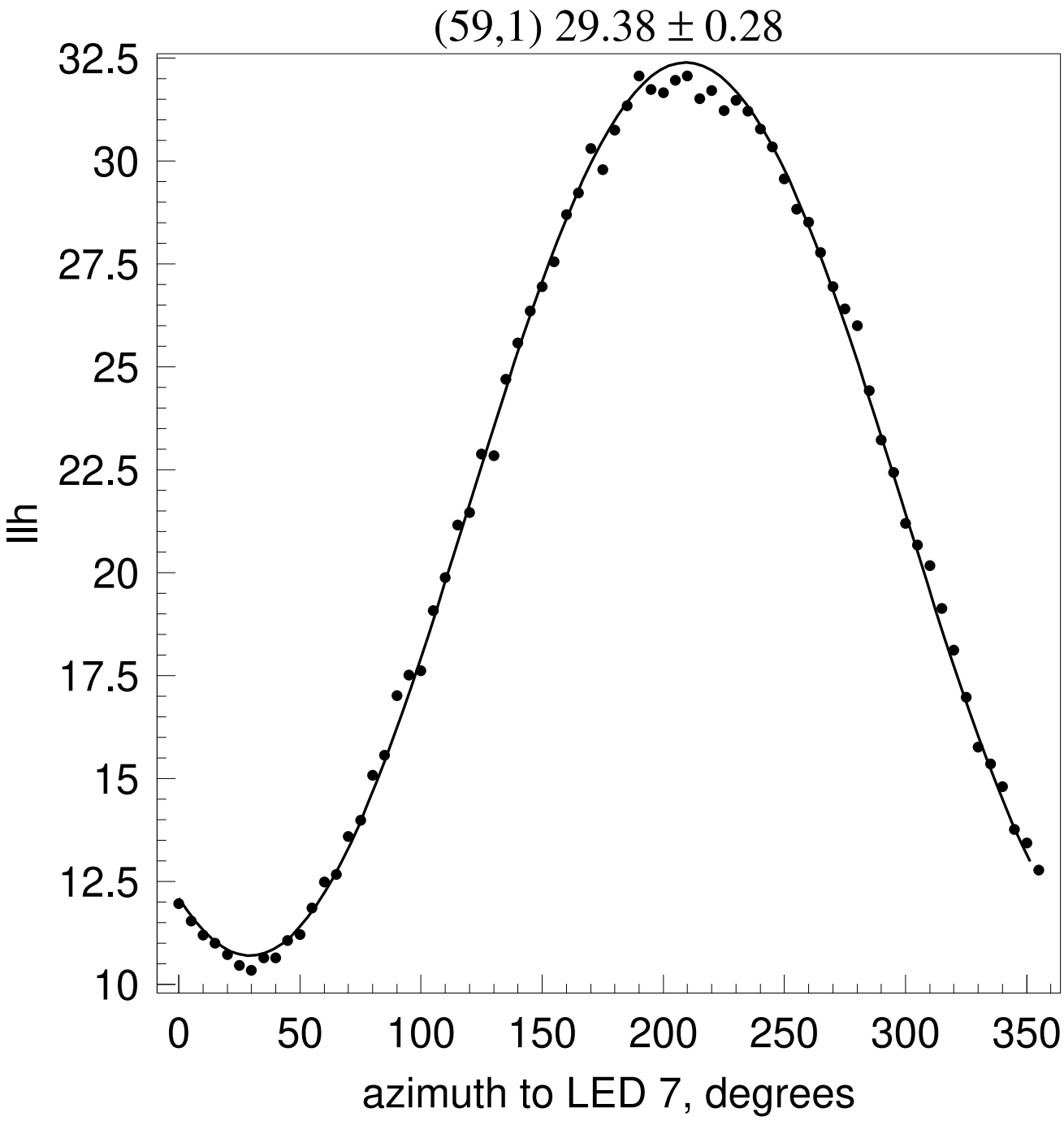

(58,56) 140.28 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

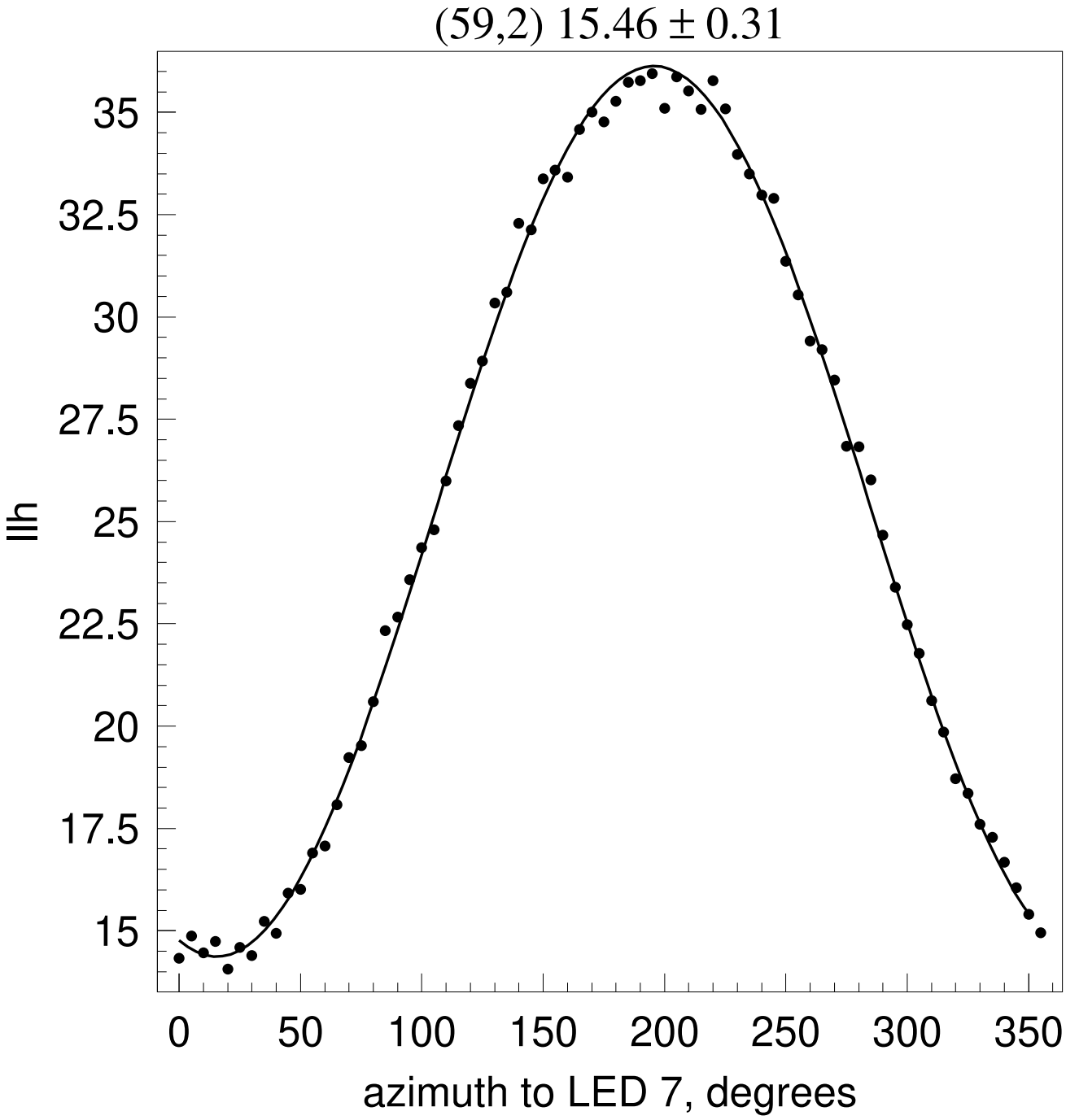

(58,57) 234.89 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

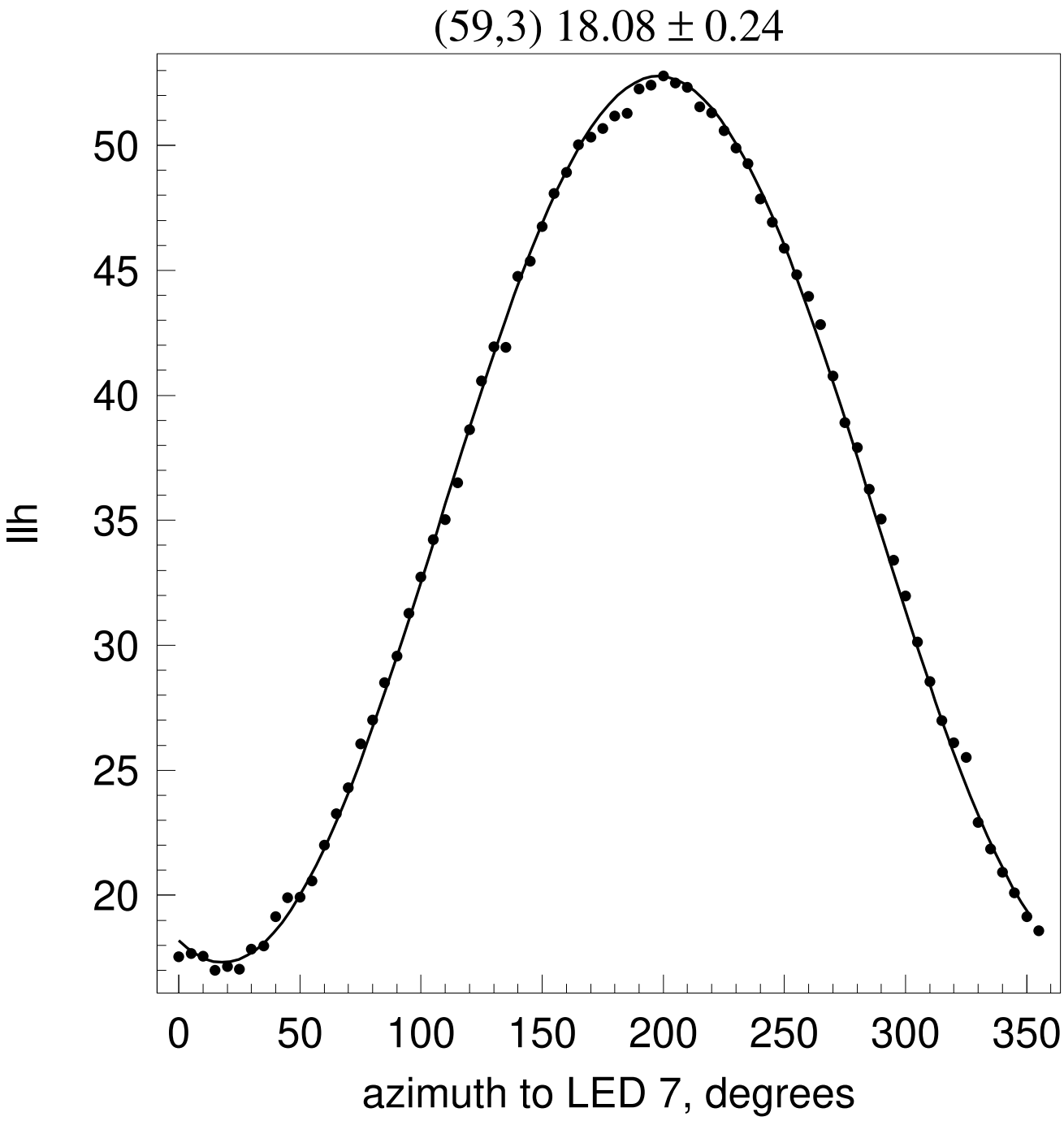

(58,58) 43.86 ± 0.82
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

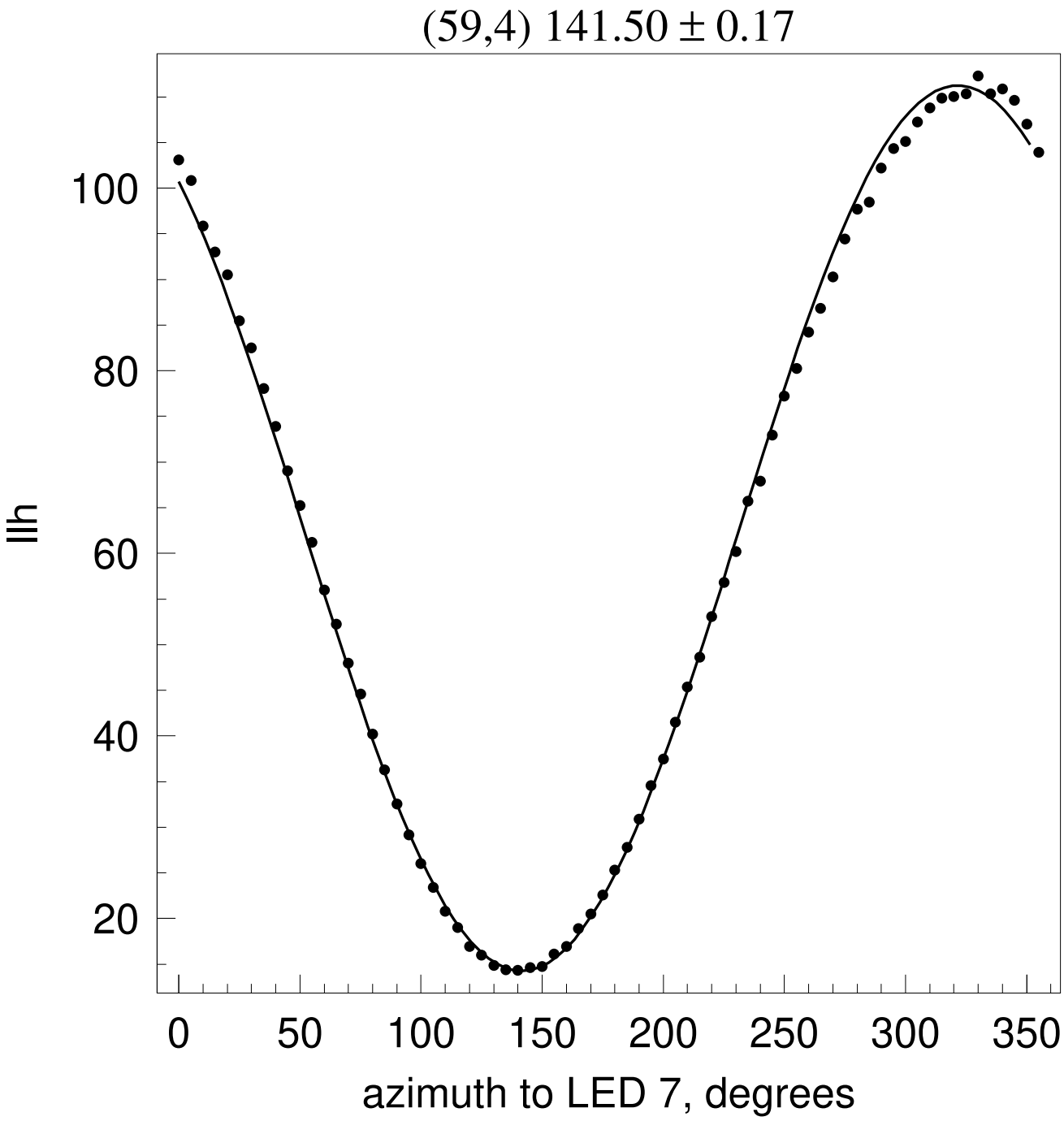

(58,59) 142.15 ± 0.70
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

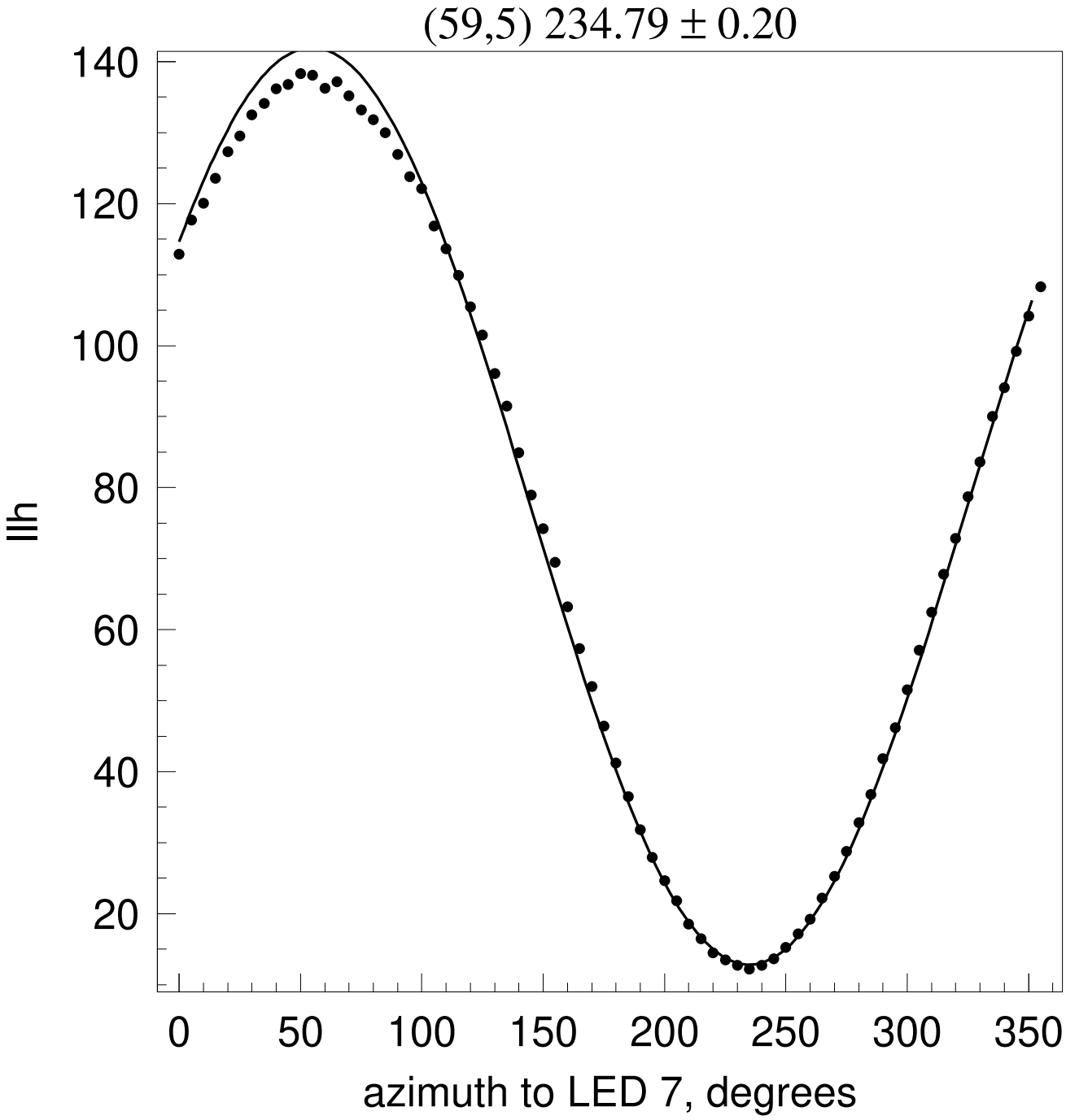

(58,60) 34.07 ± 0.62
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

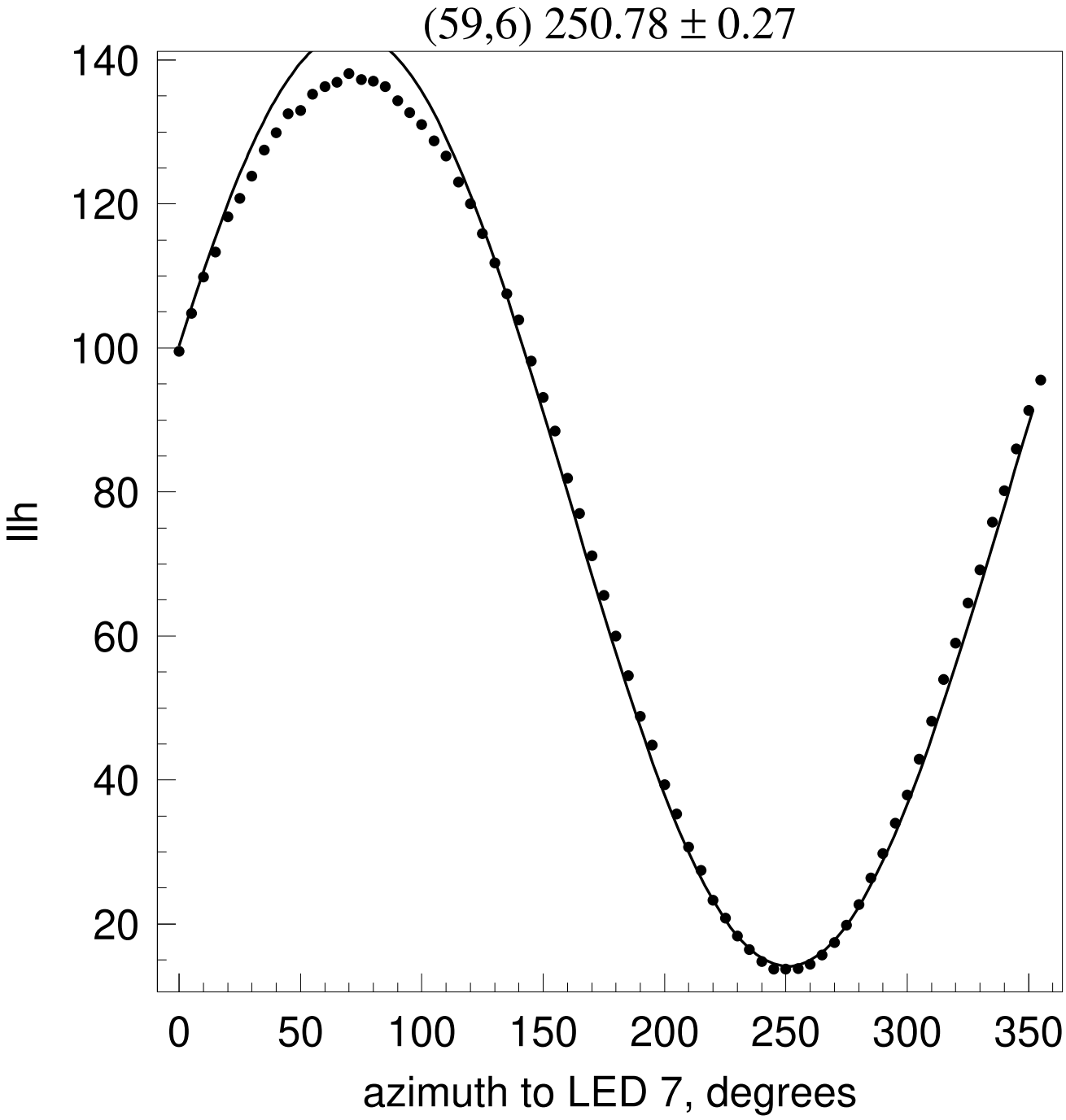

(59,1) 29.38 ± 0.28
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

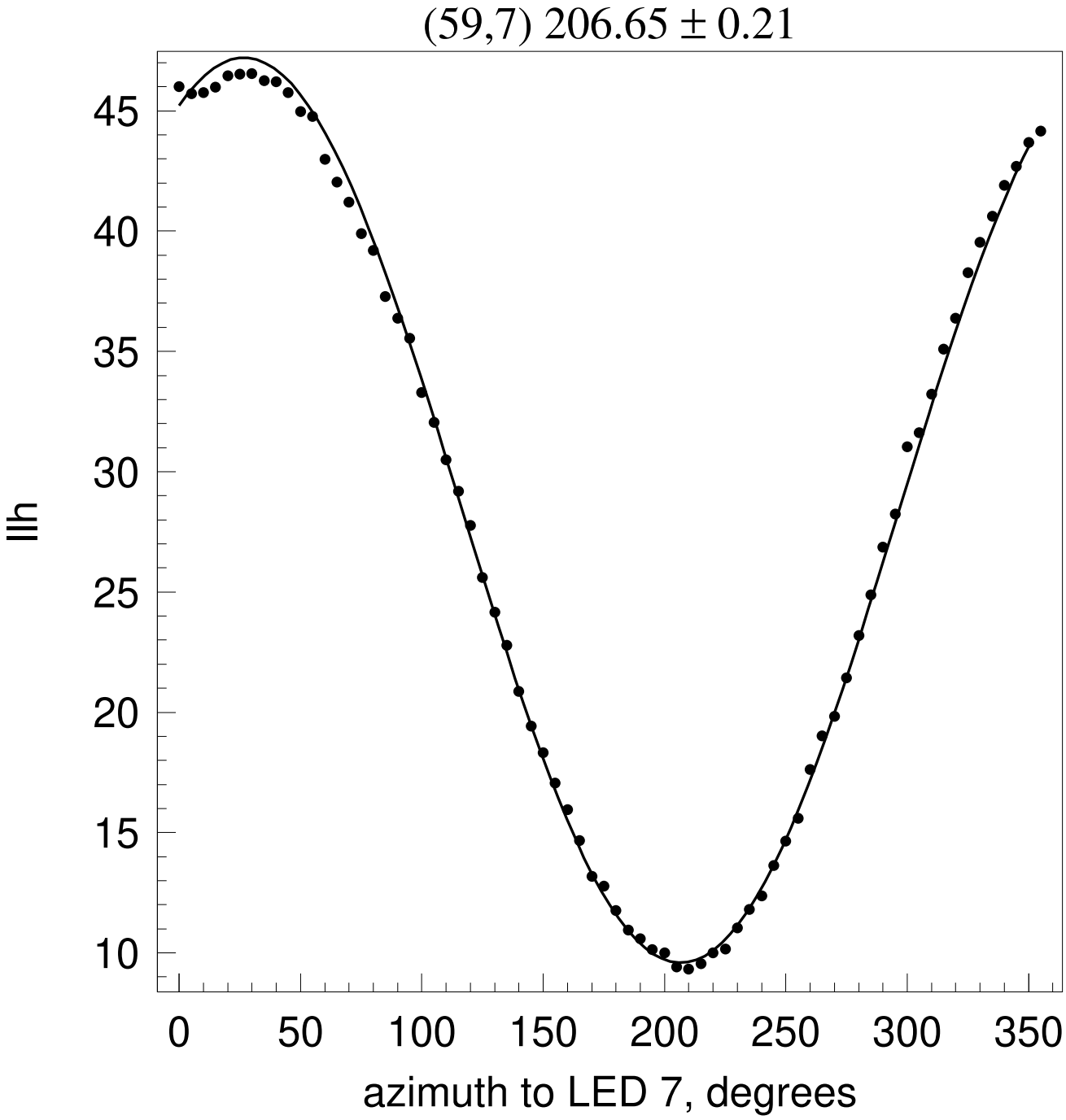

(59,2) 15.46 ± 0.31
35
32.5
30
27.5
25
22.5
20
17.5
15
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

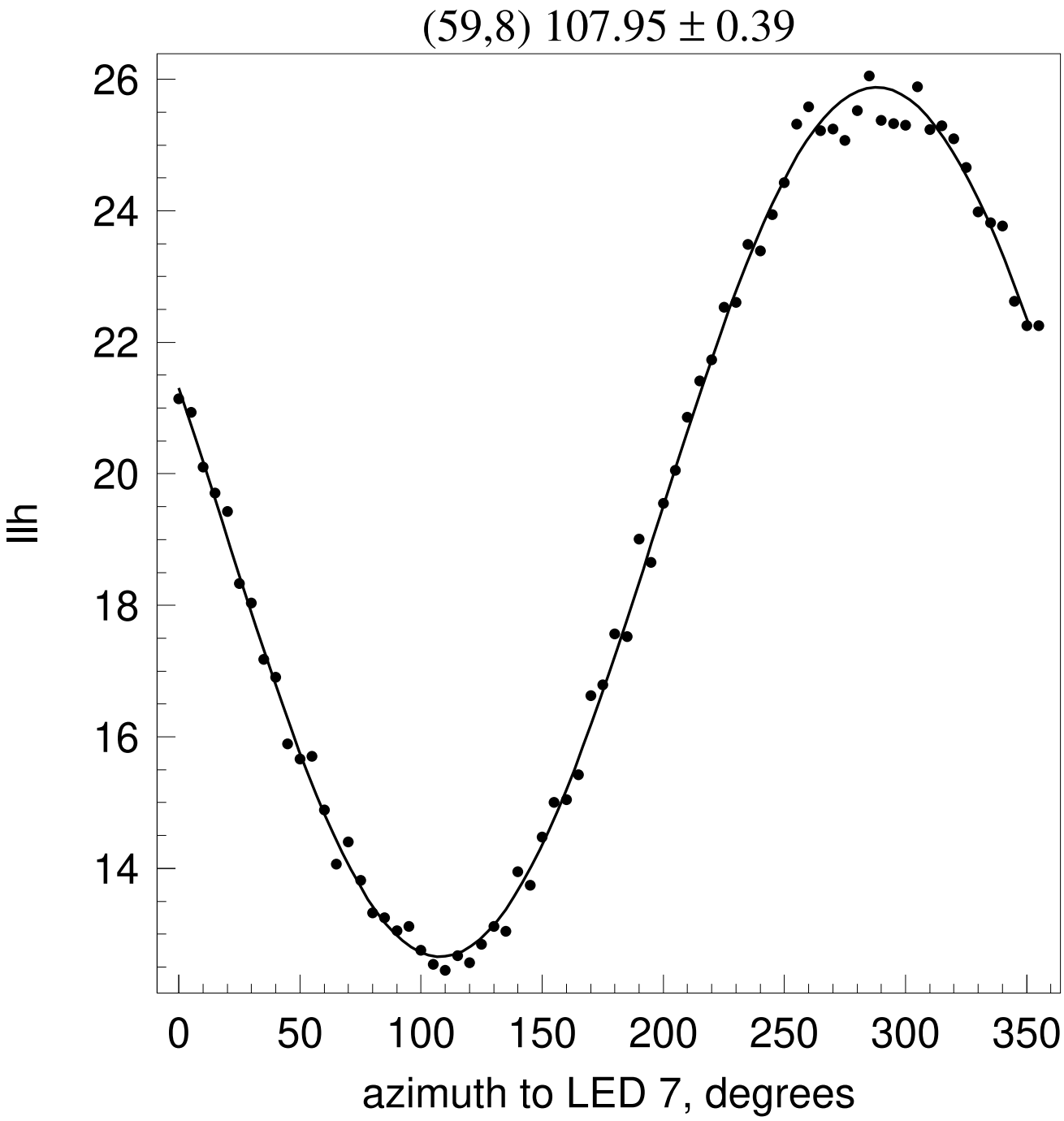

(59,3) 18.08 ± 0.24
50
45
40
35
30
25
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

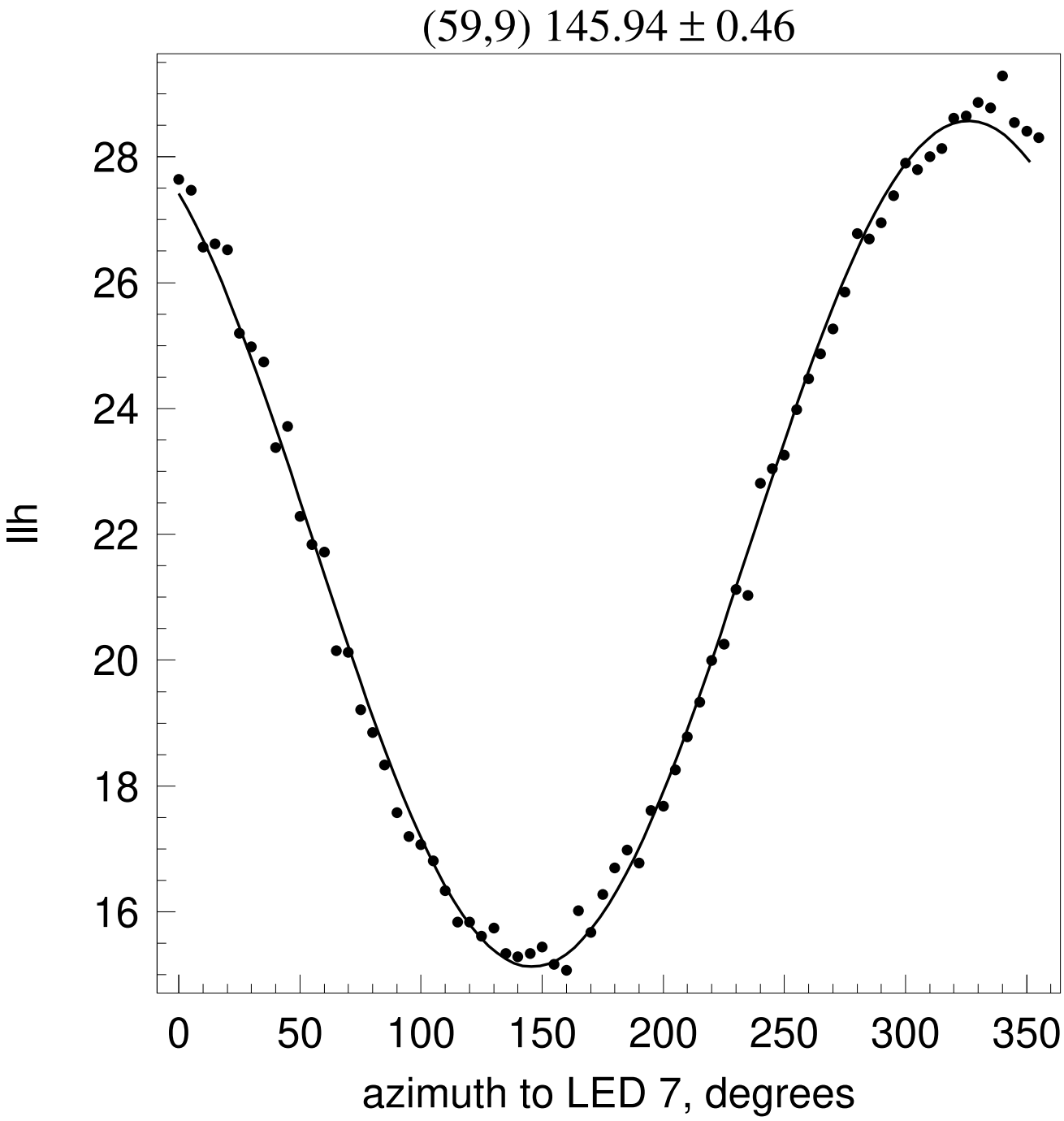

(59,4) 141.50 ± 0.17
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

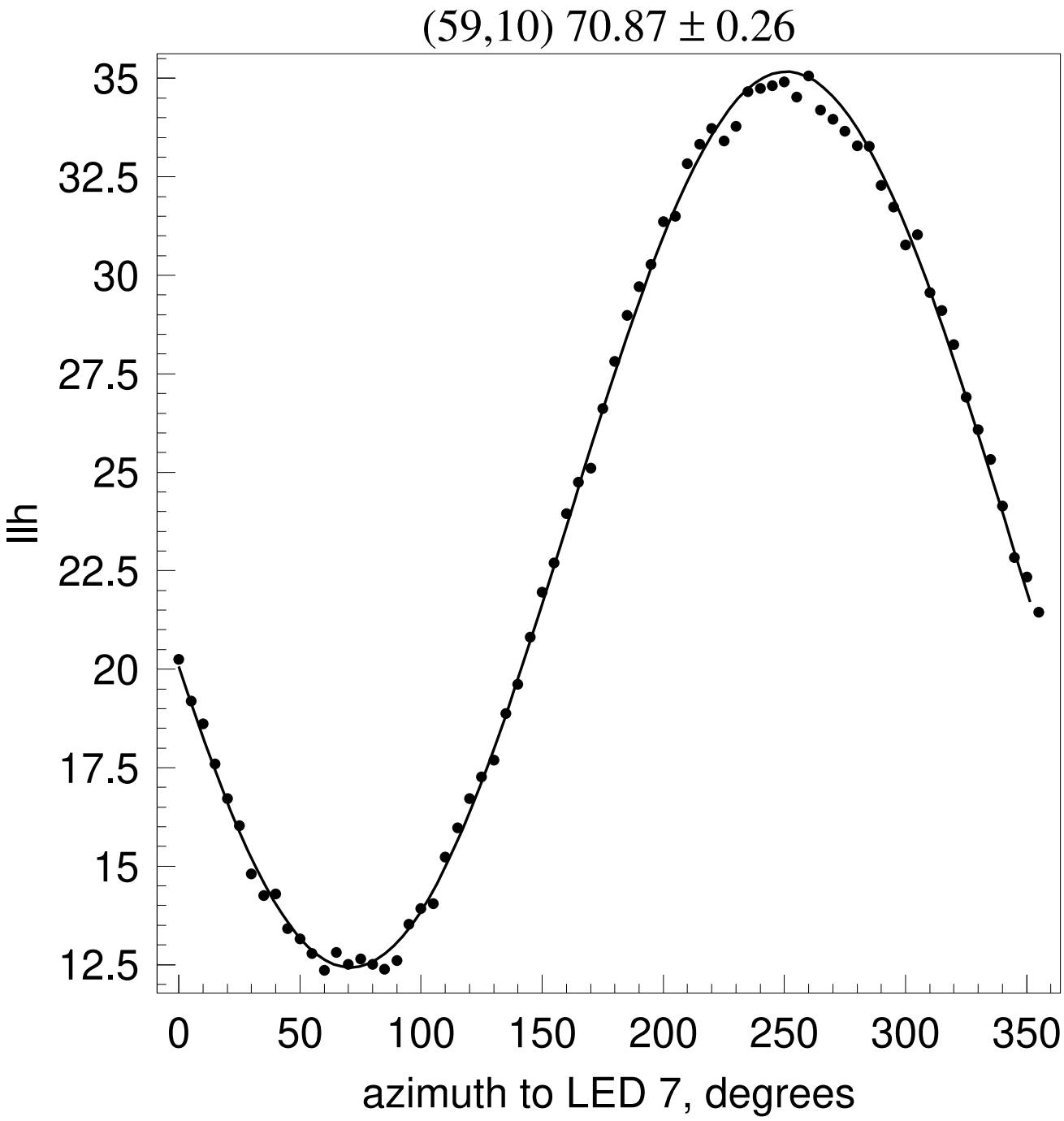

(59,5) 234.79 ± 0.20
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

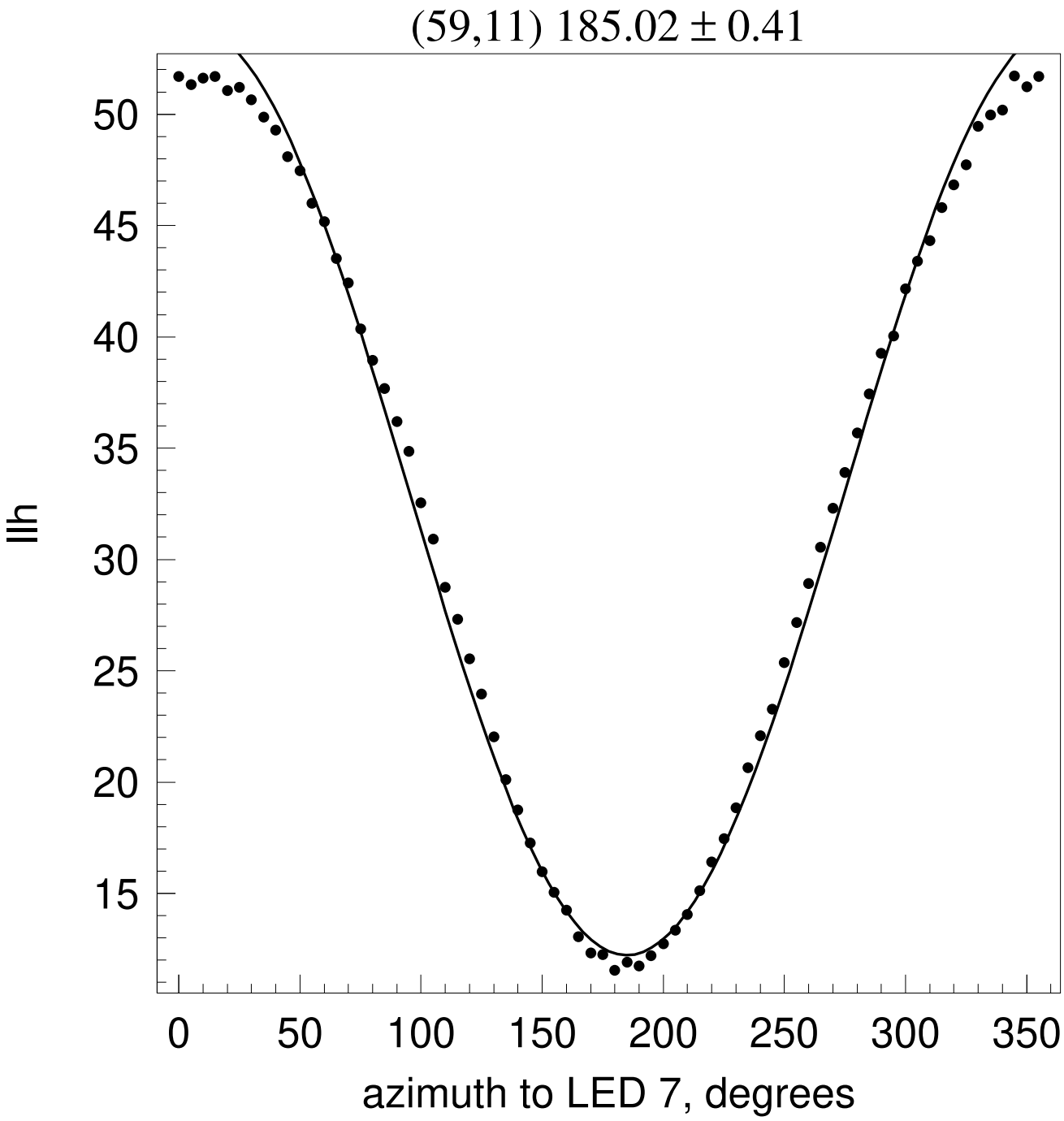

(59,6) 250.78 ± 0.27
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

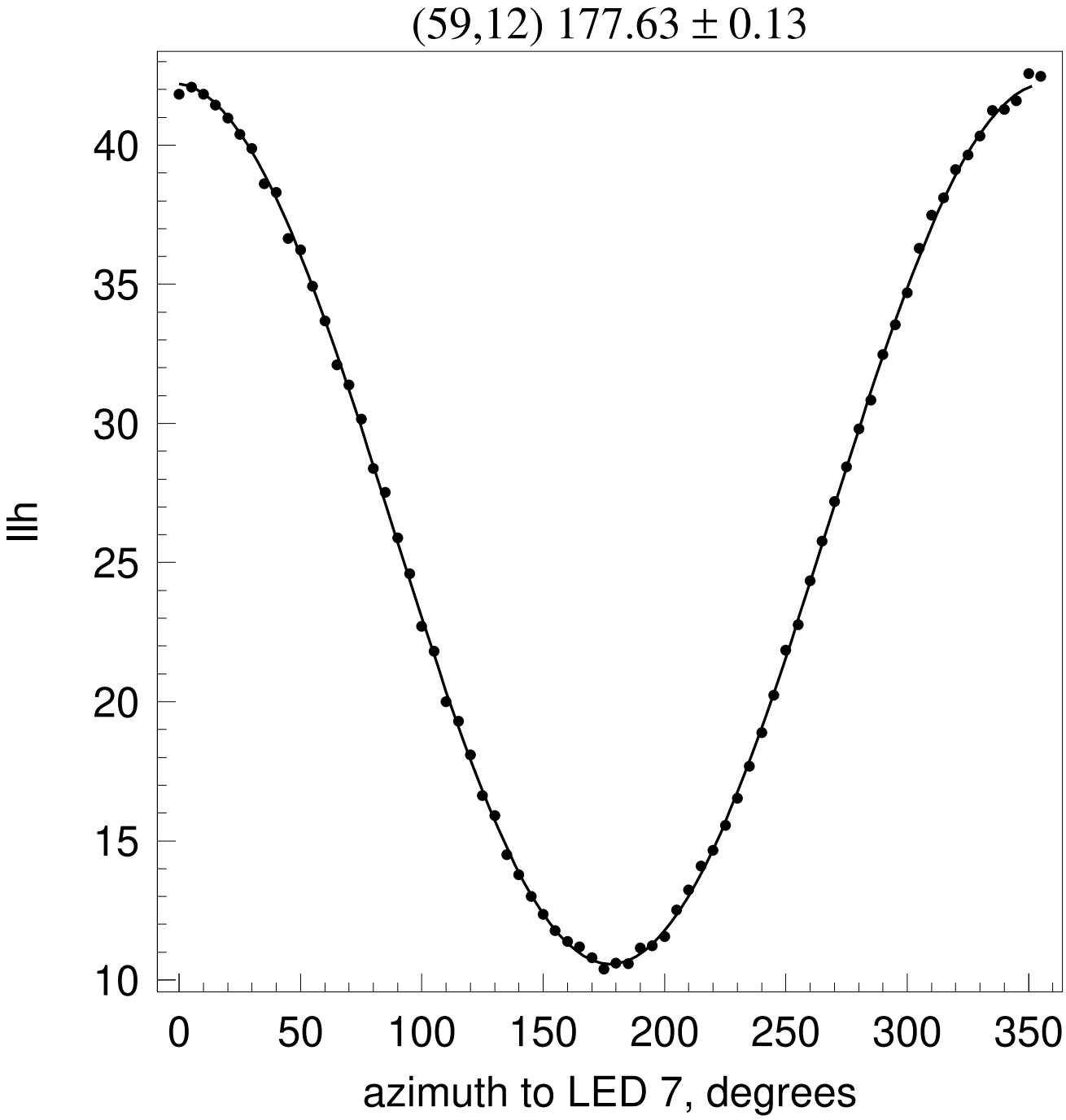

(59,7) 206.65 ± 0.21
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

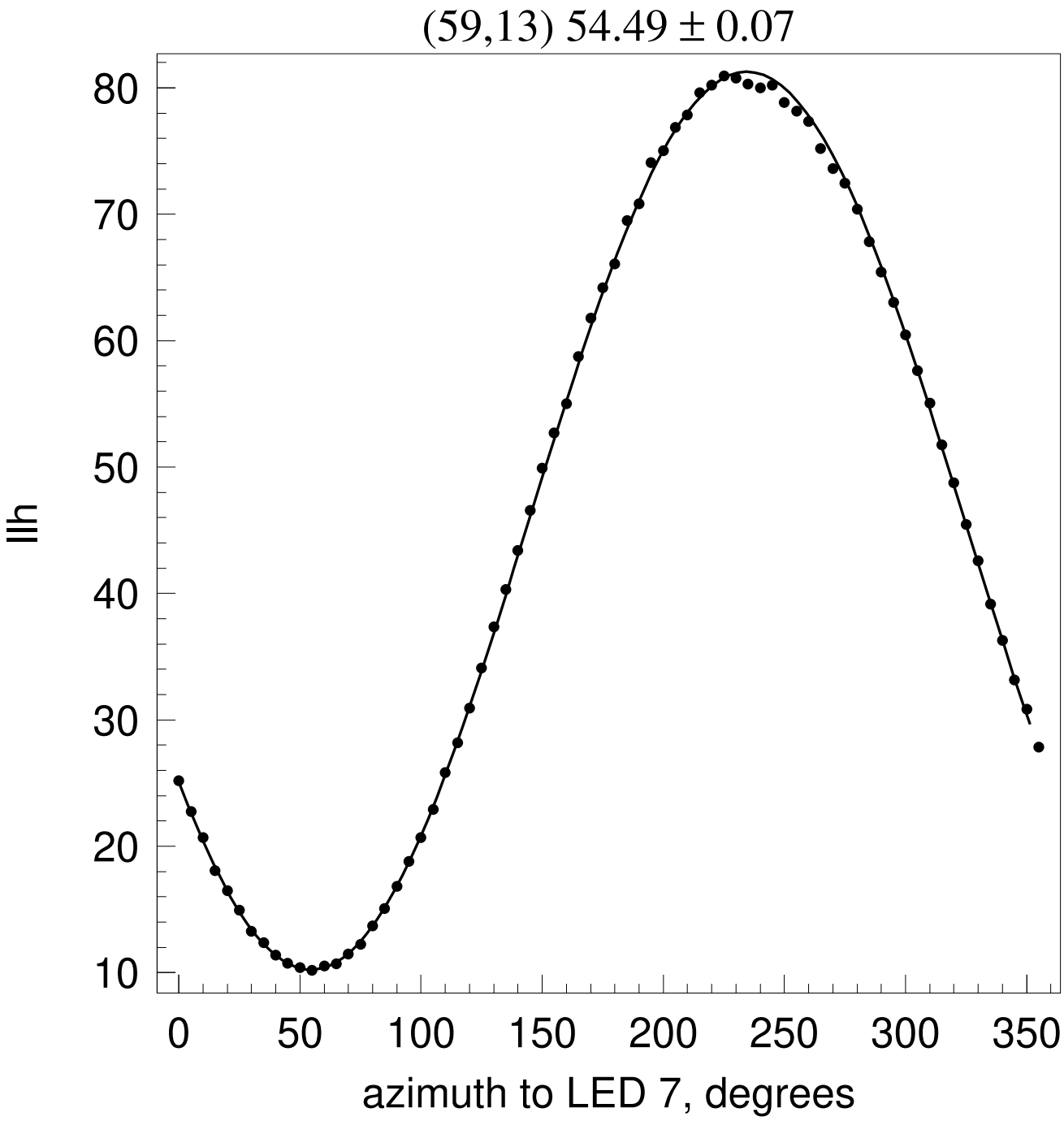

(59,8) 107.95 ± 0.39
26
24
22
20
18
16
14
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

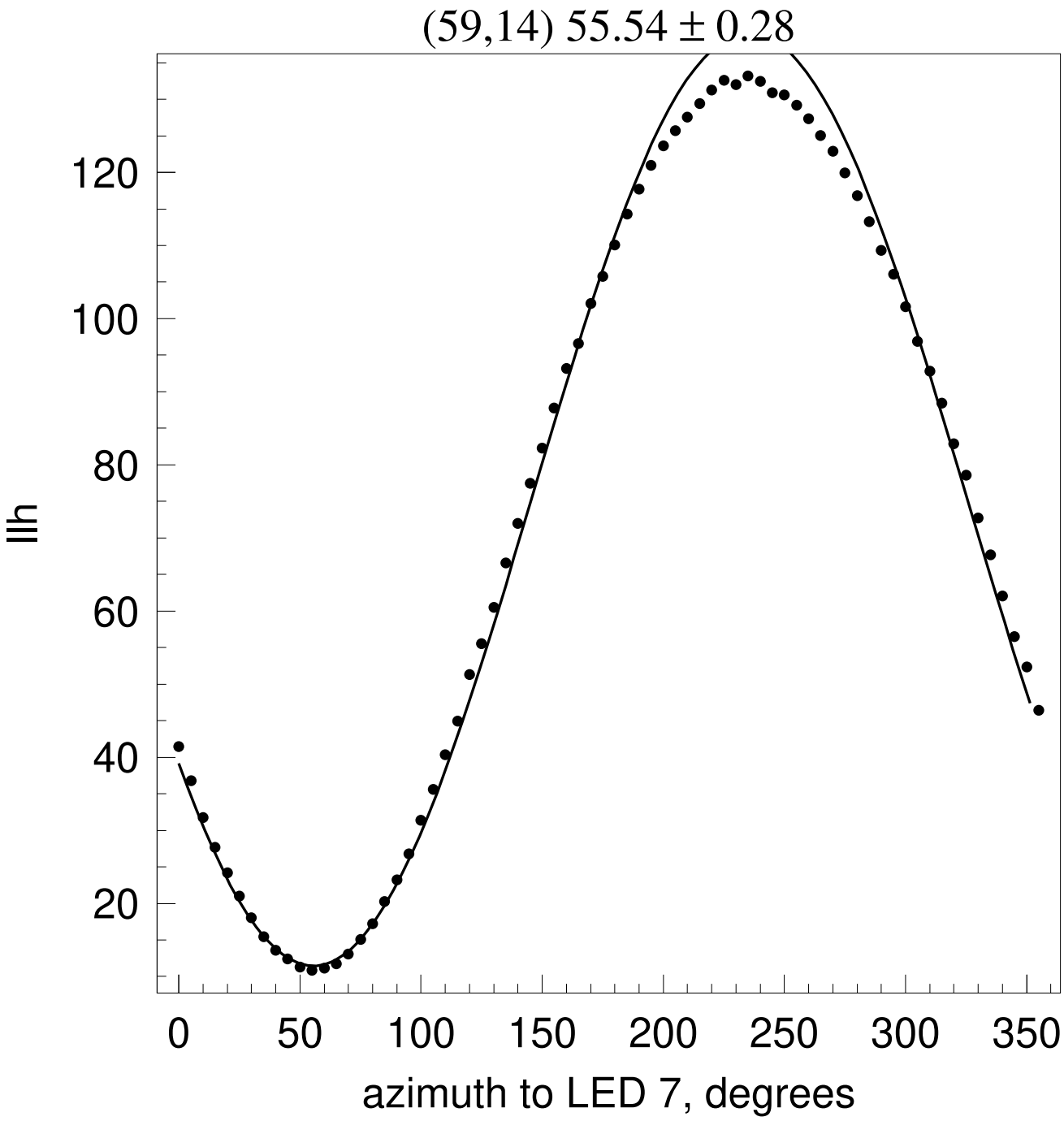

(59,9) 145.94 ± 0.46
28
26
24
22
20
18
16
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

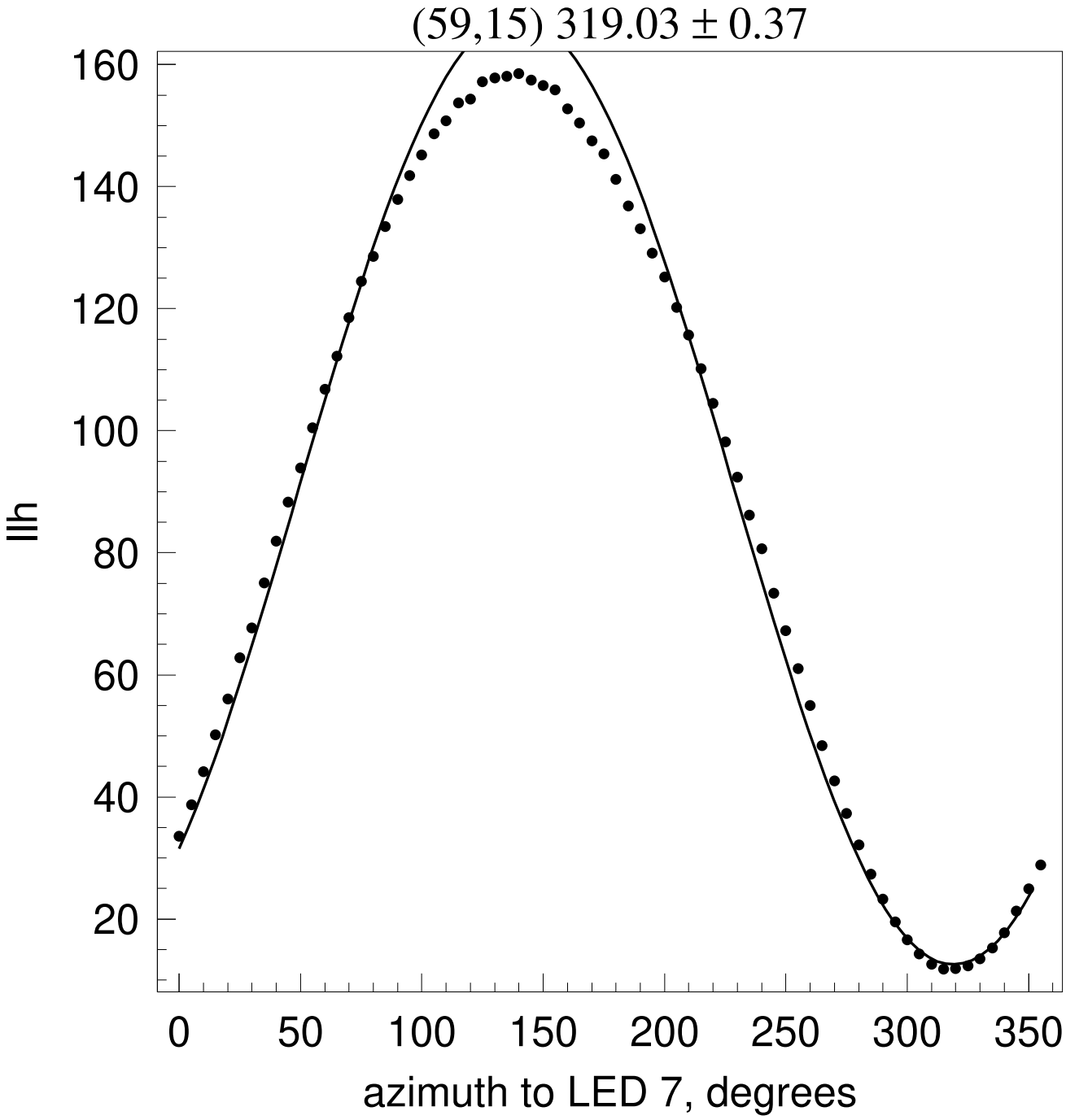

(59,10) 70.87 ± 0.26
35
32.5
30
27.5
25
22.5
20
17.5
15
12.5
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

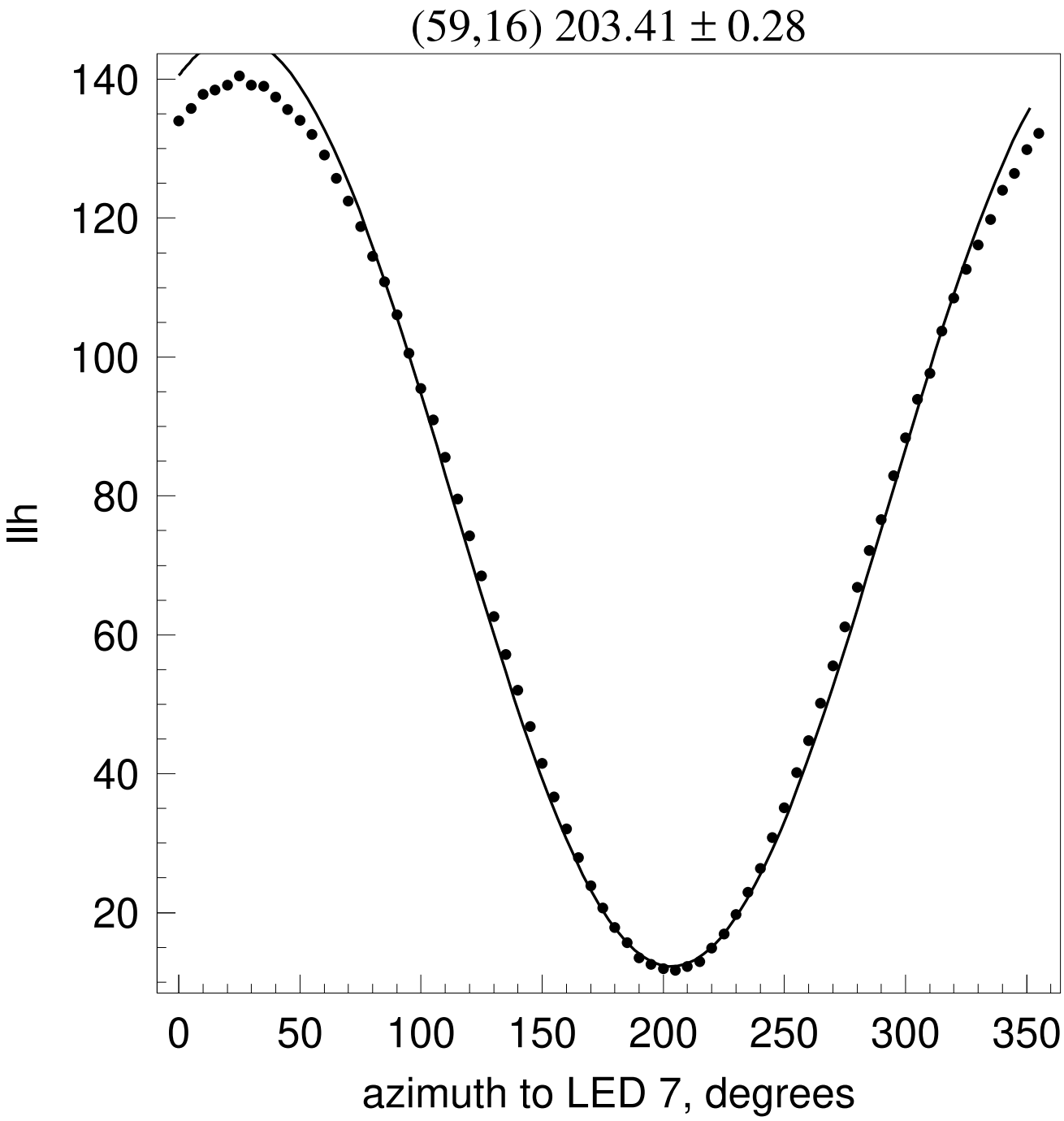

(59,11) 185.02 ± 0.41
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

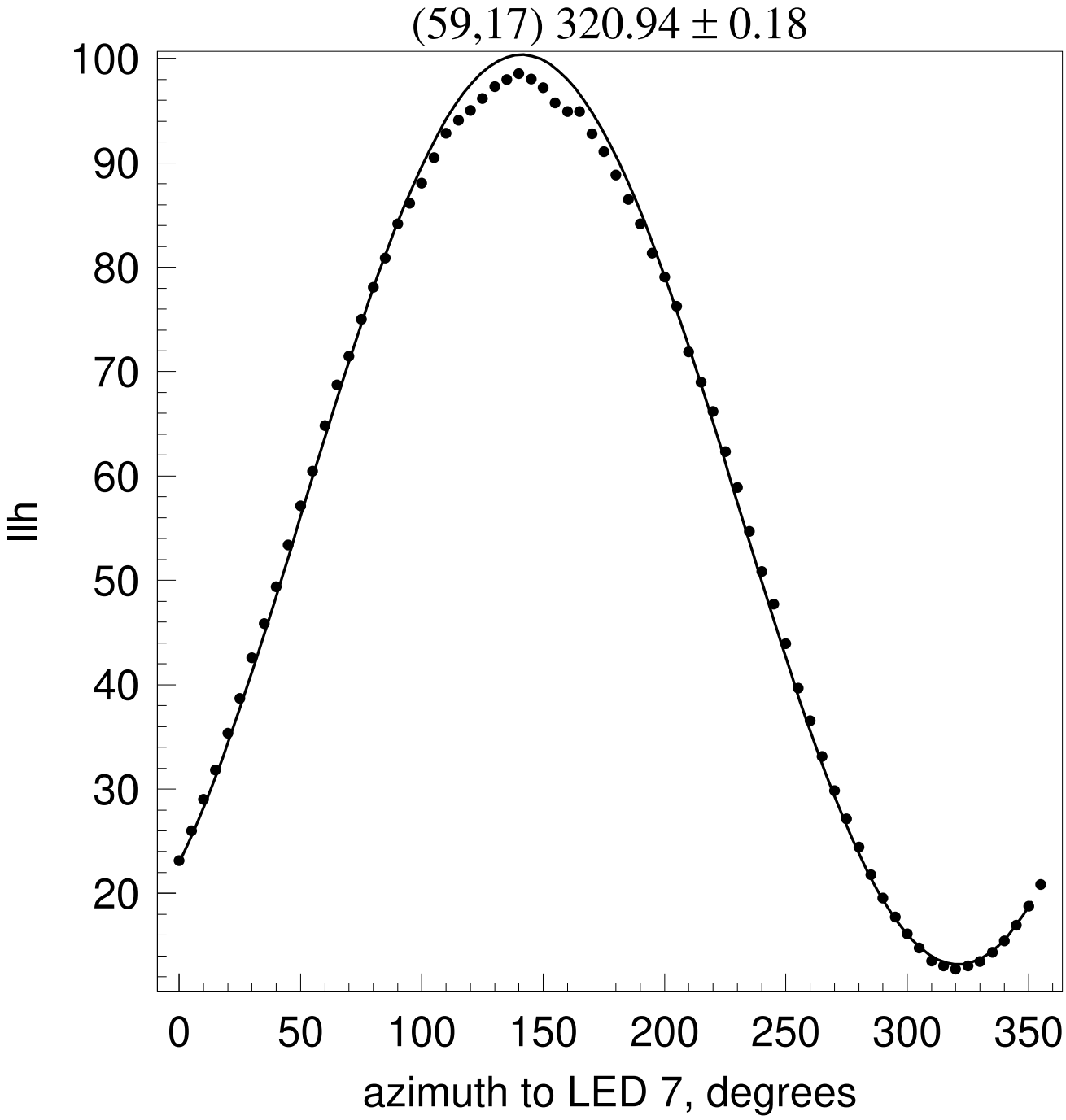

(59,12) 177.63 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

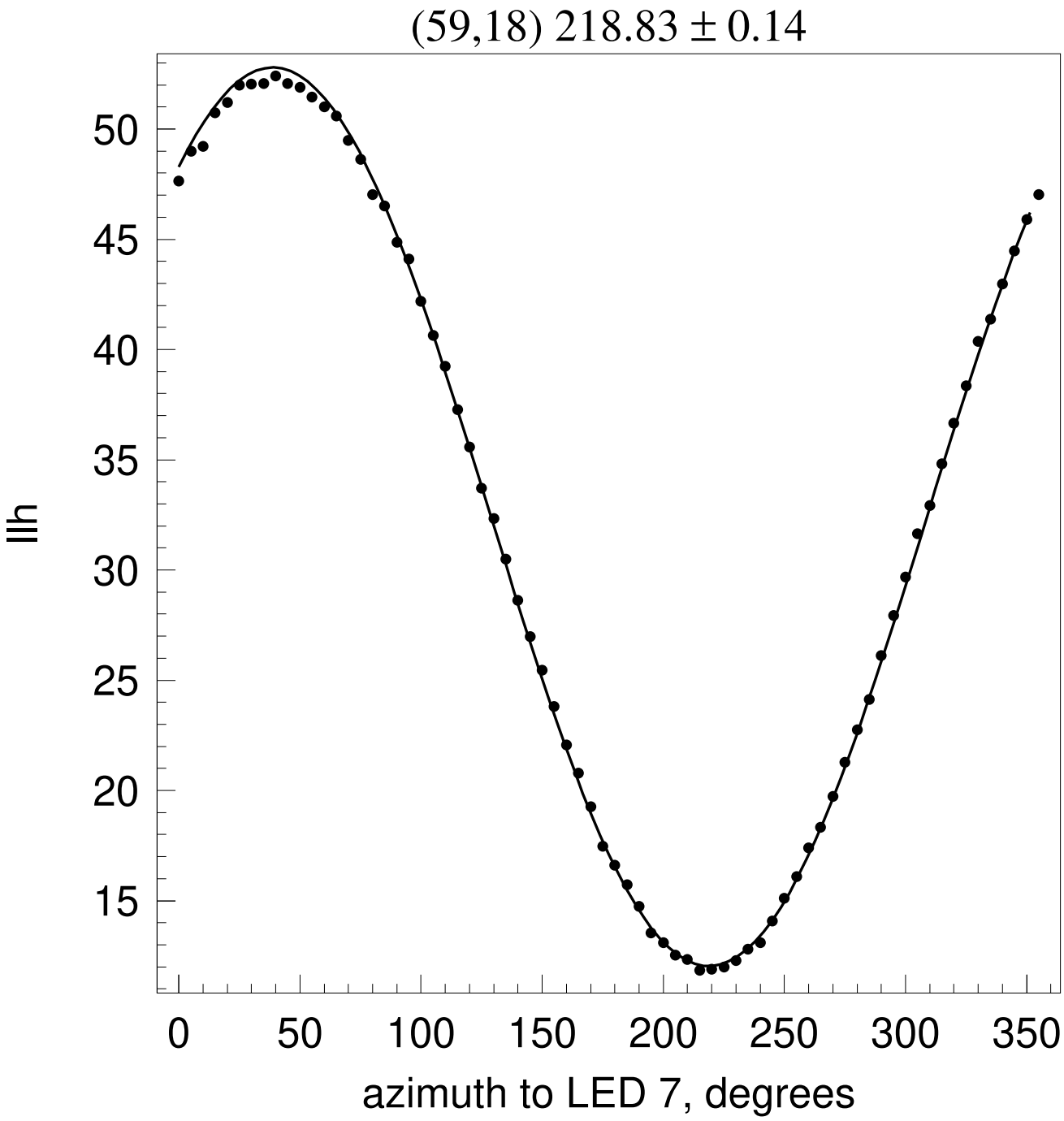

(59,13) 54.49 ± 0.07
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

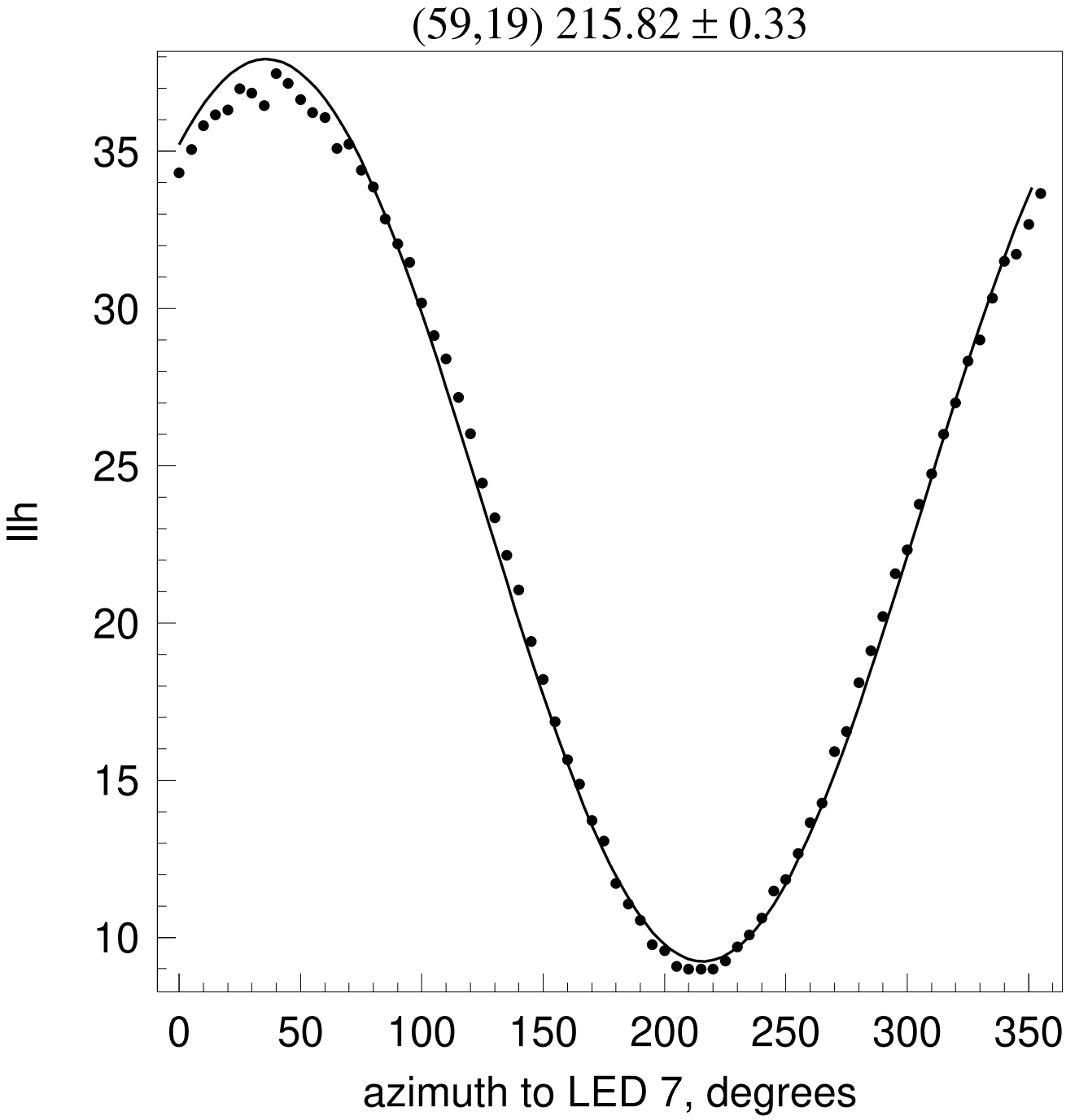

(59,14) 55.54 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

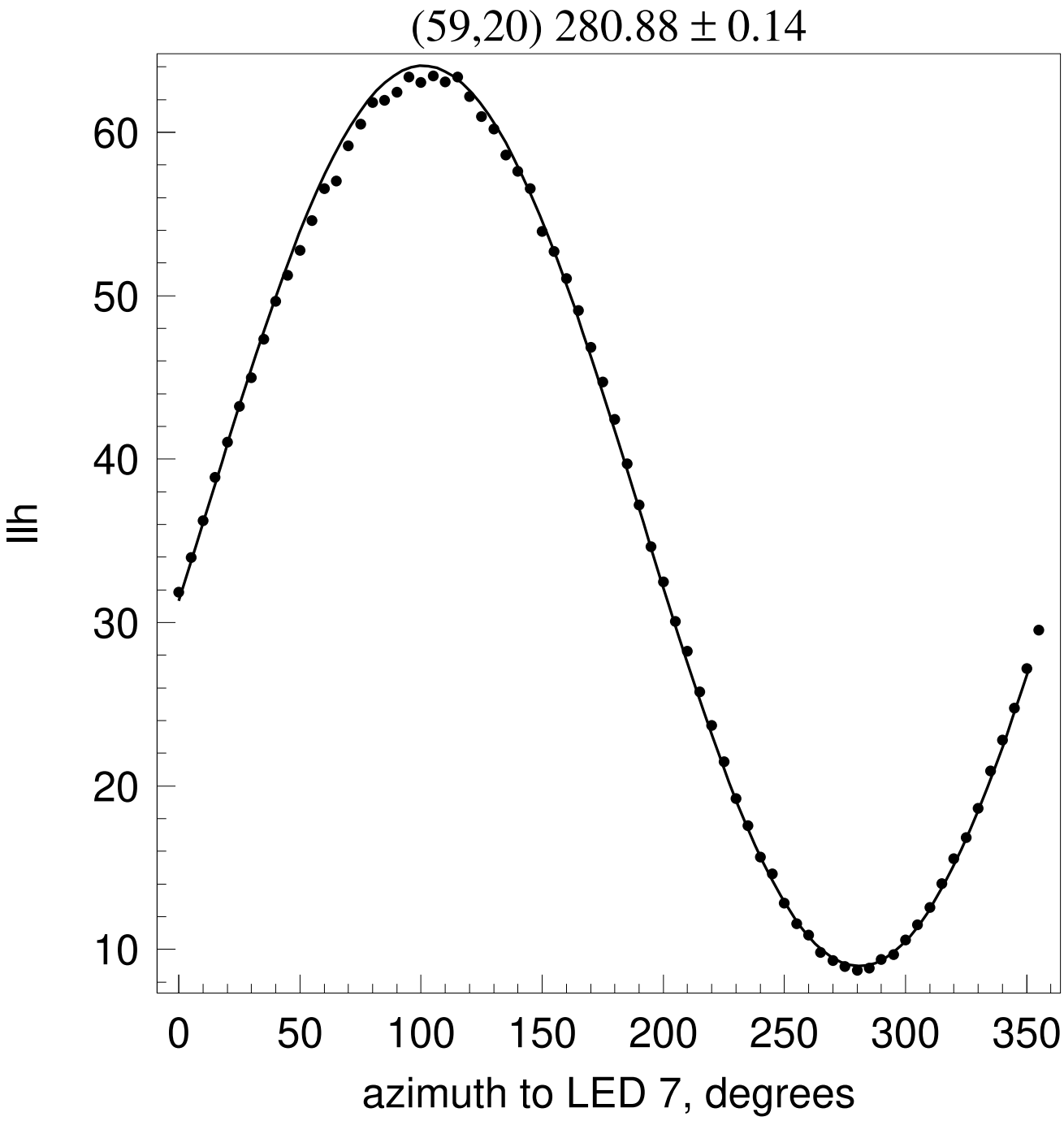

(59,15) 319.03 ± 0.37
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

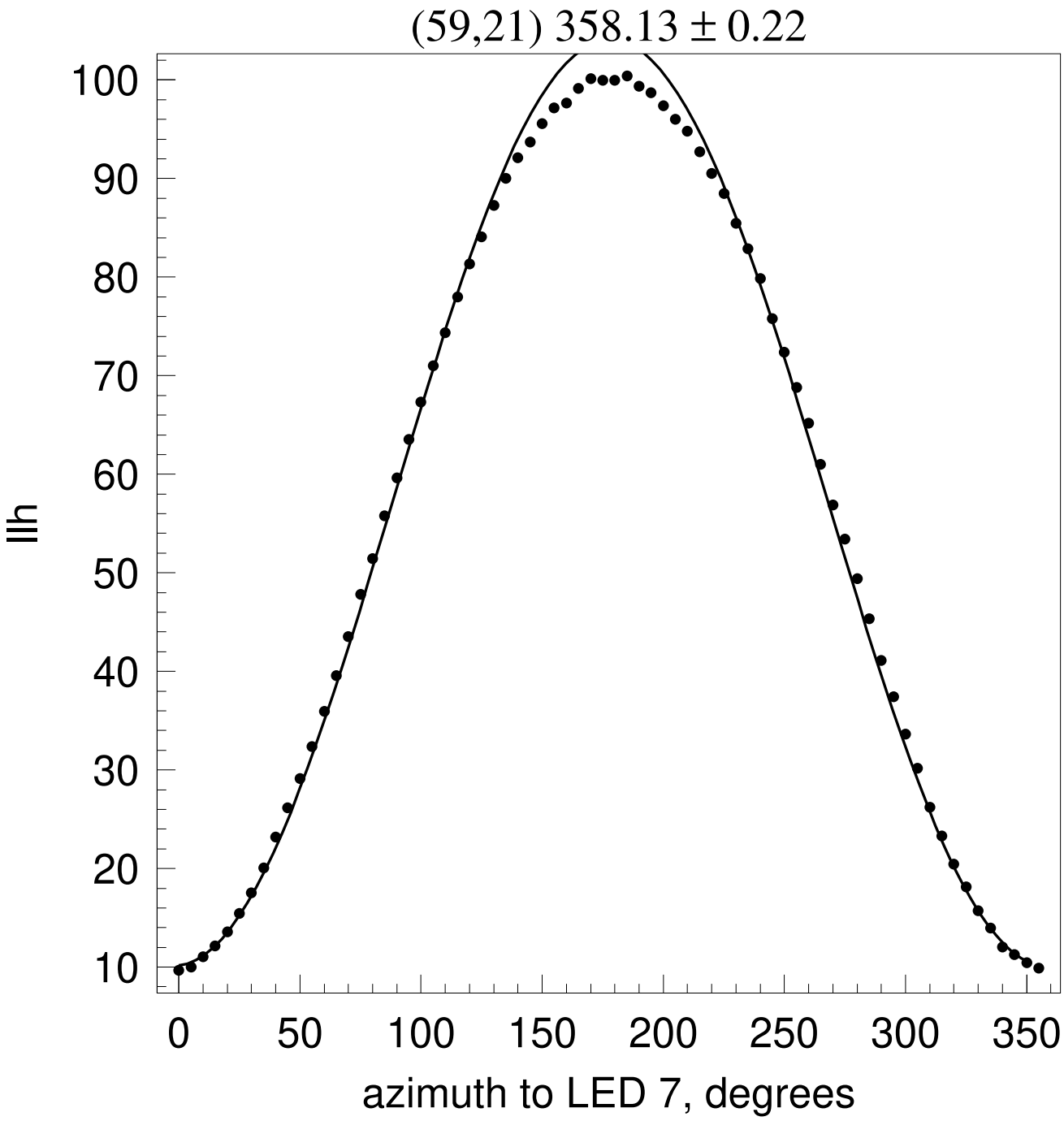

(59,16) 203.41 ± 0.28
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

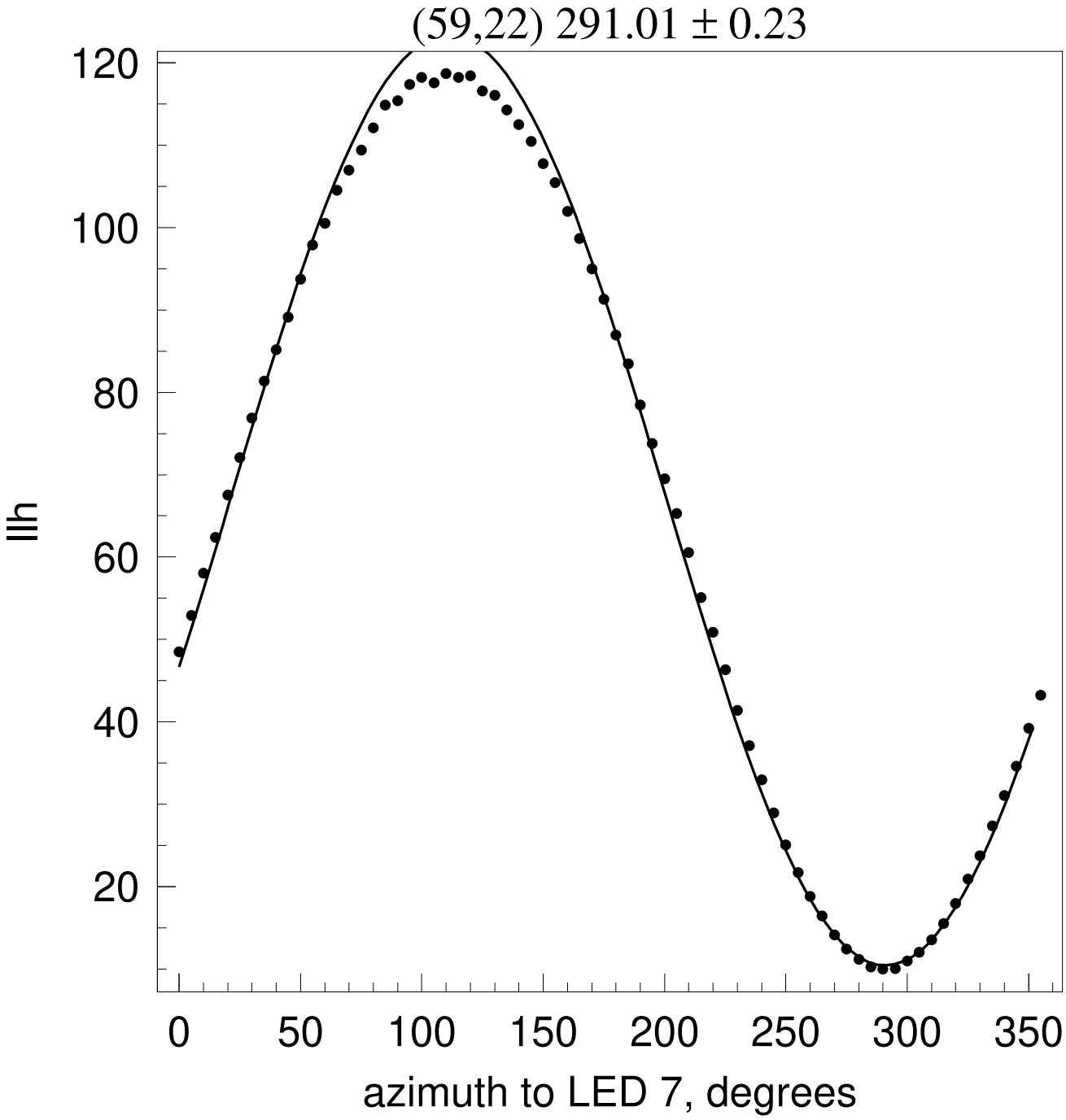

(59,17) 320.94 ± 0.18
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

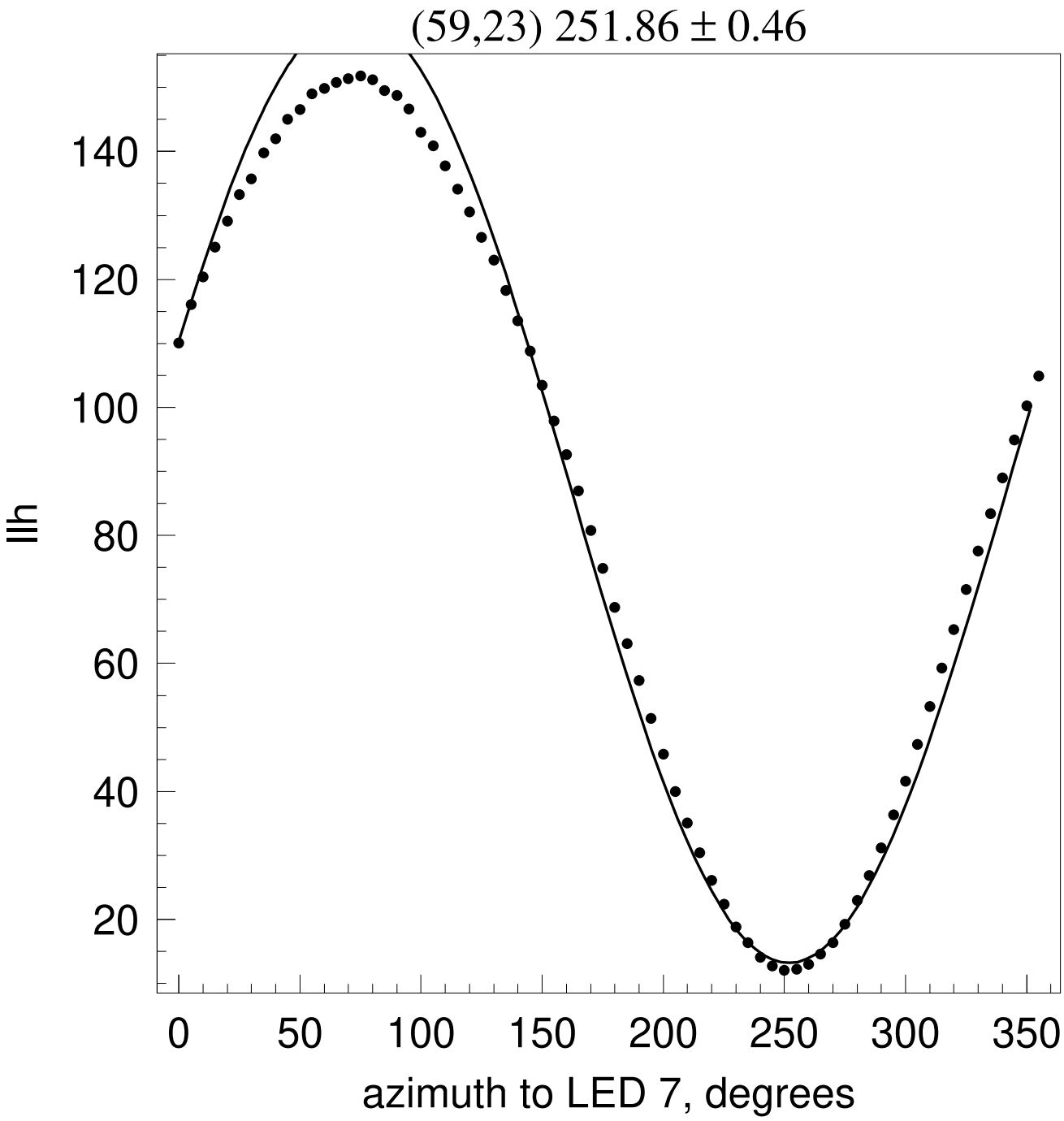

(59,18) 218.83 ± 0.14
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

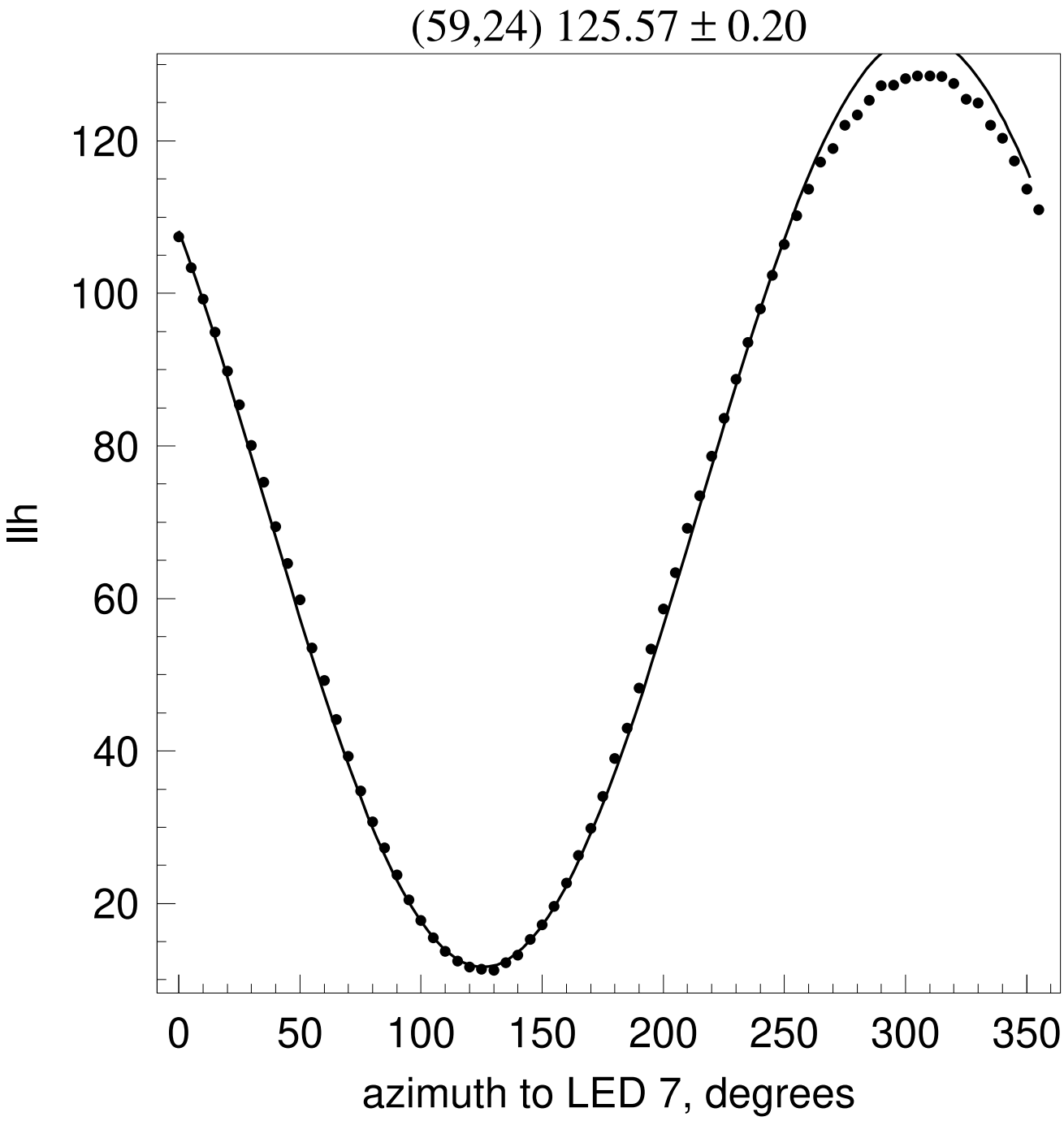

(59,19) 215.82 ± 0.33
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

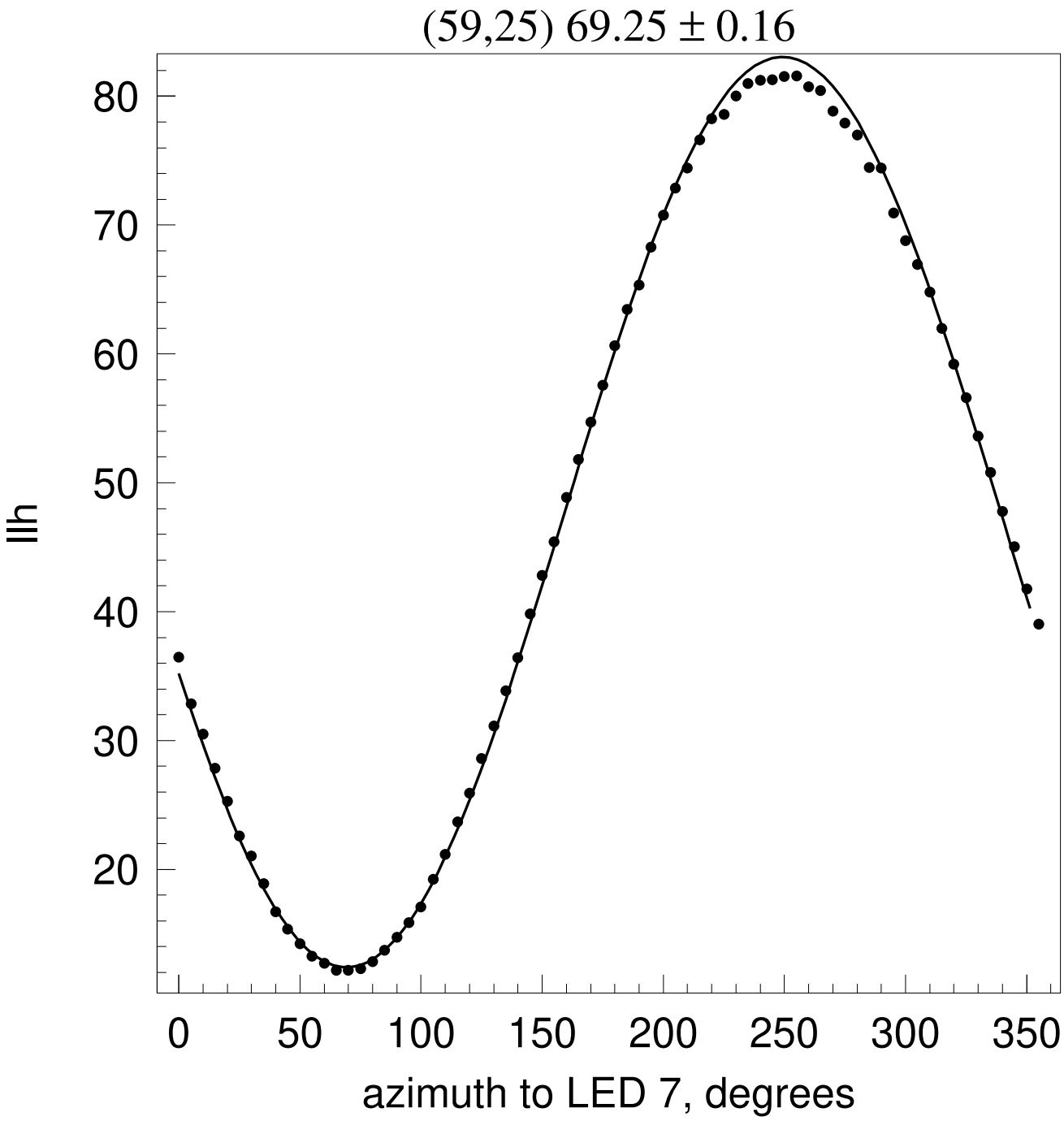

(59,20) 280.88 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

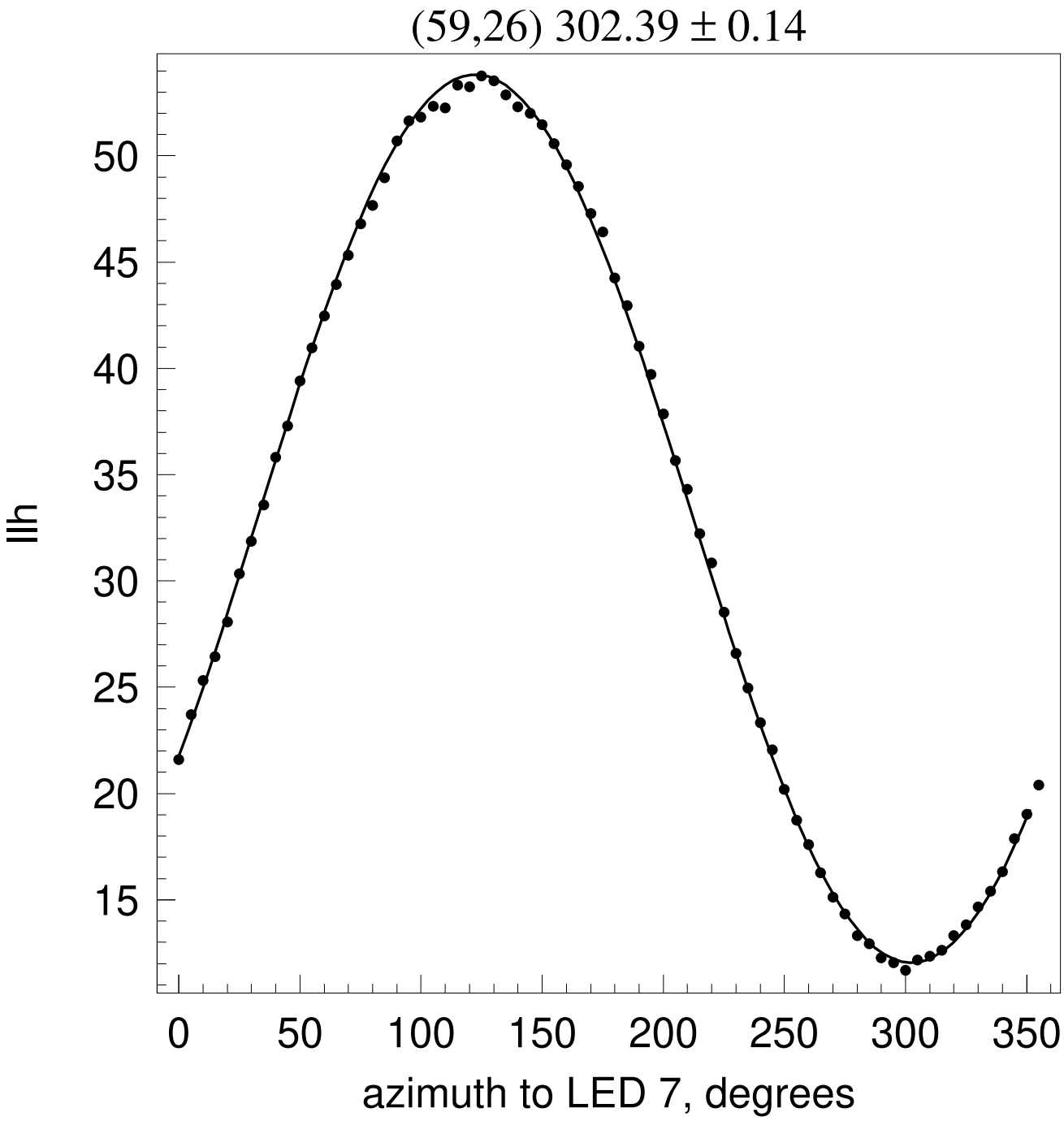

(59,21) 358.13 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

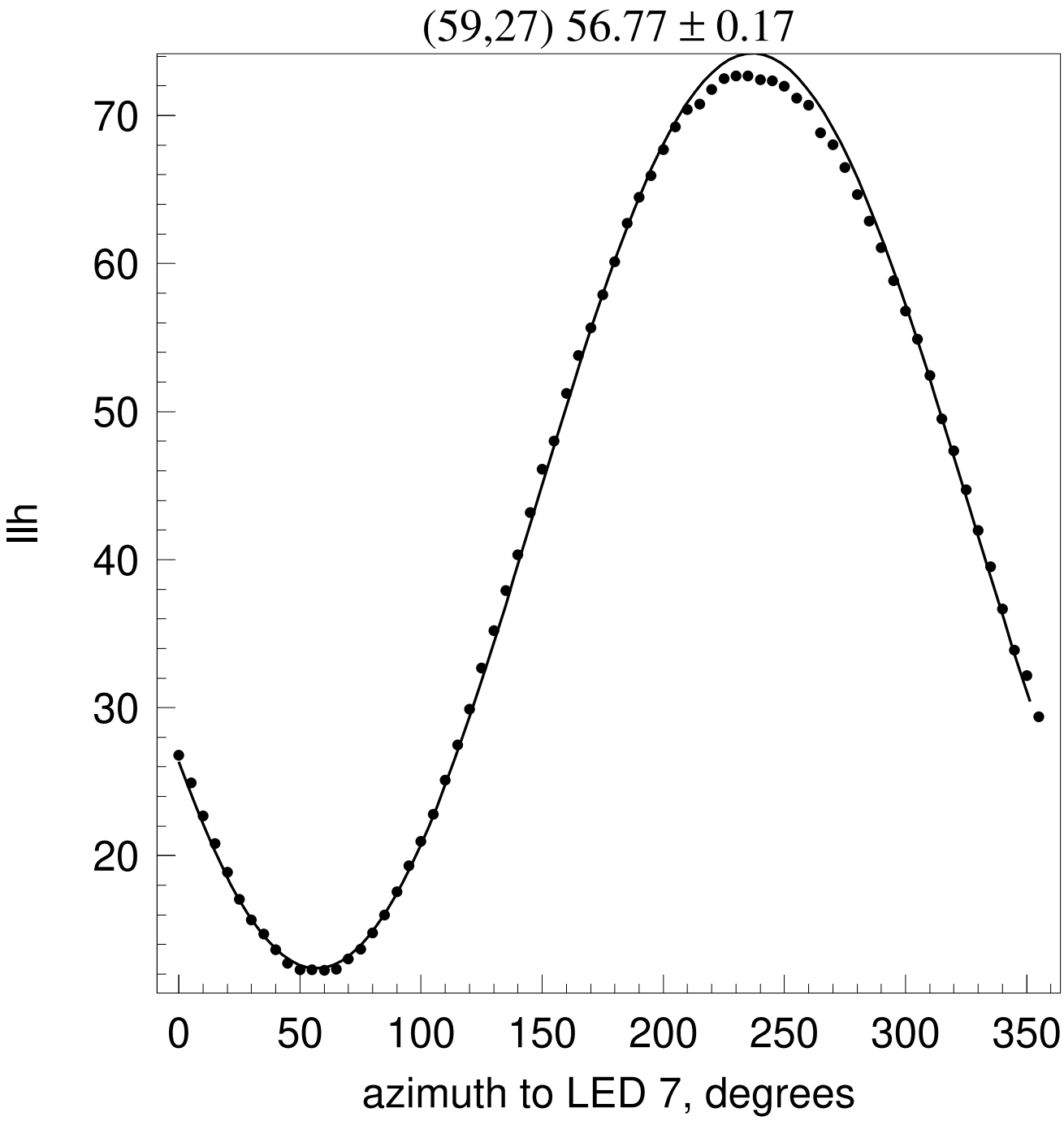

(59,22) 291.01 ± 0.23
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

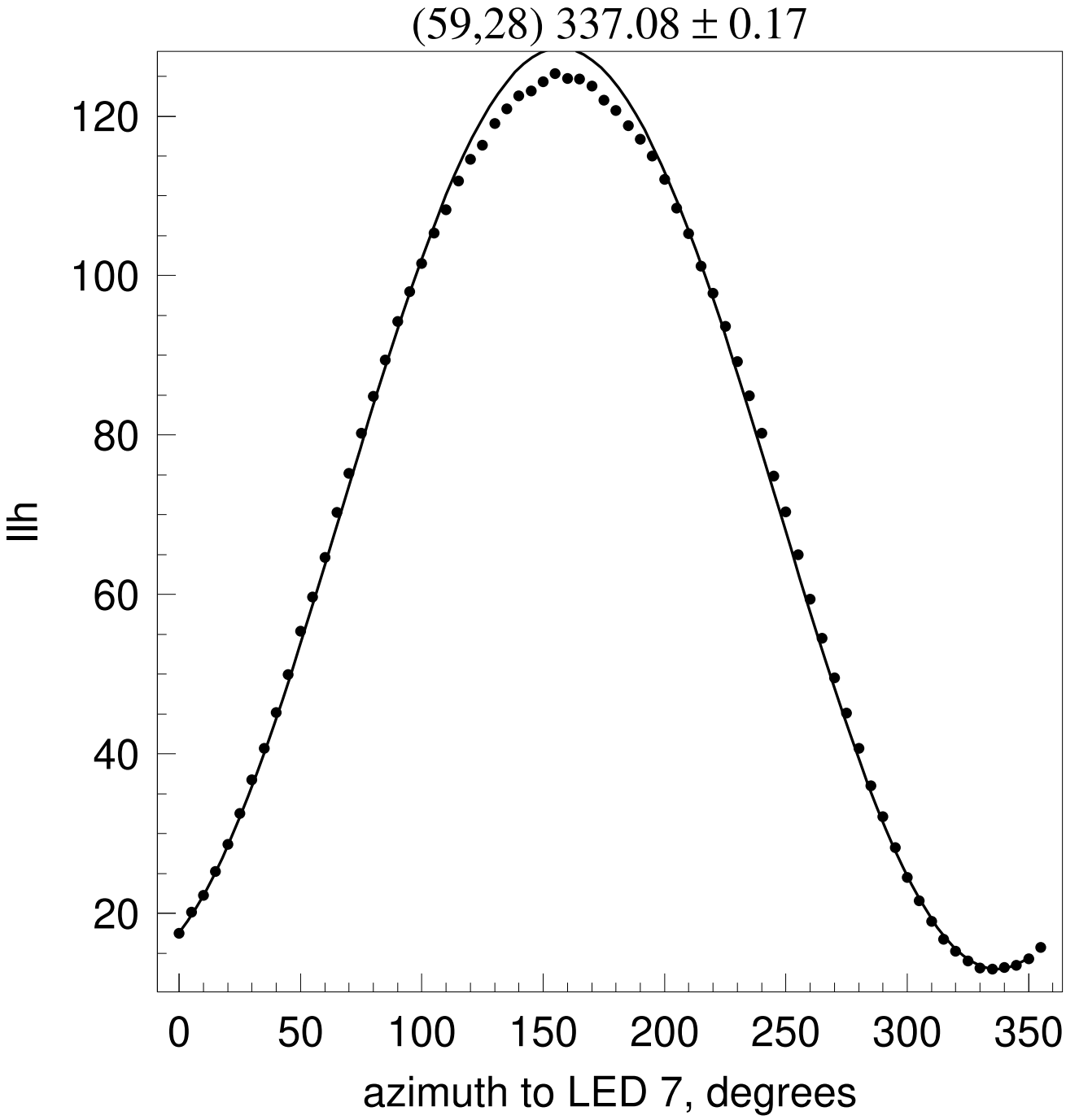

(59,23) 251.86 ± 0.46
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

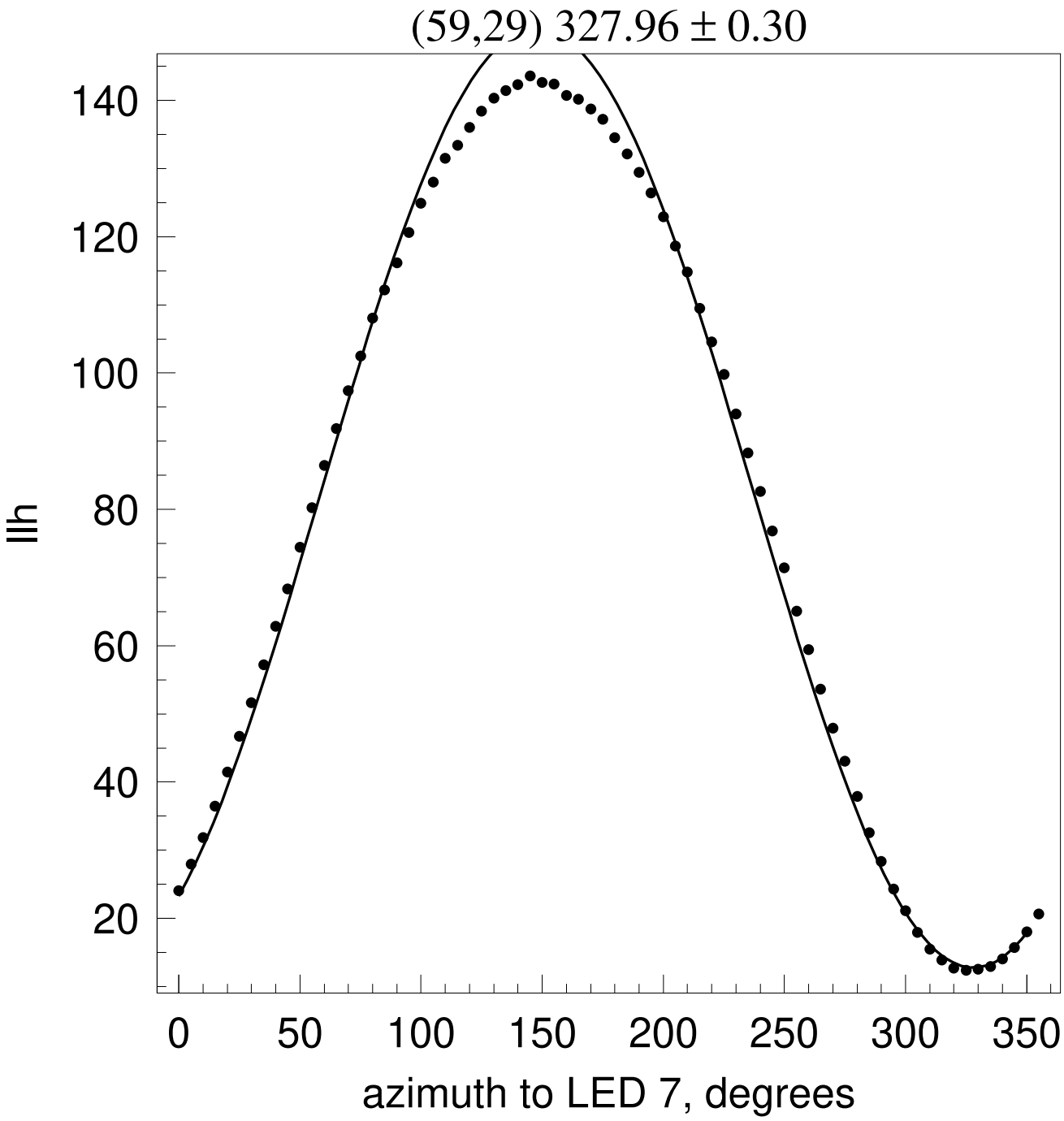

(59,24) 125.57 ± 0.20
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

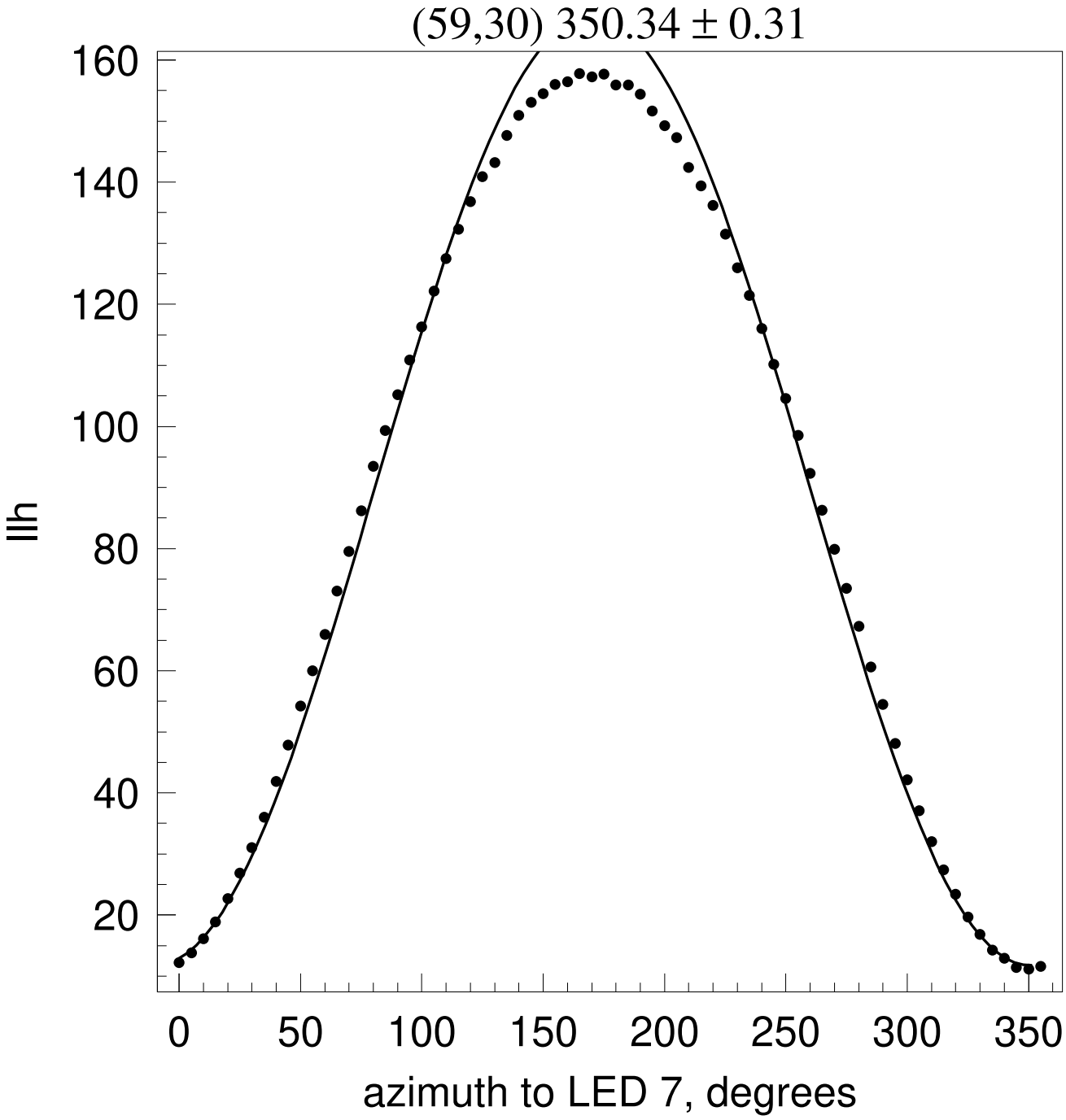

(59,25) 69.25 ± 0.16
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

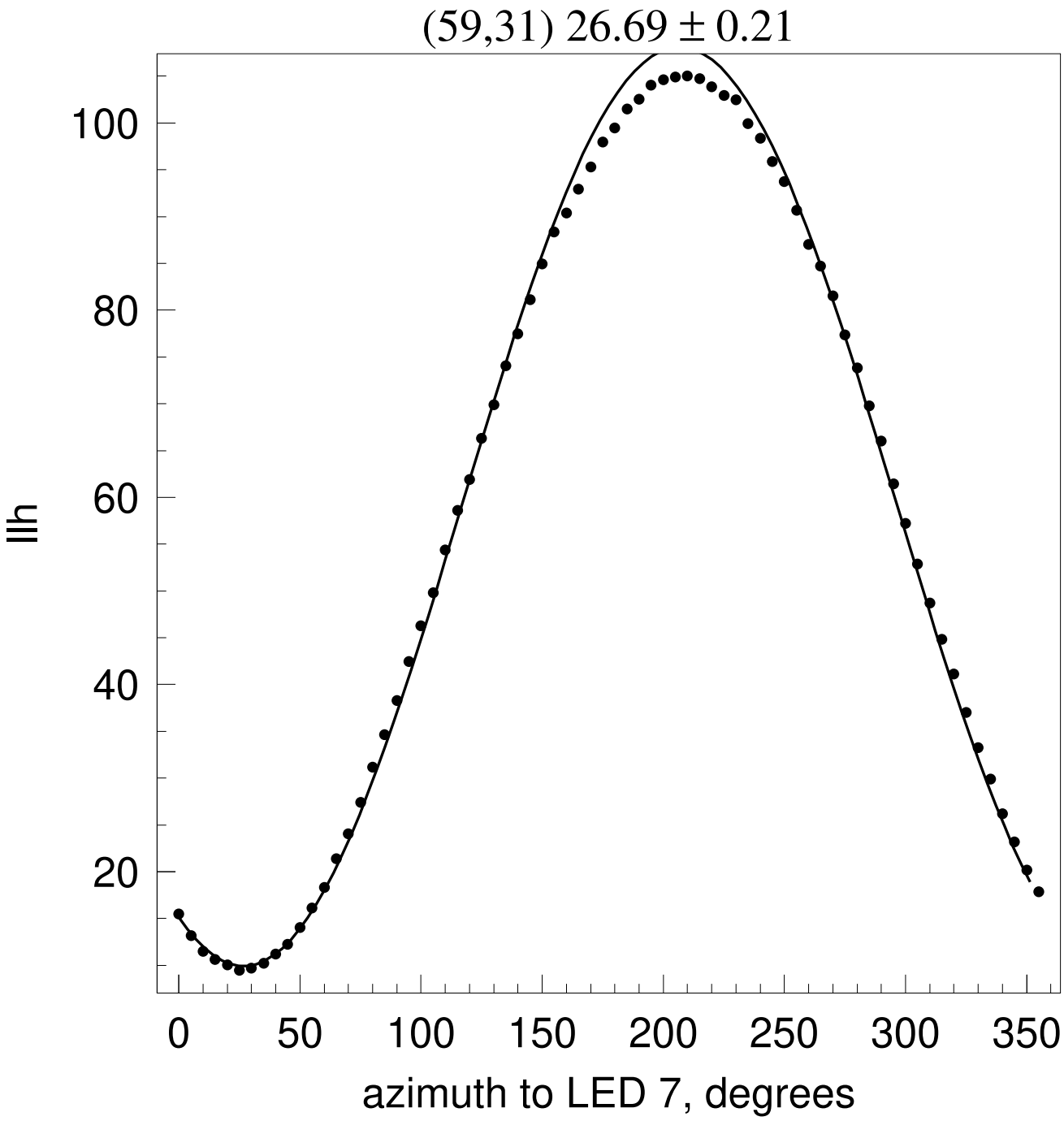

(59,26) 302.39 ± 0.14
50
45
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

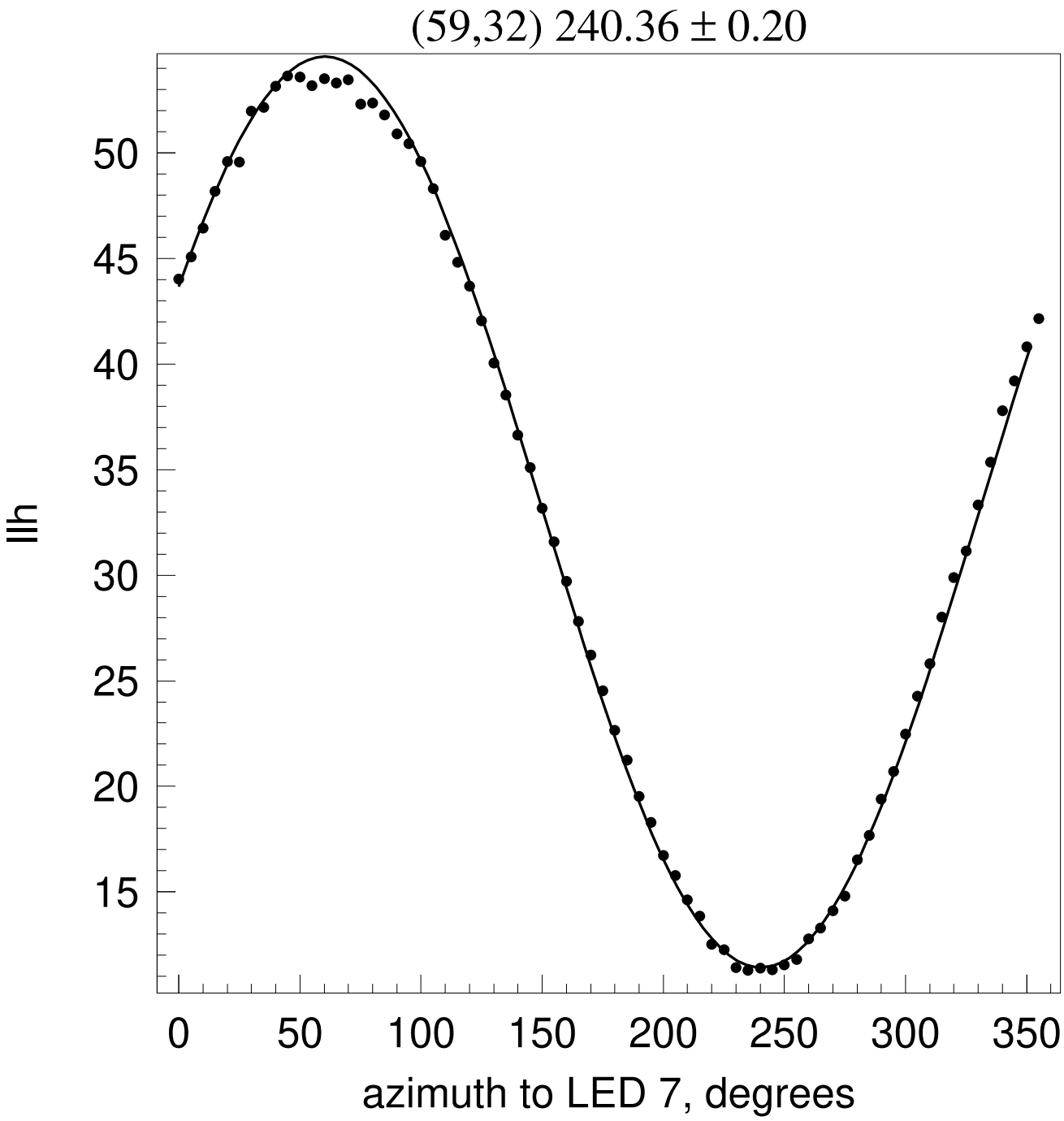

(59,27) 56.77 ± 0.17
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

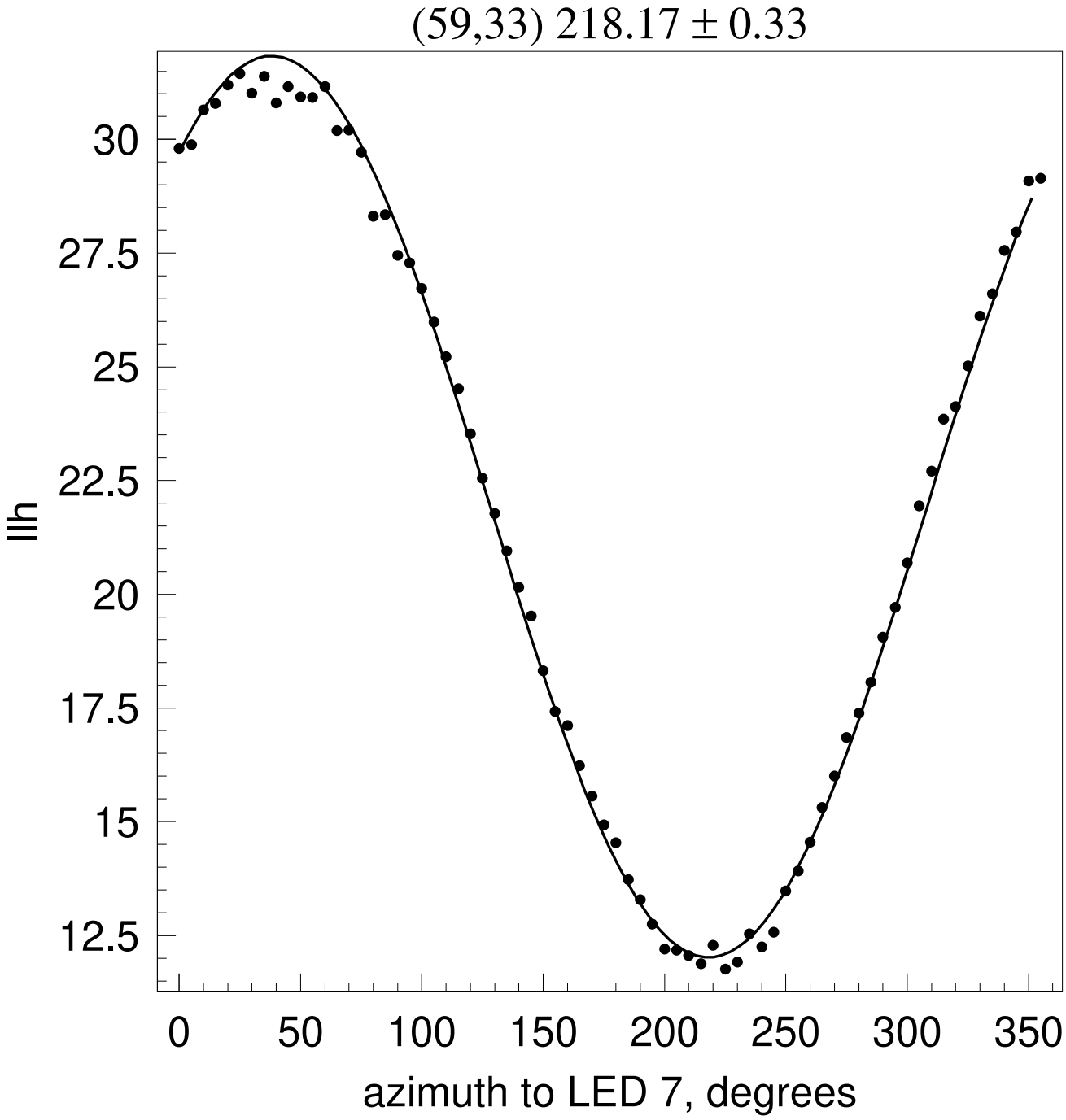

(59,28) 337.08 ± 0.17
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

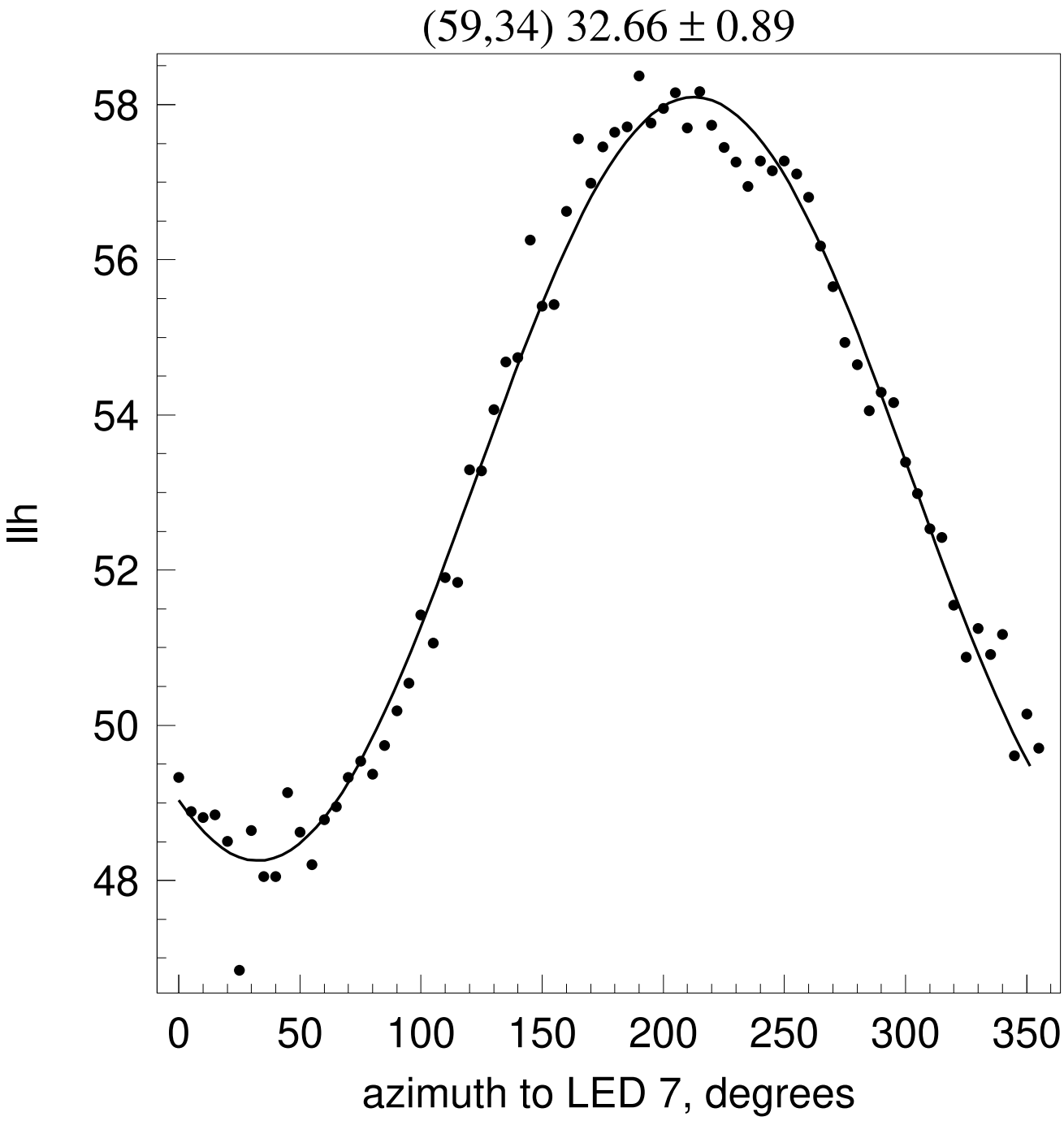

(59,29) 327.96 ± 0.30
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

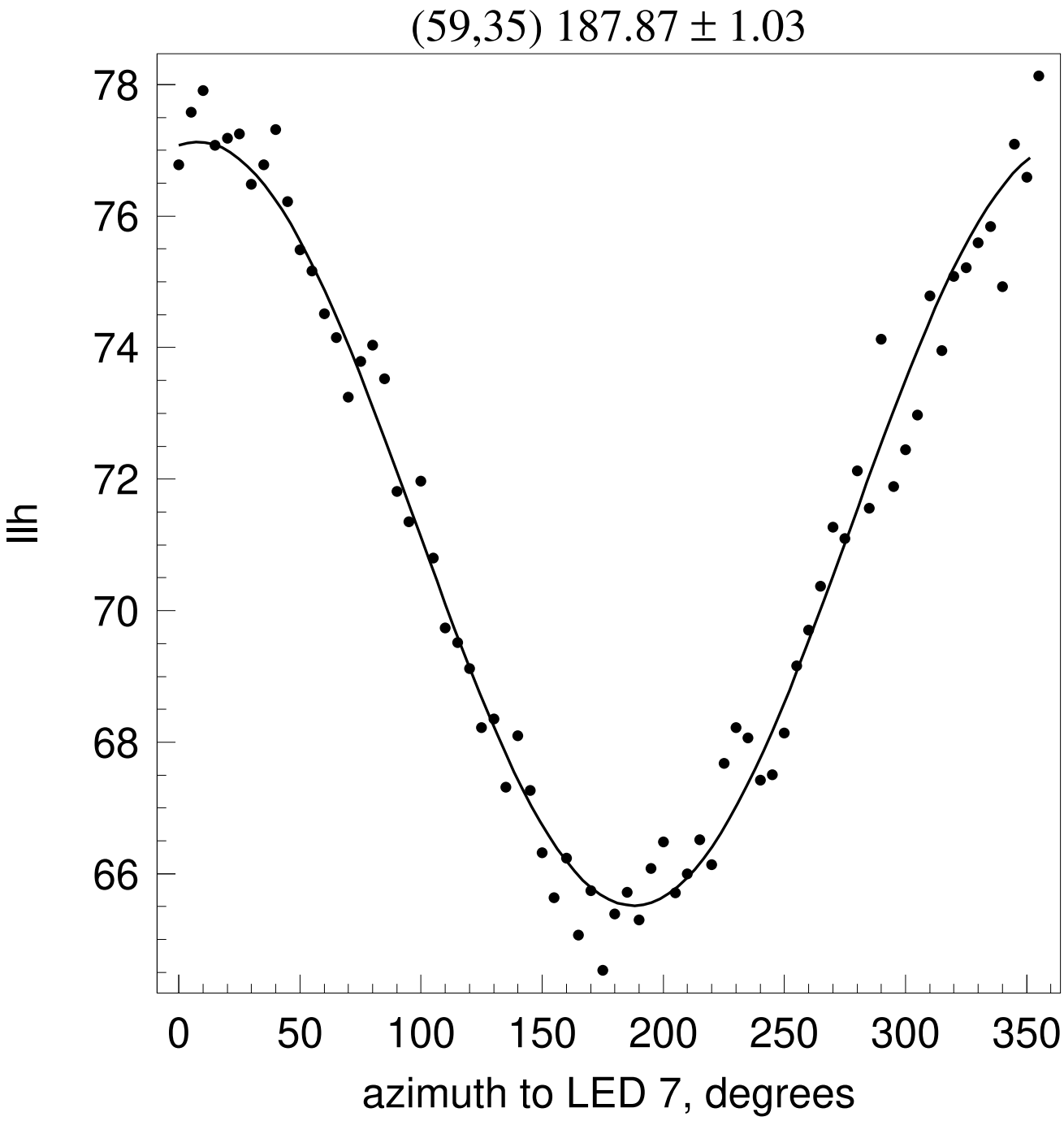

(59,30) 350.34 ± 0.31
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

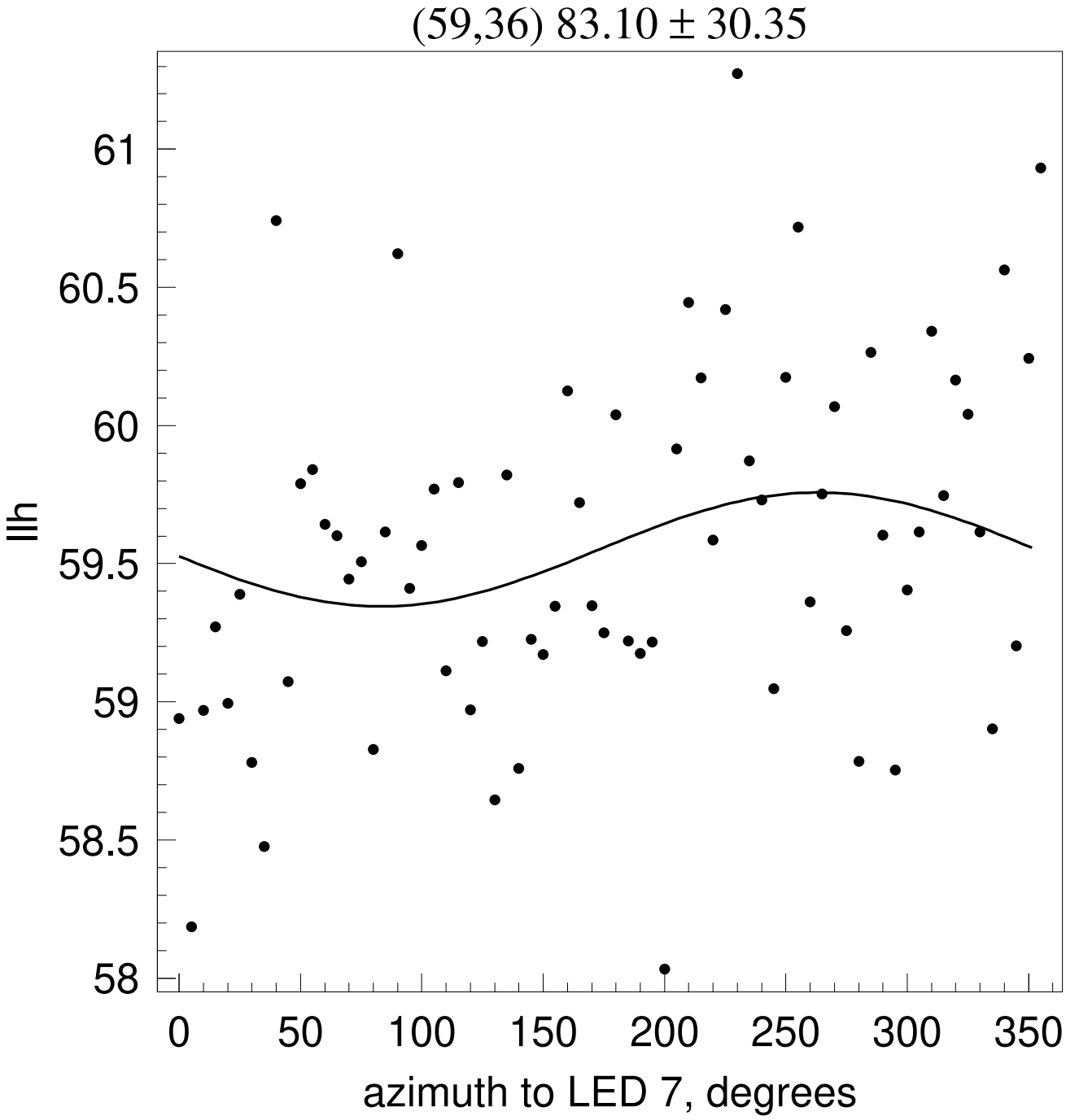

(59,31) 26.69 ± 0.21
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

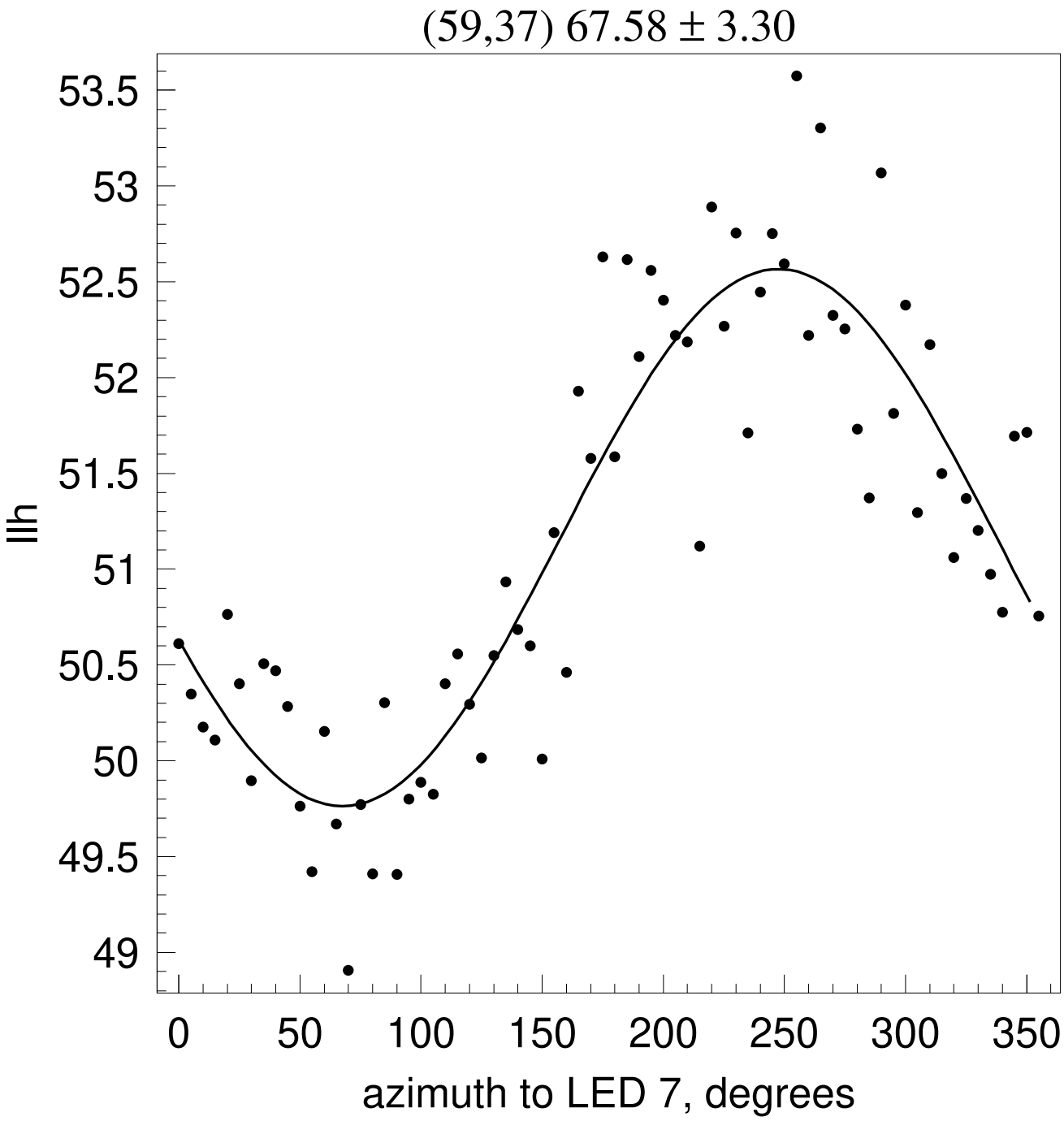

(59,32) 240.36 ± 0.20
llh
50
45
40
35
30
25
20
15
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

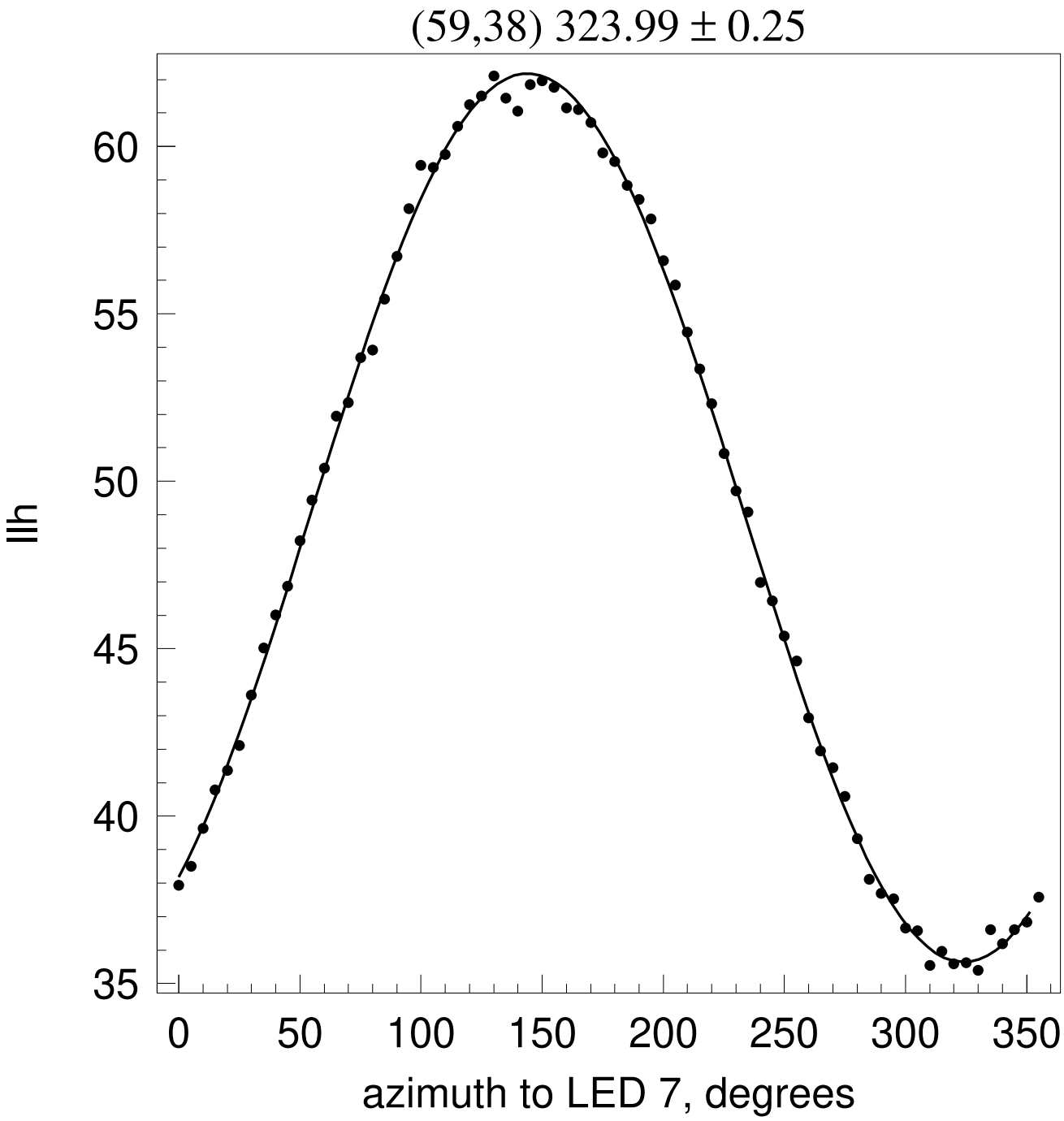

(59,33) 218.17 ± 0.33
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

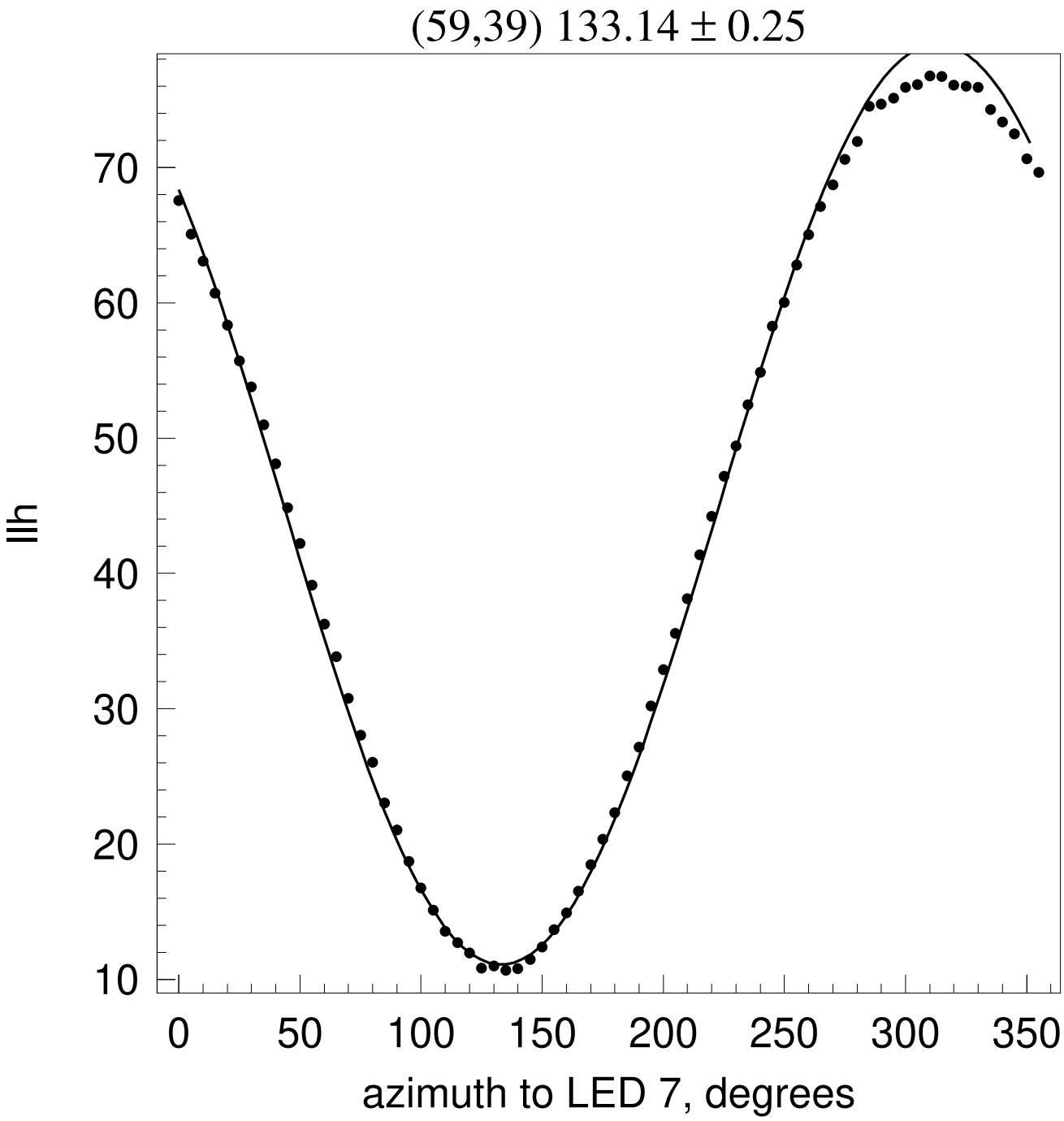

(59,34) 32.66 ± 0.89
58
56
54
52
50
48
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

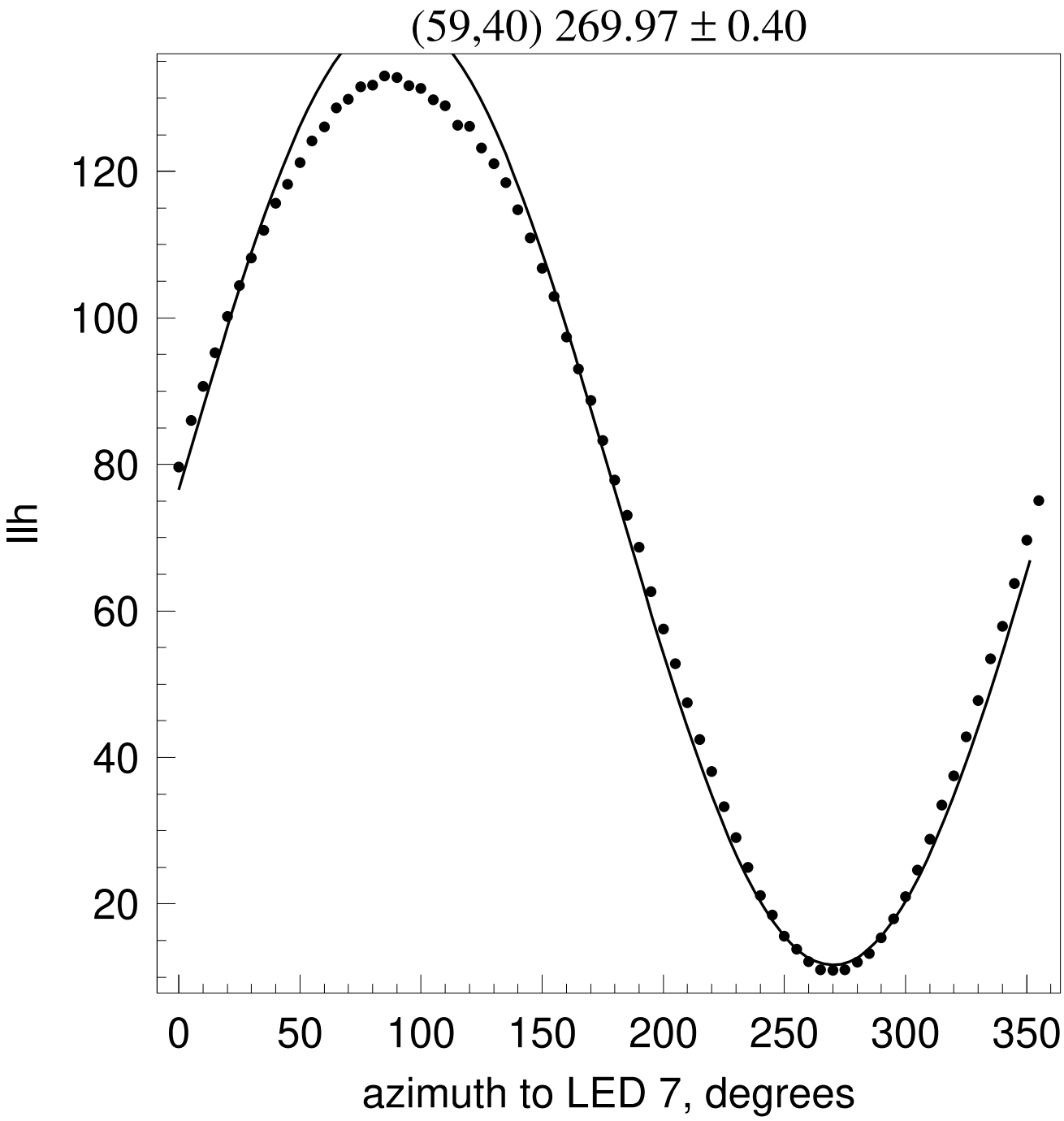

(59,35) 187.87 ± 1.03
78
76
74
72
70
68
66
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

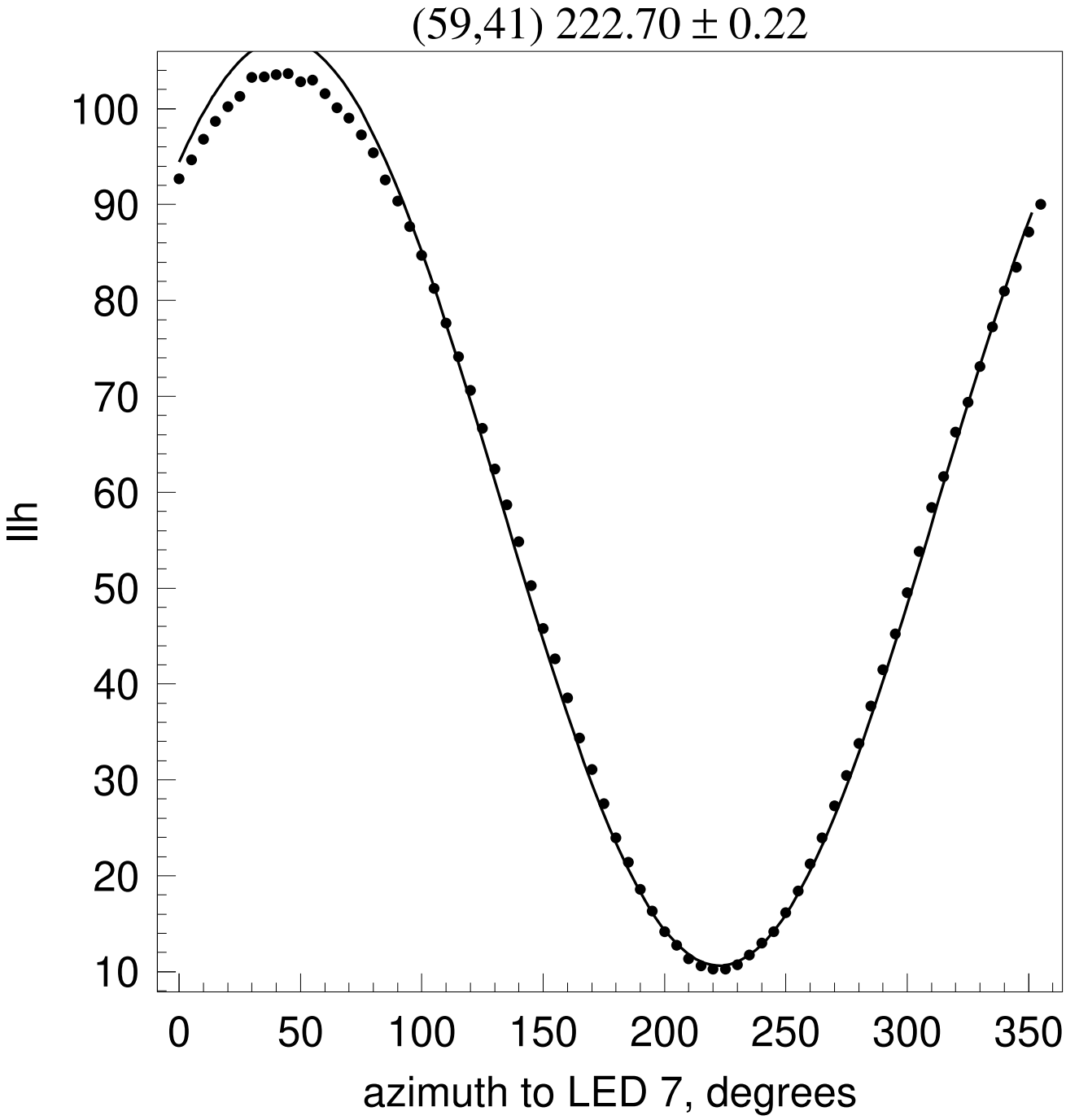

(59,36) 83.10 ± 30.35
llh
61
60.5
60
59.5
59
58.5
58
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

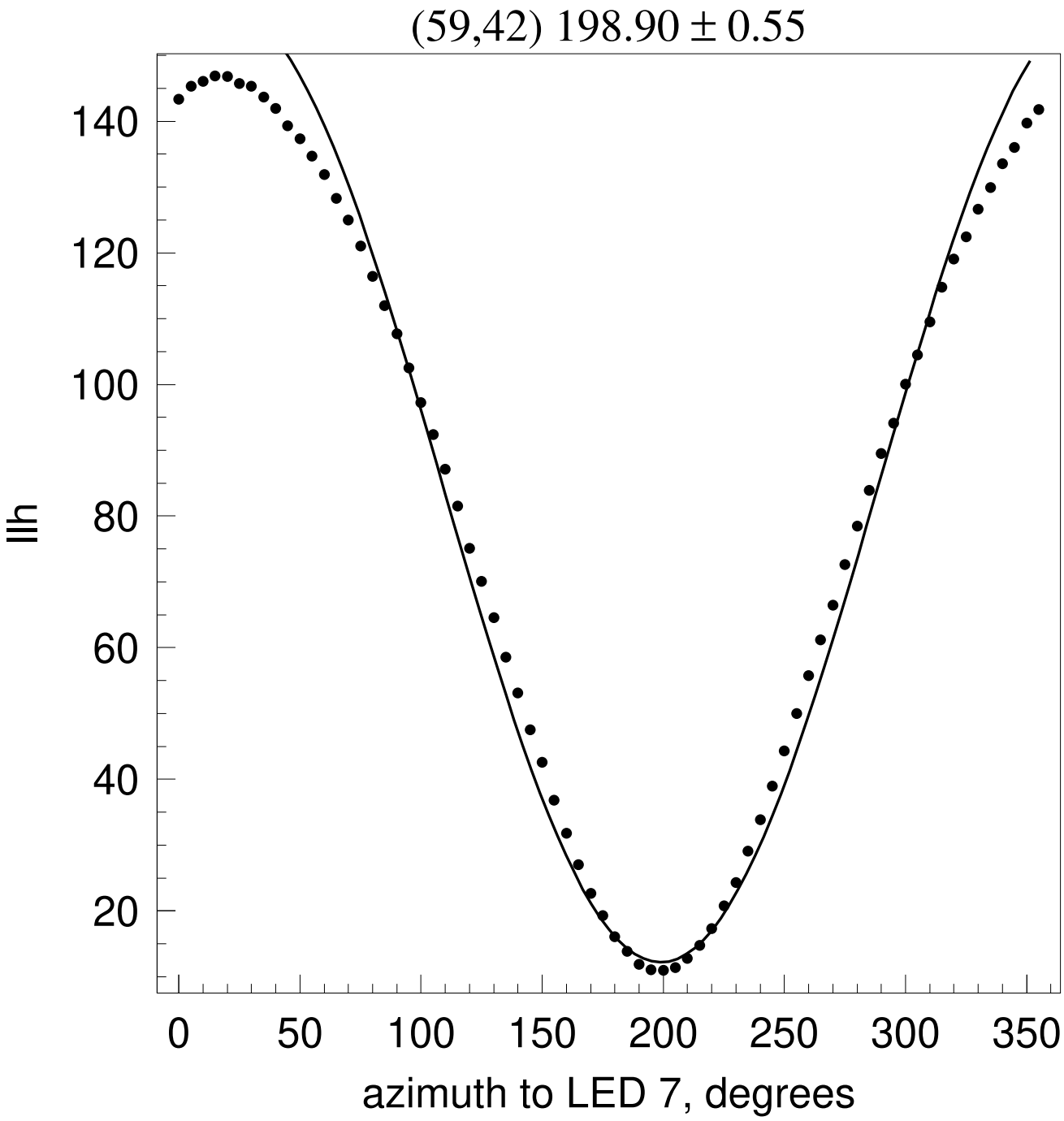

(59,37) 67.58 ± 3.30
53.5
53
52.5
52
51.5
51
50.5
50
49.5
49
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

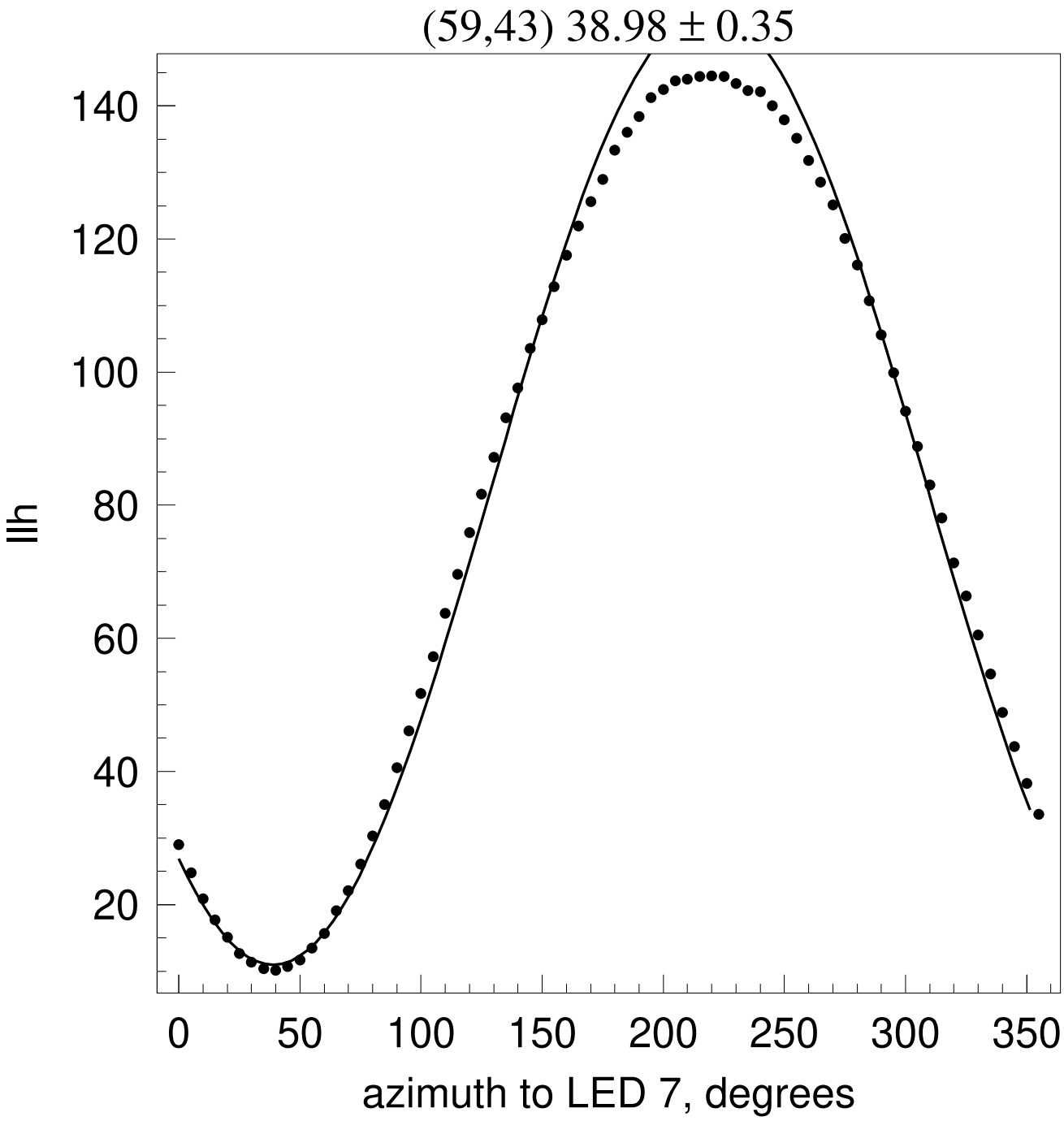

(59,38) 323.99 ± 0.25
60
55
50
45
40
35
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

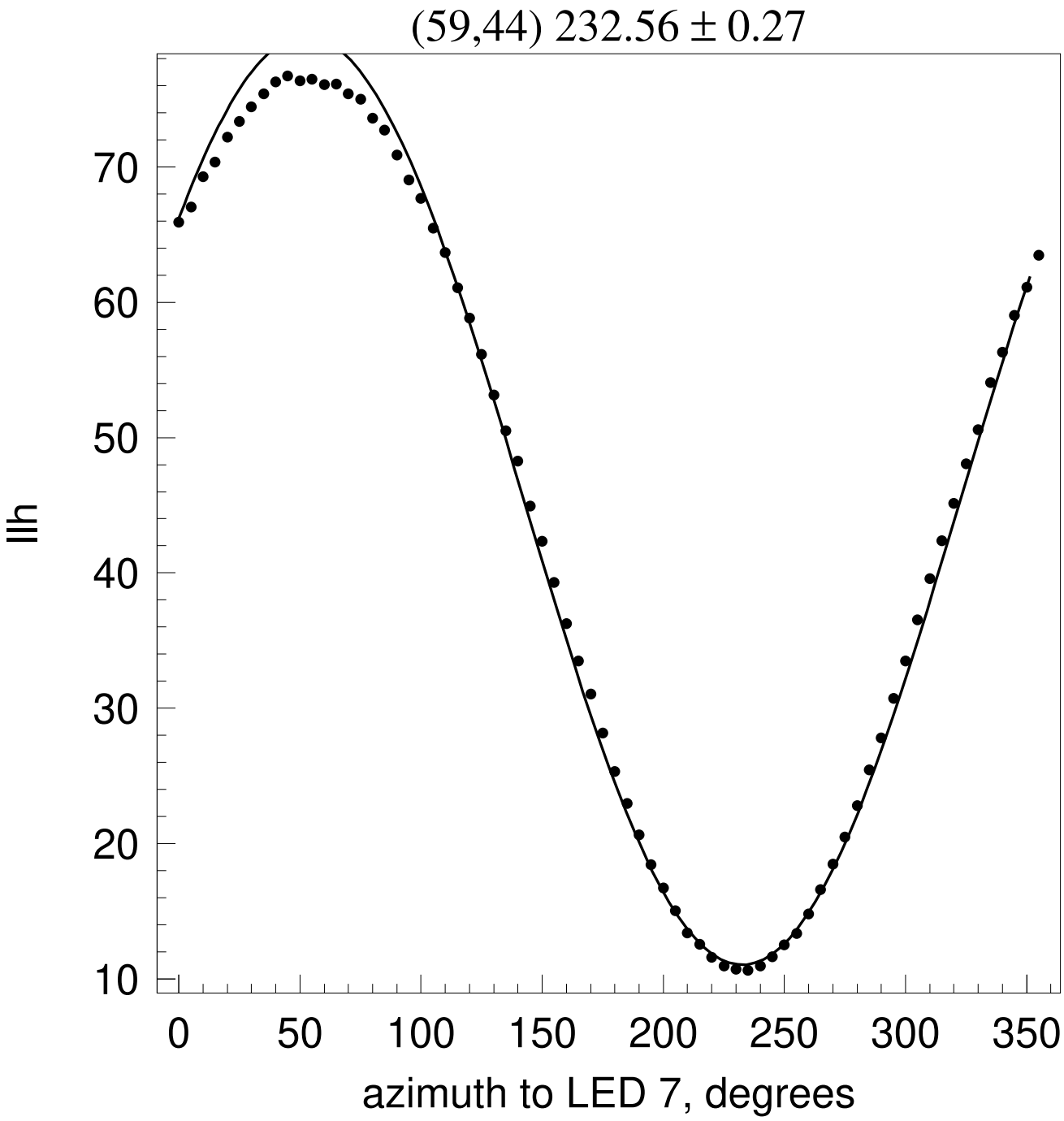

(59,39) 133.14 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

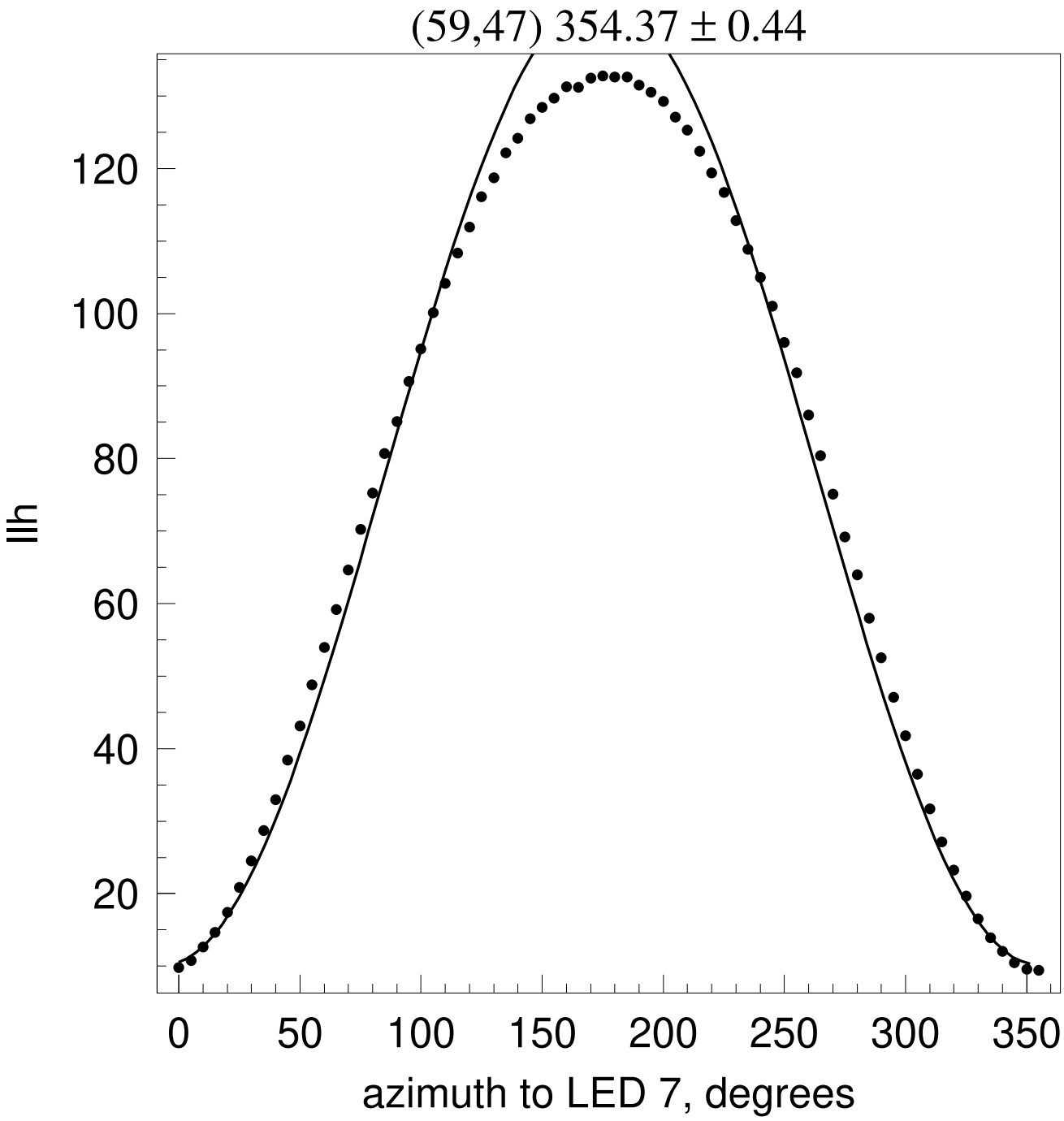

(59,40) 269.97 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

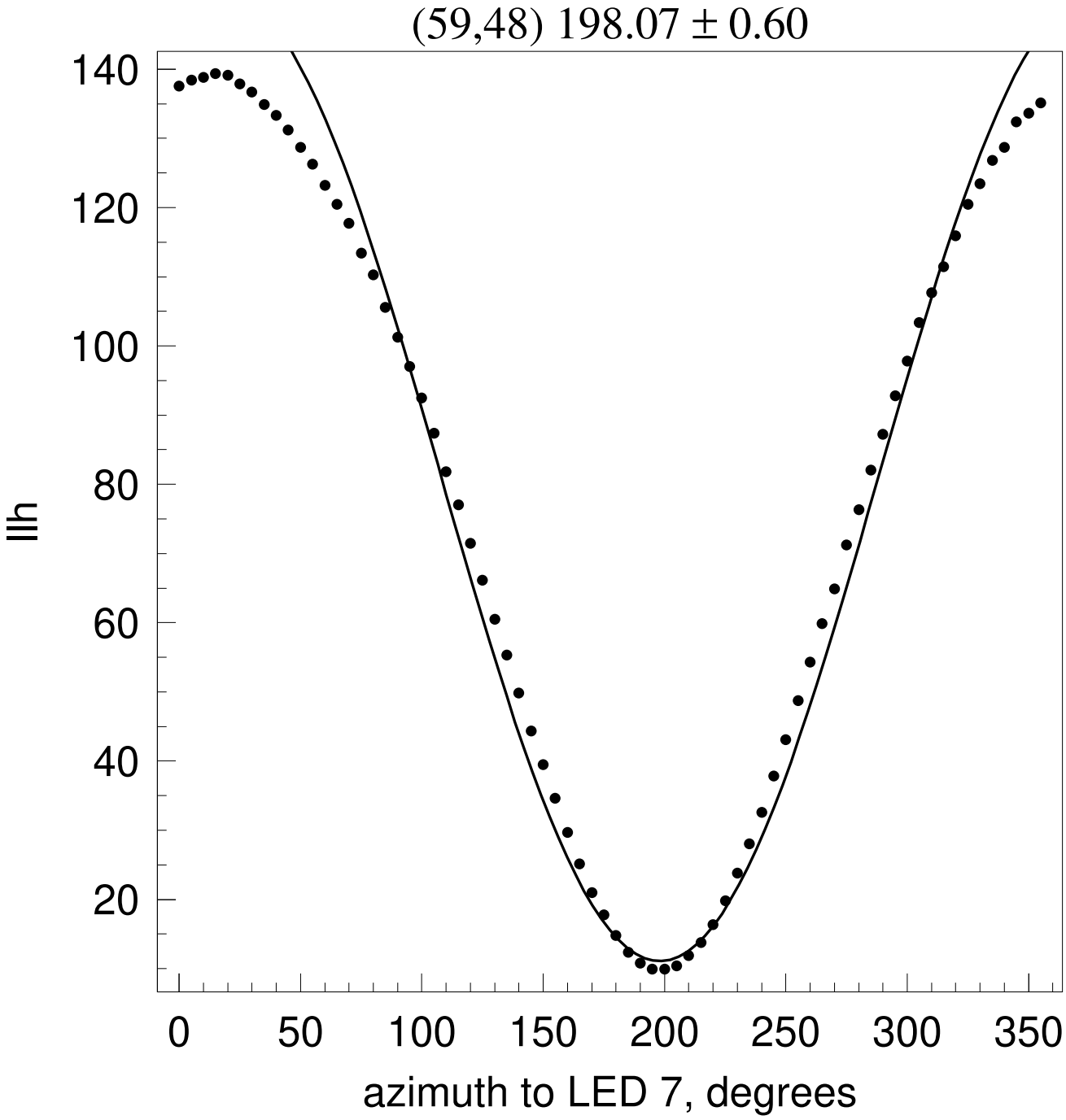

(59,41) 222.70 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

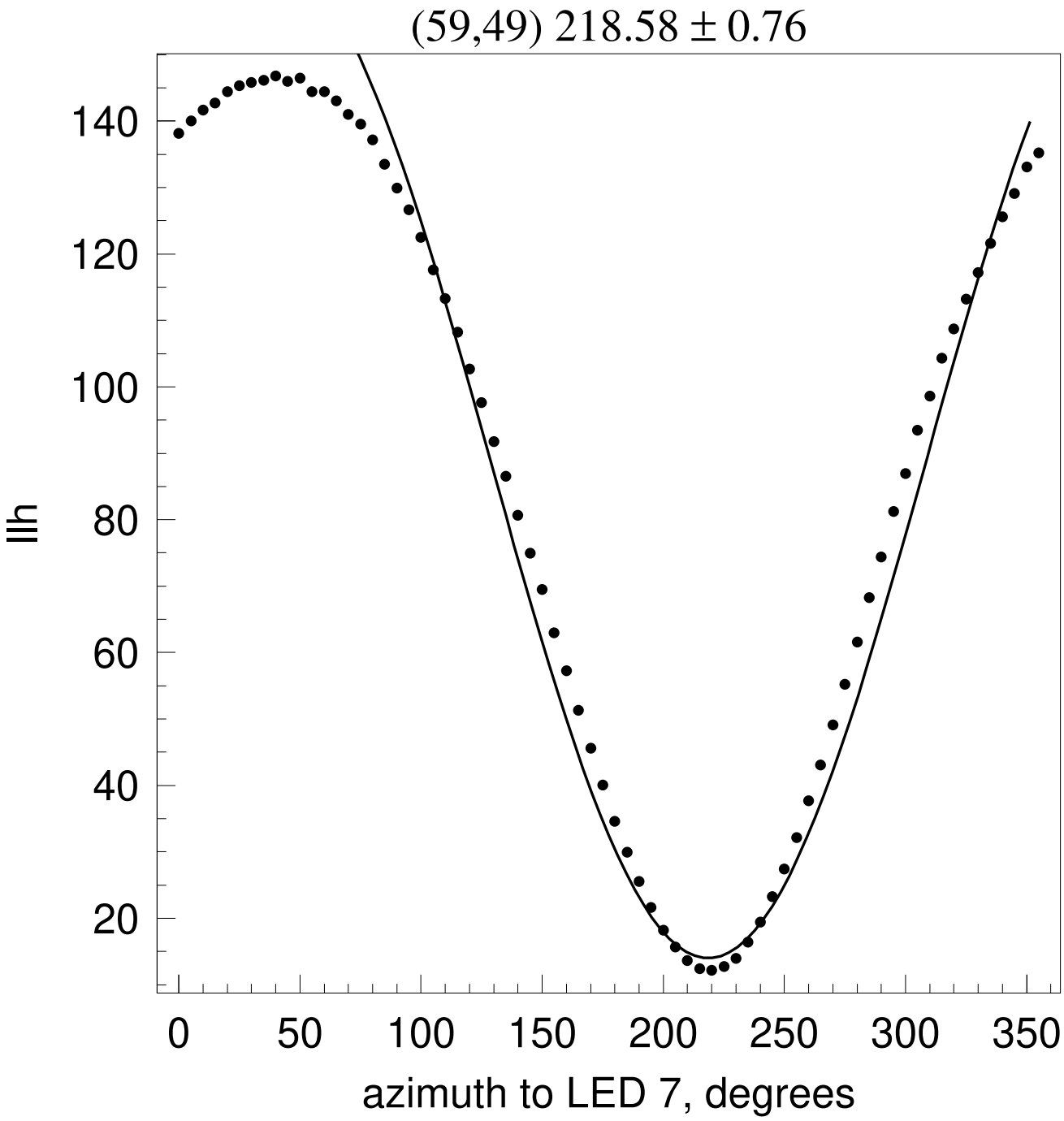

(59,42) 198.90 ± 0.55
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

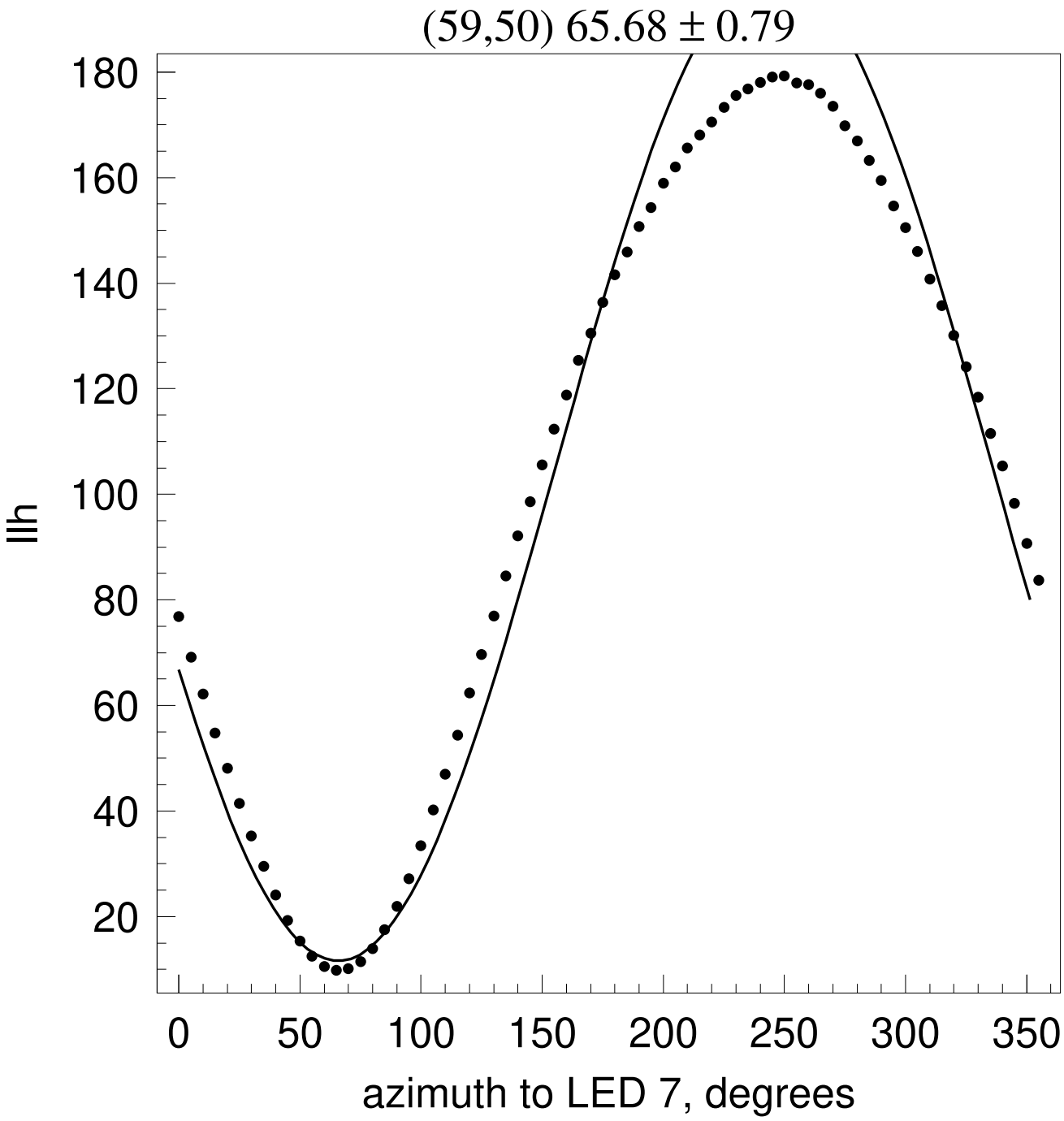

(59,43) 38.98 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

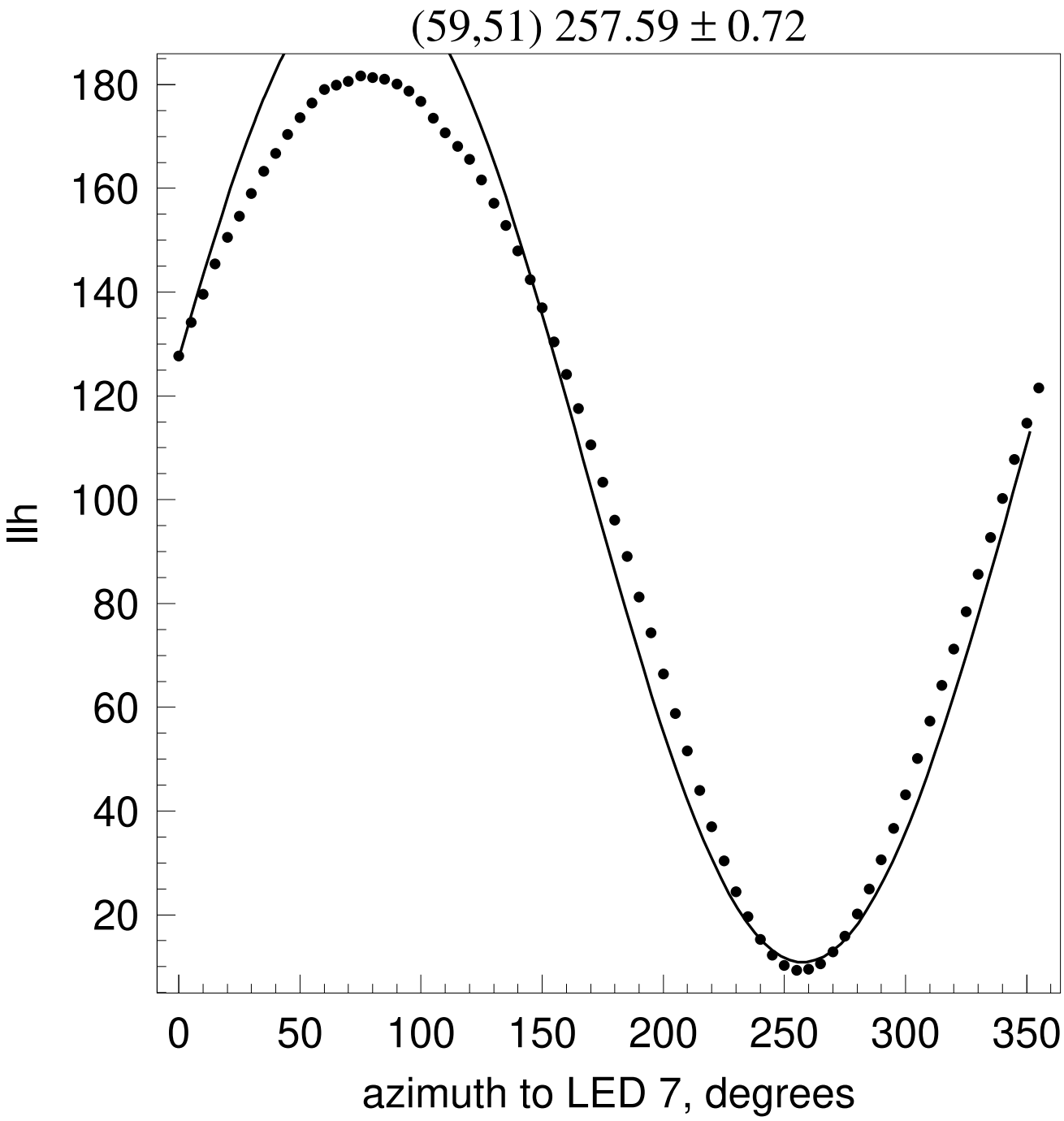

(59,44) 232.56 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

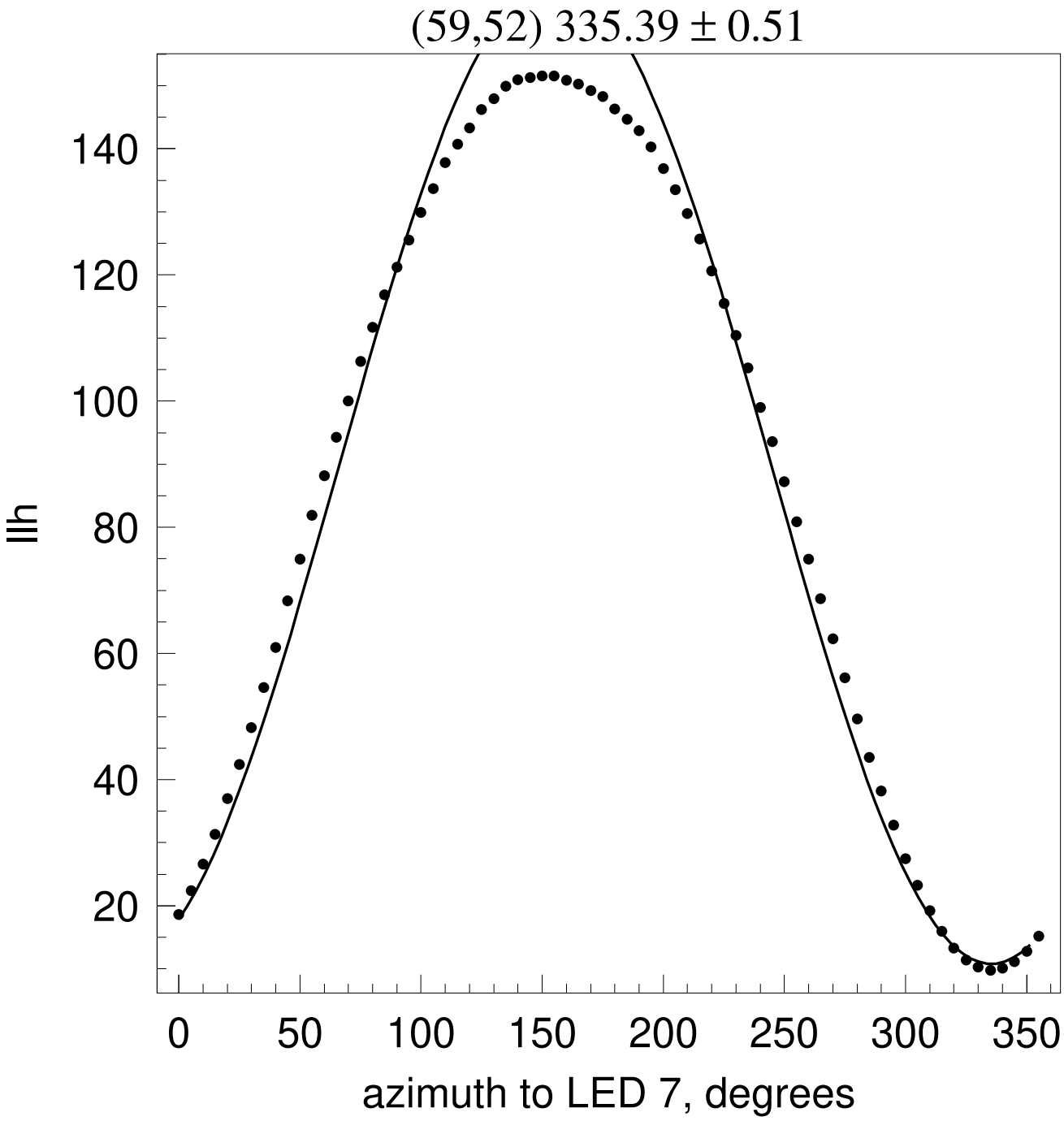

(59,47) 354.37 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

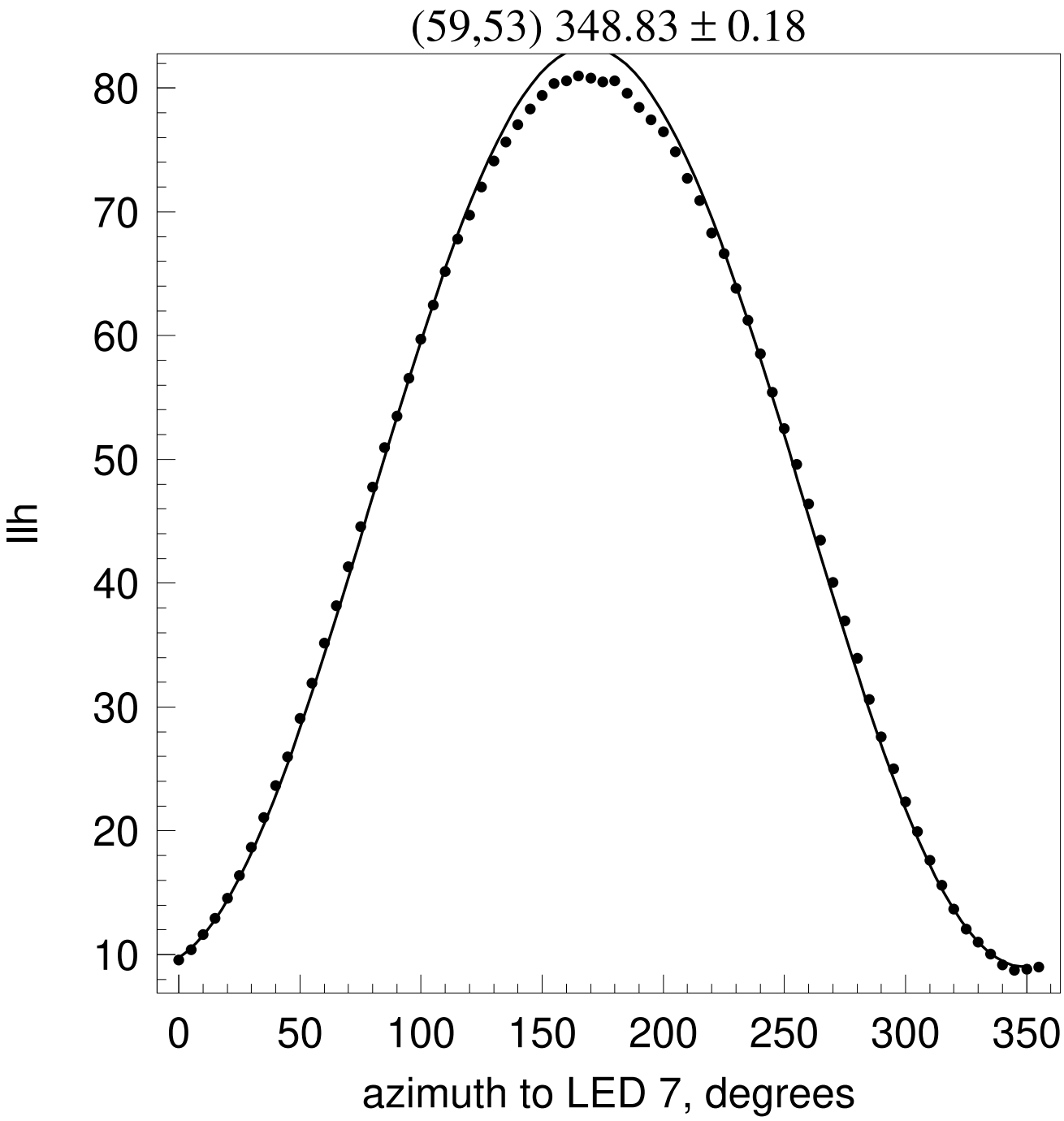

(59,48) 198.07 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

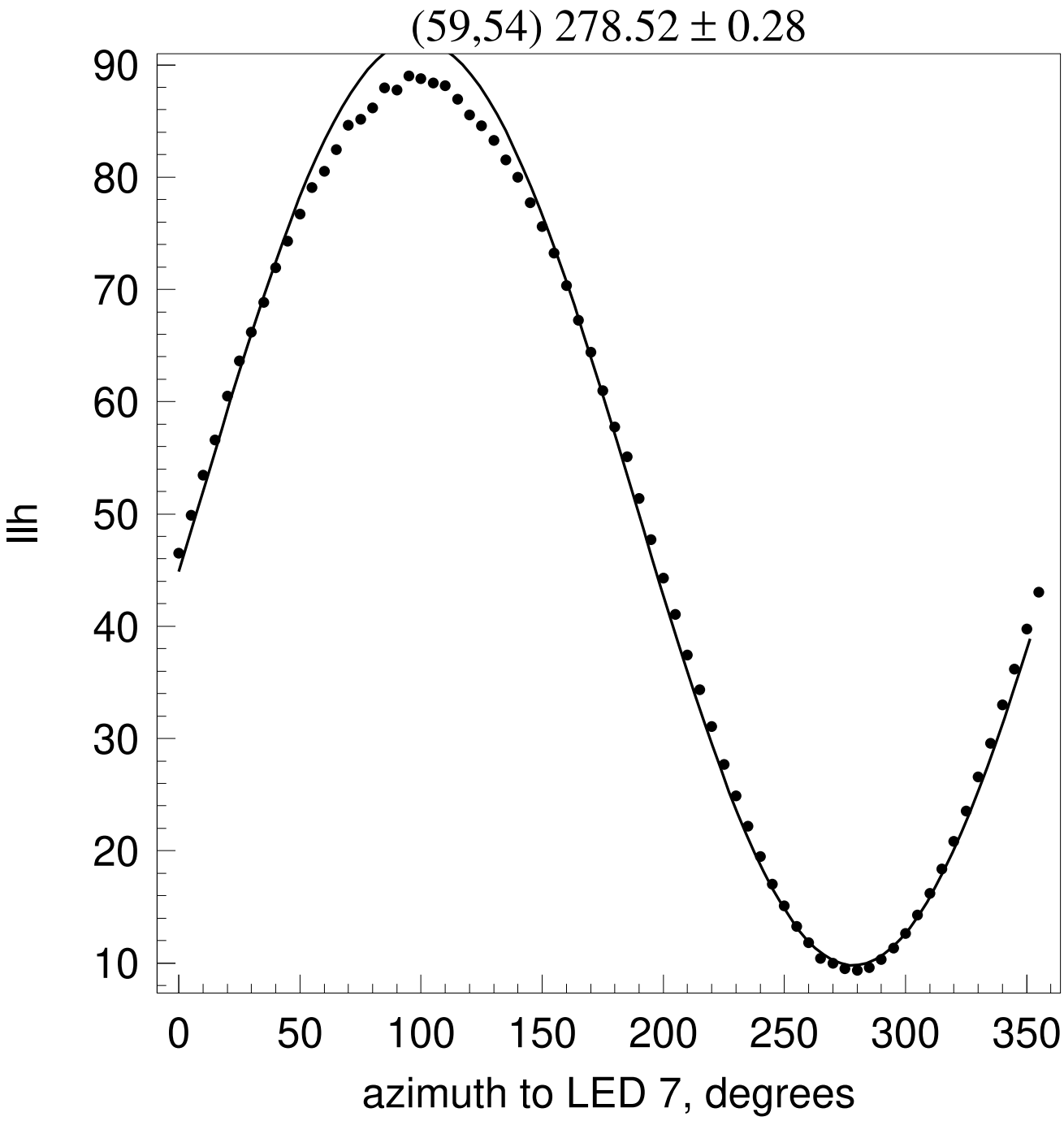

(59,49) 218.58 ± 0.76
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

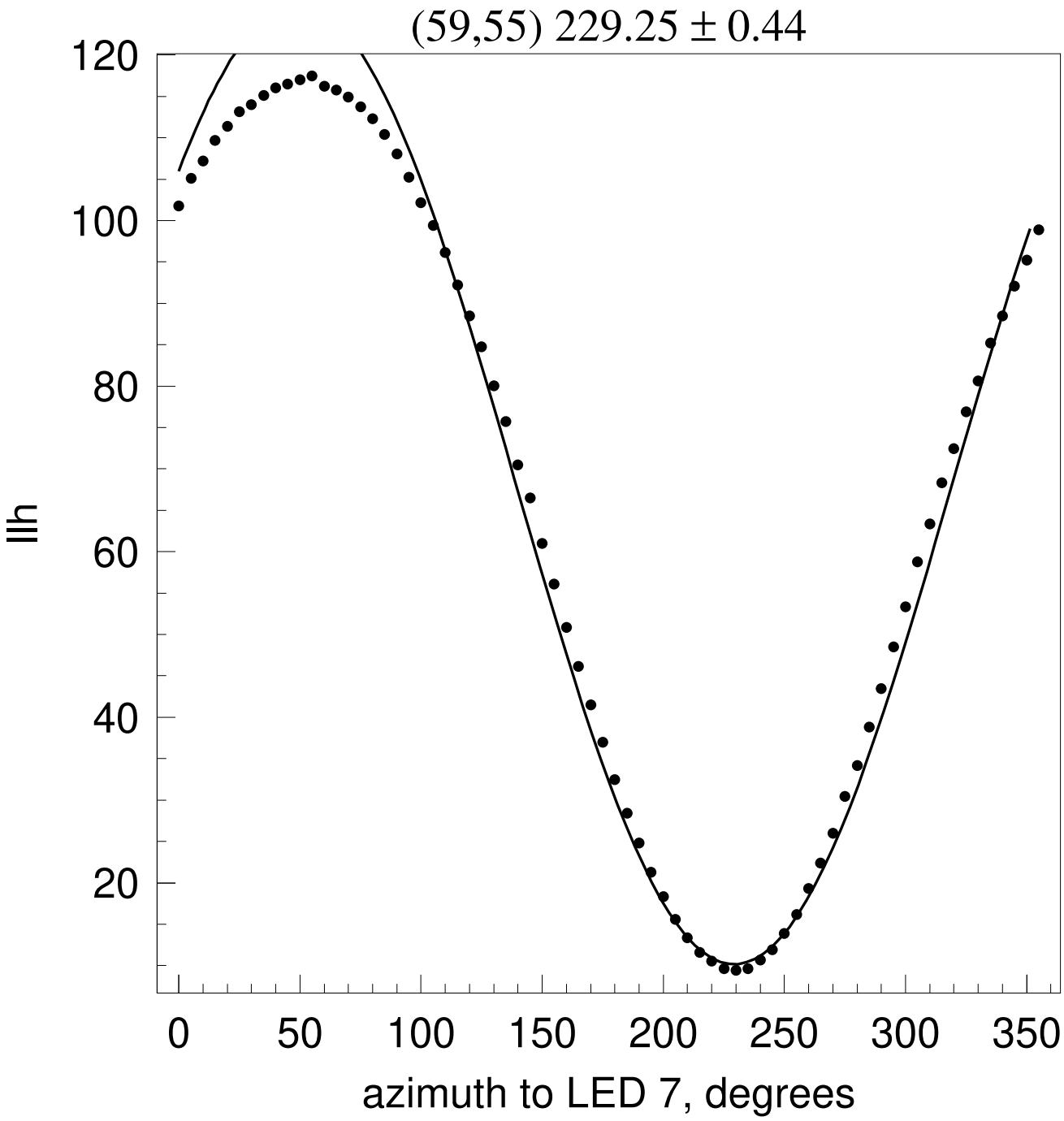

(59,50) 65.68 ± 0.79
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

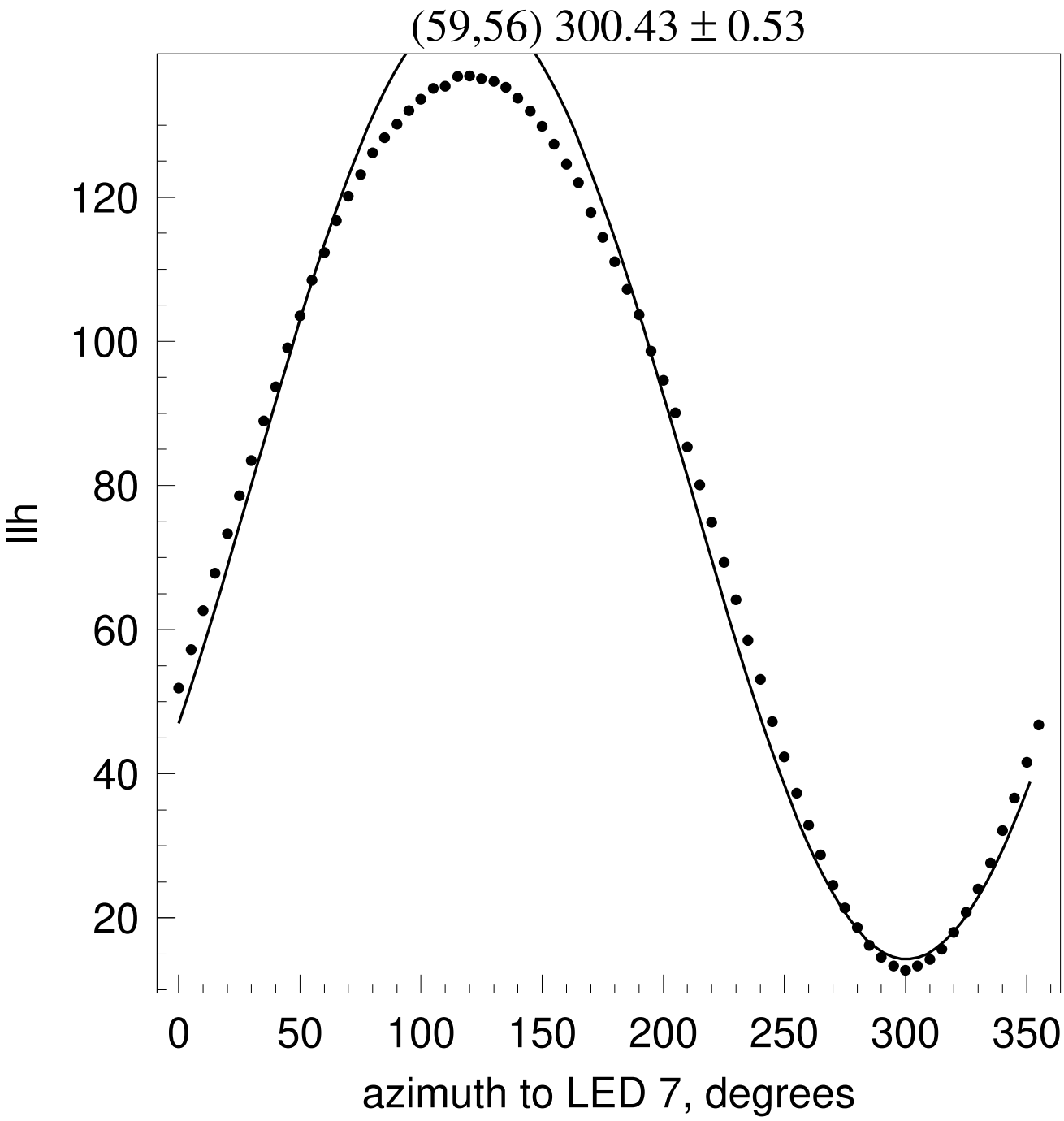

(59,51) 257.59 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

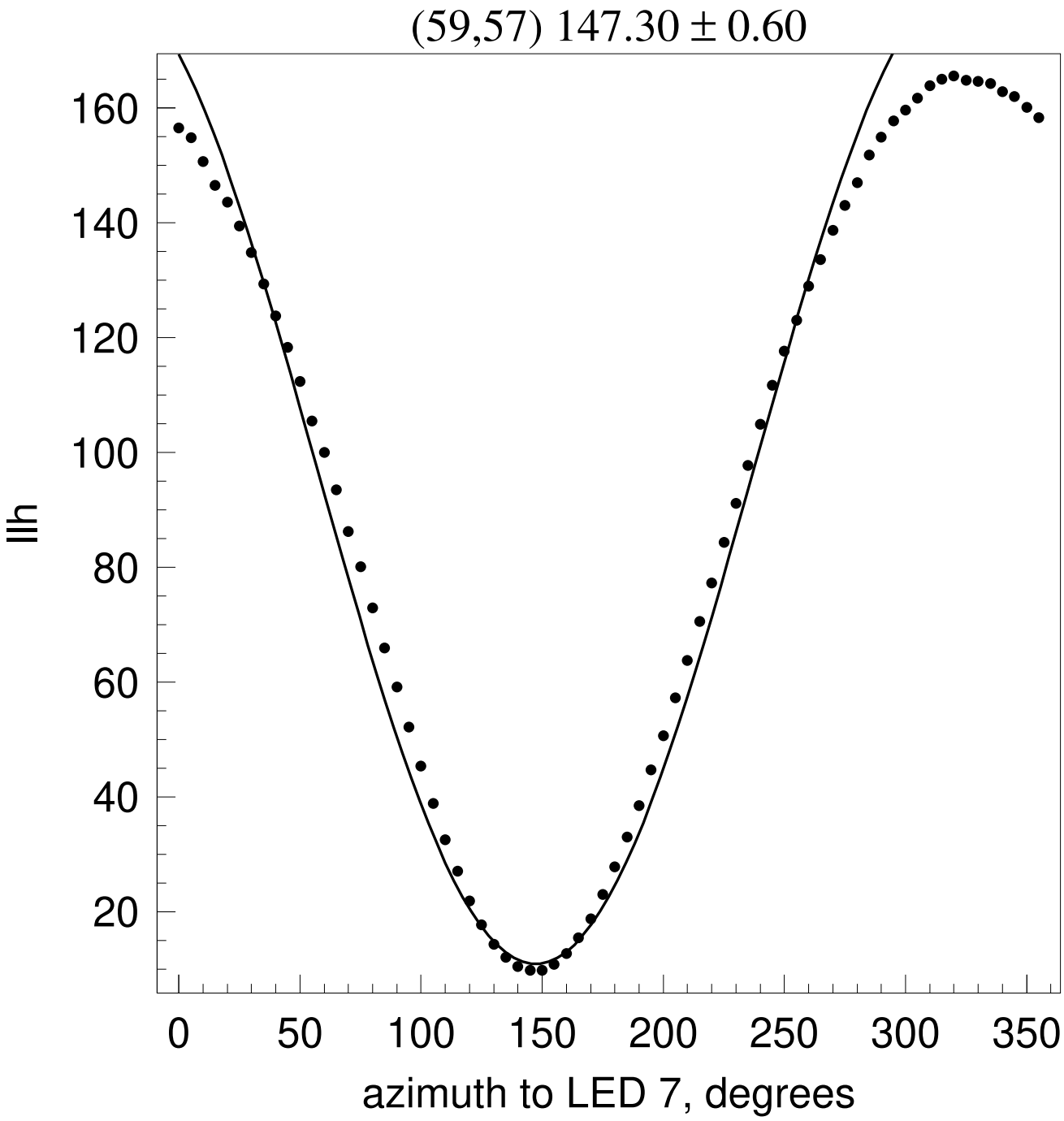

(59,52) 335.39 ± 0.51
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

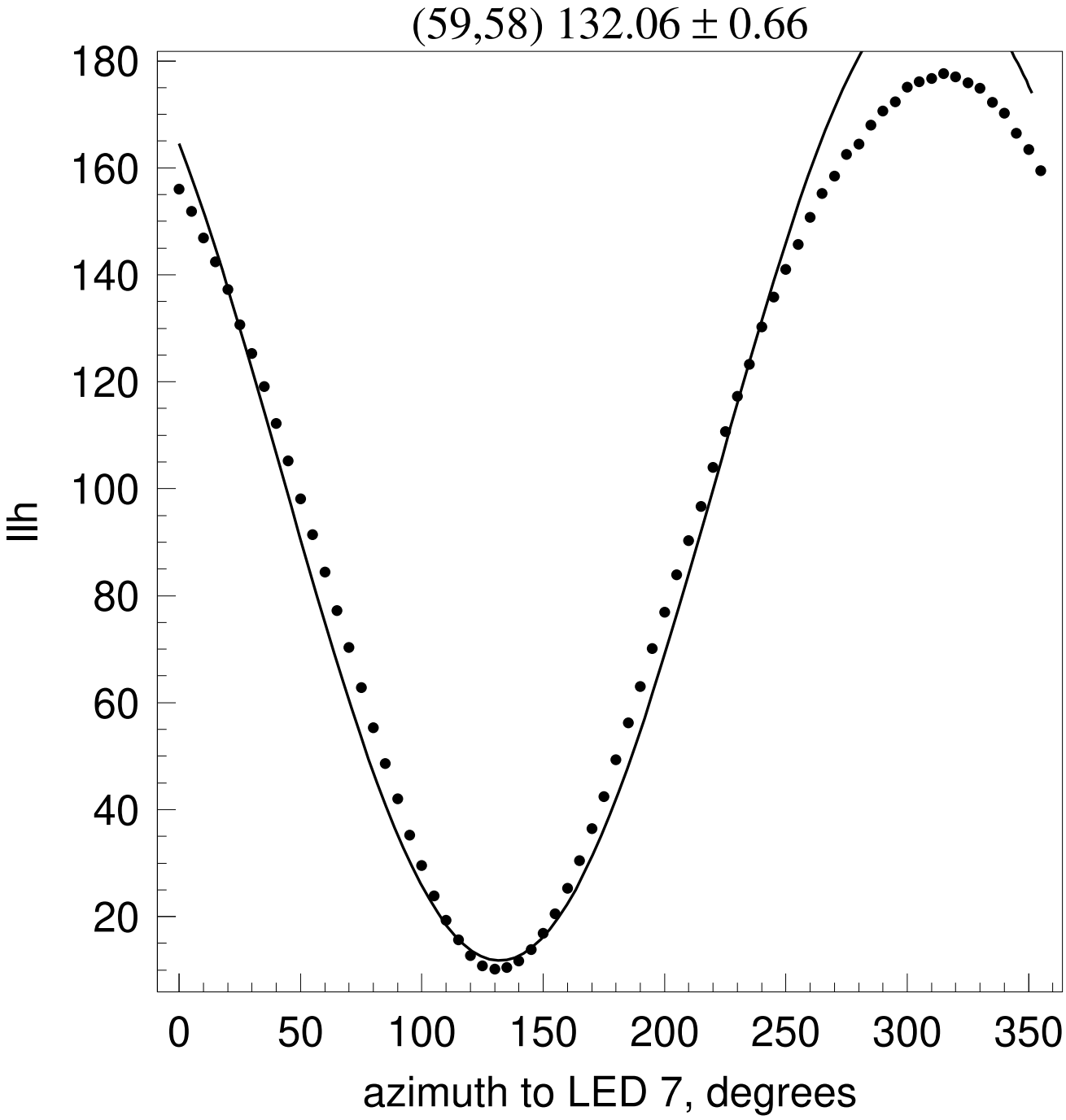

(59,53) 348.83 ± 0.18
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

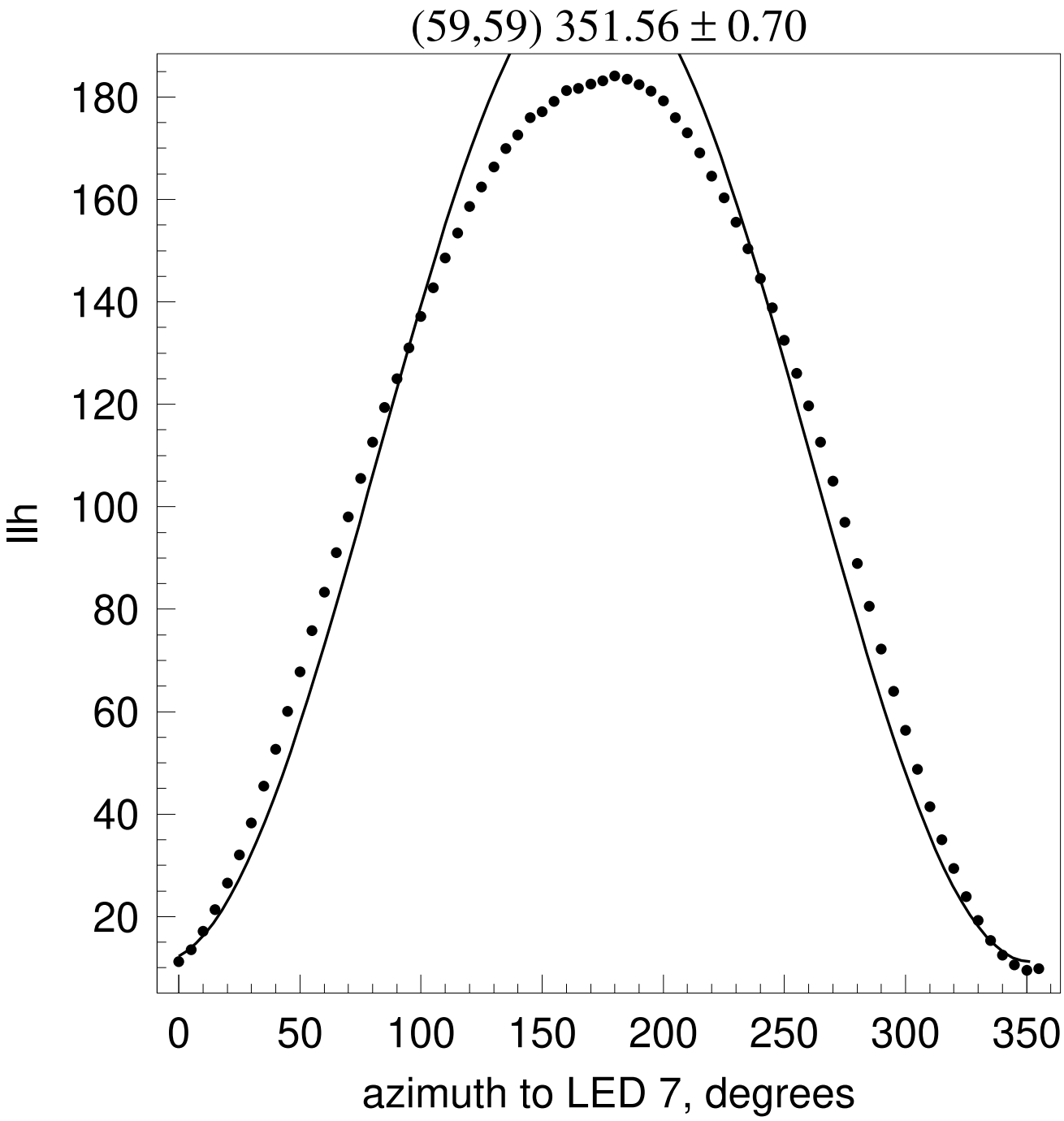

(59,54) 278.52 ± 0.28
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

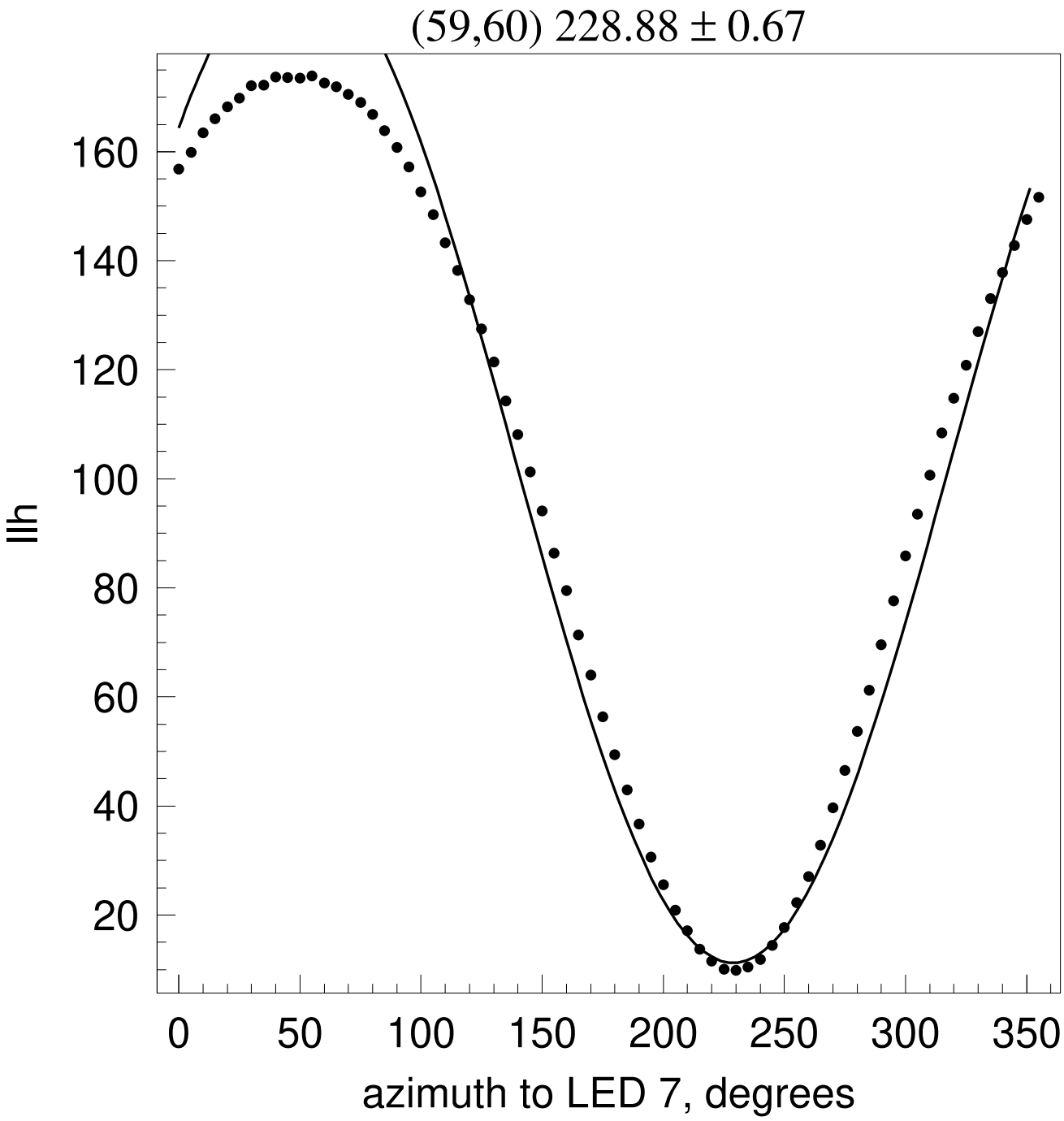

(59,55) 229.25 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

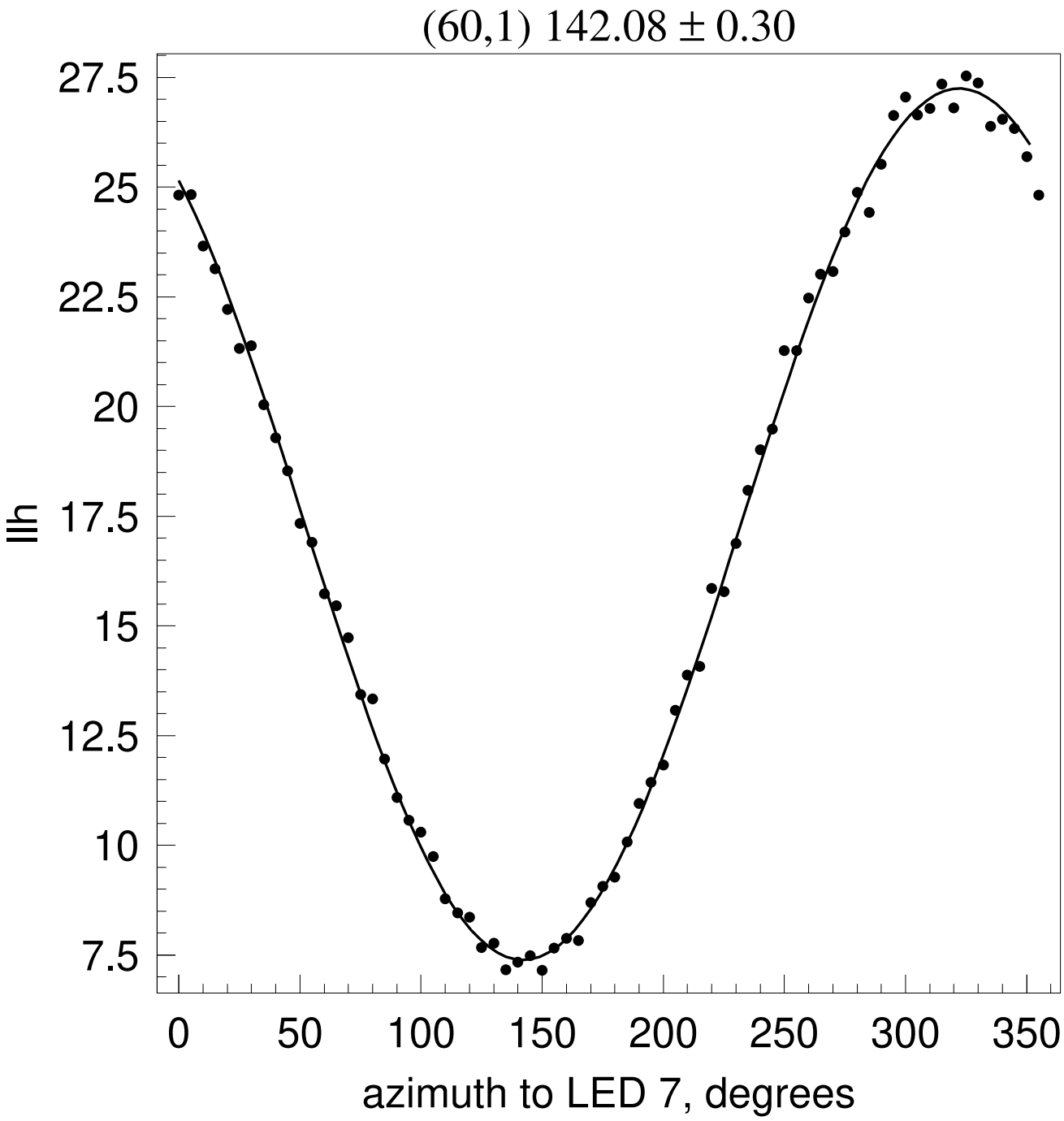

(59,56) 300.43 ± 0.53
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

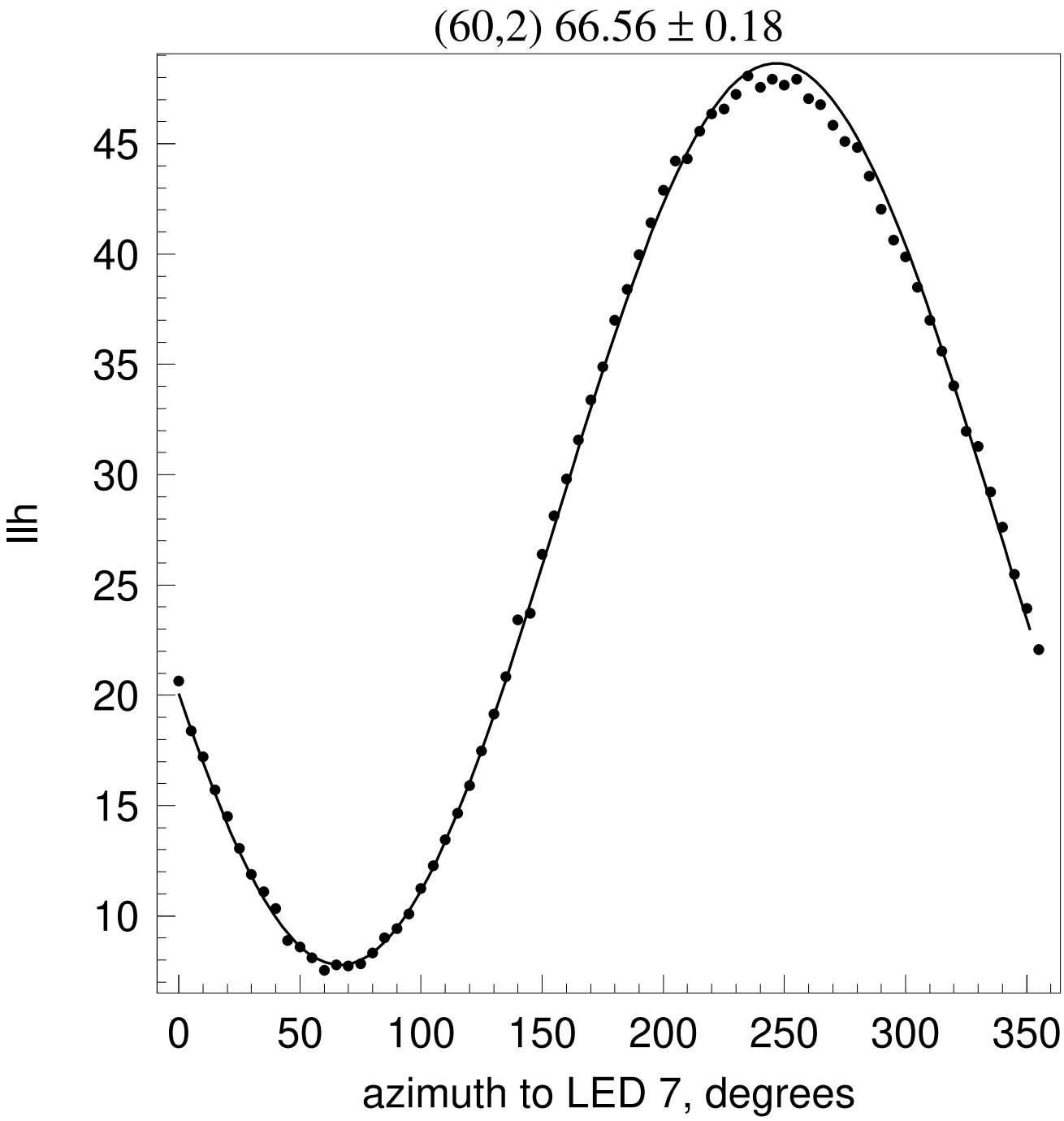

(59,57) 147.30 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

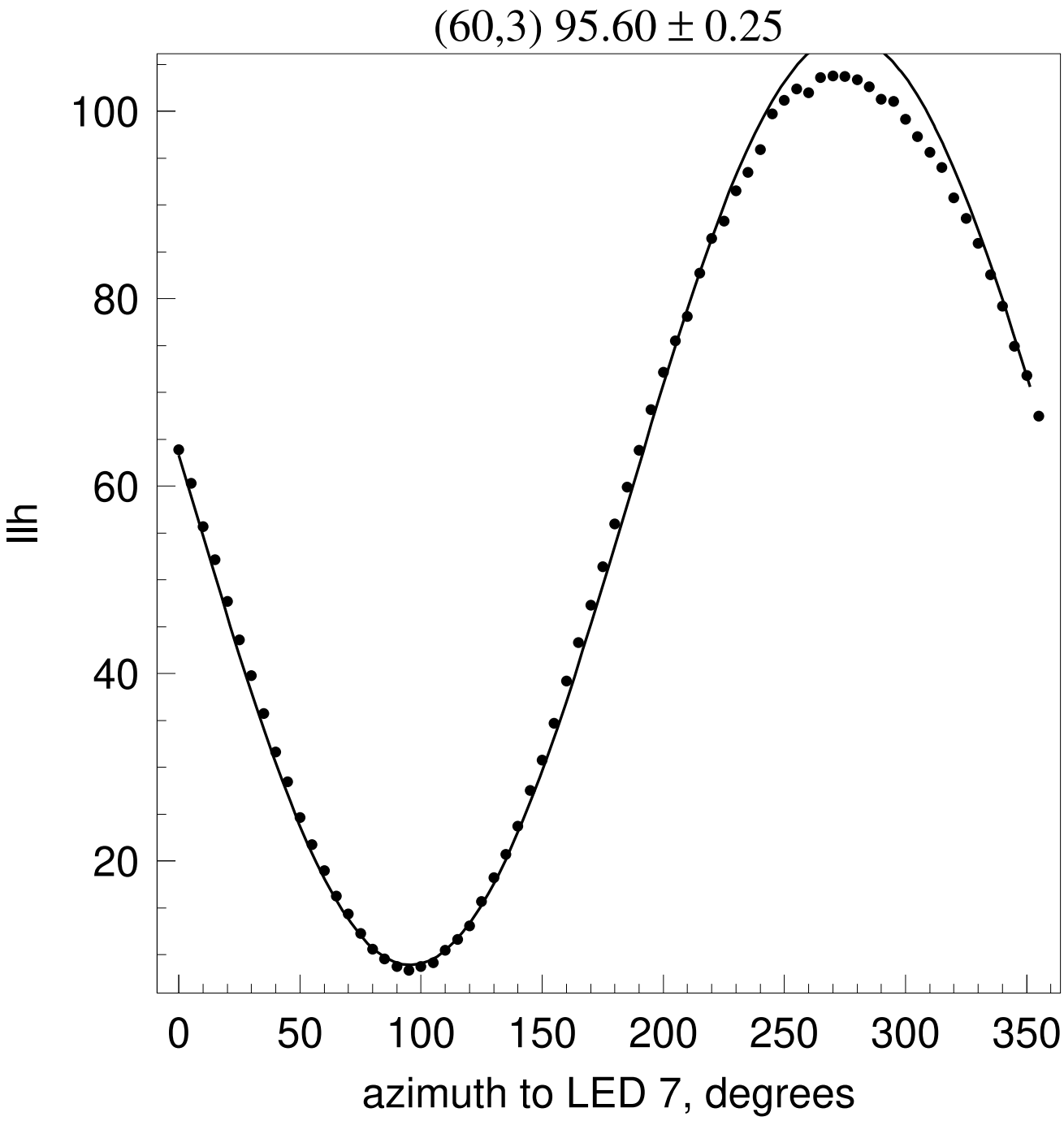

(59,58) 132.06 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

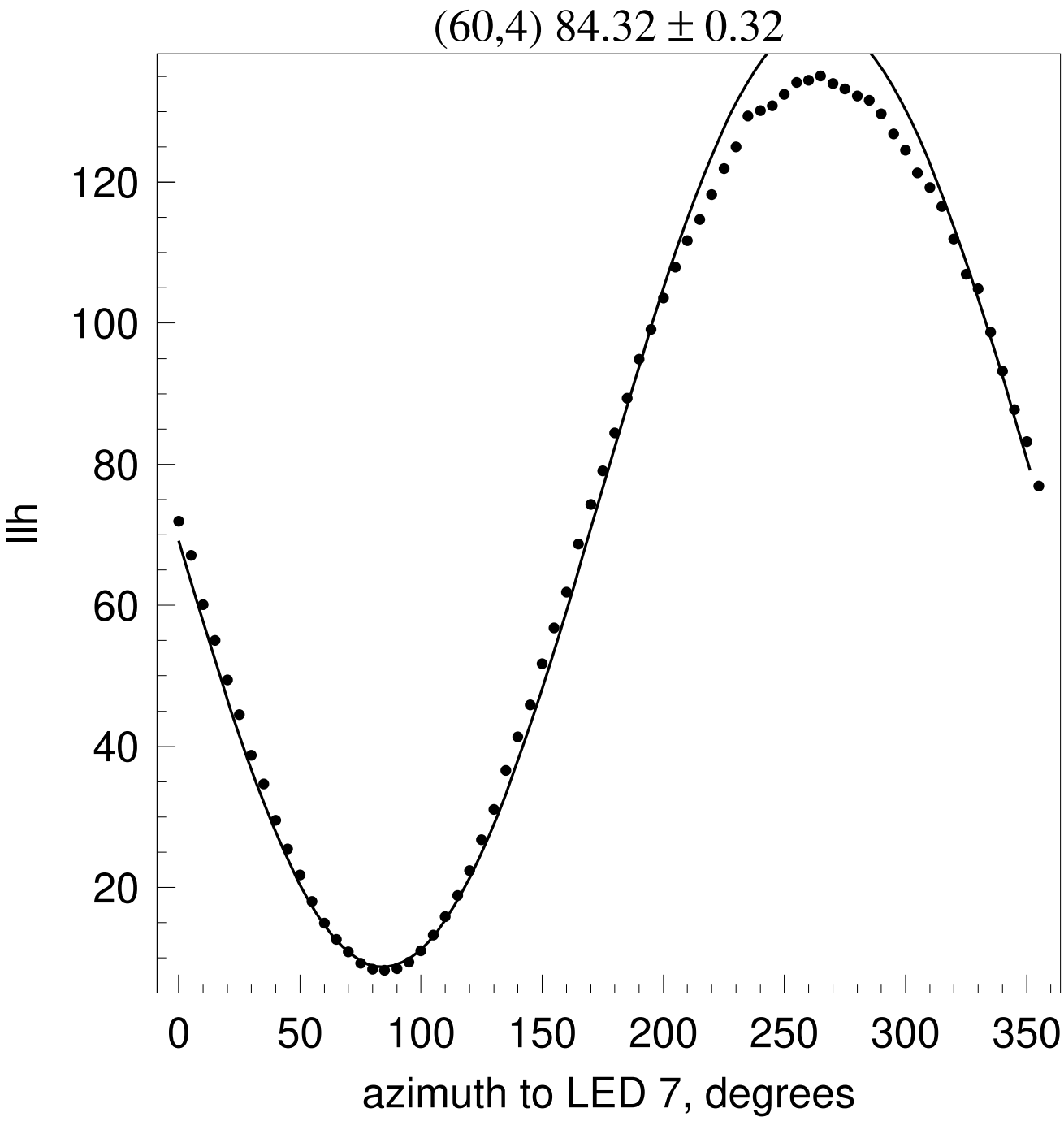

(59,59) 351.56 ± 0.70
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

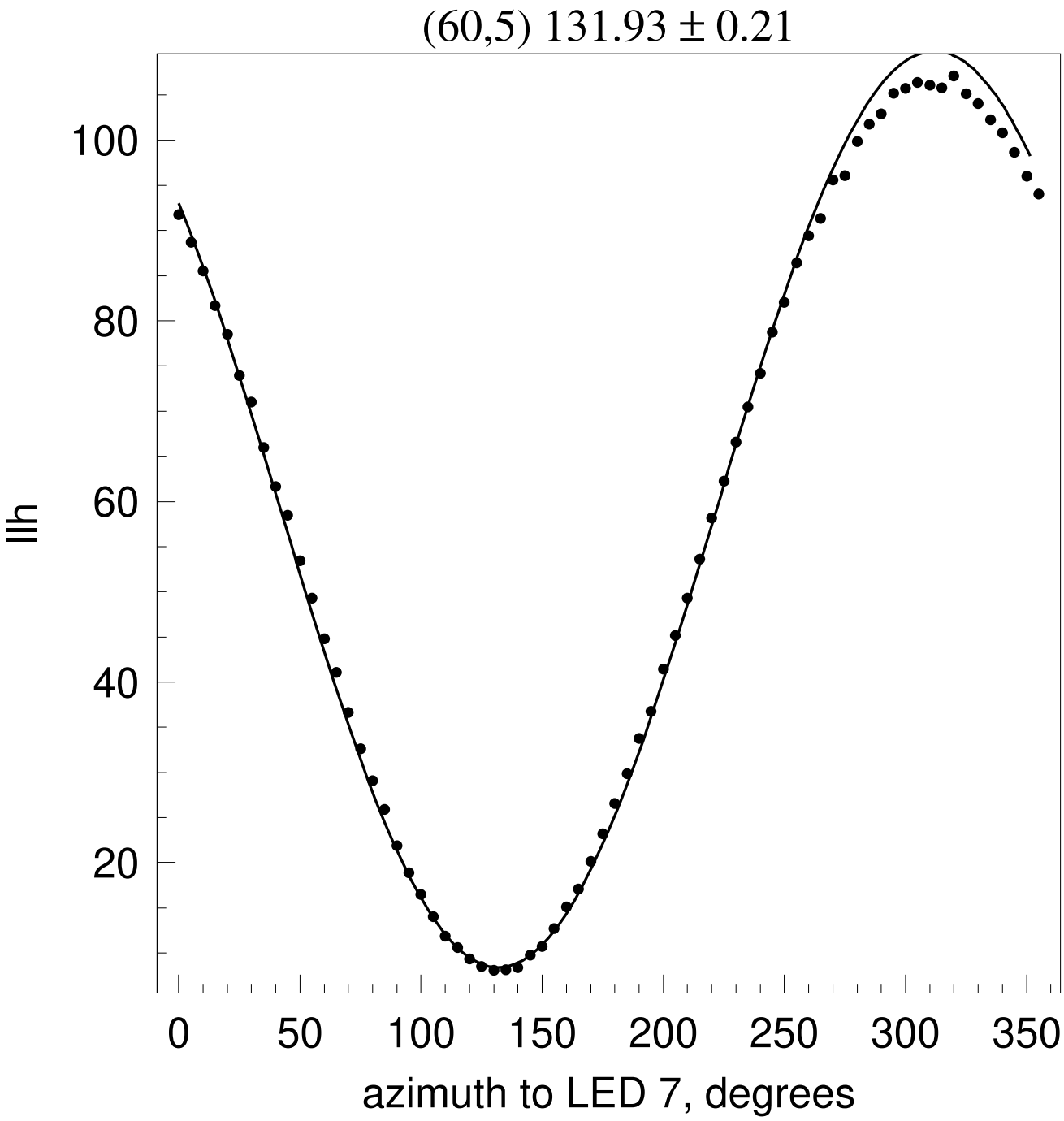

(59,60) 228.88 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

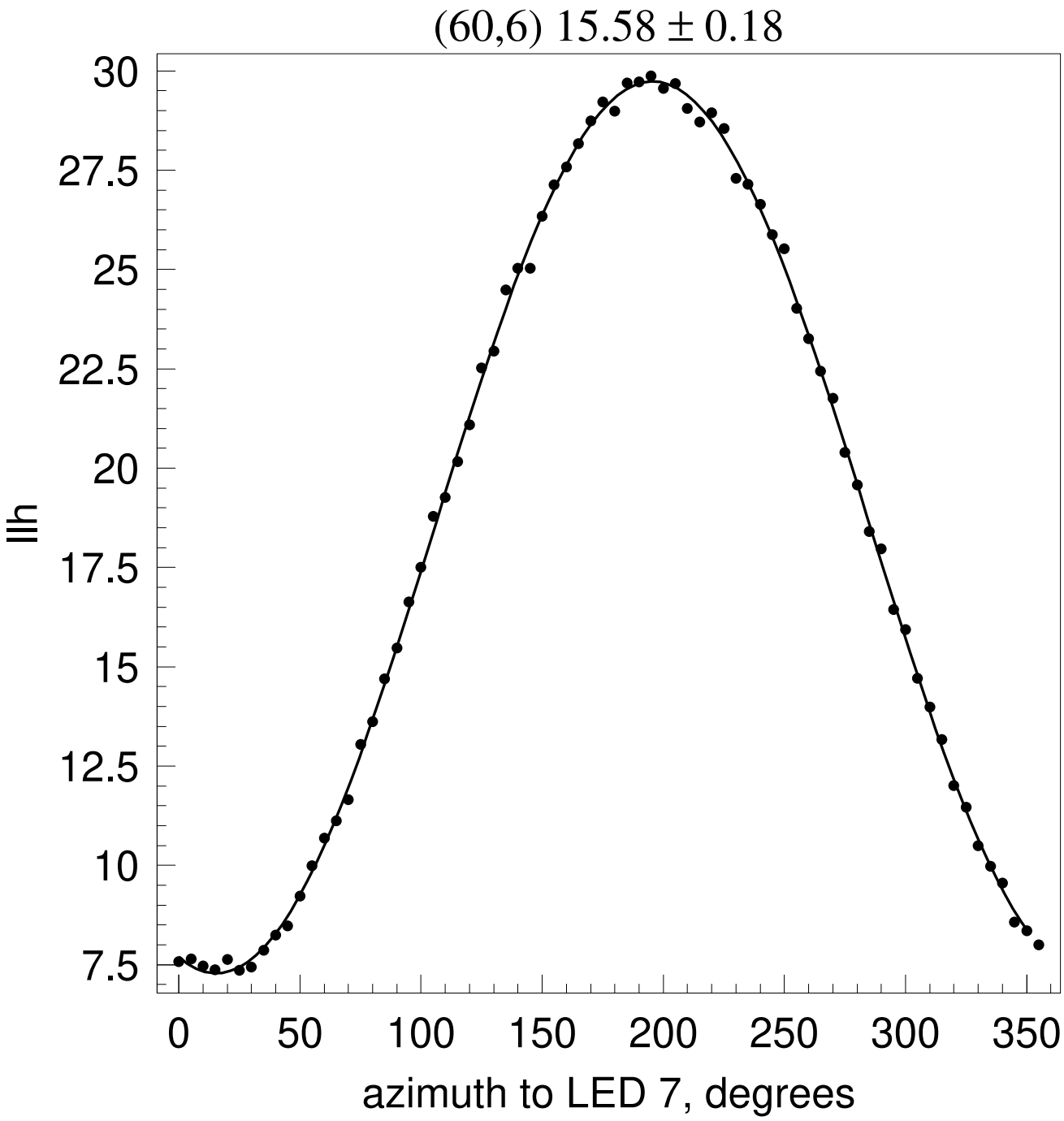

(60,1) 142.08 ± 0.30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

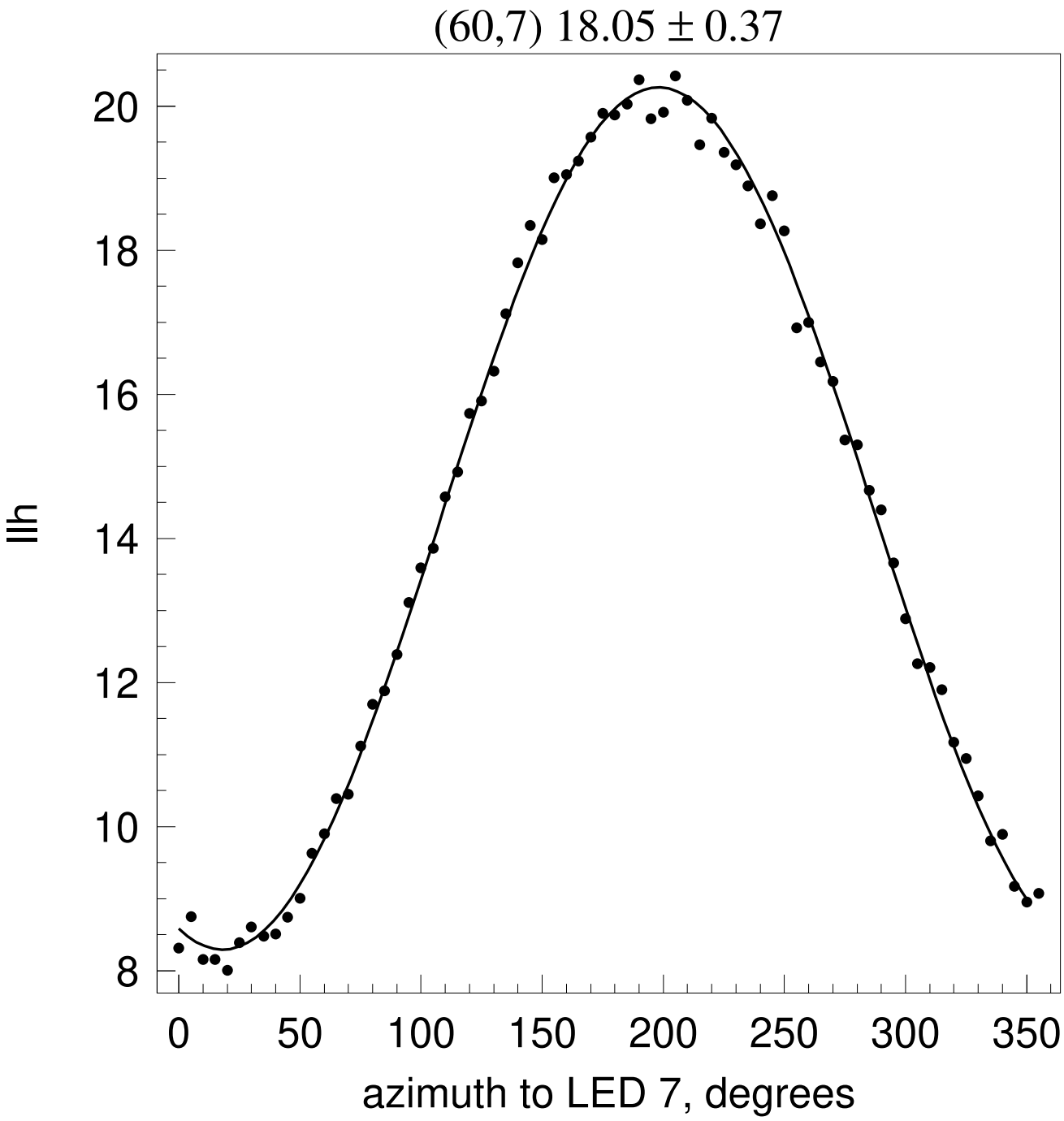

(60,2) 66.56 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

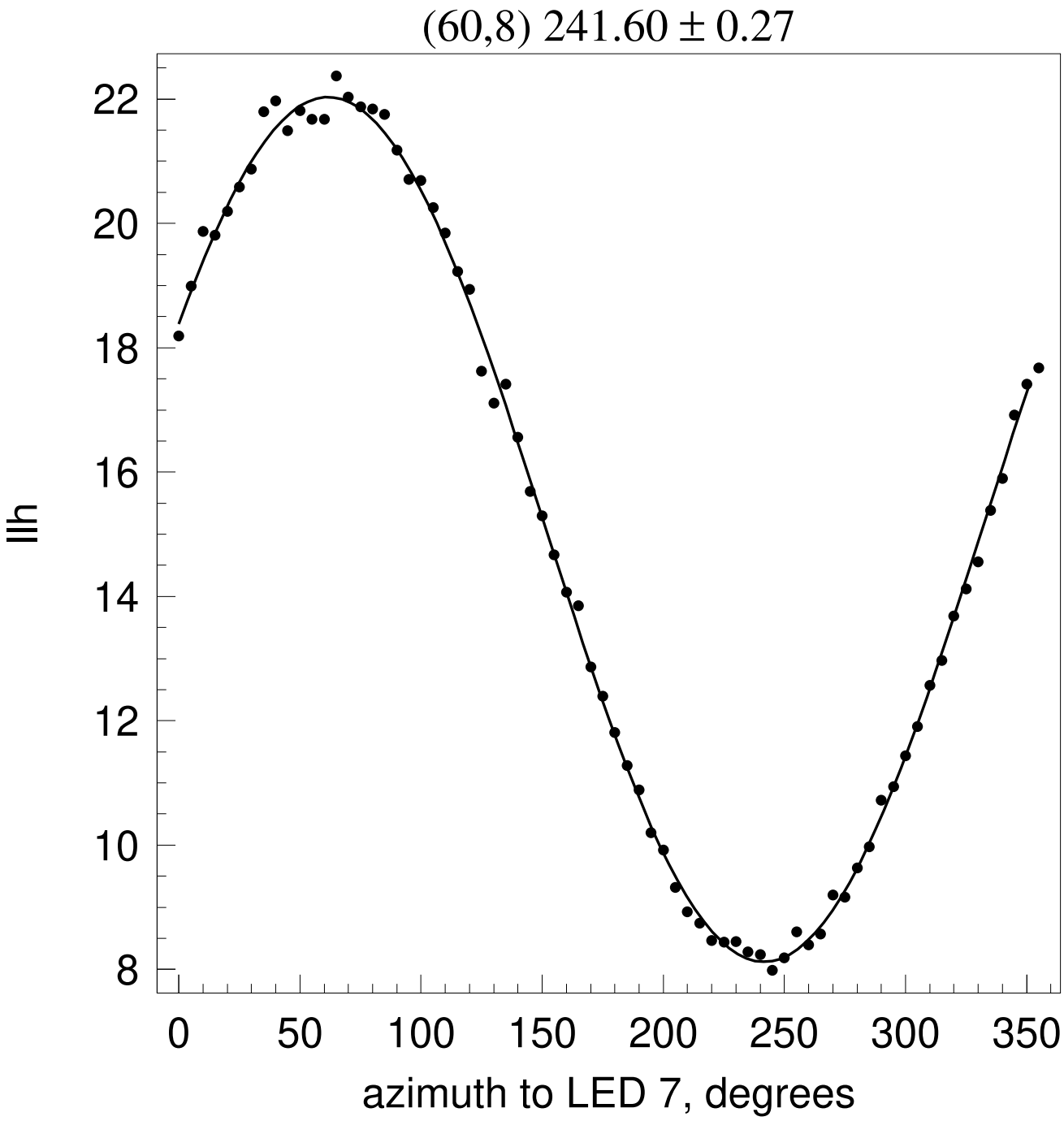

(60,3) 95.60 ± 0.25
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

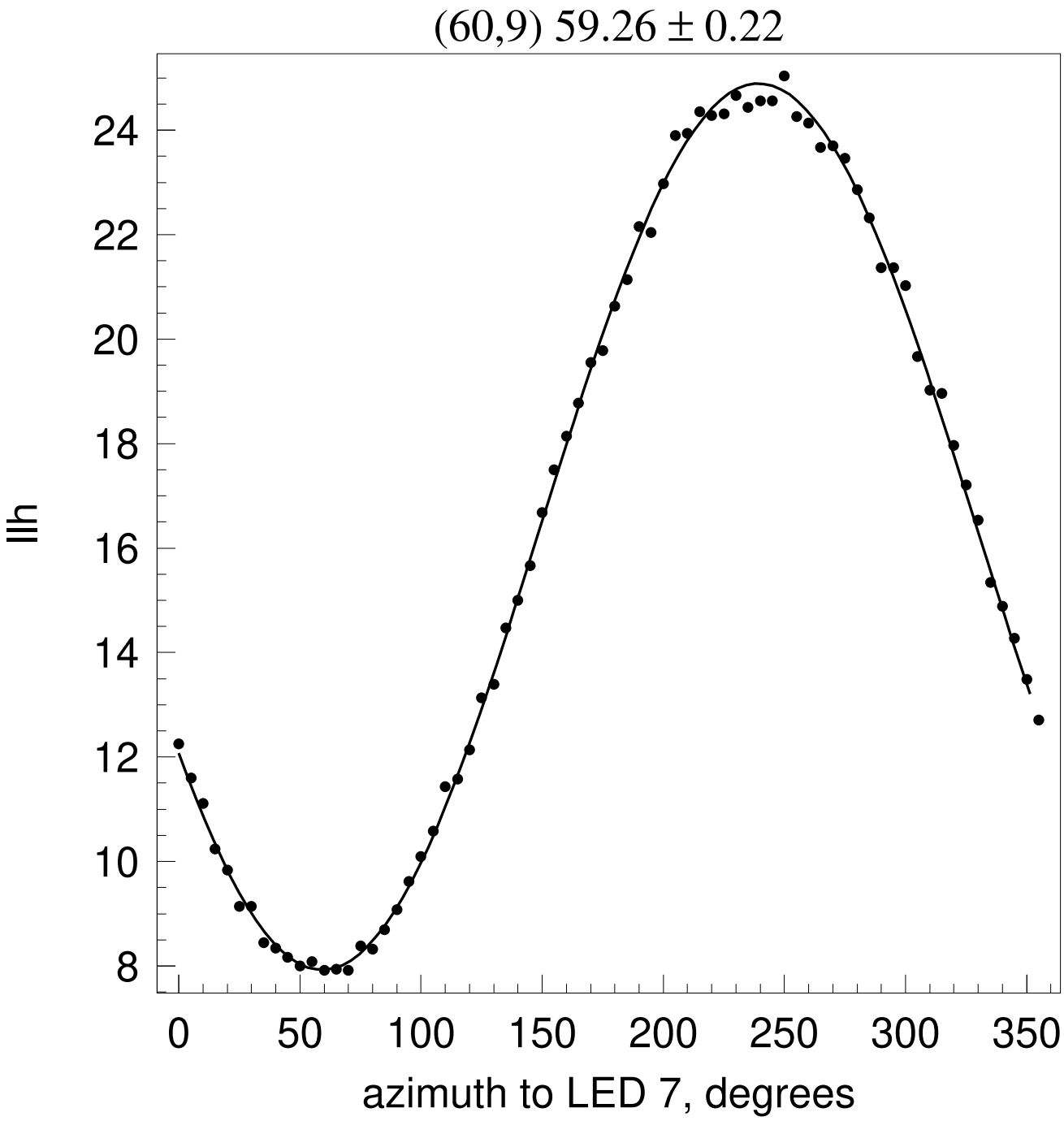

(60,4) 84.32 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

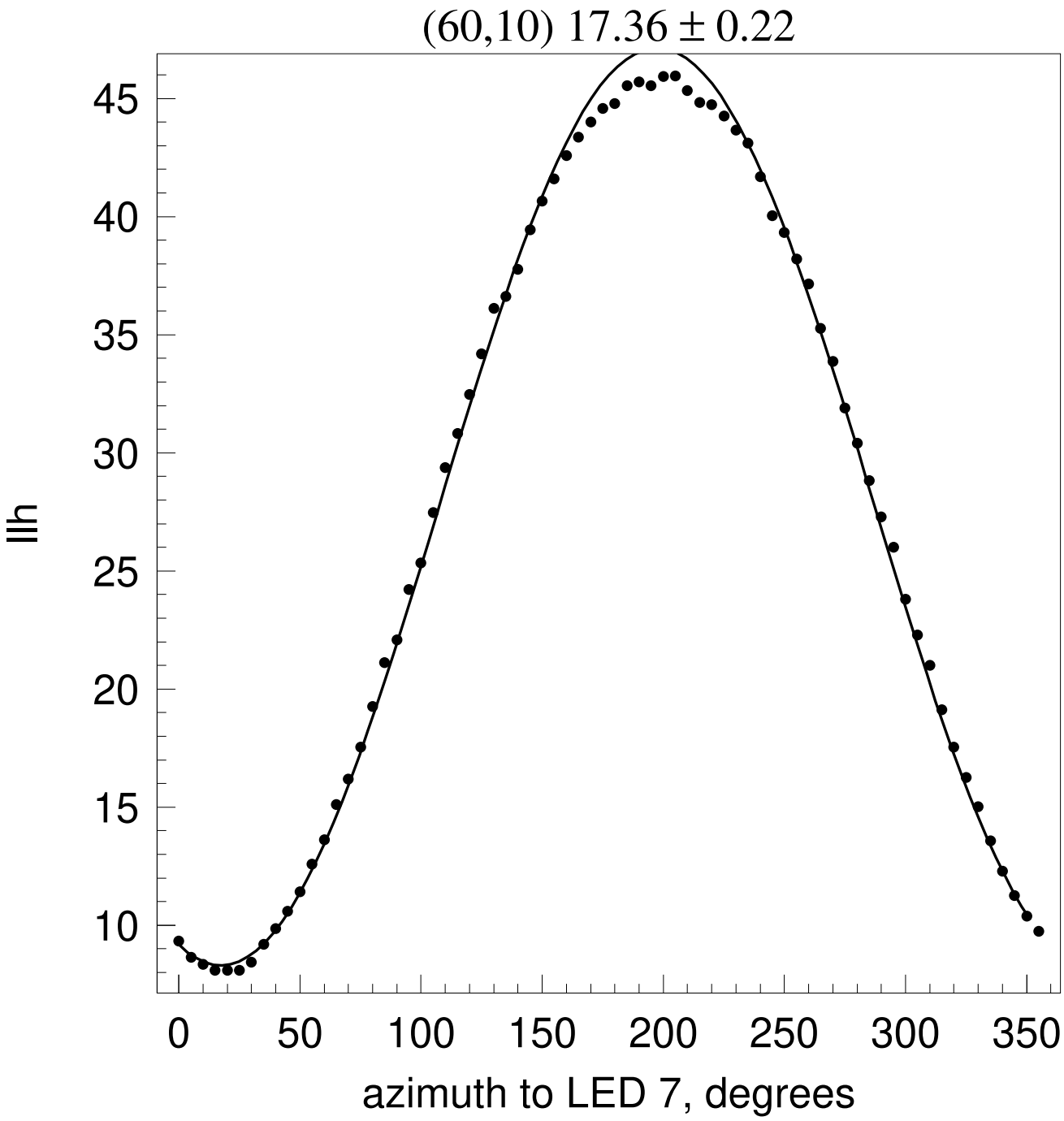

(60,5) 131.93 ± 0.21
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

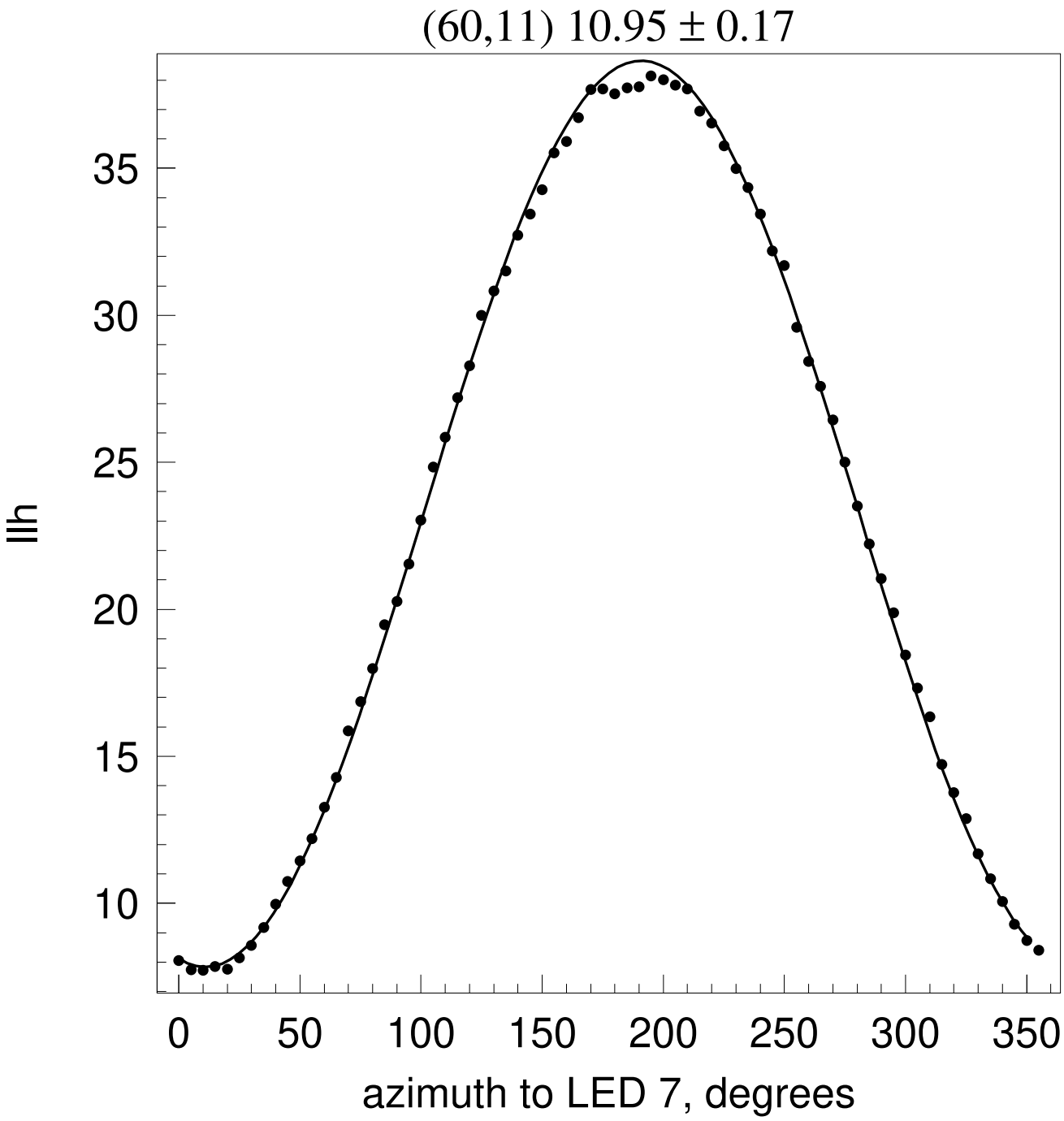

(60,6) 15.58 ± 0.18
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

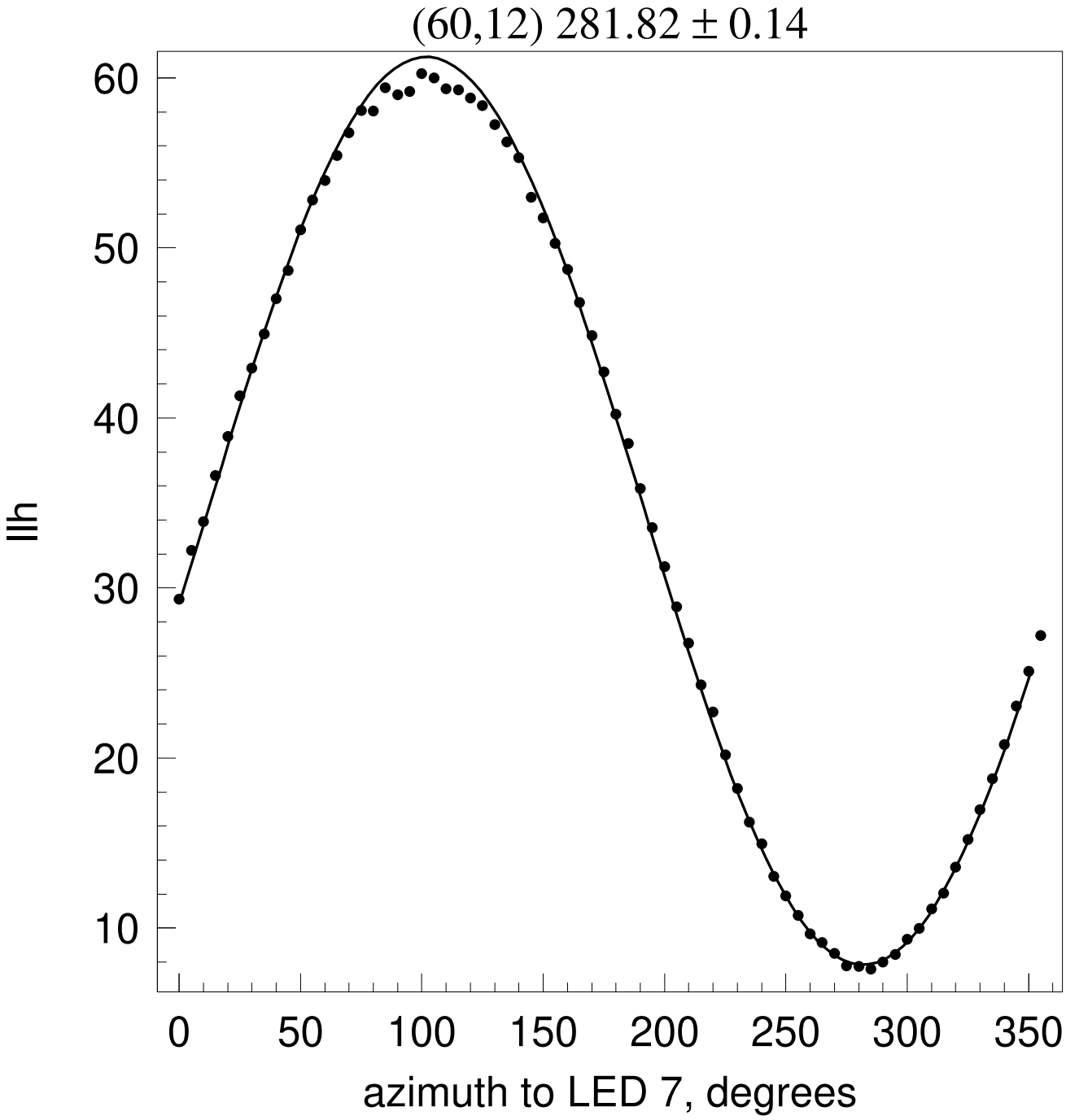

(60,7) 18.05 ± 0.37
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

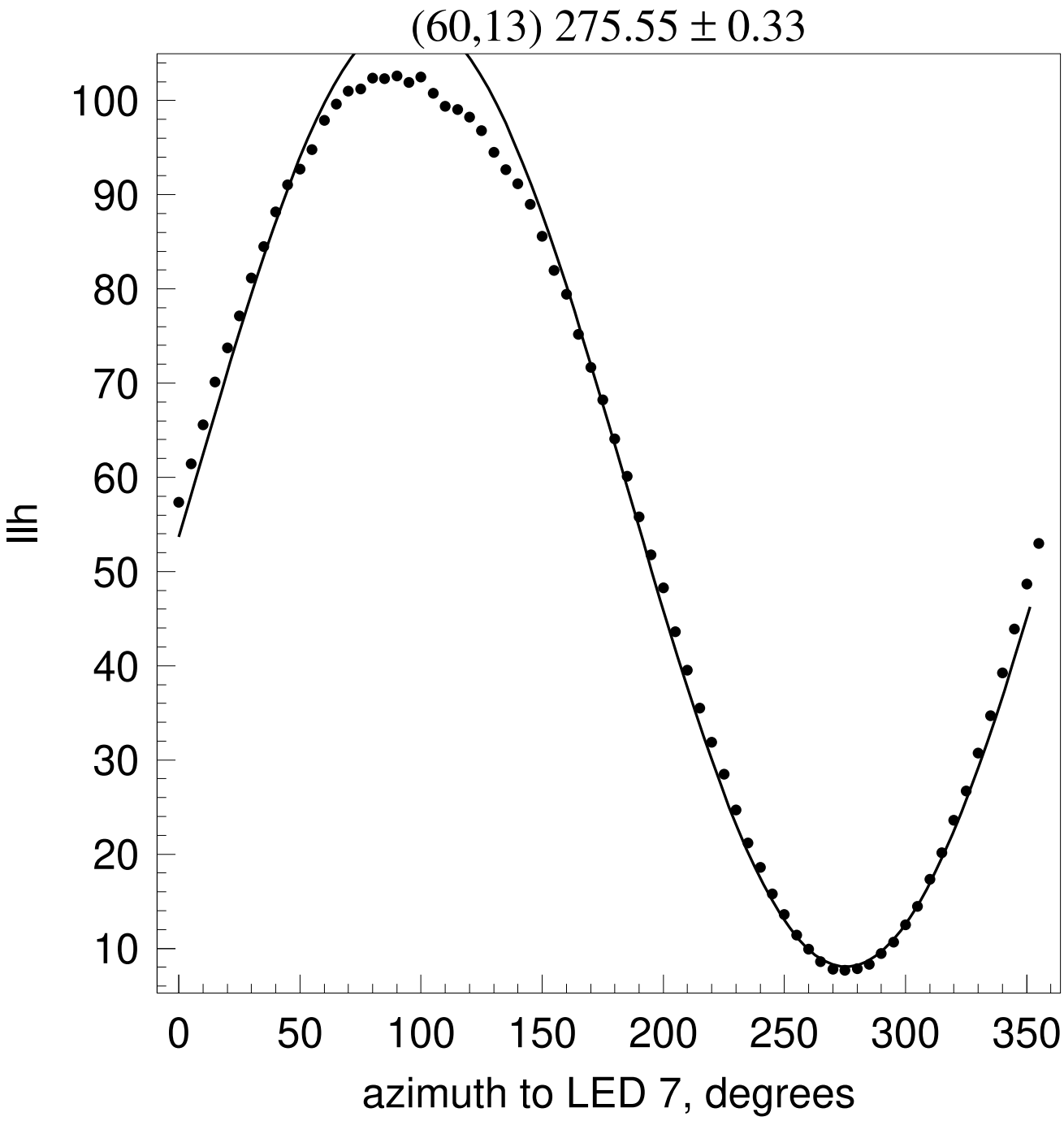

(60,8) 241.60 ± 0.27
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

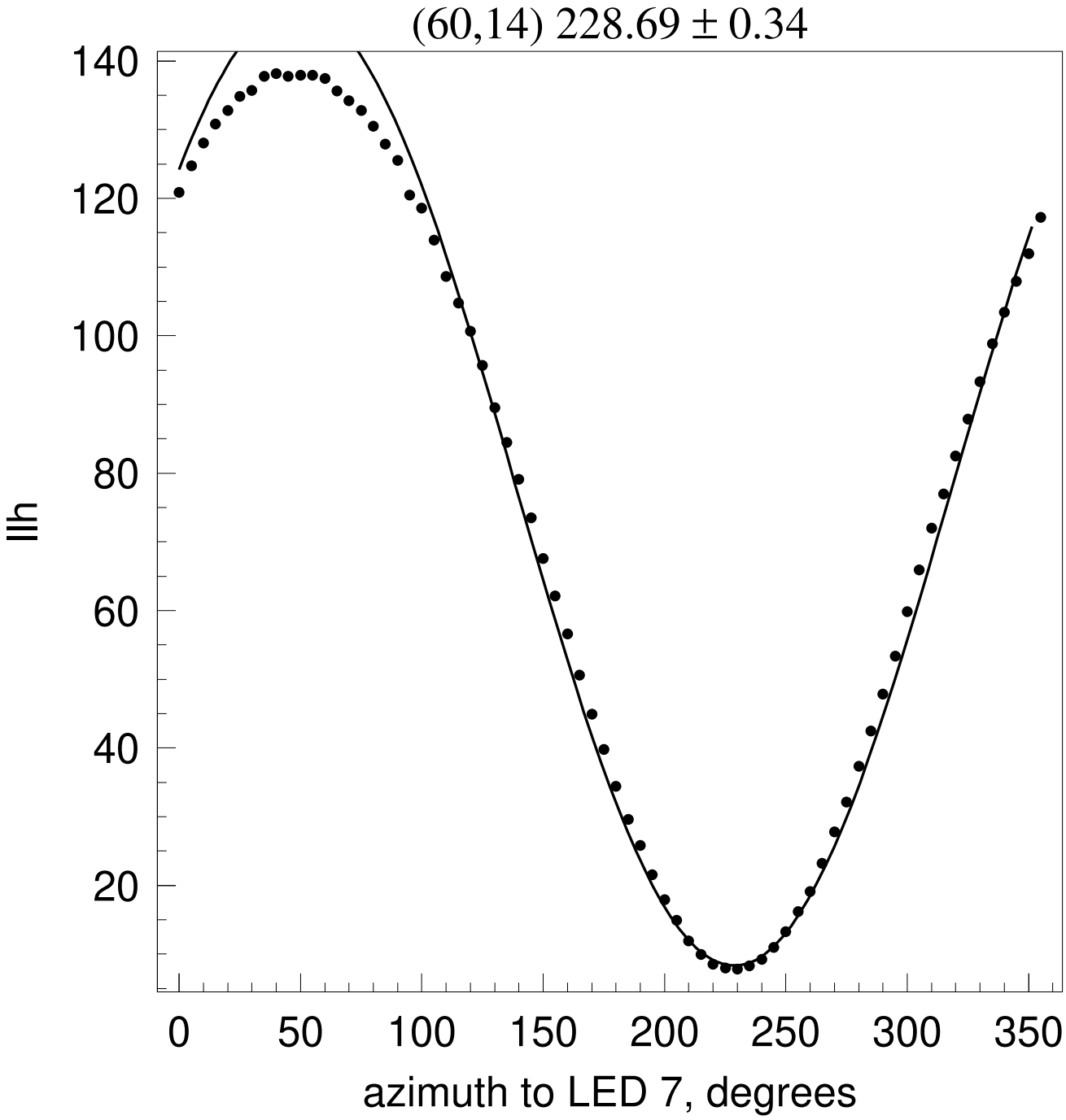

(60,9) 59.26 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

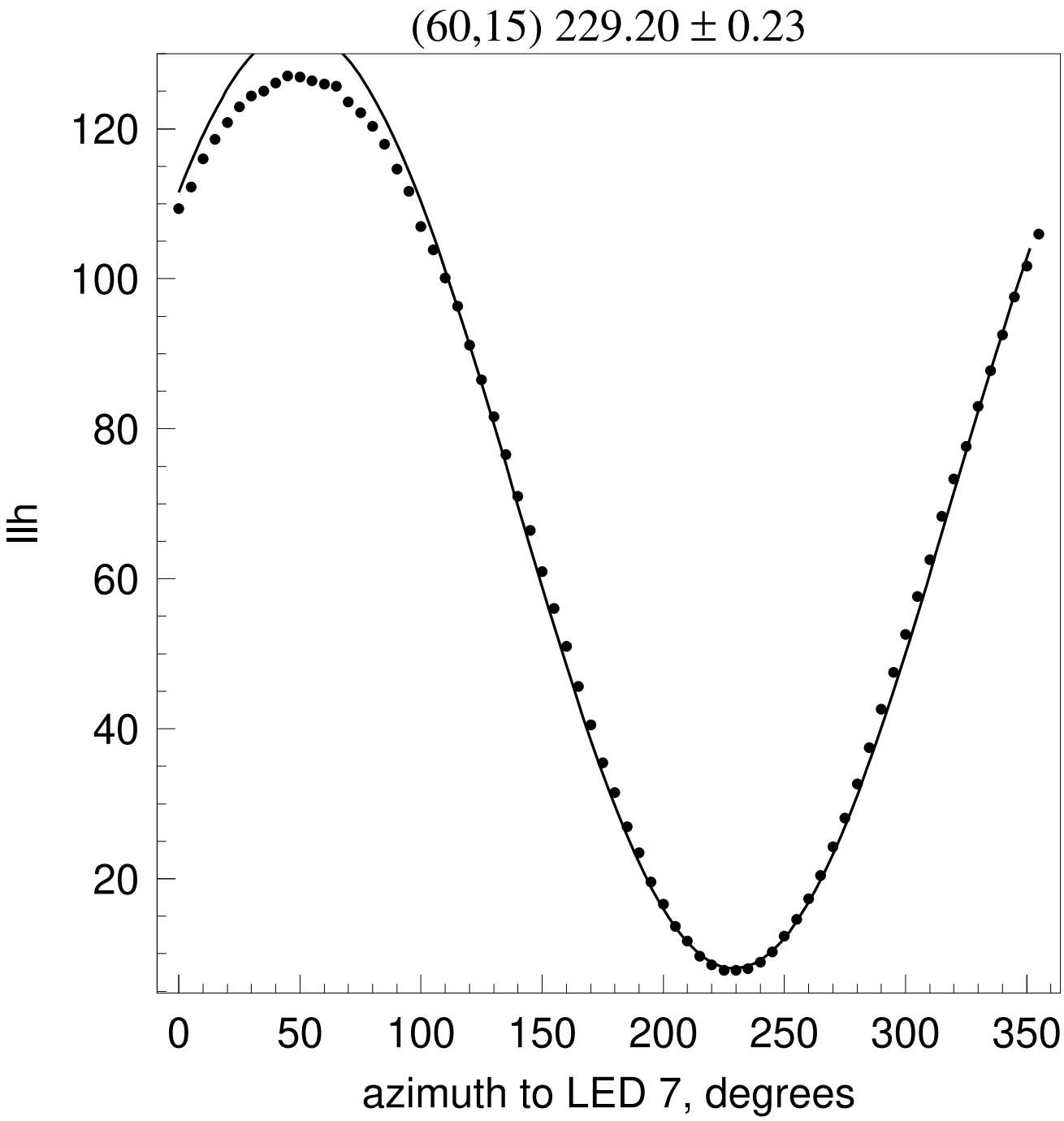

(60,10) 17.36 ± 0.22
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

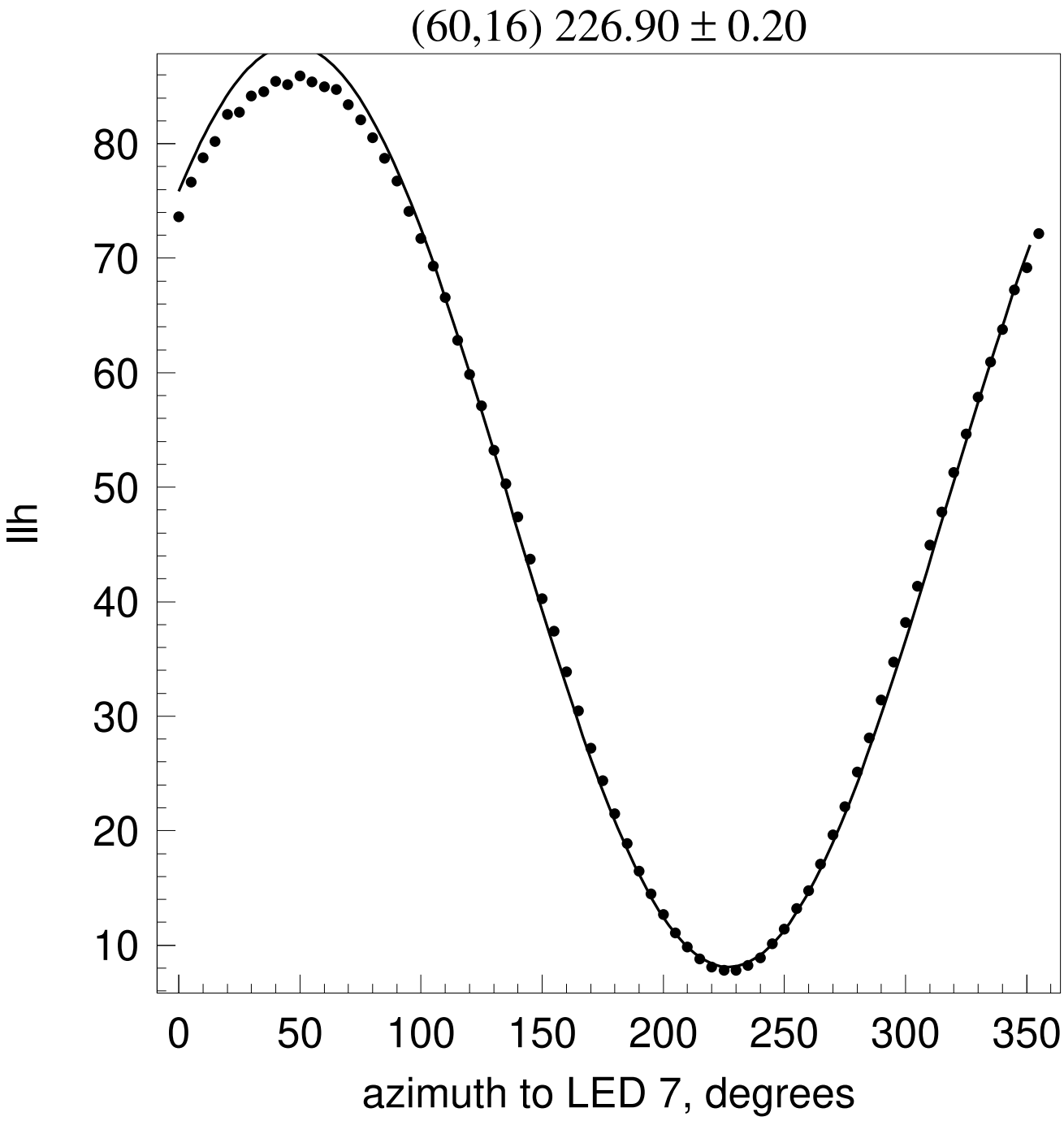

(60,11) 10.95 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

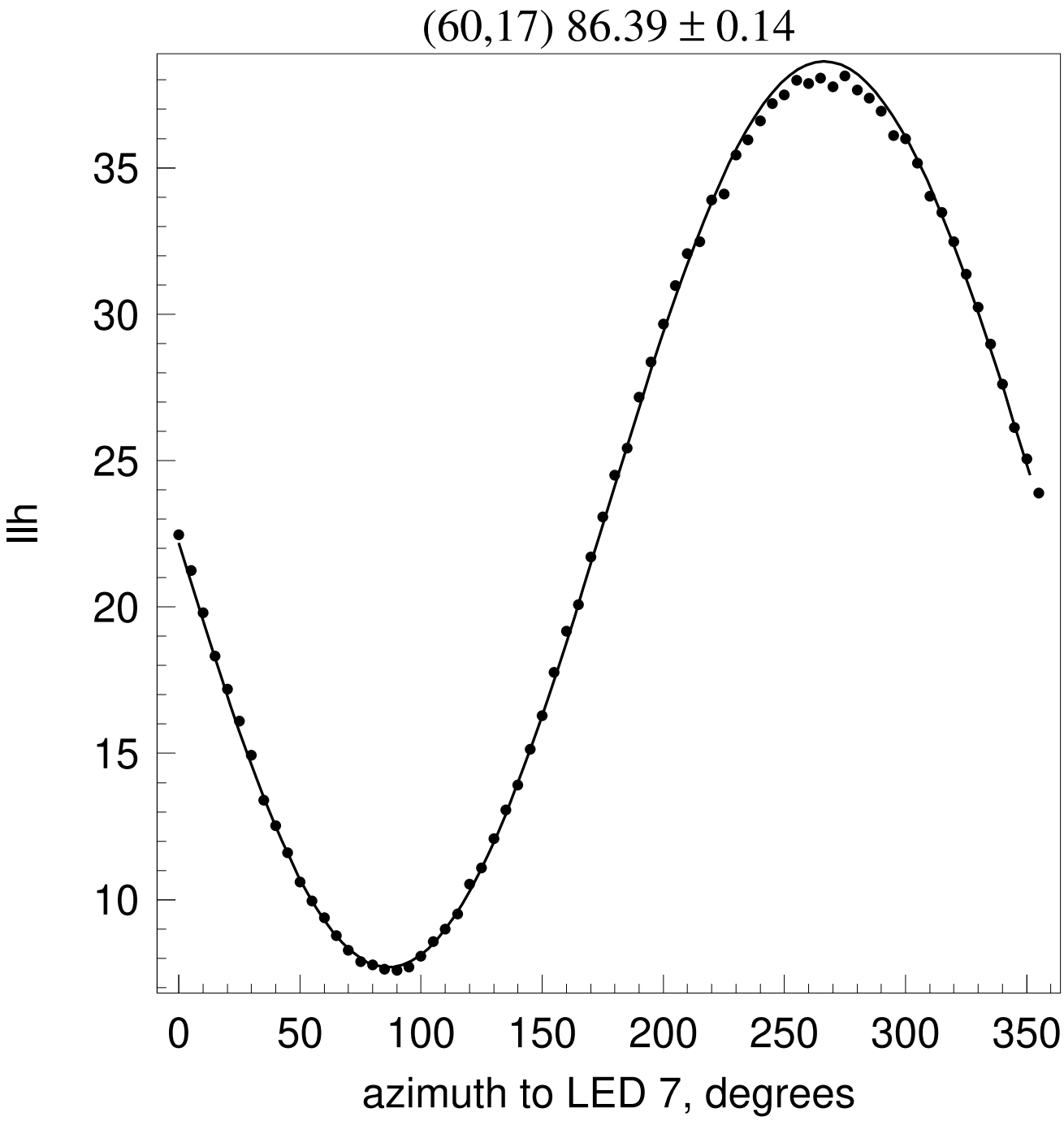

(60,12) 281.82 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

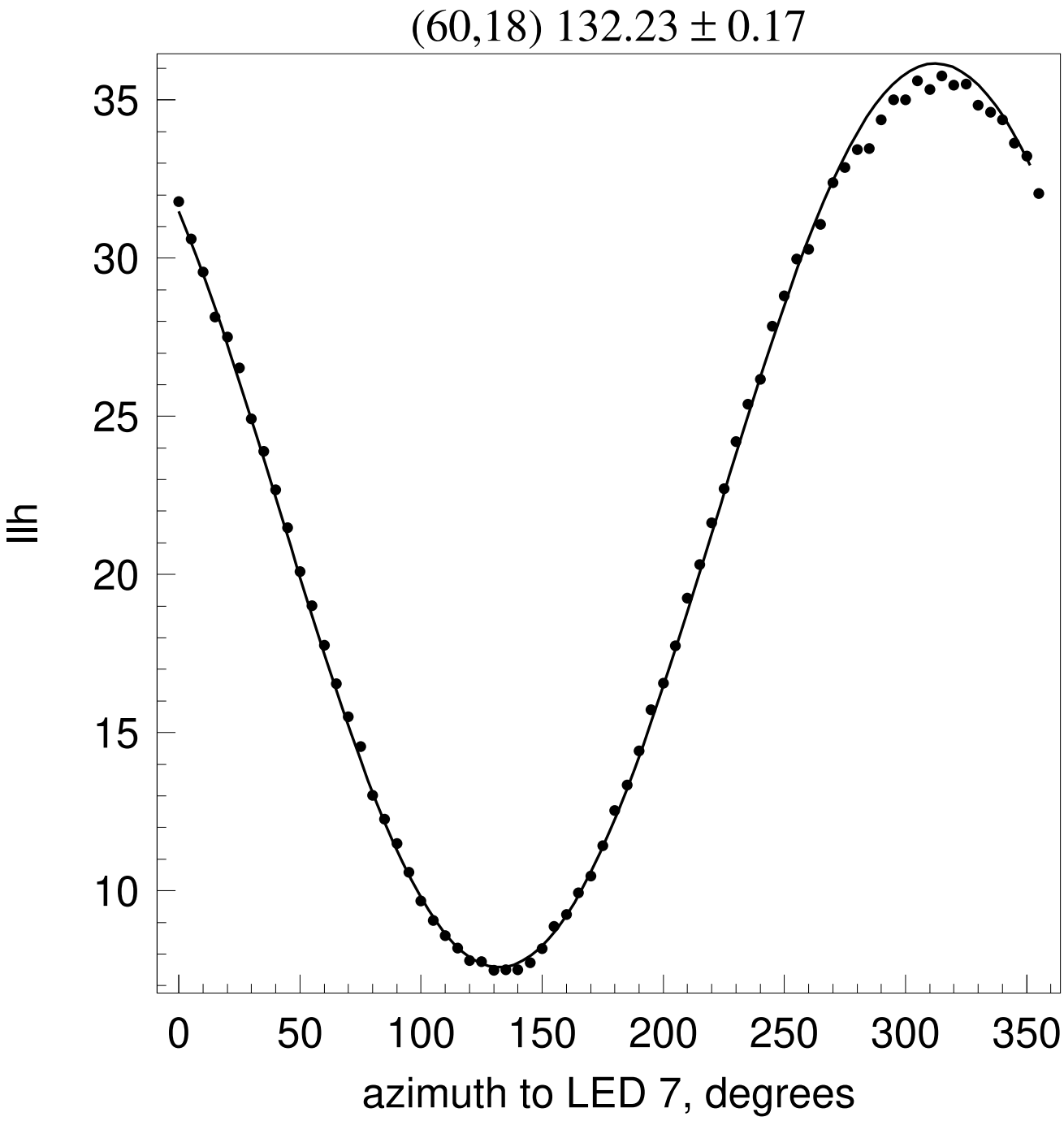

(60,13) 275.55 ± 0.33
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

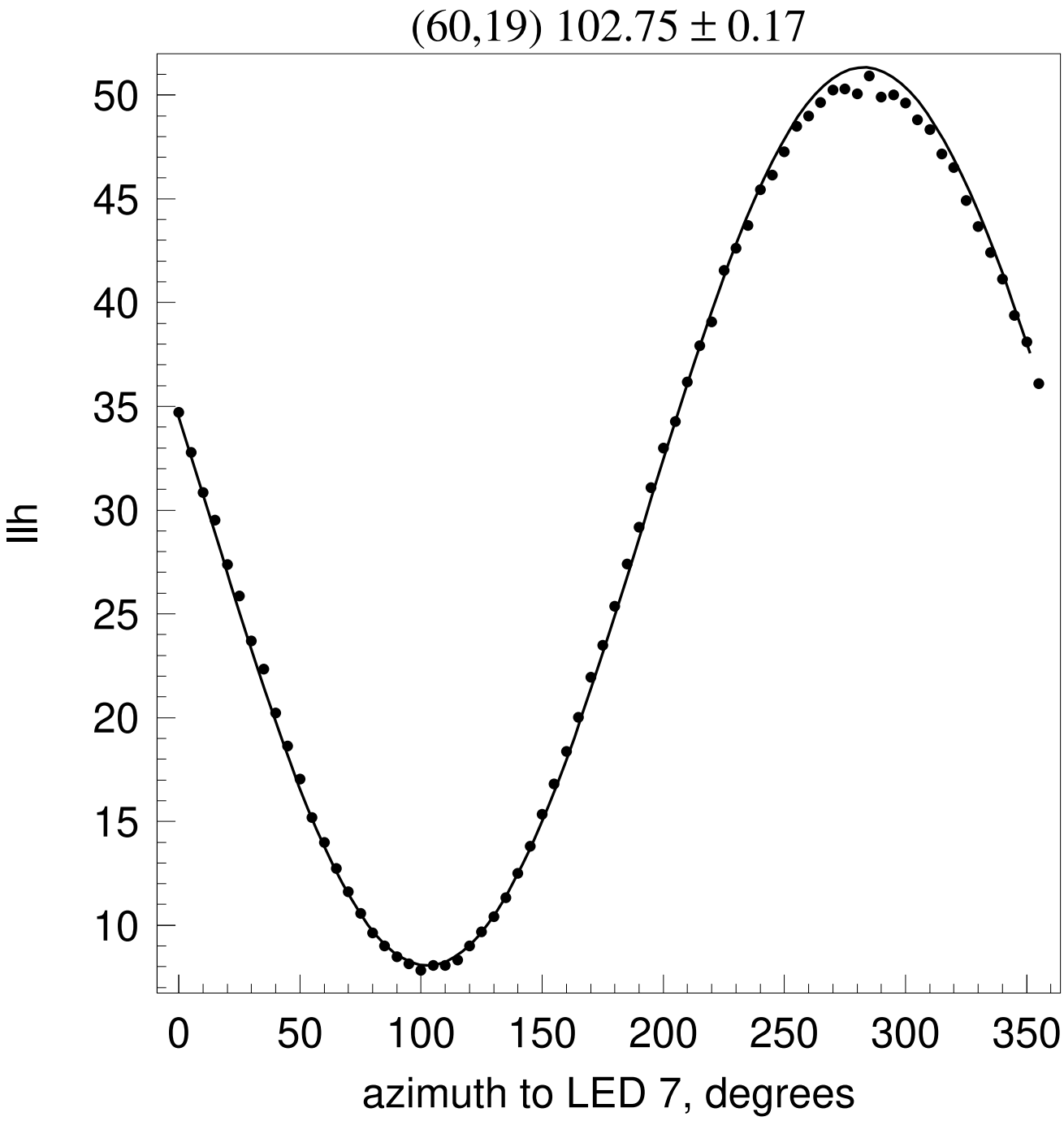

(60,14) 228.69 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

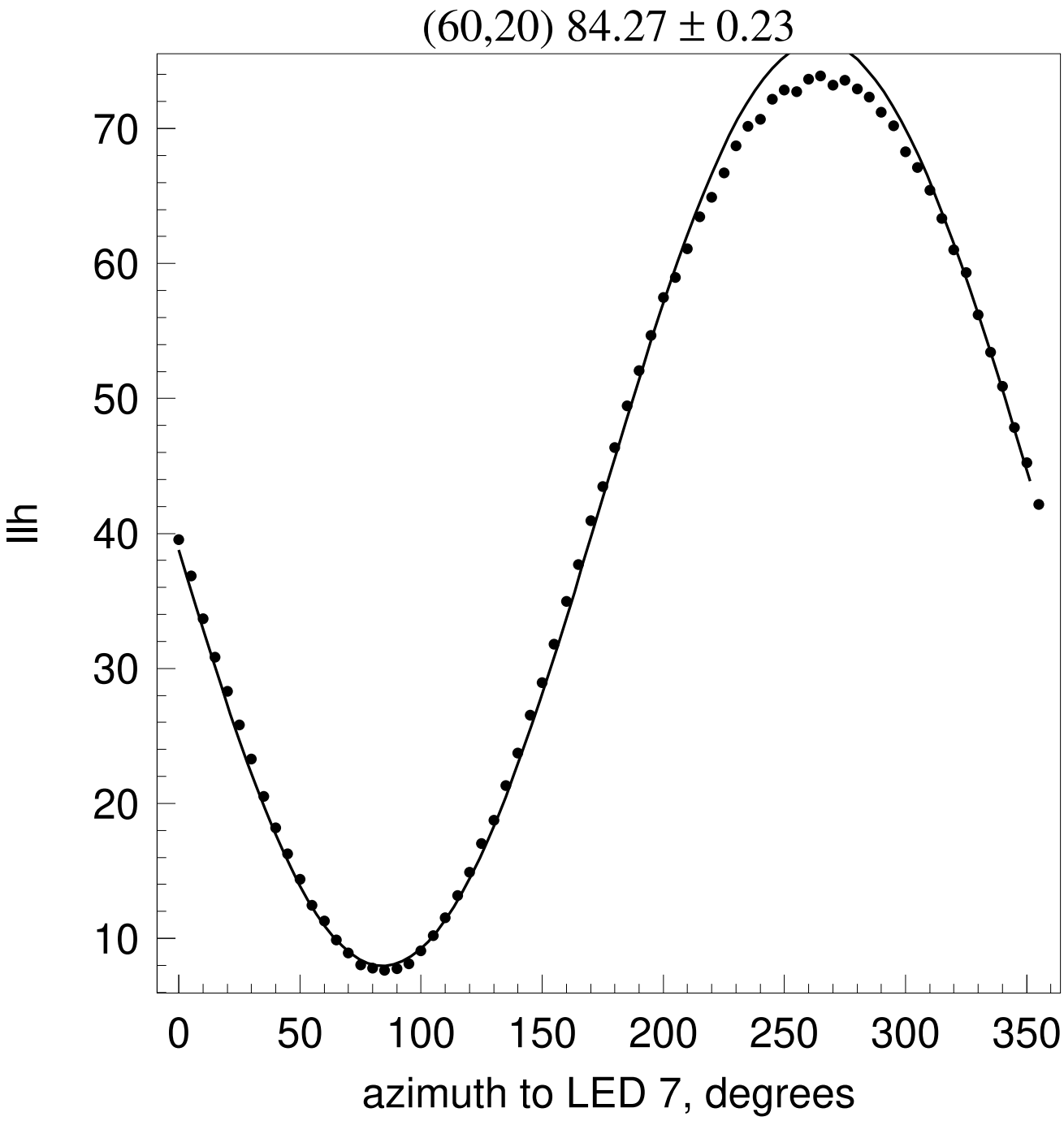

(60,15) 229.20 ± 0.23
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

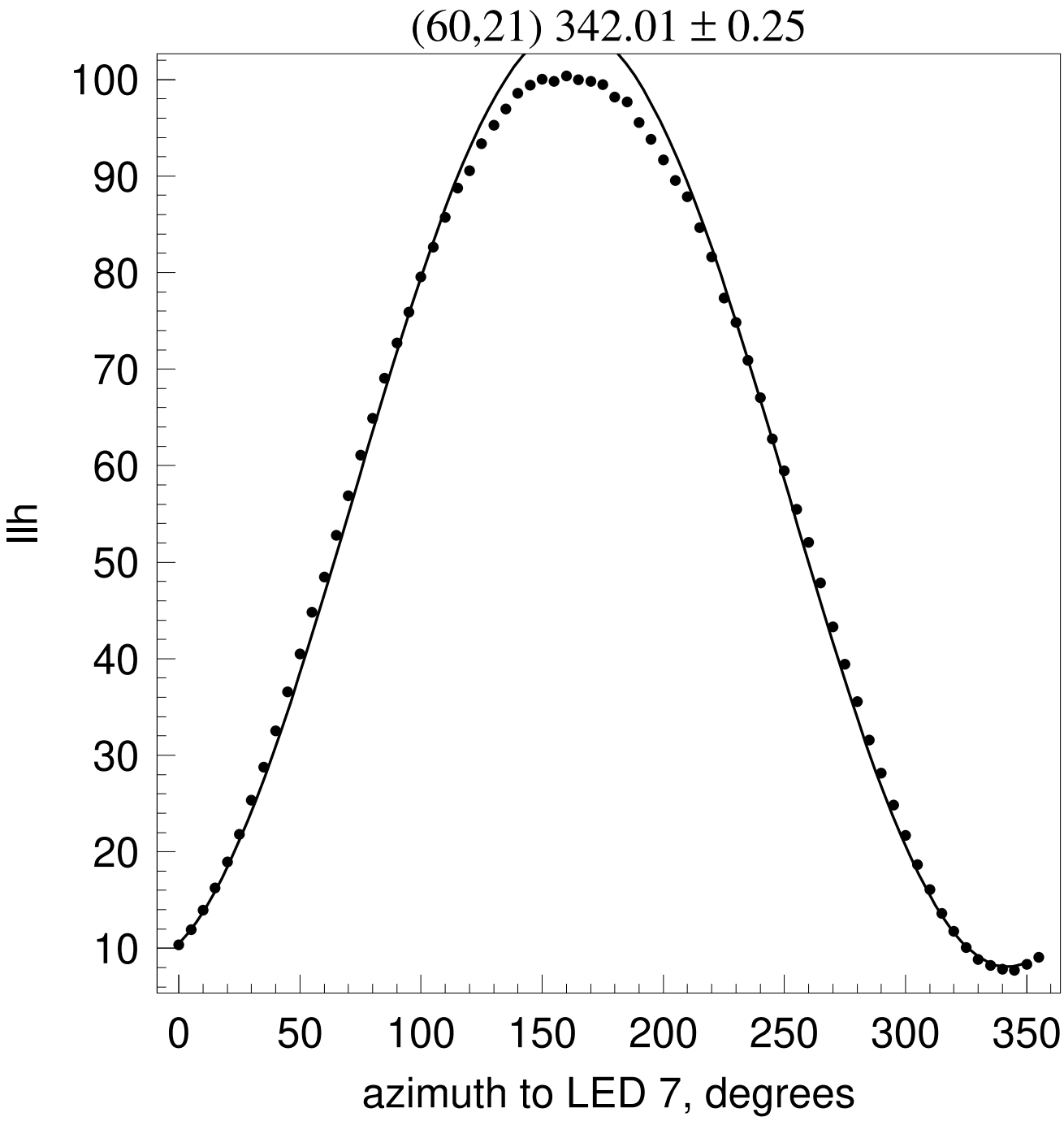

(60,16) 226.90 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

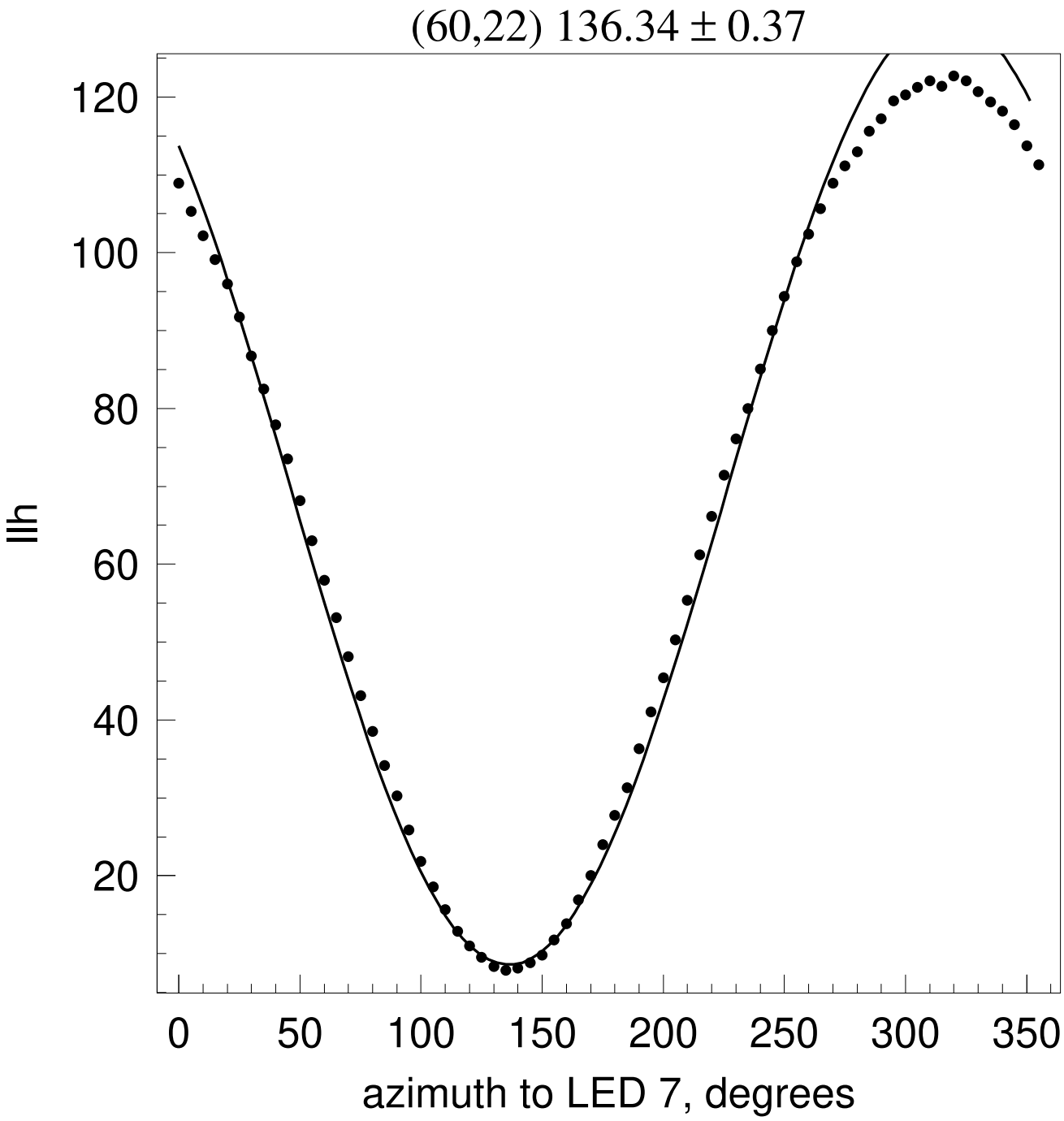

(60,17) 86.39 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

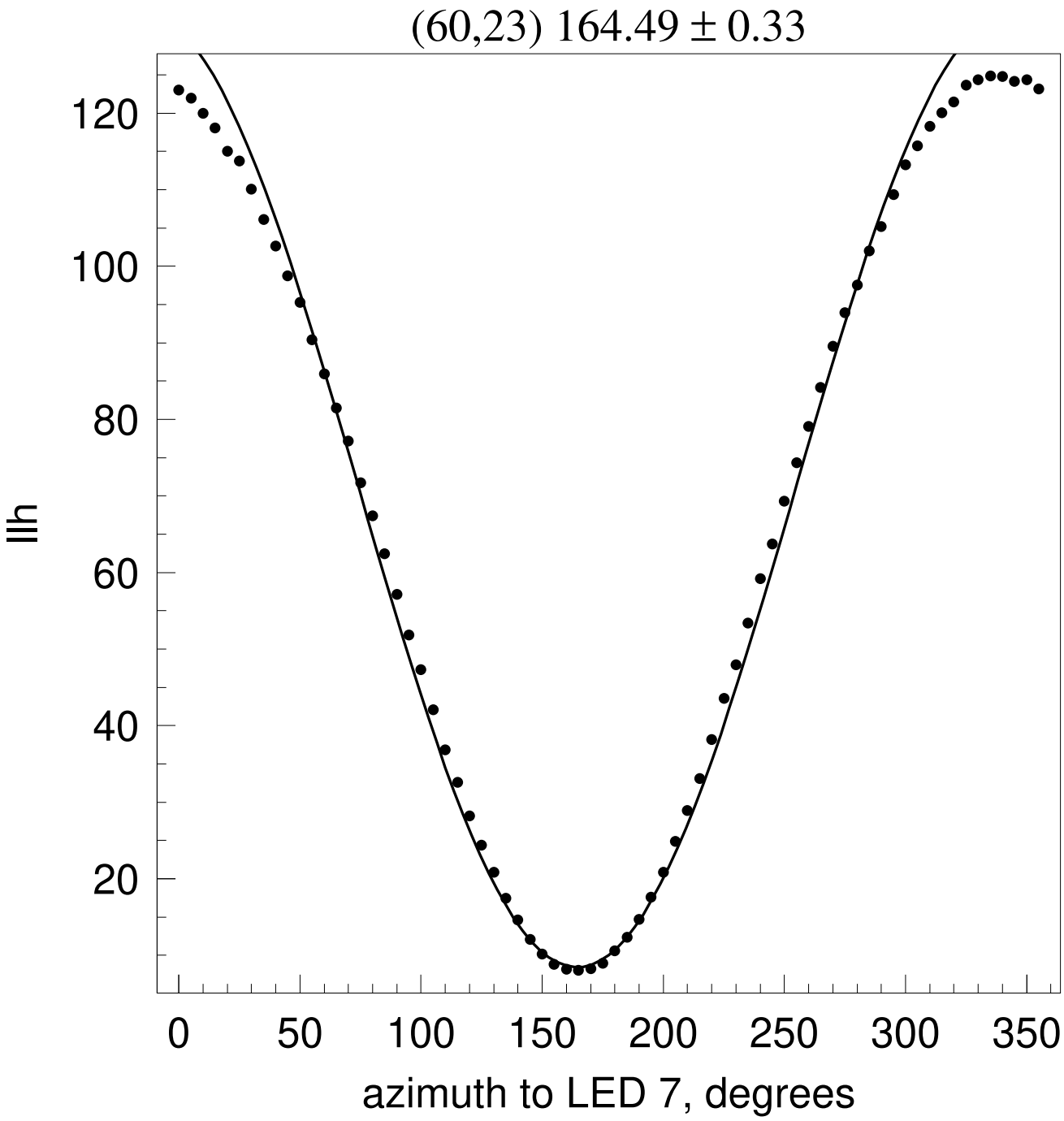

(60,18) 132.23 ± 0.17
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

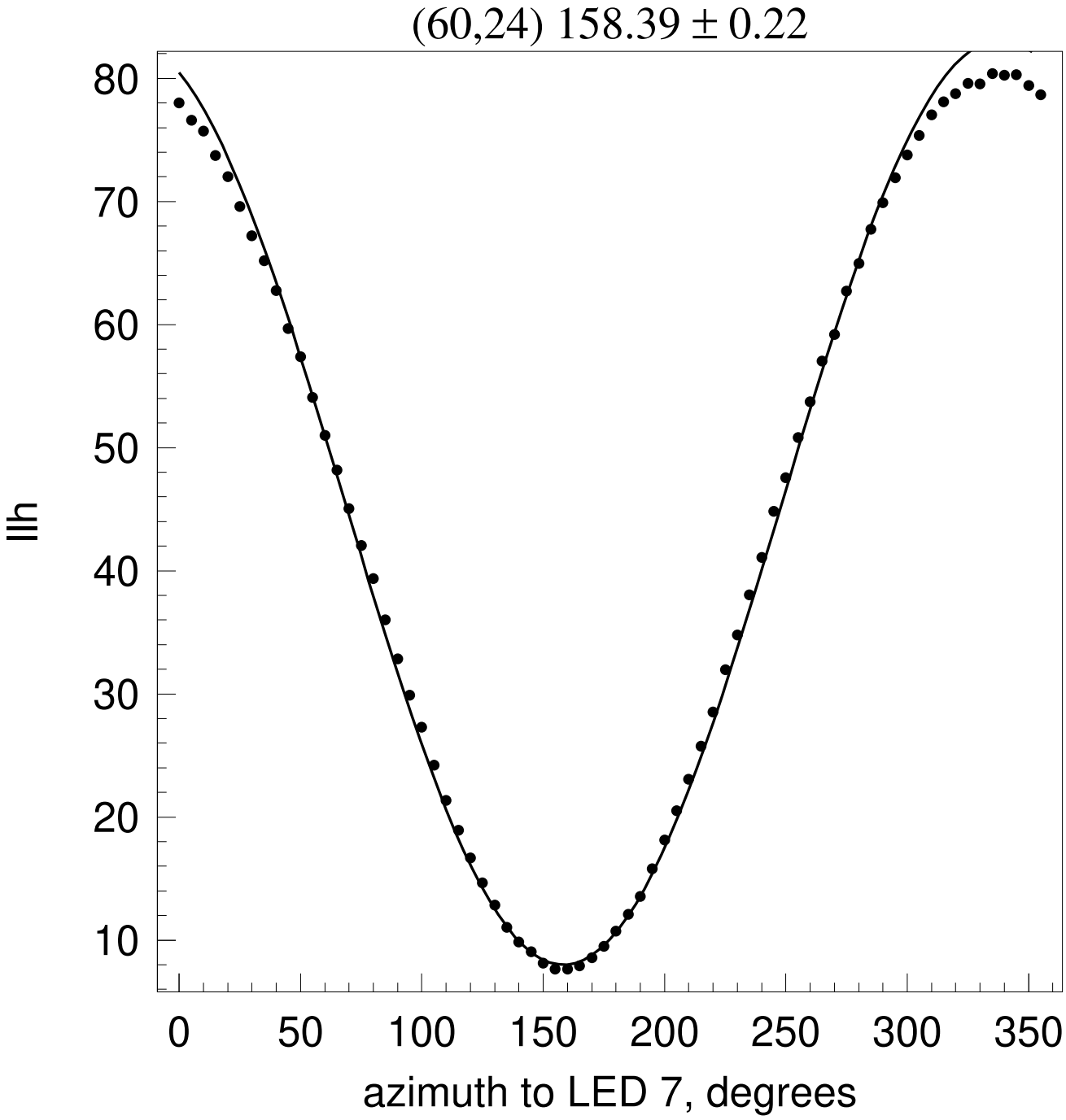

(60,19) 102.75 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

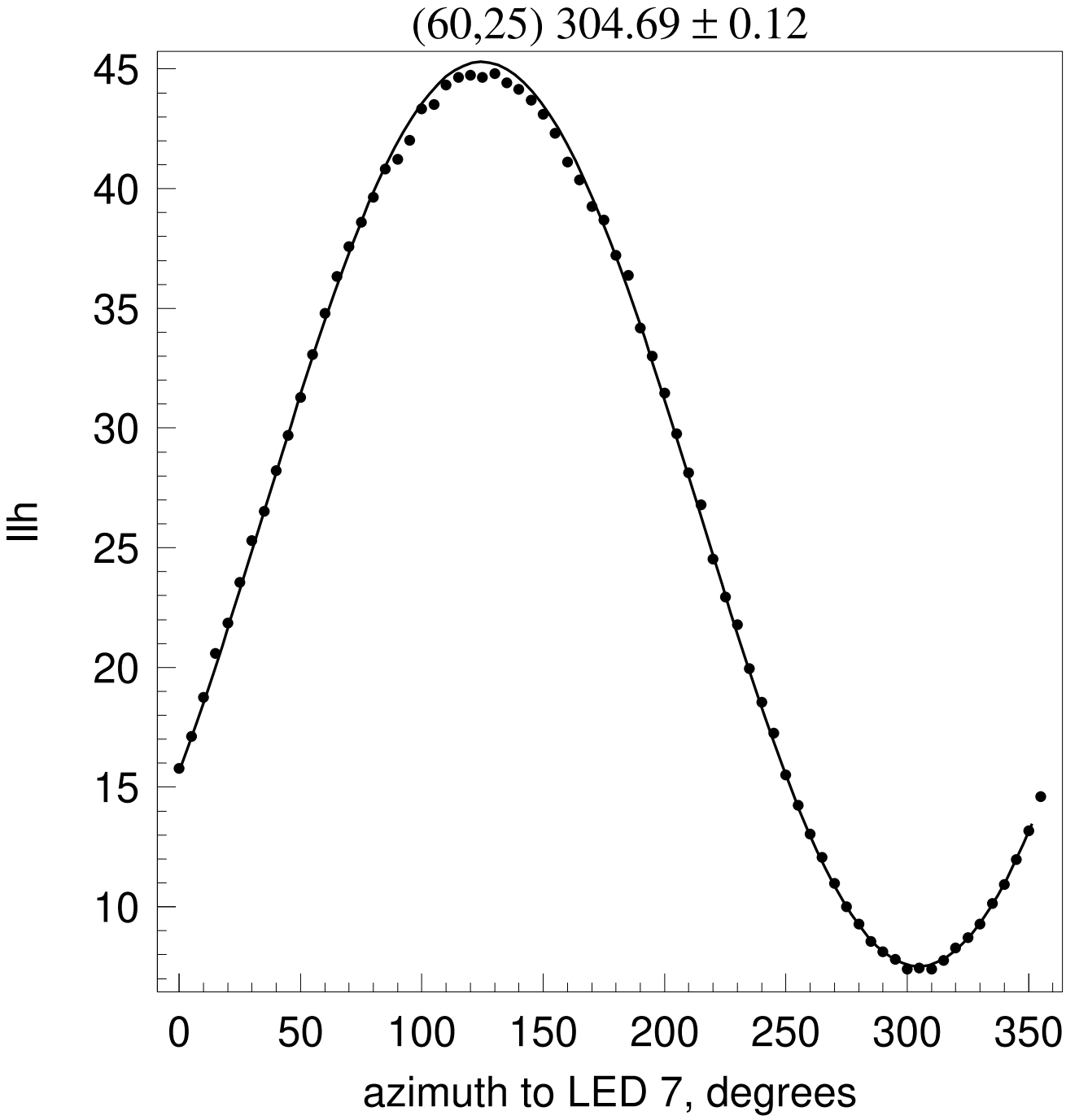

(60,20) 84.27 ± 0.23
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

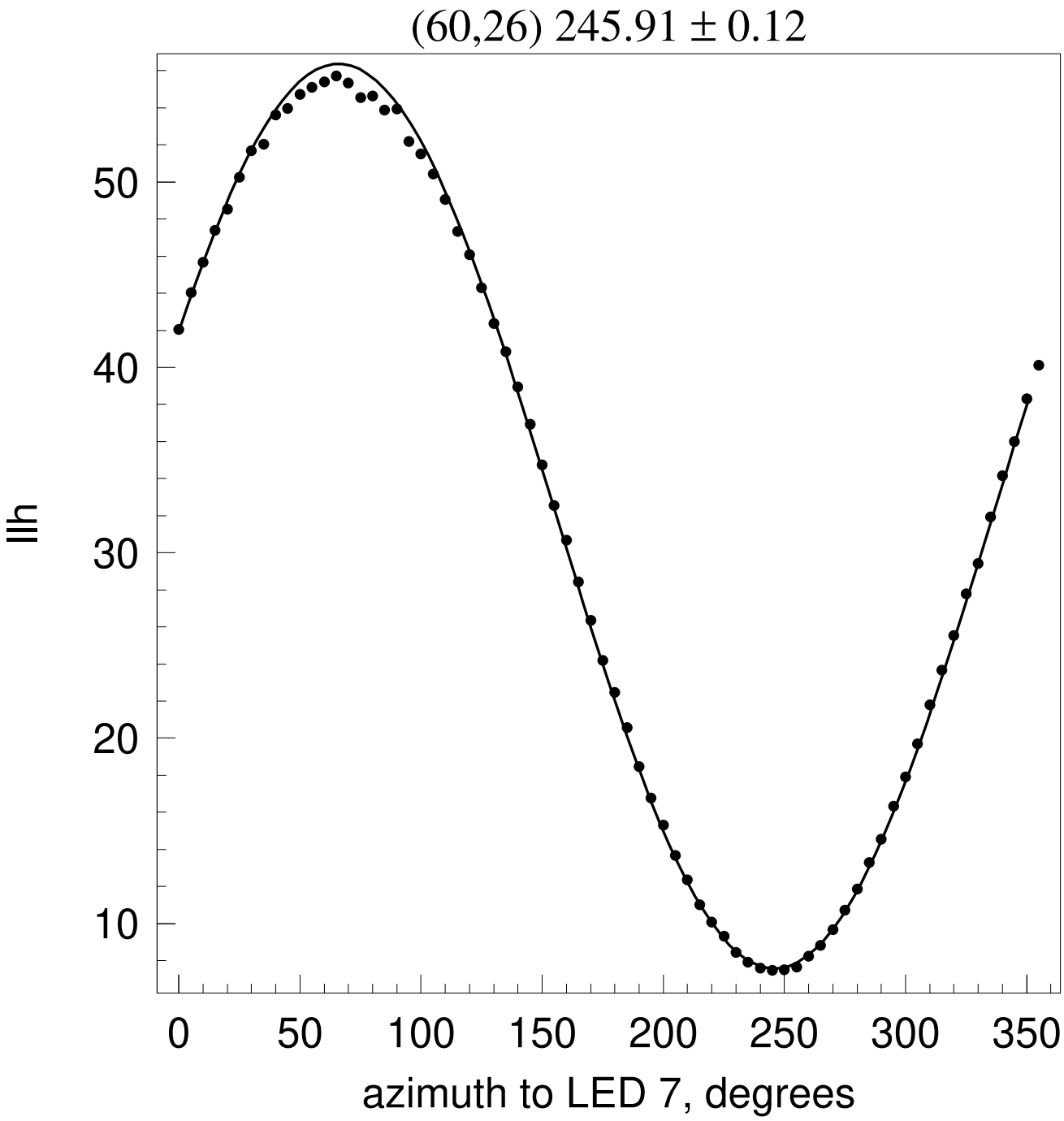

(60,21) 342.01 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

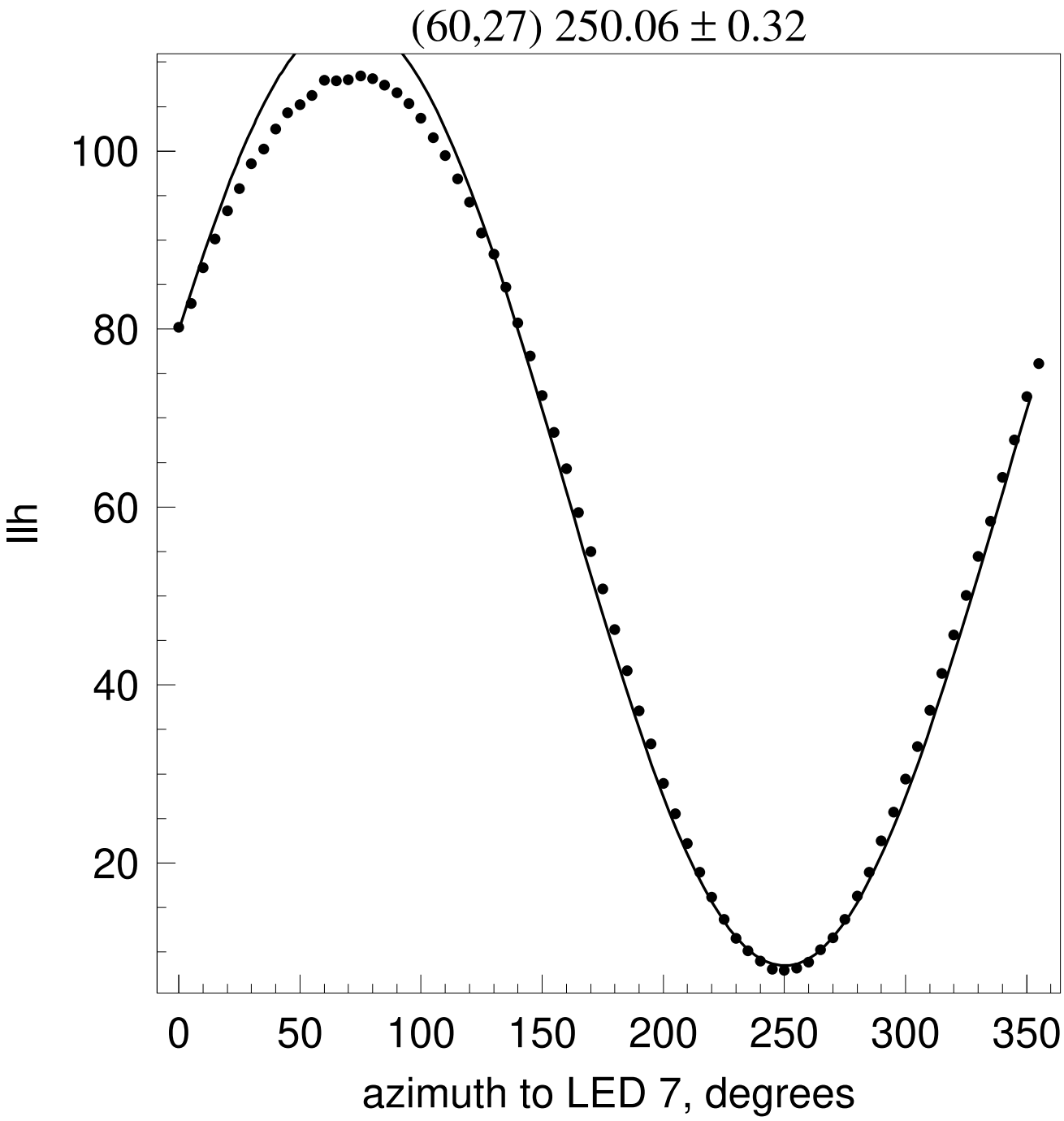

(60,22) 136.34 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

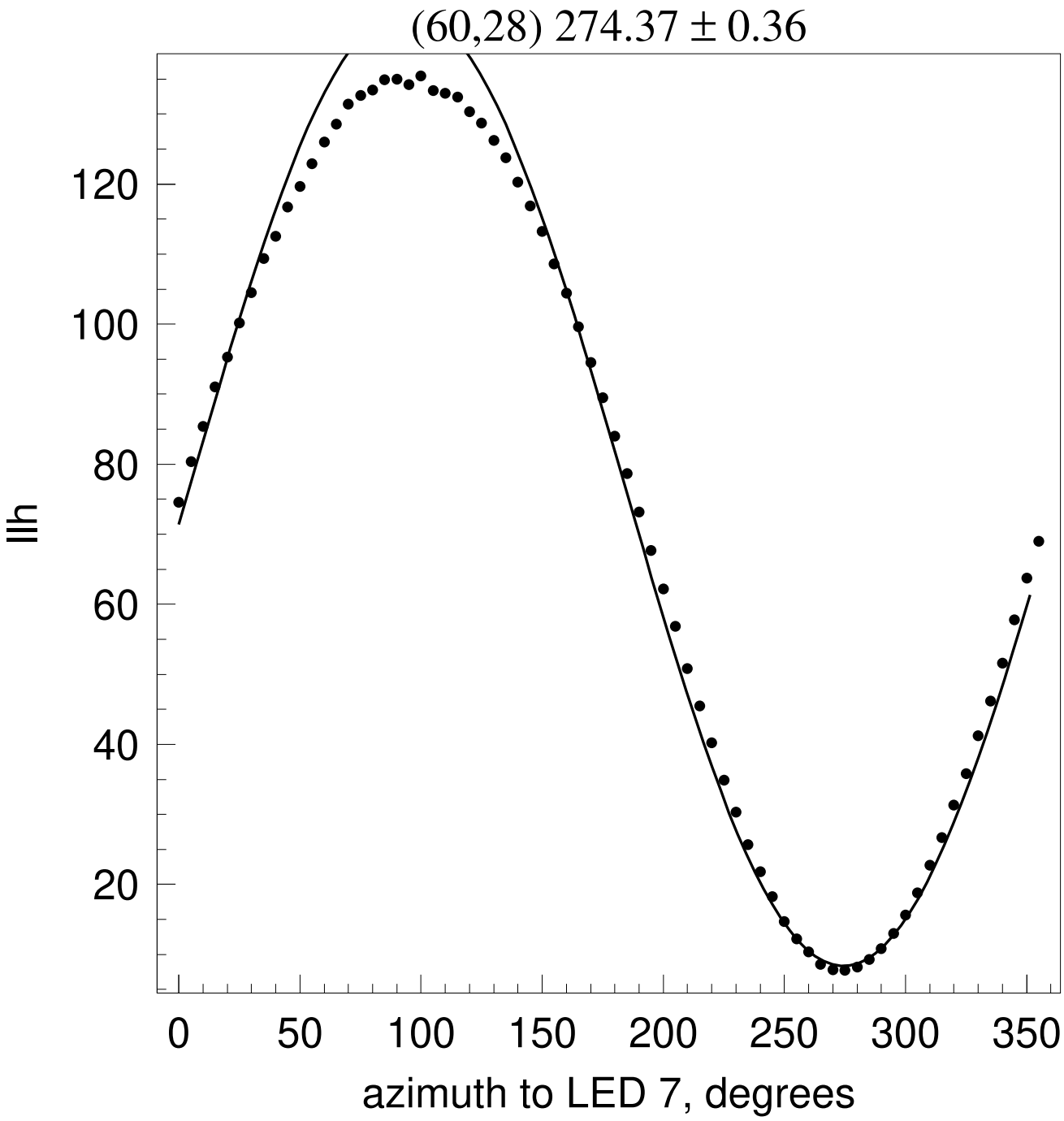

(60,23) 164.49 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

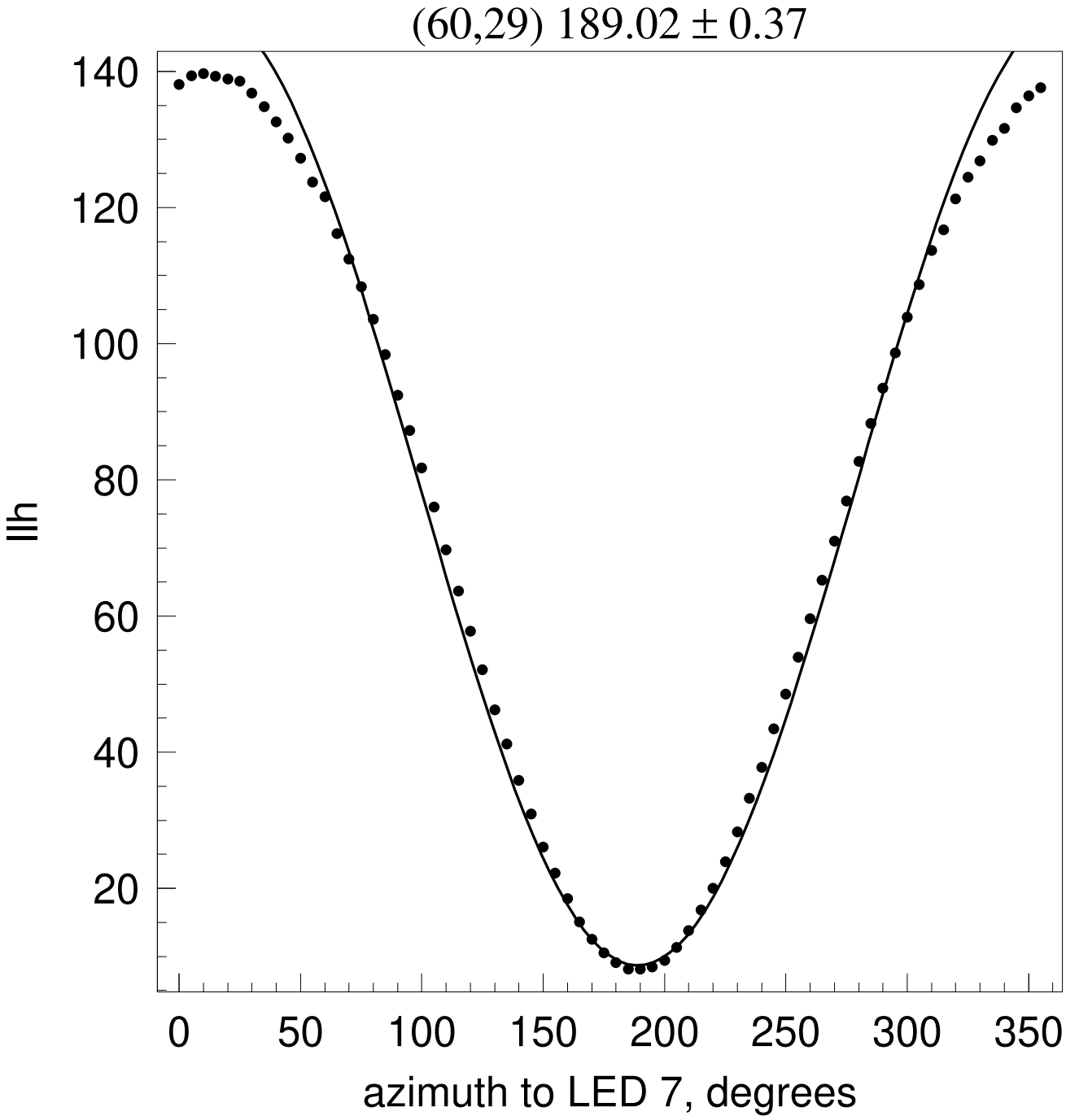

(60,24) 158.39 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

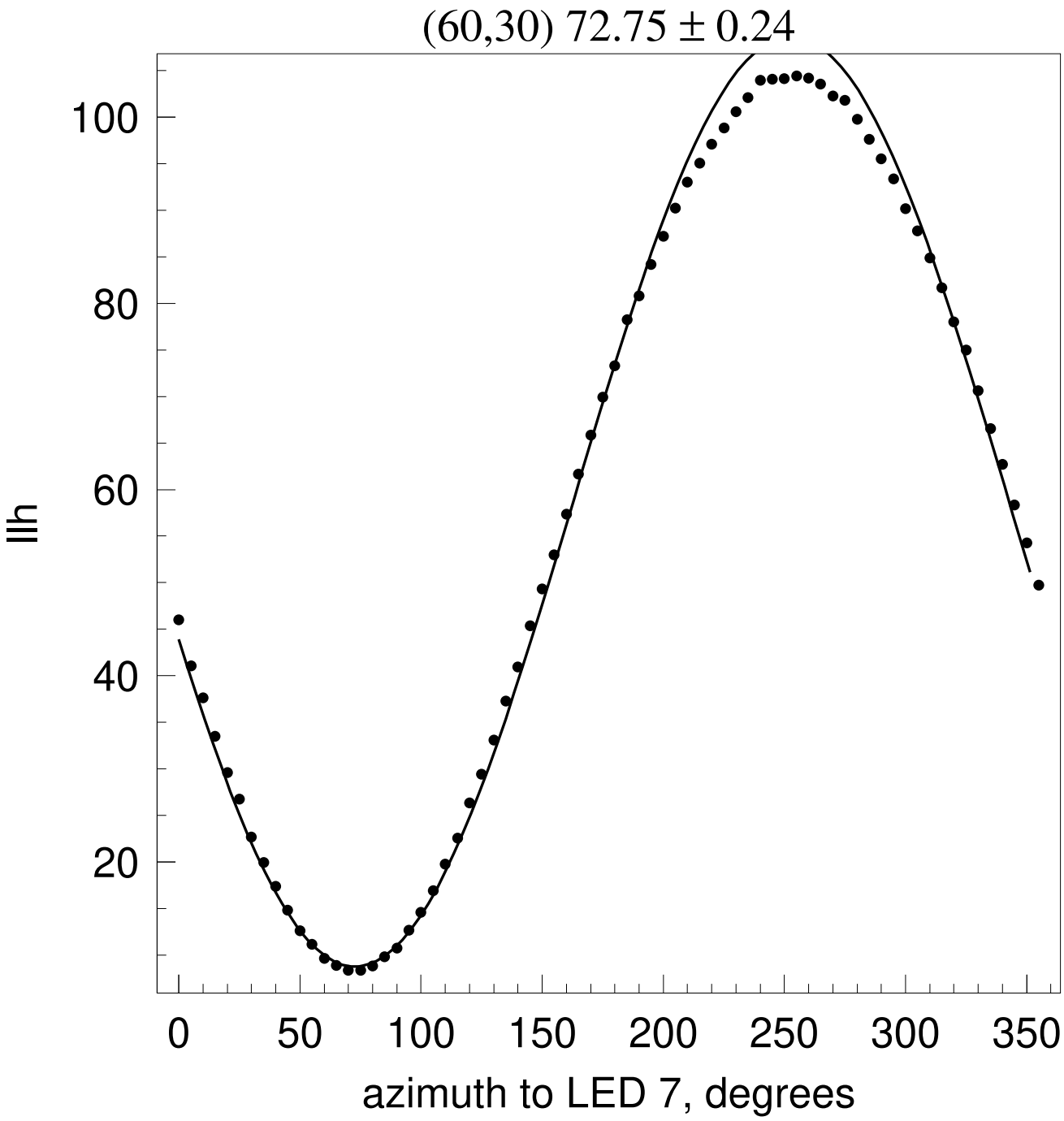

(60,25) 304.69 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

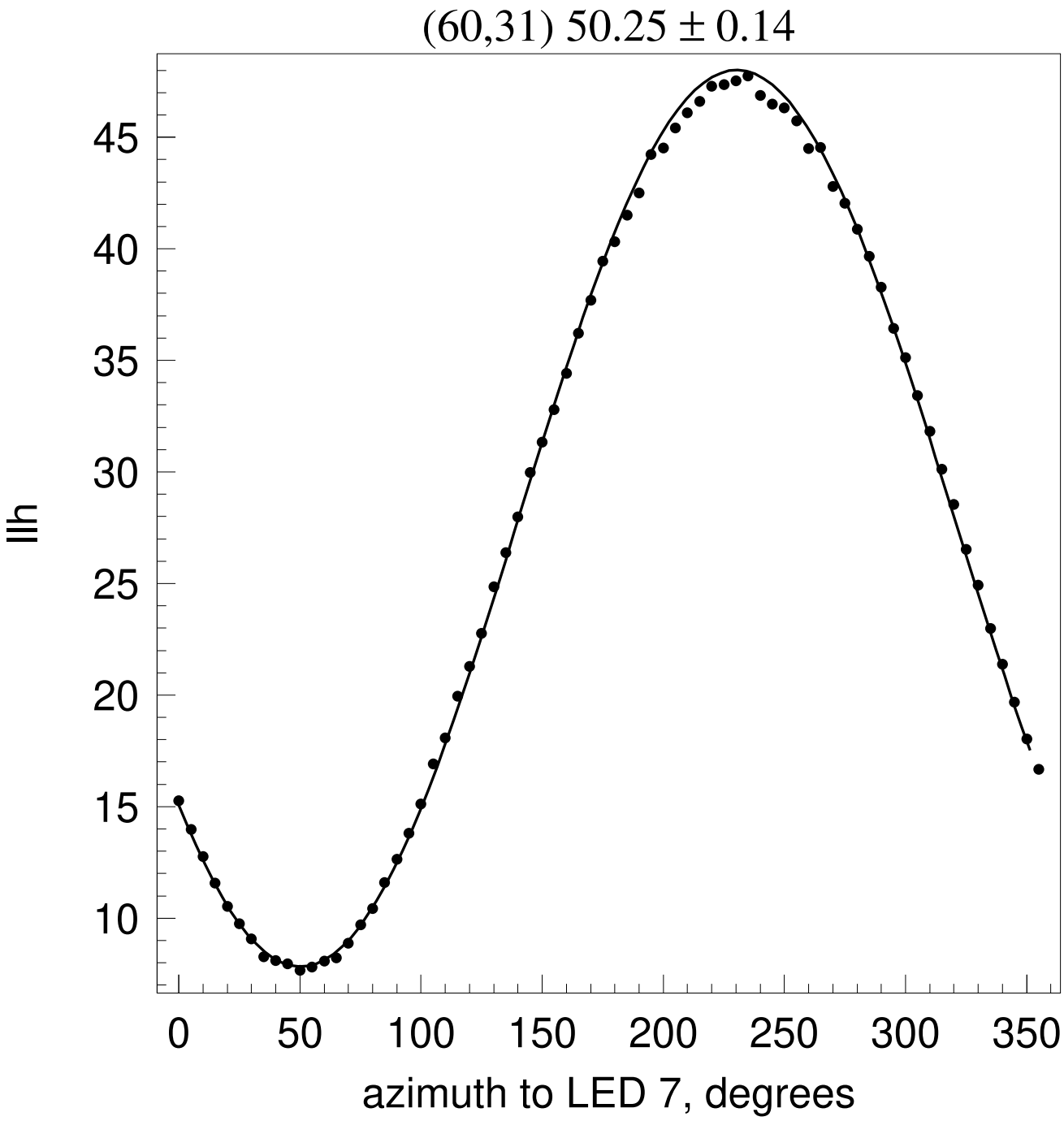

(60,26) 245.91 ± 0.12
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

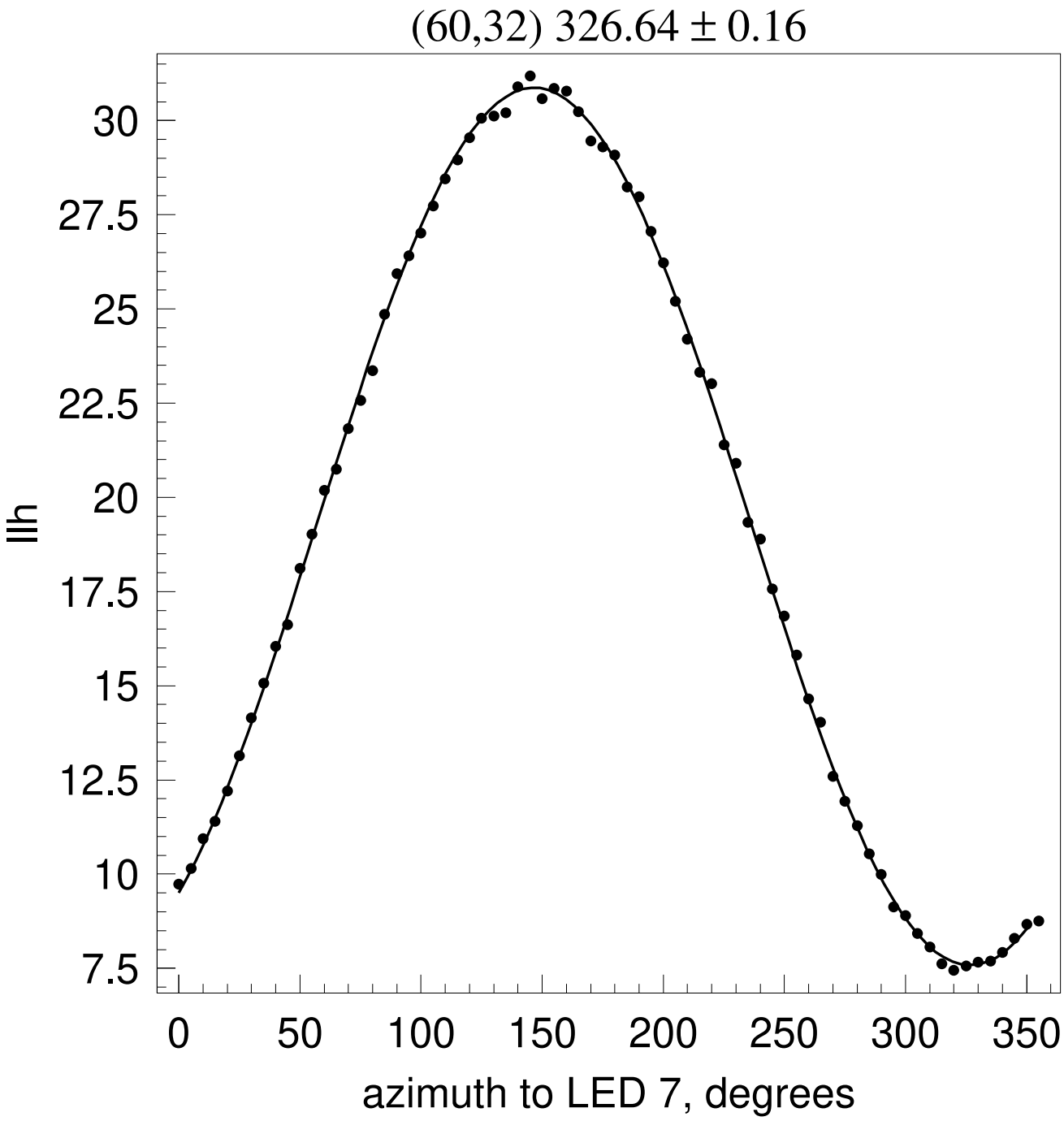

(60,27) 250.06 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

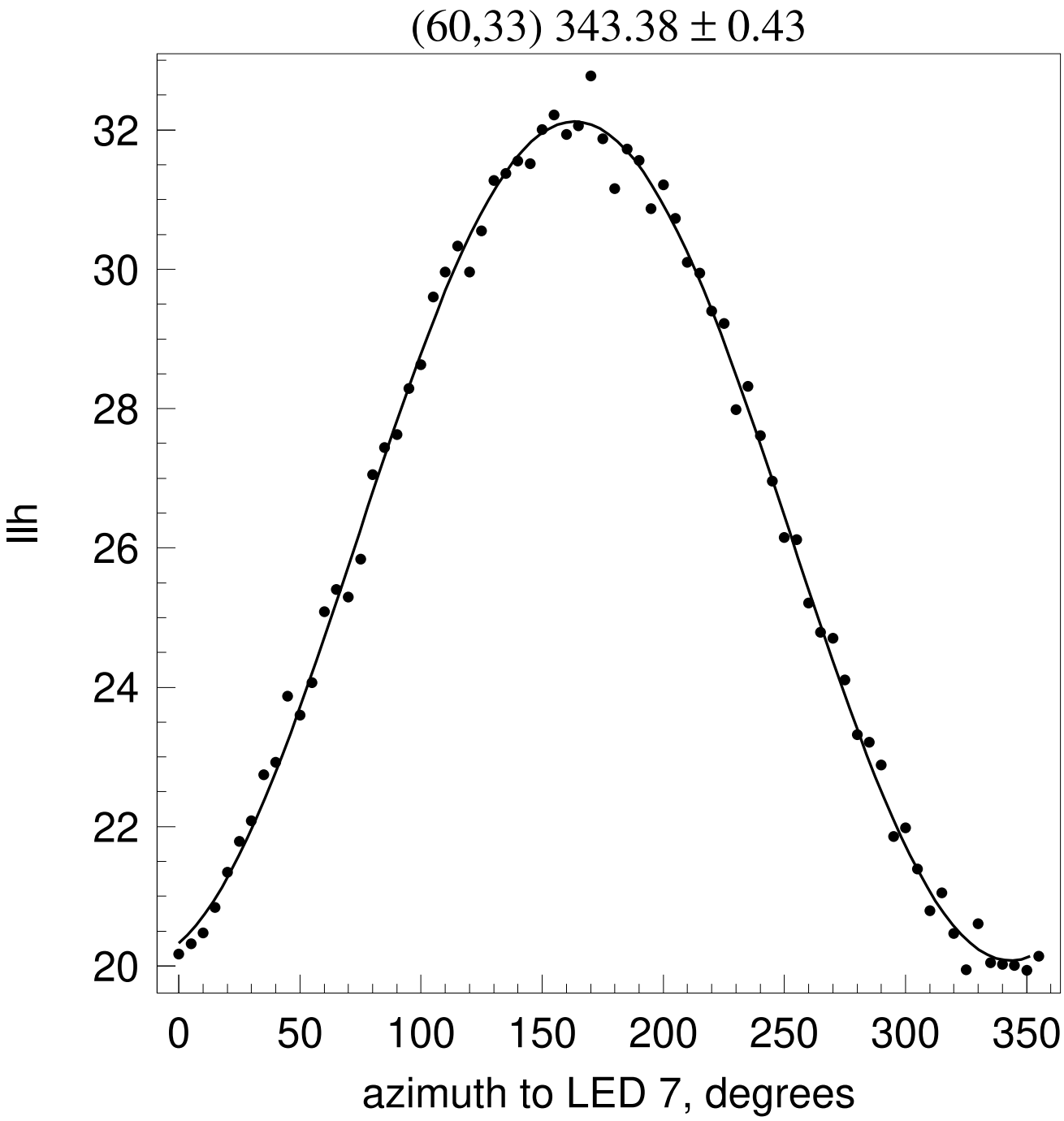

(60,28) 274.37 ± 0.36
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

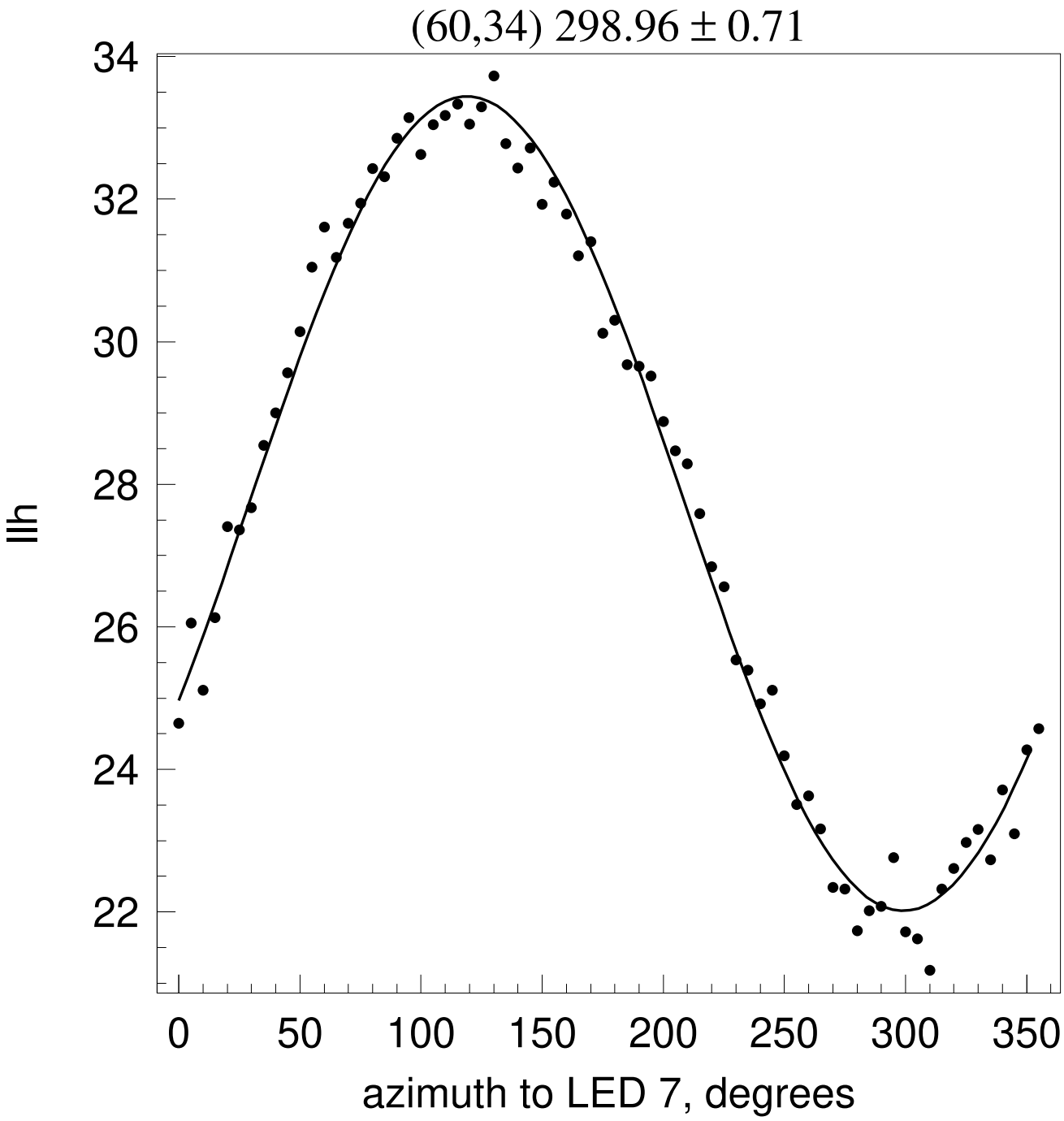

(60,29) 189.02 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

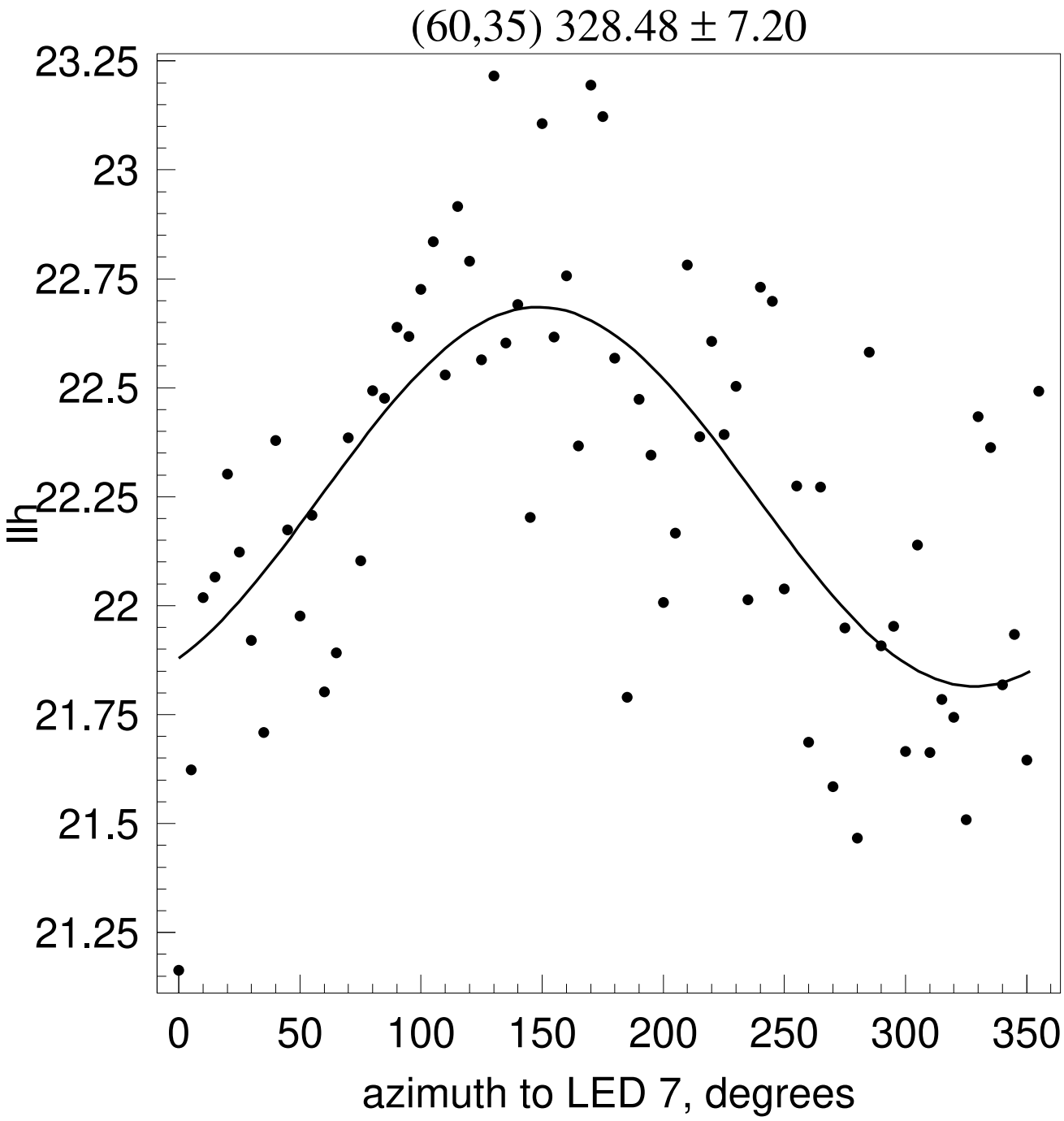

(60,30) 72.75 ± 0.24
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

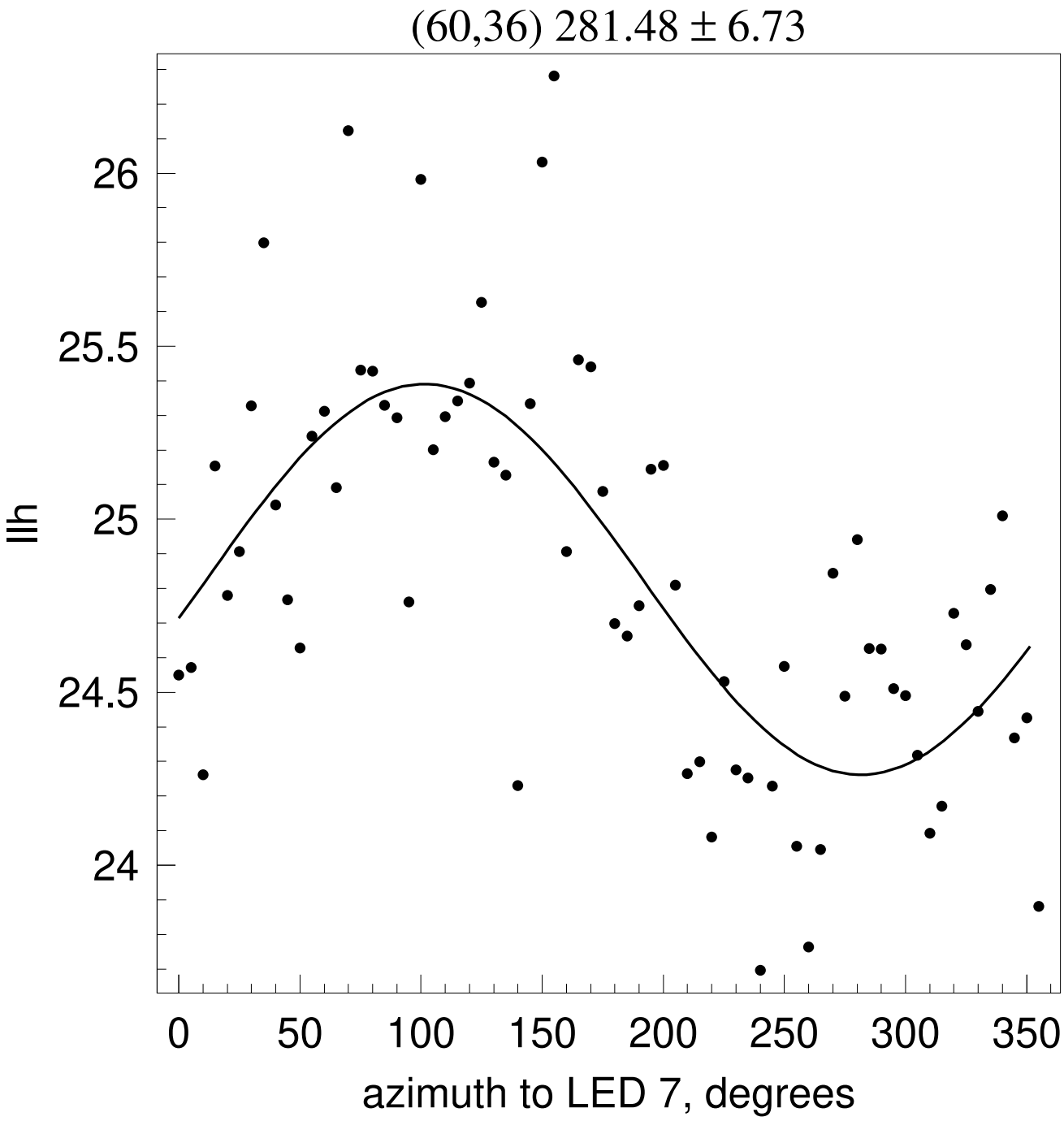

(60,31) 50.25 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

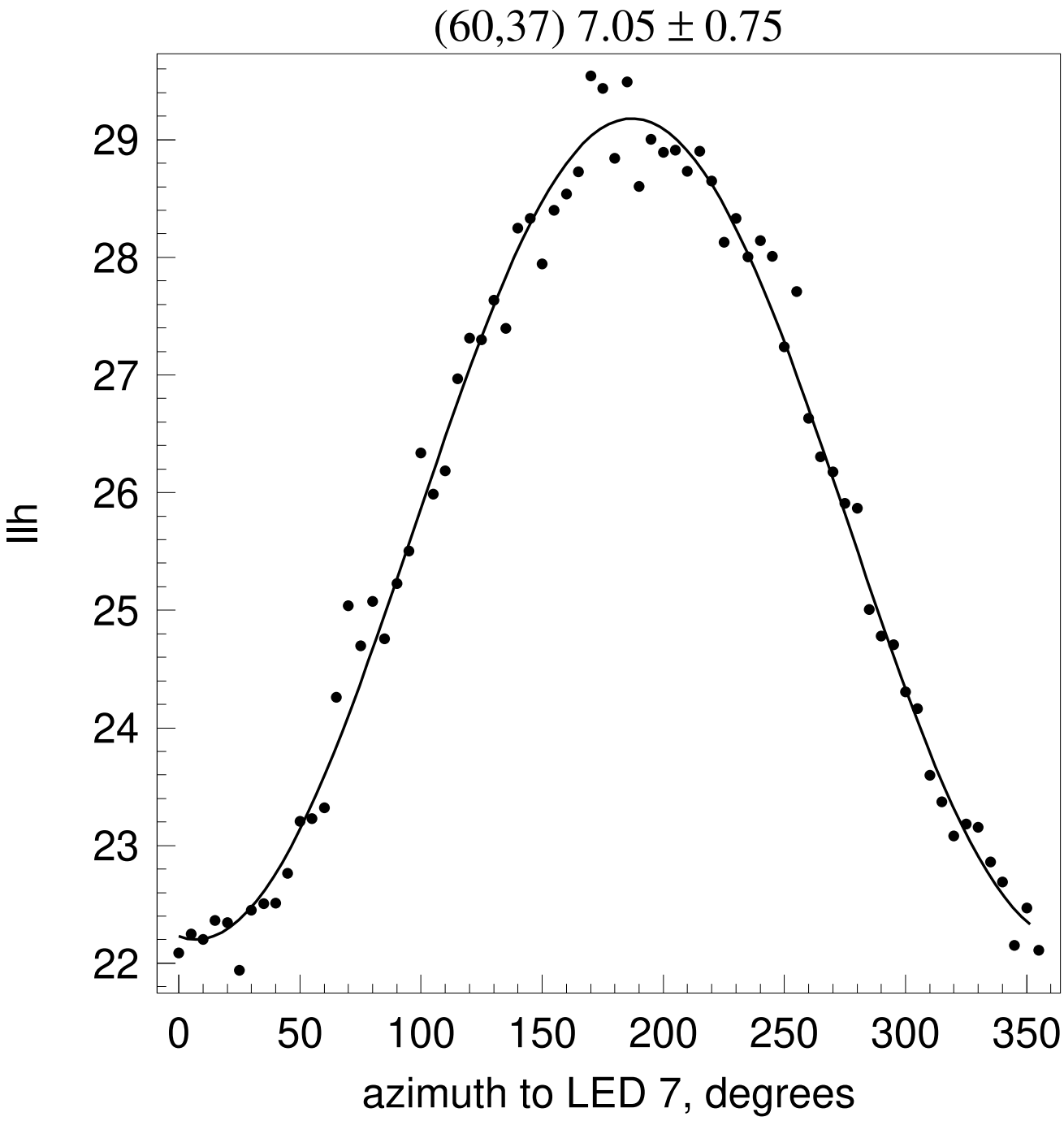

(60,32) 326.64 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

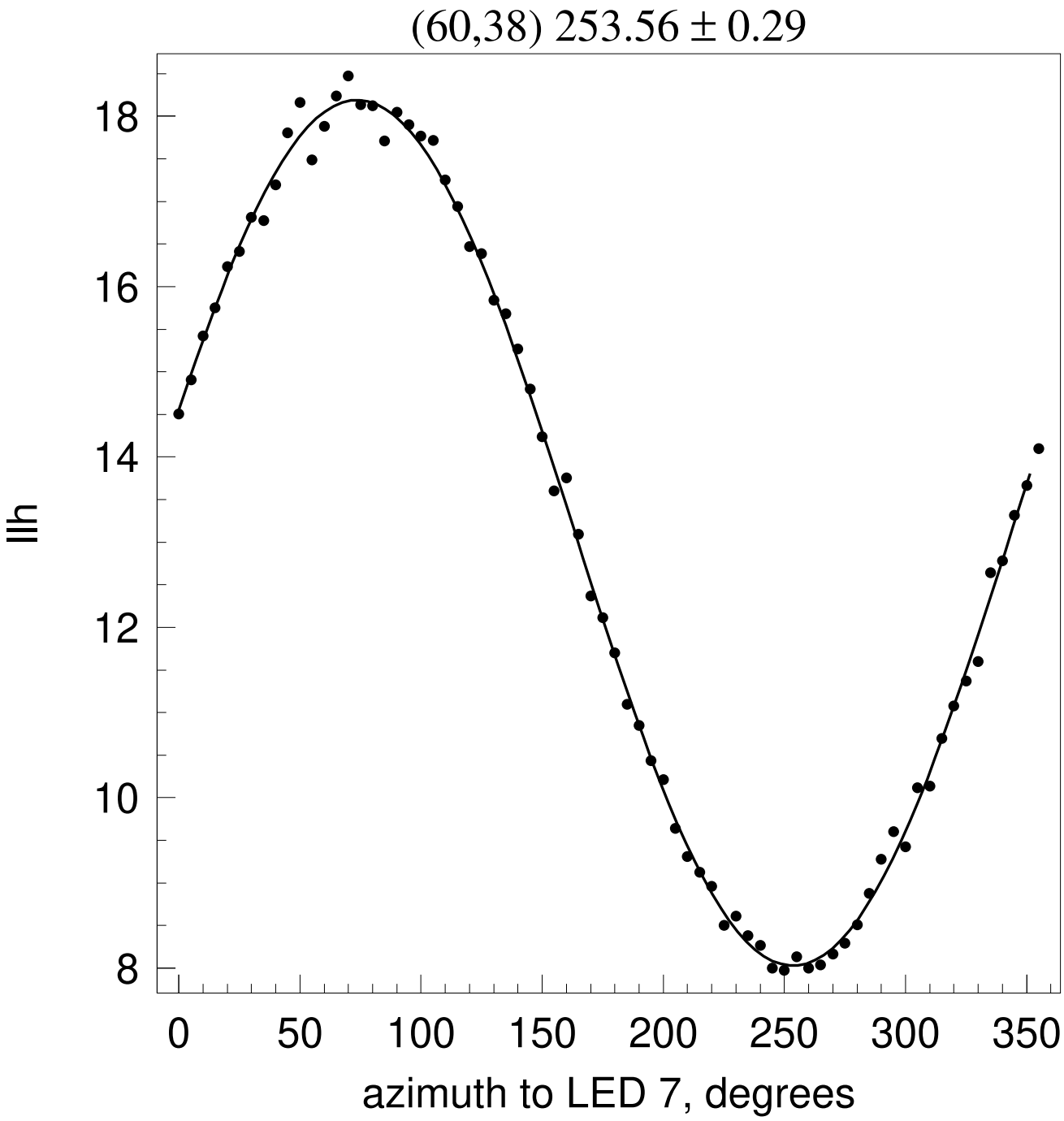

(60,33) 343.38 ± 0.43
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

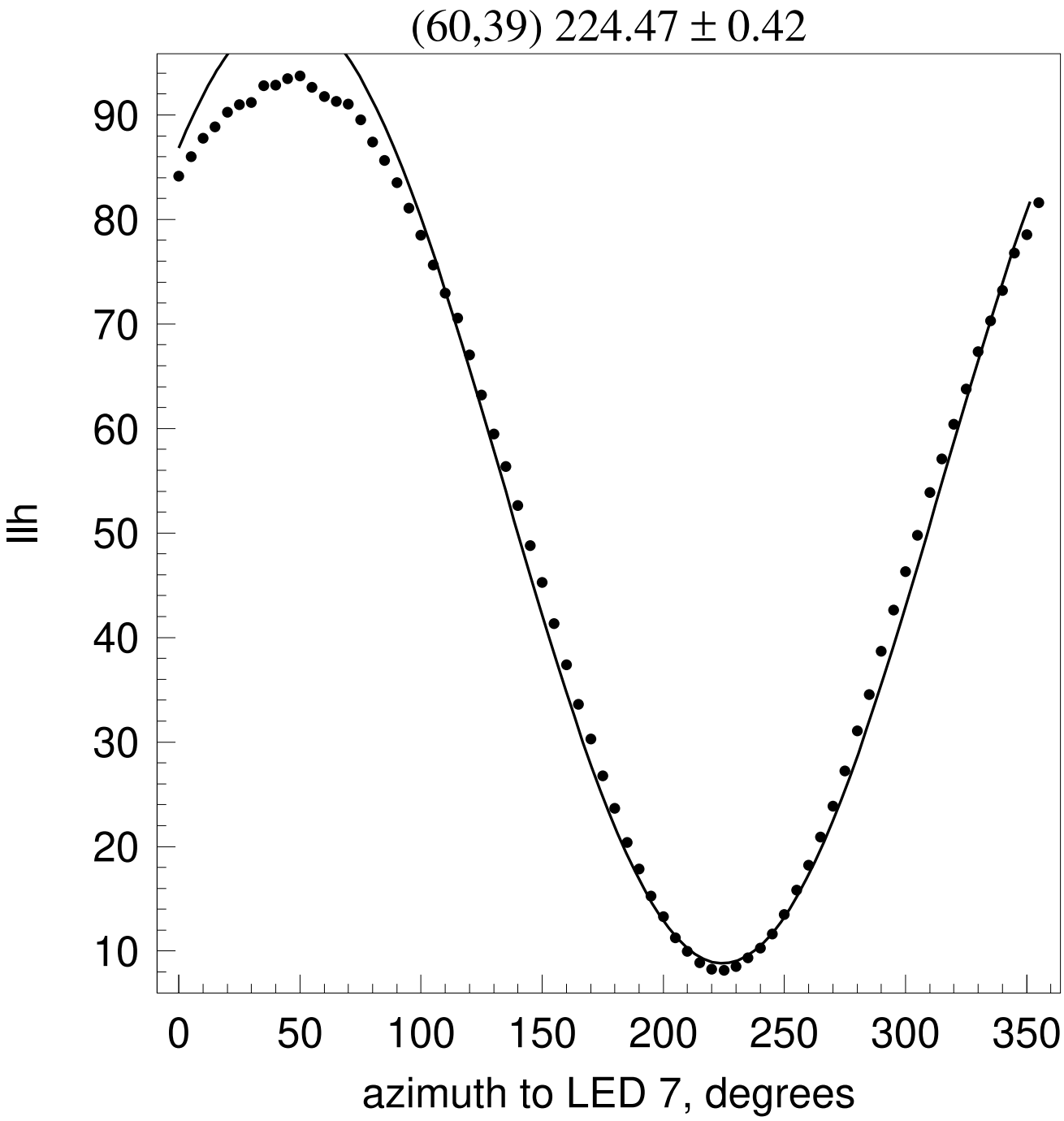

(60,34) 298.96 ± 0.71
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

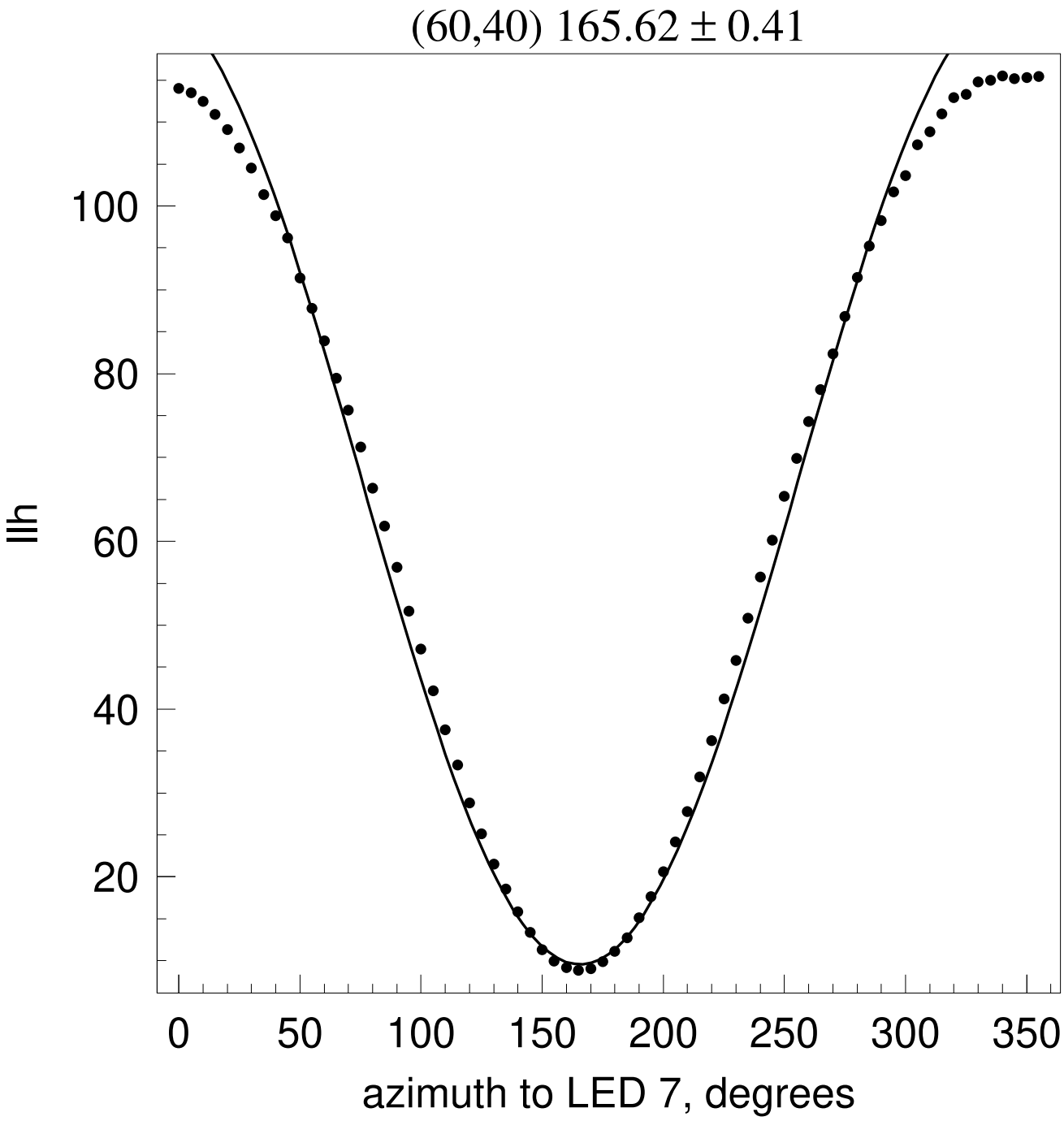

(60,35) 328.48 ± 7.20
23.25
23
22.75
22.5
22.25
22
21.75
21.5
21.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

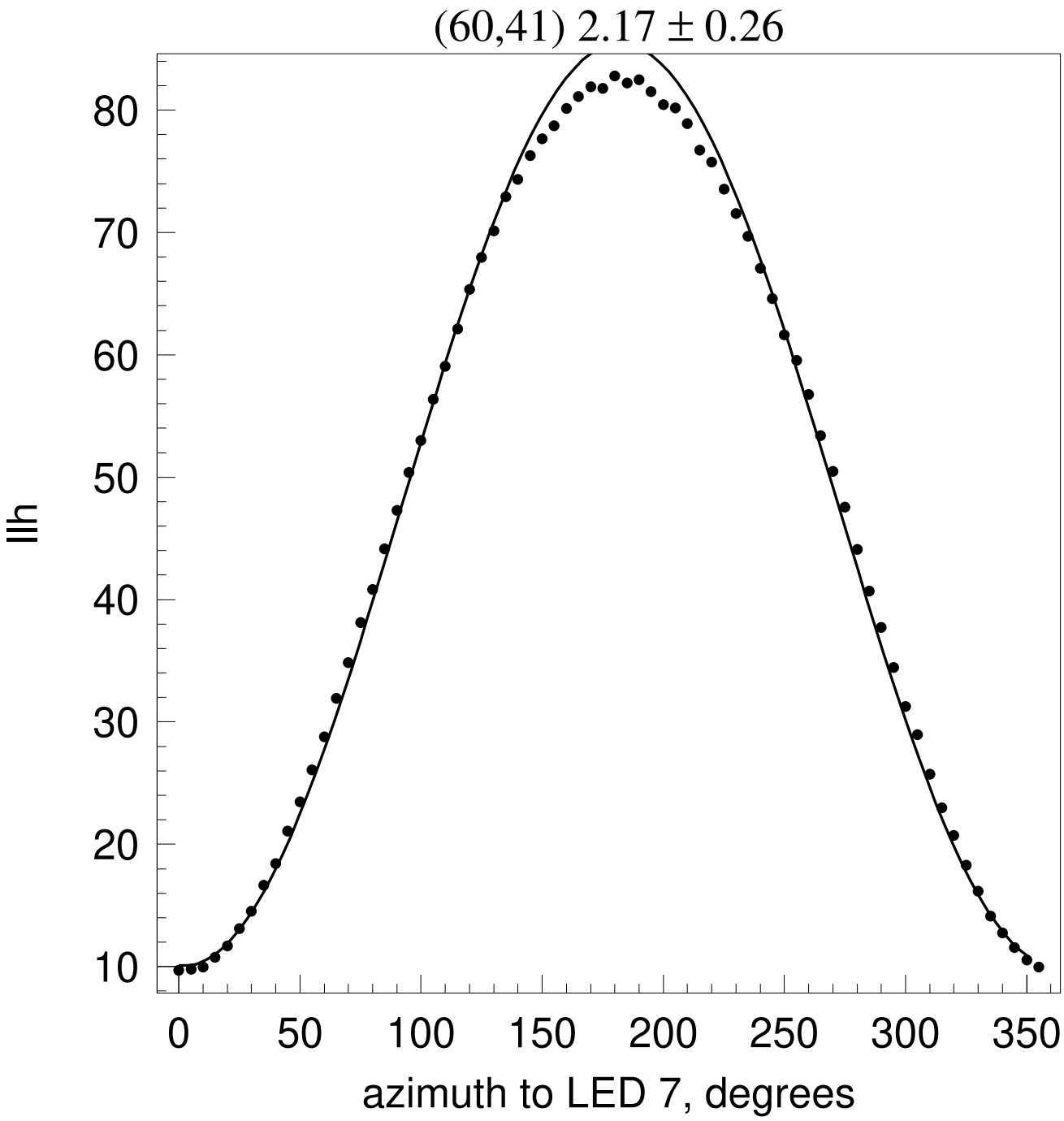

(60,36) 281.48 ± 6.73
26
25.5
25
24.5
24
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

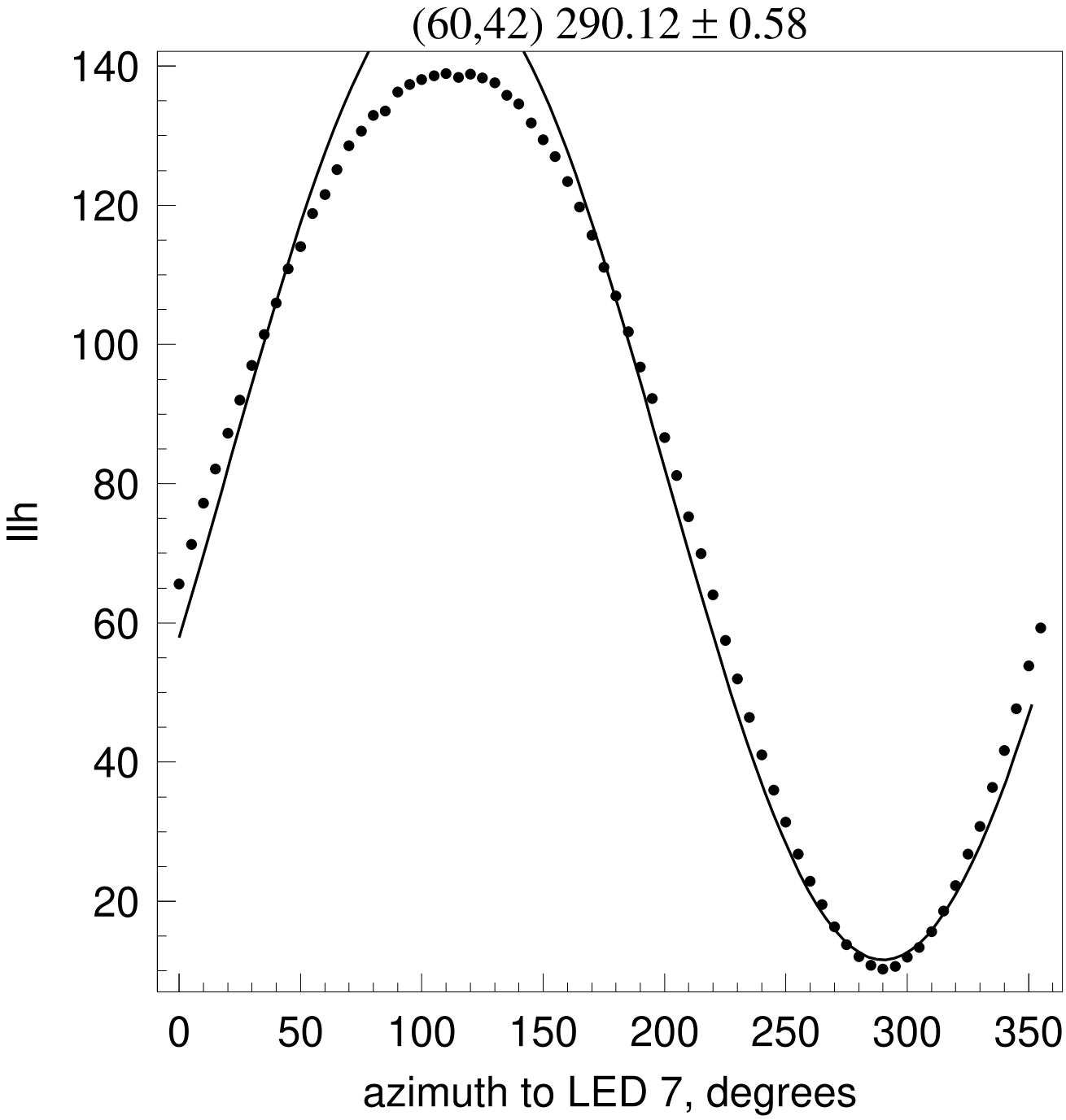

(60,37) 7.05 ± 0.75
llh
29
28
27
26
25
24
23
22
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

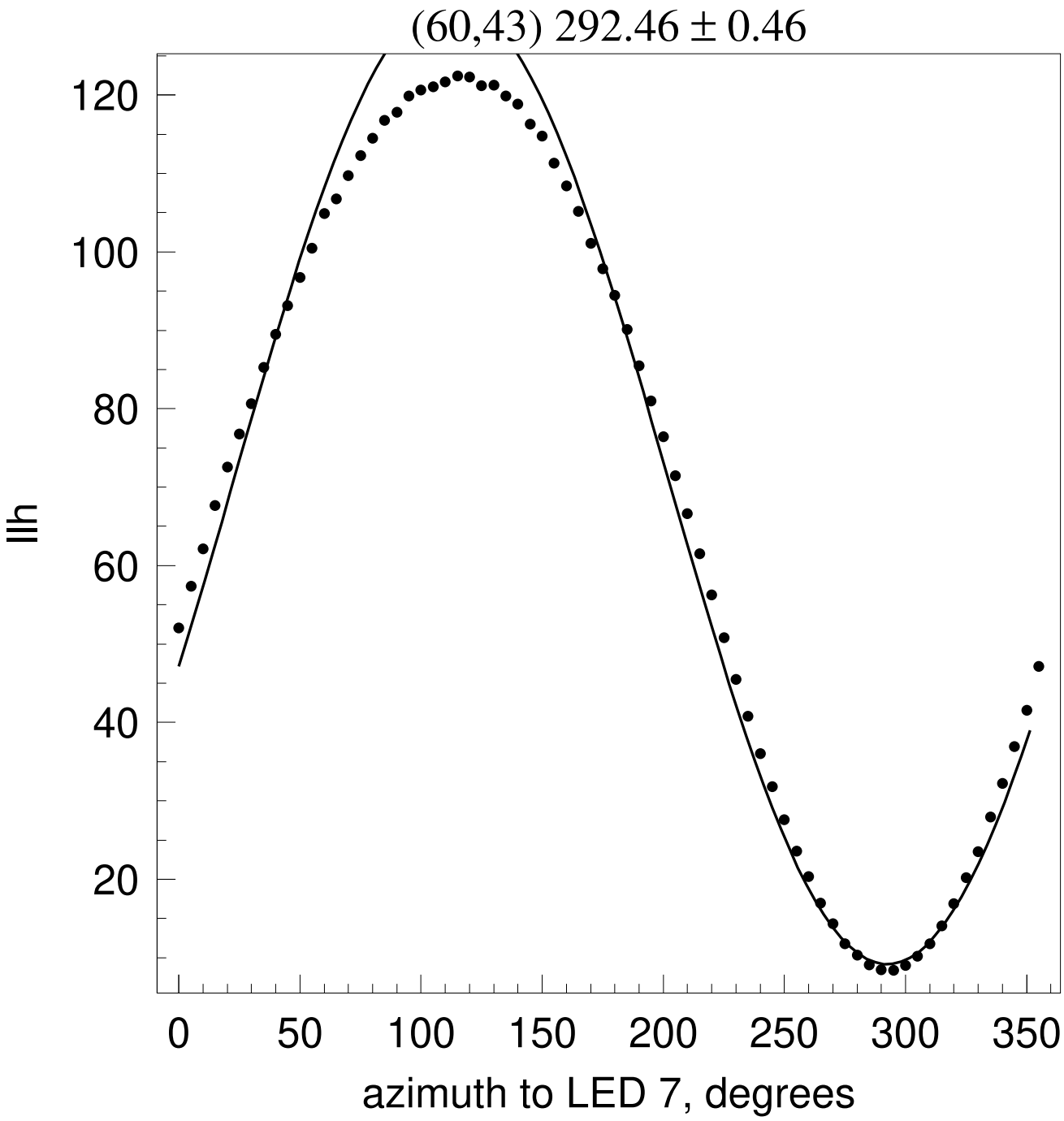

(60,38) 253.56 ± 0.29
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

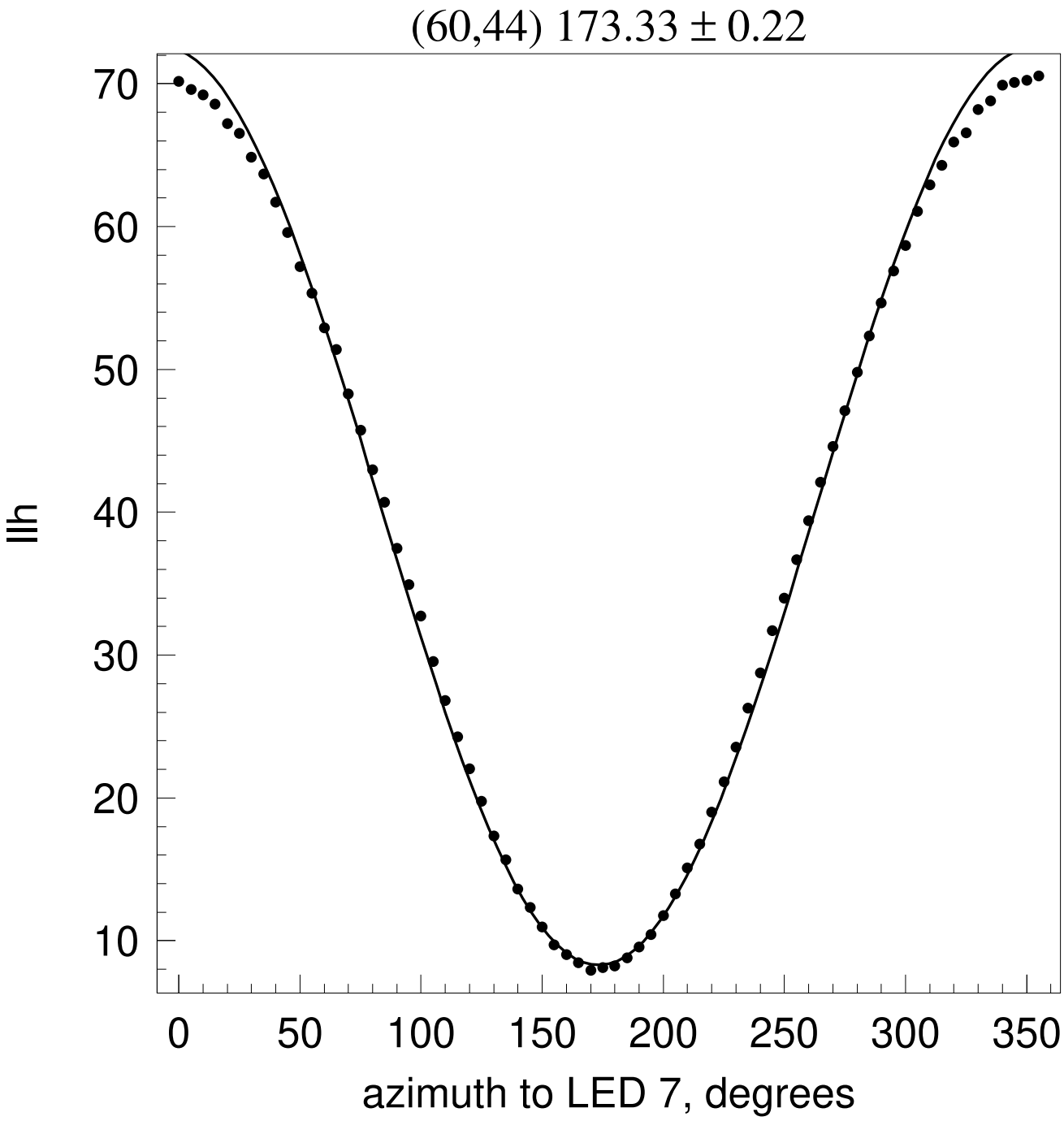

(60,39) 224.47 ± 0.42
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

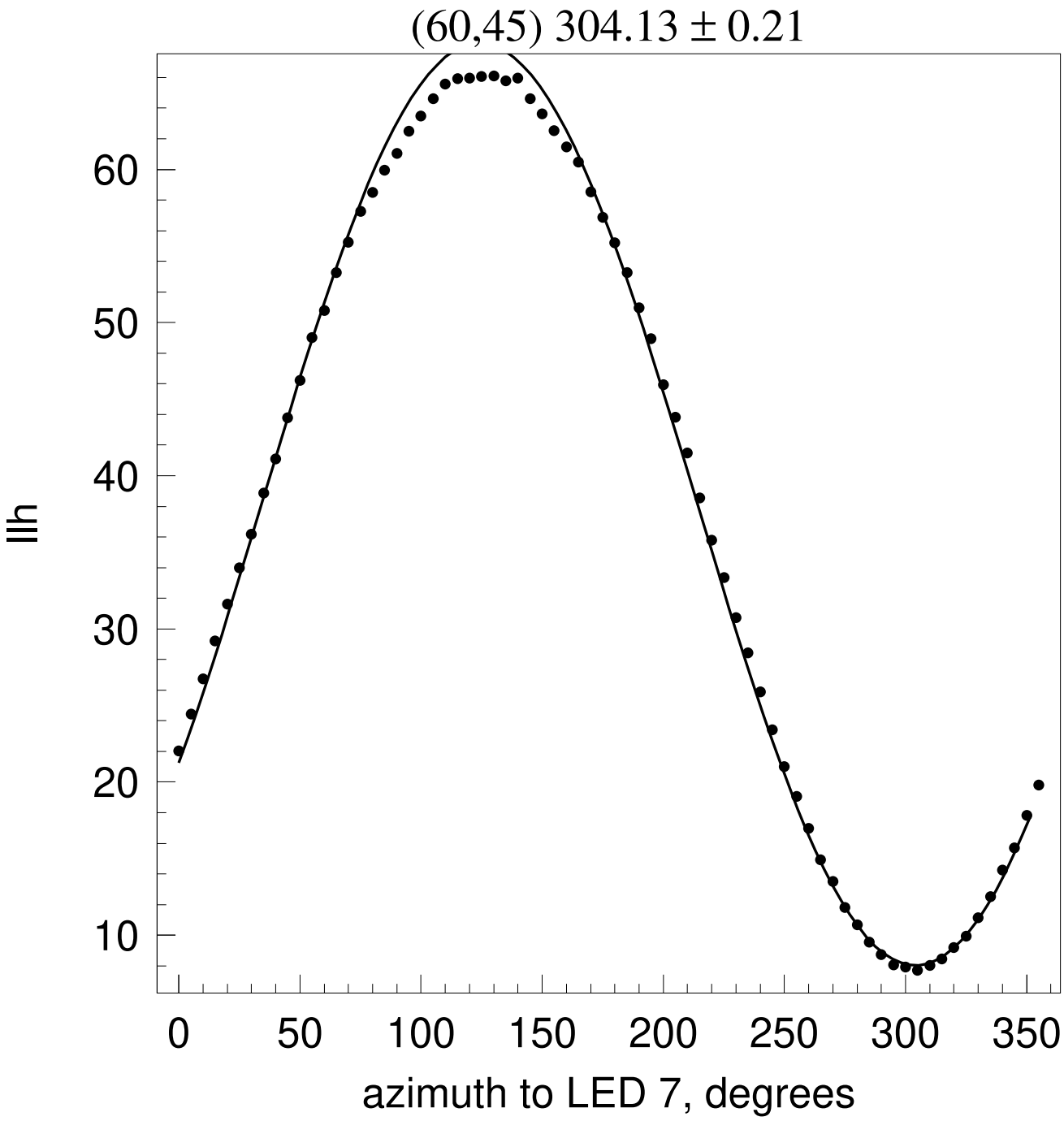

(60,40) 165.62 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

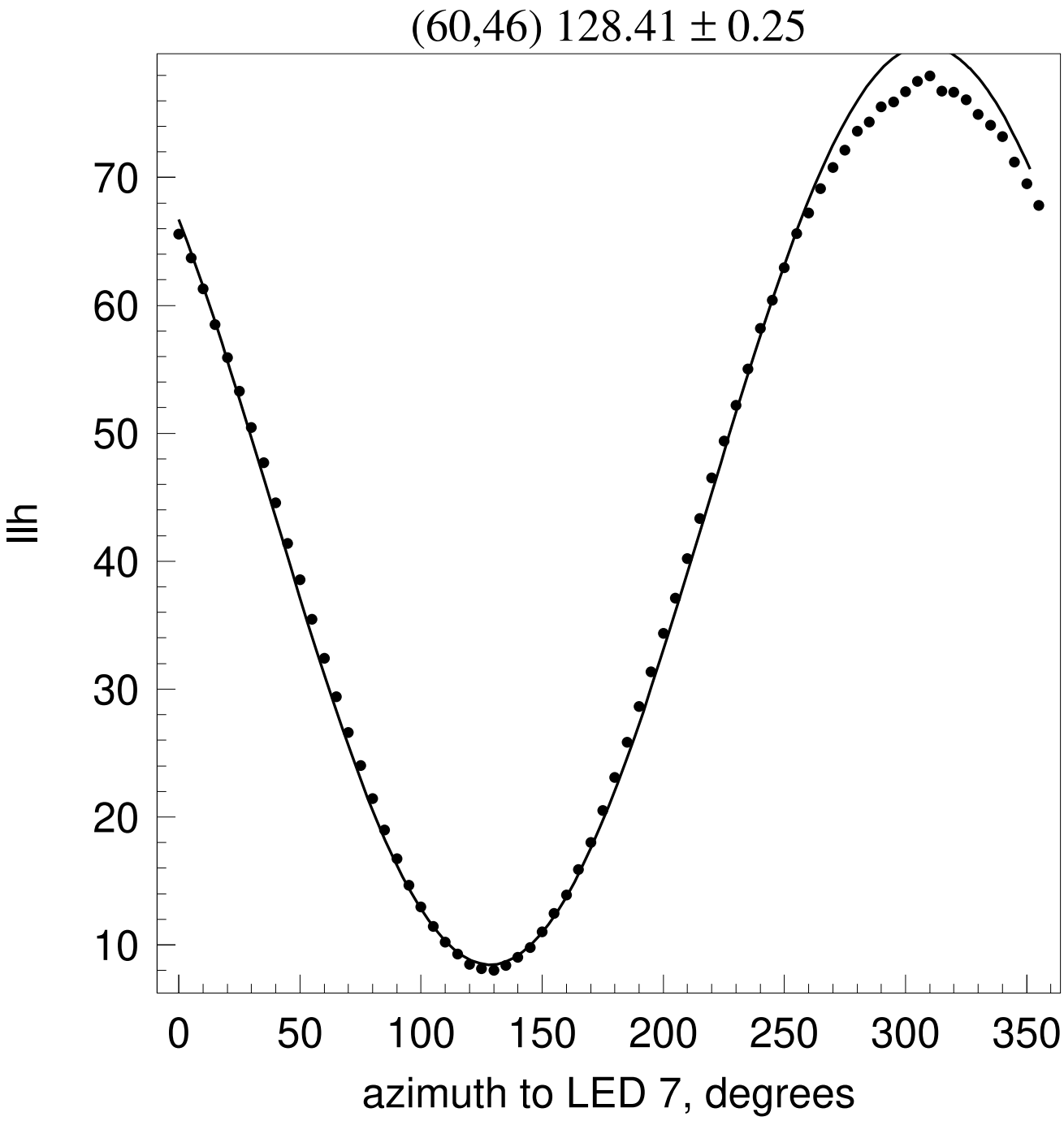

(60,41) 2.17 ± 0.26
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

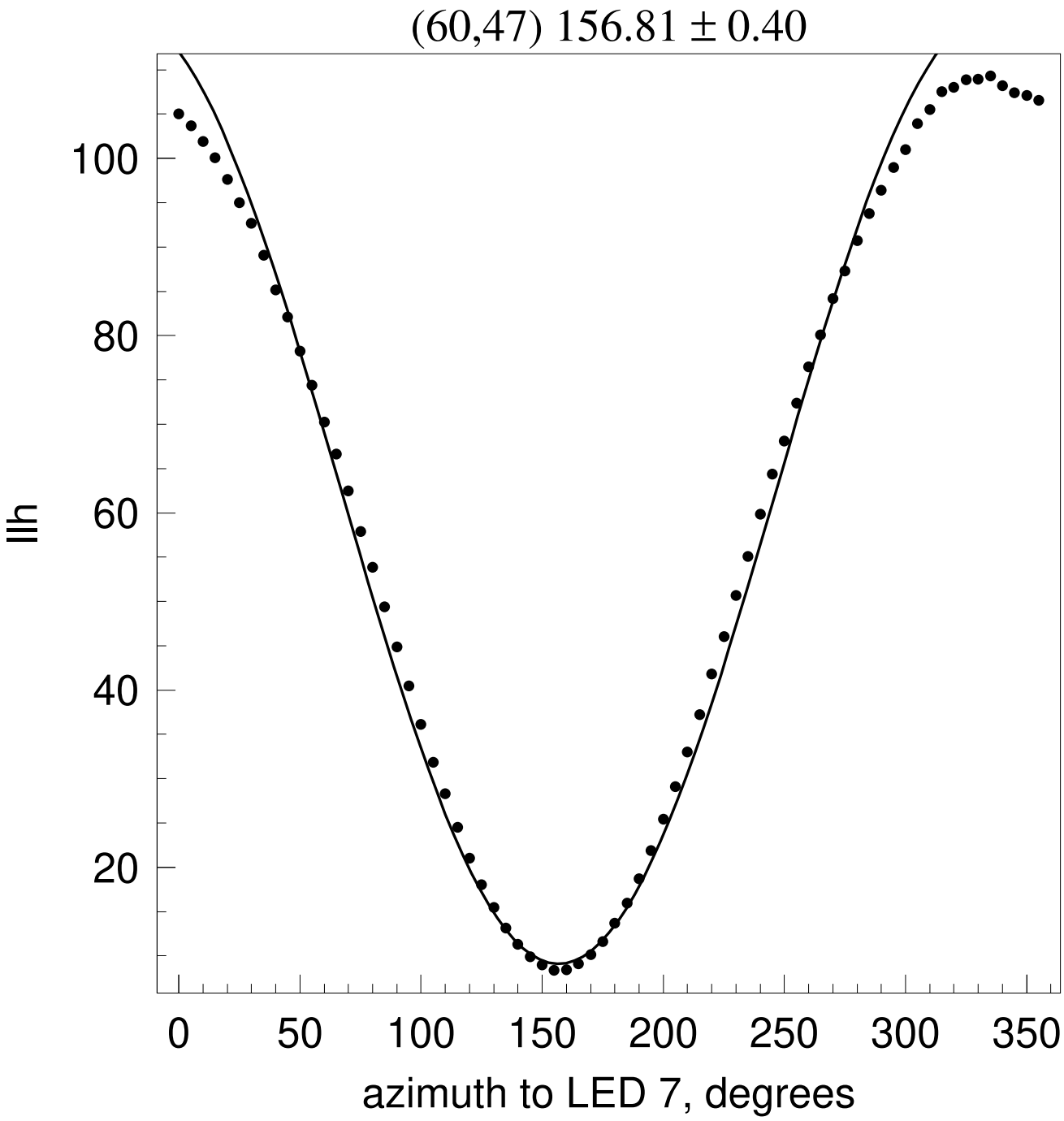

(60,42) 290.12 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

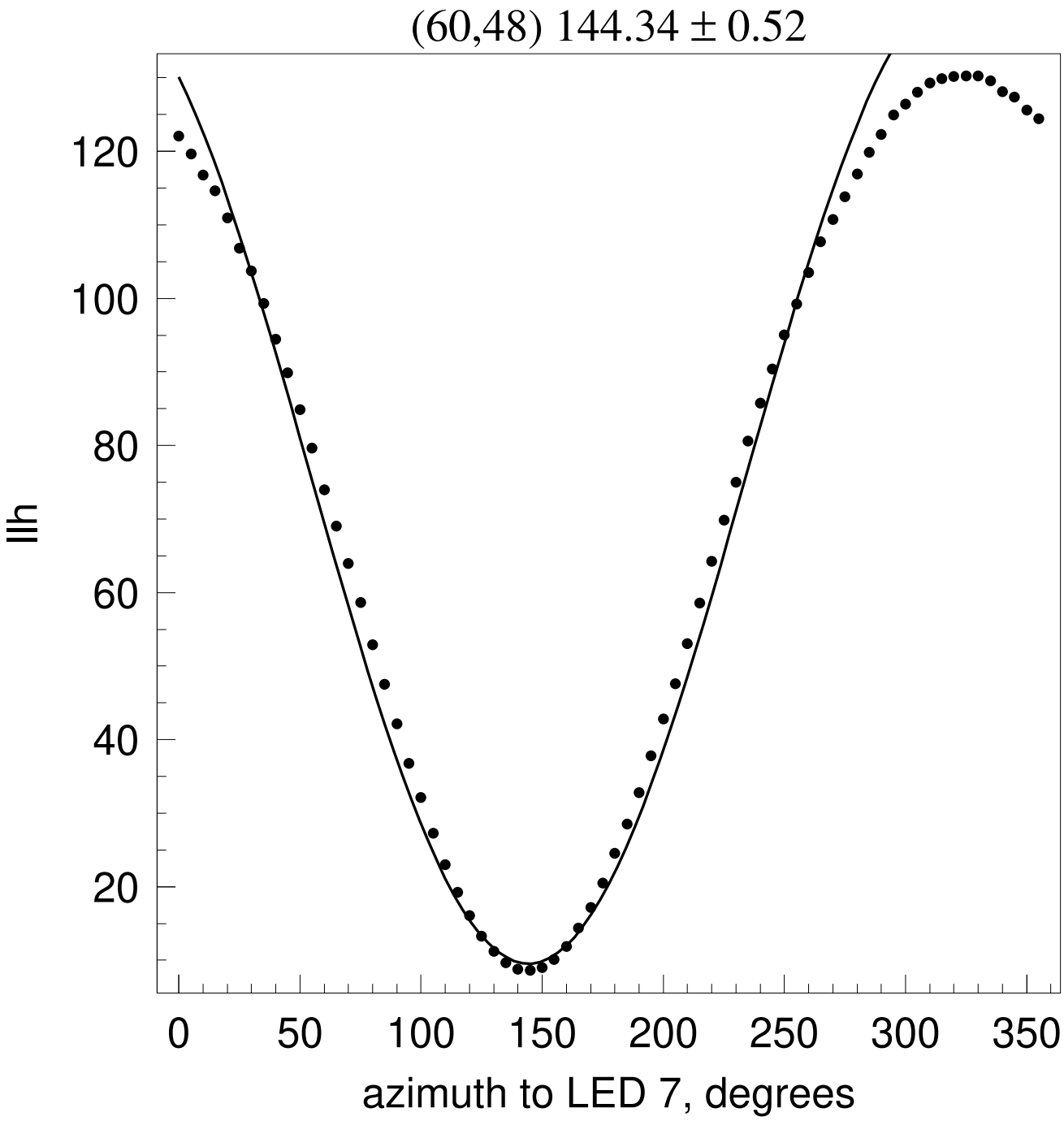

(60,43) 292.46 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

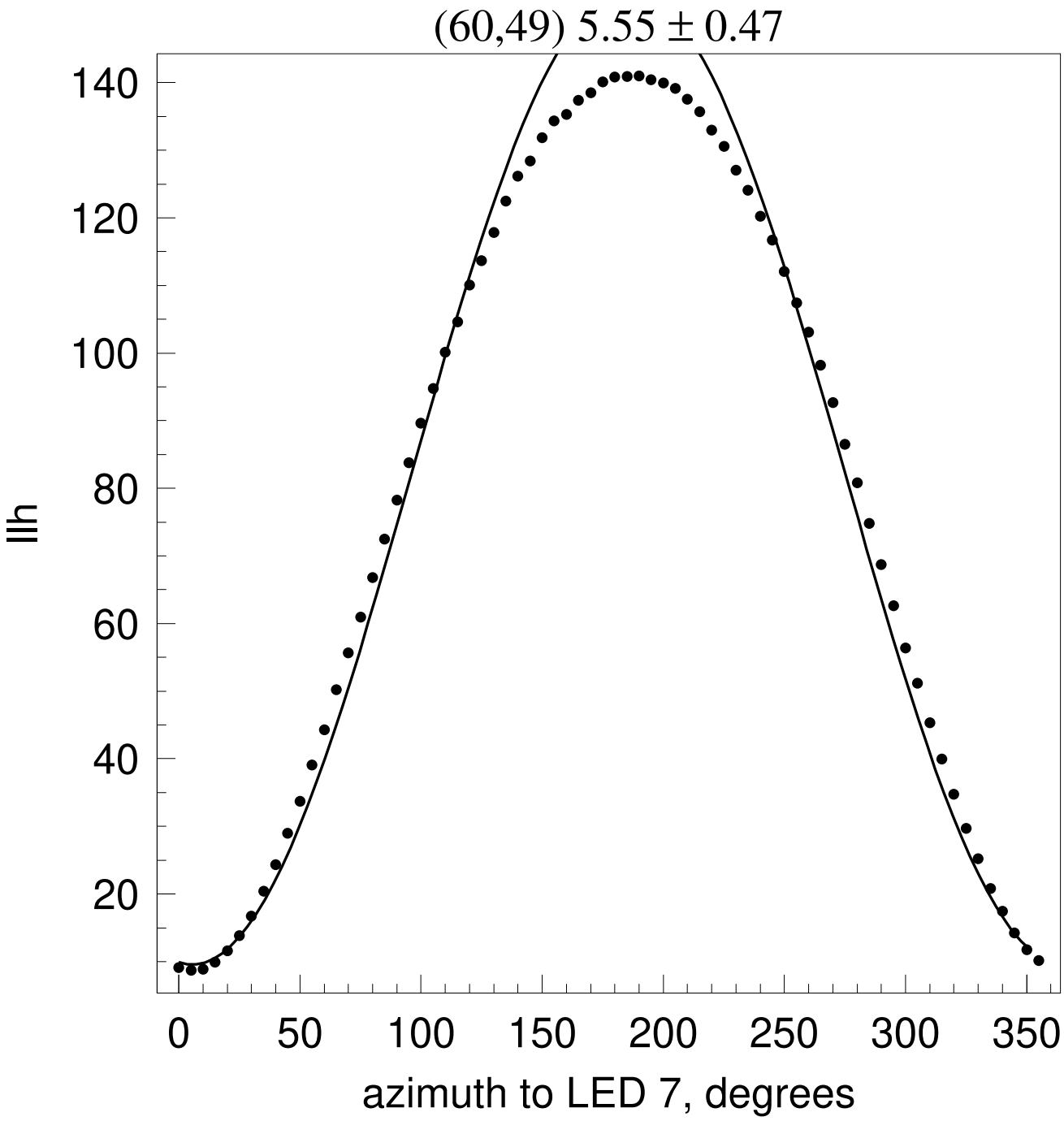

(60,44) 173.33 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

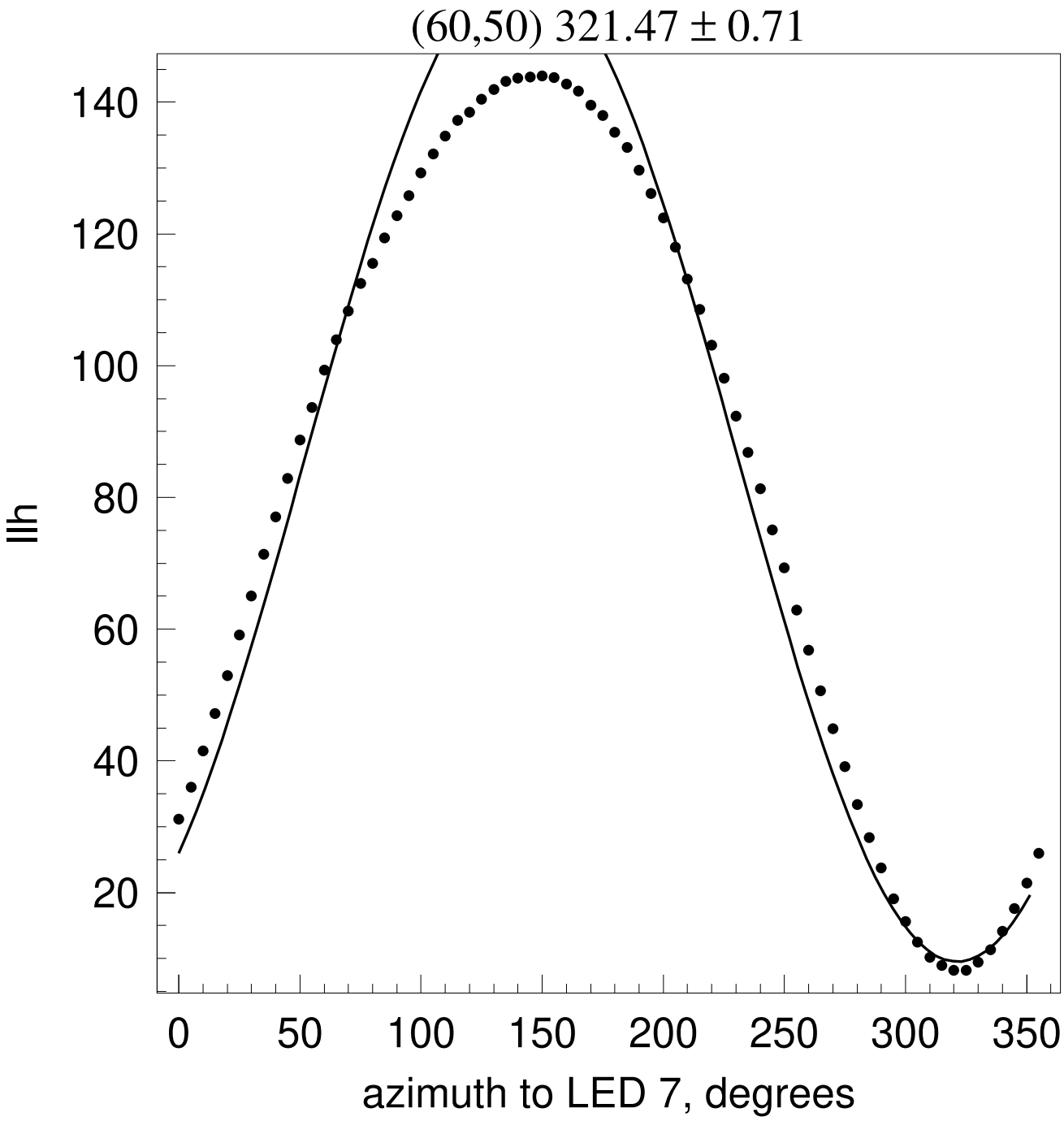

(60,45) 304.13 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

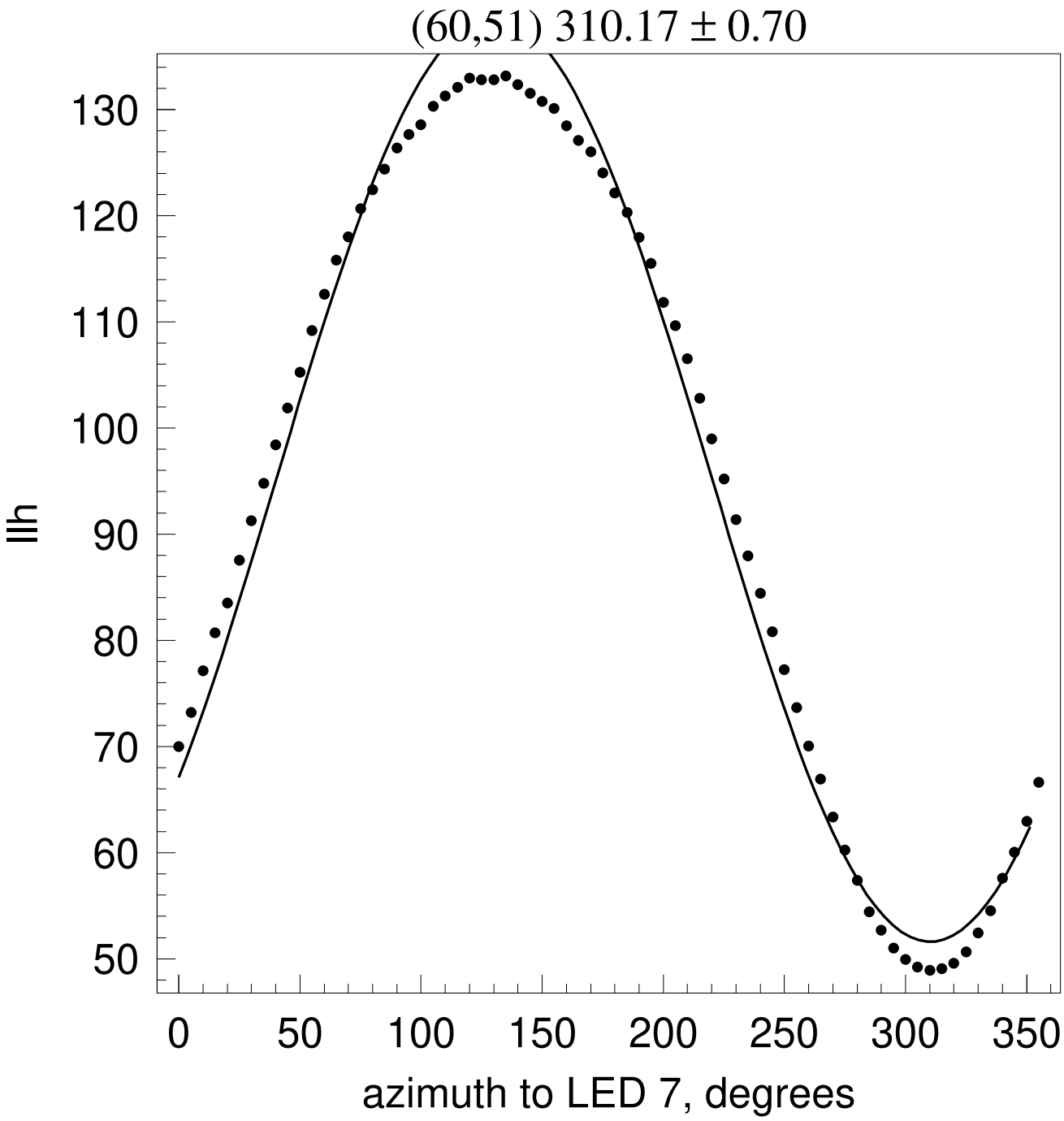

(60,46) 128.41 ± 0.25
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

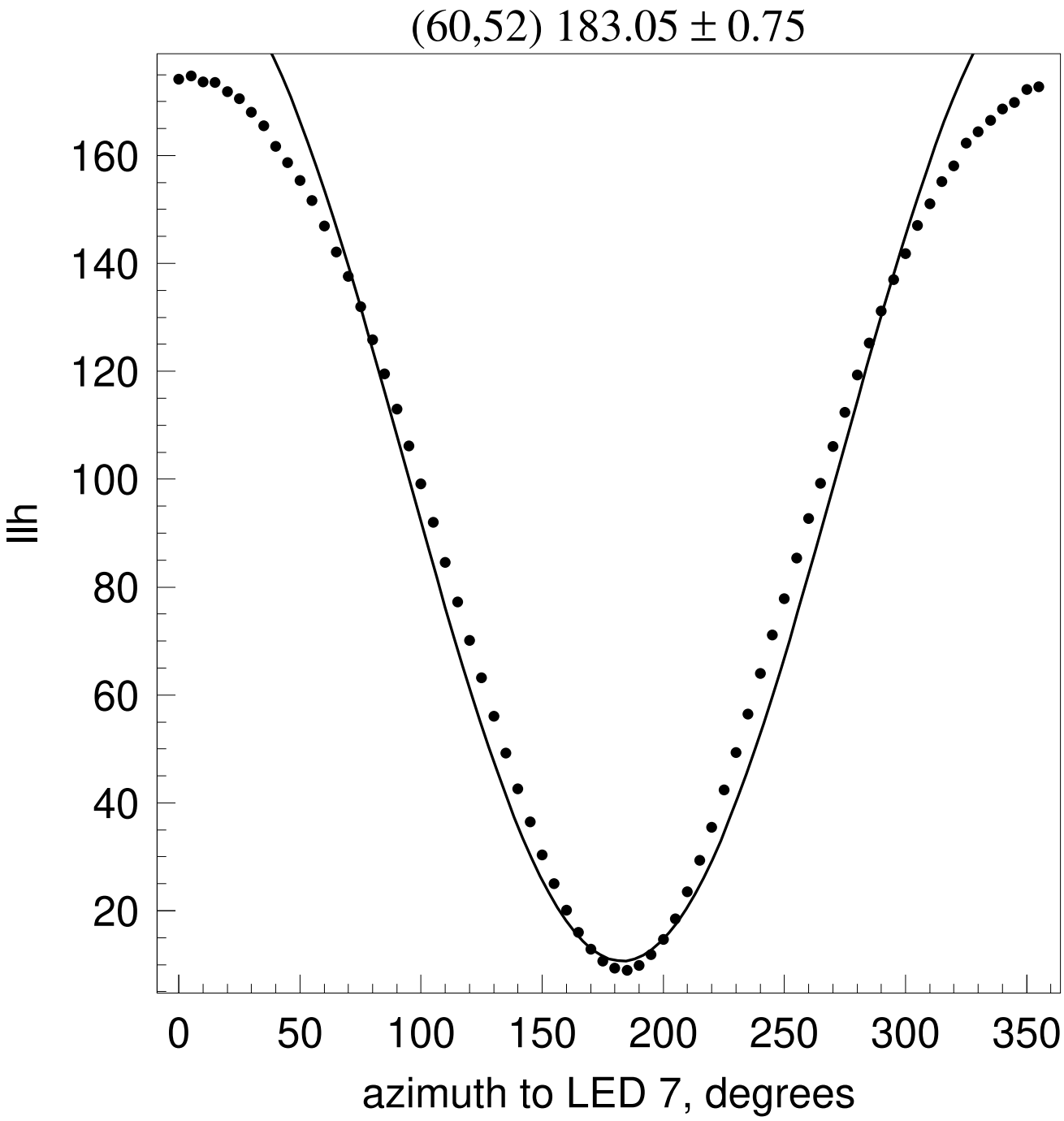

(60,47) 156.81 ± 0.40
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

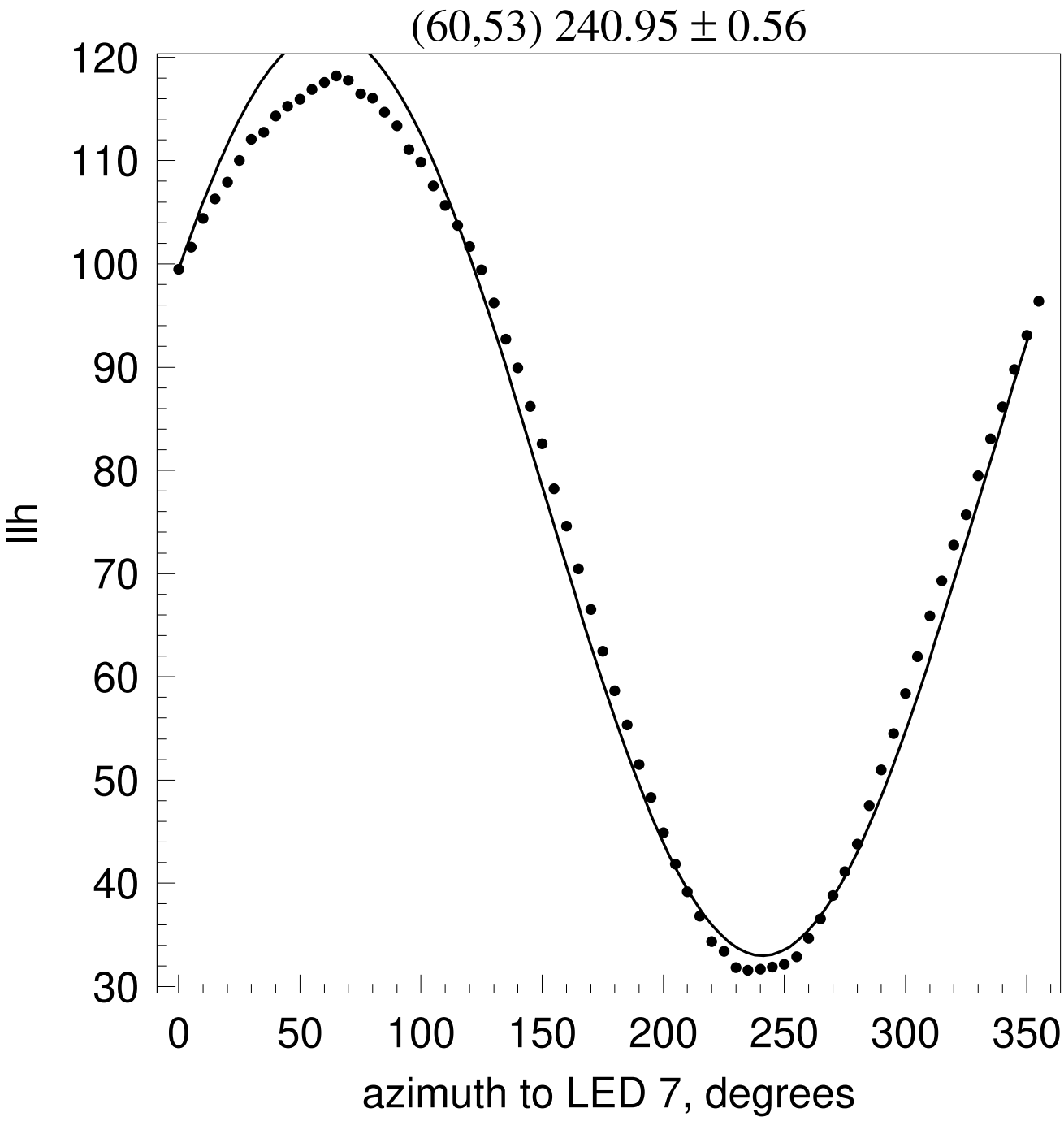

(60,48) 144.34 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

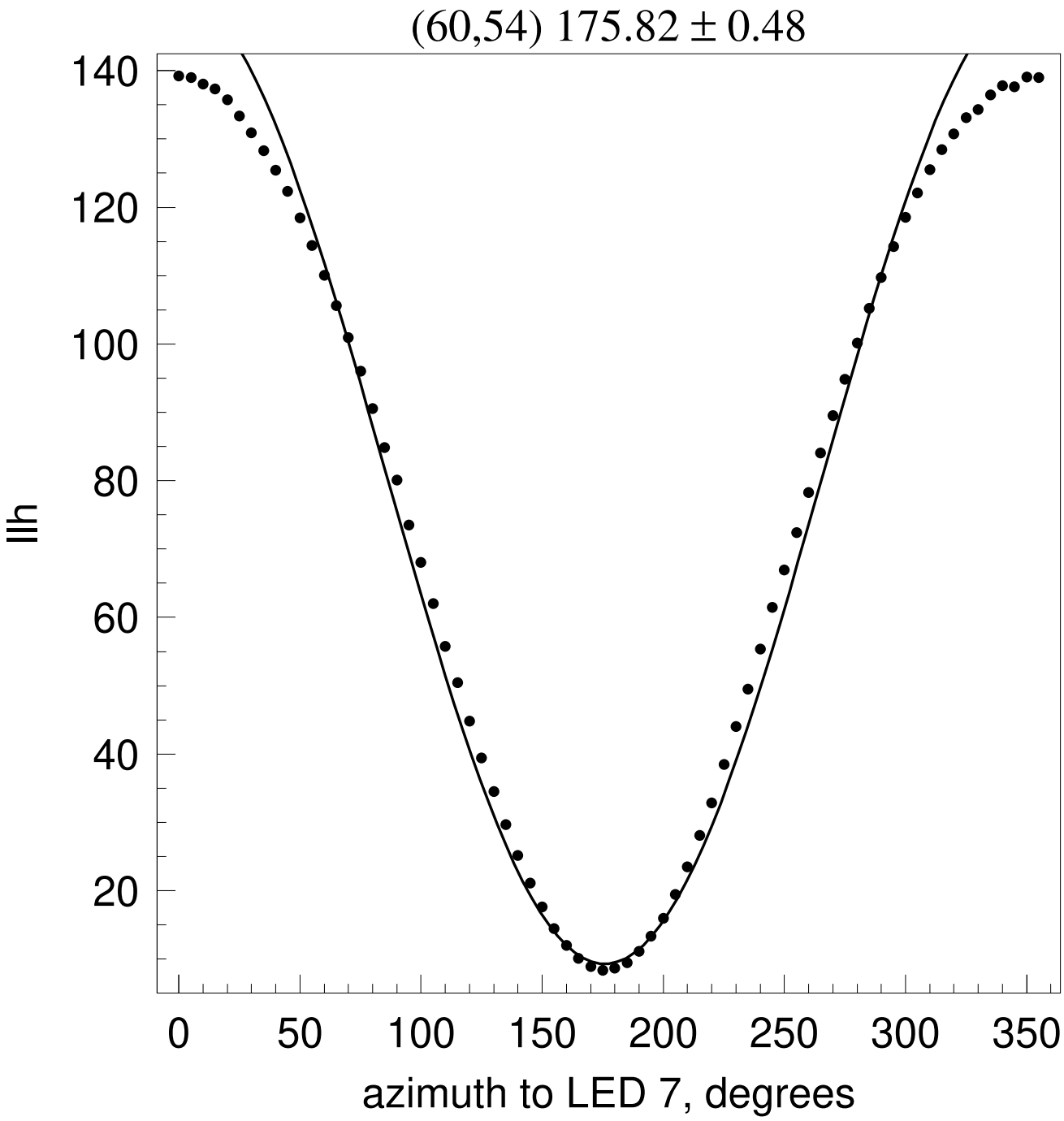

(60,49) 5.55 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

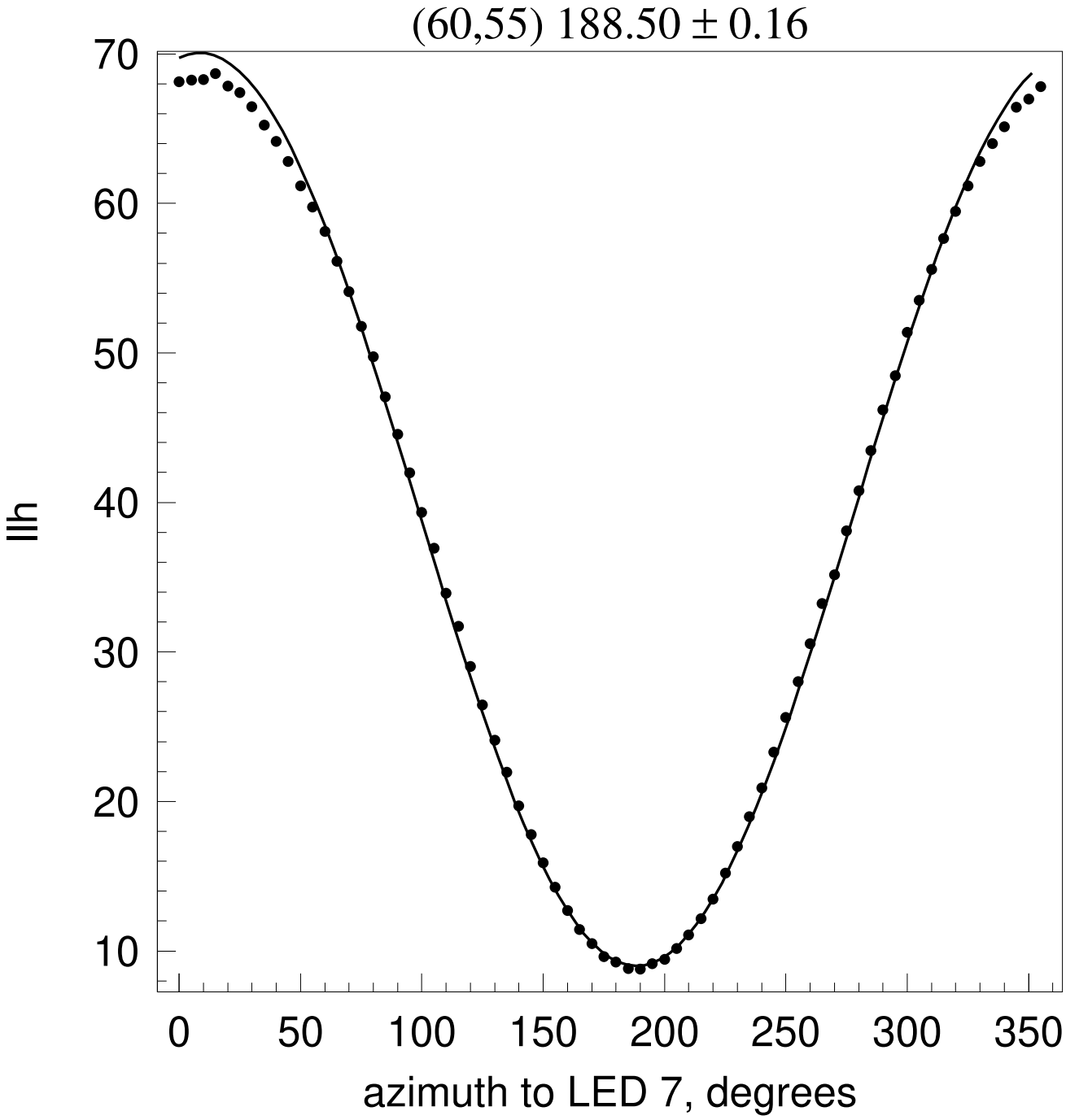

(60,50) 321.47 ± 0.71
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

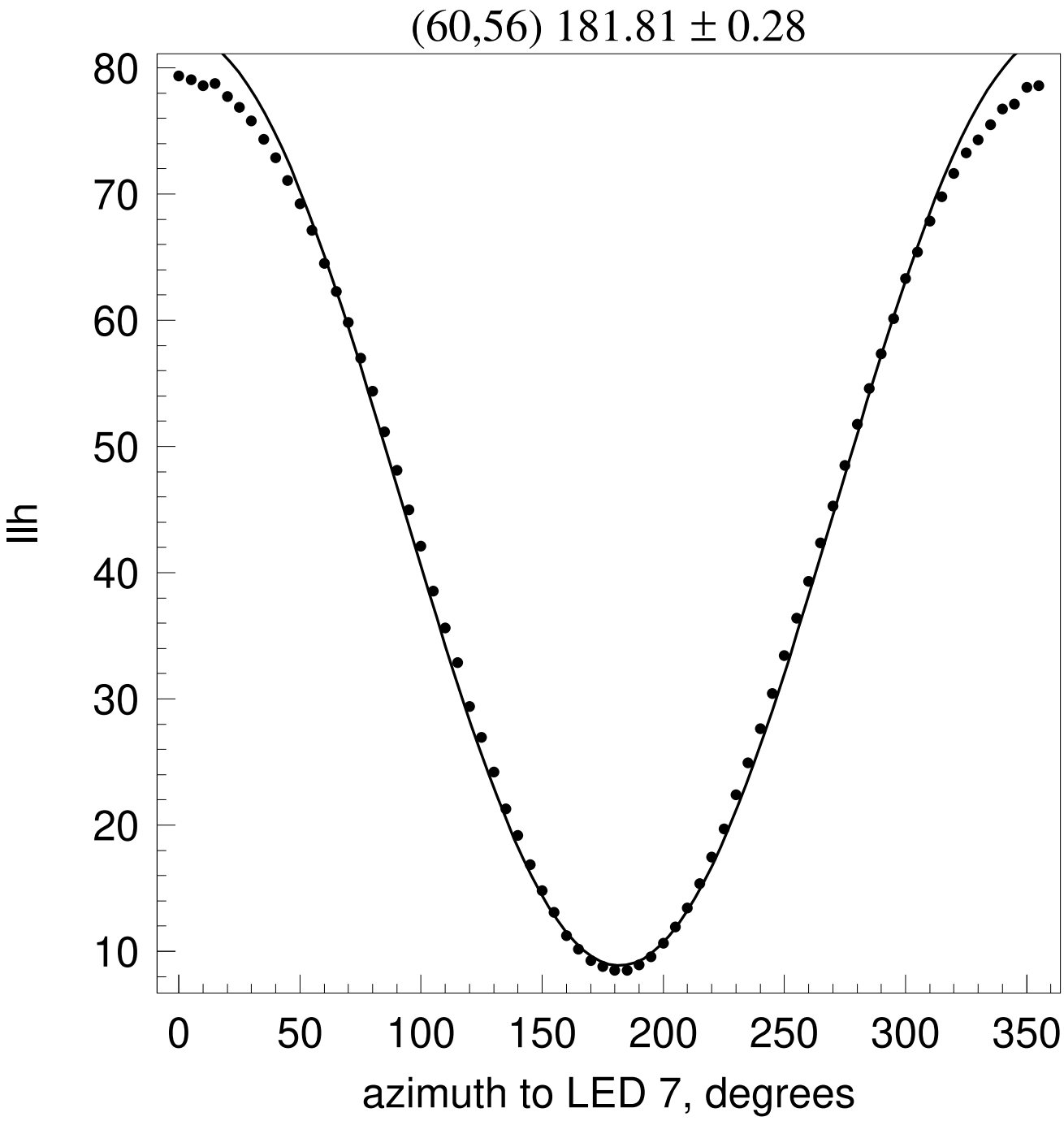

(60,51) 310.17 ± 0.70
130
120
110
100
90
80
70
60
50
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

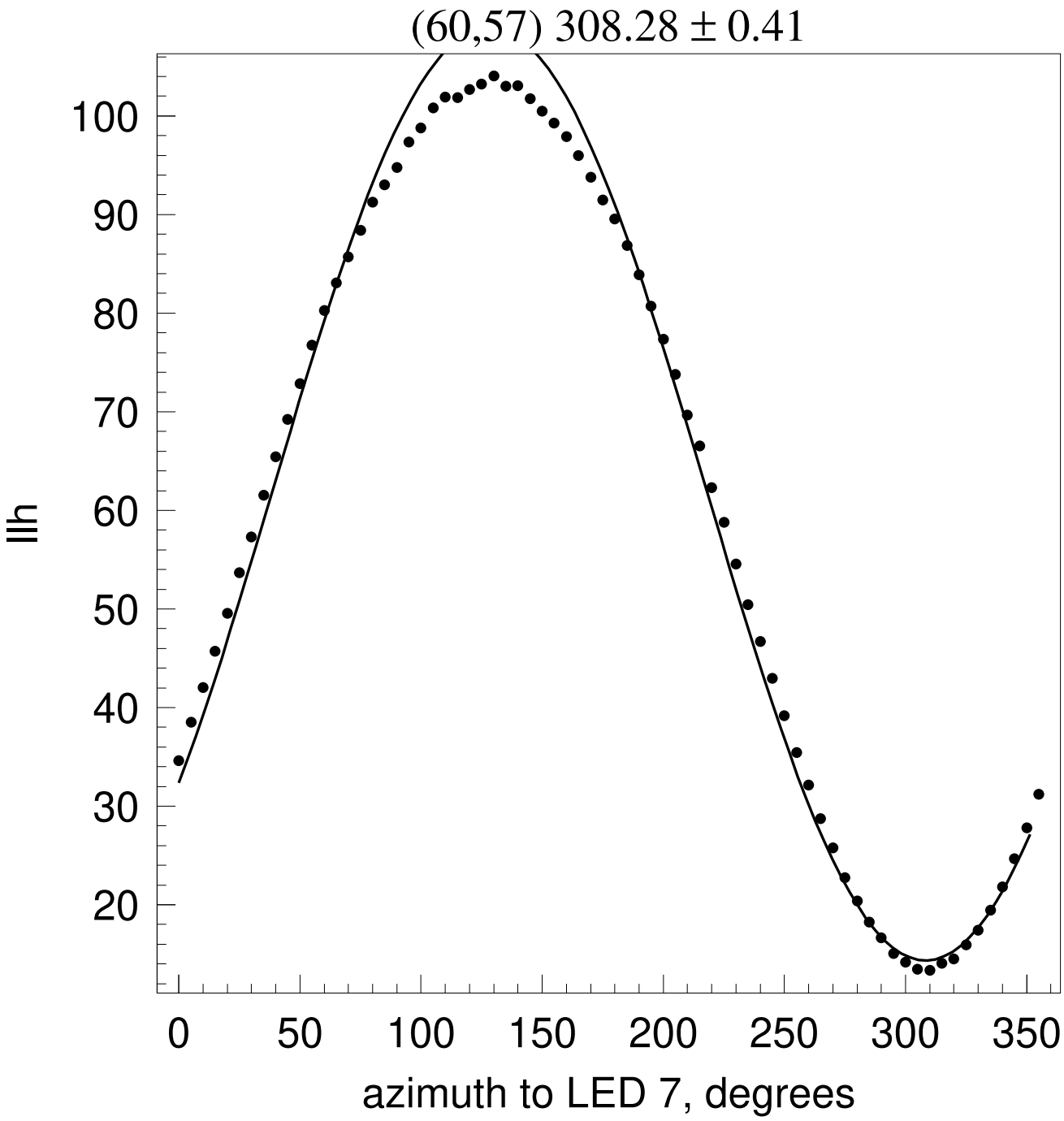

(60,52) 183.05 ± 0.75
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

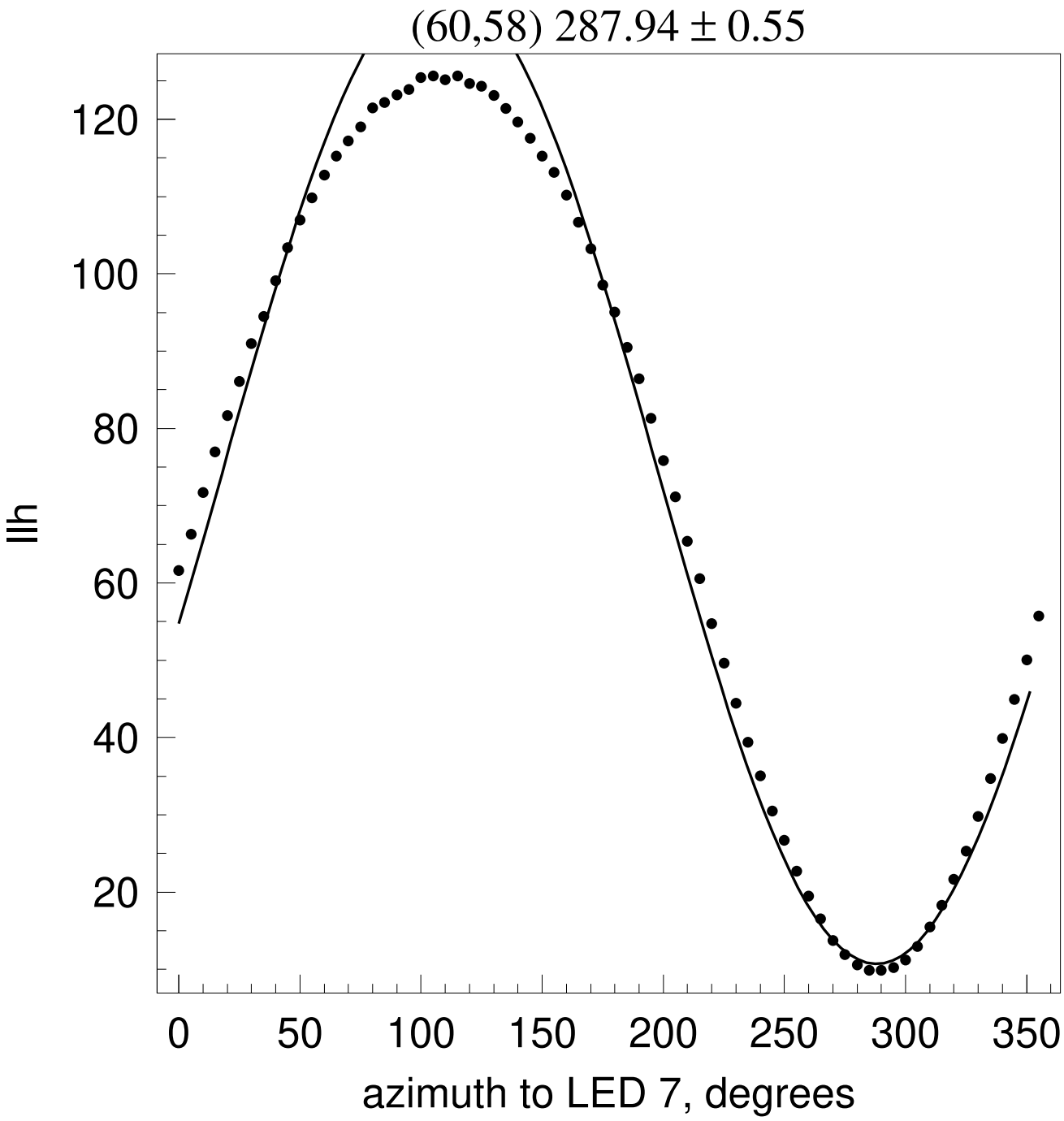

(60,53) 240.95 ± 0.56
120
110
100
90
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

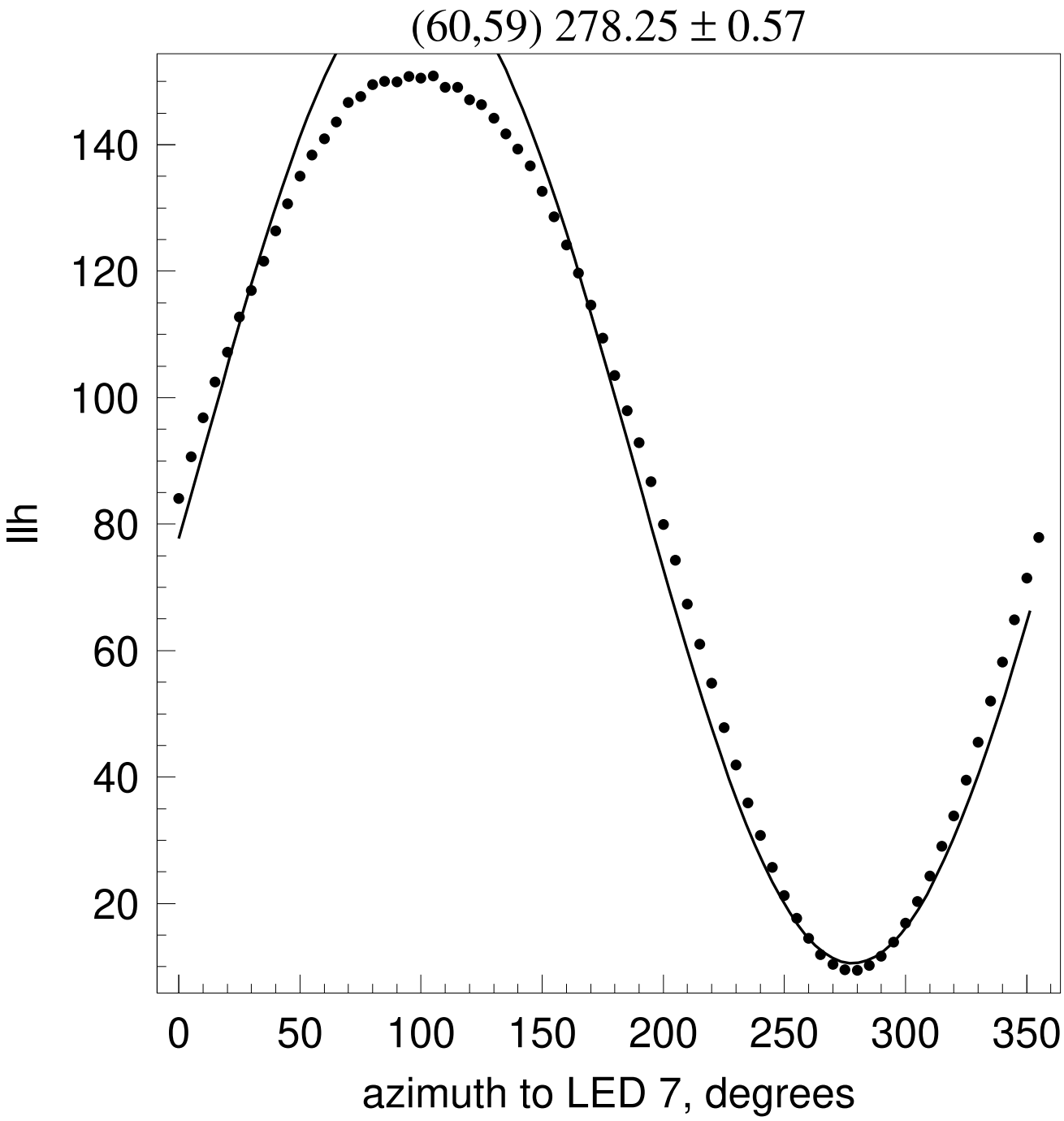

(60,54) 175.82 ± 0.48
140
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

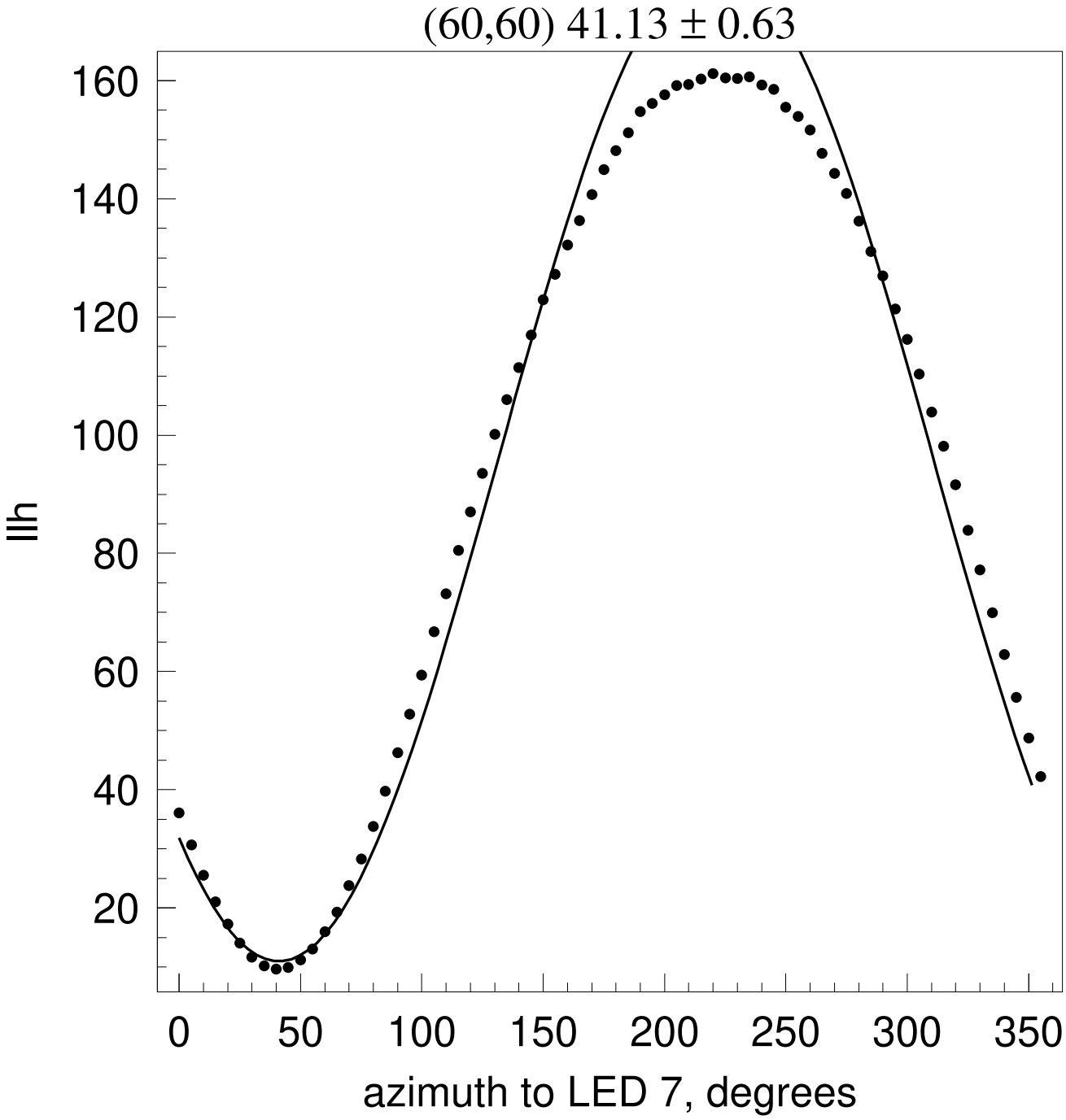

(60,55) 188.50 ± 0.16
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

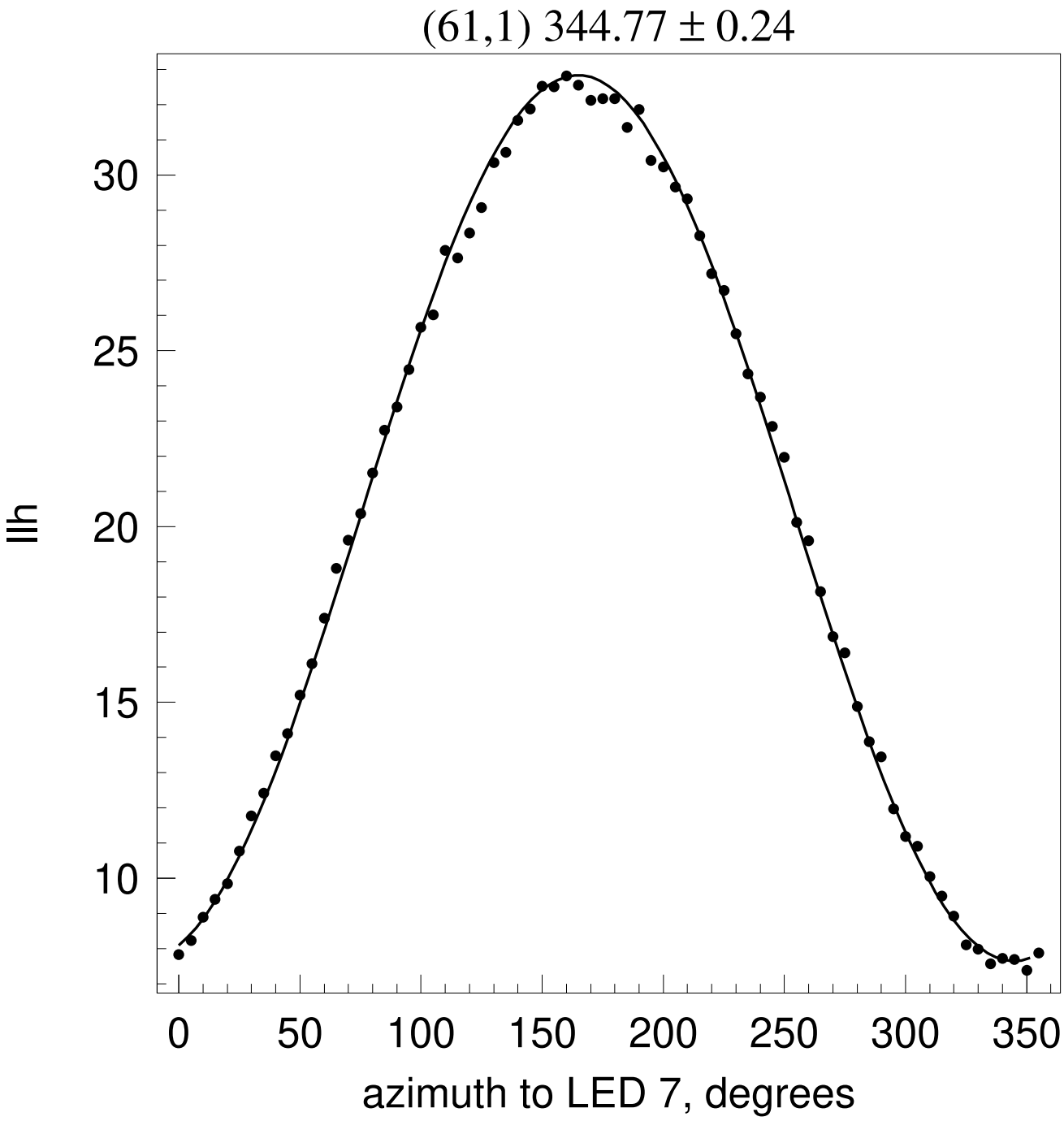

(60,56) 181.81 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

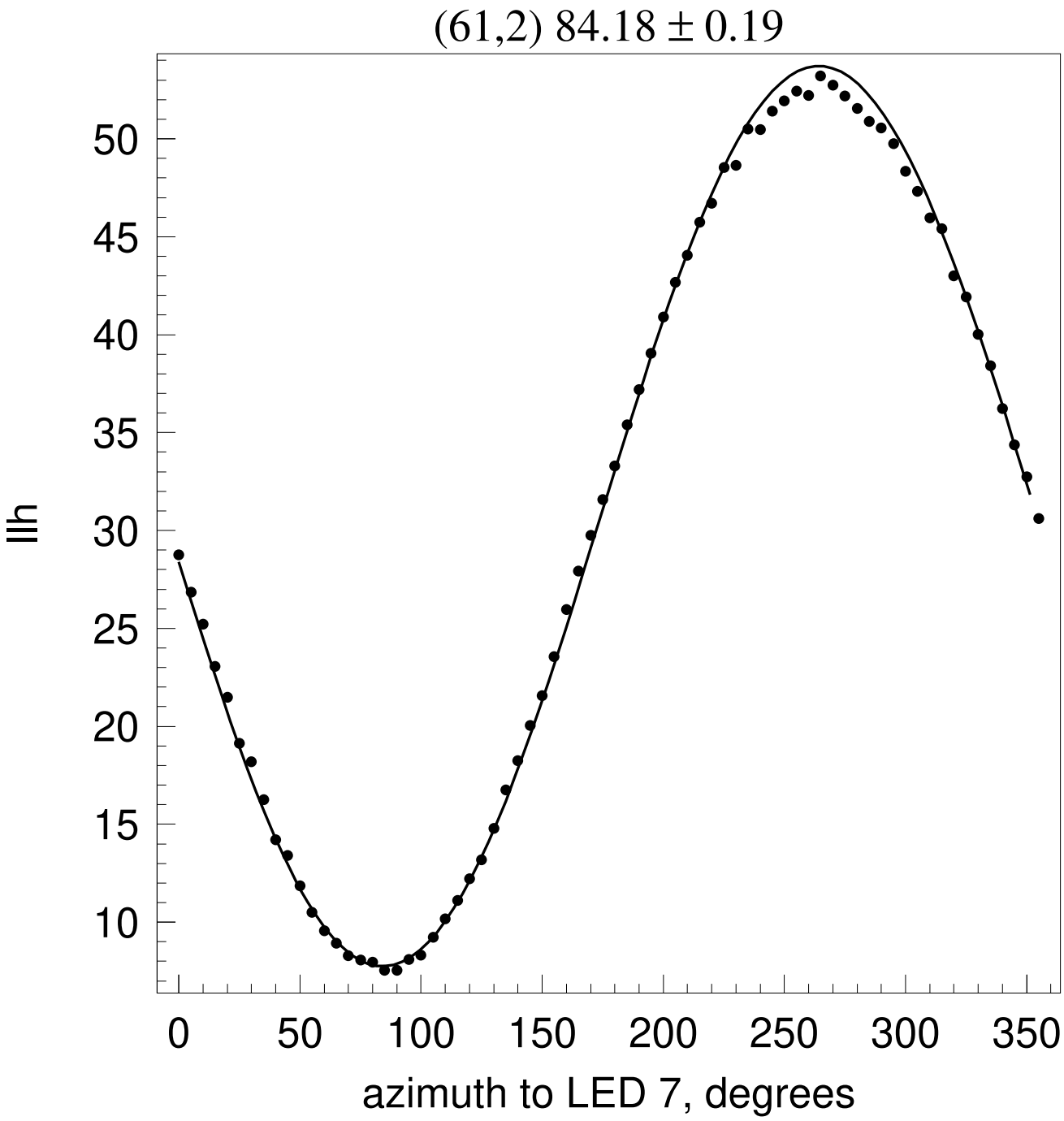

(60,57) 308.28 ± 0.41
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

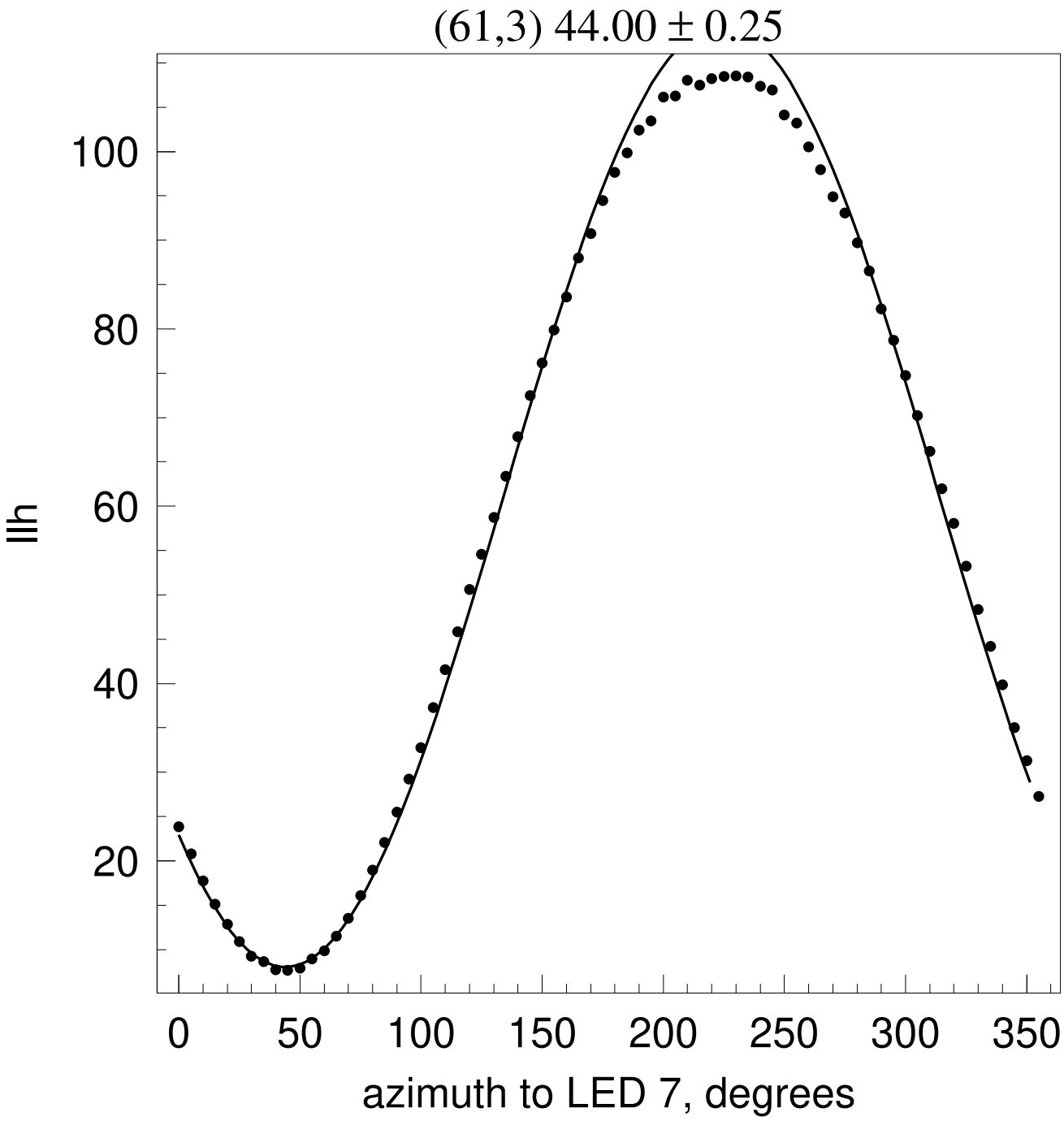

(60,58) 287.94 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

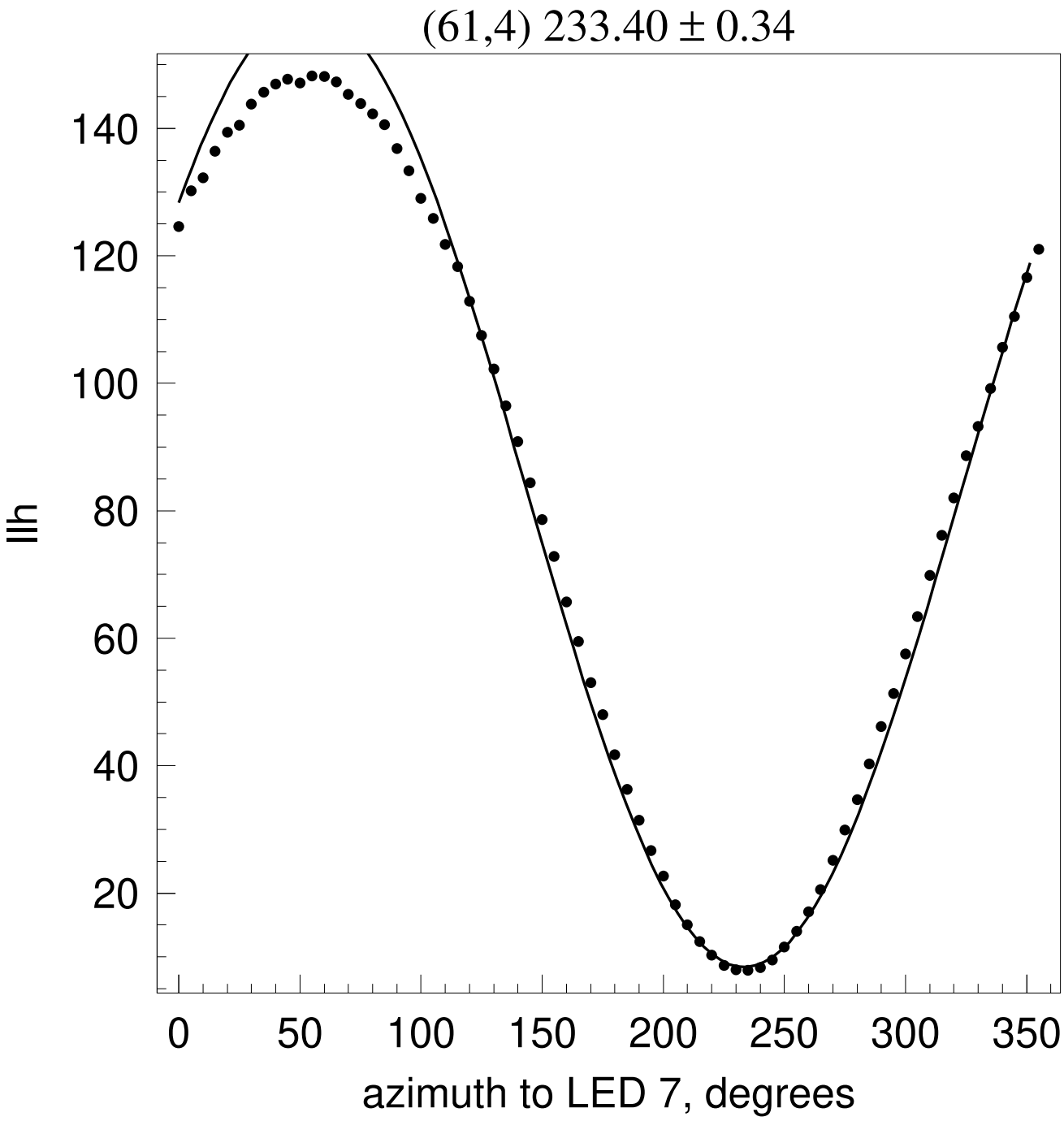

(60,59) 278.25 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

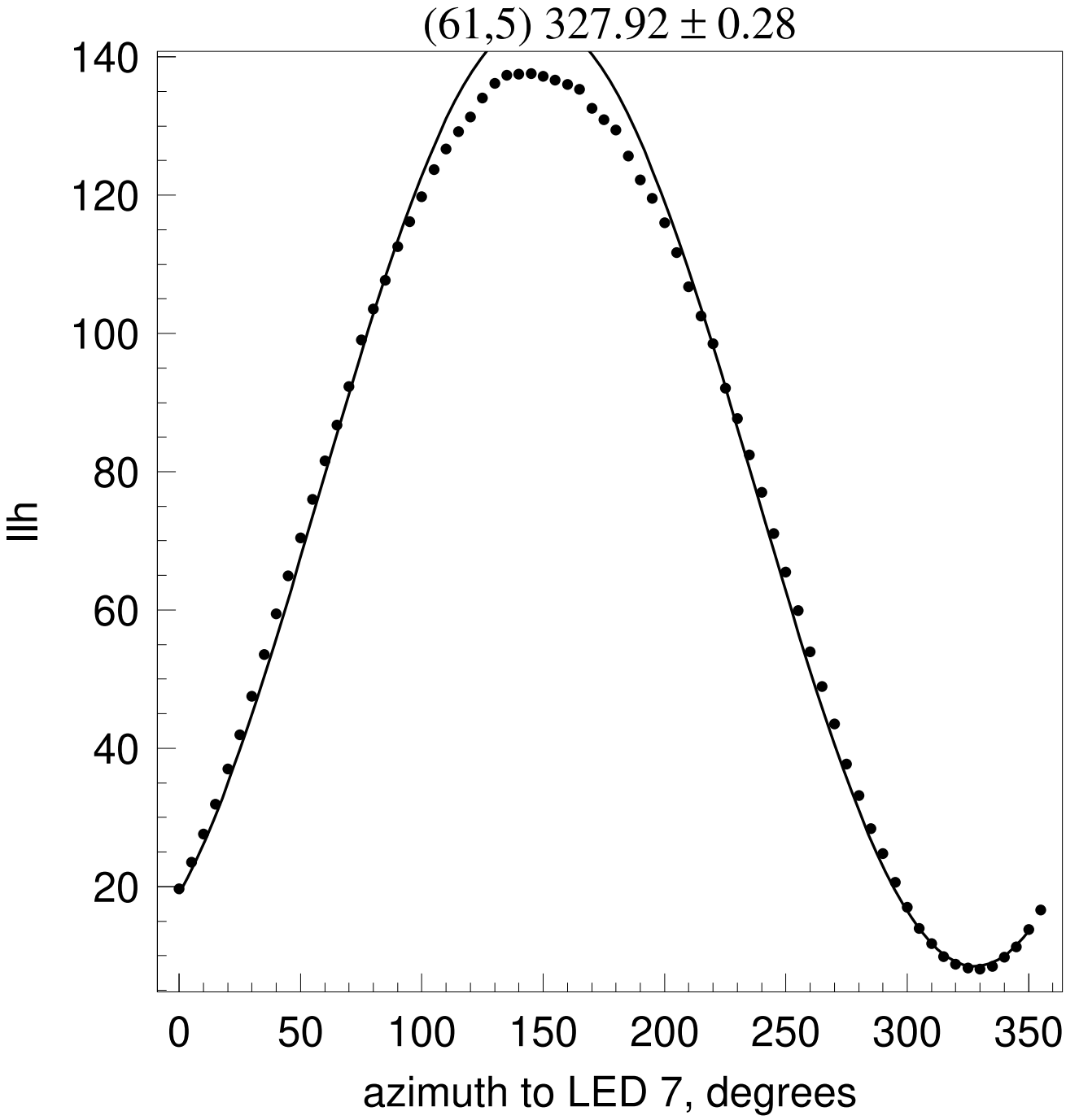

(60,60) 41.13 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

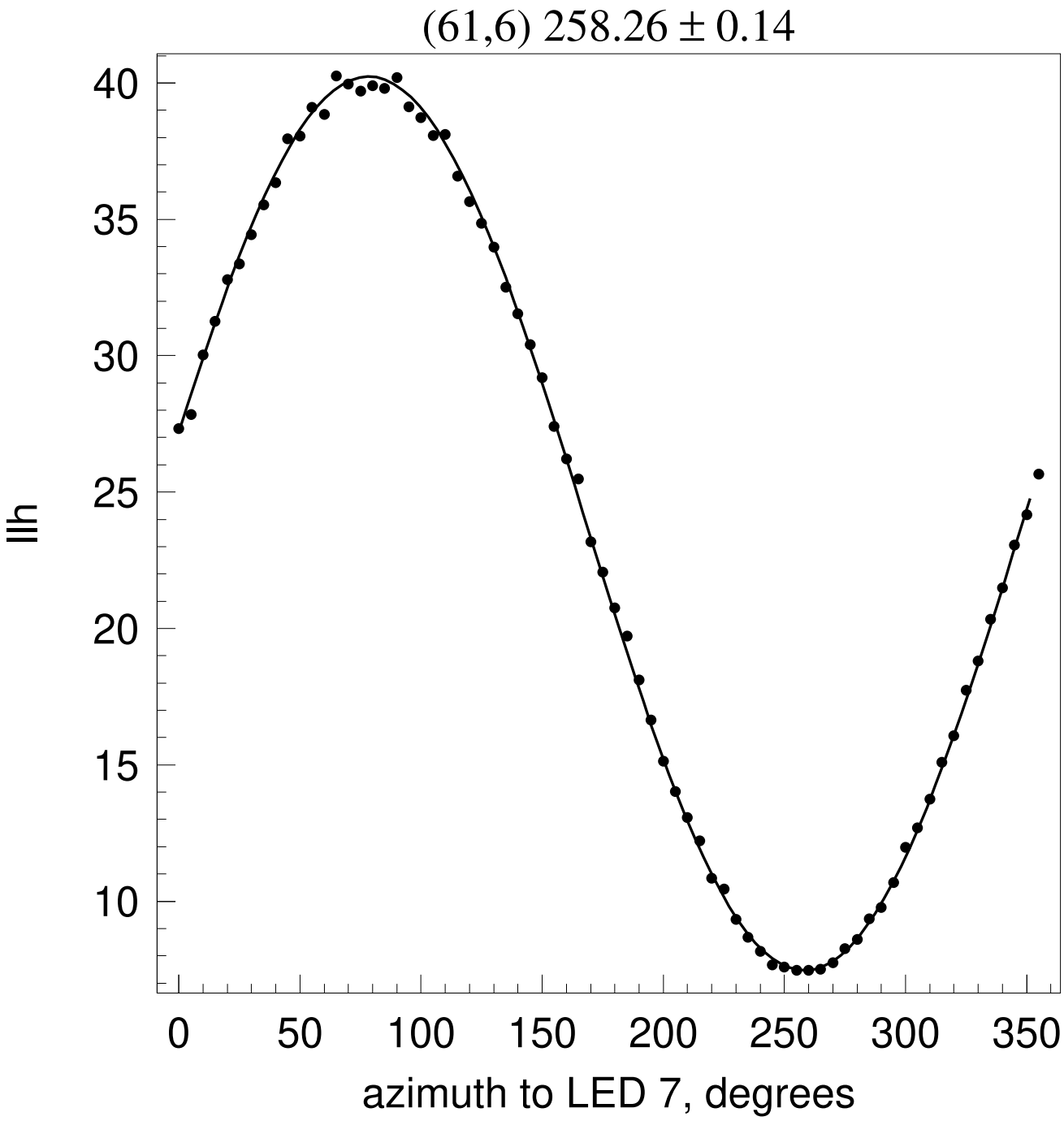

(61,1) 344.77 ± 0.24
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

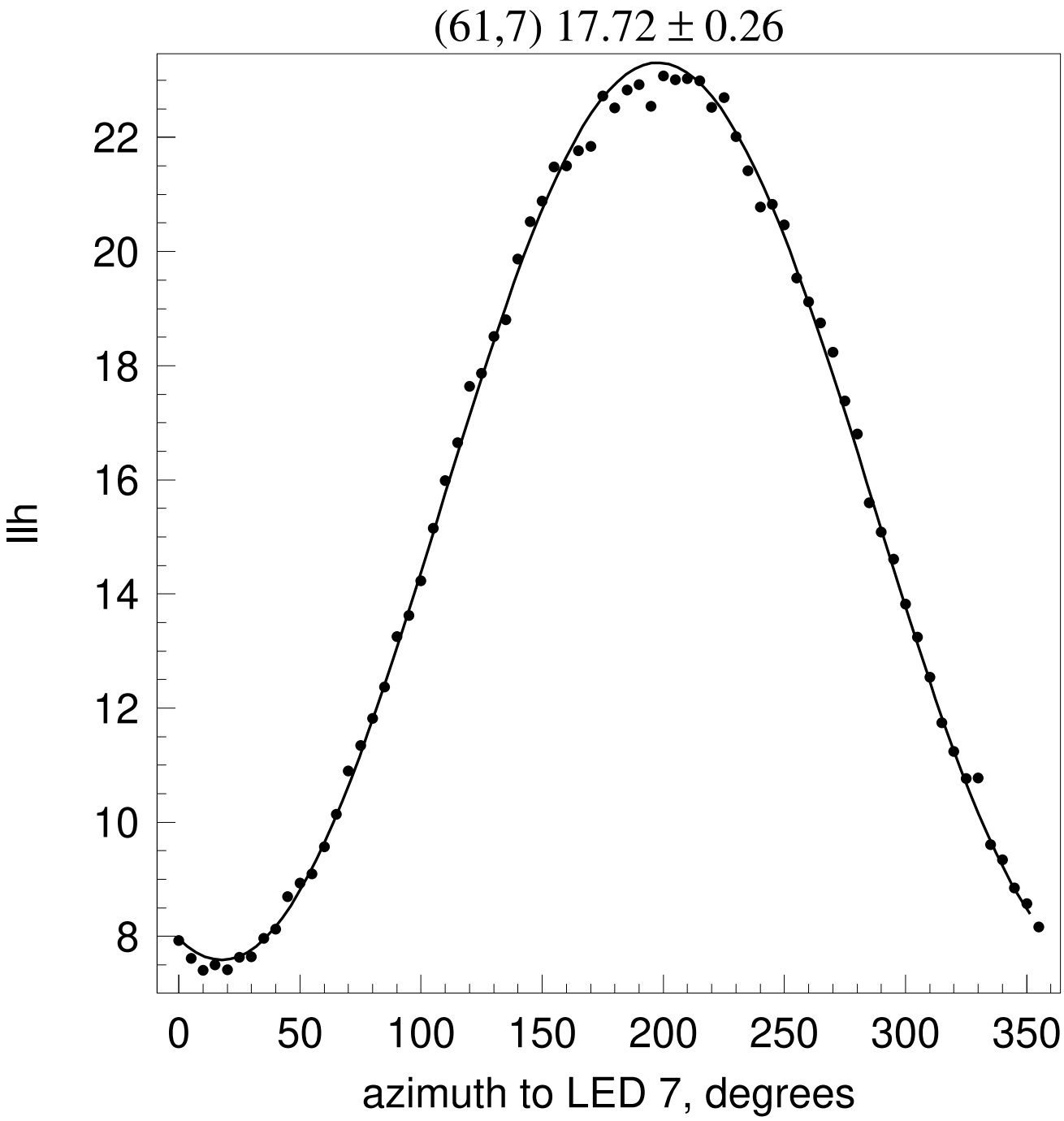

(61,2) 84.18 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

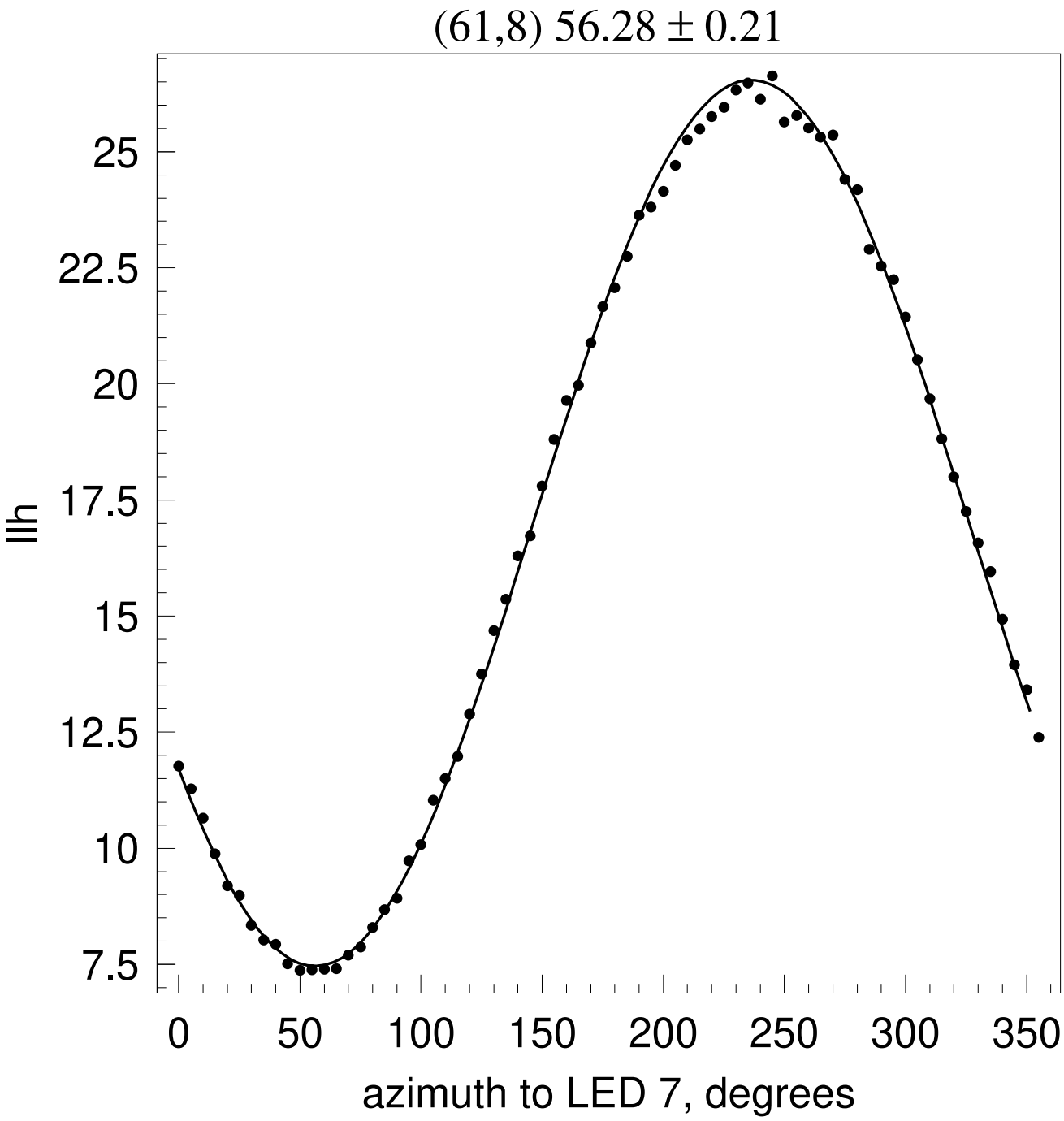

(61,3) 44.00 ± 0.25
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

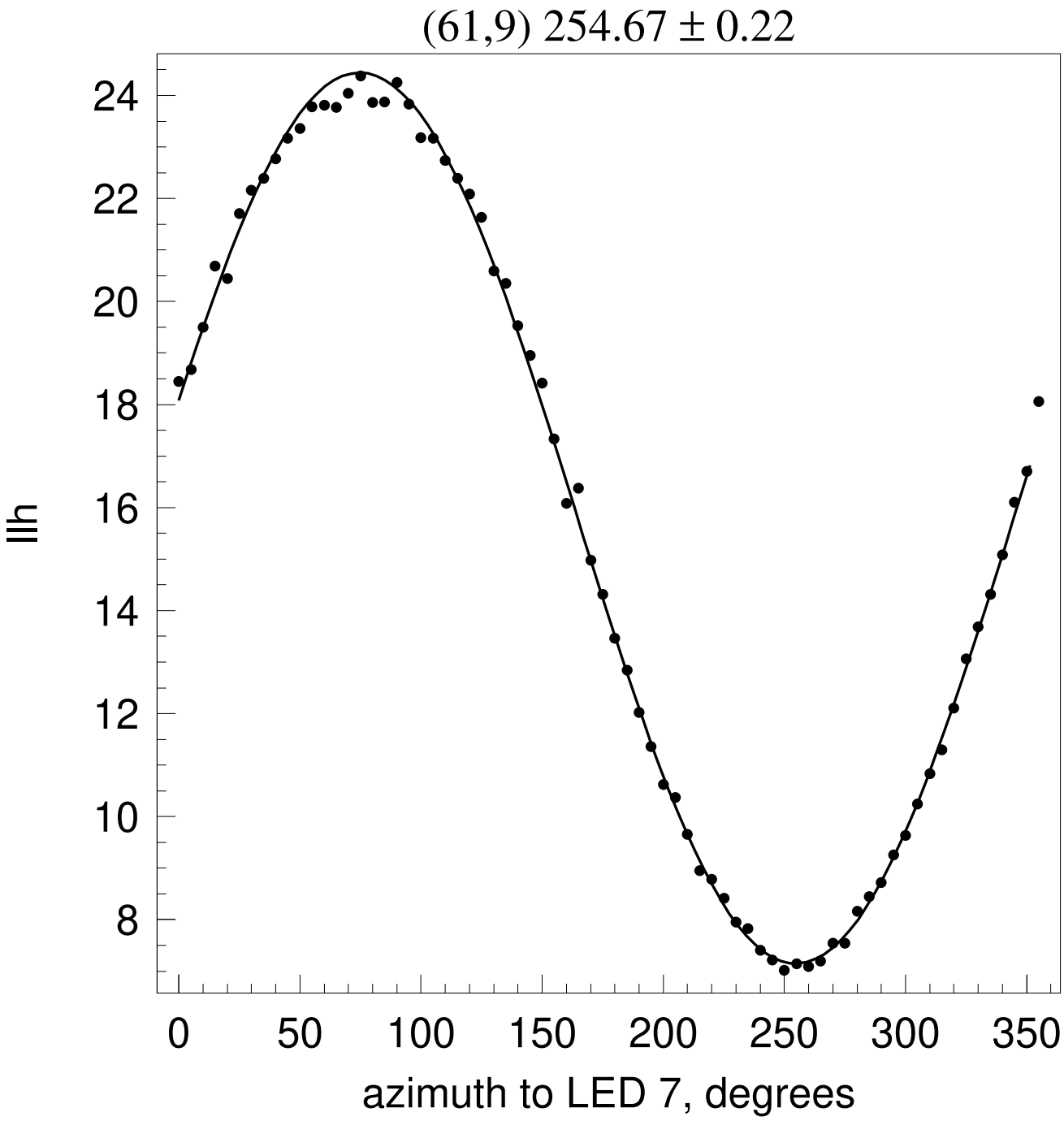

(61,4) 233.40 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

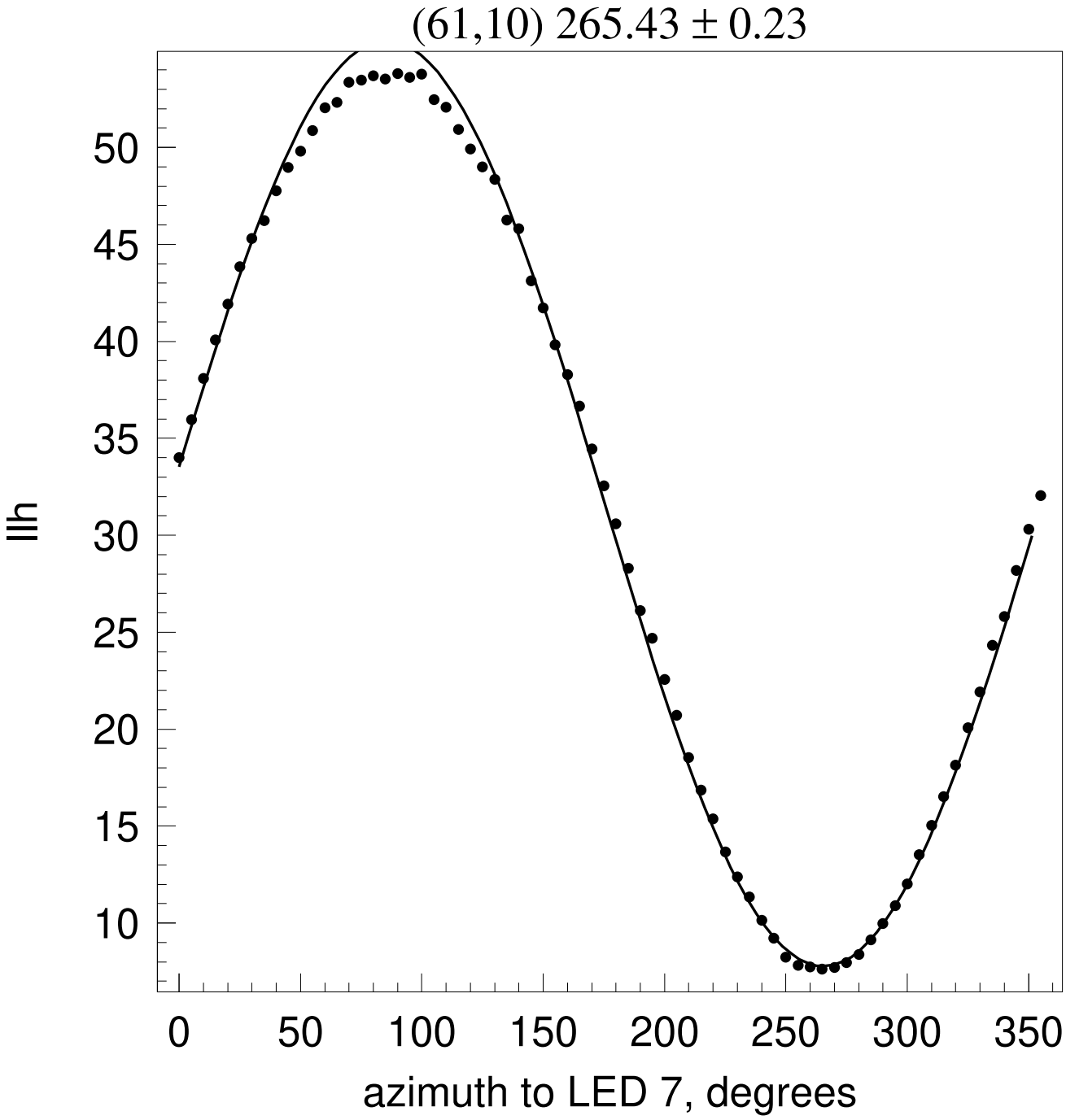

(61,5) 327.92 ± 0.28
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

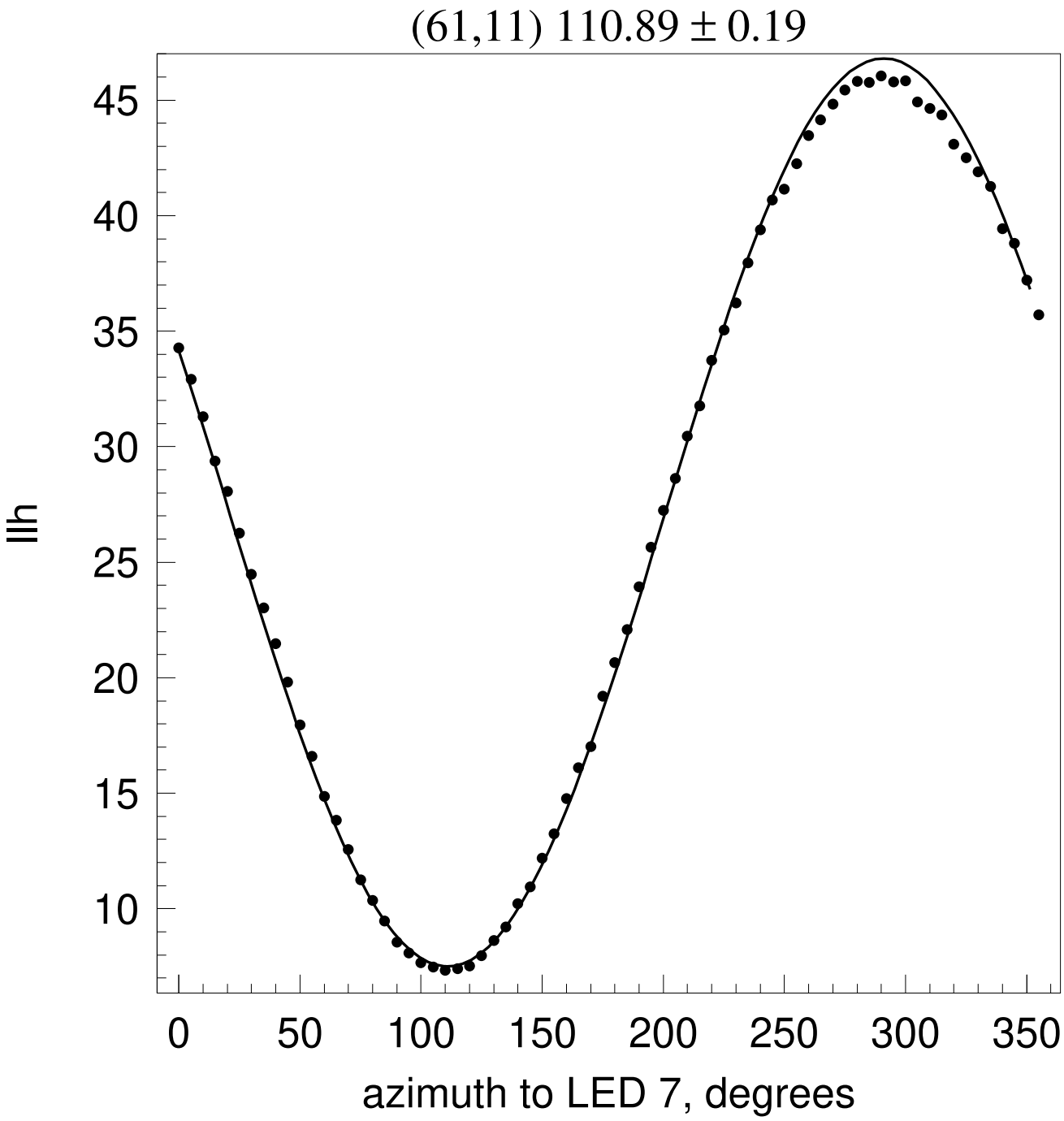

(61,6) 258.26 ± 0.14
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

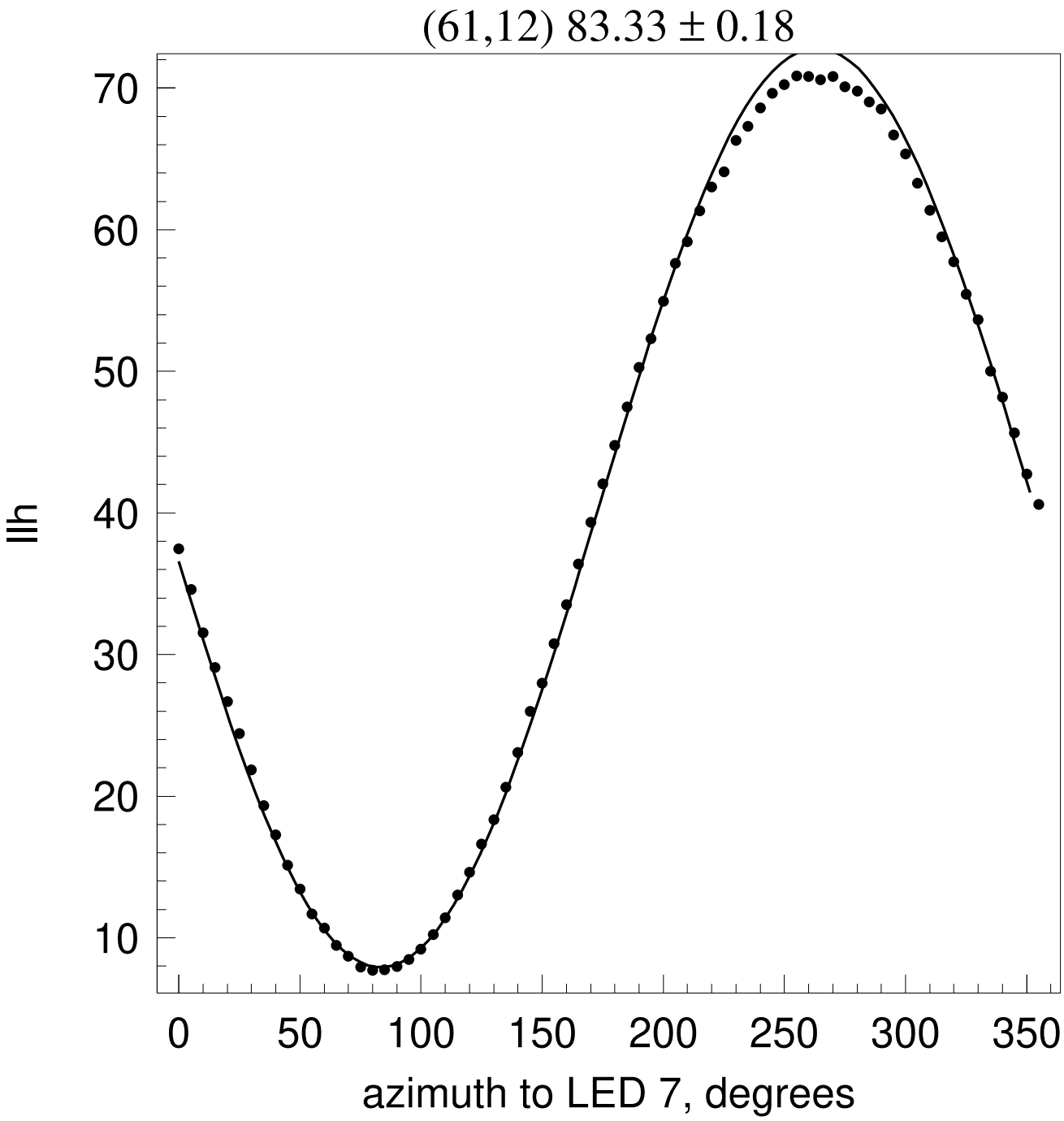

(61,7) 17.72 ± 0.26
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

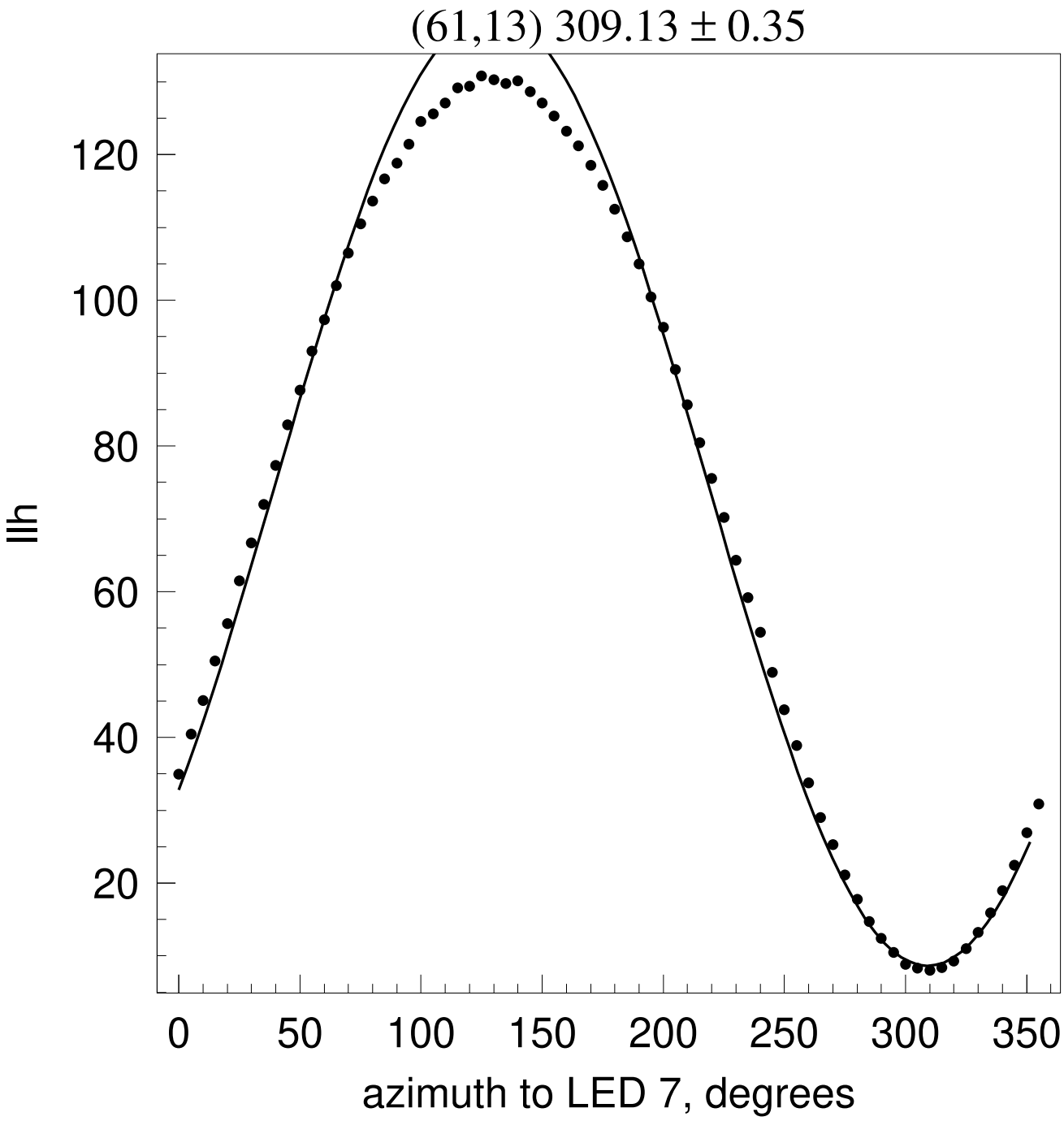

(61,8) 56.28 ± 0.21
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

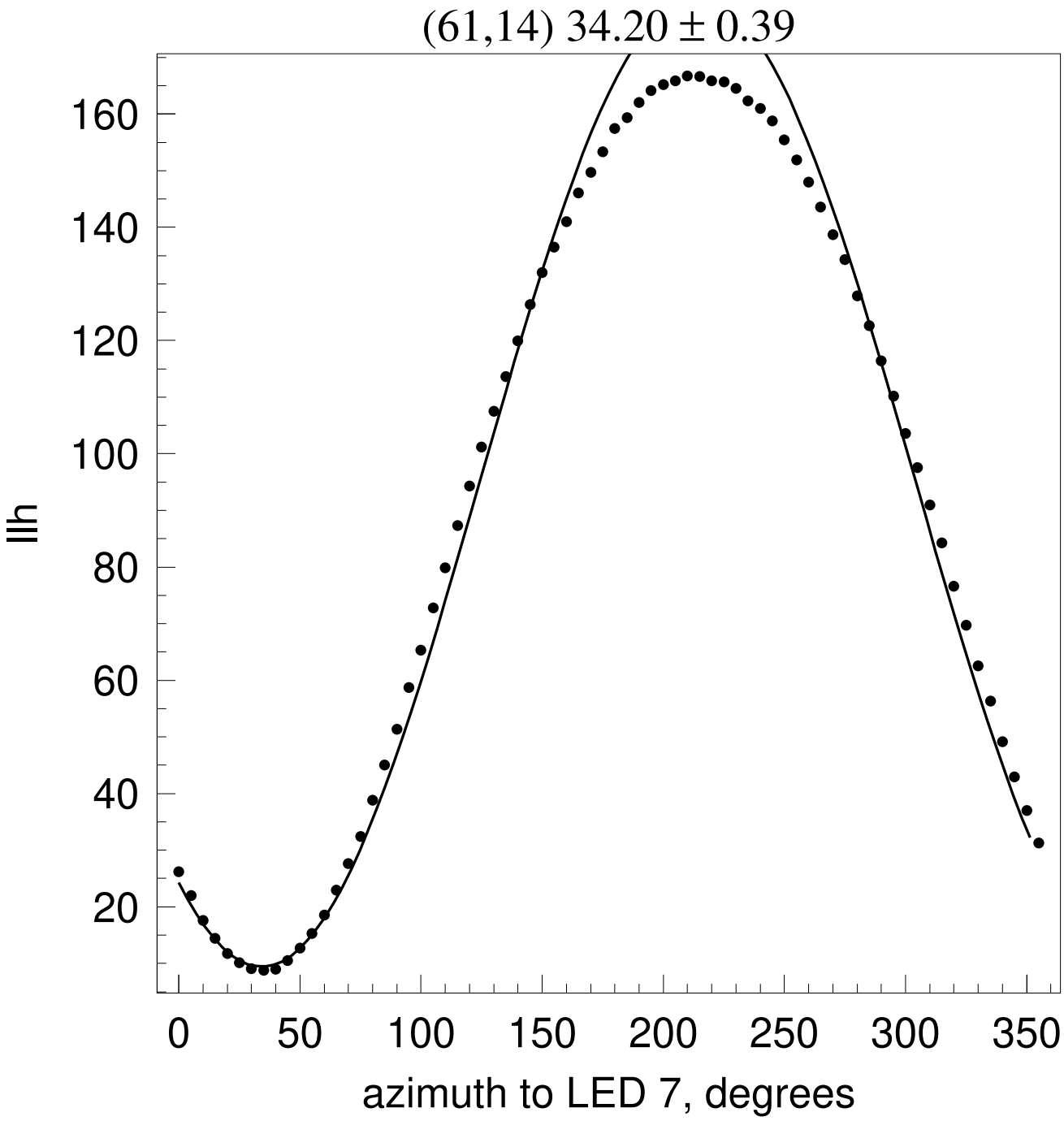

(61,9) 254.67 ± 0.22
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

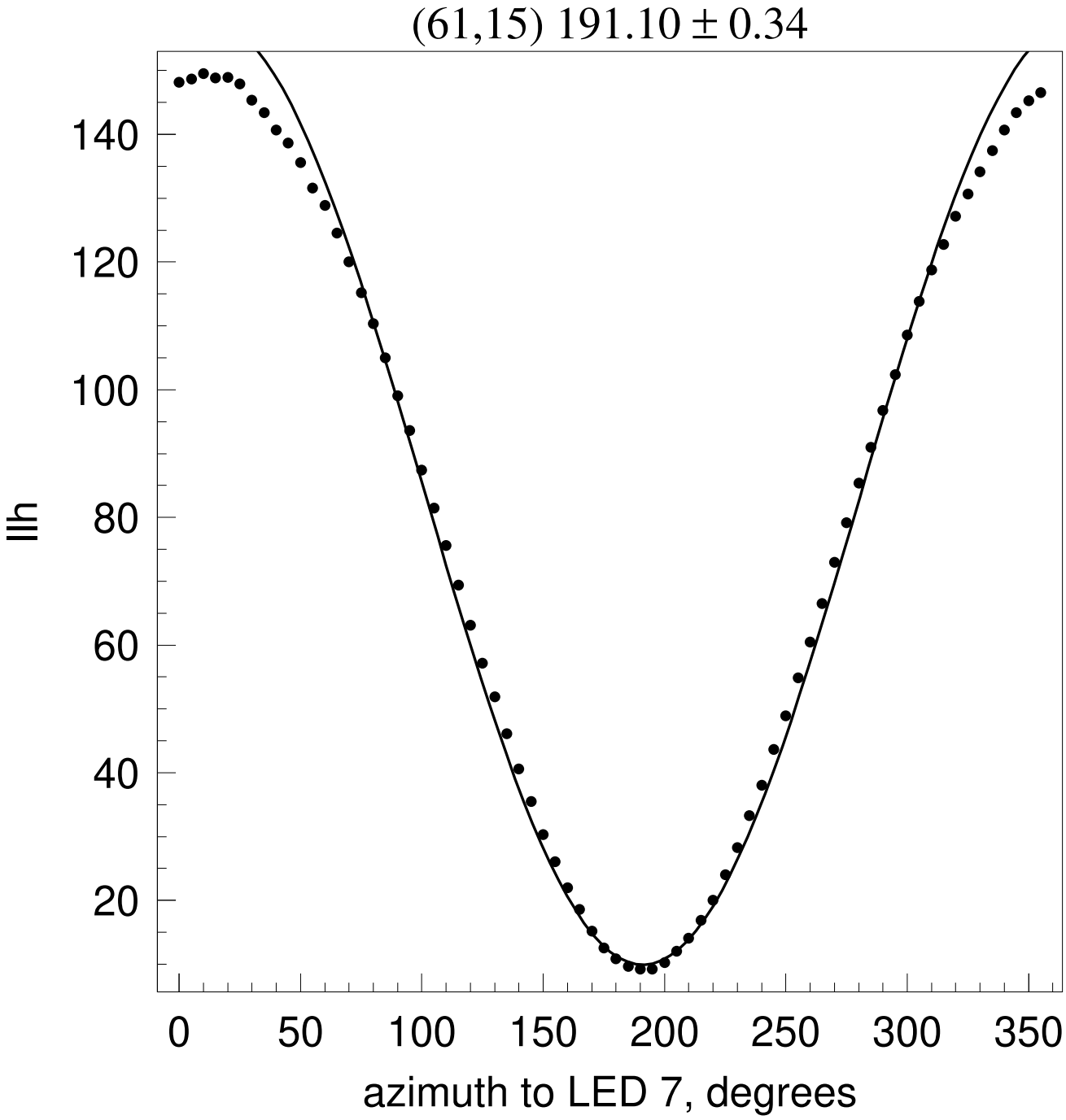

(61,10) 265.43 ± 0.23
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

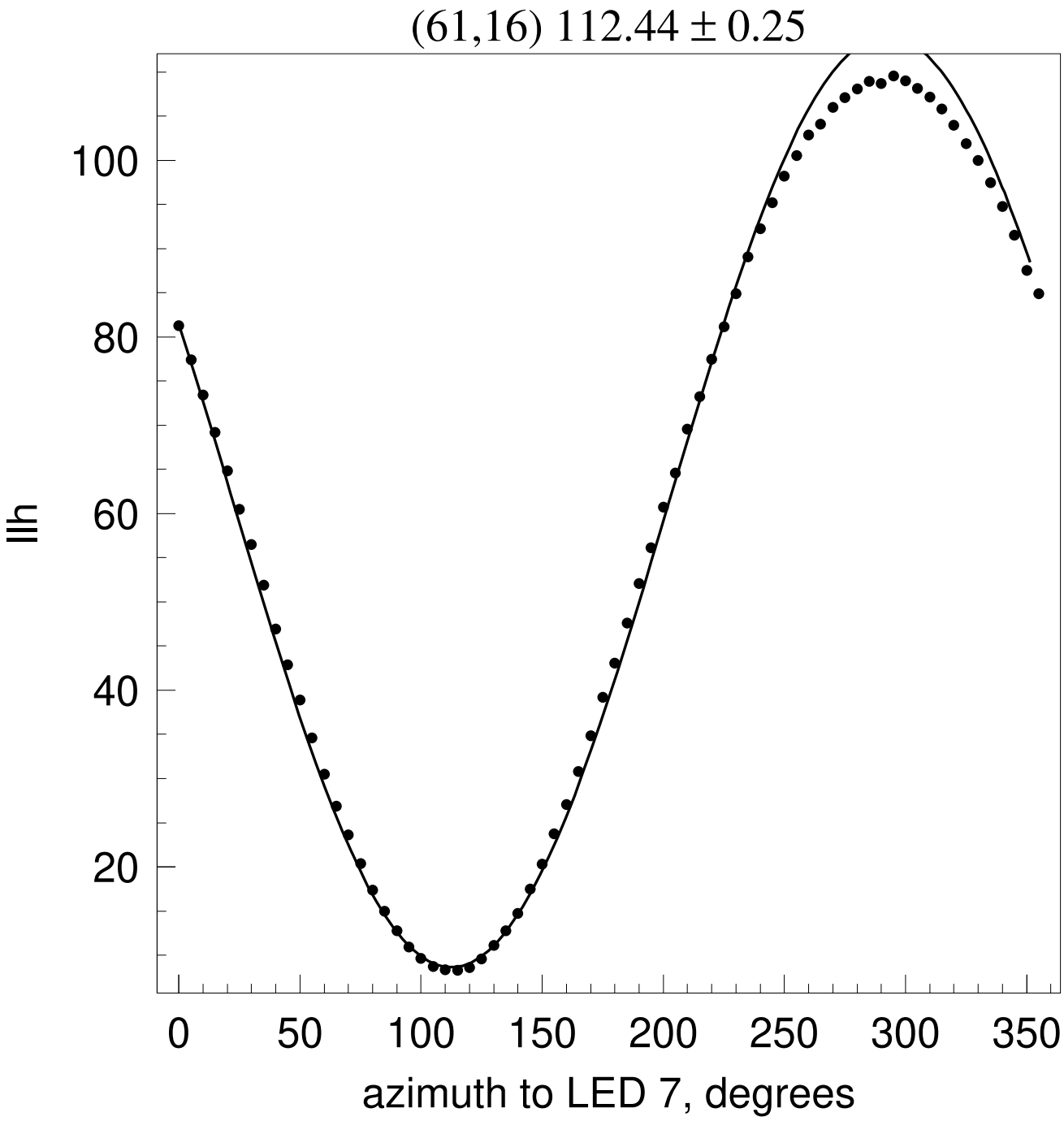

(61,11) 110.89 ± 0.19
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

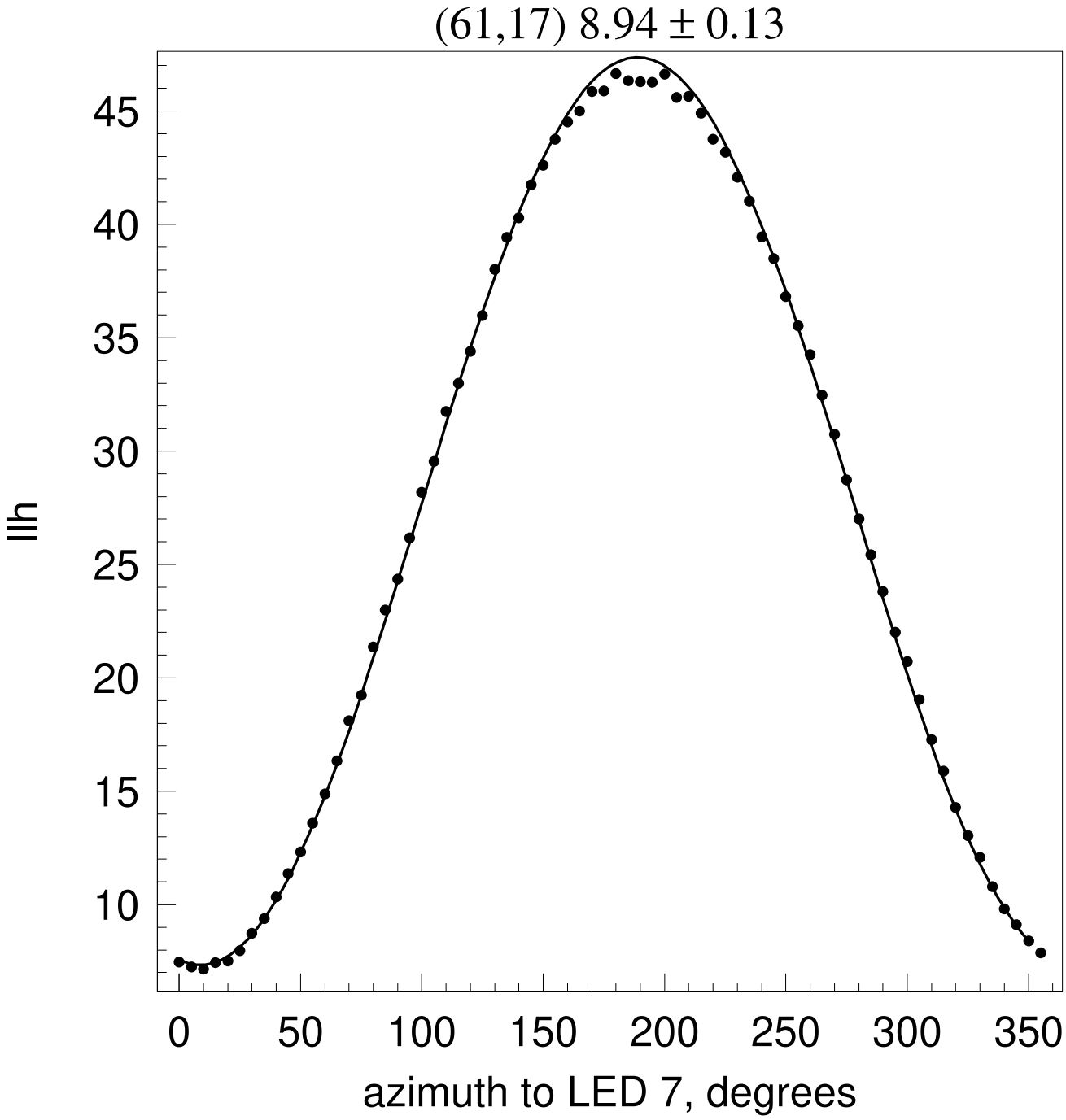

(61,12) 83.33 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

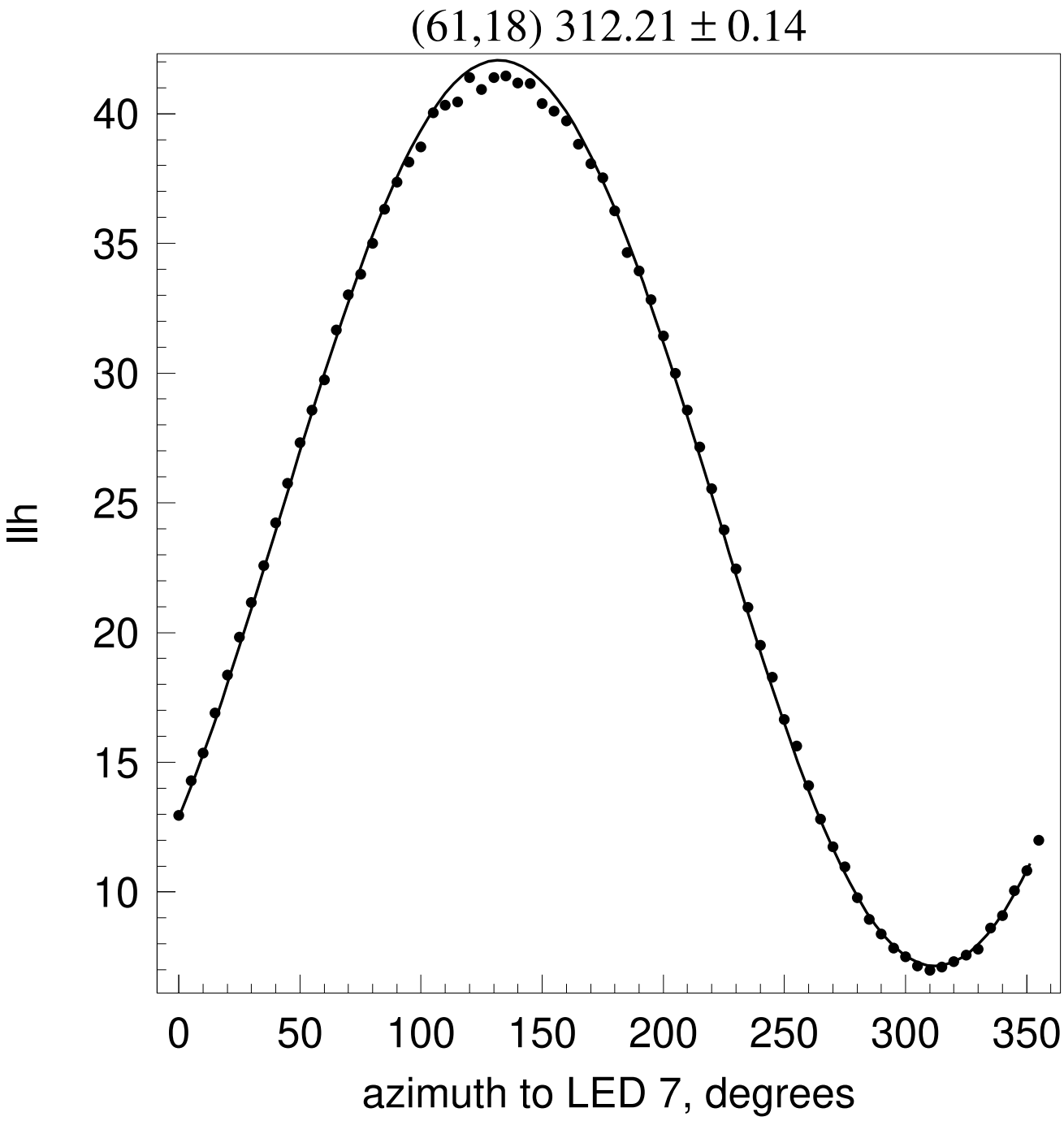

(61,13) 309.13 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

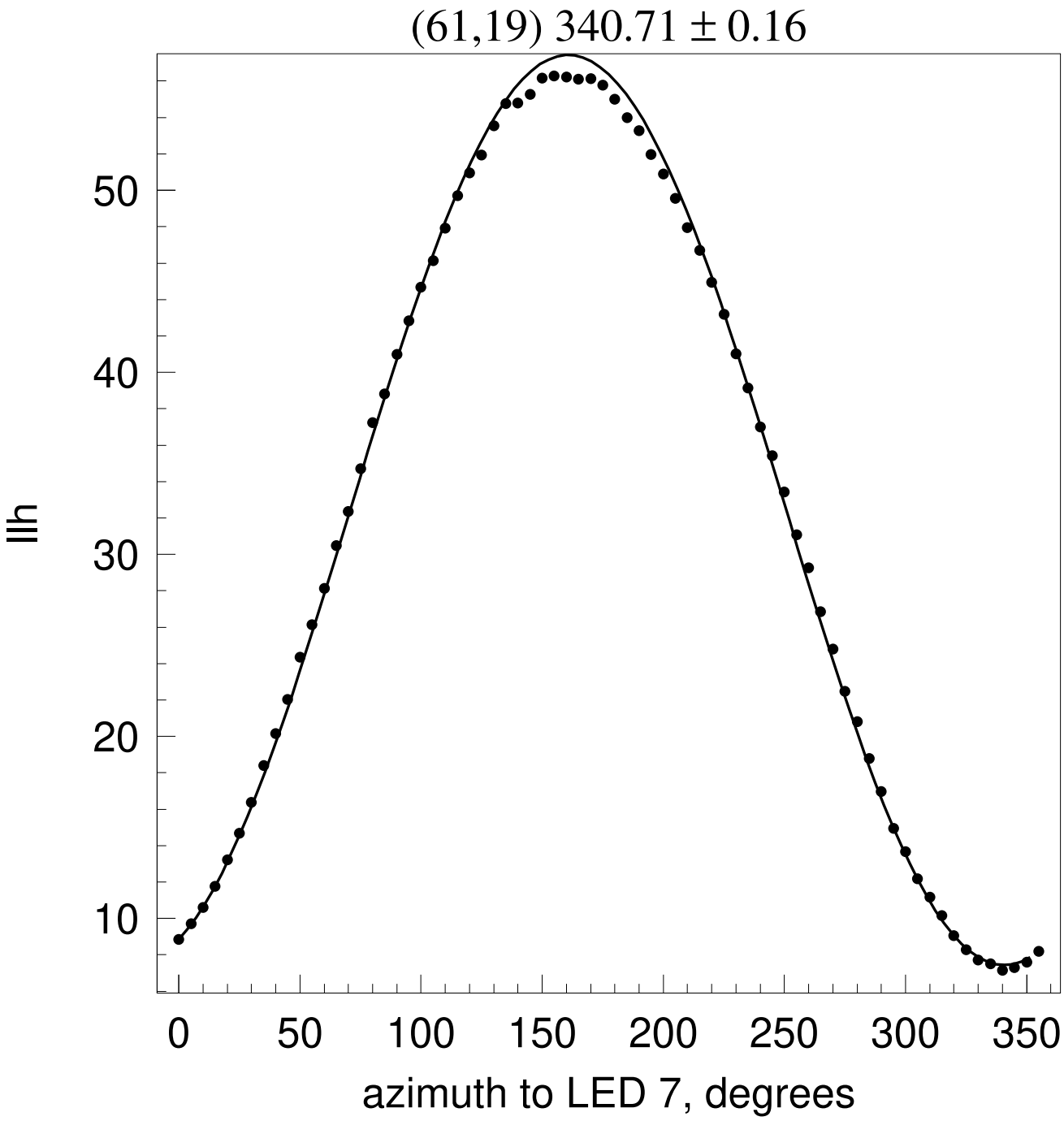

(61,14) 34.20 ± 0.39
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

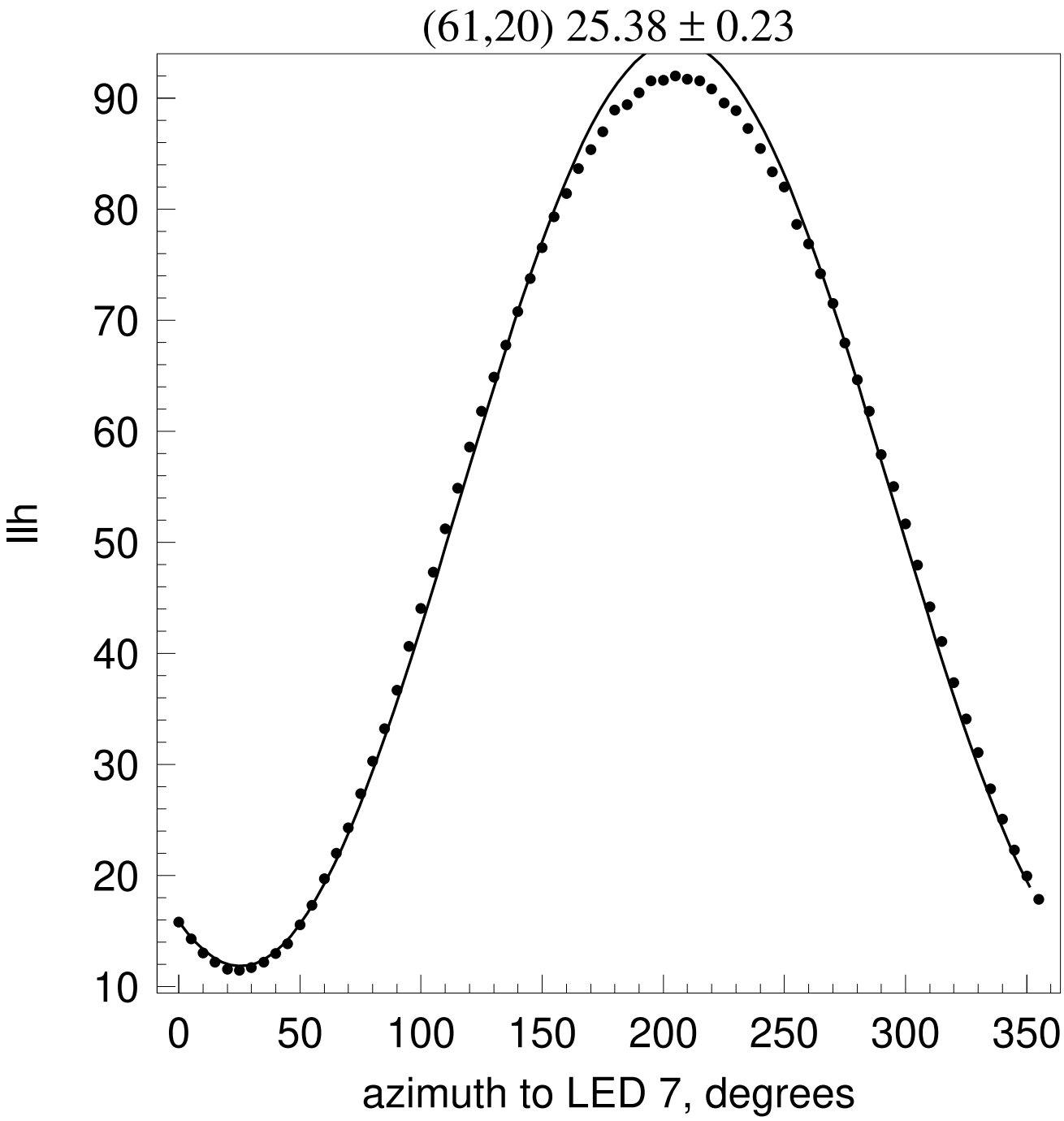

(61,15) 191.10 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

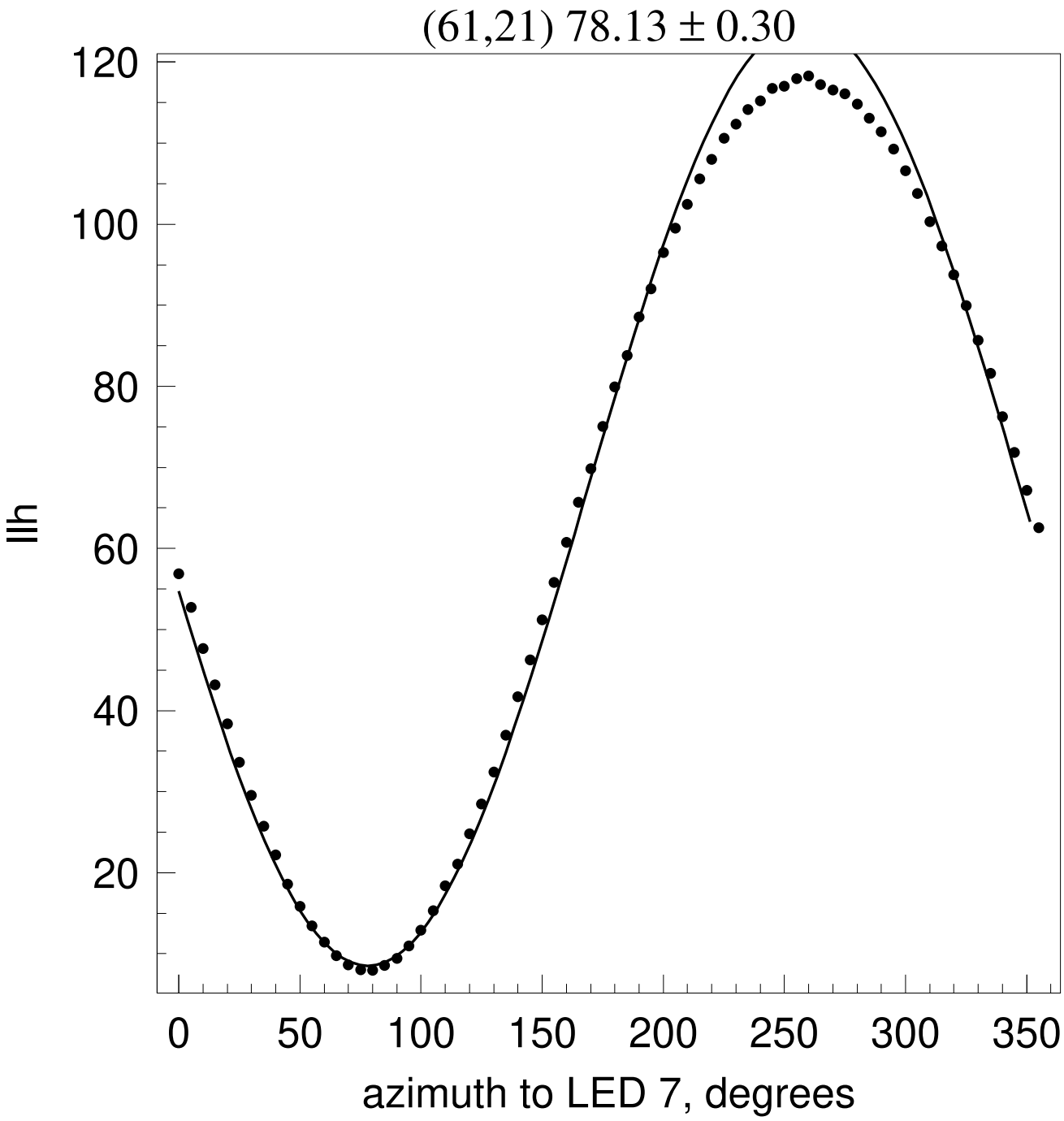

(61,16) 112.44 ± 0.25
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

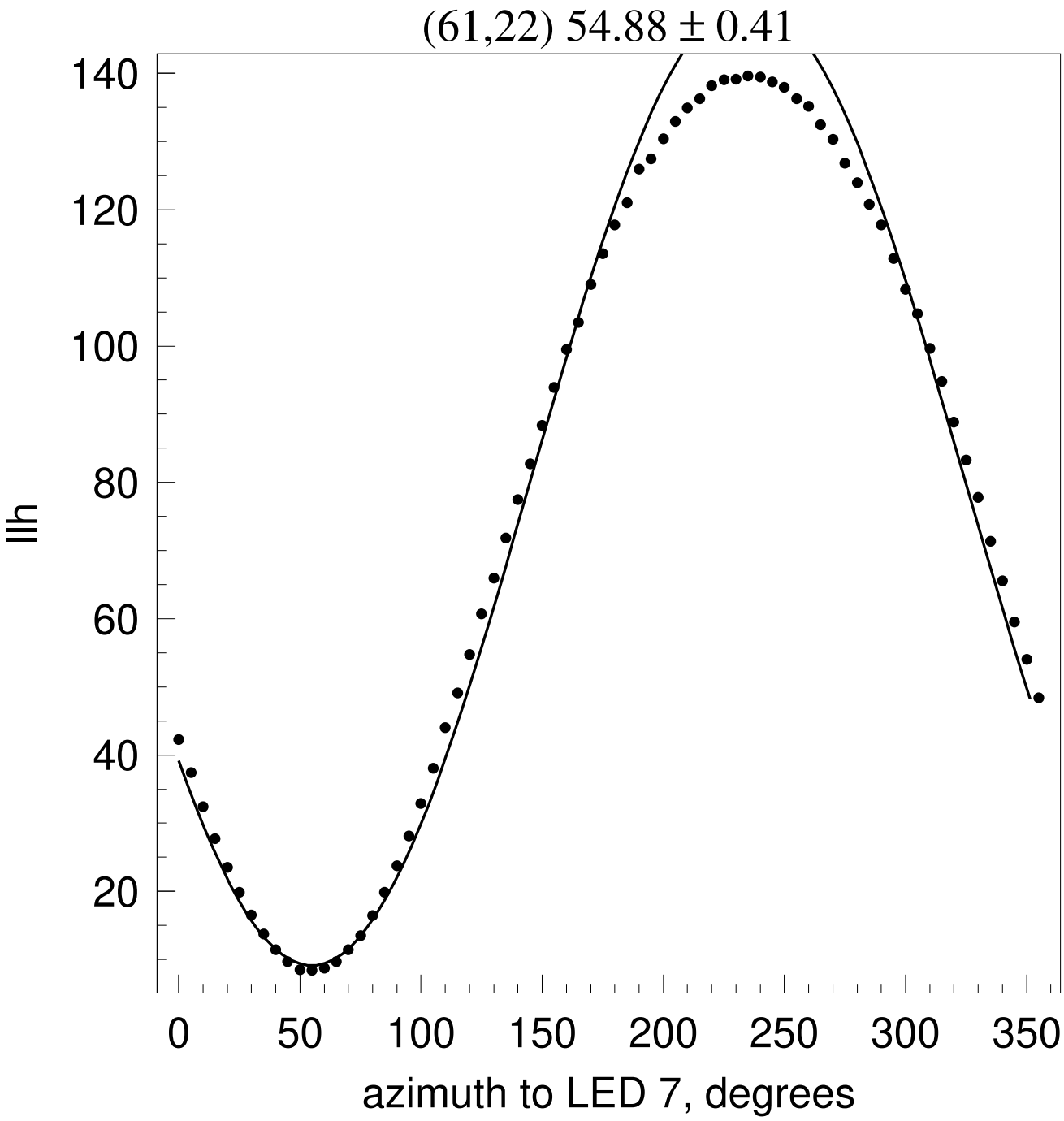

(61,17) 8.94 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

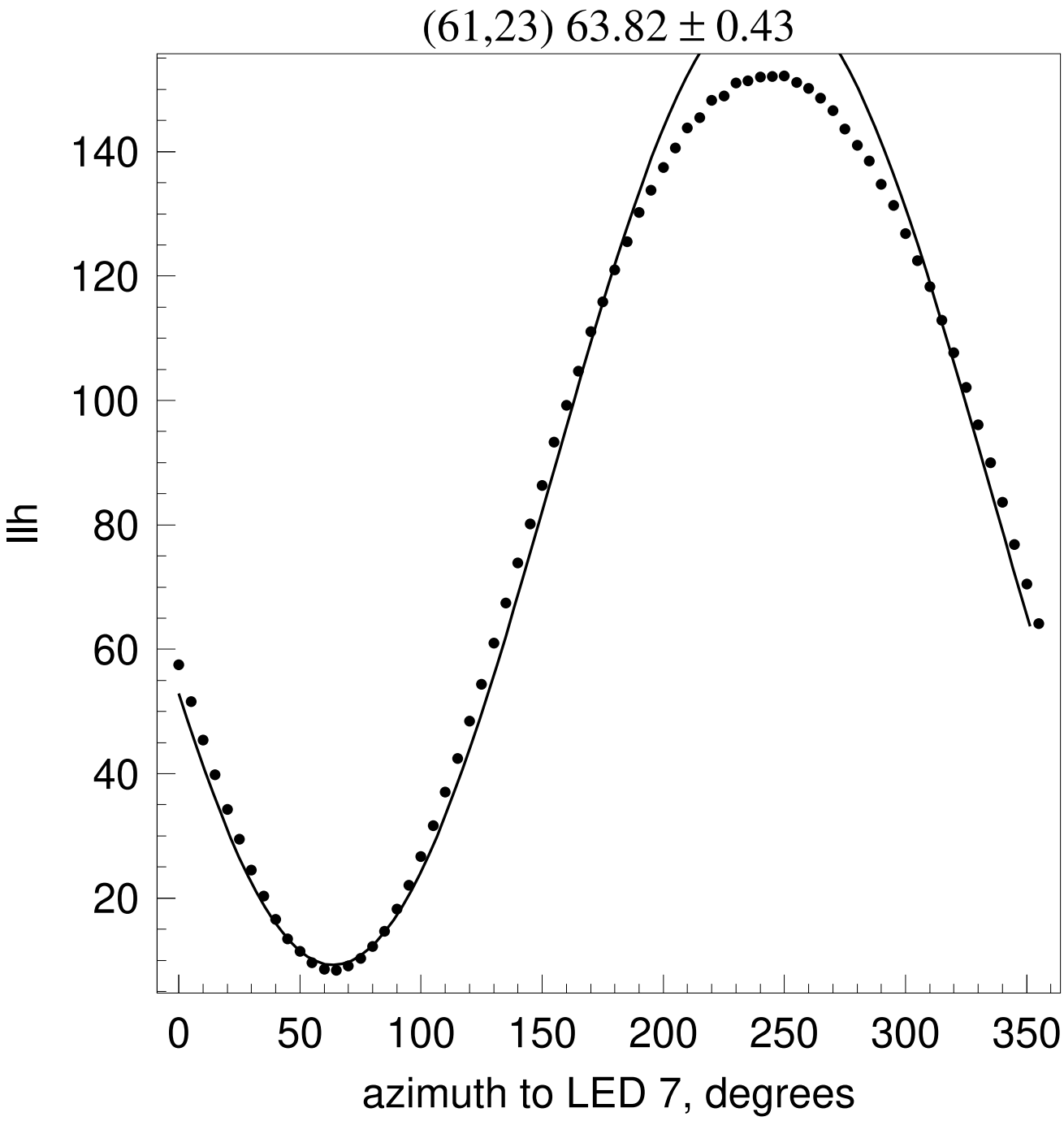

(61,18) 312.21 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

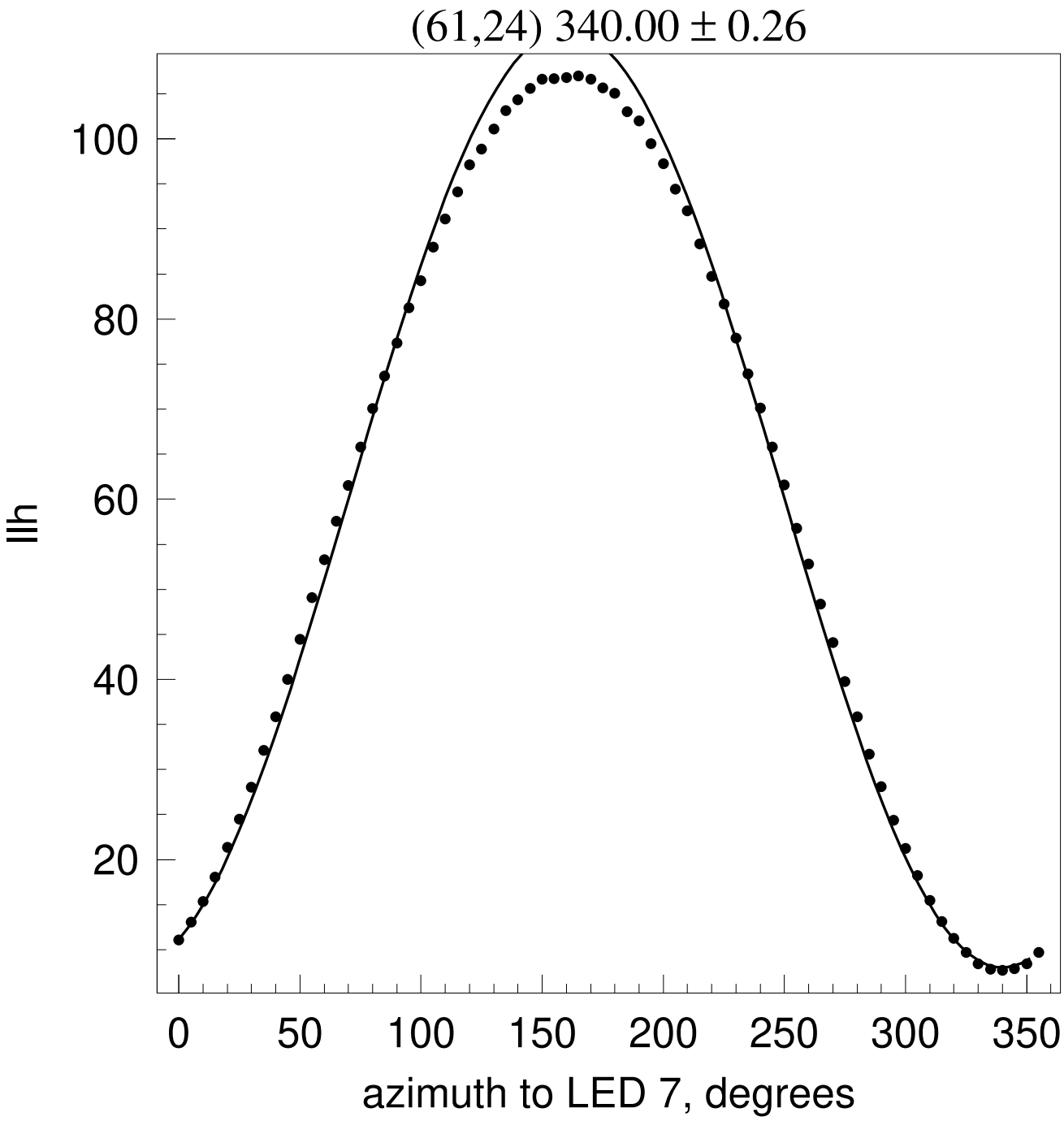

(61,19) 340.71 ± 0.16
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

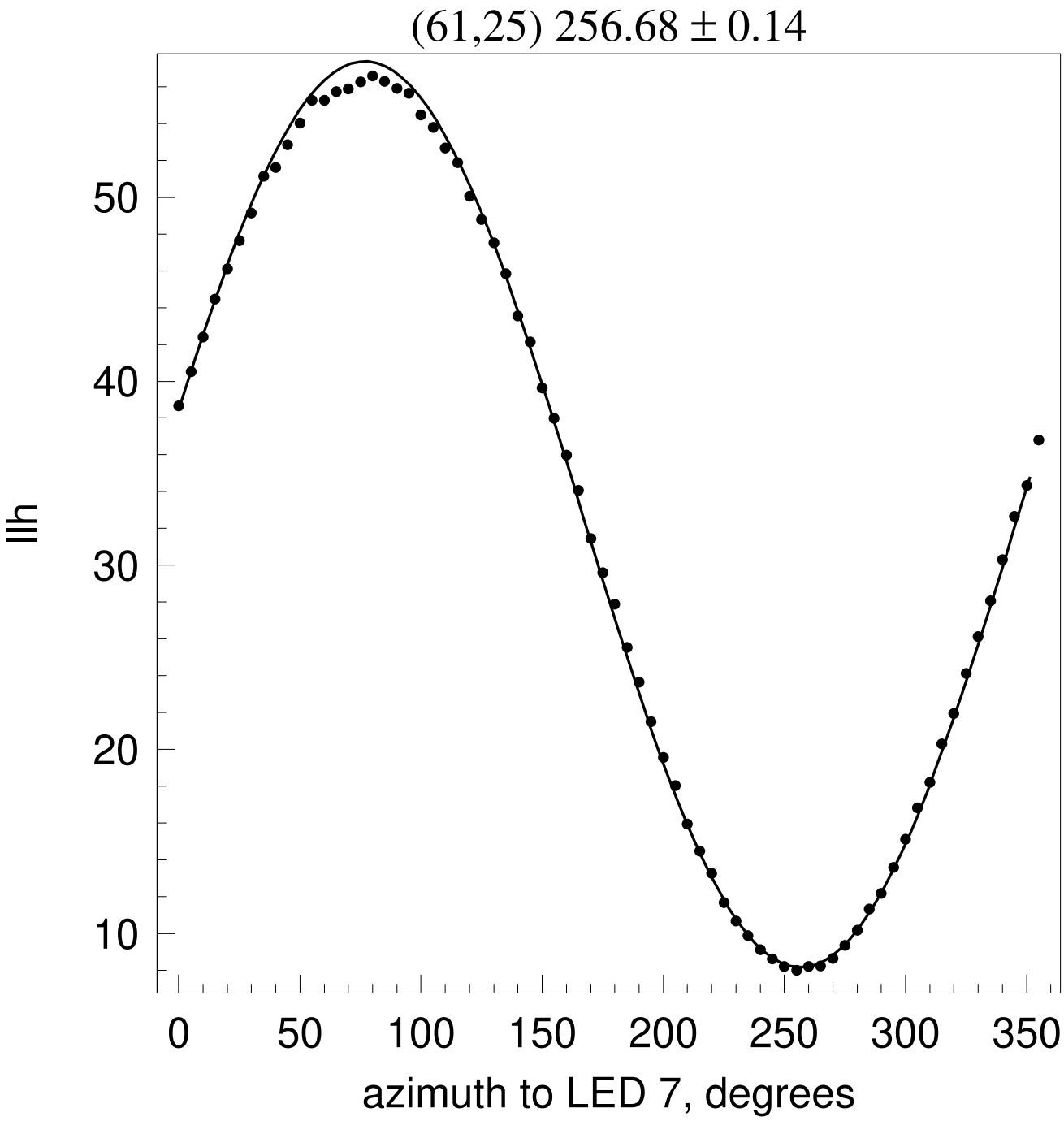

(61,20) 25.38 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

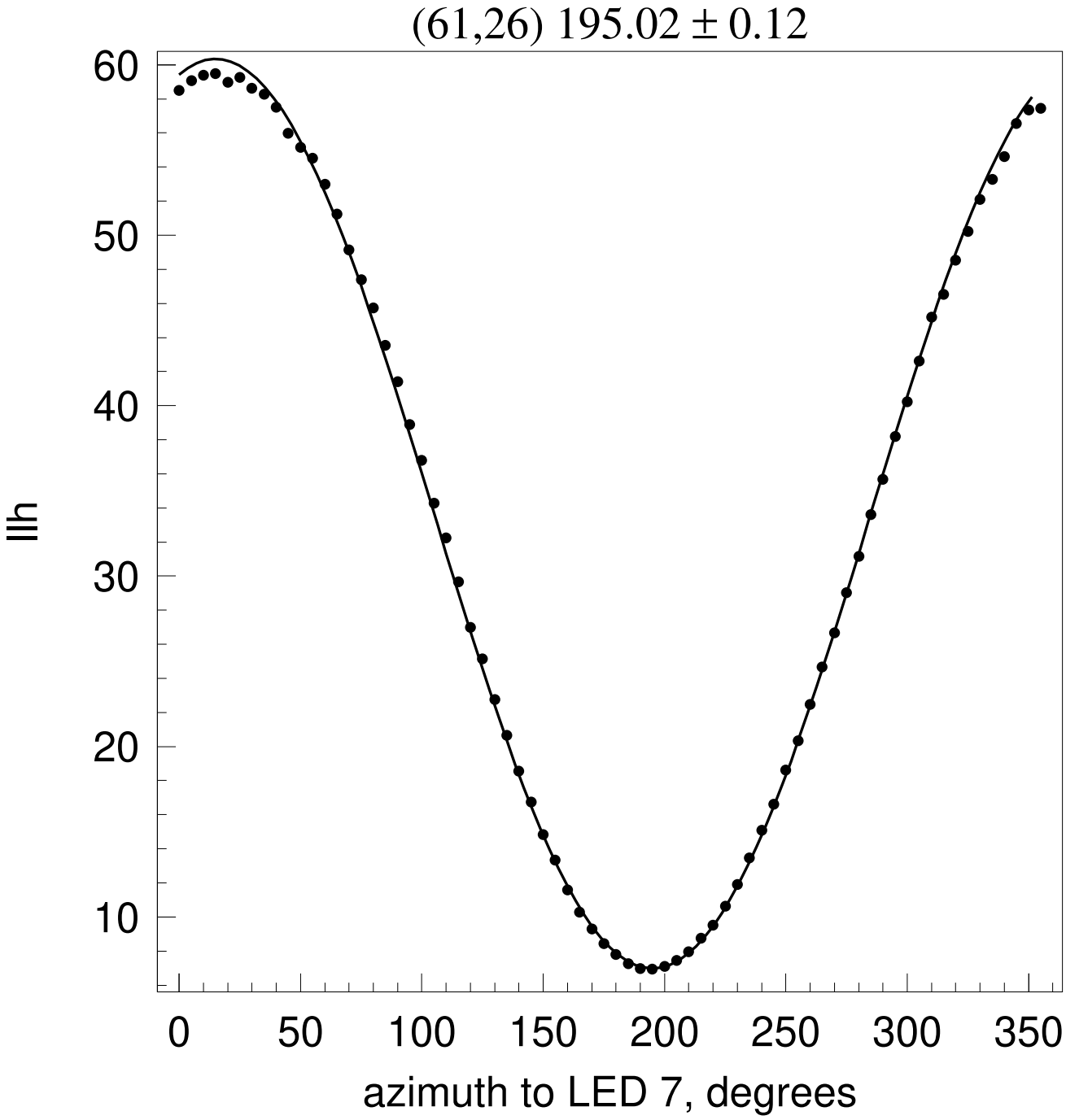

(61,21) 78.13 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

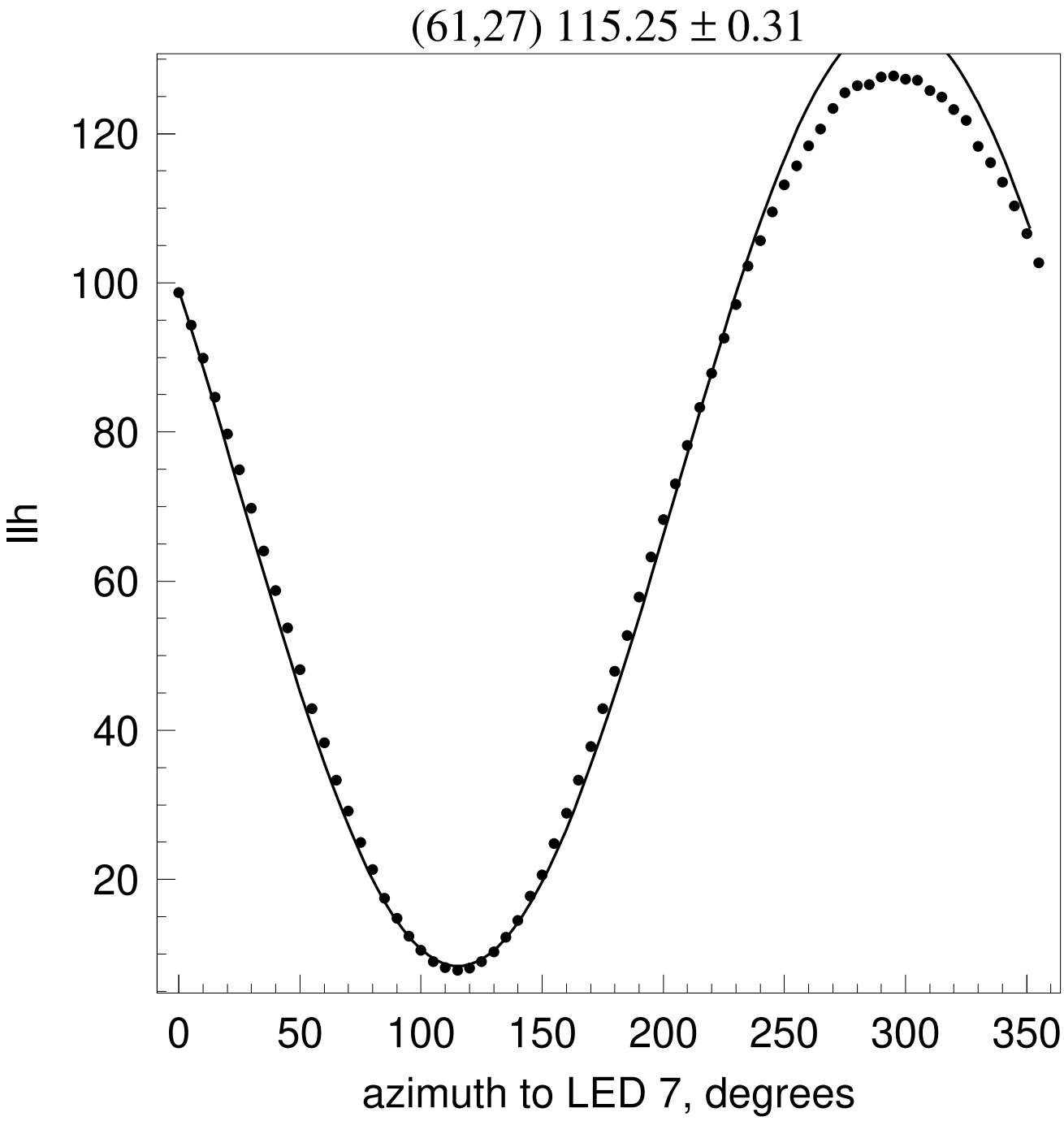

(61,22) 54.88 ± 0.41
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

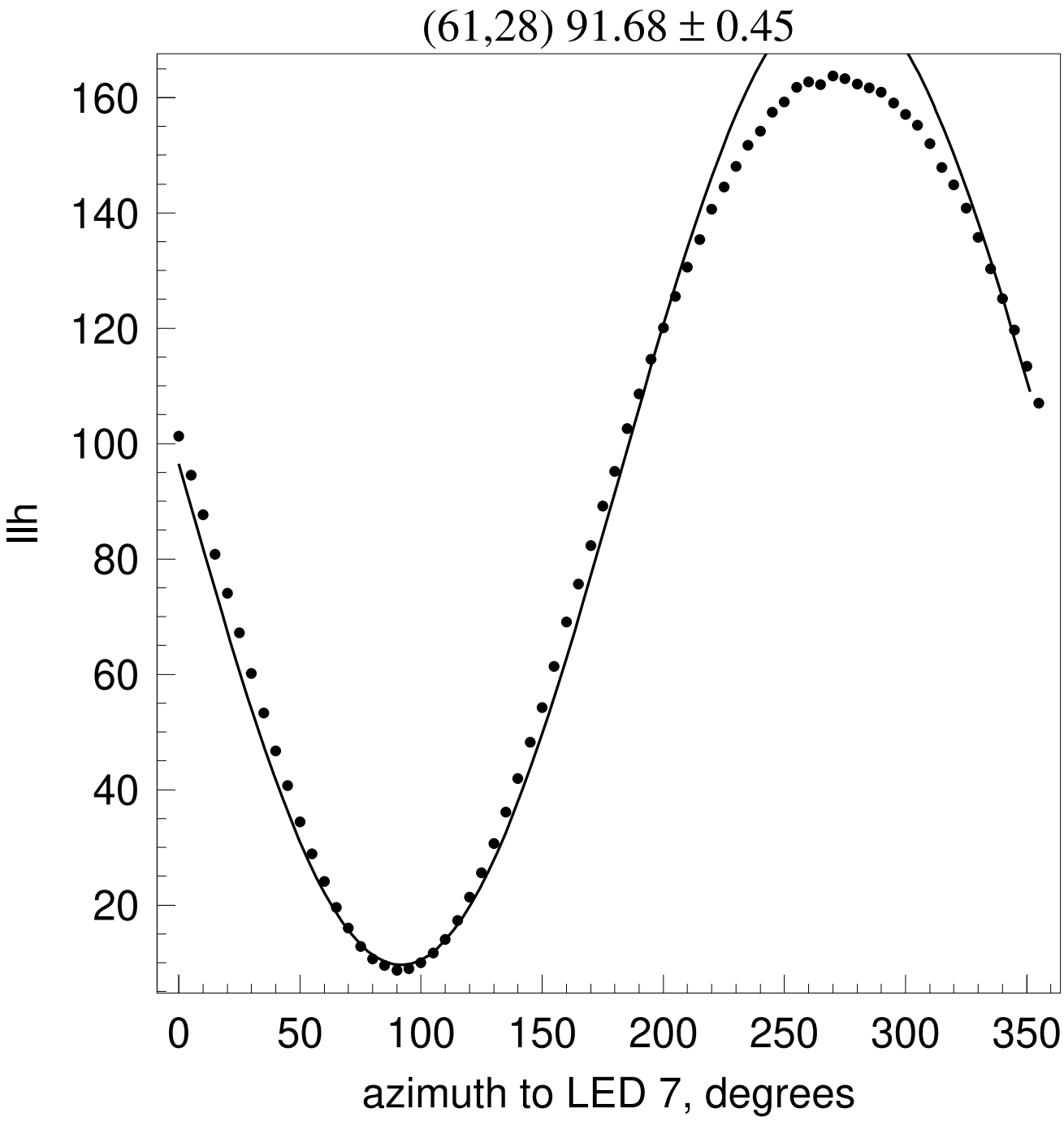

(61,23) 63.82 ± 0.43
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

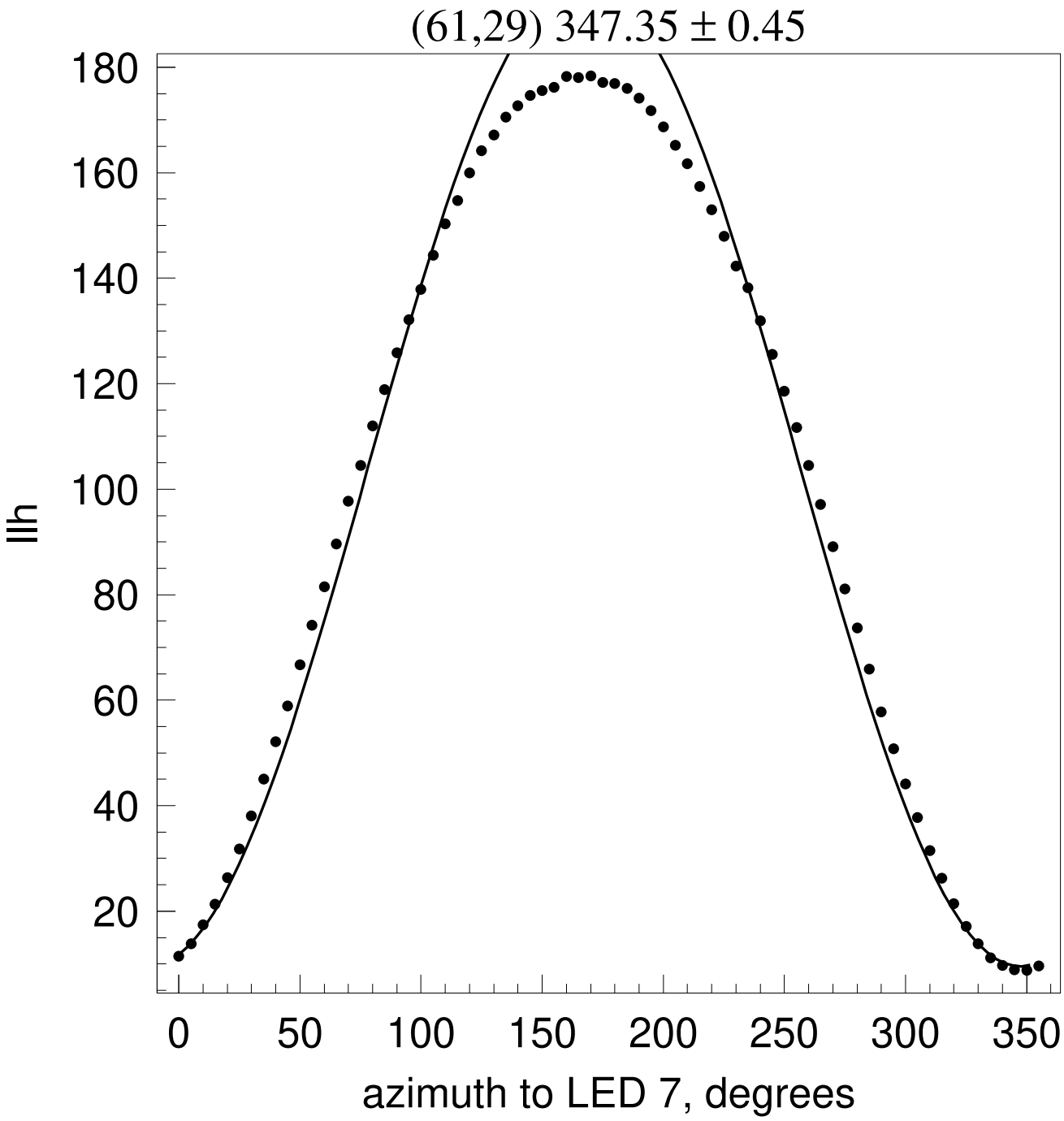

(61,24) 340.00 ± 0.26
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

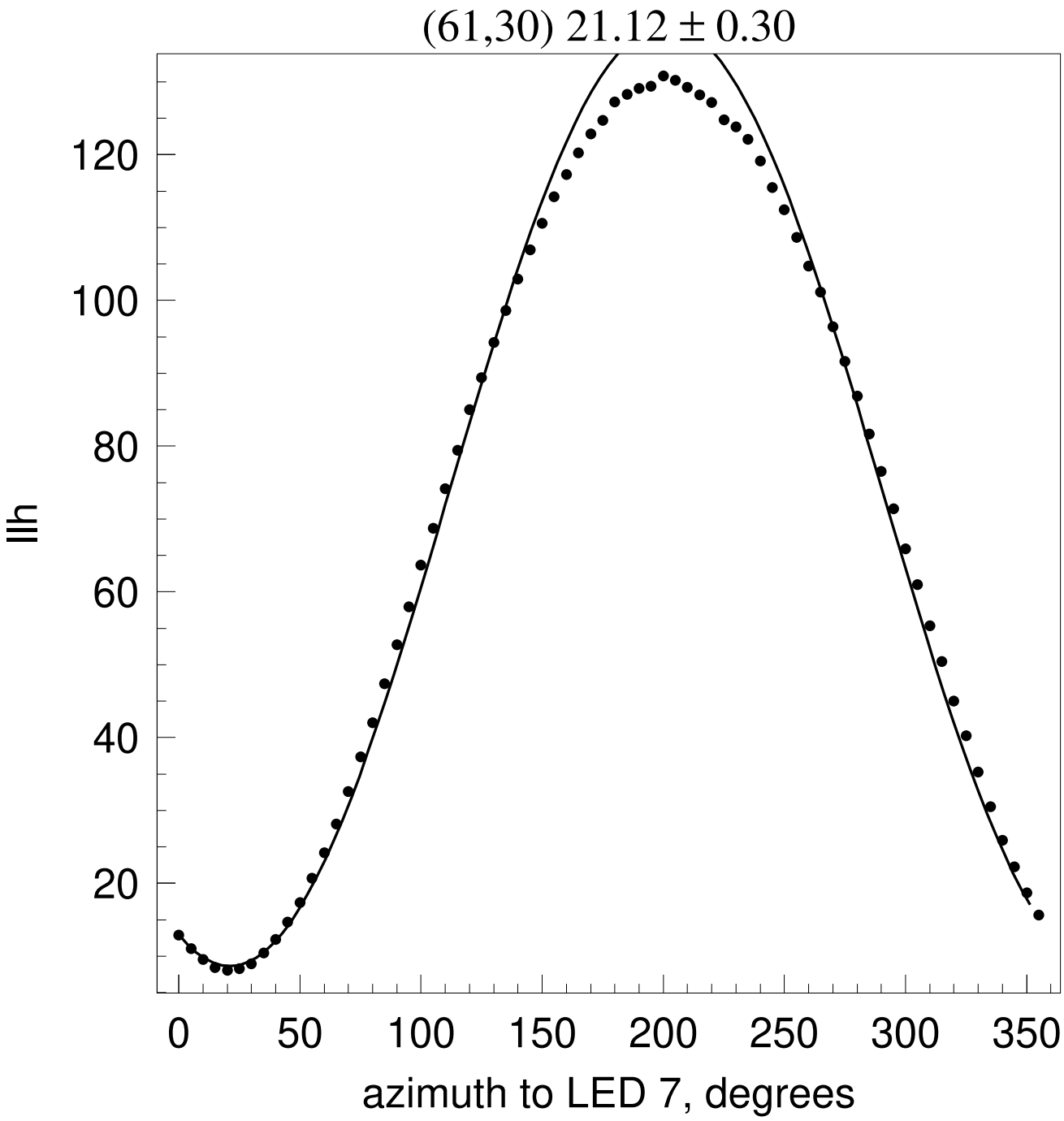

(61,25) 256.68 ± 0.14
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

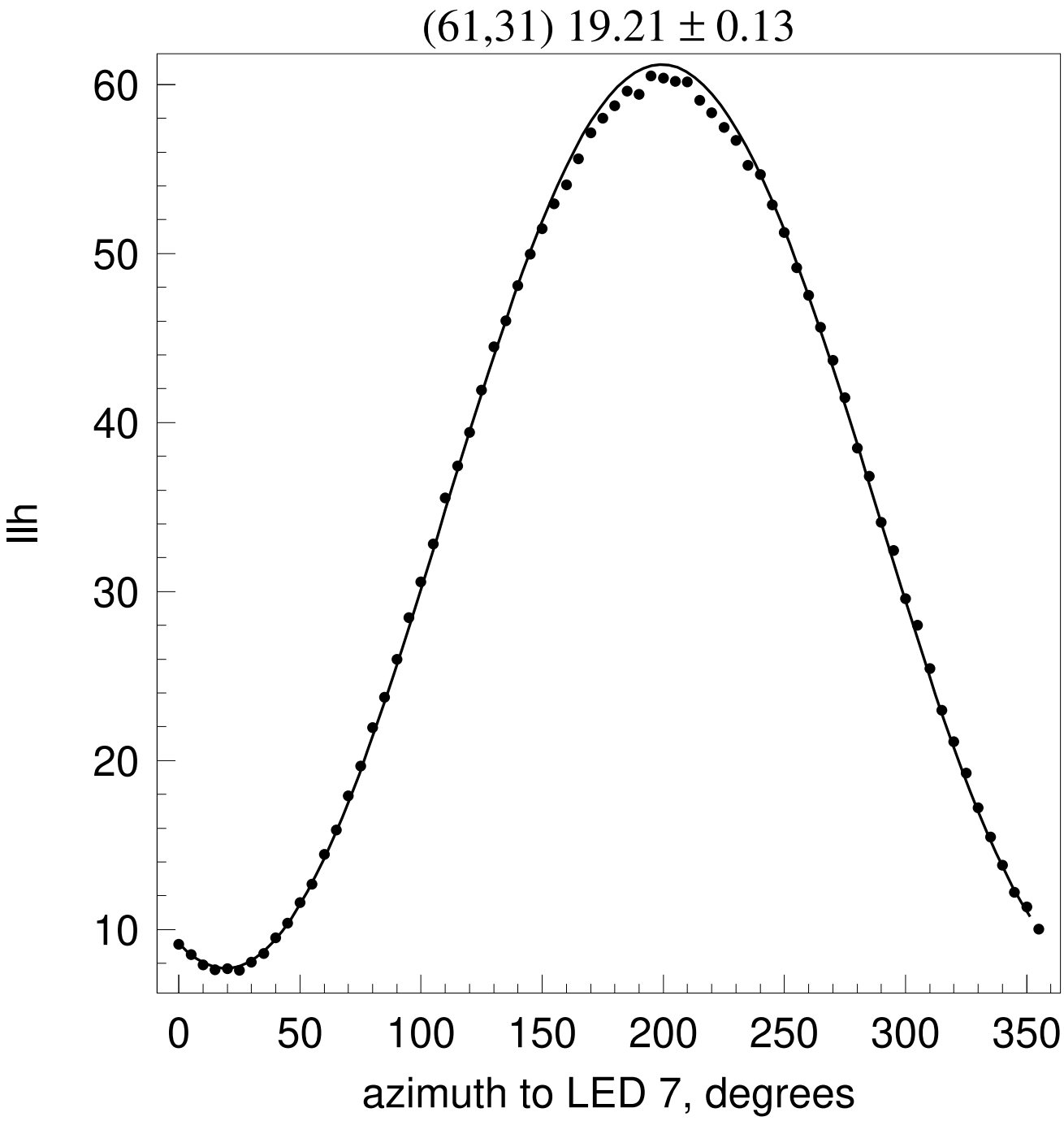

(61,26) 195.02 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

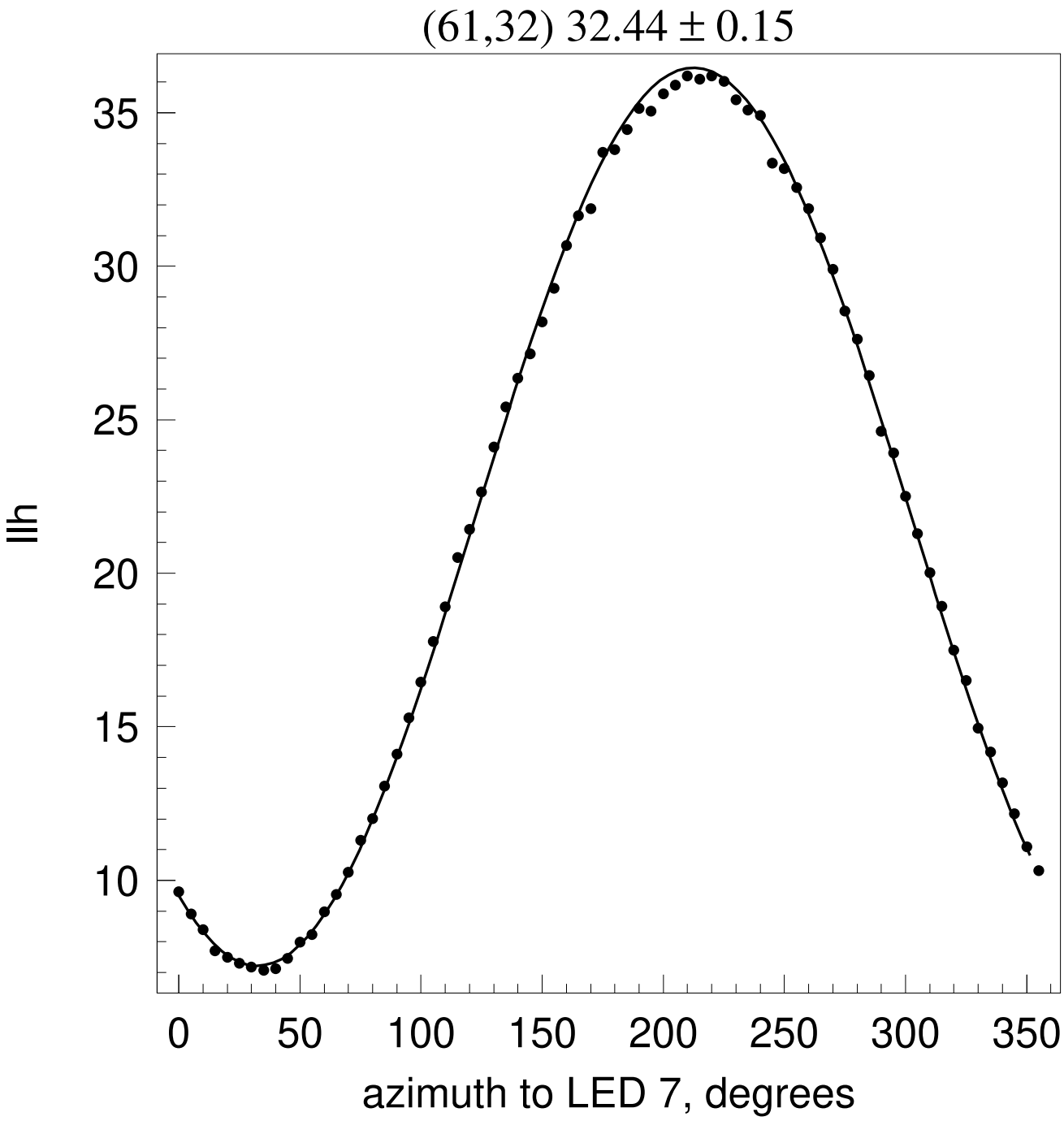

(61,27) 115.25 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

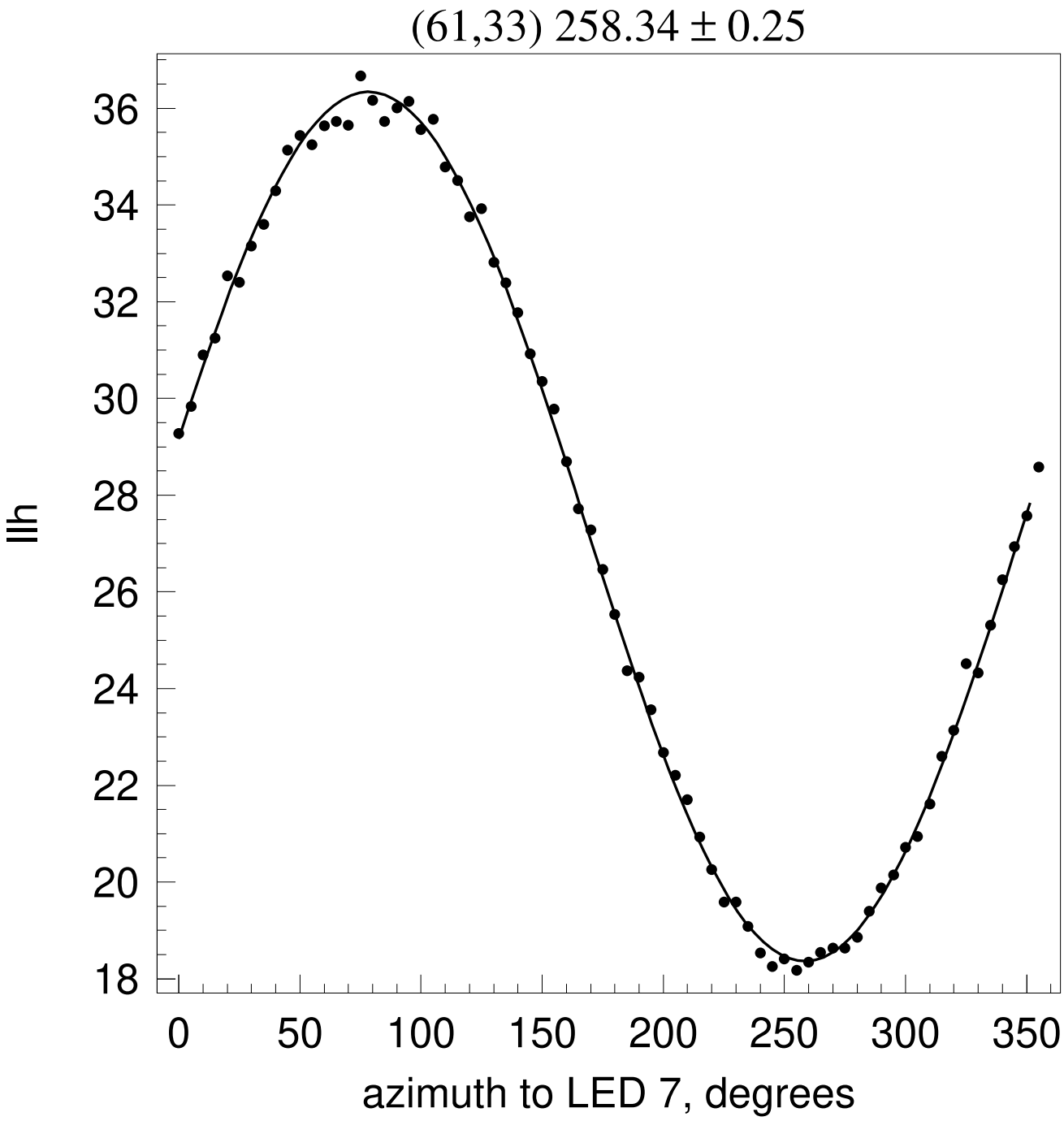

(61,28) 91.68 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

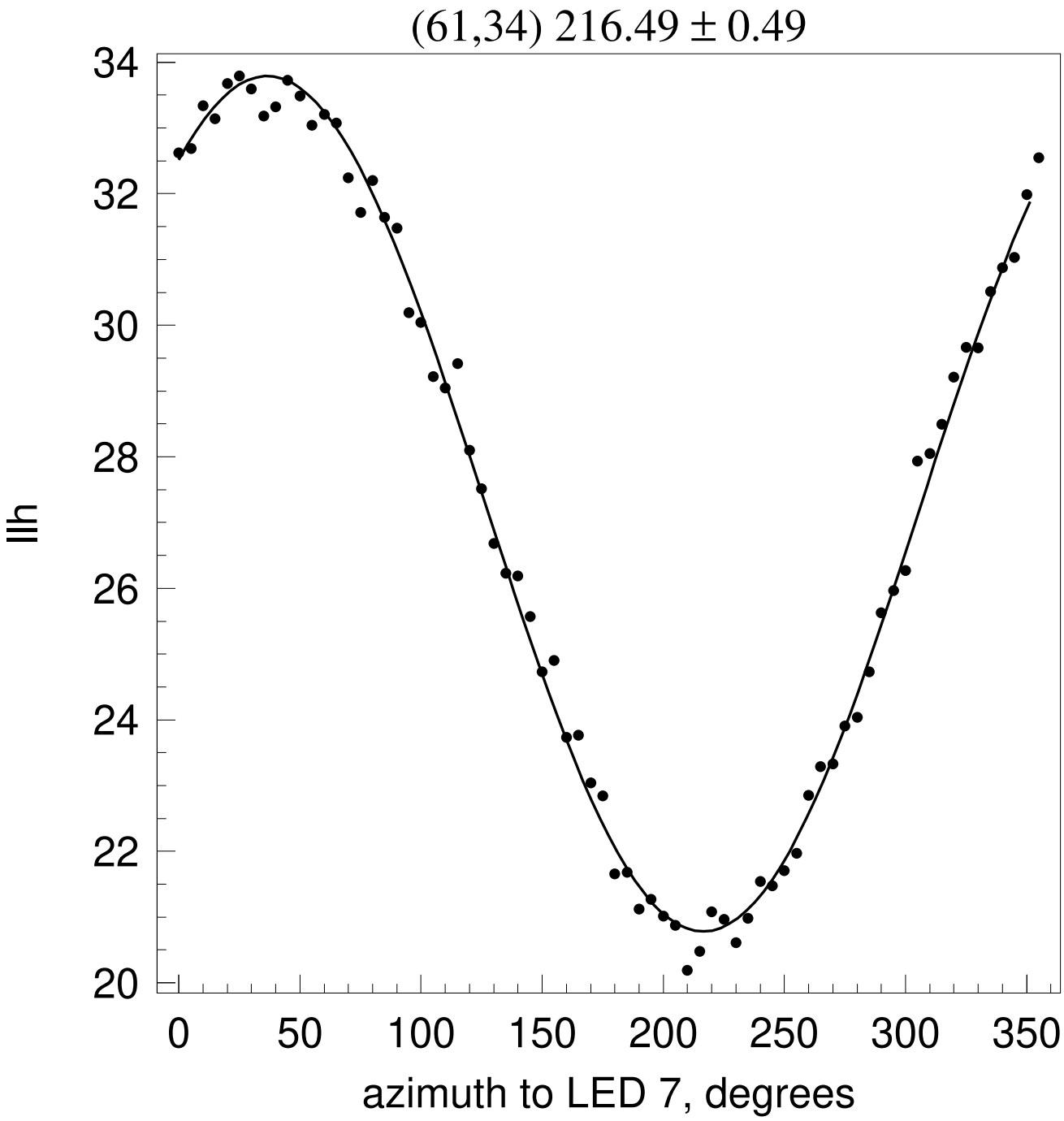

(61,29) 347.35 ± 0.45
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

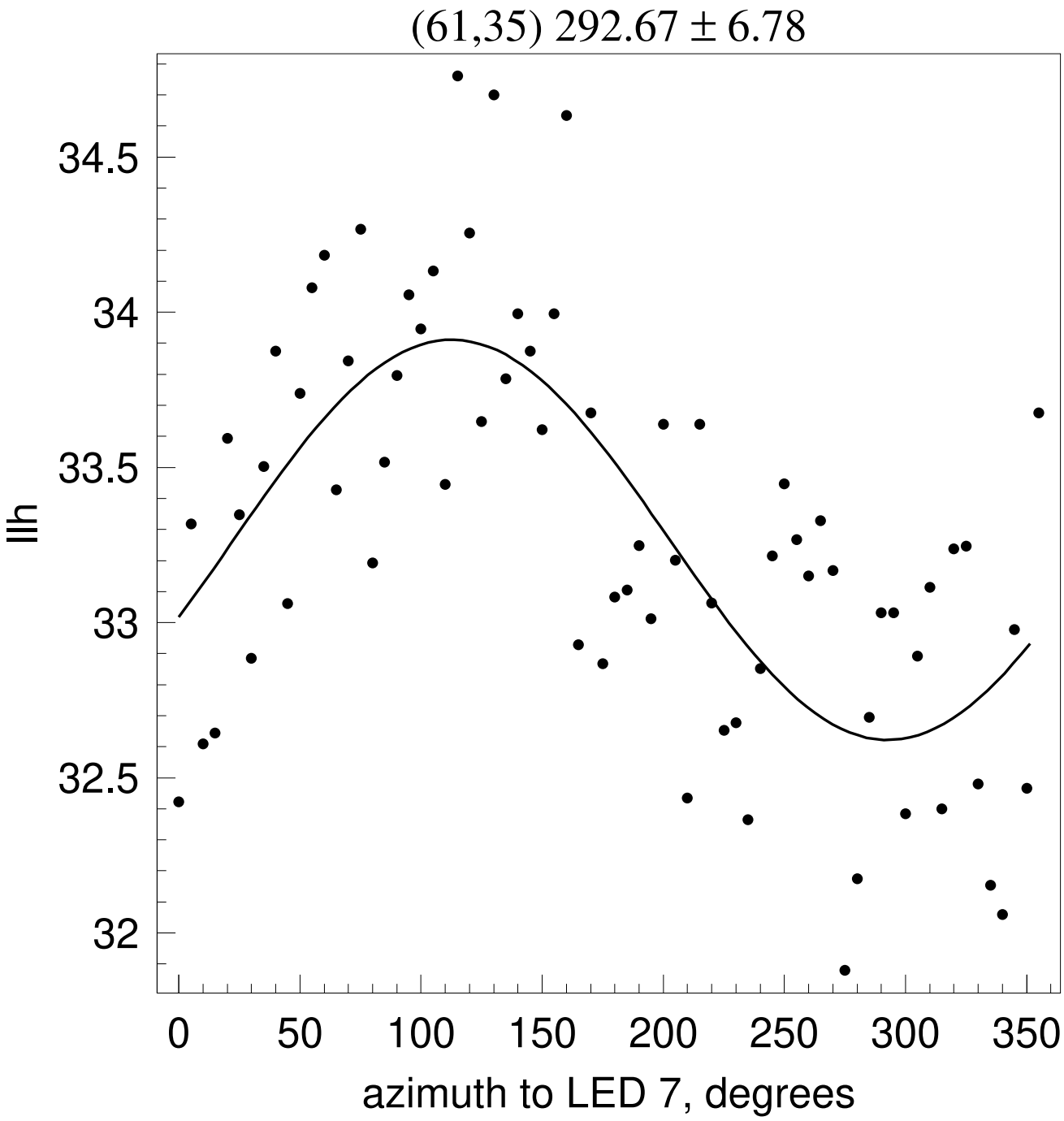

(61,30) 21.12 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

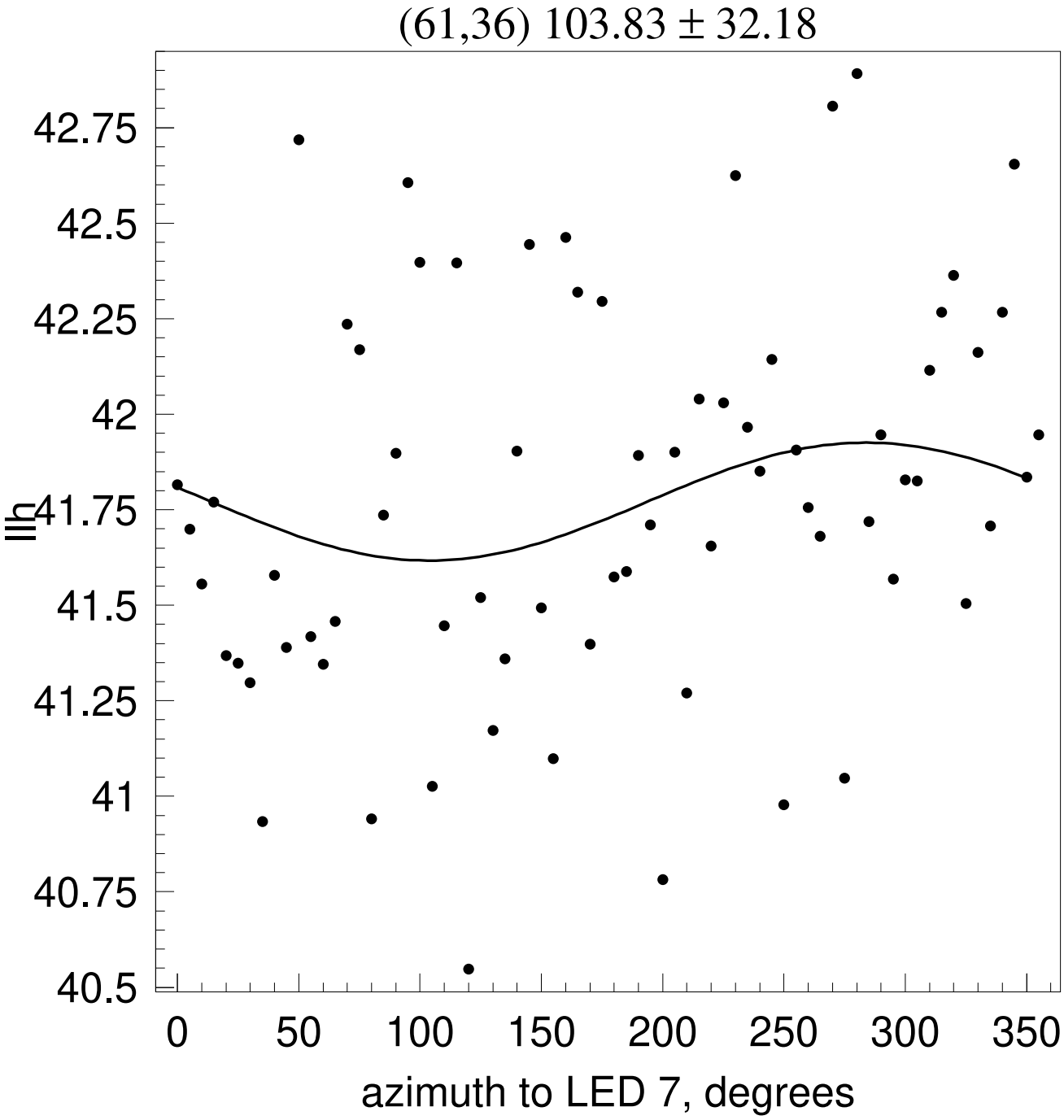

(61,31) 19.21 ± 0.13
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

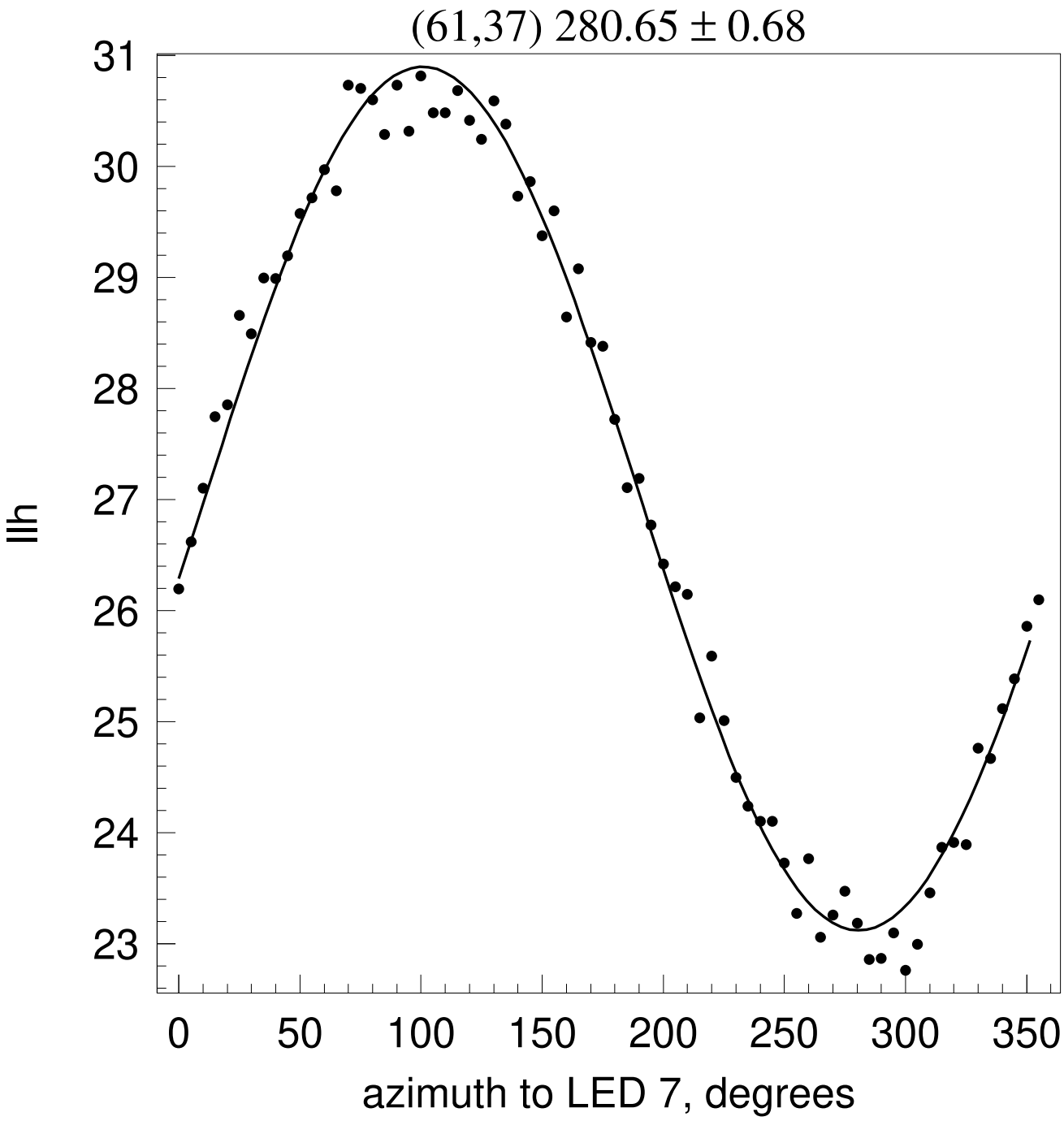

(61,32) 32.44 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

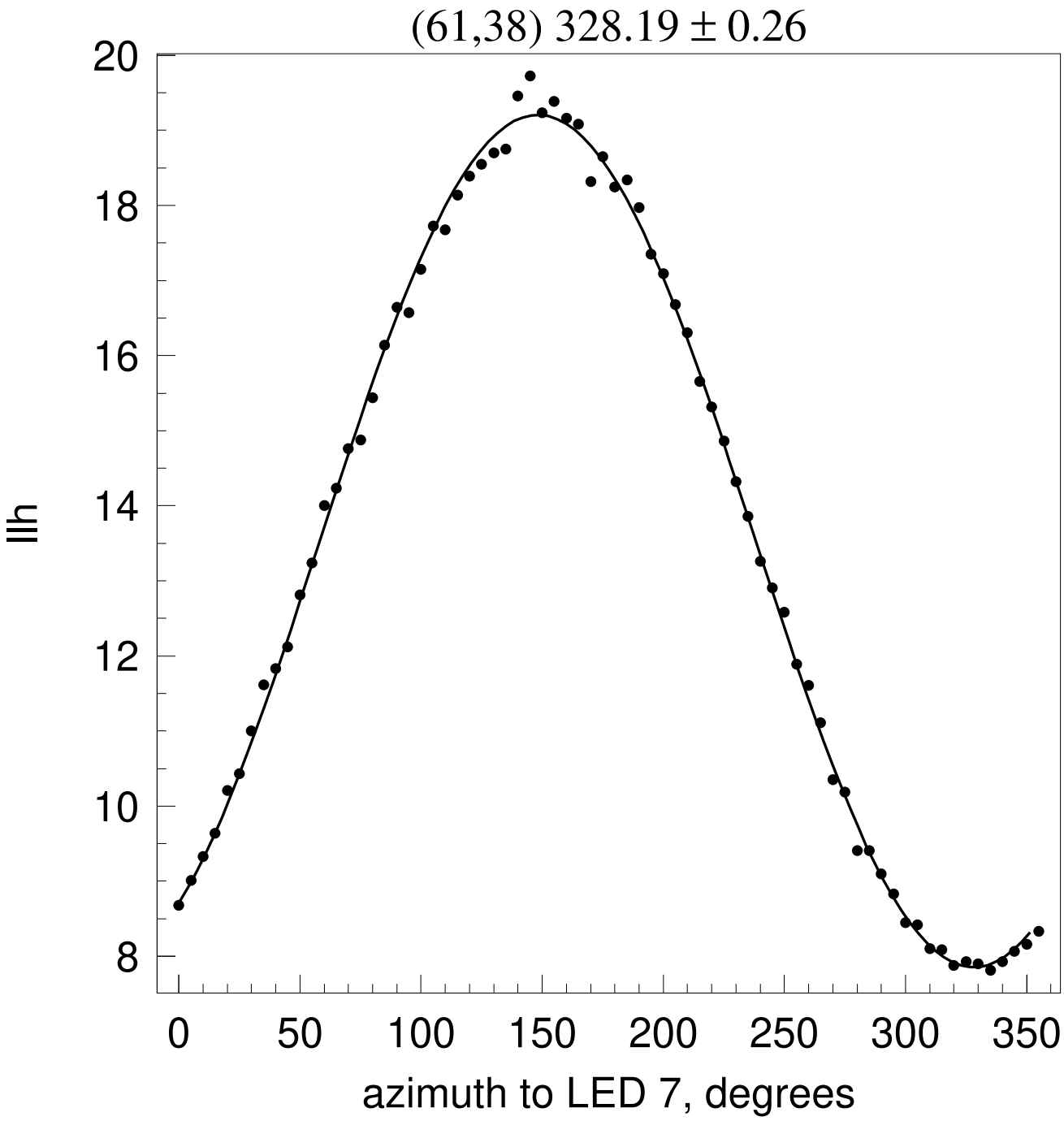

(61,33) 258.34 ± 0.25
36
34
32
30
28
26
24
22
20
18
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

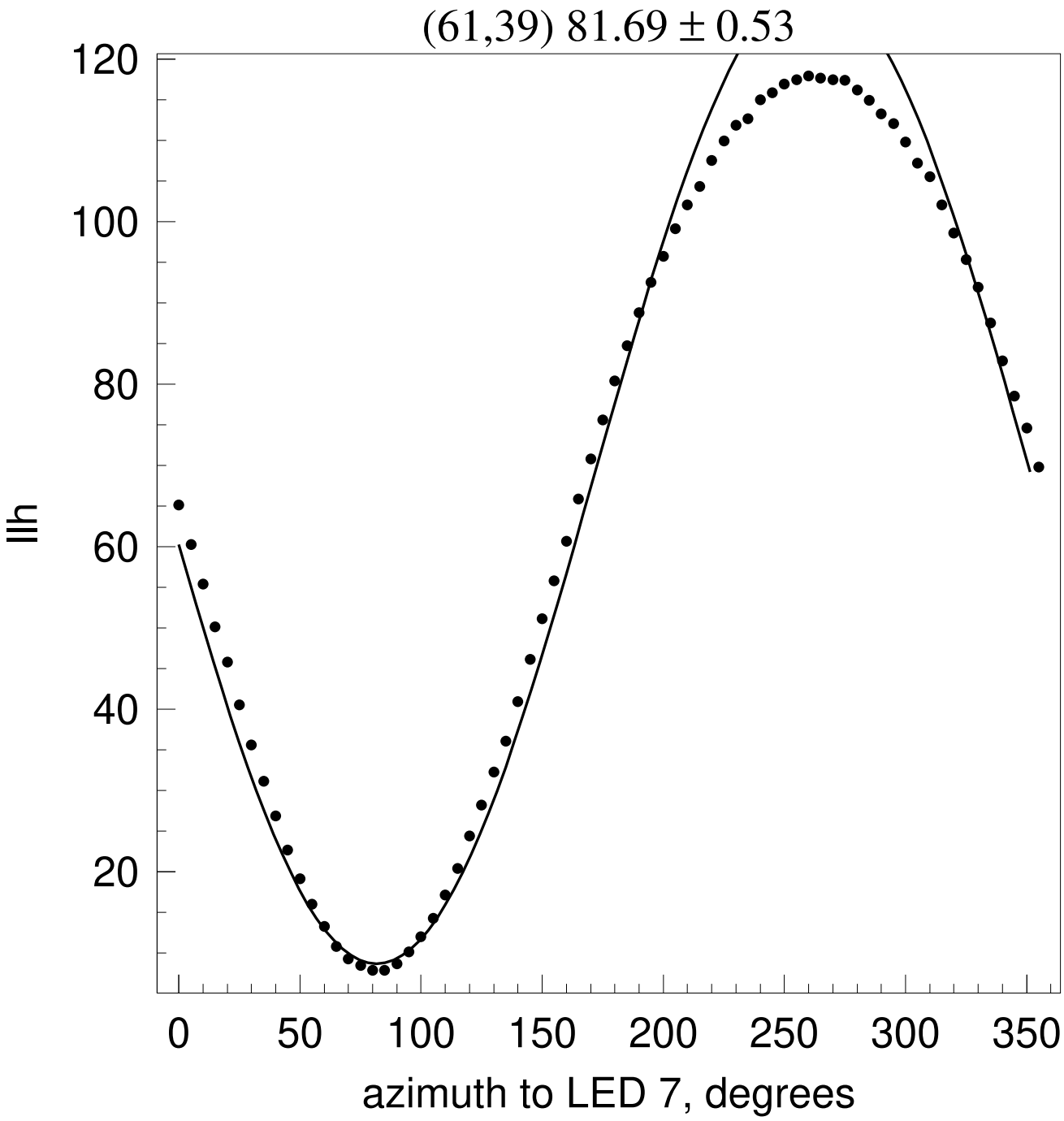

(61,34) 216.49 ± 0.49
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

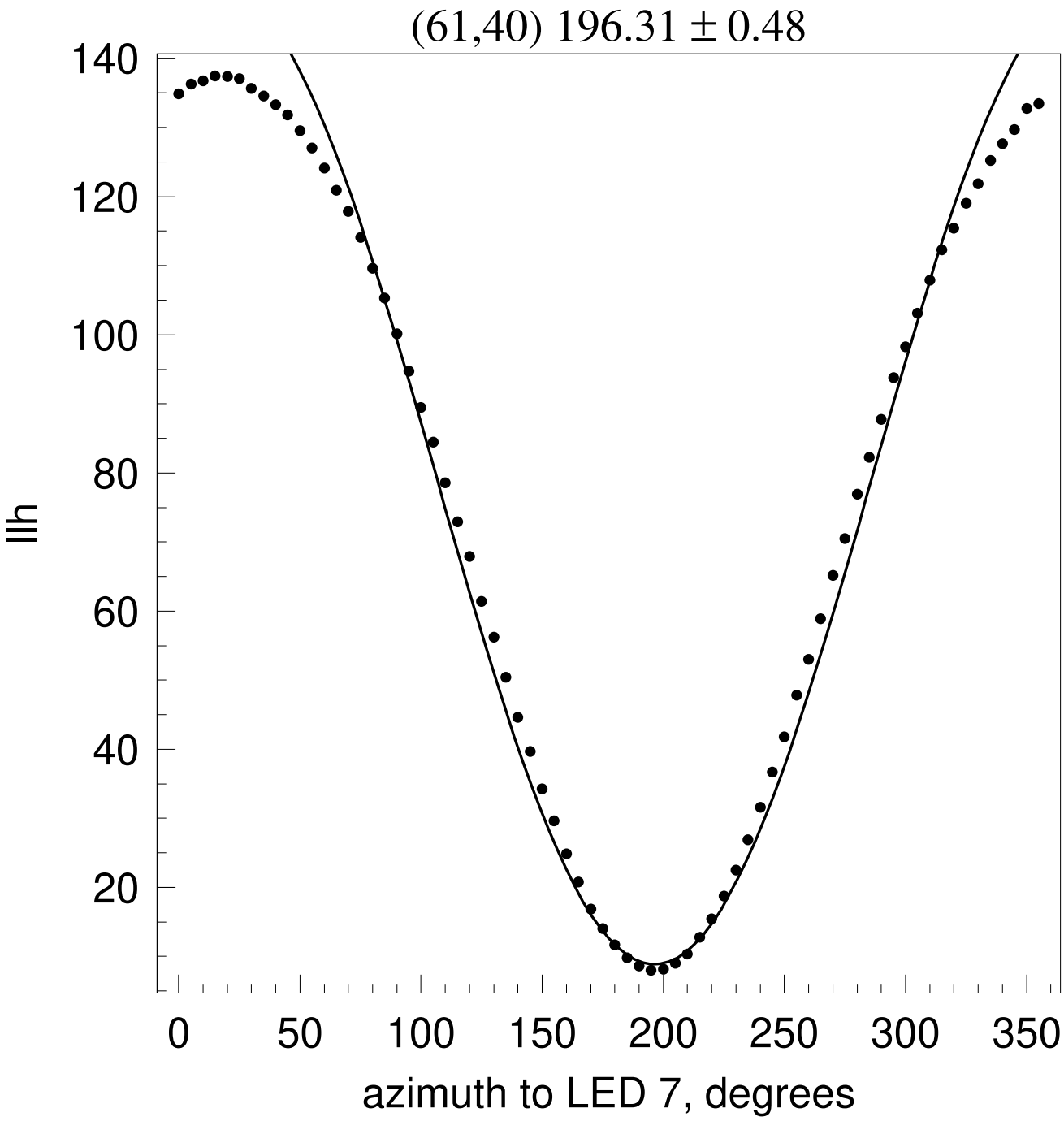

(61,35) 292.67 ± 6.78
34.5
34
33.5
33
32.5
32
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

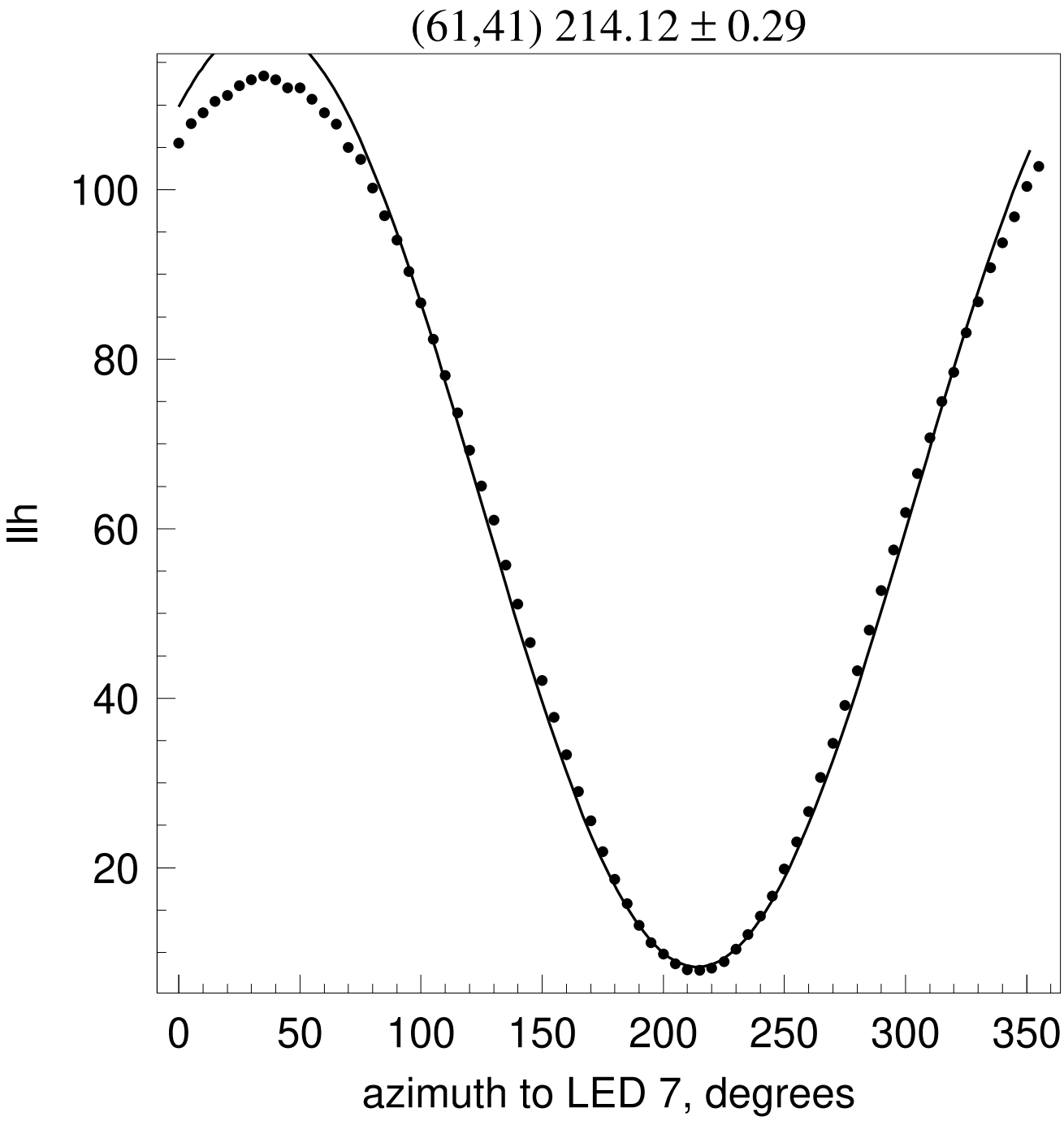

(61,36) 103.83 ± 32.18
42.75
42.5
42.25
42
41.75
41.5
41.25
41
40.75
40.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

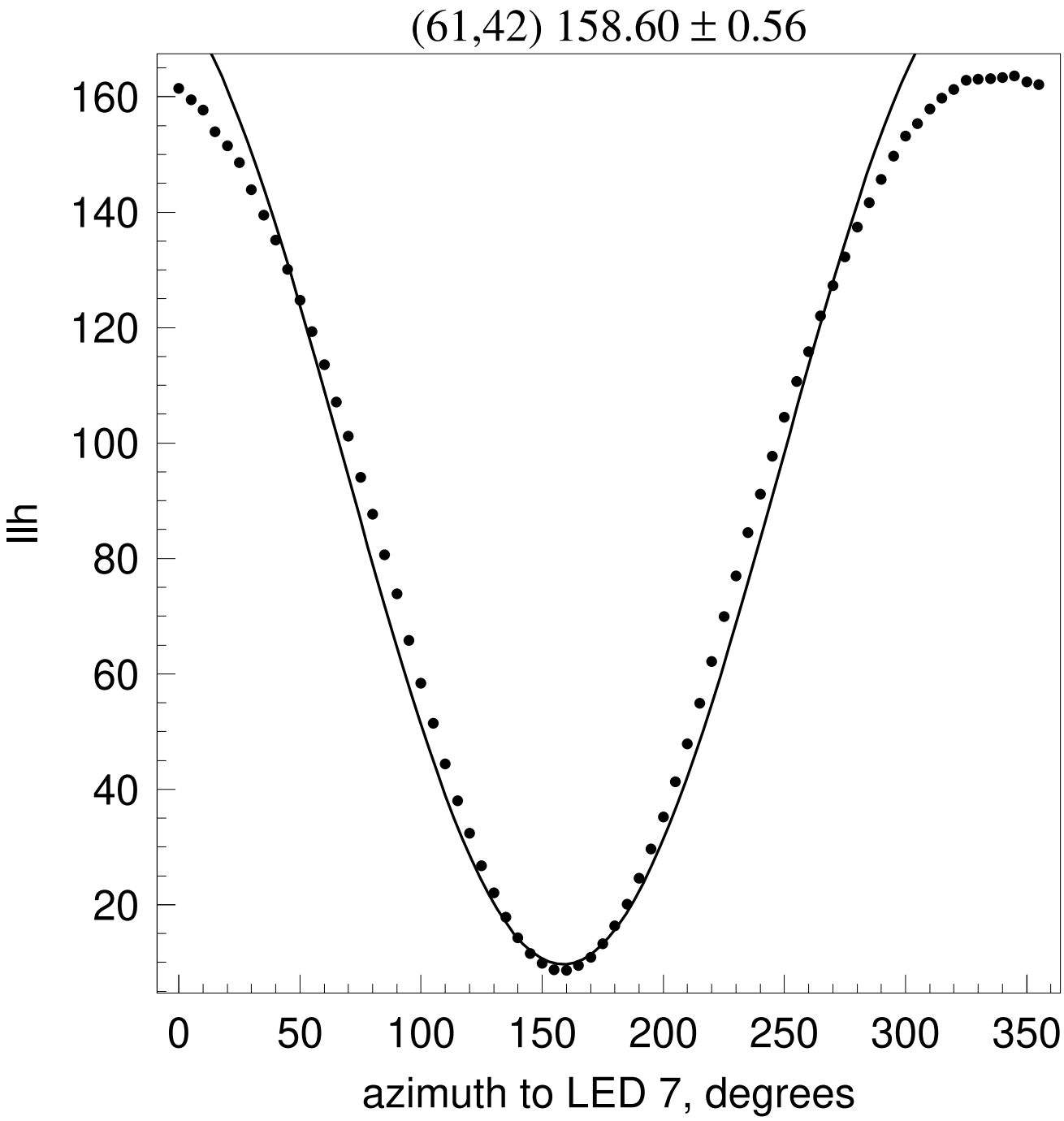

(61,37) 280.65 ± 0.68
31
30
29
28
27
26
25
24
23
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

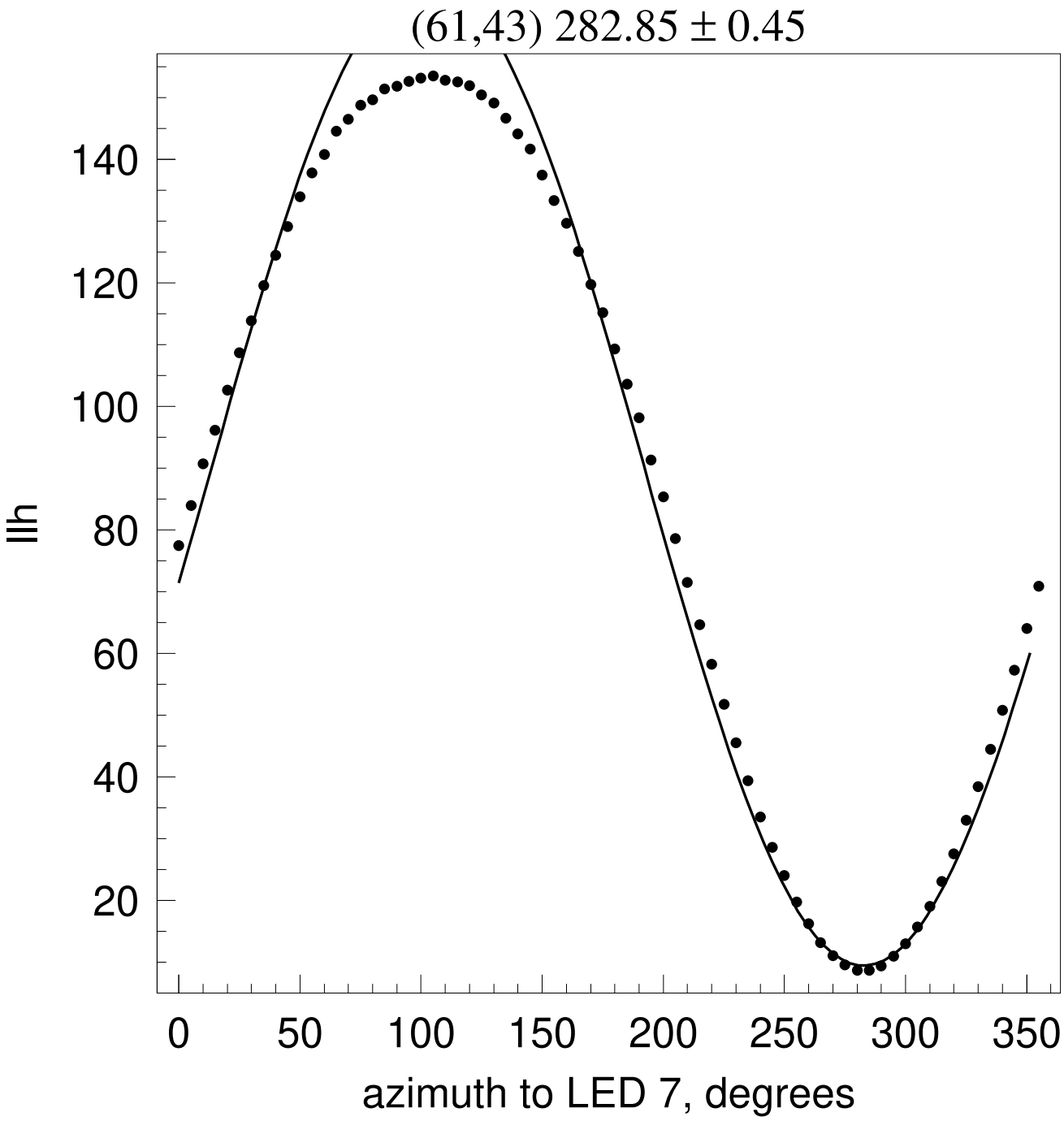

(61,38) 328.19 ± 0.26
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

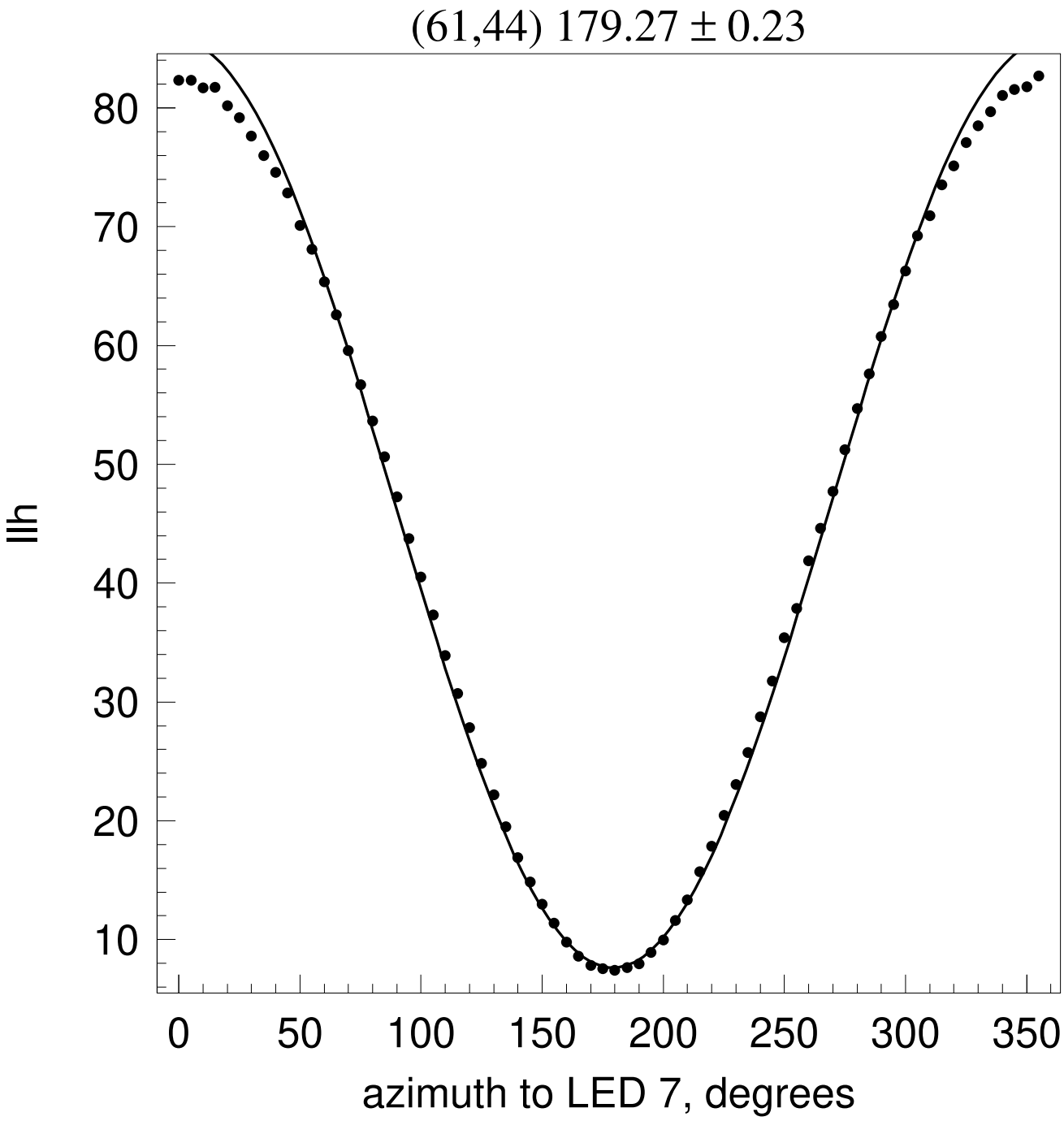

(61,39) 81.69 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

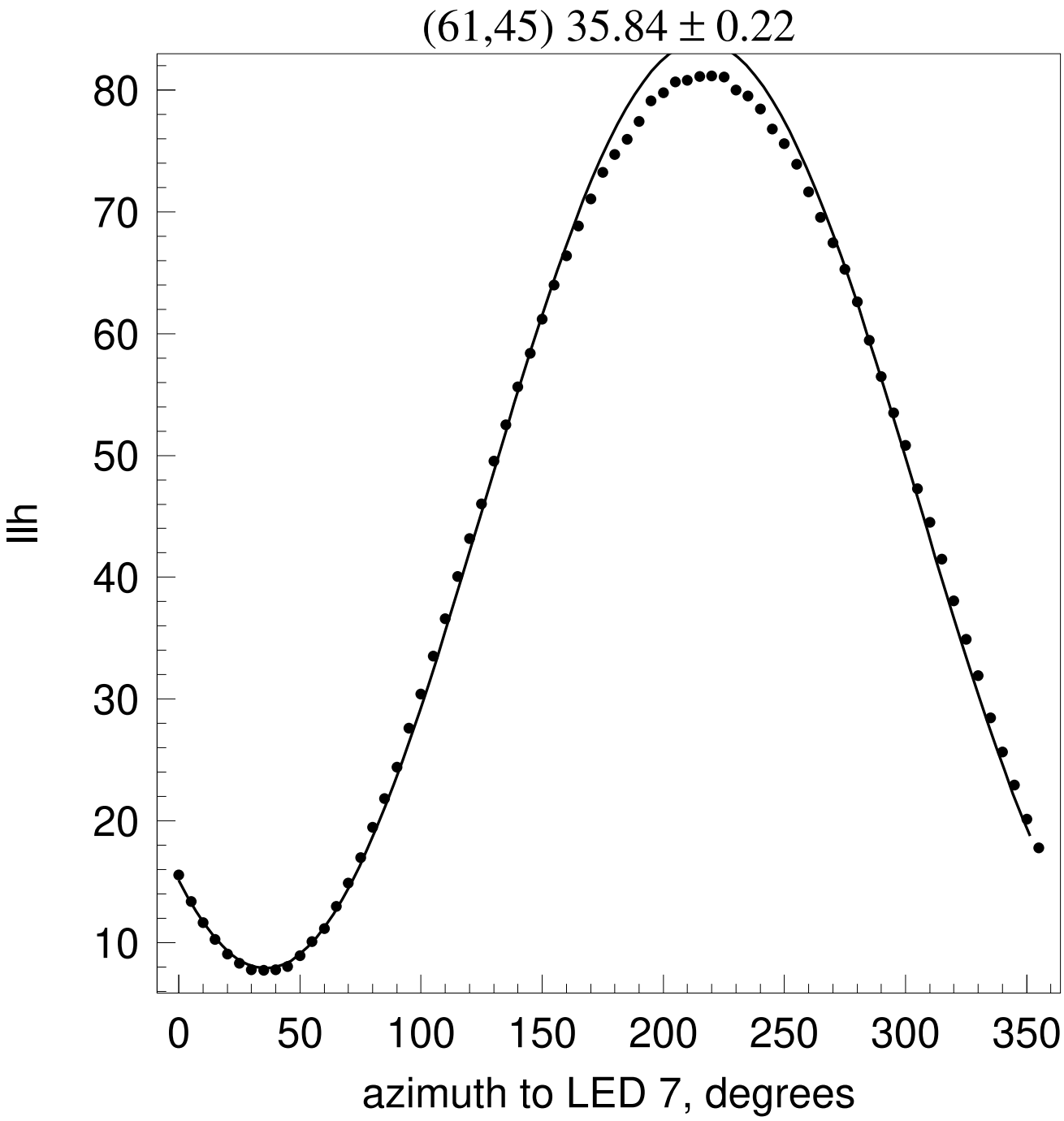

(61,40) 196.31 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

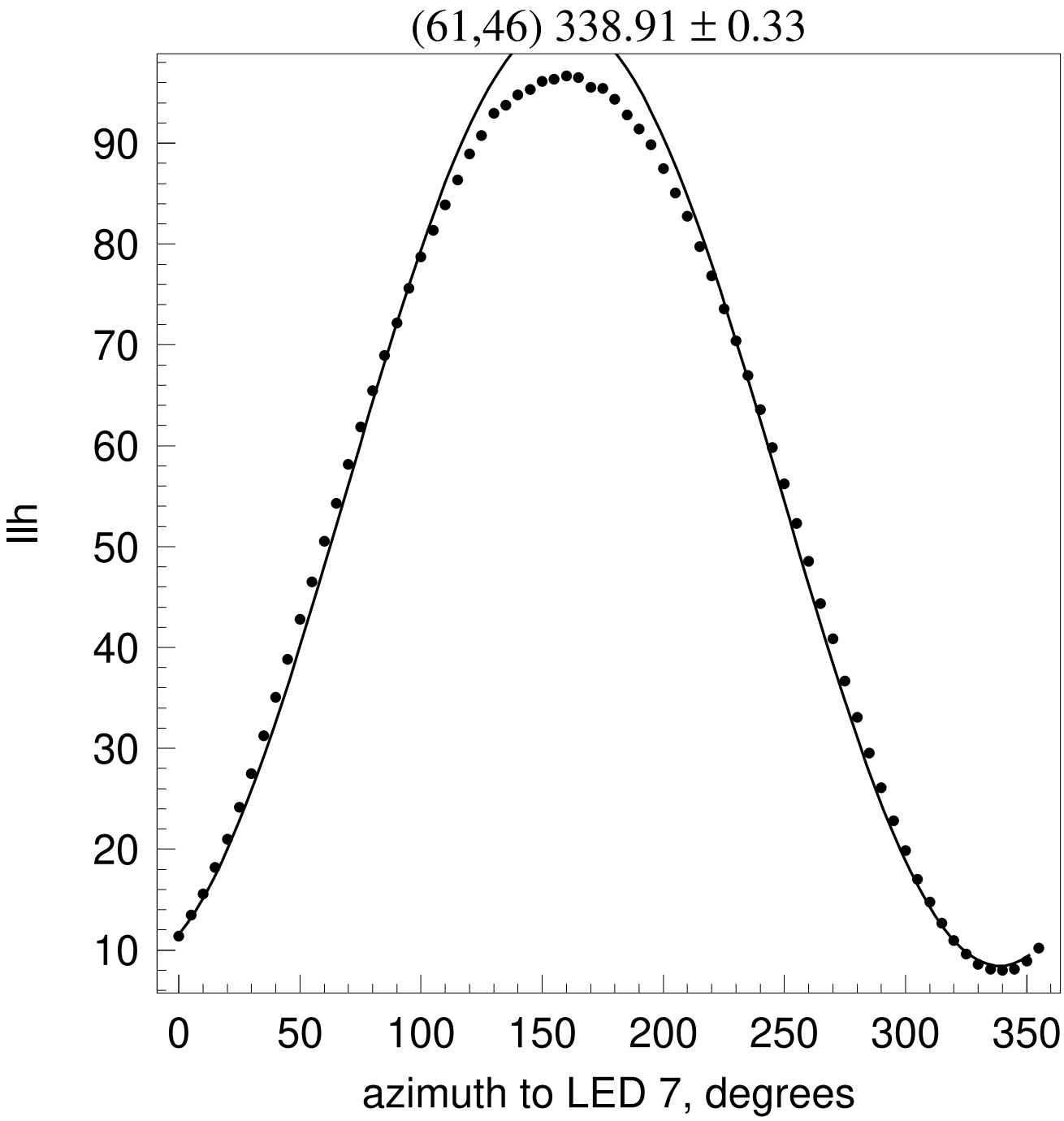

(61,41) 214.12 ± 0.29
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

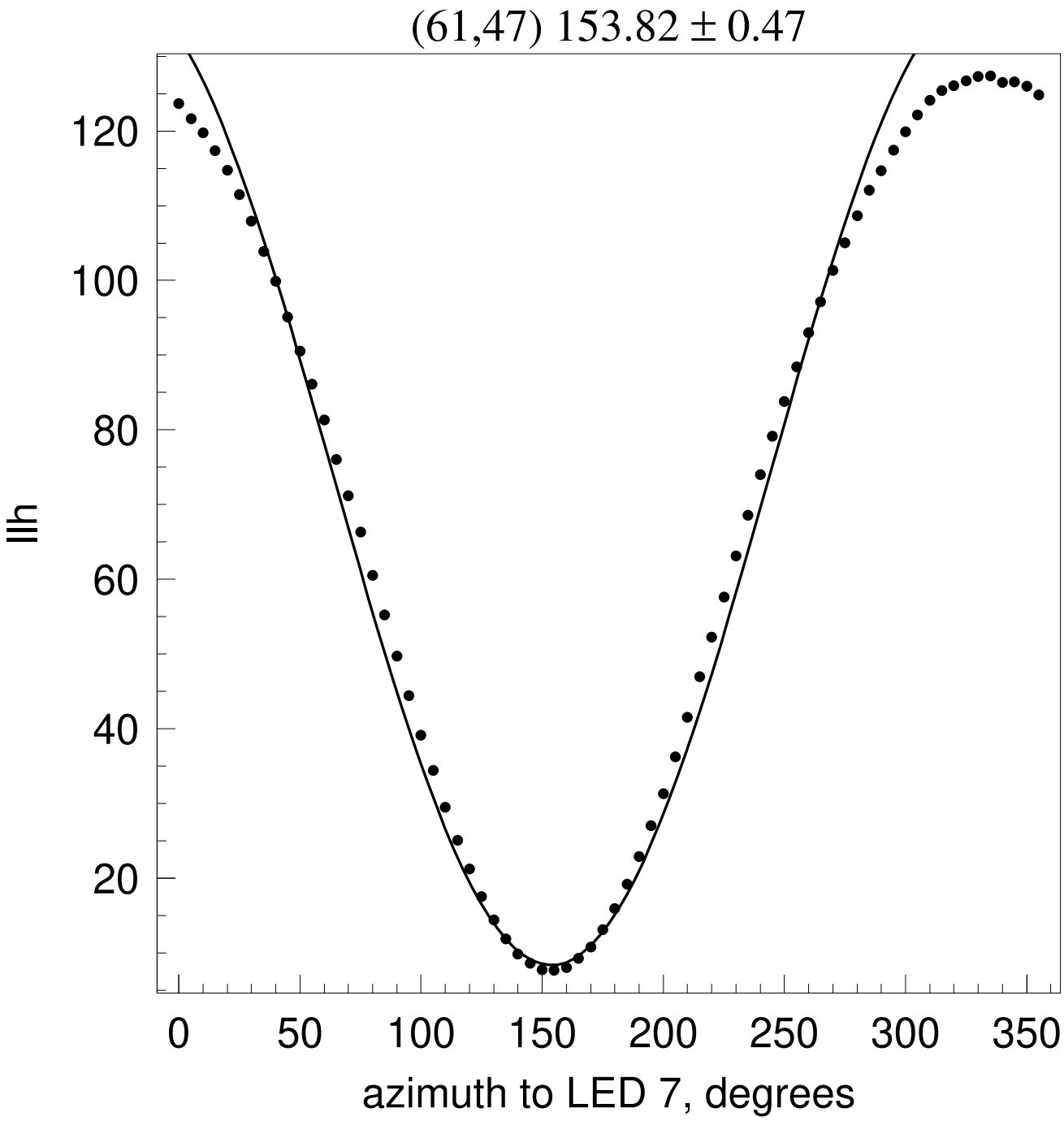

(61,42) 158.60 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

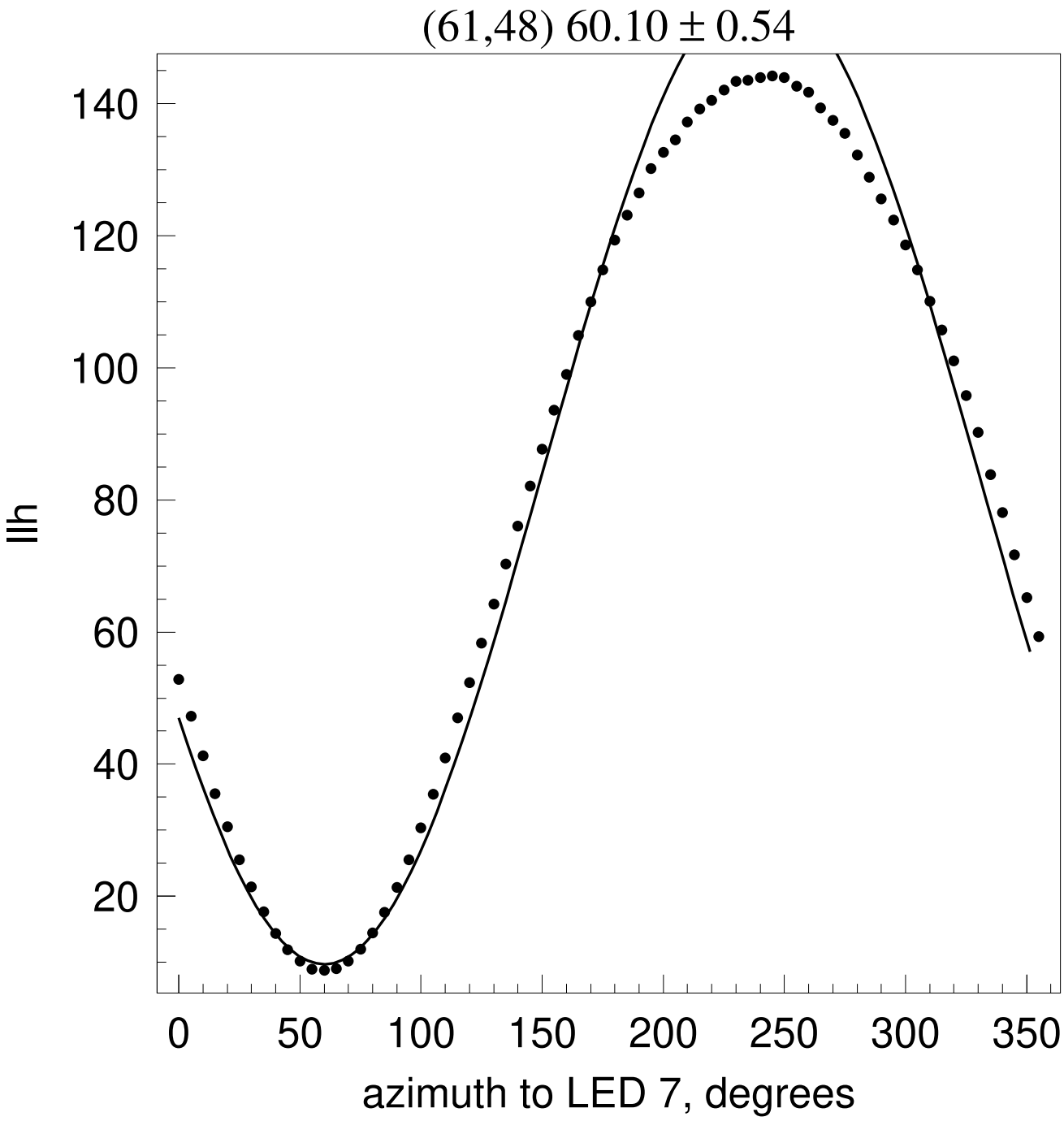

(61,43) 282.85 ± 0.45
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

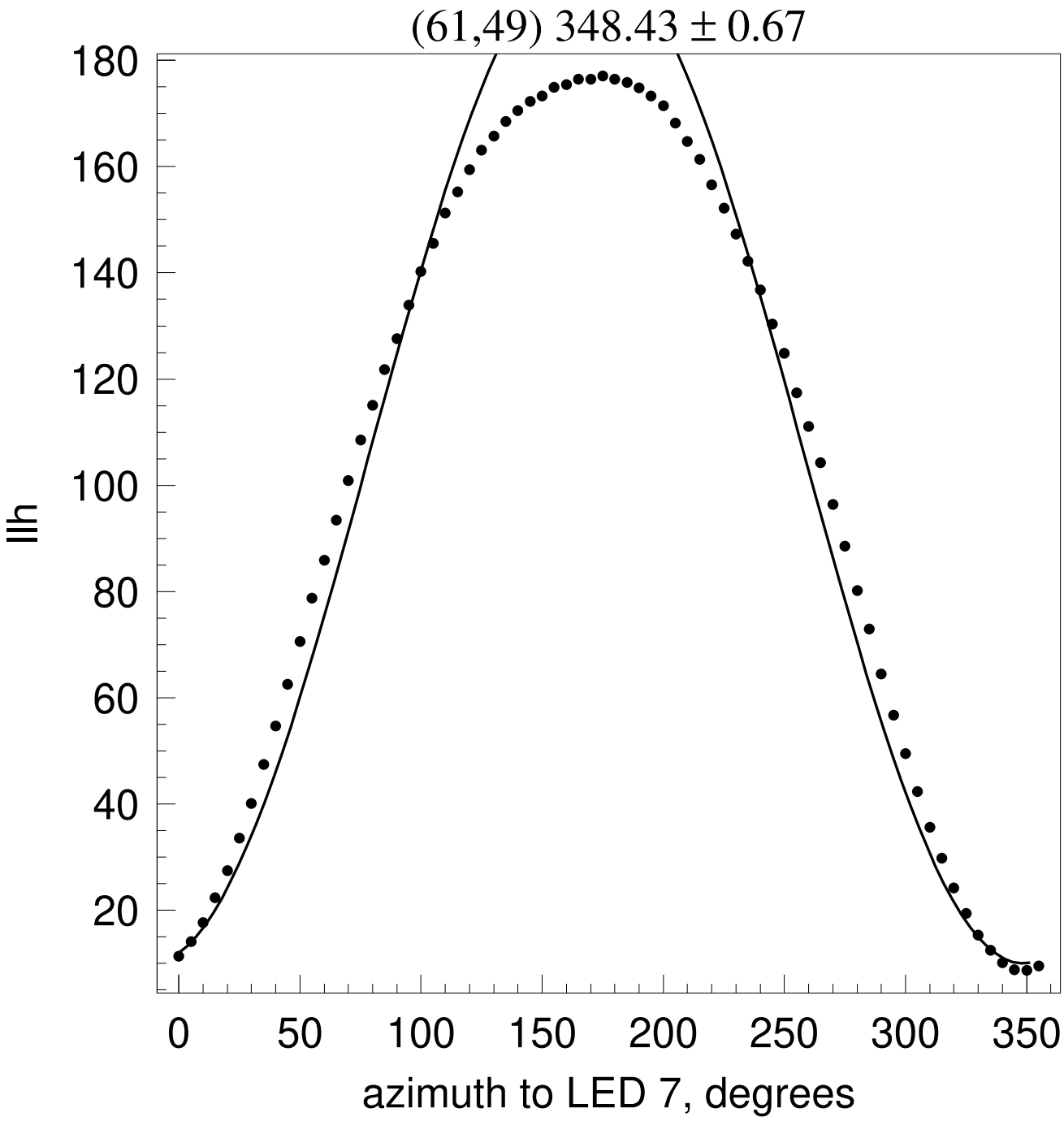

(61,44) 179.27 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

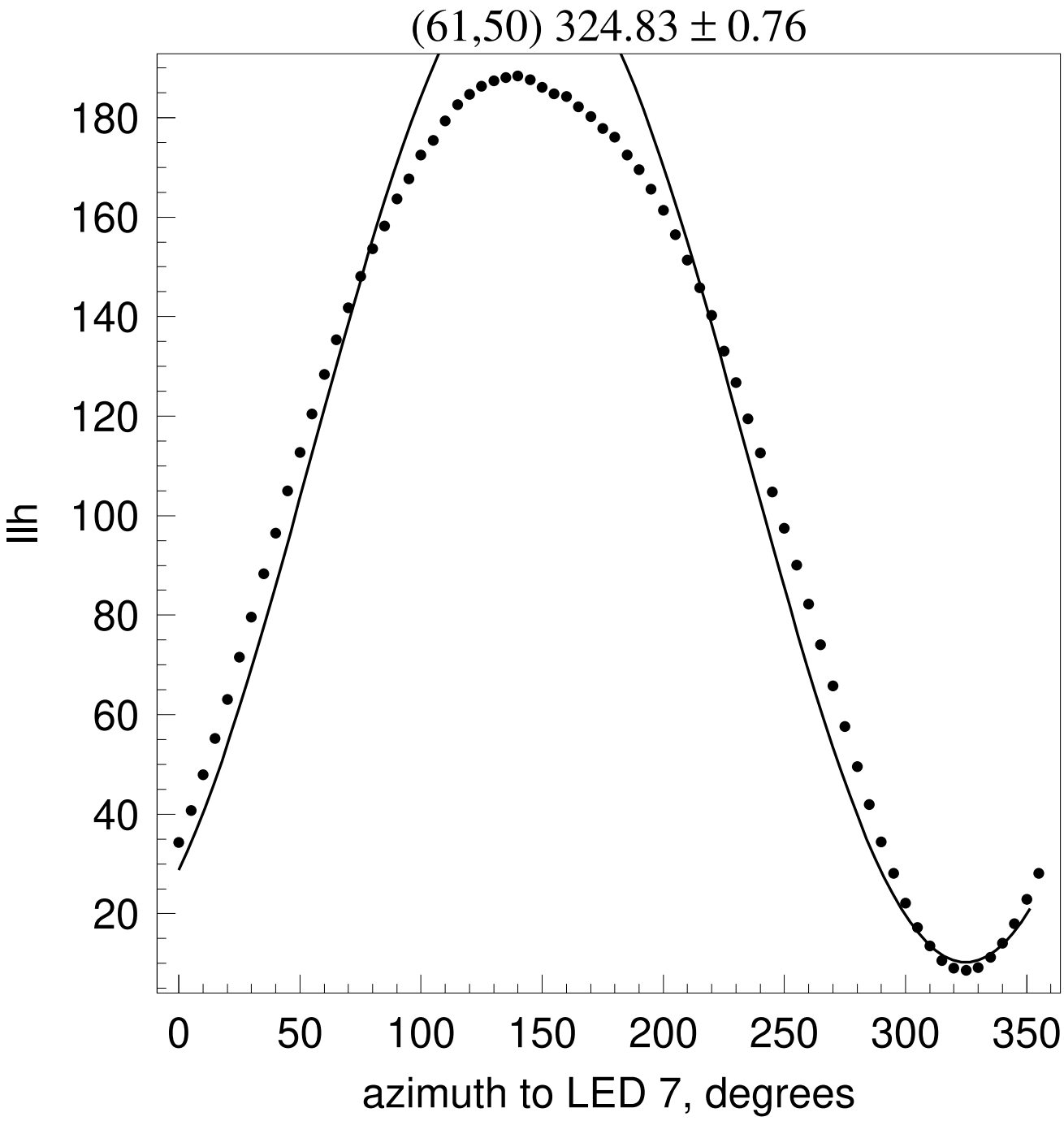

(61,45) 35.84 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

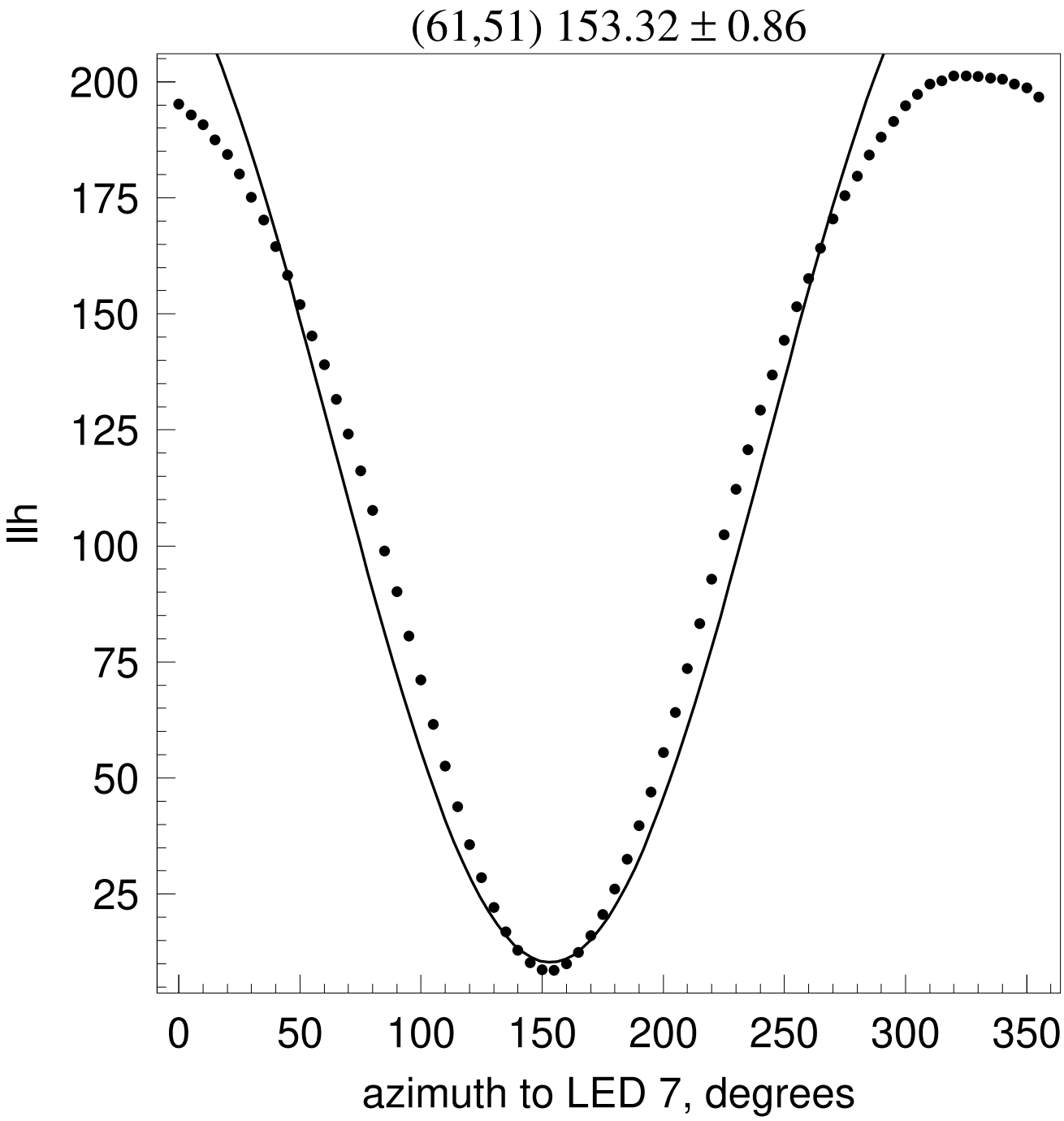

(61,46) 338.91 ± 0.33
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

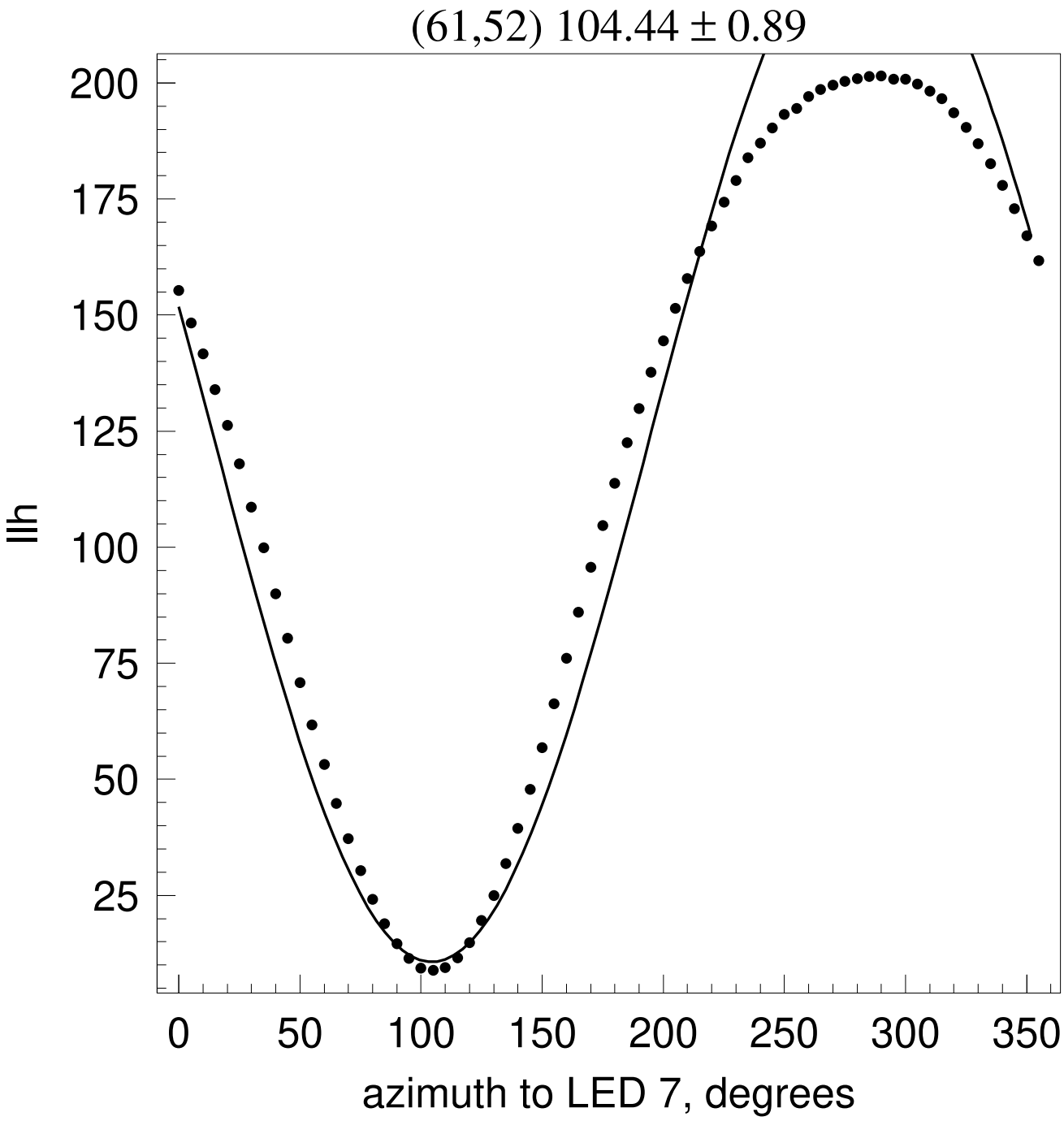

(61,47) 153.82 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

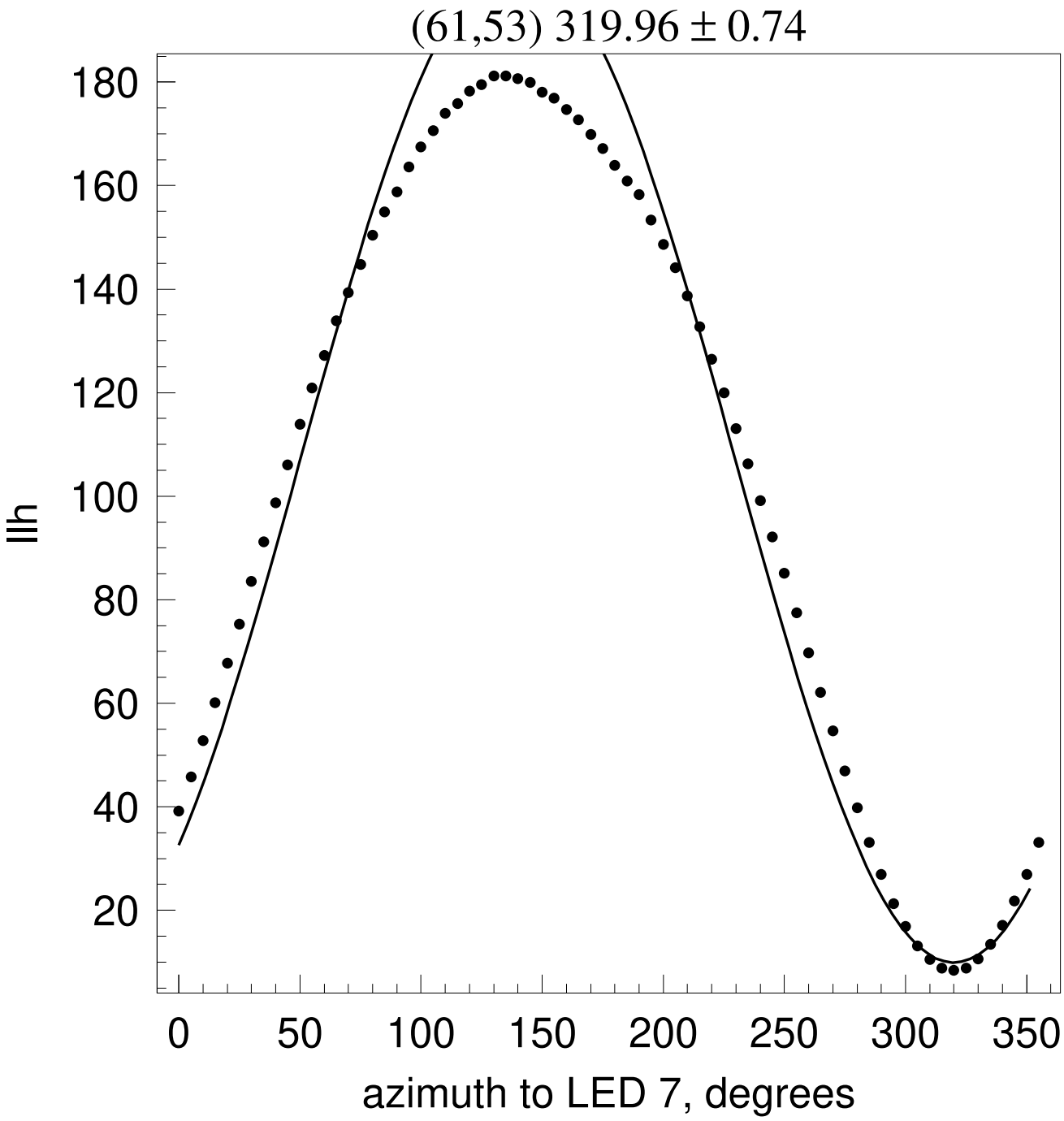

(61,48) 60.10 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

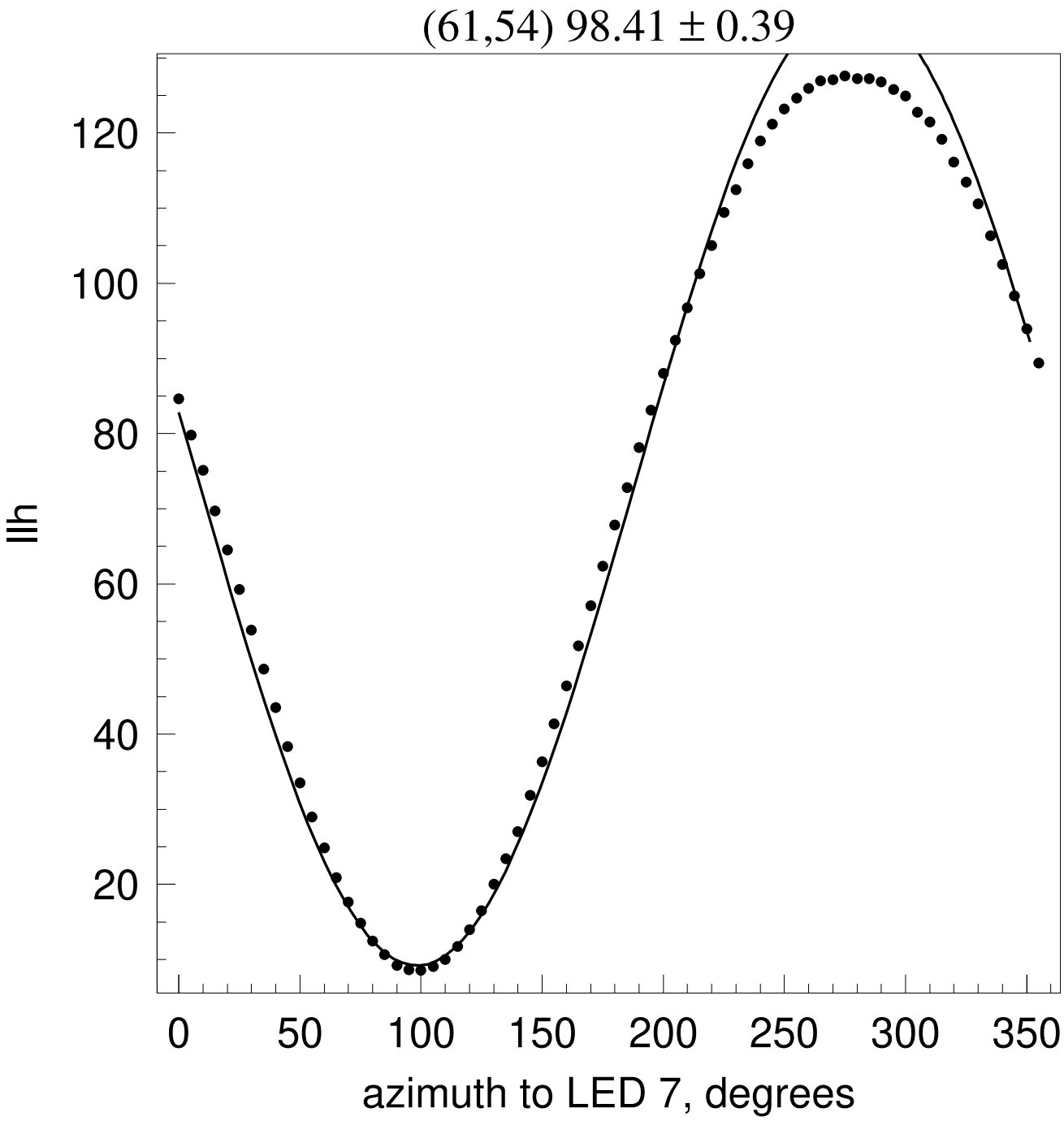

(61,49) 348.43 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

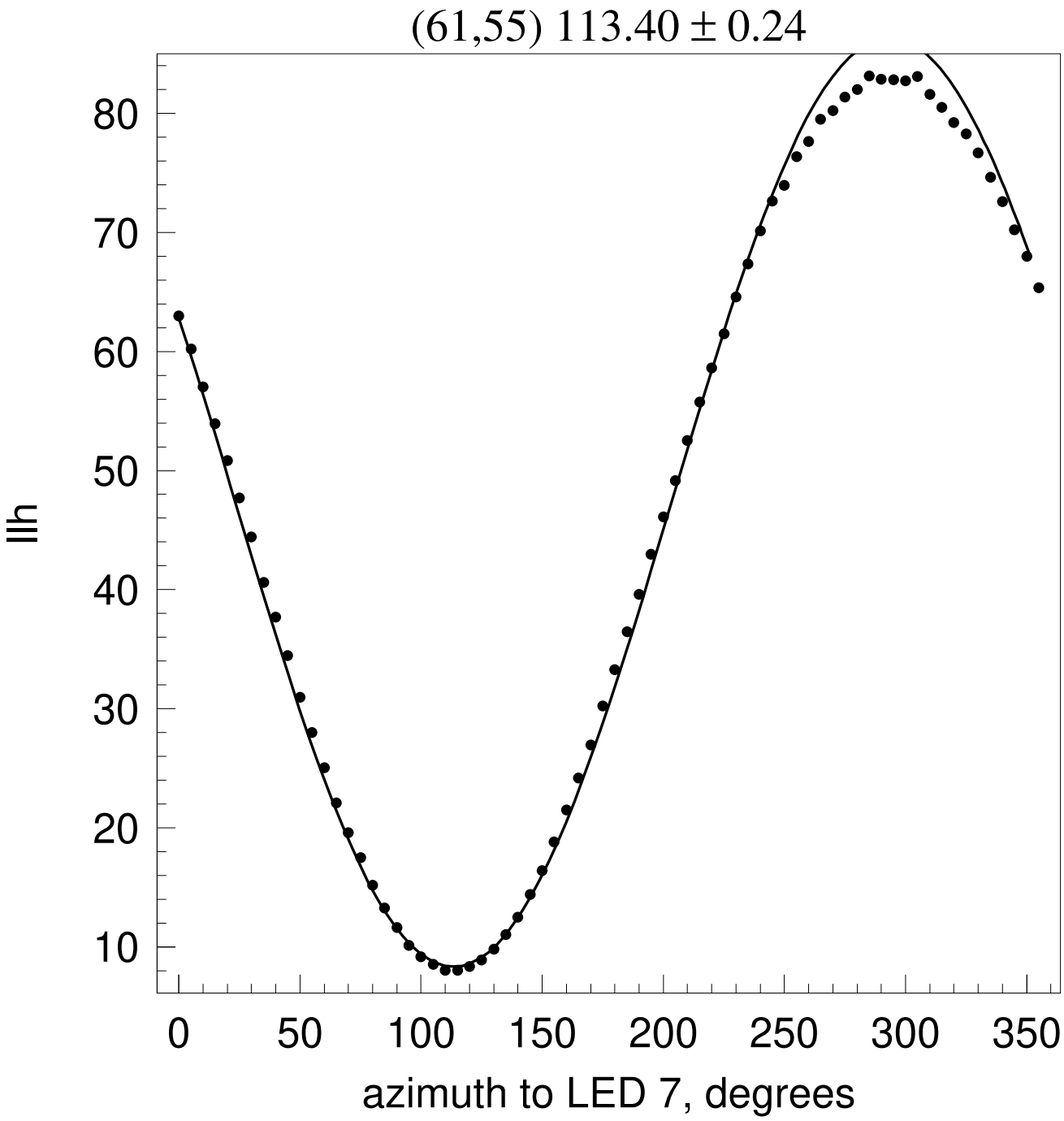

(61,50) 324.83 ± 0.76
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

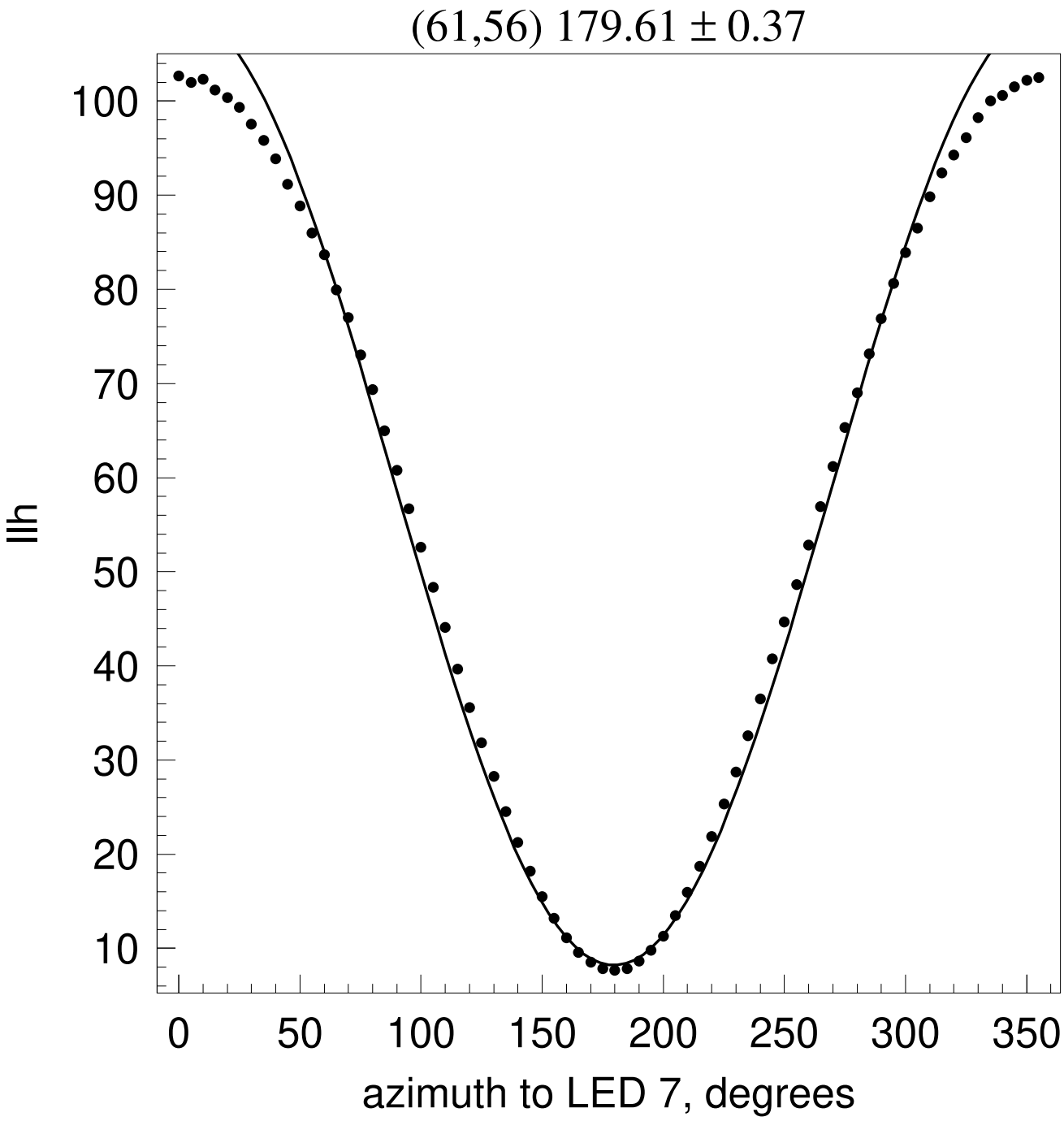

(61,51) 153.32 ± 0.86
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

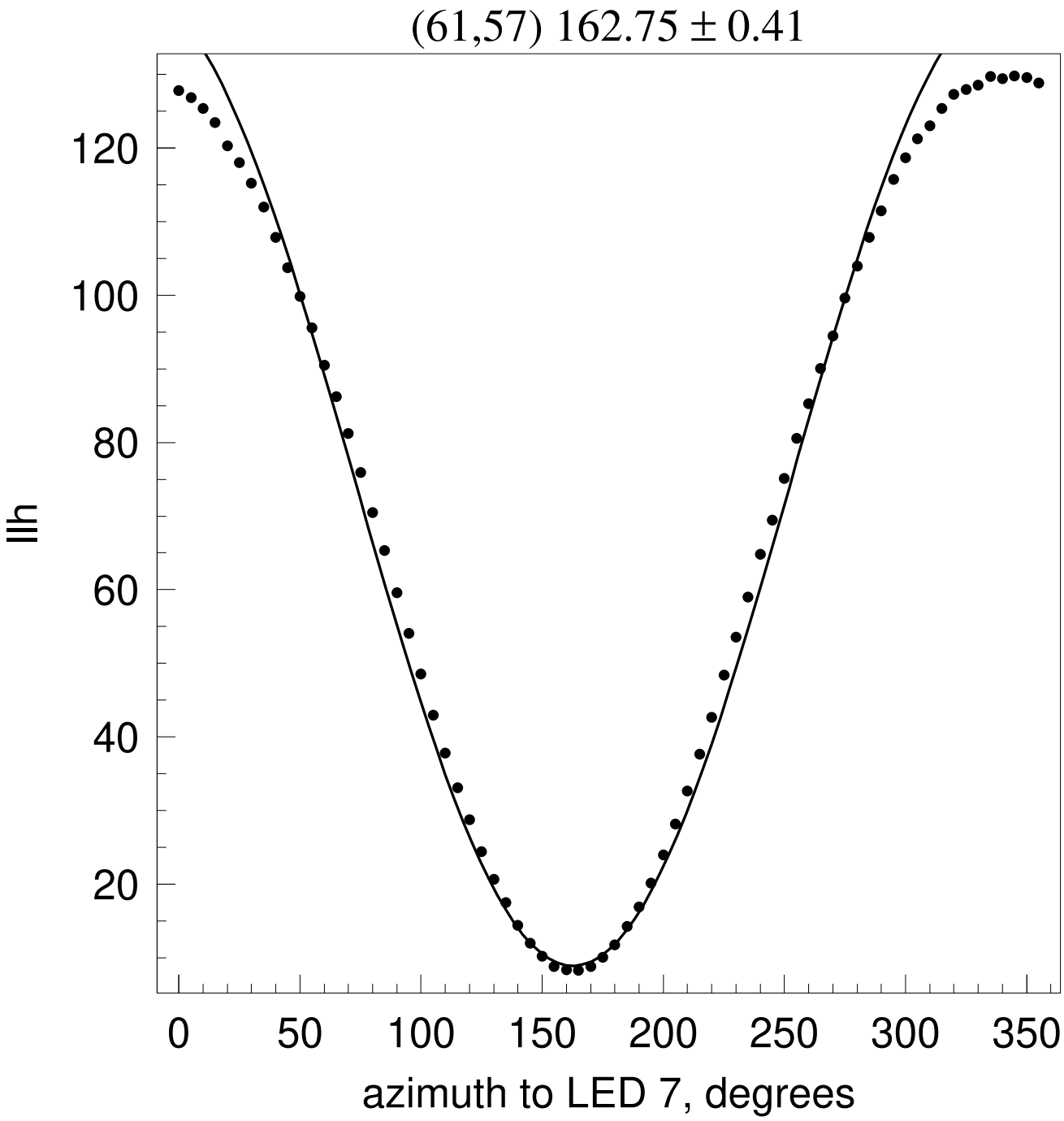

(61,52) 104.44 ± 0.89
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

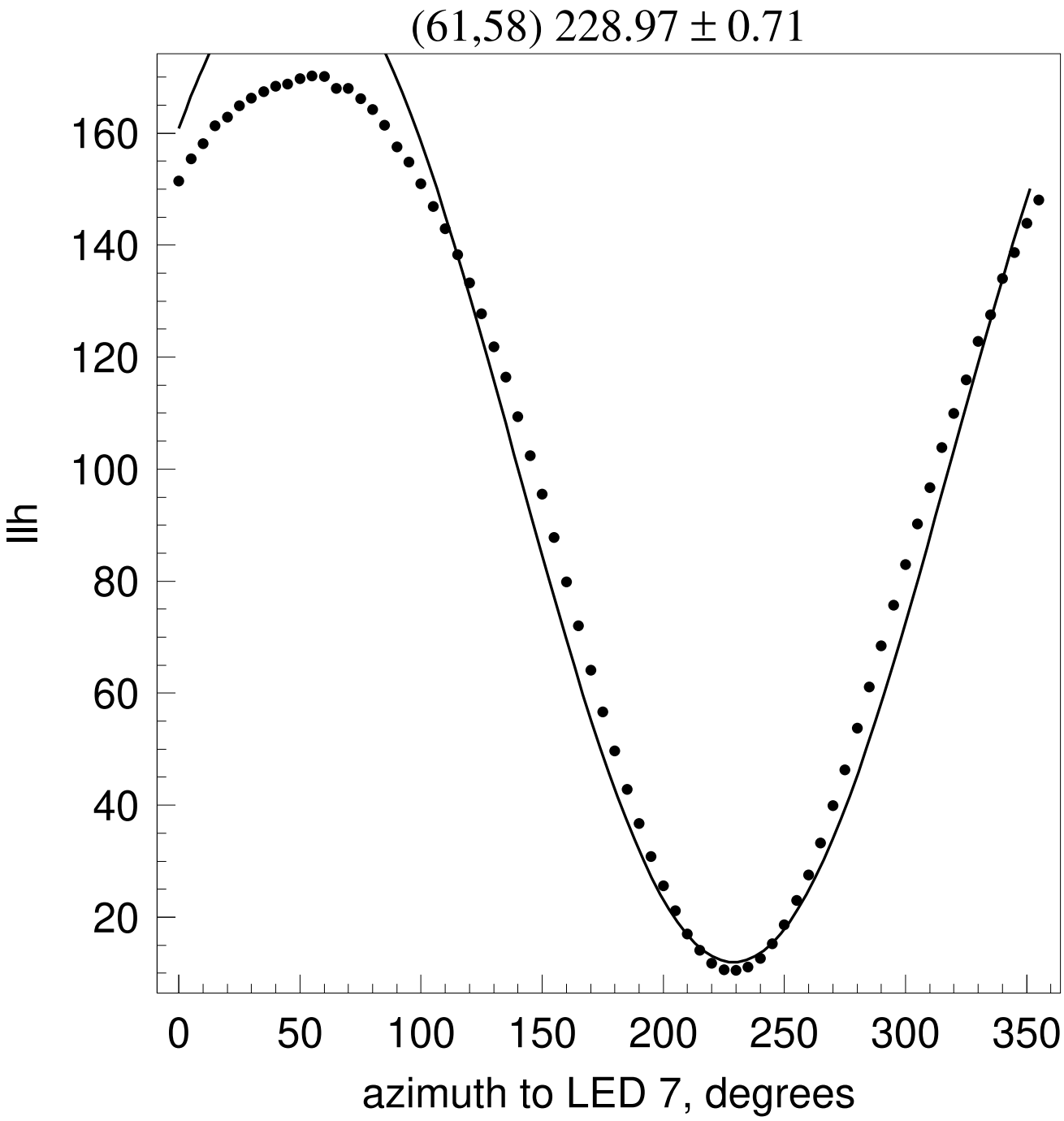

(61,53) 319.96 ± 0.74
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

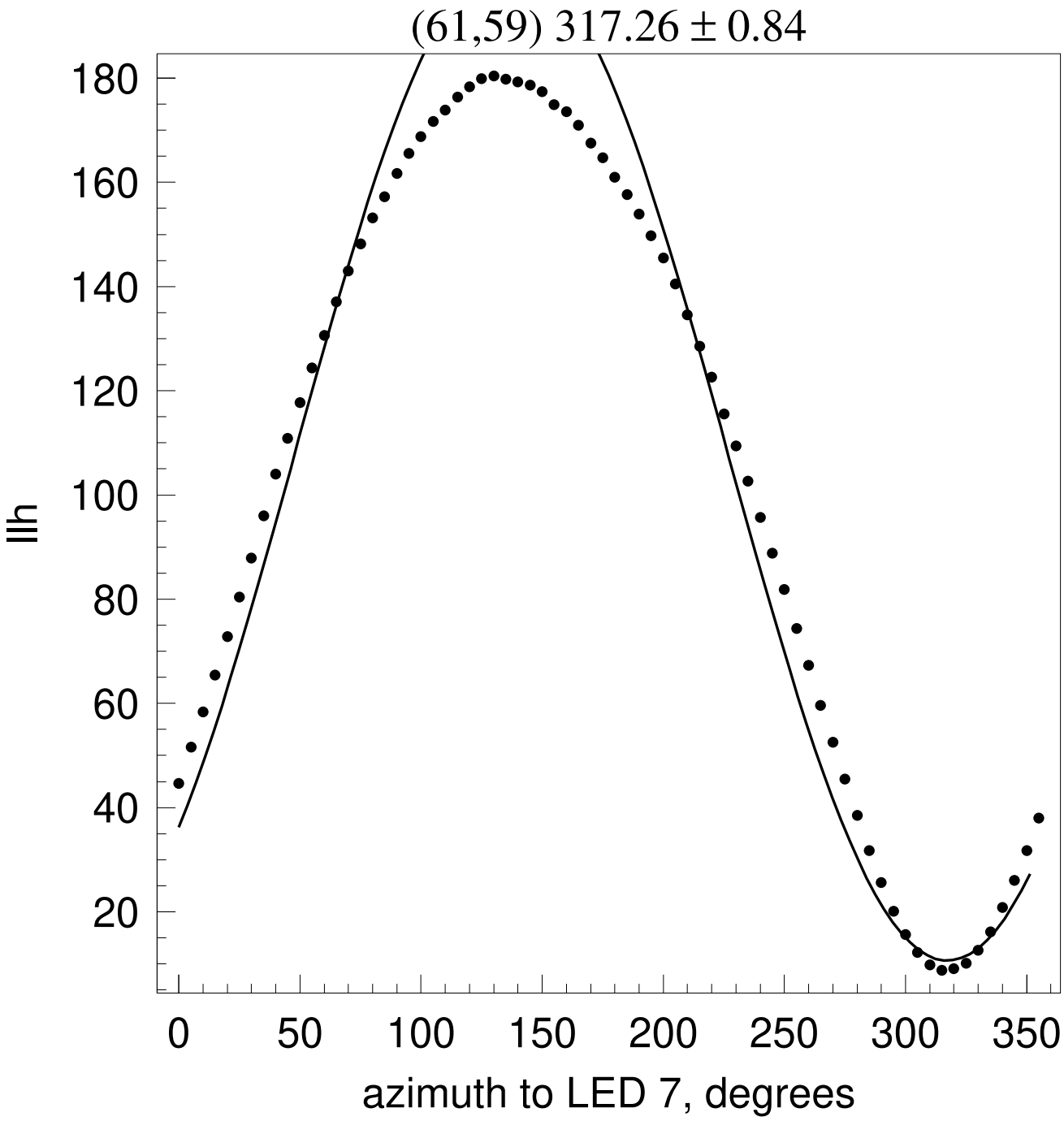

(61,54) 98.41 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

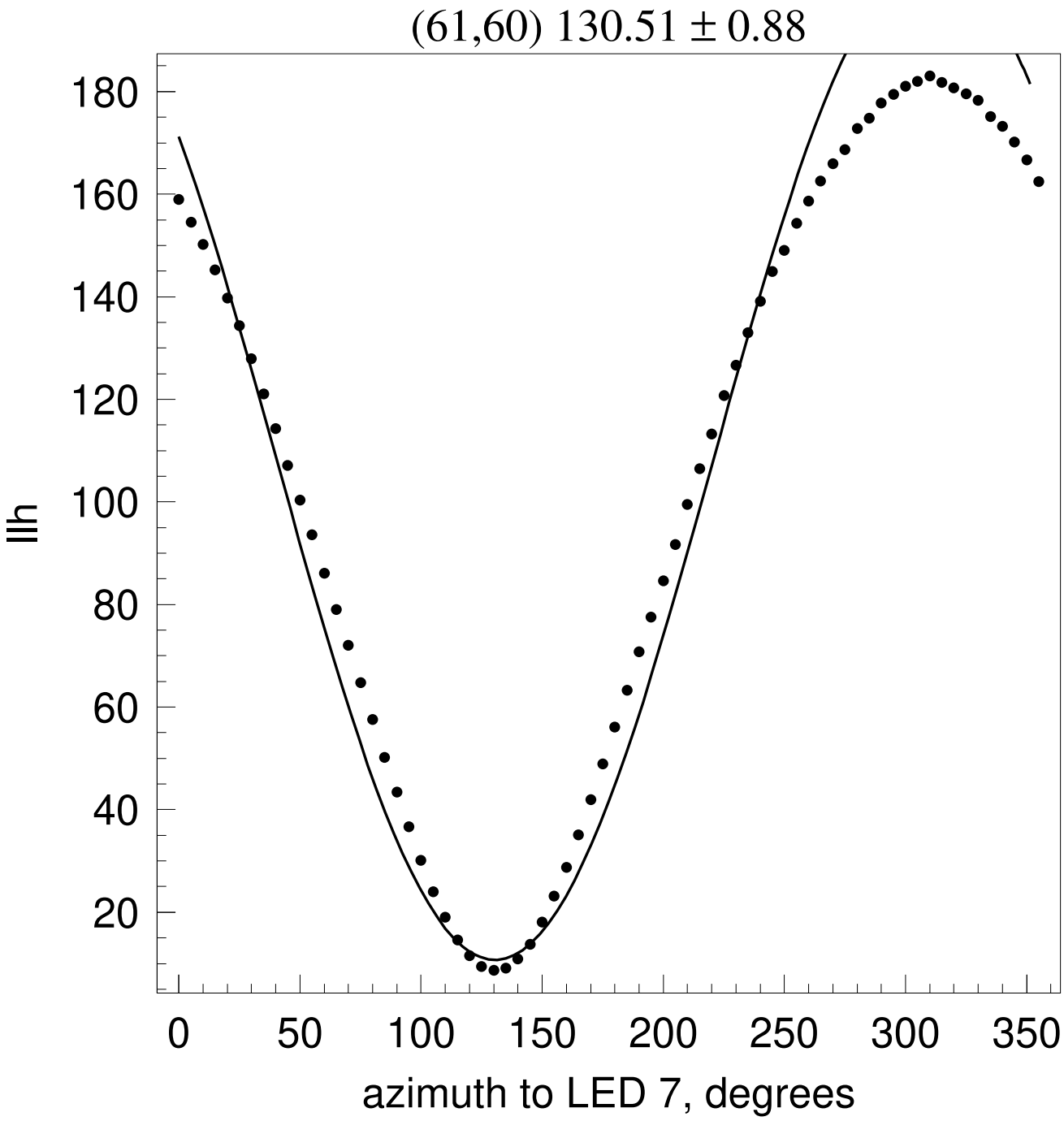

(61,55) 113.40 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

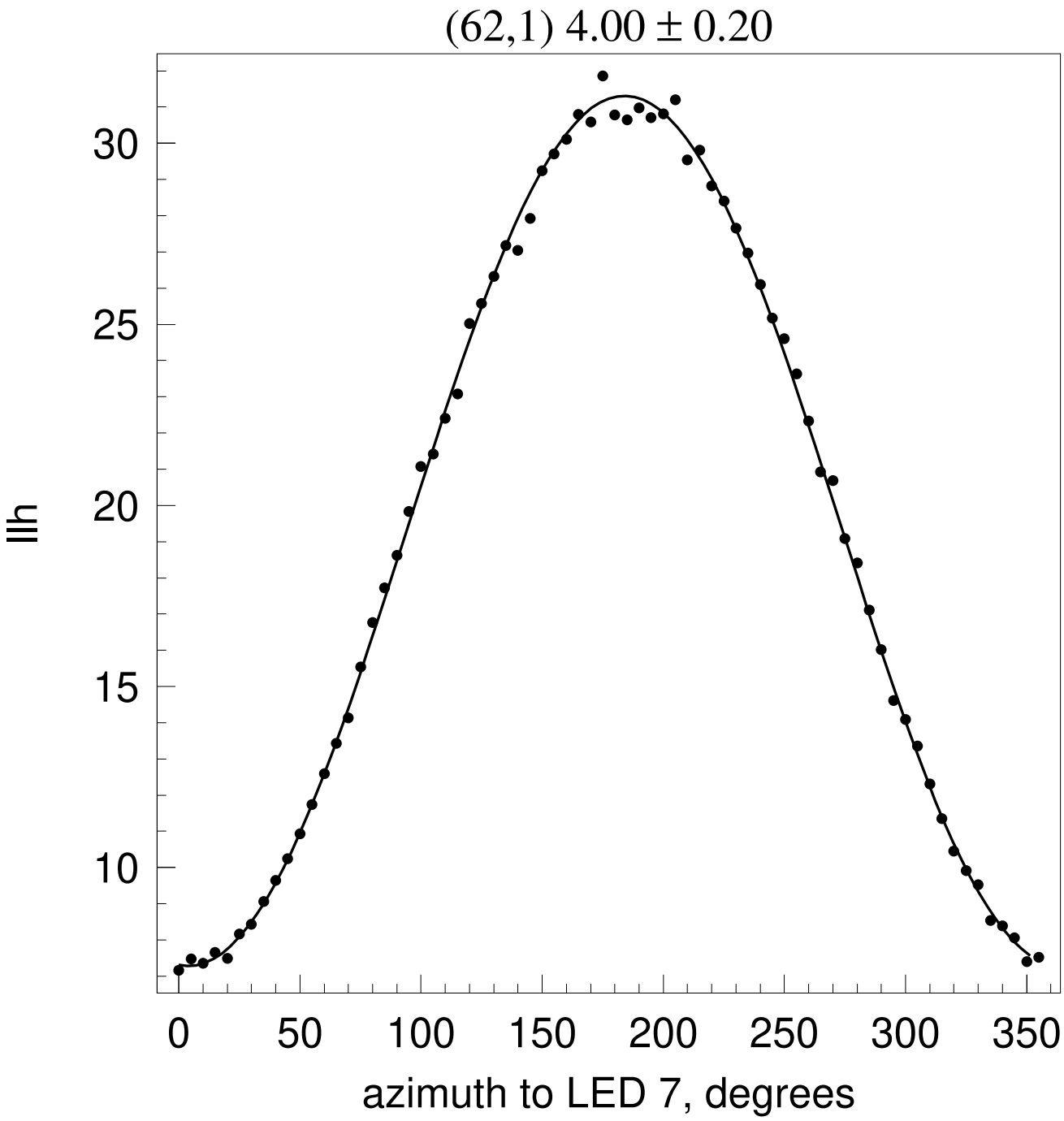

(61,56) 179.61 ± 0.37
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

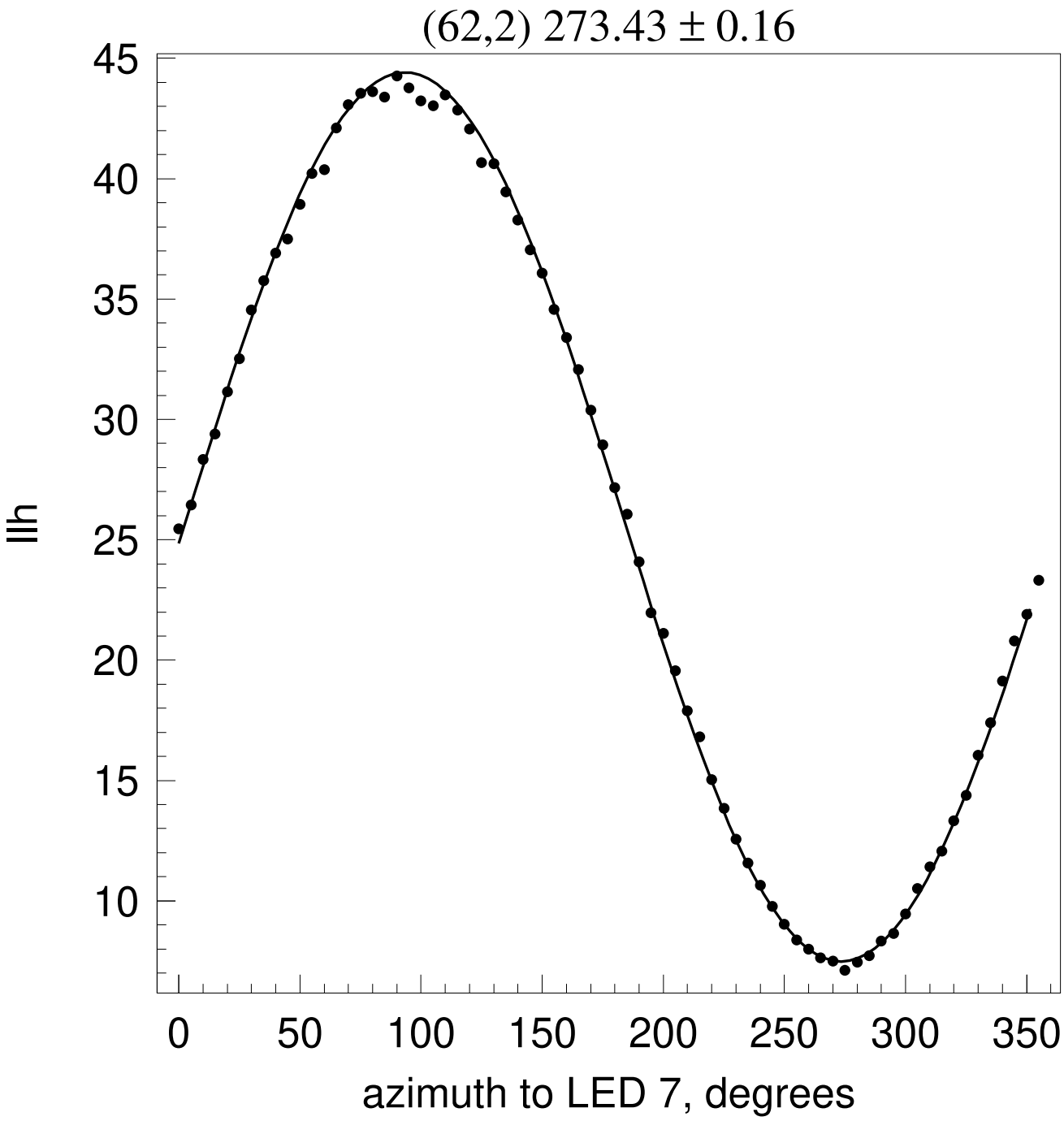

(61,57) 162.75 ± 0.41
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

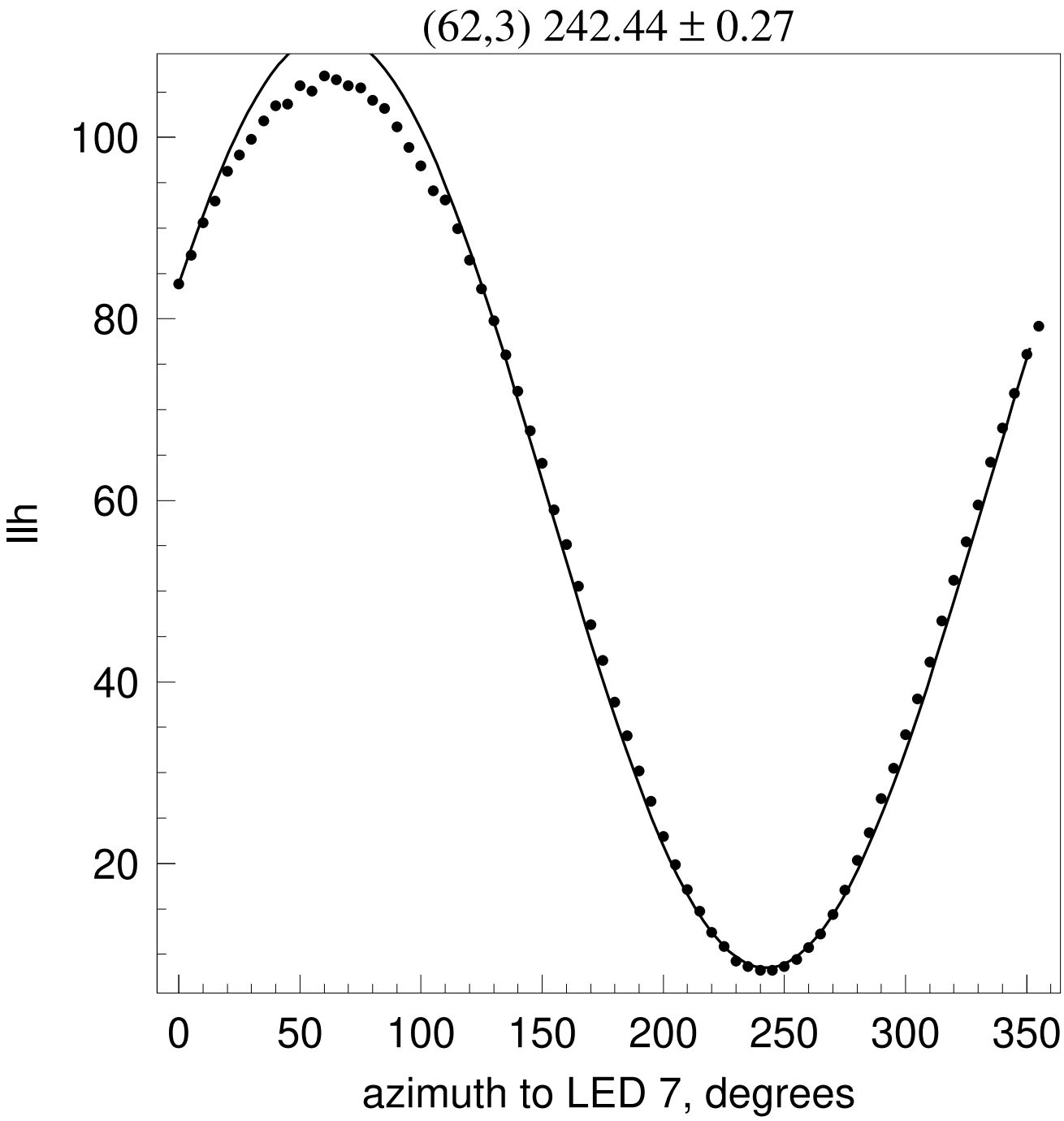

(61,58) 228.97 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

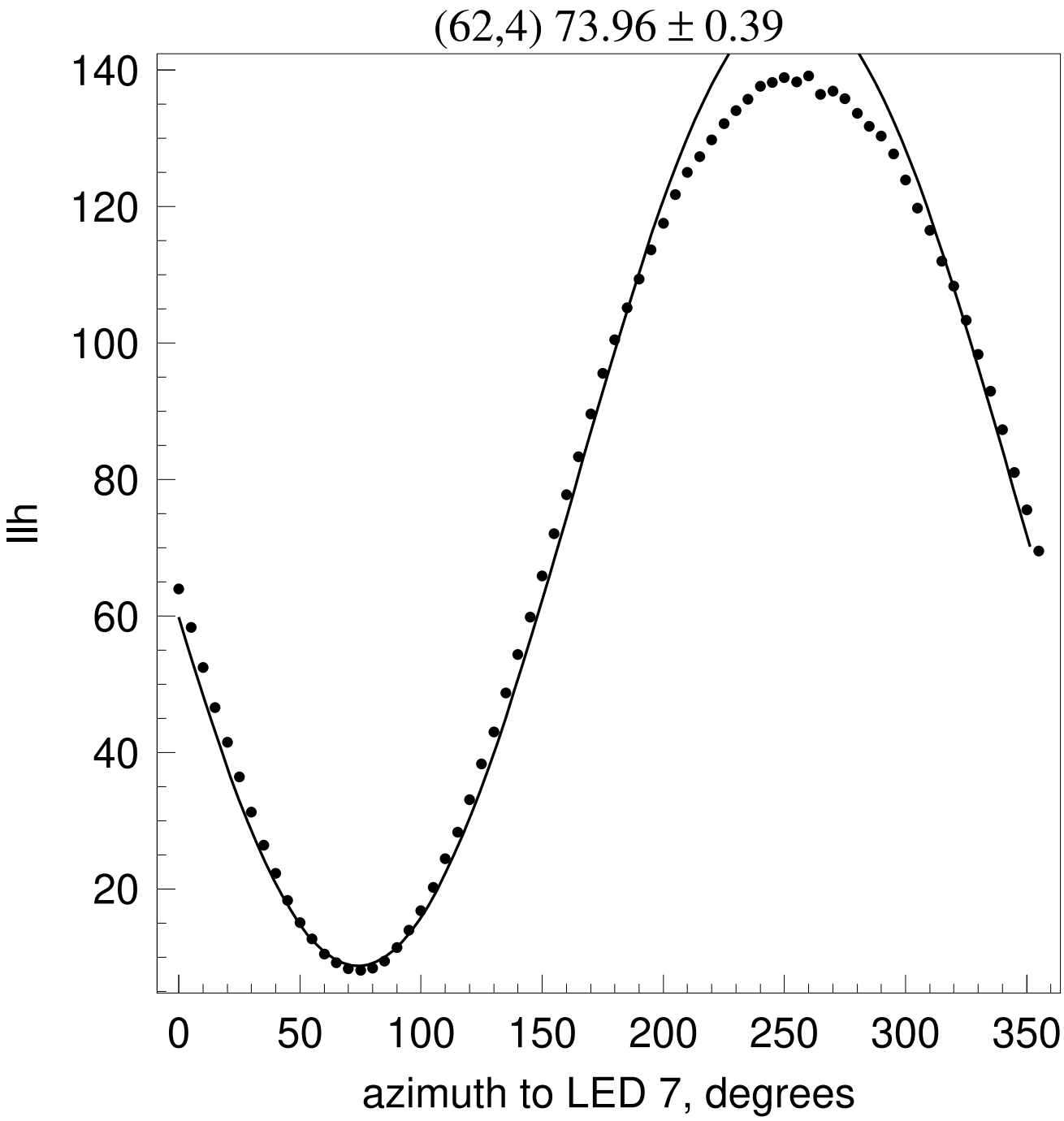

(61,59) 317.26 ± 0.84
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

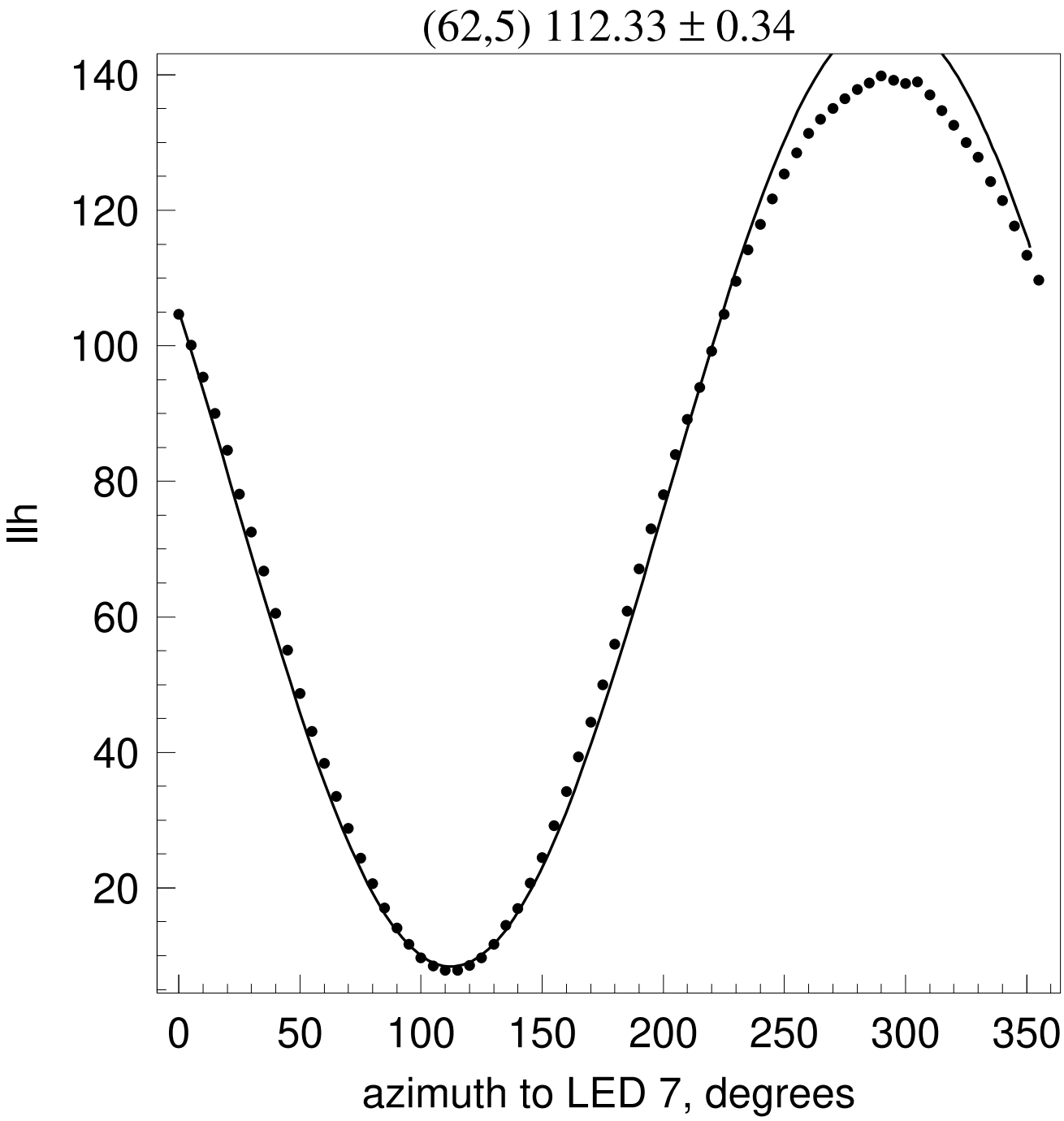

(61,60) 130.51 ± 0.88
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

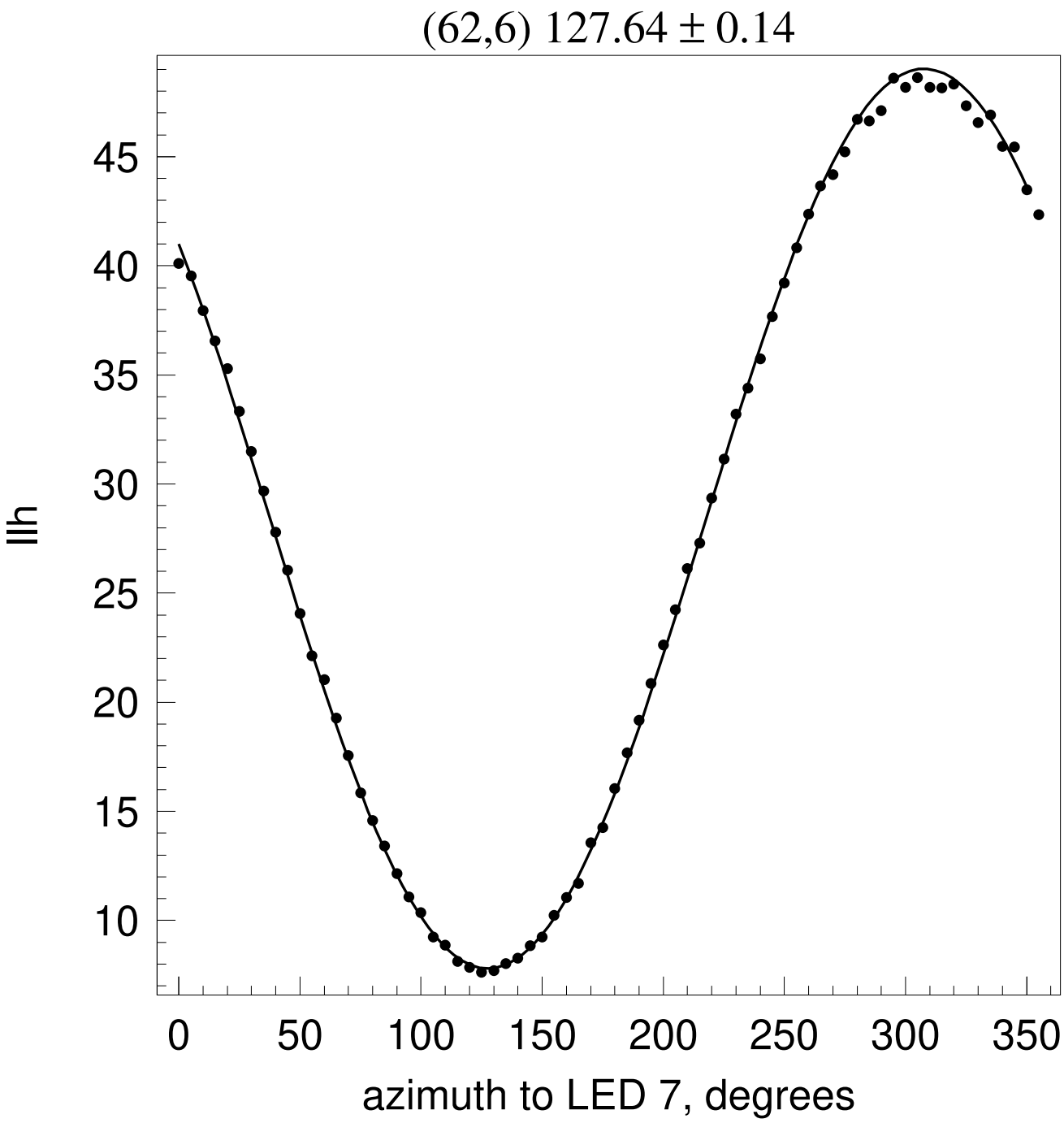

(62,1) 4.00 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

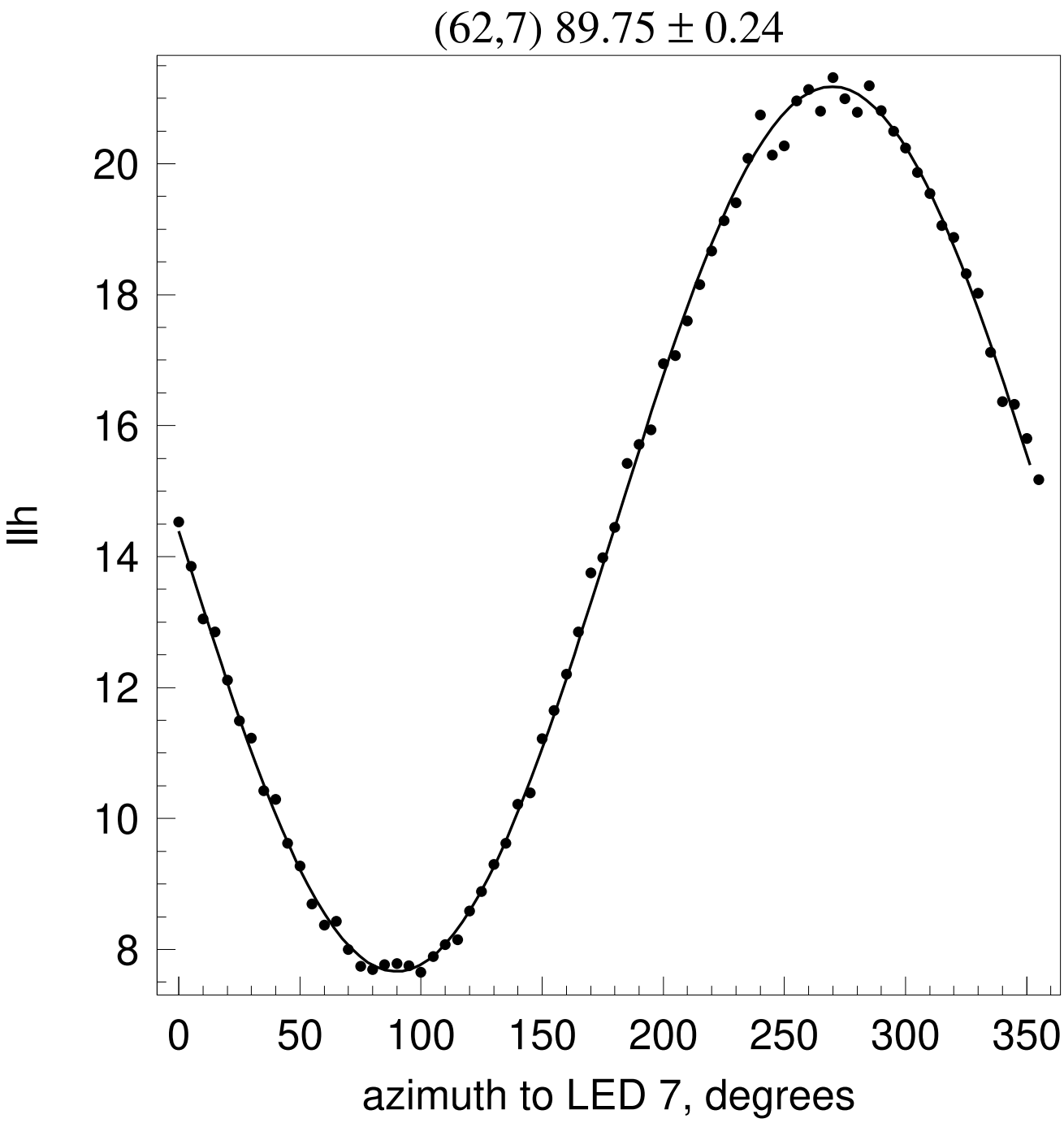

(62,2) 273.43 ± 0.16
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

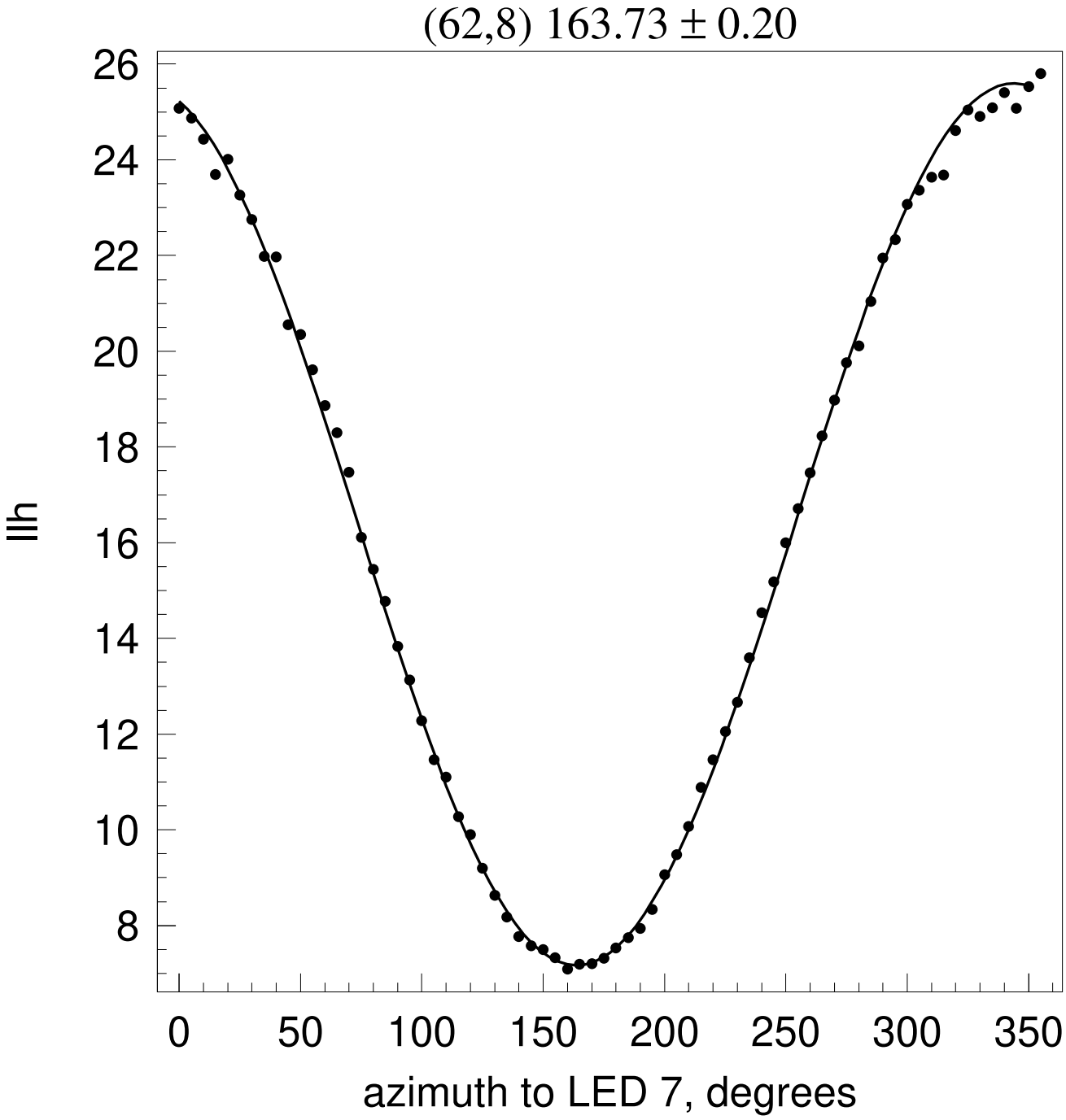

(62,3) 242.44 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

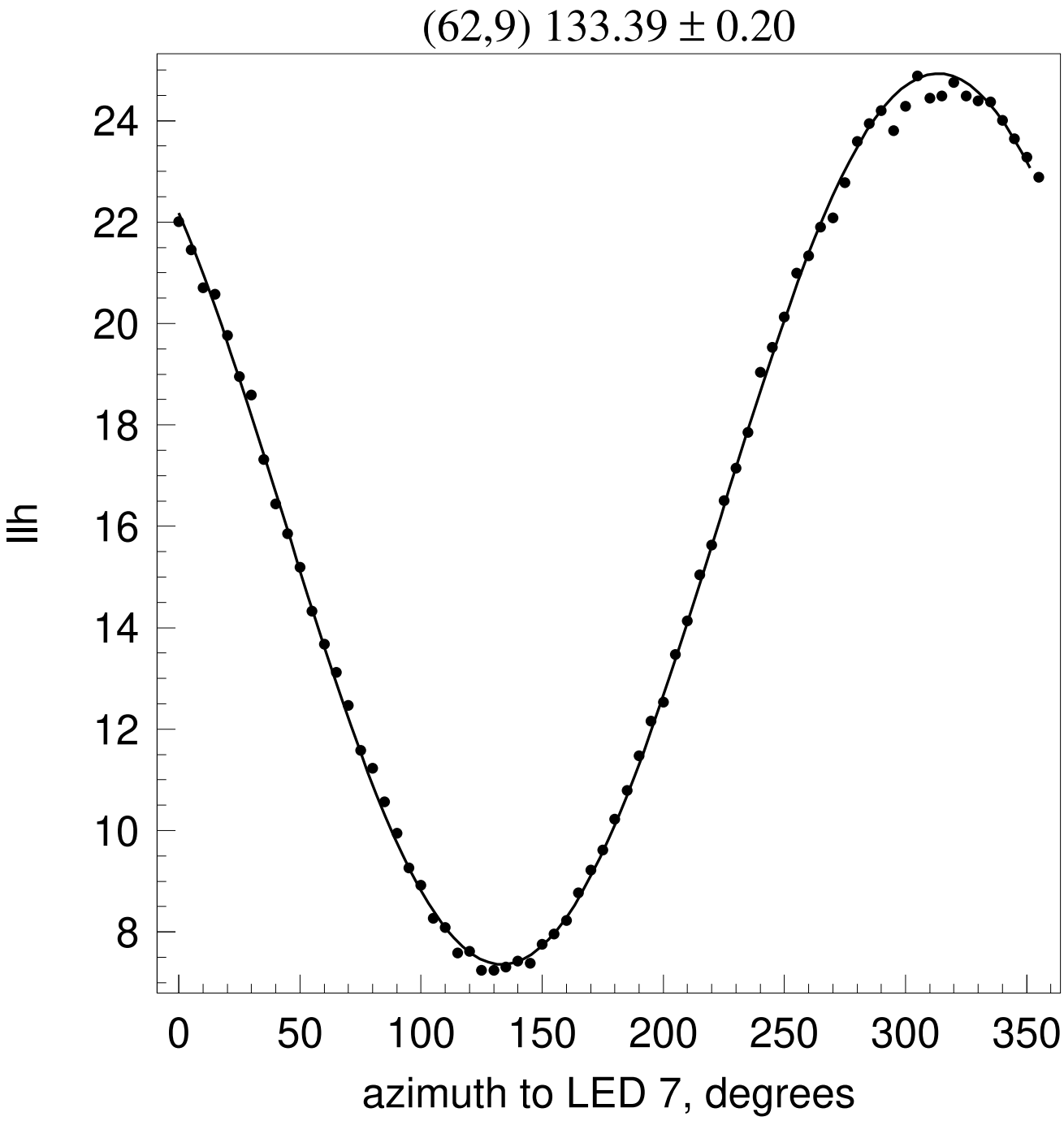

(62,4) 73.96 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

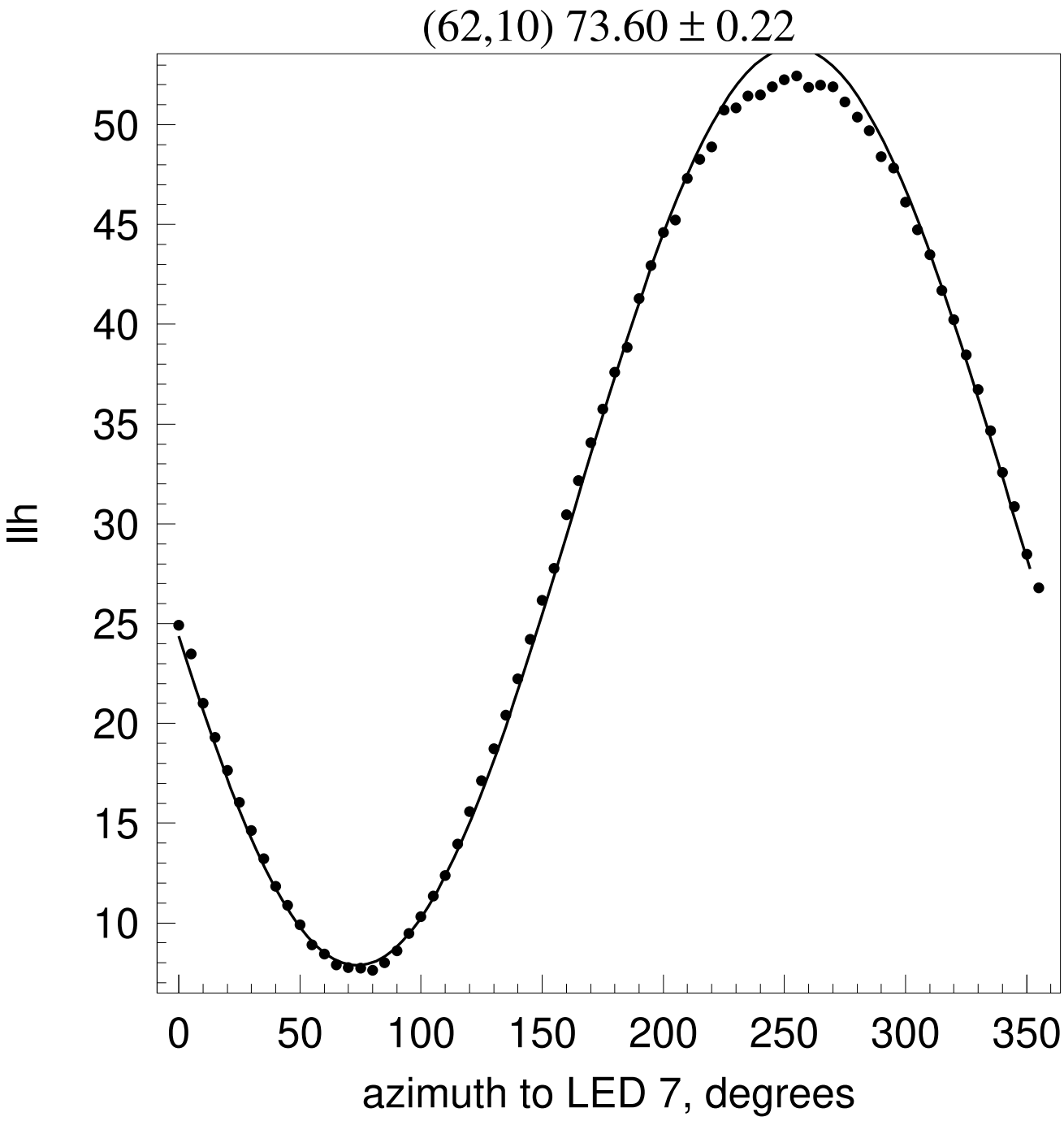

(62,5) 112.33 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

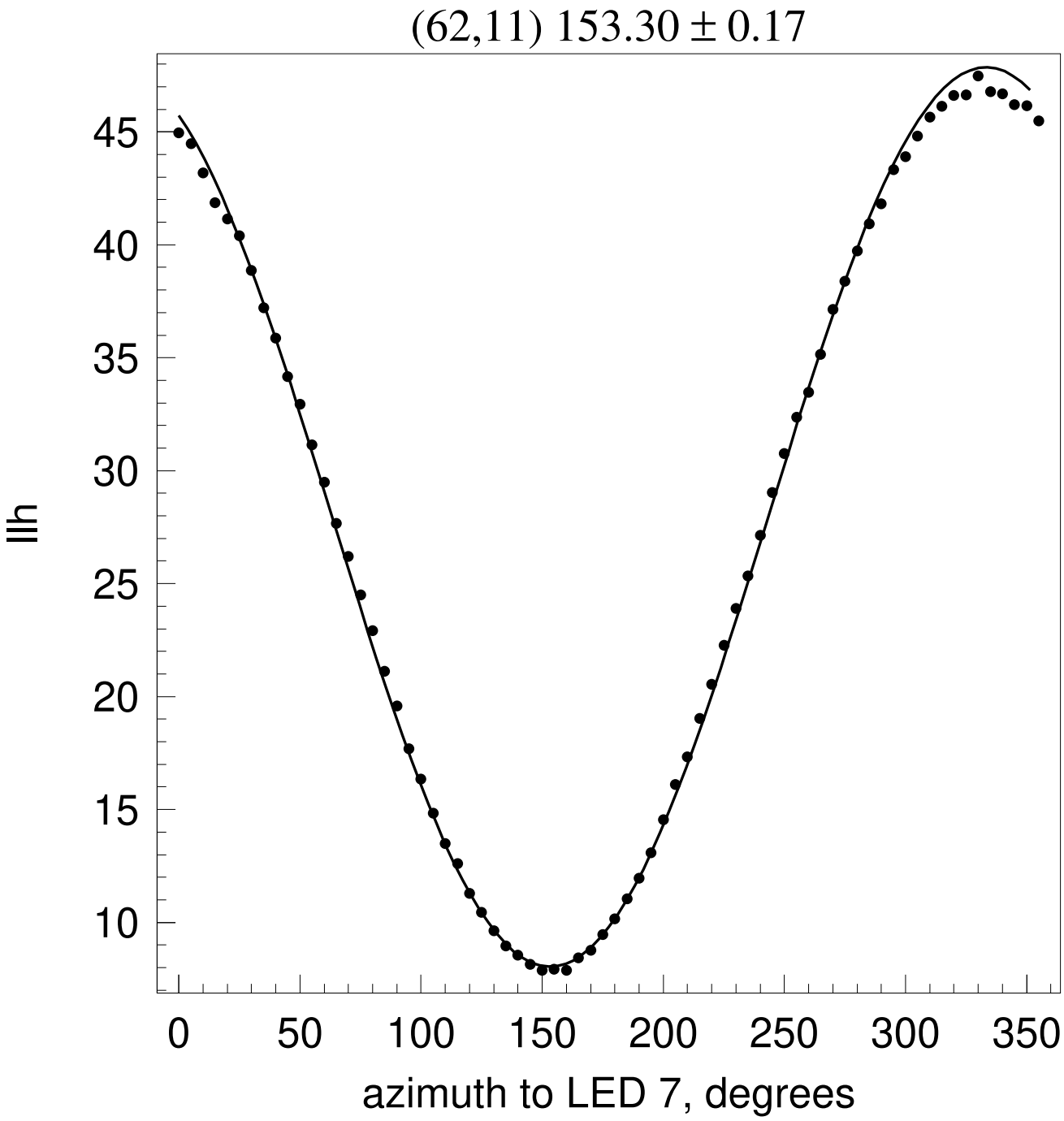

(62,6) 127.64 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

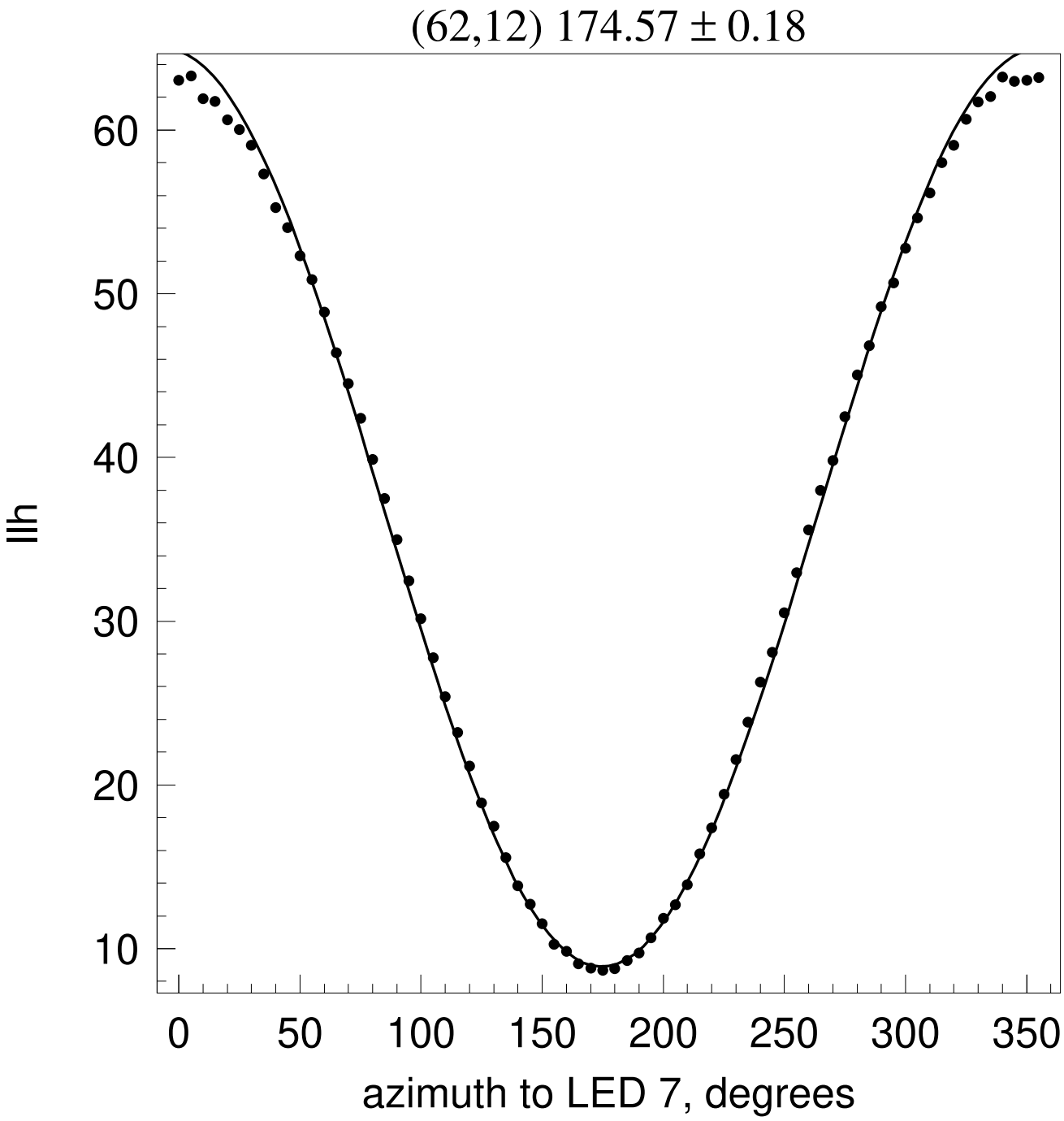

(62,7) 89.75 ± 0.24
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

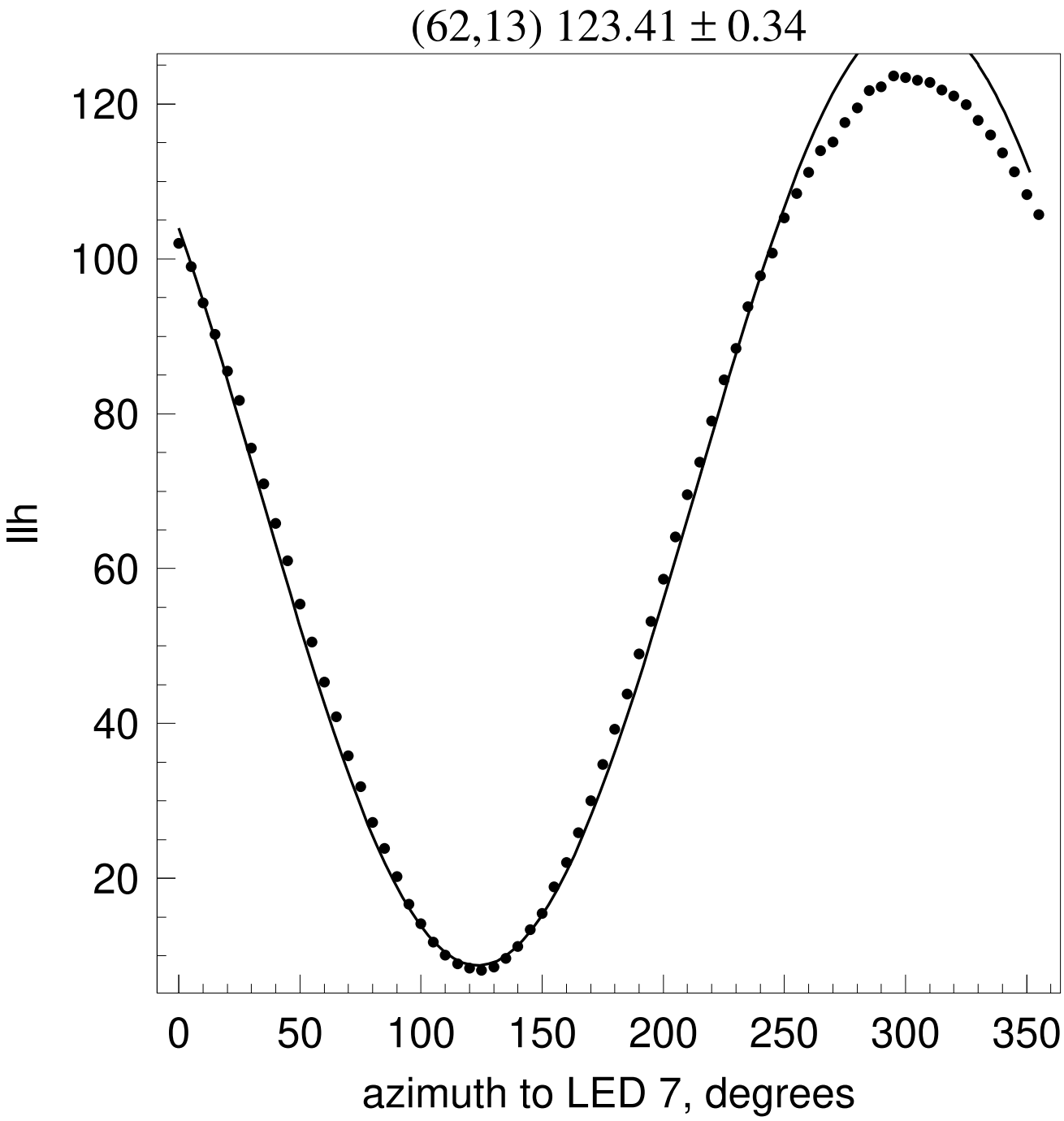

(62,8) 163.73 ± 0.20
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

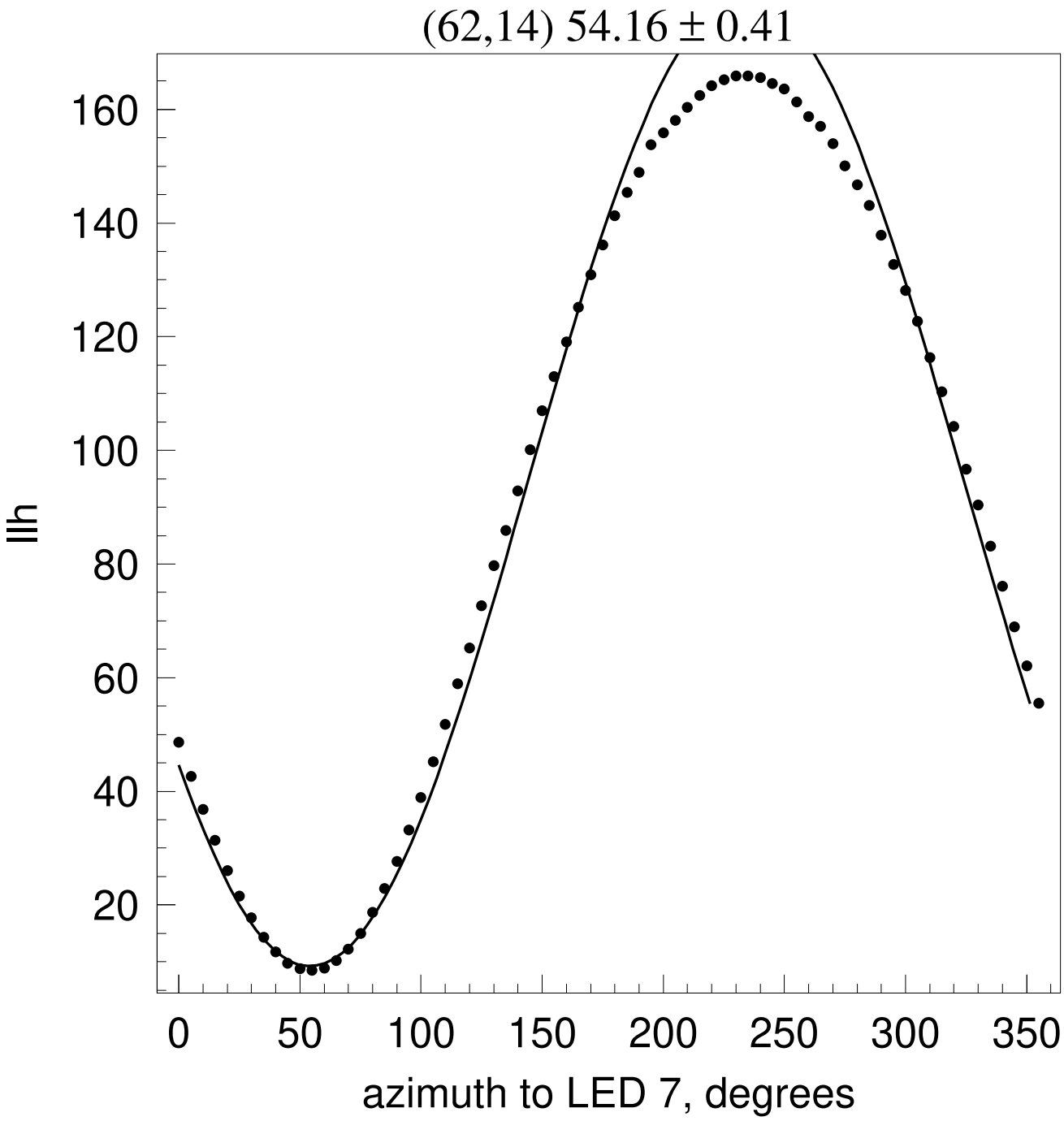

(62,9) 133.39 ± 0.20
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

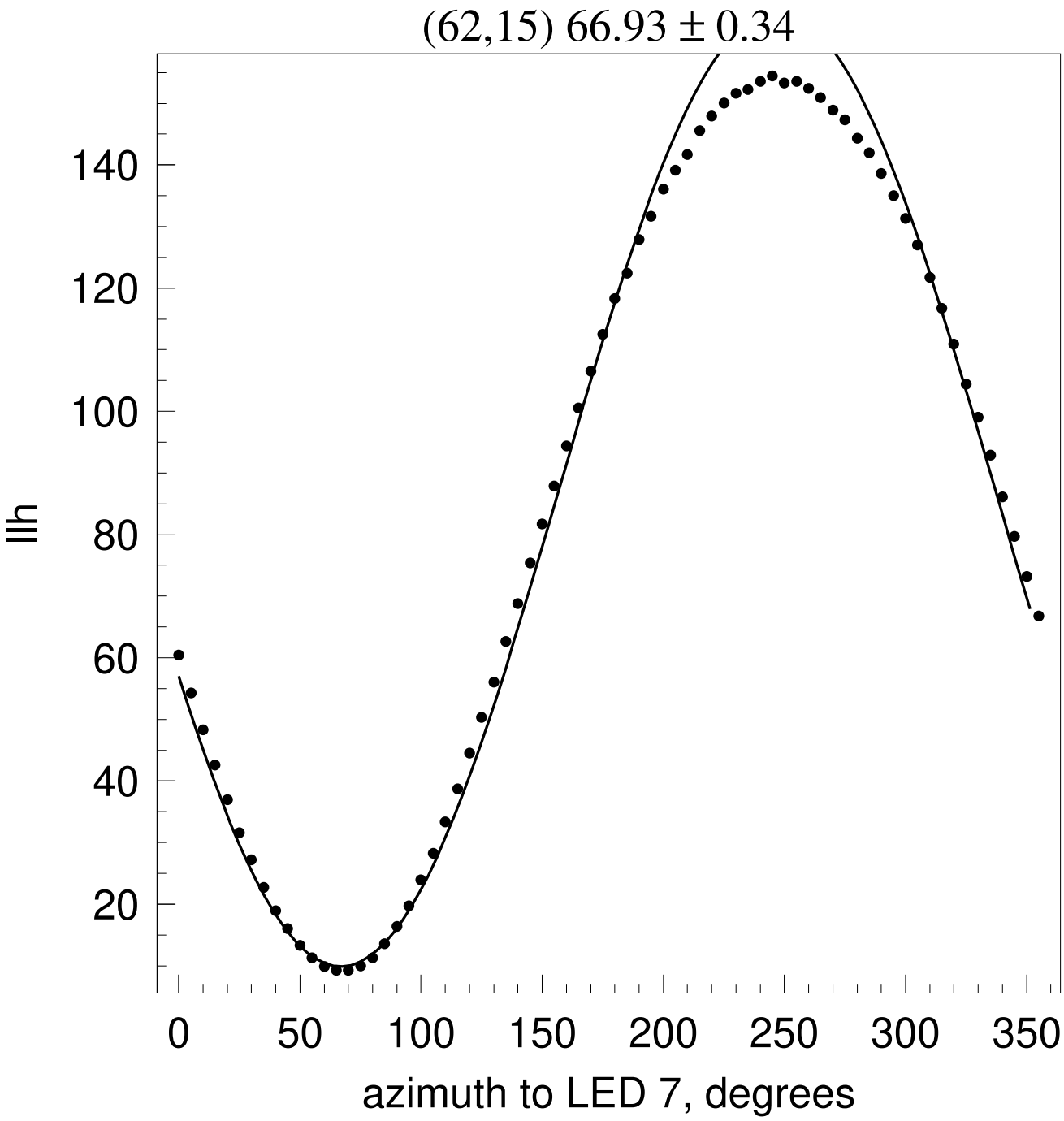

(62,10) 73.60 ± 0.22
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

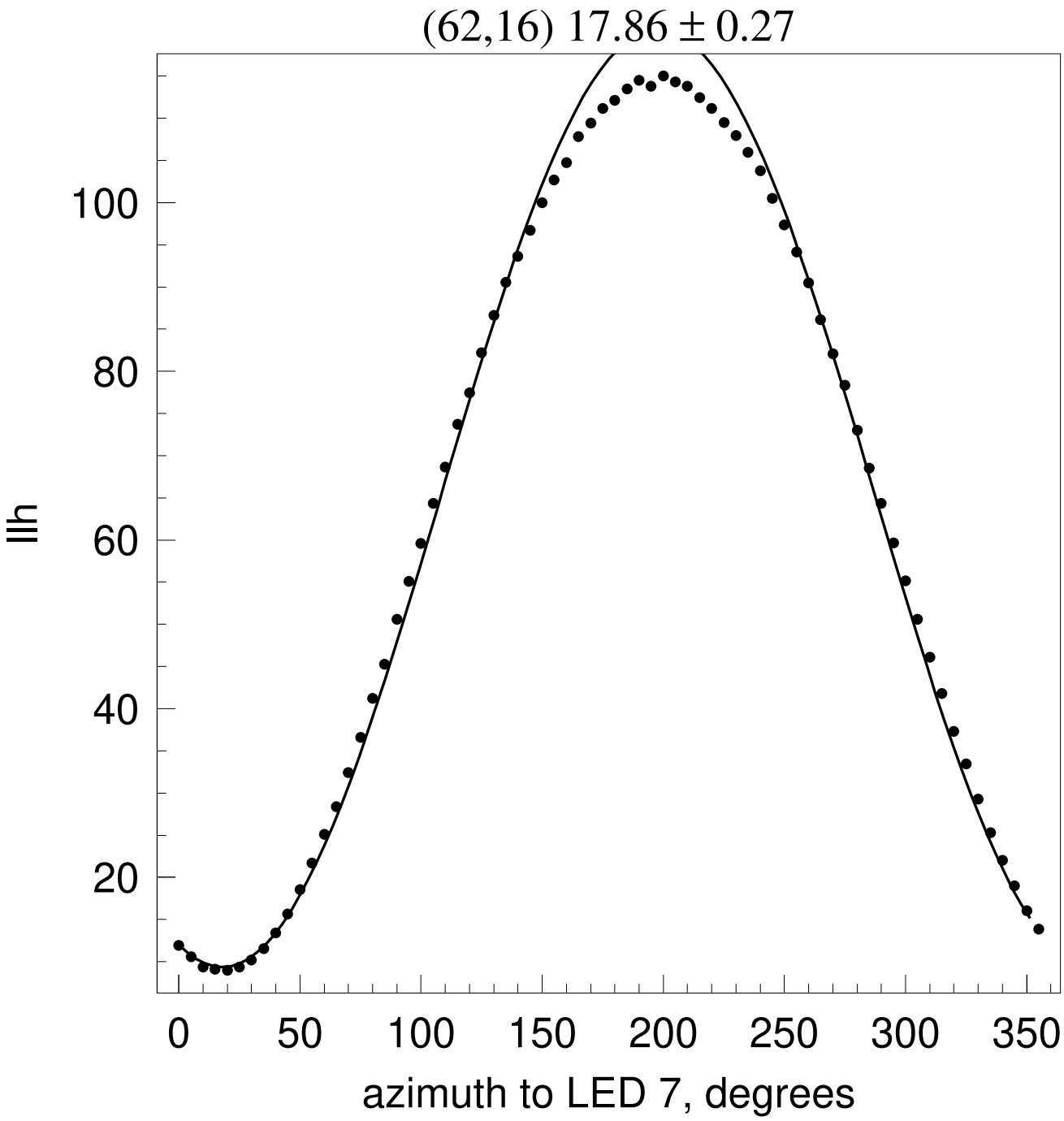

(62,11) 153.30 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

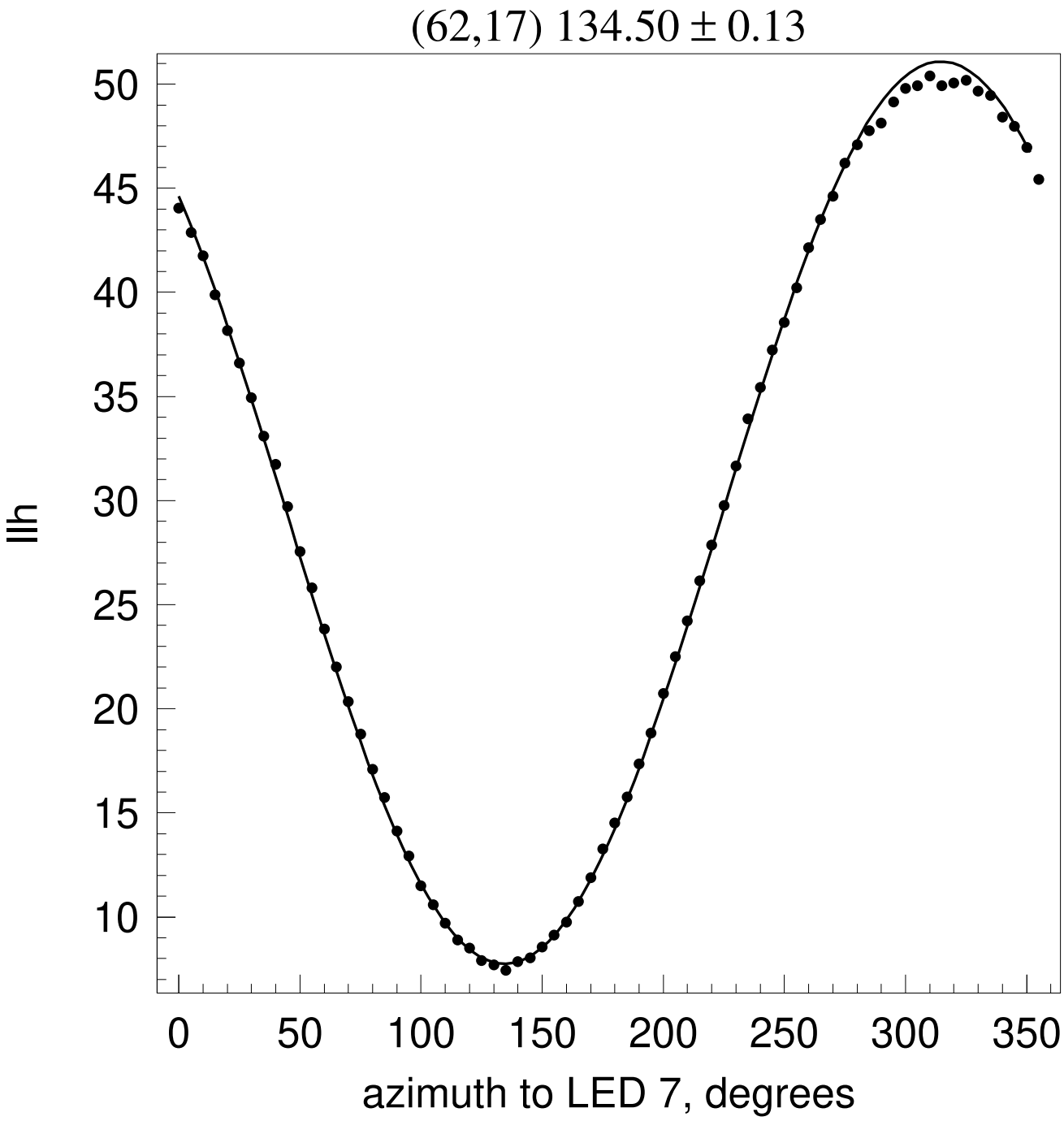

(62,12) 174.57 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

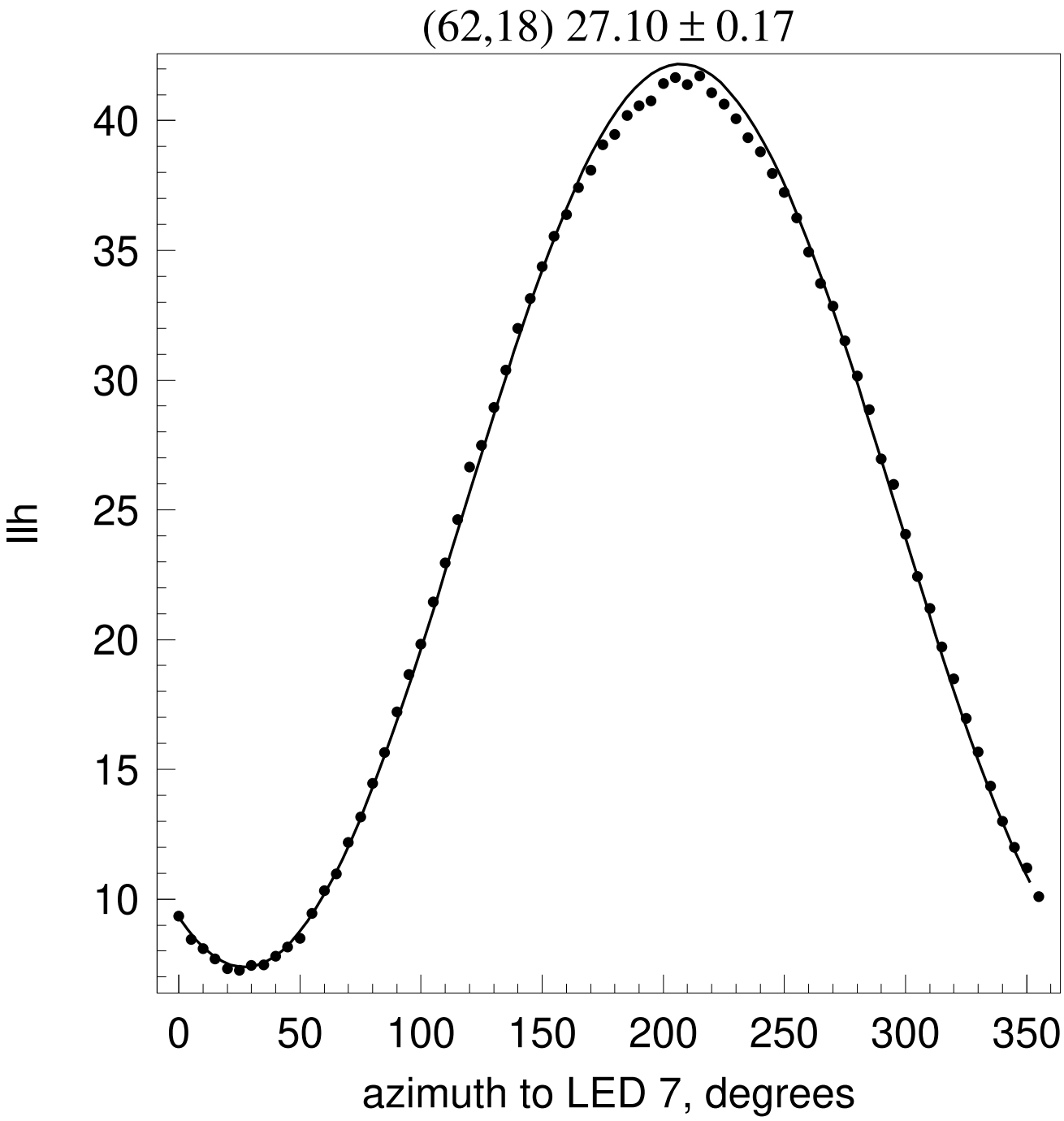

(62,13) 123.41 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

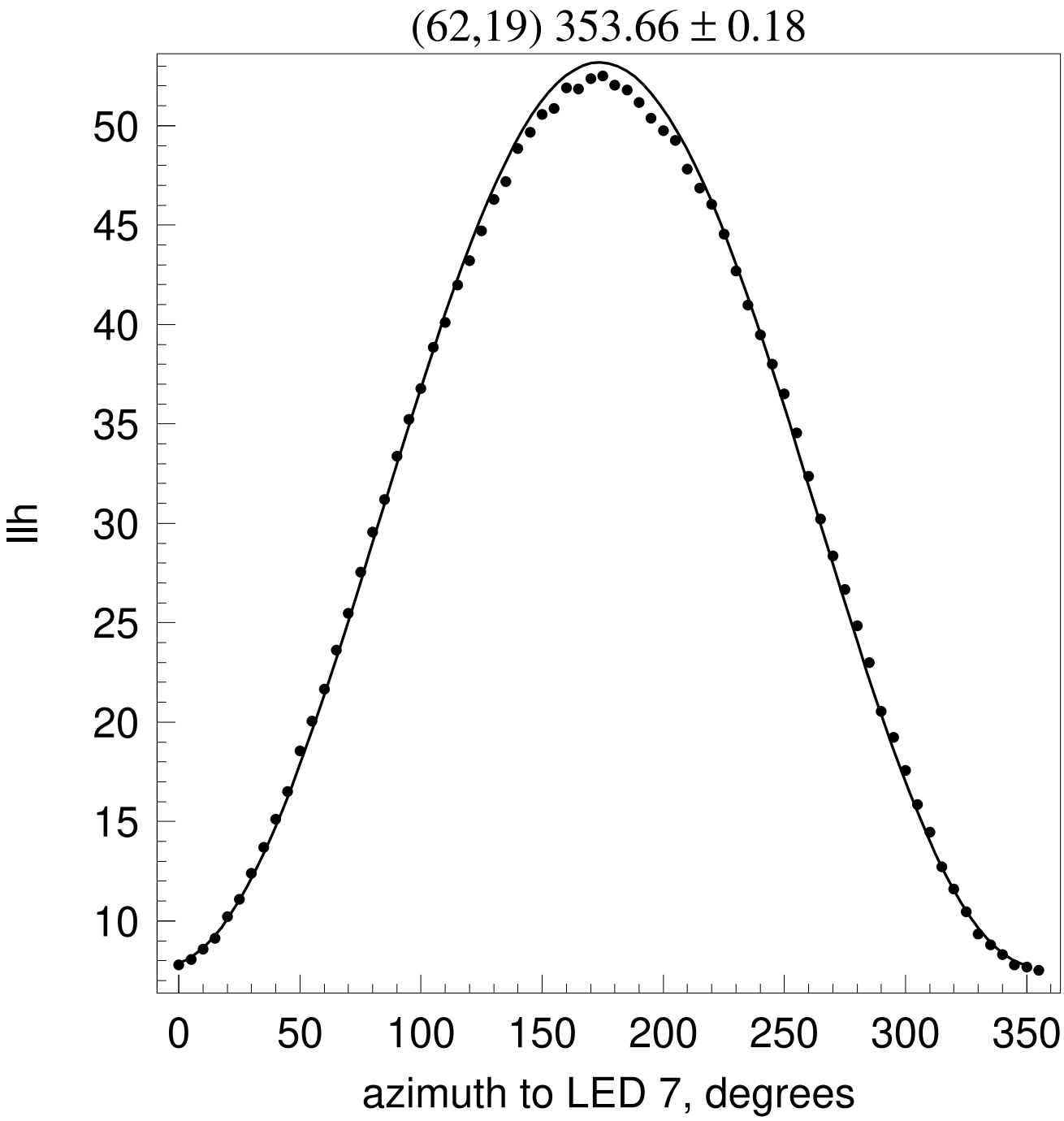

(62,14) 54.16 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

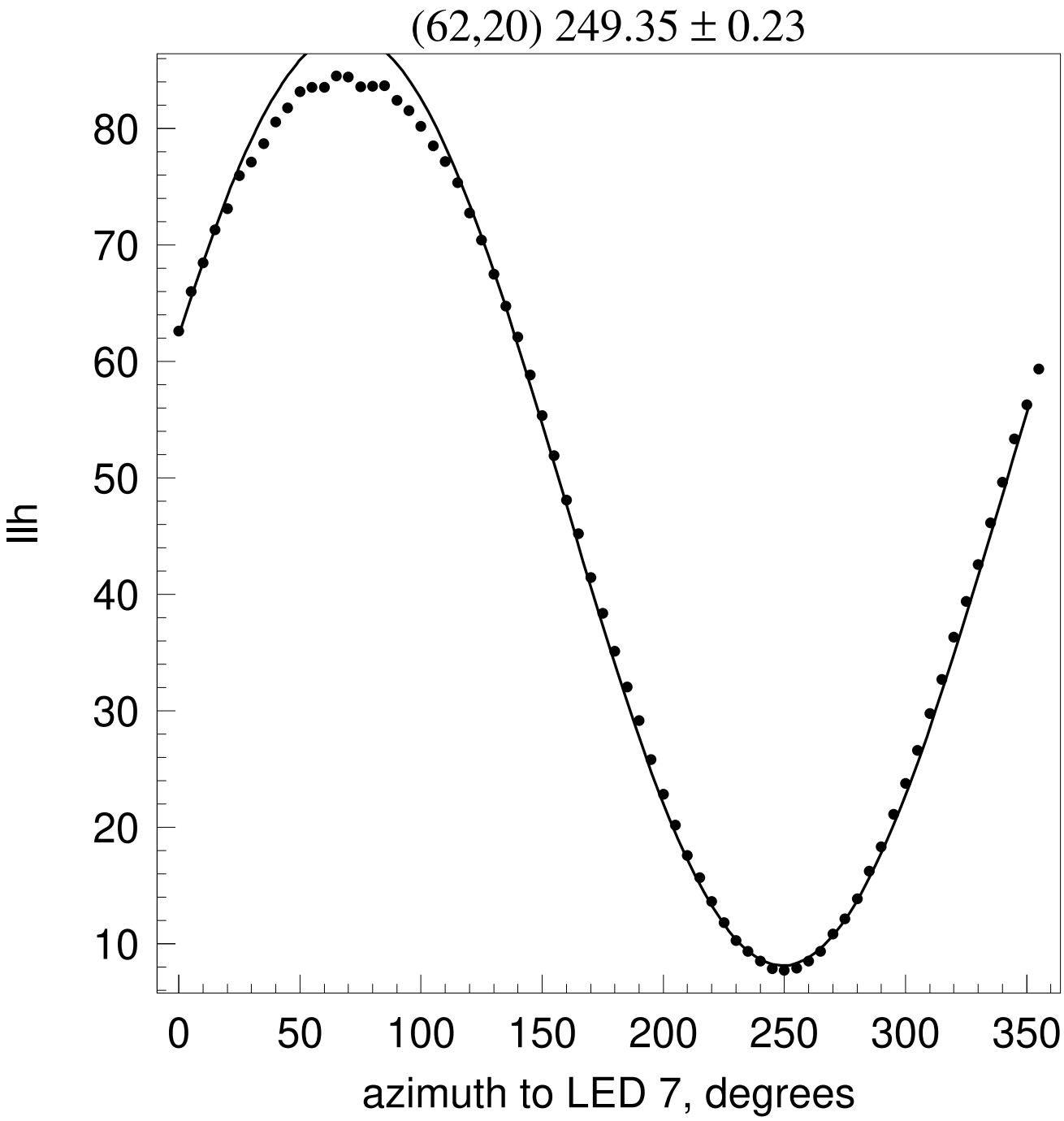

(62,15) 66.93 ± 0.34
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

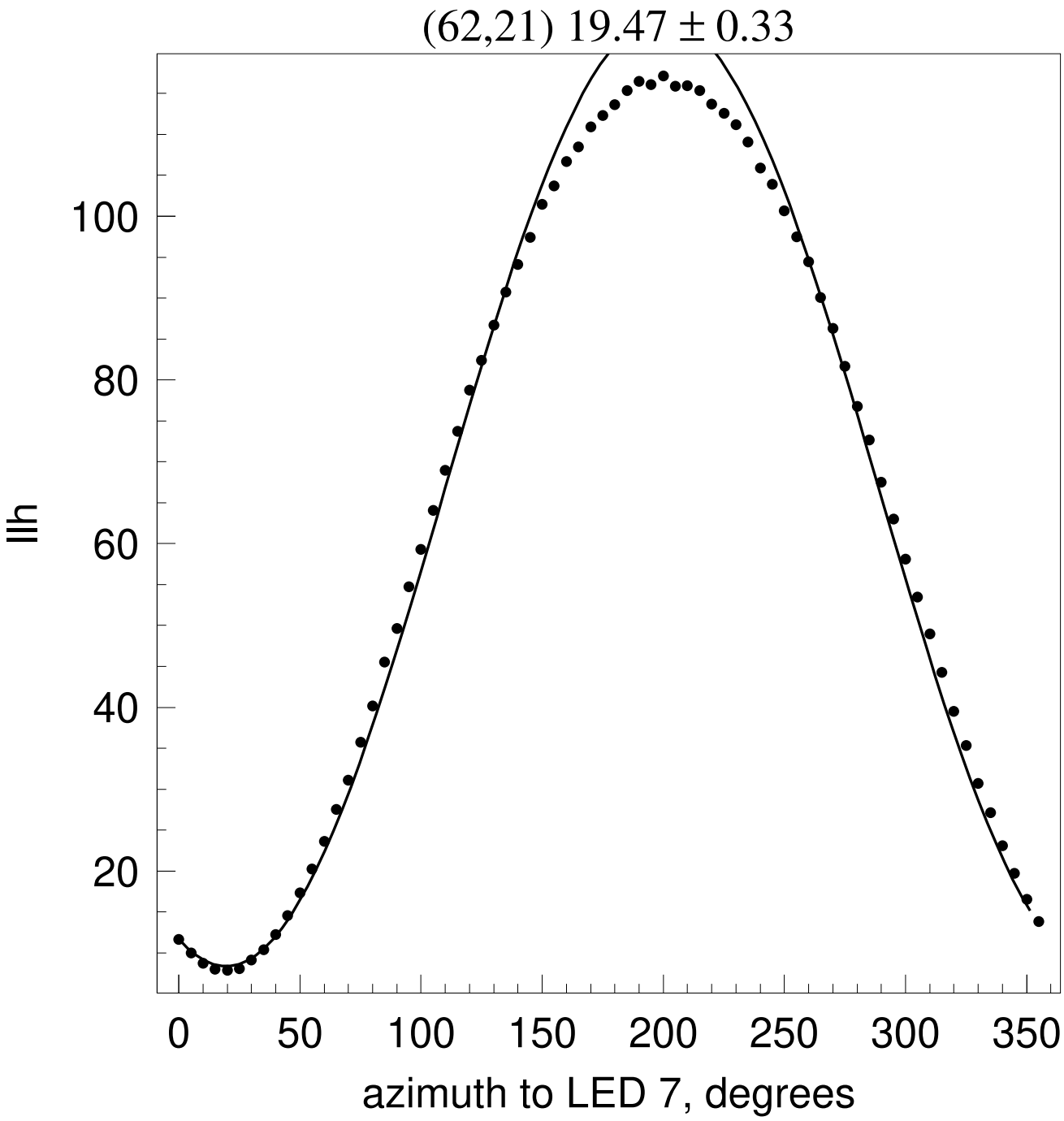

(62,16) 17.86 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

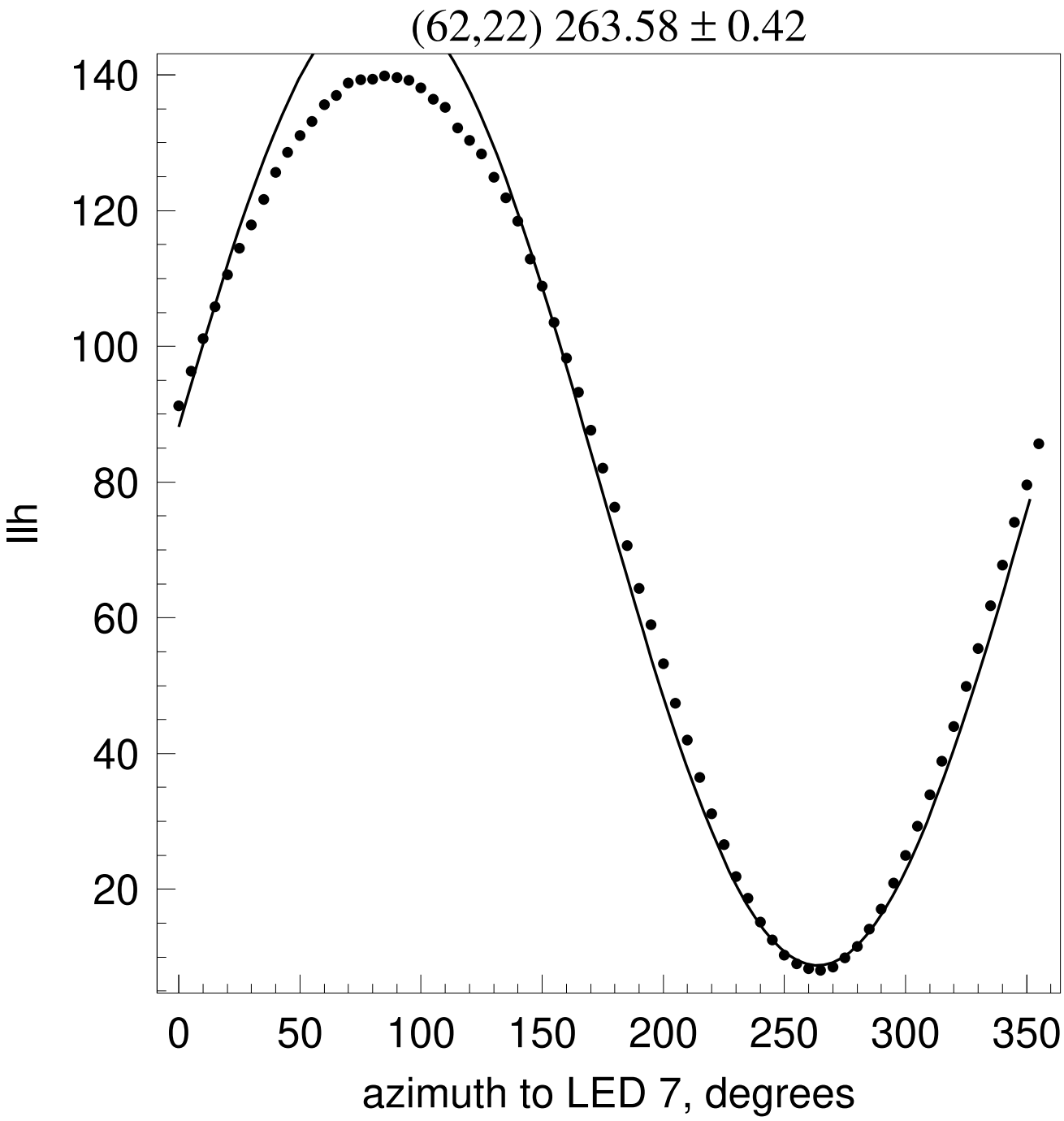

(62,17) 134.50 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

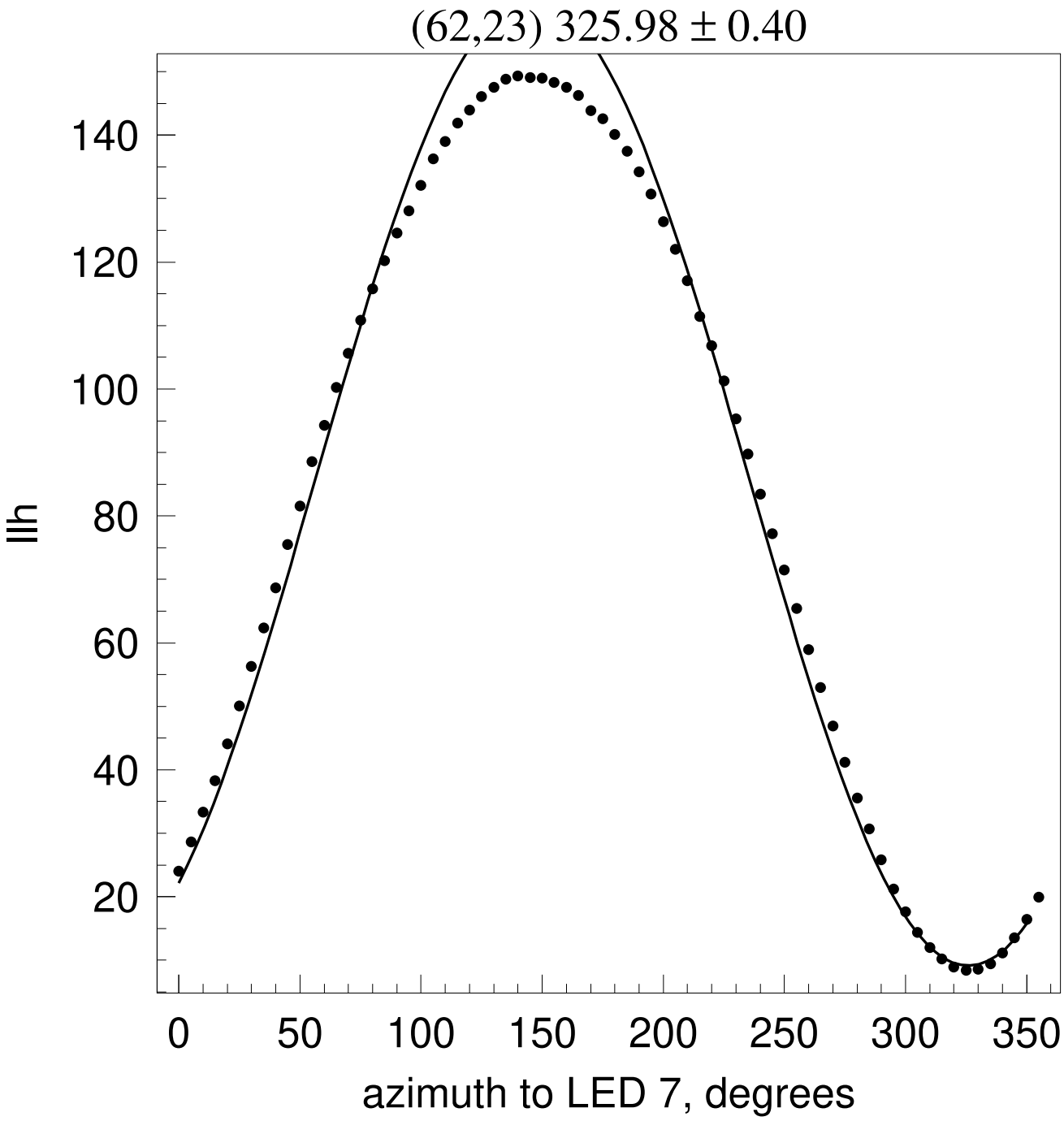

(62,18) 27.10 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

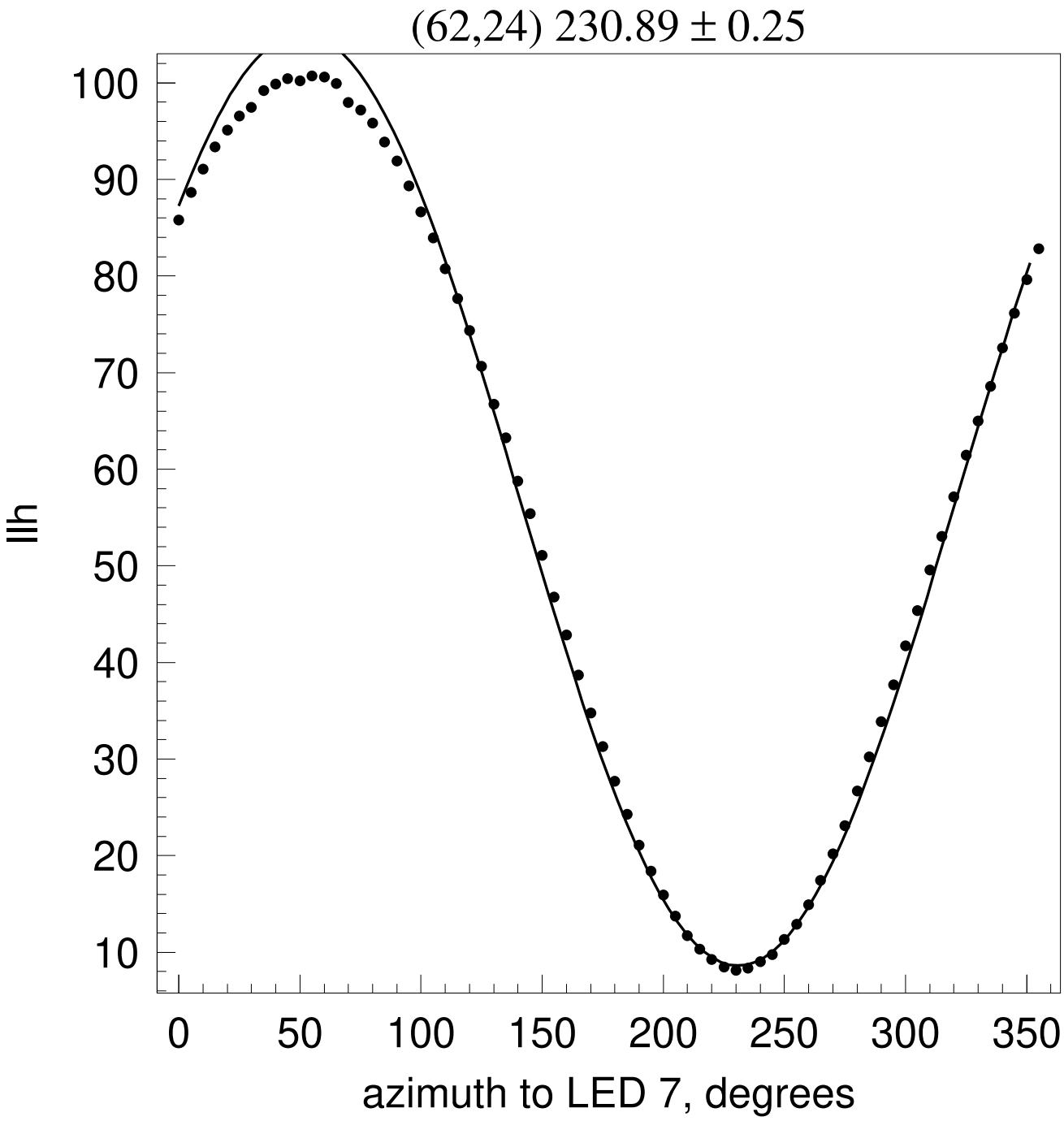

(62,19) 353.66 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

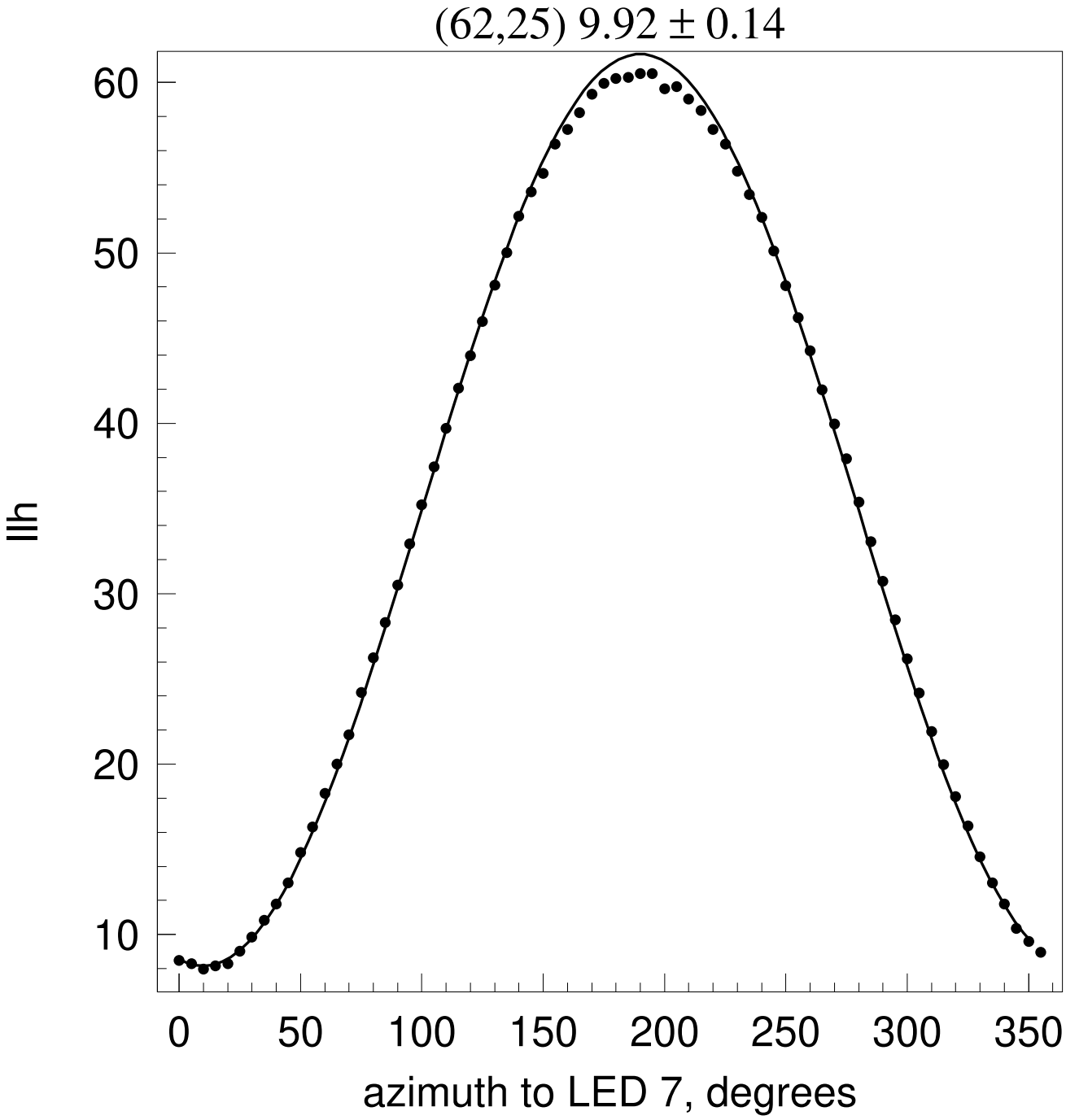

(62,20) 249.35 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

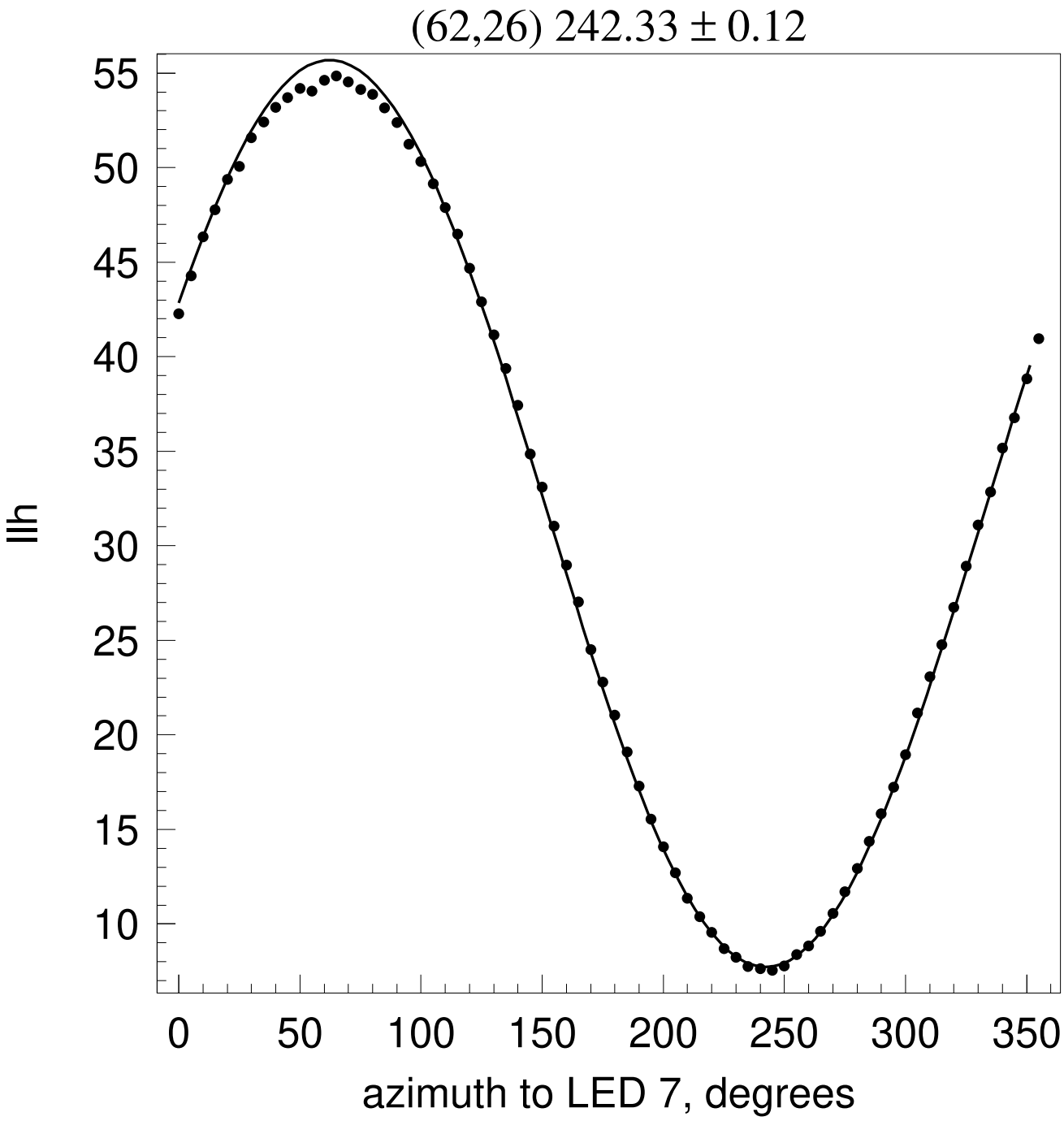

(62,21) 19.47 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

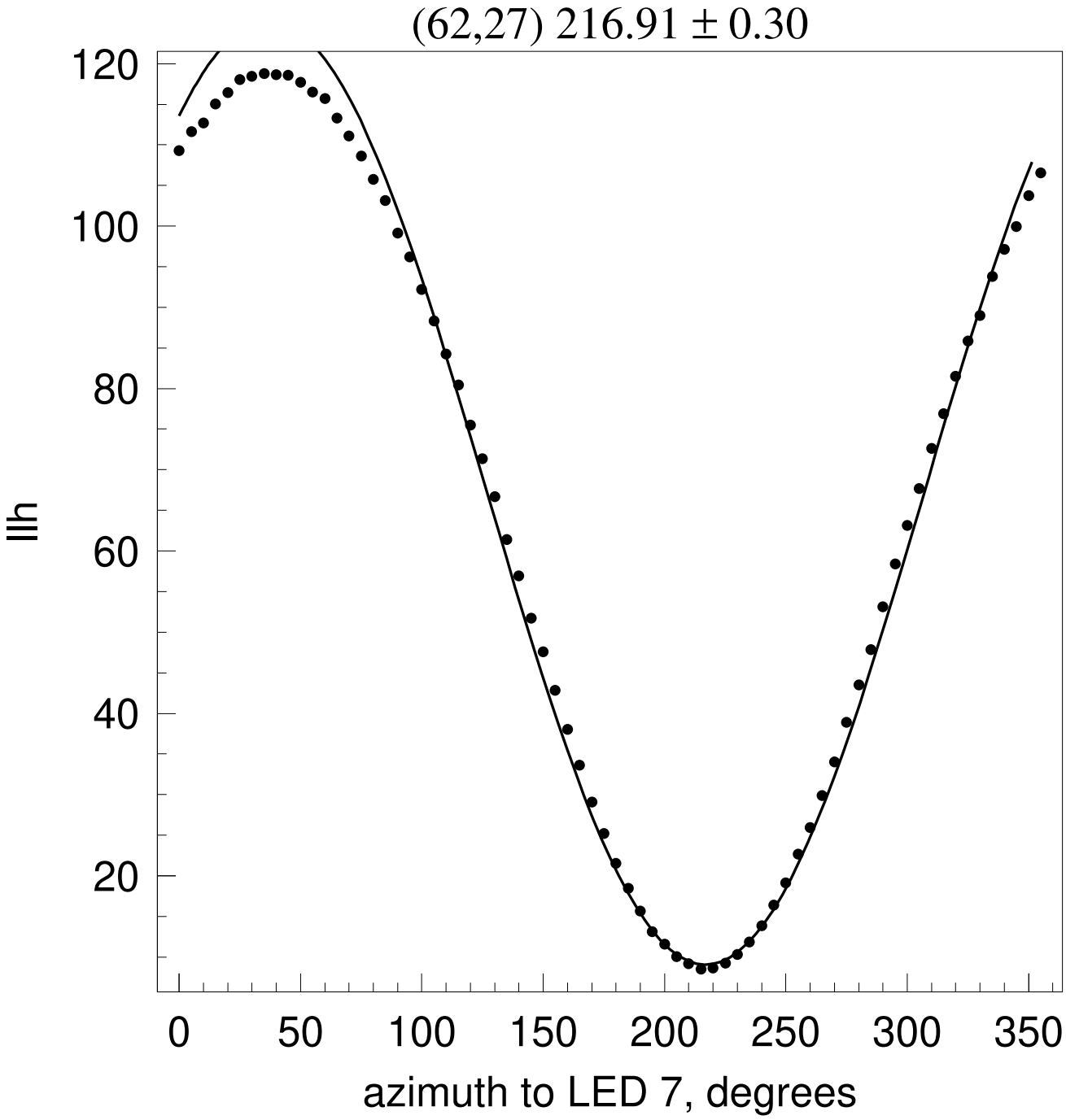

(62,22) 263.58 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

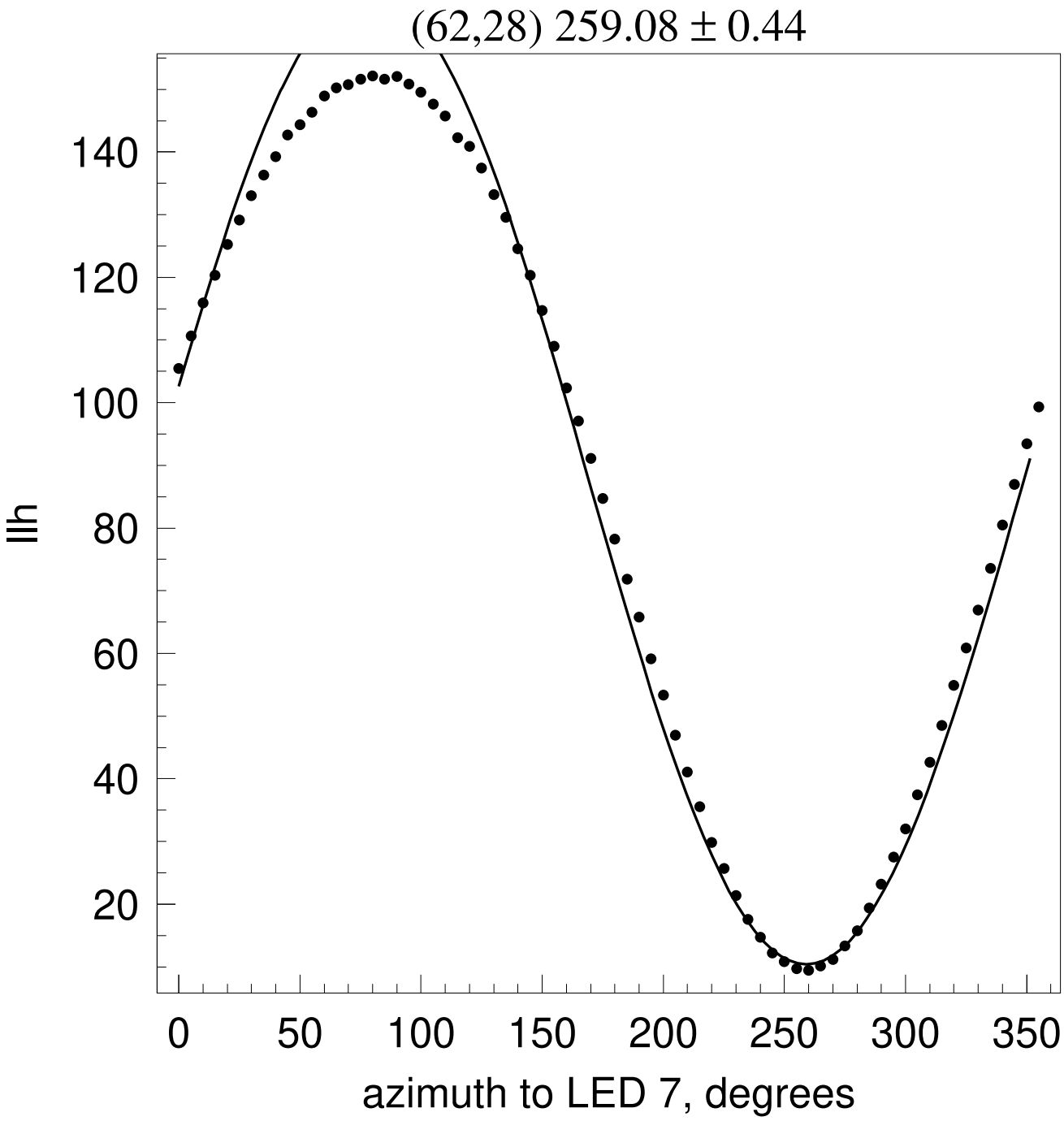

(62,23) 325.98 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

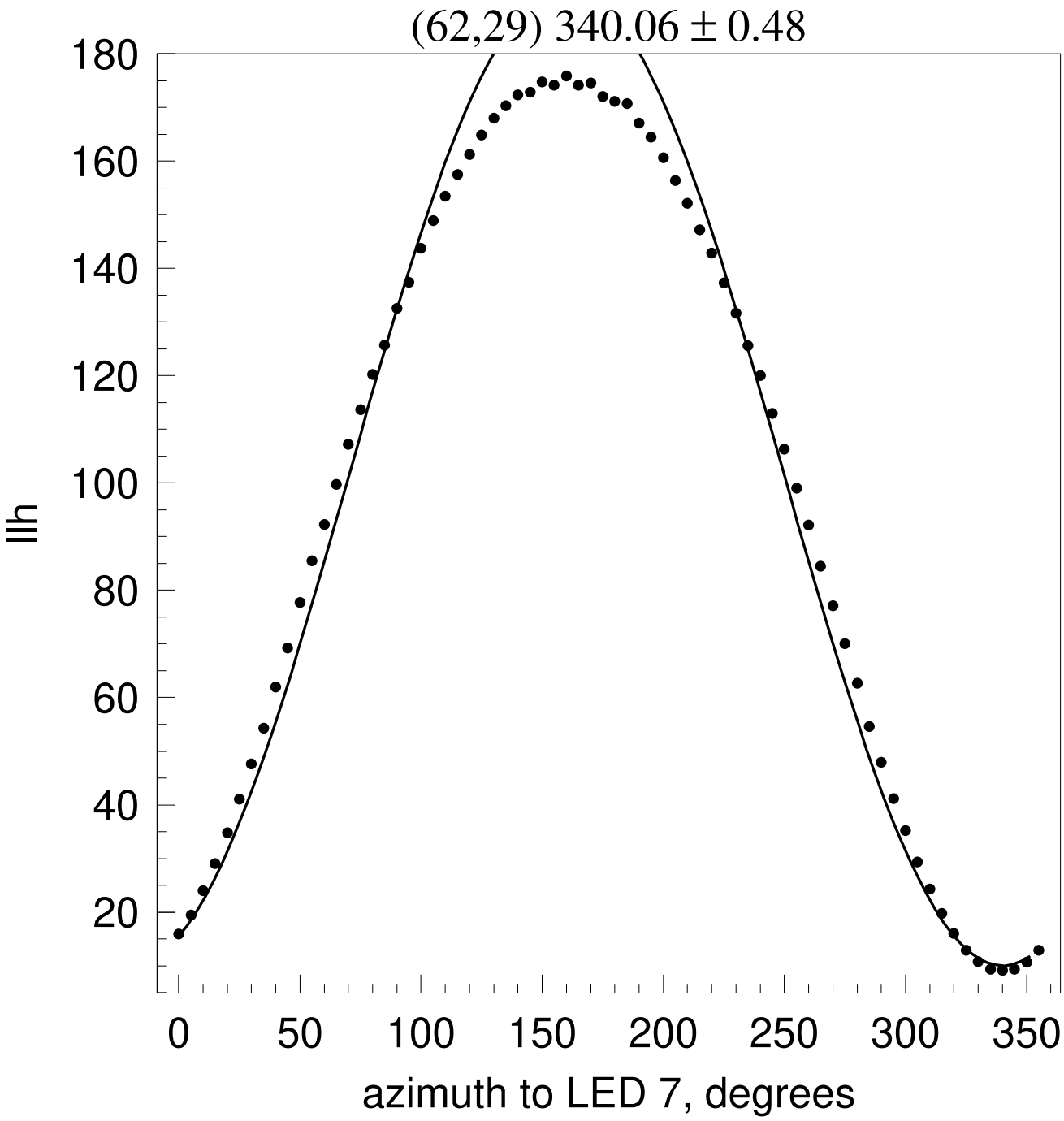

(62,24) 230.89 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

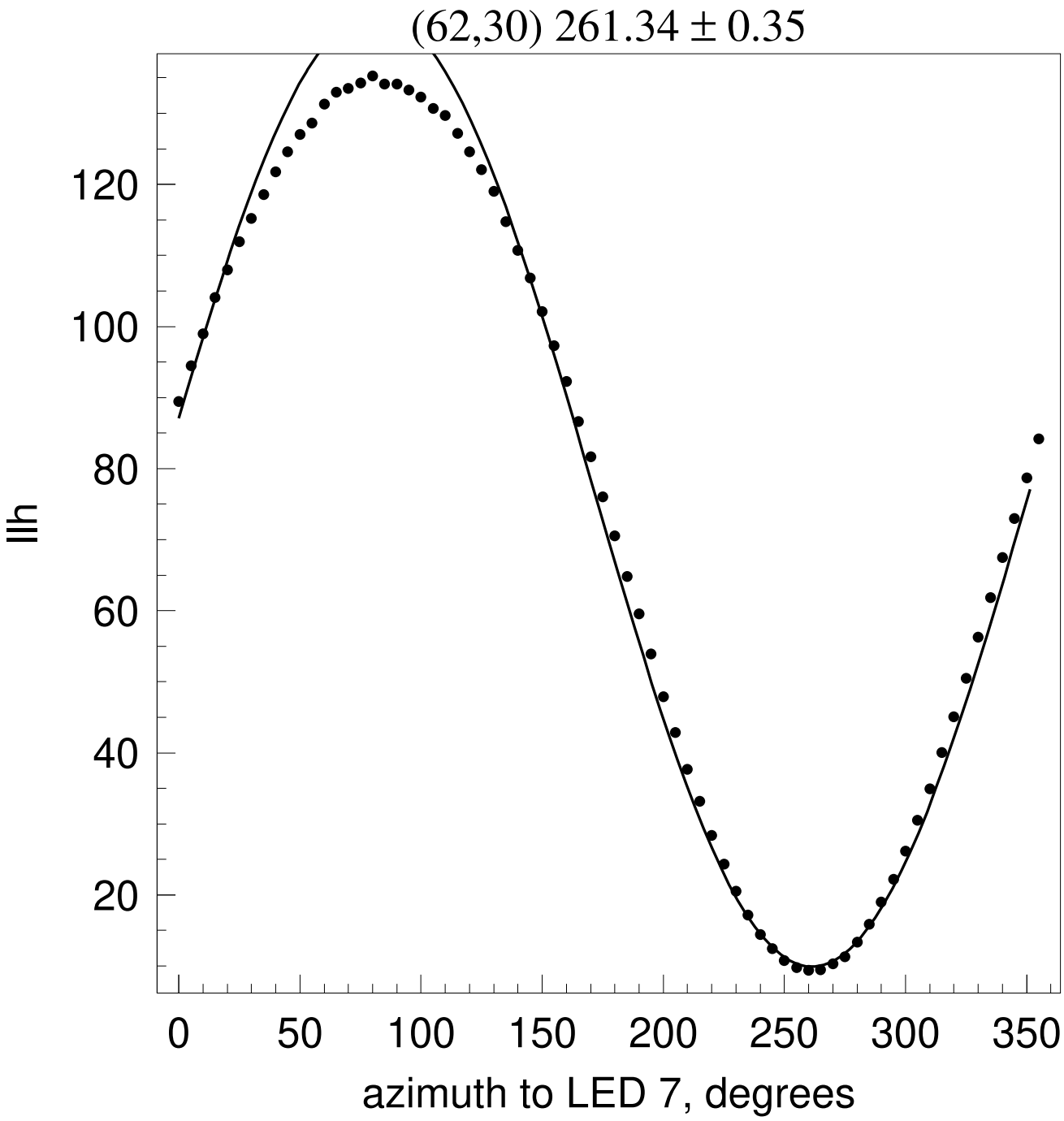

(62,25) 9.92 ± 0.14
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

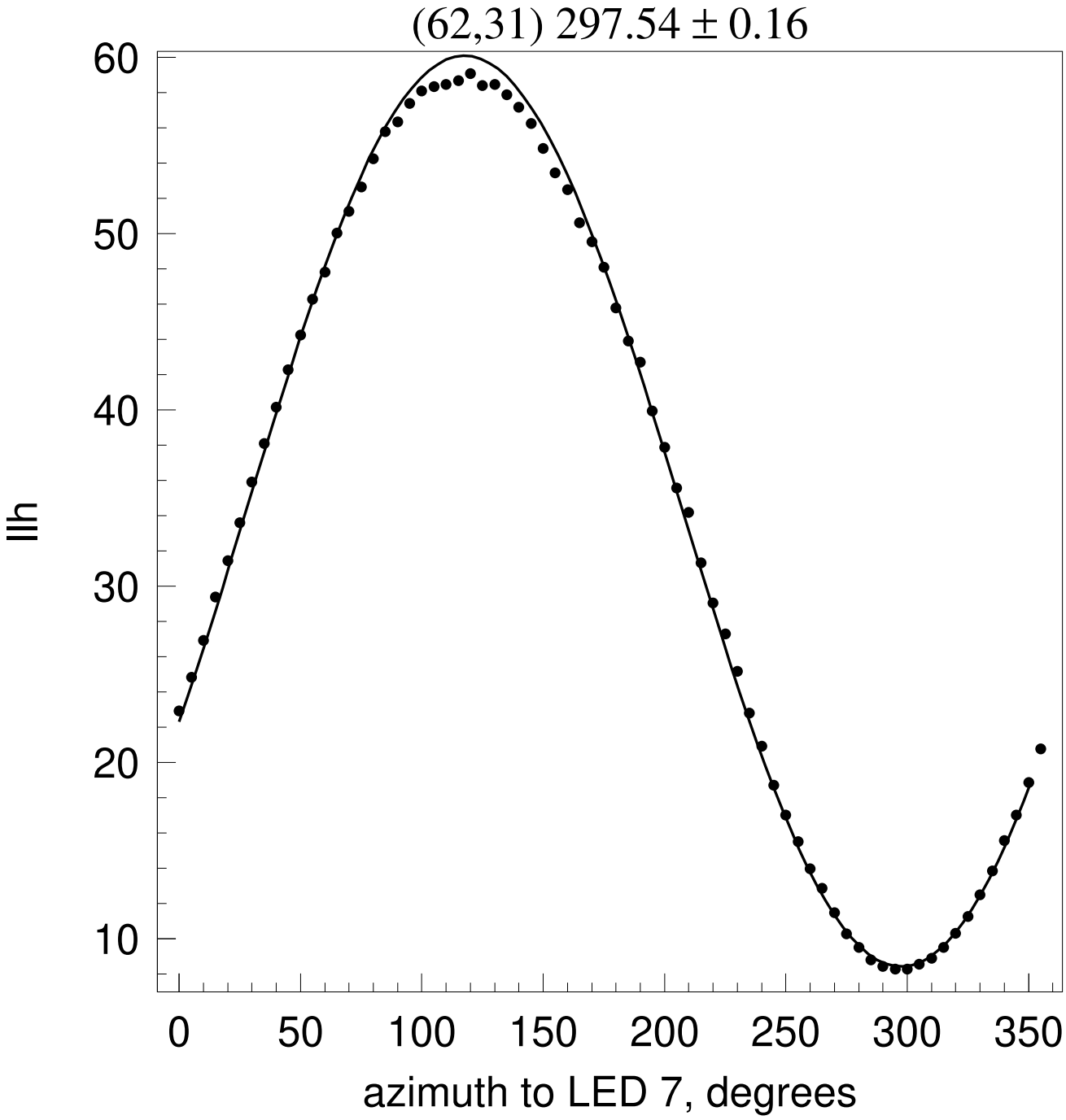

(62,26) 242.33 ± 0.12
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

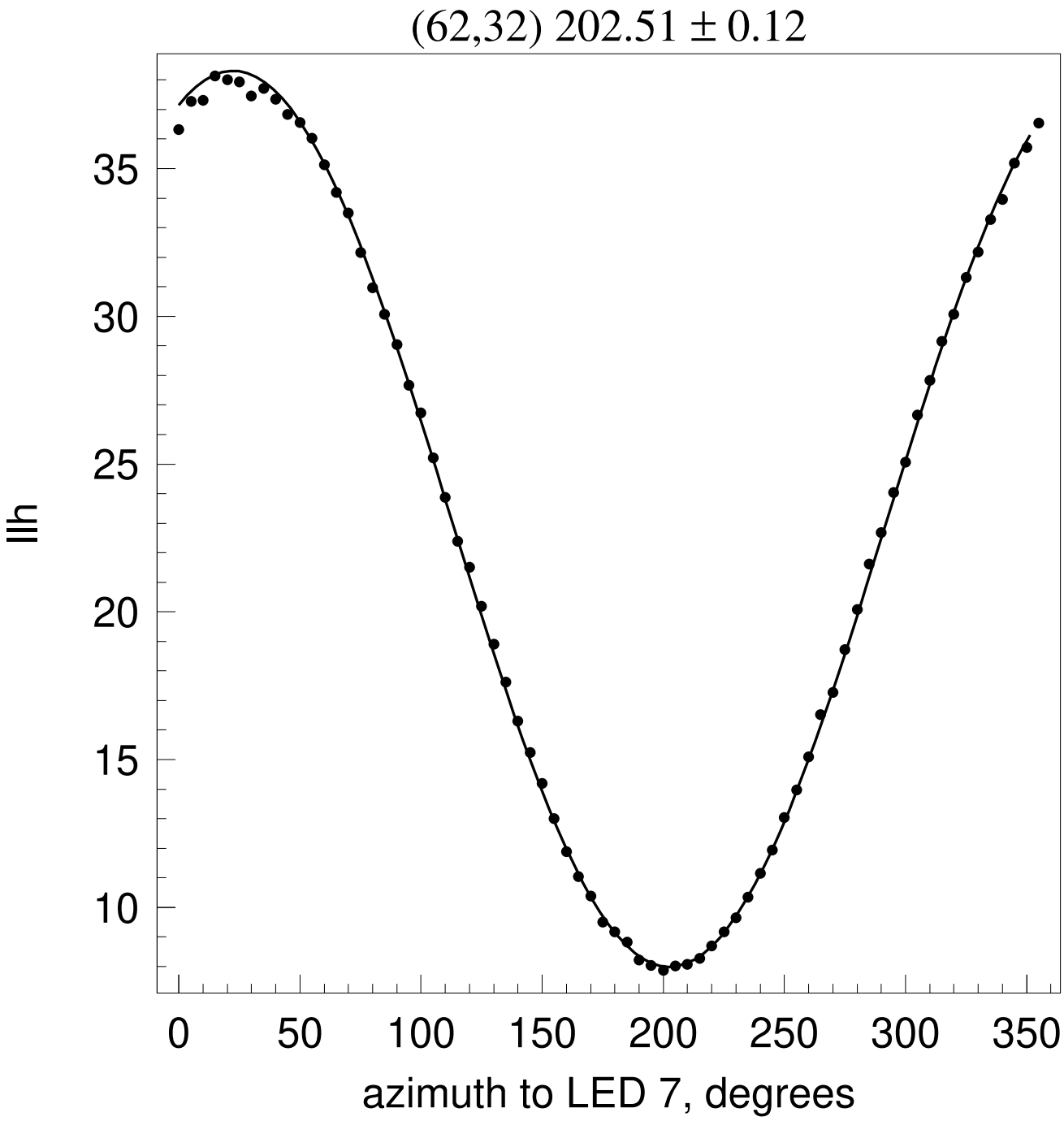

(62,27) 216.91 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

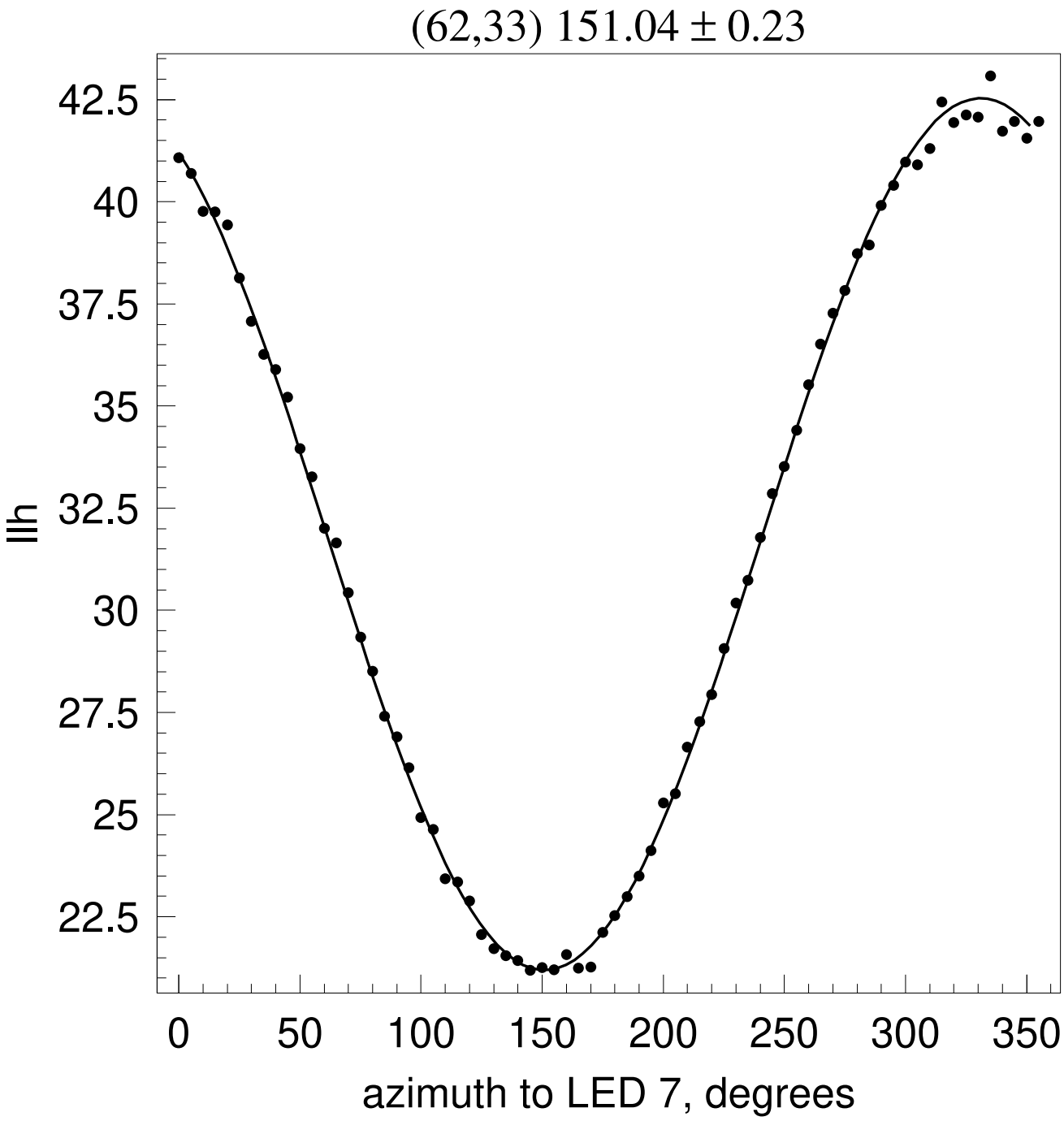

(62,28) 259.08 ± 0.44
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

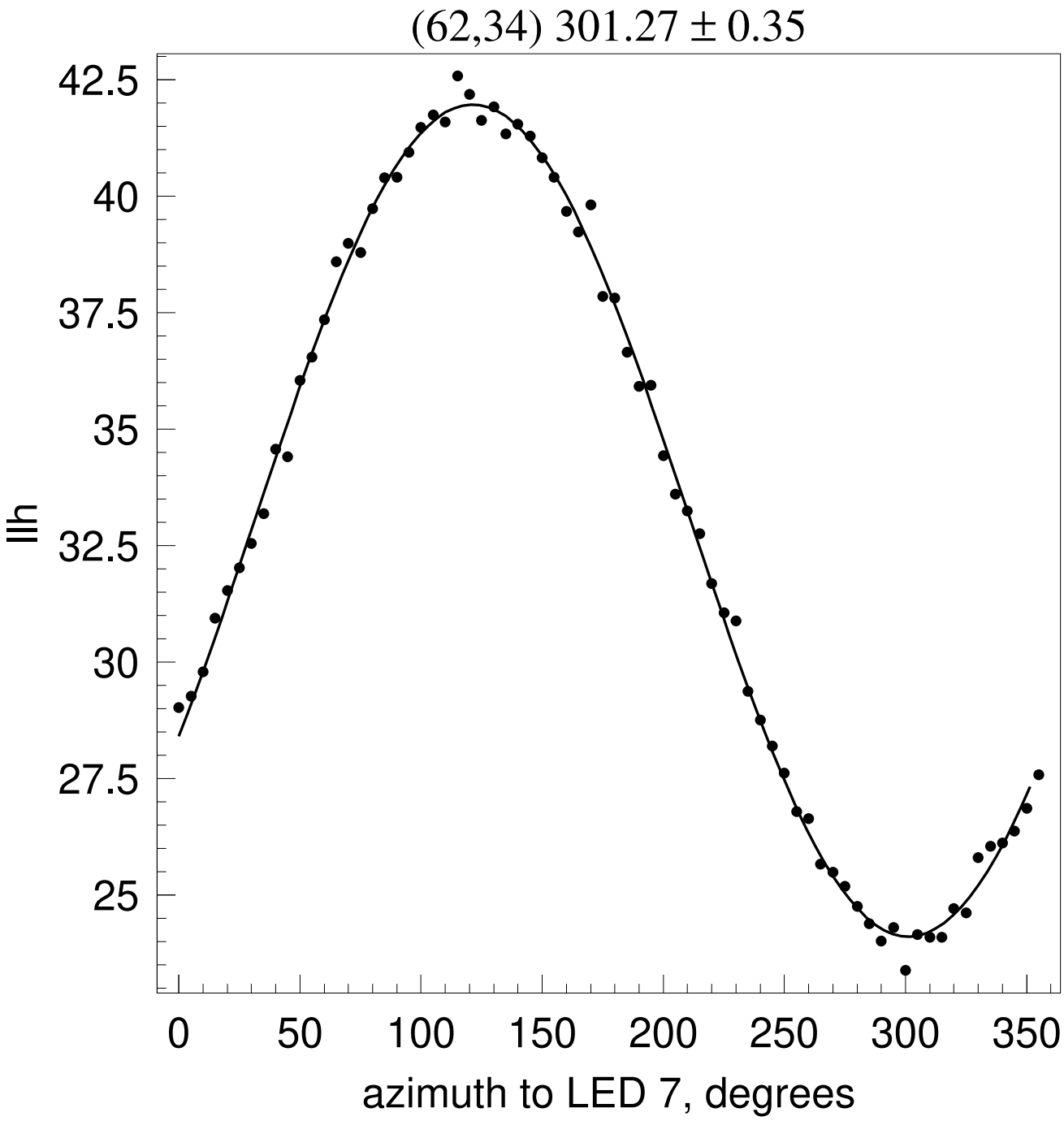

(62,29) 340.06 ± 0.48
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

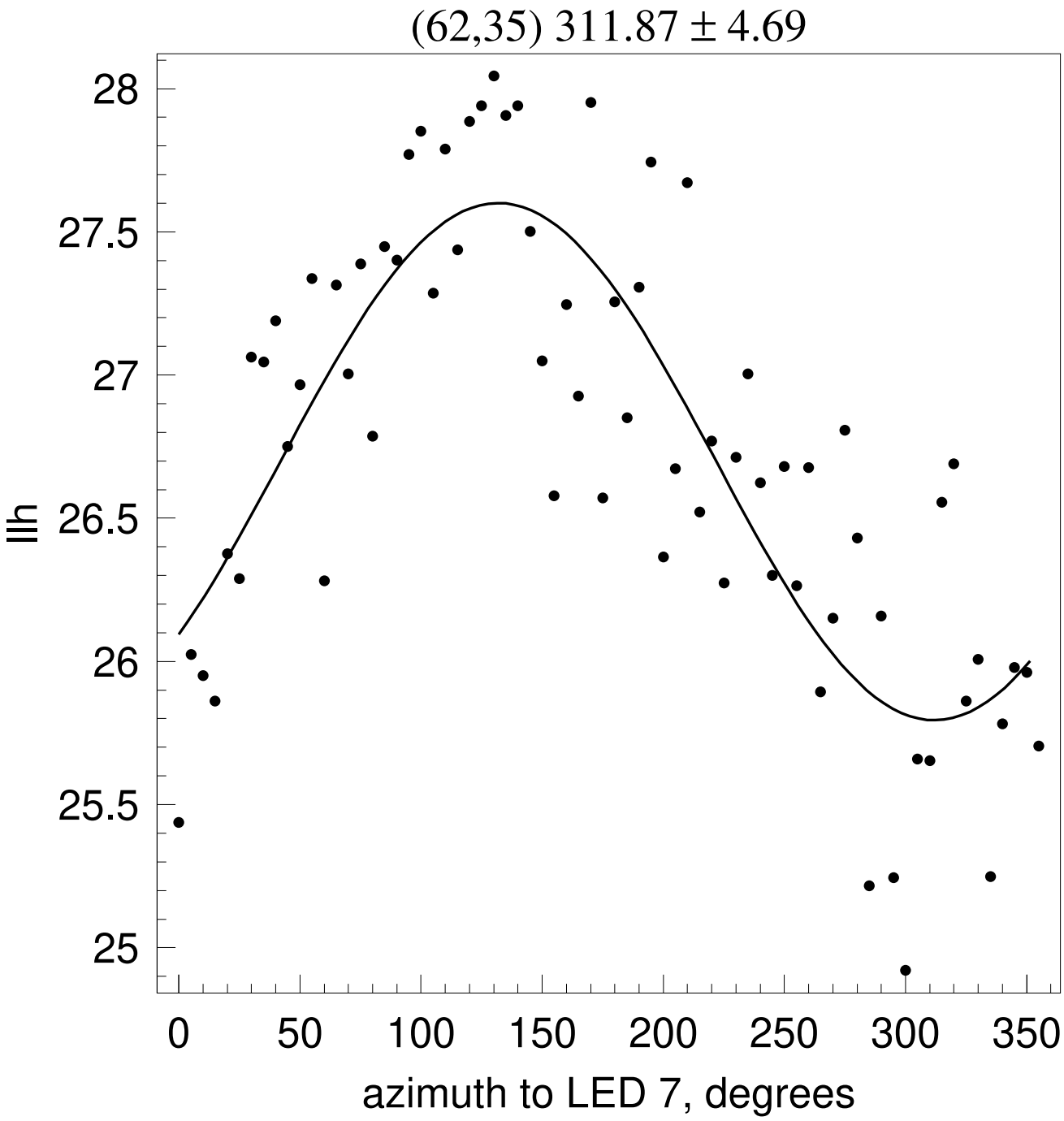

(62,30) 261.34 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

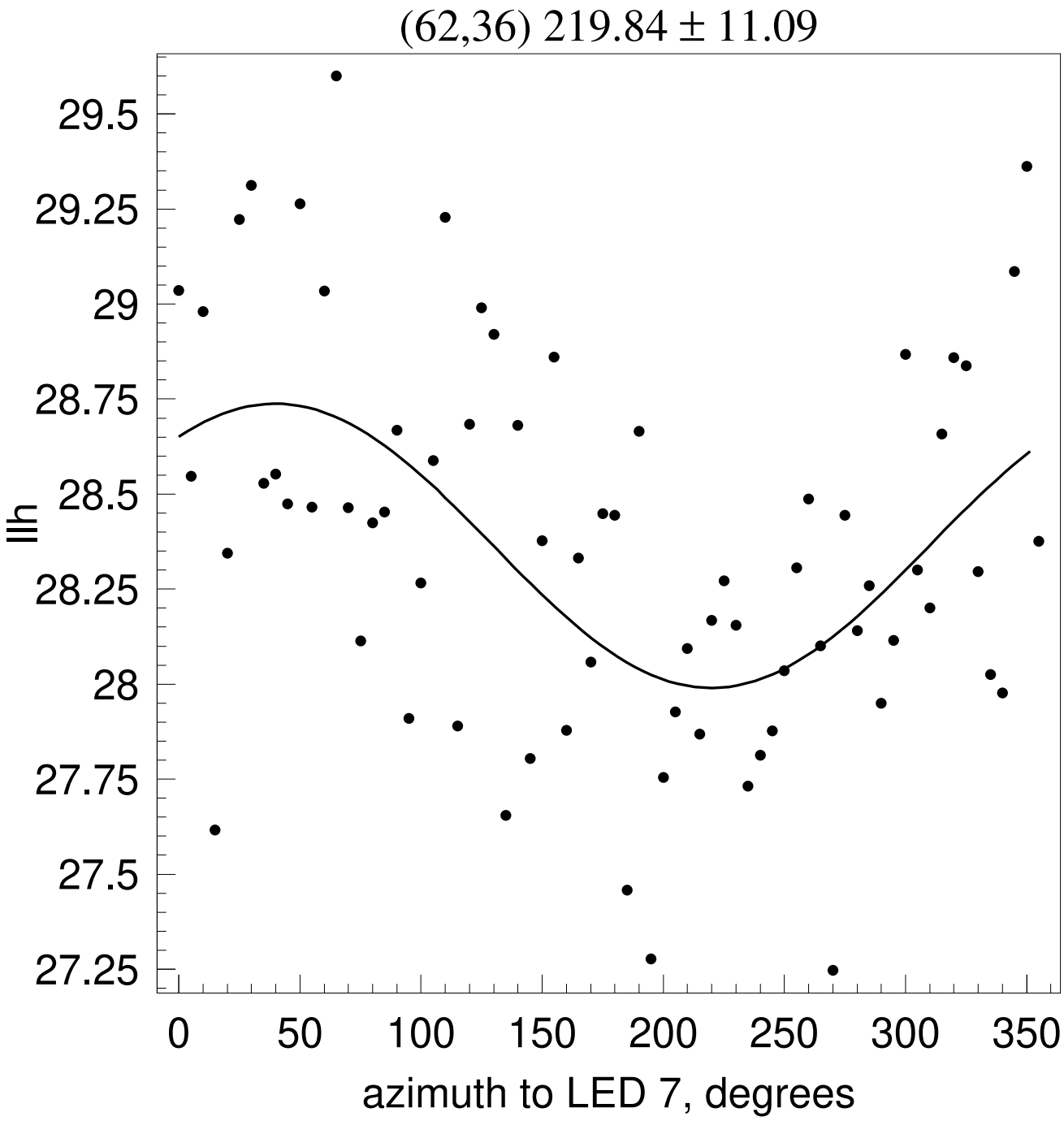

(62,31) 297.54 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

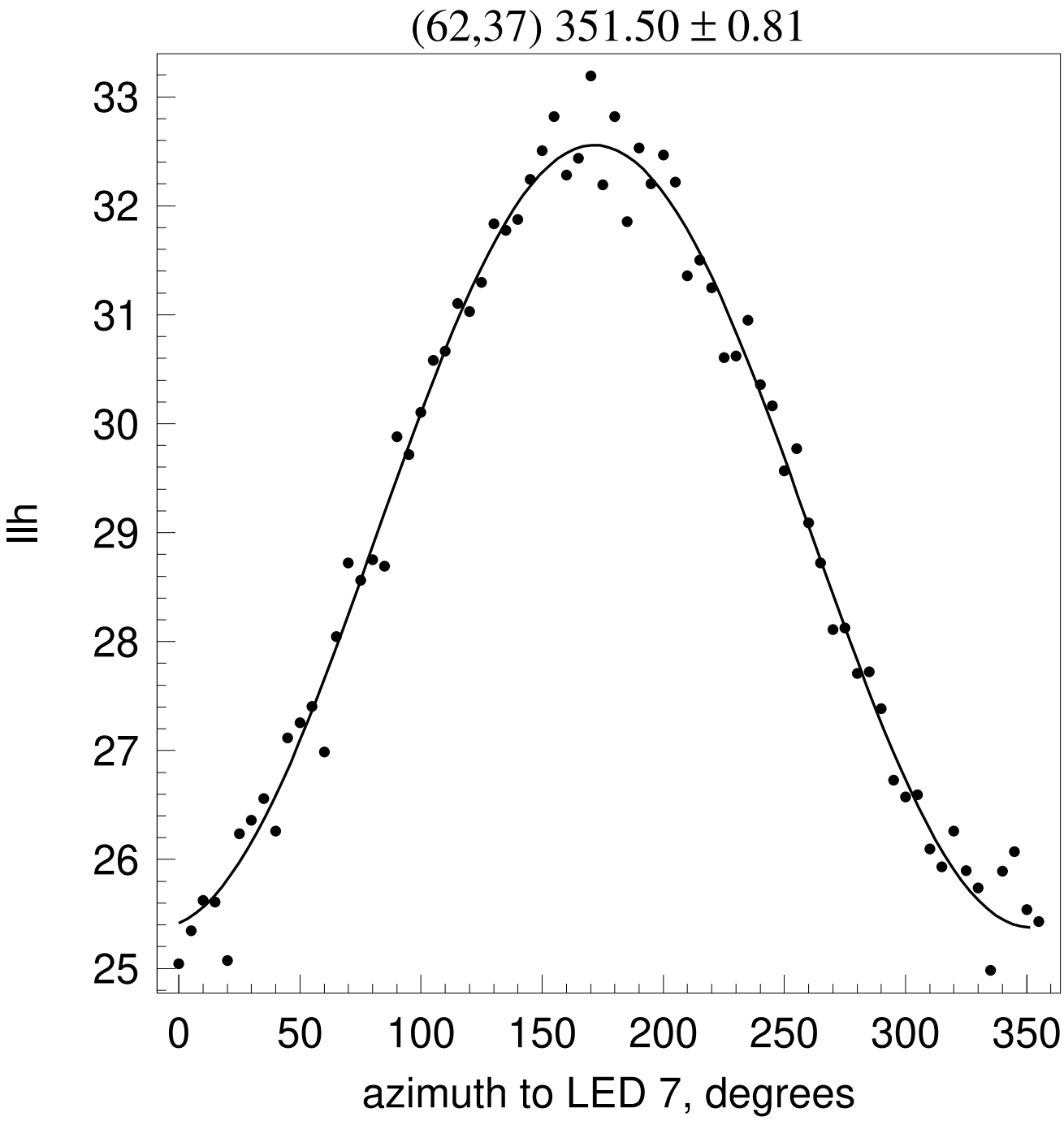

(62,32) 202.51 ± 0.12
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

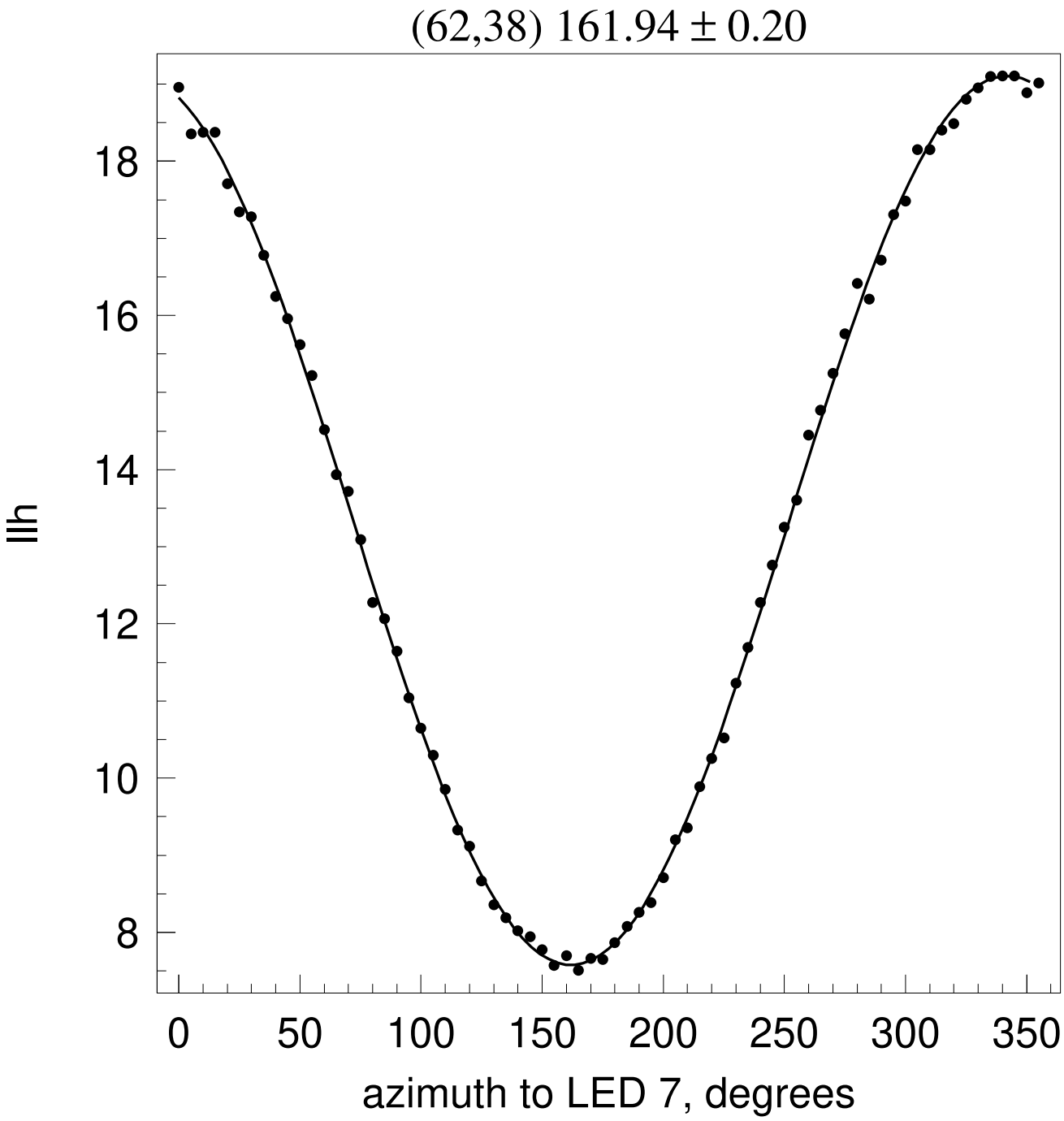

(62,33) 151.04 ± 0.23
42.5
40
37.5
35
32.5
30
27.5
25
22.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

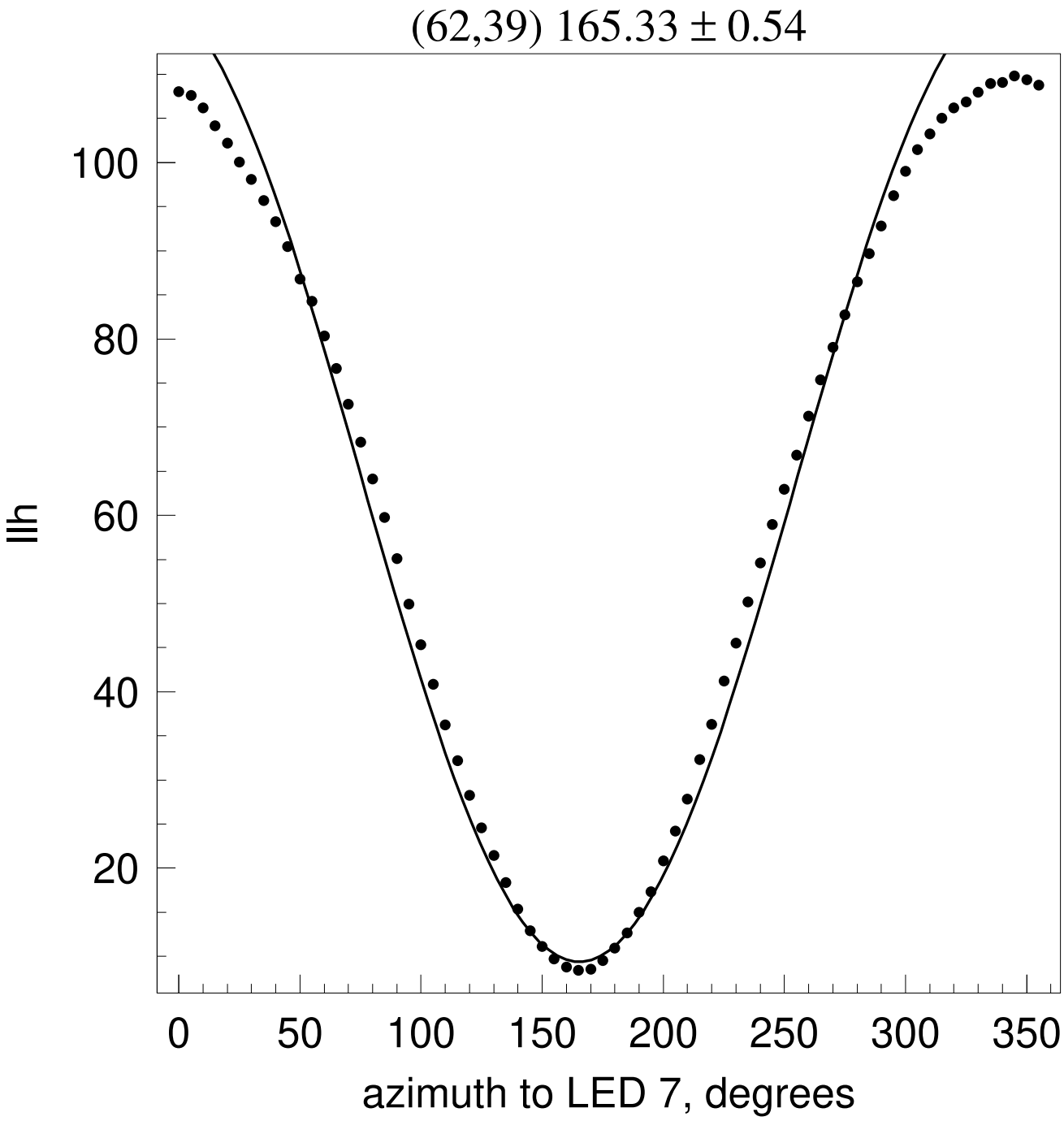

(62,34) 301.27 ± 0.35
42.5
40
37.5
35
32.5
30
27.5
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

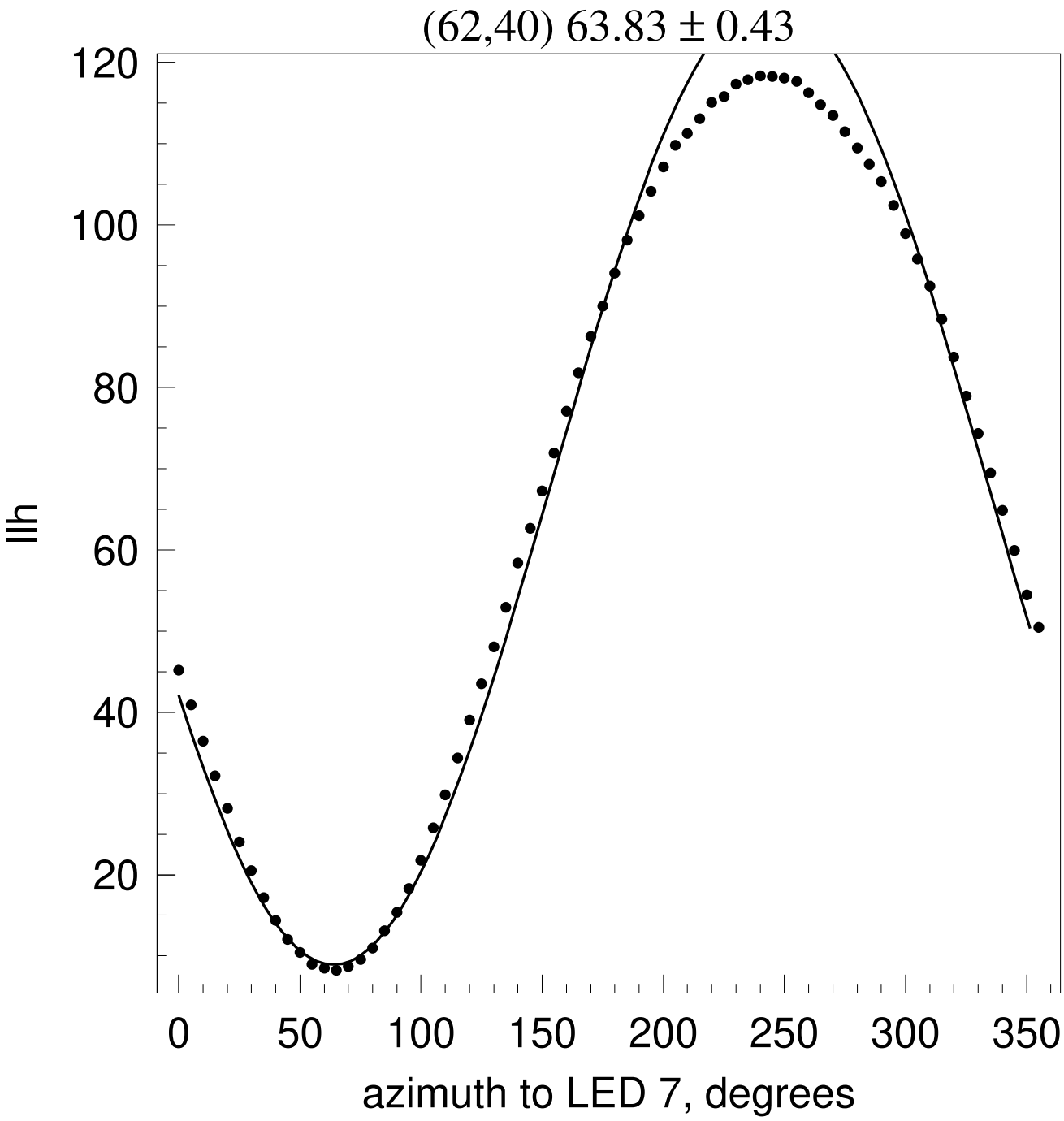

(62,35) 311.87 ± 4.69
28
27.5
27
26.5
26
25.5
25
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

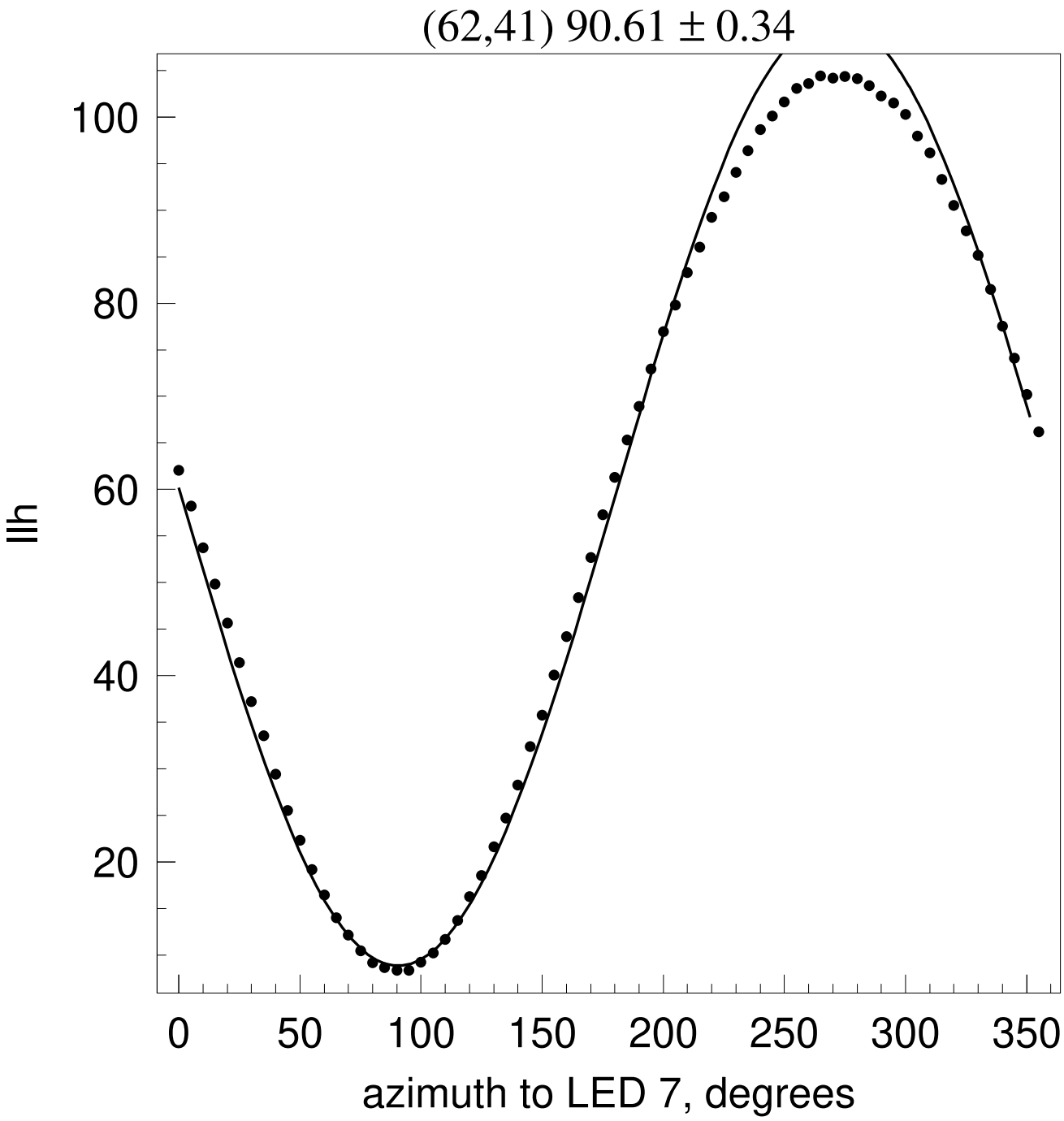

(62,36) 219.84 ± 11.09
29.5
29.25
29
28.75
28.5
28.25
28
27.75
27.5
27.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

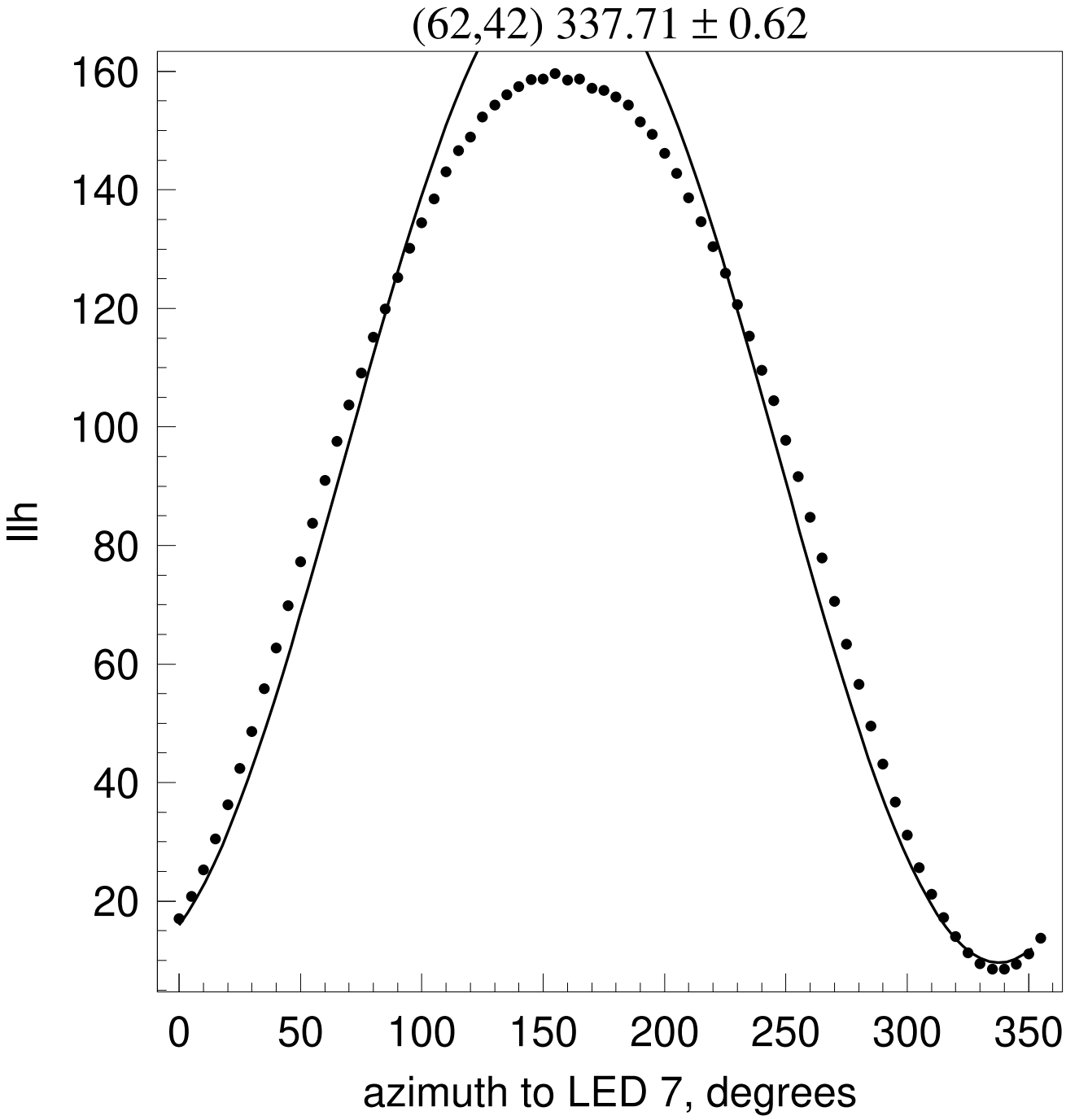

(62,37) 351.50 ± 0.81
33
32
31
30
29
28
27
26
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

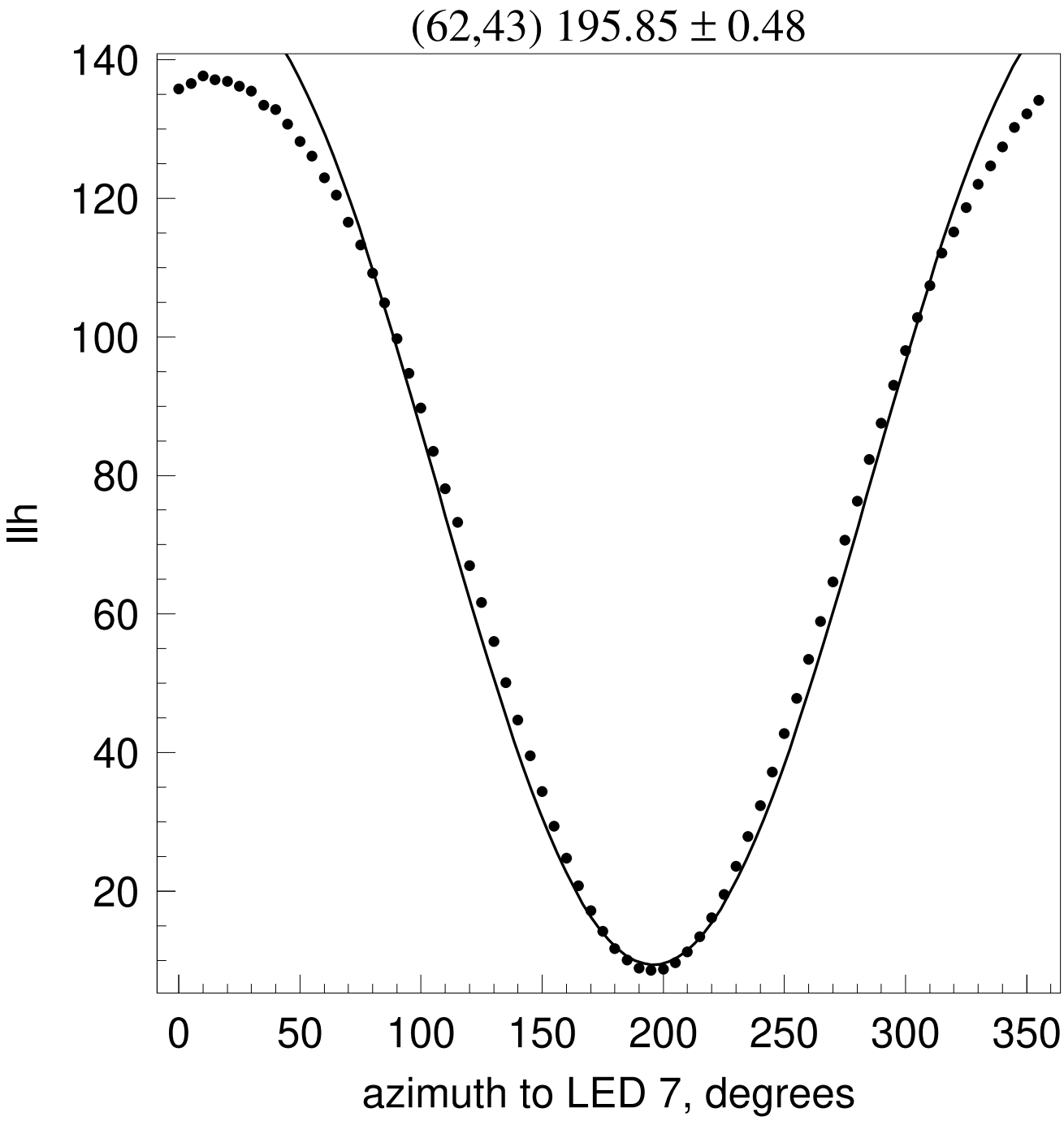

(62,38) 161.94 ± 0.20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

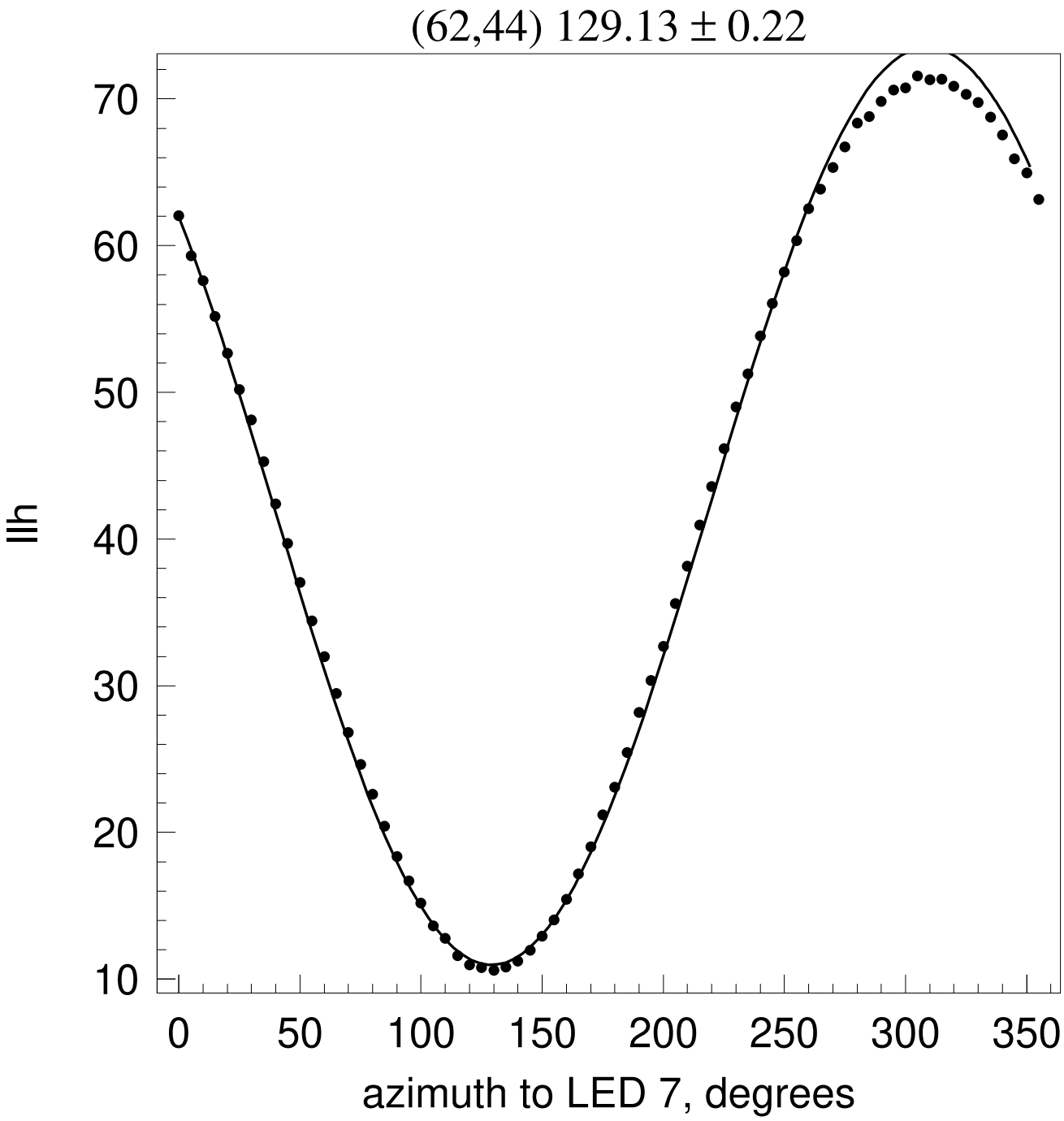

(62,39) 165.33 ± 0.54
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

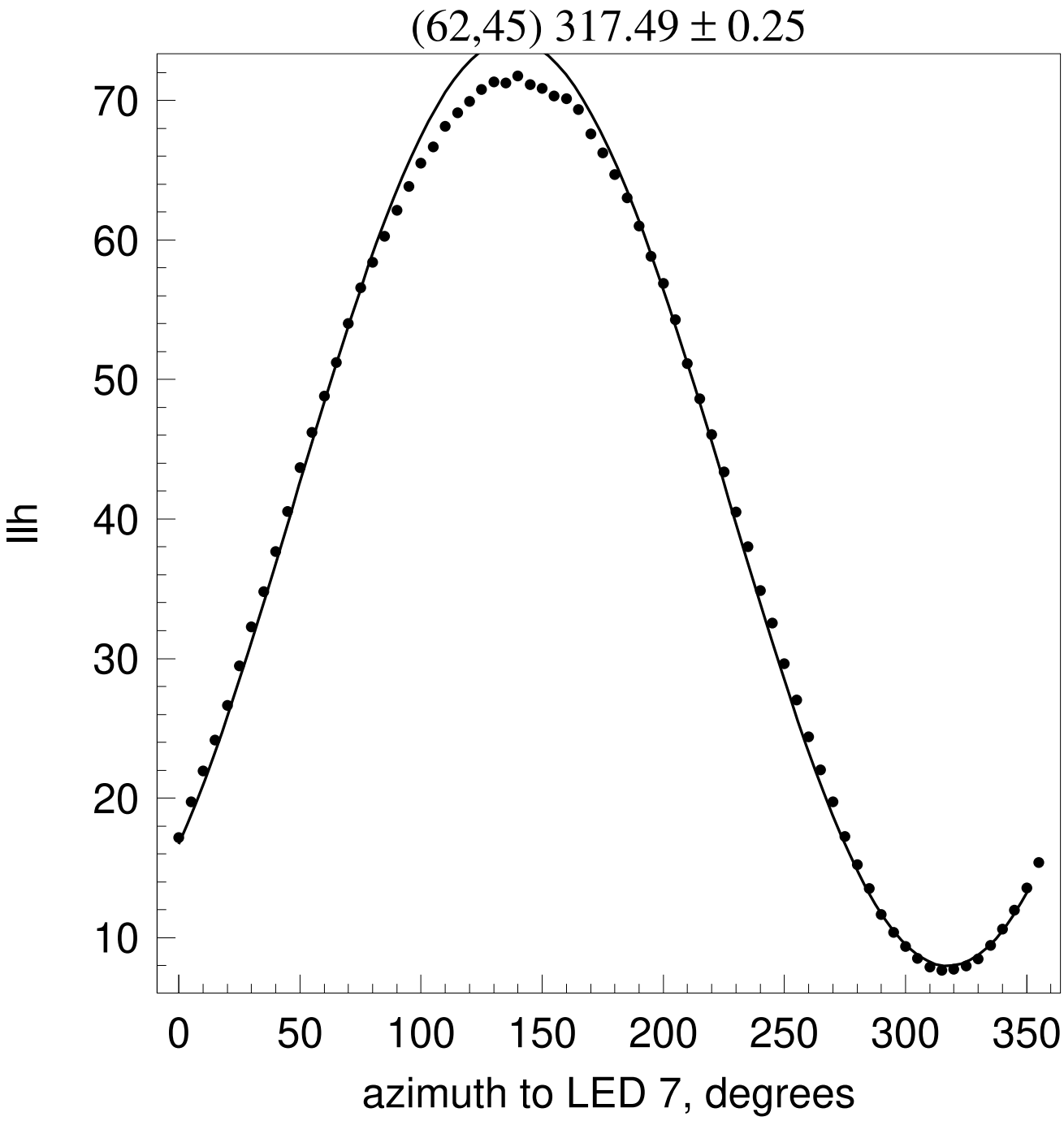

(62,40) 63.83 ± 0.43
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

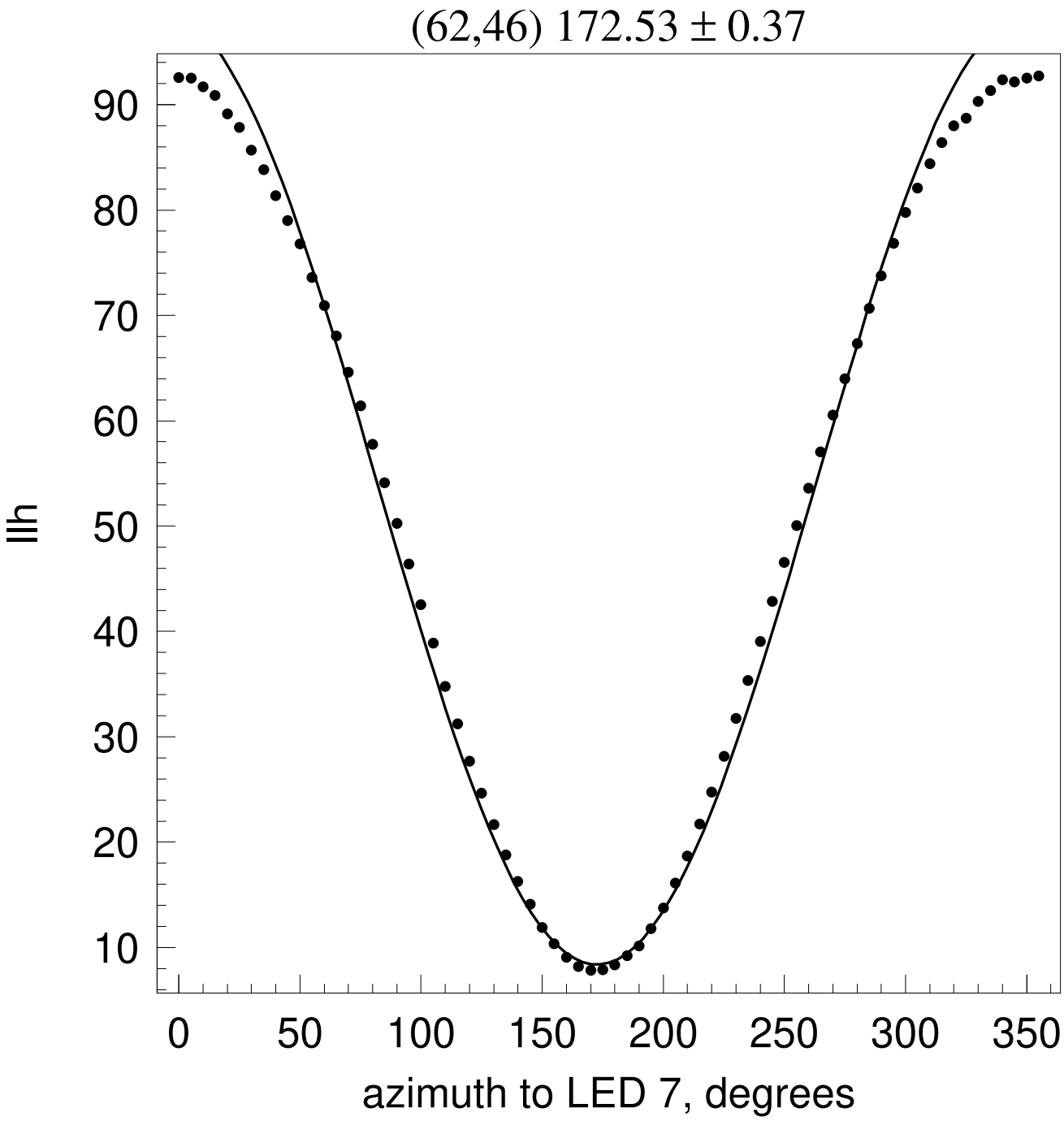

(62,41) 90.61 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

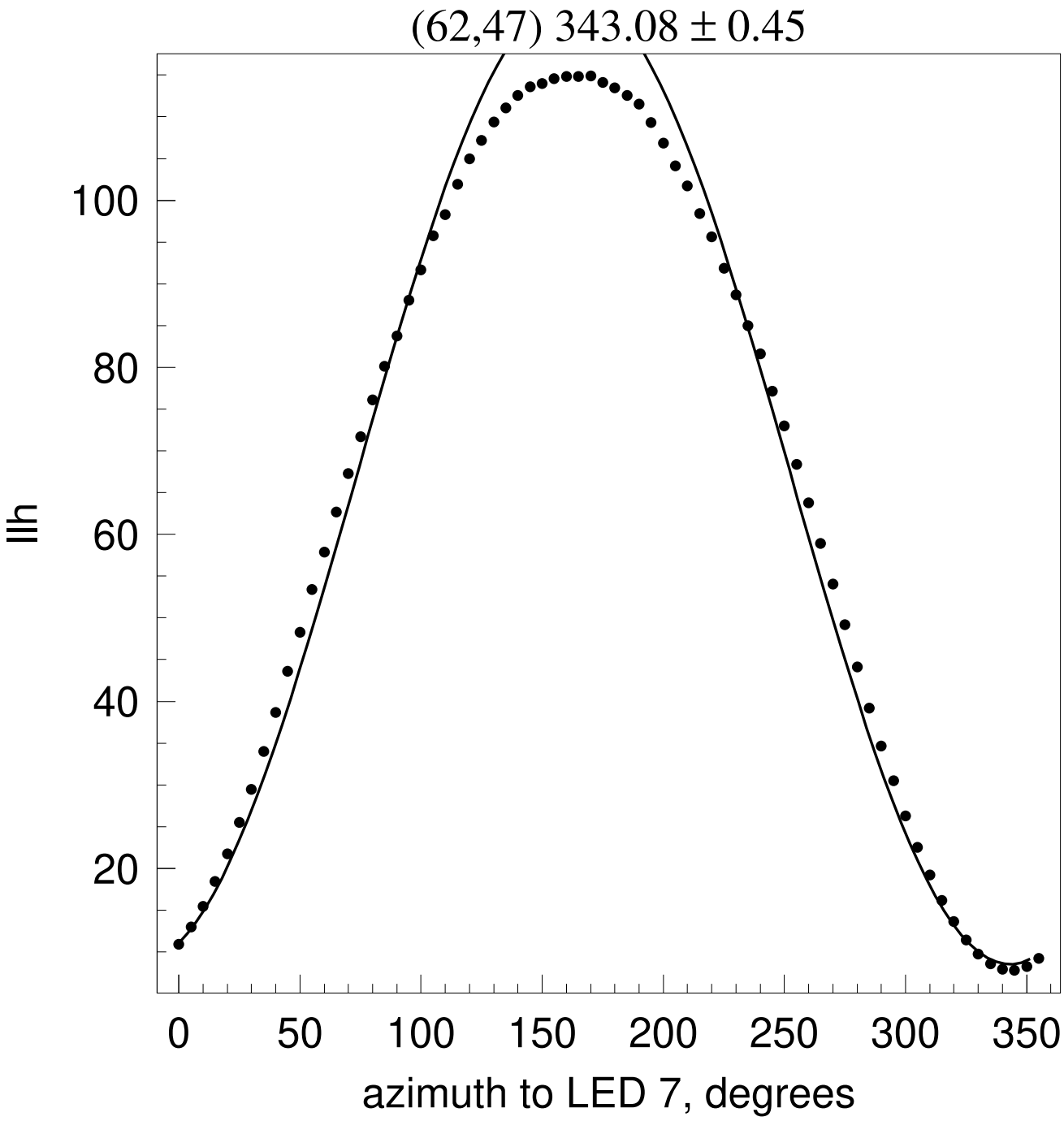

(62,42) 337.71 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

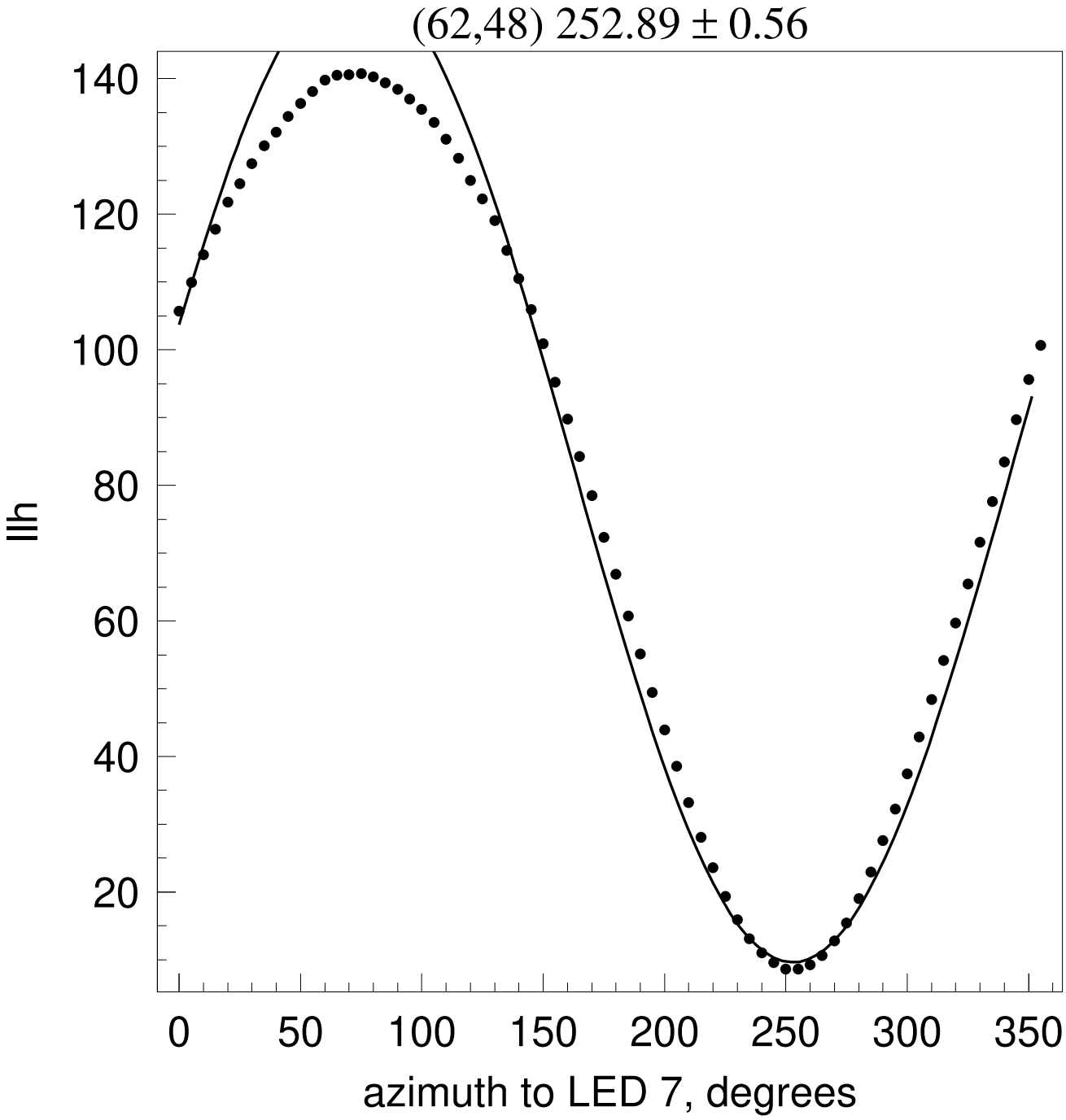

(62,43) 195.85 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

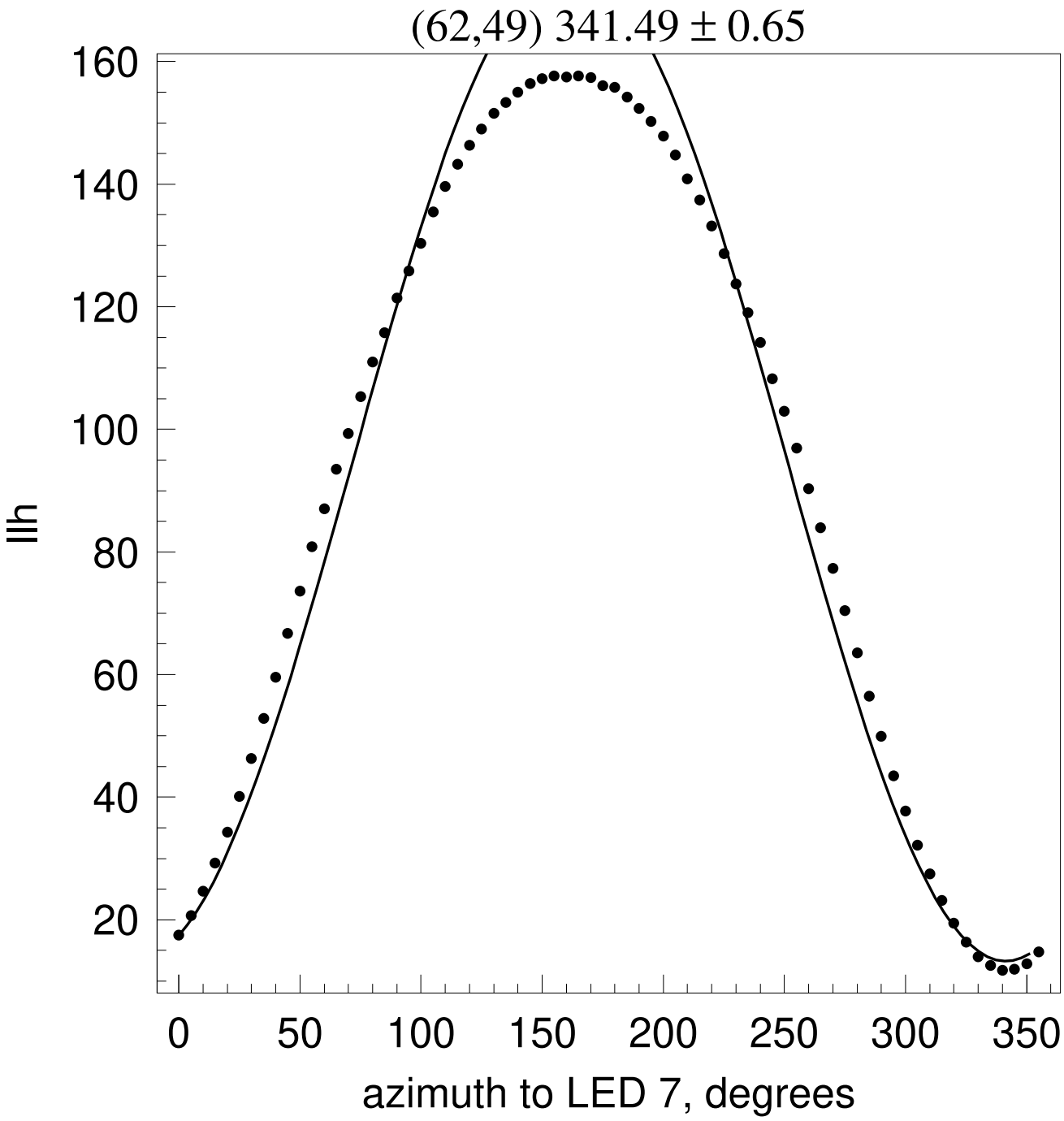

(62,44) 129.13 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

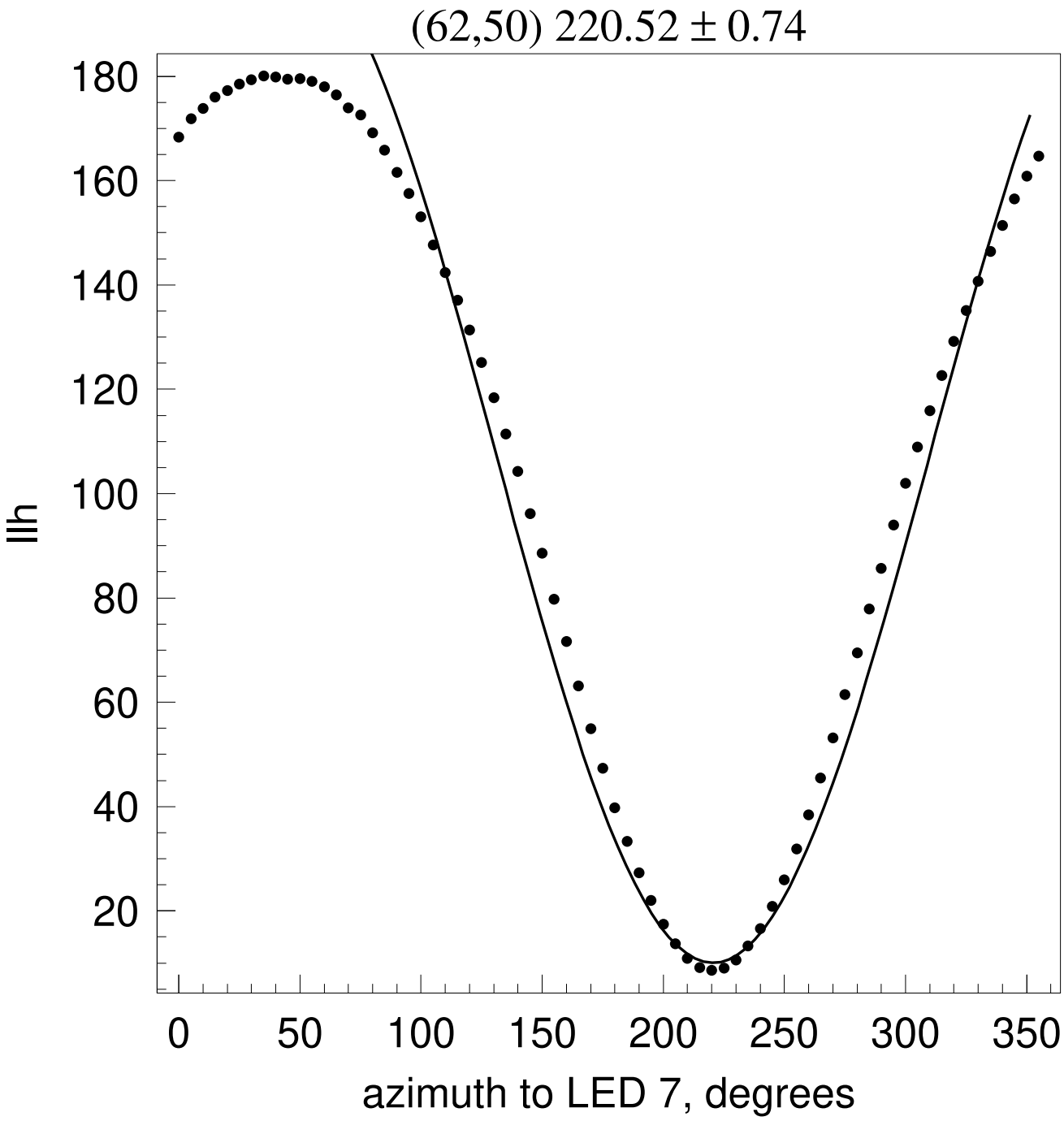

(62,45) 317.49 ± 0.25
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

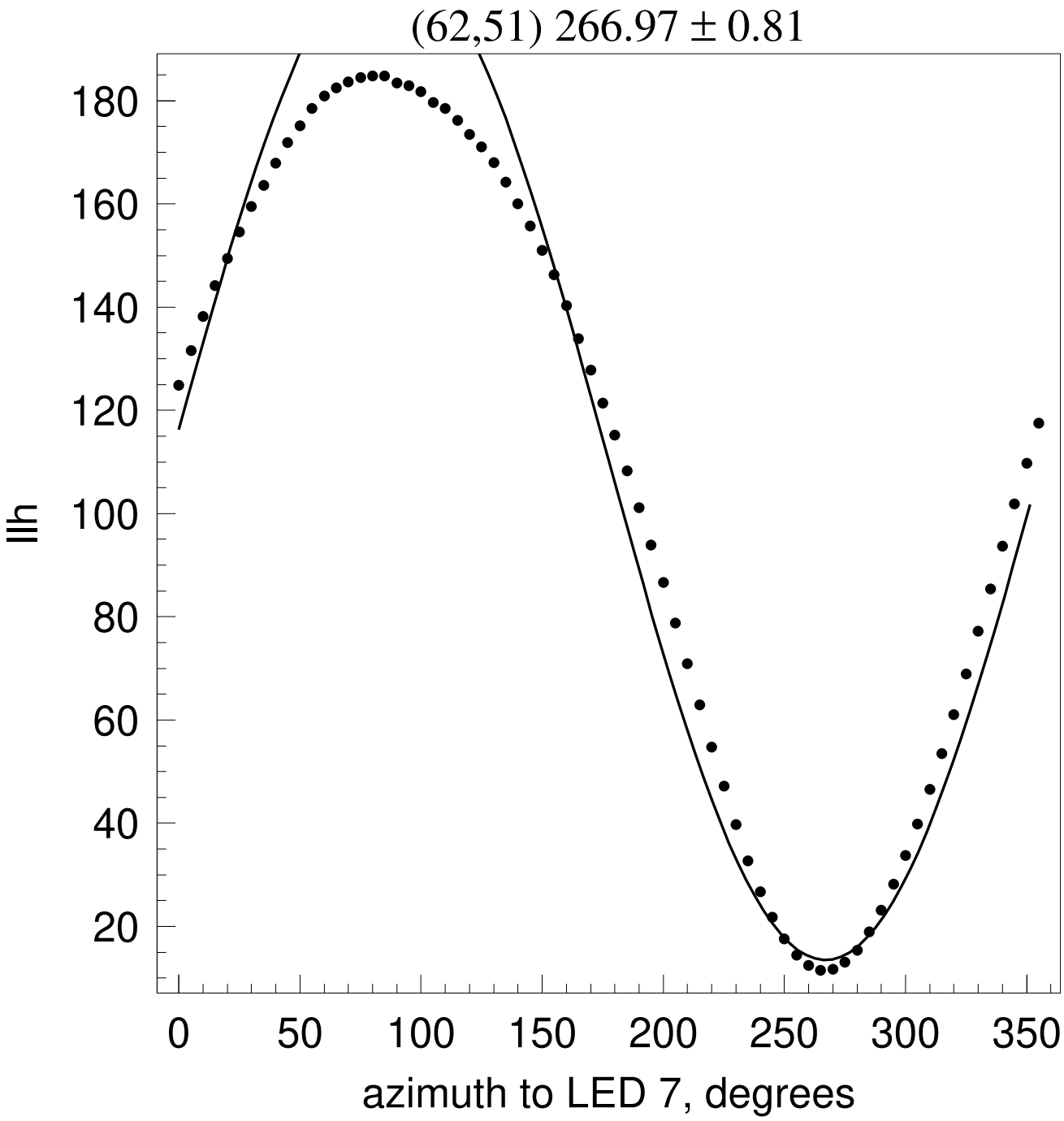

(62,46) 172.53 ± 0.37
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

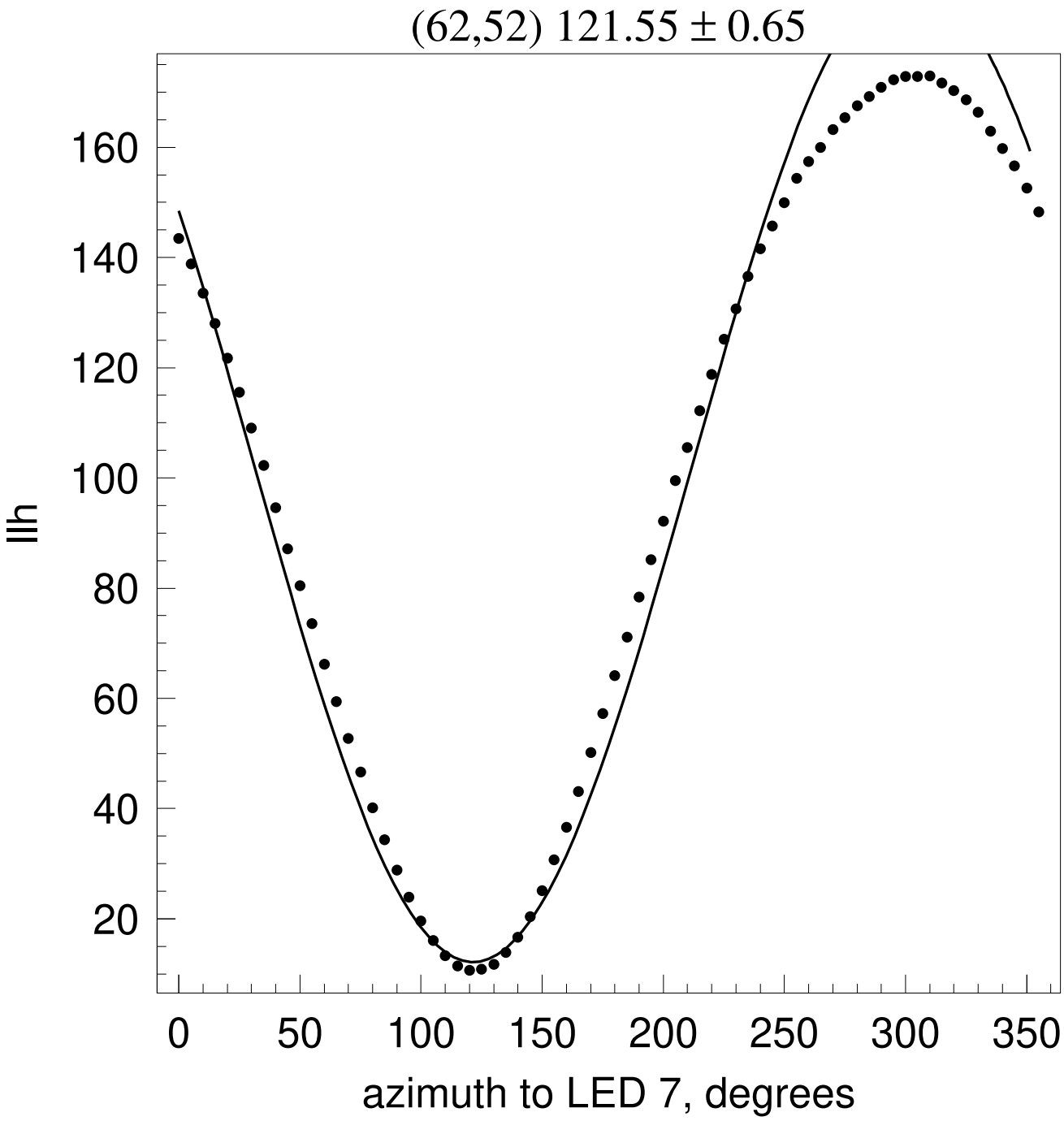

(62,47) 343.08 ± 0.45
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

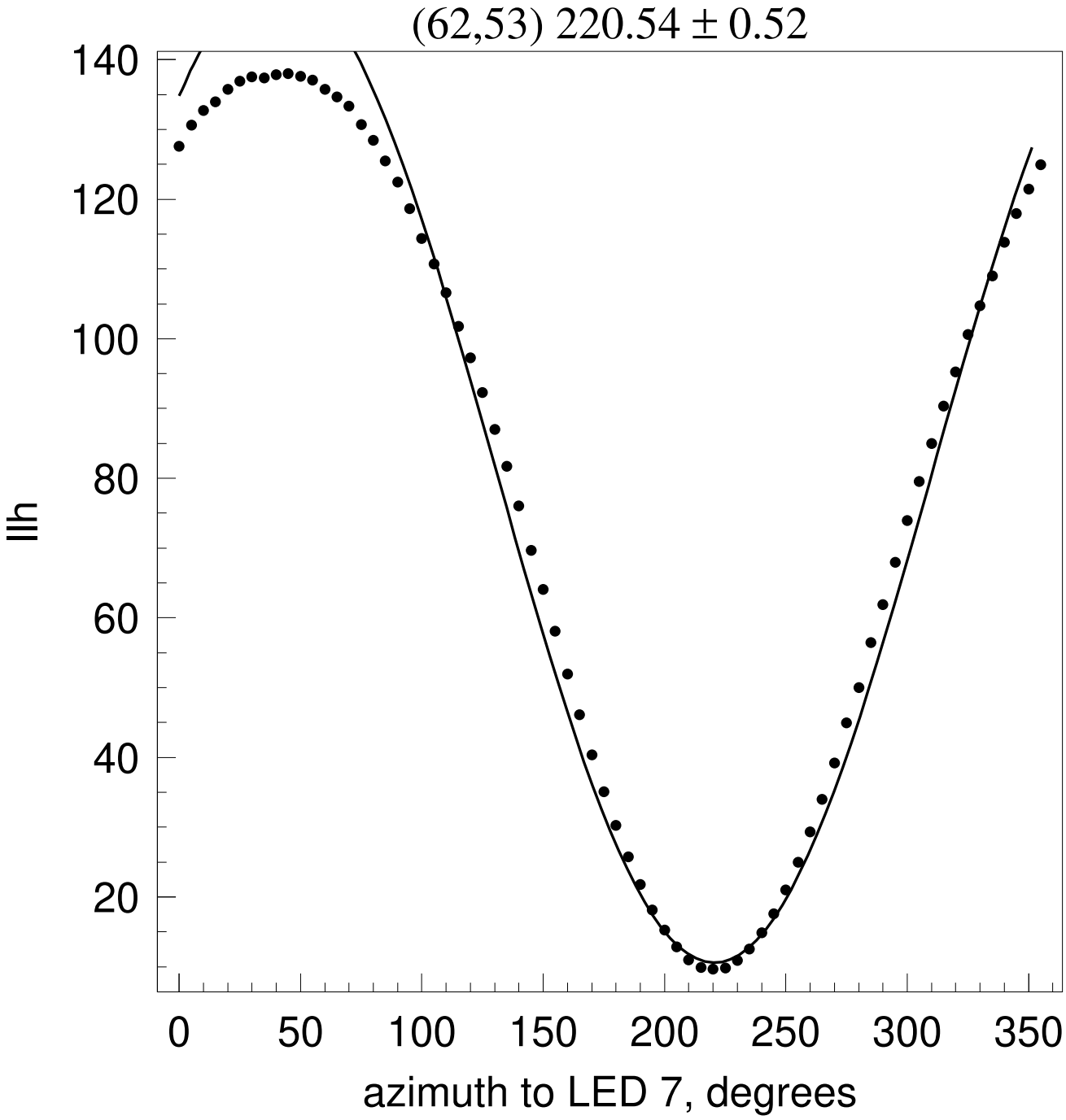

(62,48) 252.89 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

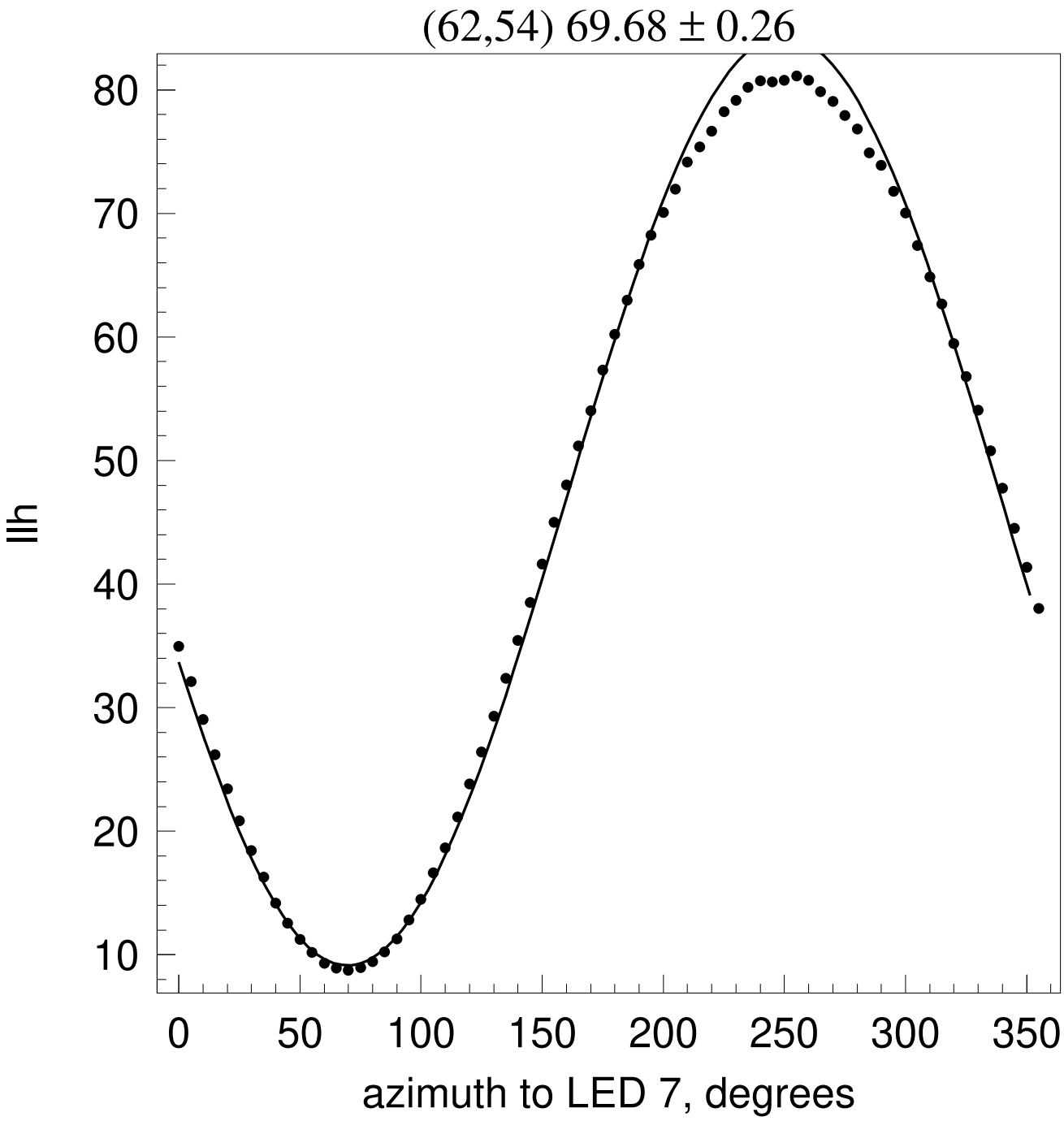

(62,49) 341.49 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

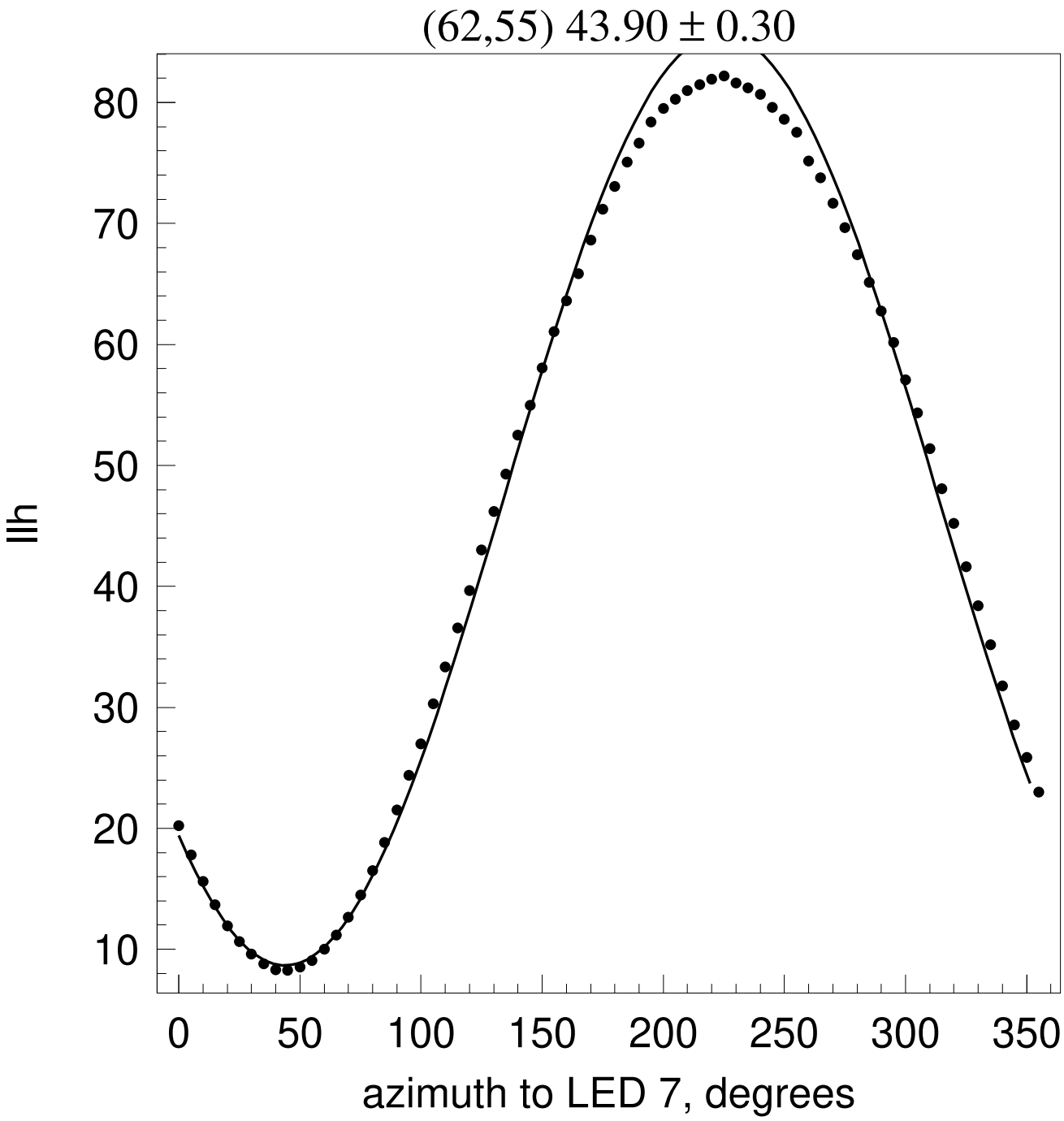

(62,50) 220.52 ± 0.74
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

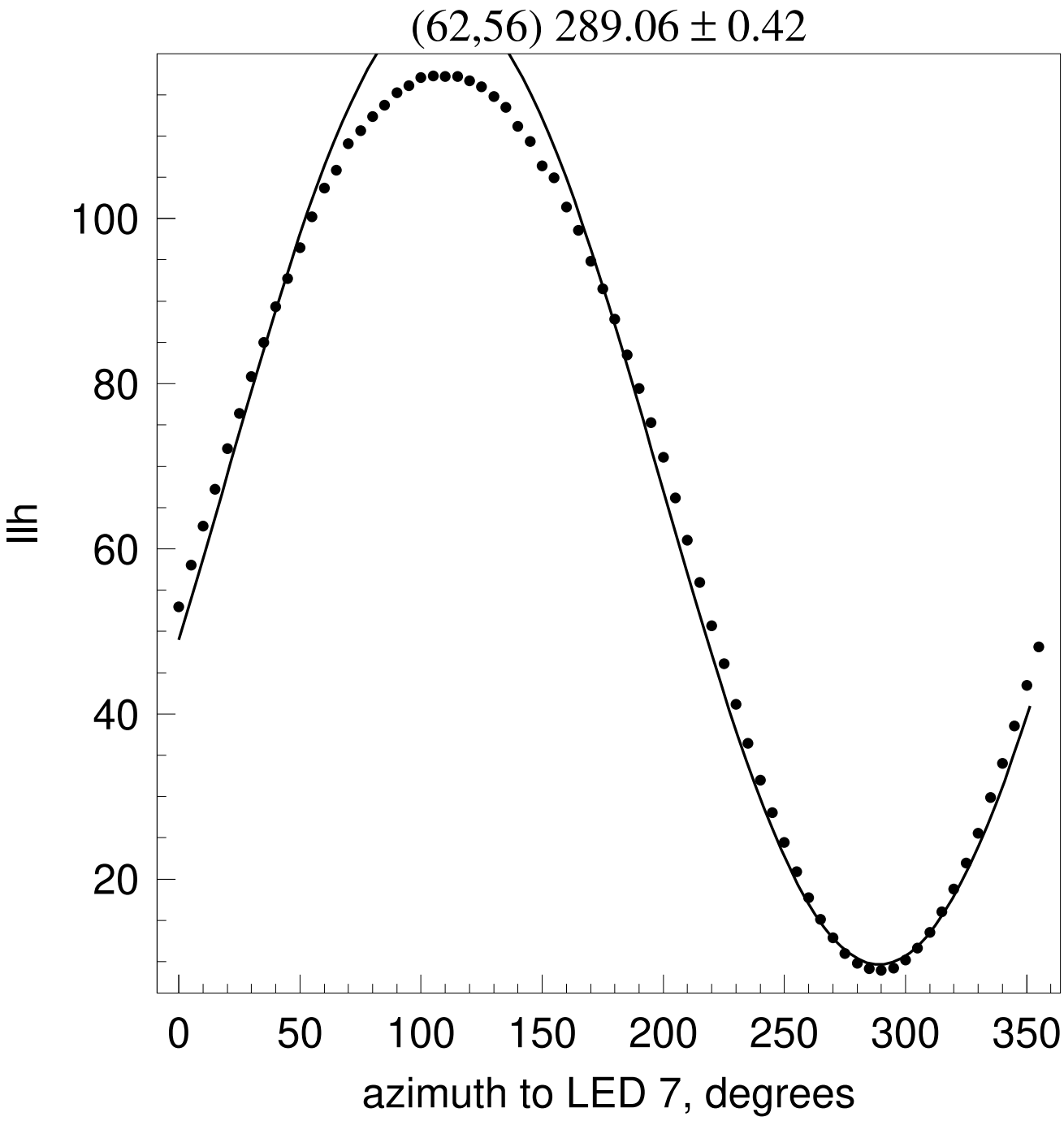

(62,51) 266.97 ± 0.81
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

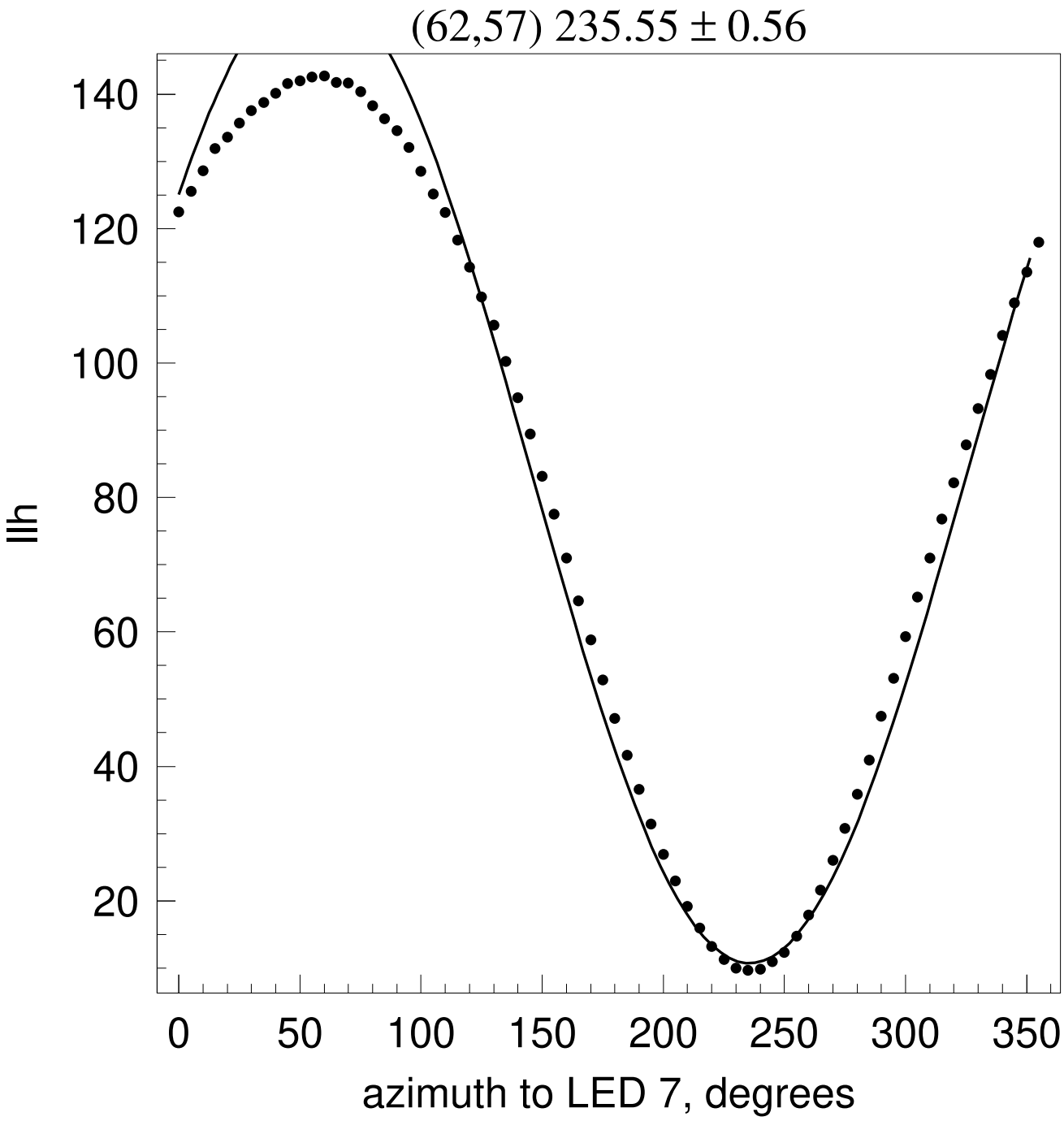

(62,52) 121.55 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

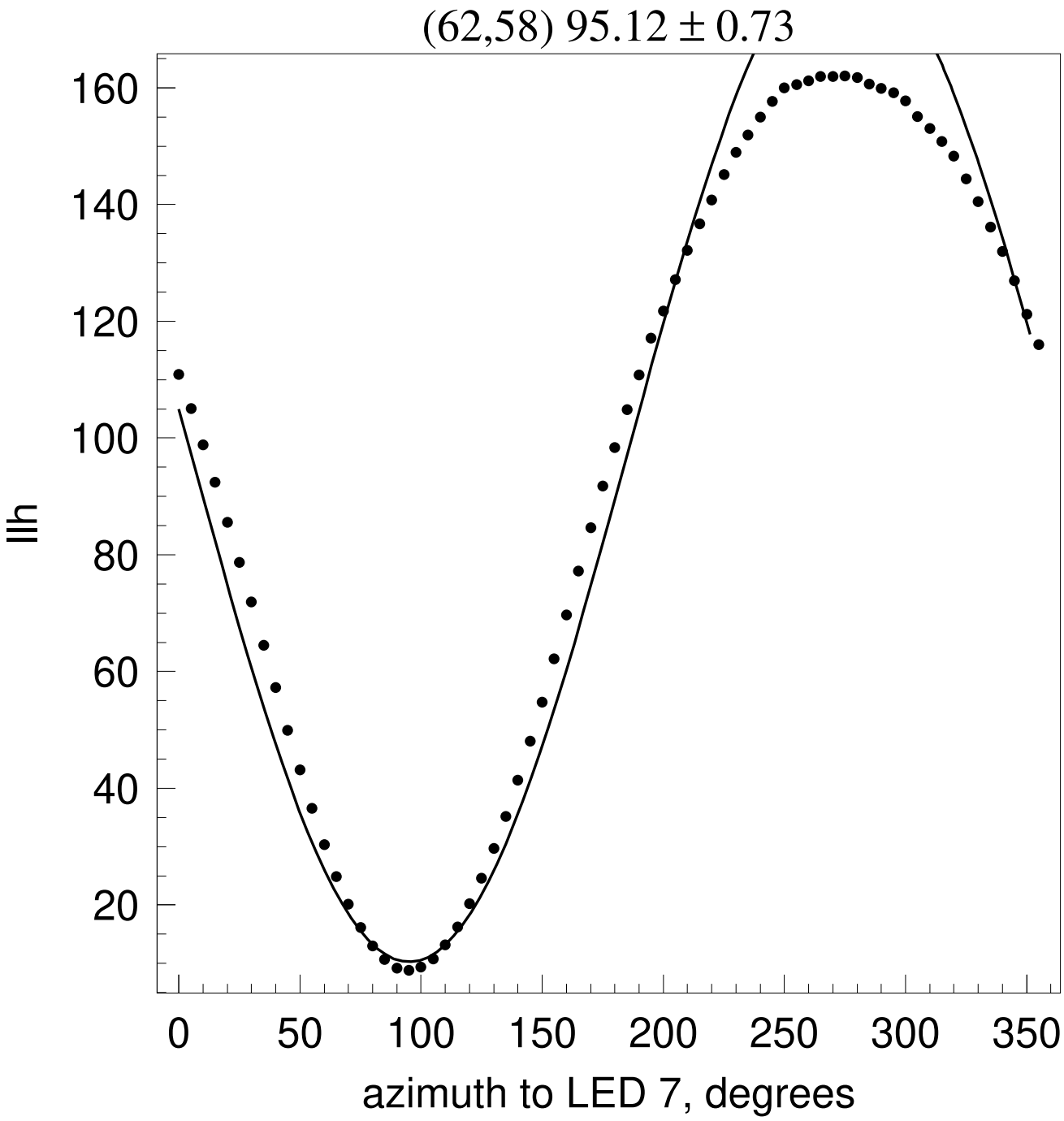

(62,53) 220.54 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

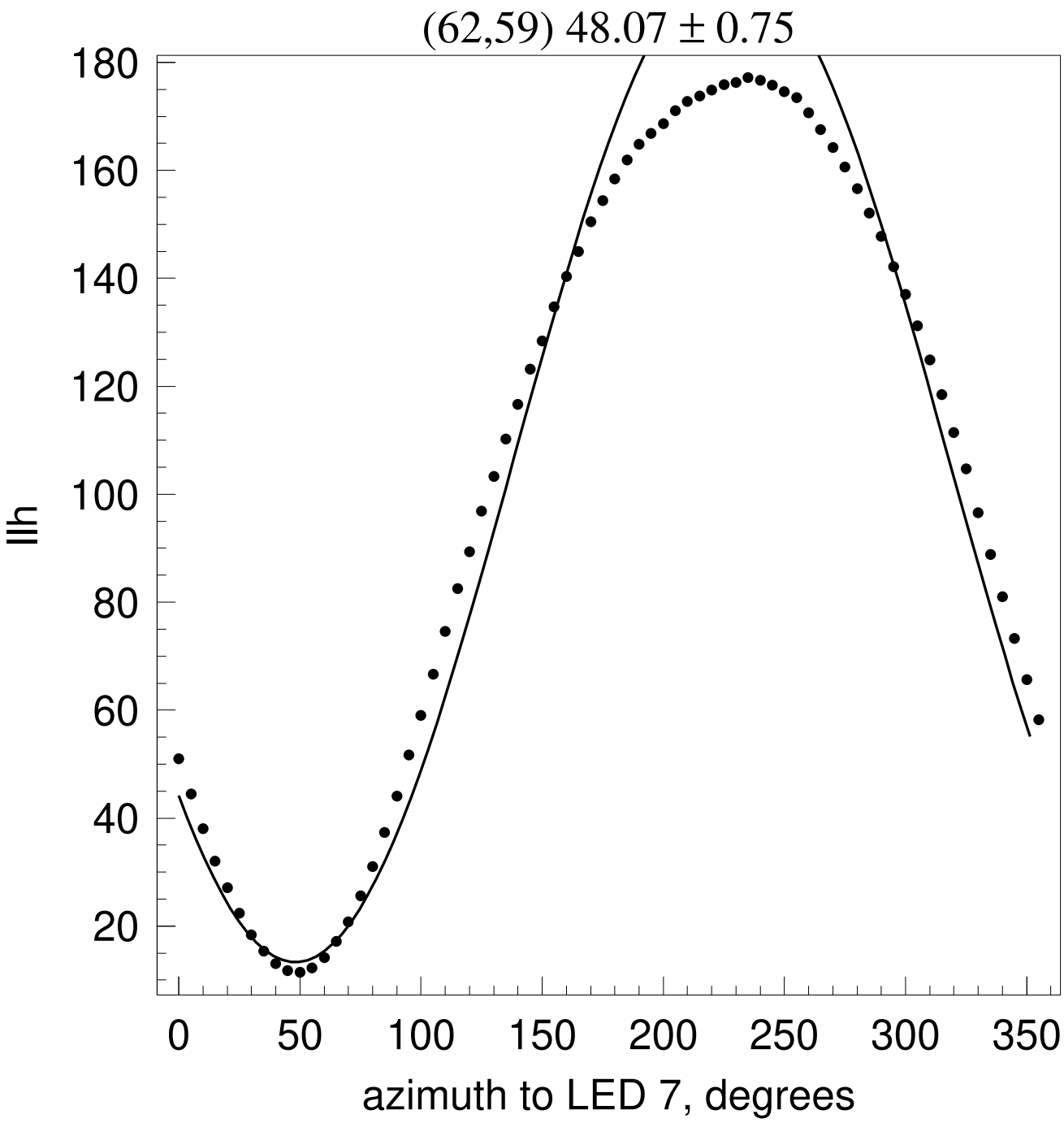

(62,54) 69.68 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

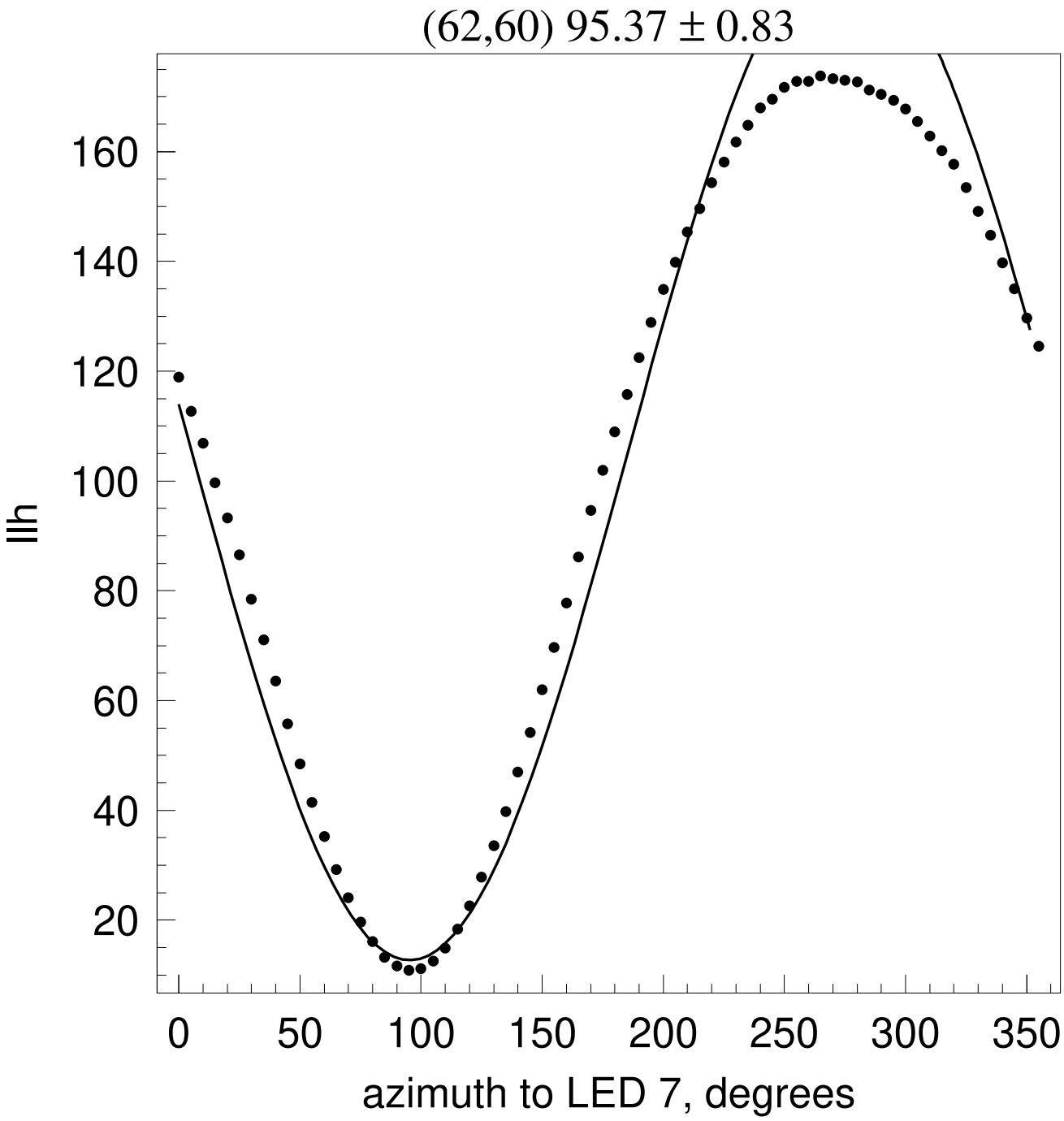

(62,55) 43.90 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

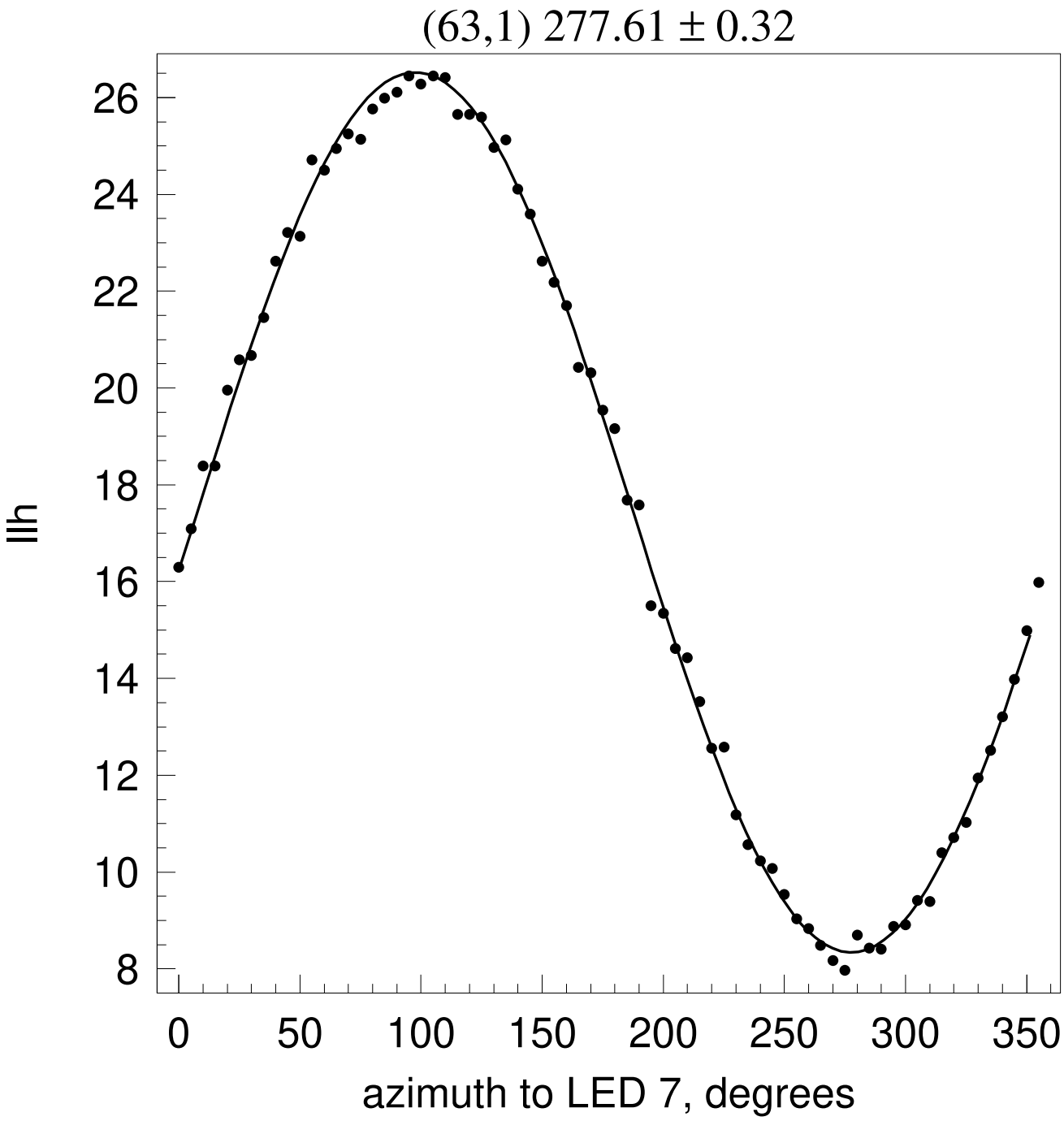

(62,56) 289.06 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

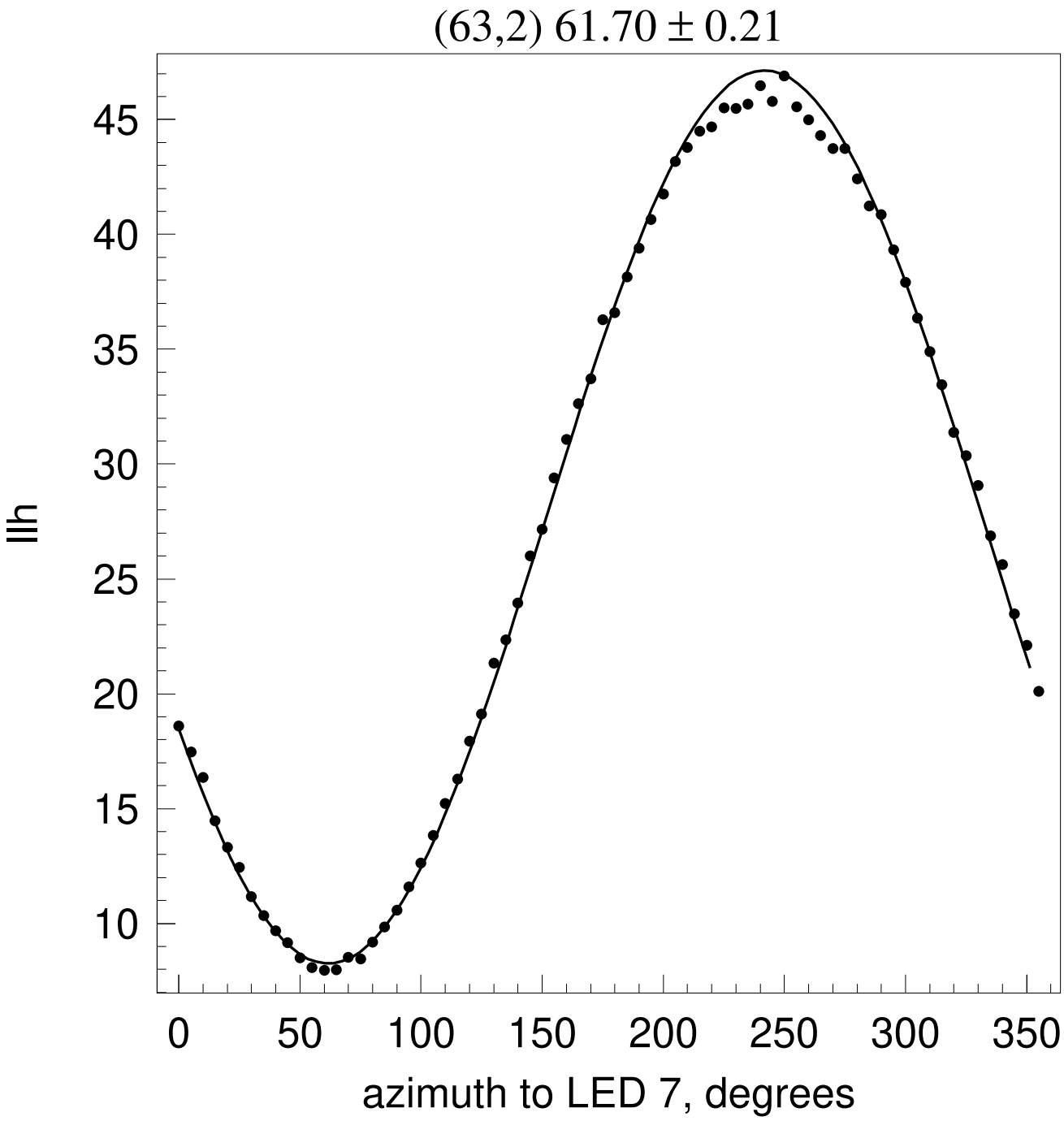

(62,57) 235.55 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

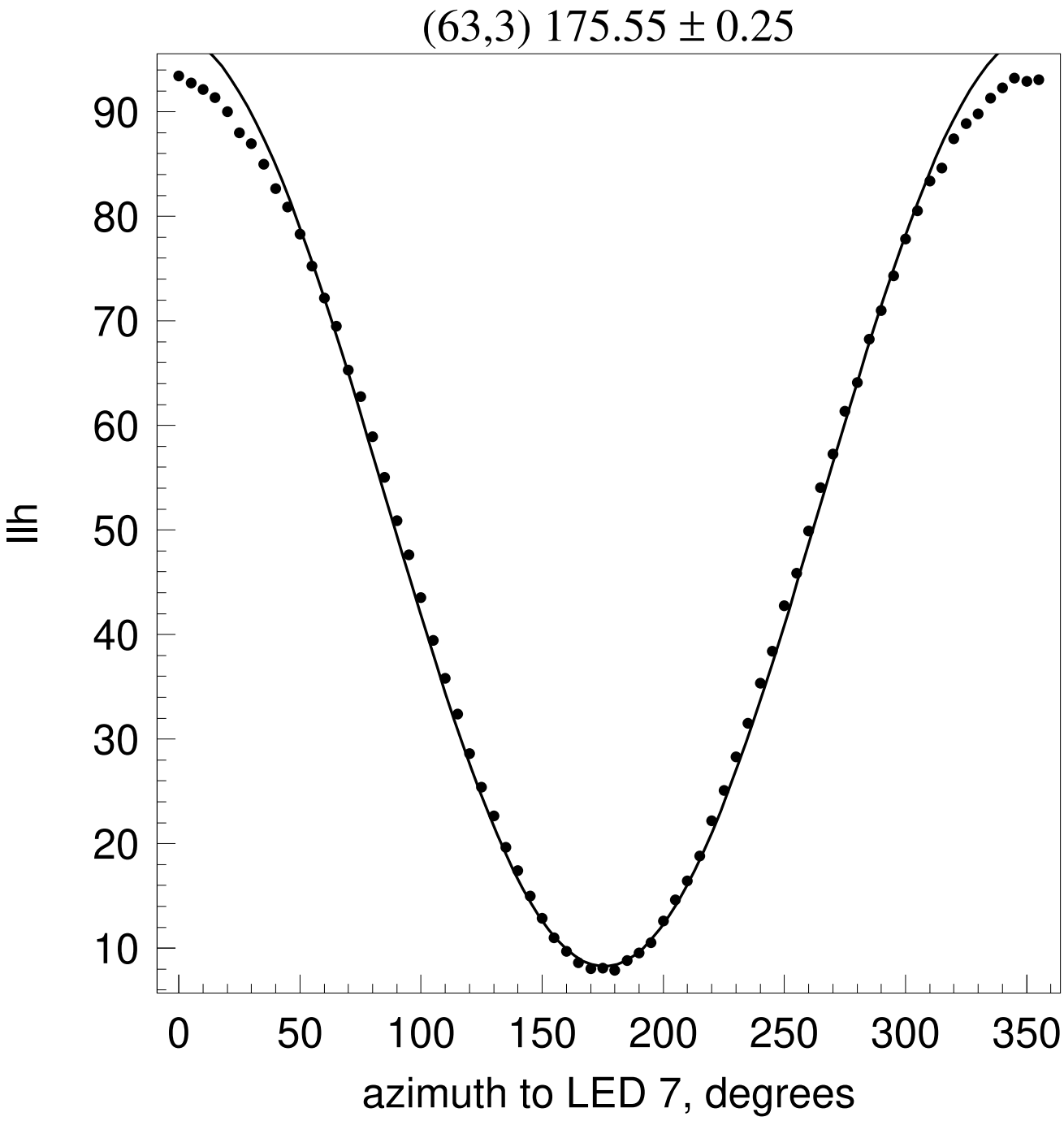

(62,58) 95.12 ± 0.73
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

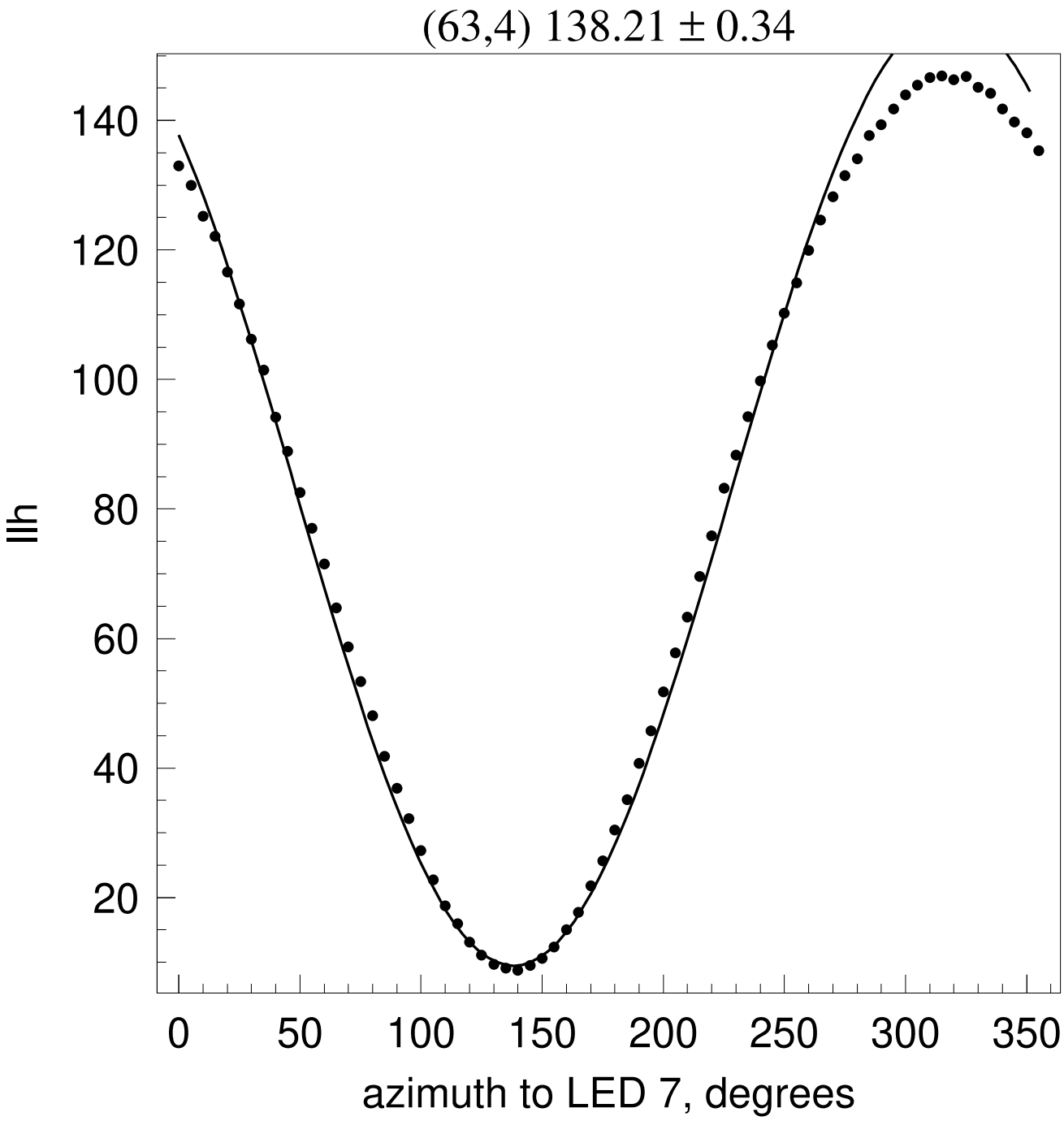

(62,59) 48.07 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

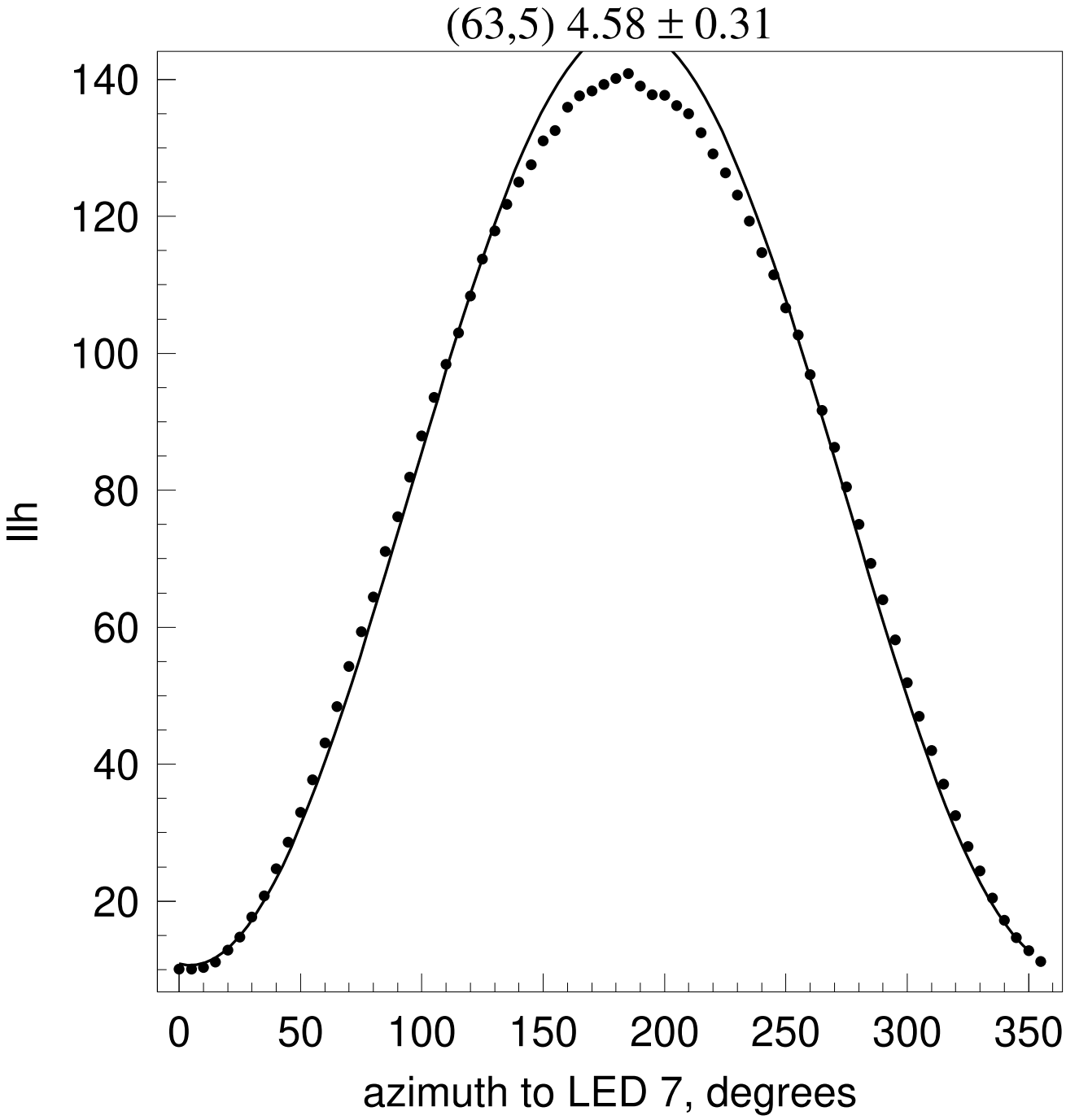

(62,60) 95.37 ± 0.83
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

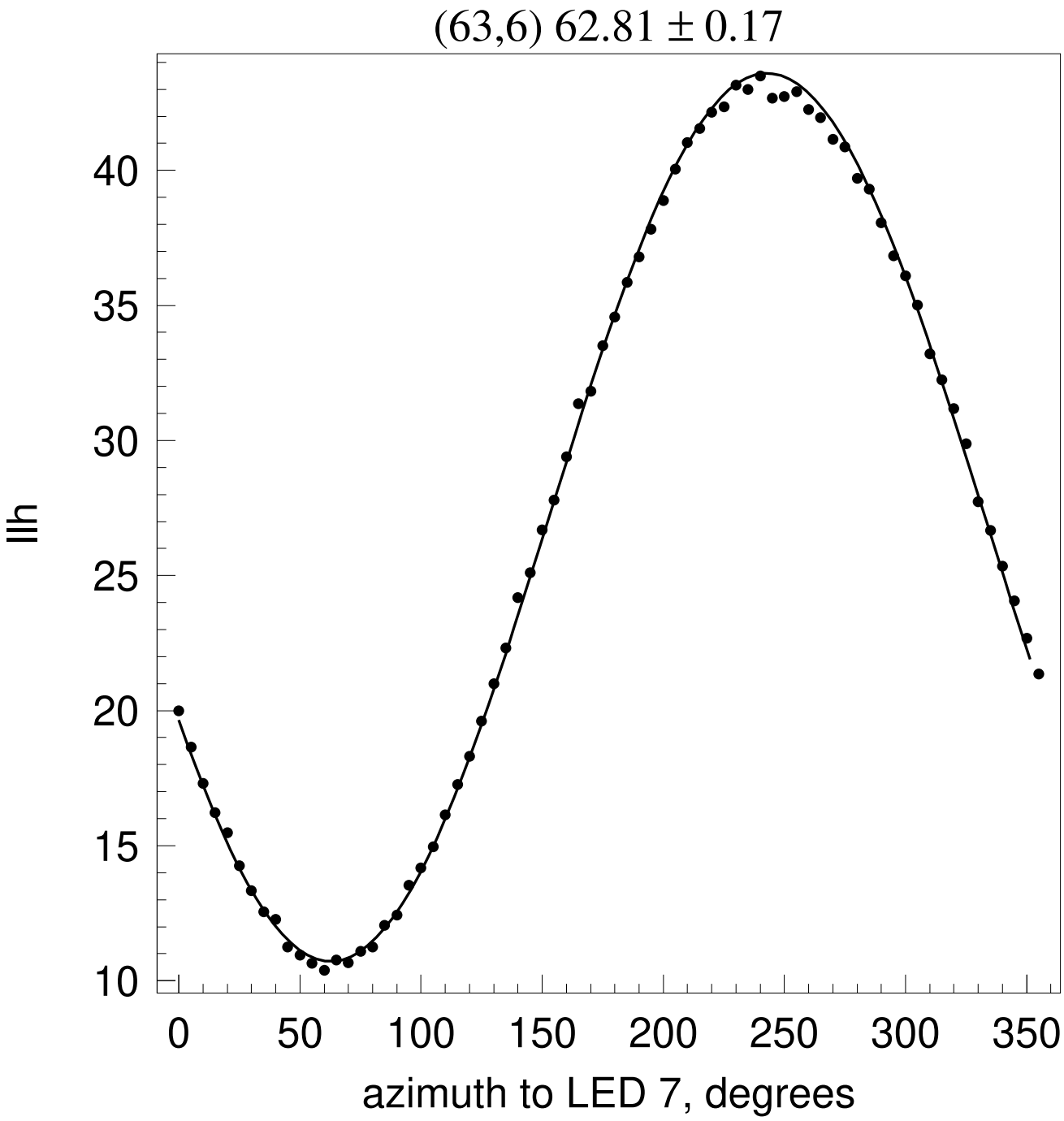

(63,1) 277.61 ± 0.32
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

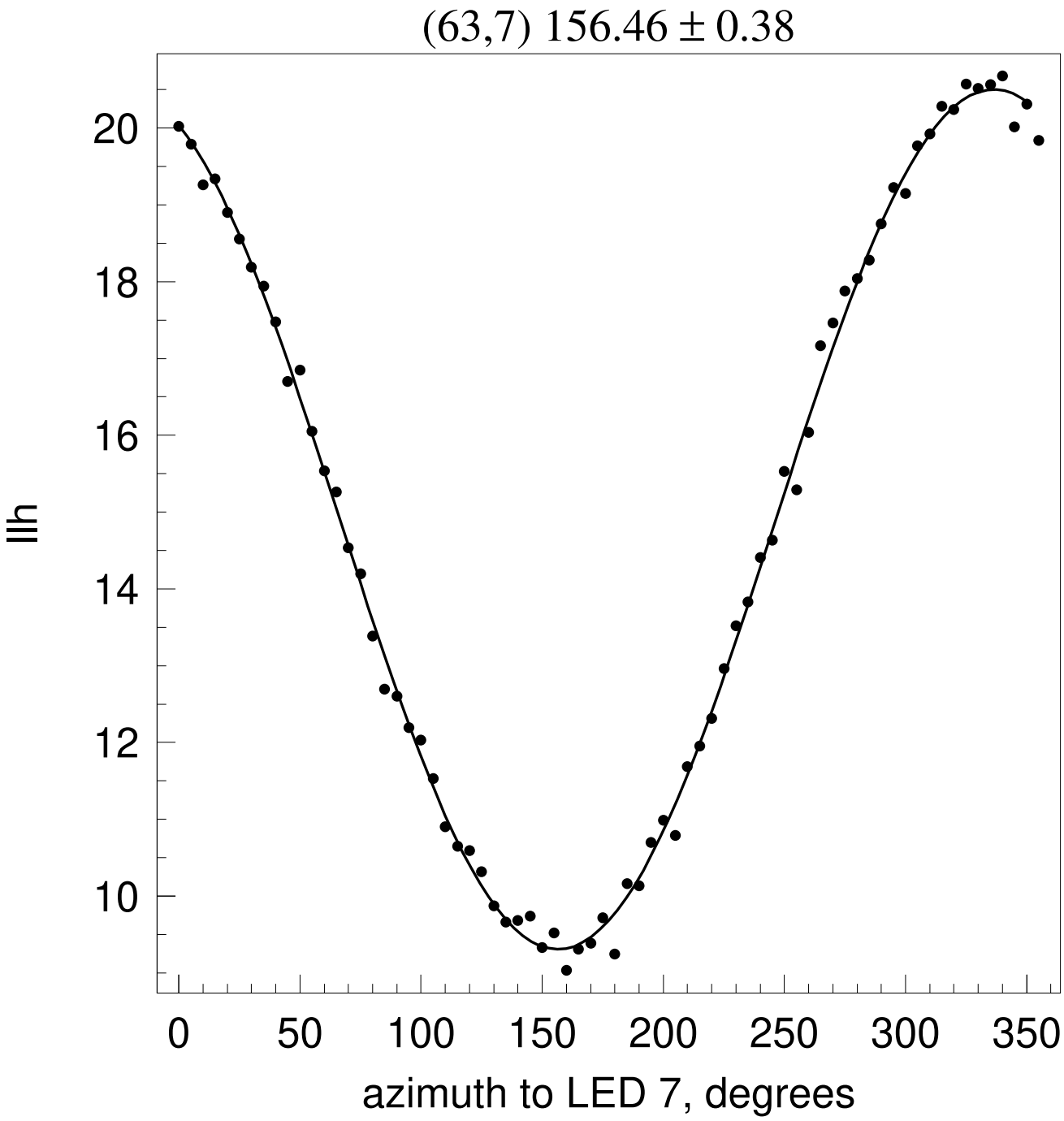

(63,2) 61.70 ± 0.21
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

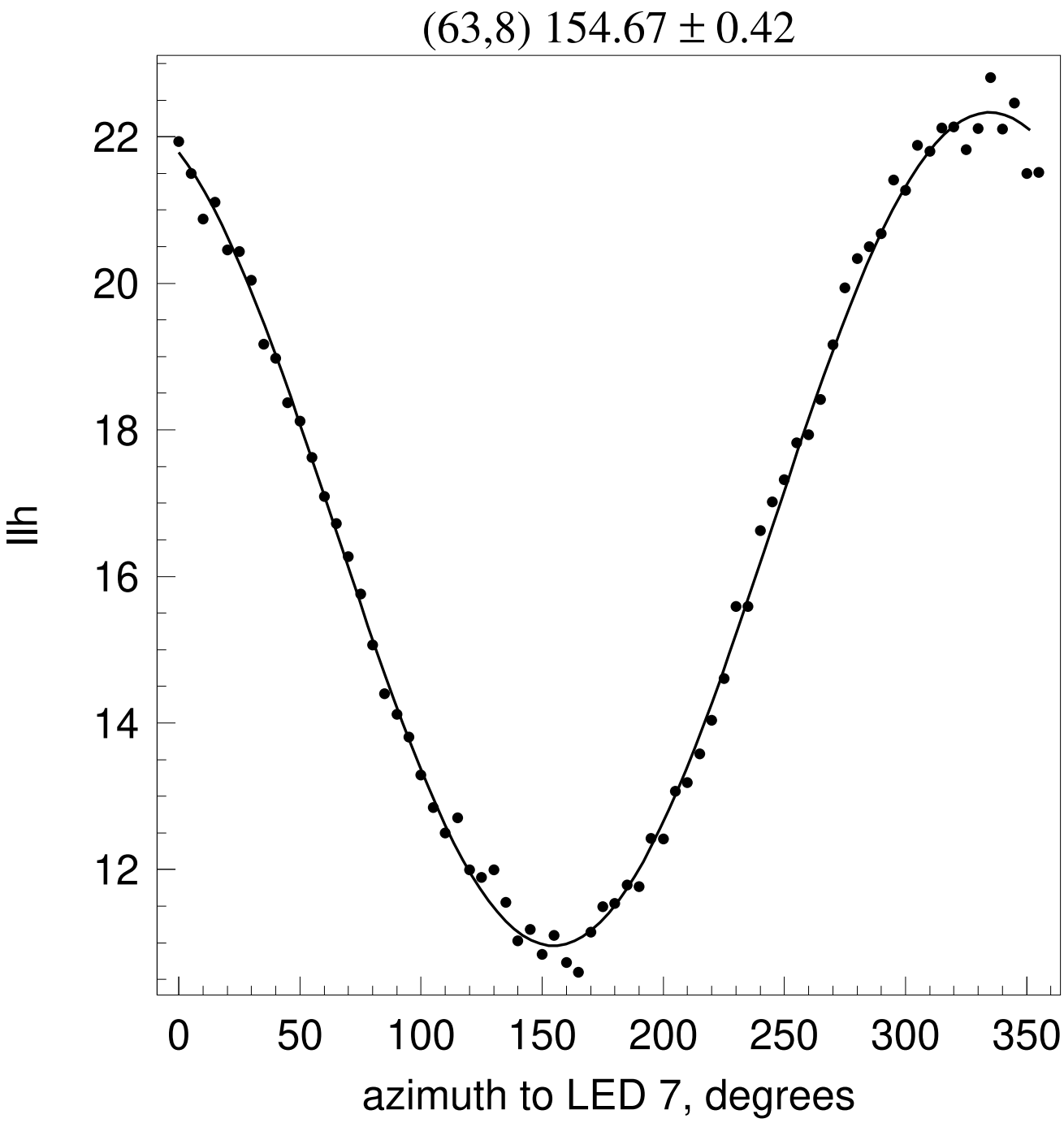

(63,3) 175.55 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

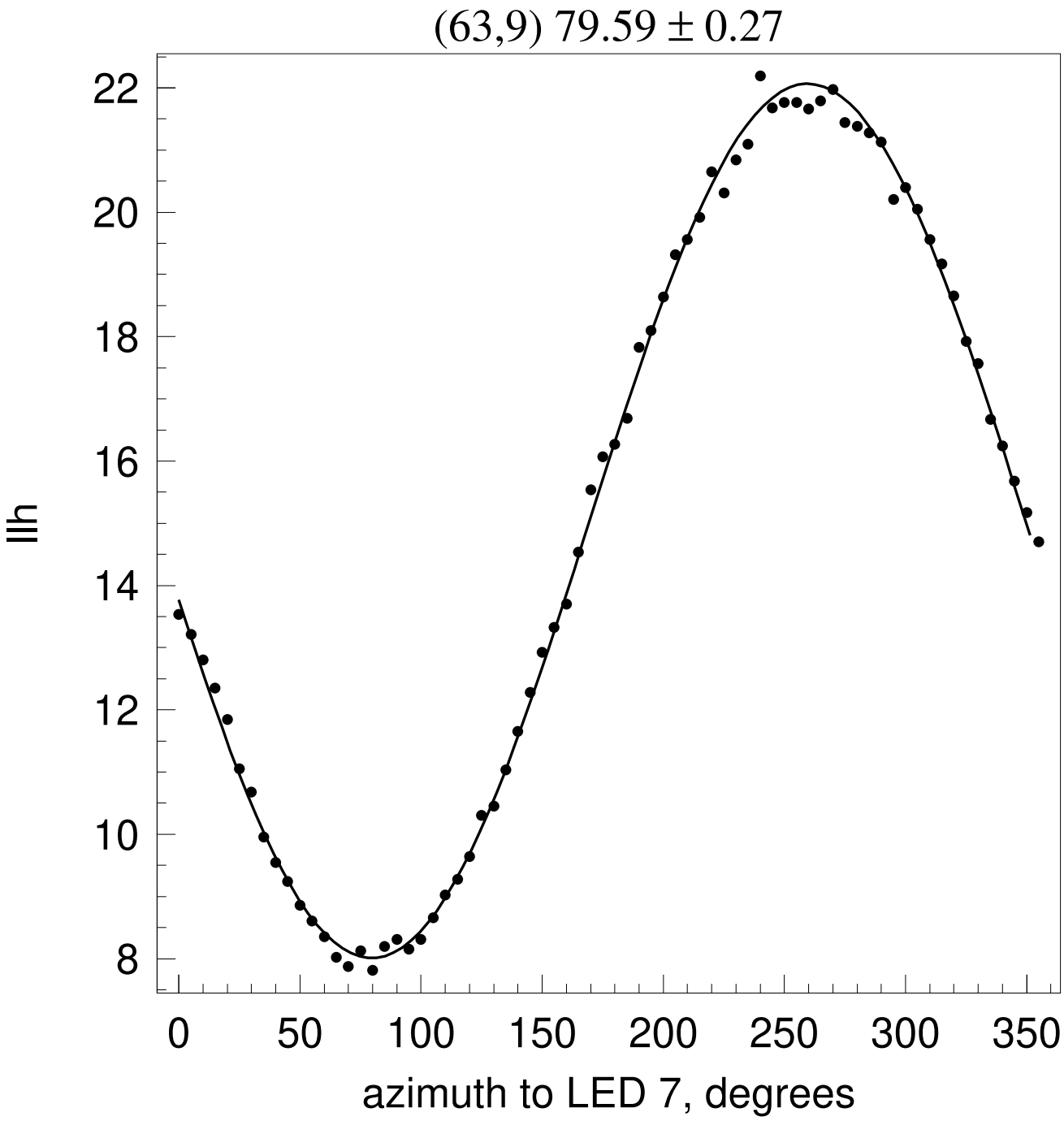

(63,4) 138.21 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

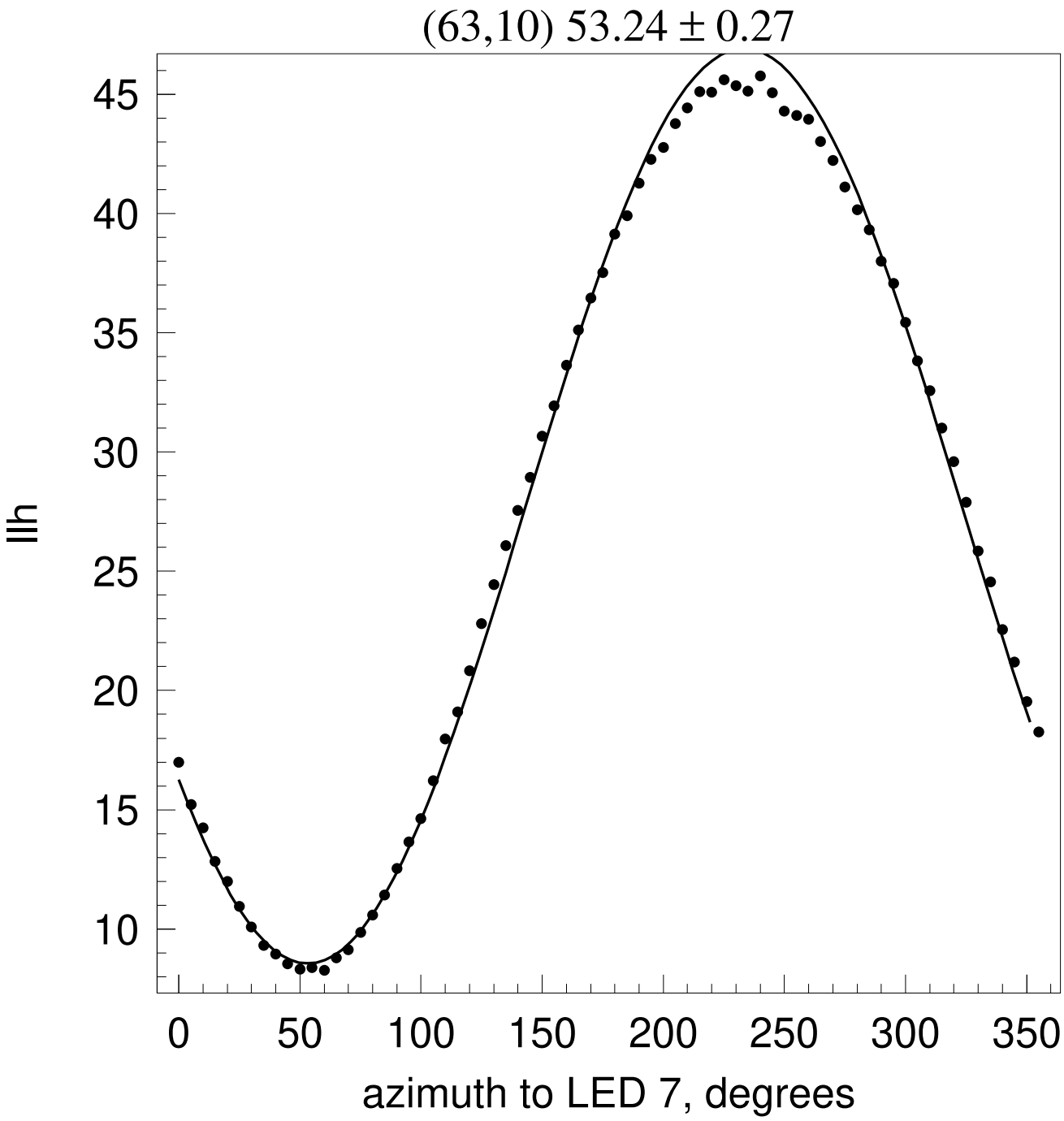

(63,5) 4.58 ± 0.31
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

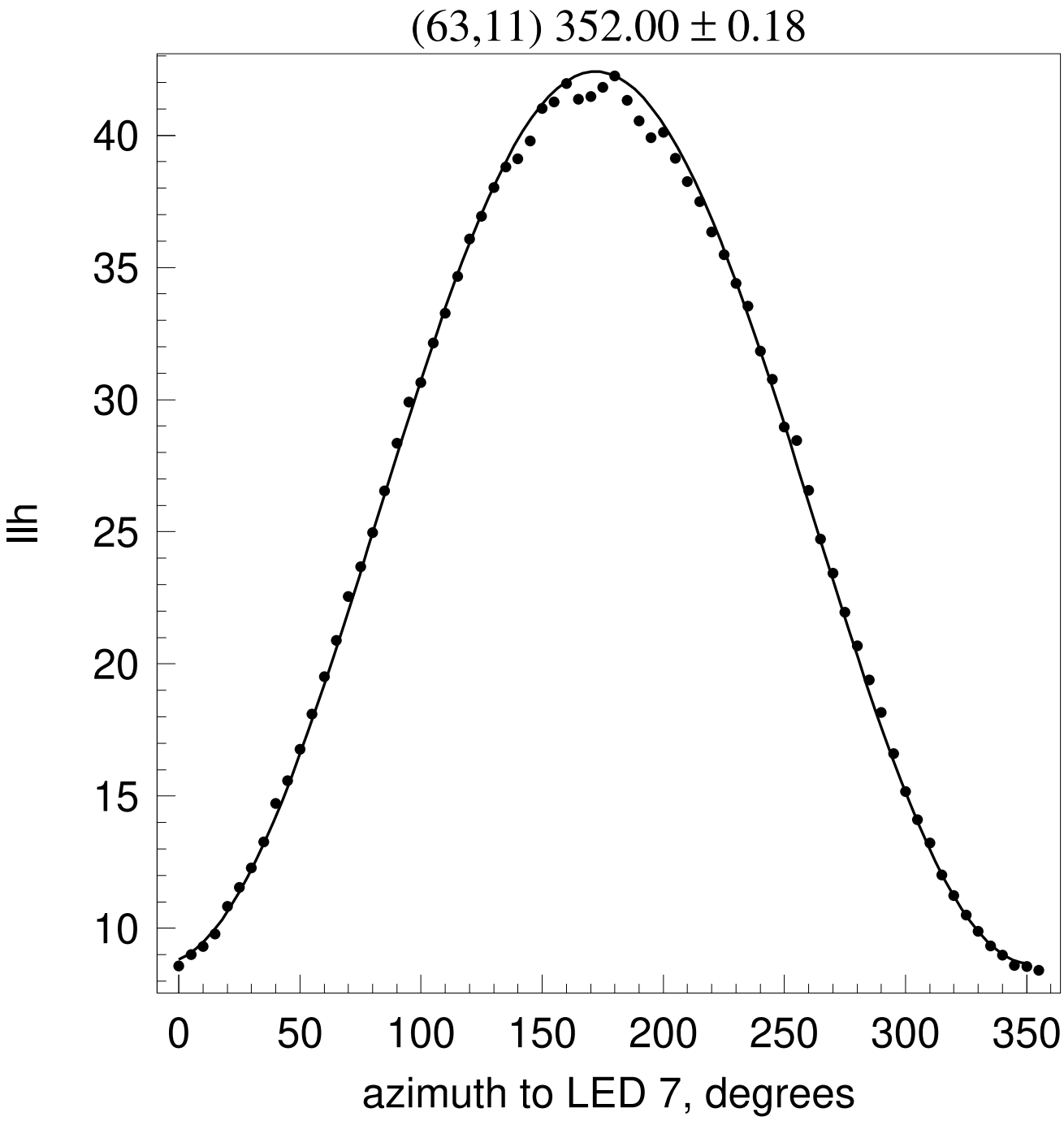

(63,6) 62.81 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

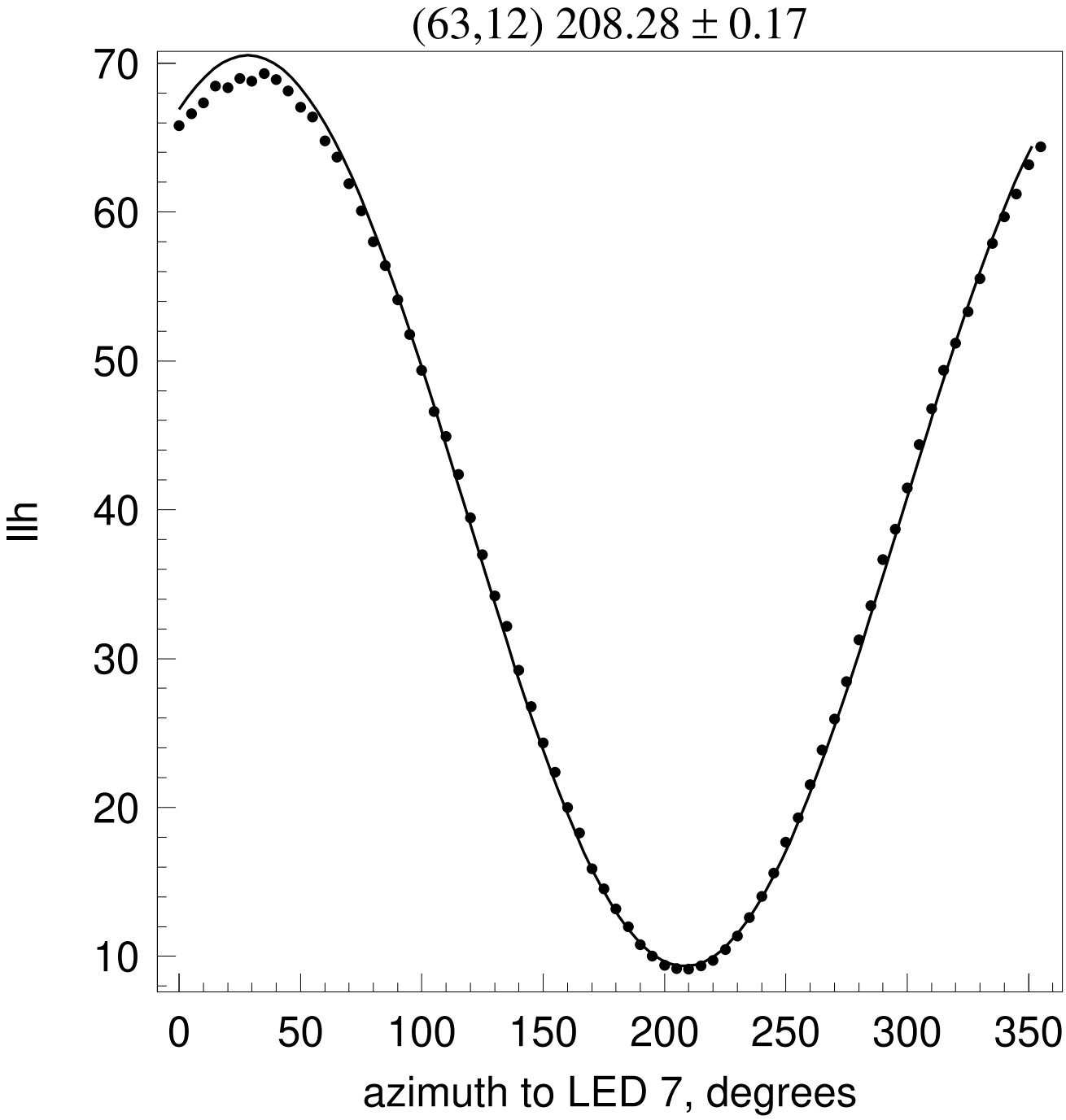

(63,7) 156.46 ± 0.38
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

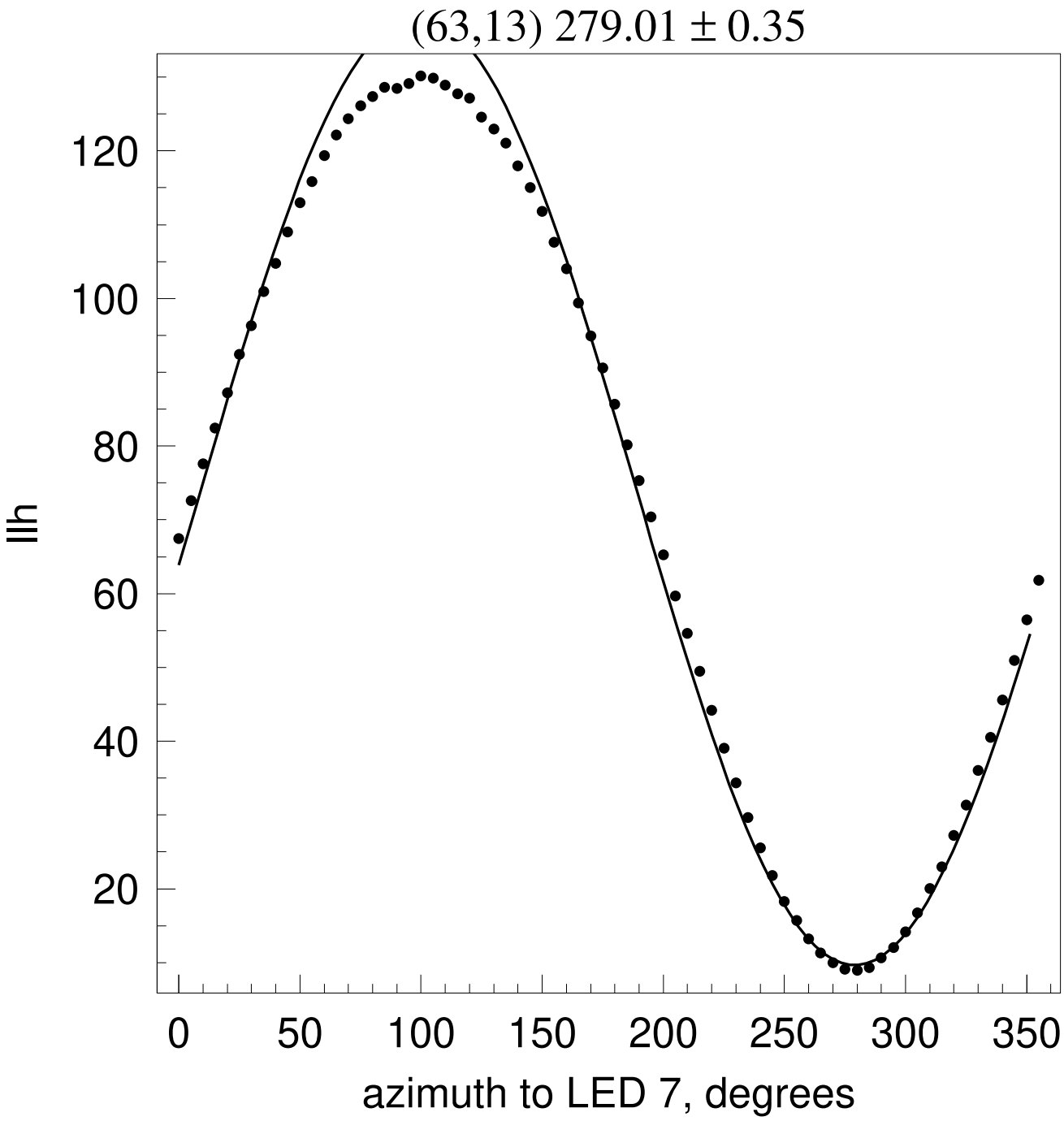

(63,8) 154.67 ± 0.42
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

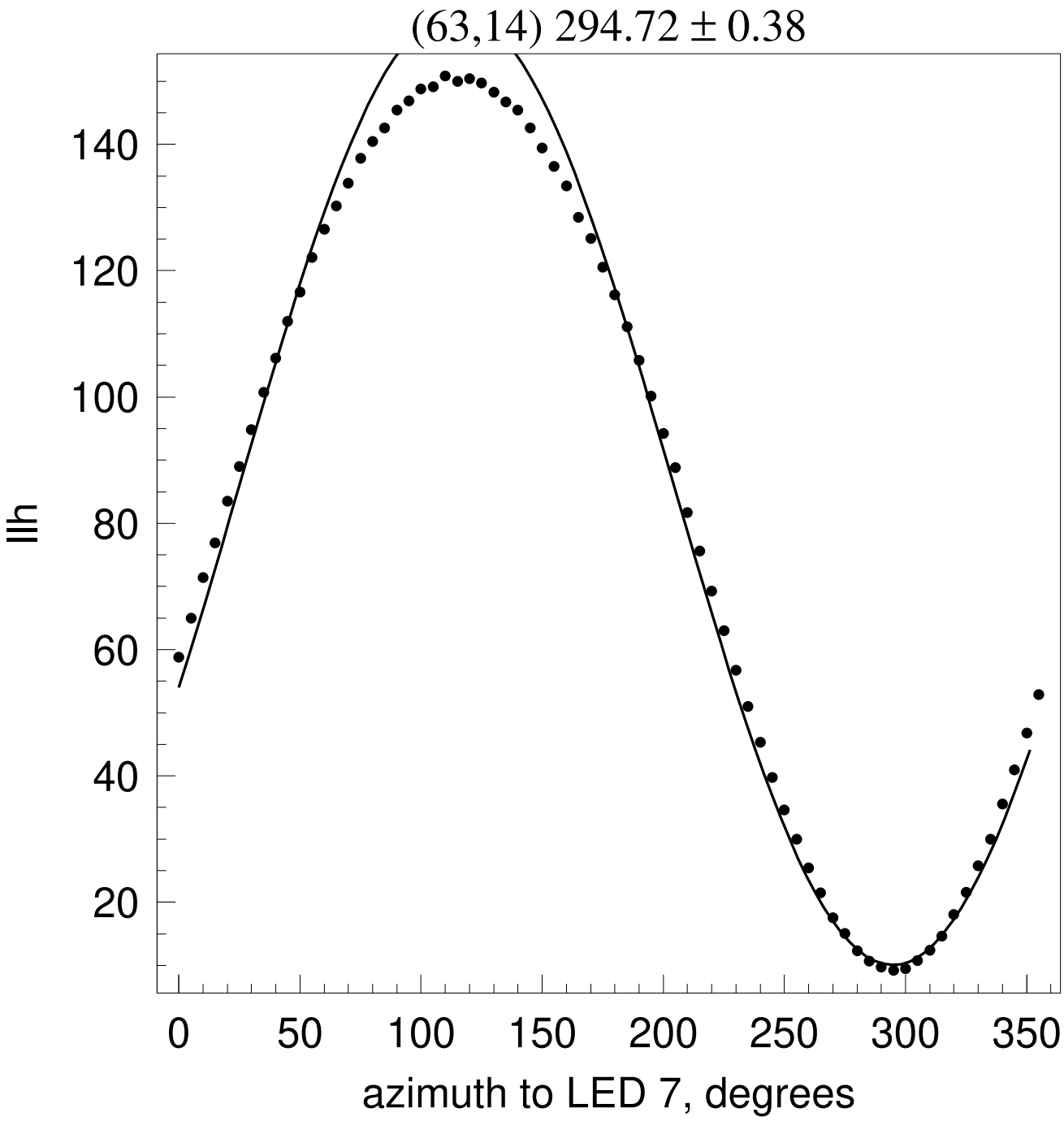

(63,9) 79.59 ± 0.27
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

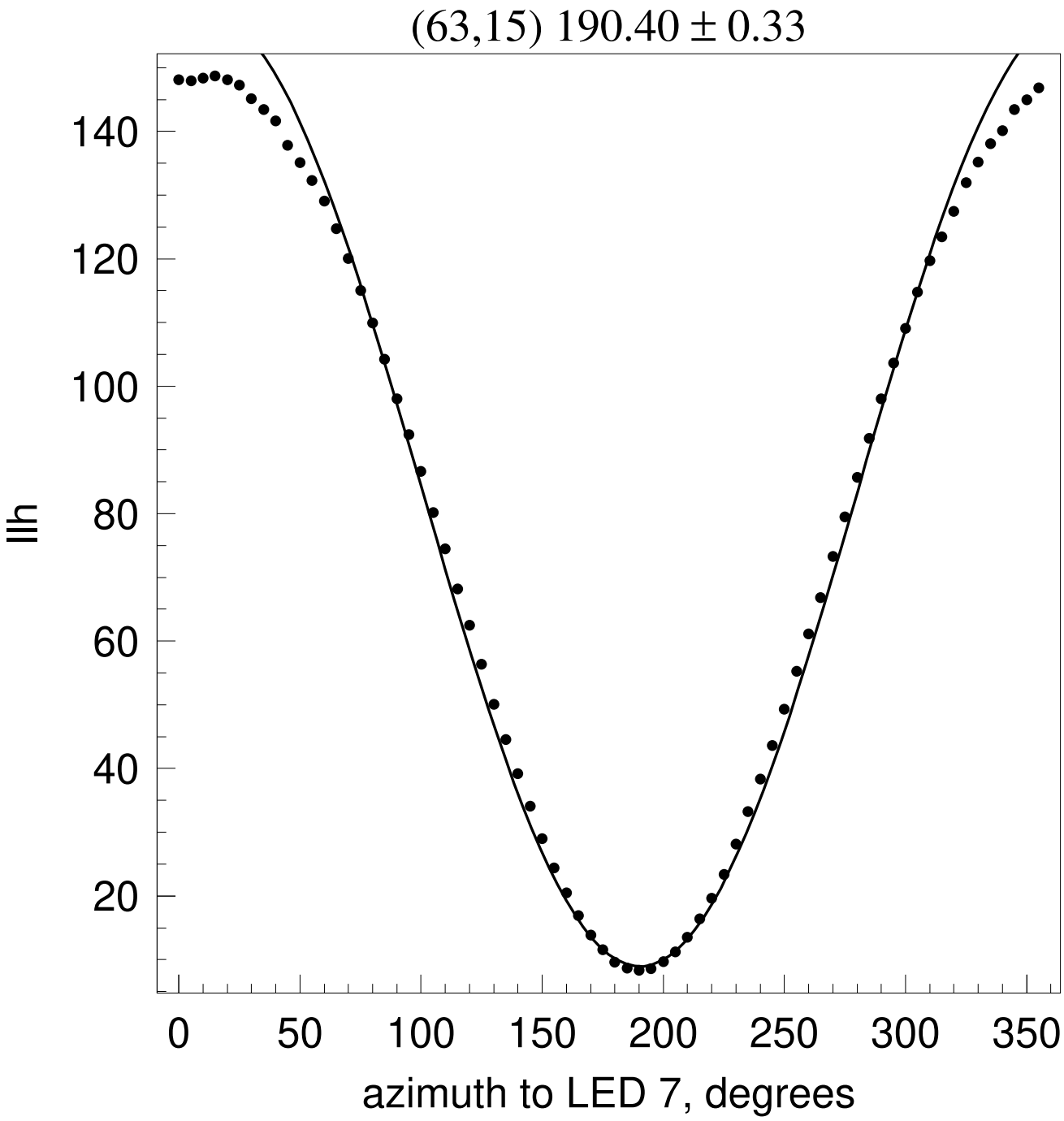

(63,10) 53.24 ± 0.27
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

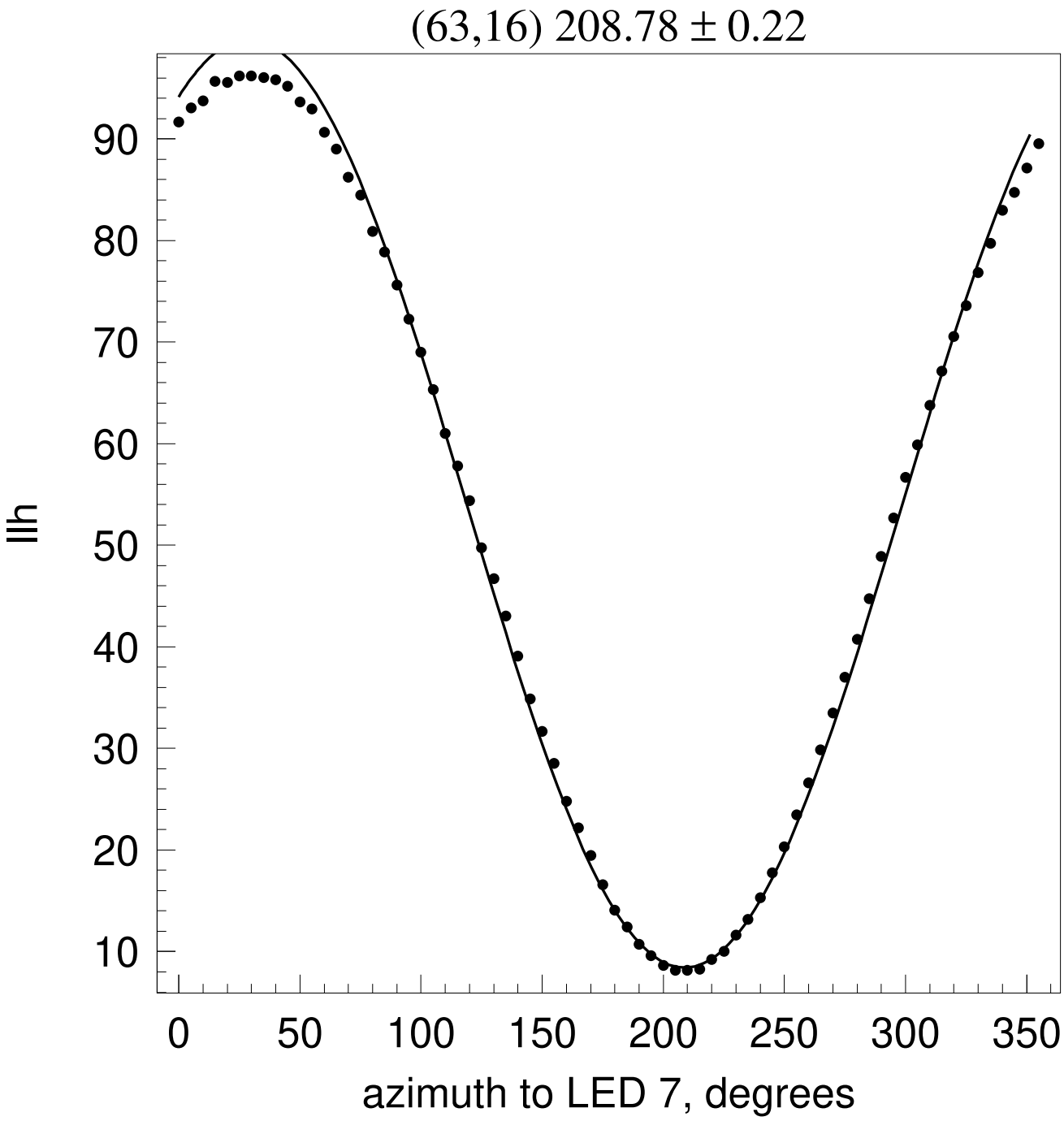

(63,11) 352.00 ± 0.18
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

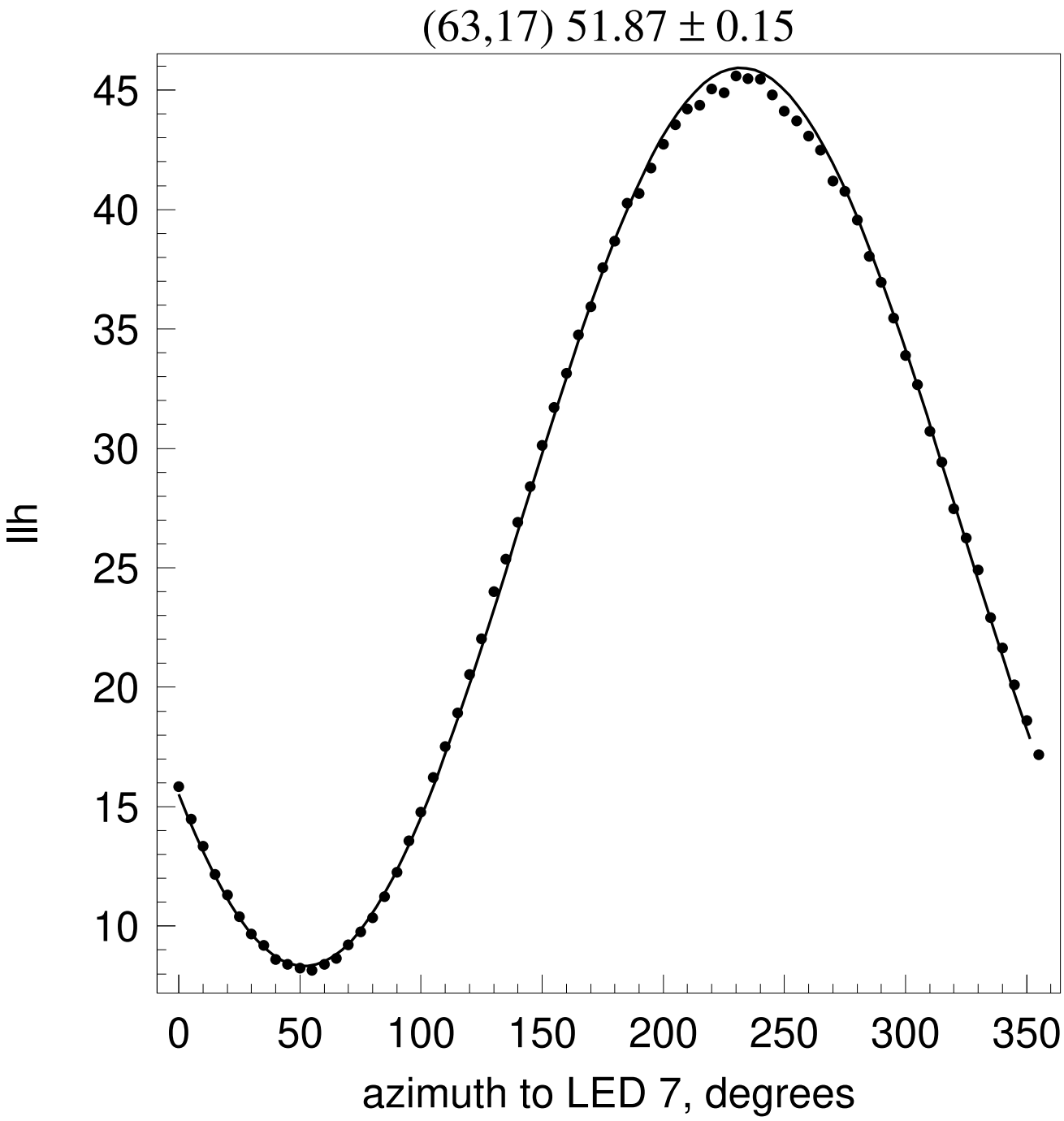

(63,12) 208.28 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

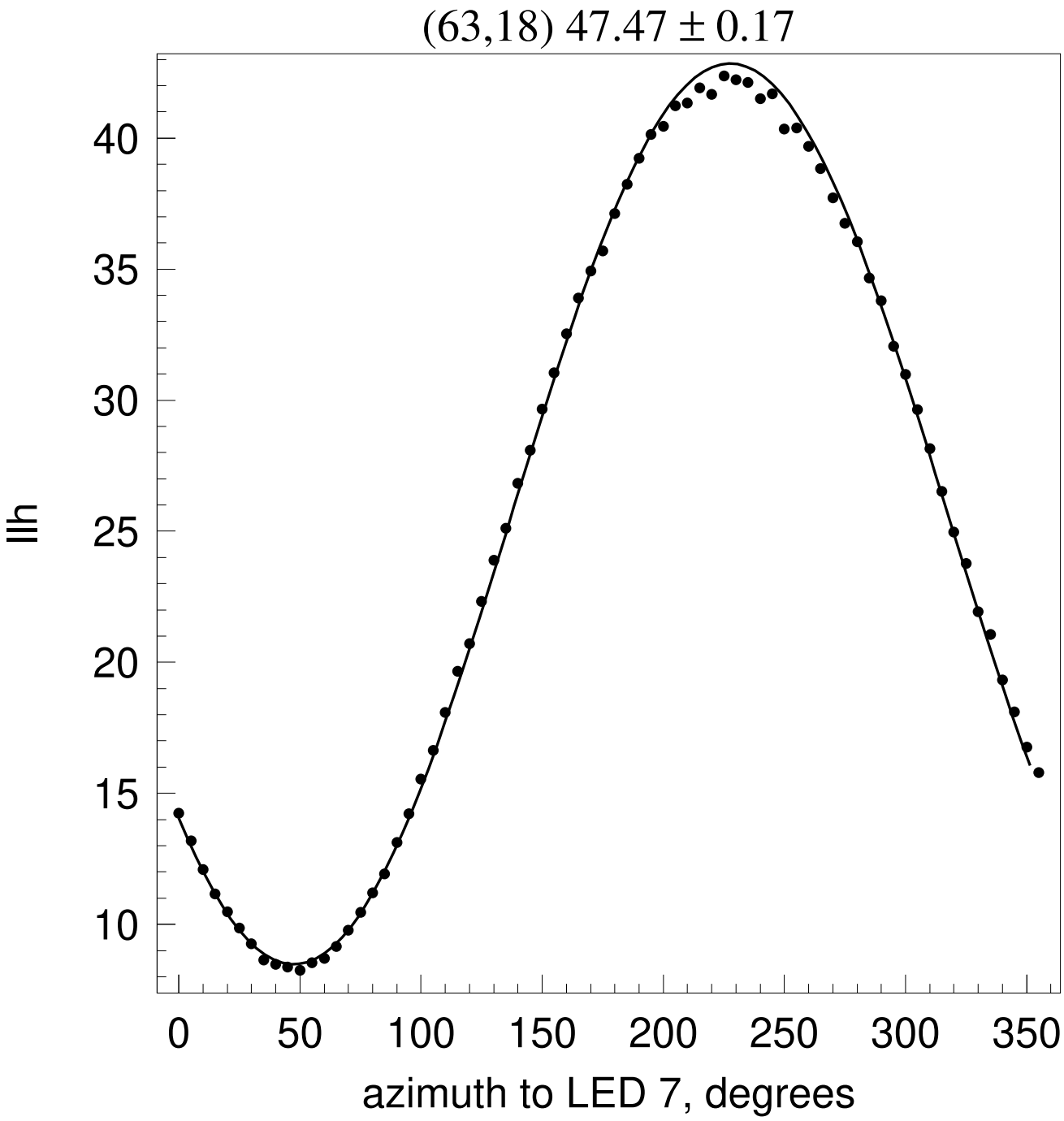

(63,13) 279.01 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

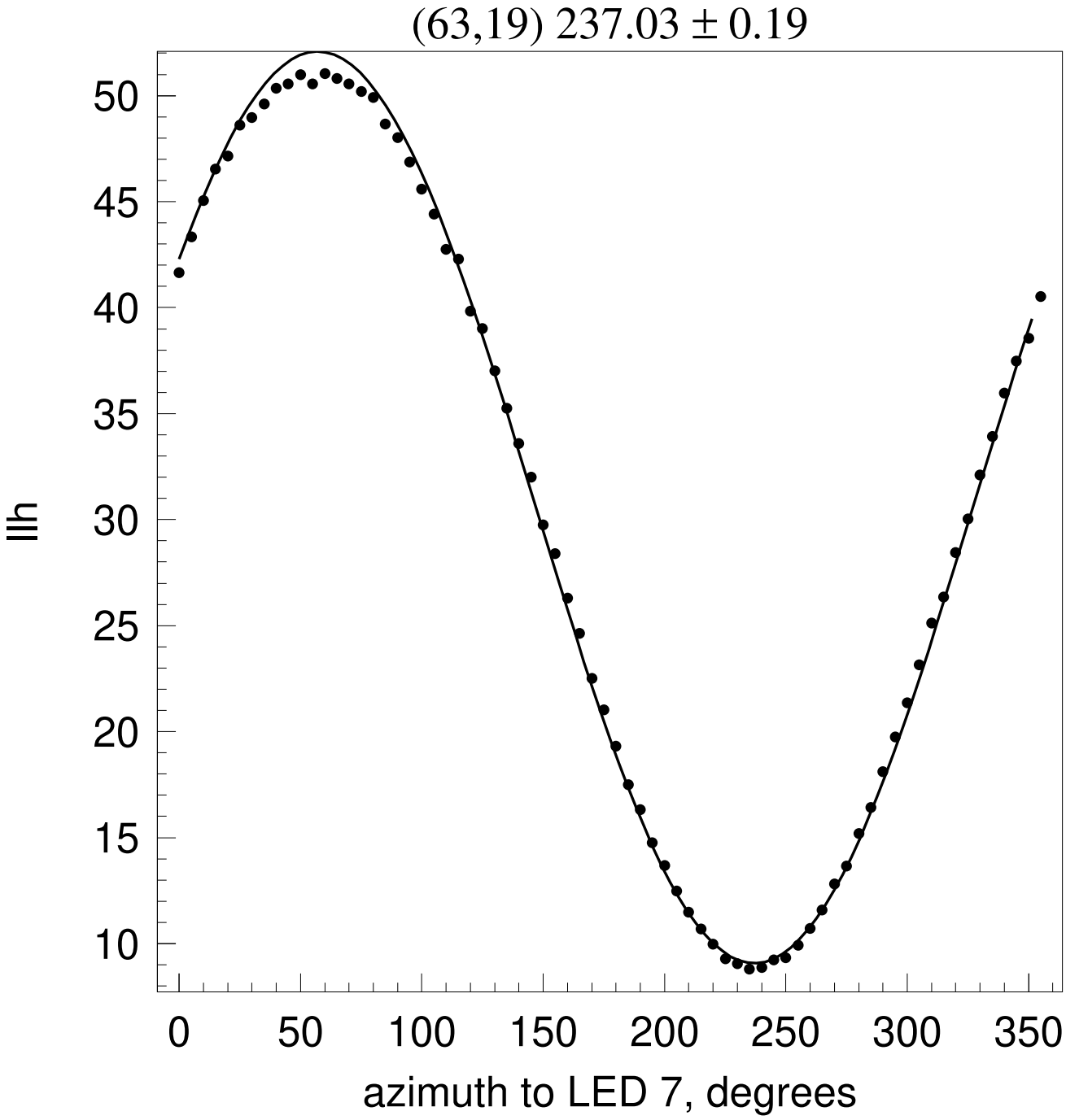

(63,14) 294.72 ± 0.38
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

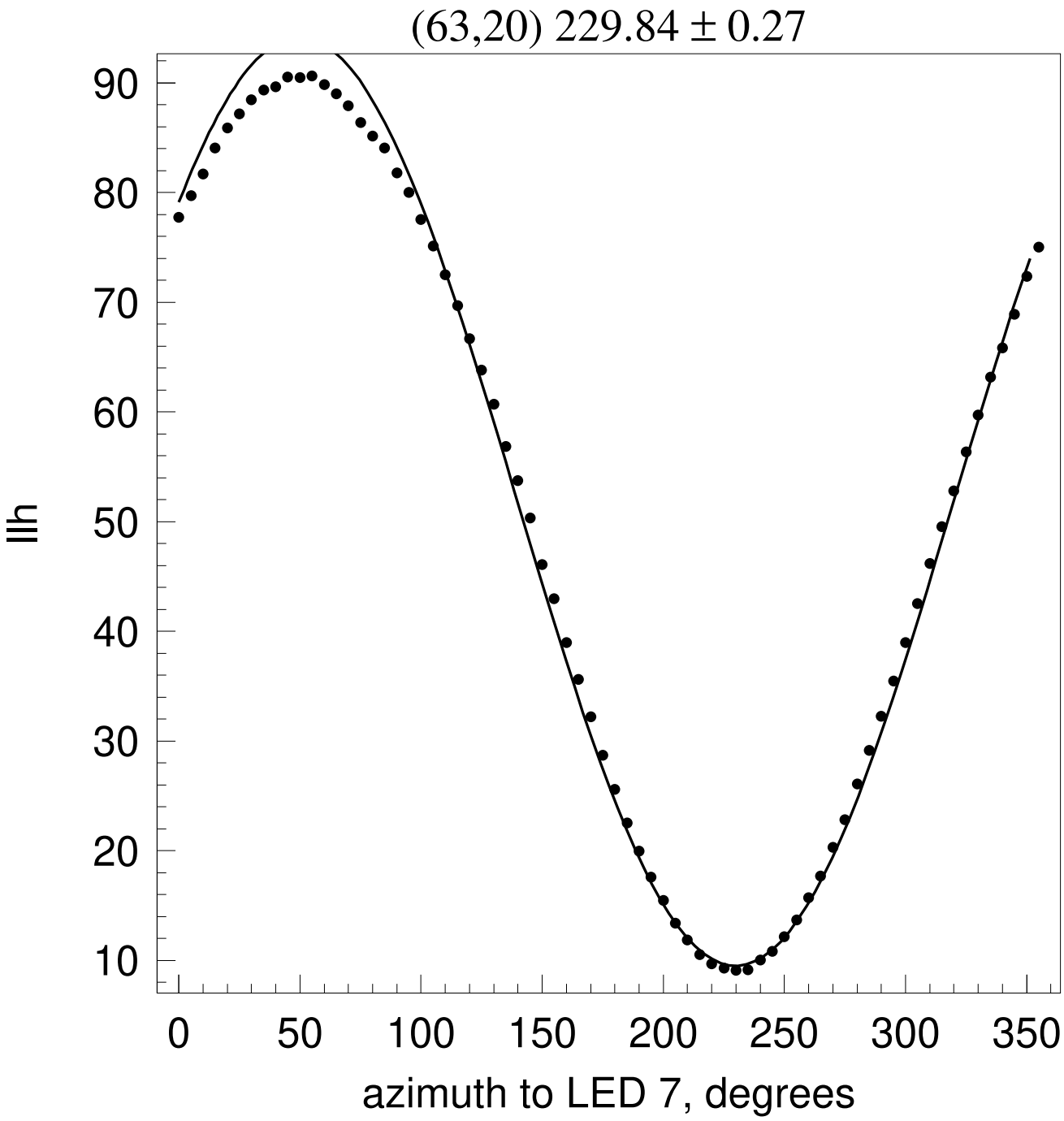

(63,15) 190.40 ± 0.33
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

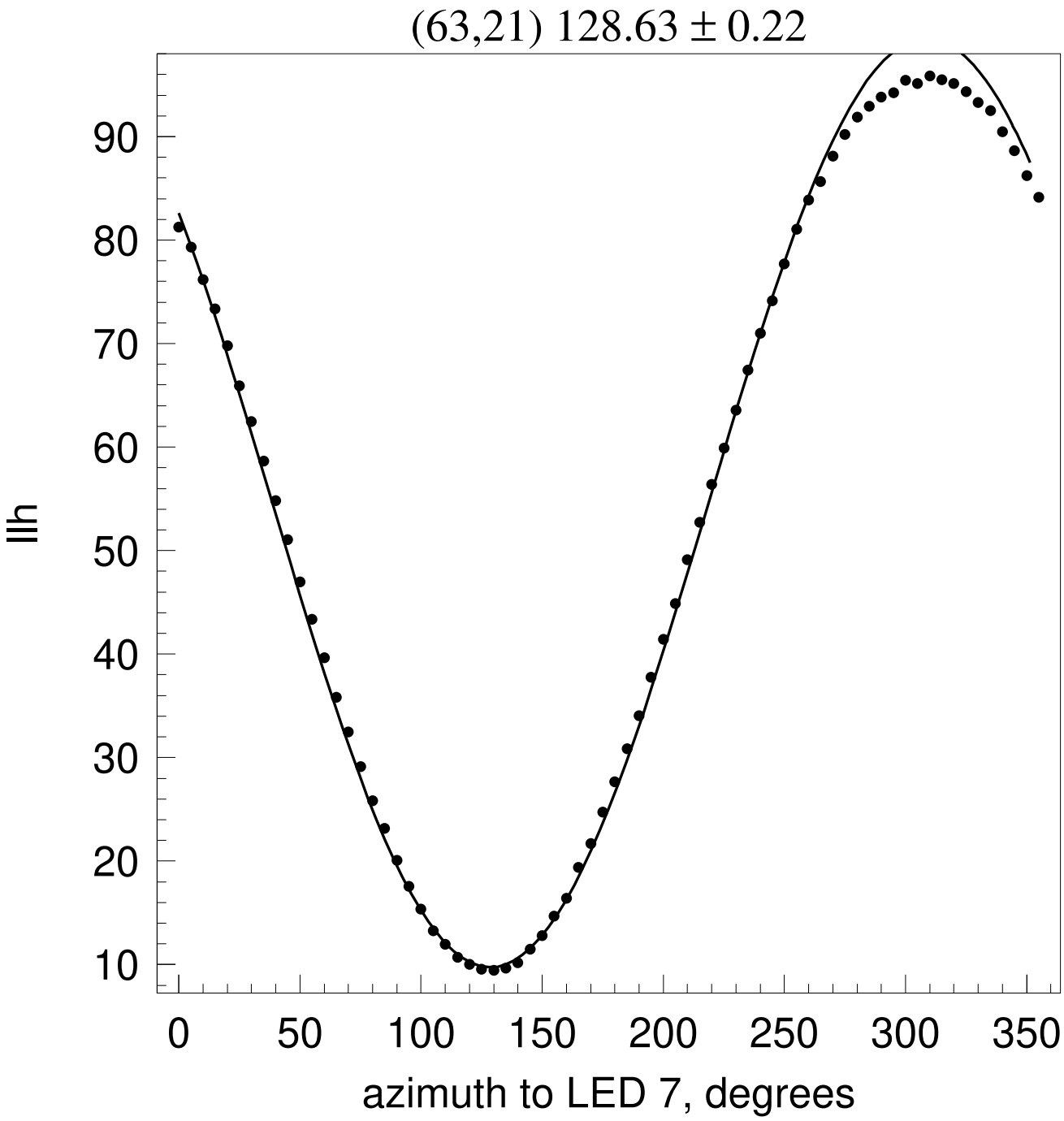

(63,16) 208.78 ± 0.22
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

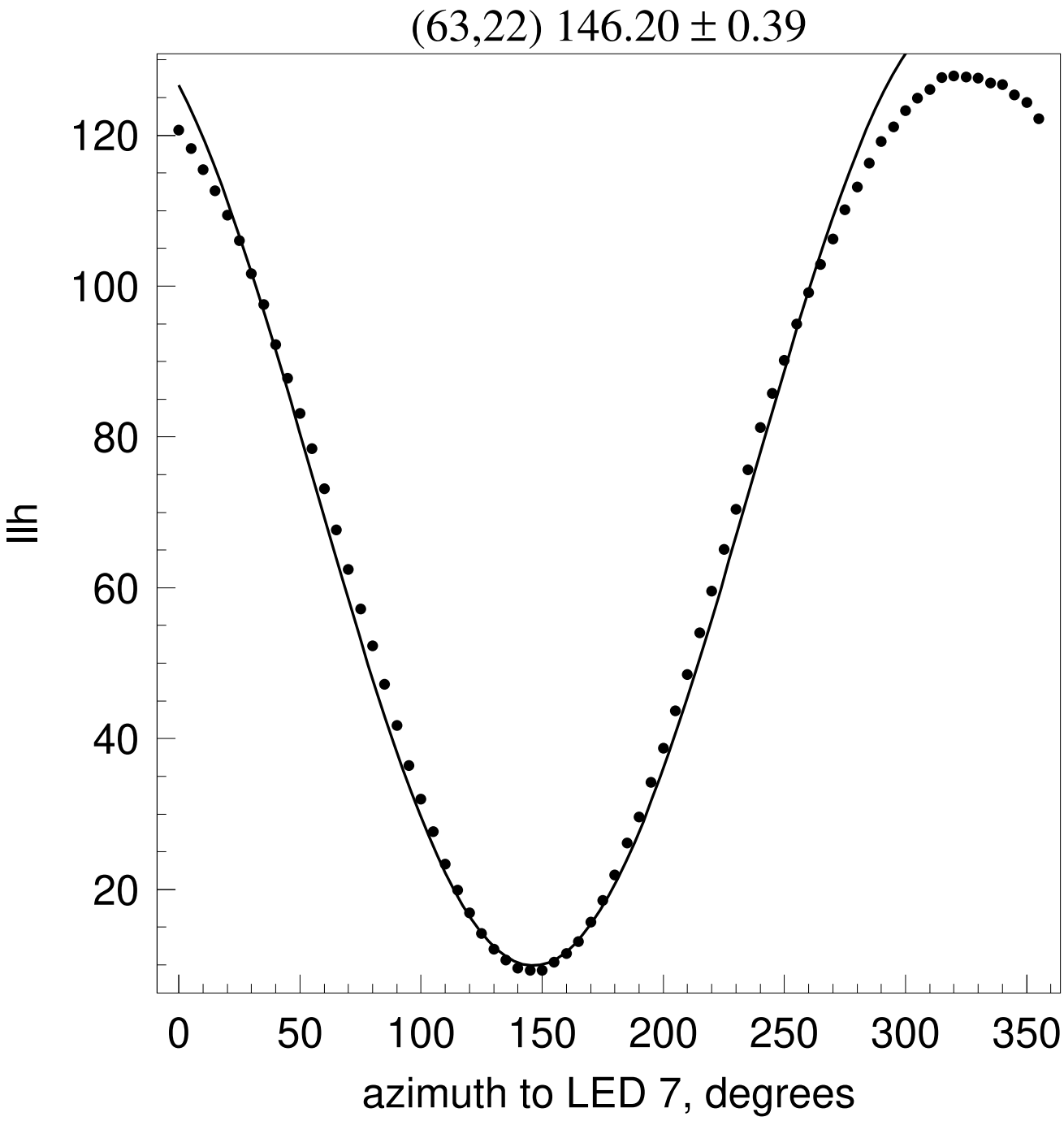

(63,17) 51.87 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

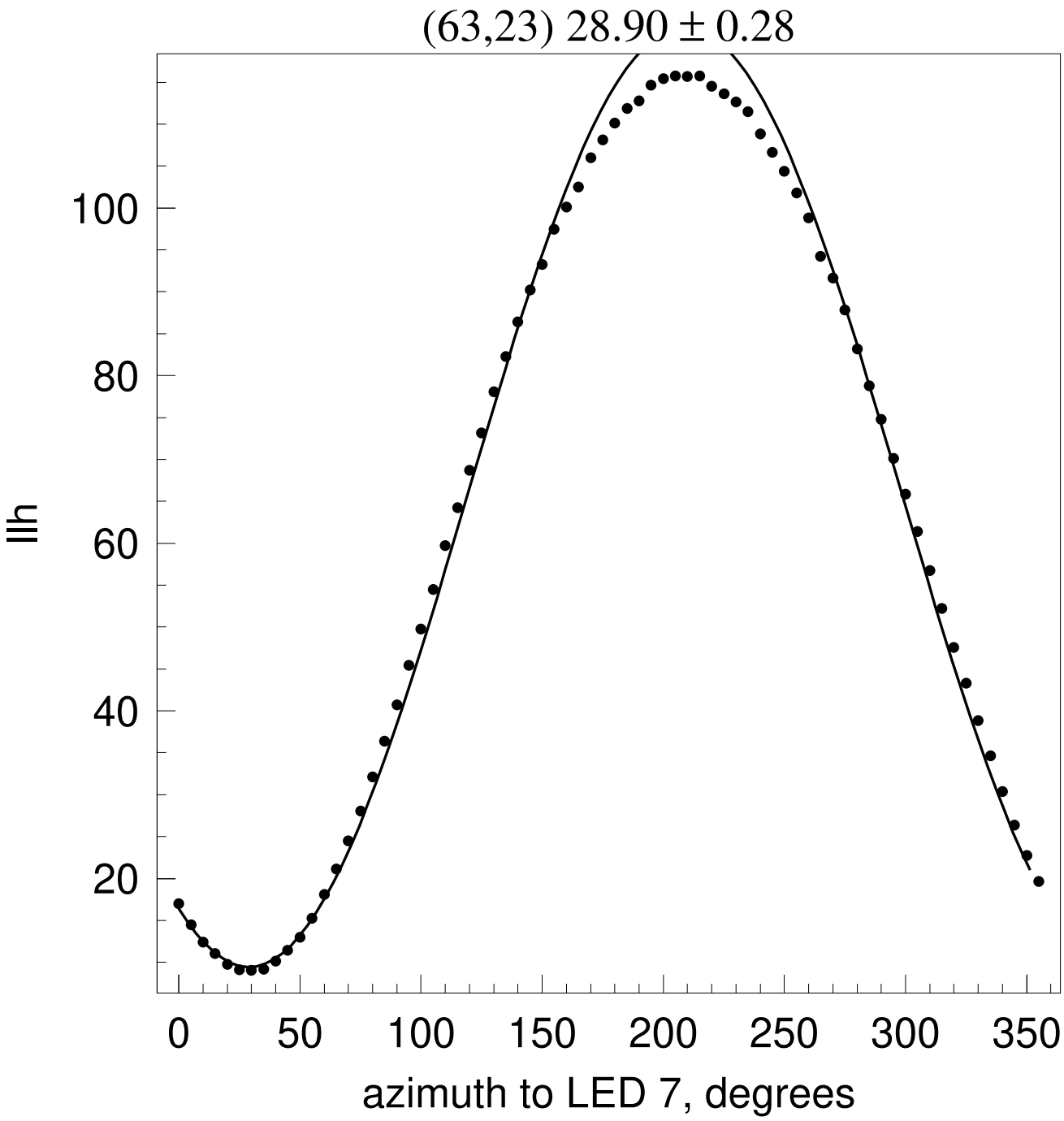

(63,18) 47.47 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

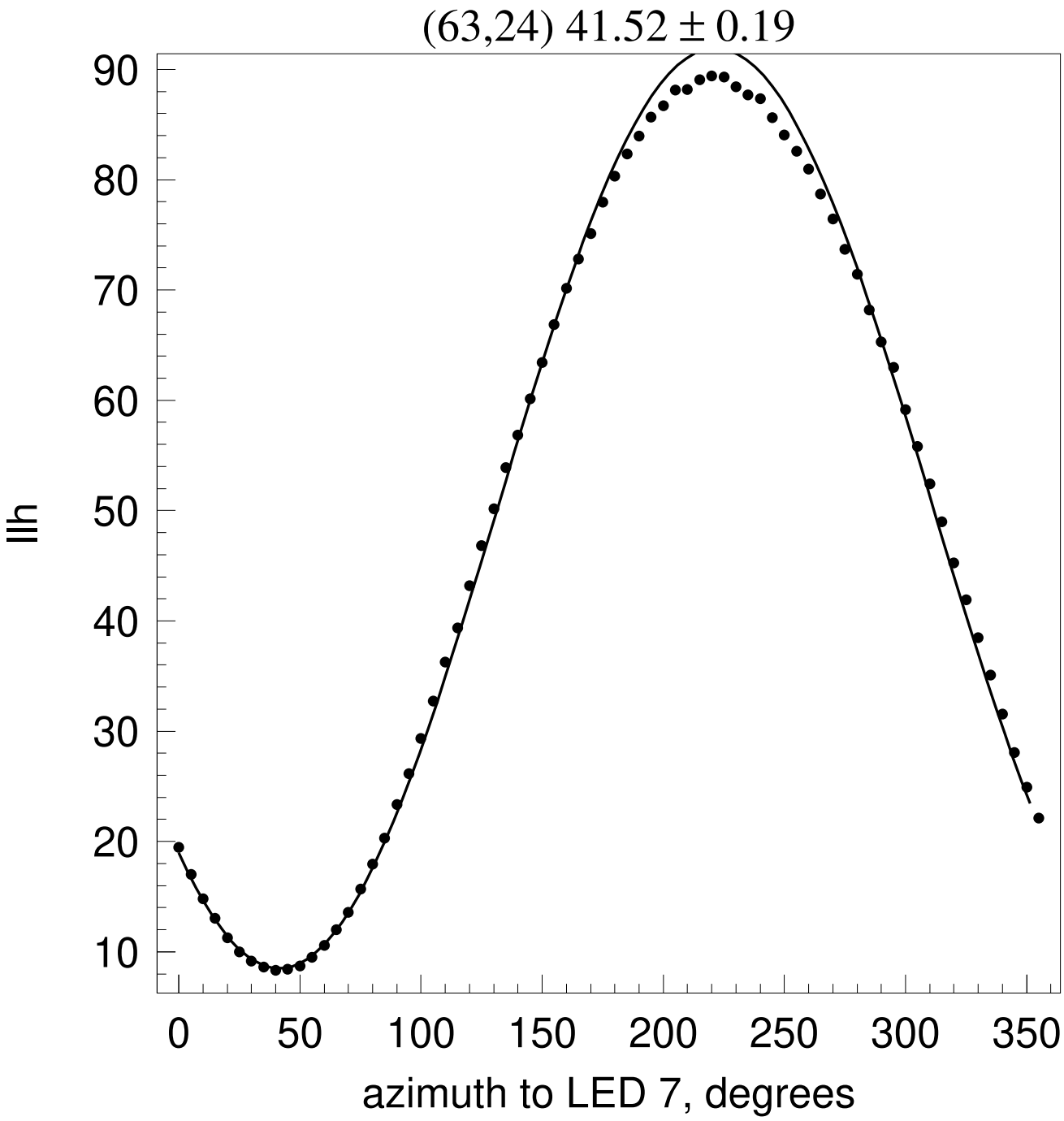

(63,19) 237.03 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

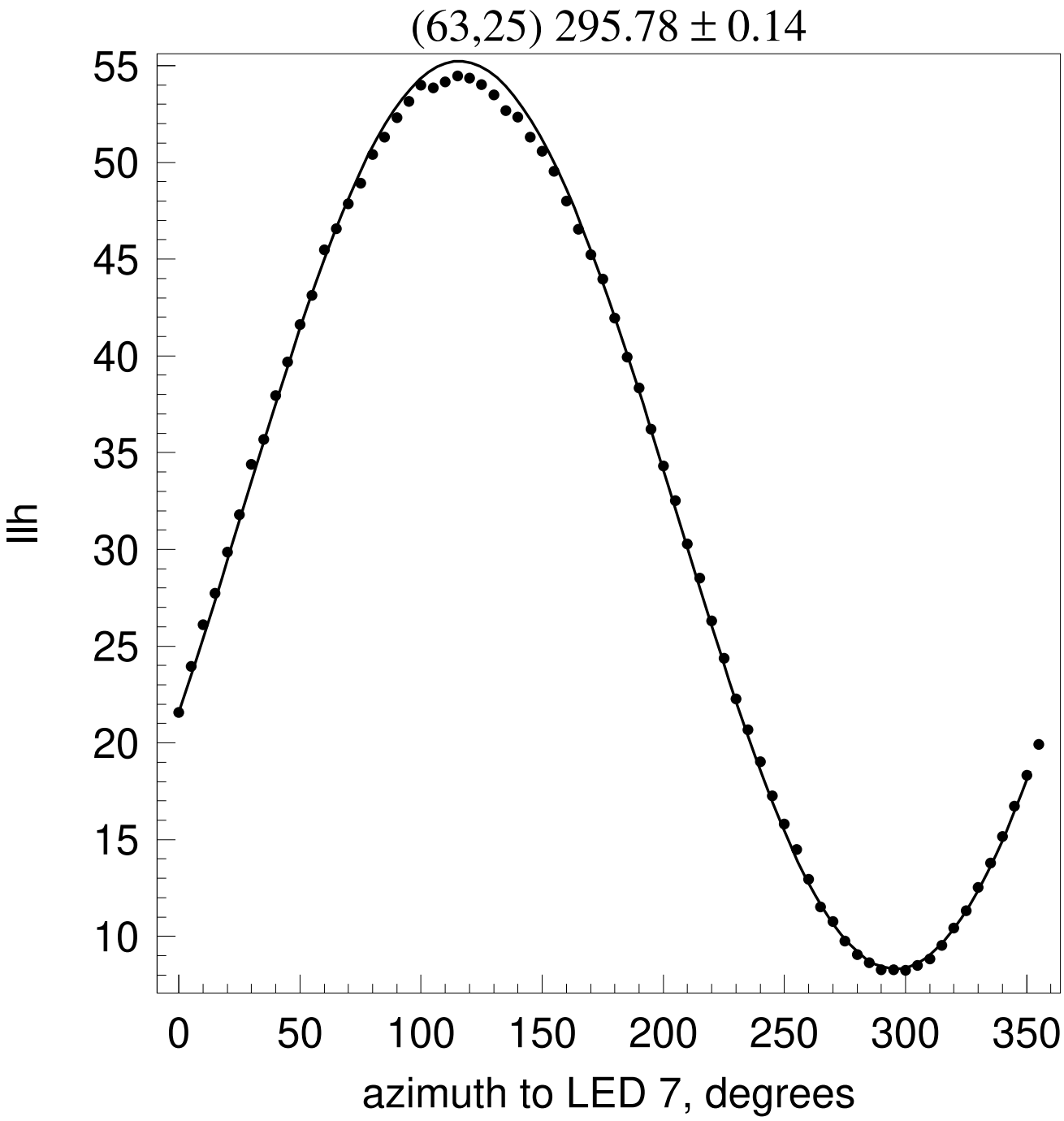

(63,20) 229.84 ± 0.27
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

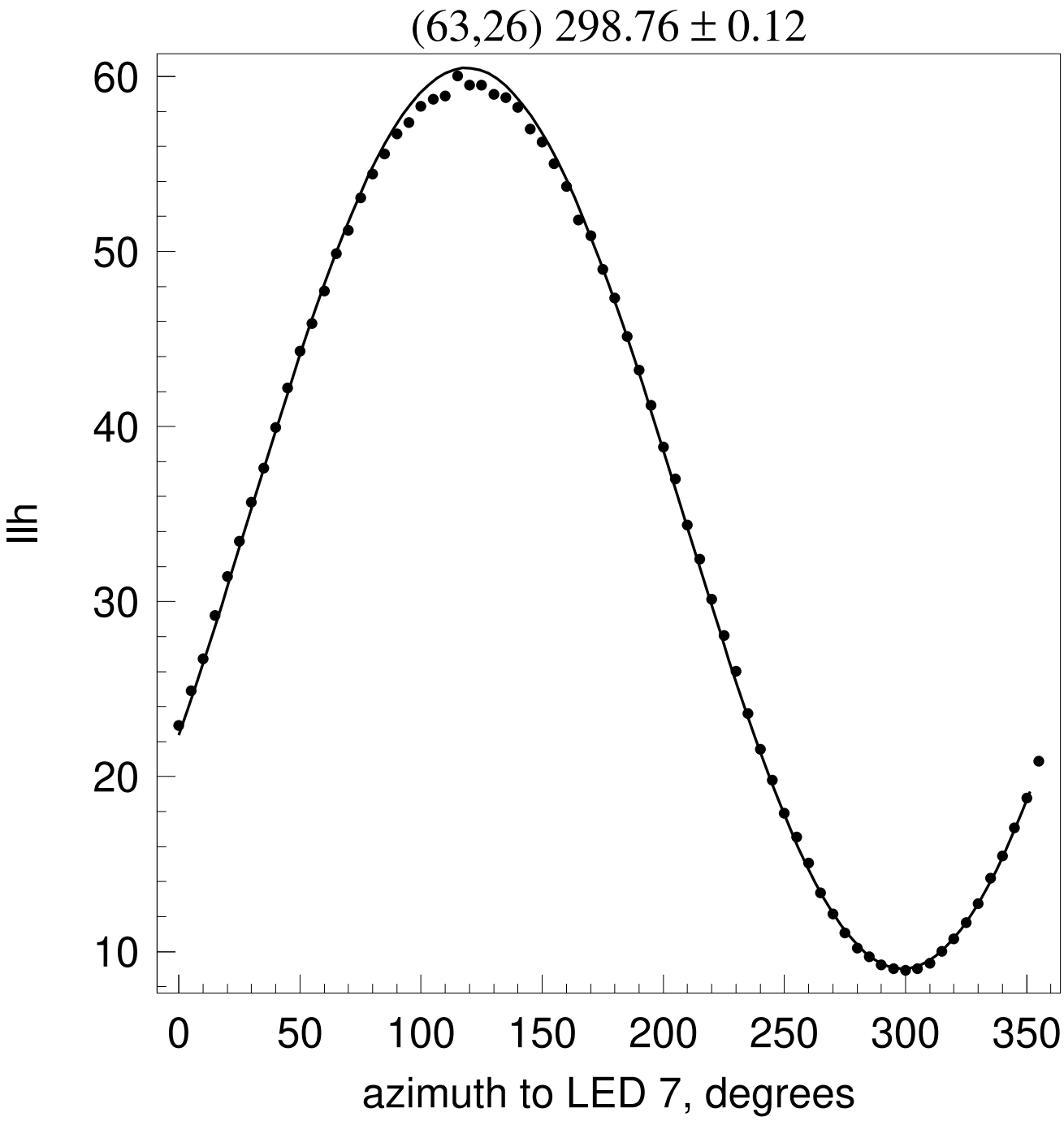

(63,21) 128.63 ± 0.22
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

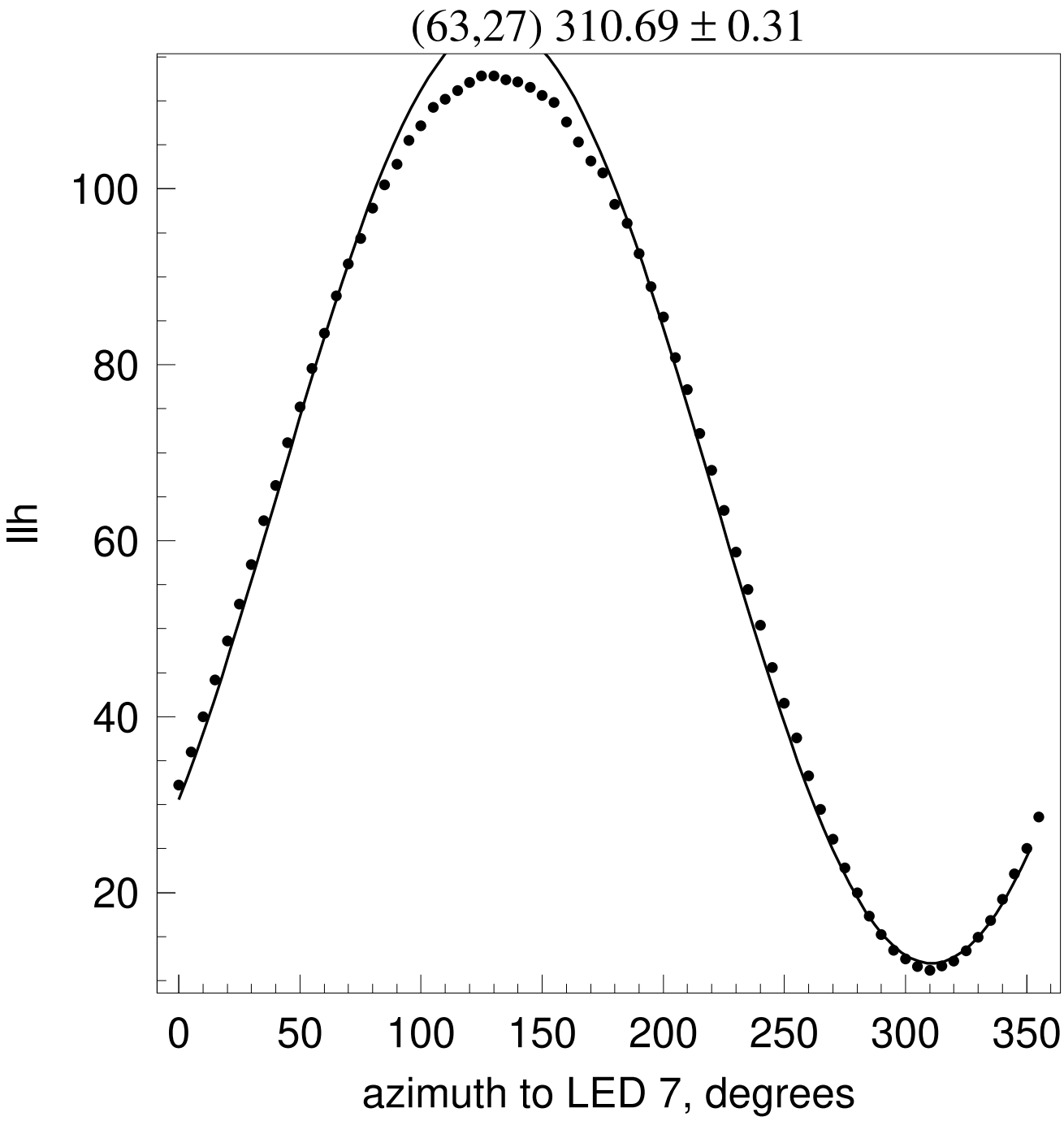

(63,22) 146.20 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

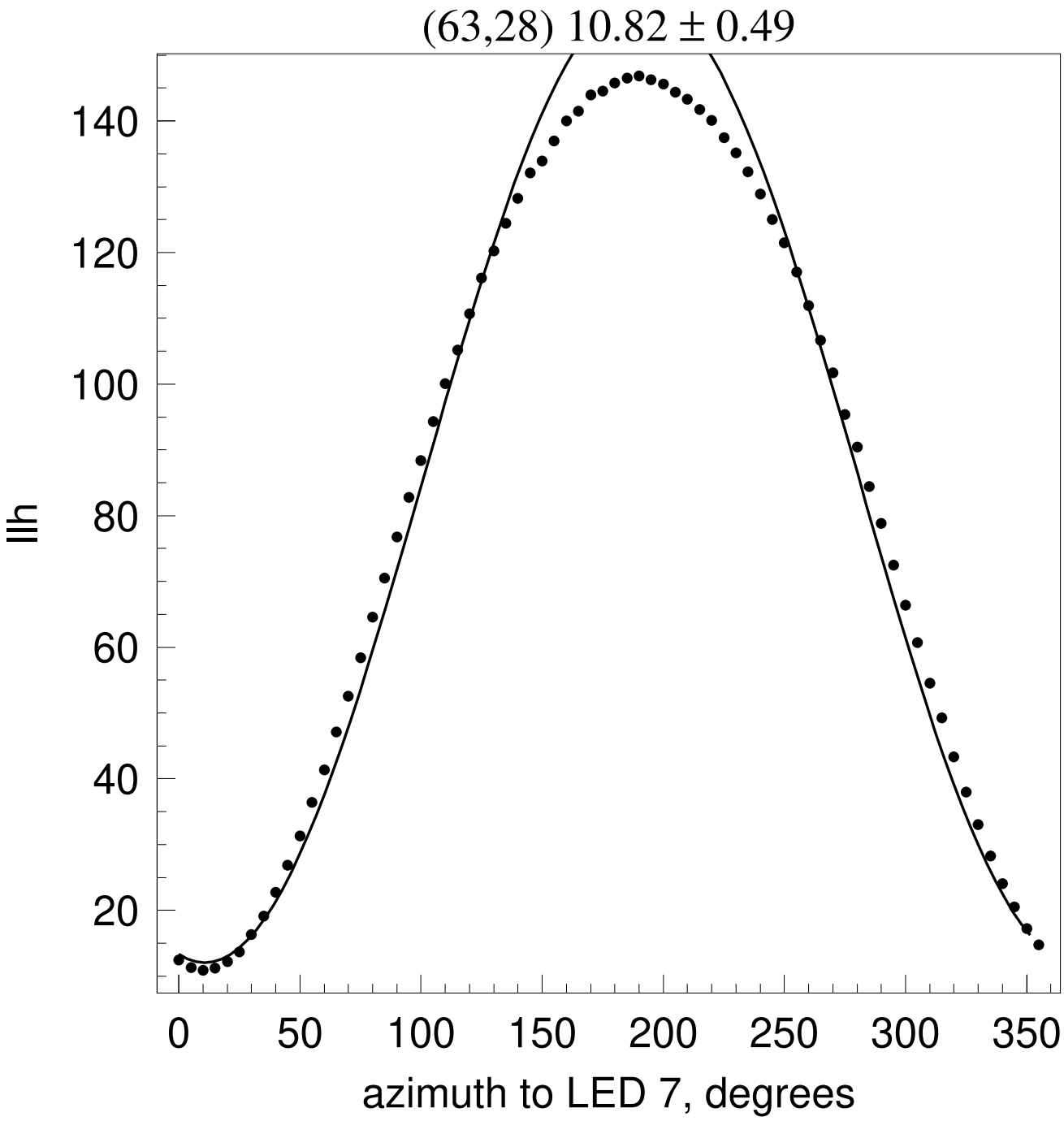

(63,23) 28.90 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

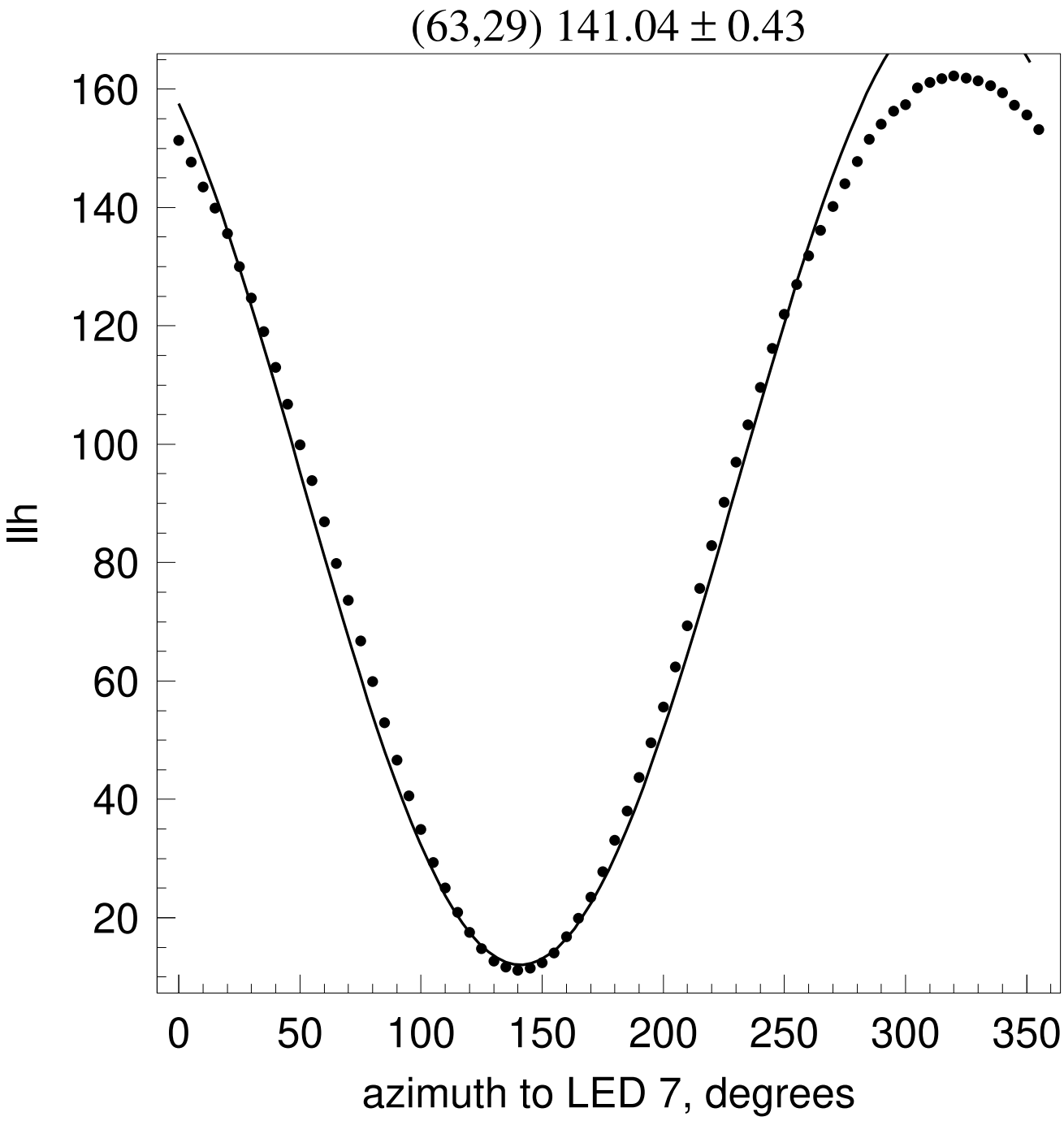

(63,24) 41.52 ± 0.19
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

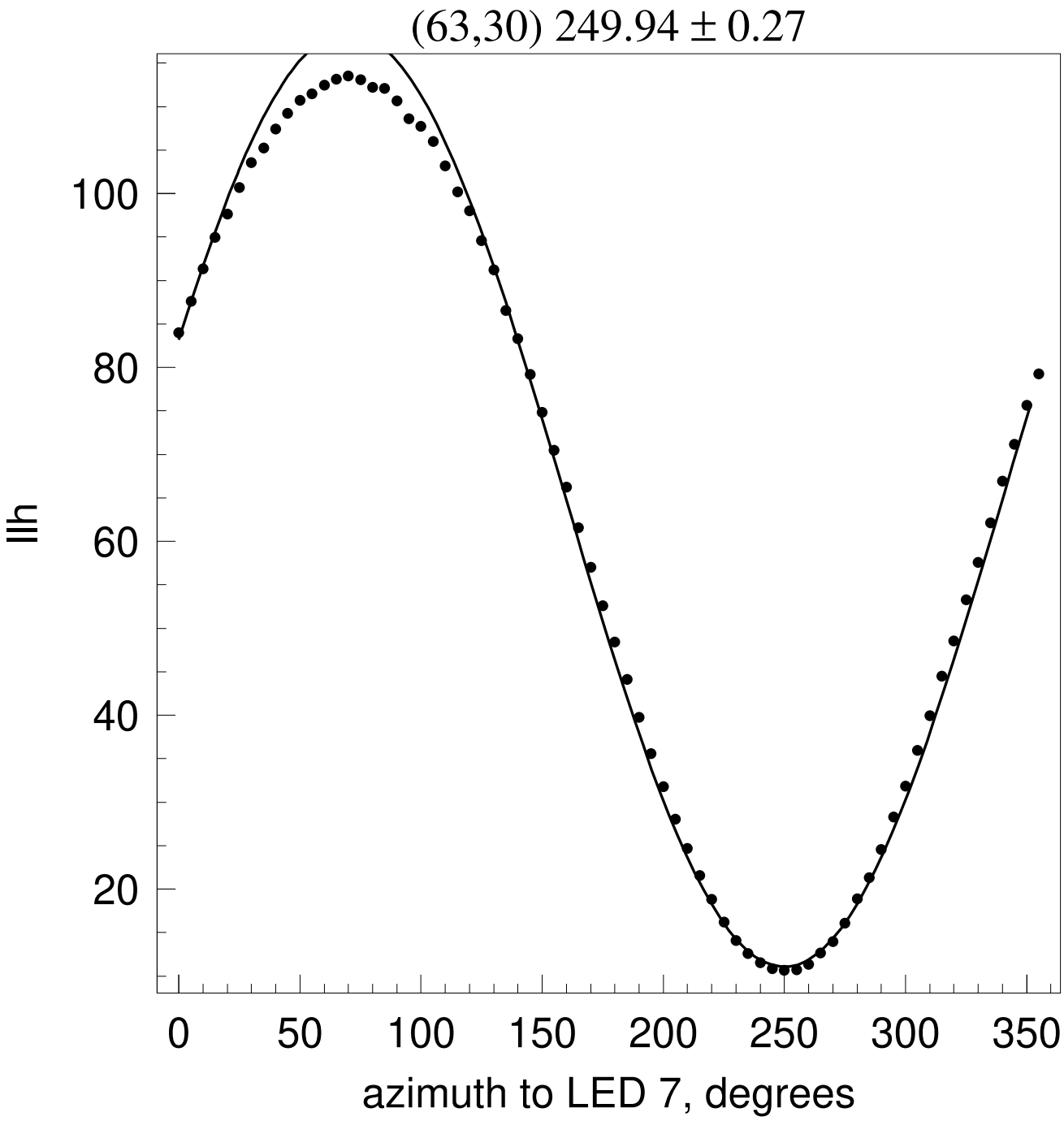

(63,25) 295.78 ± 0.14
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

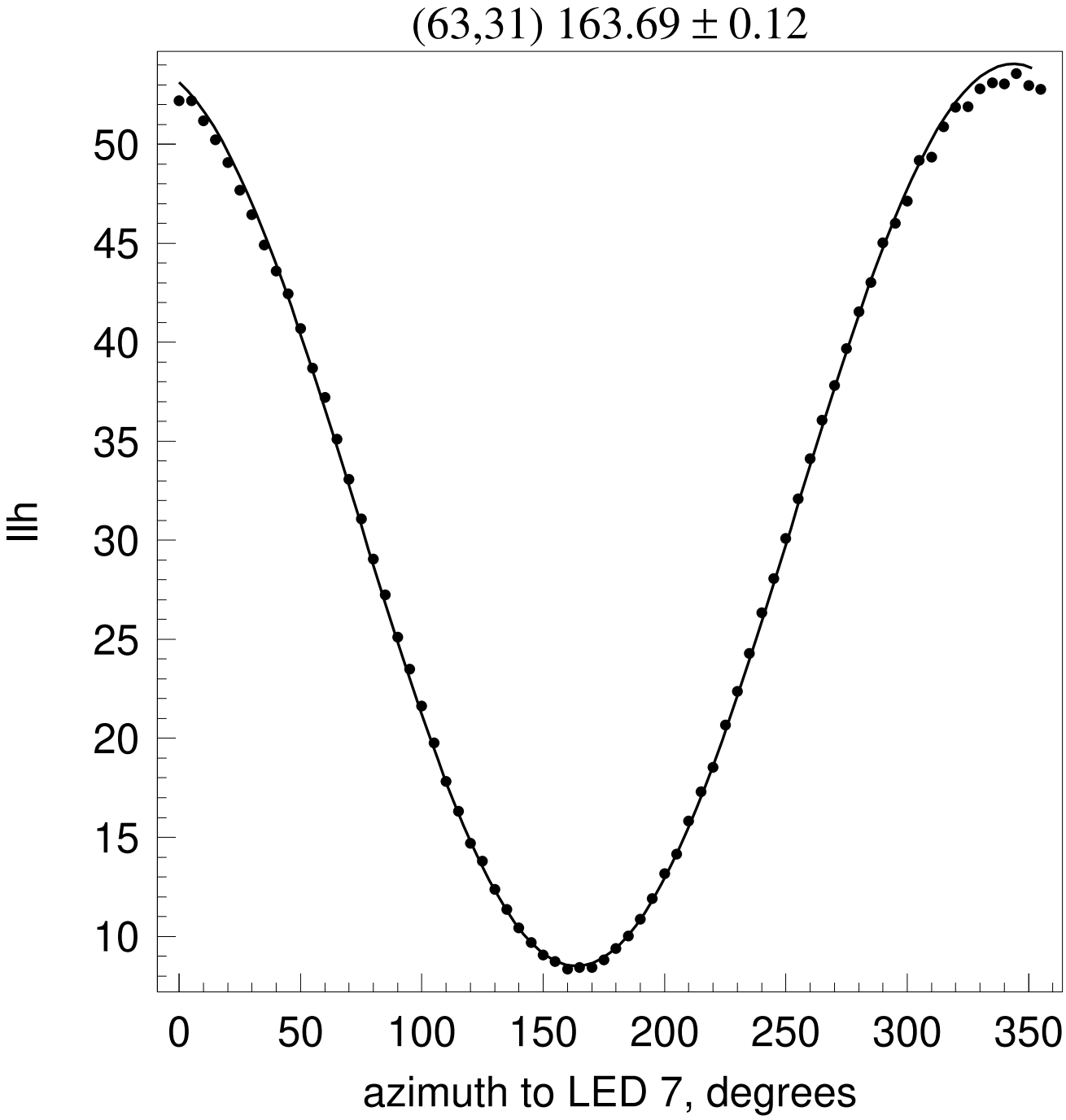

(63,26) 298.76 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

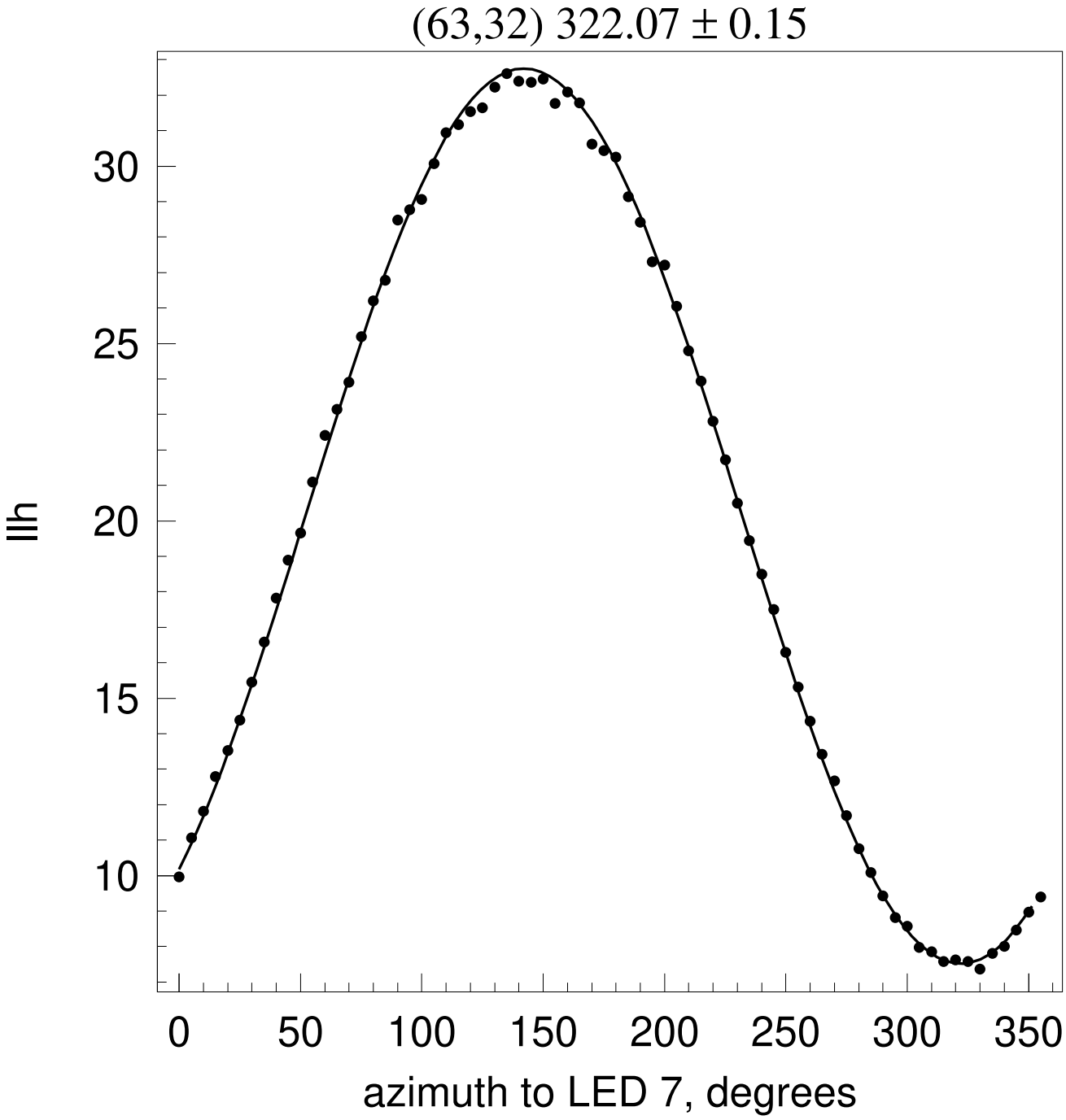

(63,27) 310.69 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

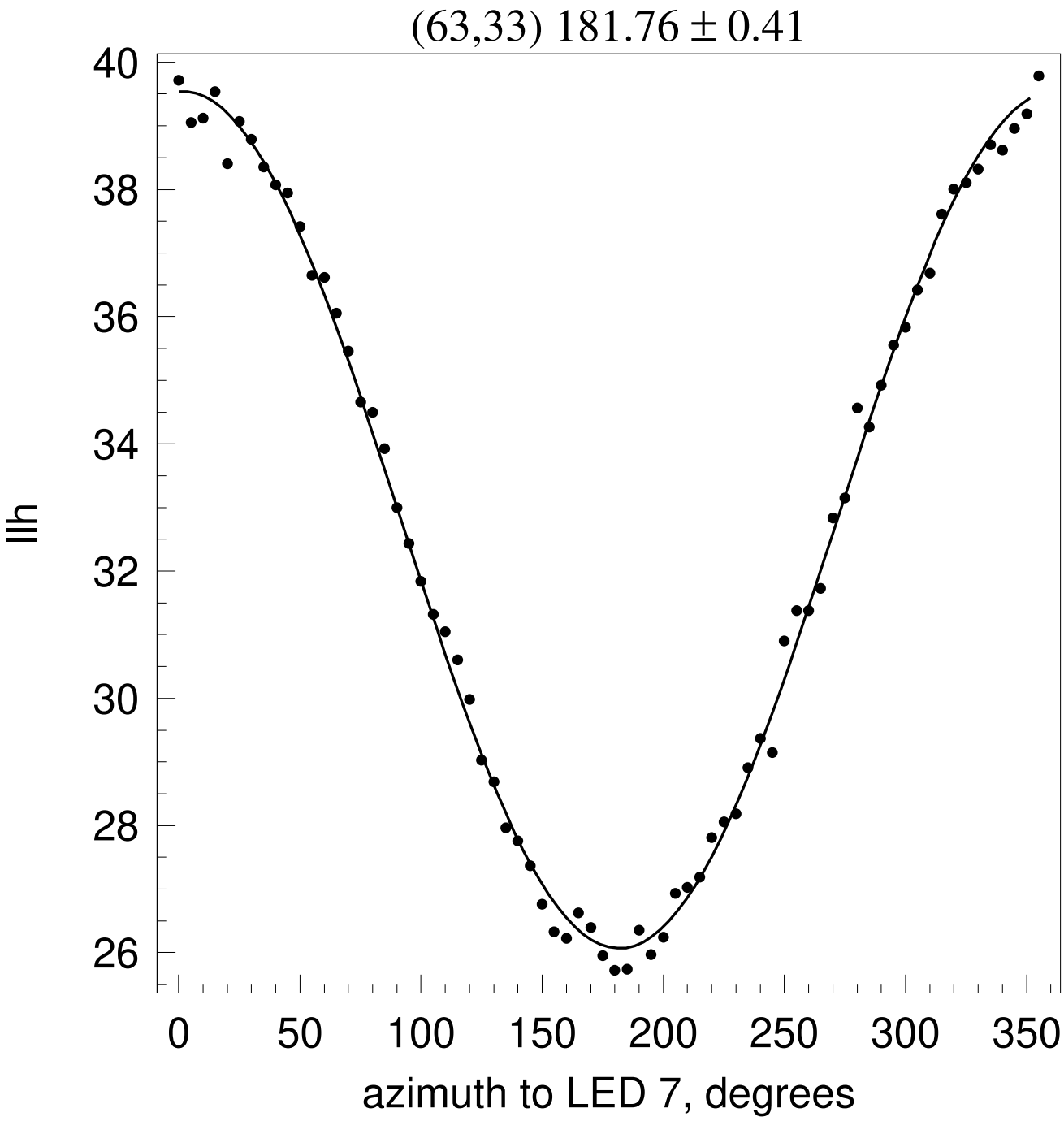

(63,28) 10.82 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

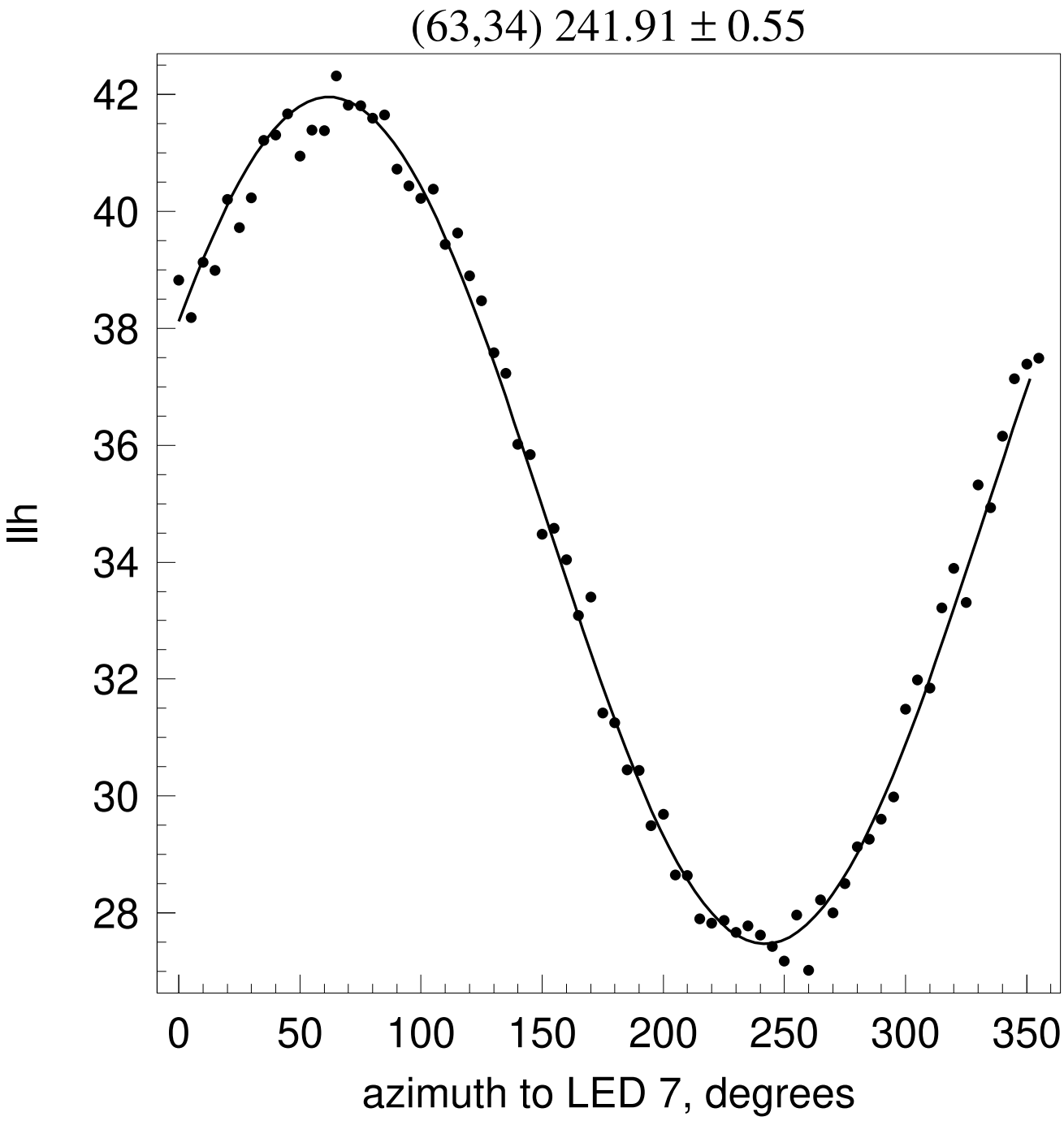

(63,29) 141.04 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

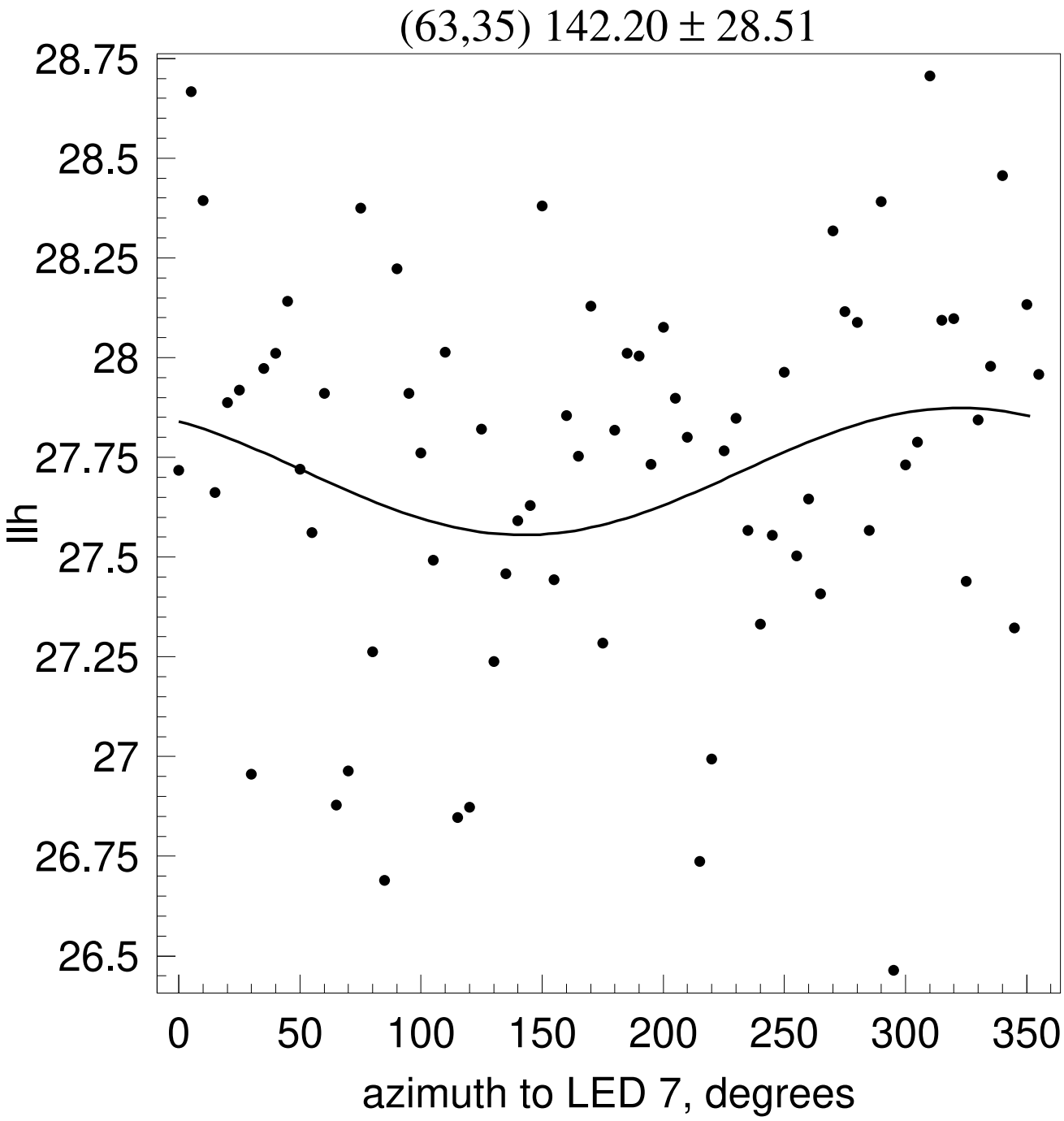

(63,30) 249.94 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

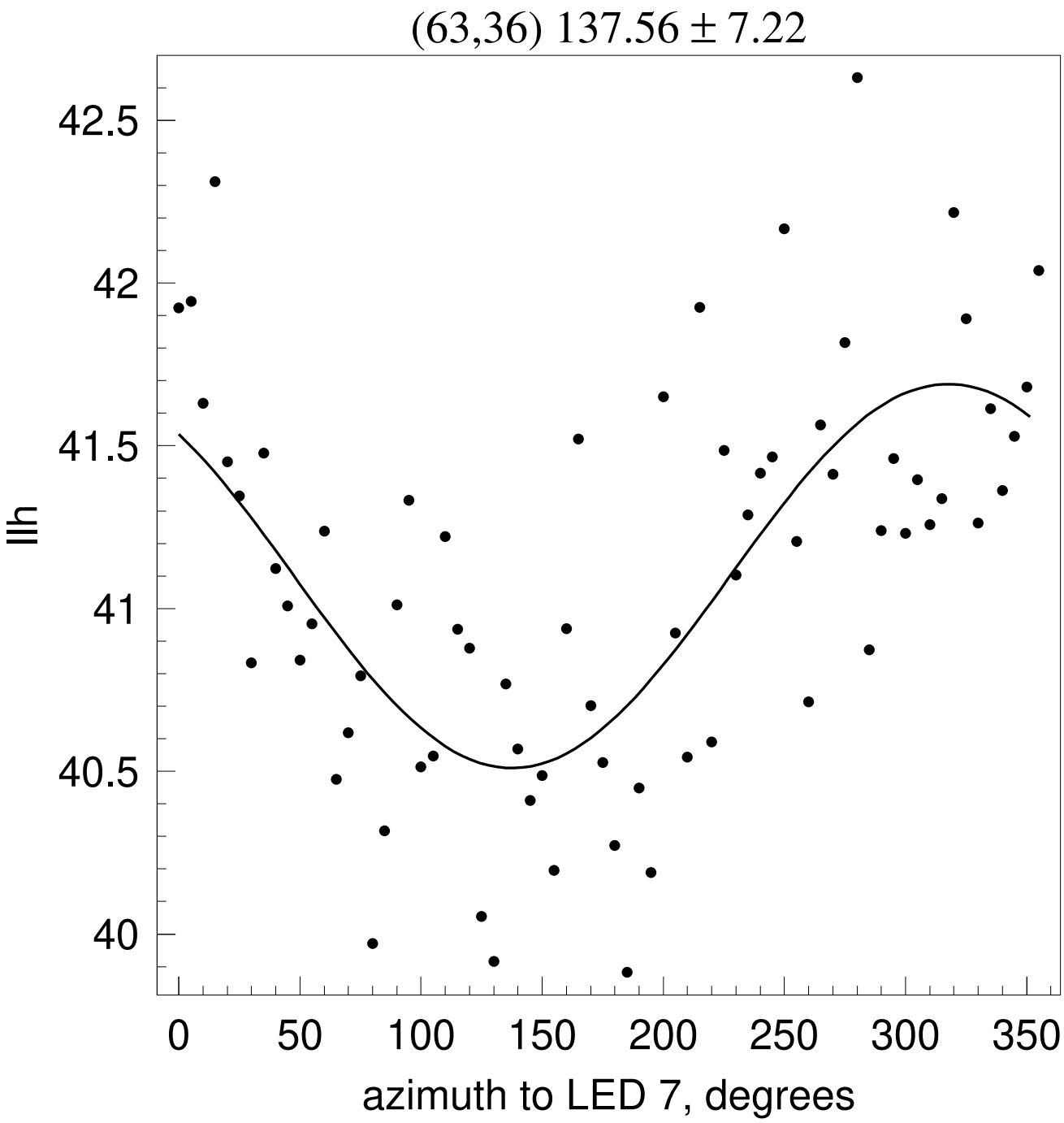

(63,31) 163.69 ± 0.12
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

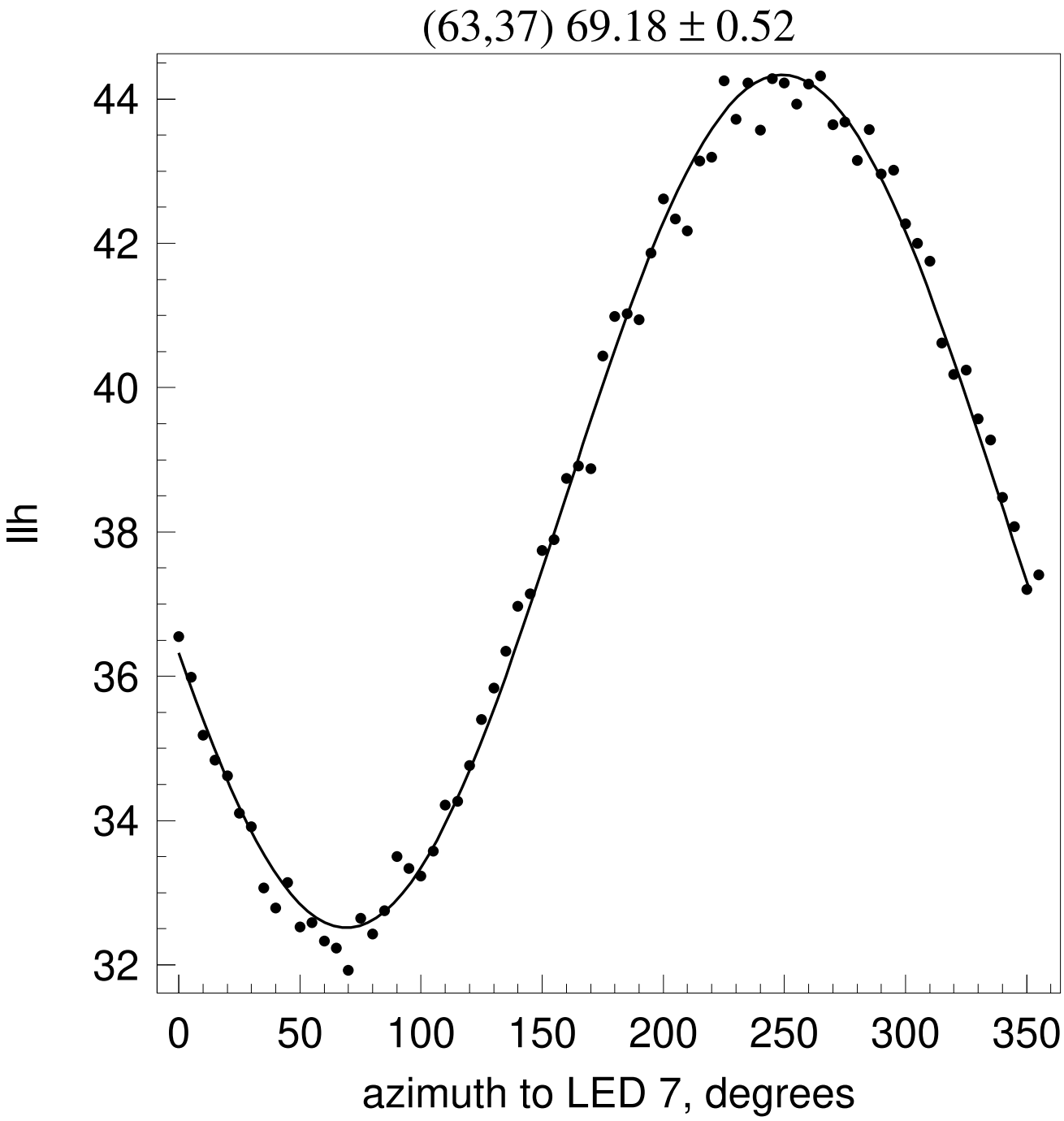

(63,32) 322.07 ± 0.15
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

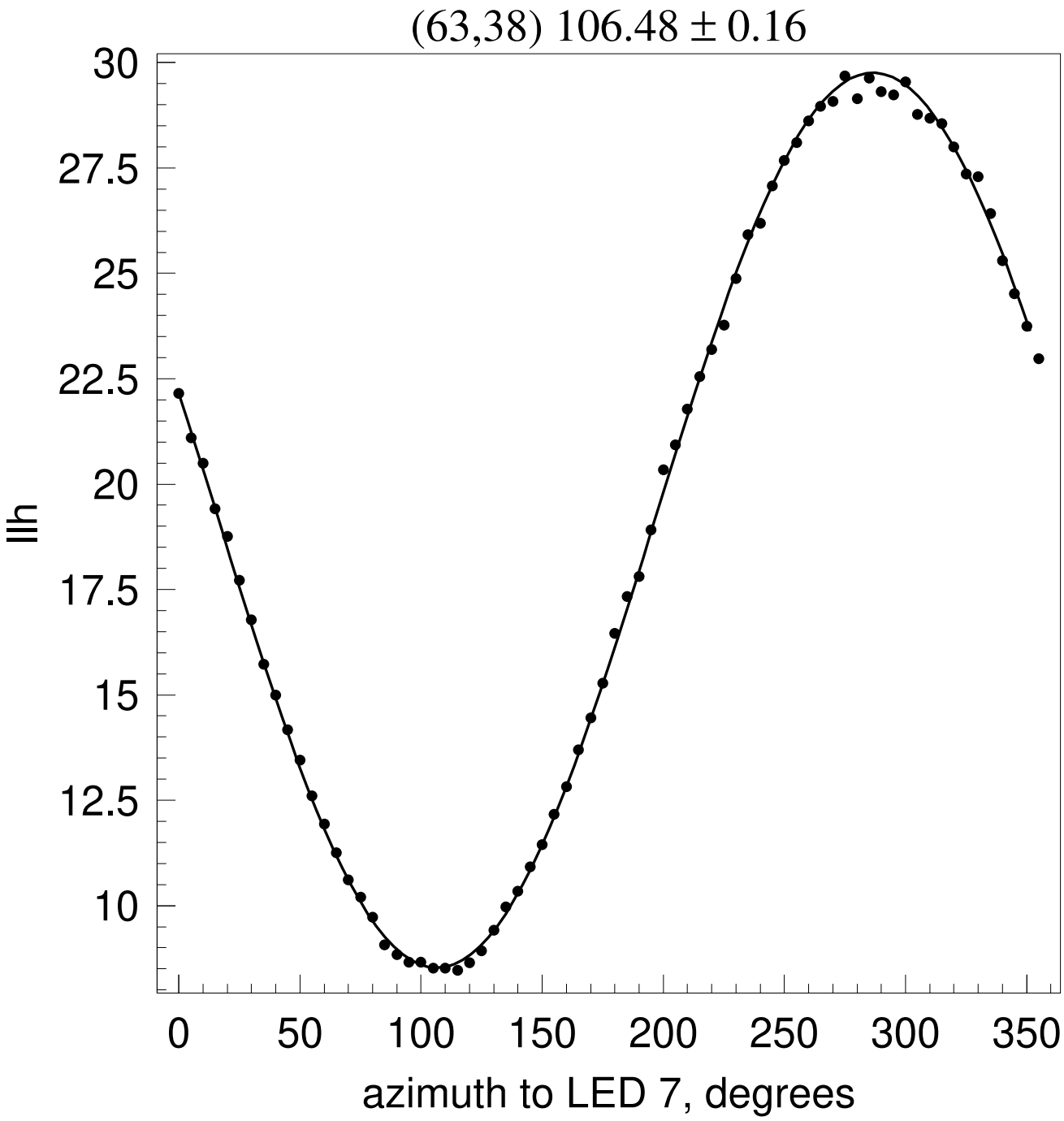

(63,33) 181.76 ± 0.41
40
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

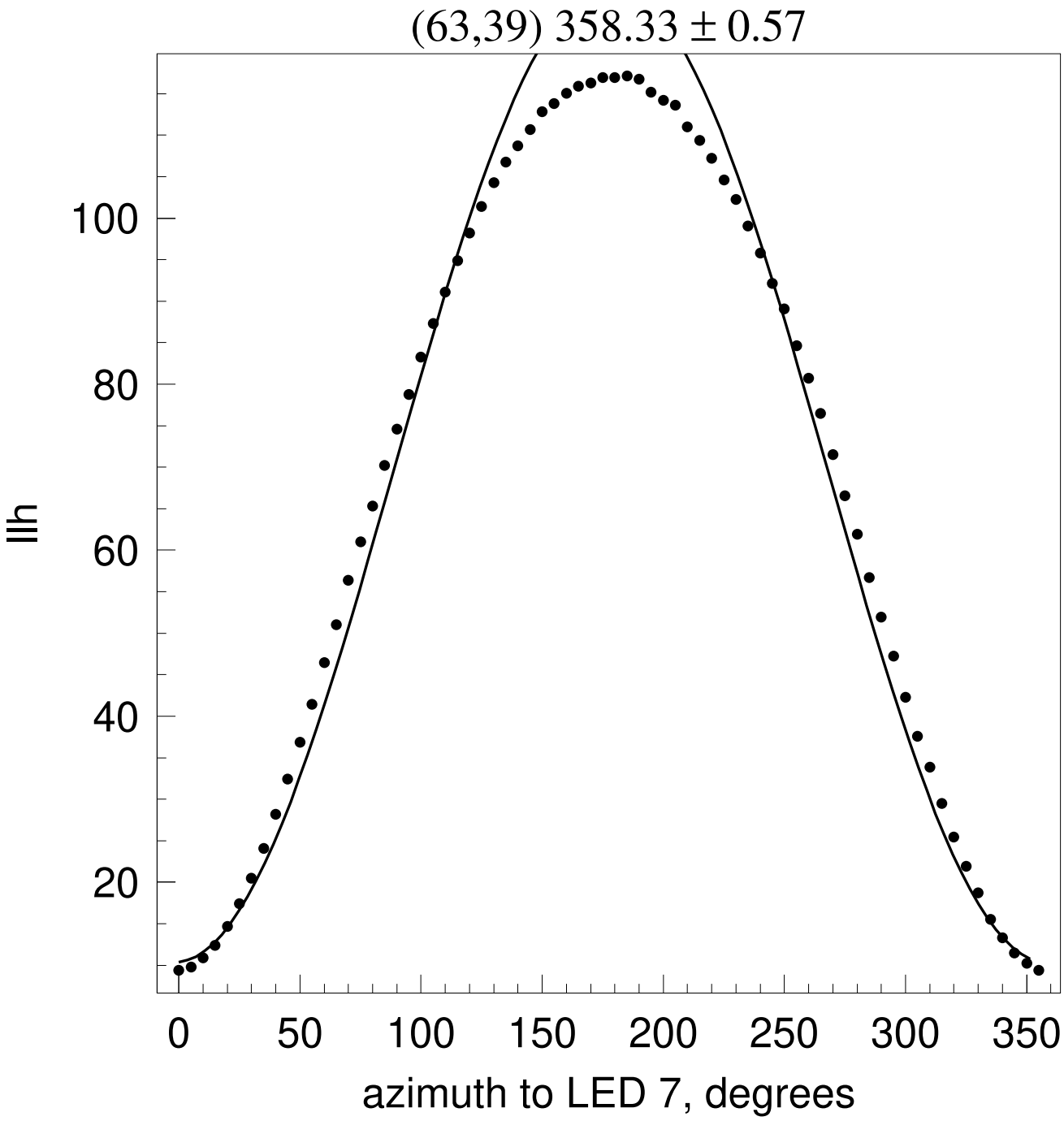

(63,34) 241.91 ± 0.55
42
40
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

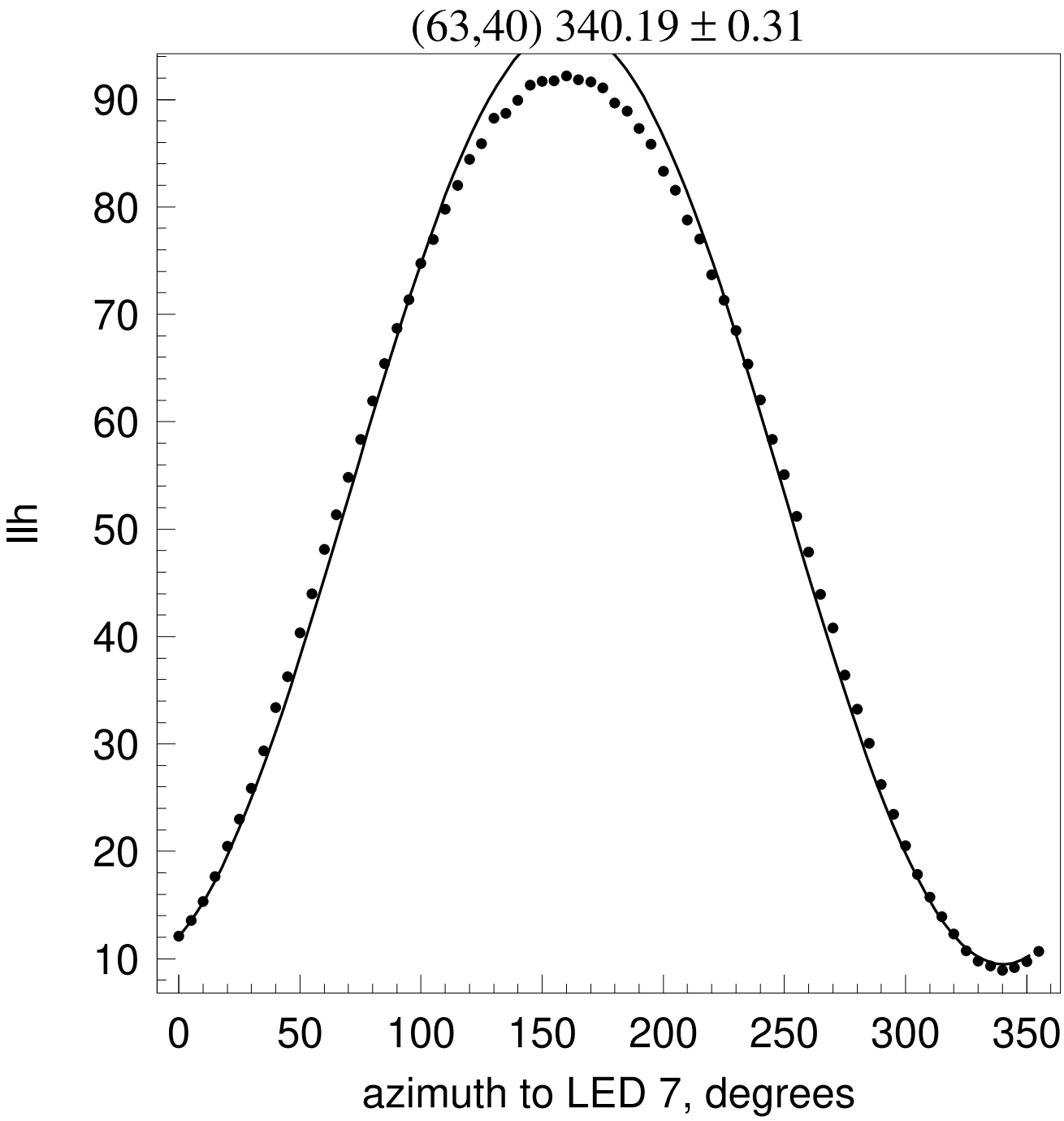

(63,35) 142.20 ± 28.51
28.75
28.5
28.25
28
27.75
27.5
27.25
27
26.75
26.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

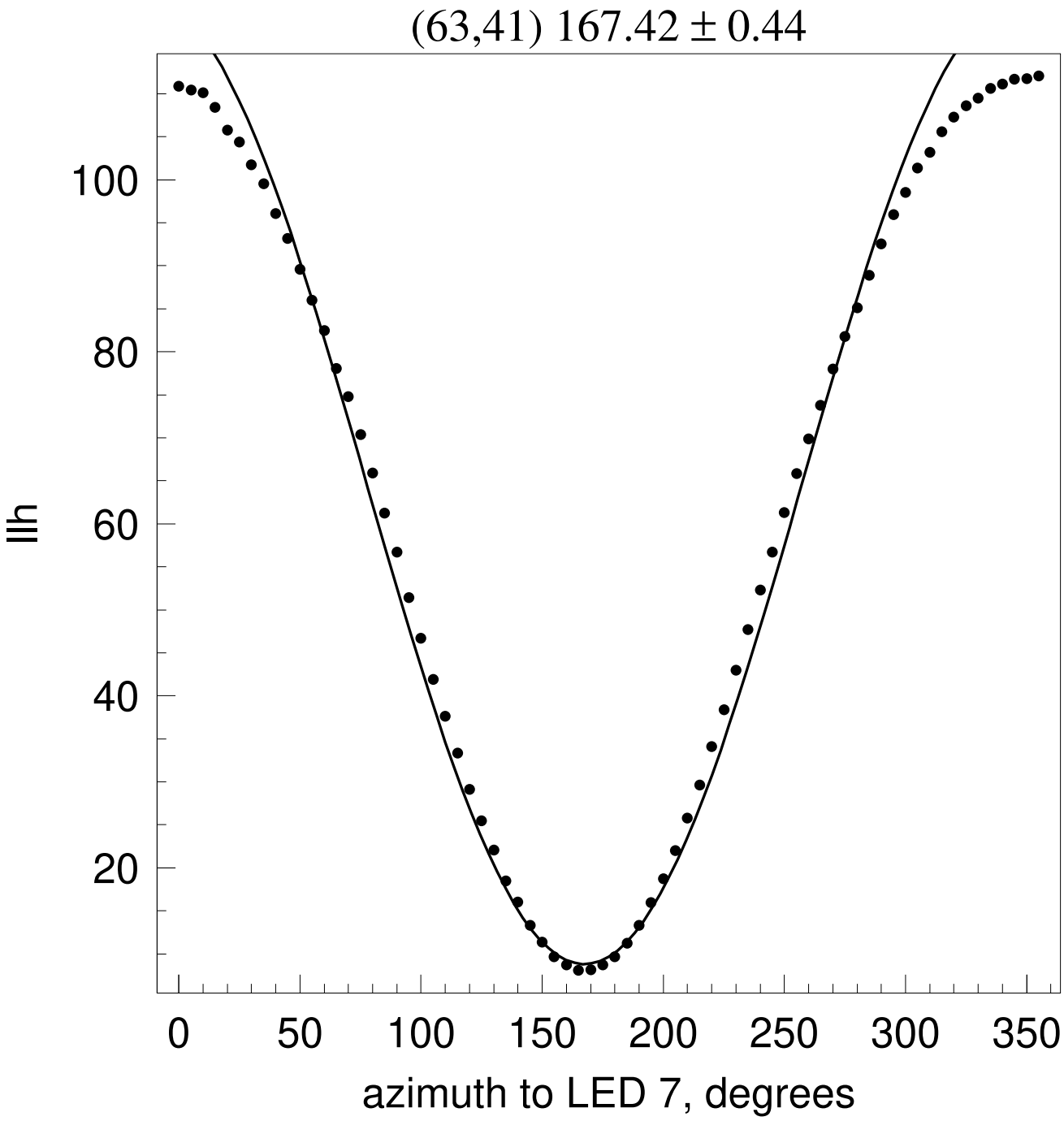

(63,36) 137.56 ± 7.22
42.5
42
41.5
41
40.5
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

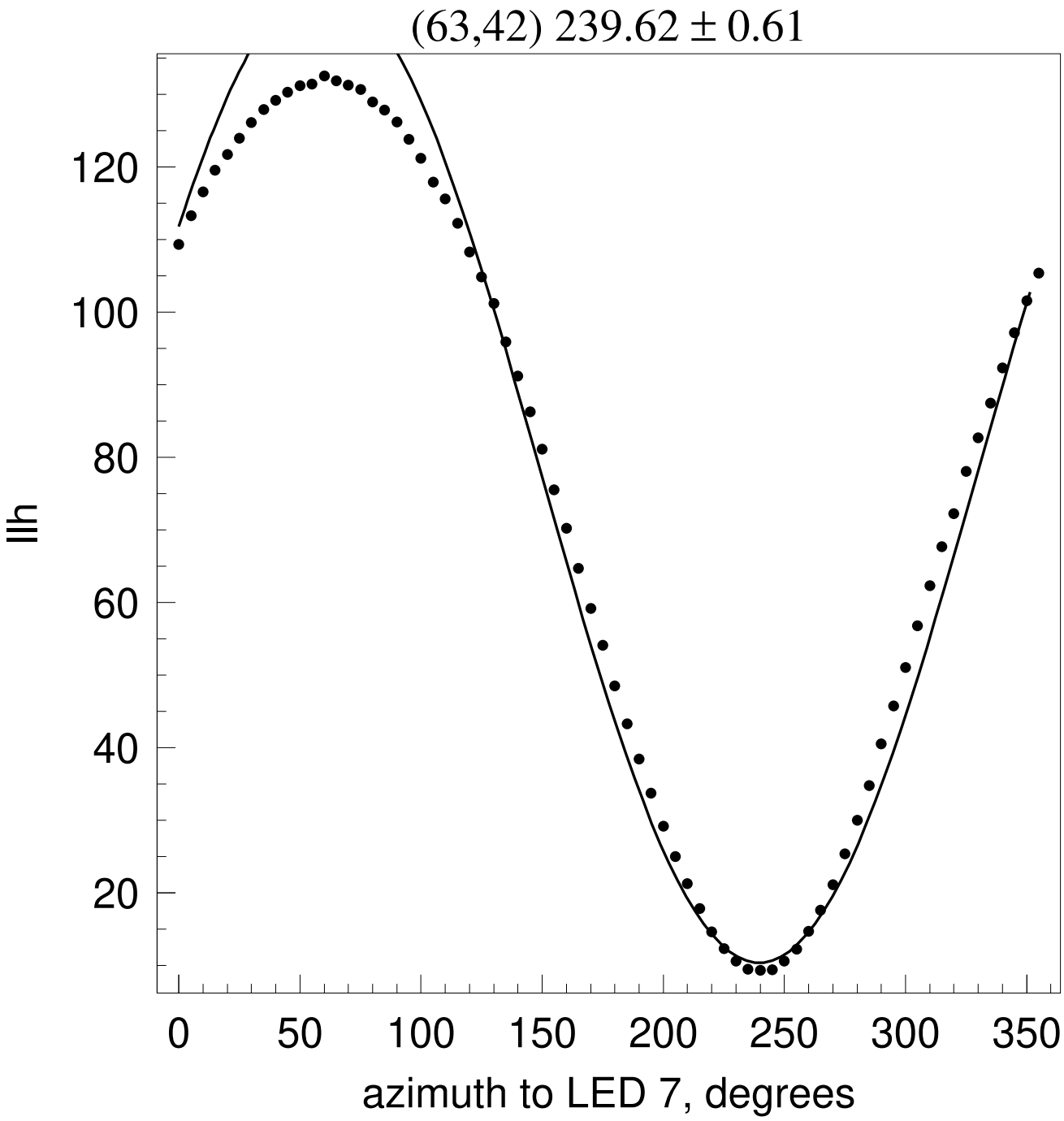

(63,37) 69.18 ± 0.52
44
42
40
38
36
34
32
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

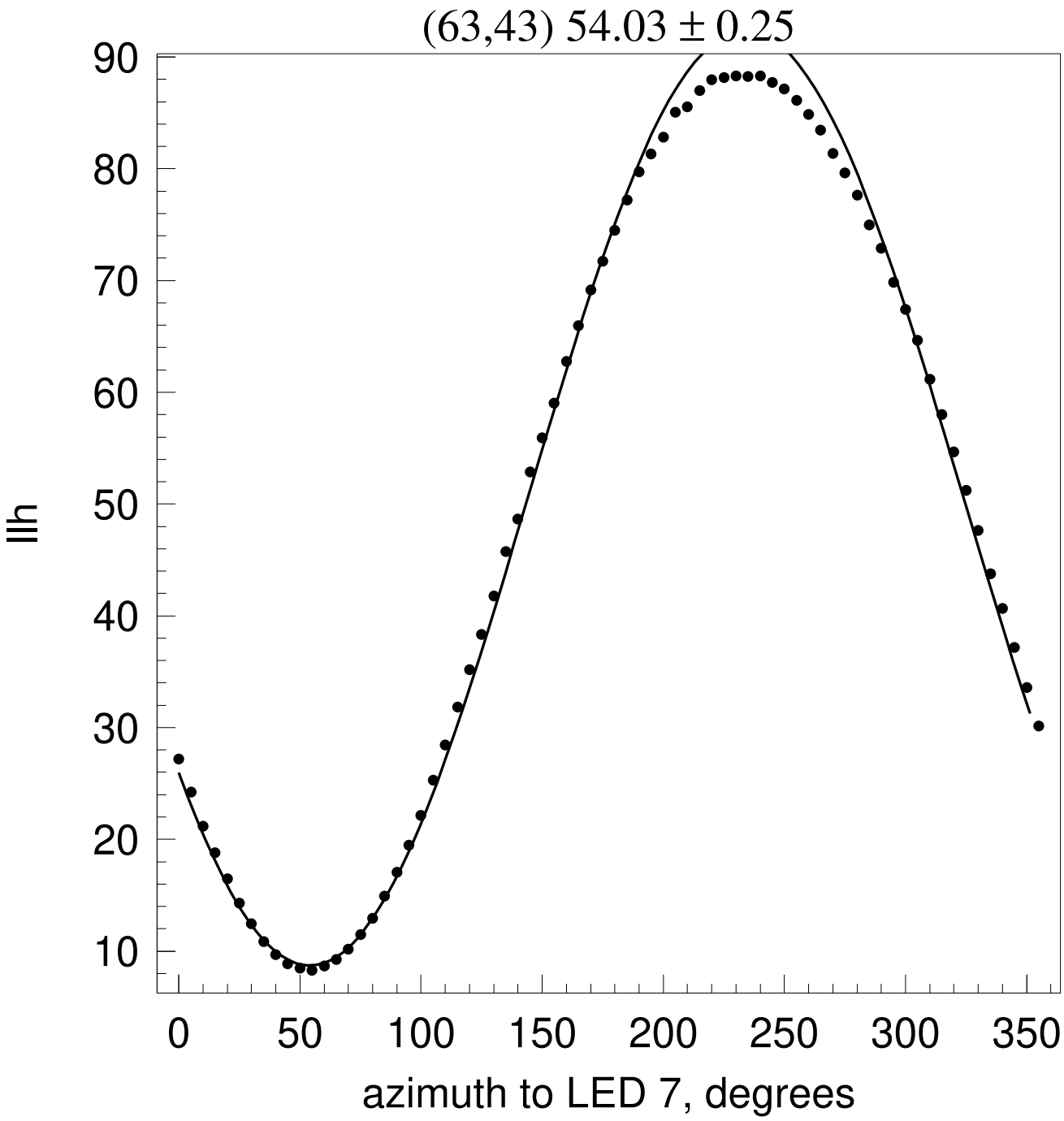

(63,38) 106.48 ± 0.16
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

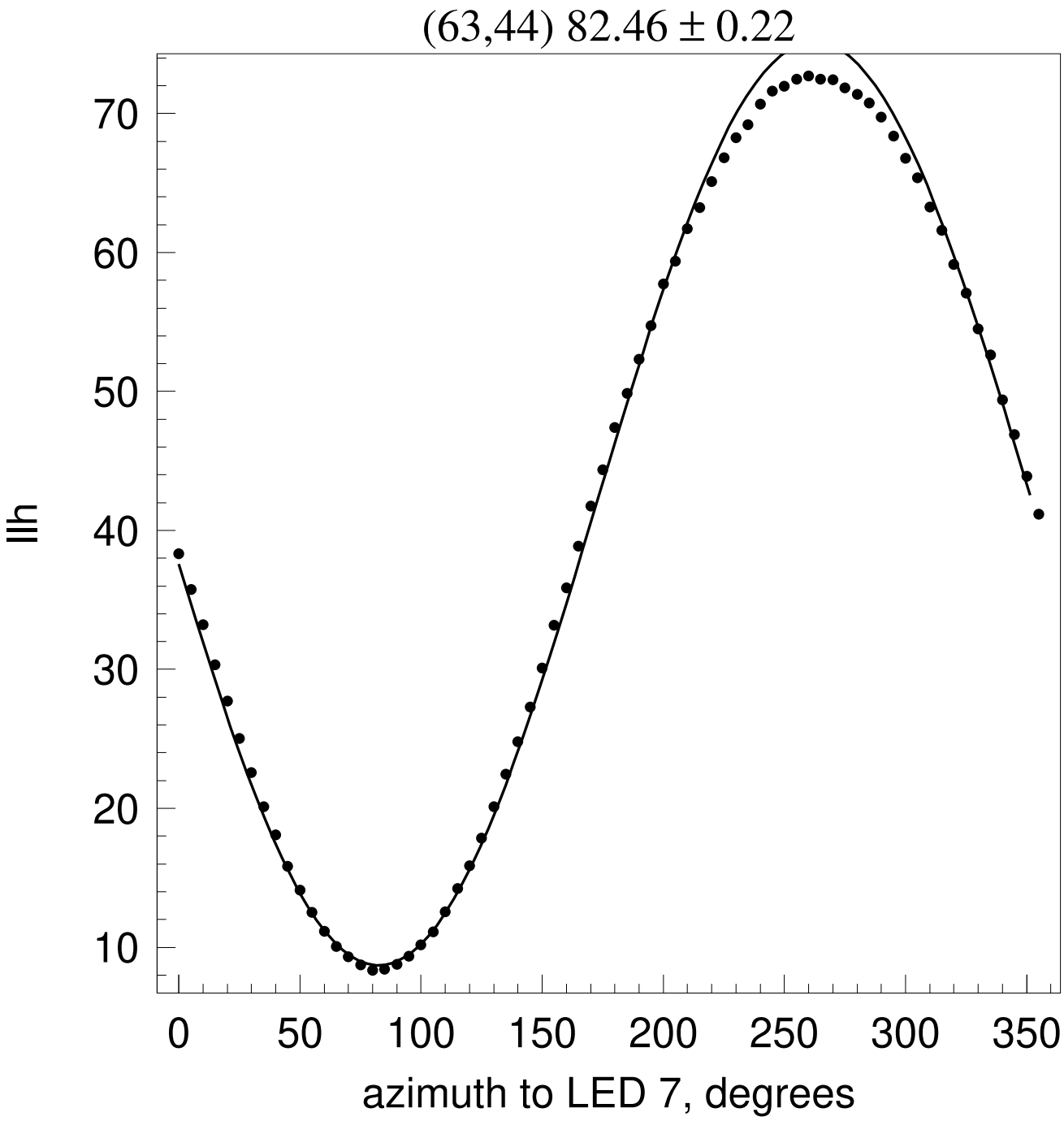

(63,39) 358.33 ± 0.57
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

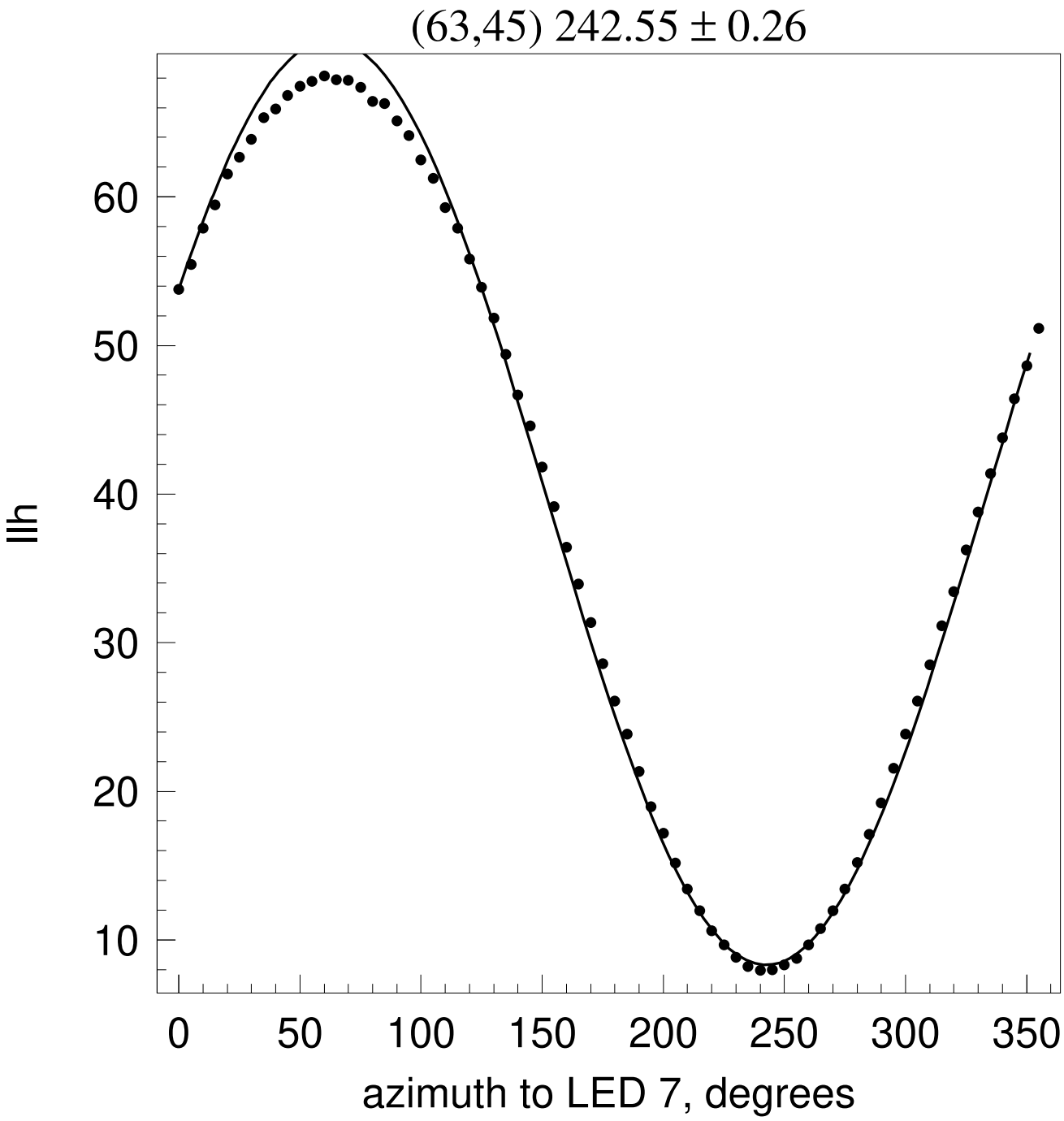

(63,40) 340.19 ± 0.31
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

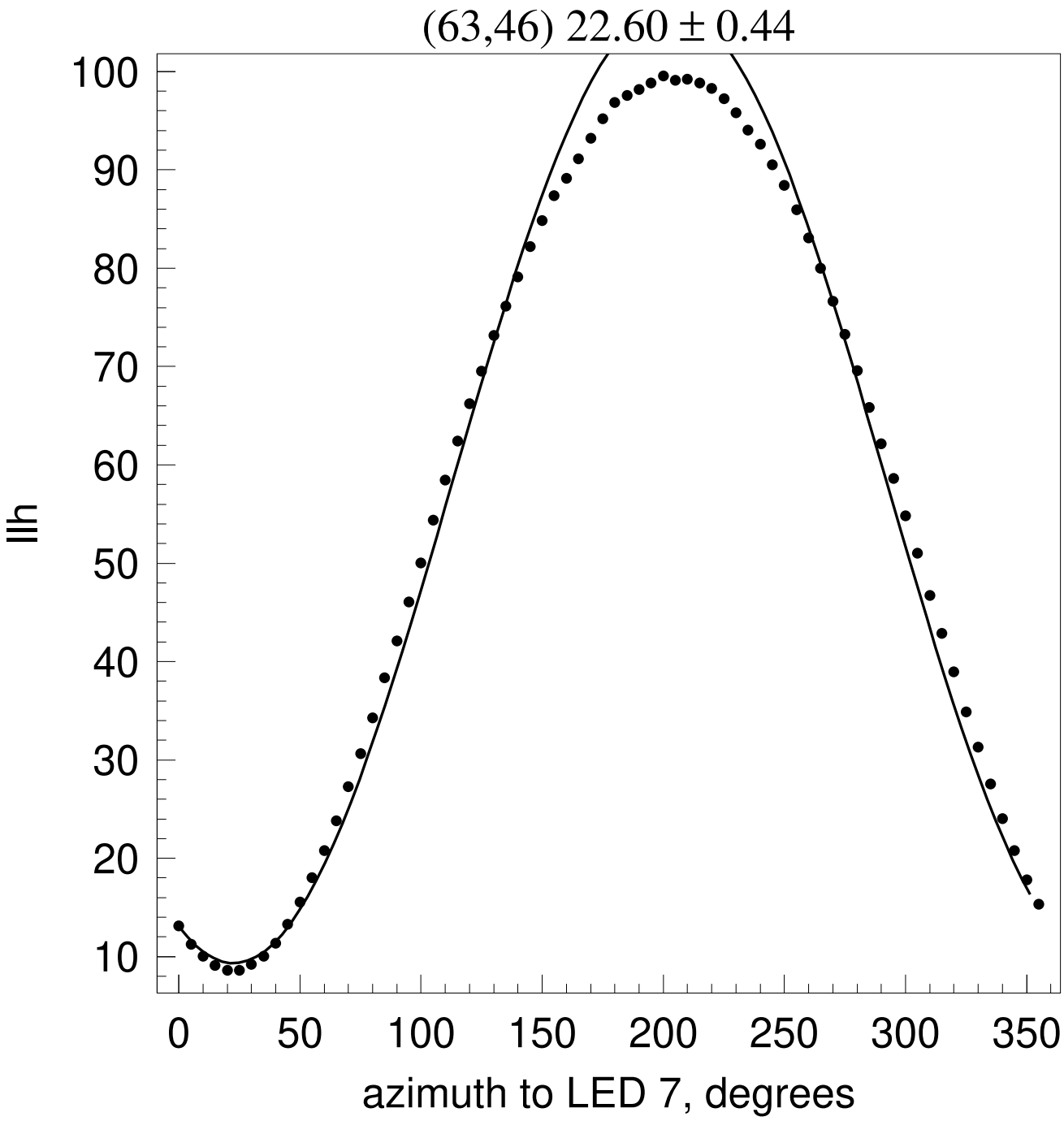

(63,41) 167.42 ± 0.44
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

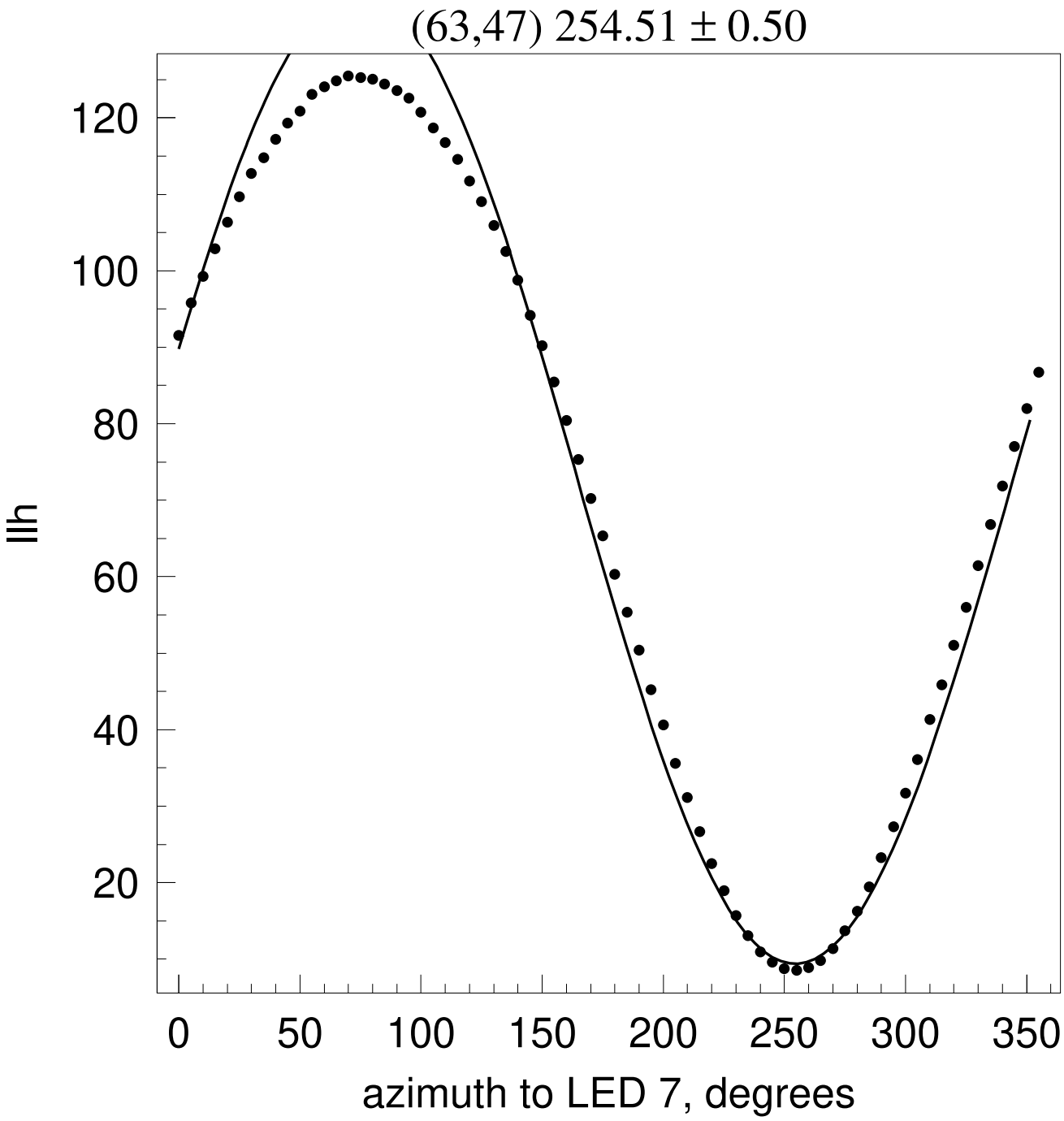

(63,42) 239.62 ± 0.61
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

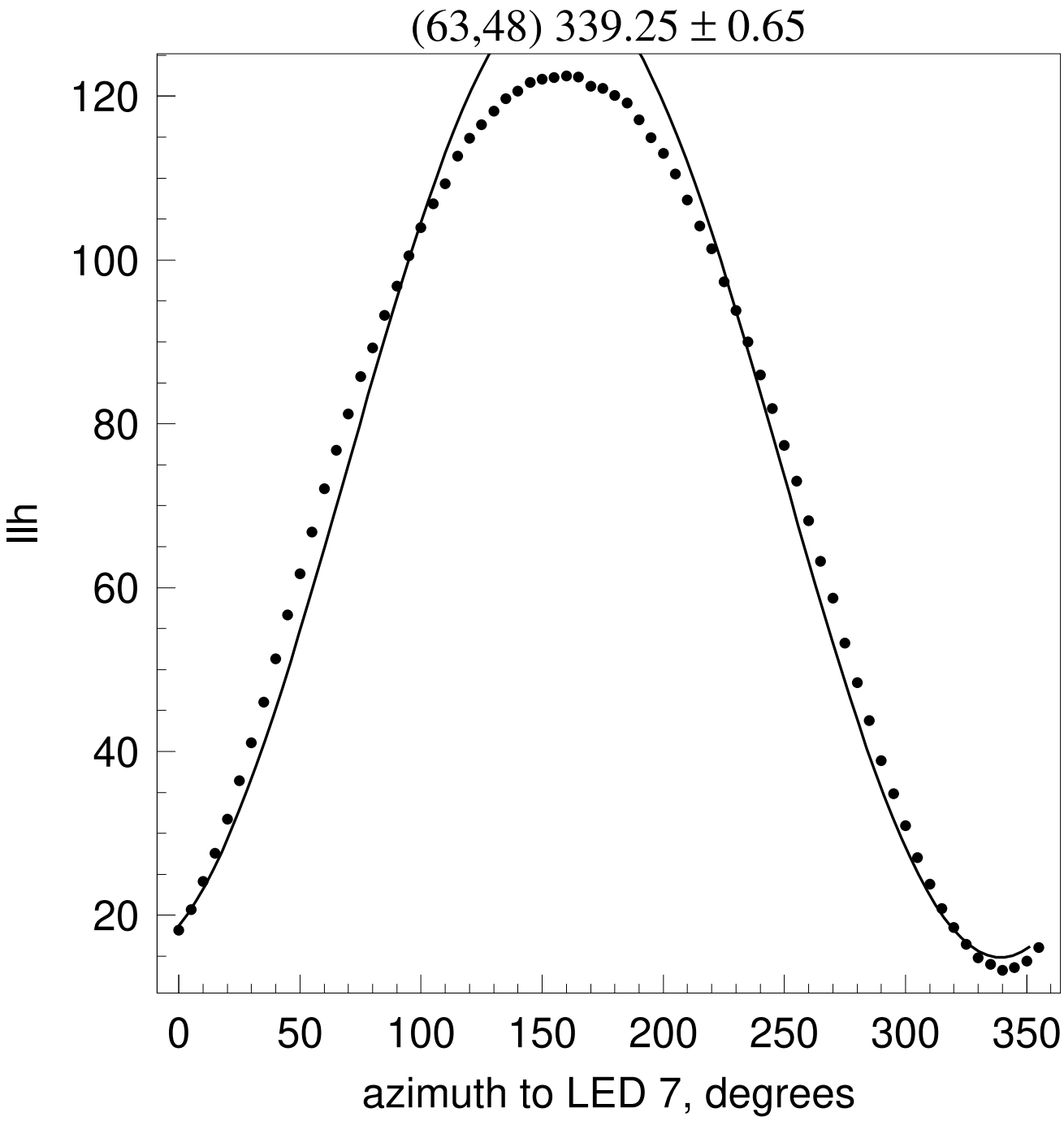

(63,43) 54.03 ± 0.25
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

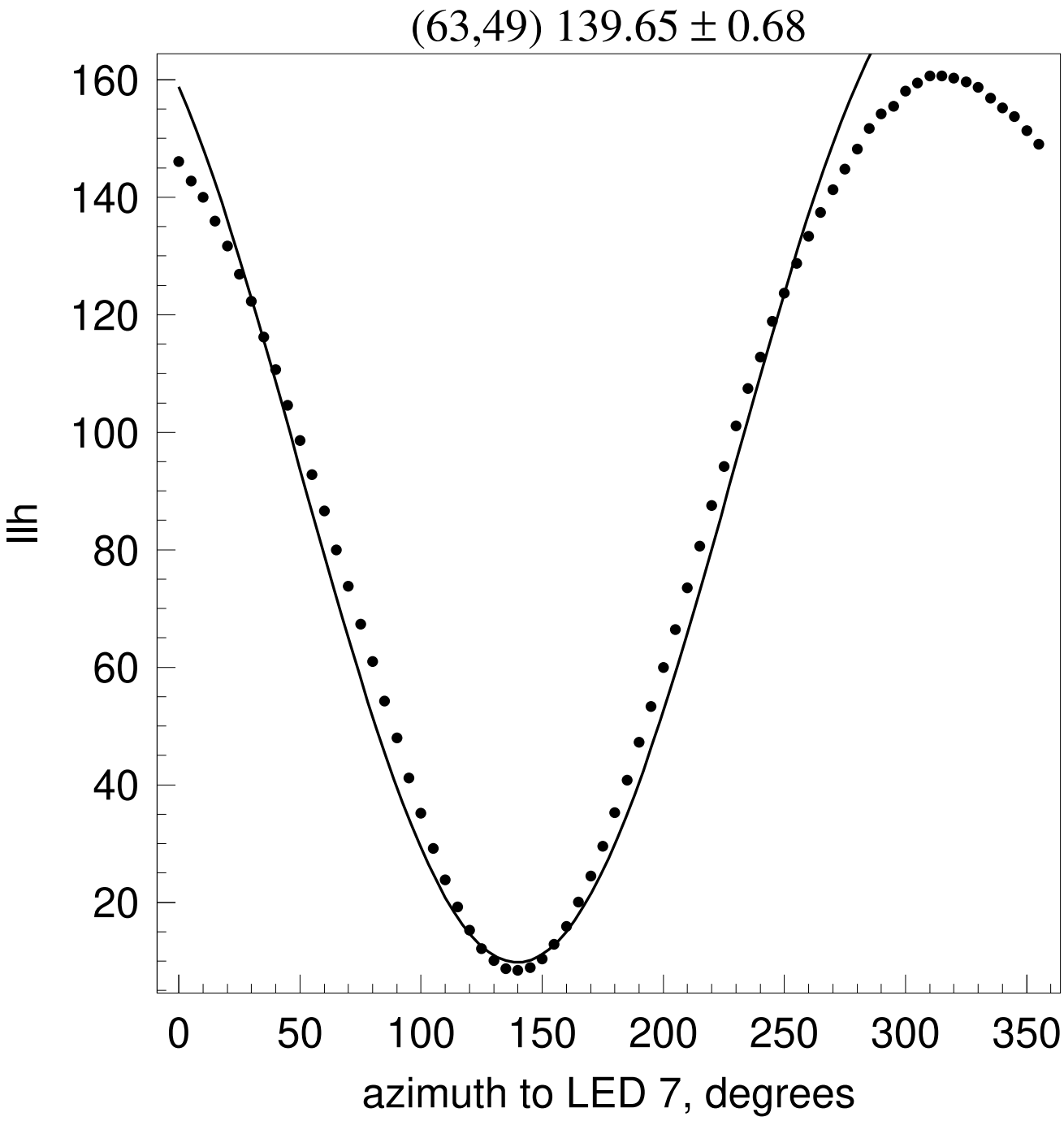

(63,44) 82.46 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

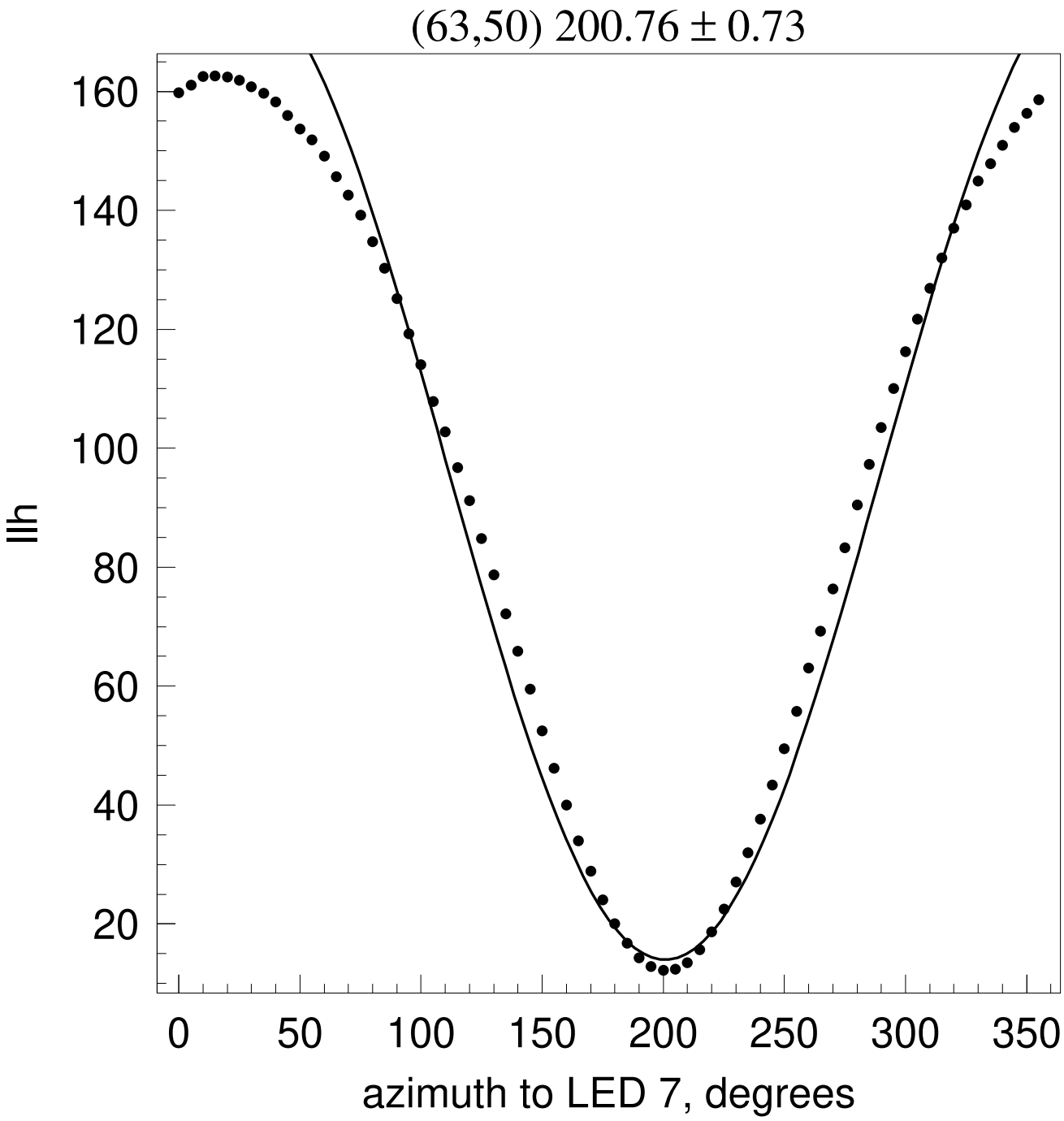

(63,45) 242.55 ± 0.26
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

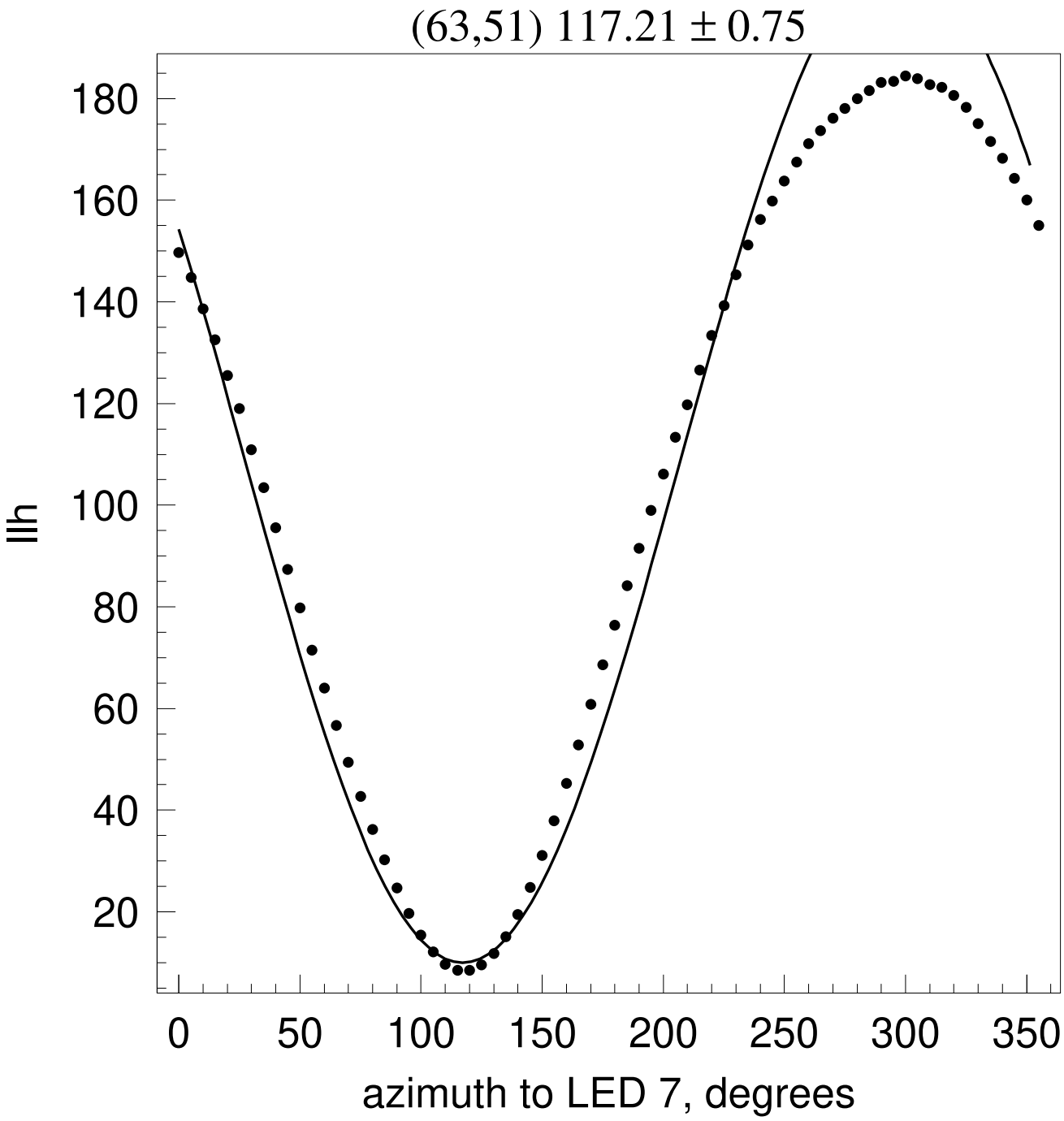

(63,46) 22.60 ± 0.44
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

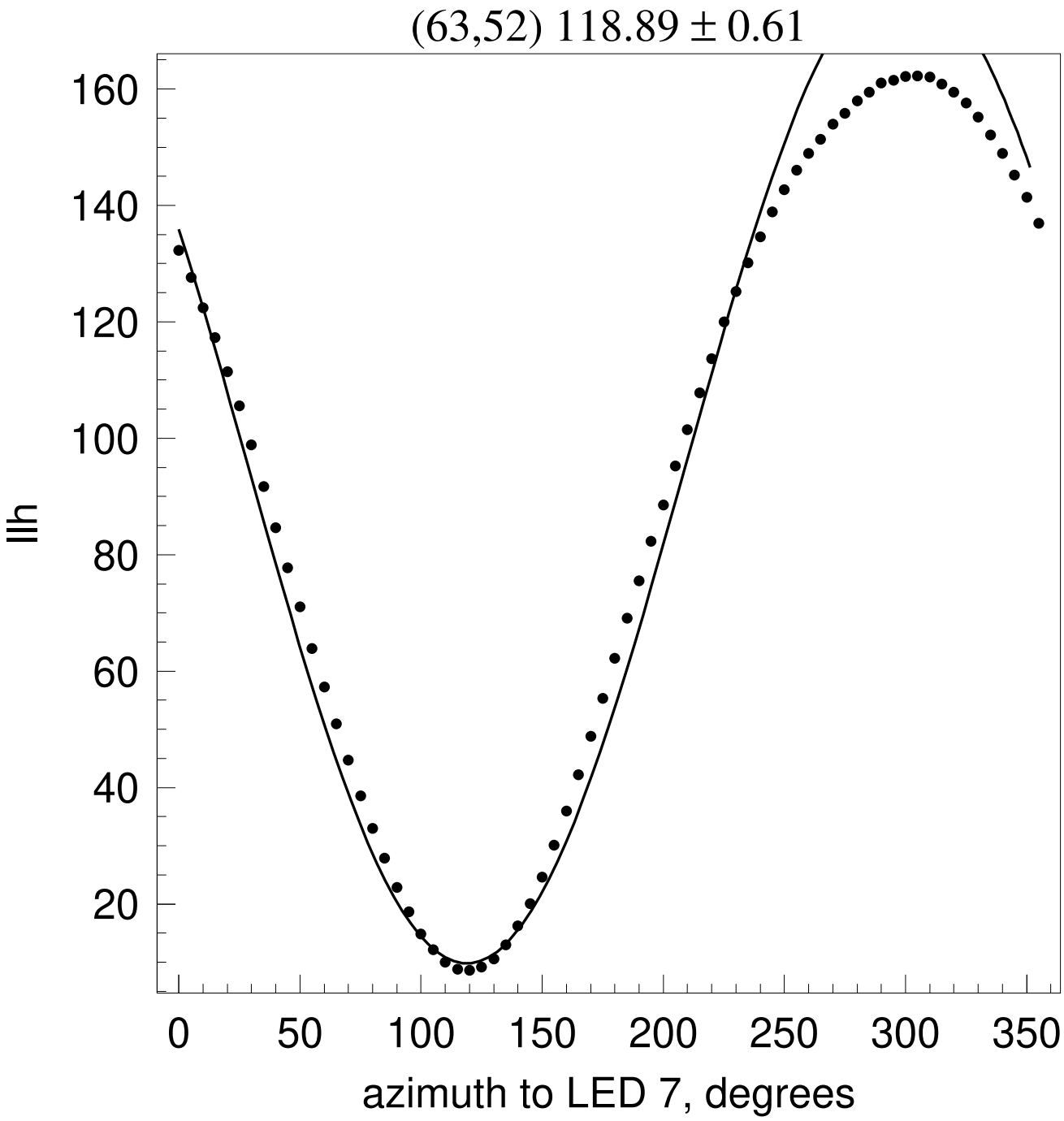

(63,47) 254.51 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

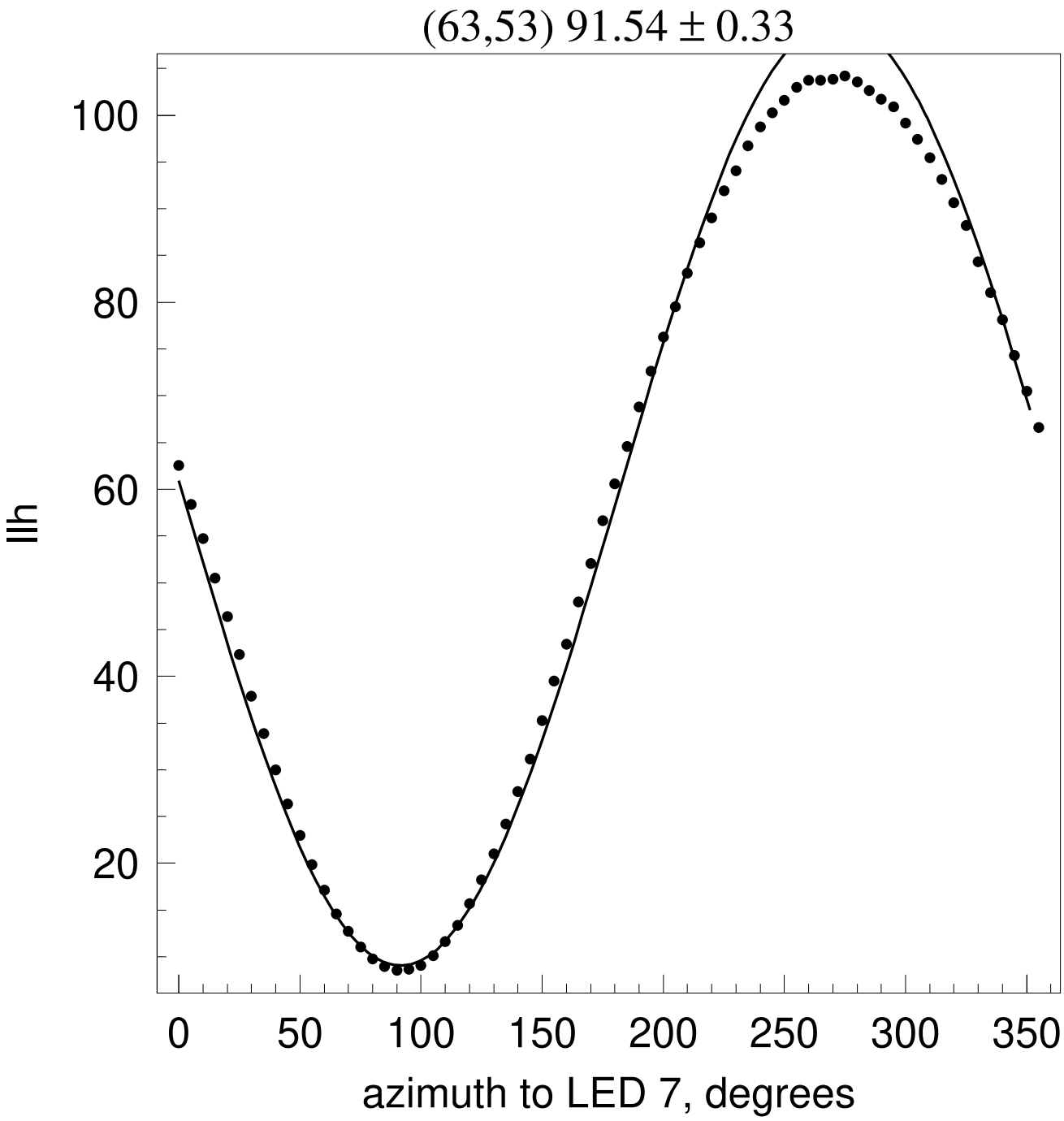

(63,48) 339.25 ± 0.65
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

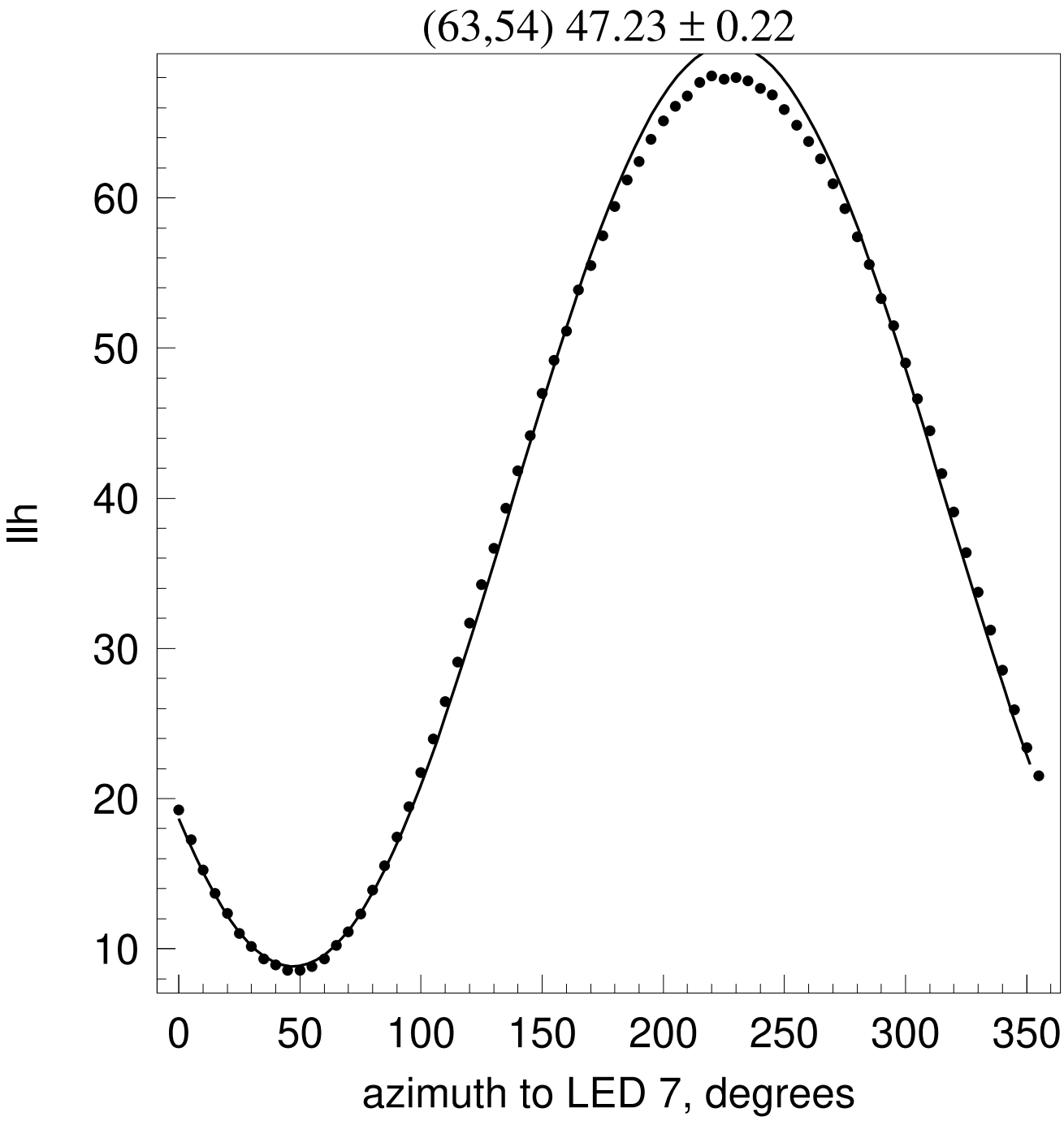

(63,49) 139.65 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

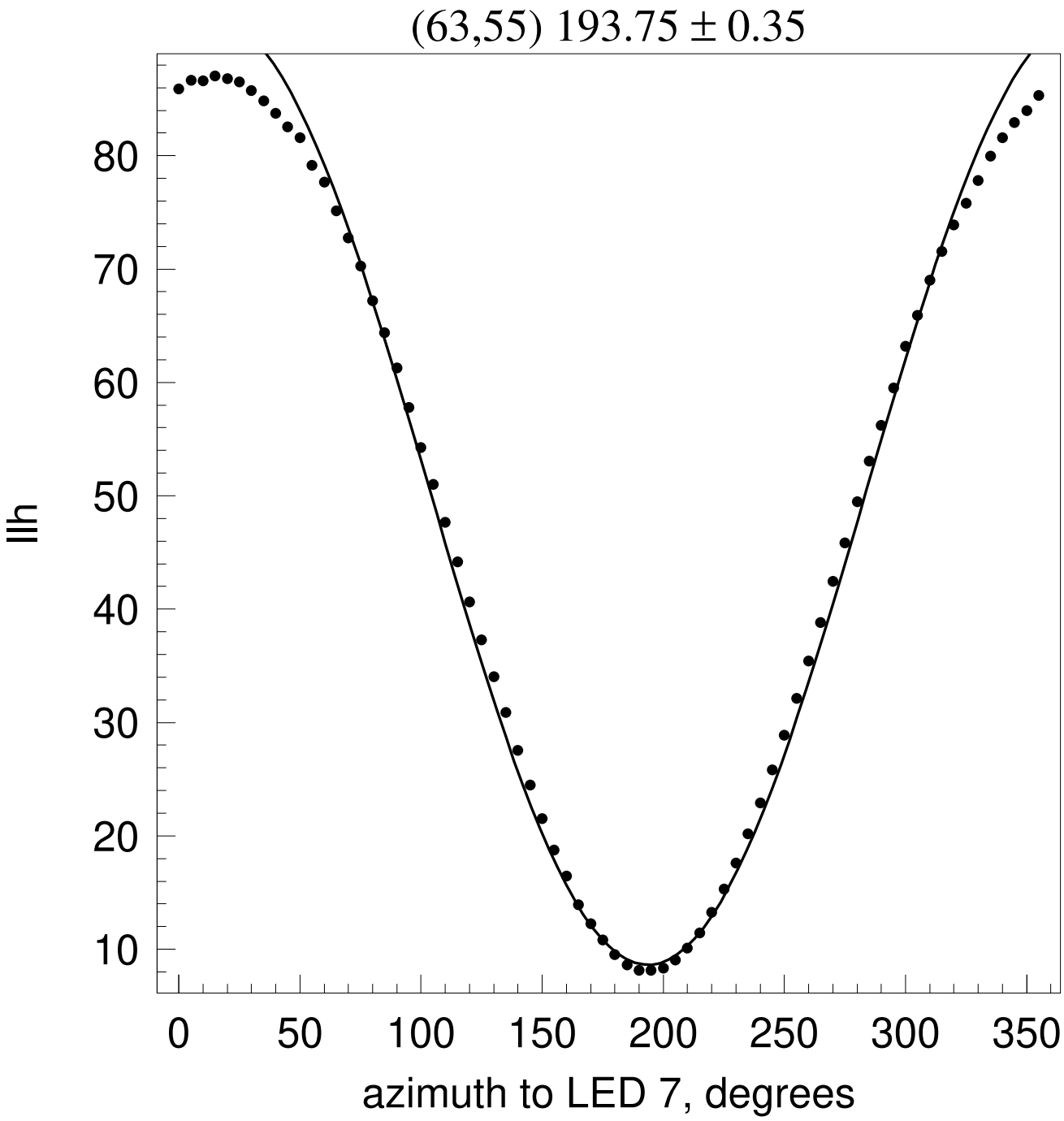

(63,50) 200.76 ± 0.73
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

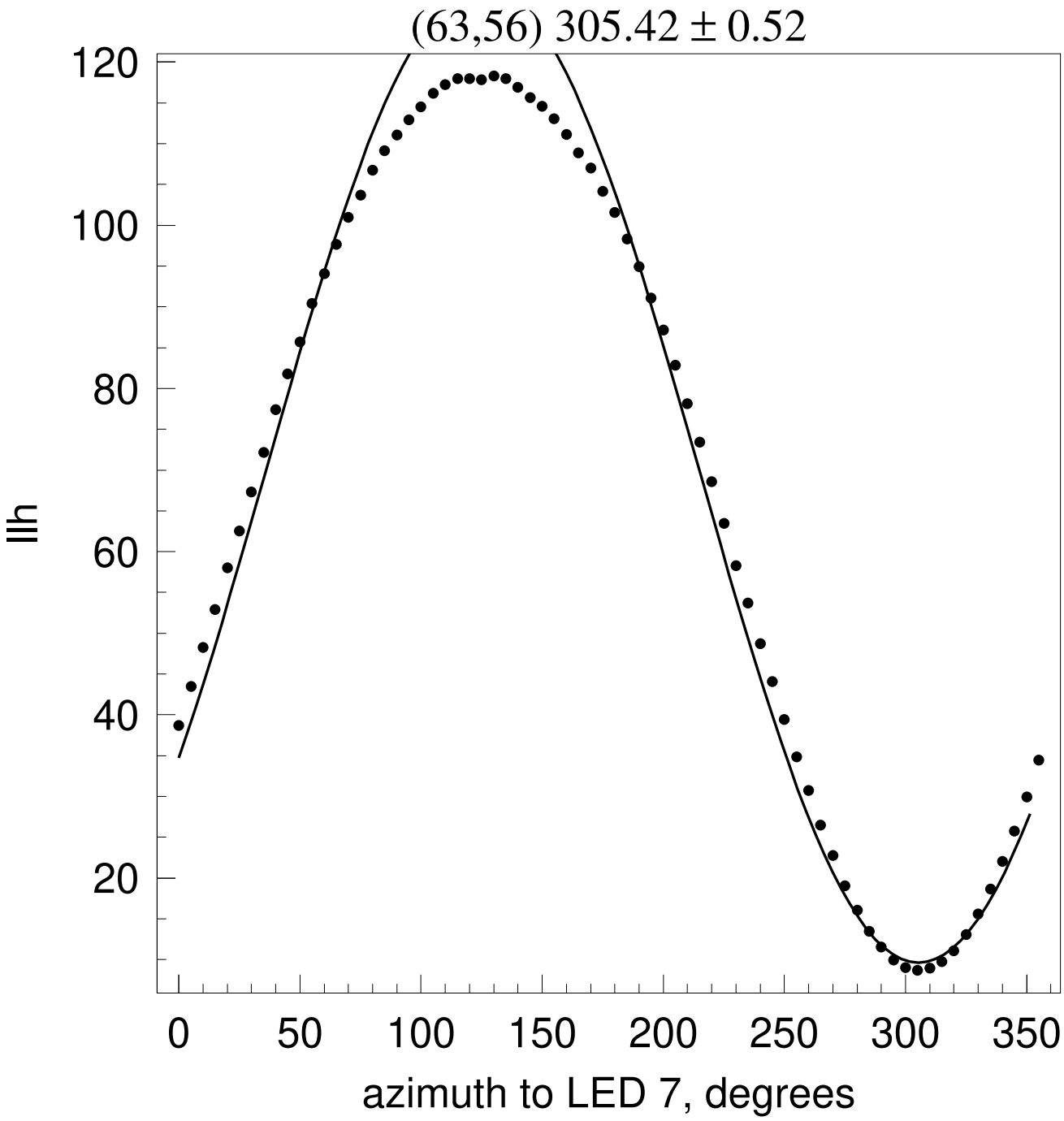

(63,51) 117.21 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

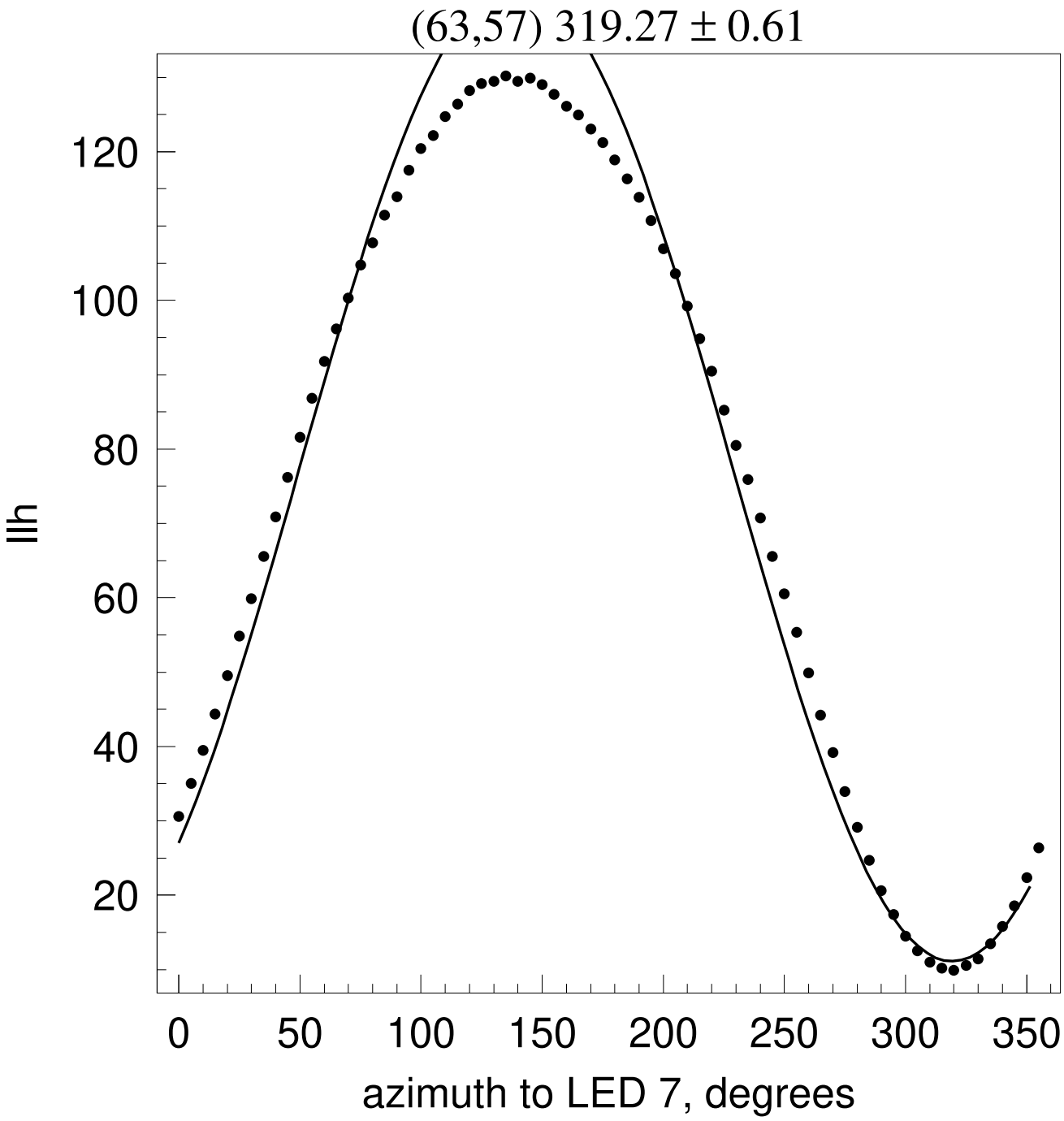

(63,52) 118.89 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

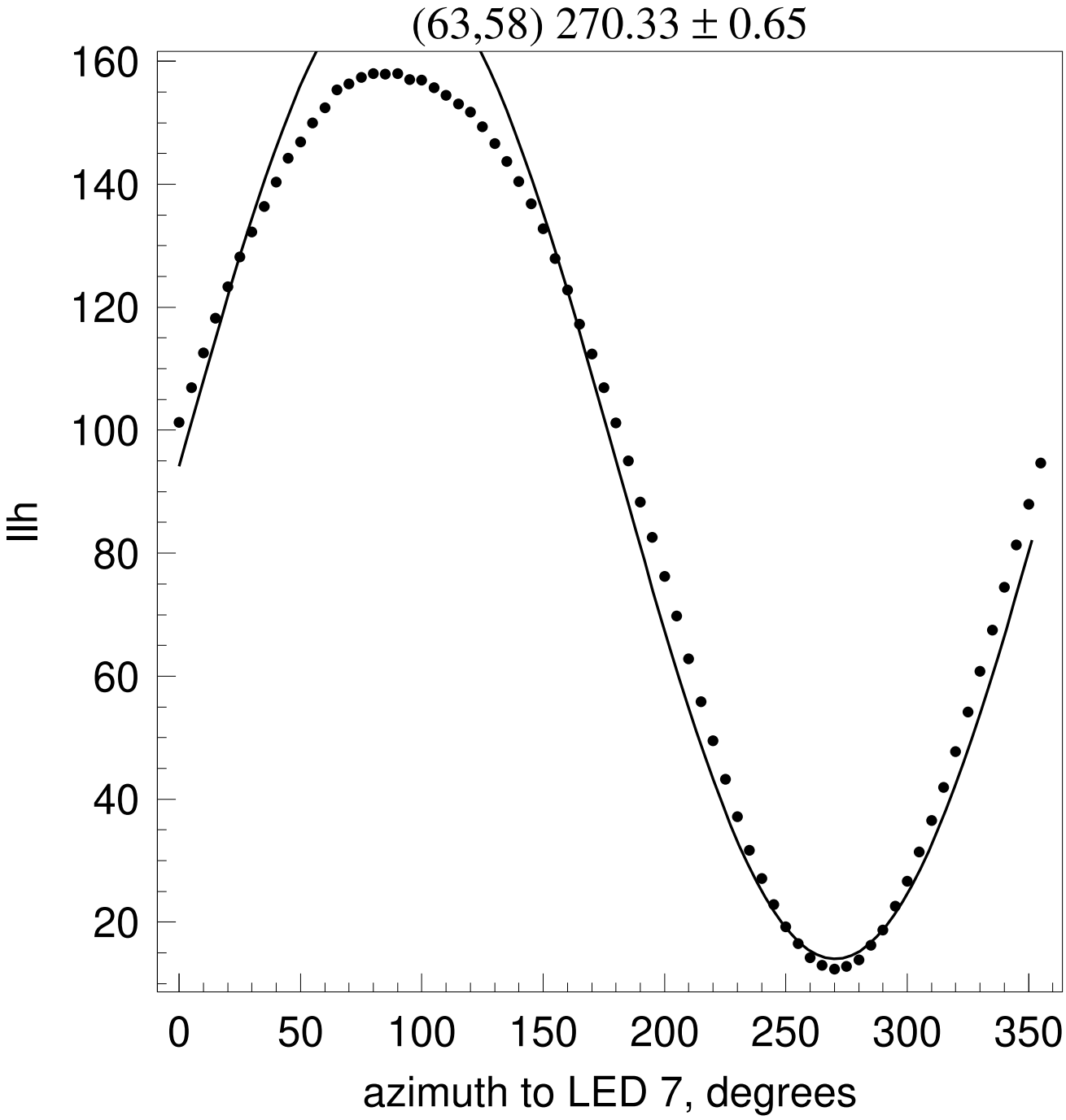

(63,53) 91.54 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

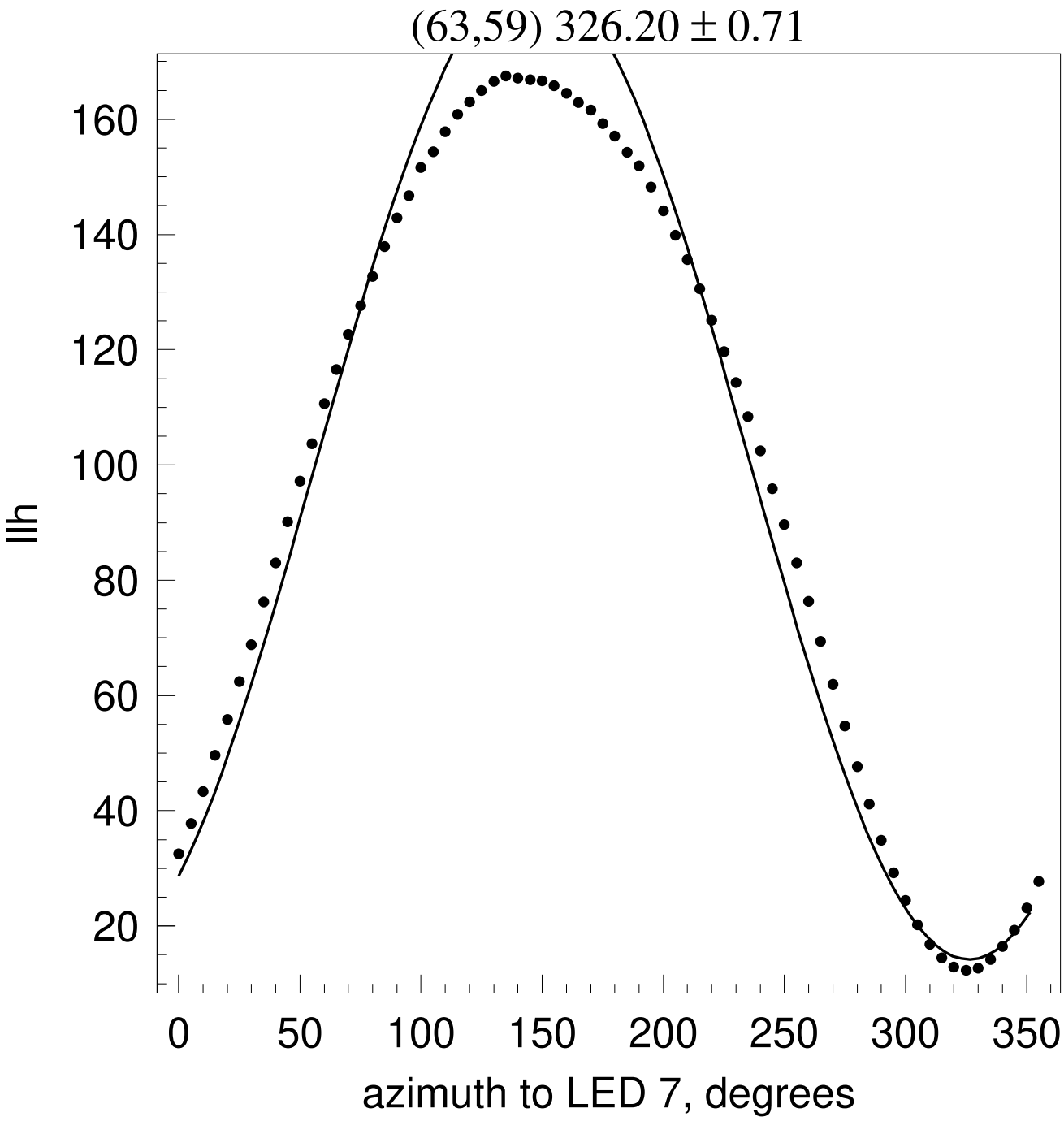

(63,54) 47.23 ± 0.22
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

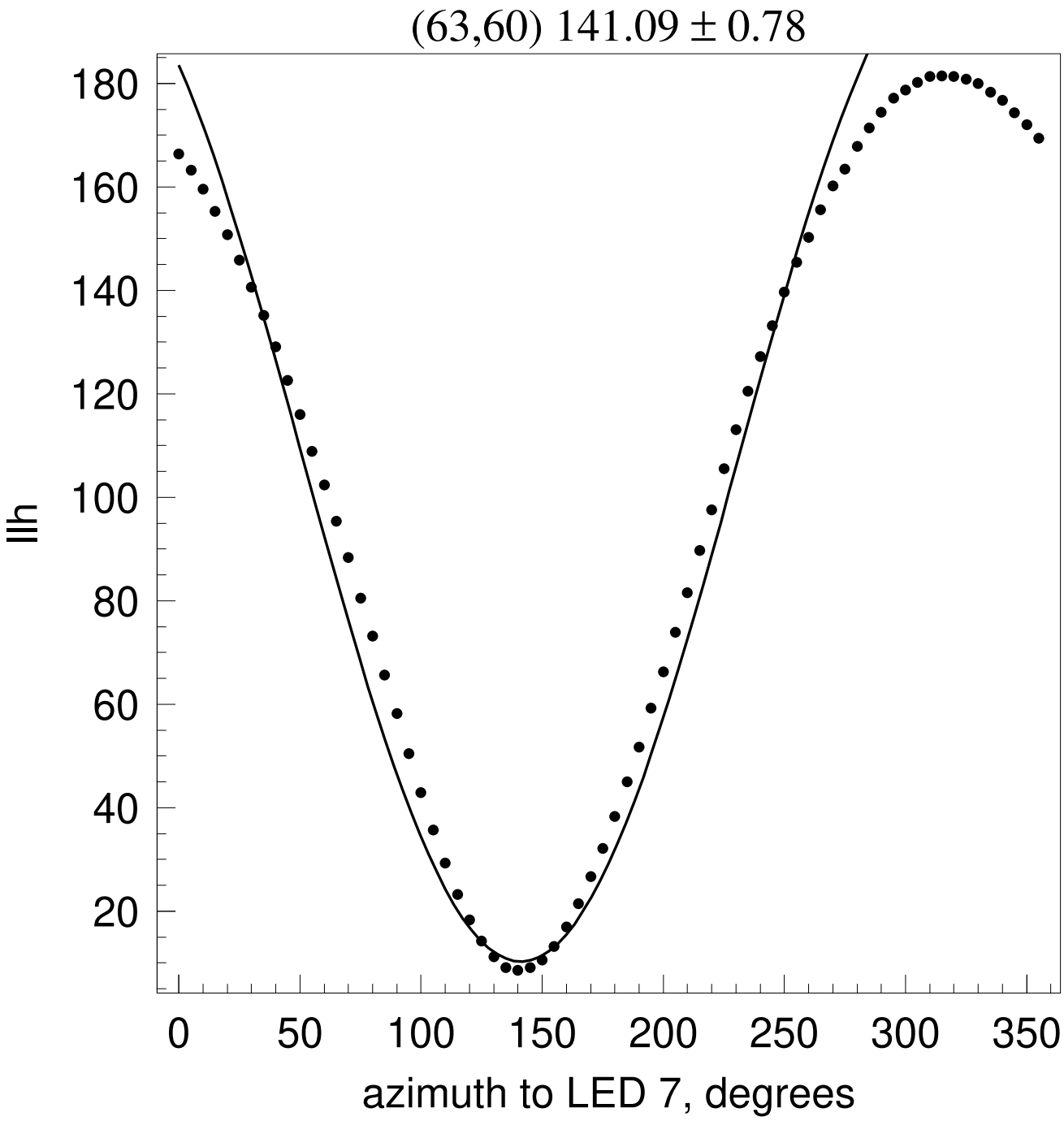

(63,55) 193.75 ± 0.35
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

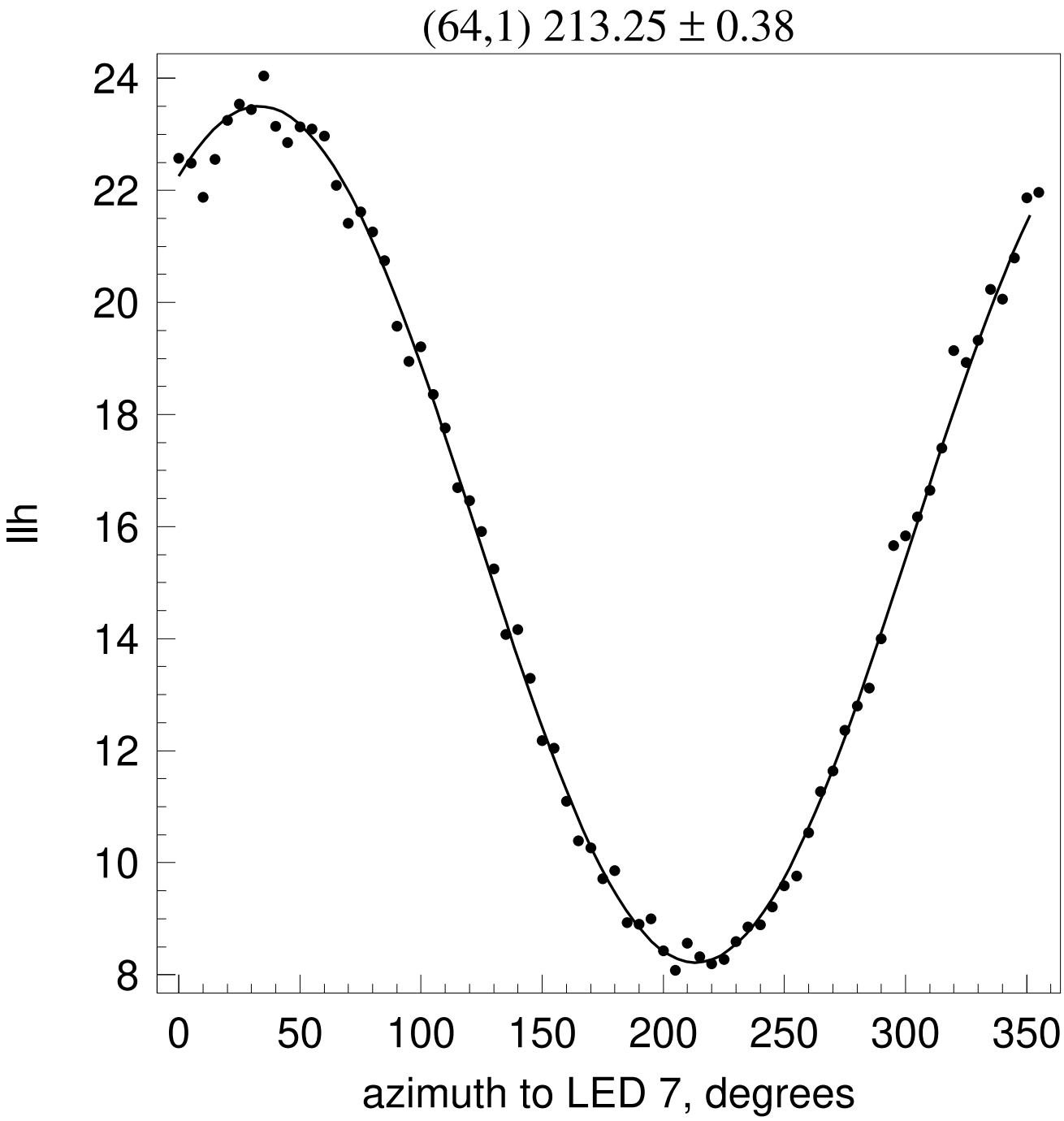

(63,56) 305.42 ± 0.52
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

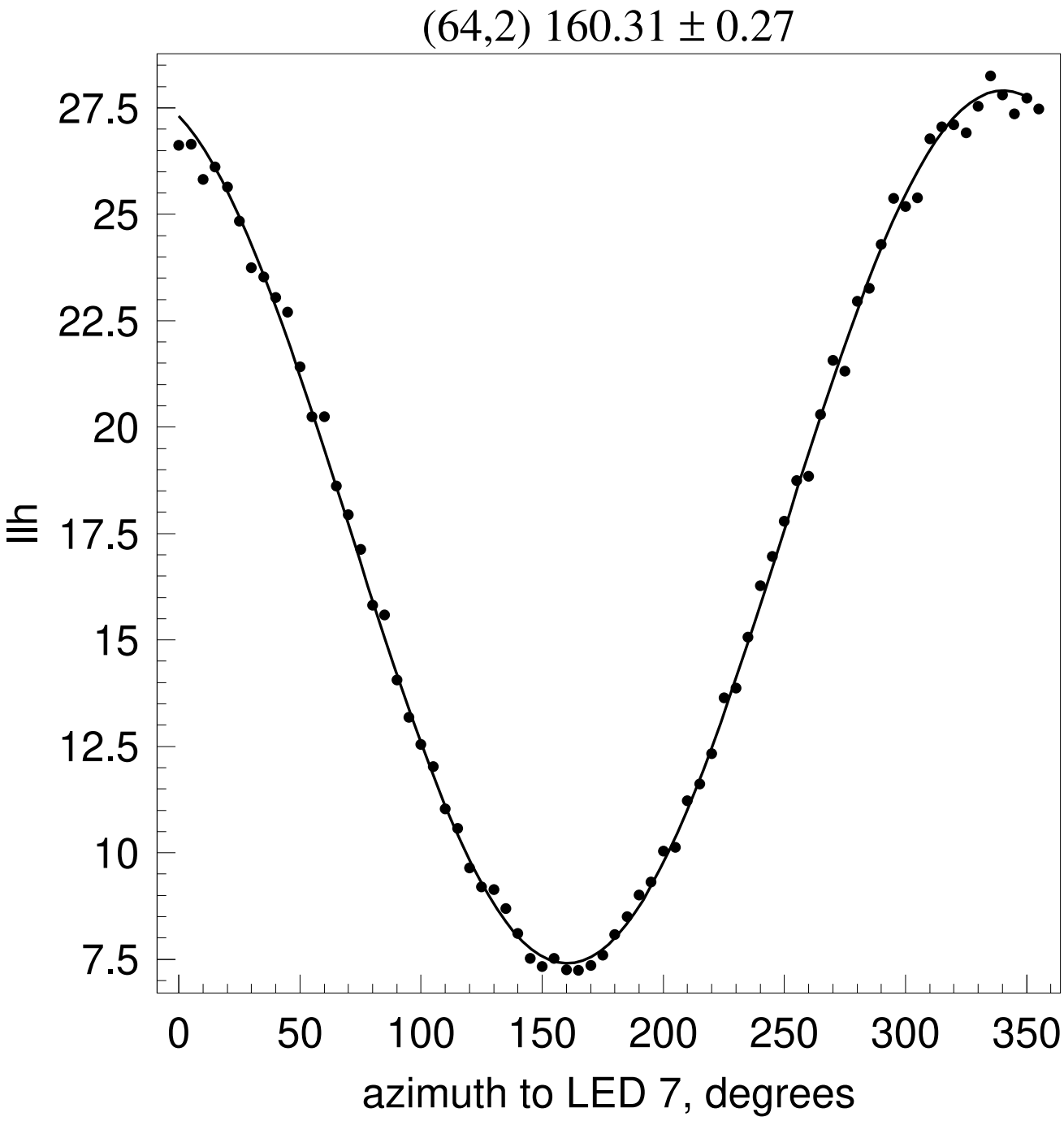

(63,57) 319.27 ± 0.61
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

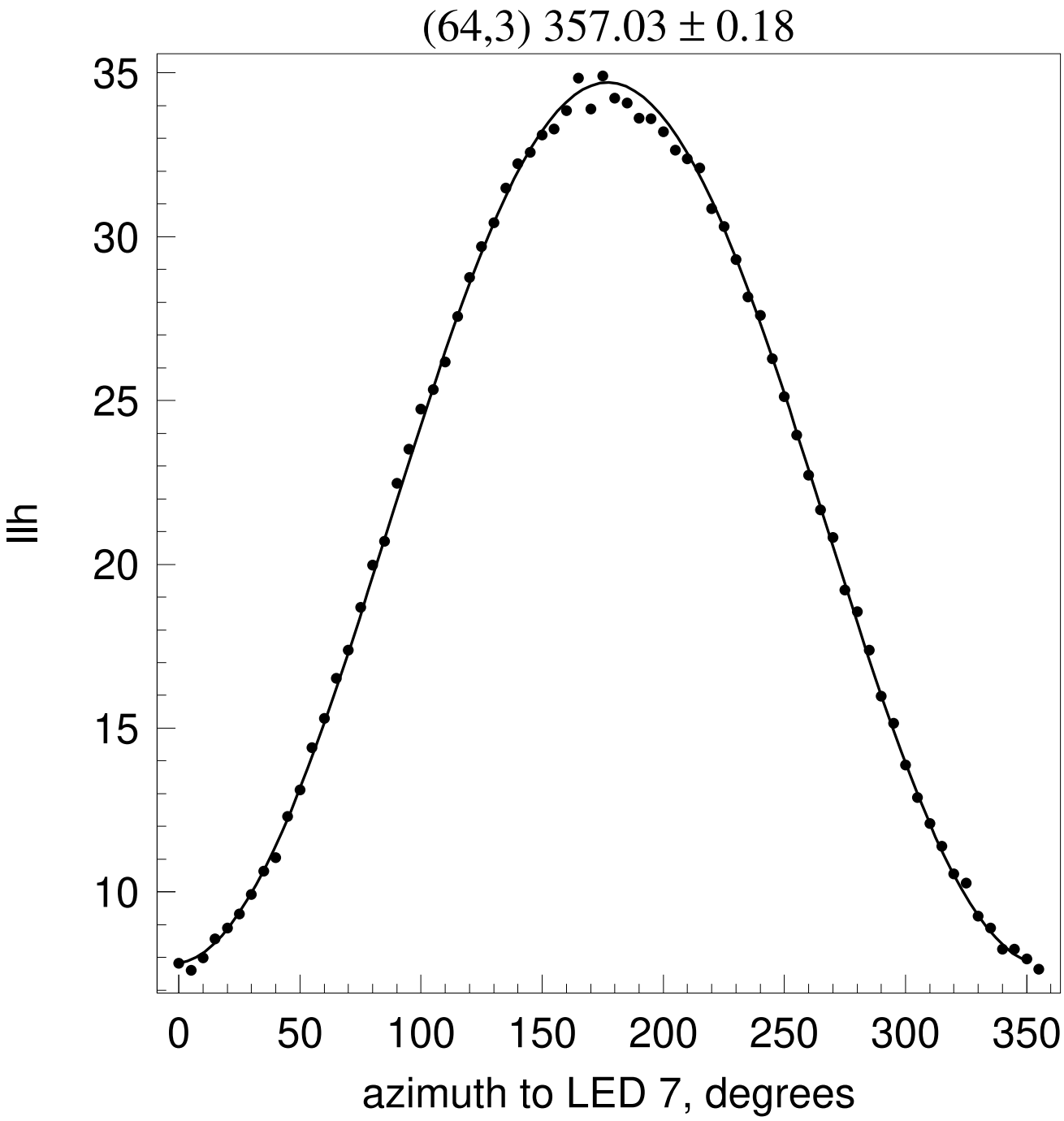

(63,58) 270.33 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

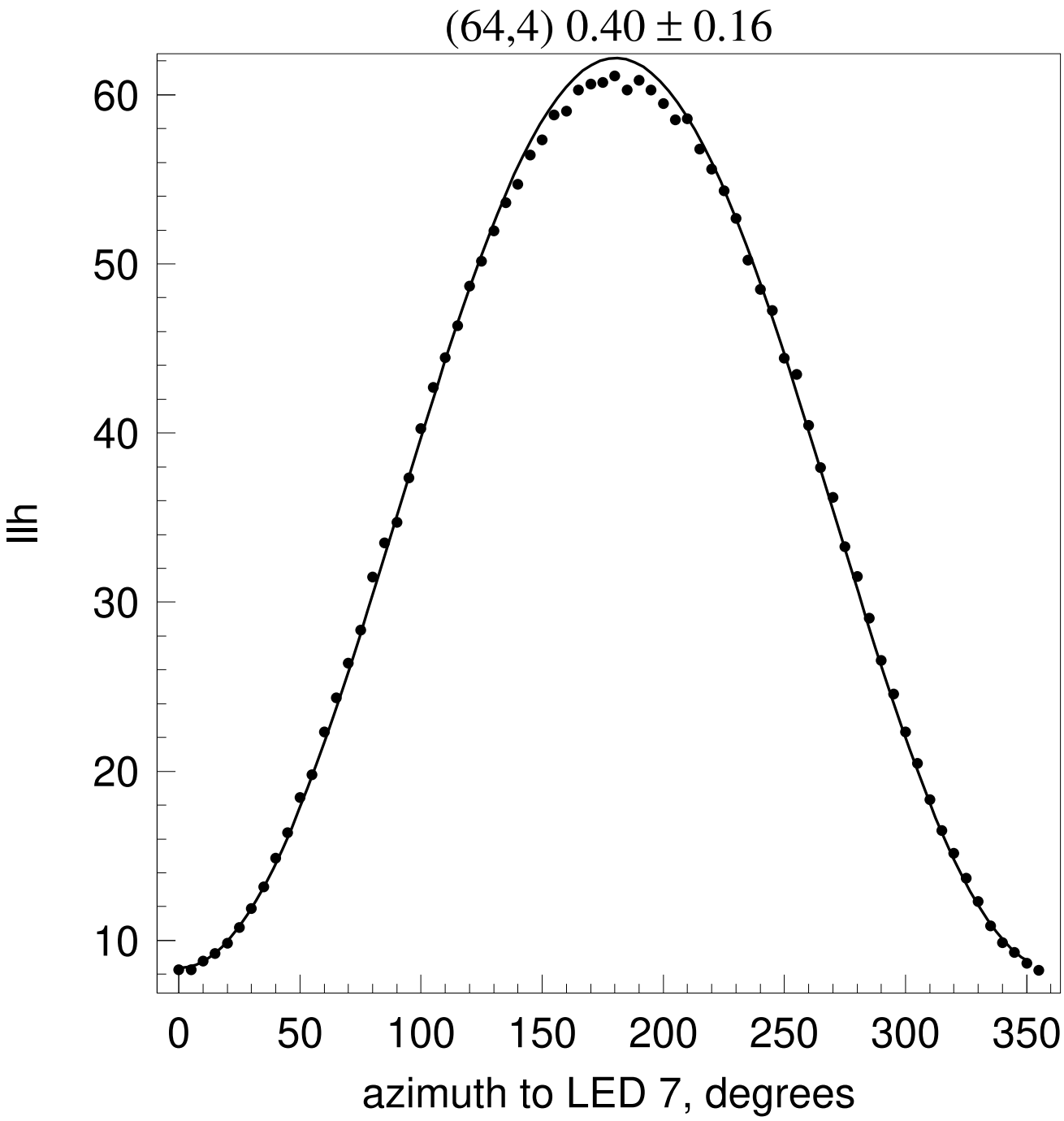

(63,59) 326.20 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

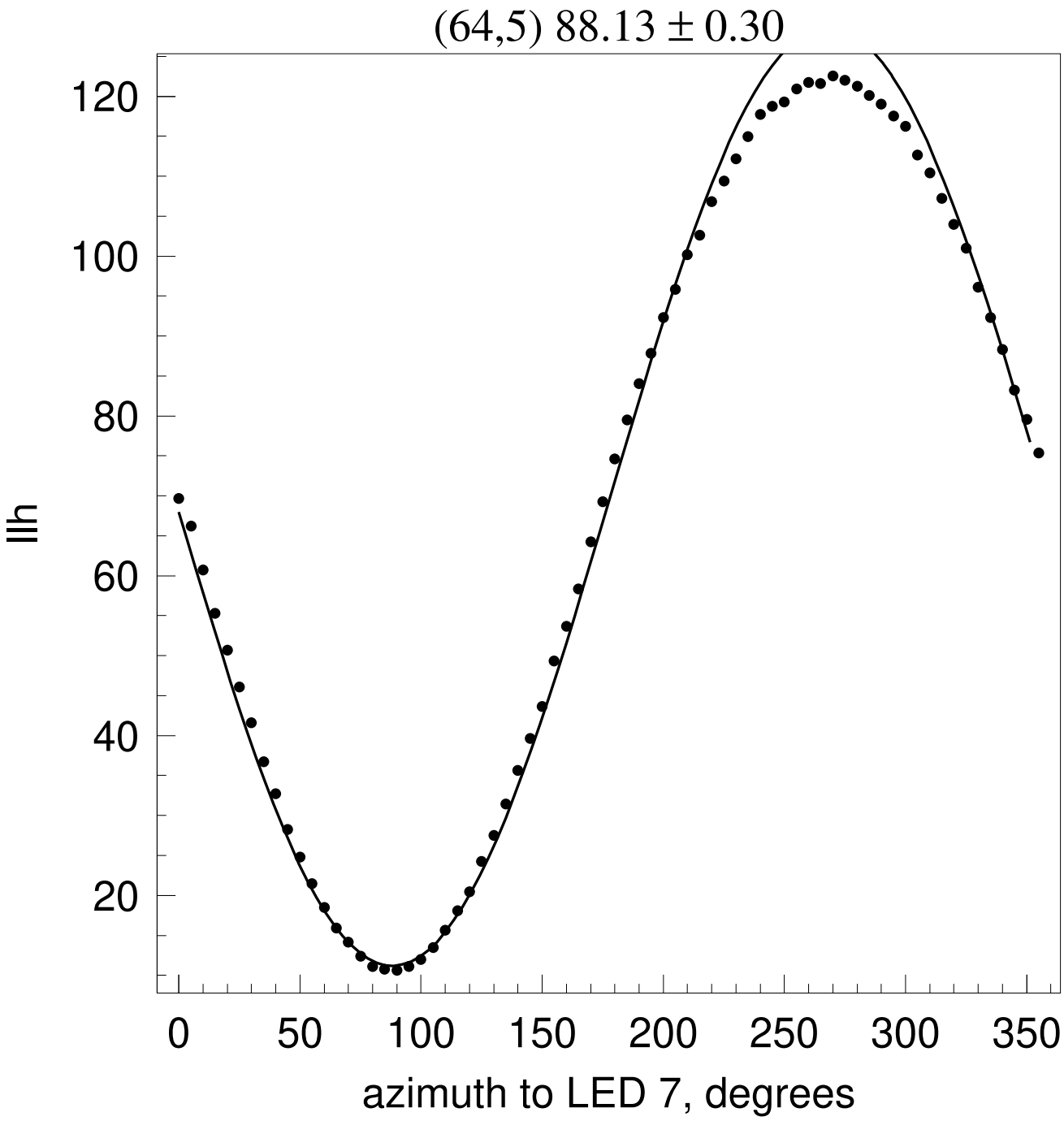

(63,60) 141.09 ± 0.78
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

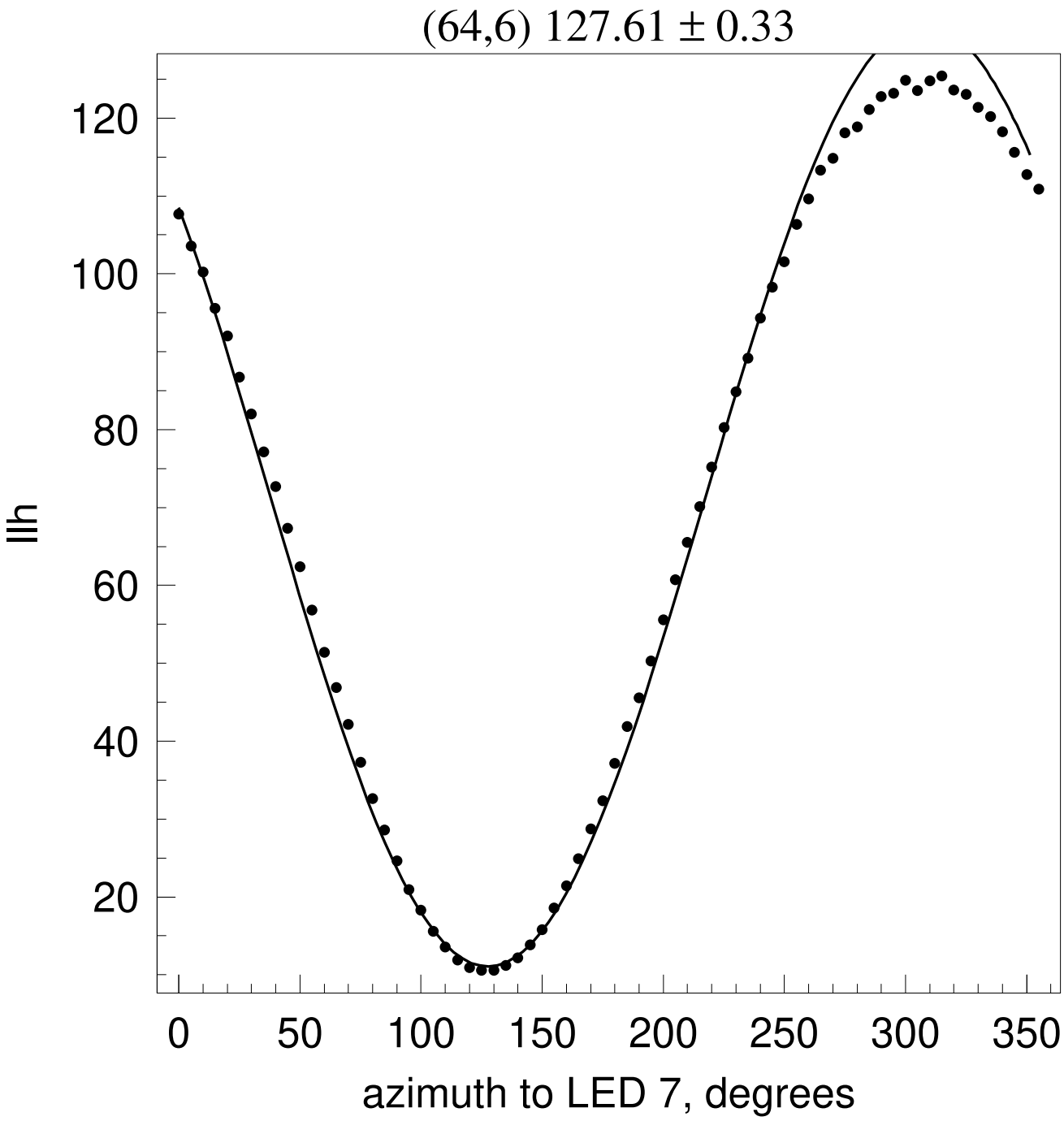

(64,1) 213.25 ± 0.38
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

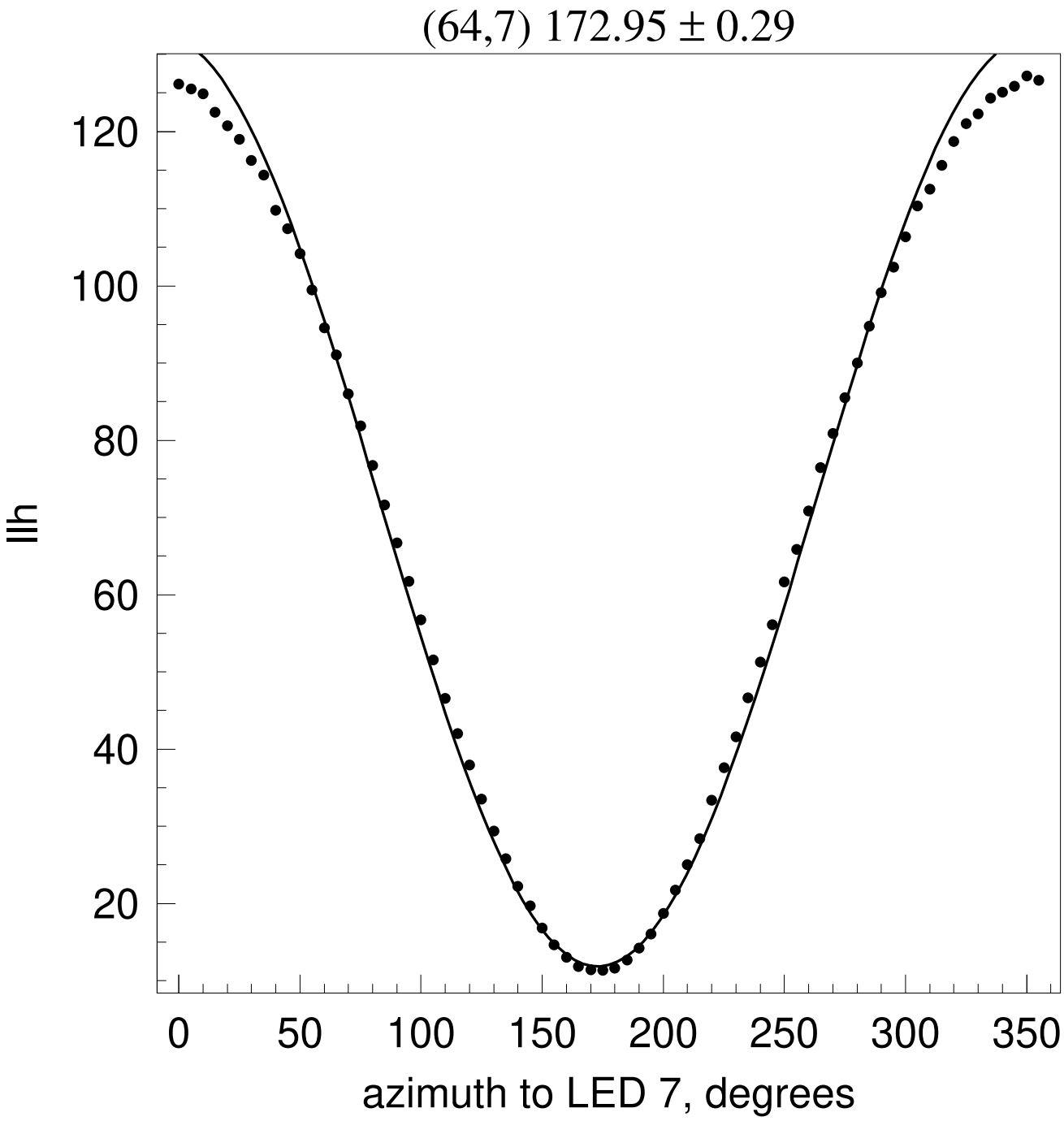

(64,2) 160.31 ± 0.27
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

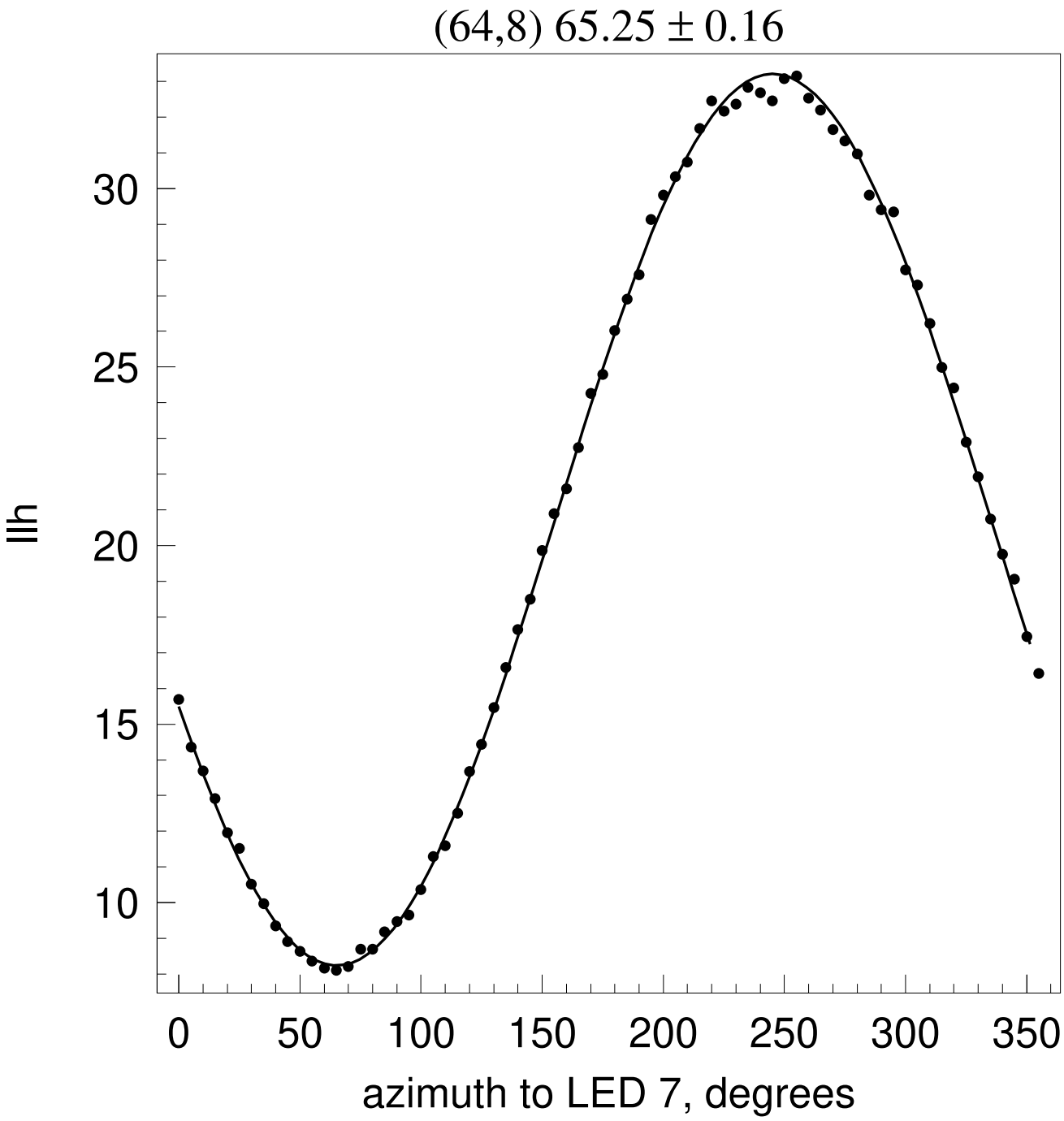

(64,3) 357.03 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

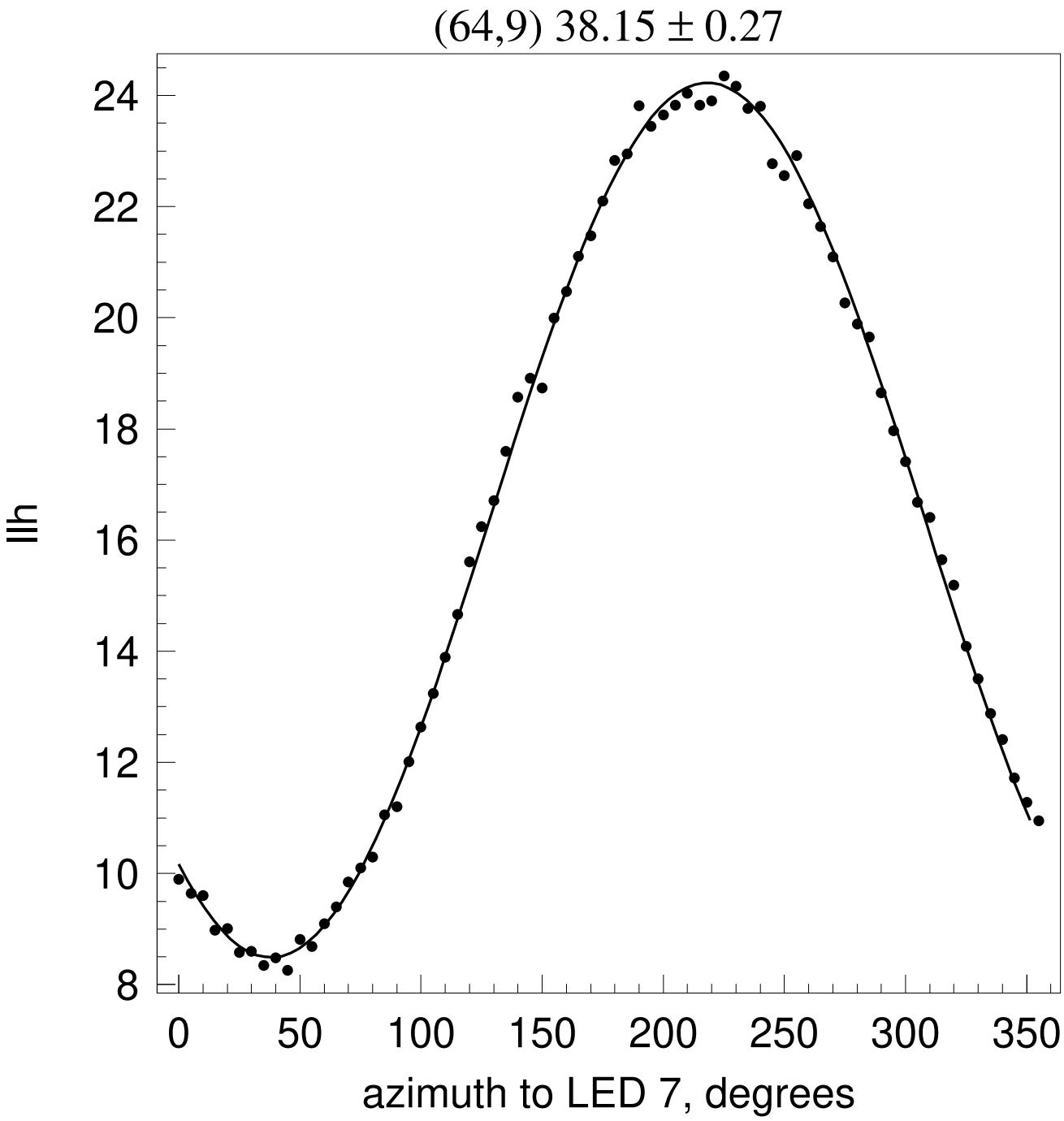

(64,4) 0.40 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

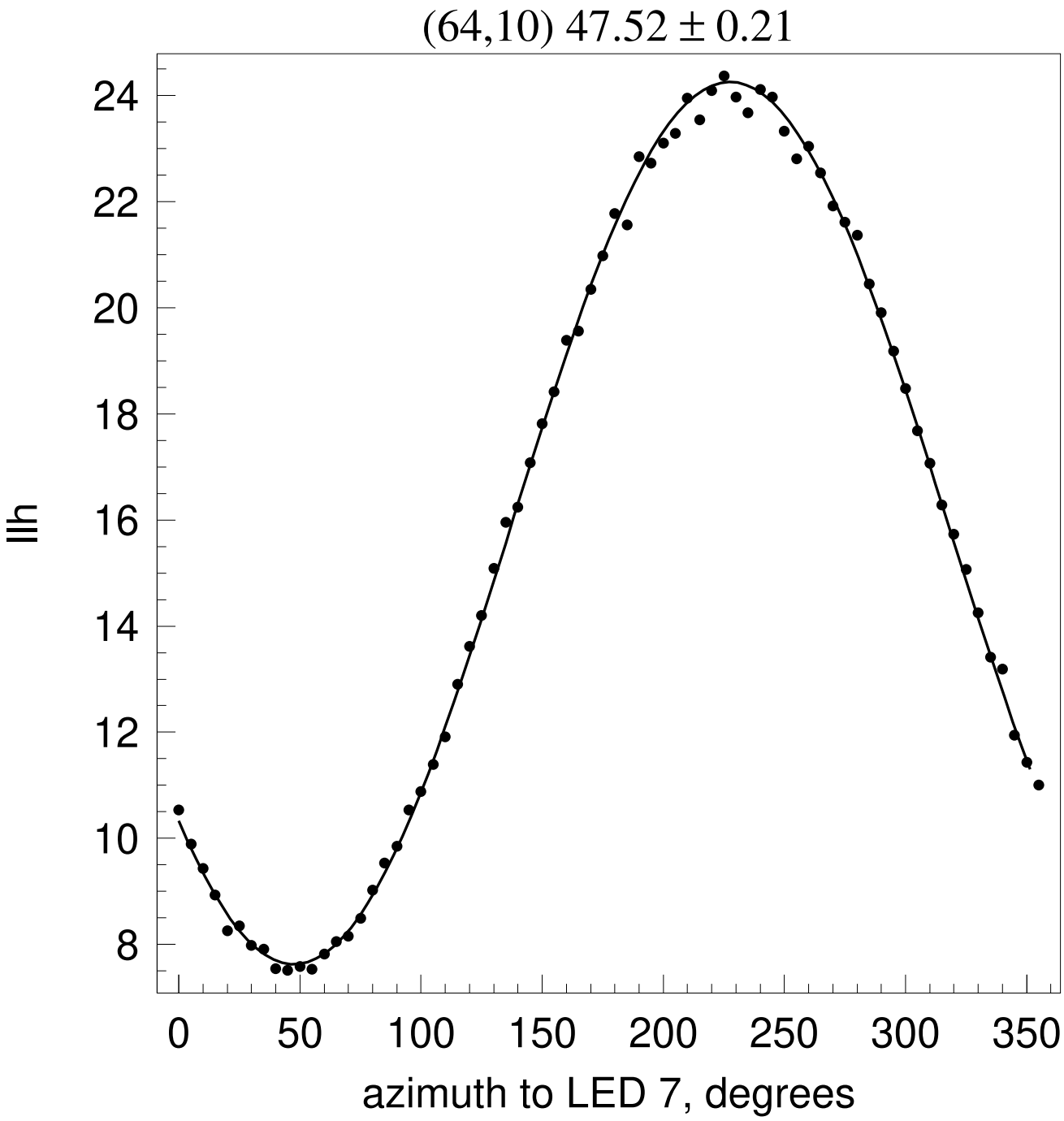

(64,5) 88.13 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

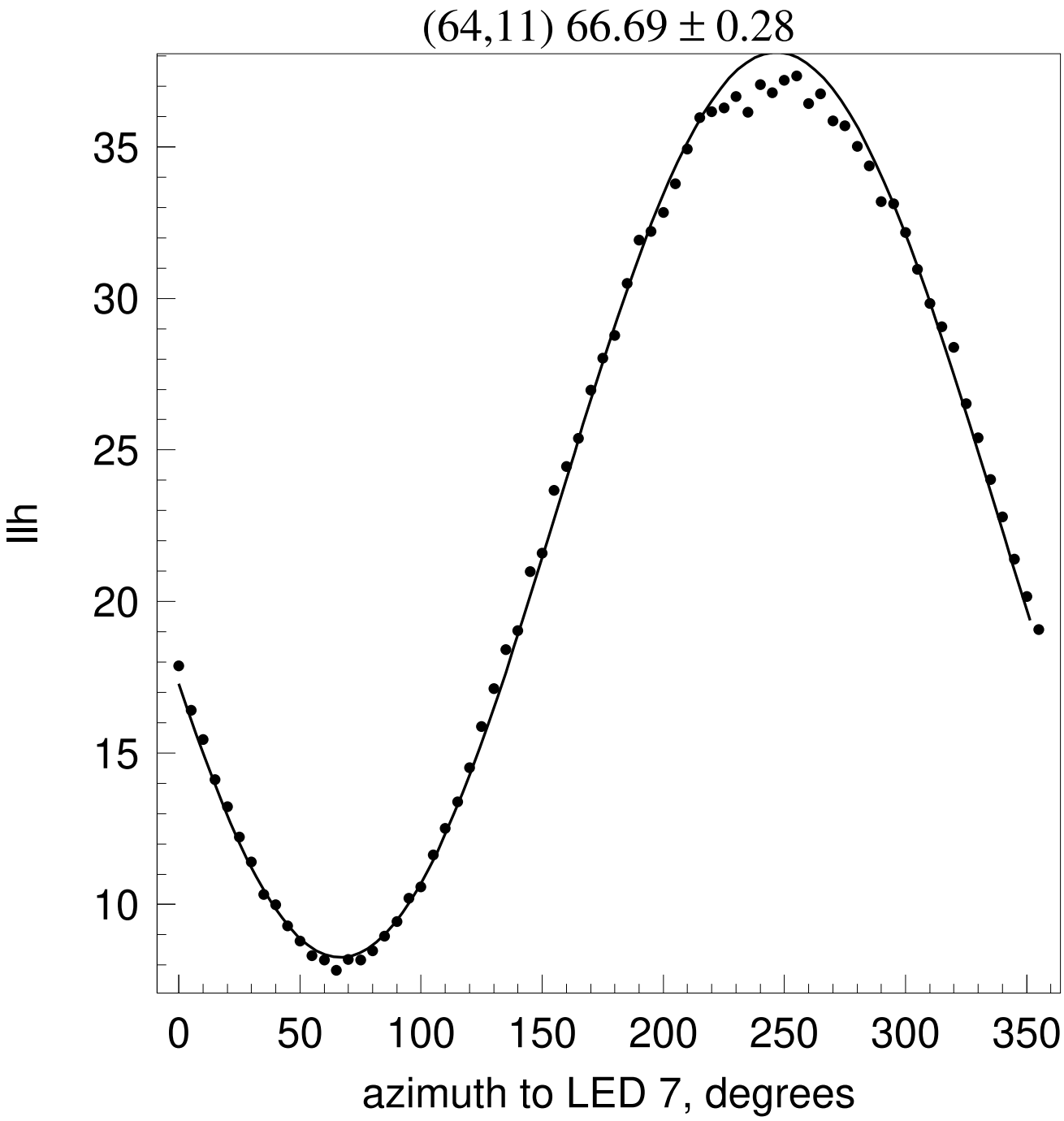

(64,6) 127.61 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

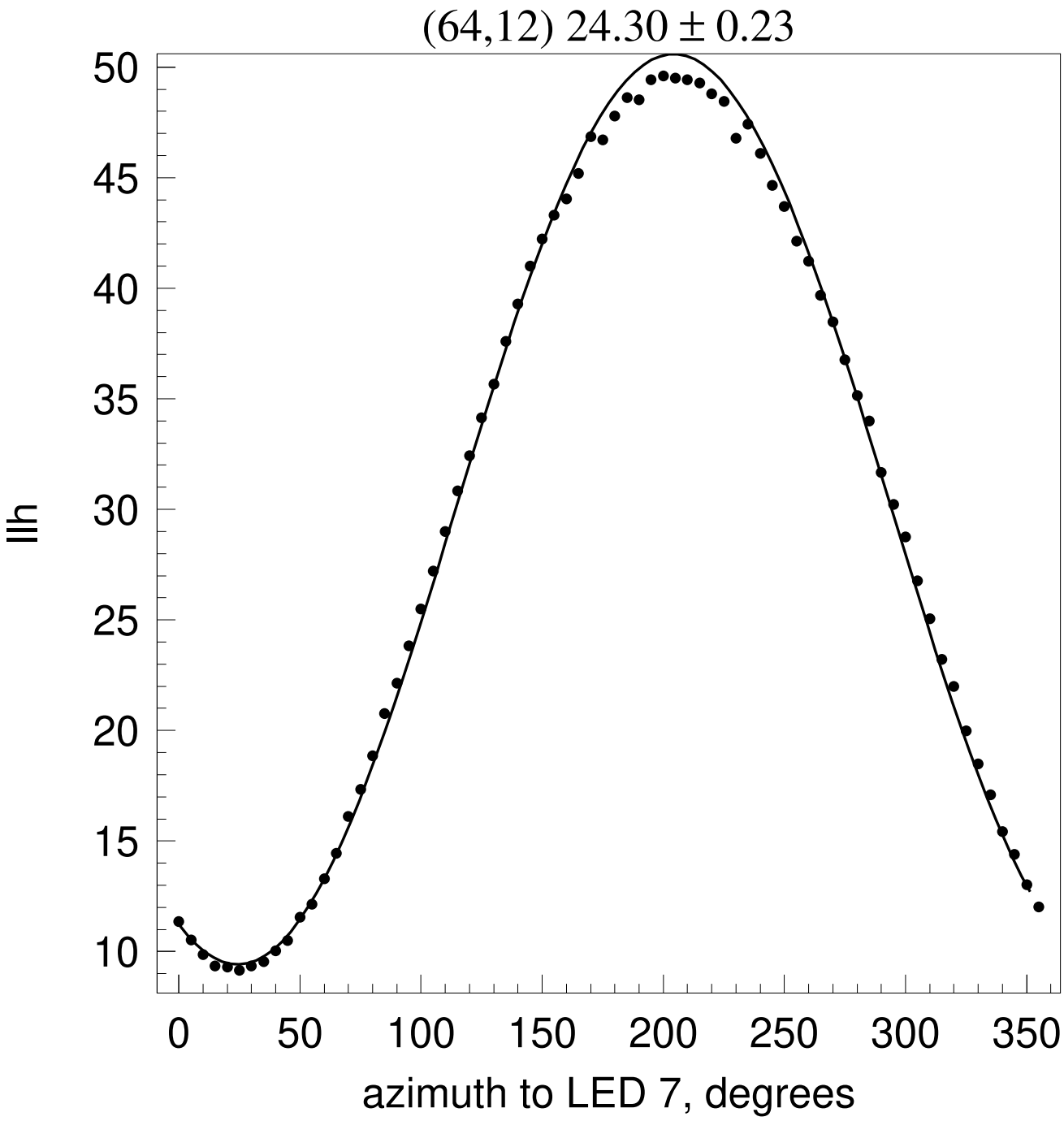

(64,7) 172.95 ± 0.29
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

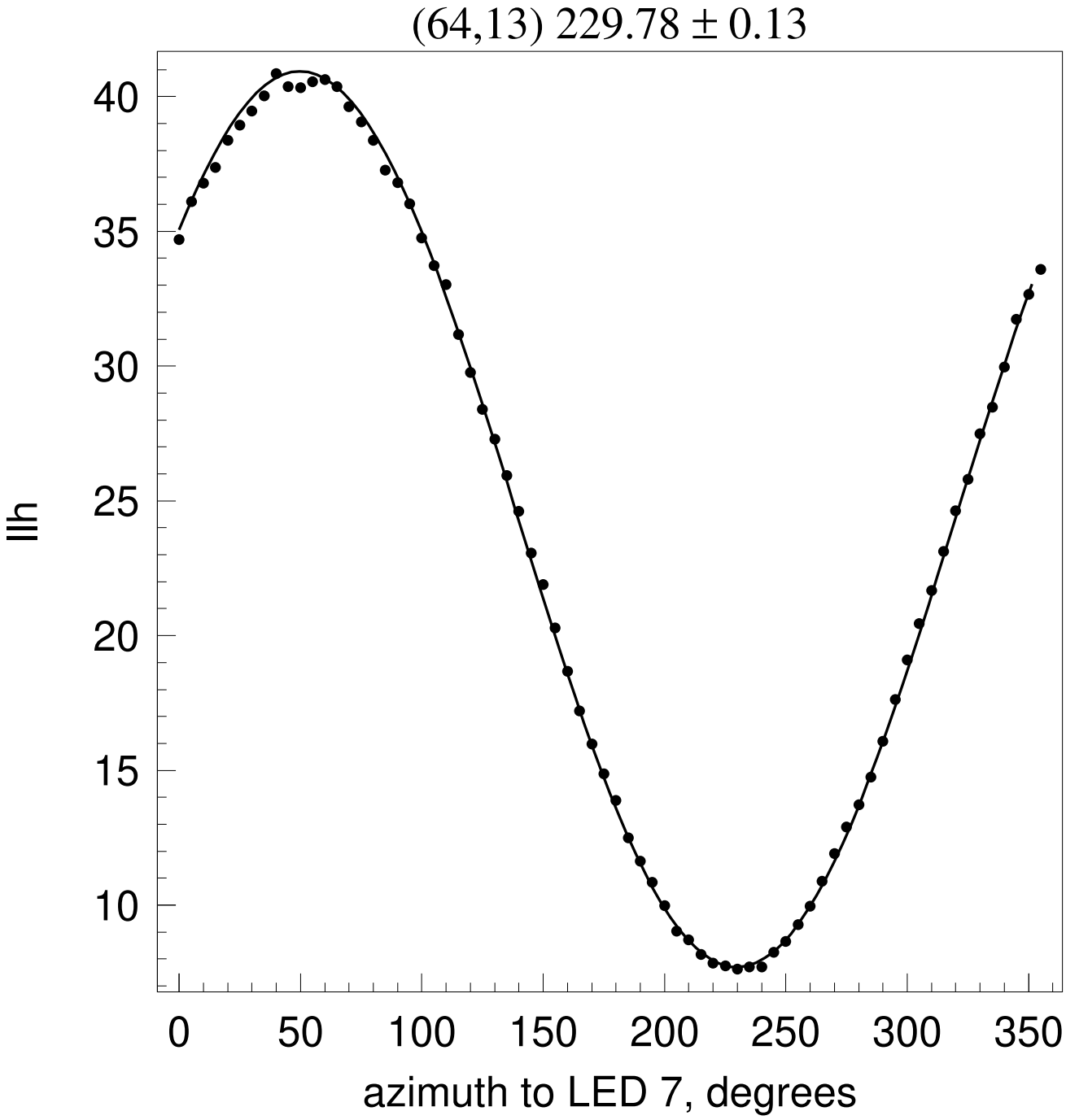

(64,8) 65.25 ± 0.16
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

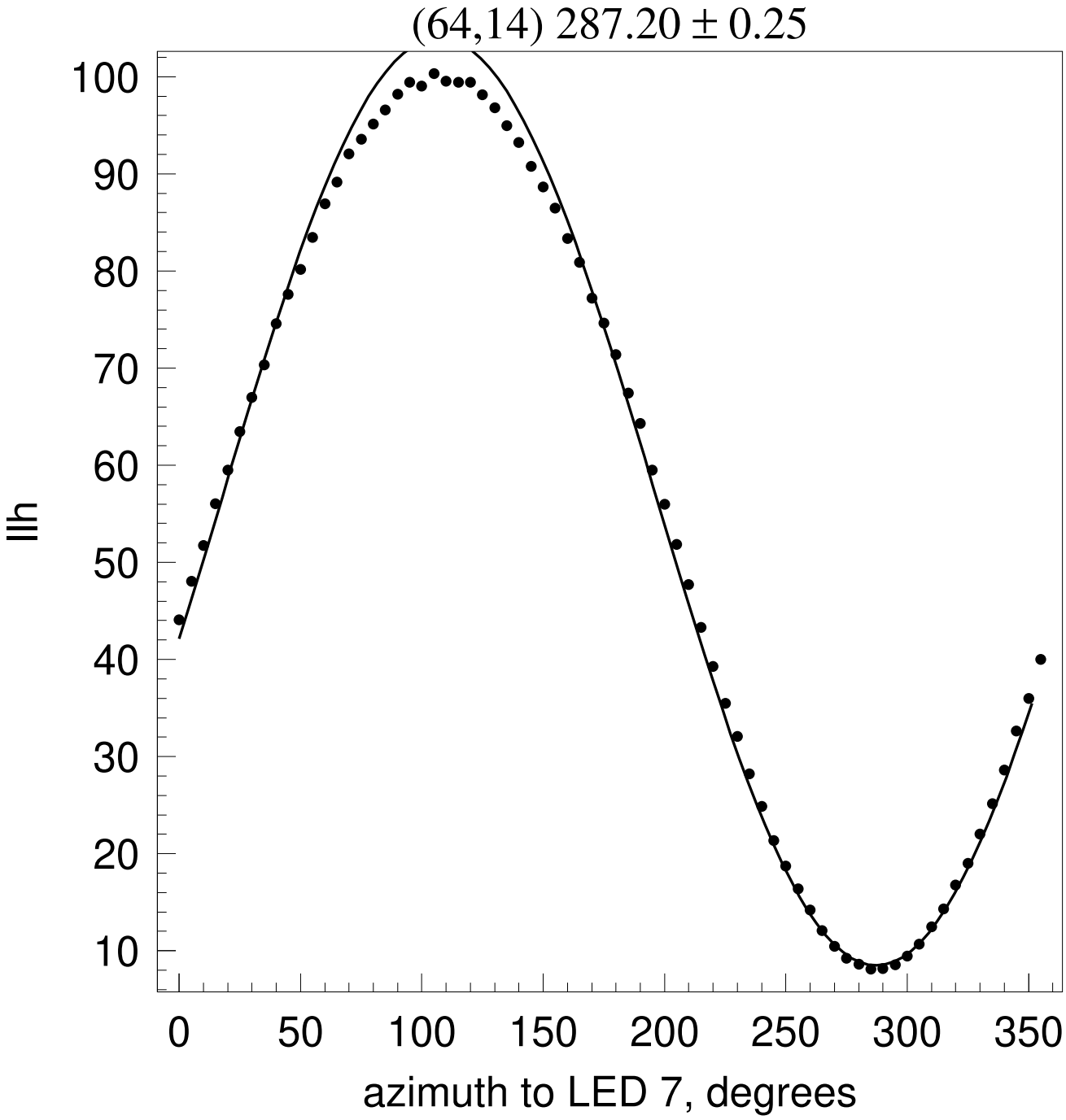

(64,9) 38.15 ± 0.27
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

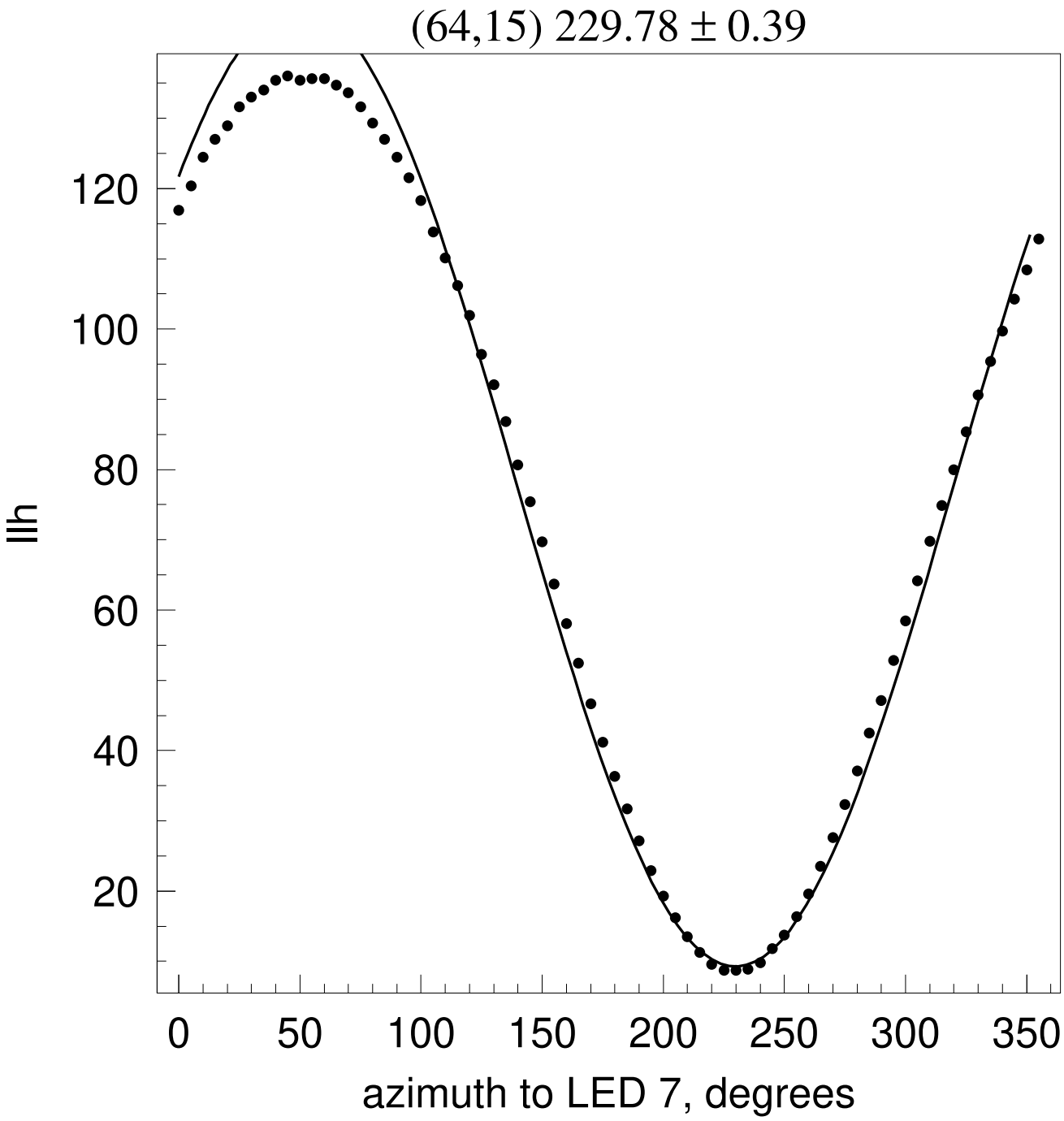

(64,10) 47.52 ± 0.21
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

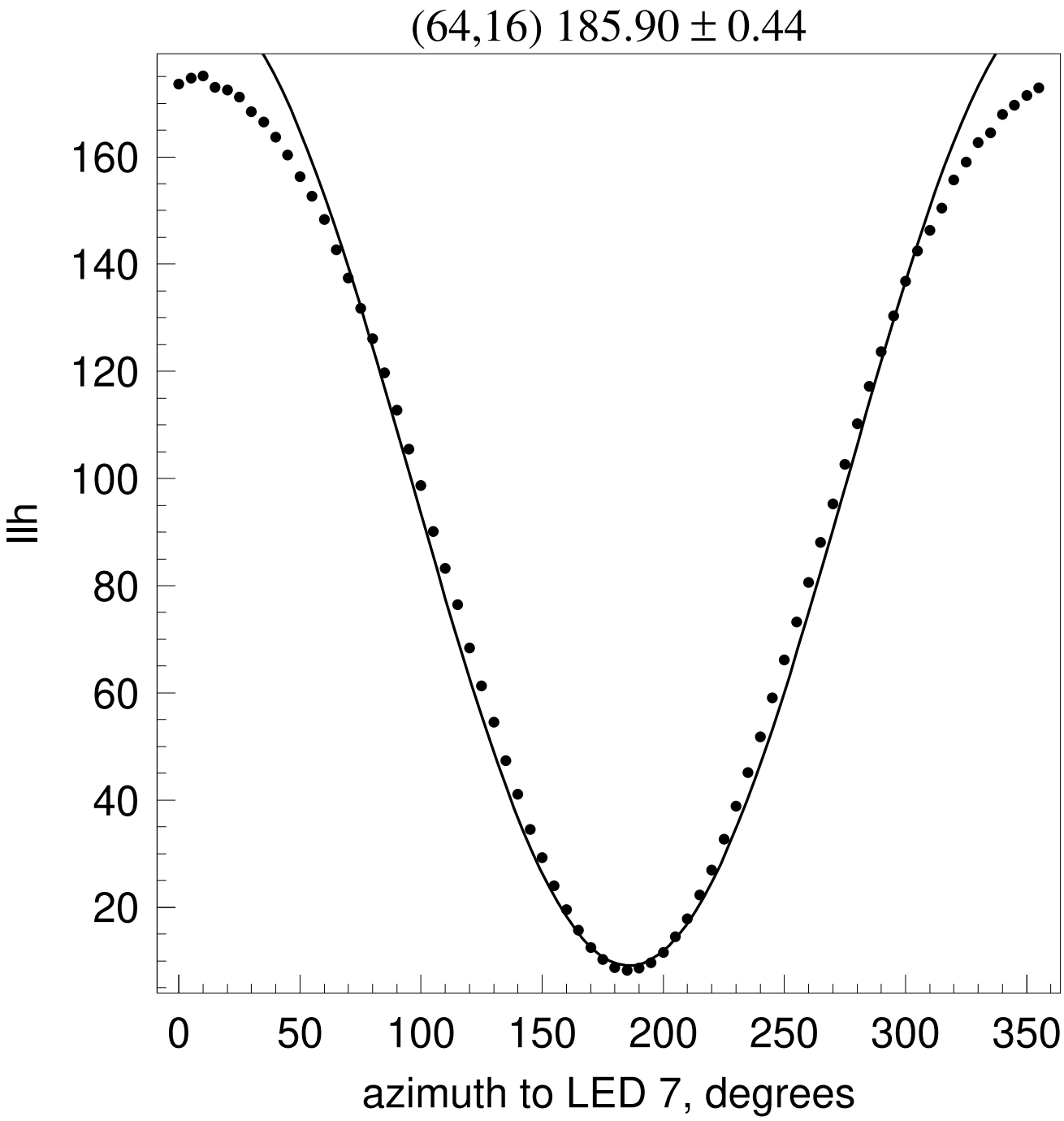

(64,11) 66.69 ± 0.28
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

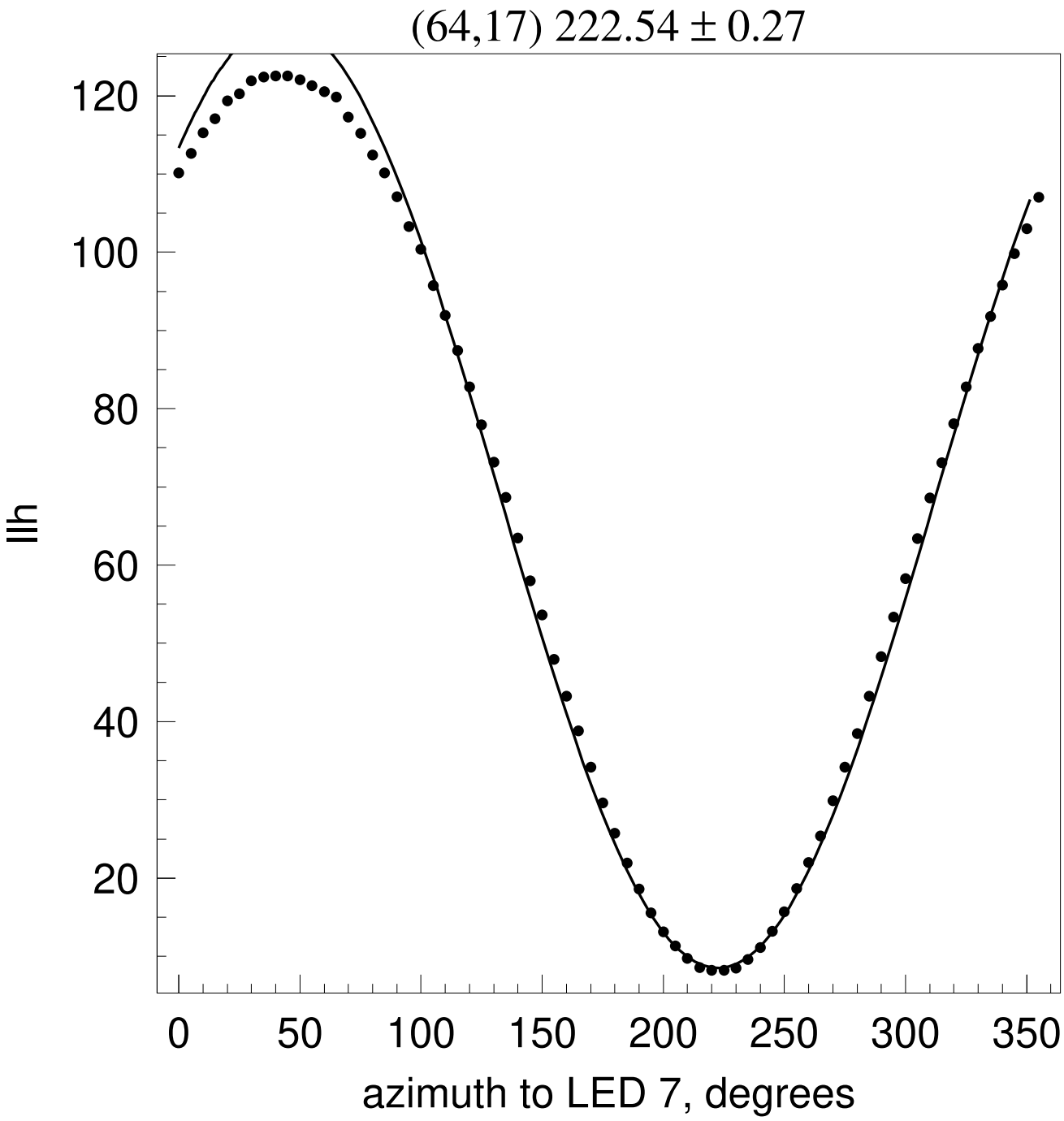

(64,12) 24.30 ± 0.23
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

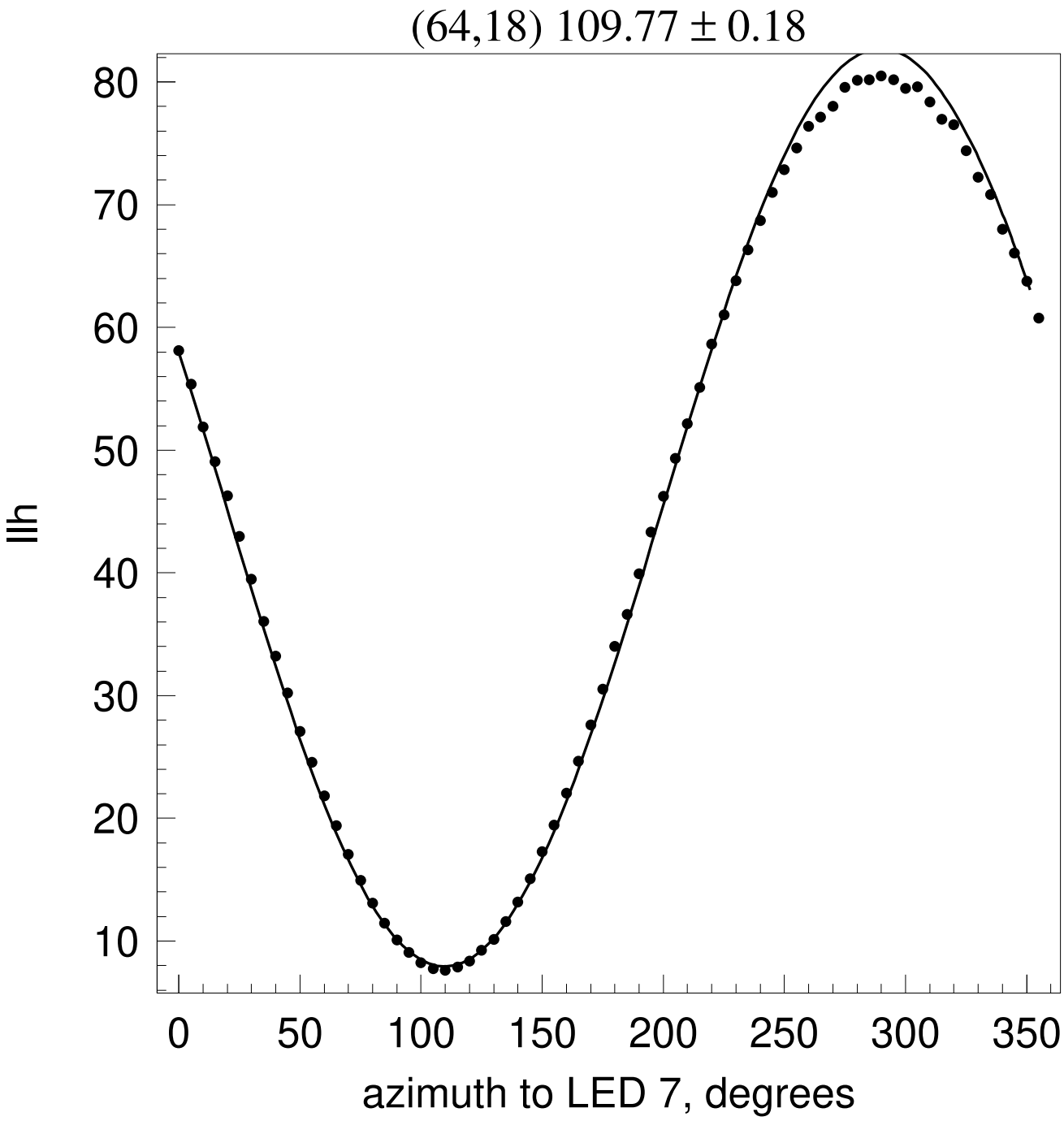

(64,13) 229.78 ± 0.13
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

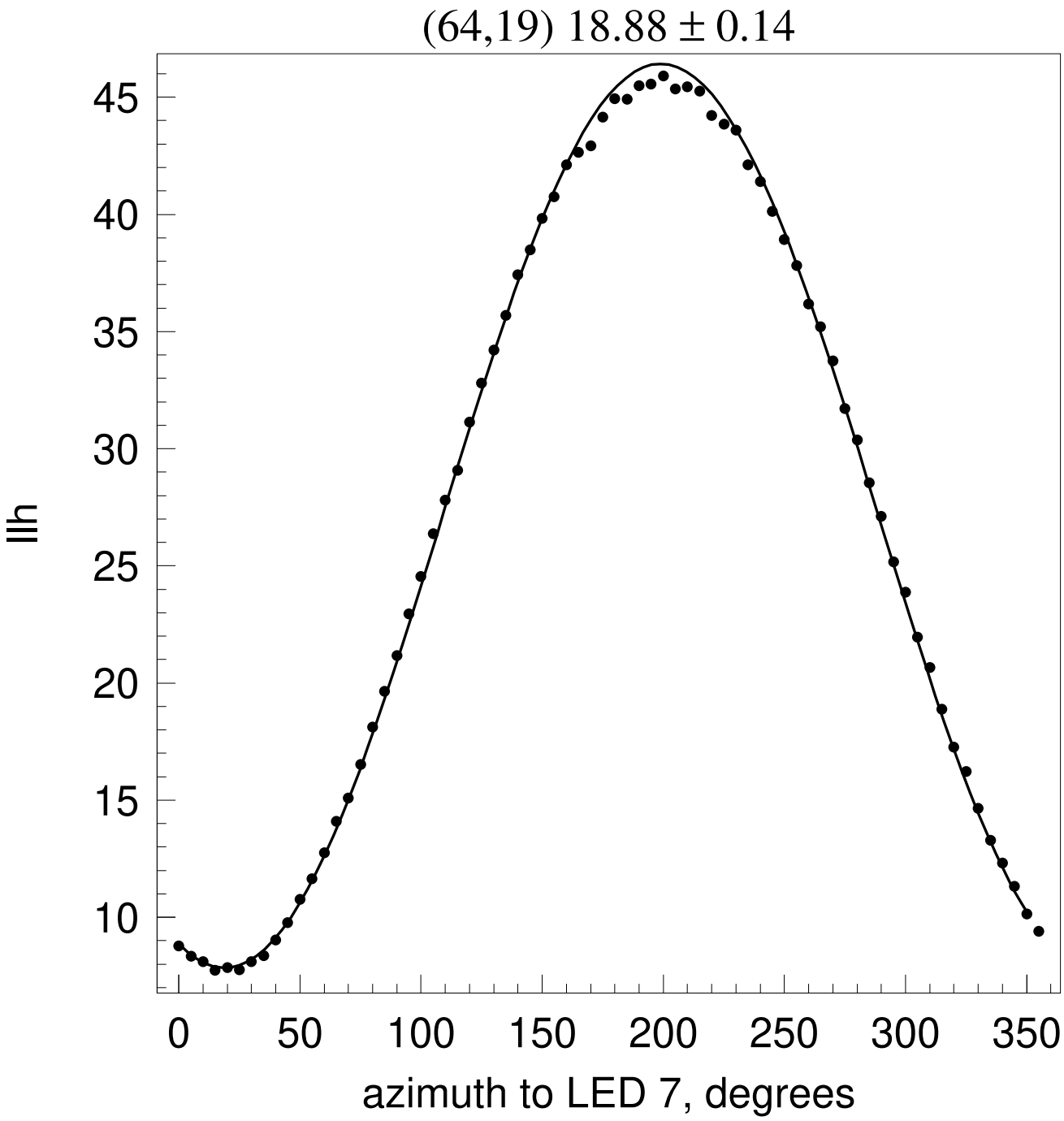

(64,14) 287.20 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

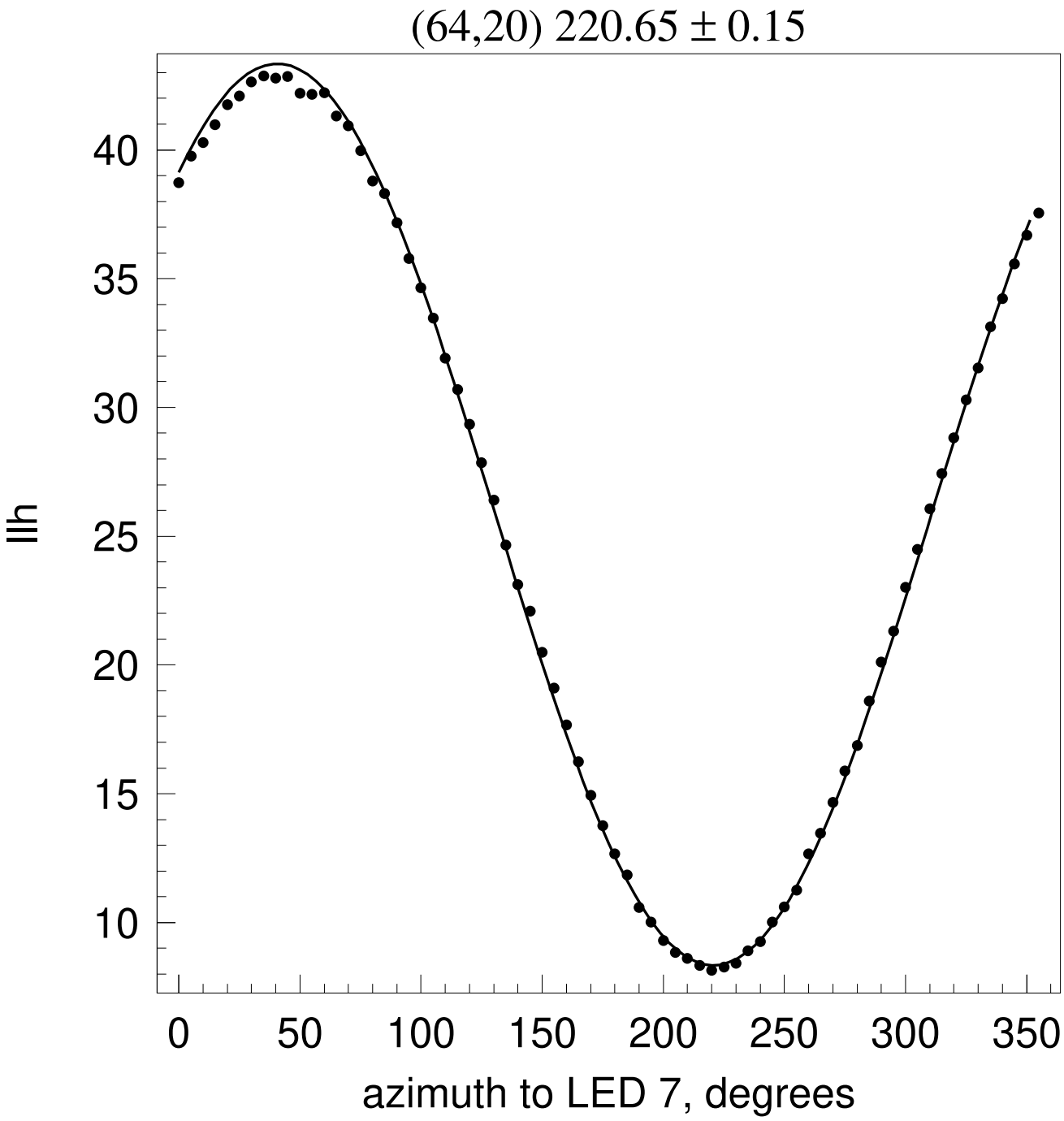

(64,15) 229.78 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

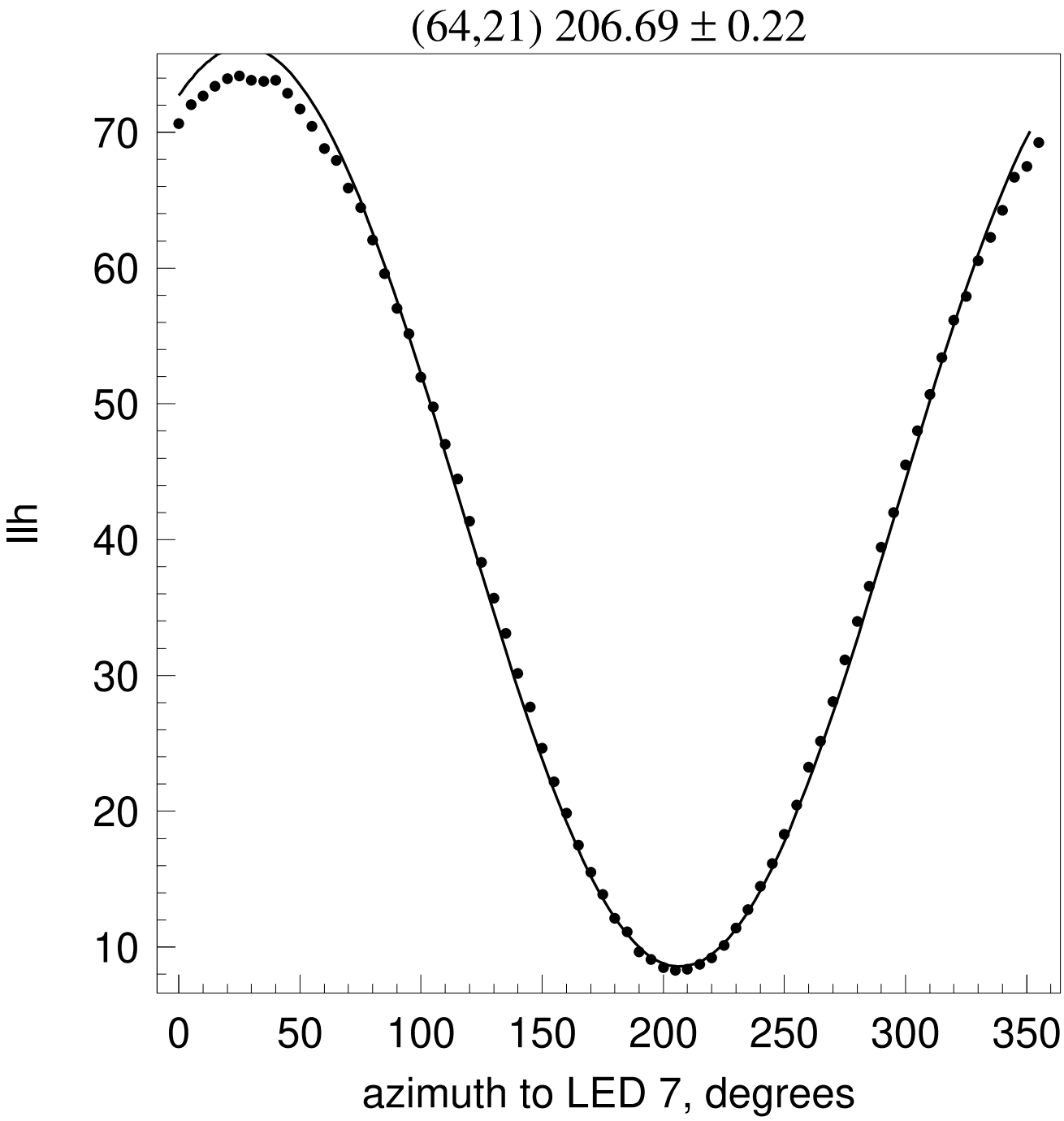

(64,16) 185.90 ± 0.44
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

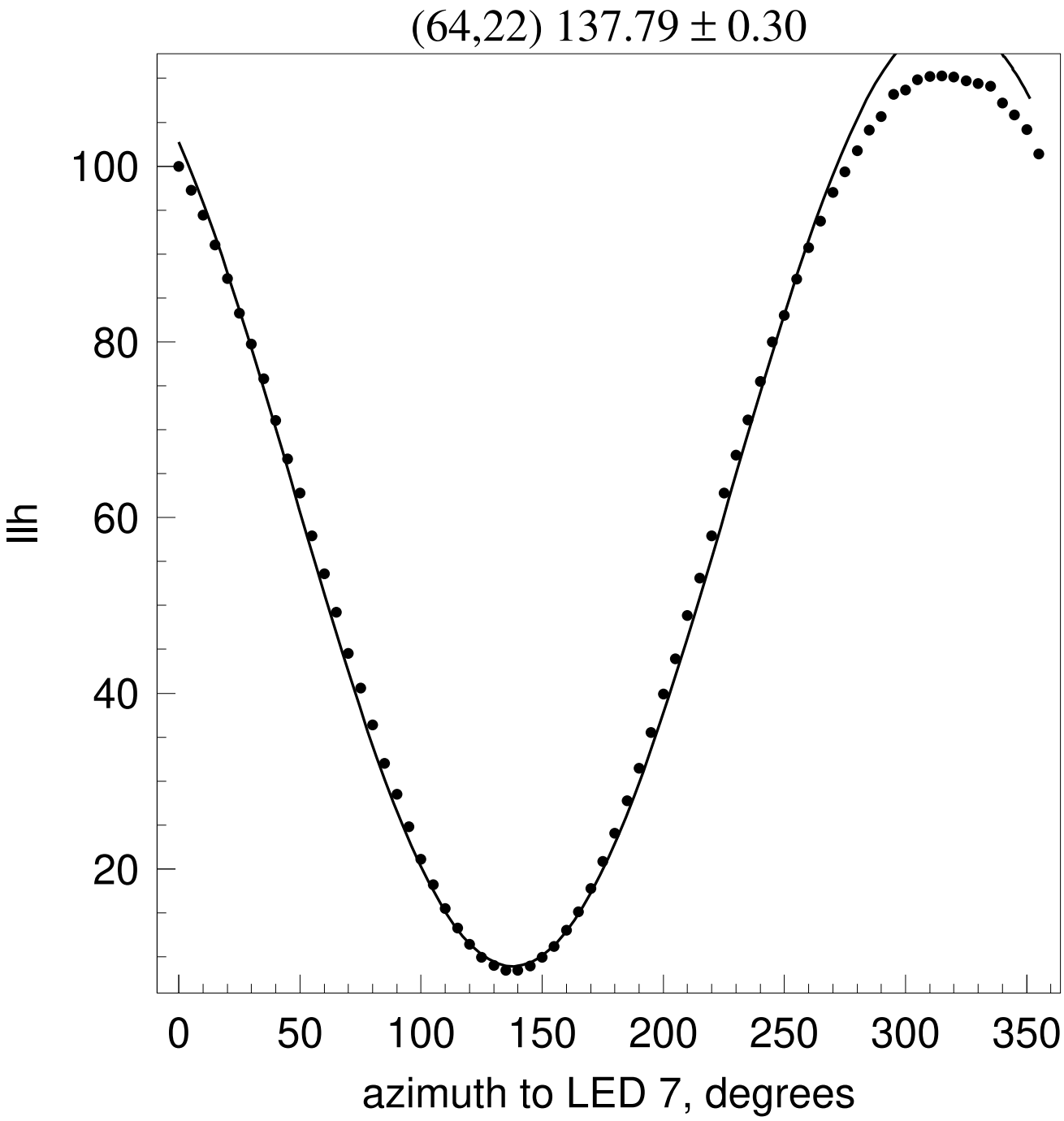

(64,17) 222.54 ± 0.27
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

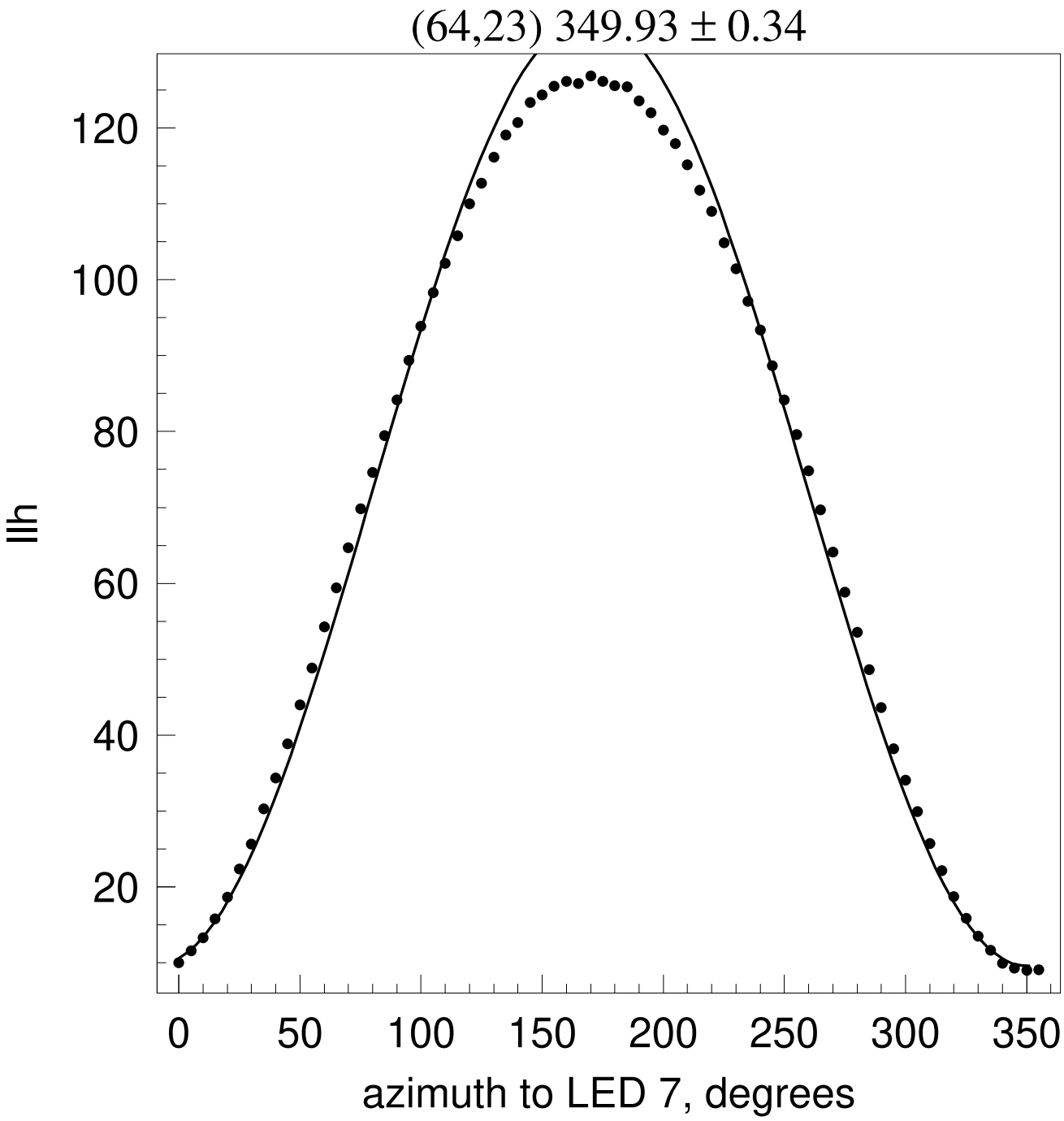

(64,18) 109.77 ± 0.18
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

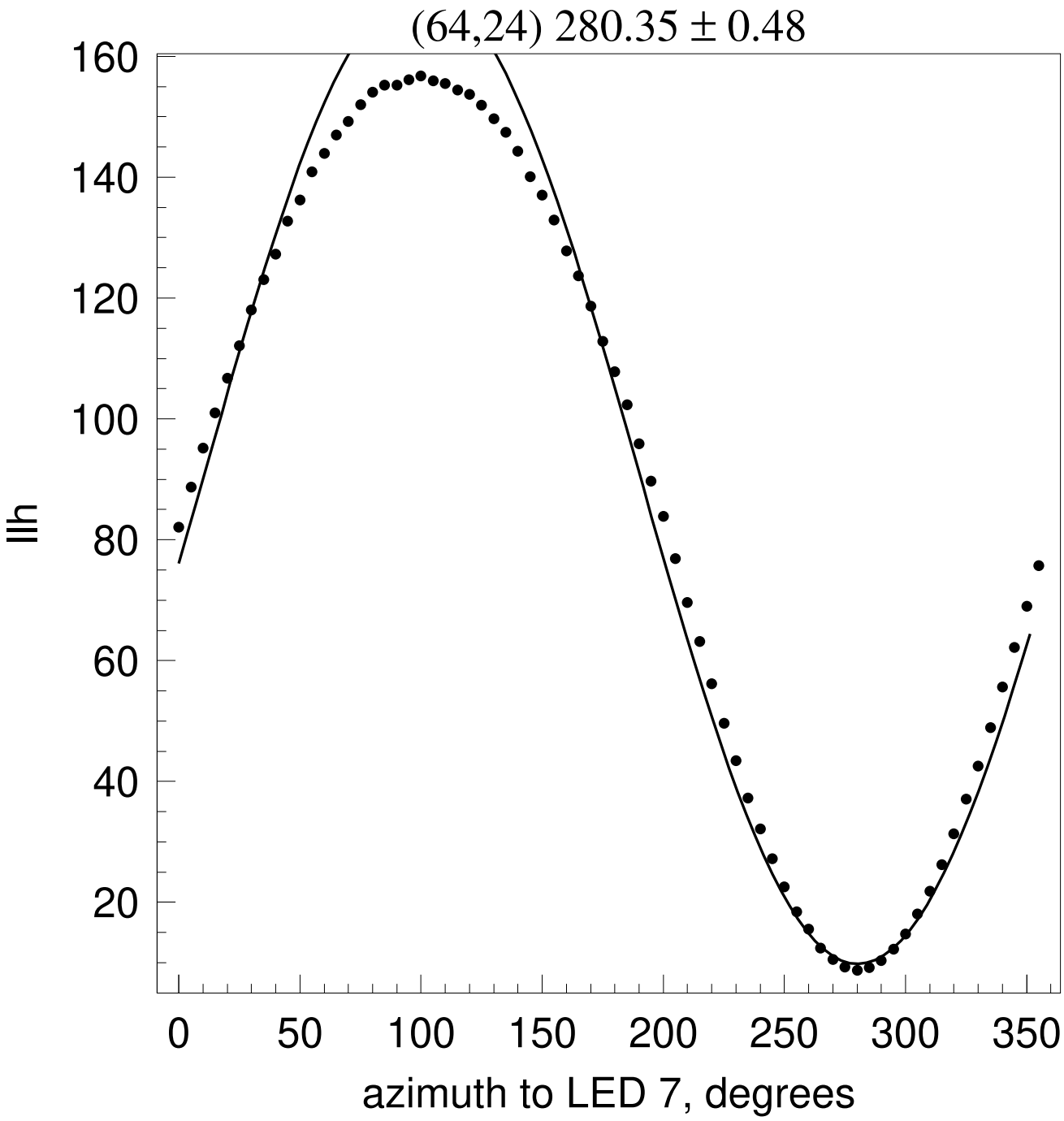

(64,19) 18.88 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

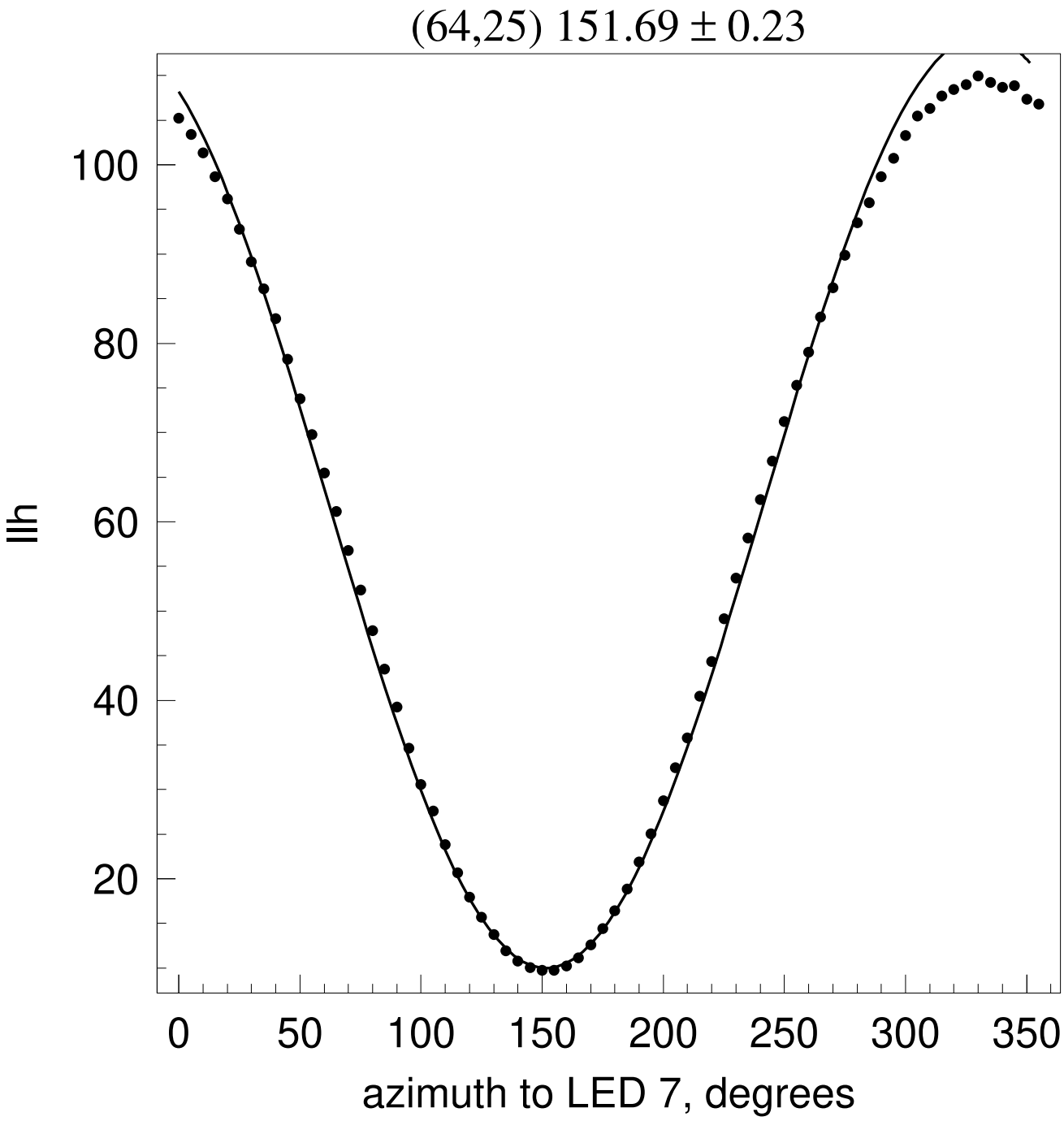

(64,20) 220.65 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

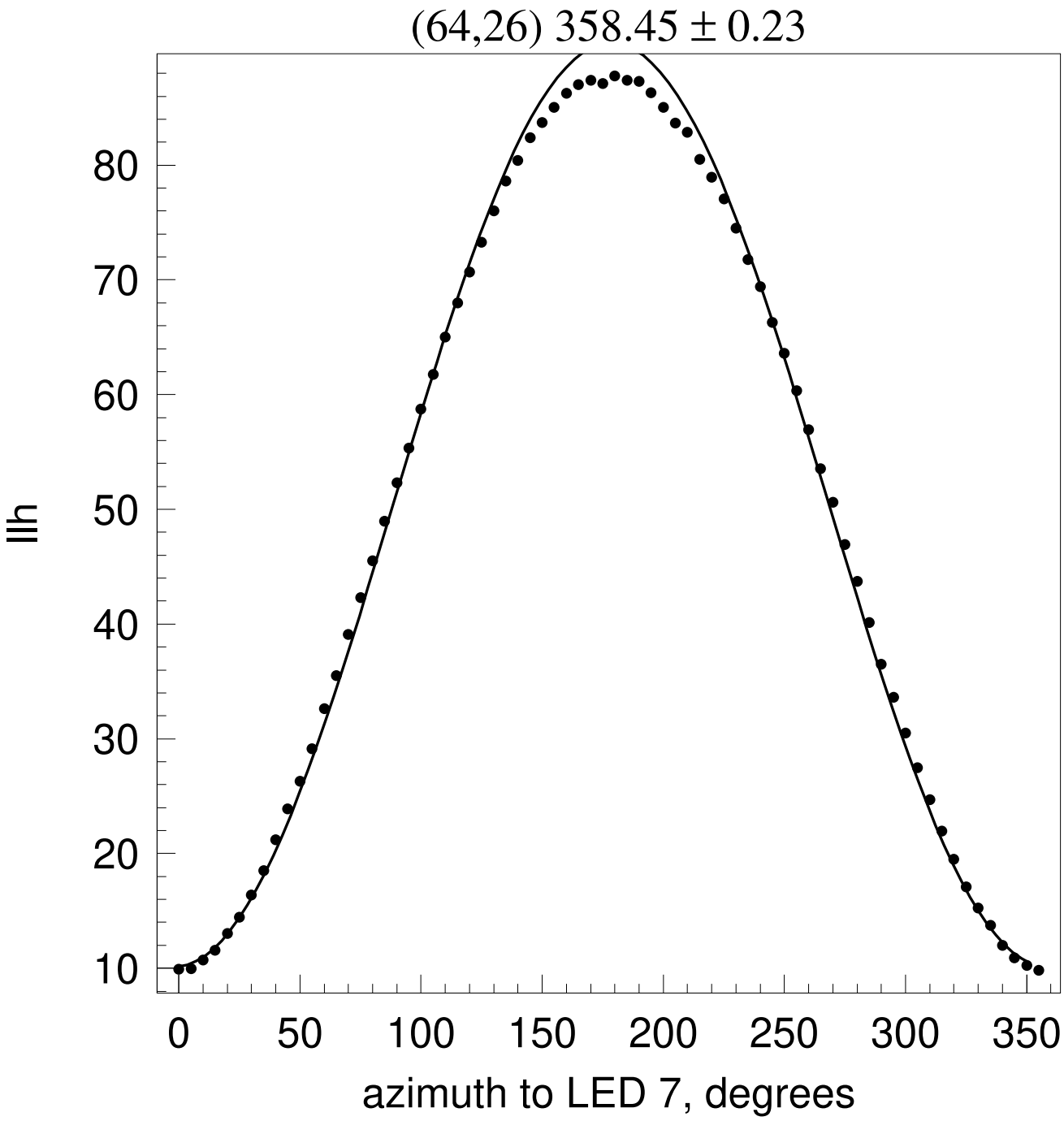

(64,21) 206.69 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

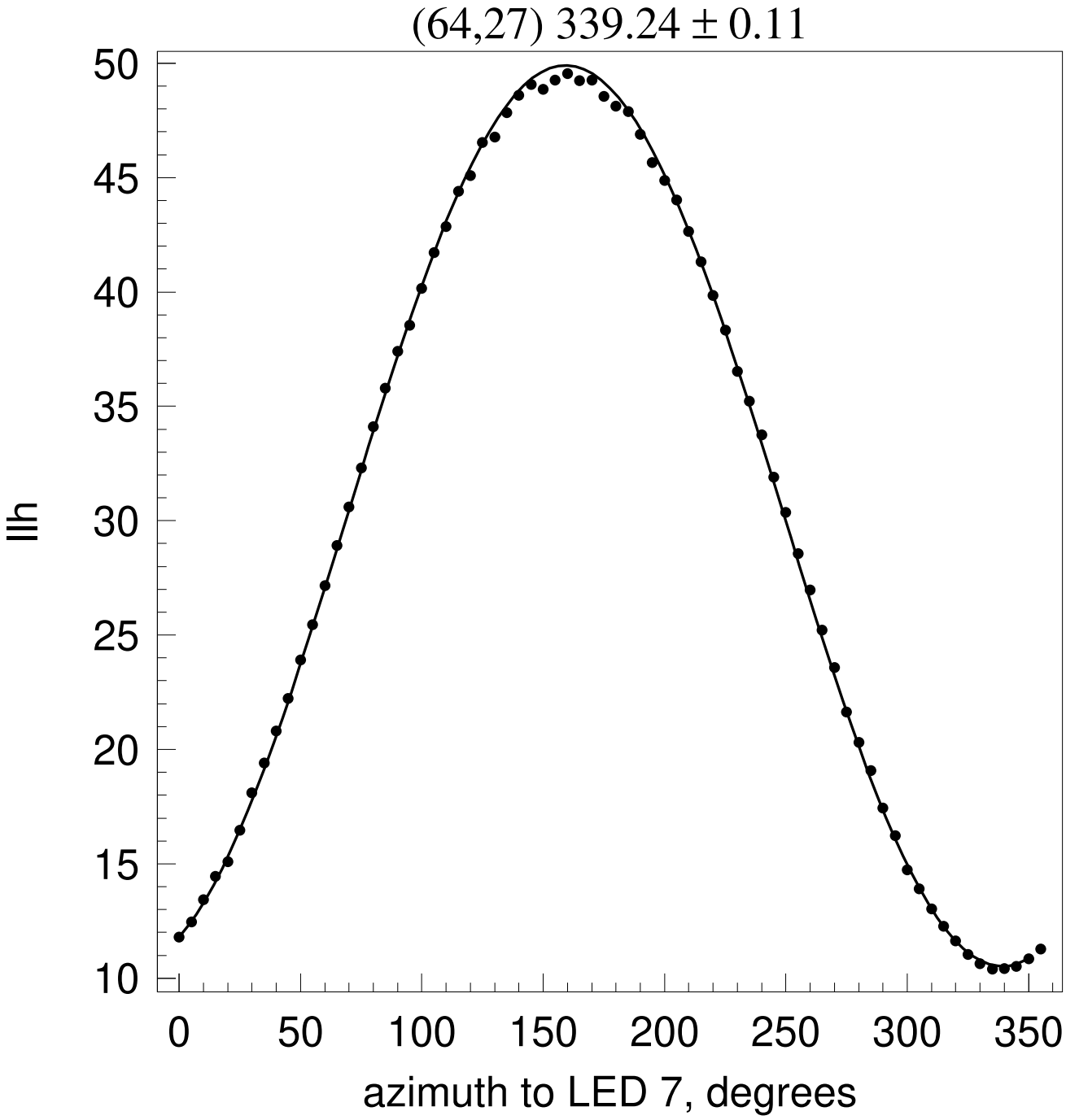

(64,22) 137.79 ± 0.30
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

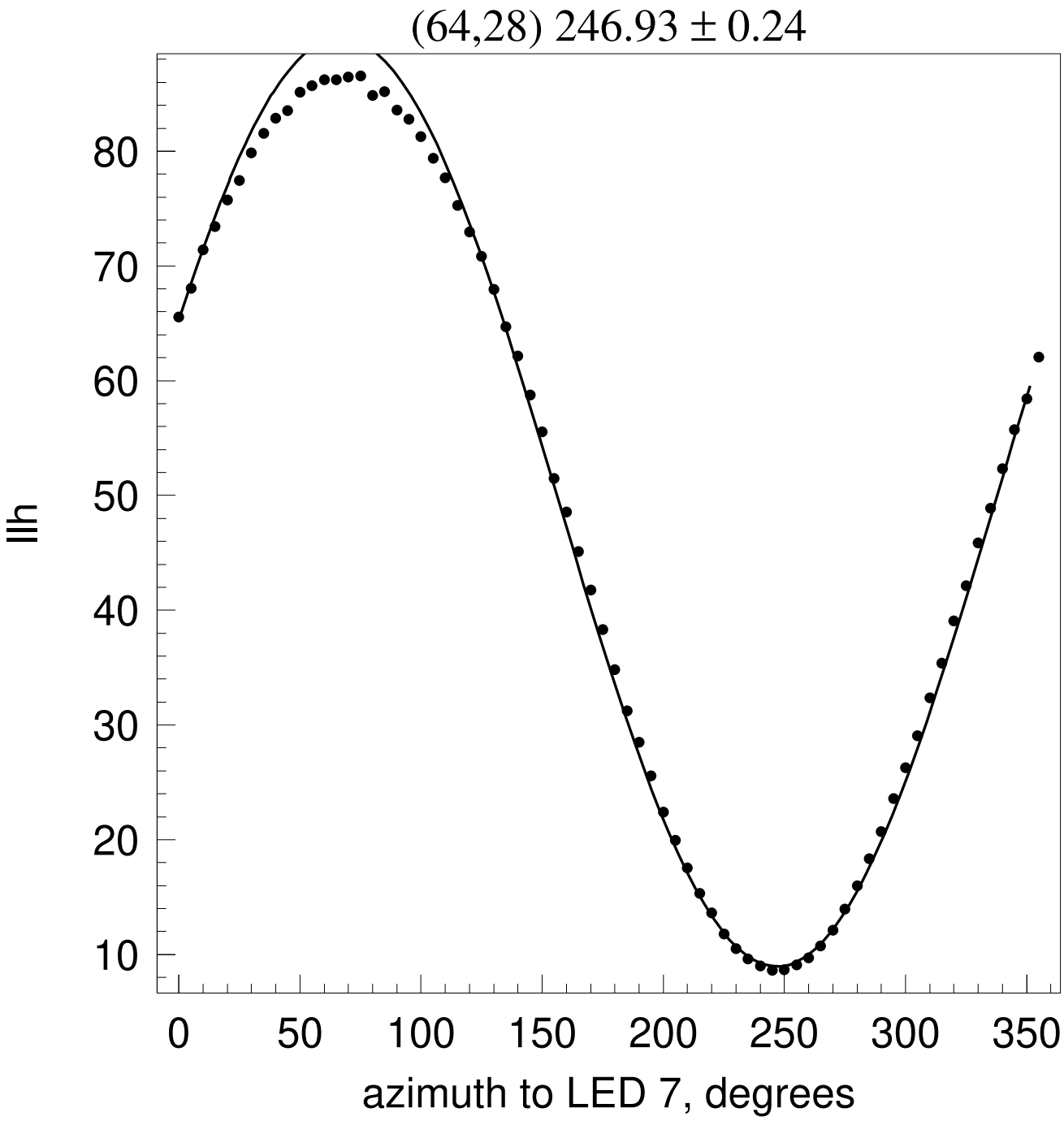

(64,23) 349.93 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

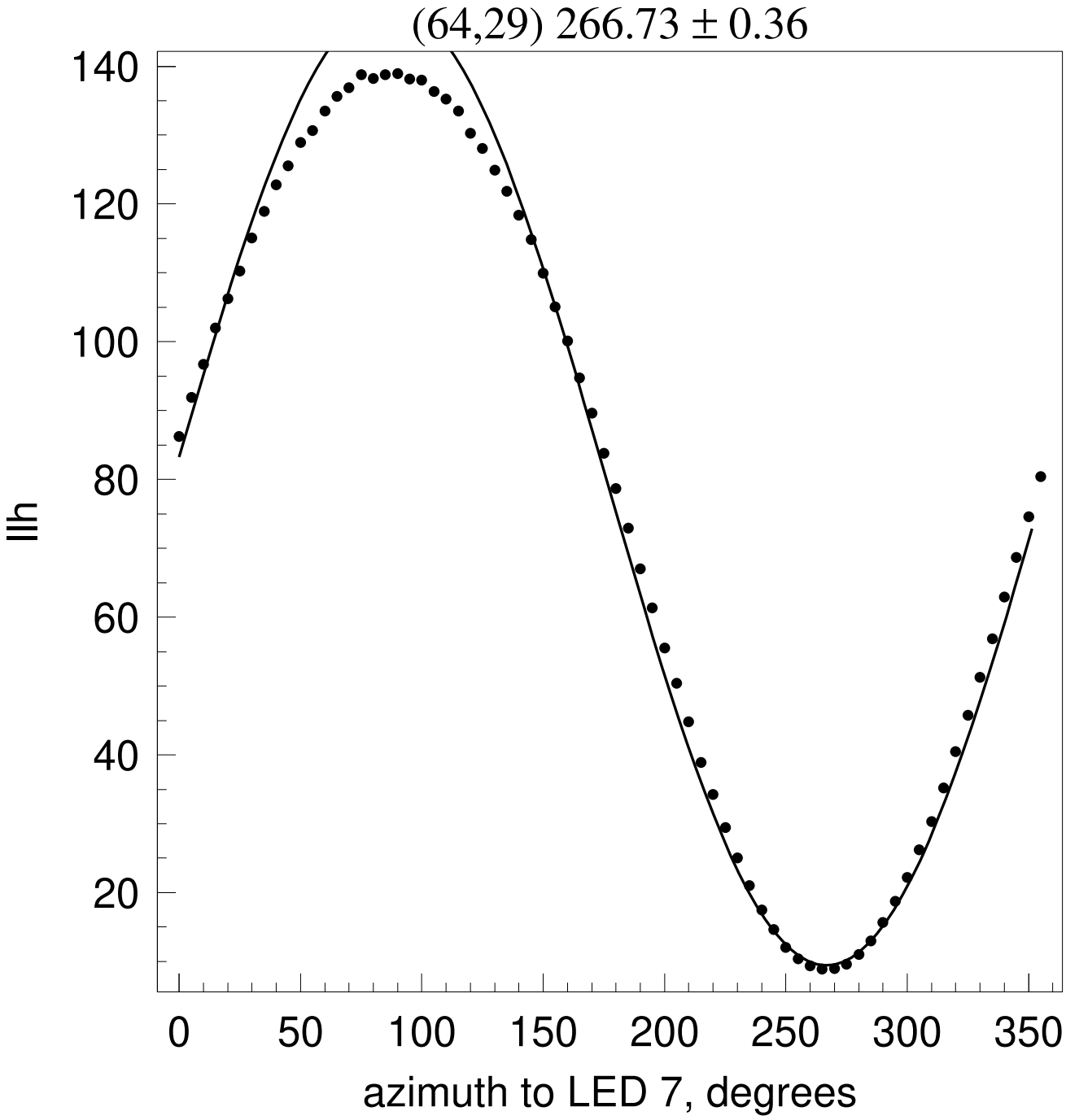

(64,24) 280.35 ± 0.48
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

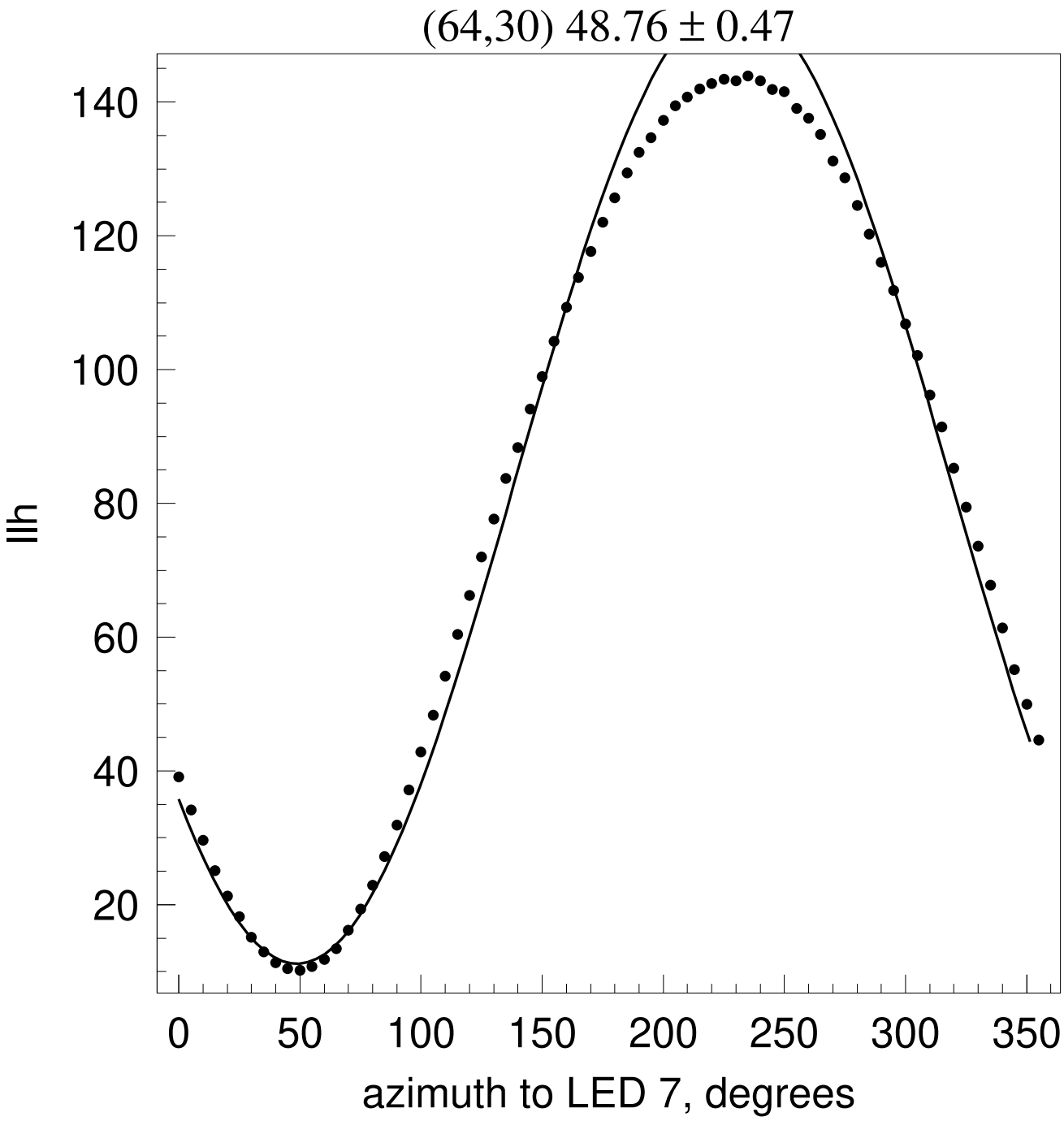

(64,25) 151.69 ± 0.23
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

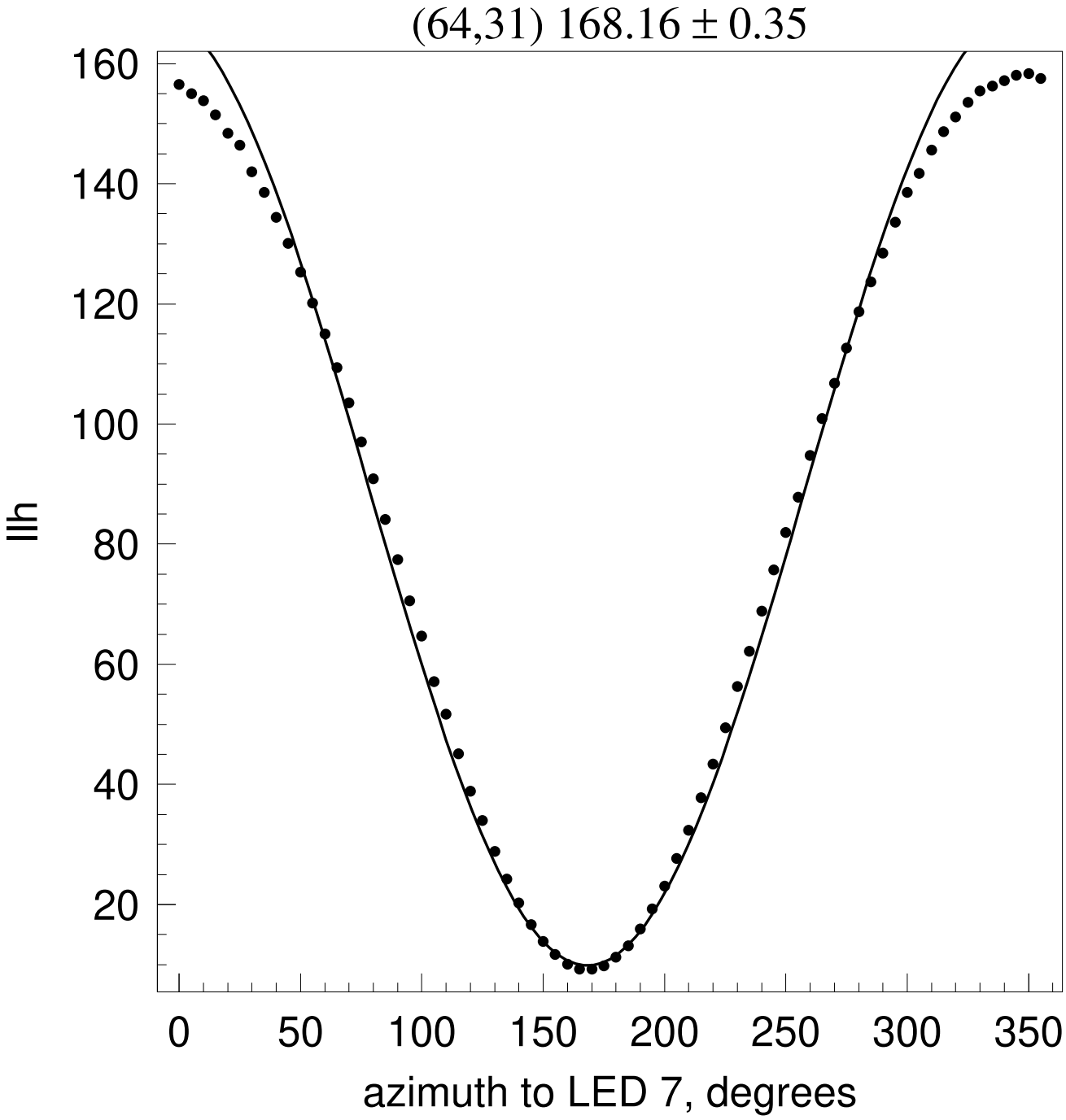

(64,26) 358.45 ± 0.23
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

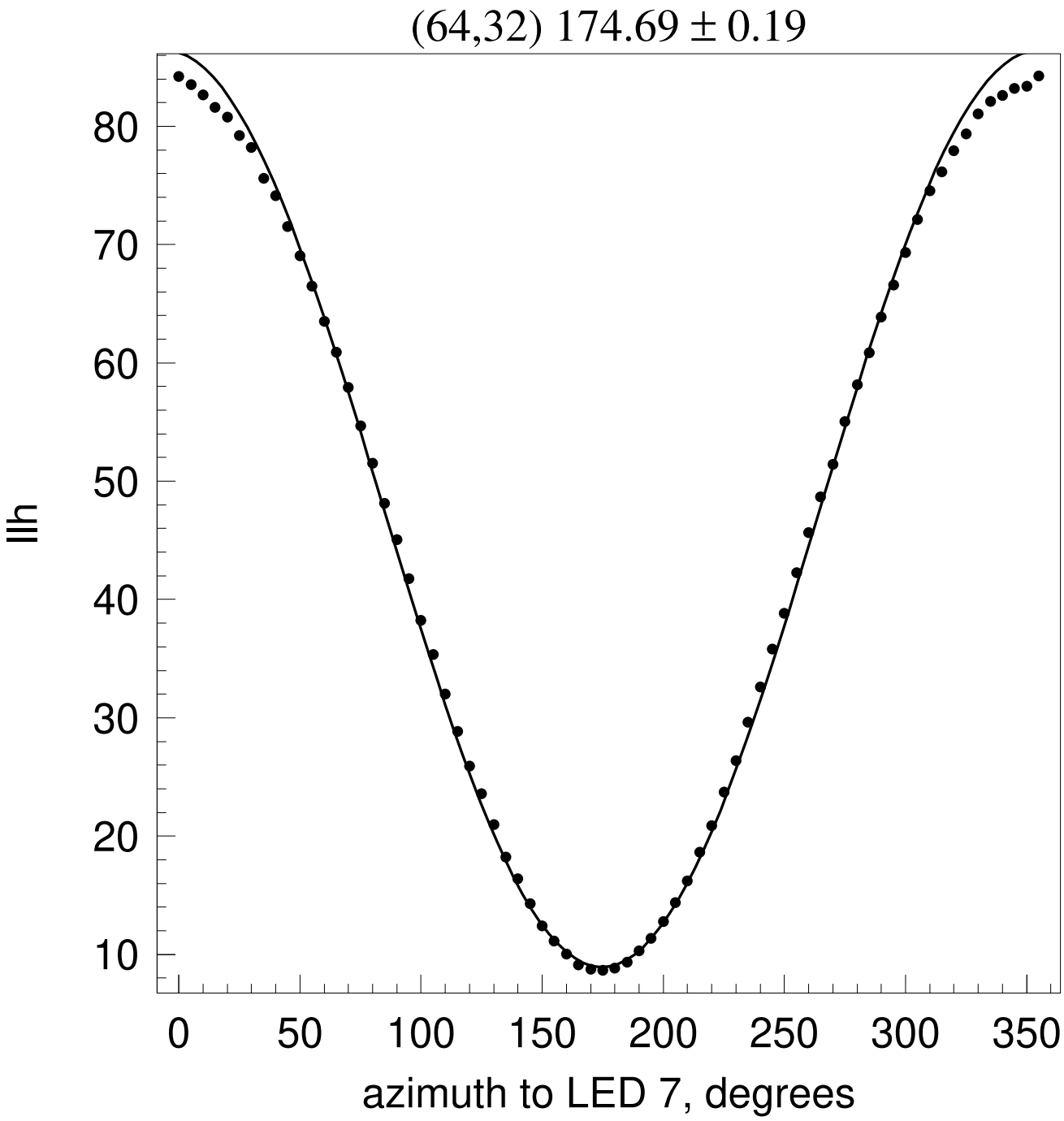

(64,27) 339.24 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

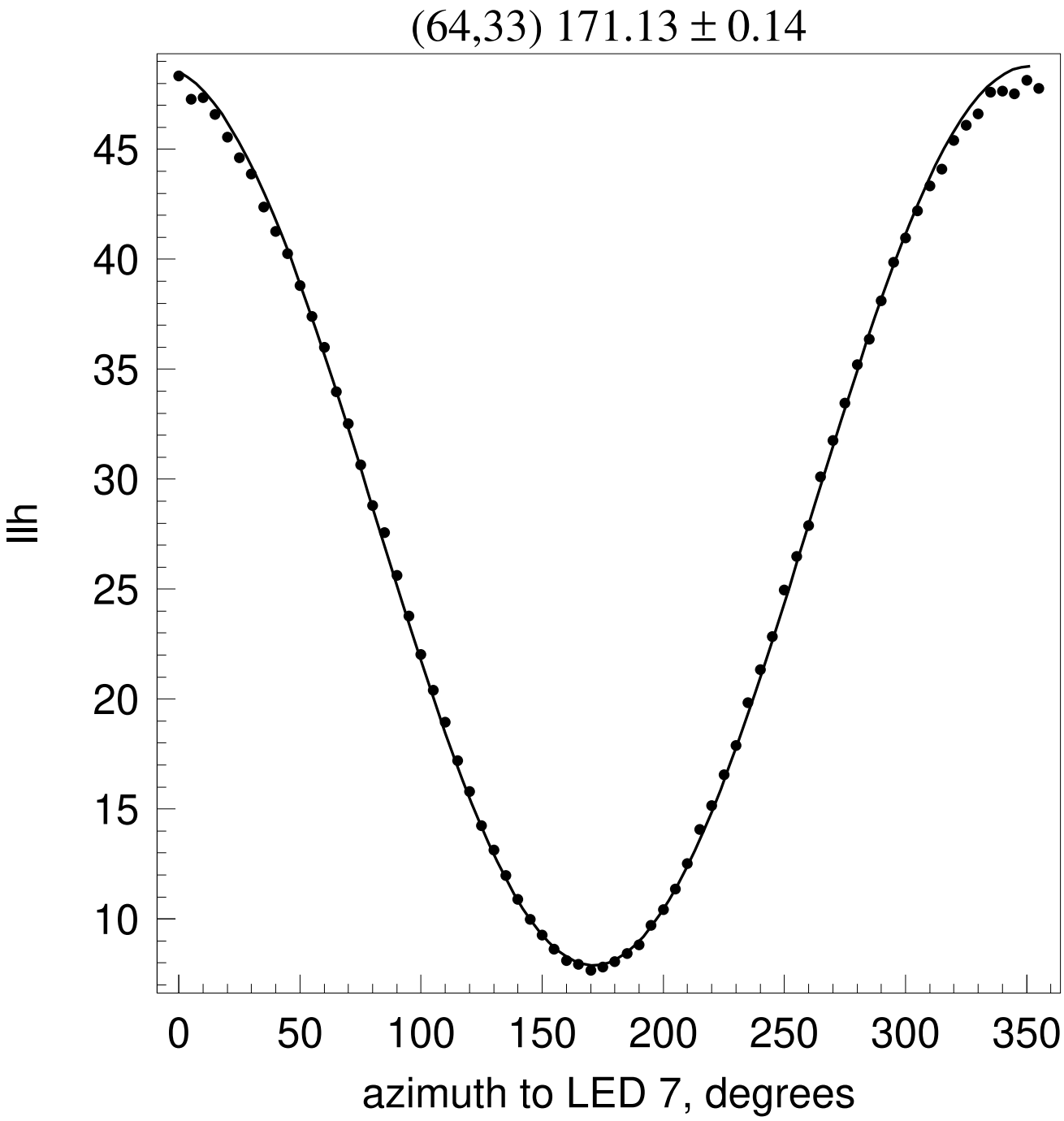

(64,28) 246.93 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

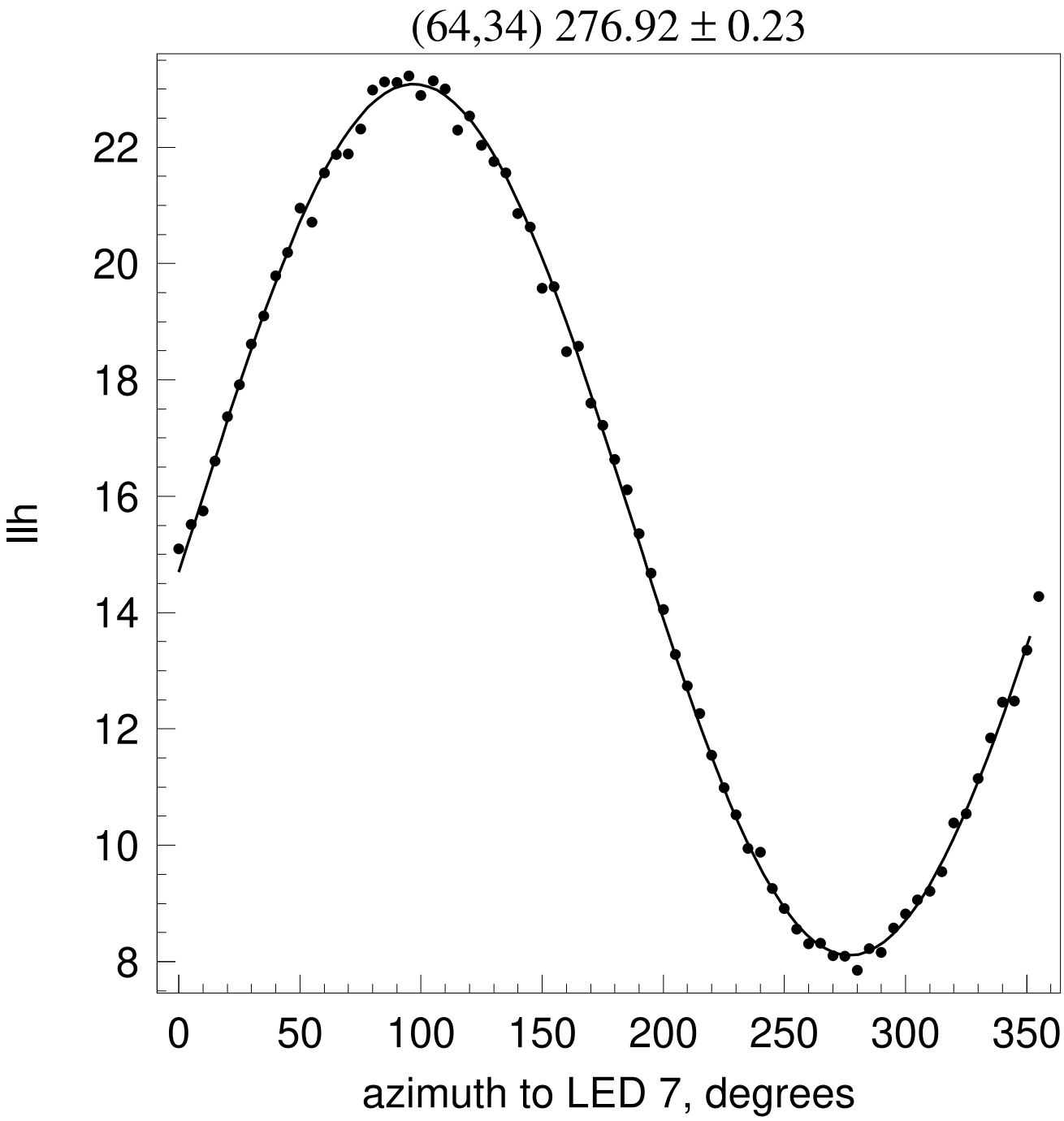

(64,29) 266.73 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

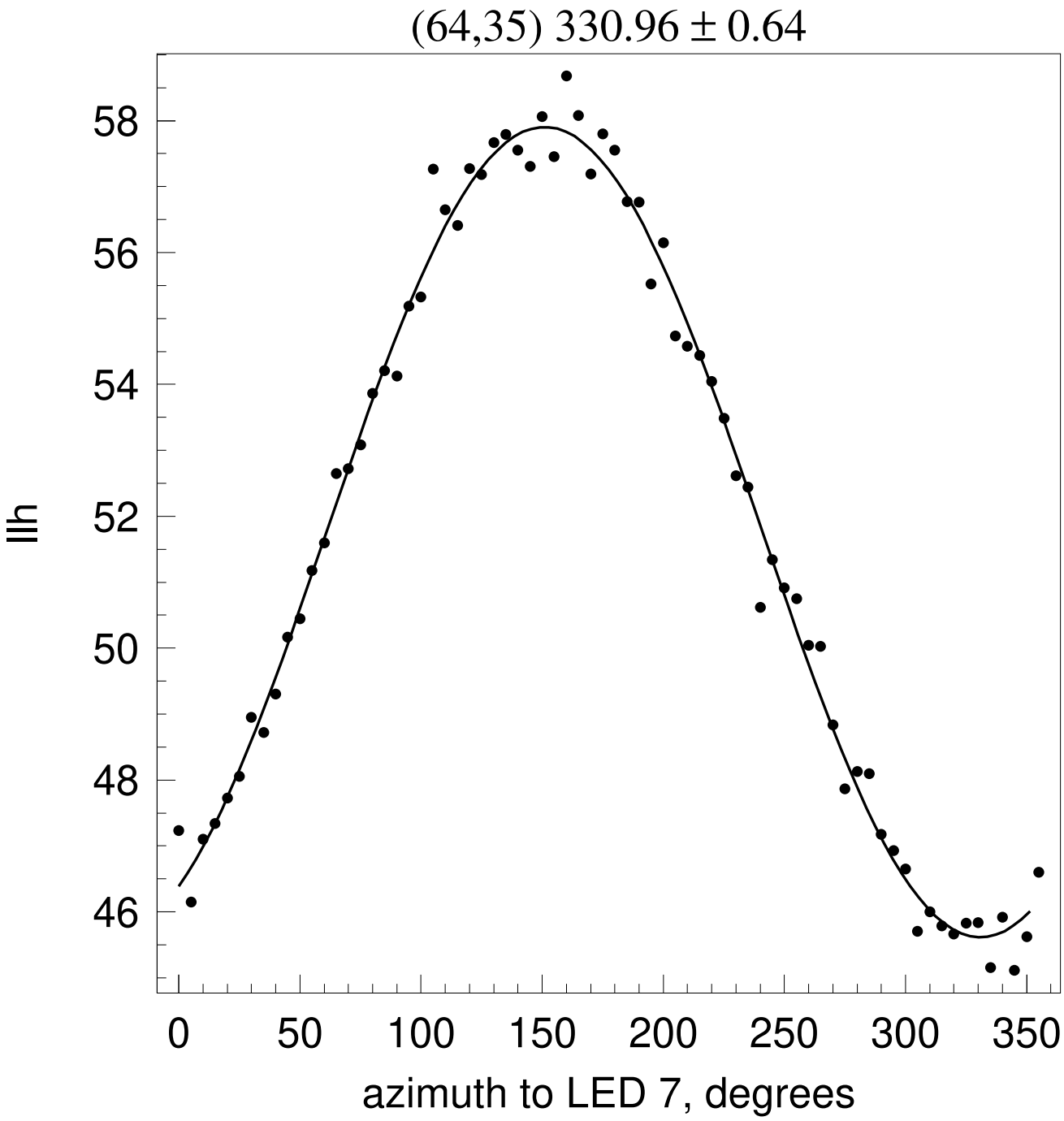

(64,30) 48.76 ± 0.47
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

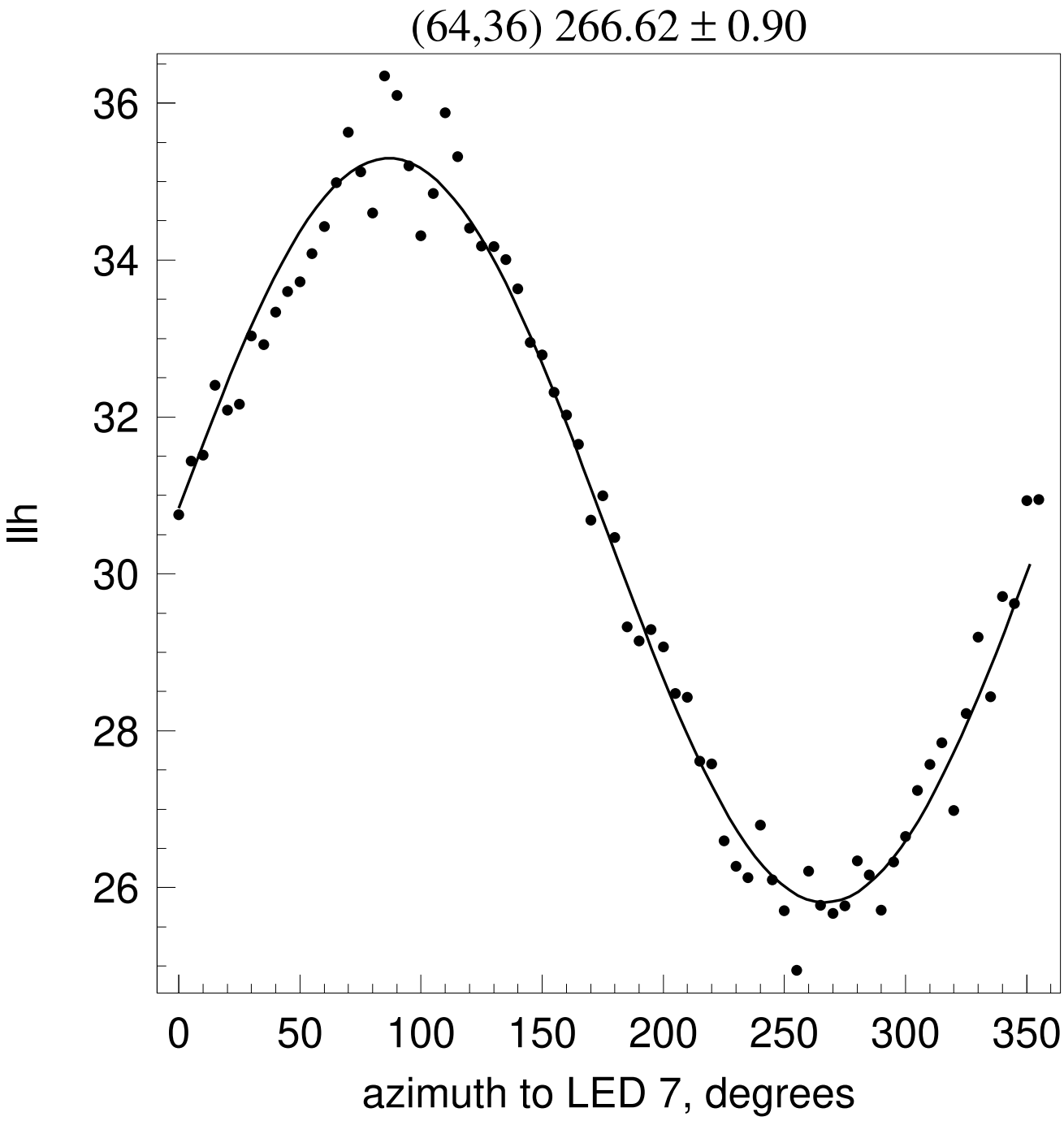

(64,31) 168.16 ± 0.35
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

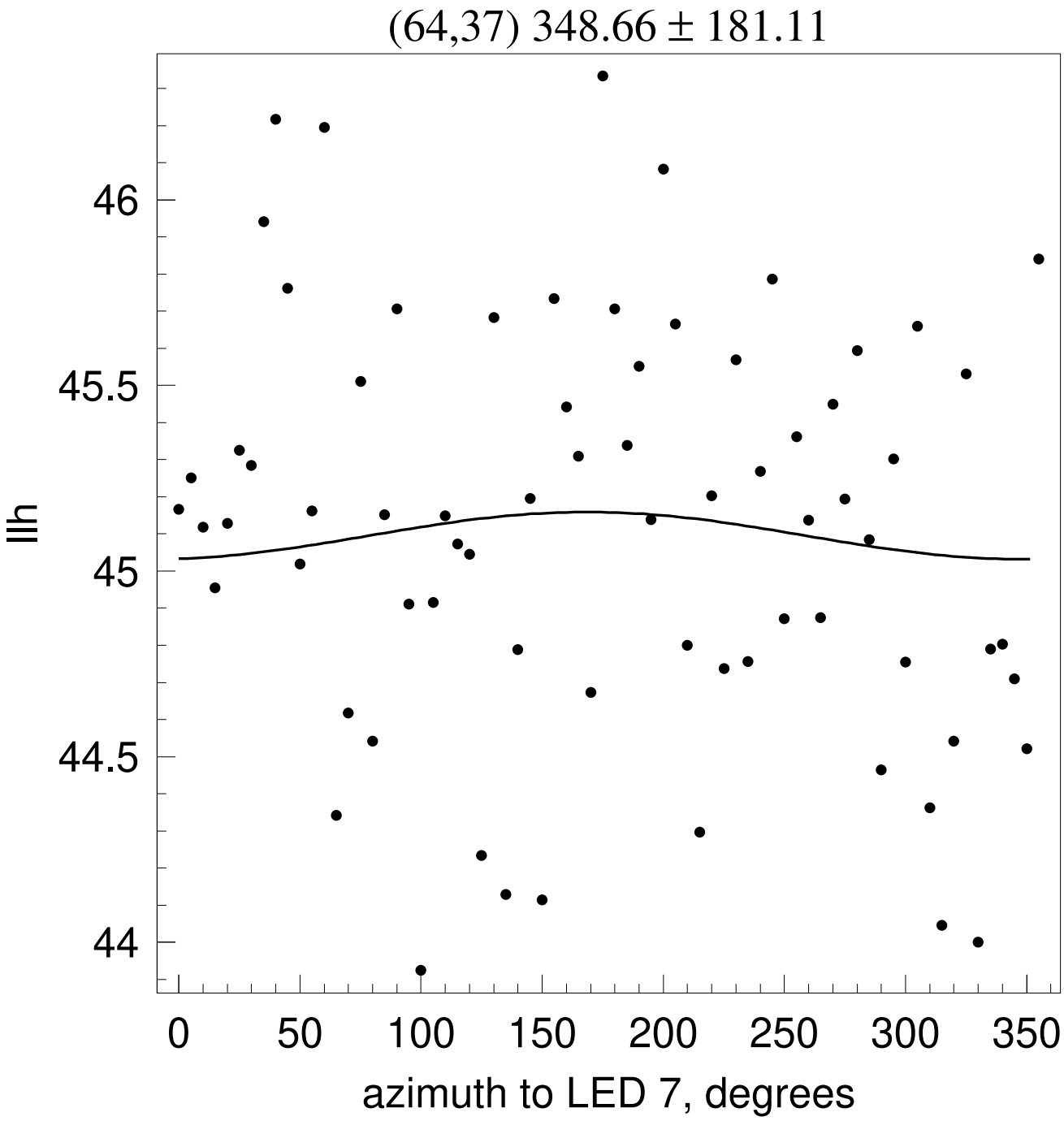

(64,32) 174.69 ± 0.19
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

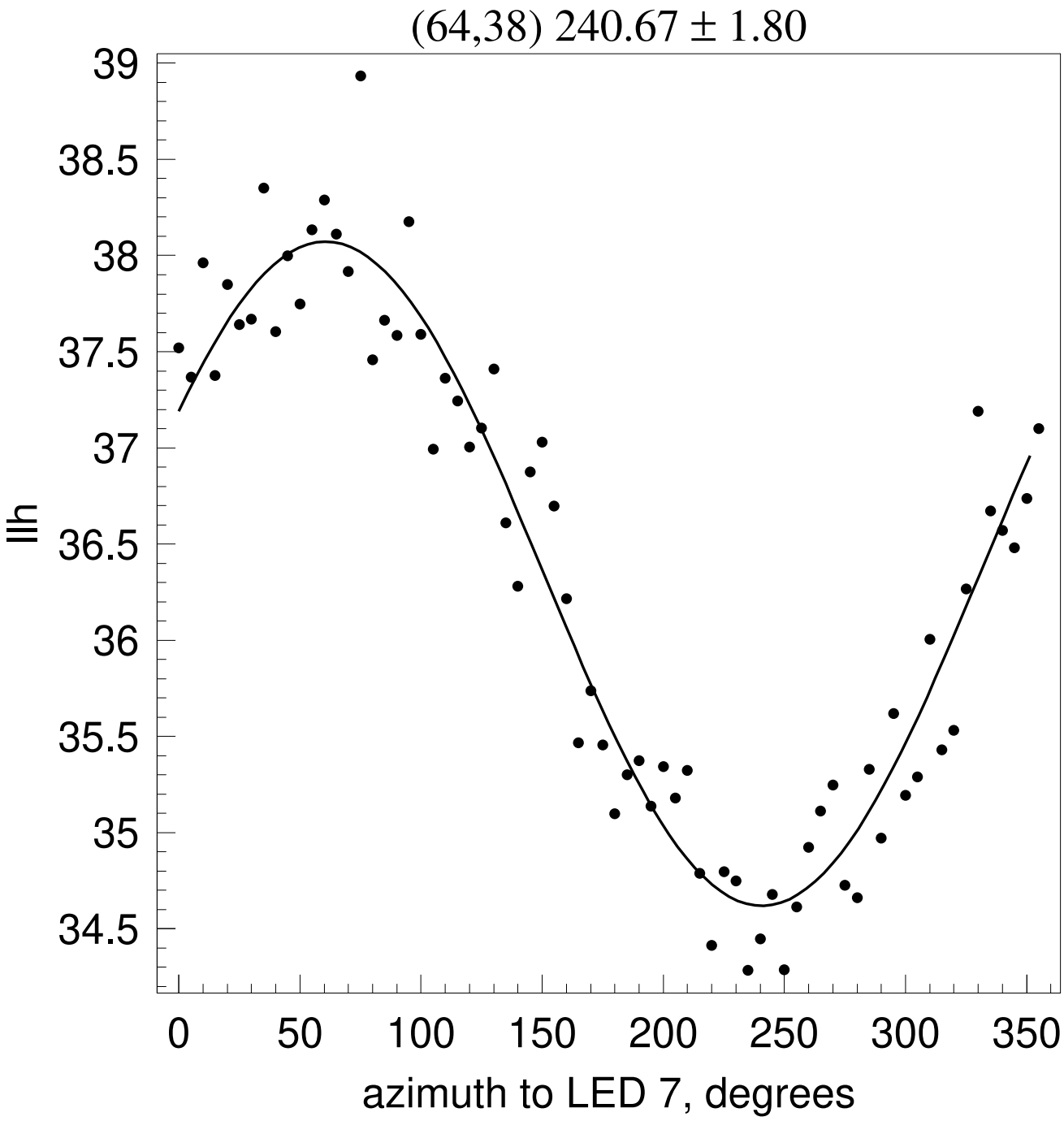

(64,33) 171.13 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

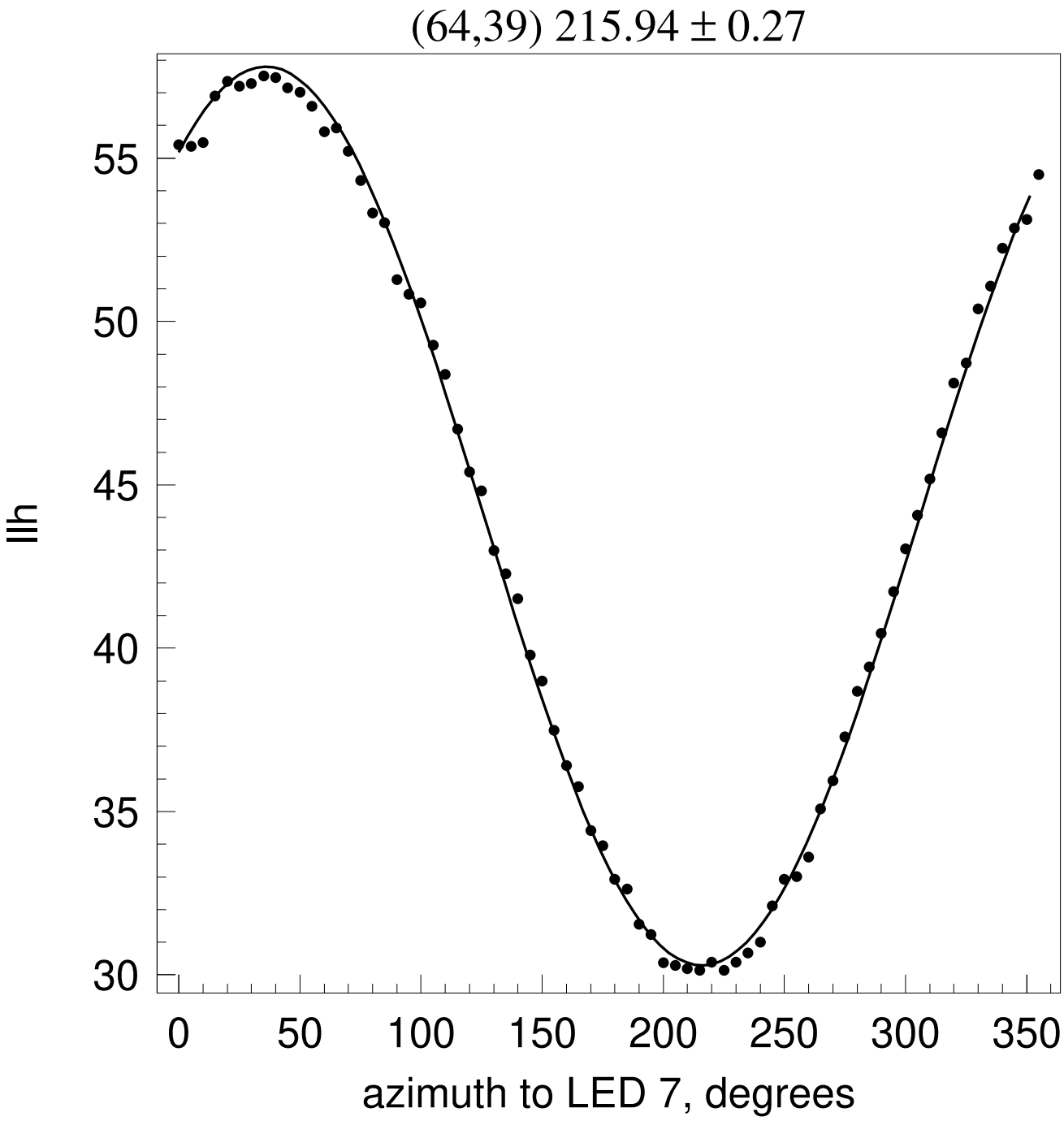

(64,34) 276.92 ± 0.23
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

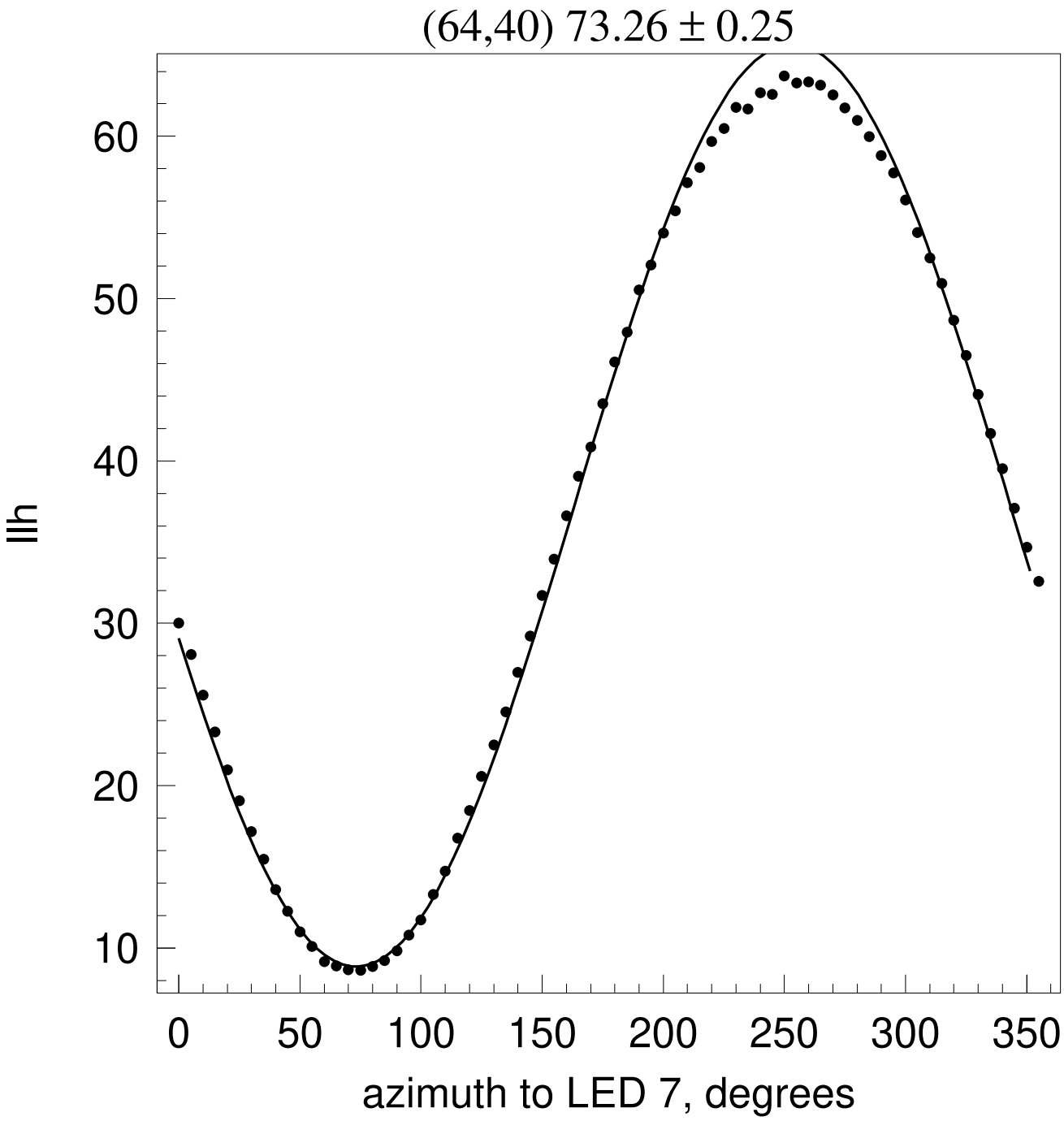

(64,35) 330.96 ± 0.64
58
56
54
52
50
48
46
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

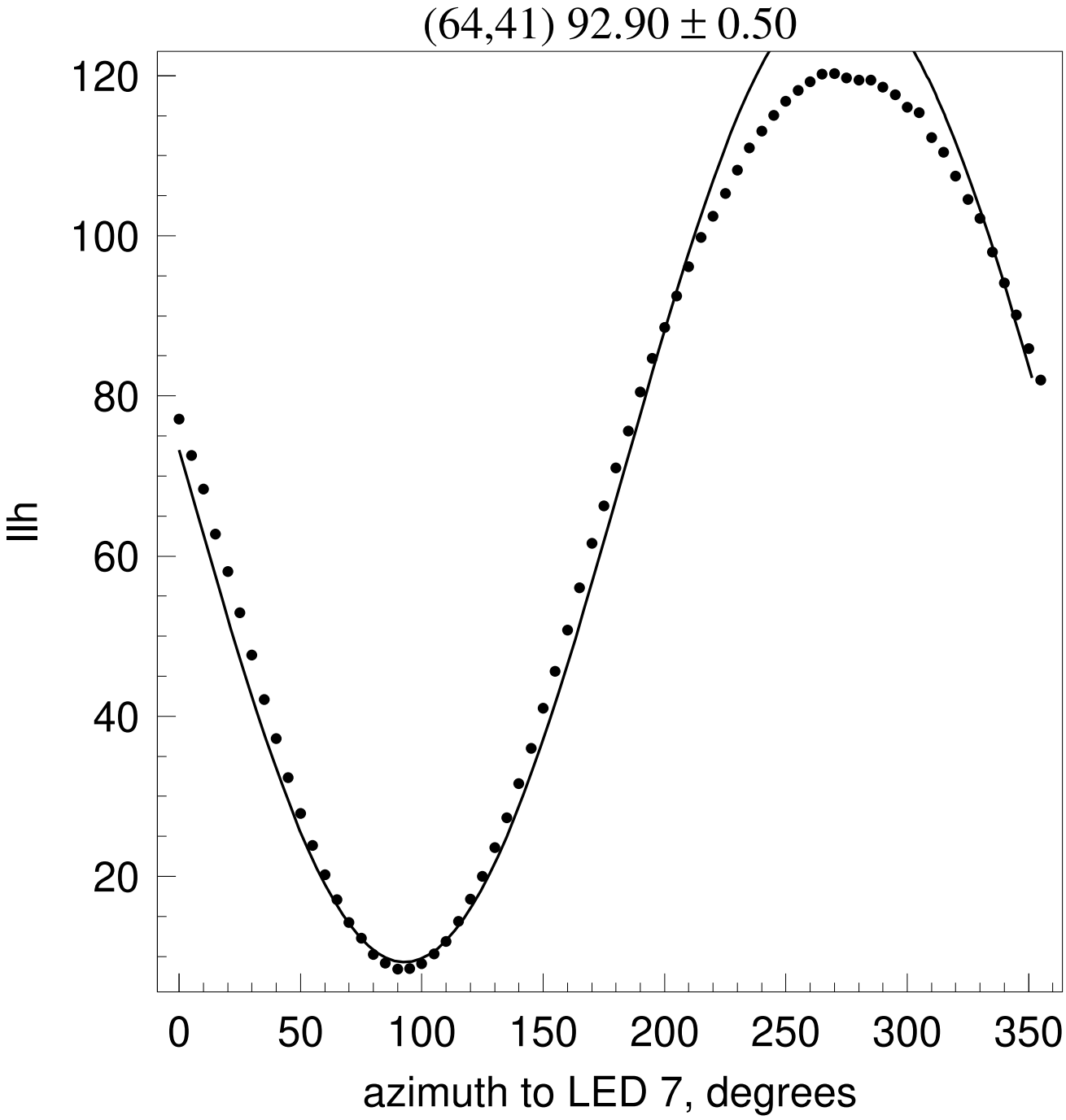

(64,36) 266.62 ± 0.90
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

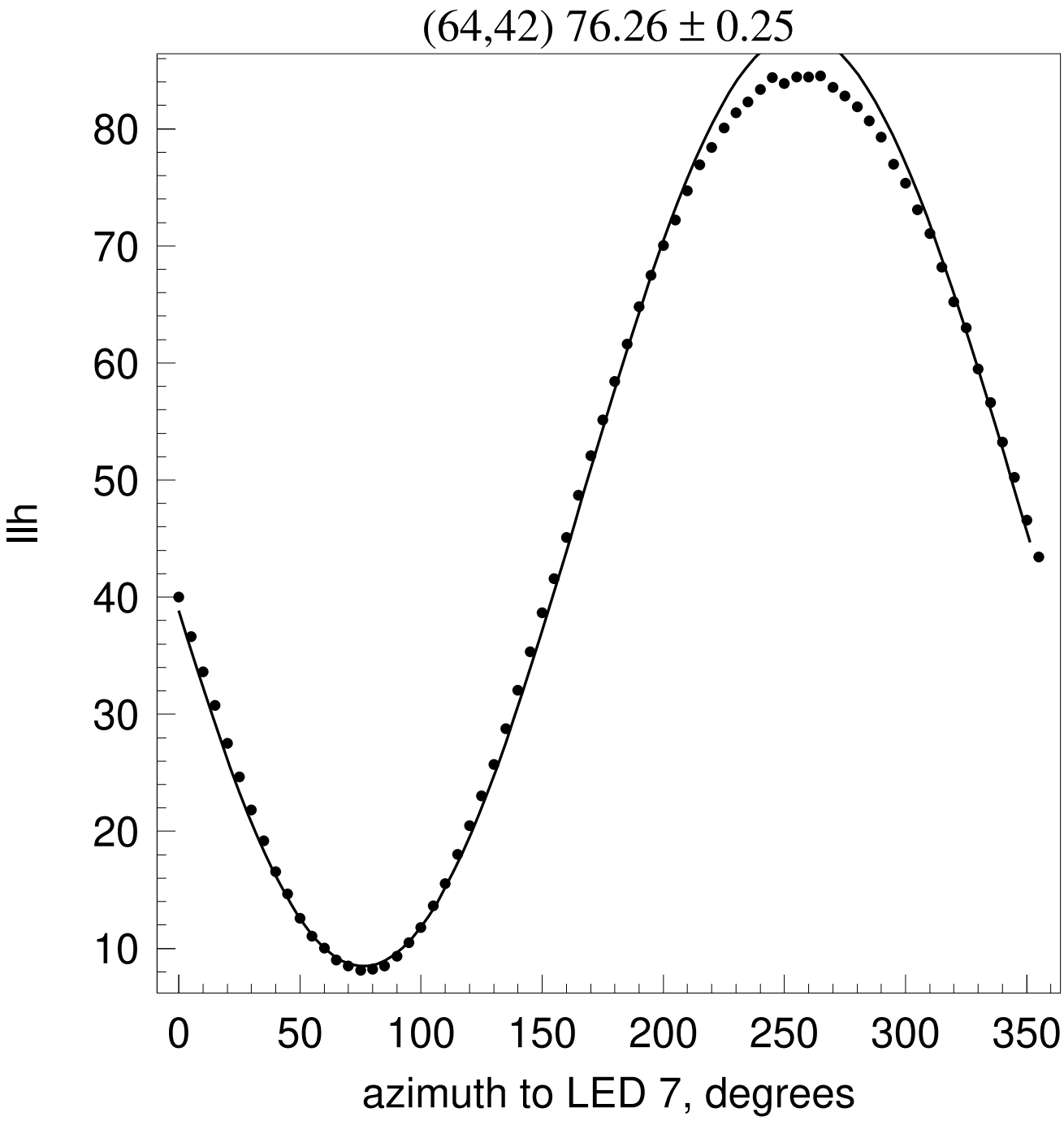

(64,37) 348.66 ± 181.11
46
45.5
45
44.5
44
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

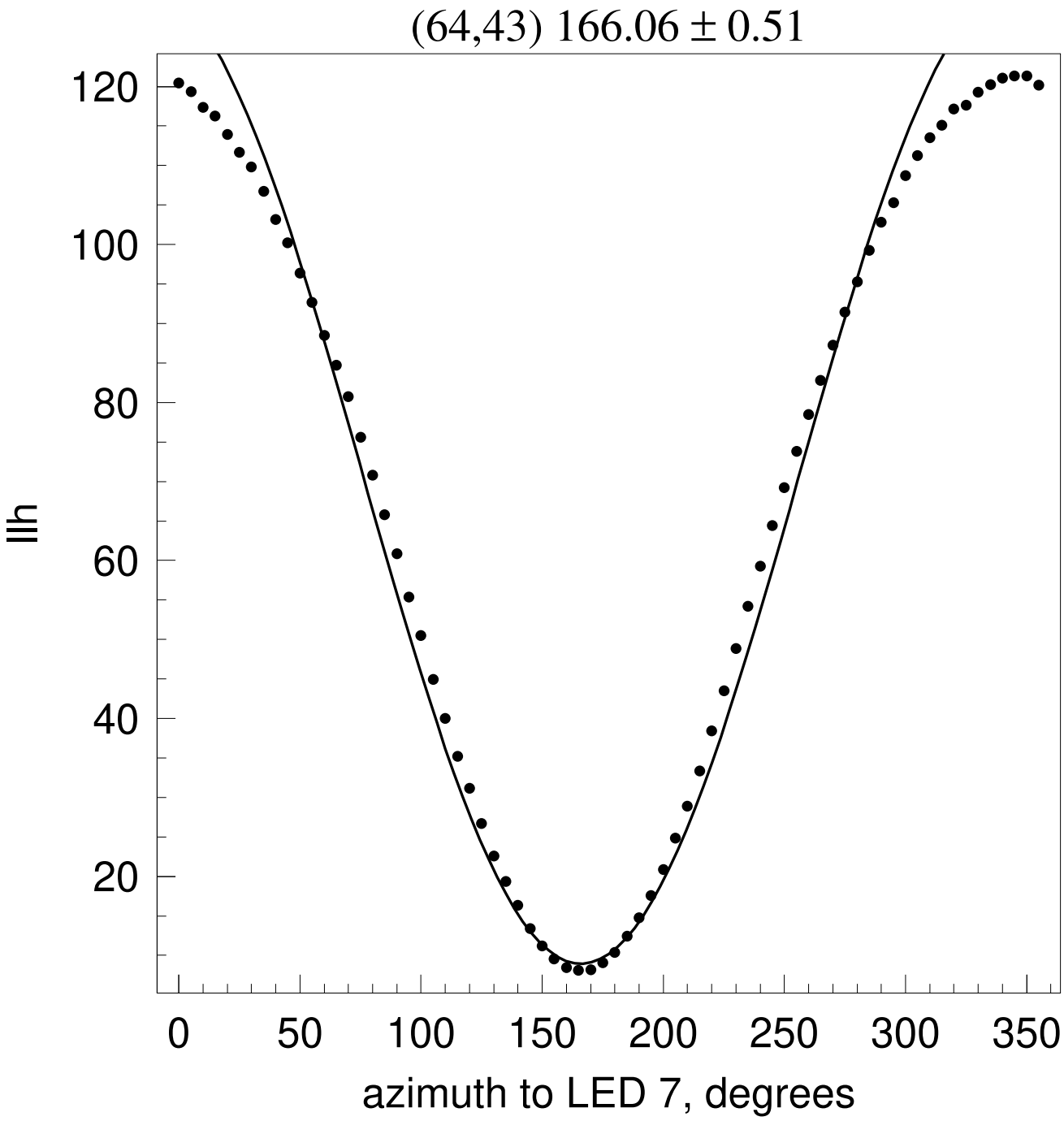

(64,38) 240.67 ± 1.80
39
38.5
38
37.5
37
36.5
36
35.5
35
34.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

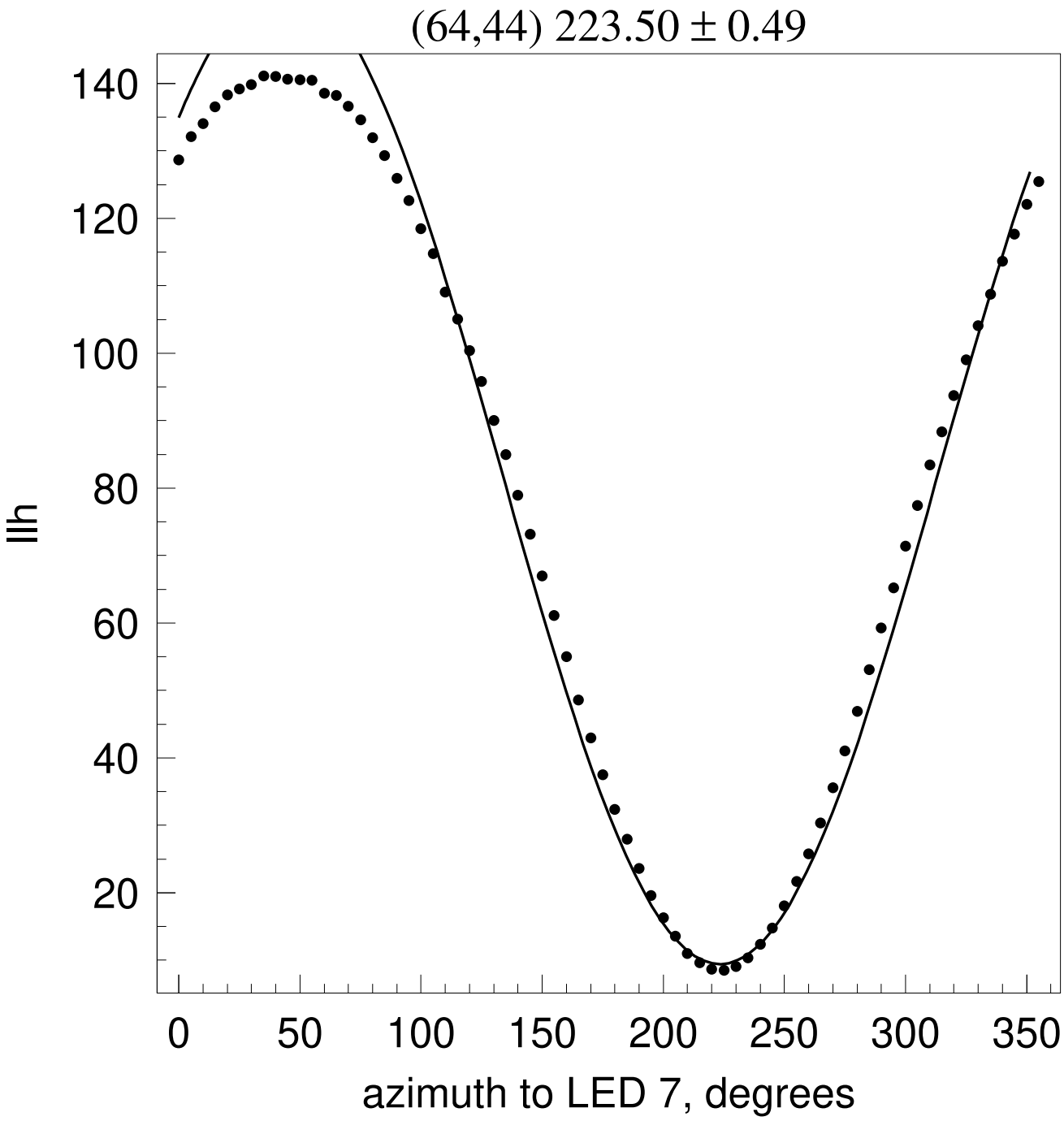

(64,39) 215.94 ± 0.27
55
50
45
40
35
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

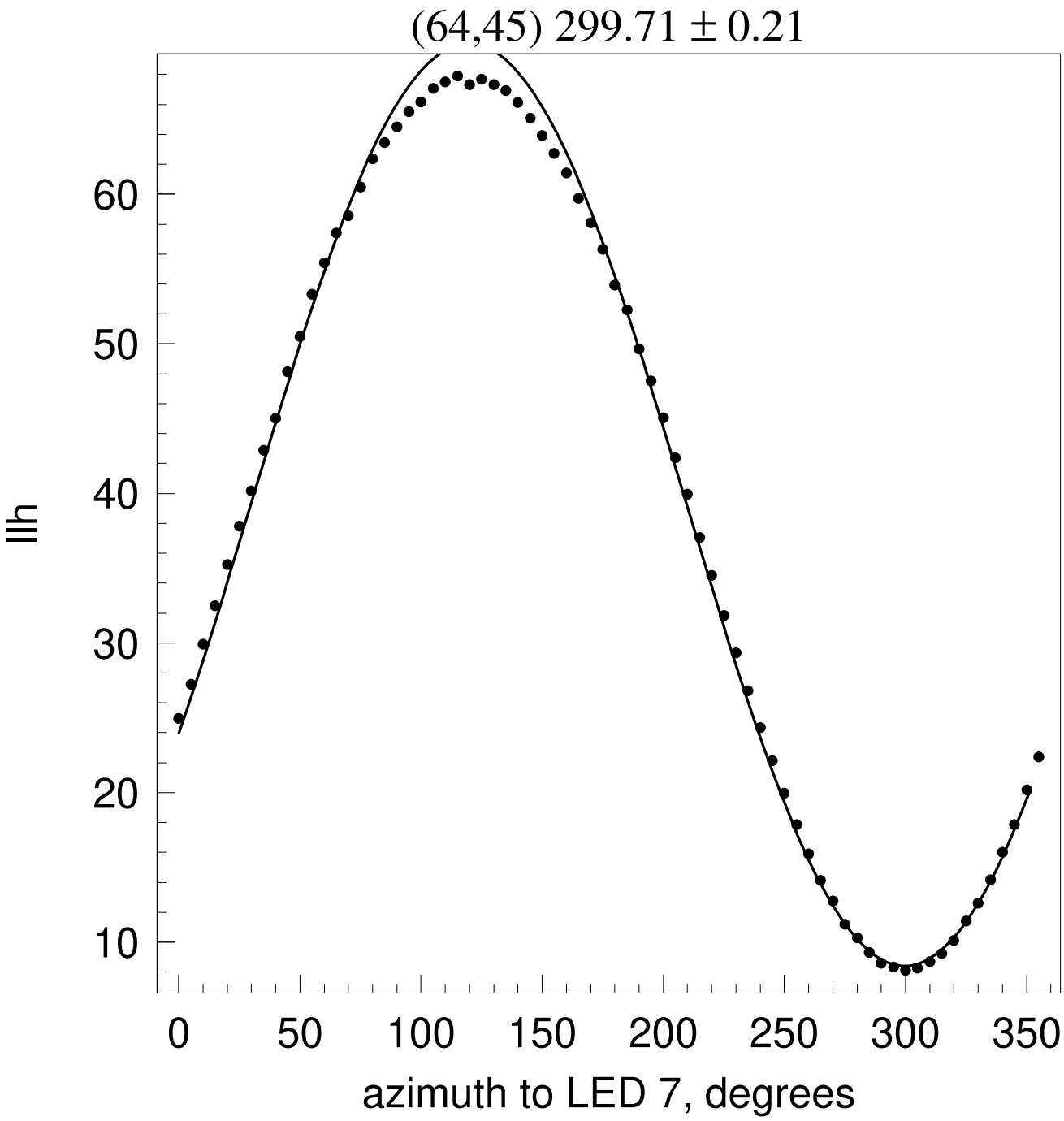

(64,40) 73.26 ± 0.25
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

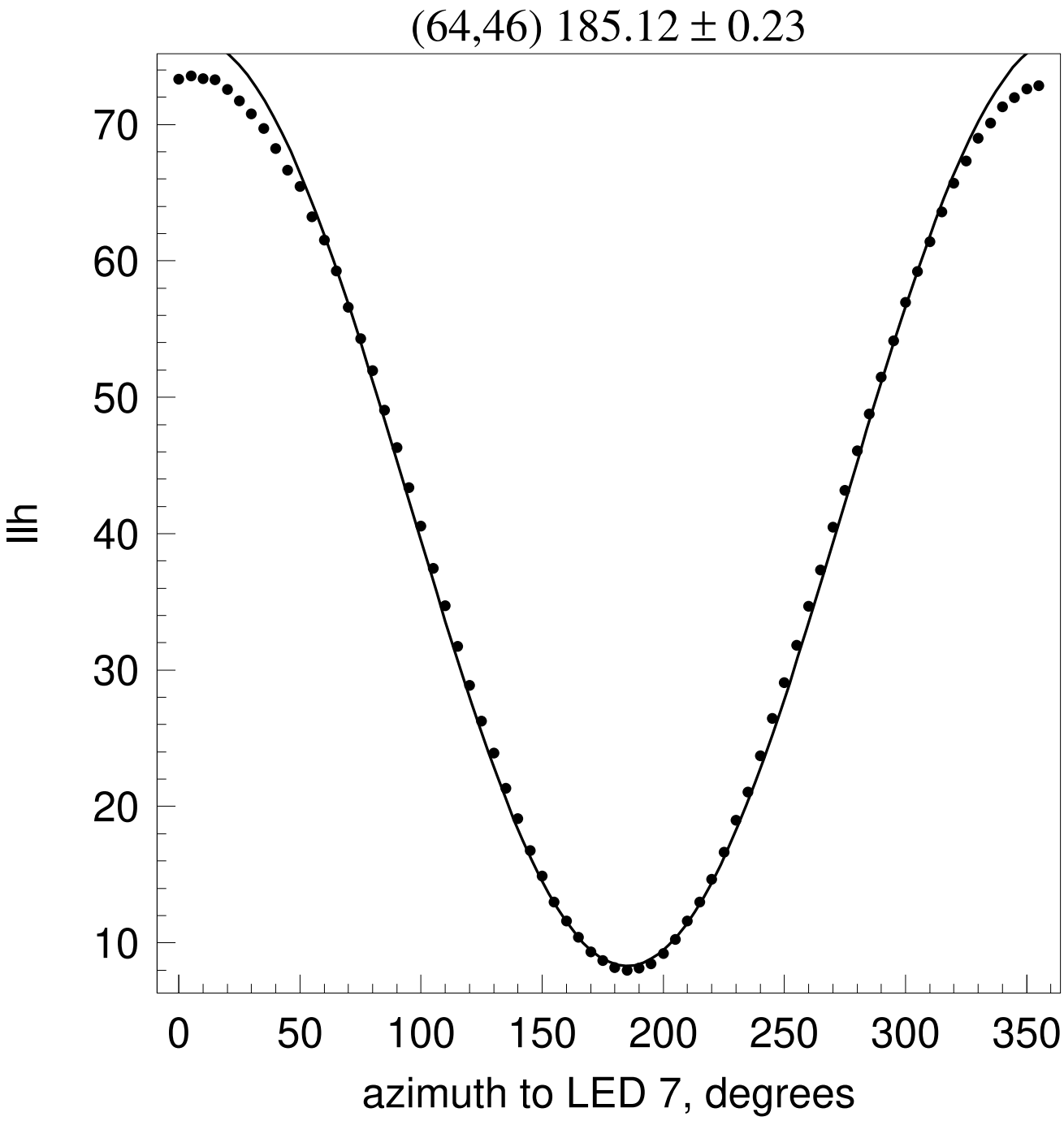

(64,41) 92.90 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

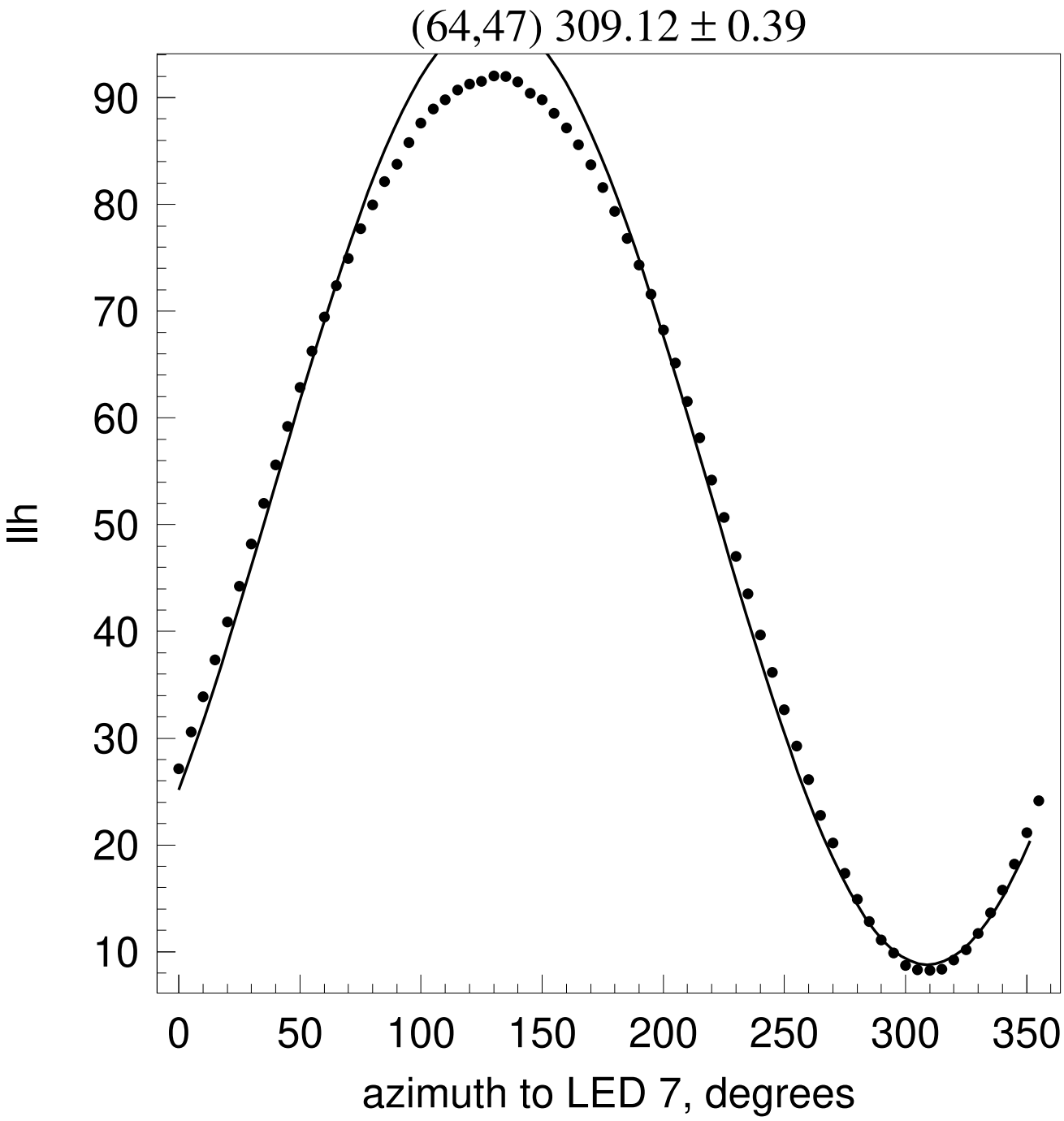

(64,42) 76.26 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

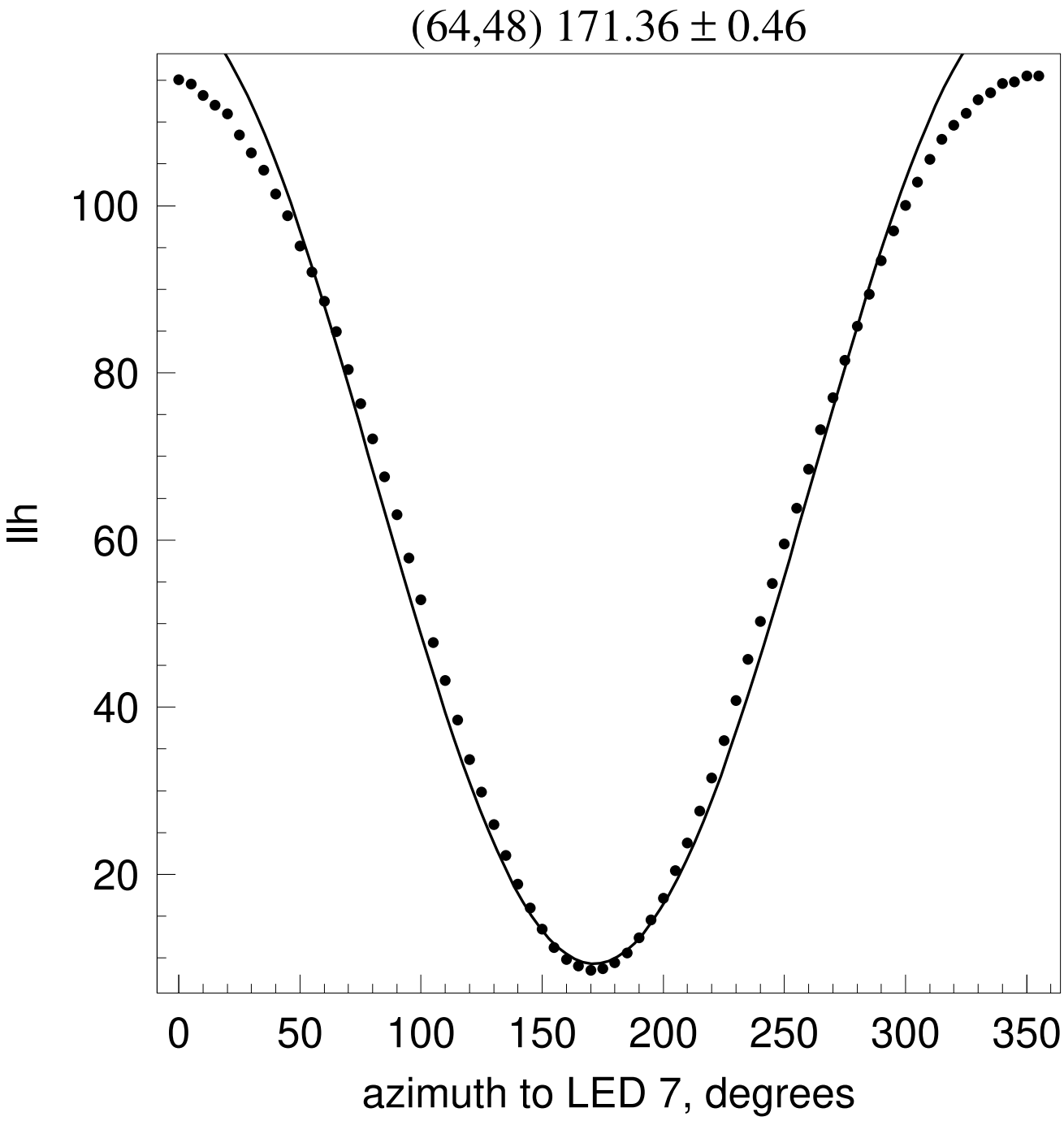

(64,43) 166.06 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

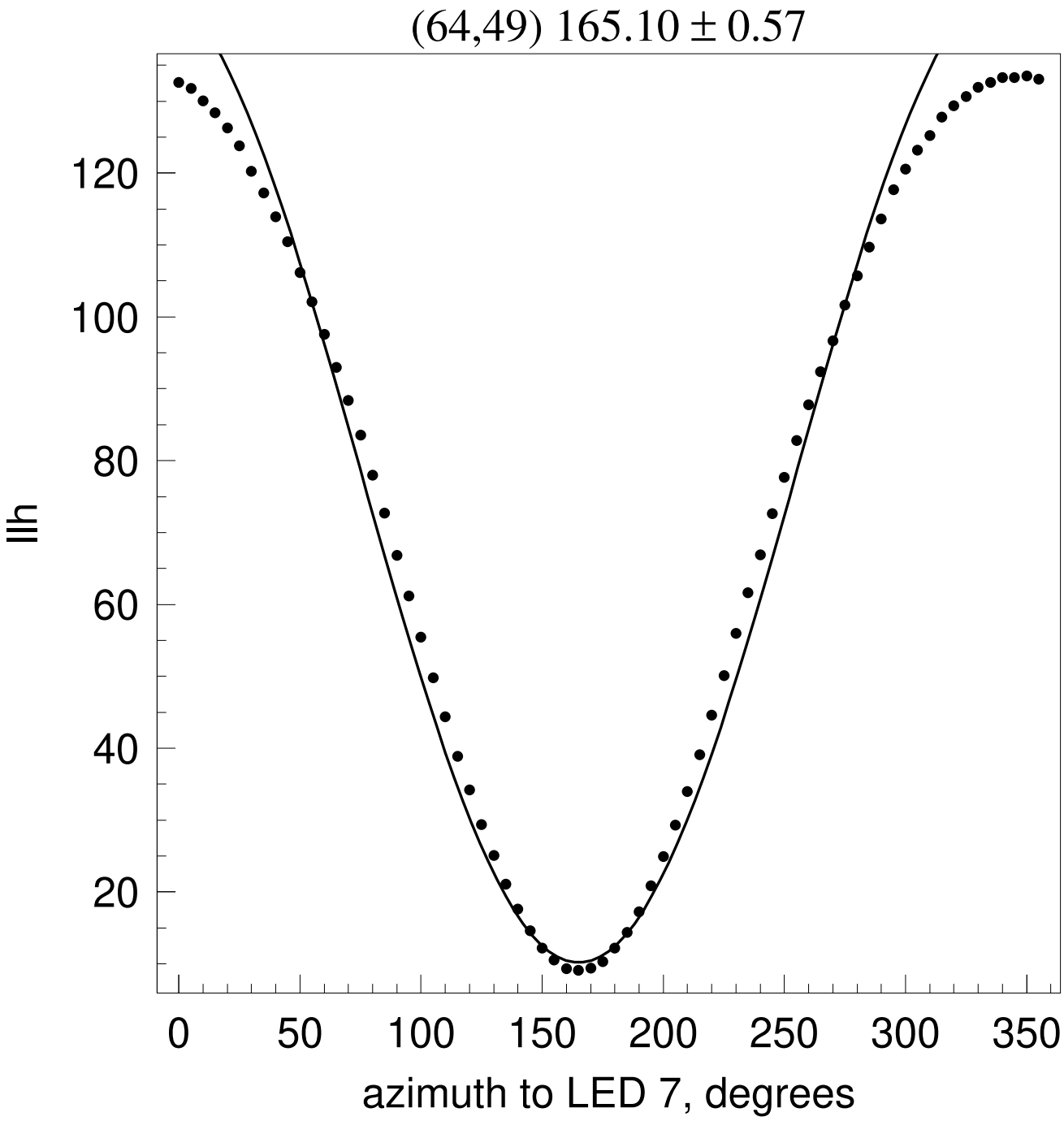

(64,44) 223.50 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

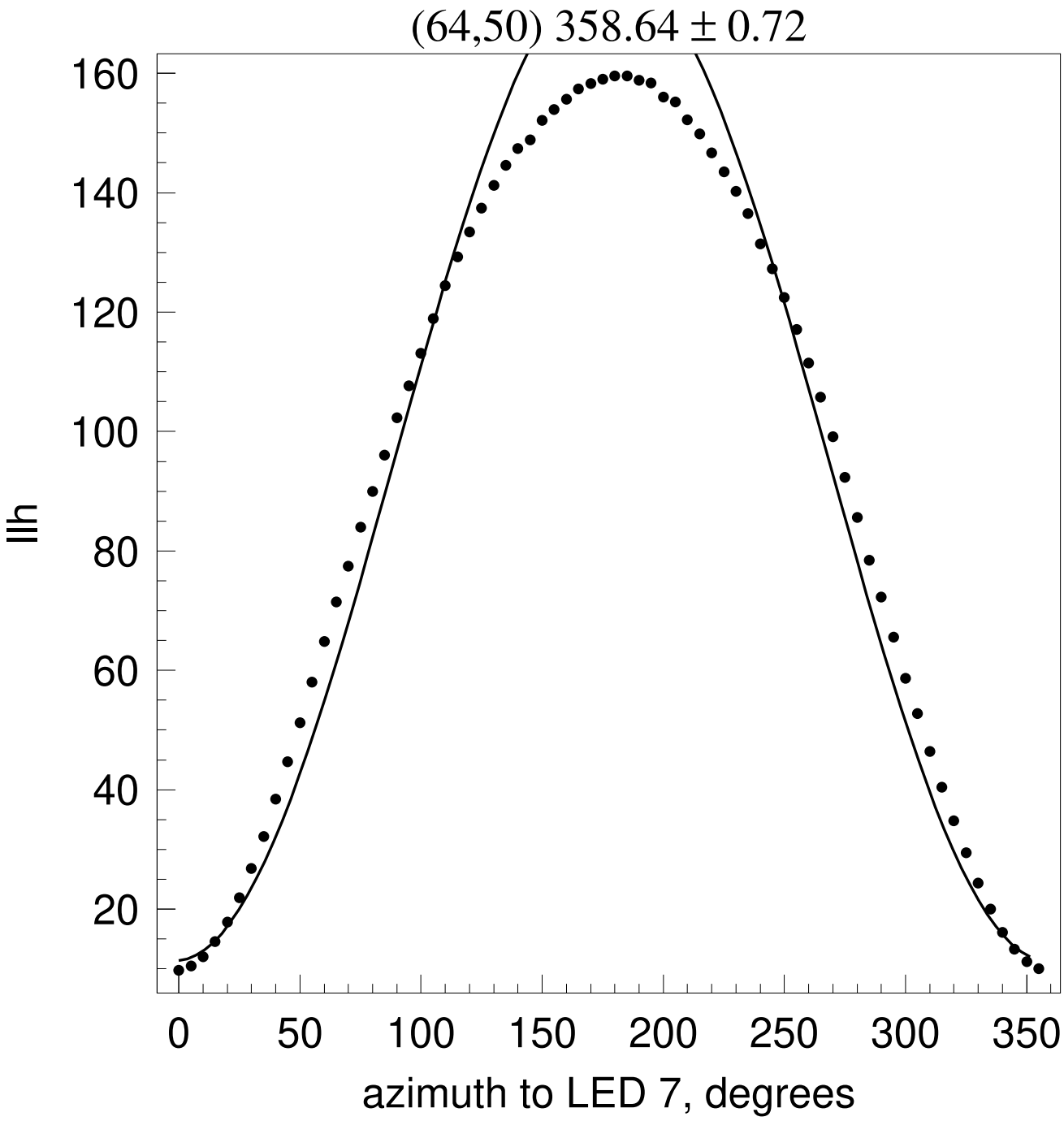

(64,45) 299.71 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

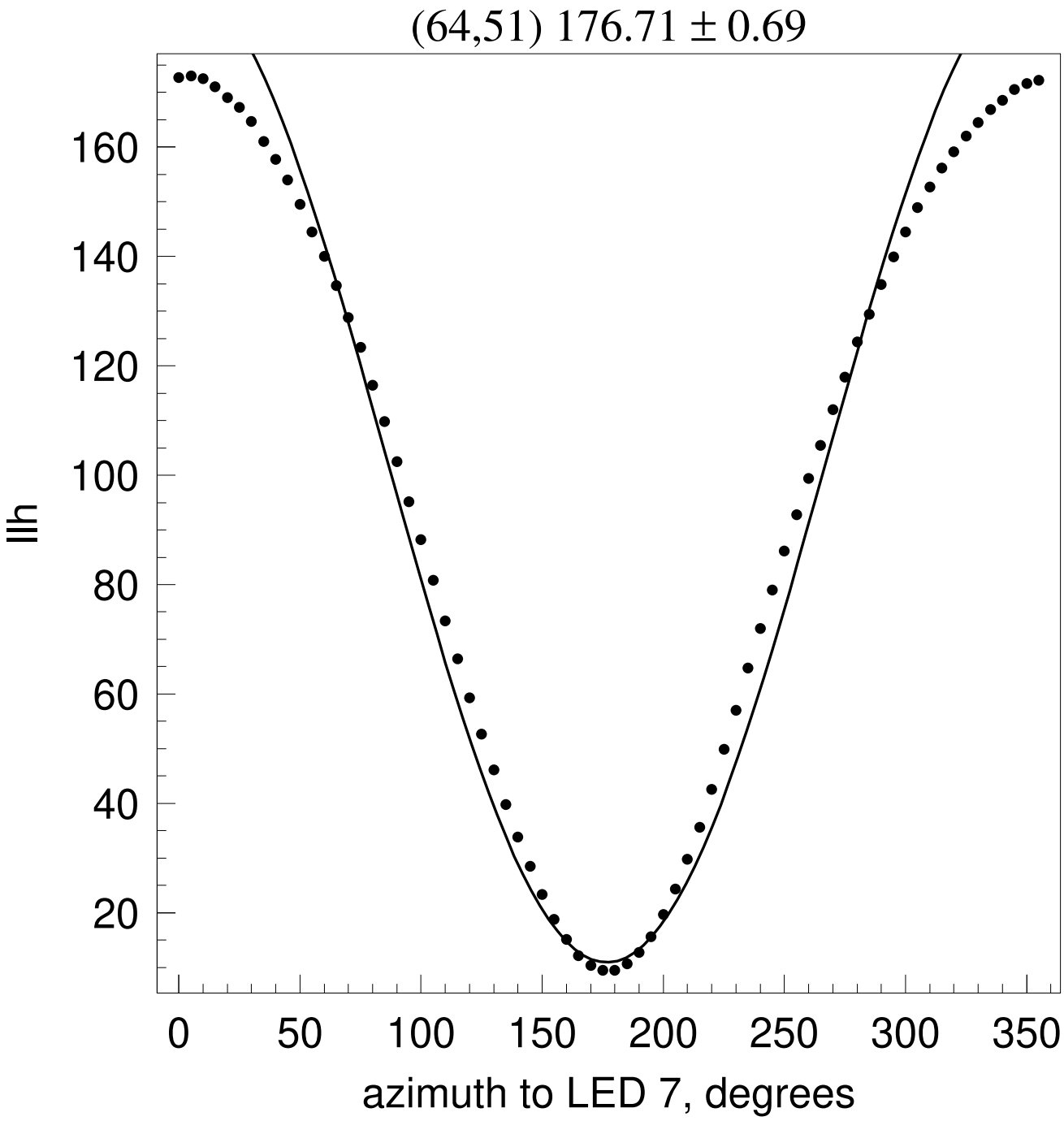

(64,46) 185.12 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

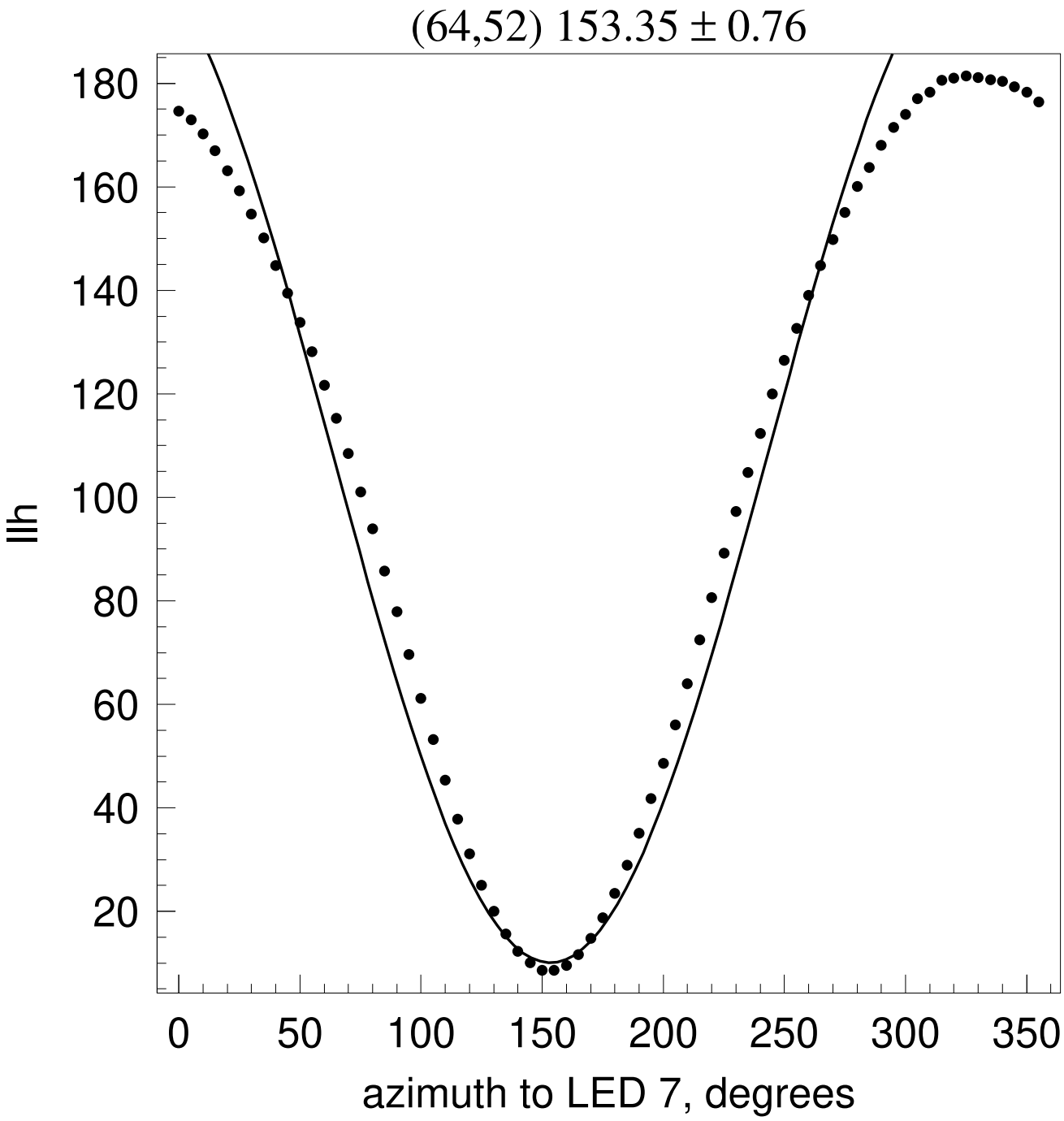

(64,47) 309.12 ± 0.39
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

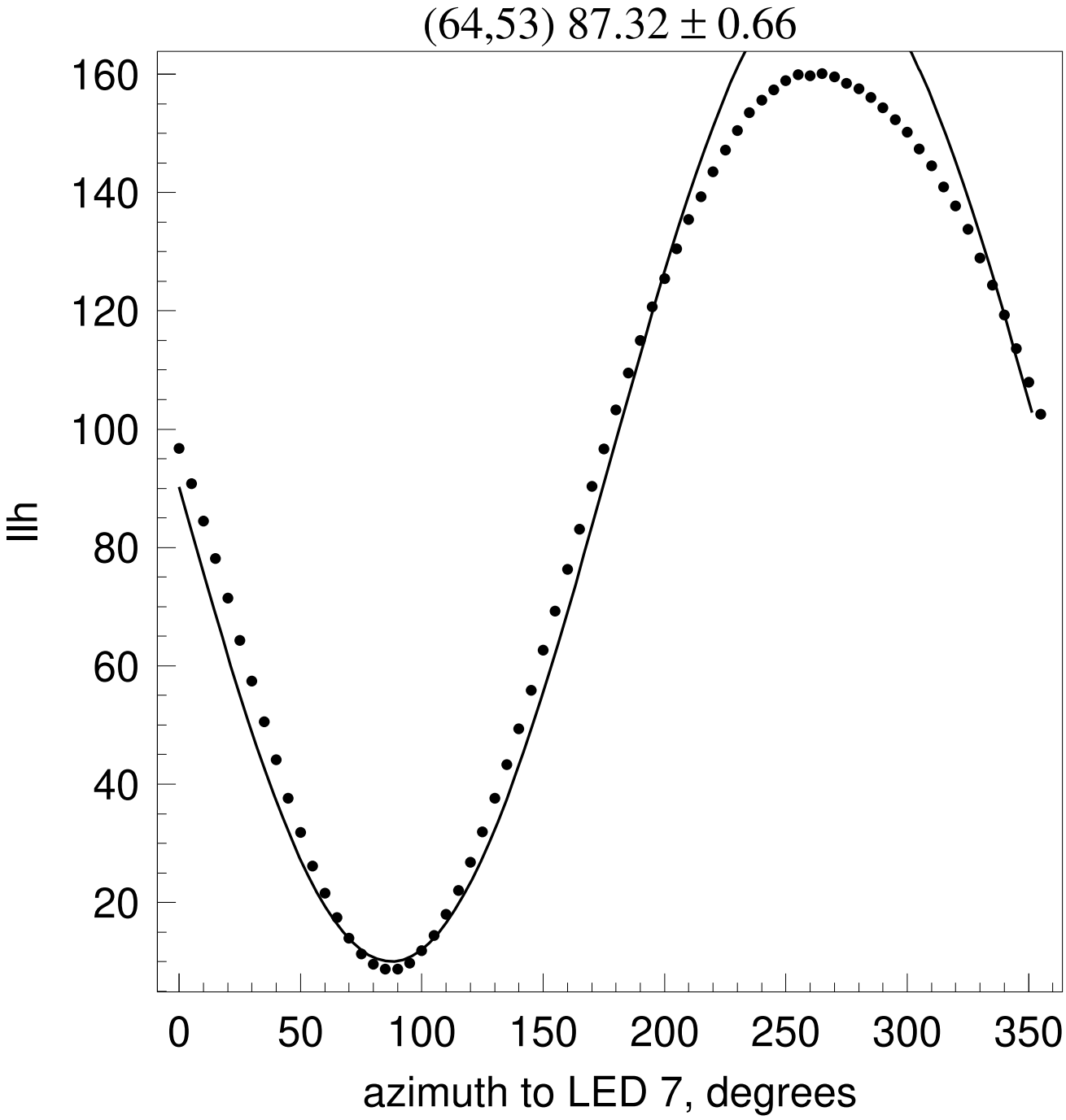

(64,48) 171.36 ± 0.46
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

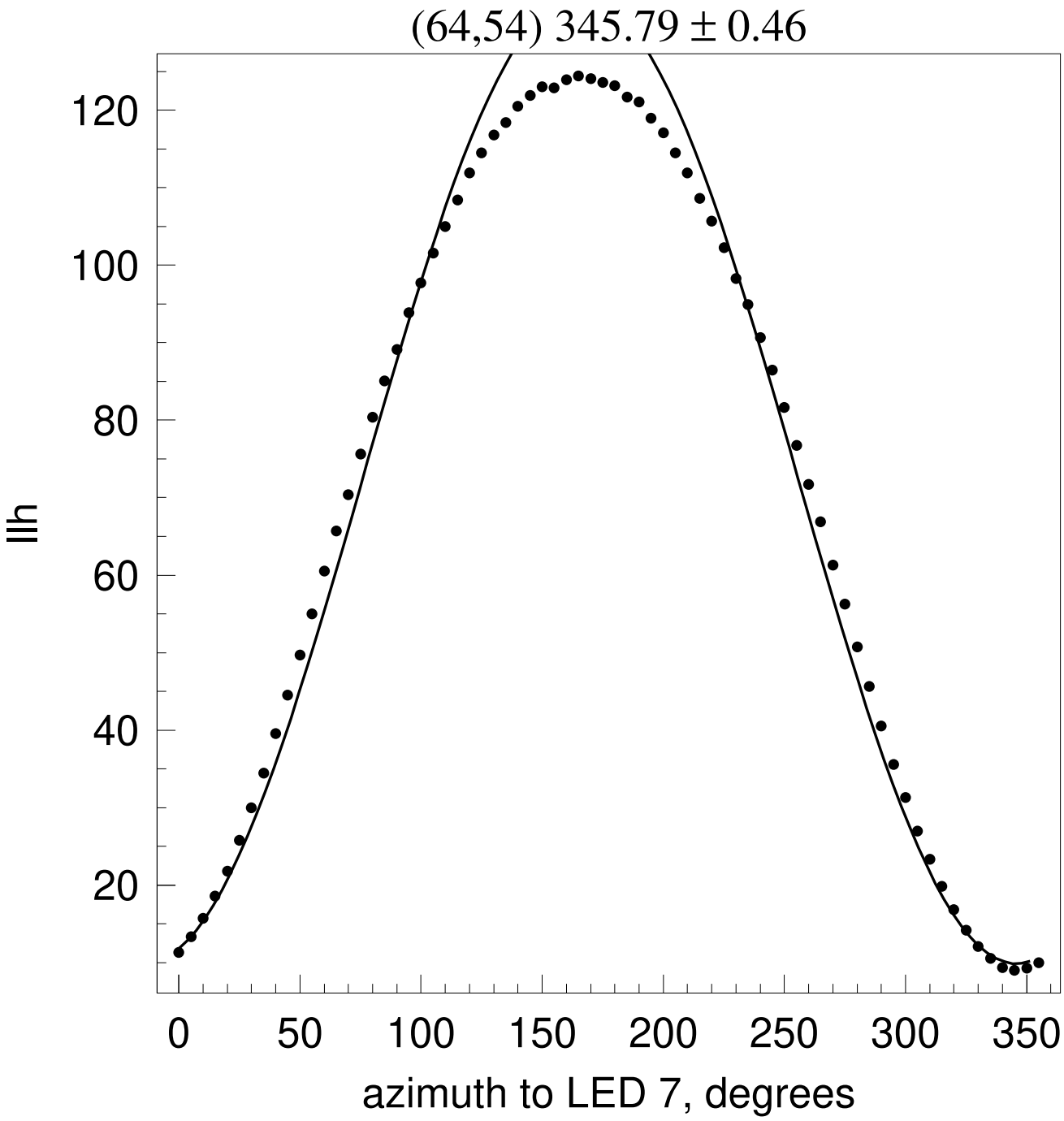

(64,49) 165.10 ± 0.57
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

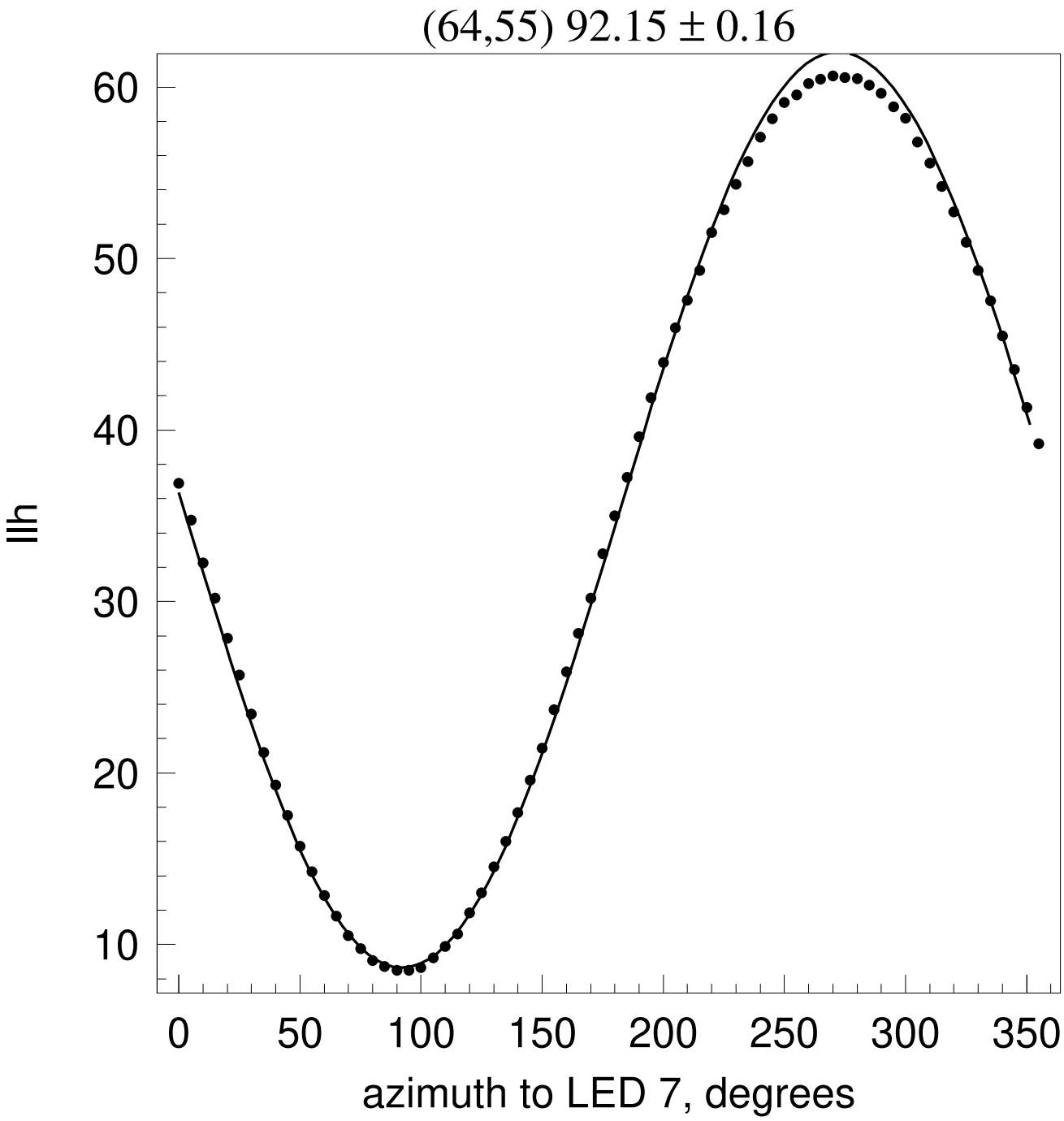

(64,50) 358.64 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

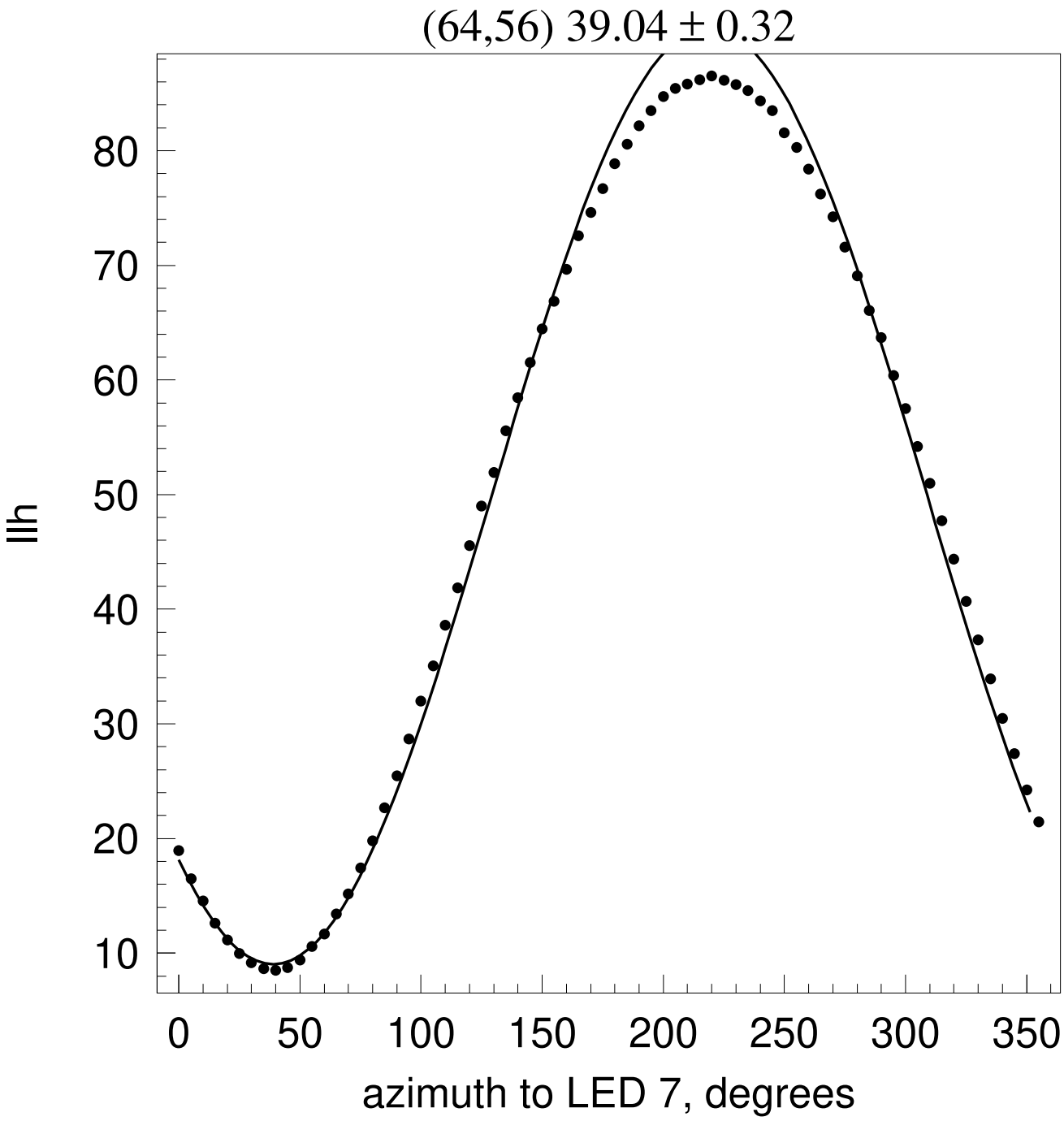

(64,51) 176.71 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

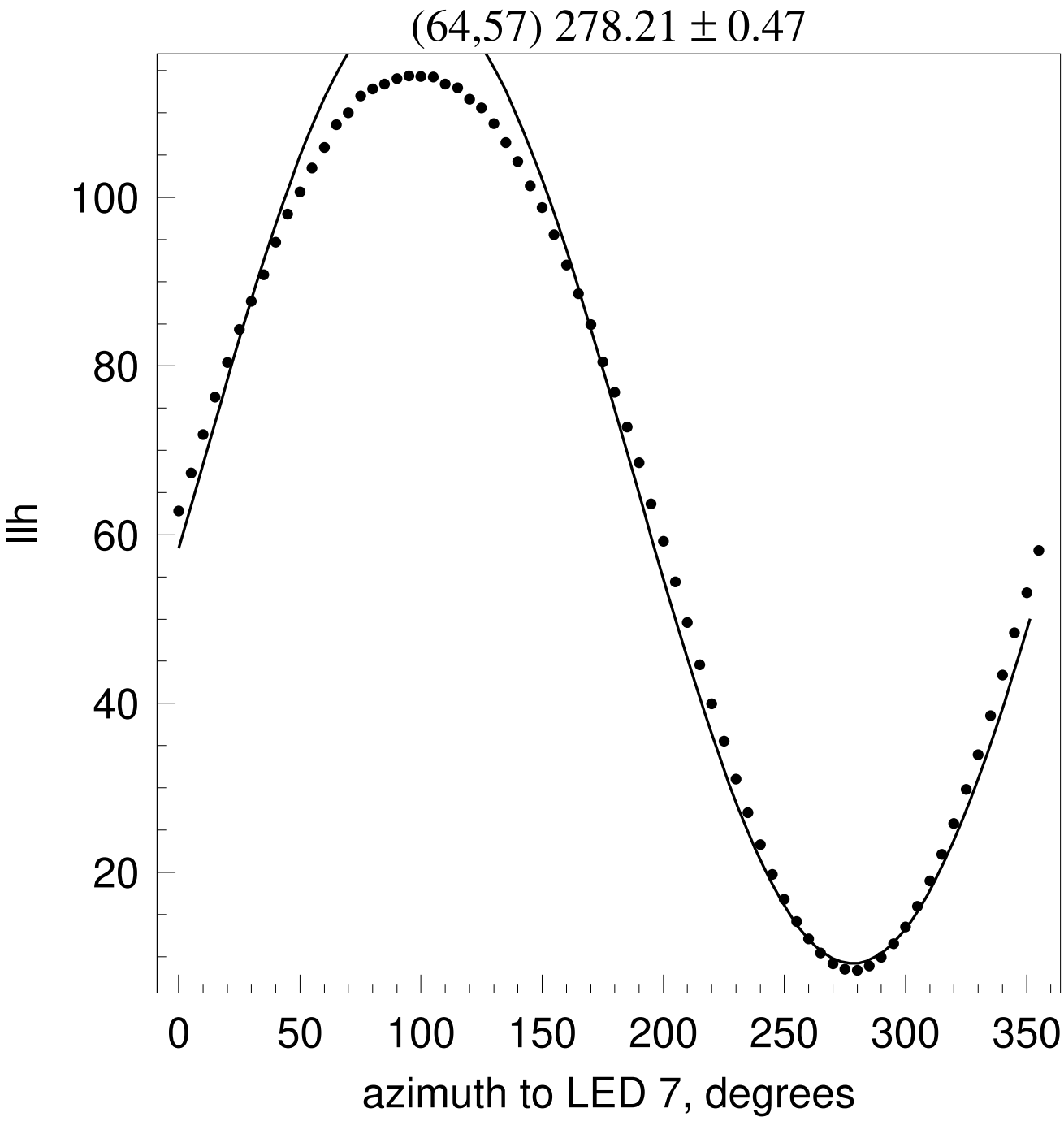

(64,52) 153.35 ± 0.76
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

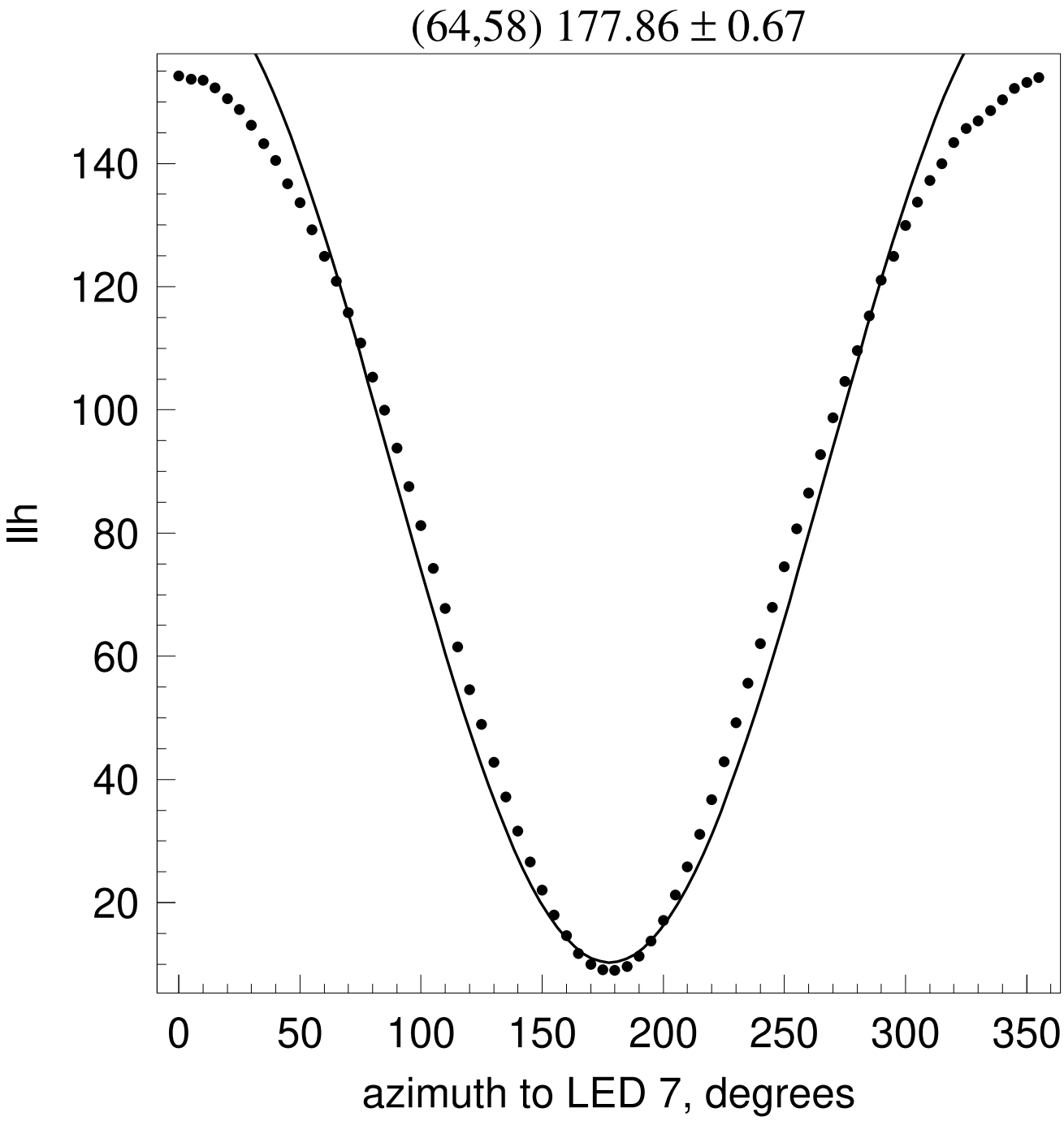

(64,53) 87.32 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

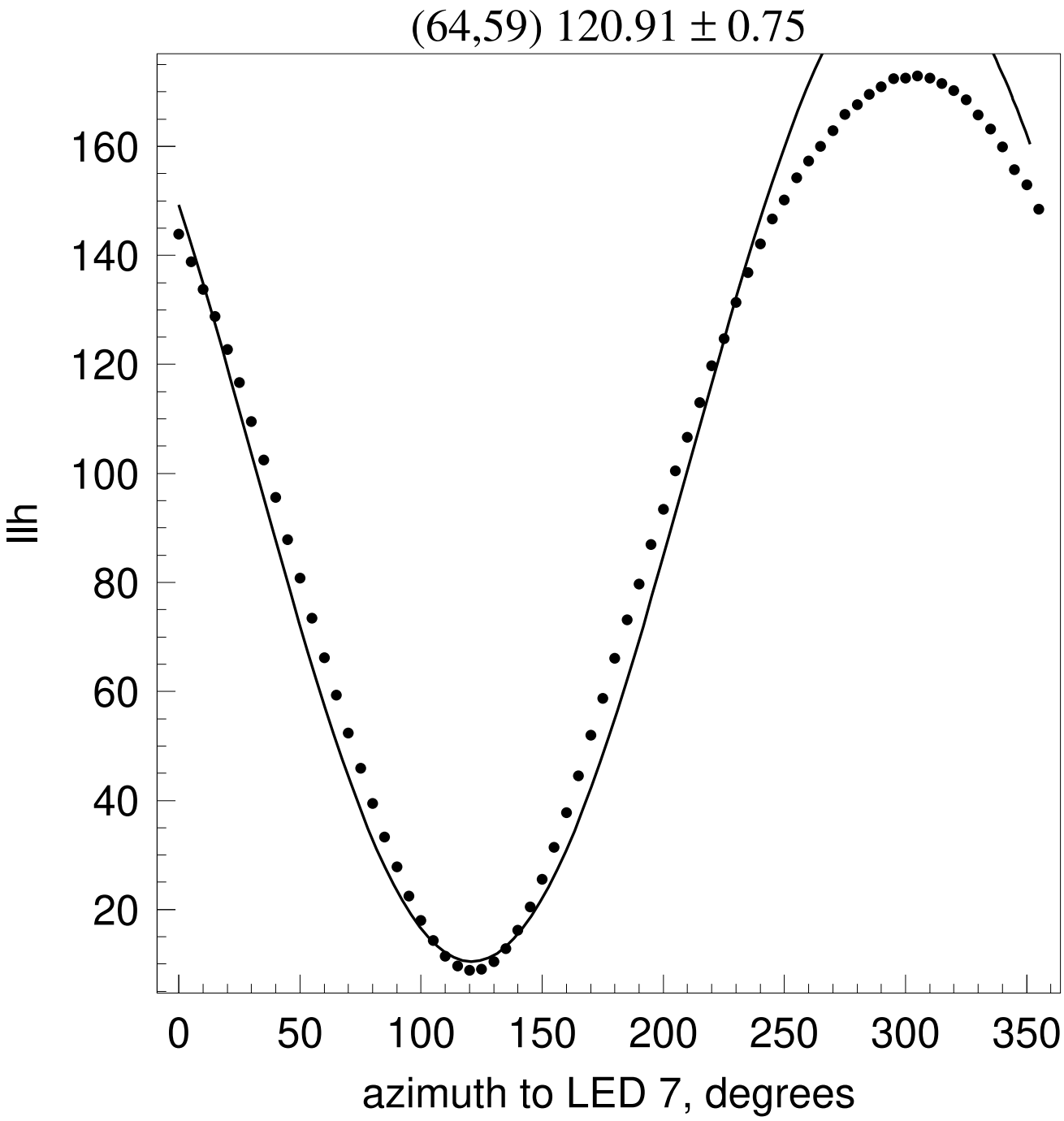

(64,54) 345.79 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

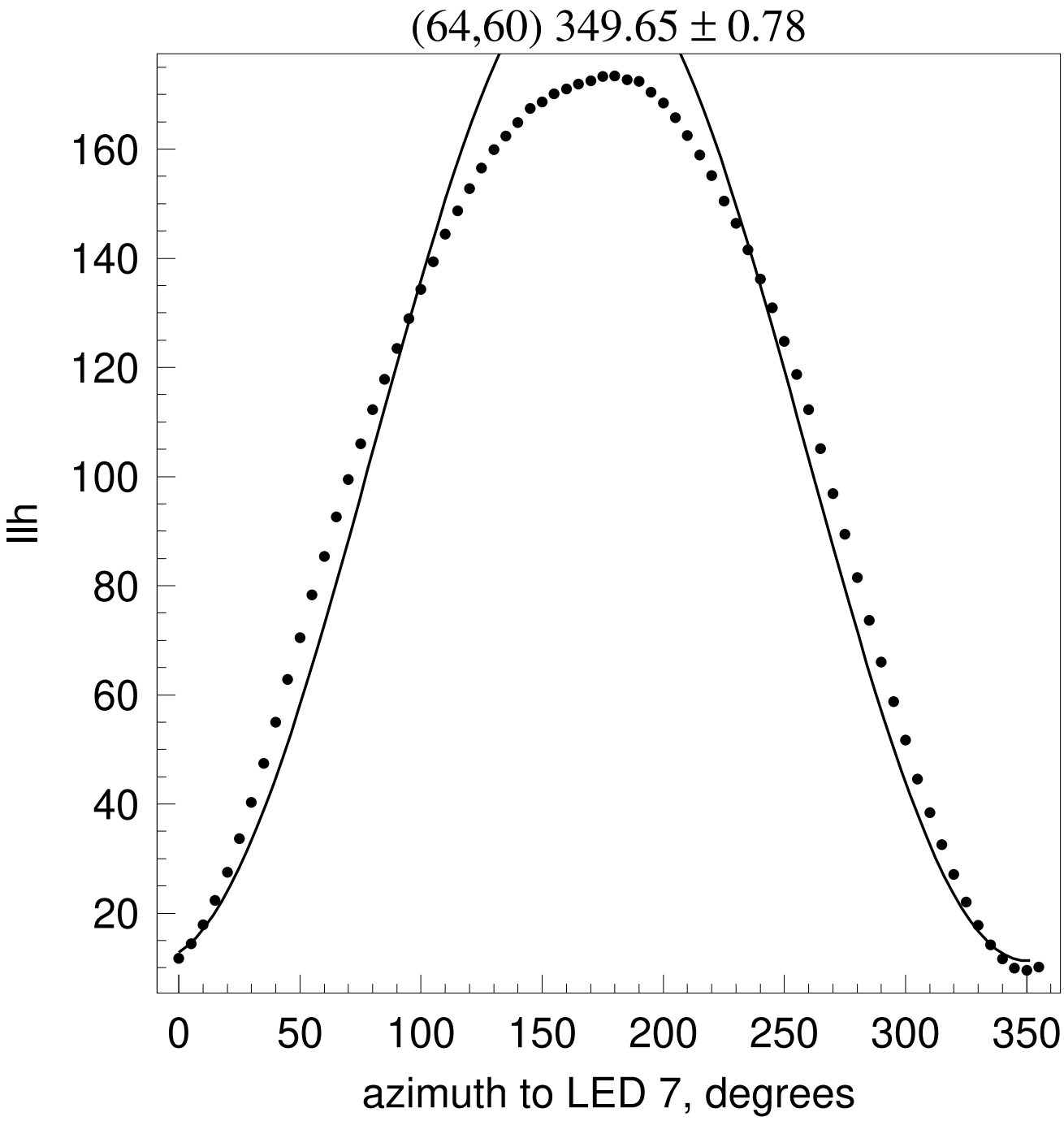

(64,55) 92.15 ± 0.16
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

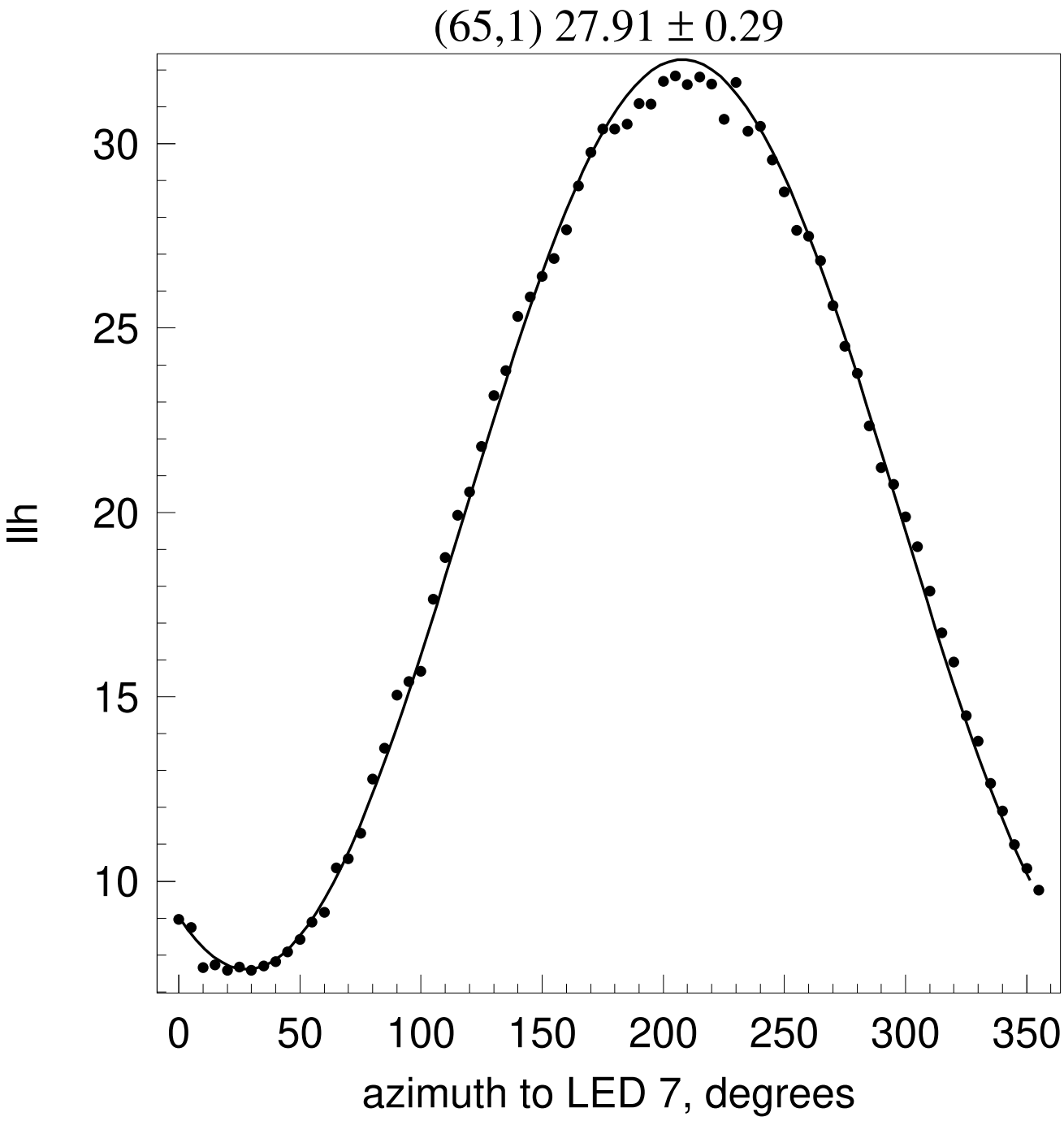

(64,56) 39.04 ± 0.32
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

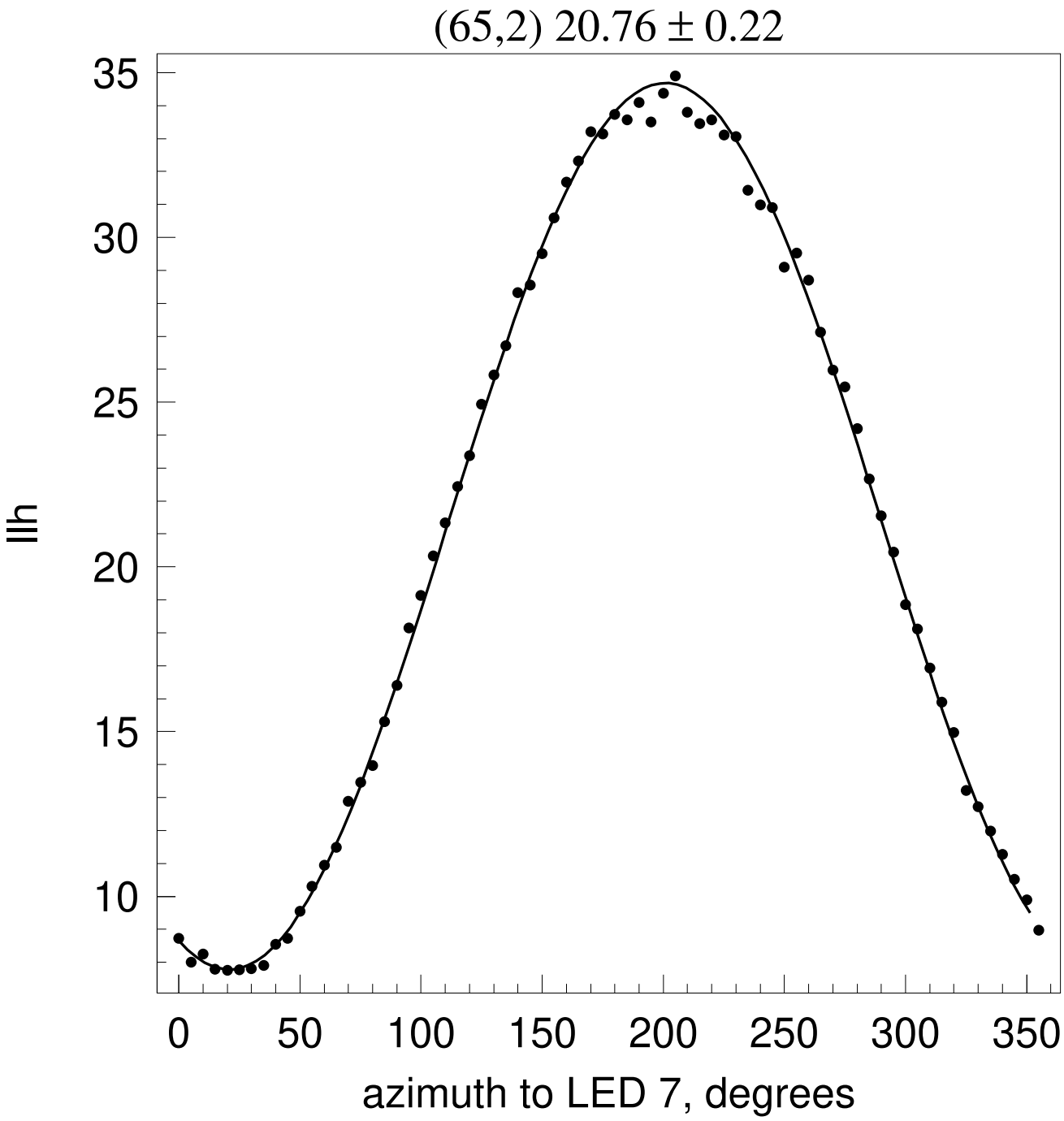

(64,57) 278.21 ± 0.47
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

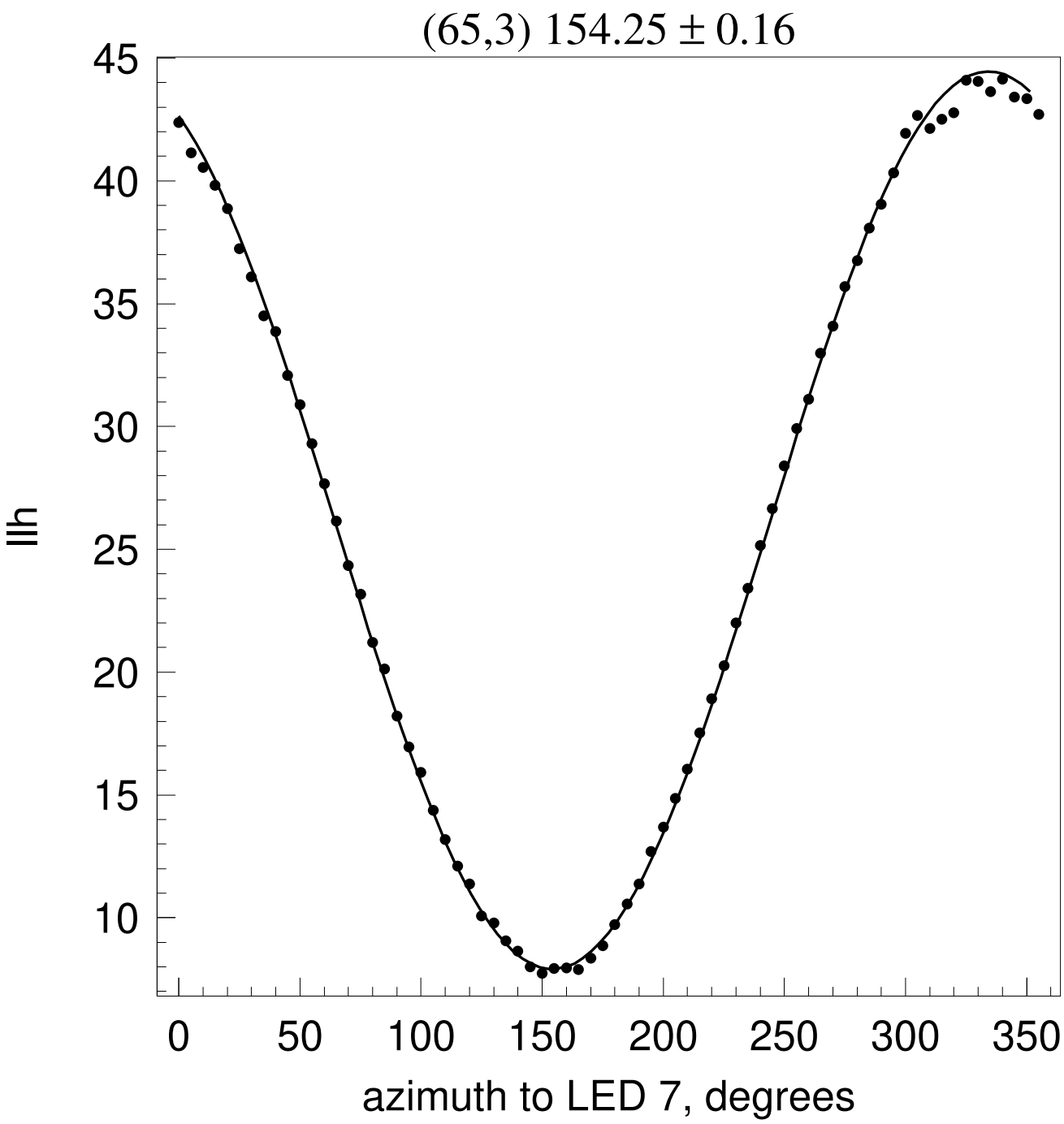

(64,58) 177.86 ± 0.67
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

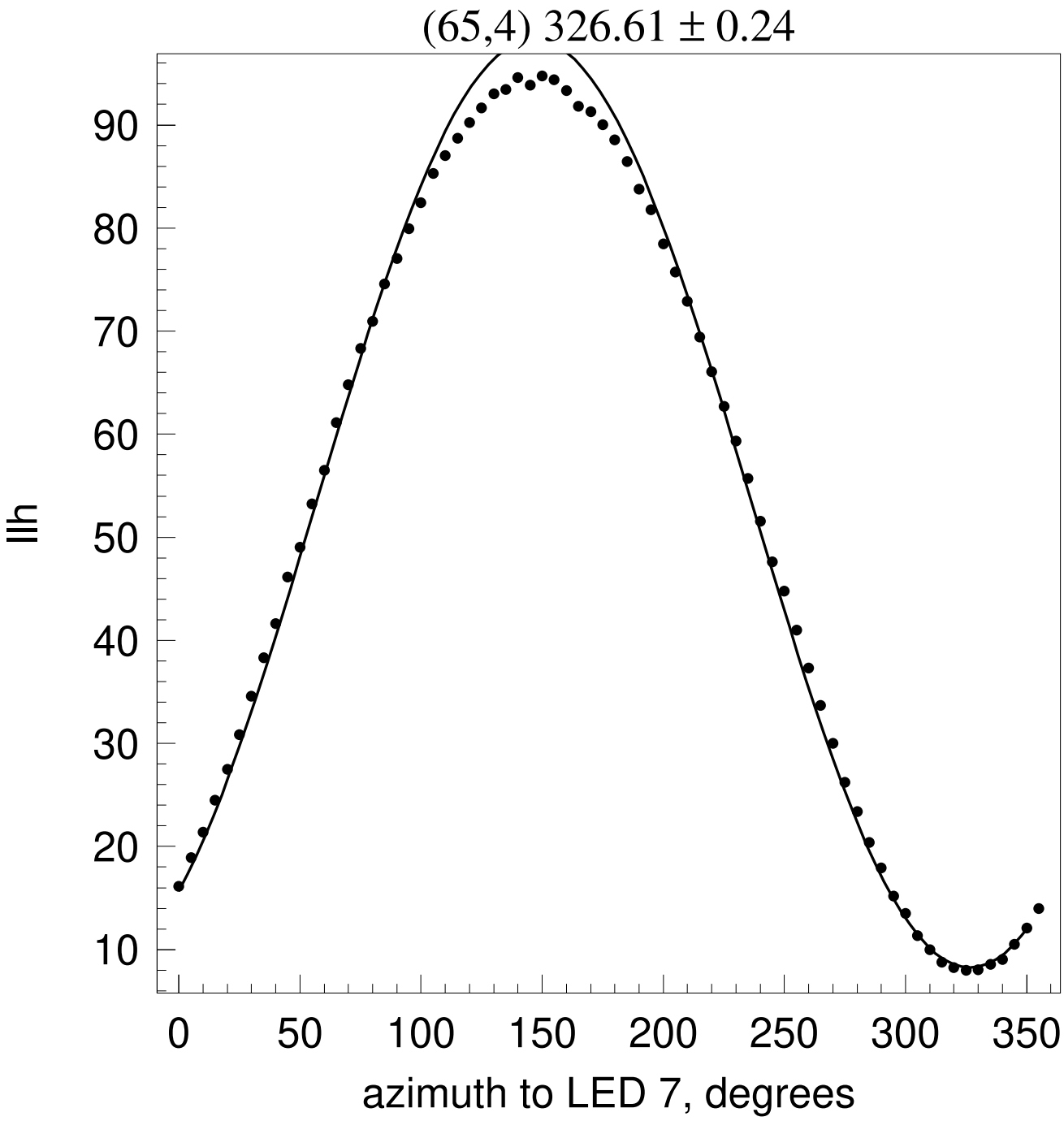

(64,59) 120.91 ± 0.75
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

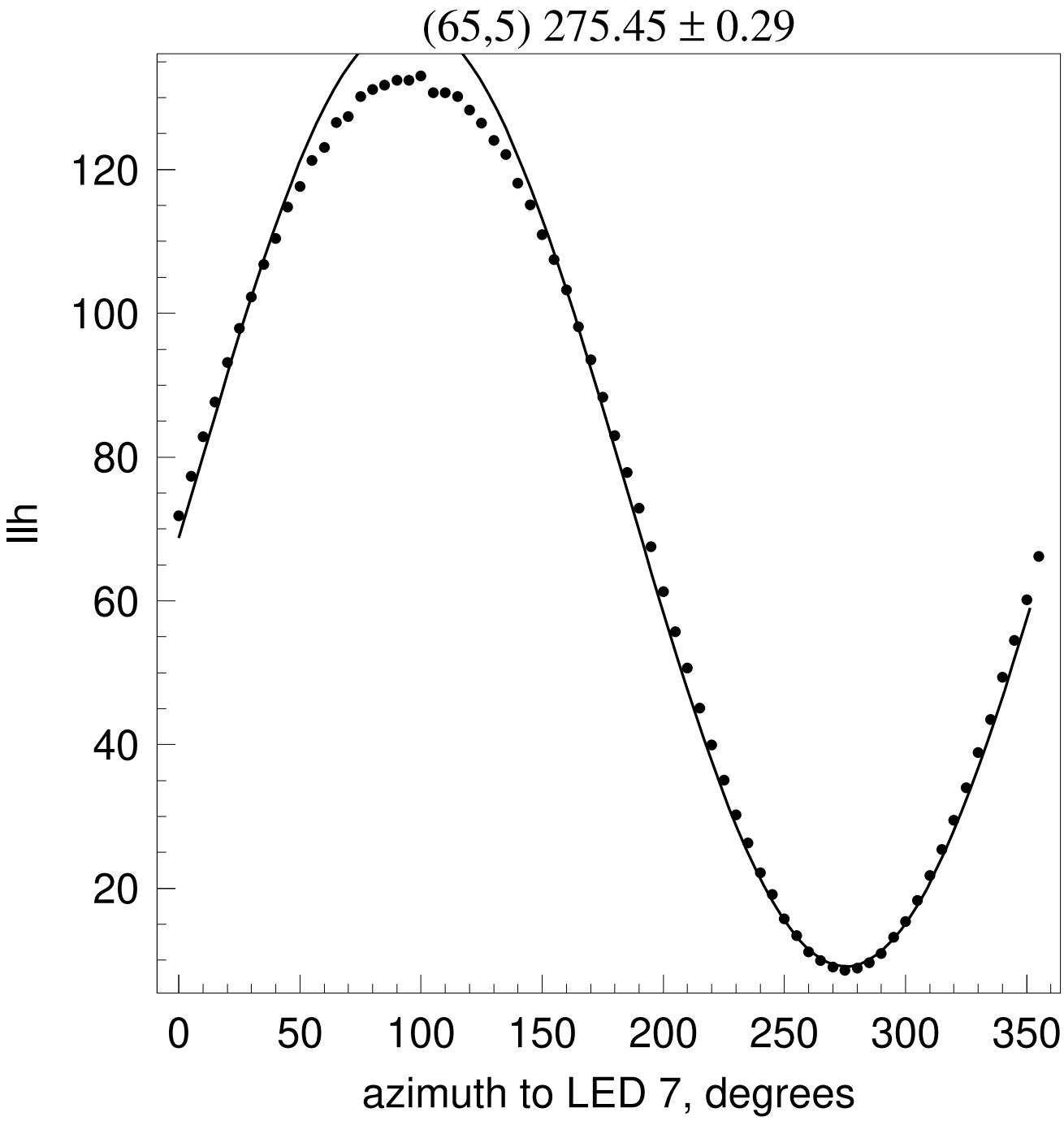

(64,60) 349.65 ± 0.78
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

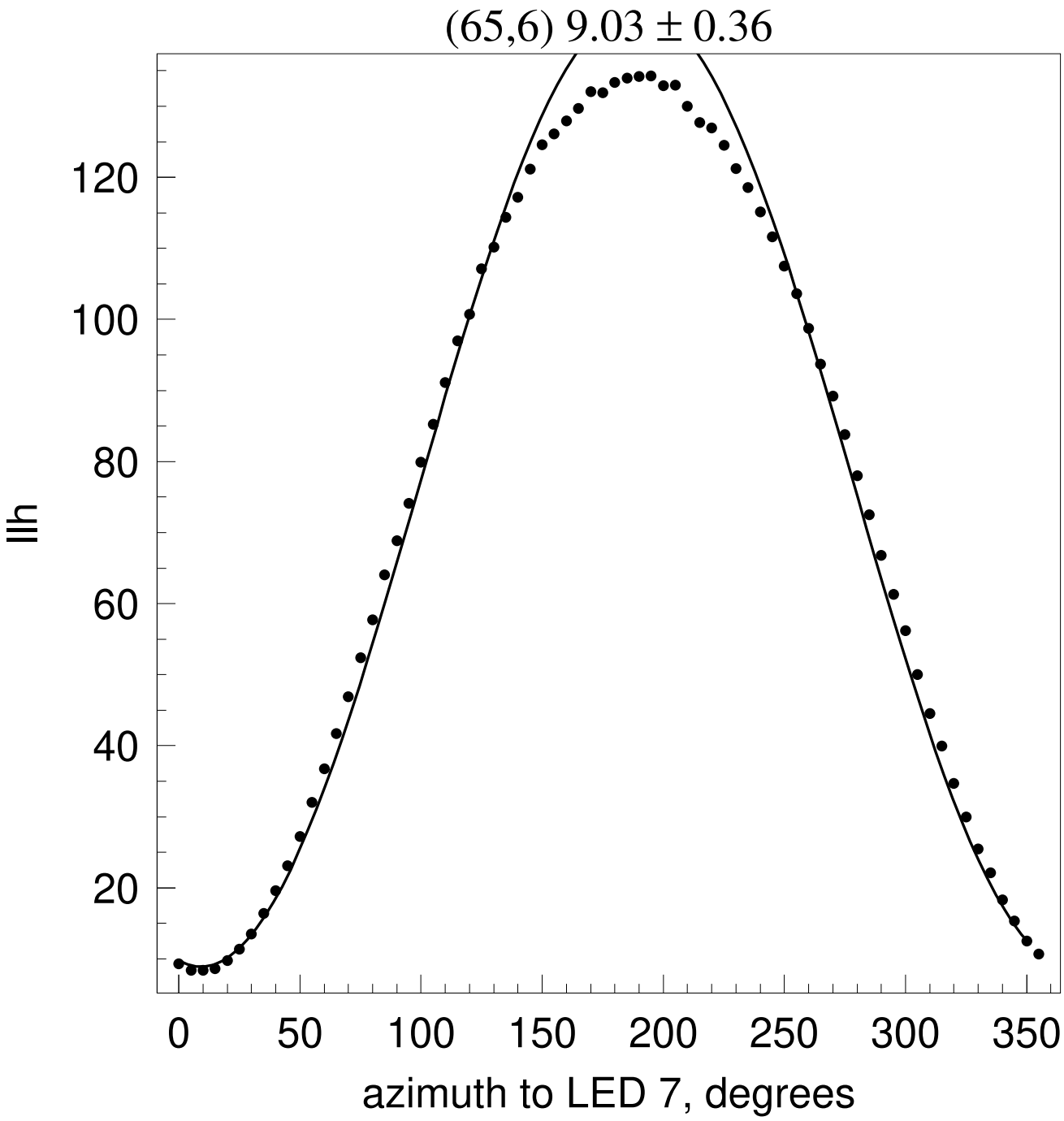

(65,1) 27.91 ± 0.29
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

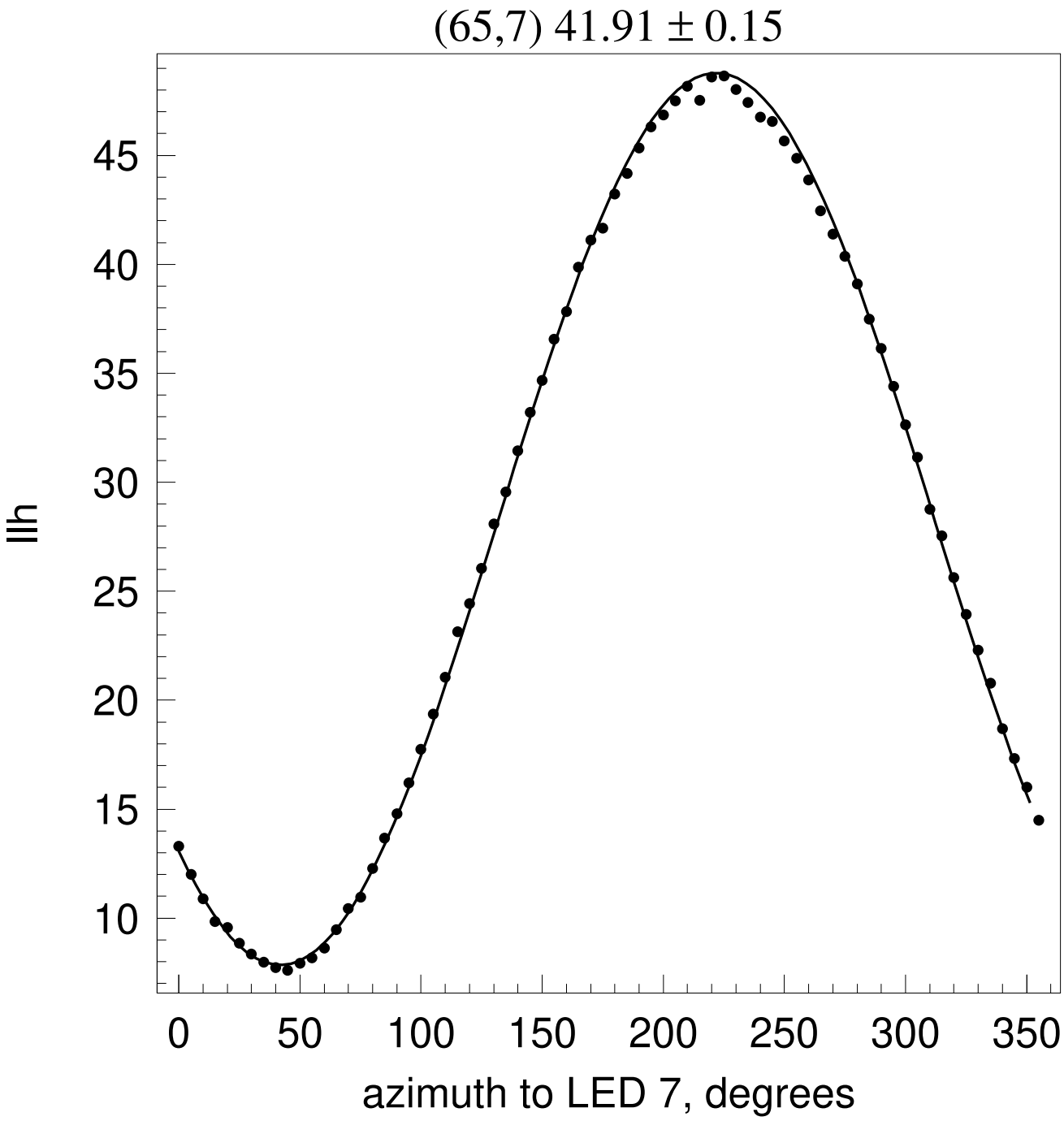

(65,2) 20.76 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

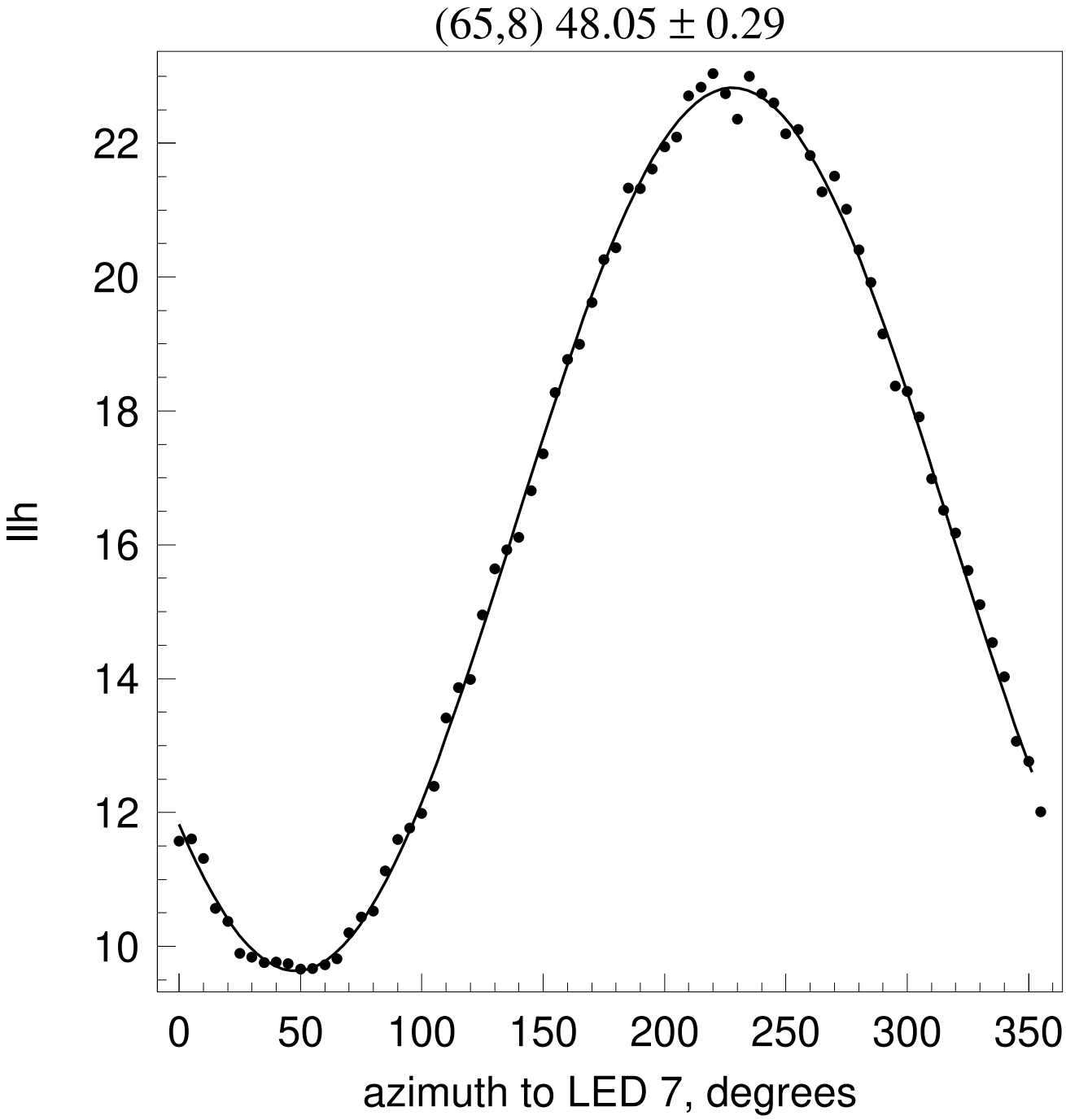

(65,3) 154.25 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

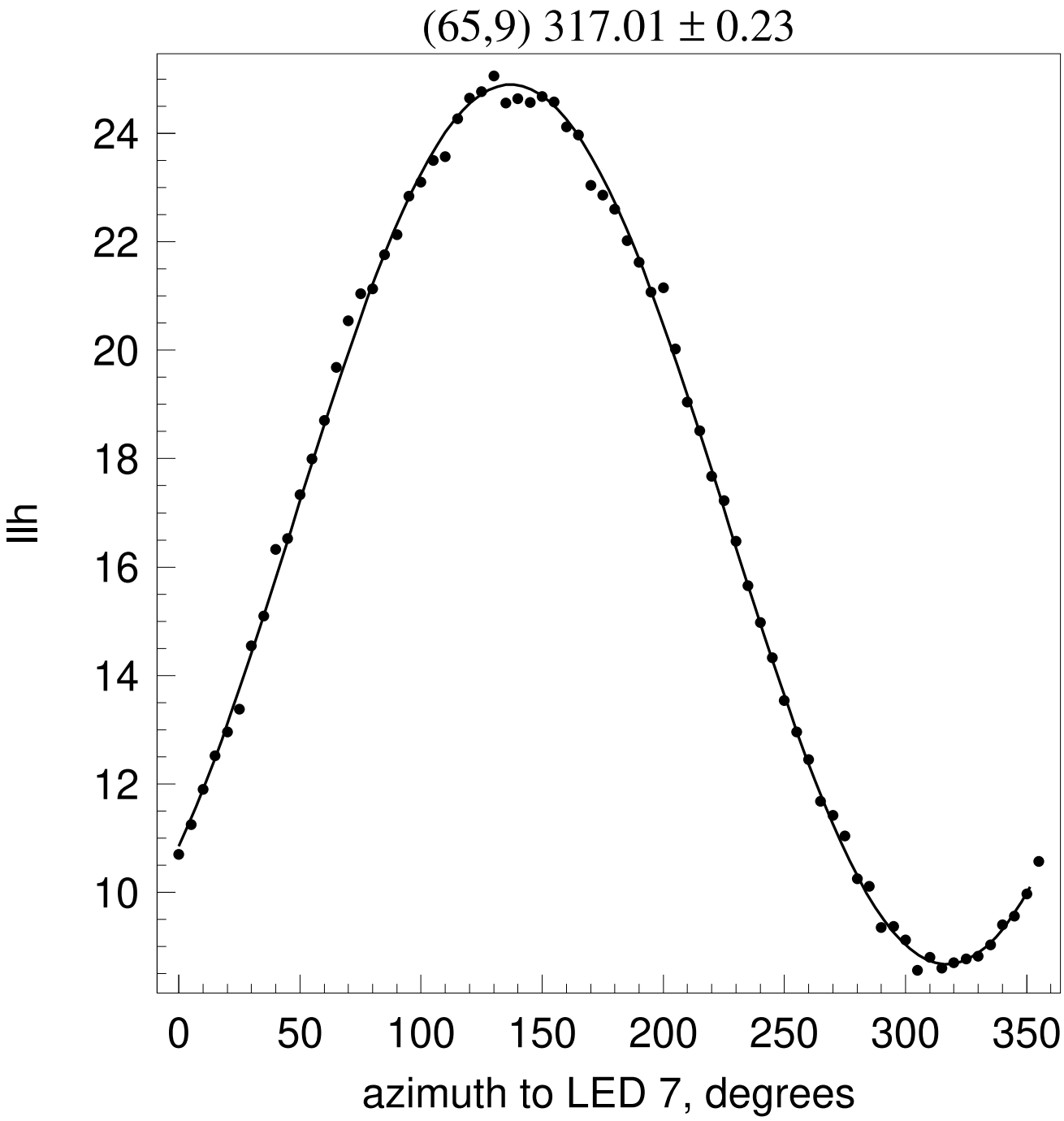

(65,4) 326.61 ± 0.24
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

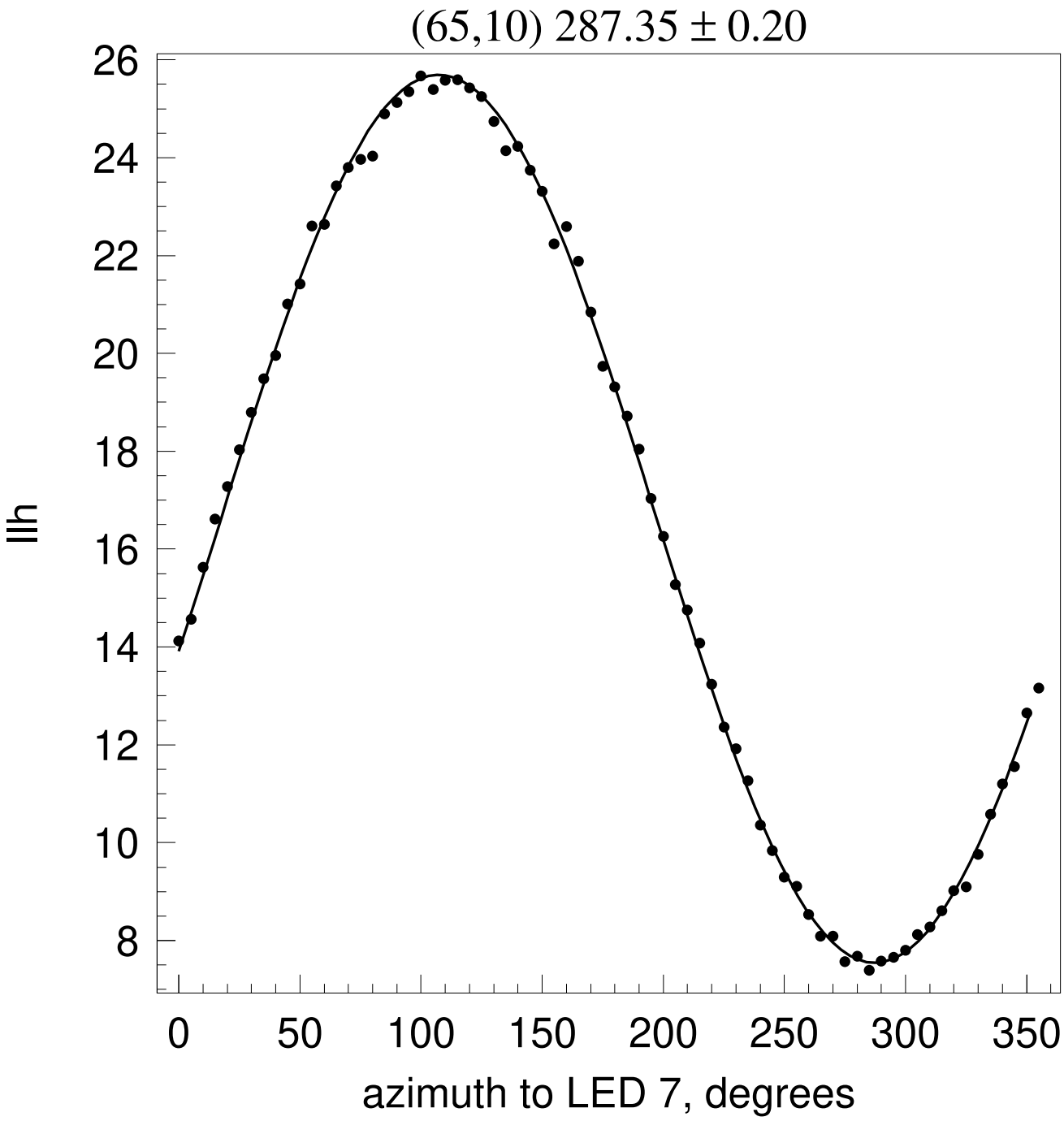

(65,5) 275.45 ± 0.29
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

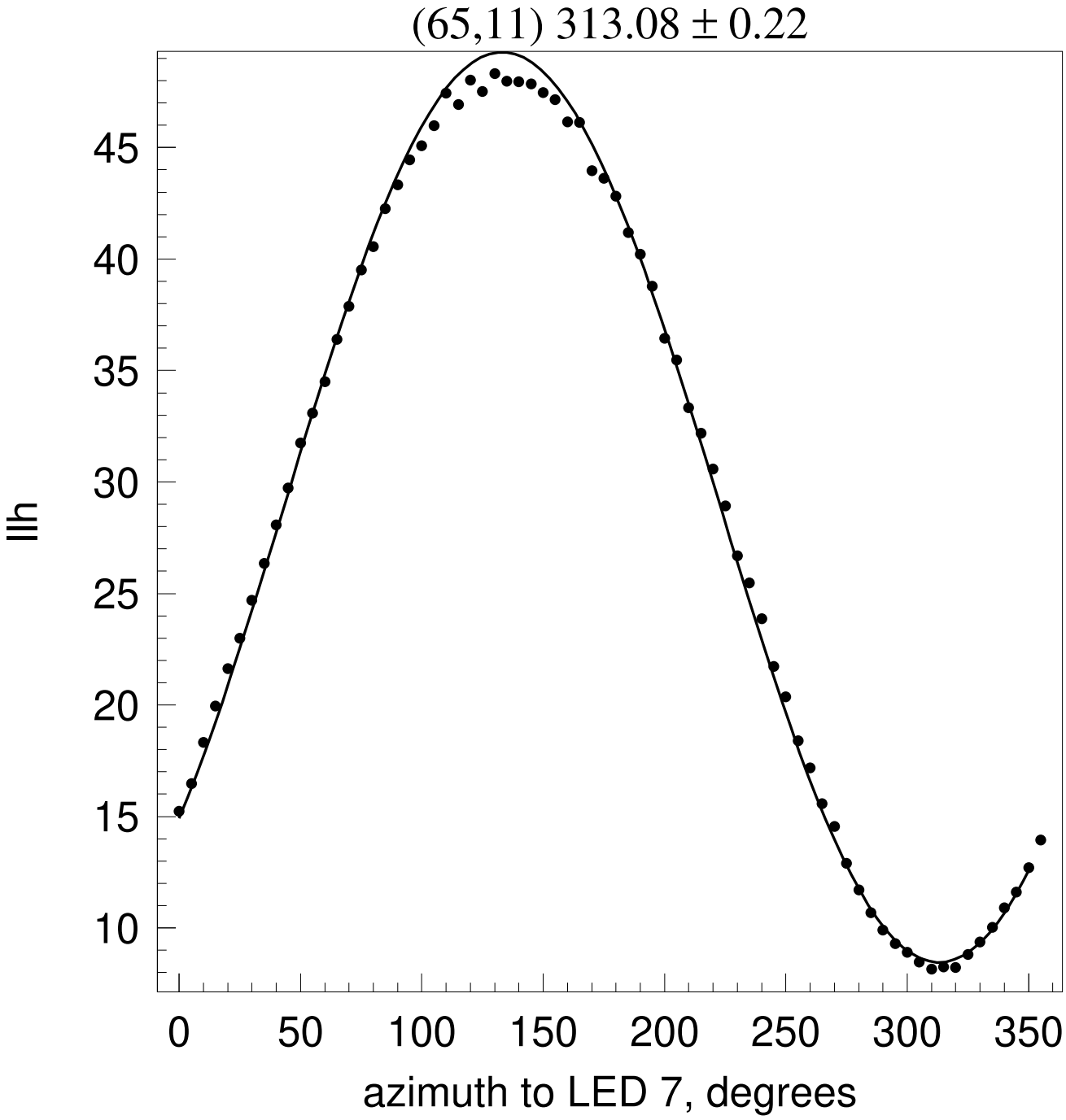

(65,6) 9.03 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

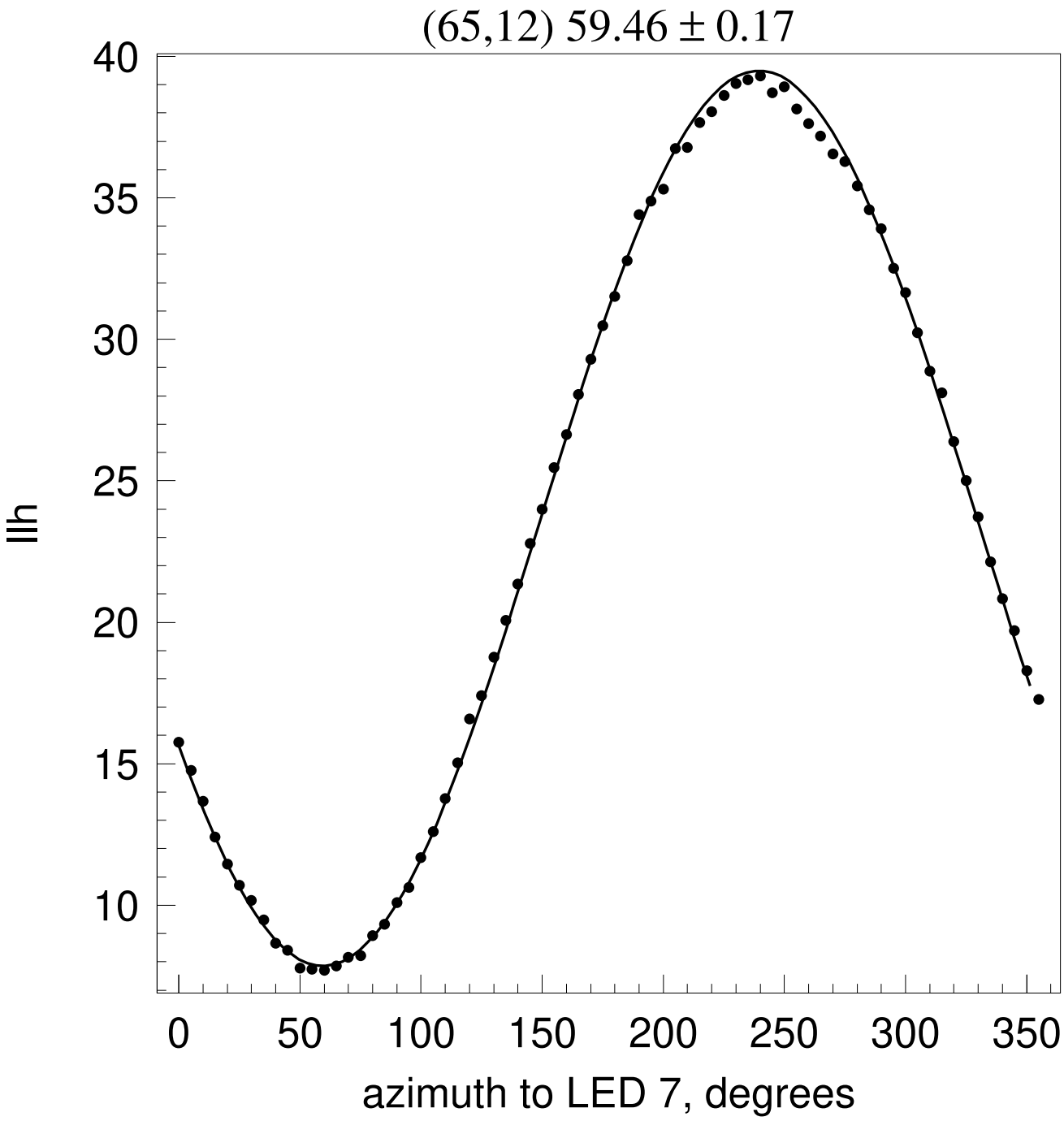

(65,7) 41.91 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

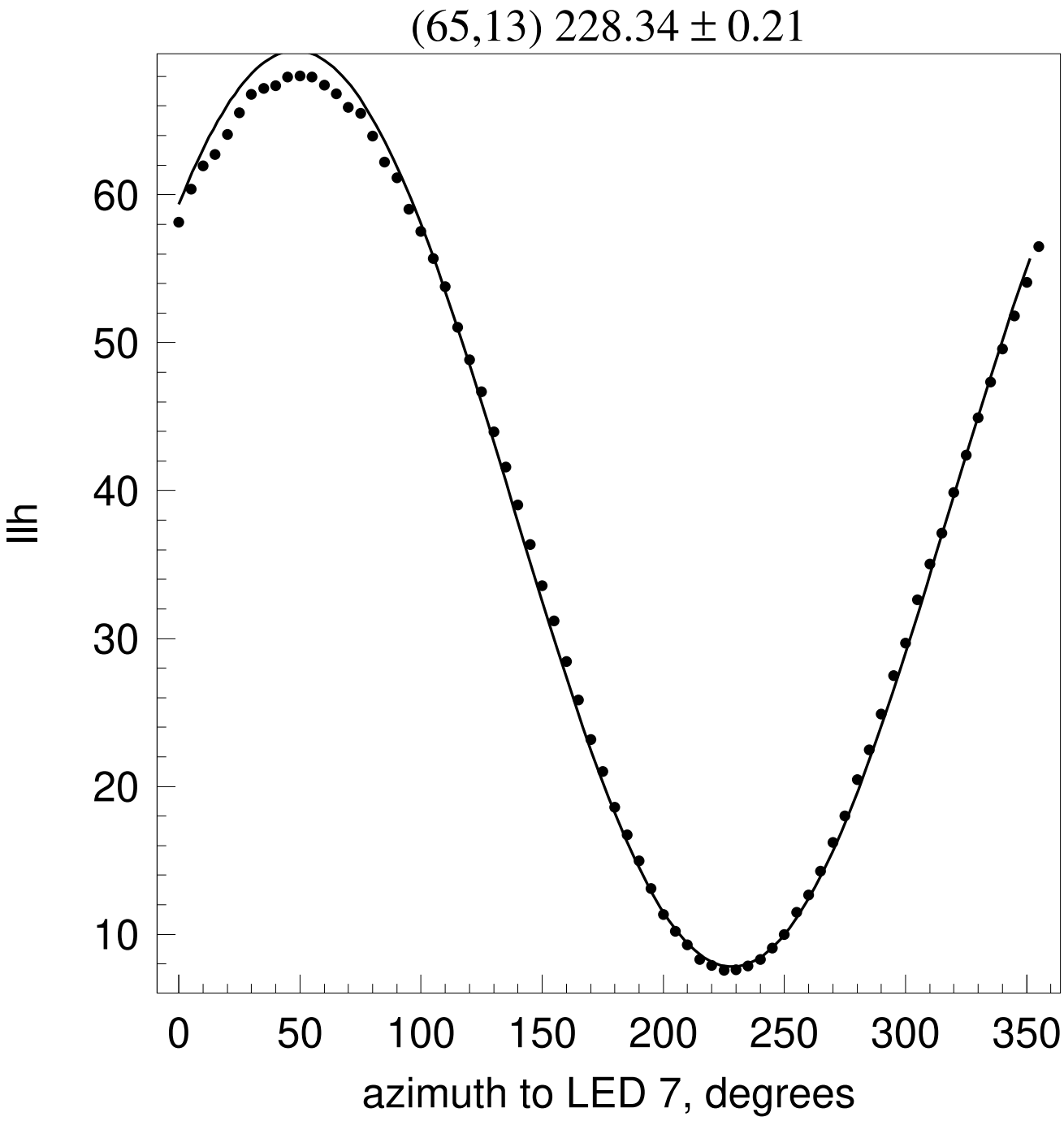

(65,8) 48.05 ± 0.29
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

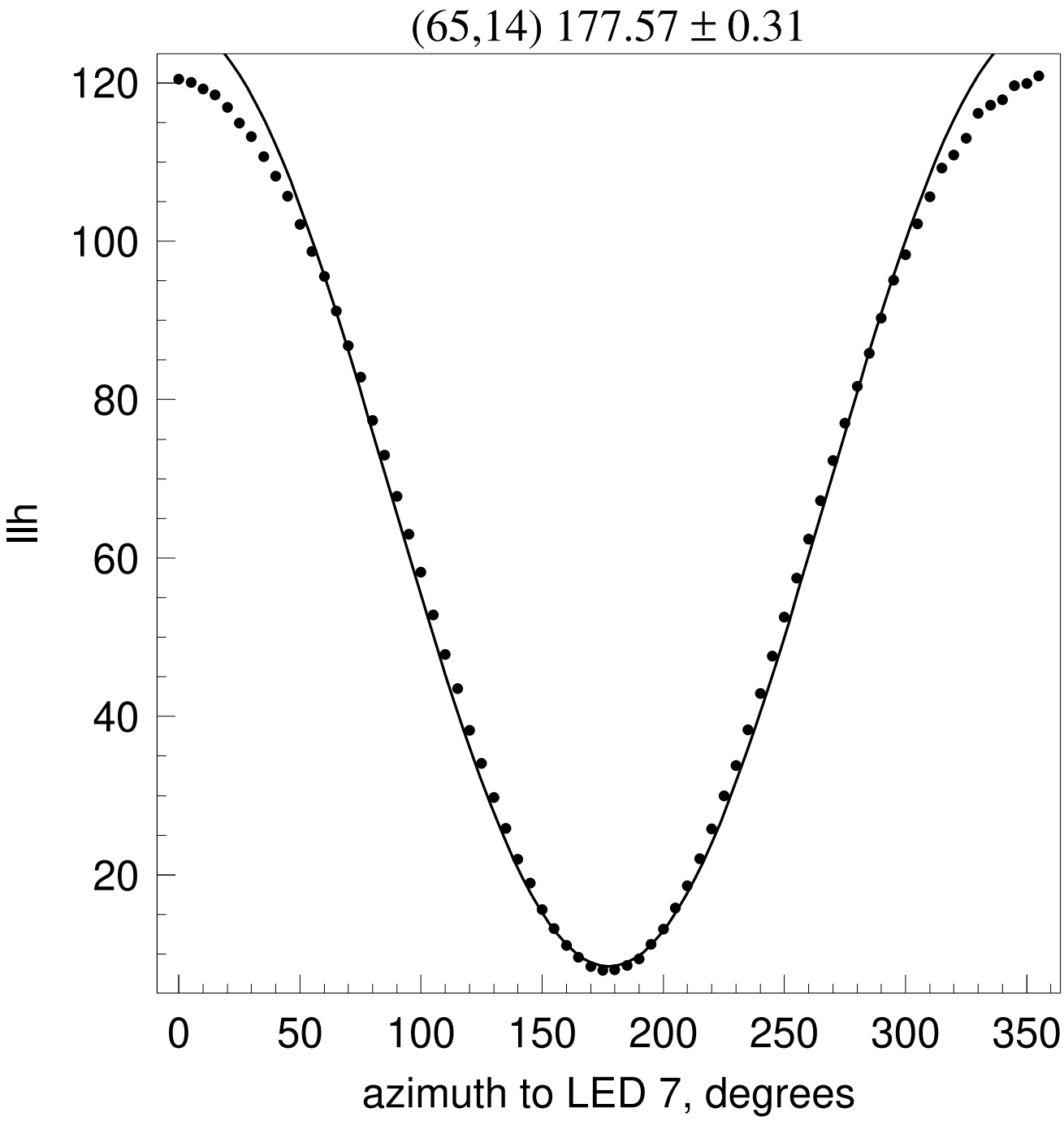

(65,9) 317.01 ± 0.23
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

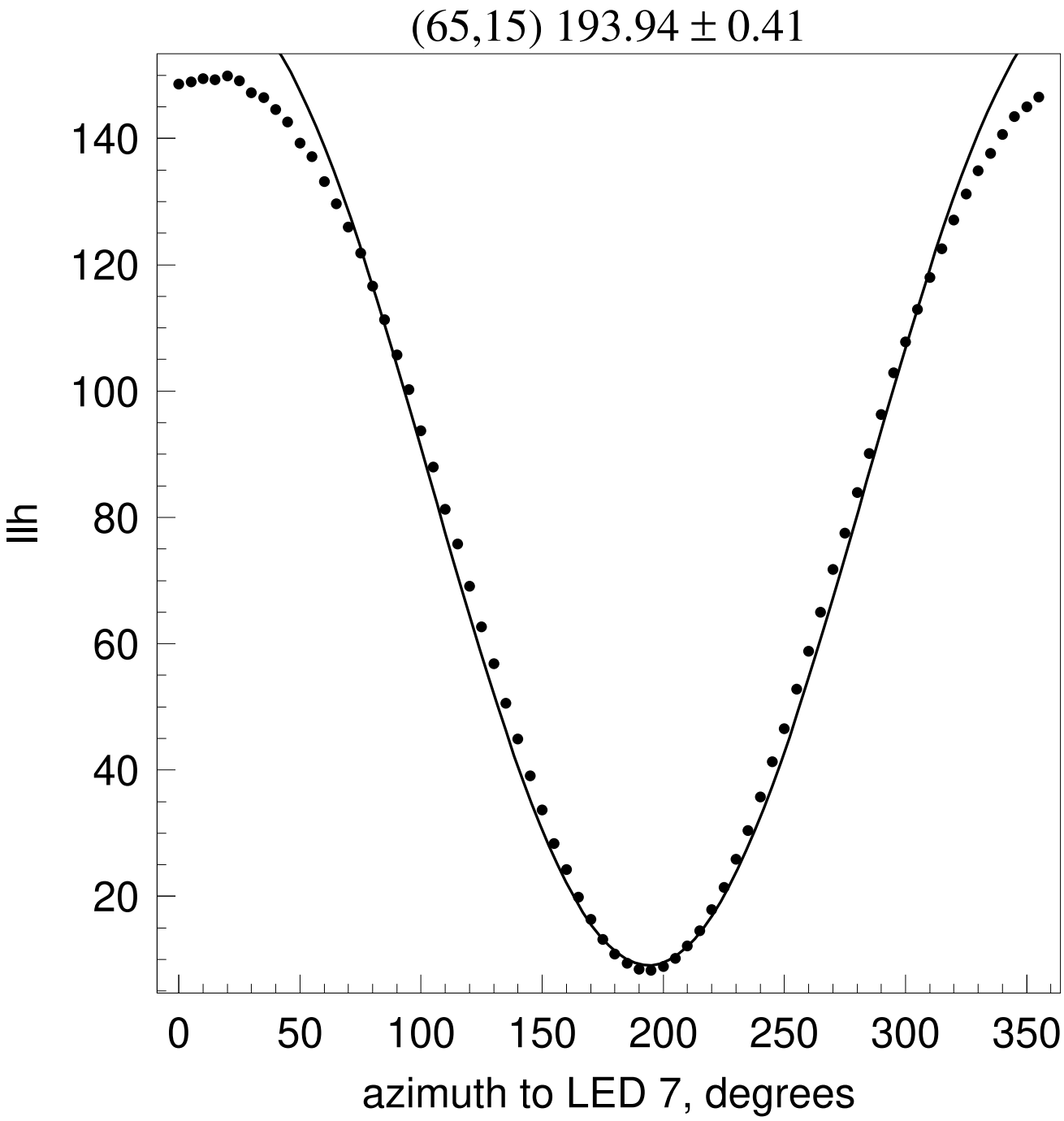

(65,10) 287.35 ± 0.20
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

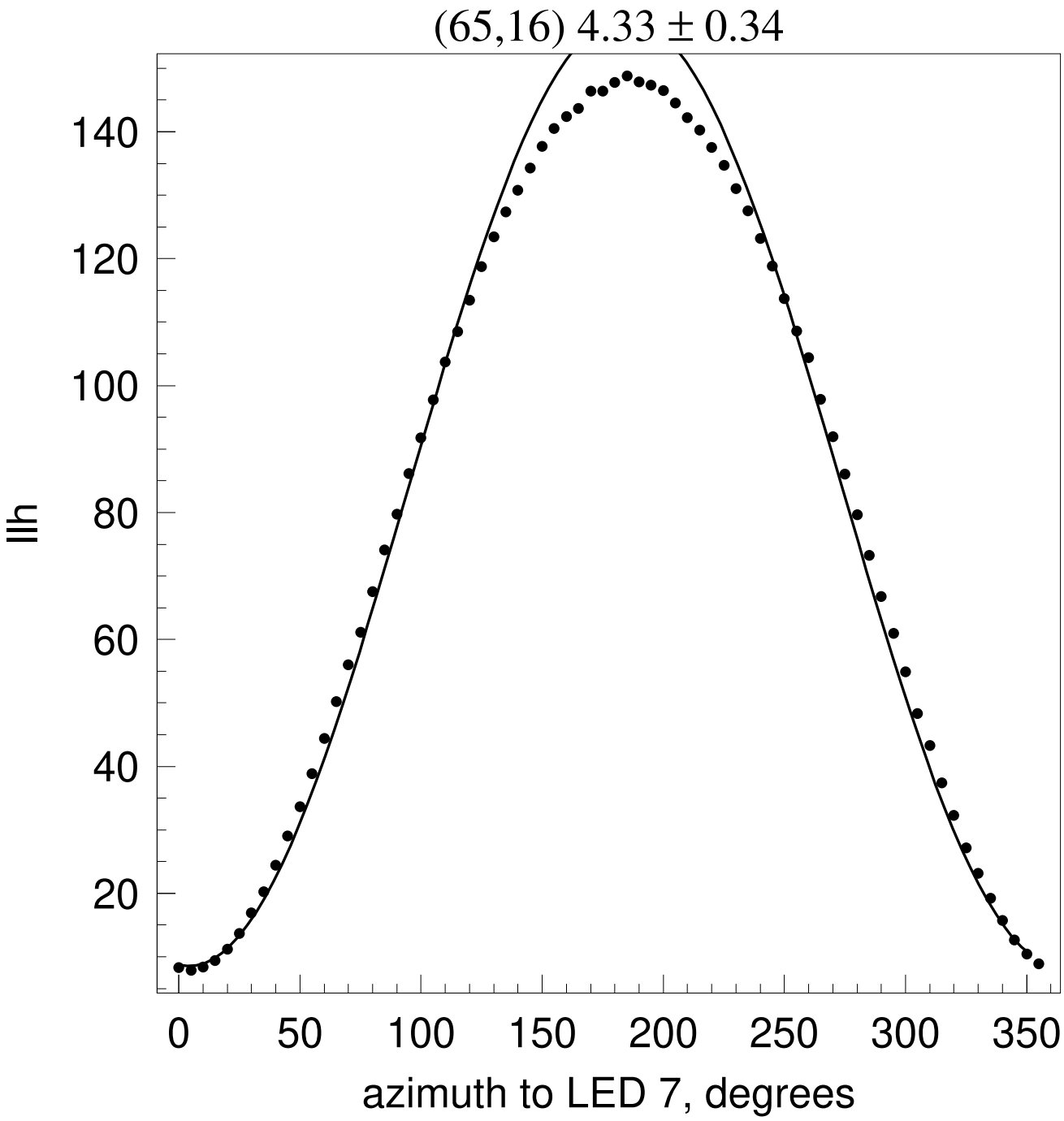

(65,11) 313.08 ± 0.22
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

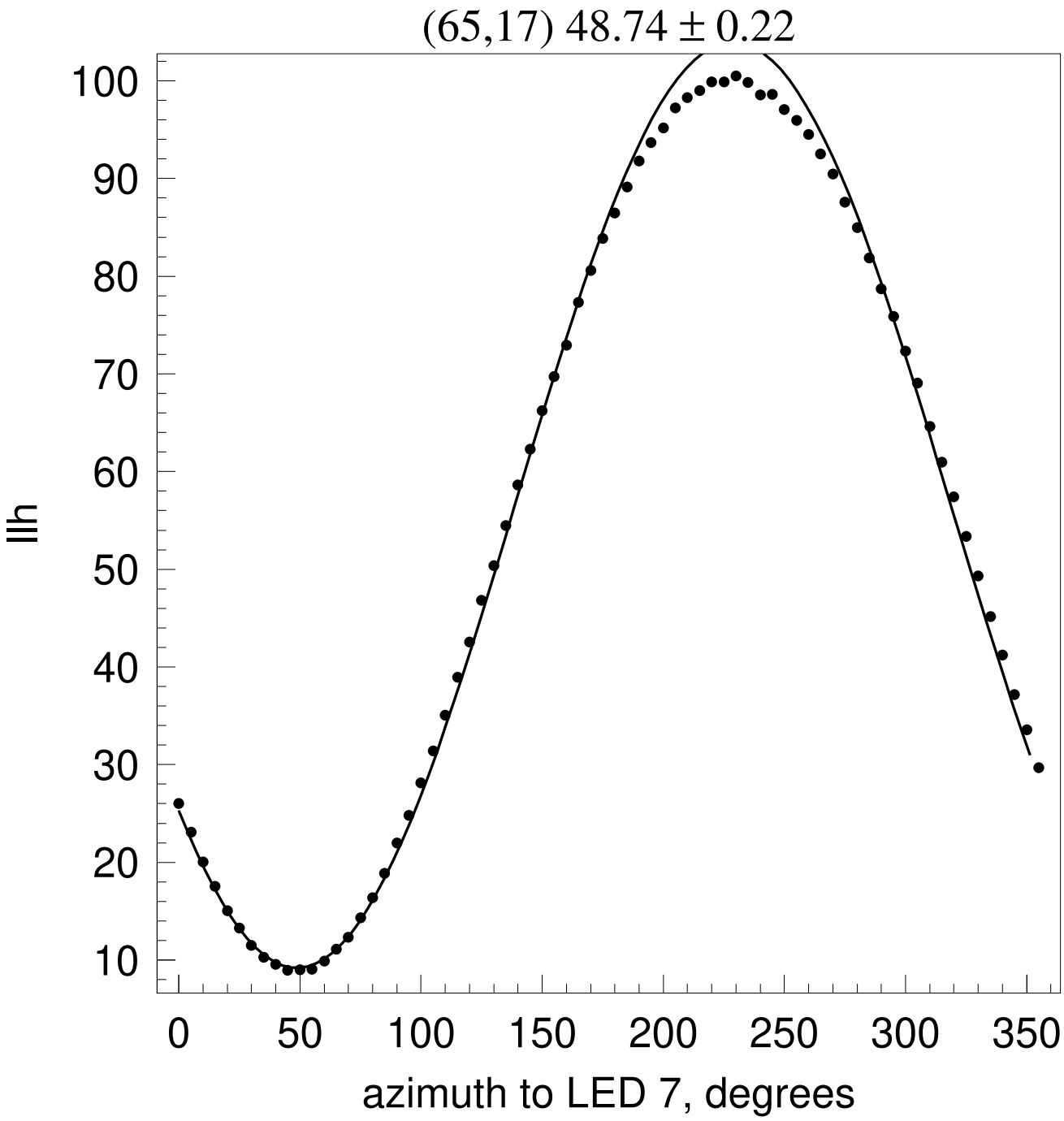

(65,12) 59.46 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

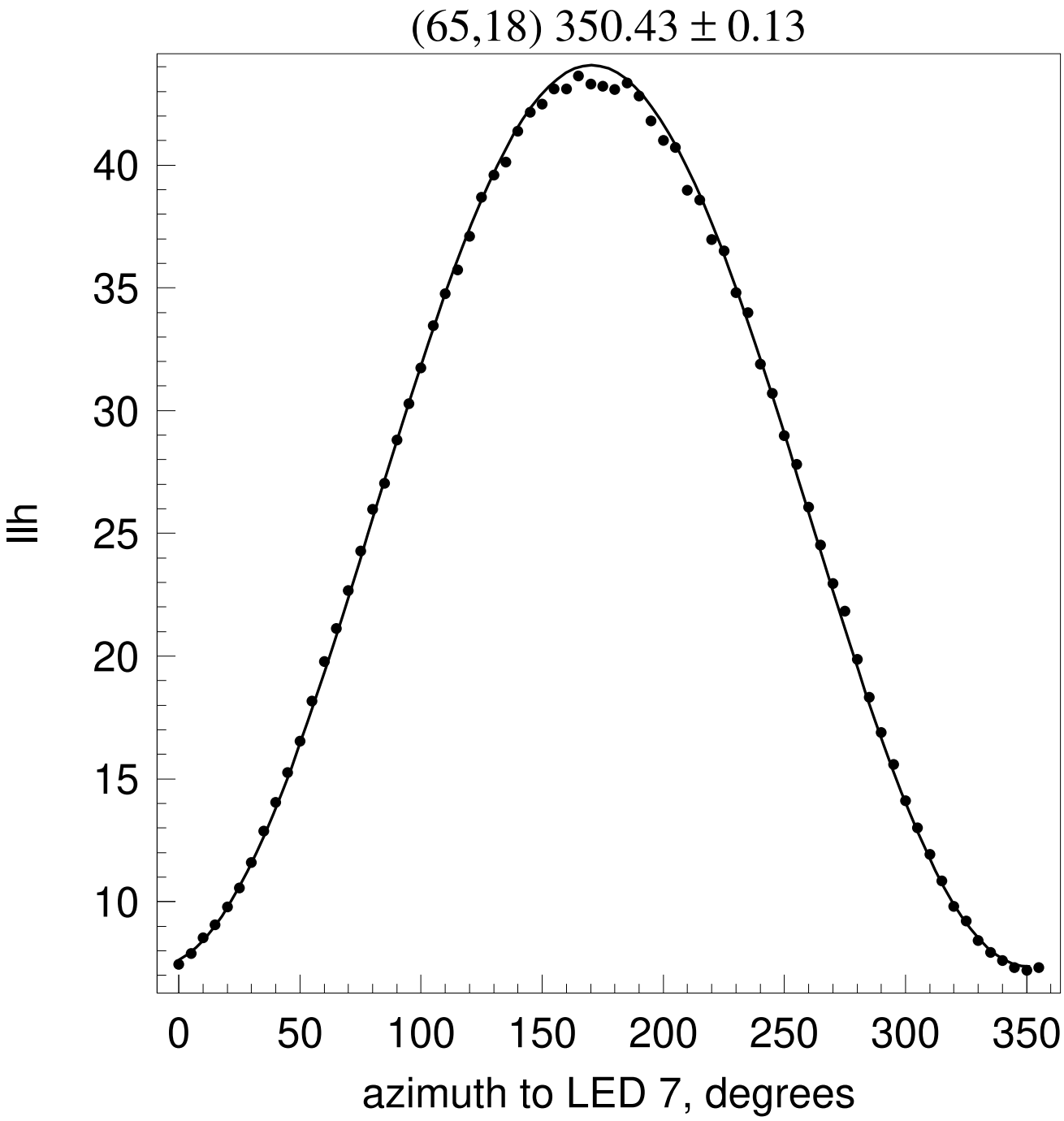

(65,13) 228.34 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

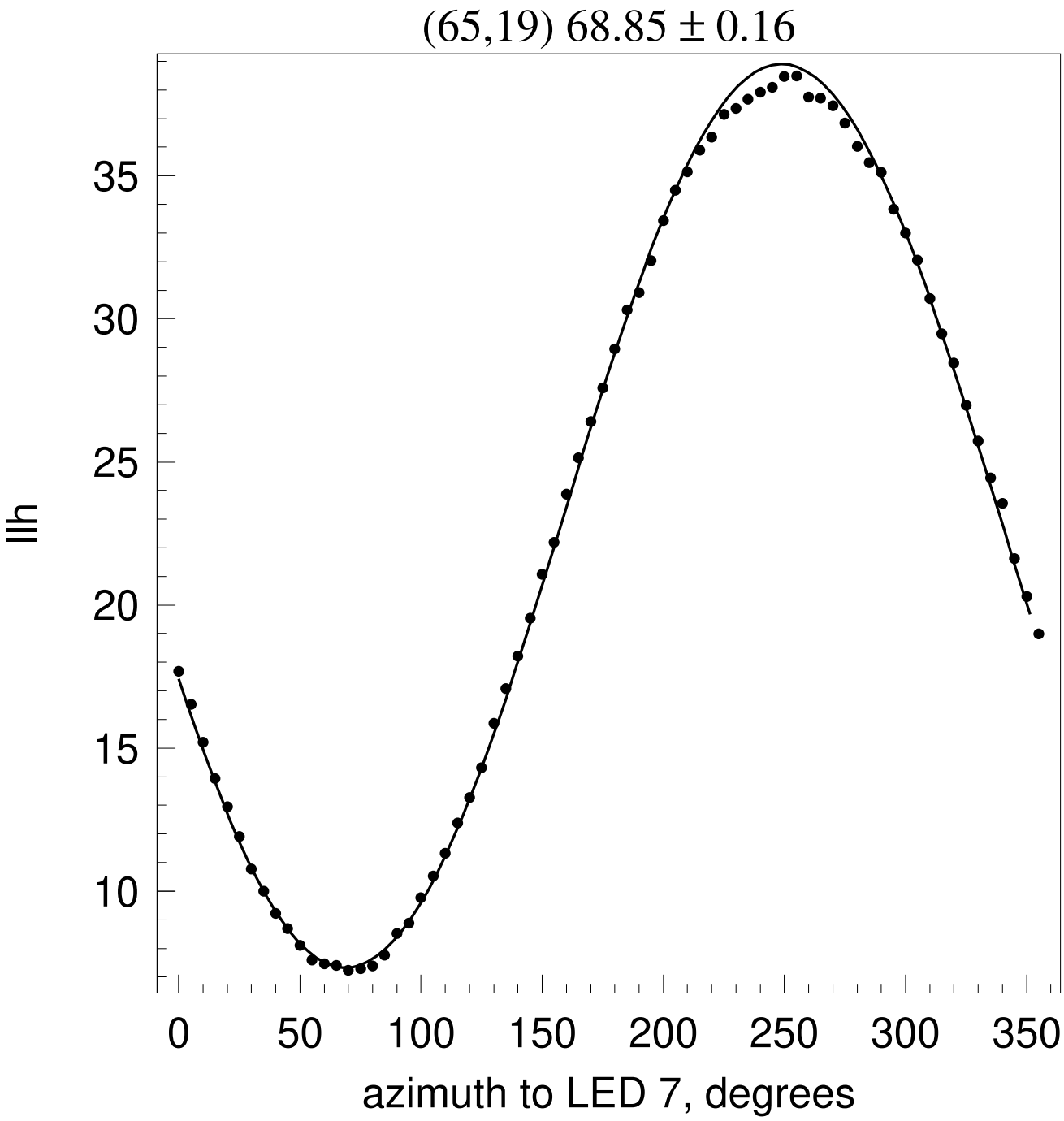

(65,14) 177.57 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

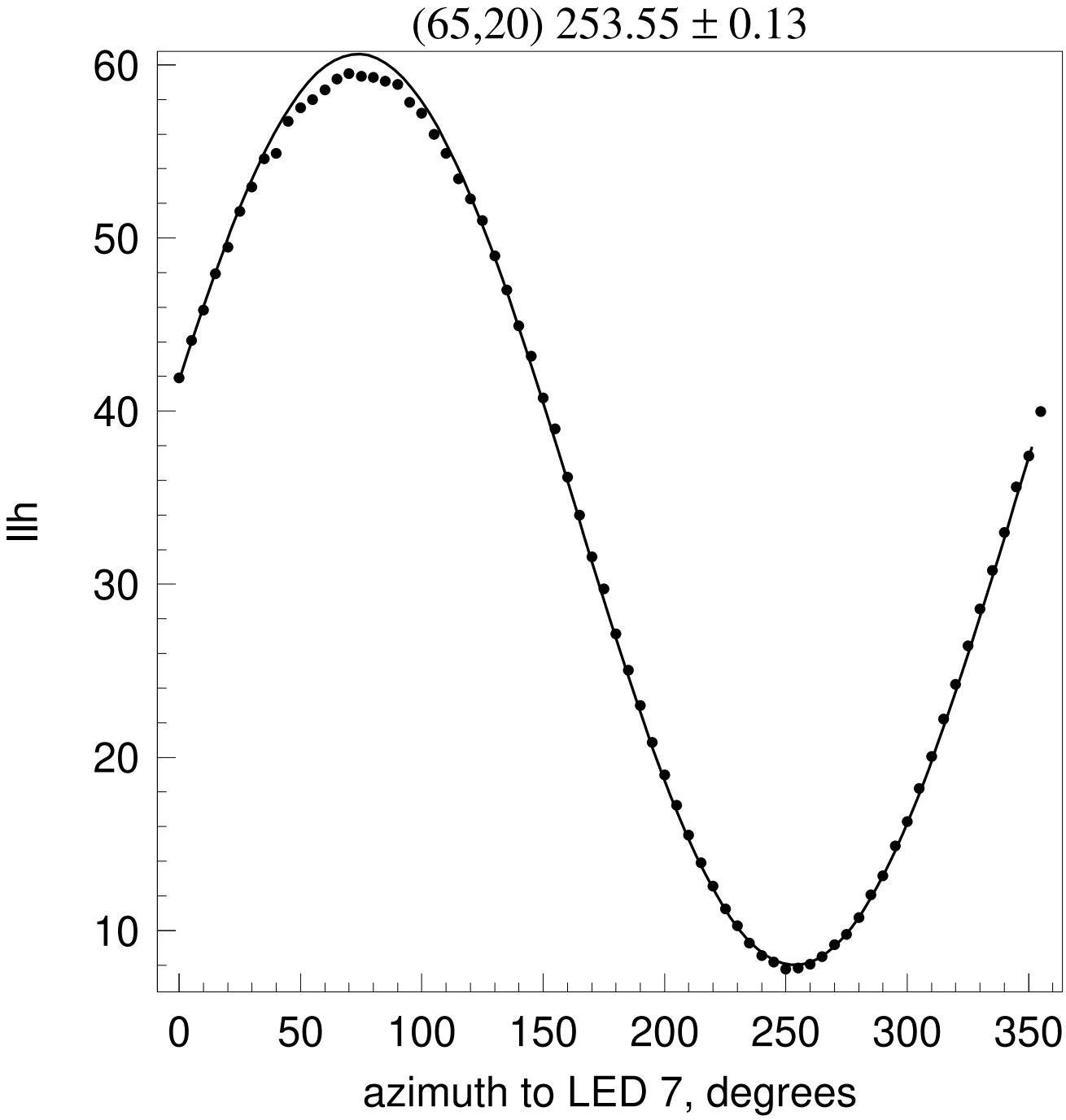

(65,15) 193.94 ± 0.41
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

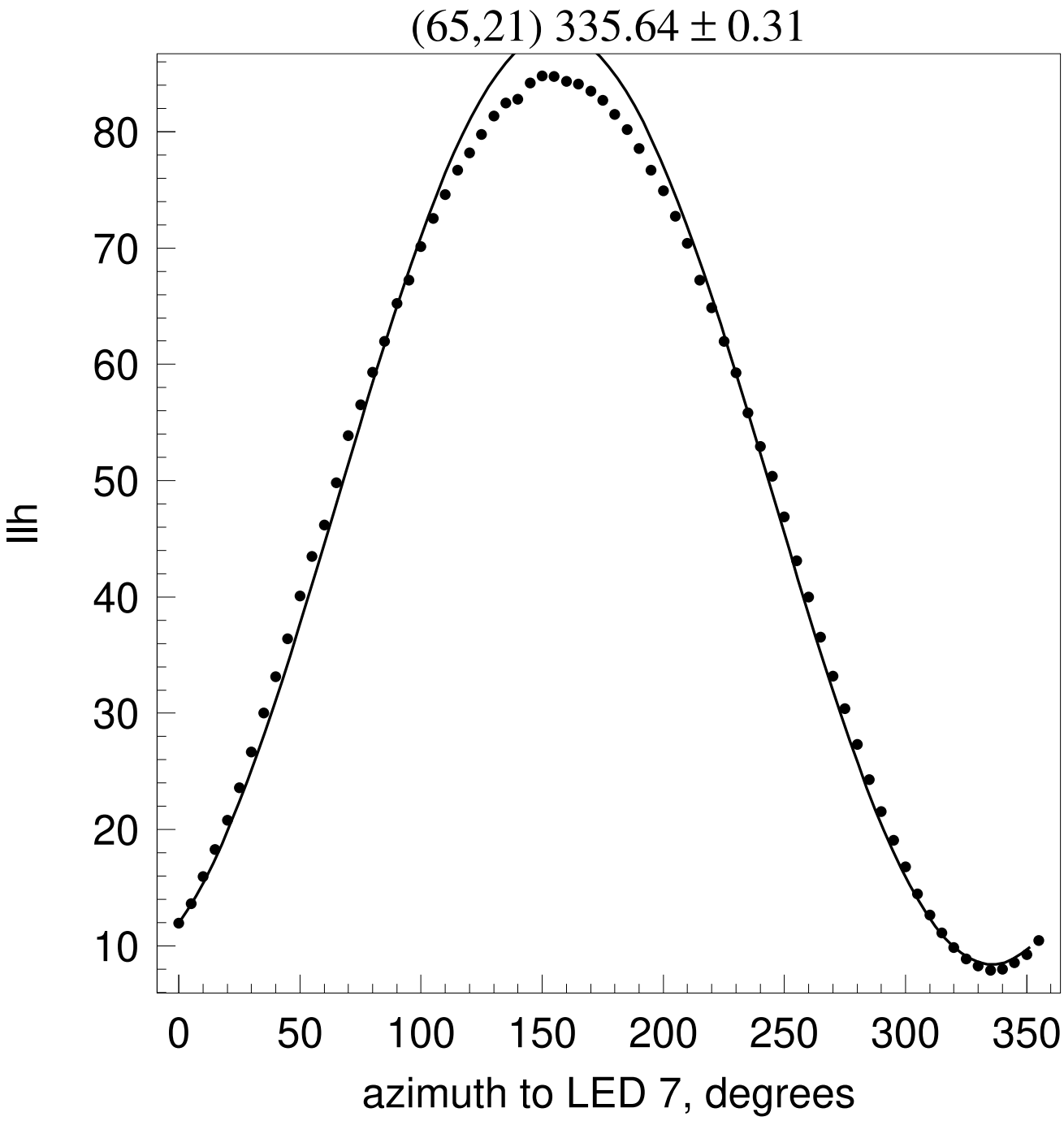

(65,16) 4.33 ± 0.34
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

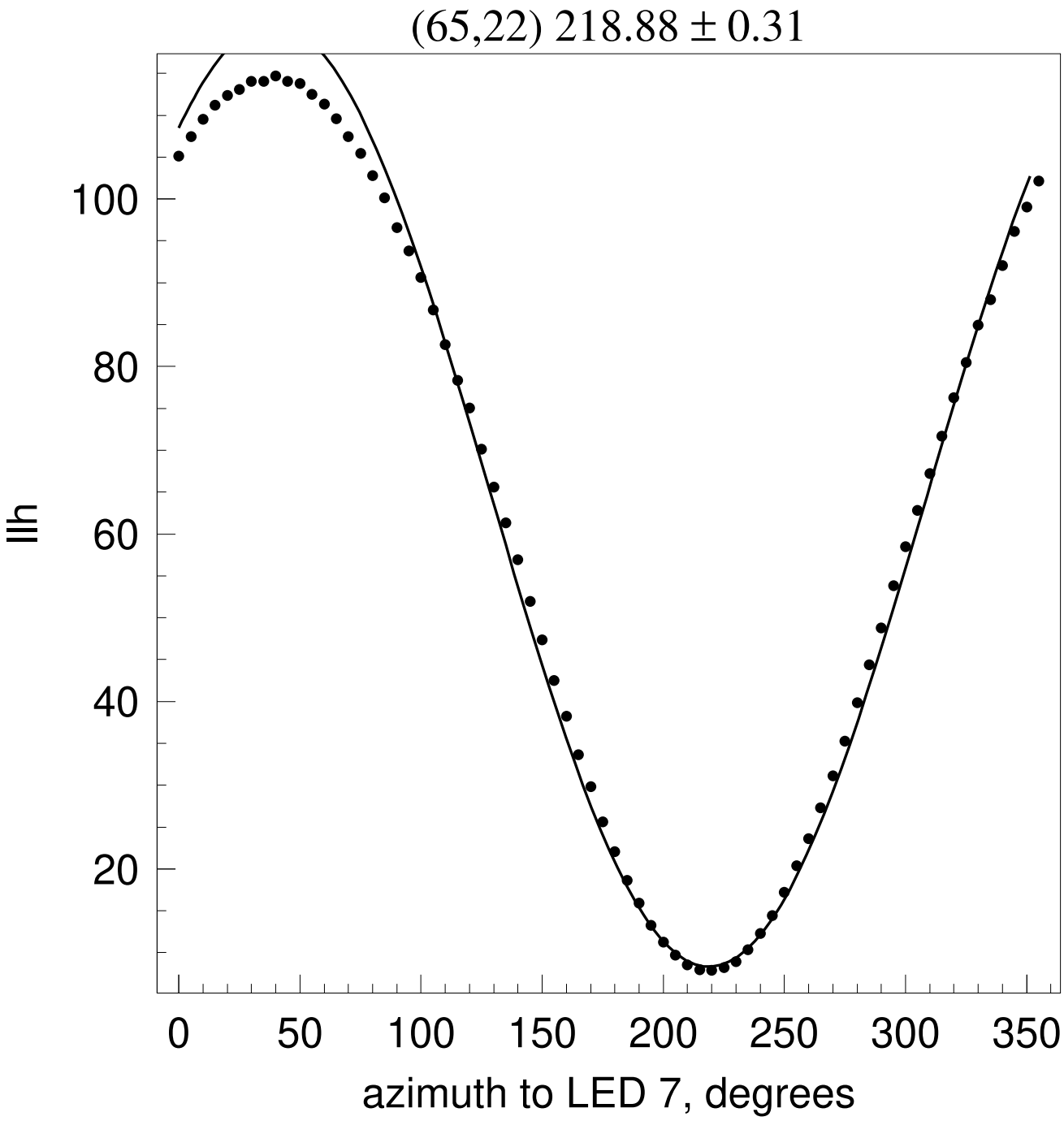

(65,17) 48.74 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

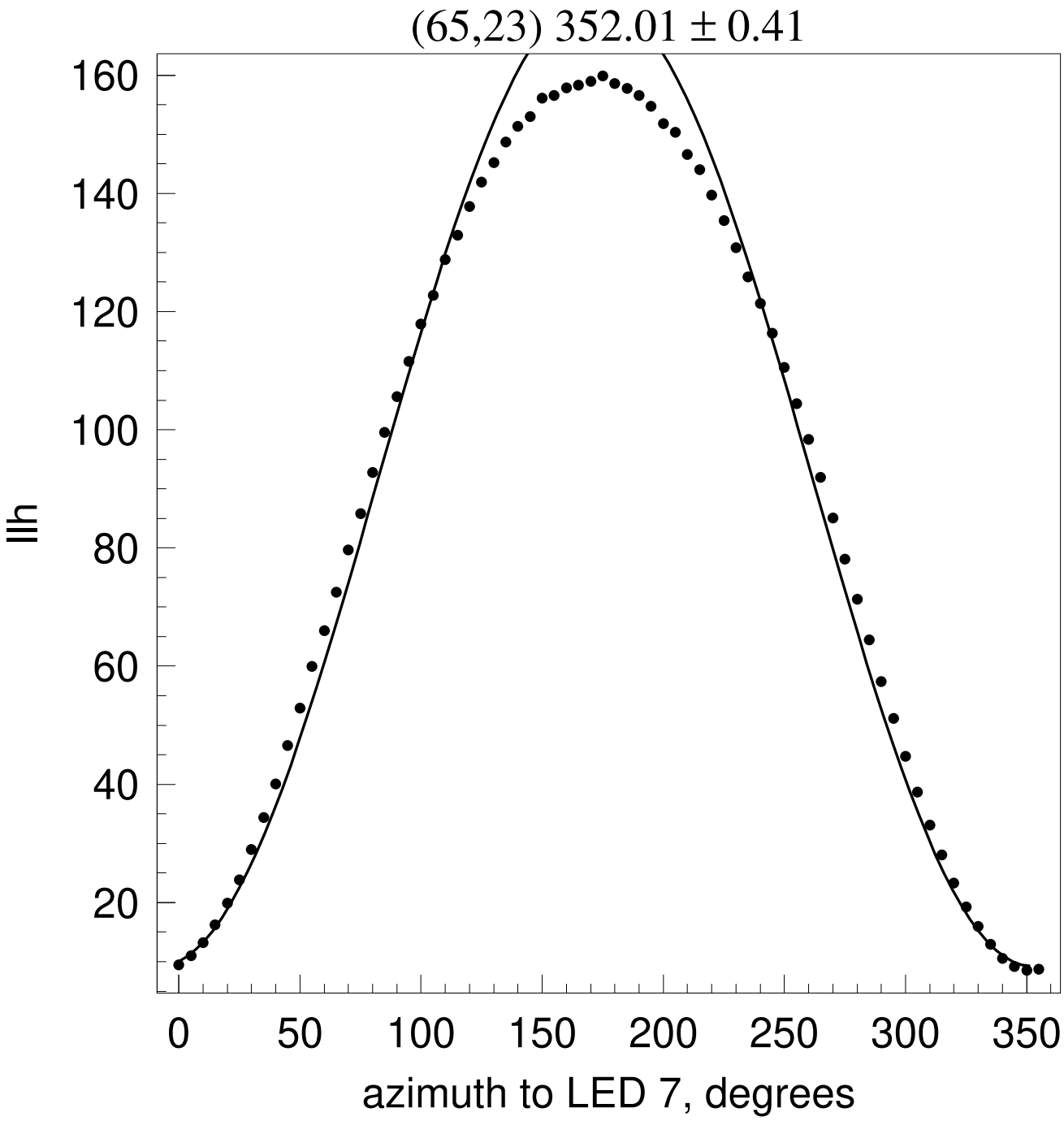

(65,18) 350.43 ± 0.13
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

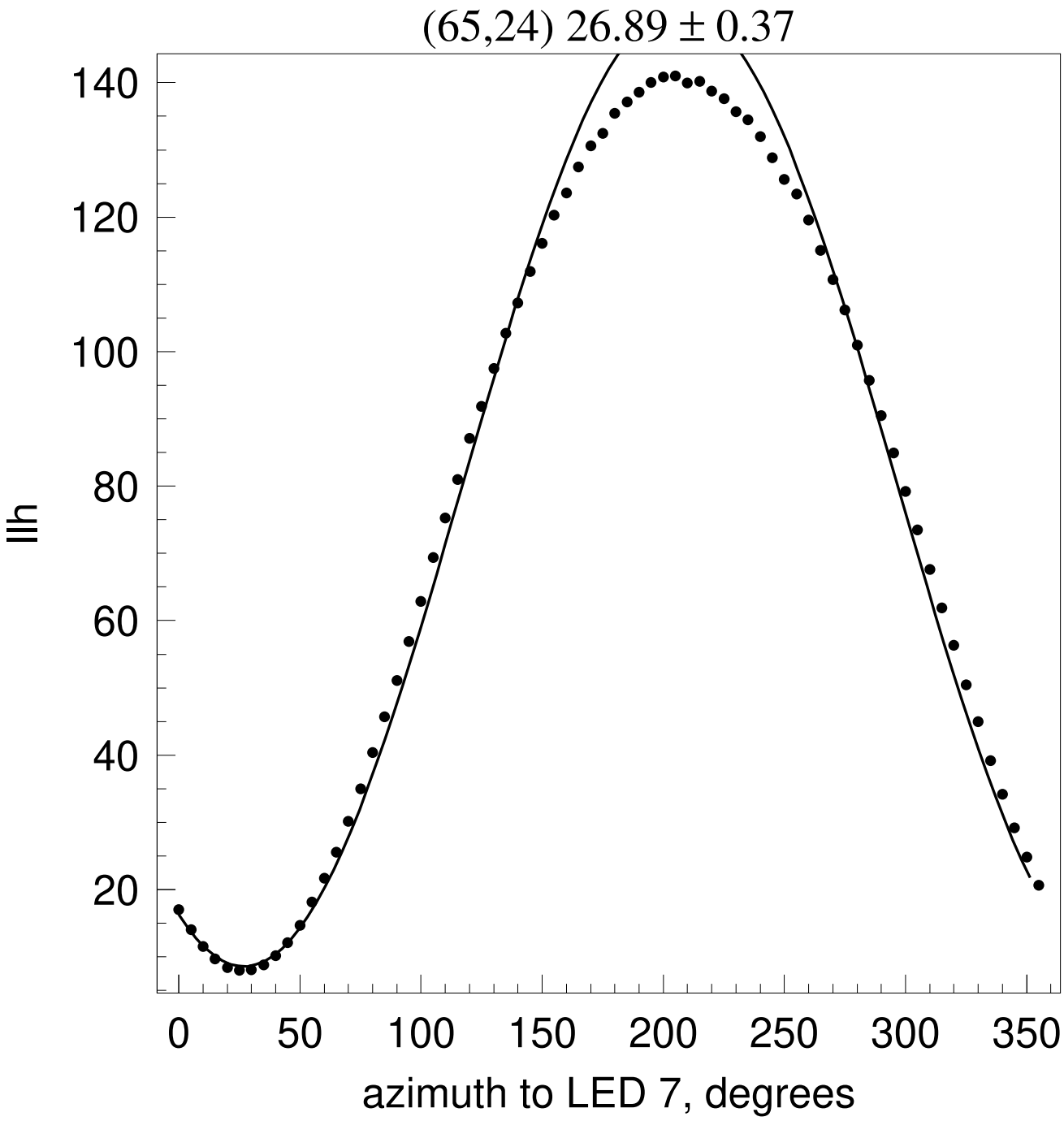

(65,19) 68.85 ± 0.16
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

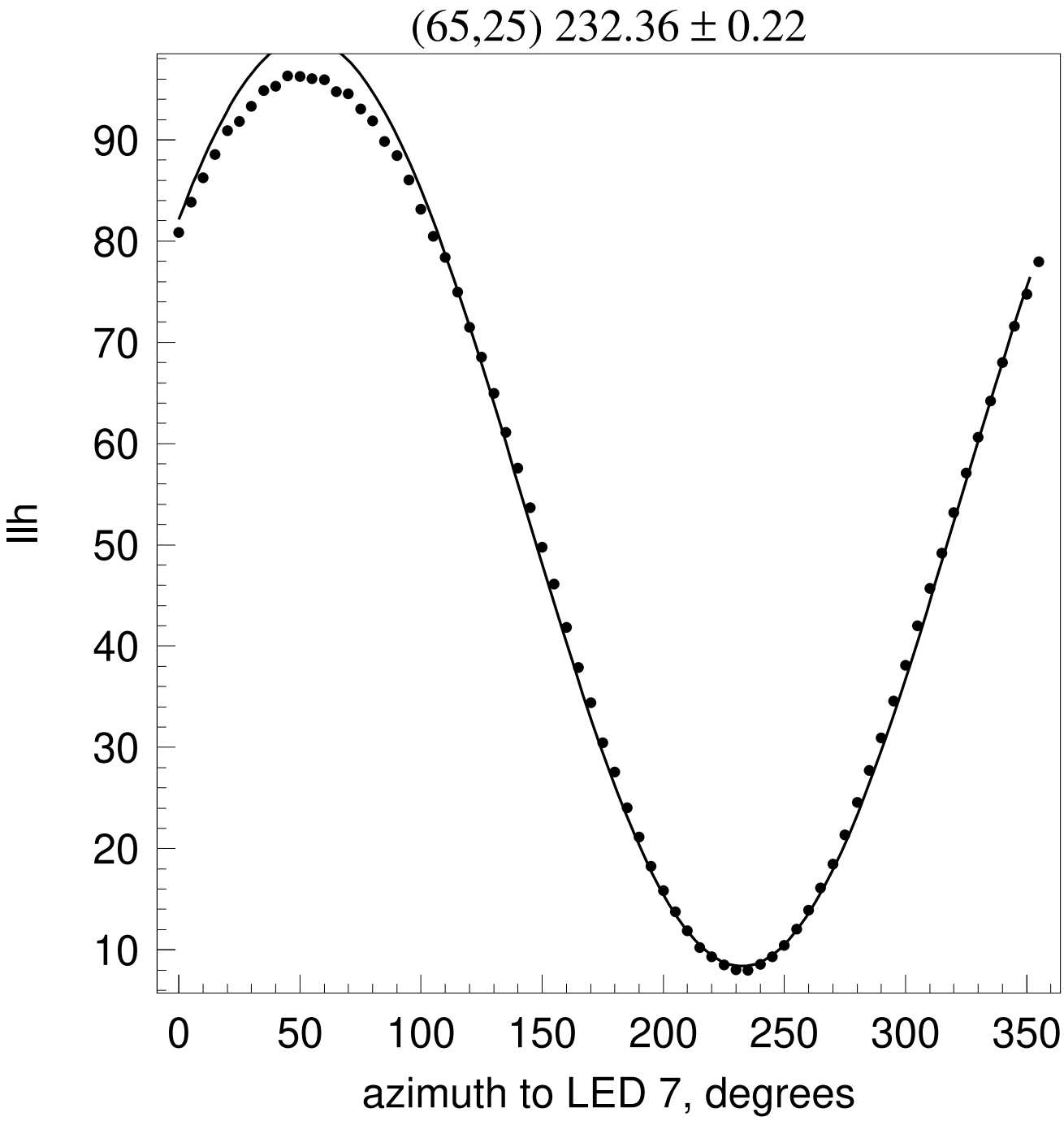

(65,20) 253.55 ± 0.13
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

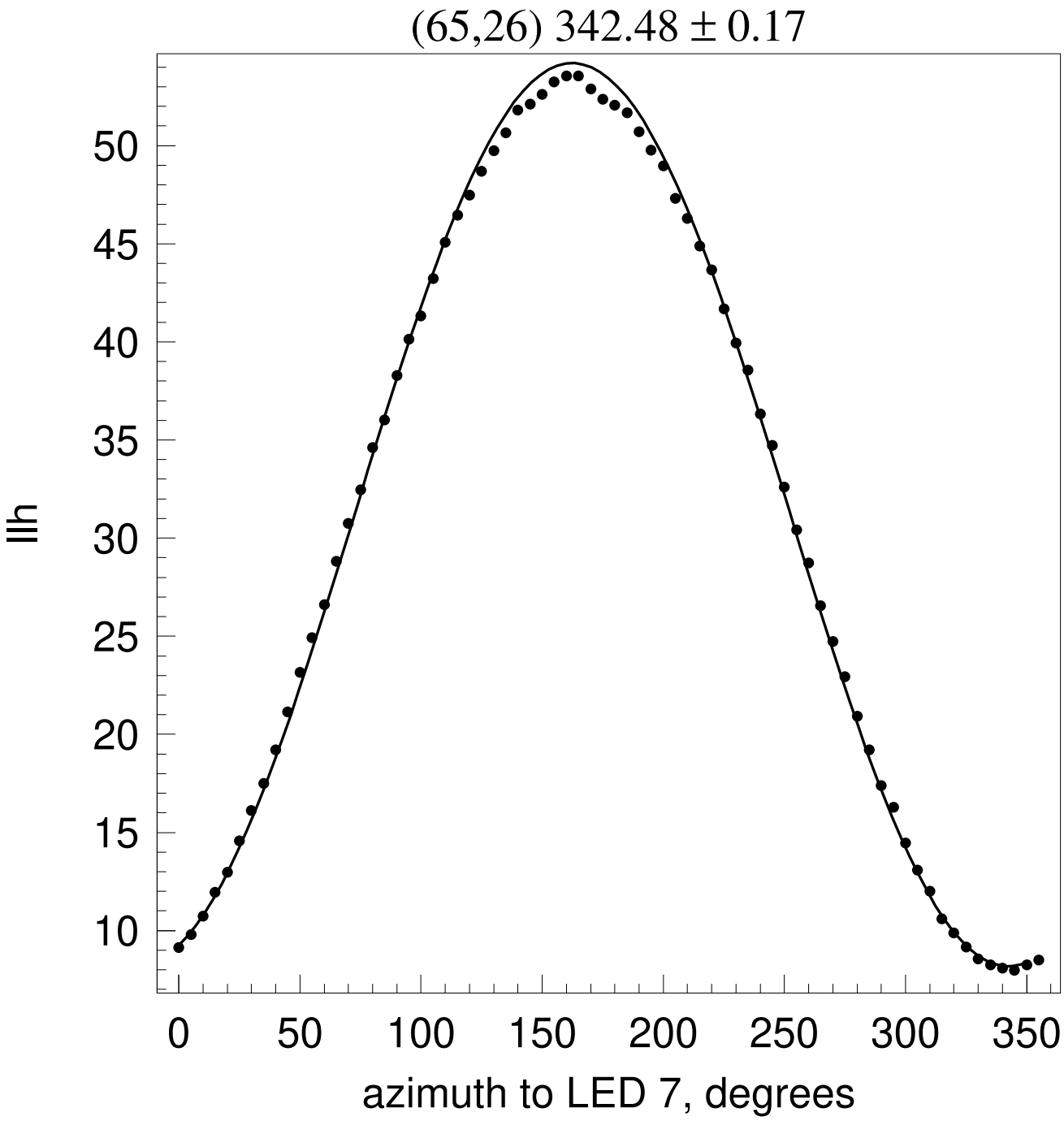

(65,21) 335.64 ± 0.31
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

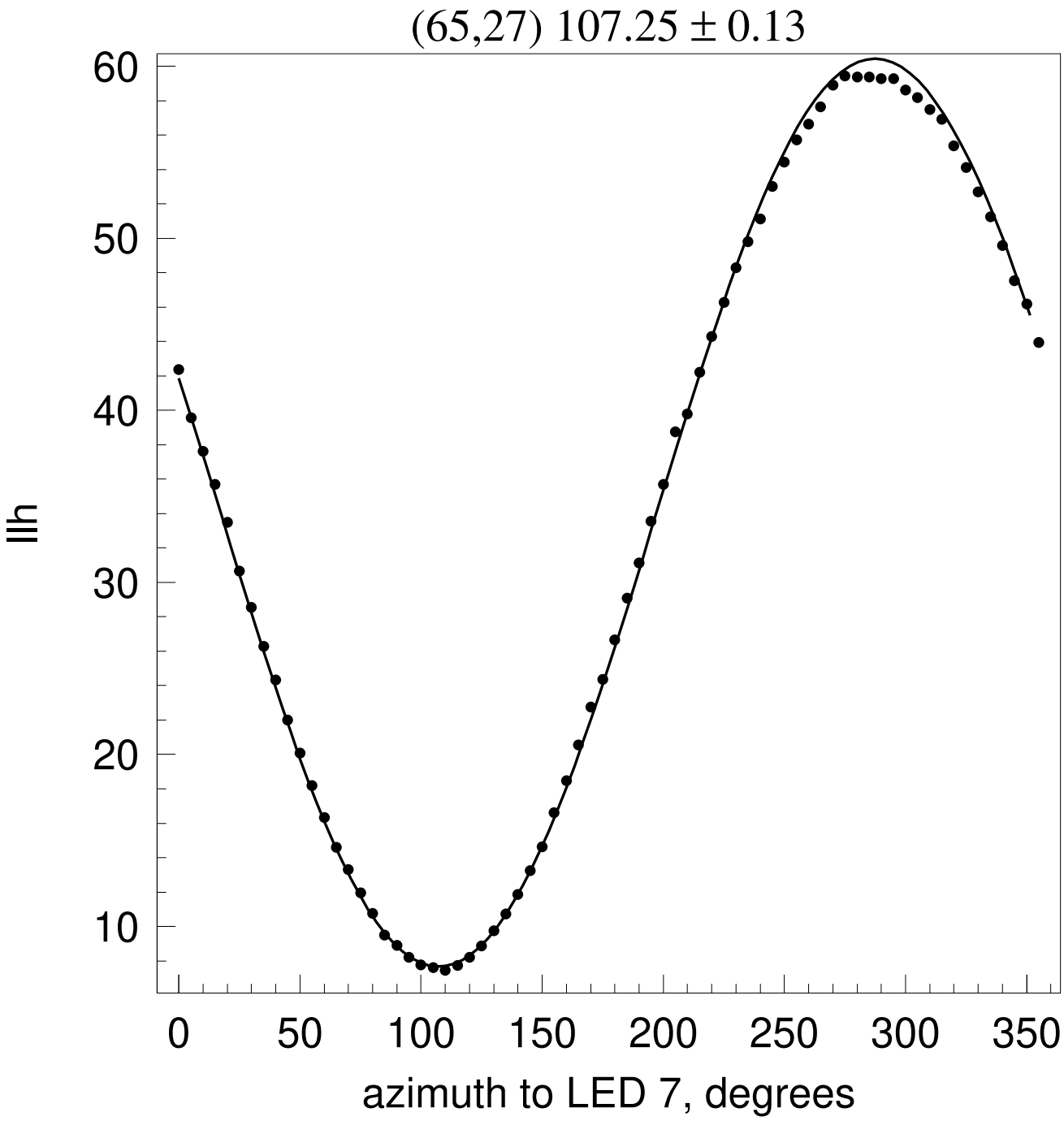

(65,22) 218.88 ± 0.31
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

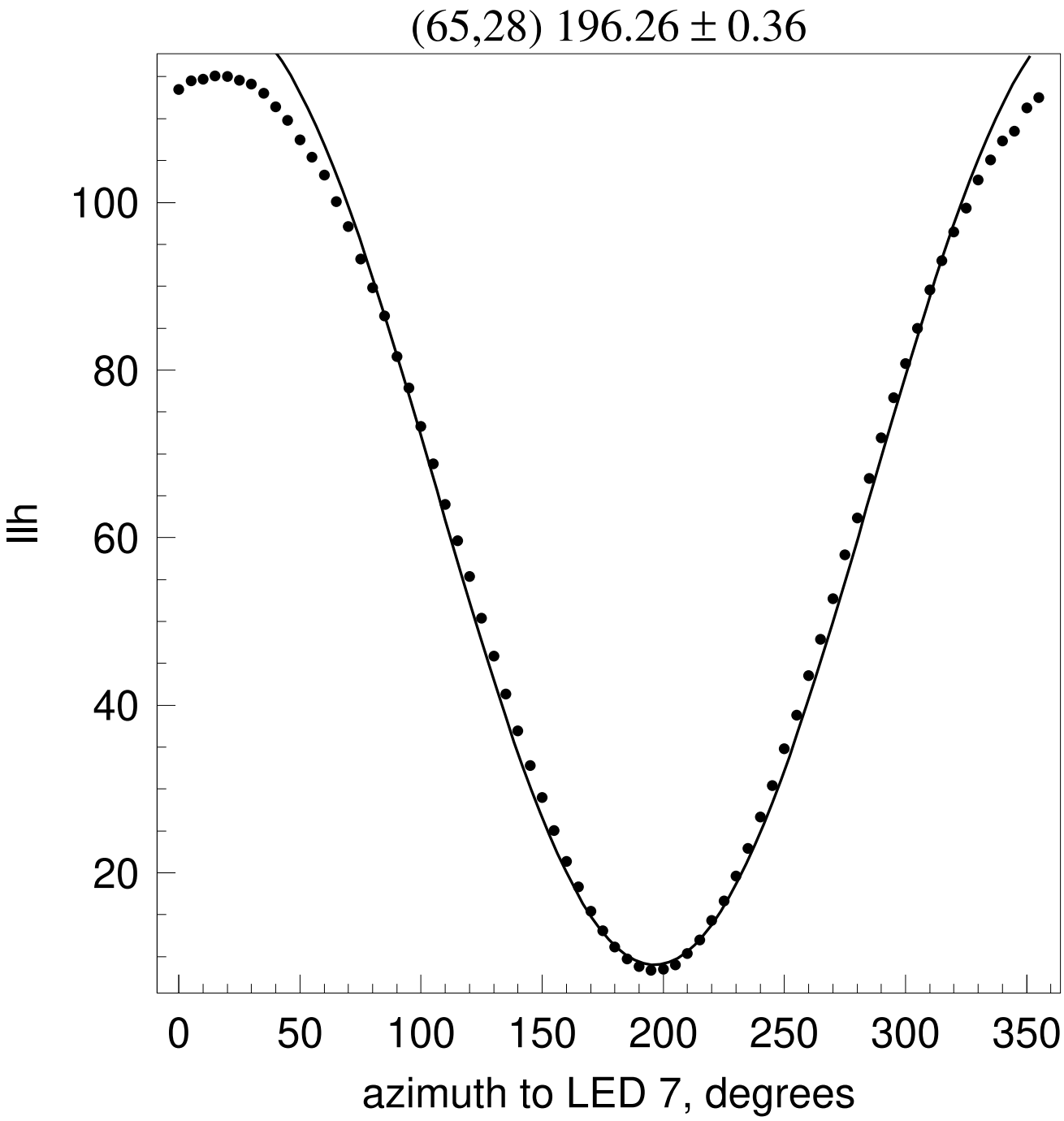

(65,23) 352.01 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

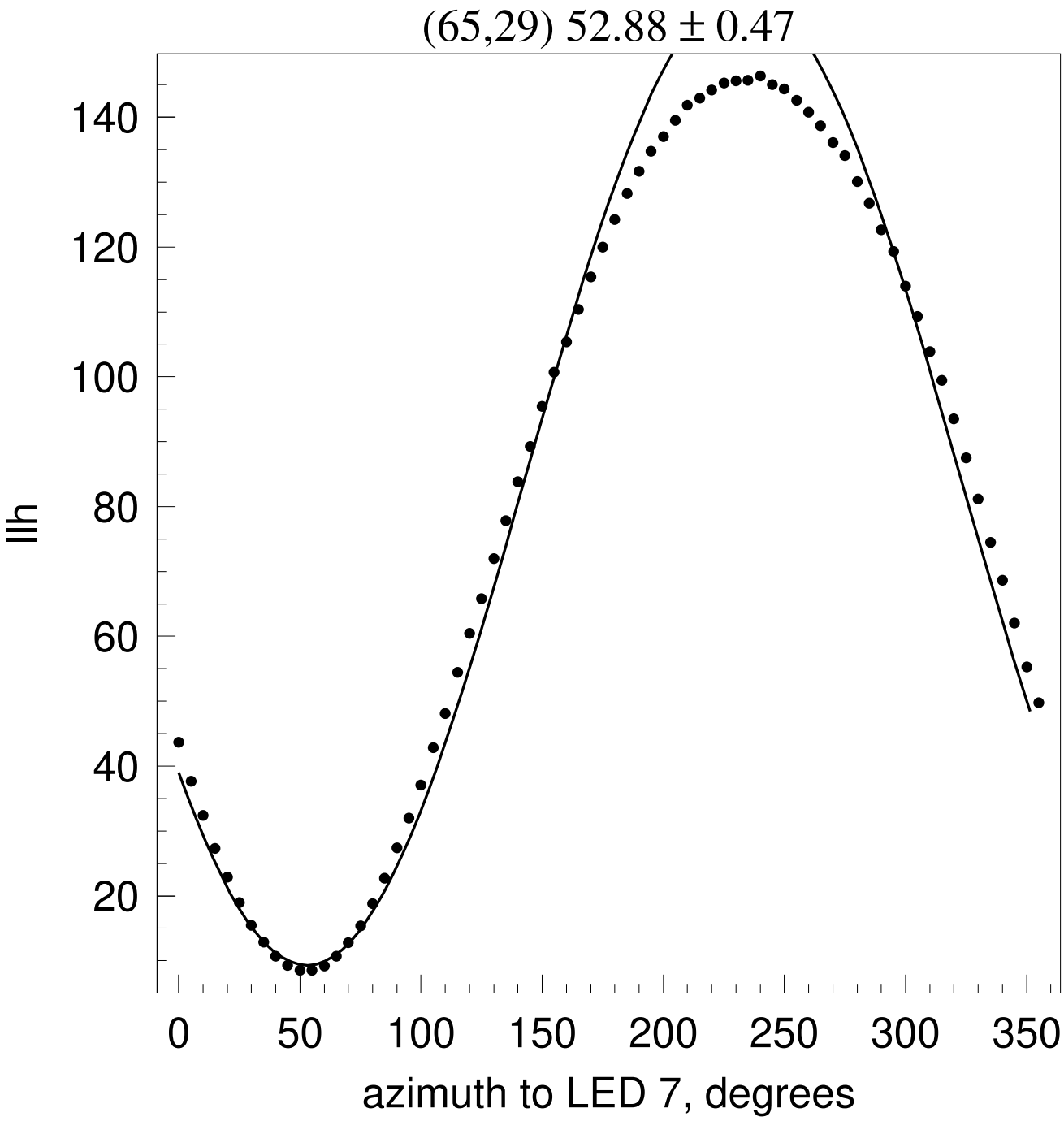

(65,24) 26.89 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

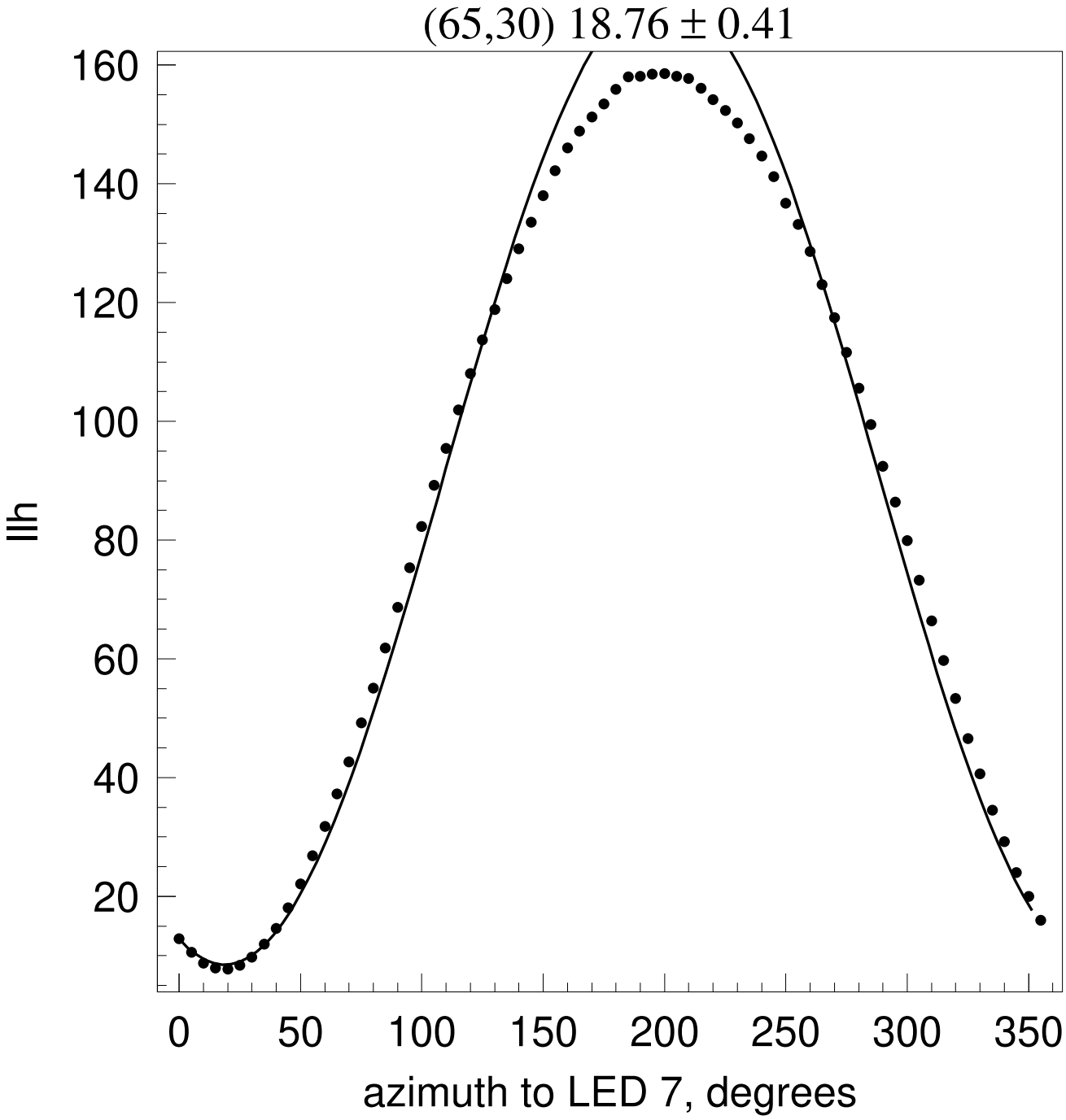

(65,25) 232.36 ± 0.22
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

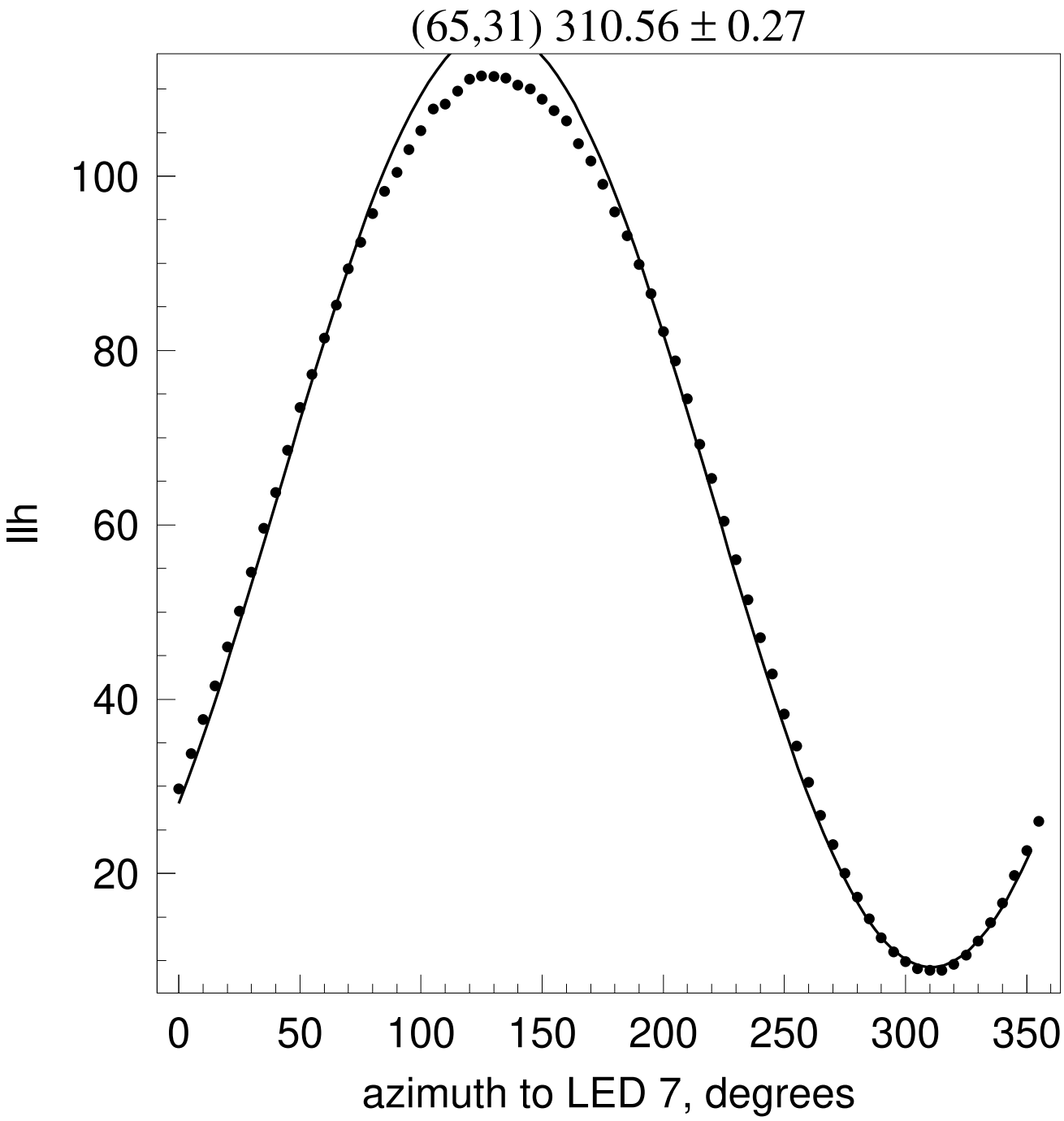

(65,26) 342.48 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

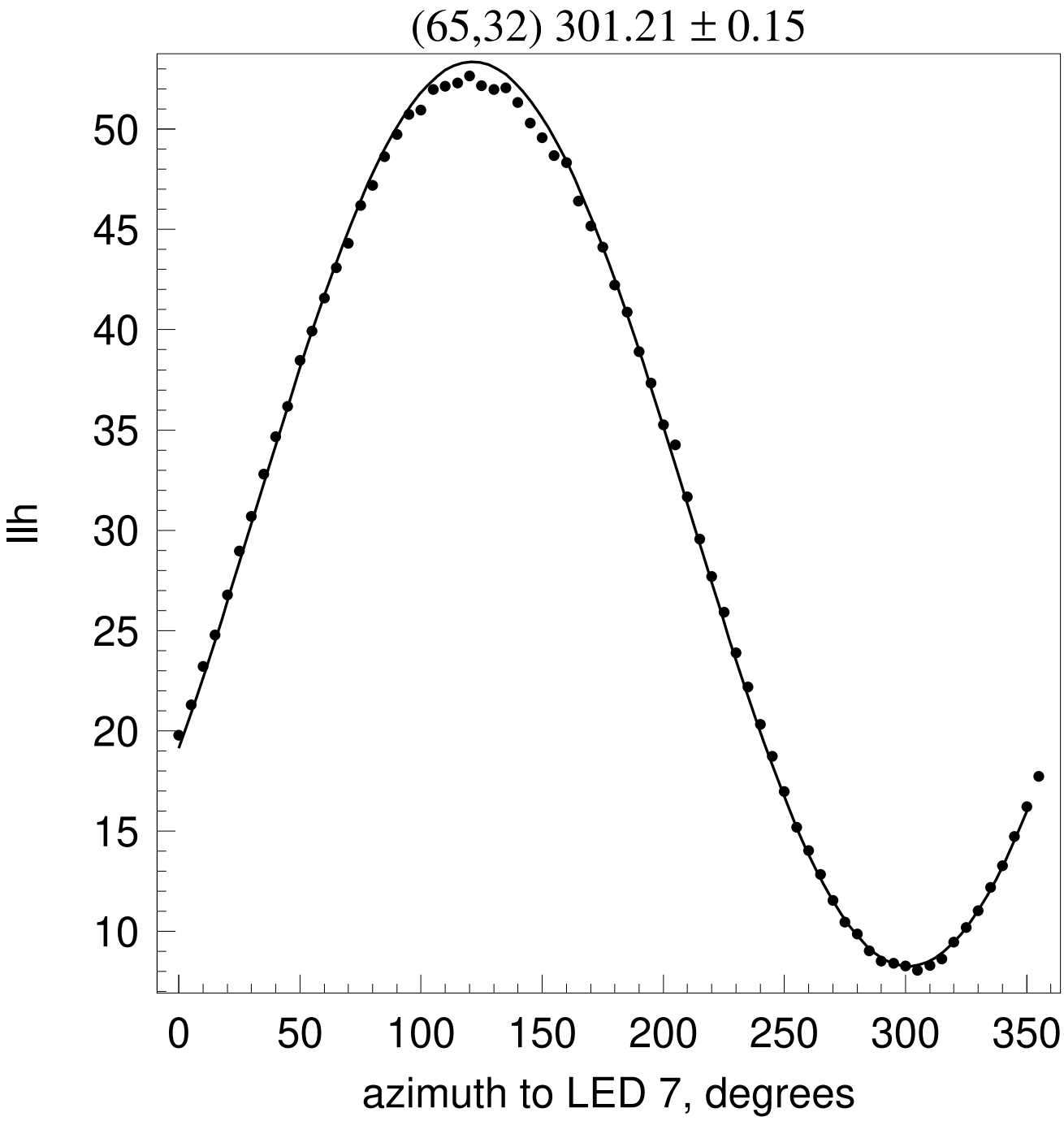

(65,27) 107.25 ± 0.13
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

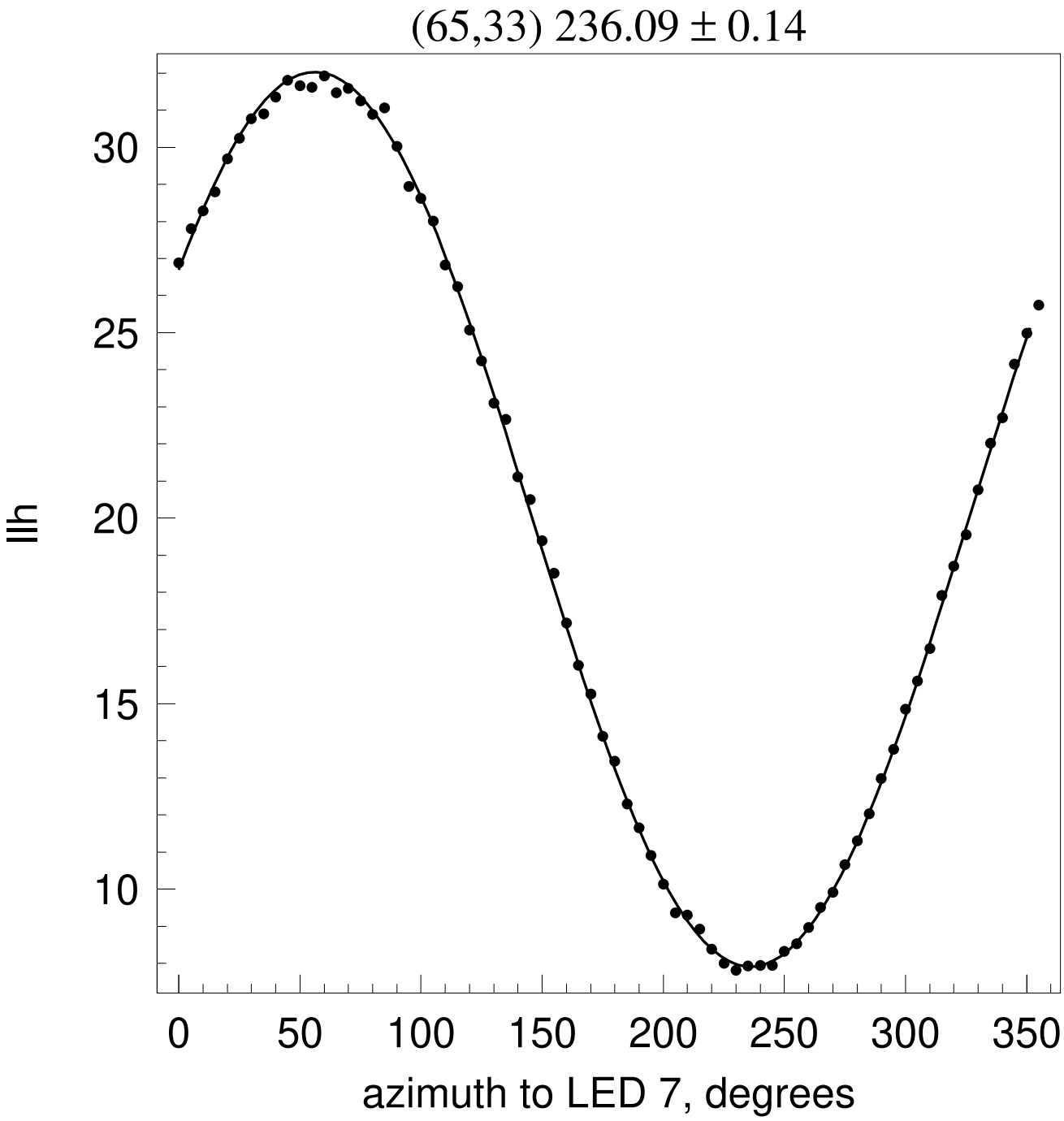

(65,28) 196.26 ± 0.36
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

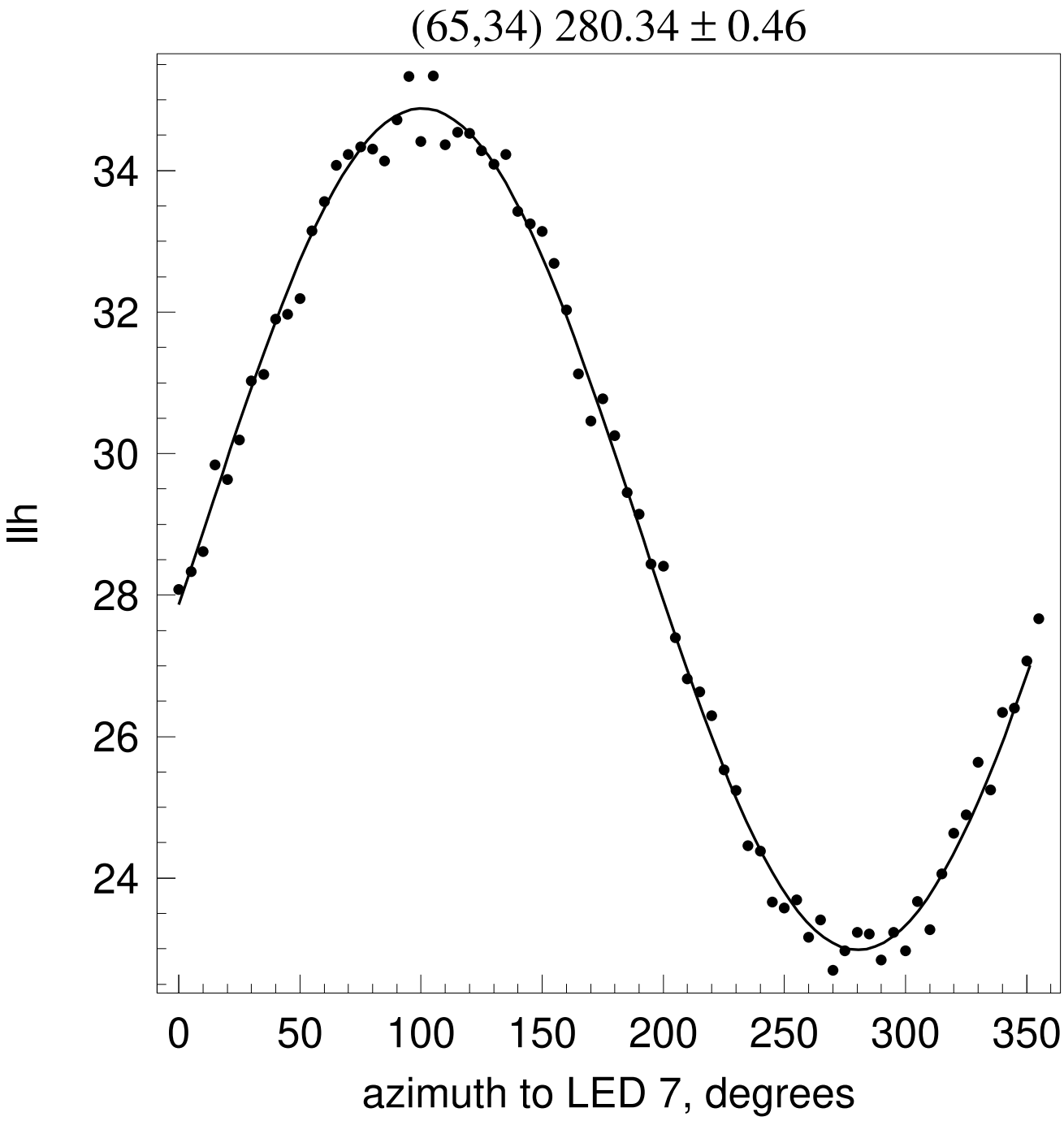

(65,29) 52.88 ± 0.47
140
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

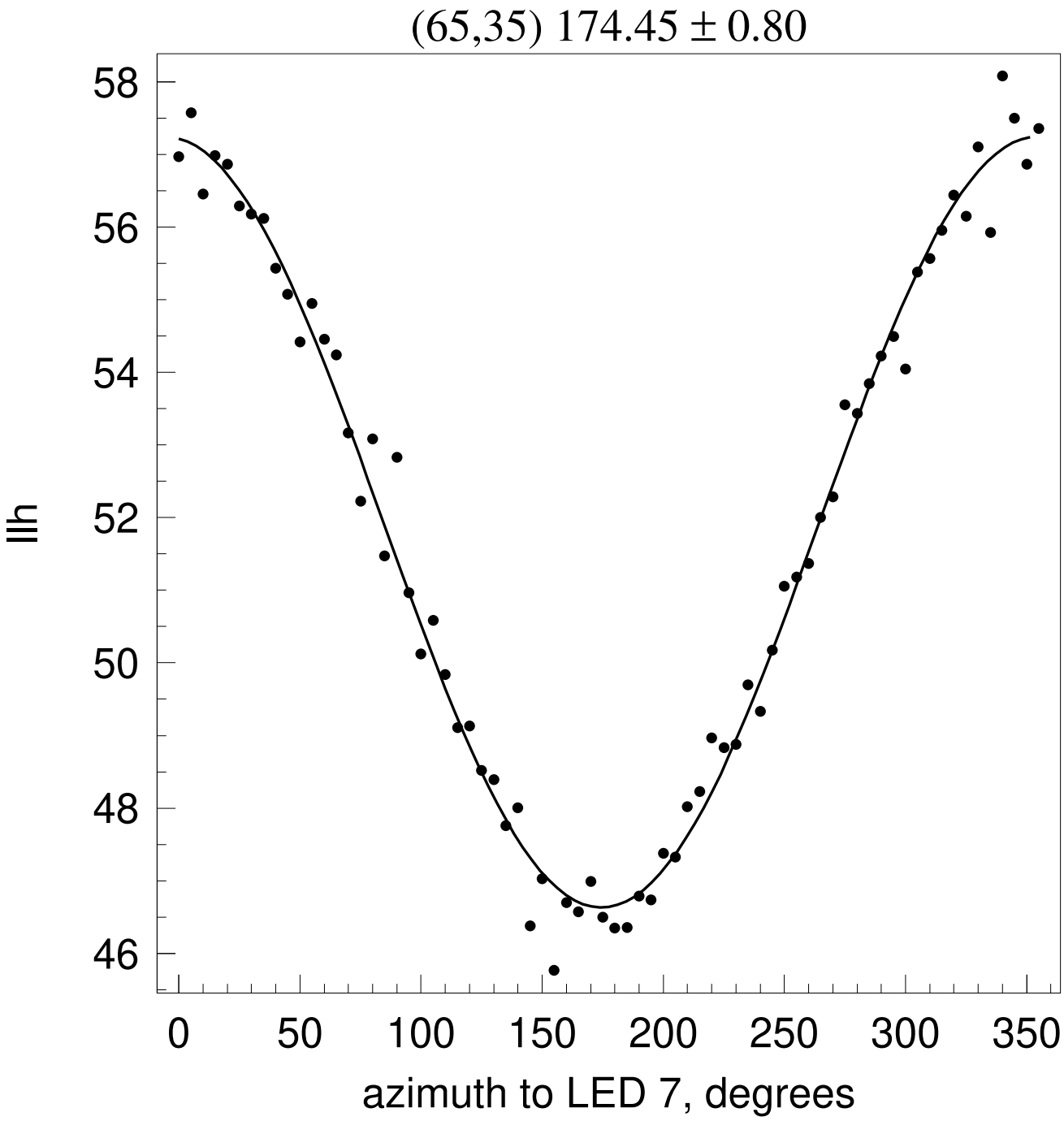

(65,30) 18.76 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

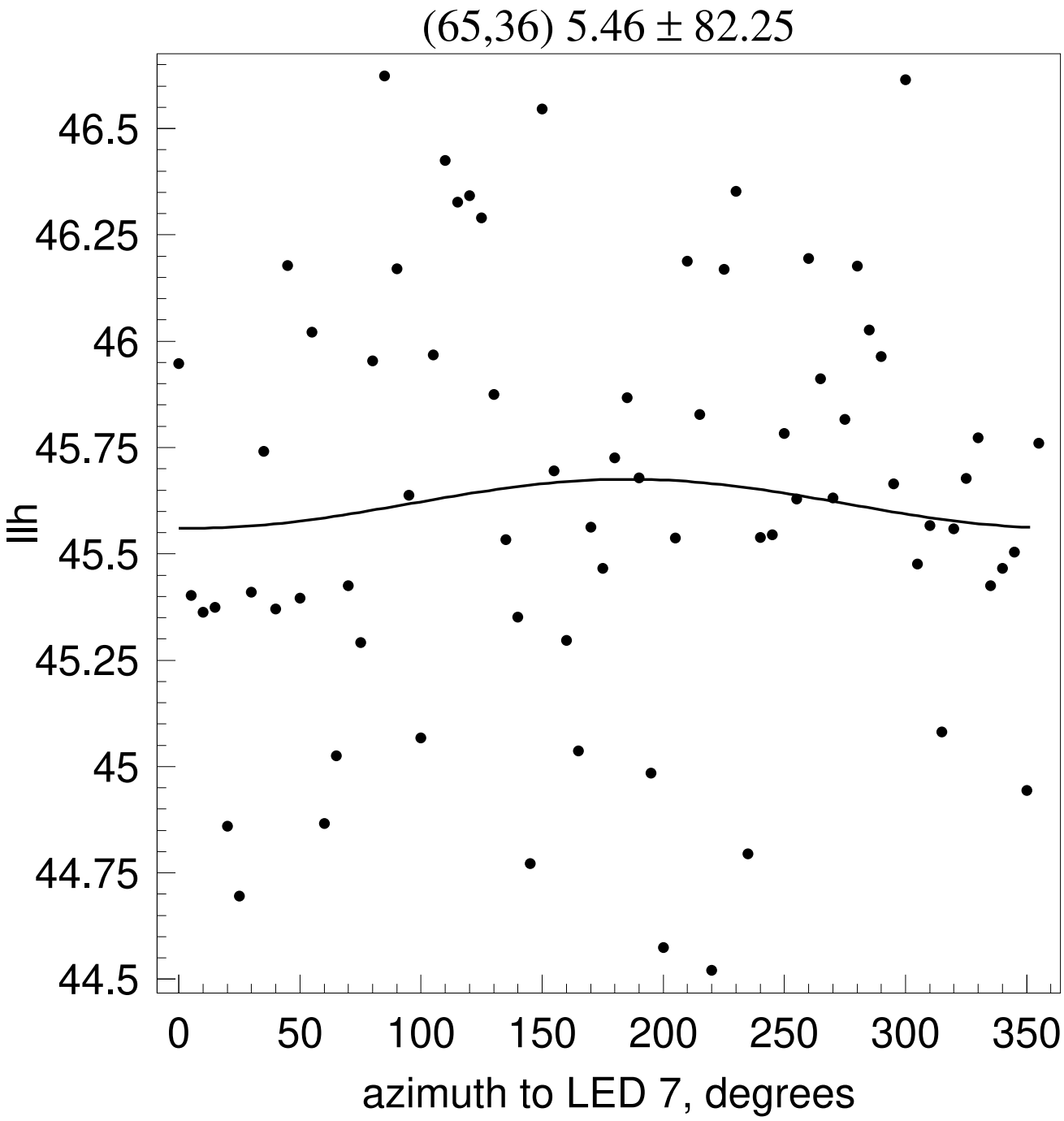

(65,31) 310.56 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

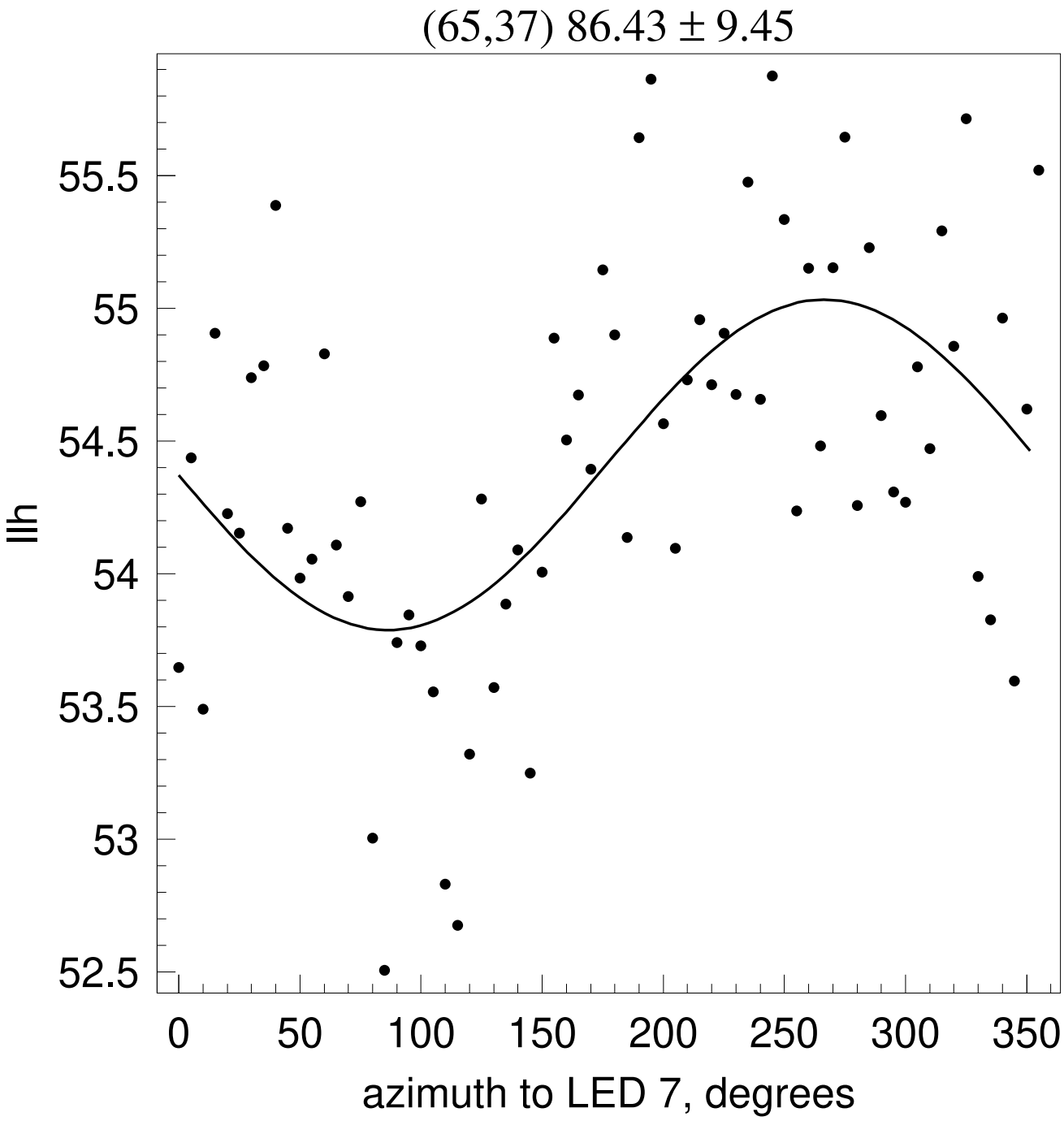

(65,32) 301.21 ± 0.15
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

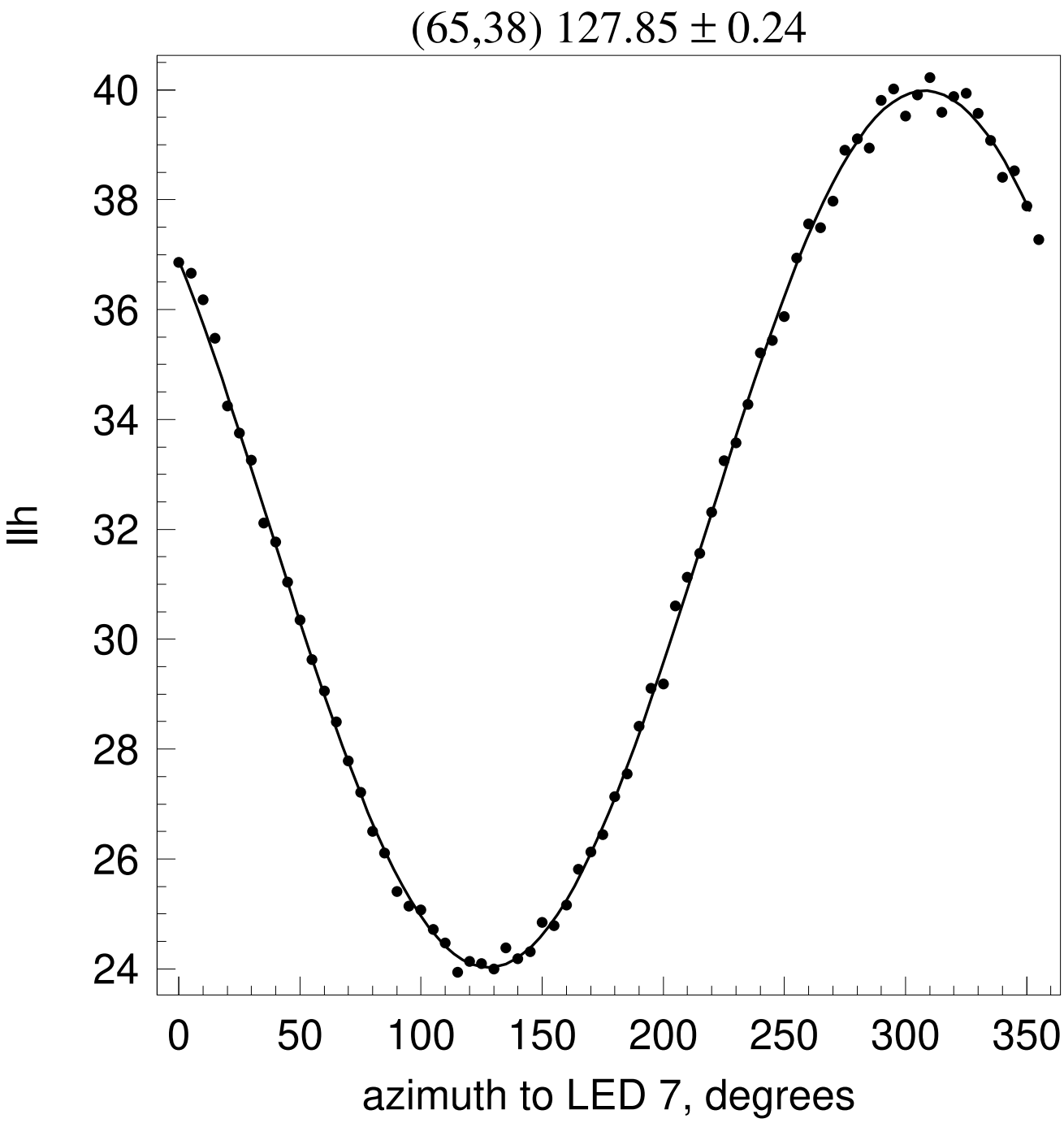

(65,33) 236.09 ± 0.14
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

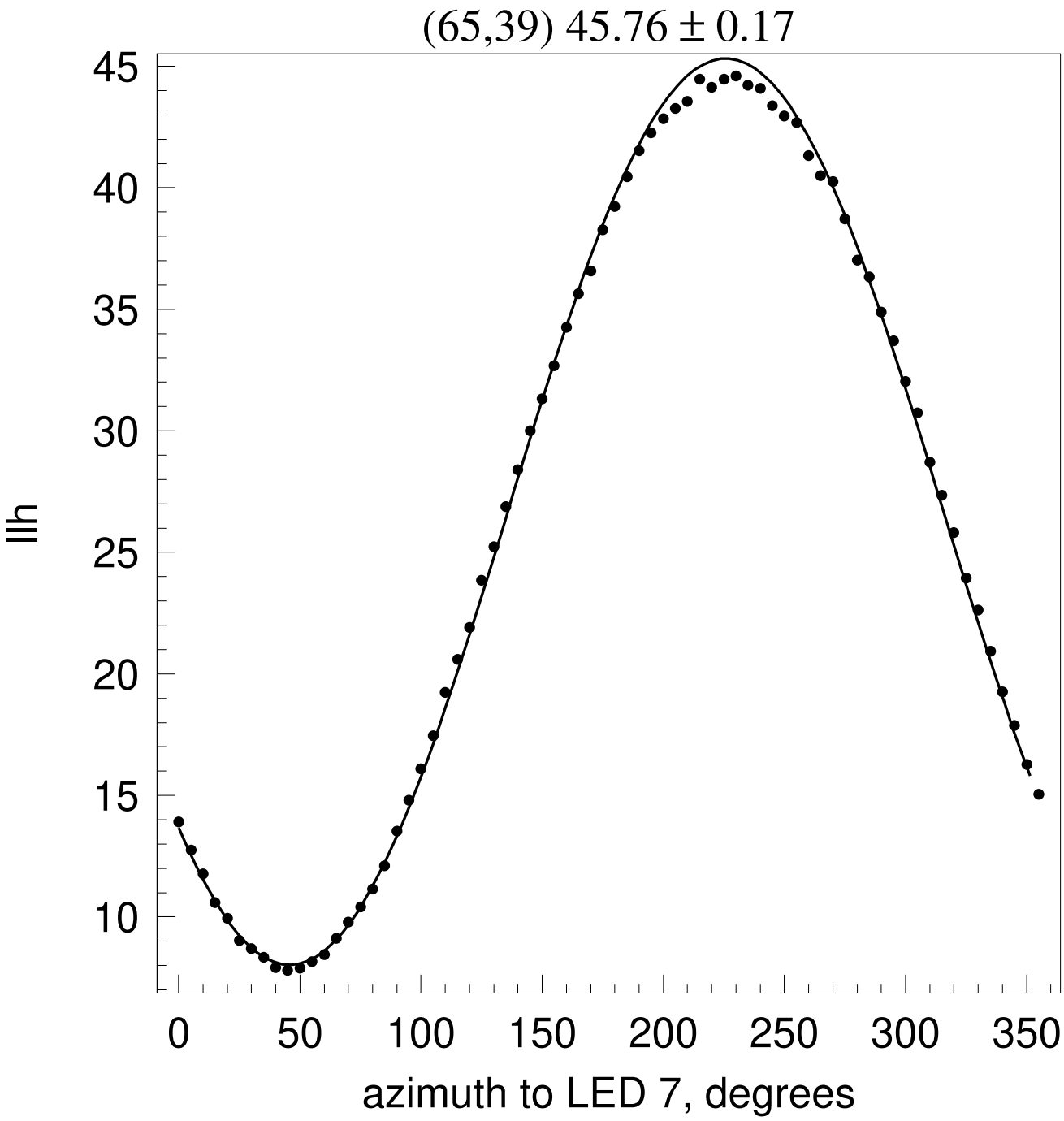

(65,34) 280.34 ± 0.46
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

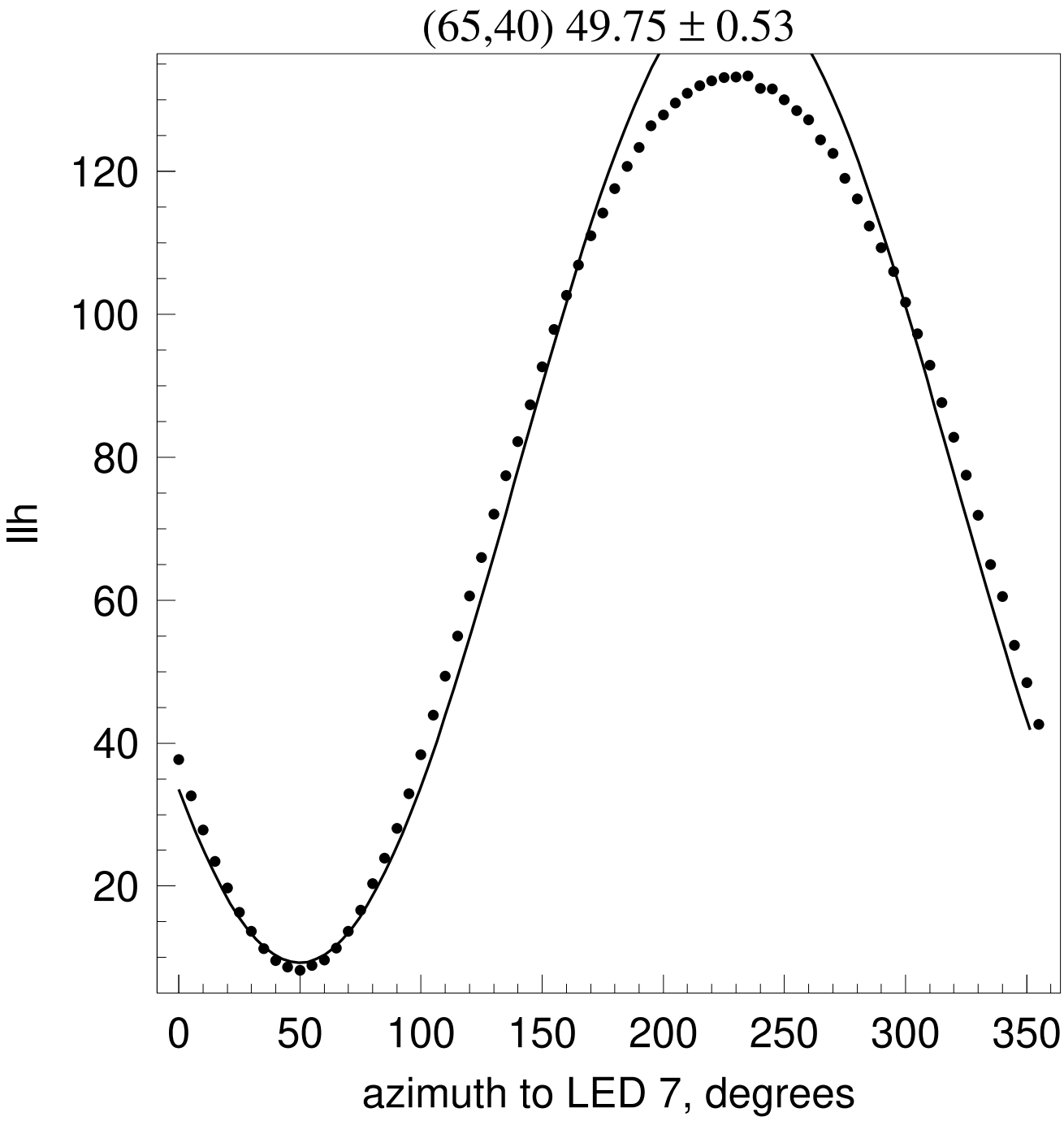

(65,35) 174.45 ± 0.80
58
56
54
52
50
48
46
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

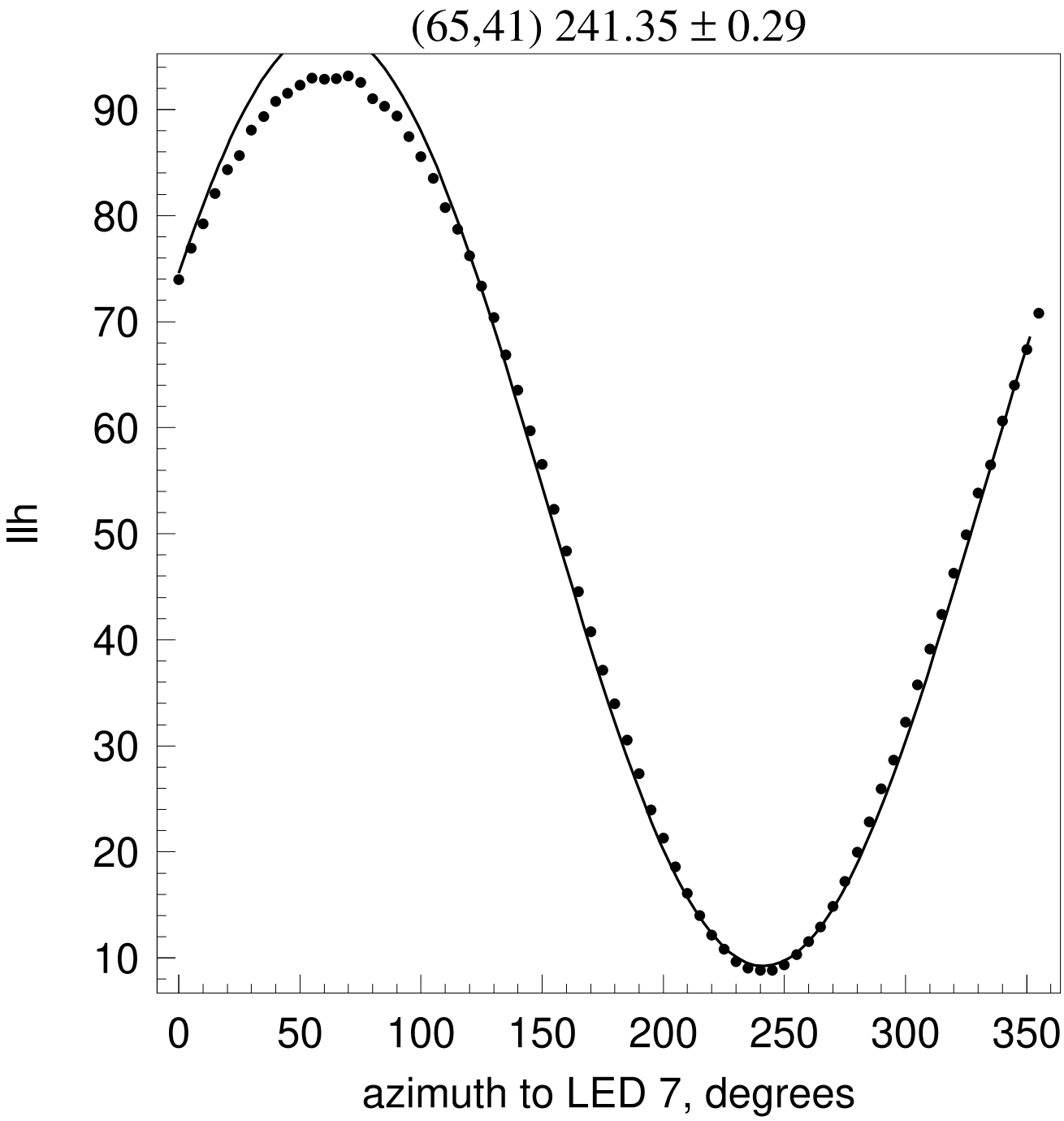

(65,36) 5.46 ± 82.25
46.5
46.25
46
45.75
45.5
45.25
45
44.75
44.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

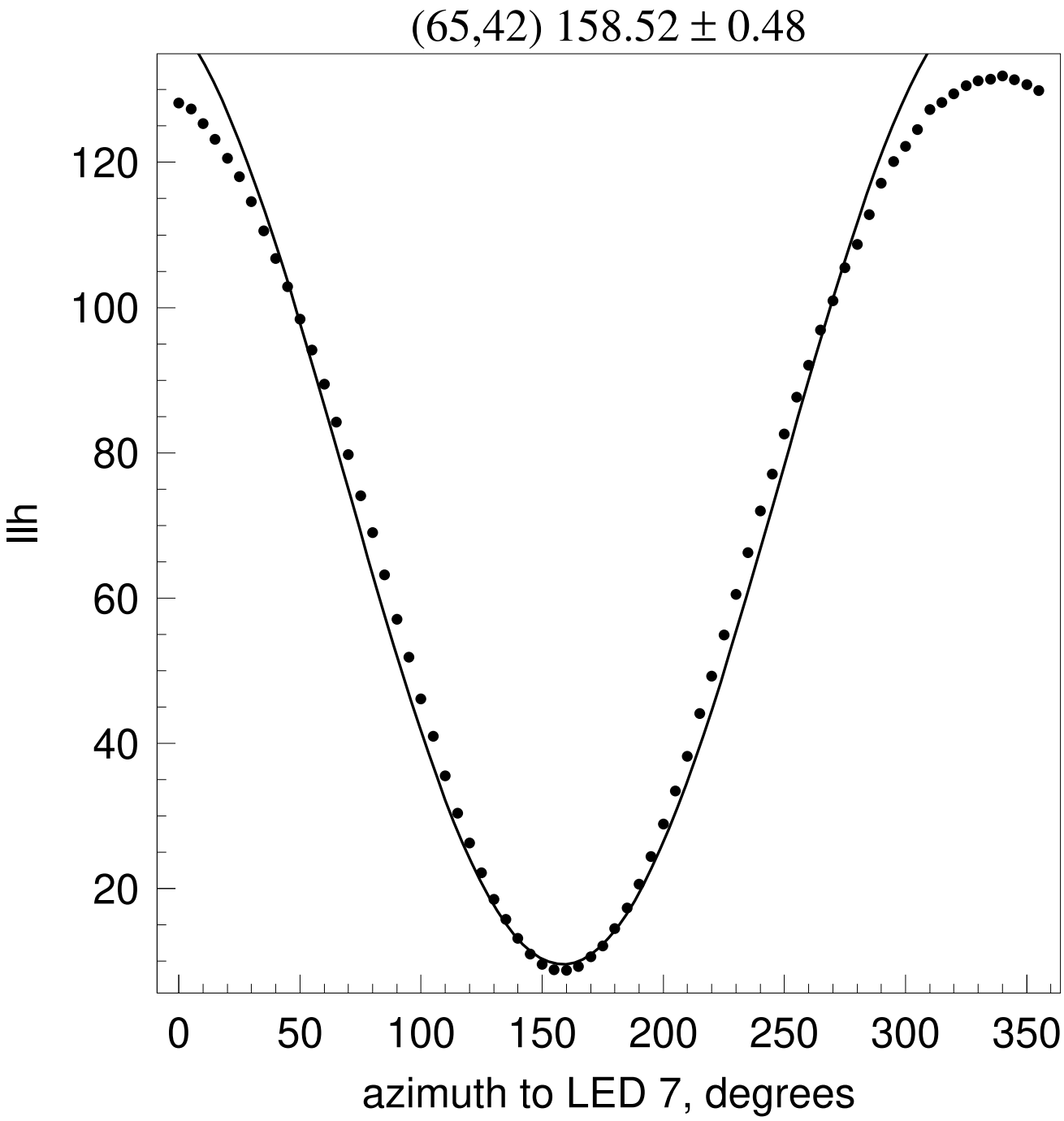

(65,37) 86.43 ± 9.45
55.5
55
54.5
54
53.5
53
52.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

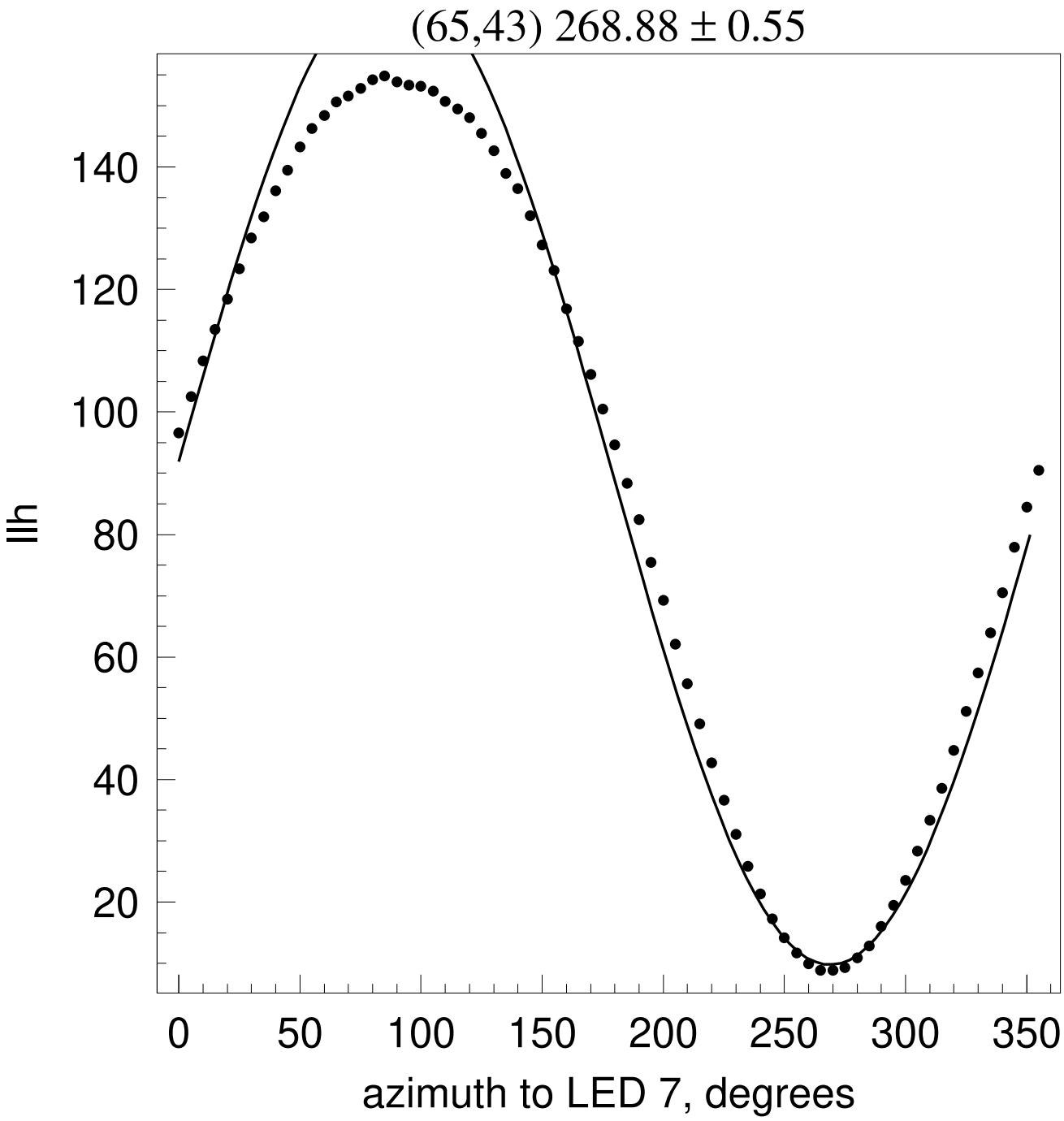

(65,38) 127.85 ± 0.24
40
38
36
34
32
30
28
26
24
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

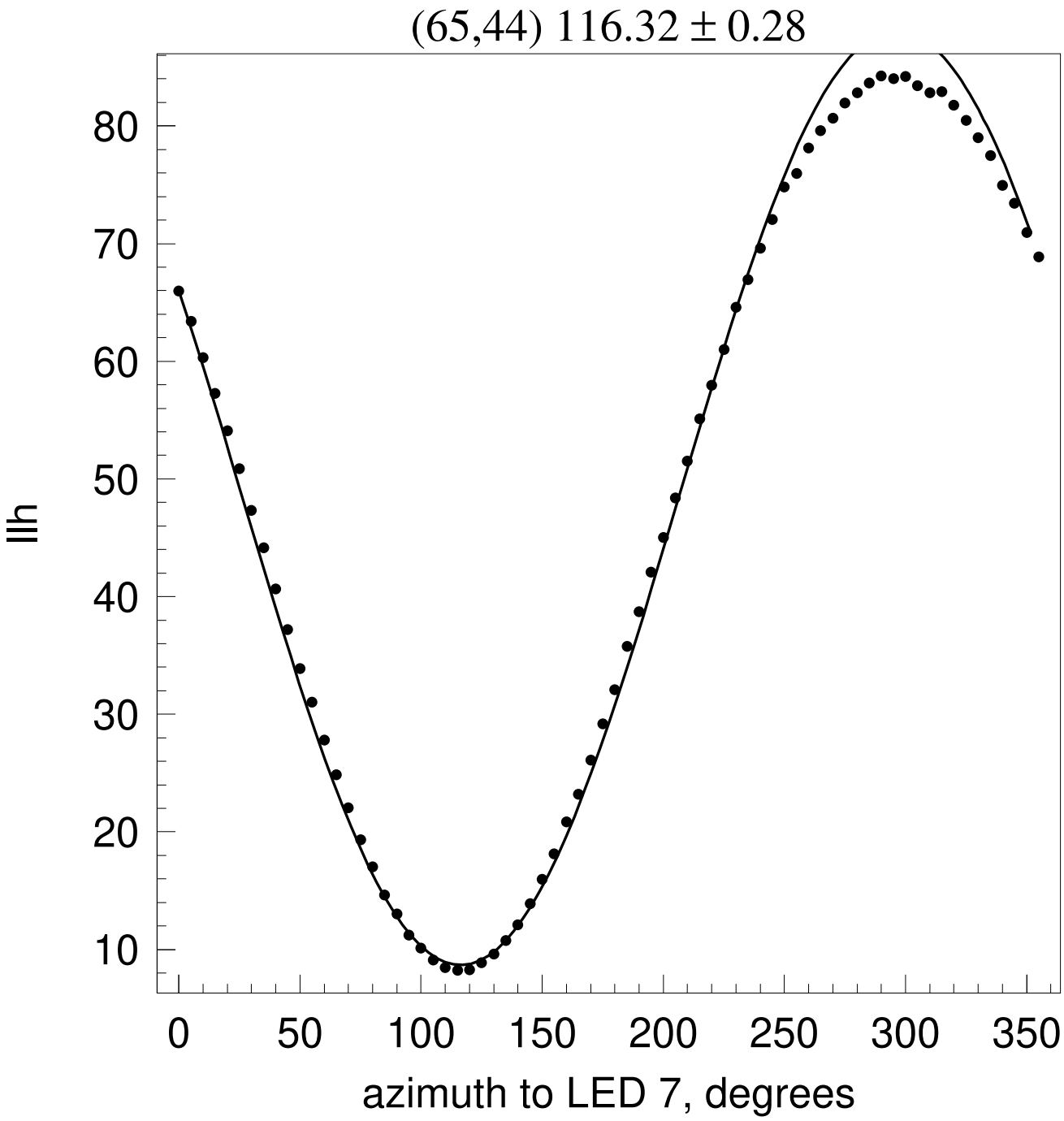

(65,39) 45.76 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

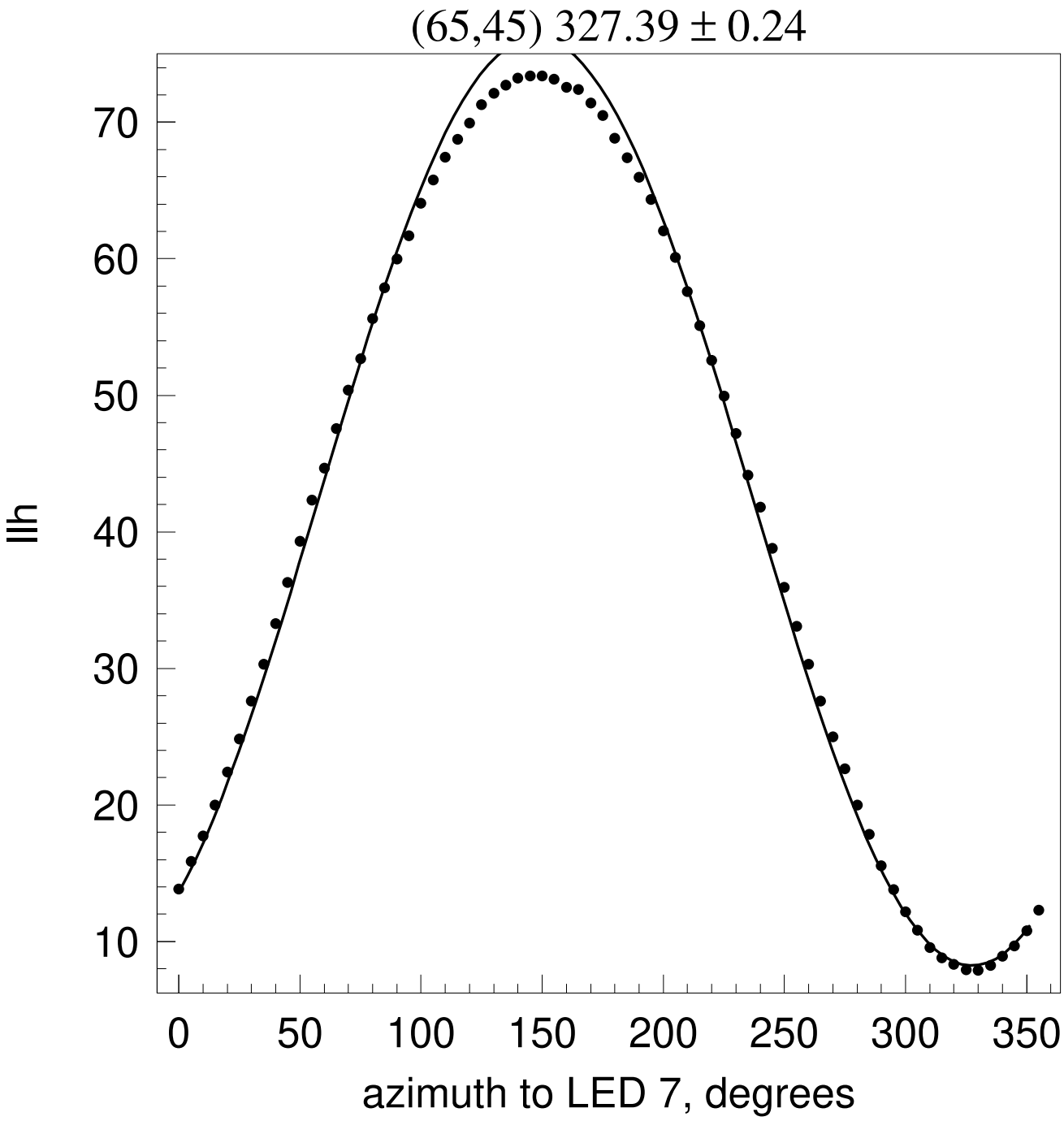

(65,40) 49.75 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

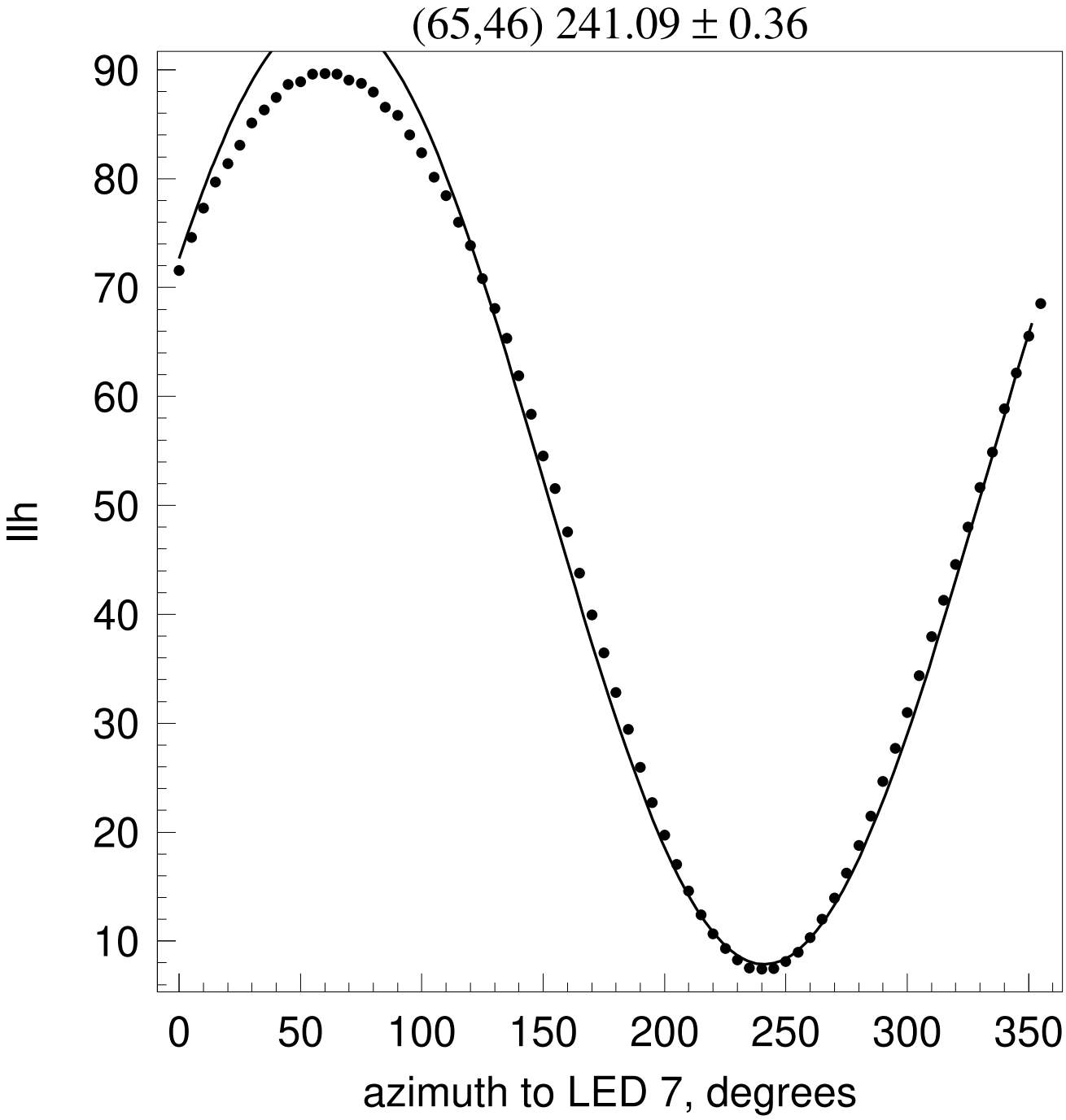

(65,41) 241.35 ± 0.29
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

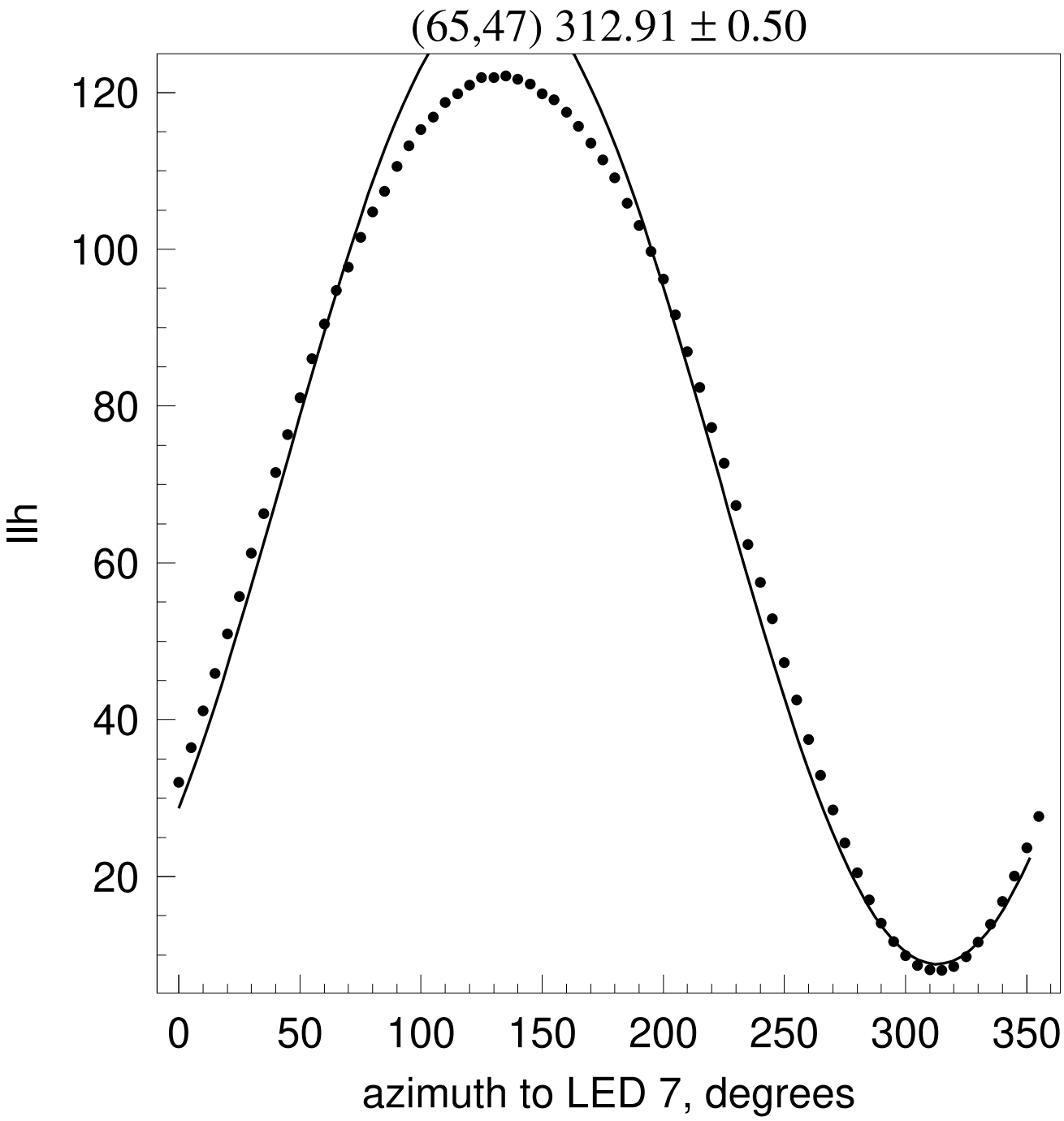

(65,42) 158.52 ± 0.48
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

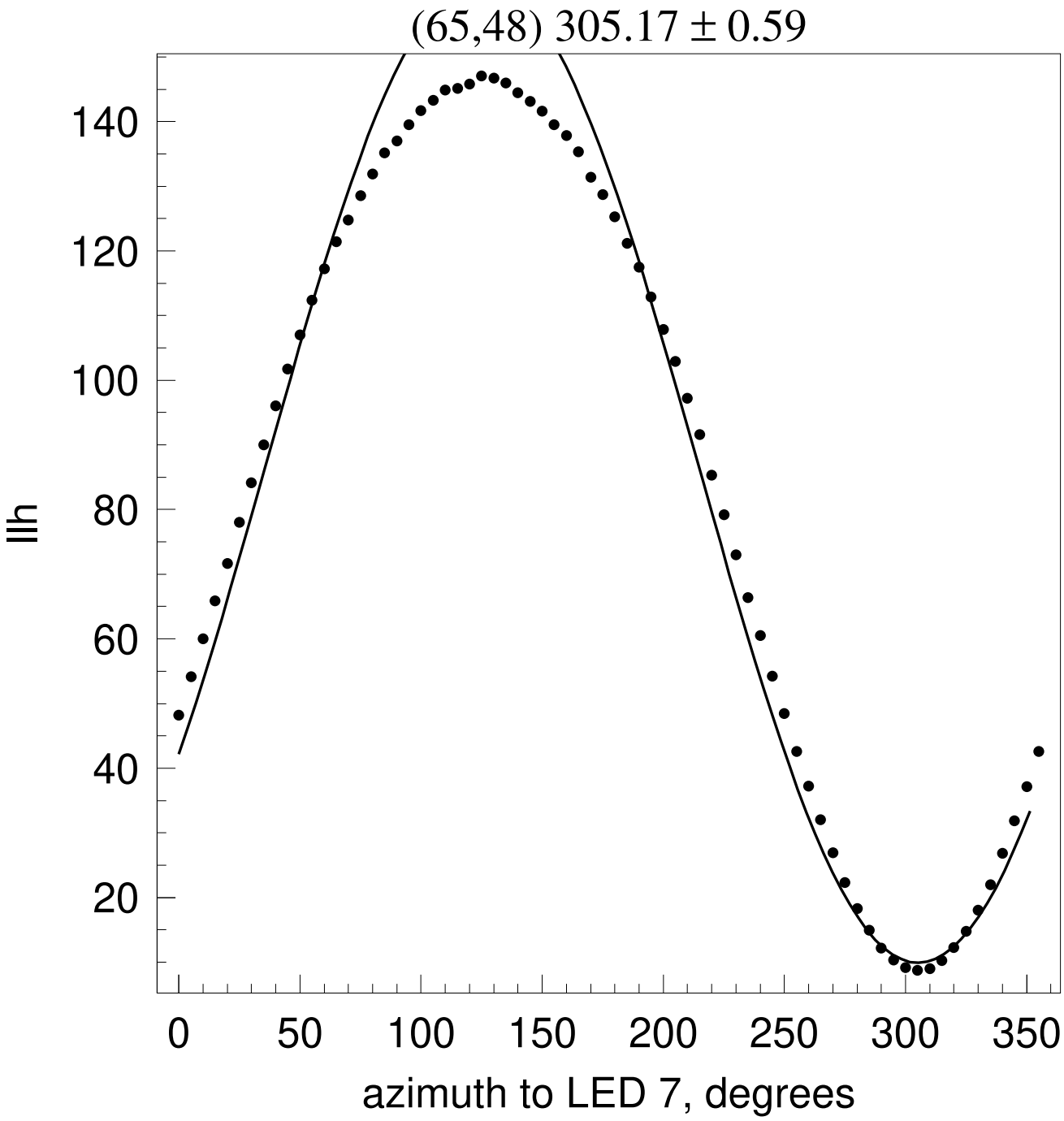

(65,43) 268.88 ± 0.55
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

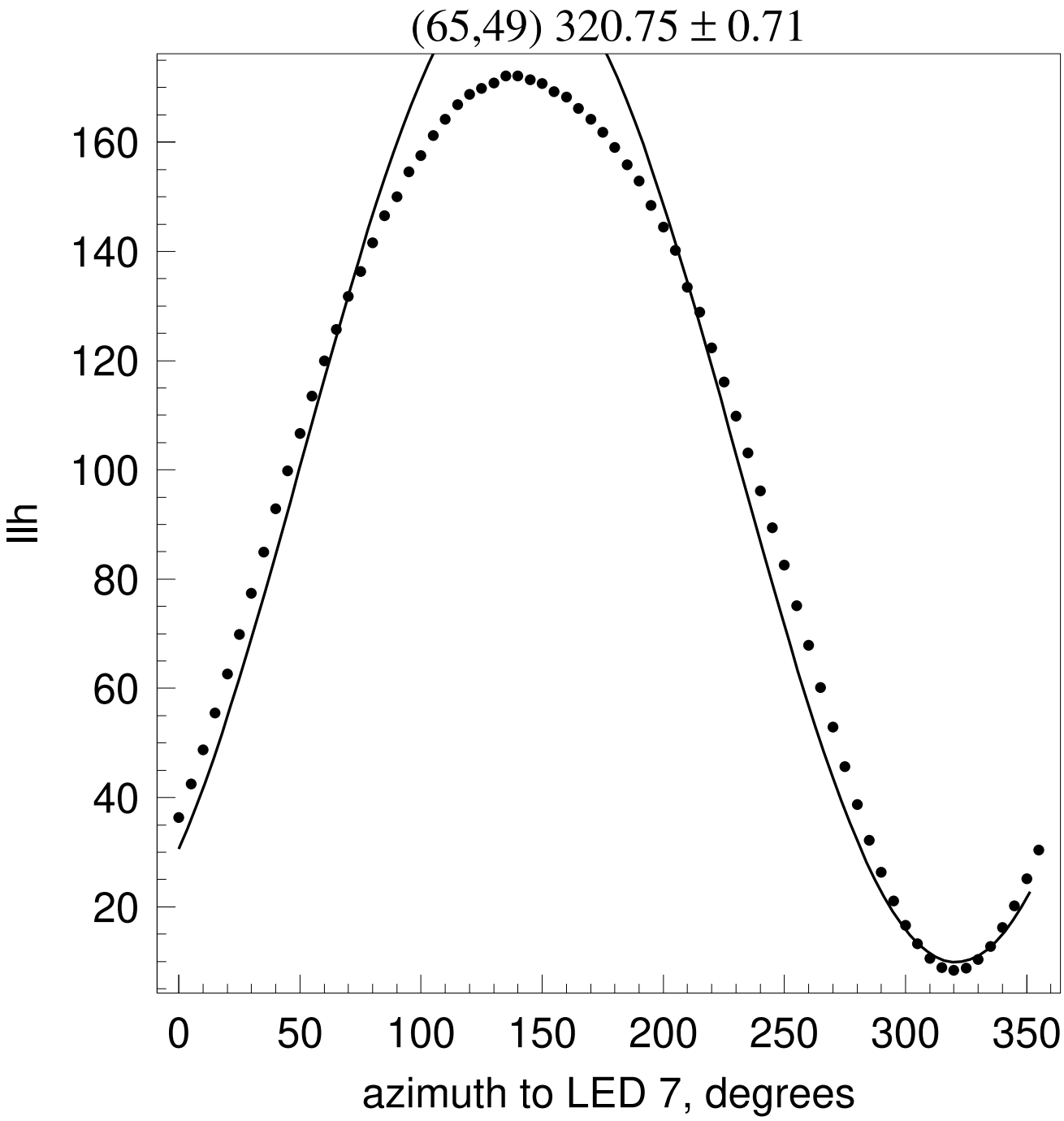

(65,44) 116.32 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

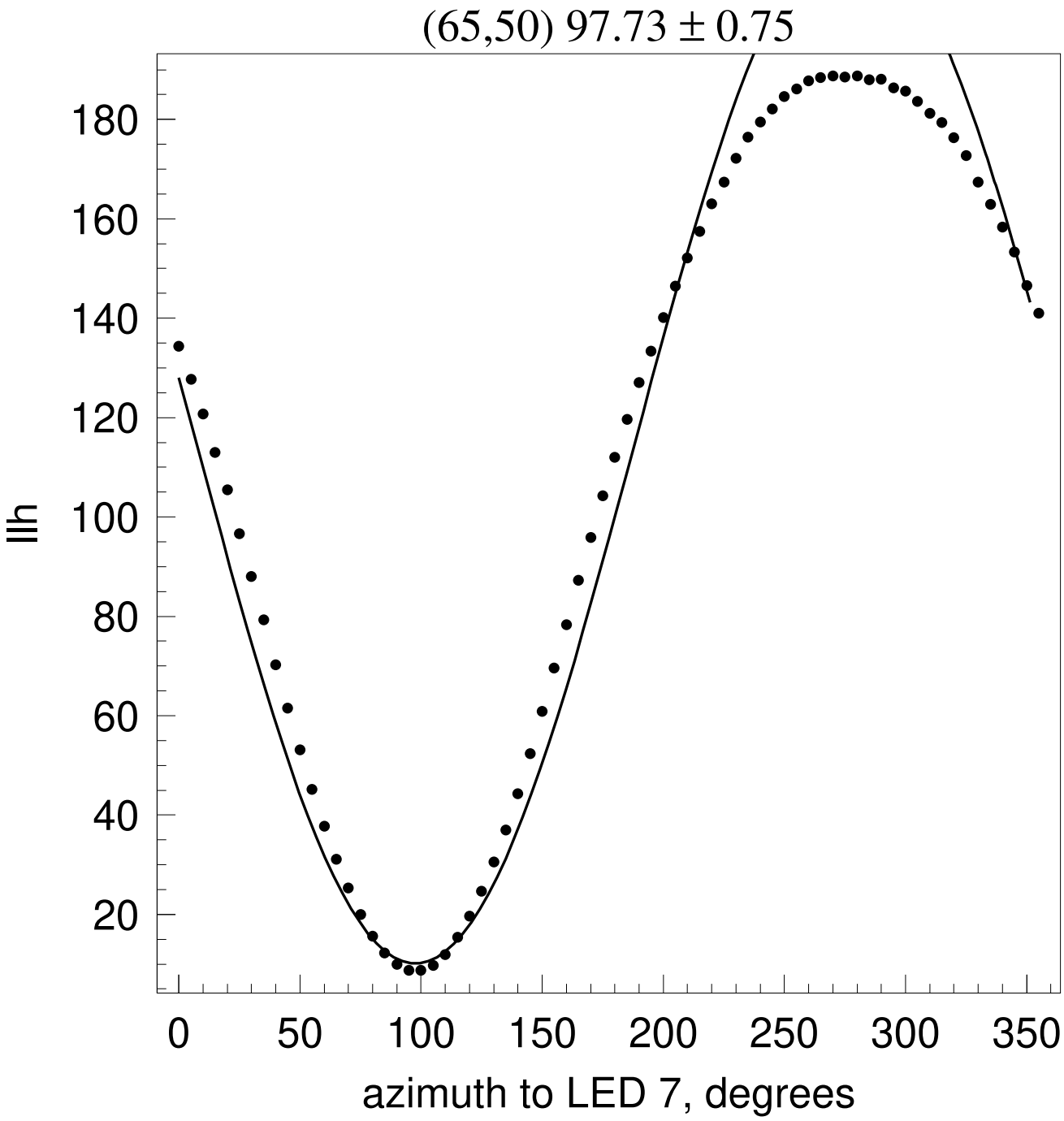

(65,45) 327.39 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

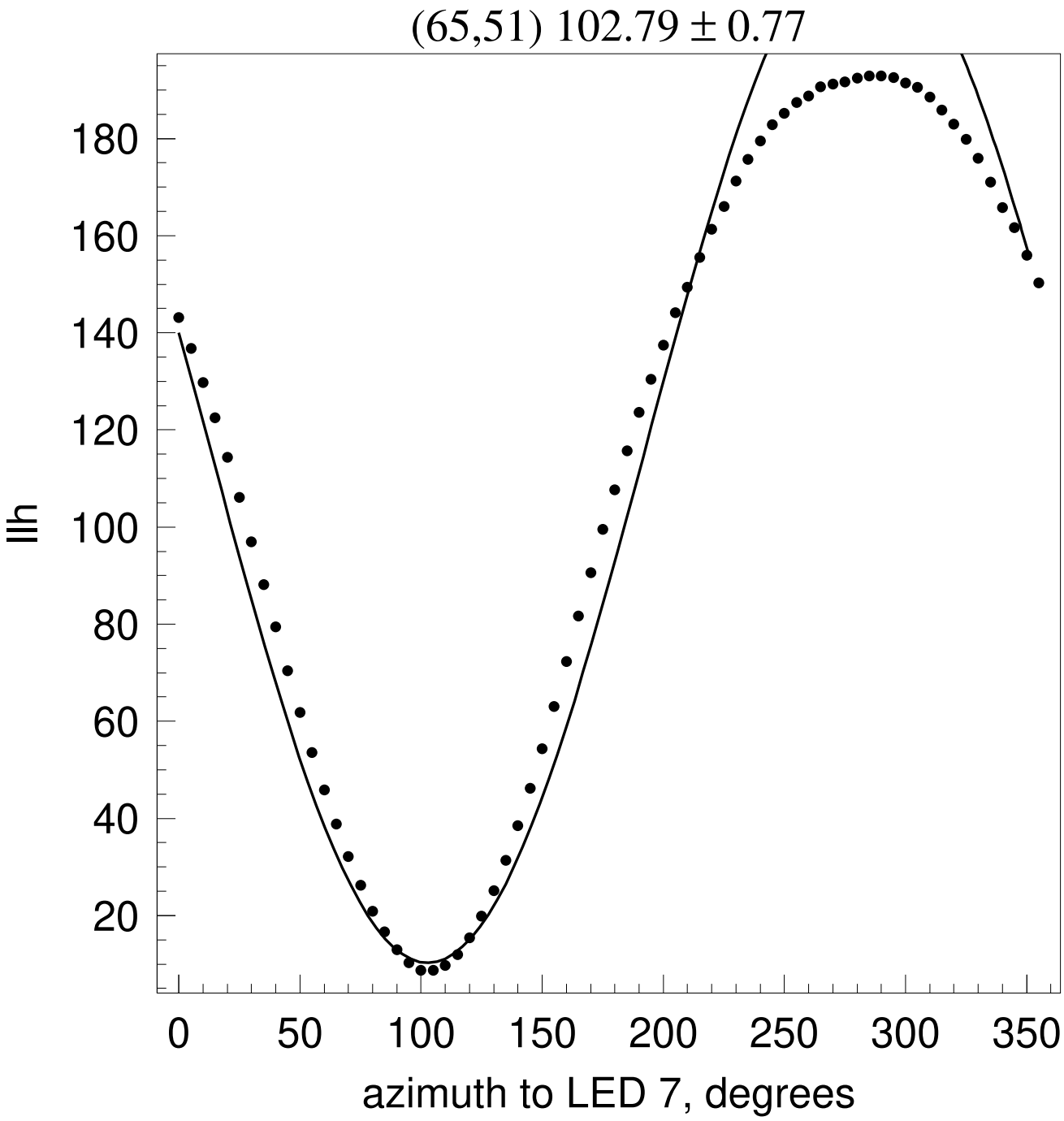

(65,46) 241.09 ± 0.36
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

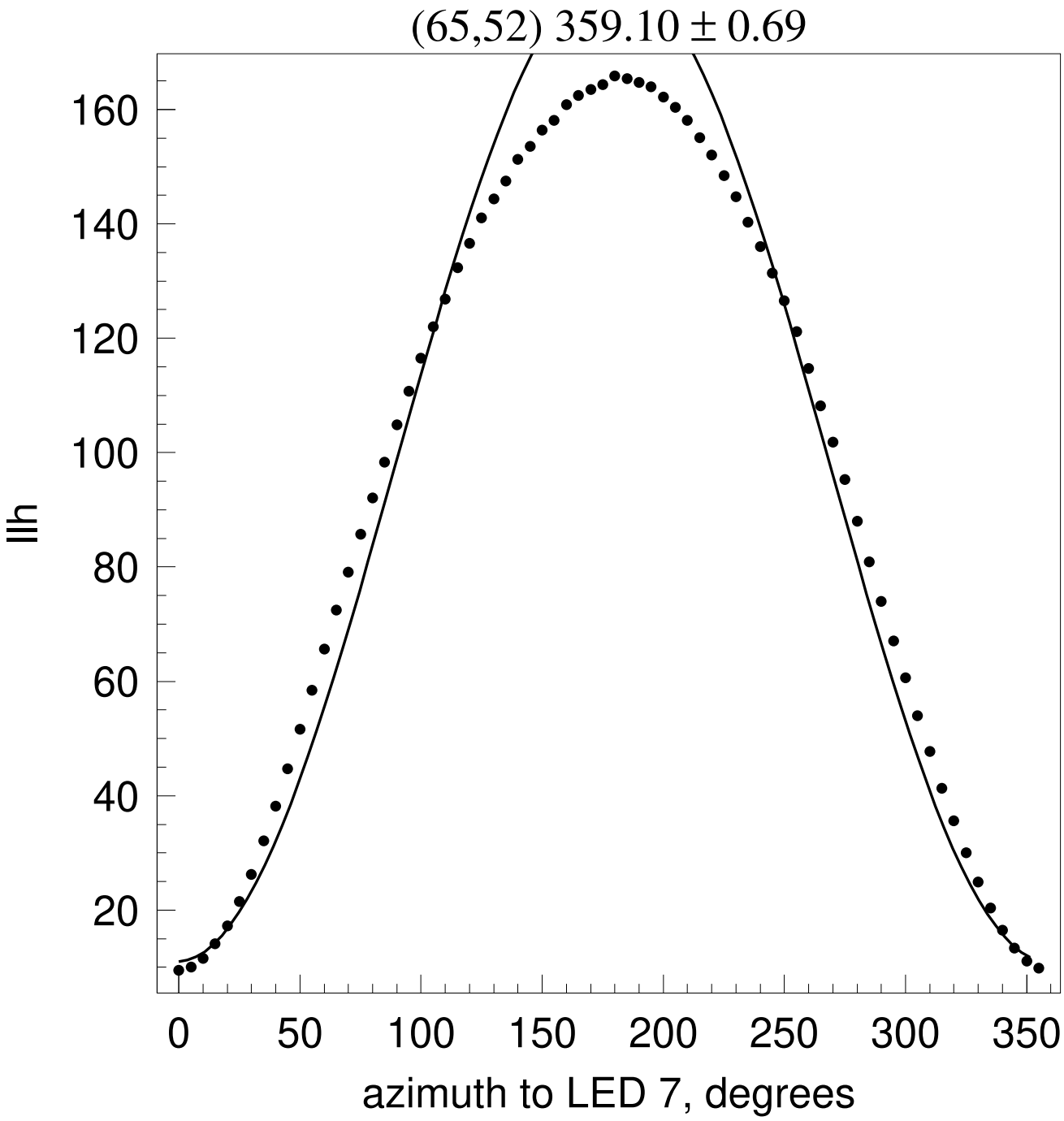

(65,47) 312.91 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

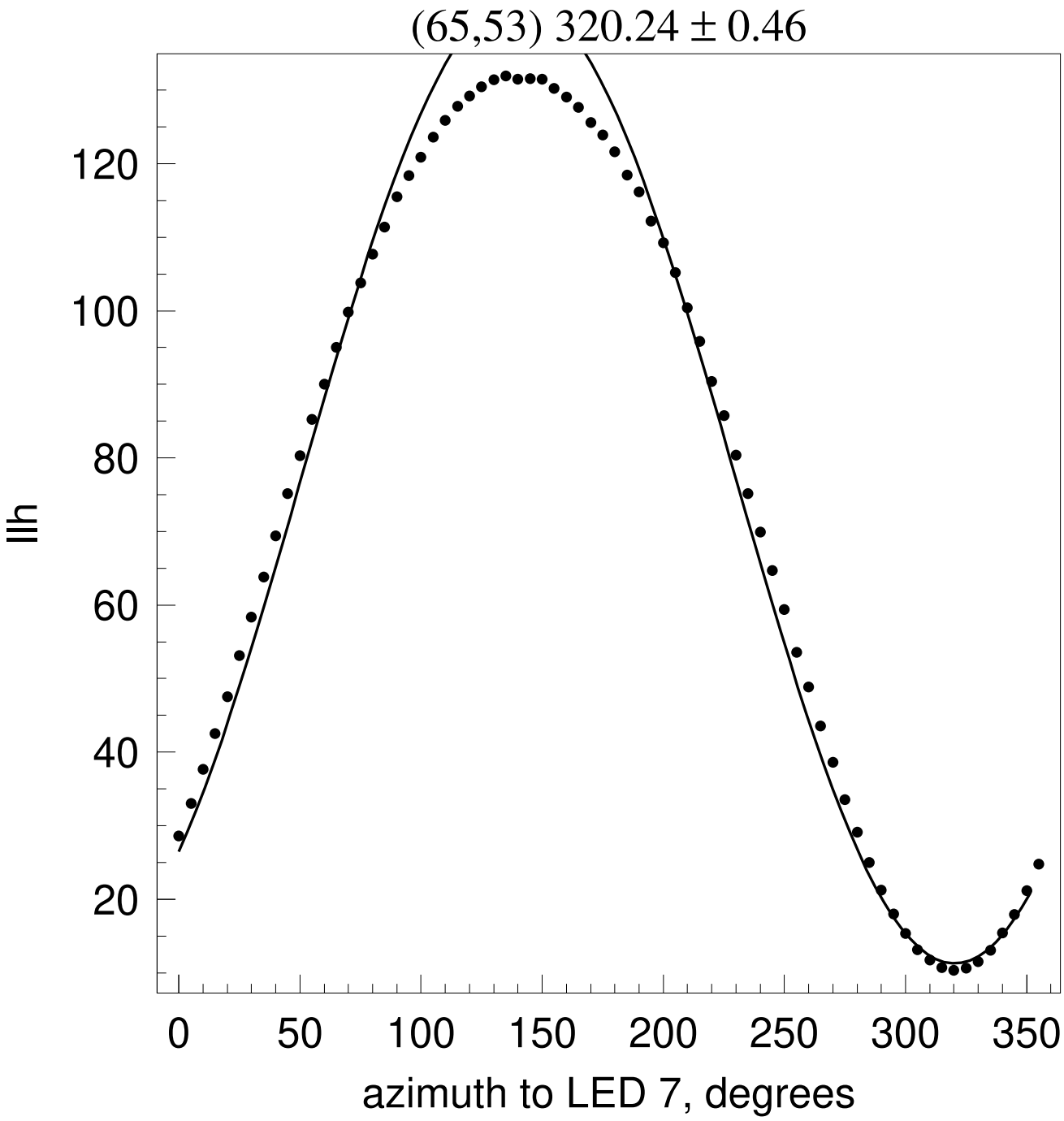

(65,48) 305.17 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

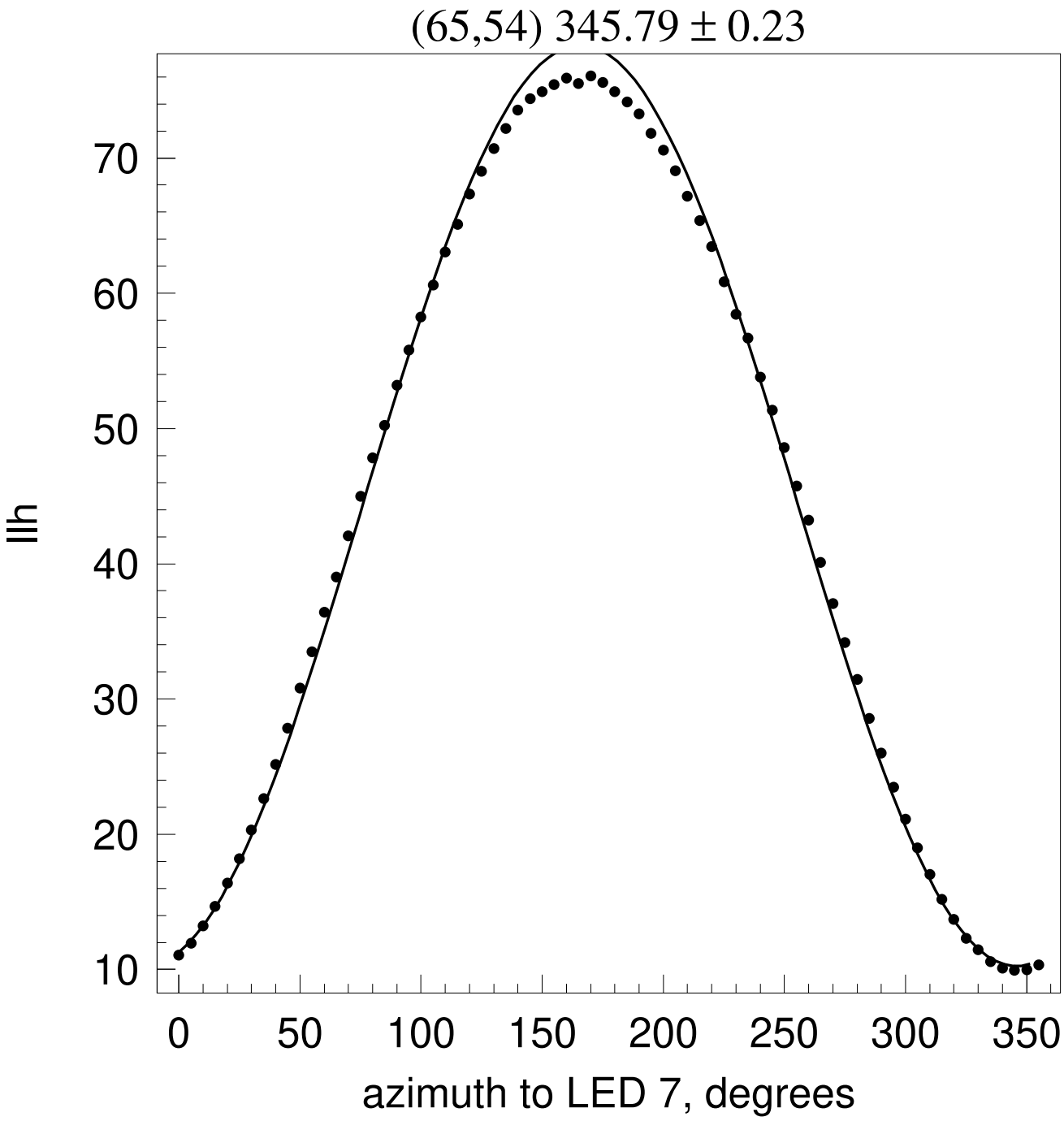

(65,49) 320.75 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

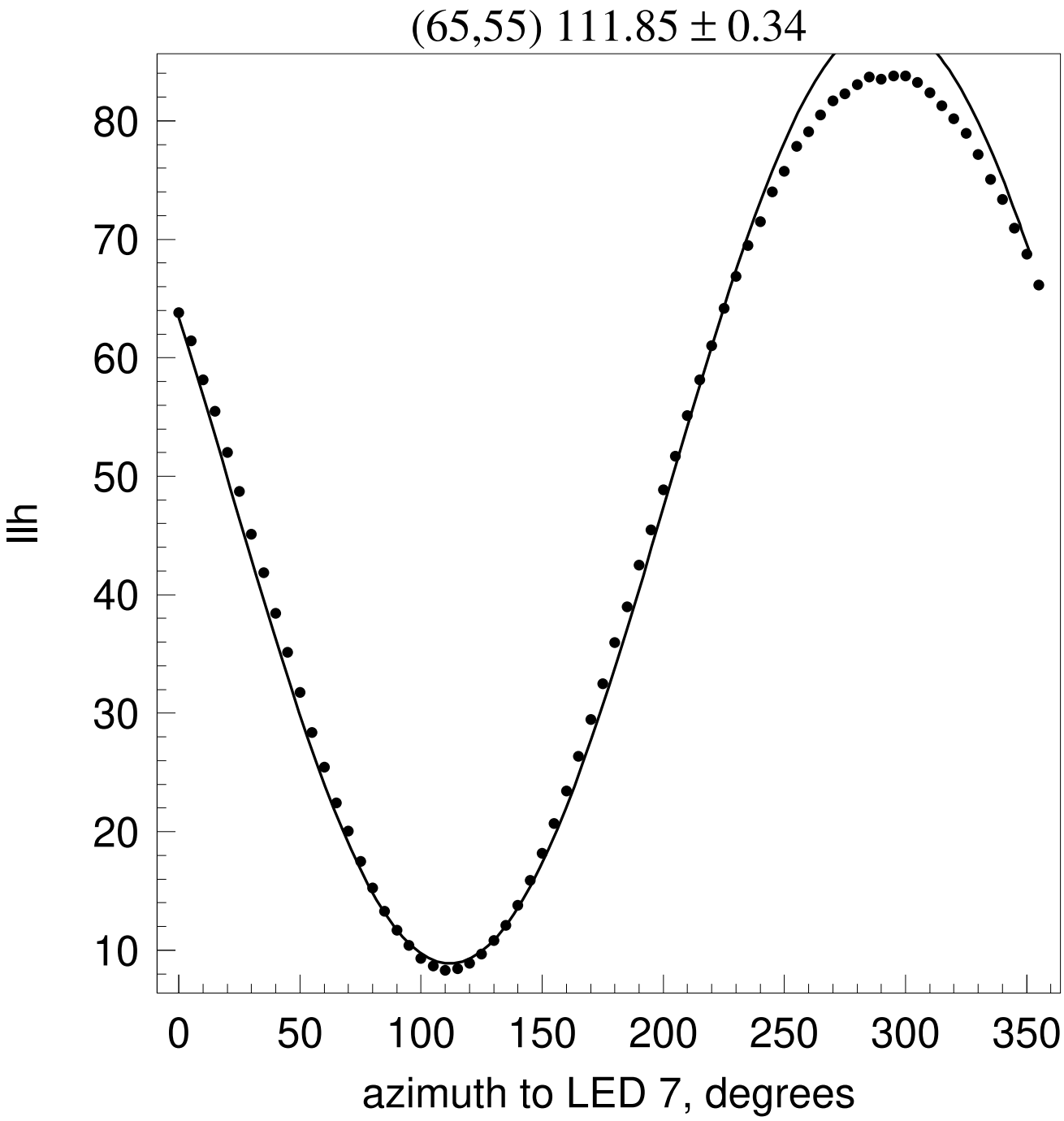

(65,50) 97.73 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

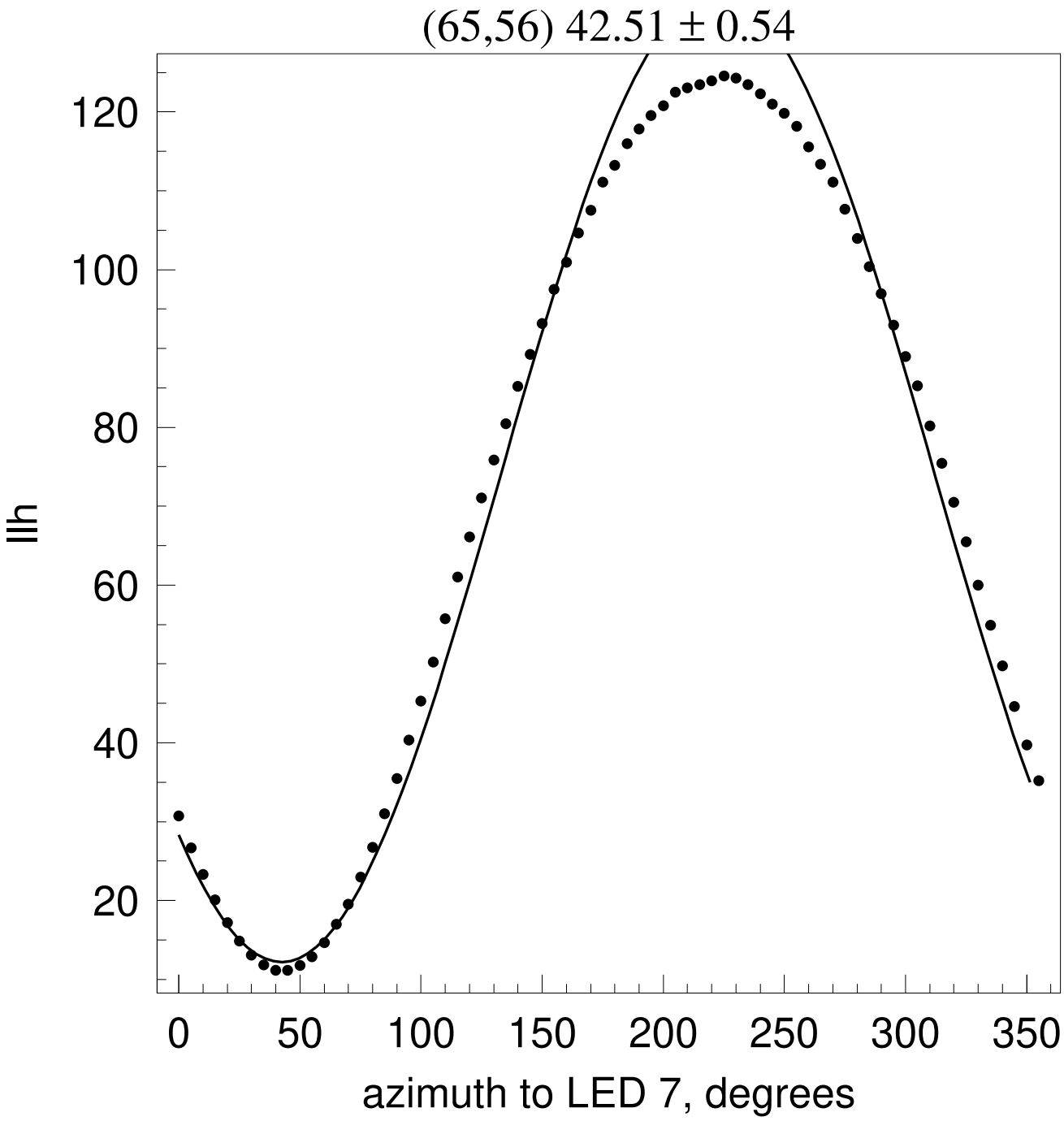

(65,51) 102.79 ± 0.77
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

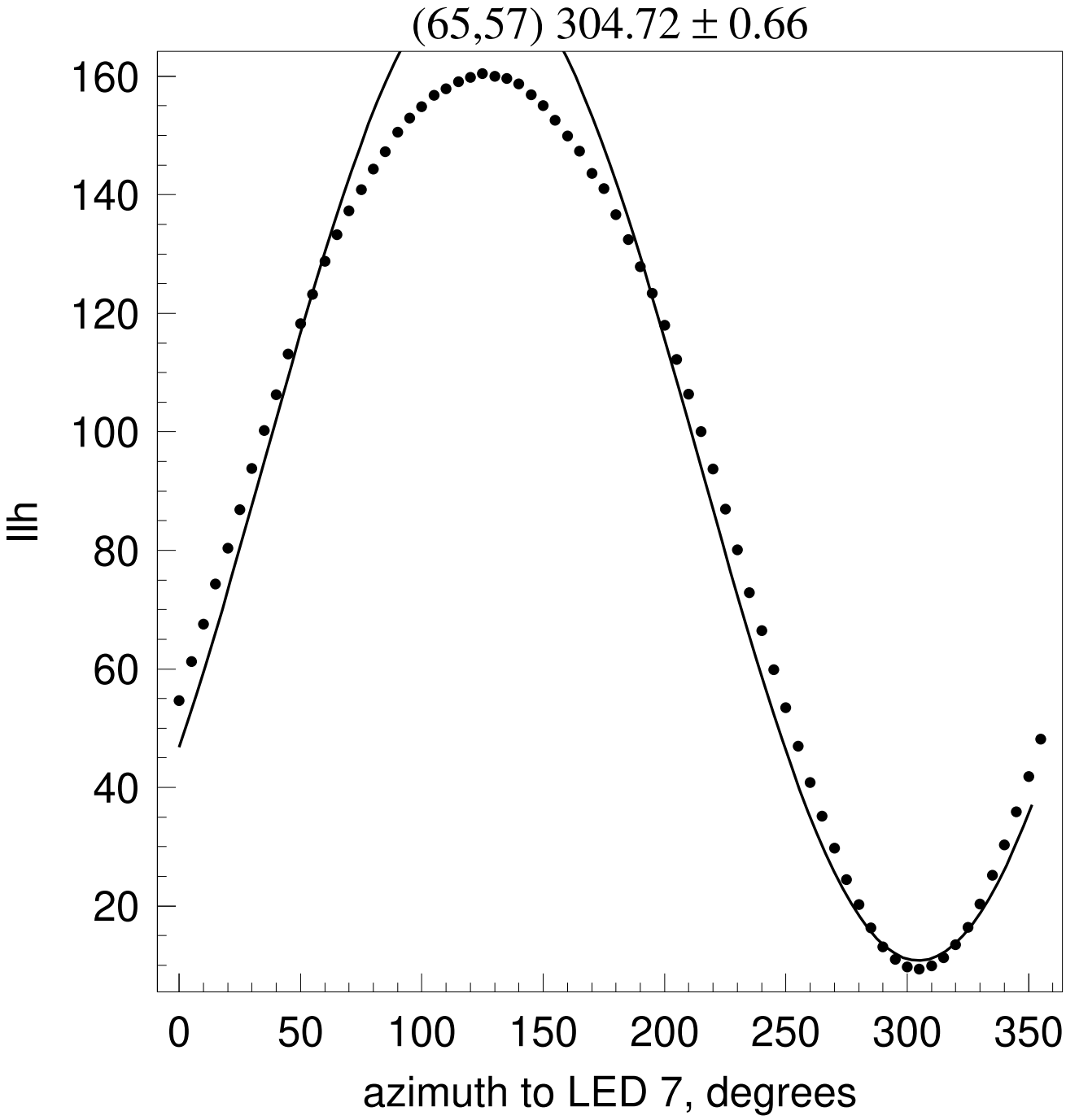

(65,52) 359.10 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

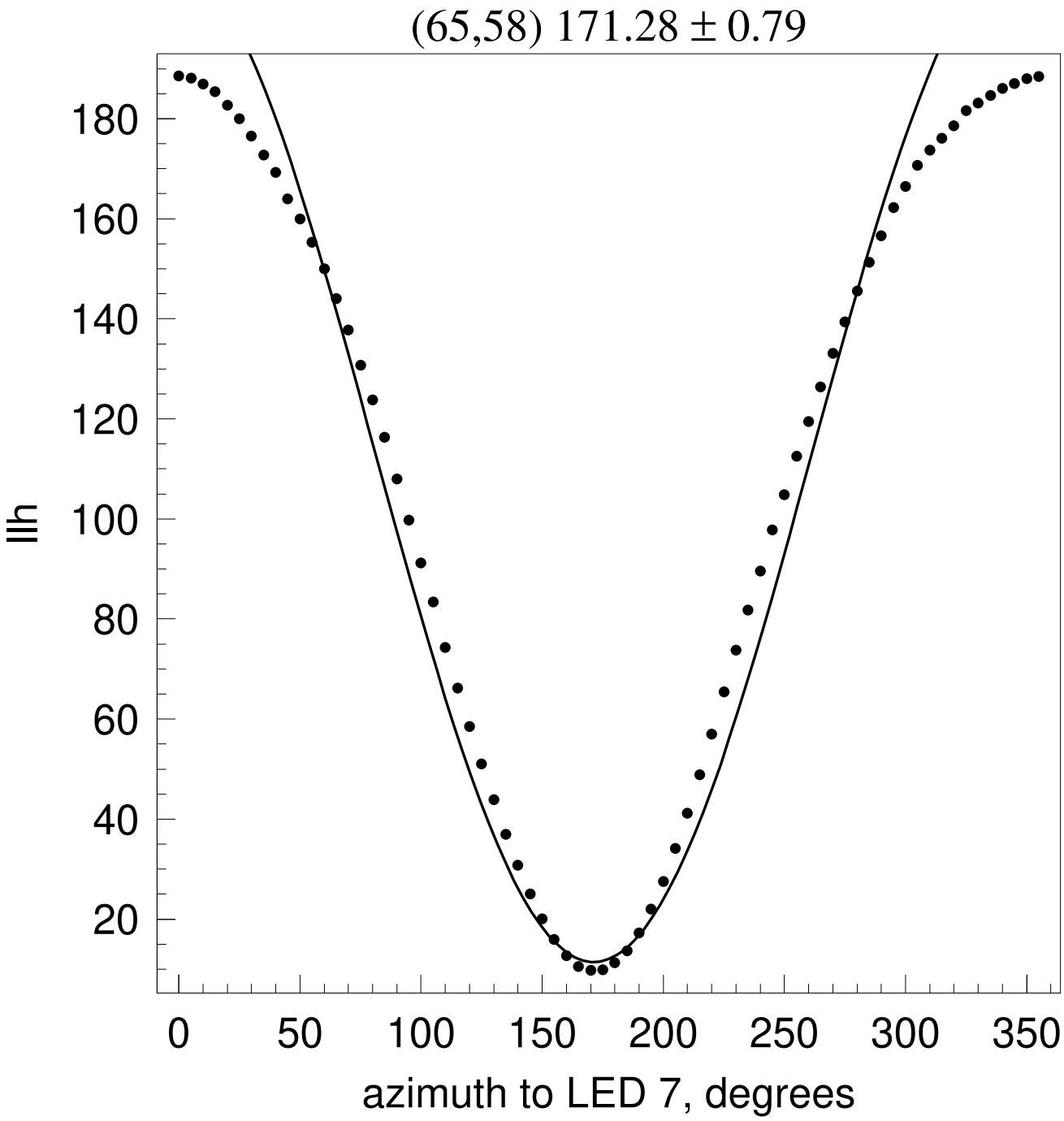

(65,53) 320.24 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

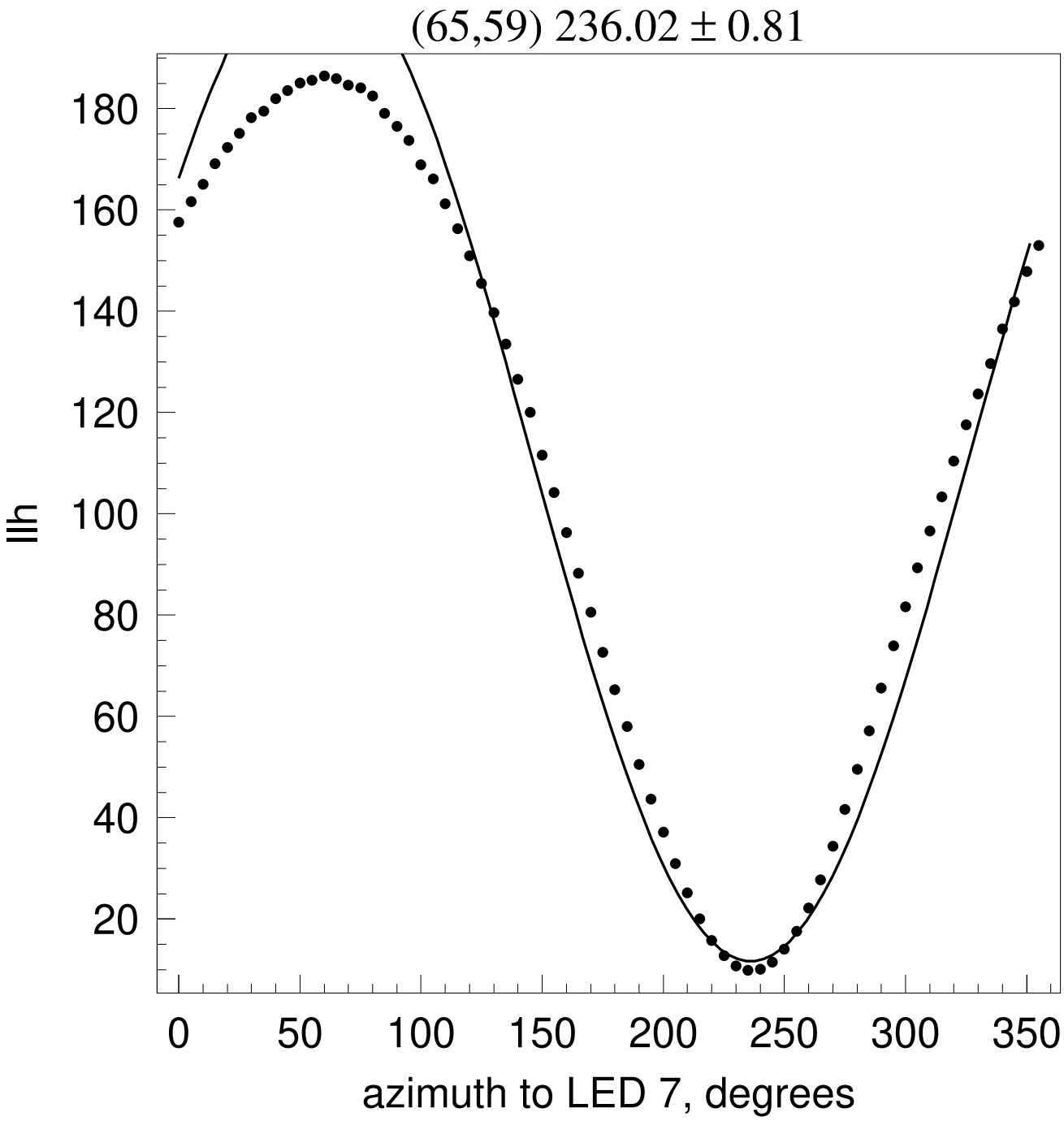

(65,54) 345.79 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

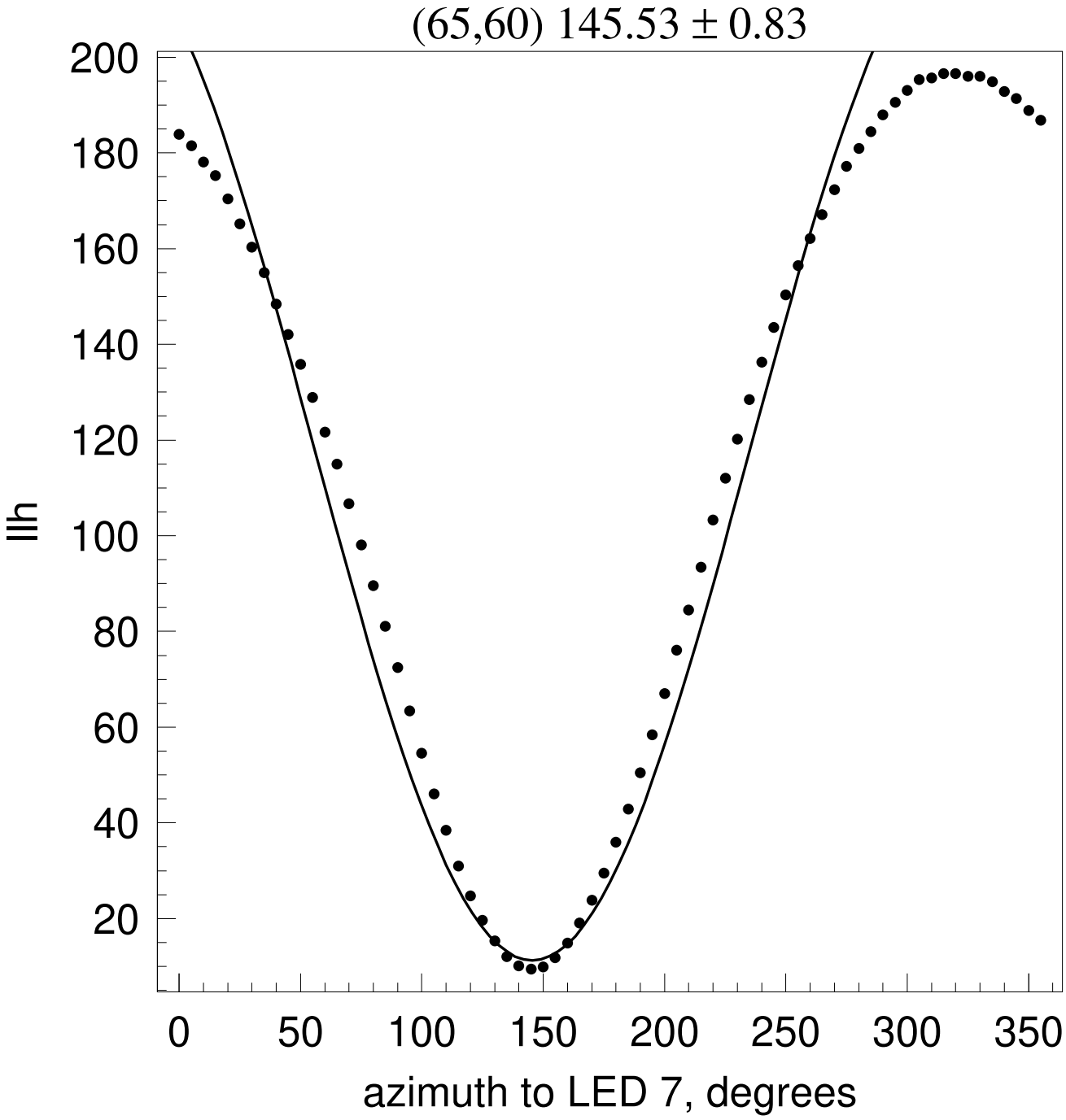

(65,55) 111.85 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

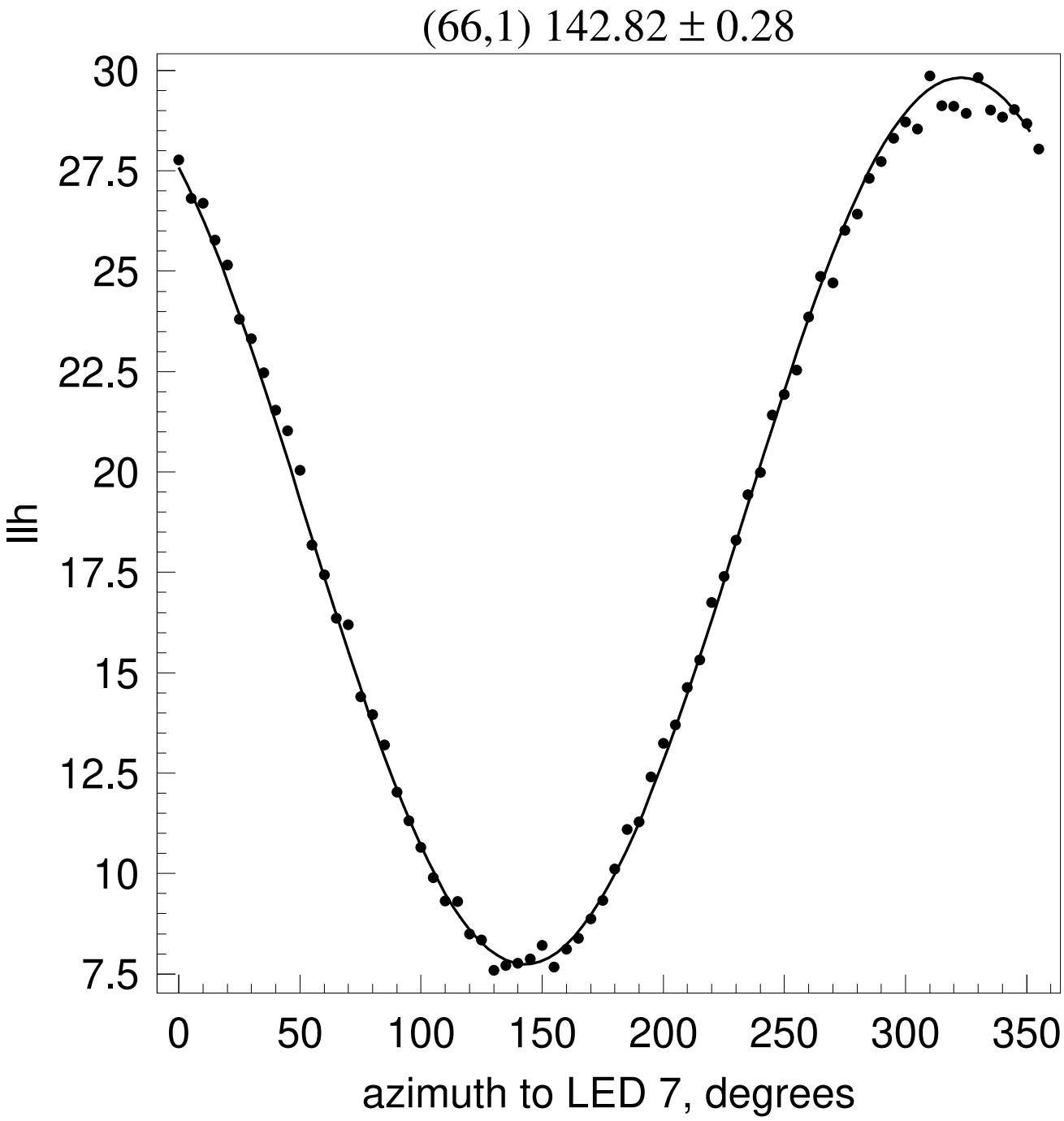

(65,56) 42.51 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

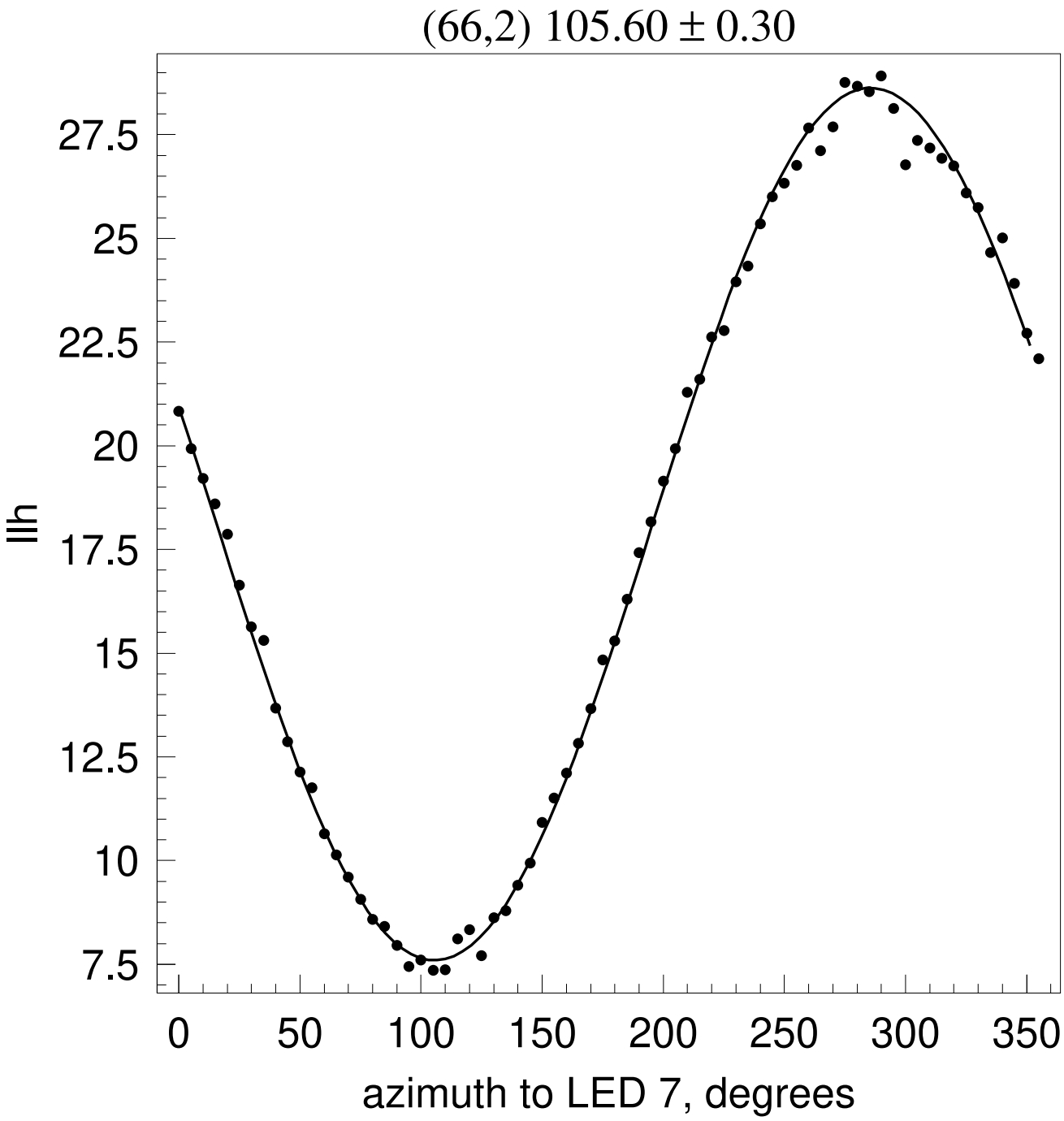

(65,57) 304.72 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

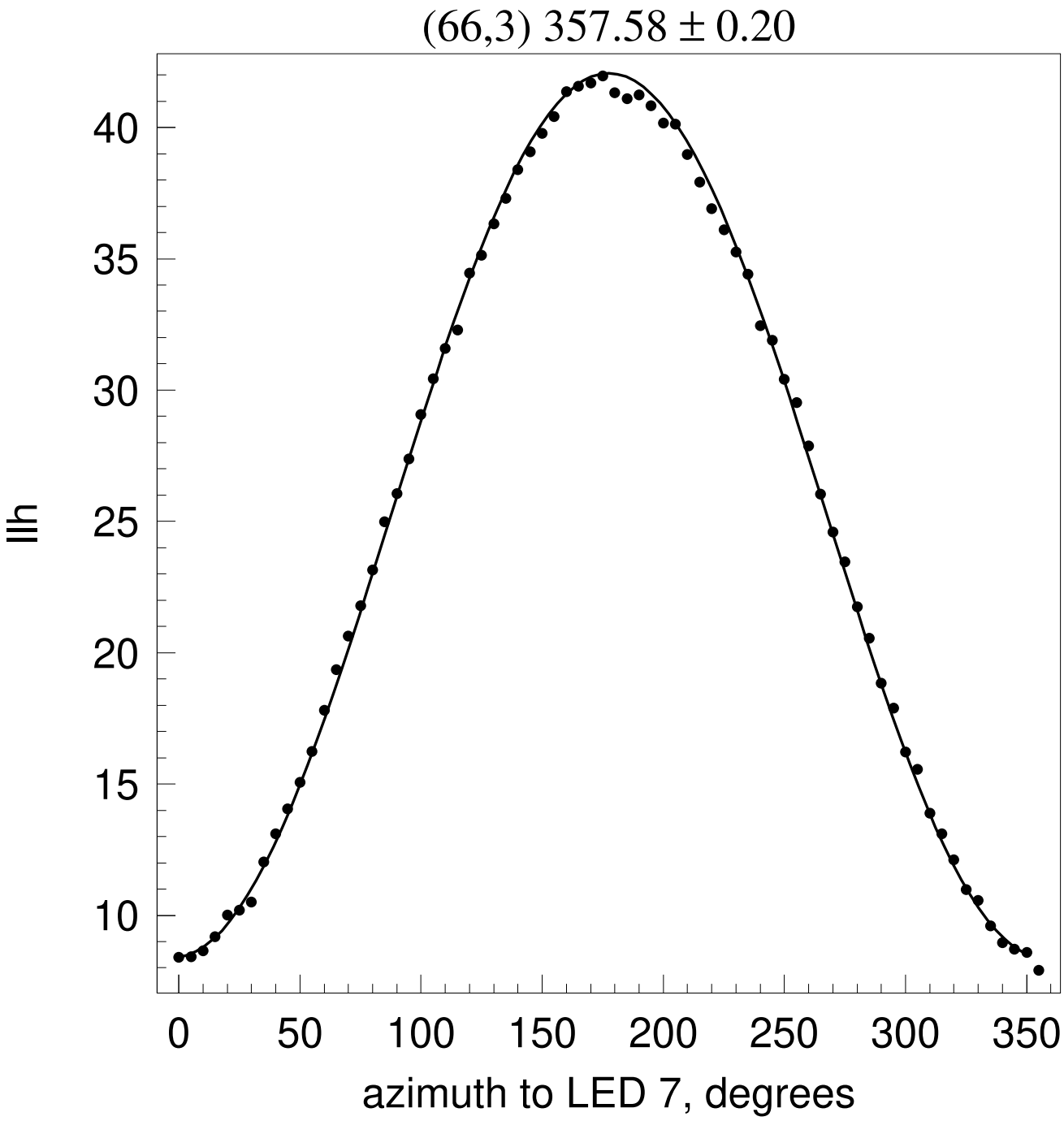

(65,58) 171.28 ± 0.79
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

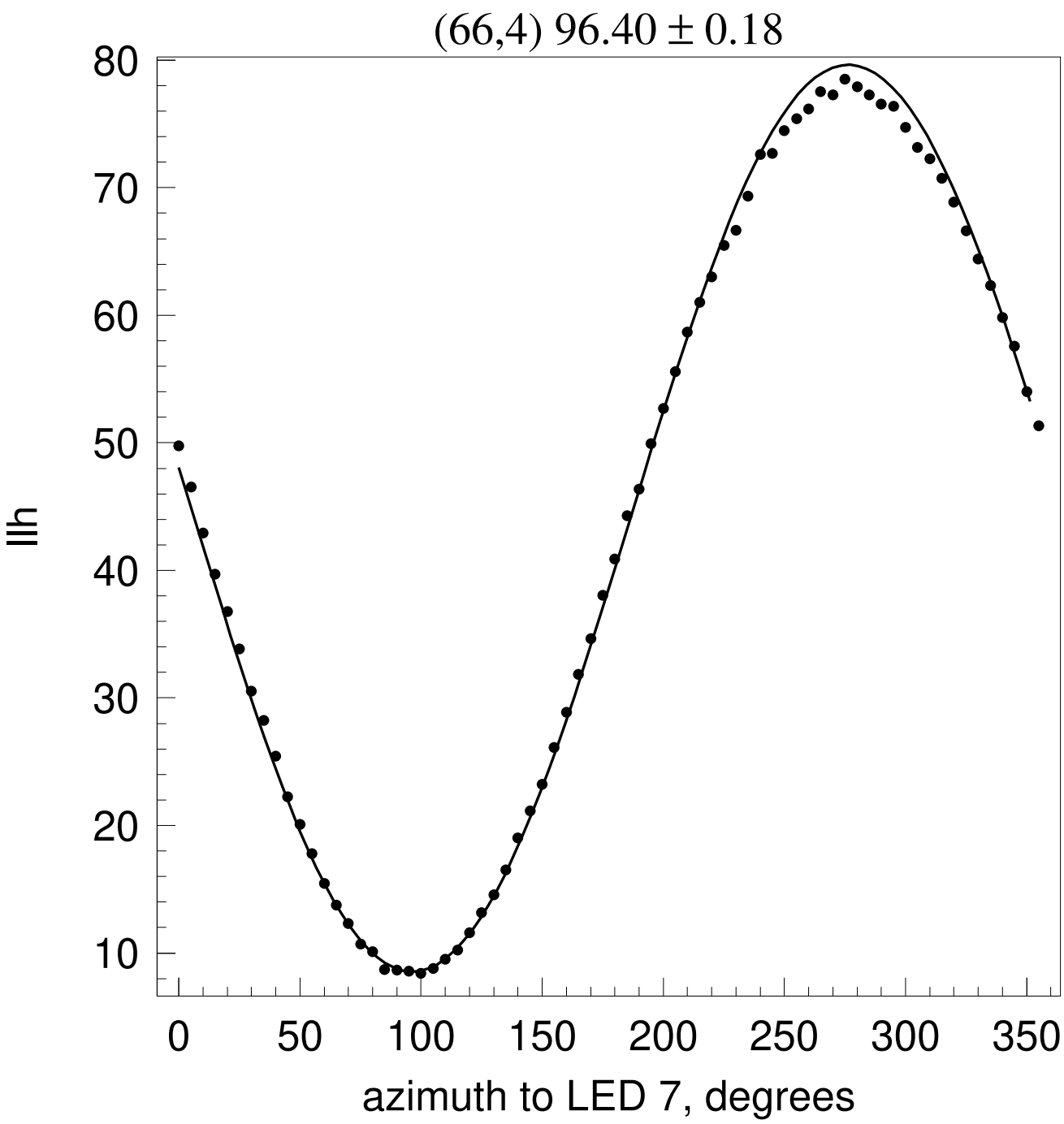

(65,59) 236.02 ± 0.81
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

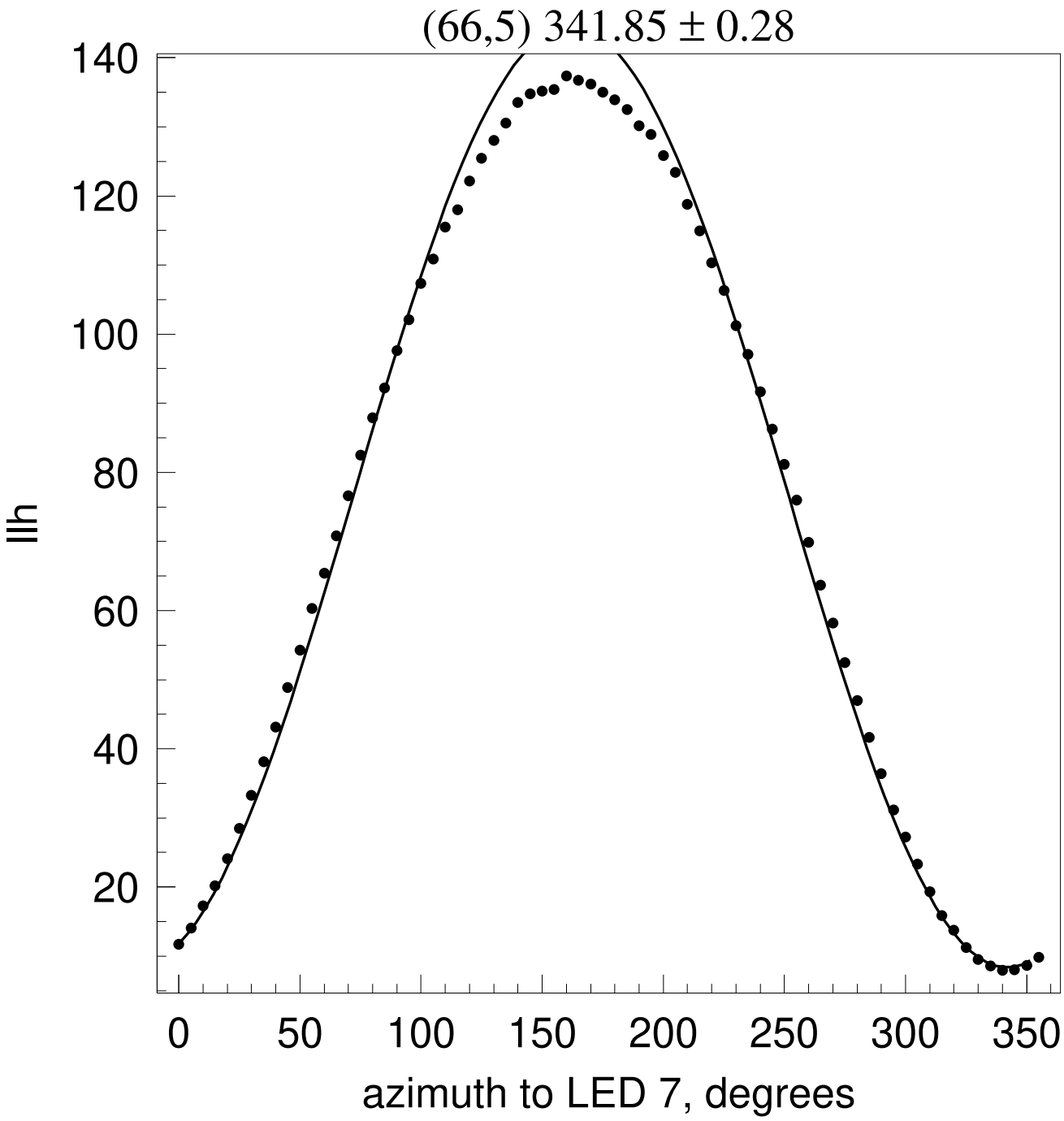

(65,60) 145.53 ± 0.83
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

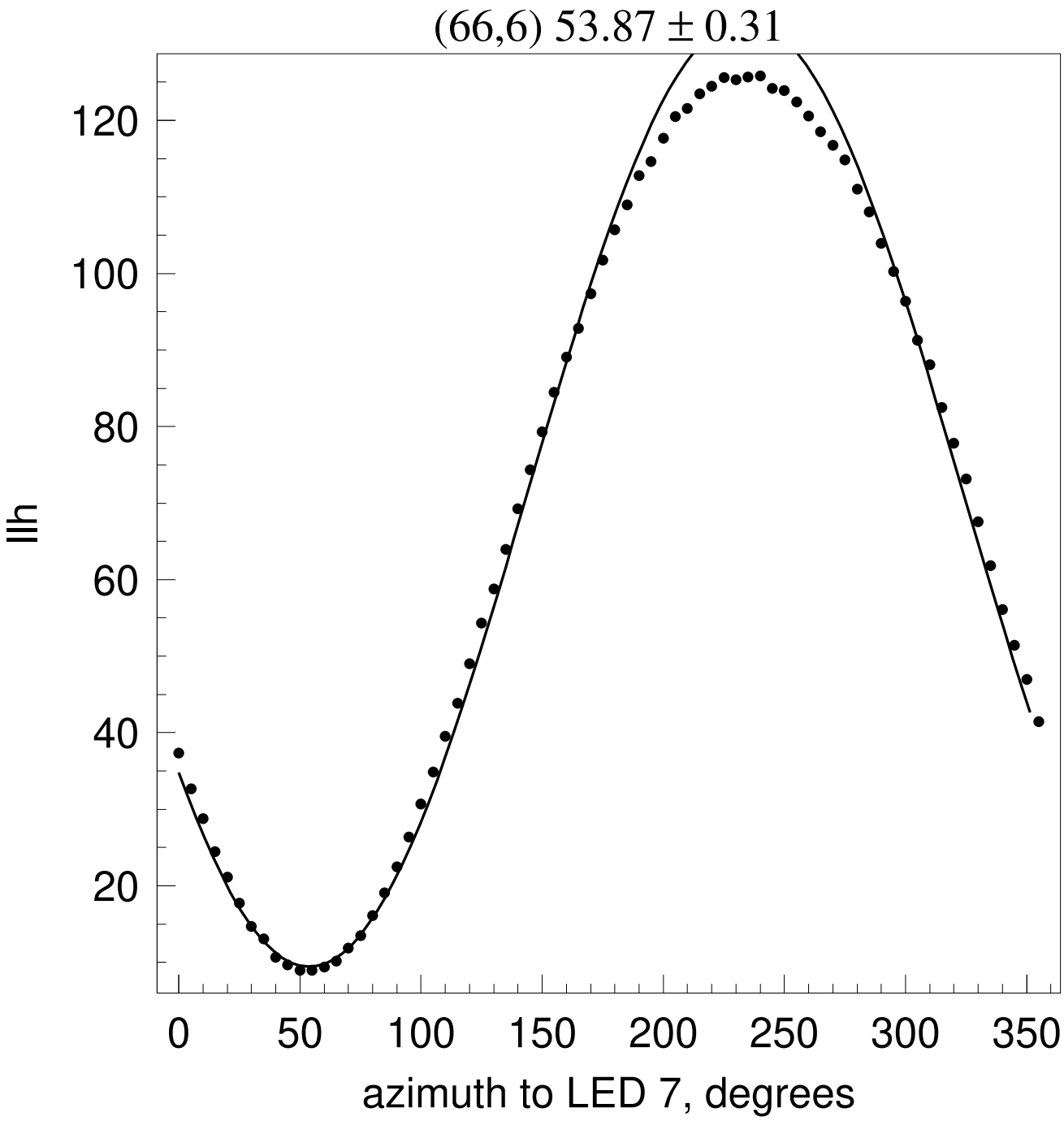

(66,1) 142.82 ± 0.28
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

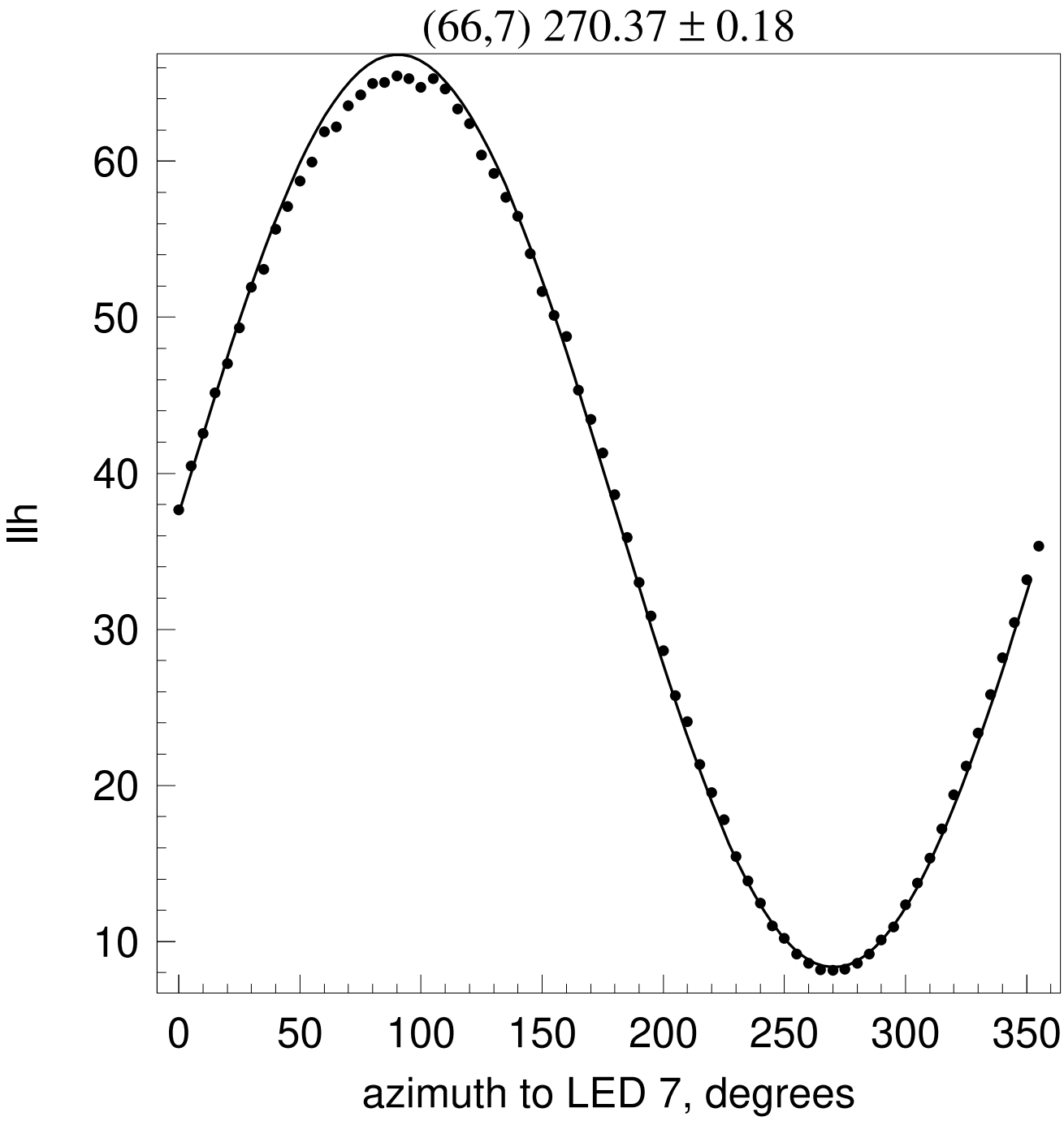

(66,2) 105.60 ± 0.30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

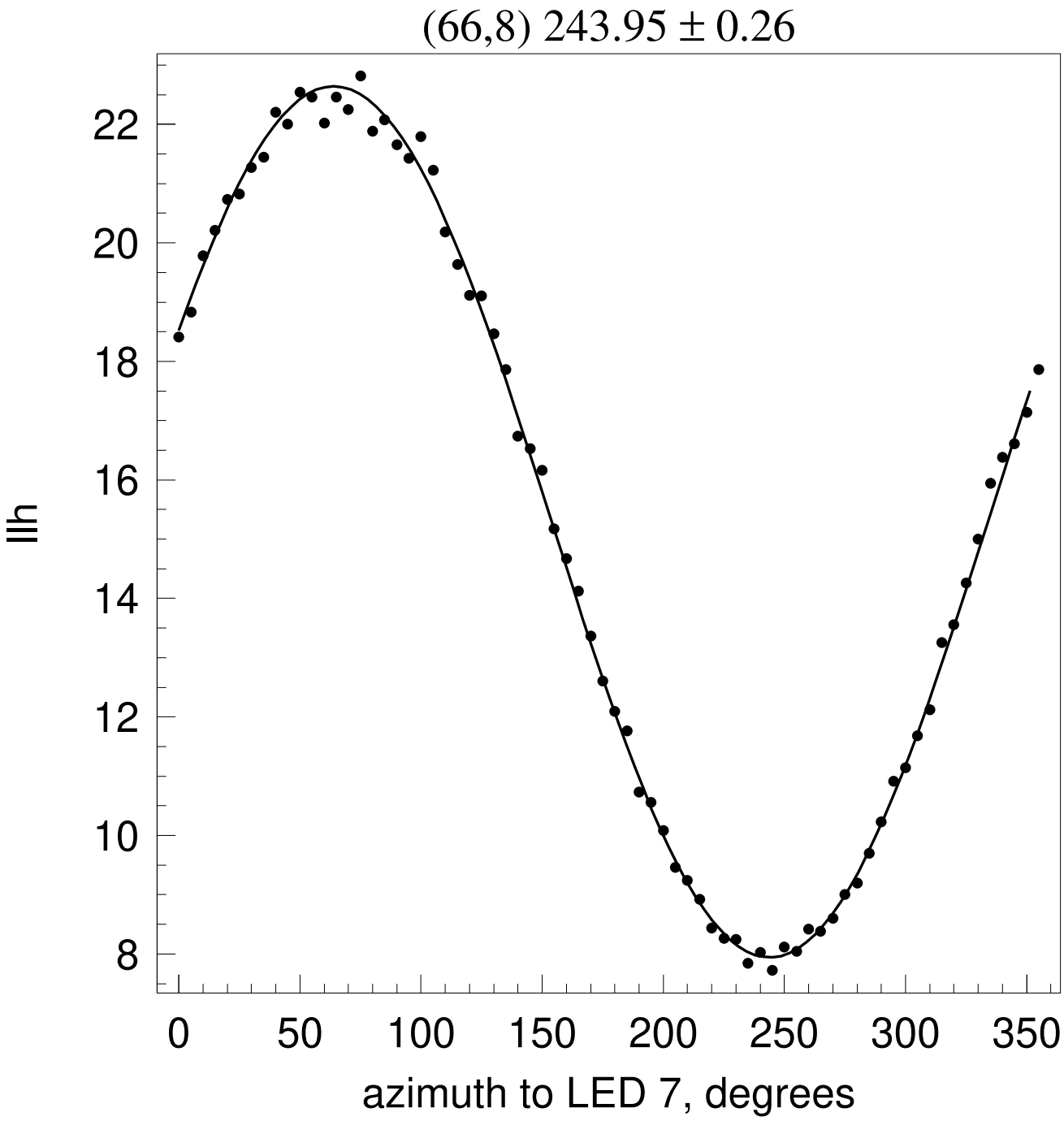

(66,3) 357.58 ± 0.20
40
35
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

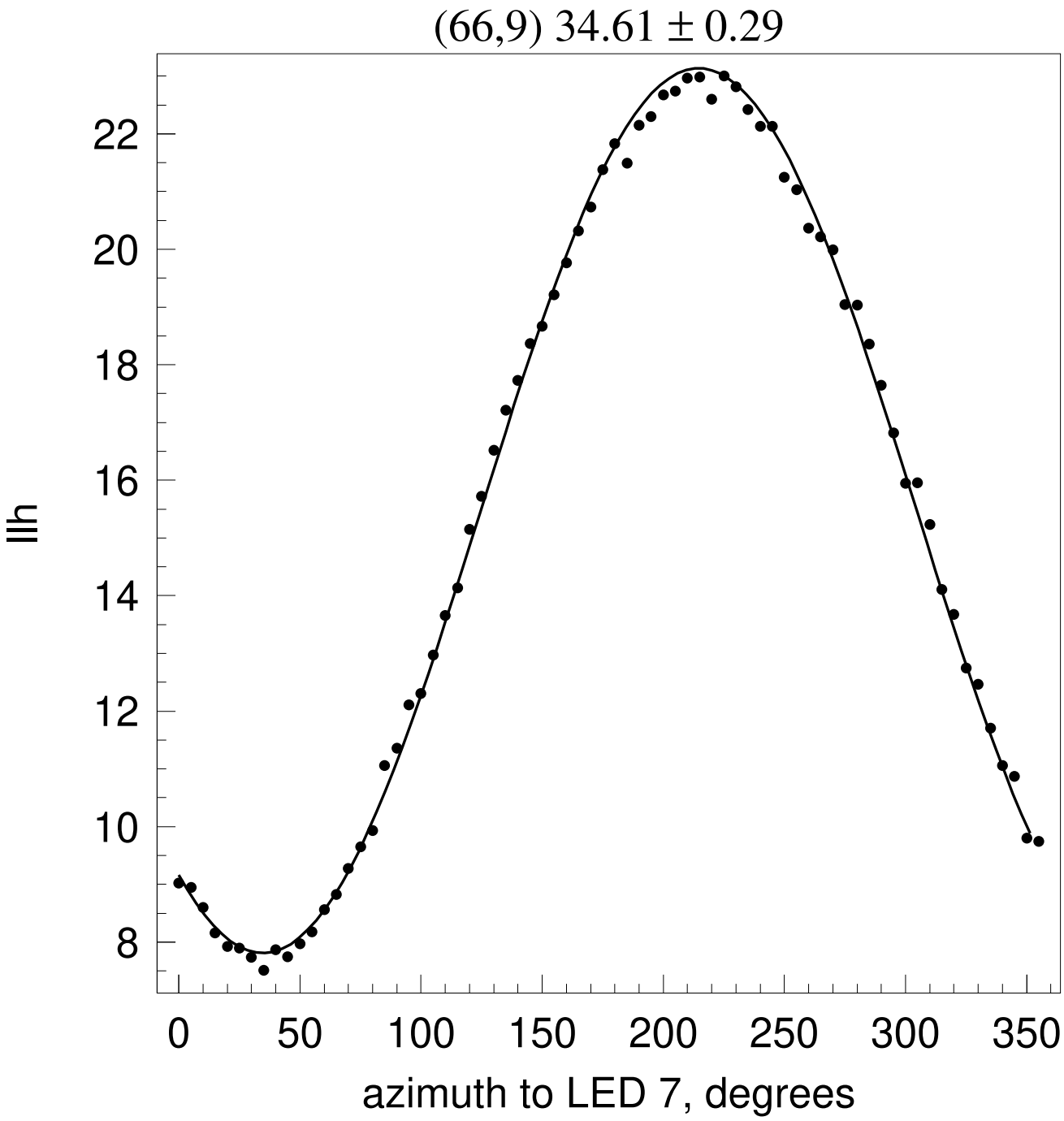

(66,4) 96.40 ± 0.18
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

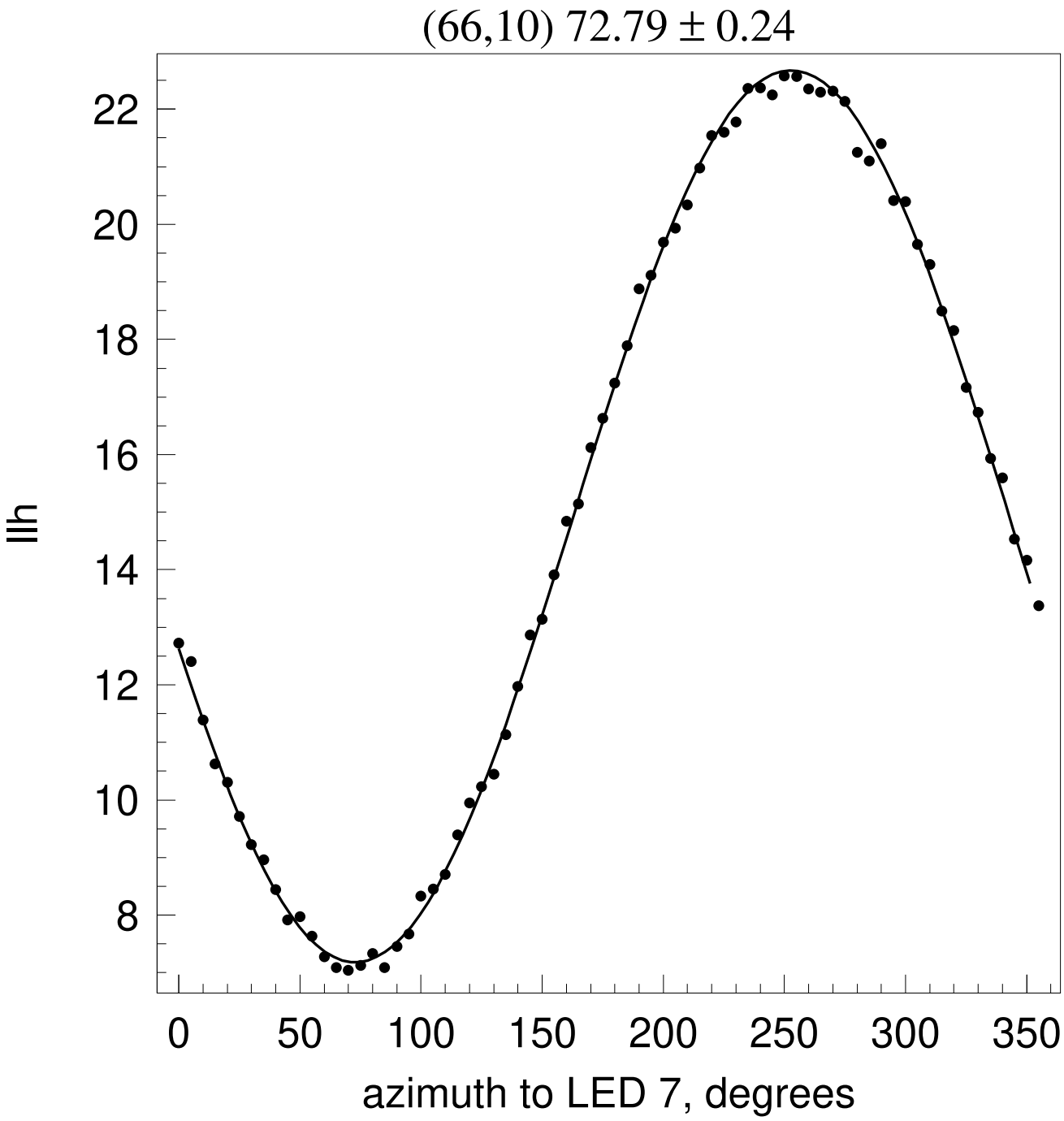

(66,5) 341.85 ± 0.28
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

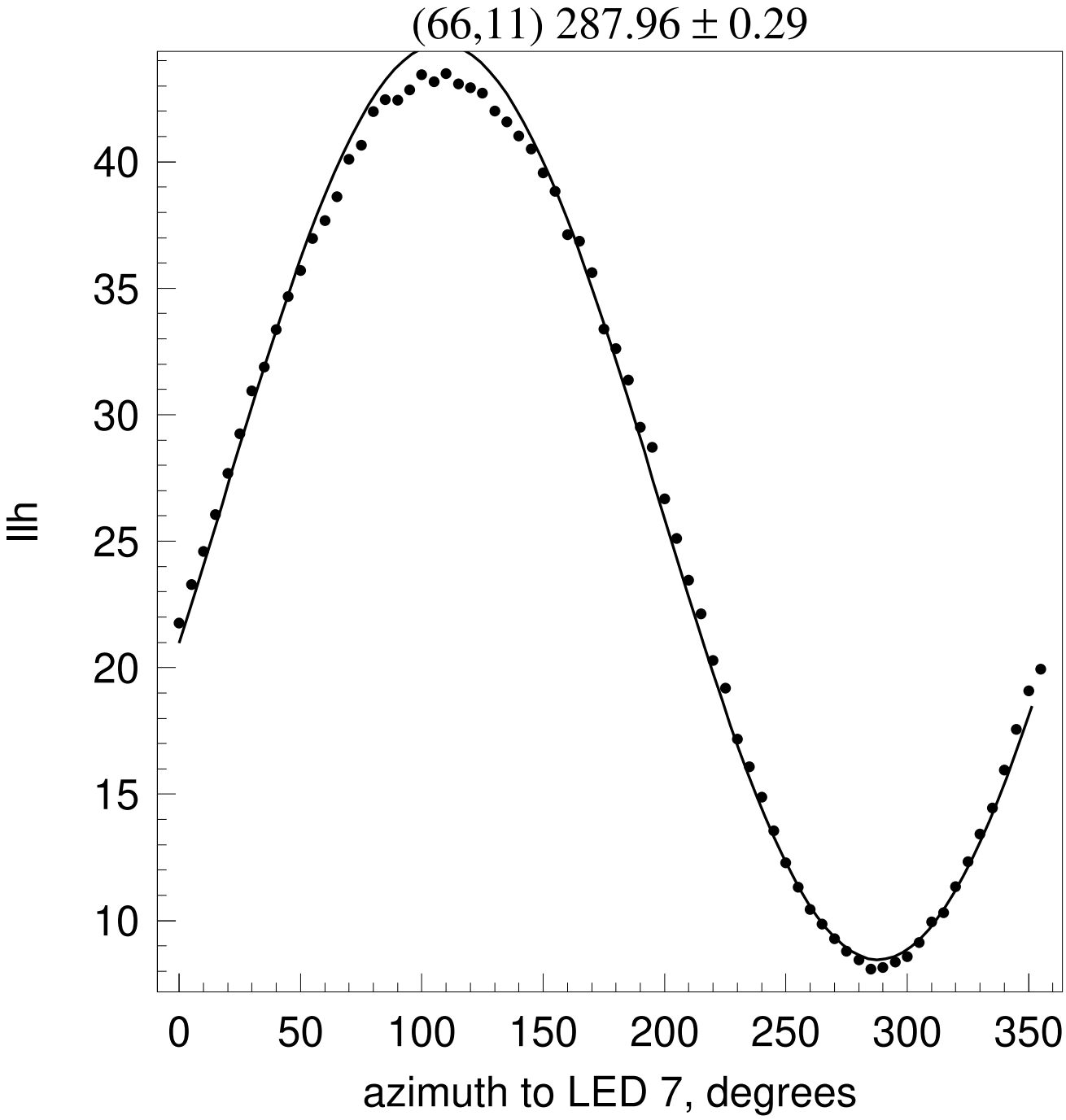

(66,6) 53.87 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

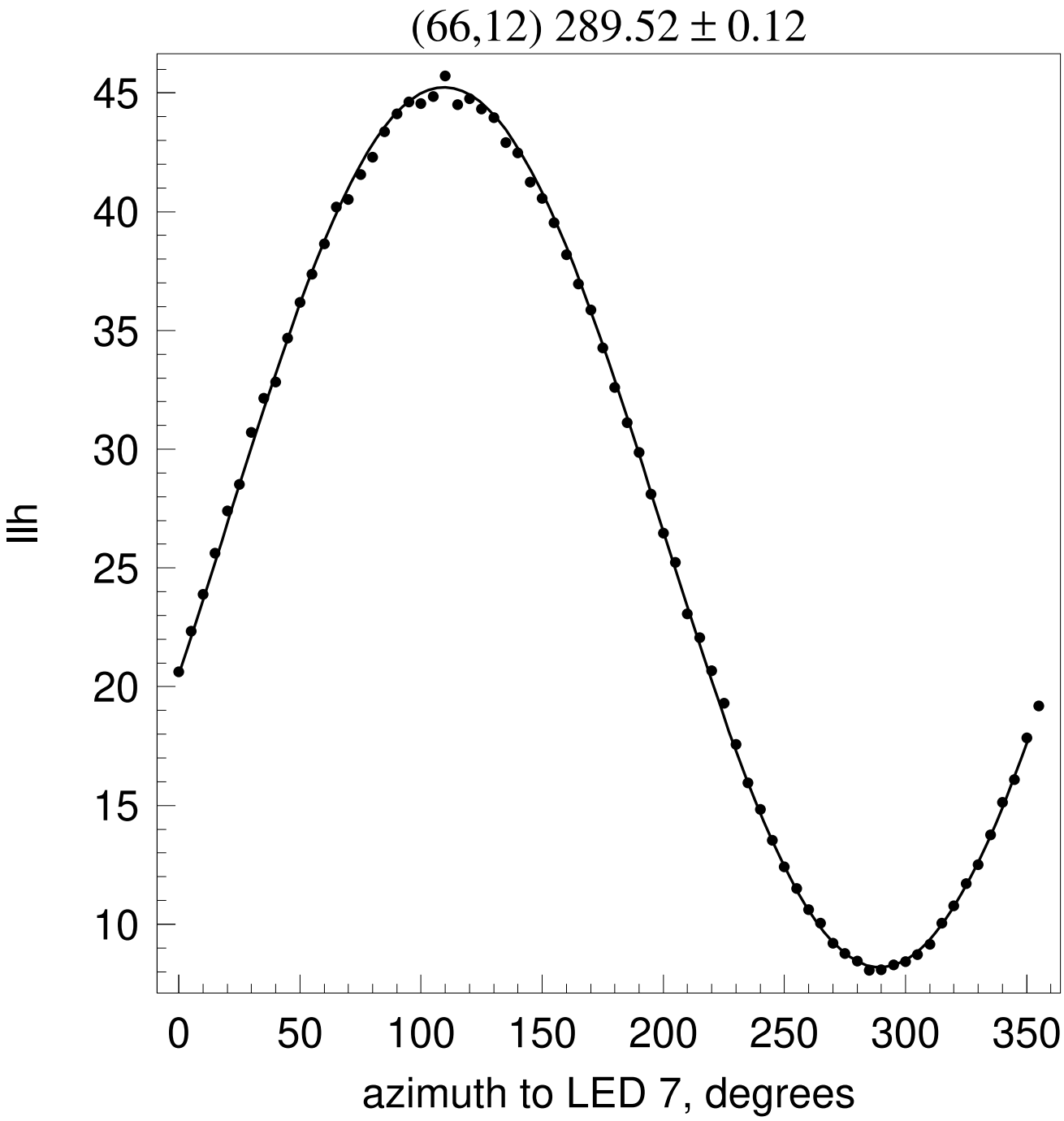

(66,7) 270.37 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

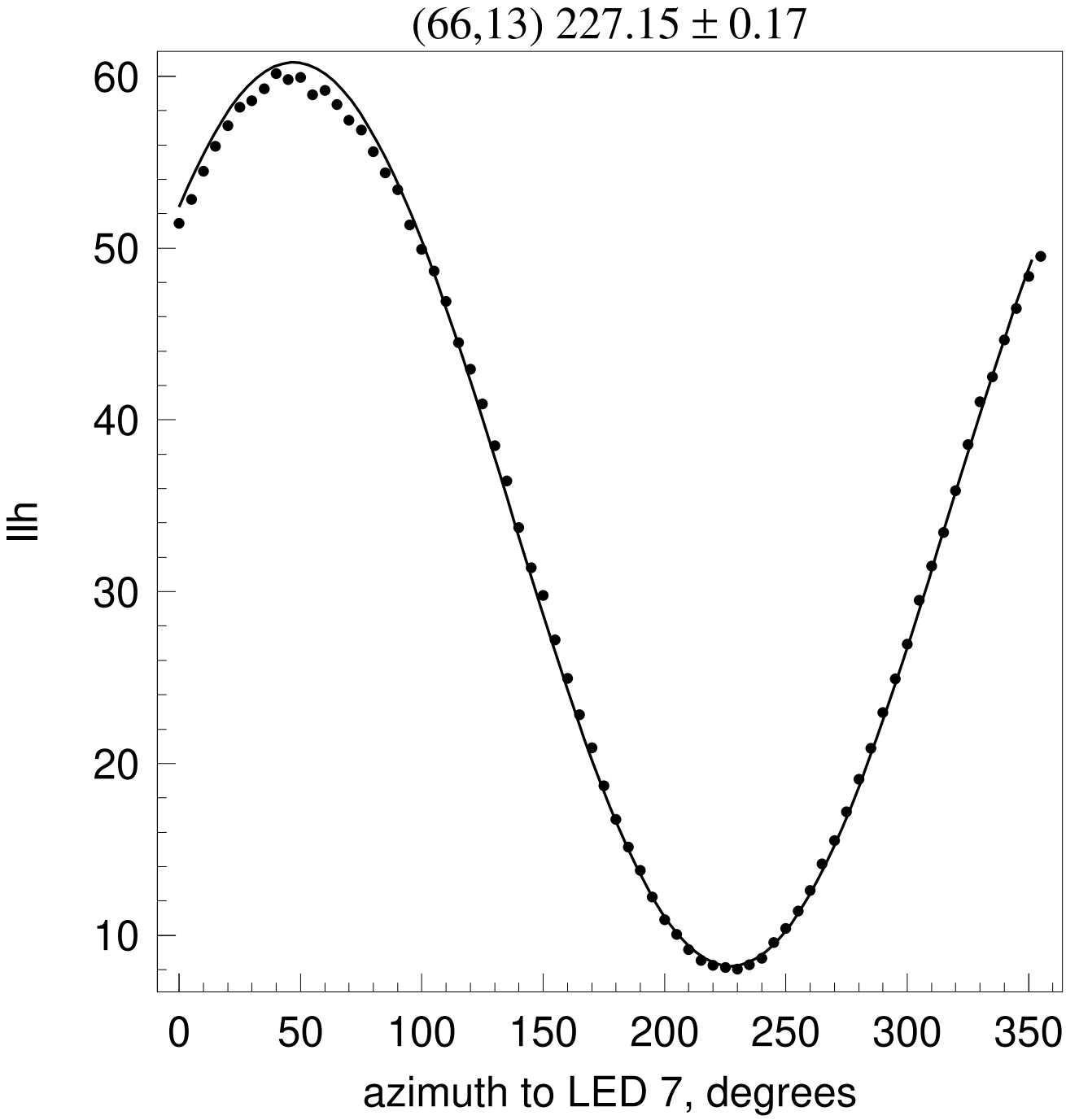

(66,8) 243.95 ± 0.26
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

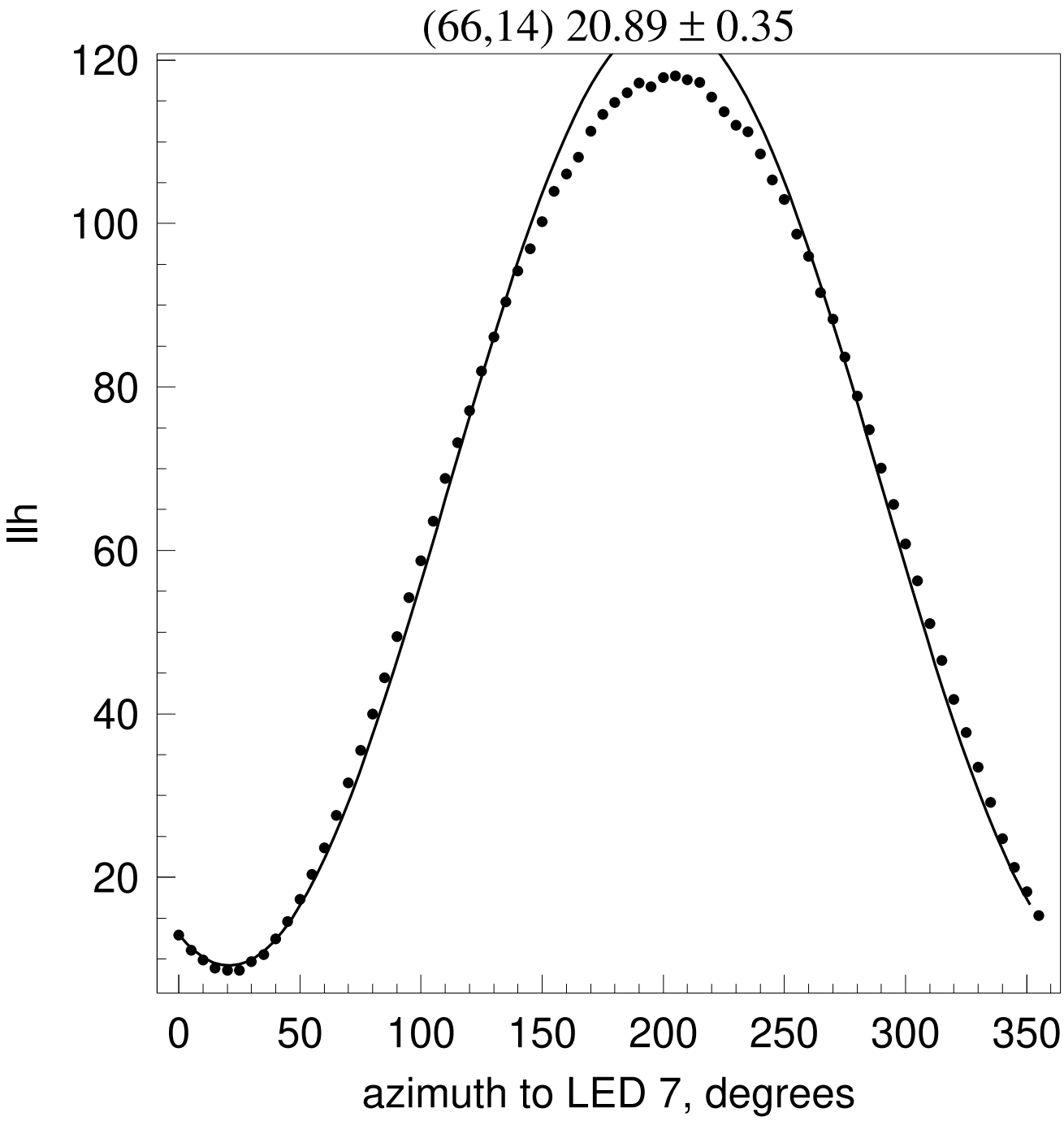

(66,9) 34.61 ± 0.29
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

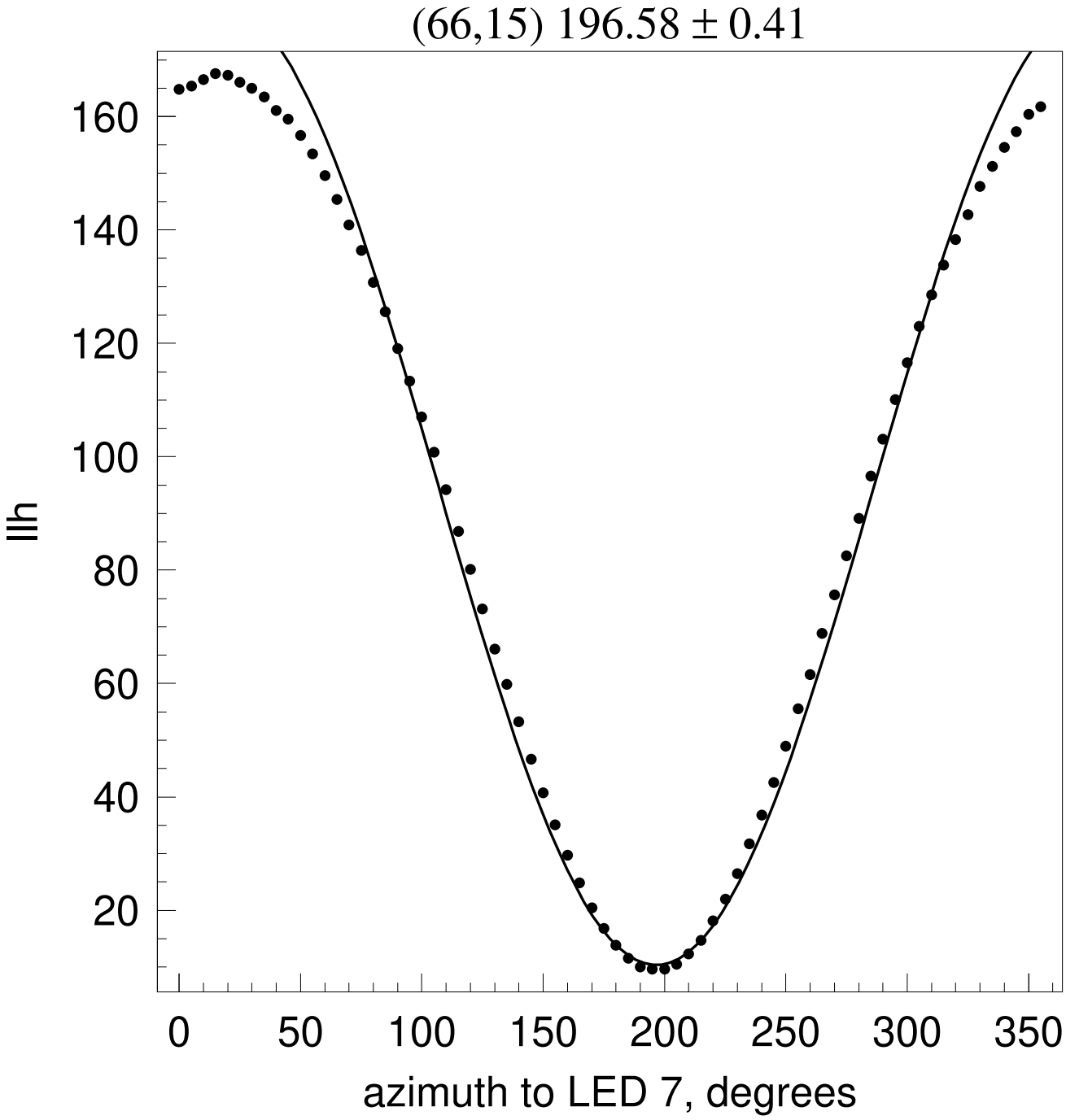

(66,10) 72.79 ± 0.24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

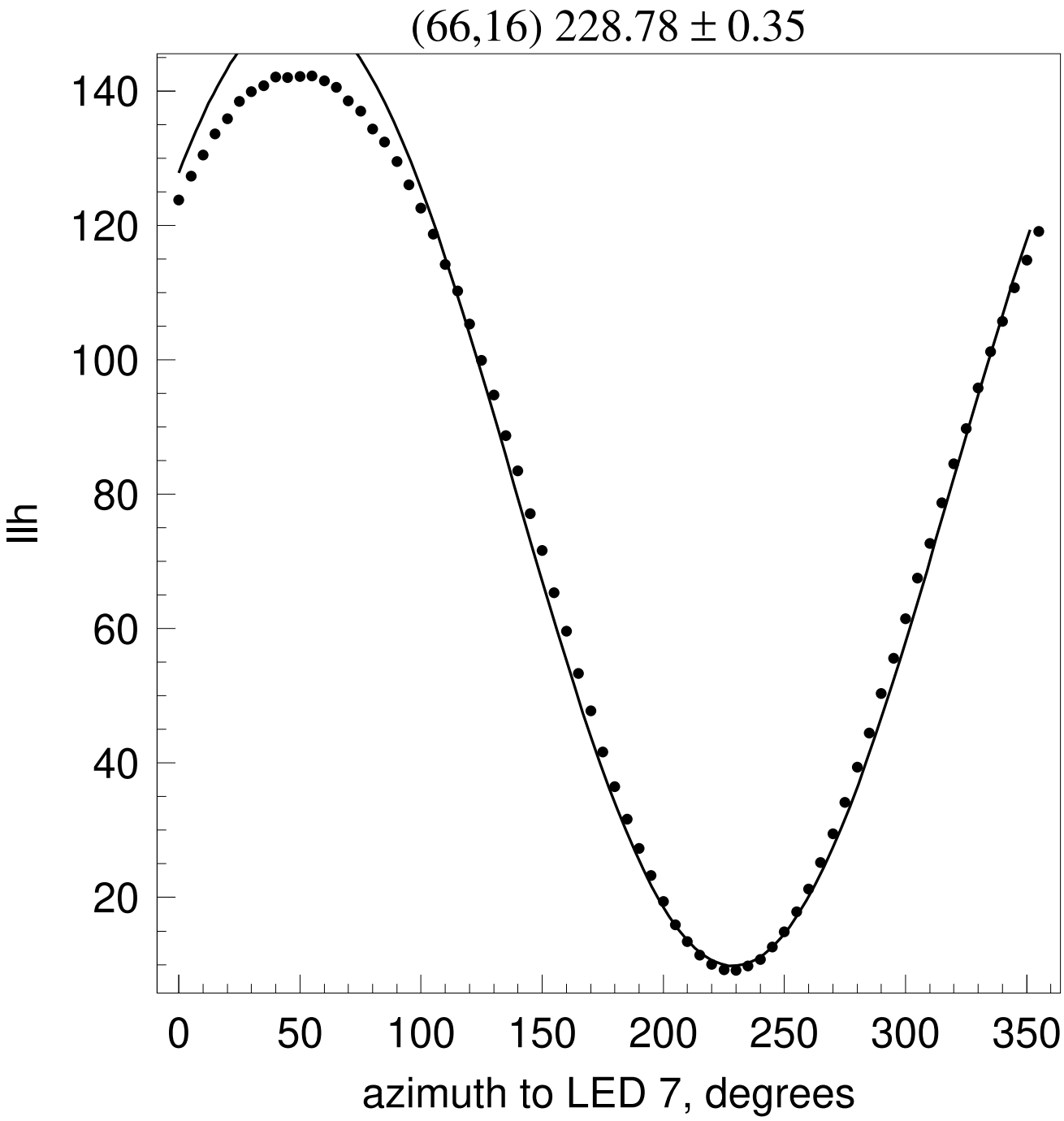

(66,11) 287.96 ± 0.29
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

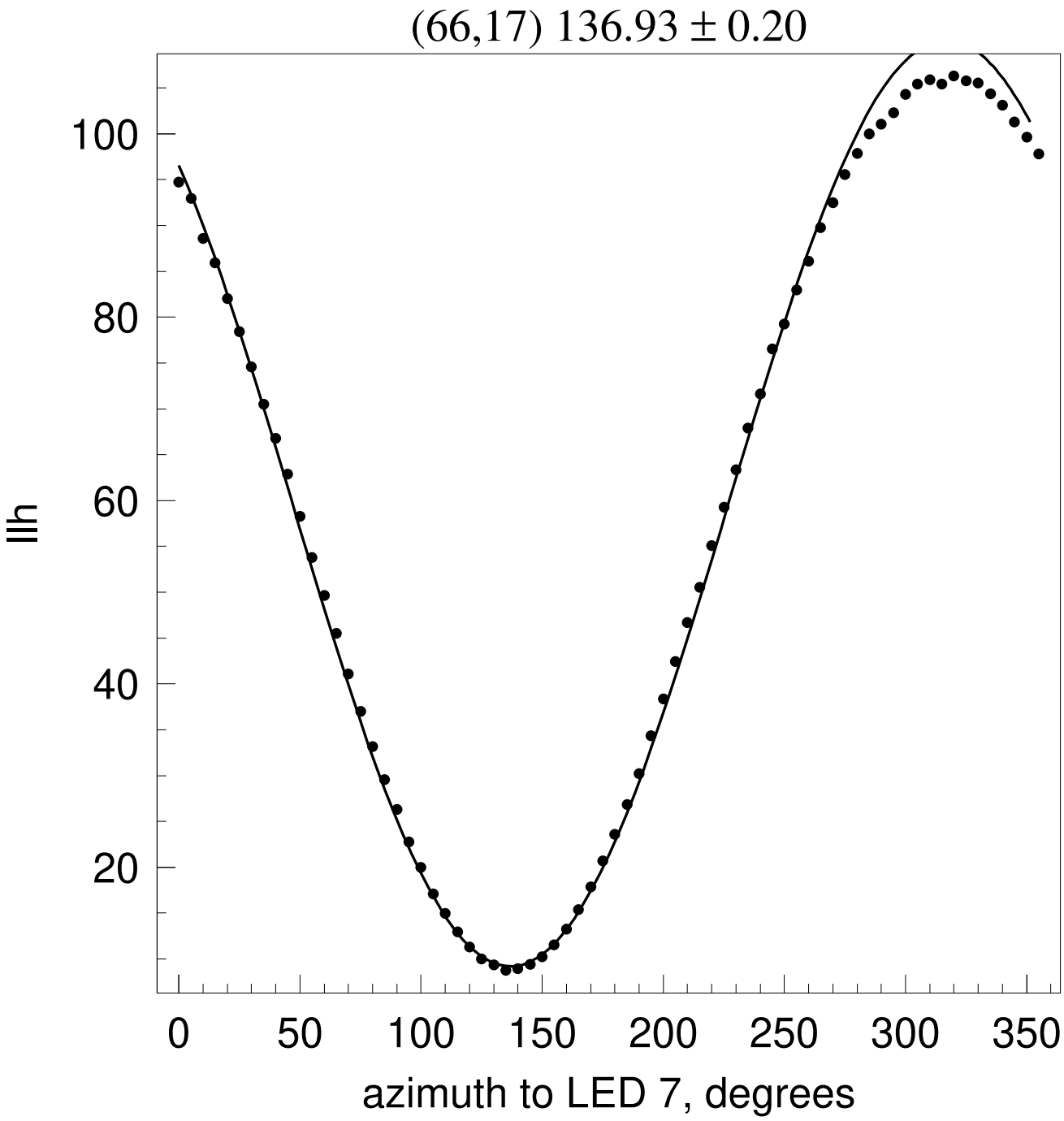

(66,12) 289.52 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

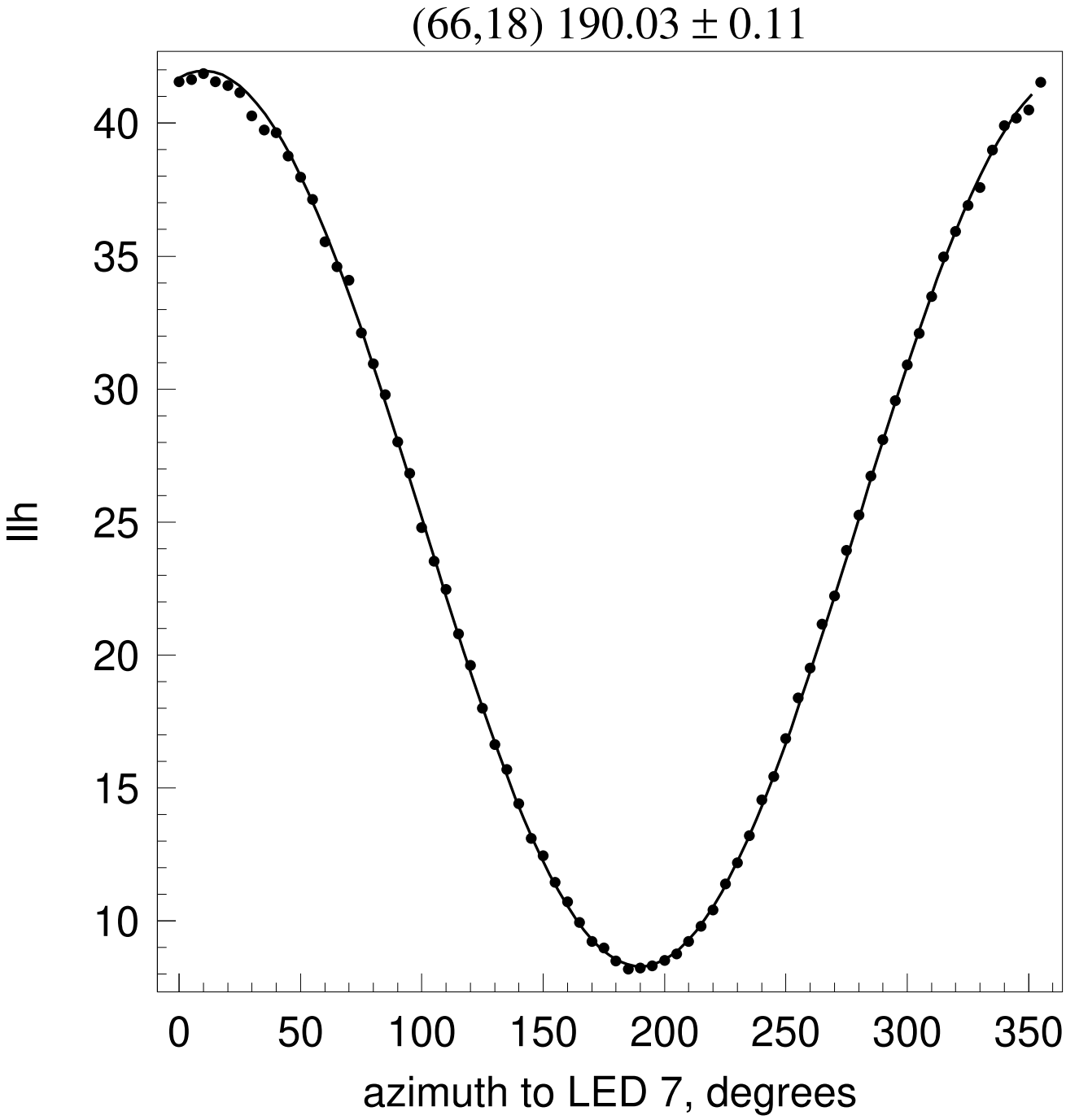

(66,13) 227.15 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

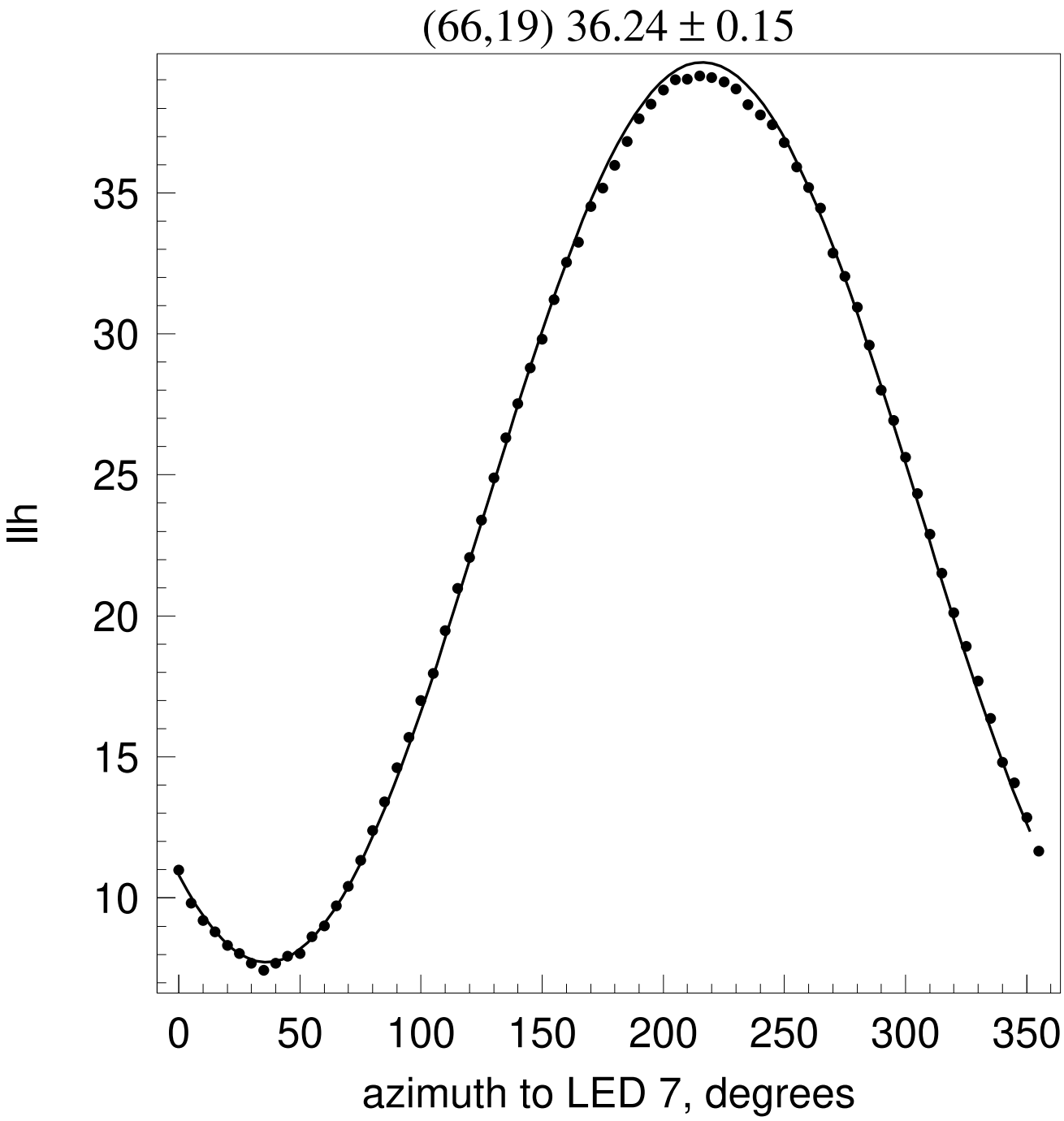

(66,14) 20.89 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

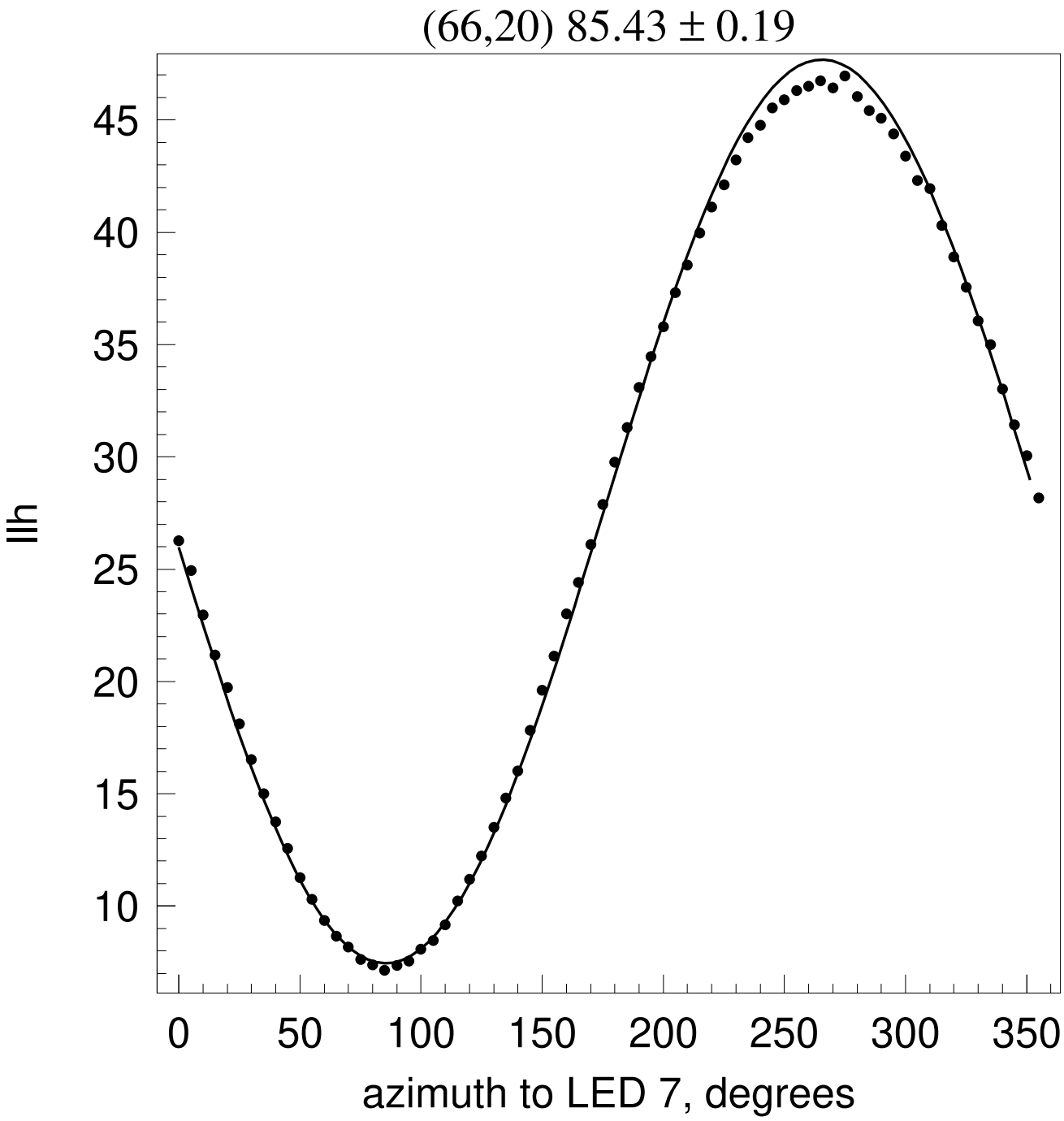

(66,15) 196.58 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

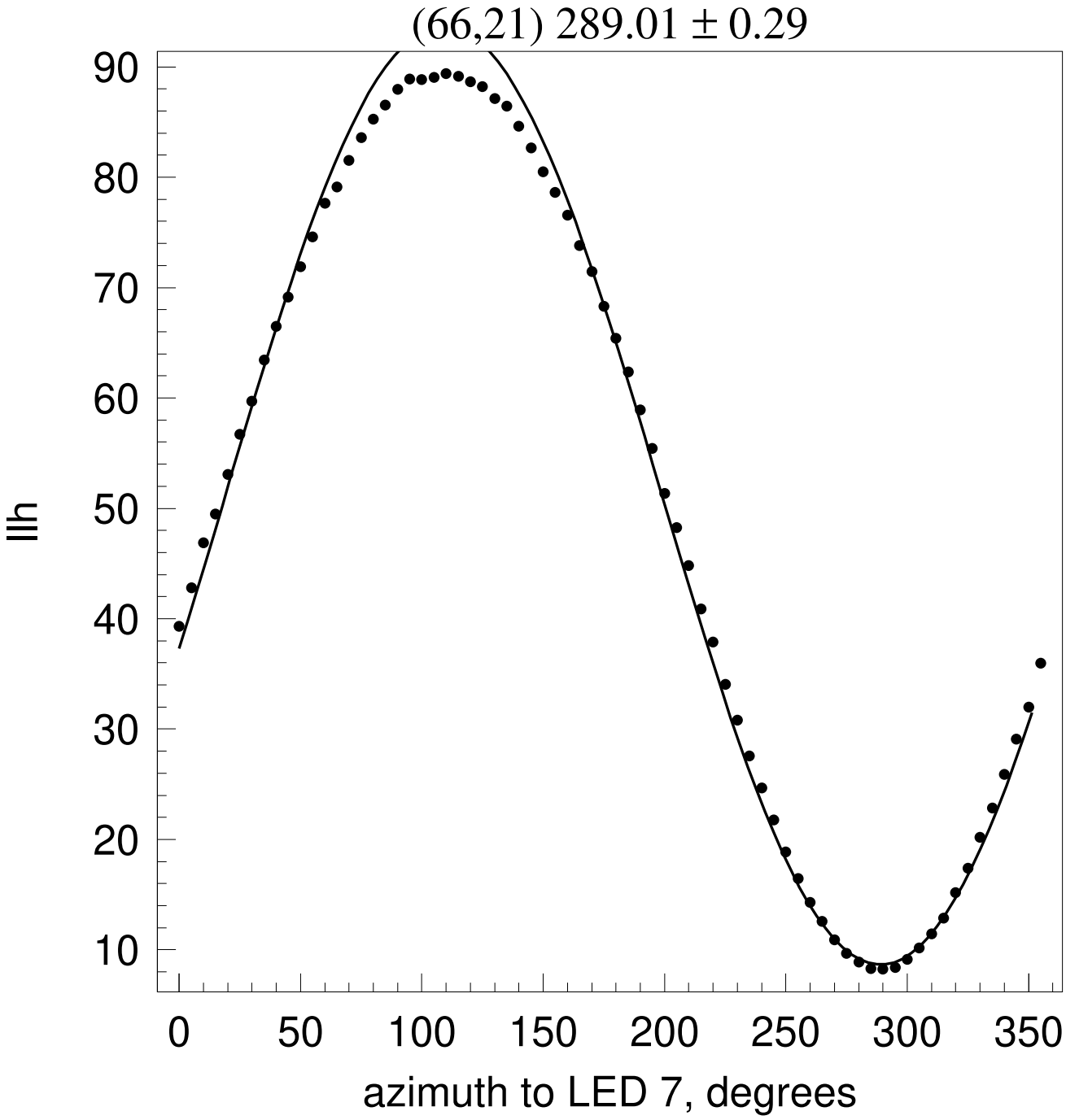

(66,16) 228.78 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

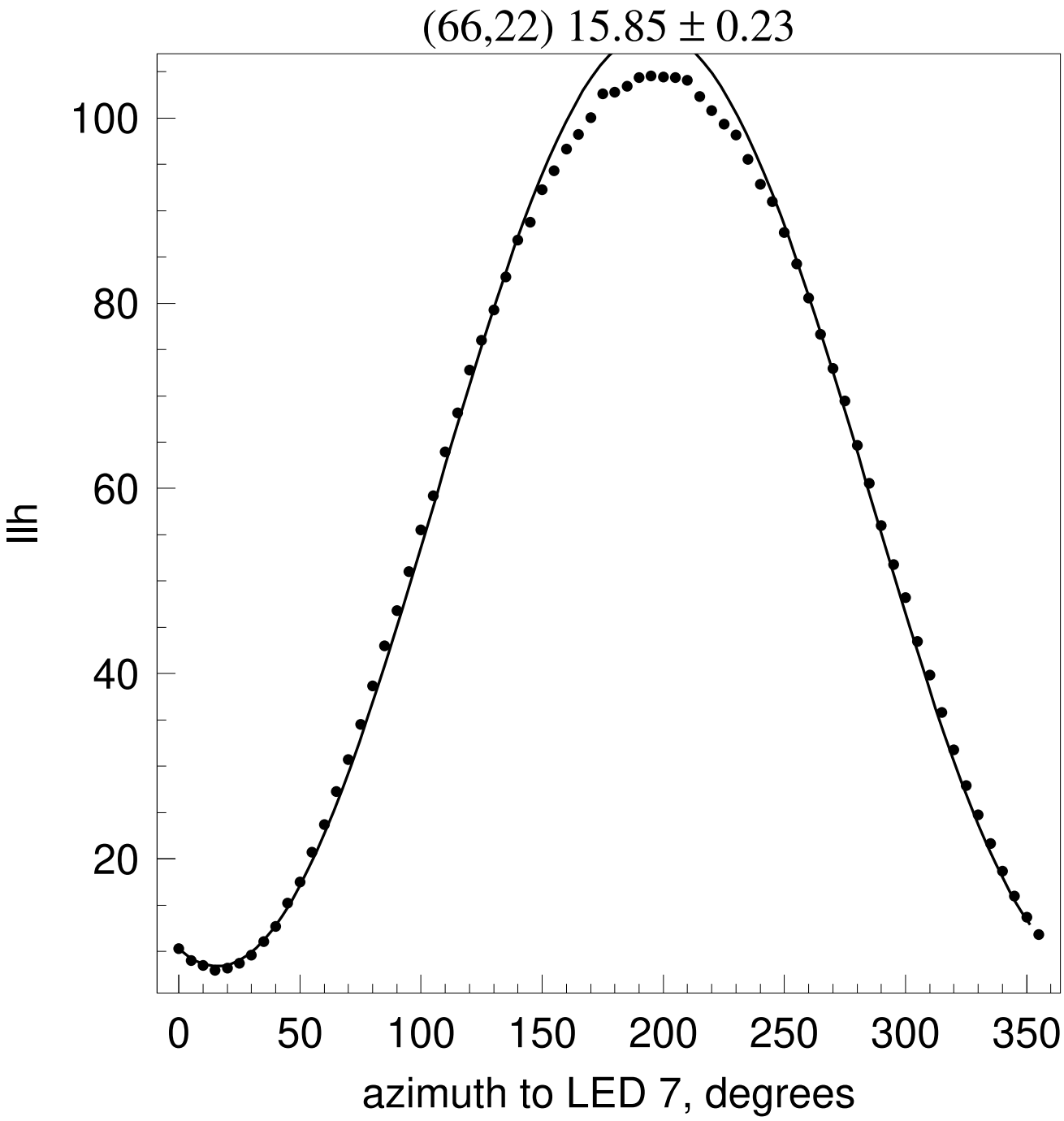

(66,17) 136.93 ± 0.20
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

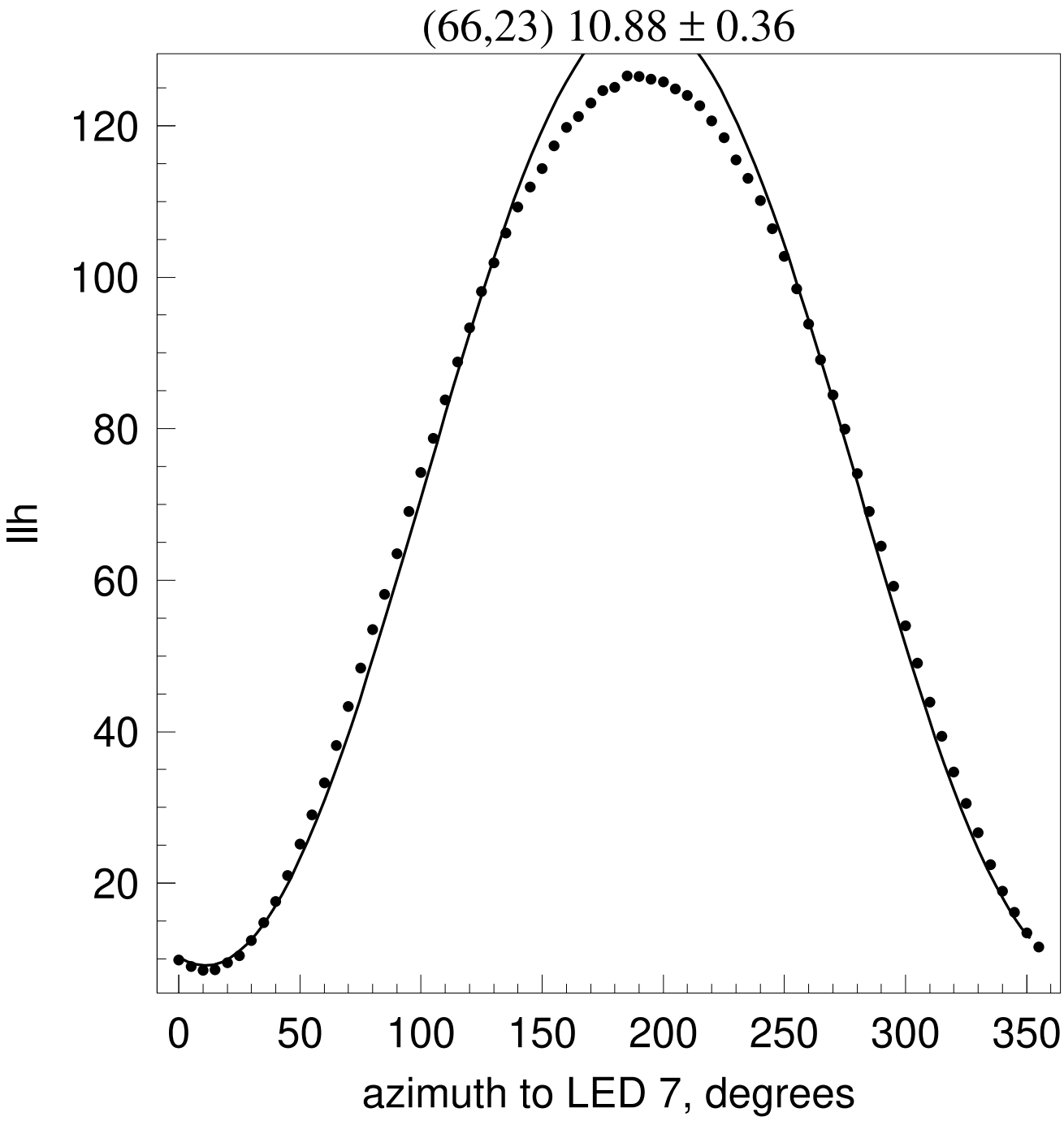

(66,18) 190.03 ± 0.11
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

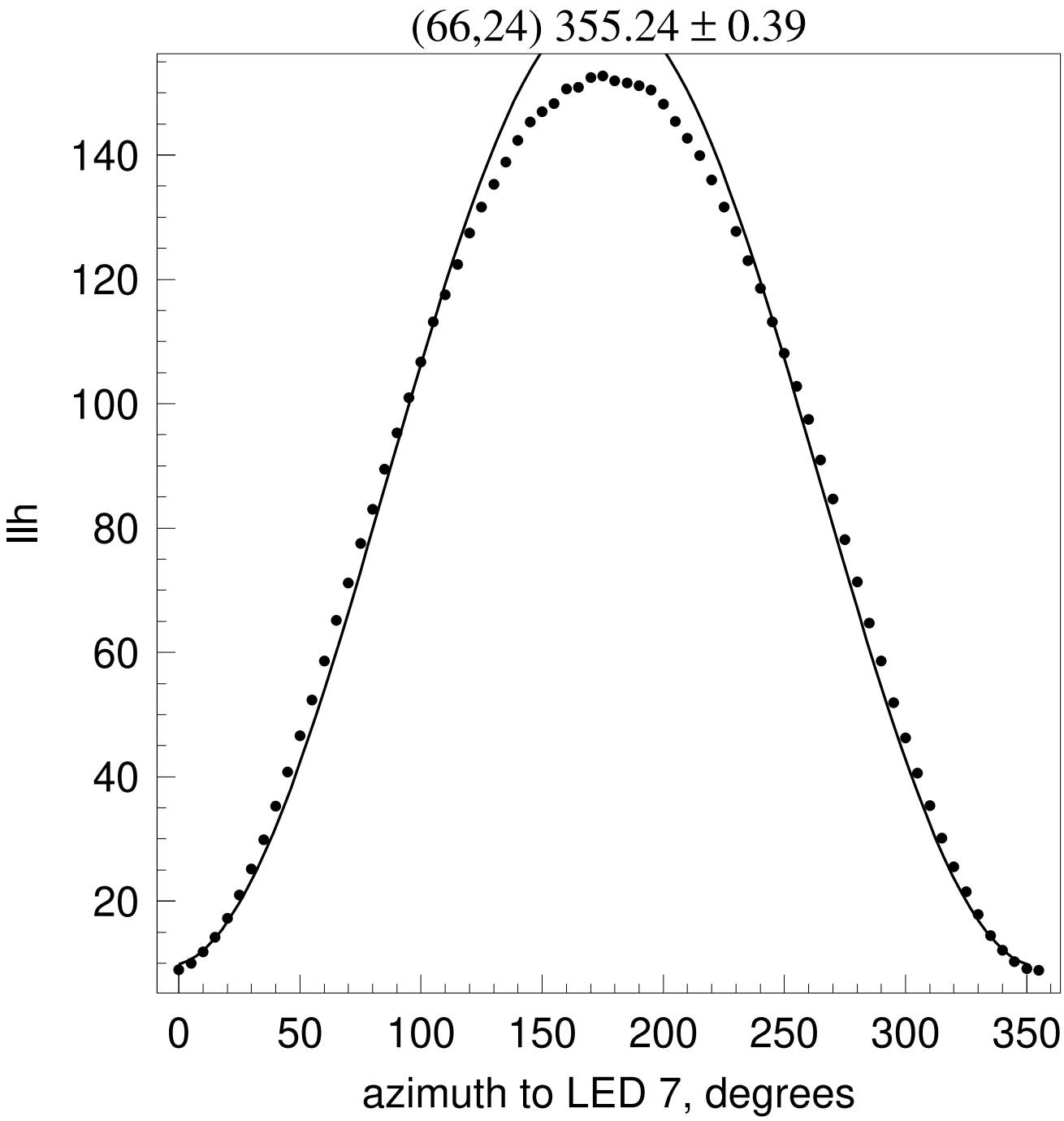

(66,19) 36.24 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

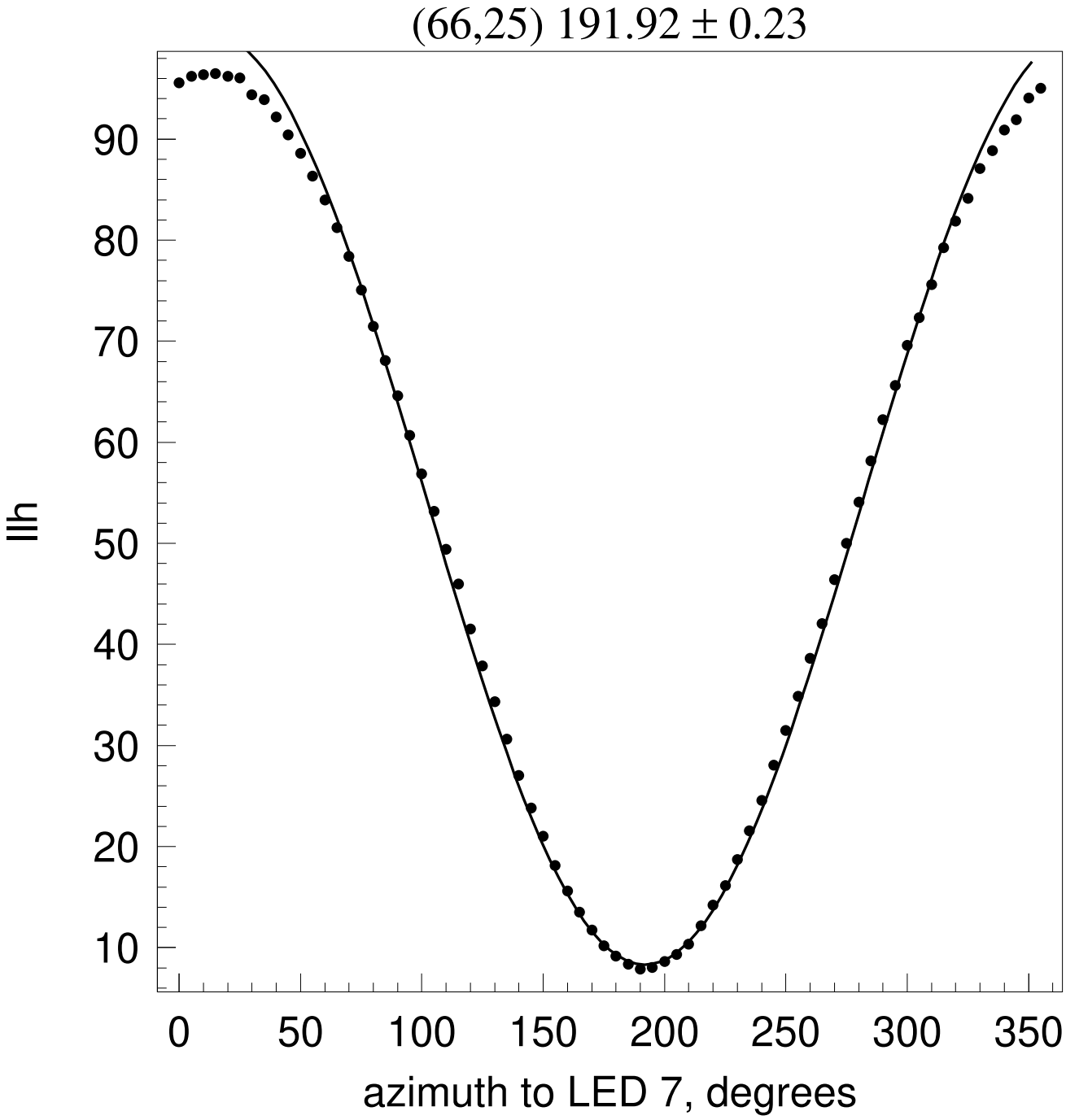

(66,20) 85.43 ± 0.19
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

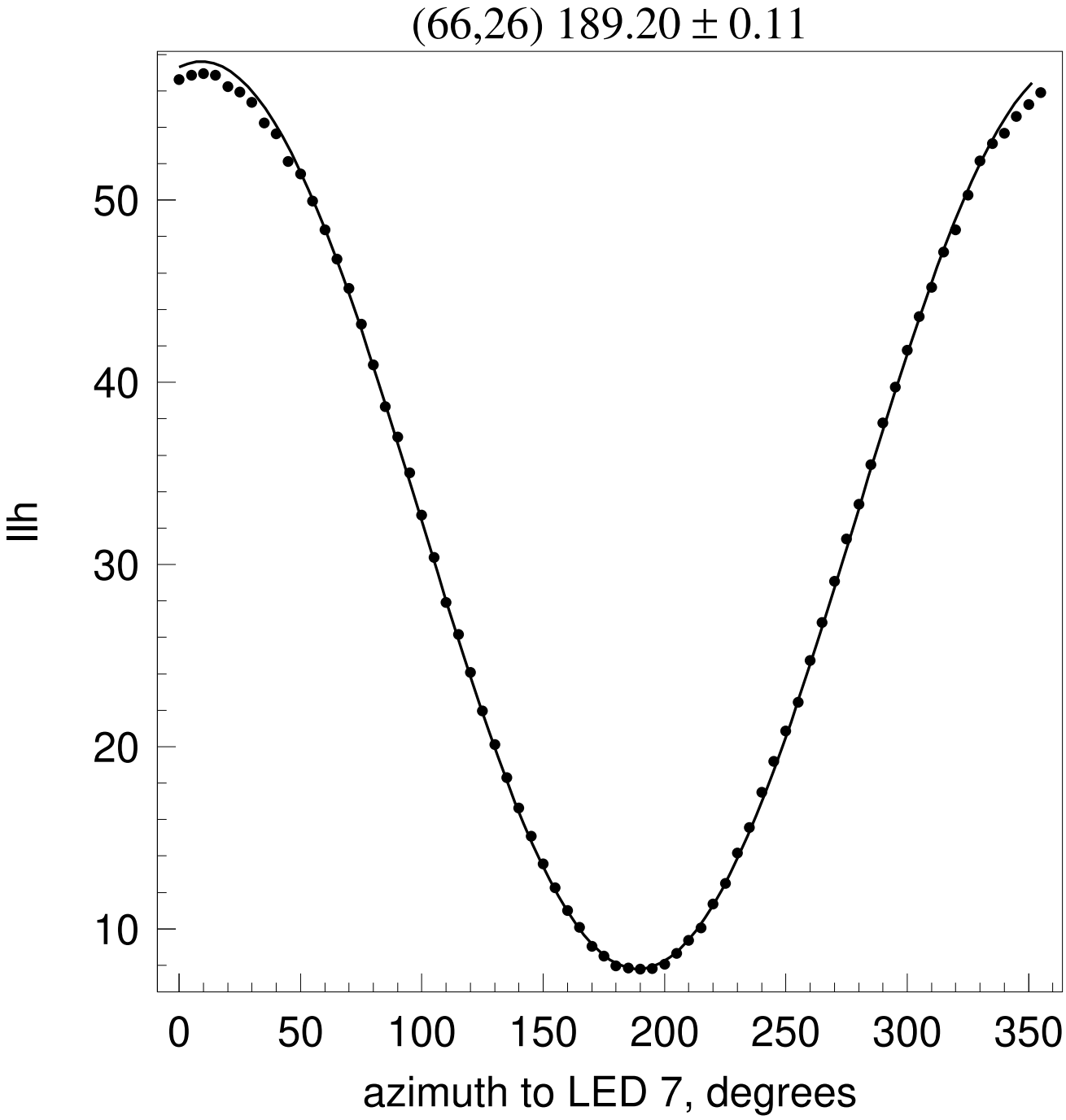

(66,21) 289.01 ± 0.29
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

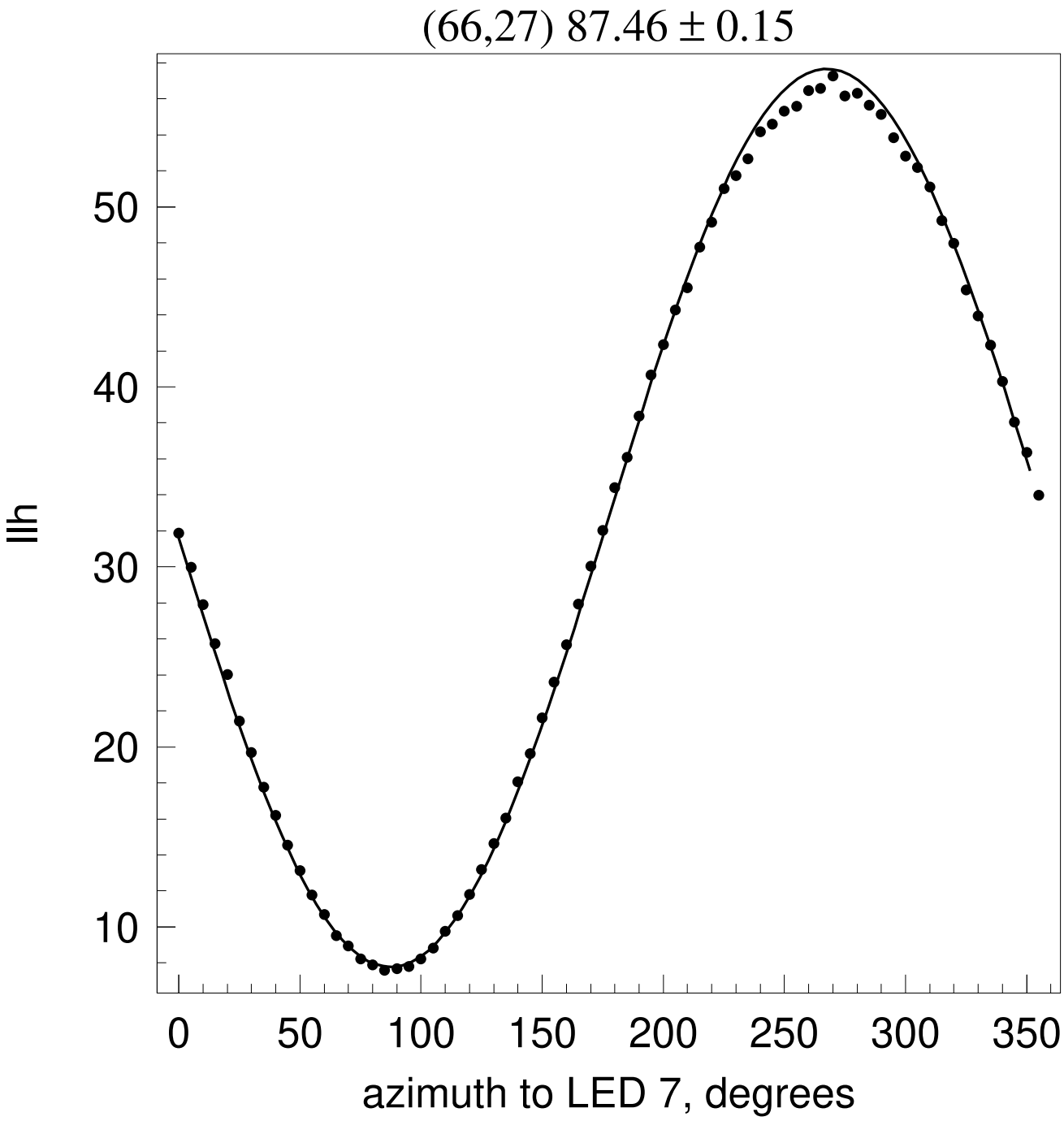

(66,22) 15.85 ± 0.23
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

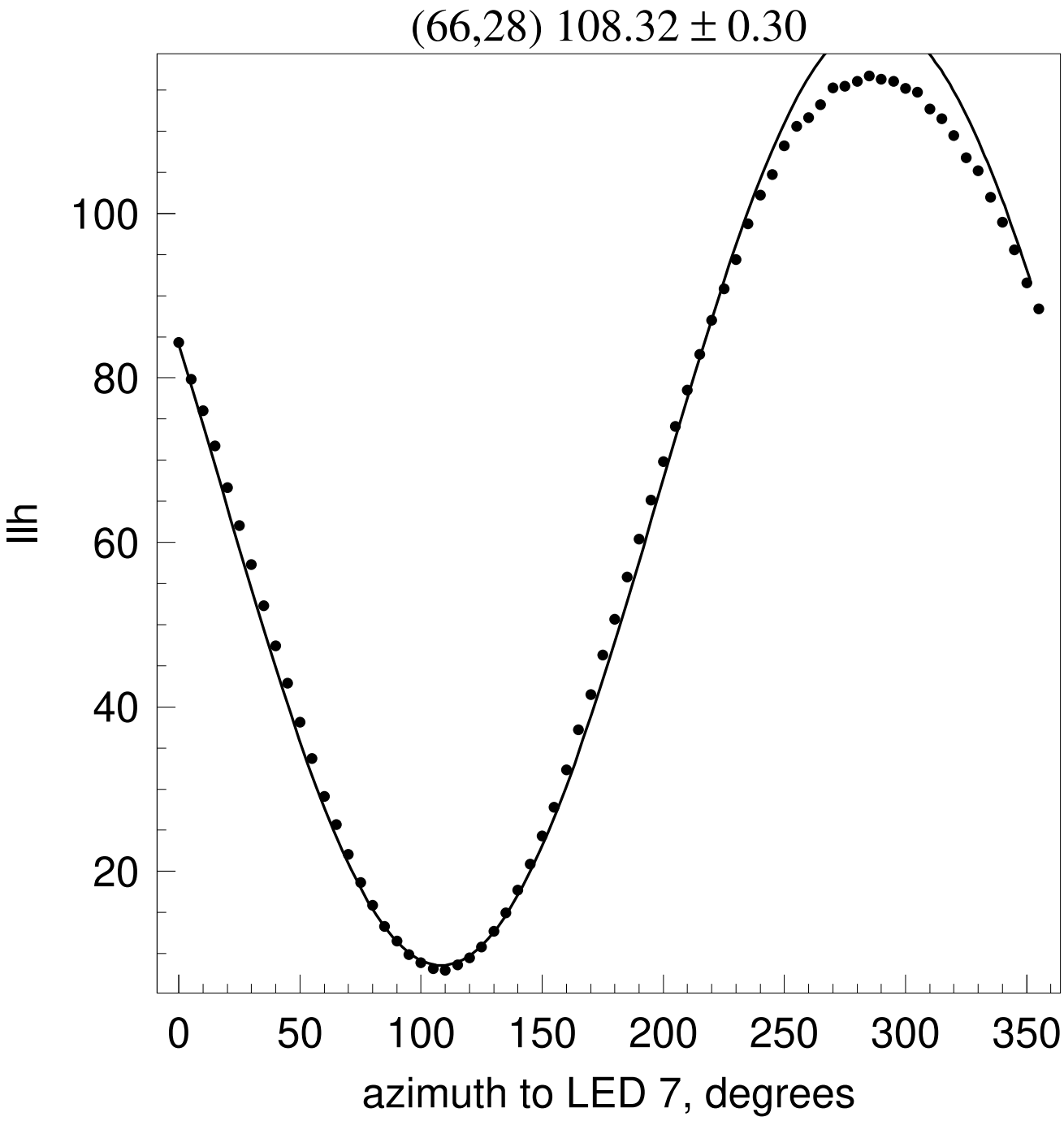

(66,23) 10.88 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

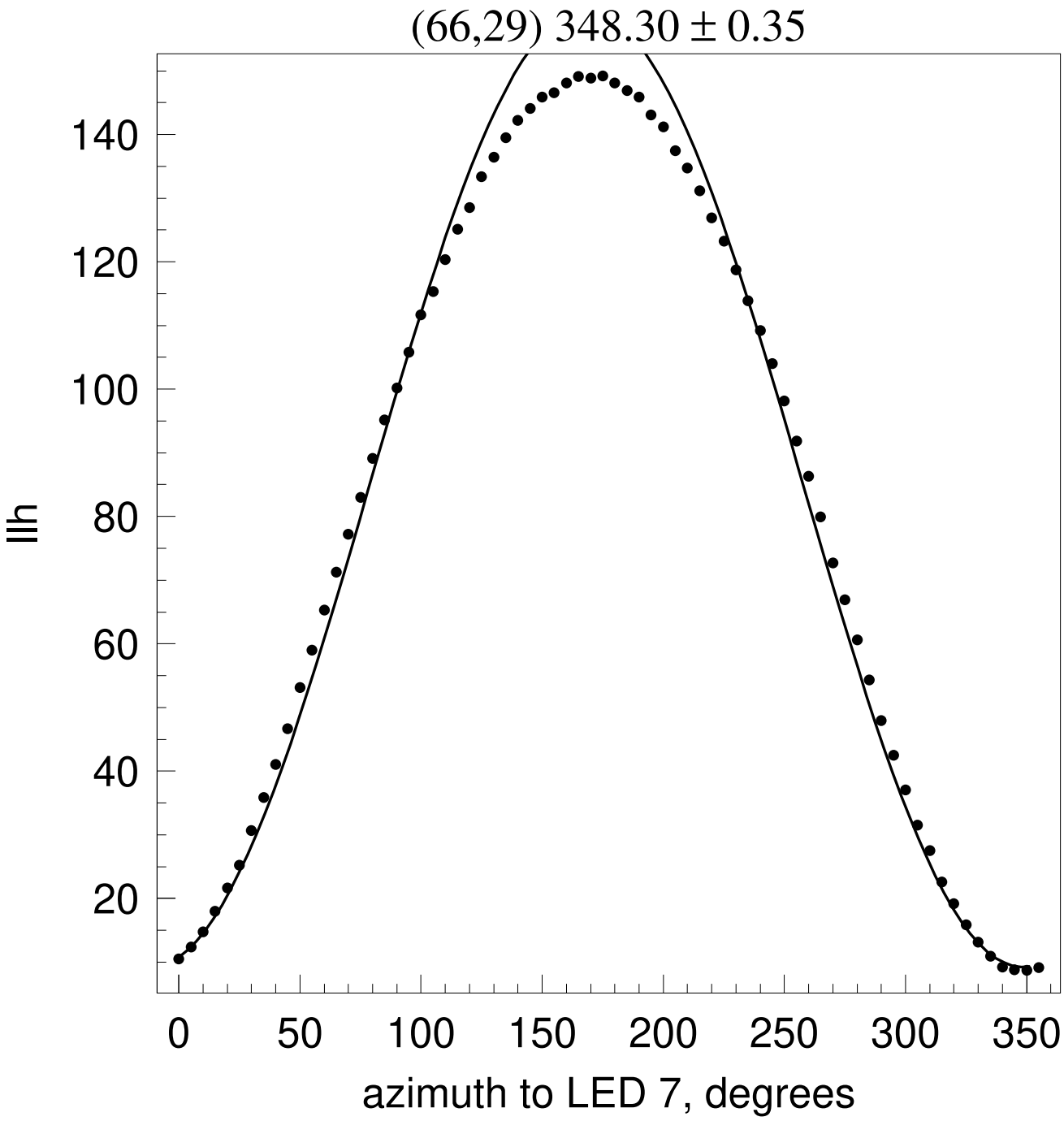

(66,24) 355.24 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

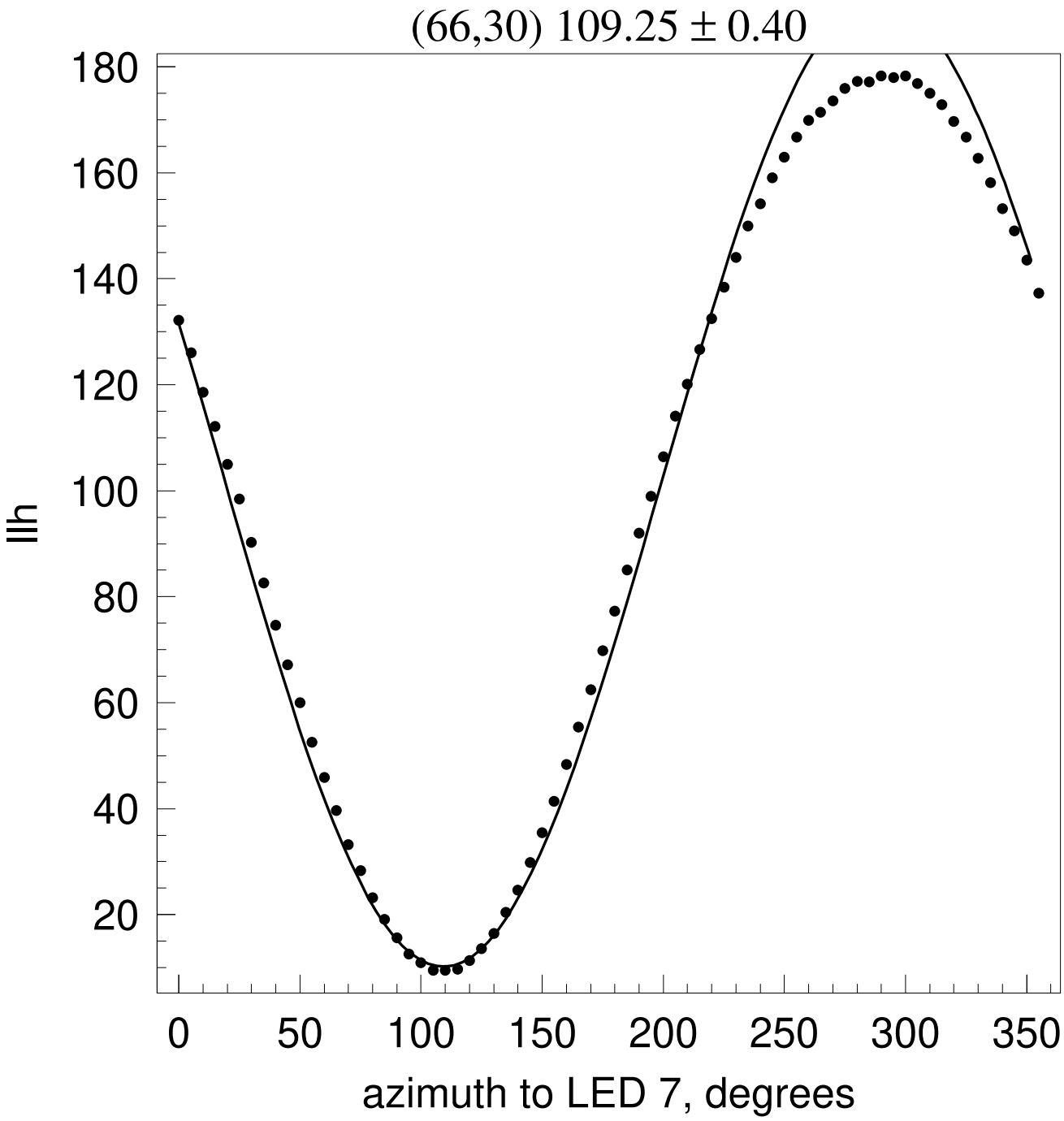

(66,25) 191.92 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

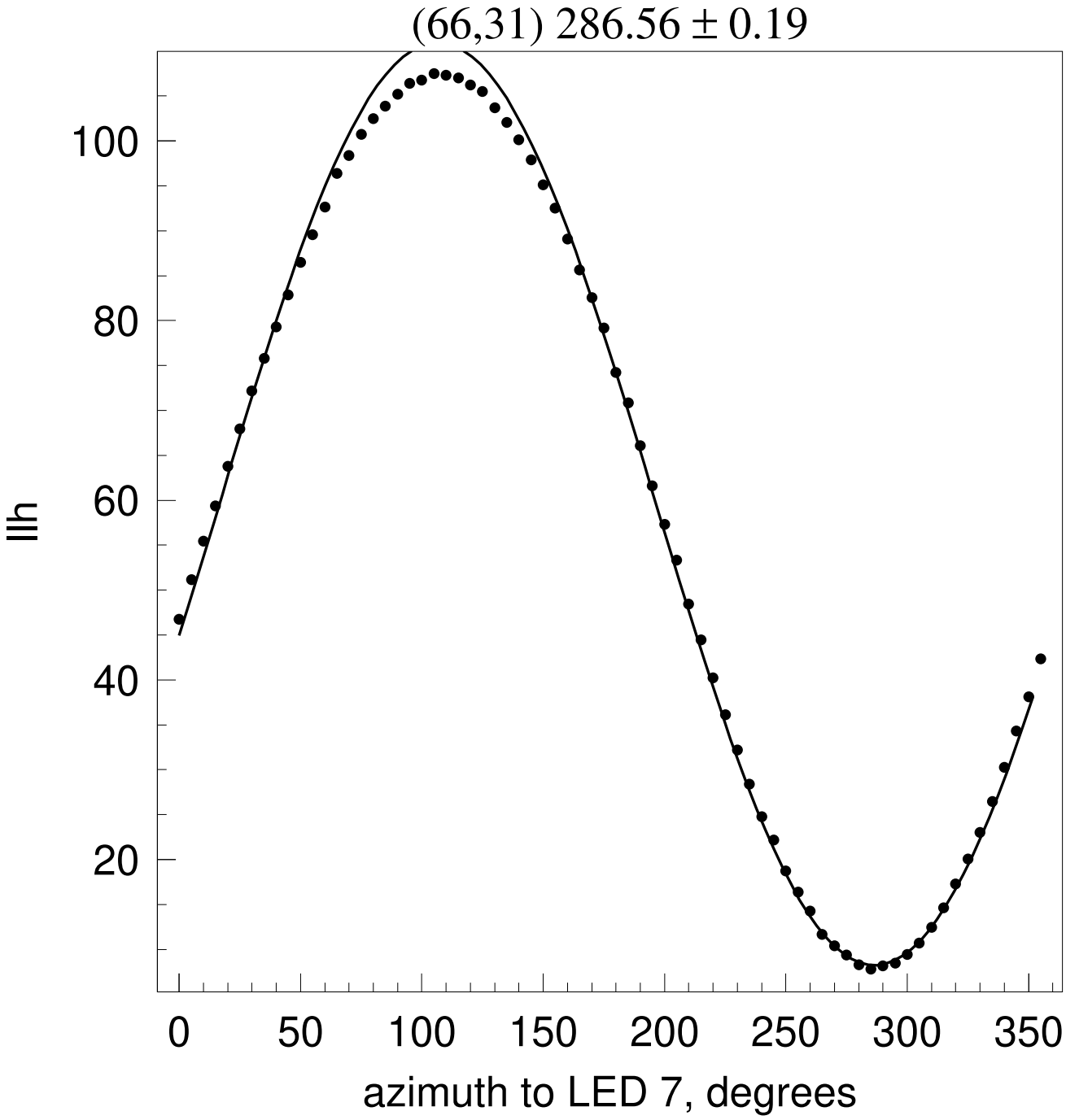

(66,26) 189.20 ± 0.11
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

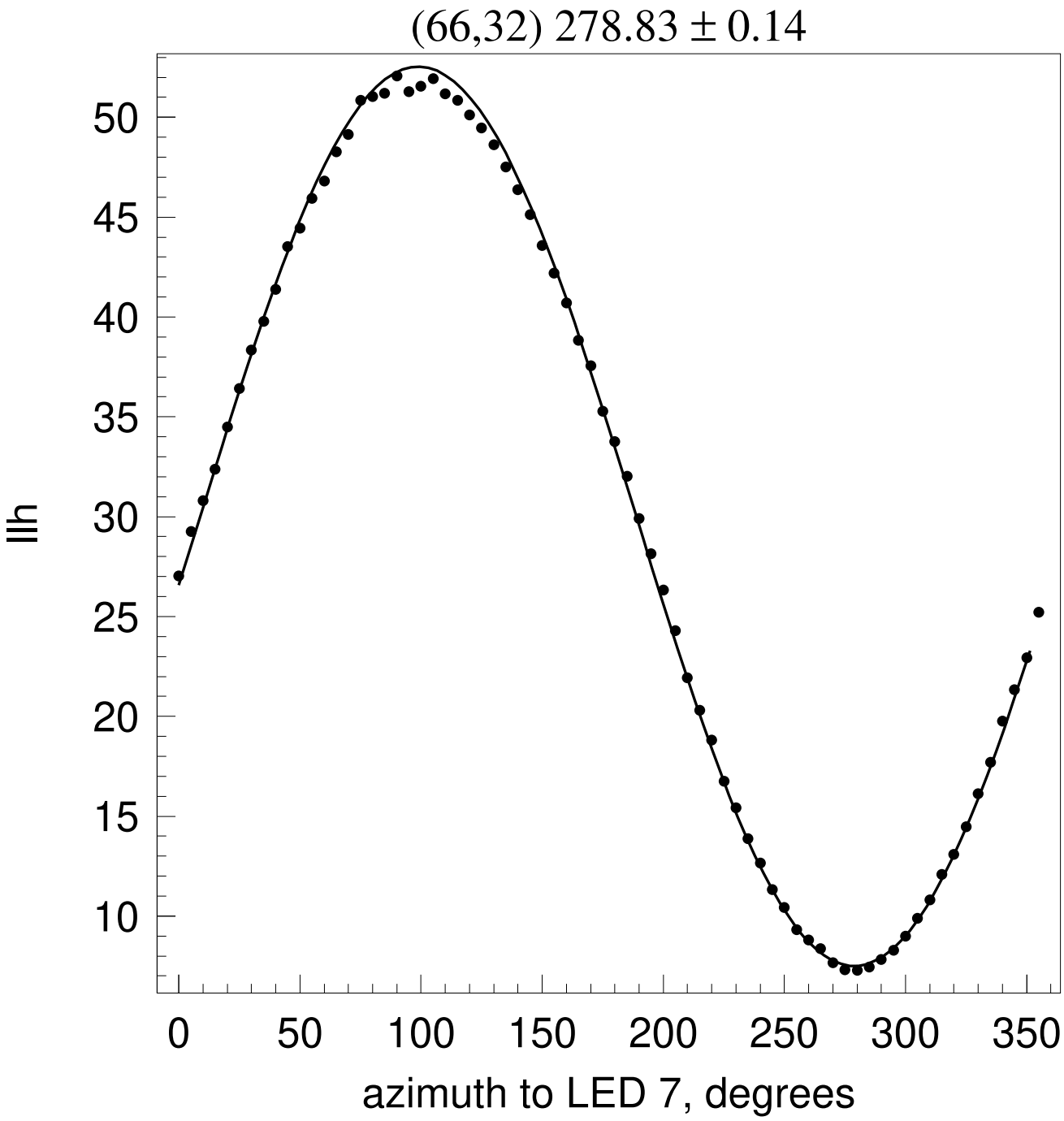

(66,27) 87.46 ± 0.15
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

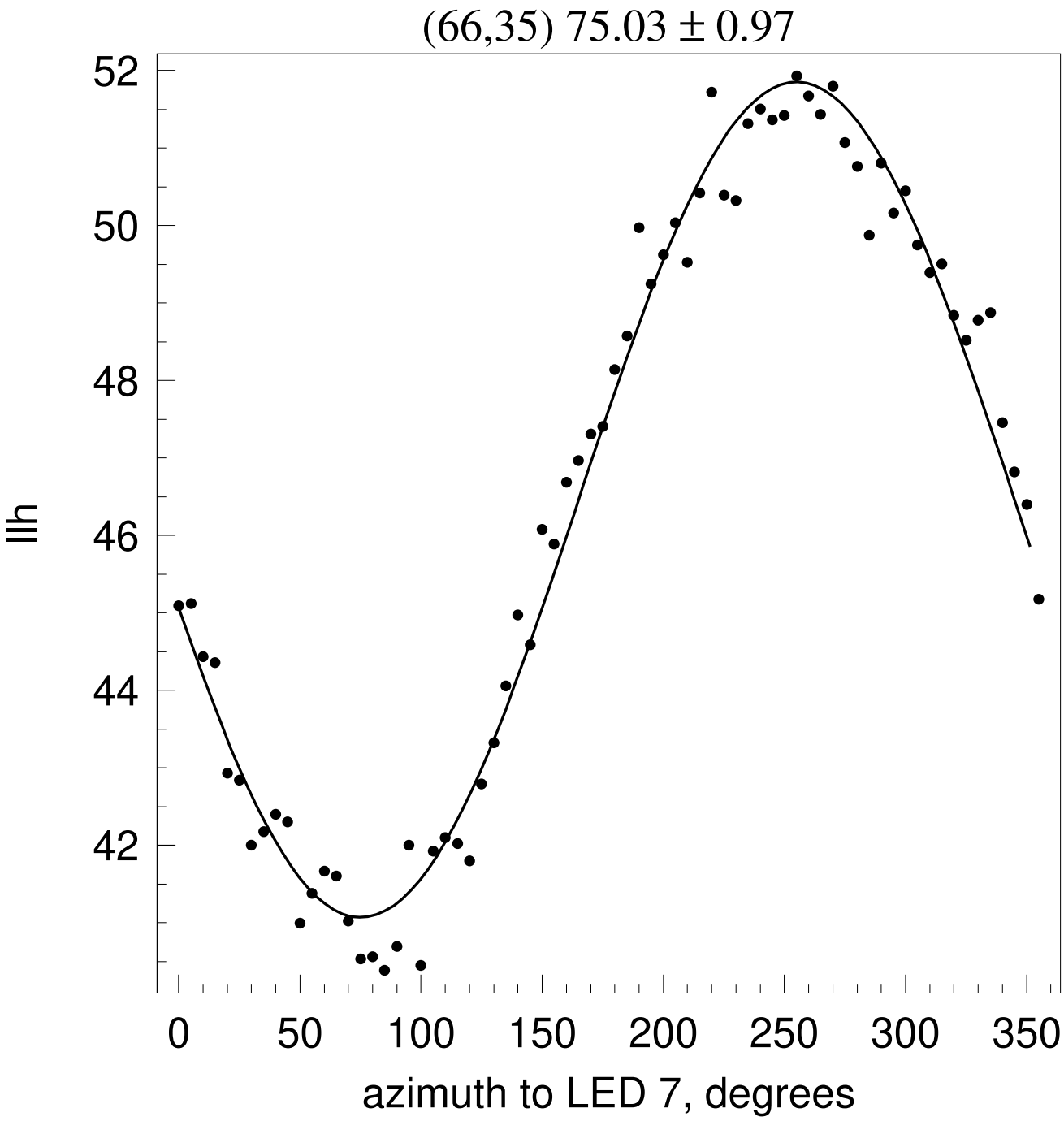

(66,28) 108.32 ± 0.30
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

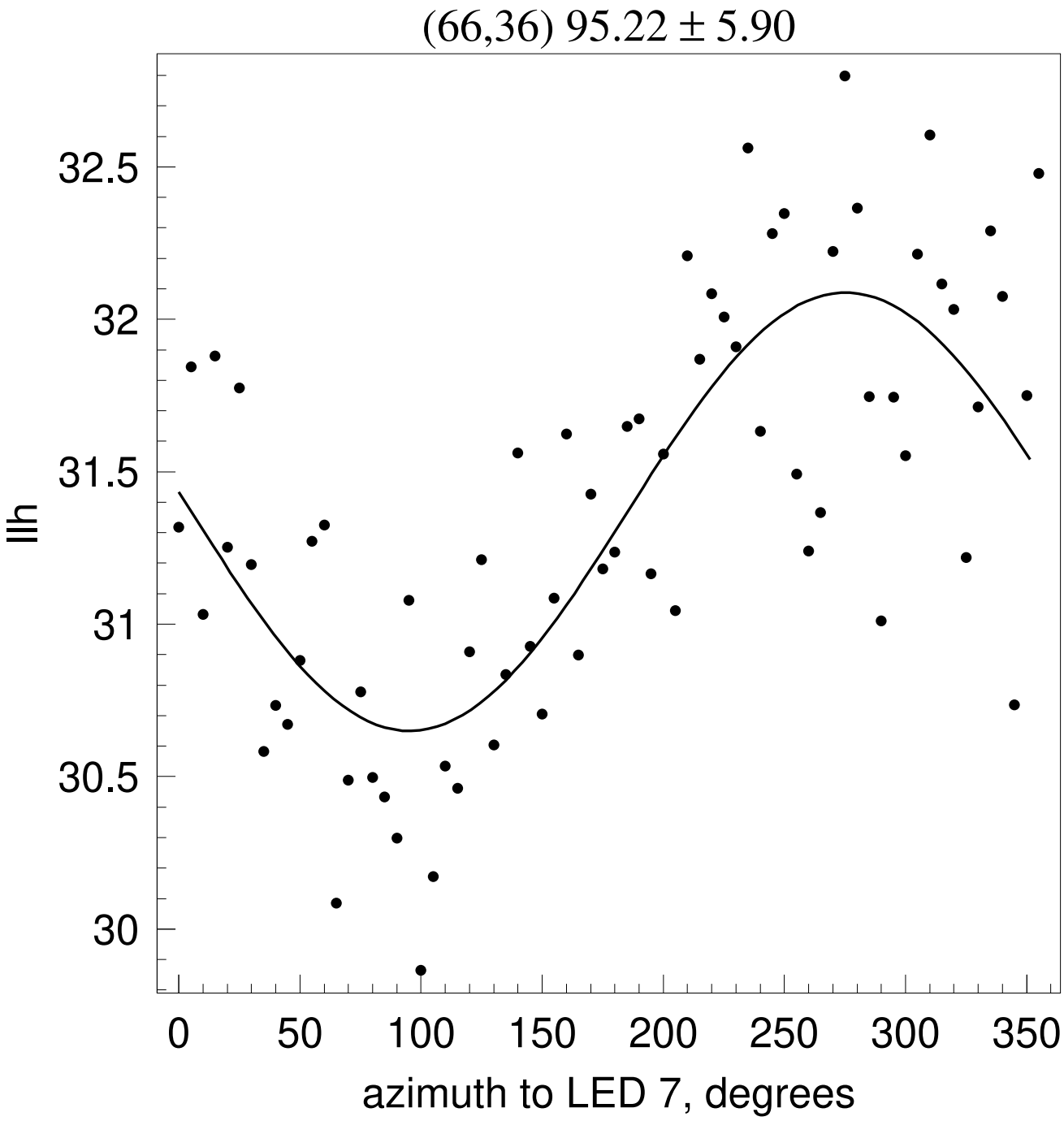

(66,29) 348.30 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

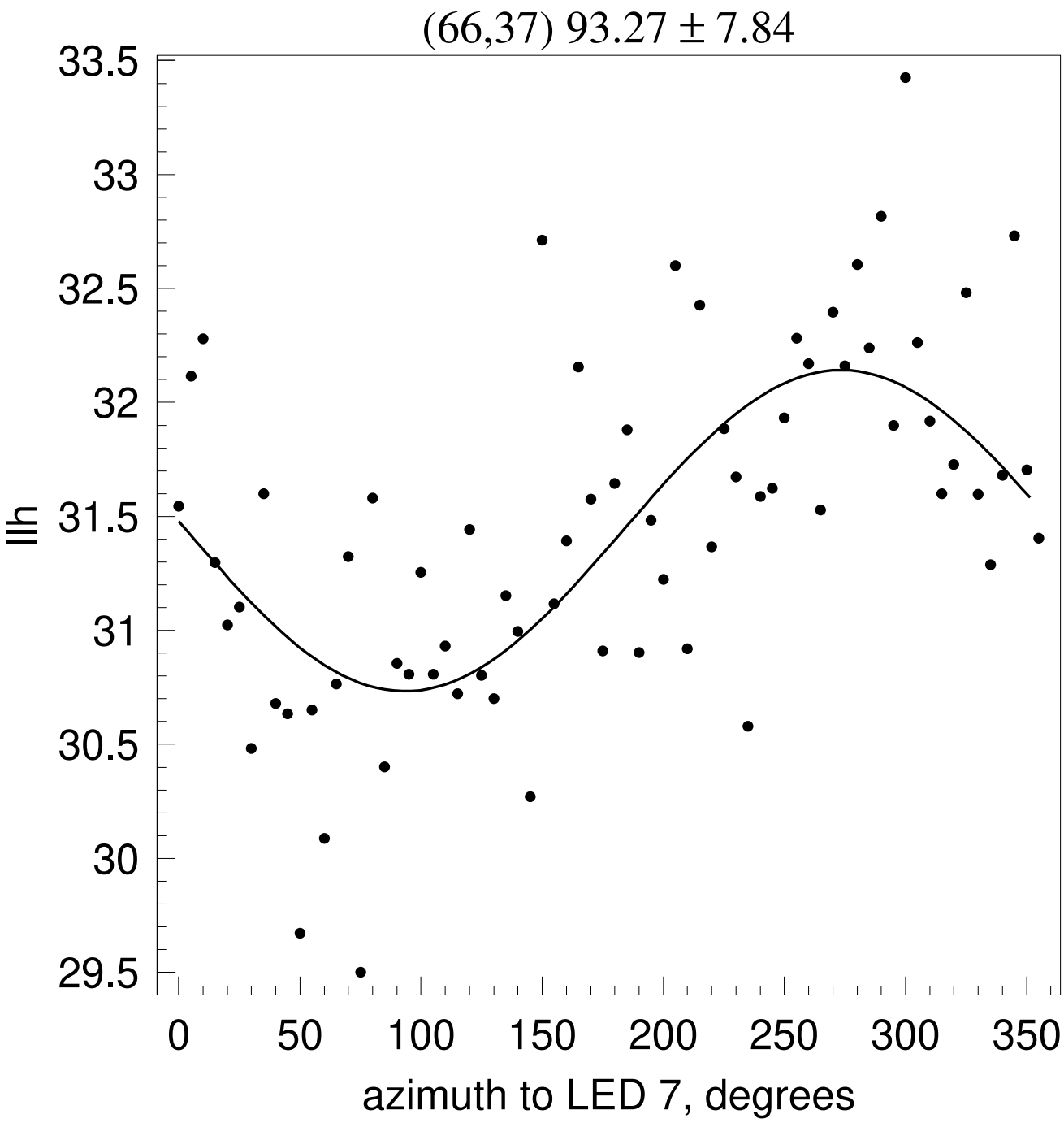

(66,30) 109.25 ± 0.40
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

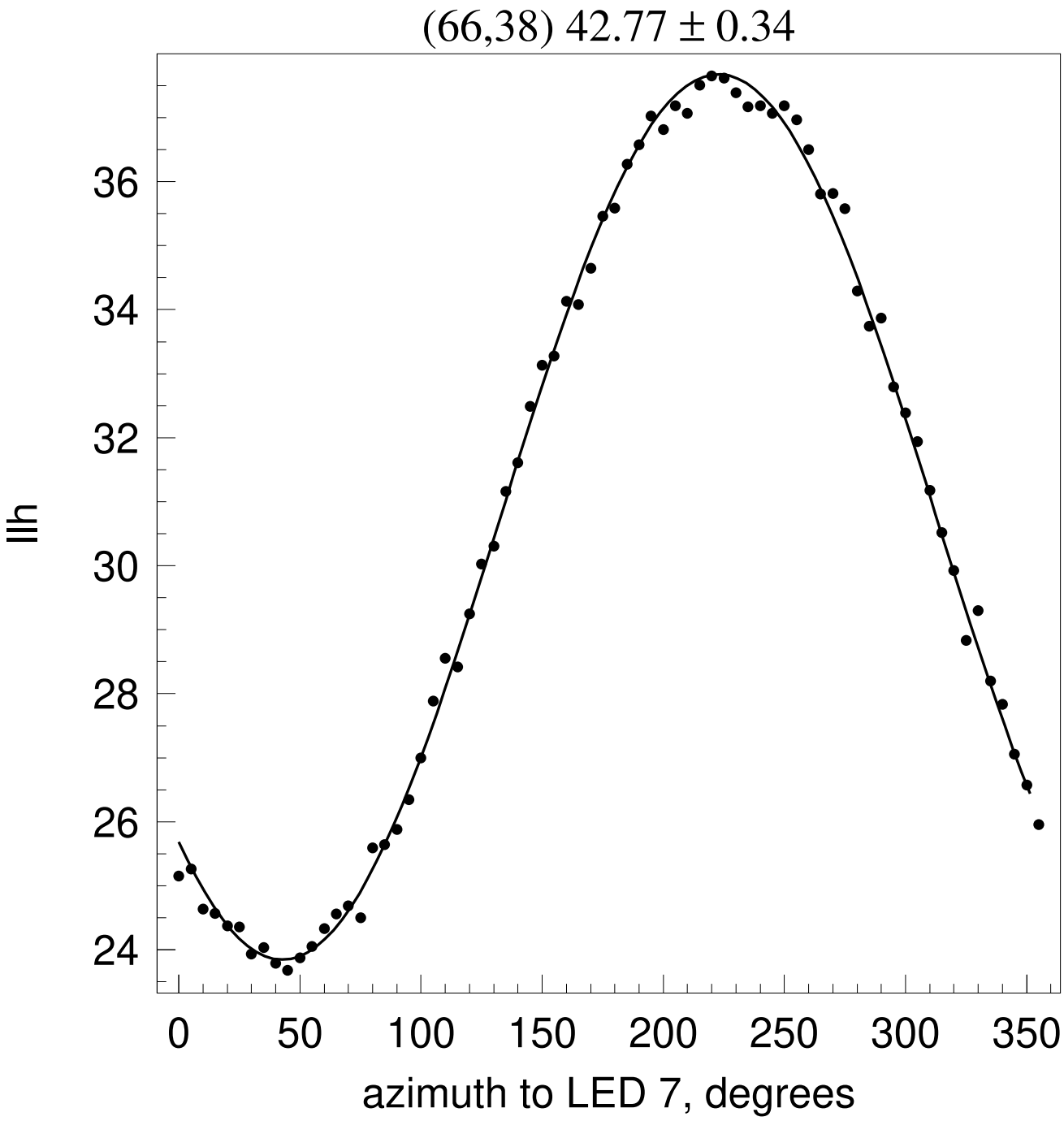

(66,31) 286.56 ± 0.19
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

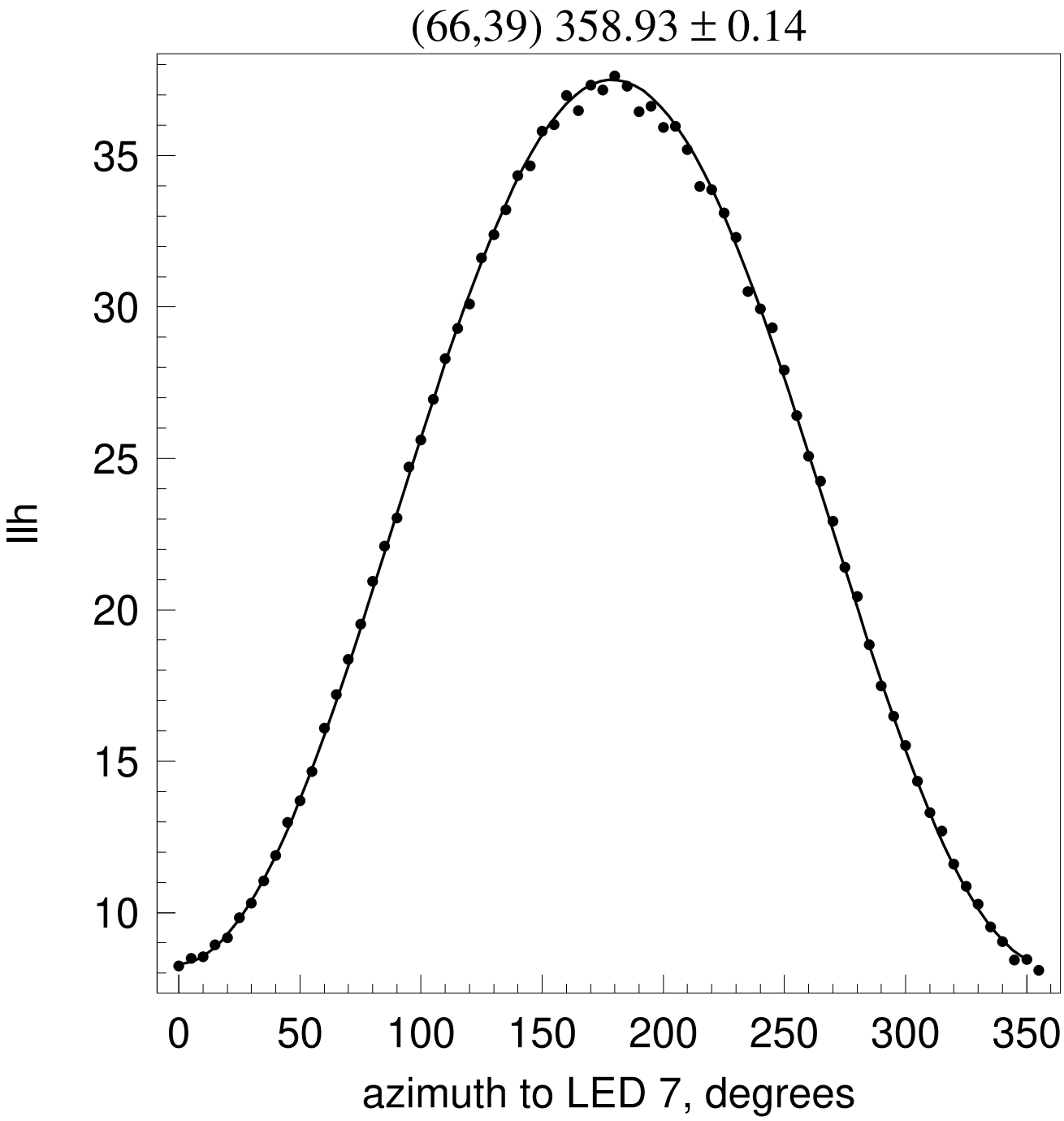

(66,32) 278.83 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

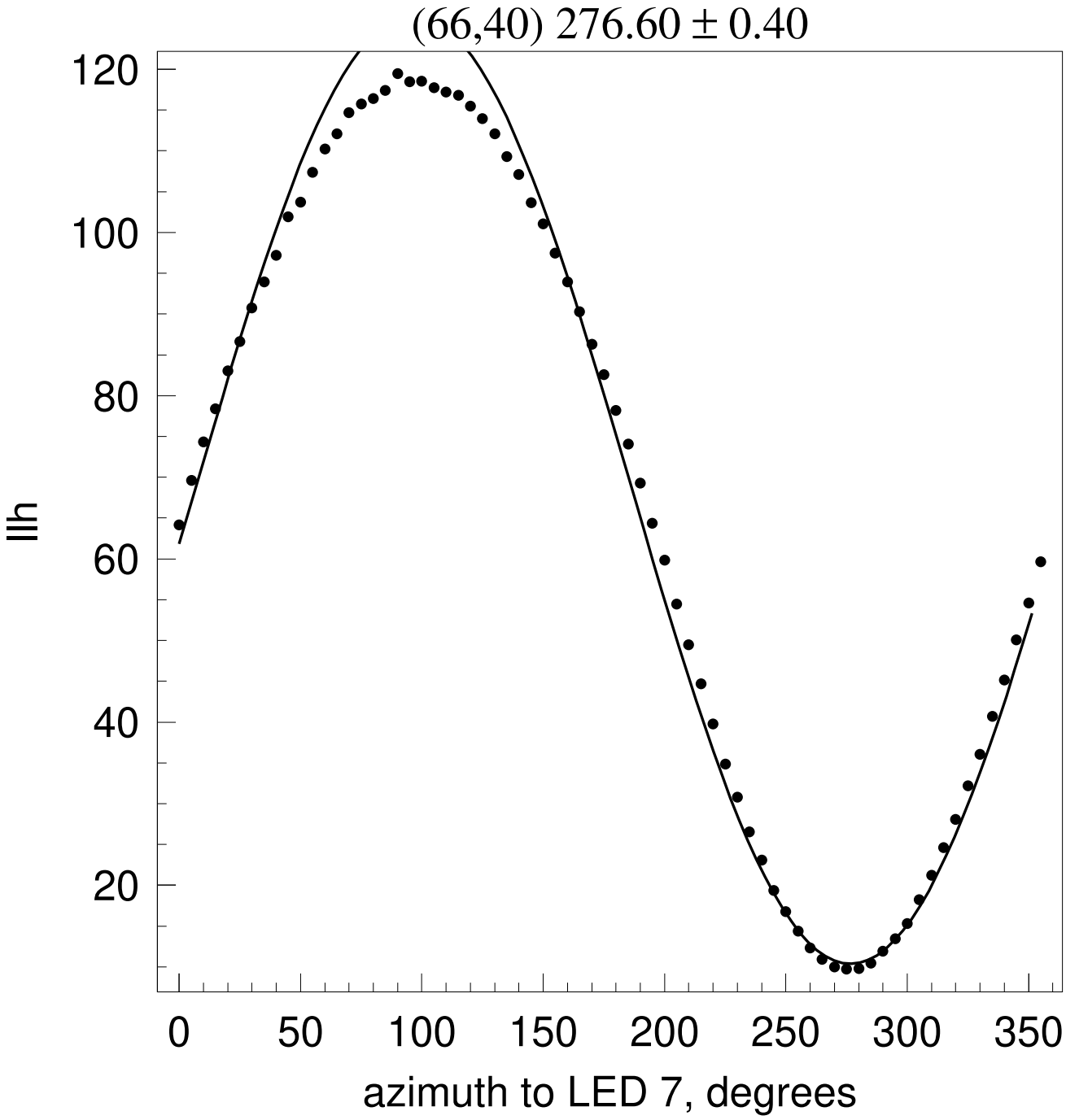

(66,35) 75.03 ± 0.97
52
50
48
46
44
42
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

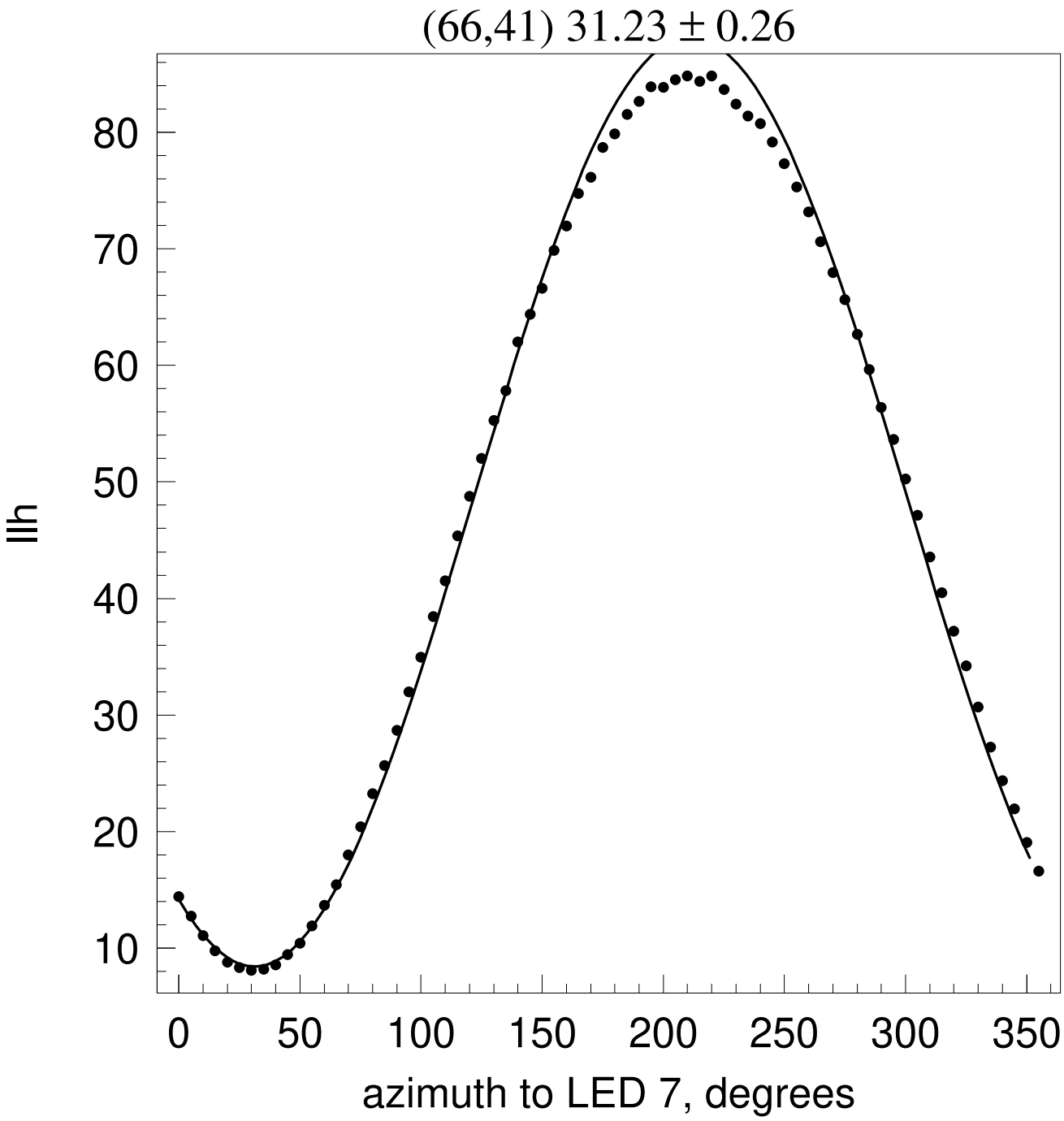

(66,36) 95.22 ± 5.90
32.5
32
31.5
31
30.5
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

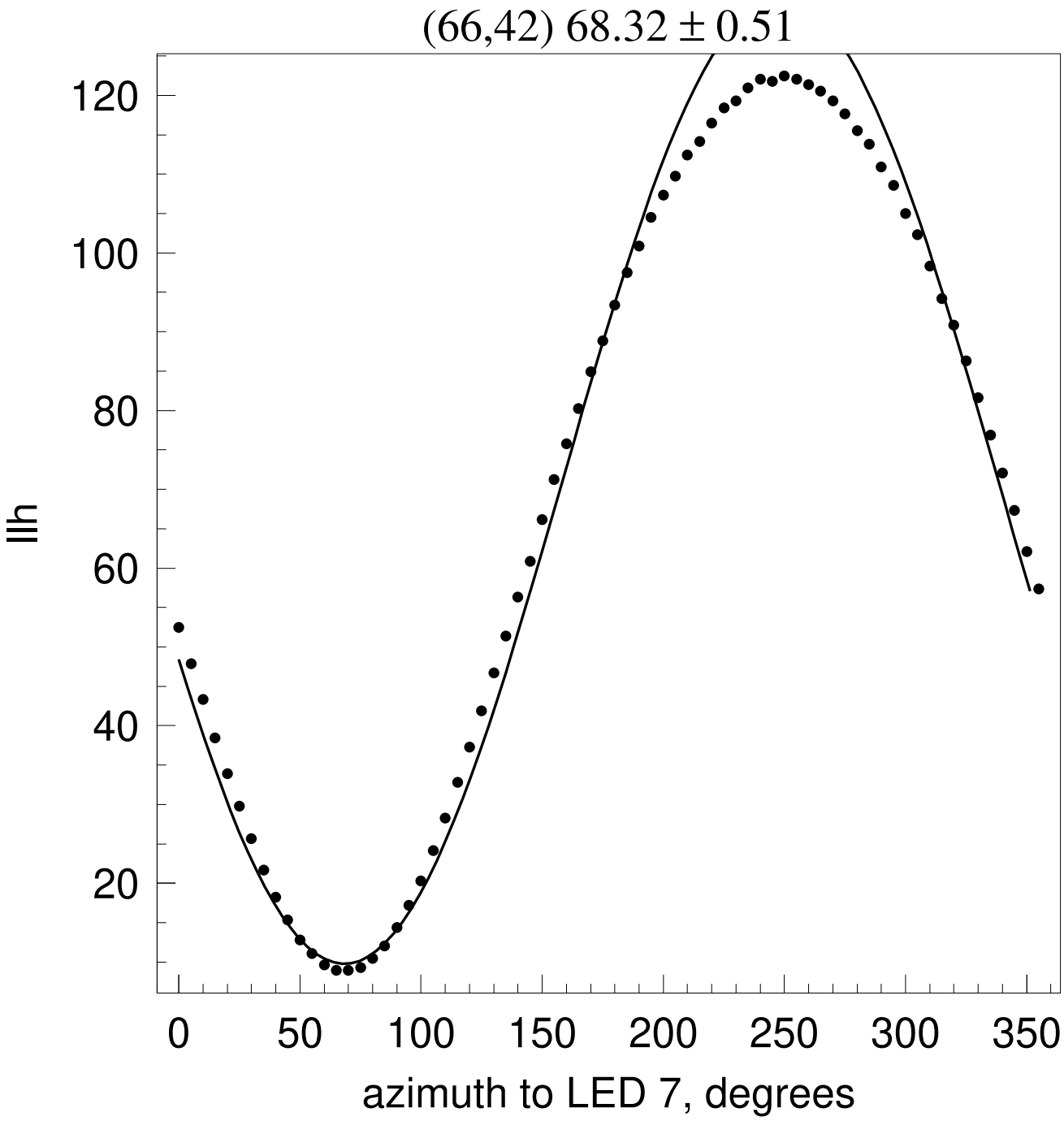

(66,37) 93.27 ± 7.84
33.5
33
32.5
32
31.5
31
30.5
30
29.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

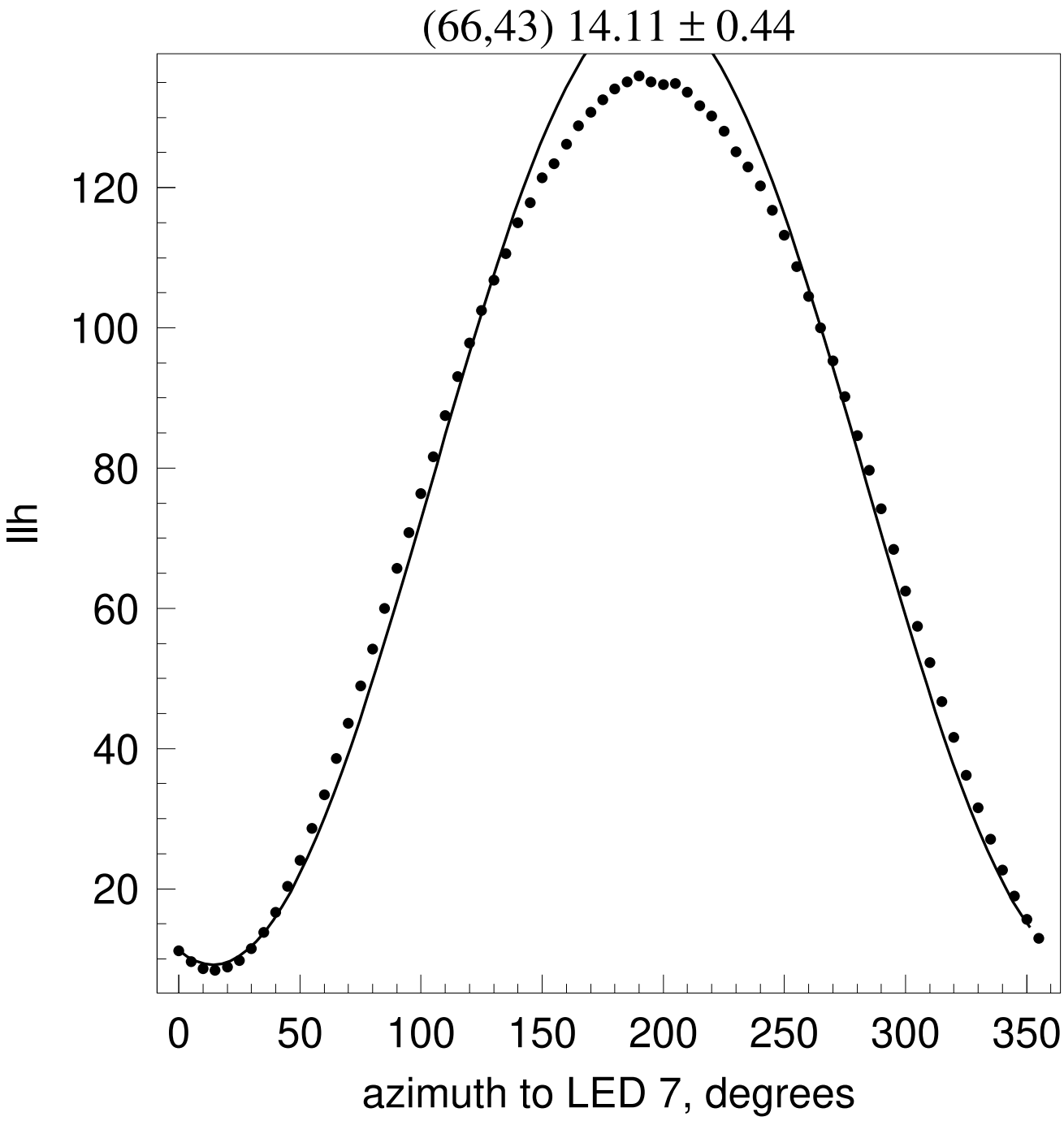

(66,38) 42.77 ± 0.34
36
34
32
30
28
26
24
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

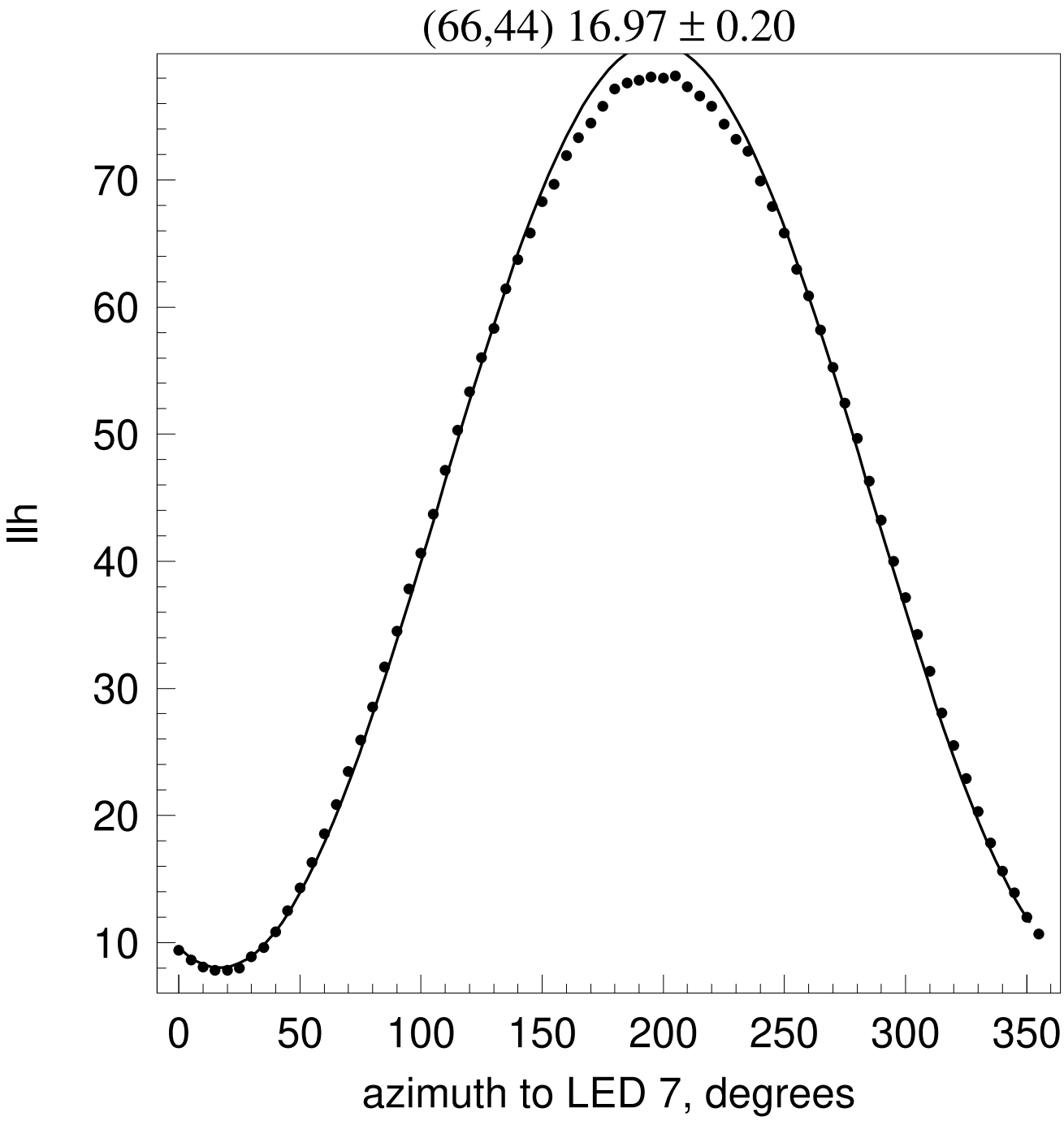

(66,39) 358.93 ± 0.14
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

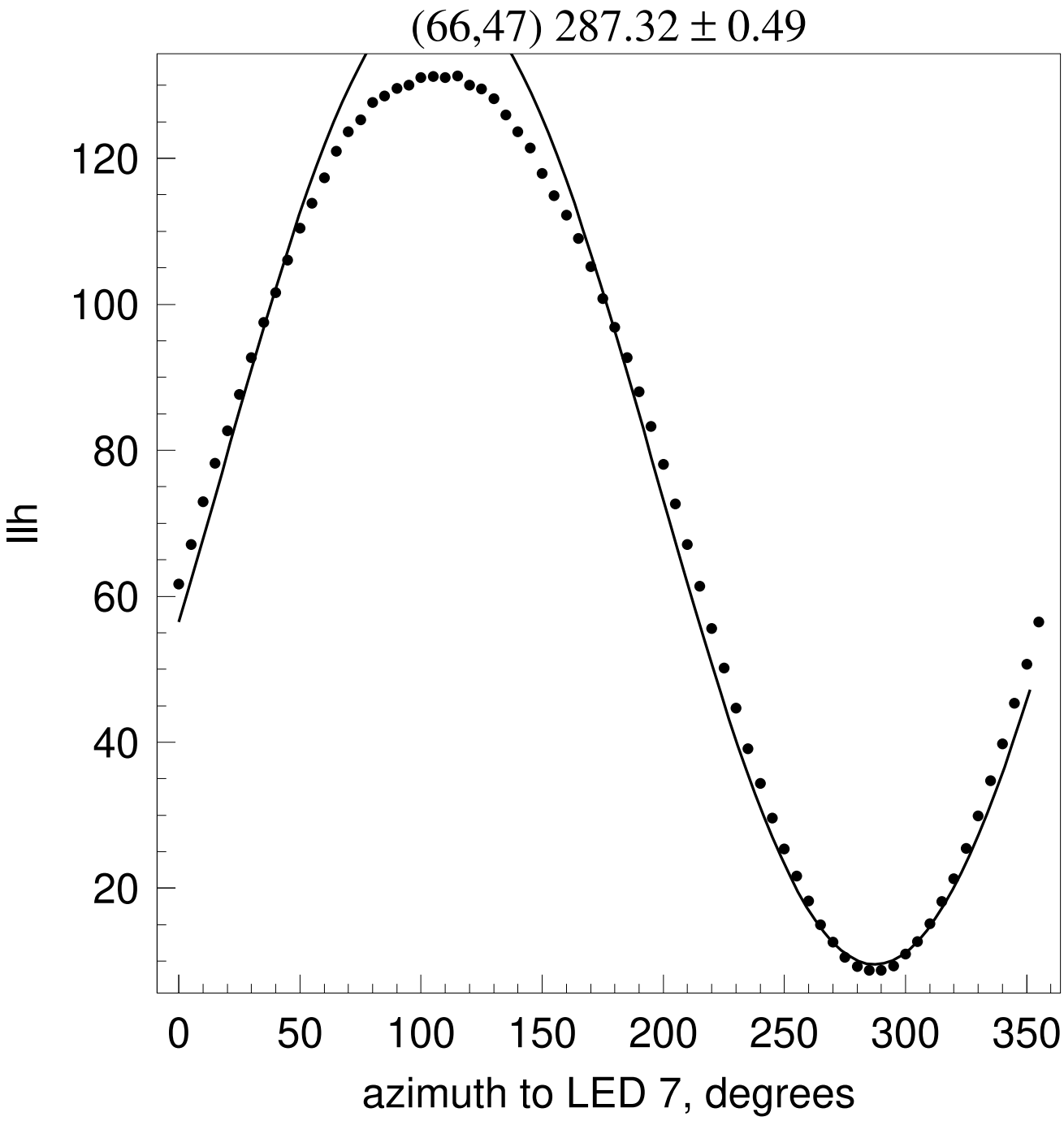

(66,40) 276.60 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

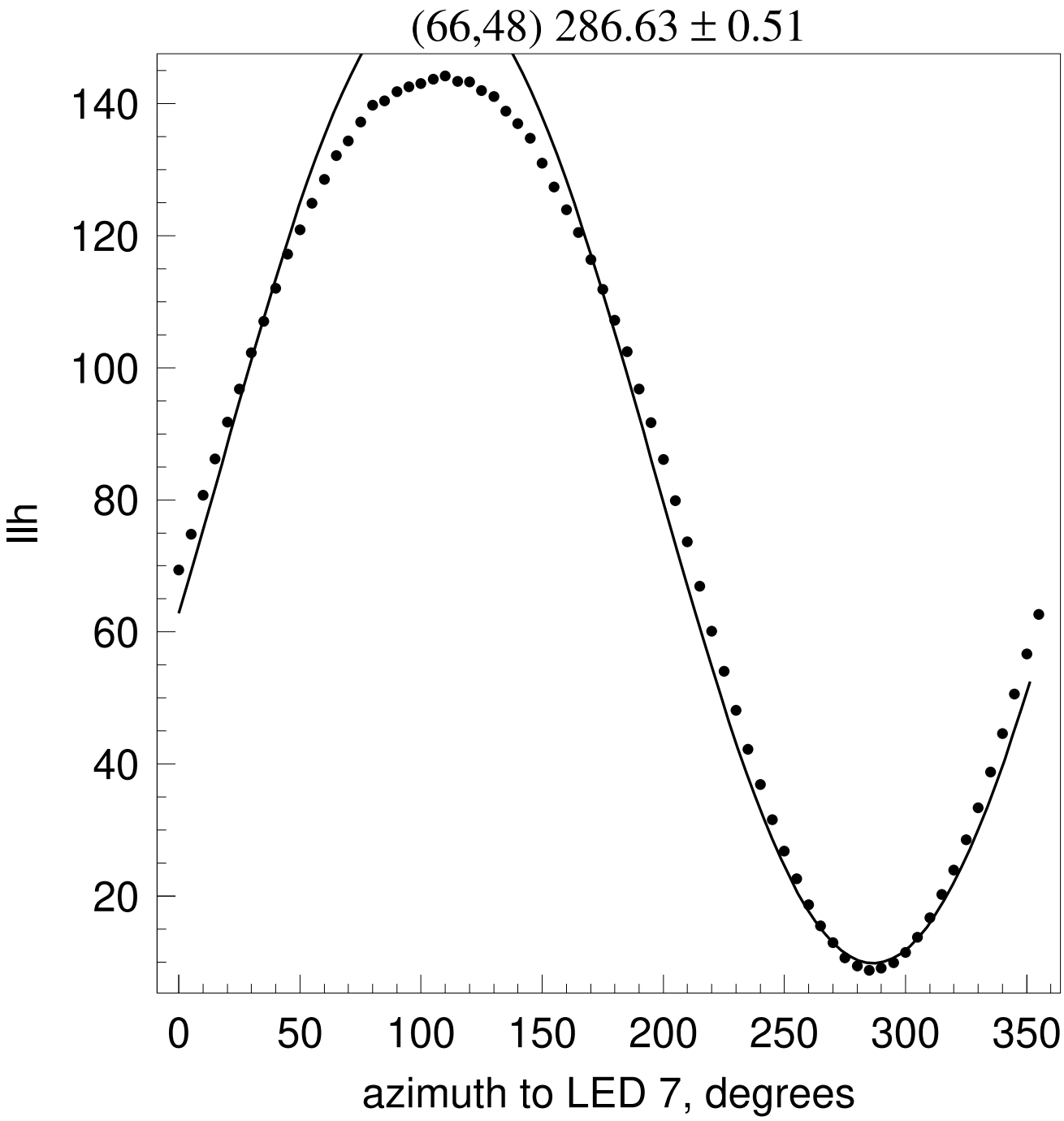

(66,41) 31.23 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

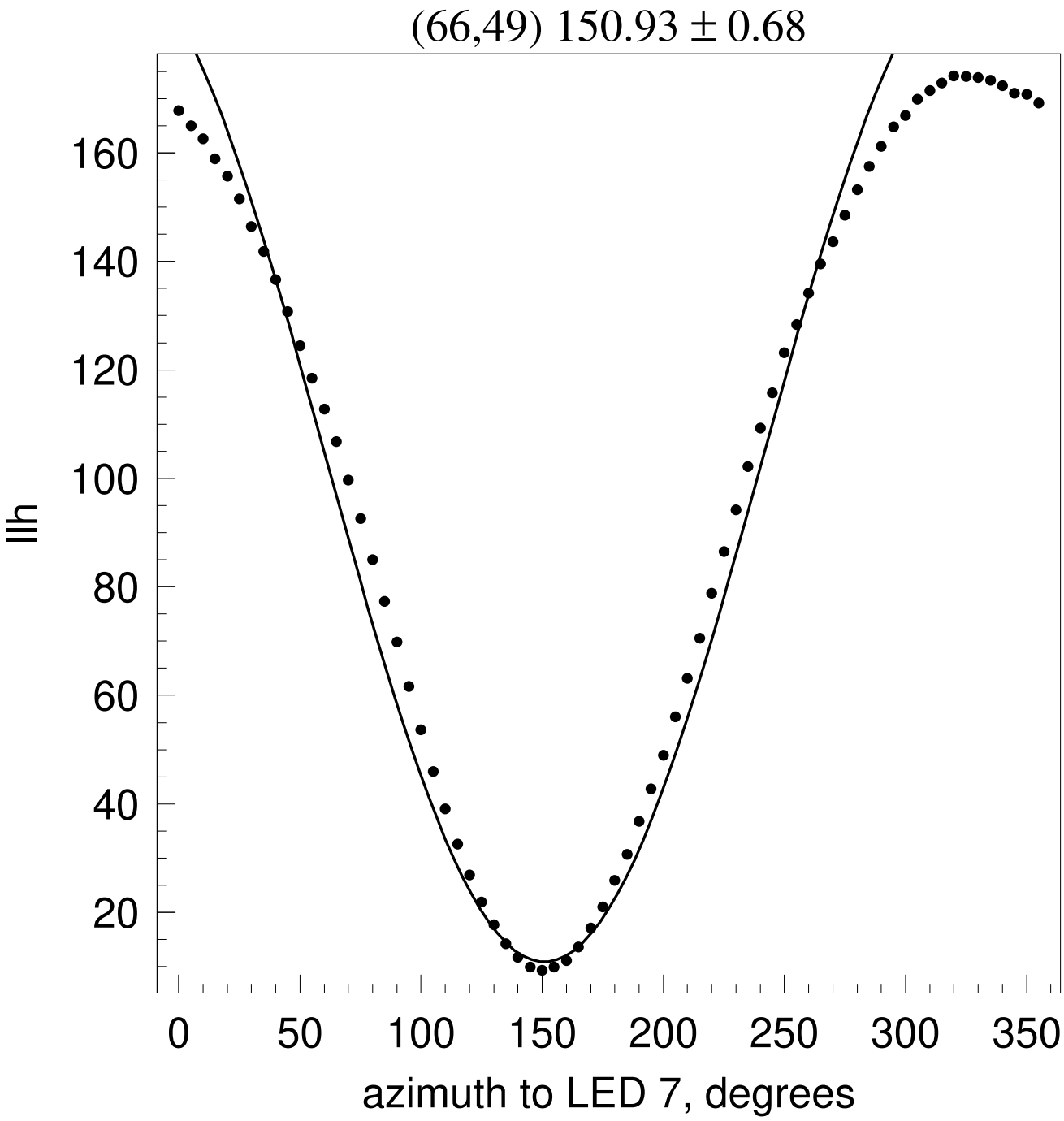

(66,42) 68.32 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

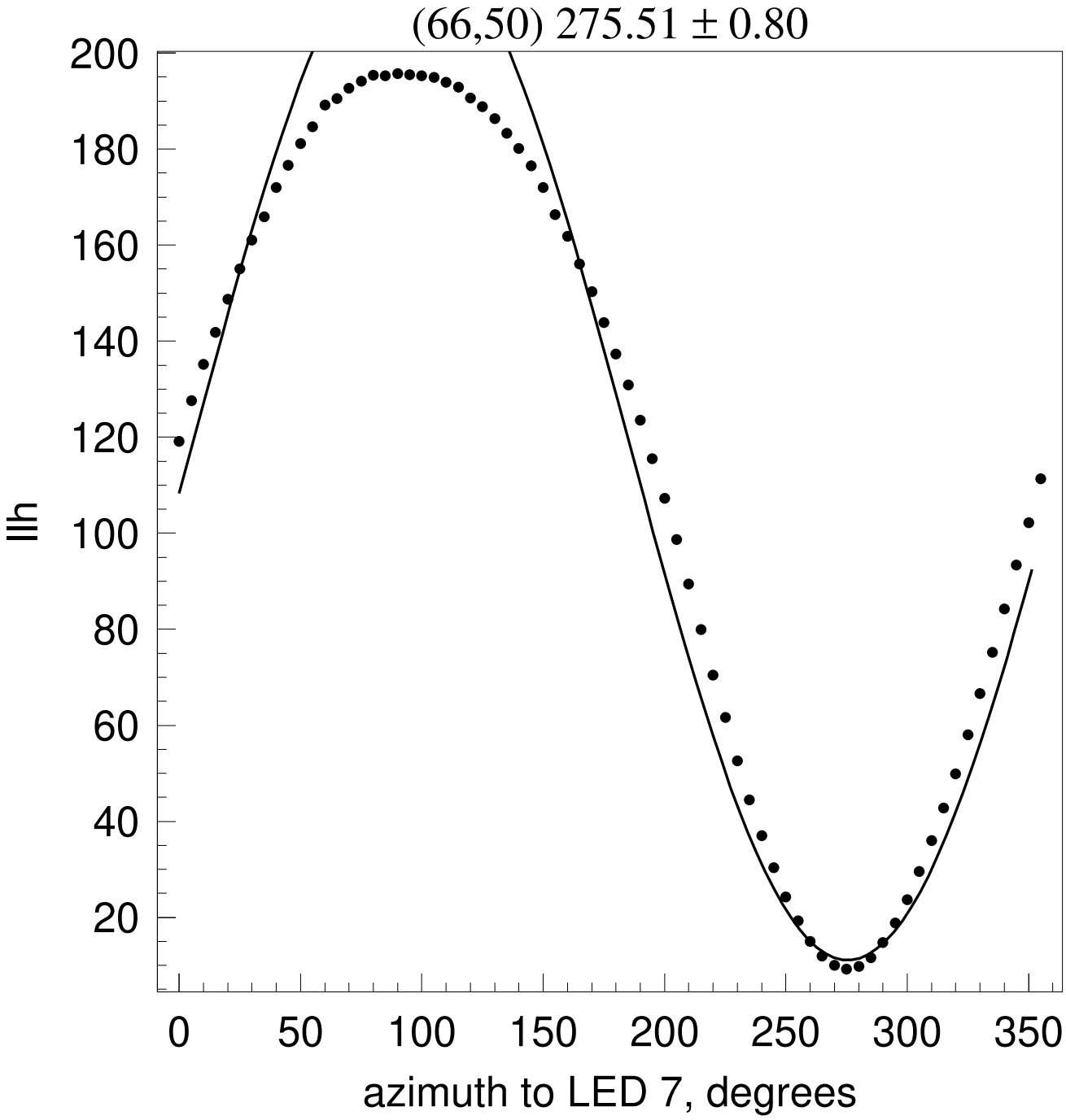

(66,43) 14.11 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

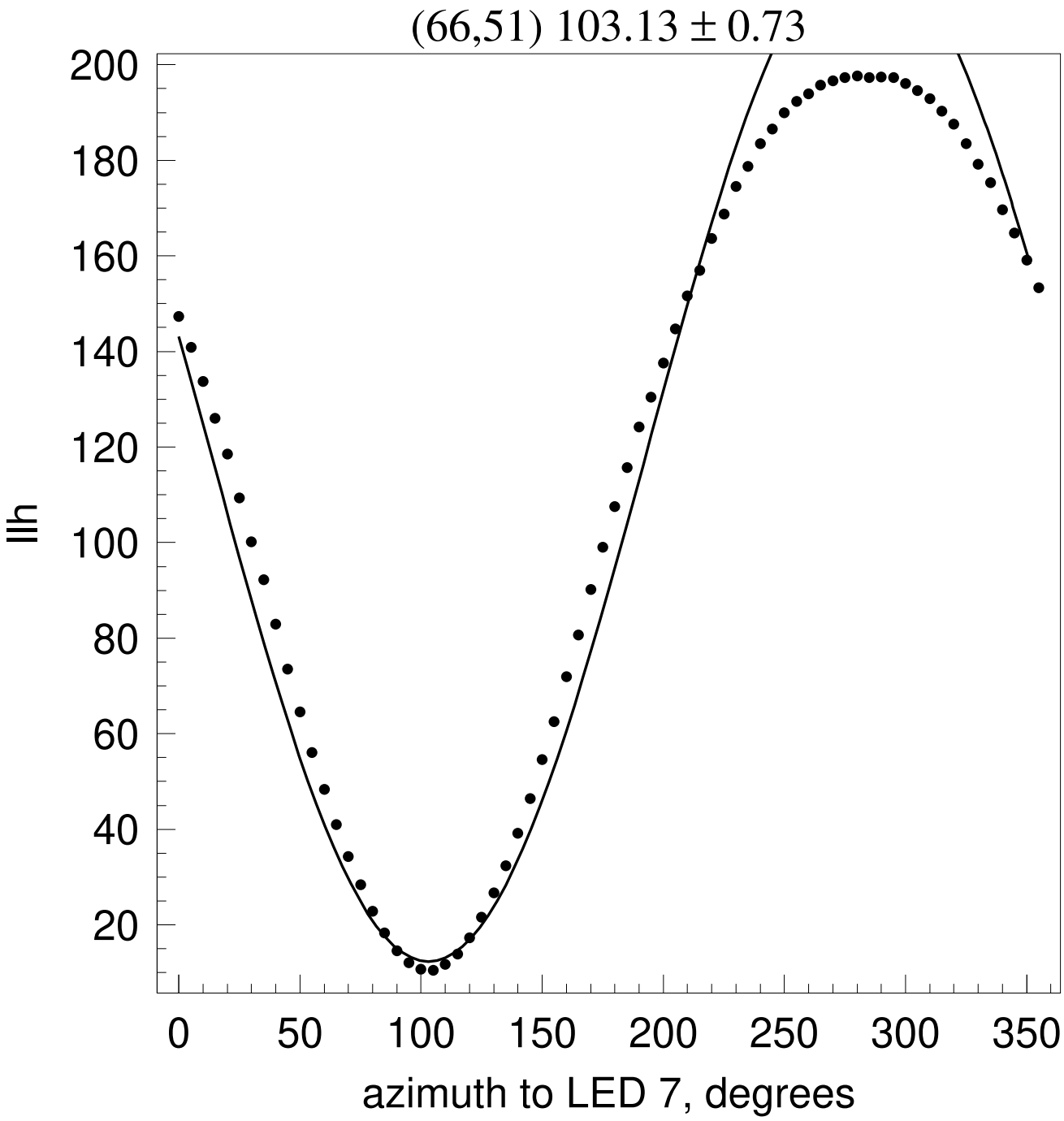

(66,44) 16.97 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

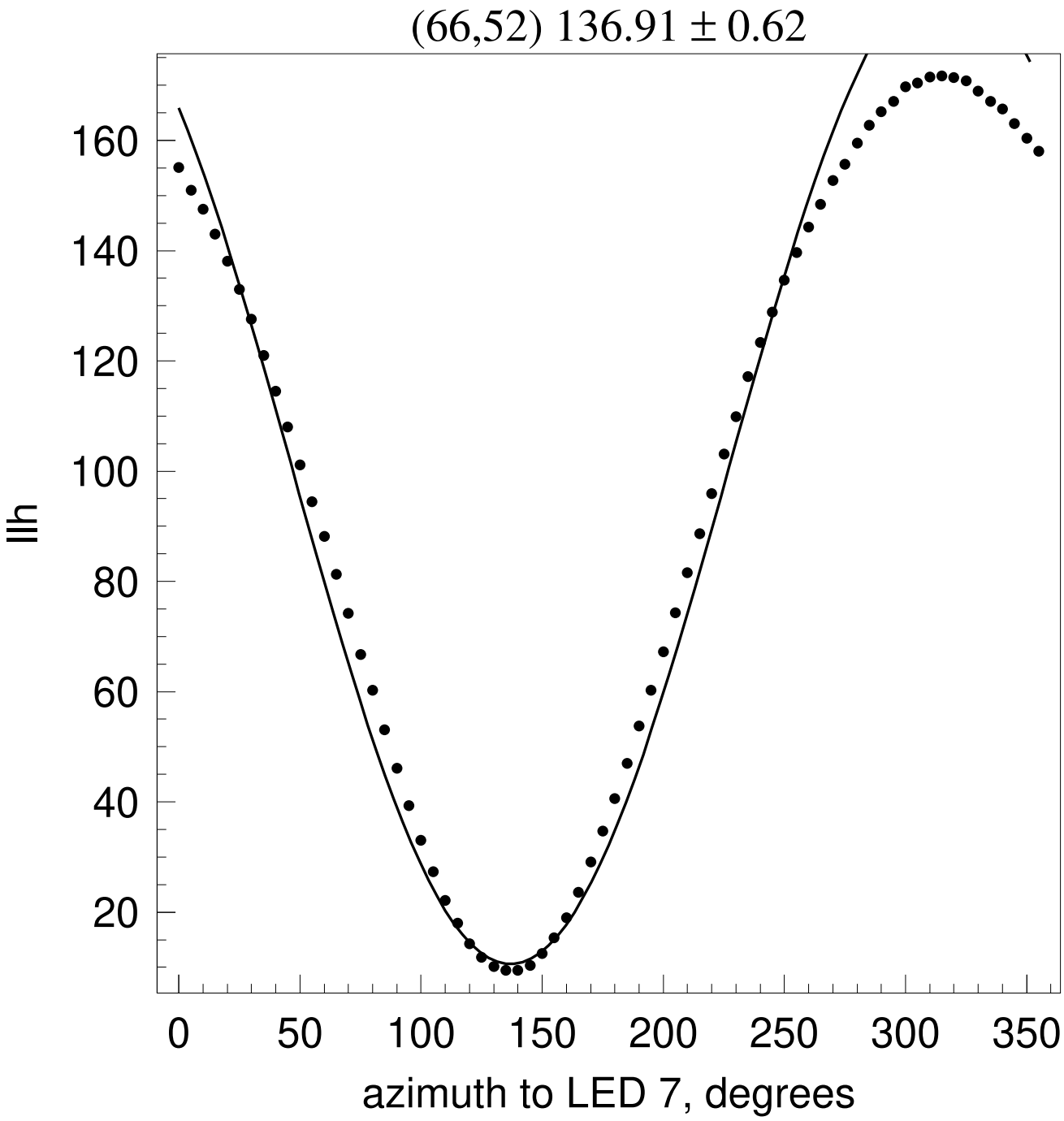

(66,47) 287.32 ± 0.49
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

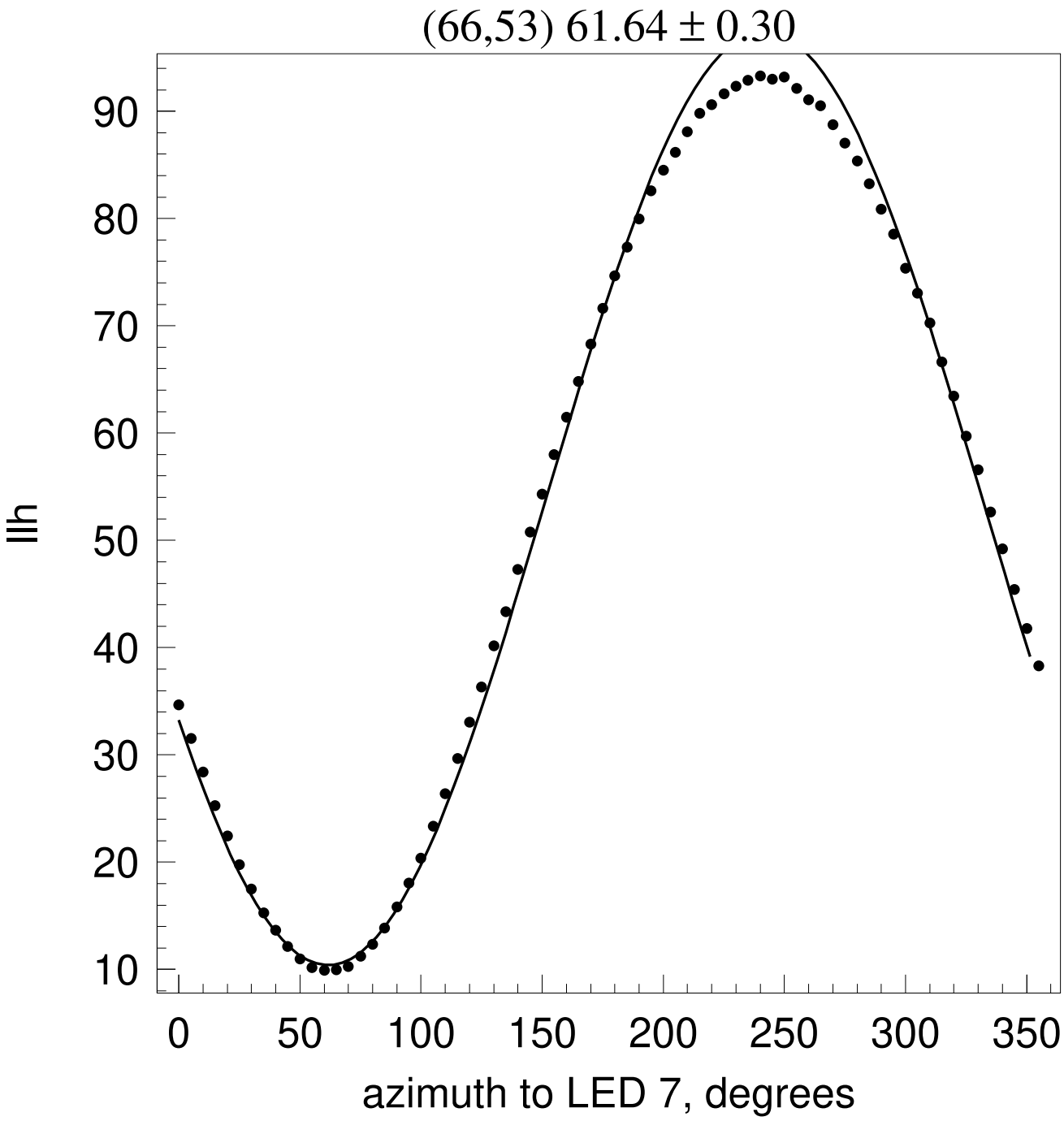

(66,48) 286.63 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

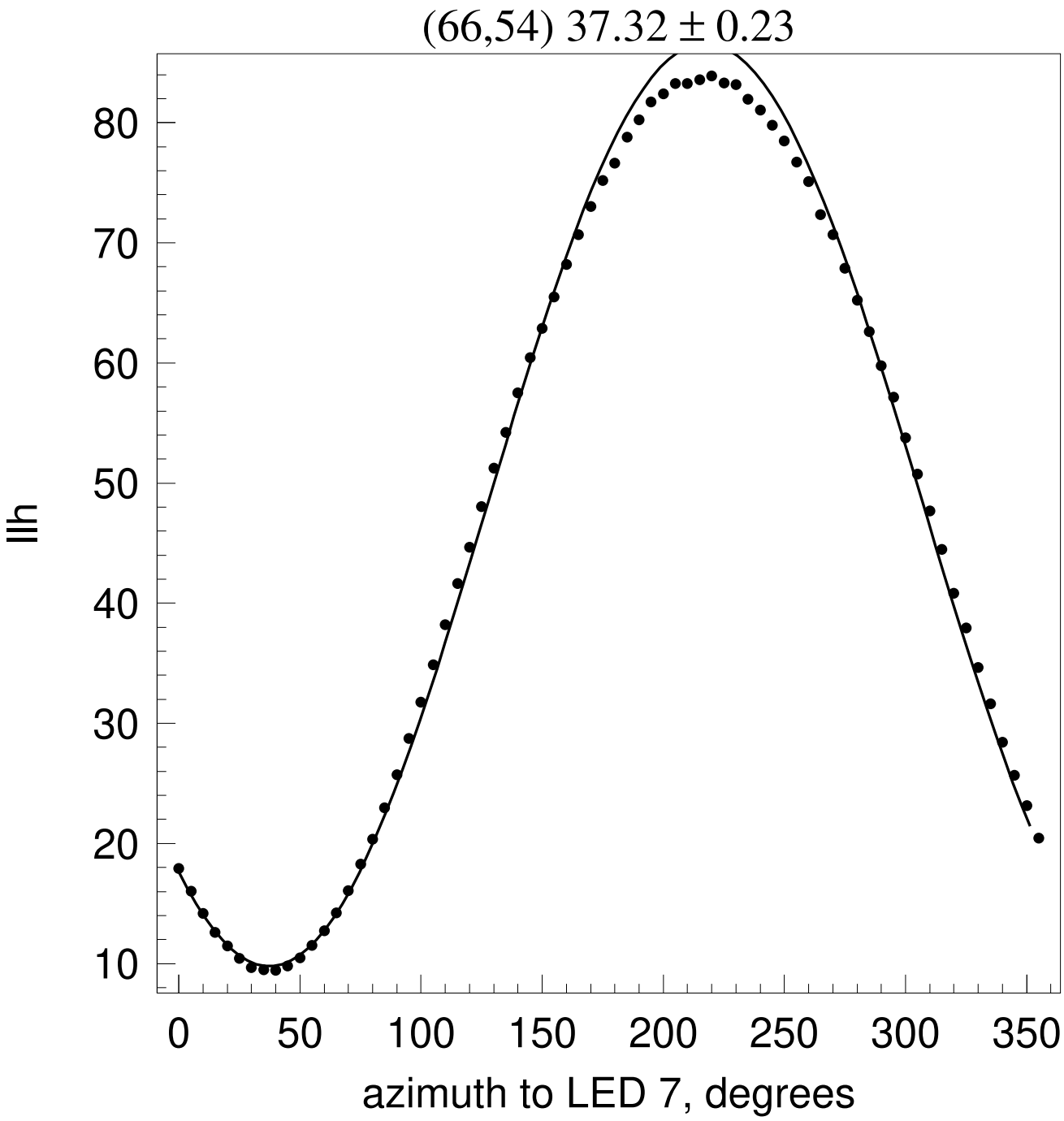

(66,49) 150.93 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

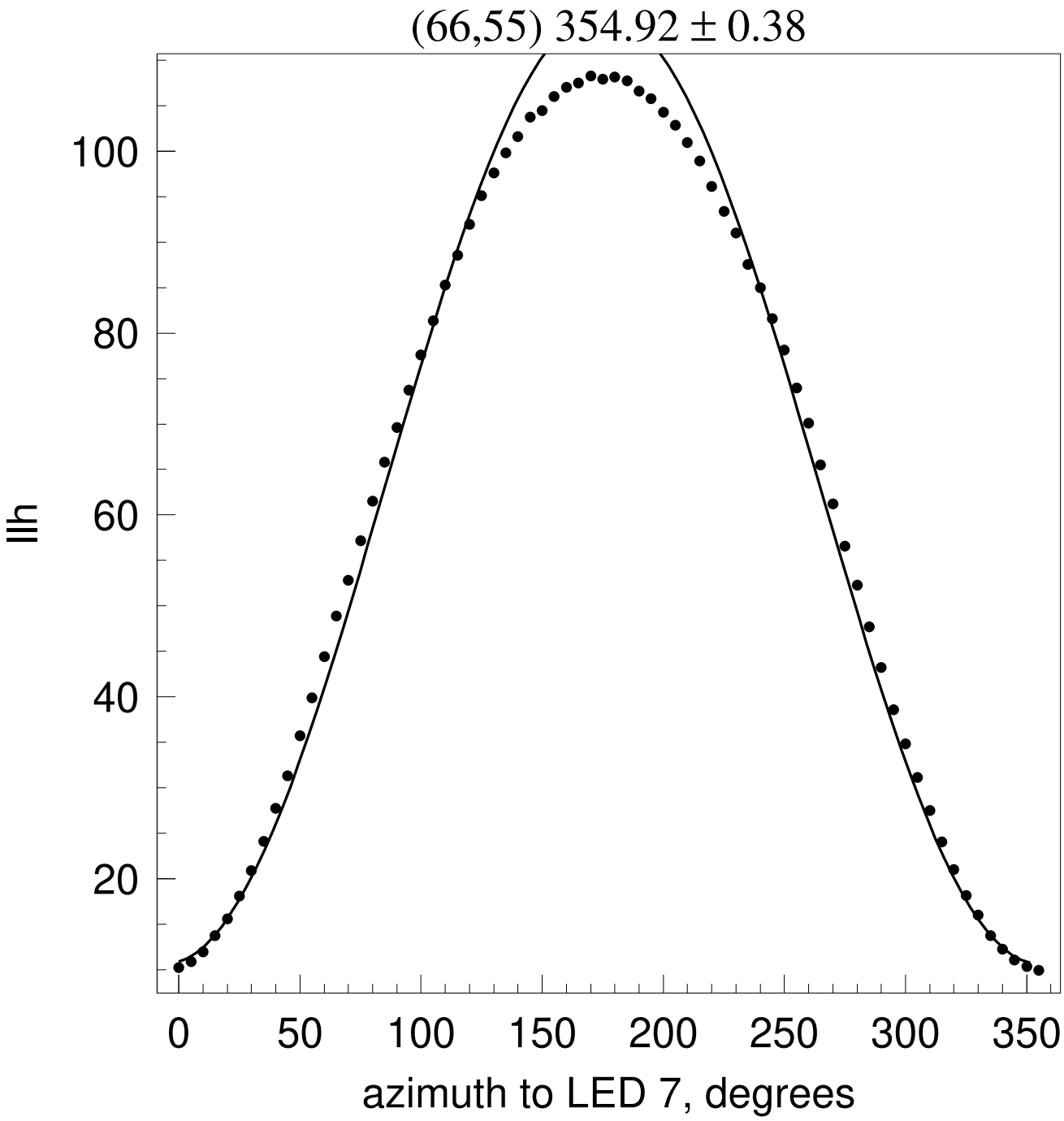

(66,50) 275.51 ± 0.80
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

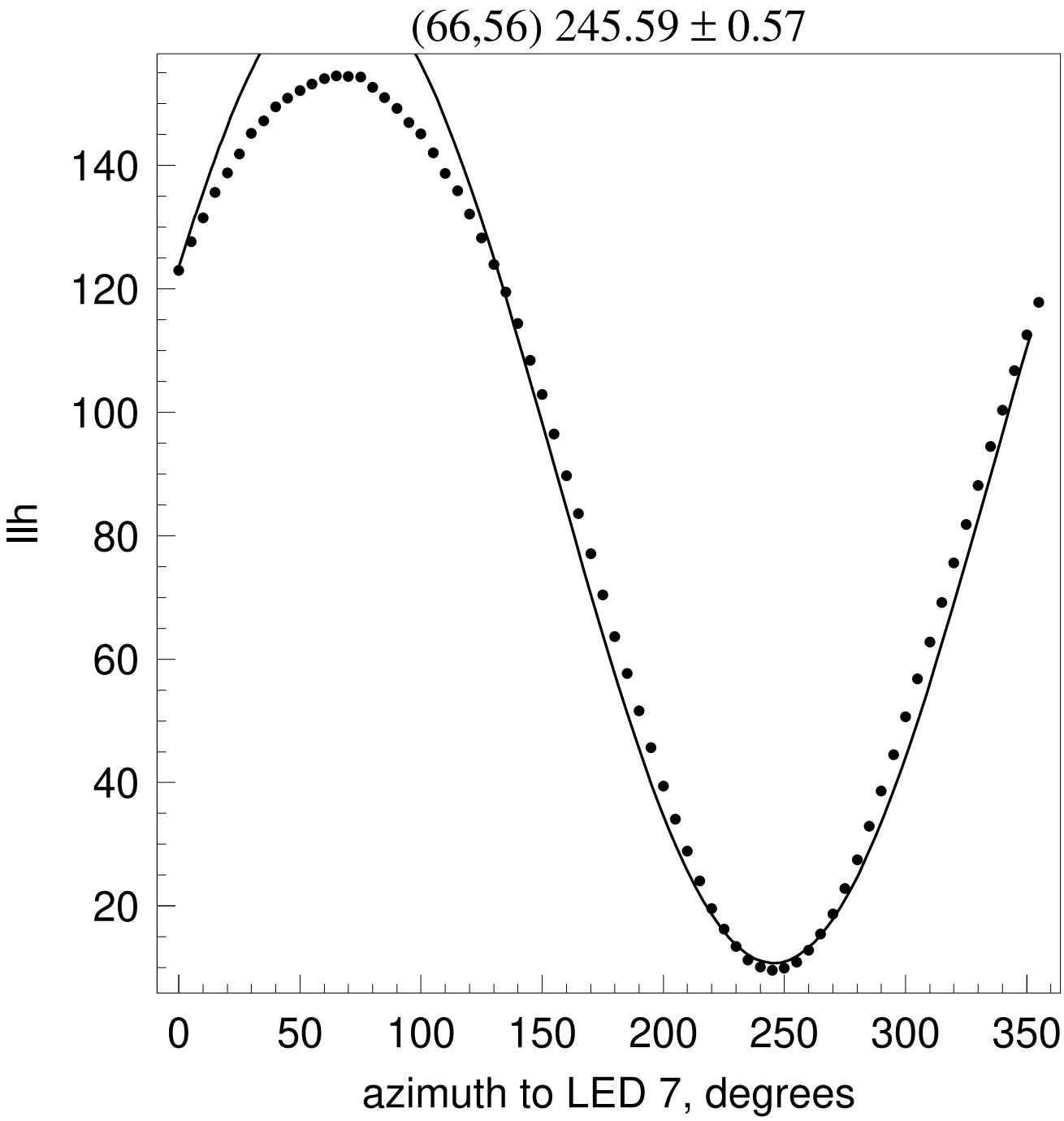

(66,51) 103.13 ± 0.73
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

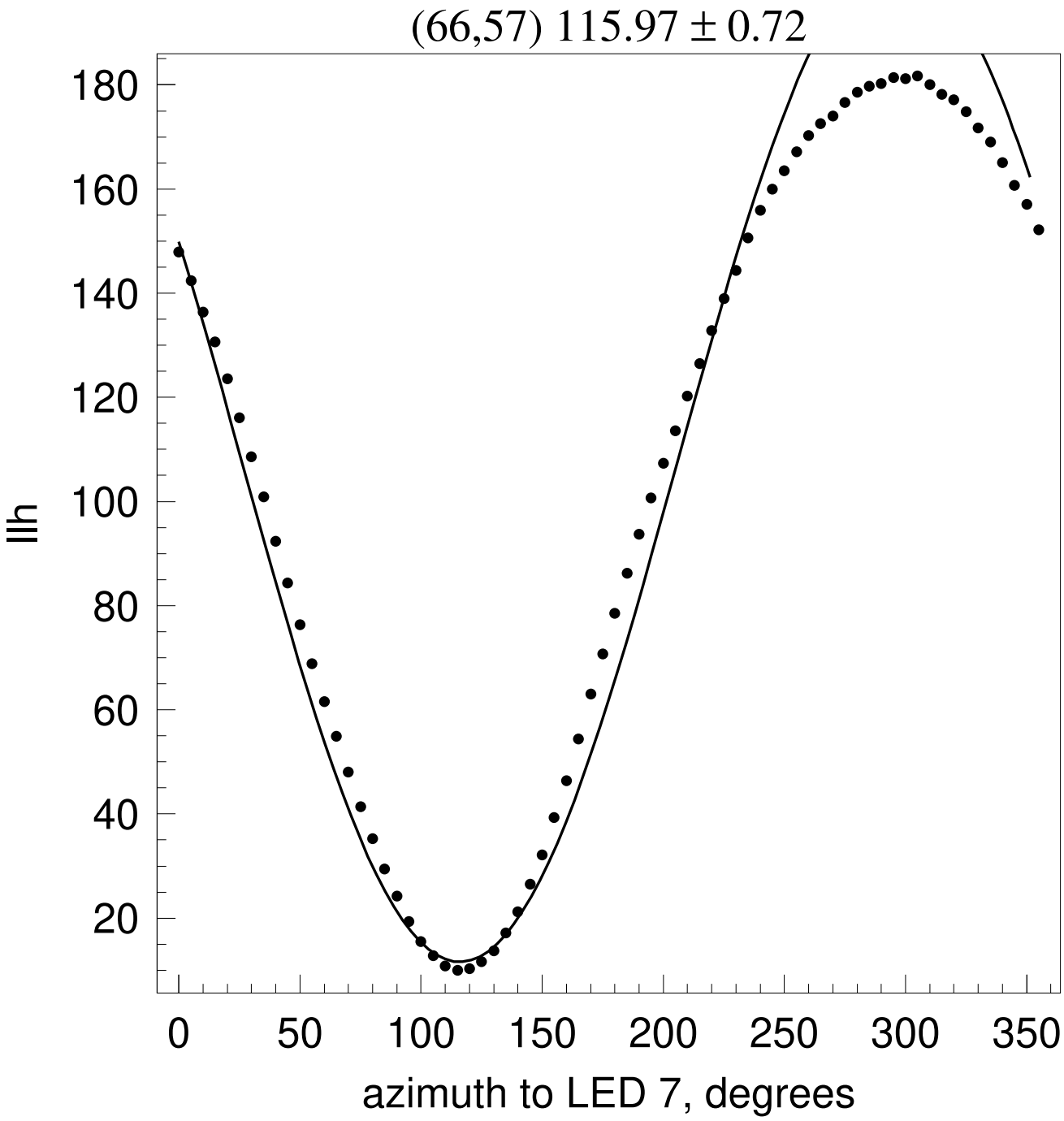

(66,52) 136.91 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

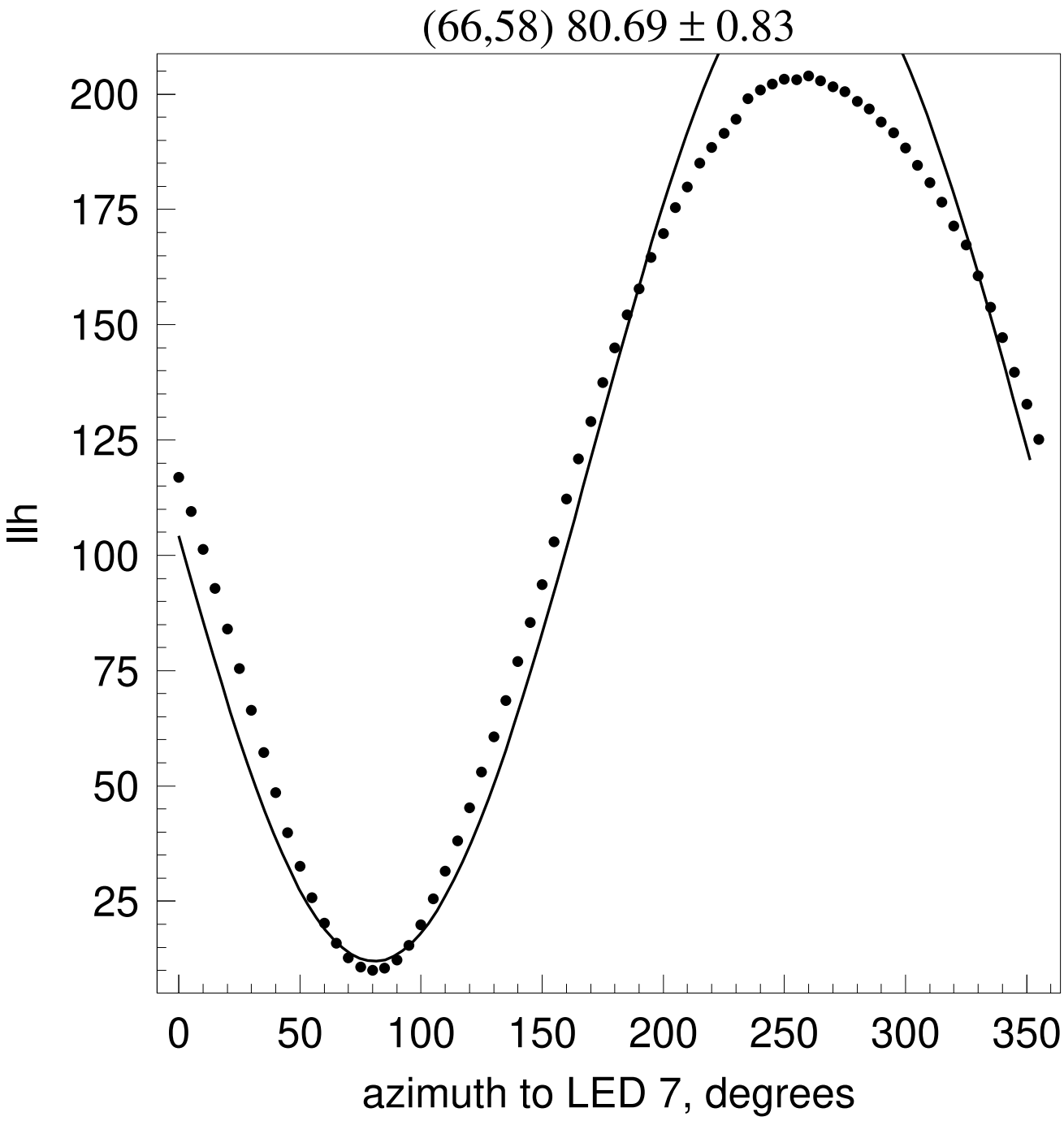

(66,53) 61.64 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

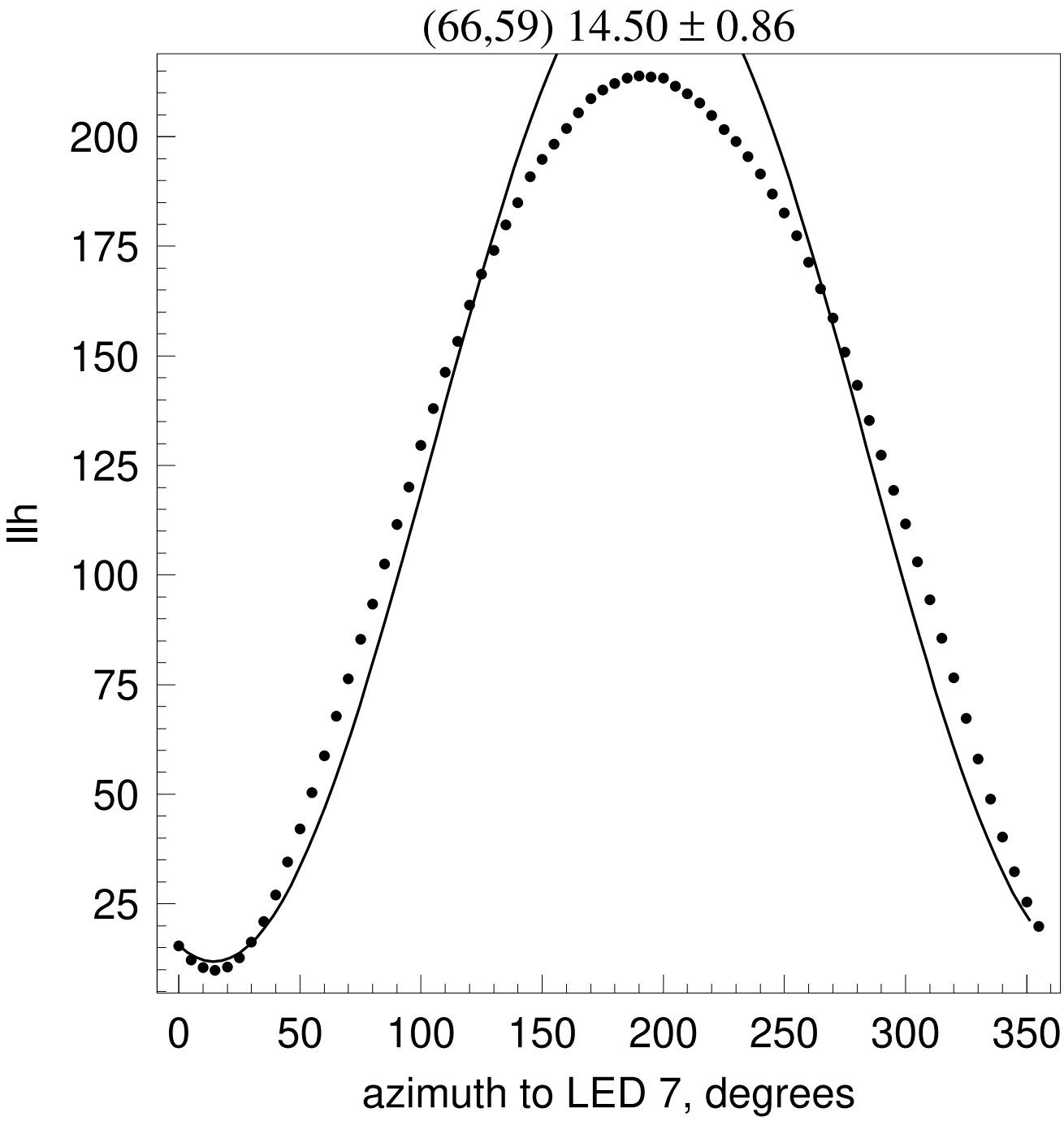

(66,54) 37.32 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

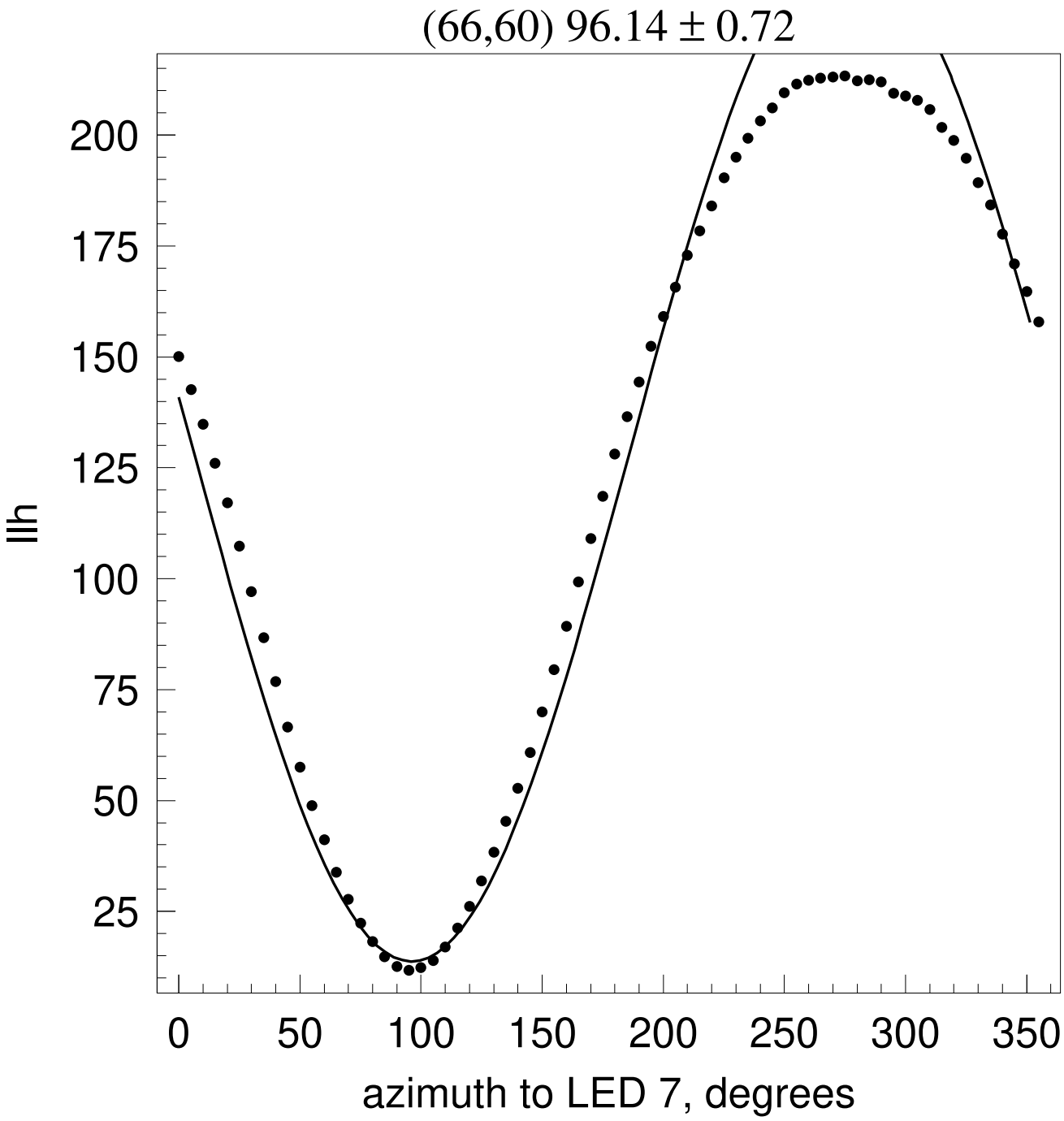

(66,55) 354.92 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

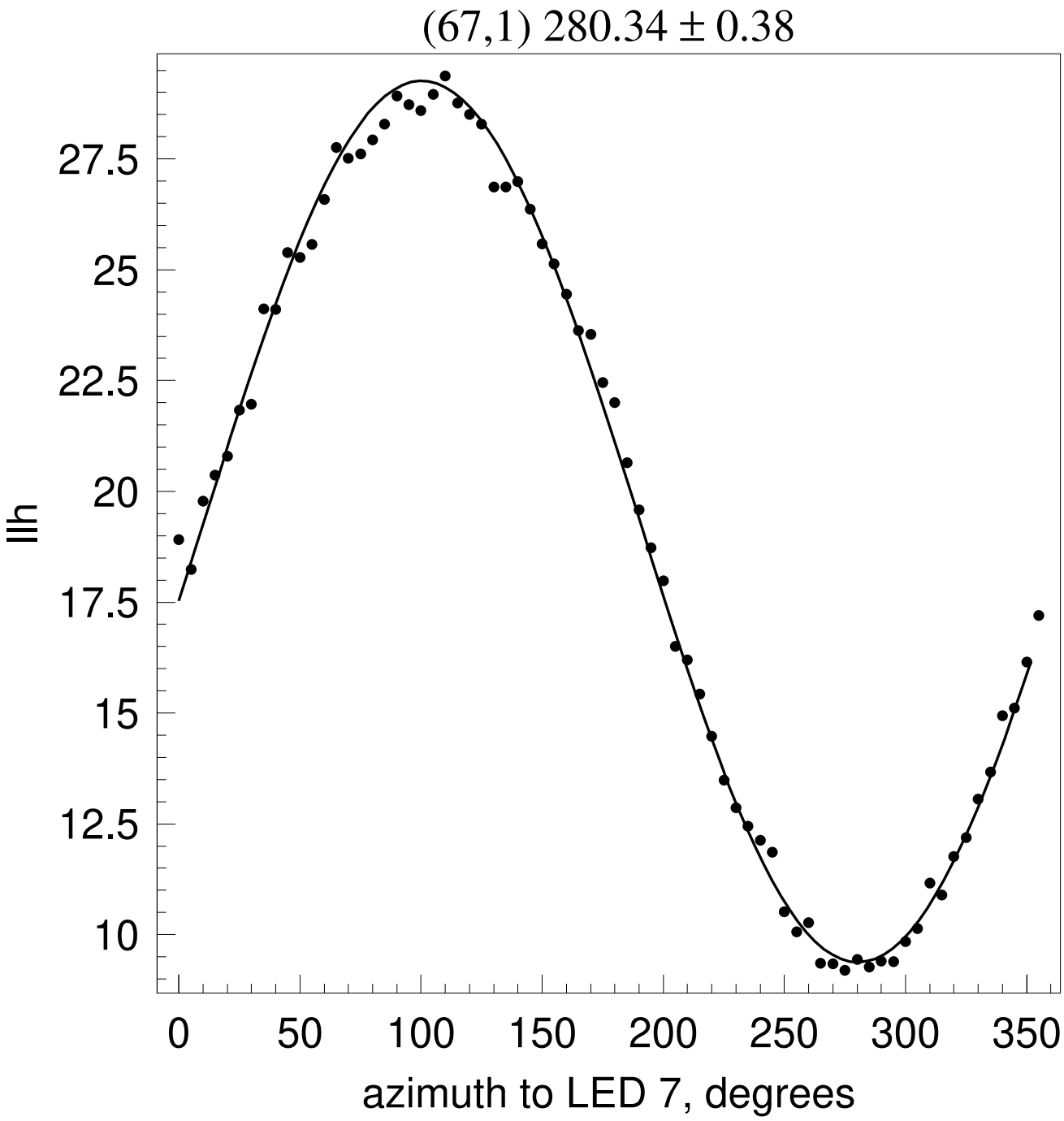

(66,56) 245.59 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

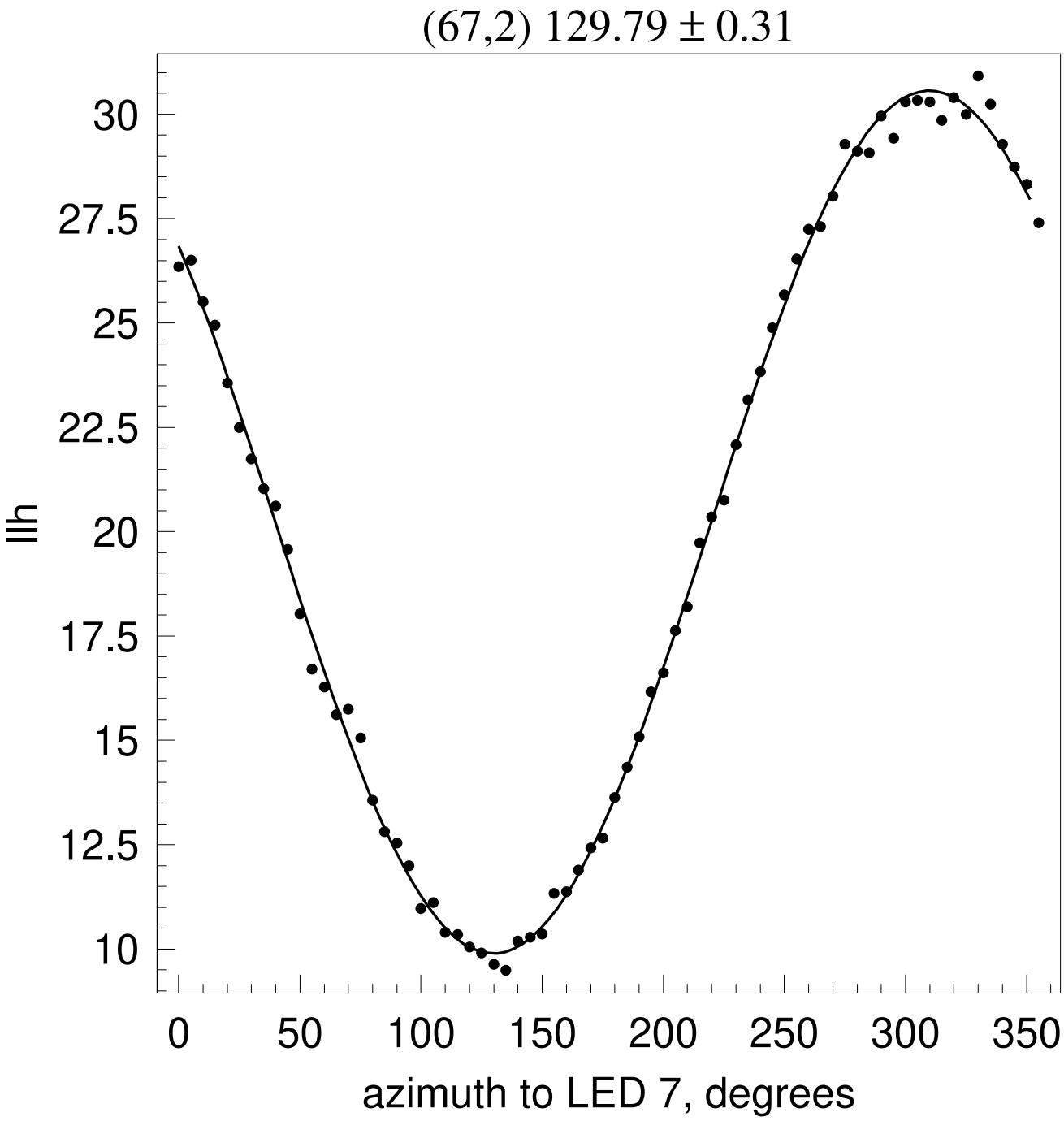

(66,57) 115.97 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

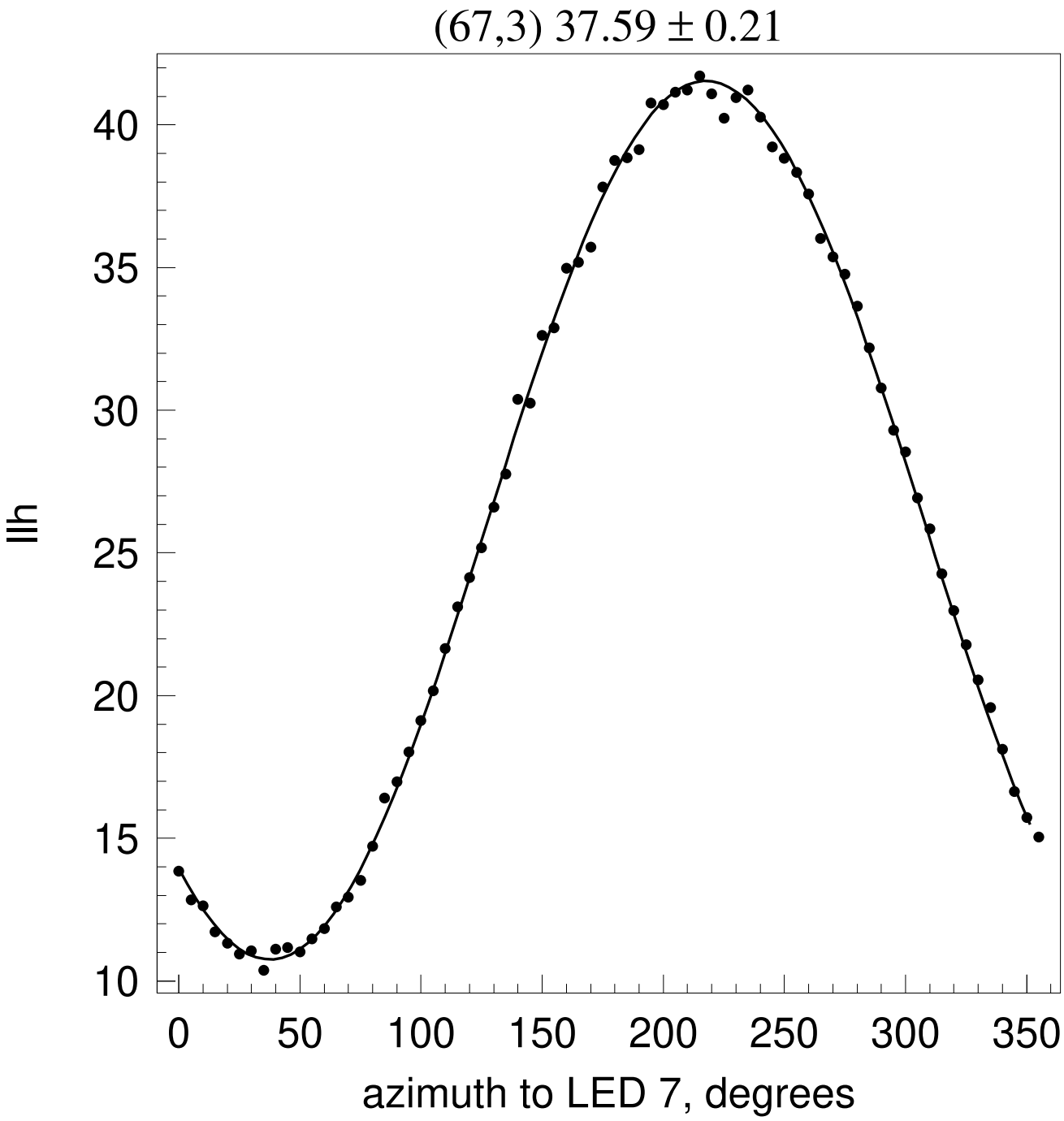

(66,58) 80.69 ± 0.83
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

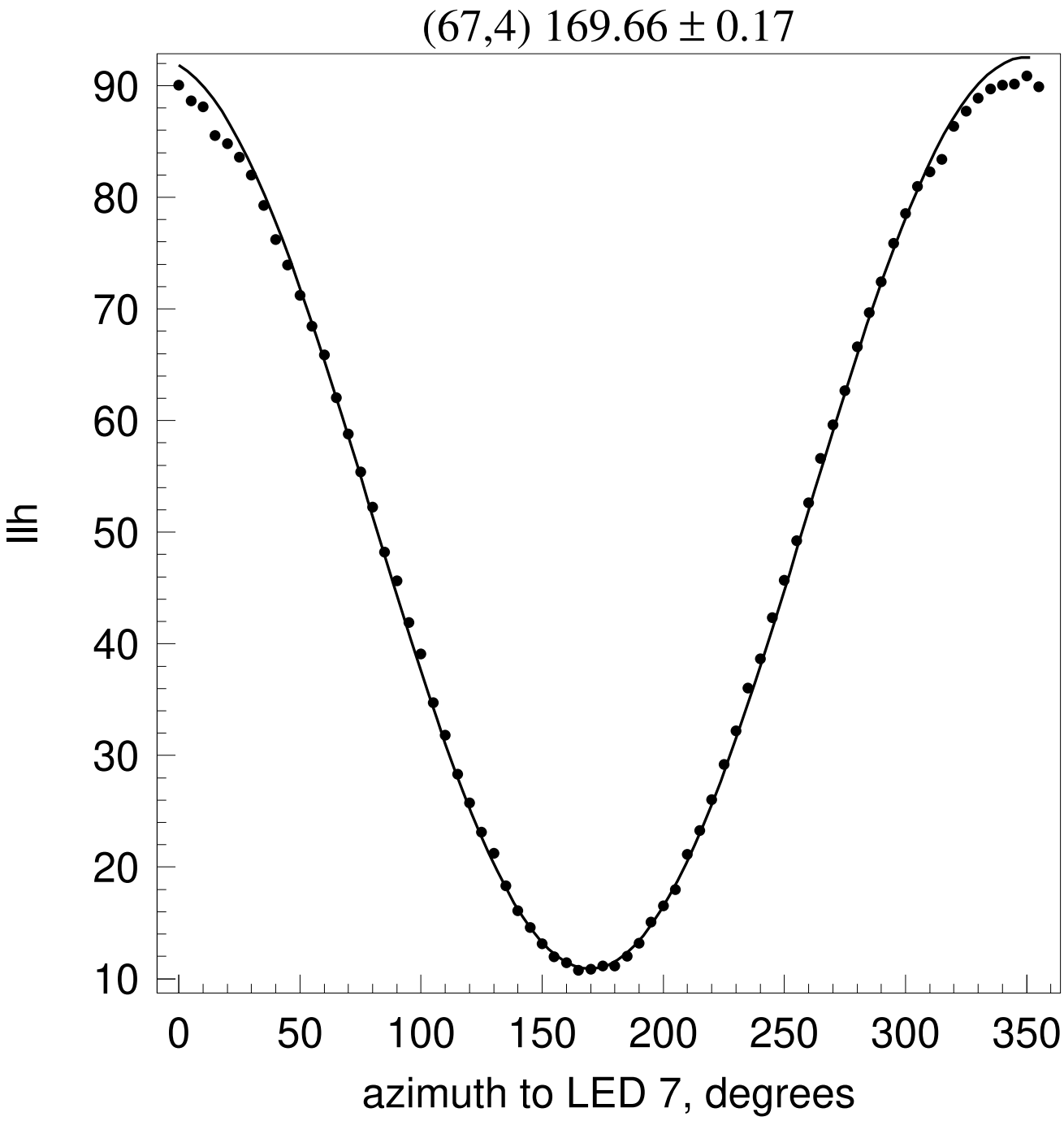

(66,59) 14.50 ± 0.86
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

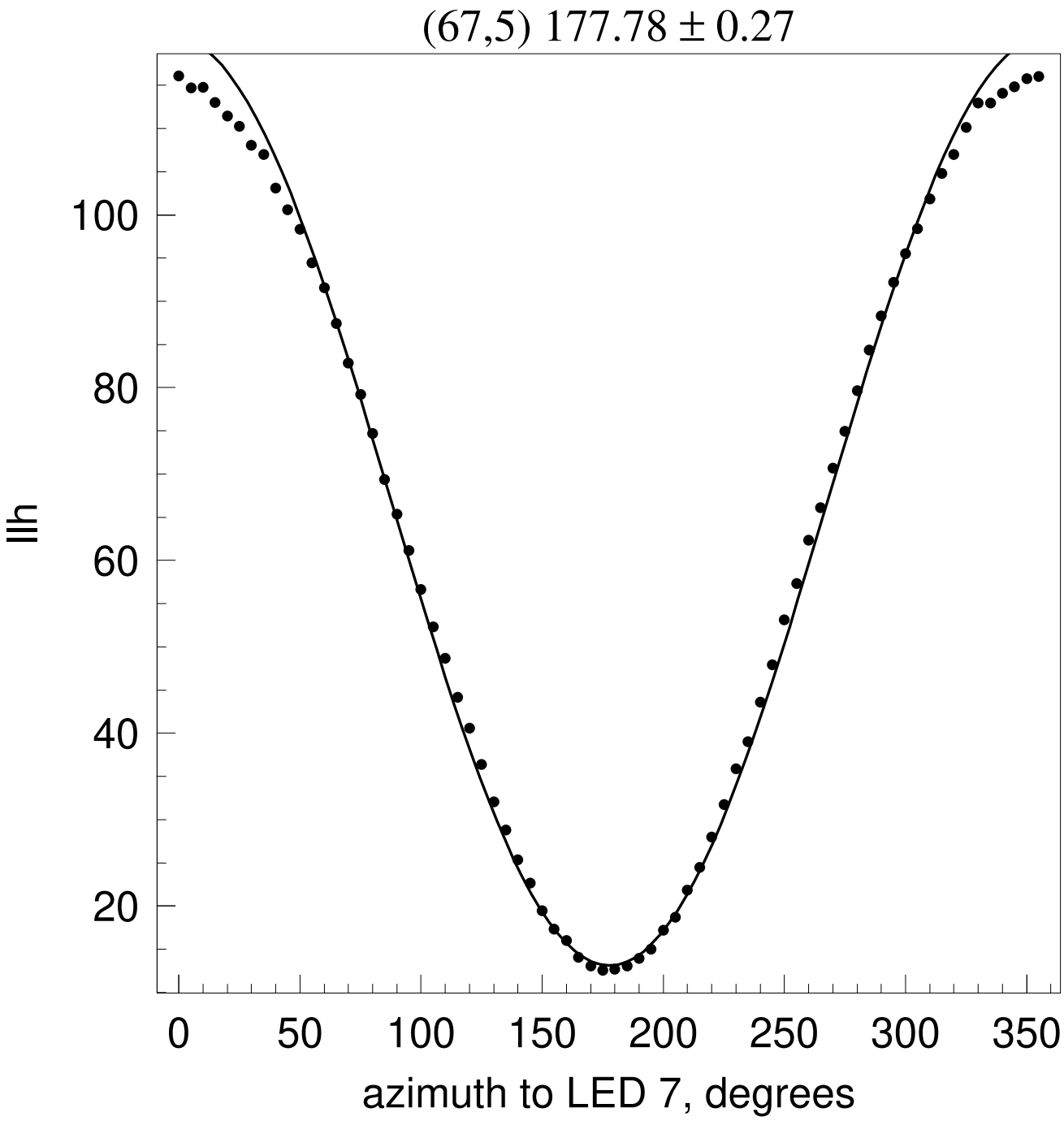

(66,60) 96.14 ± 0.72
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

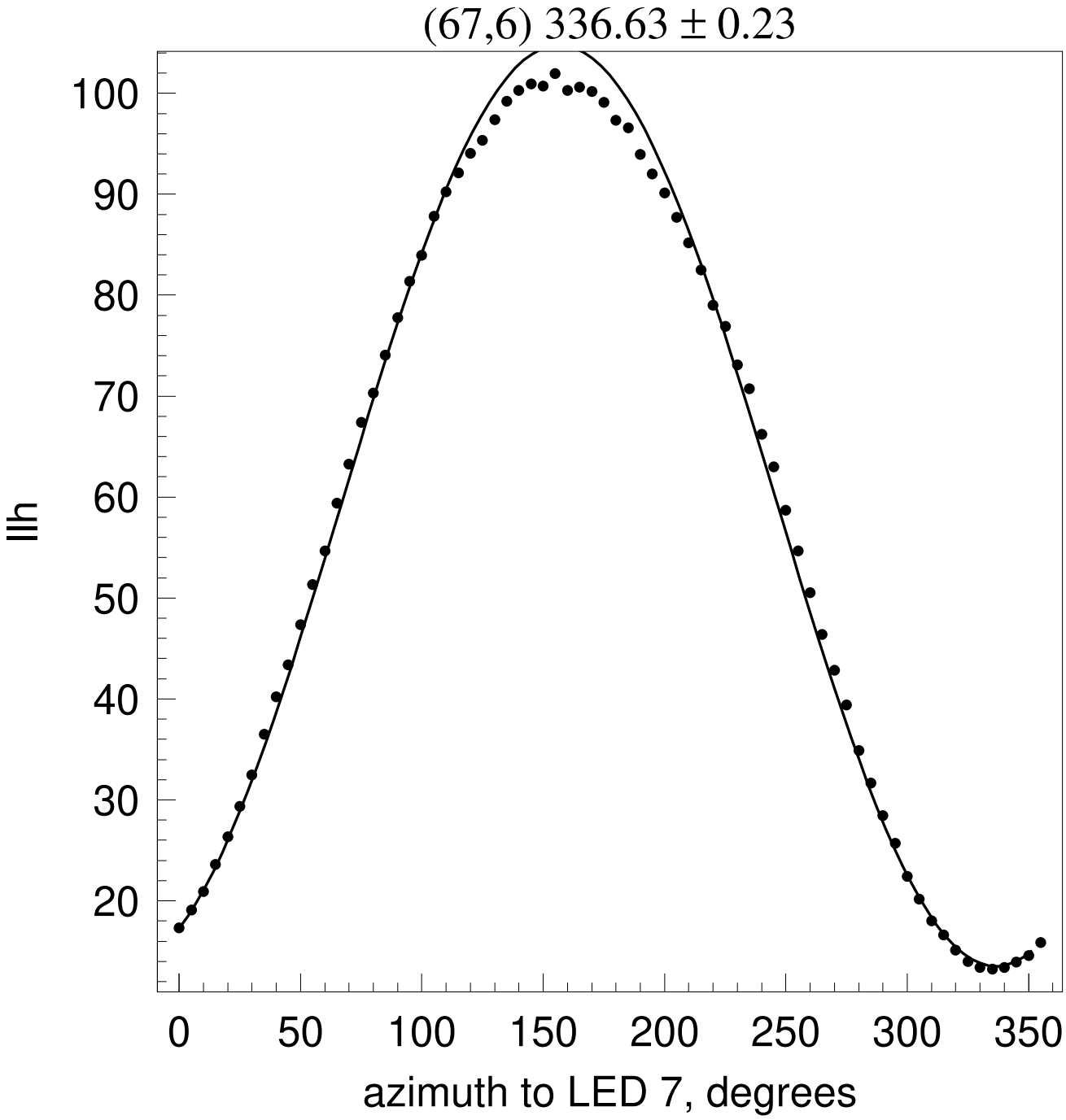

(67,1) 280.34 ± 0.38
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

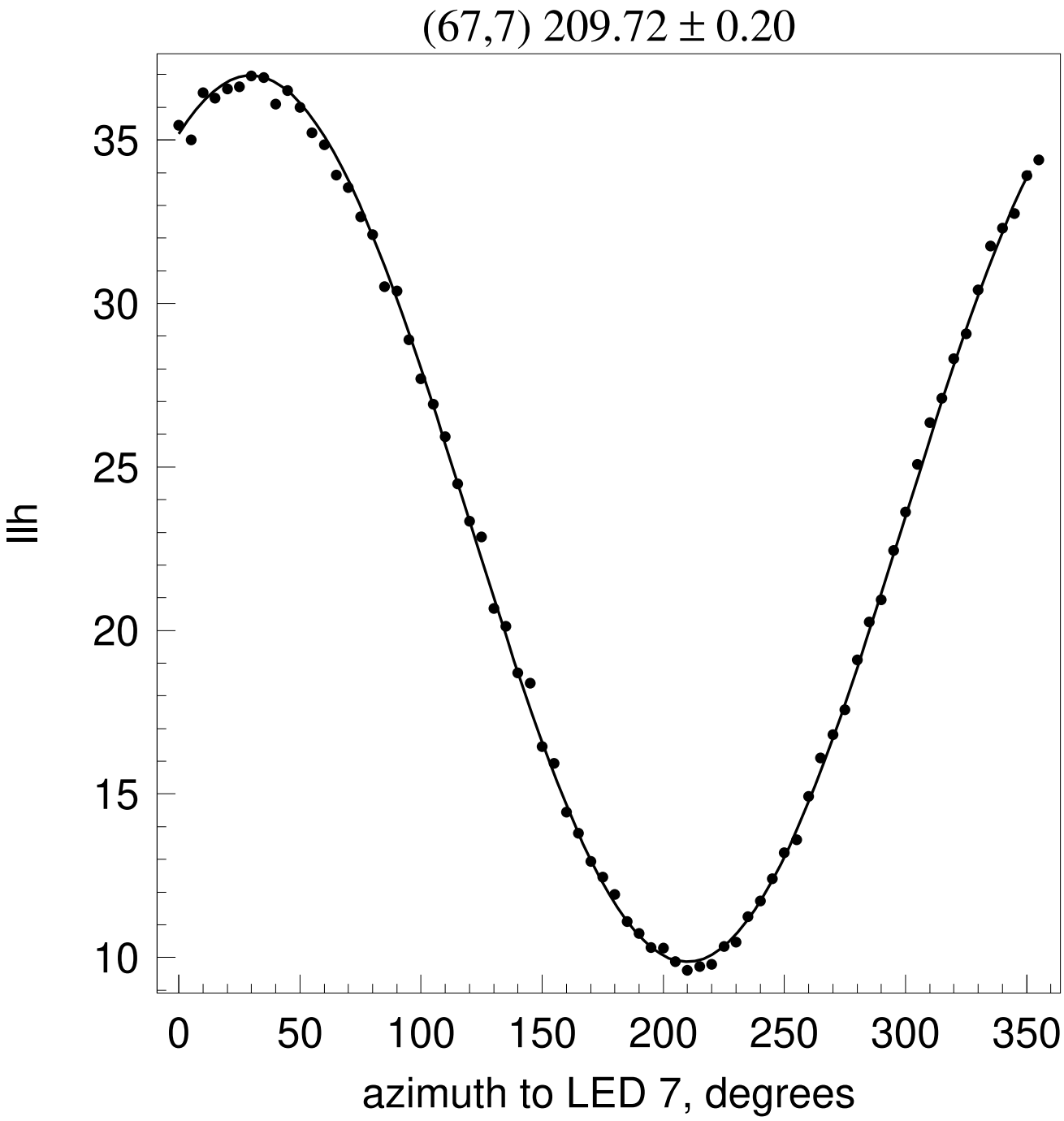

(67,2) 129.79 ± 0.31
30
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

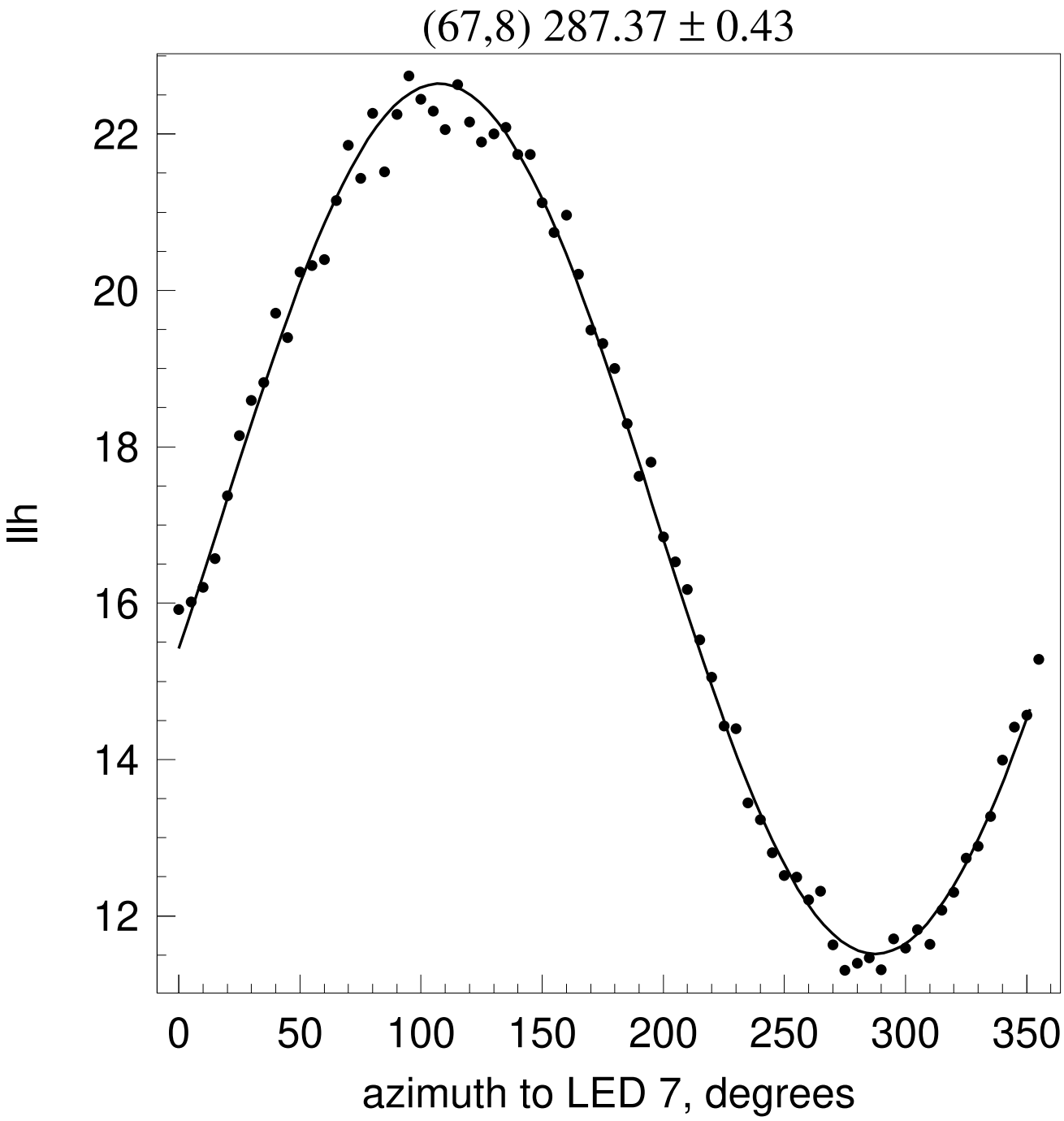

(67,3) 37.59 ± 0.21
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

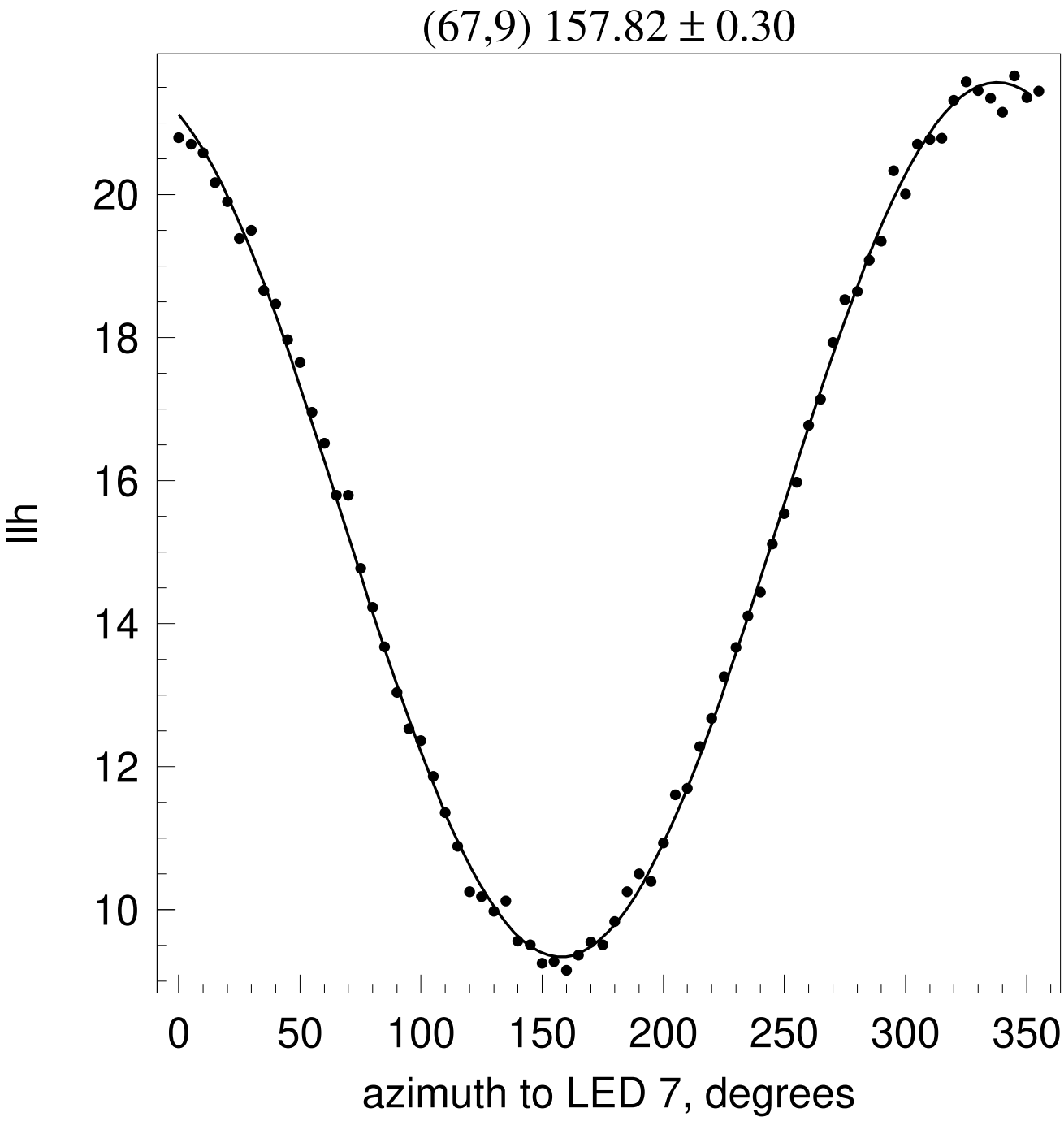

(67,4) 169.66 ± 0.17
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

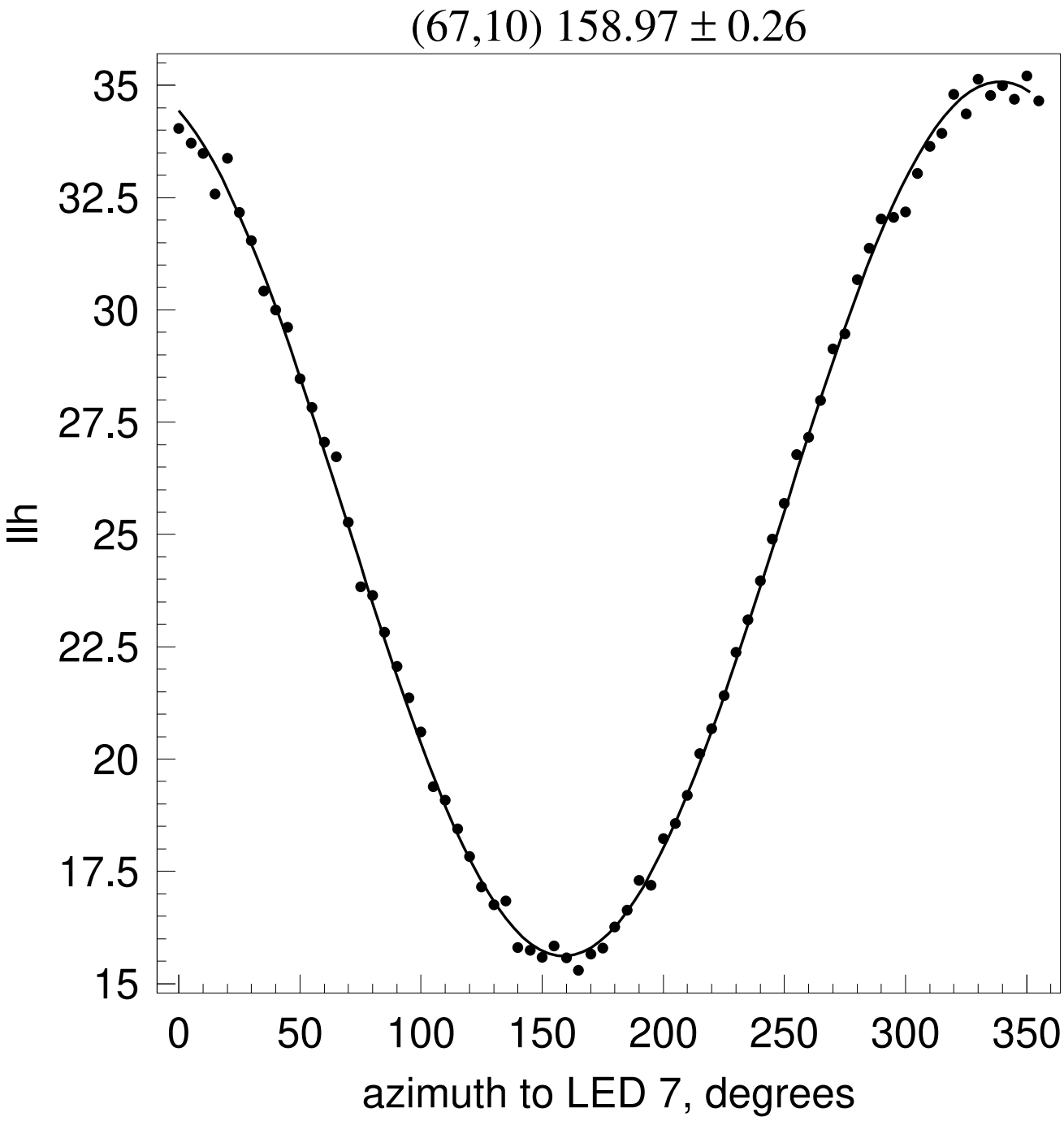

(67,5) 177.78 ± 0.27
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

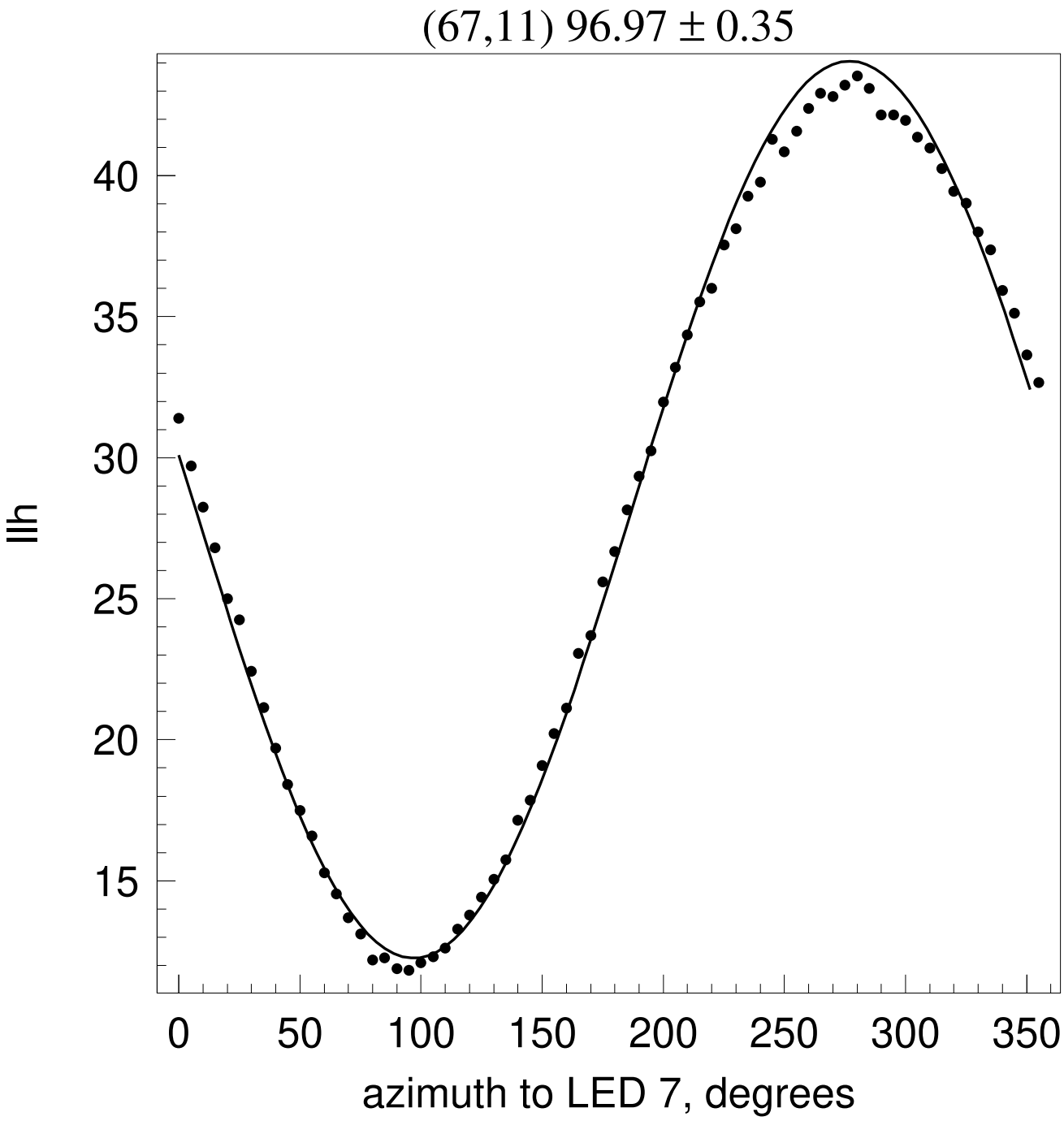

(67,6) 336.63 ± 0.23
100
90
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

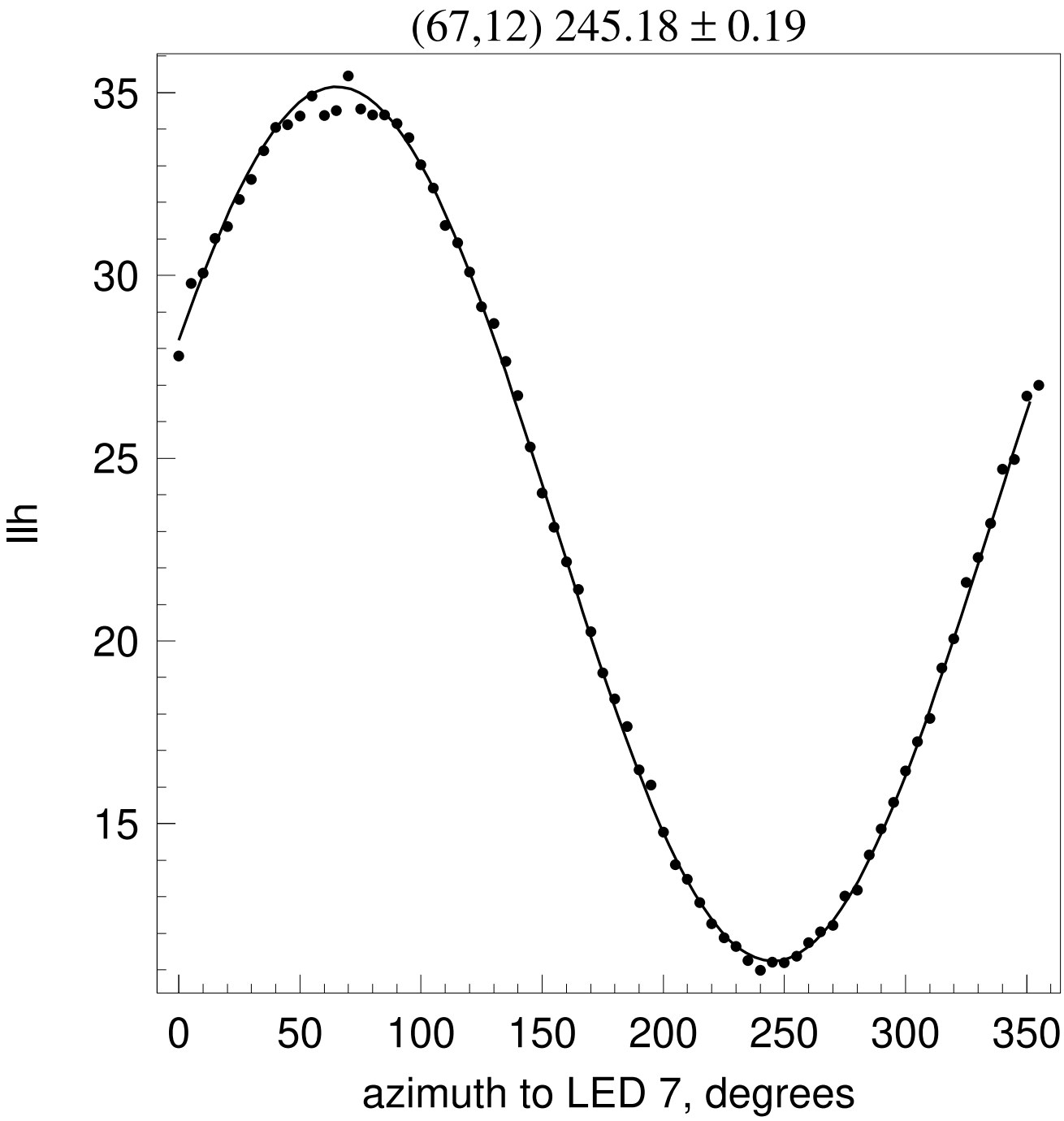

(67,7) 209.72 ± 0.20
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

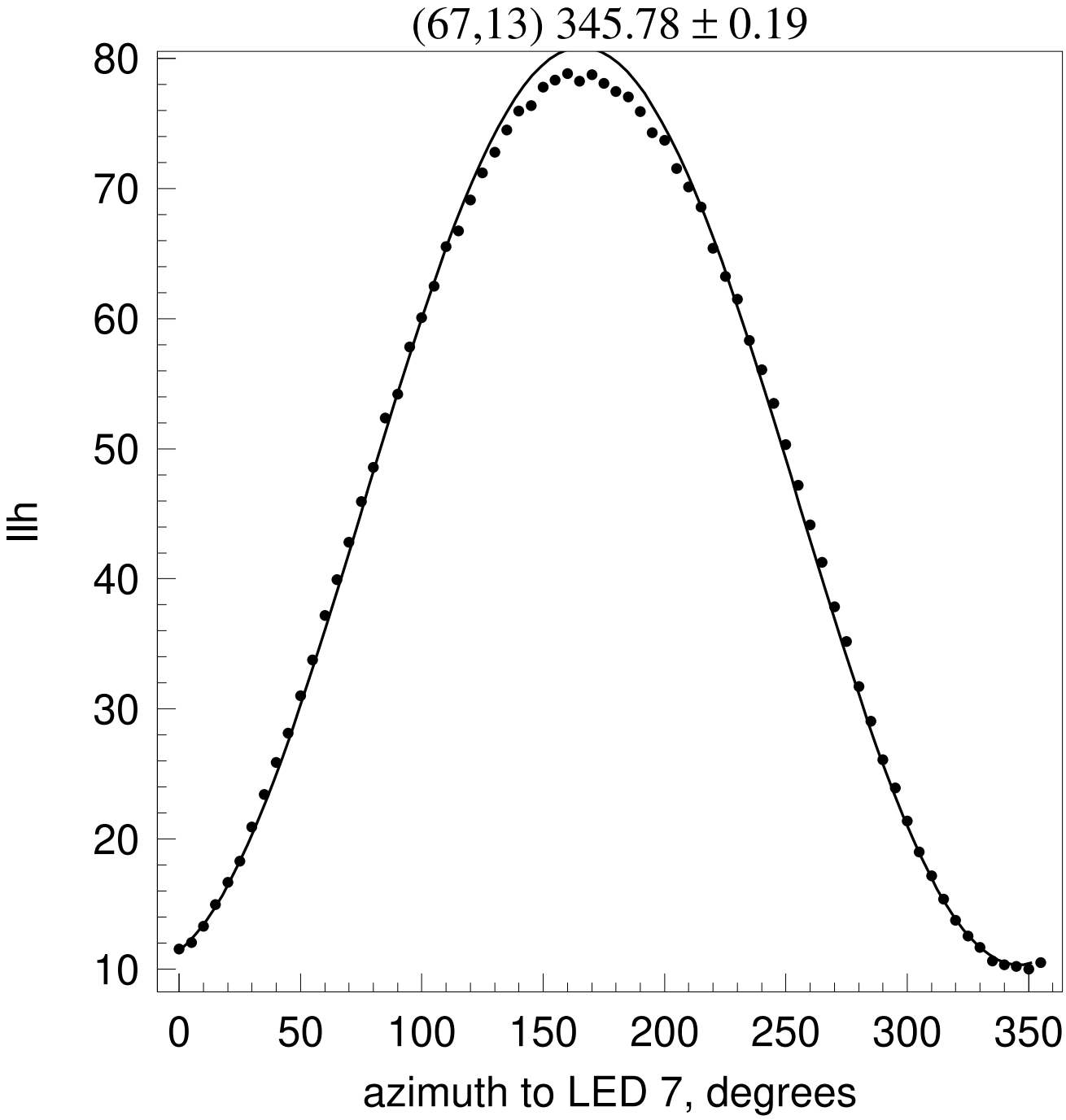

(67,8) 287.37 ± 0.43
22
20
18
16
14
12
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

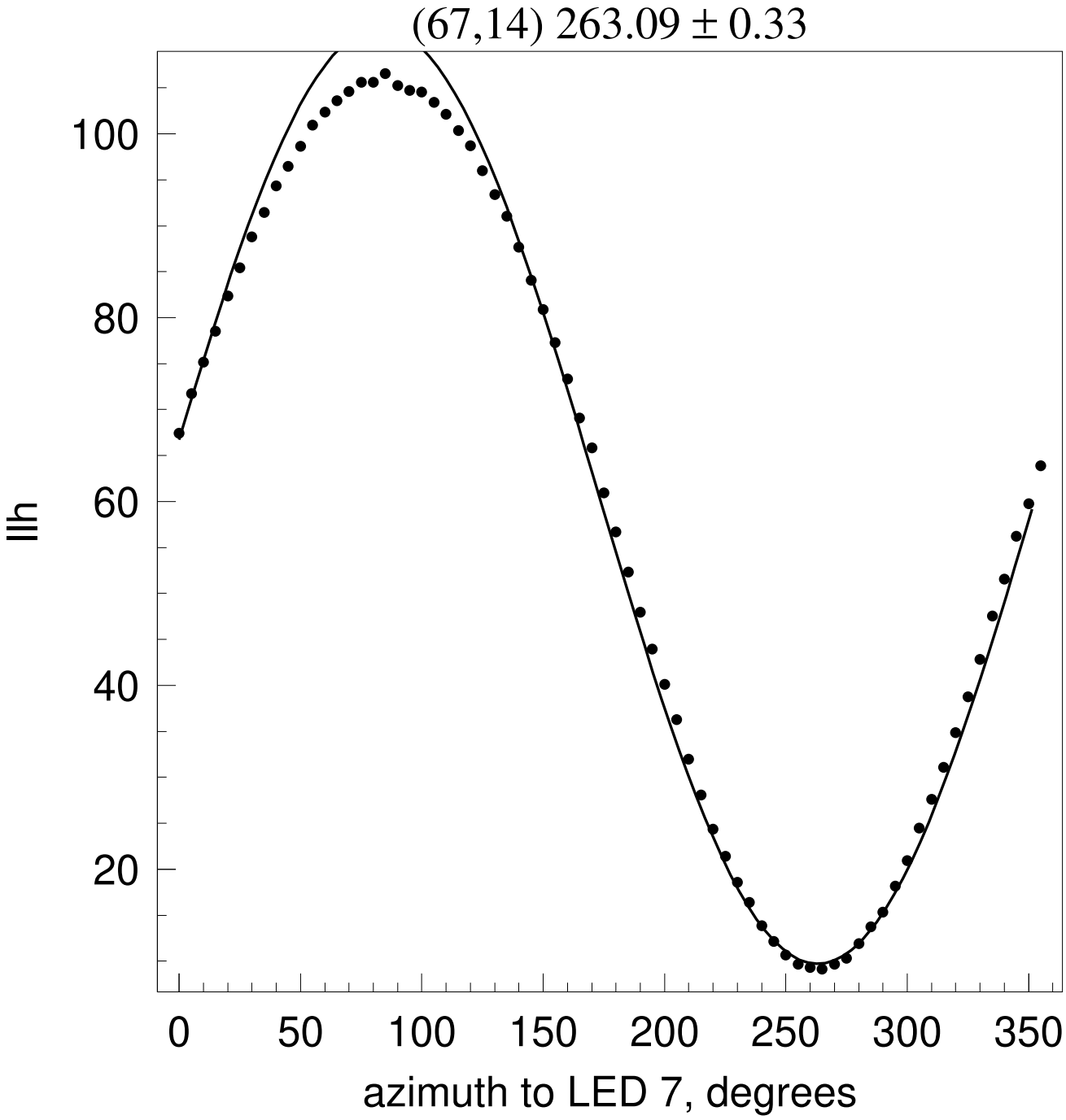

(67,9) 157.82 ± 0.30
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

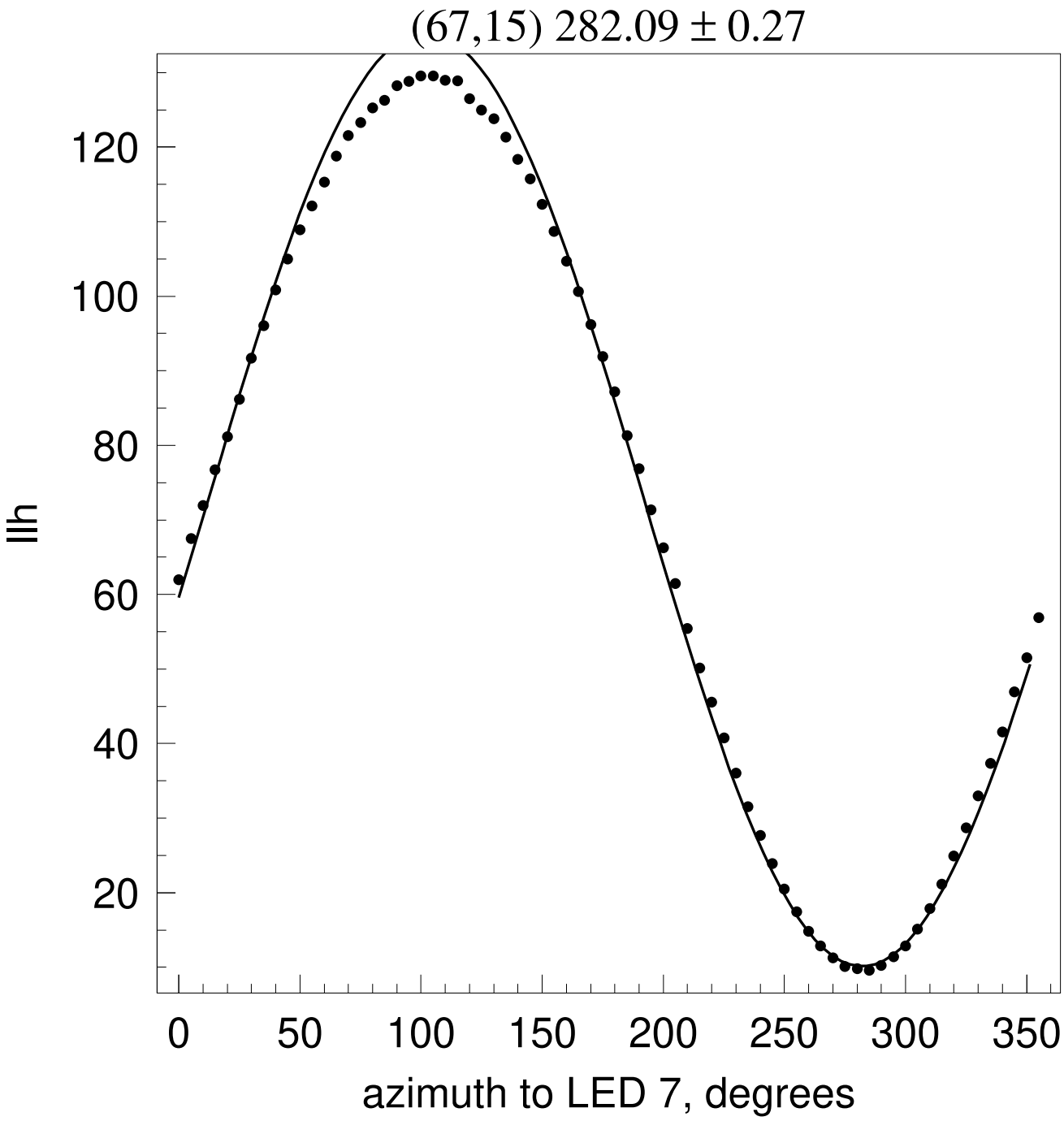

(67,10) 158.97 ± 0.26
35
32.5
30
27.5
25
22.5
20
17.5
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

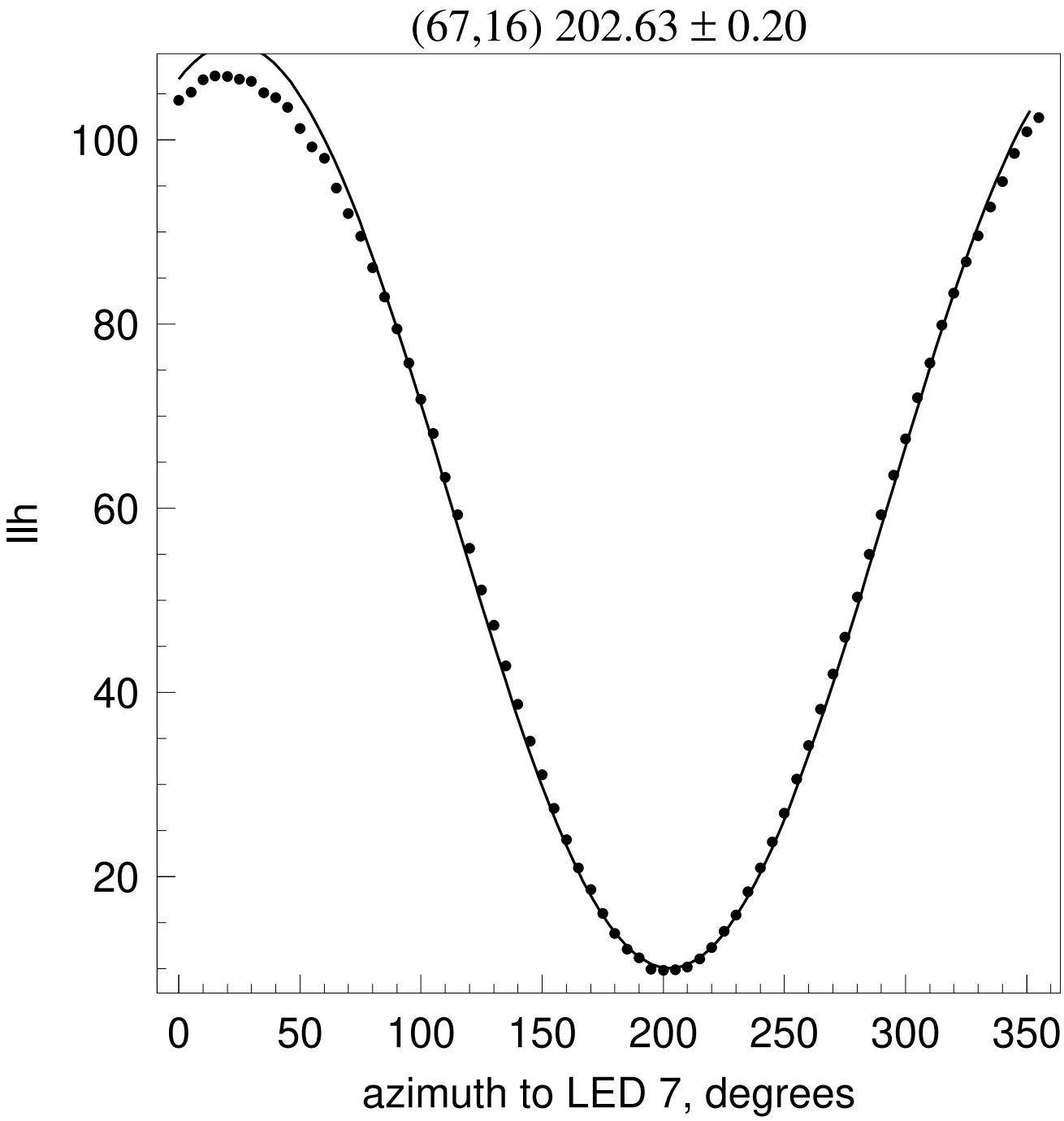

(67,11) 96.97 ± 0.35
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

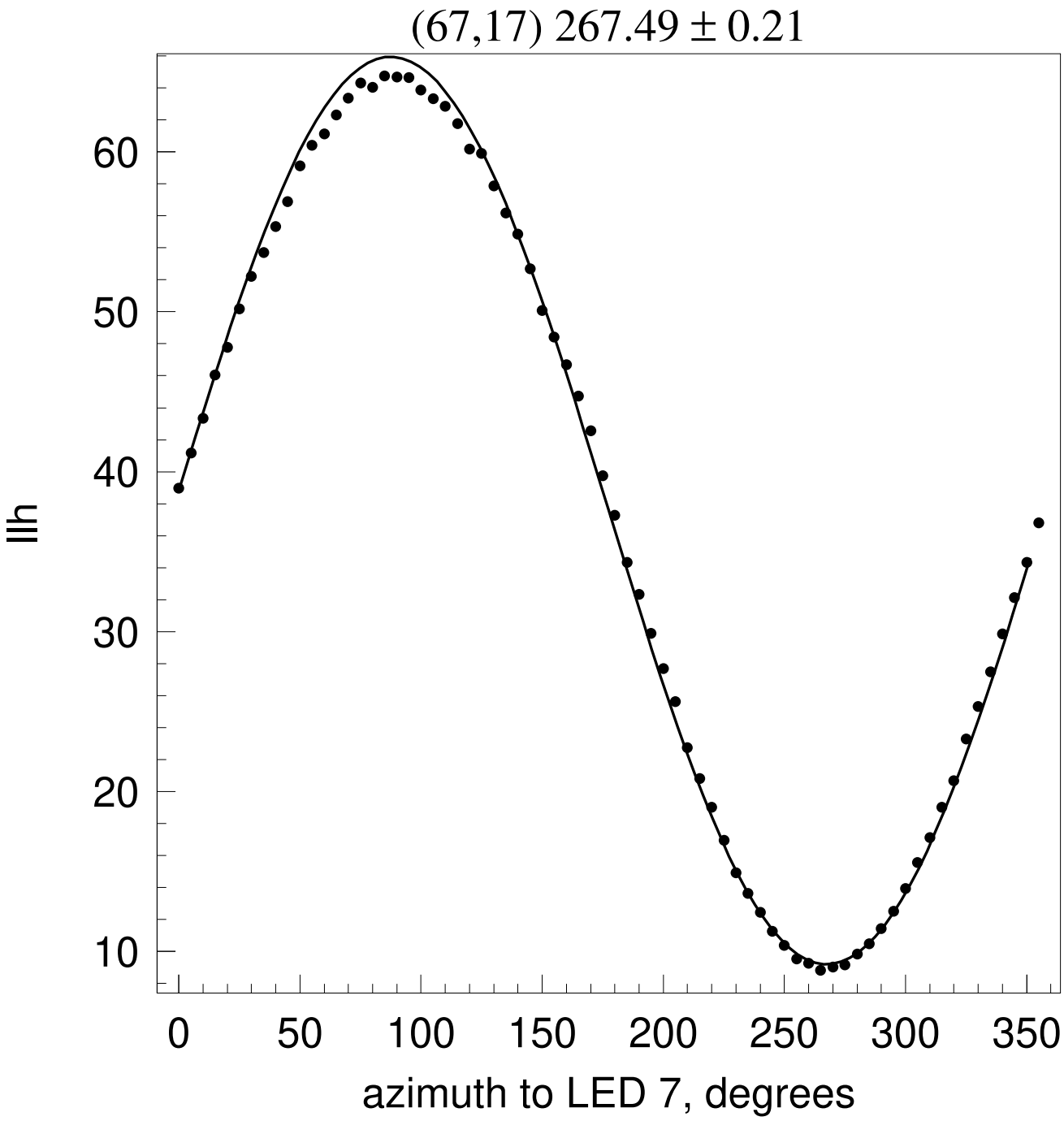

(67,12) 245.18 ± 0.19
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

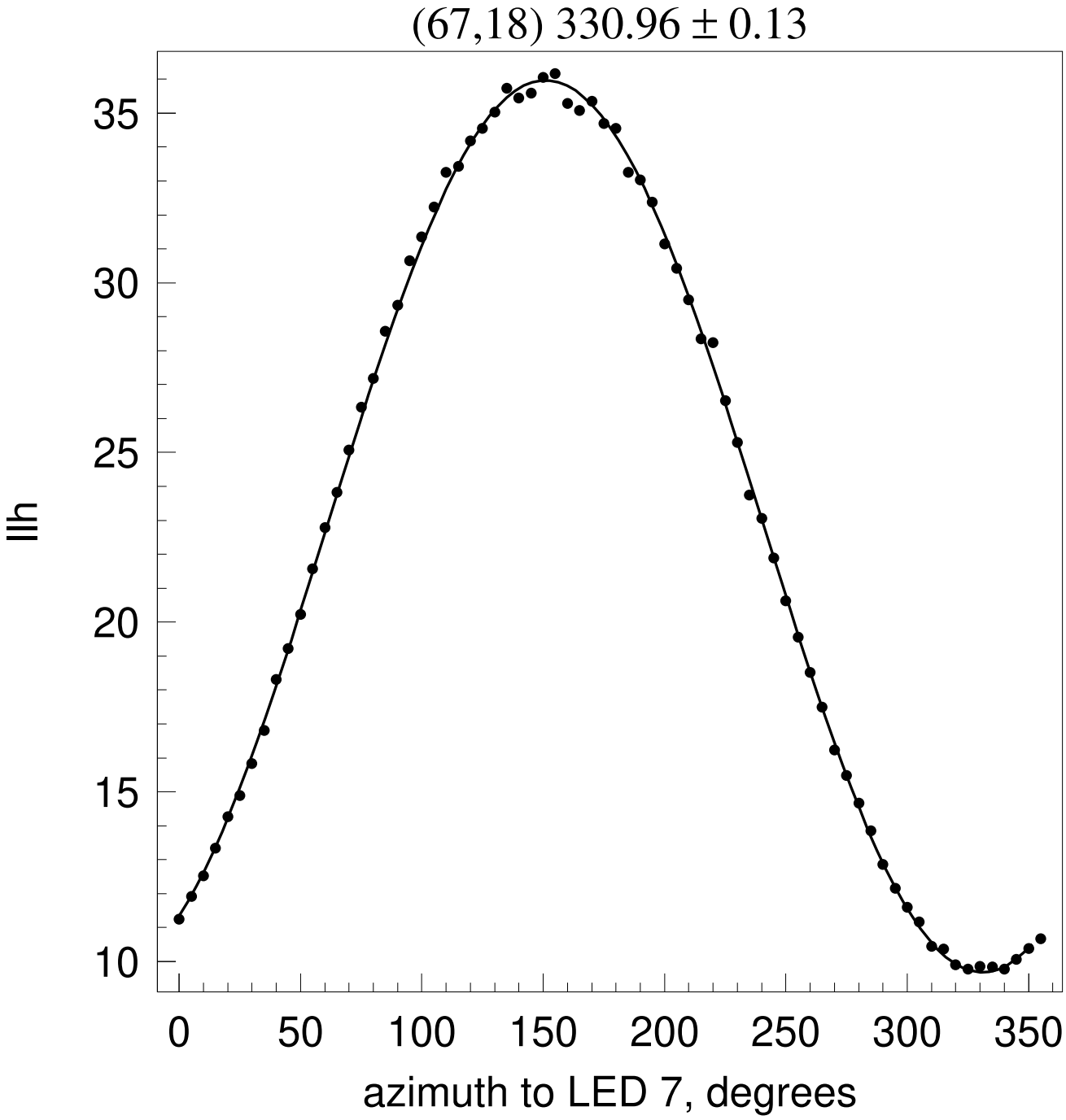

(67,13) 345.78 ± 0.19
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

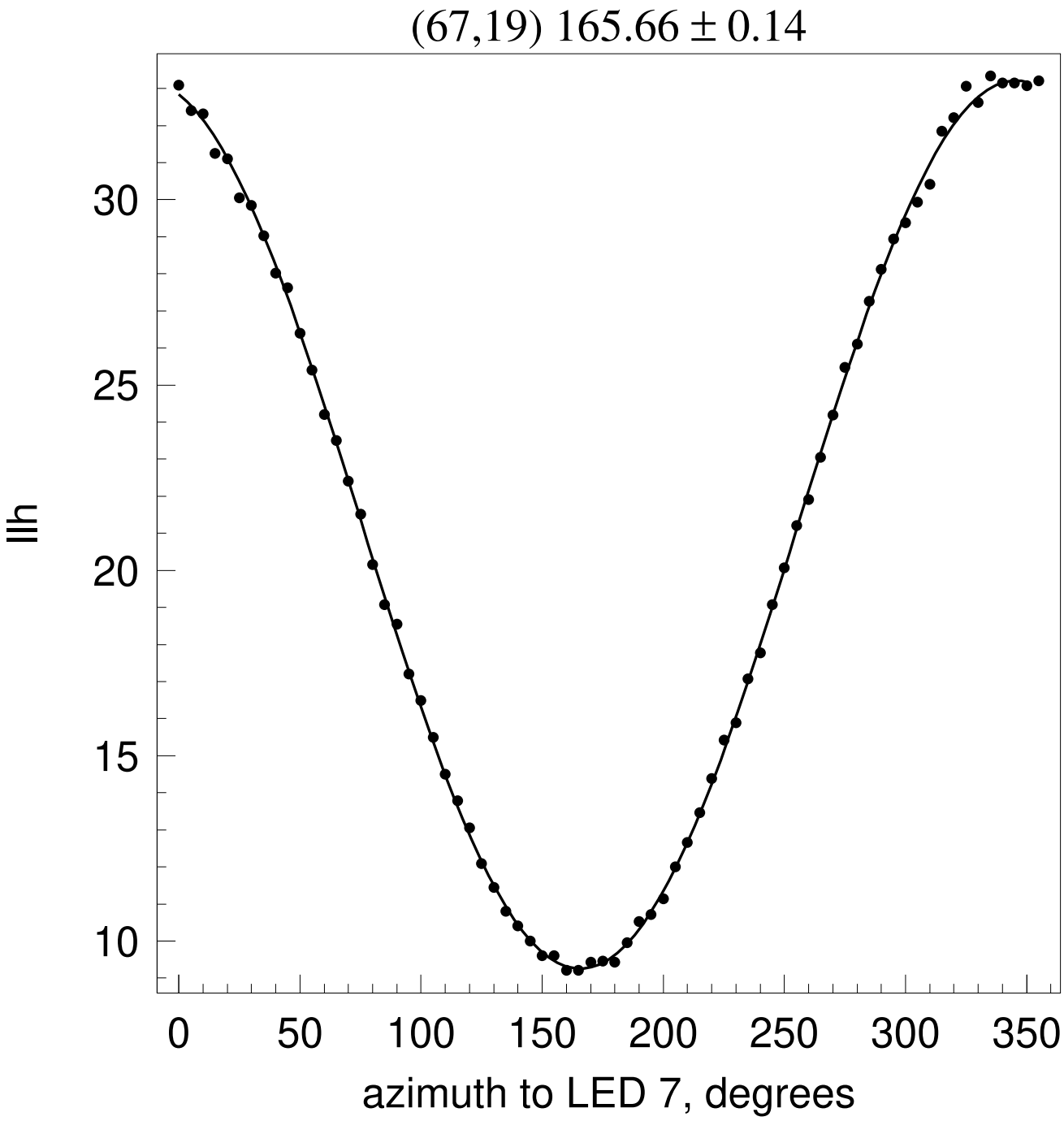

(67,14) 263.09 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

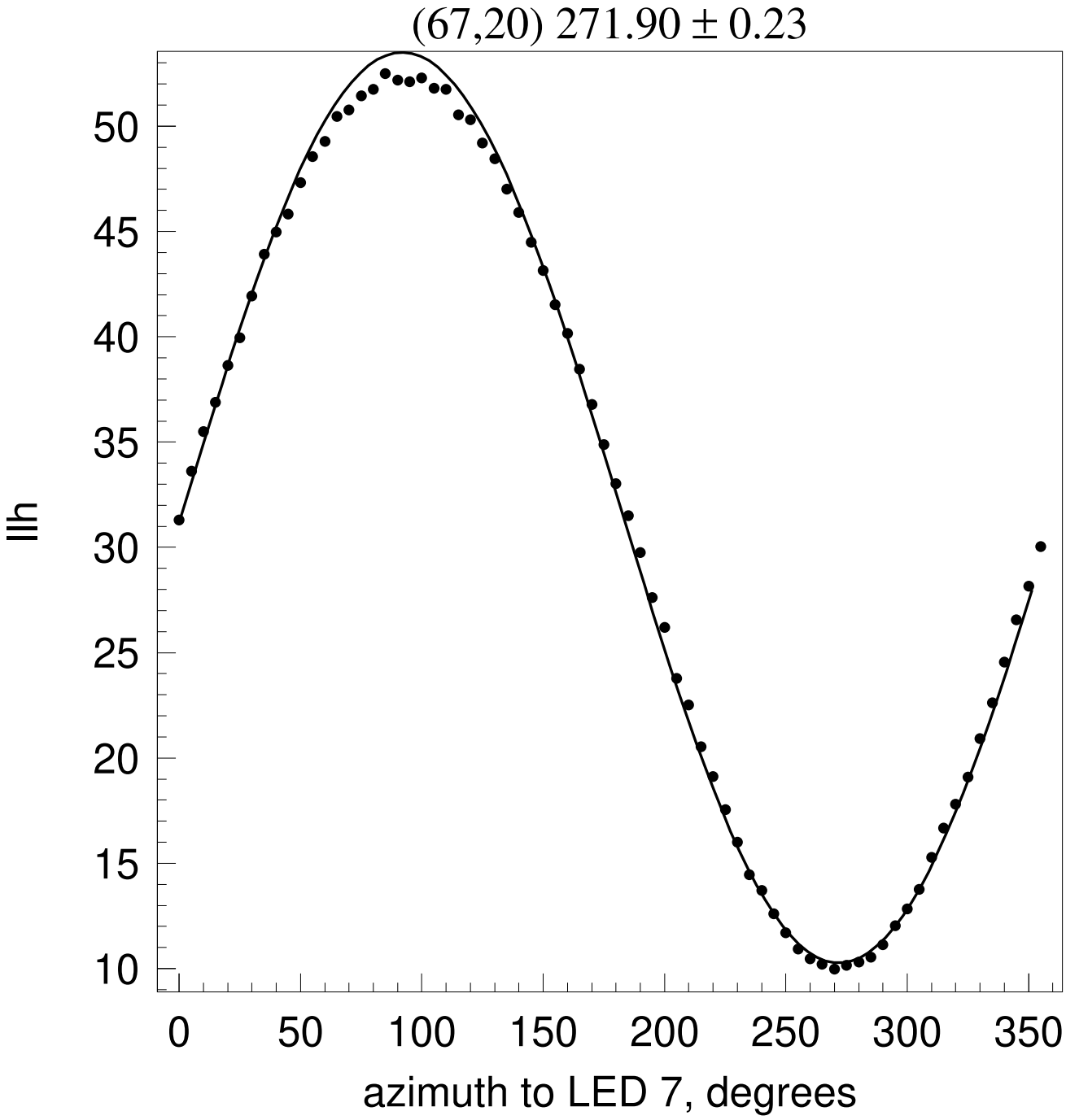

(67,15) 282.09 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

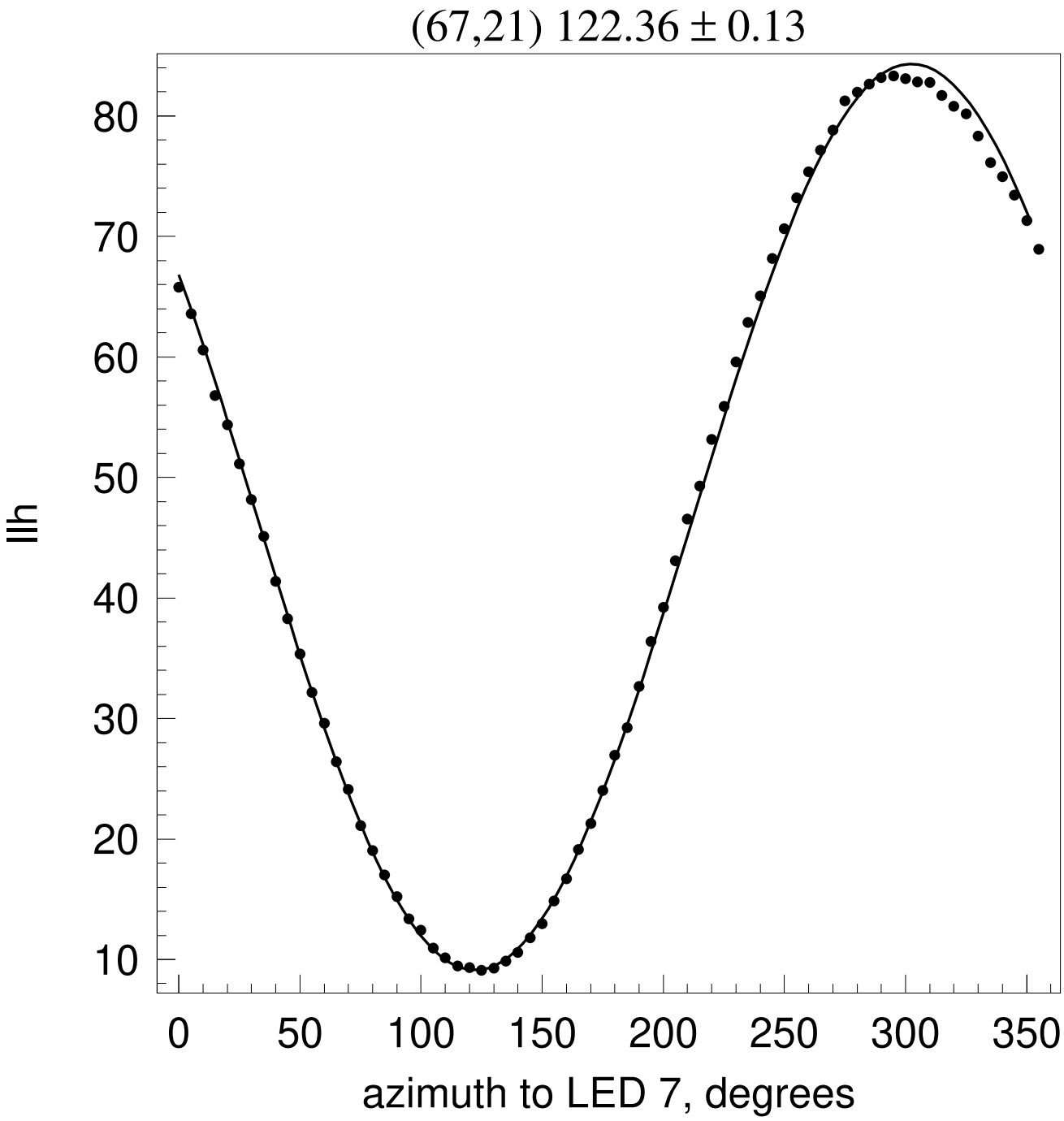

(67,16) 202.63 ± 0.20
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

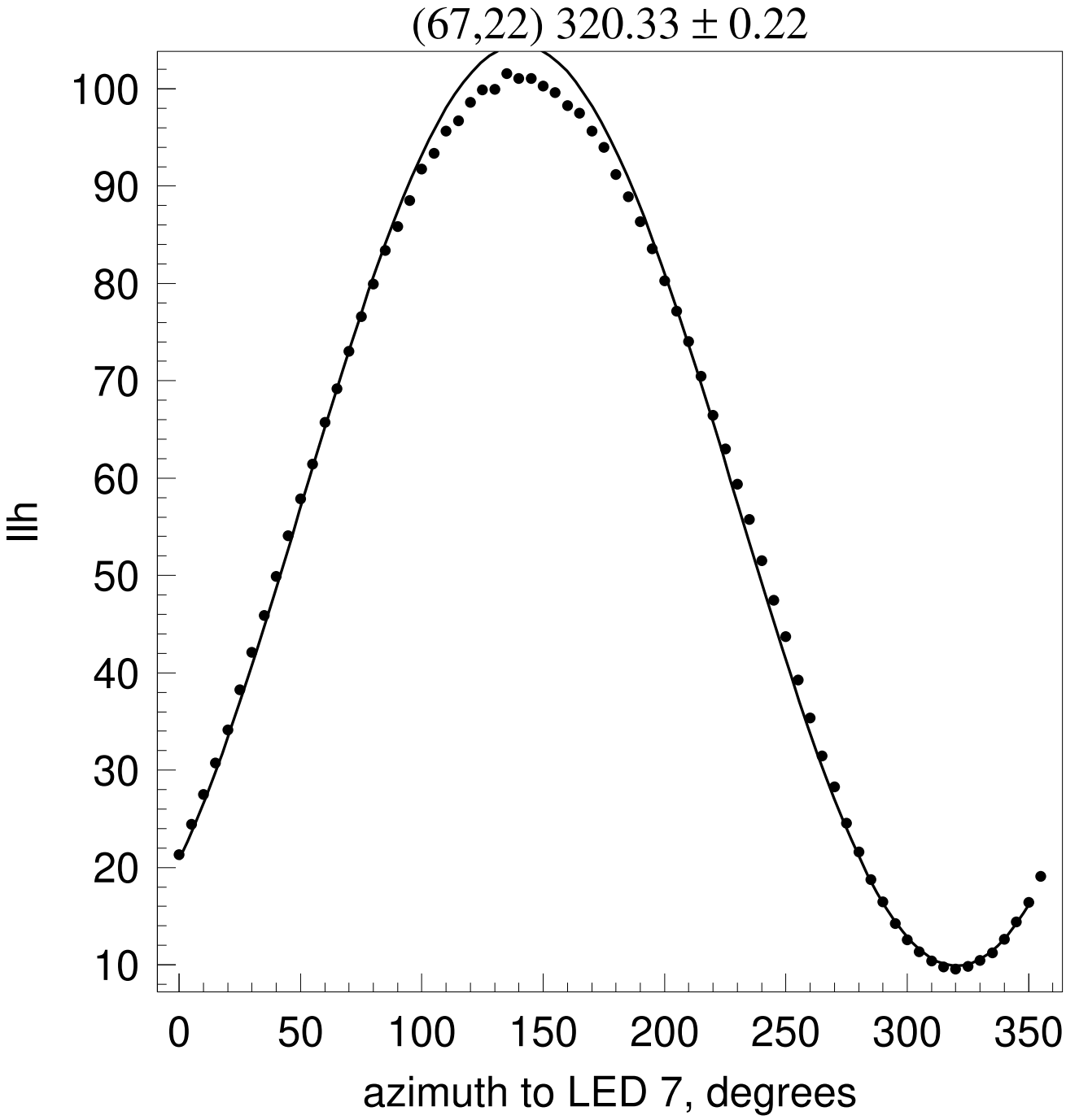

(67,17) 267.49 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

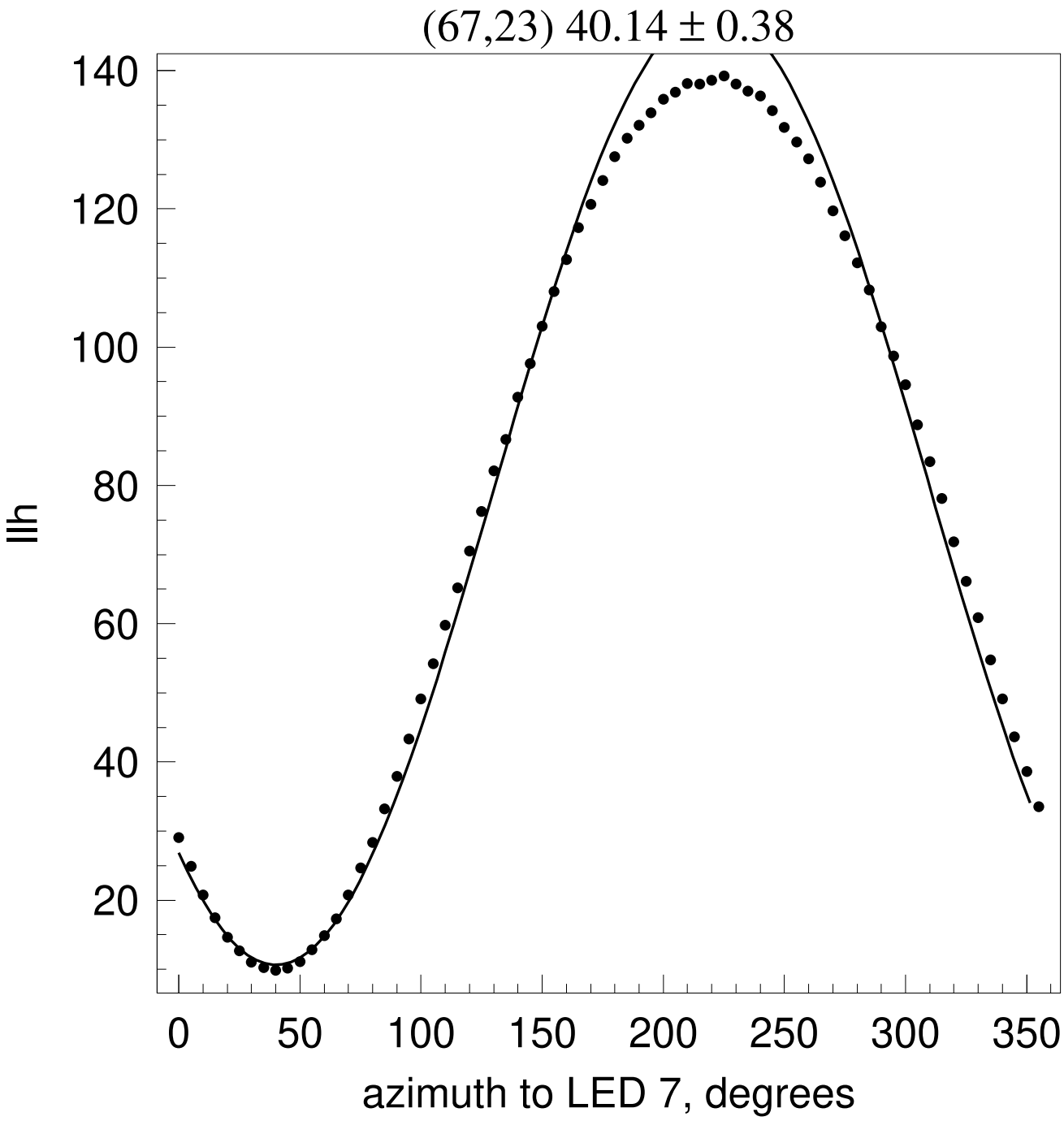

(67,18) 330.96 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

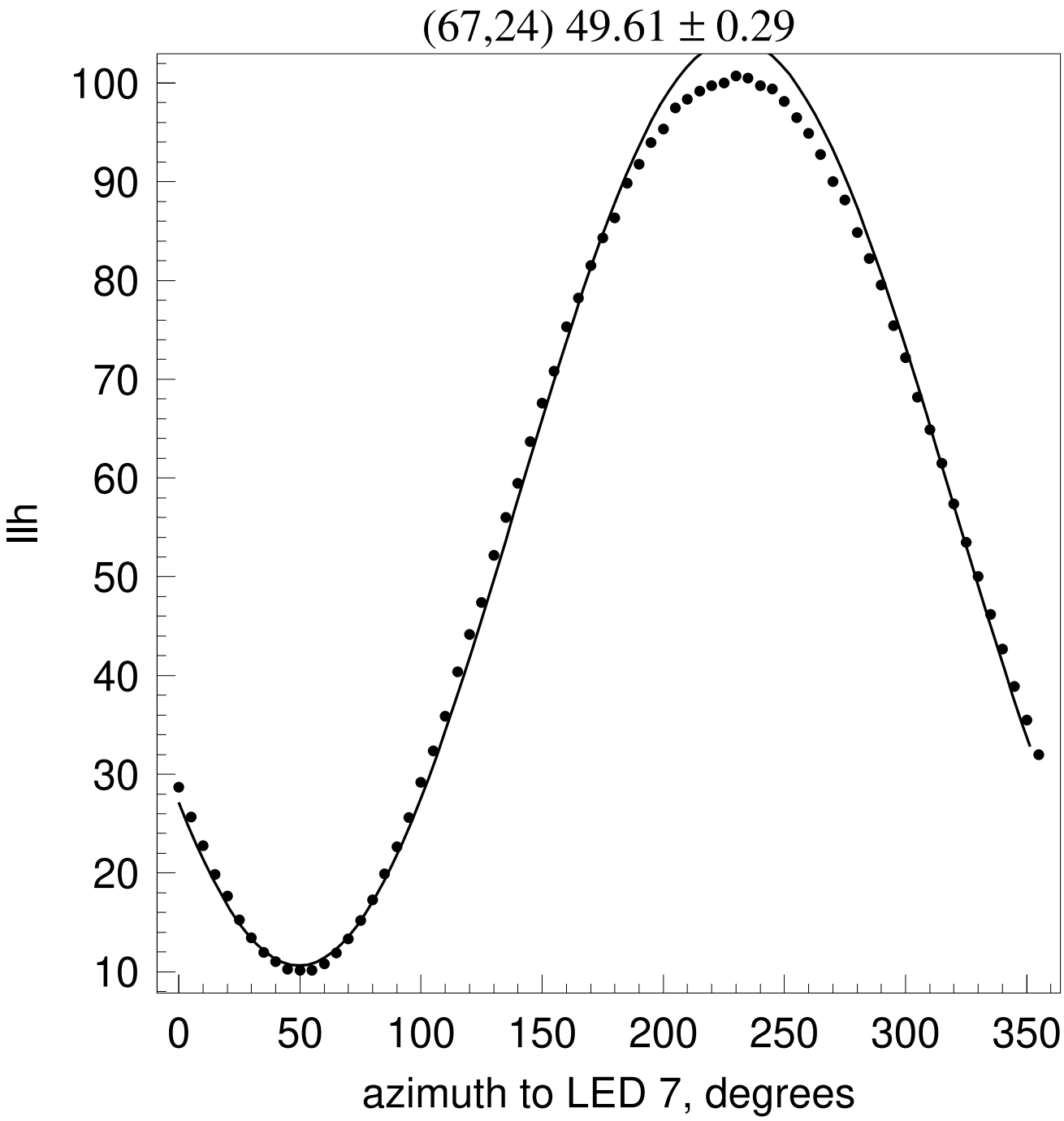

(67,19) 165.66 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

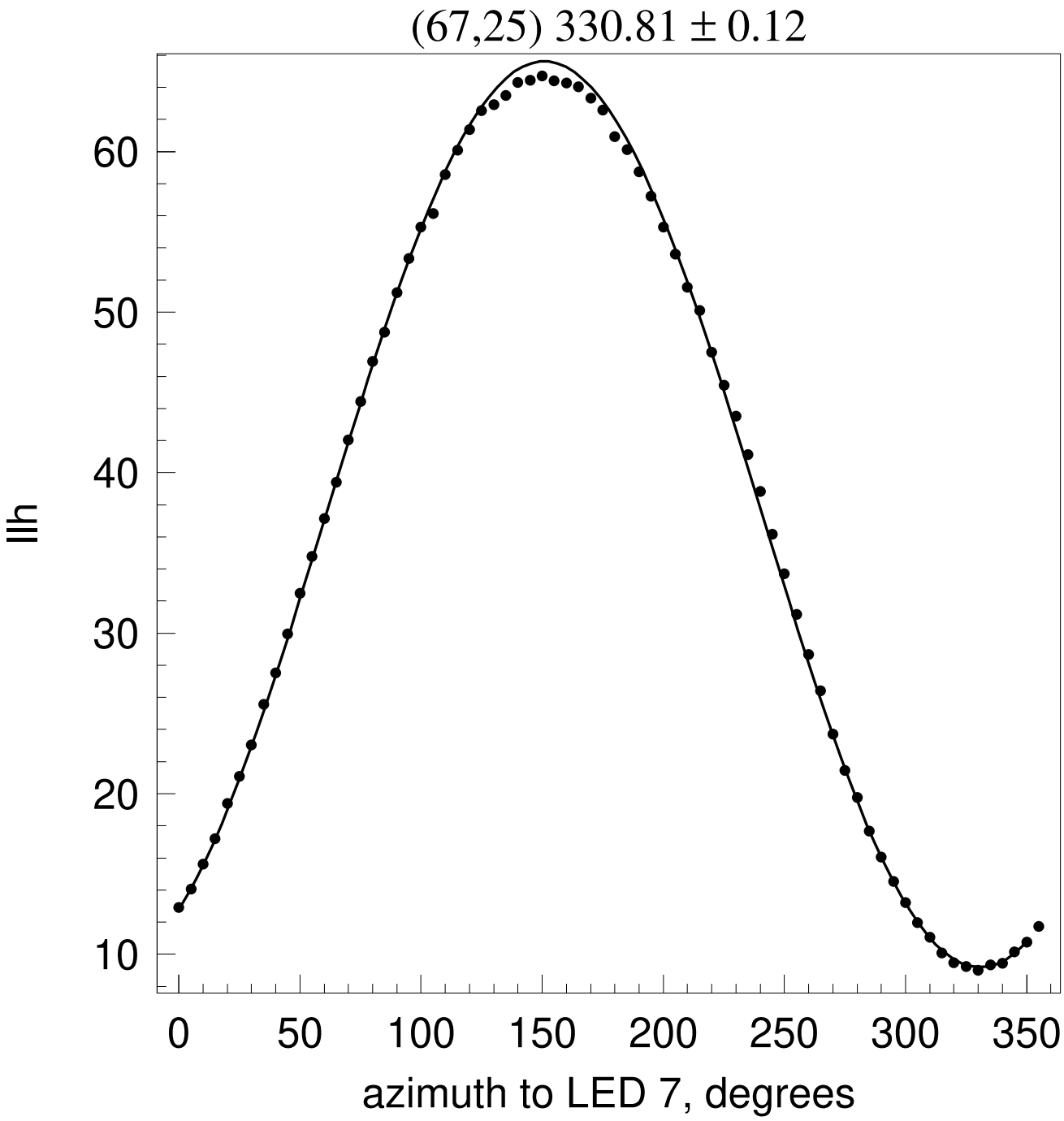

(67,20) 271.90 ± 0.23
llh
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

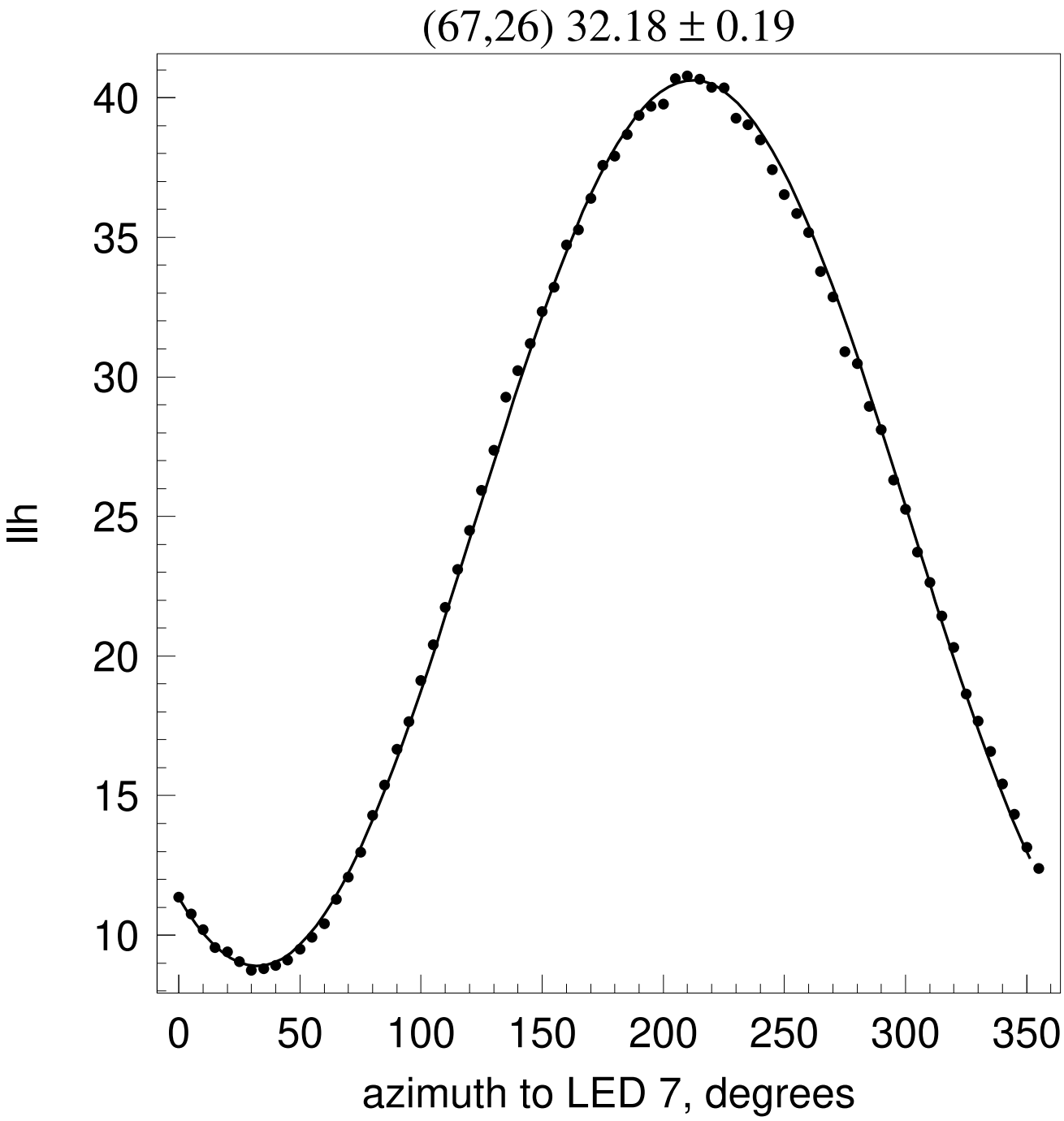

(67,21) 122.36 ± 0.13
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

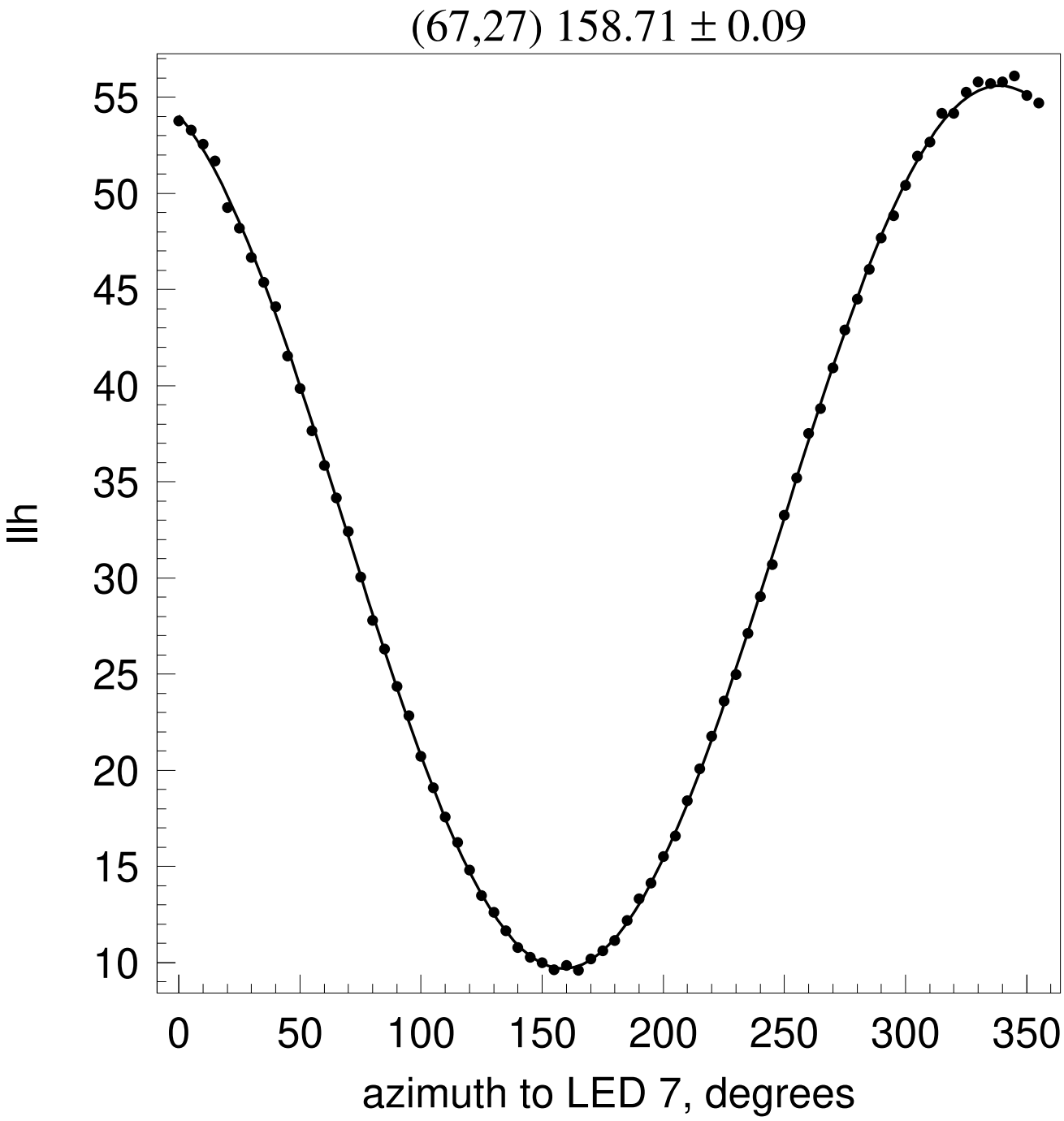

(67,22) 320.33 ± 0.22
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

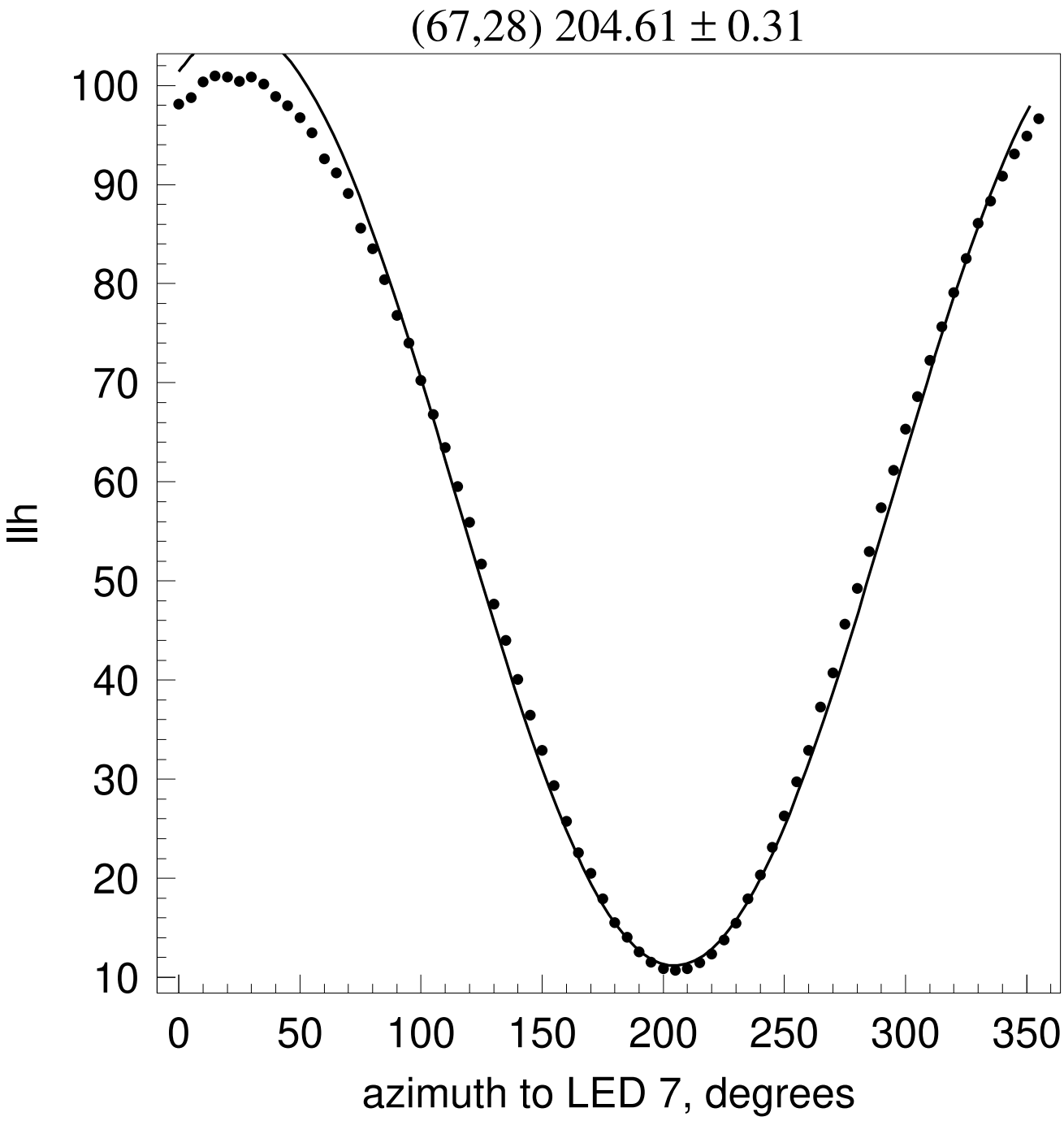

(67,23) 40.14 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

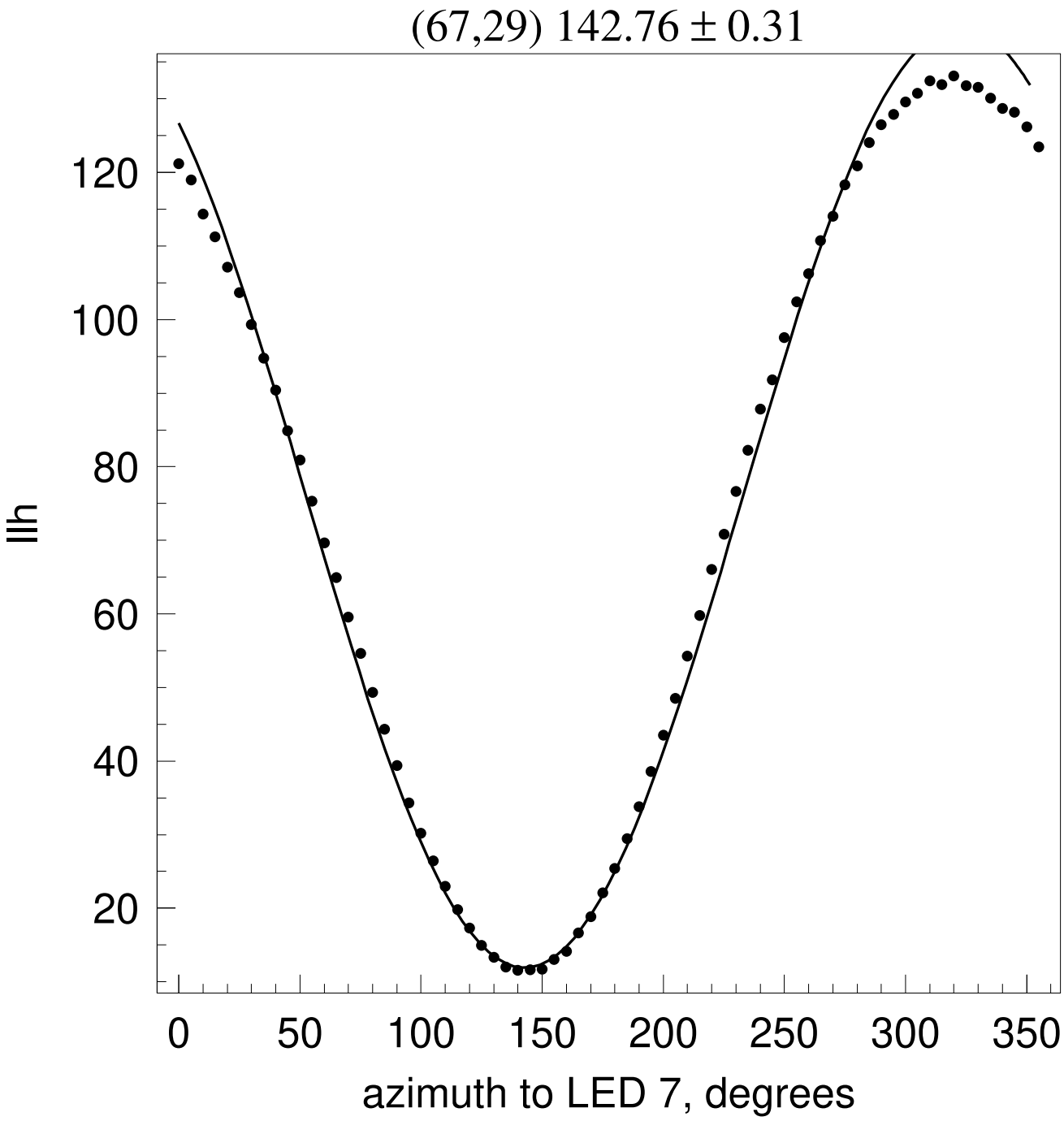

(67,24) 49.61 ± 0.29
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

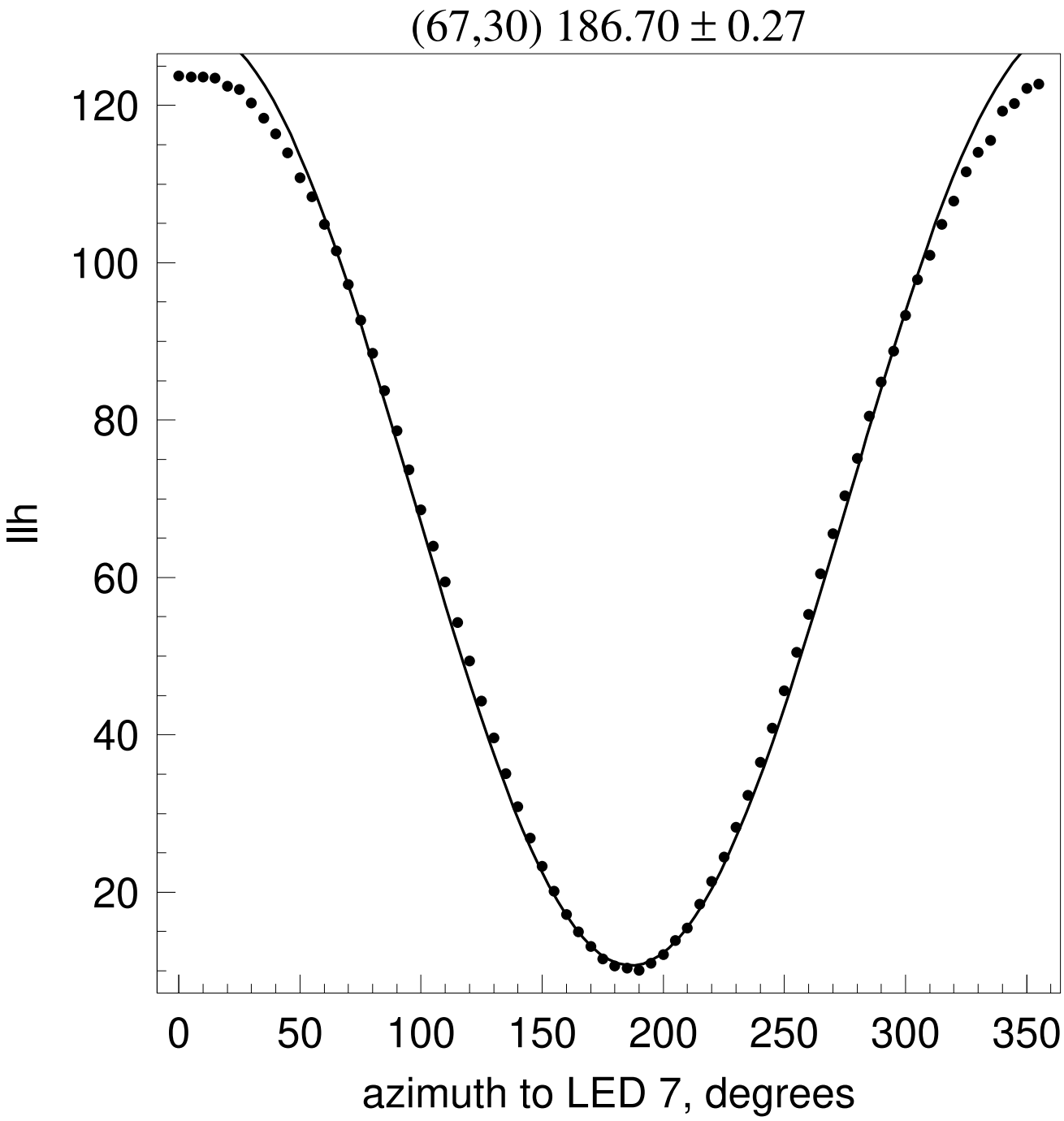

(67,25) 330.81 ± 0.12
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

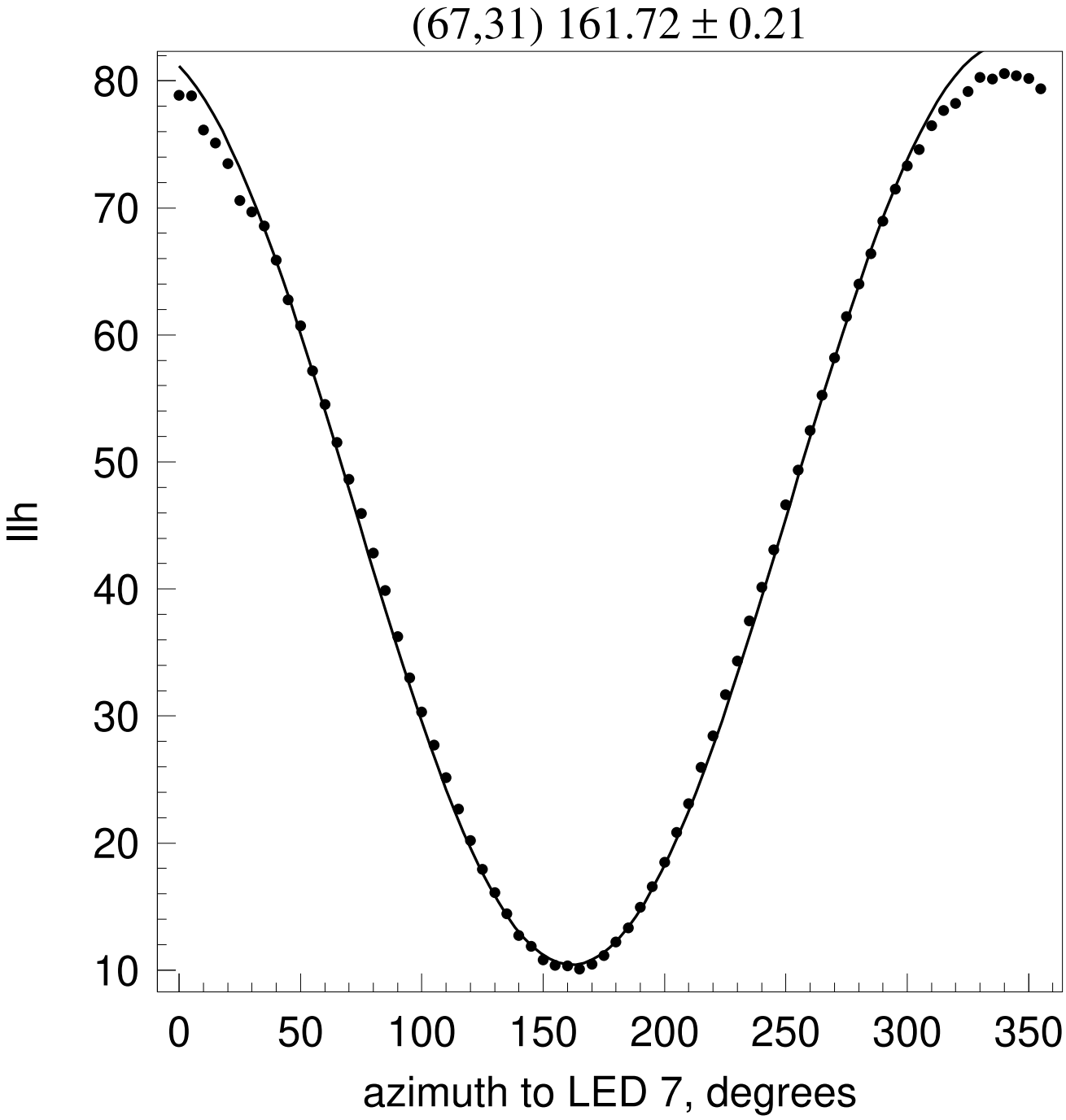

(67,26) 32.18 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

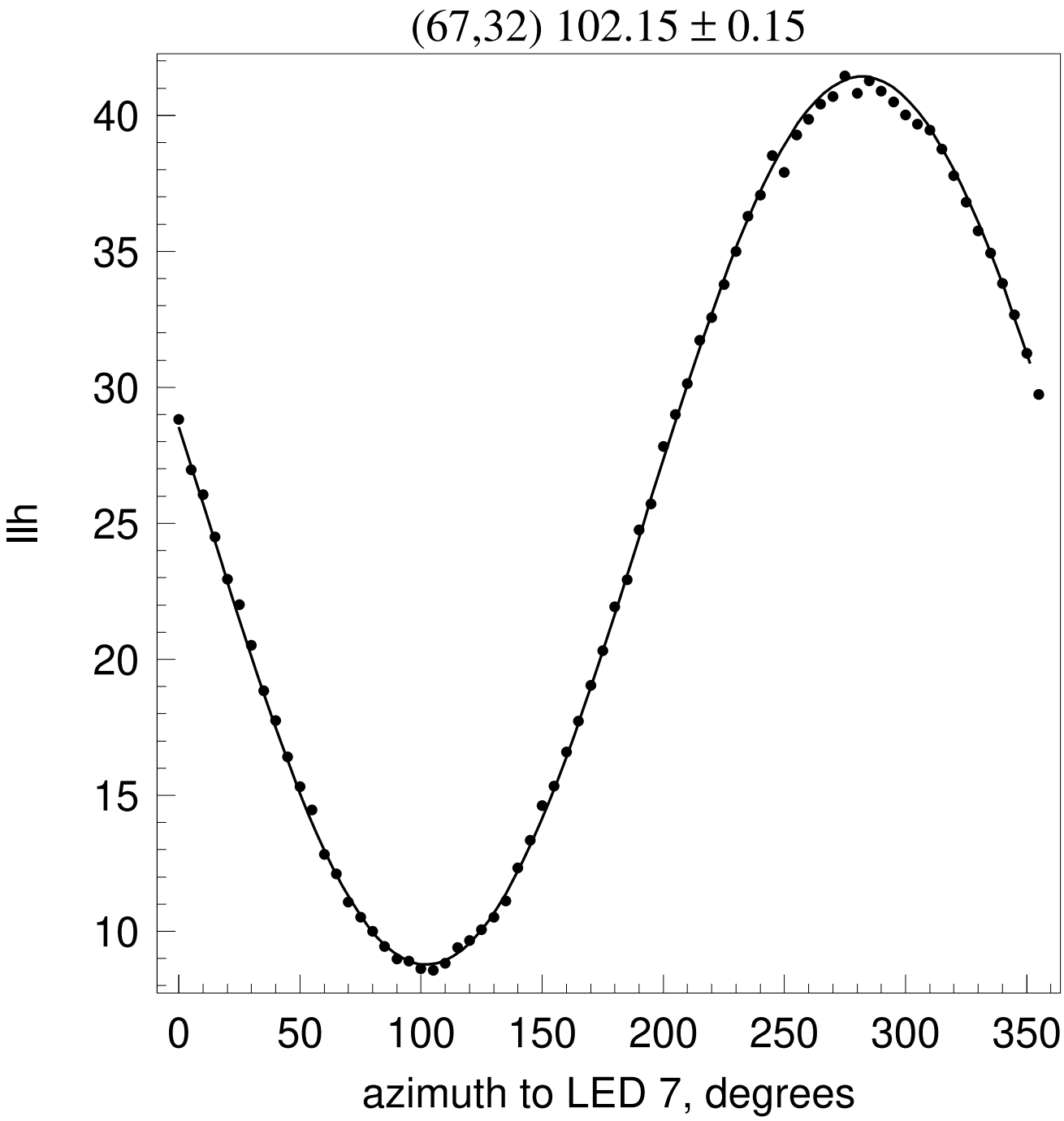

(67,27) 158.71 ± 0.09
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

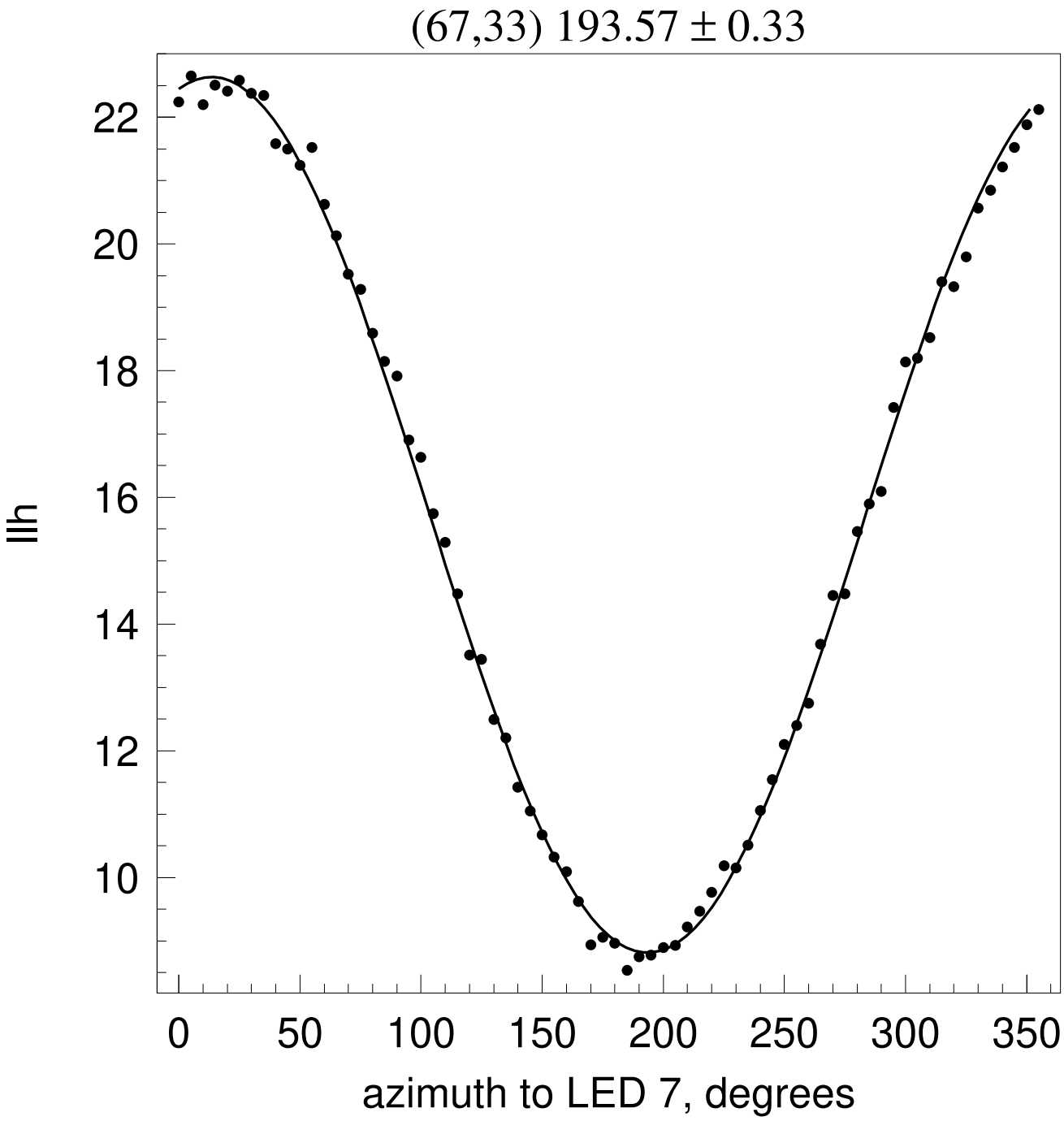

(67,28) 204.61 ± 0.31
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

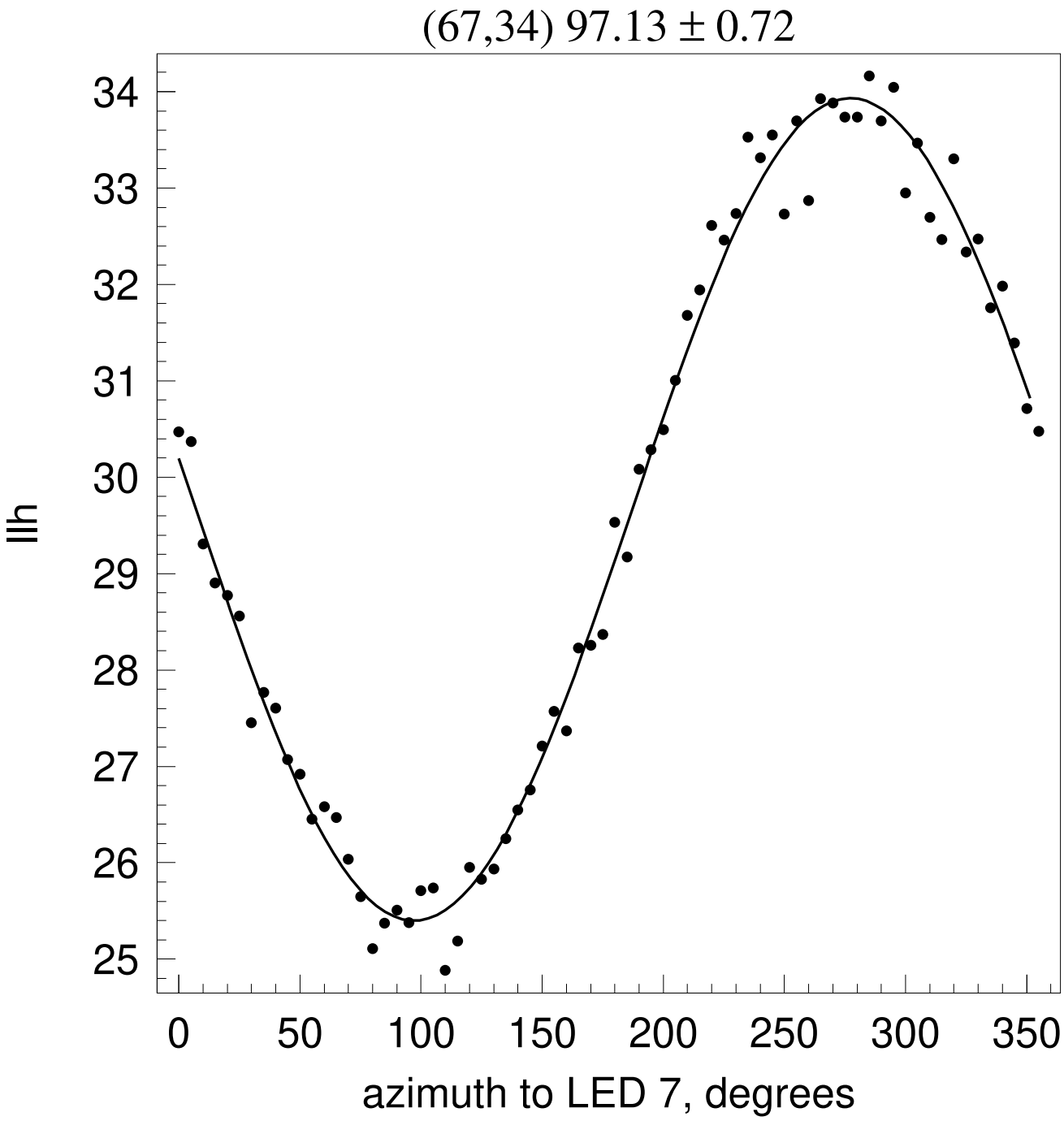

(67,29) 142.76 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

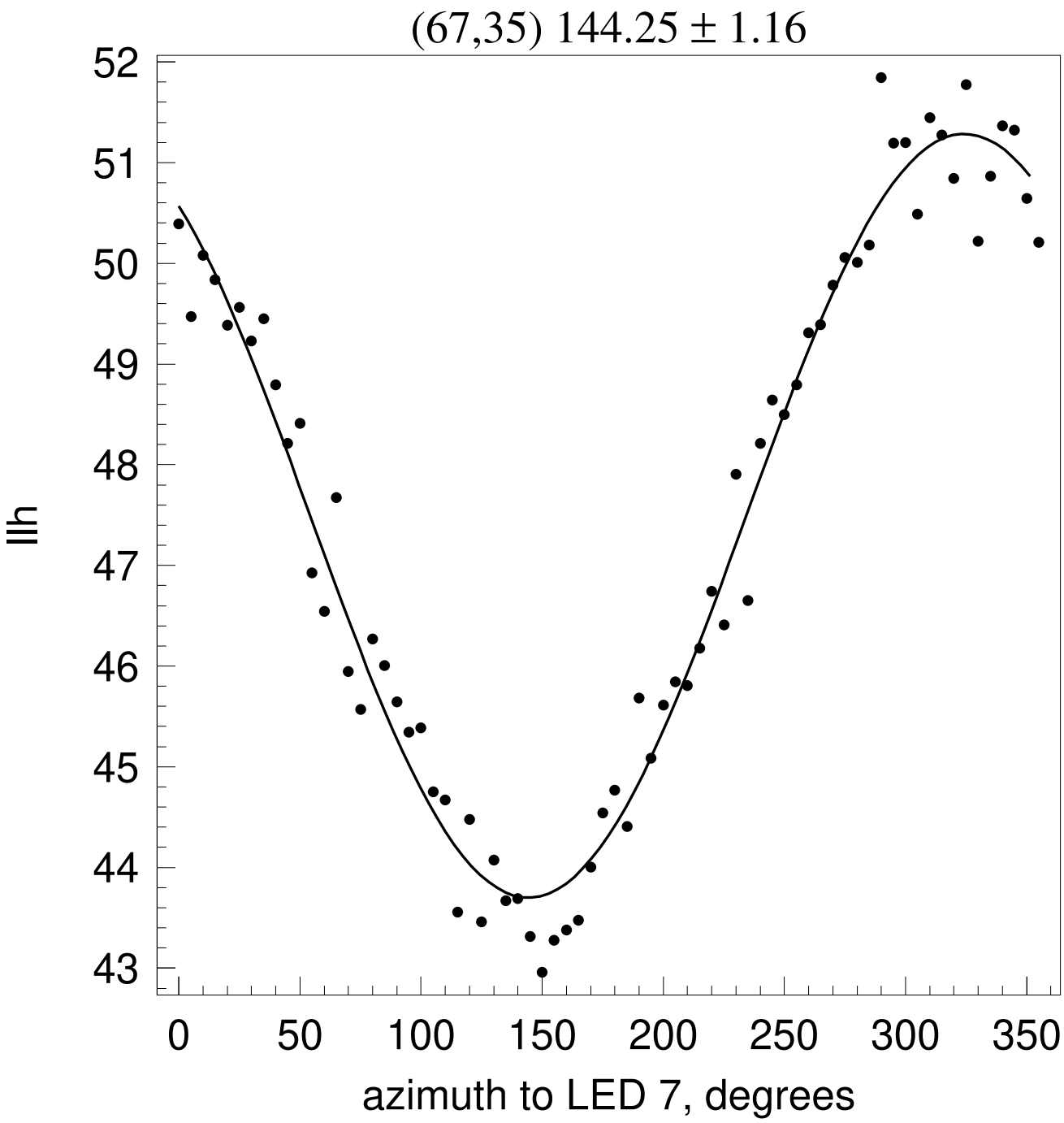

(67,30) 186.70 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

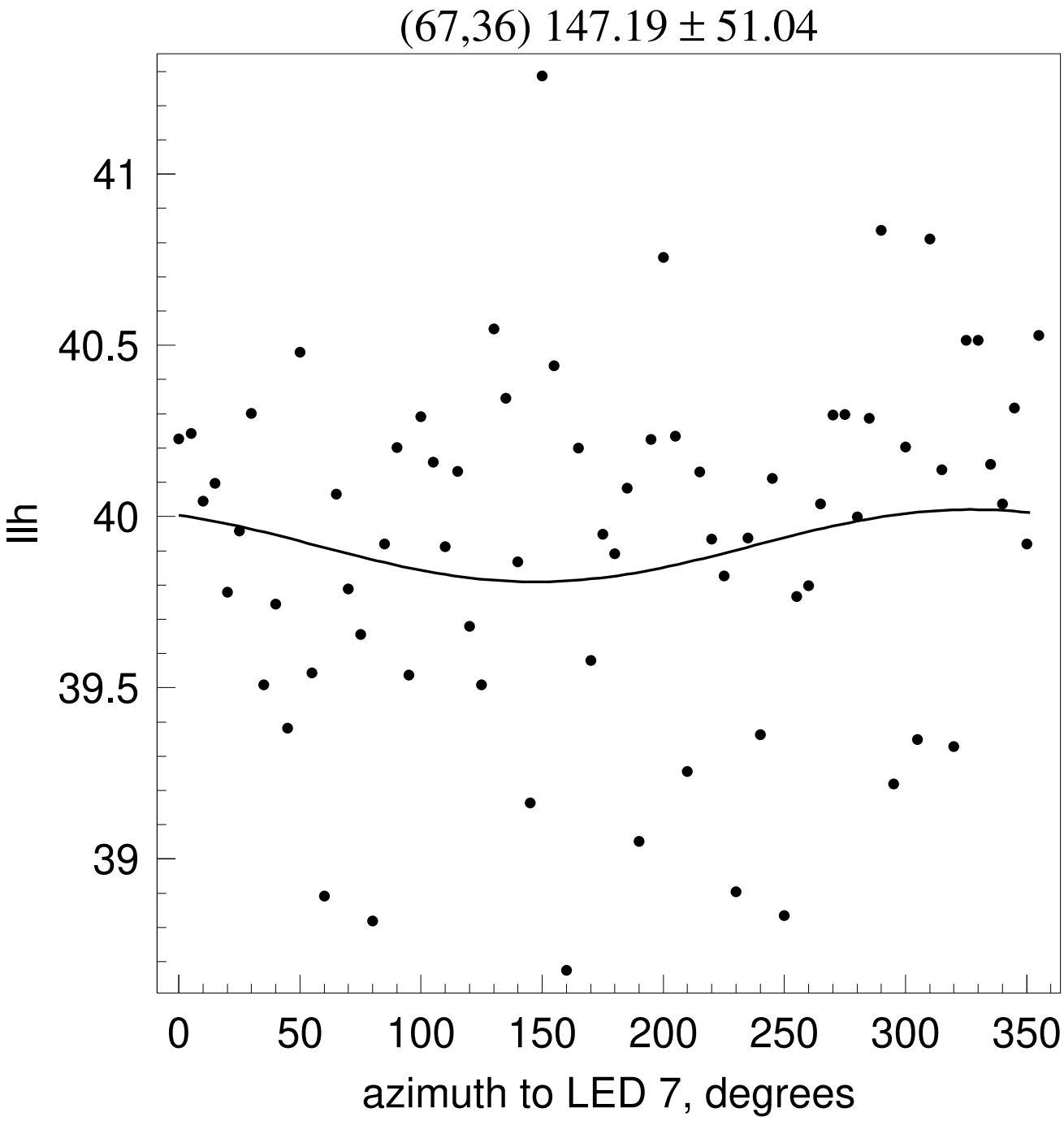

(67,31) 161.72 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

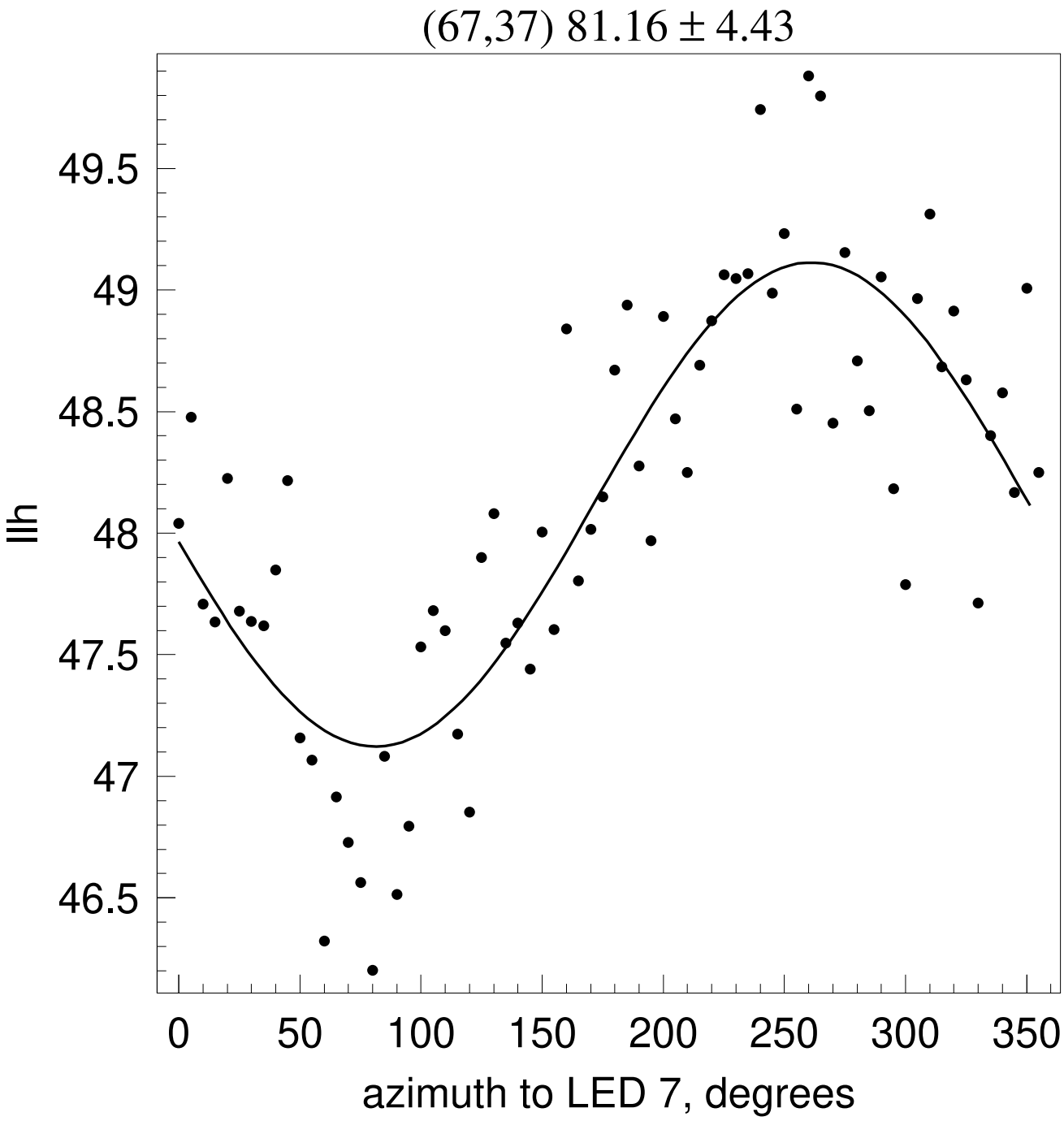

(67,32) 102.15 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

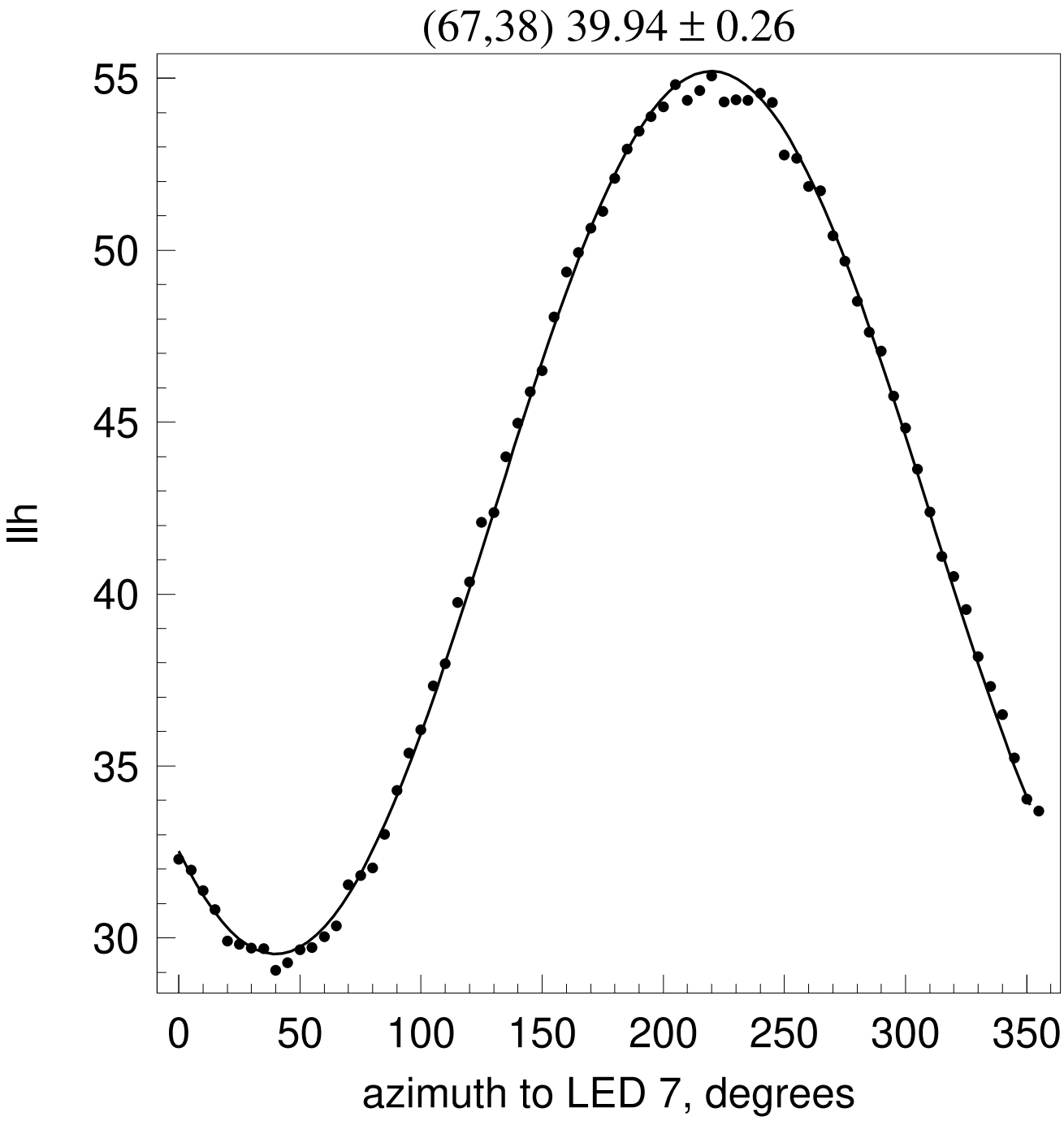

(67,33) 193.57 ± 0.33
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

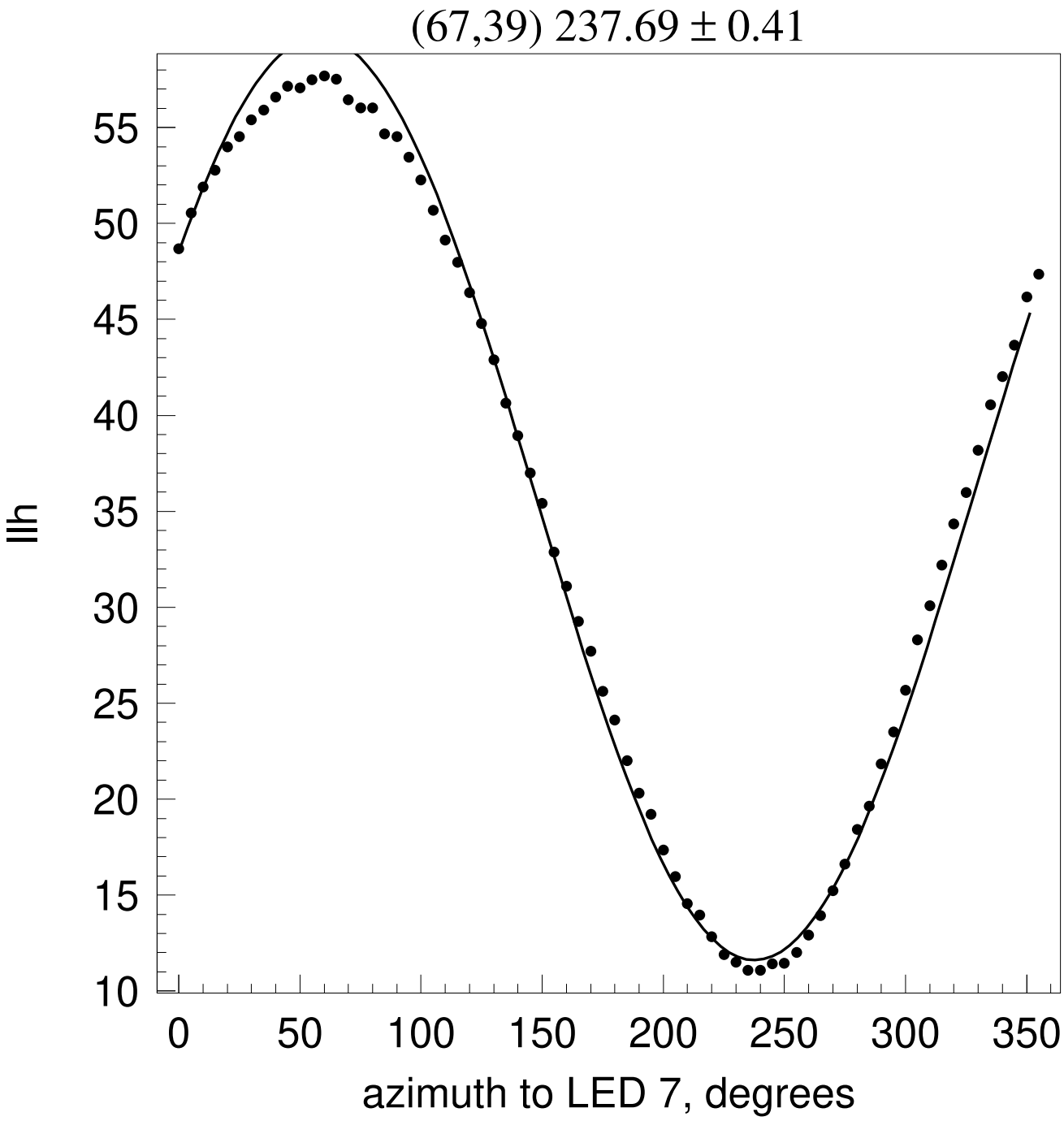

(67,34) 97.13 ± 0.72
34
33
32
31
30
29
28
27
26
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

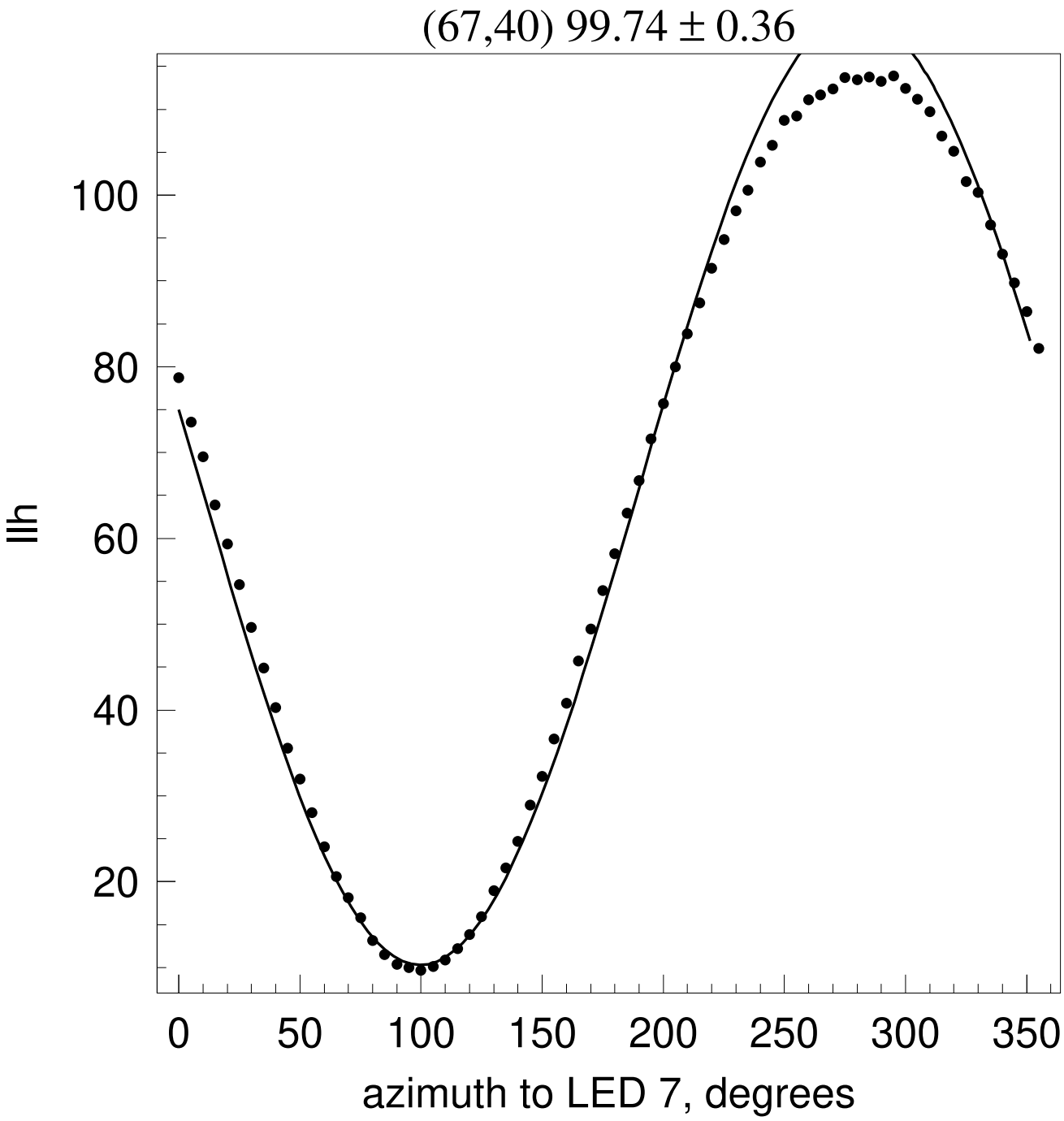

(67,35) 144.25 ± 1.16
52
51
50
49
48
47
46
45
44
43
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

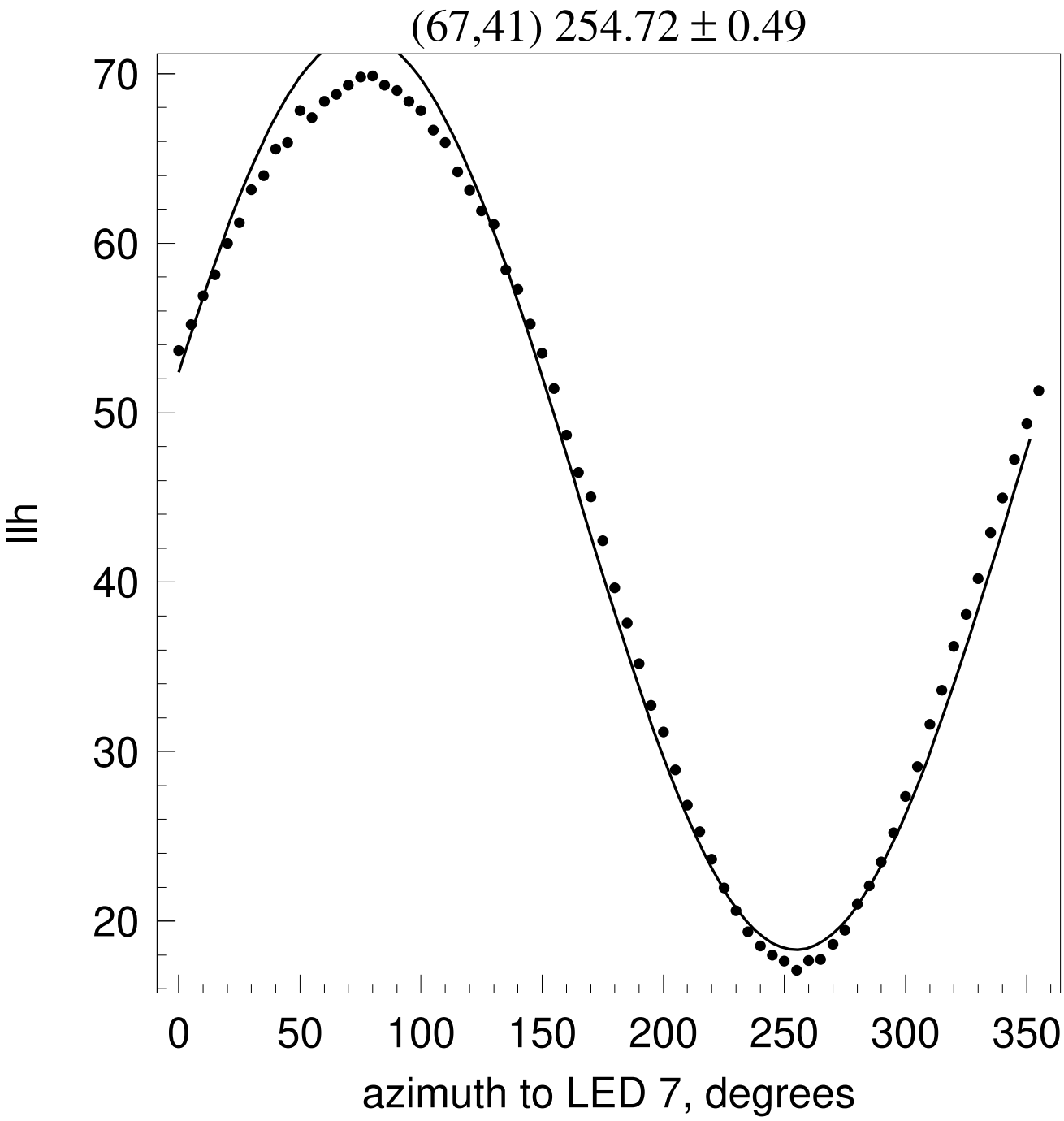

(67,36) 147.19 ± 51.04
41
40.5
40
39.5
39
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

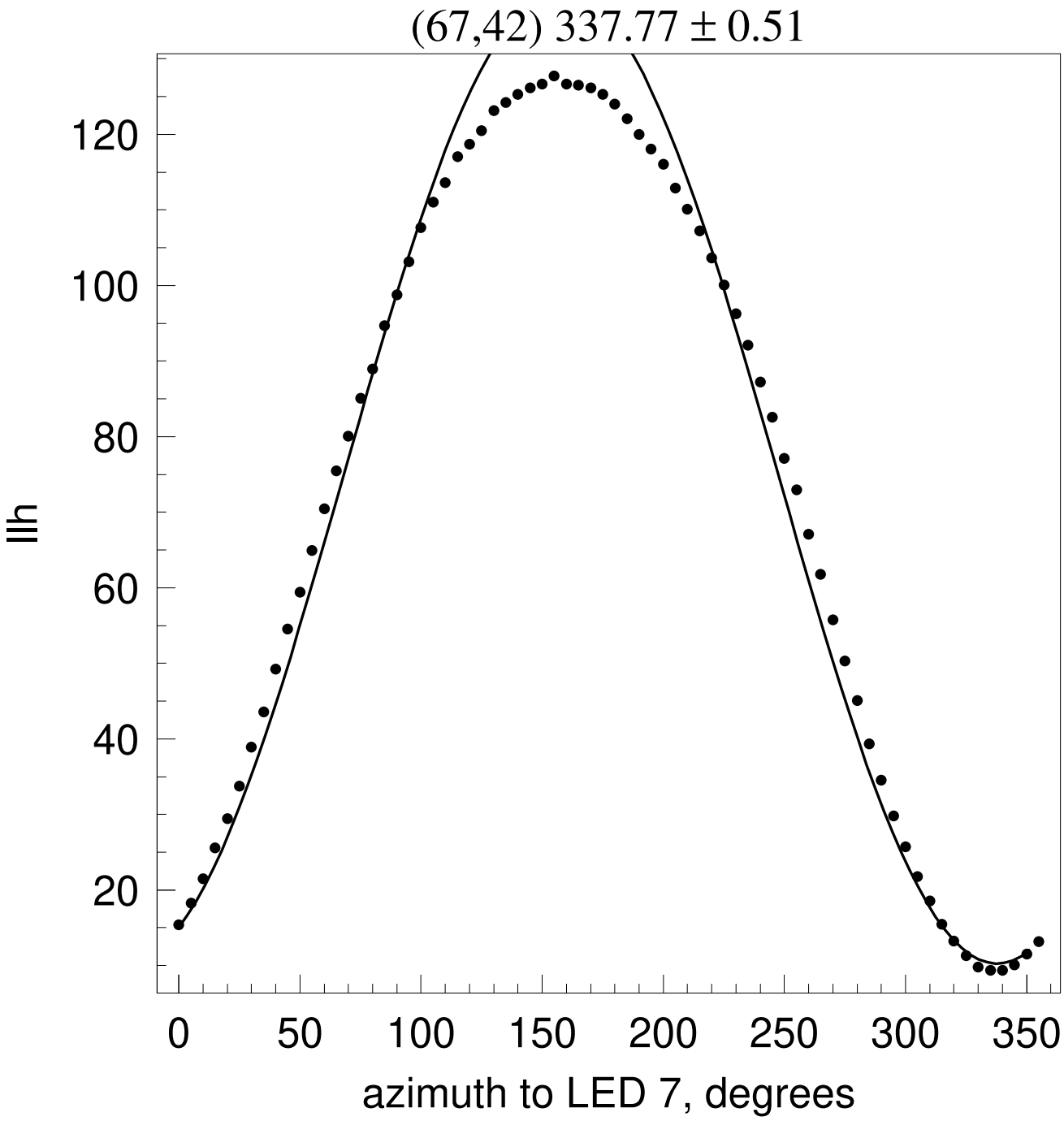

(67,37) 81.16 ± 4.43
49.5
49
48.5
48
47.5
47
46.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

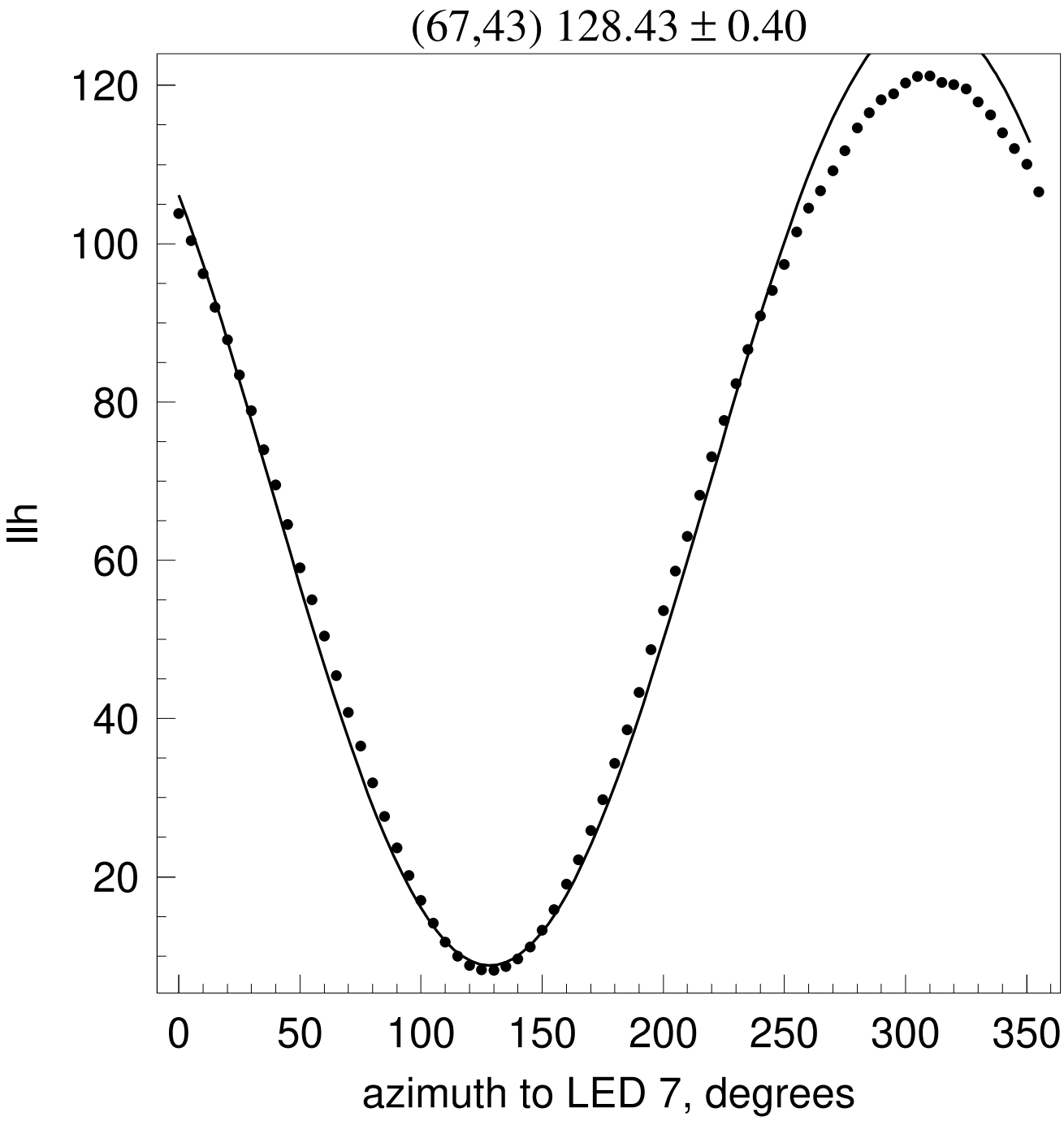

(67,38) 39.94 ± 0.26
55
50
45
40
35
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

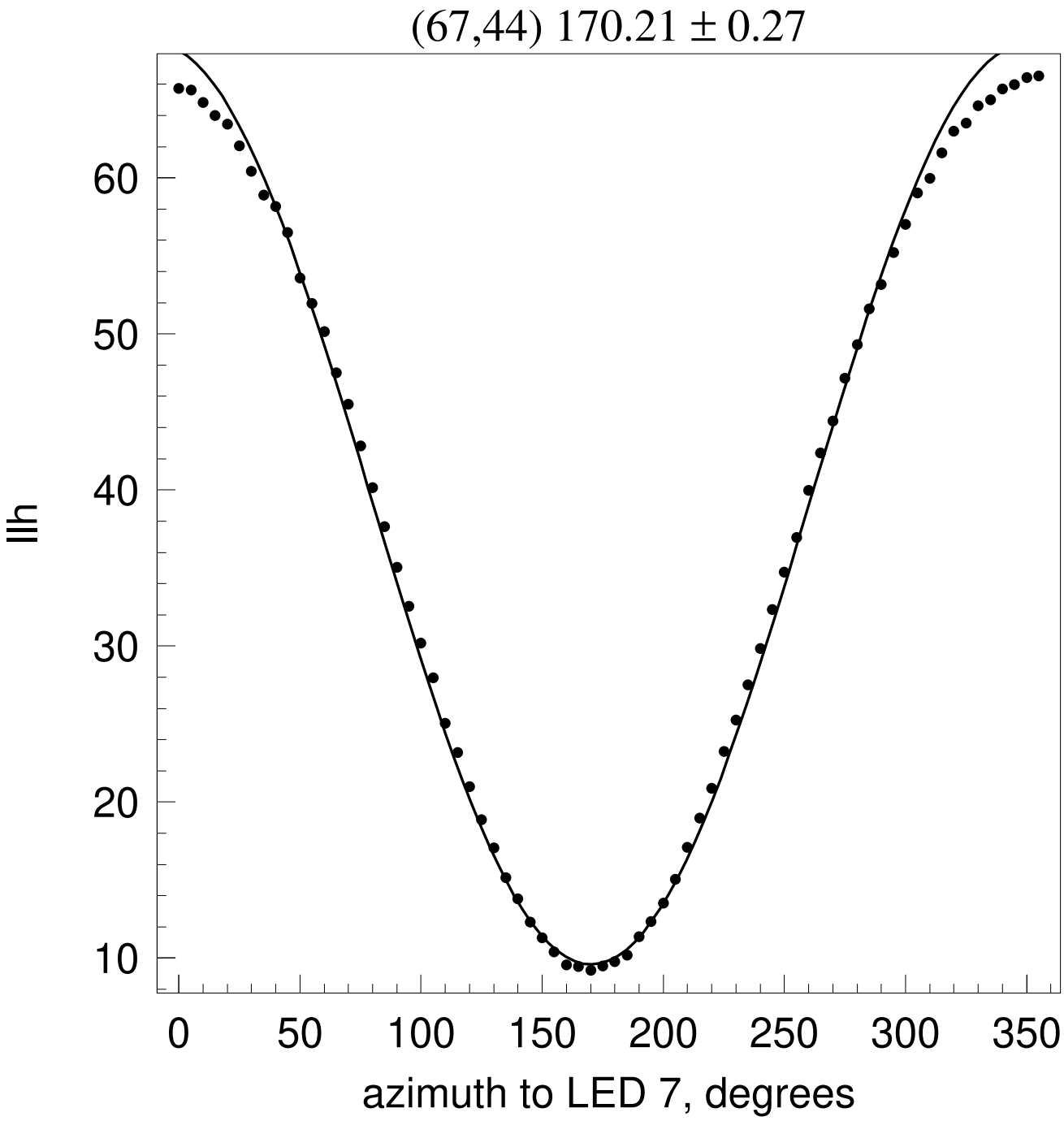

(67,39) 237.69 ± 0.41
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

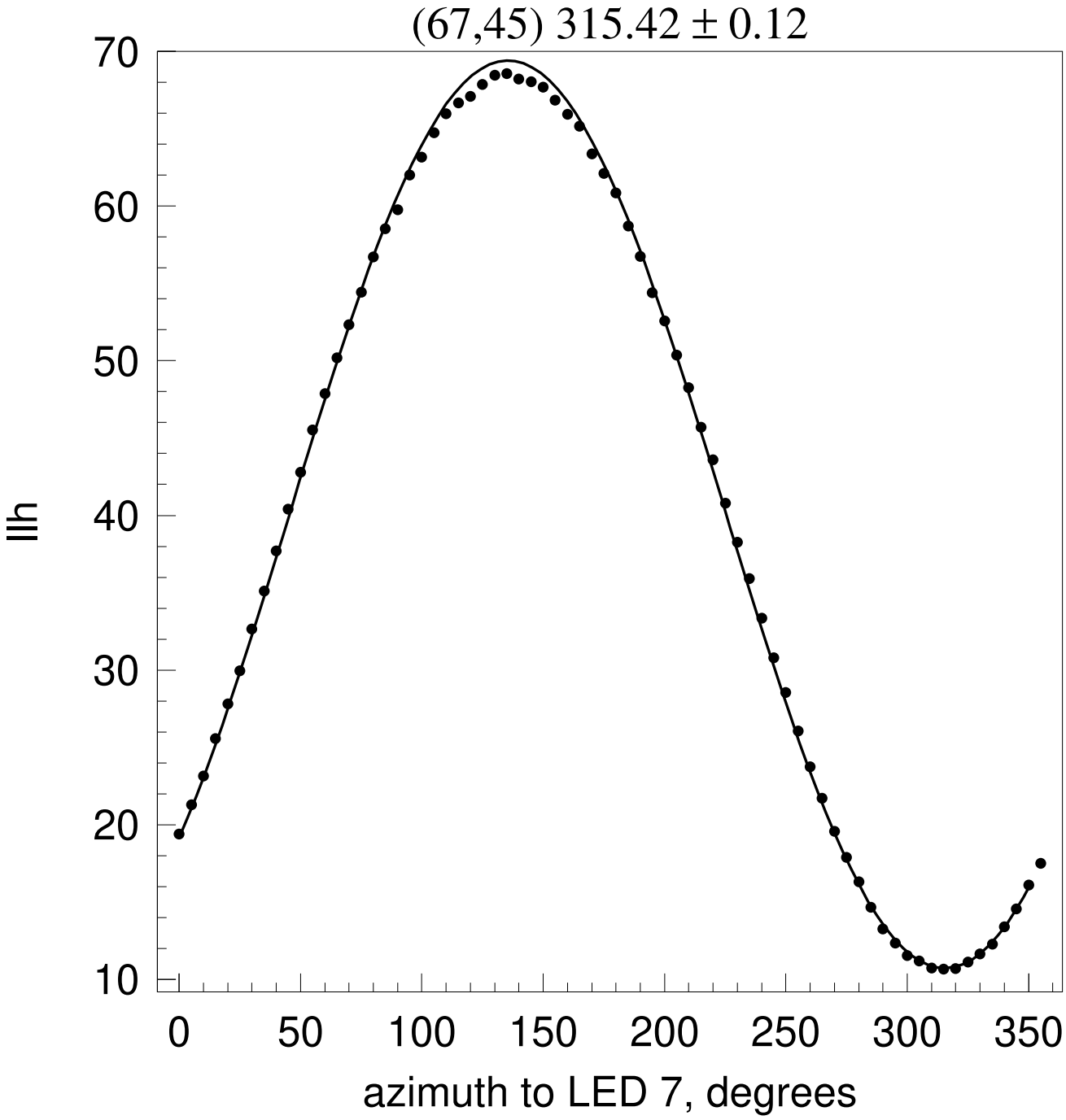

(67,40) 99.74 ± 0.36
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

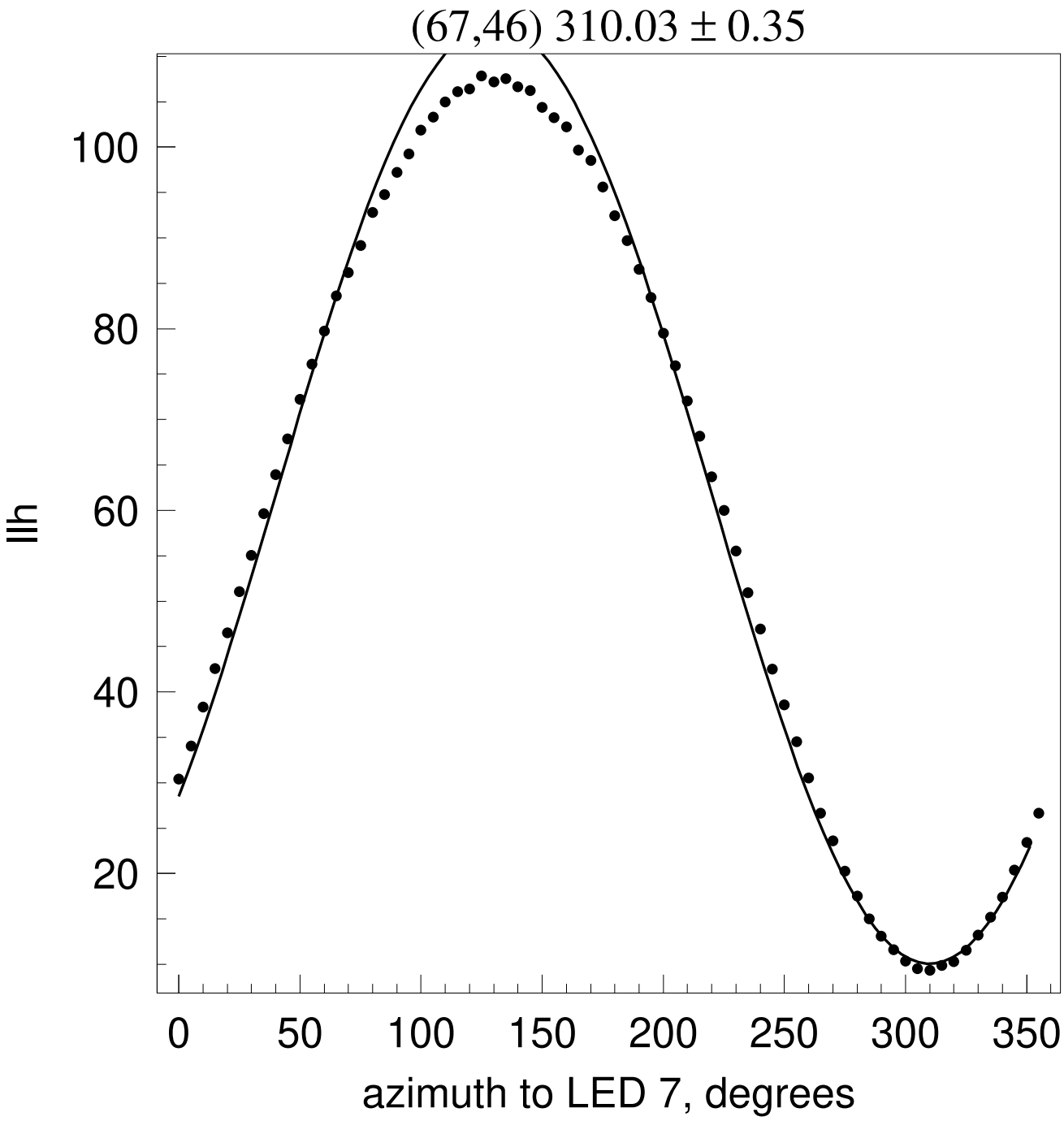

(67,41) 254.72 ± 0.49
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

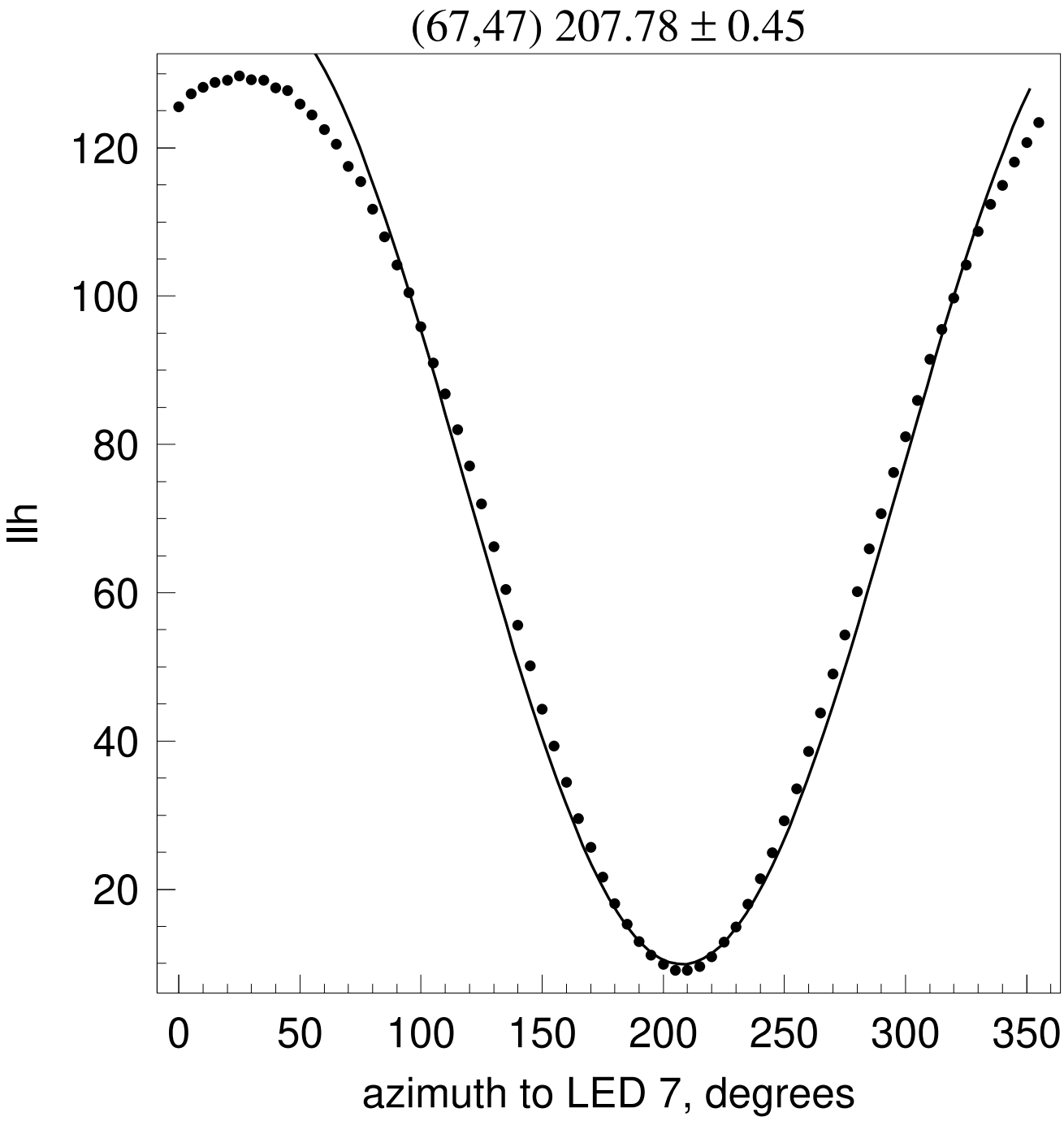

(67,42) 337.77 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

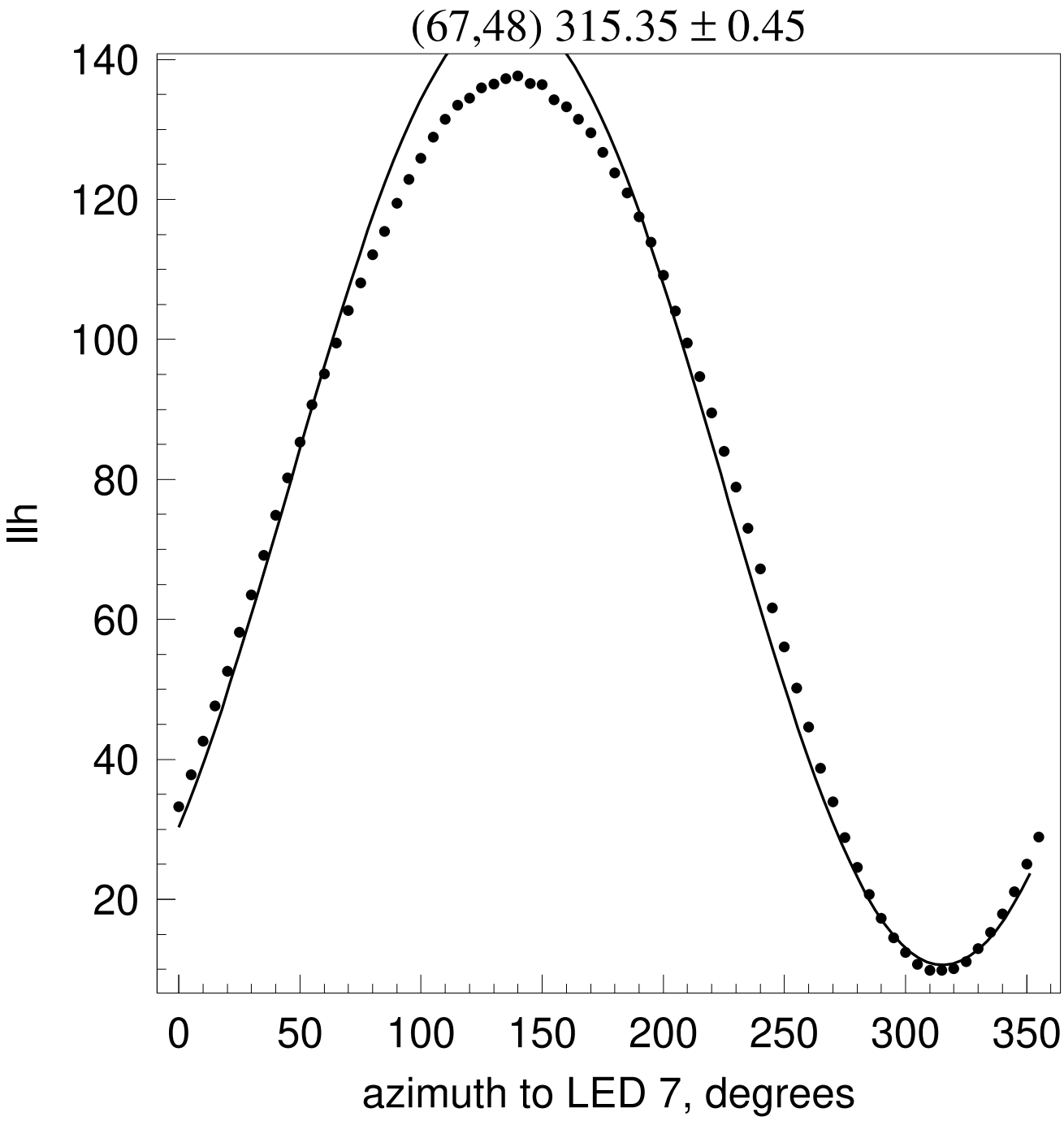

(67,43) 128.43 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

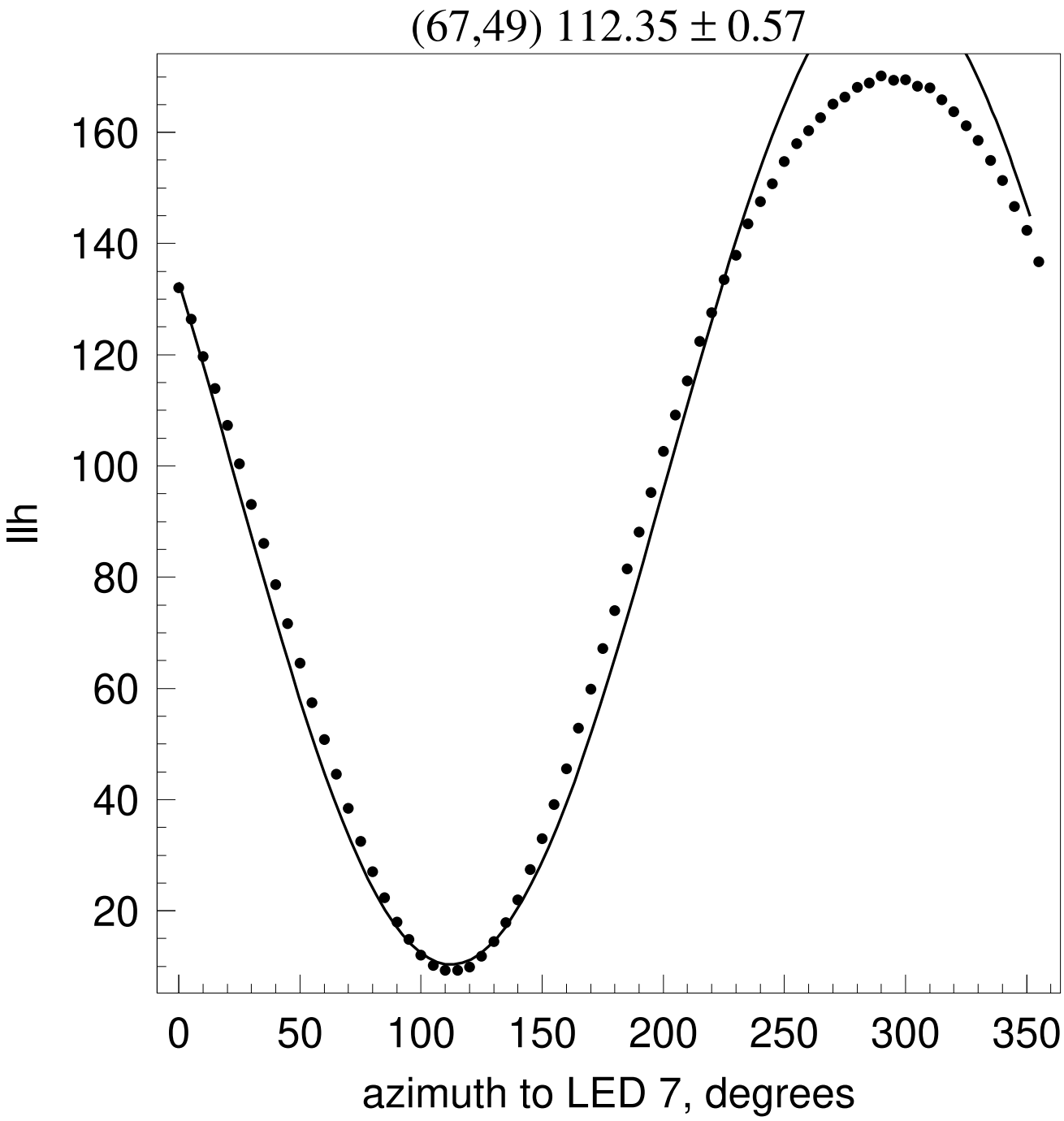

(67,44) 170.21 ± 0.27
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

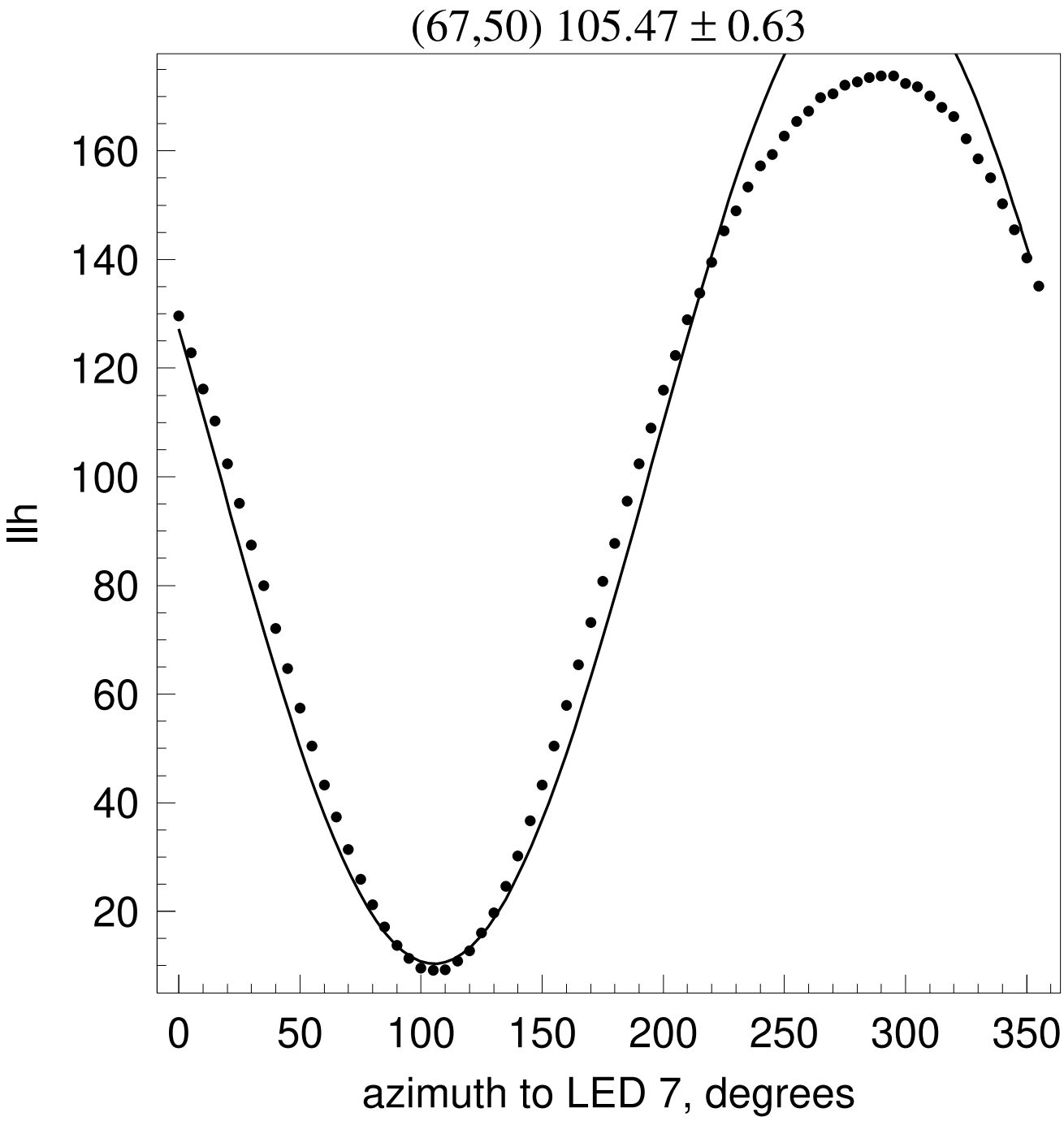

(67,45) 315.42 ± 0.12
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

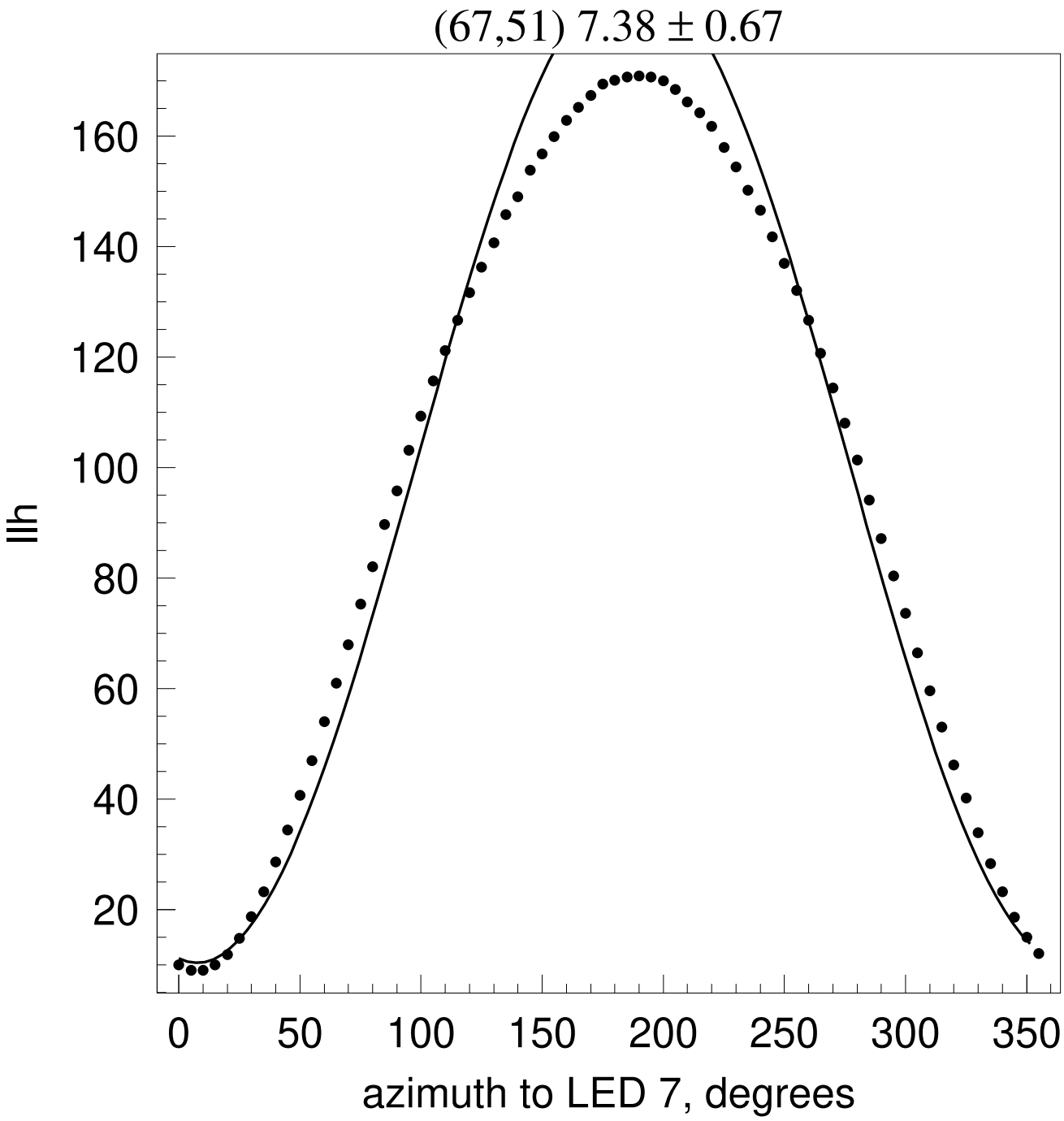

(67,46) 310.03 ± 0.35
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

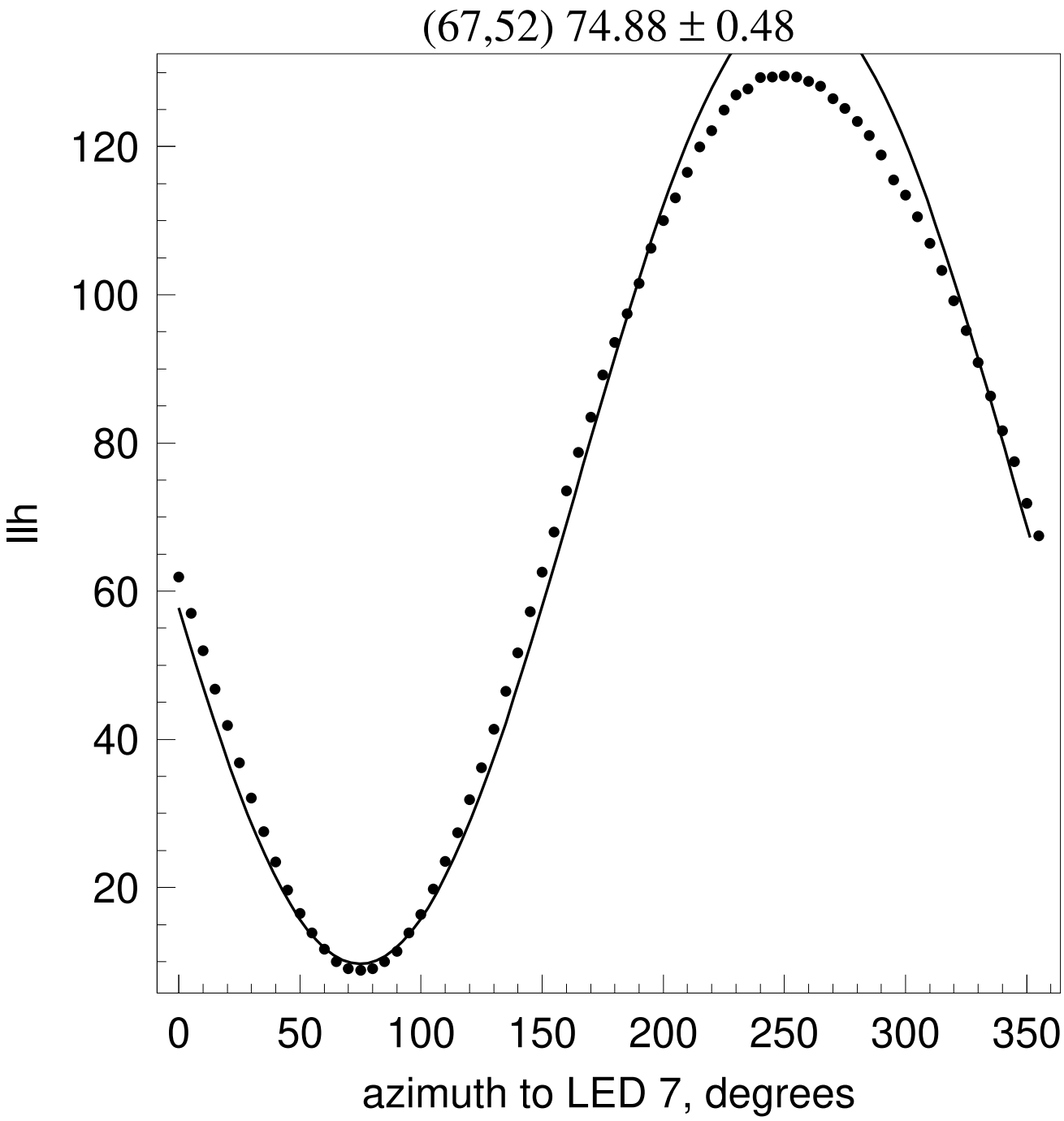

(67,47) 207.78 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

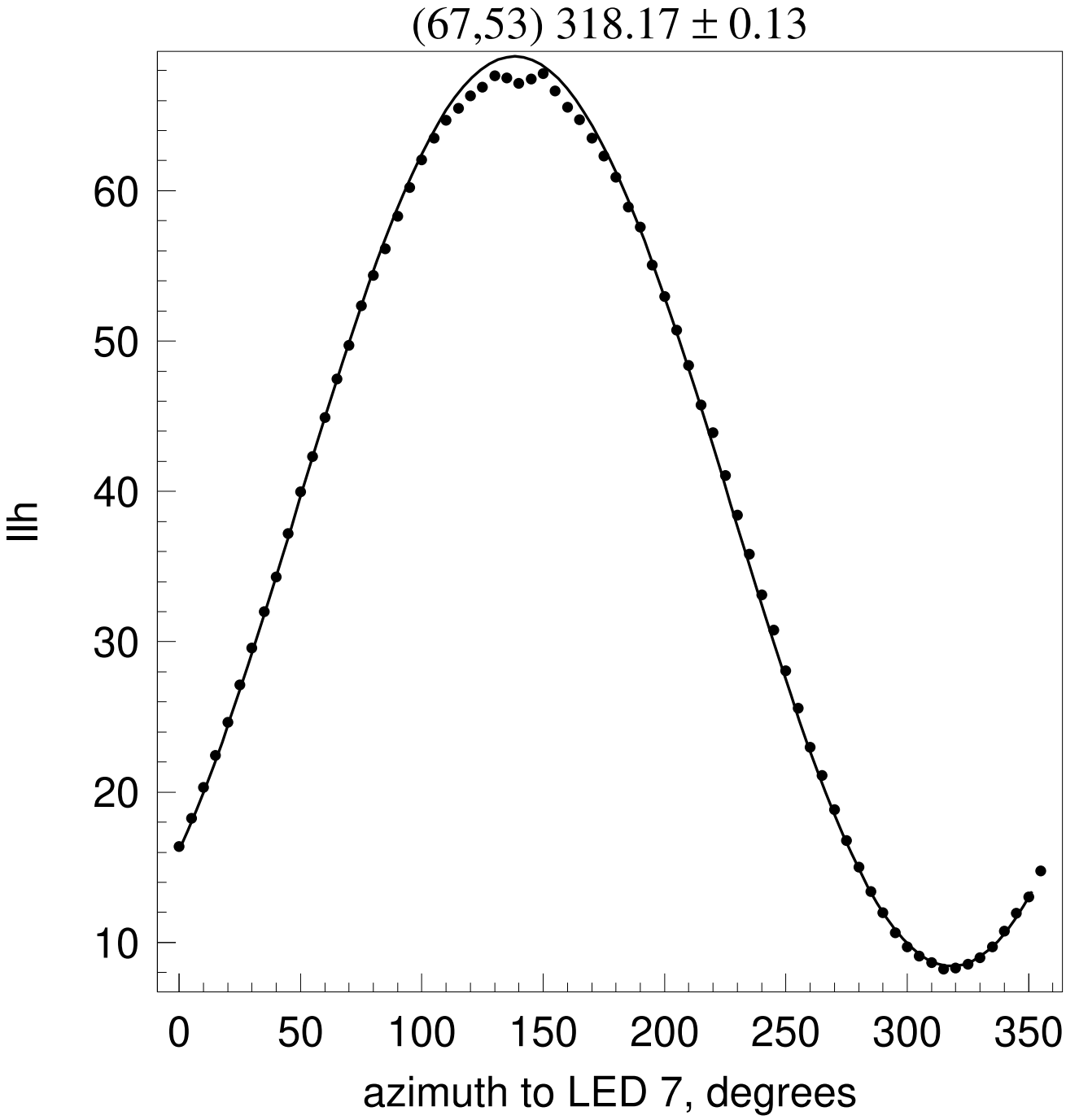

(67,48) 315.35 ± 0.45
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

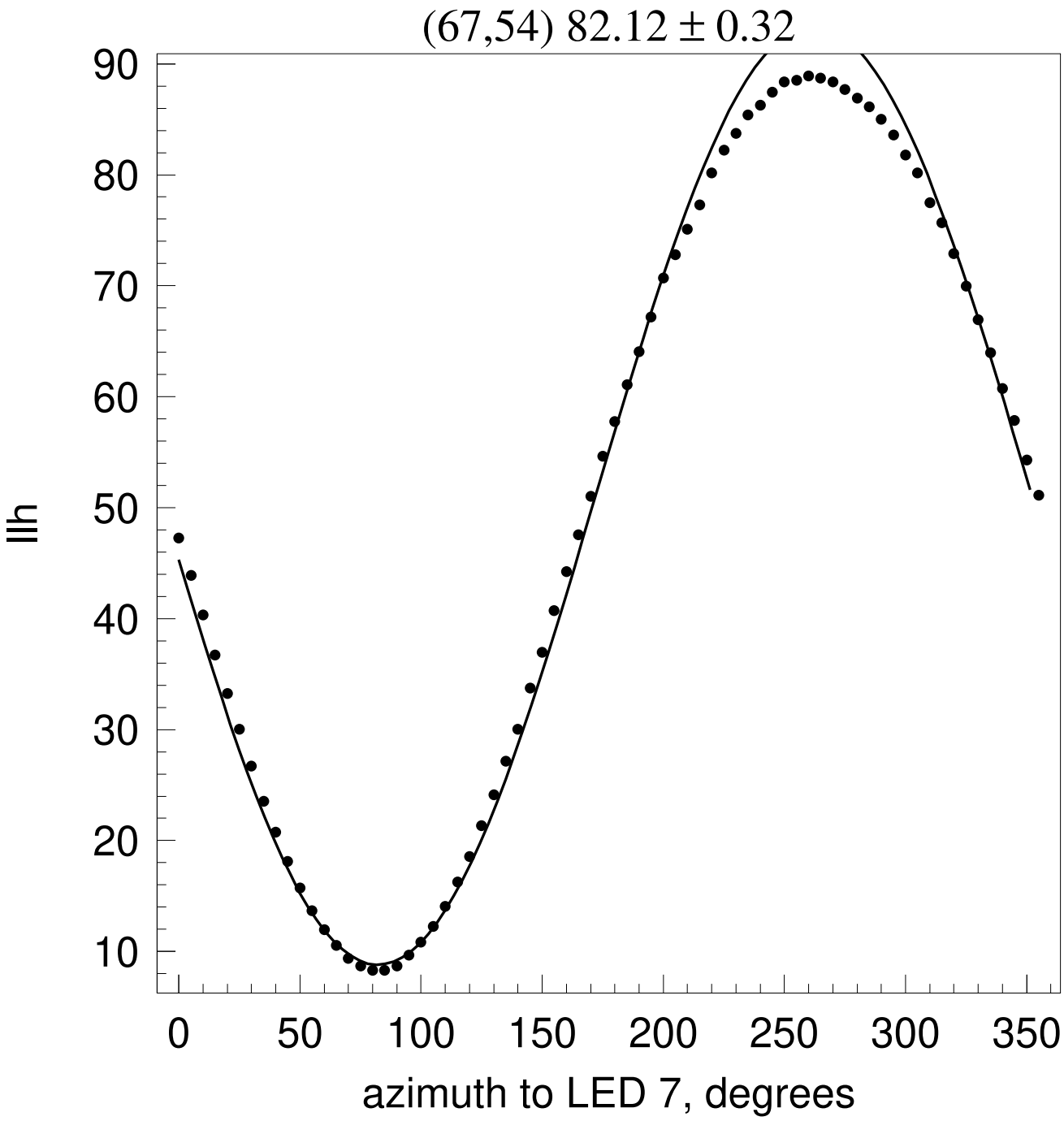

(67,49) 112.35 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

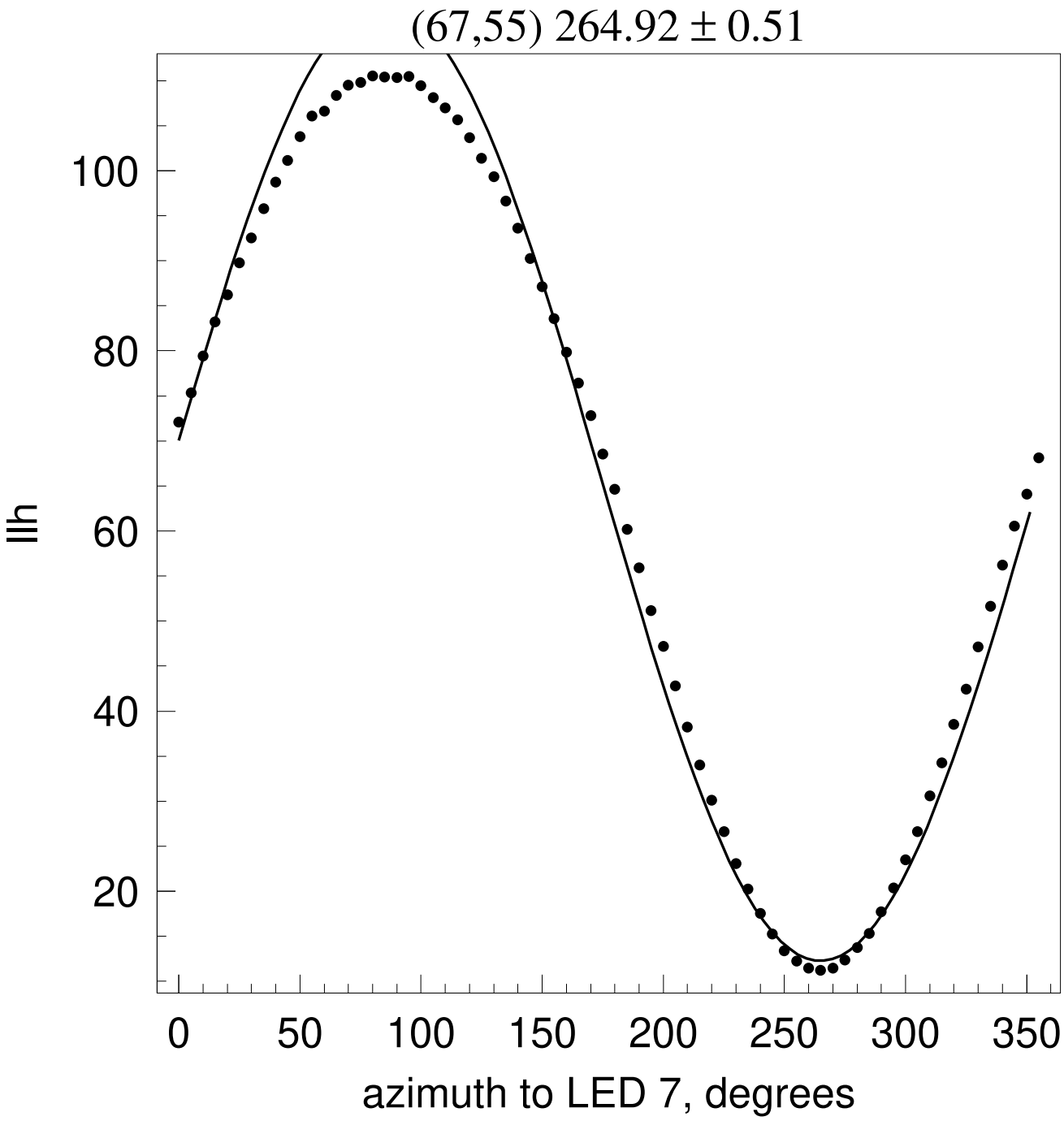

(67,50) 105.47 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

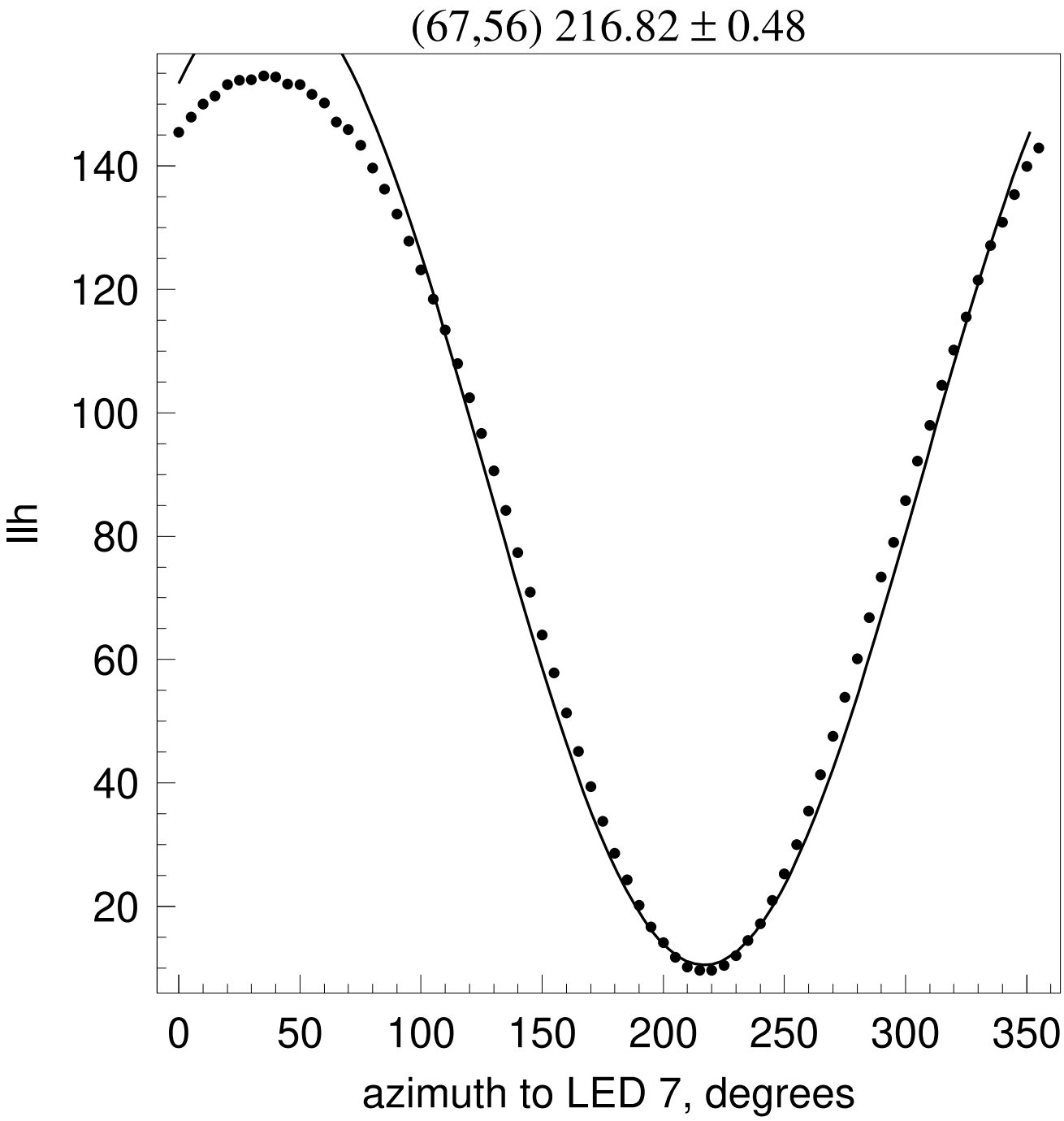

(67,51) 7.38 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

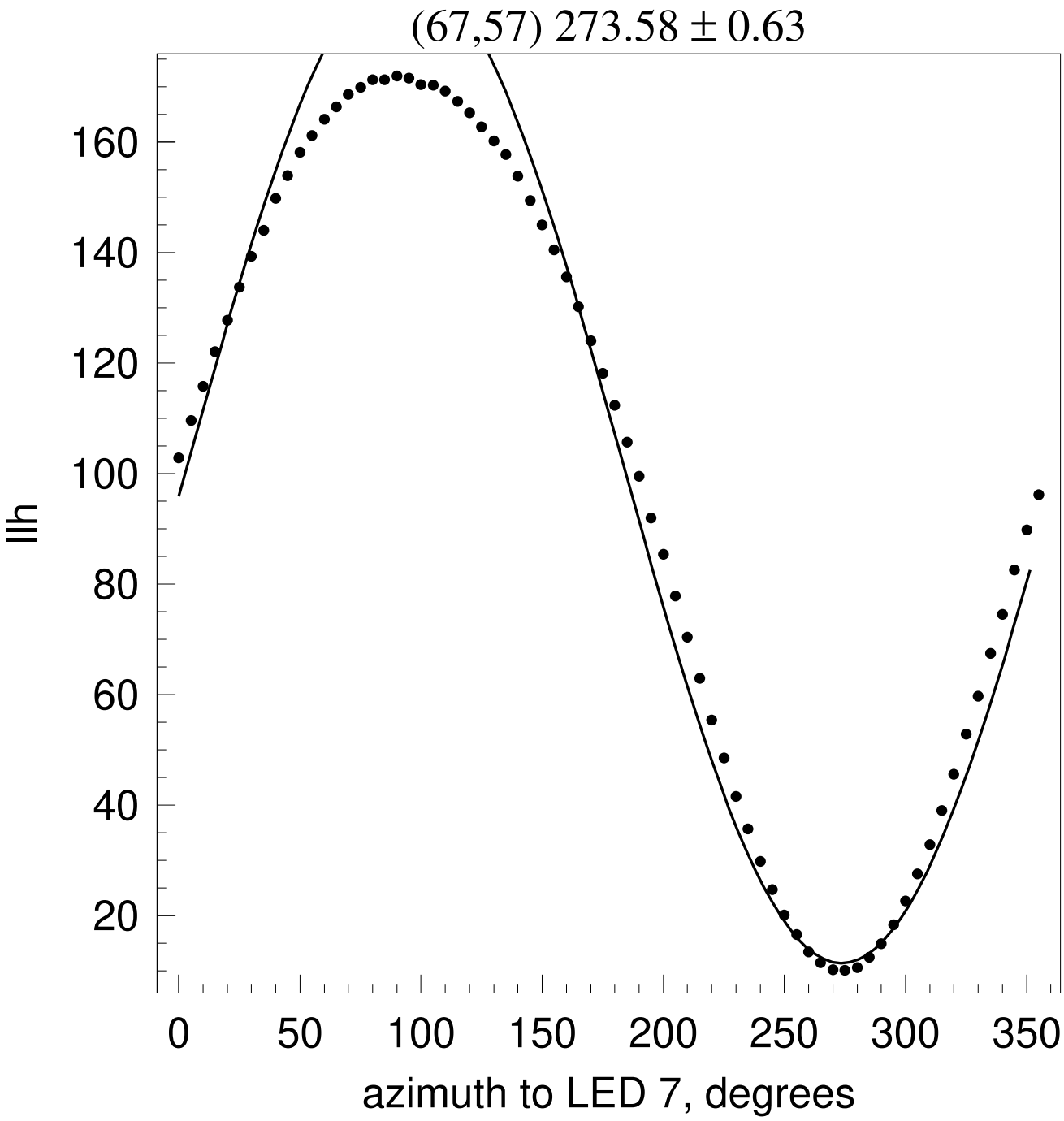

(67,52) 74.88 ± 0.48
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

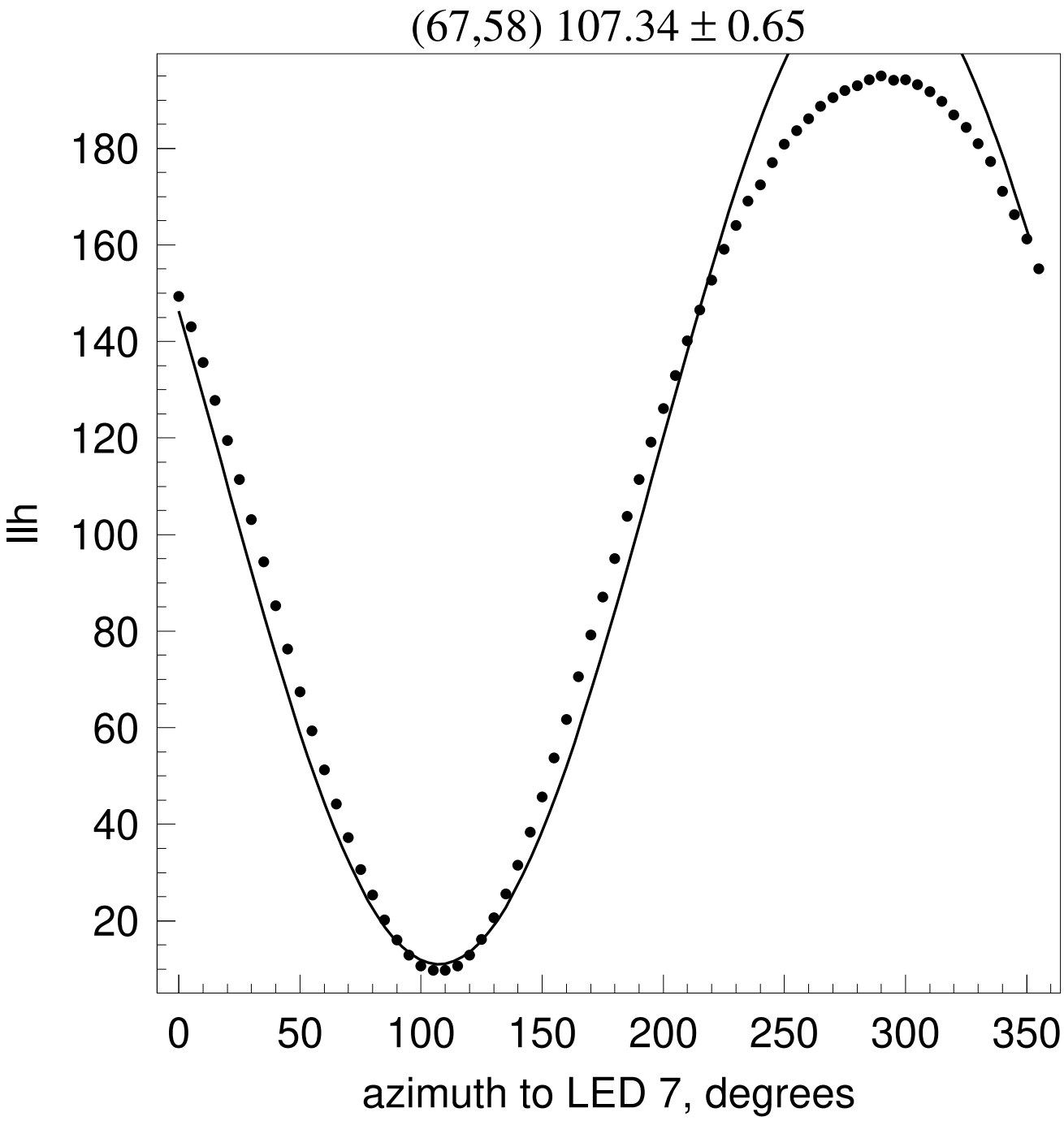

(67,53) 318.17 ± 0.13
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

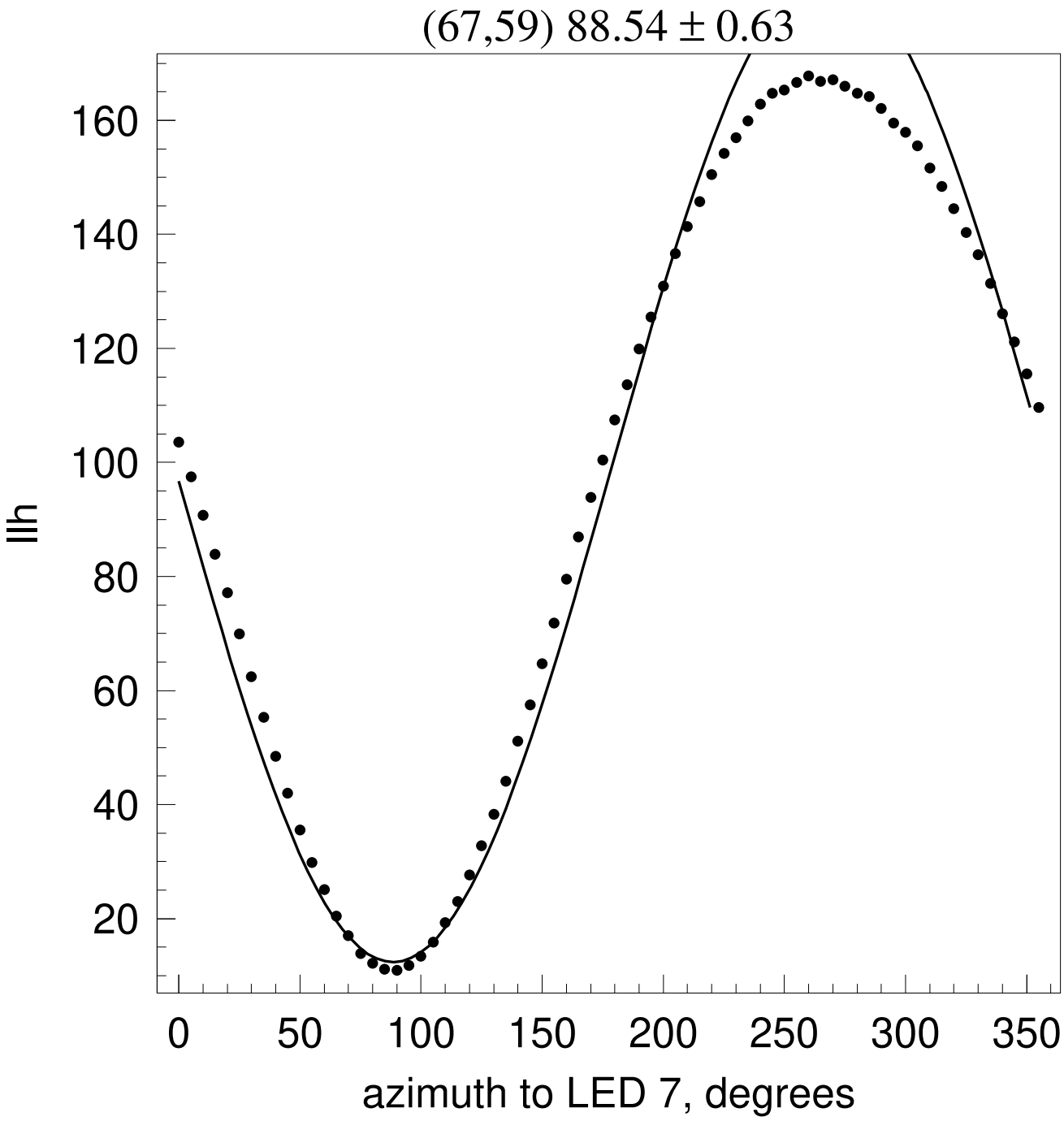

(67,54) 82.12 ± 0.32
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

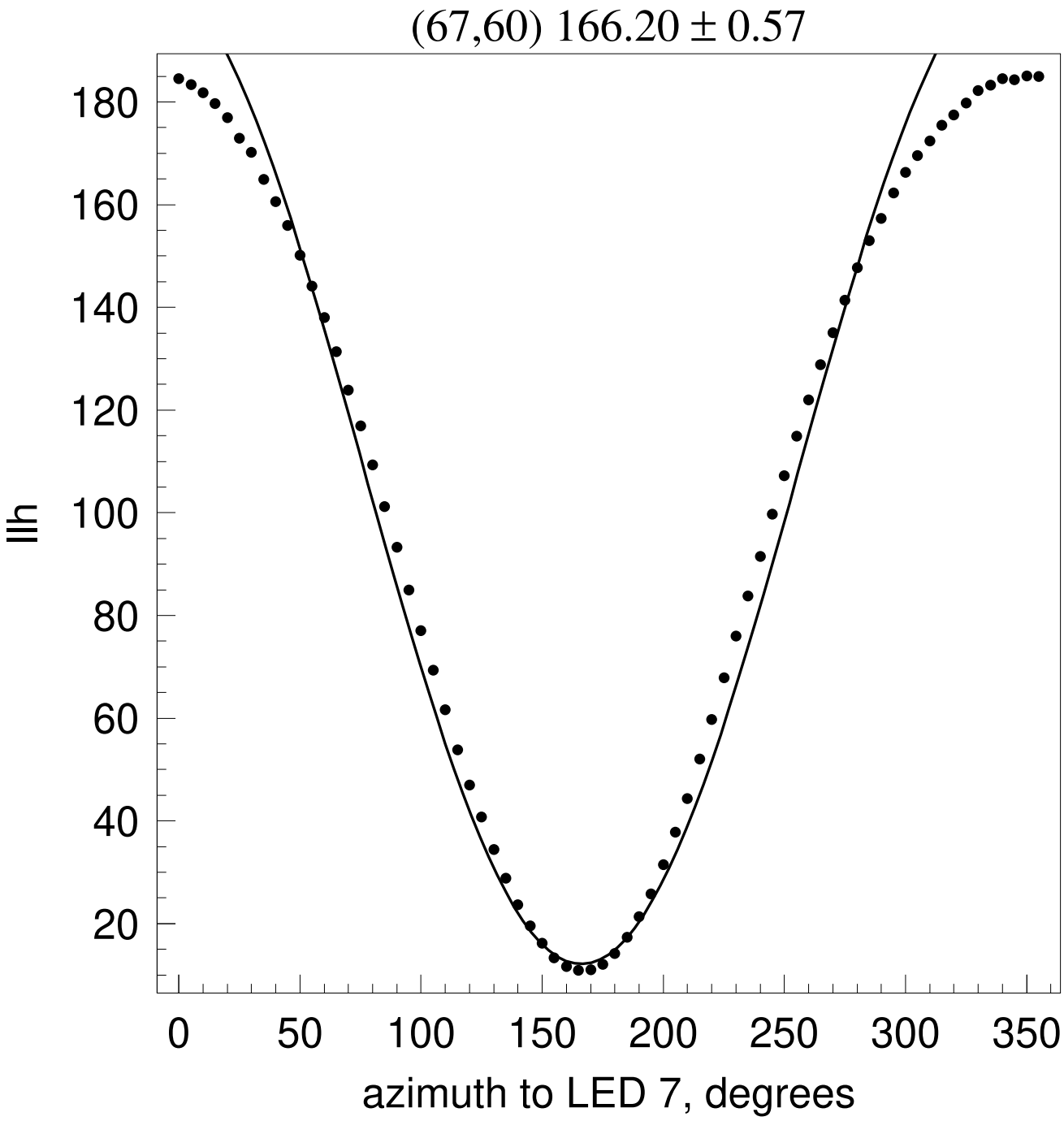

(67,55) 264.92 ± 0.51
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

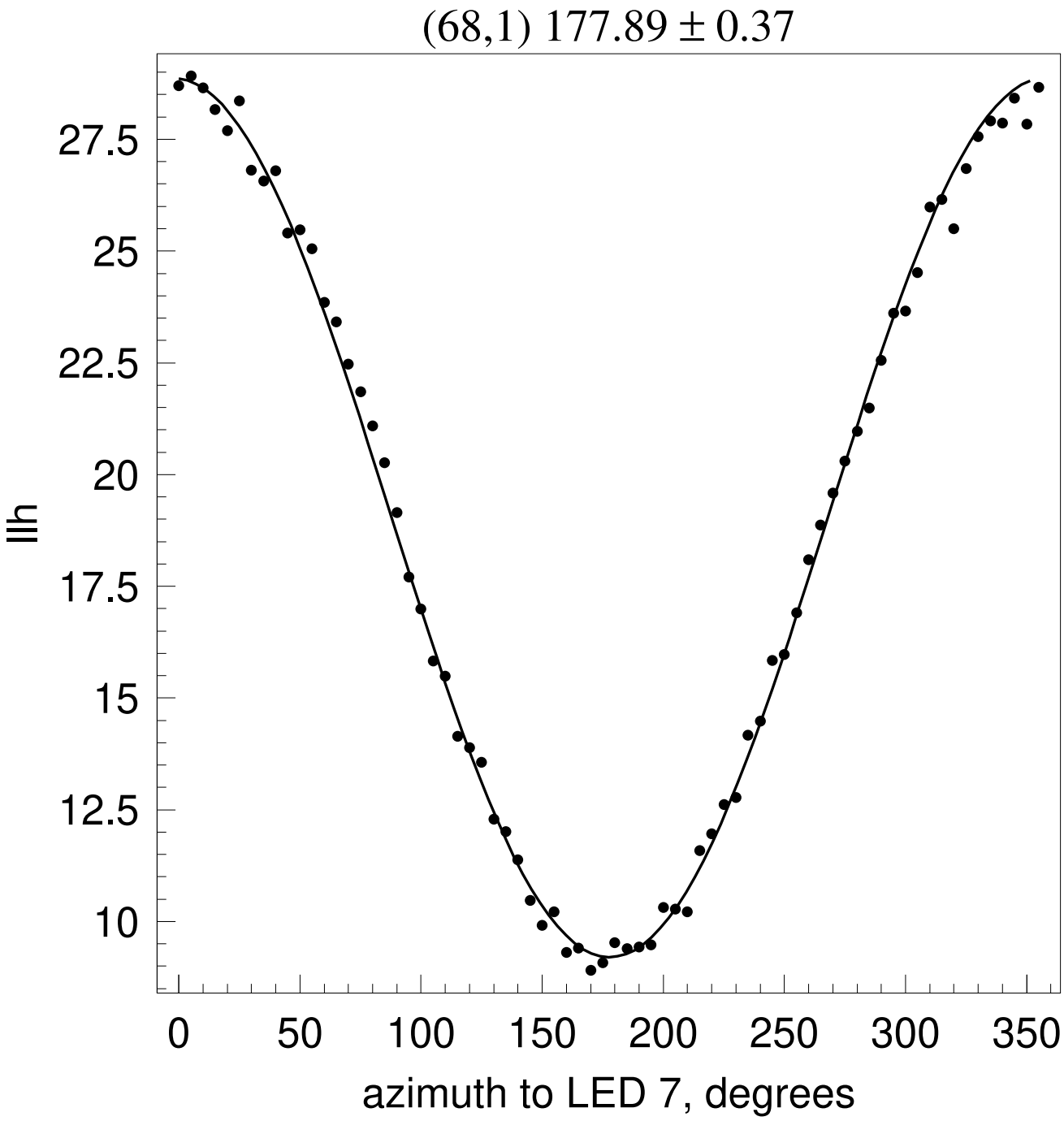

(67,56) 216.82 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

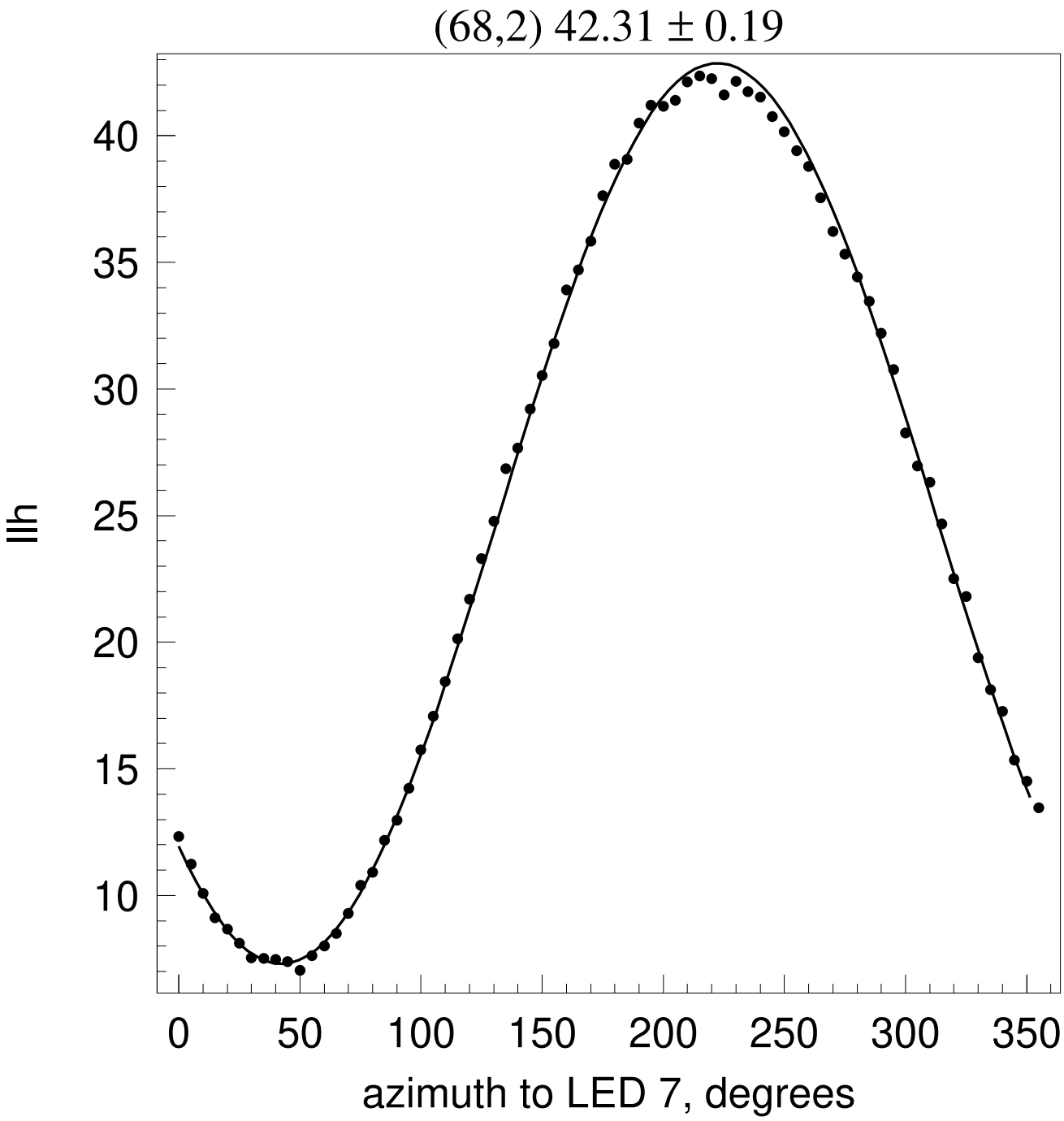

(67,57) 273.58 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

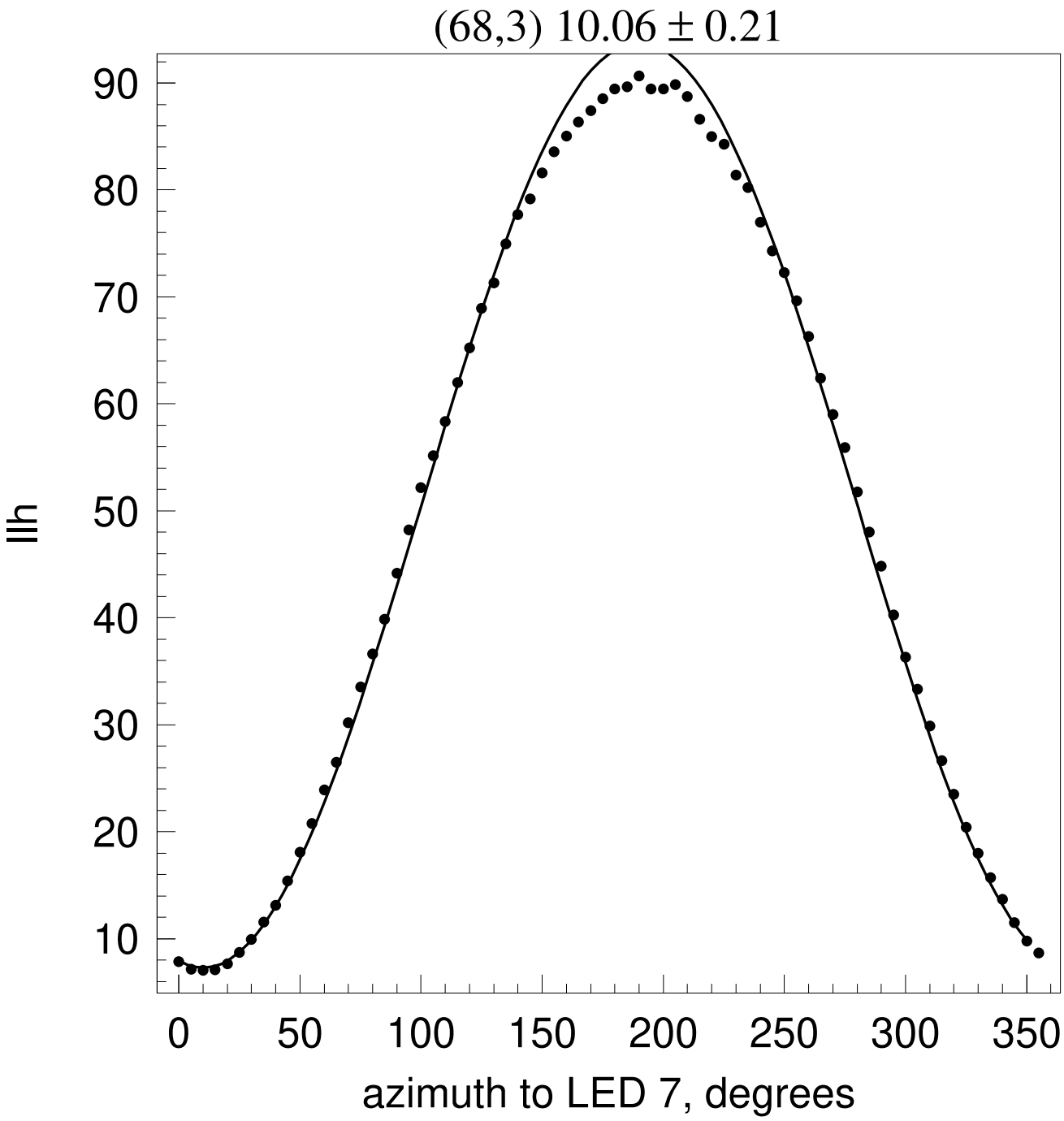

(67,58) 107.34 ± 0.65
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

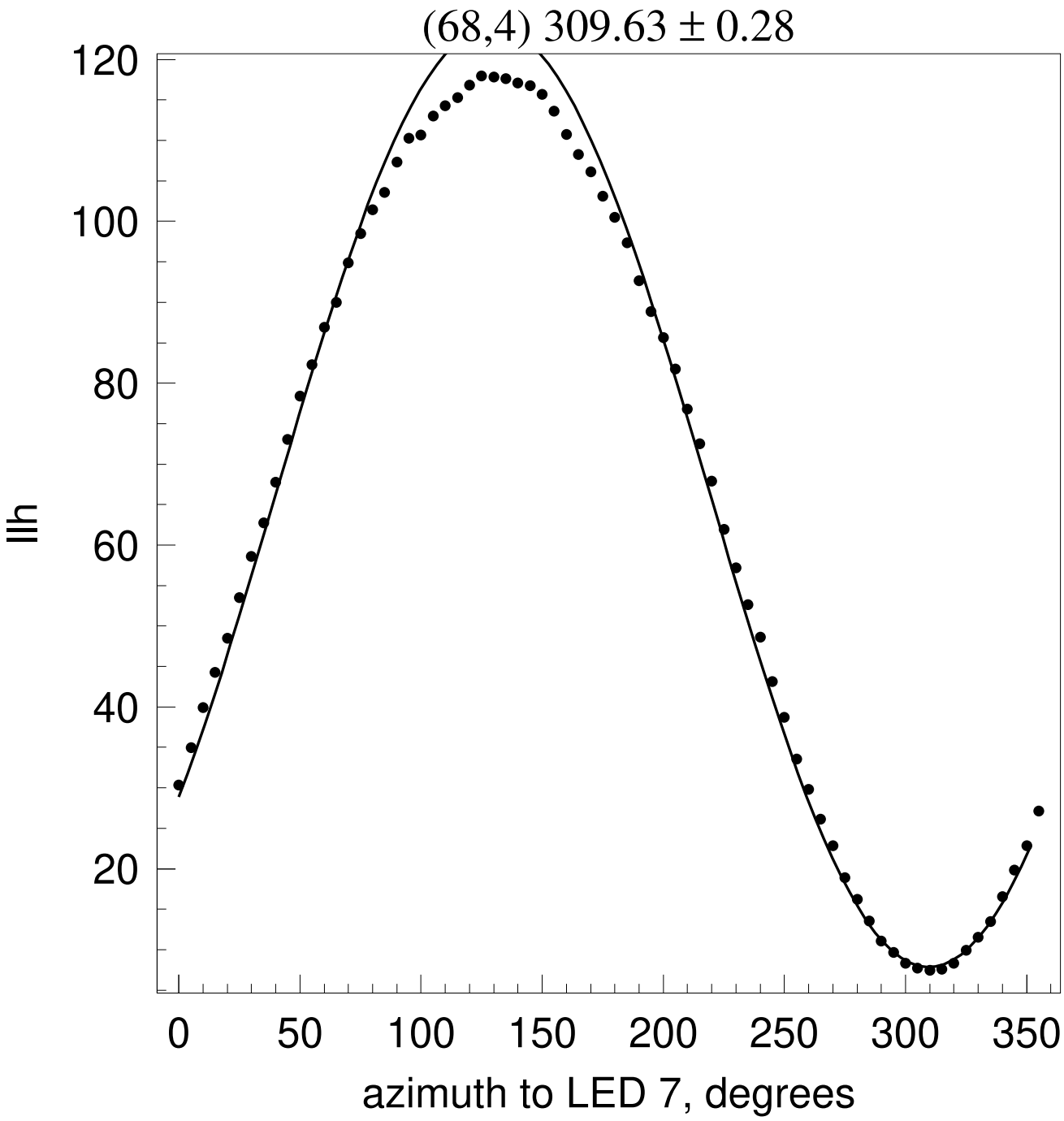

(67,59) 88.54 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

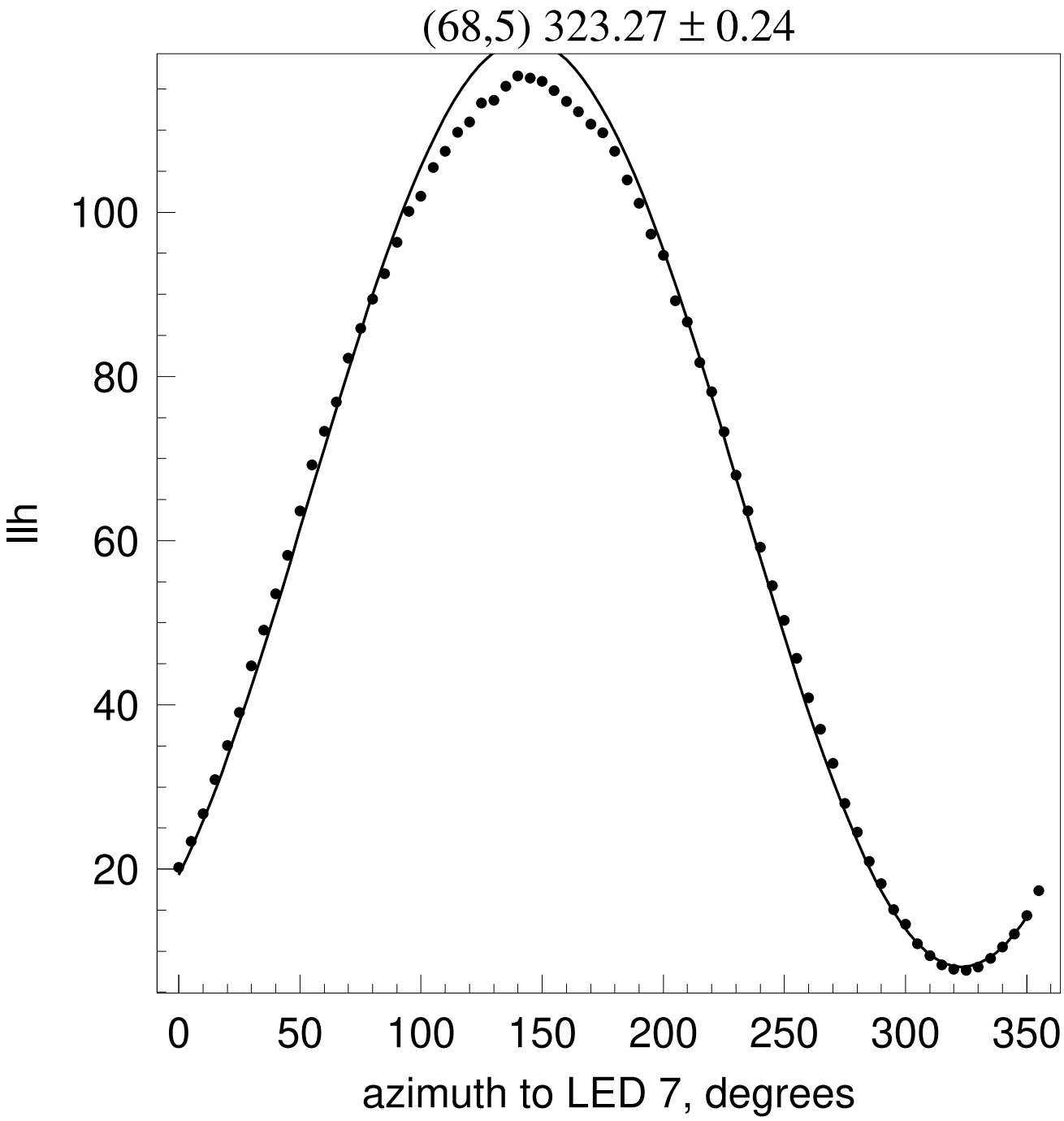

(67,60) 166.20 ± 0.57
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

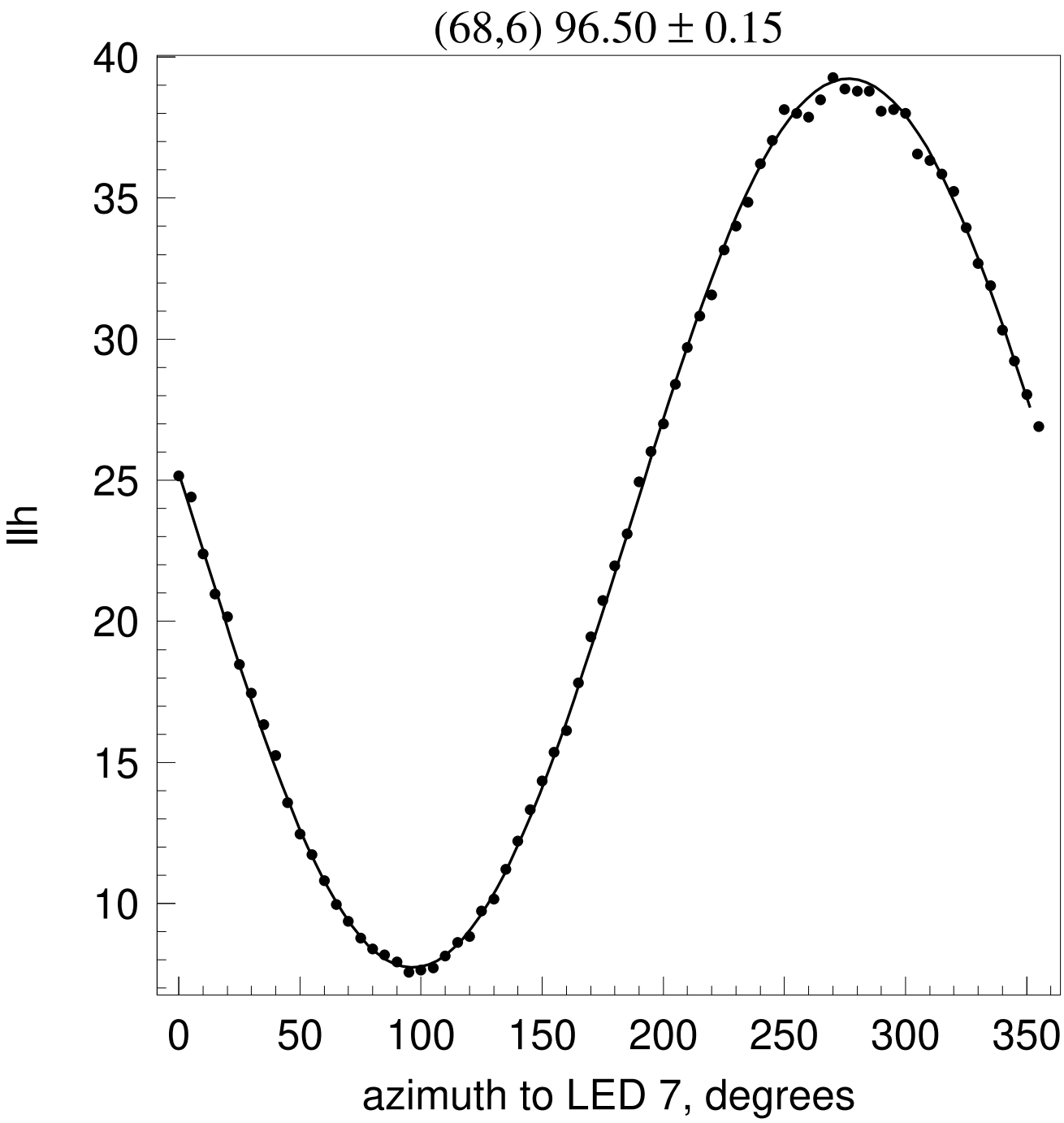

(68,1) 177.89 ± 0.37
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

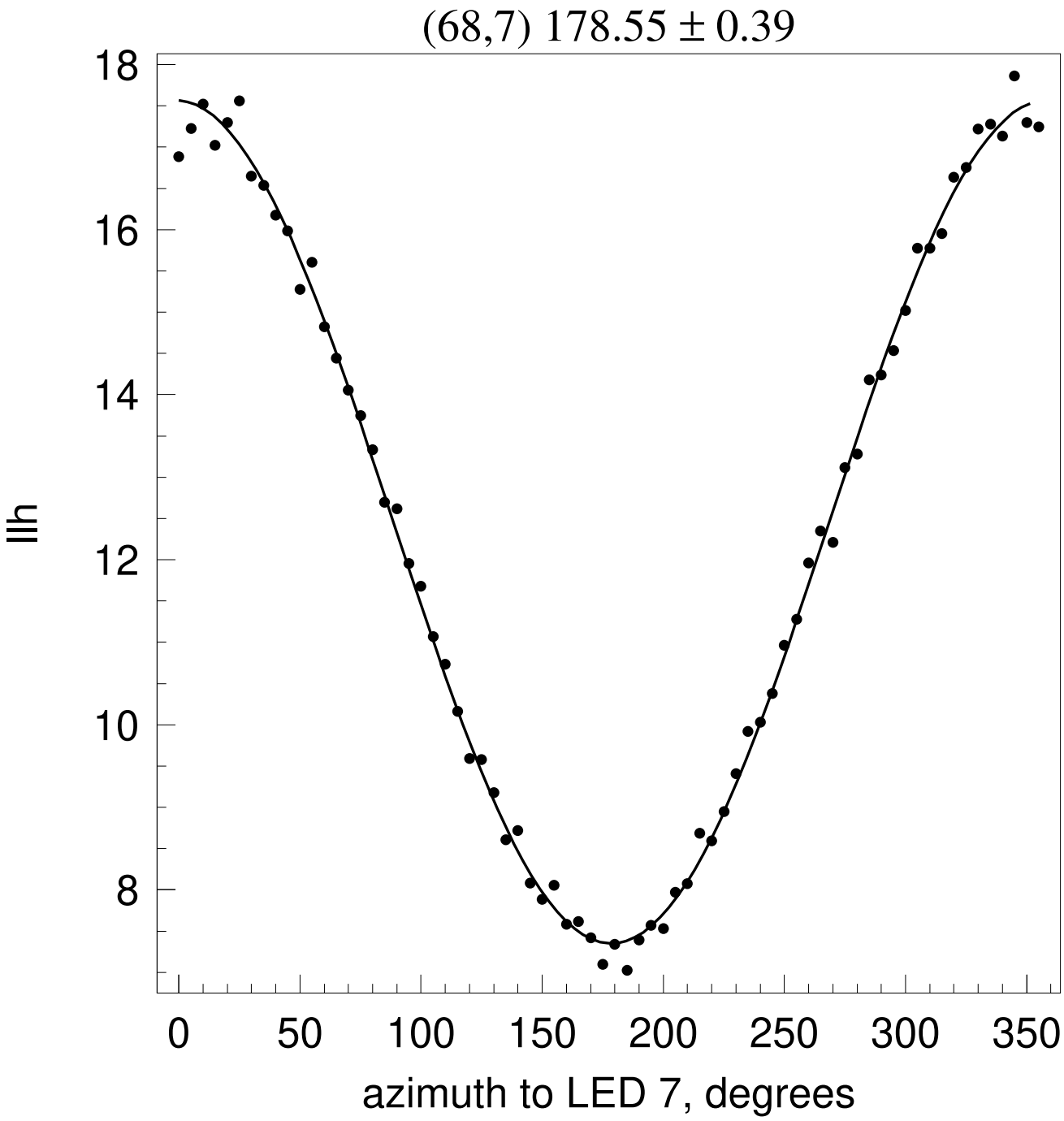

(68,2) 42.31 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

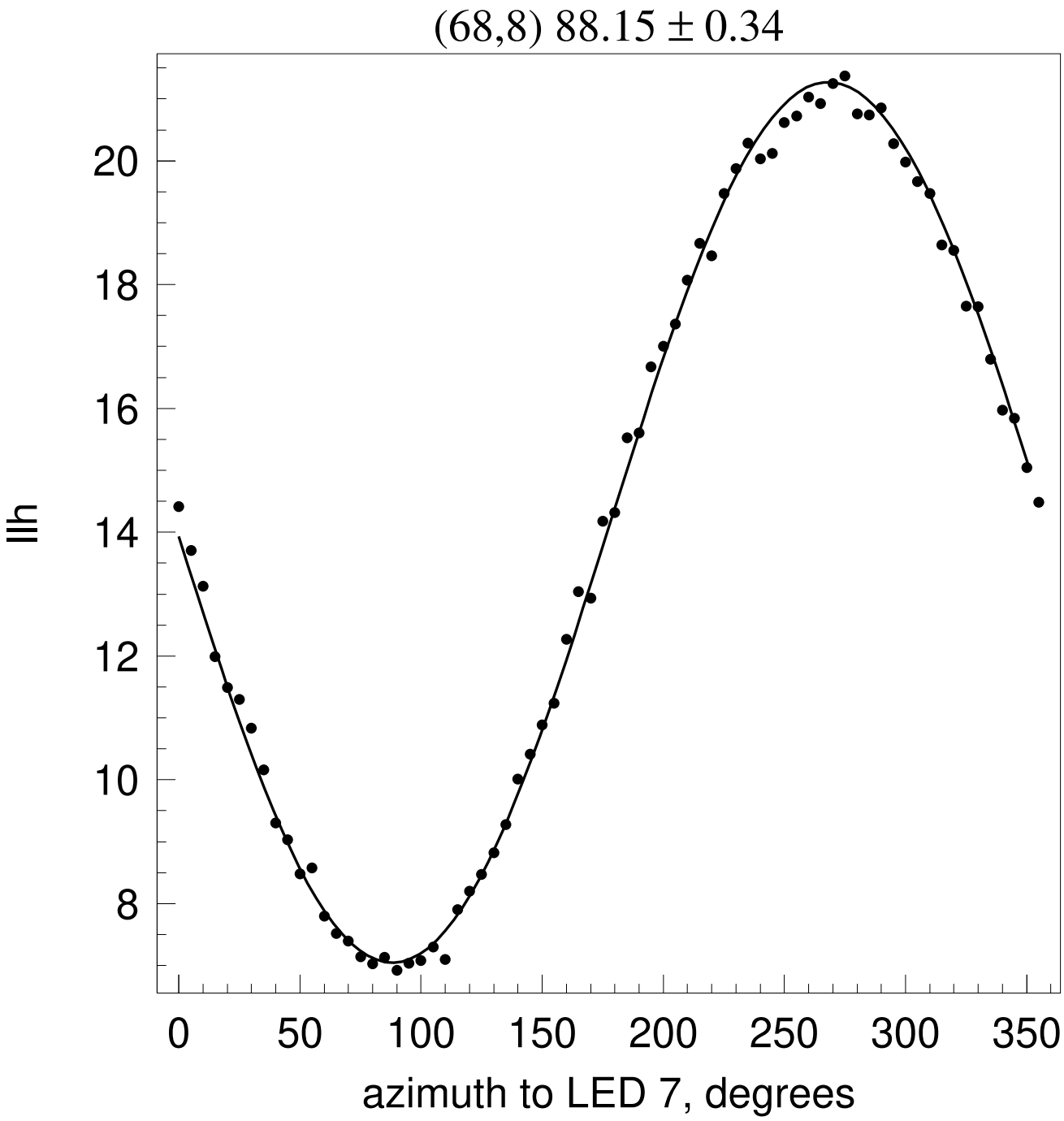

(68,3) 10.06 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

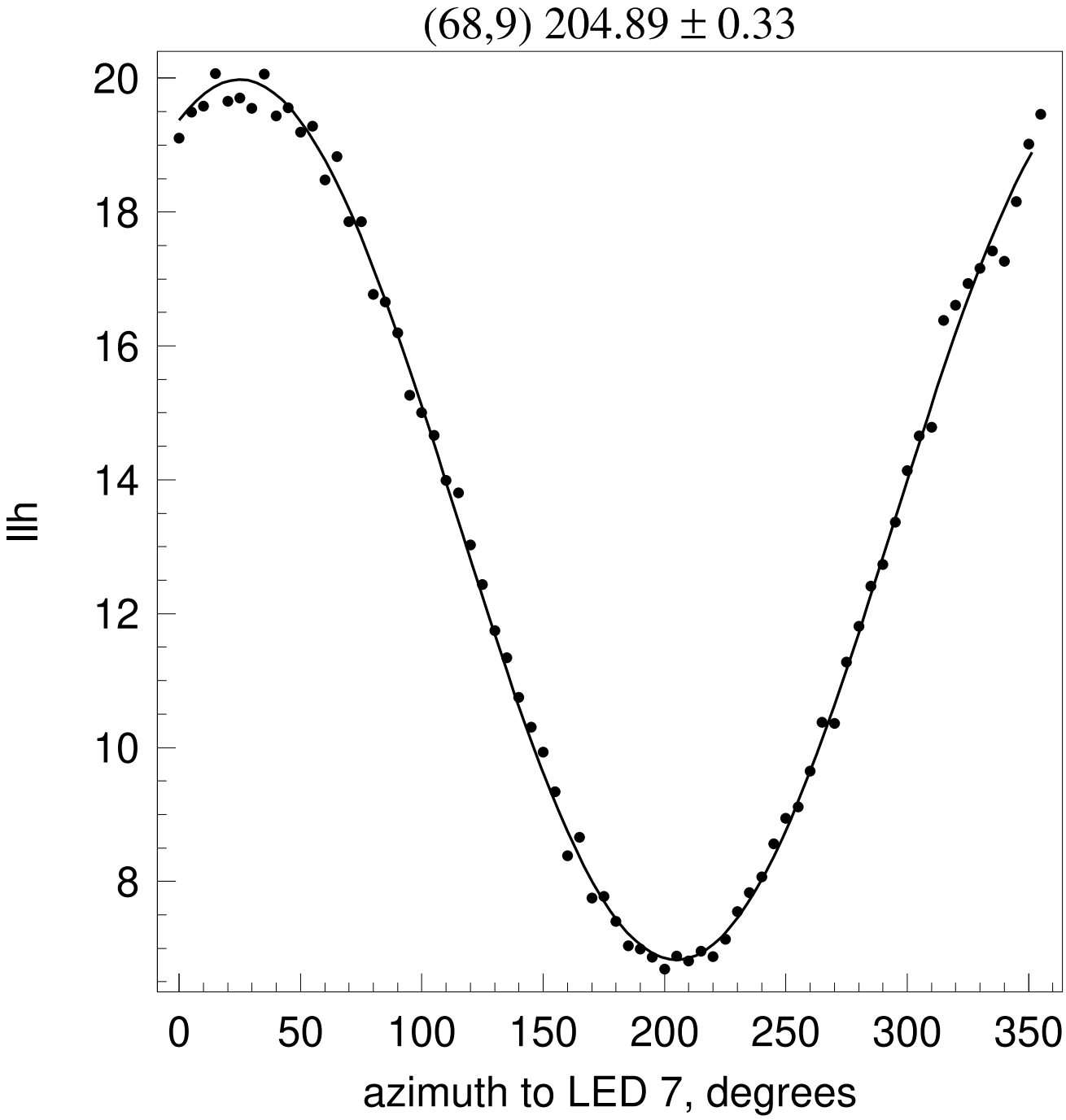

(68,4) 309.63 ± 0.28
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

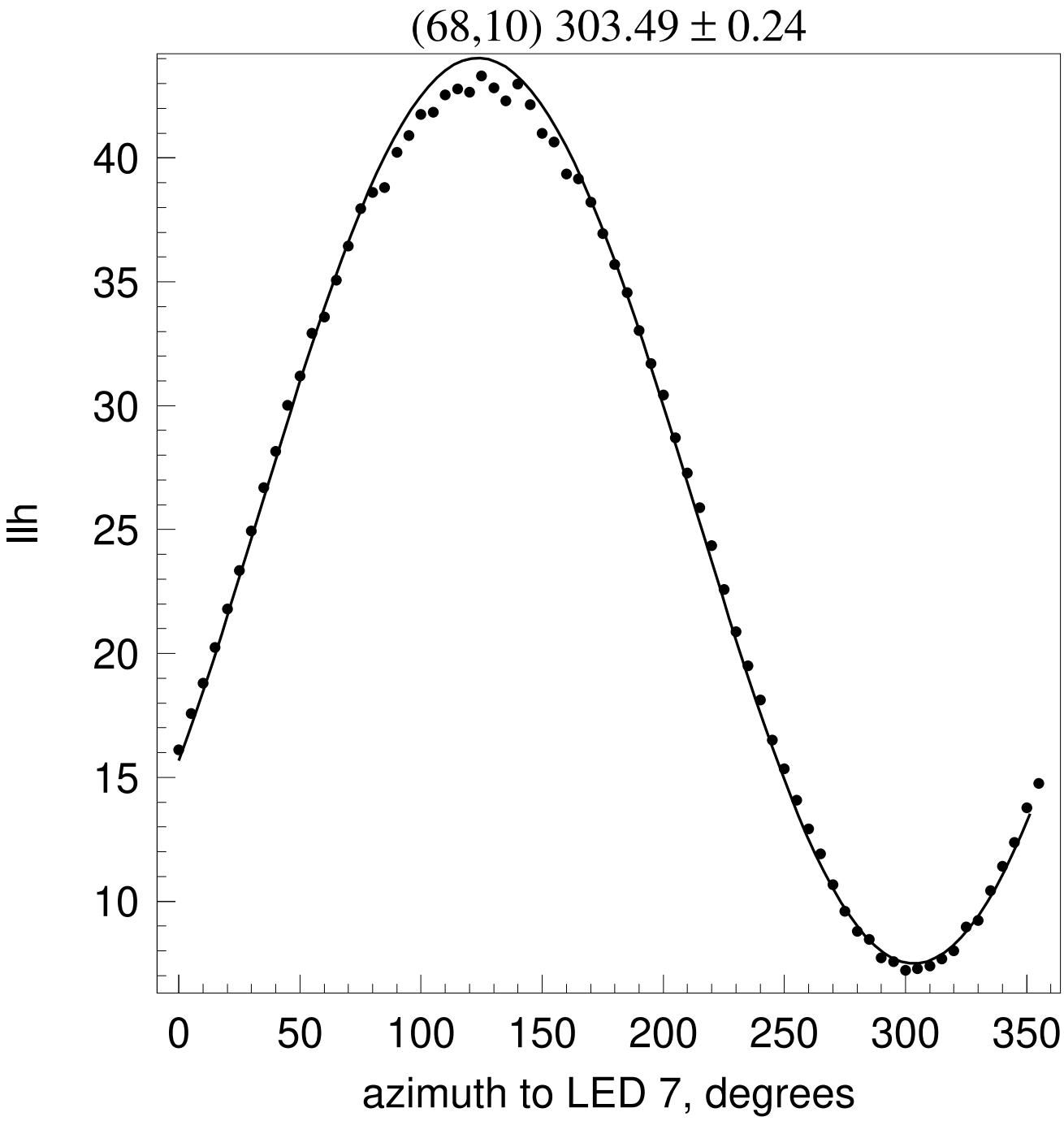

(68,5) 323.27 ± 0.24
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

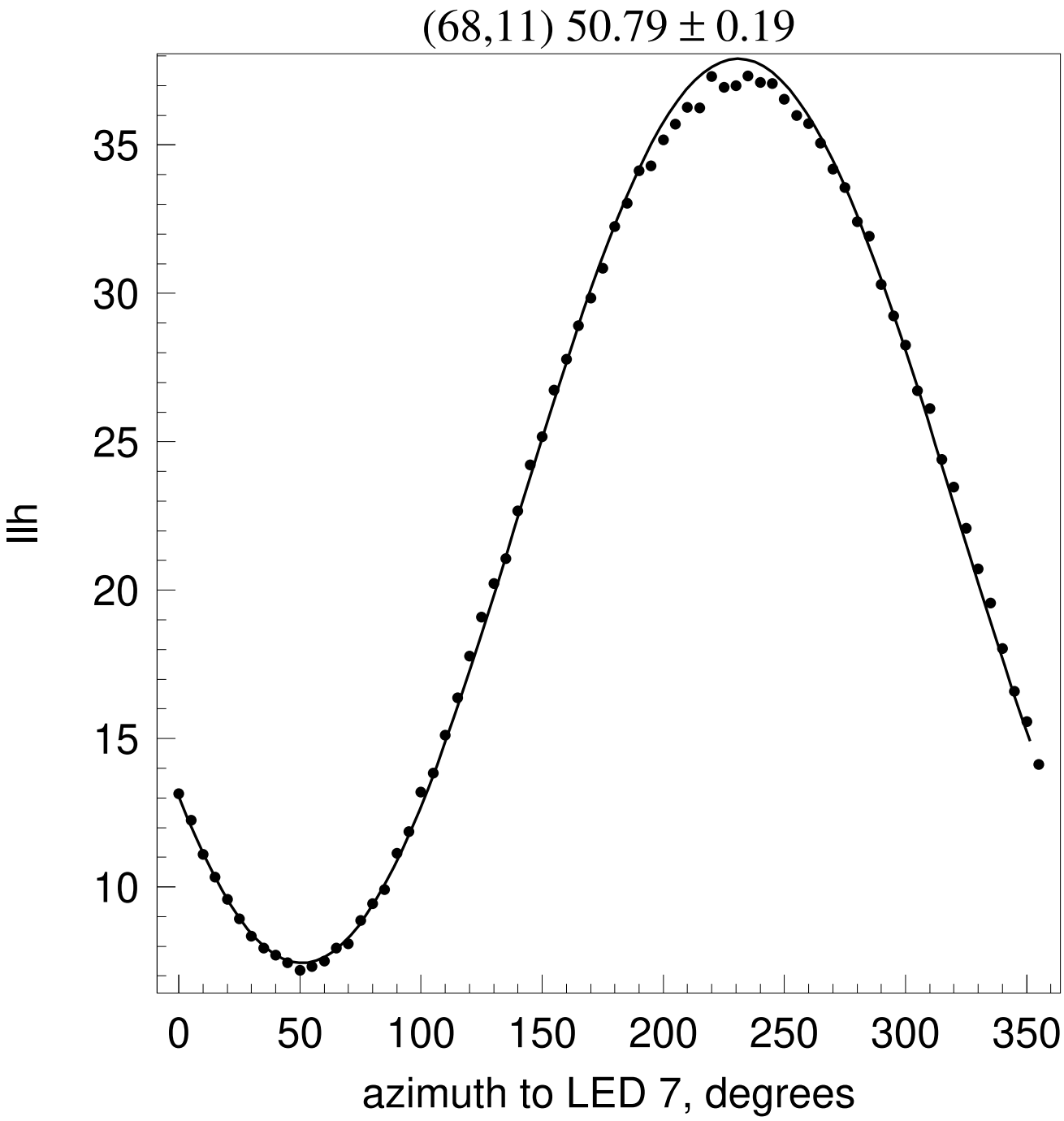

(68,6) 96.50 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

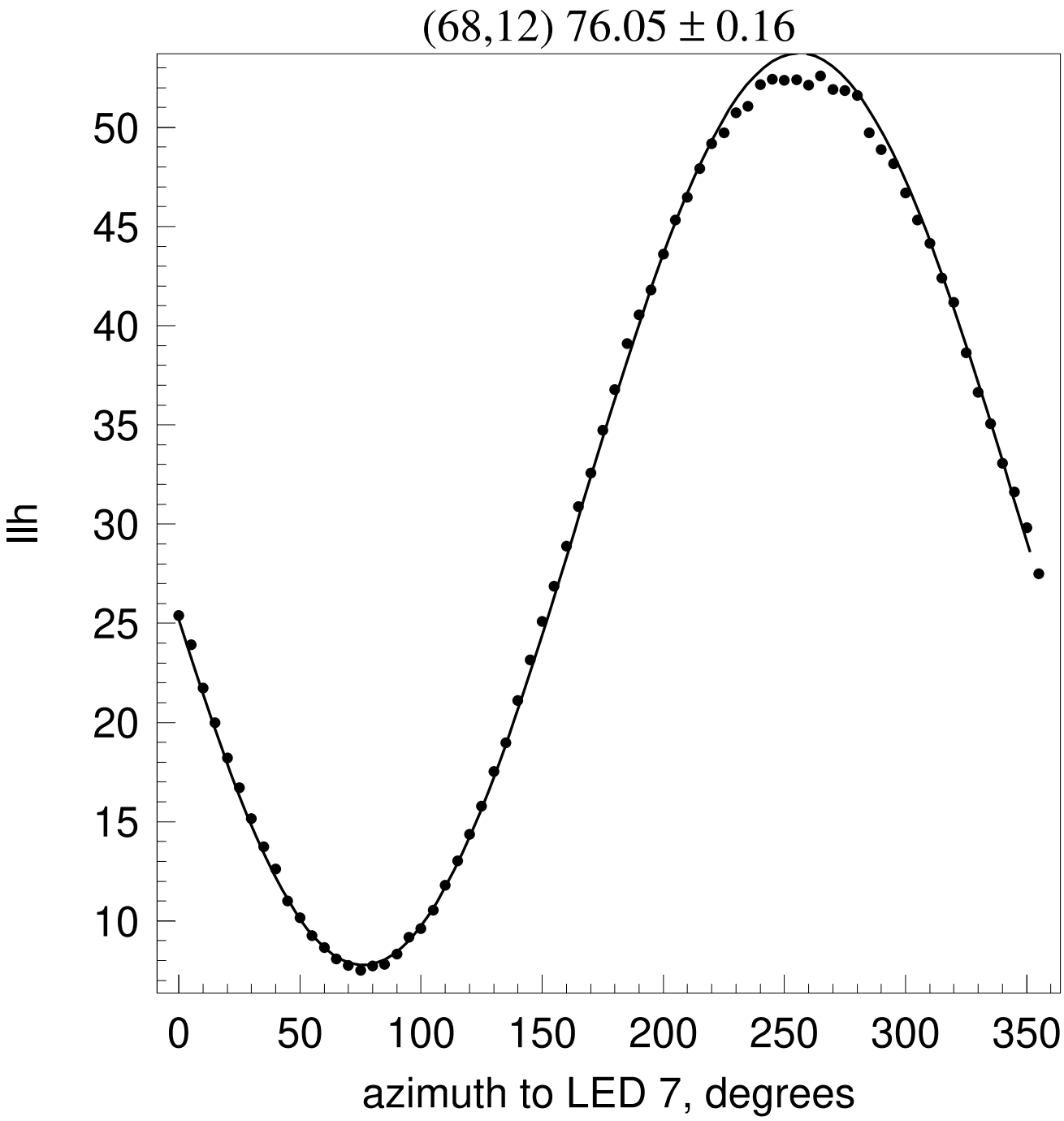

(68,7) 178.55 ± 0.39
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

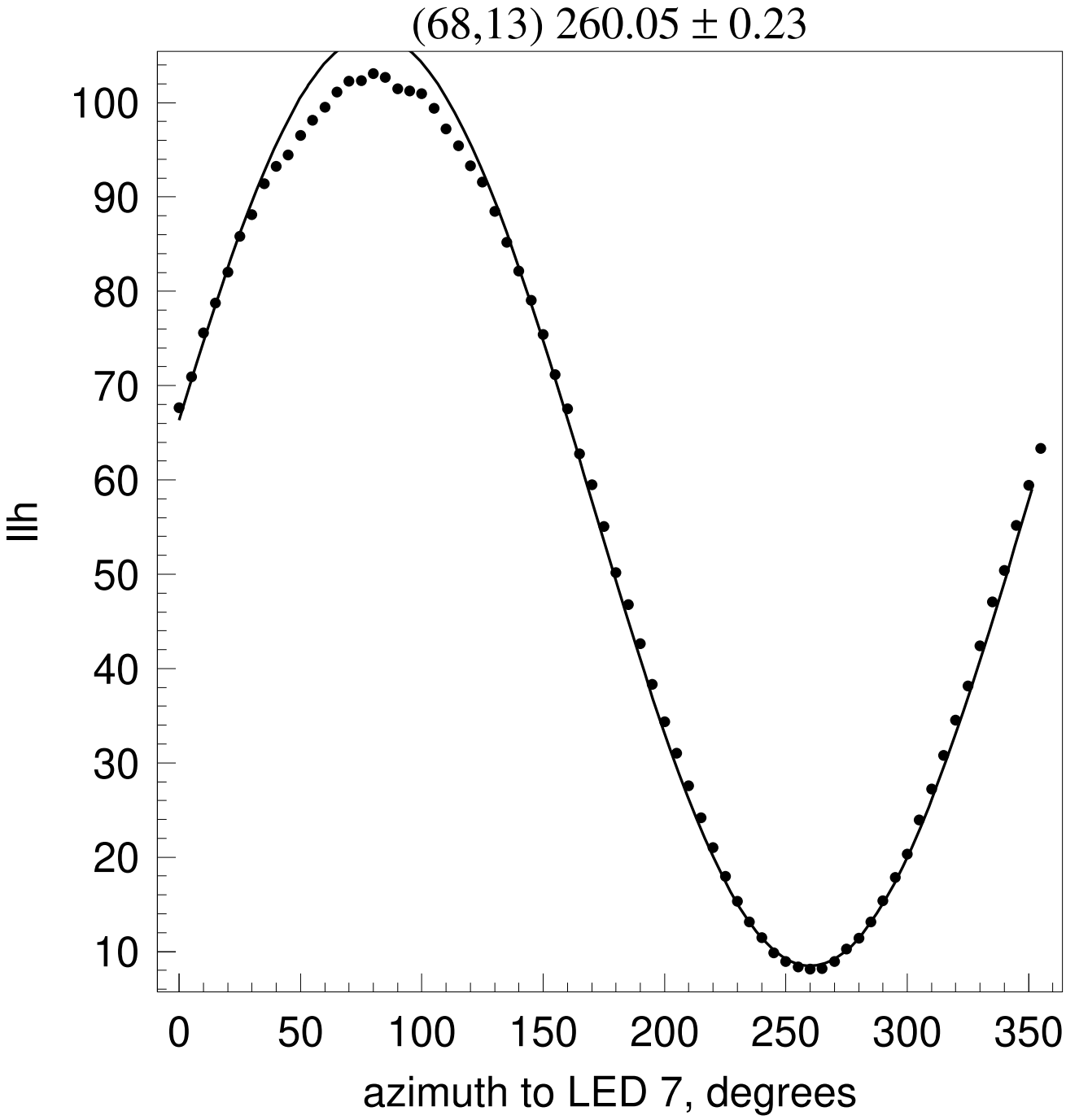

(68,8) 88.15 ± 0.34
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

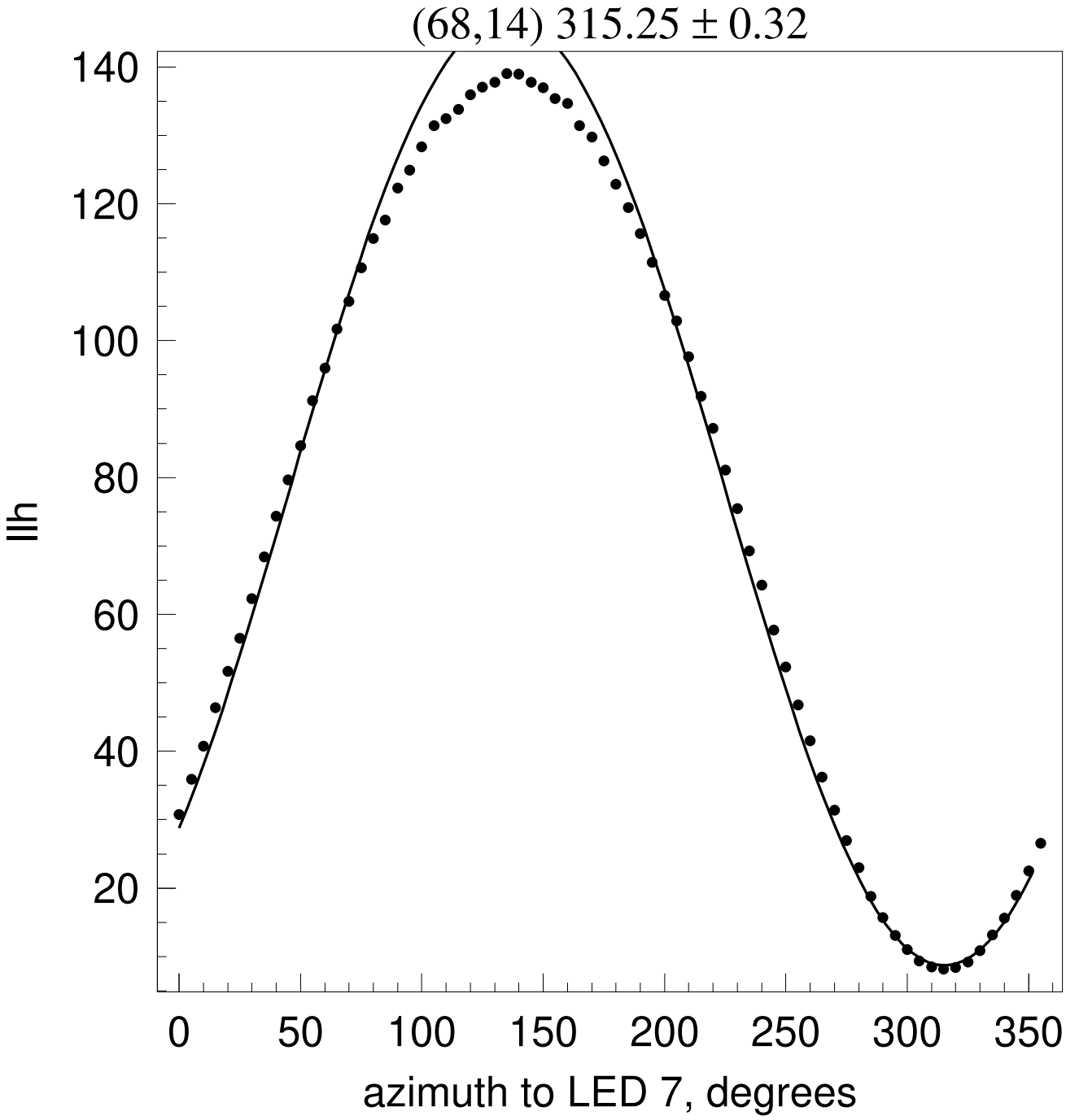

(68,9) 204.89 ± 0.33
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

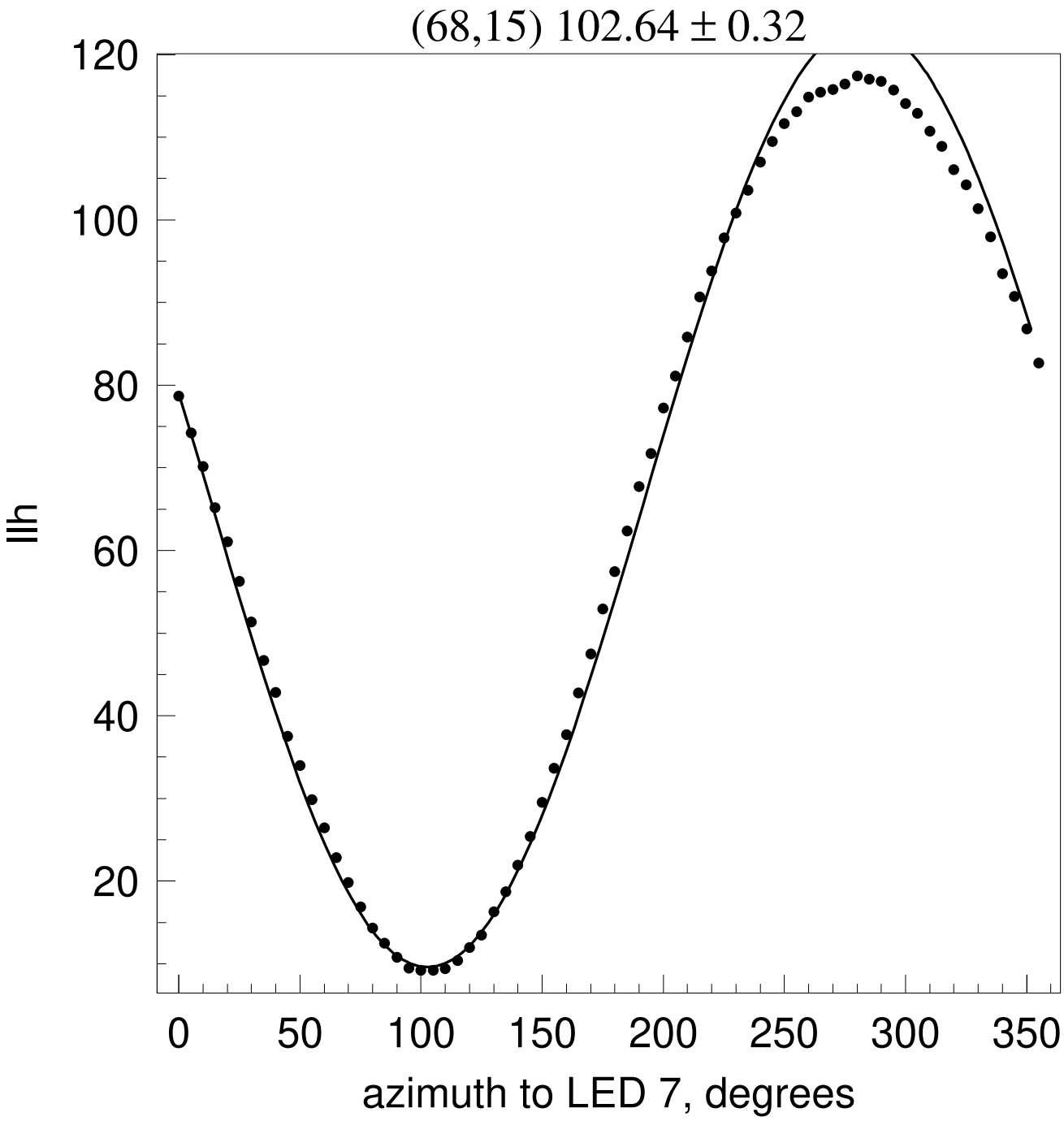

(68,10) 303.49 ± 0.24
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

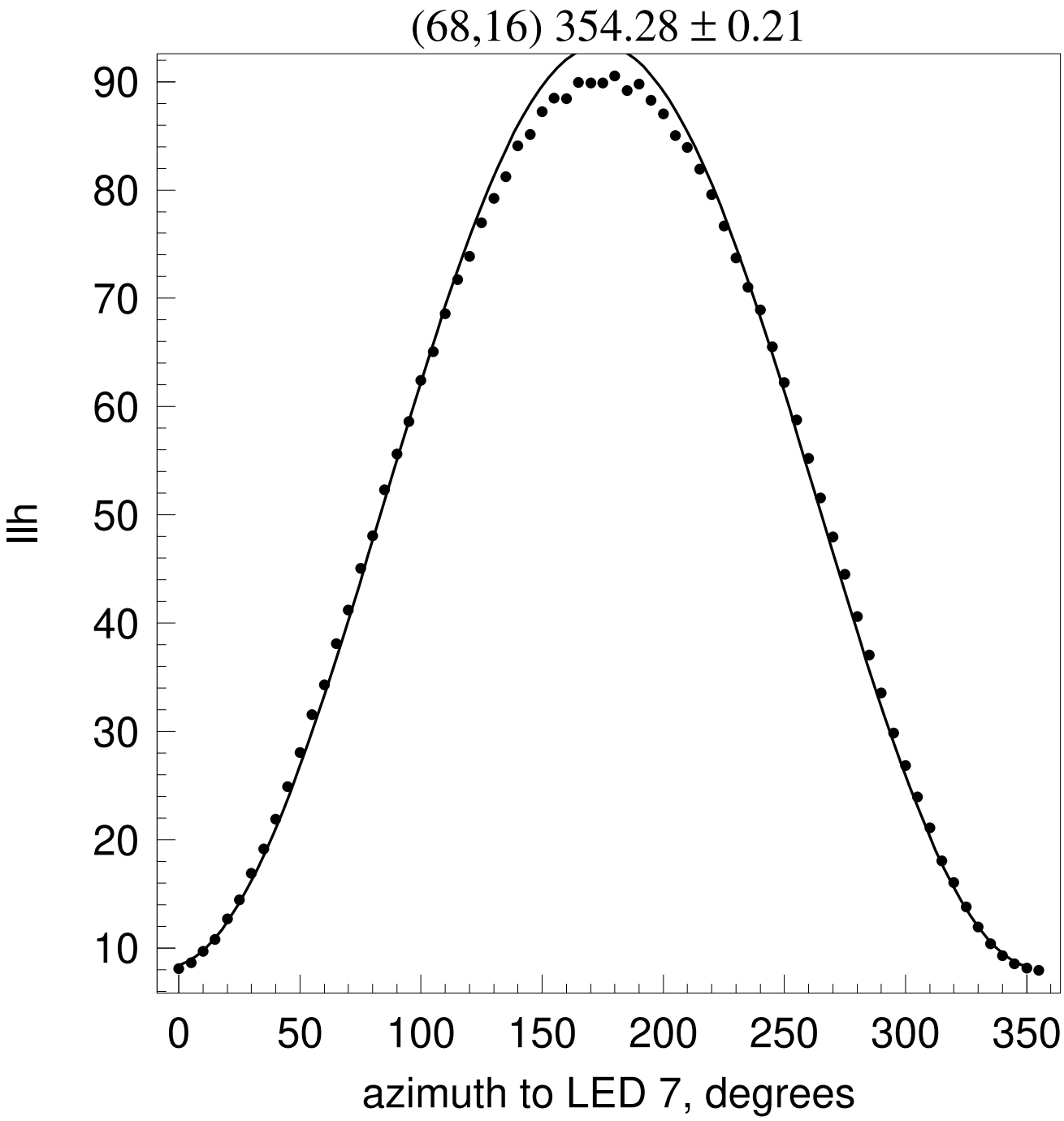

(68,11) 50.79 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

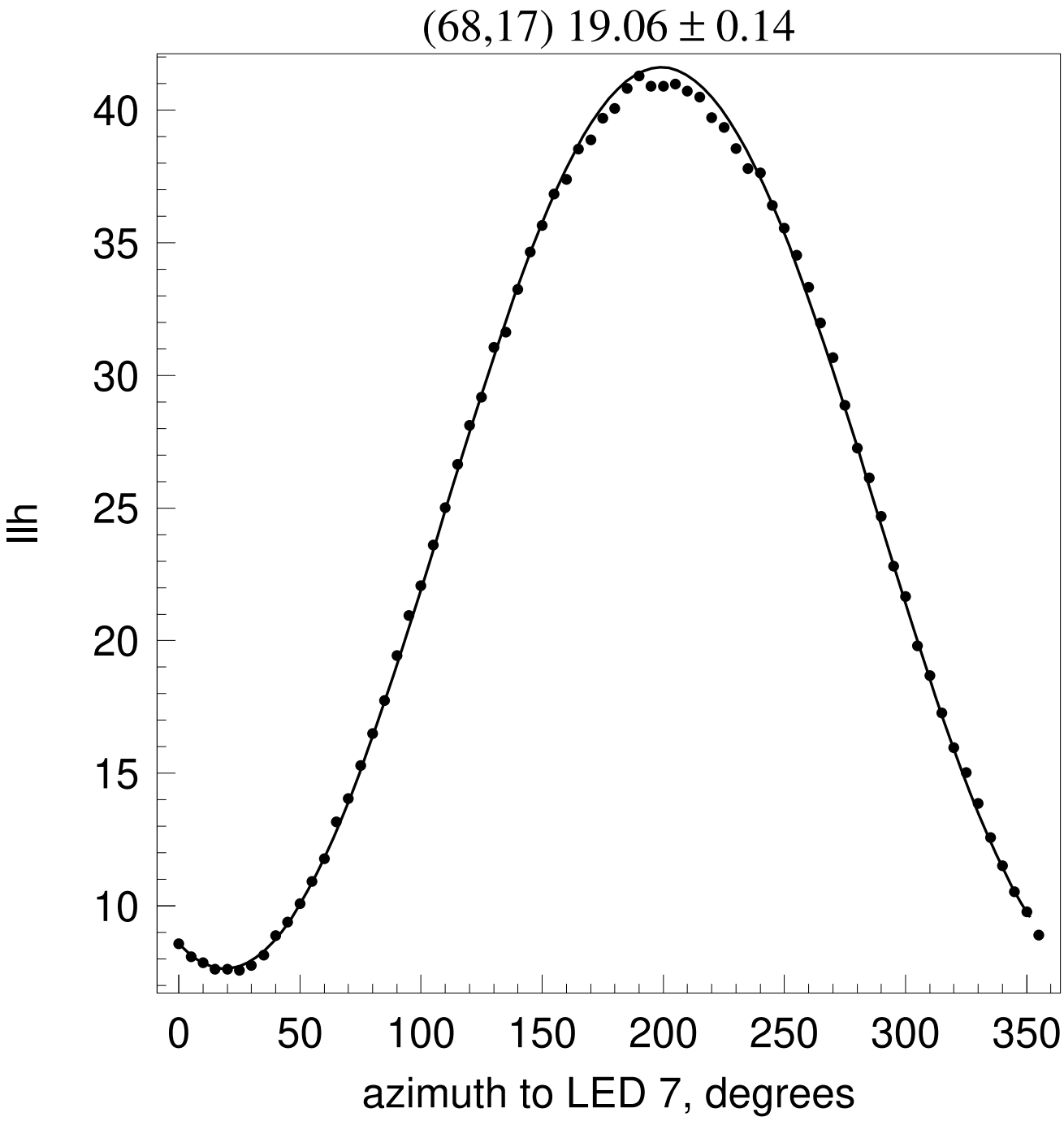

(68,12) 76.05 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

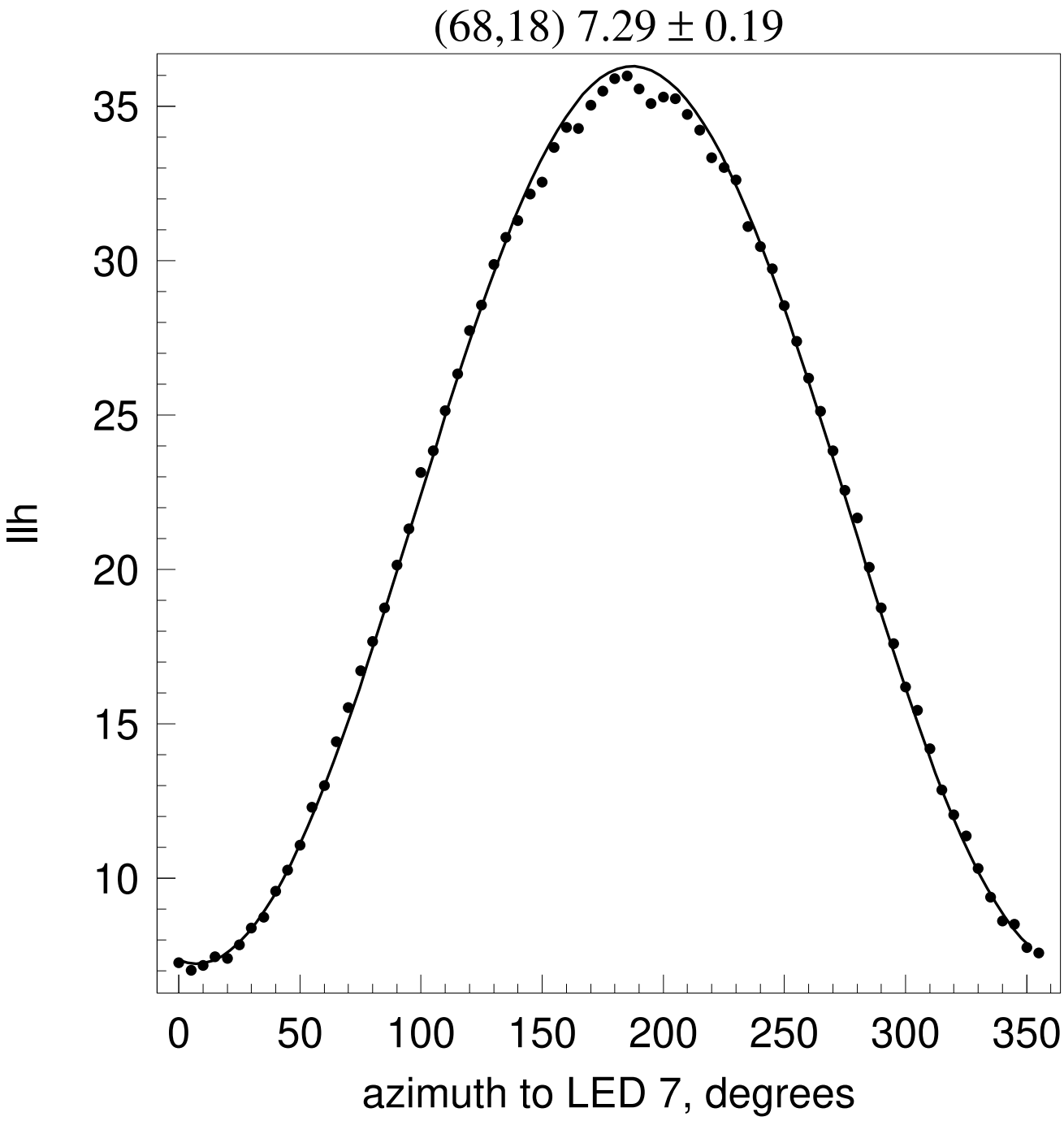

(68,13) 260.05 ± 0.23
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

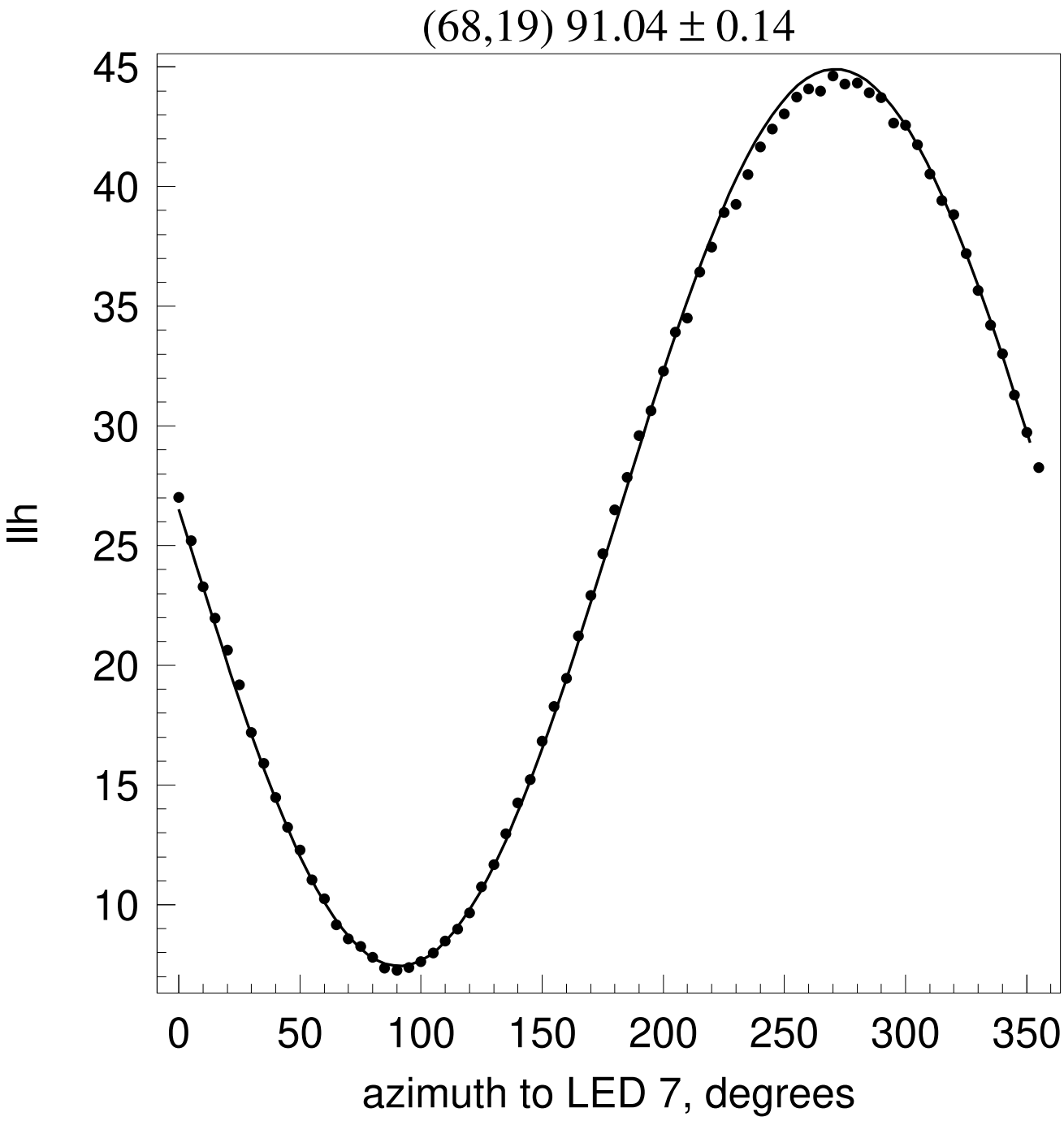

(68,14) 315.25 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

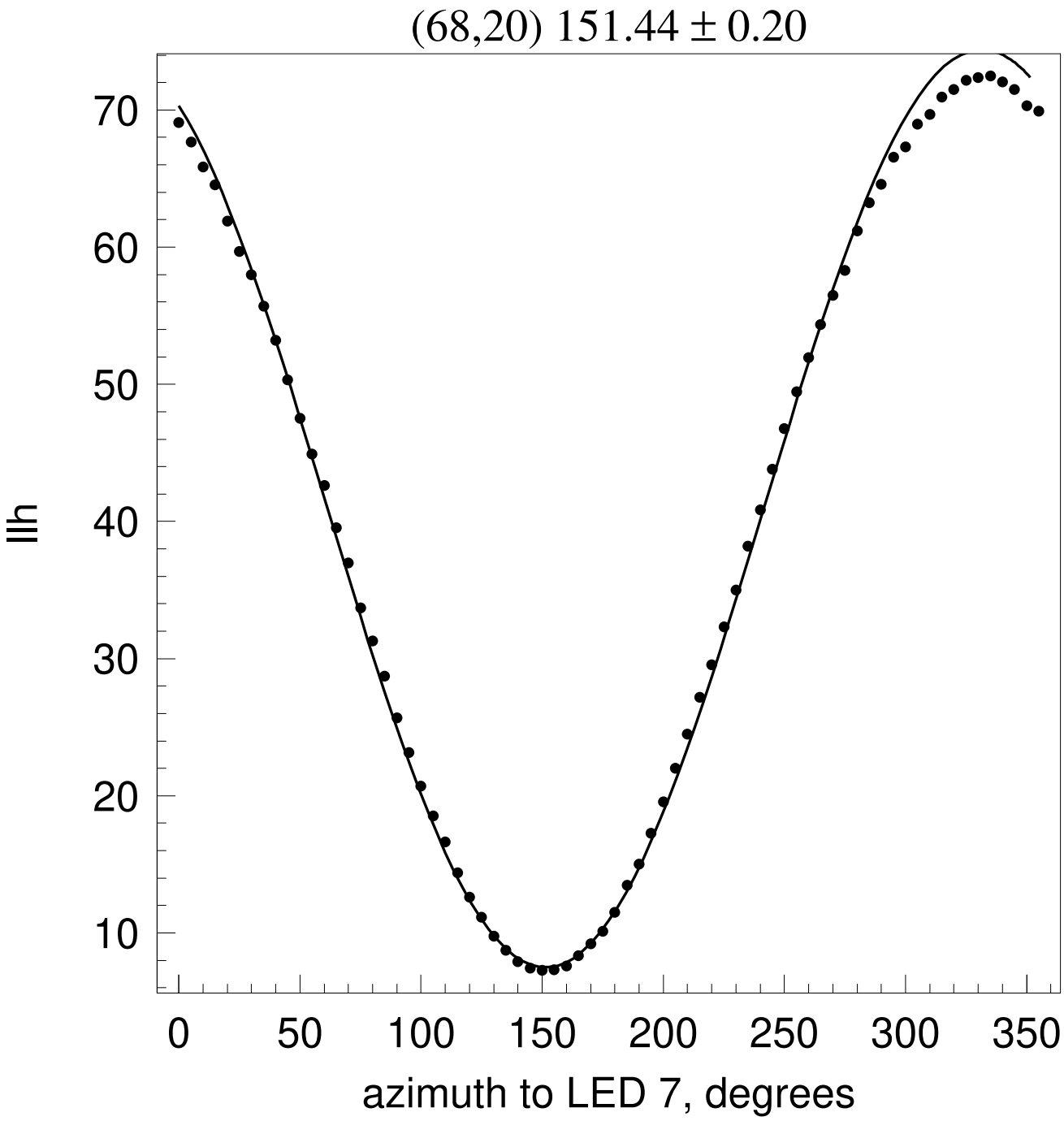

(68,15) 102.64 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

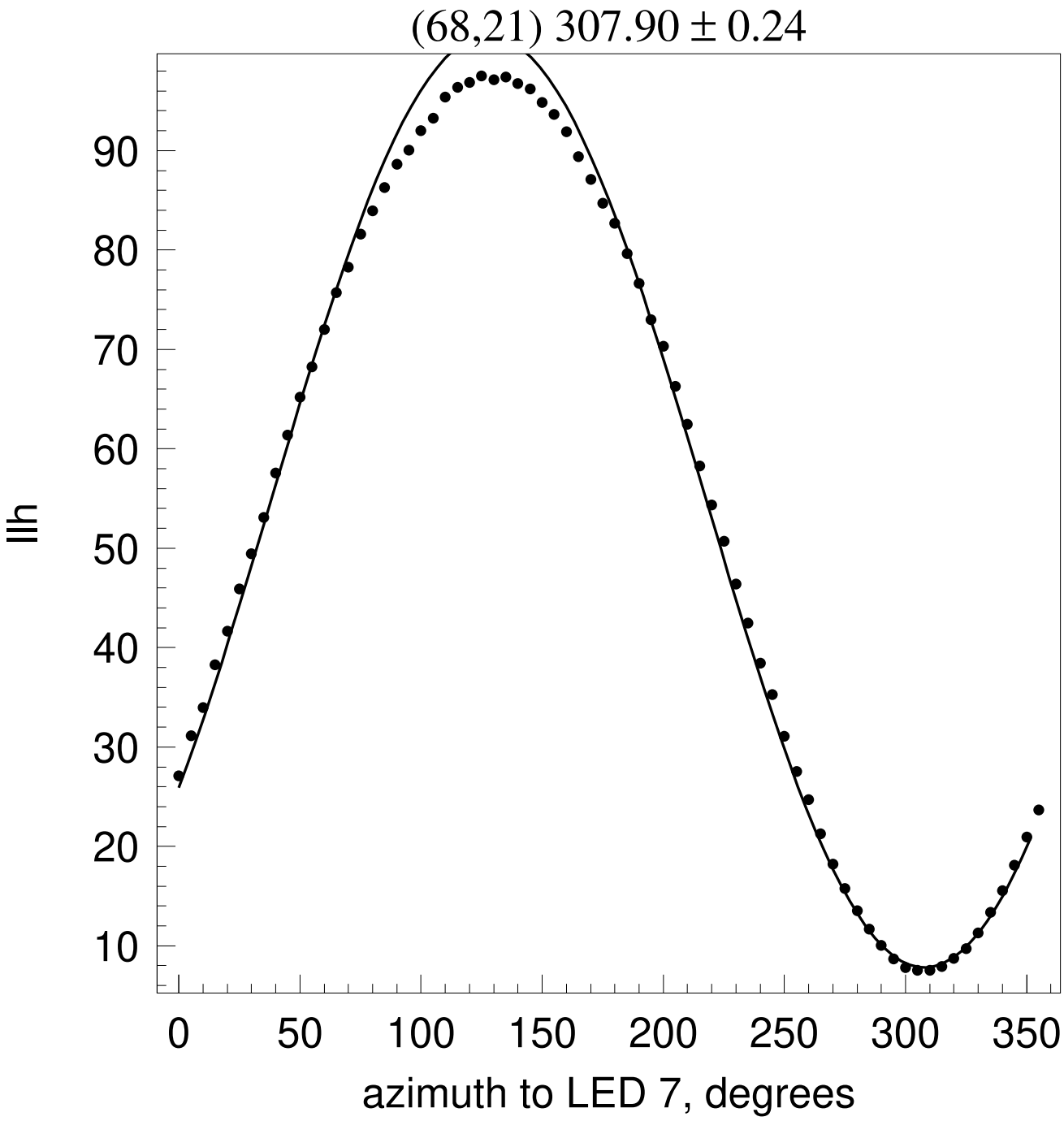

(68,16) 354.28 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

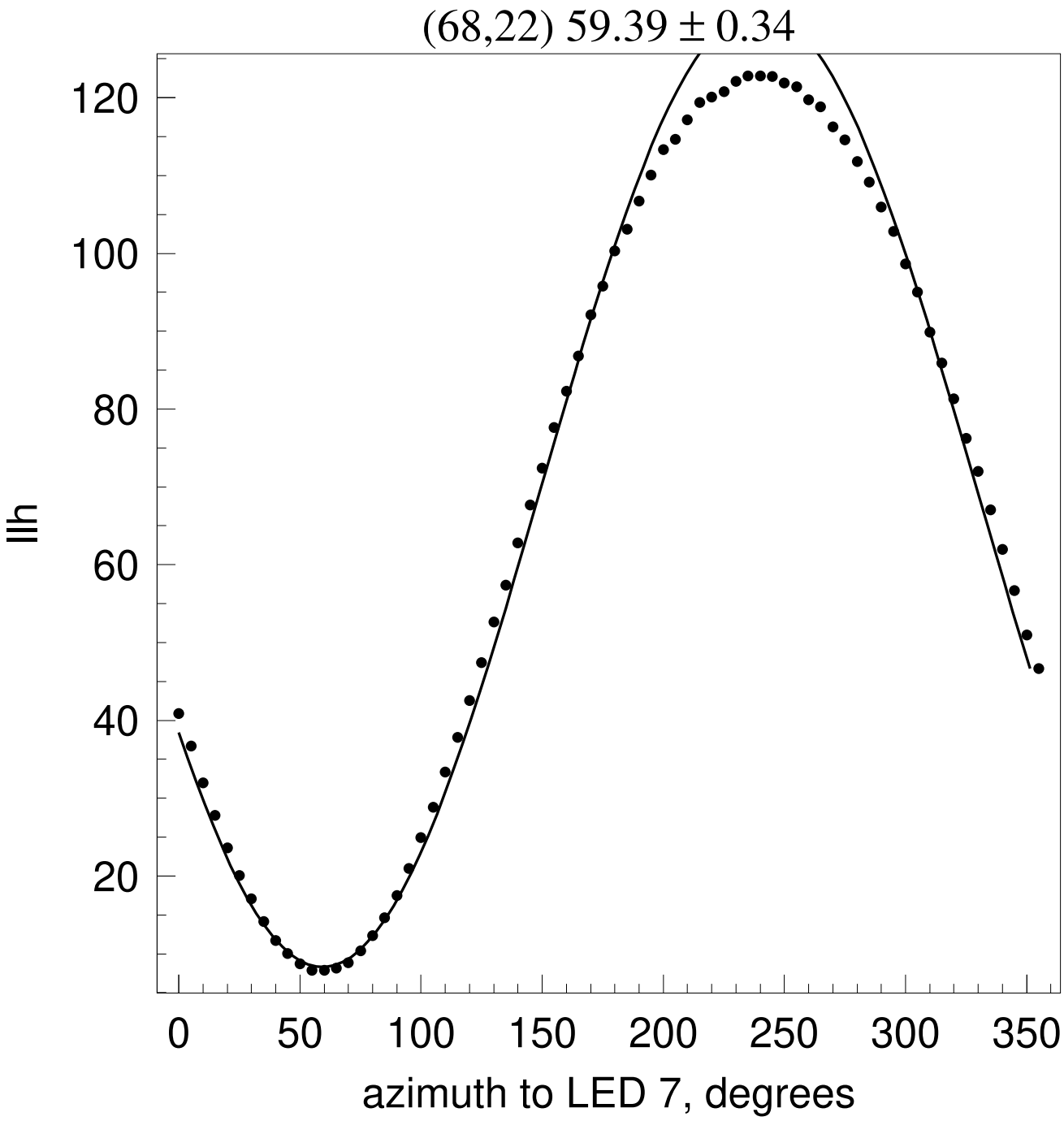

(68,17) 19.06 ± 0.14
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

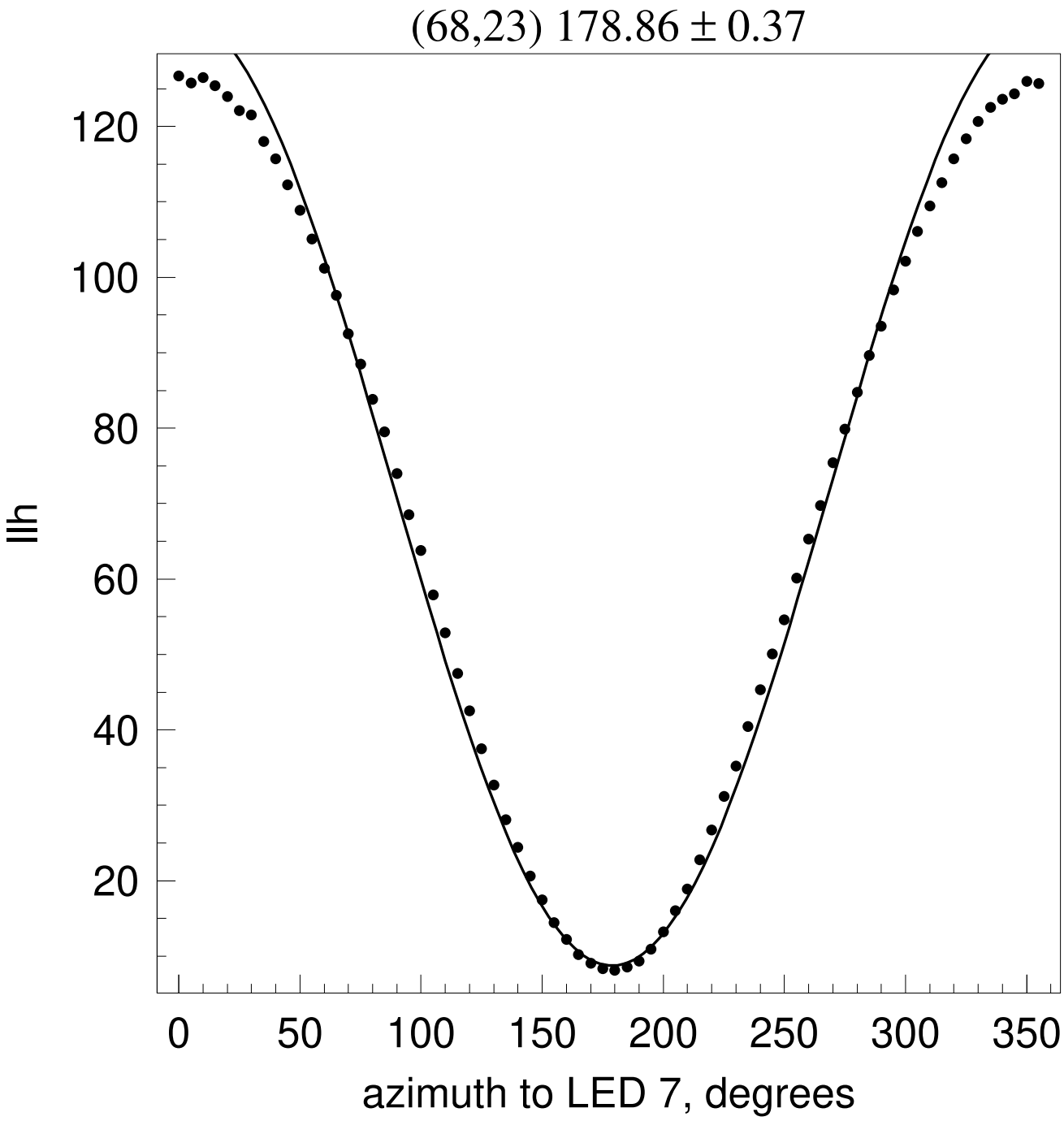

(68,18) 7.29 ± 0.19
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

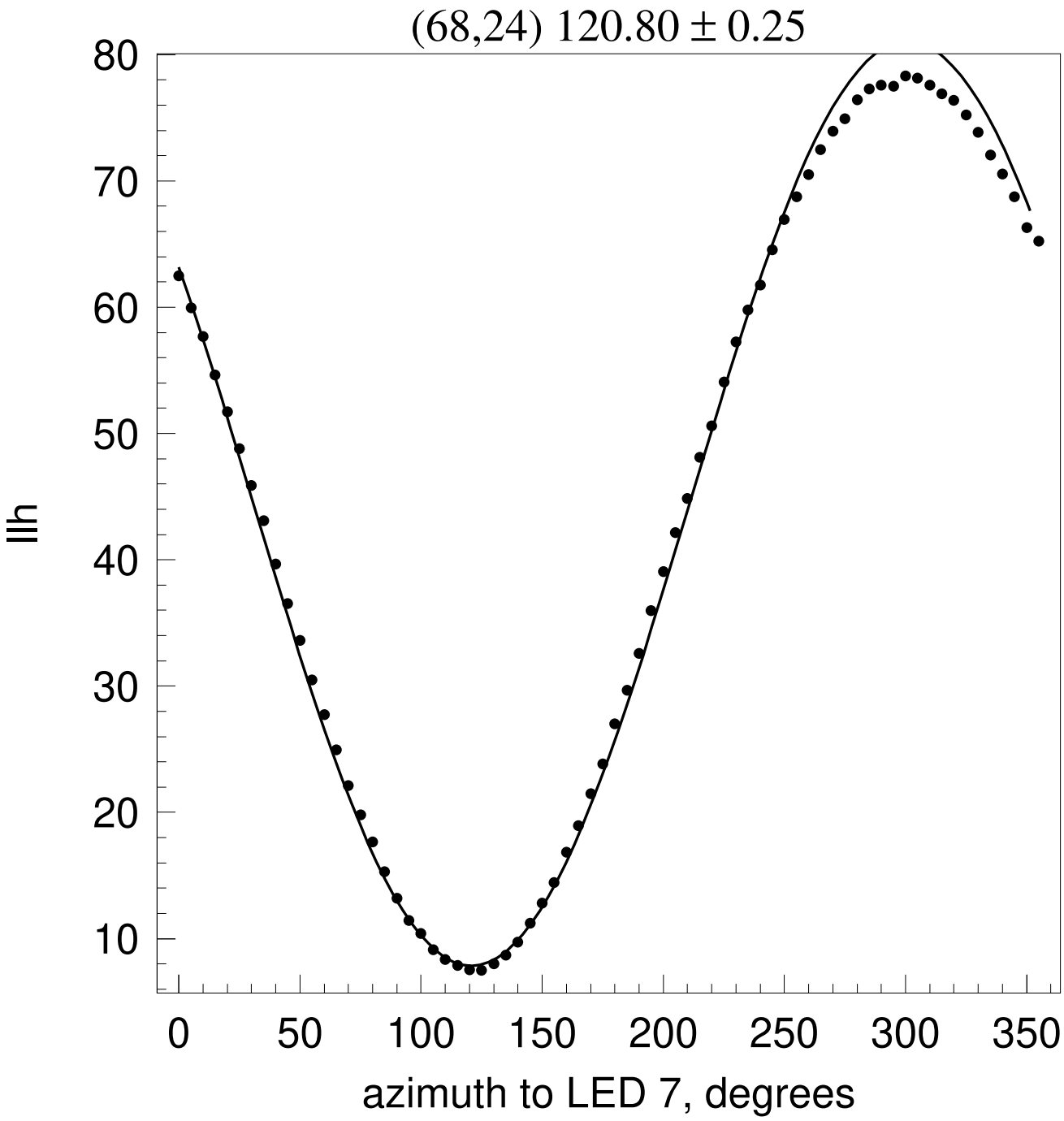

(68,19) 91.04 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

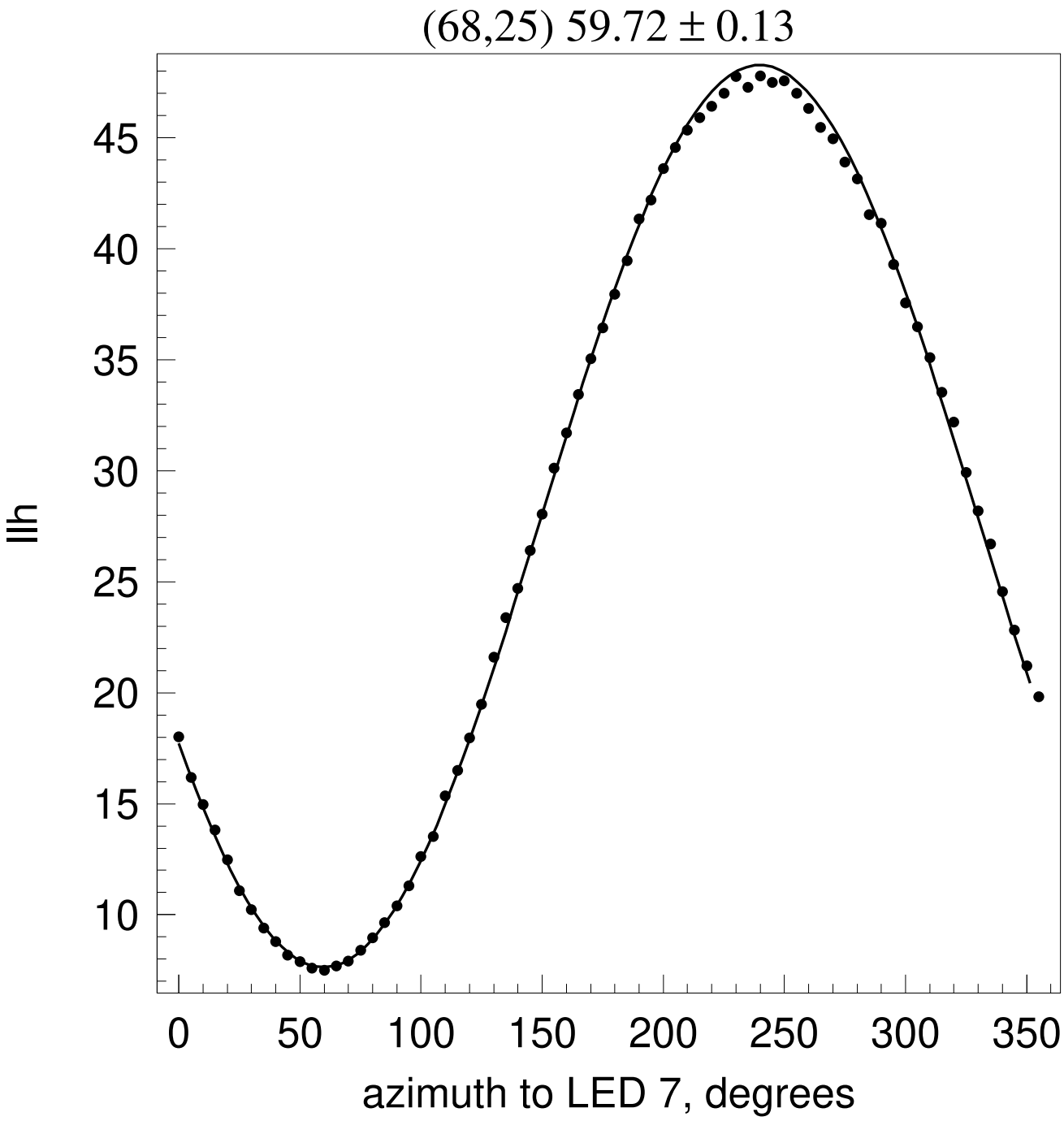

(68,20) 151.44 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

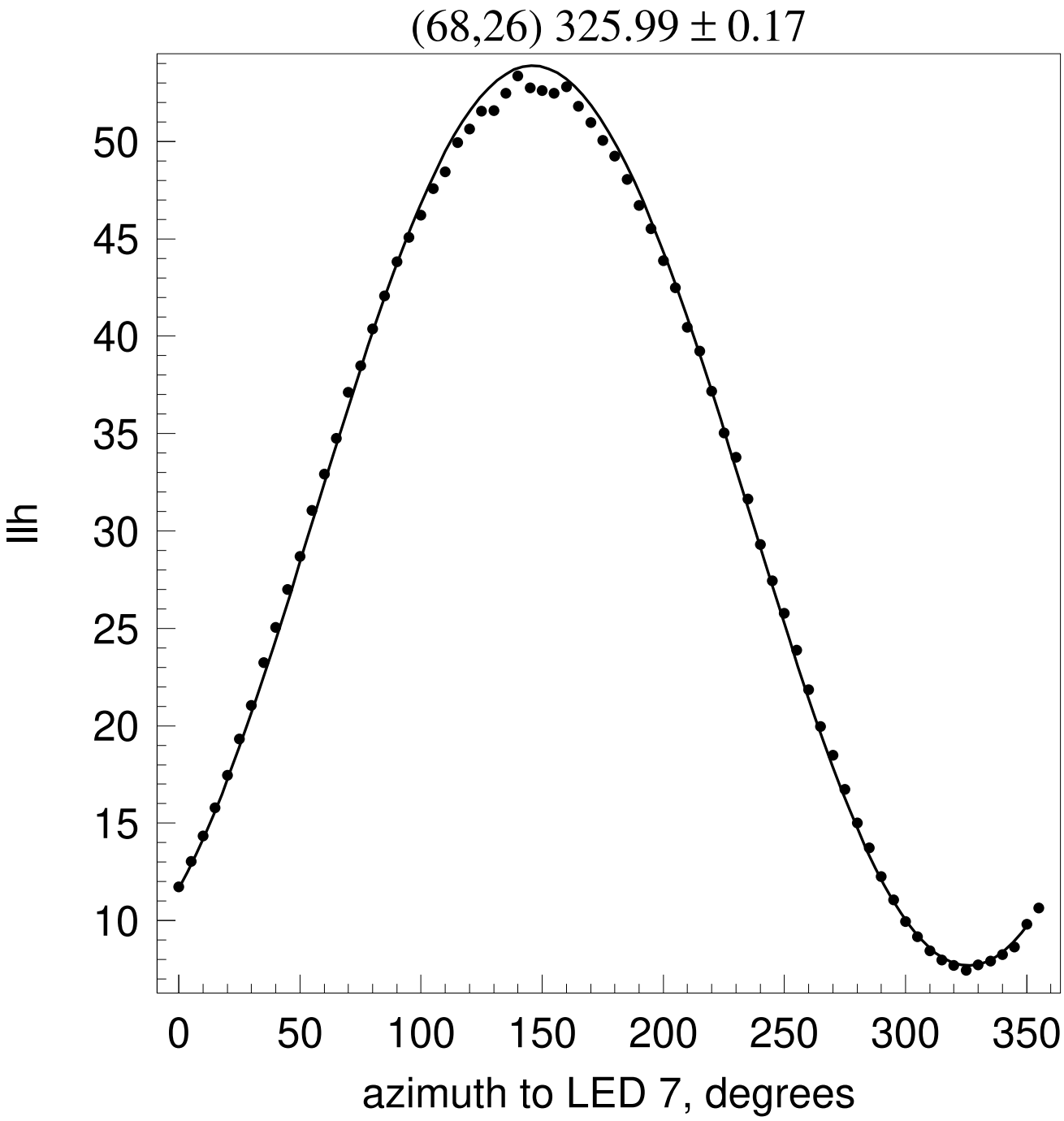

(68,21) 307.90 ± 0.24
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

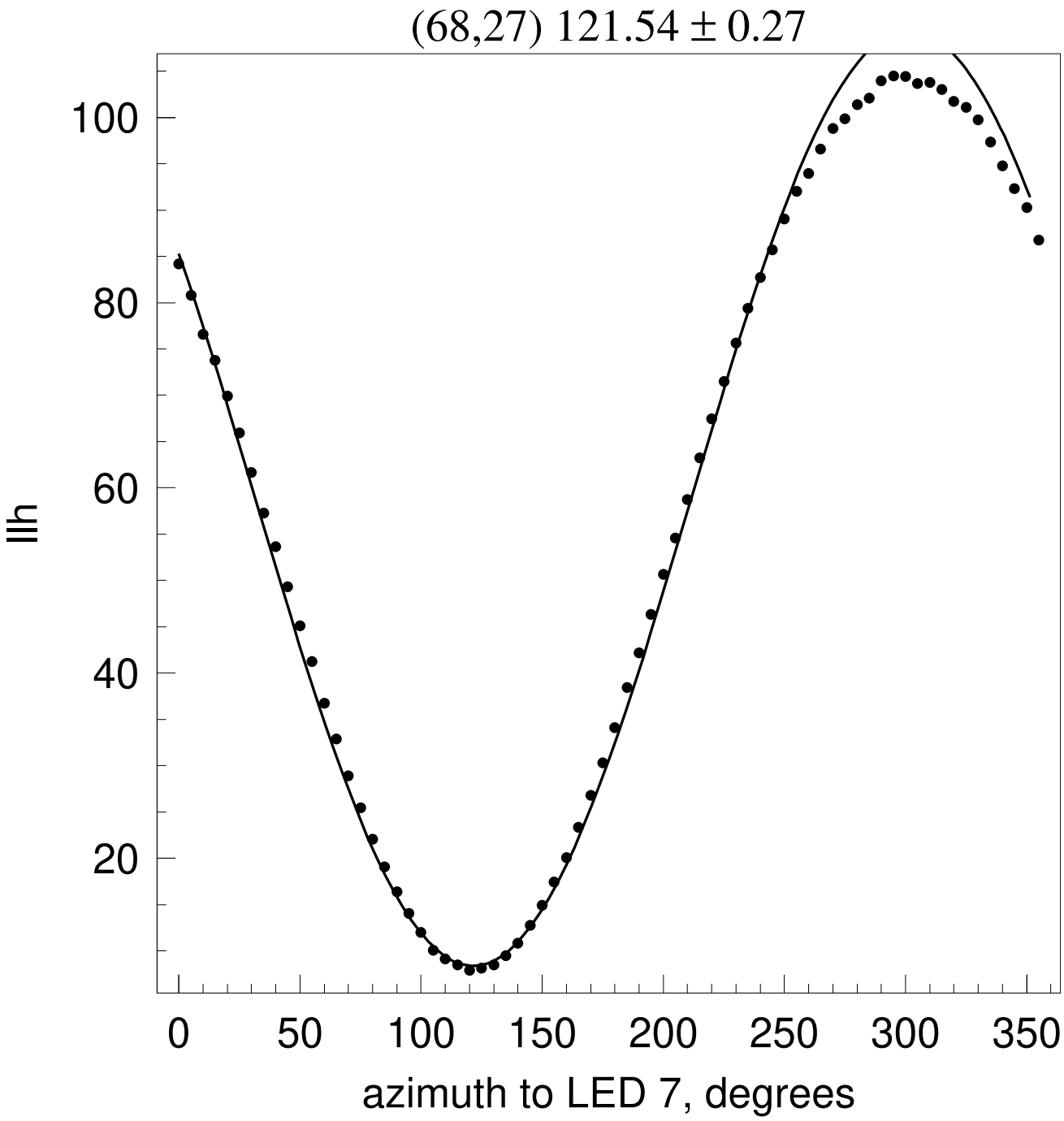

(68,22) 59.39 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

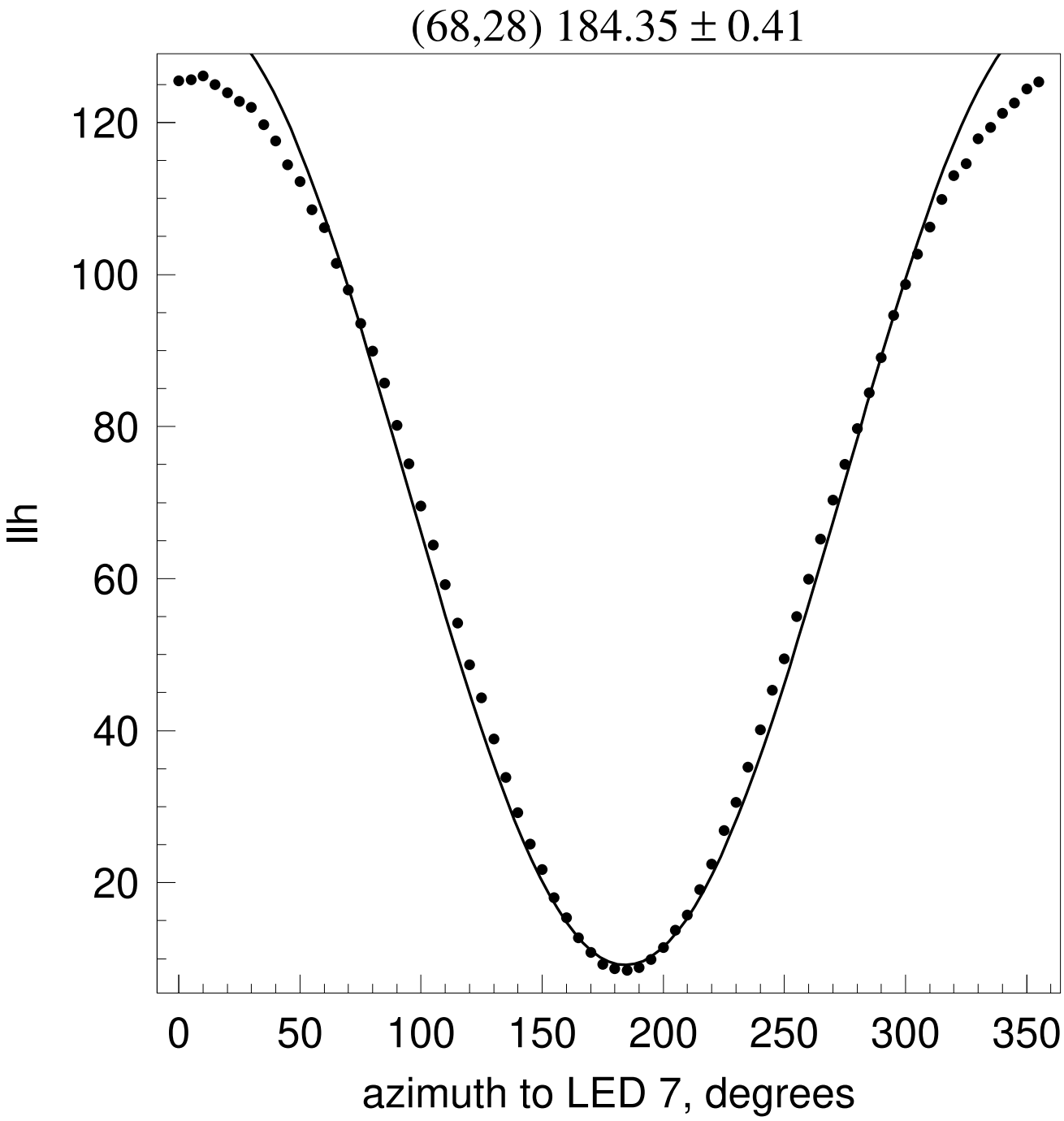

(68,23) 178.86 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

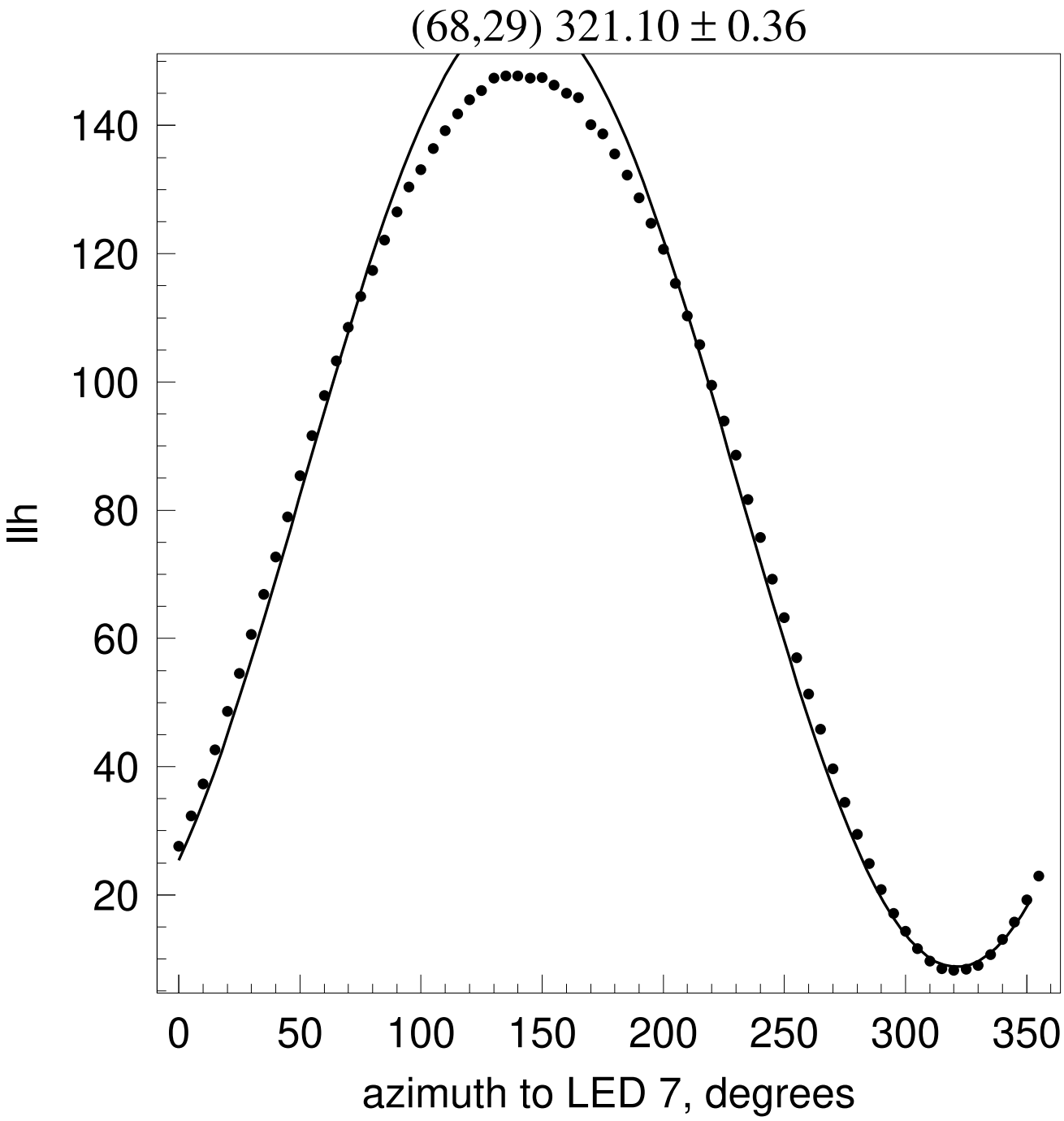

(68,24) 120.80 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

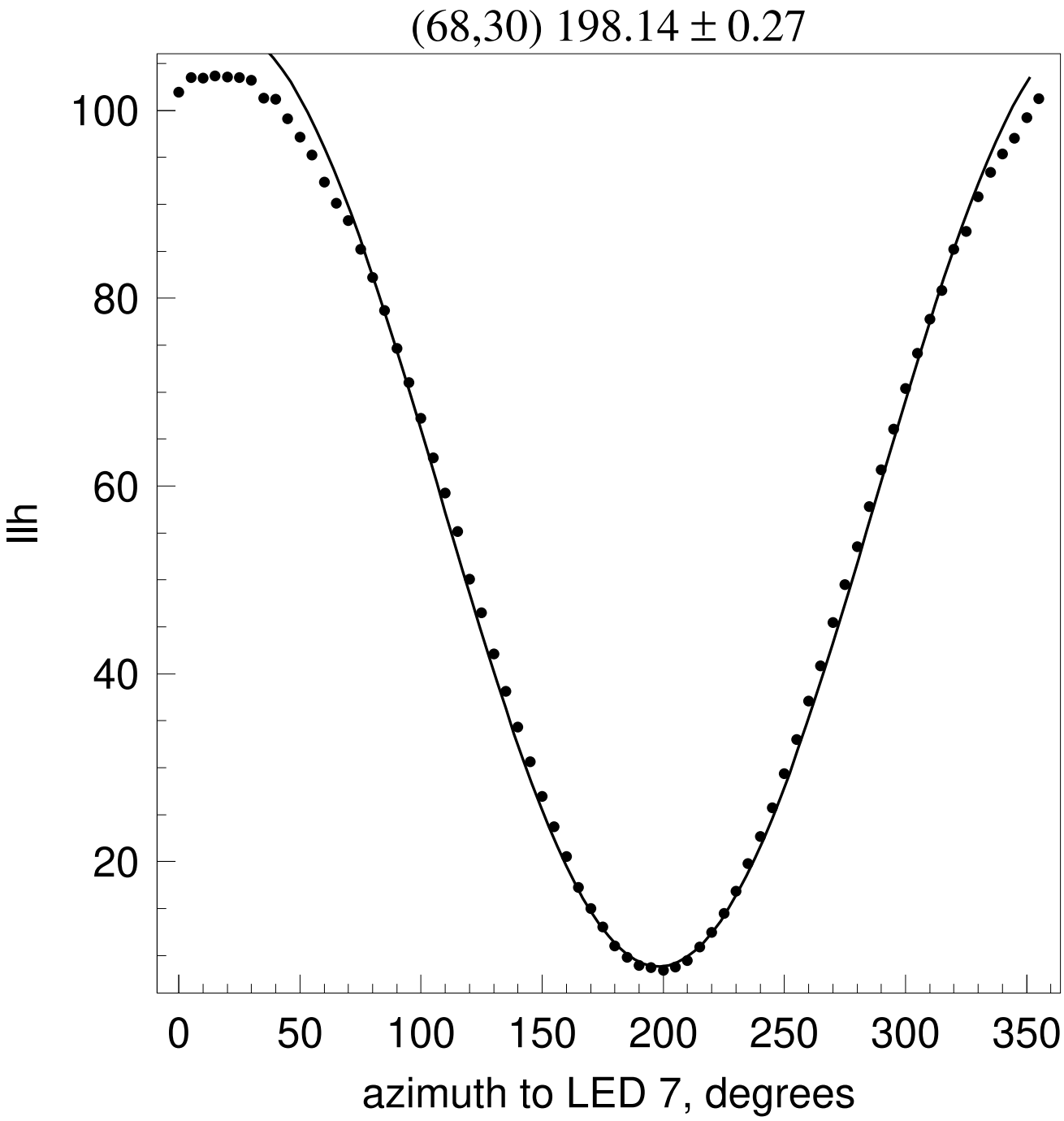

(68,25) 59.72 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

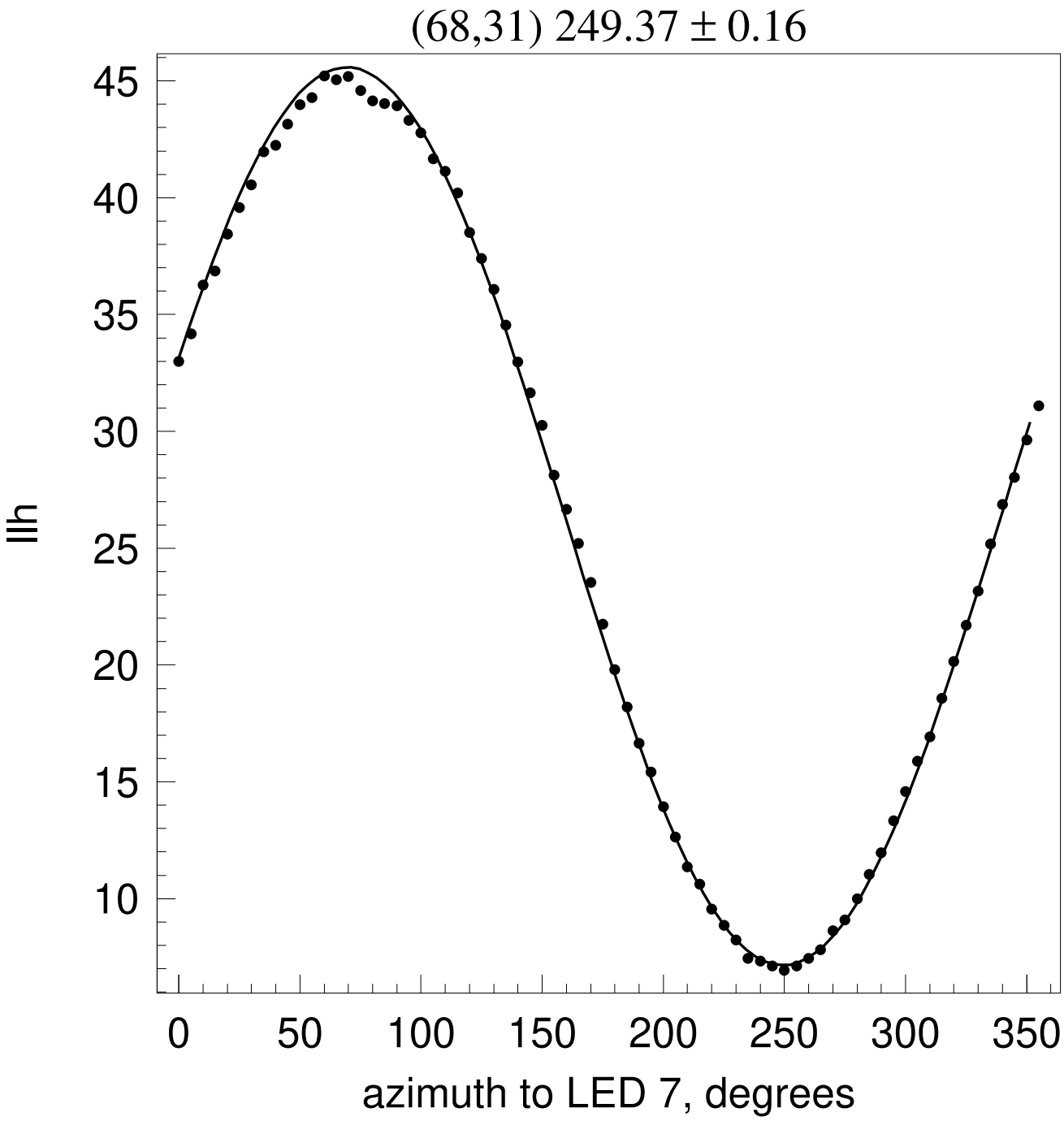

(68,26) 325.99 ± 0.17
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

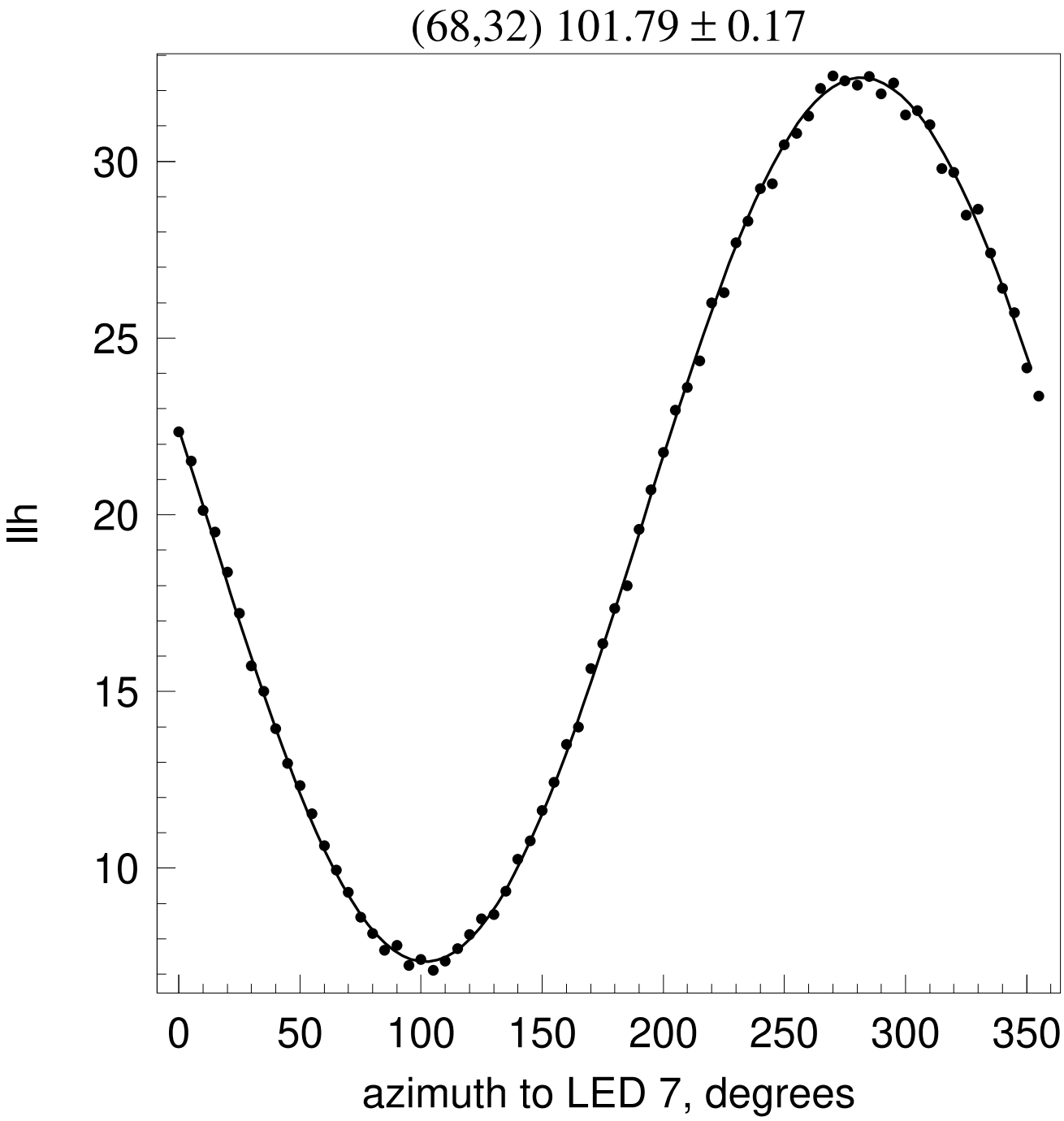

(68,27) 121.54 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

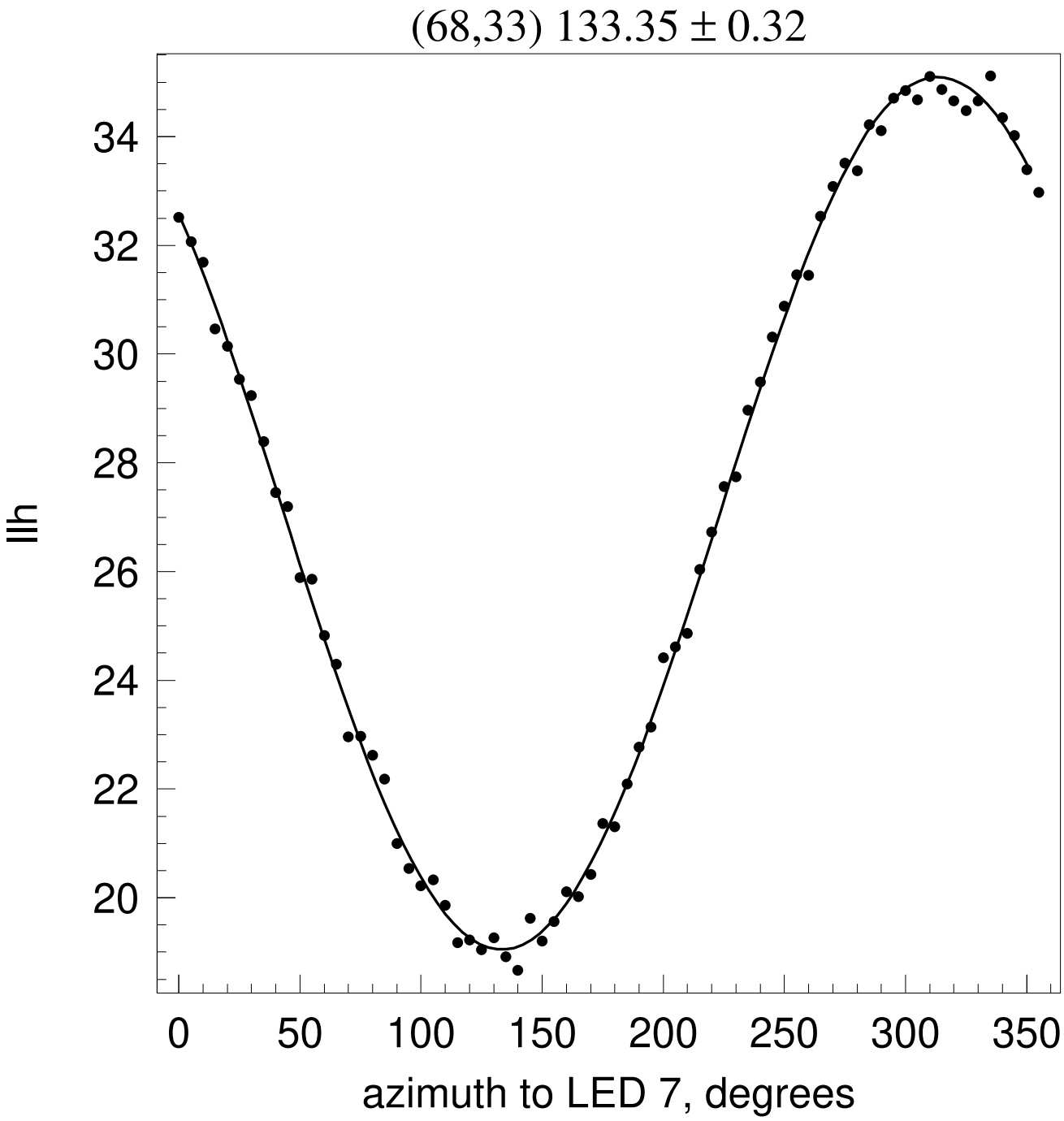

(68,28) 184.35 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

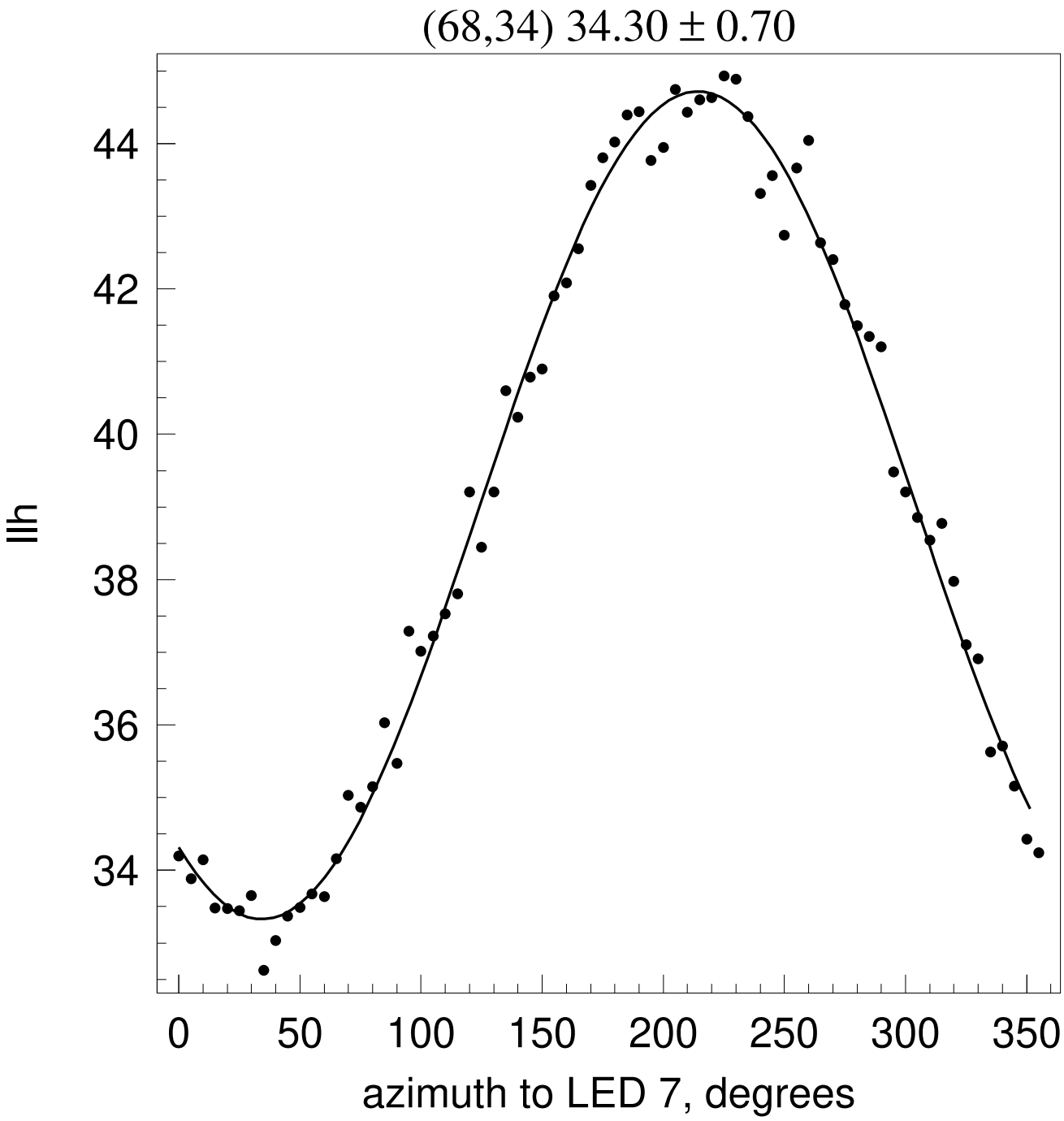

(68,29) 321.10 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

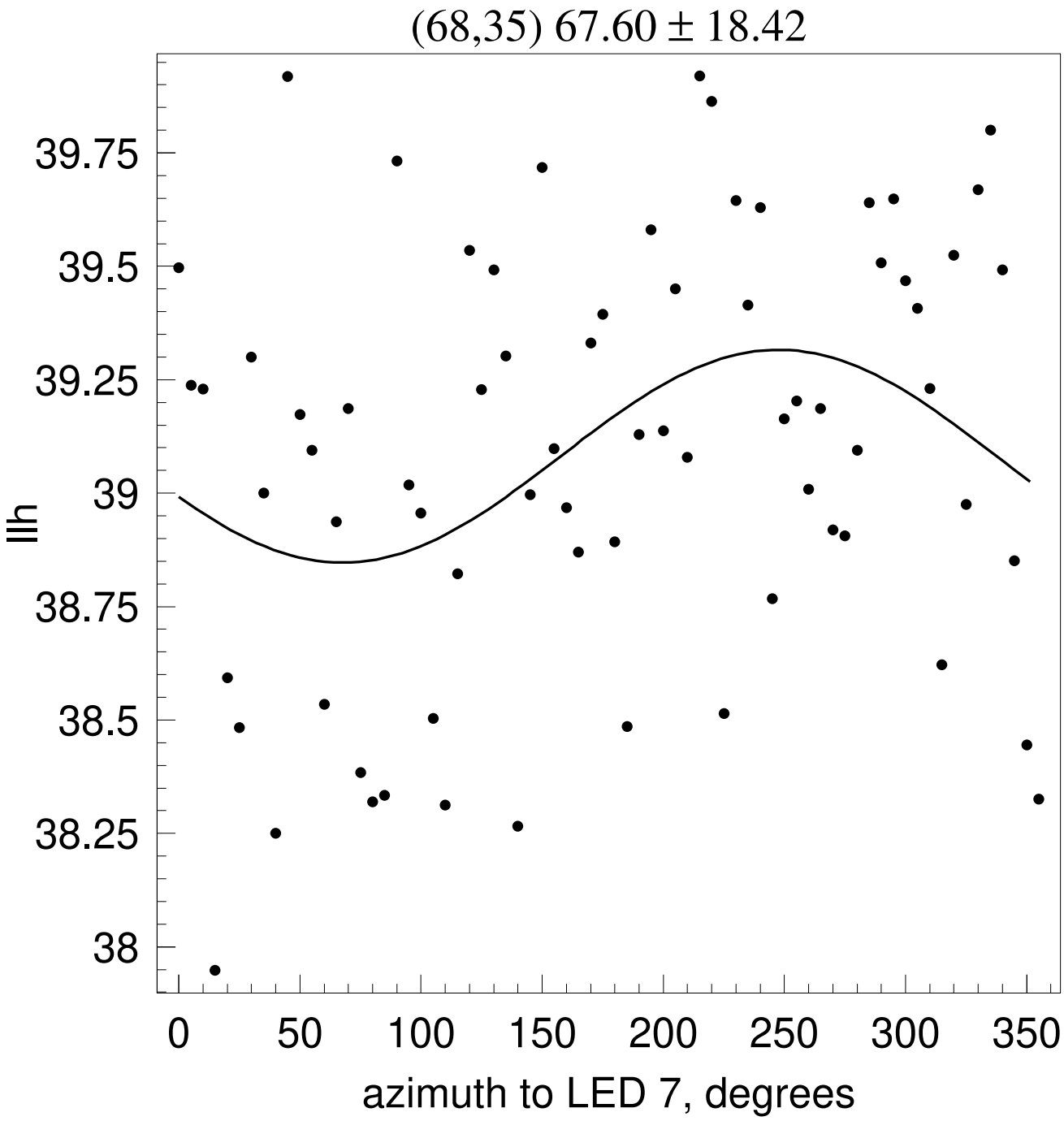

(68,30) 198.14 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

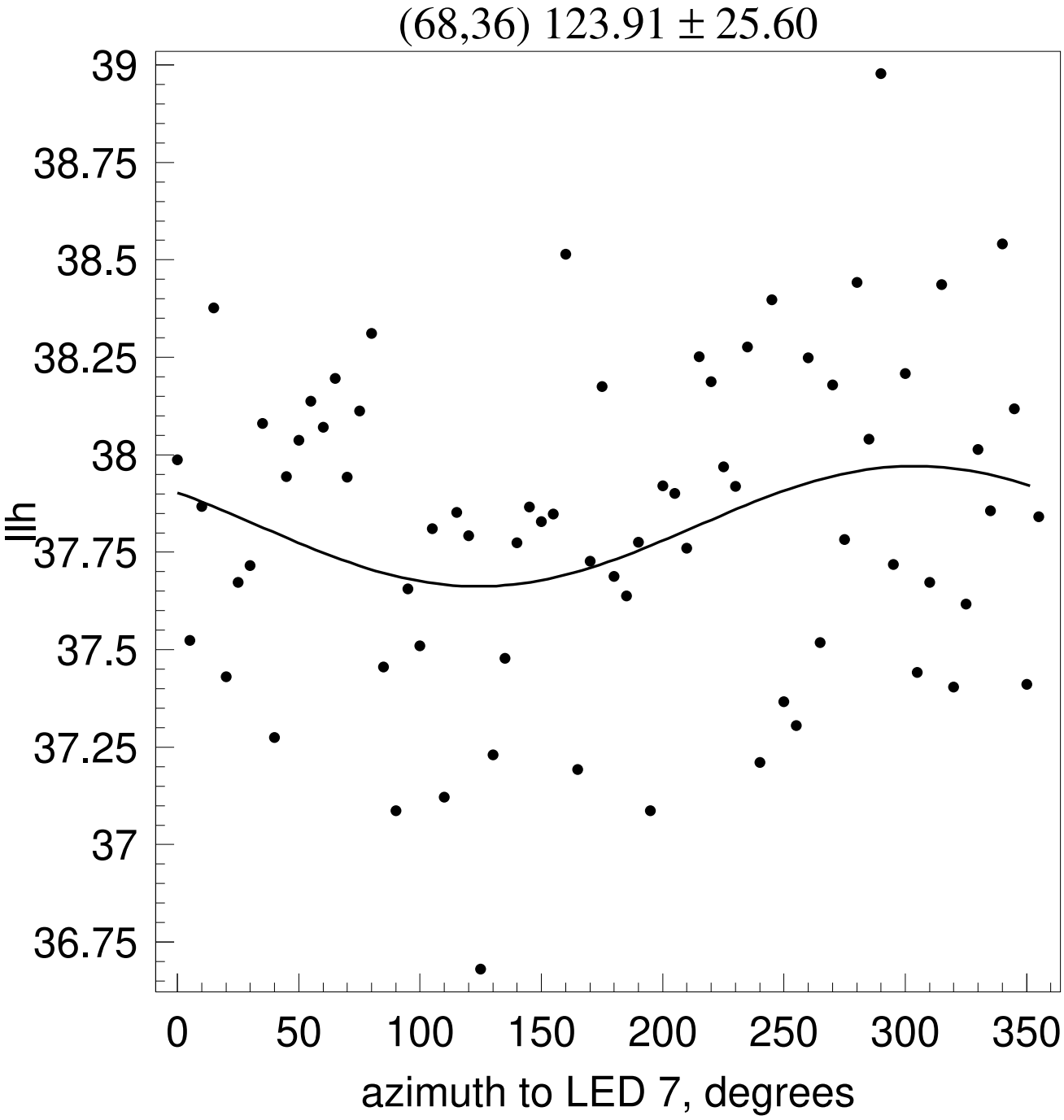

(68,31) 249.37 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

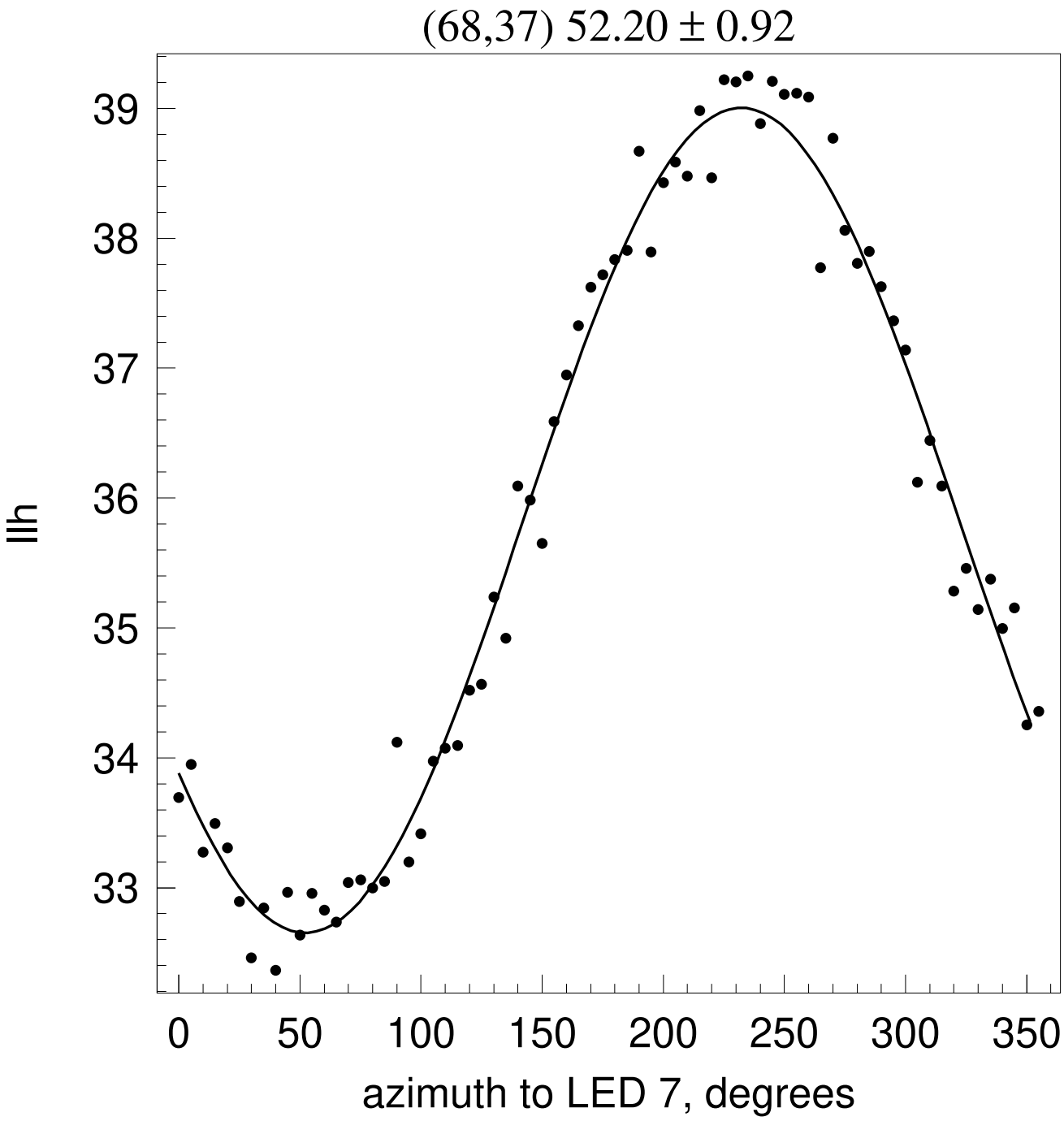

(68,32) 101.79 ± 0.17
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

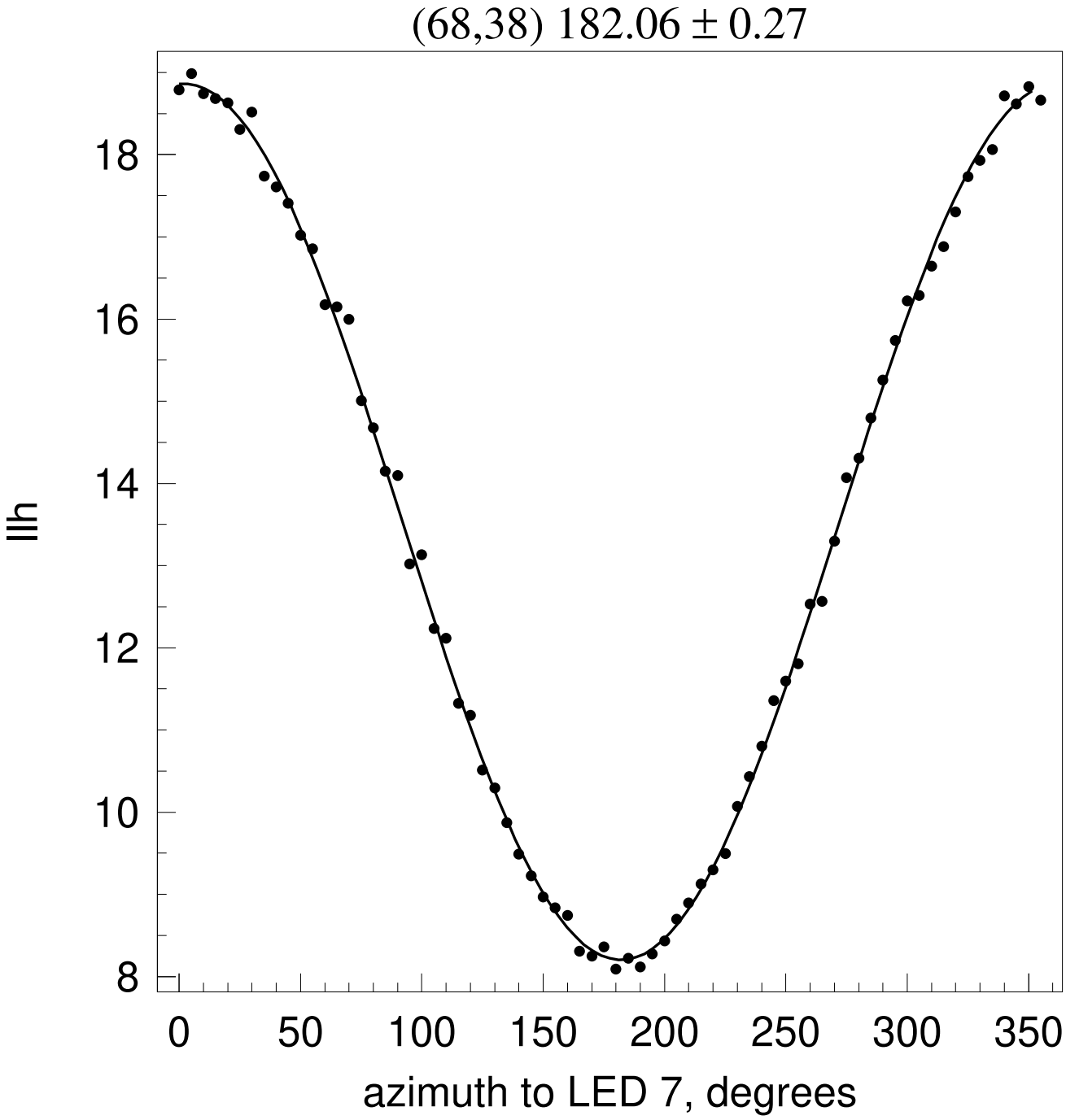

(68,33) 133.35 ± 0.32
34
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

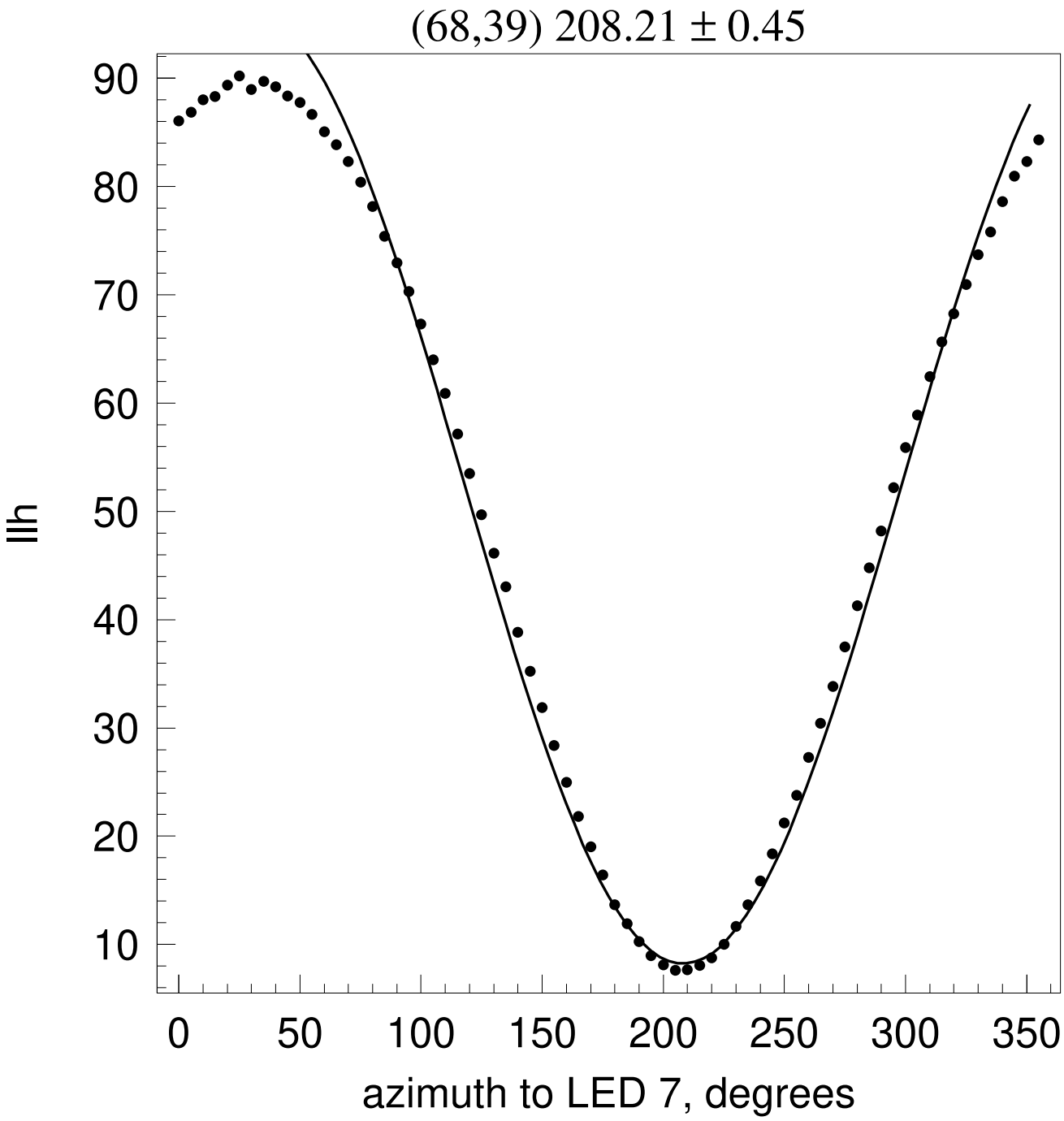

(68,34) 34.30 ± 0.70
44
42
40
38
36
34
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

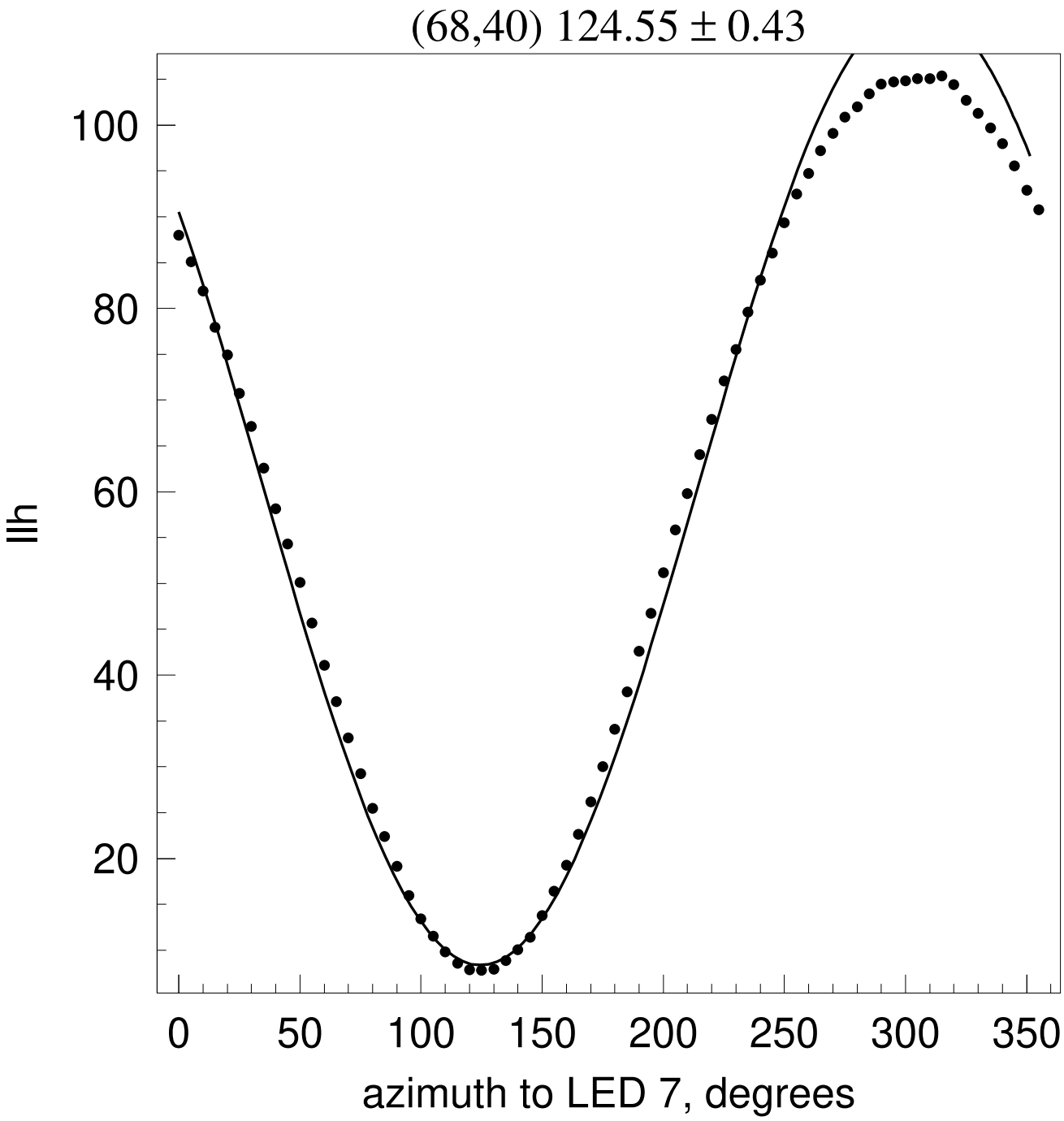

(68,35) 67.60 ± 18.42
39.75
39.5
39.25
39
38.75
38.5
38.25
38
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

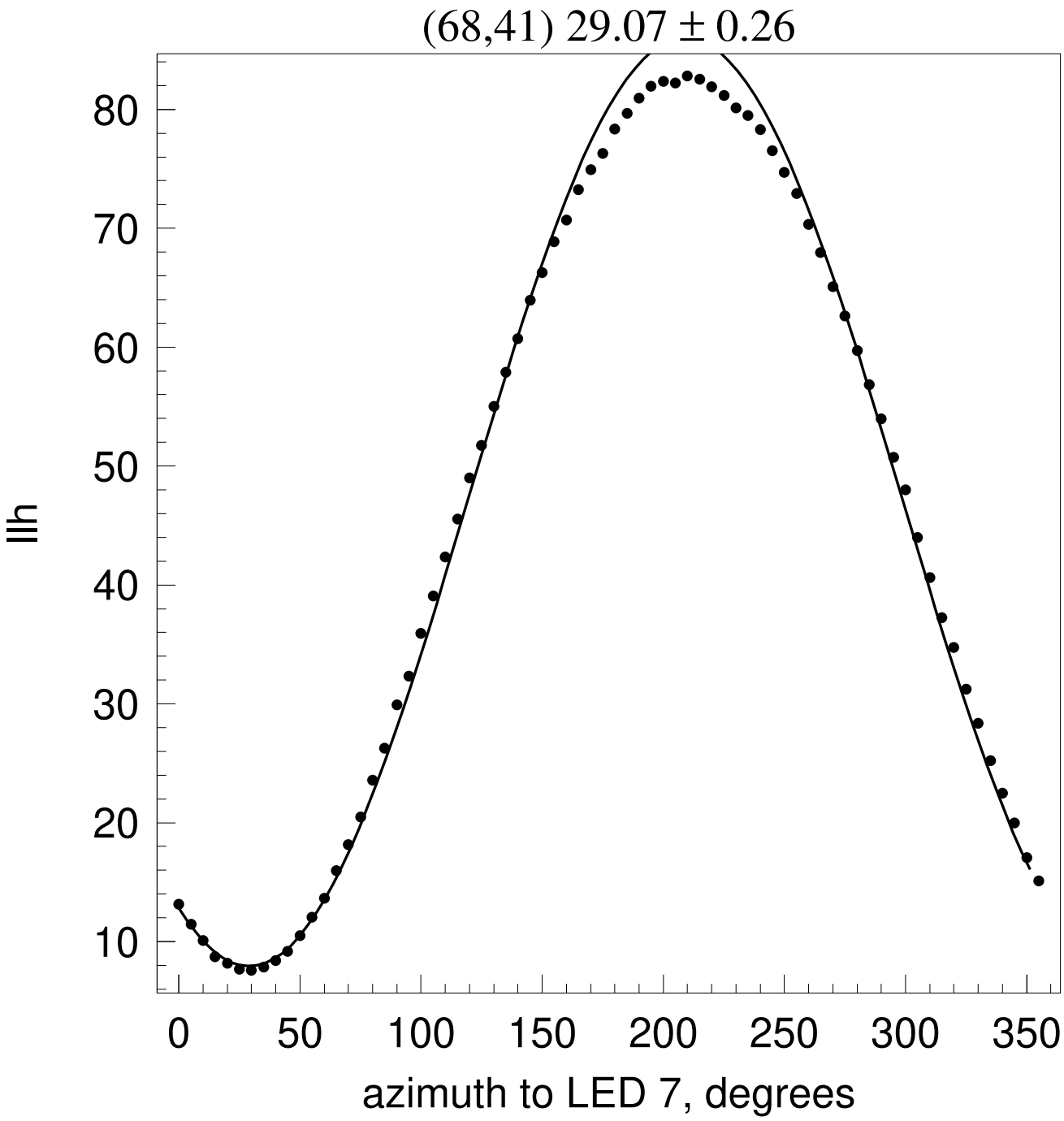

(68,36) 123.91 ± 25.60
39
38.75
38.5
38.25
38
37.75
37.5
37.25
37
36.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

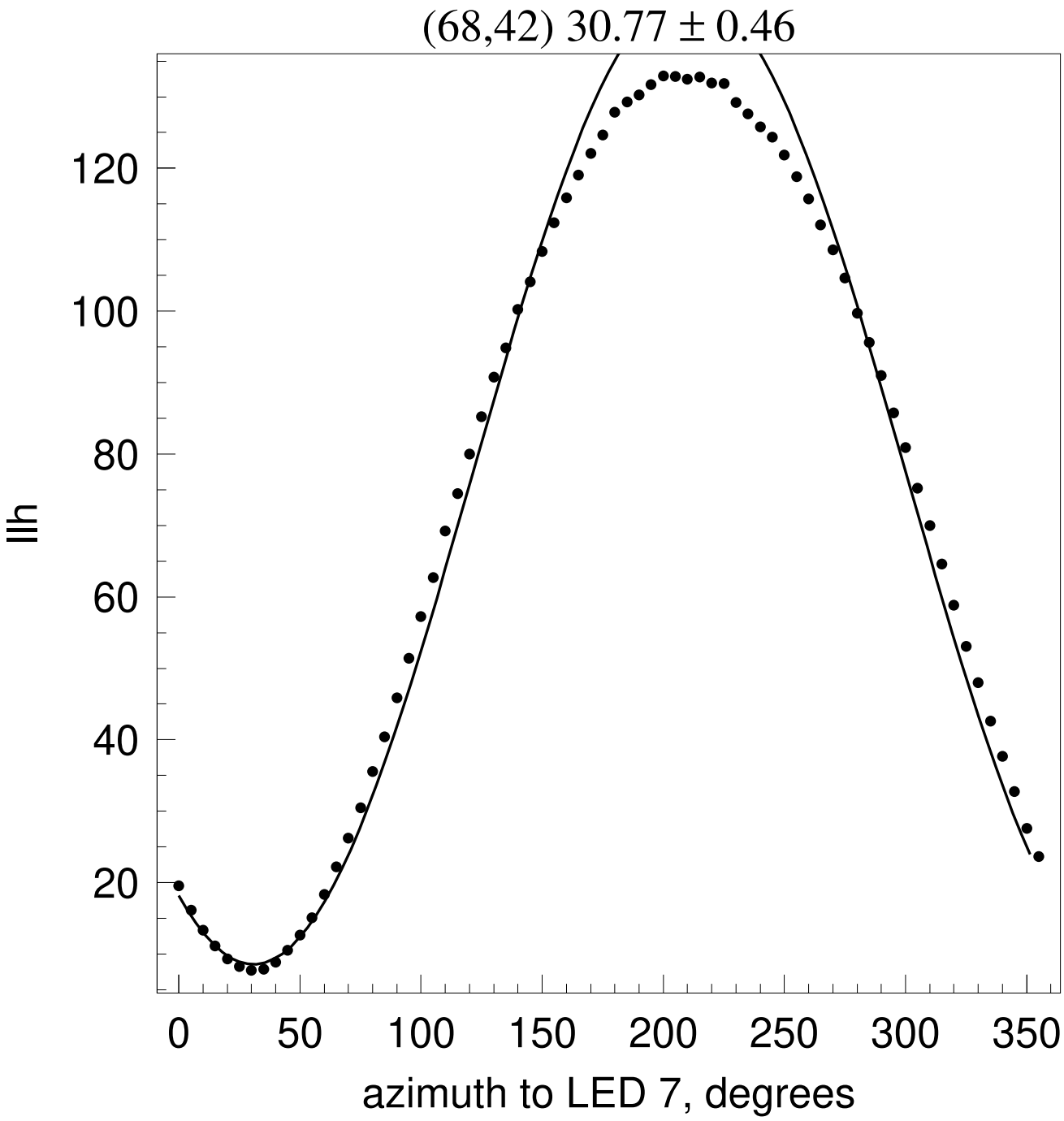

(68,37) 52.20 ± 0.92
39
38
37
36
35
34
33
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

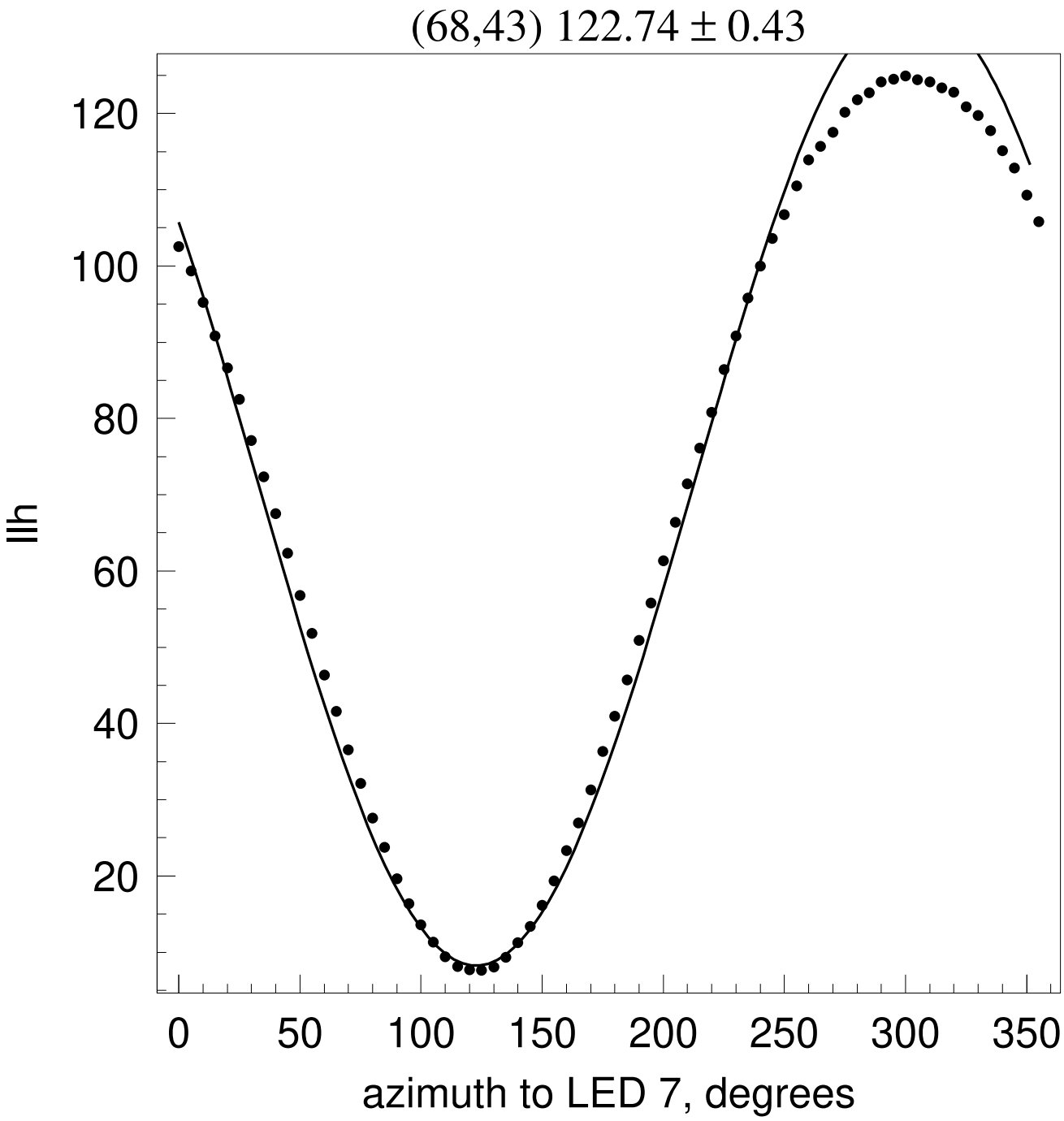

(68,38) 182.06 ± 0.27
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

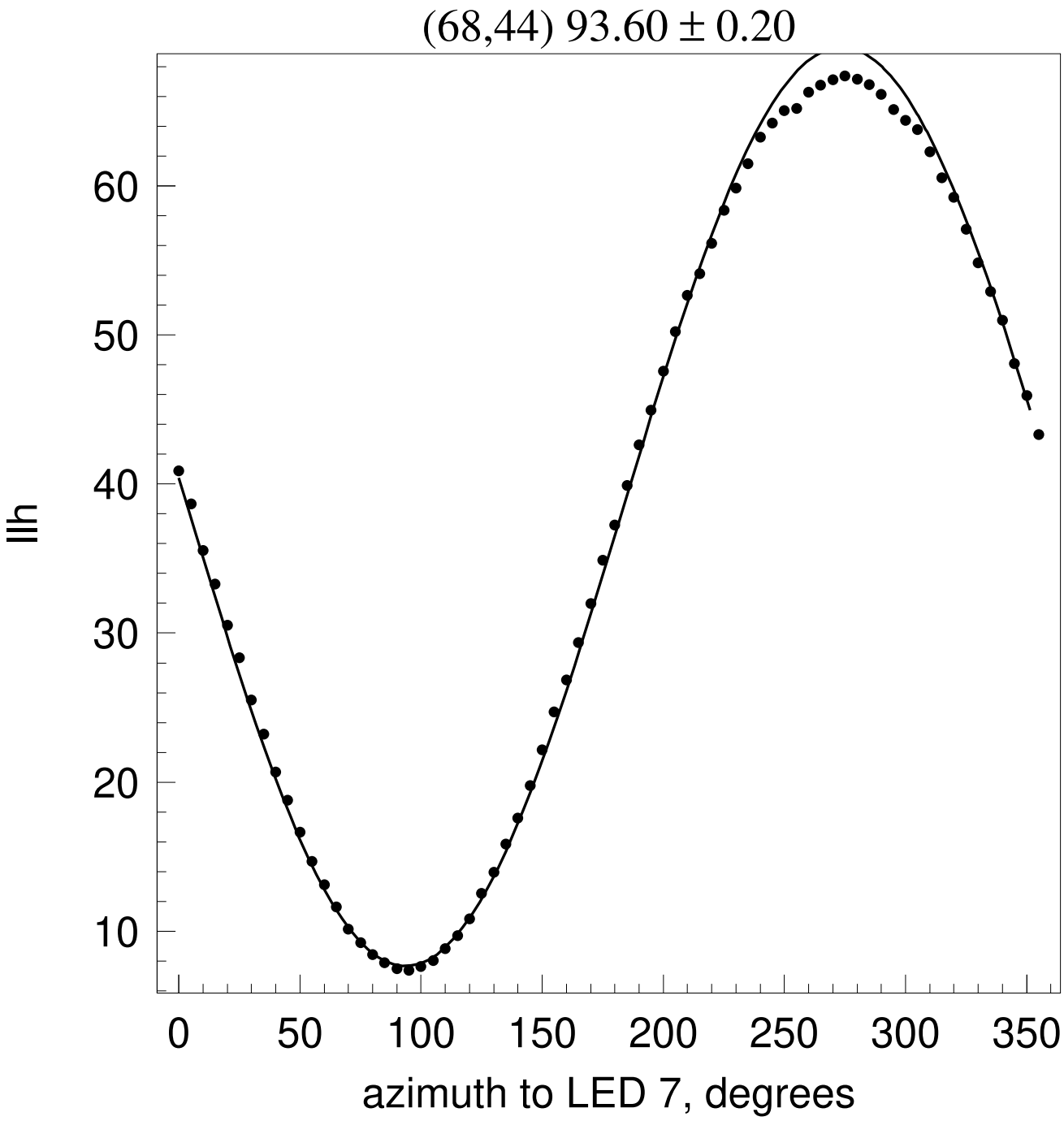

(68,39) 208.21 ± 0.45
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

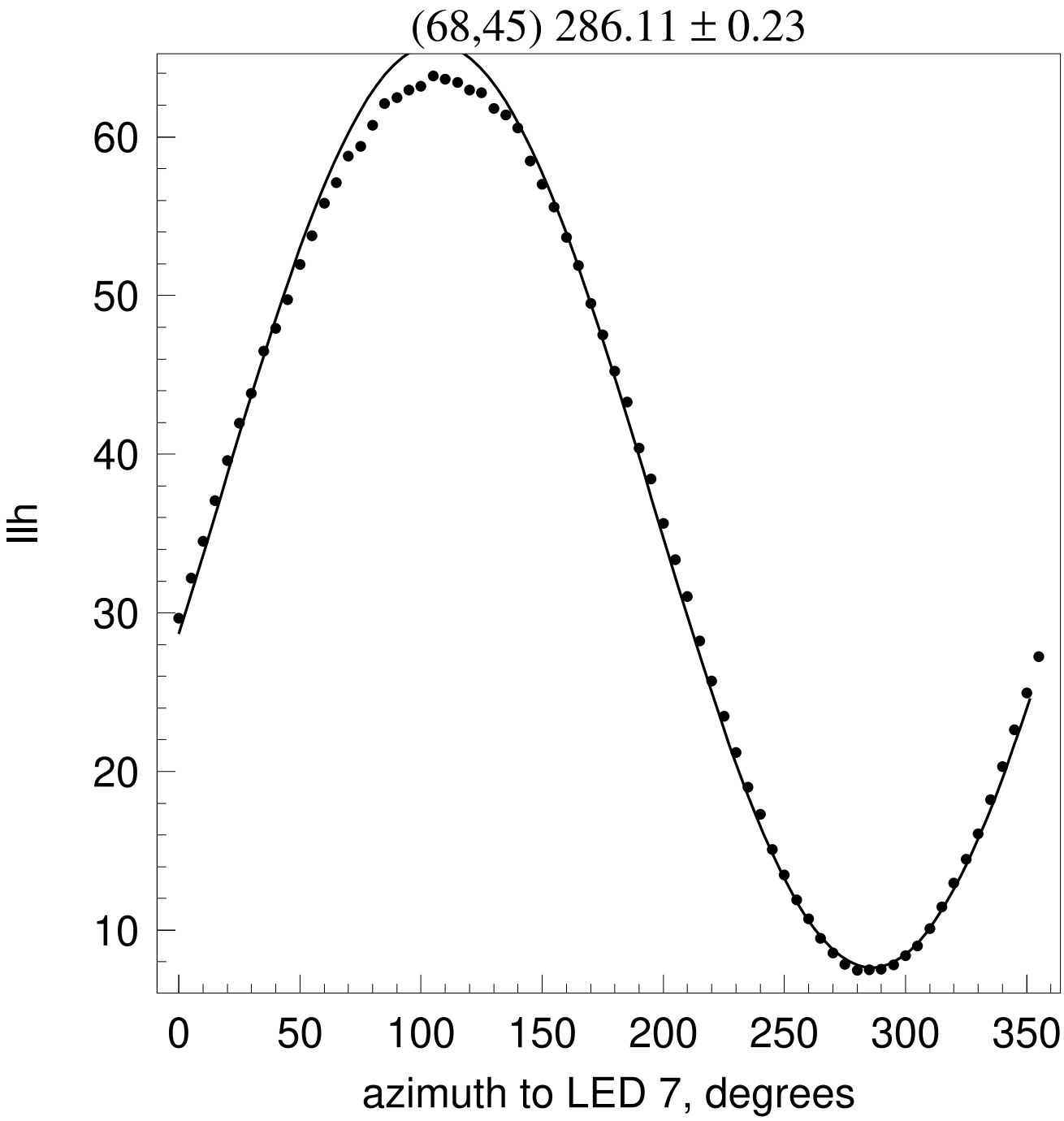

(68,40) 124.55 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

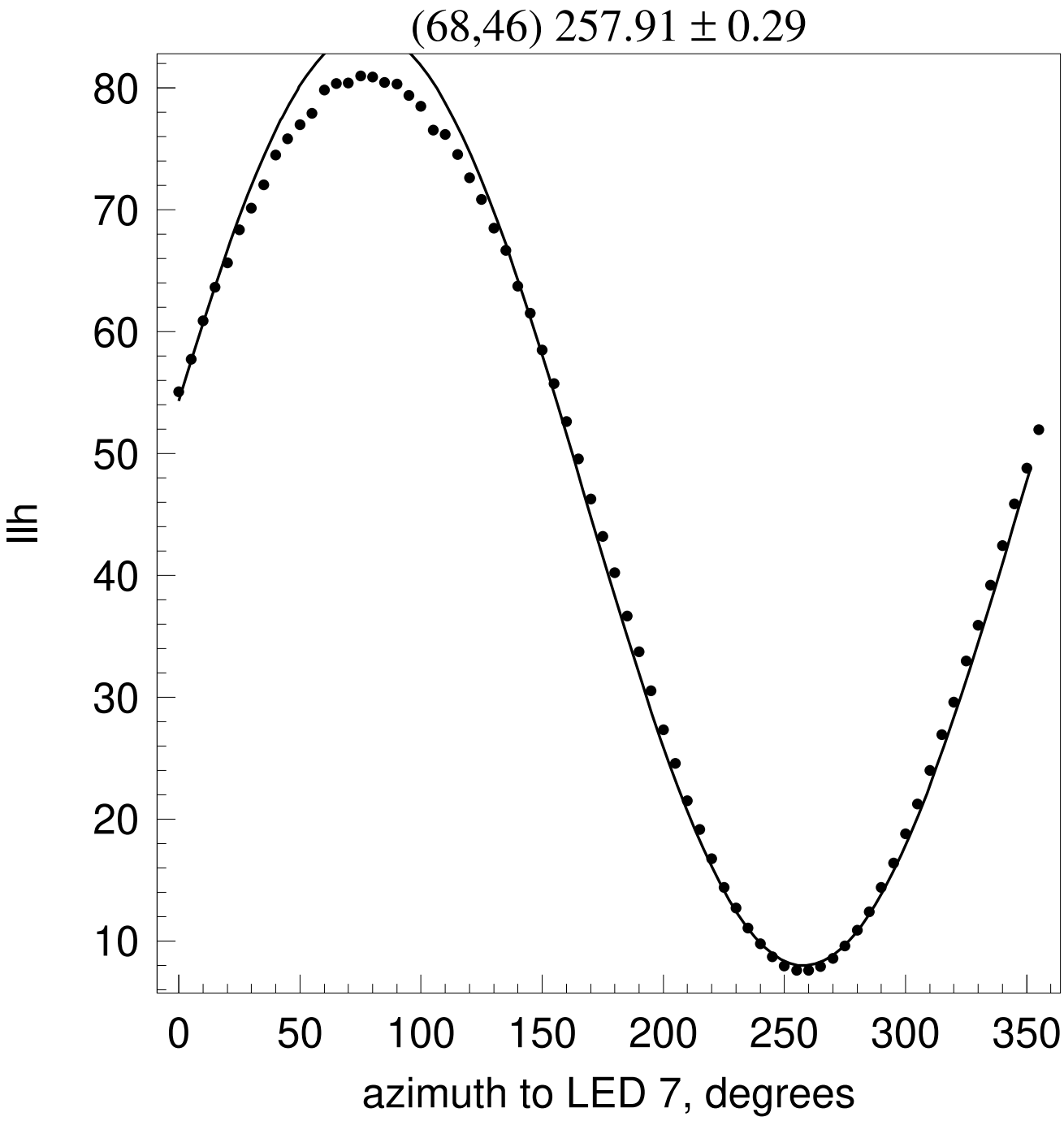

(68,41) 29.07 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

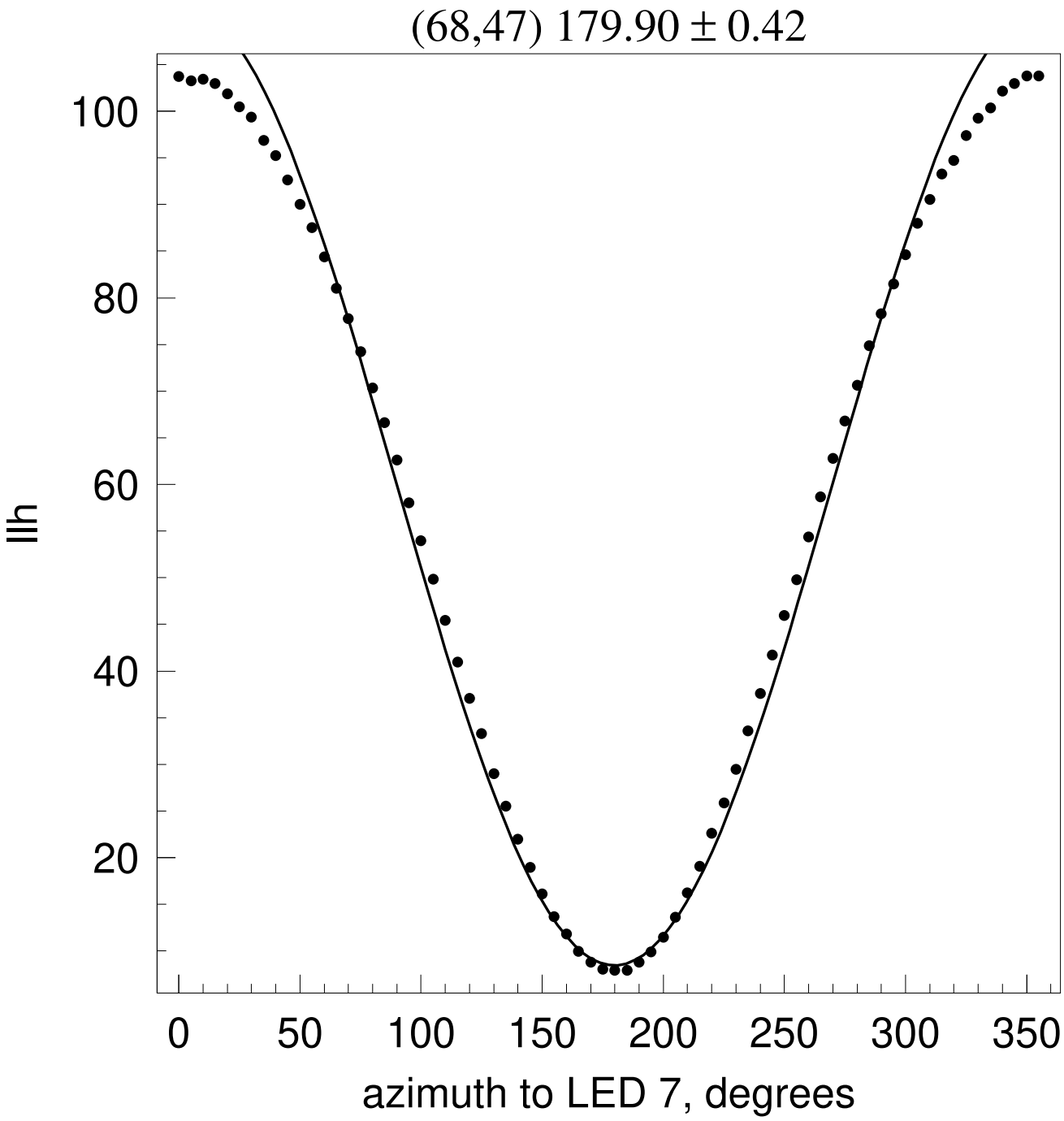

(68,42) 30.77 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

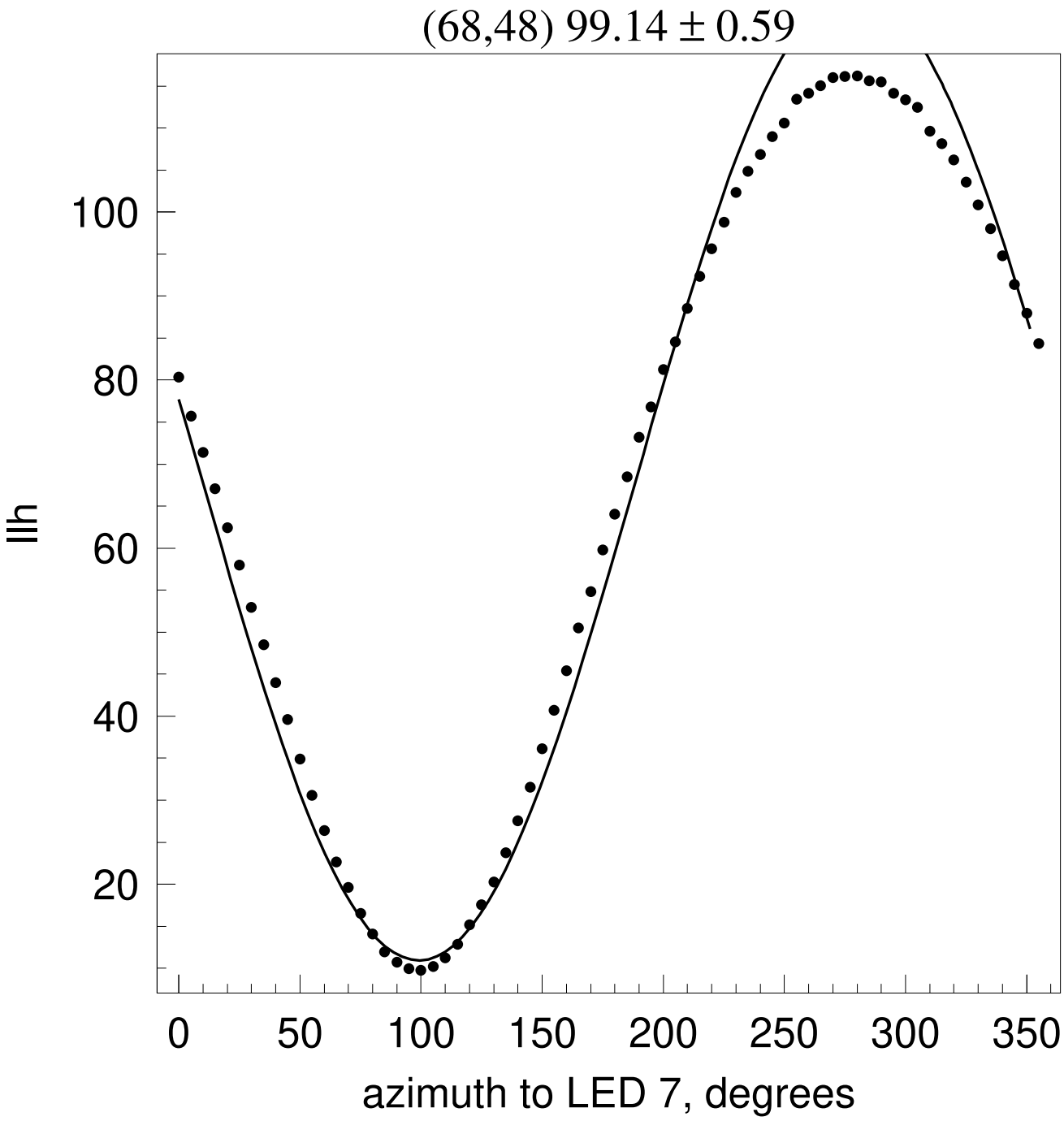

(68,43) 122.74 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

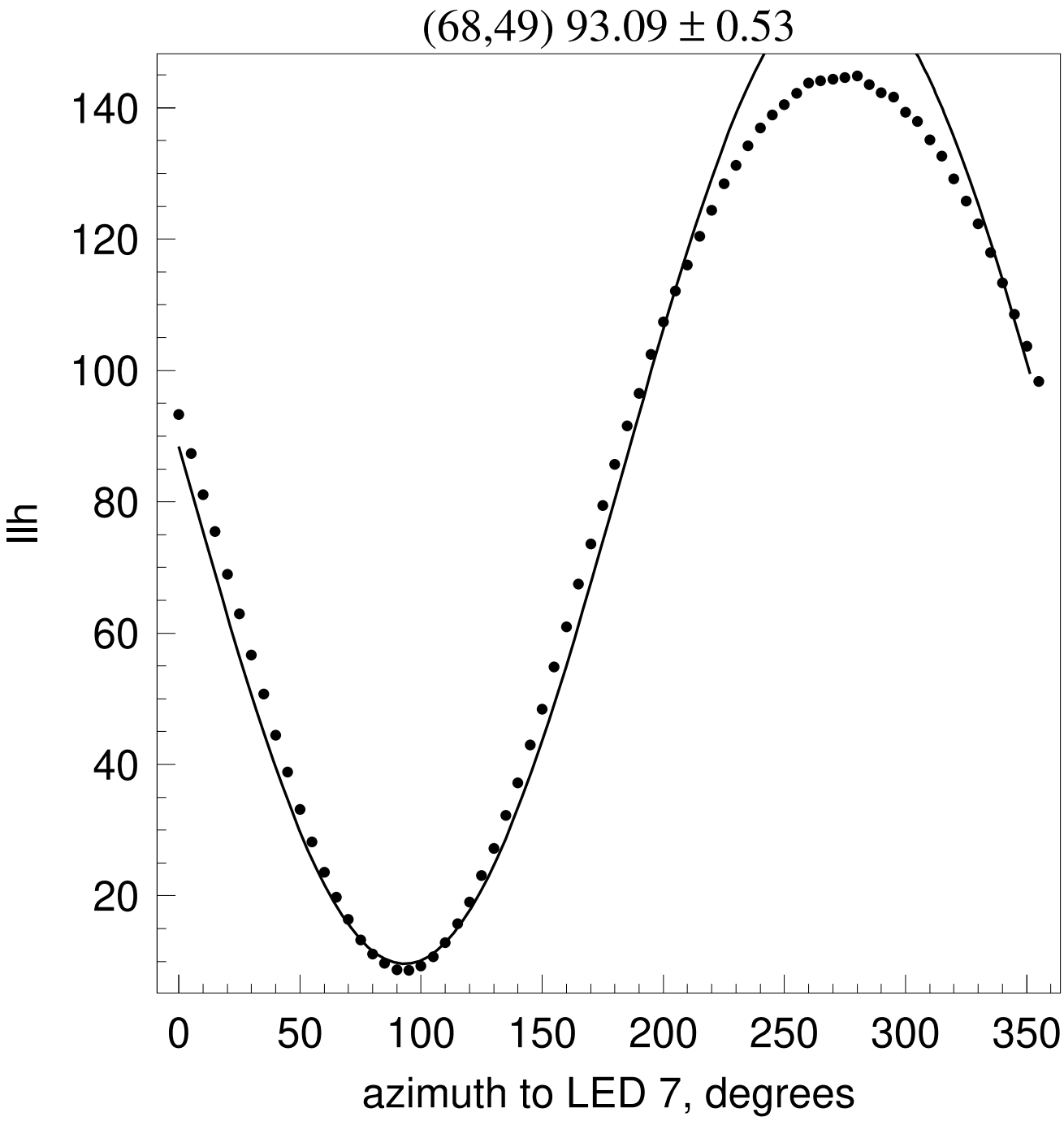

(68,44) 93.60 ± 0.20
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

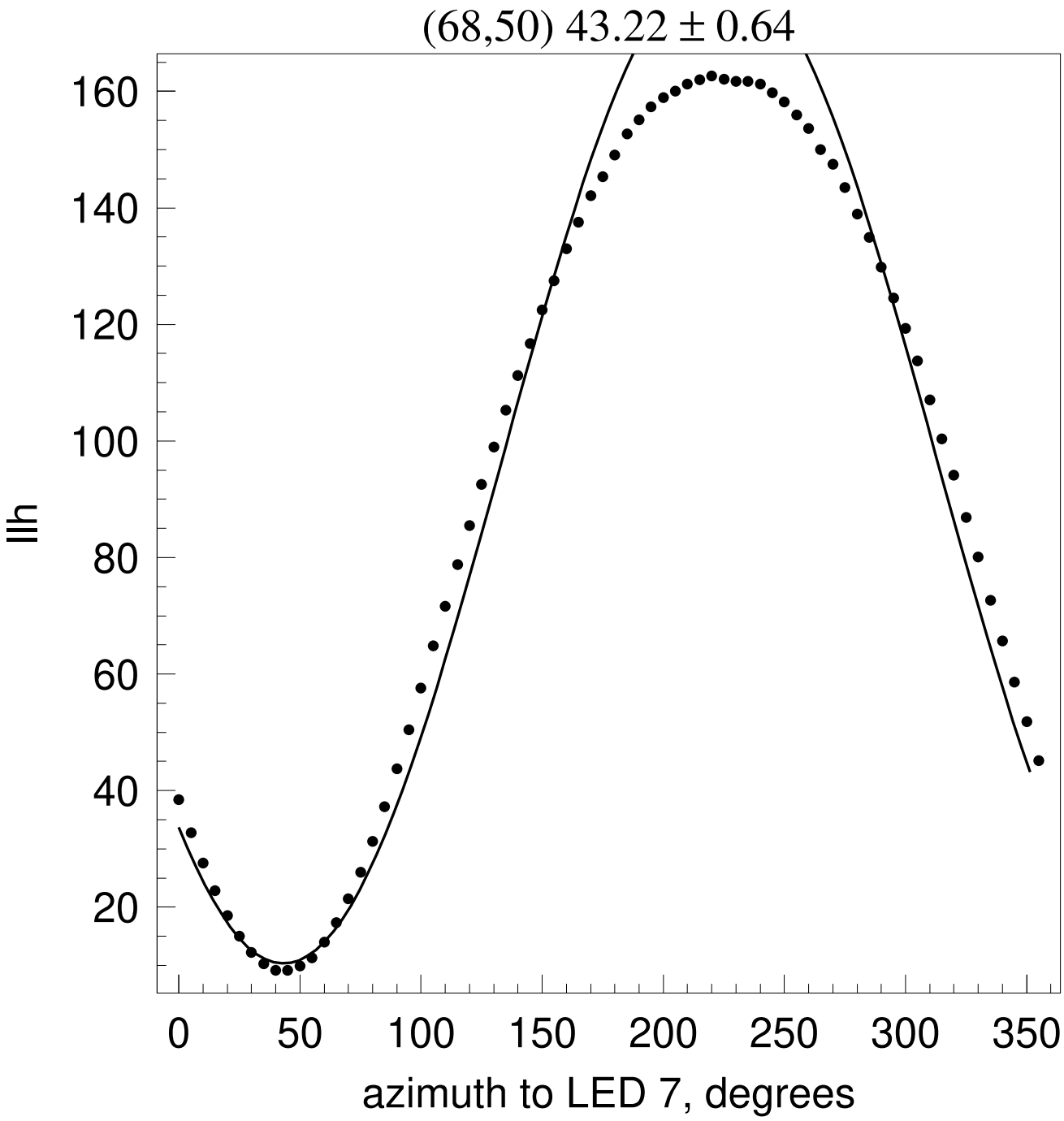

(68,45) 286.11 ± 0.23
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

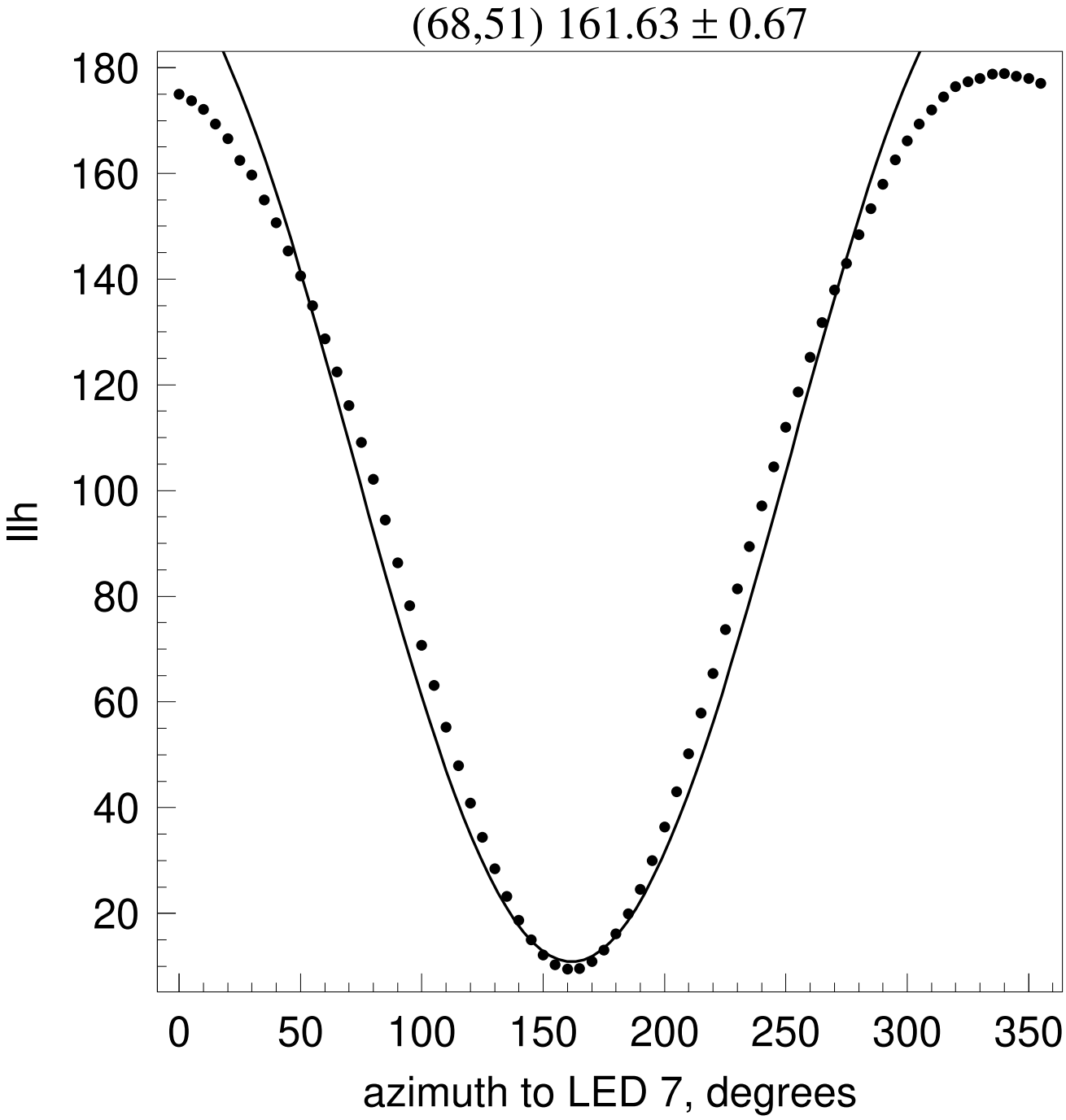

(68,46) 257.91 ± 0.29
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

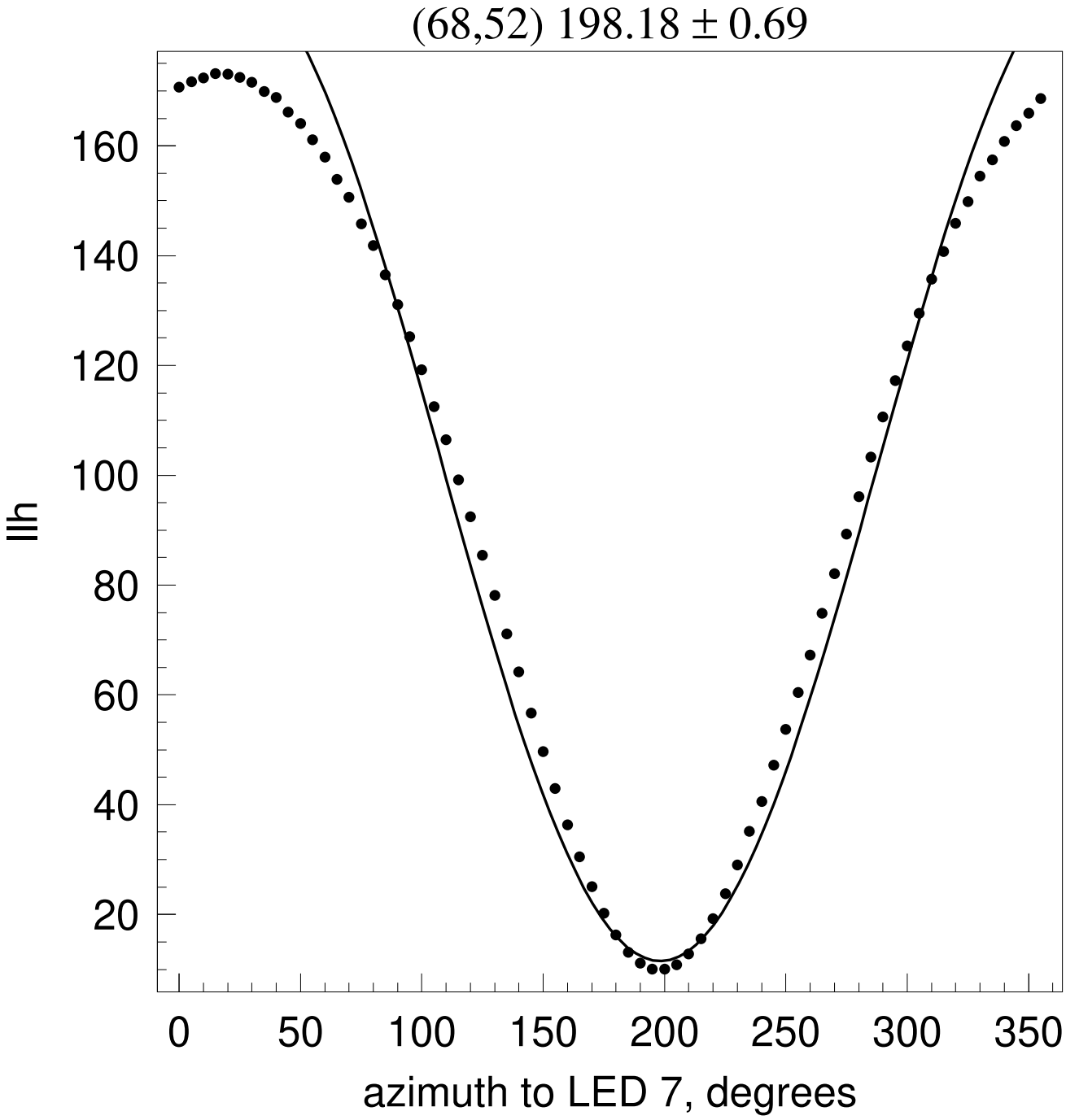

(68,47) 179.90 ± 0.42
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

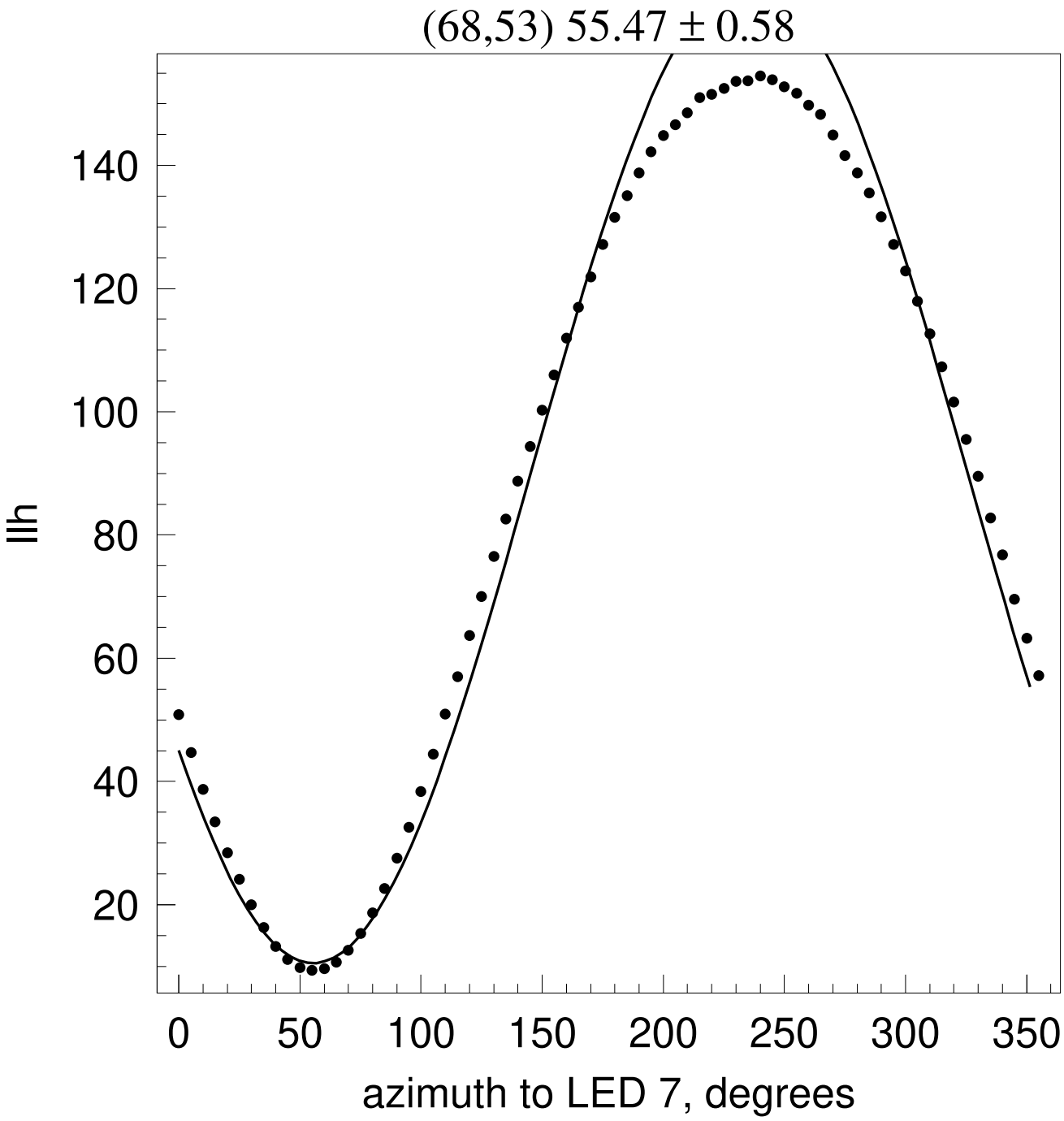

(68,48) 99.14 ± 0.59
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

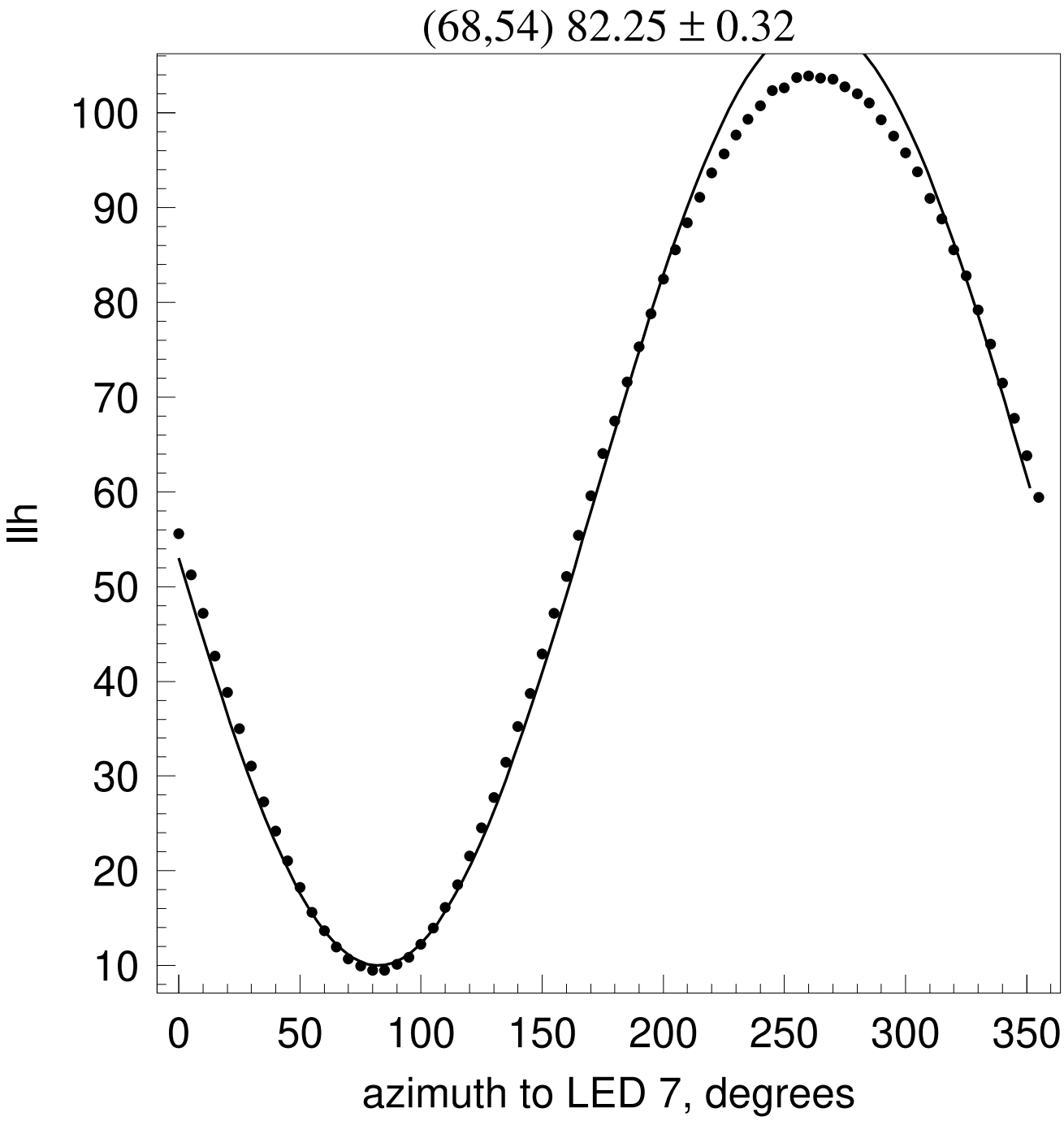

(68,49) 93.09 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

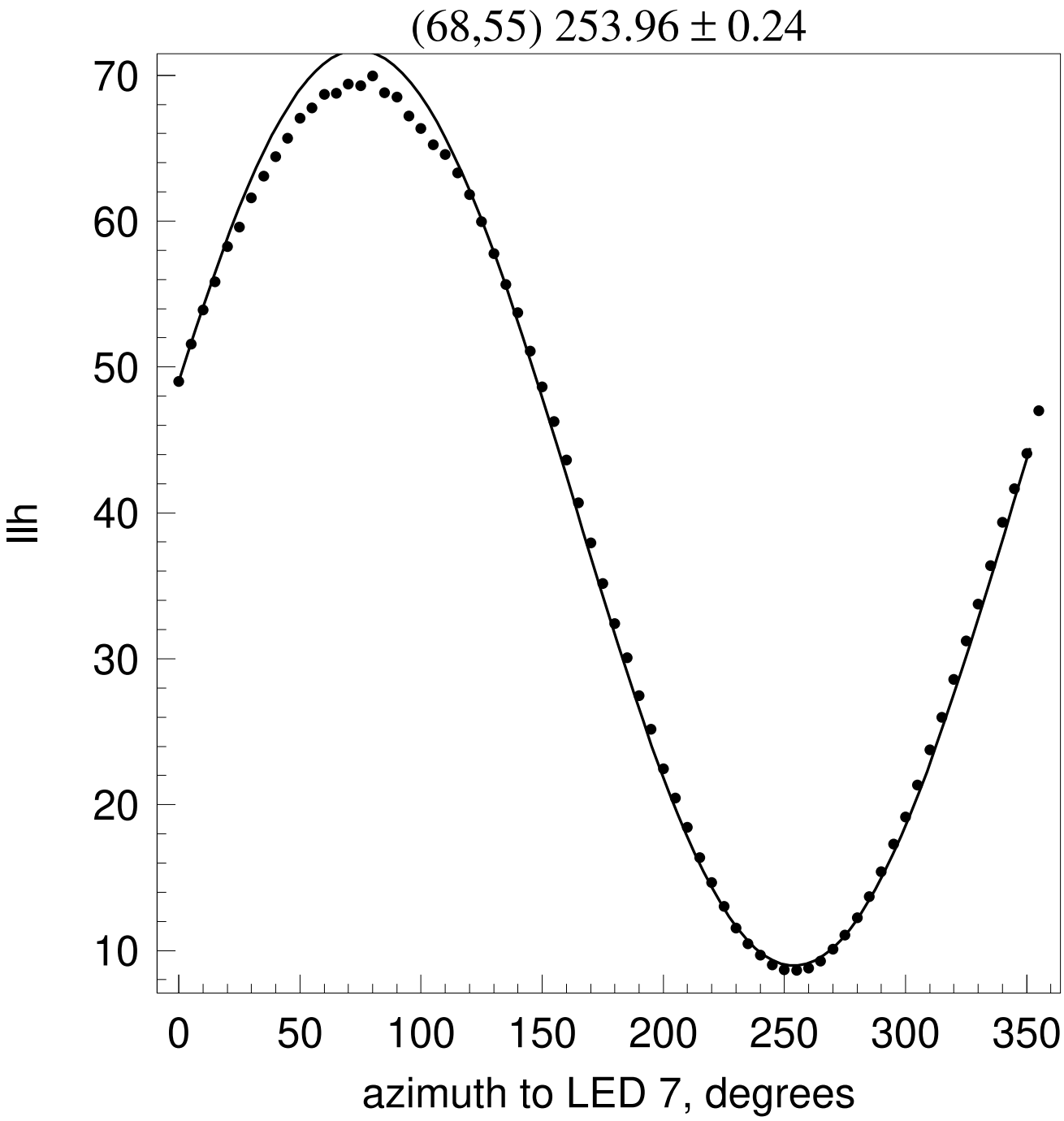

(68,50) 43.22 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

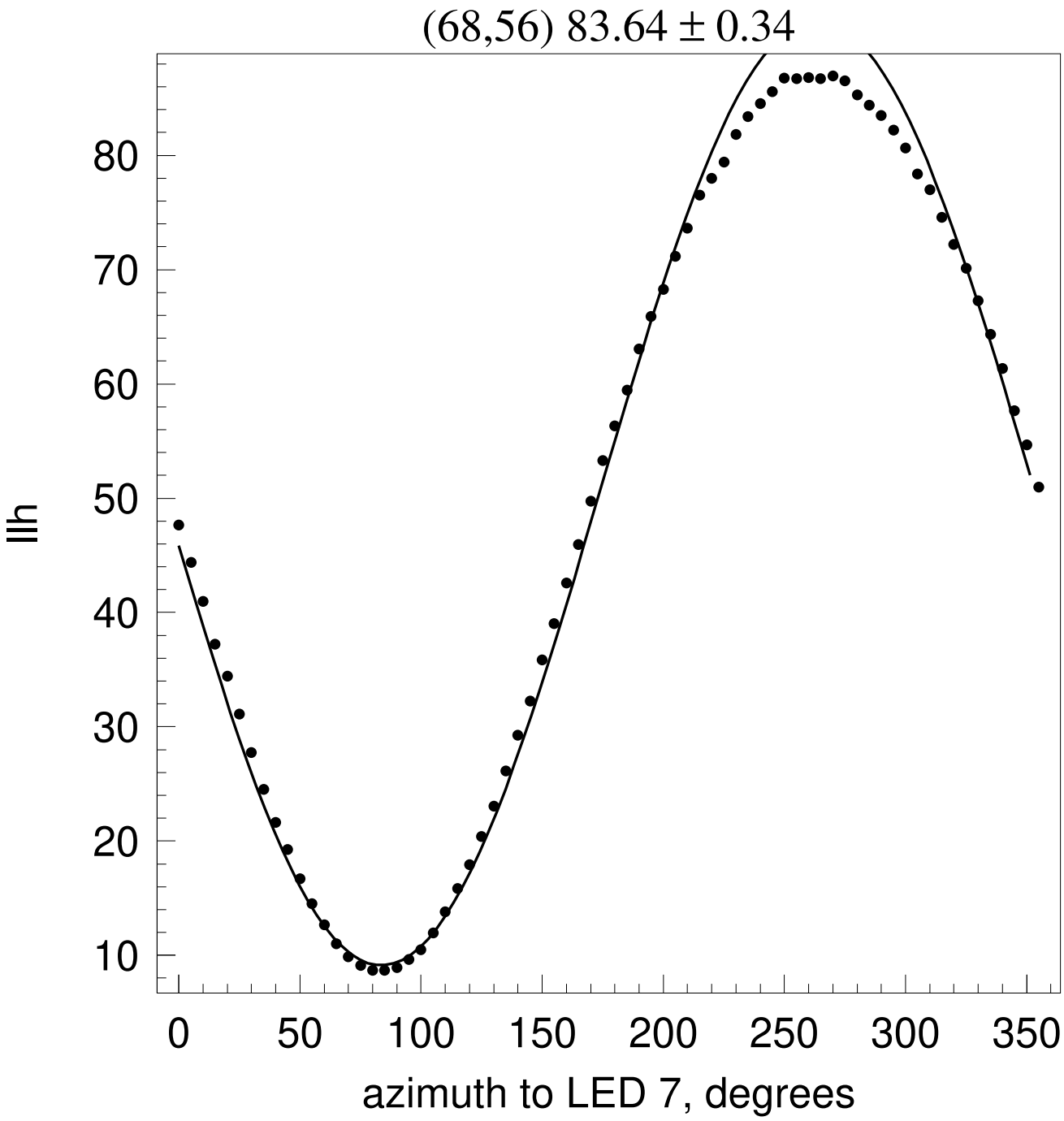

(68,51) 161.63 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

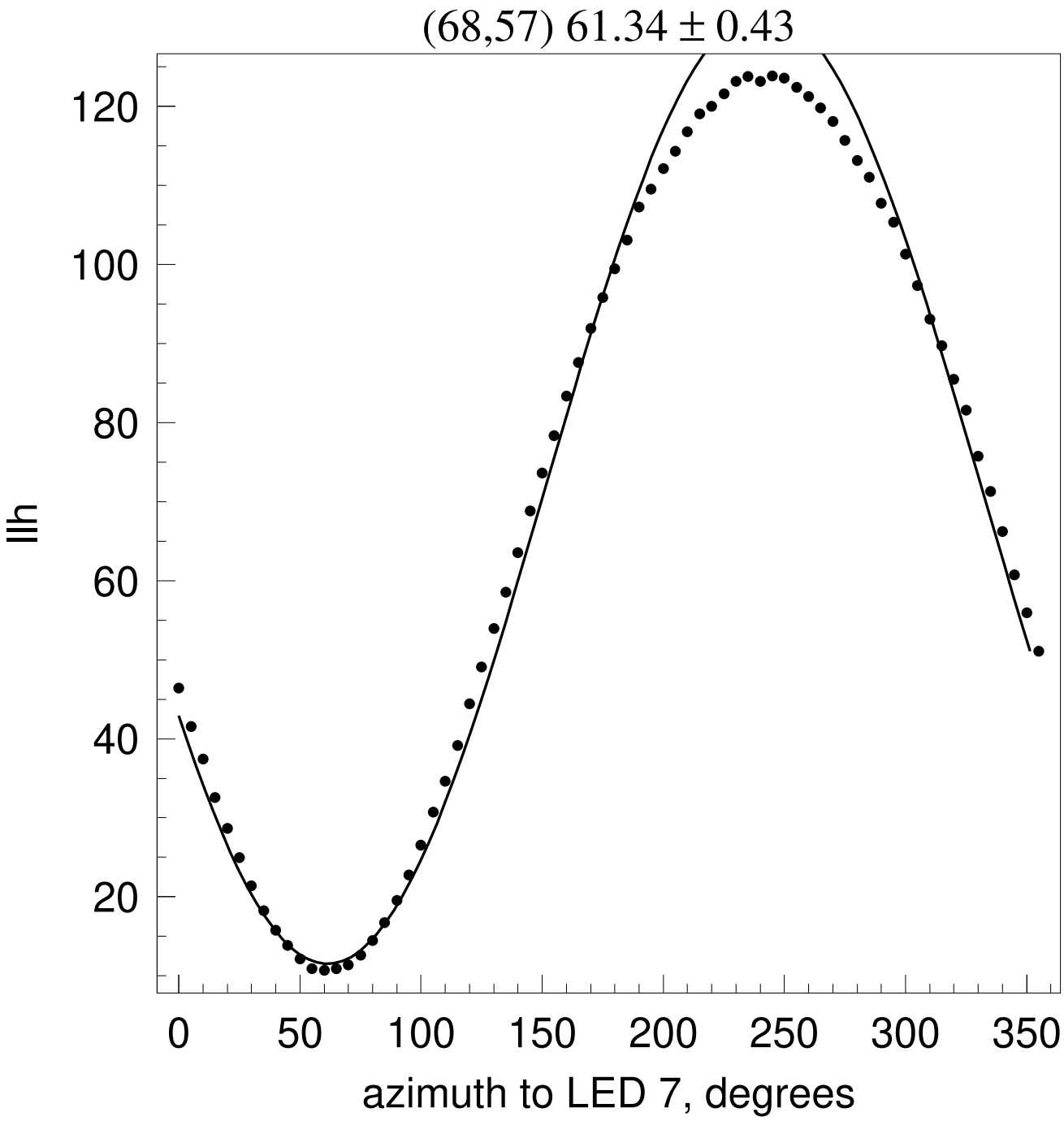

(68,52) 198.18 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

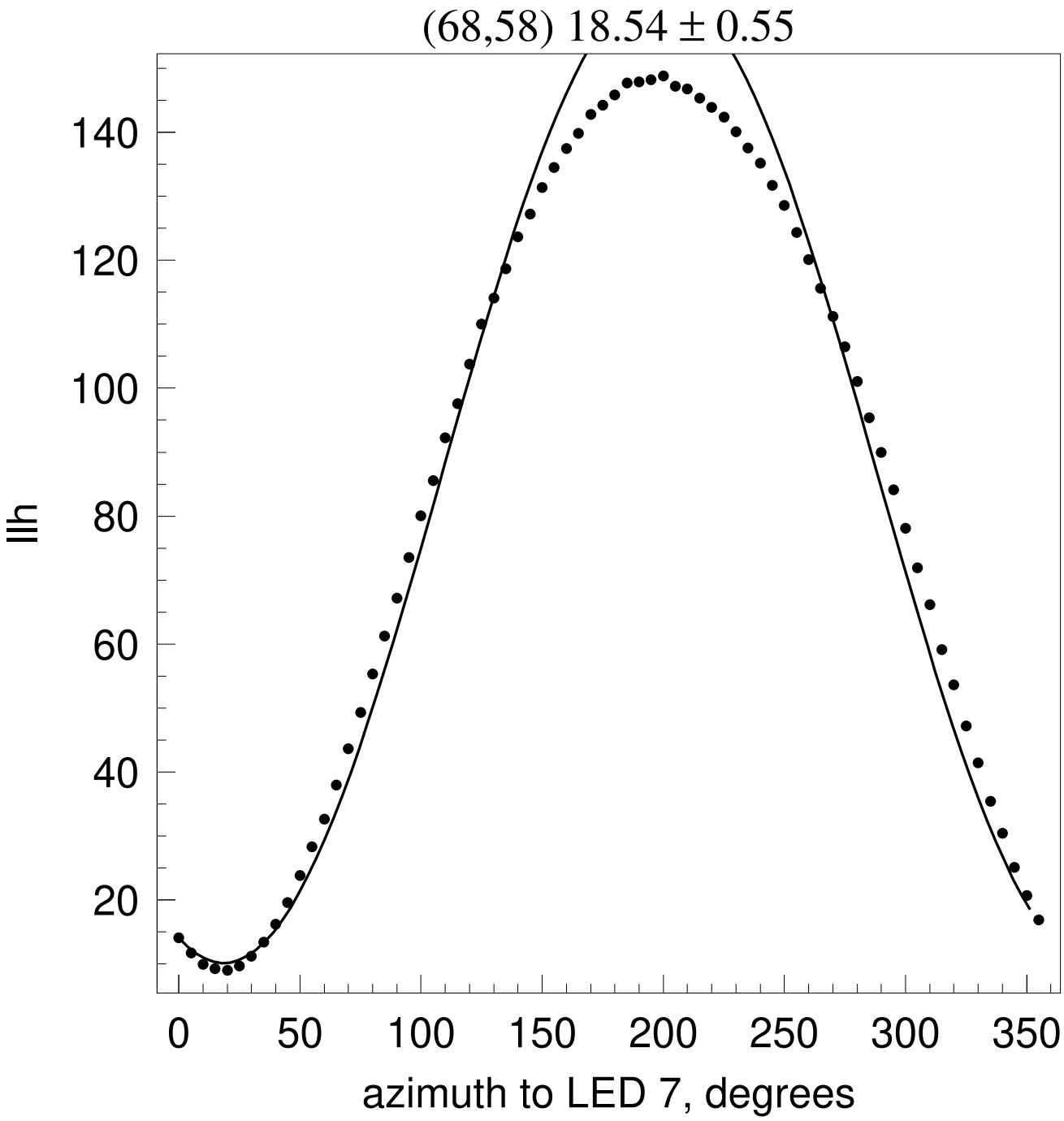

(68,53) 55.47 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

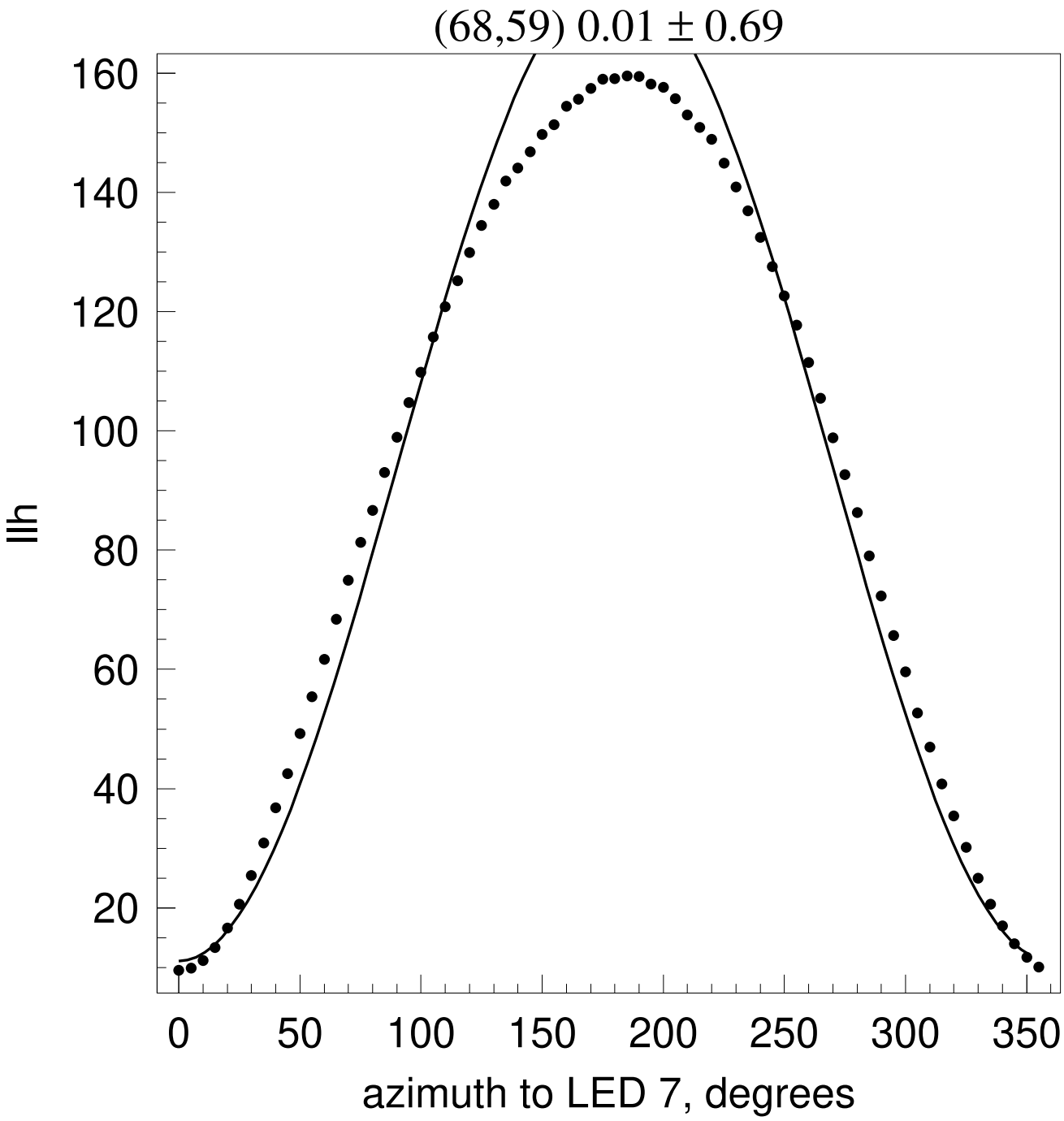

(68,54) 82.25 ± 0.32
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

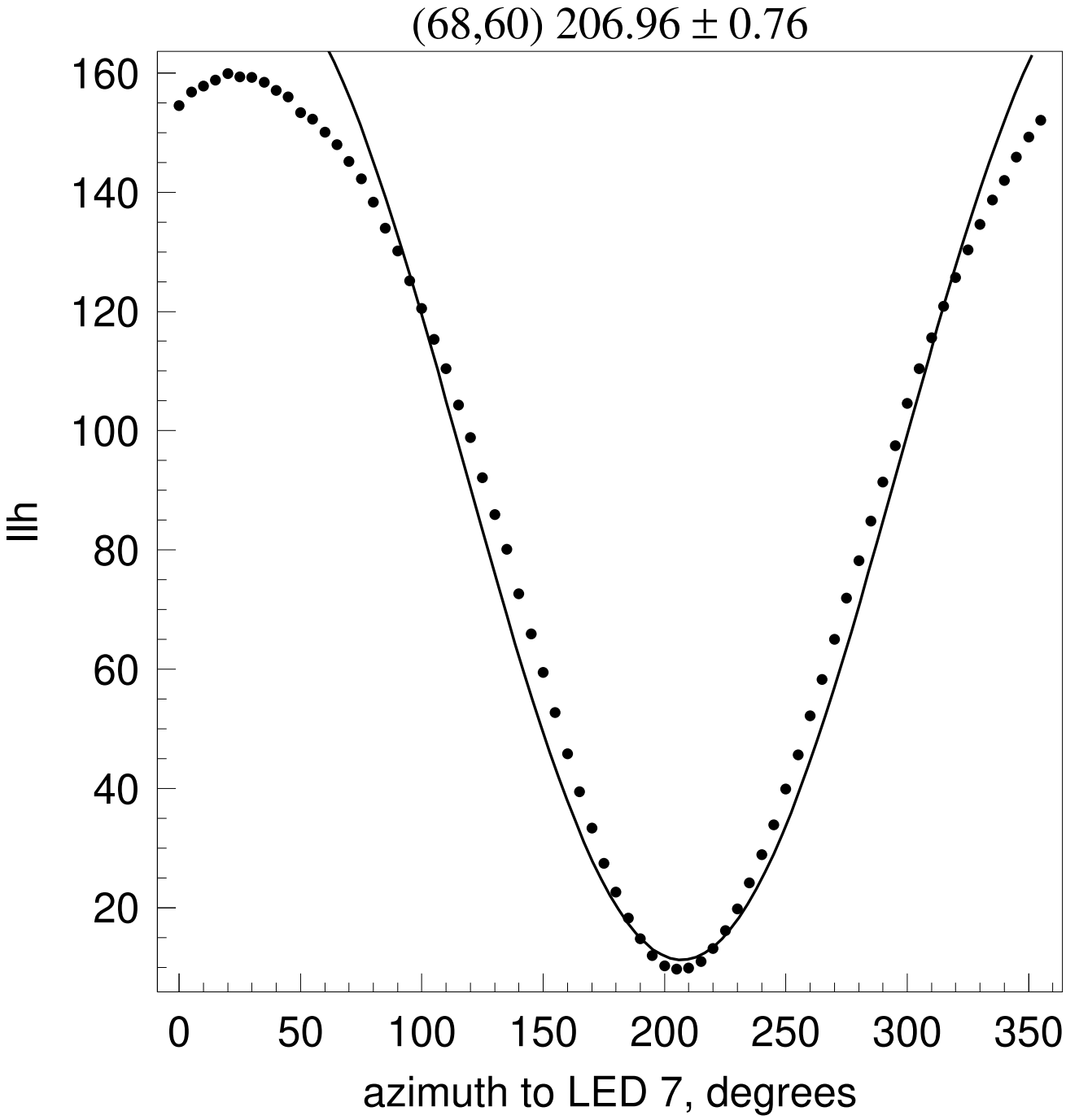

(68,55) 253.96 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

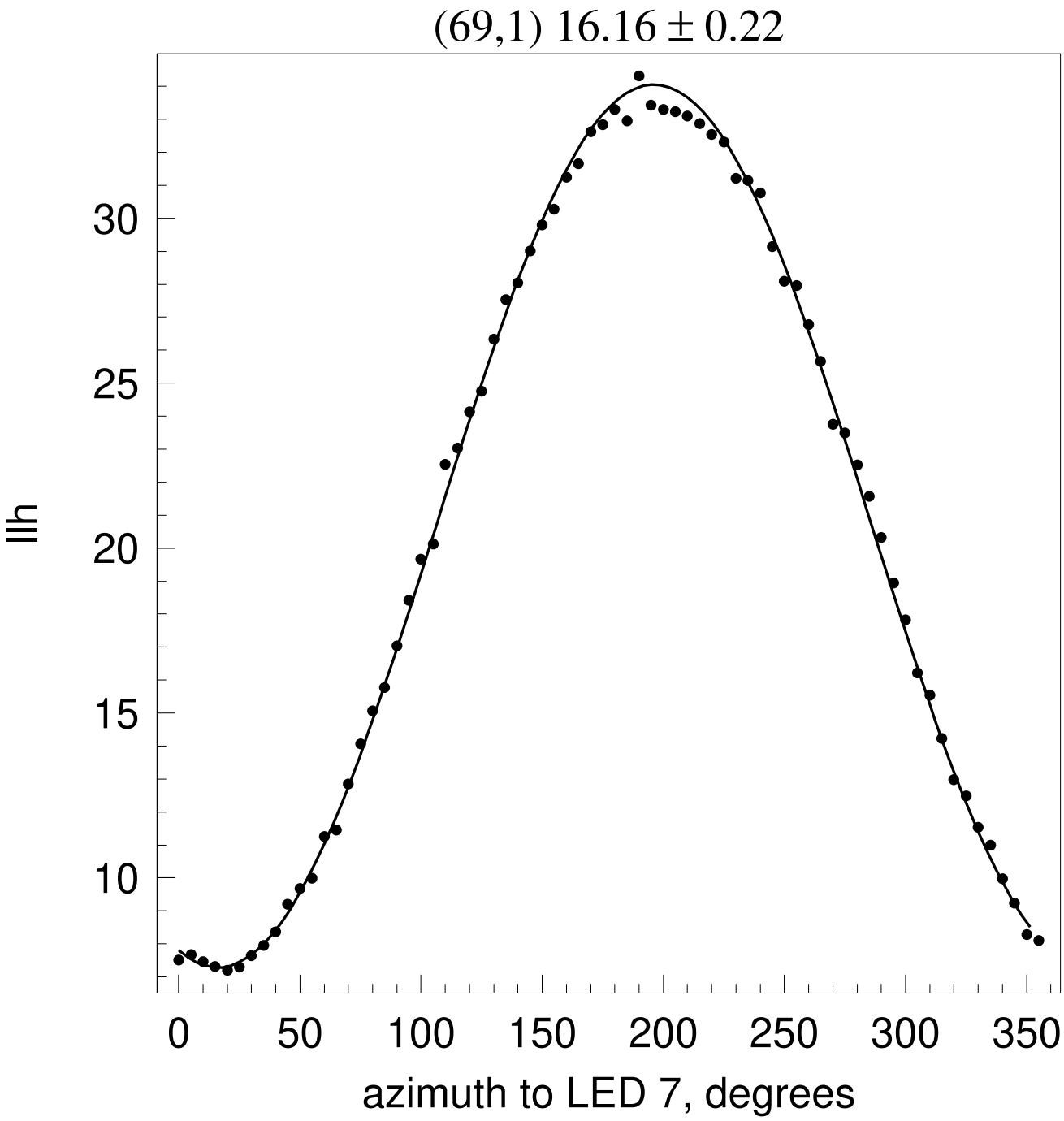

(68,56) 83.64 ± 0.34
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

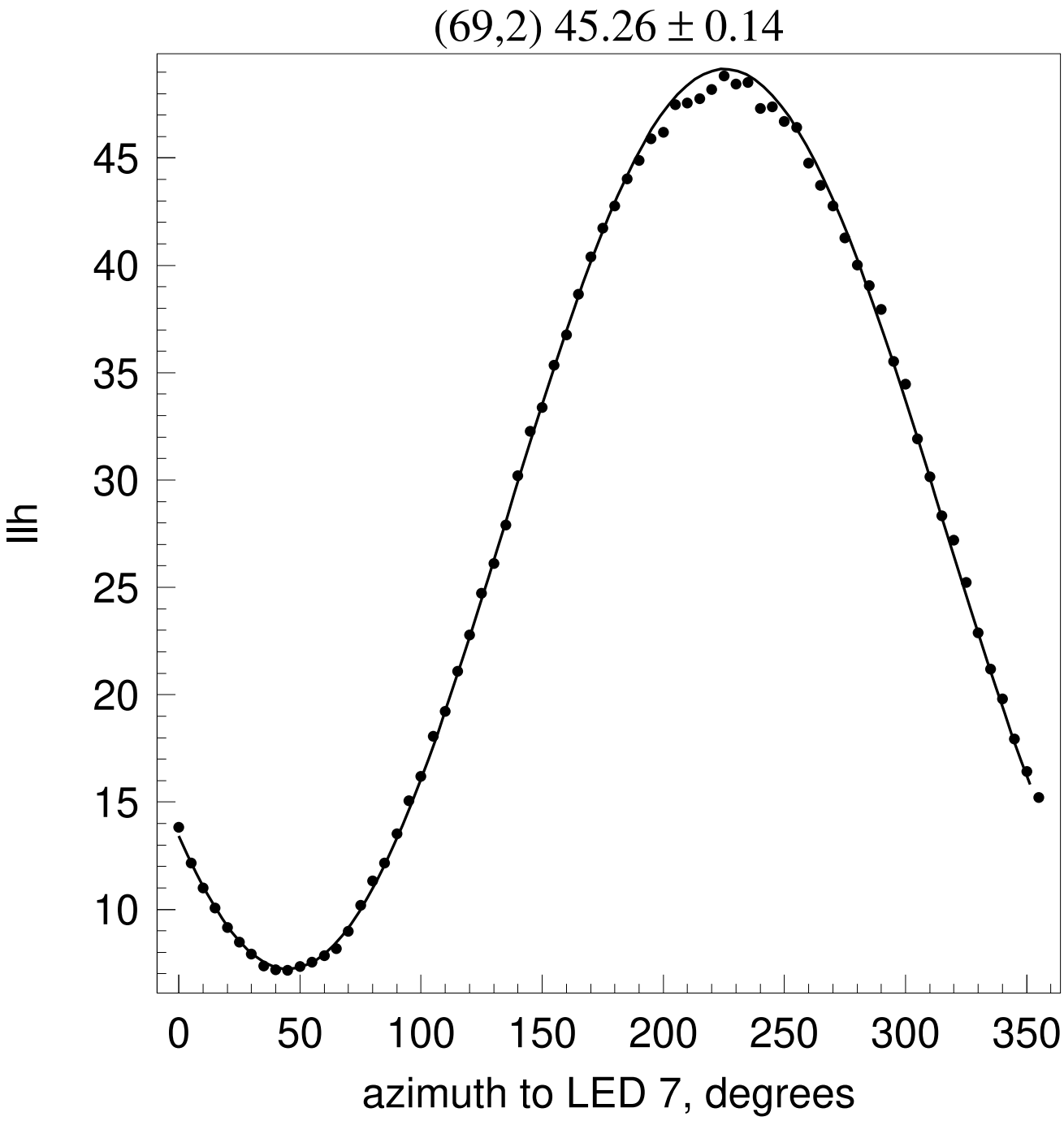

(68,57) 61.34 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

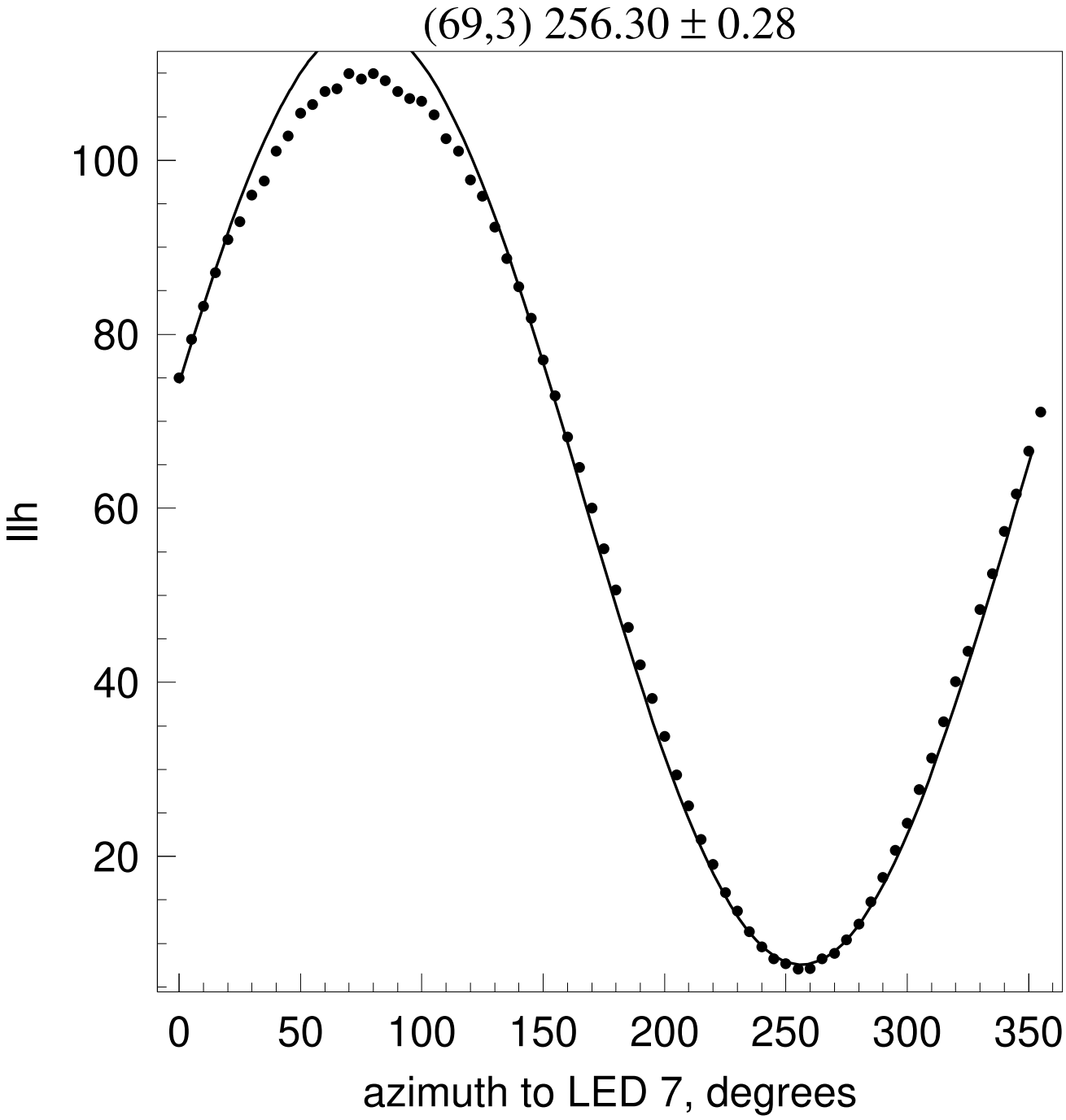

(68,58) 18.54 ± 0.55
140
120
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

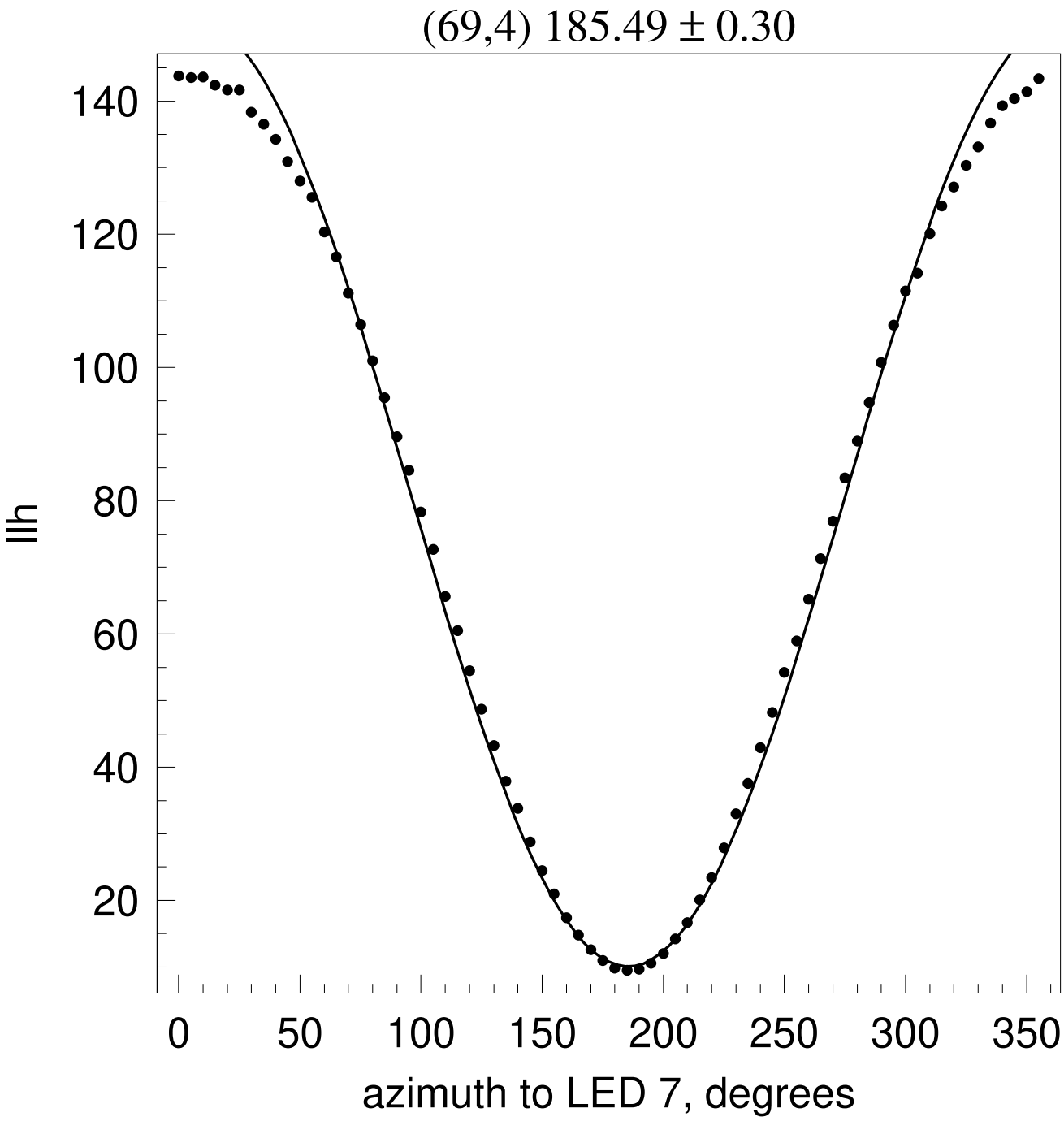

(68,59) 0.01 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

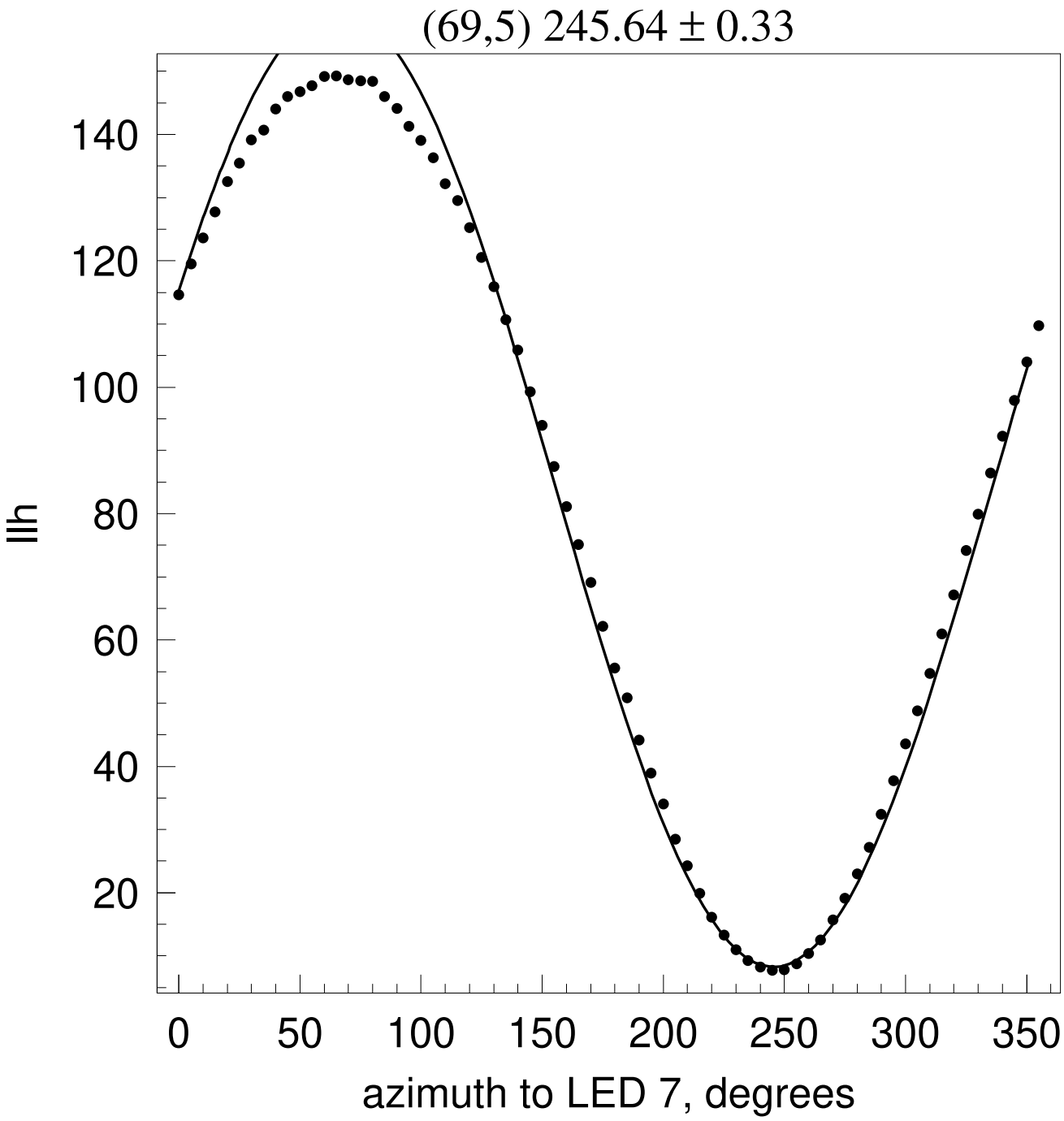

(68,60) 206.96 ± 0.76
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

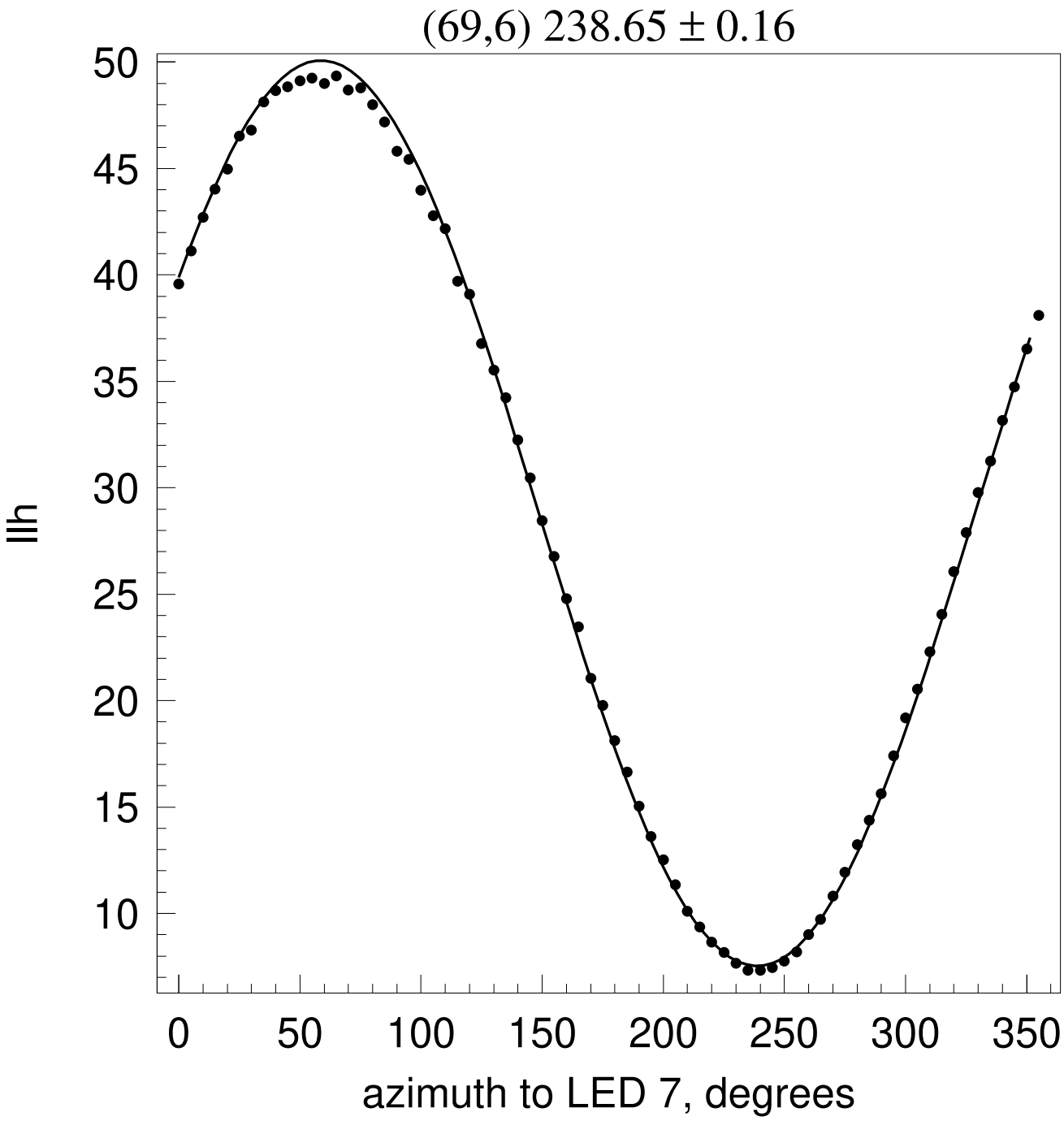

(69,1) 16.16 ± 0.22
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

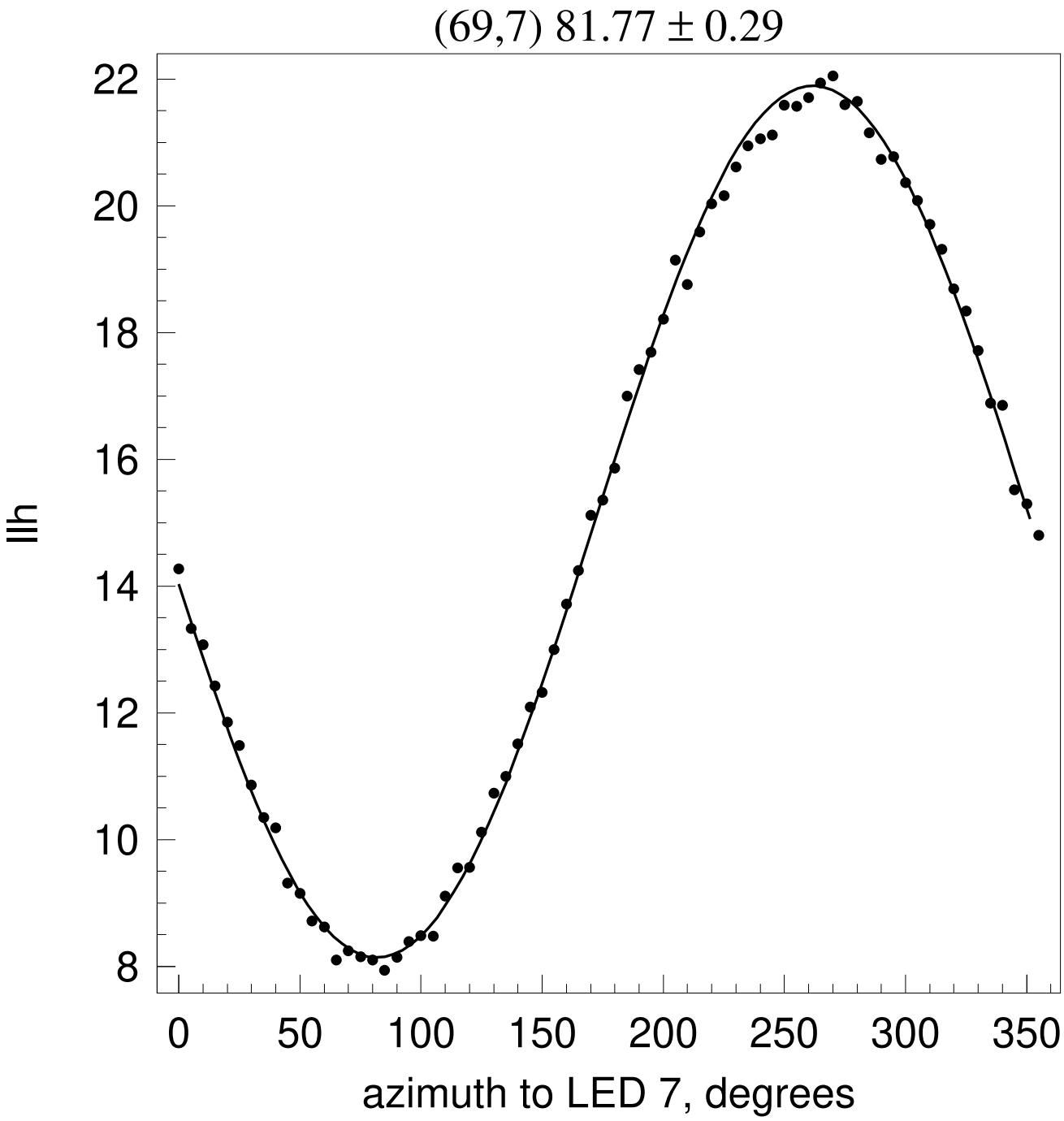

(69,2) 45.26 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

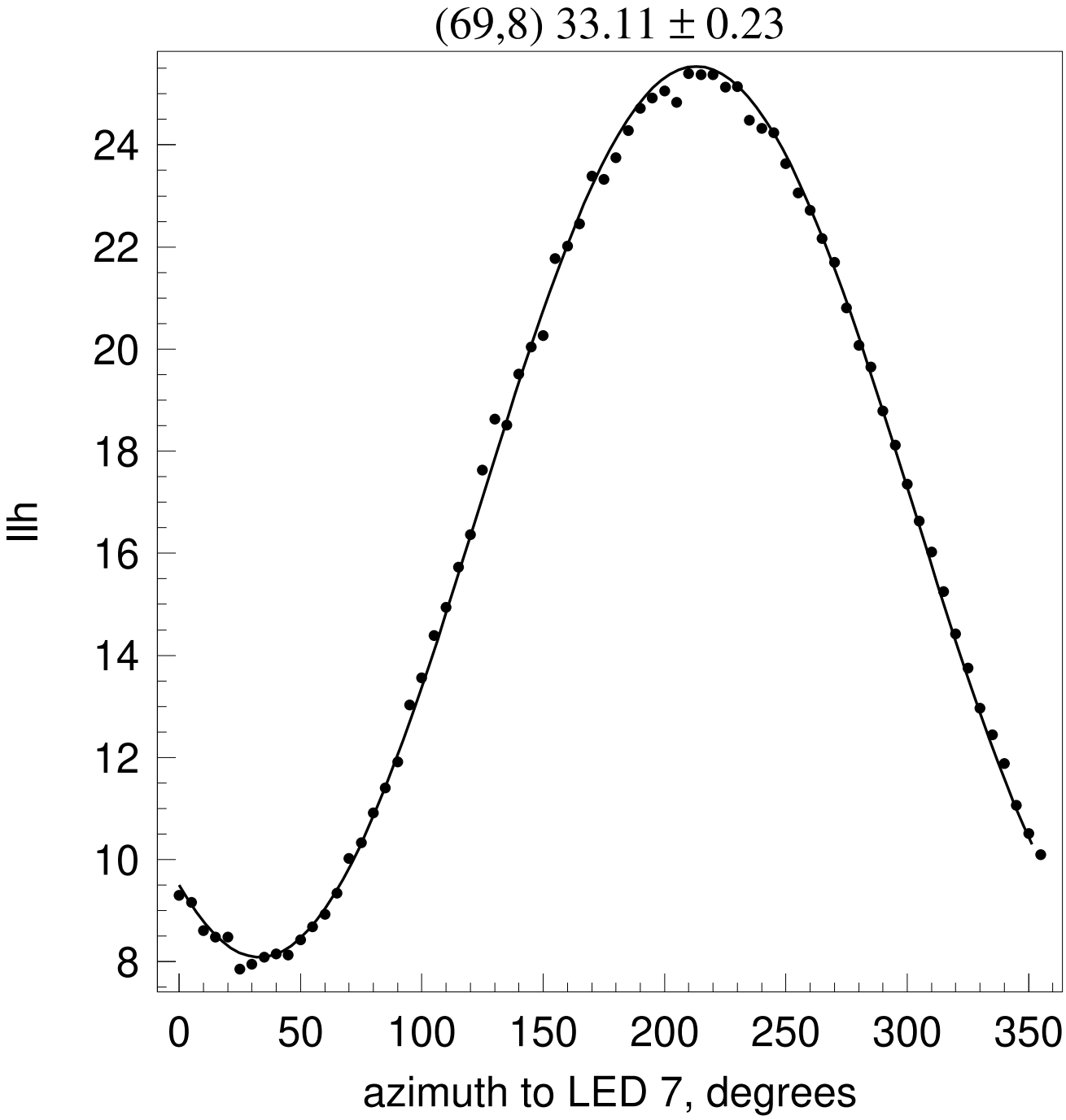

(69,3) 256.30 ± 0.28
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

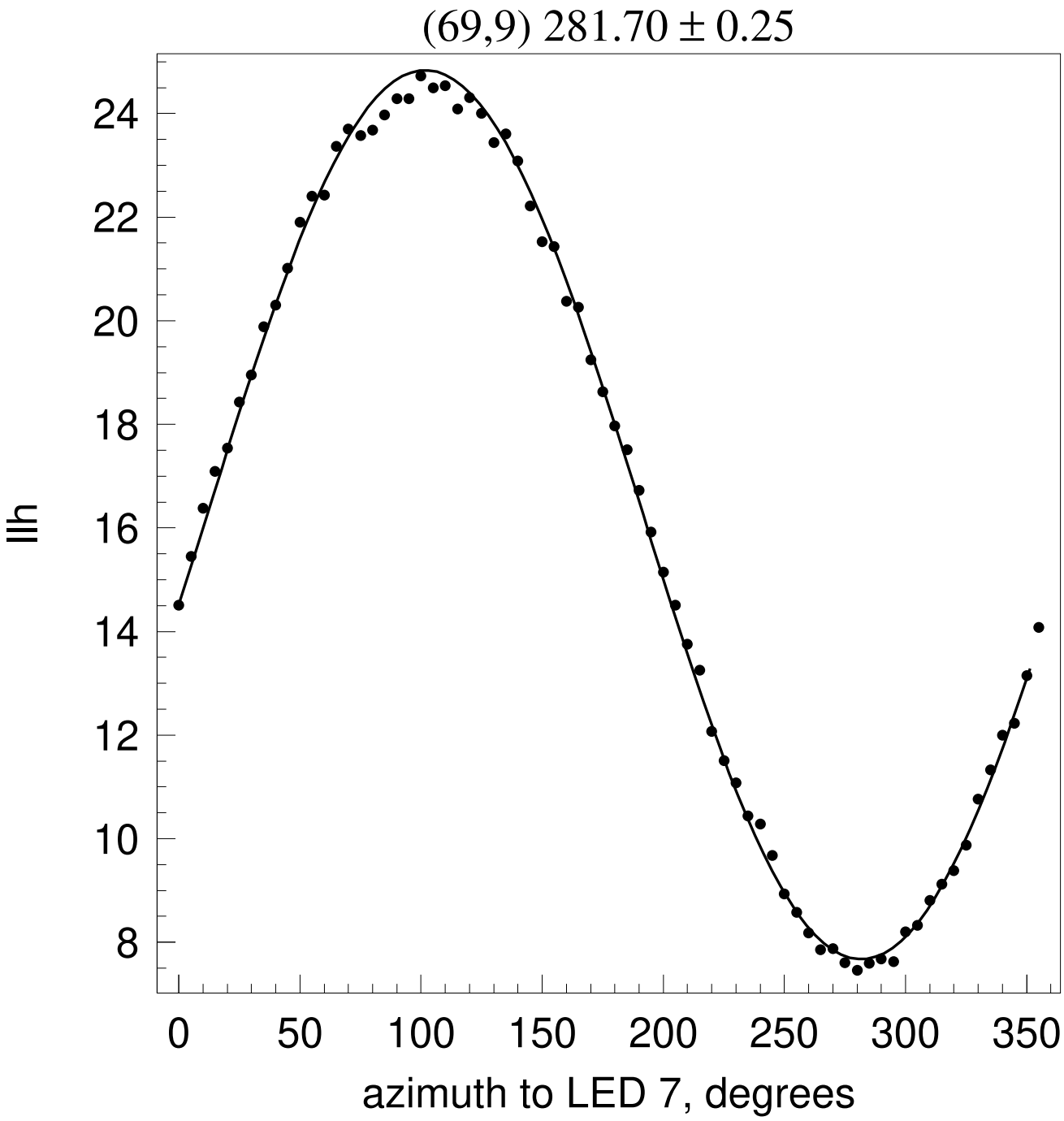

(69,4) 185.49 ± 0.30
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

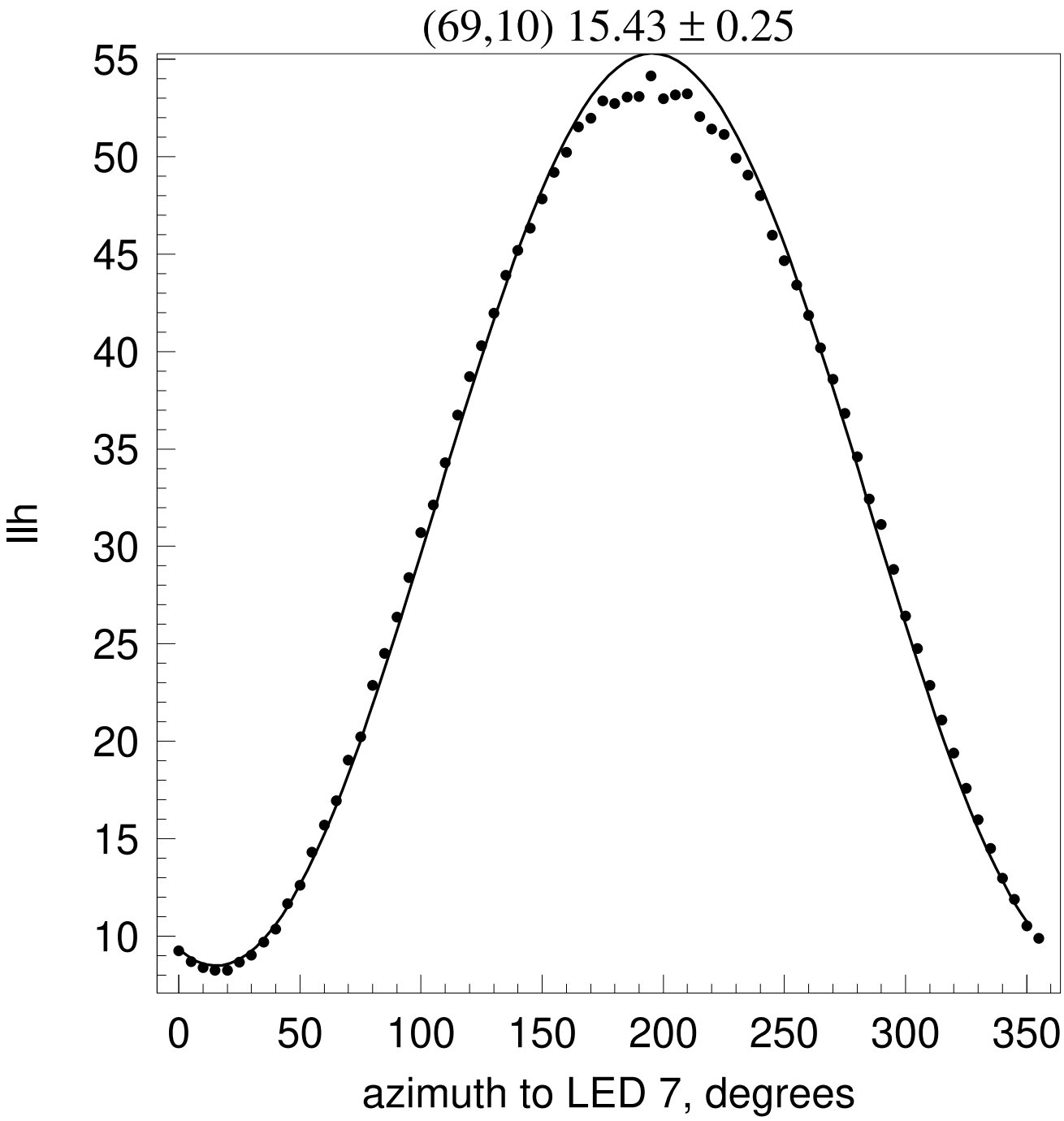

(69,5) 245.64 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

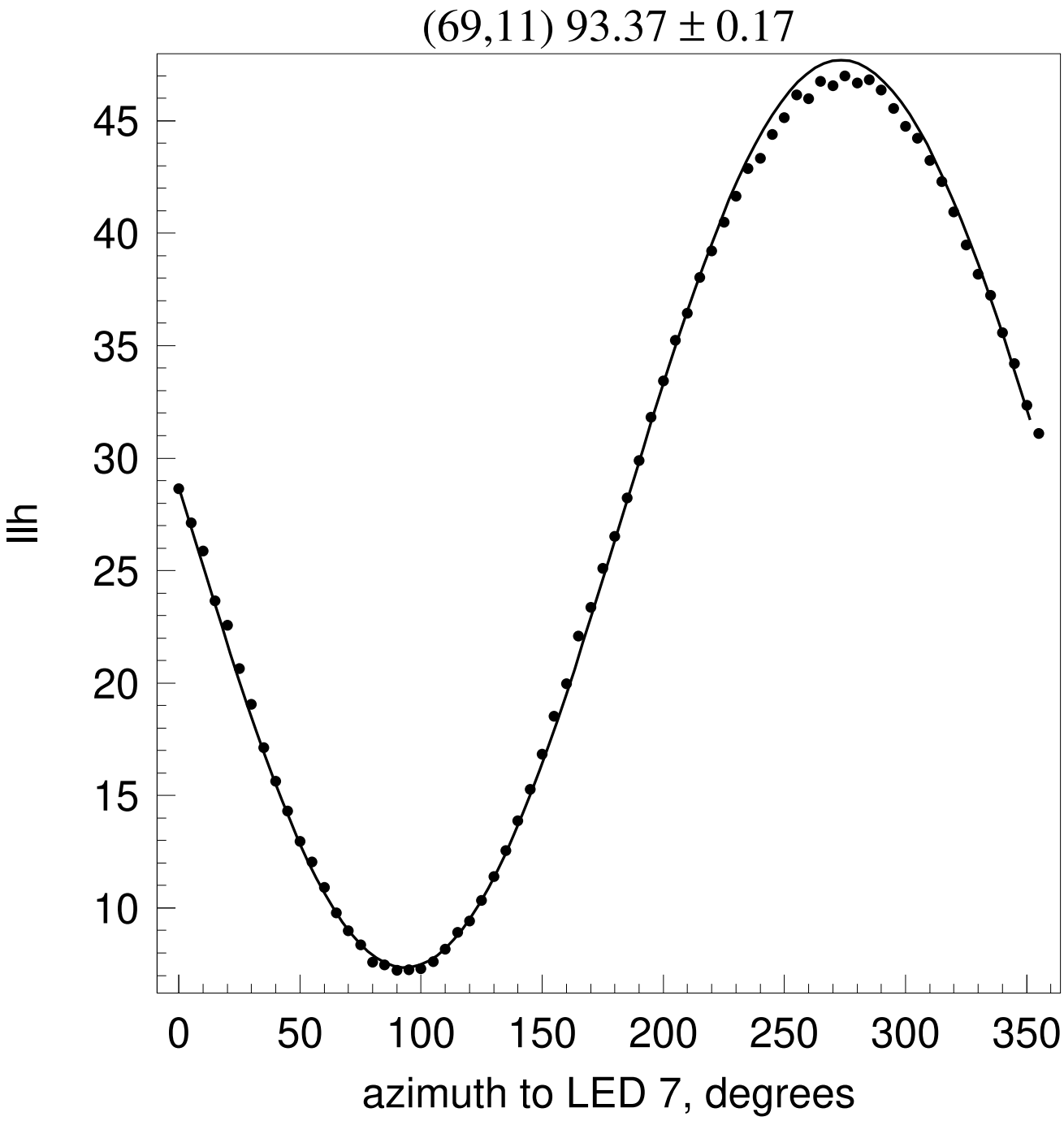

(69,6) 238.65 ± 0.16
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

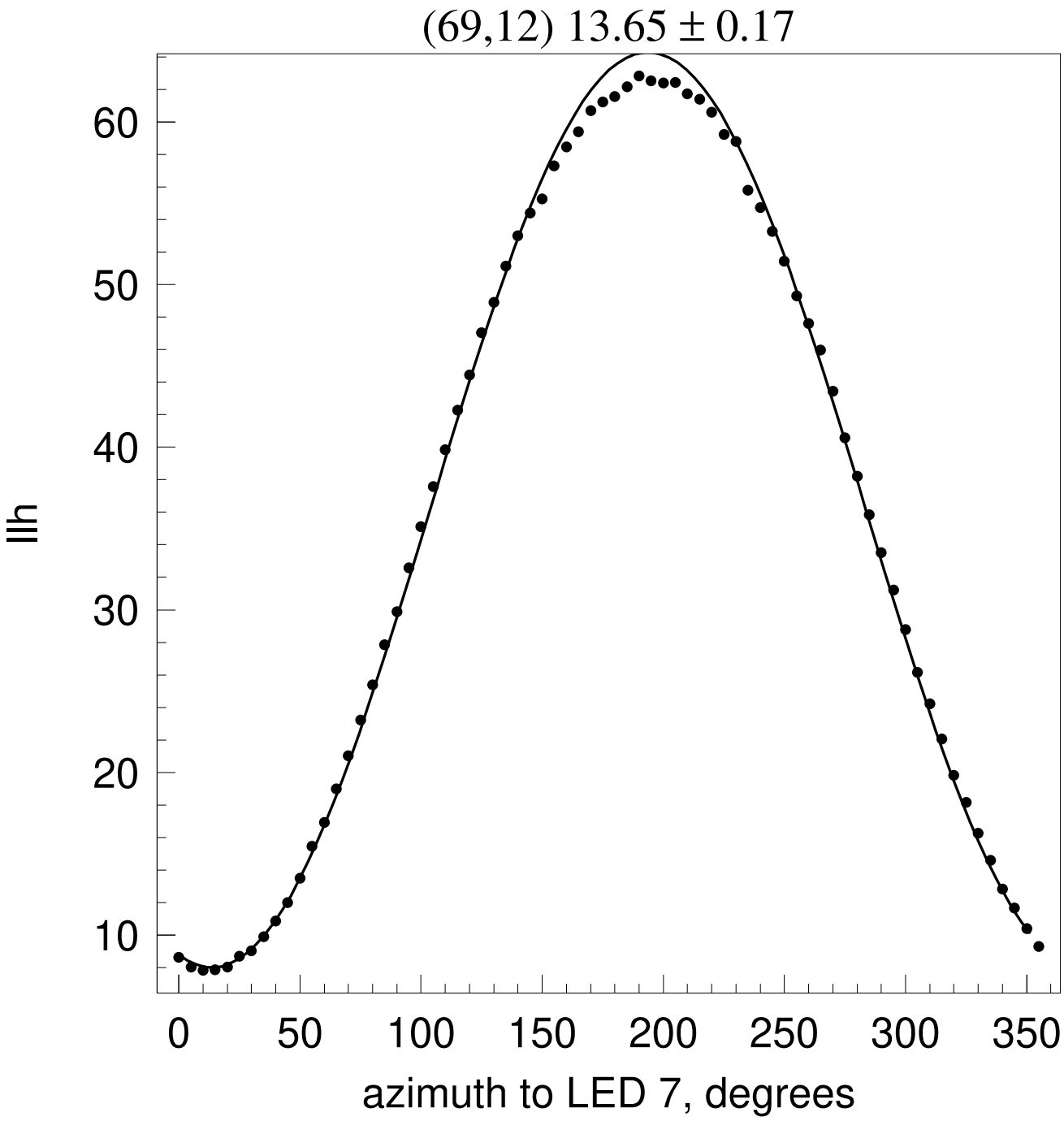

(69,7) 81.77 ± 0.29
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

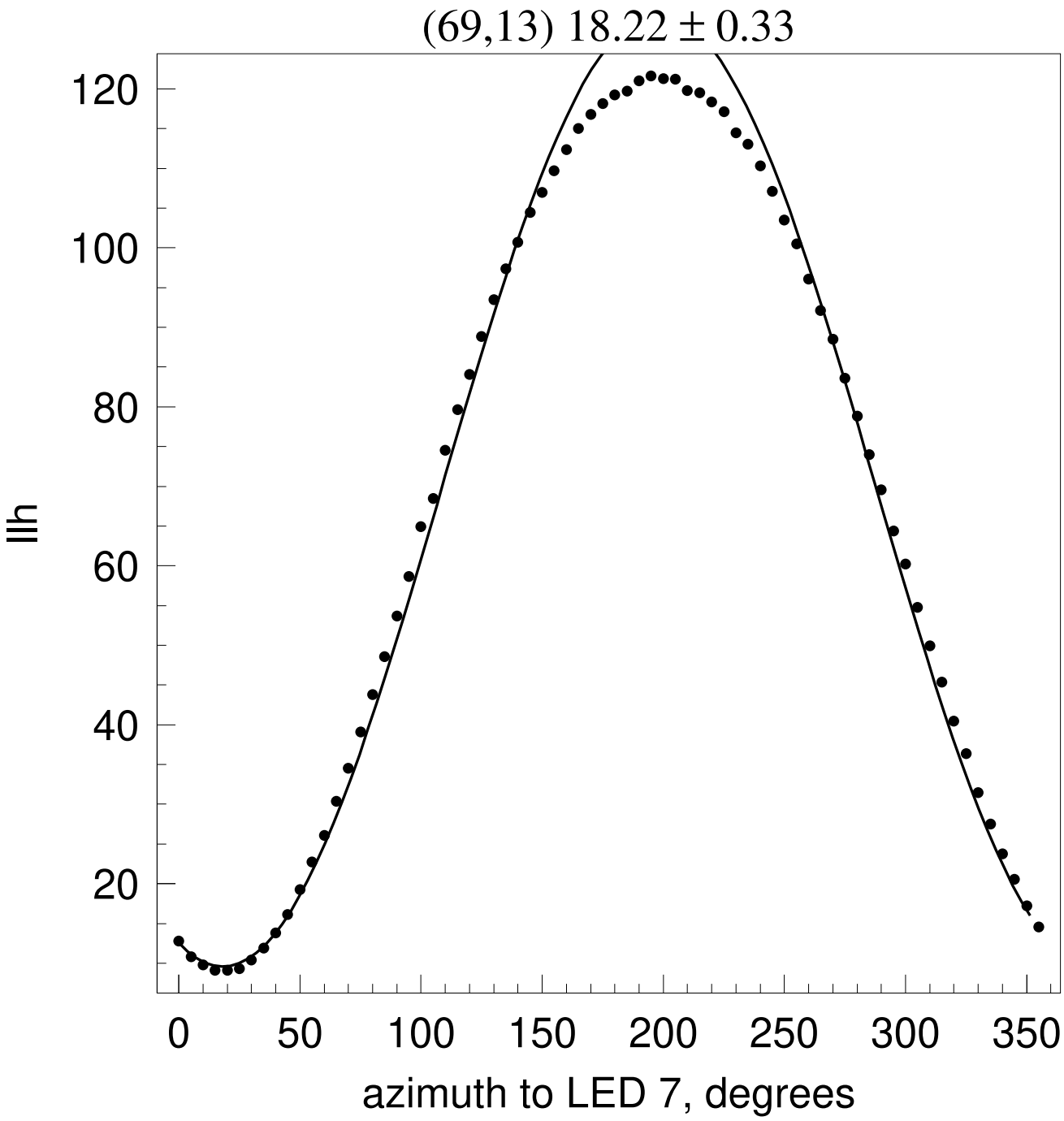

(69,8) 33.11 ± 0.23
llh
24
22
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

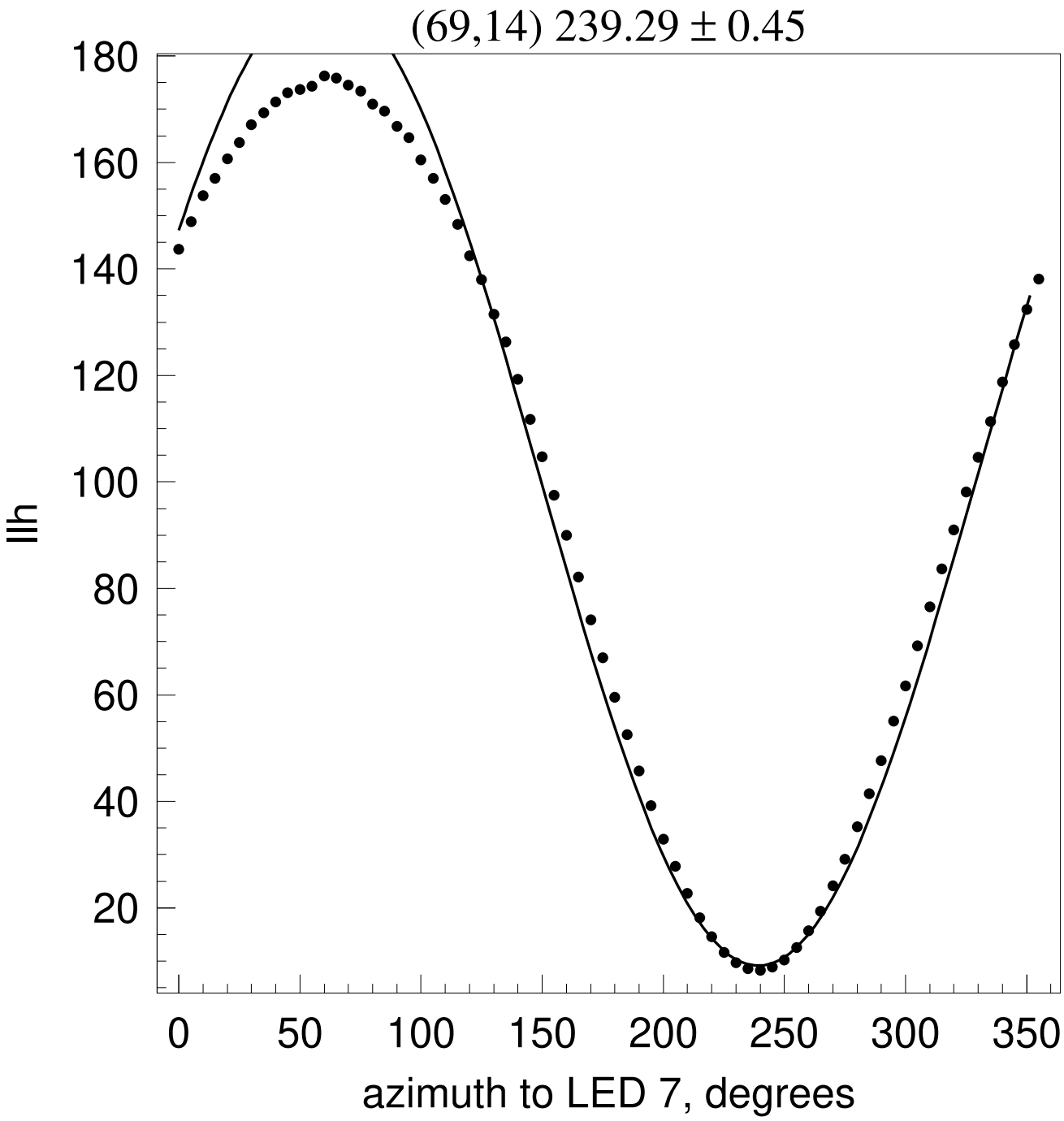

(69,9) 281.70 ± 0.25
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

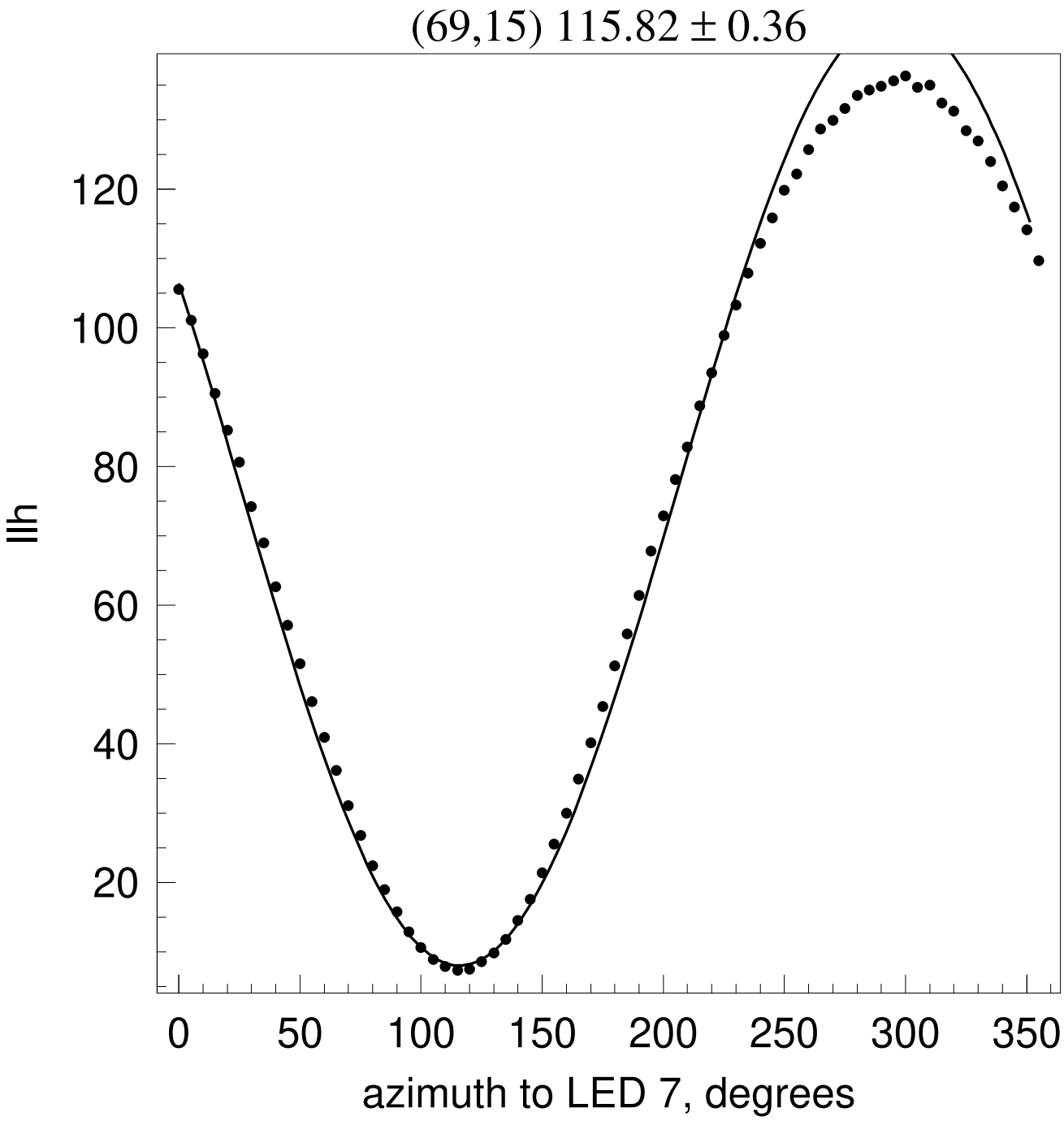

(69,10) 15.43 ± 0.25
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

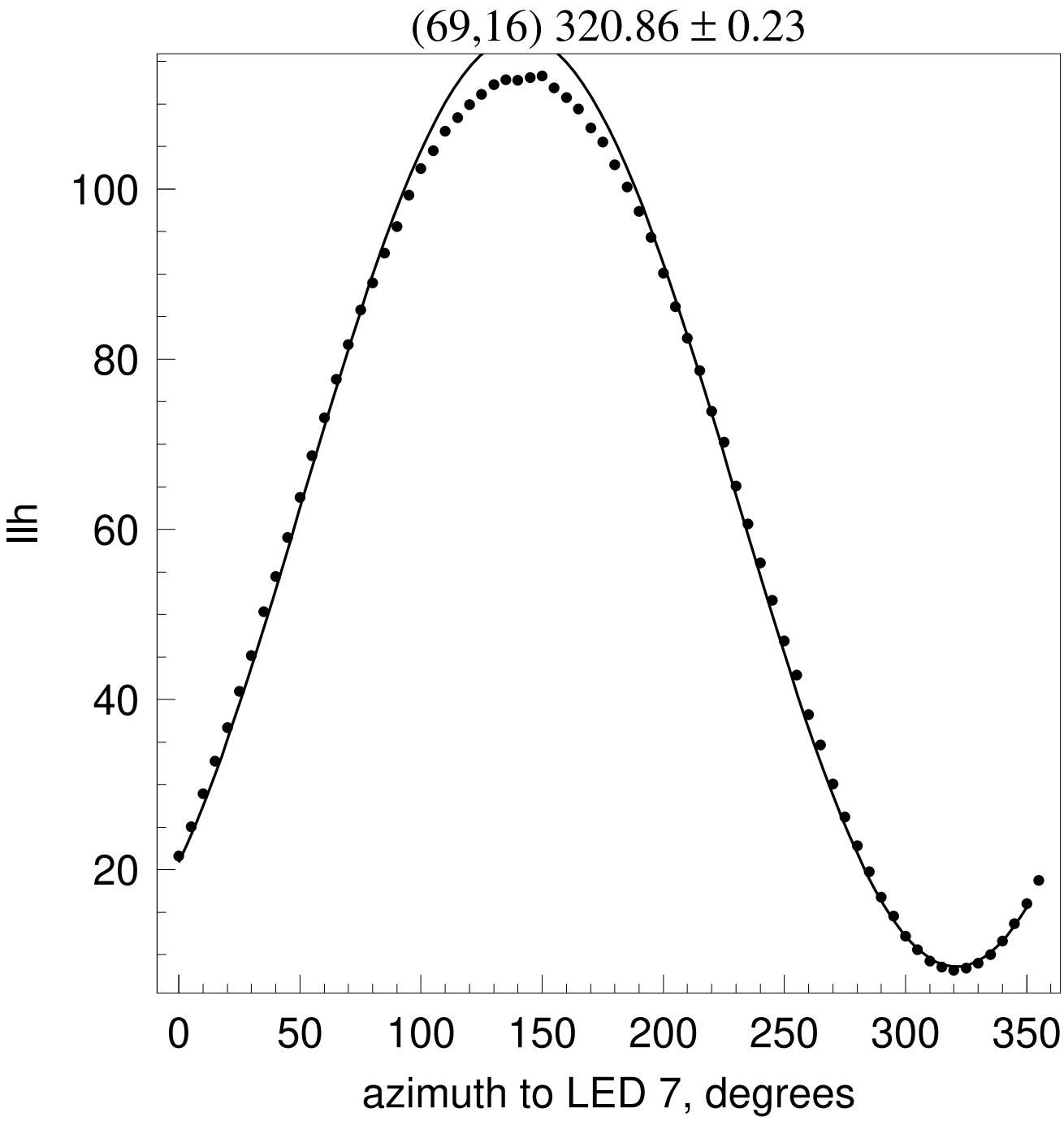

(69,11) 93.37 ± 0.17
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

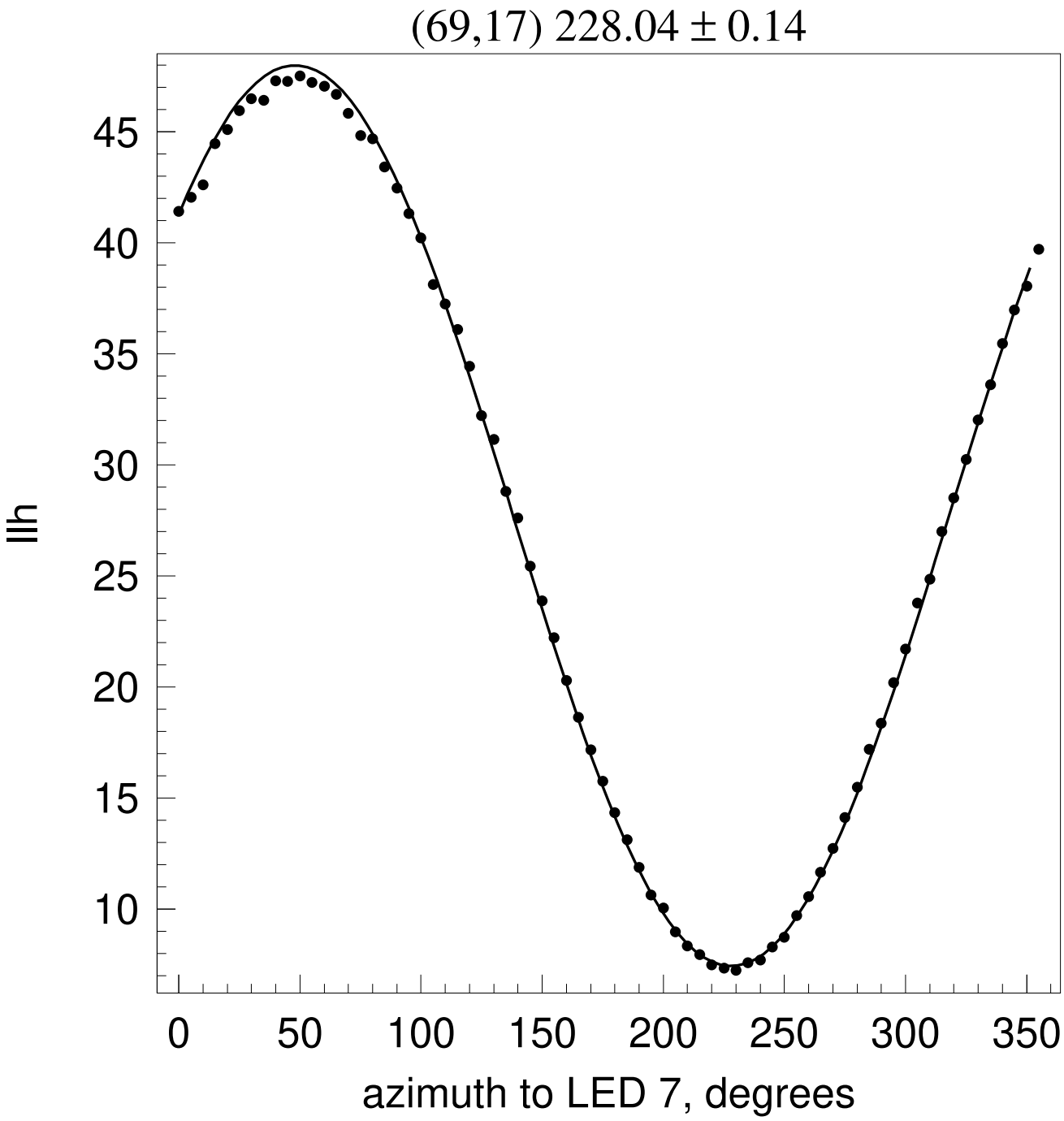

(69,12) 13.65 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

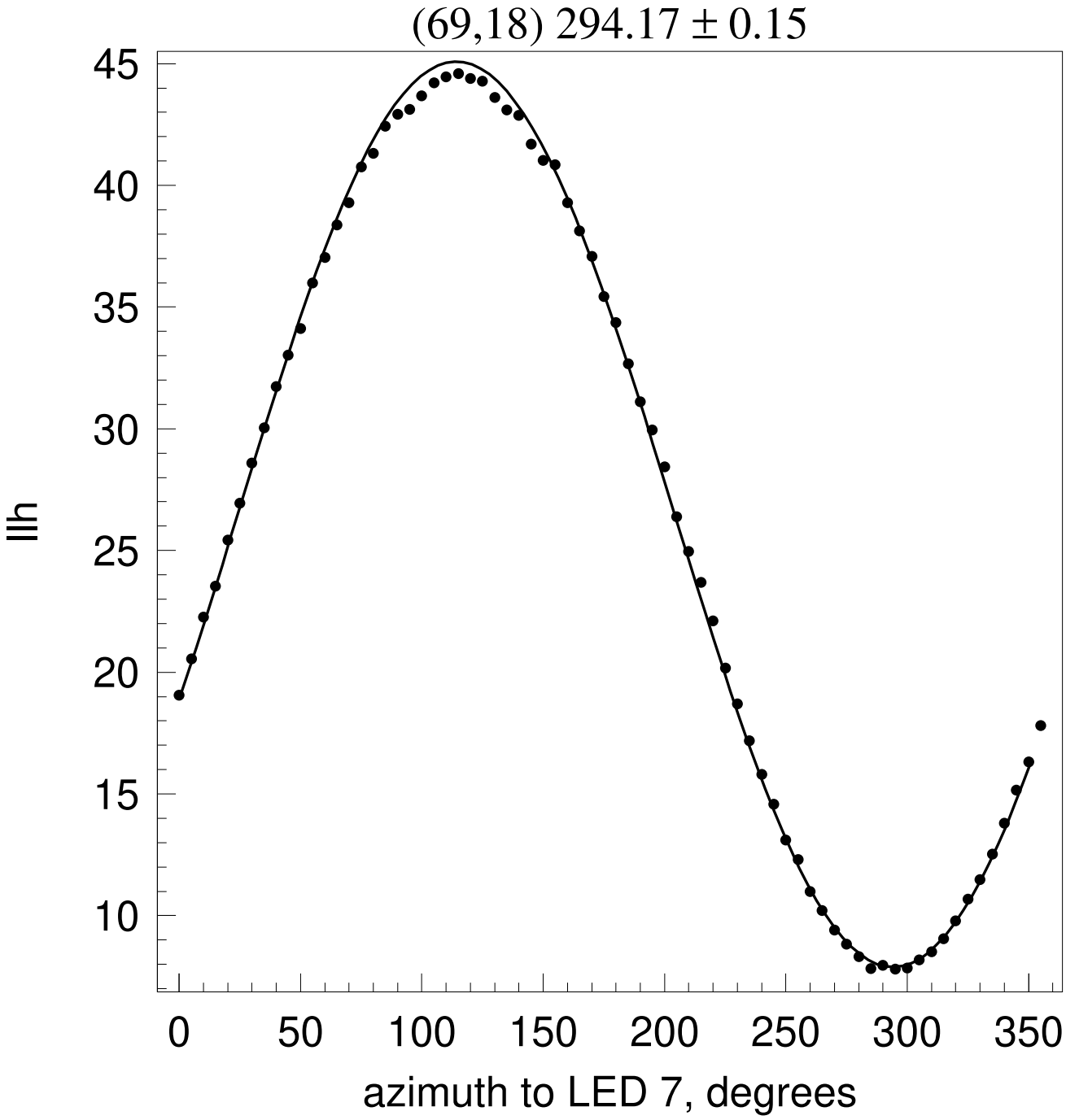

(69,13) 18.22 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

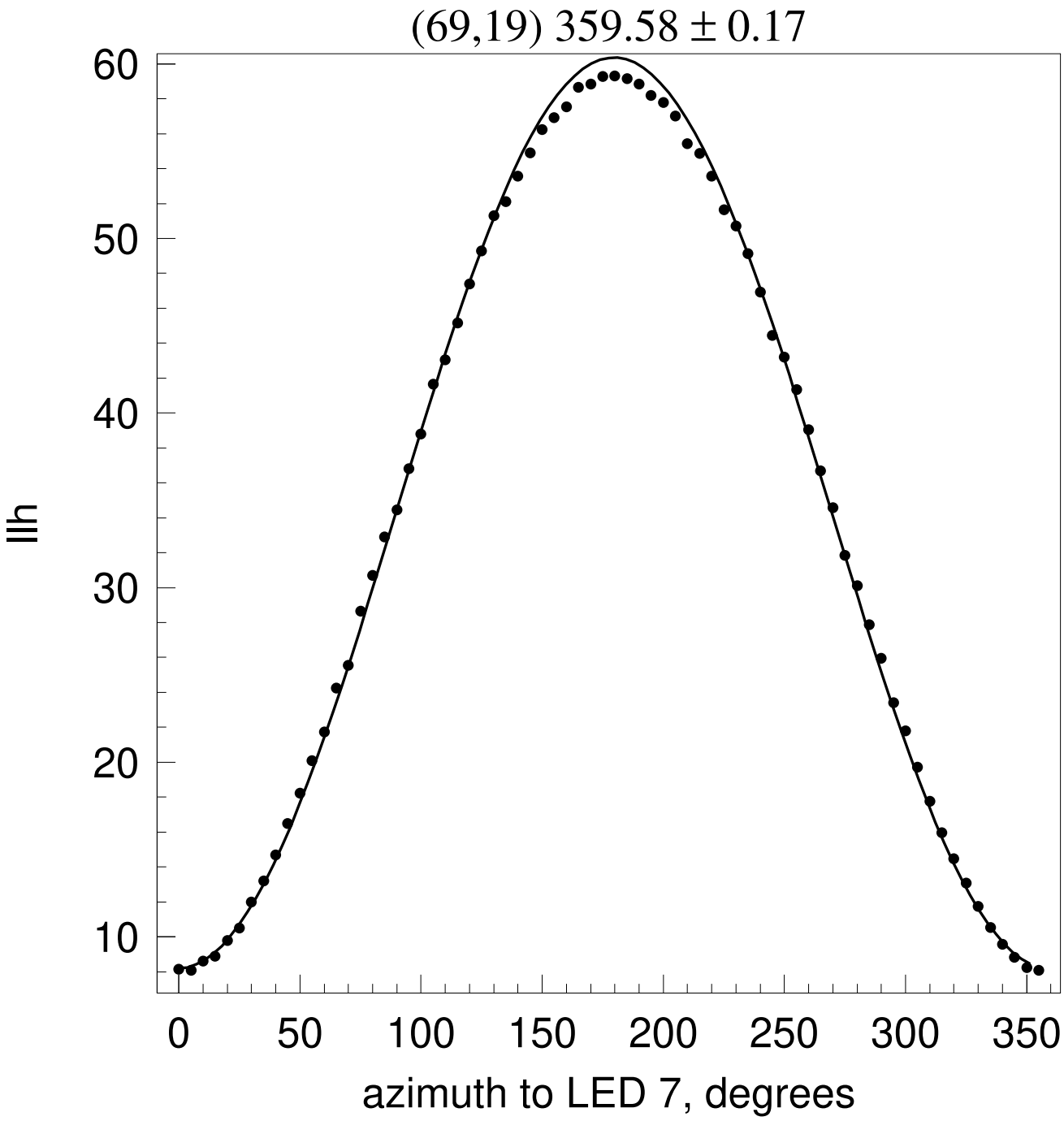

(69,14) 239.29 ± 0.45
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

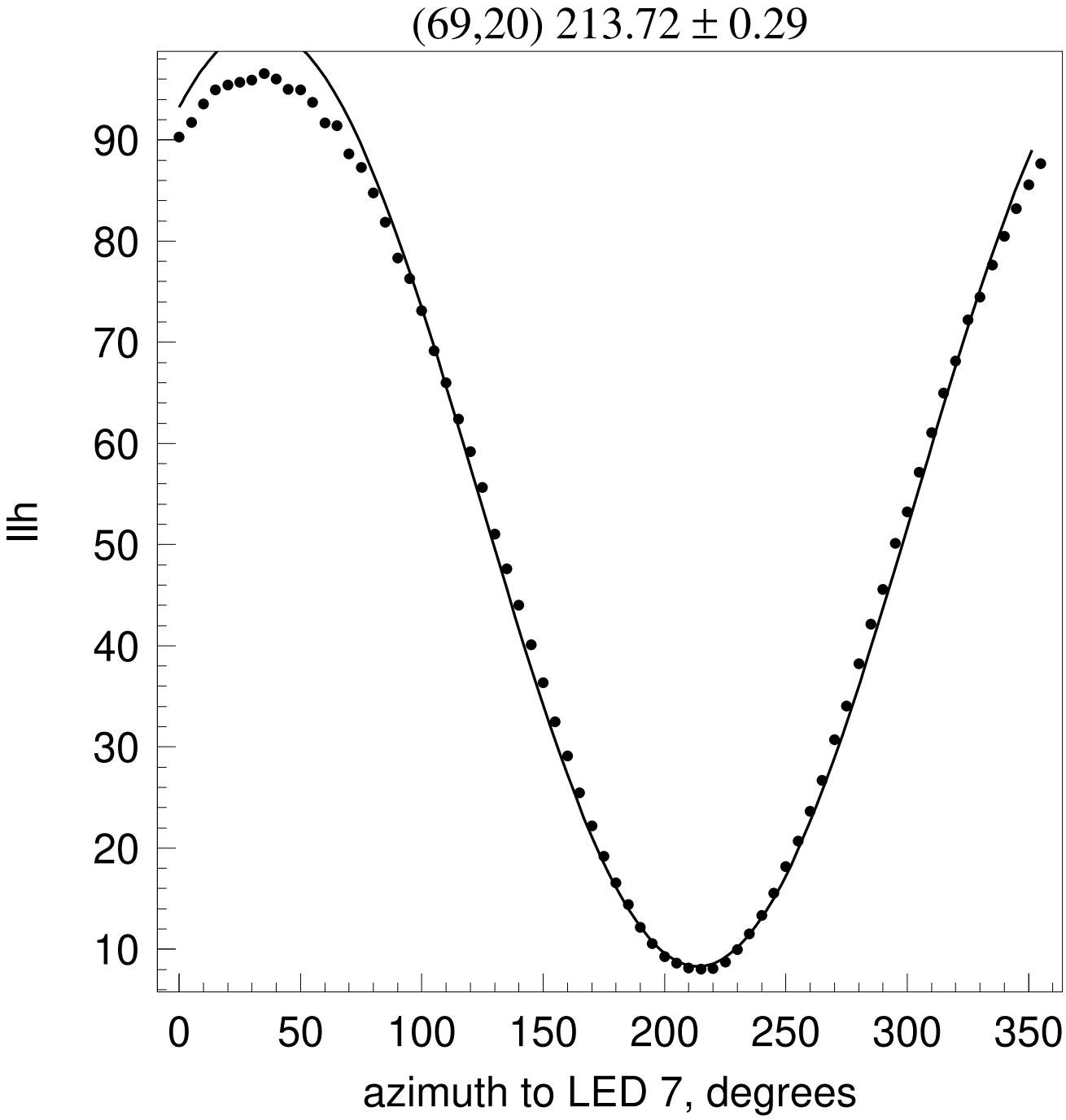

(69,15) 115.82 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

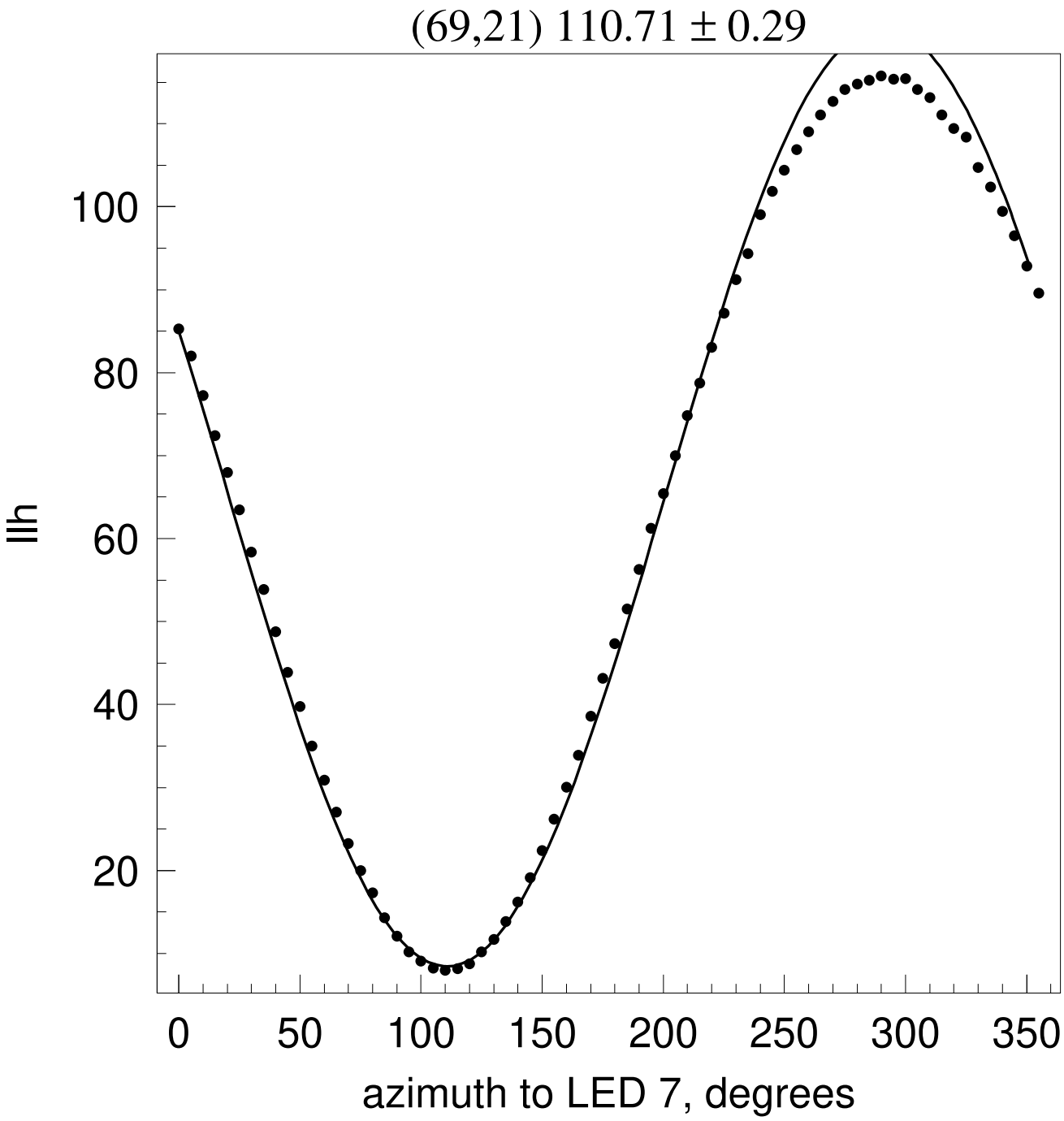

(69,16) 320.86 ± 0.23
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

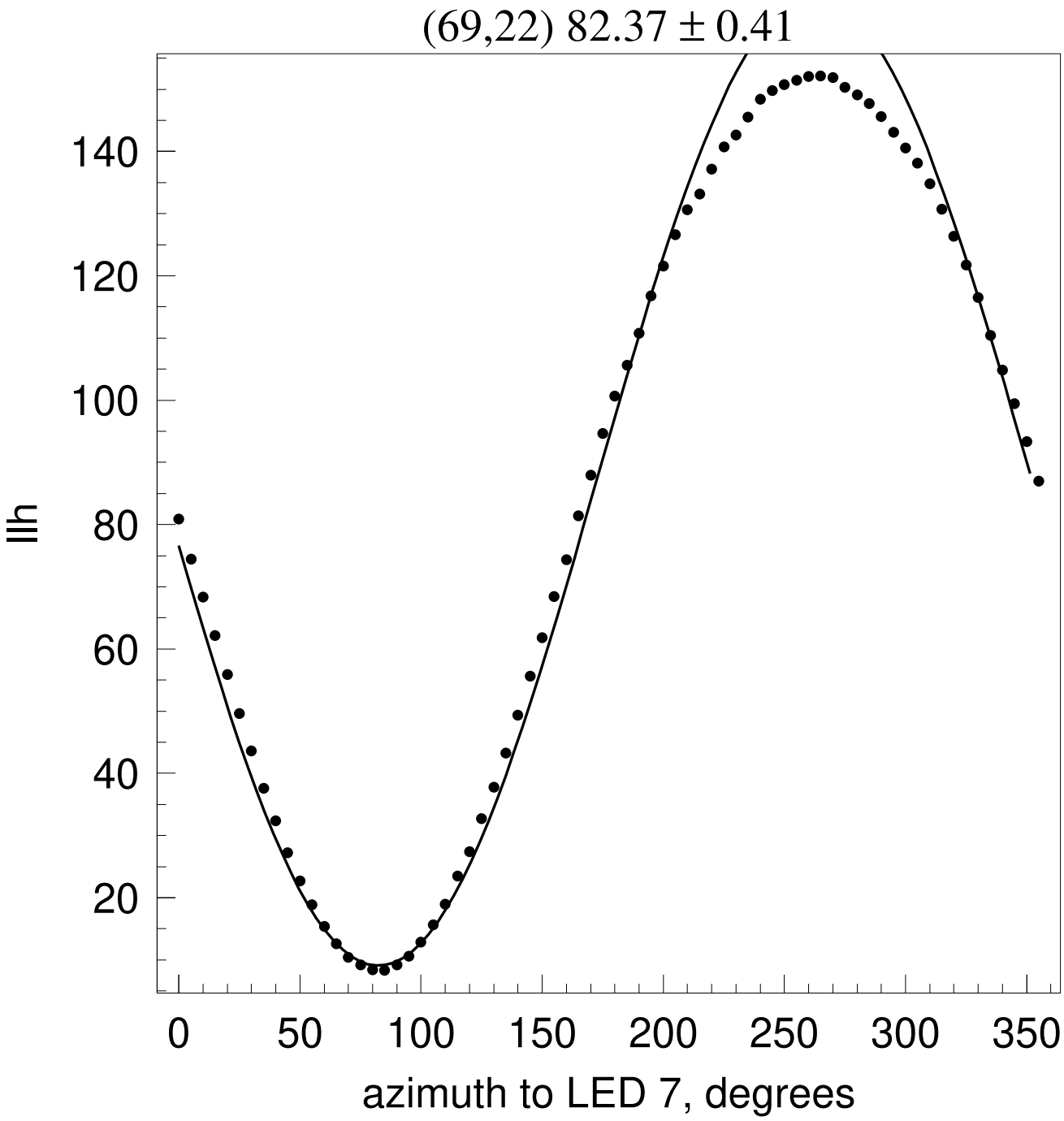

(69,17) 228.04 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

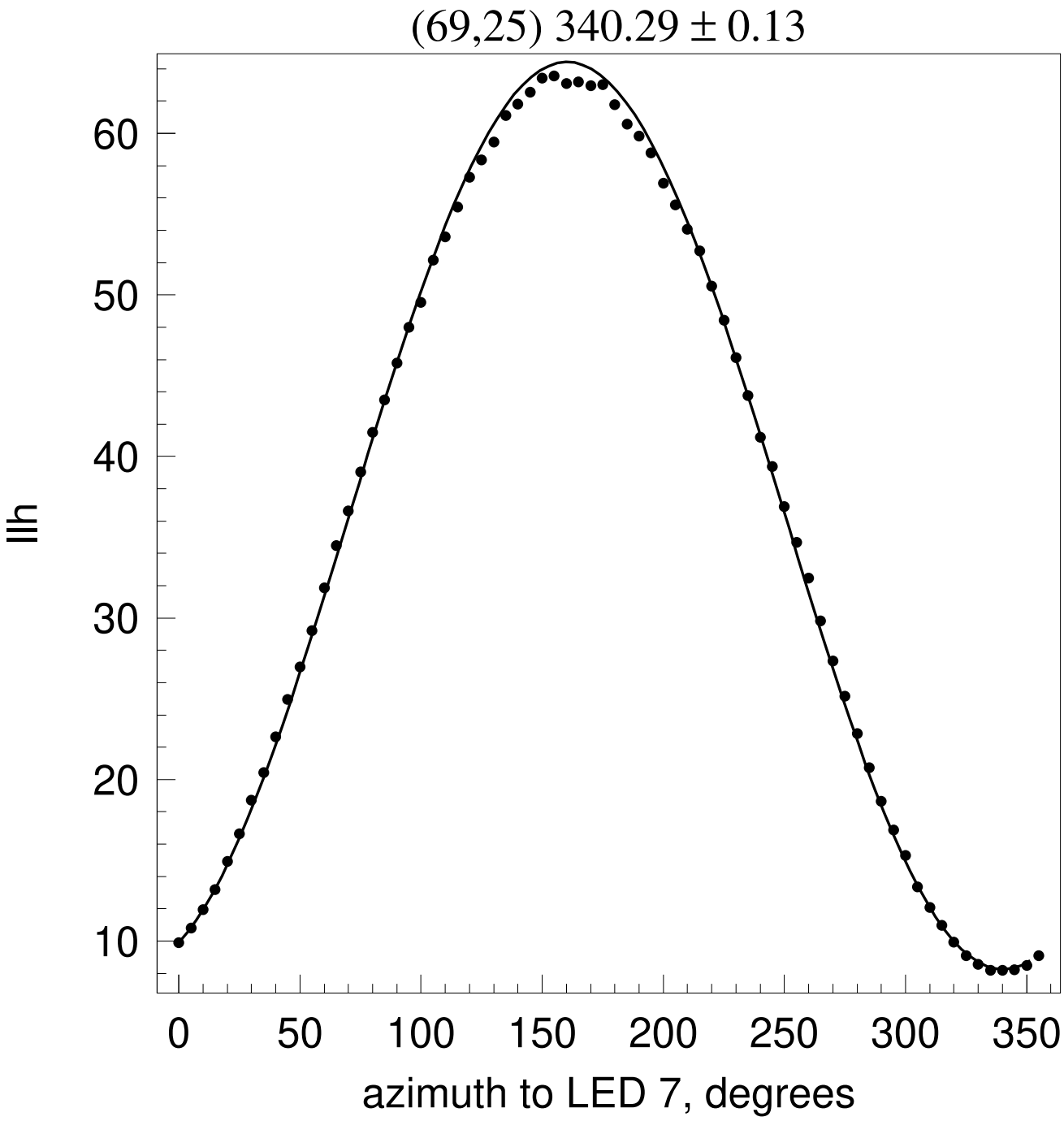

(69,18) 294.17 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

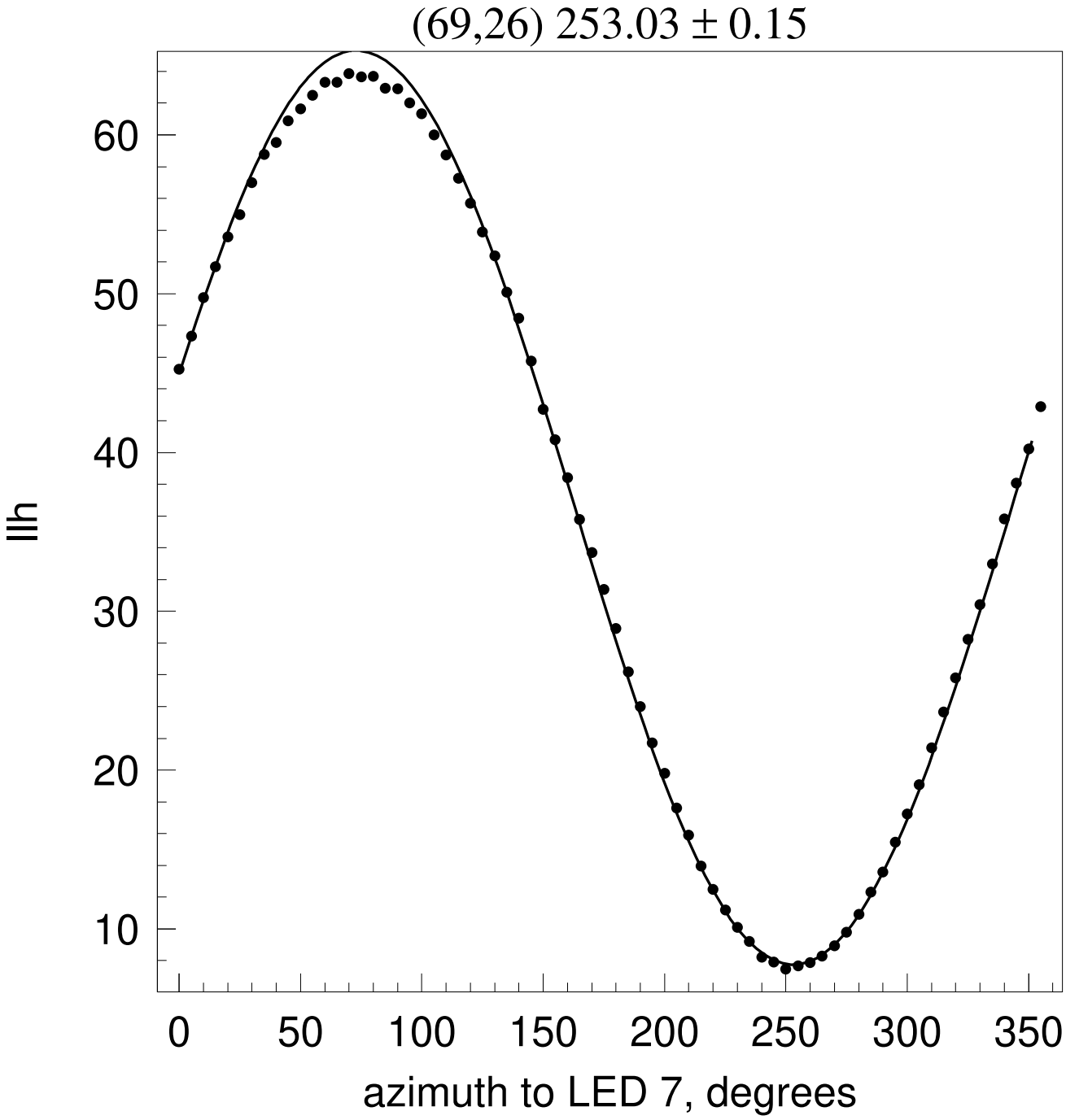

(69,19) 359.58 ± 0.17
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

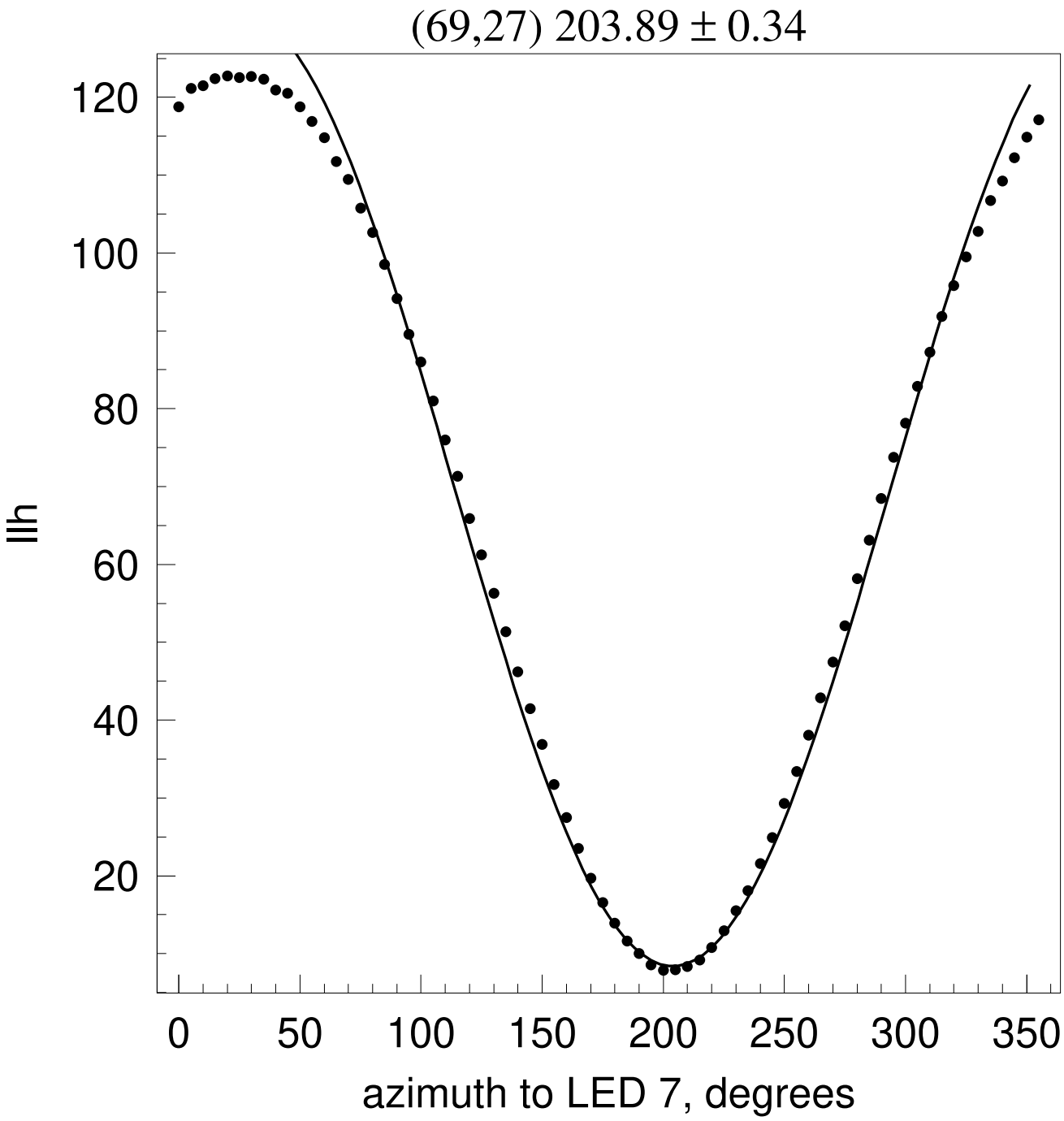

(69,20) 213.72 ± 0.29
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

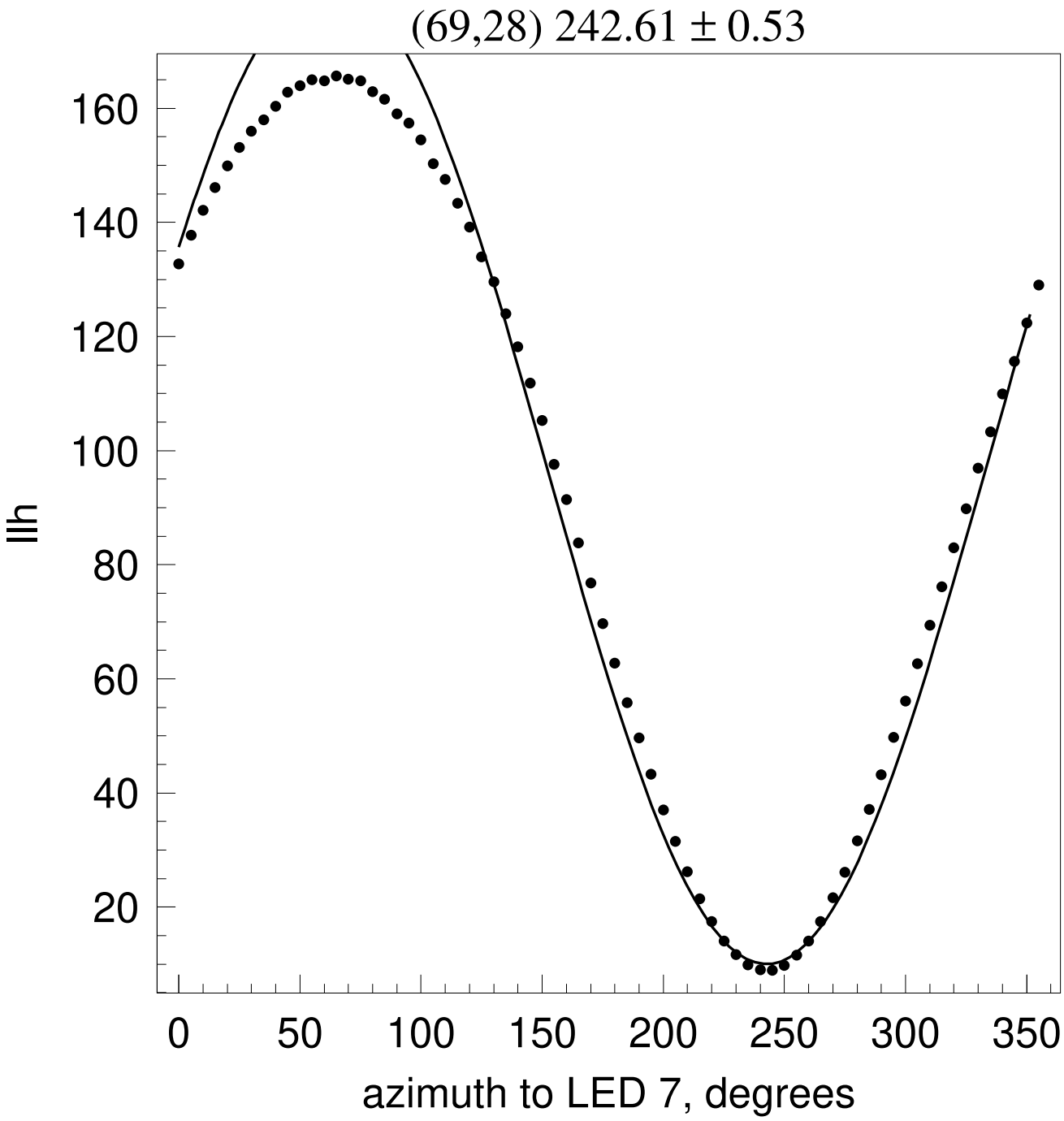

(69,21) 110.71 ± 0.29
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

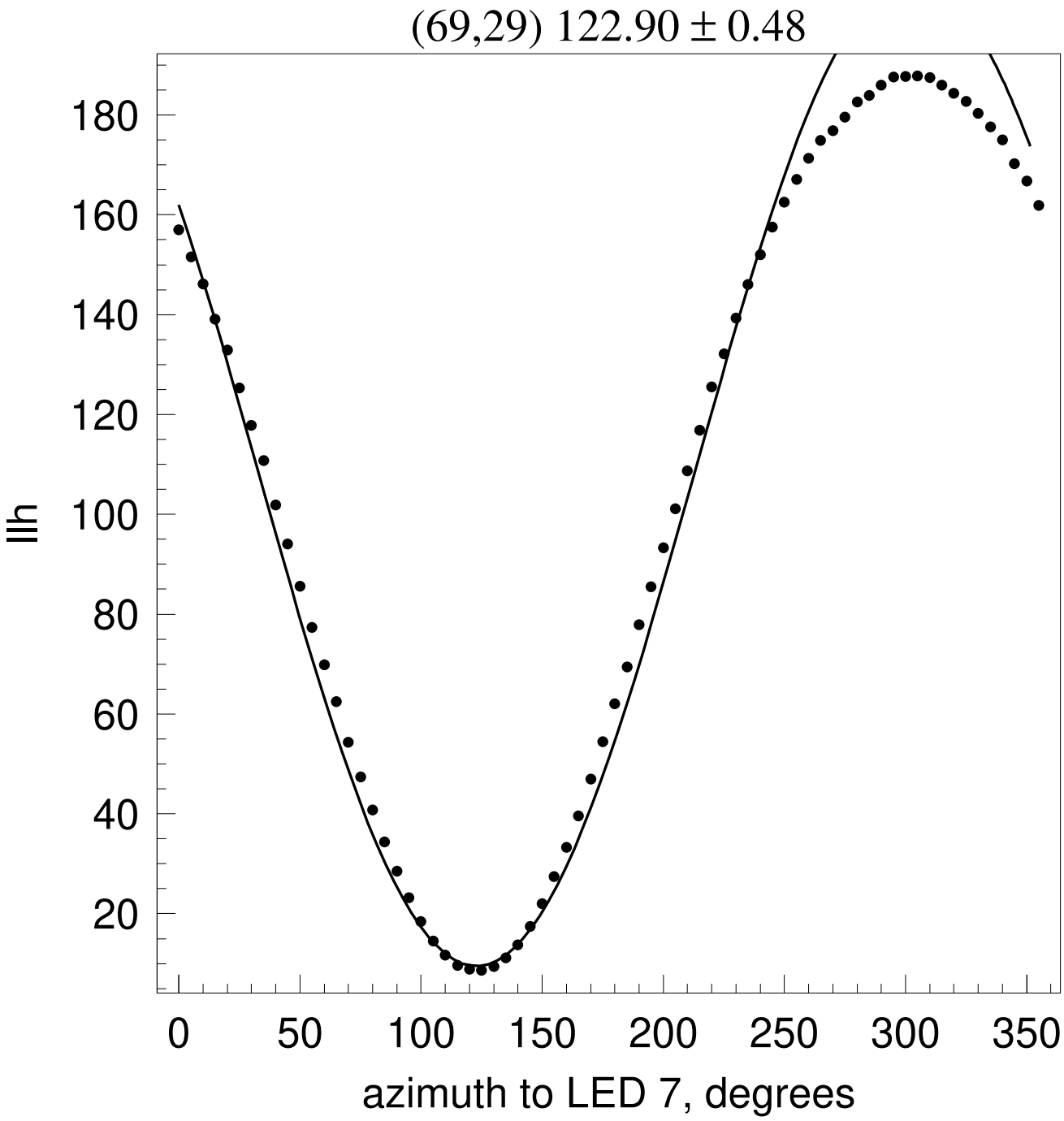

(69,22) 82.37 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

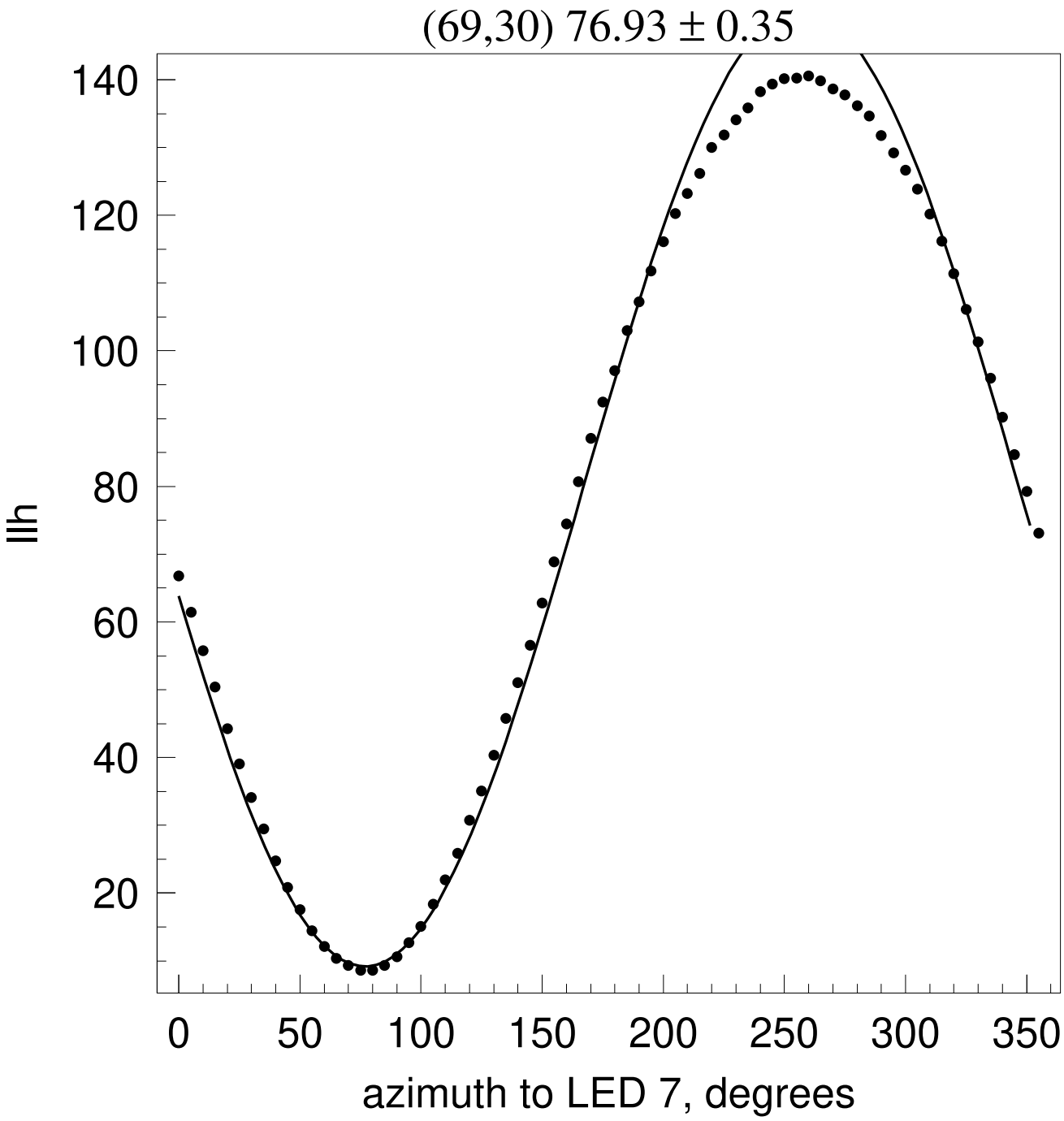

(69,25) 340.29 ± 0.13
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

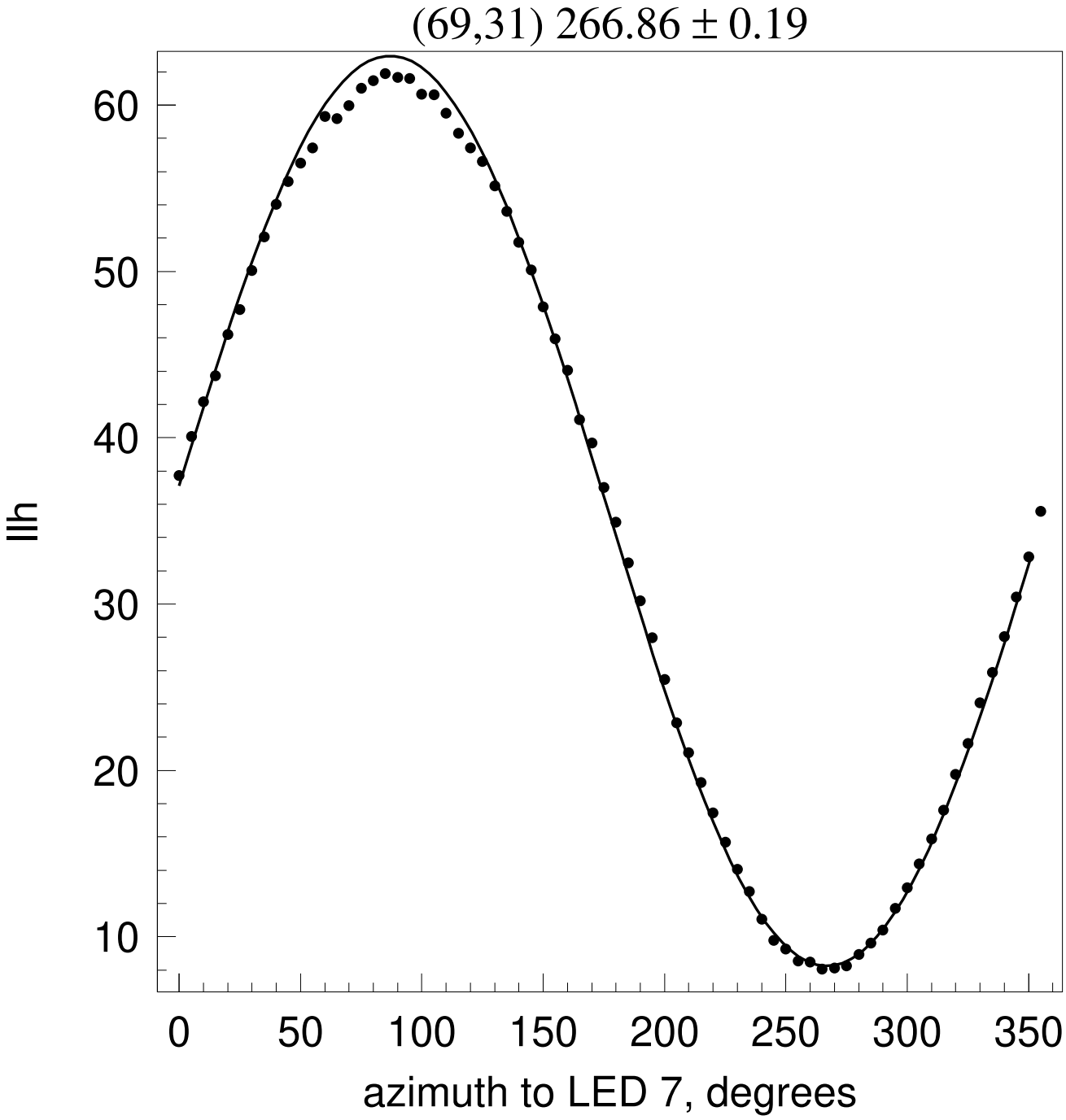

(69,26) 253.03 ± 0.15
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

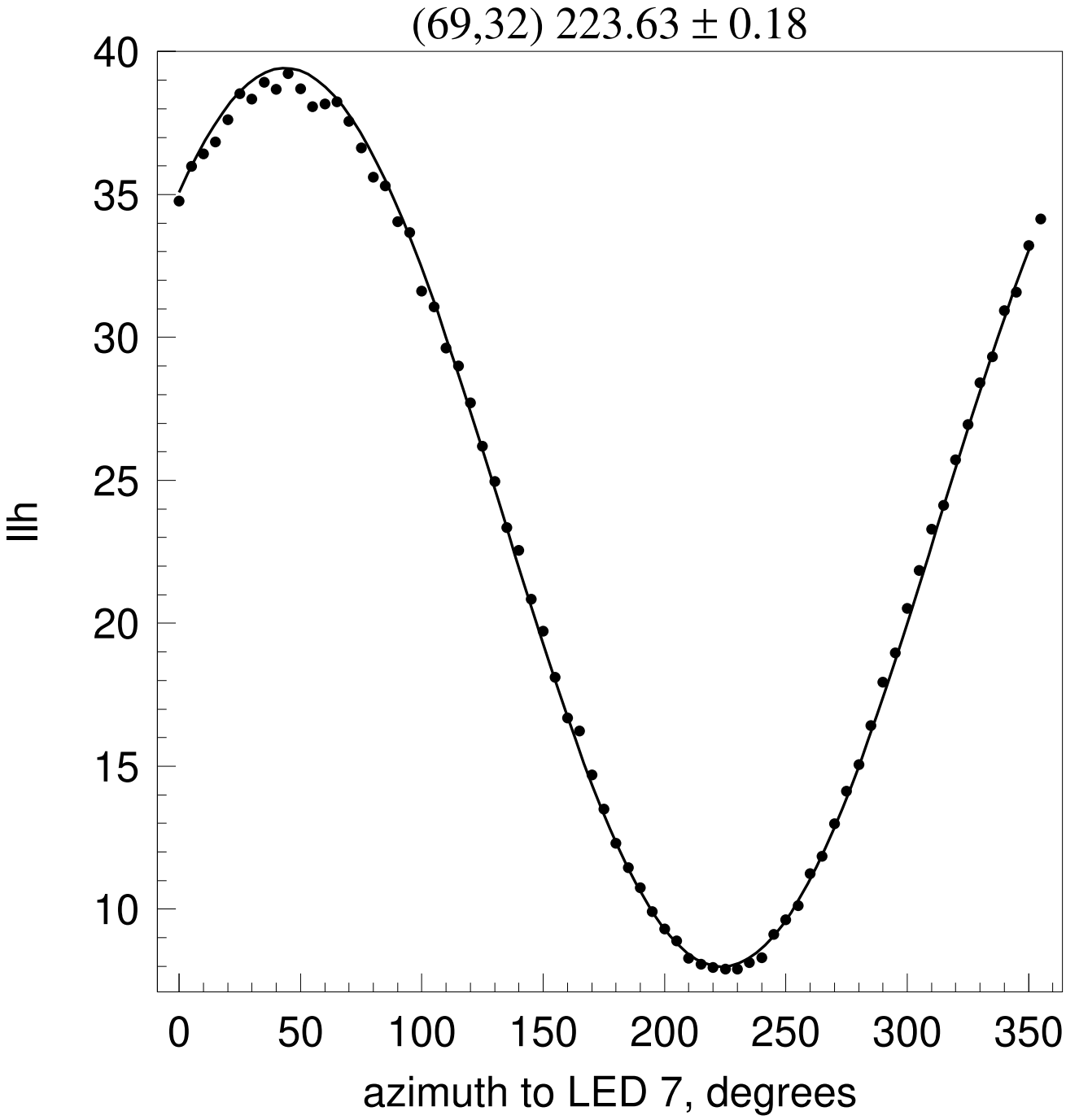

(69,27) 203.89 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

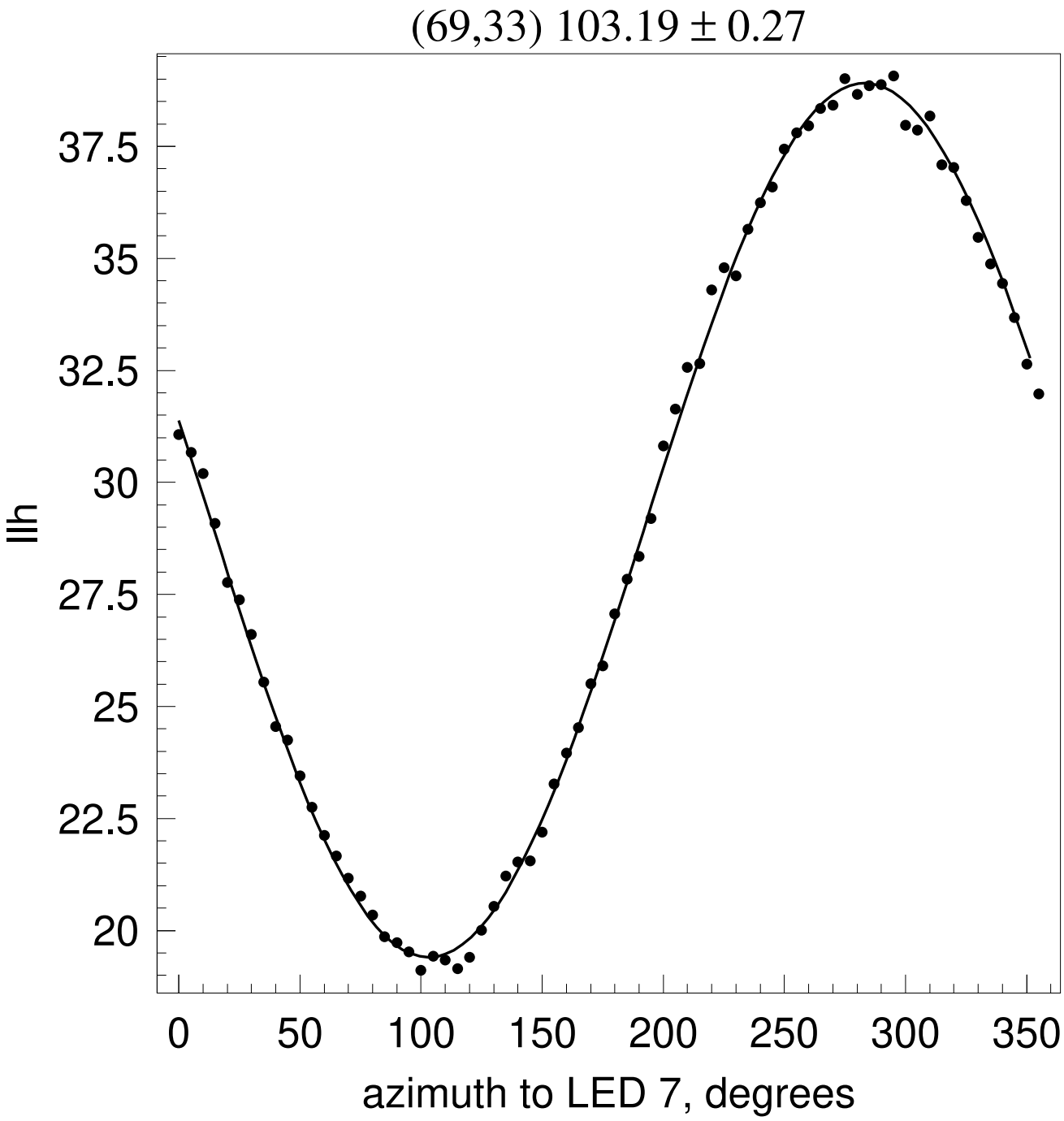

(69,28) 242.61 ± 0.53
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

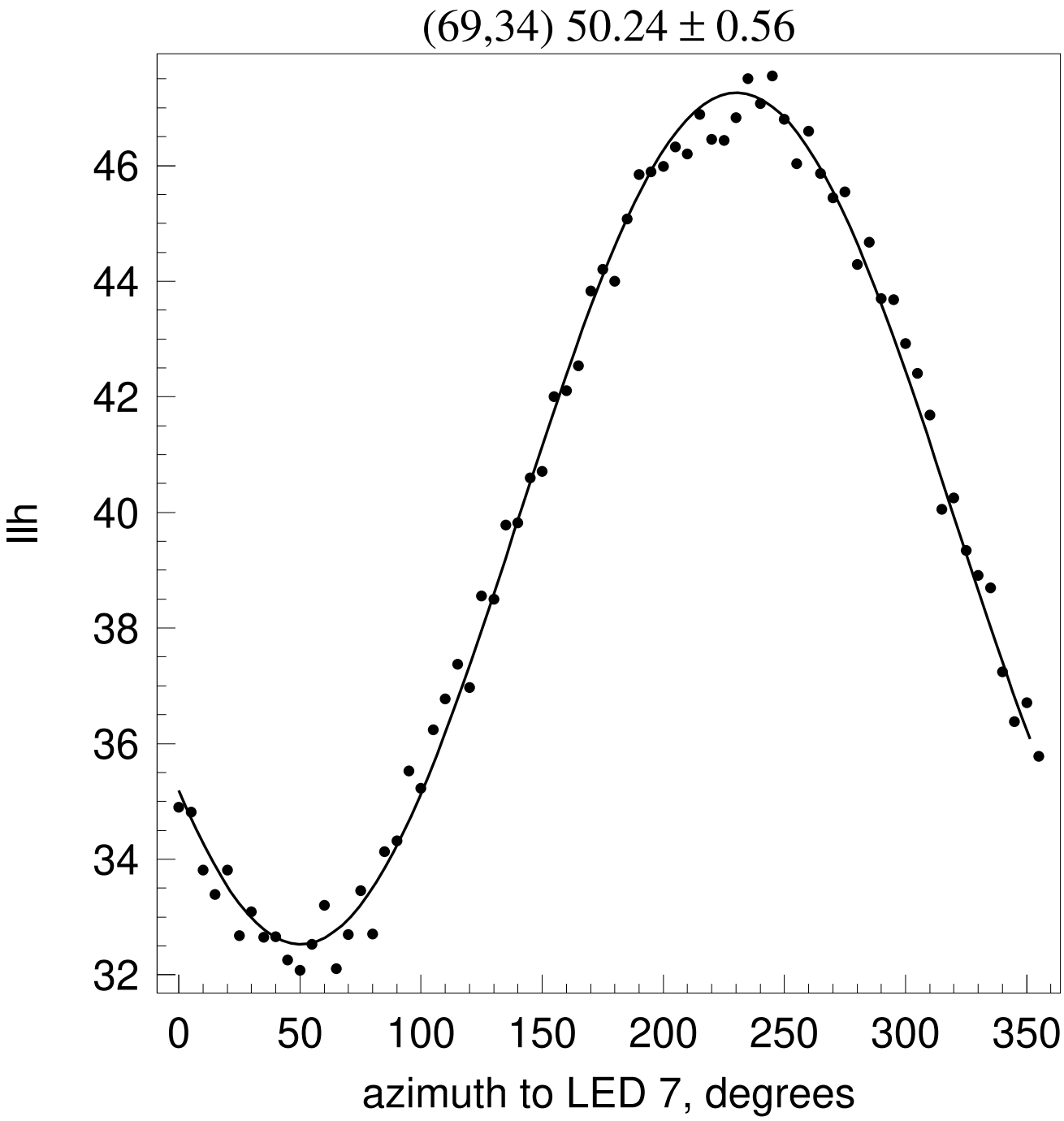

(69,29) 122.90 ± 0.48
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

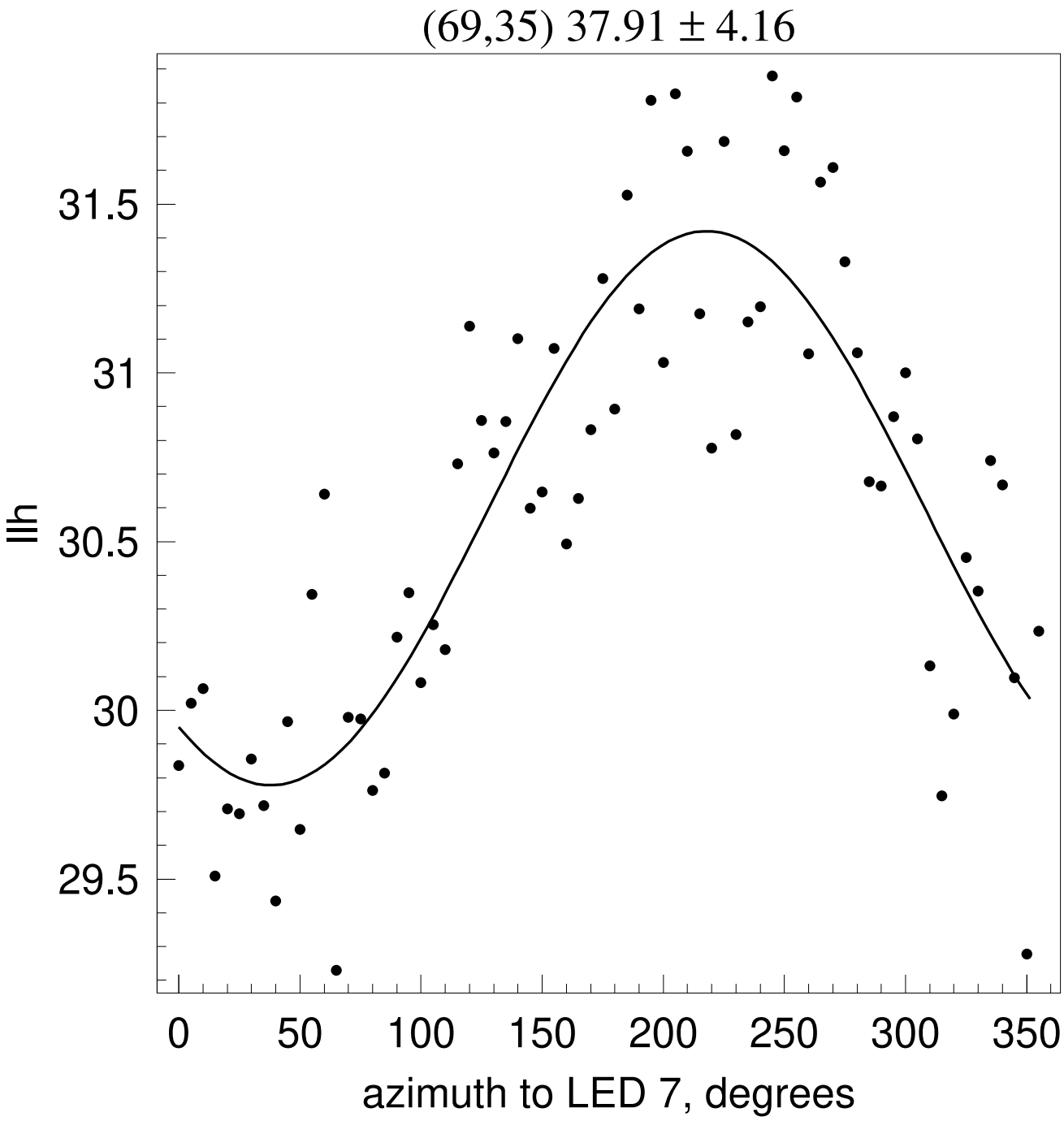

(69,30) 76.93 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

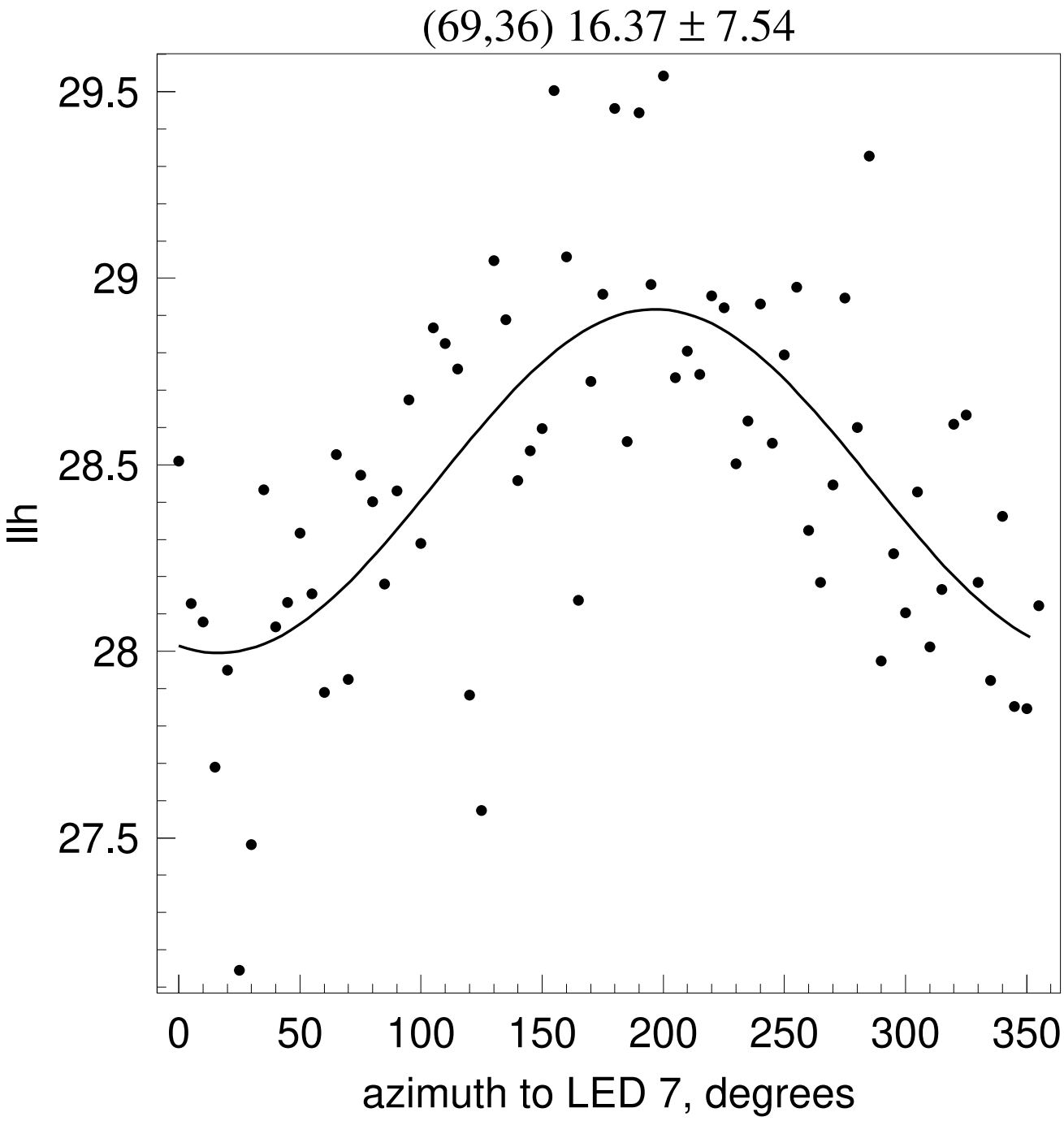

(69,31) 266.86 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

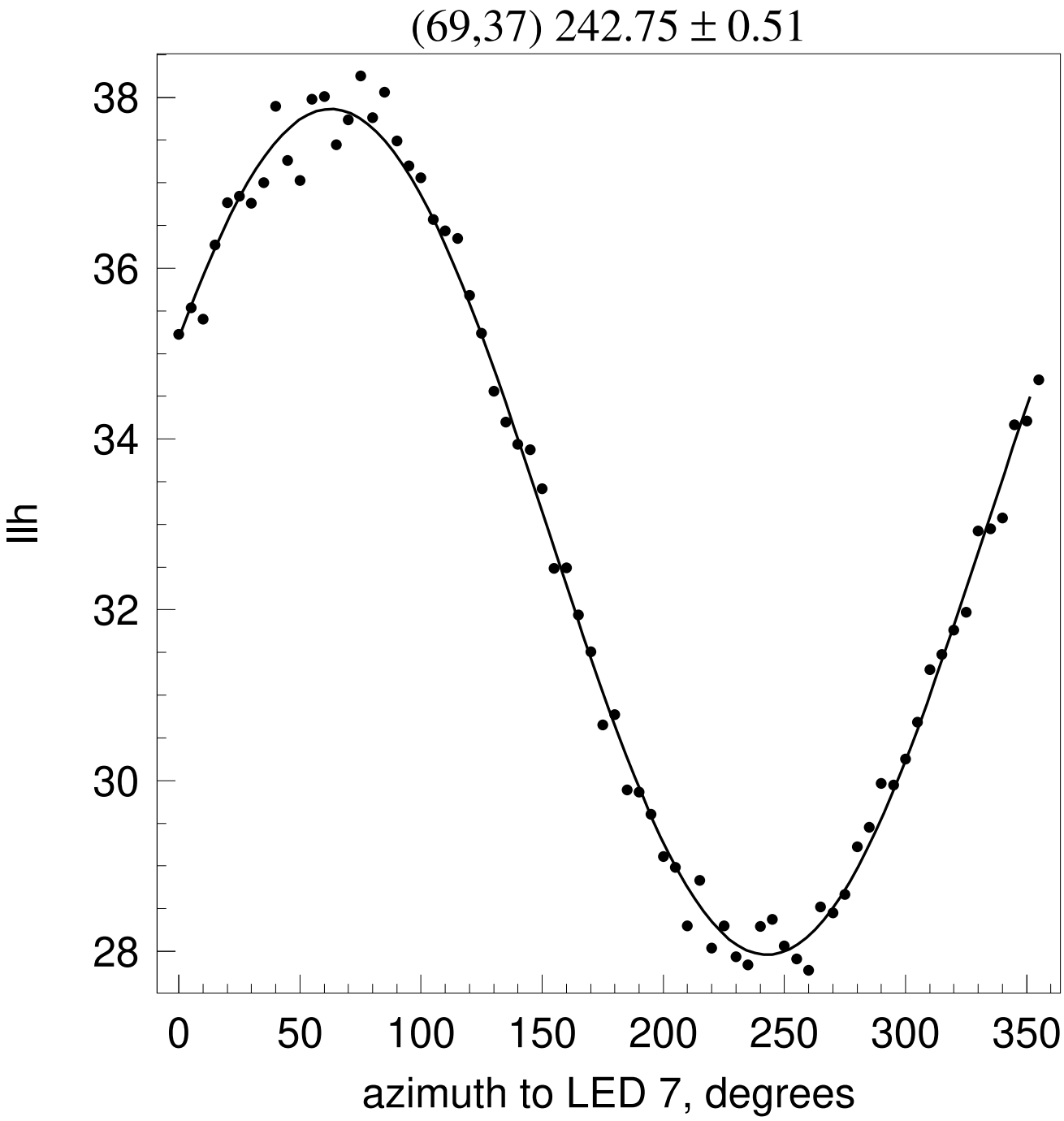

(69,32) 223.63 ± 0.18
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

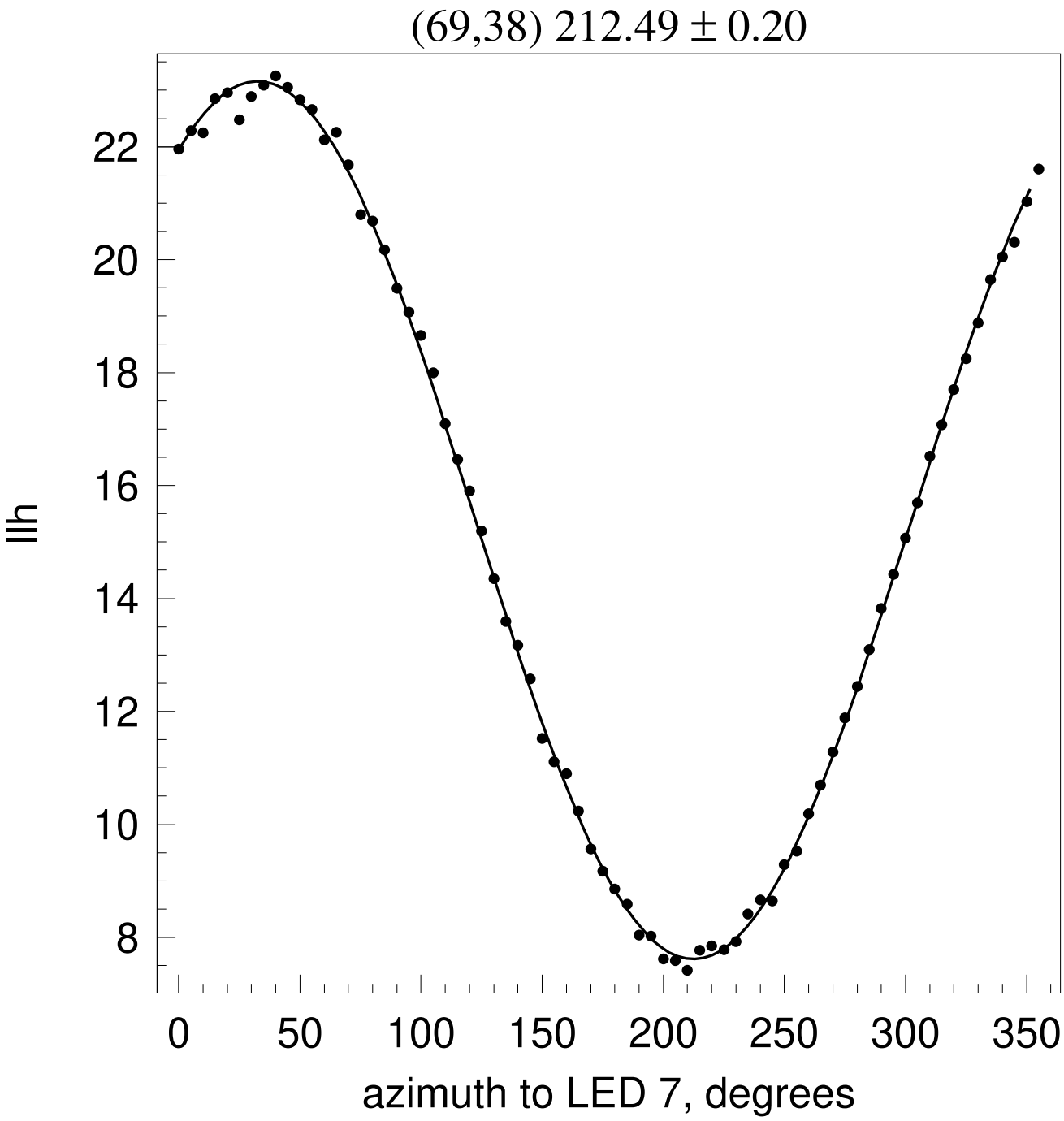

(69,33) 103.19 ± 0.27
37.5
35
32.5
30
27.5
25
22.5
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

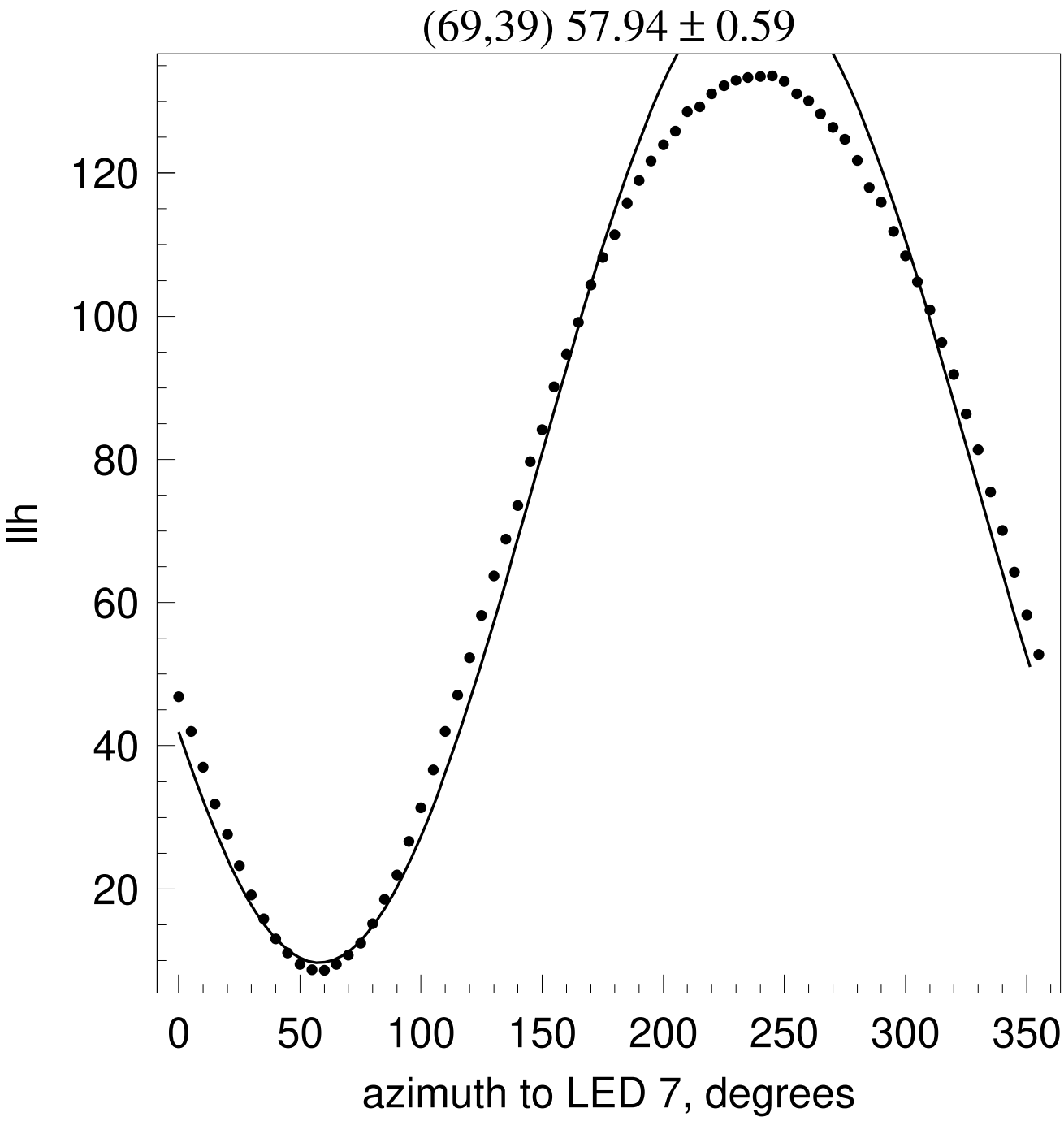

(69,34) 50.24 ± 0.56
llh
46
44
42
40
38
36
34
32
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

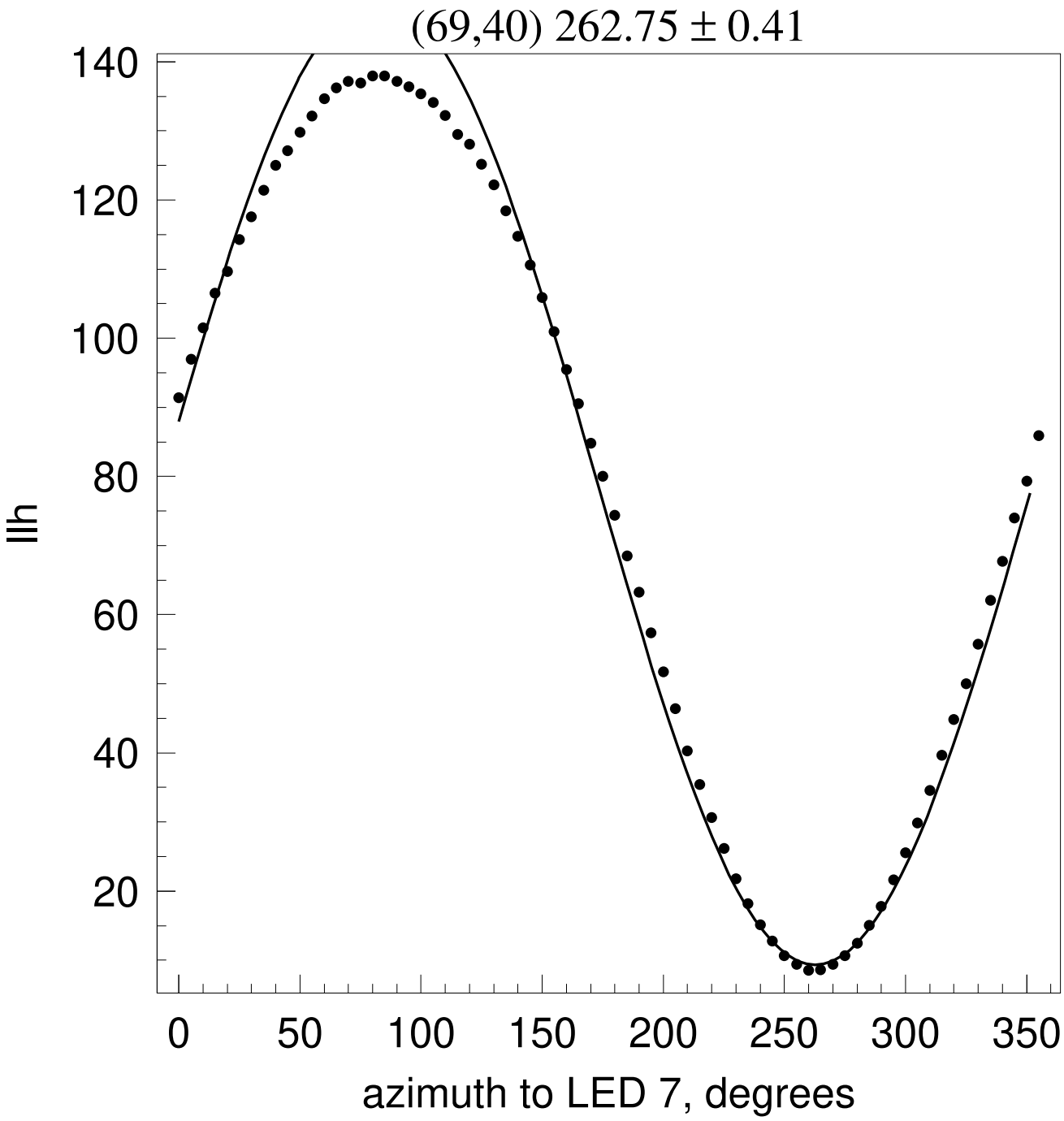

(69,35) 37.91 ± 4.16
31.5
31
30.5
30
29.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

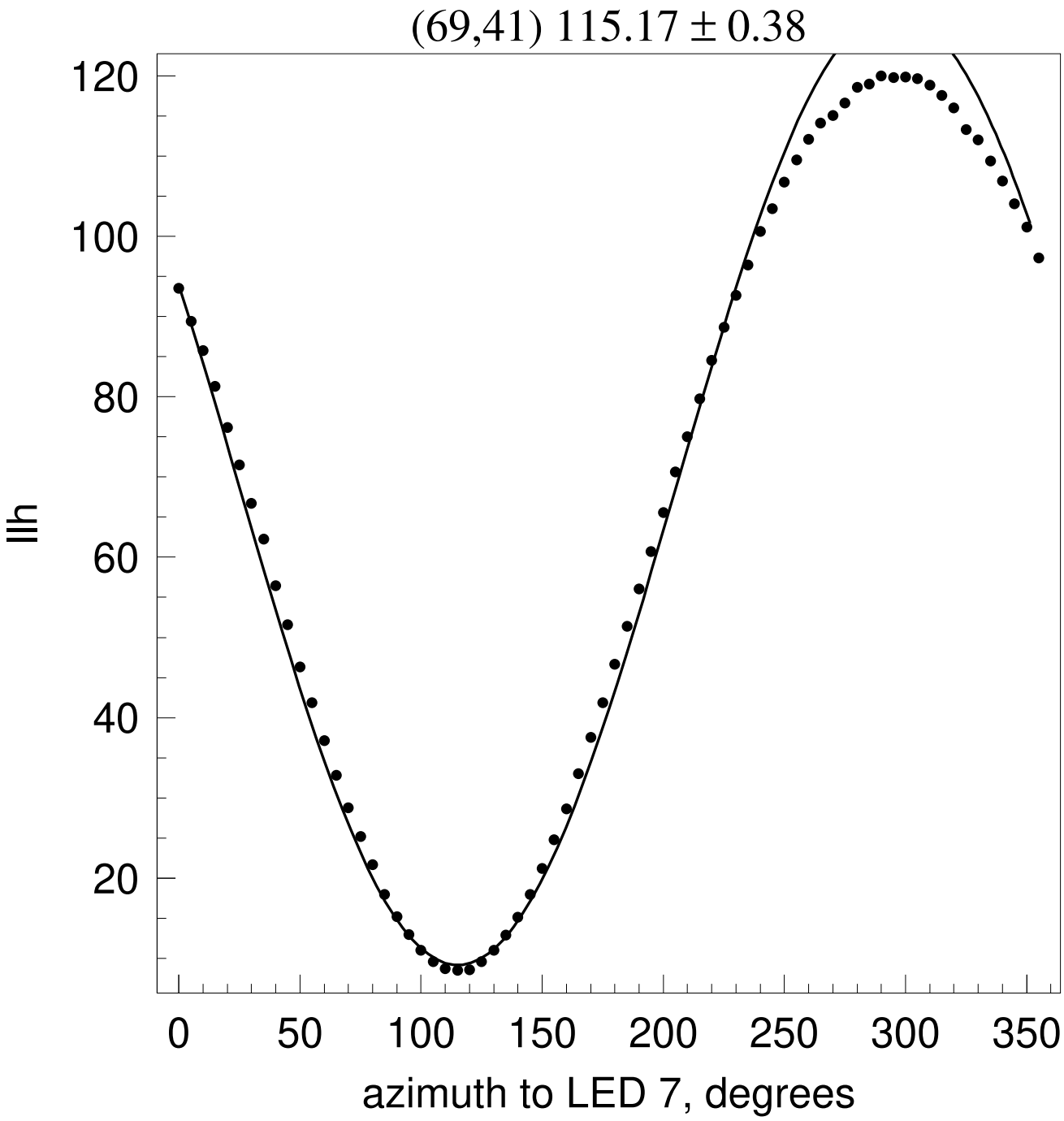

(69,36) 16.37 ± 7.54
29.5
29
28.5
28
27.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

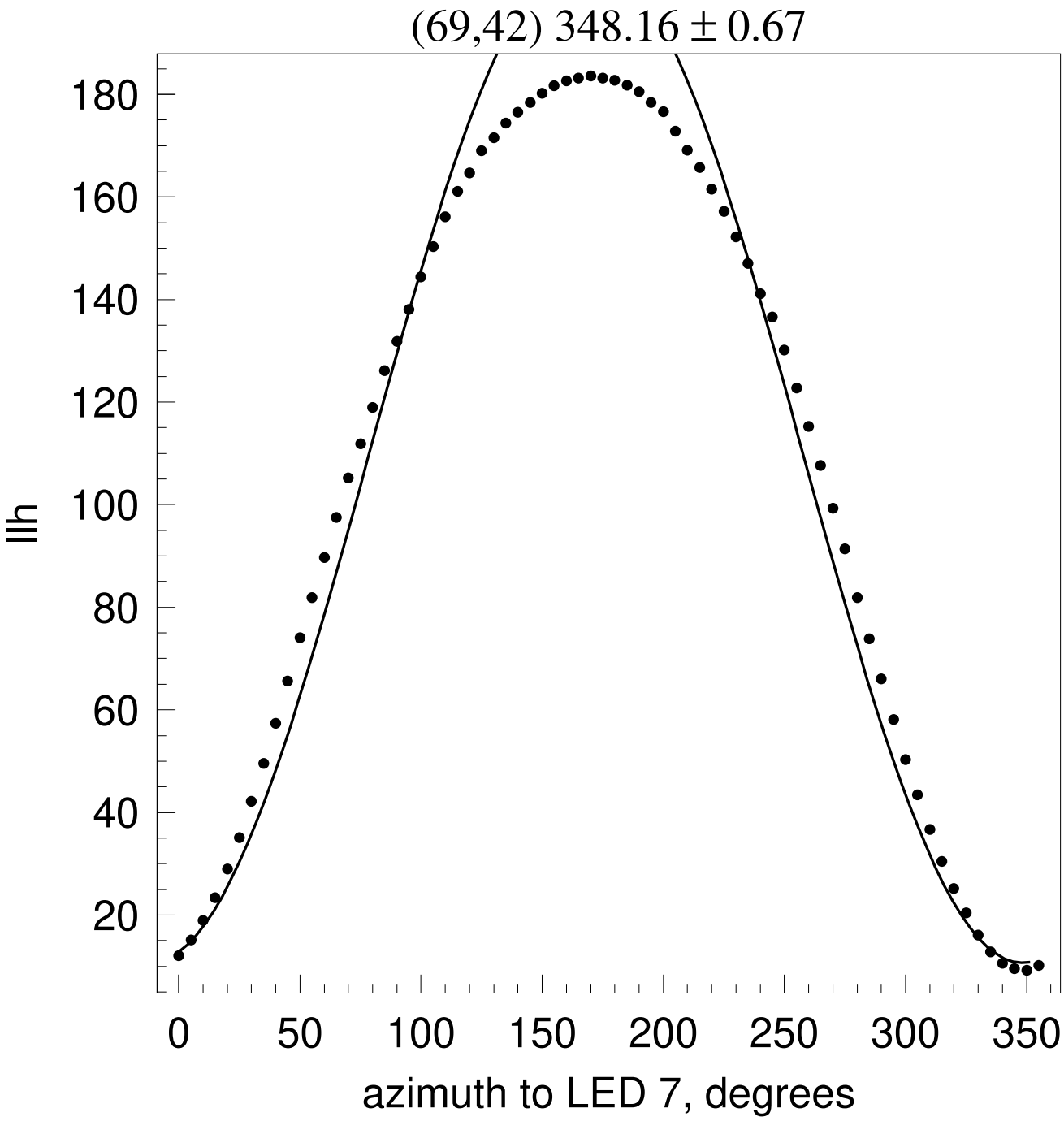

(69,37) 242.75 ± 0.51
38
36
34
32
30
28
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

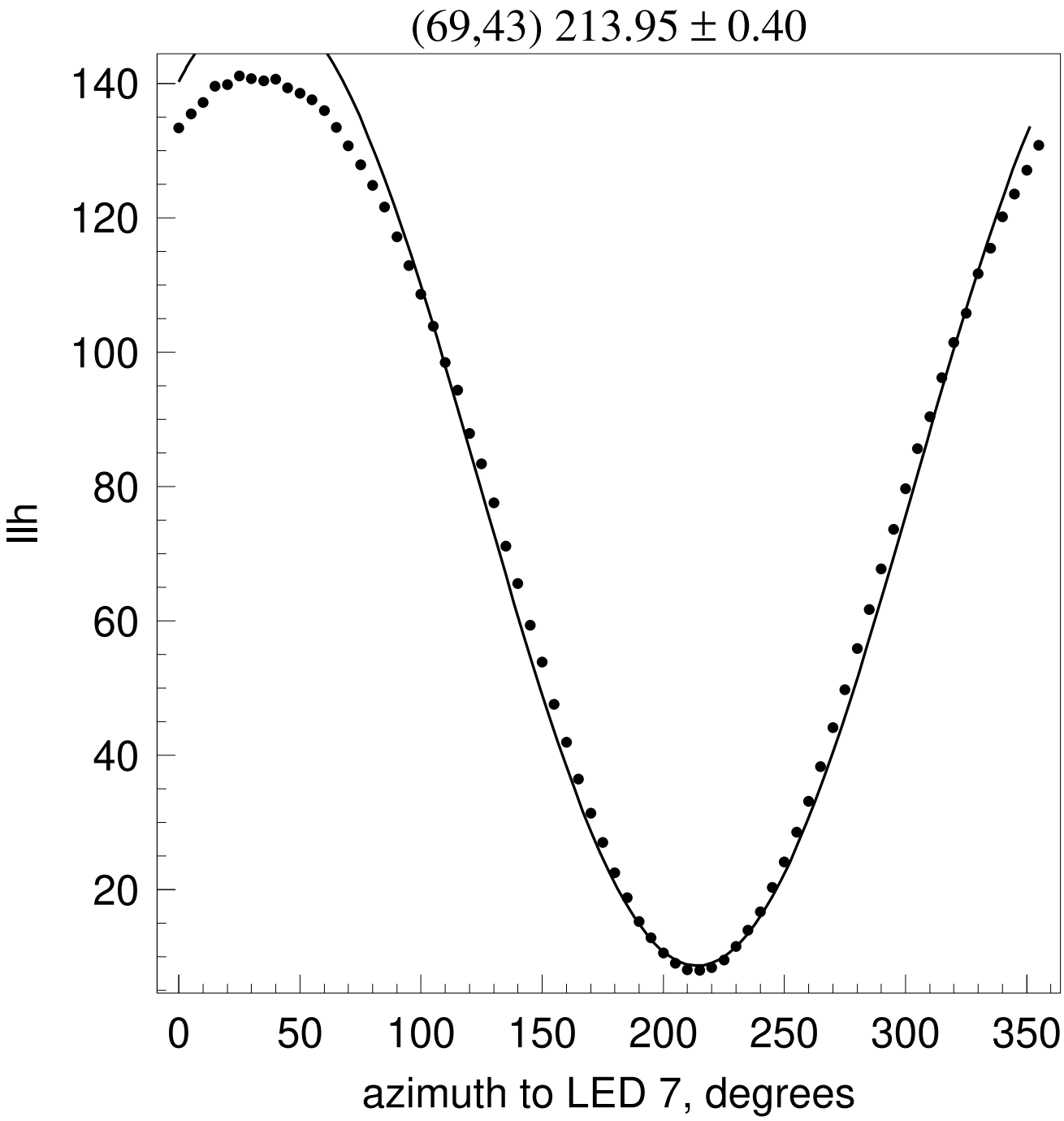

(69,38) 212.49 ± 0.20
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

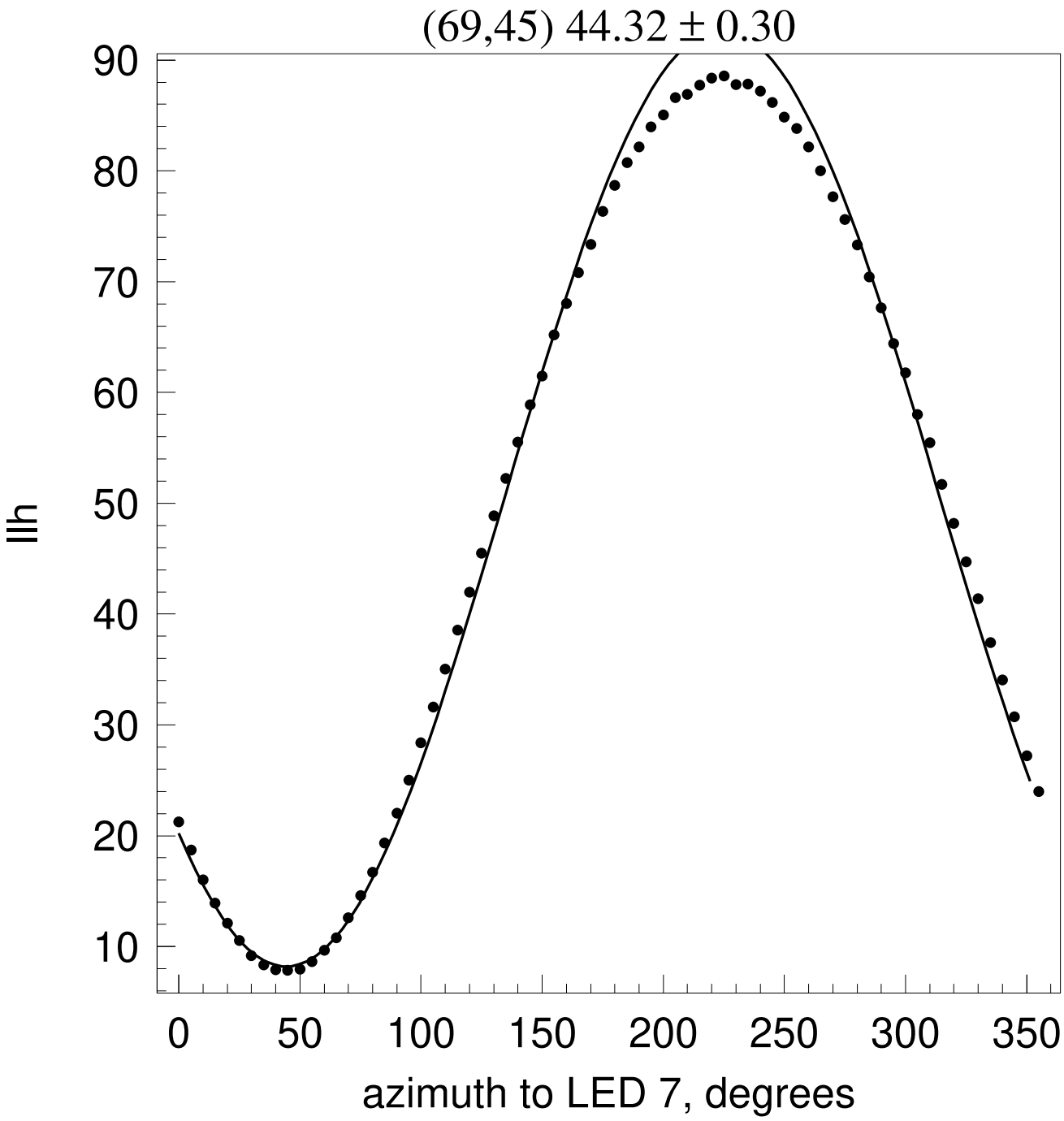

(69,39) 57.94 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

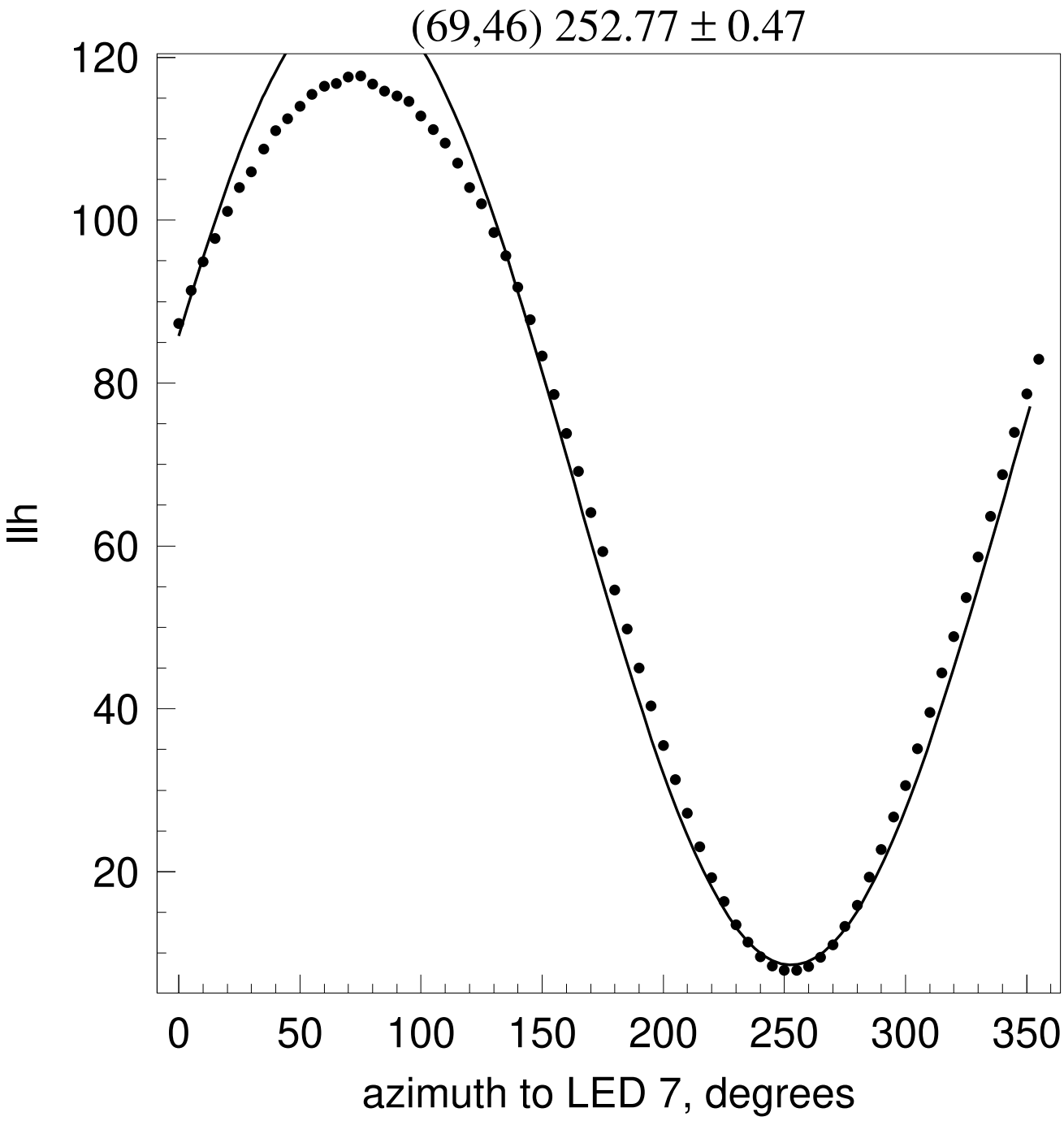

(69,40) 262.75 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

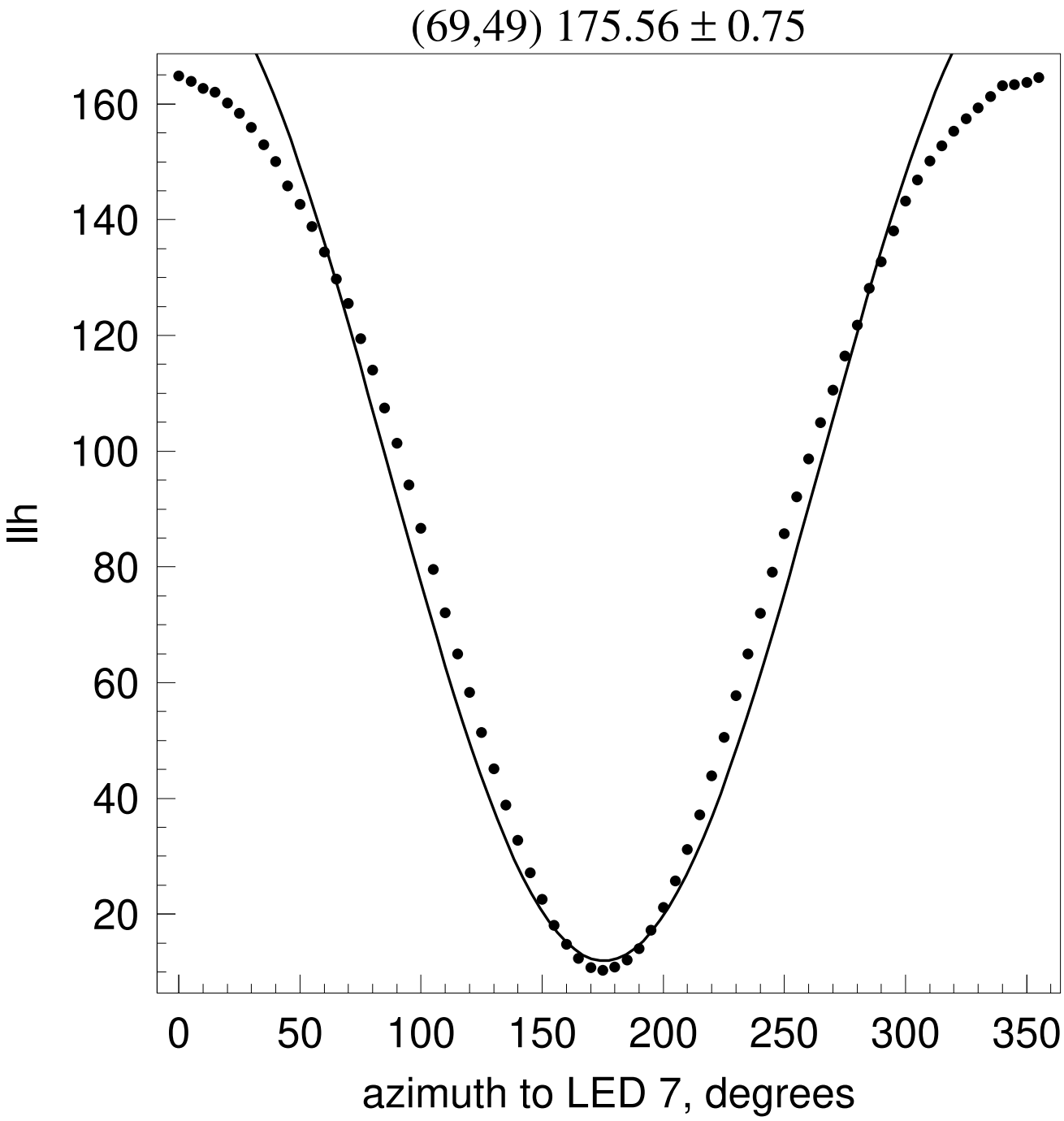

(69,41) 115.17 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

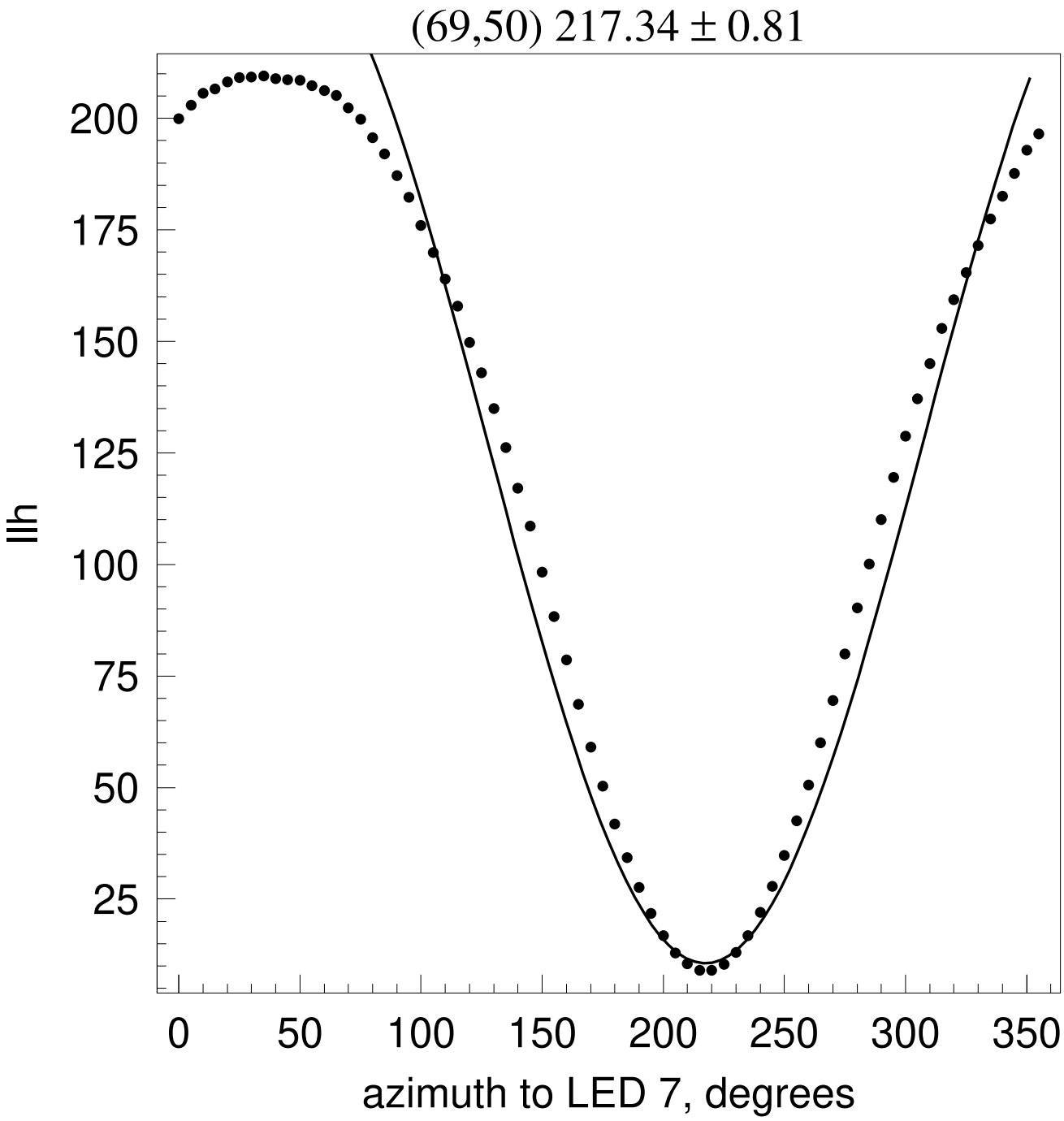

(69,42) 348.16 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

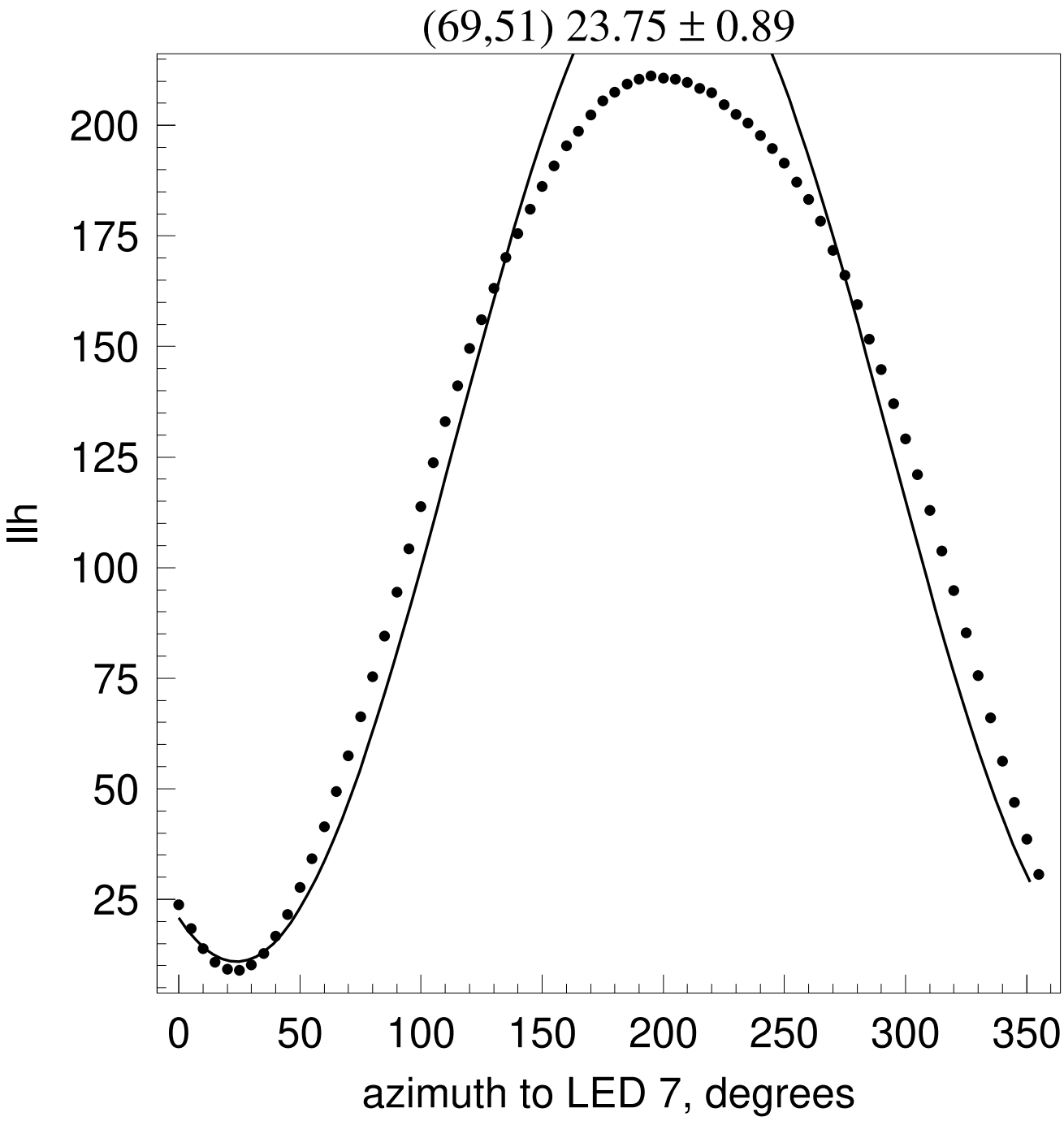

(69,43) 213.95 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

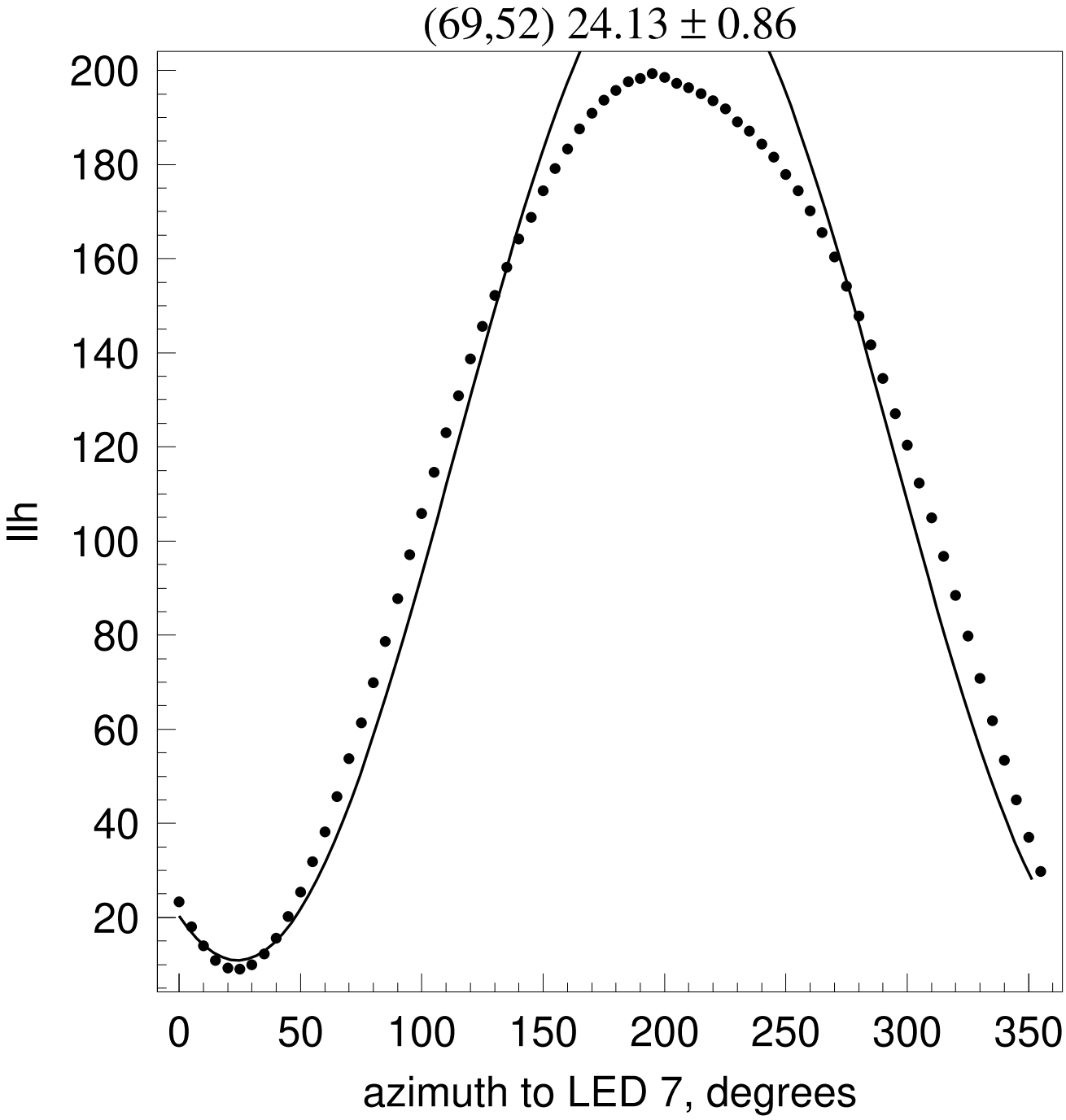

(69,45) 44.32 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

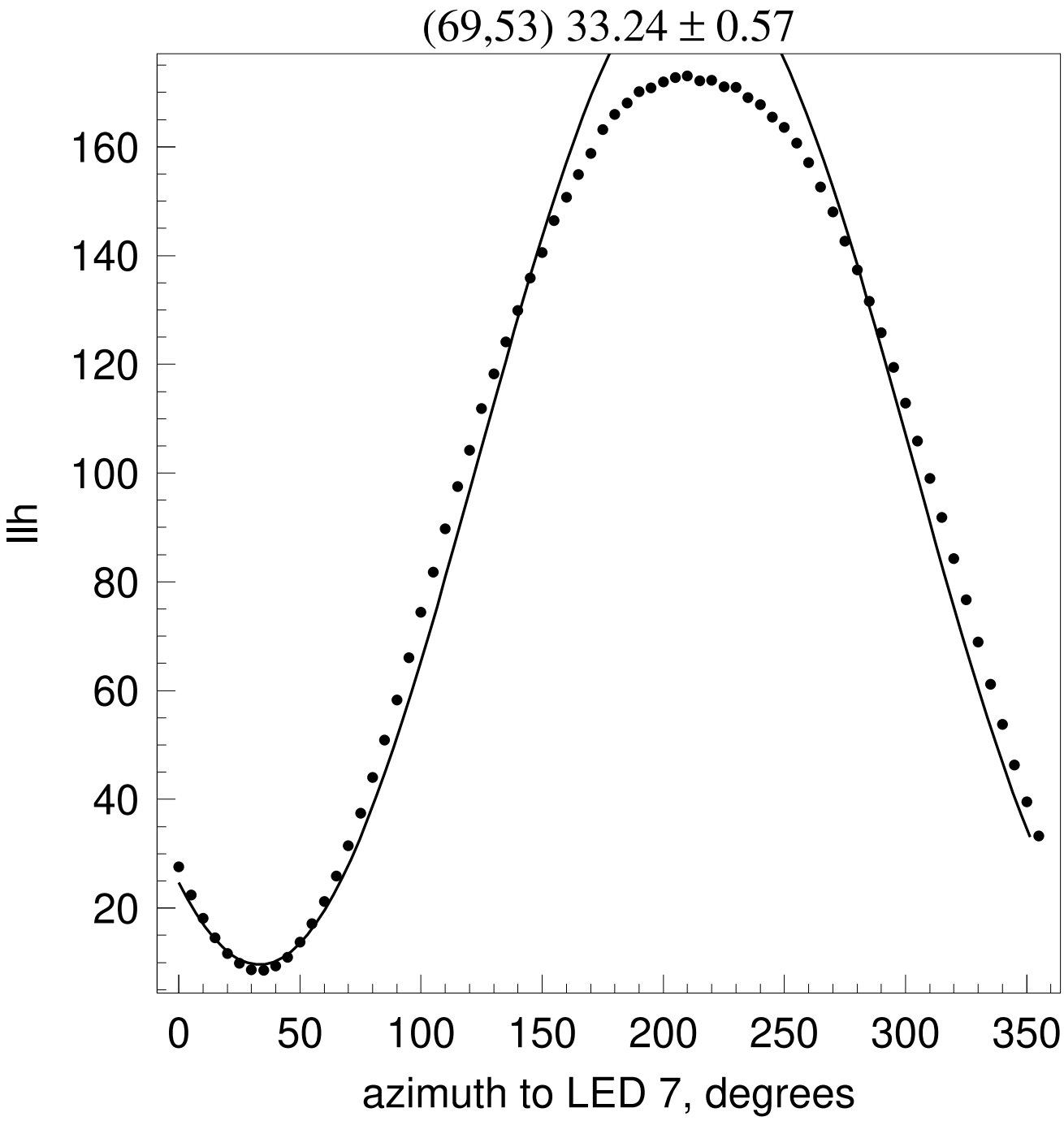

(69,46) 252.77 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

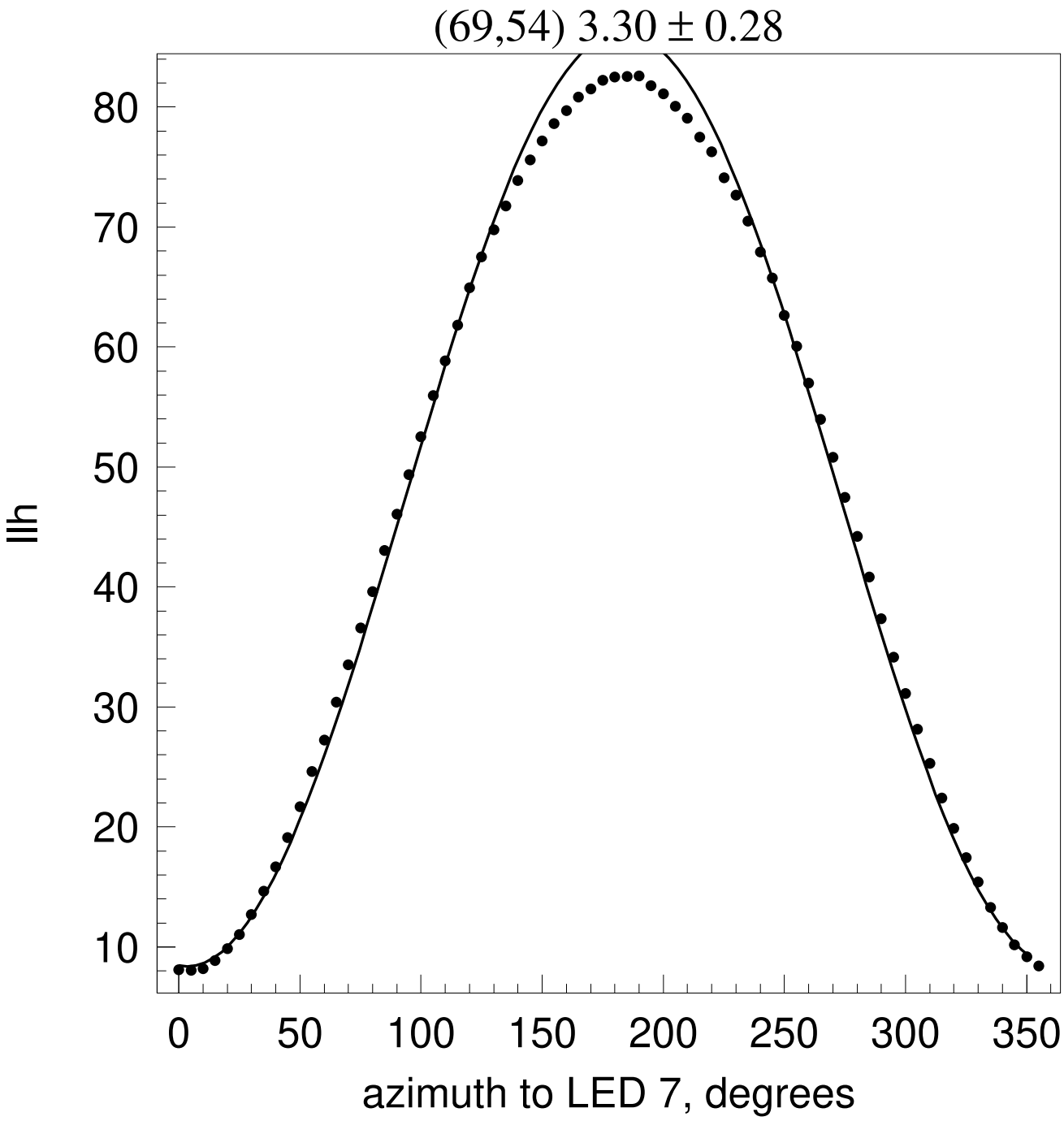

(69,49) 175.56 ± 0.75
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

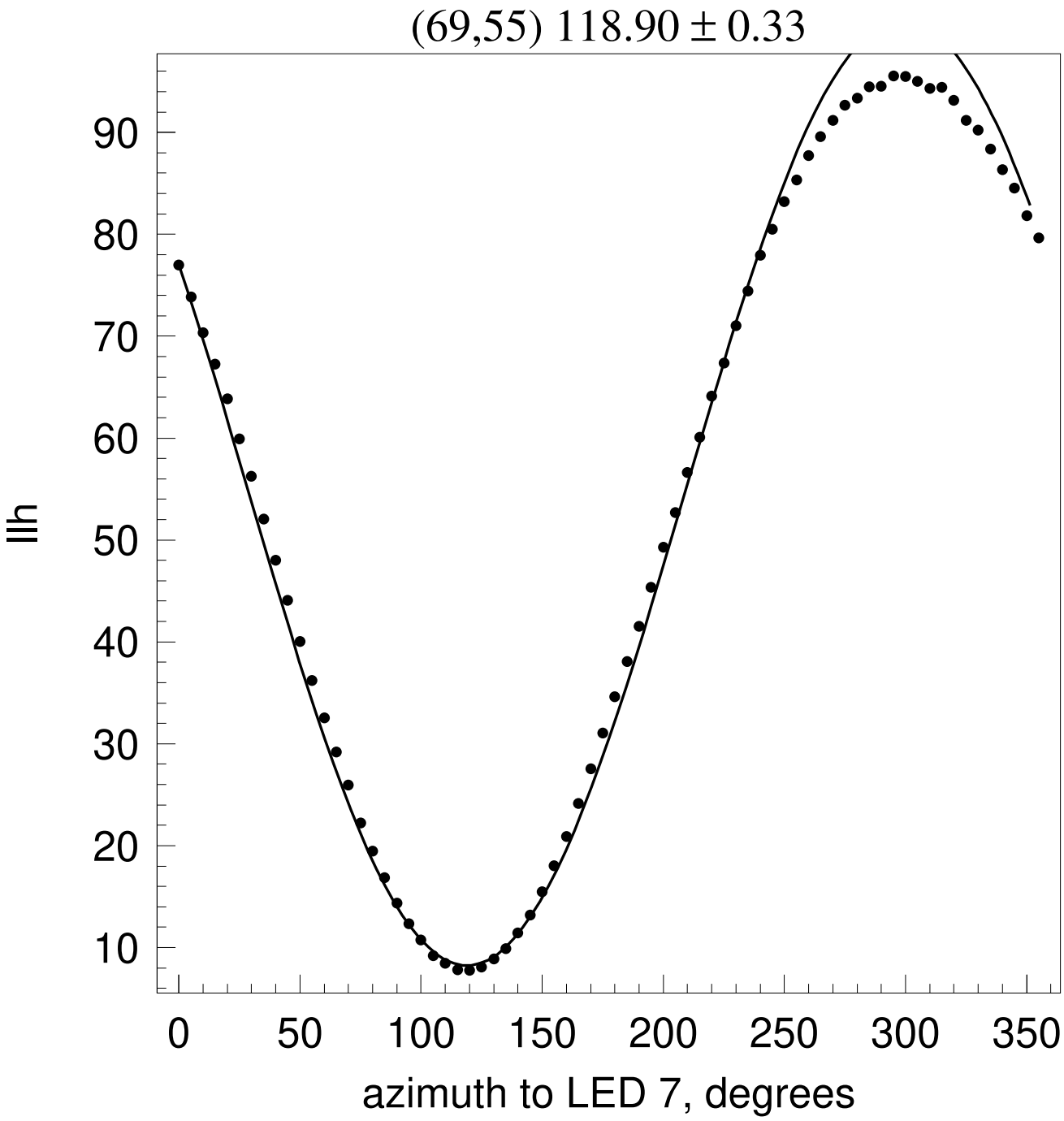

(69,50) 217.34 ± 0.81
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

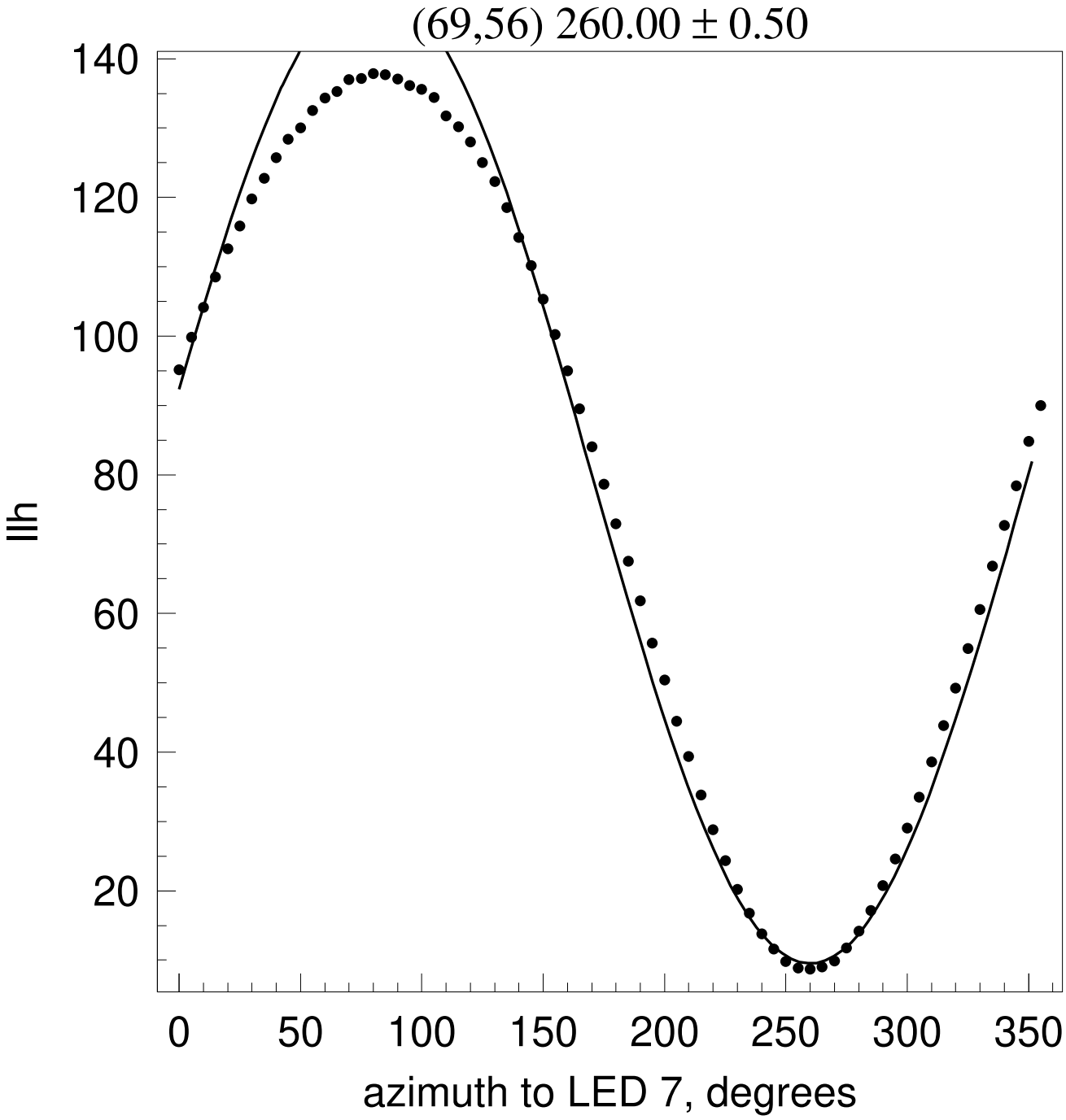

(69,51) 23.75 ± 0.89
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

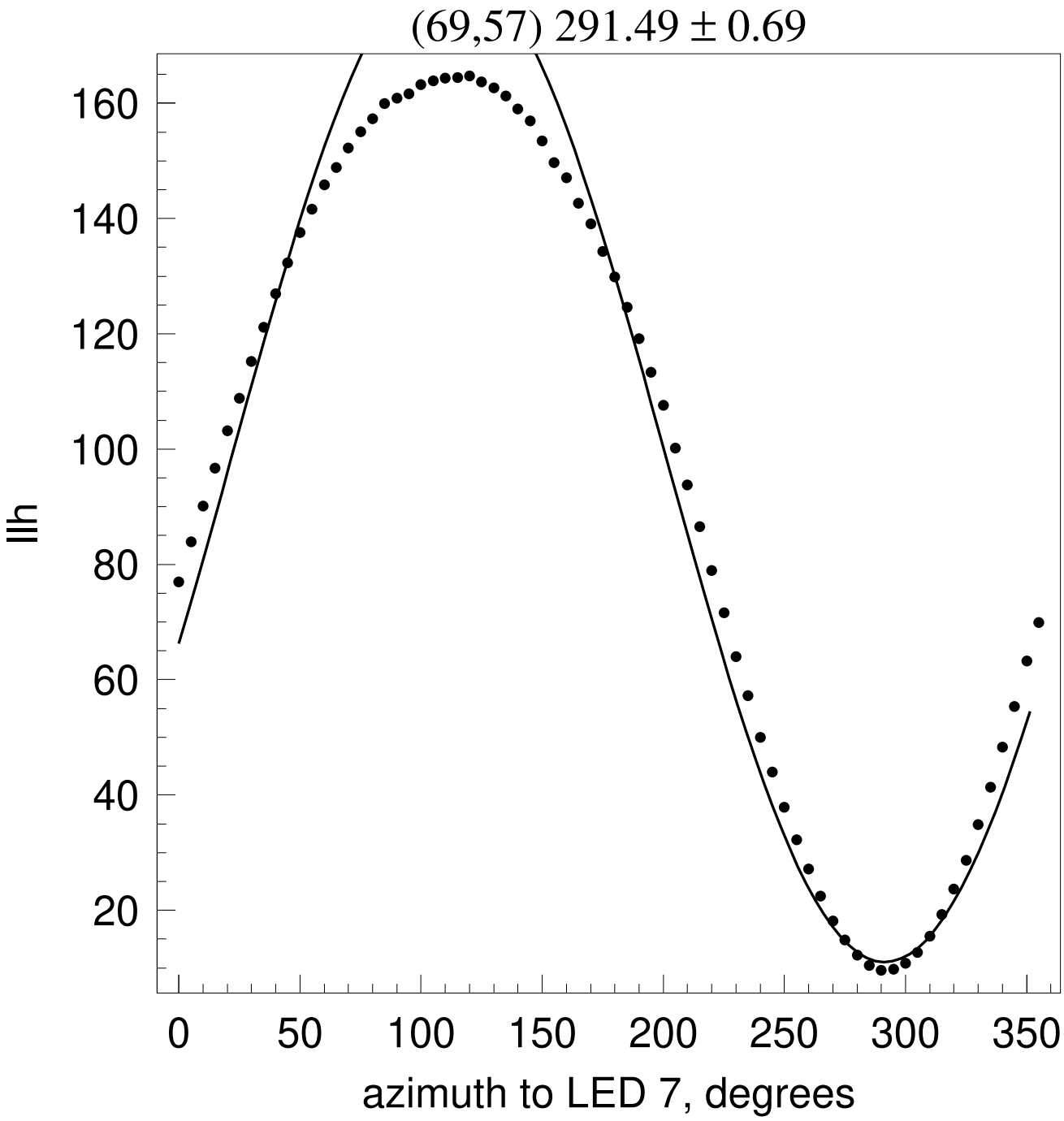

(69,52) 24.13 ± 0.86
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

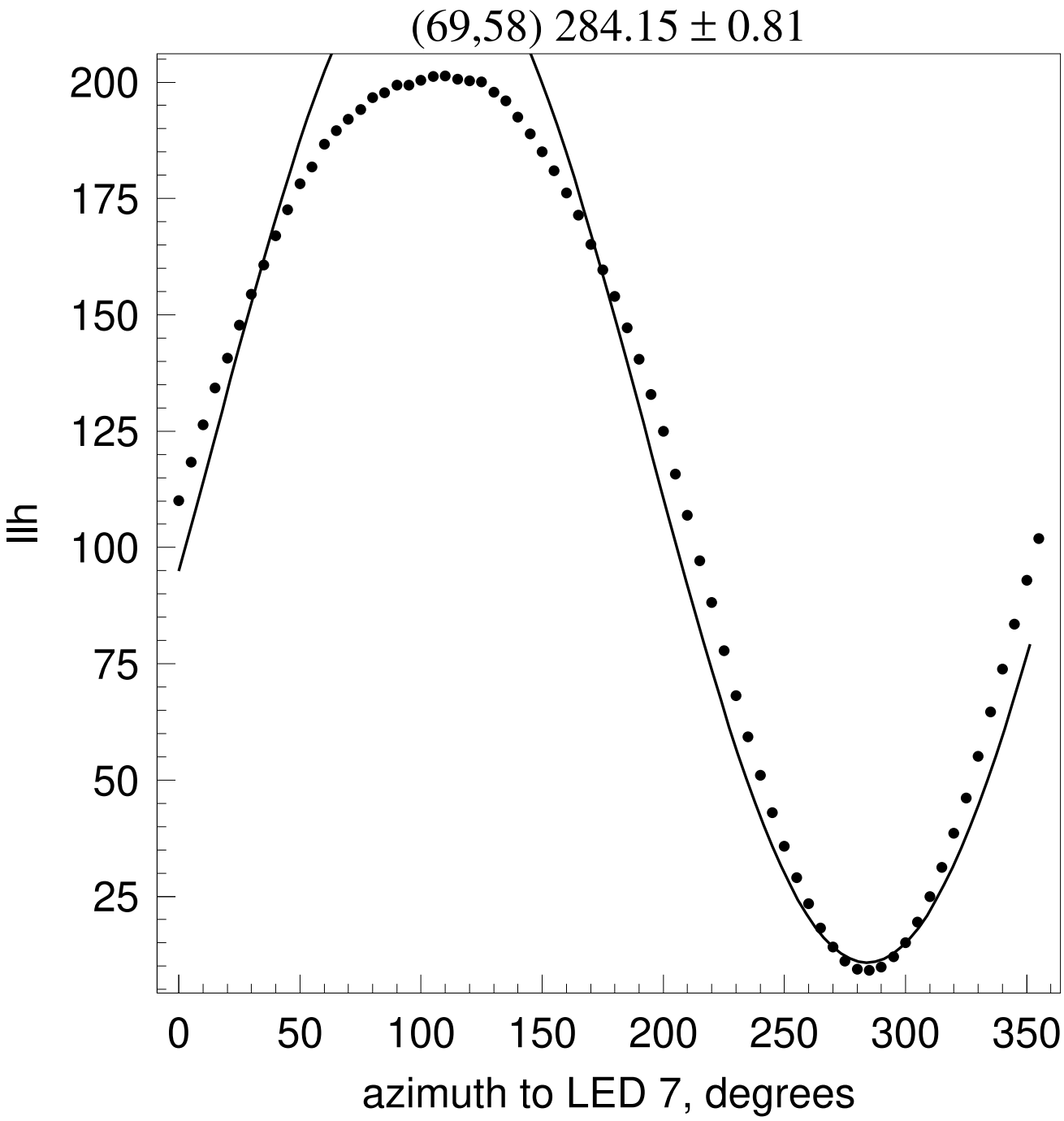

(69,53) 33.24 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

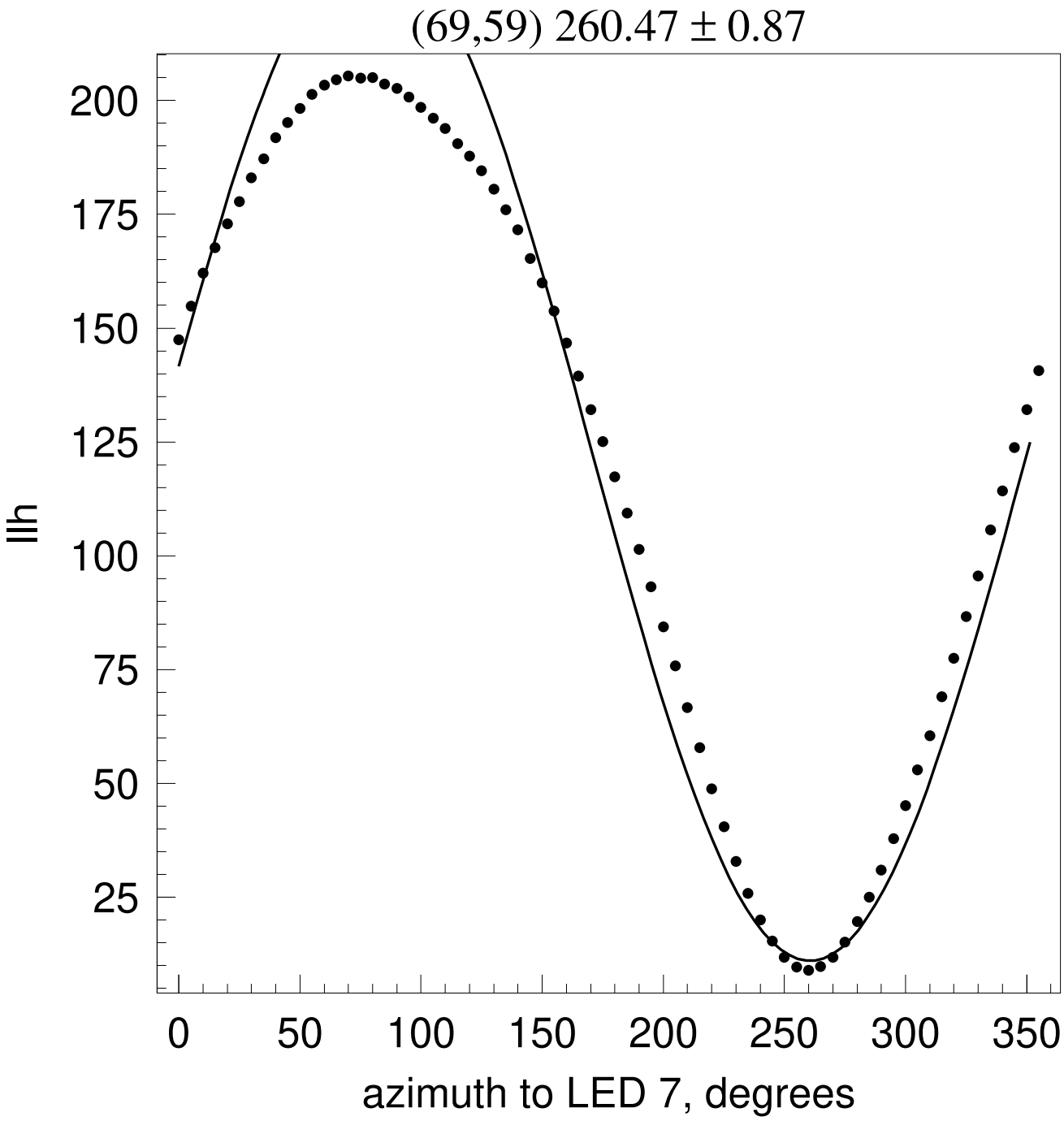

(69,54) 3.30 ± 0.28
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

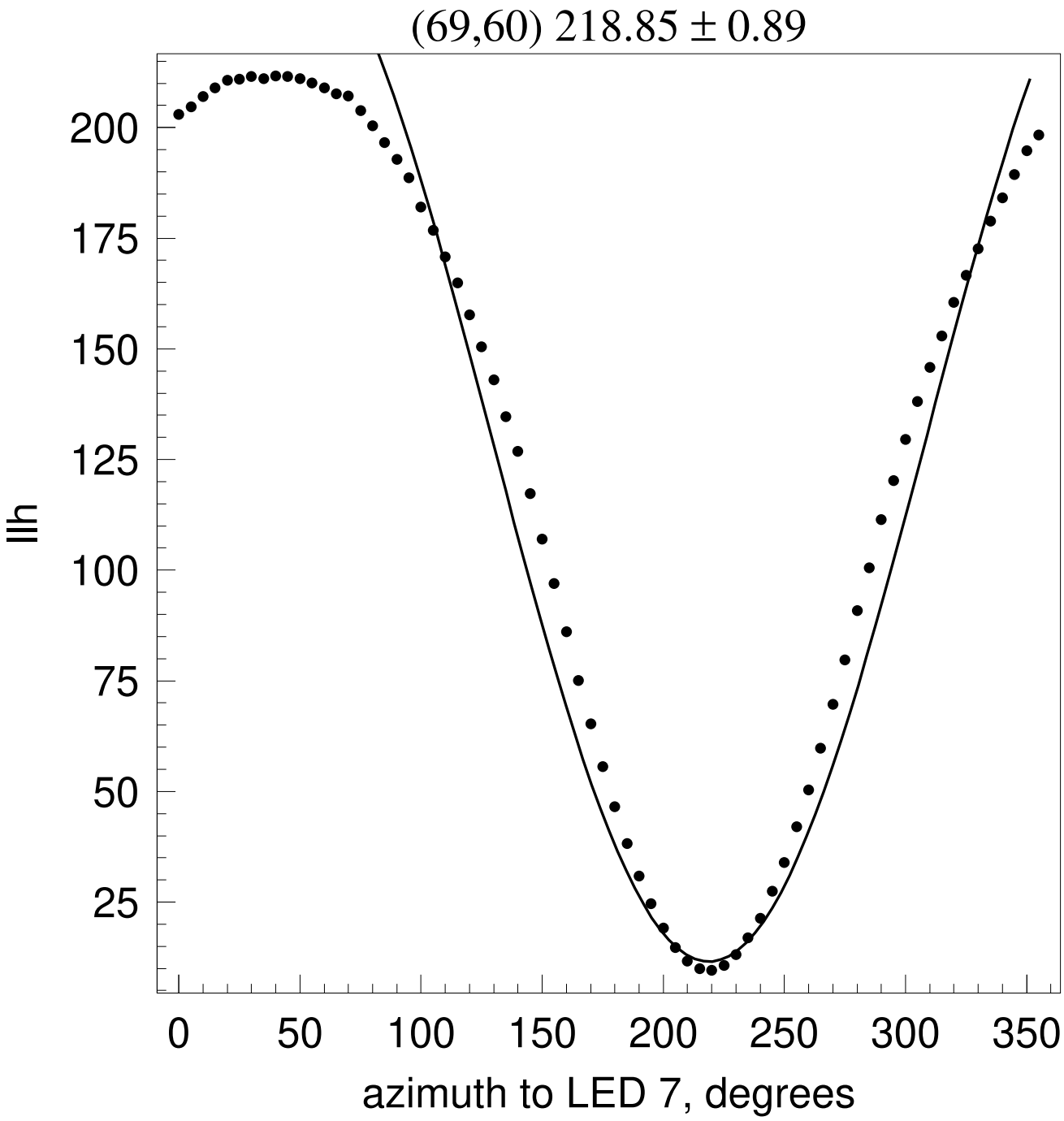

(69,55) 118.90 ± 0.33
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

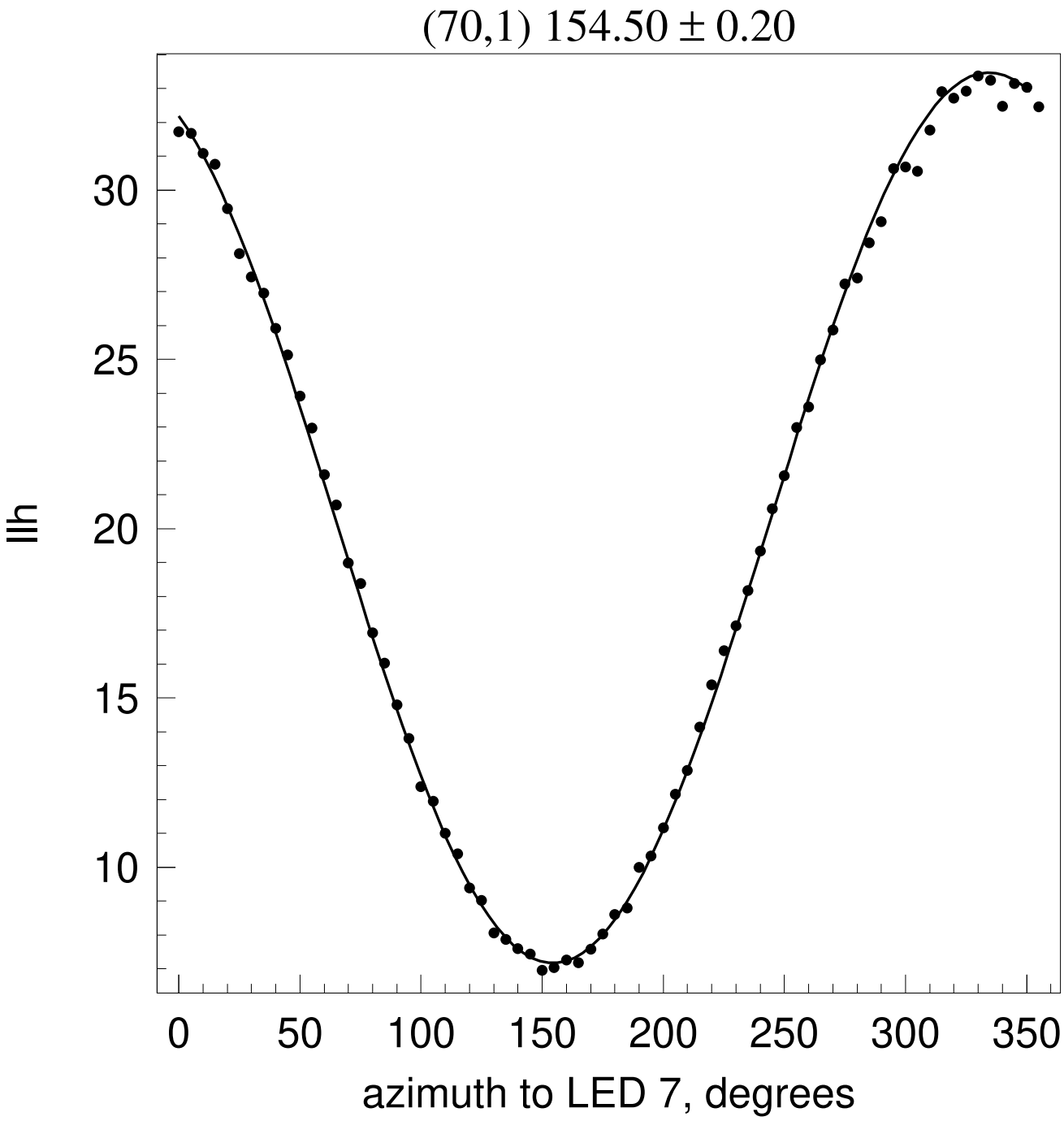

(69,56) 260.00 ± 0.50
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

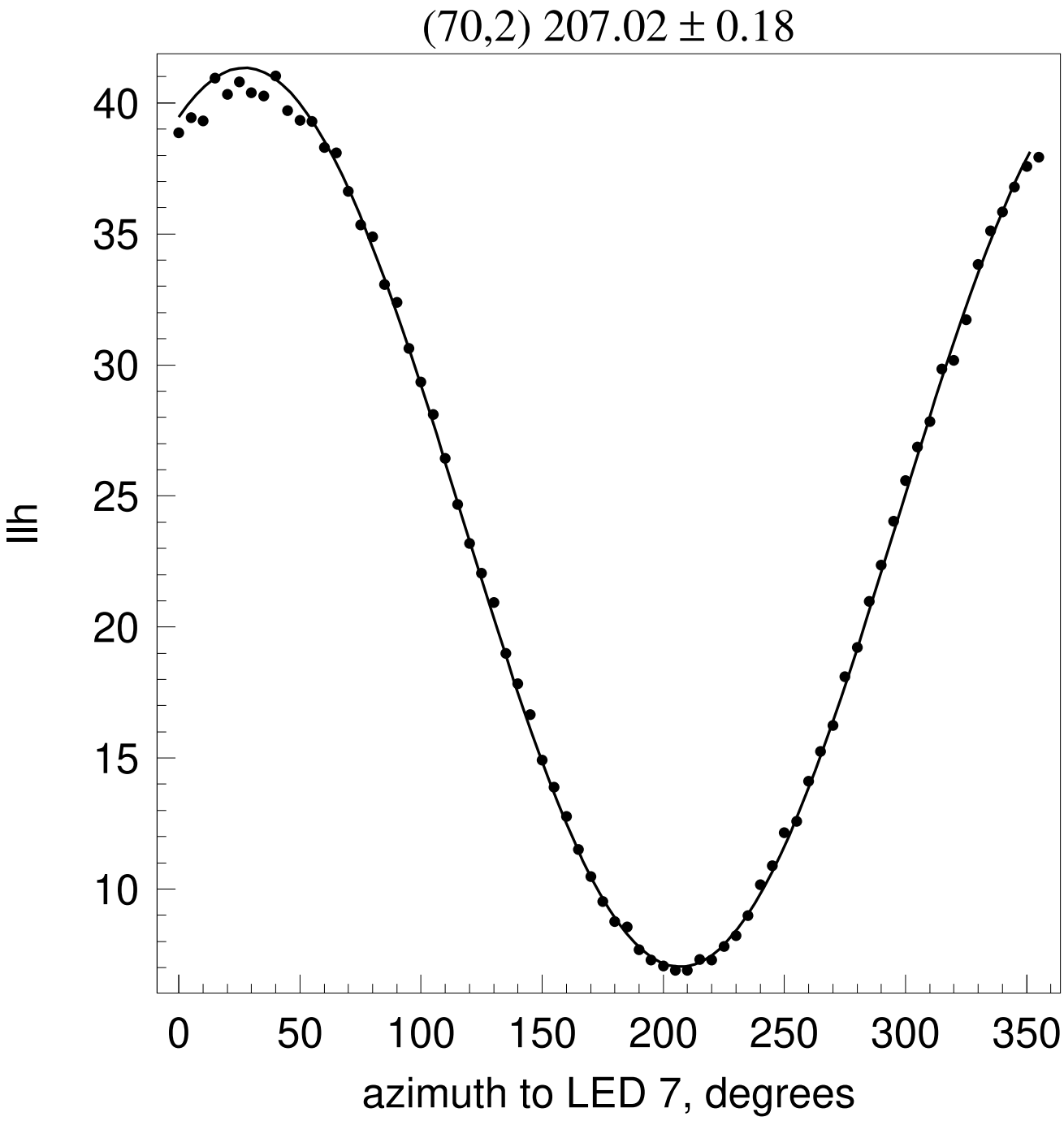

(69,57) 291.49 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

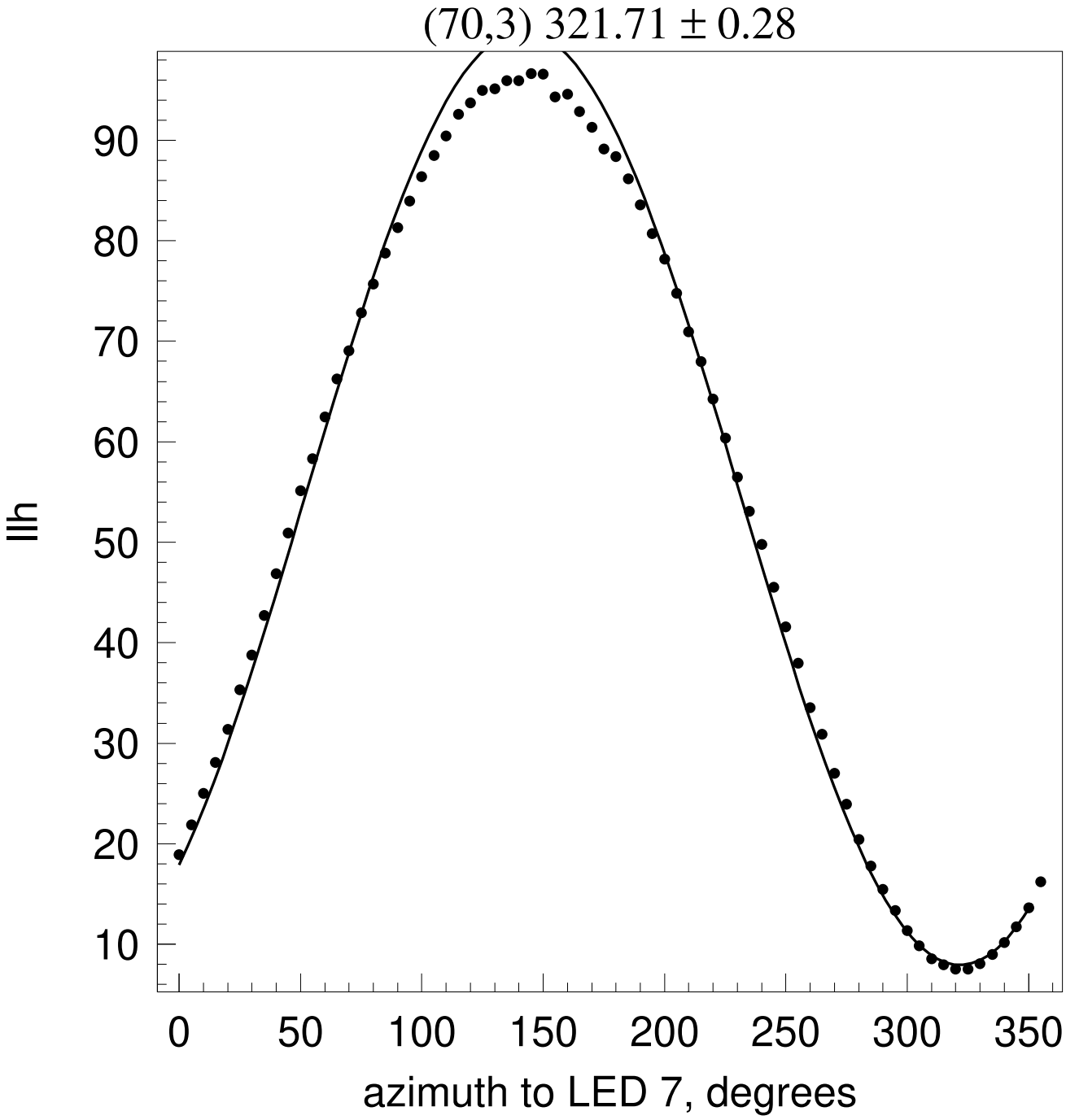

(69,58) 284.15 ± 0.81
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

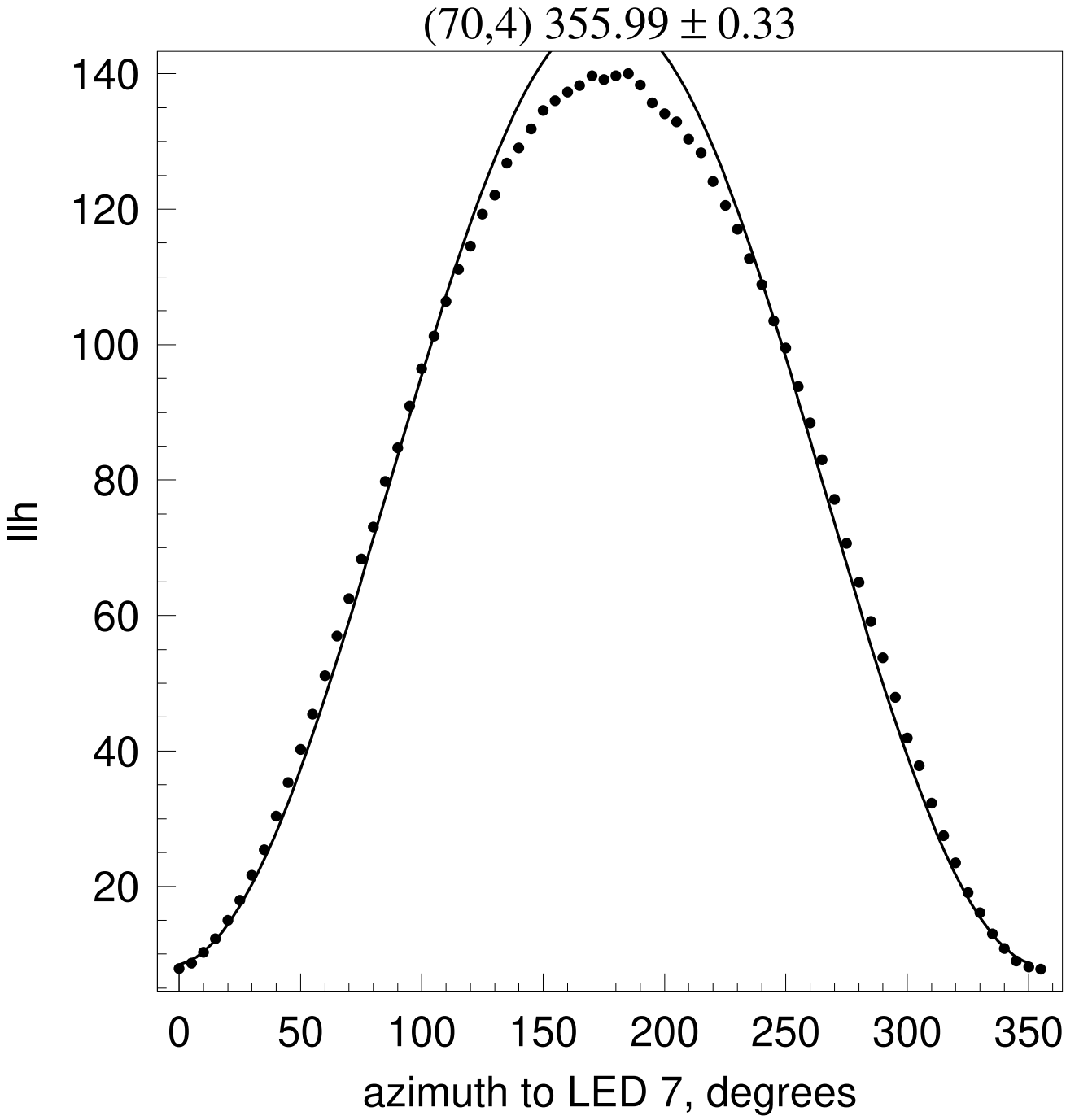

(69,59) 260.47 ± 0.87
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

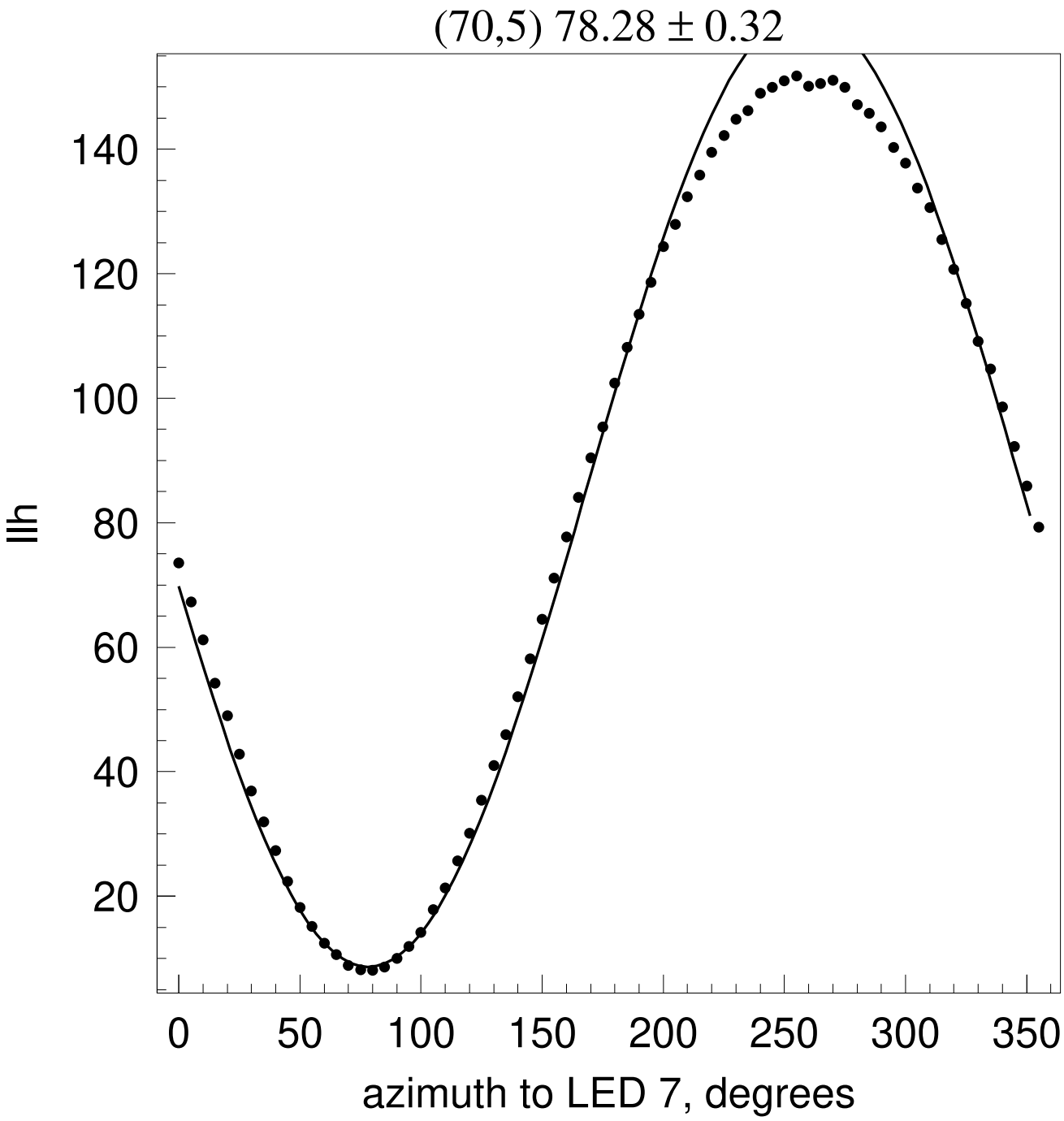

(69,60) 218.85 ± 0.89
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

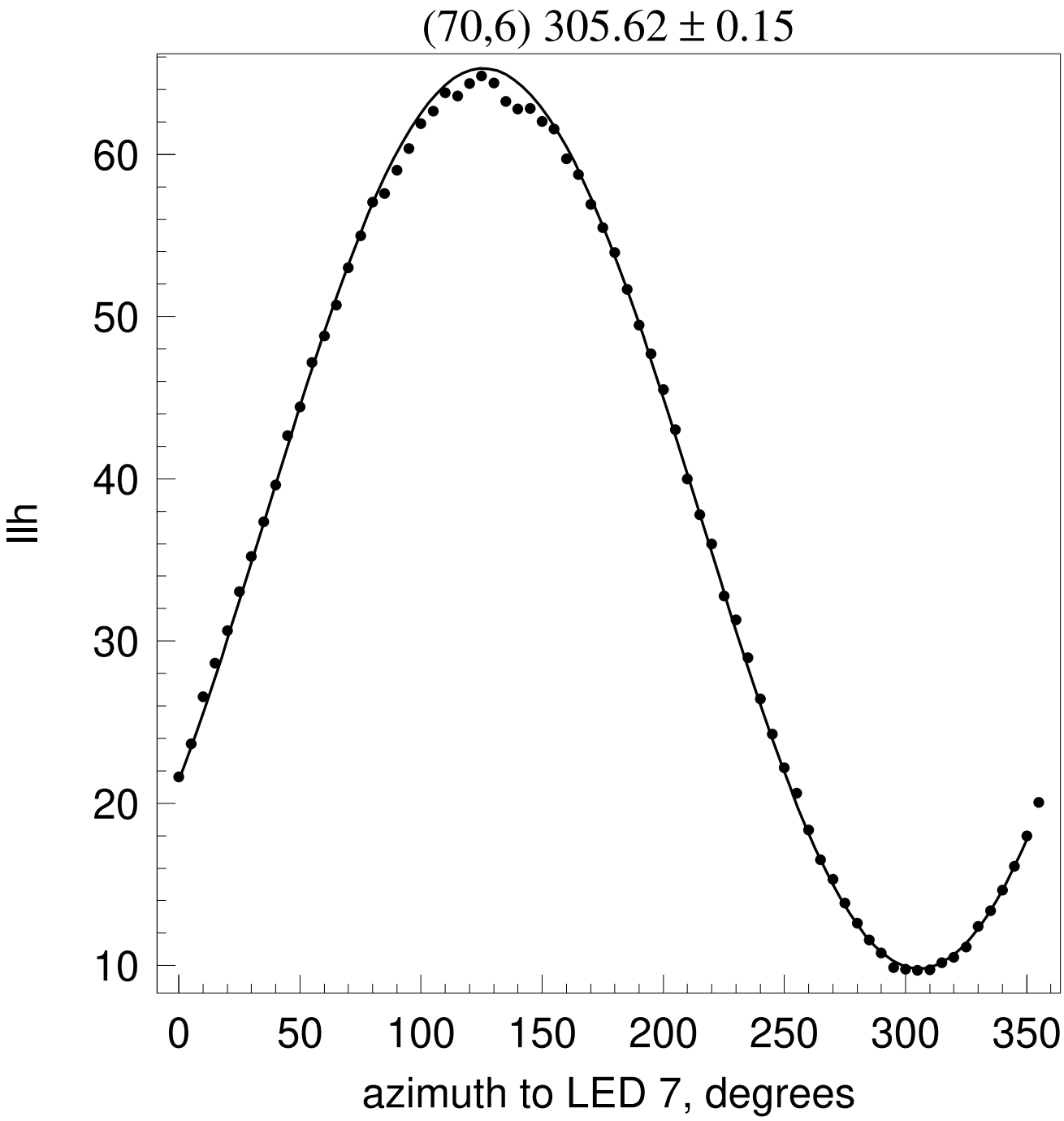

(70,1) 154.50 ± 0.20
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

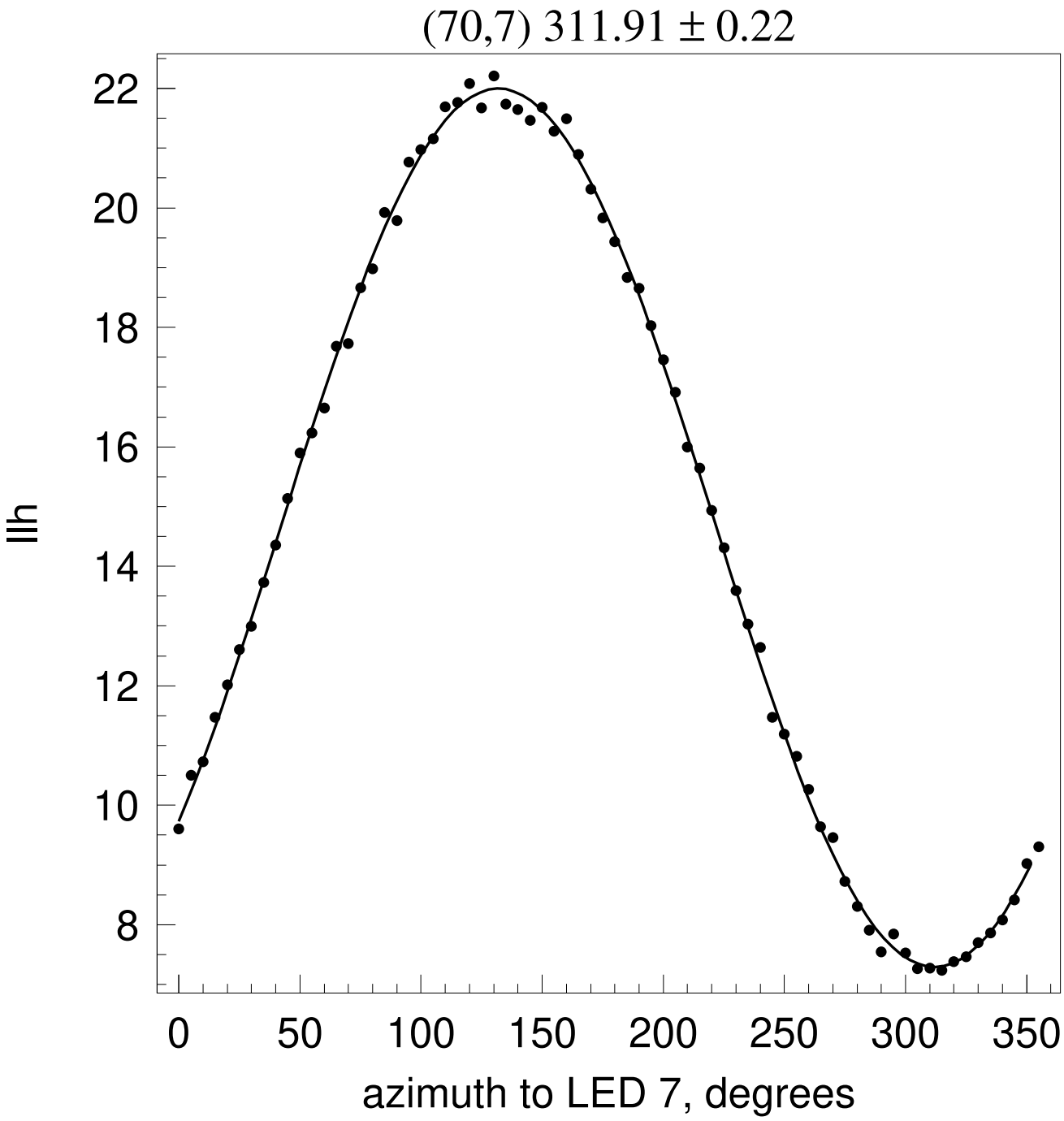

(70,2) 207.02 ± 0.18
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

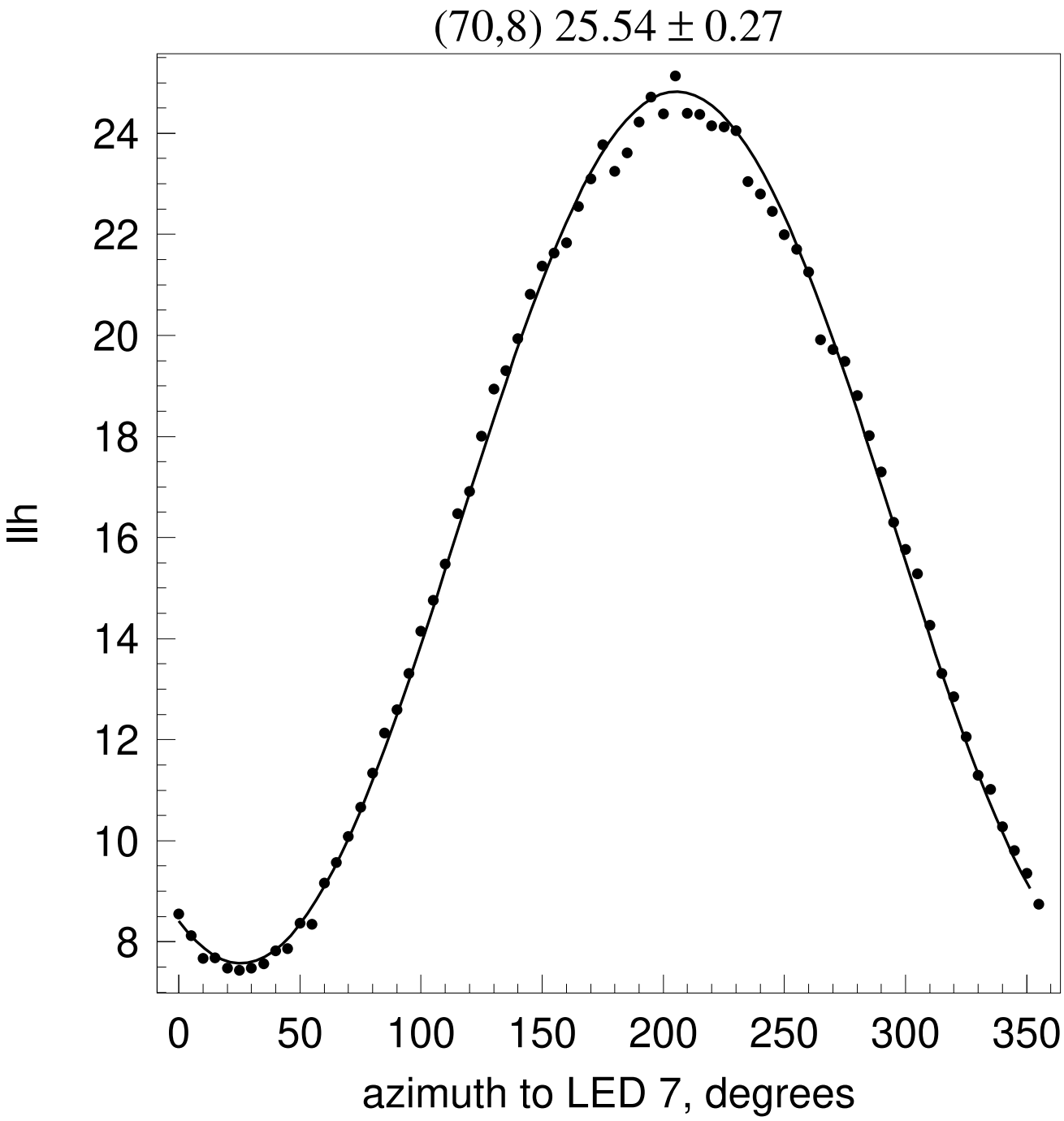

(70,3) 321.71 ± 0.28
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

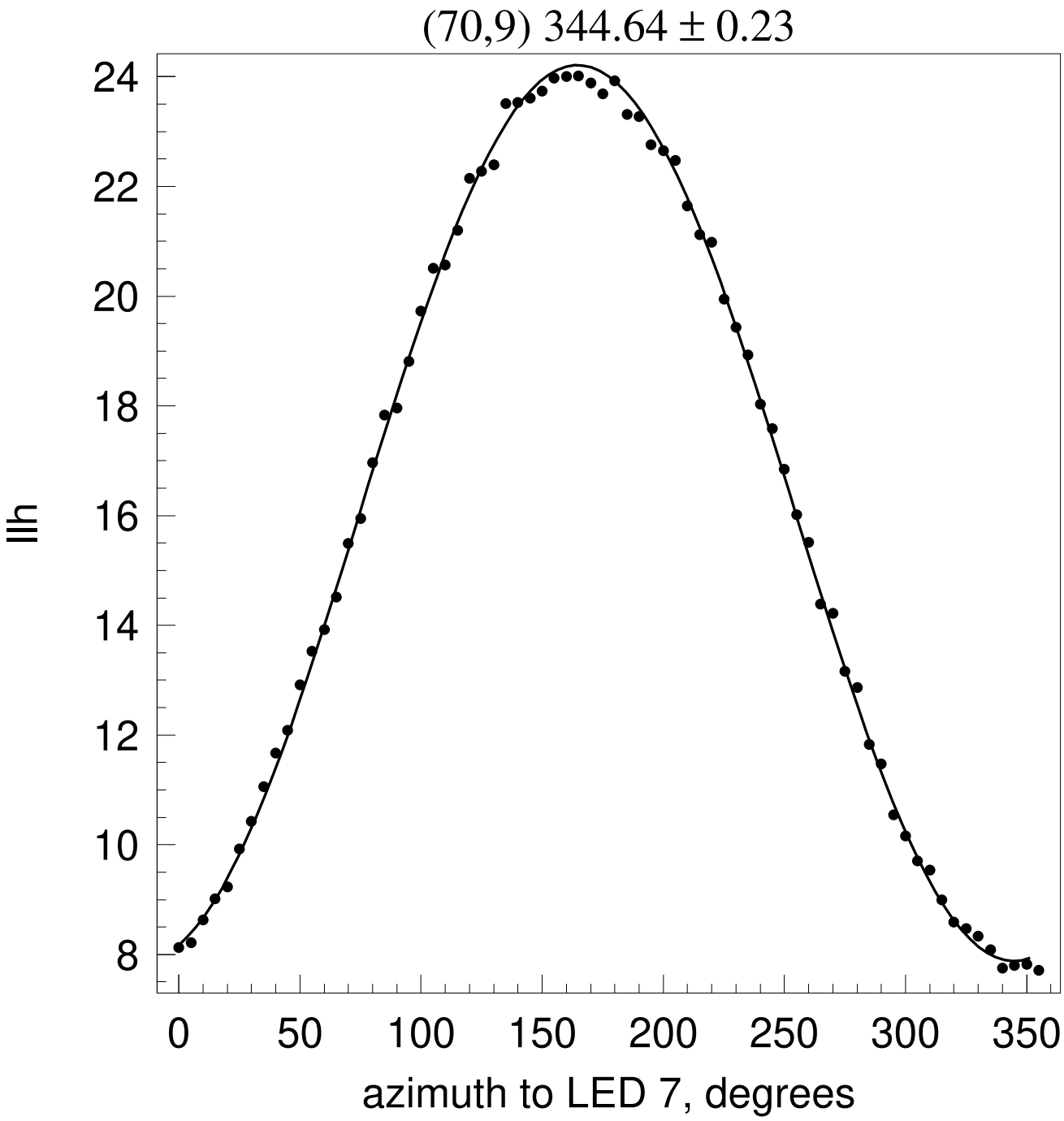

(70,4) 355.99 ± 0.33
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

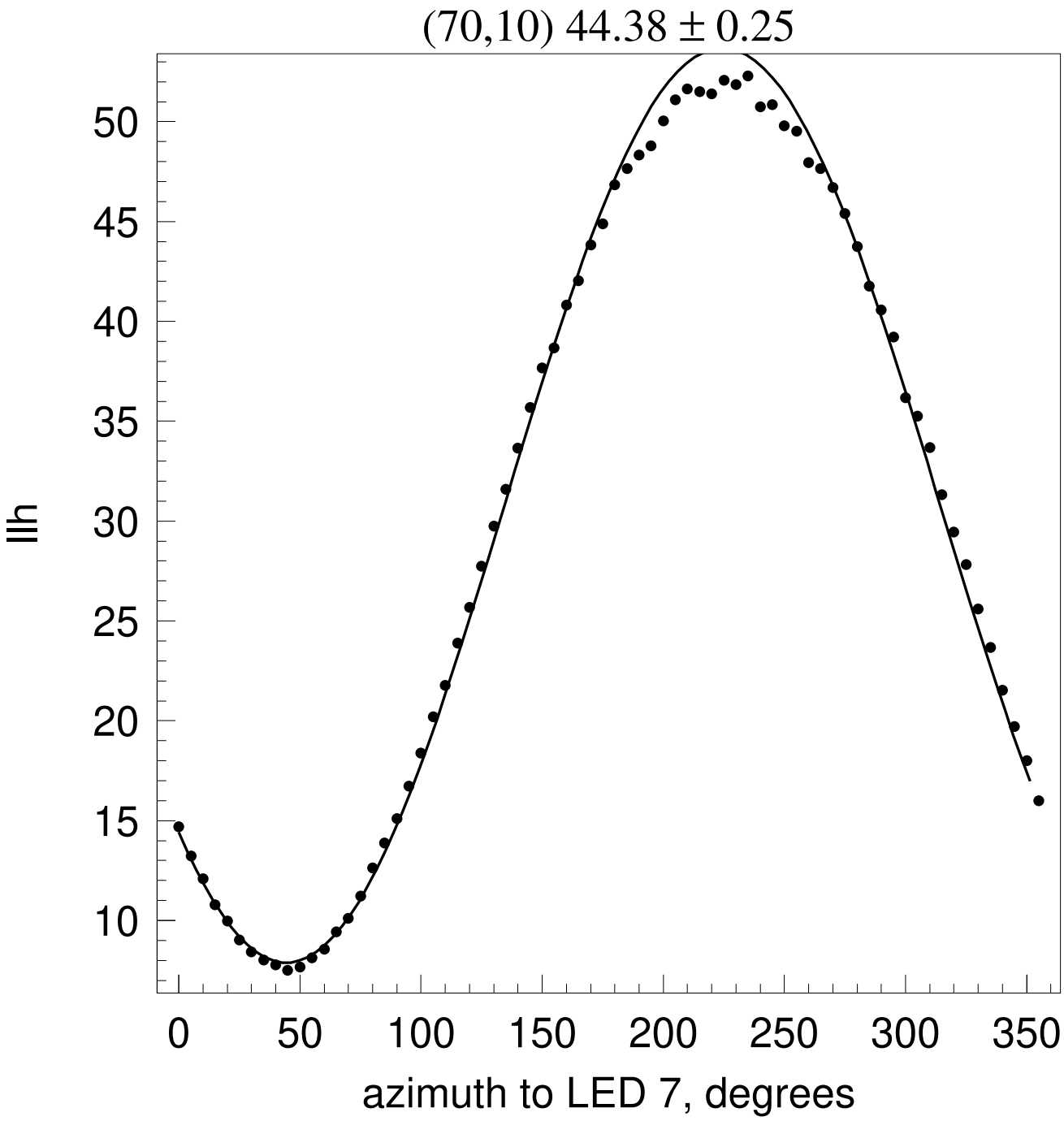

(70,5) 78.28 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

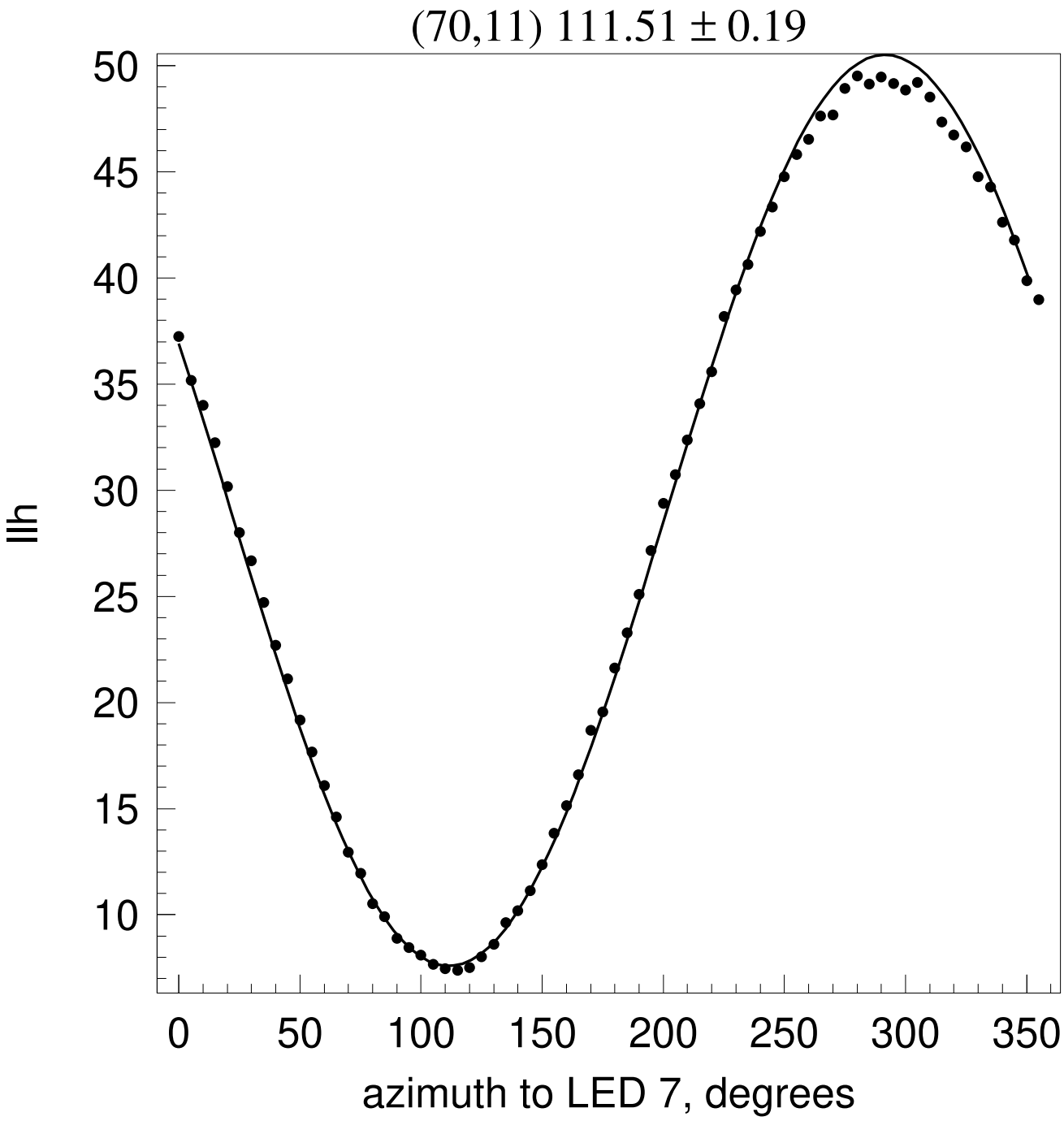

(70,6) 305.62 ± 0.15
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

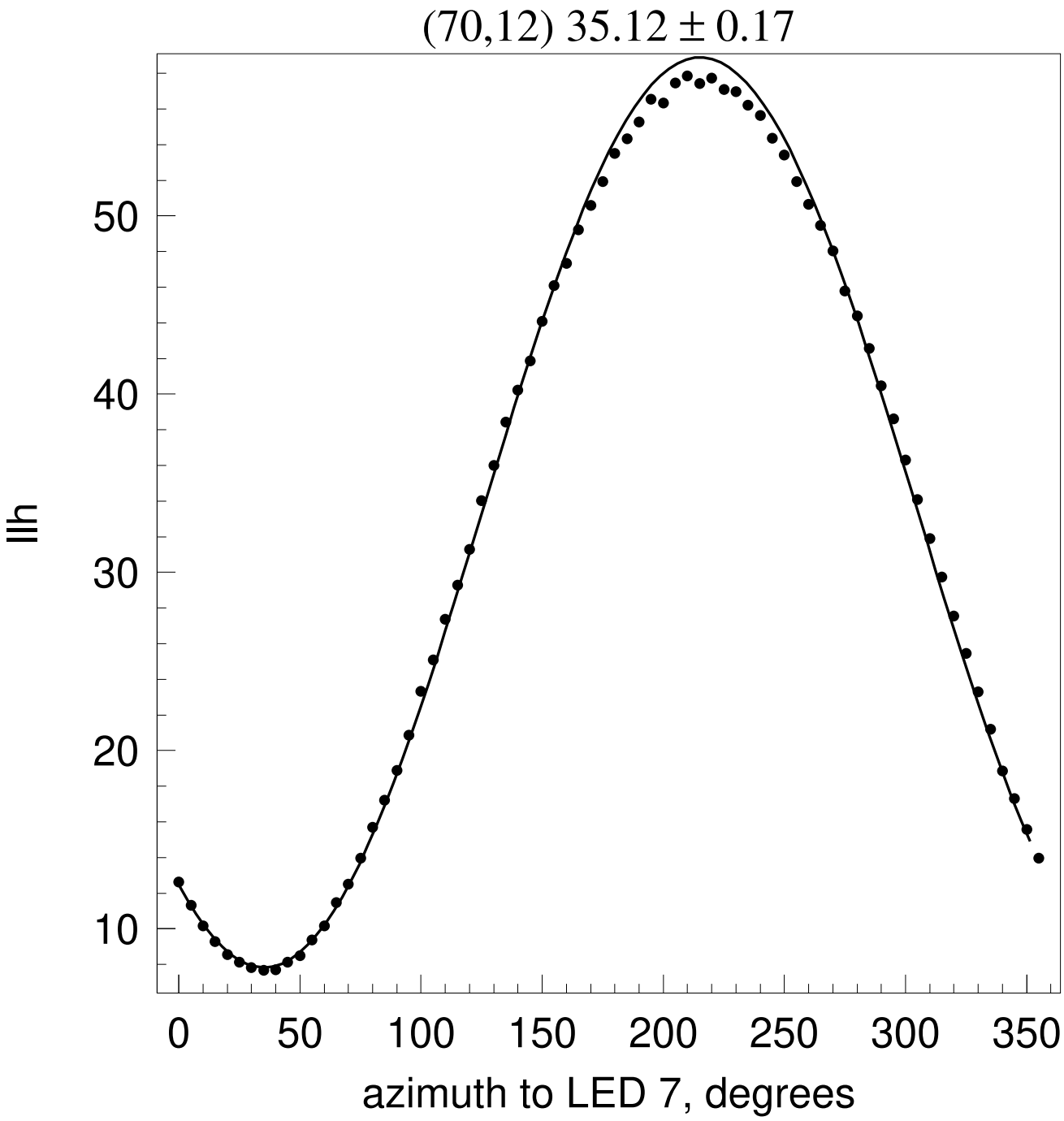

(70,7) 311.91 ± 0.22
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

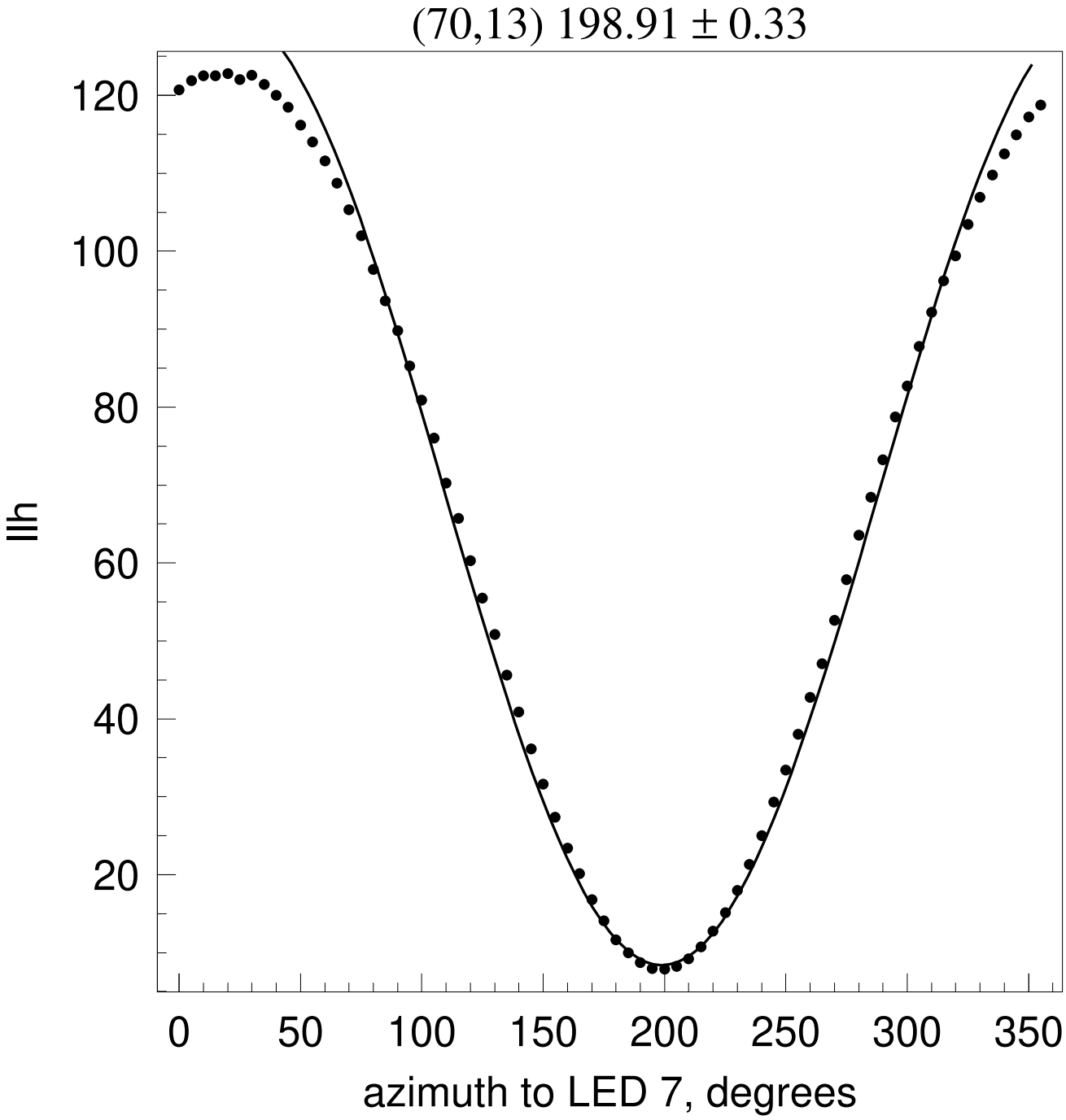

(70,8) 25.54 ± 0.27
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

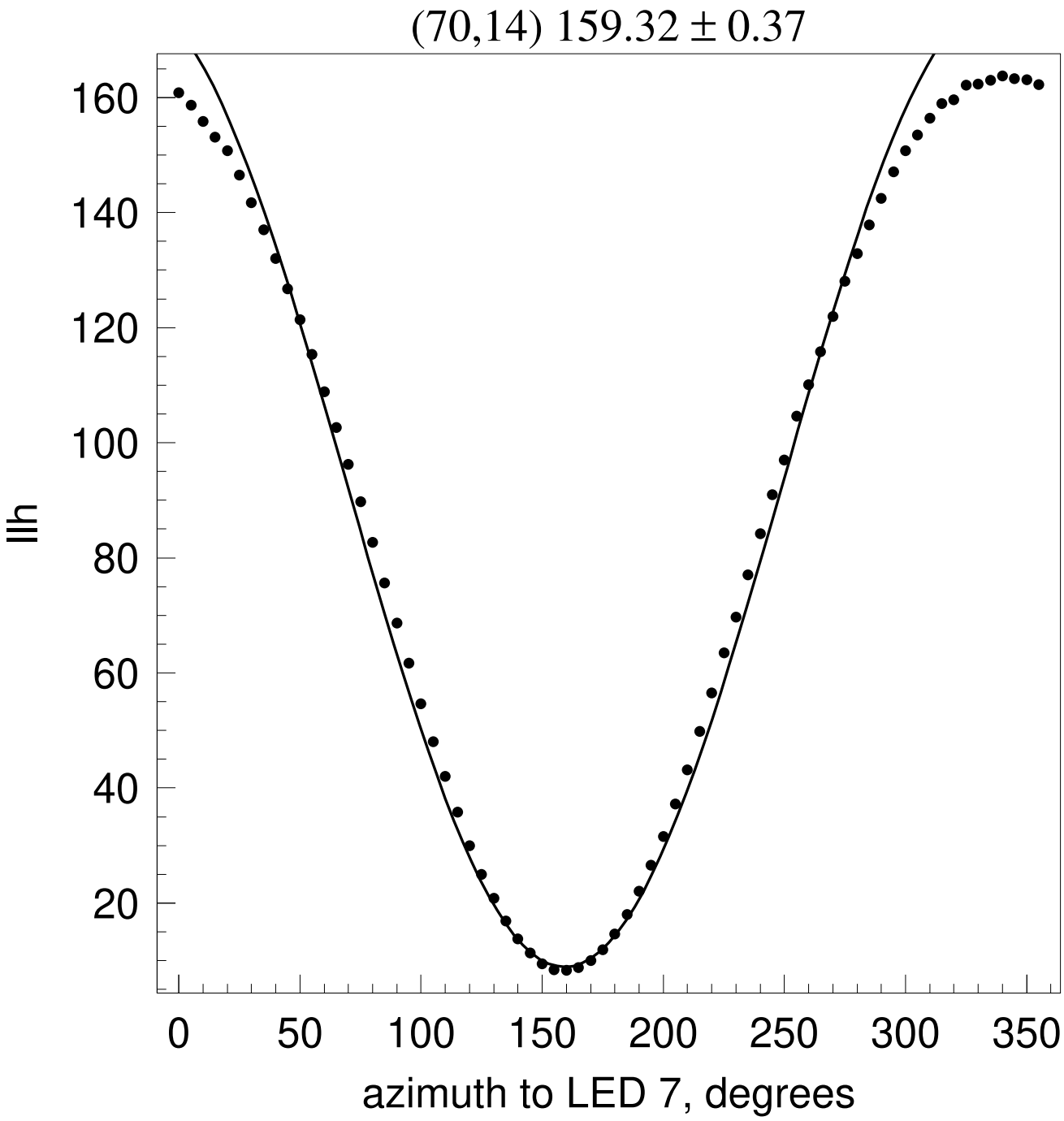

(70,9) 344.64 ± 0.23
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

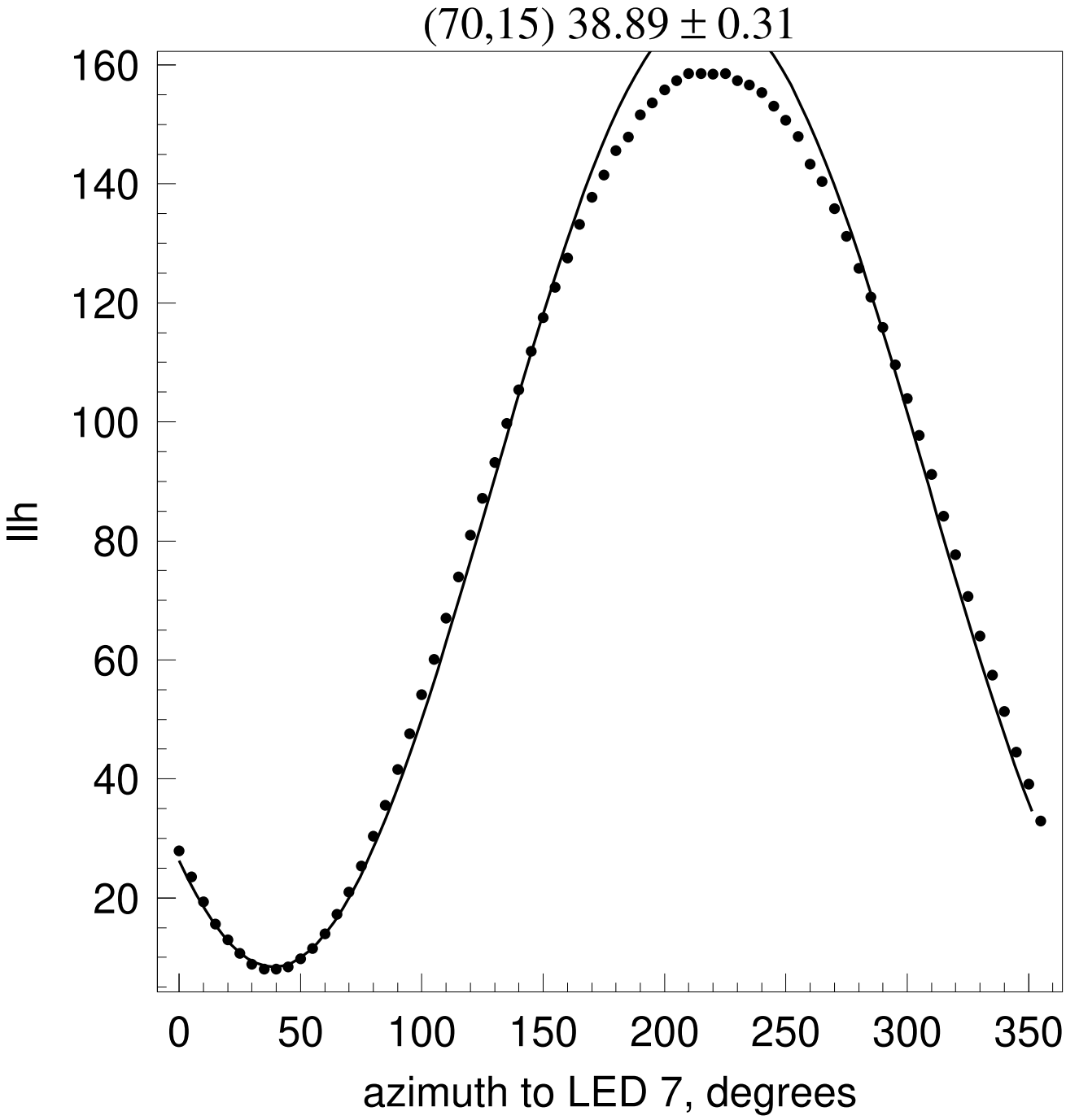

(70,10) 44.38 ± 0.25
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

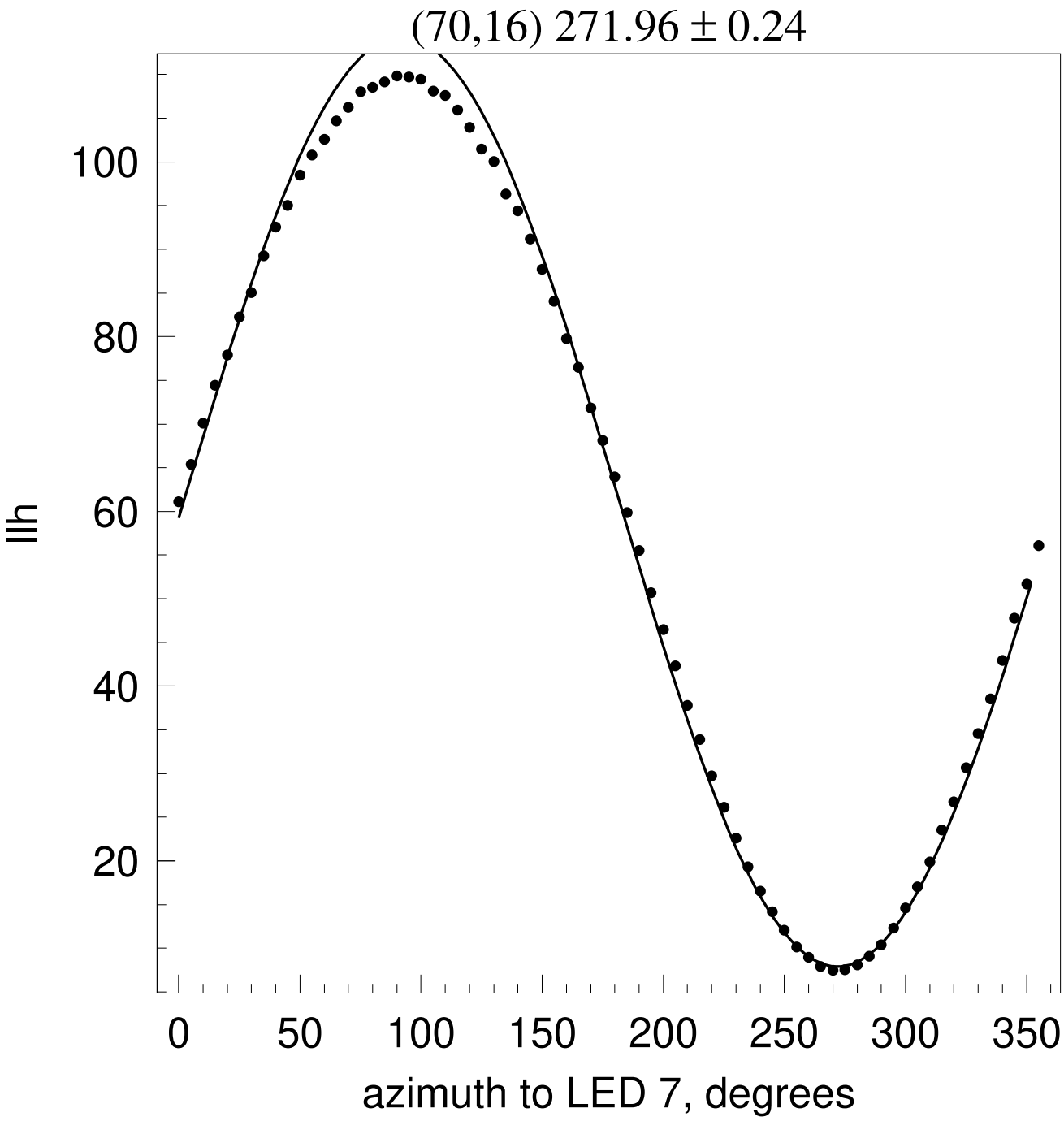

(70,11) 111.51 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

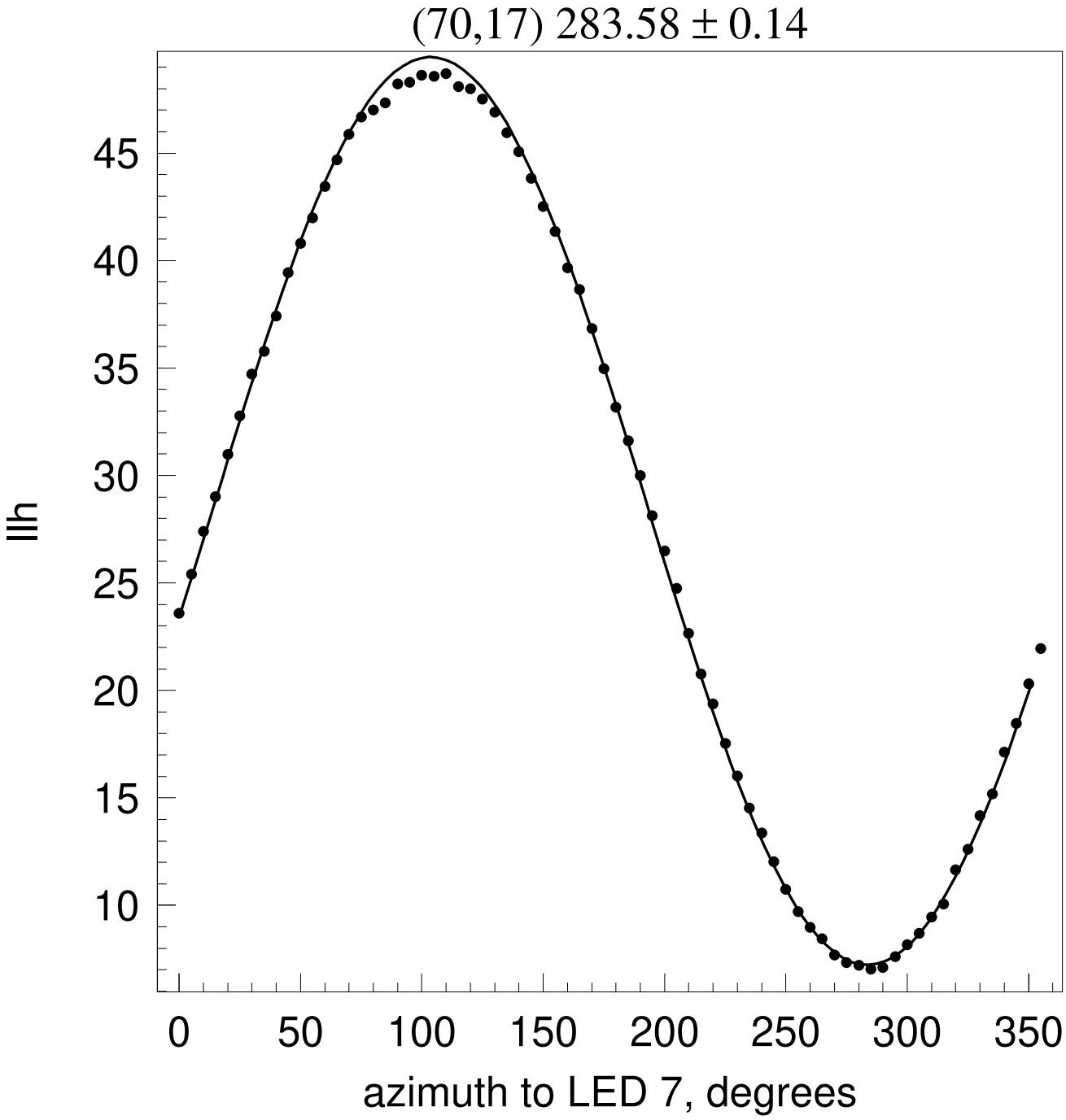

(70,12) 35.12 ± 0.17
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

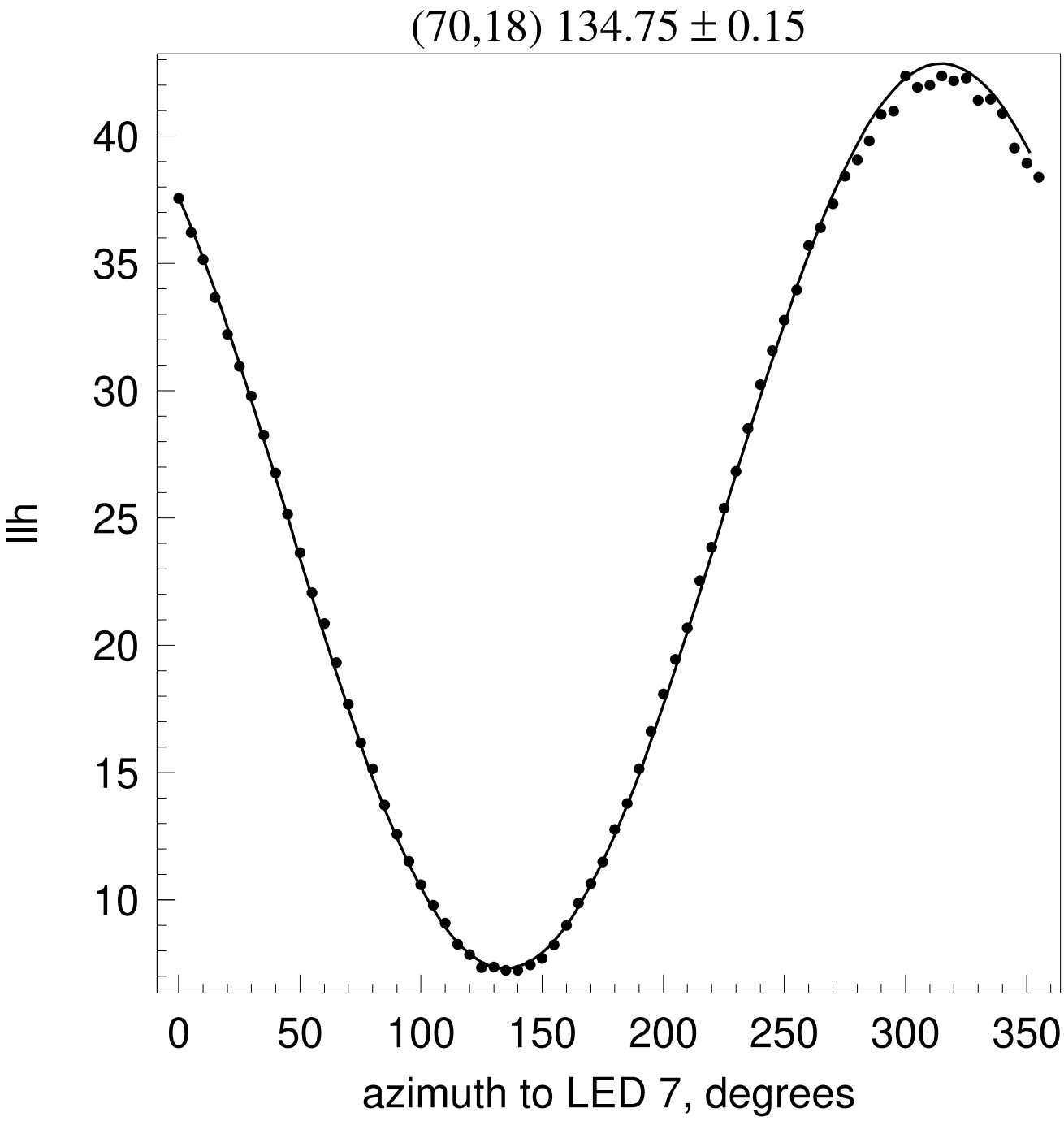

(70,13) 198.91 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

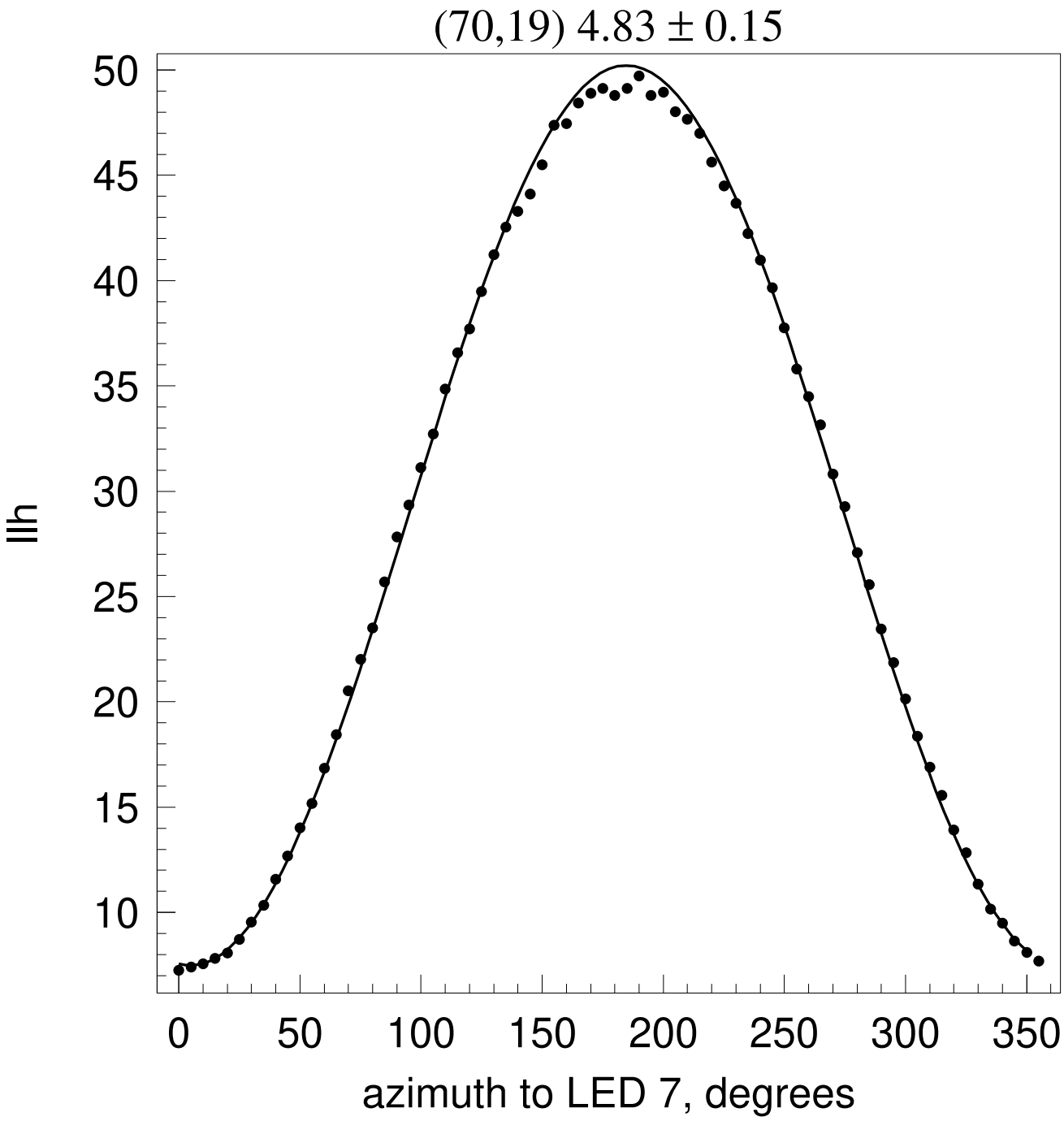

(70,14) 159.32 ± 0.37
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

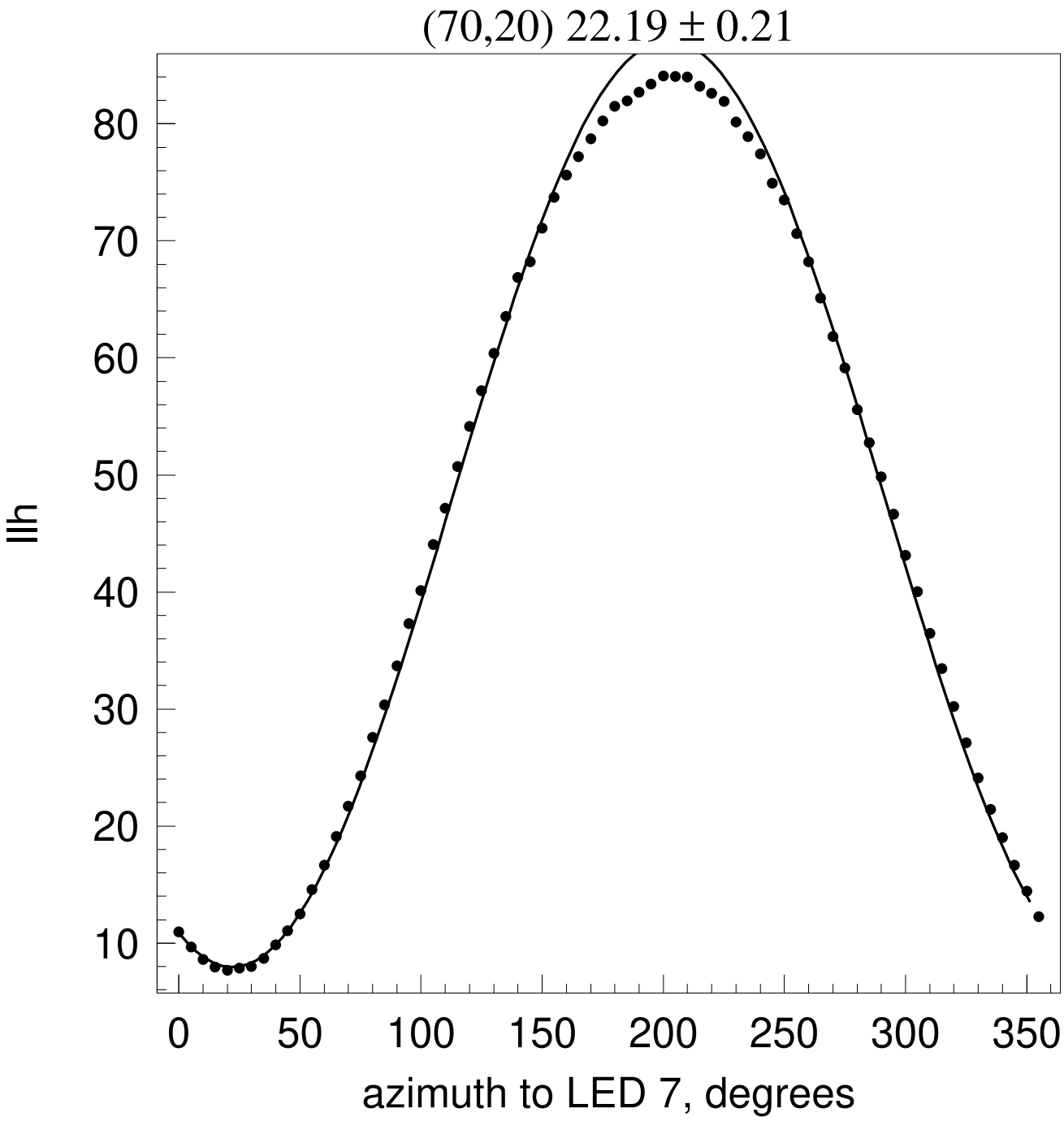

(70,15) 38.89 ± 0.31
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

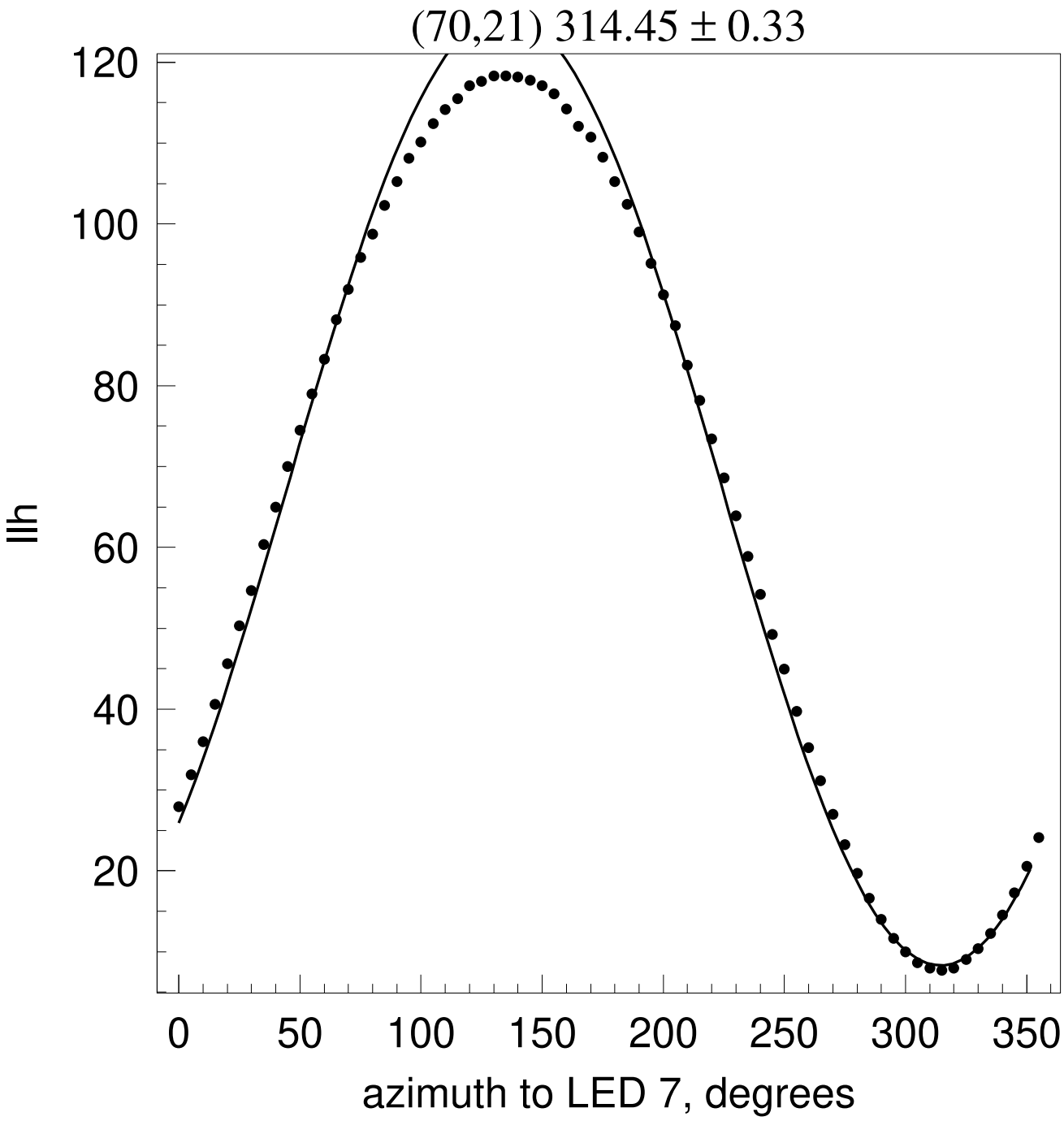

(70,16) 271.96 ± 0.24
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

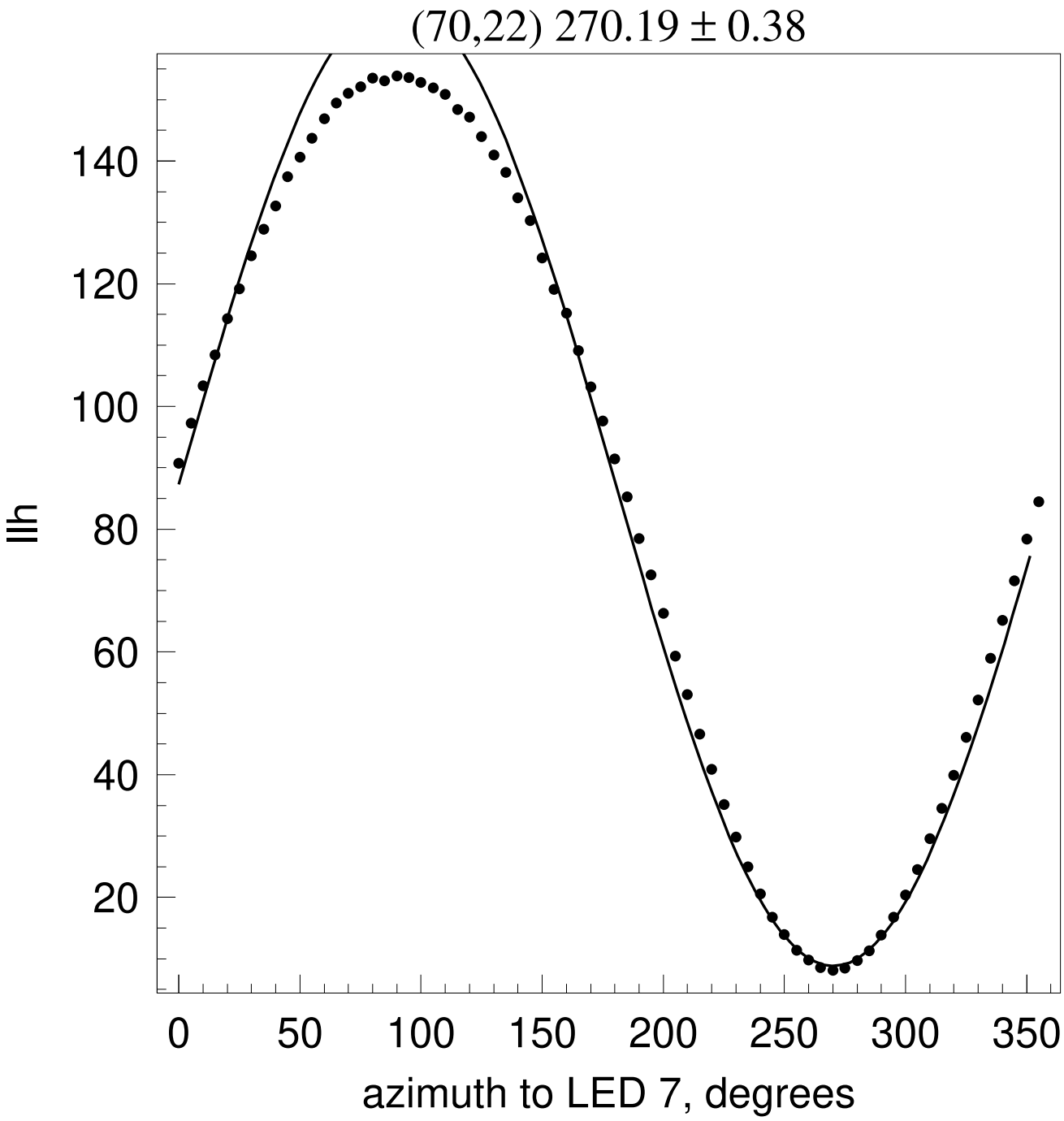

(70,17) 283.58 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

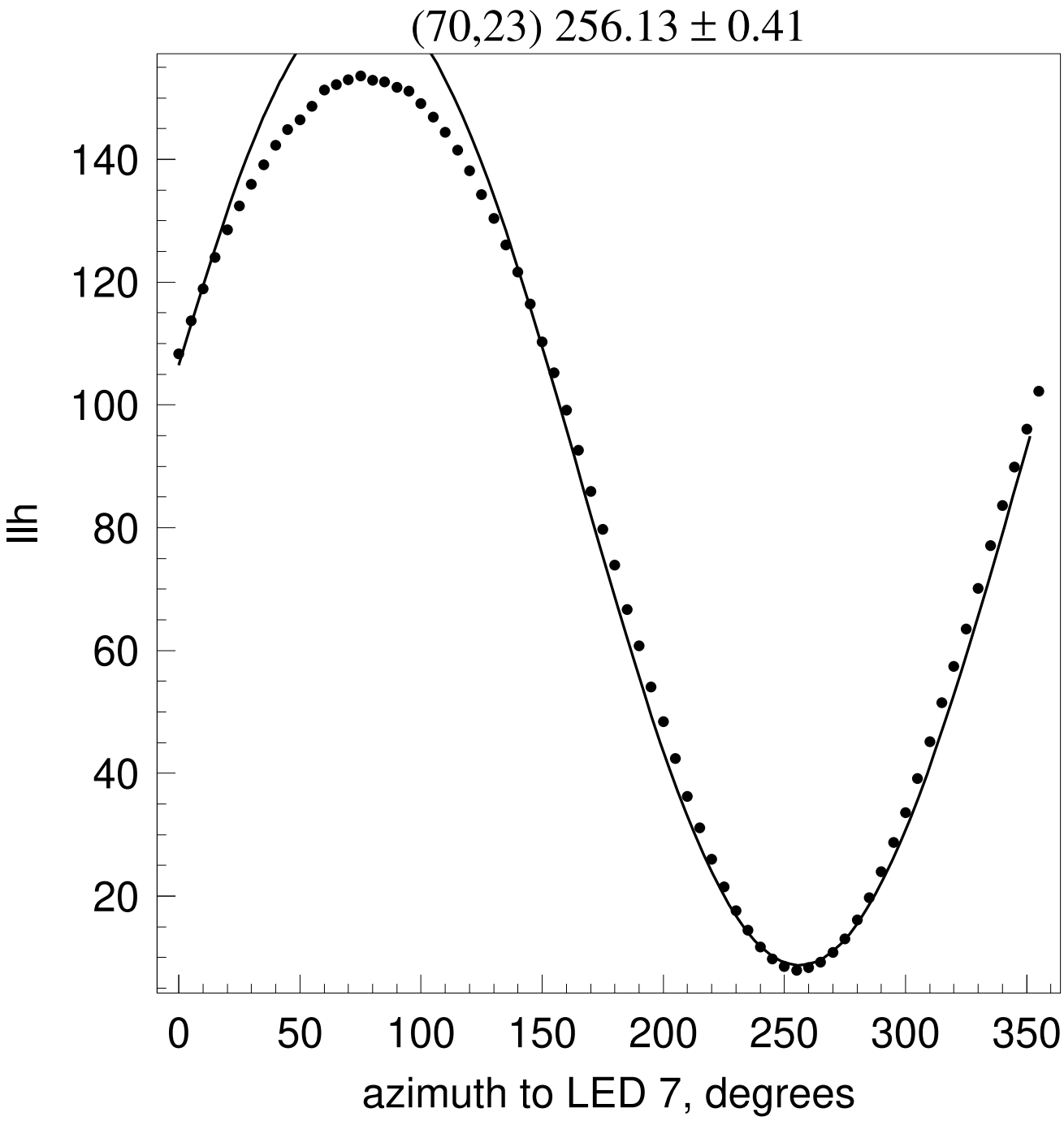

(70,18) 134.75 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

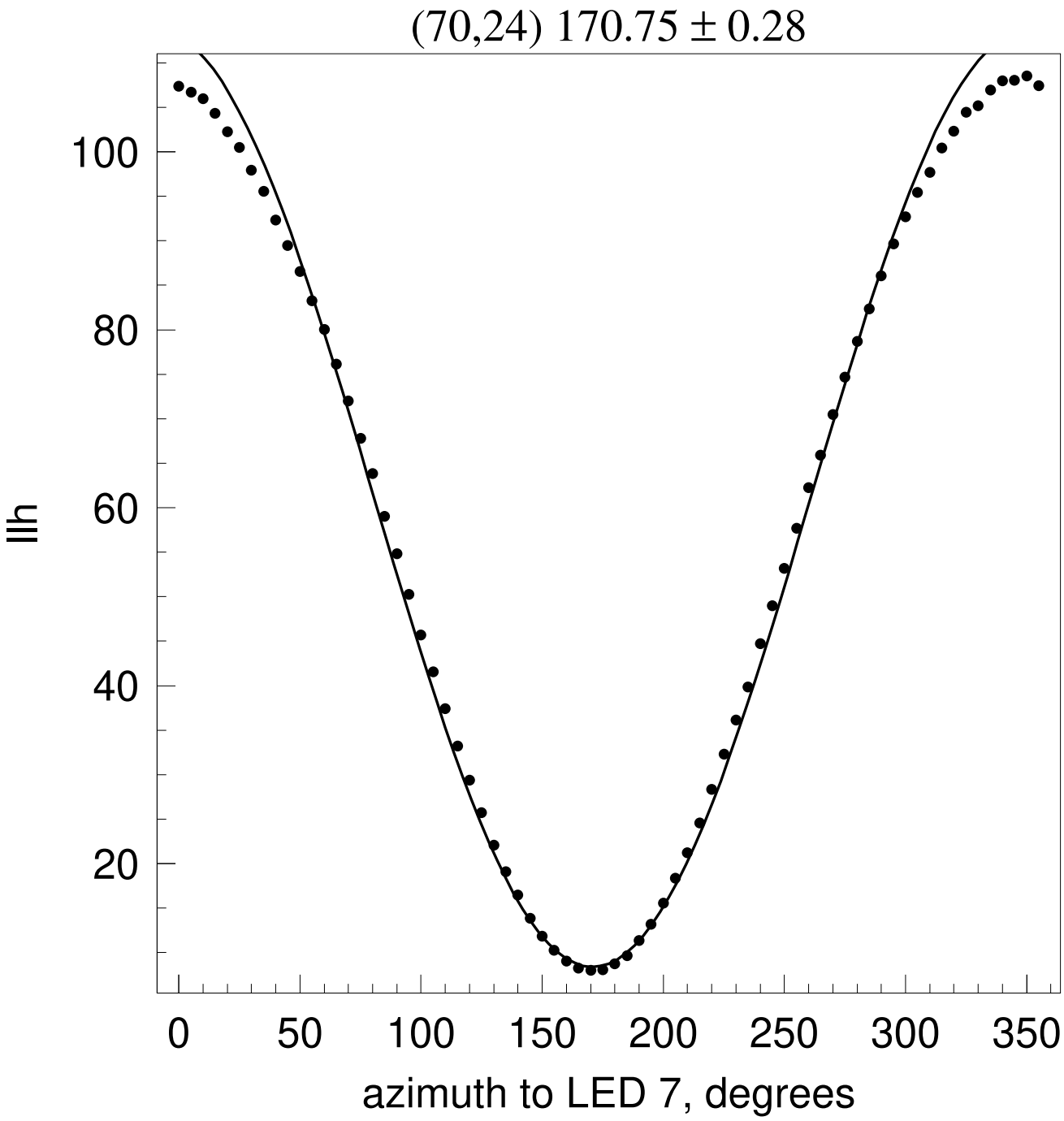

(70,19) 4.83 ± 0.15
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

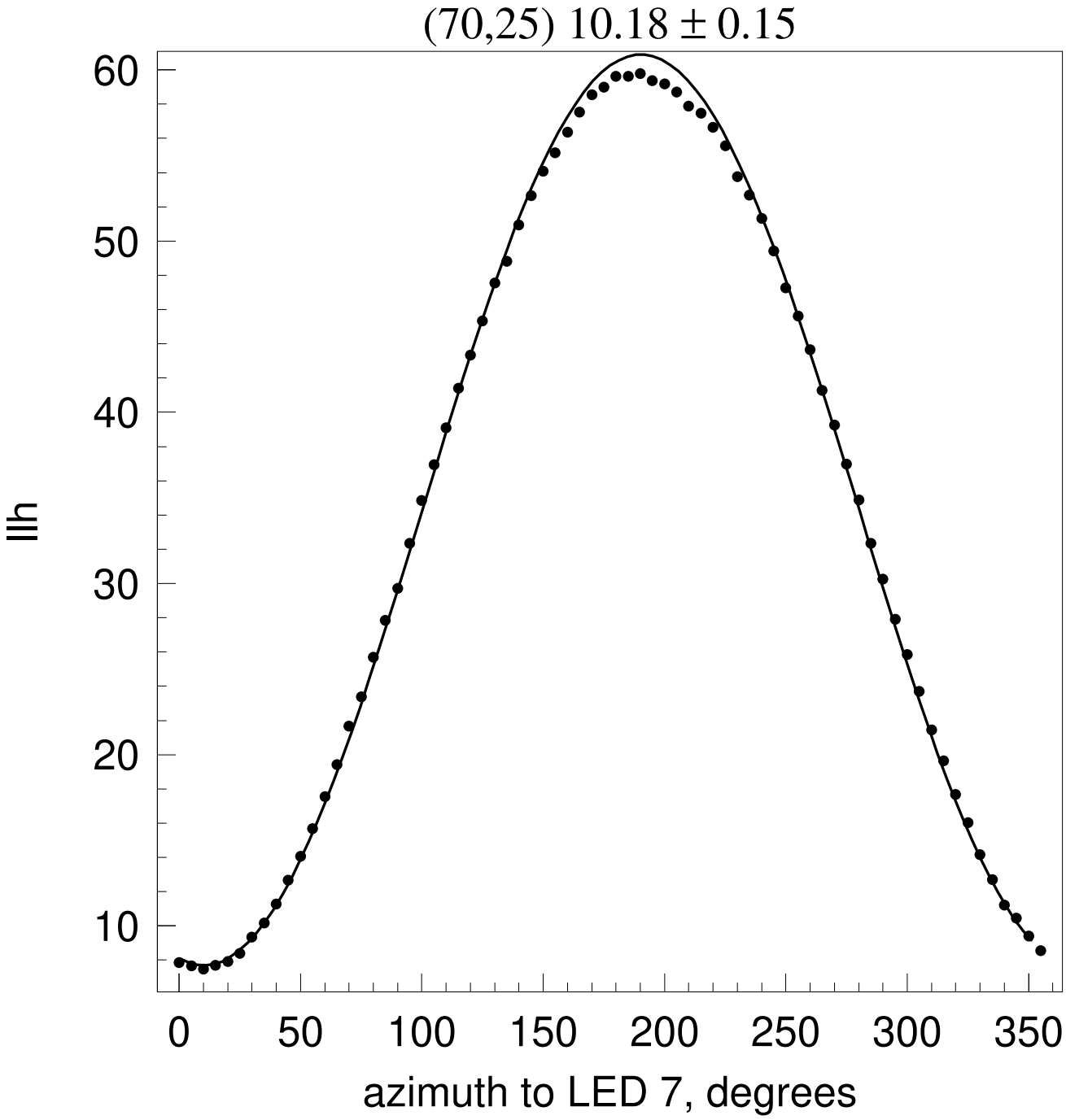

(70,20) 22.19 ± 0.21
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

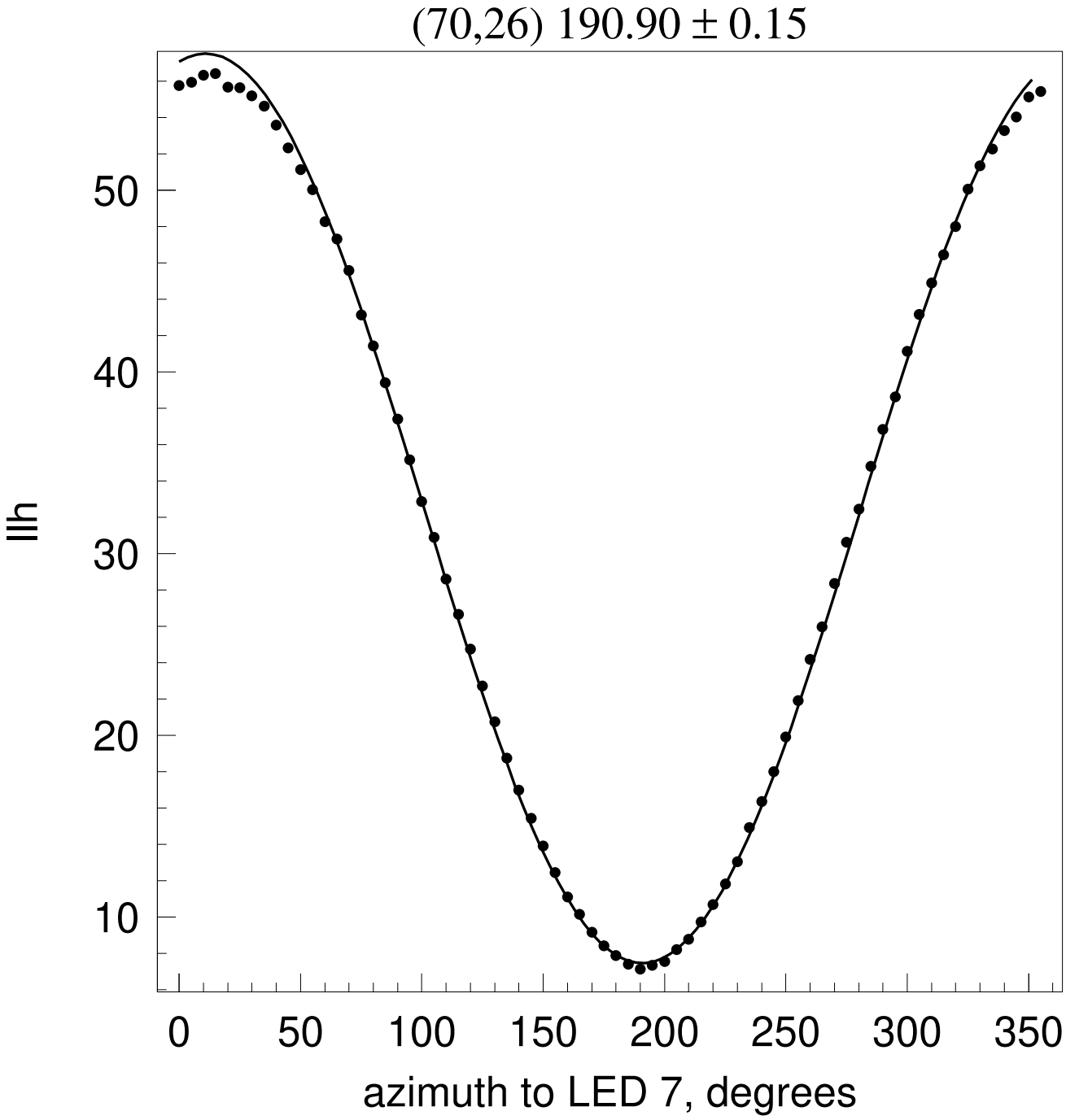

(70,21) 314.45 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

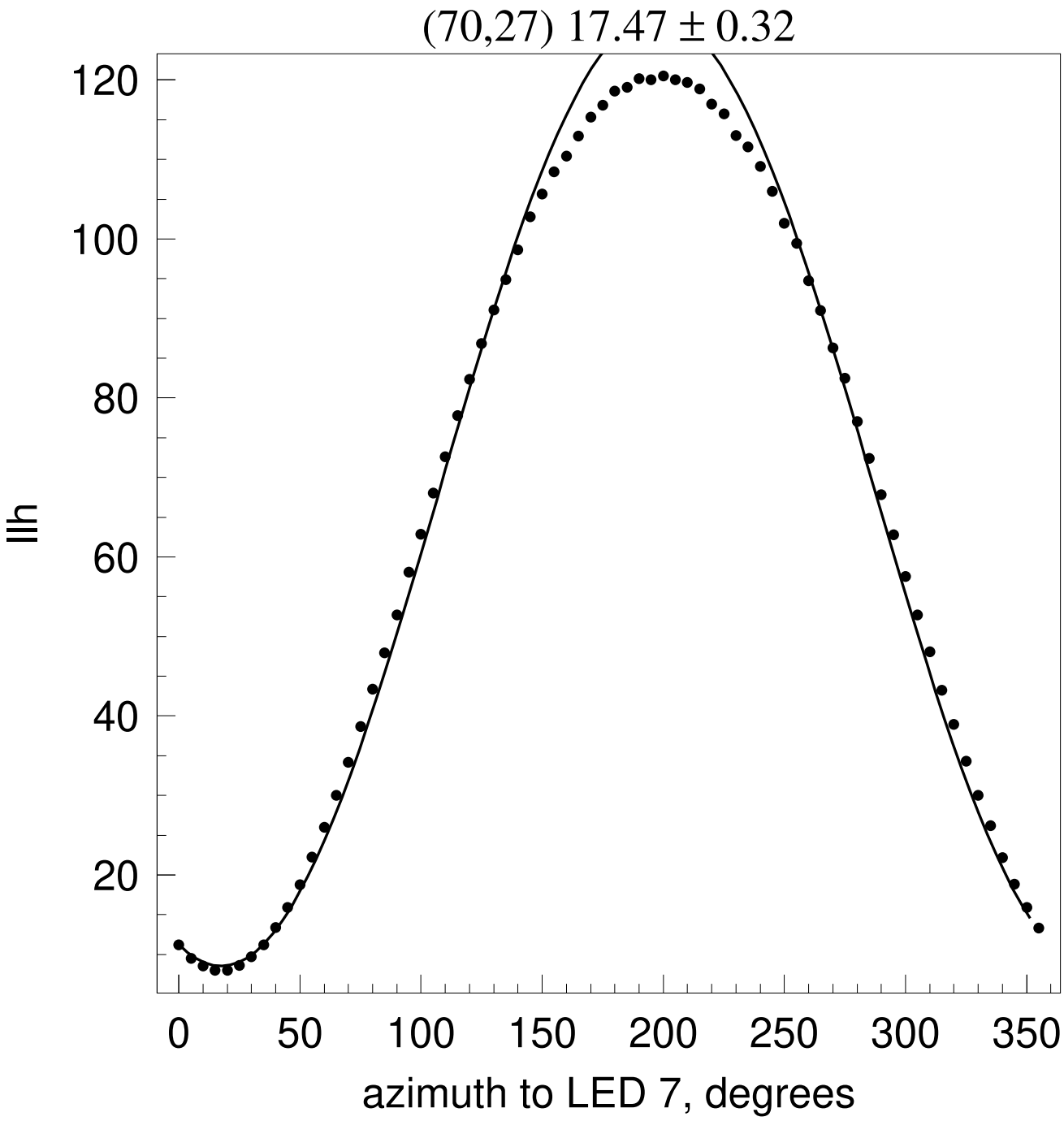

(70,22) 270.19 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

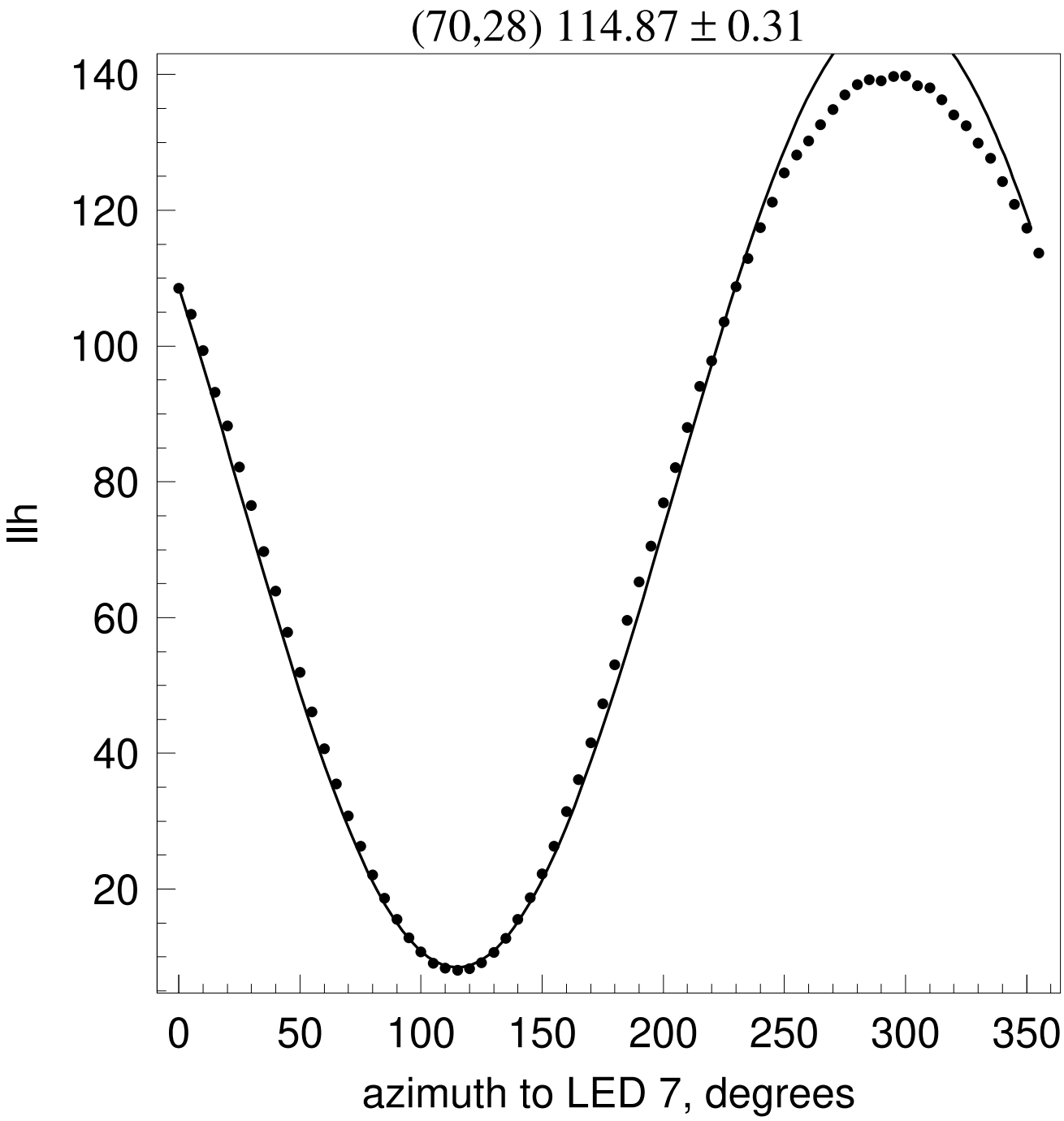

(70,23) 256.13 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

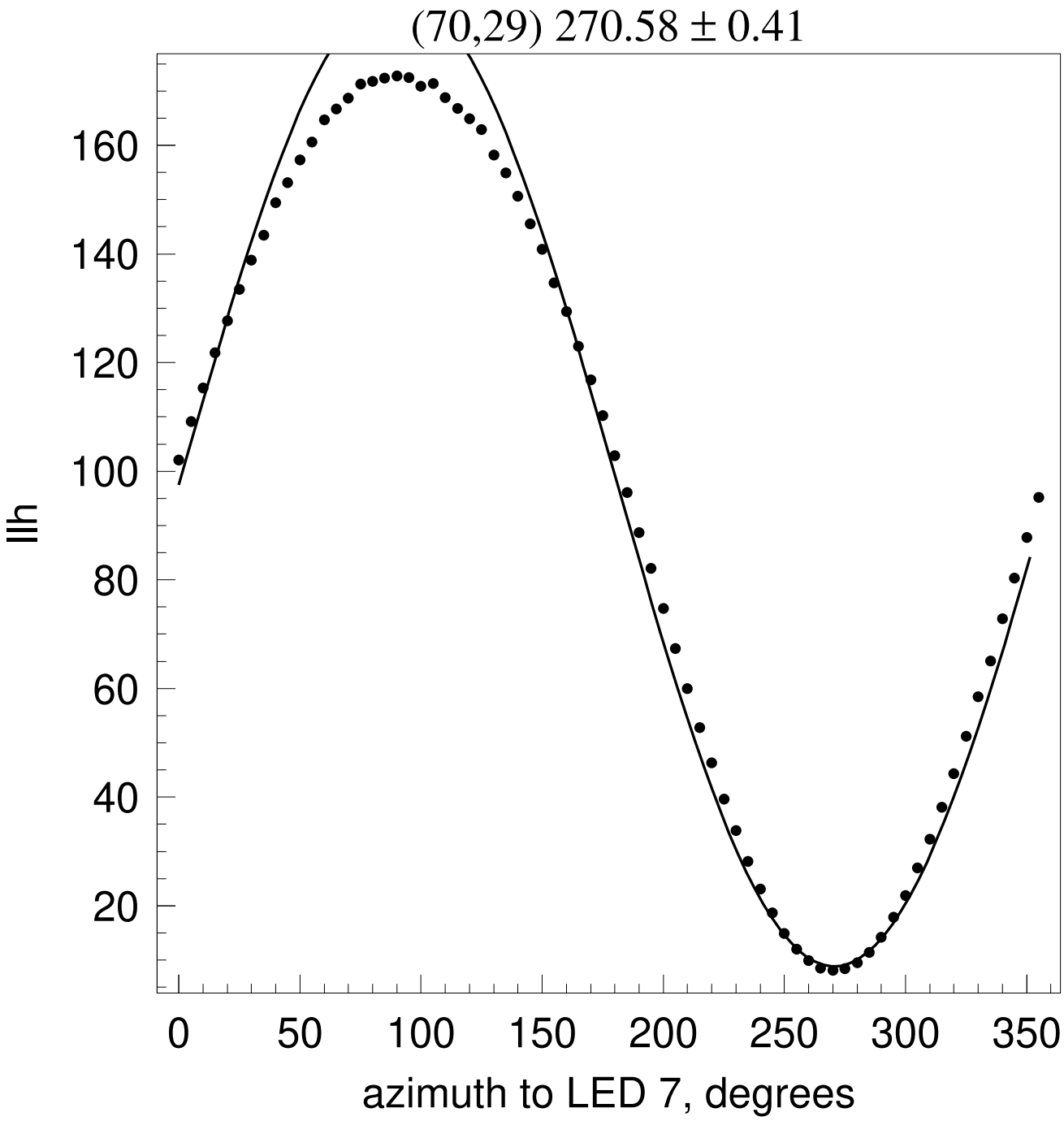

(70,24) 170.75 ± 0.28
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

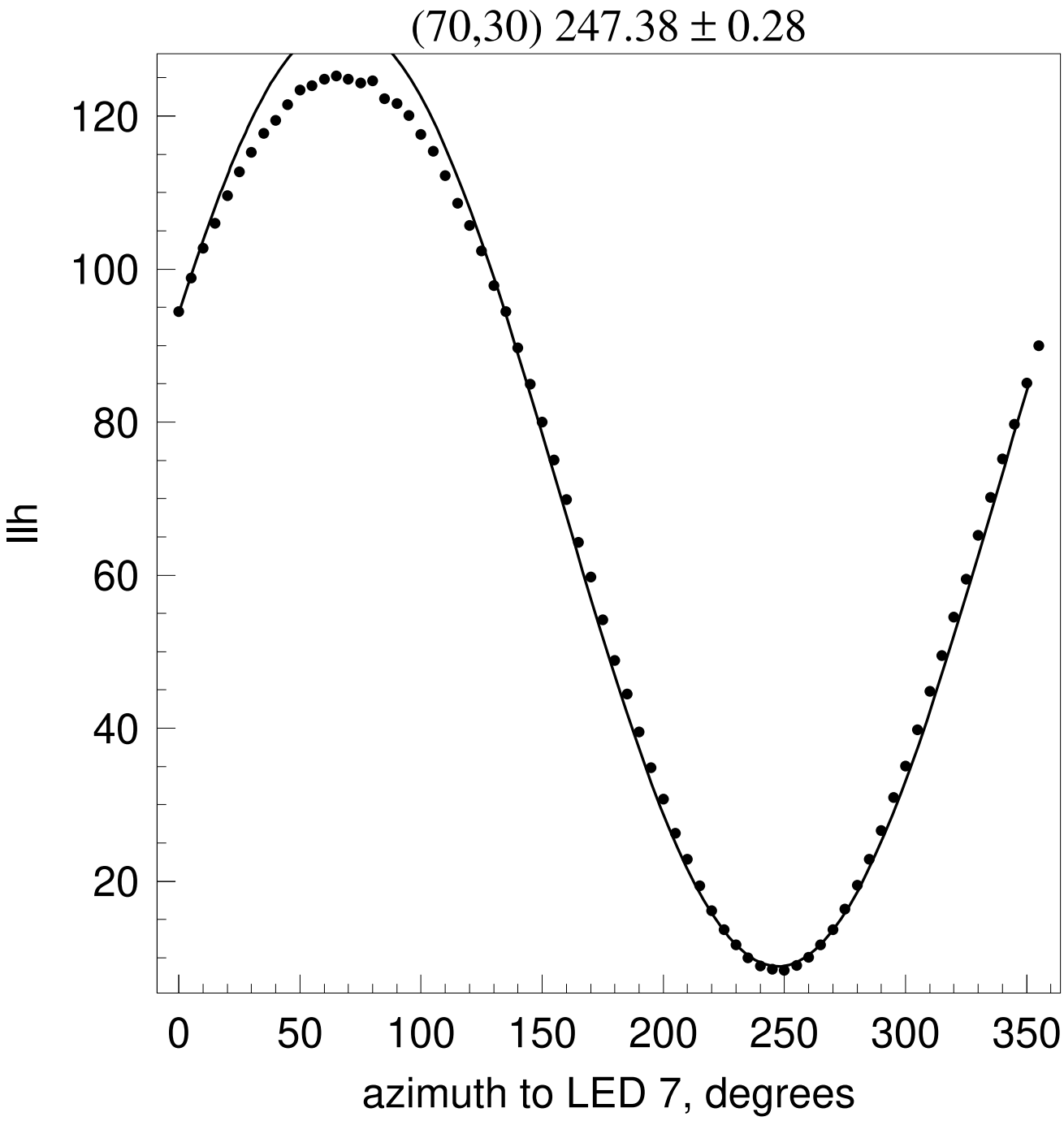

(70,25) 10.18 ± 0.15
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

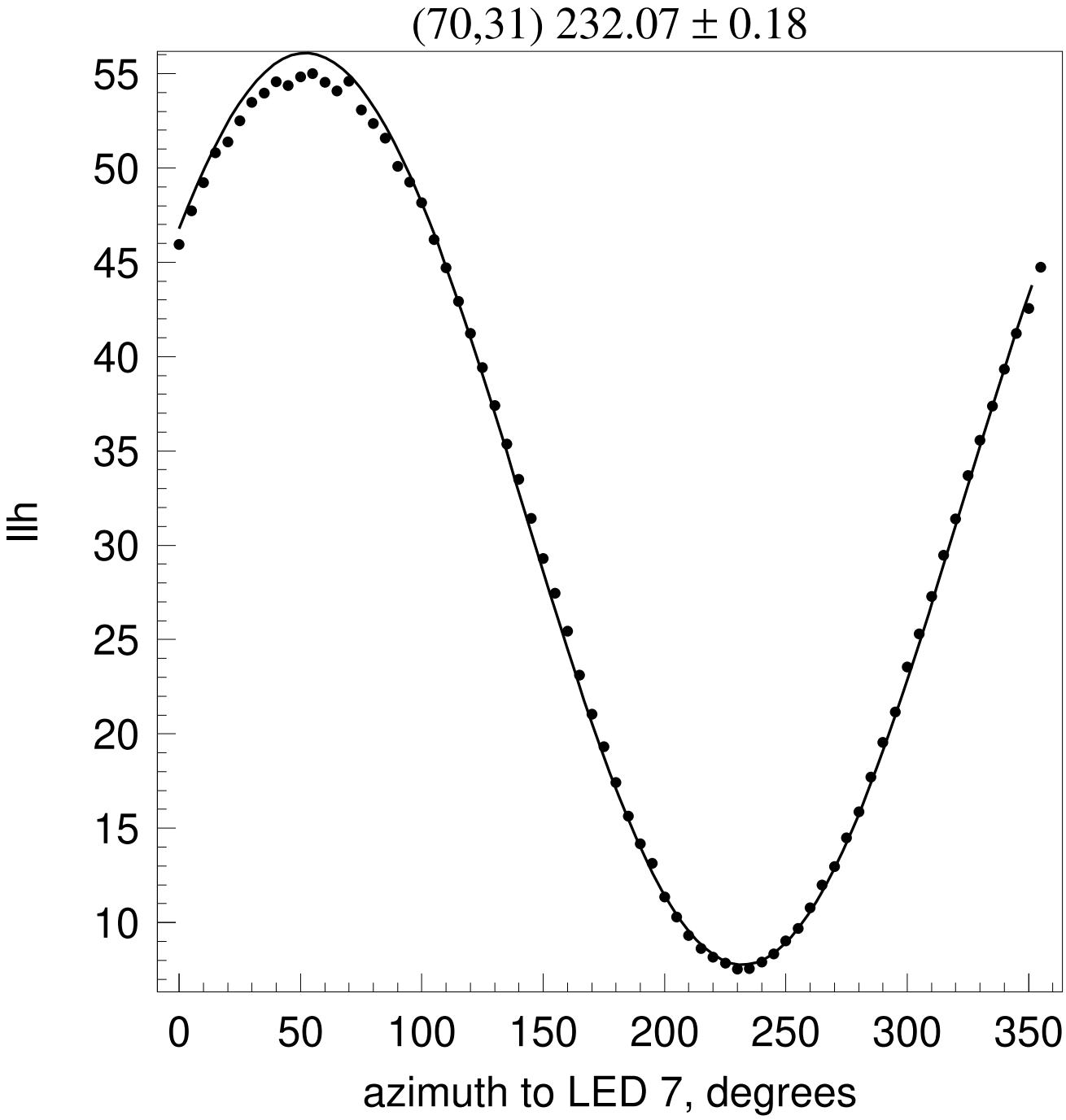

(70,26) 190.90 ± 0.15
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

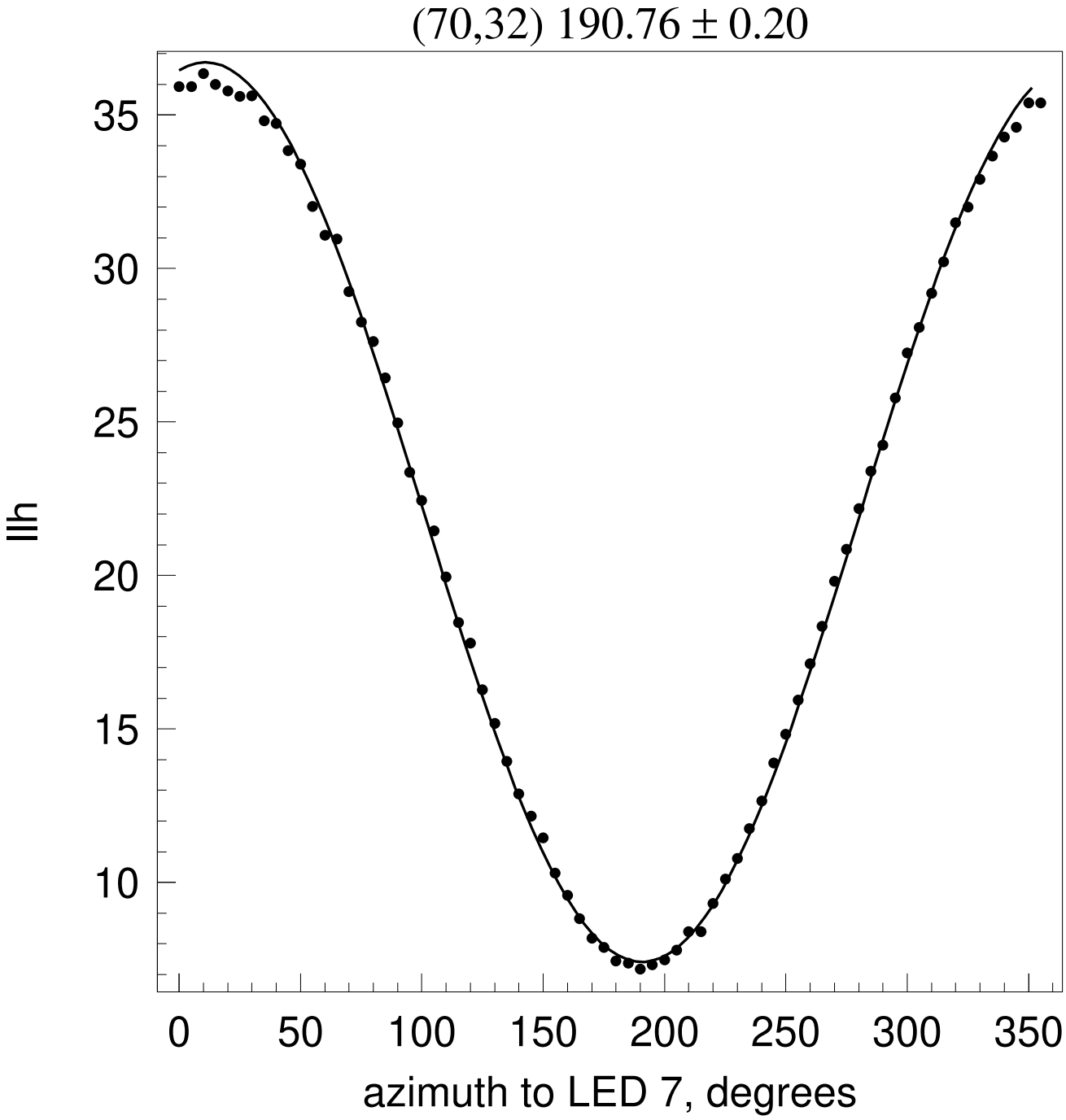

(70,27) 17.47 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

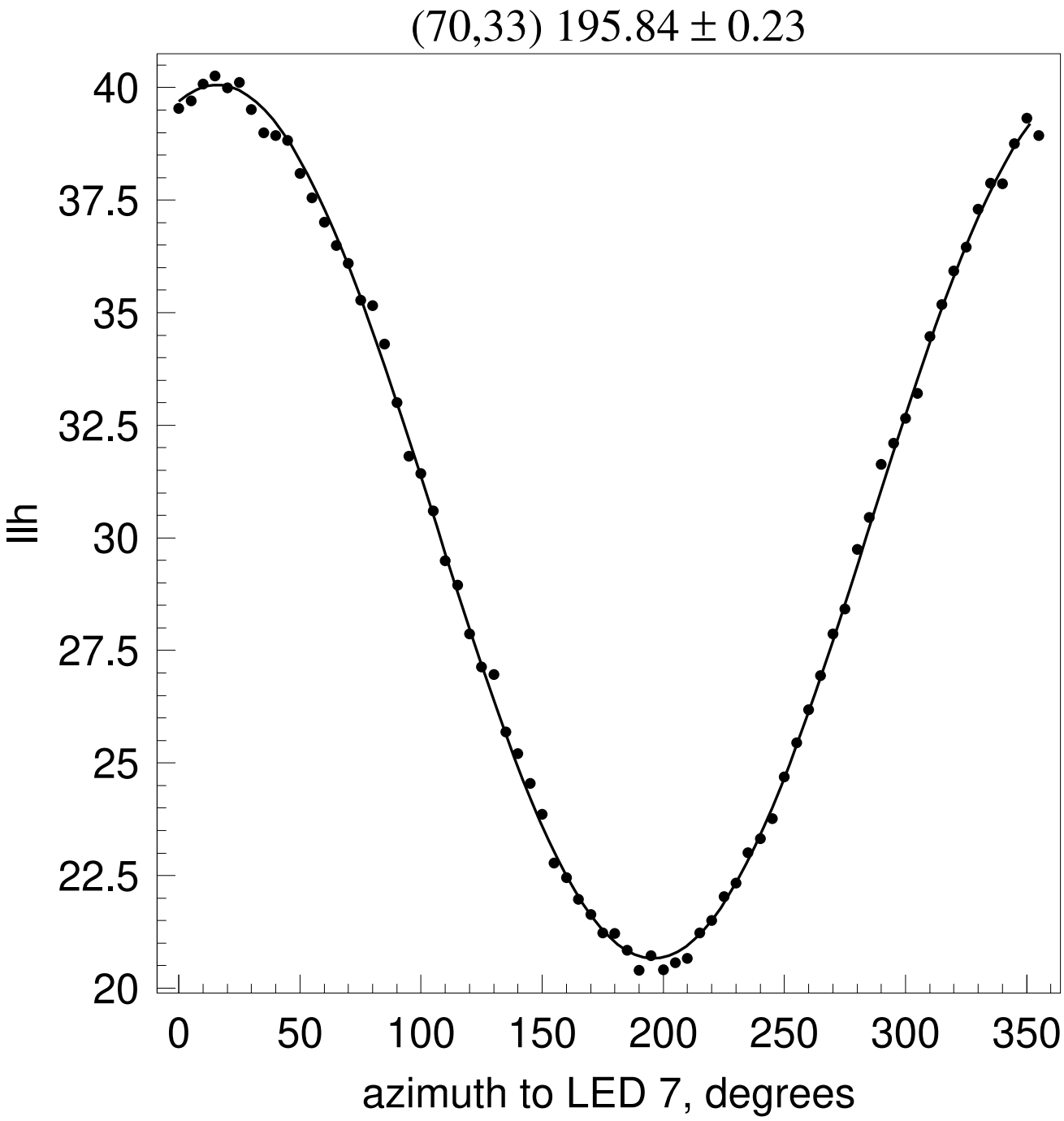

(70,28) 114.87 ± 0.31
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

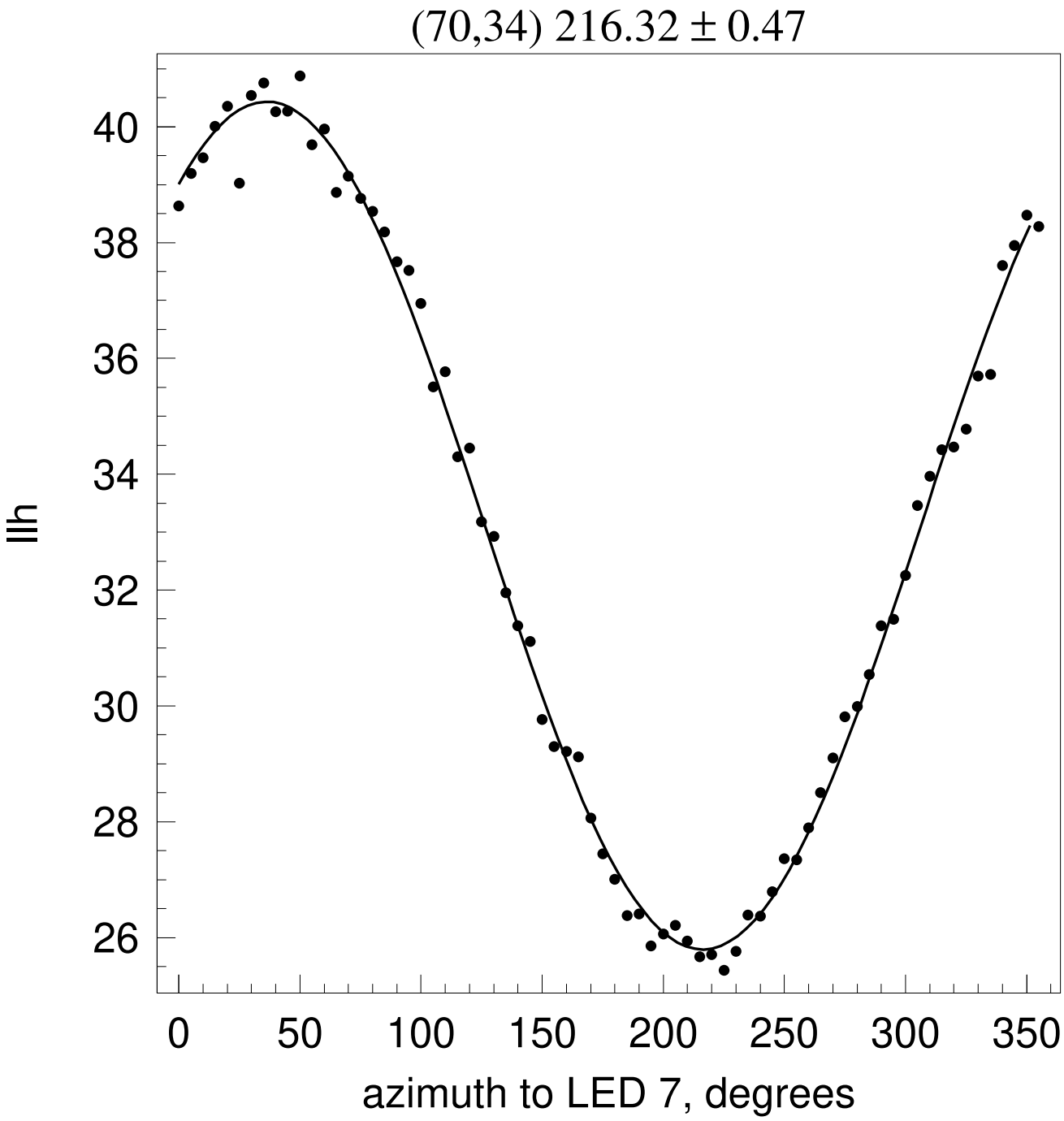

(70,29) 270.58 ± 0.41
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

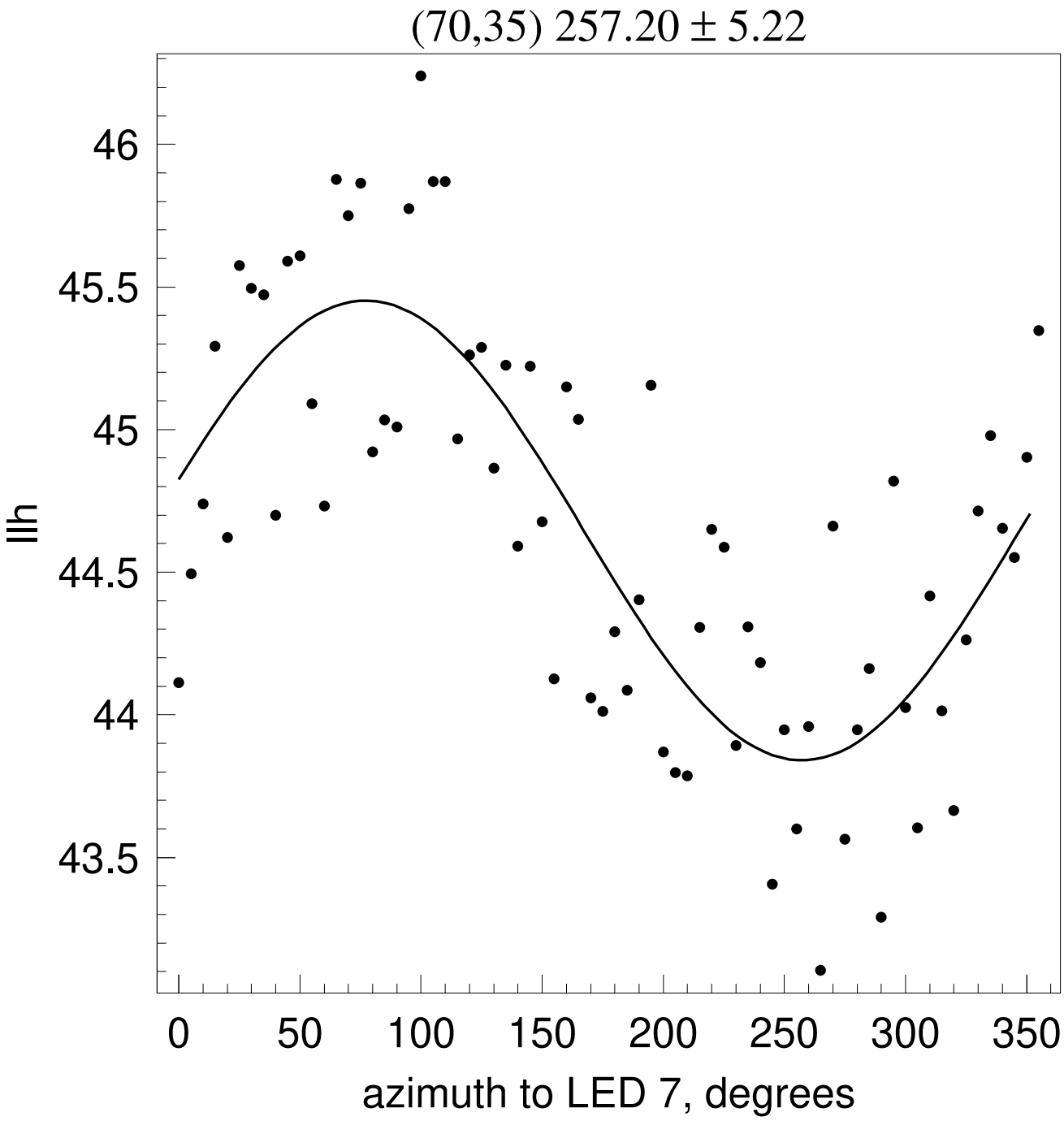

(70,30) 247.38 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

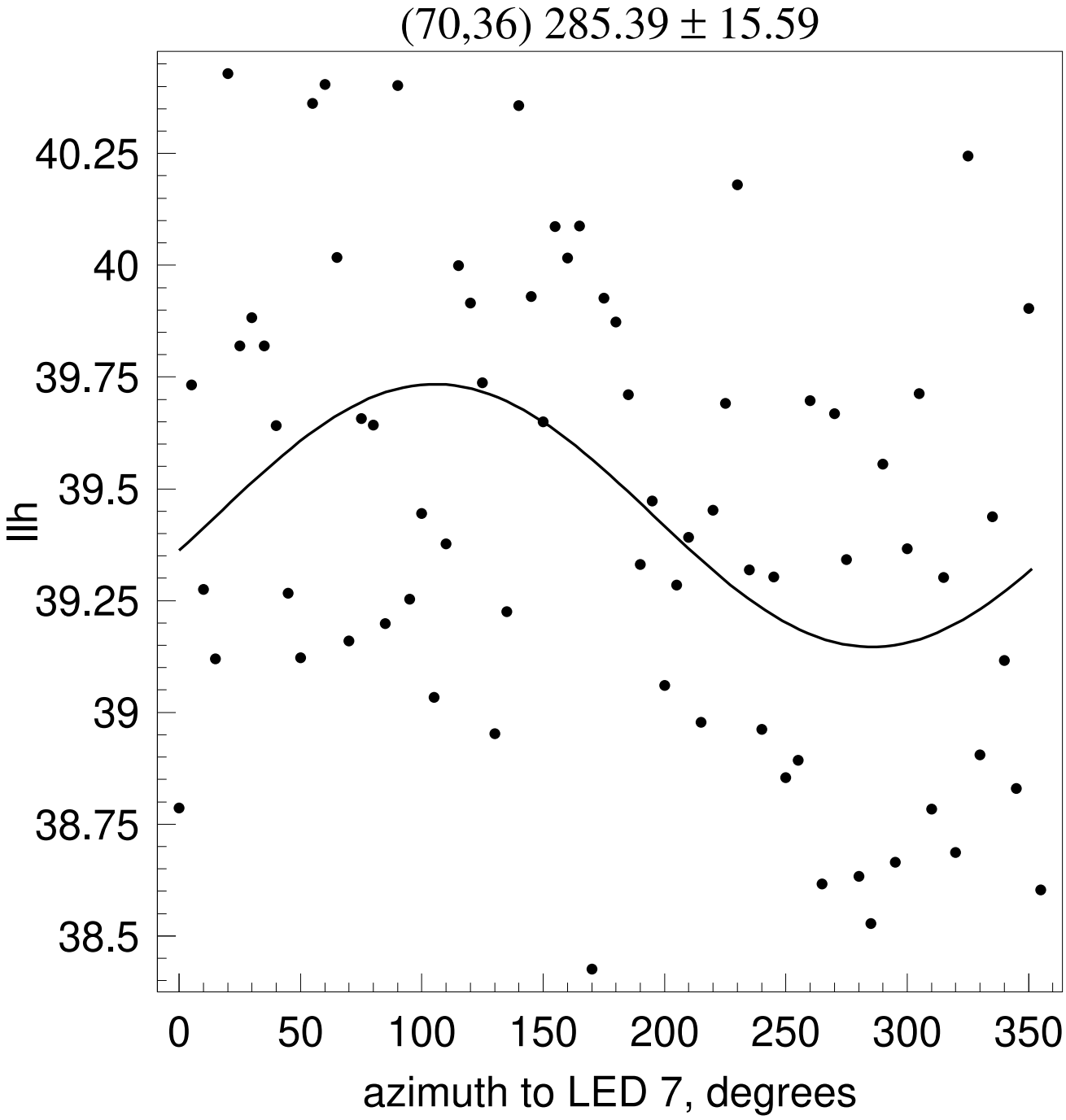

(70,31) 232.07 ± 0.18
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

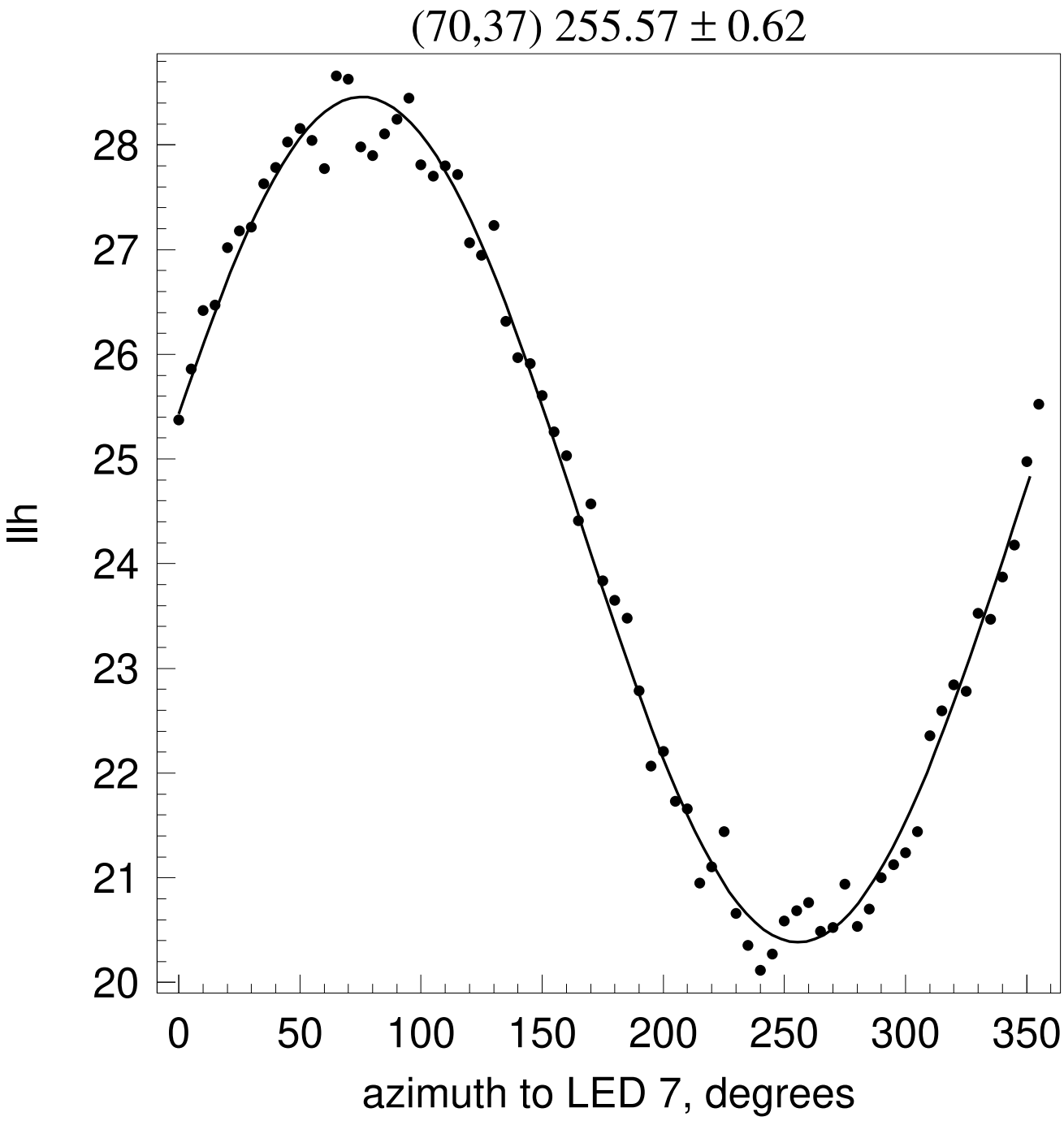

(70,32) 190.76 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

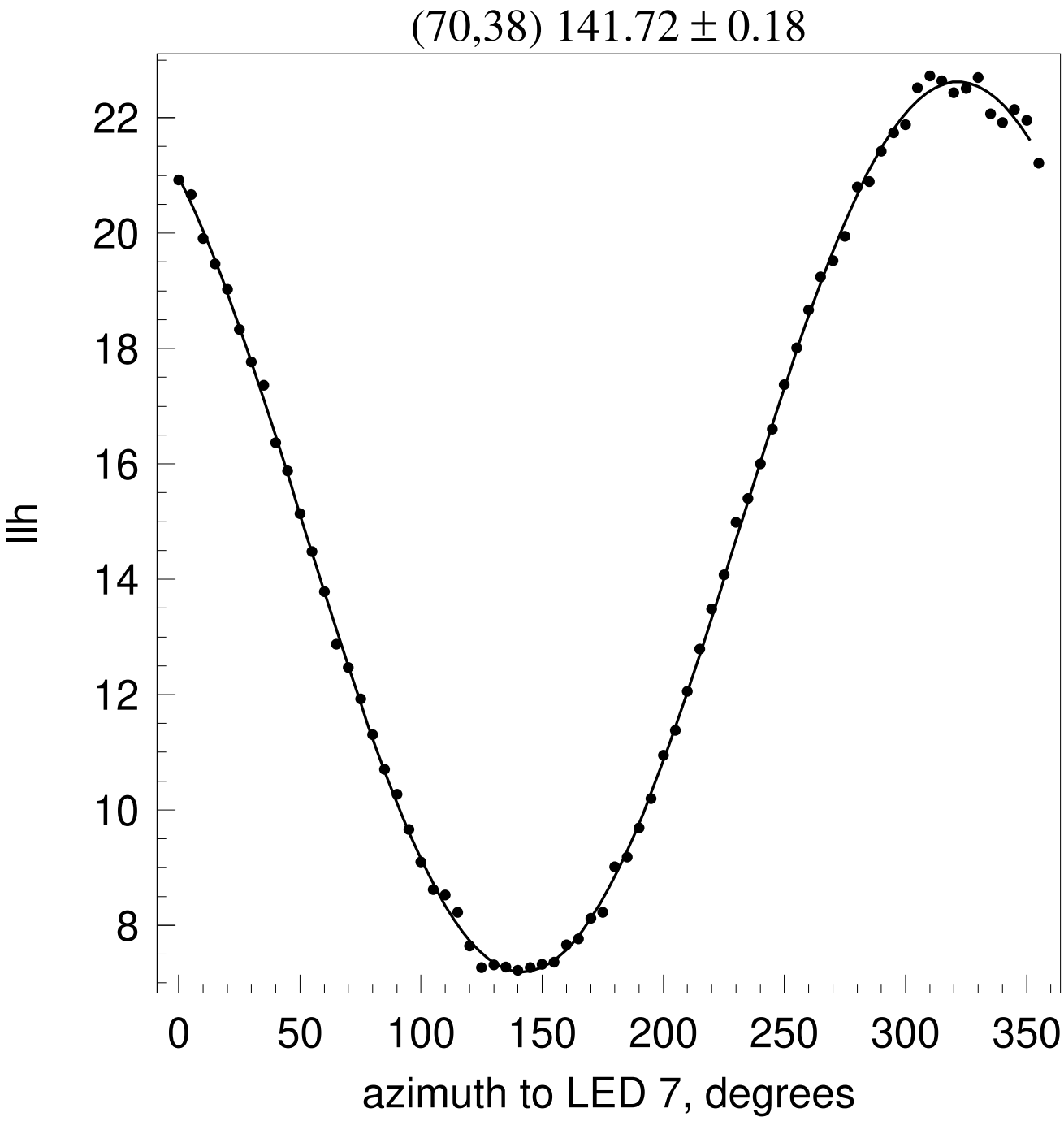

(70,33) 195.84 ± 0.23
40
37.5
35
32.5
30
27.5
25
22.5
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

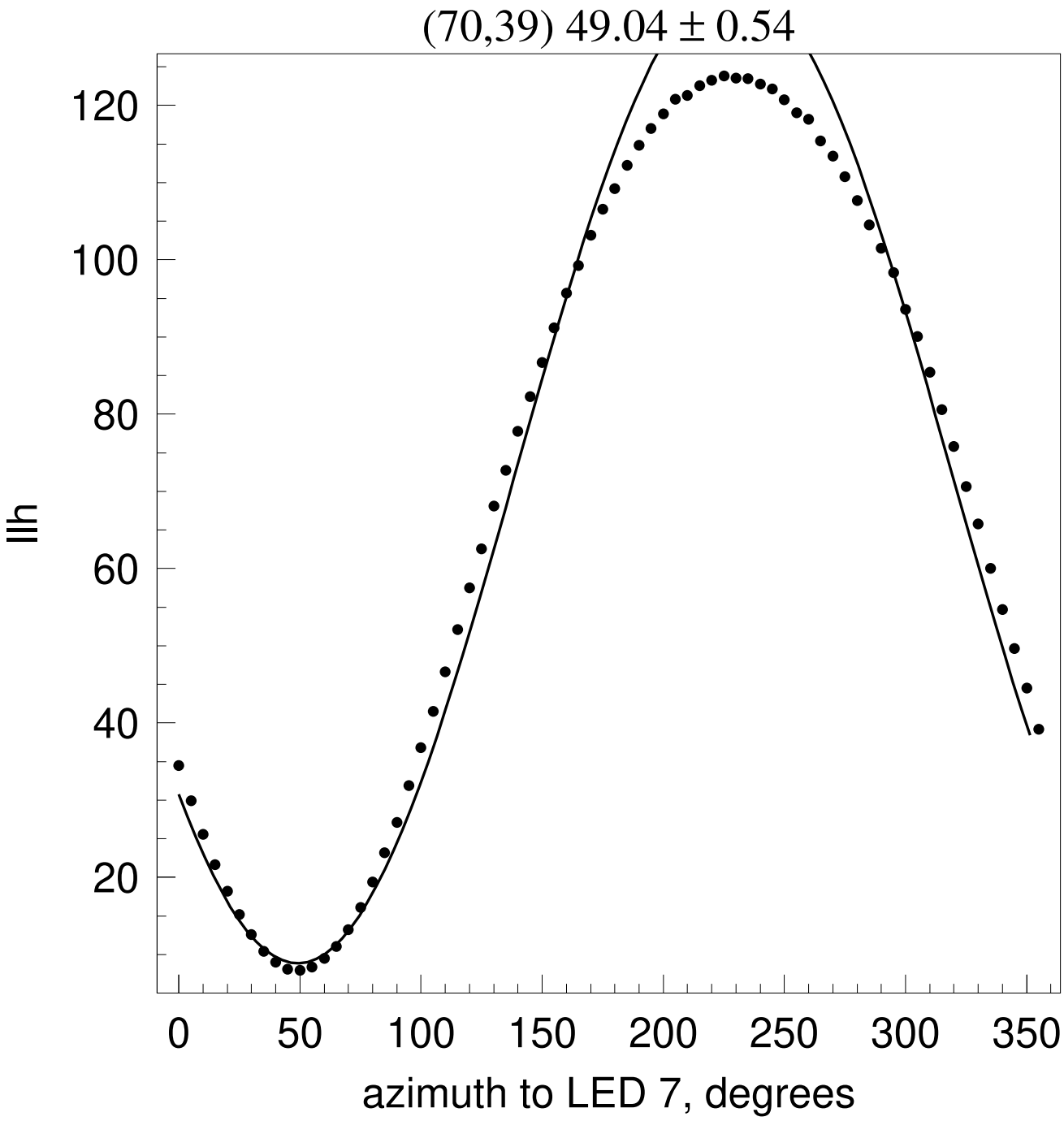

(70,34) 216.32 ± 0.47
40
38
36
34
32
30
28
26
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

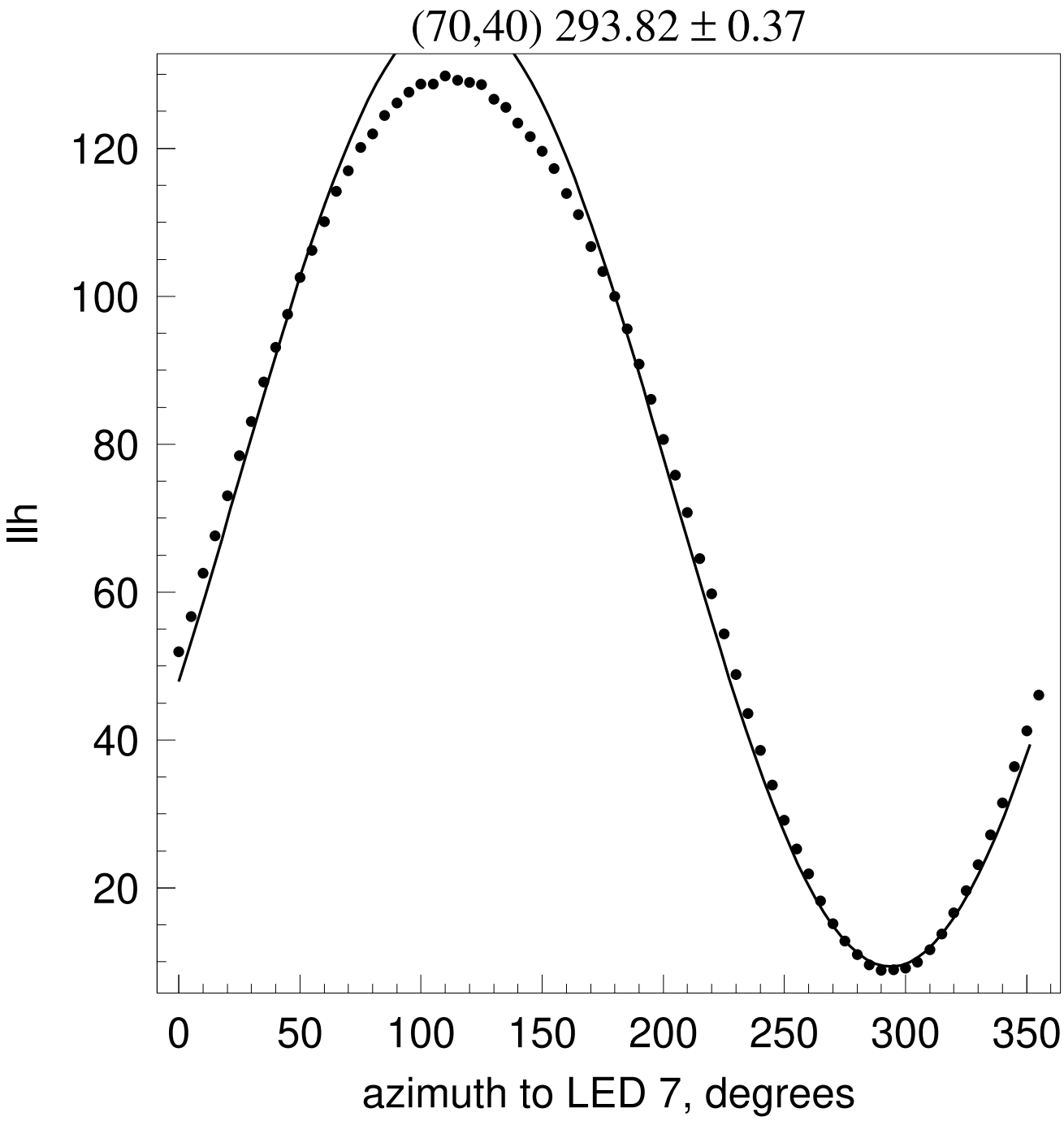

(70,35) 257.20 ± 5.22
46
45.5
45
44.5
44
43.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

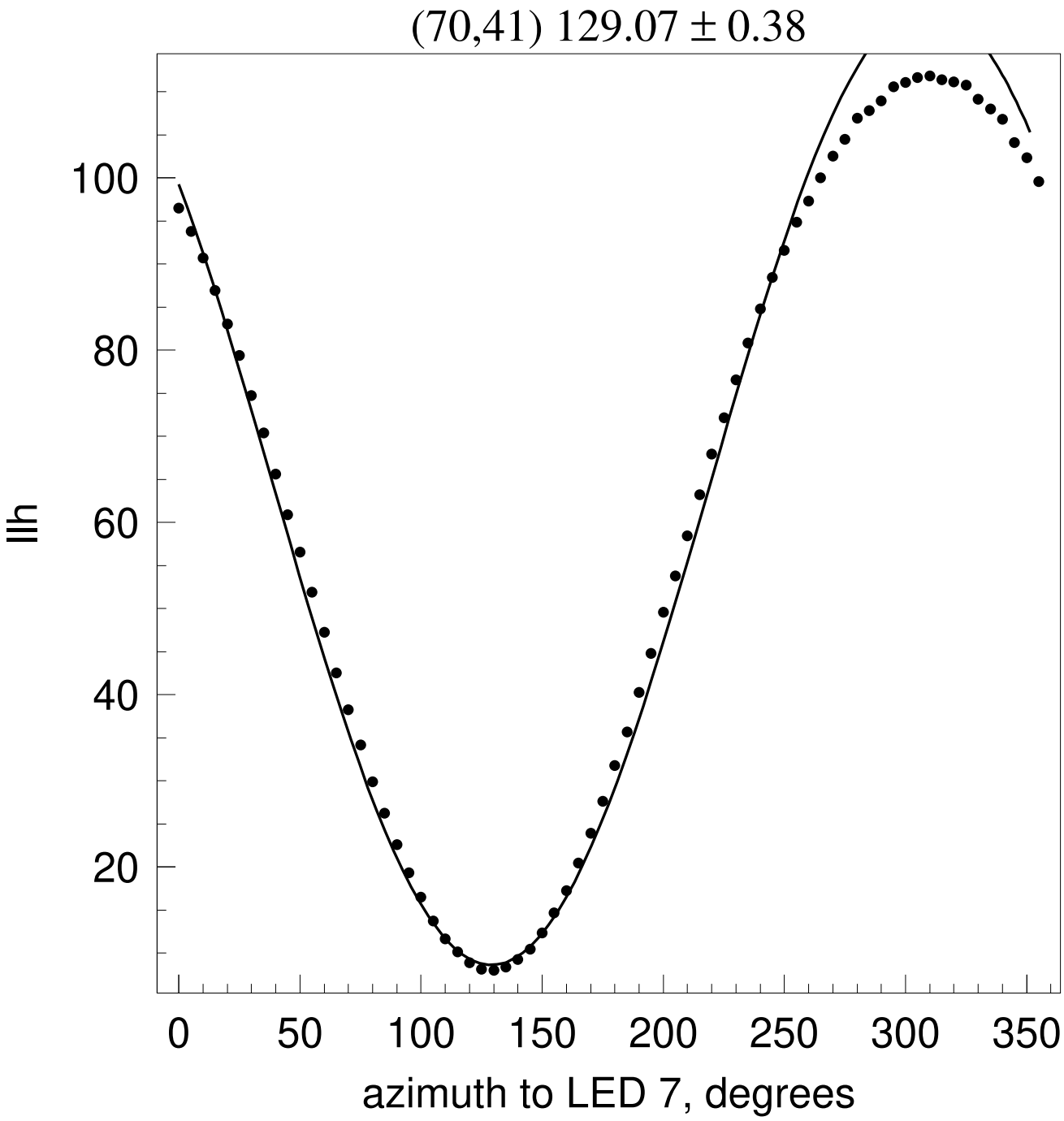

(70,36) 285.39 ± 15.59
40.25
40
39.75
39.5
39.25
39
38.75
38.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

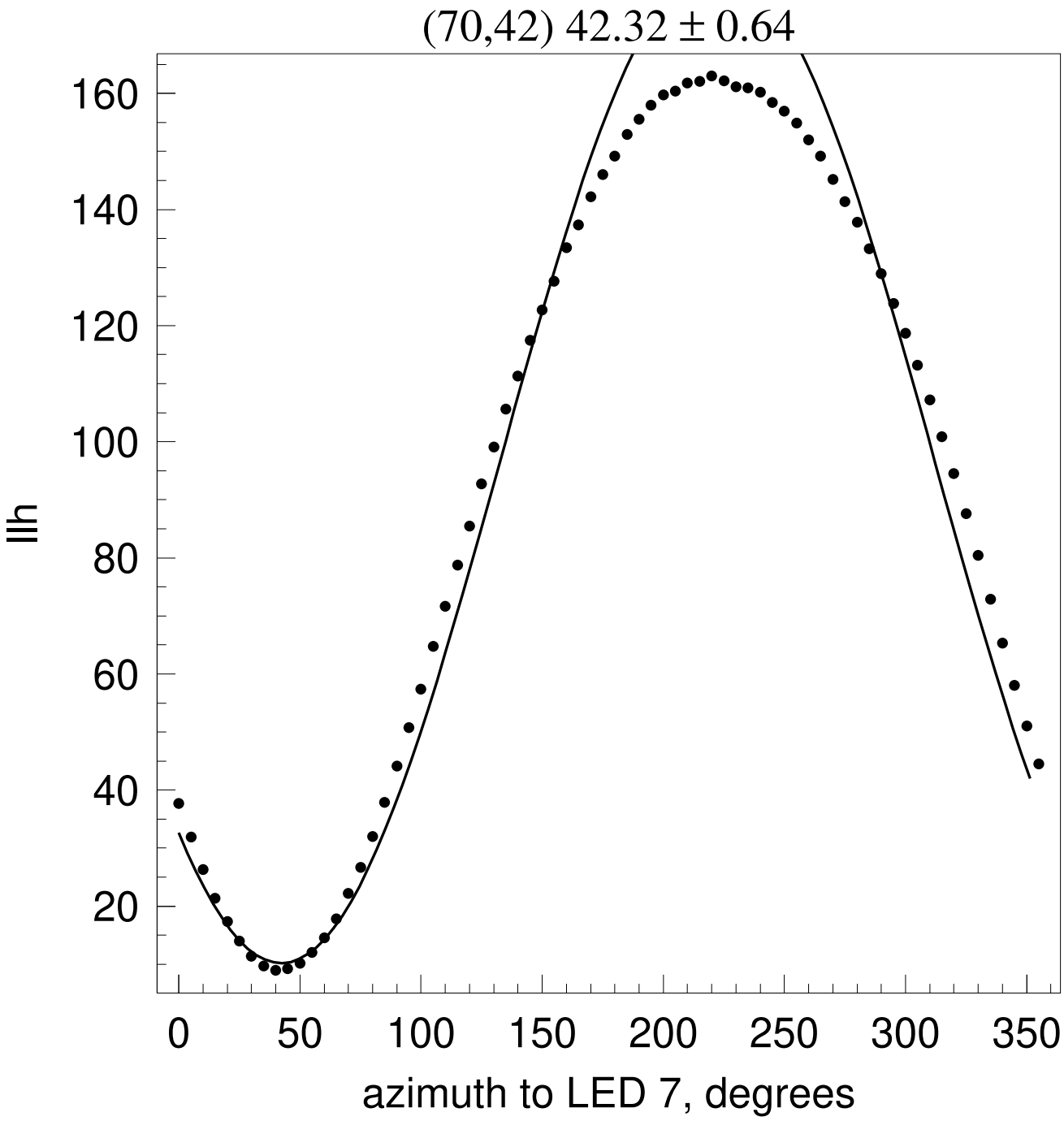

(70,37) 255.57 ± 0.62
llh
28
27
26
25
24
23
22
21
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

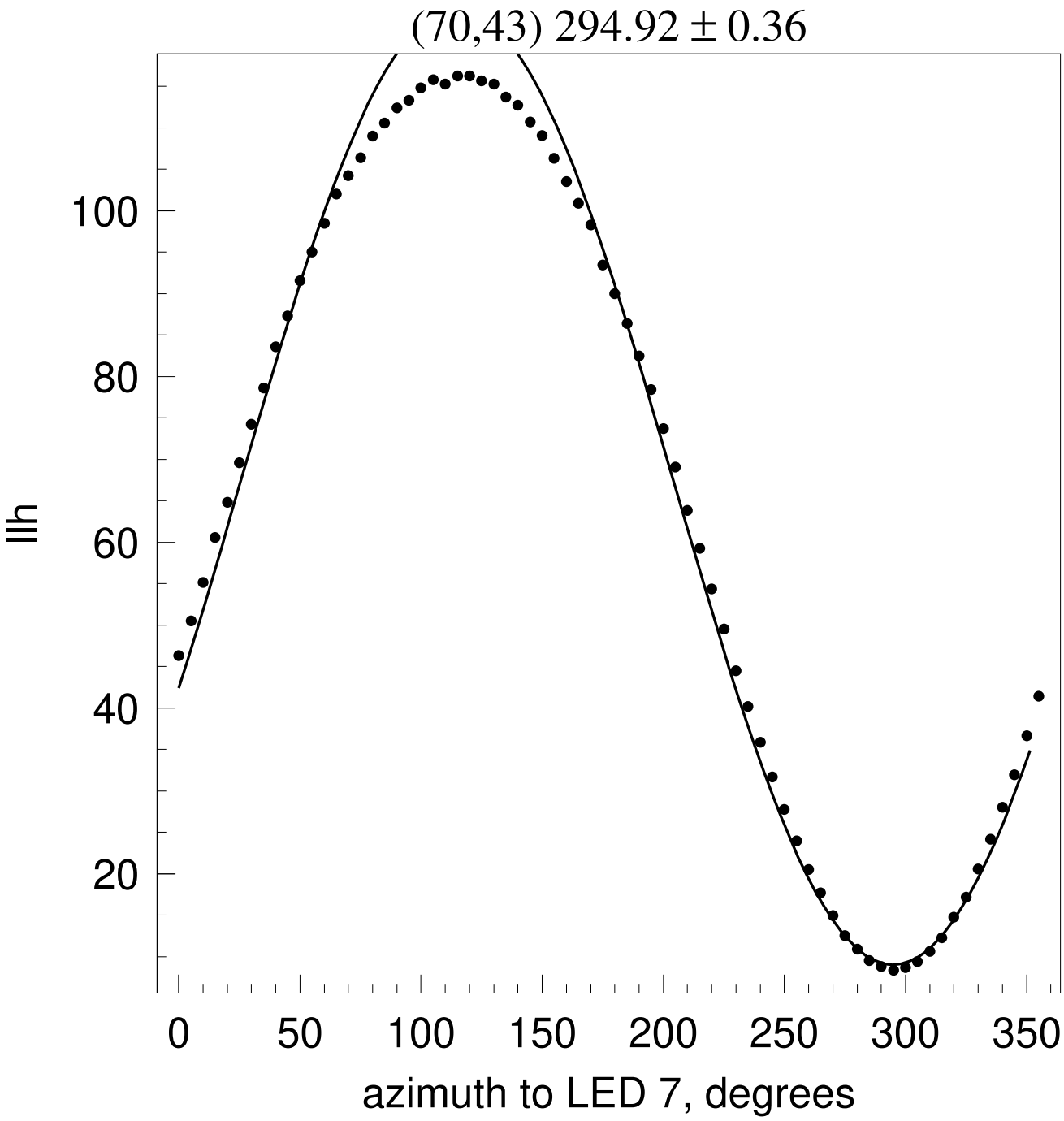

(70,38) 141.72 ± 0.18
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

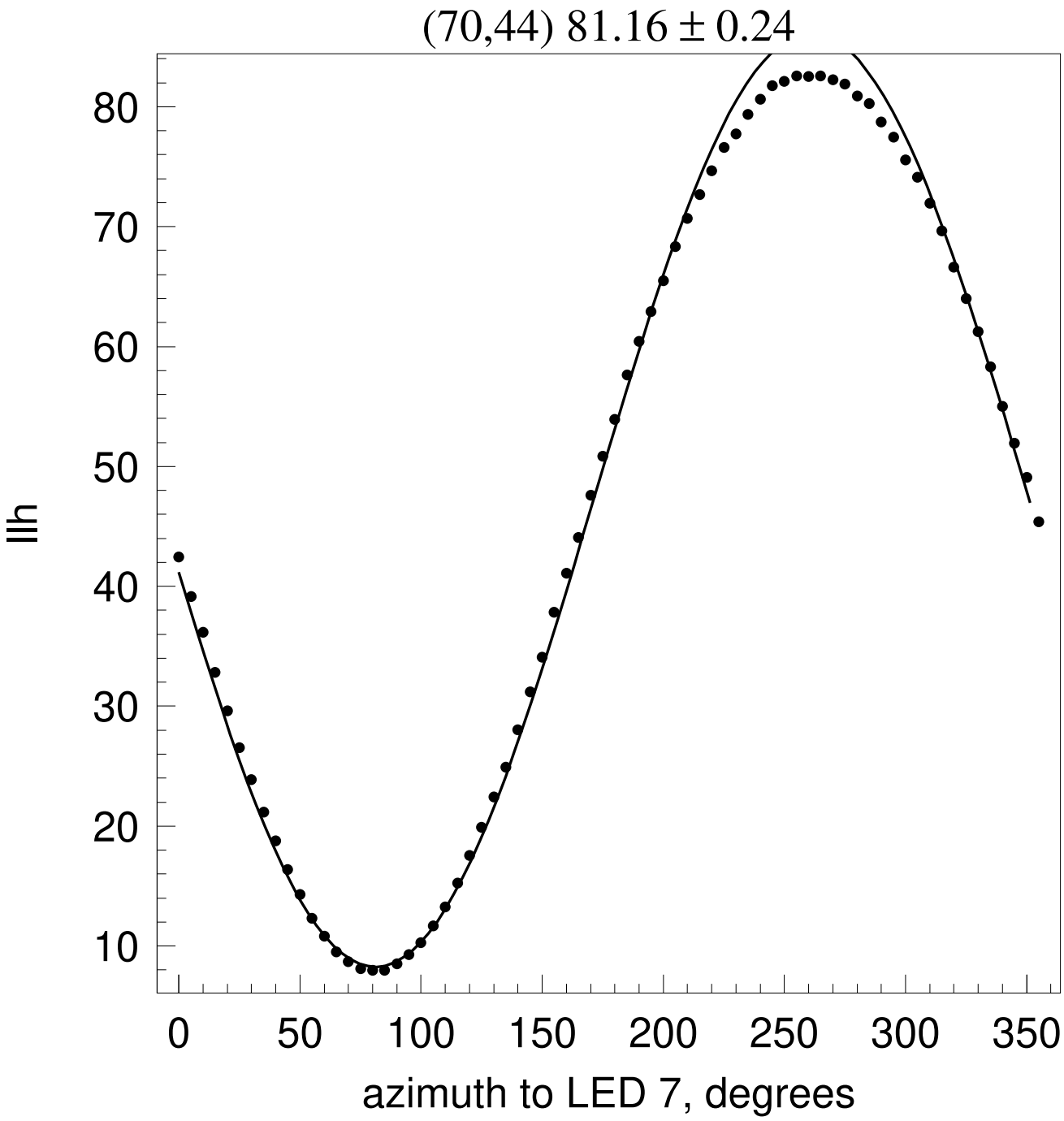

(70,39) 49.04 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

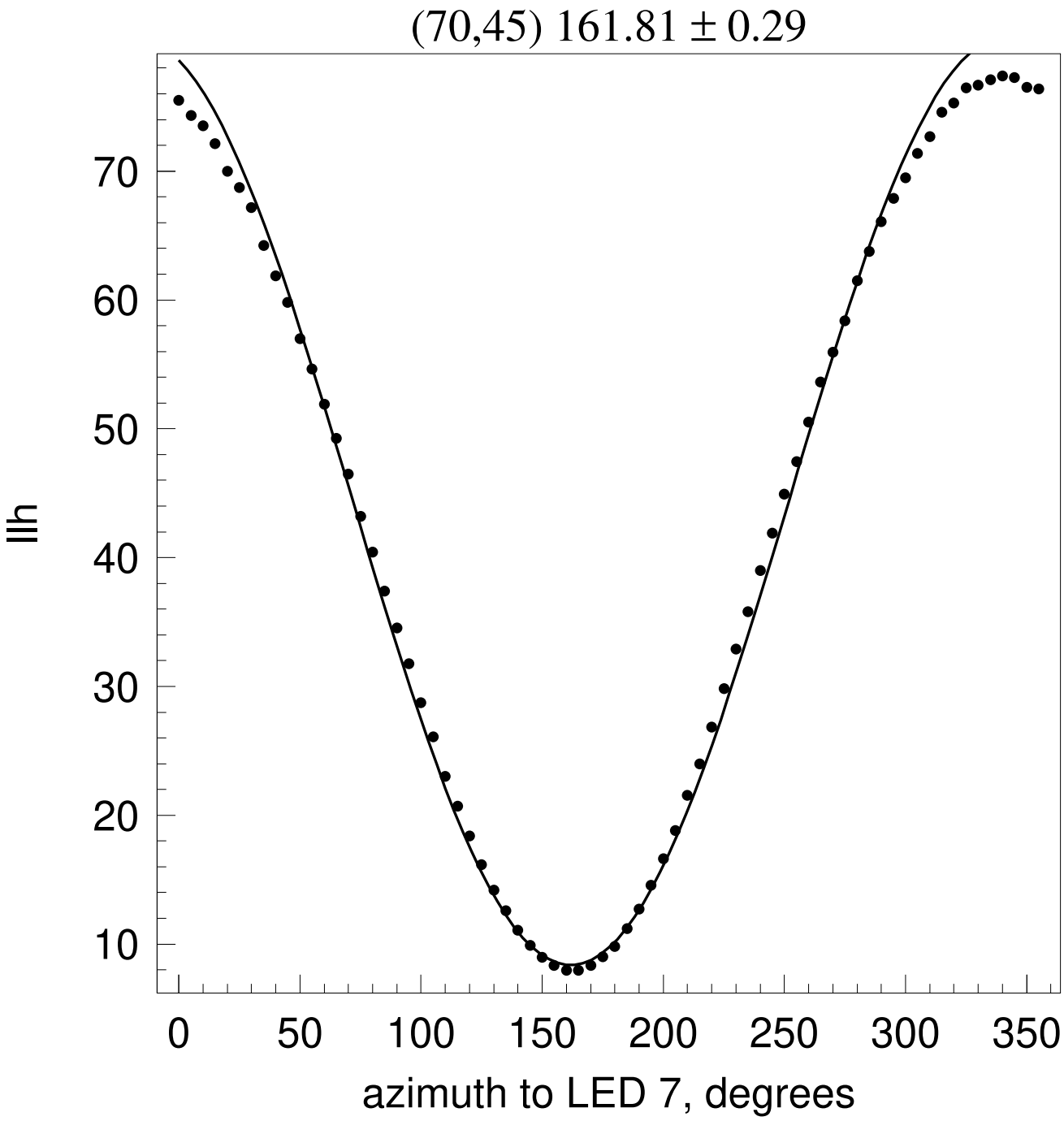

(70,40) 293.82 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

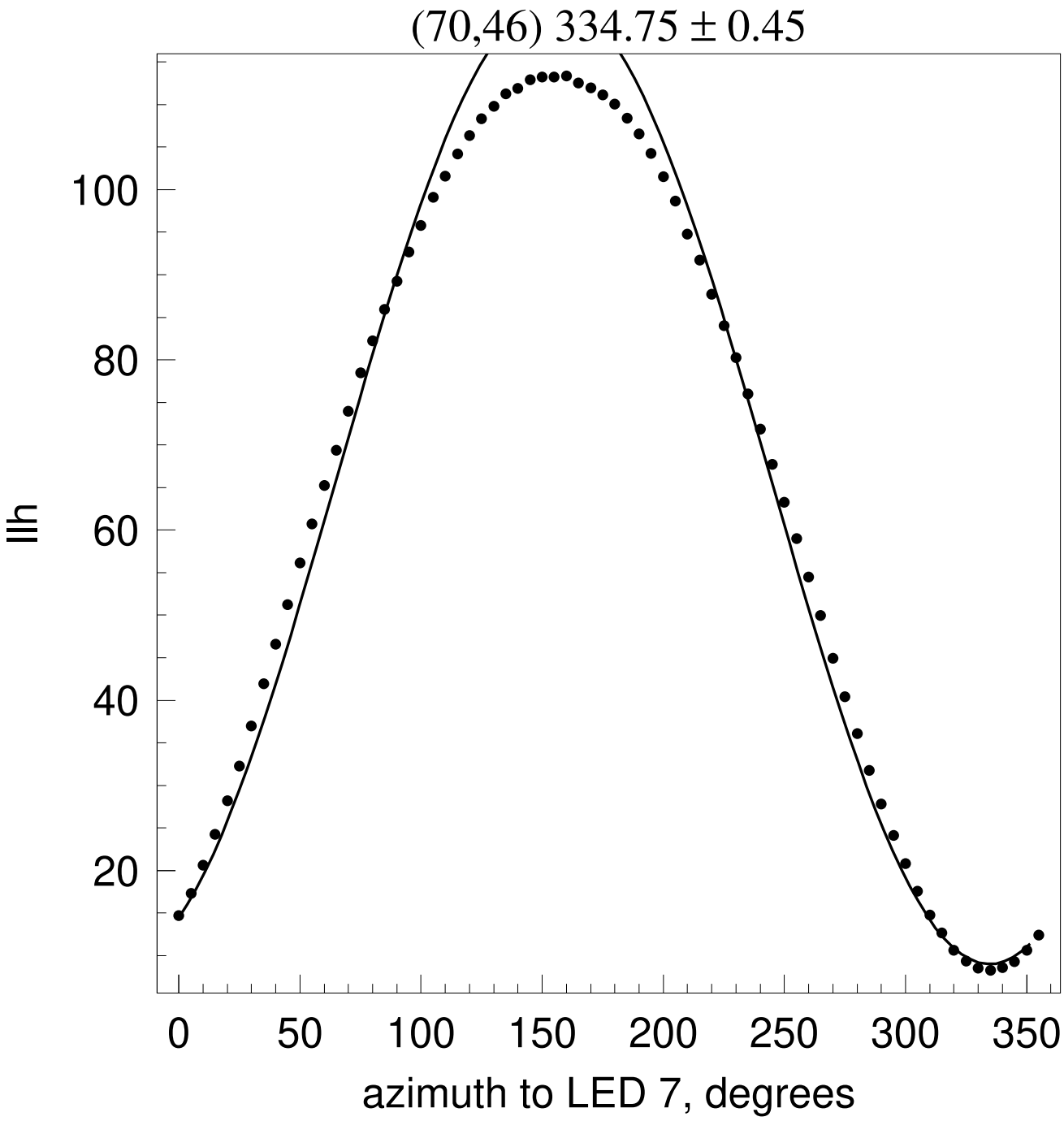

(70,41) 129.07 ± 0.38
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

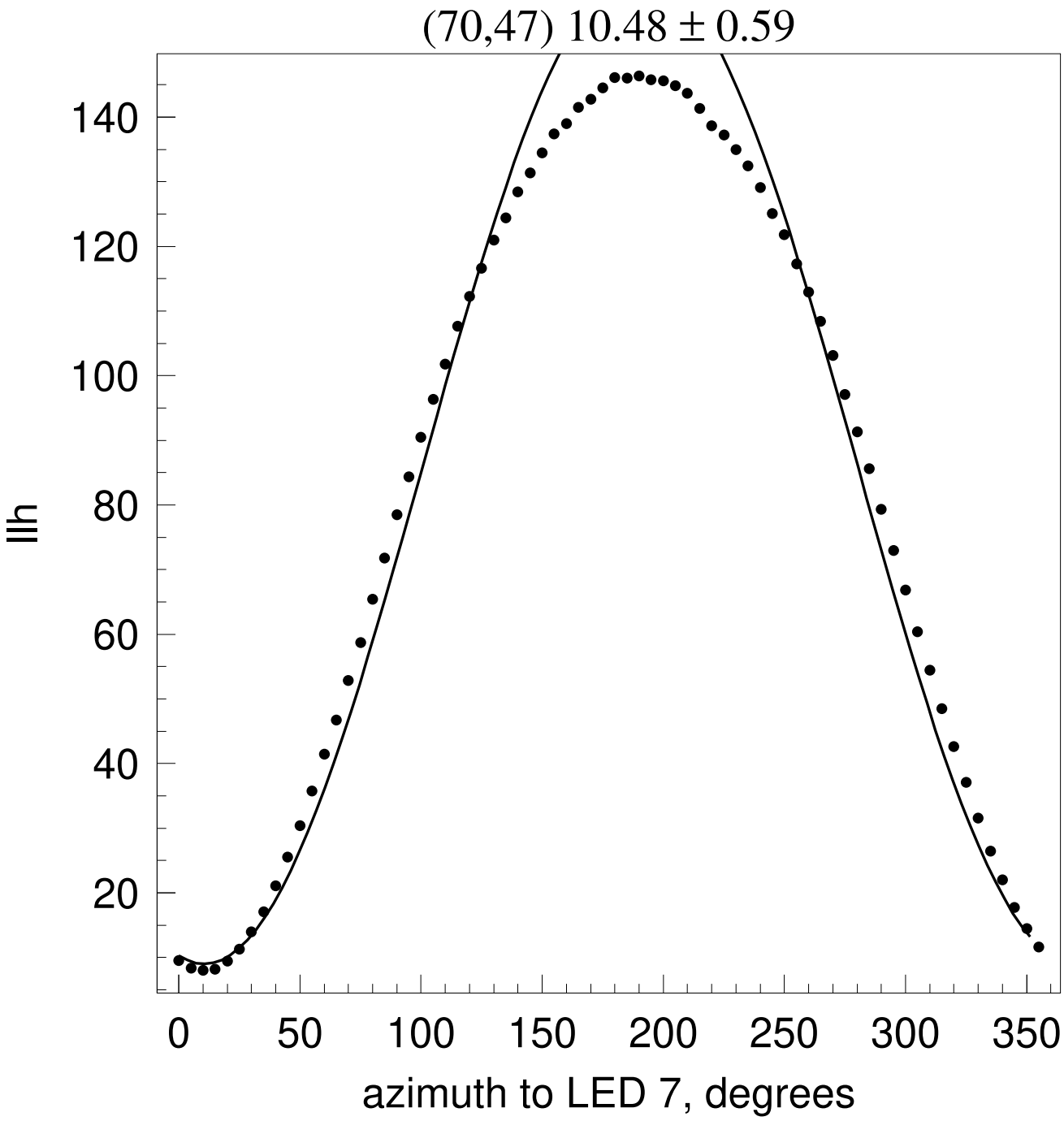

(70,42) 42.32 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

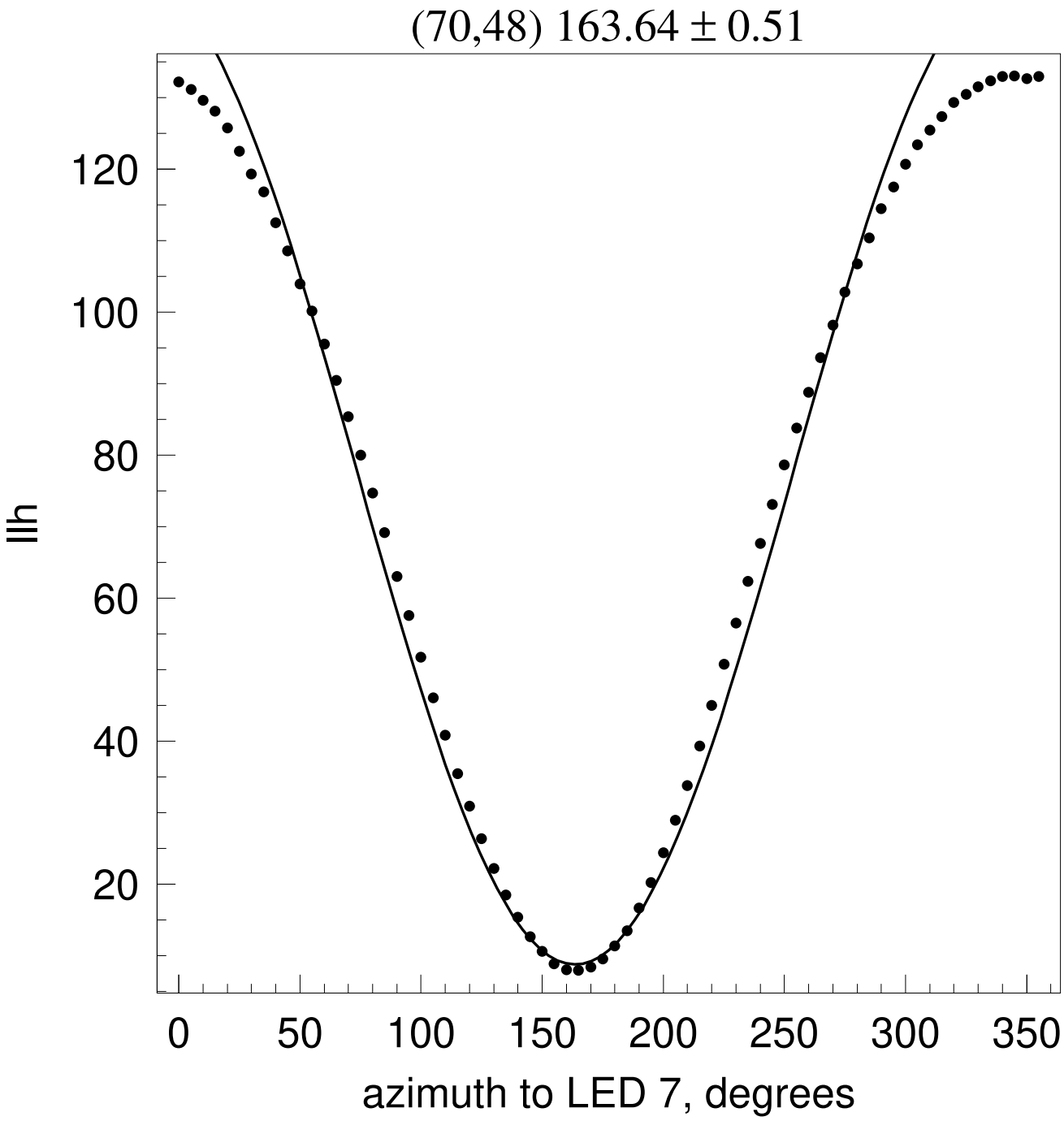

(70,43) 294.92 ± 0.36
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

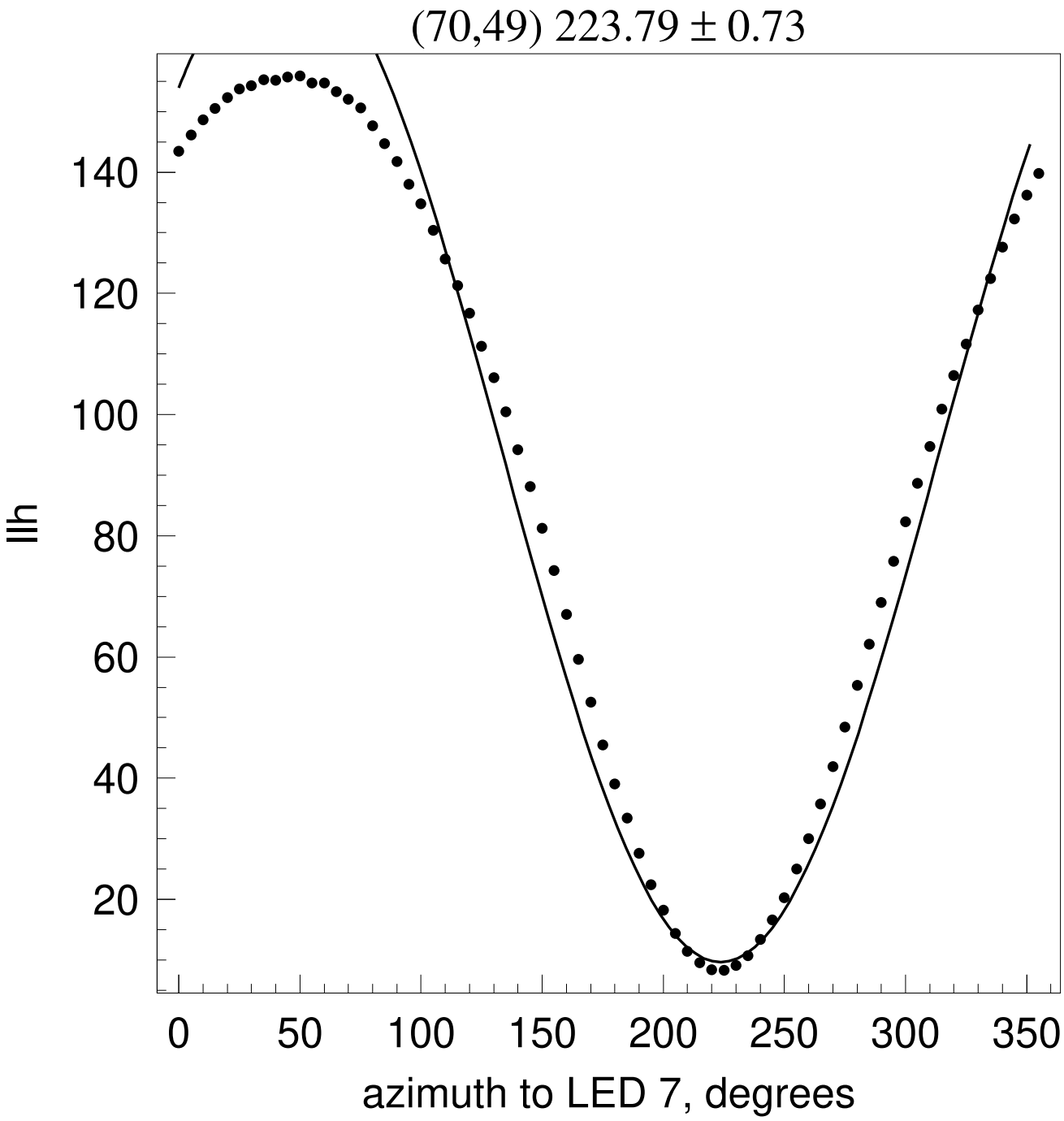

(70,44) 81.16 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

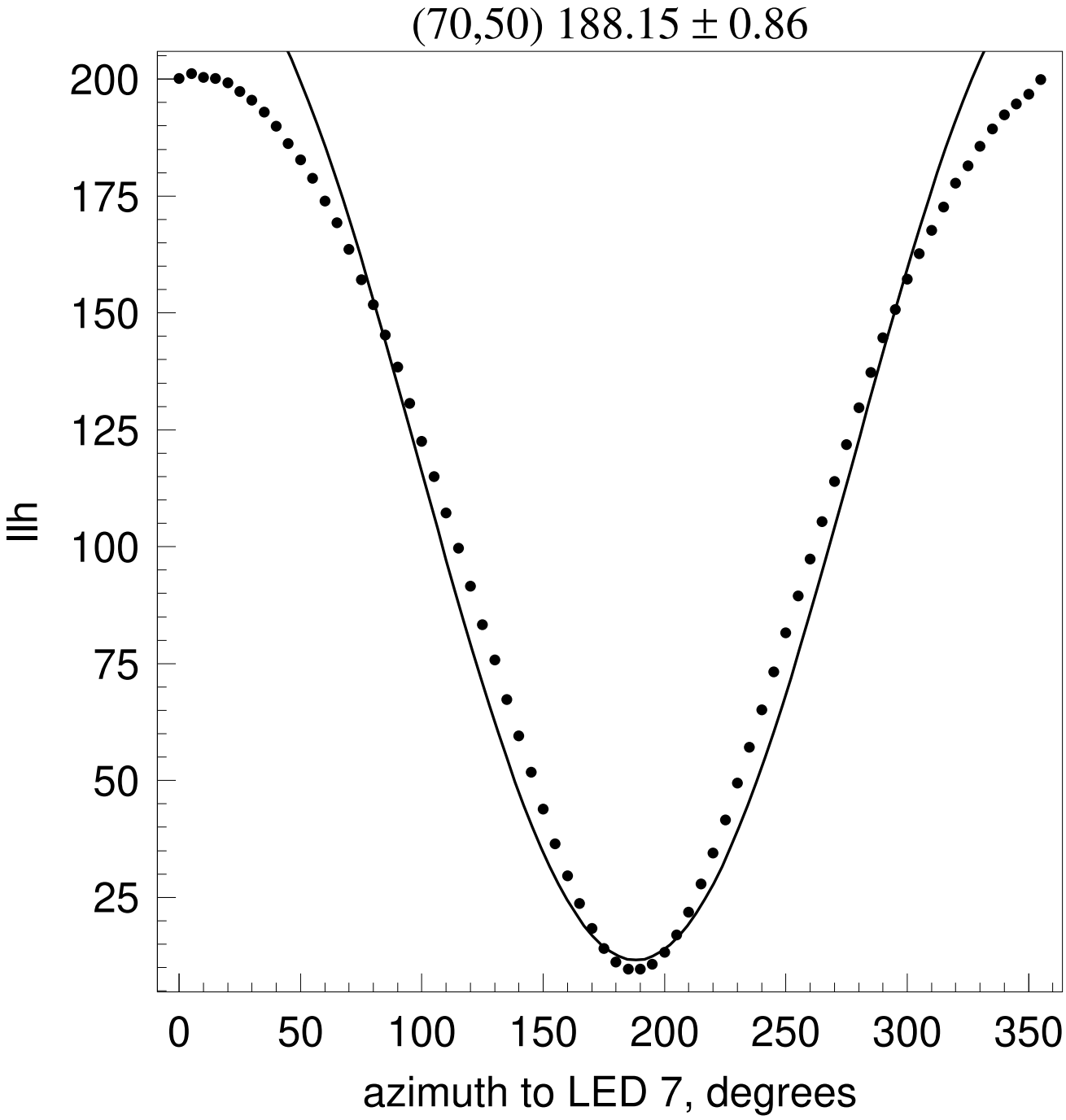

(70,45) 161.81 ± 0.29
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

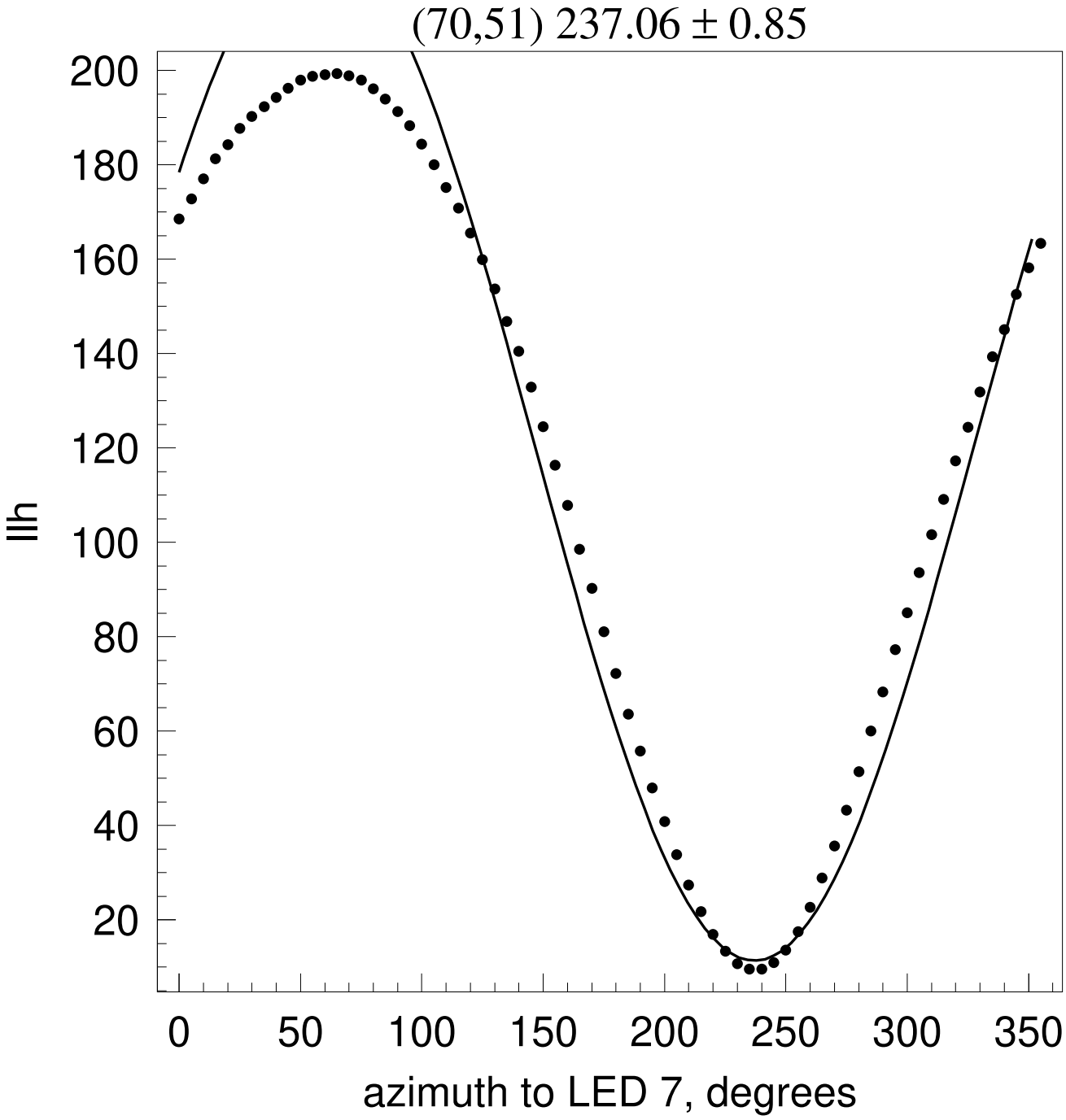

(70,46) 334.75 ± 0.45
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

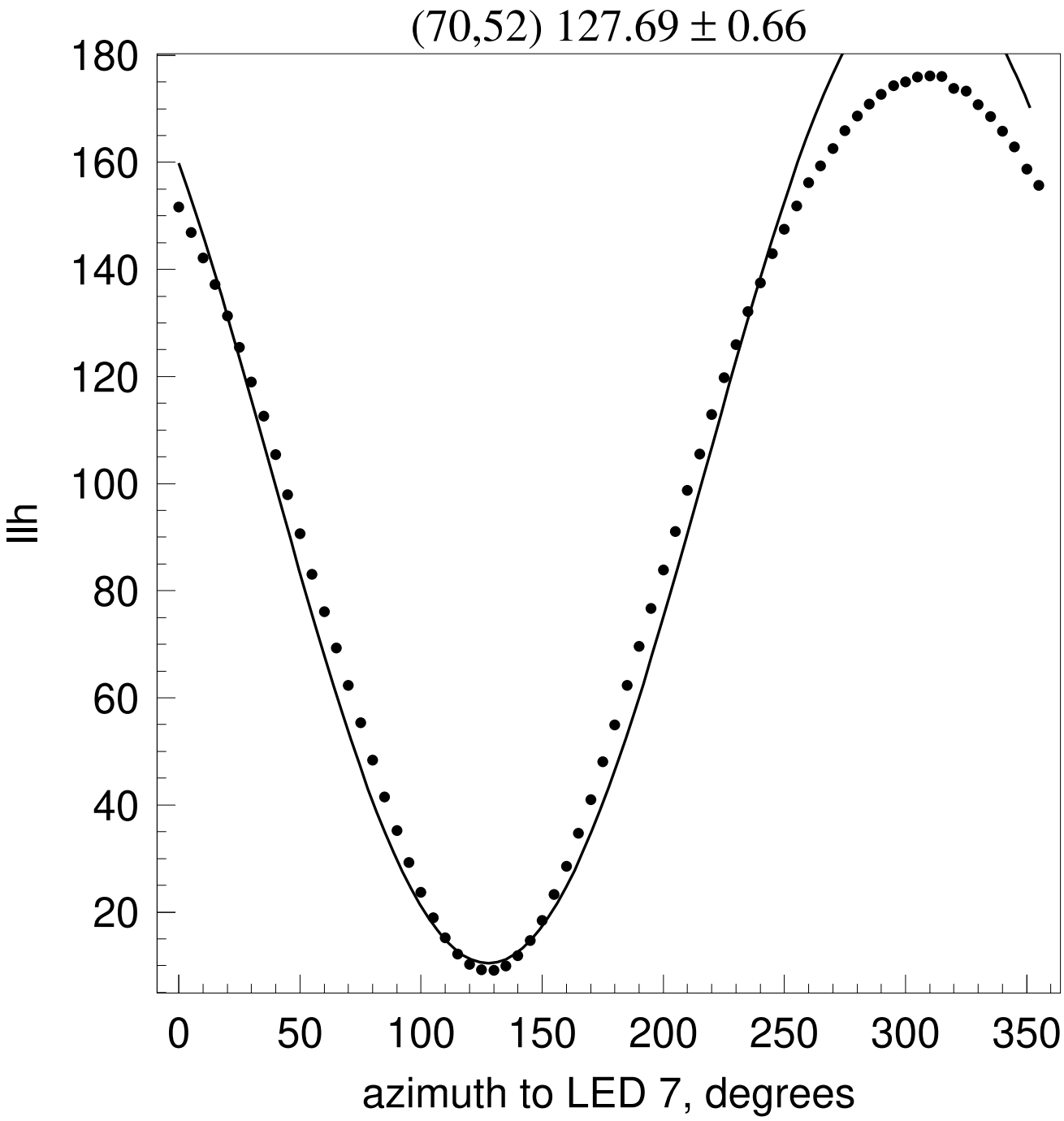

(70,47) 10.48 ± 0.59
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

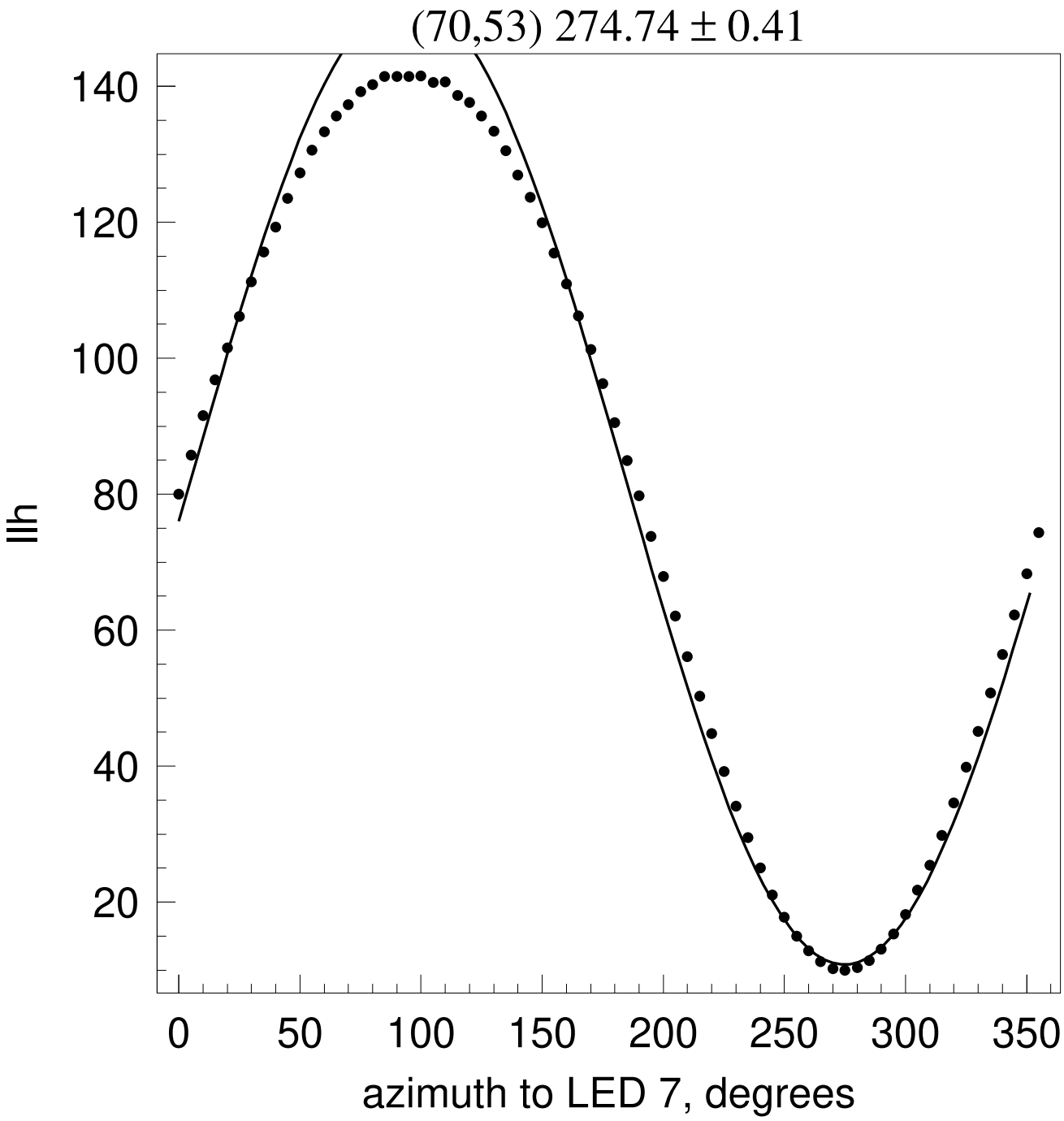

(70,48) 163.64 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

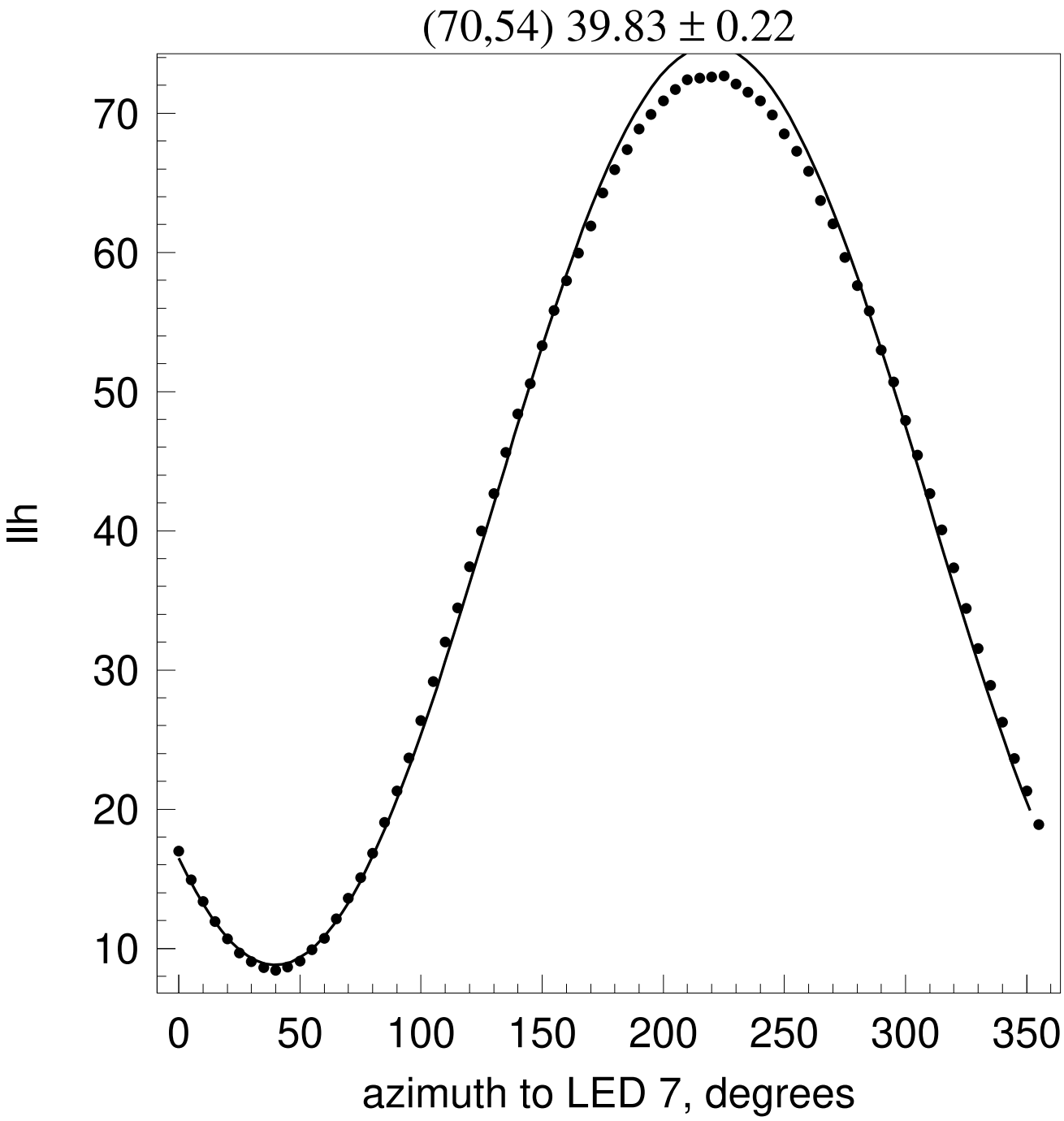

(70,49) 223.79 ± 0.73
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

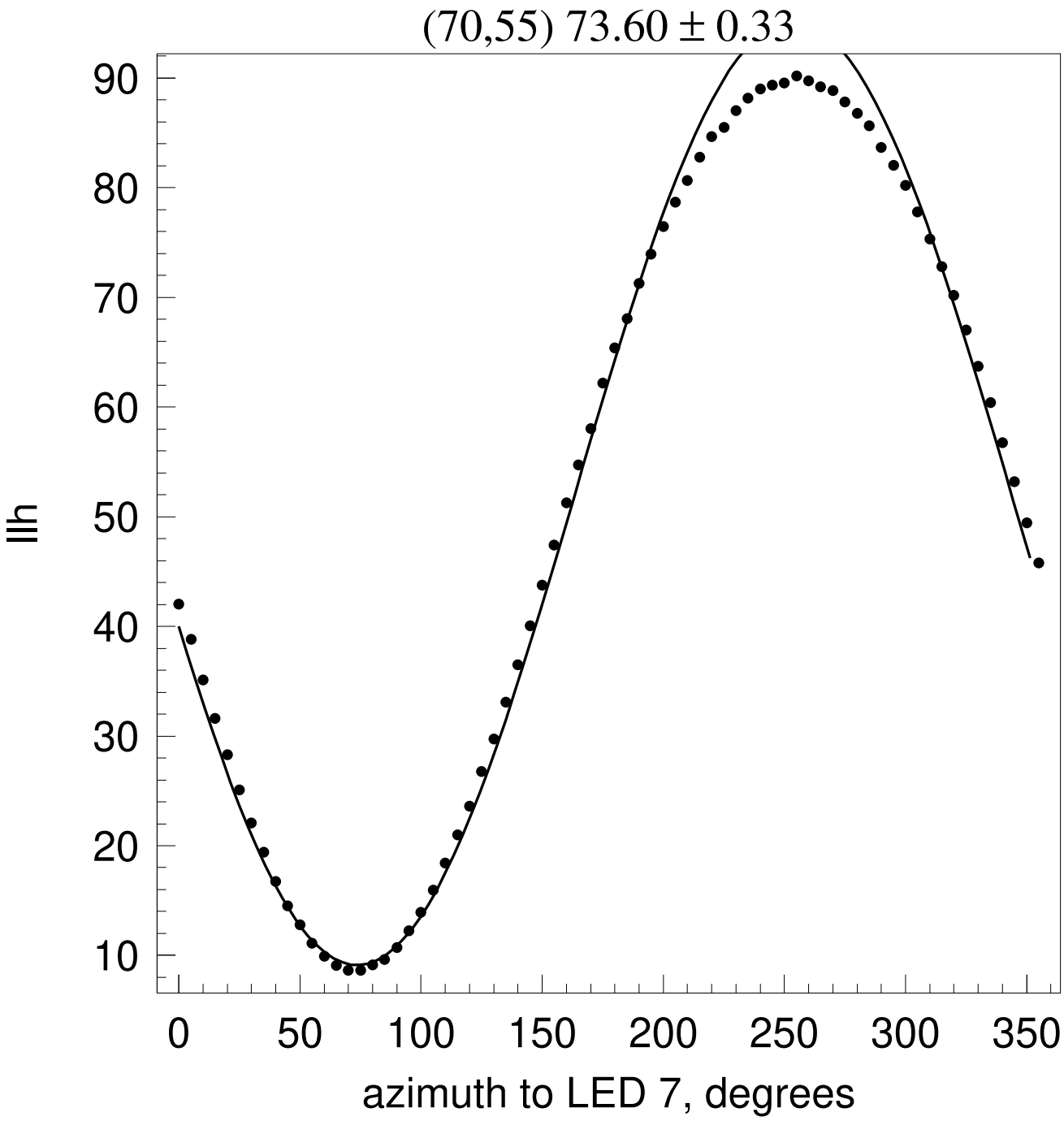

(70,50) 188.15 ± 0.86
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

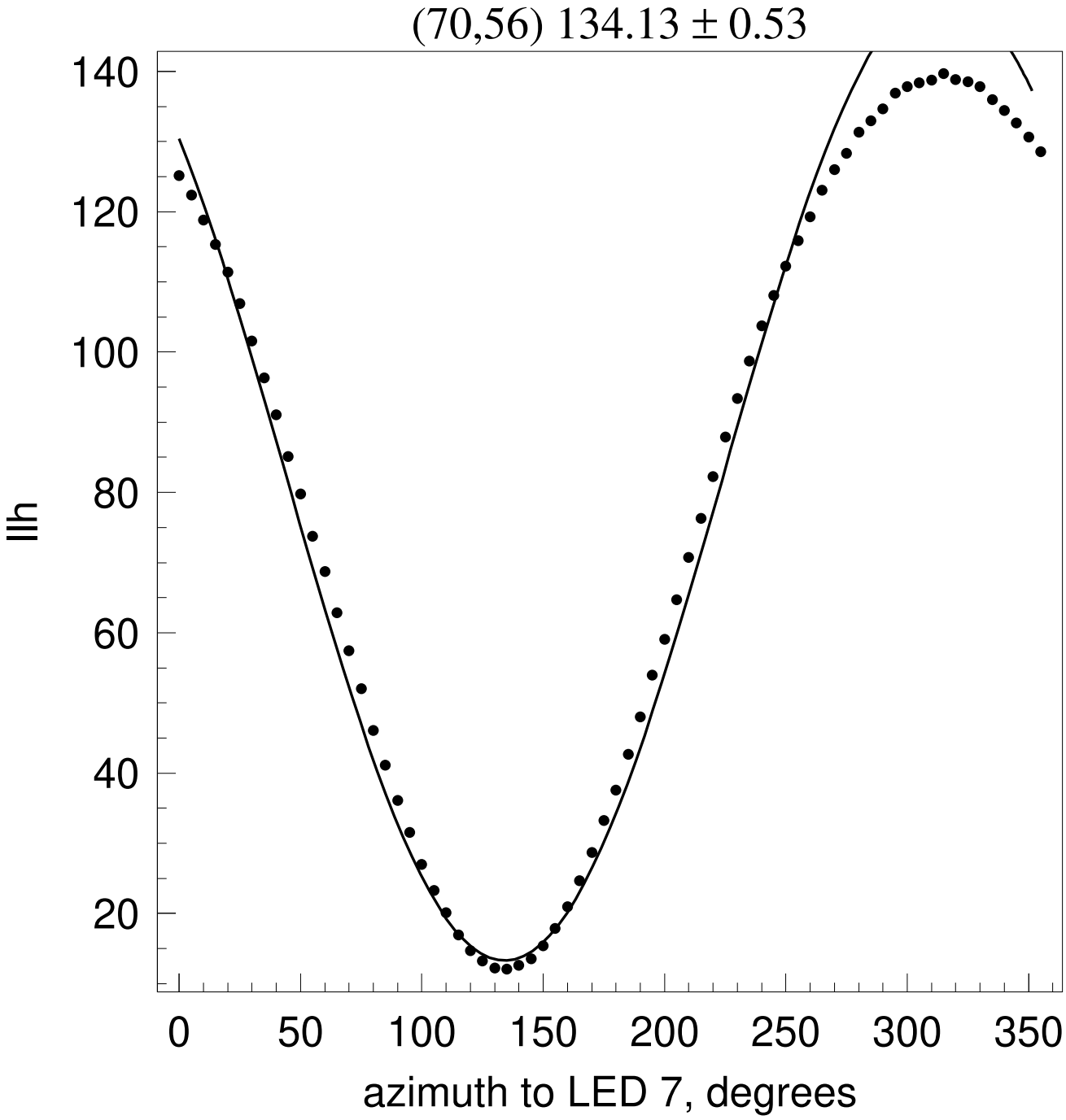

(70,51) 237.06 ± 0.85
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

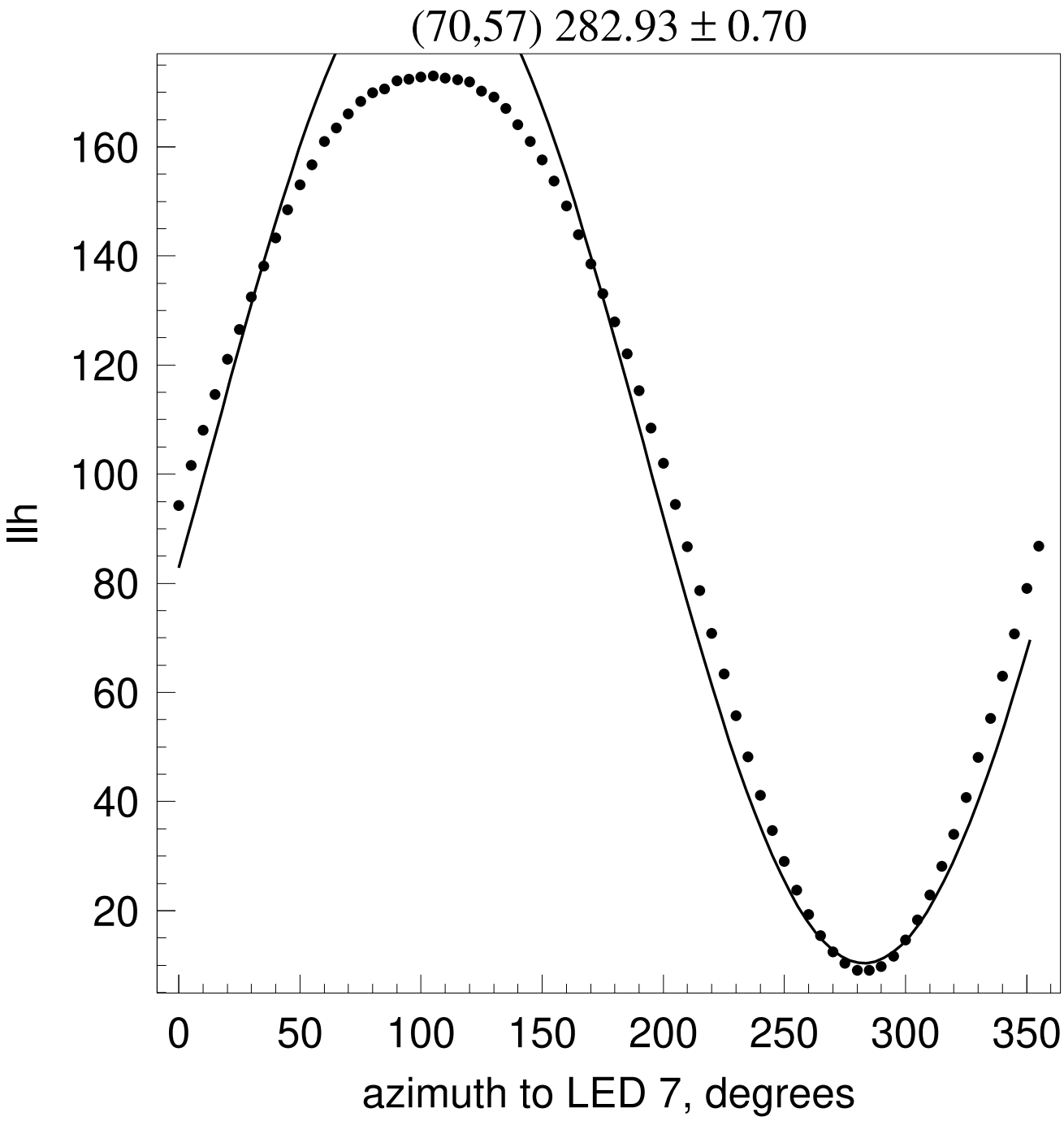

(70,52) 127.69 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

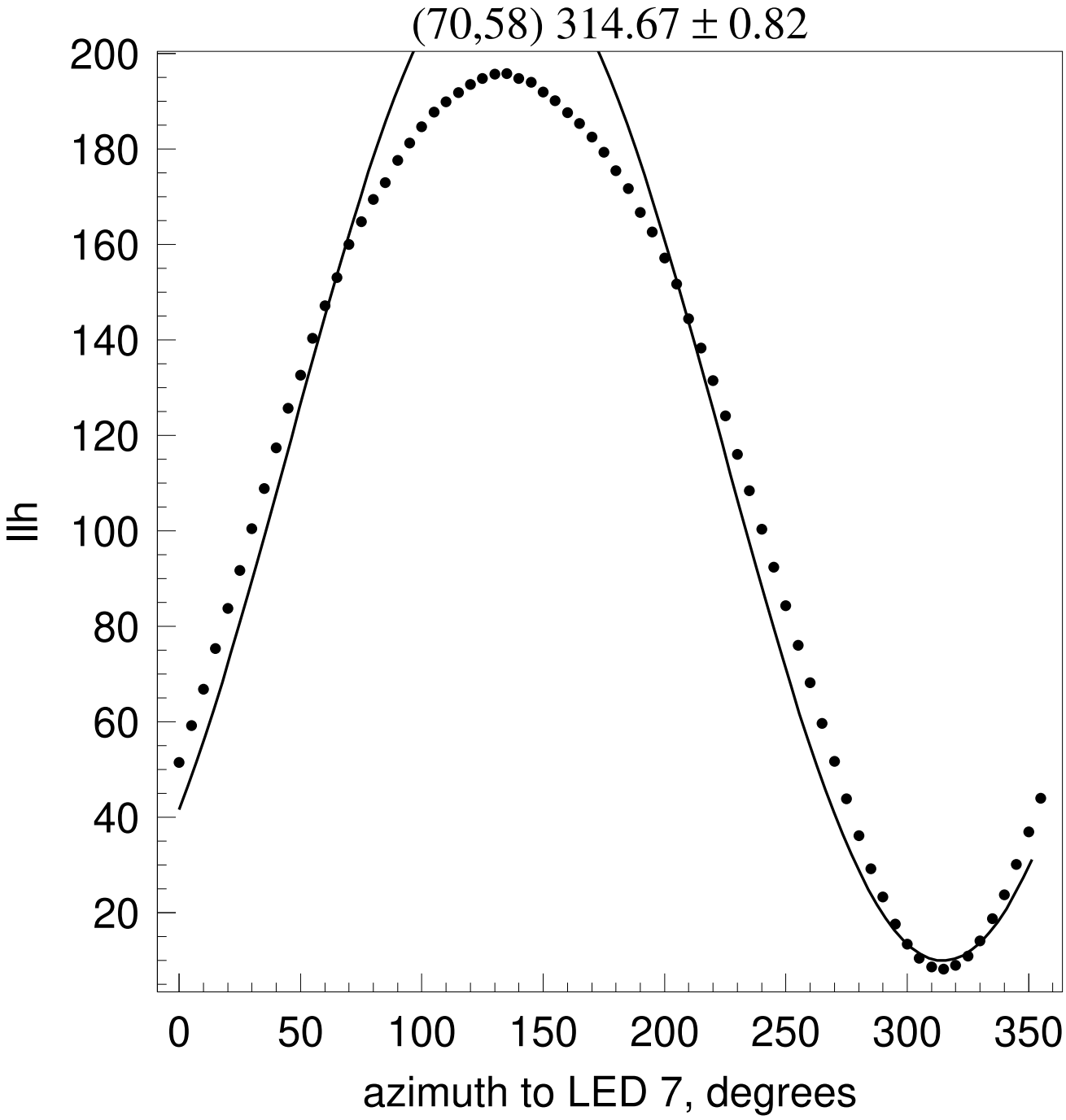

(70,53) 274.74 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

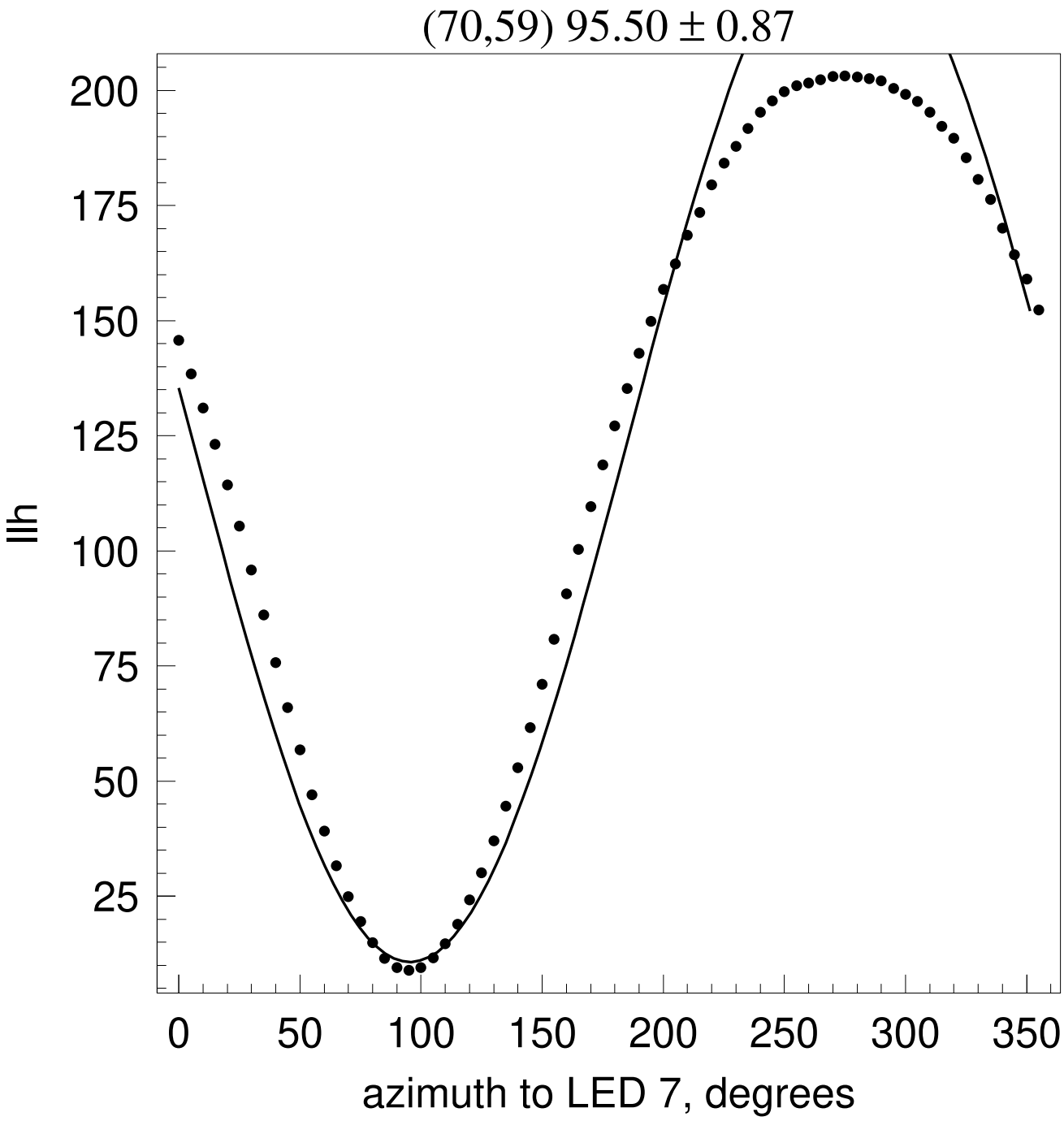

(70,54) 39.83 ± 0.22
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

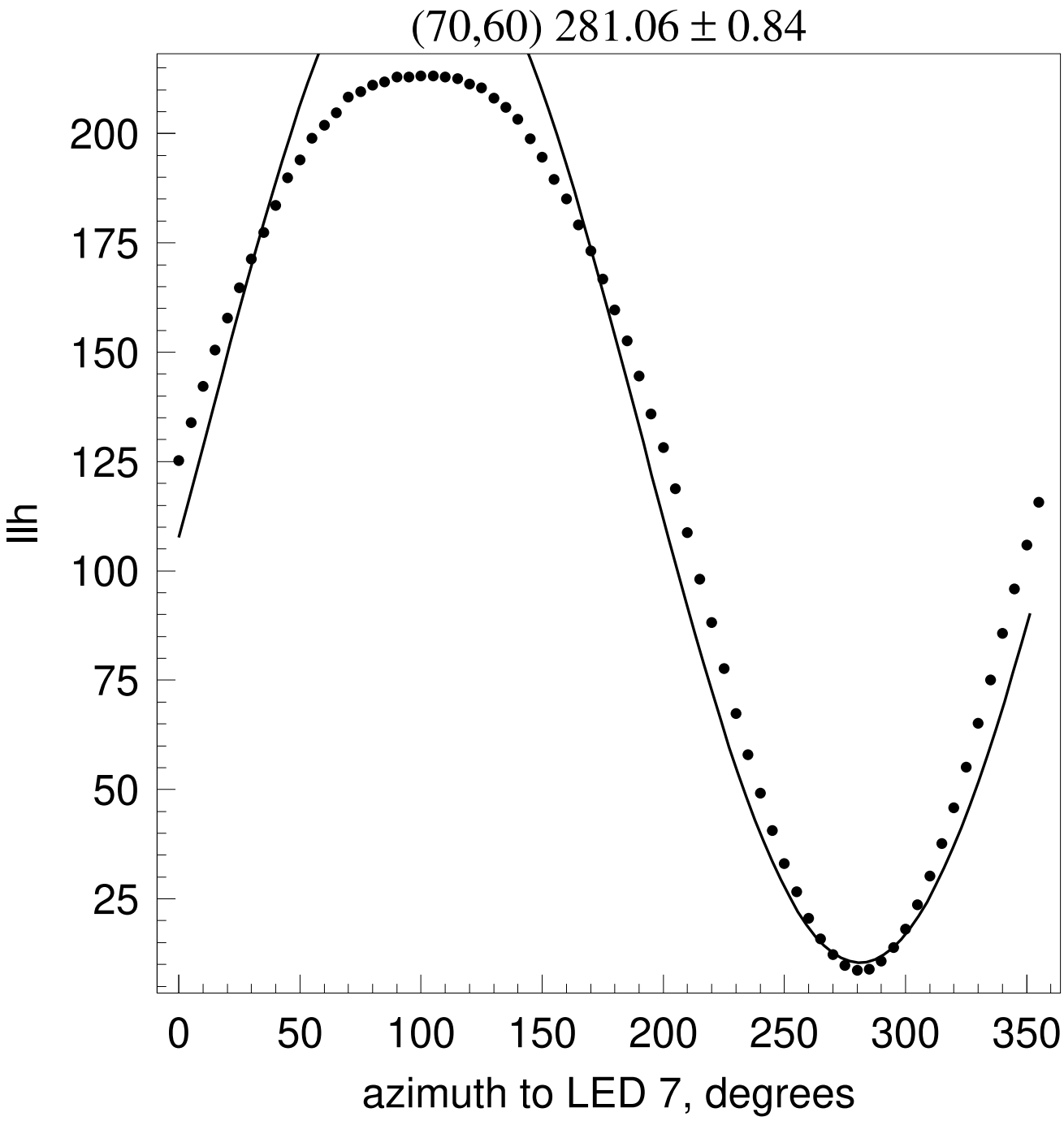

(70,55) 73.60 ± 0.33
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

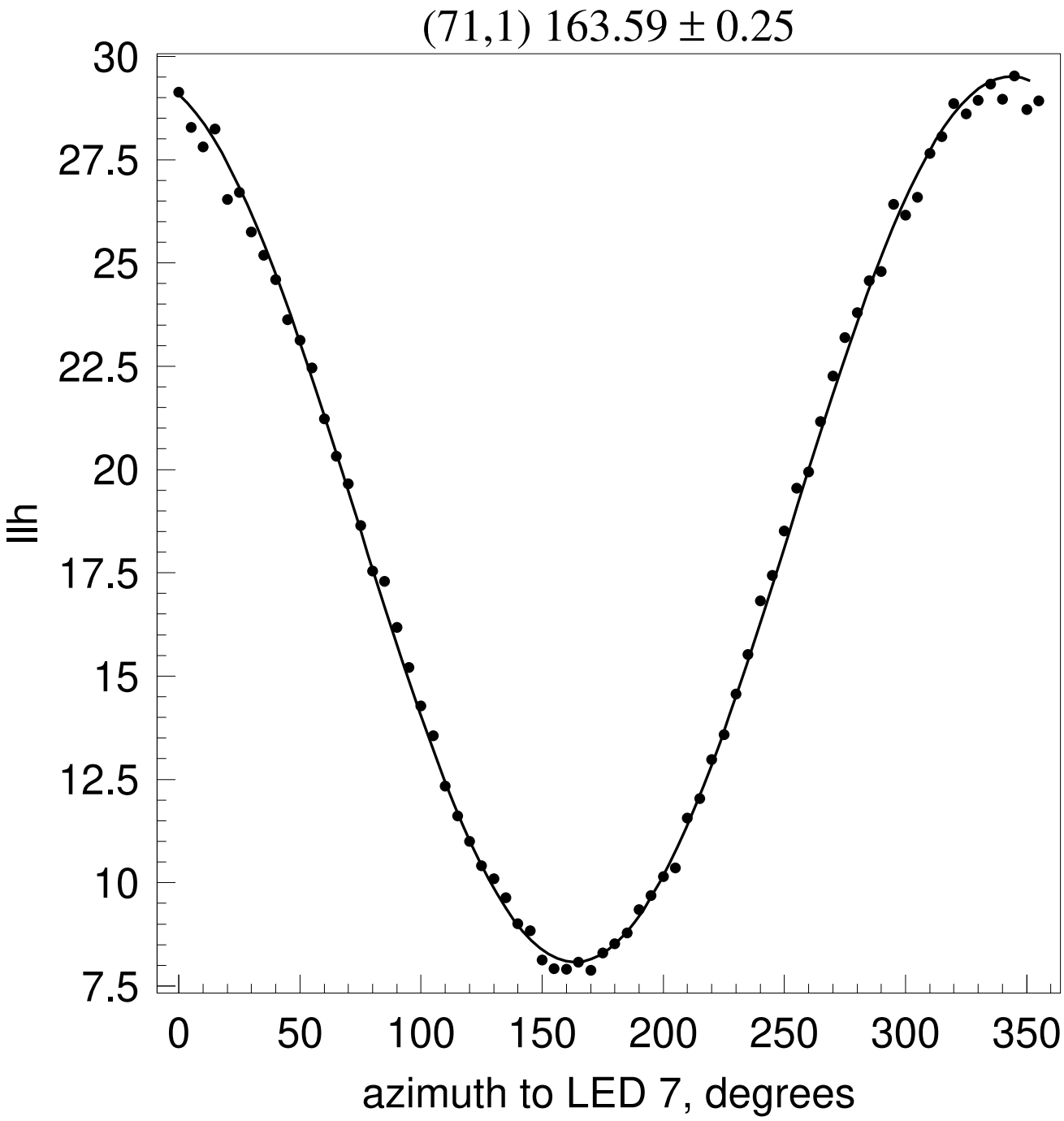

(70,56) 134.13 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

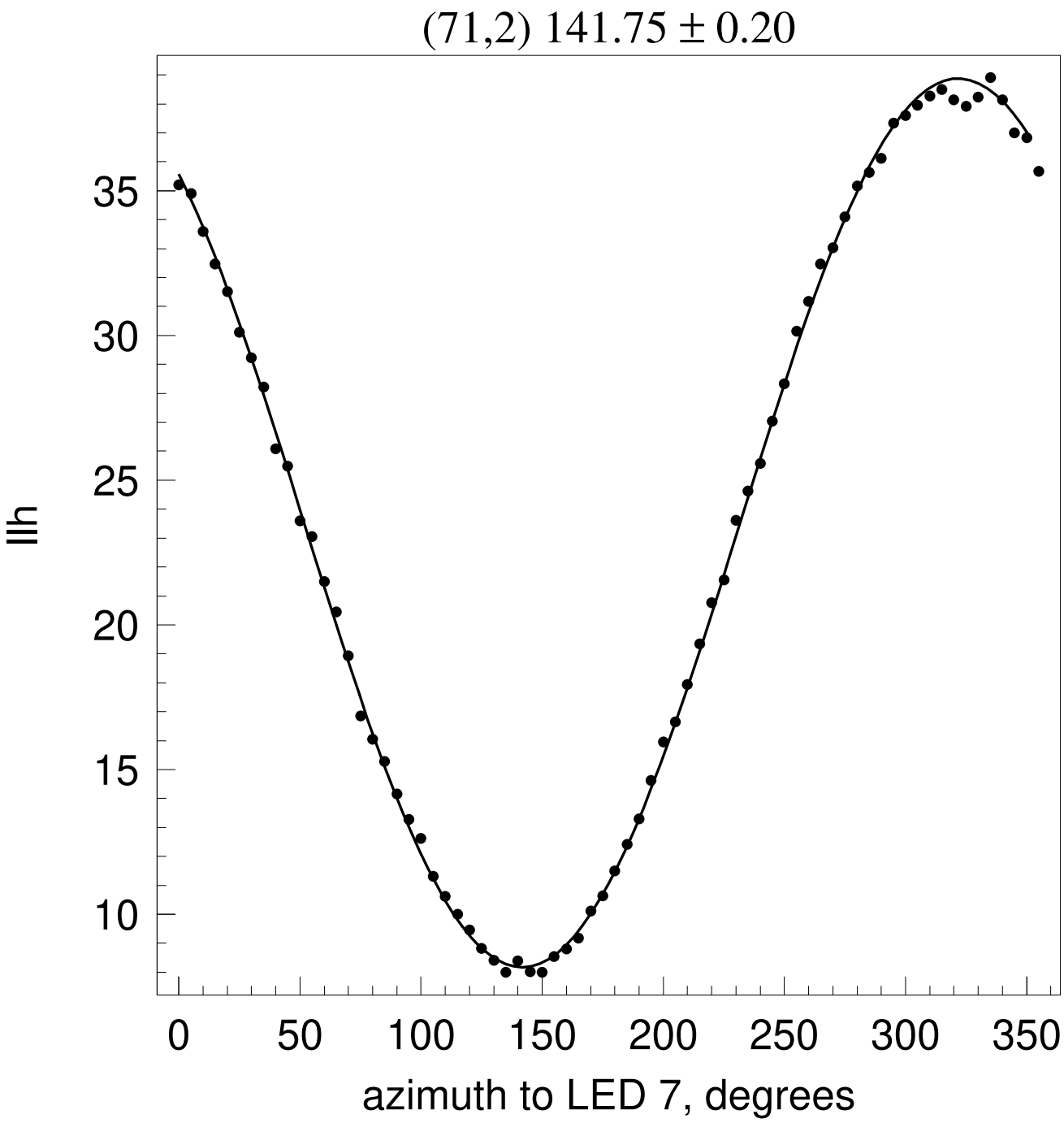

(70,57) 282.93 ± 0.70
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

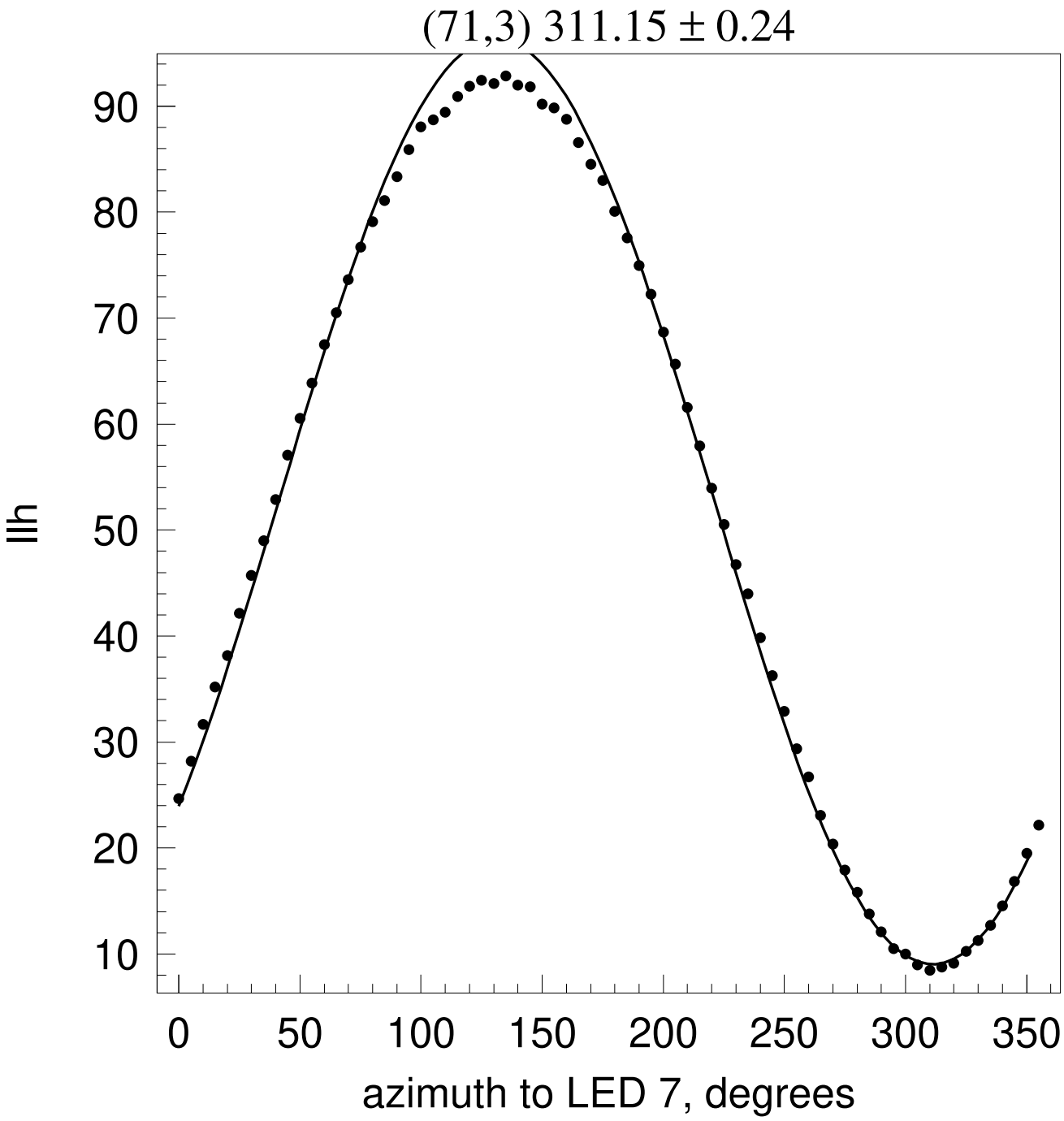

(70,58) 314.67 ± 0.82
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

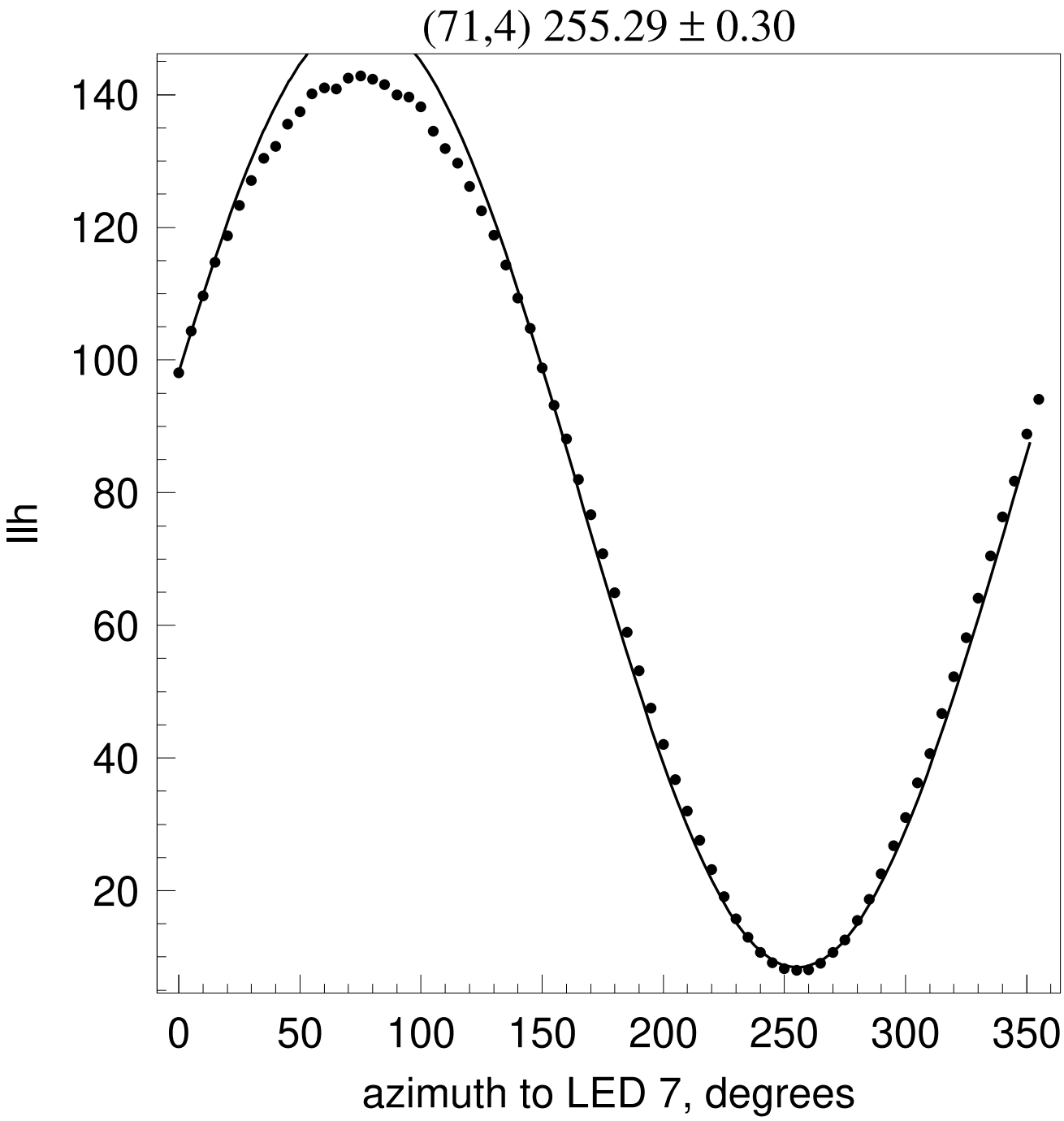

(70,59) 95.50 ± 0.87
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

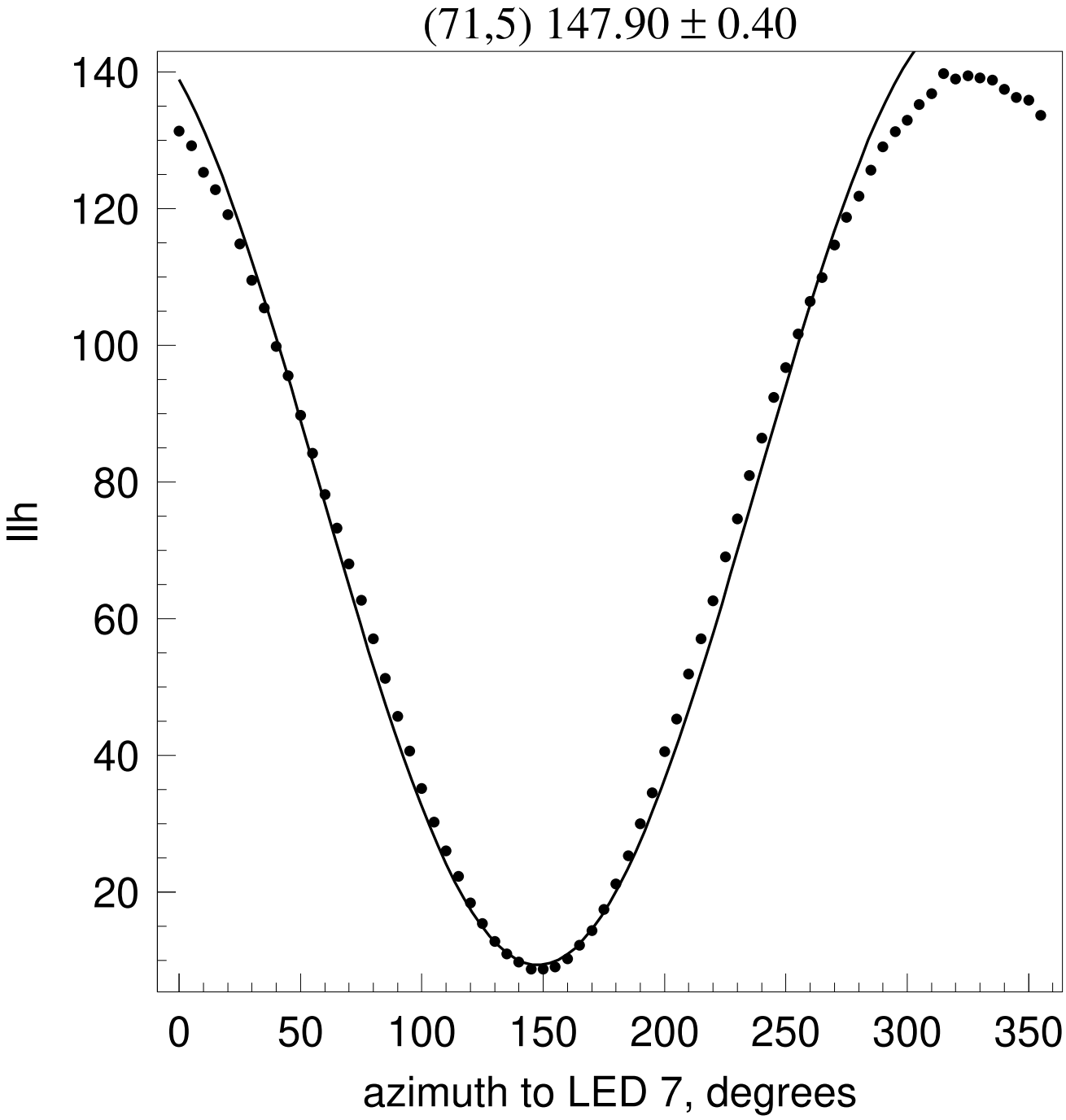

(70,60) 281.06 ± 0.84
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

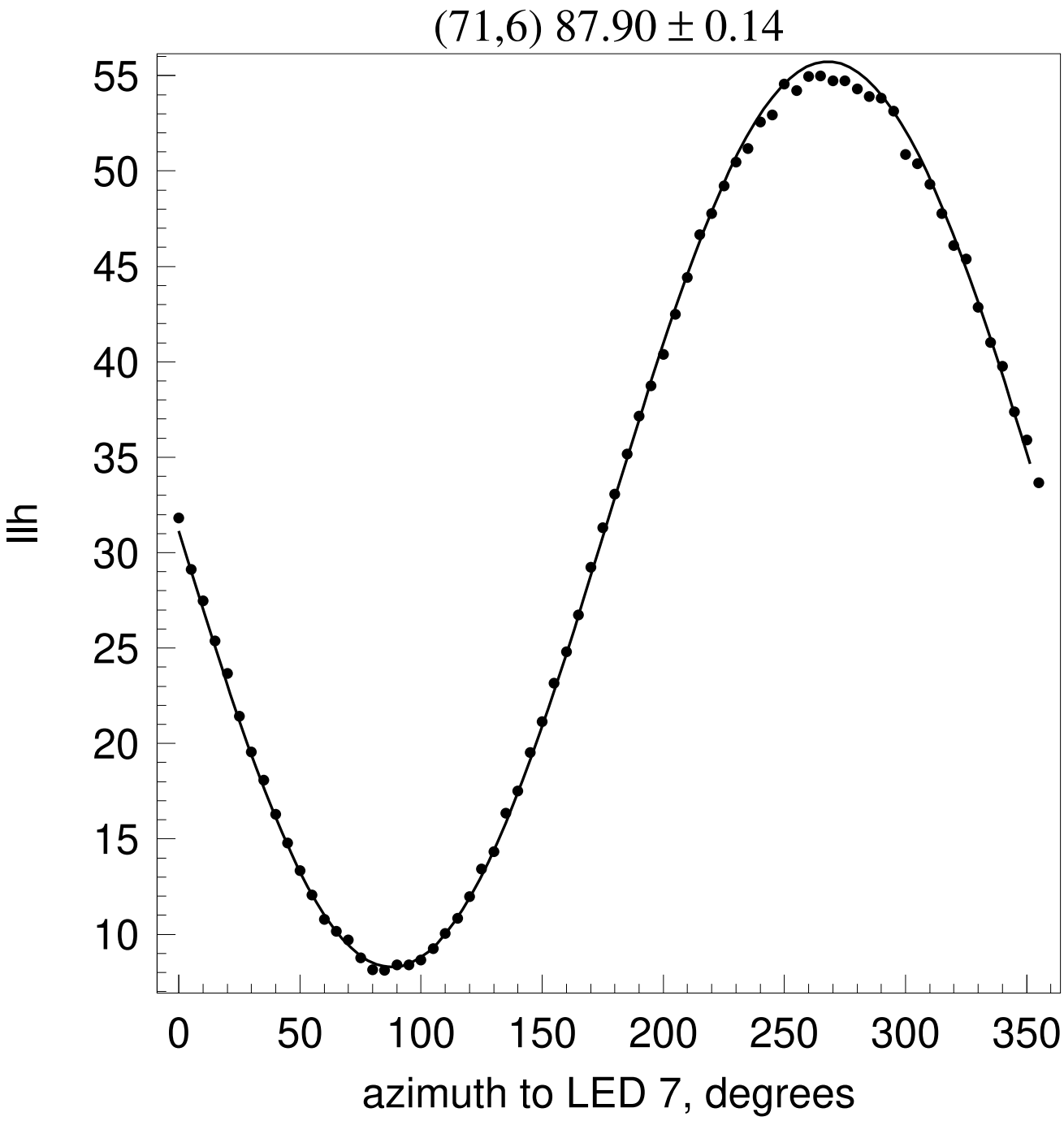

(71,1) 163.59 ± 0.25
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

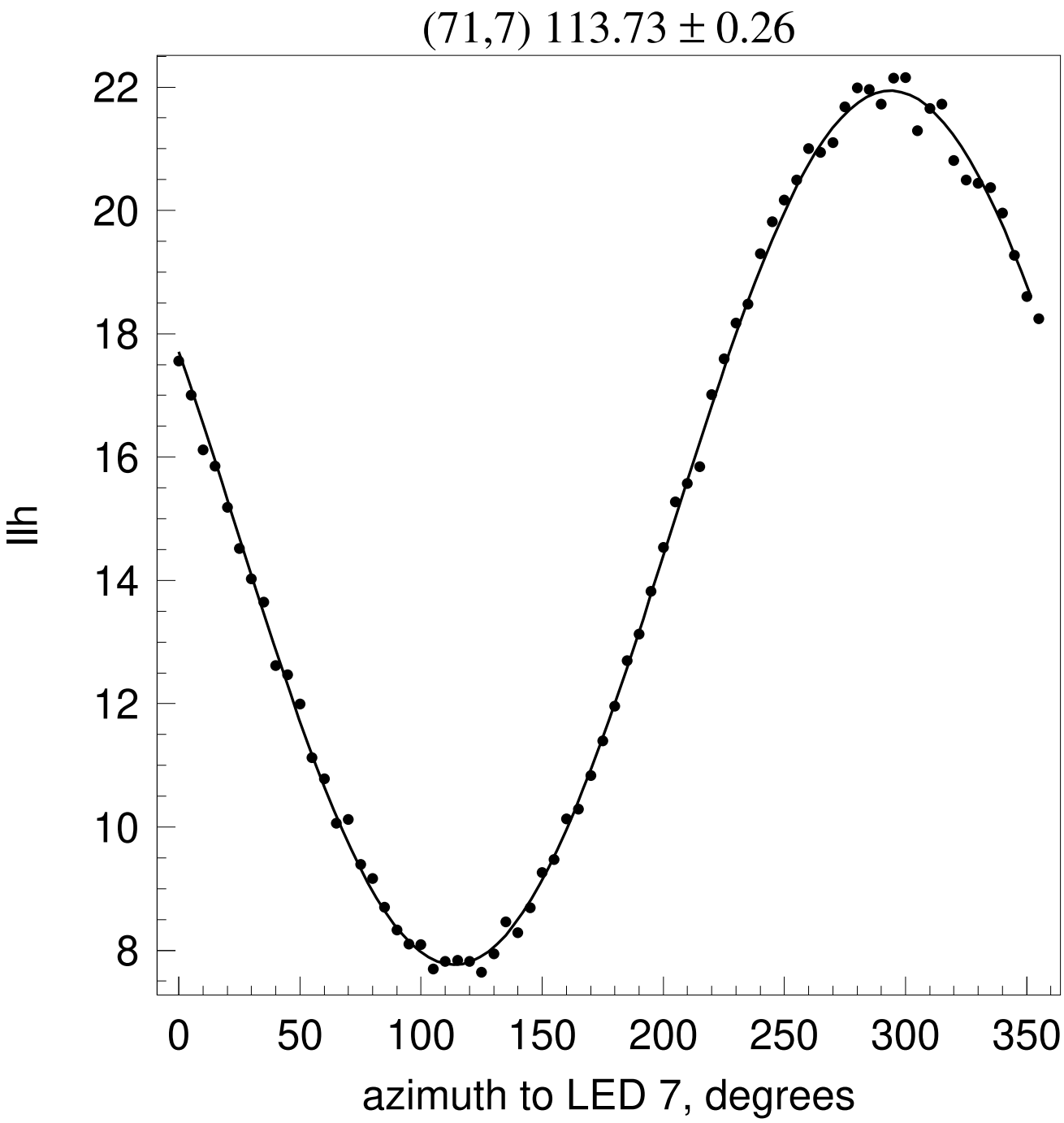

(71,2) 141.75 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

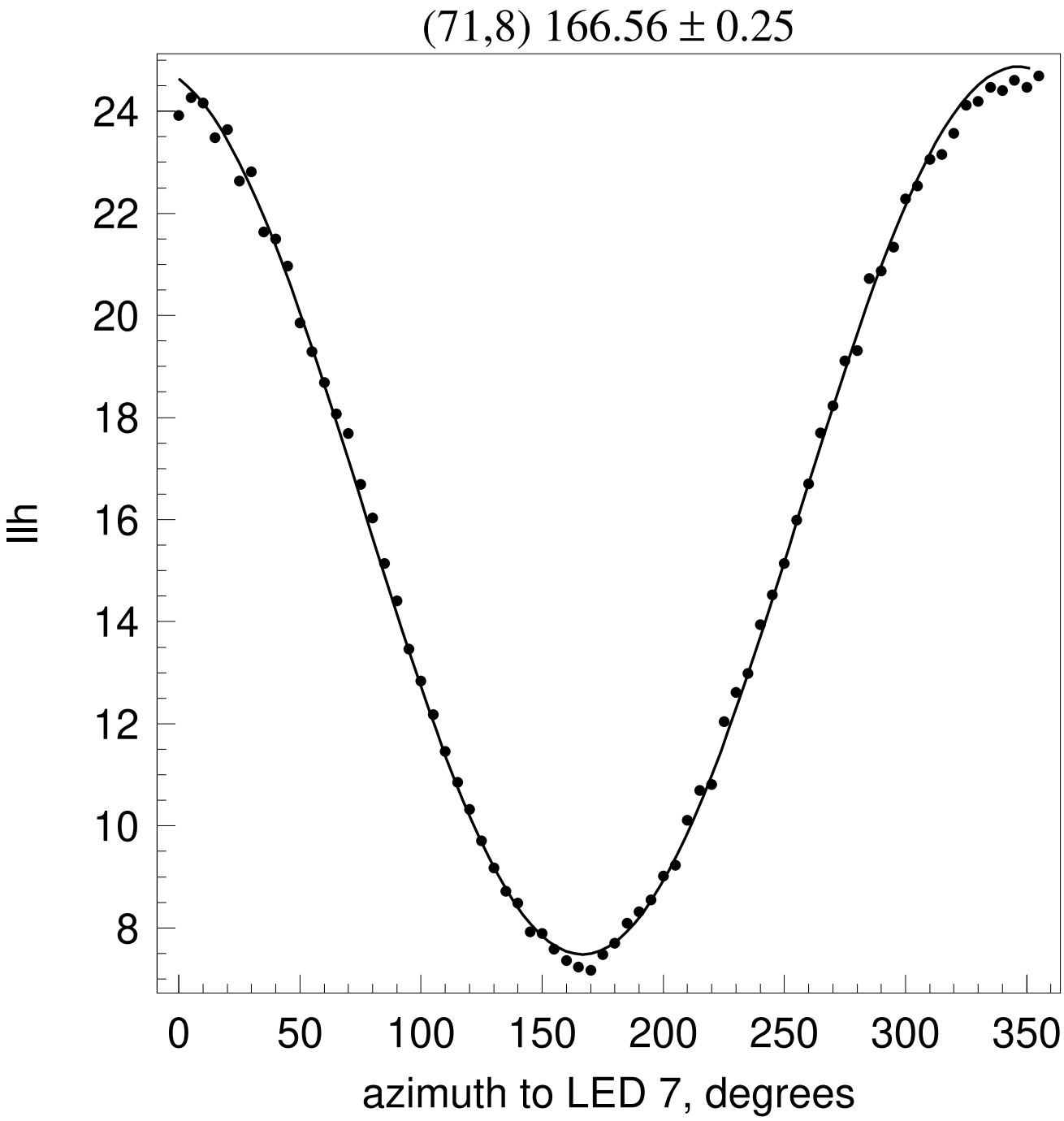

(71,3) 311.15 ± 0.24
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

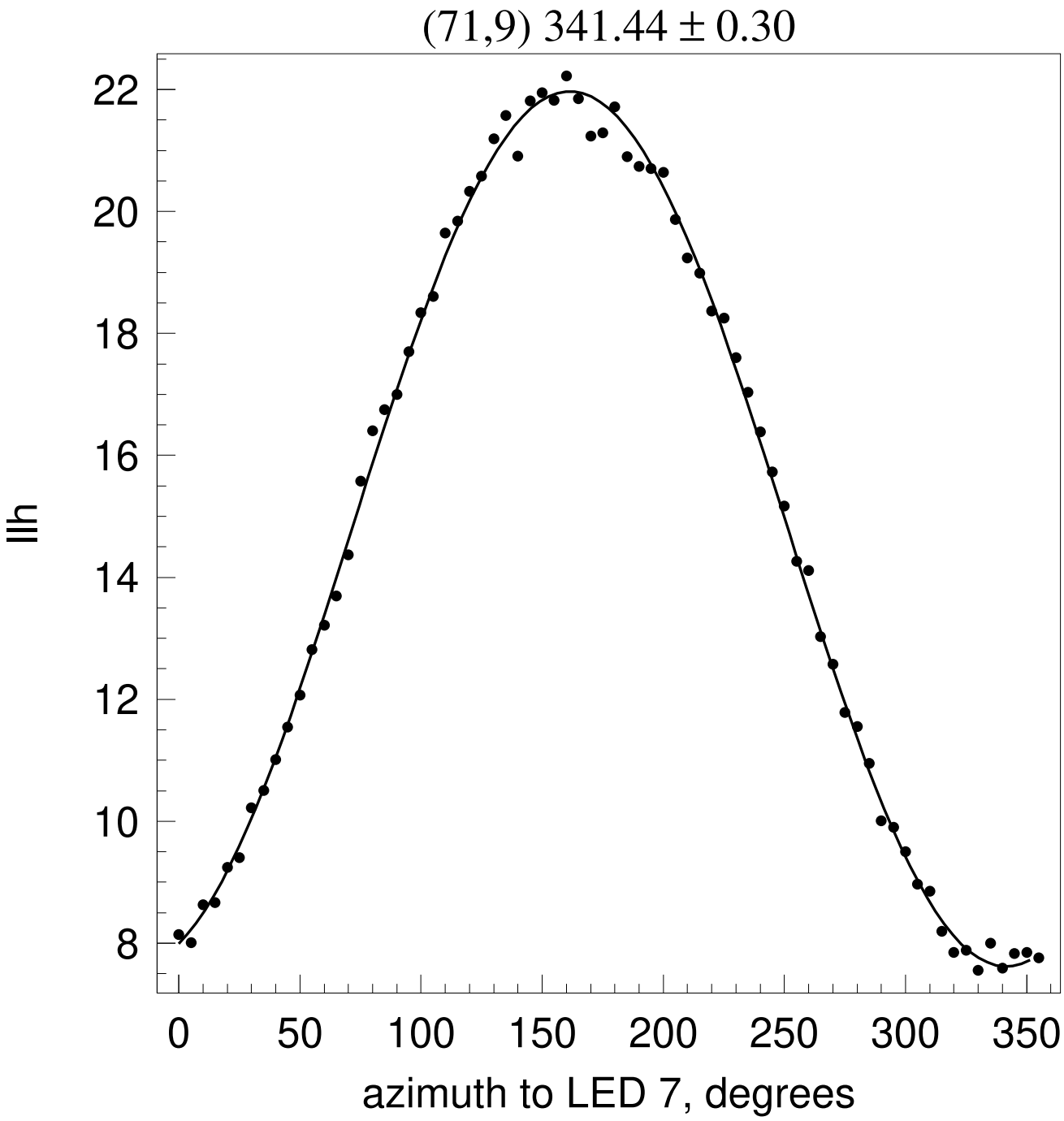

(71,4) 255.29 ± 0.30
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

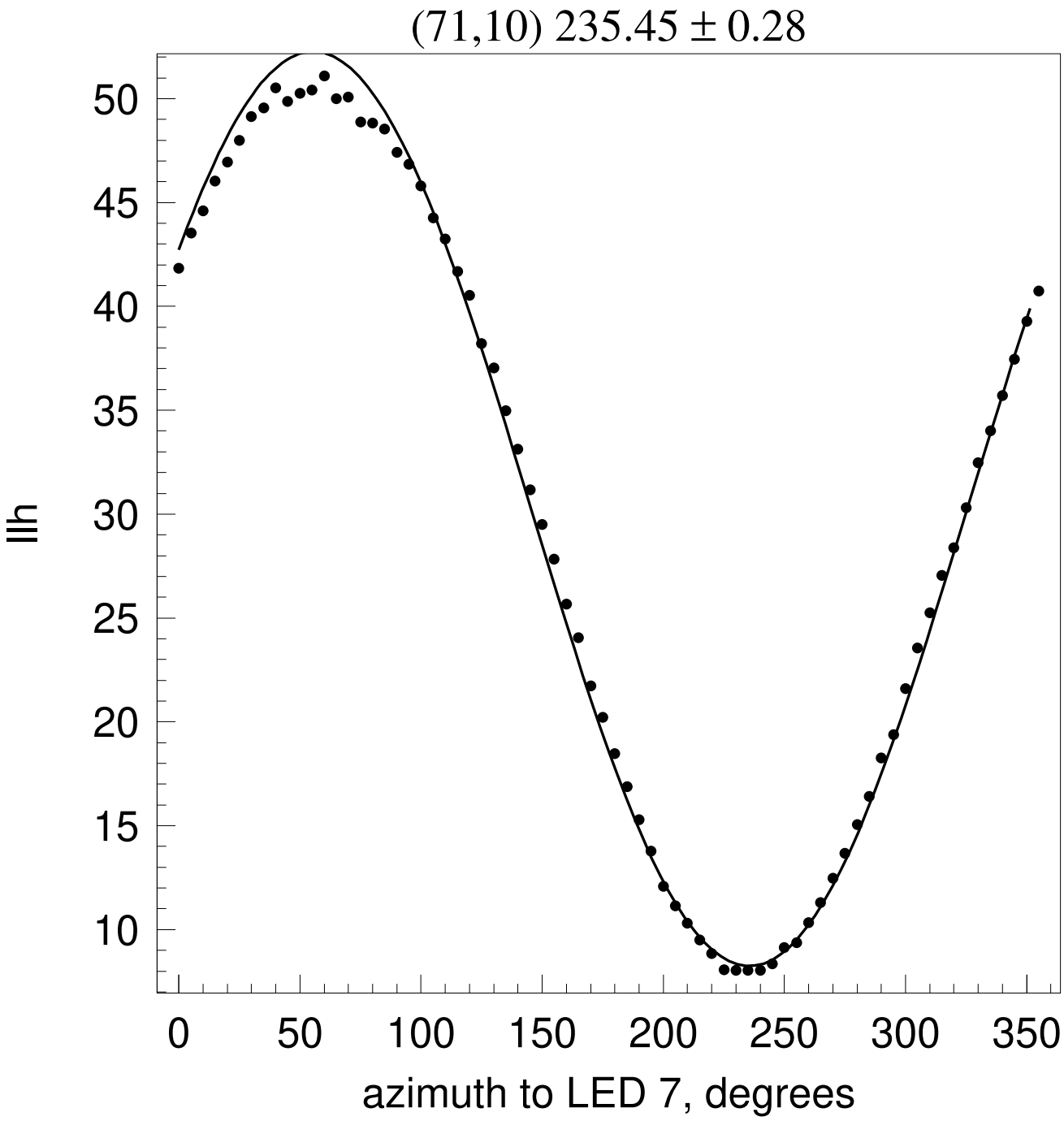

(71,5) 147.90 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

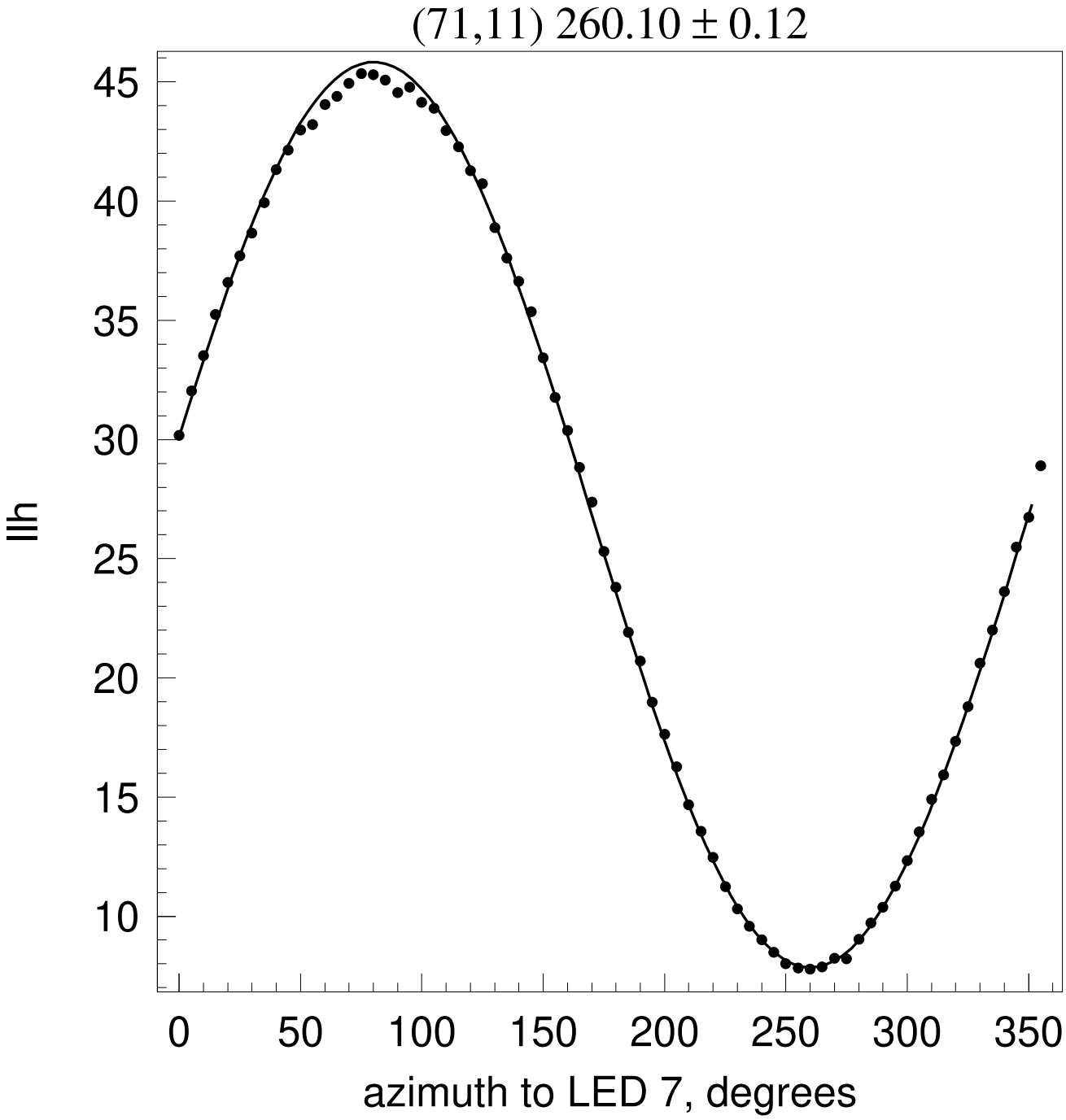

(71,6) 87.90 ± 0.14
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

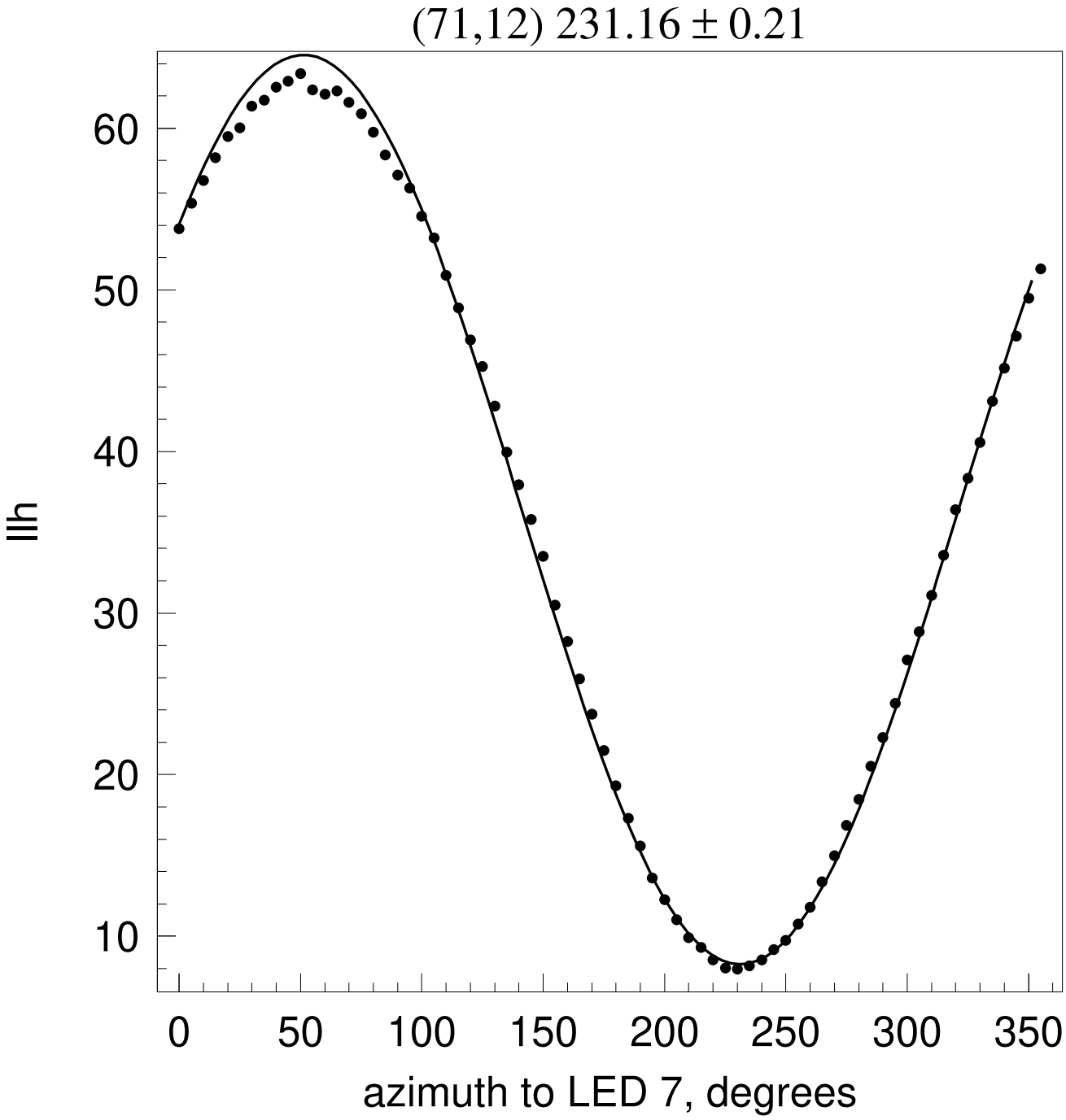

(71,7) 113.73 ± 0.26
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

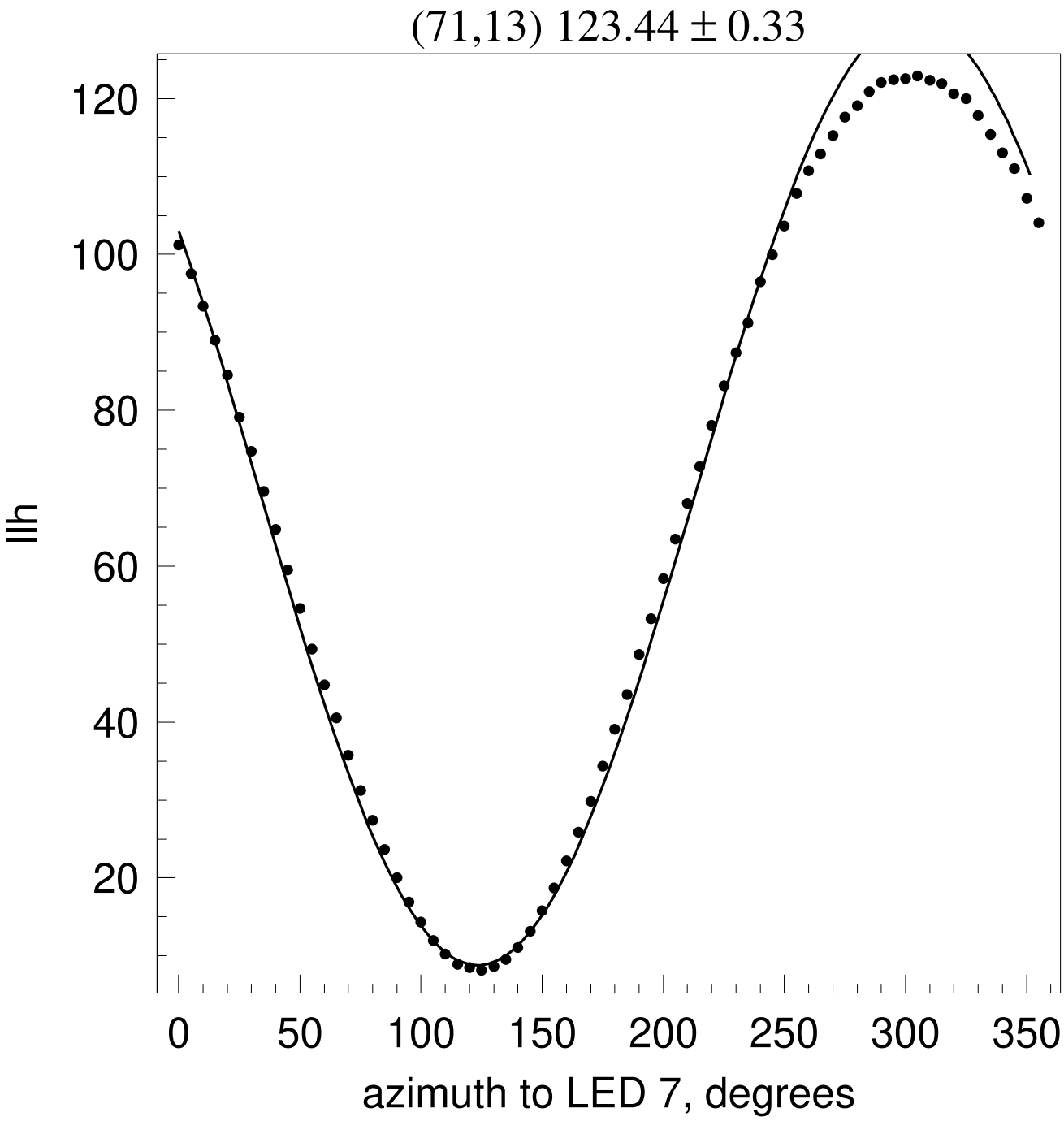

(71,8) 166.56 ± 0.25
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

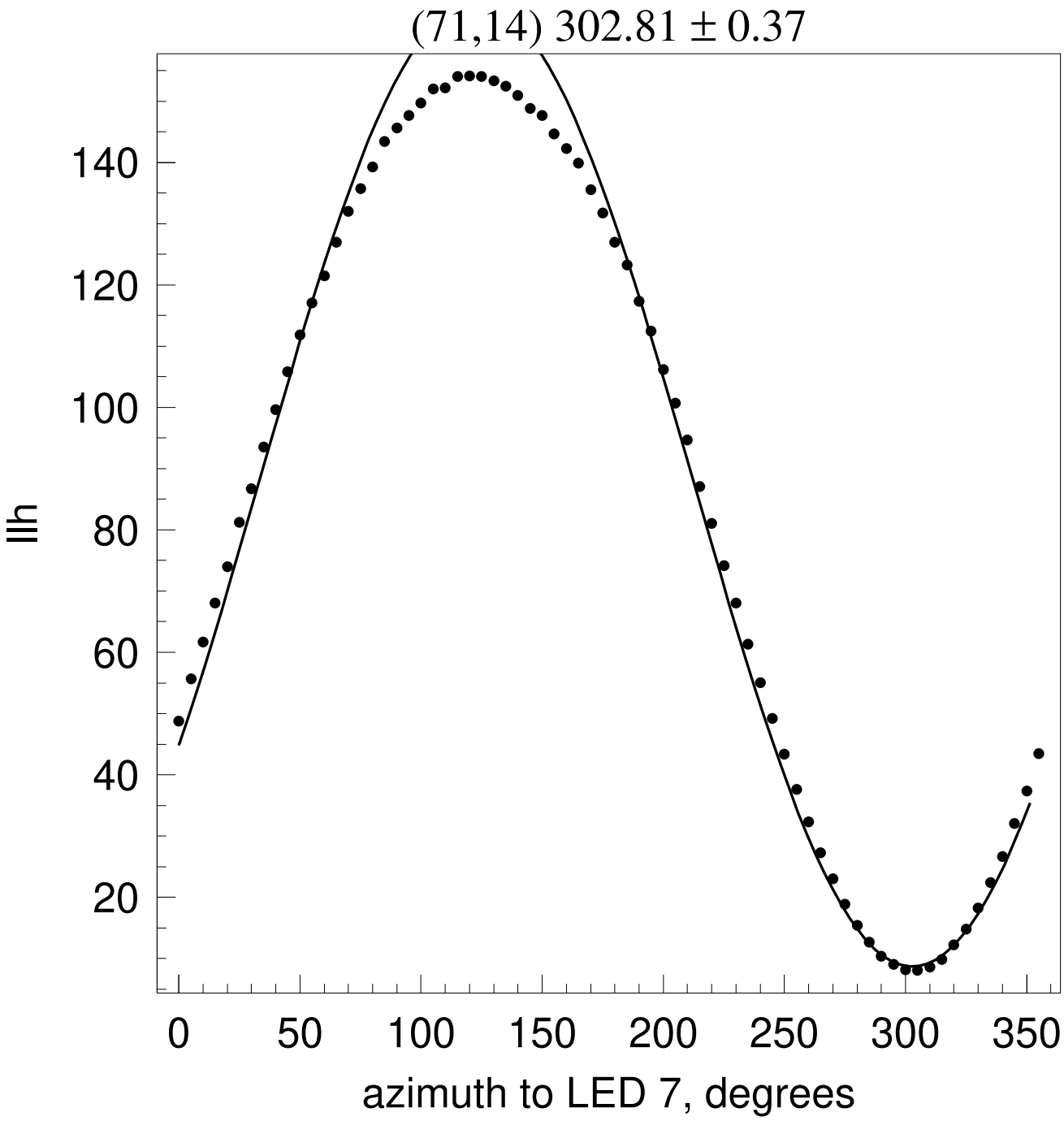

(71,9) 341.44 ± 0.30
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

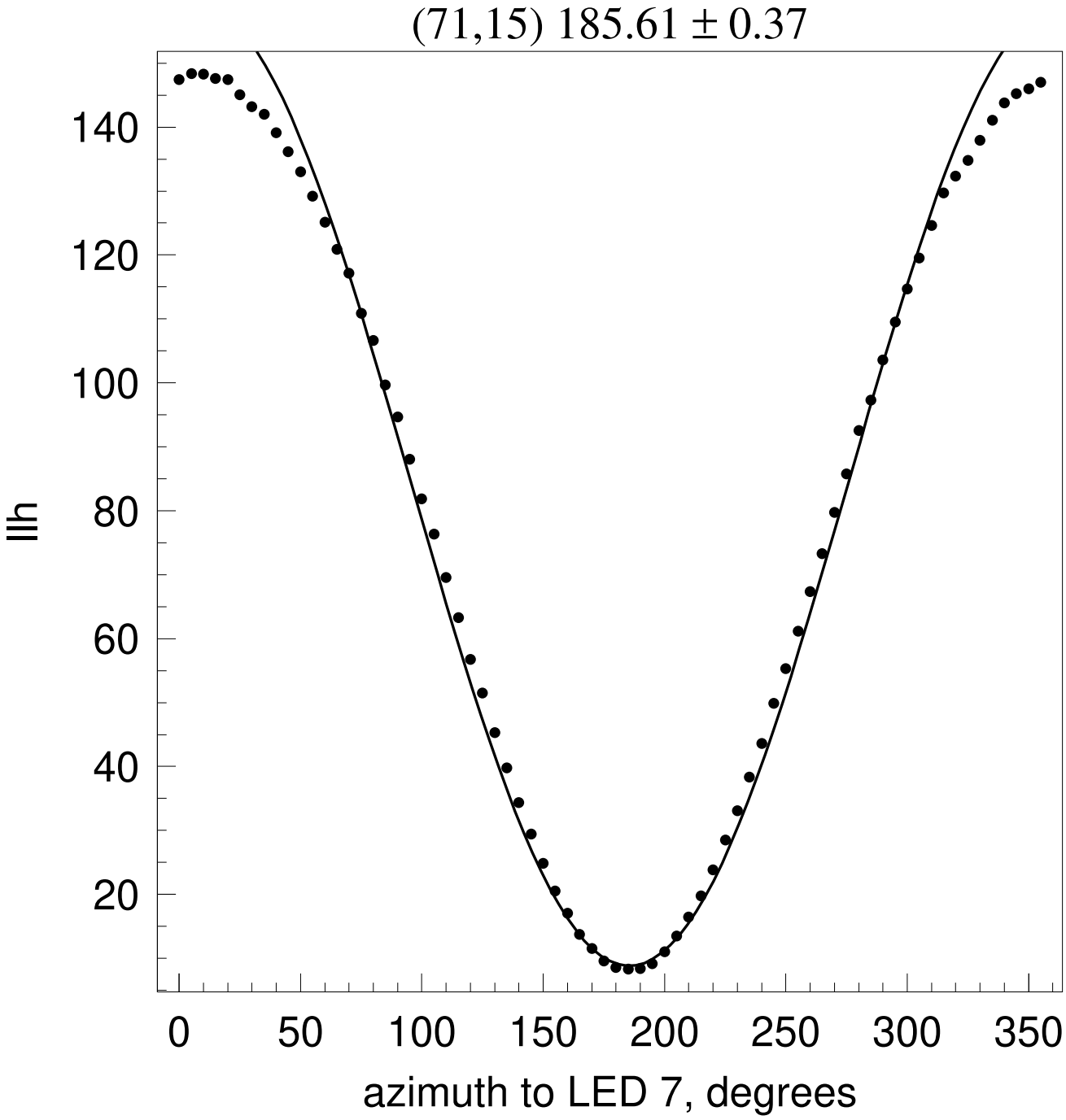

(71,10) 235.45 ± 0.28
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

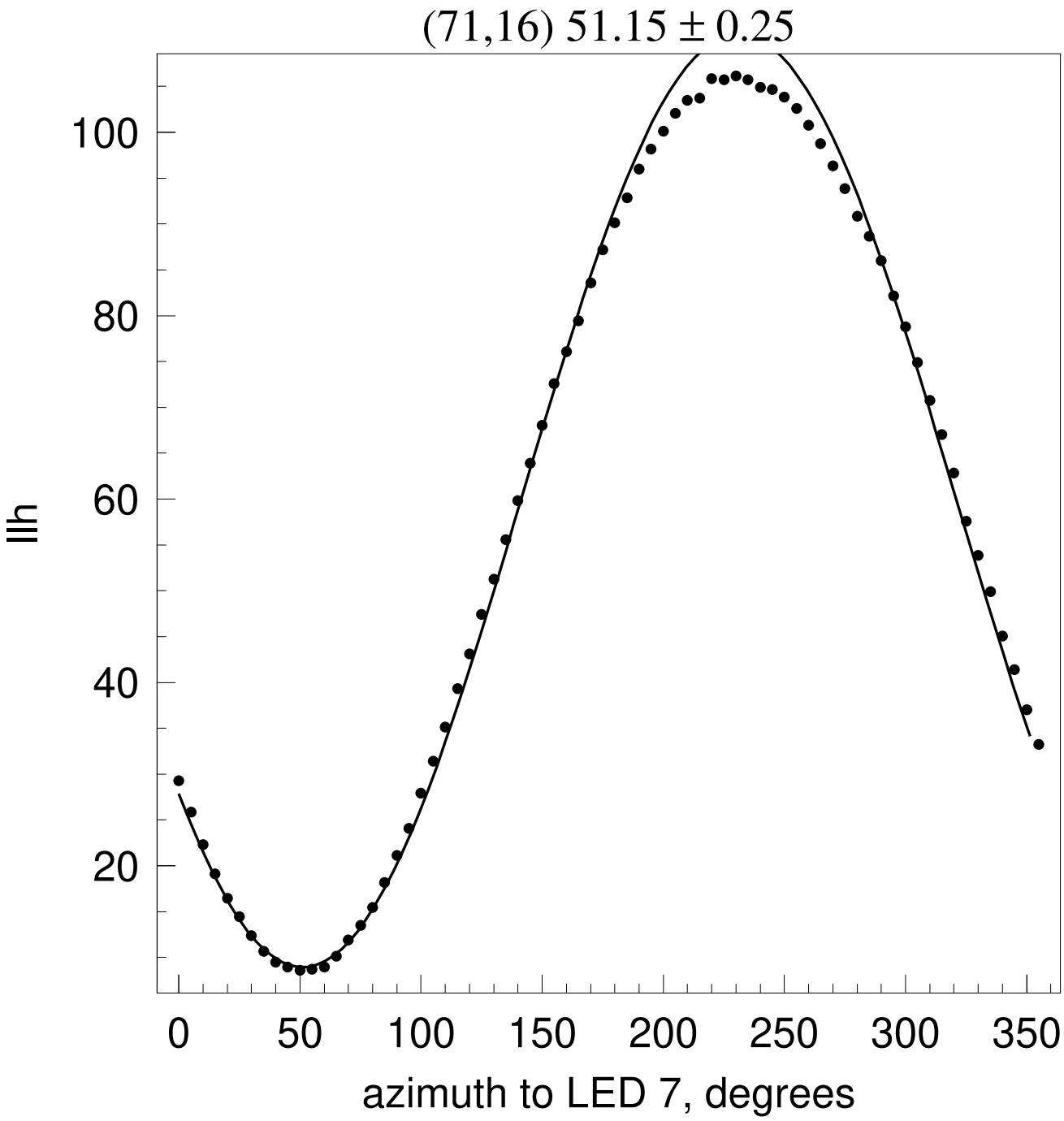

(71,11) 260.10 ± 0.12
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

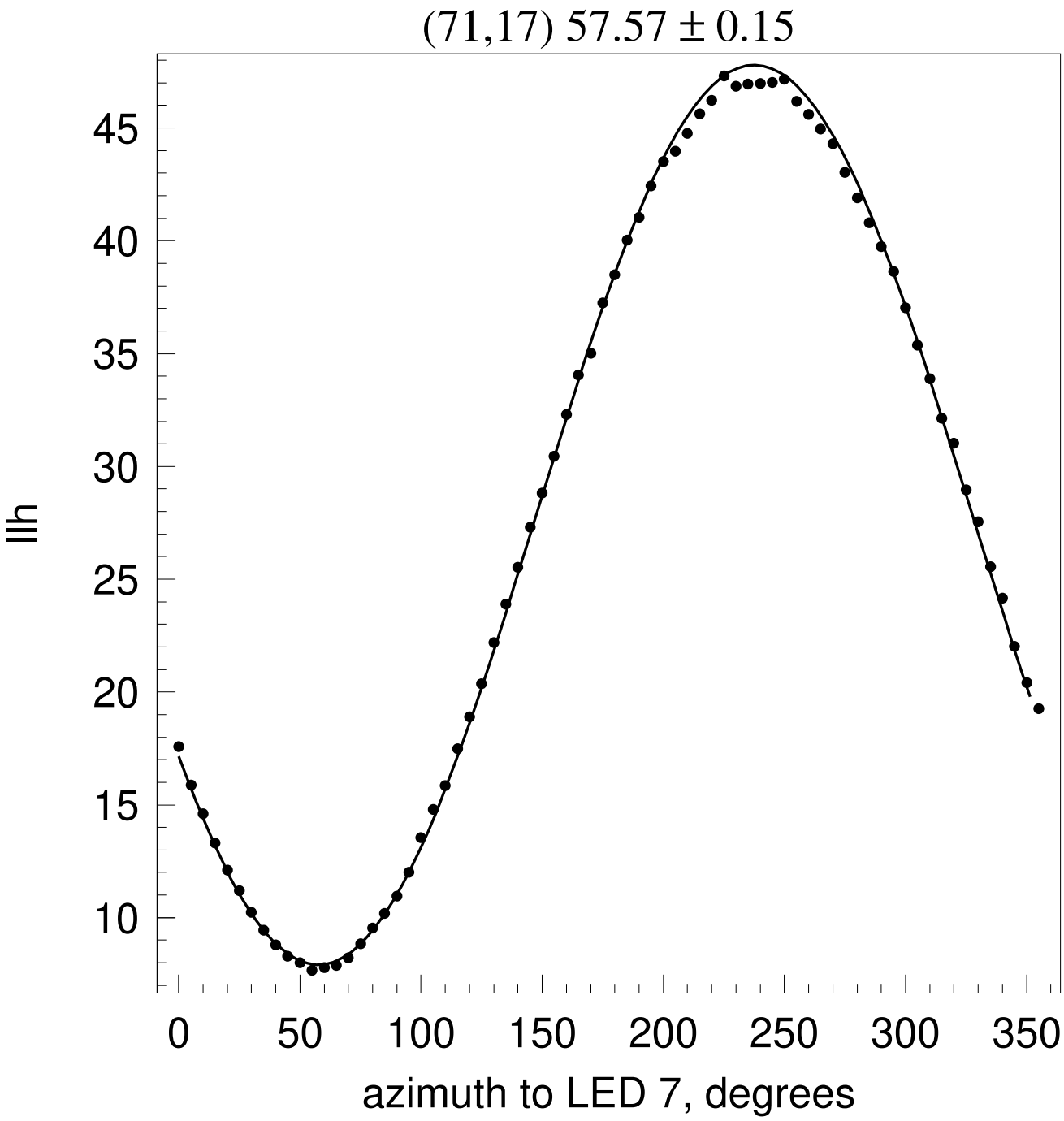

(71,12) 231.16 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

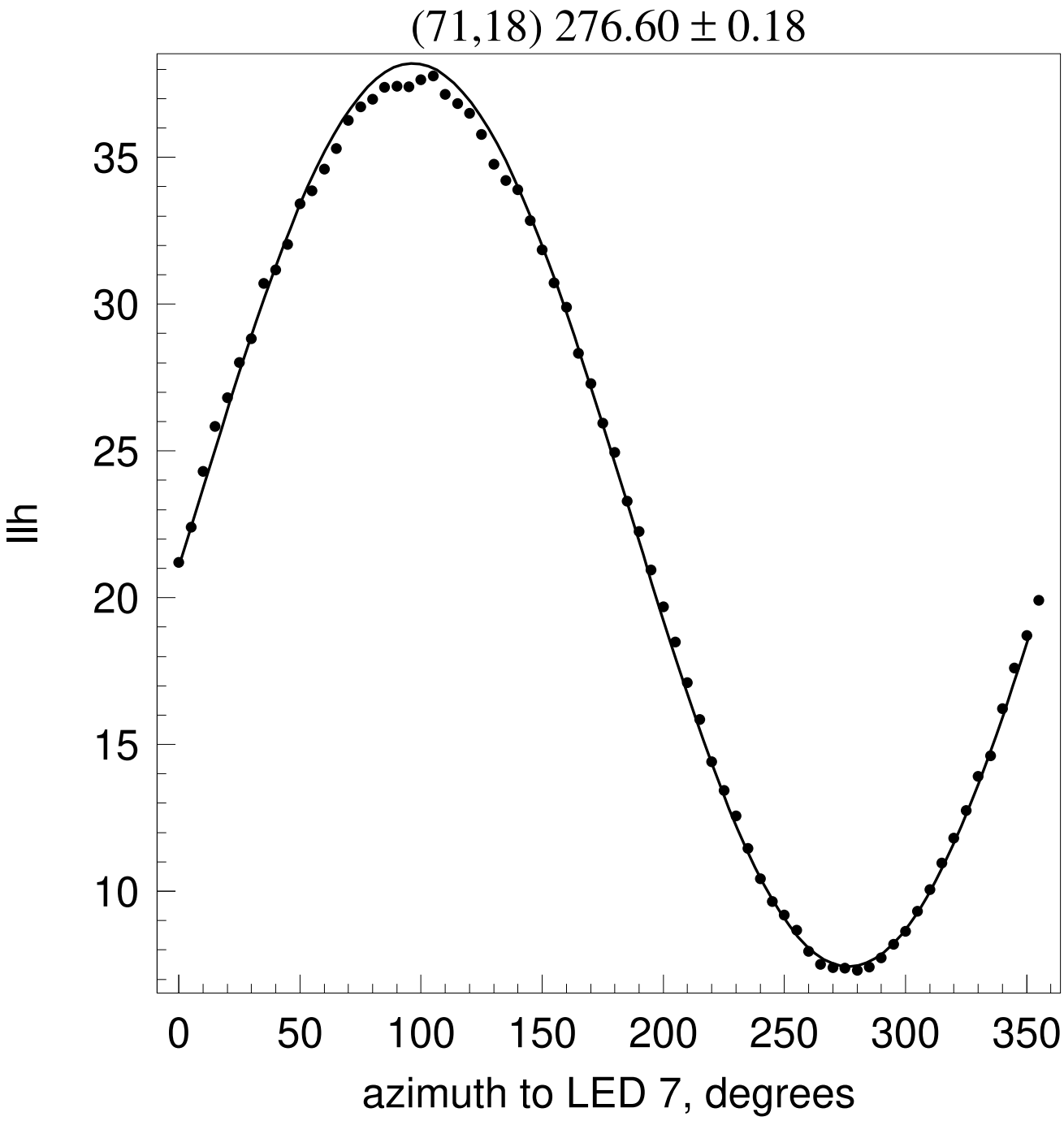

(71,13) 123.44 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

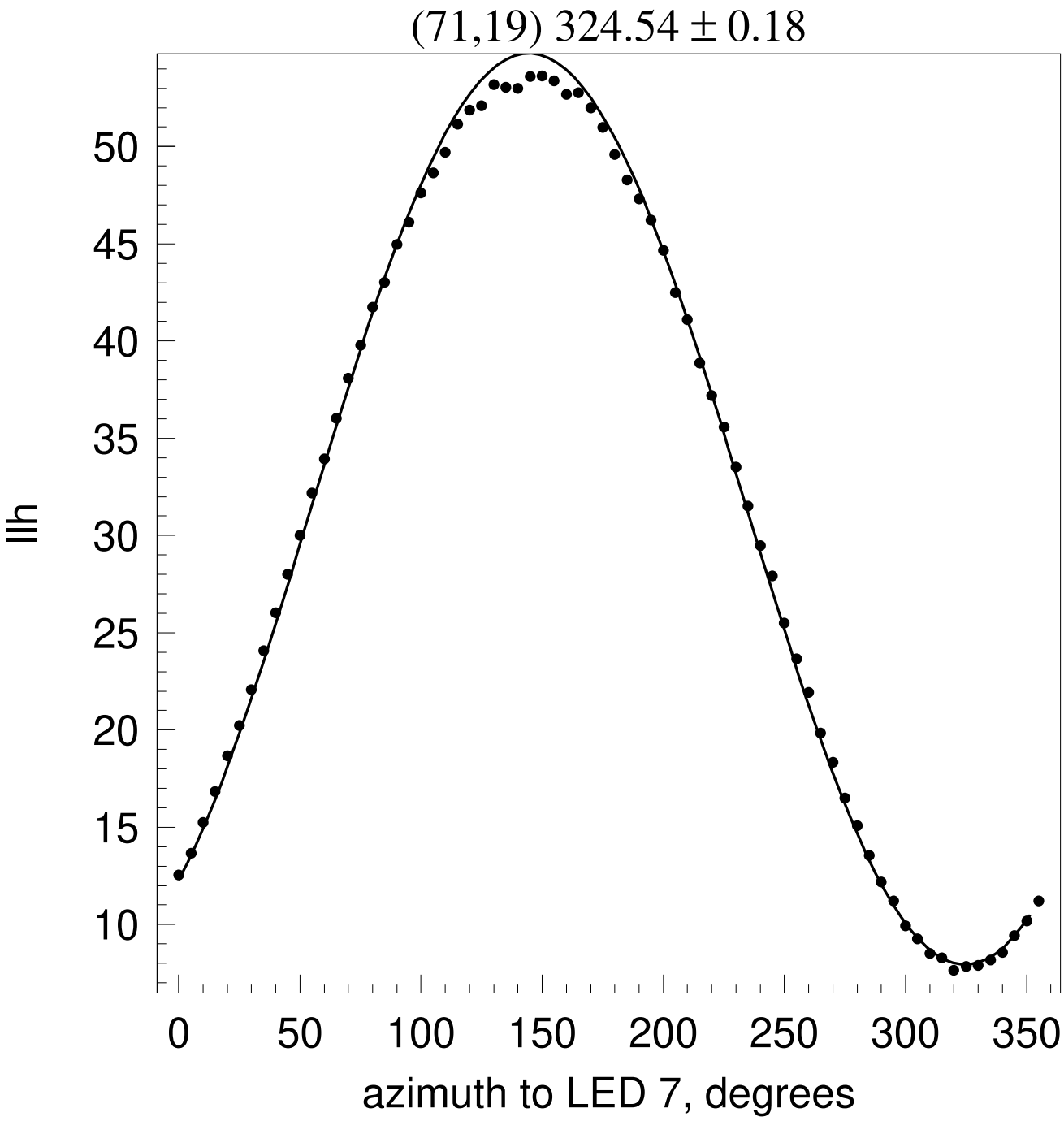

(71,14) 302.81 ± 0.37
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

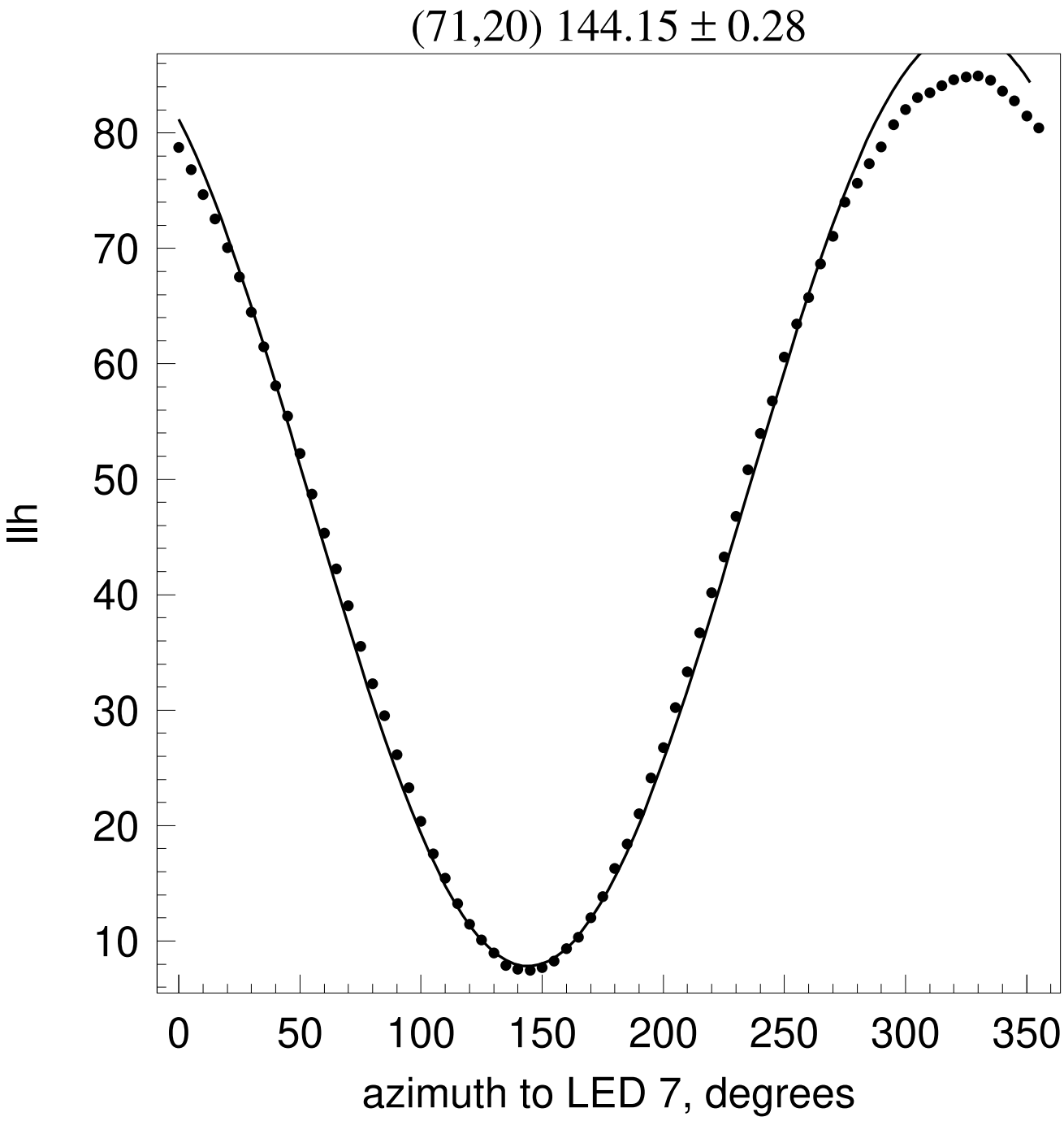

(71,15) 185.61 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

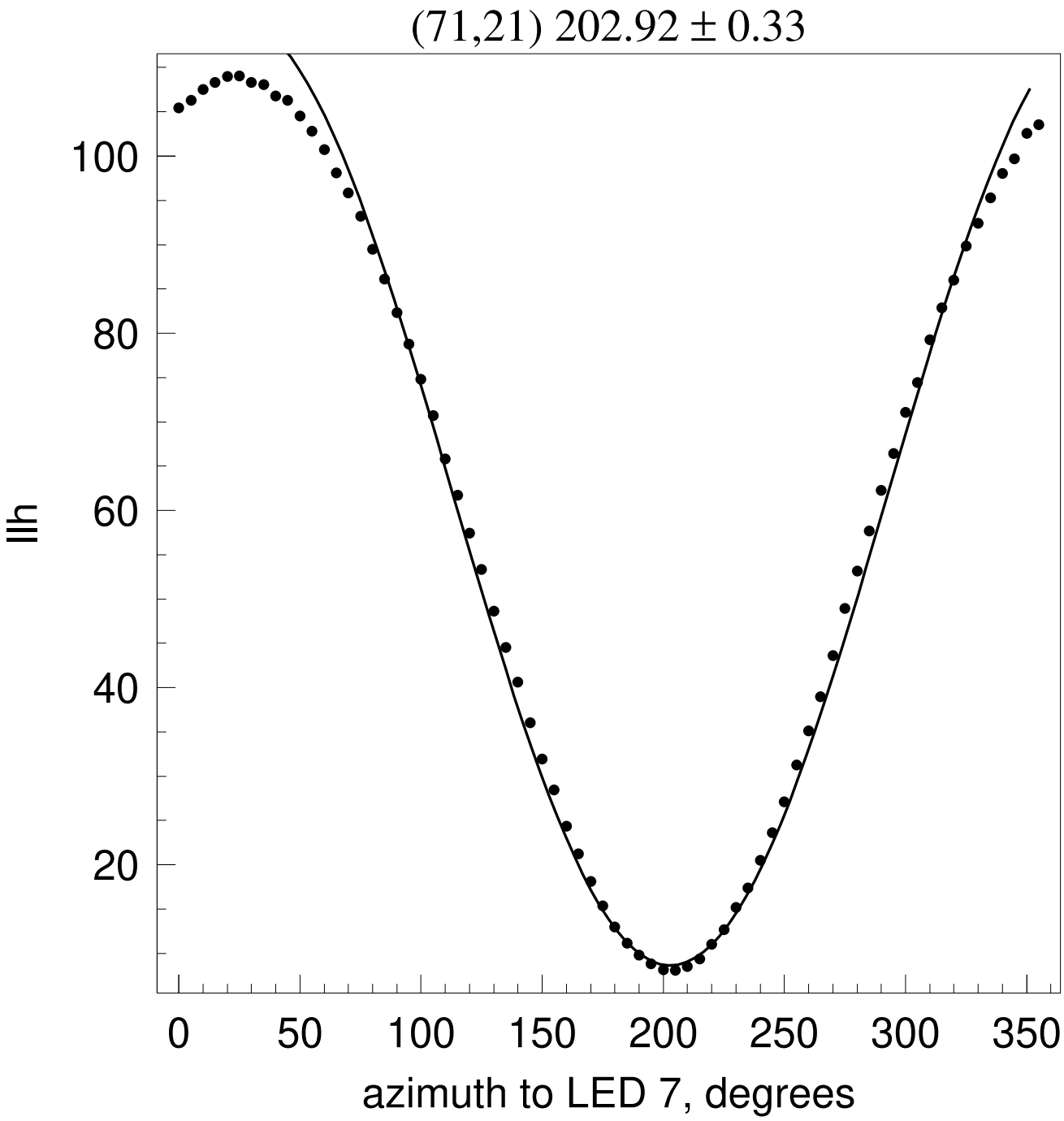

(71,16) 51.15 ± 0.25
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

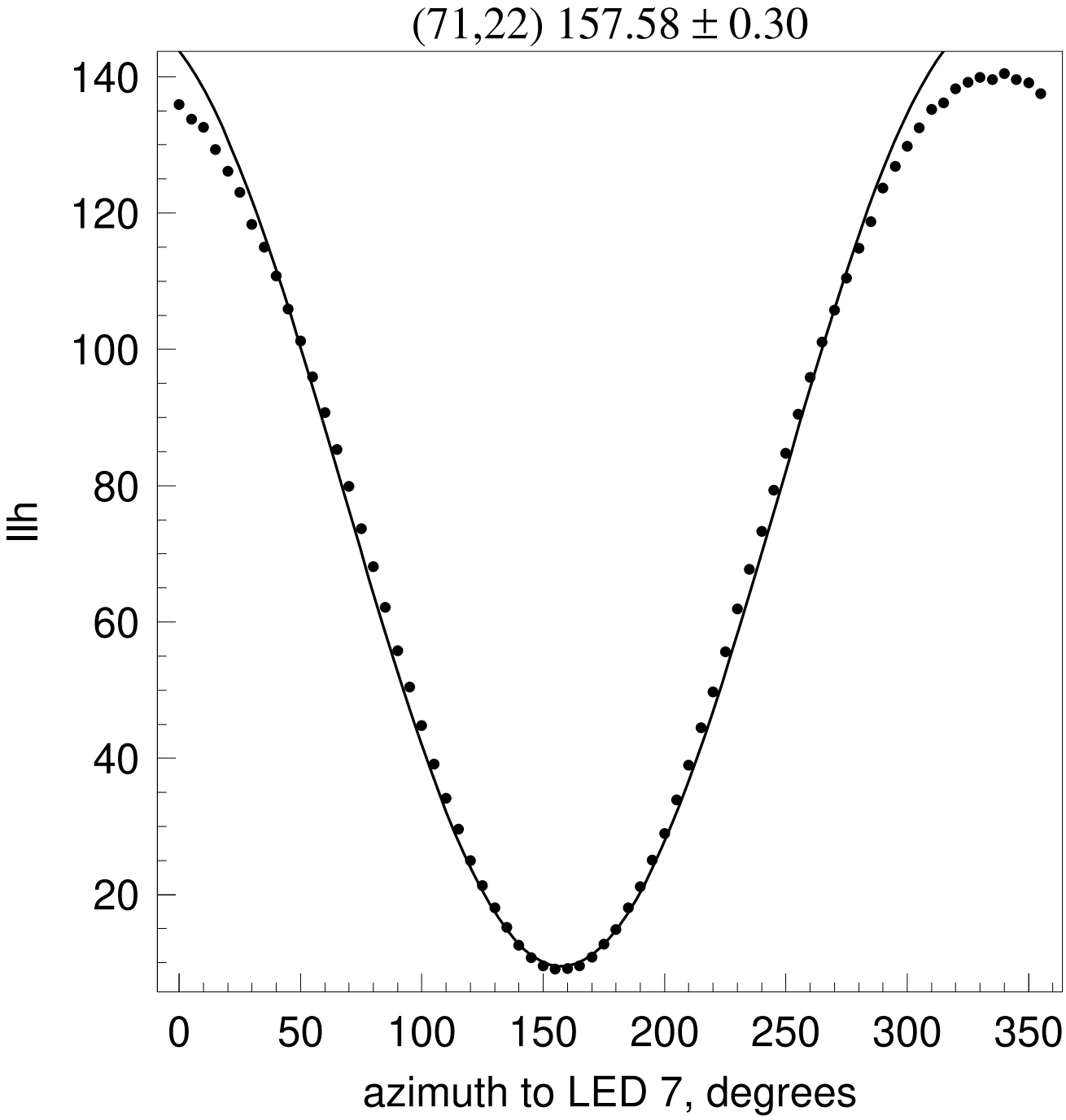

(71,17) 57.57 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

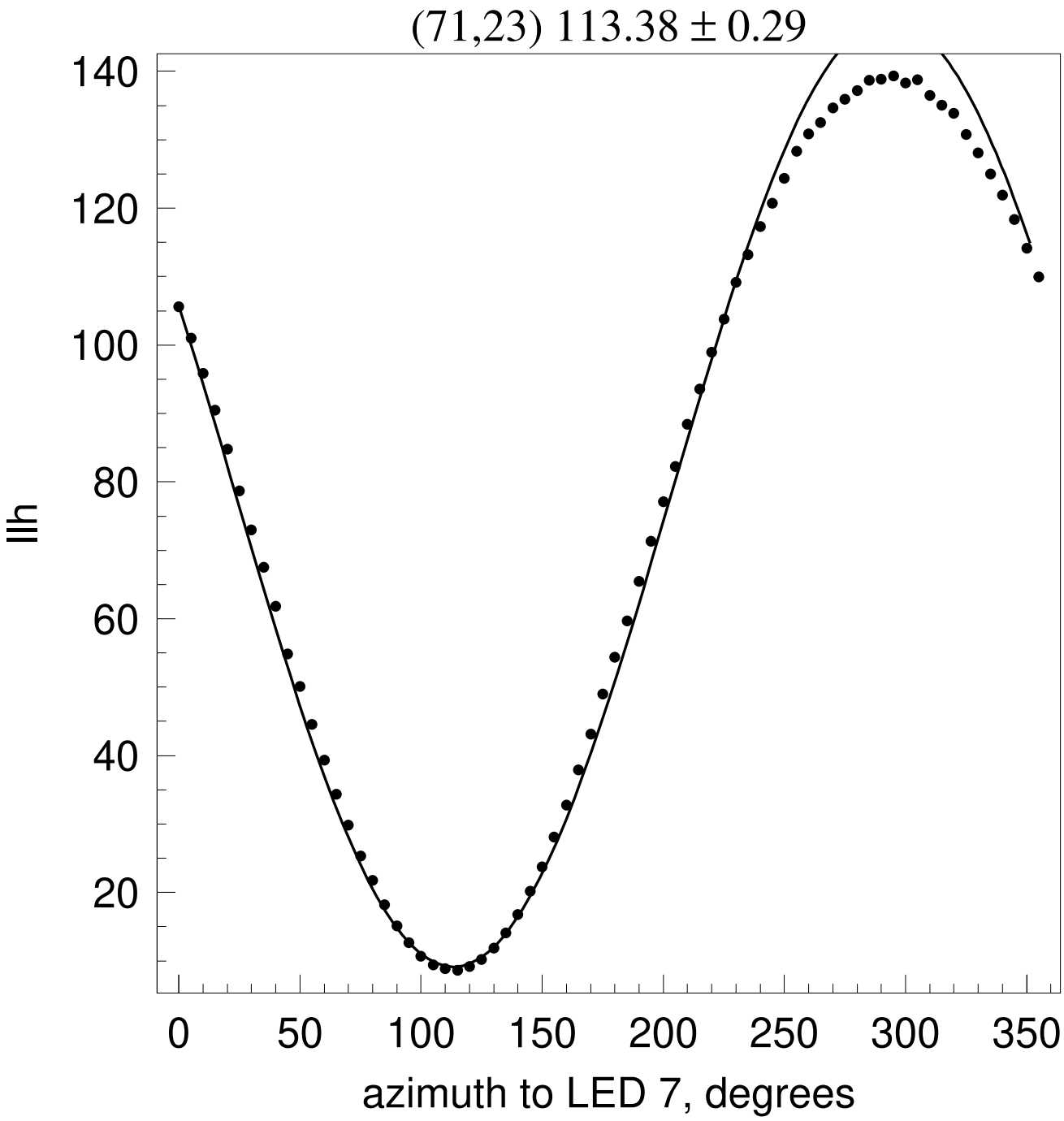

(71,18) 276.60 ± 0.18
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

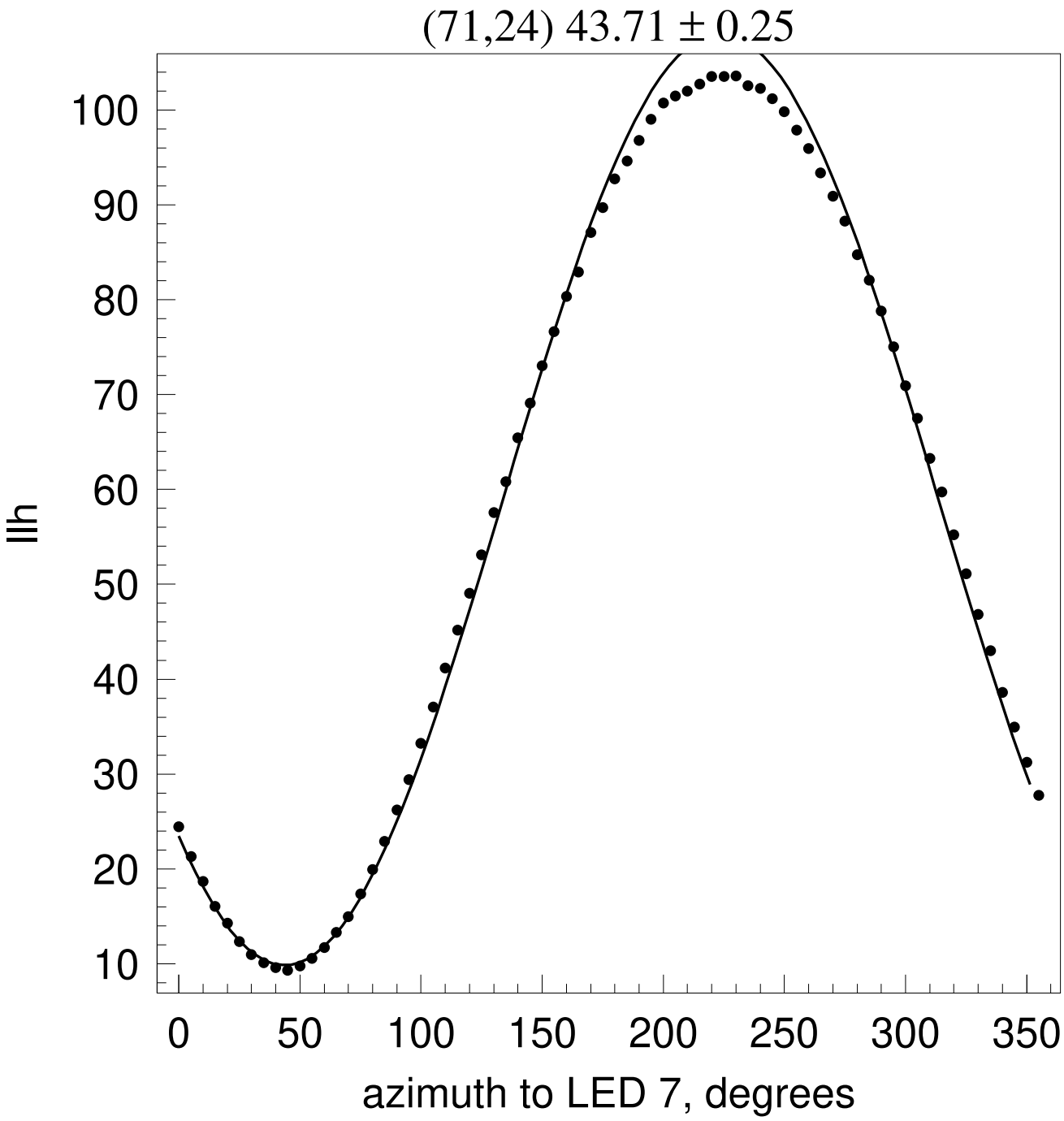

(71,19) 324.54 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

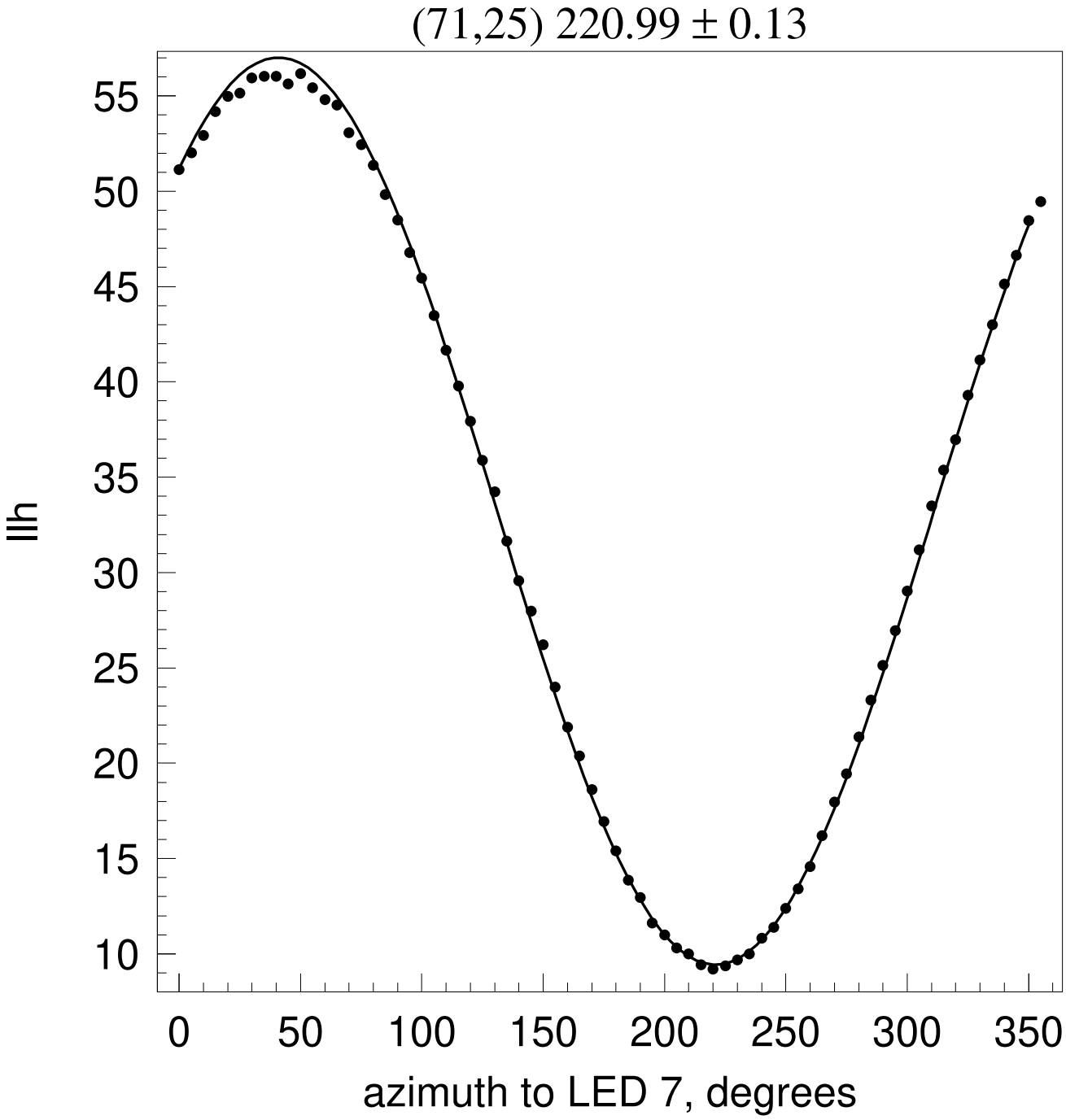

(71,20) 144.15 ± 0.28
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

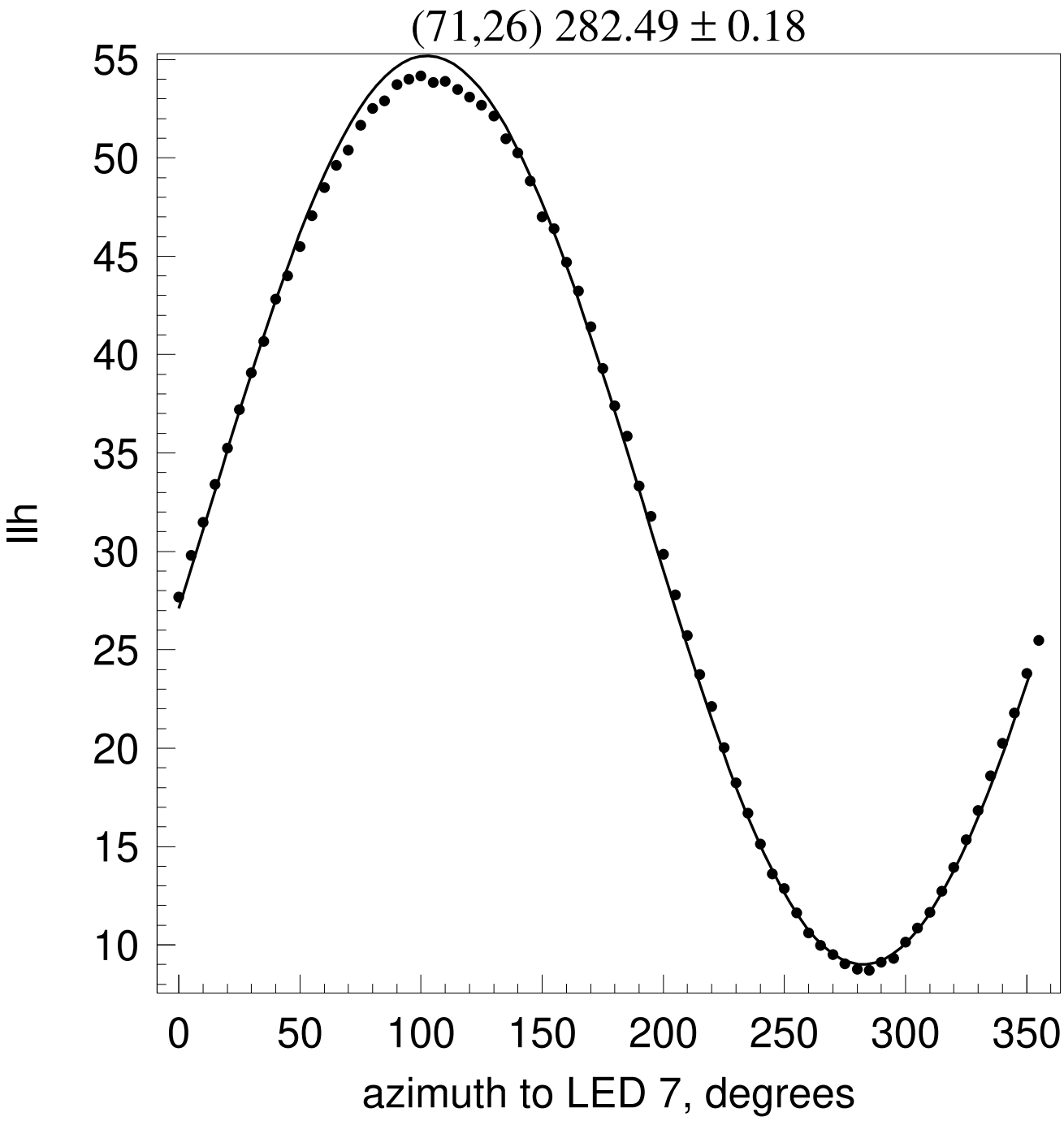

(71,21) 202.92 ± 0.33
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

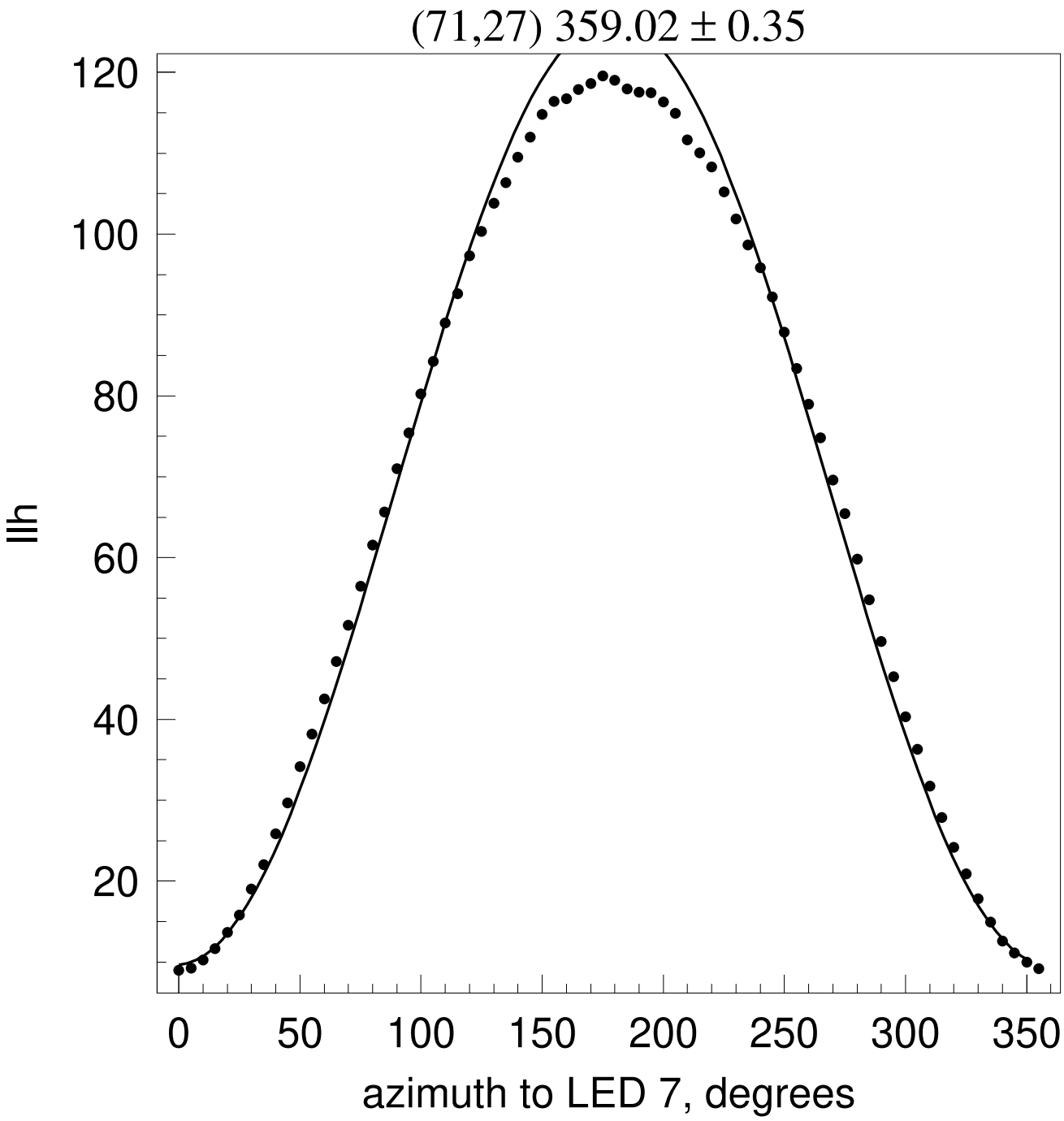

(71,22) 157.58 ± 0.30
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

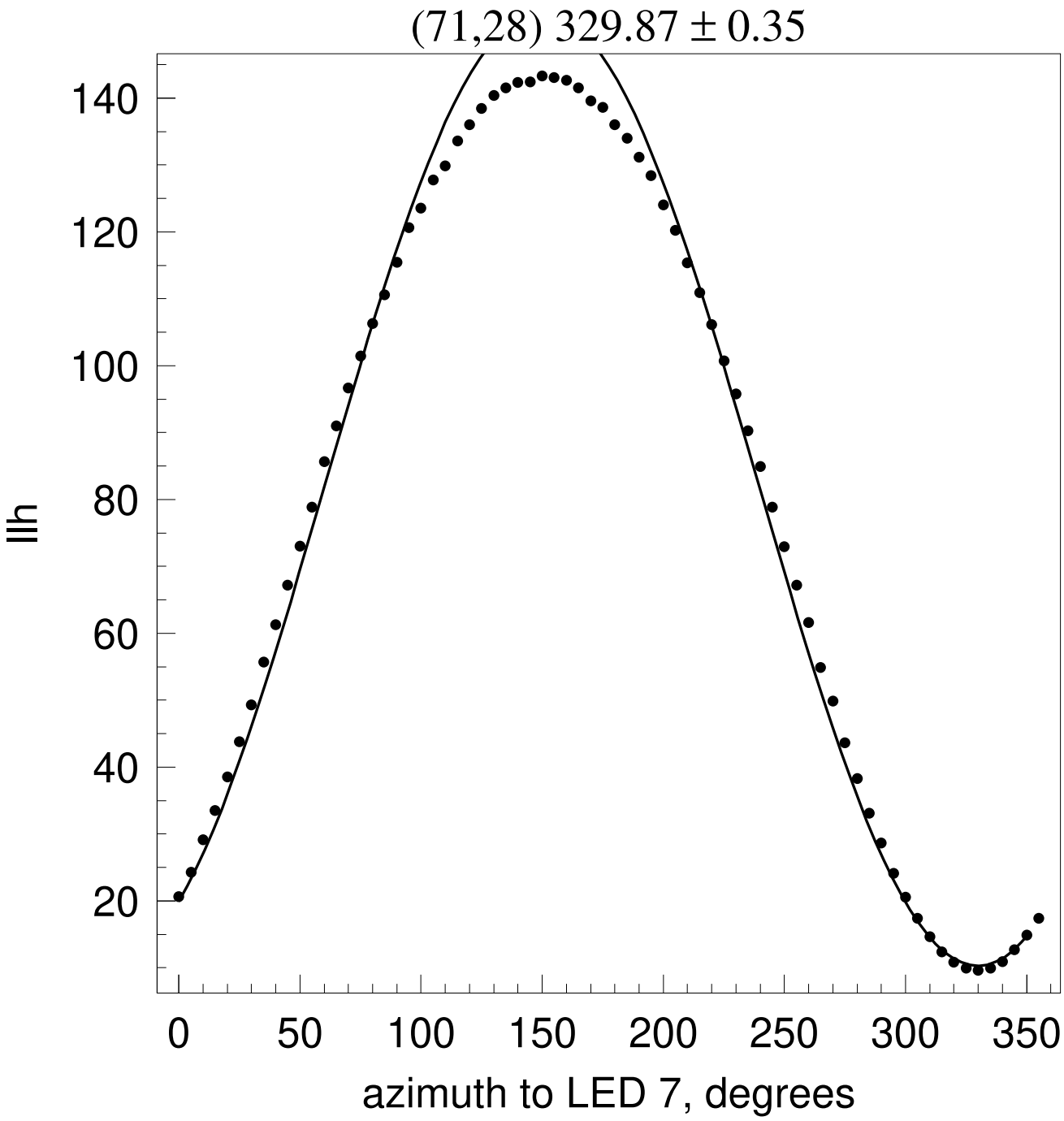

(71,23) 113.38 ± 0.29
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

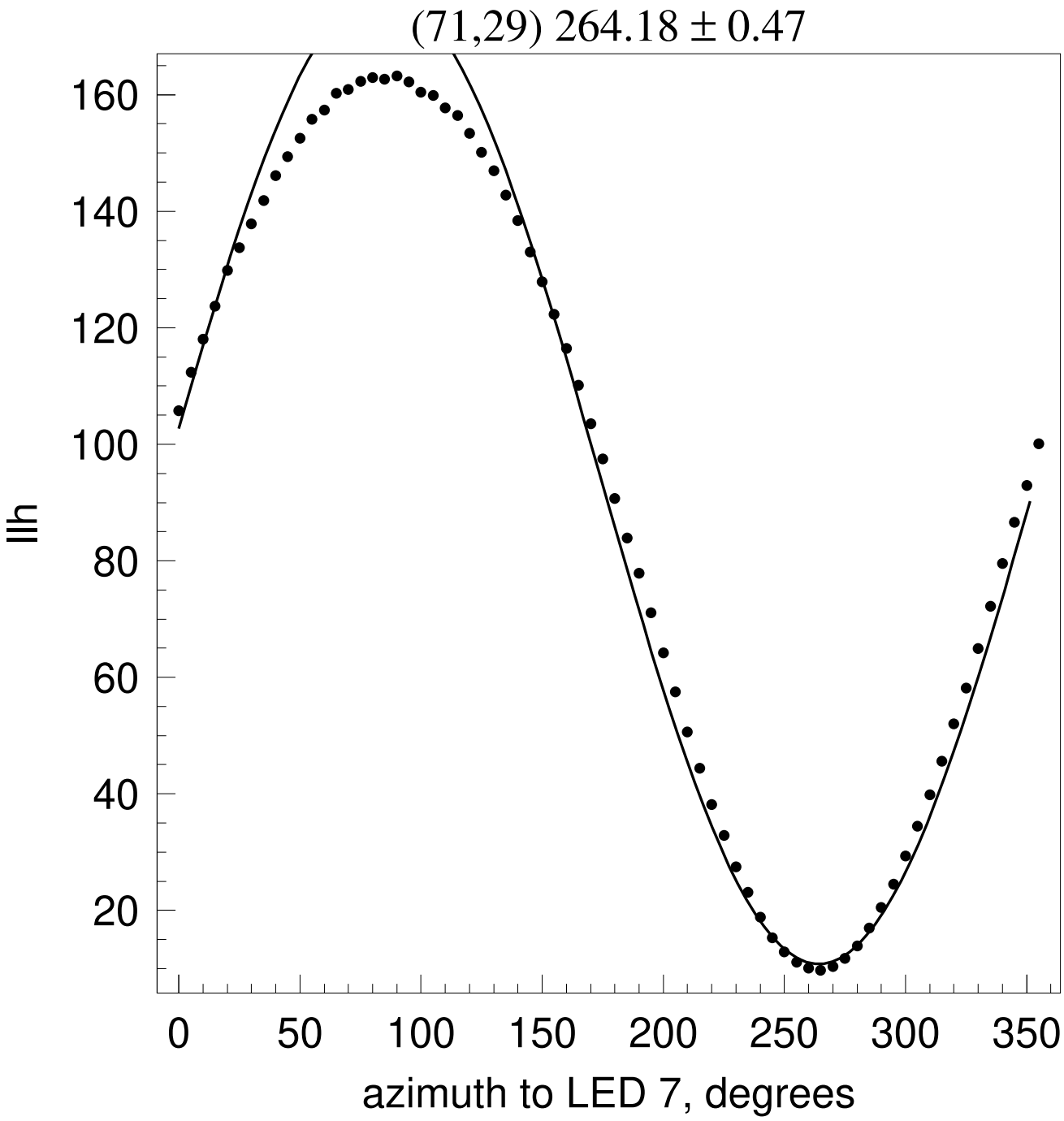

(71,24) 43.71 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

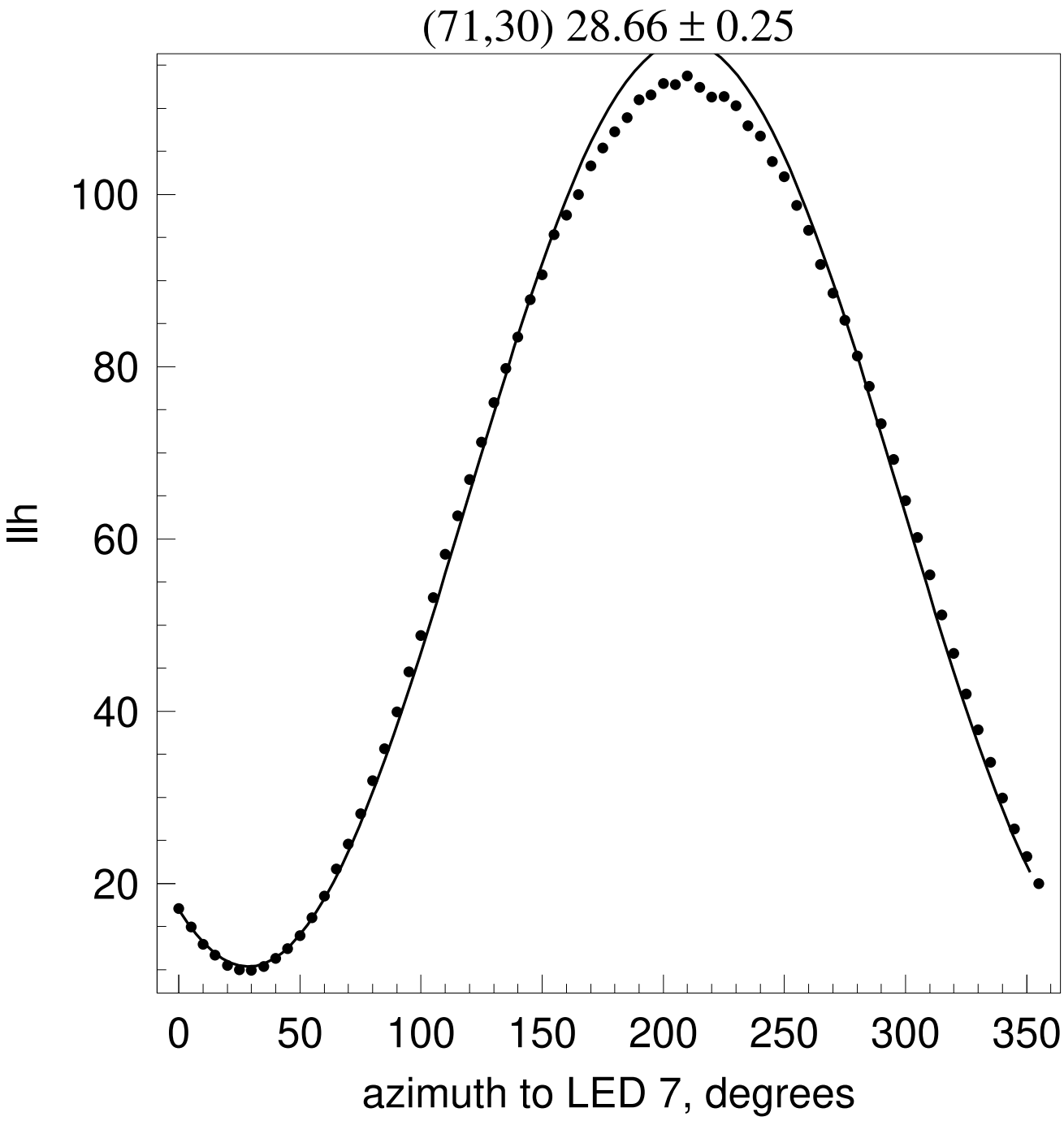

(71,25) 220.99 ± 0.13
llh
55
50
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

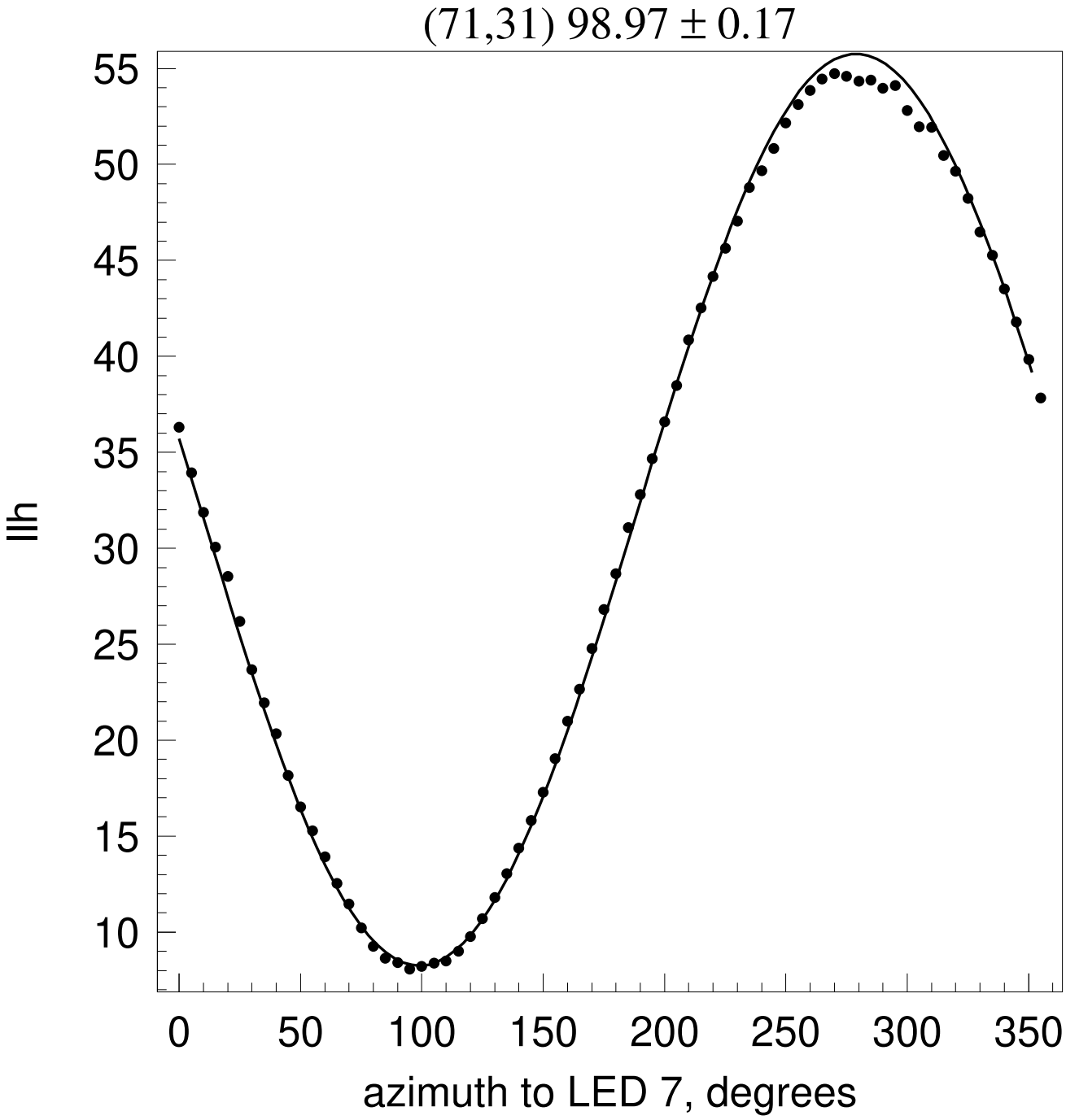

(71,26) 282.49 ± 0.18
55
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

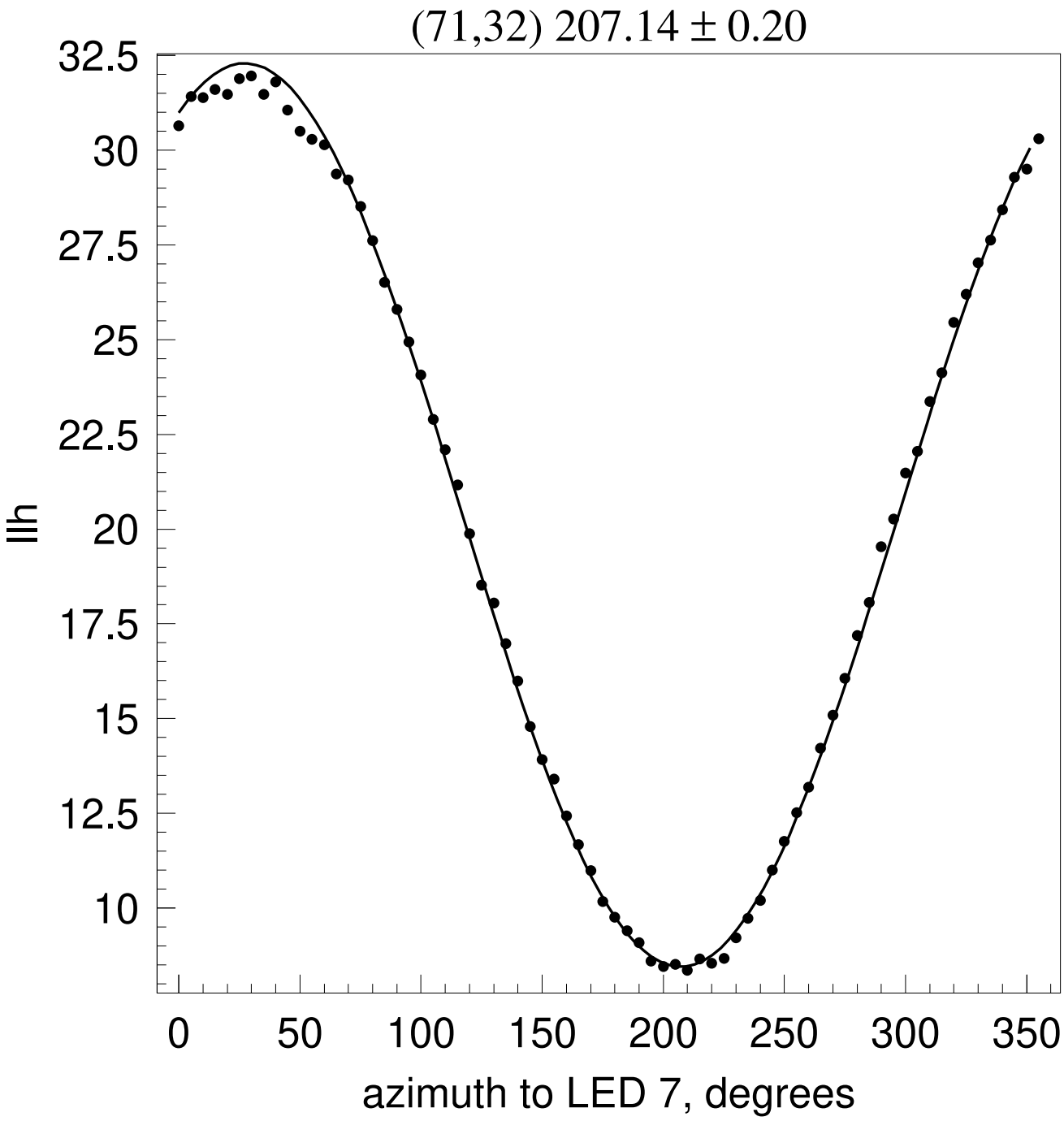

(71,27) 359.02 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

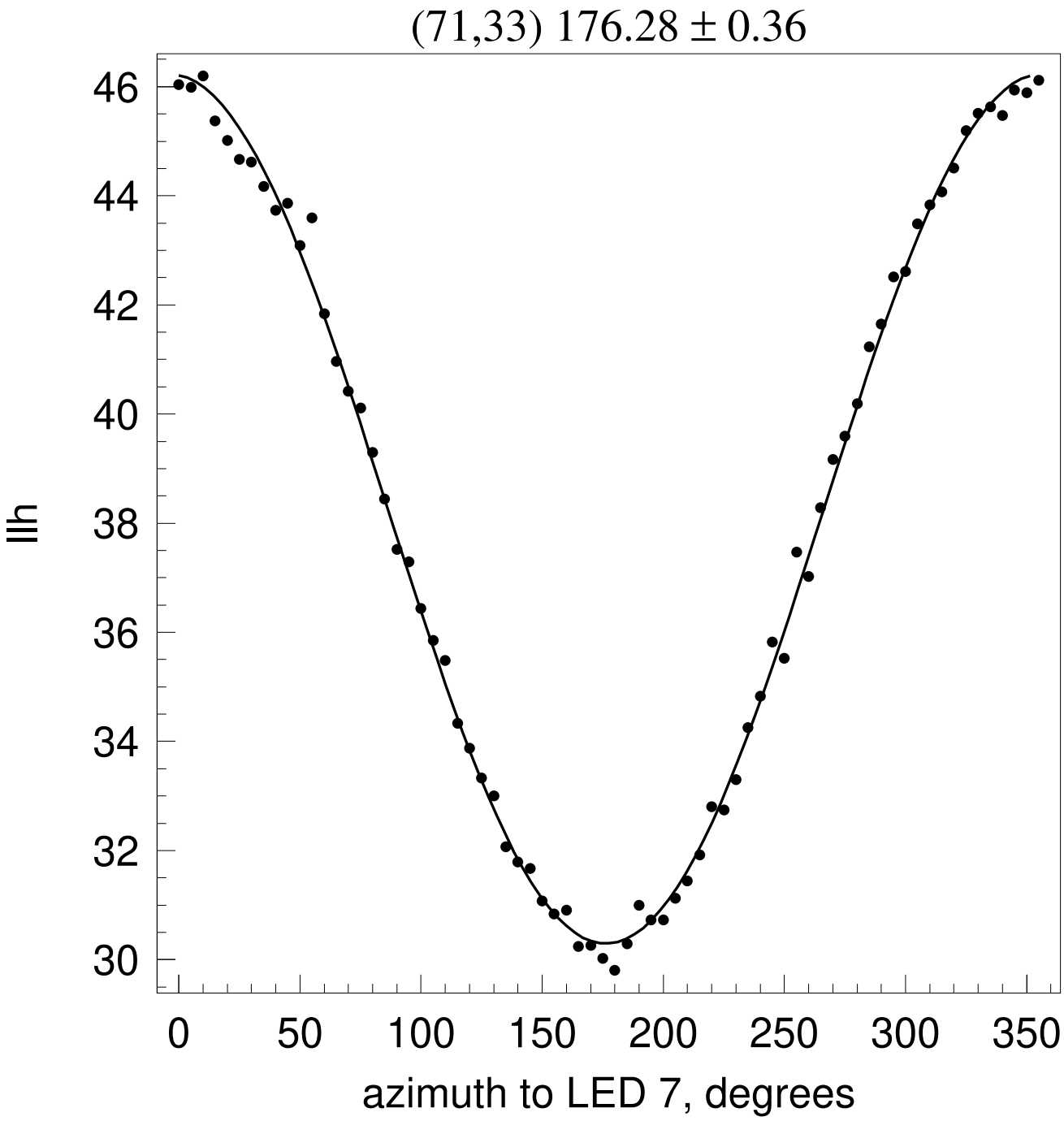

(71,28) 329.87 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

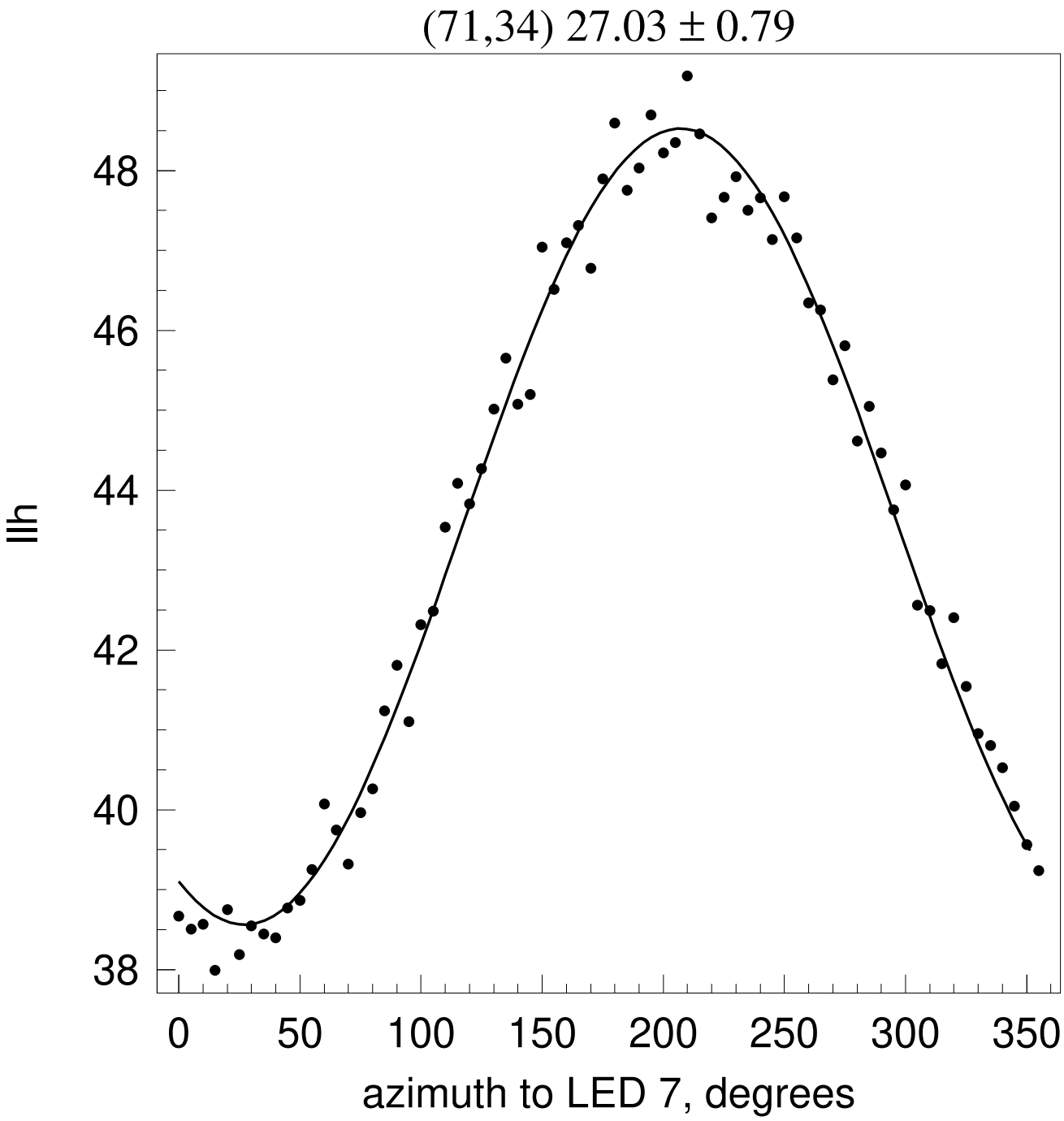

(71,29) 264.18 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

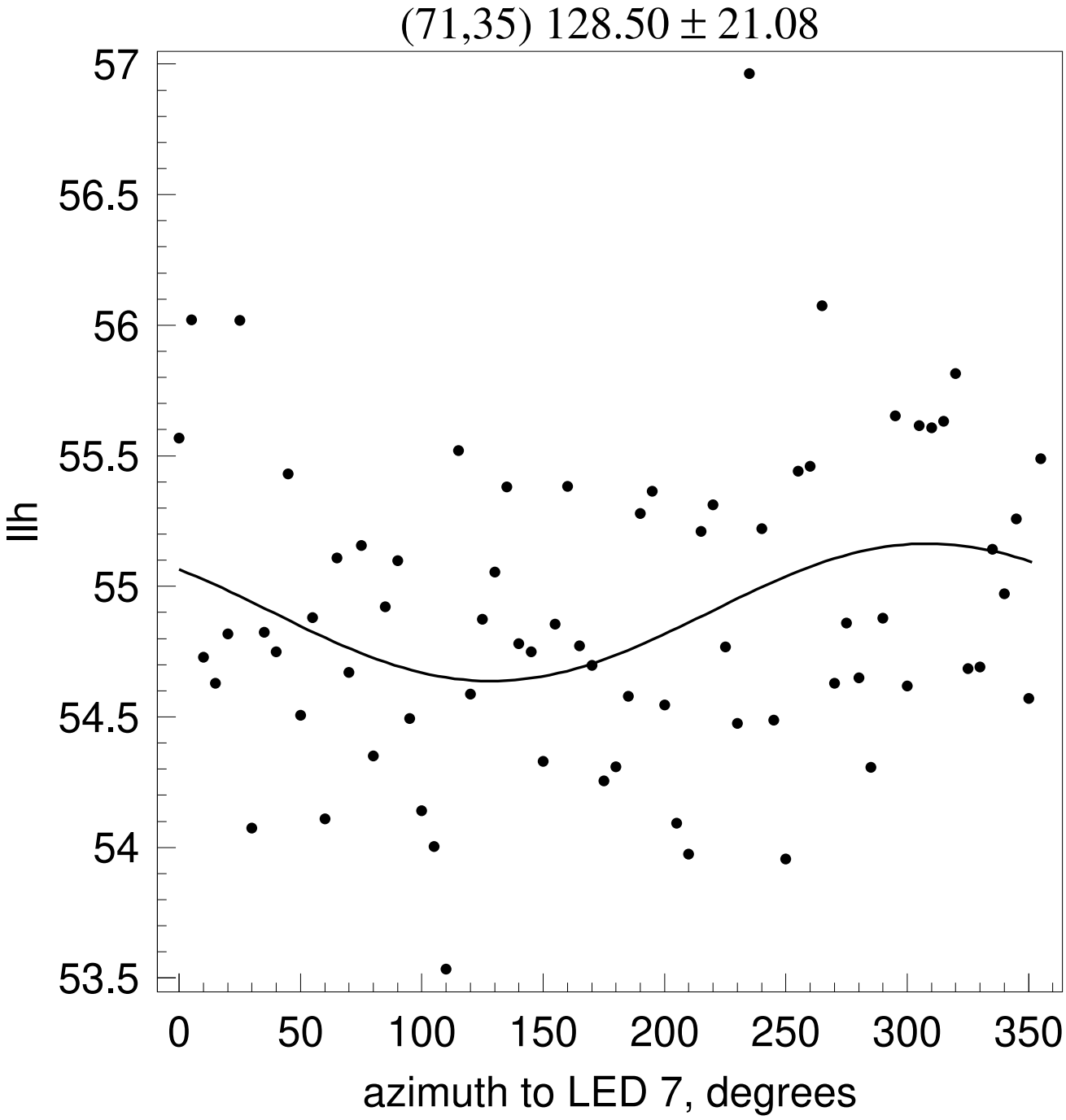

(71,30) 28.66 ± 0.25
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

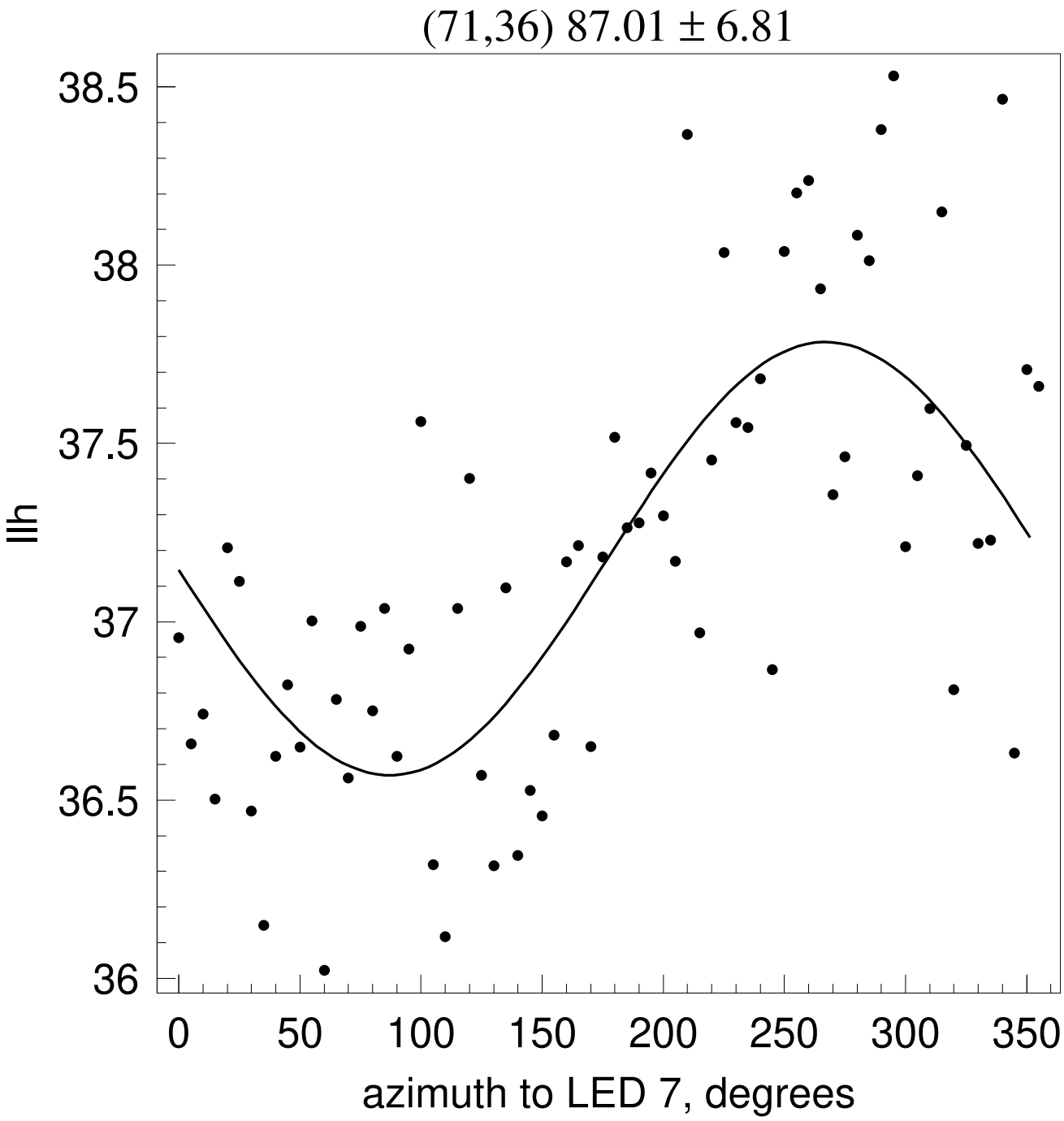

(71,31) 98.97 ± 0.17
55
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

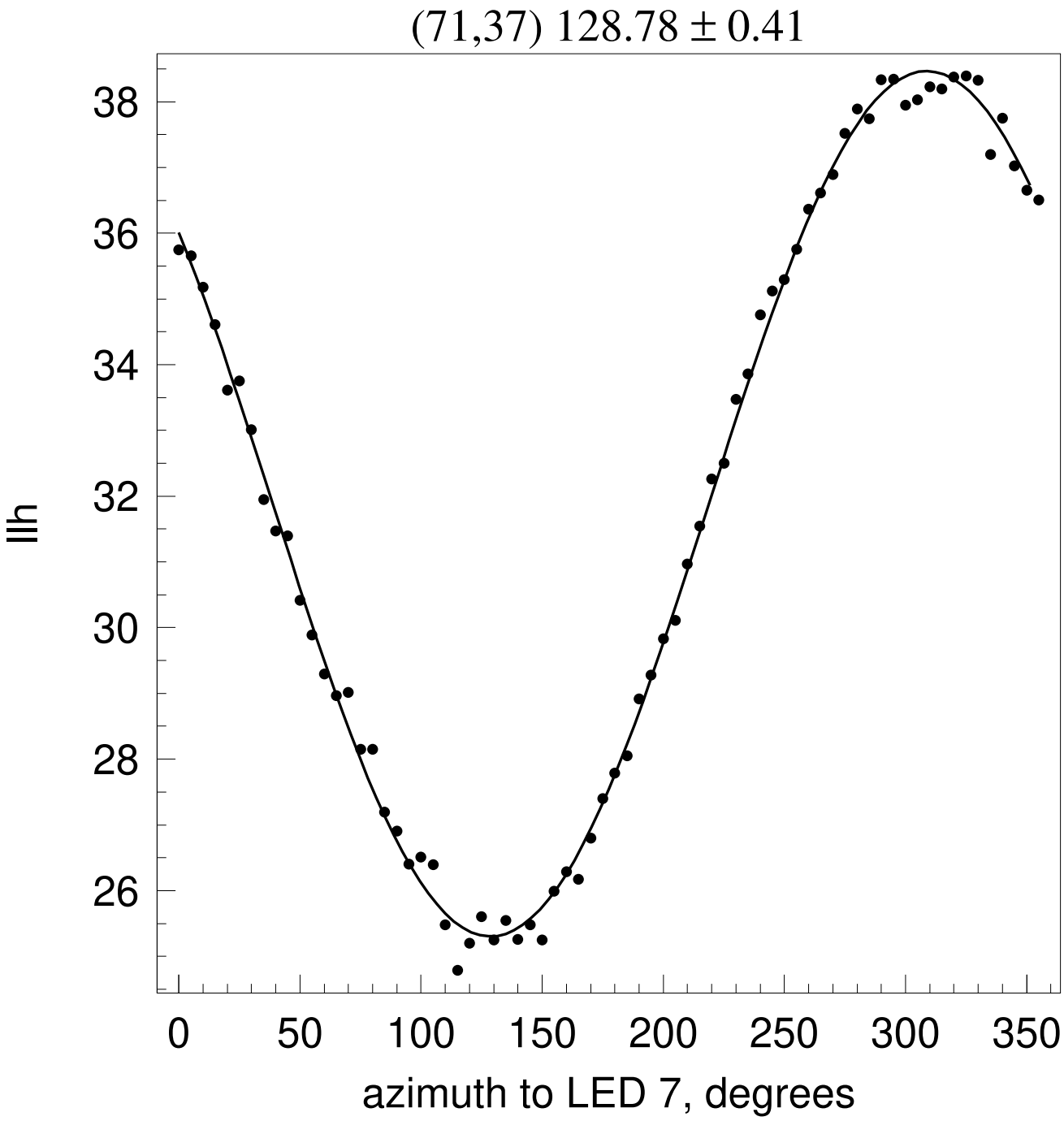

(71,32) 207.14 ± 0.20
32.5
30
27.5
25
22.5
20
17.5
15
12.5
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

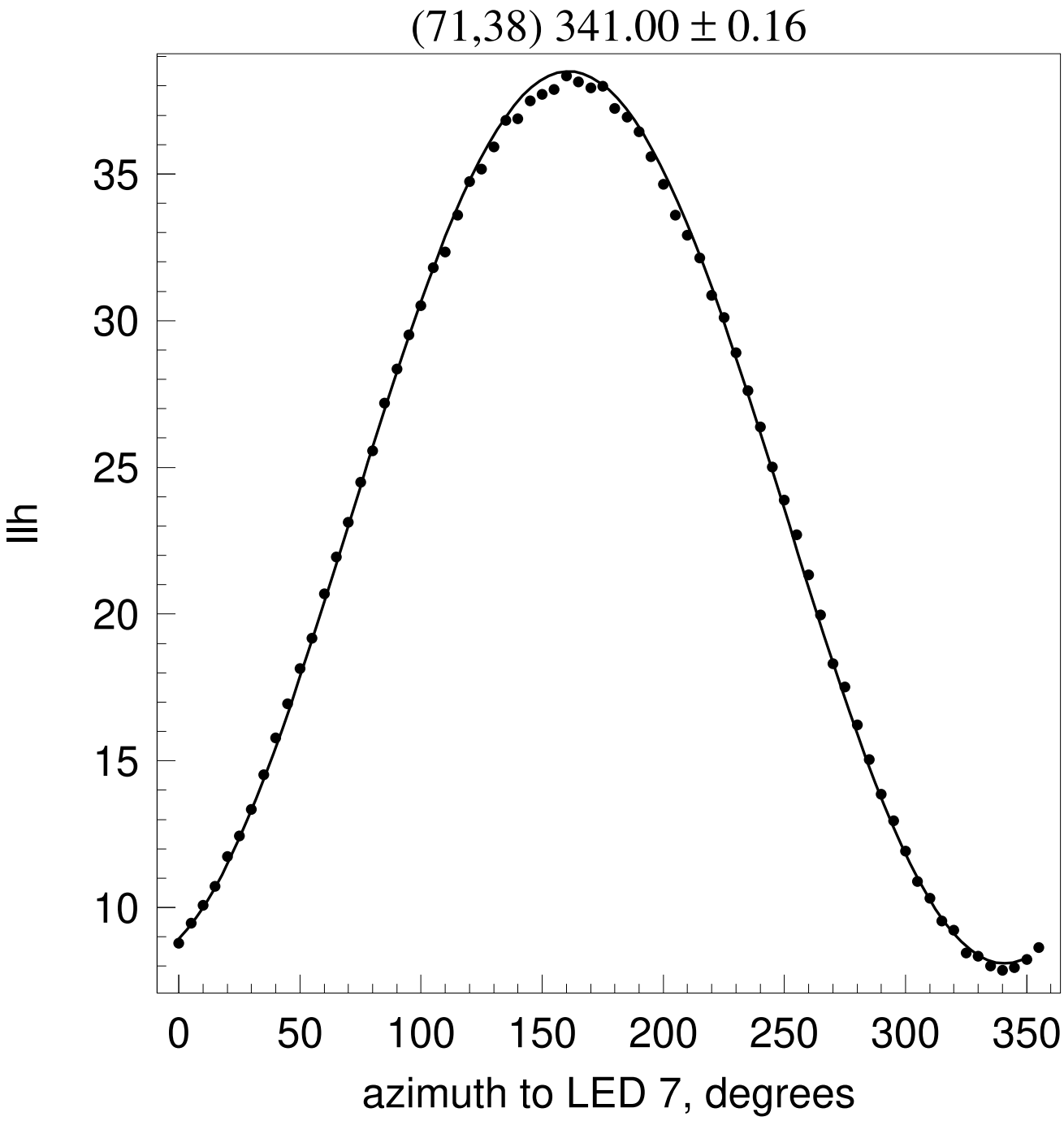

(71,33) 176.28 ± 0.36
46
44
42
40
38
36
34
32
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

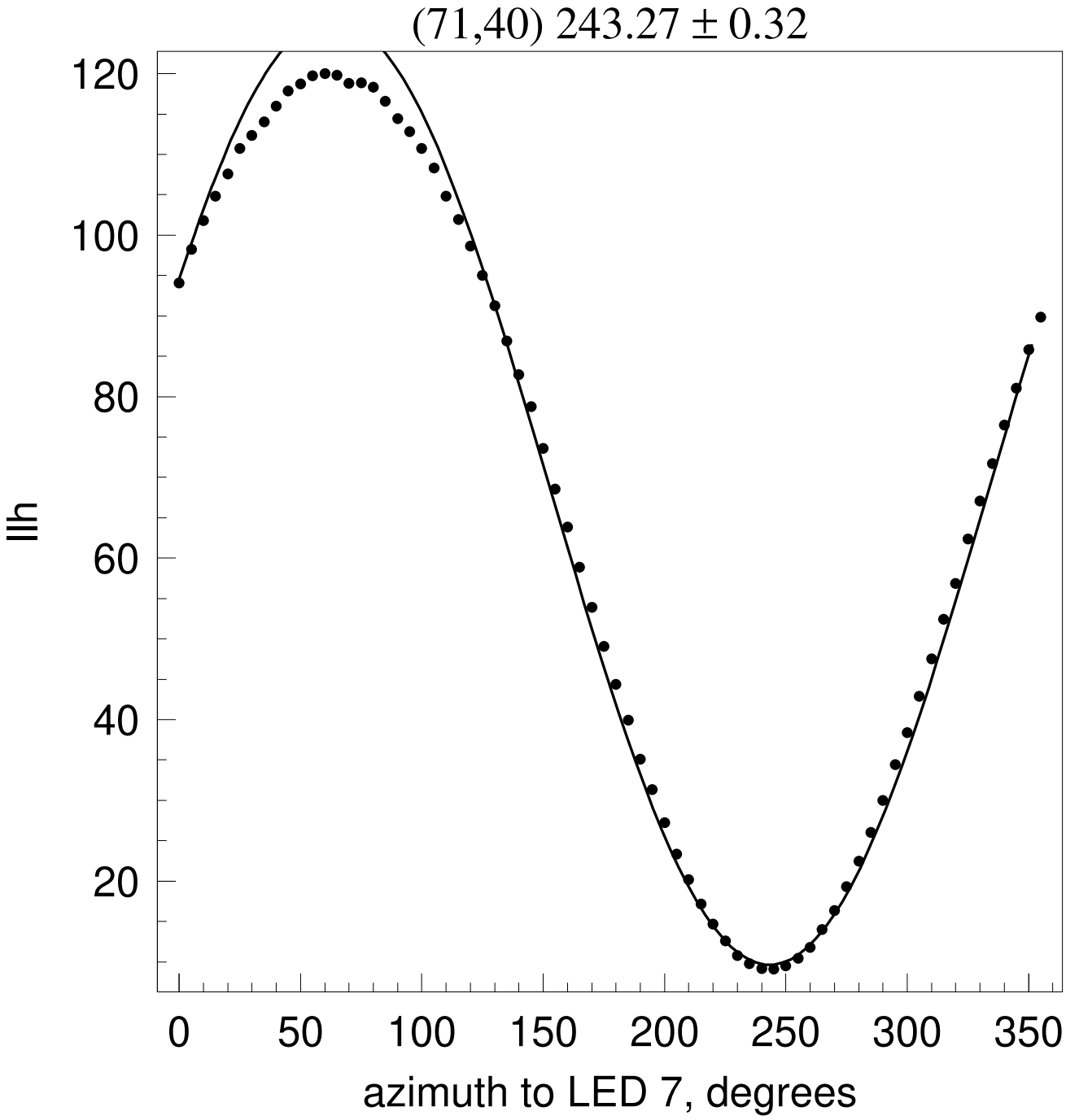

(71,34) 27.03 ± 0.79
48
46
44
42
40
38
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

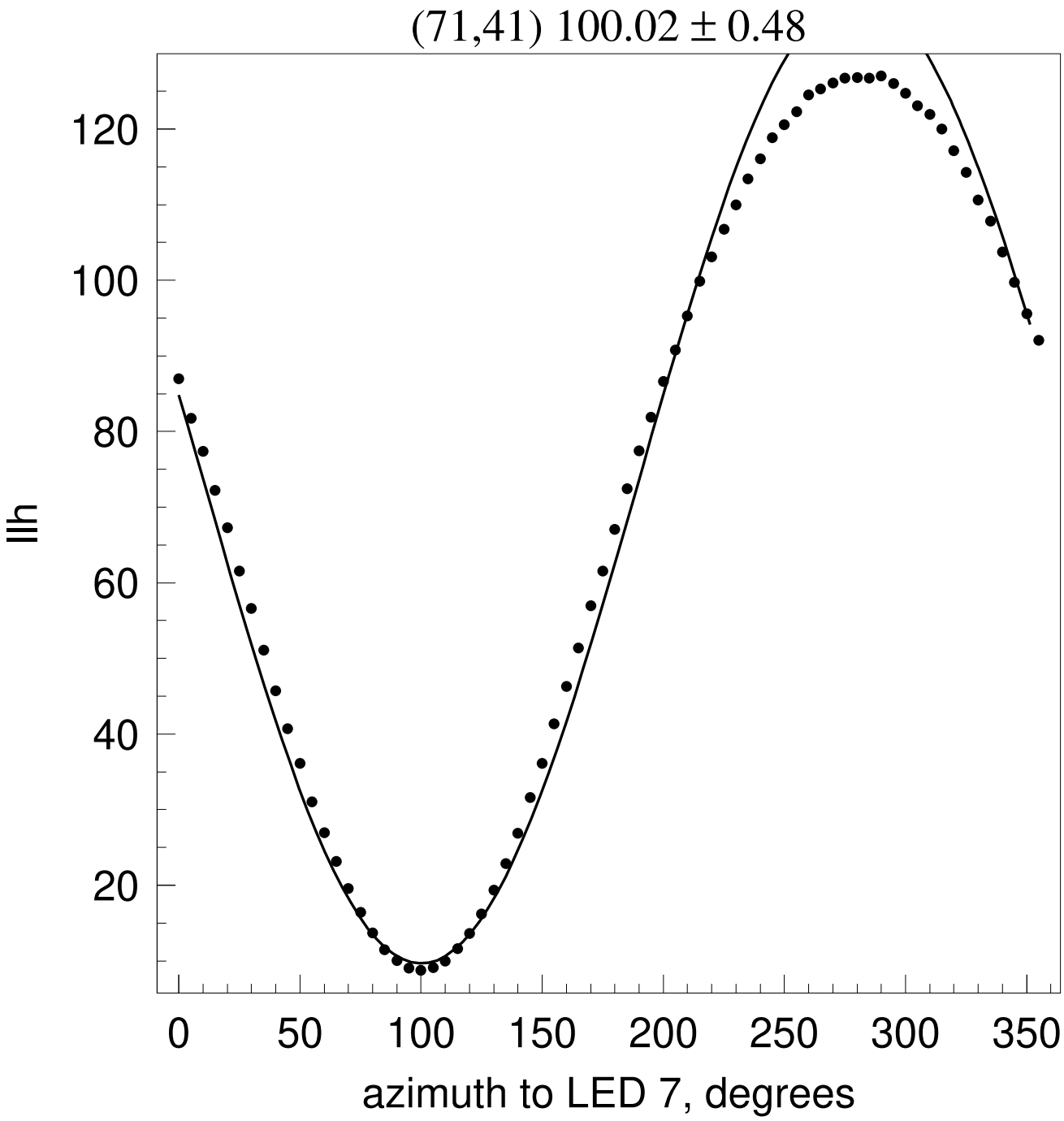

(71,35) 128.50 ± 21.08
57
56.5
56
55.5
55
54.5
54
53.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

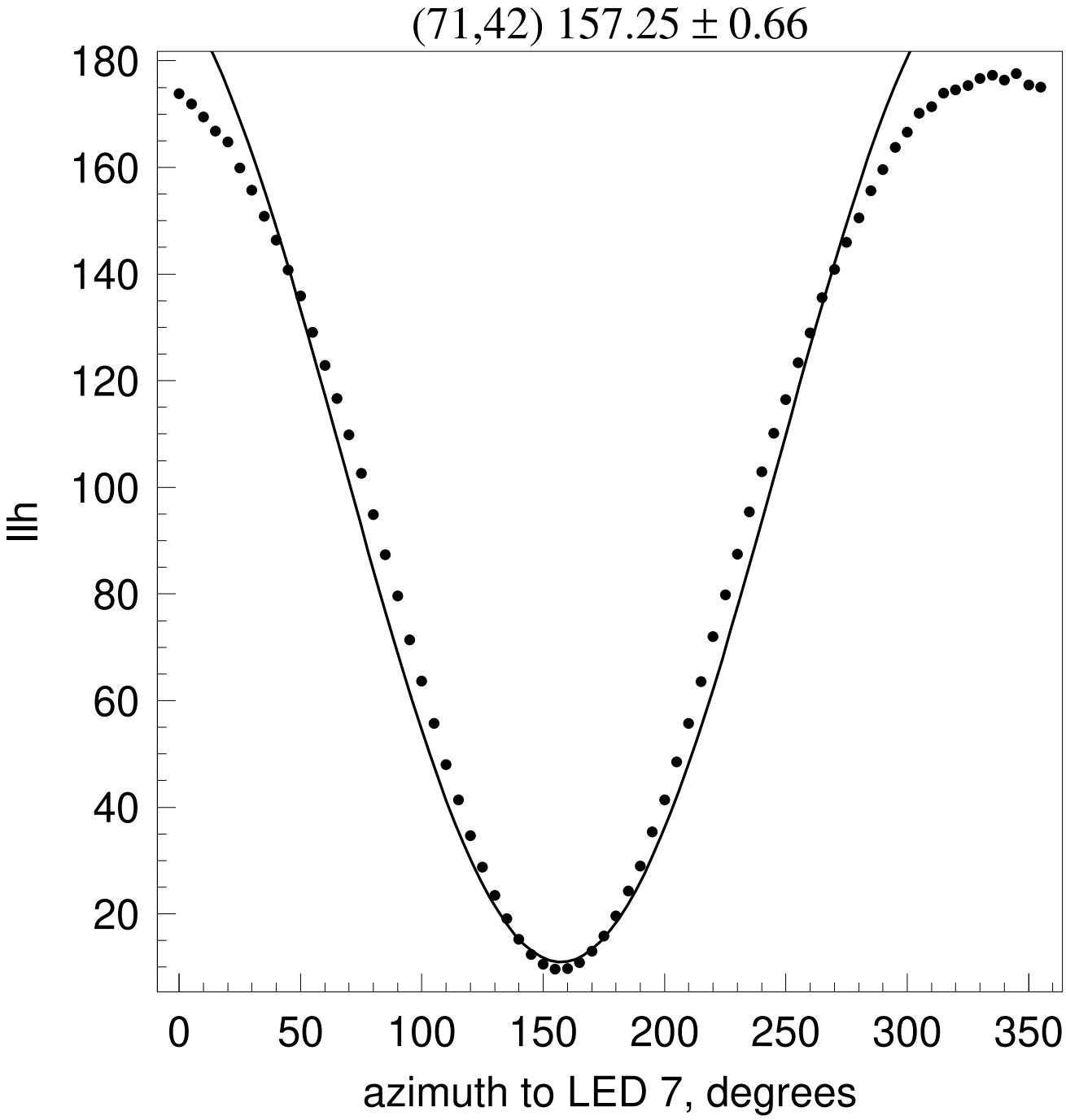

(71,36) 87.01 ± 6.81
38.5
38
37.5
37
36.5
36
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

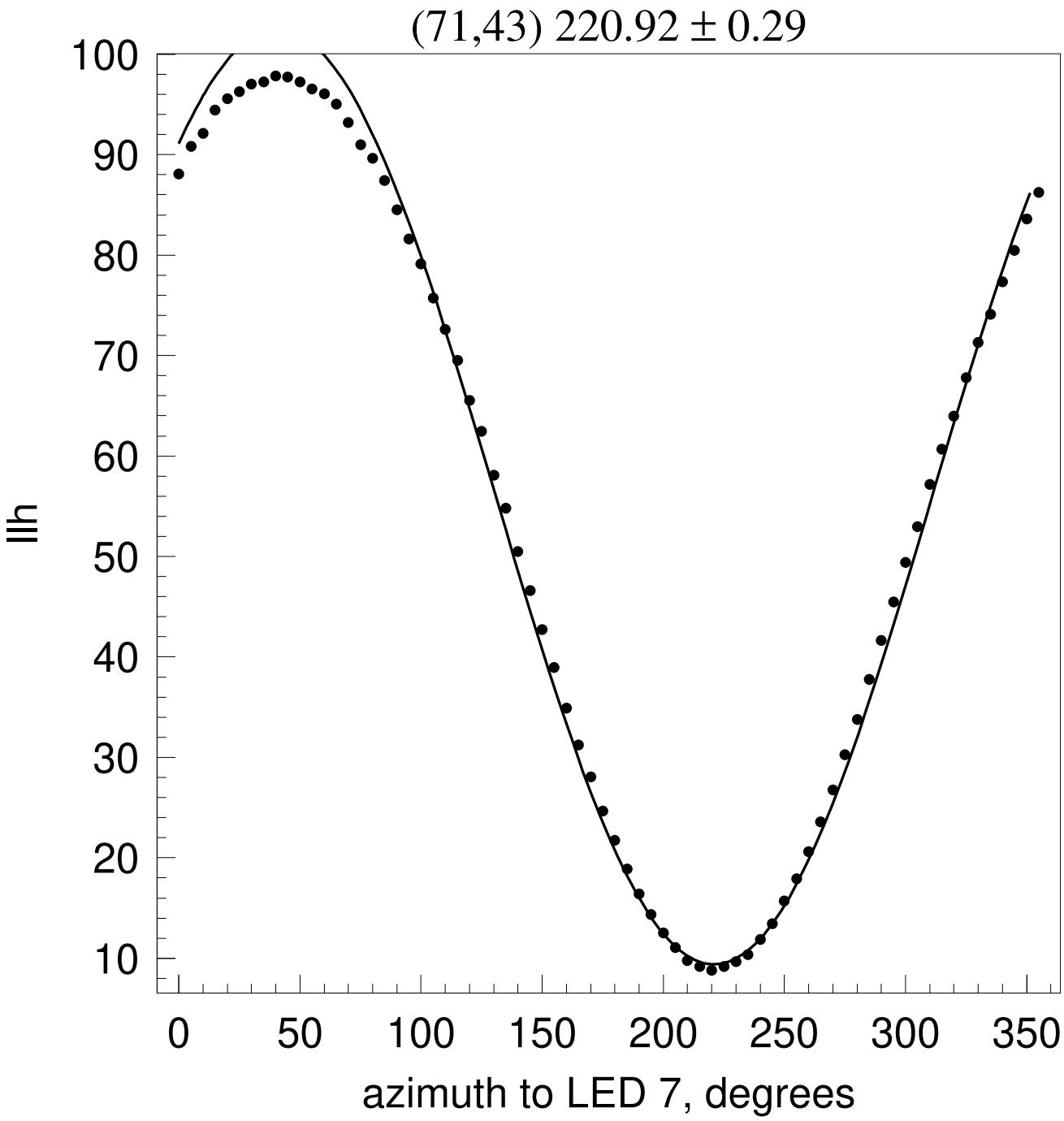

(71,37) 128.78 ± 0.41
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

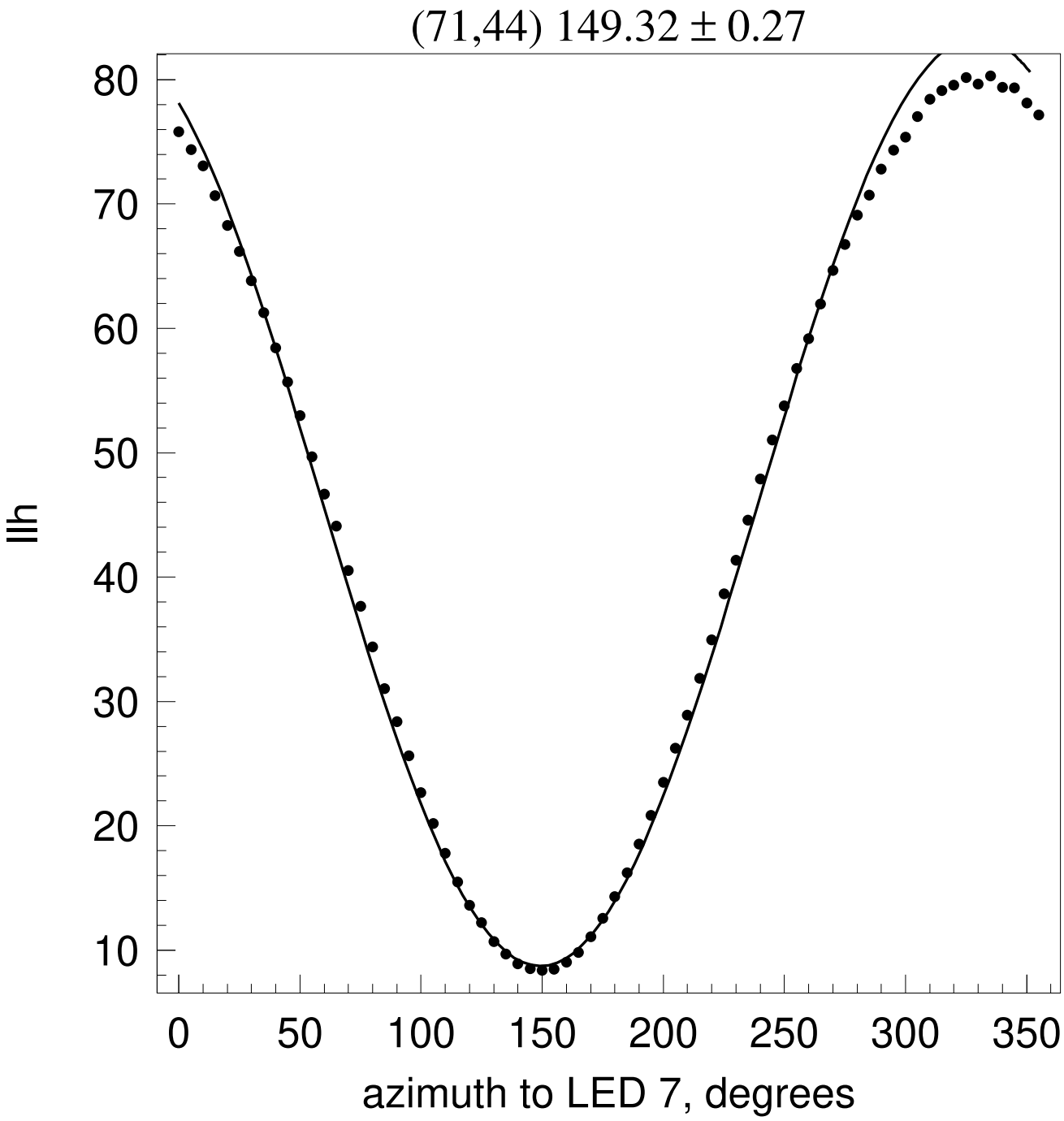

(71,38) 341.00 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

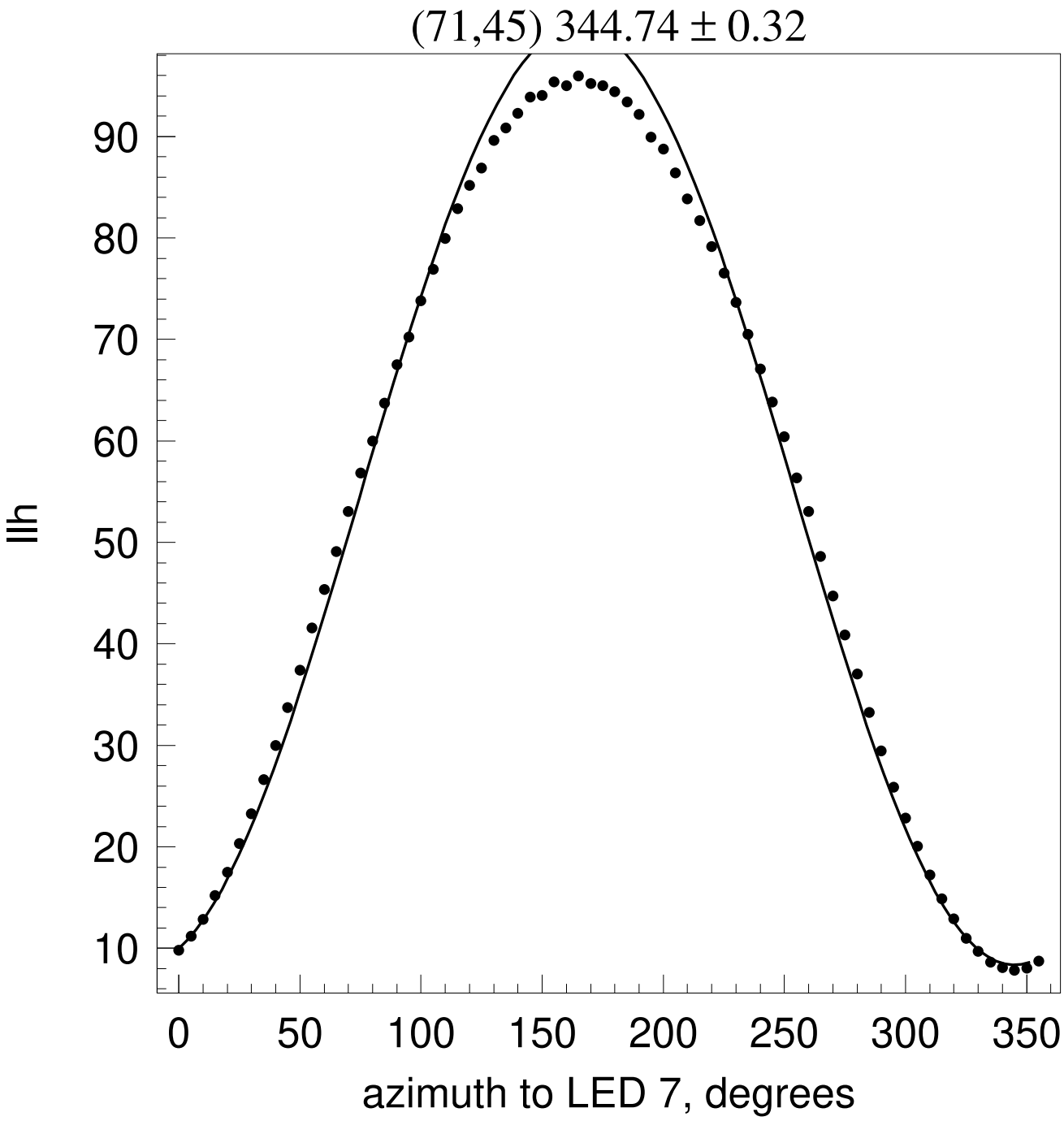

(71,40) 243.27 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

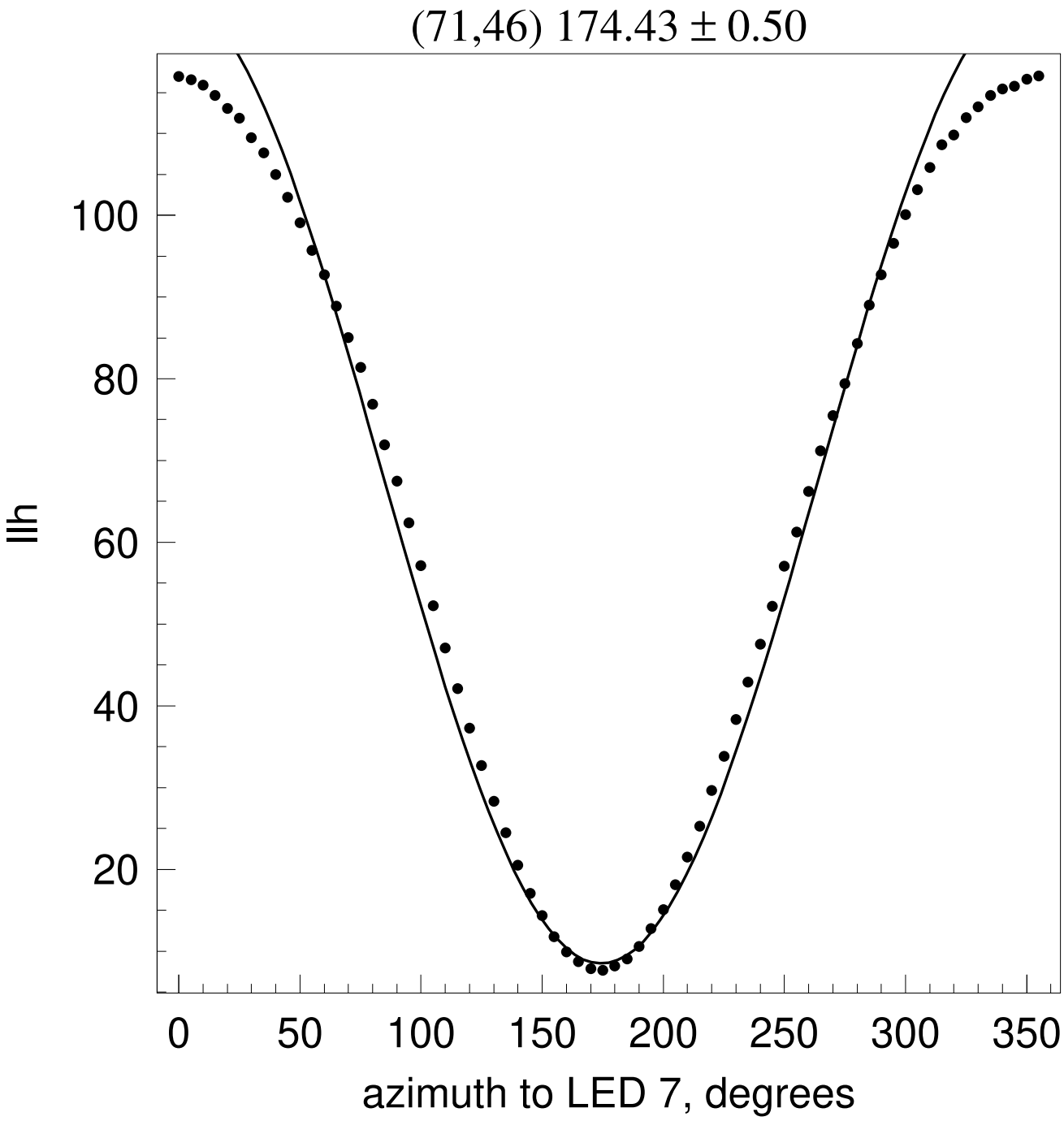

(71,41) 100.02 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

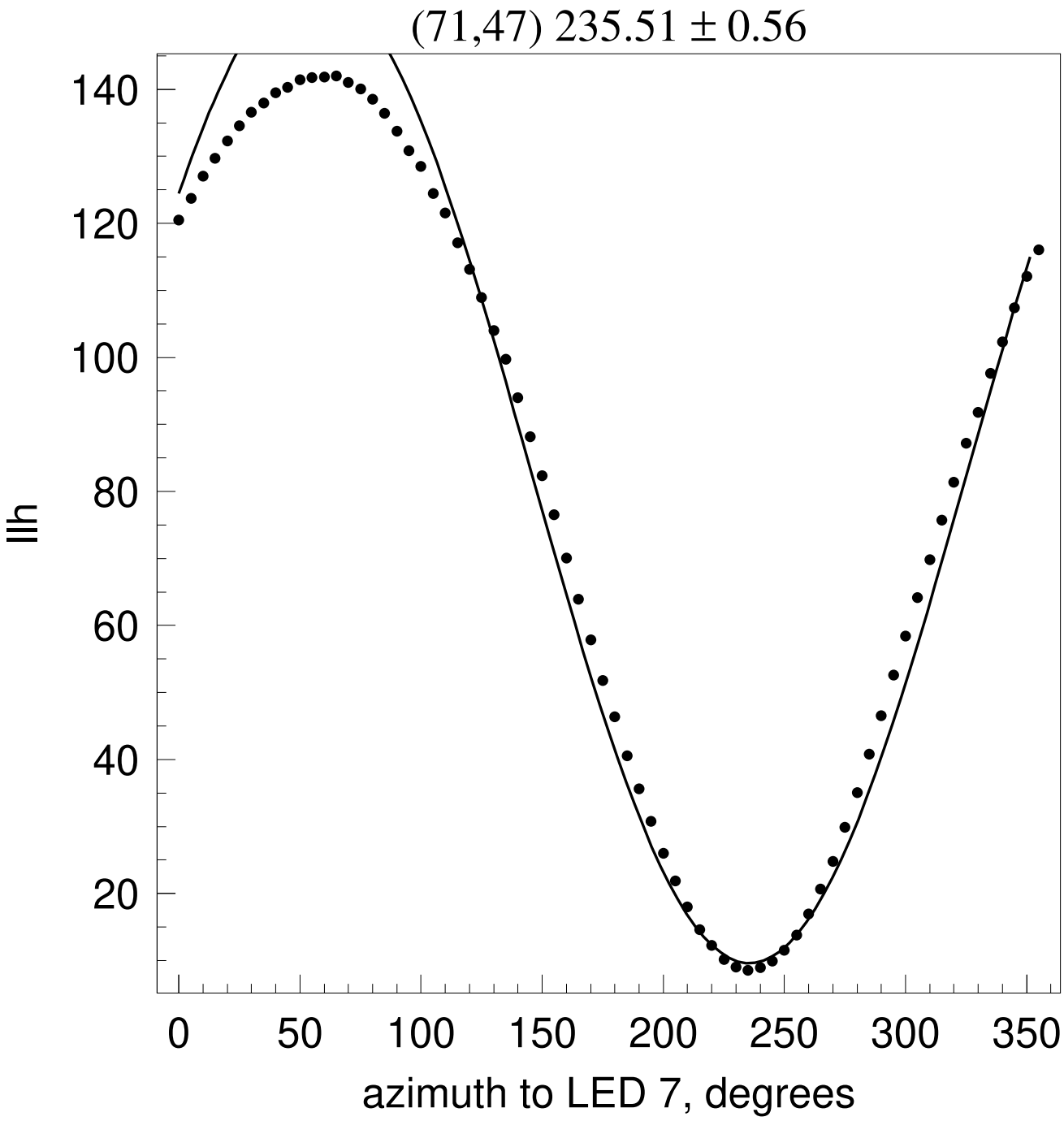

(71,42) 157.25 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

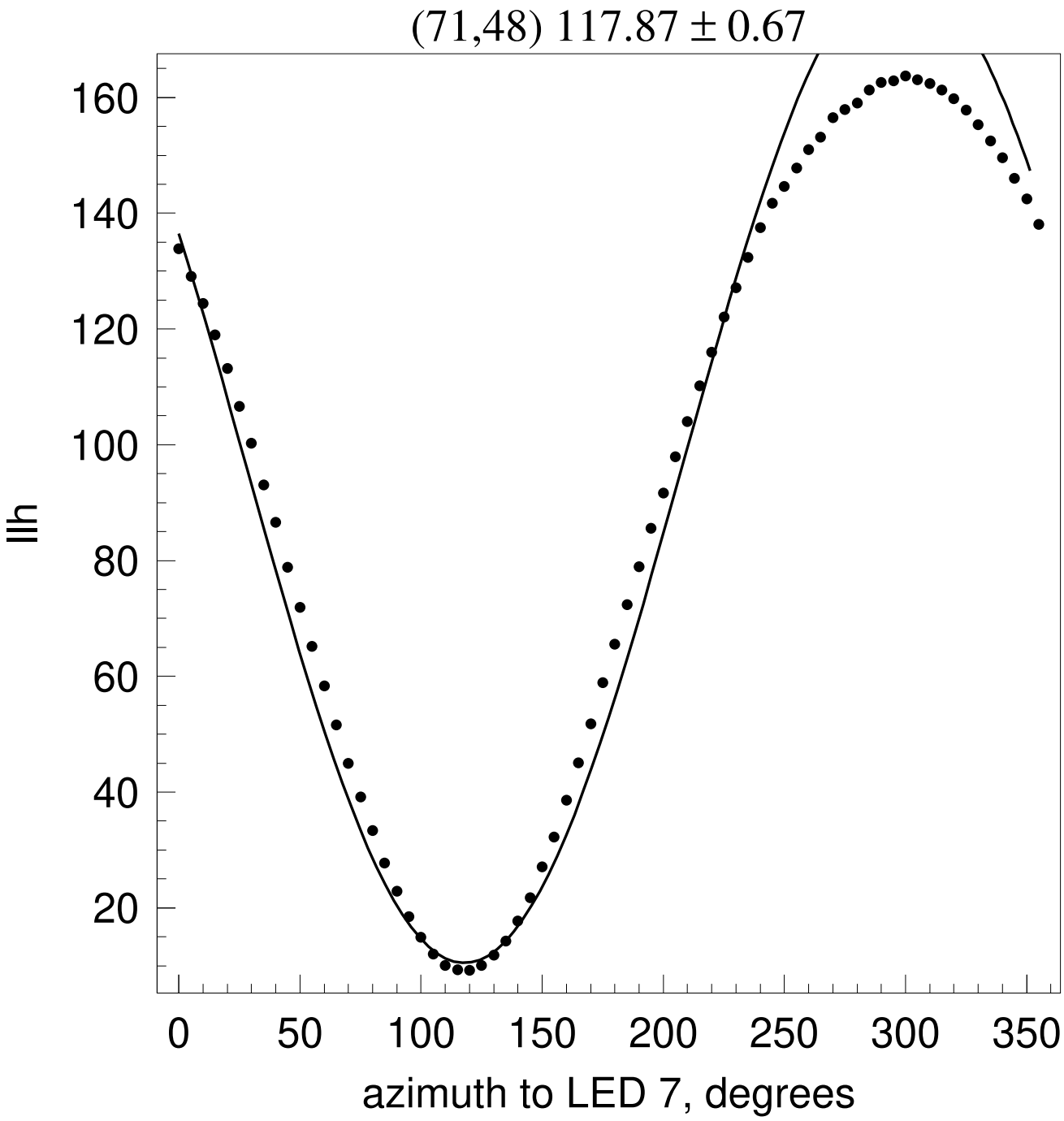

(71,43) 220.92 ± 0.29
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

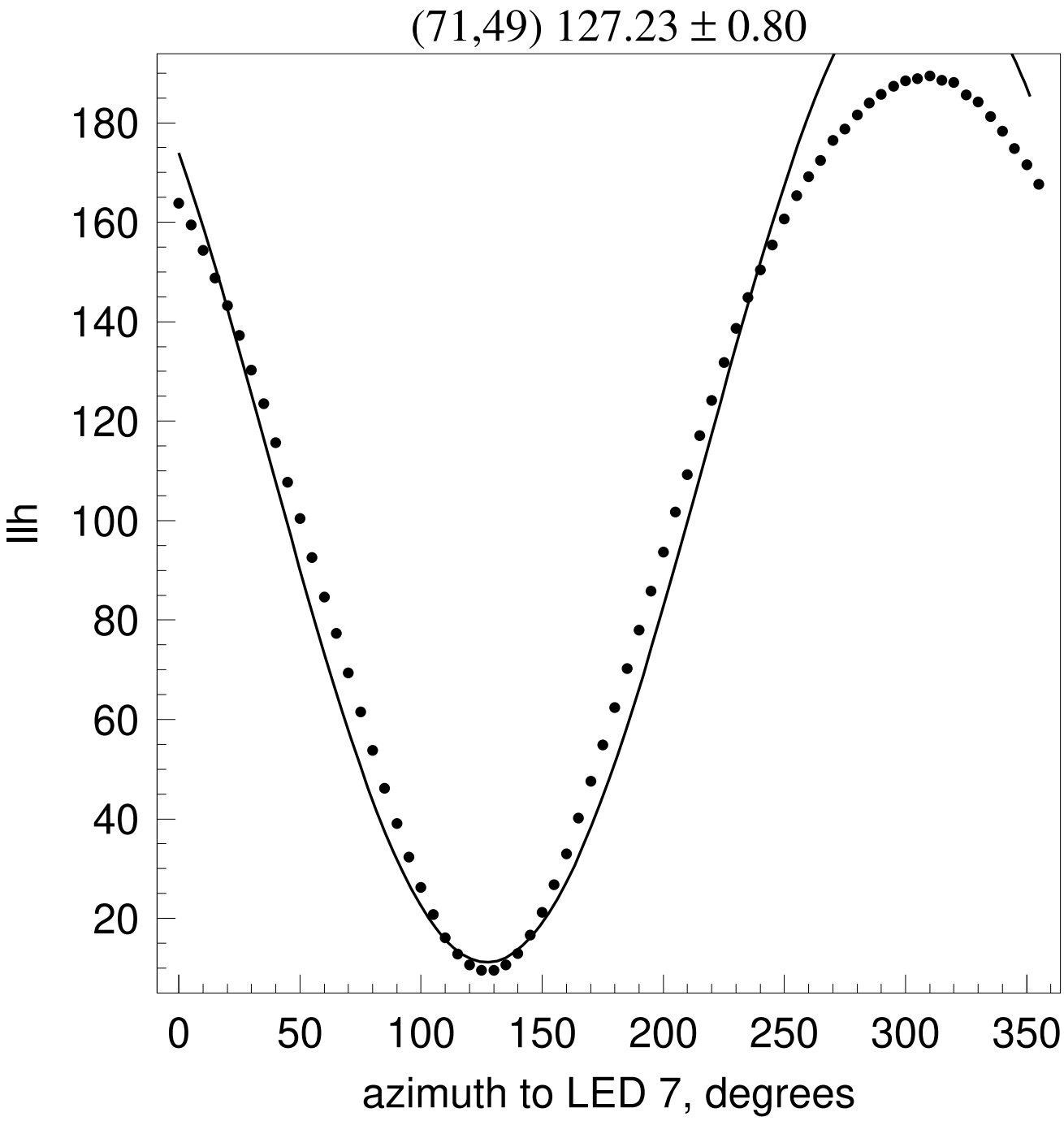

(71,44) 149.32 ± 0.27
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

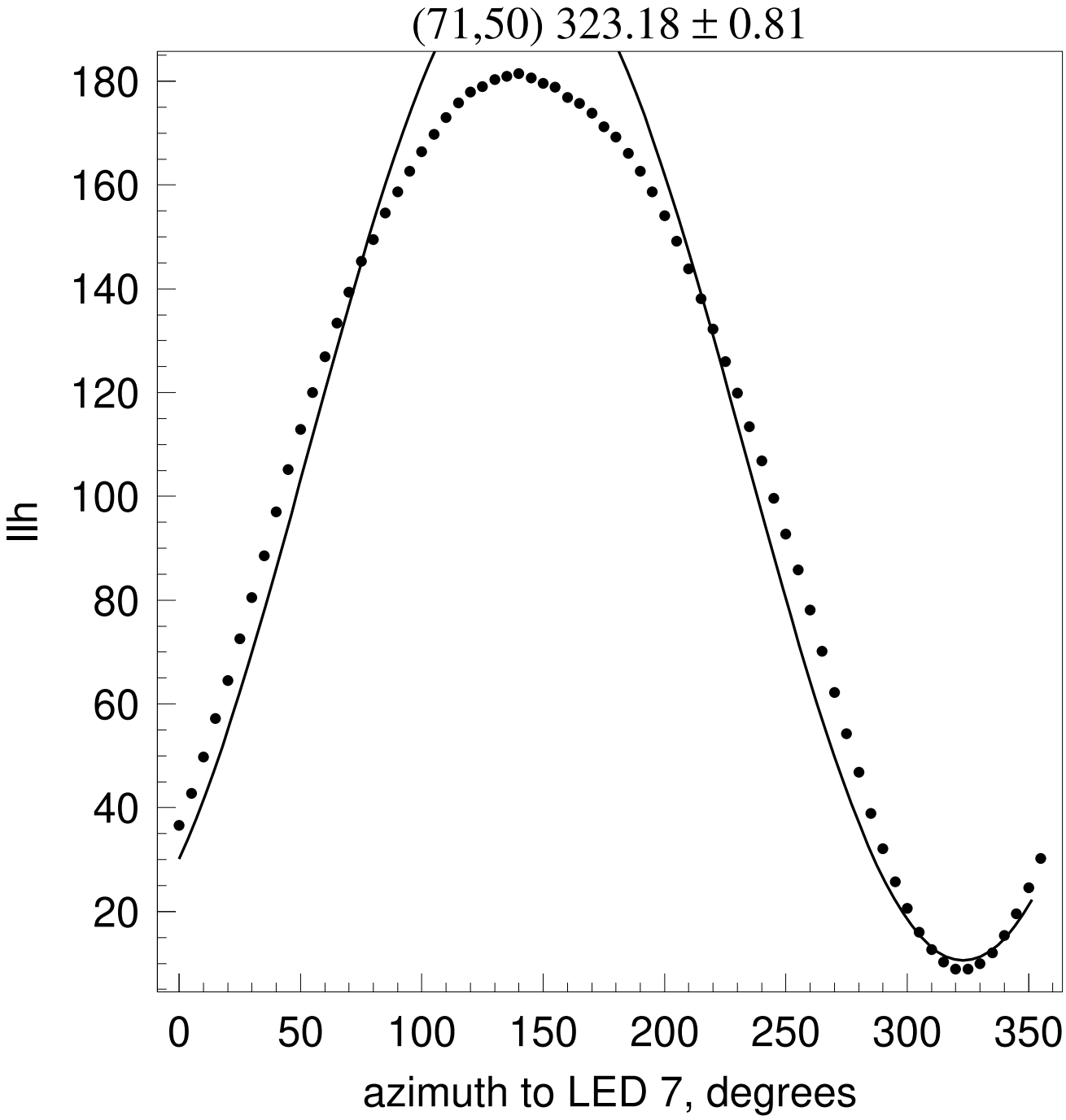

(71,45) 344.74 ± 0.32
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

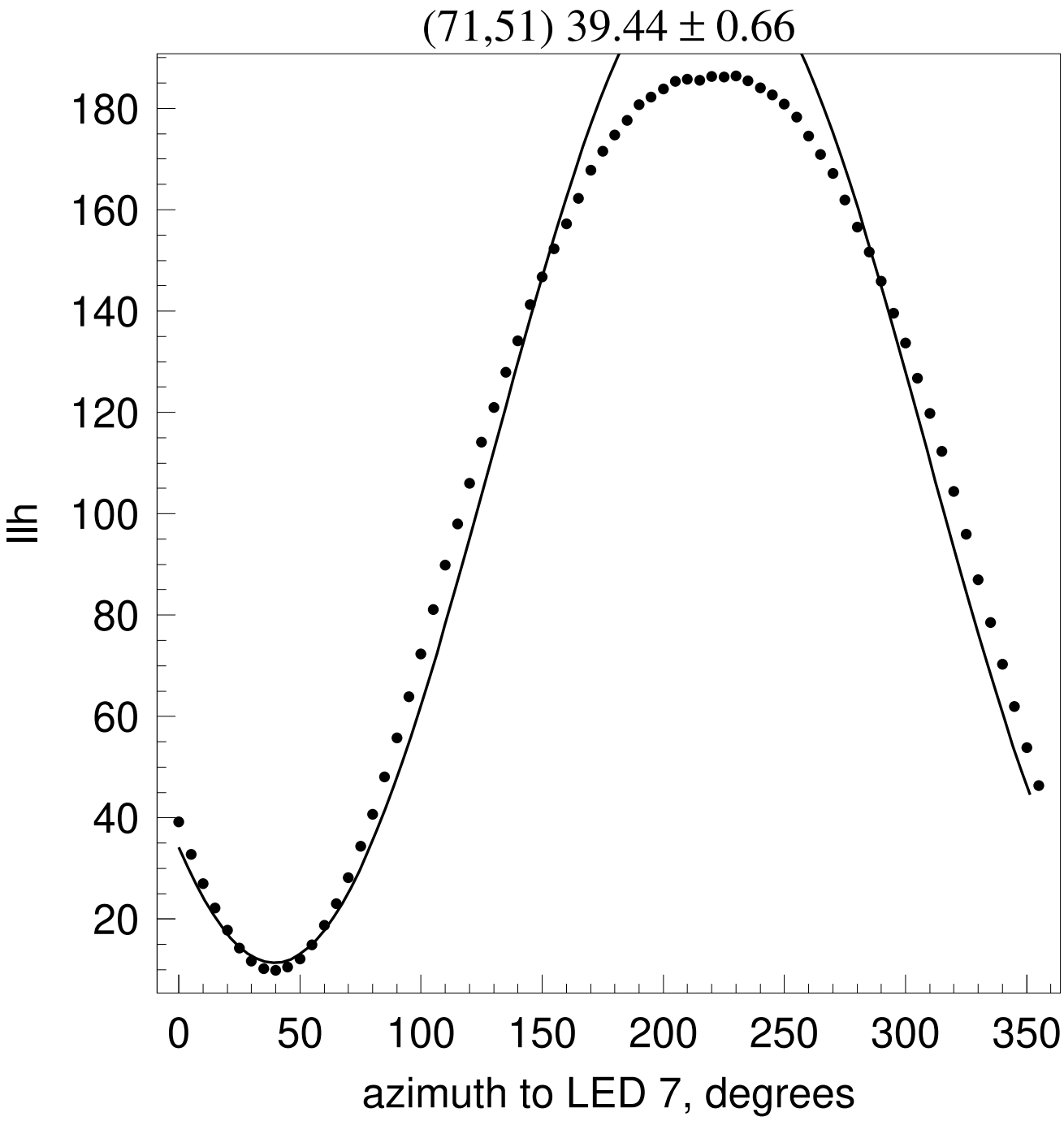

(71,46) 174.43 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

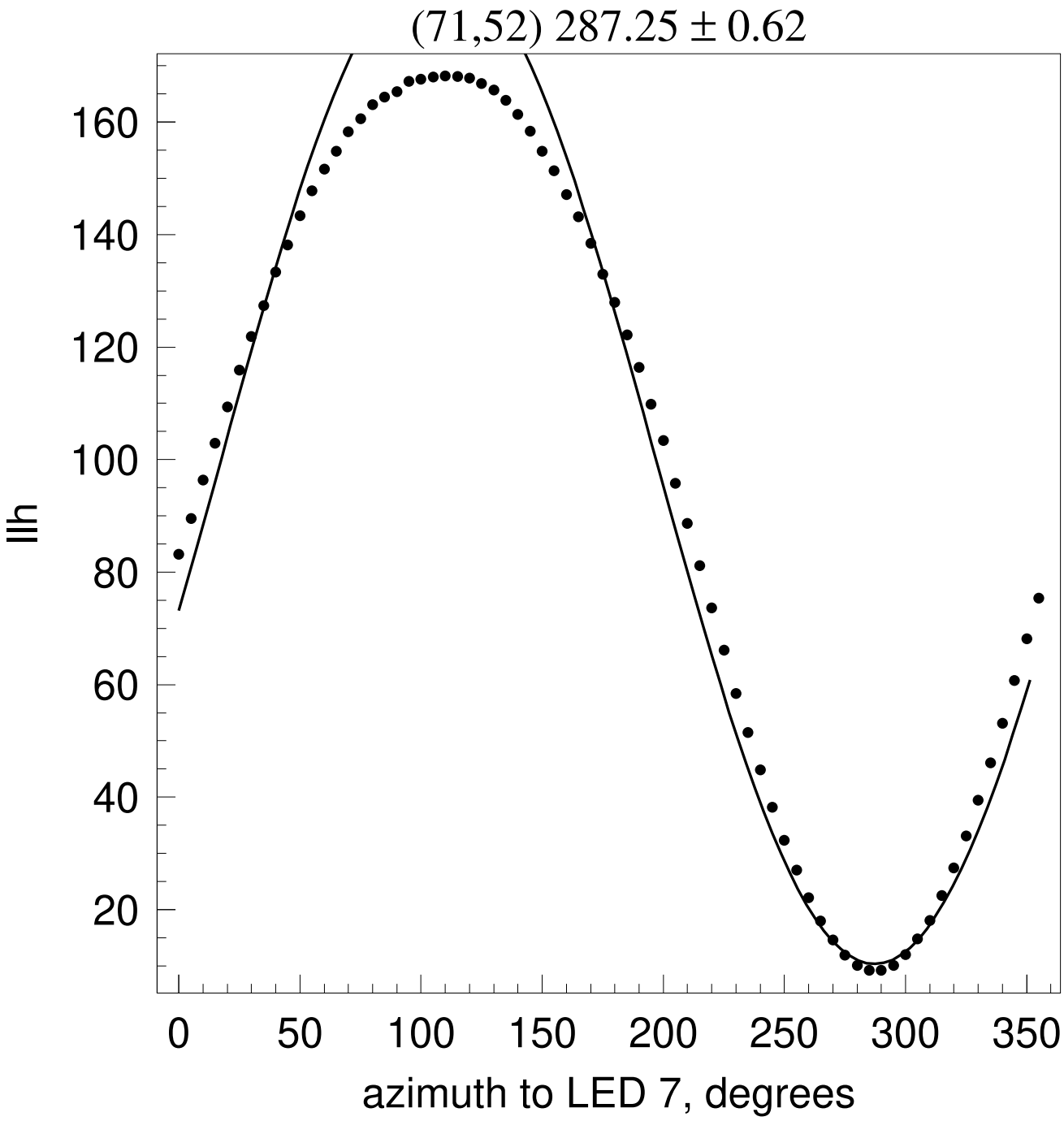

(71,47) 235.51 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

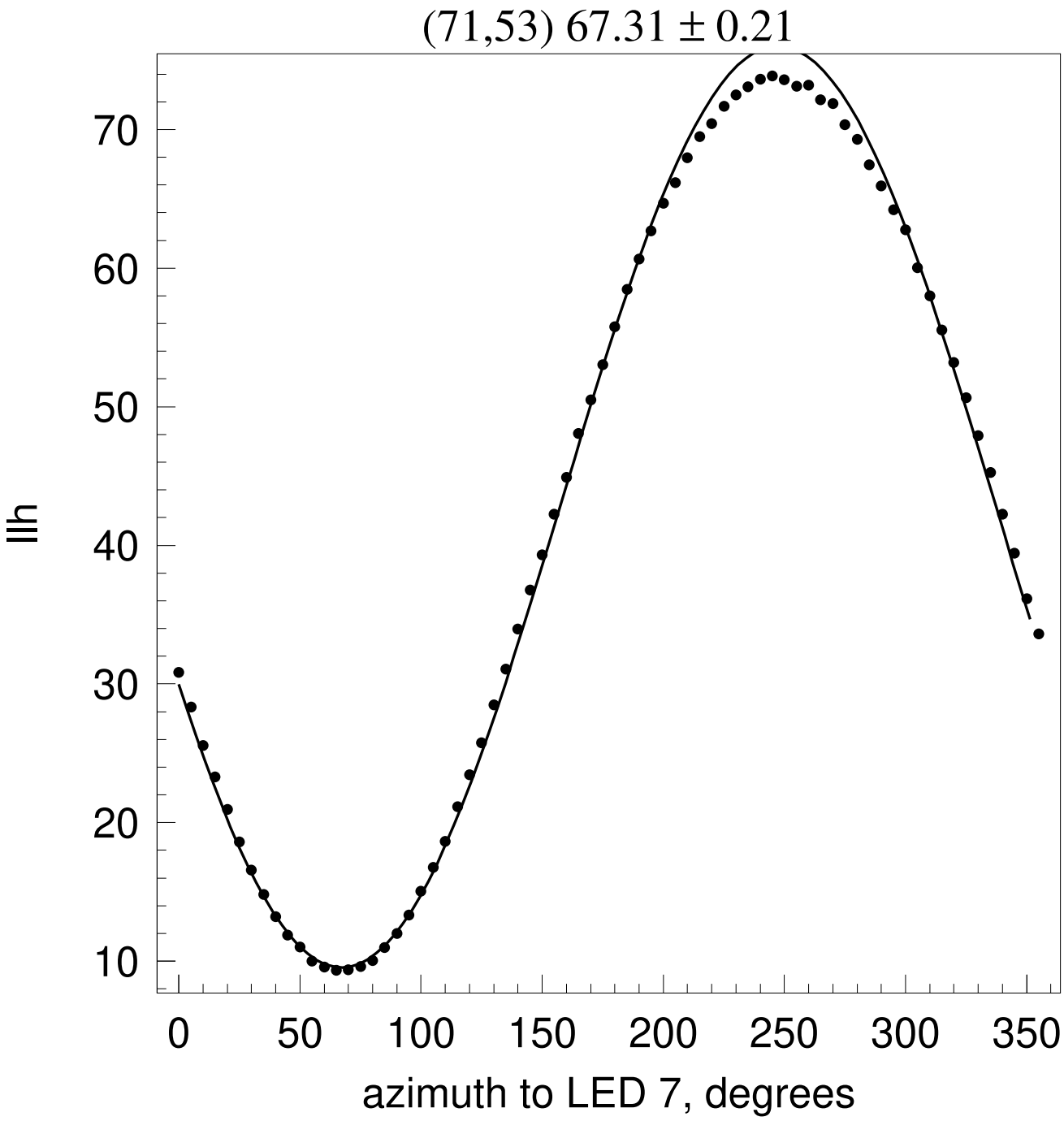

(71,48) 117.87 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

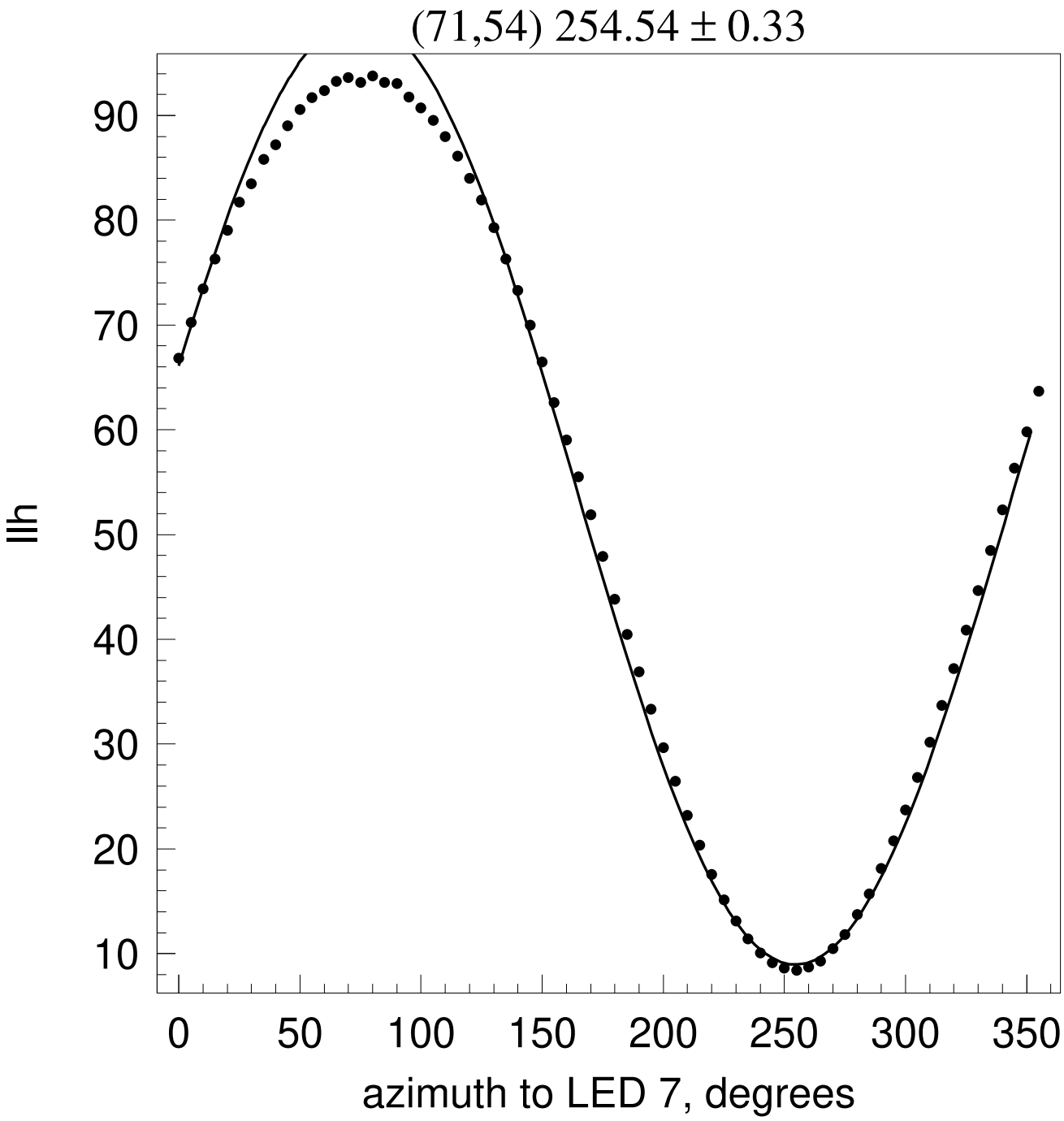

(71,49) 127.23 ± 0.80
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

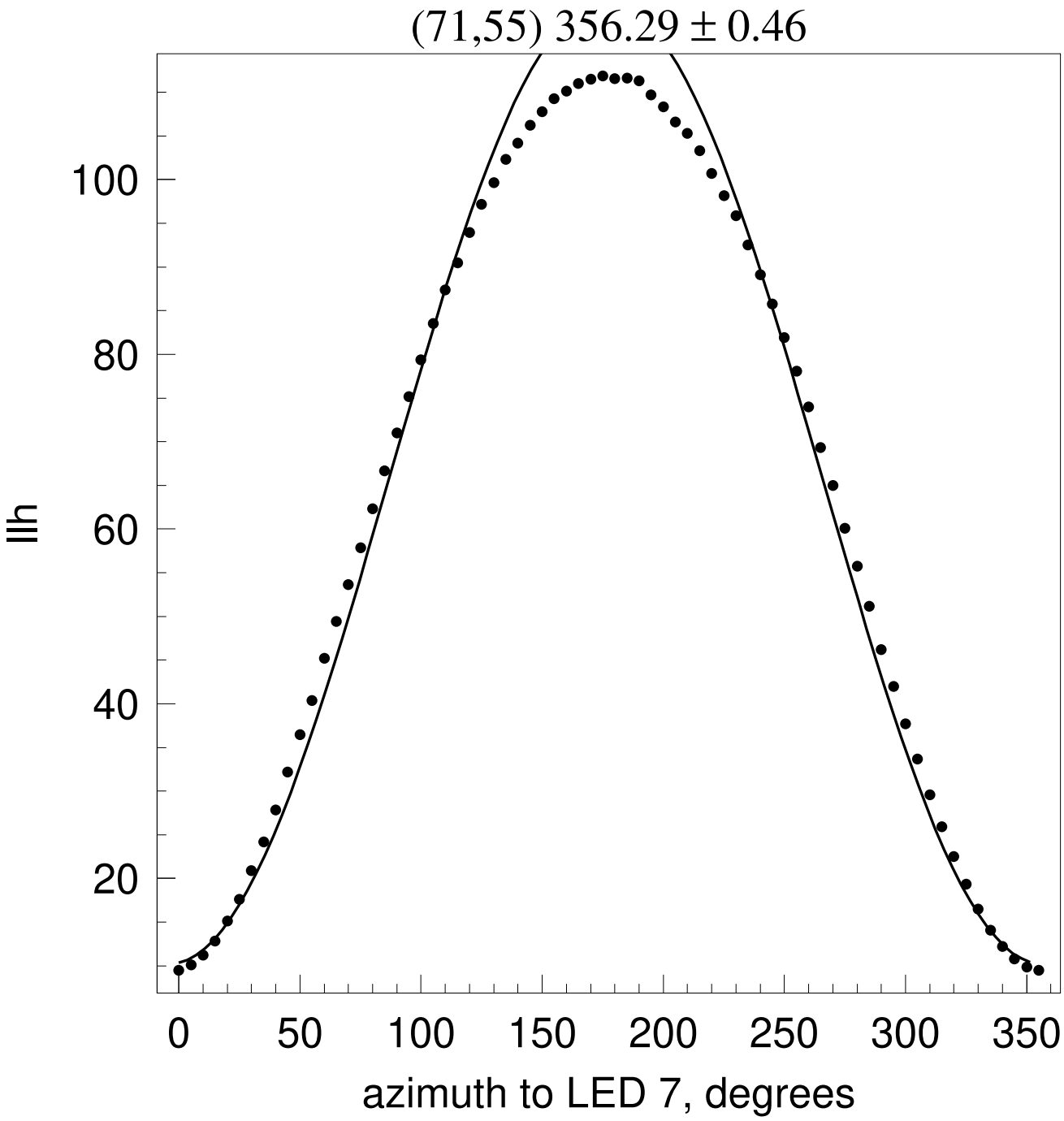

(71,50) 323.18 ± 0.81
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

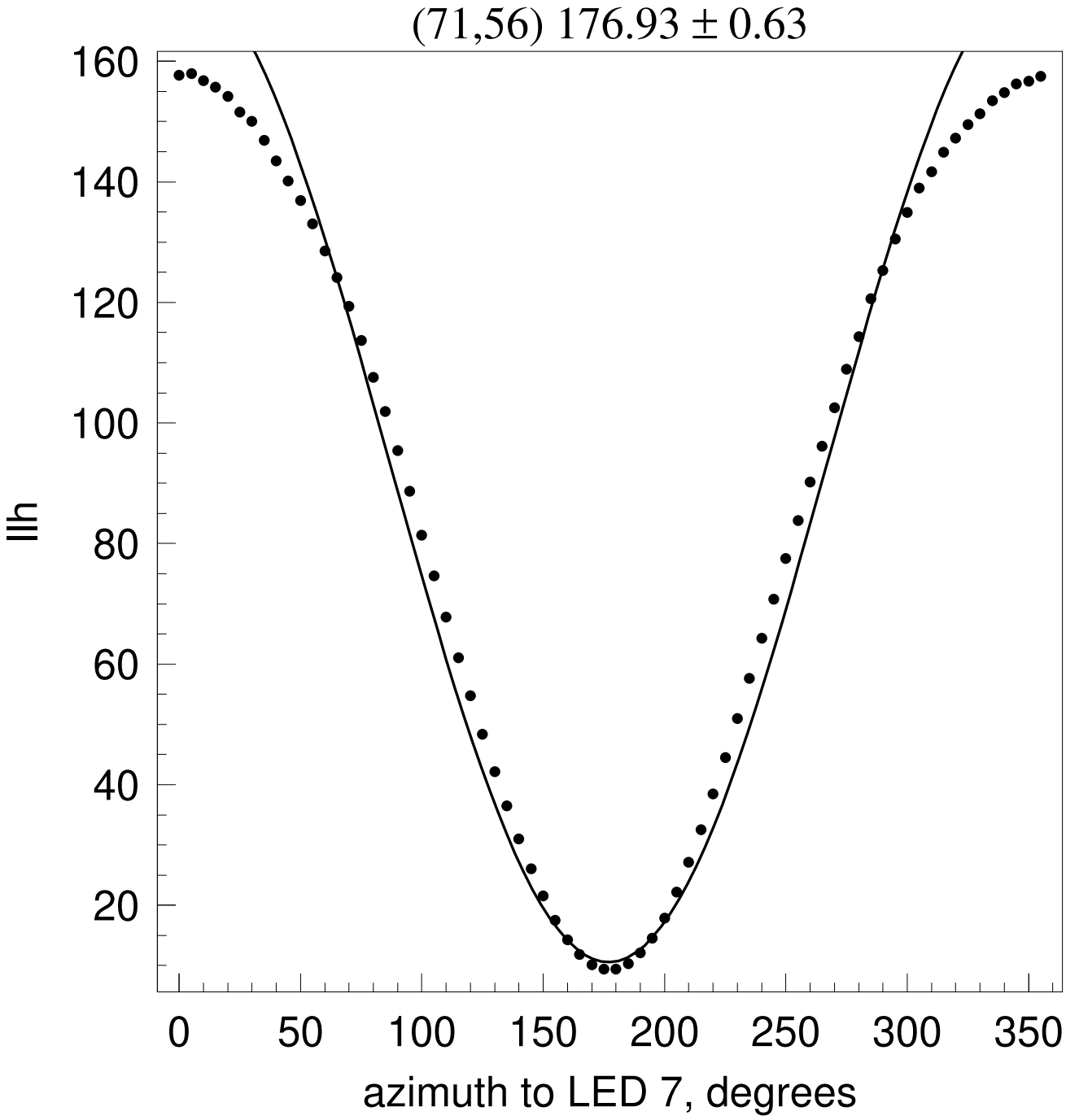

(71,51) 39.44 ± 0.66
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

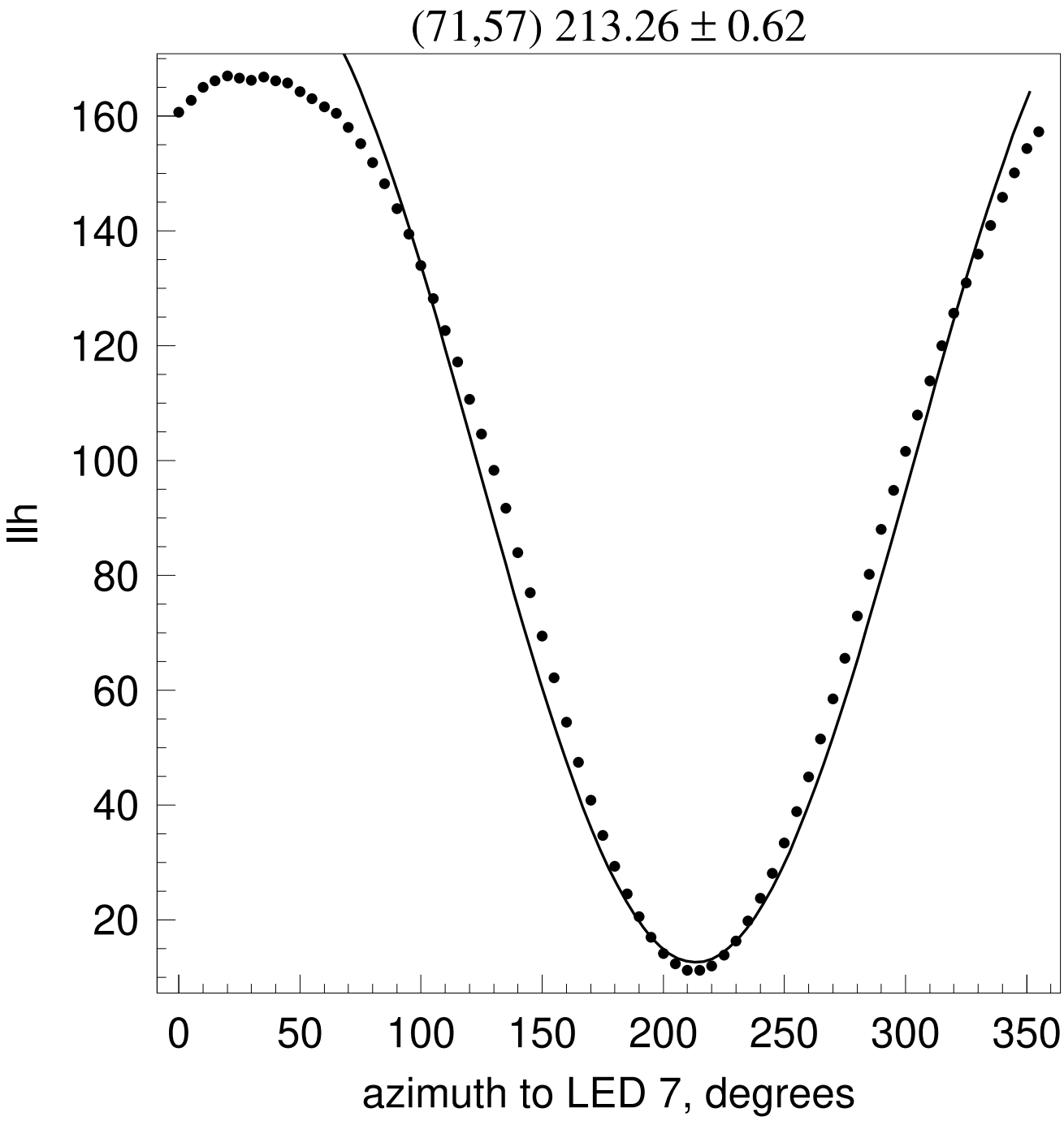

(71,52) 287.25 ± 0.62
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

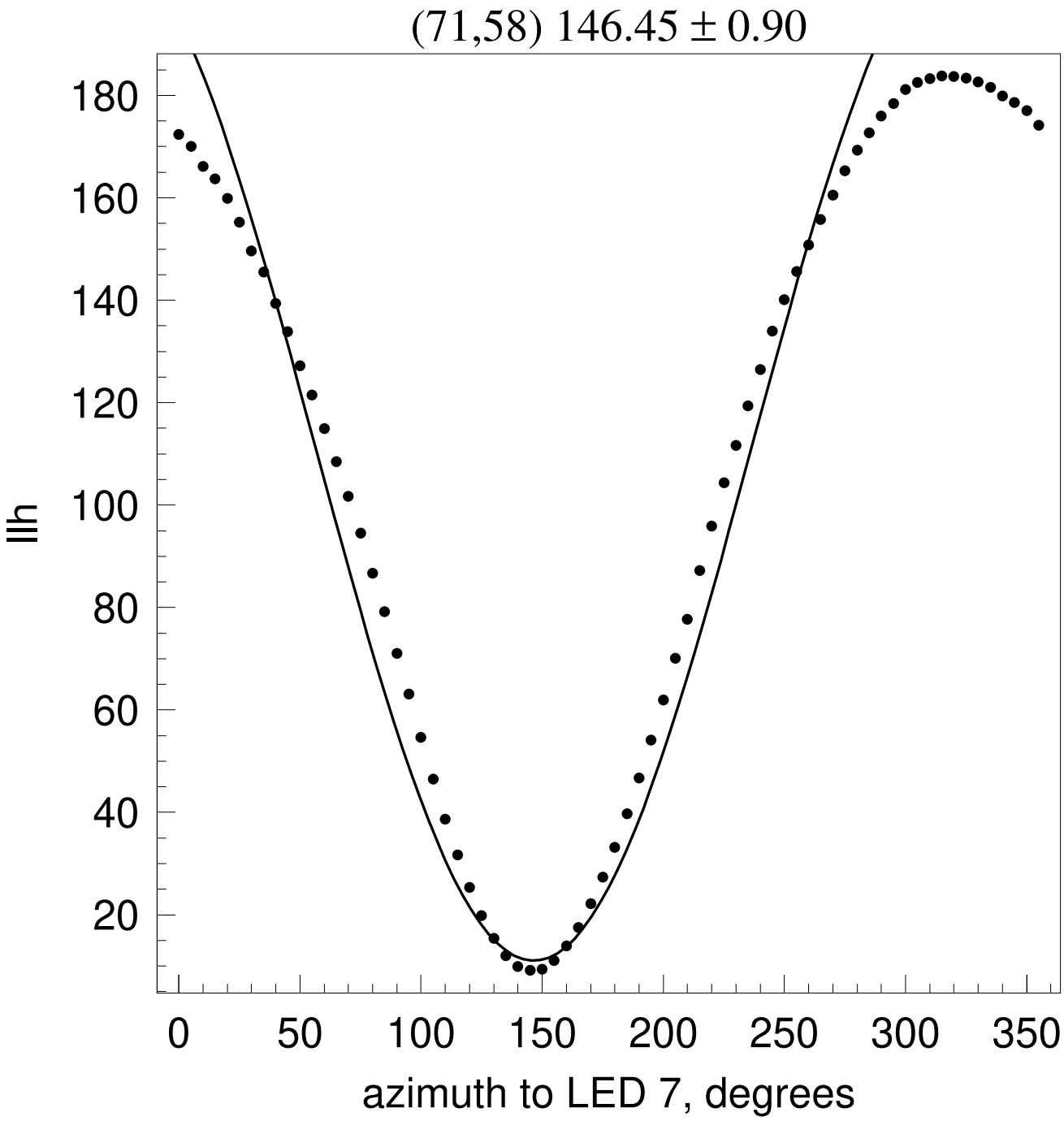

(71,53) 67.31 ± 0.21
llh
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

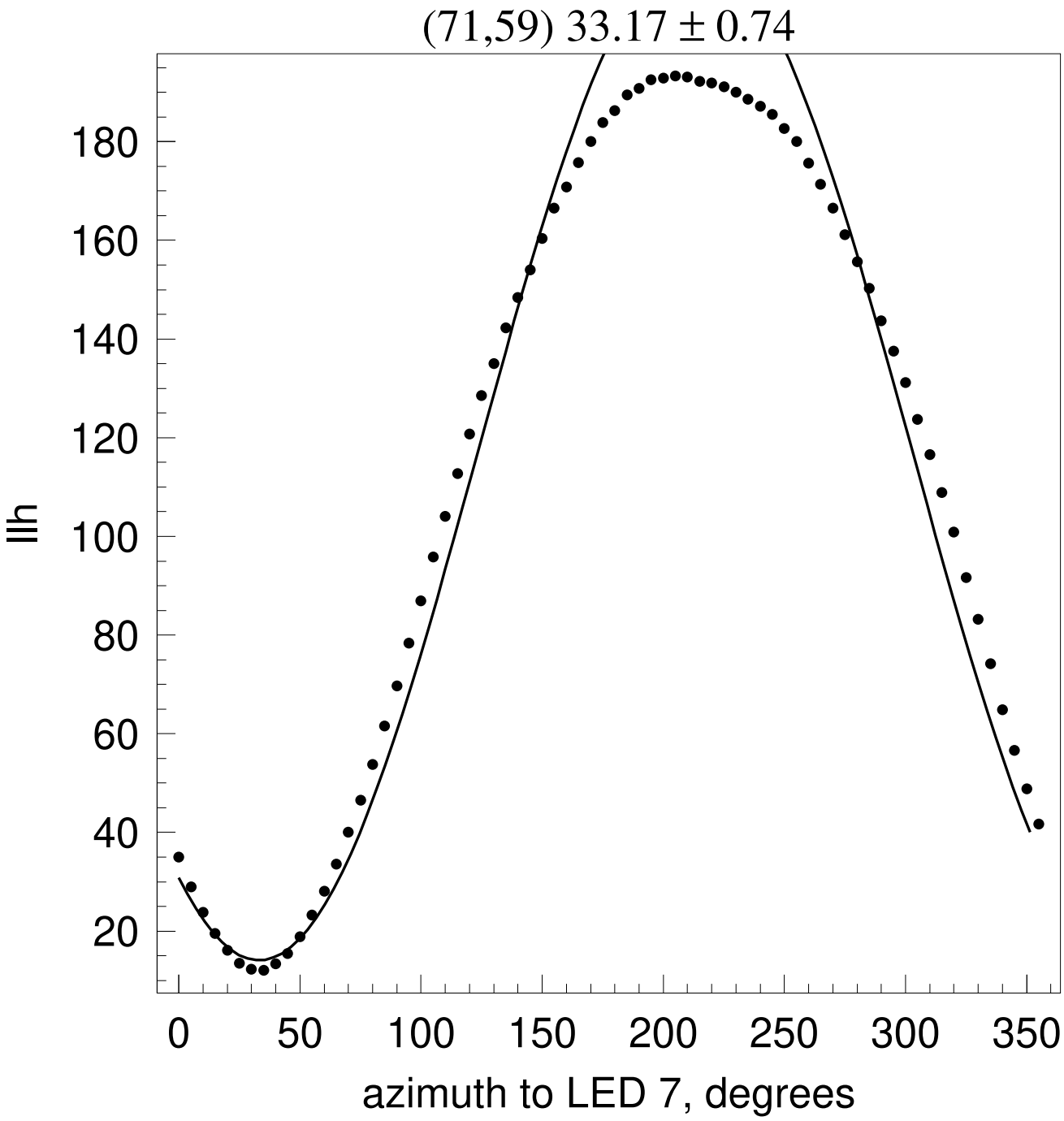

(71,54) 254.54 ± 0.33
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

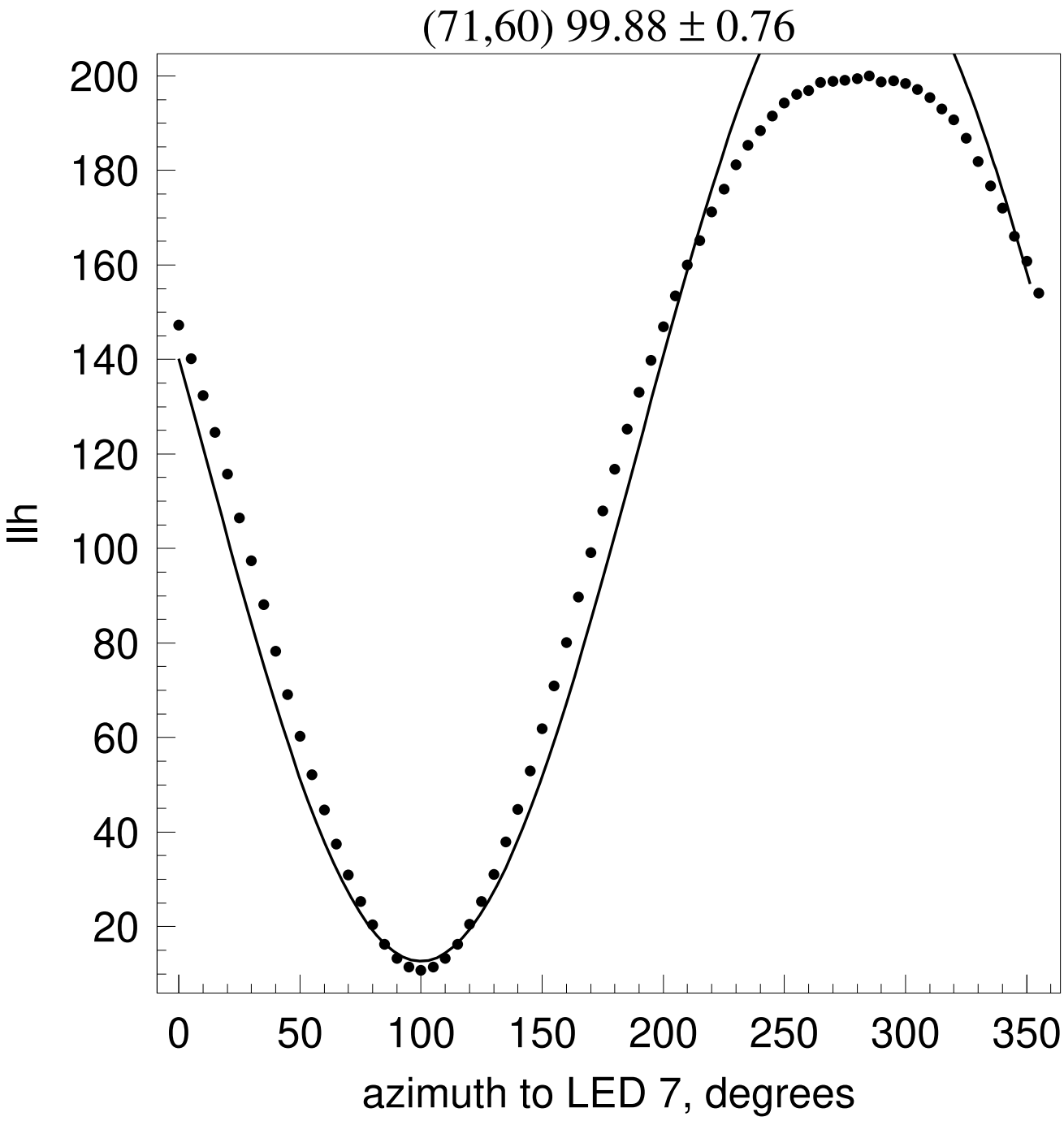

(71,55) 356.29 ± 0.46
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

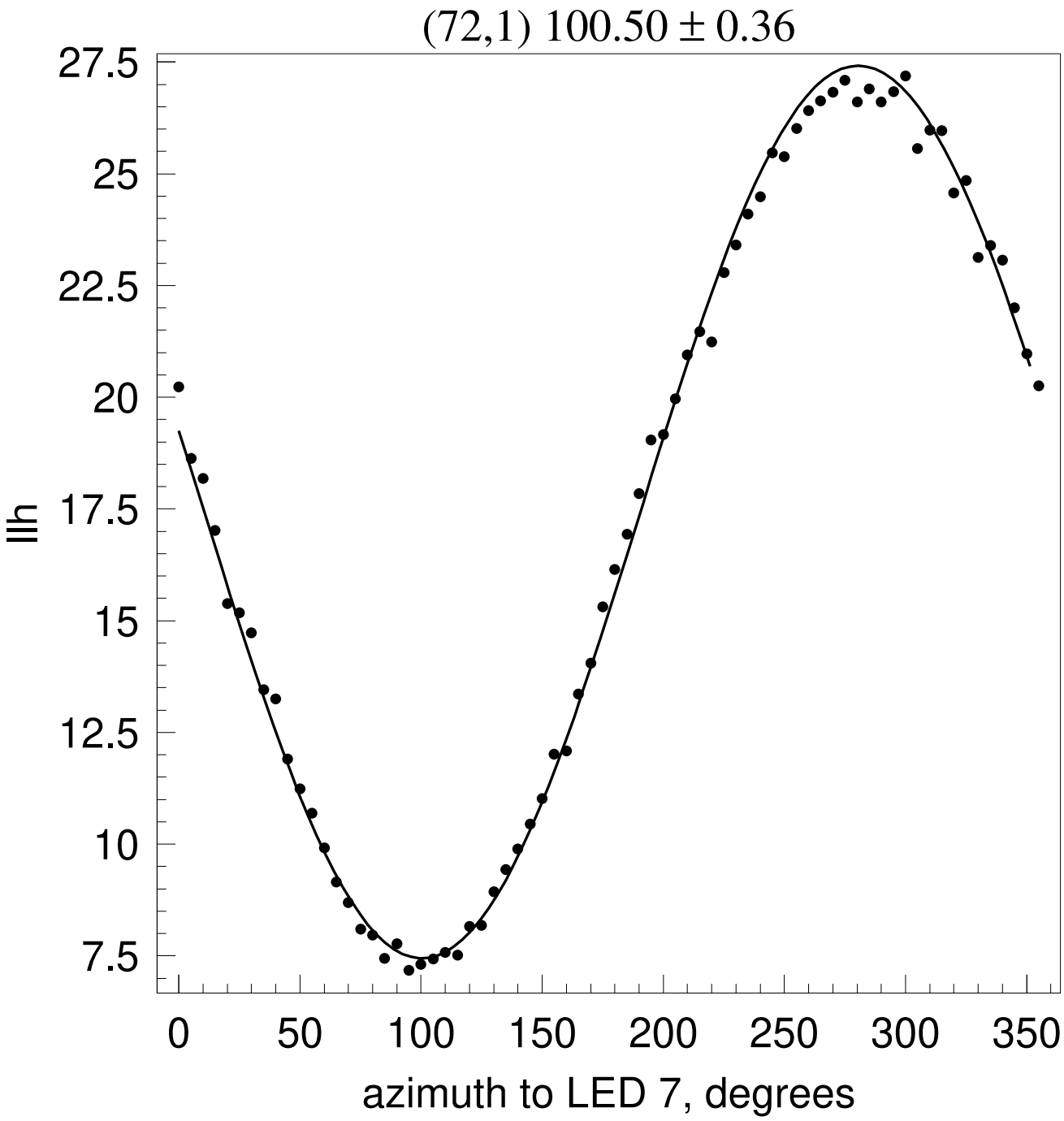

(71,56) 176.93 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

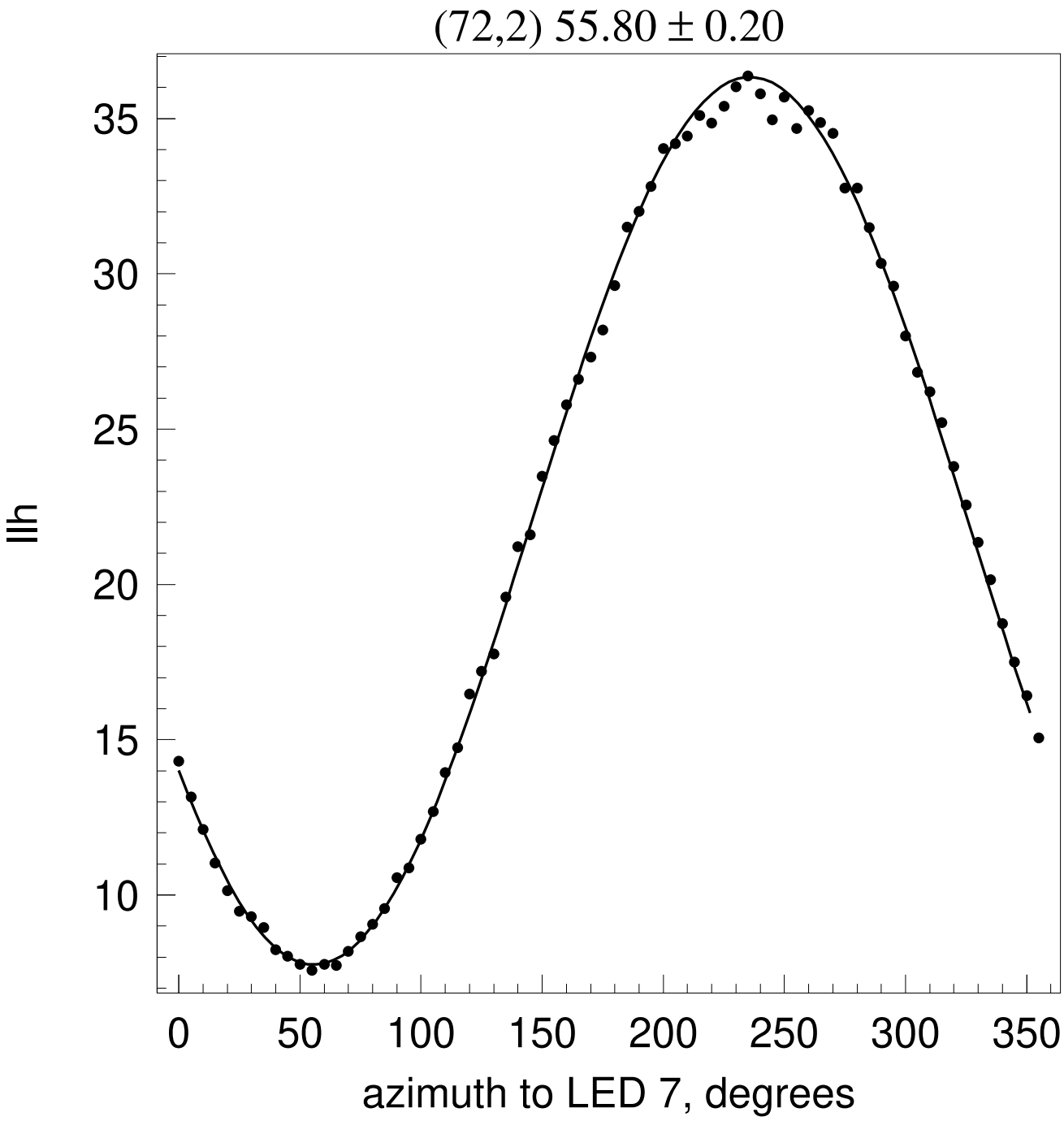

(71,57) 213.26 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

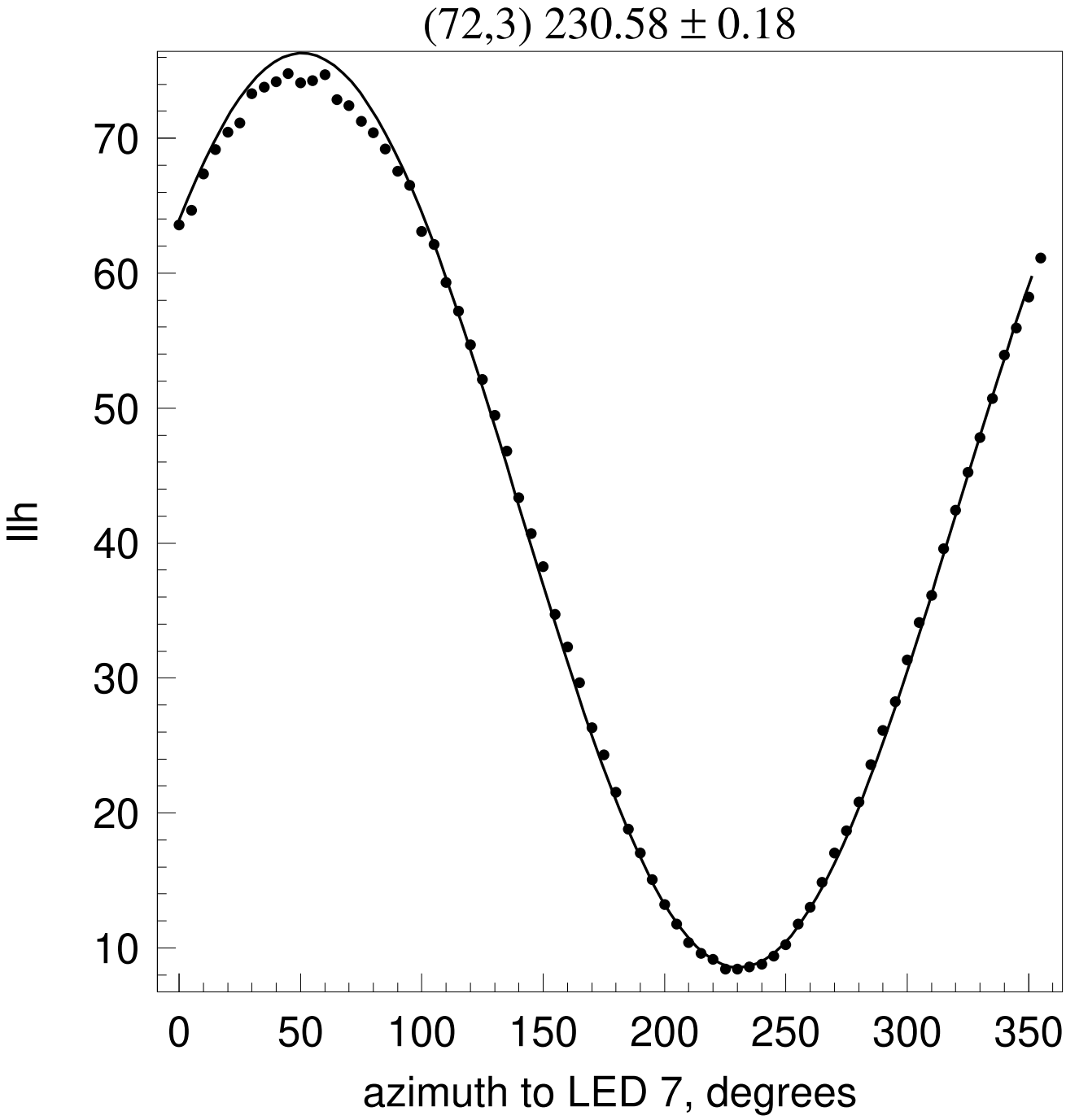

(71,58) 146.45 ± 0.90
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

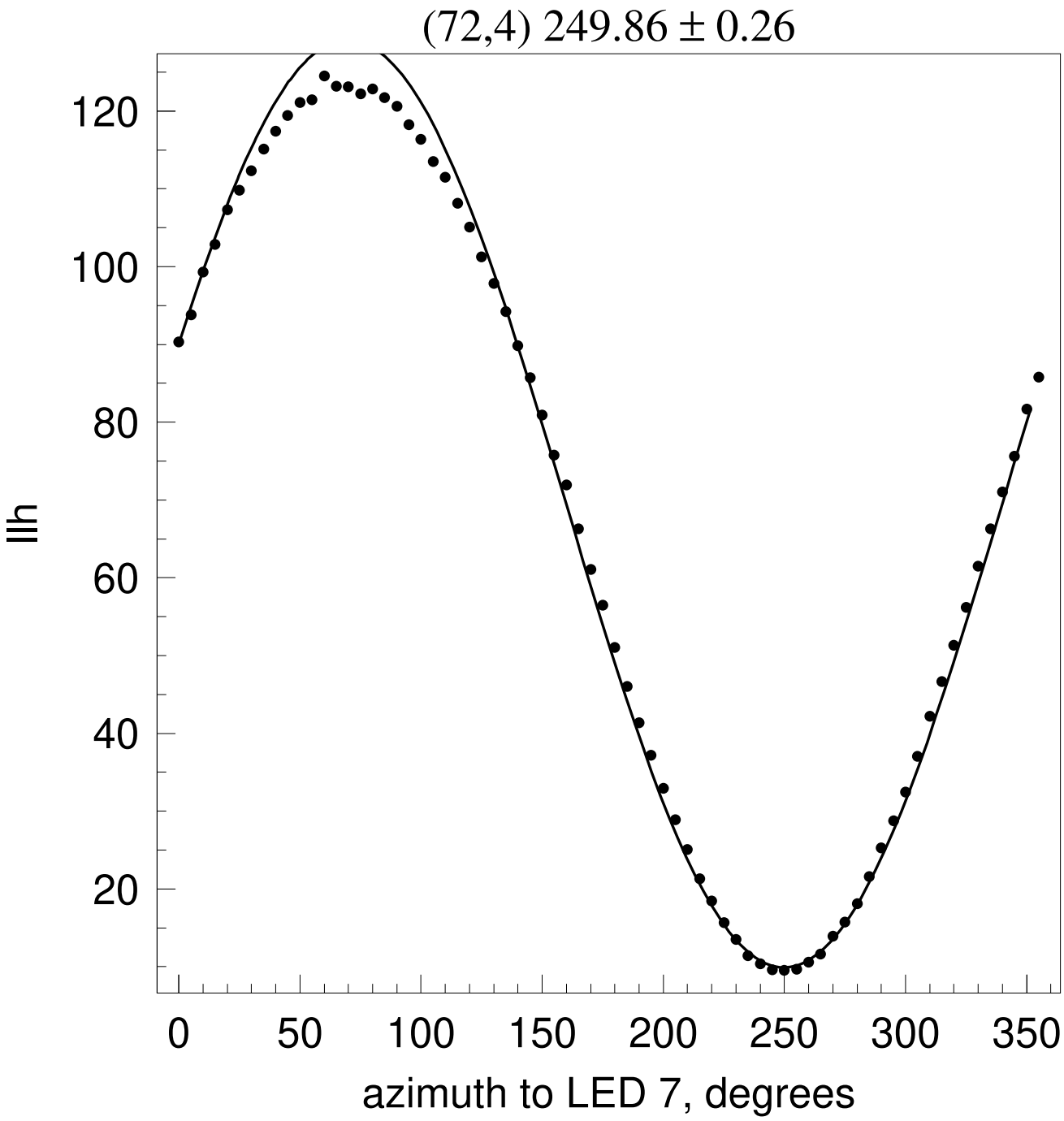

(71,59) 33.17 ± 0.74
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

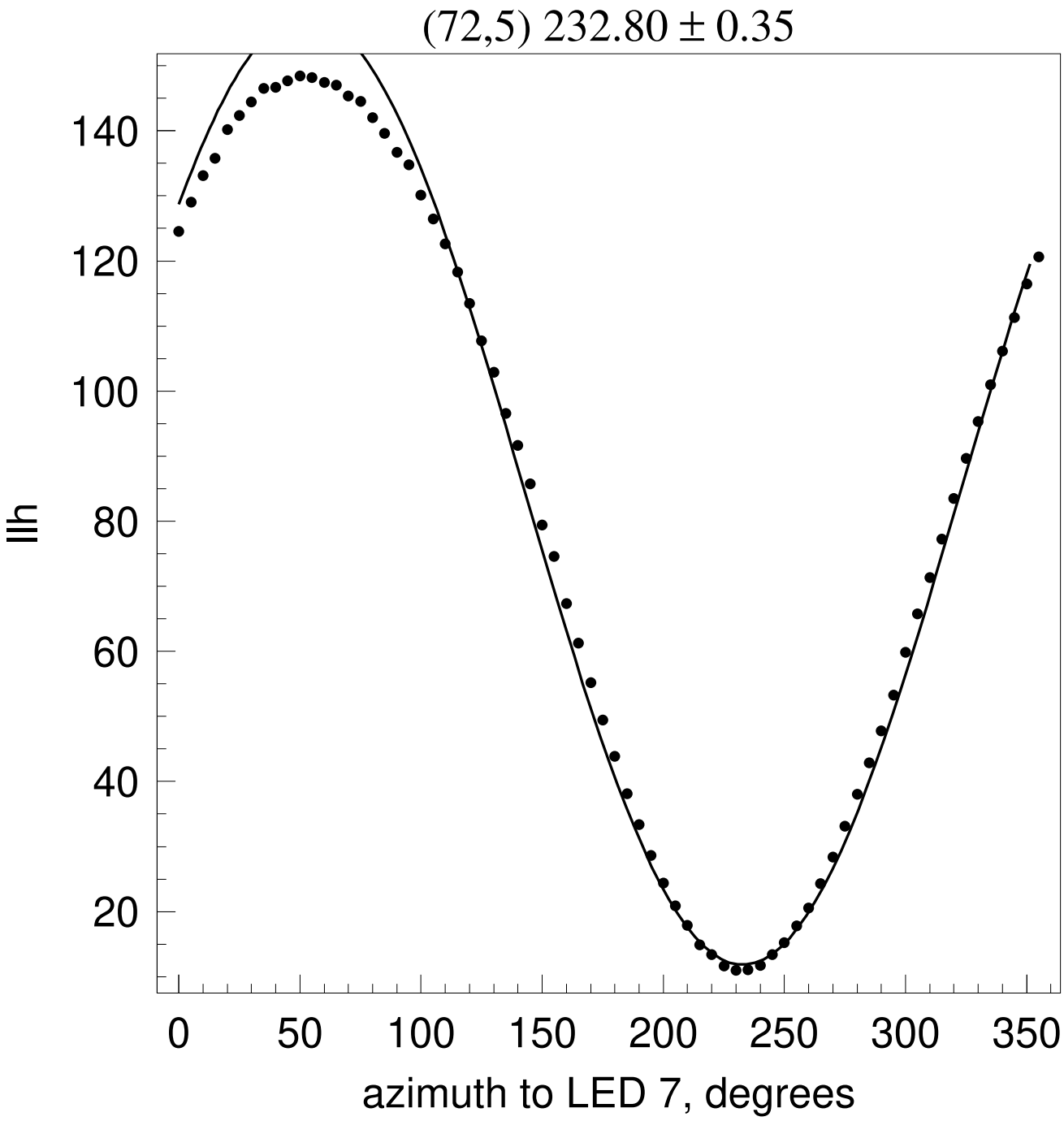

(71,60) 99.88 ± 0.76
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

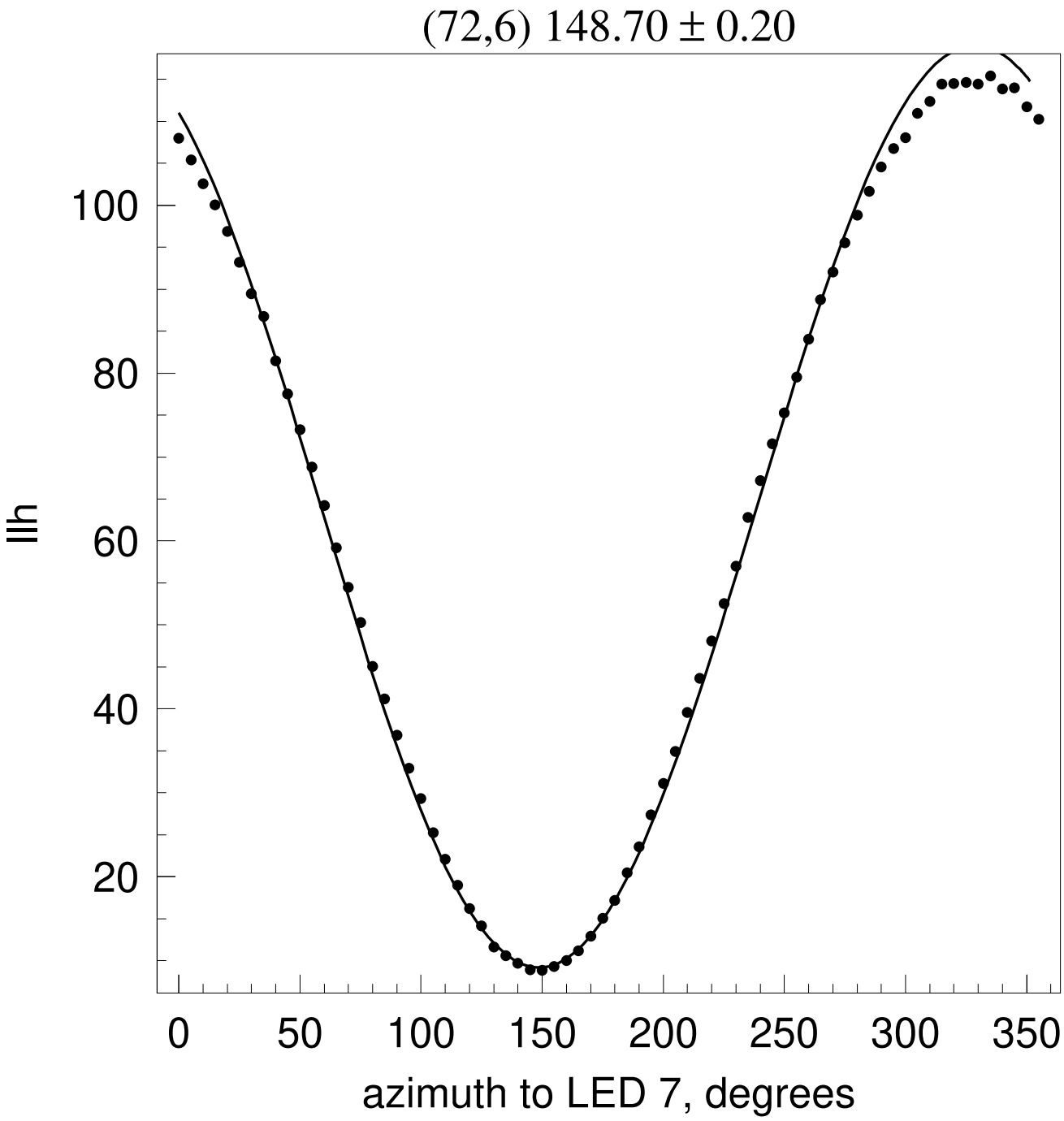

(72,1) 100.50 ± 0.36
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

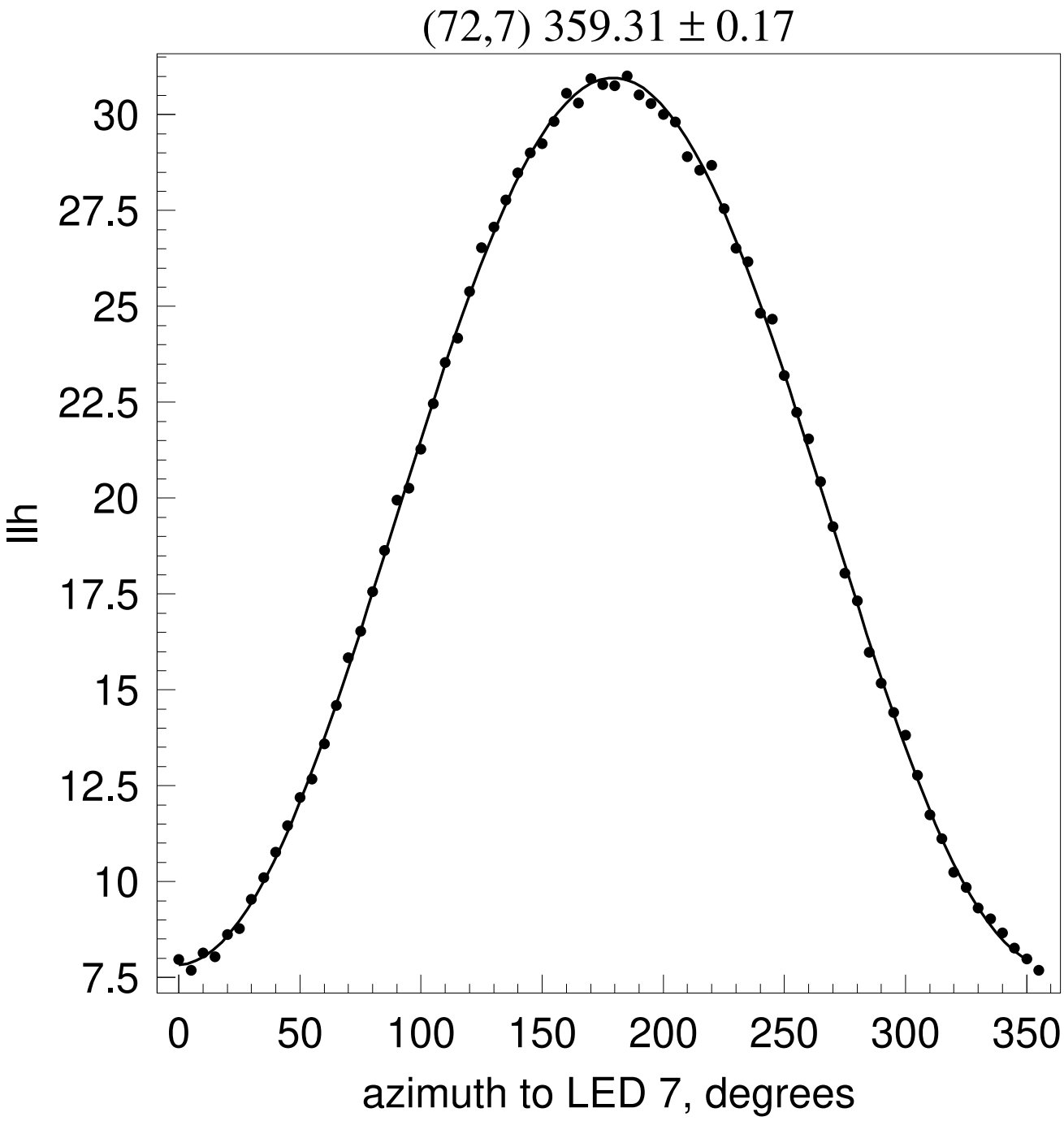

(72,2) 55.80 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

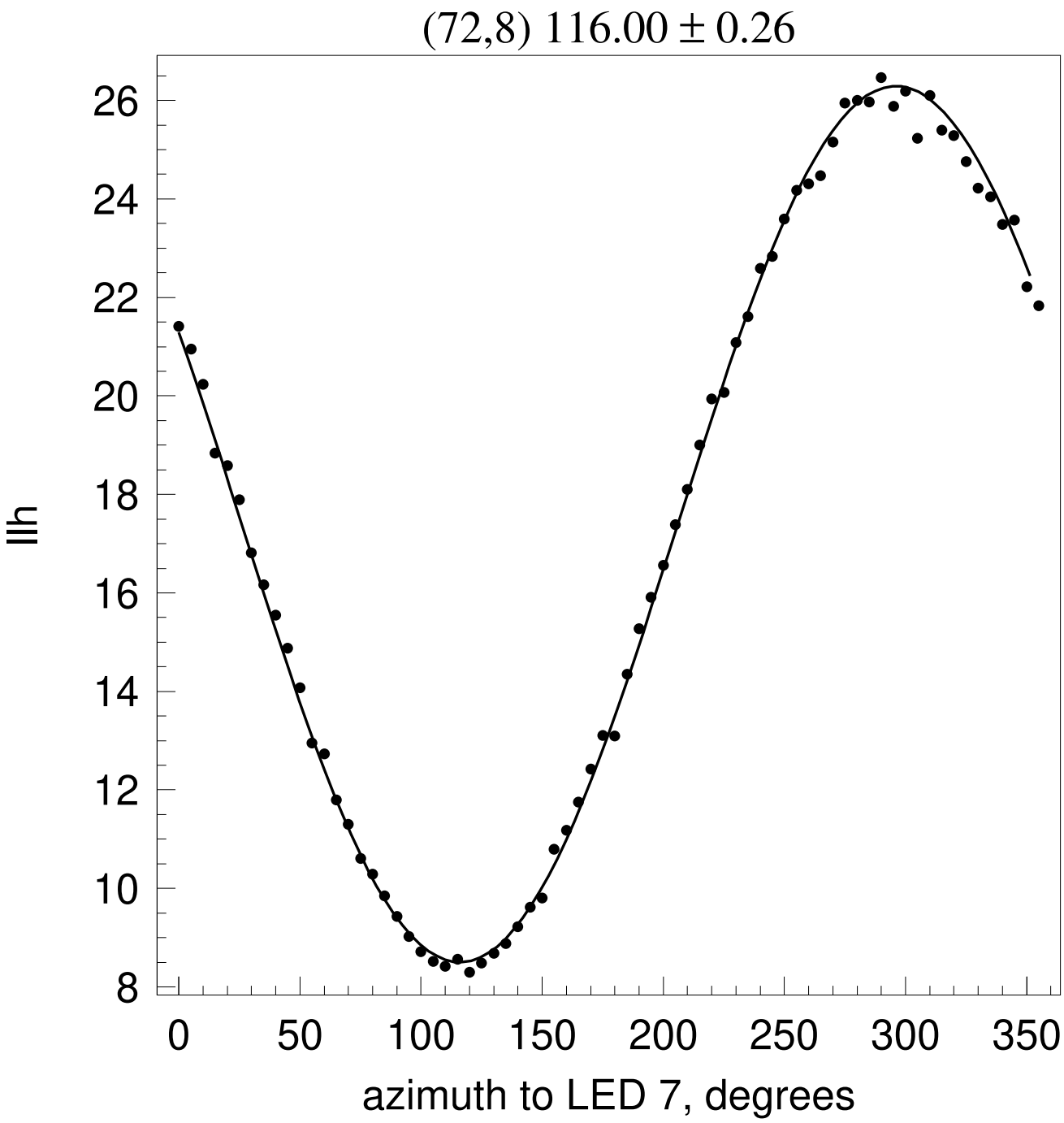

(72,3) 230.58 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

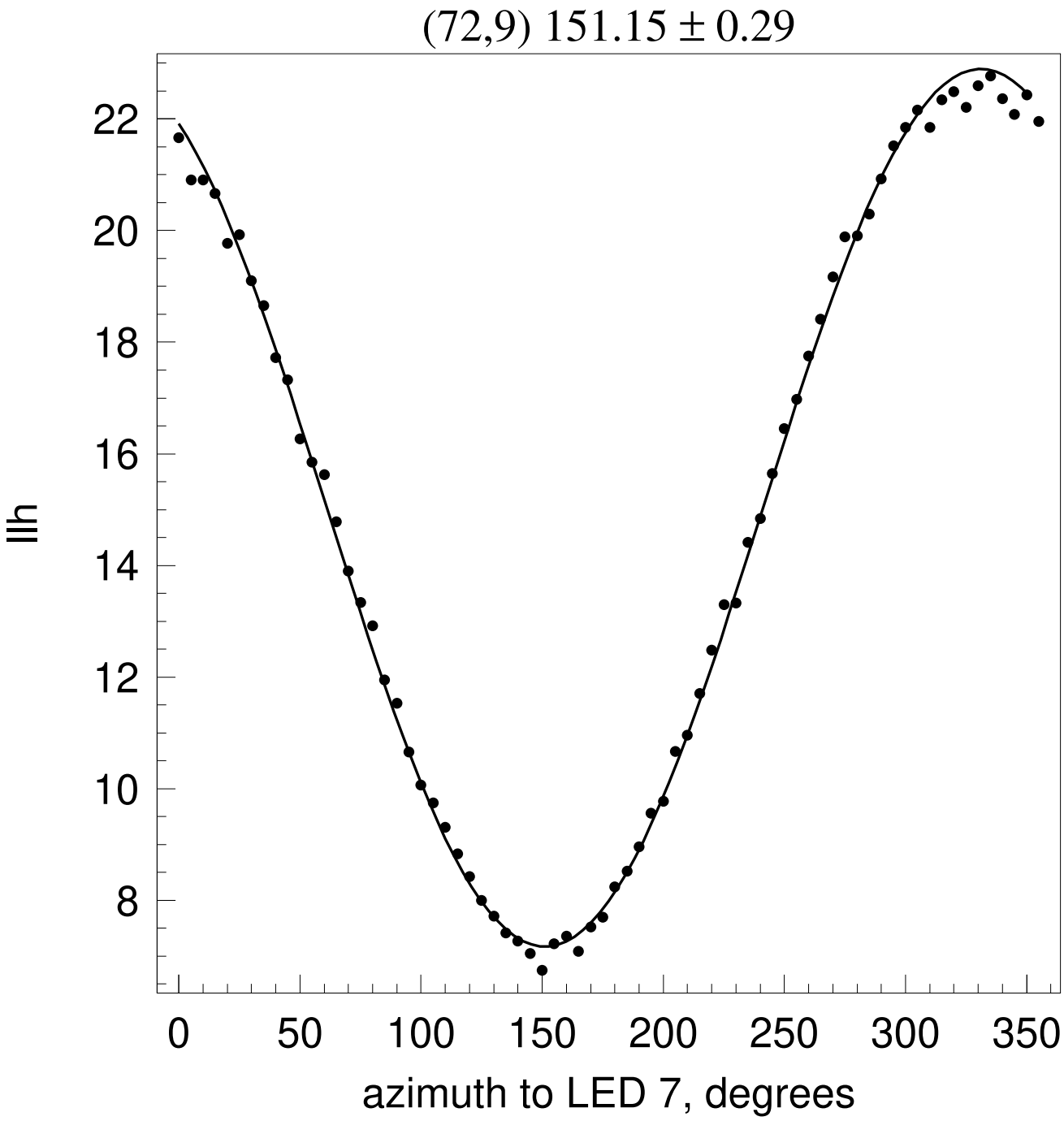

(72,4) 249.86 ± 0.26
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

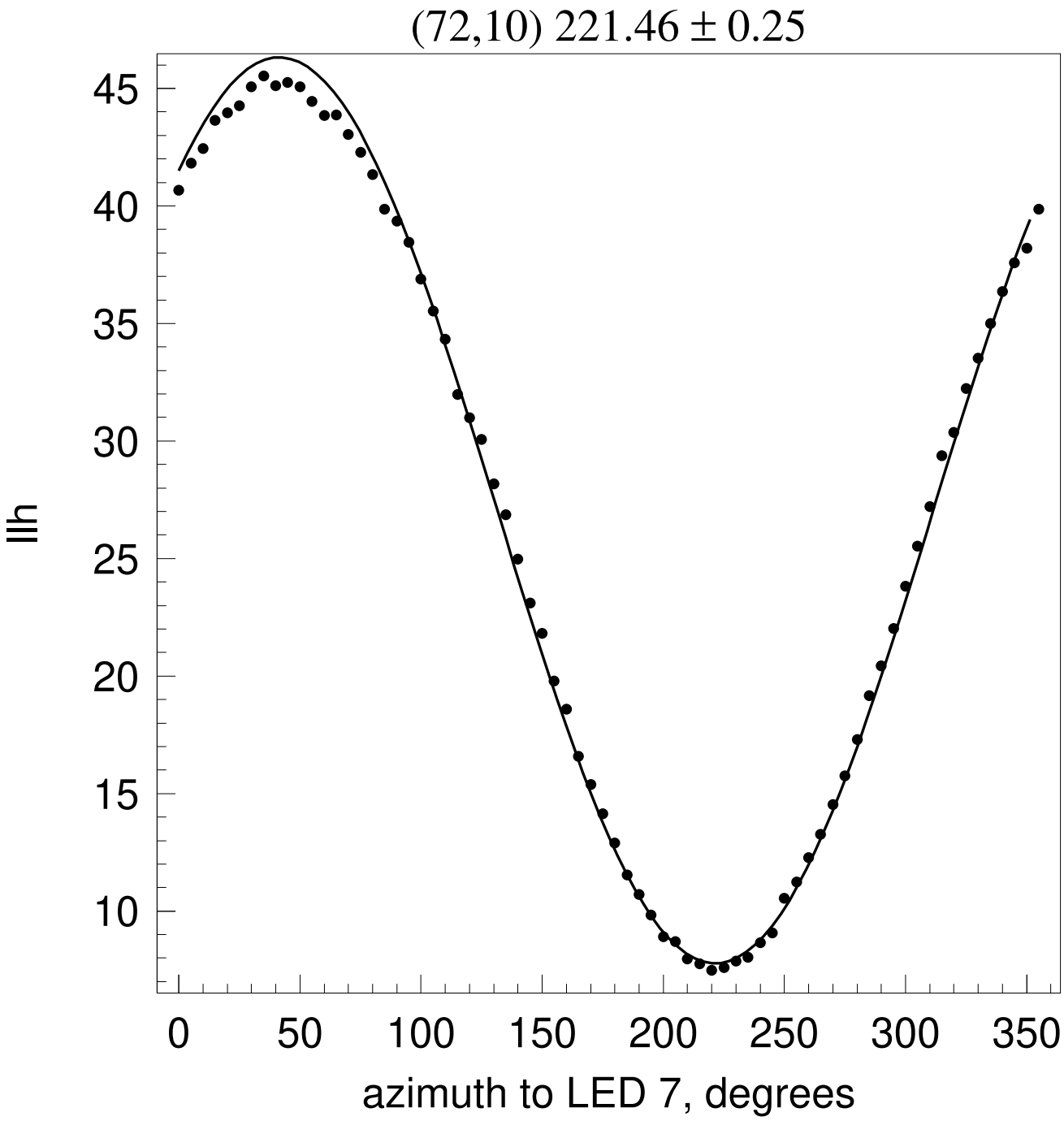

(72,5) 232.80 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

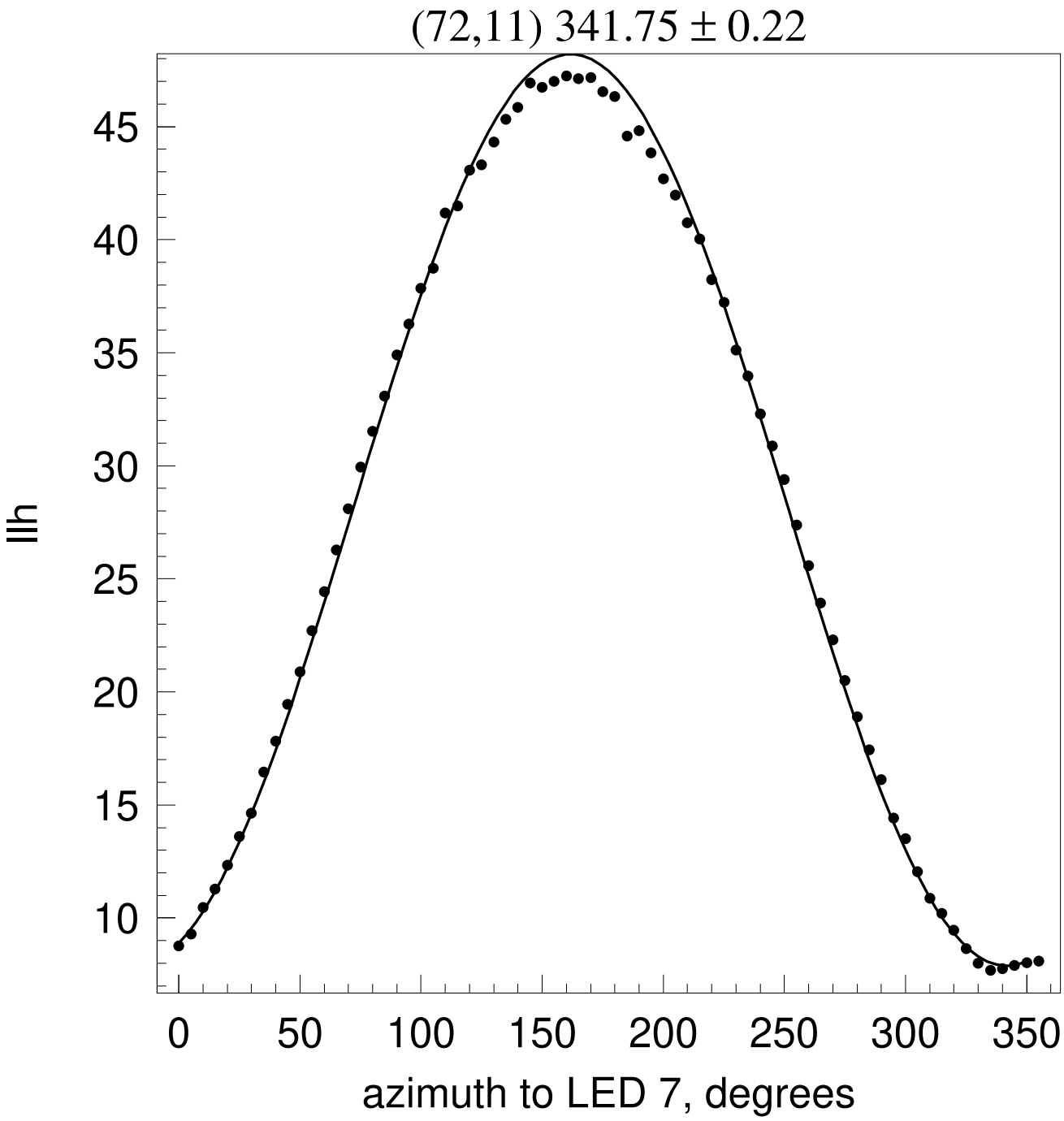

(72,6) 148.70 ± 0.20
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

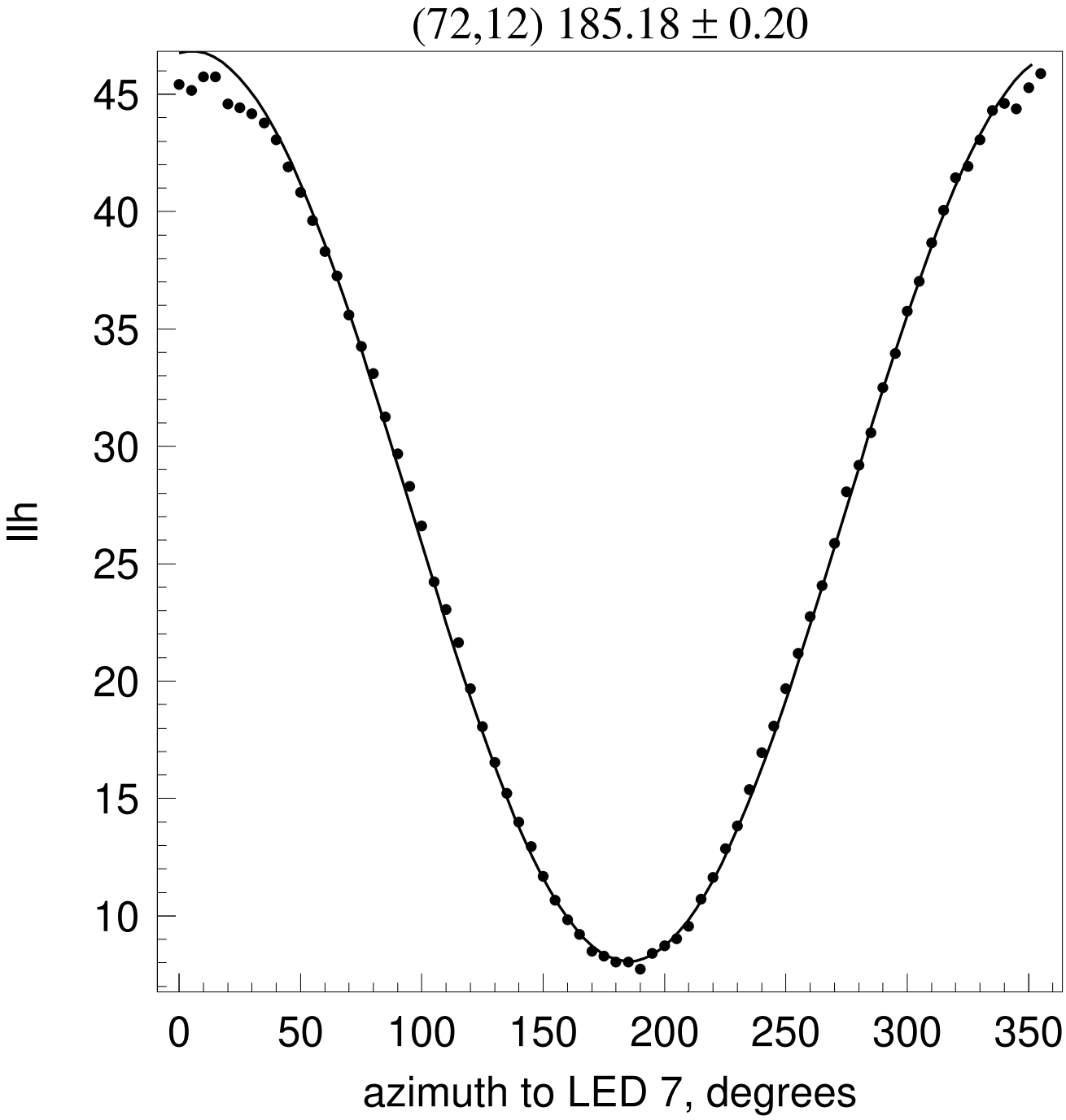

(72,7) 359.31 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

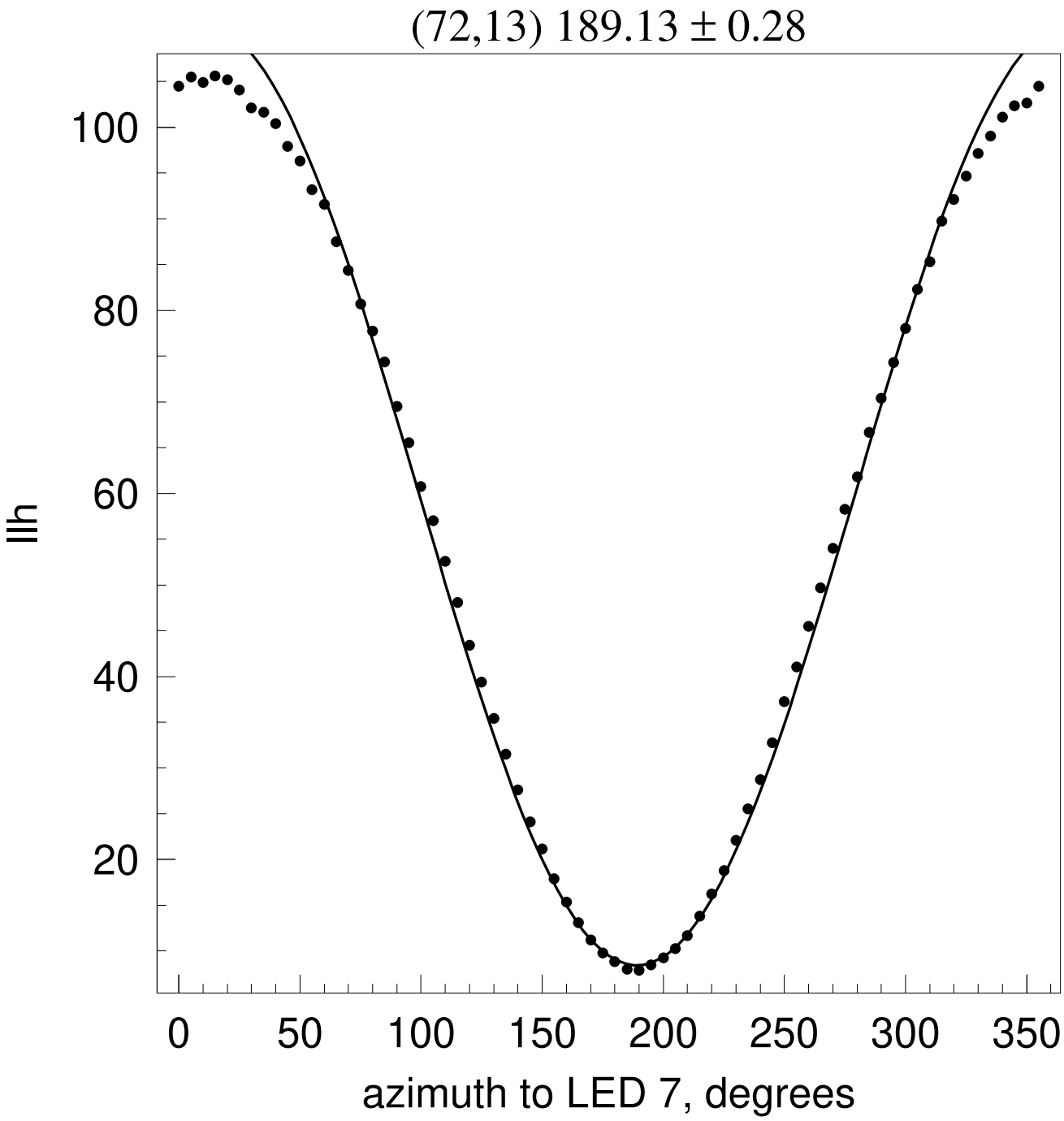

(72,8) 116.00 ± 0.26
26
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

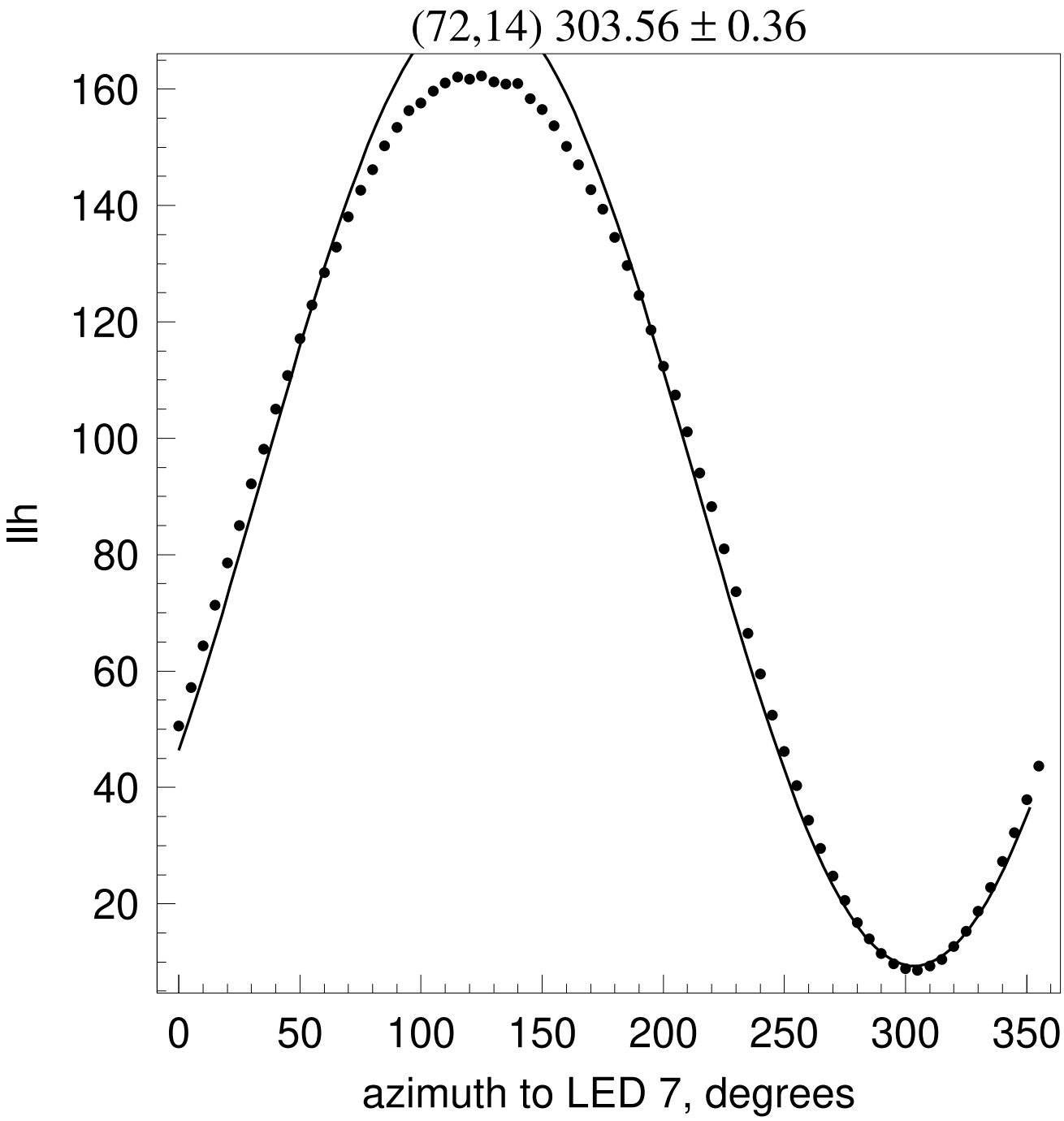

(72,9) 151.15 ± 0.29
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

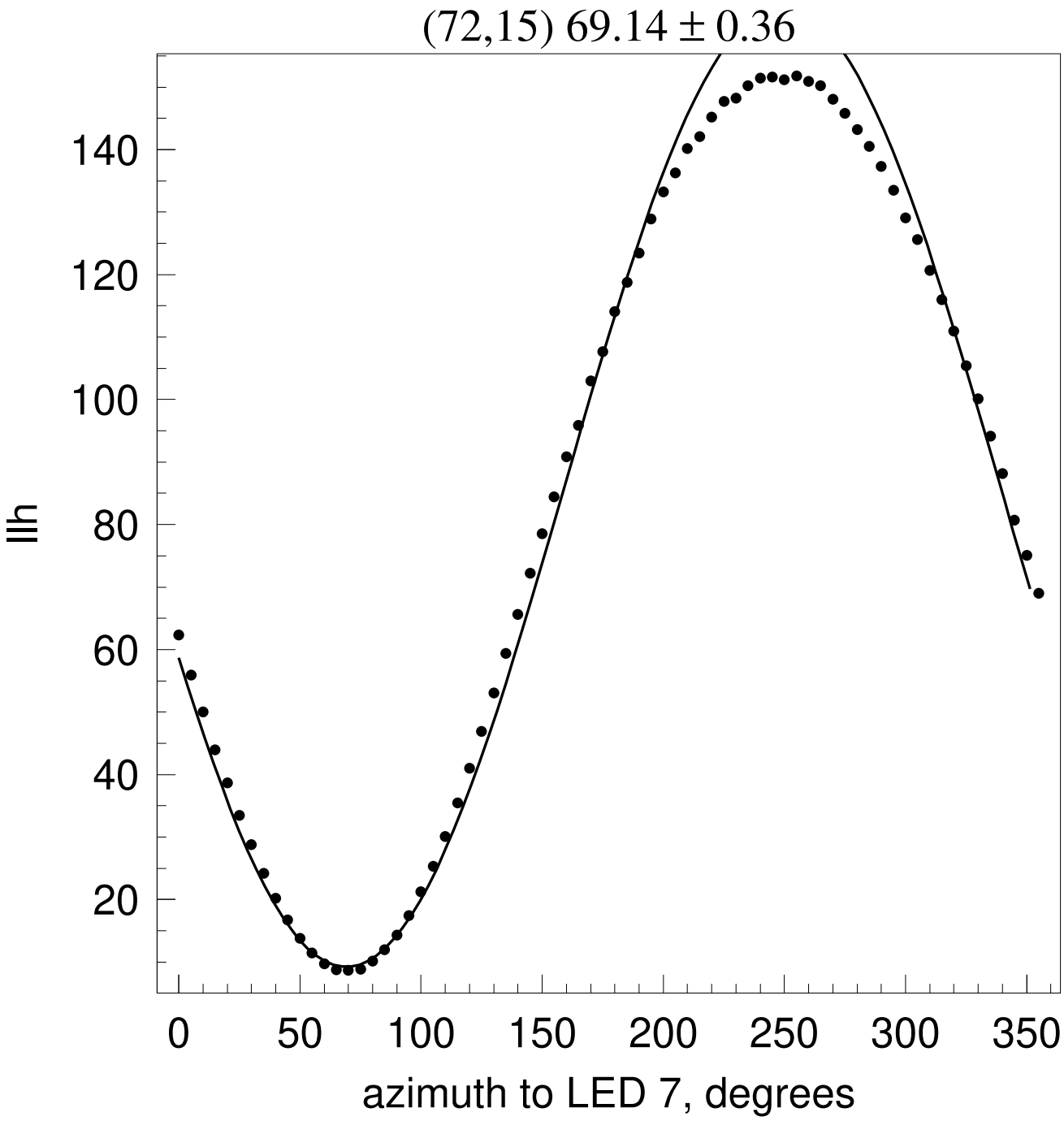

(72,10) 221.46 ± 0.25
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

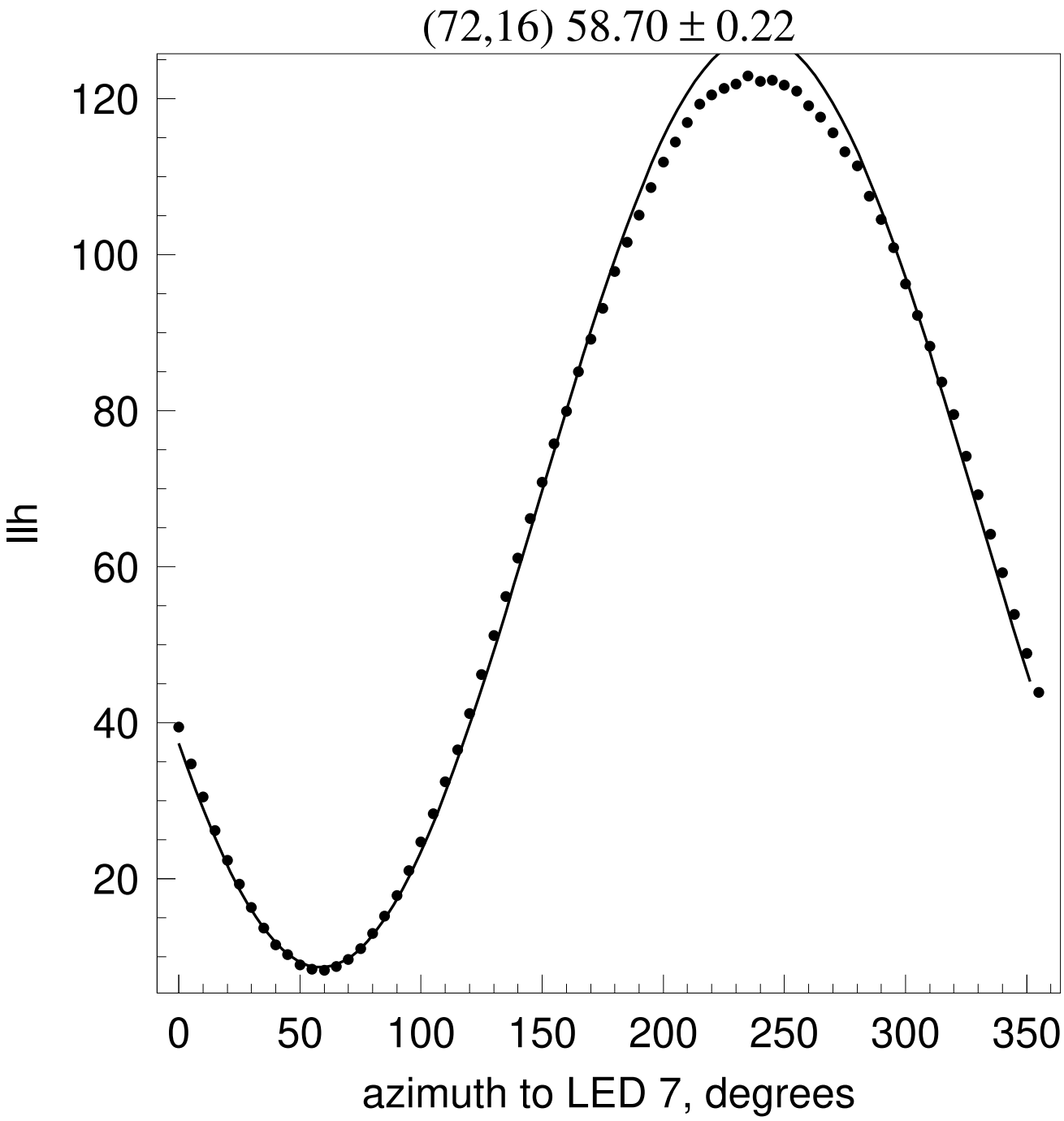

(72,11) 341.75 ± 0.22
llh
45
40
35
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

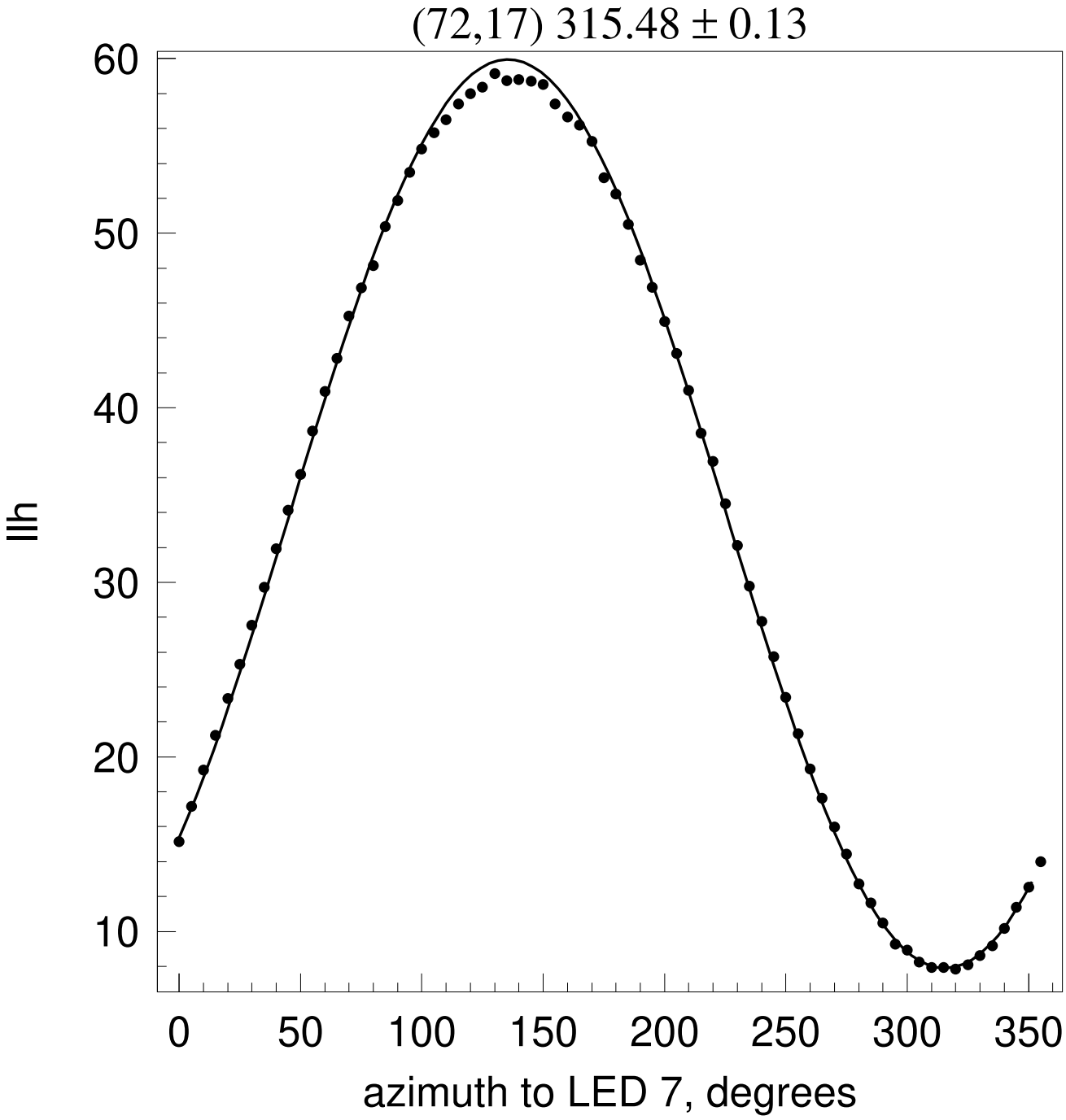

(72,12) 185.18 ± 0.20
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

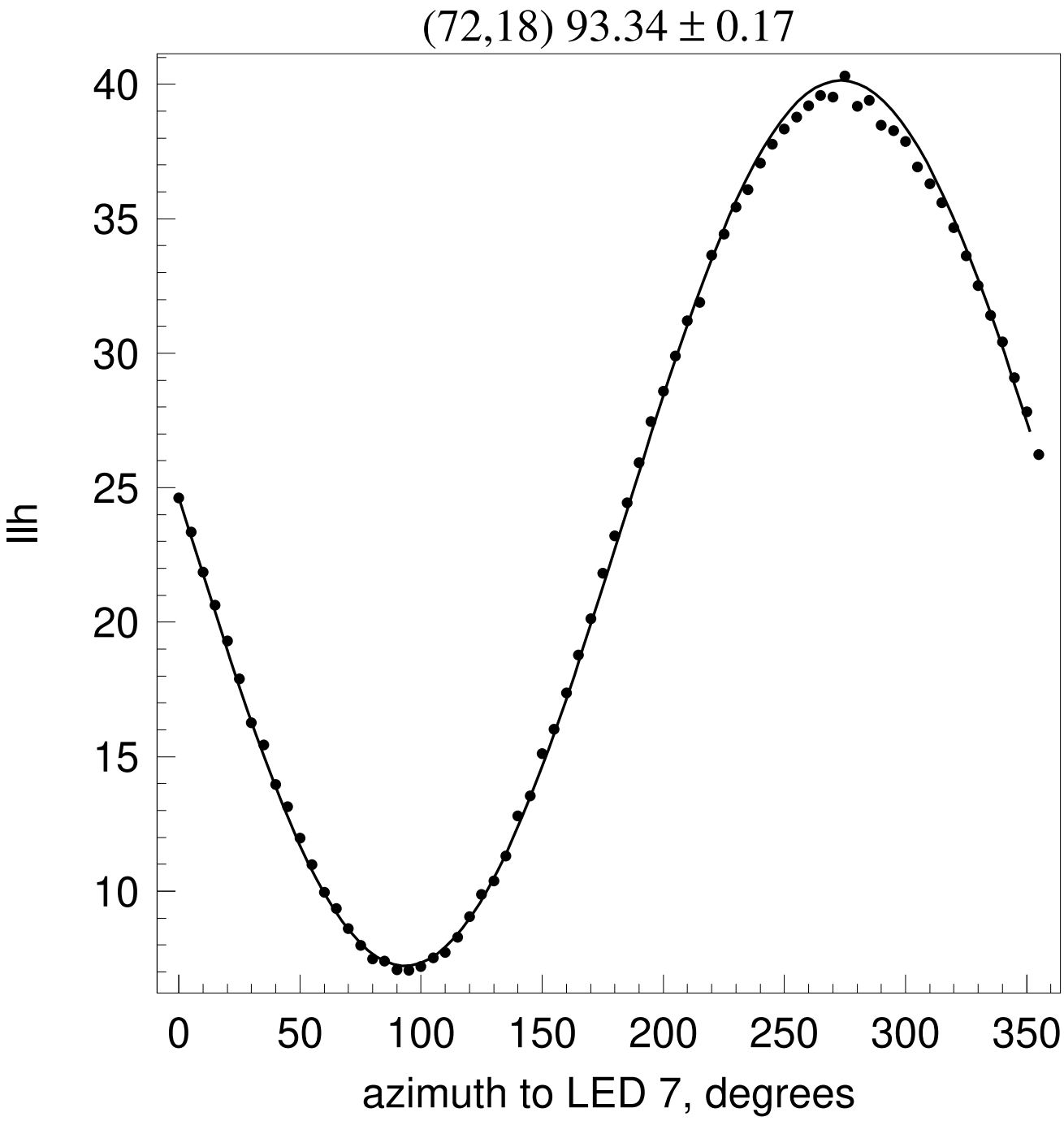

(72,13) 189.13 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

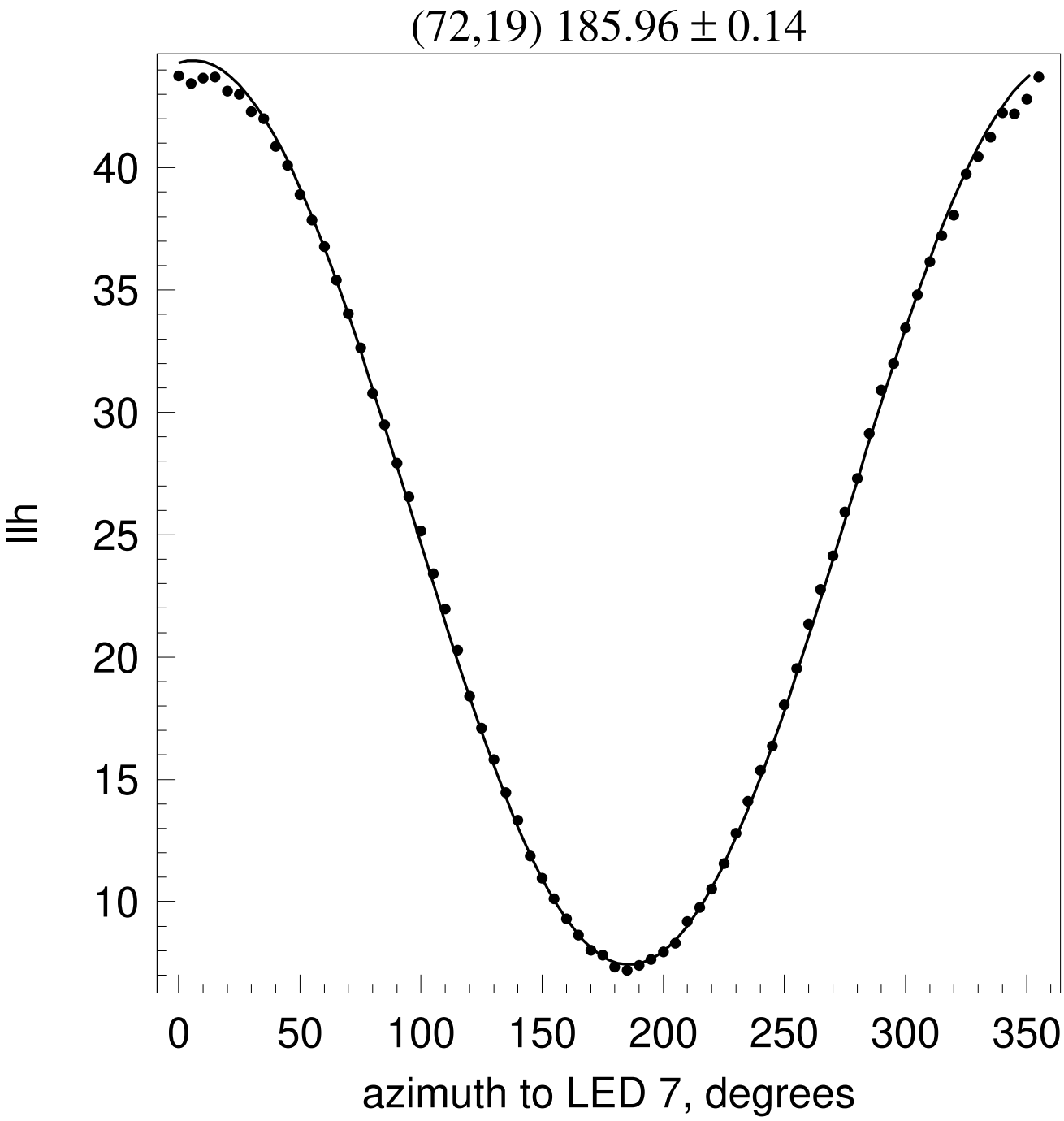

(72,14) 303.56 ± 0.36
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

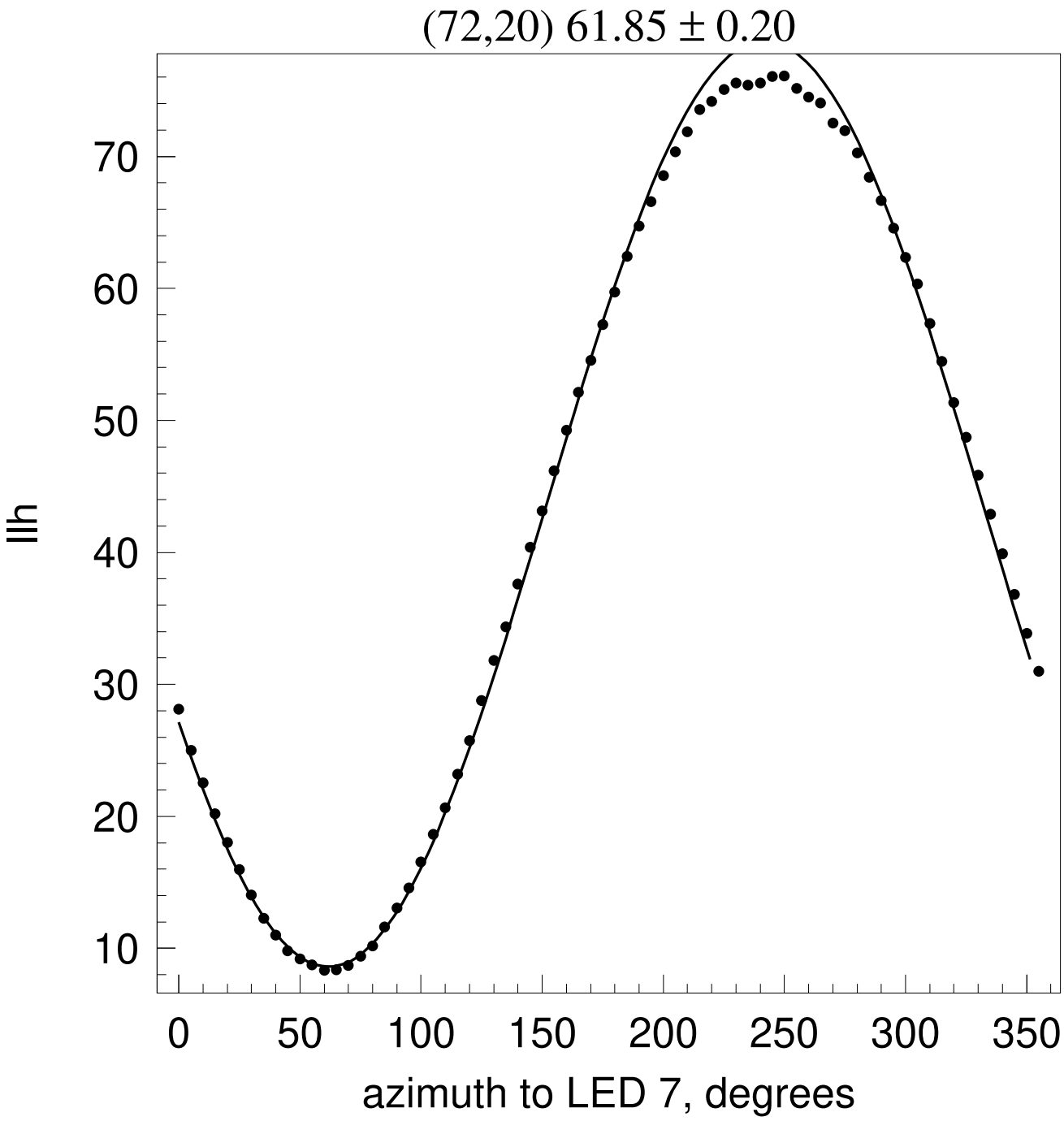

(72,15) 69.14 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

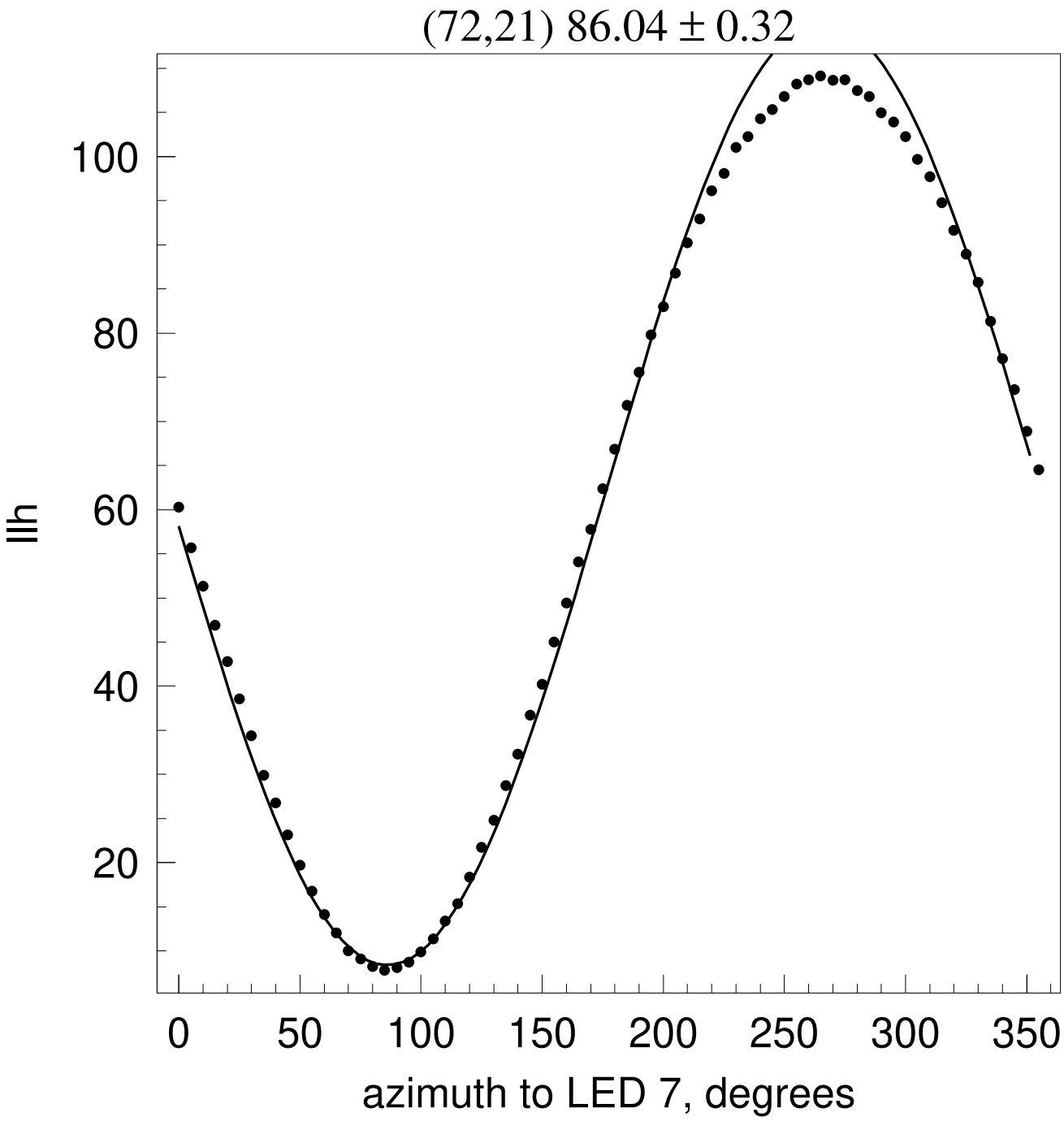

(72,16) 58.70 ± 0.22
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

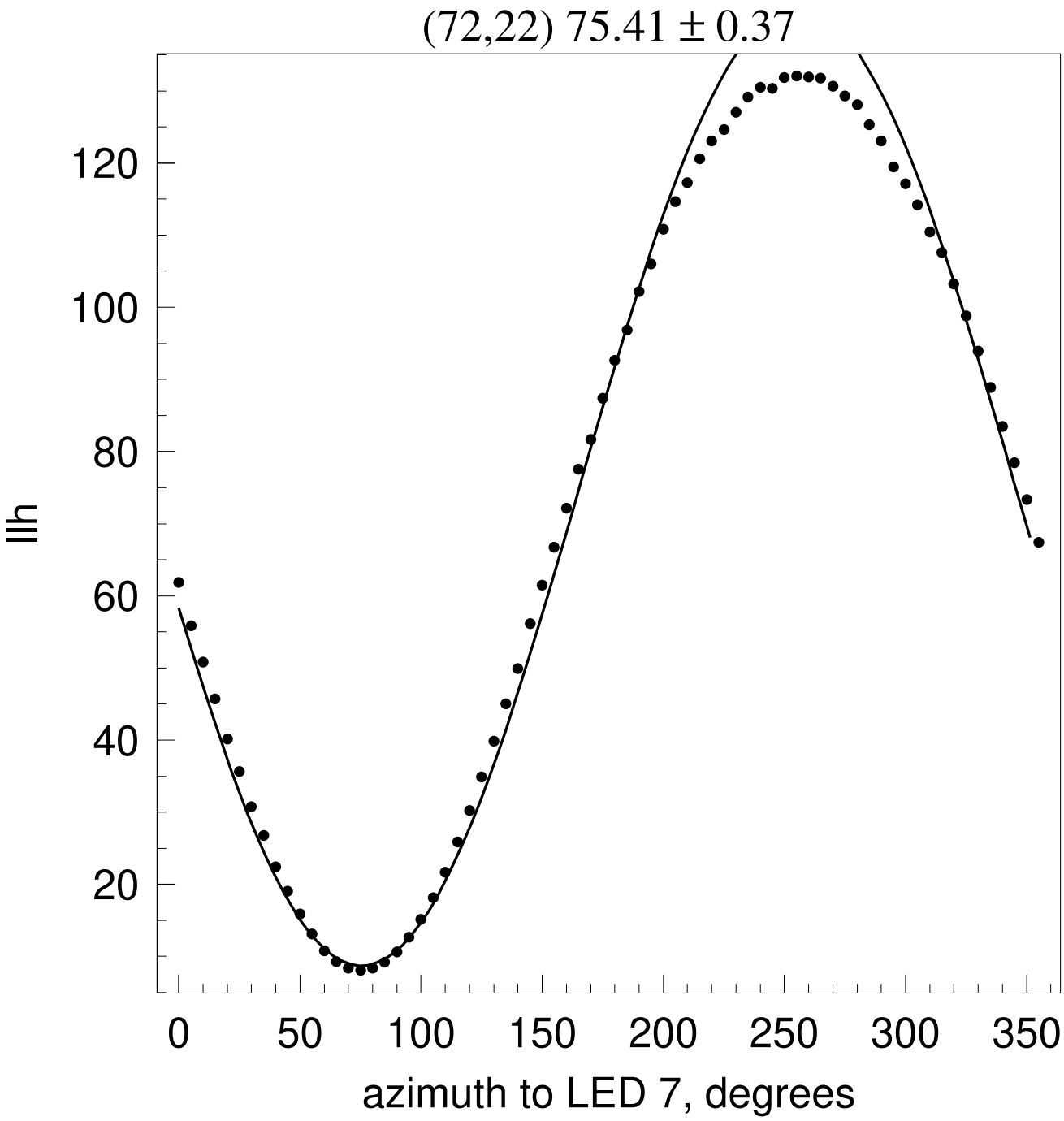

(72,17) 315.48 ± 0.13
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

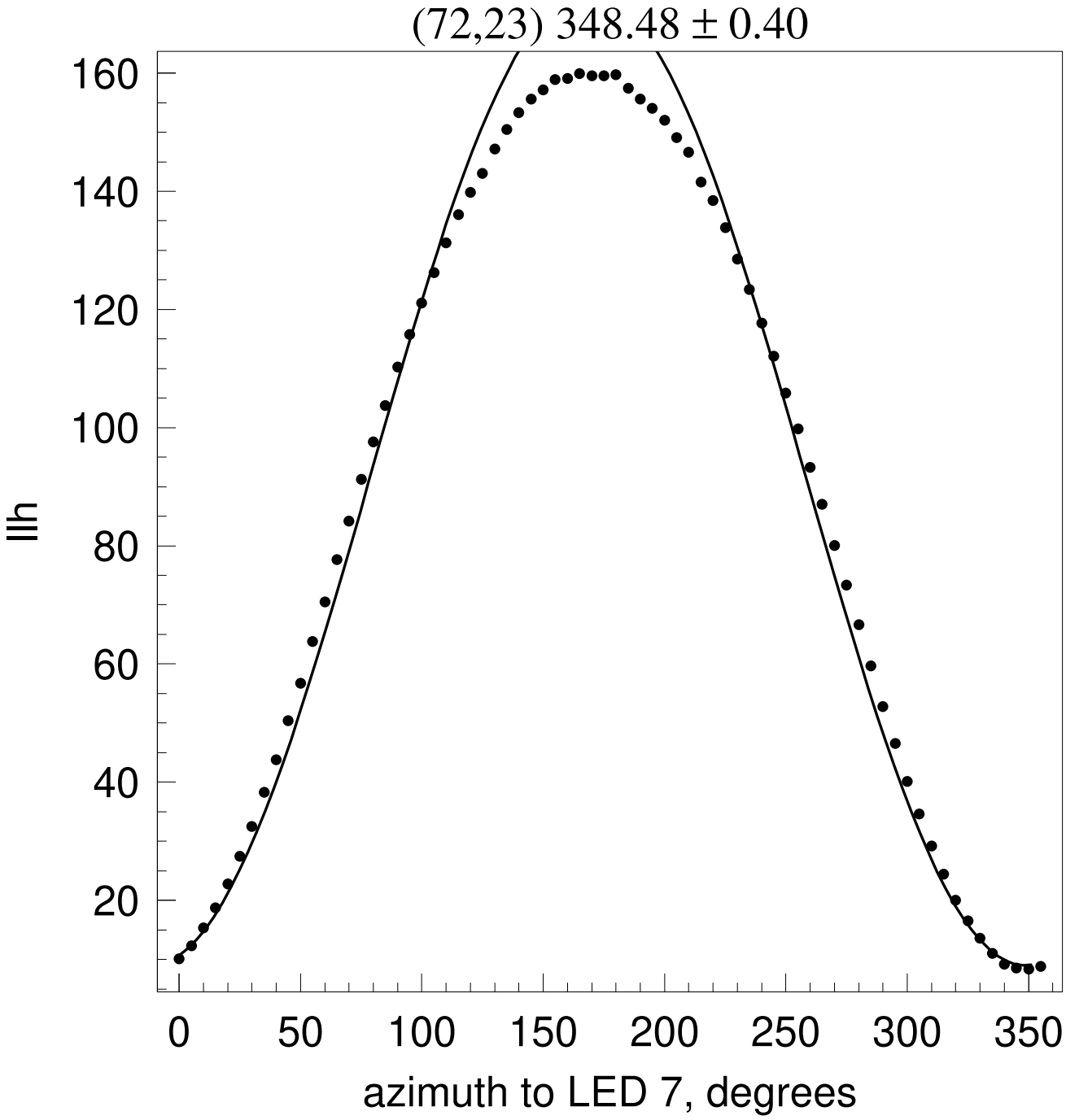

(72,18) 93.34 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

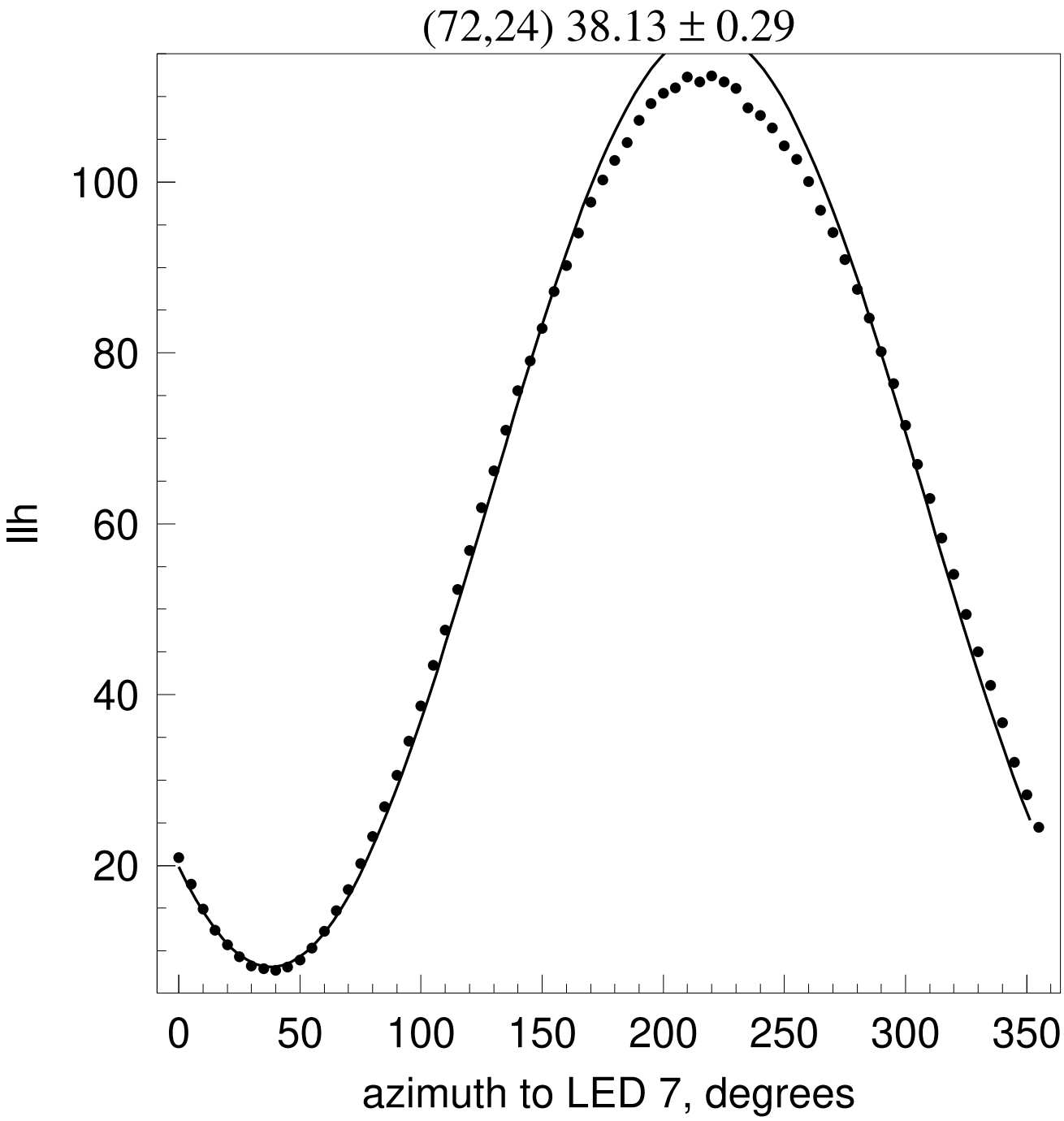

(72,19) 185.96 ± 0.14
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

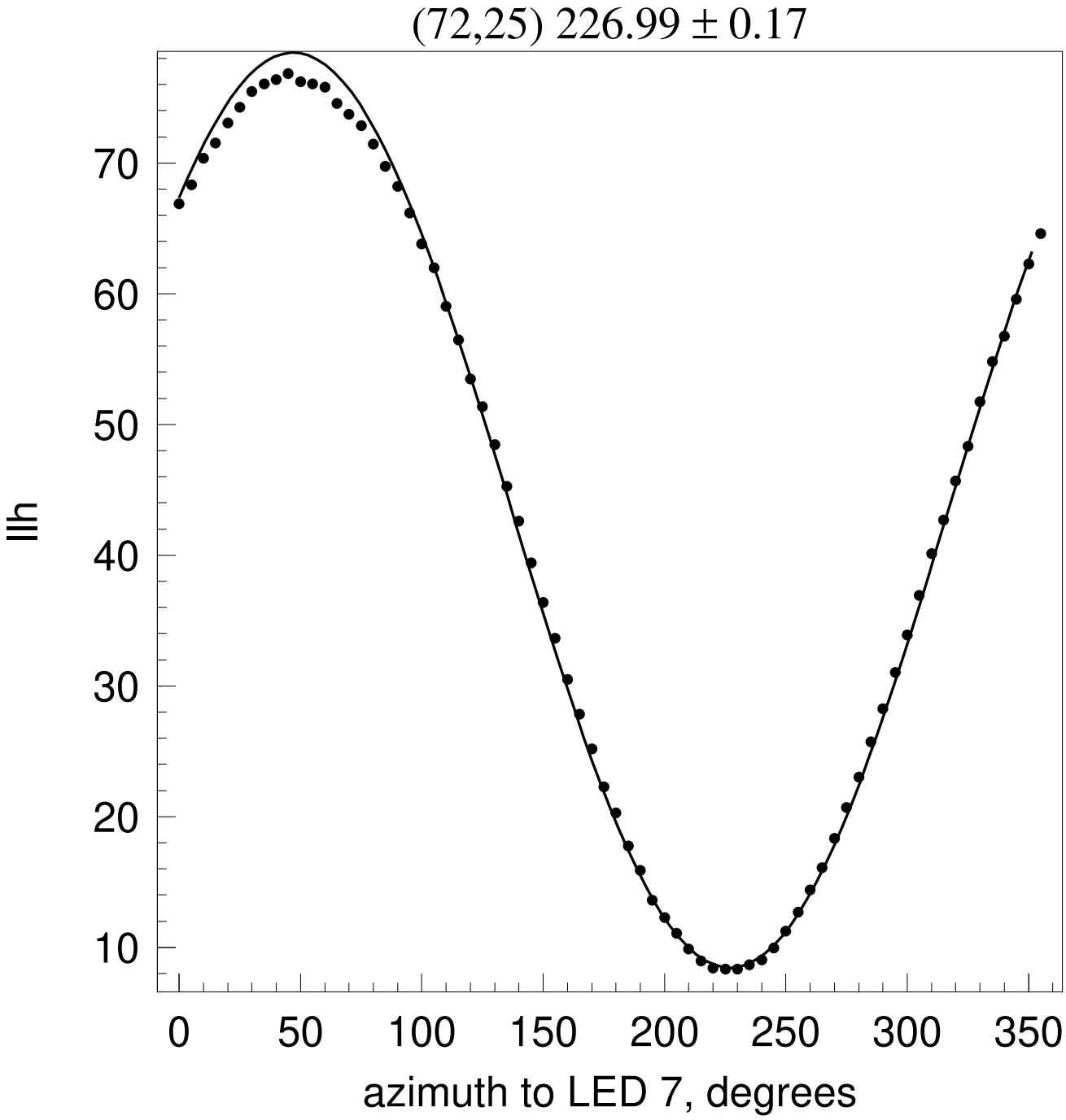

(72,20) 61.85 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

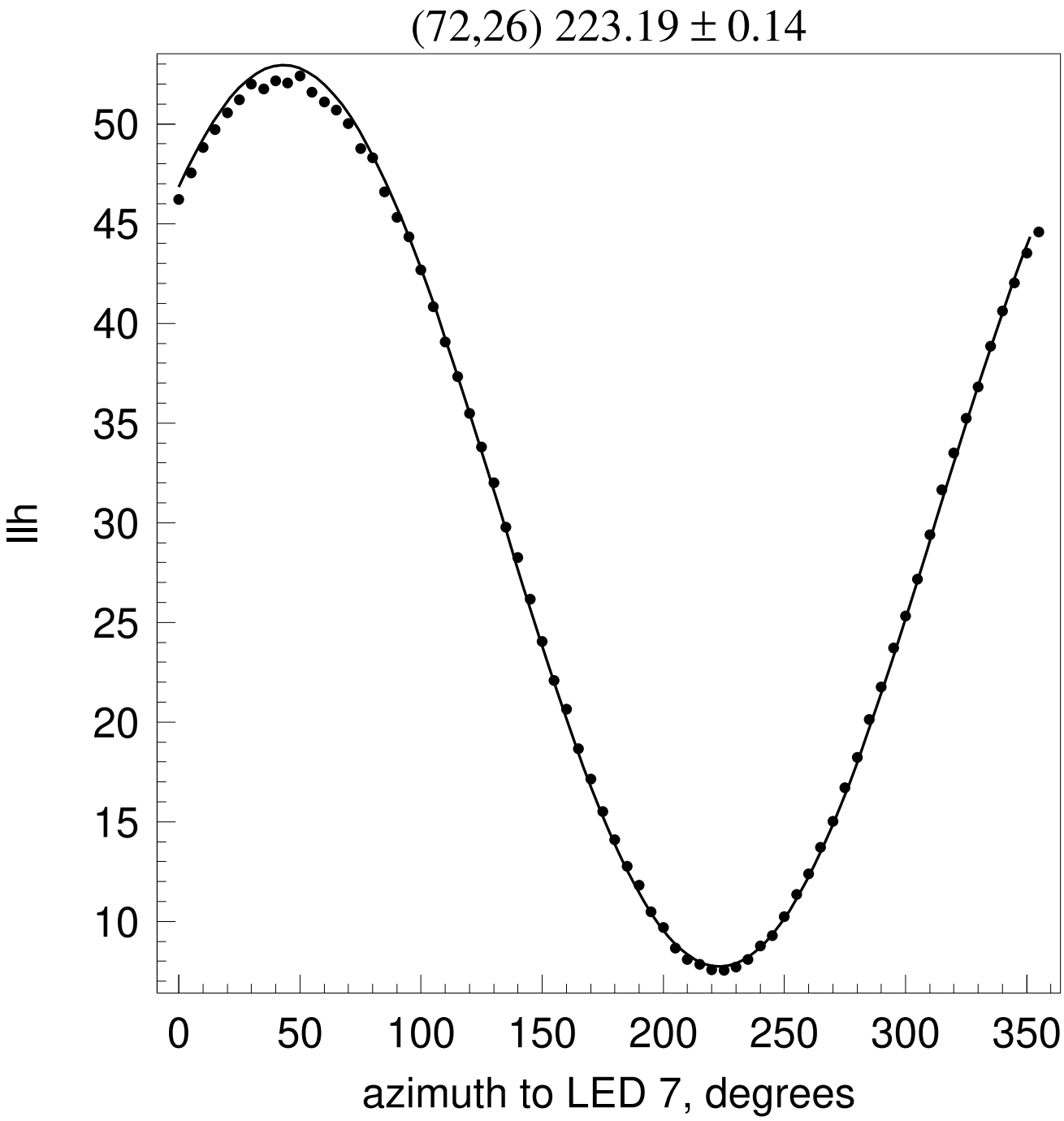

(72,21) 86.04 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

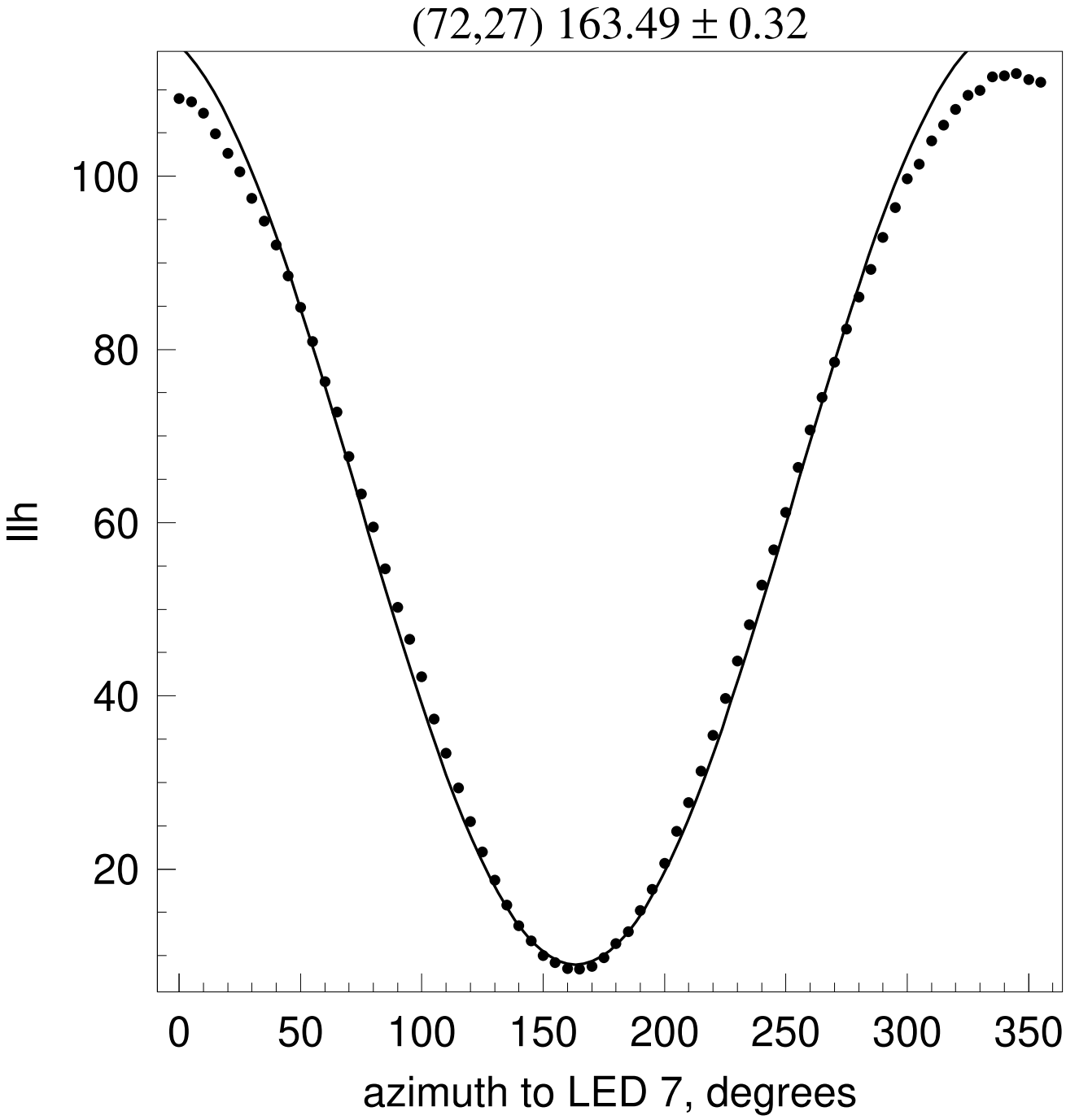

(72,22) 75.41 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

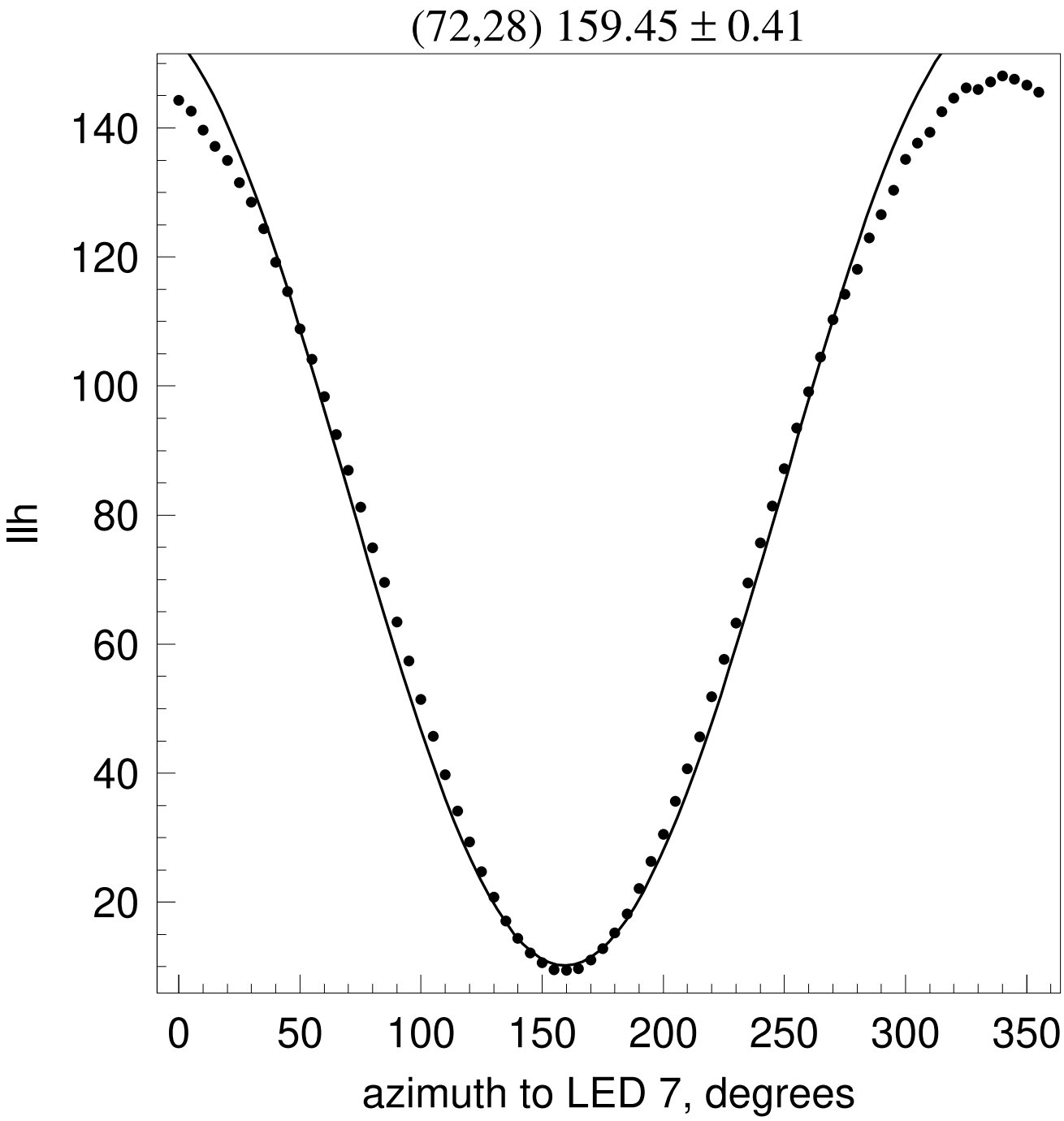

(72,23) 348.48 ± 0.40
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

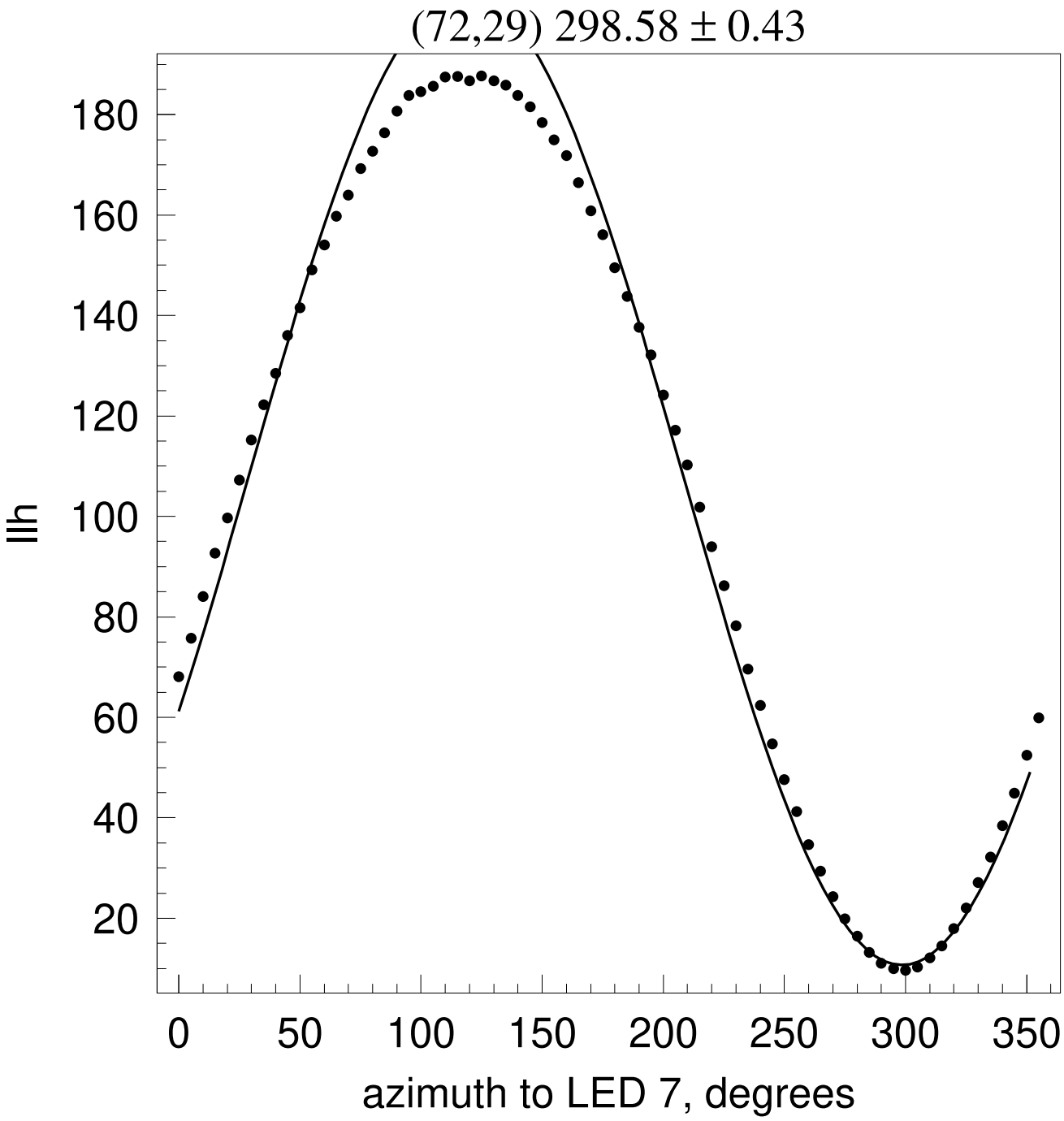

(72,24) 38.13 ± 0.29
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

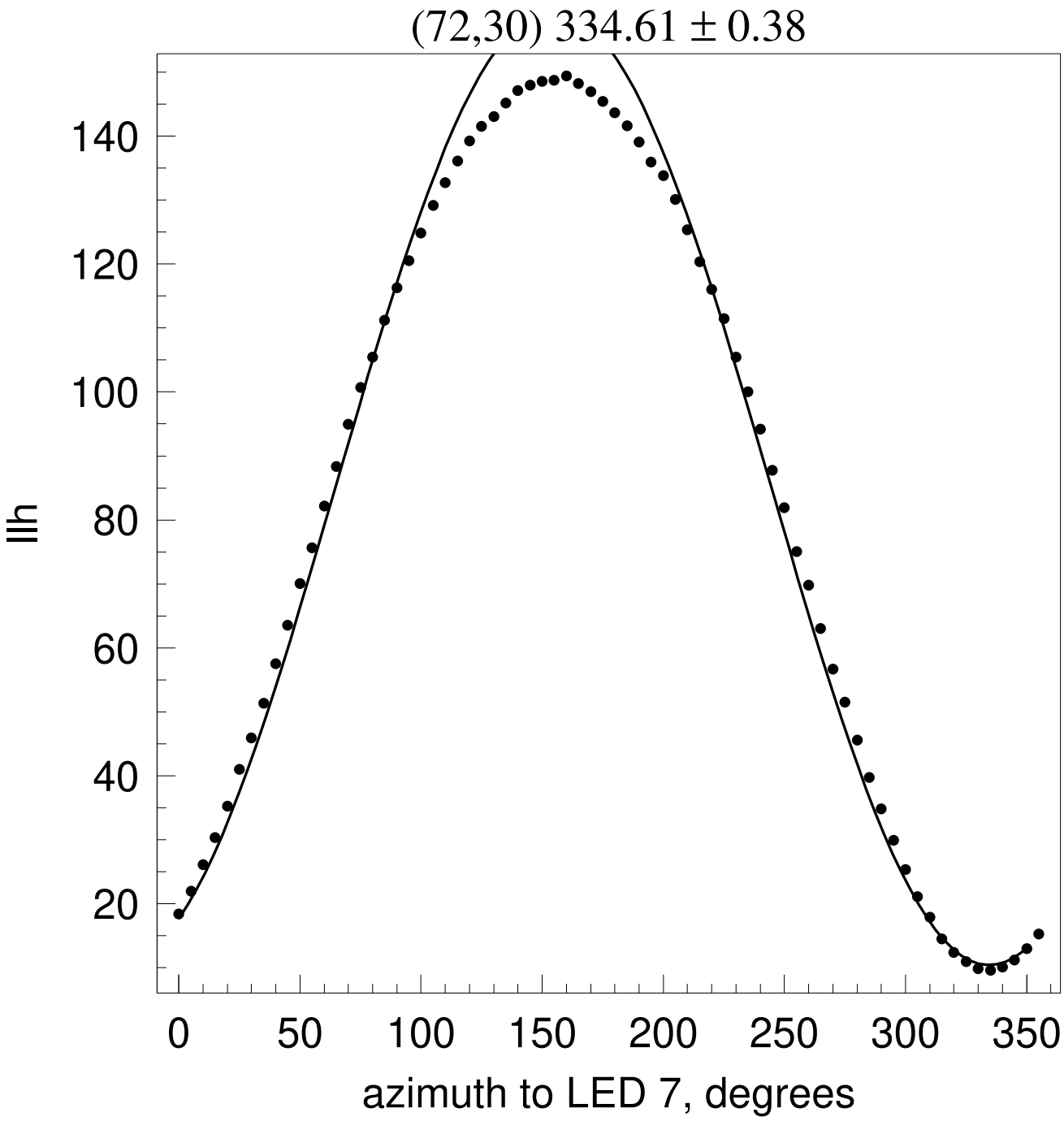

(72,25) 226.99 ± 0.17
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

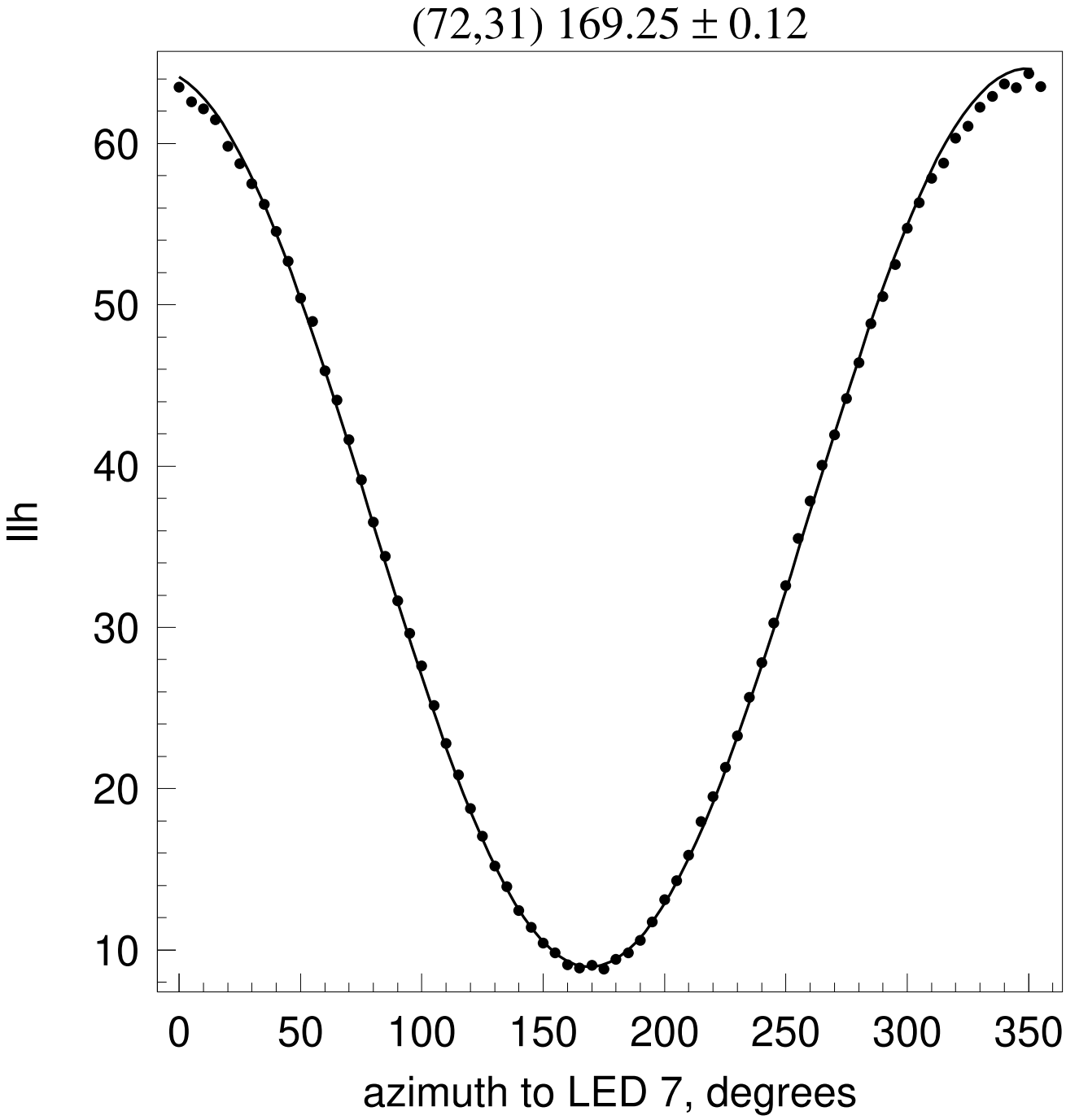

(72,26) 223.19 ± 0.14
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

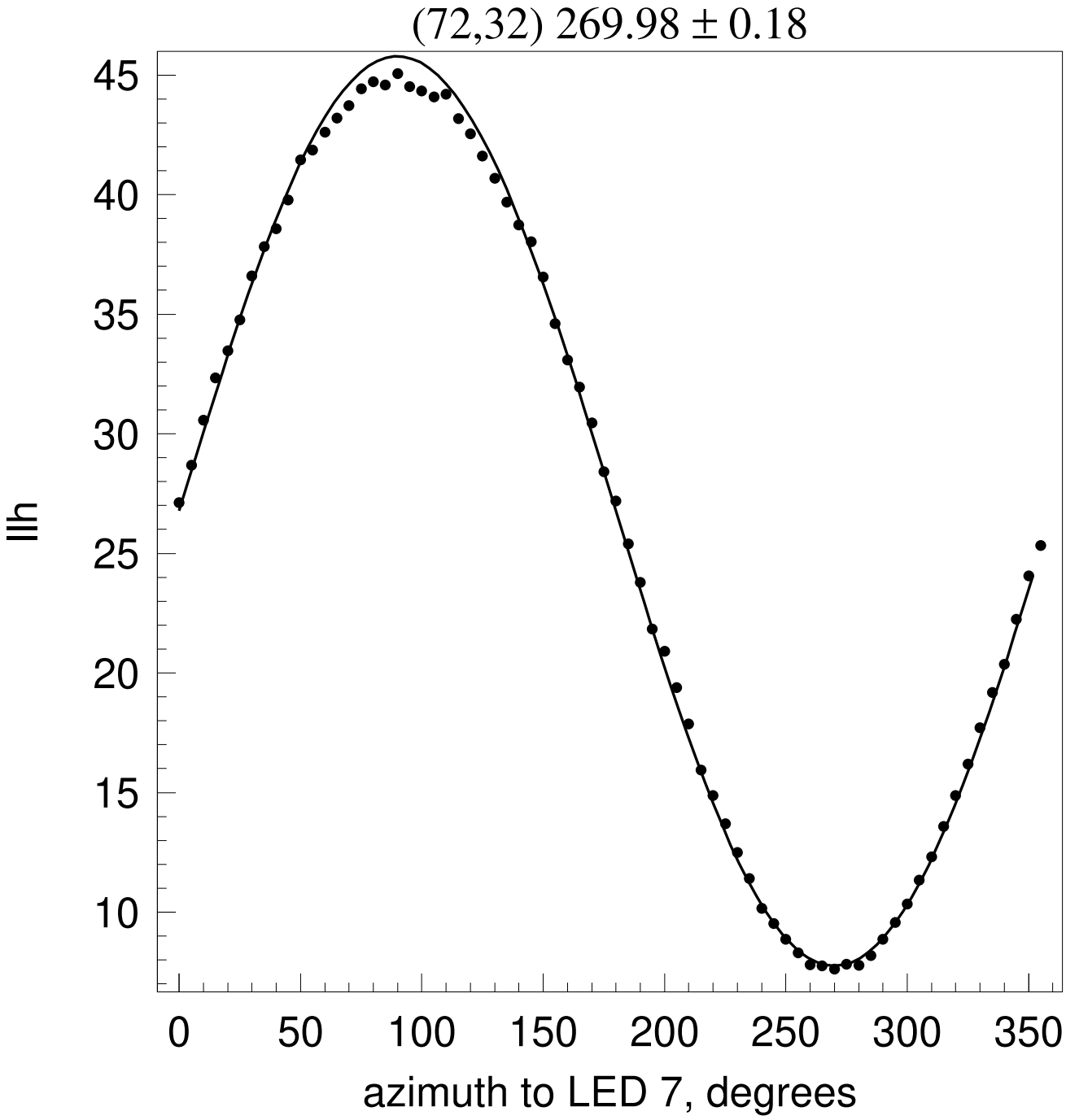

(72,27) 163.49 ± 0.32
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

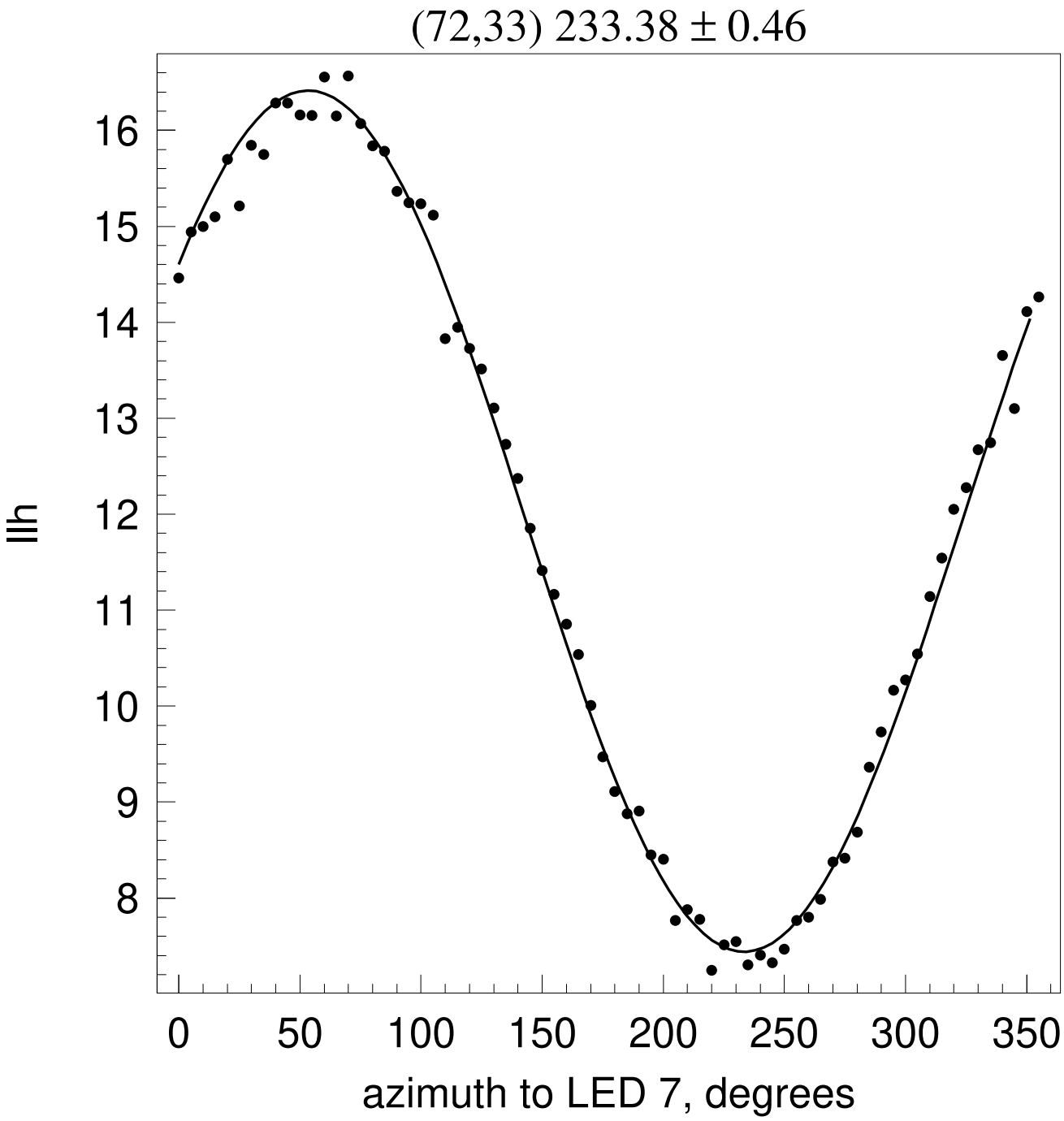

(72,28) 159.45 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

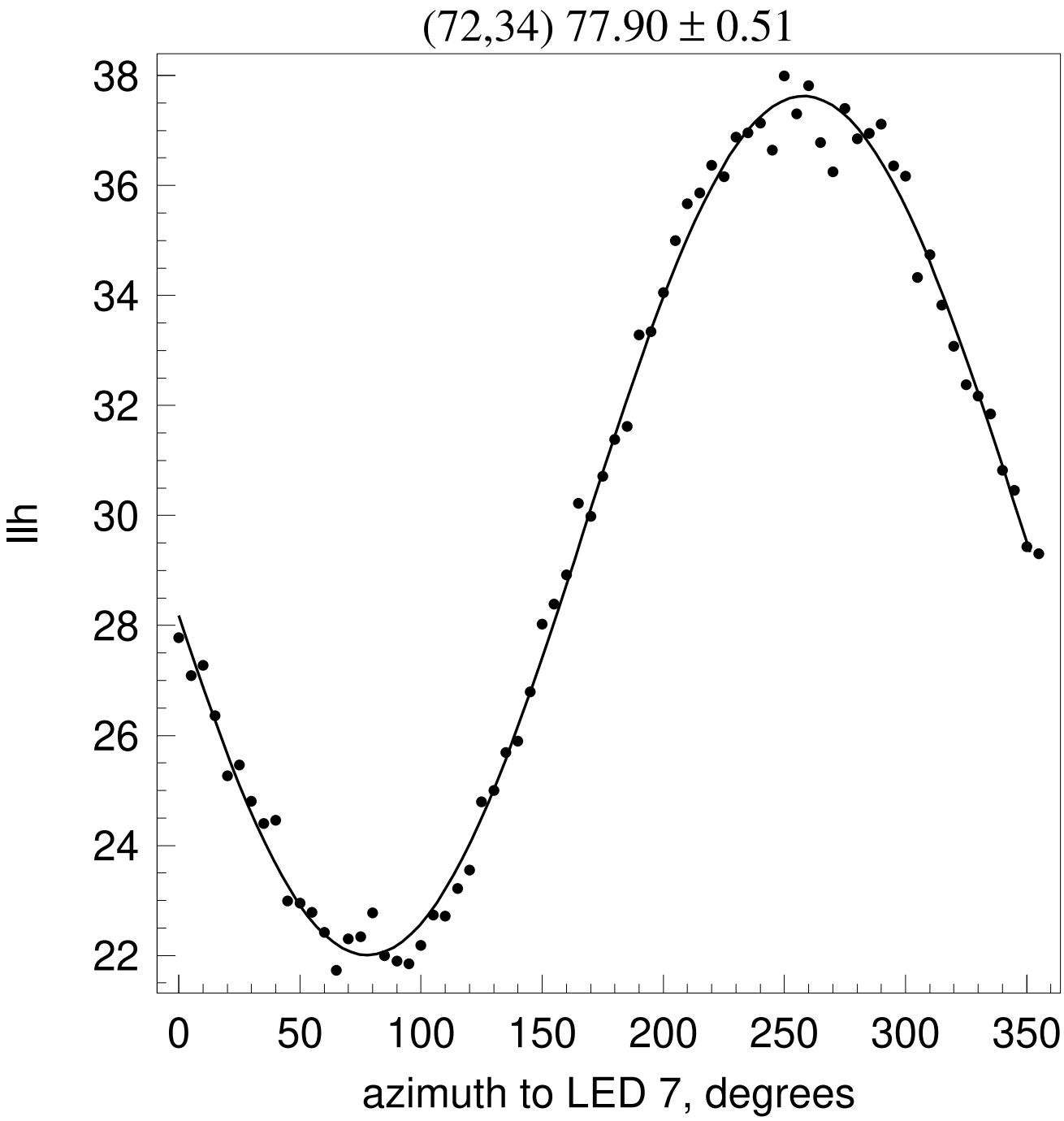

(72,29) 298.58 ± 0.43
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

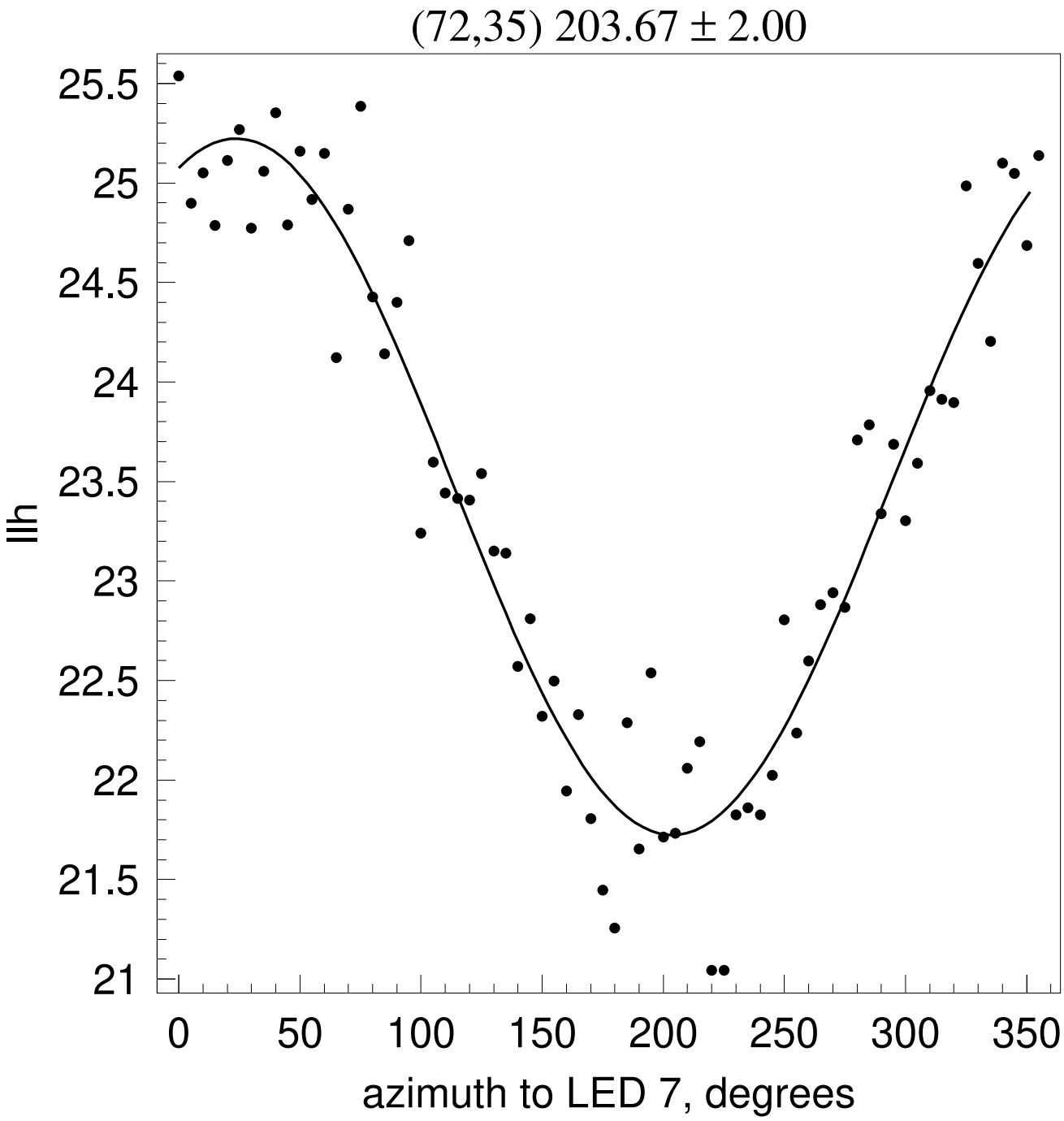

(72,30) 334.61 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

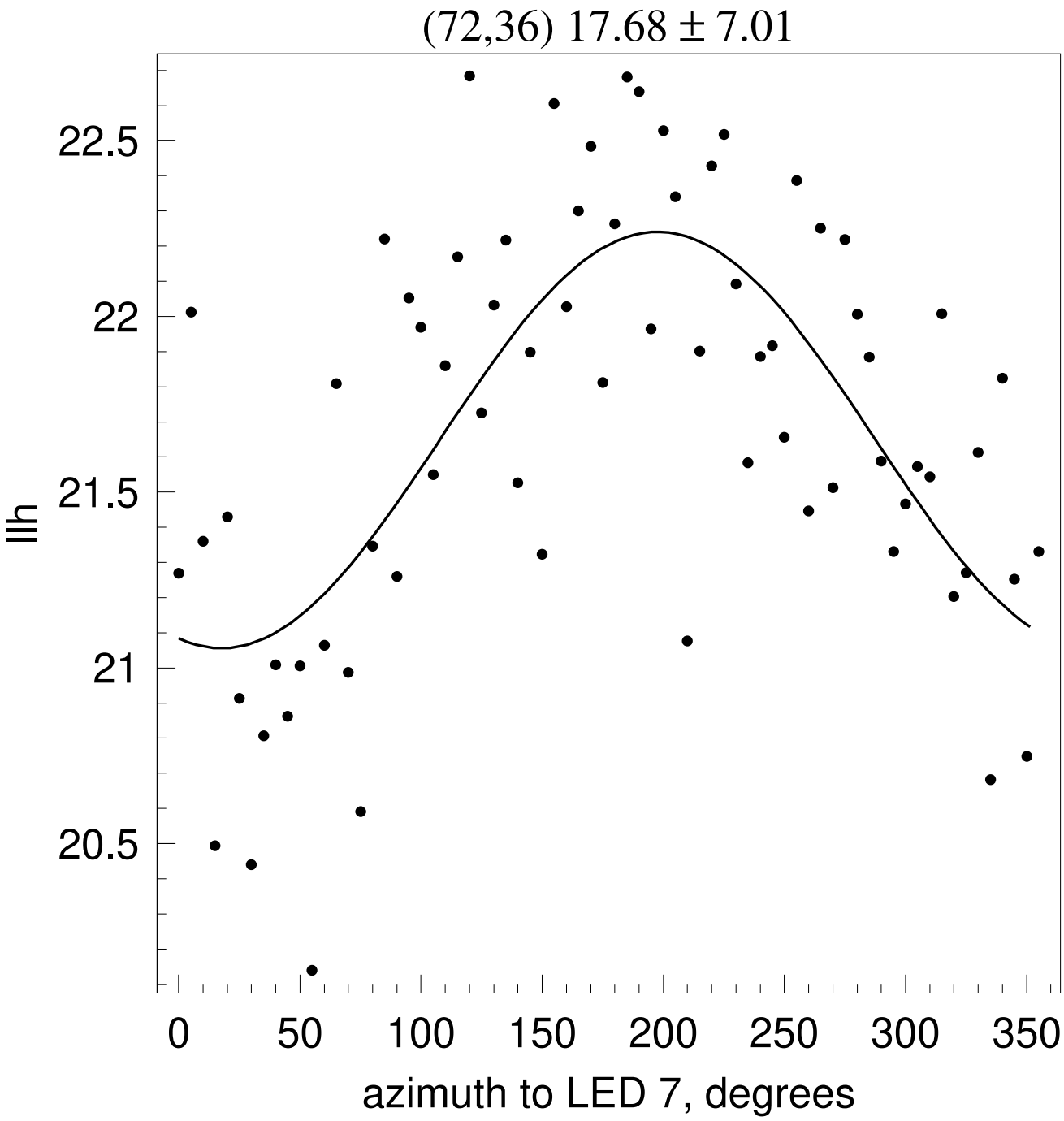

(72,31) 169.25 ± 0.12
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

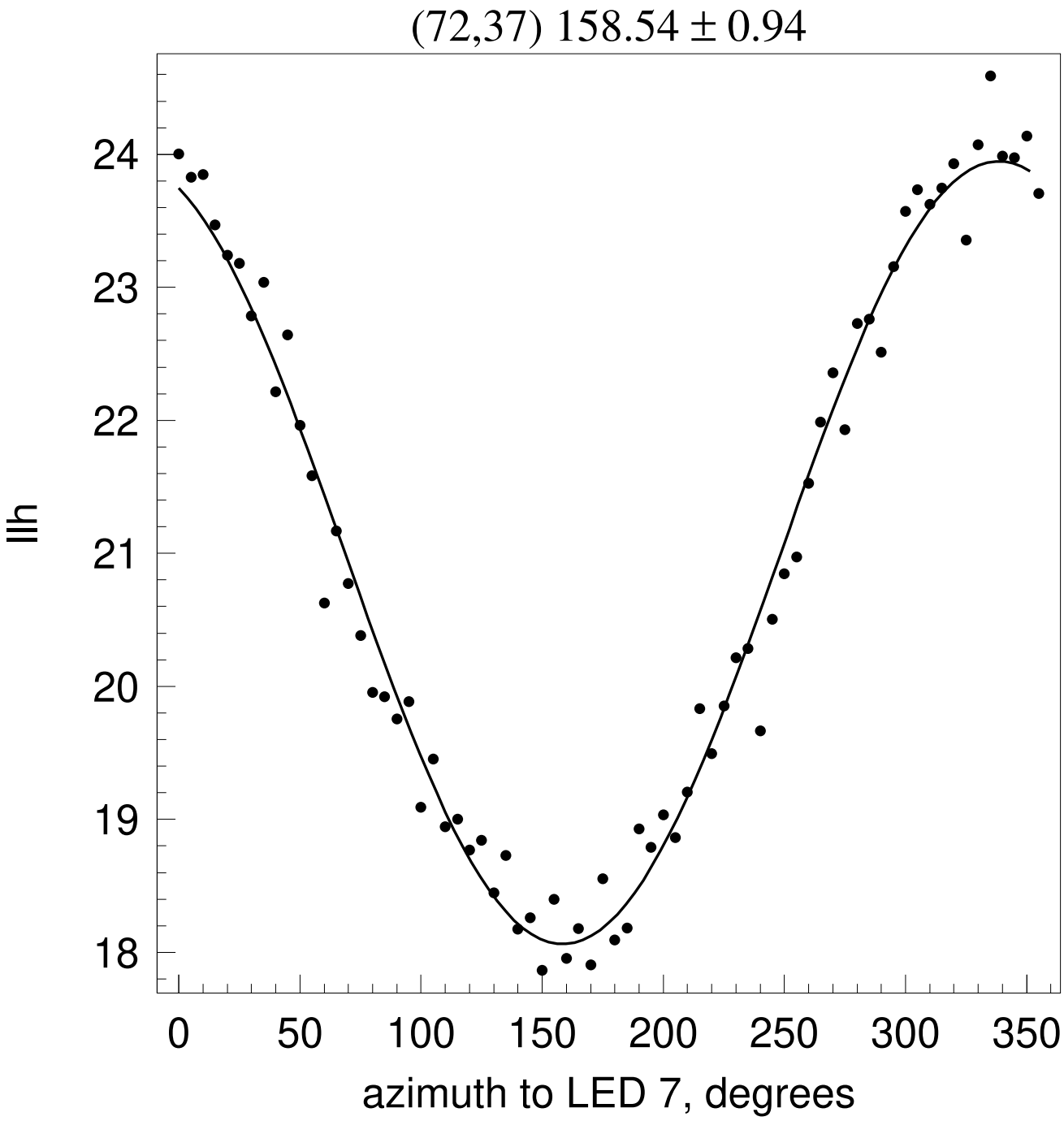

(72,32) 269.98 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

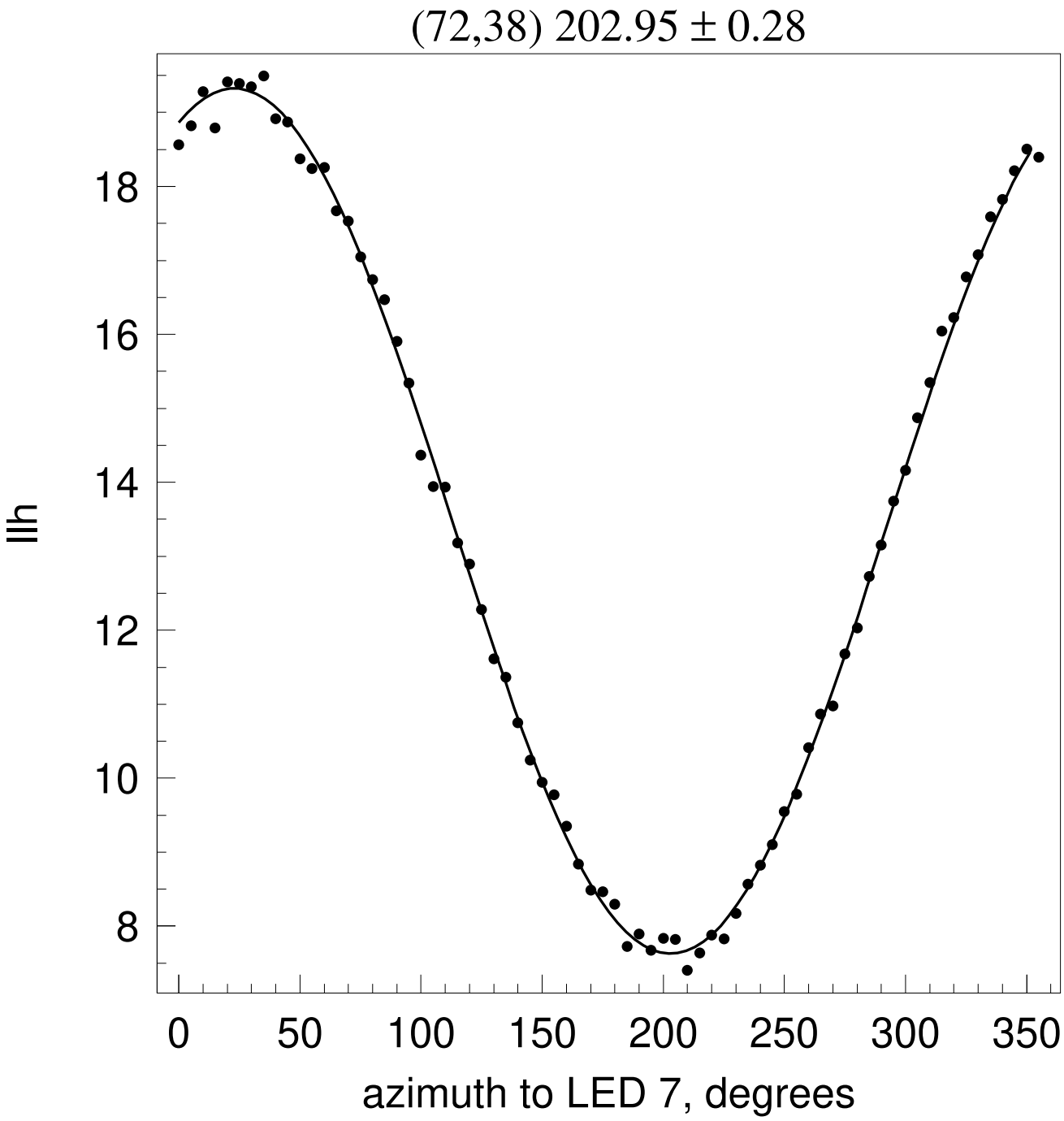

(72,33) 233.38 ± 0.46
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

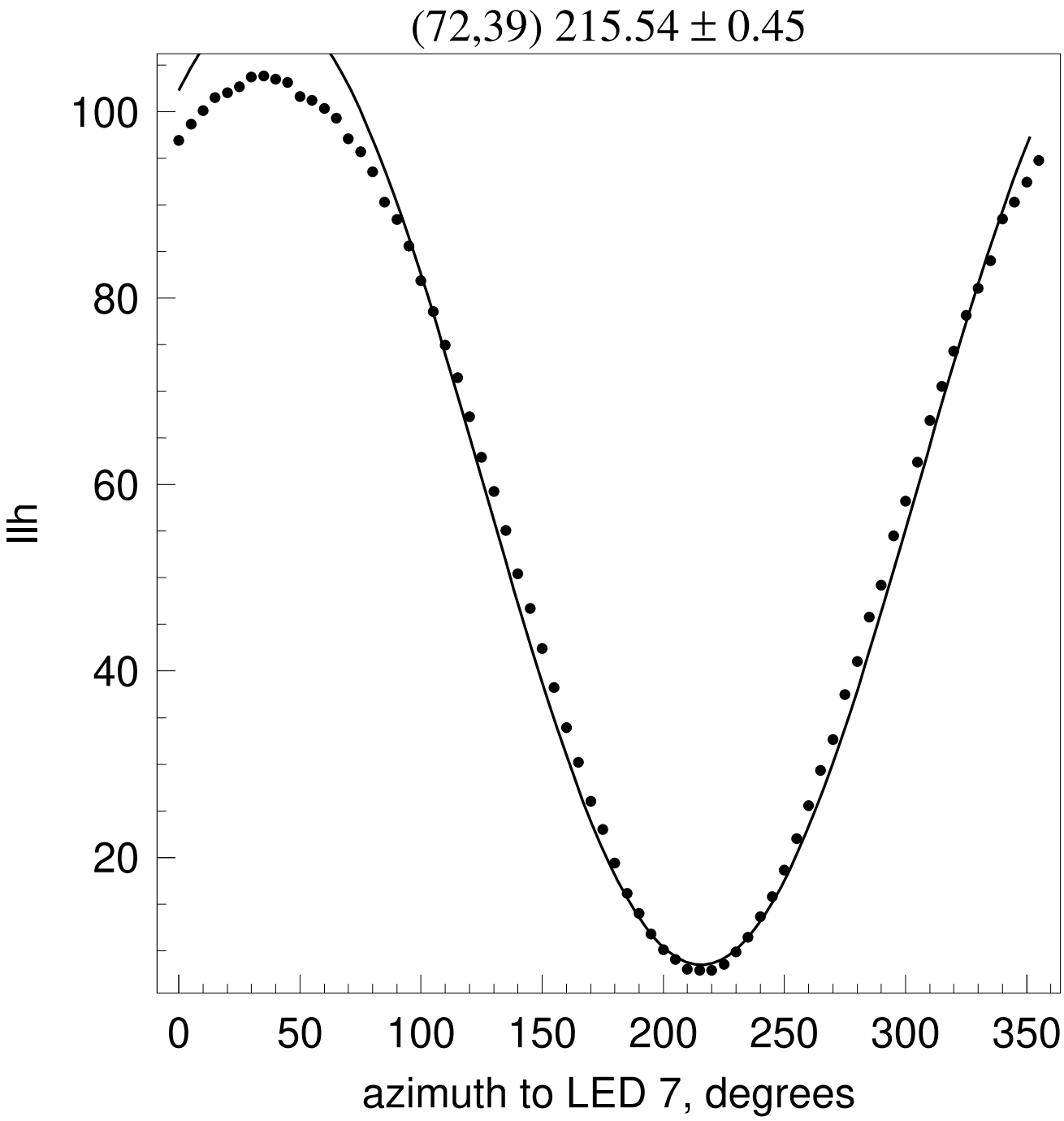

(72,34) 77.90 ± 0.51
38
36
34
32
30
28
26
24
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

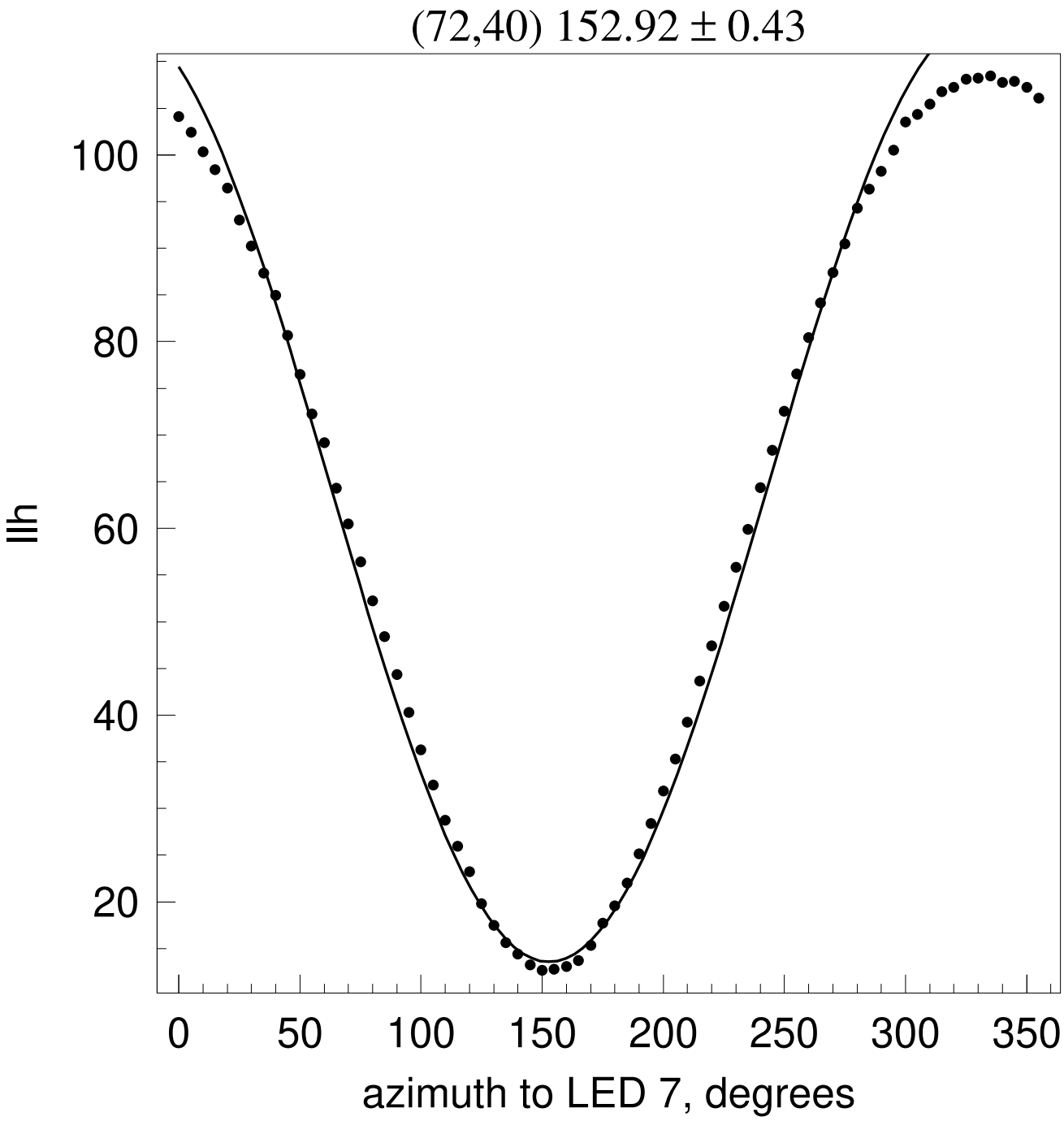

(72,35) 203.67 ± 2.00
25.5
25
24.5
24
23.5
23
22.5
22
21.5
21
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

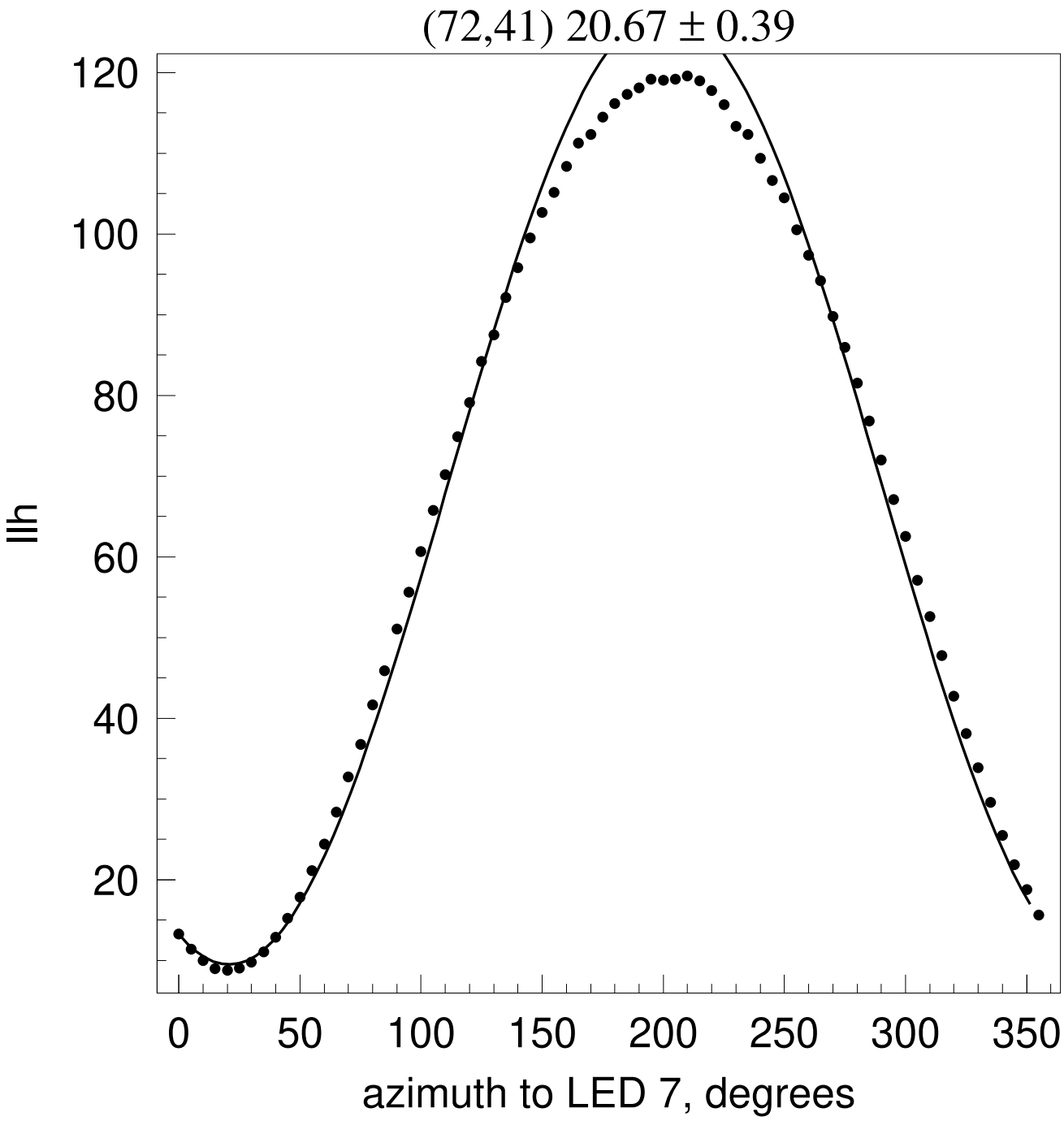

(72,36) 17.68 ± 7.01
22.5
22
21.5
21
20.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

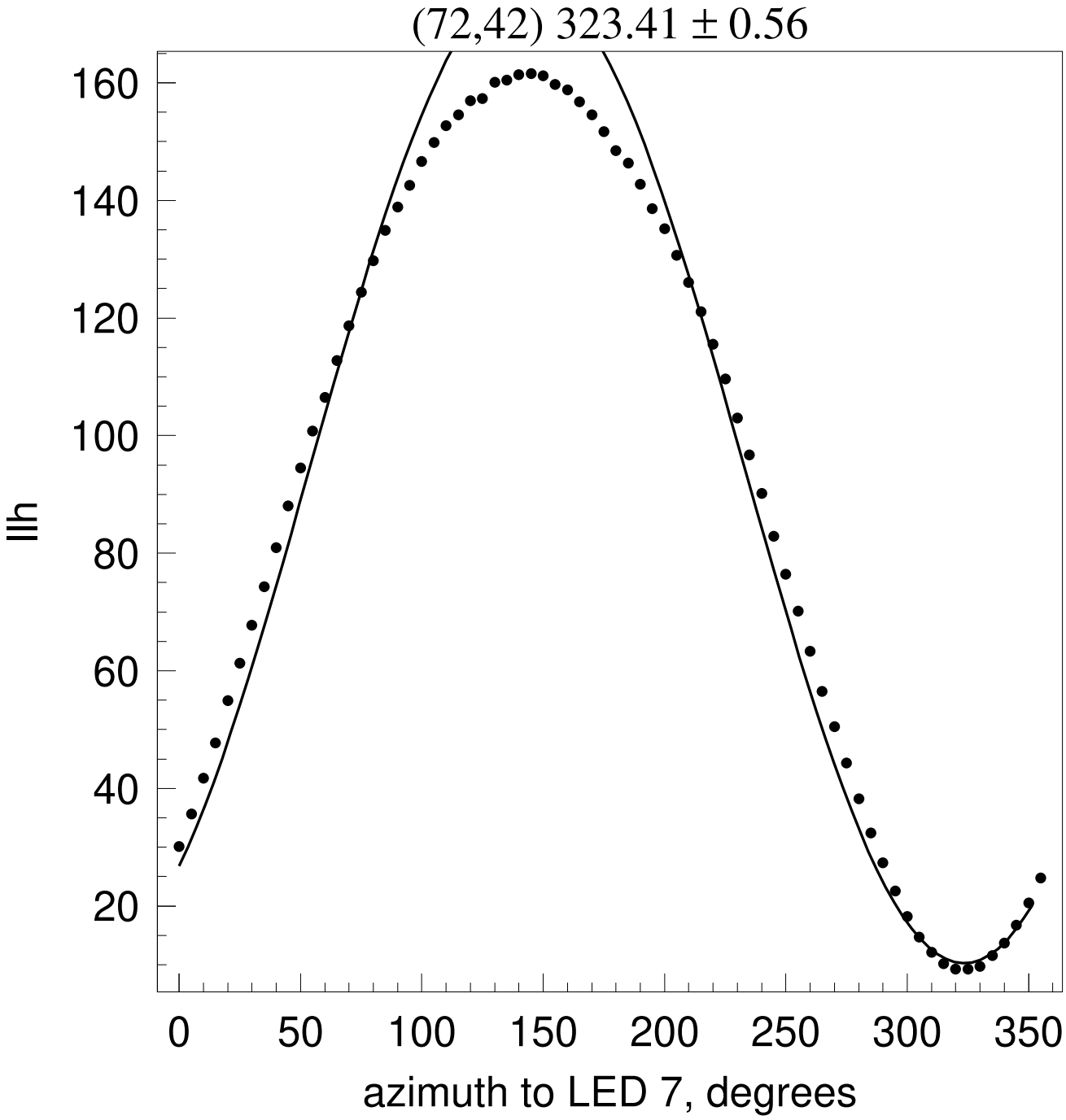

(72,37) 158.54 ± 0.94
24
23
22
21
20
19
18
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

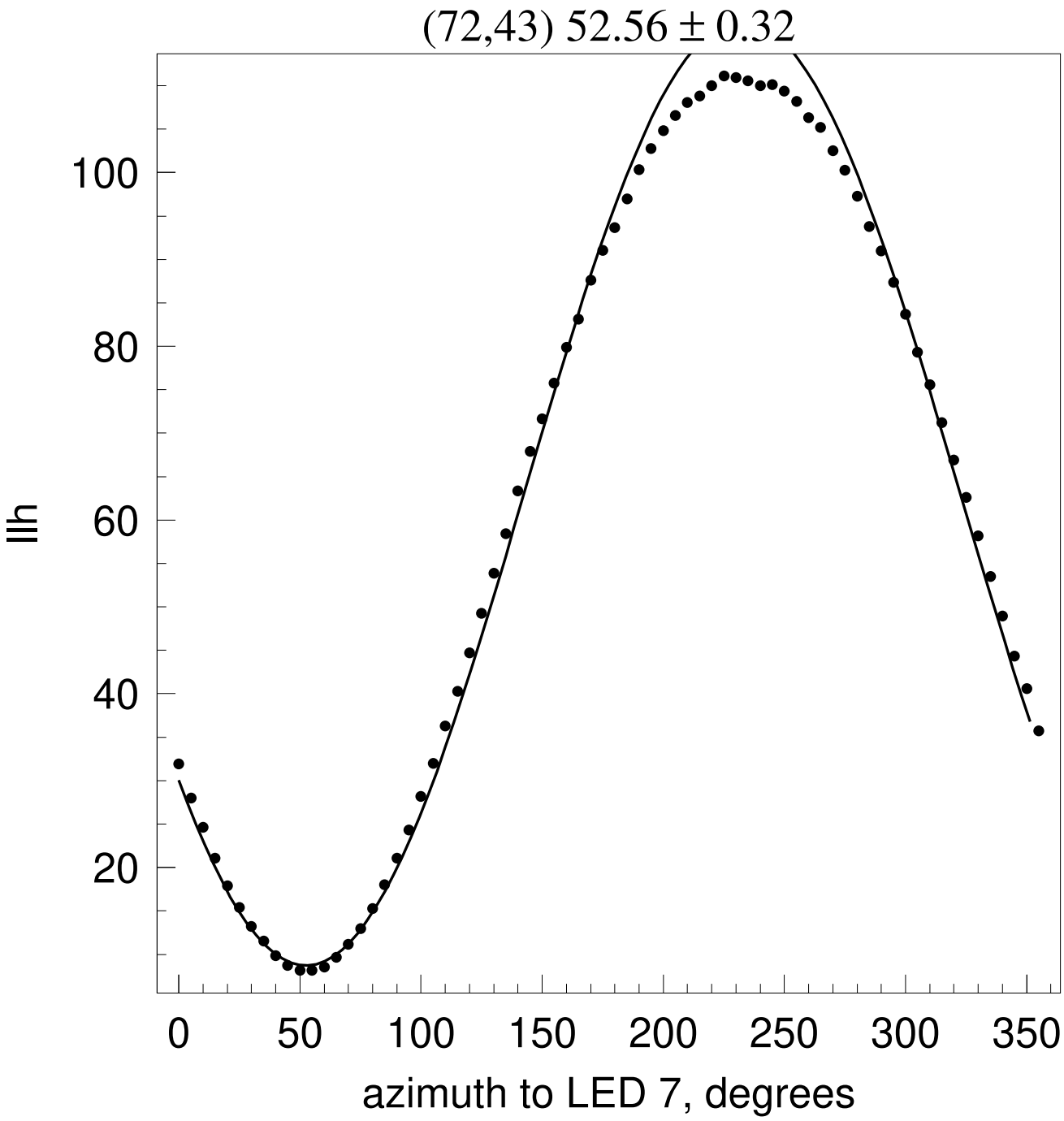

(72,38) 202.95 ± 0.28
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

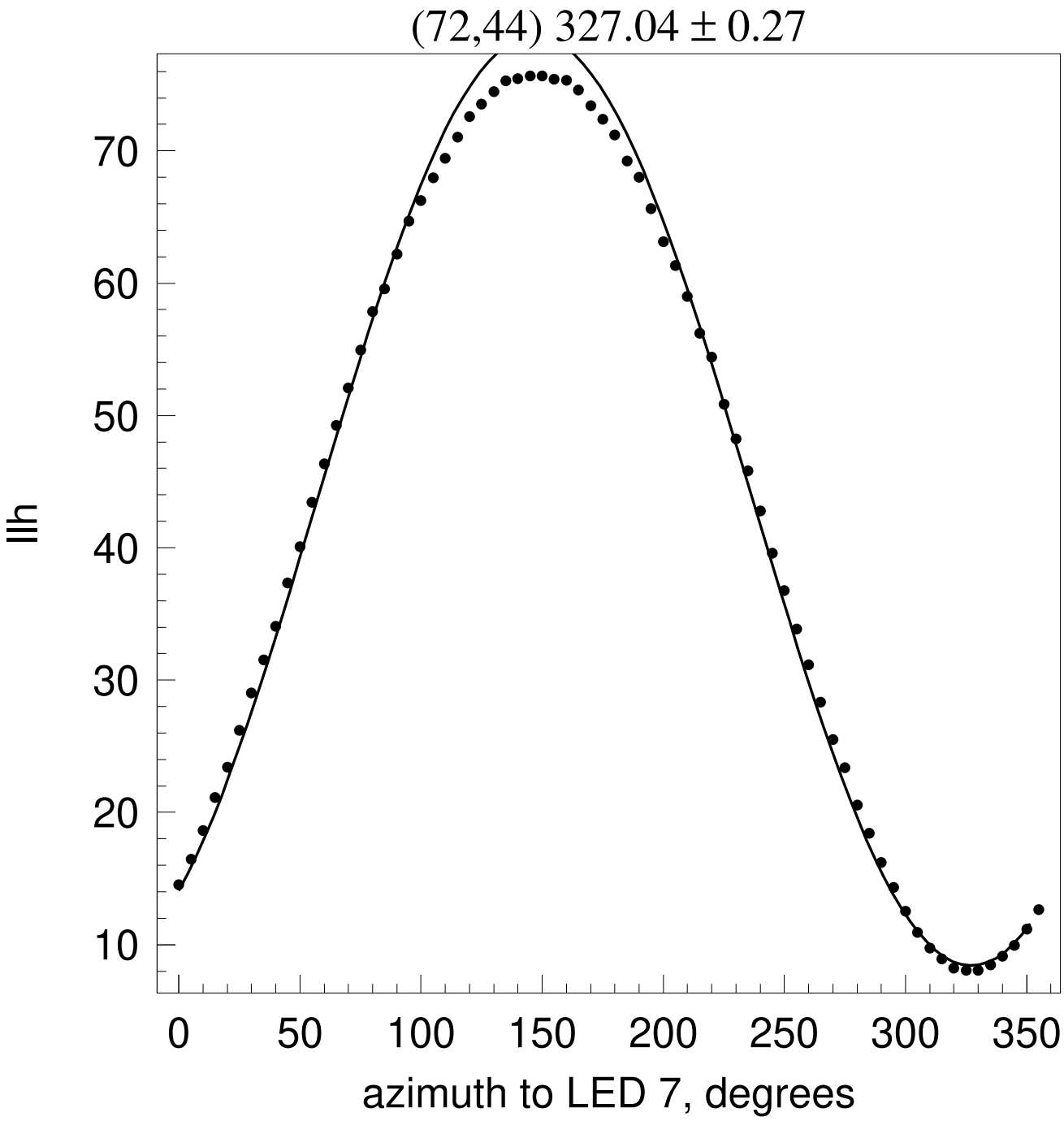

(72,39) 215.54 ± 0.45
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

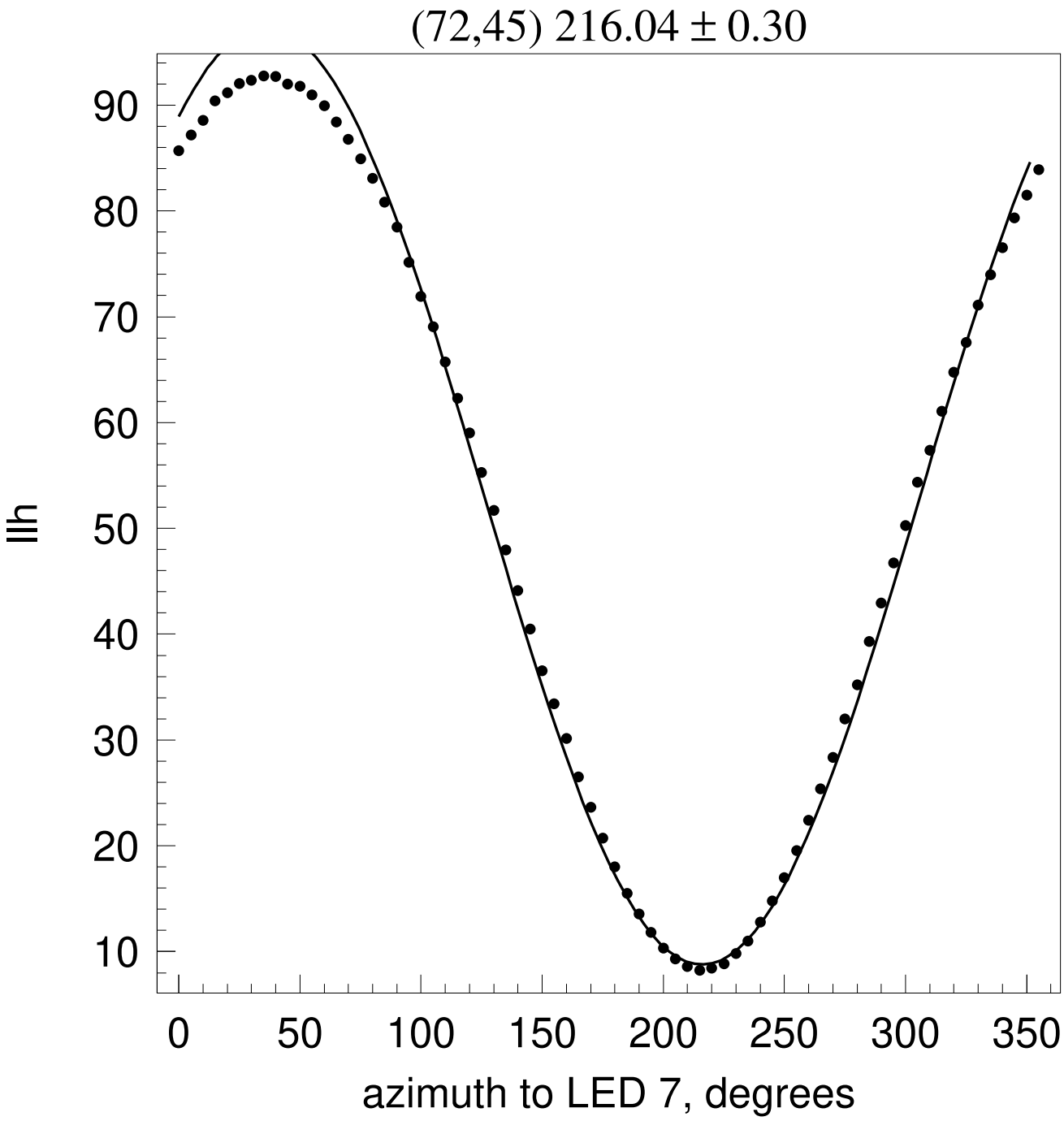

(72,40) 152.92 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

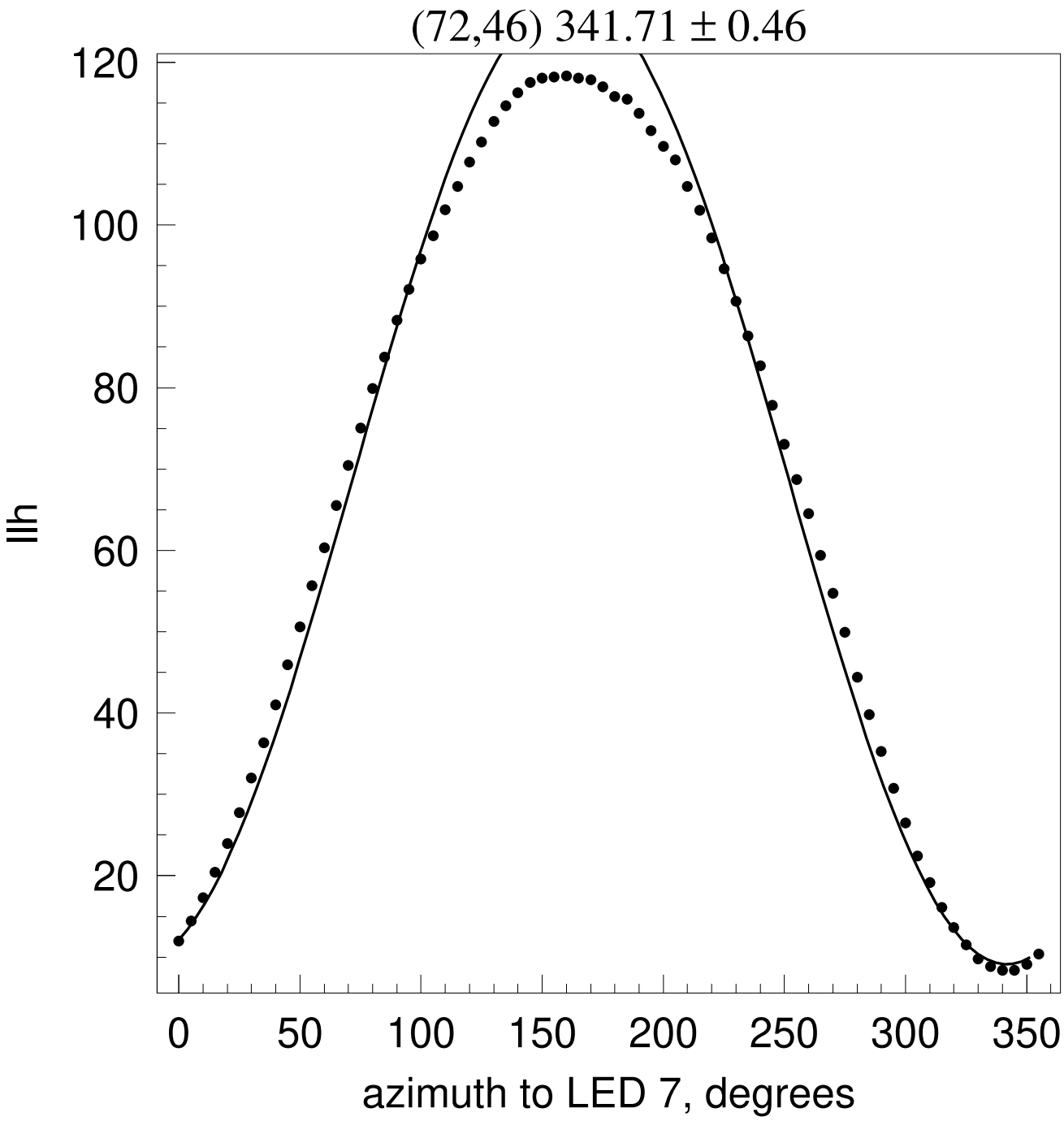

(72,41) 20.67 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

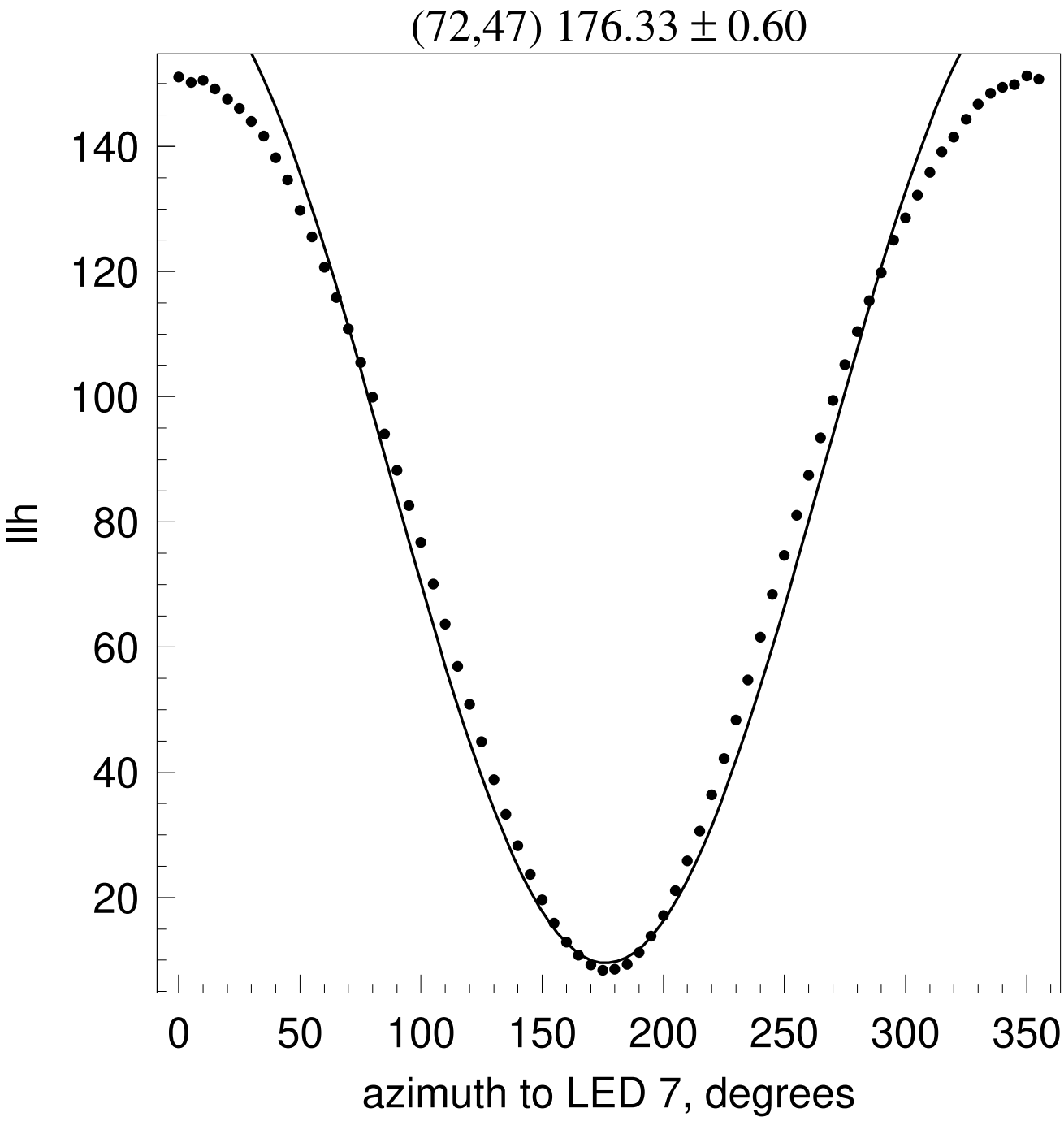

(72,42) 323.41 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

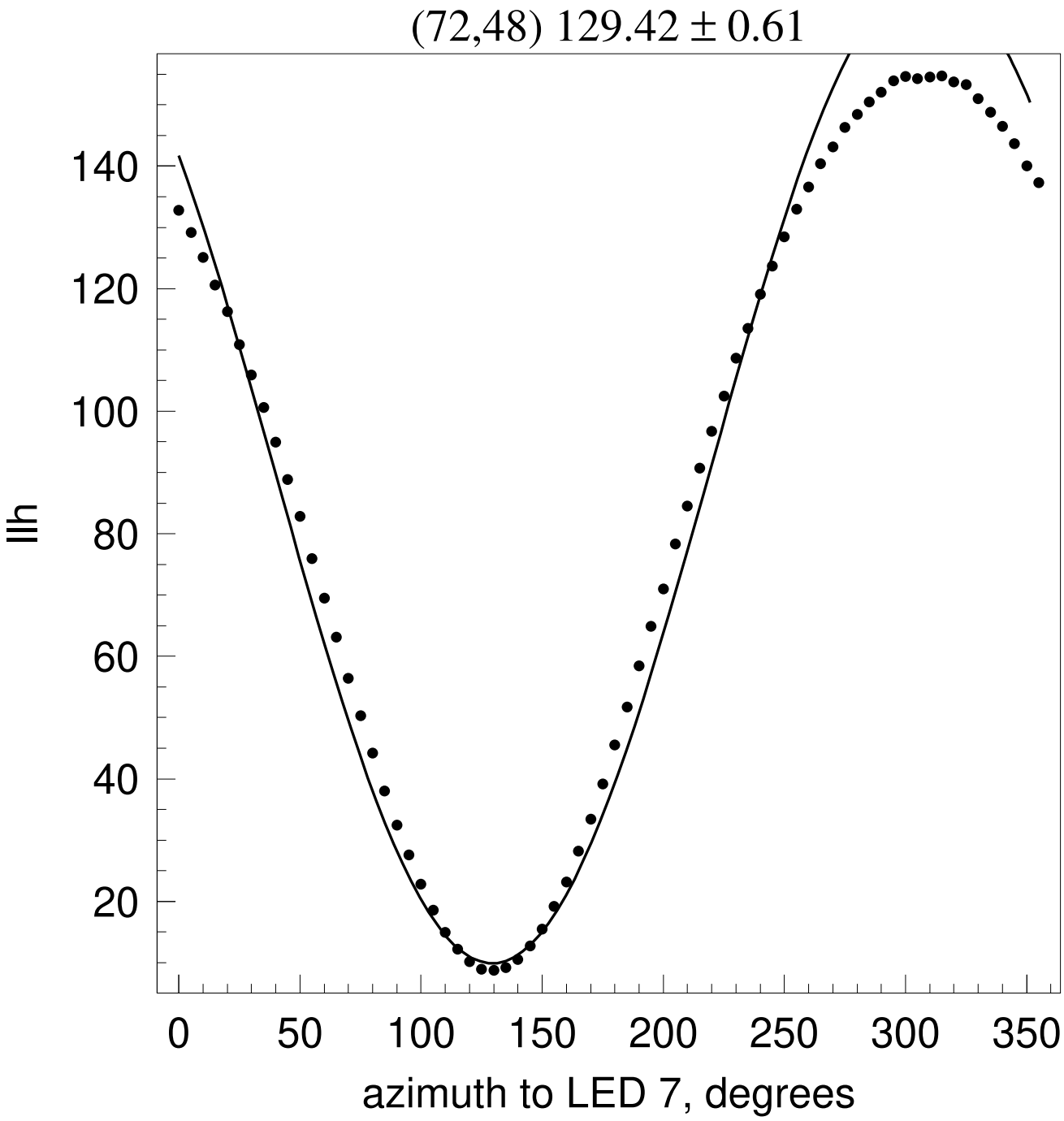

(72,43) 52.56 ± 0.32
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

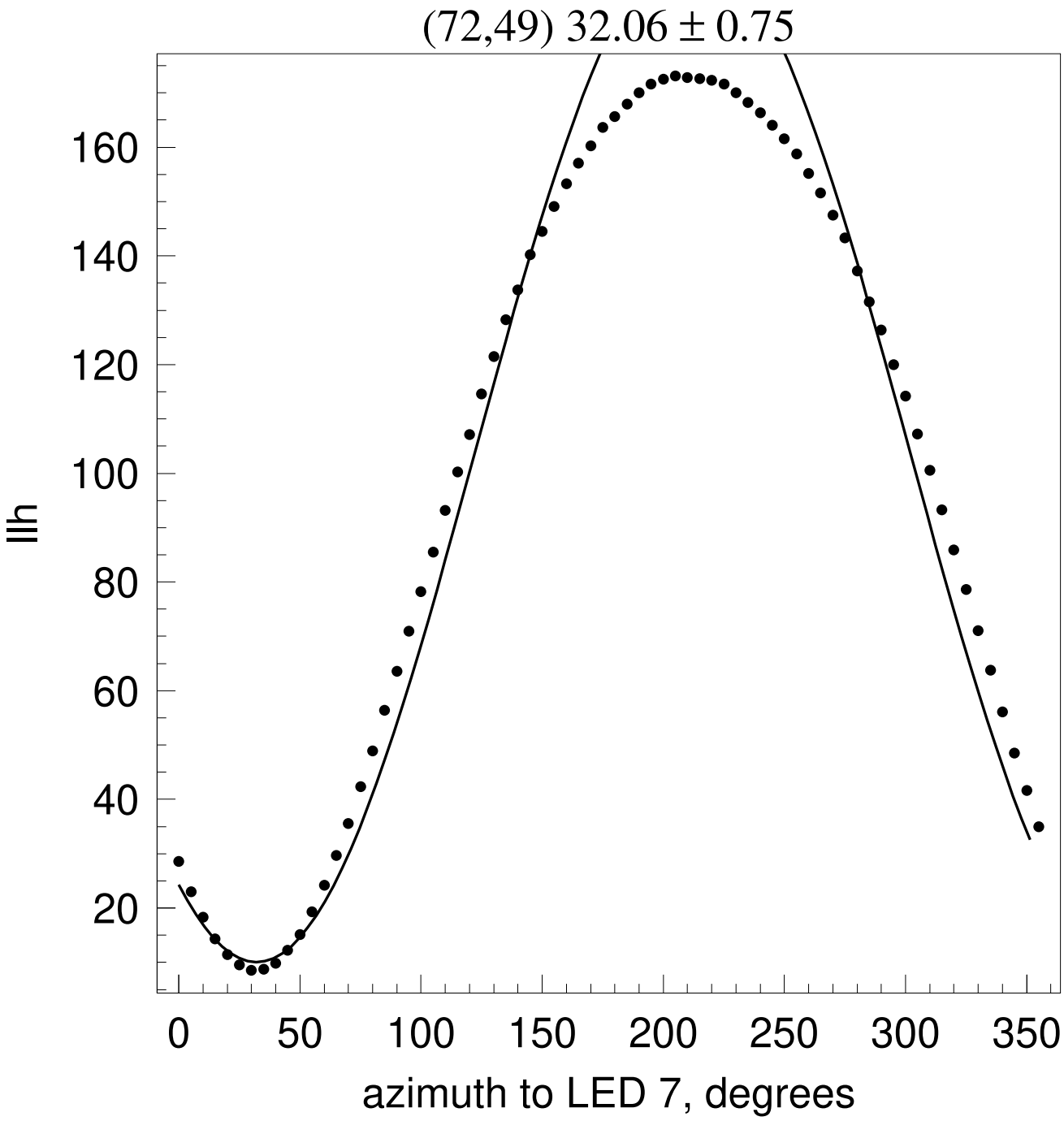

(72,44) 327.04 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

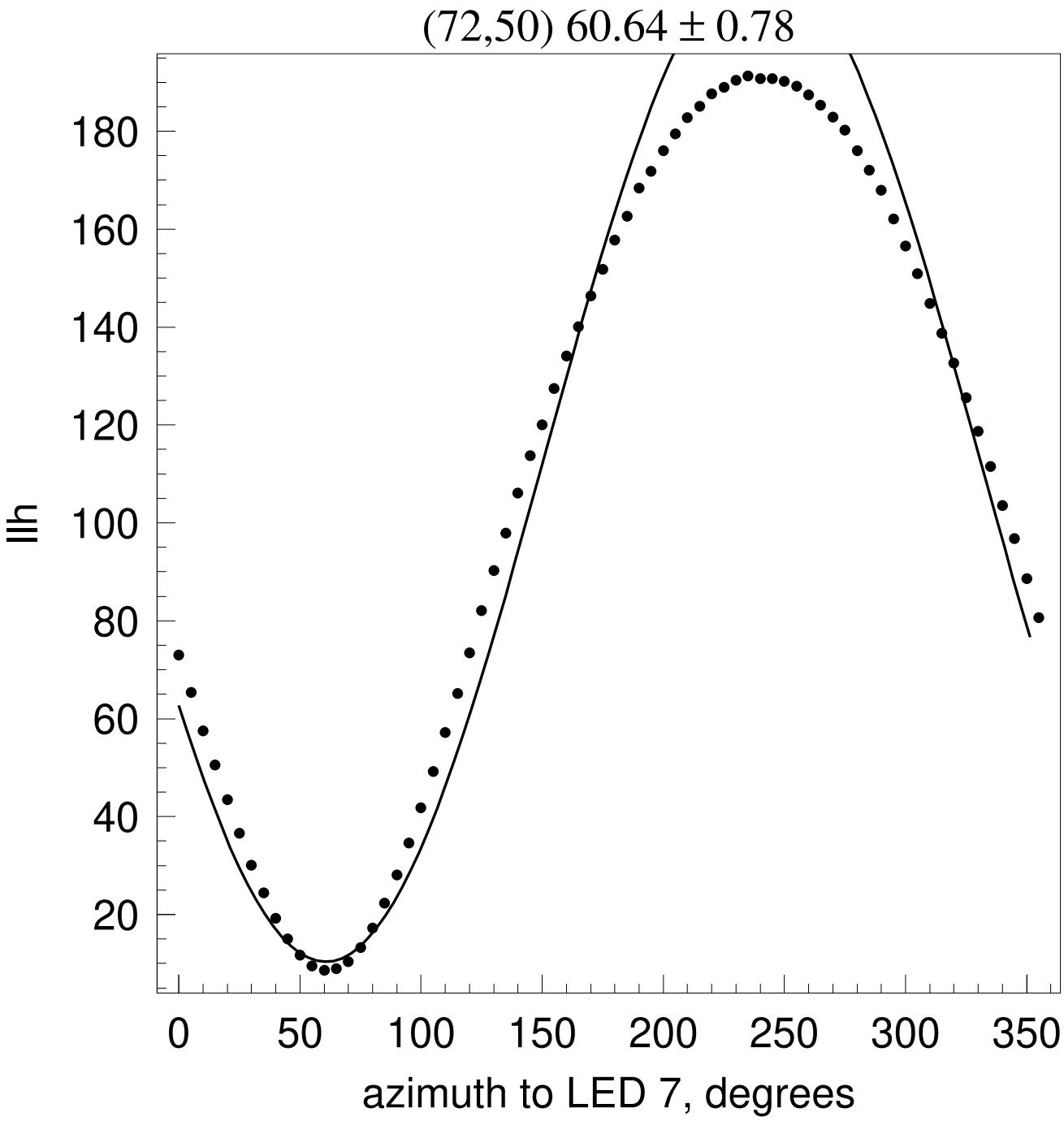

(72,45) 216.04 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

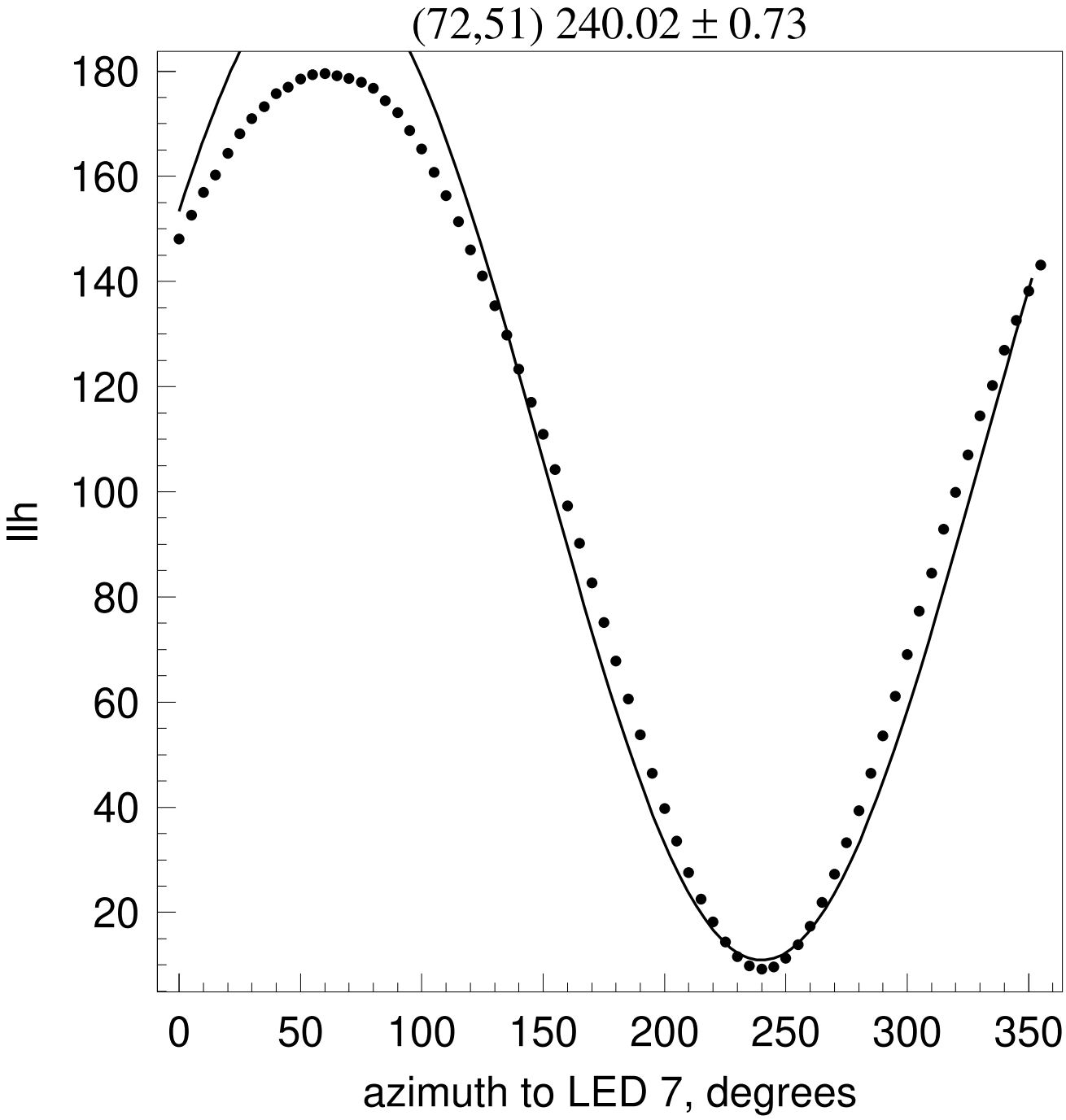

(72,46) 341.71 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

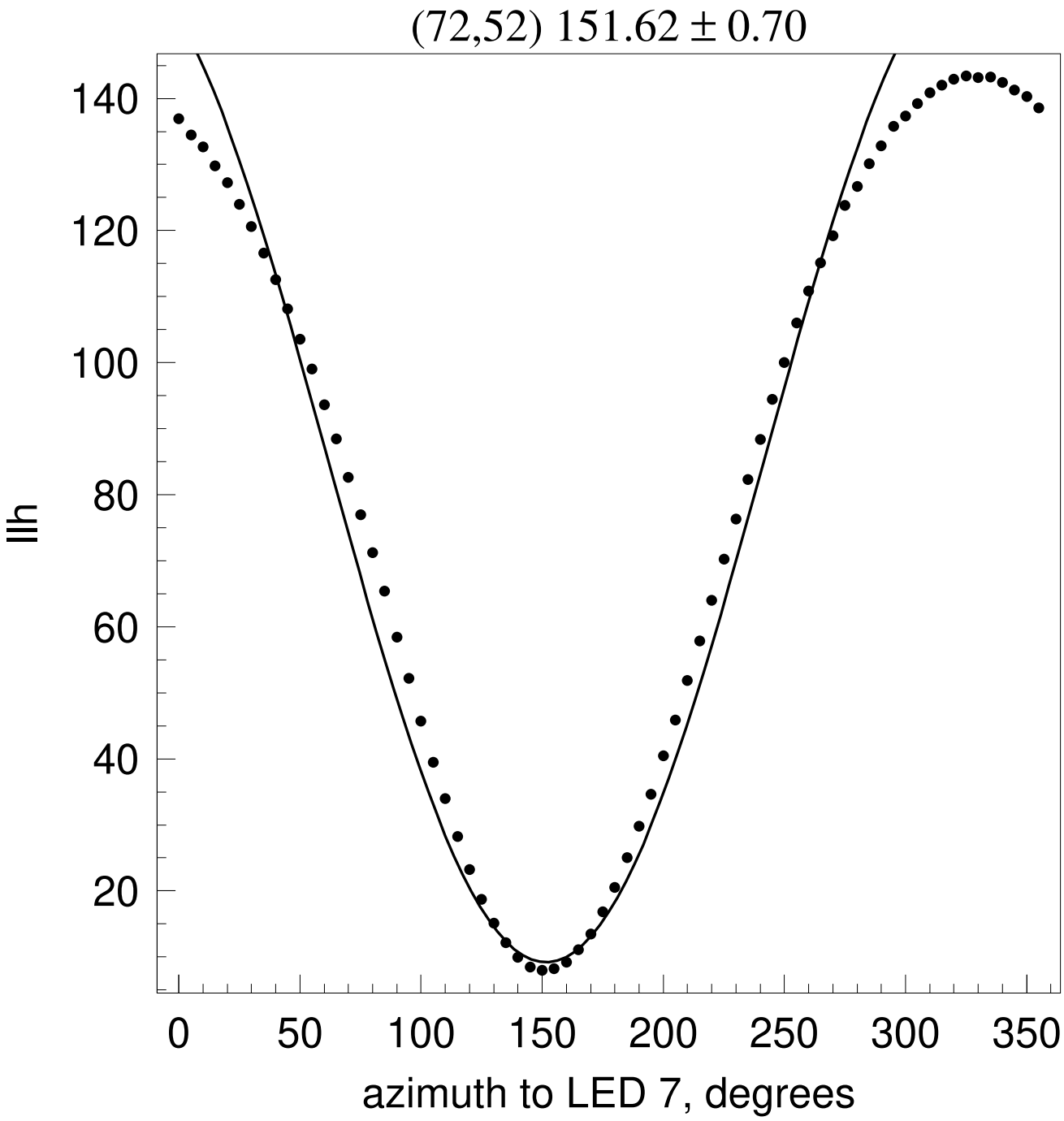

(72,47) 176.33 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

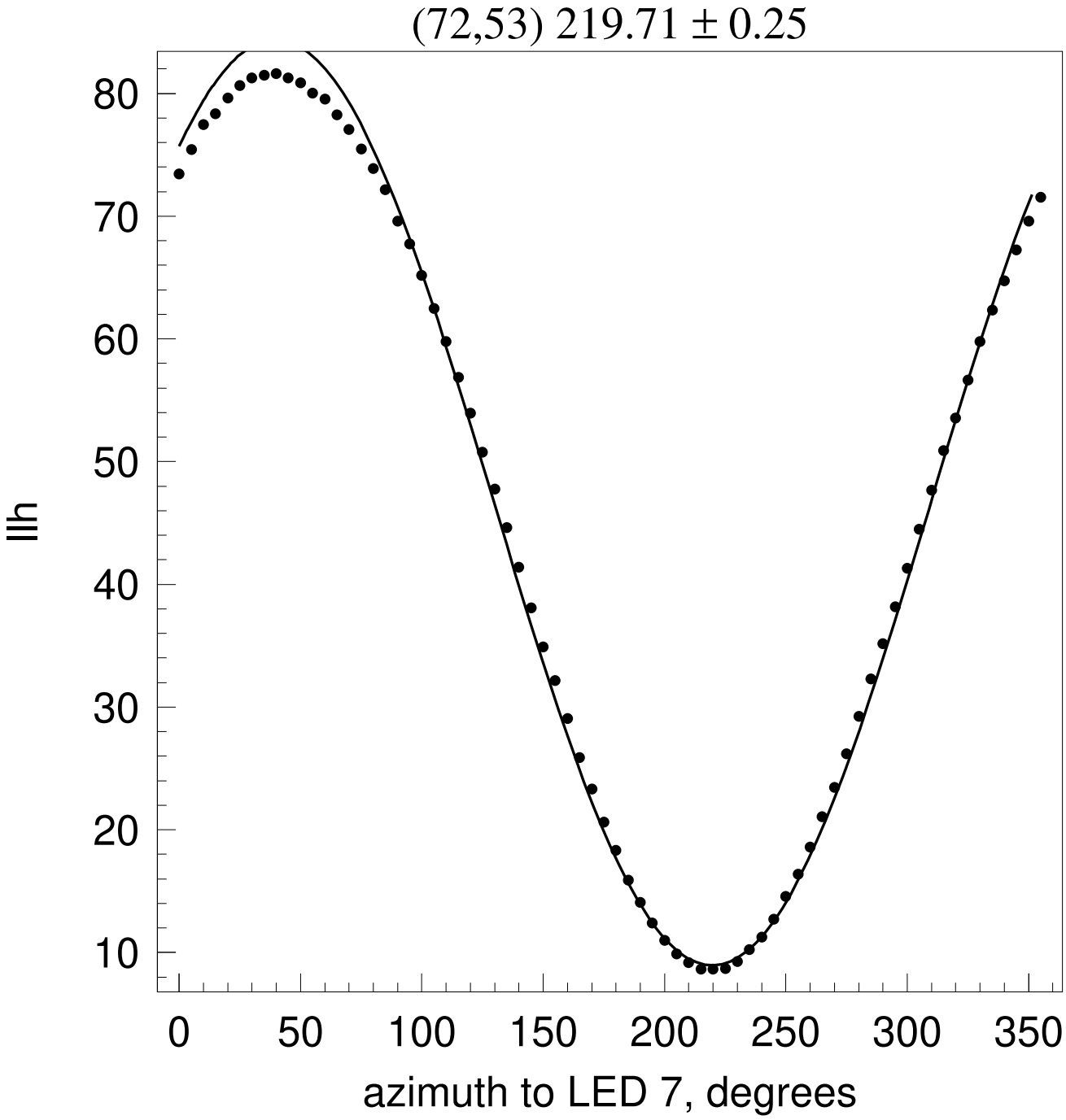

(72,48) 129.42 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

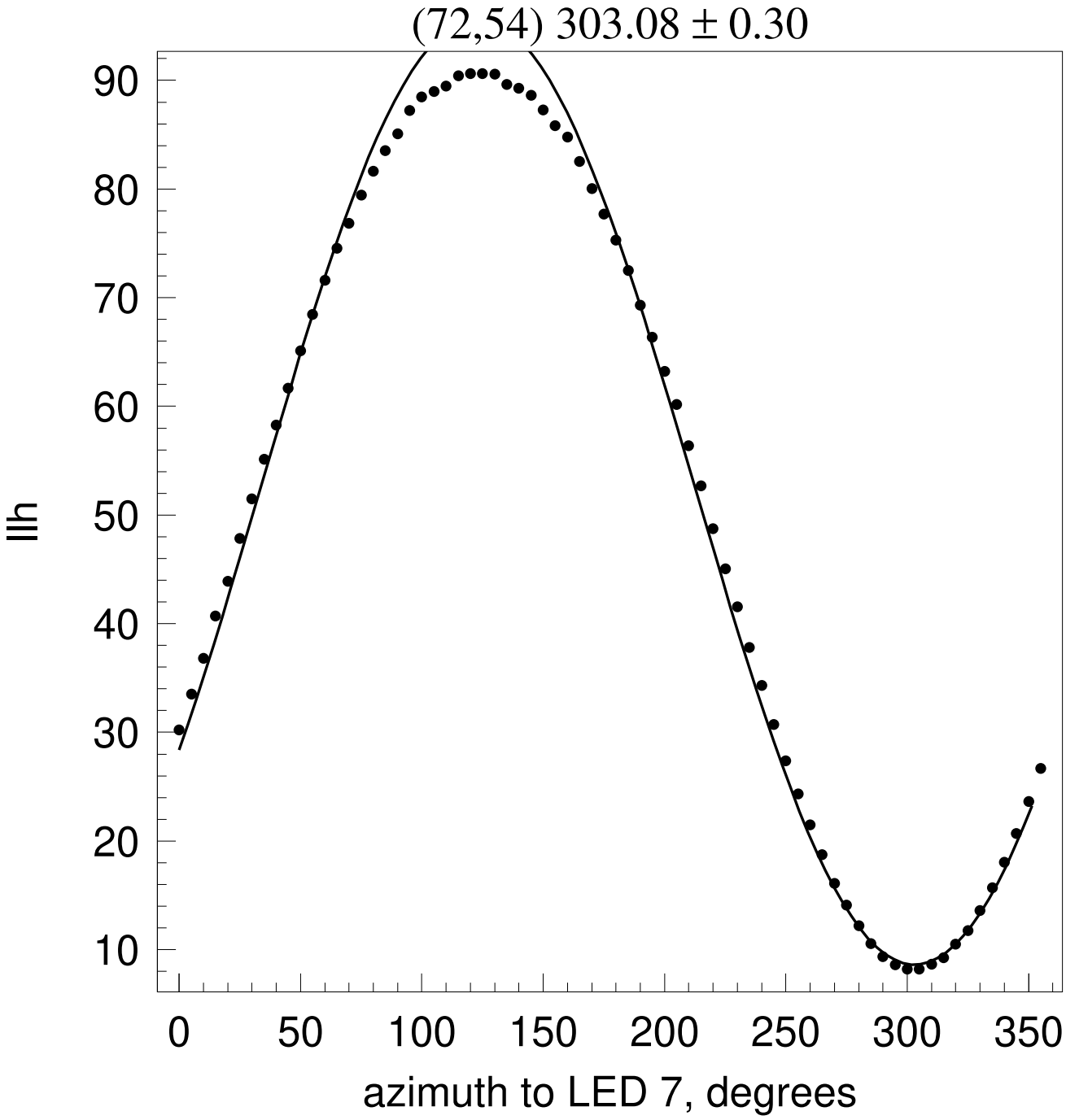

(72,49) 32.06 ± 0.75
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

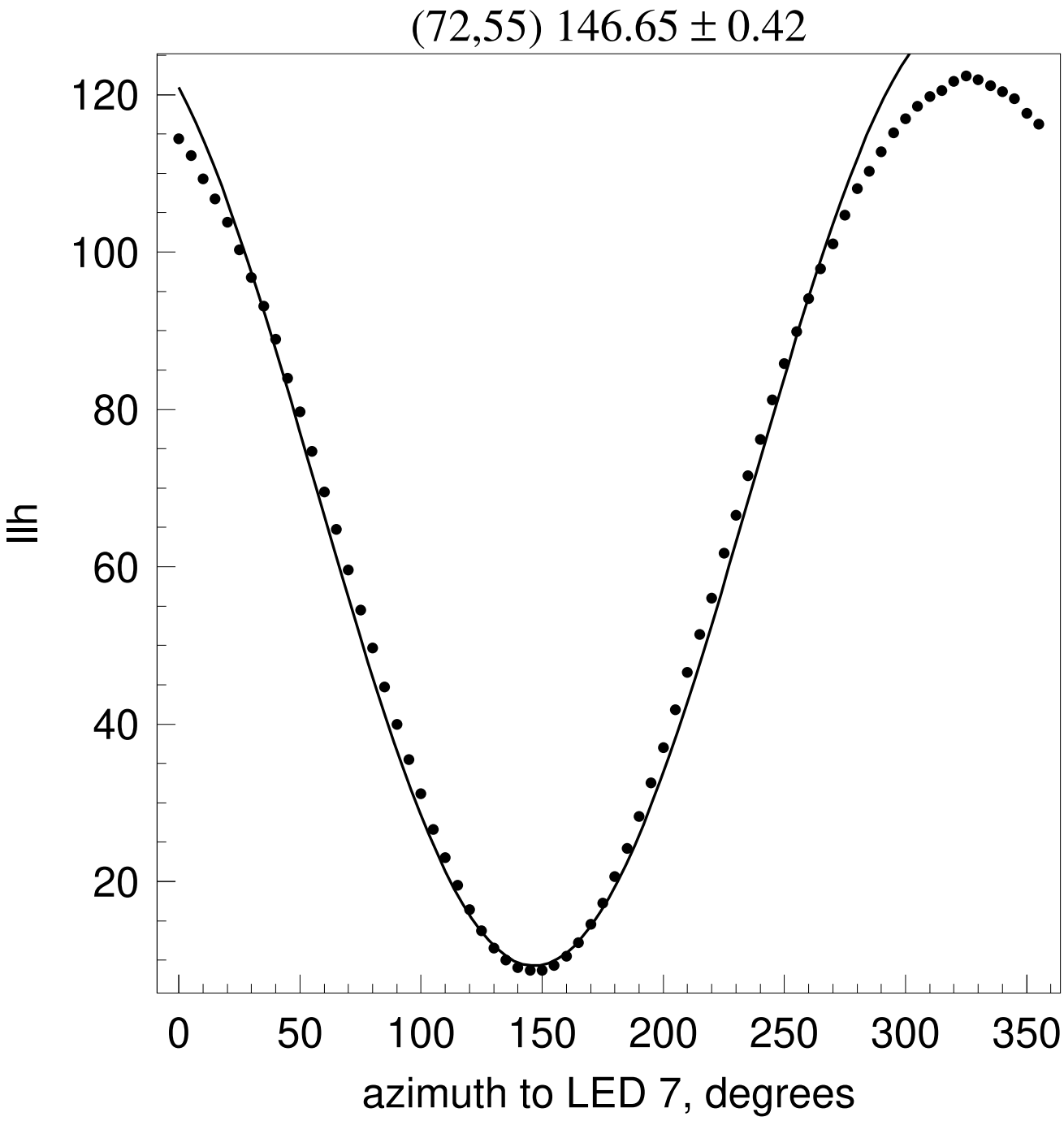

(72,50) 60.64 ± 0.78
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

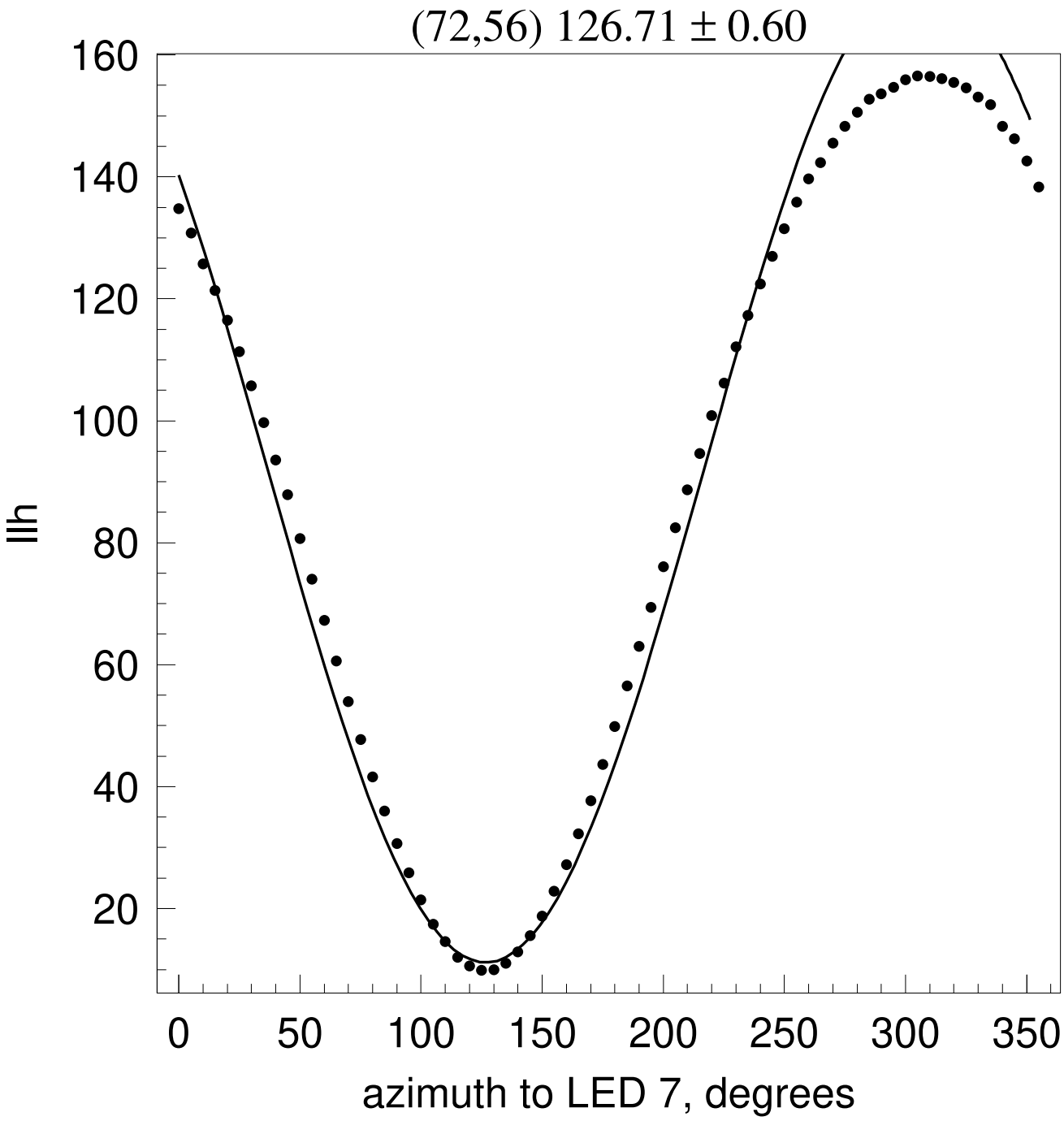

(72,51) 240.02 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

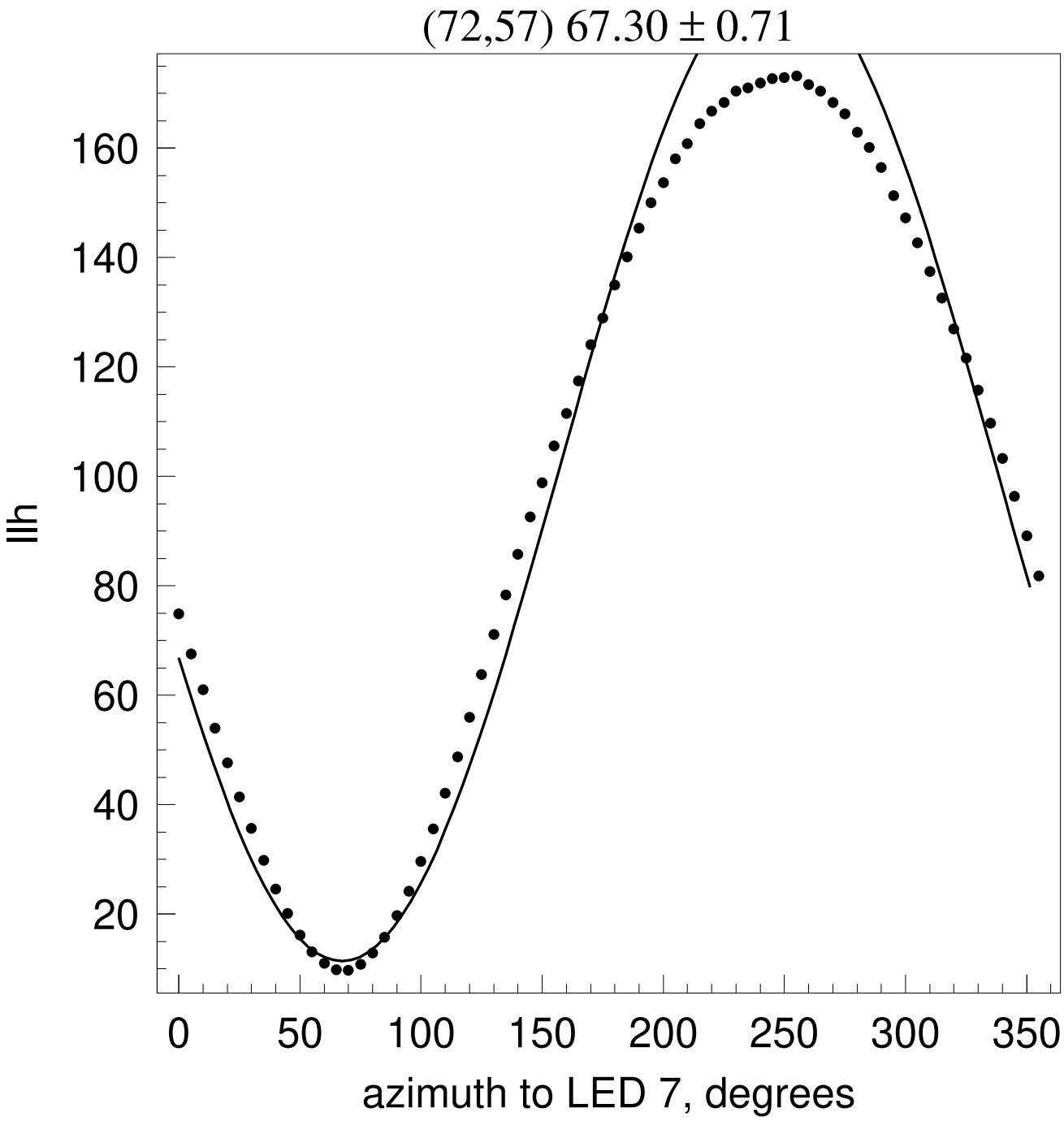

(72,52) 151.62 ± 0.70
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

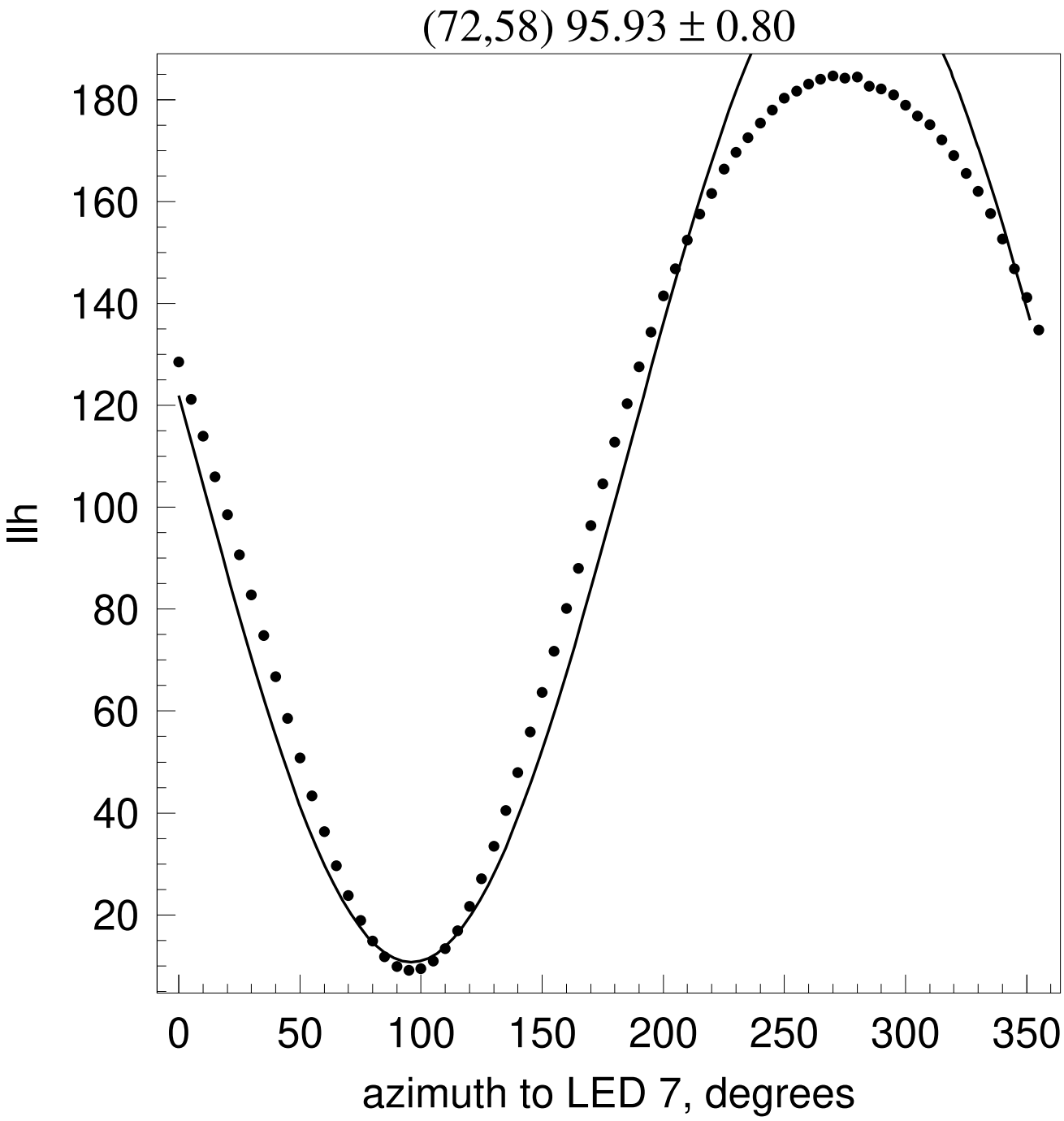

(72,53) 219.71 ± 0.25
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

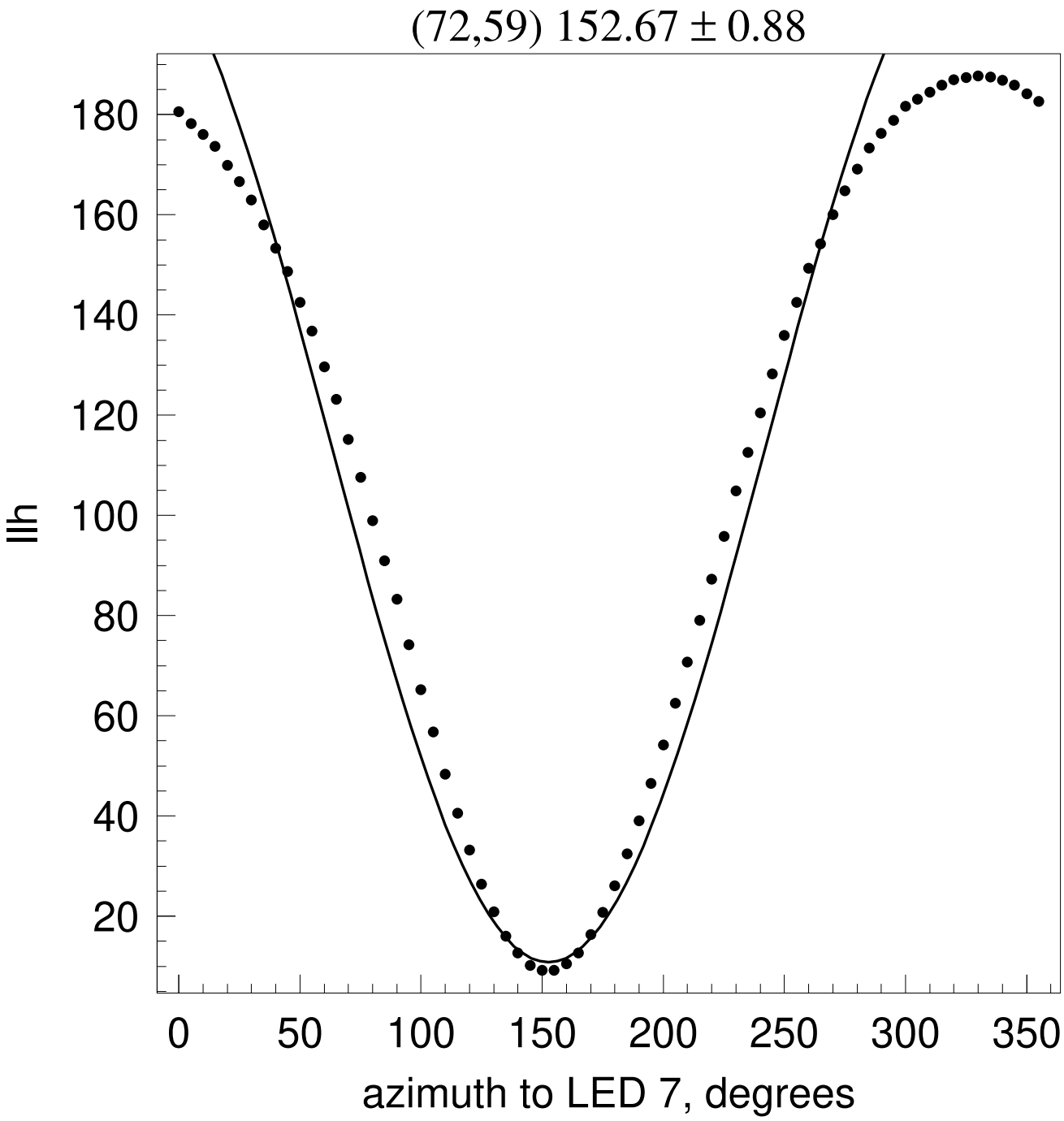

(72,54) 303.08 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

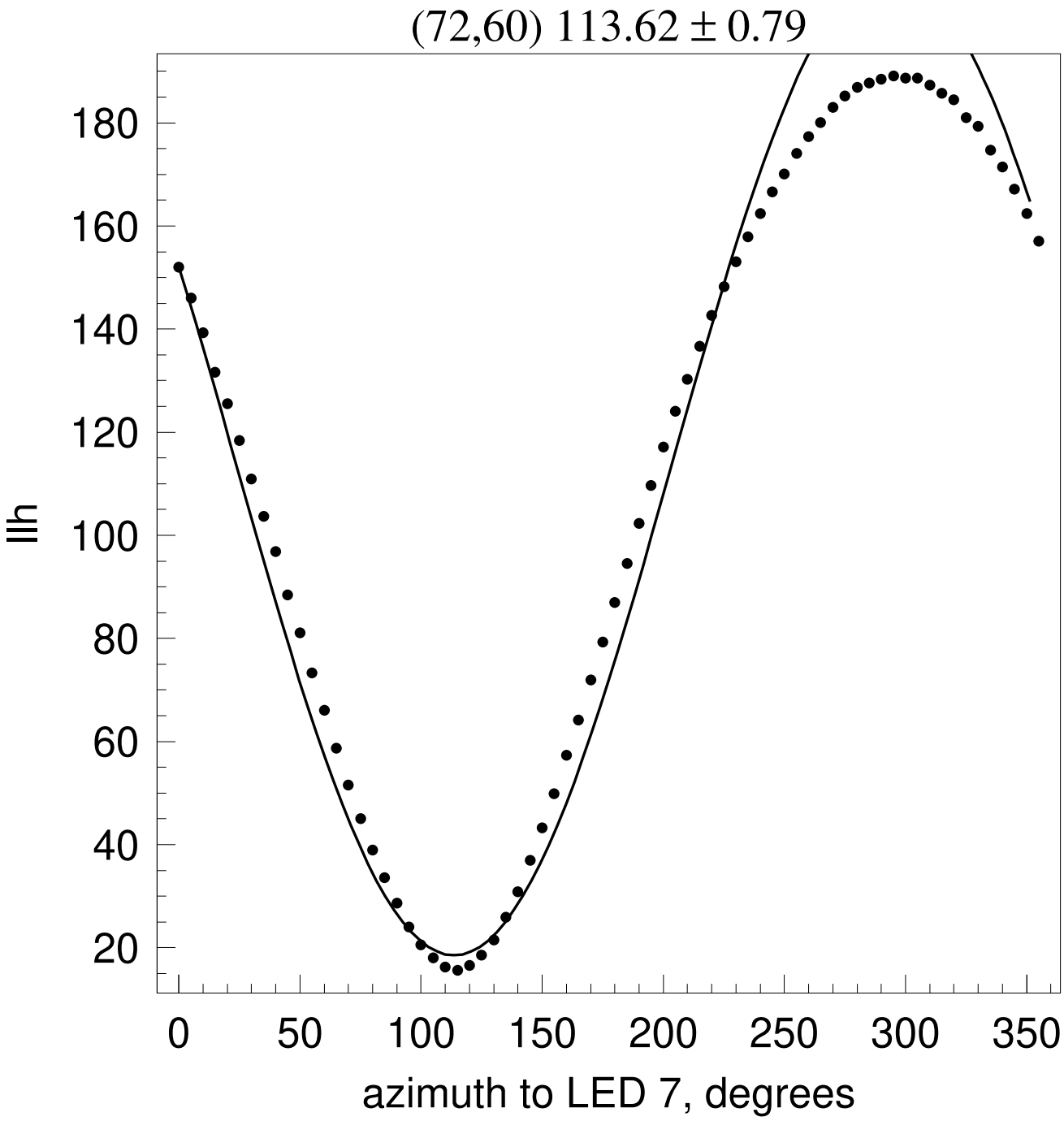

(72,55) 146.65 ± 0.42
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

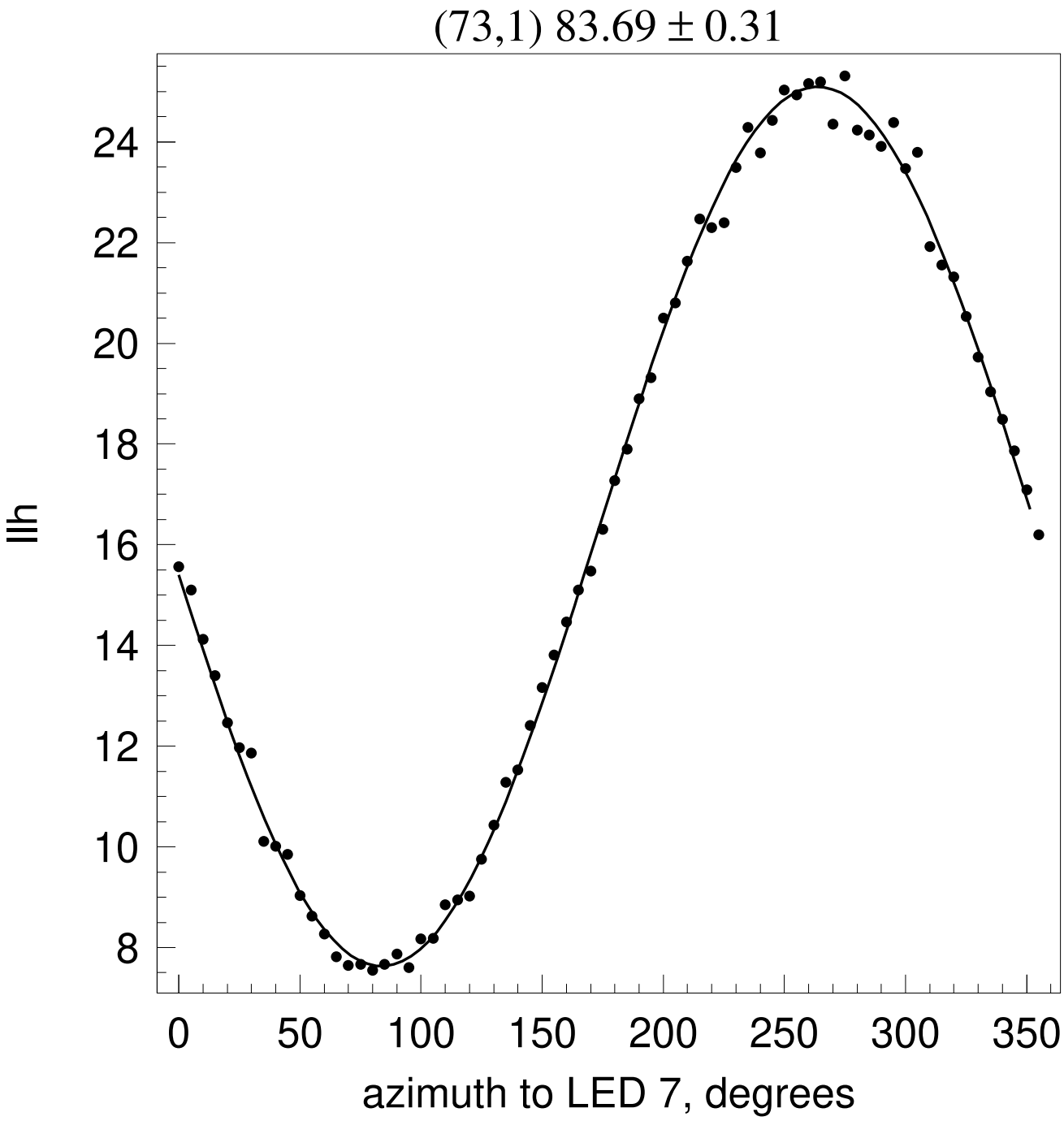

(72,56) 126.71 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

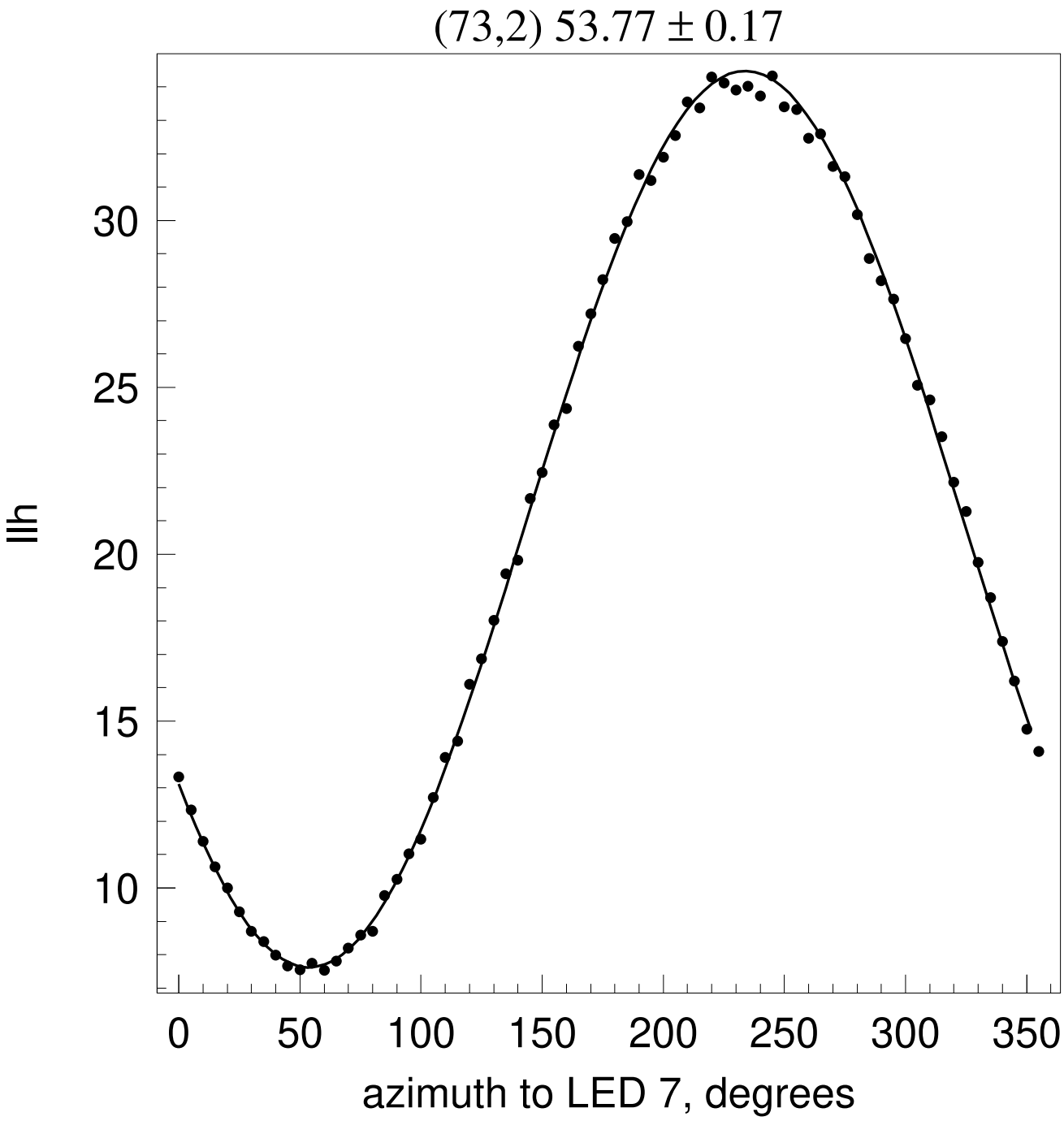

(72,57) 67.30 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

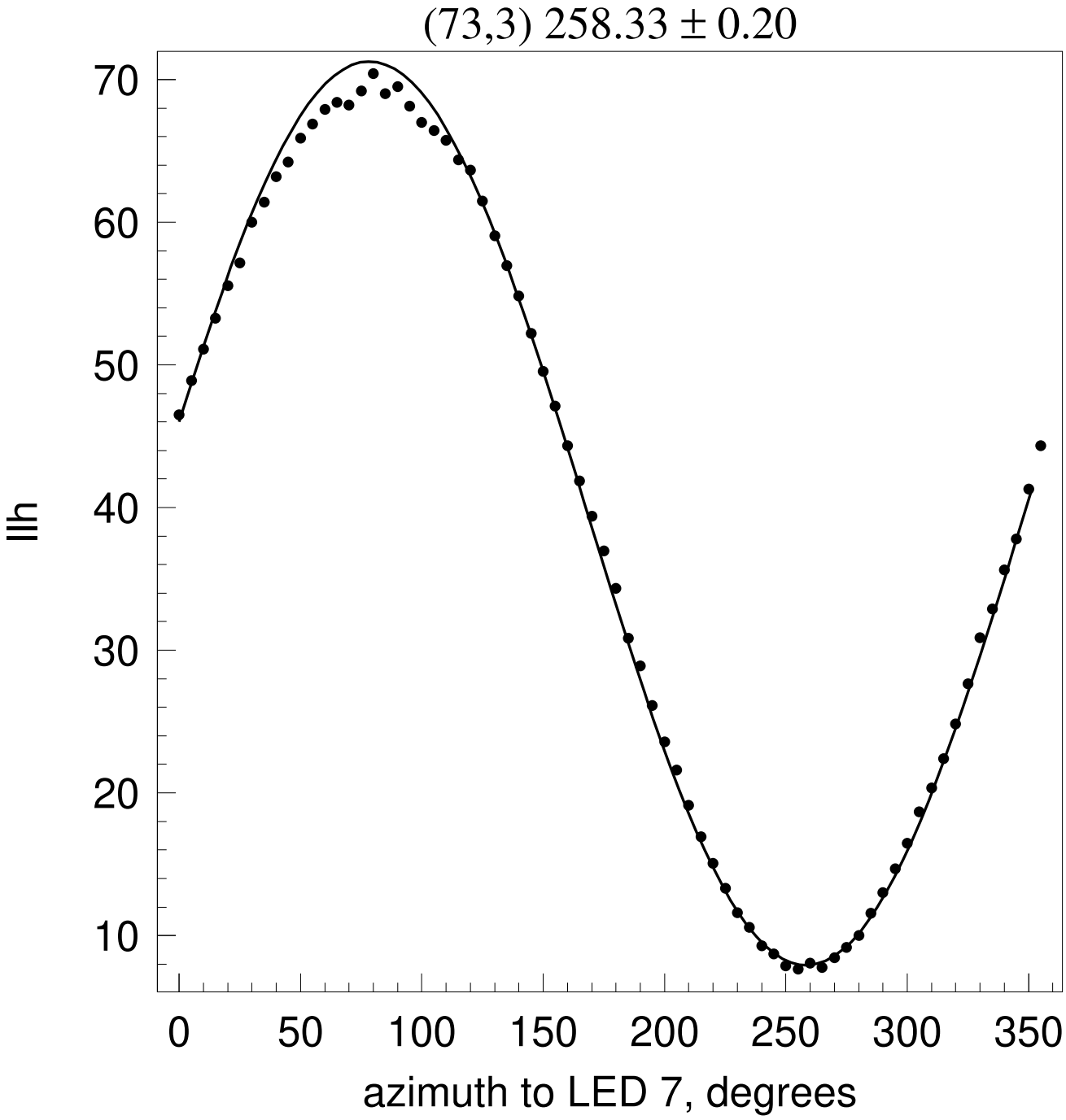

(72,58) 95.93 ± 0.80
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

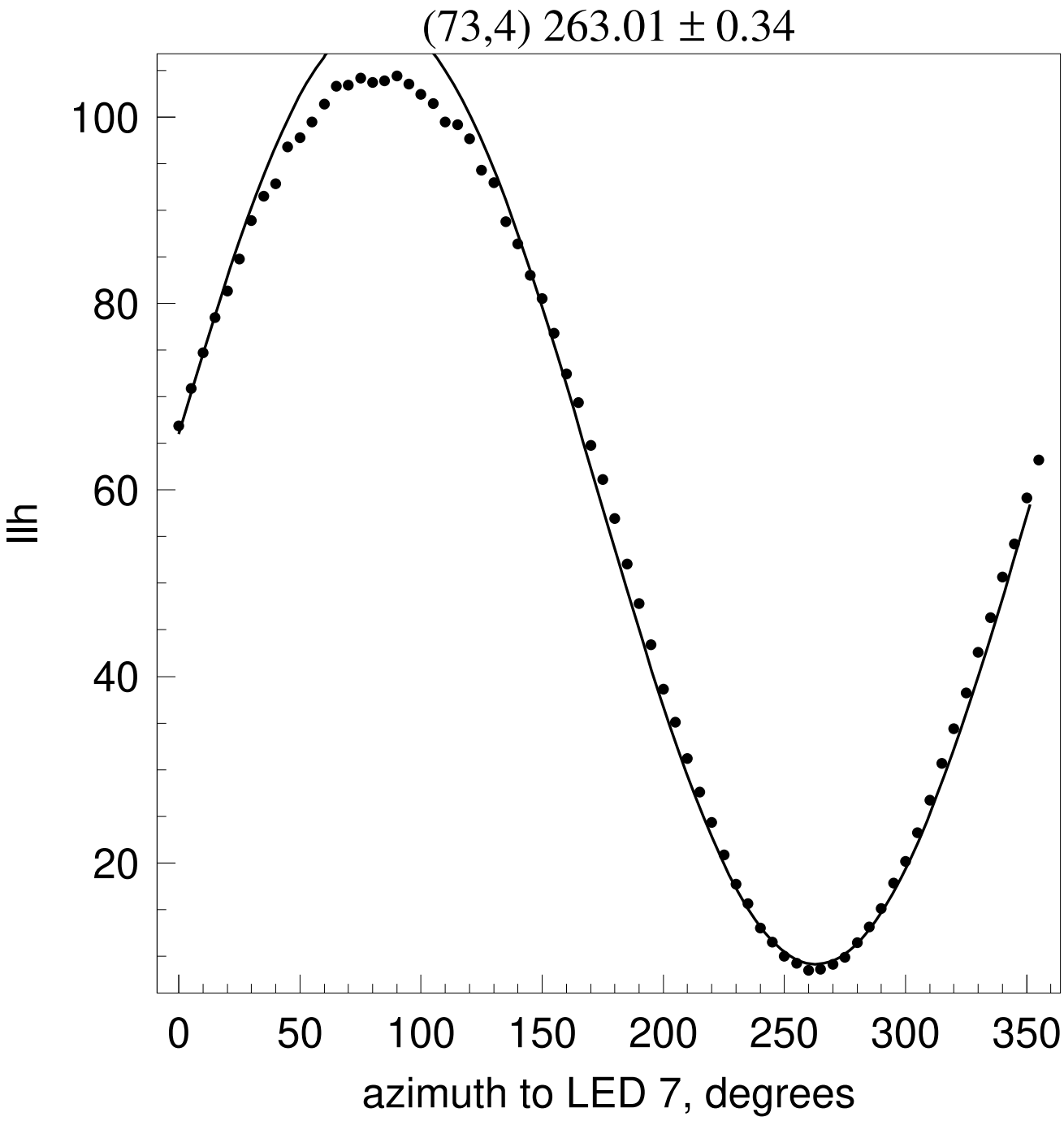

(72,59) 152.67 ± 0.88
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

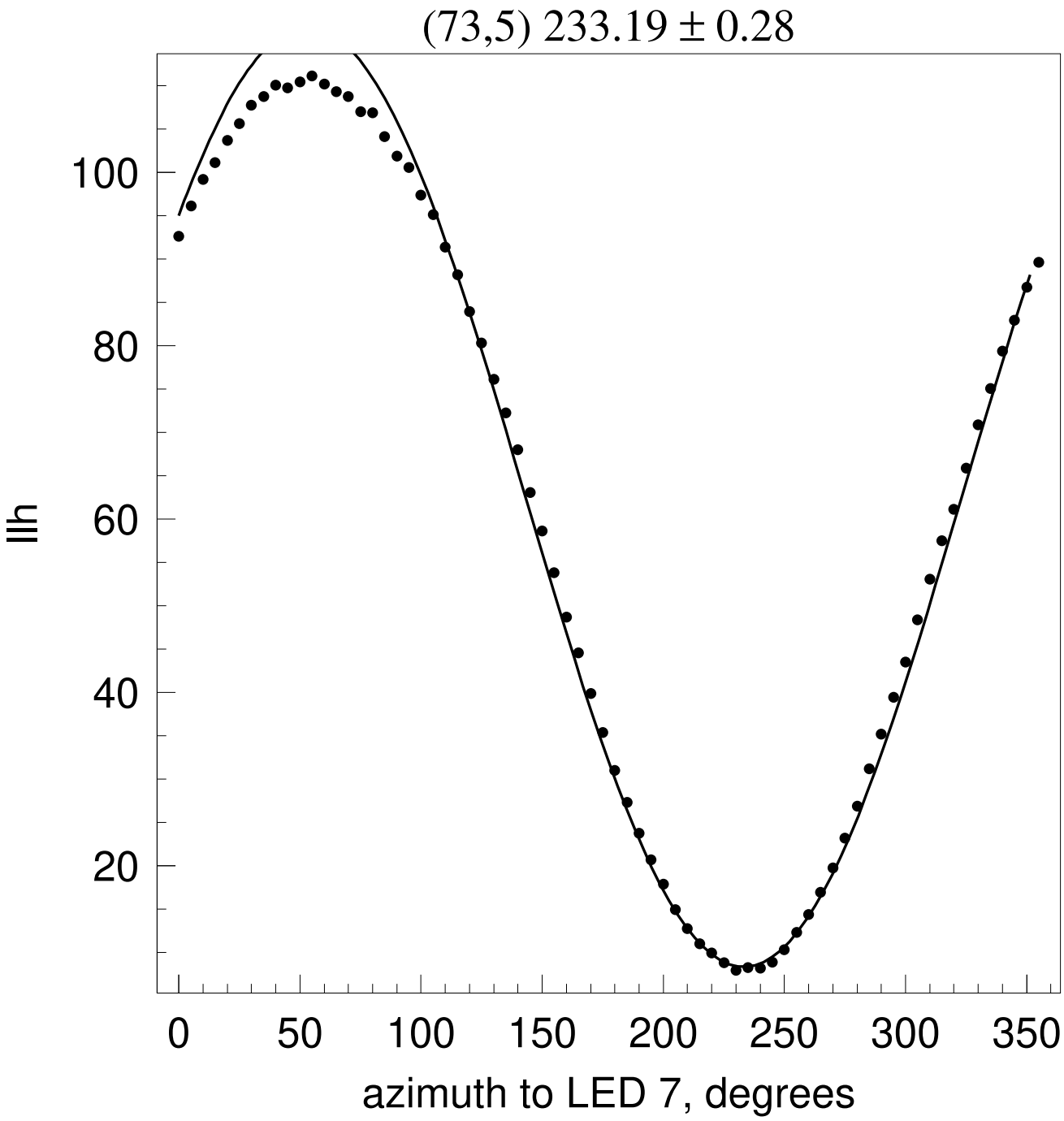

(72,60) 113.62 ± 0.79
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

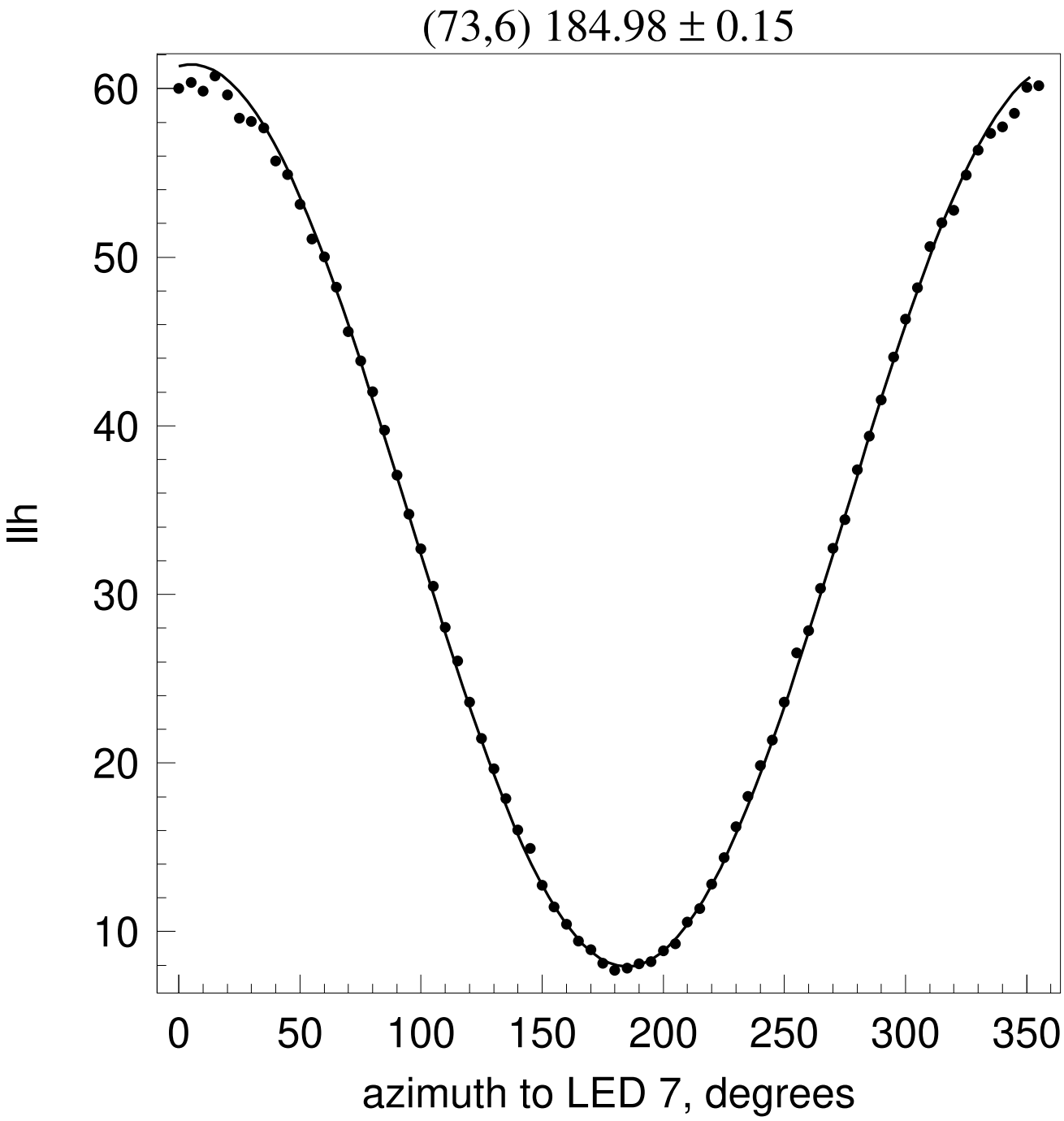

(73,1) 83.69 ± 0.31
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

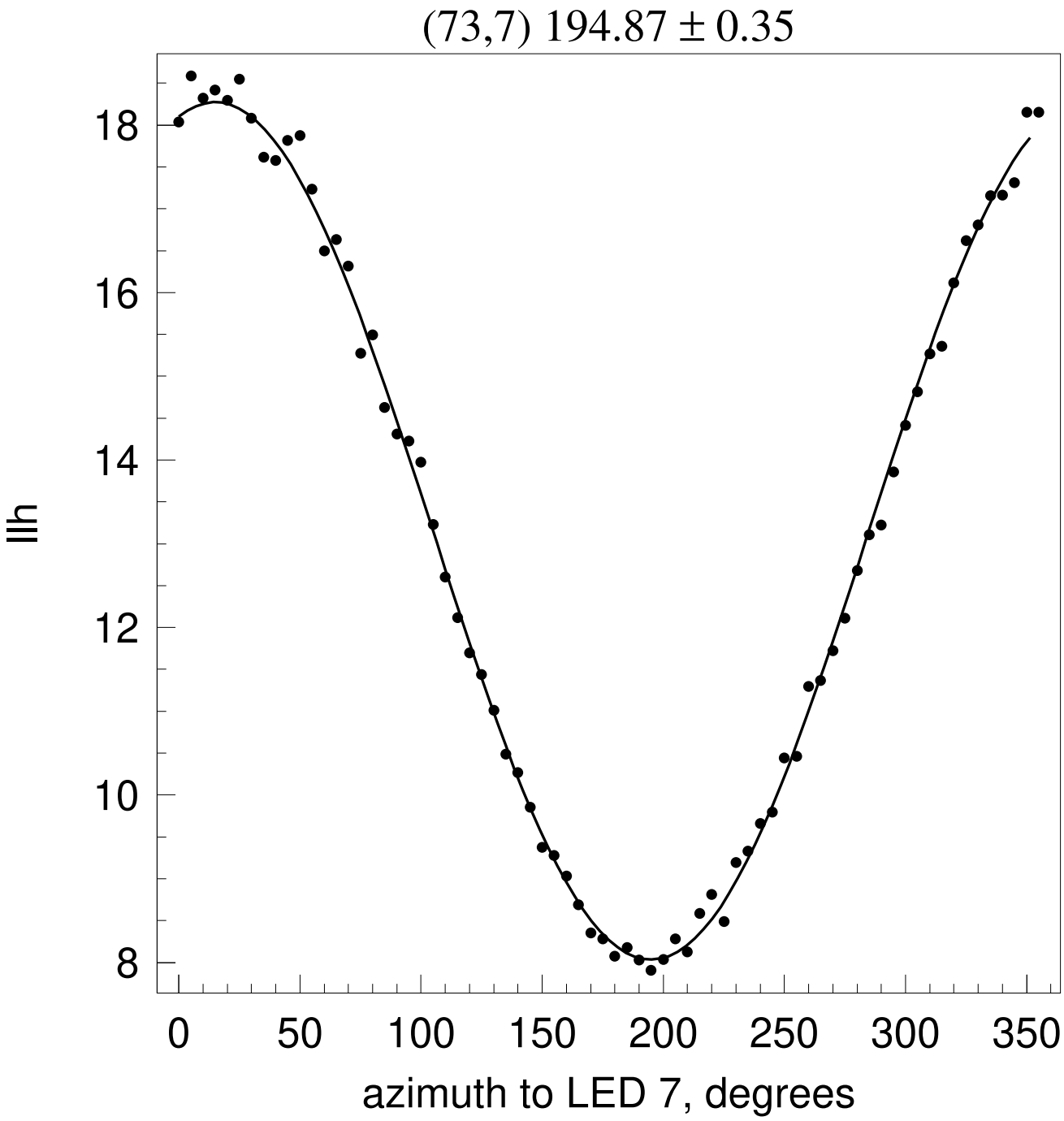

(73,2) 53.77 ± 0.17
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

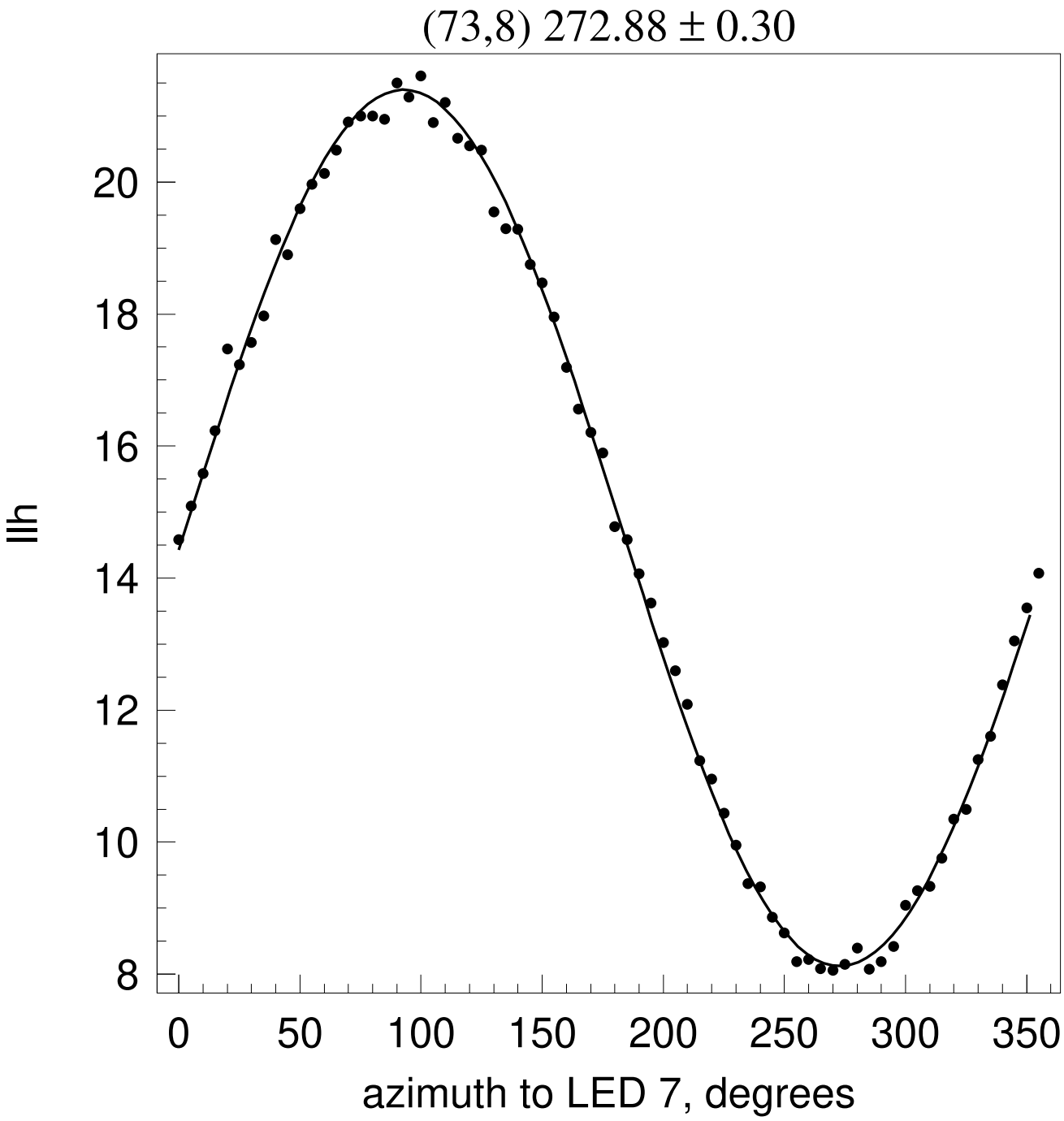

(73,3) 258.33 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

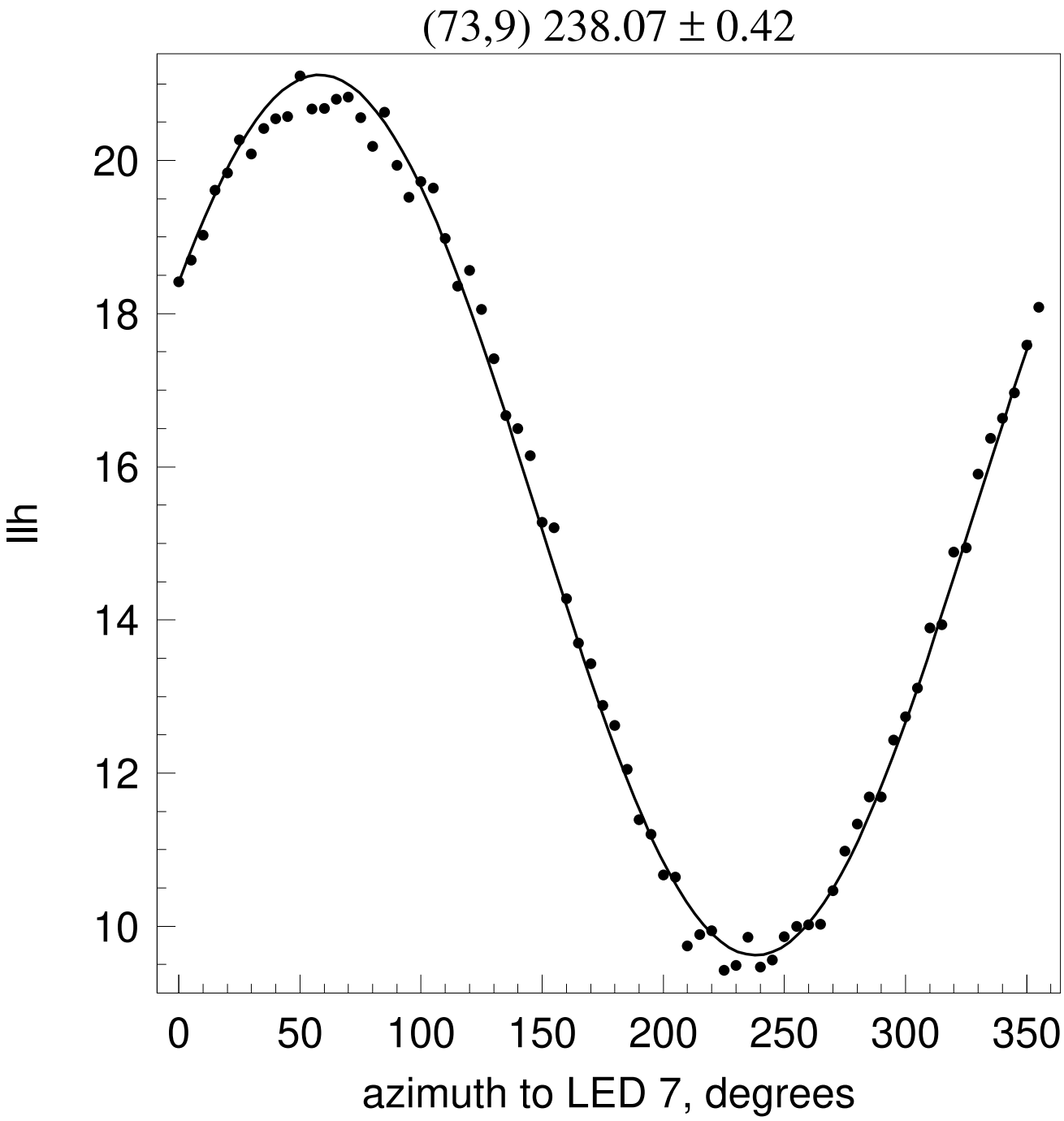

(73,4) 263.01 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

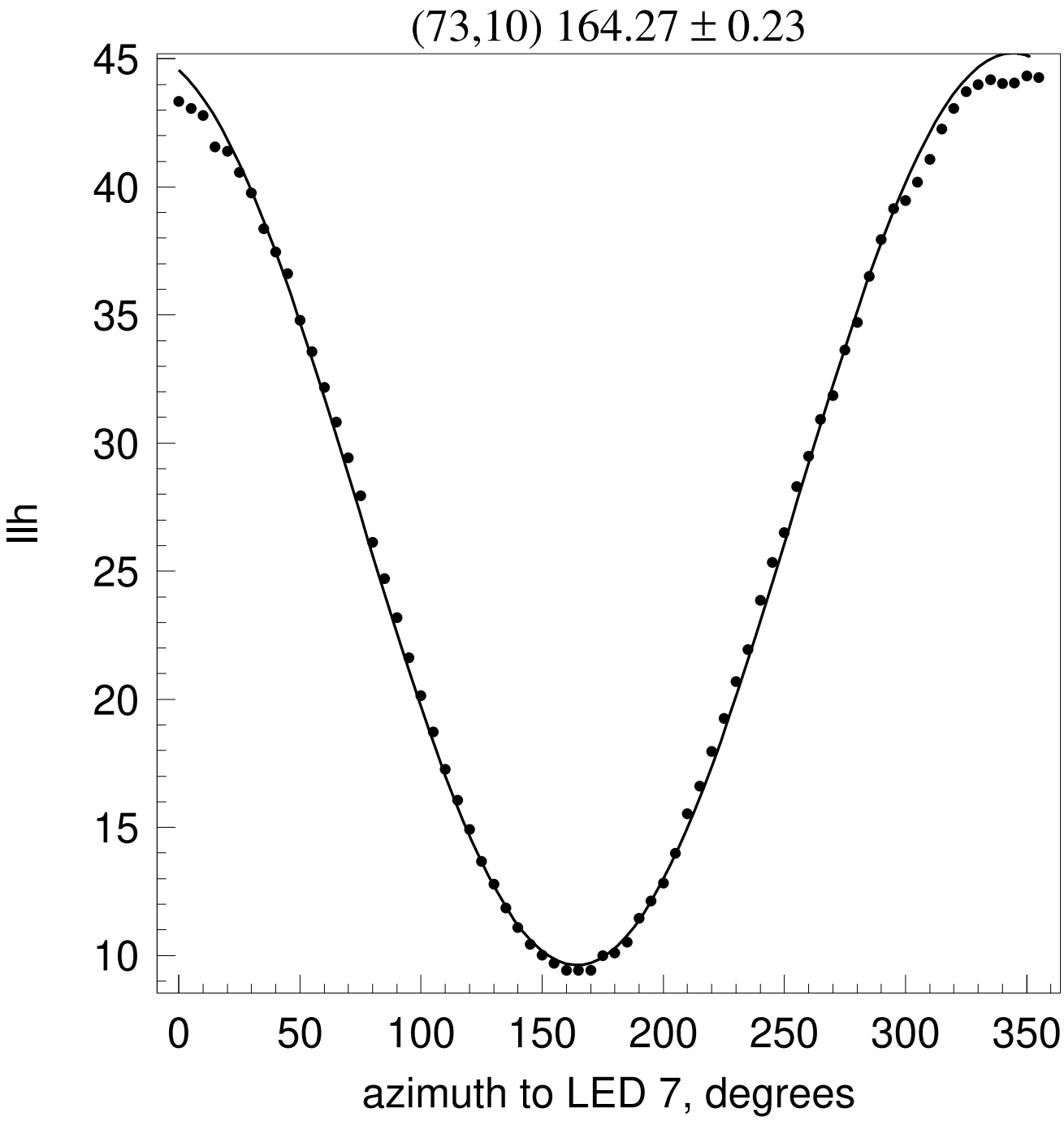

(73,5) 233.19 ± 0.28
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

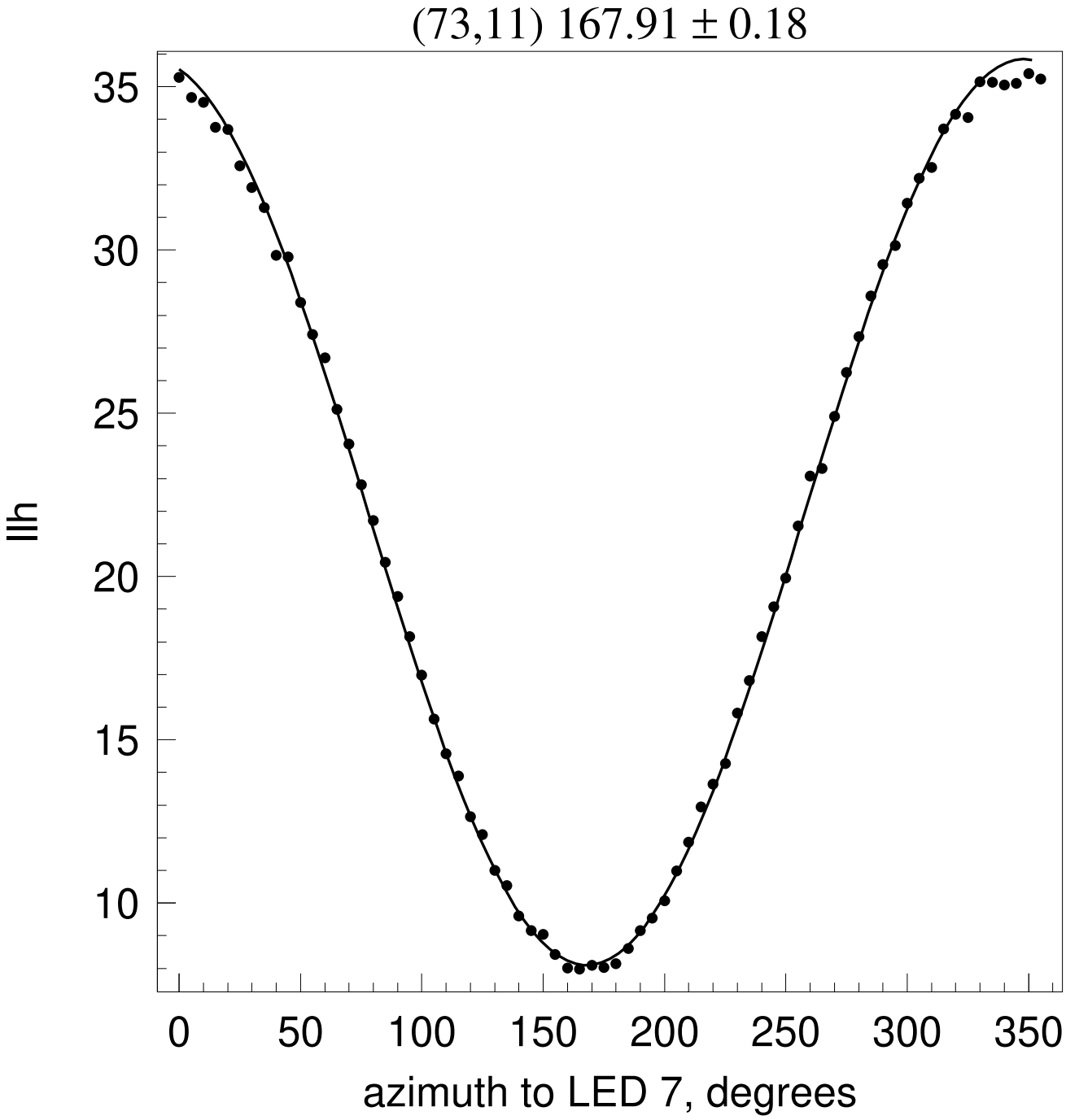

(73,6) 184.98 ± 0.15
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

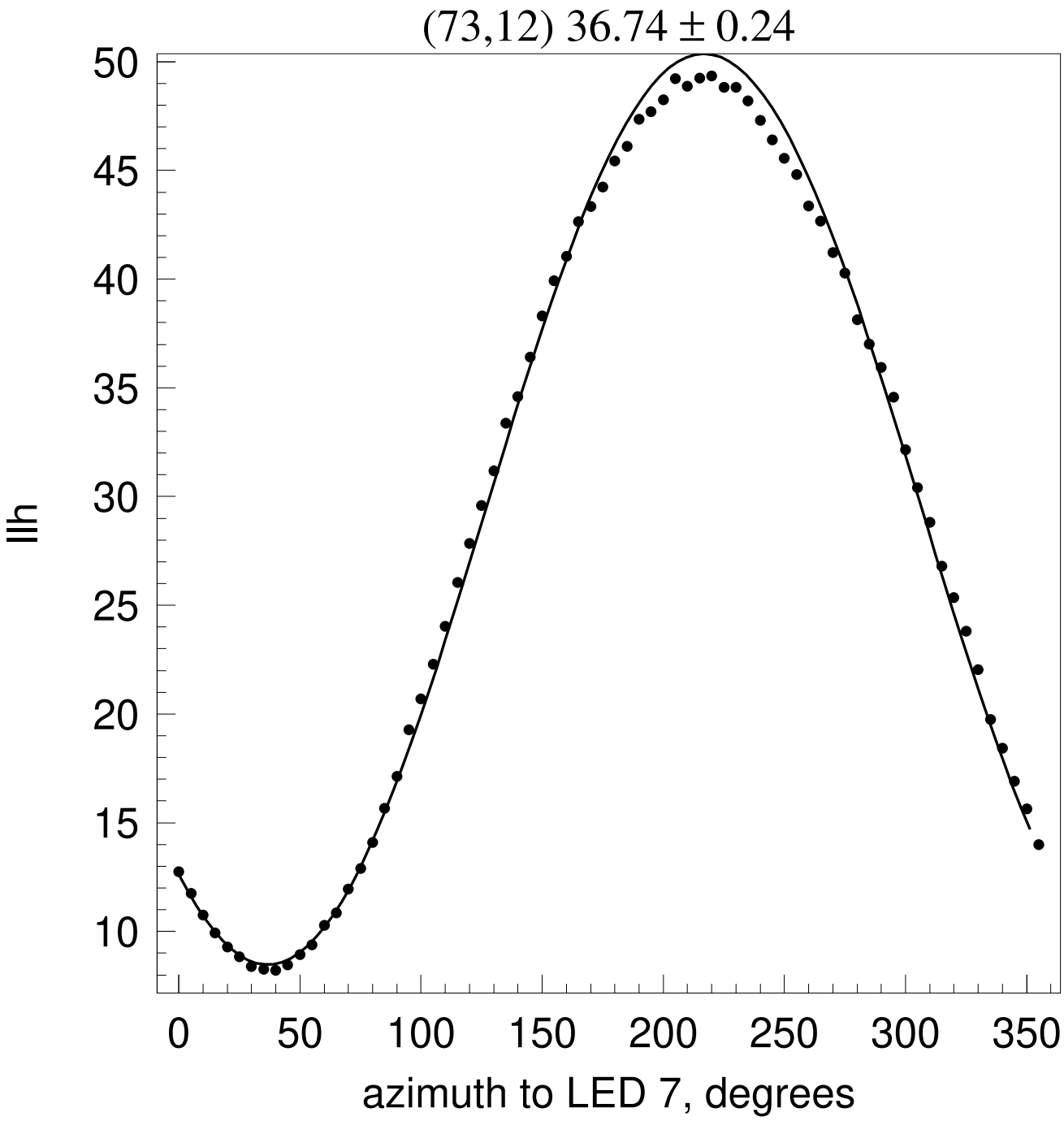

(73,7) 194.87 ± 0.35
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

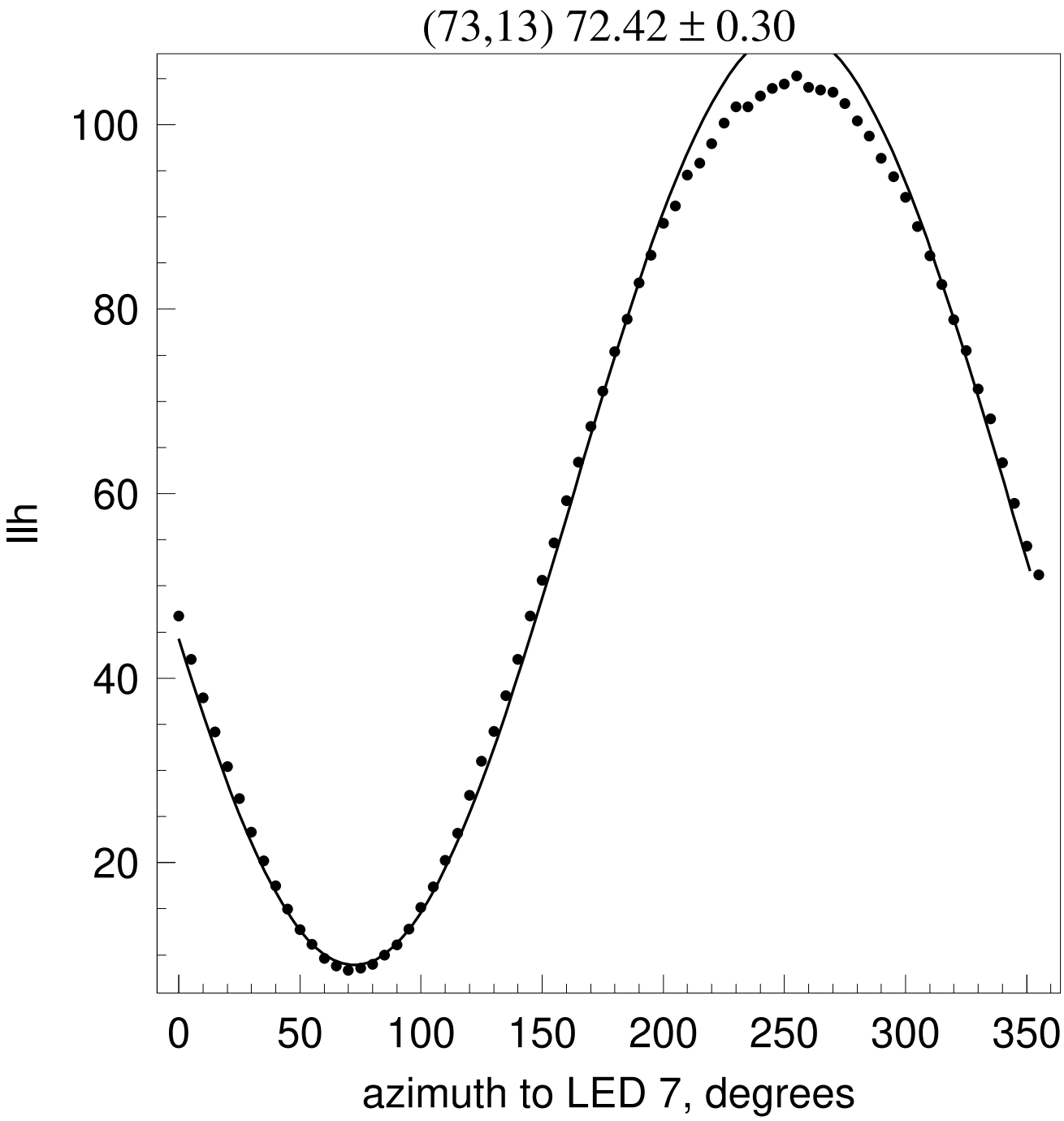

(73,8) 272.88 ± 0.30
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

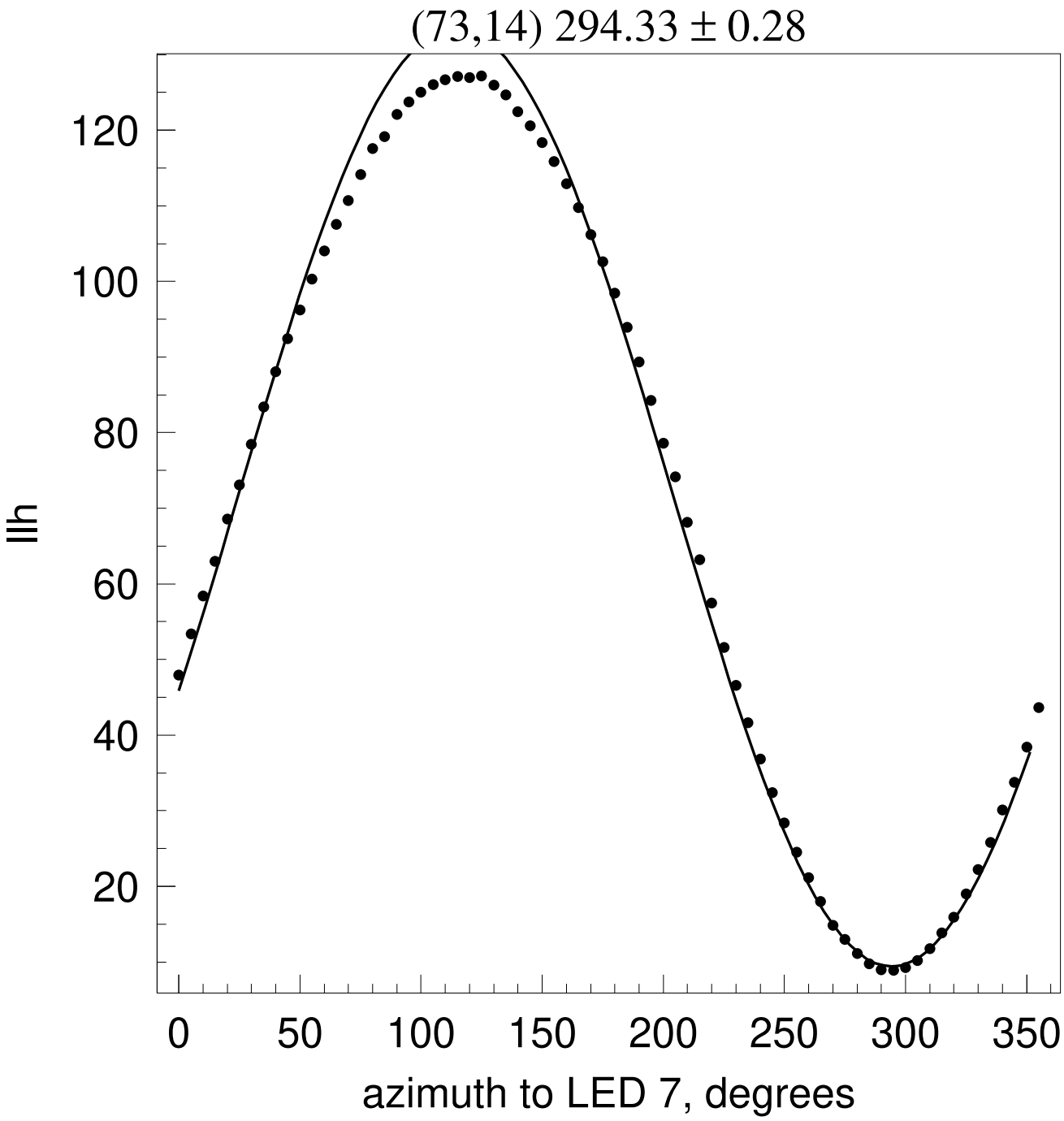

(73,9) 238.07 ± 0.42
20
18
16
14
12
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

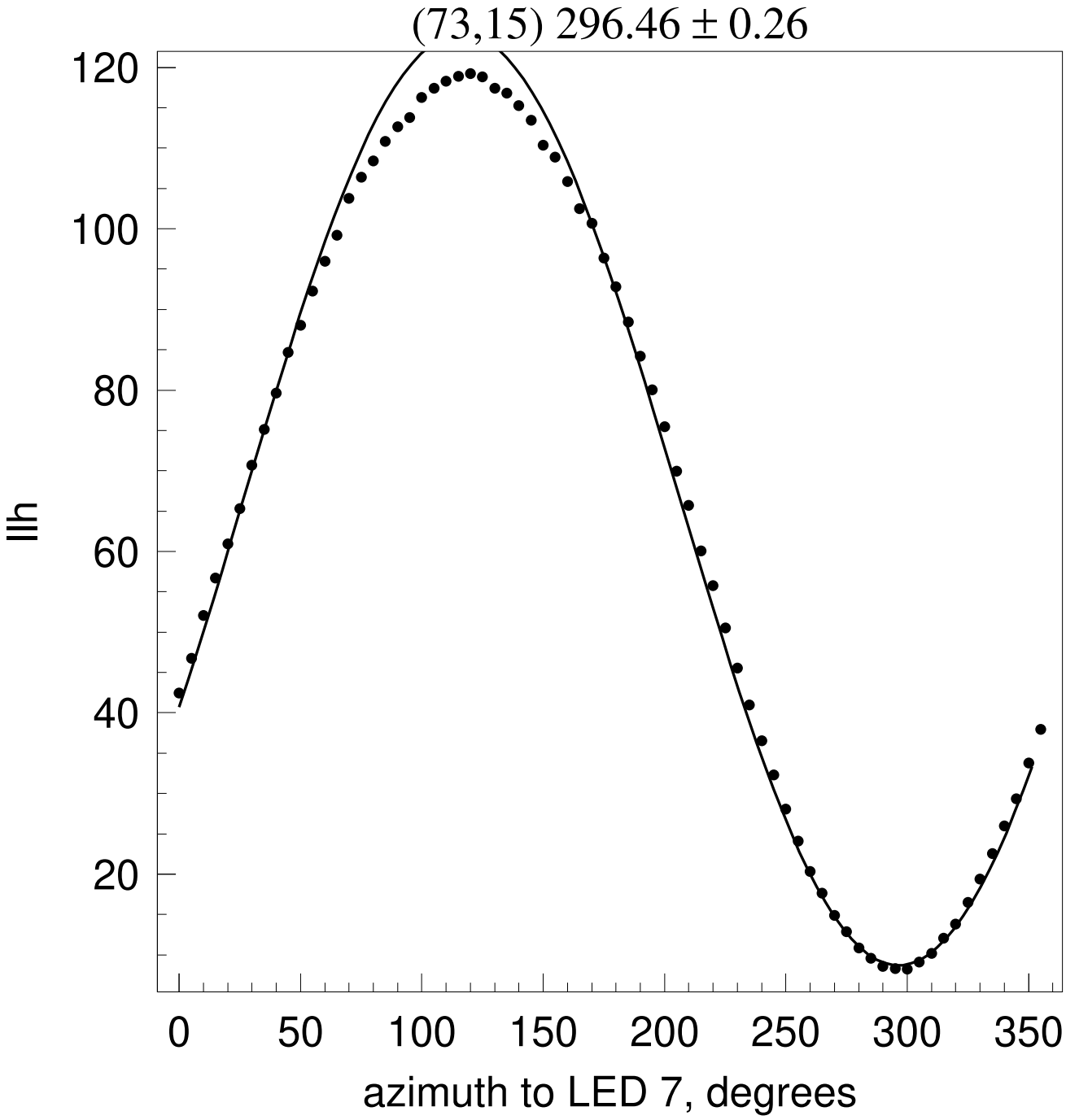

(73,10) 164.27 ± 0.23
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

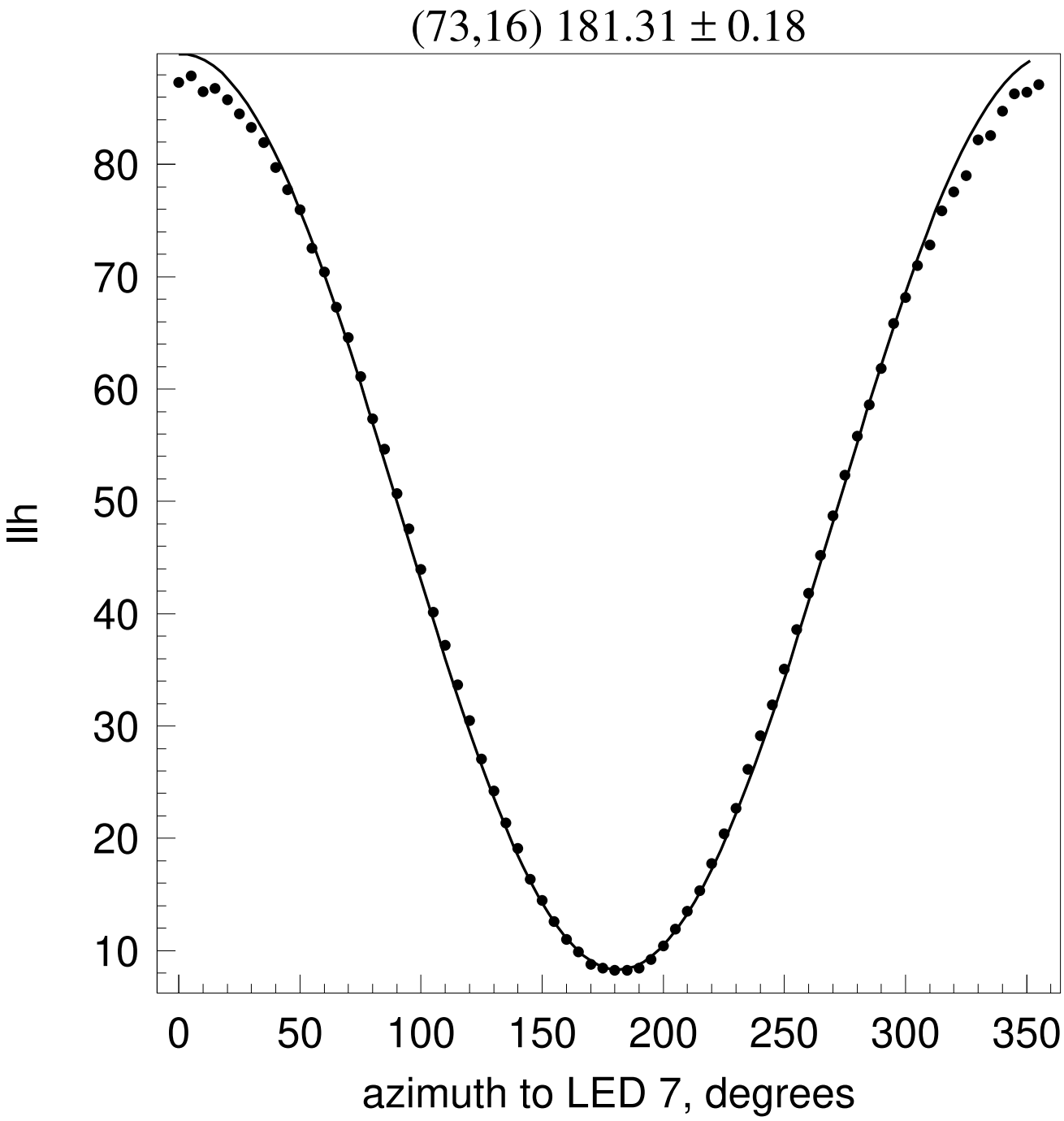

(73,11) 167.91 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

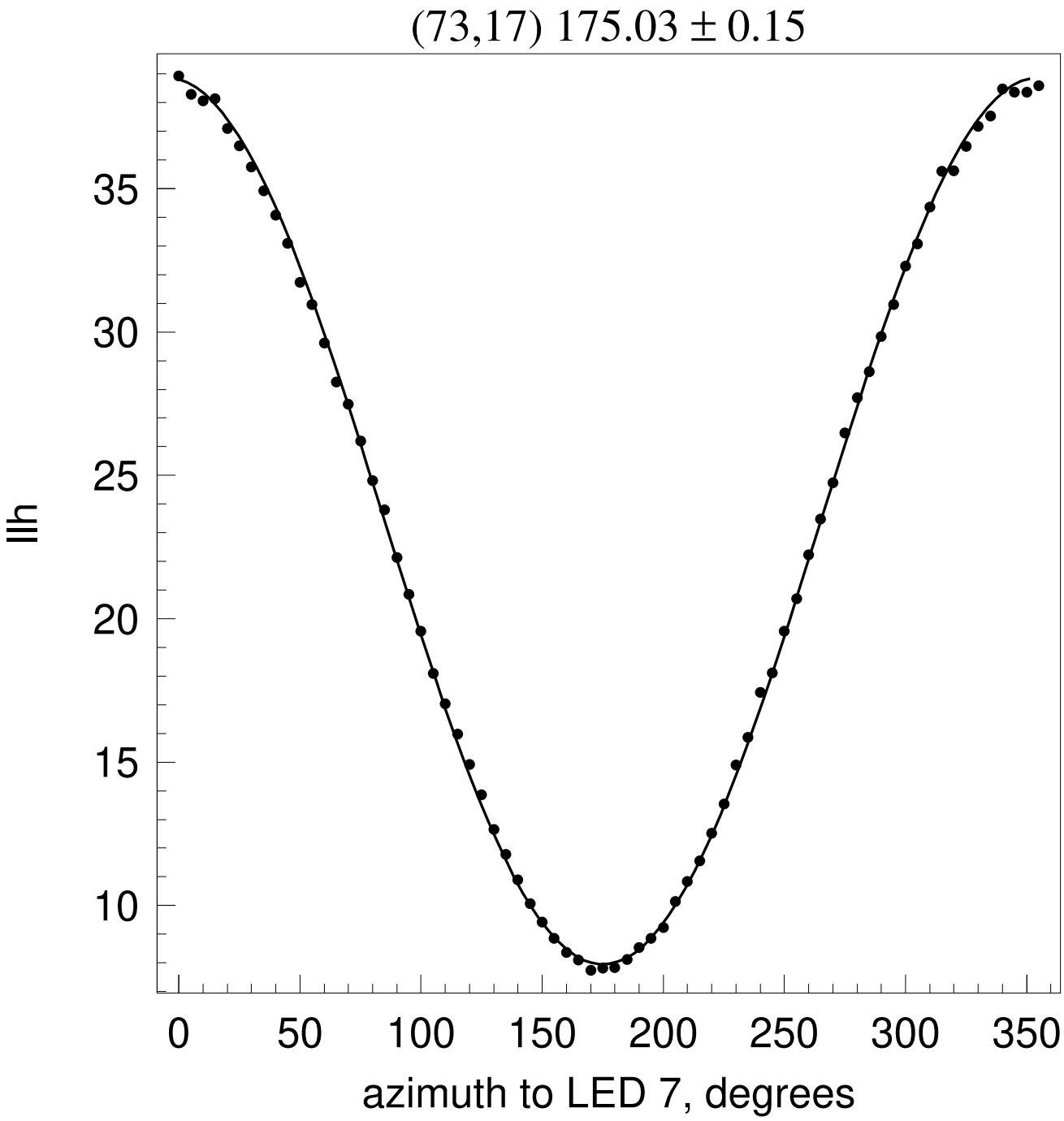

(73,12) 36.74 ± 0.24
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

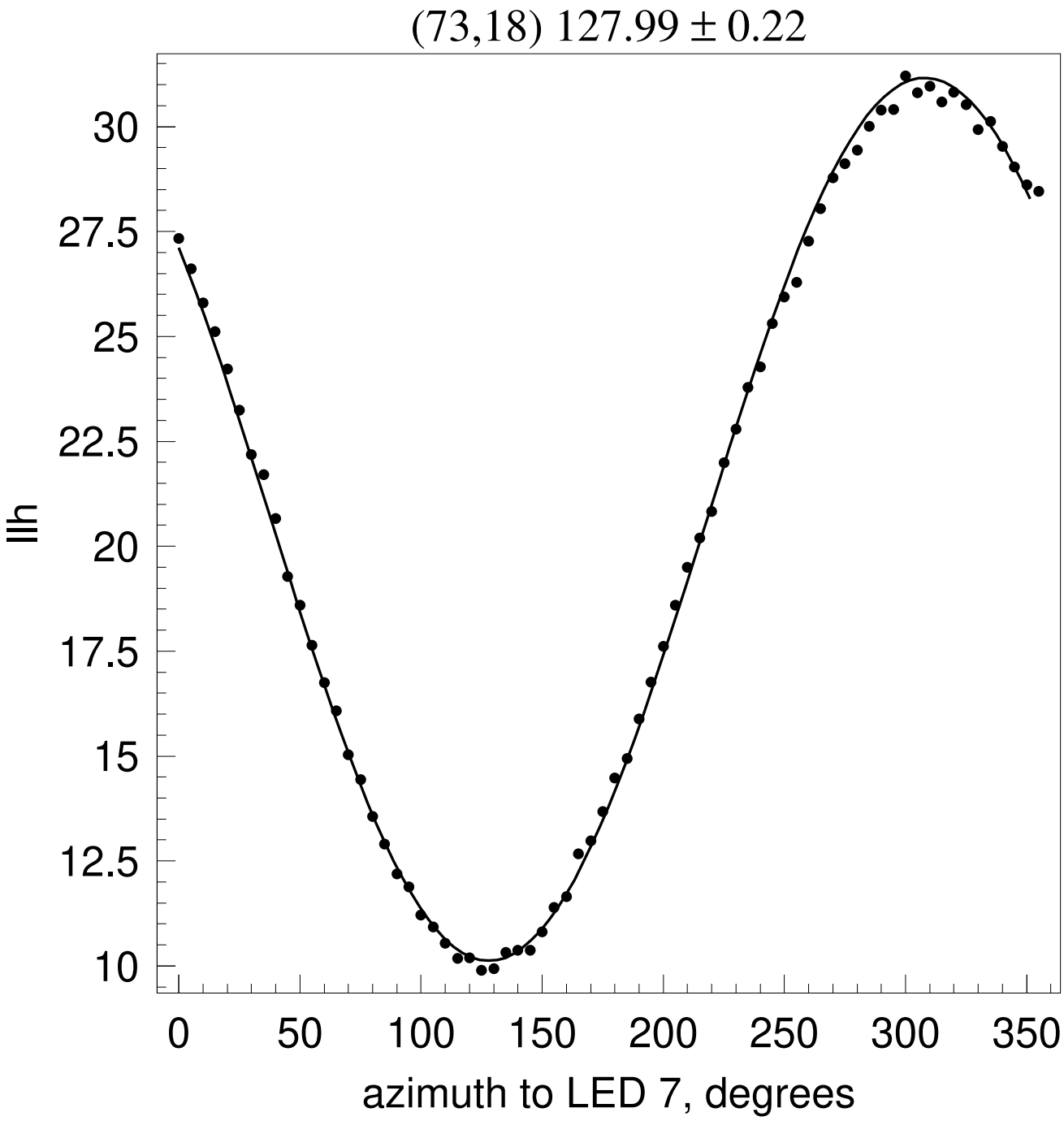

(73,13) 72.42 ± 0.30
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

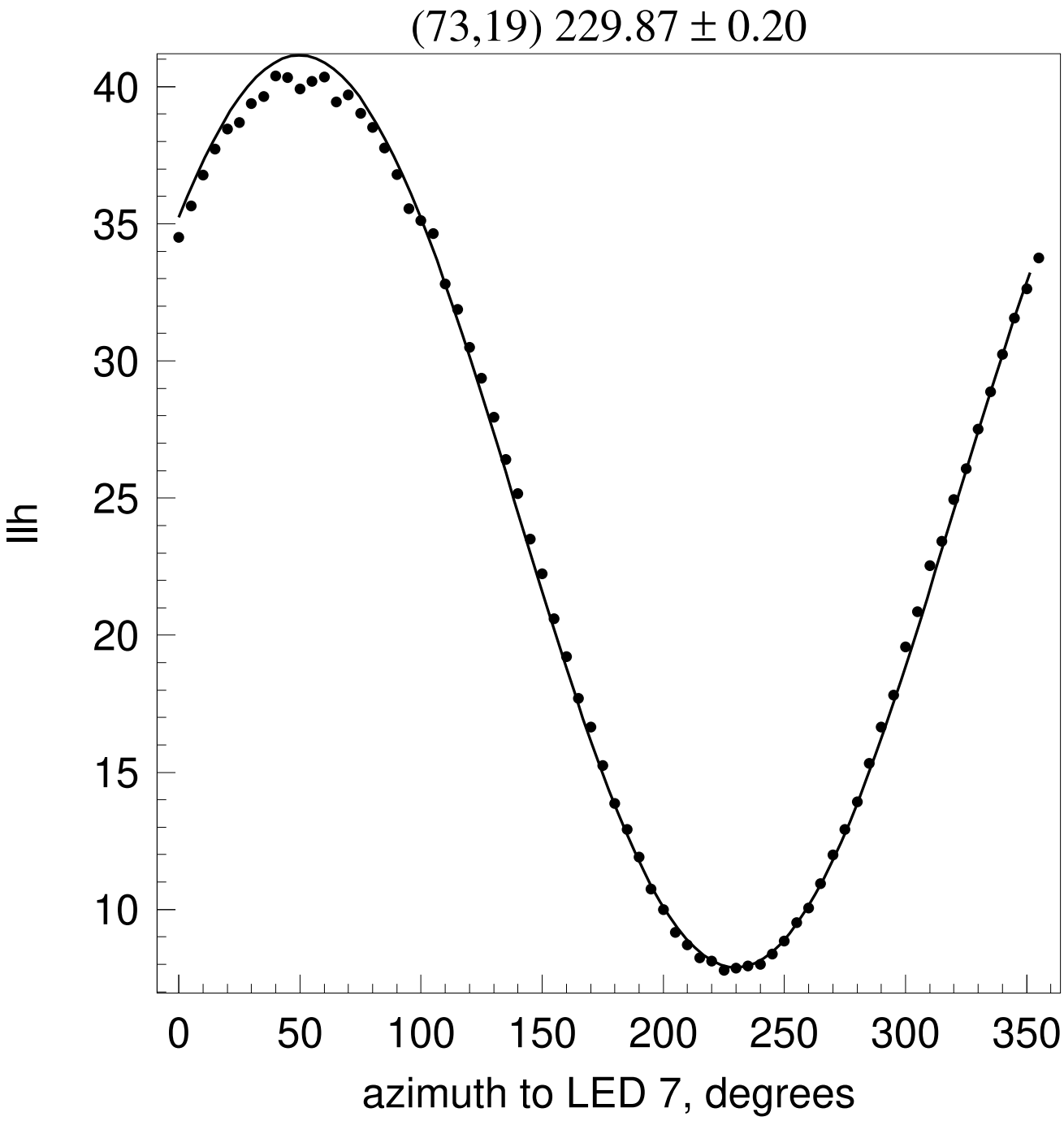

(73,14) 294.33 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

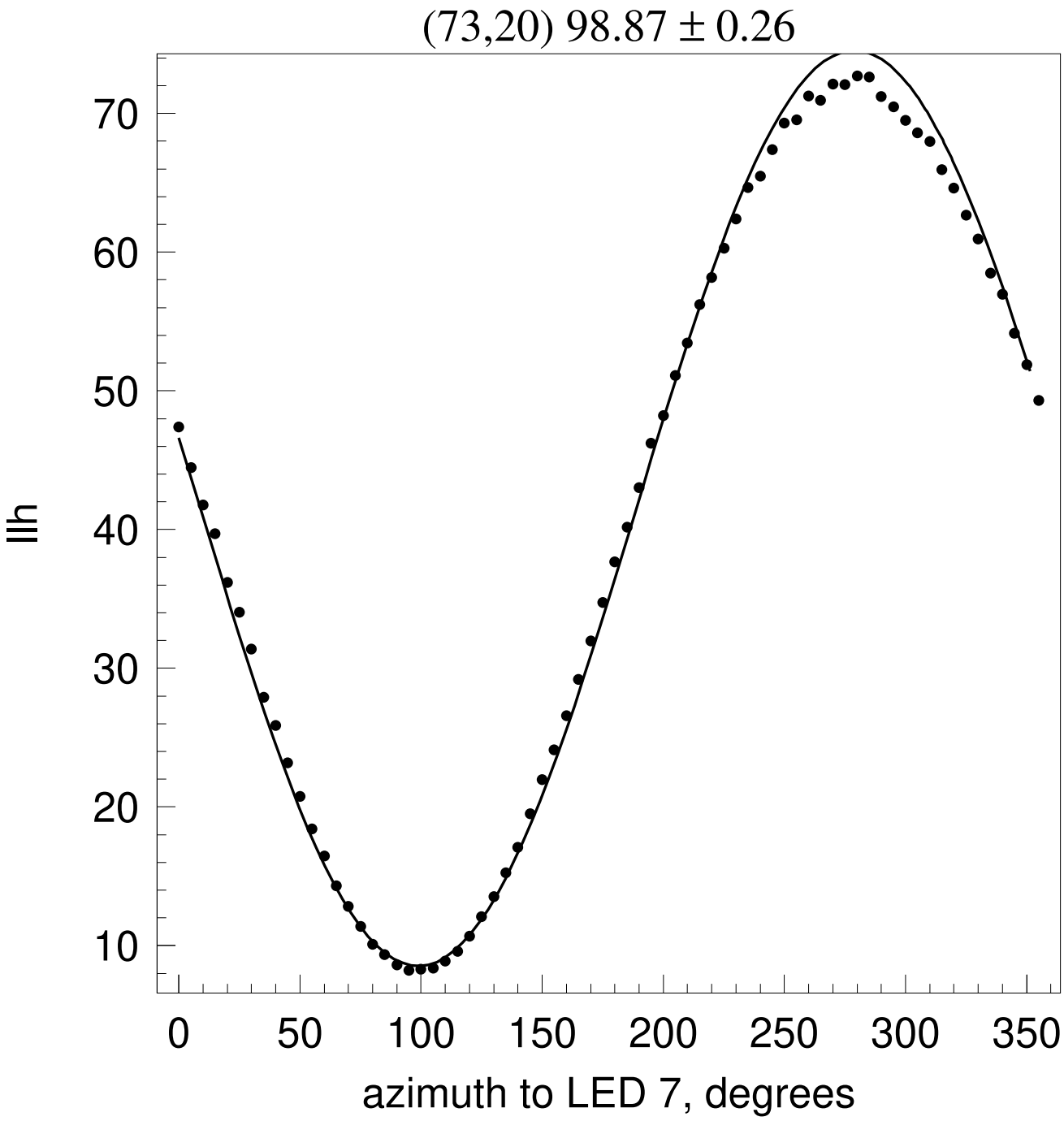

(73,15) 296.46 ± 0.26
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

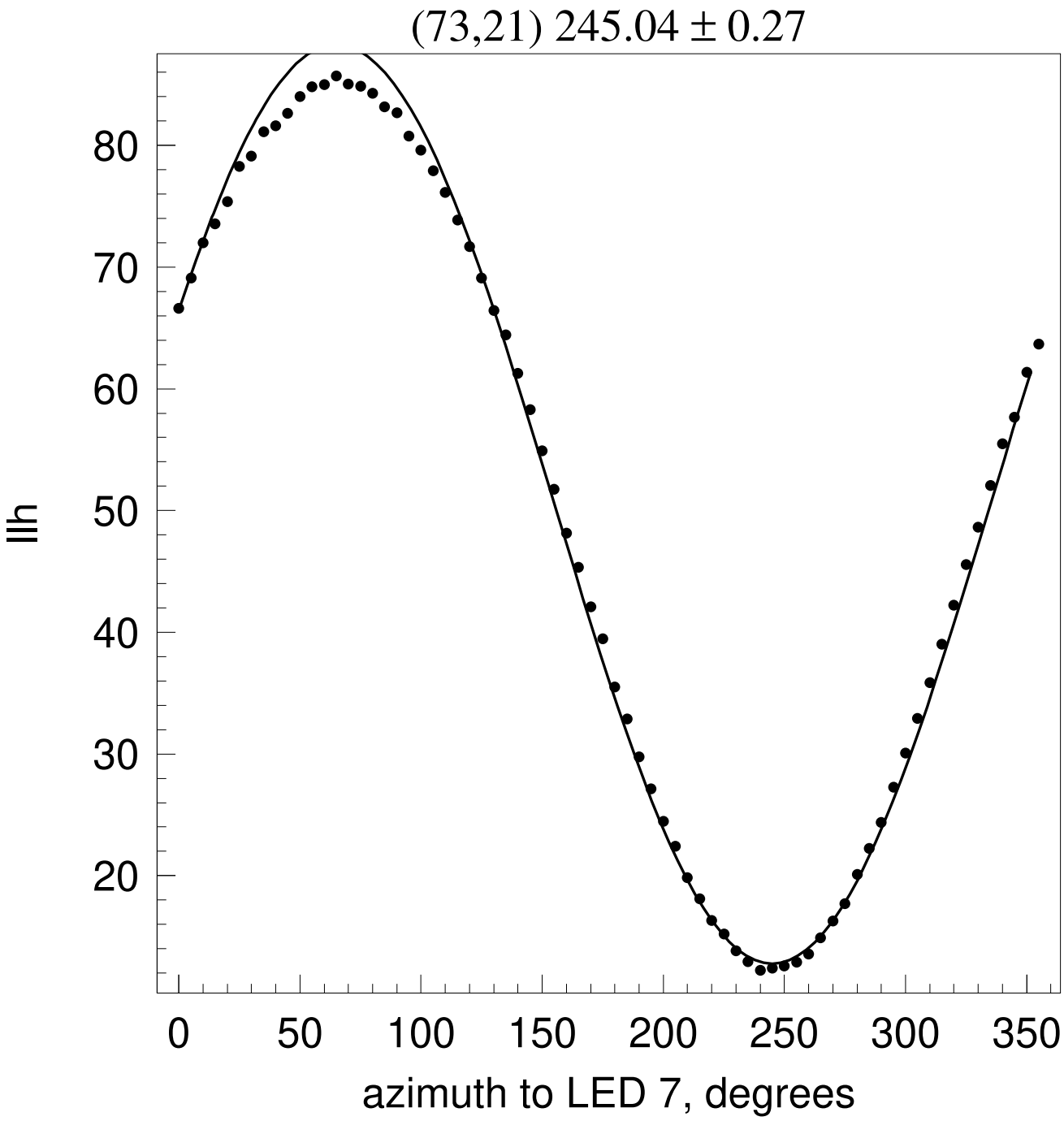

(73,16) 181.31 ± 0.18
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

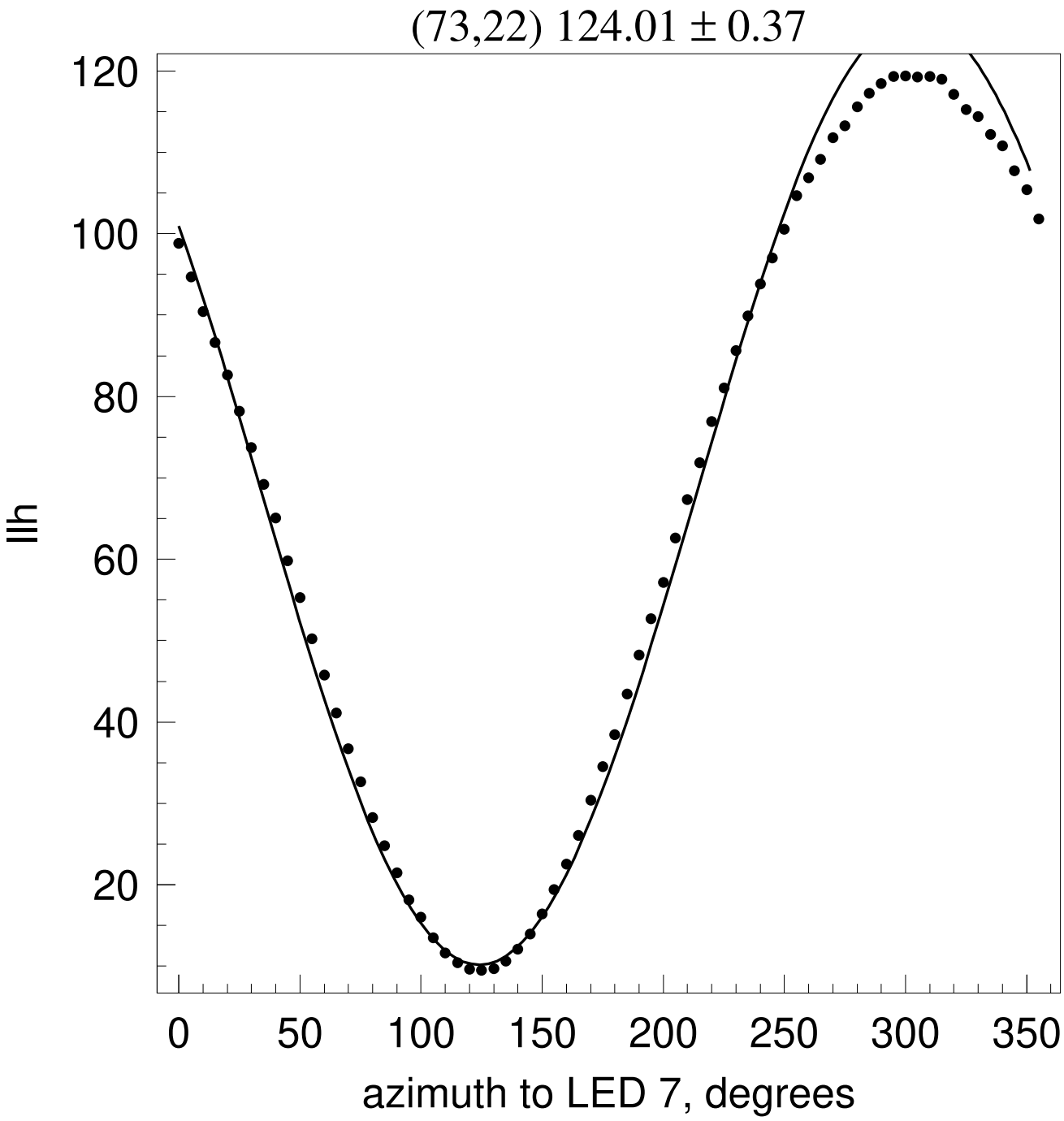

(73,17) 175.03 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

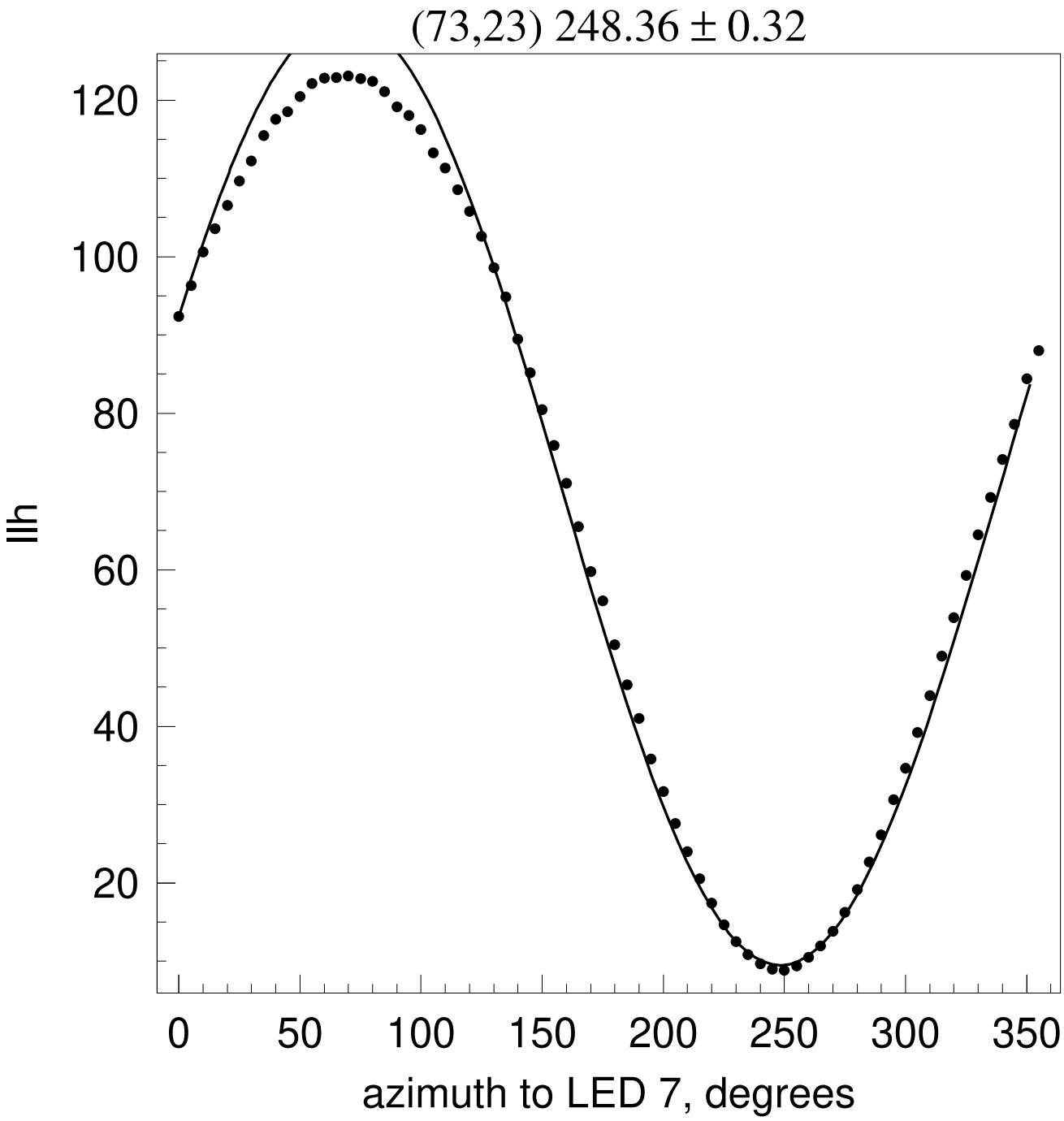

(73,18) 127.99 ± 0.22
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

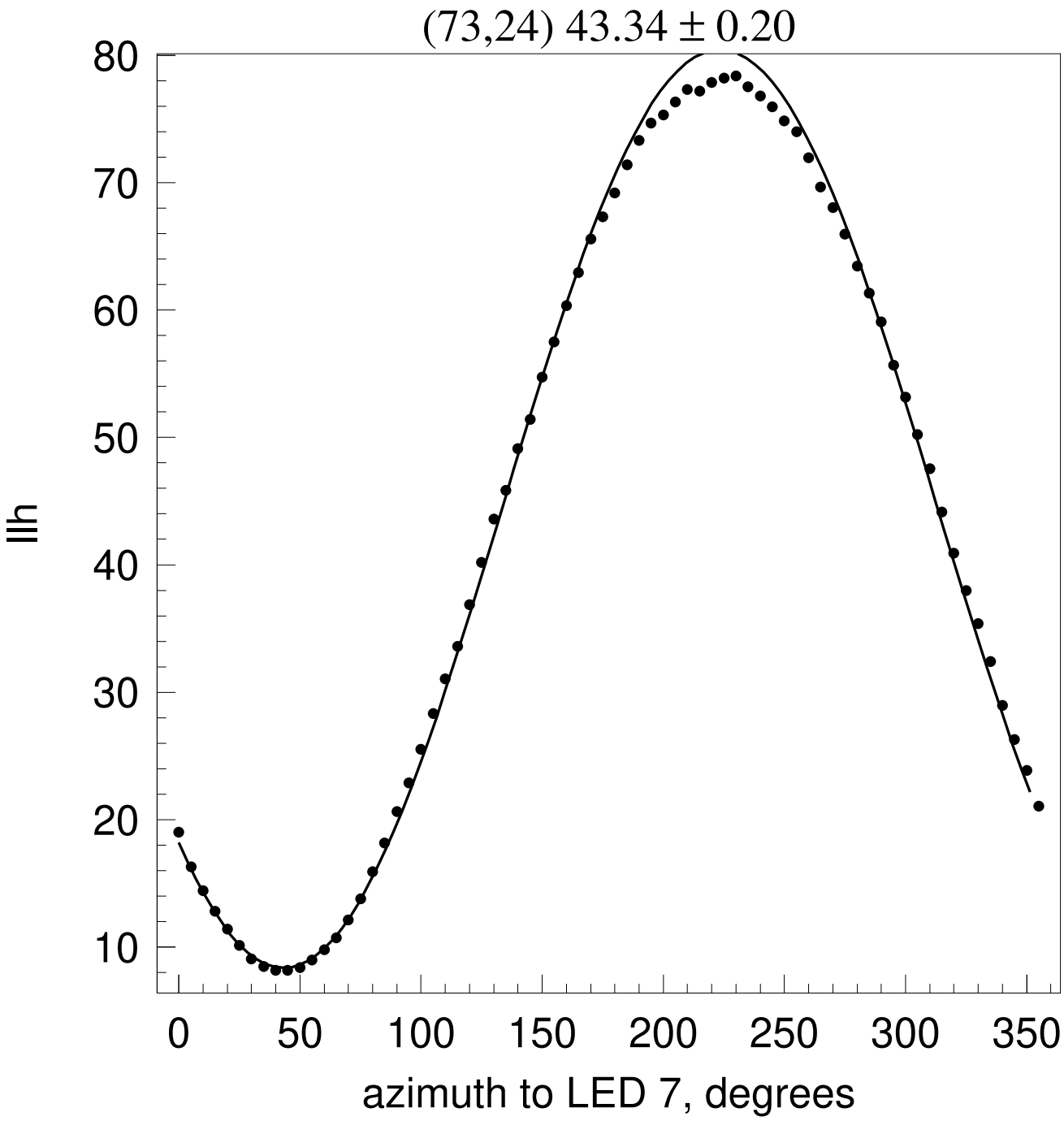

(73,19) 229.87 ± 0.20
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

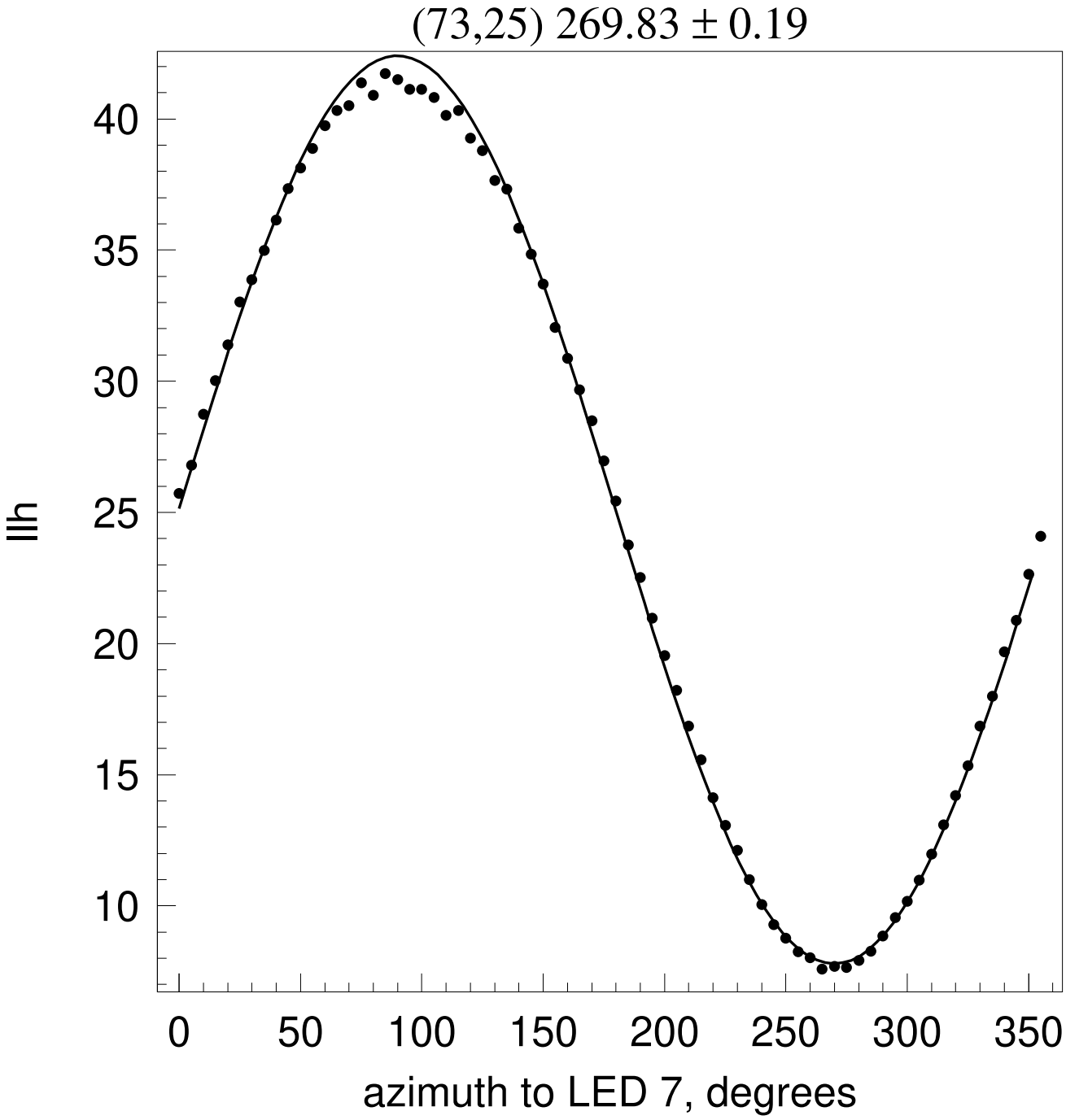

(73,20) 98.87 ± 0.26
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

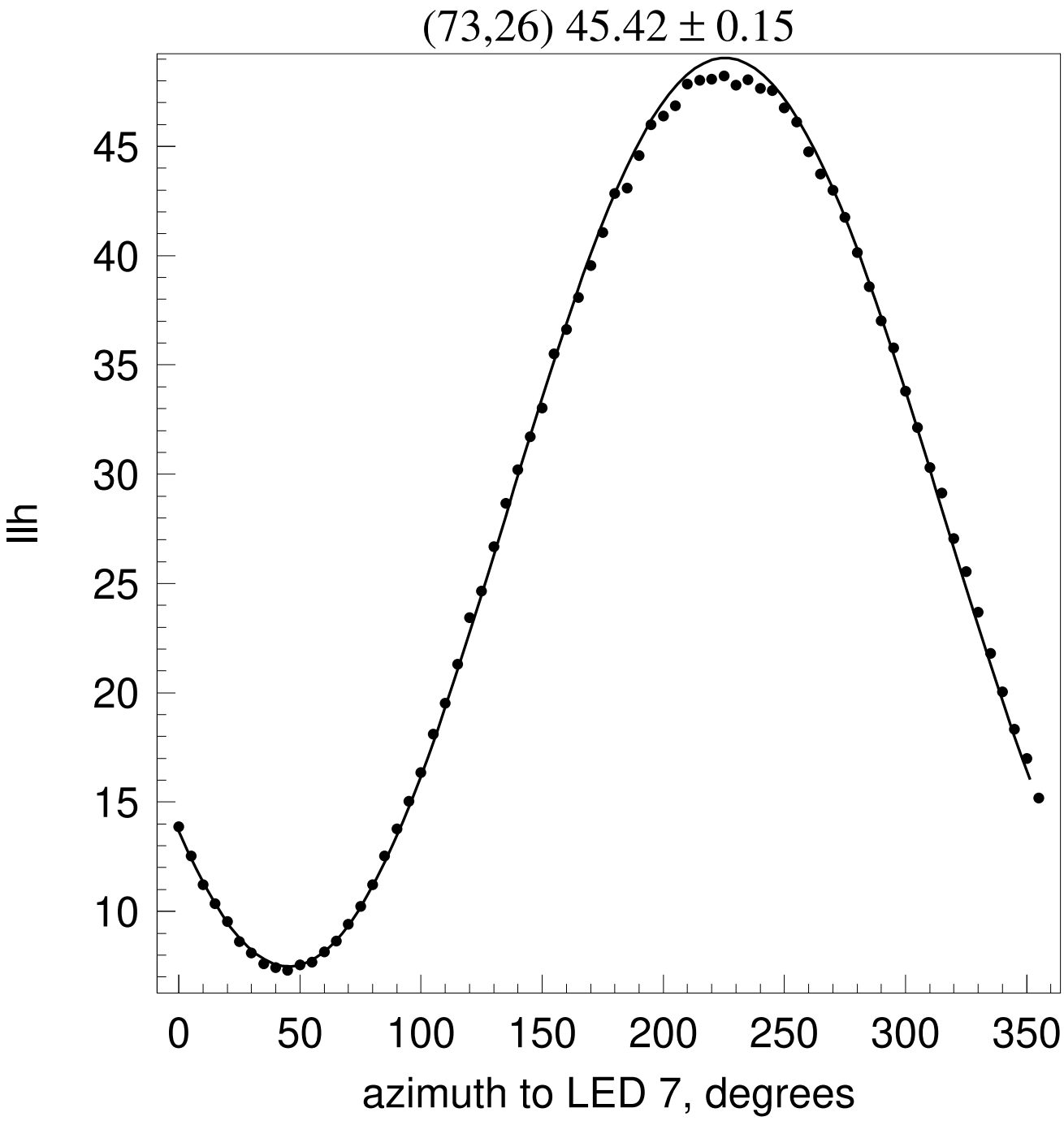

(73,21) 245.04 ± 0.27
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

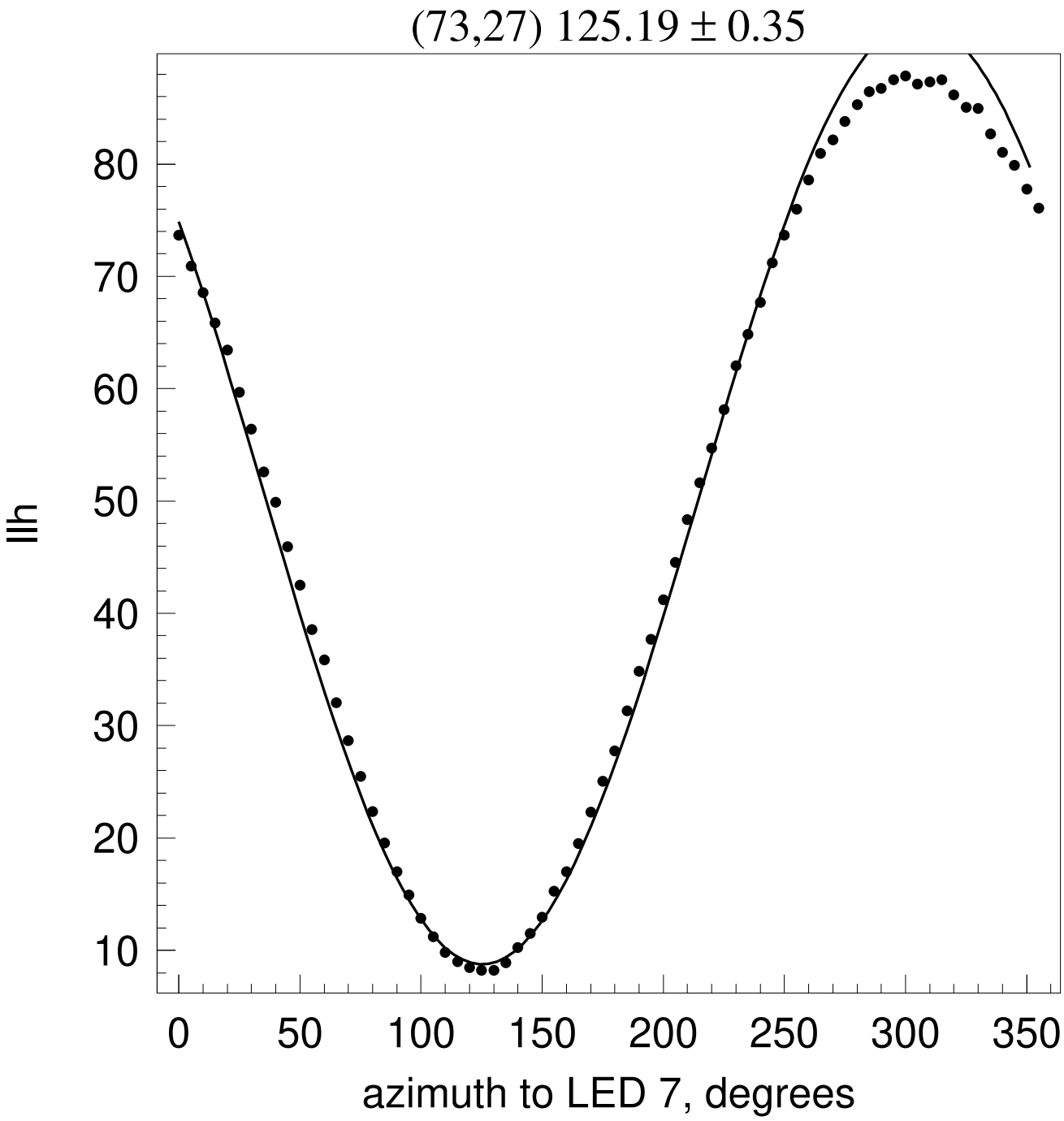

(73,22) 124.01 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

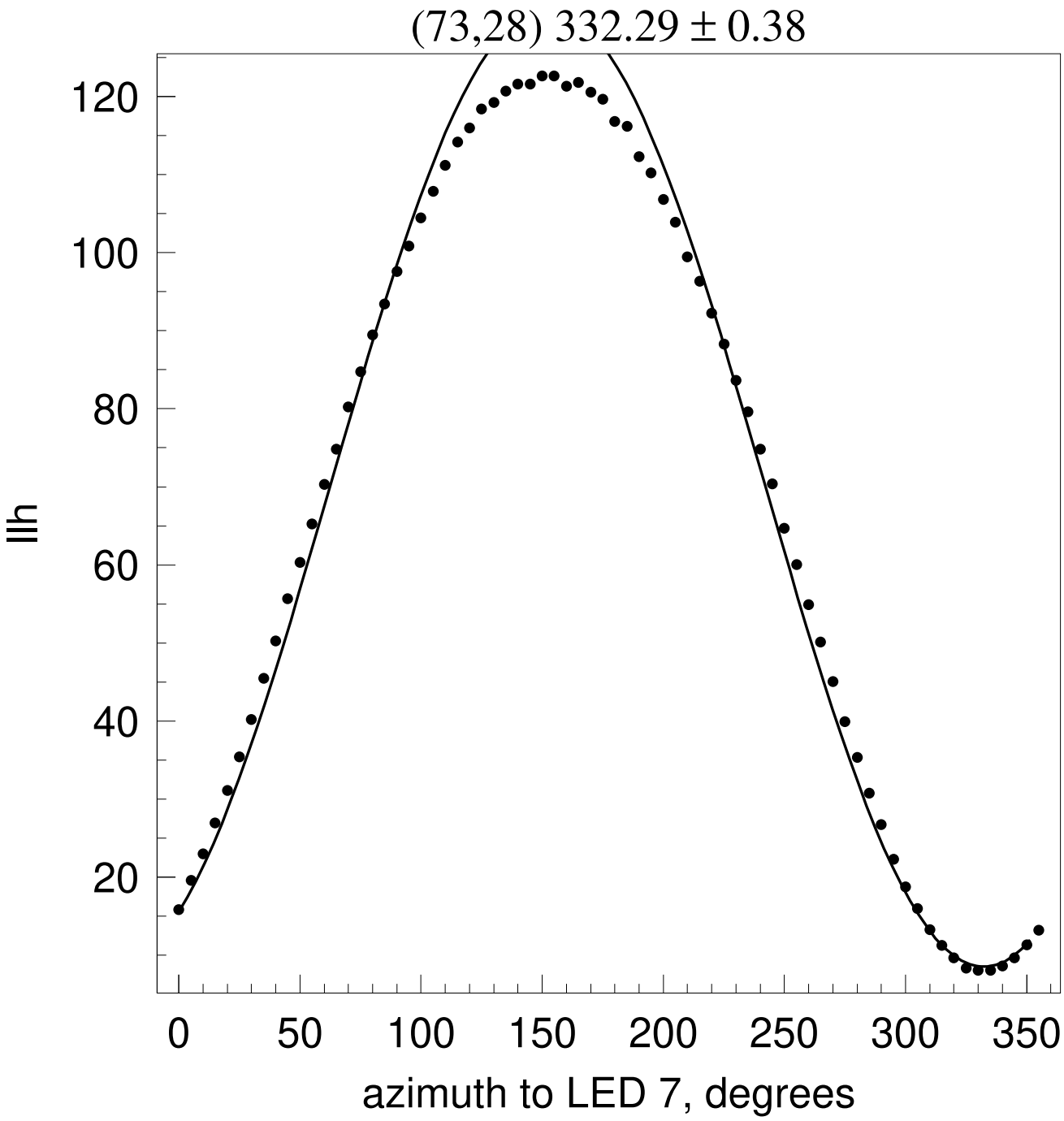

(73,23) 248.36 ± 0.32
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

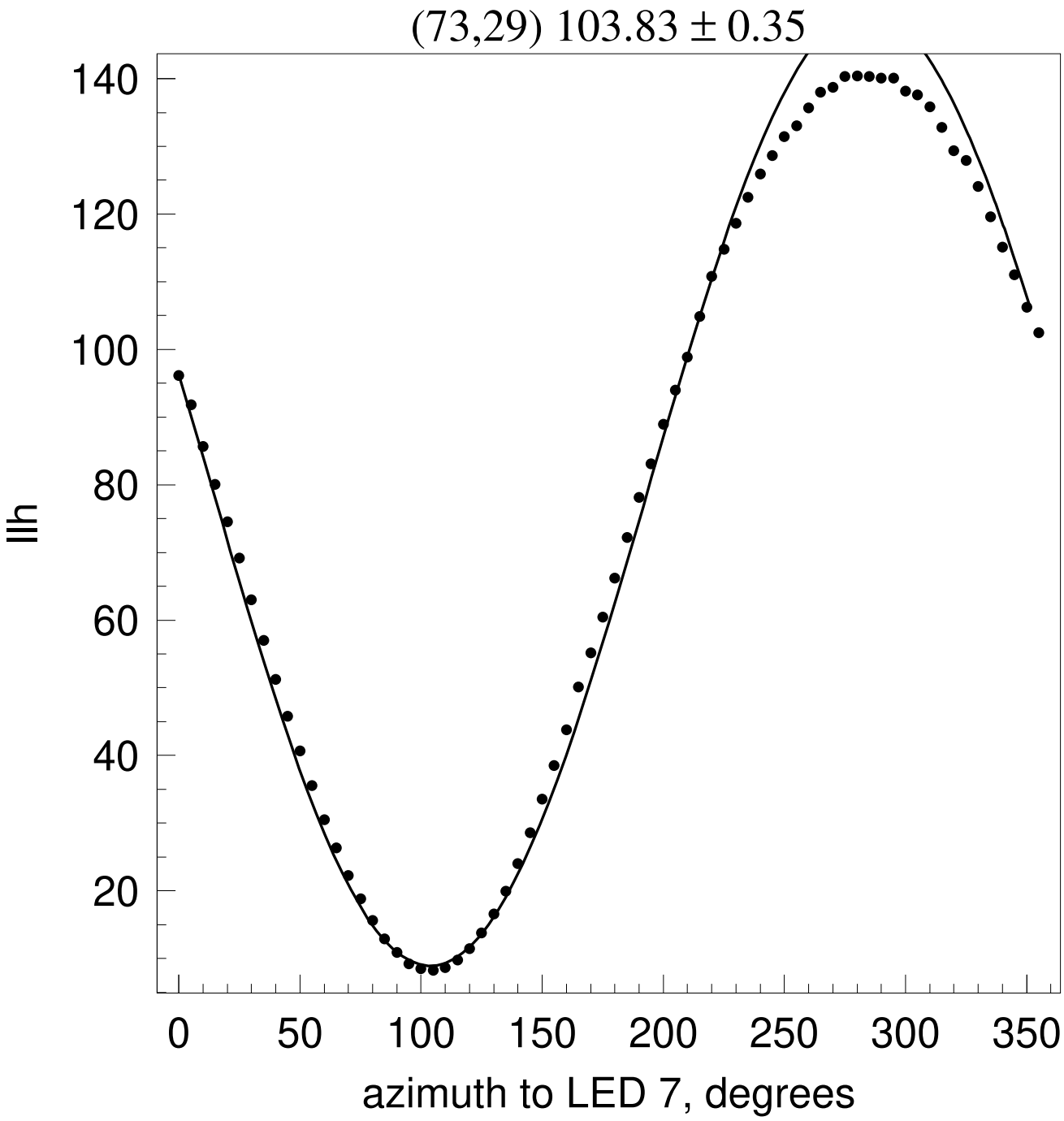

(73,24) 43.34 ± 0.20
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

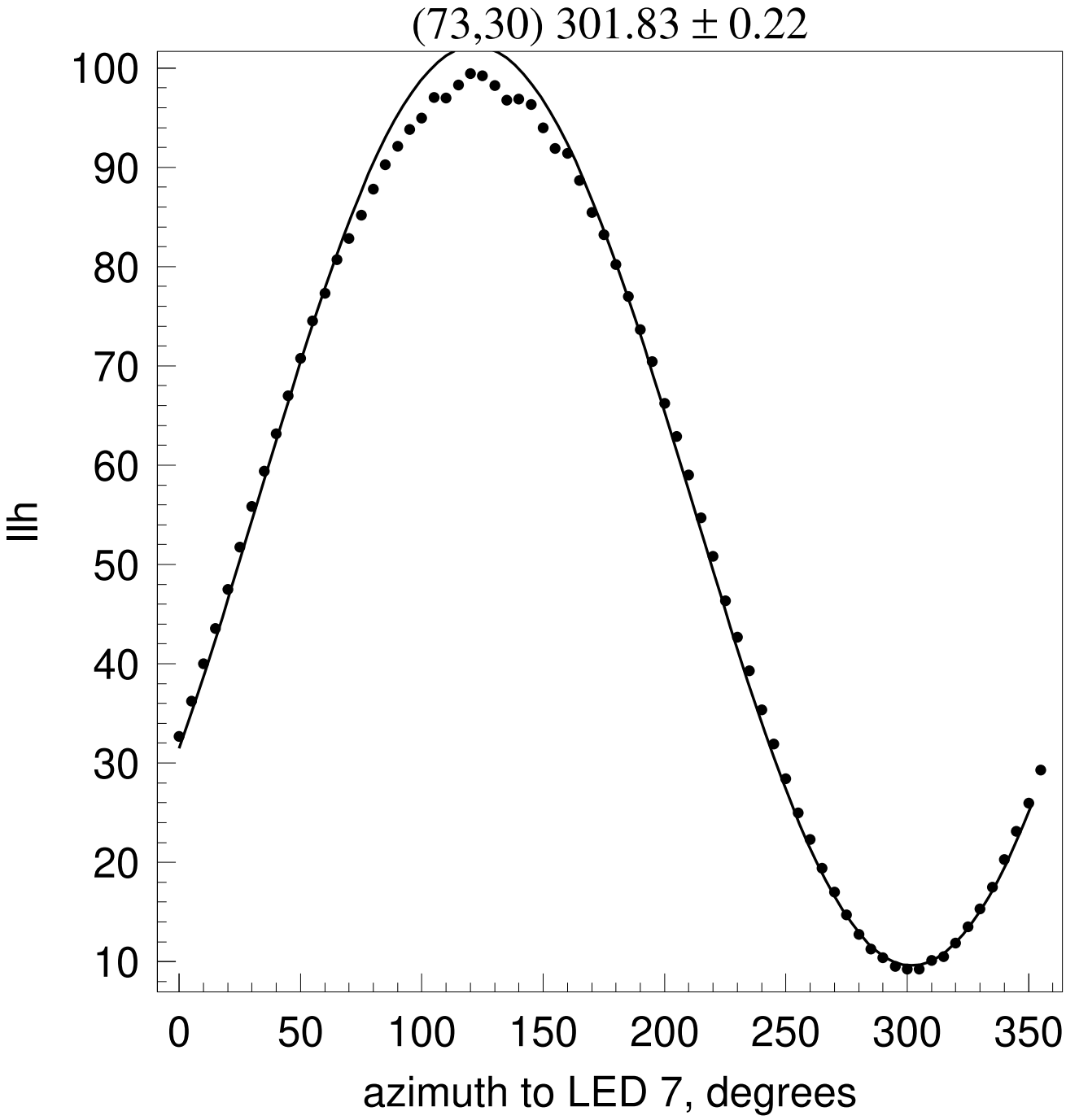

(73,25) 269.83 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

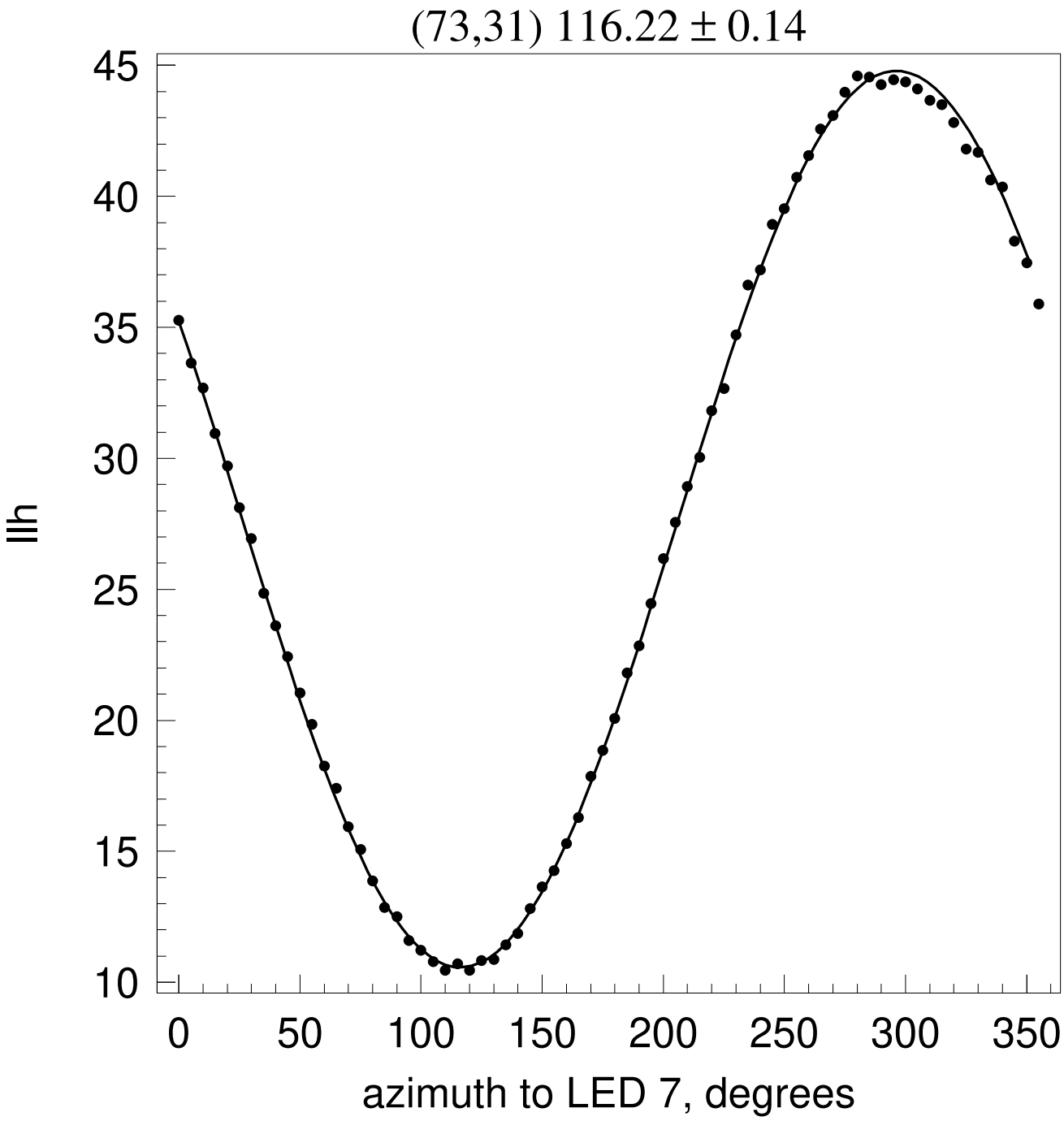

(73,26) 45.42 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

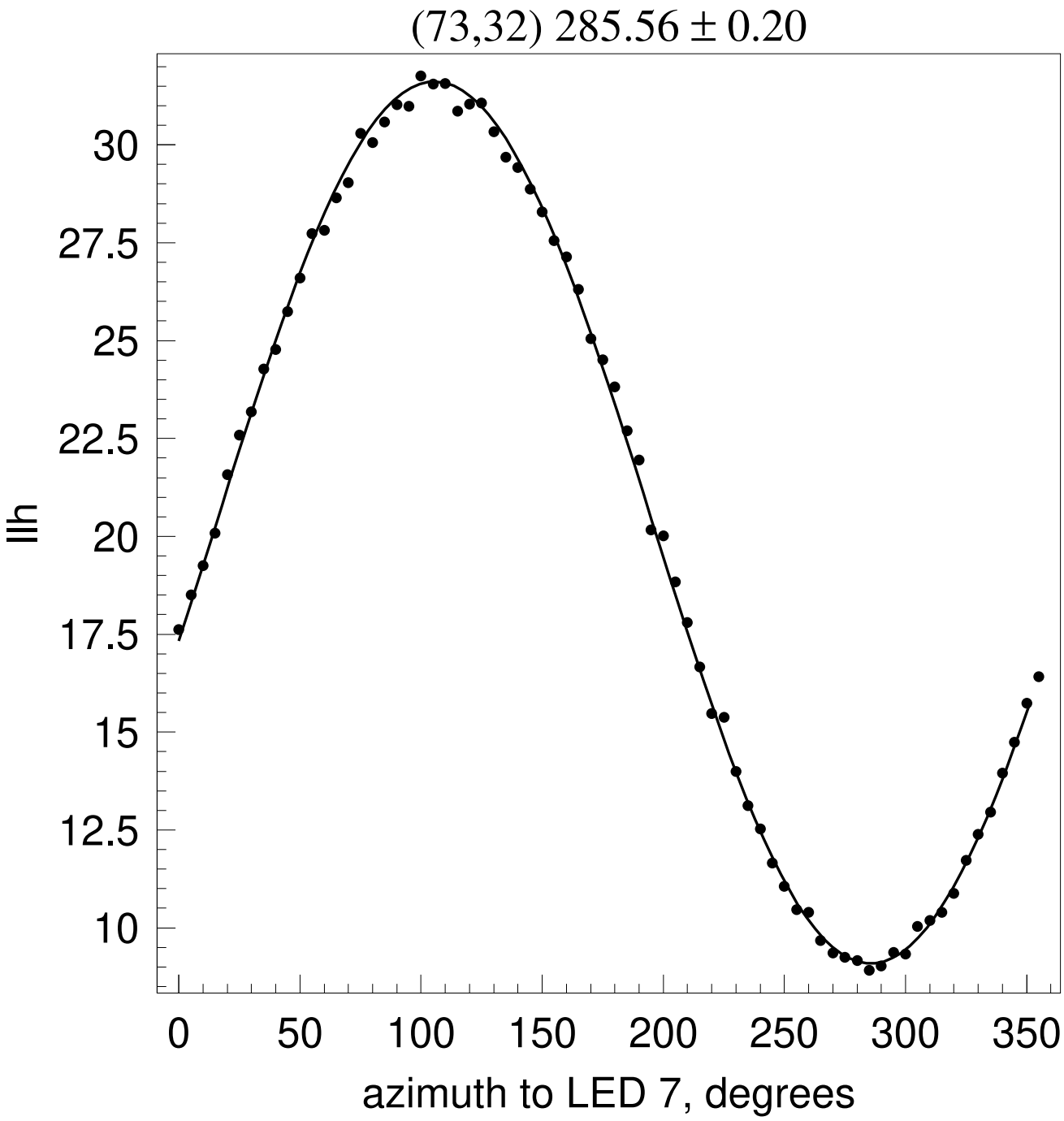

(73,27) 125.19 ± 0.35
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

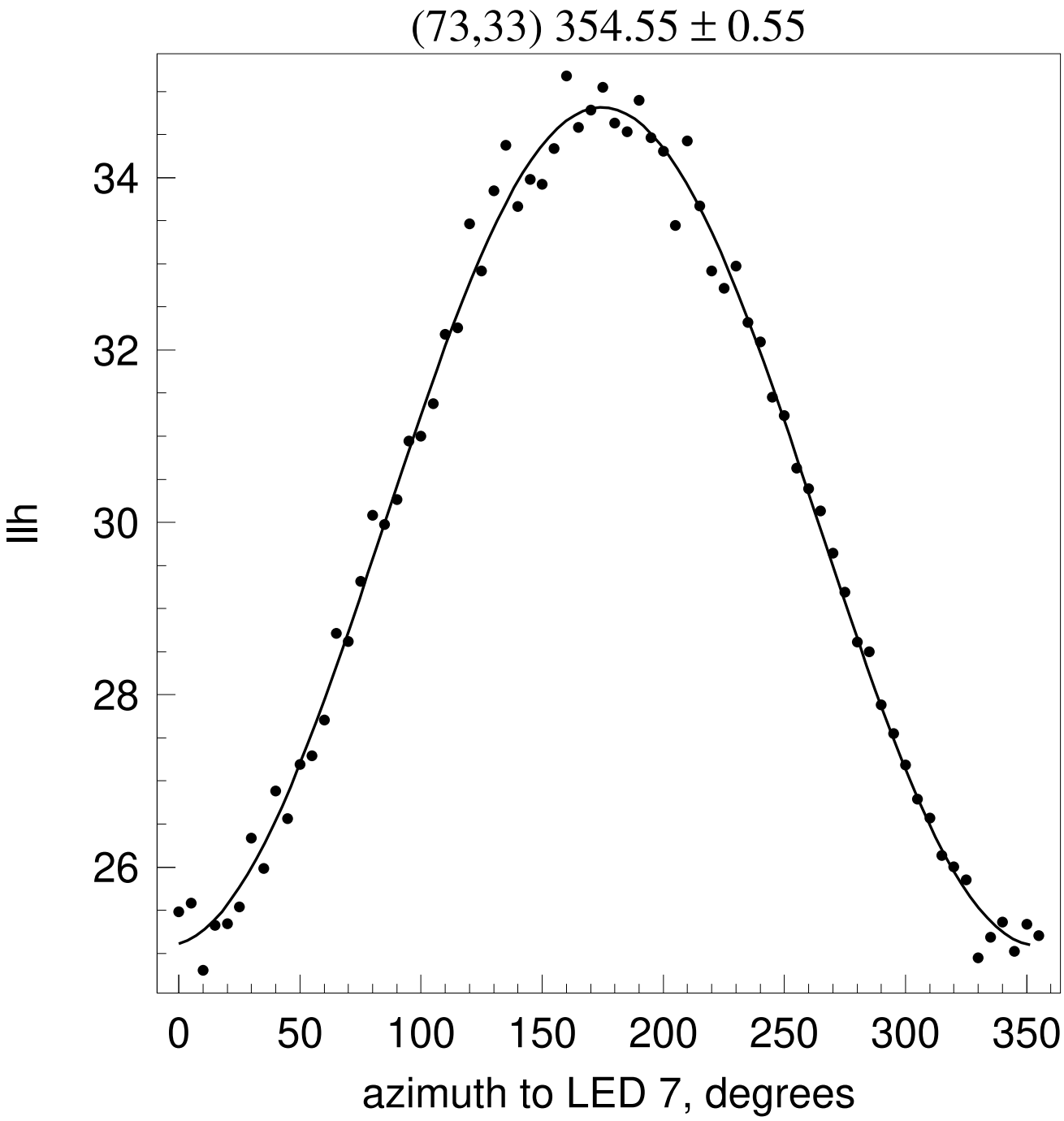

(73,28) 332.29 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

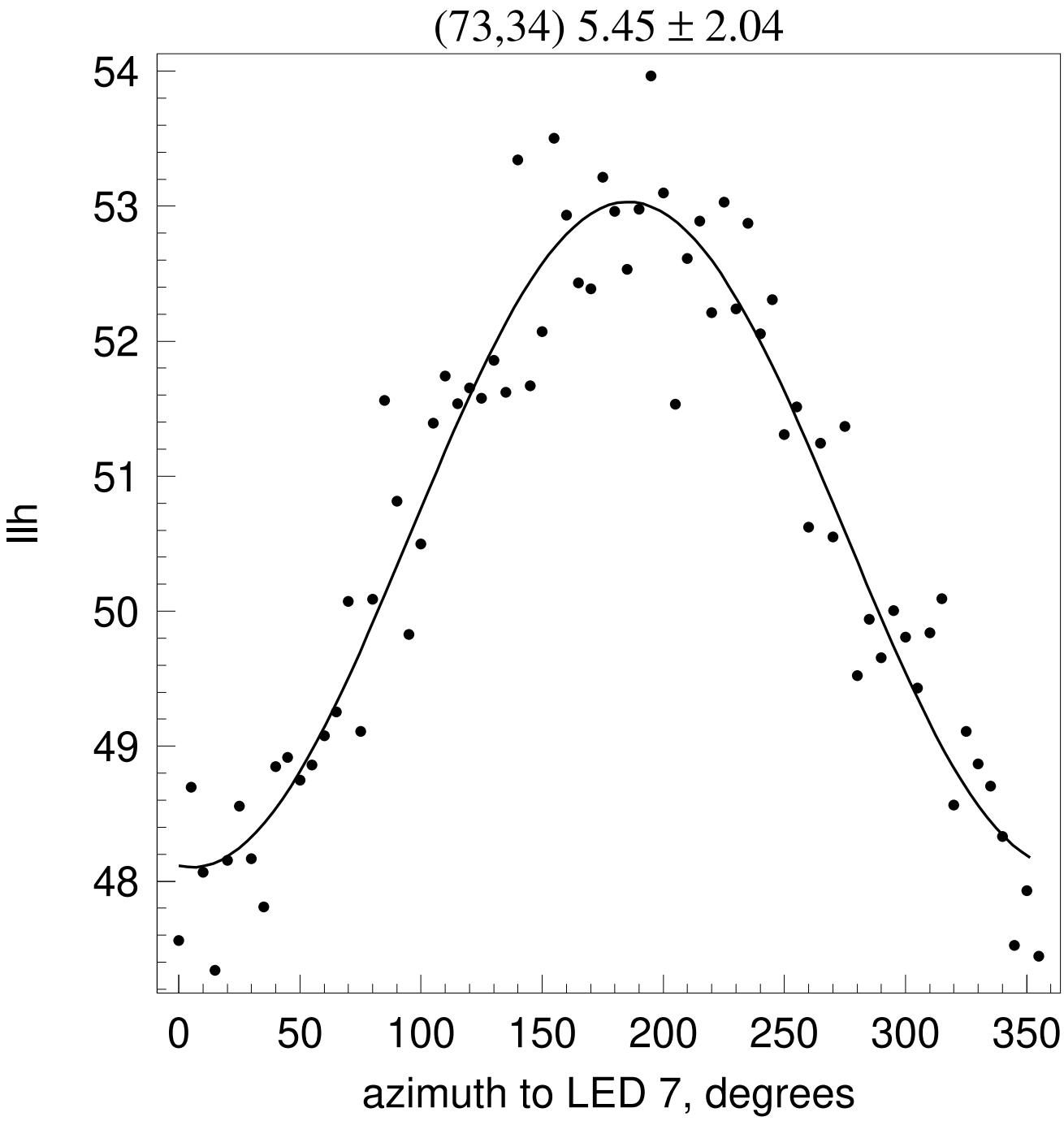

(73,29) 103.83 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

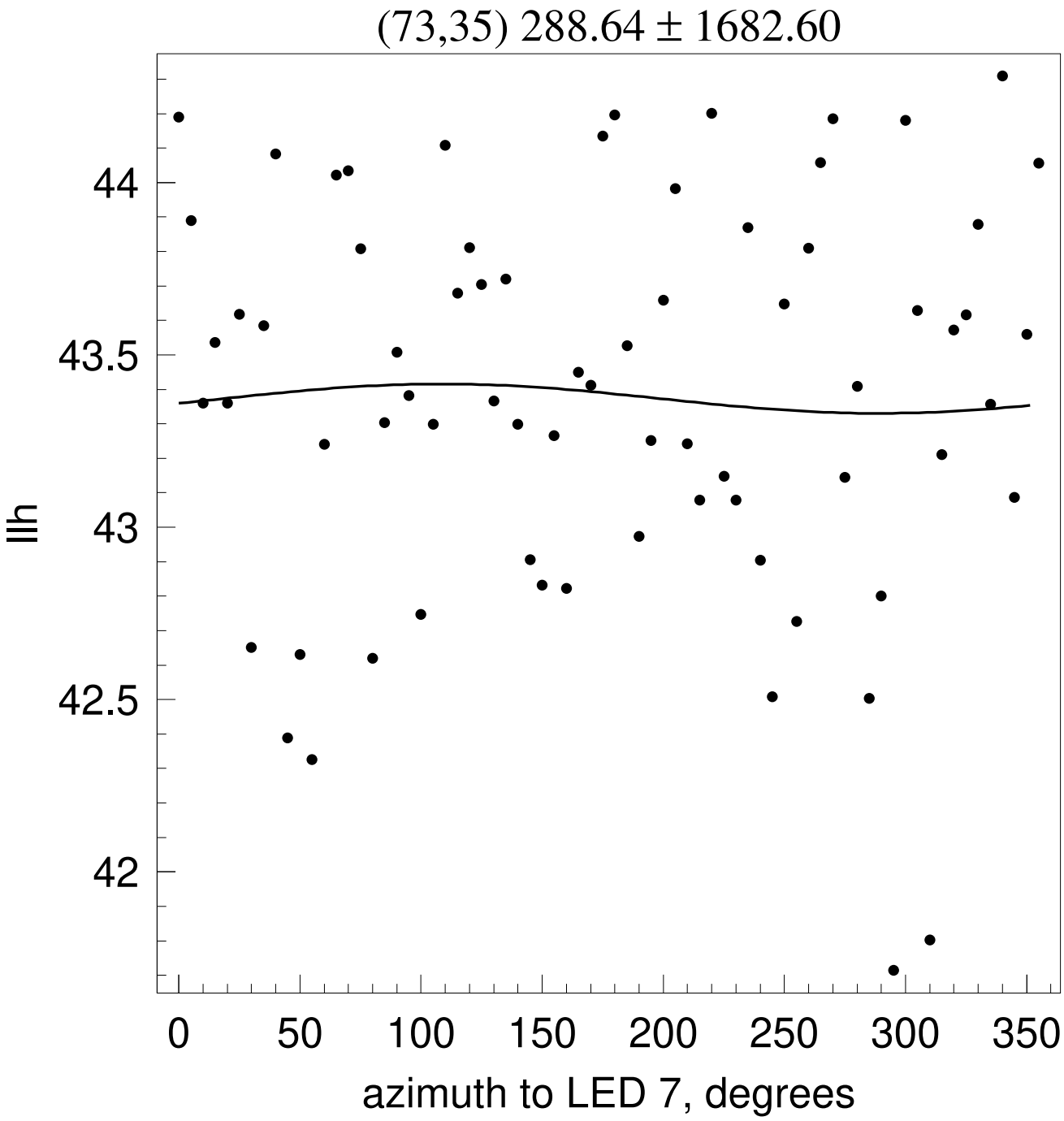

(73,30) 301.83 ± 0.22
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

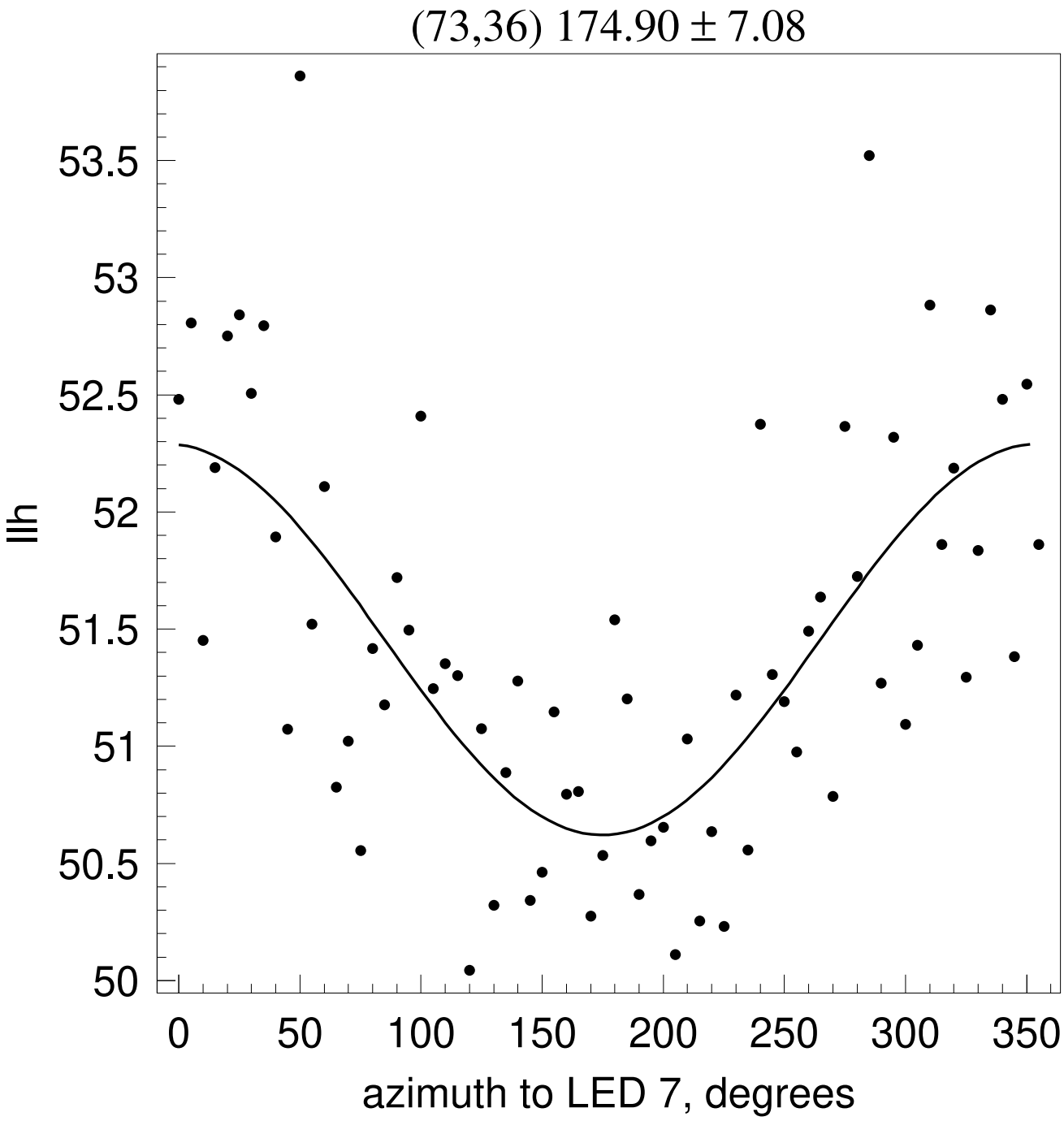

(73,31) 116.22 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

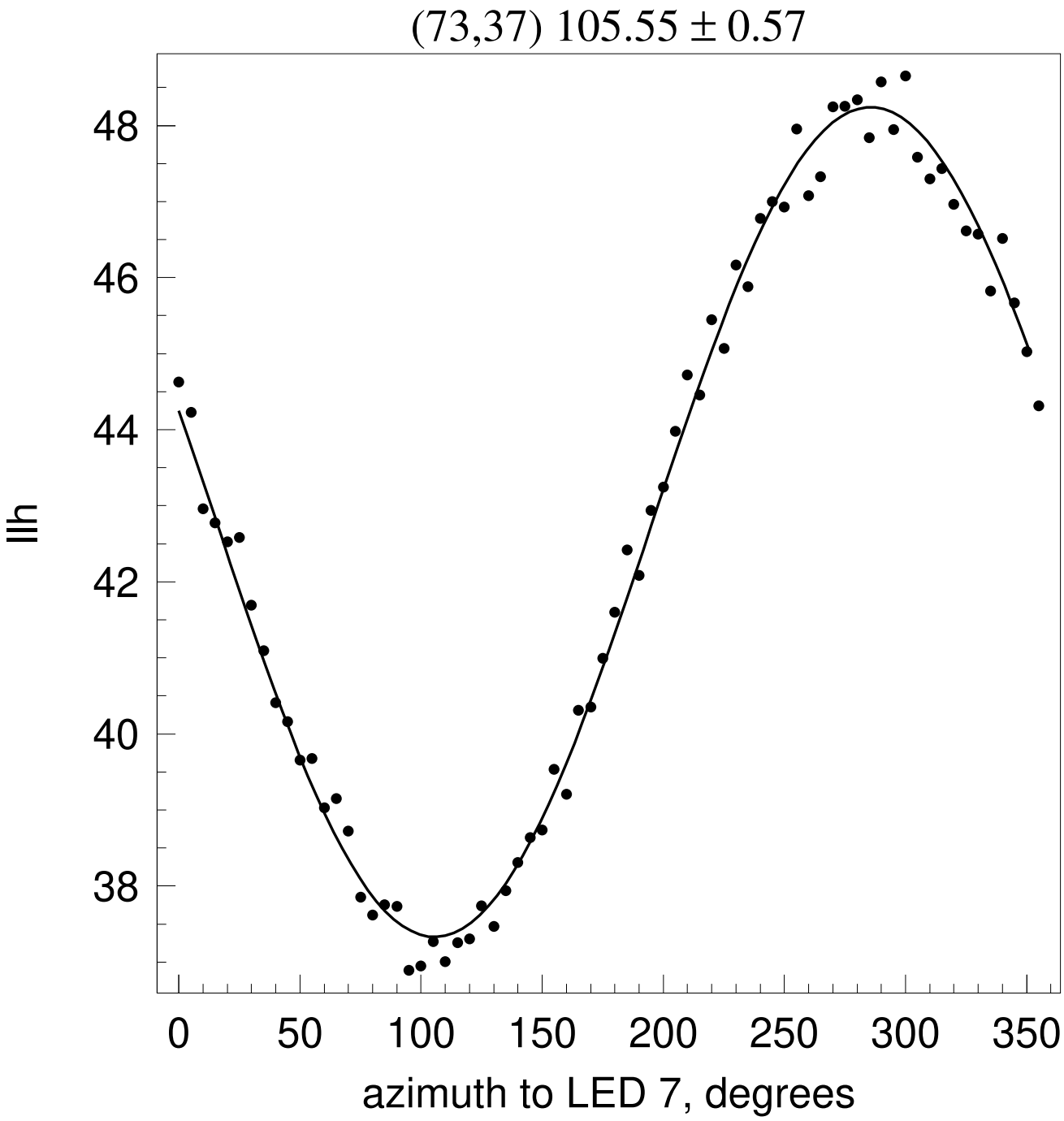

(73,32) 285.56 ± 0.20
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

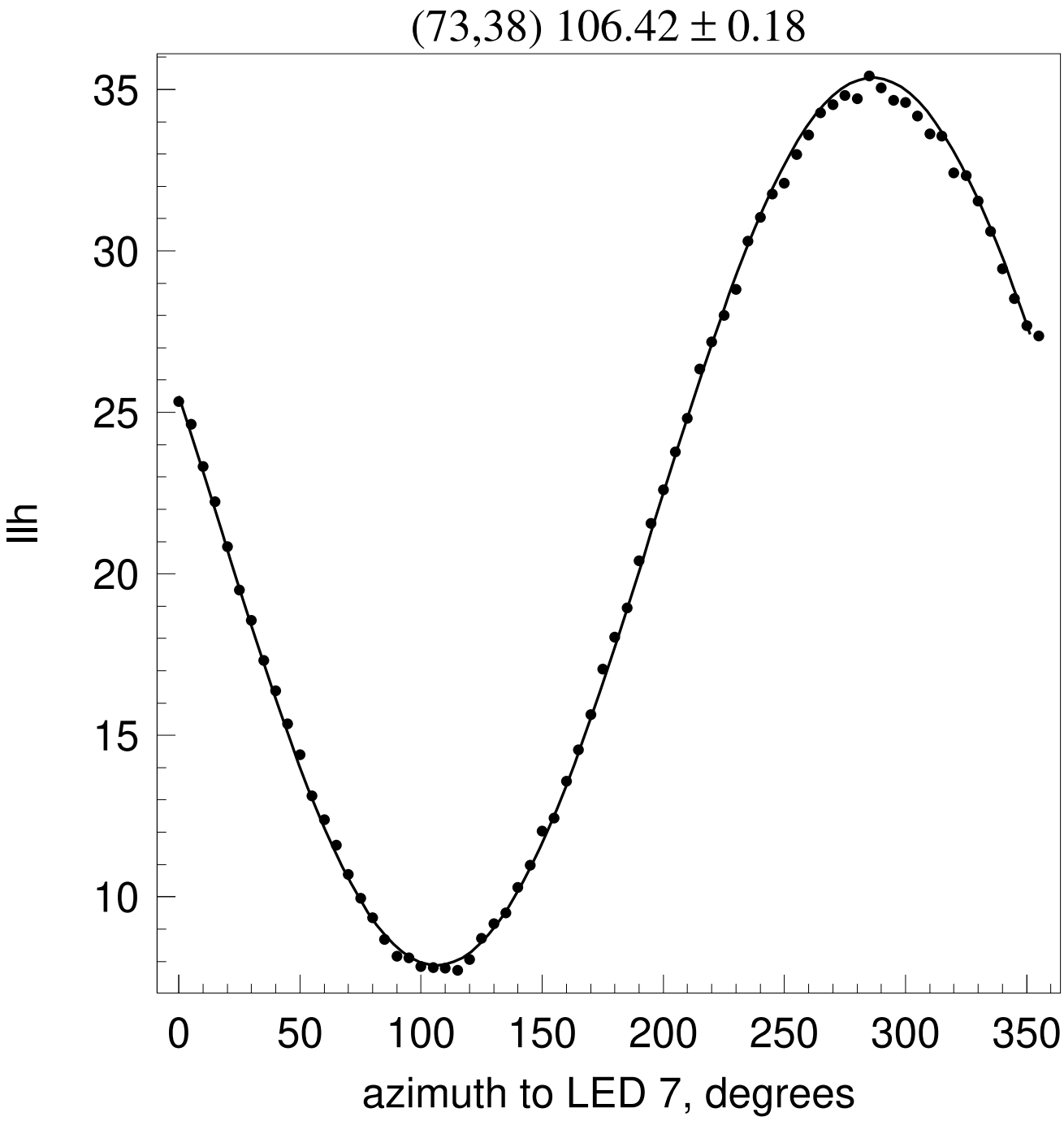

(73,33) 354.55 ± 0.55
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

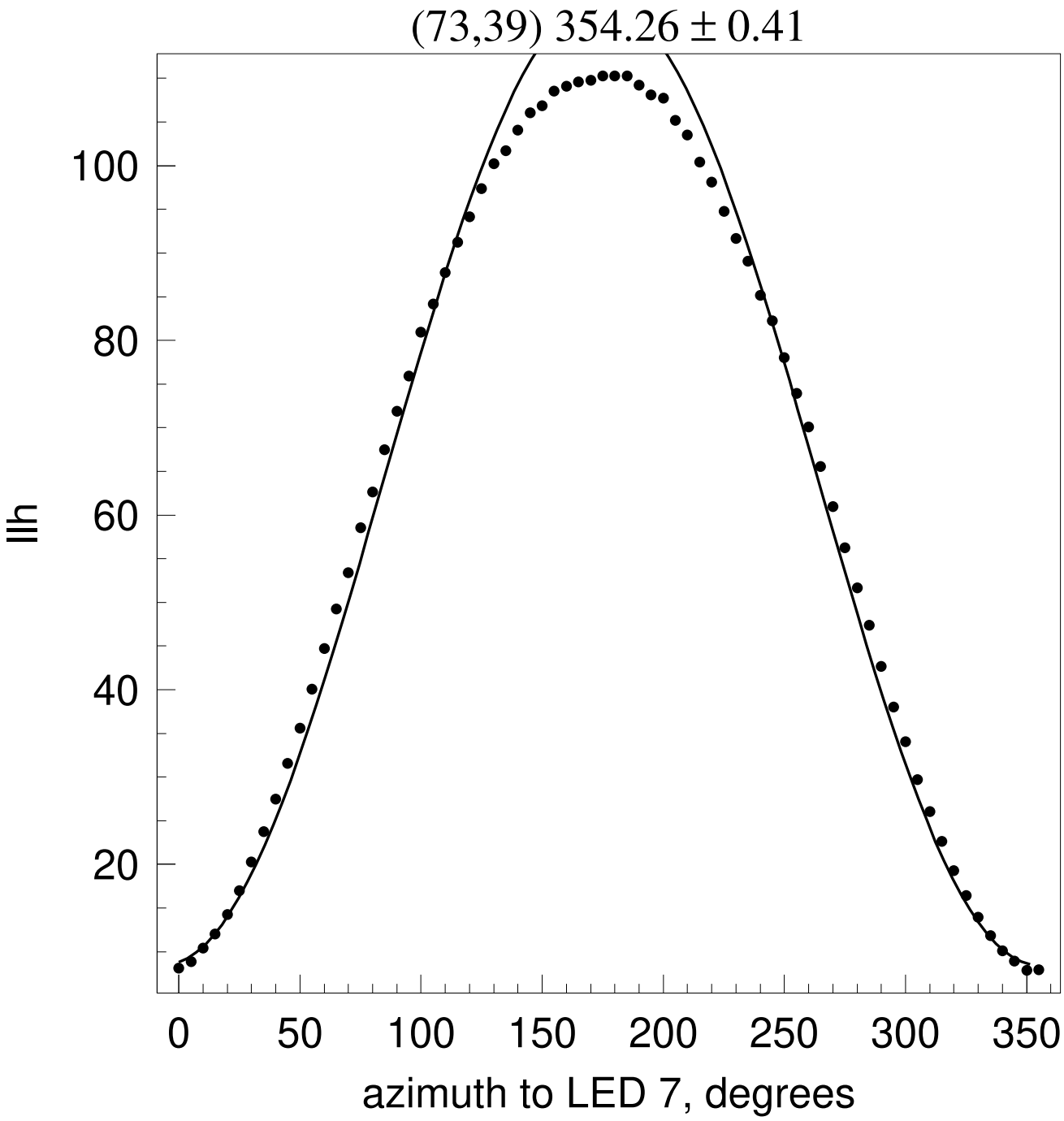

(73,34) 5.45 ± 2.04
54
53
52
51
50
49
48
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

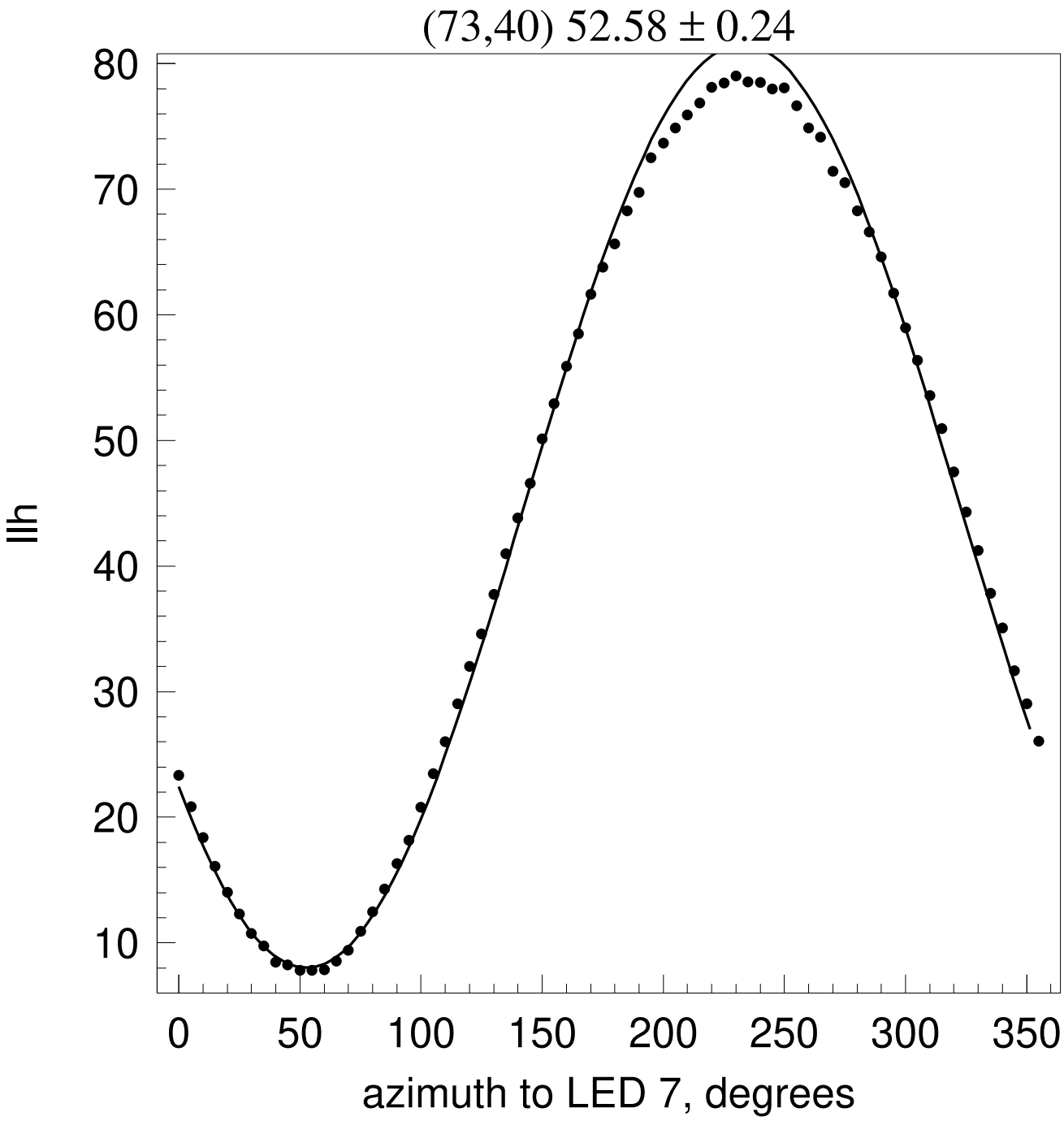

(73,35) 288.64 ± 1682.60
44
43.5
43
42.5
42
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

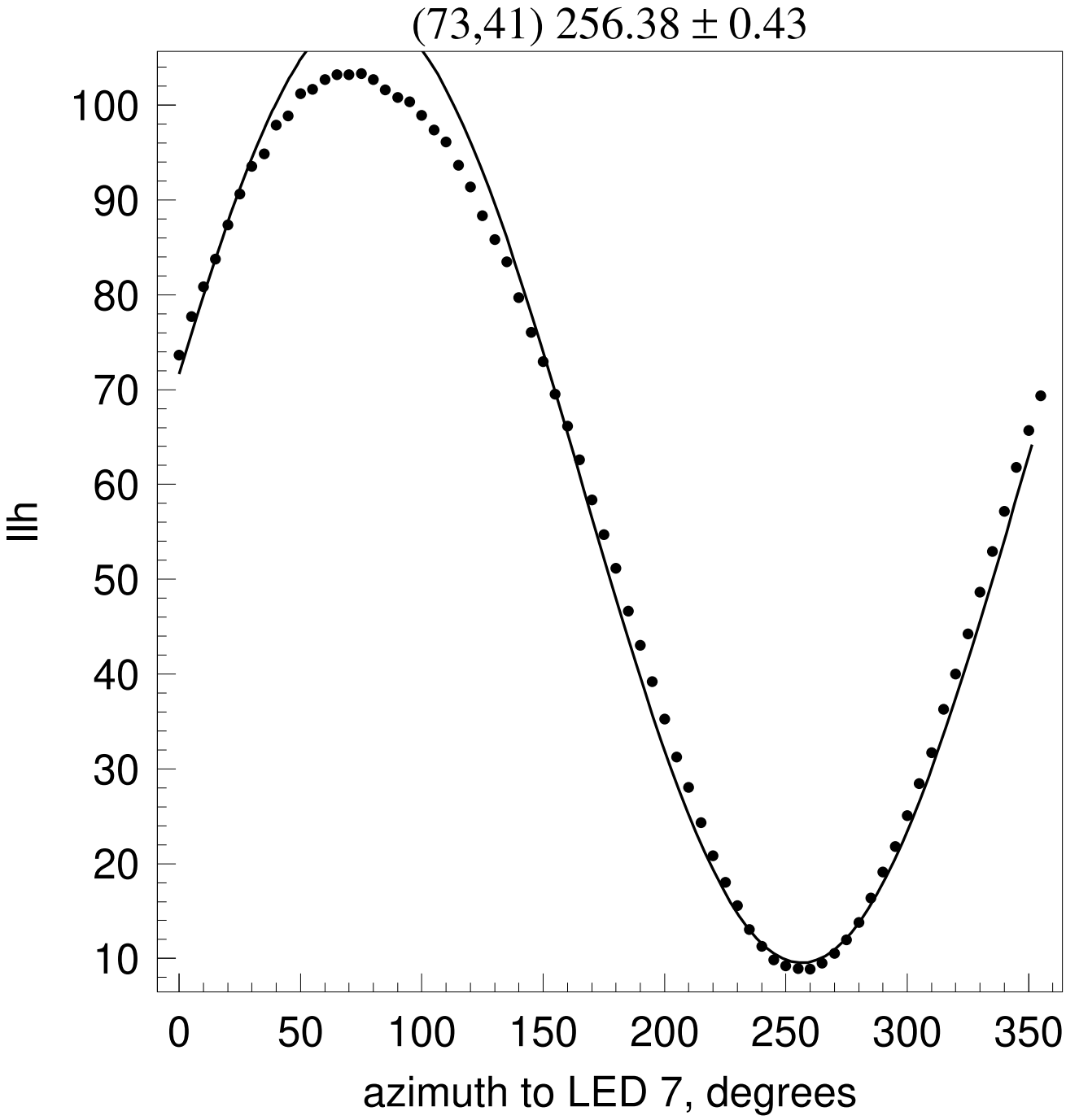

(73,36) 174.90 ± 7.08
53.5
53
52.5
52
51.5
51
50.5
50
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

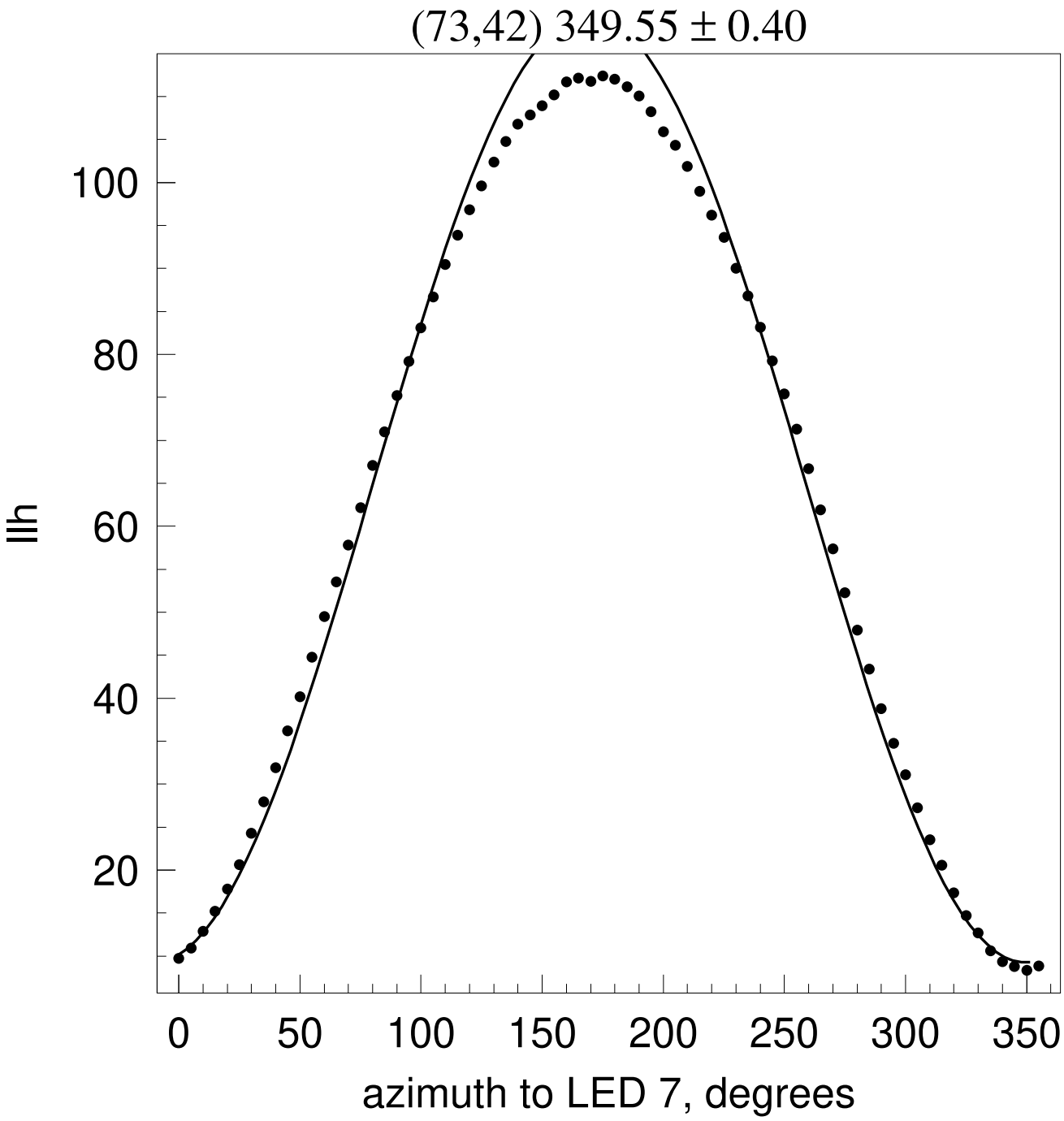

(73,37) 105.55 ± 0.57
48
46
44
42
40
38
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

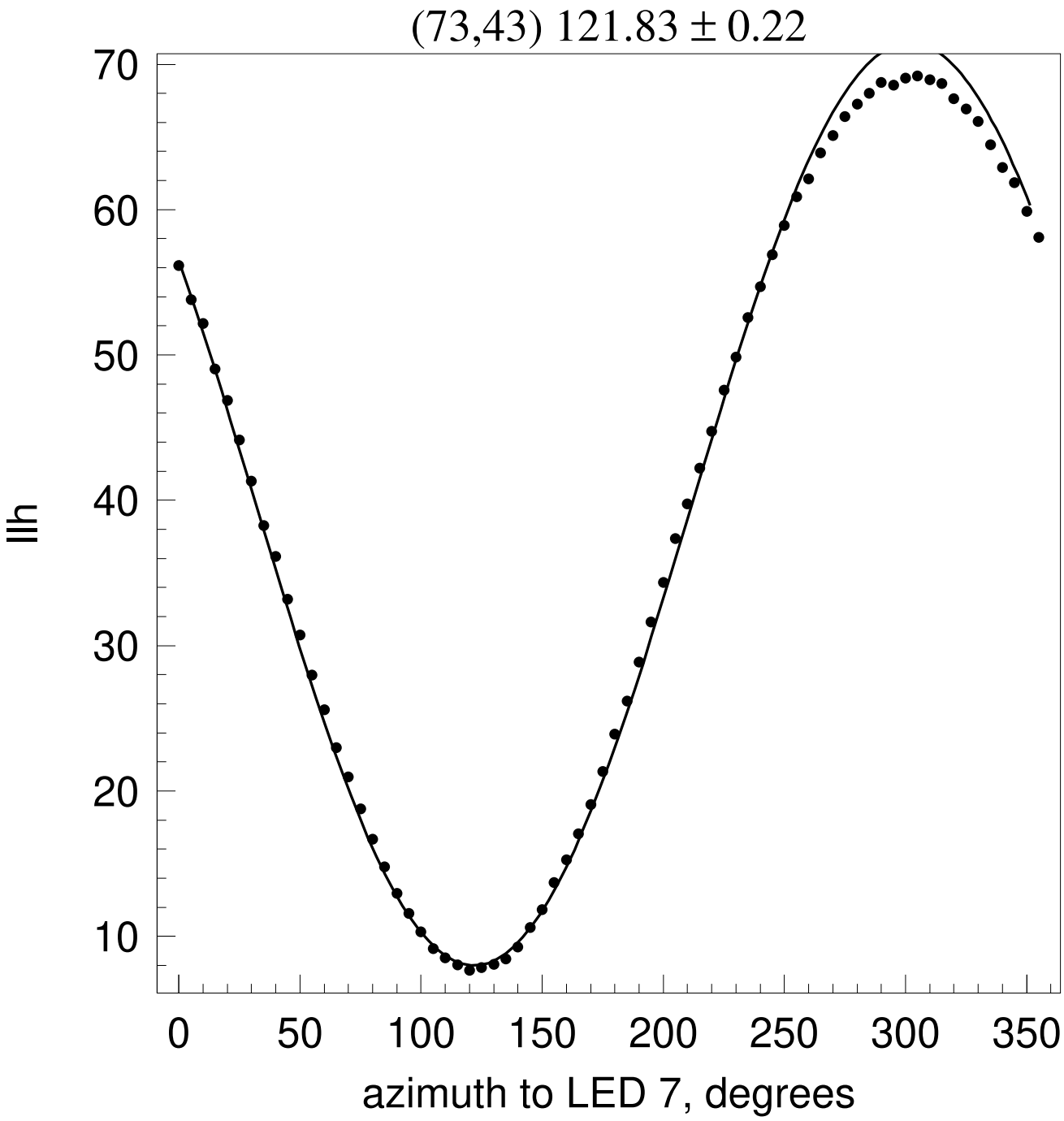

(73,38) 106.42 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

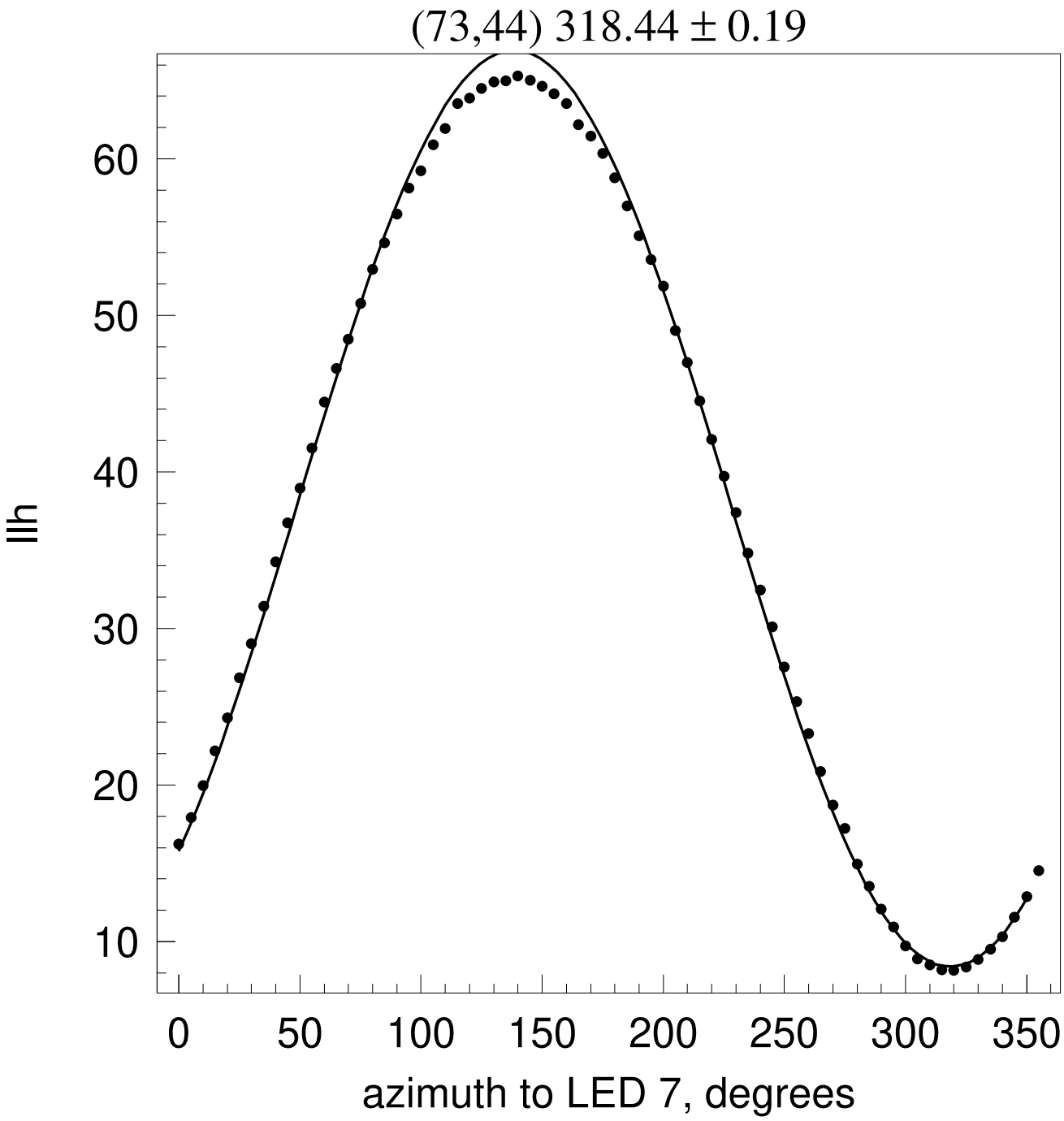

(73,39) 354.26 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

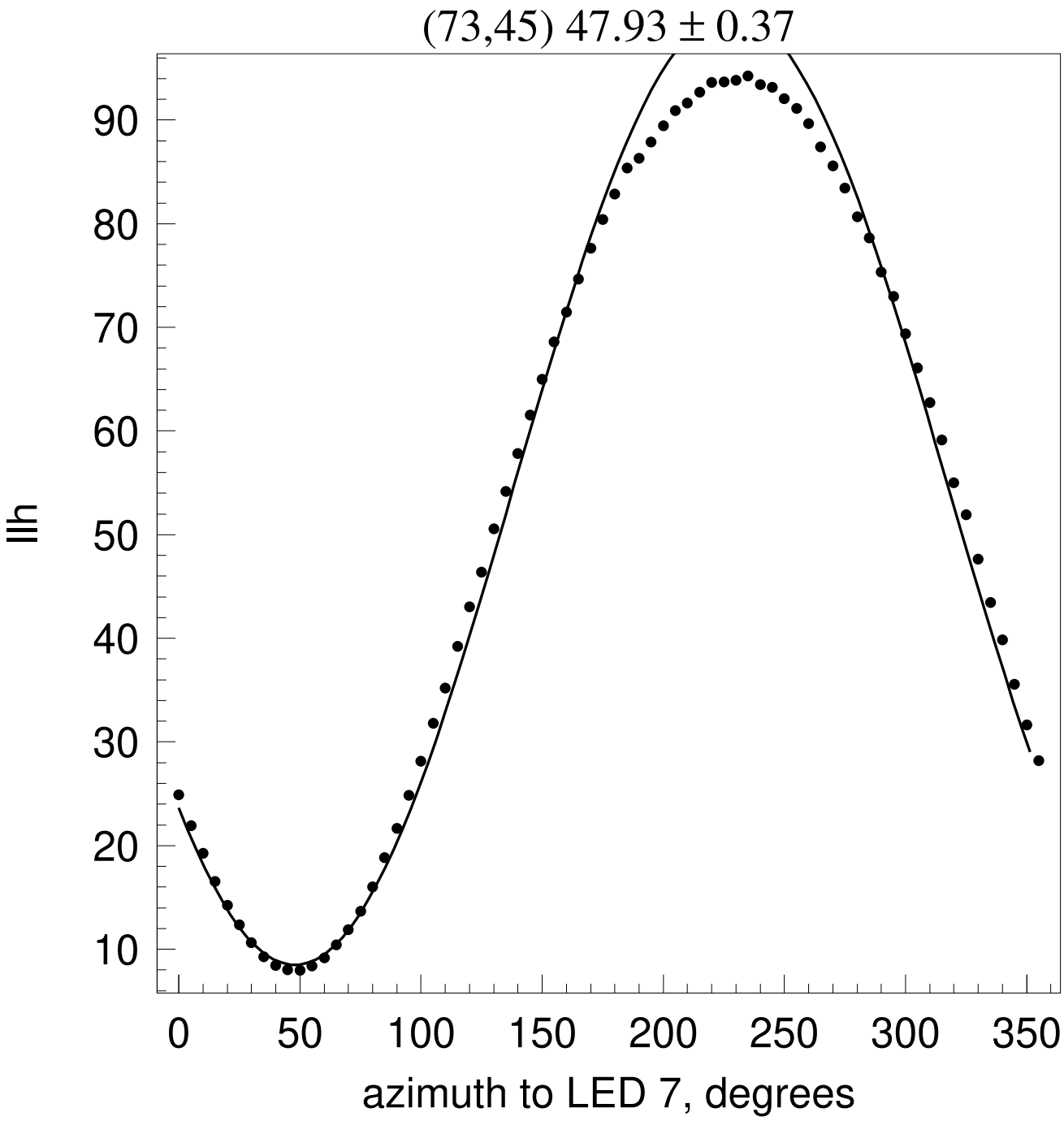

(73,40) 52.58 ± 0.24
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

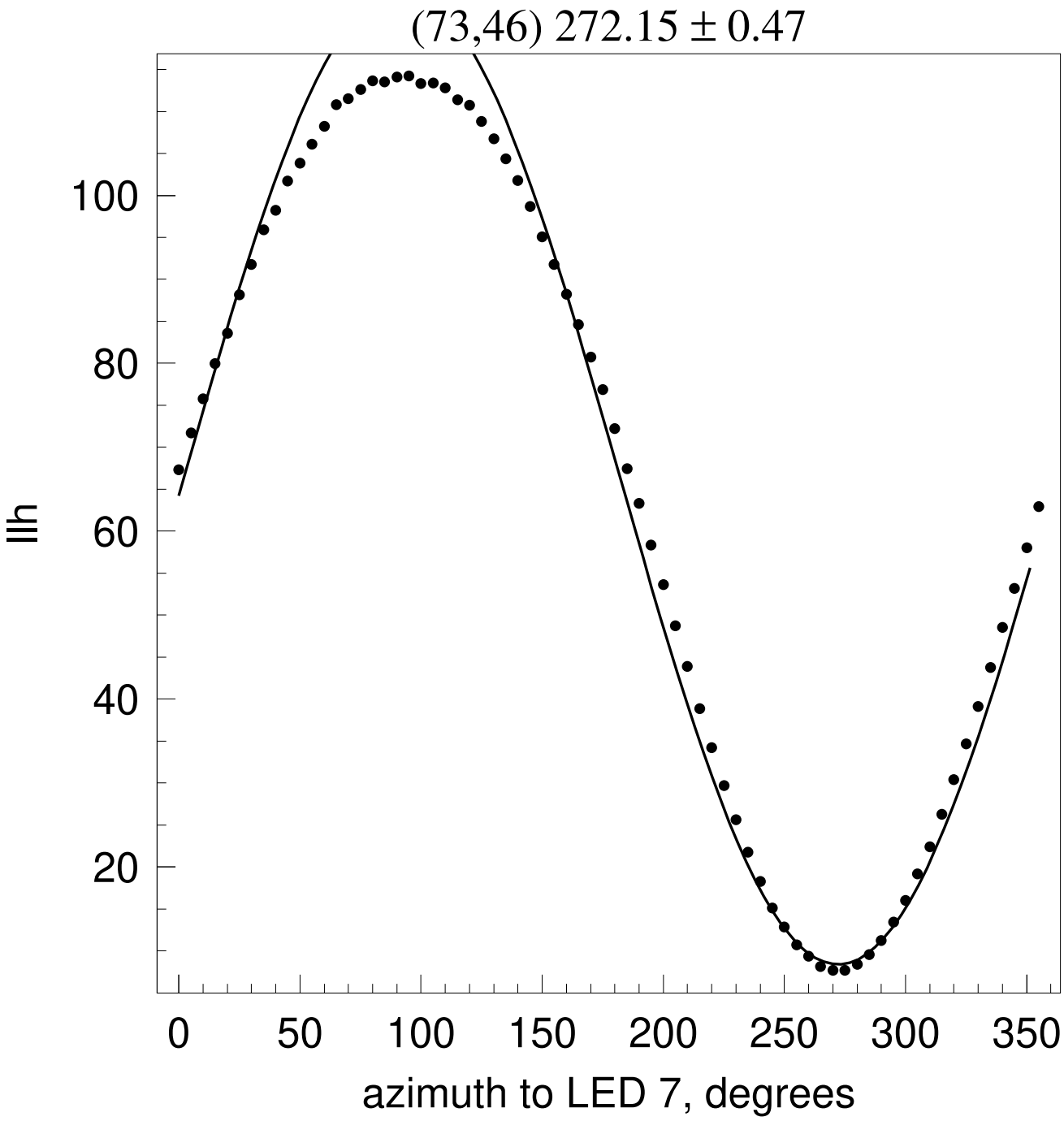

(73,41) 256.38 ± 0.43
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

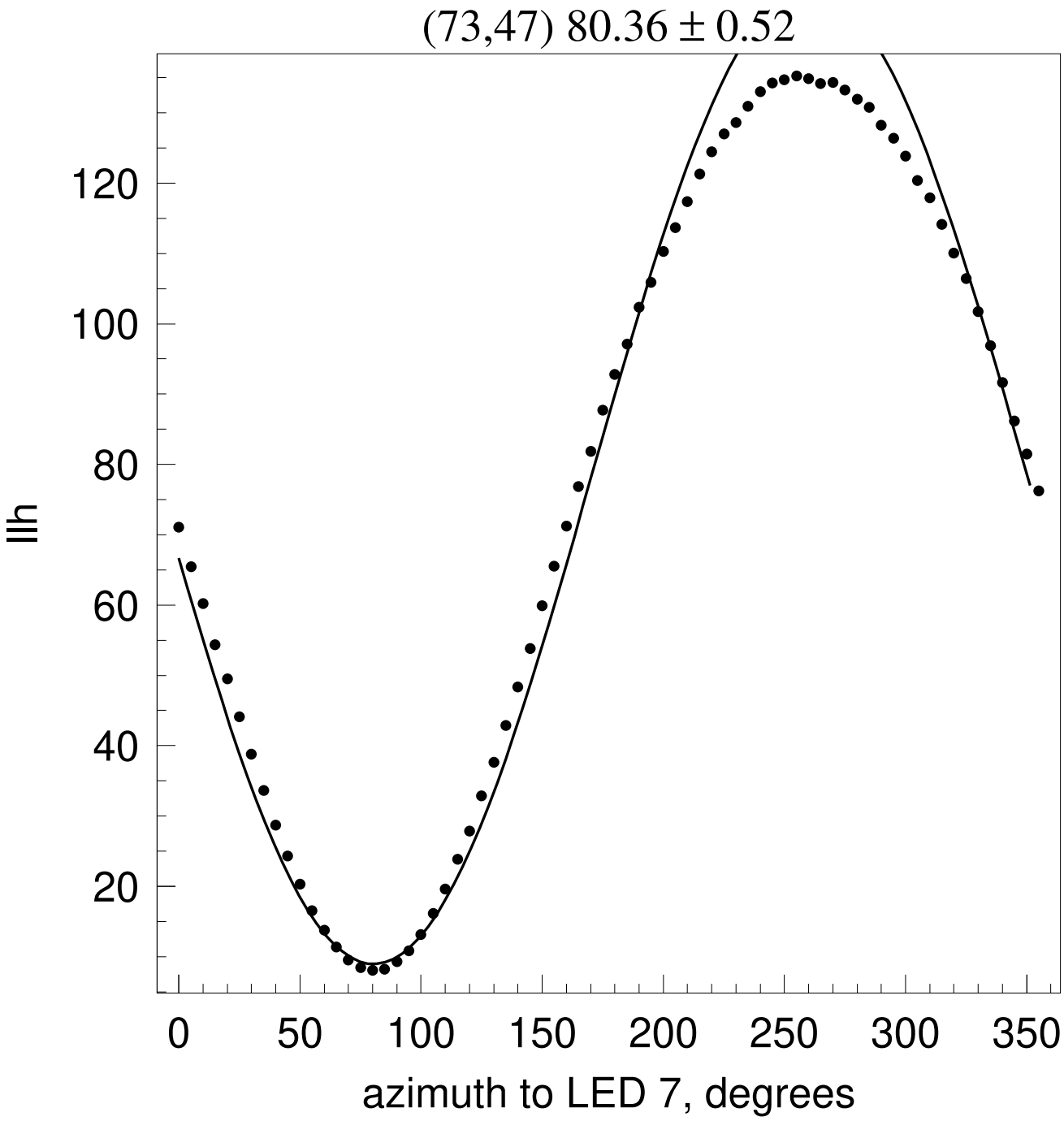

(73,42) 349.55 ± 0.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

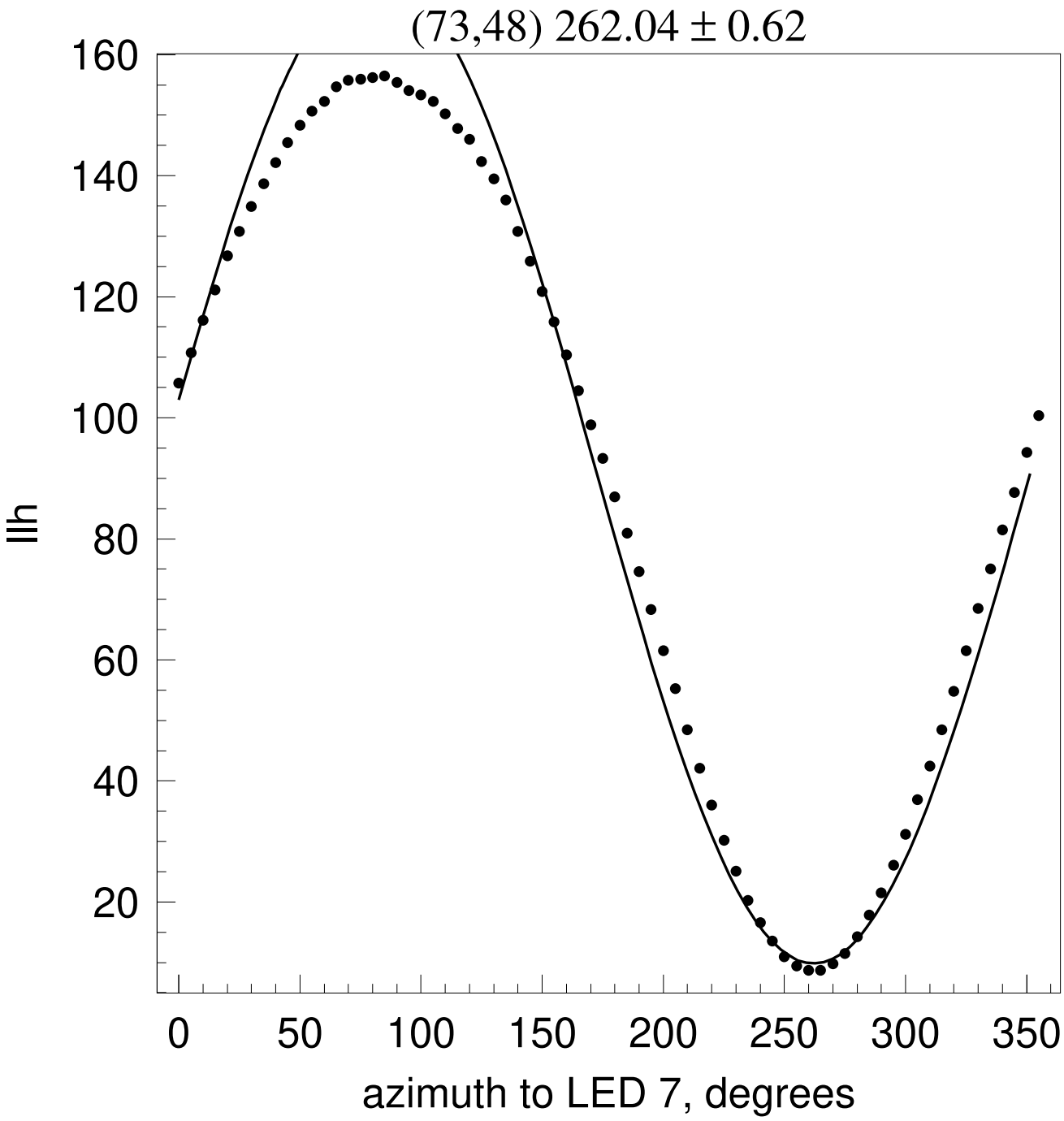

(73,43) 121.83 ± 0.22
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

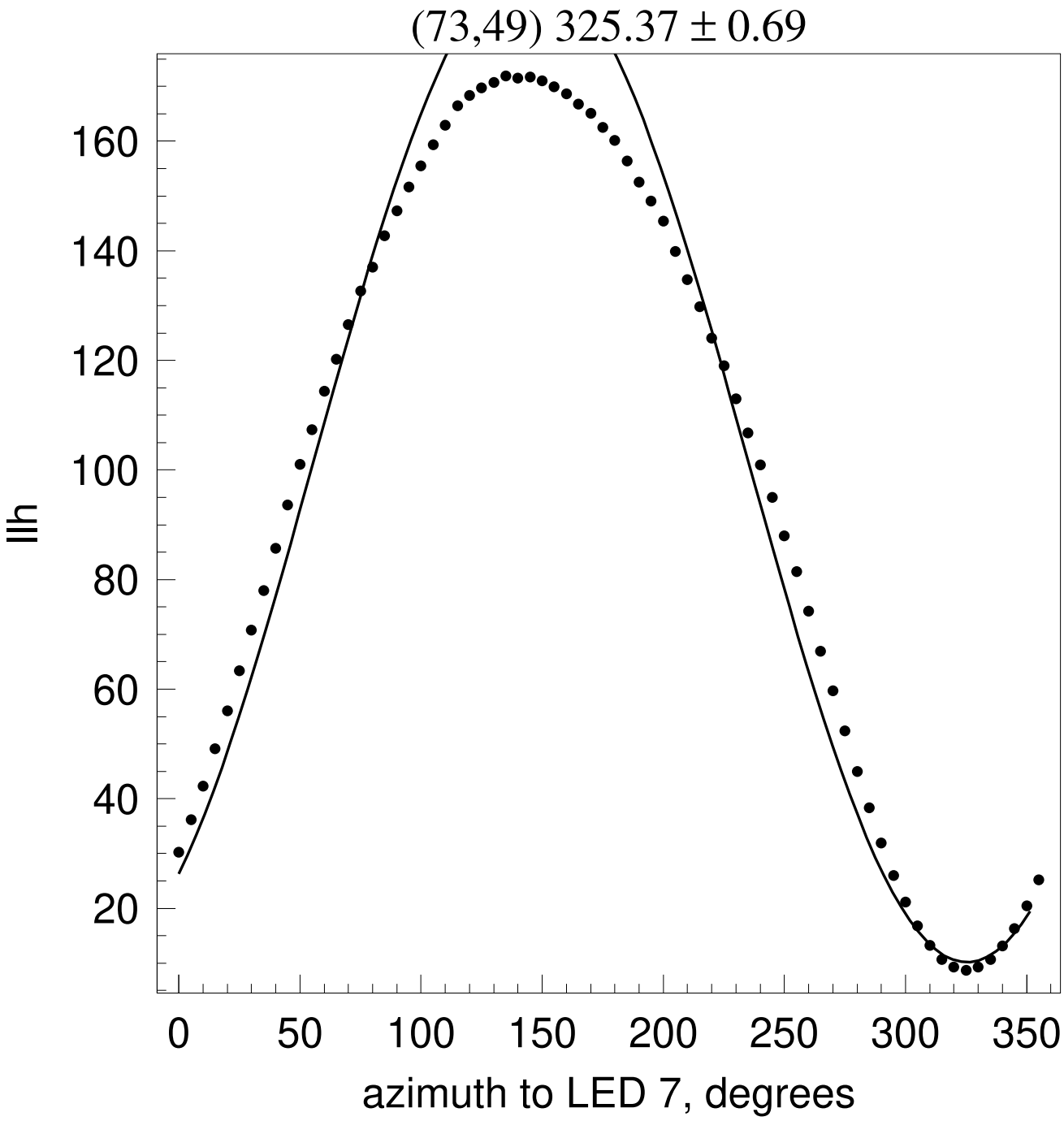

(73,44) 318.44 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

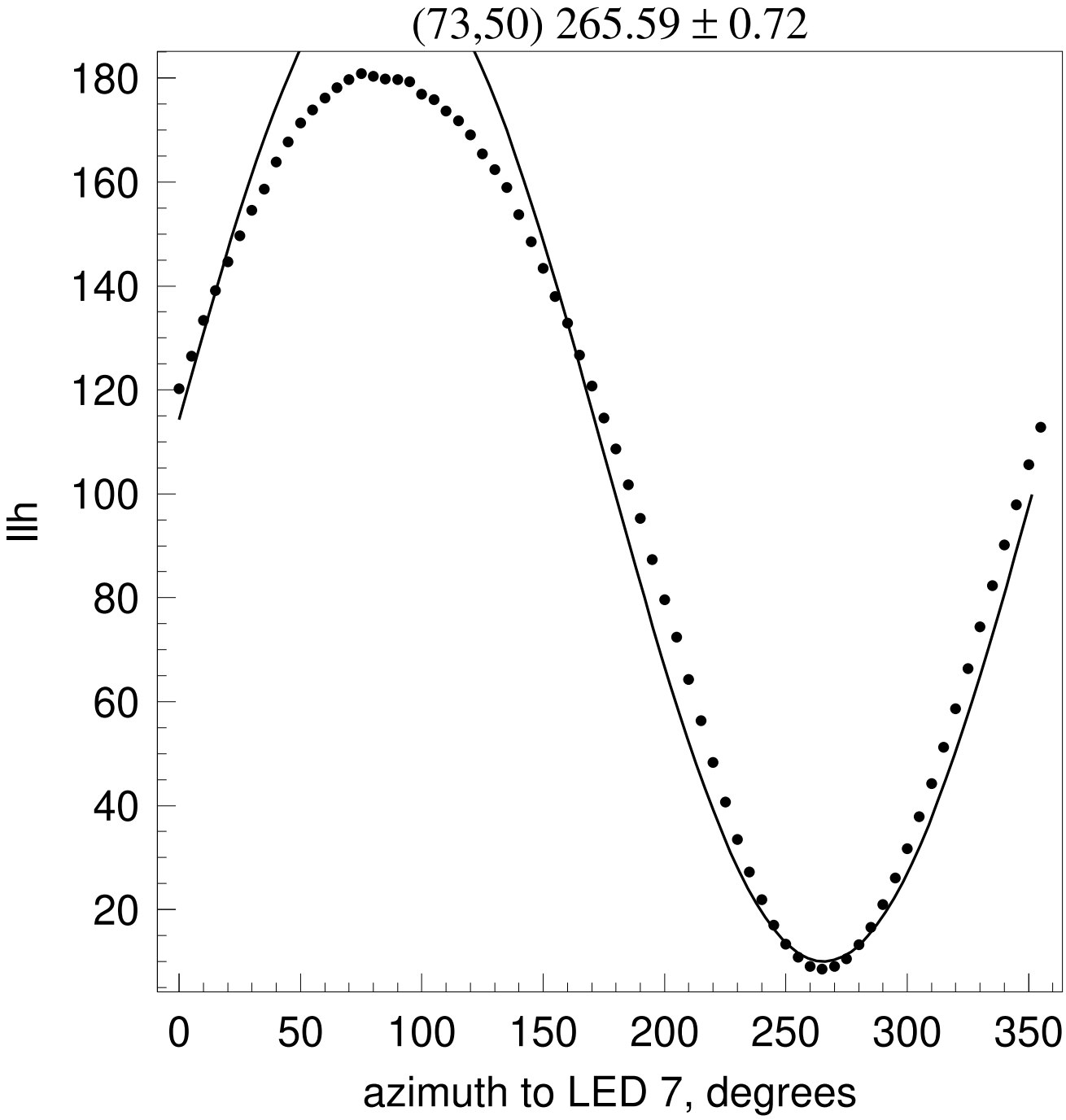

(73,45) 47.93 ± 0.37
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

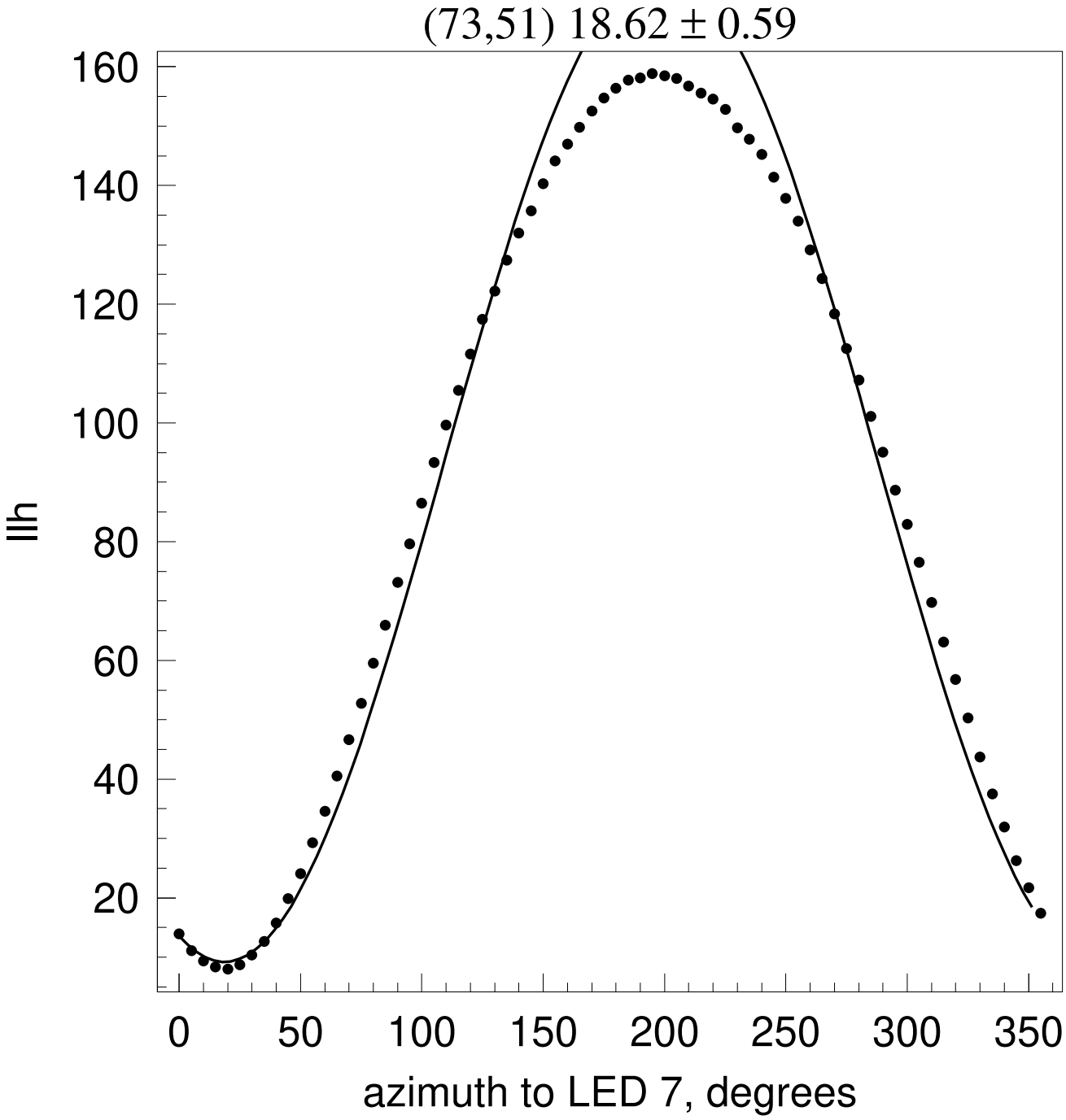

(73,46) 272.15 ± 0.47
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

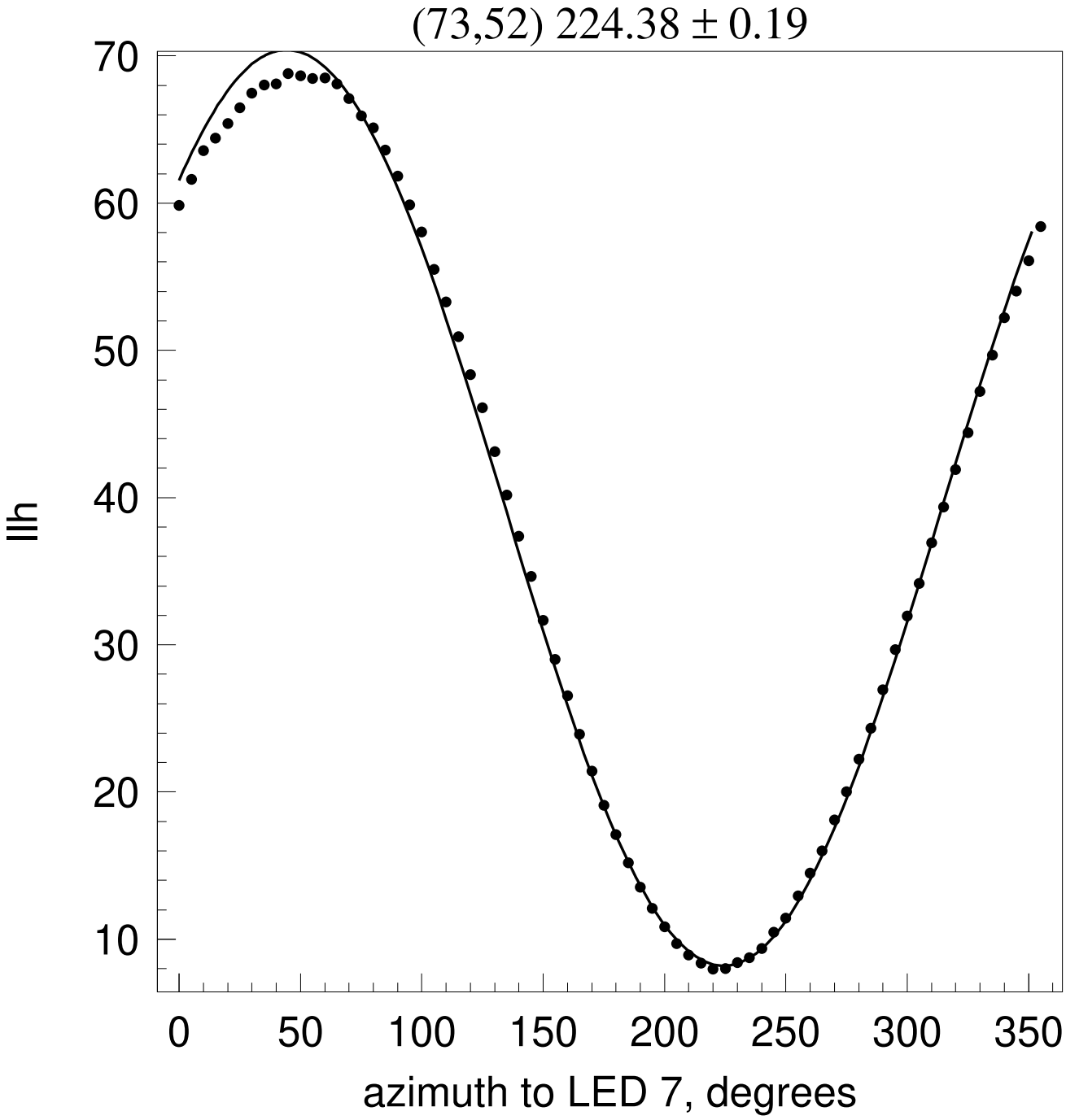

(73,47) 80.36 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

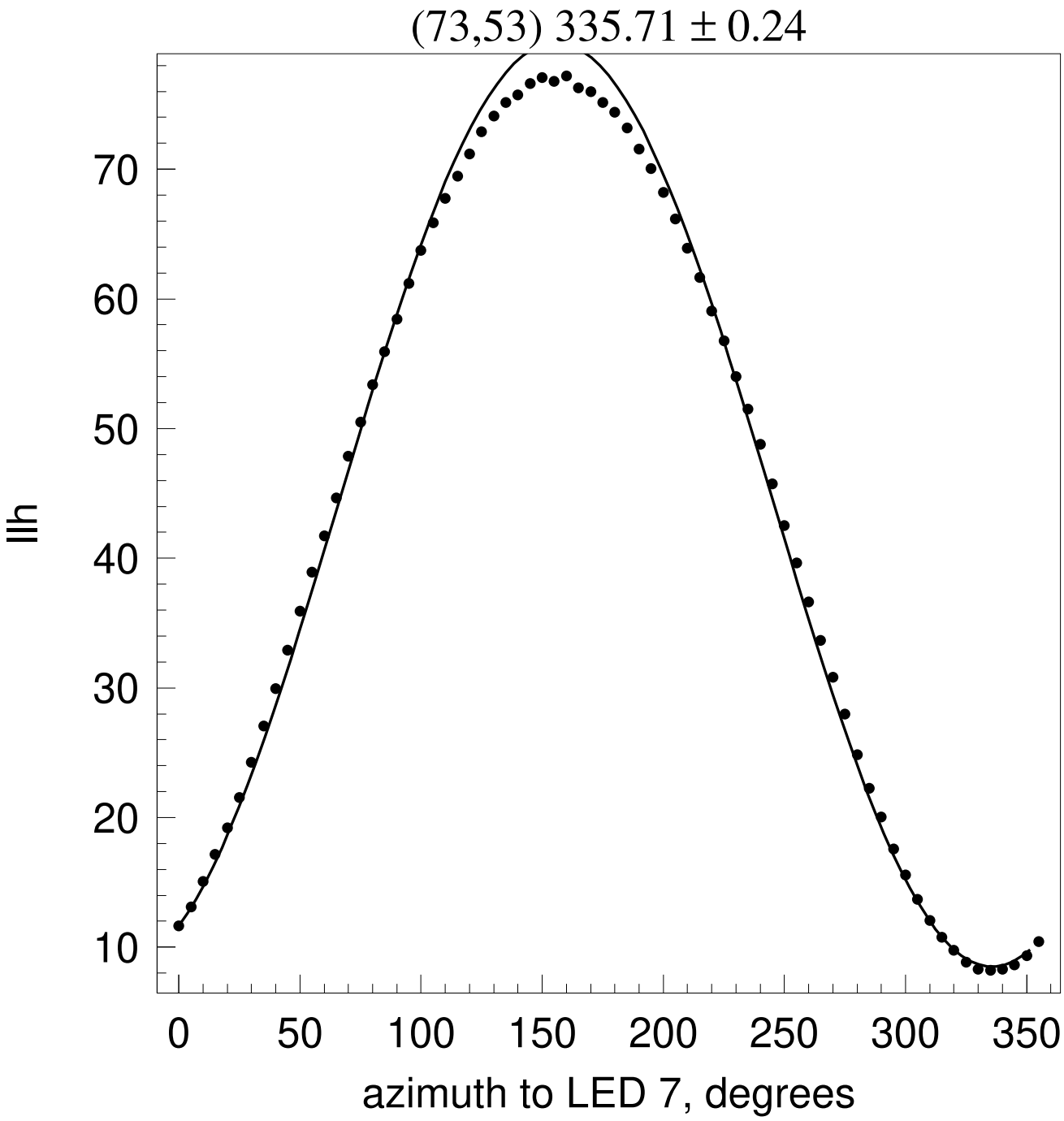

(73,48) 262.04 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

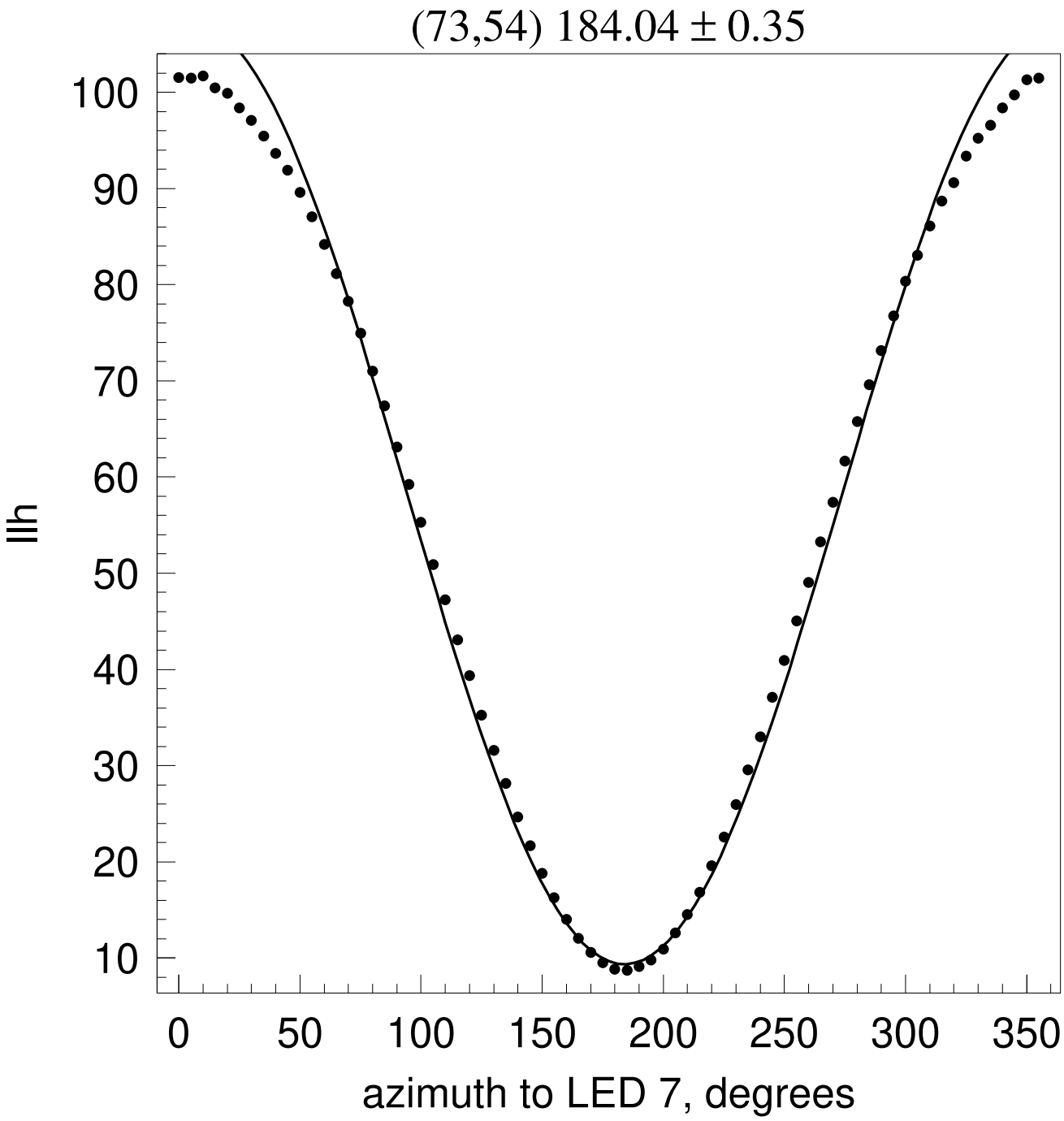

(73,49) 325.37 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

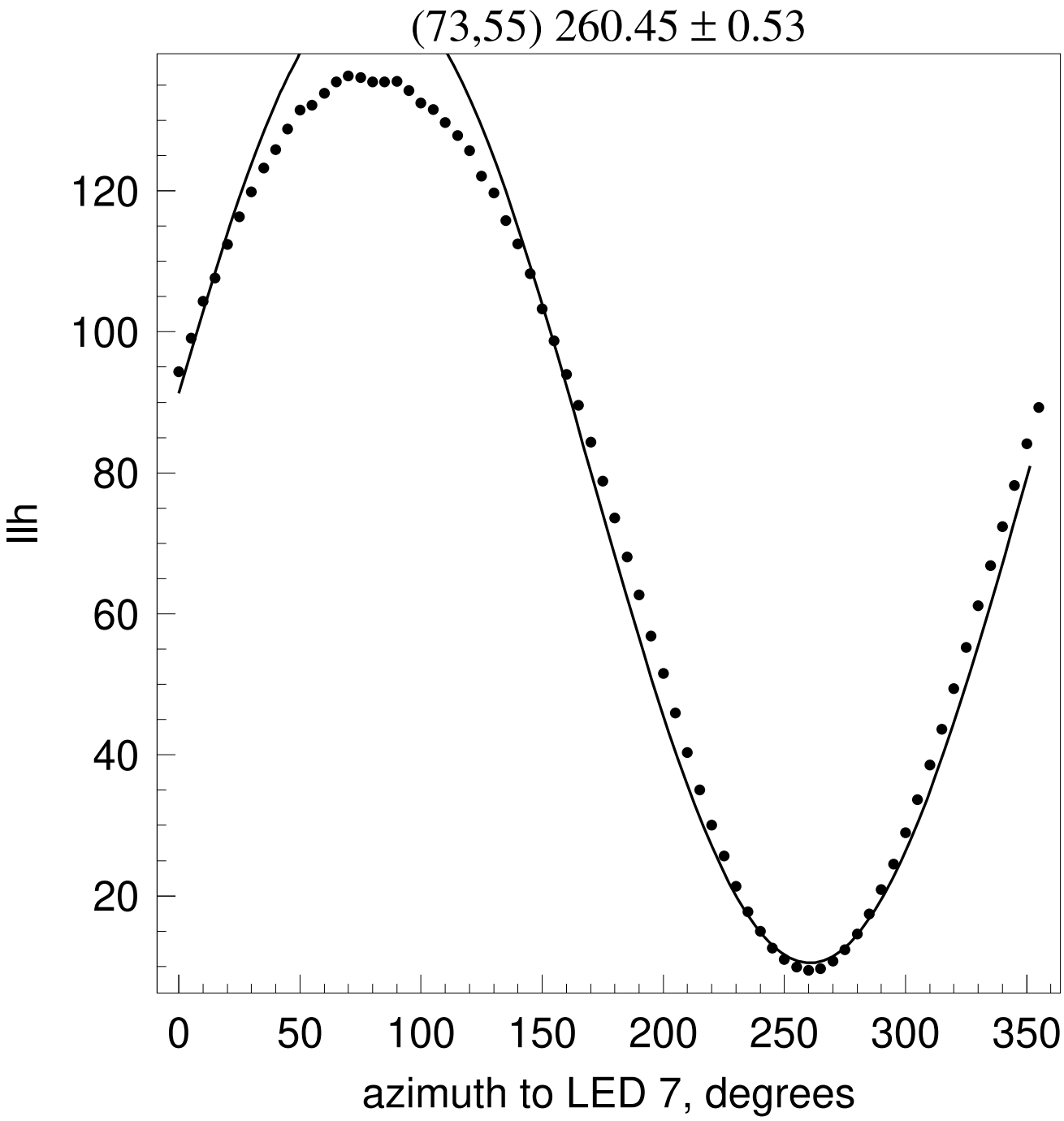

(73,50) 265.59 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

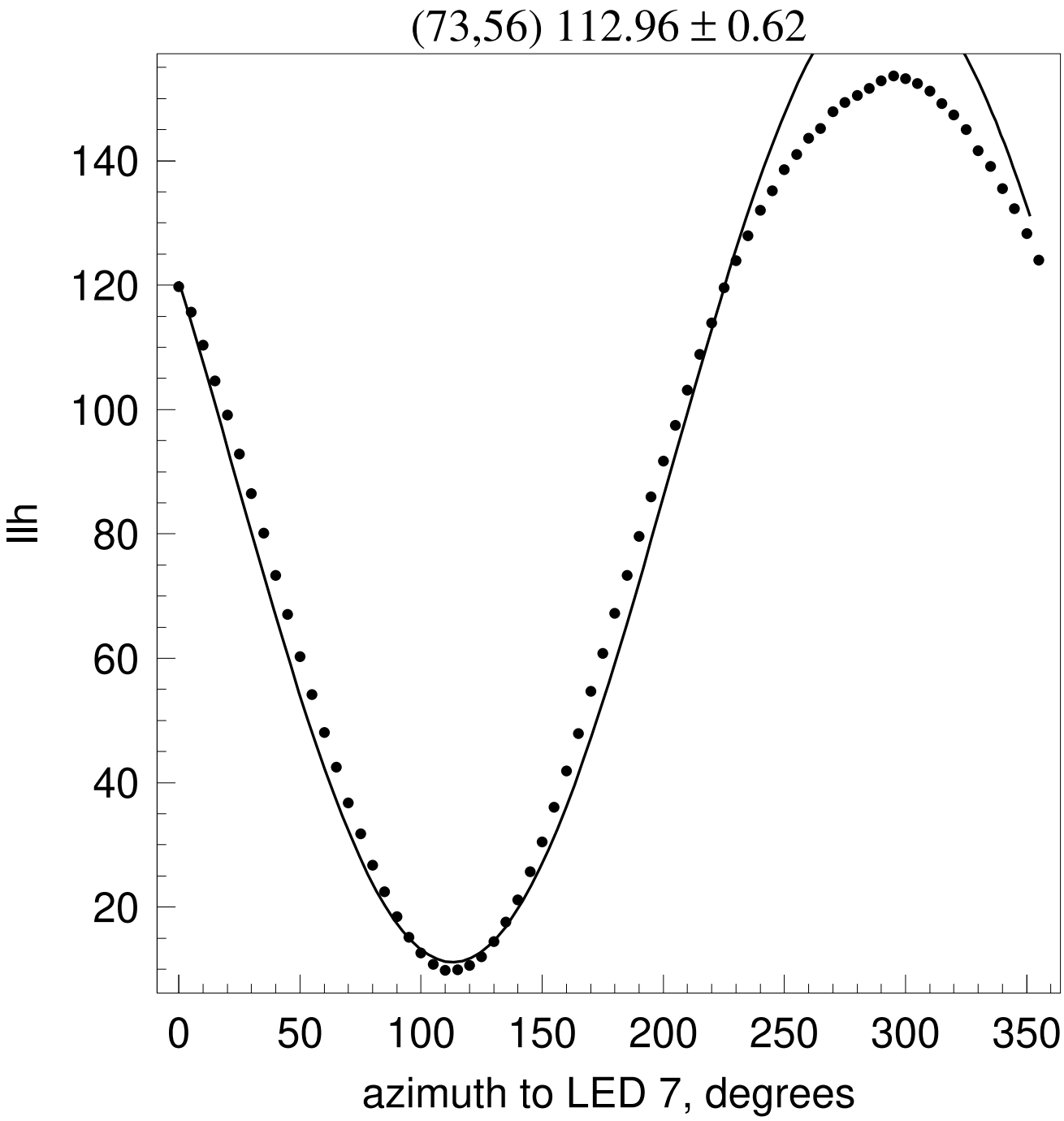

(73,51) 18.62 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

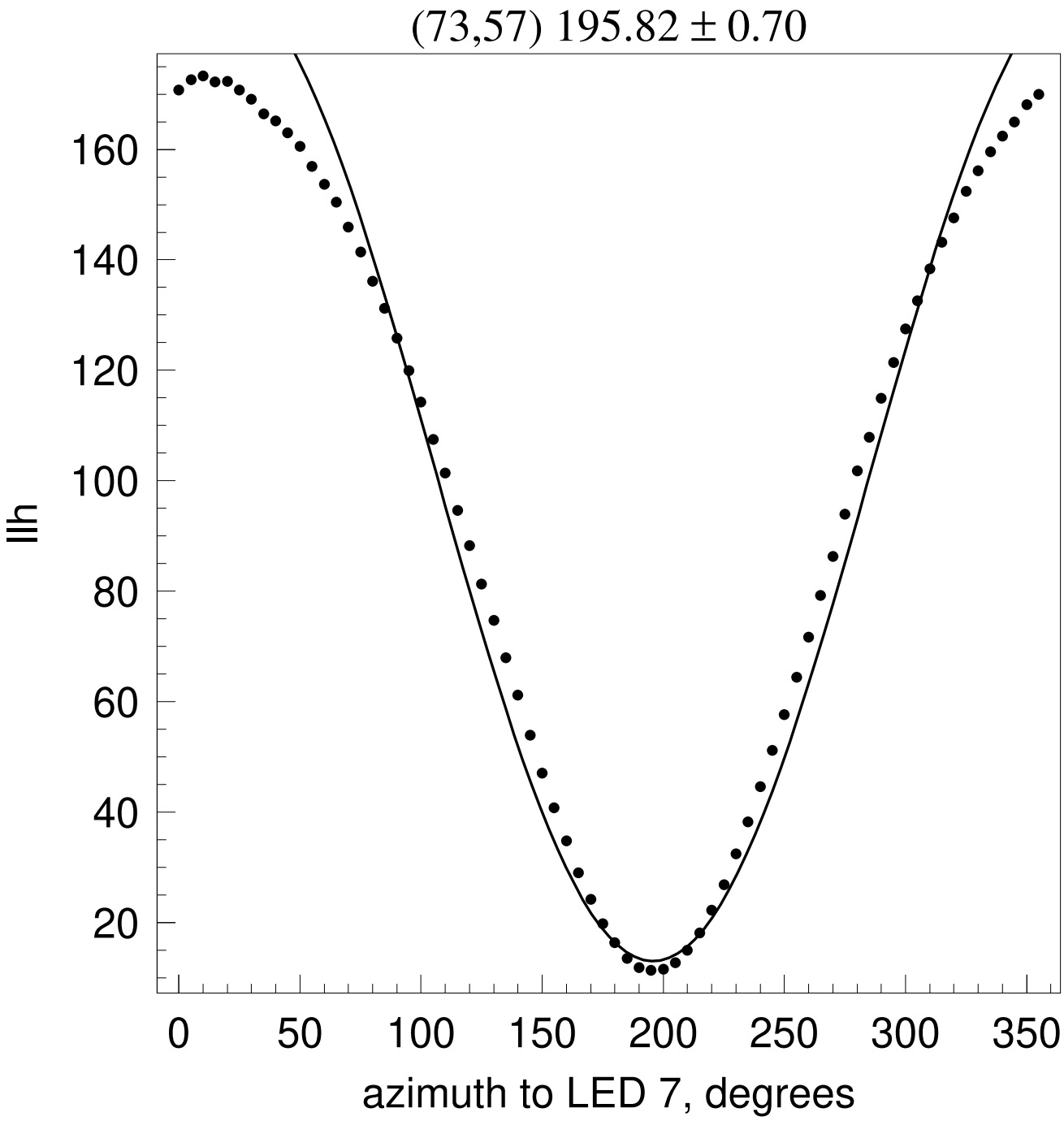

(73,52) 224.38 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

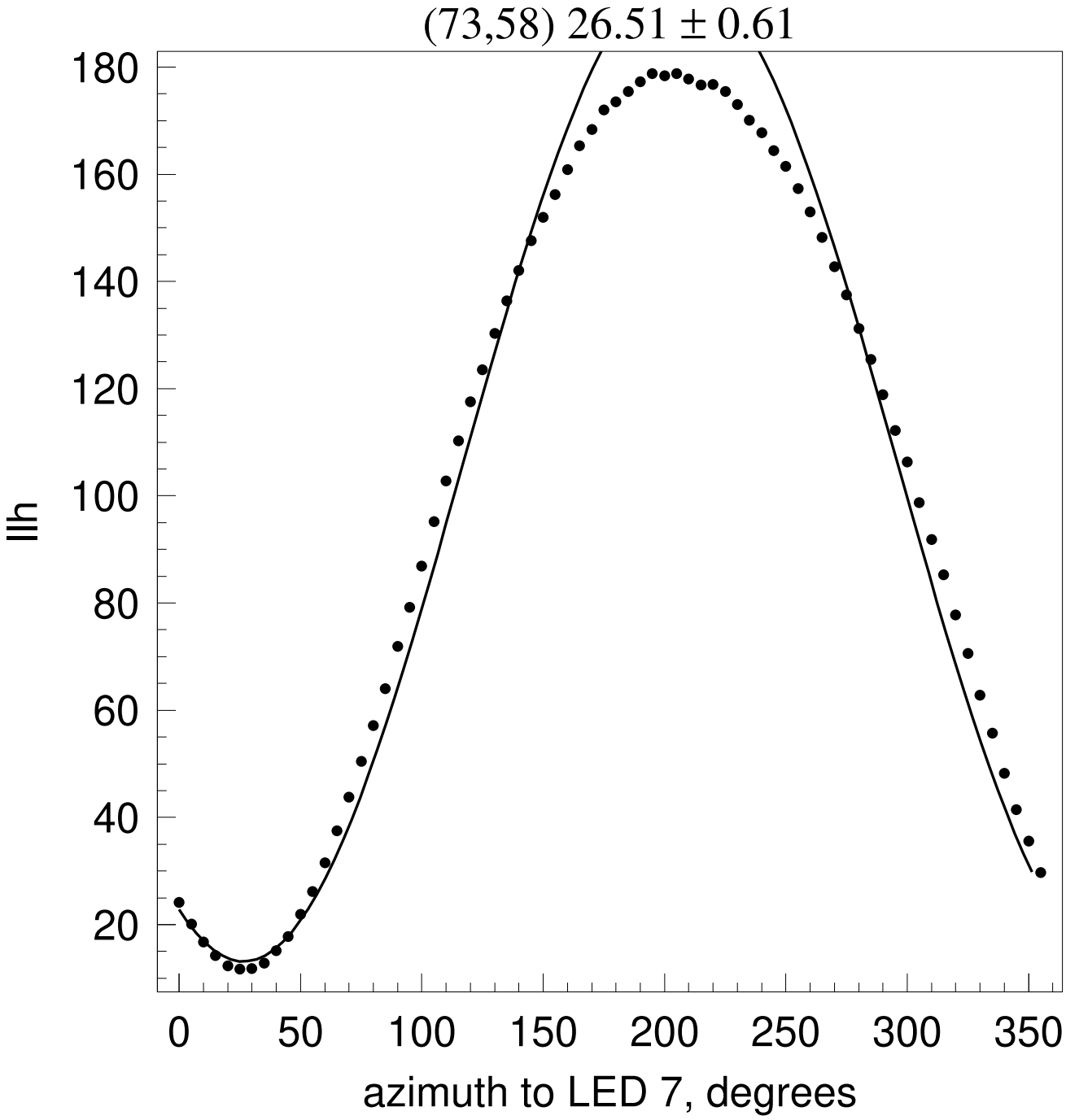

(73,53) 335.71 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

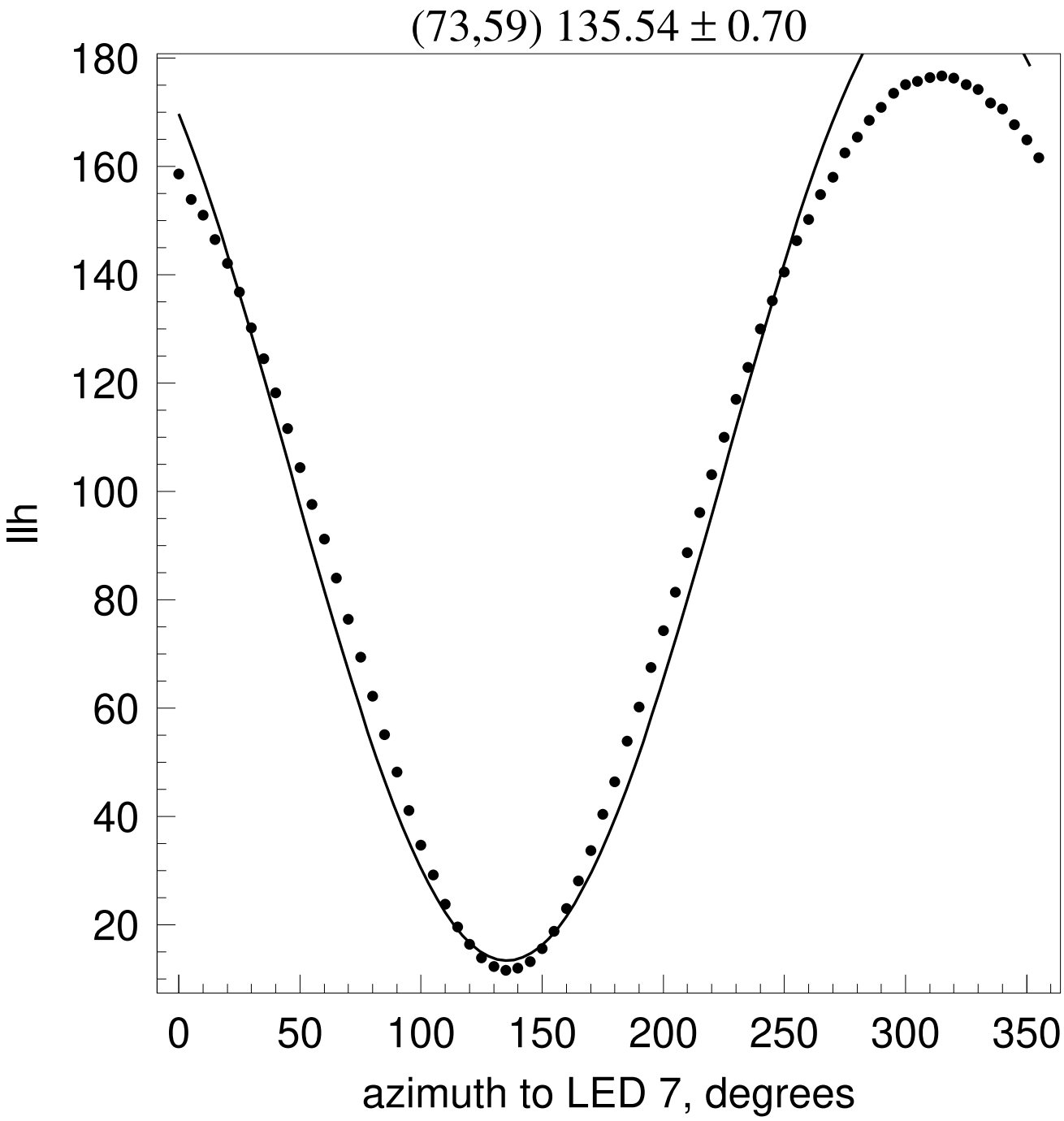

(73,54) 184.04 ± 0.35
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

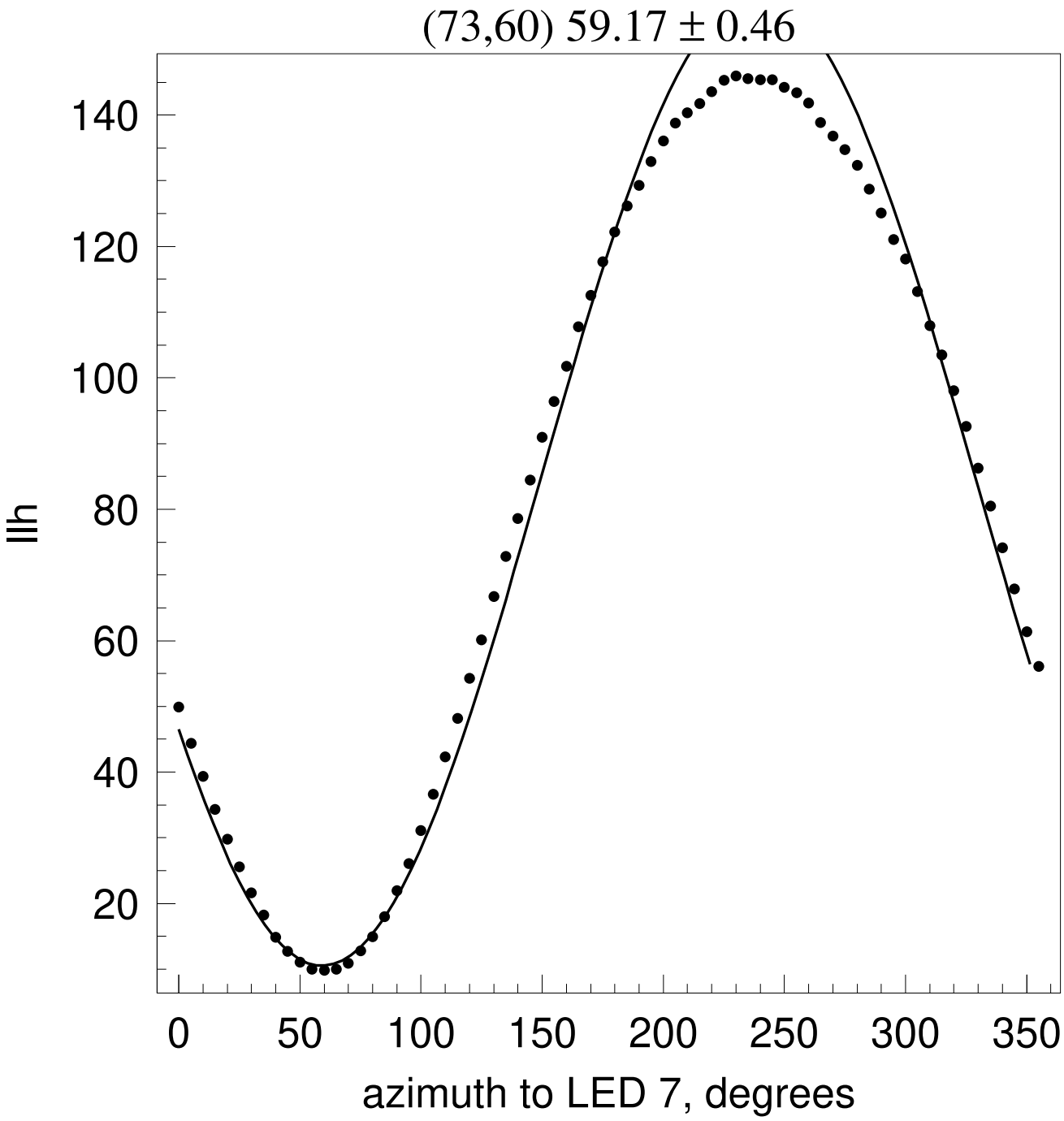

(73,55) 260.45 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

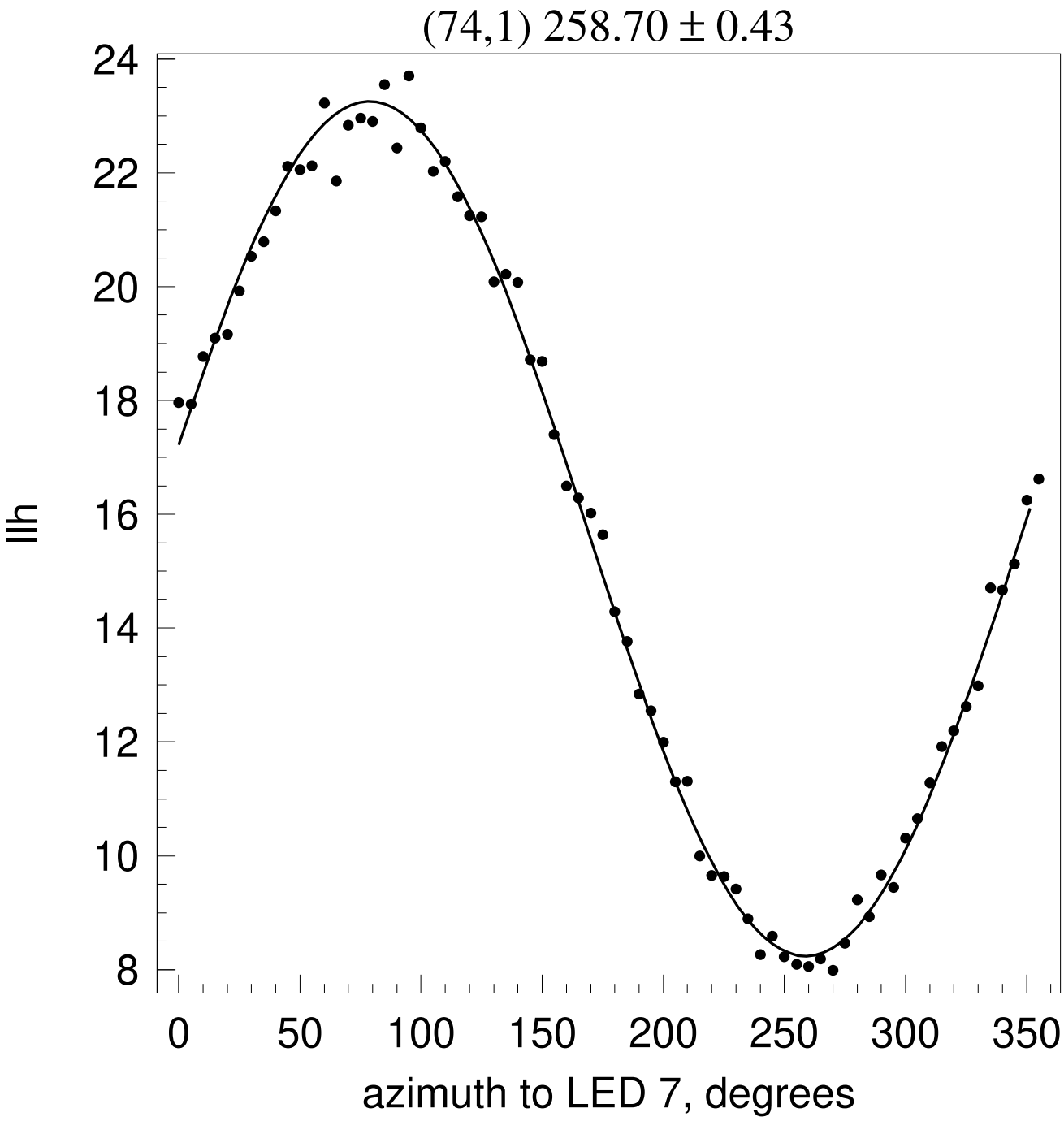

(73,56) 112.96 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

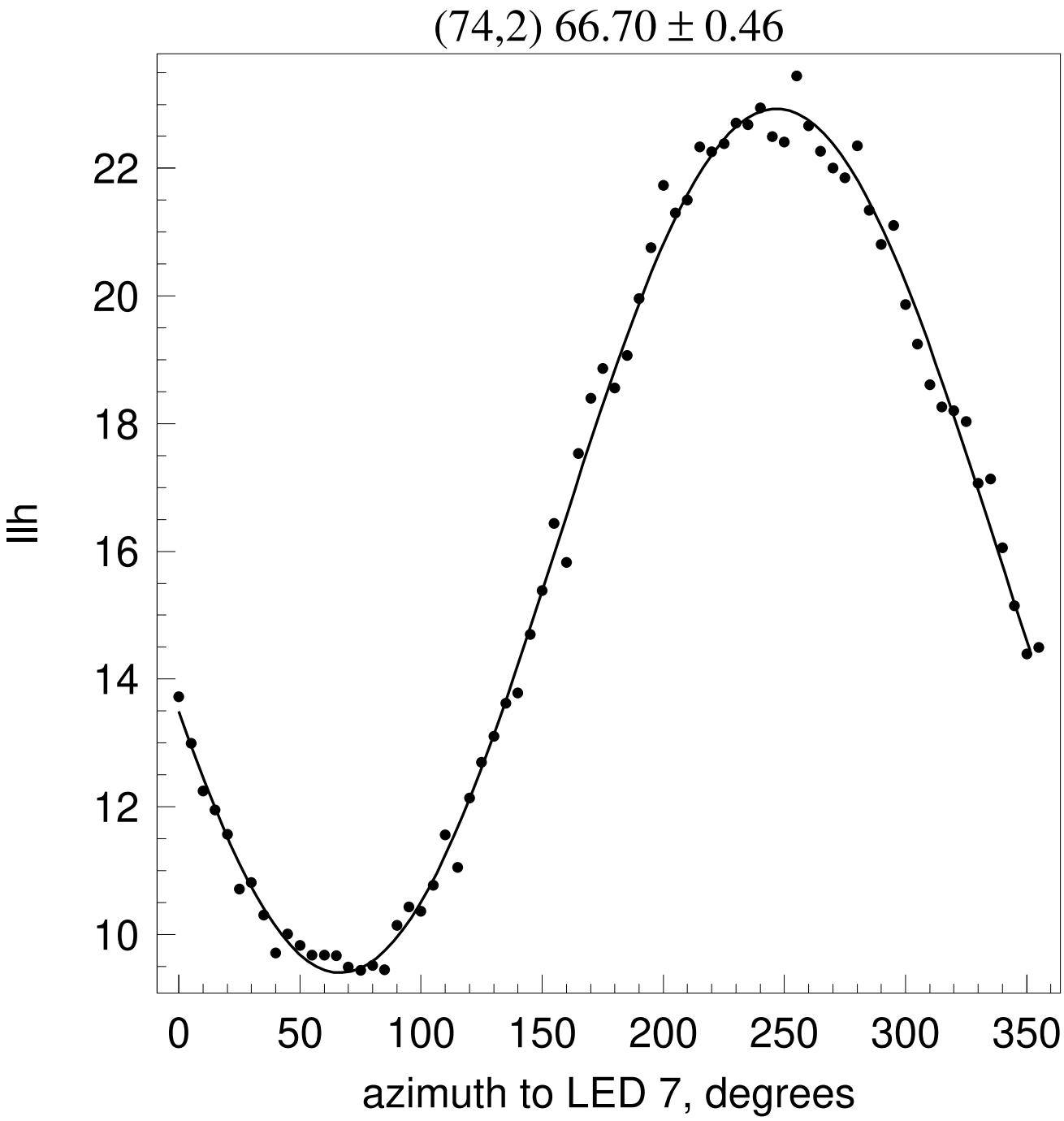

(73,57) 195.82 ± 0.70
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

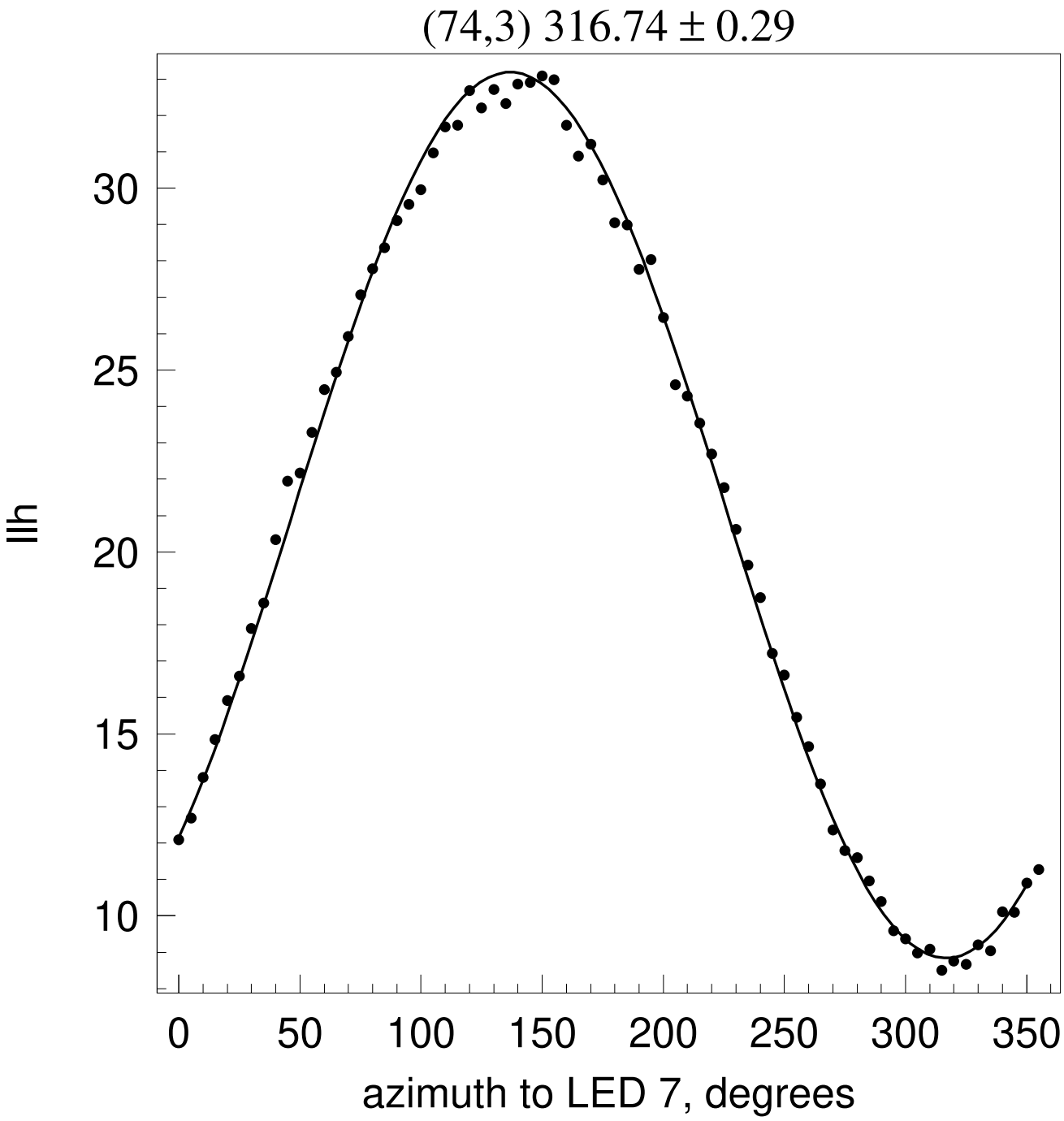

(73,58) 26.51 ± 0.61
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

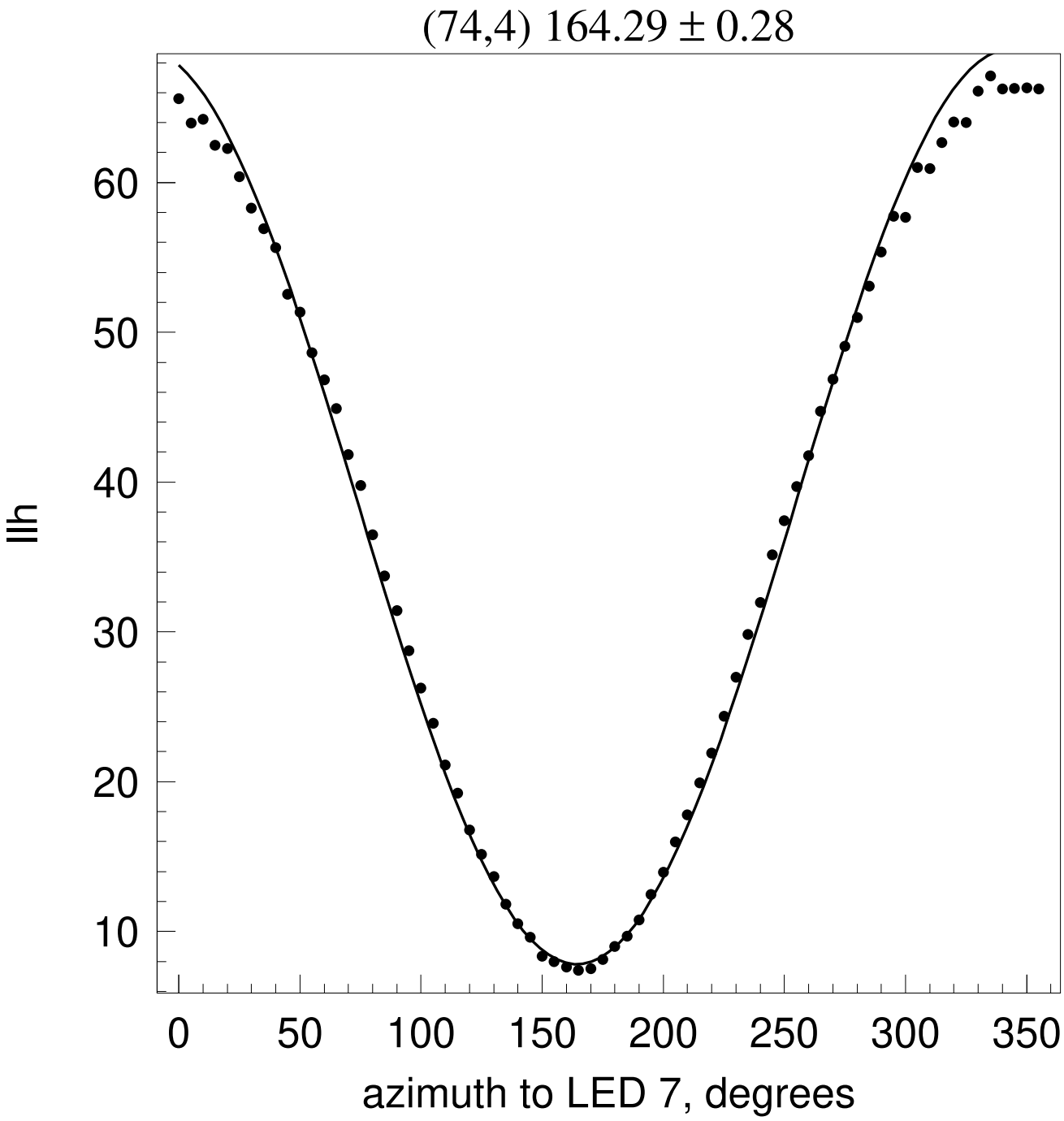

(73,59) 135.54 ± 0.70
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

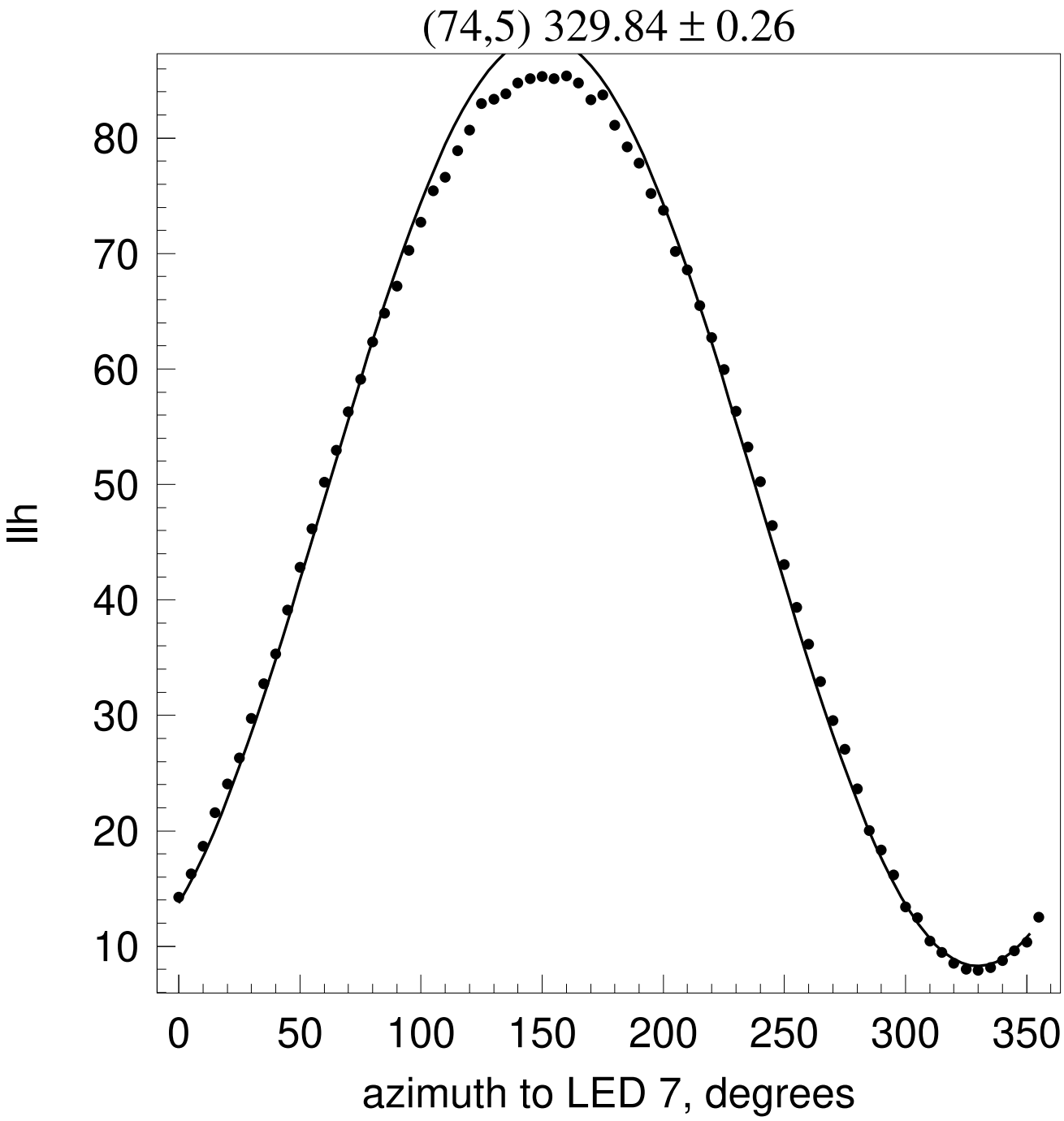

(73,60) 59.17 ± 0.46
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

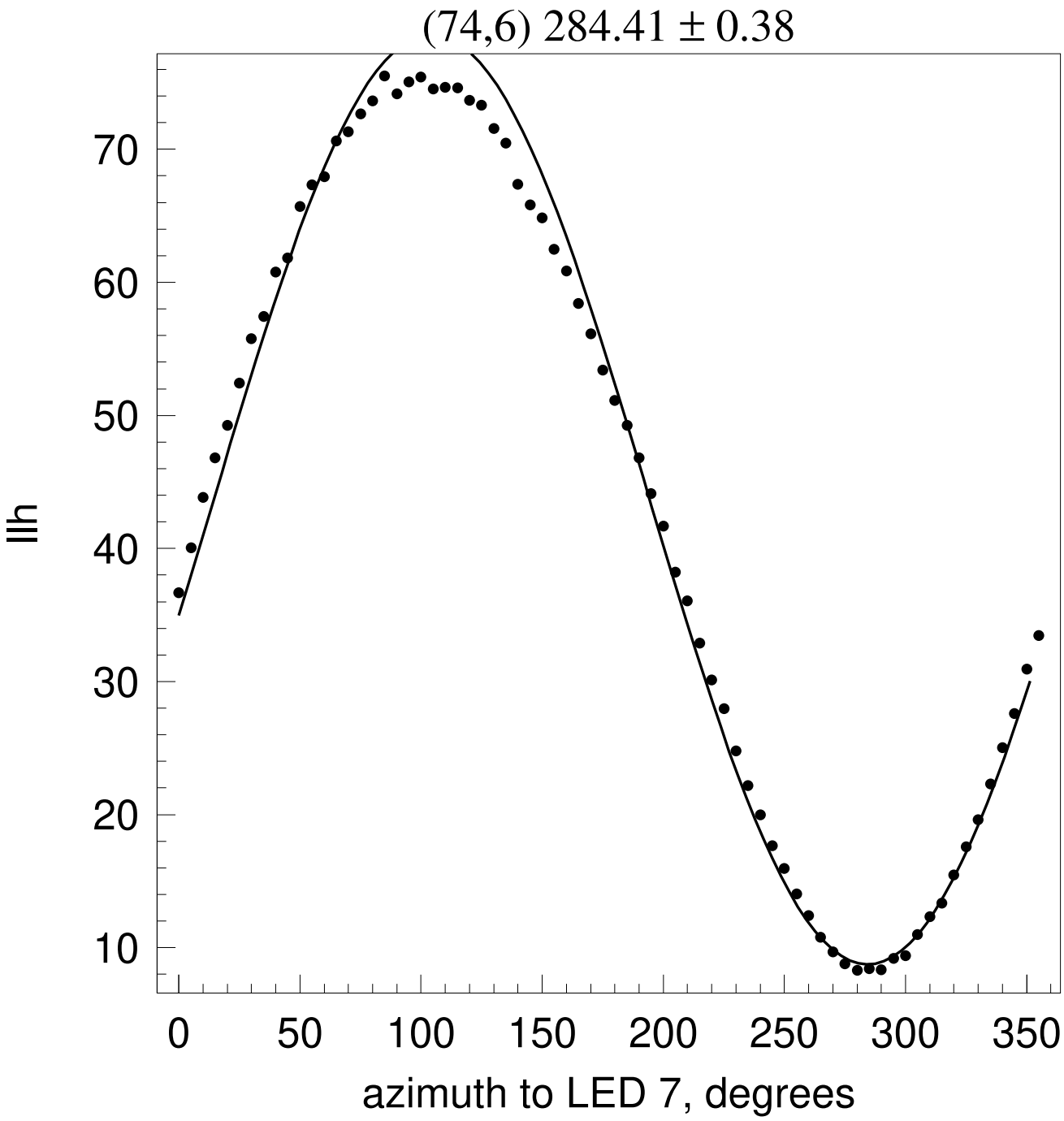

(74,1) 258.70 ± 0.43
24
22
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

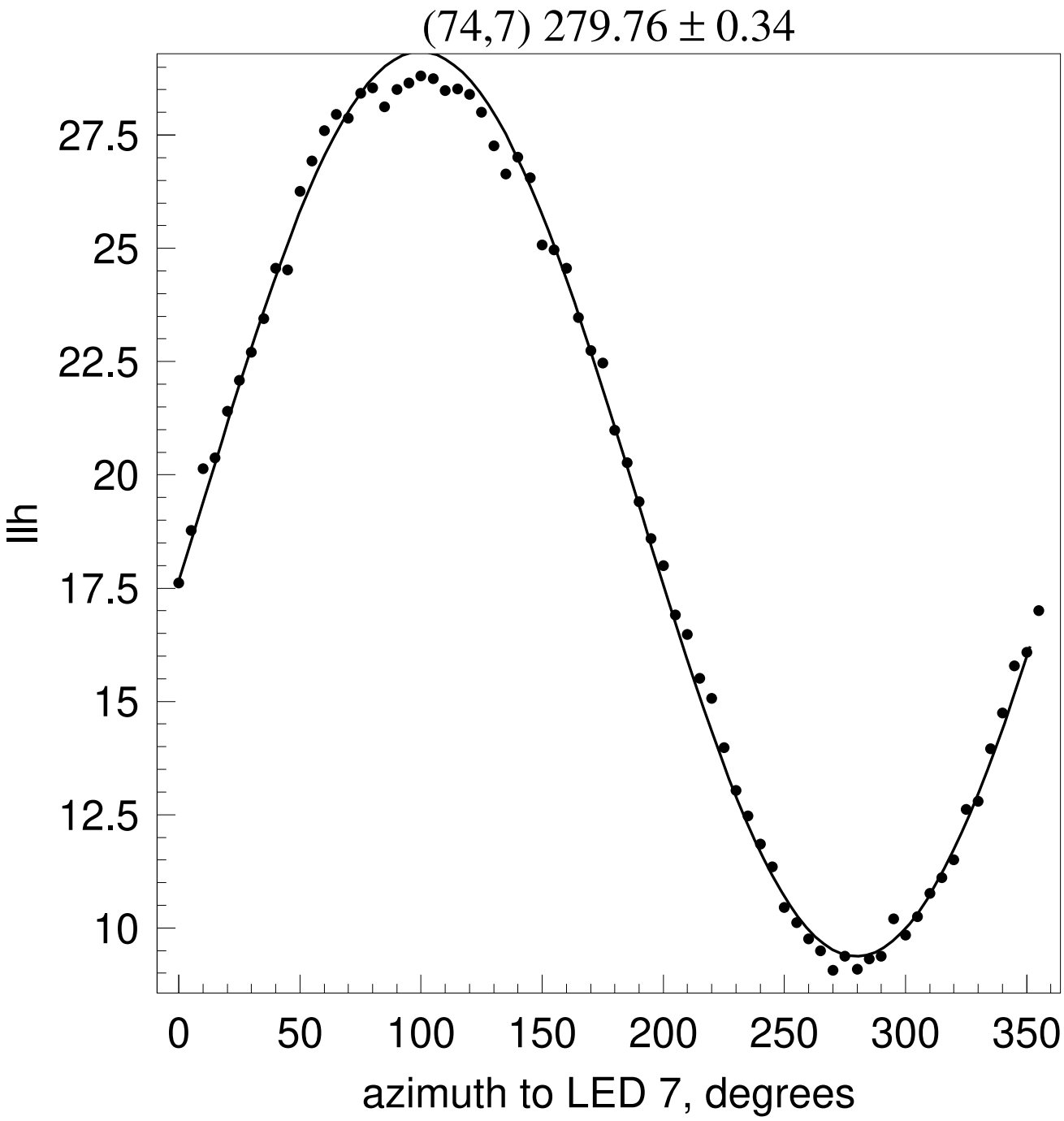

(74,2) 66.70 ± 0.46
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

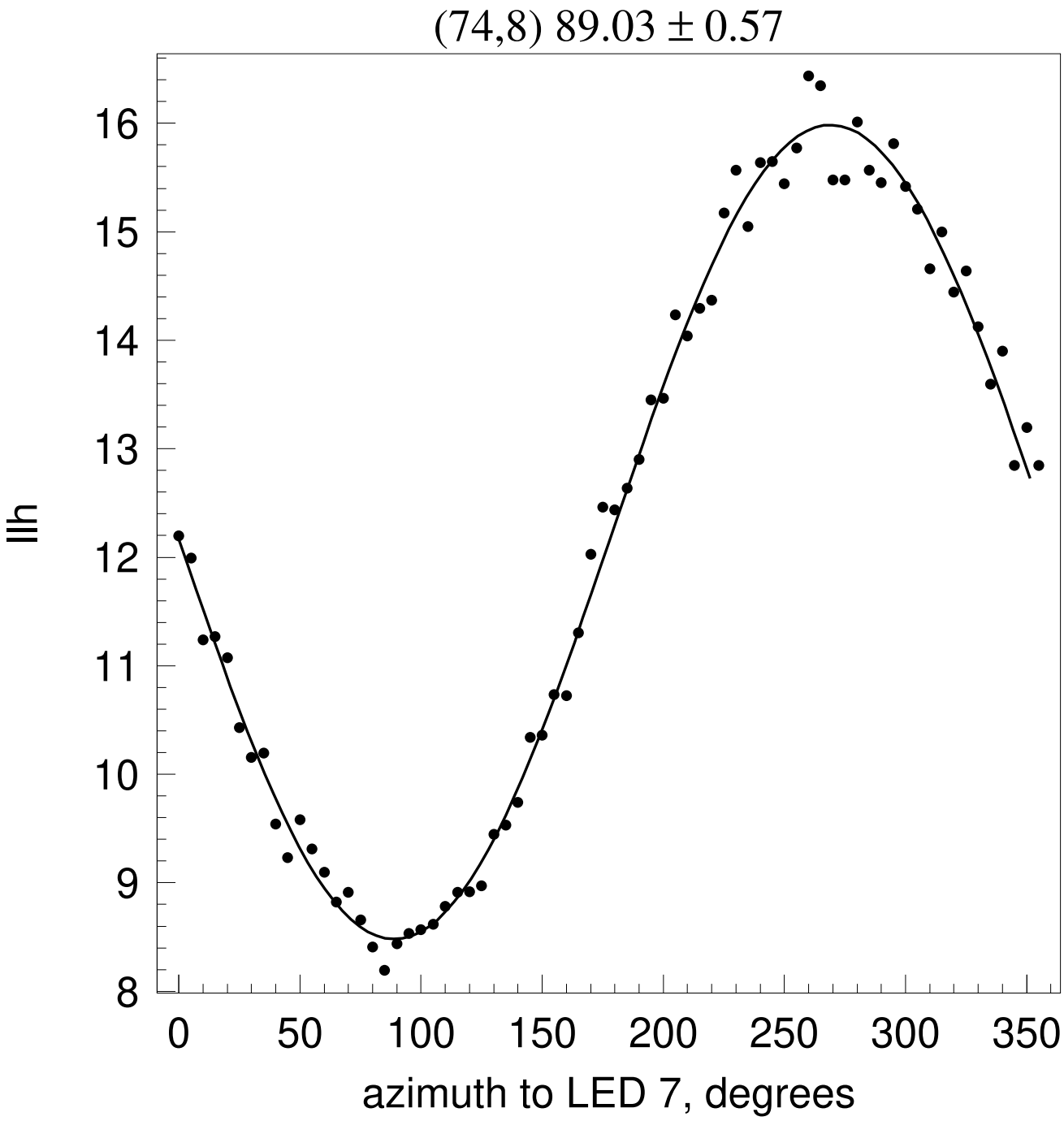

(74,3) 316.74 ± 0.29
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

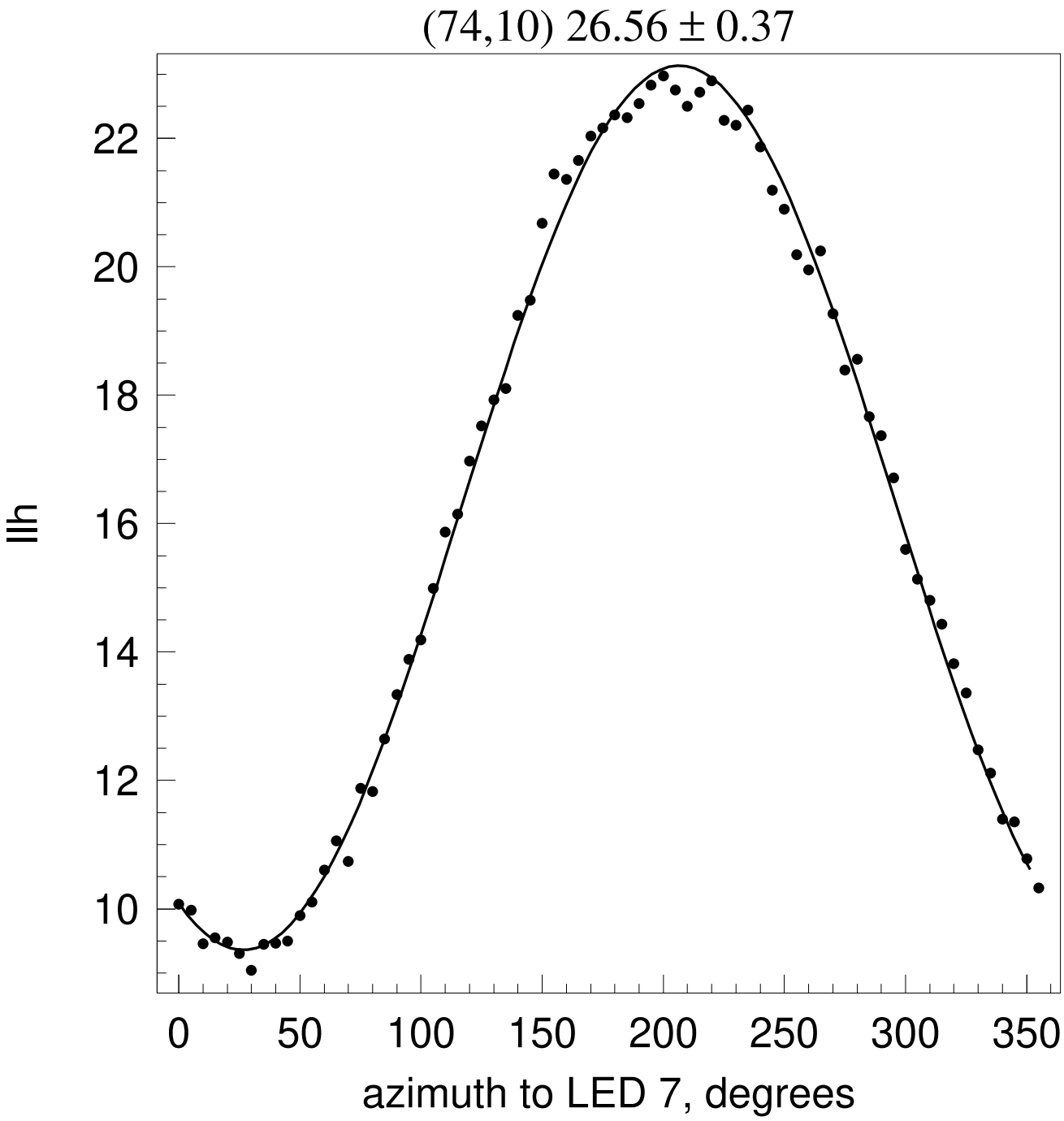

(74,4) 164.29 ± 0.28
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

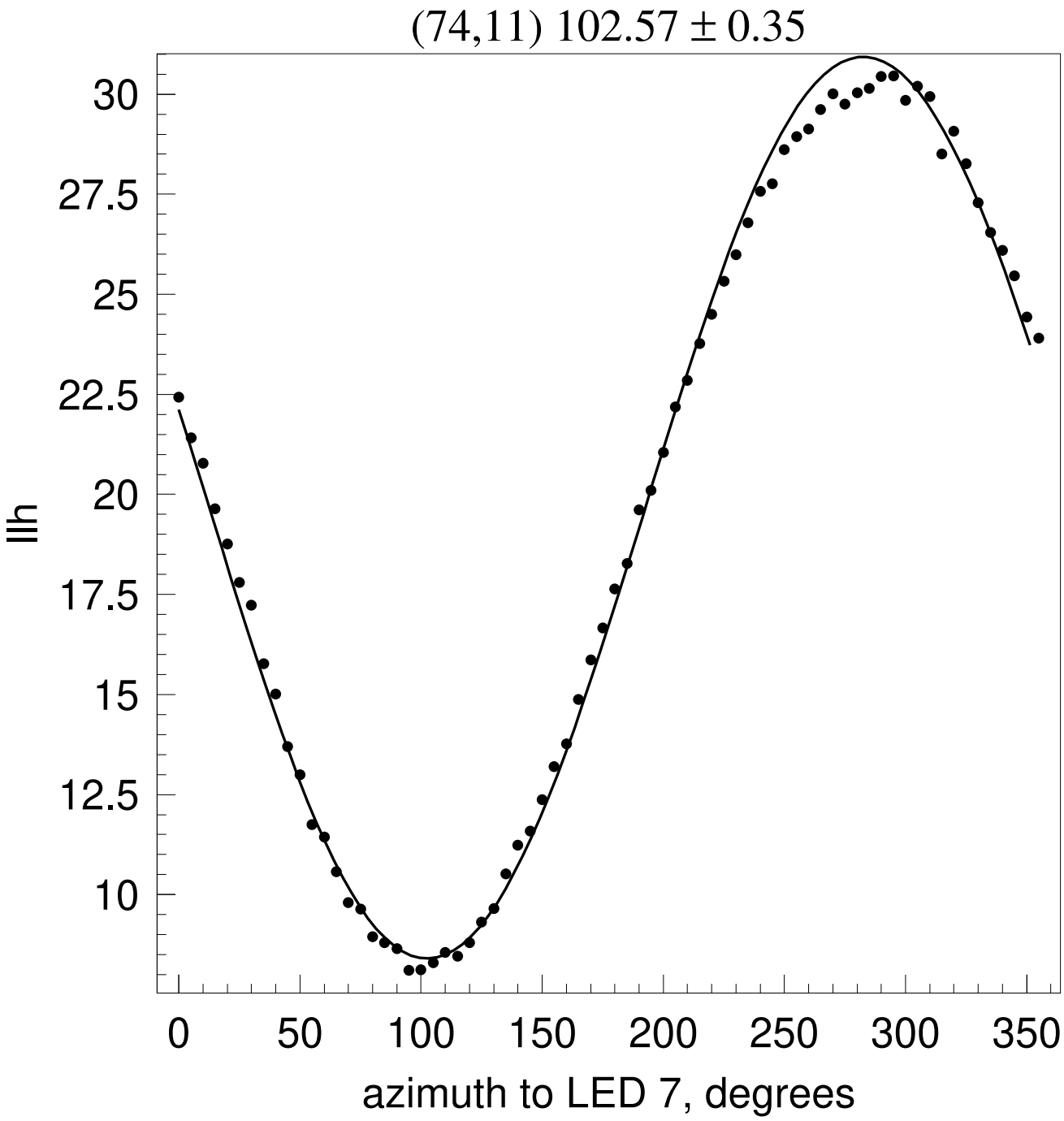

(74,5) 329.84 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

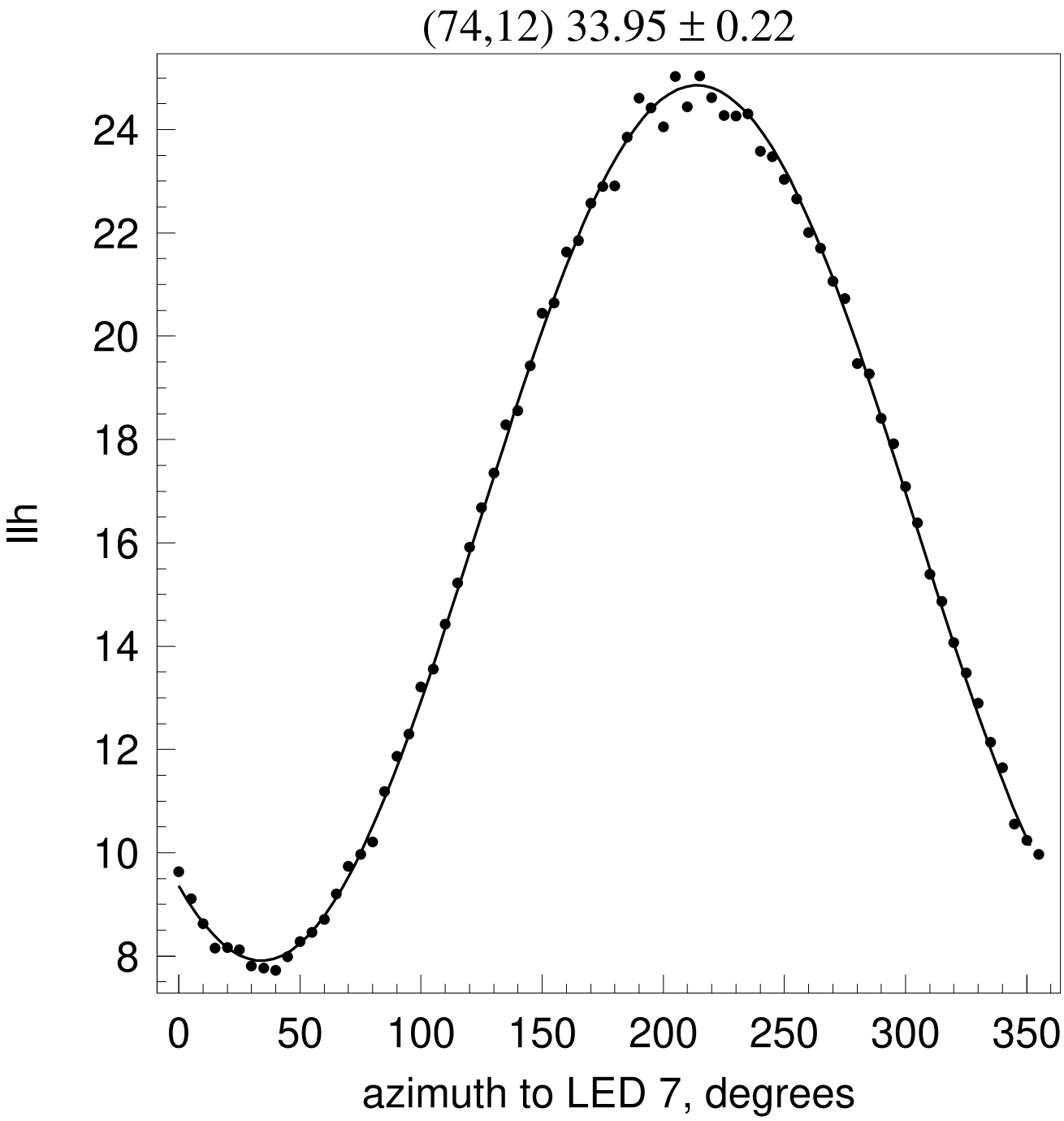

(74,6) 284.41 ± 0.38
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

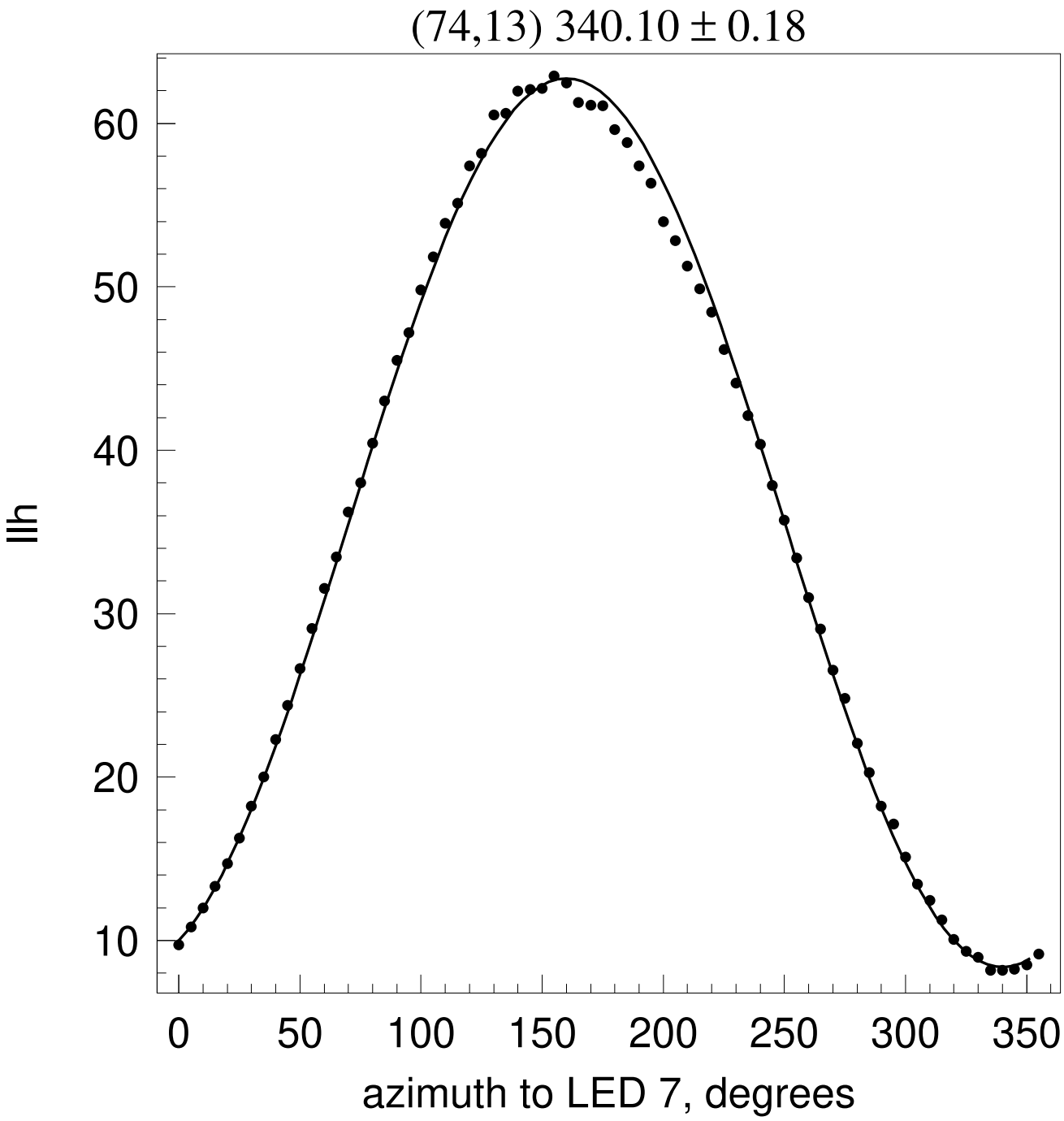

(74,7) 279.76 ± 0.34
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

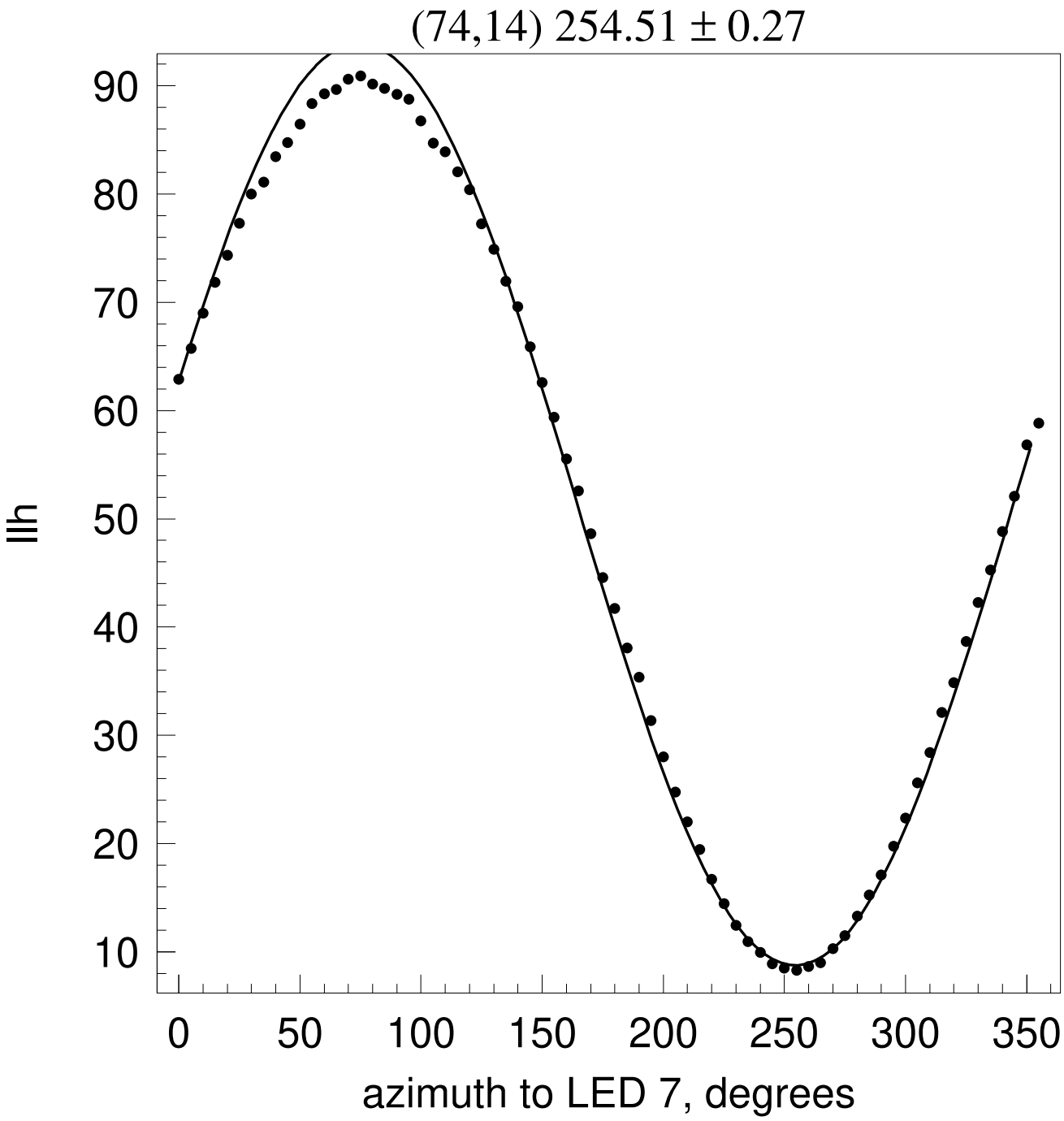

(74,8) 89.03 ± 0.57
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

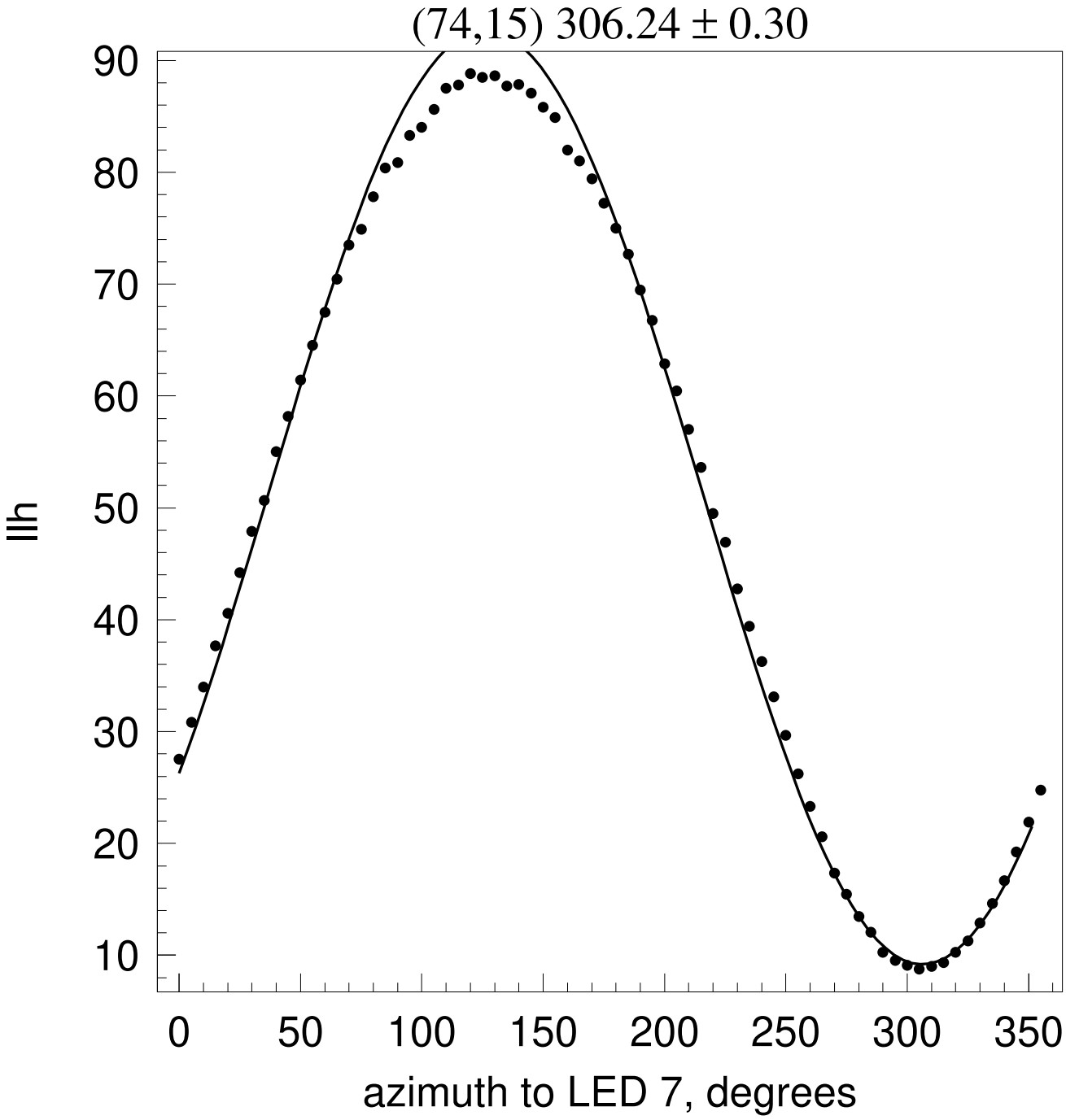

(74,10) 26.56 ± 0.37
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

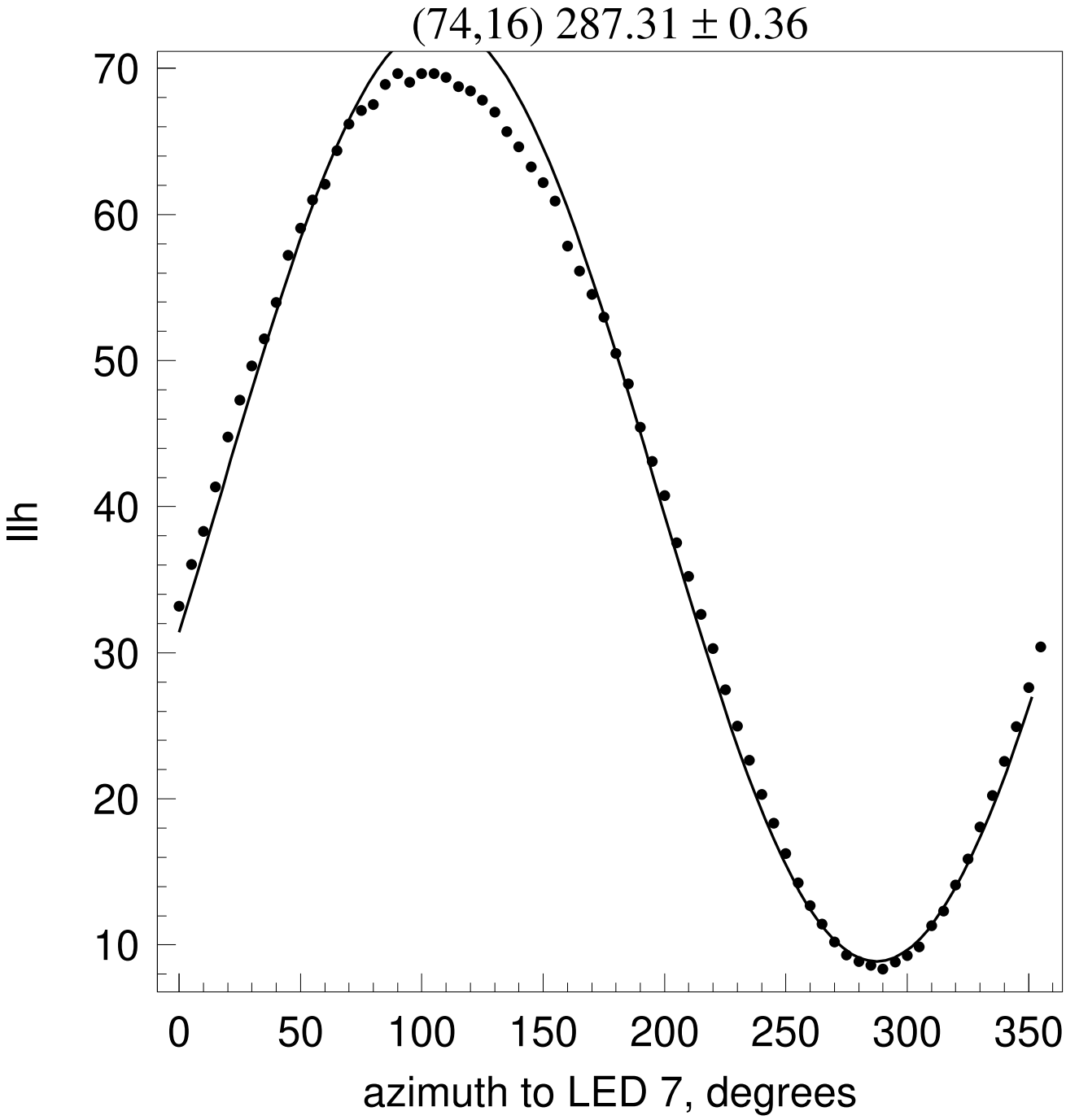

(74,11) 102.57 ± 0.35
30
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

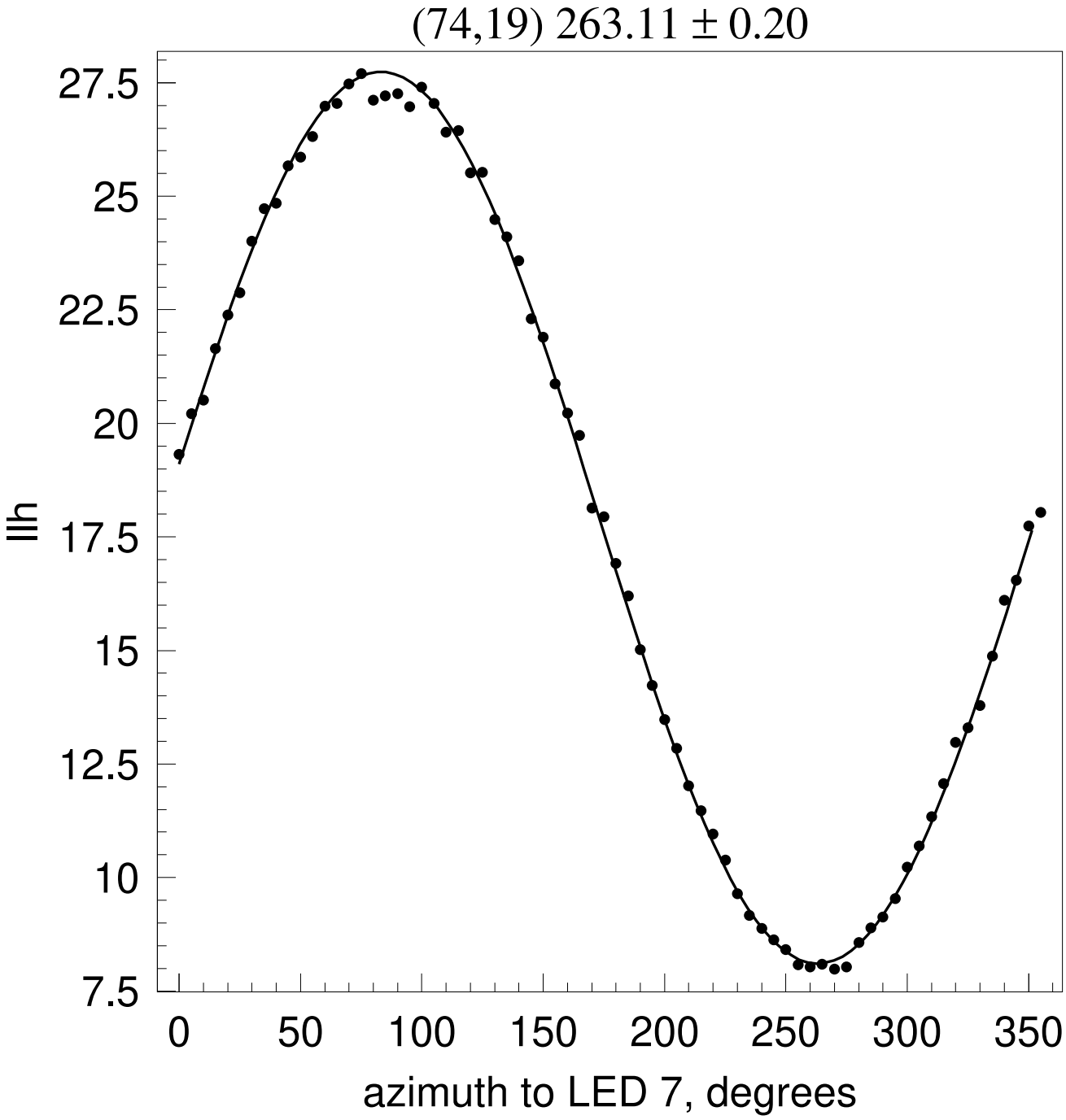

(74,12) 33.95 ± 0.22
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

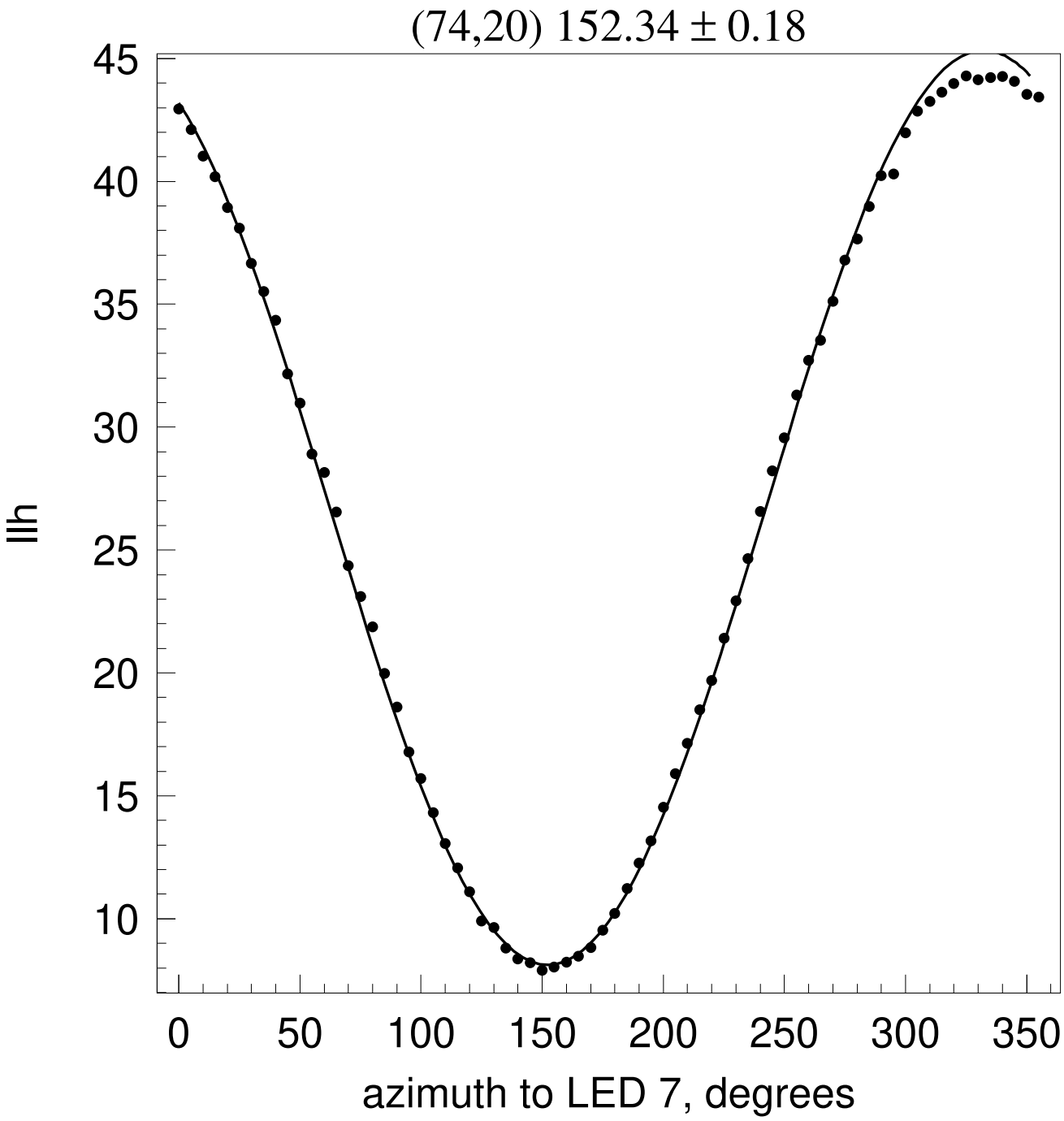

(74,13) 340.10 ± 0.18
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

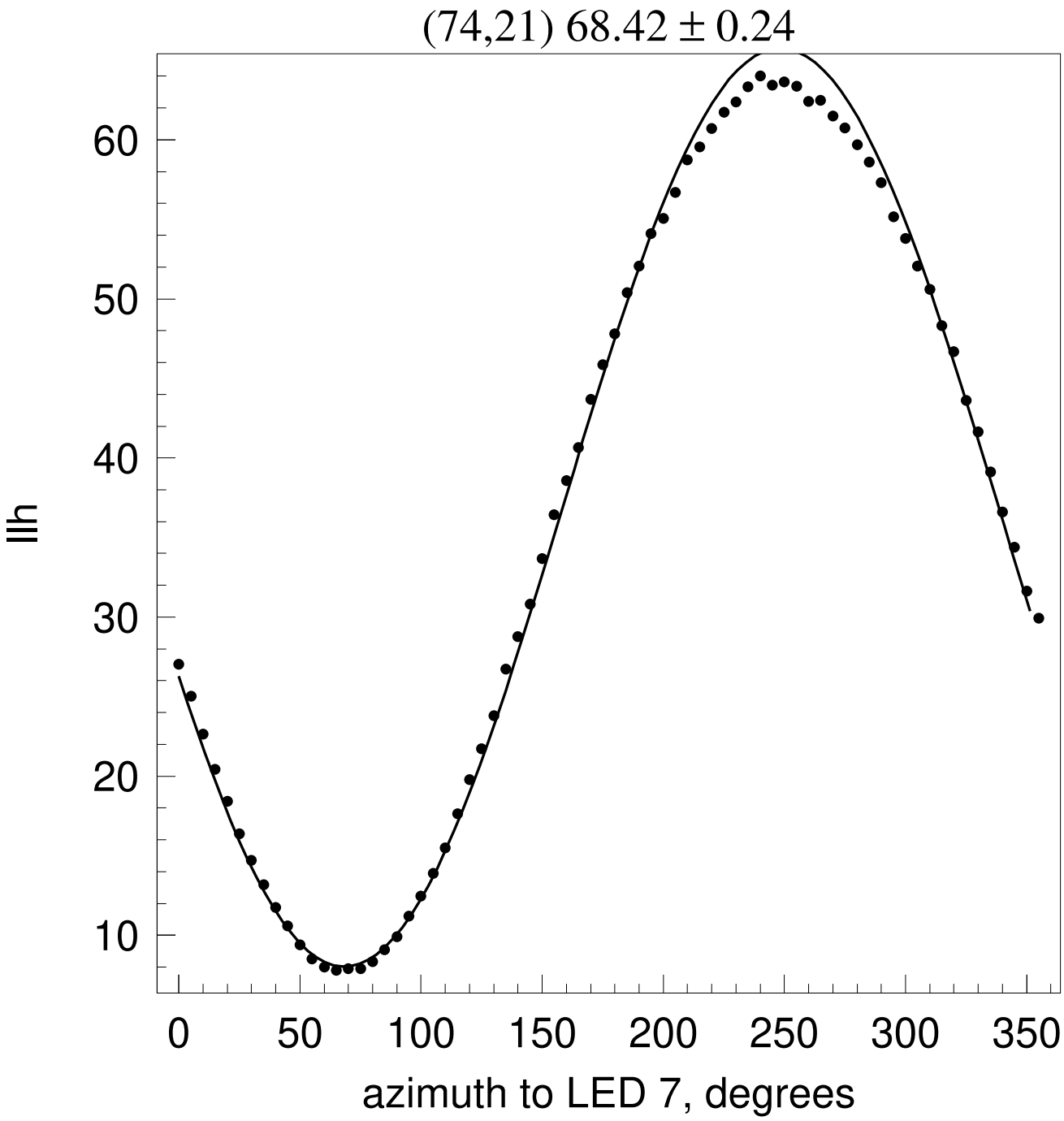

(74,14) 254.51 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

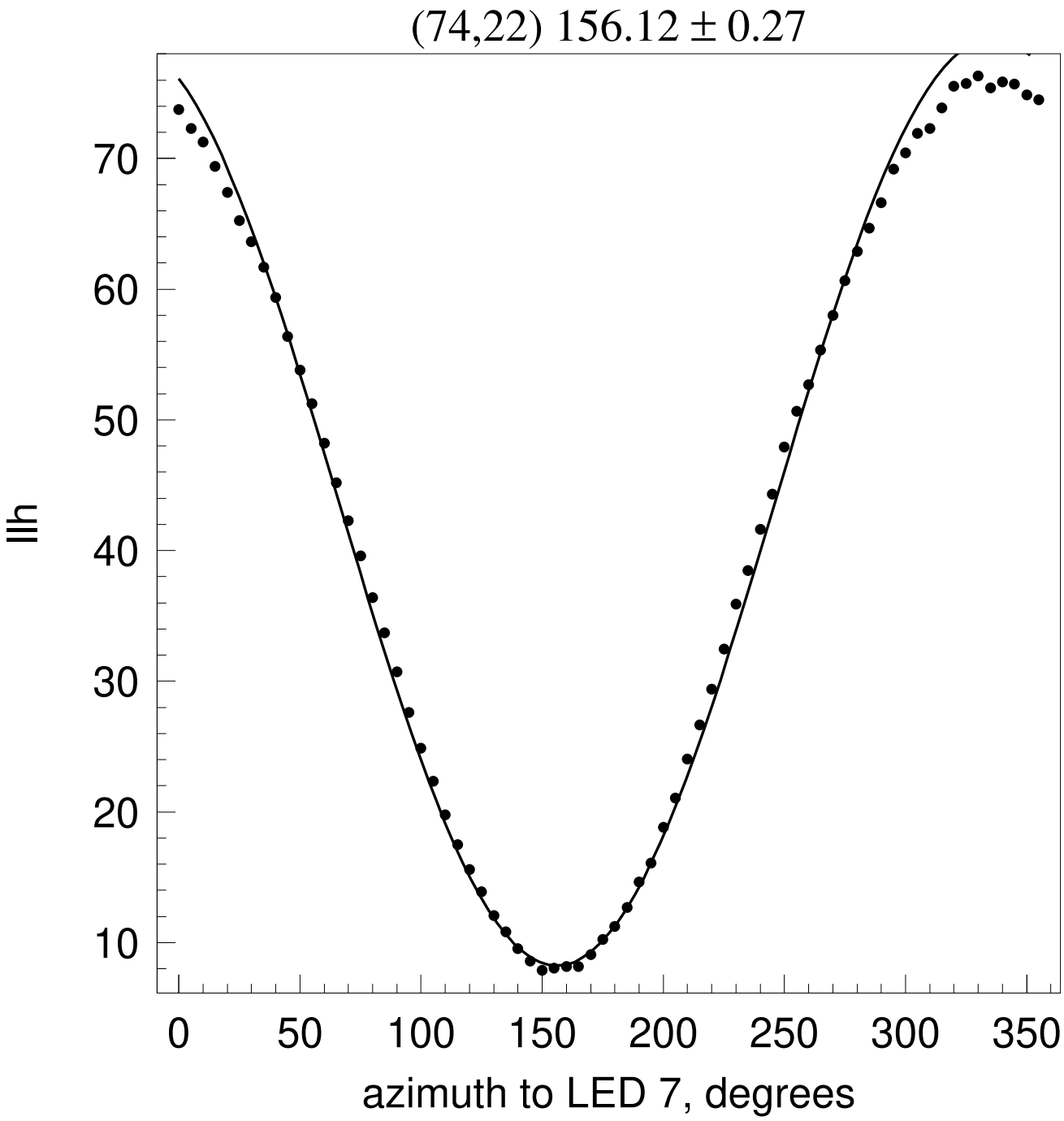

(74,15) 306.24 ± 0.30
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

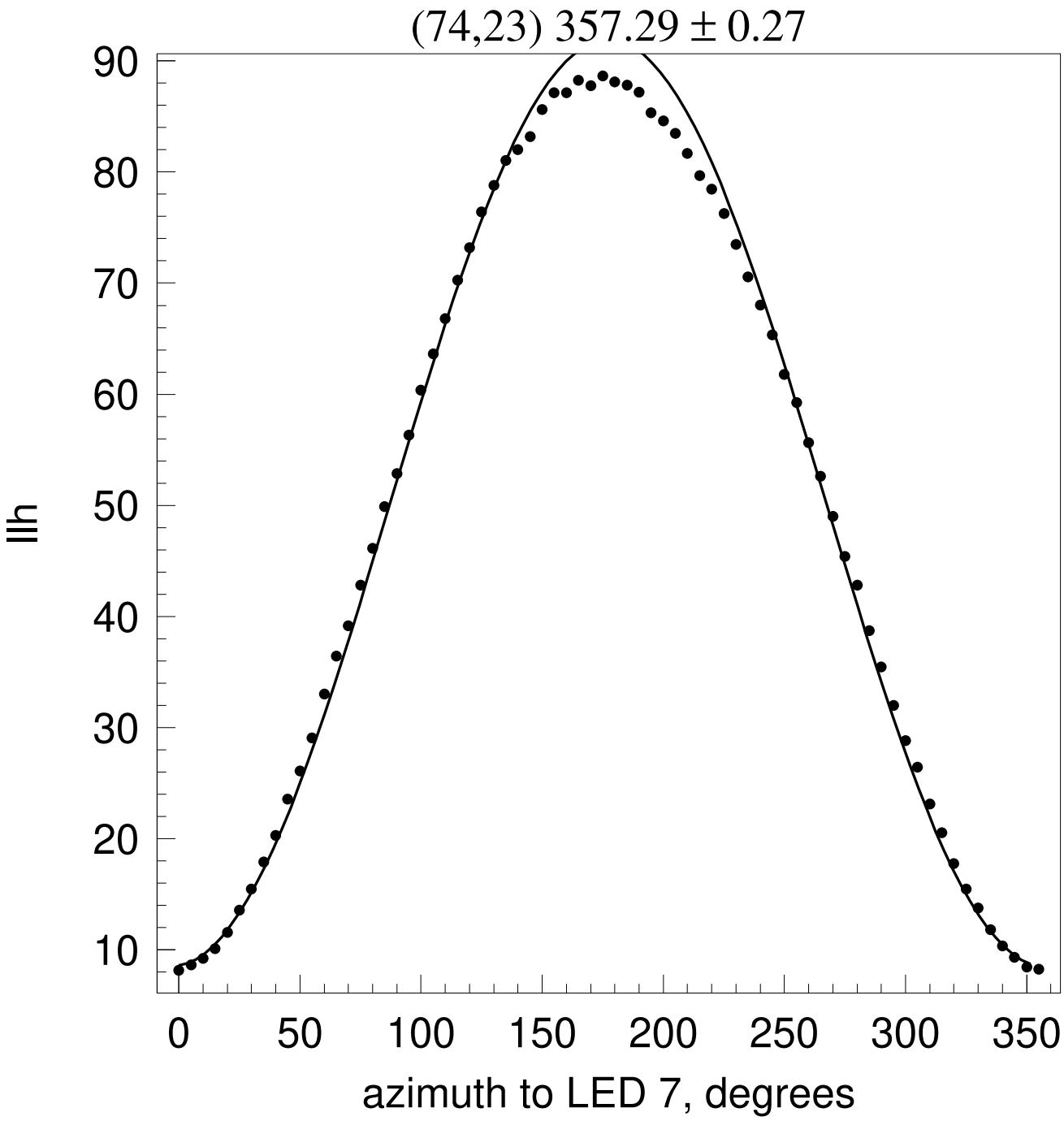

(74,16) 287.31 ± 0.36
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

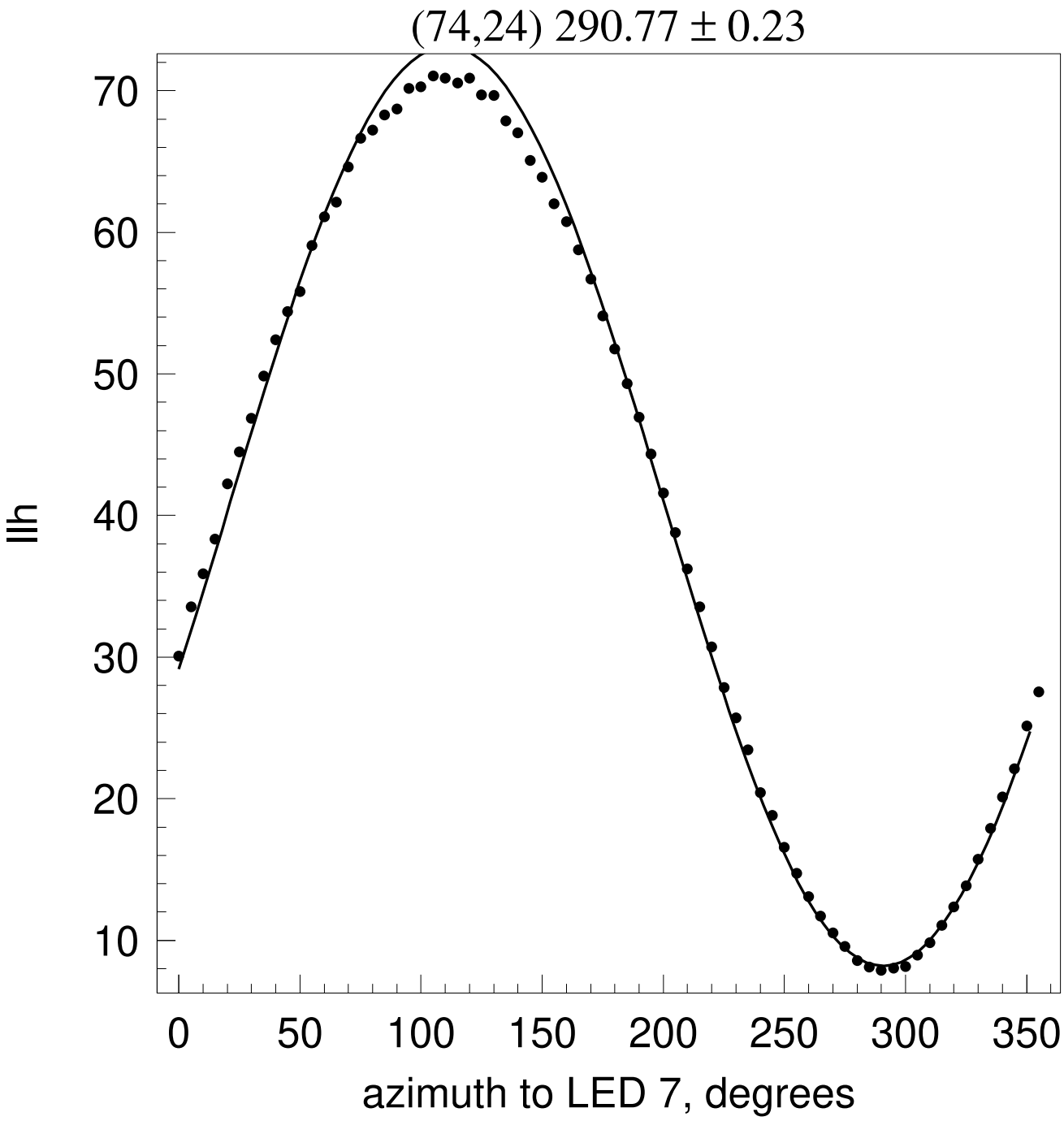

(74,19) 263.11 ± 0.20
27.5
25
22.5
20
17.5
15
12.5
10
7.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

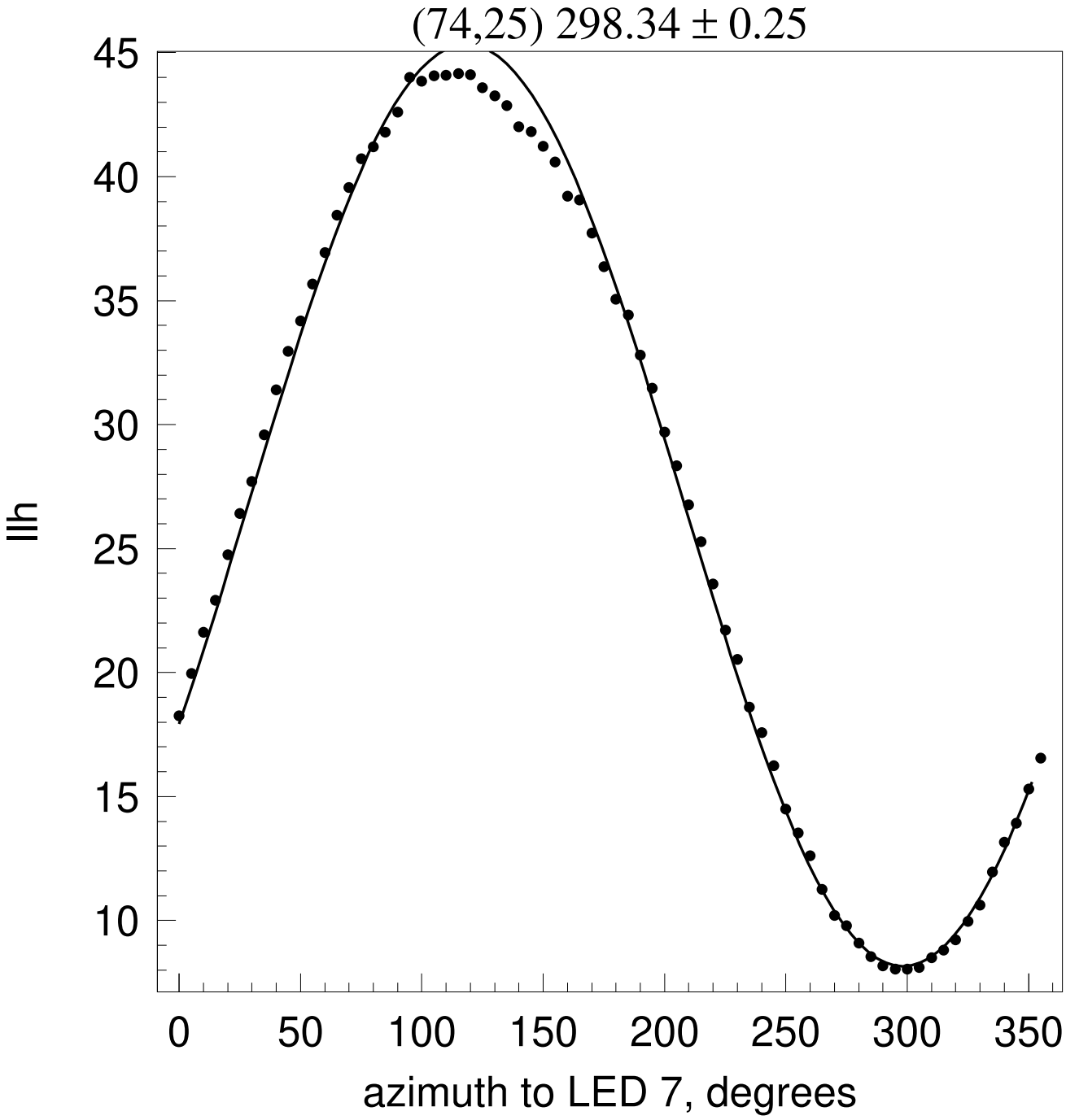

(74,20) 152.34 ± 0.18
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

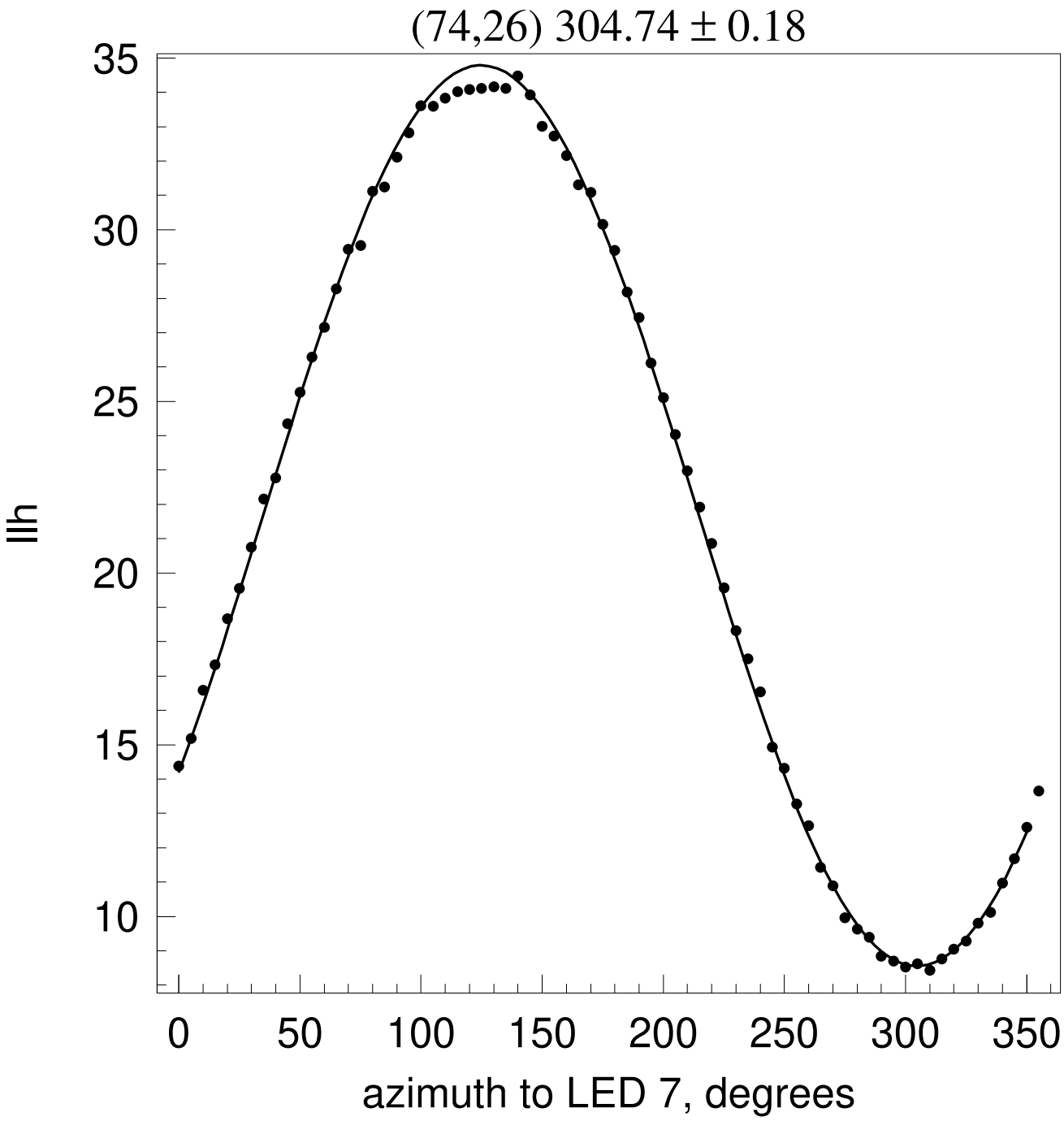

(74,21) 68.42 ± 0.24
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

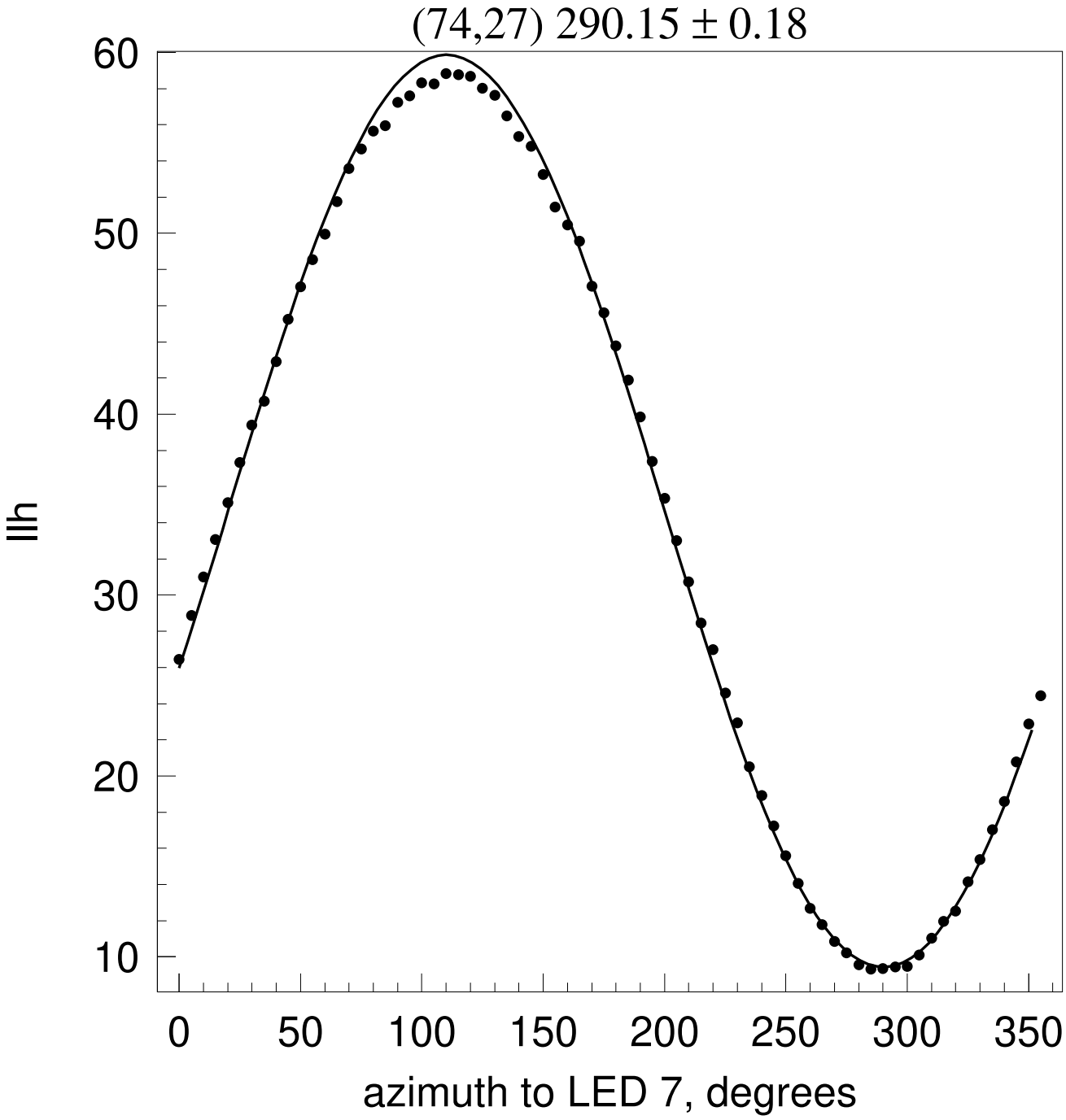

(74,22) 156.12 ± 0.27
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

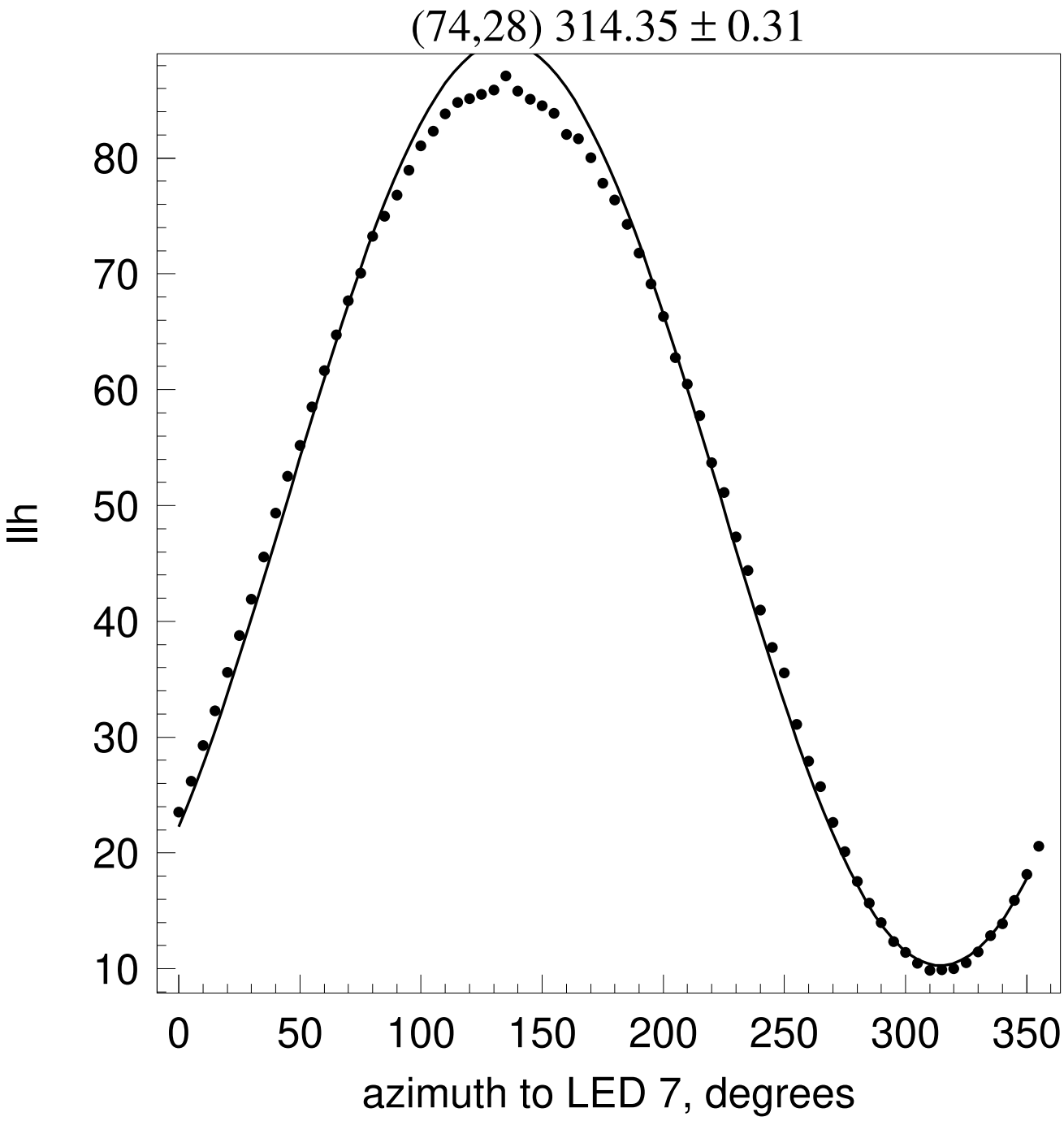

(74,23) 357.29 ± 0.27
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

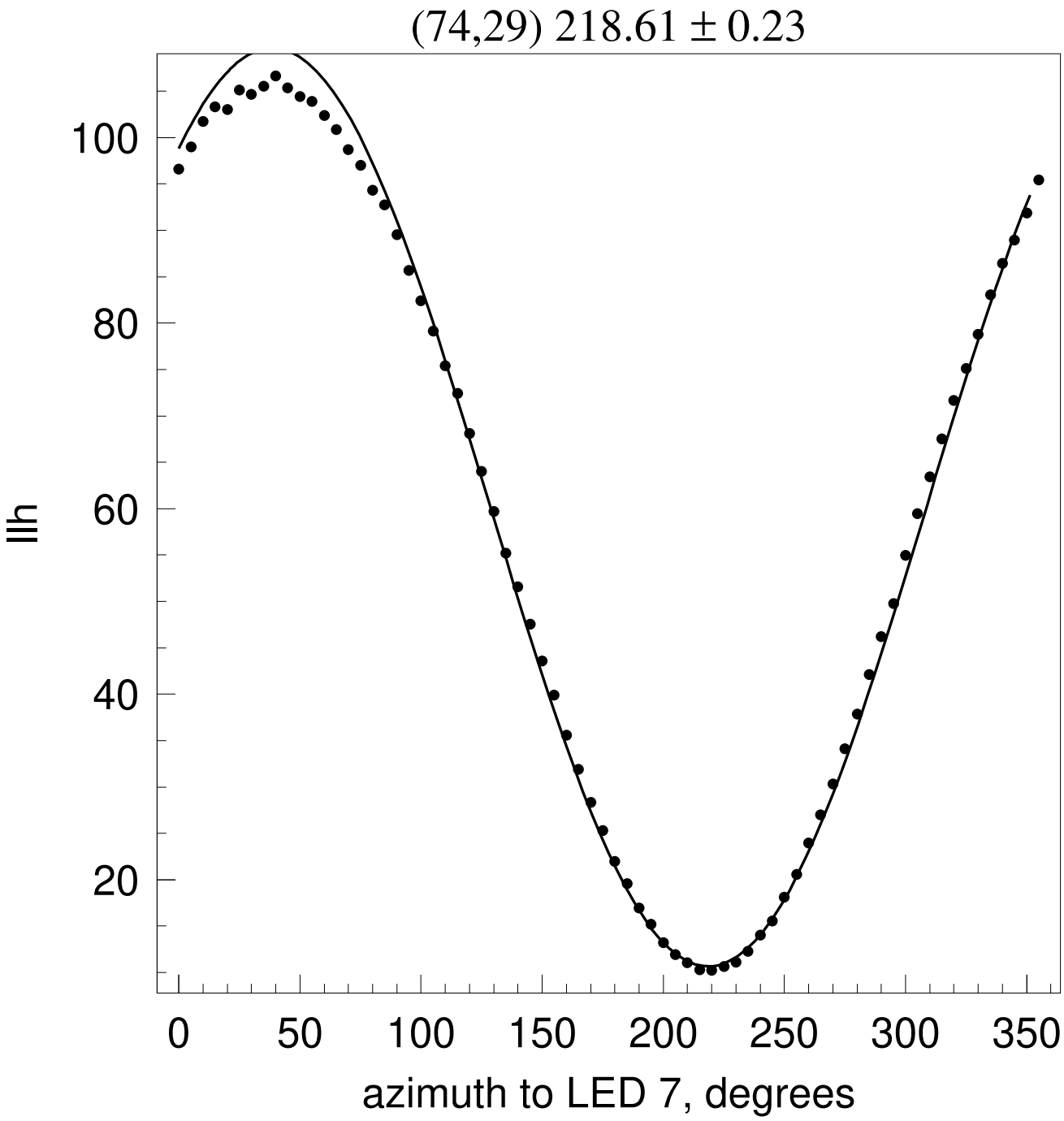

(74,24) 290.77 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

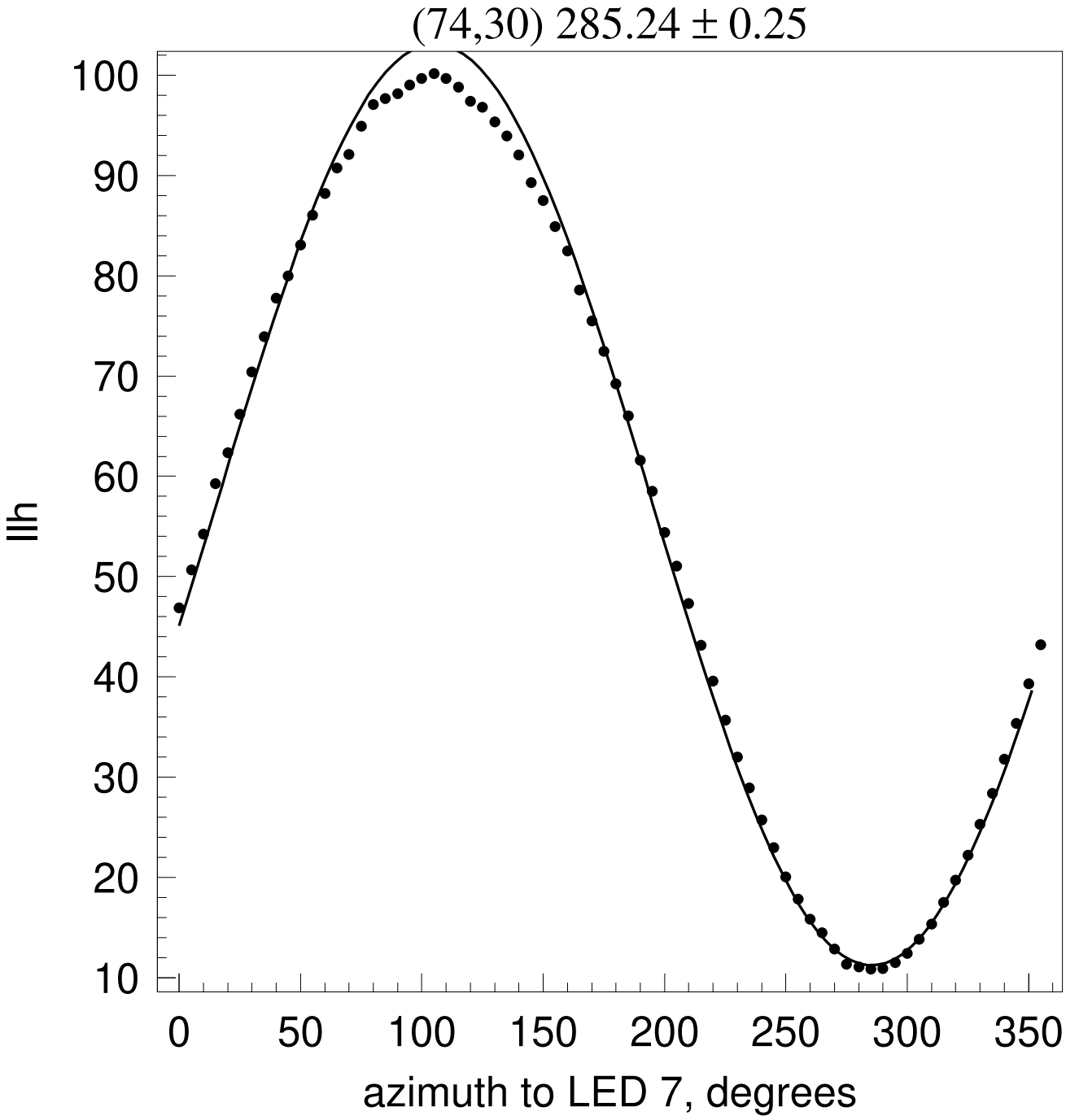

(74,25) 298.34 ± 0.25
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

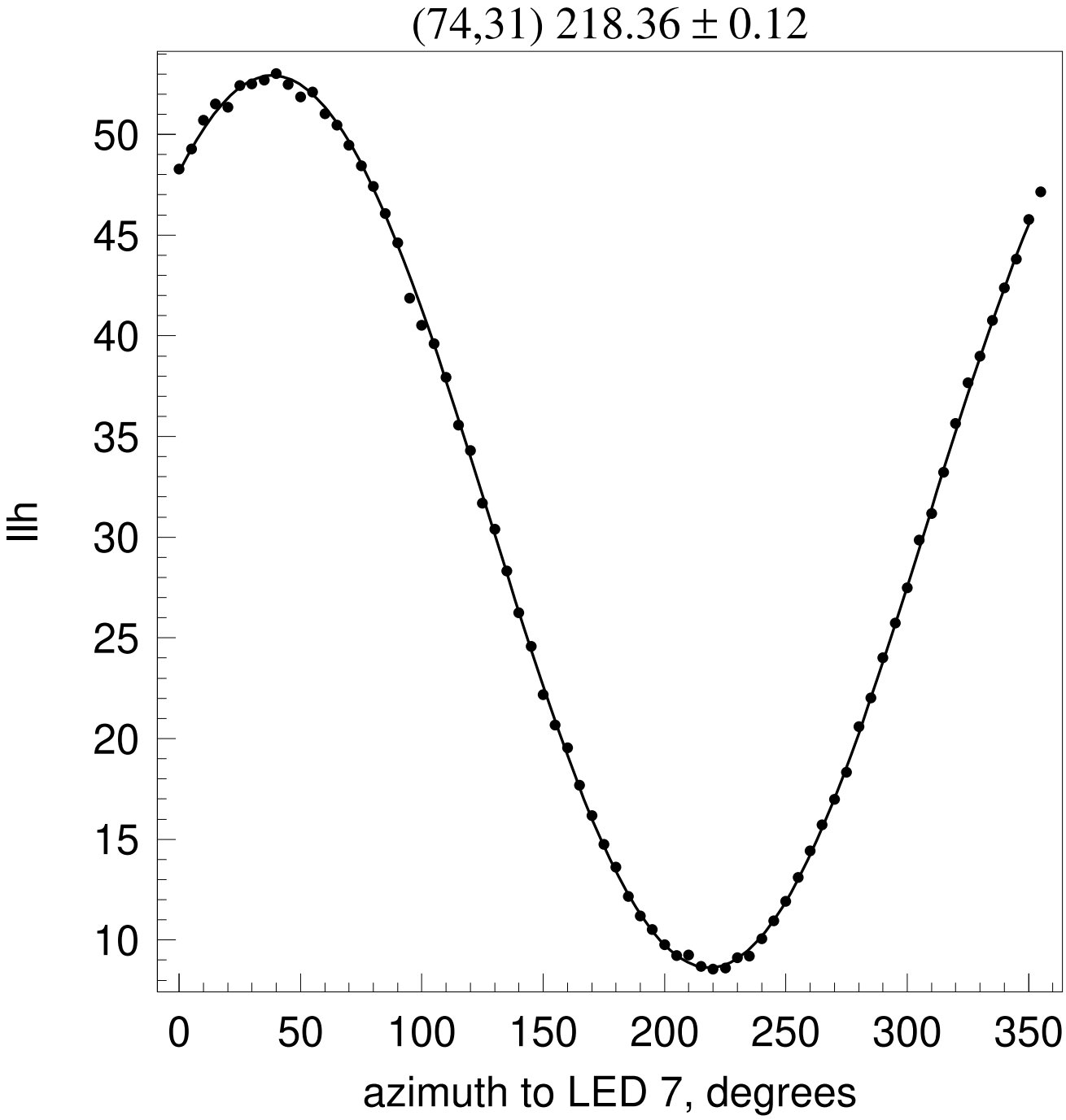

(74,26) 304.74 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

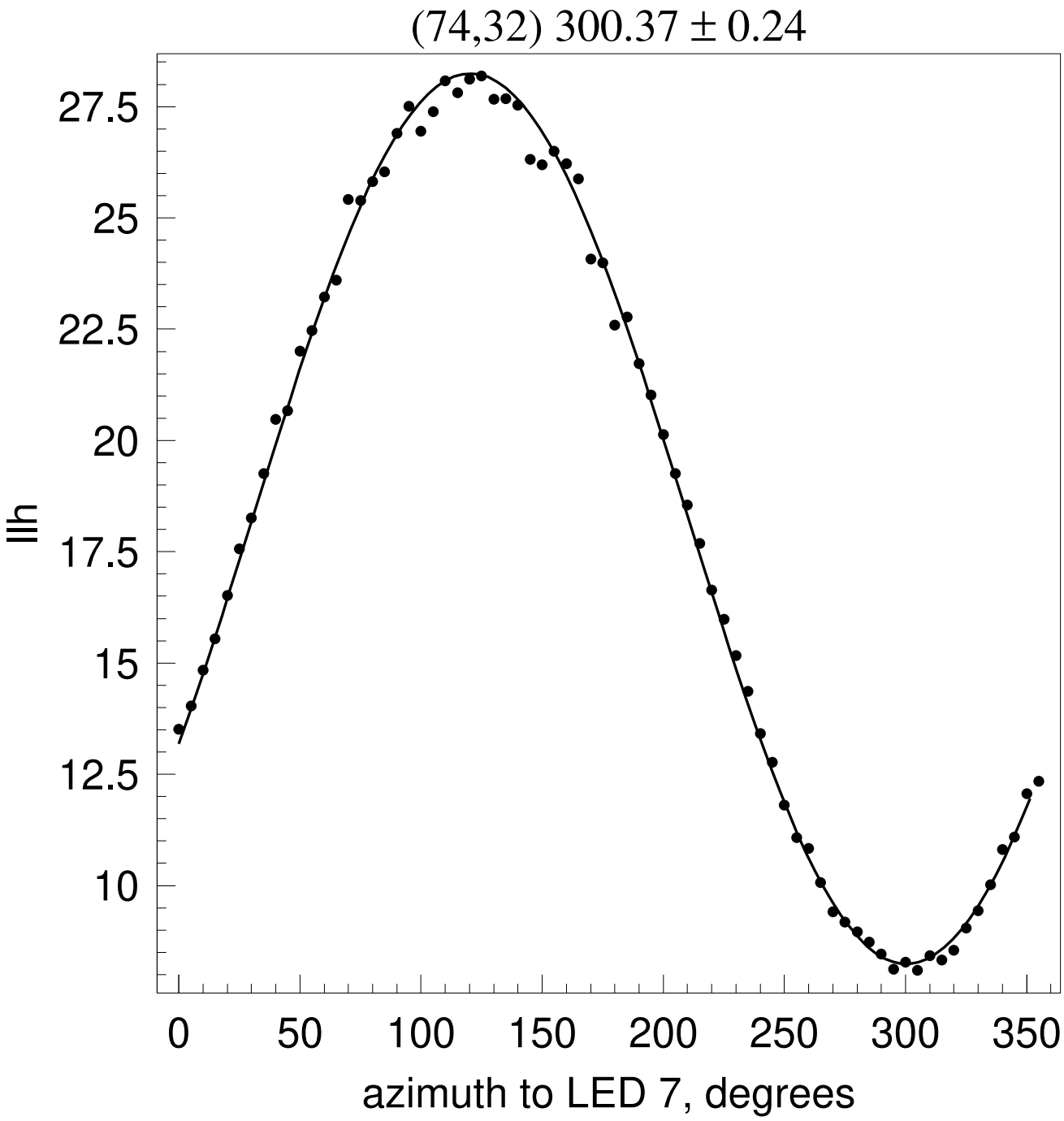

(74,27) 290.15 ± 0.18
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

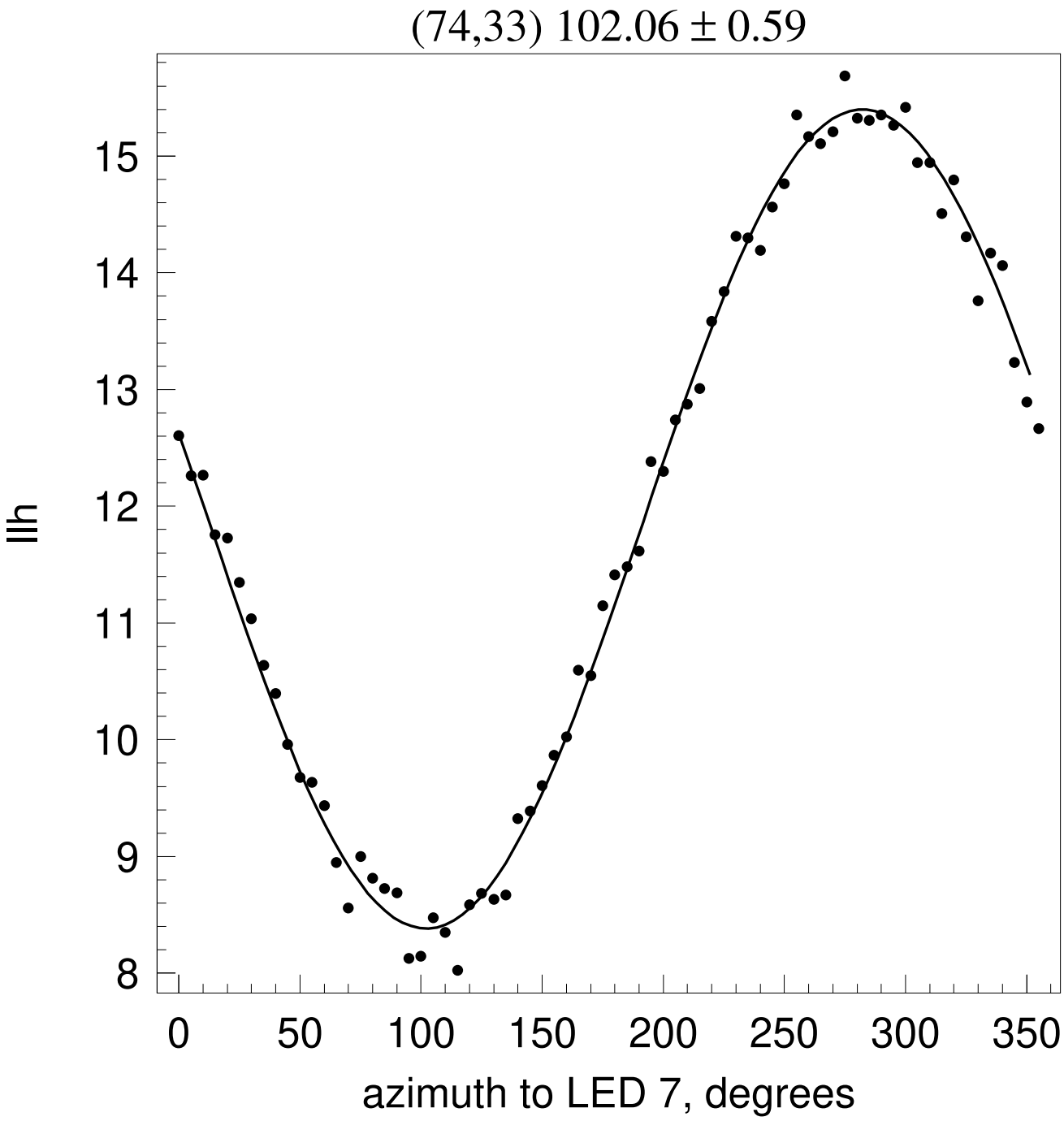

(74,28) 314.35 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

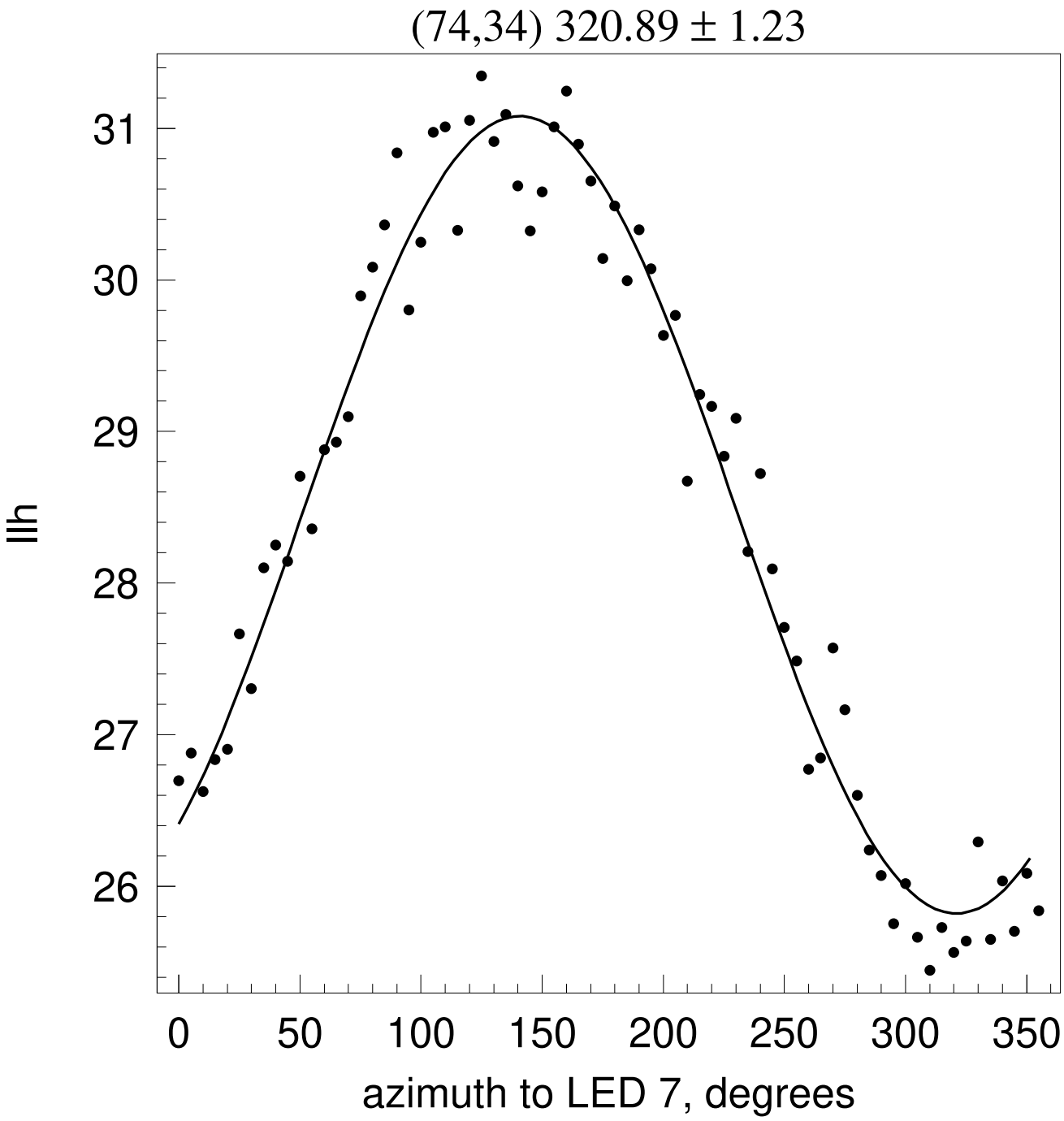

(74,29) 218.61 ± 0.23
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

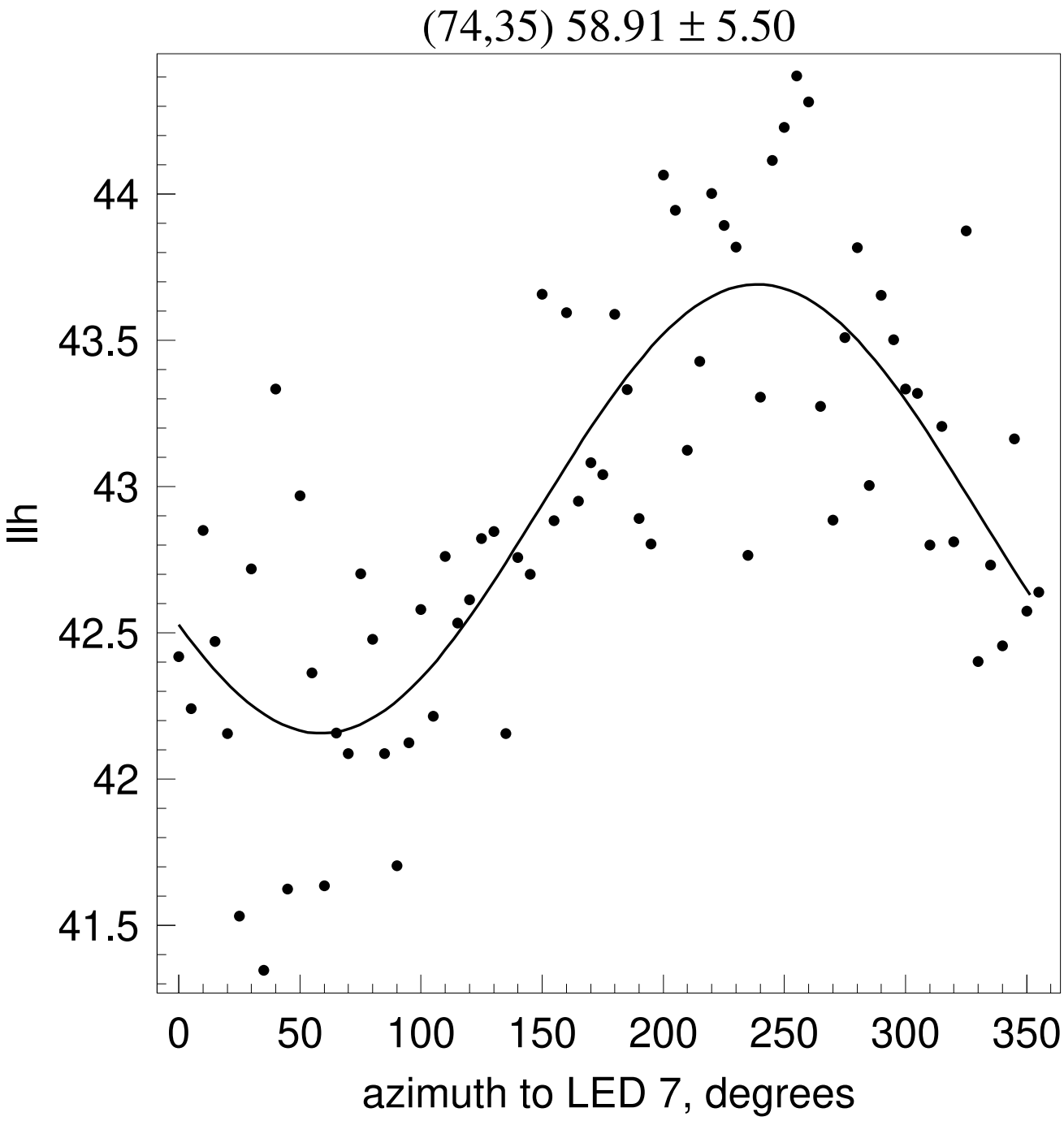

(74,30) 285.24 ± 0.25
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

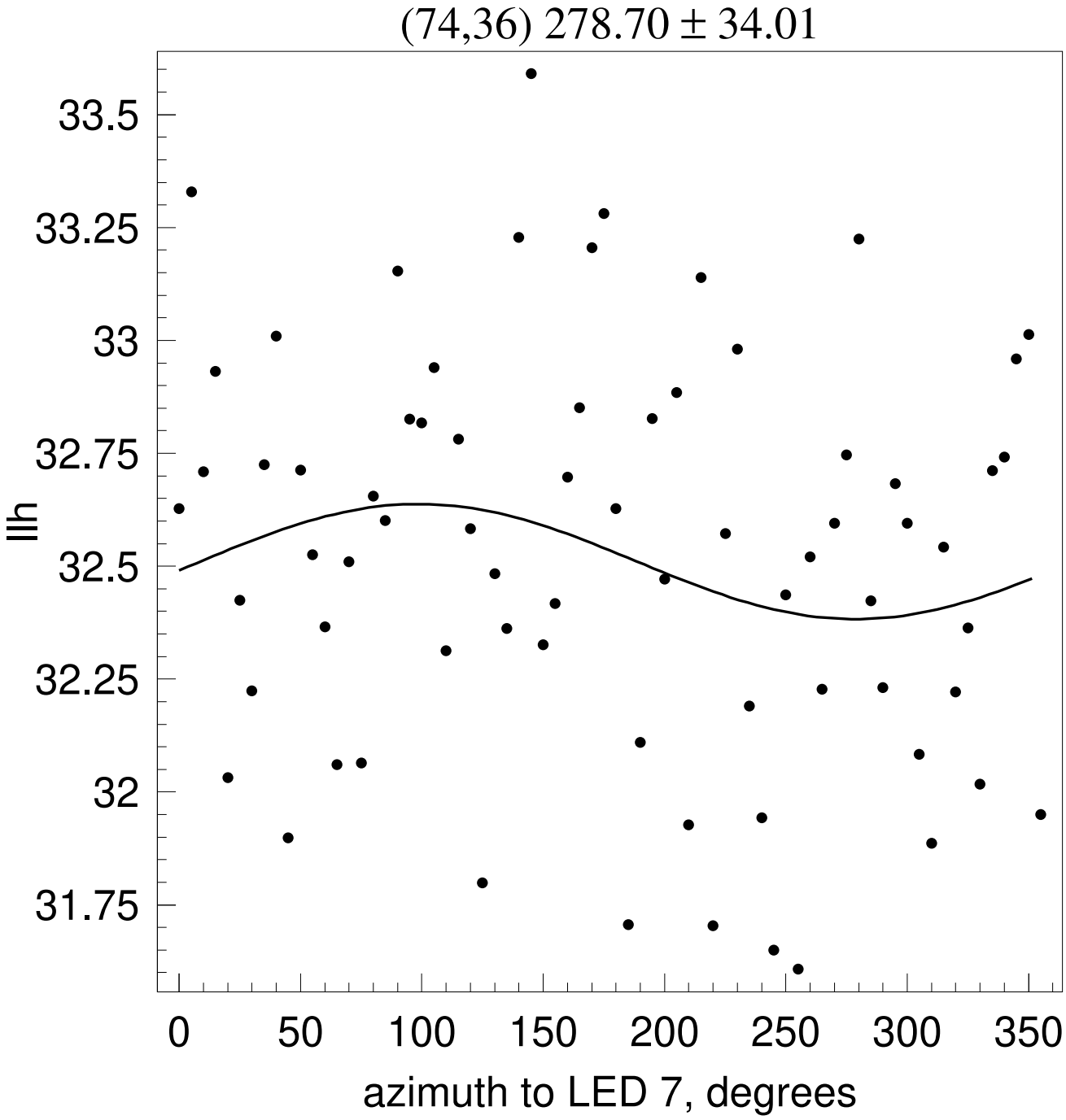

(74,31) 218.36 ± 0.12
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

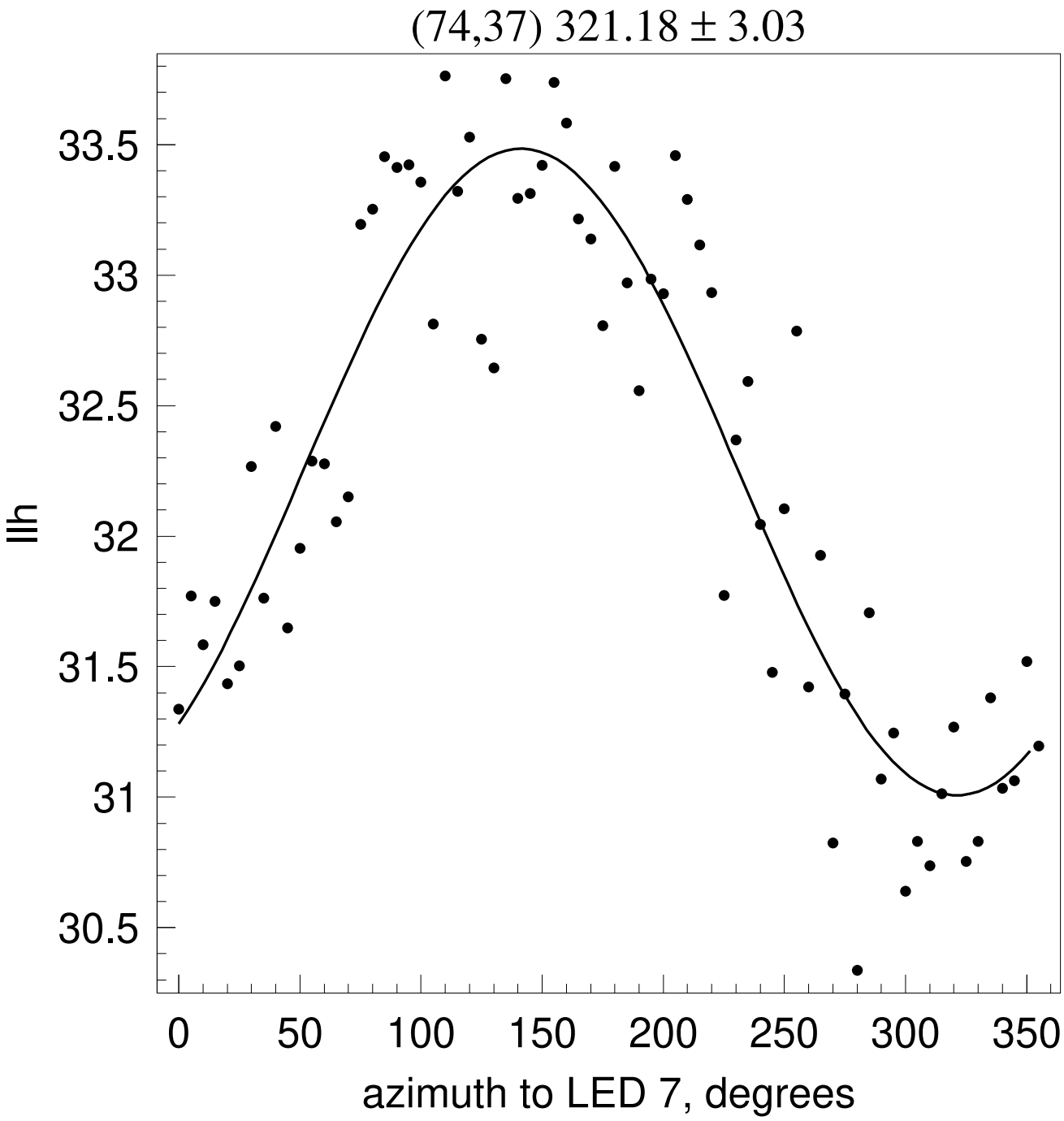

(74,32) 300.37 ± 0.24
27.5
25
22.5
20
17.5
15
12.5
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

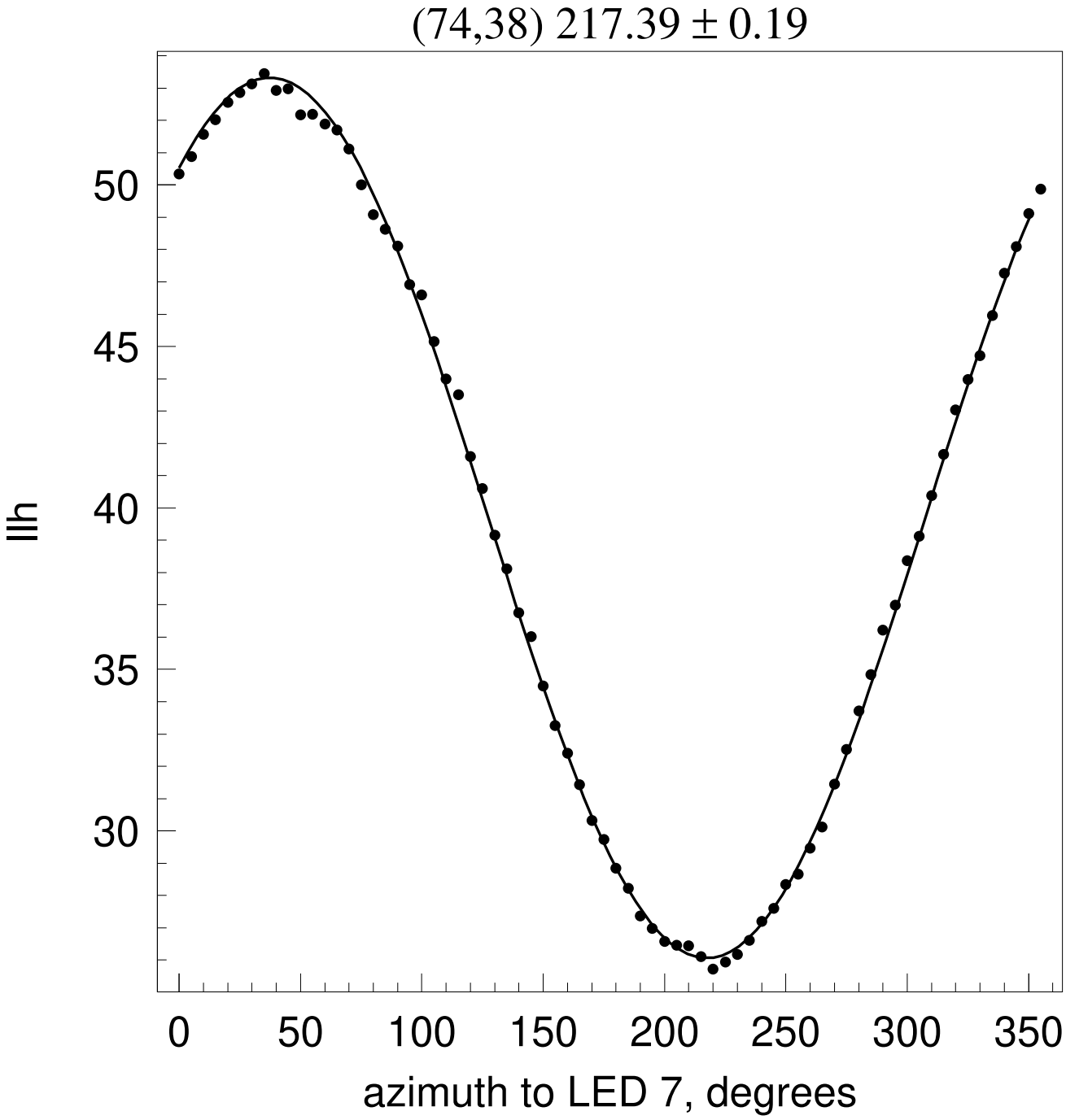

(74,33) 102.06 ± 0.59
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

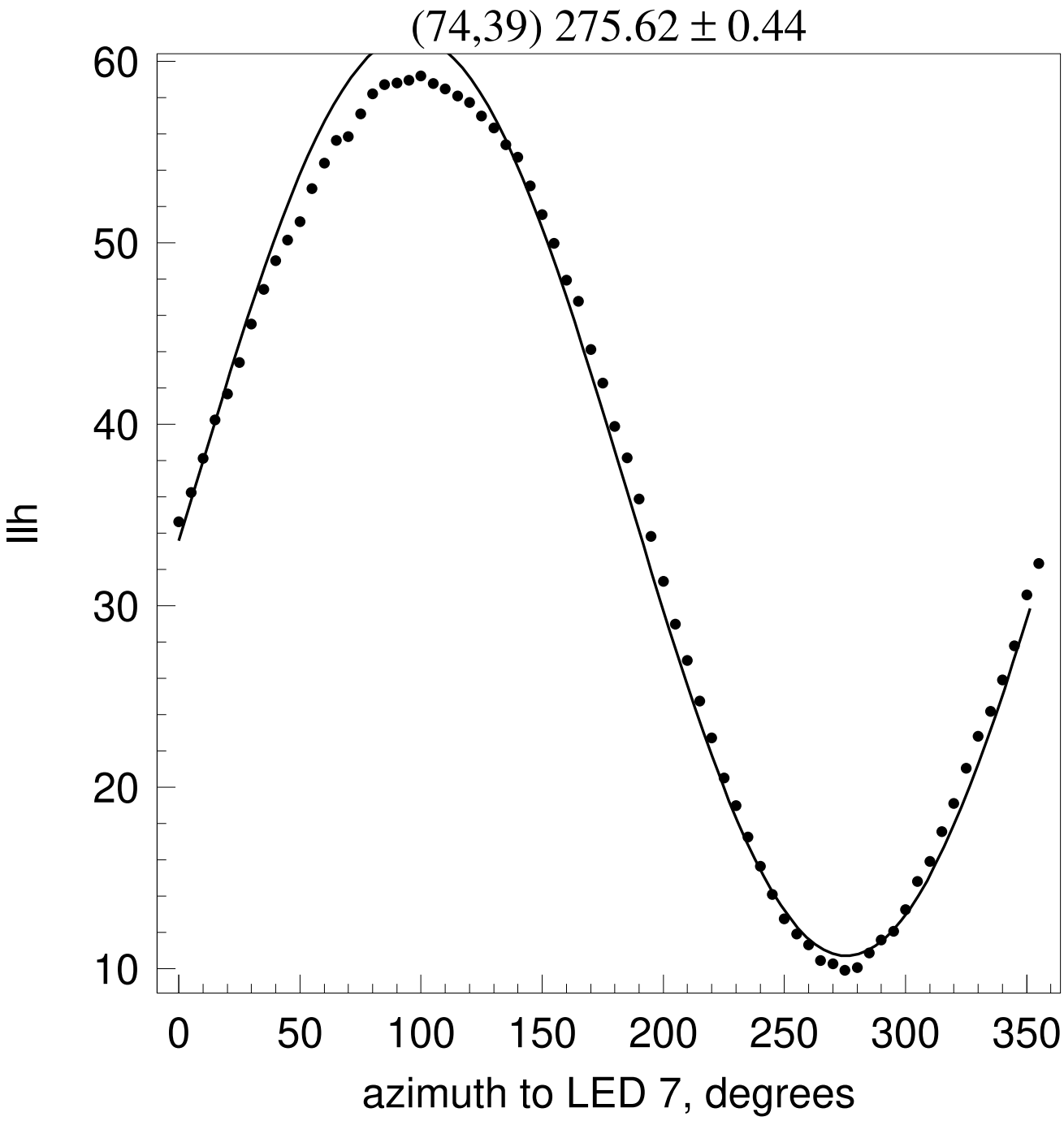

(74,34) 320.89 ± 1.23
31
30
29
28
27
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

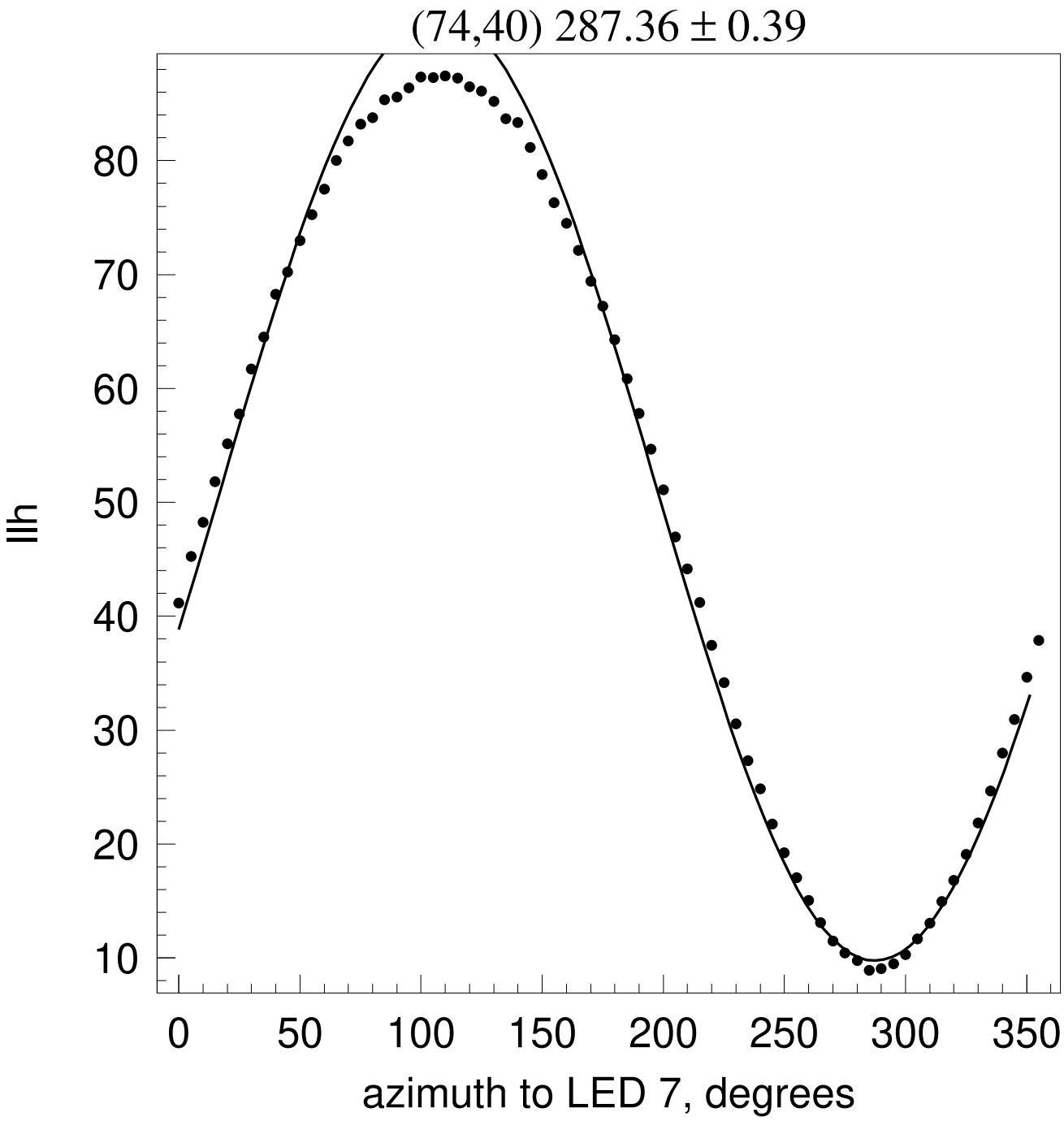

(74,35) 58.91 ± 5.50
44
43.5
43
42.5
42
41.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

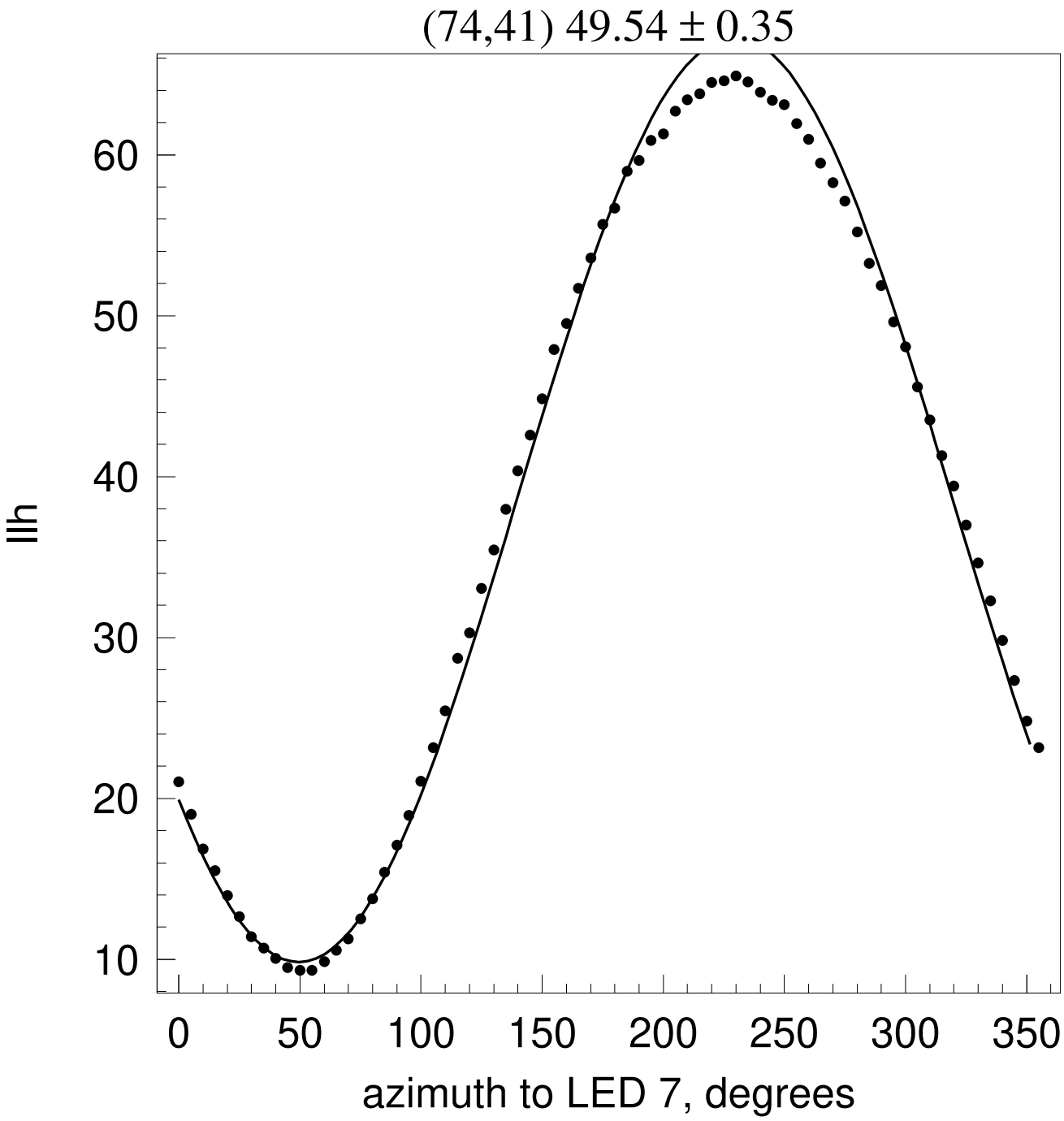

(74,36) 278.70 ± 34.01
33.5
33.25
33
32.75
32.5
32.25
32
31.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

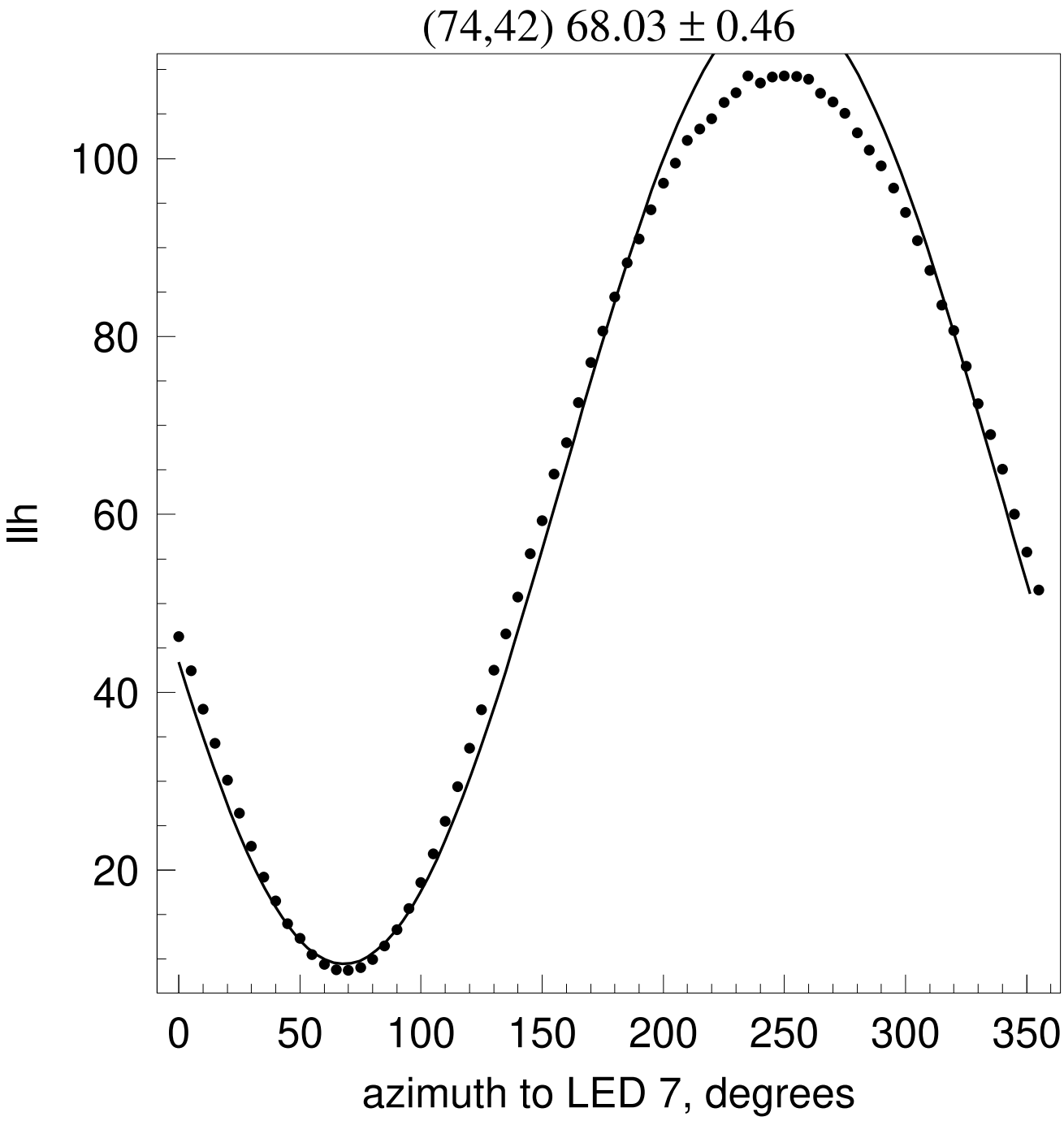

(74,37) 321.18 ± 3.03
33.5
33
32.5
32
31.5
31
30.5
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

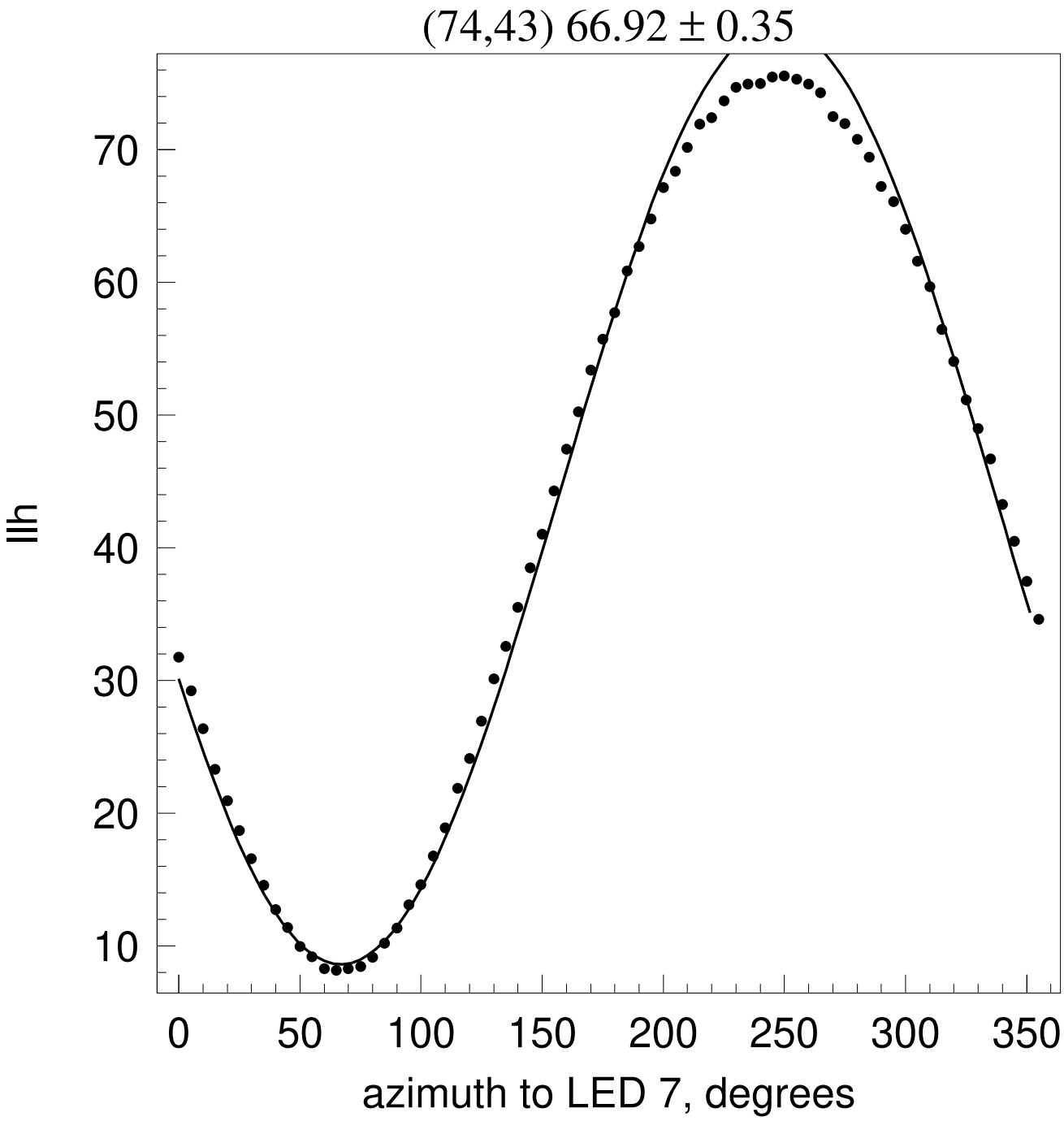

(74,38) 217.39 ± 0.19
50
45
40
35
30
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

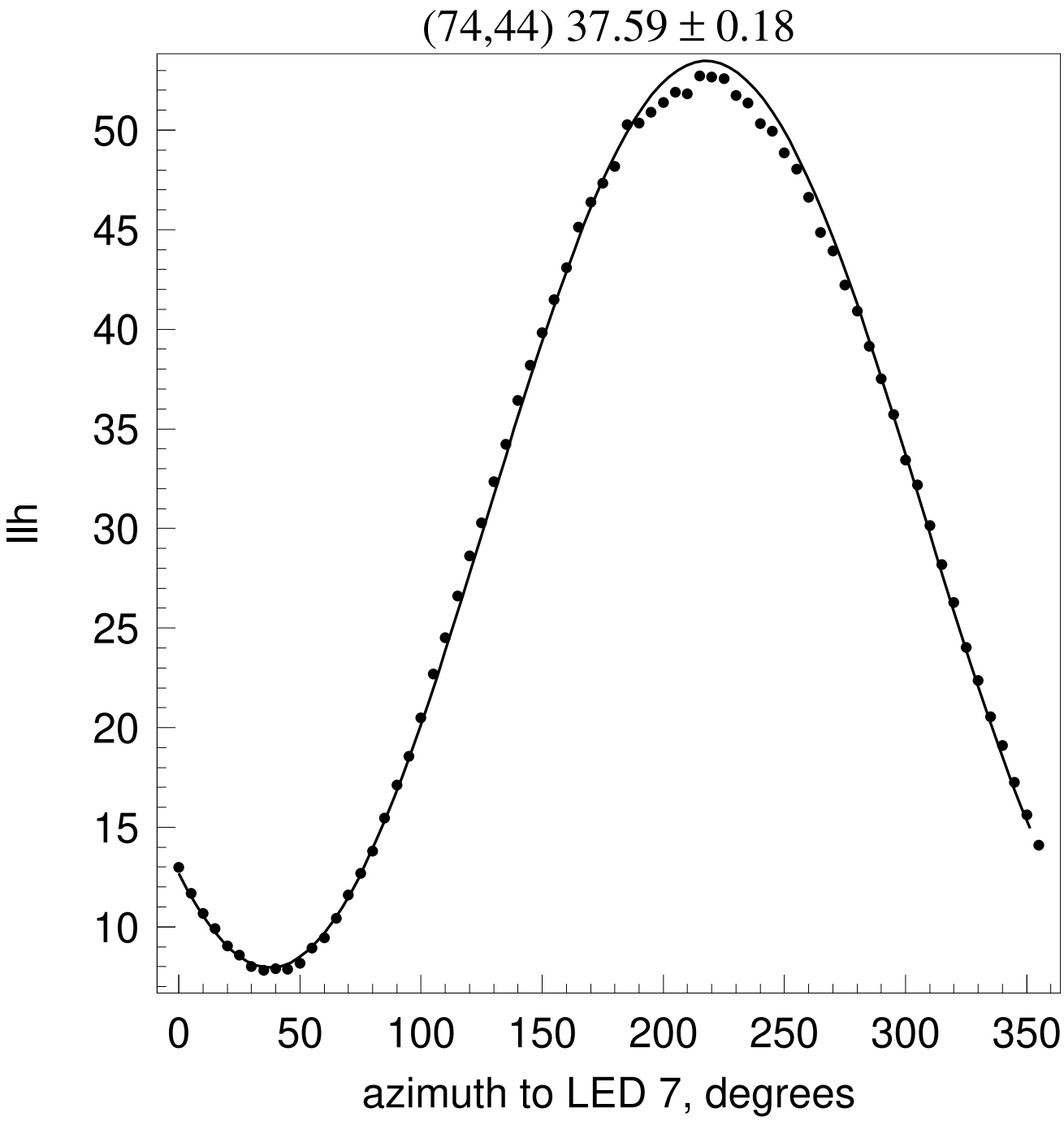

(74,39) 275.62 ± 0.44
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

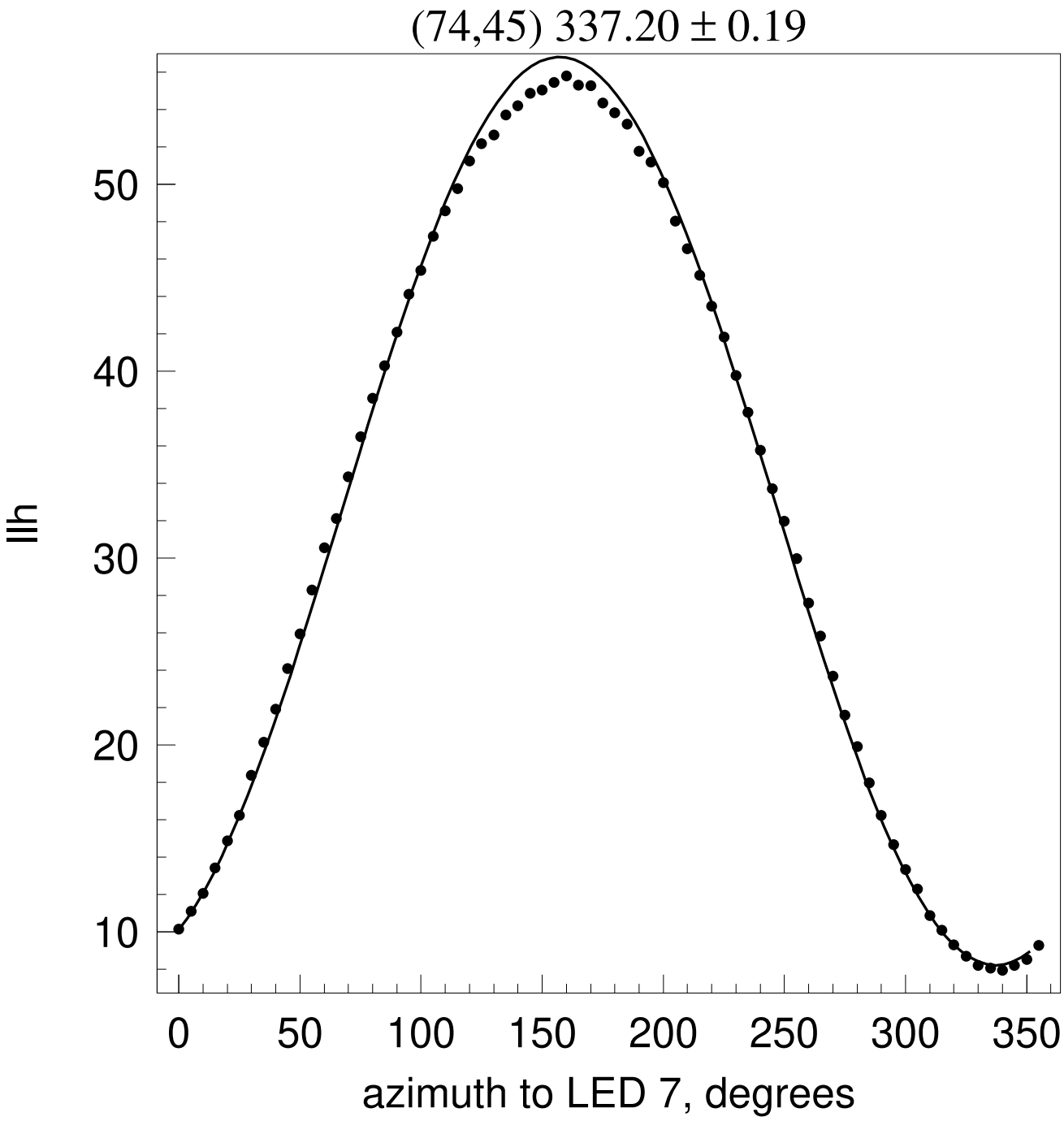

(74,40) 287.36 ± 0.39
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

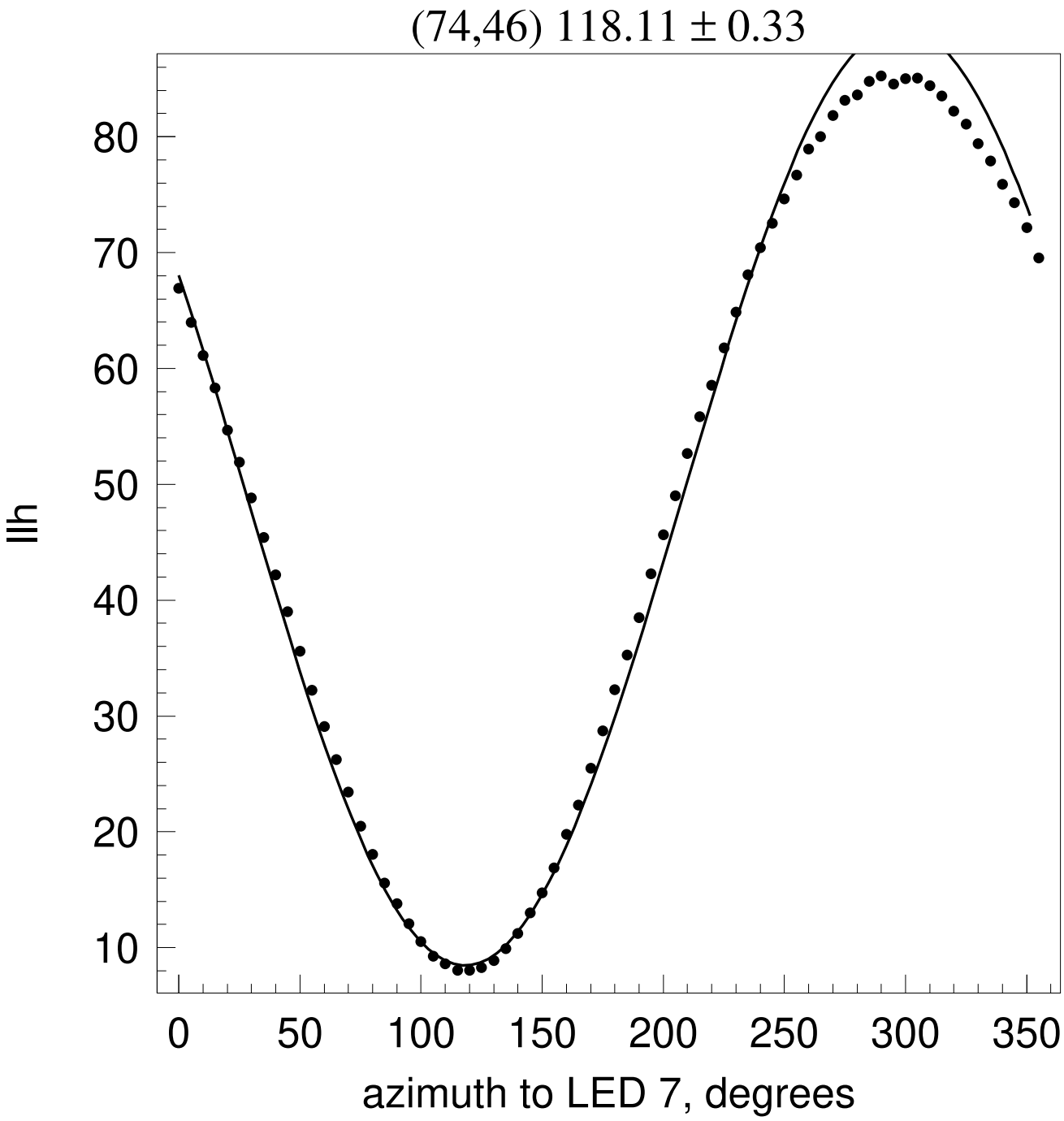

(74,41) 49.54 ± 0.35
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

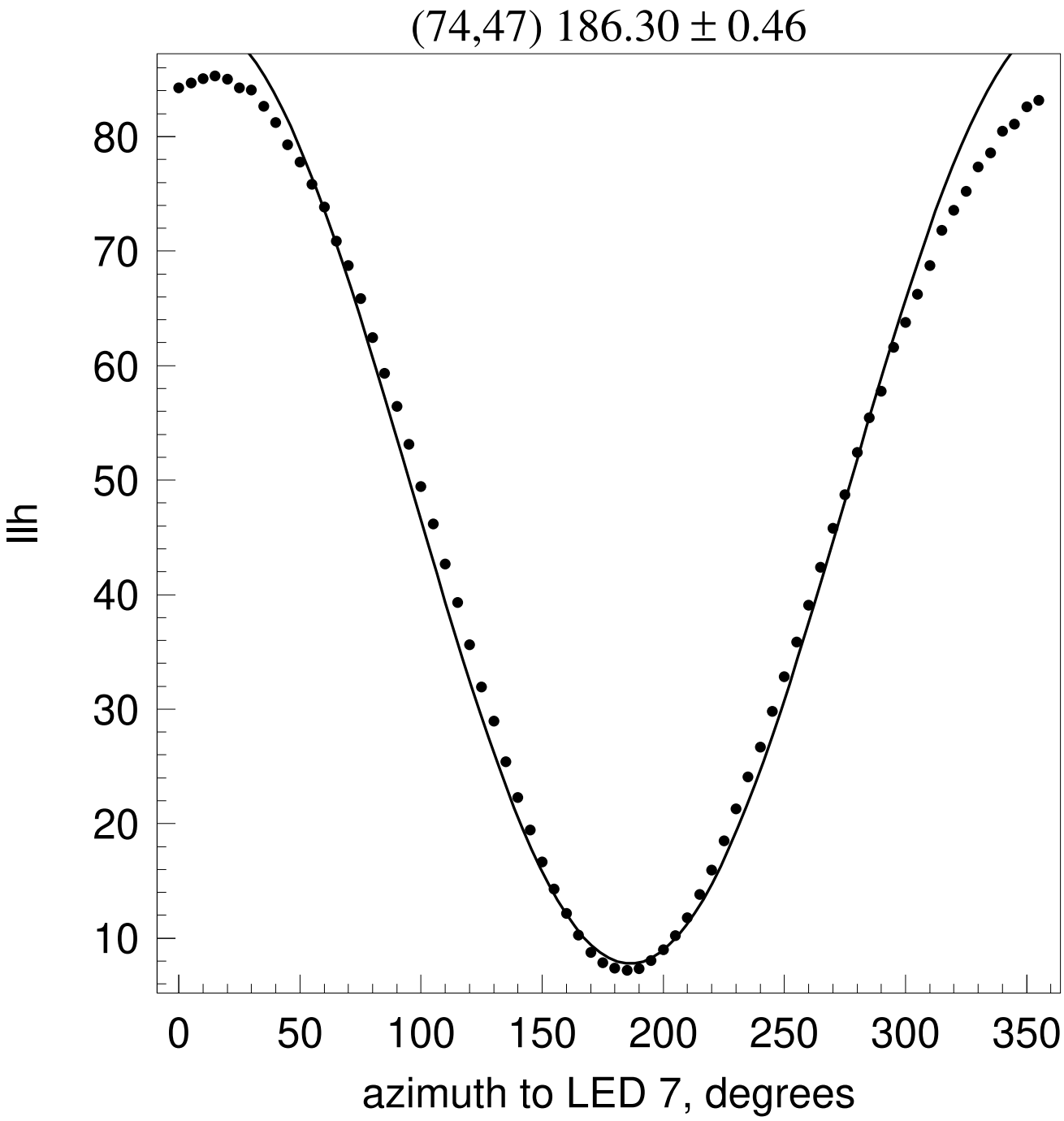

(74,42) 68.03 ± 0.46
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

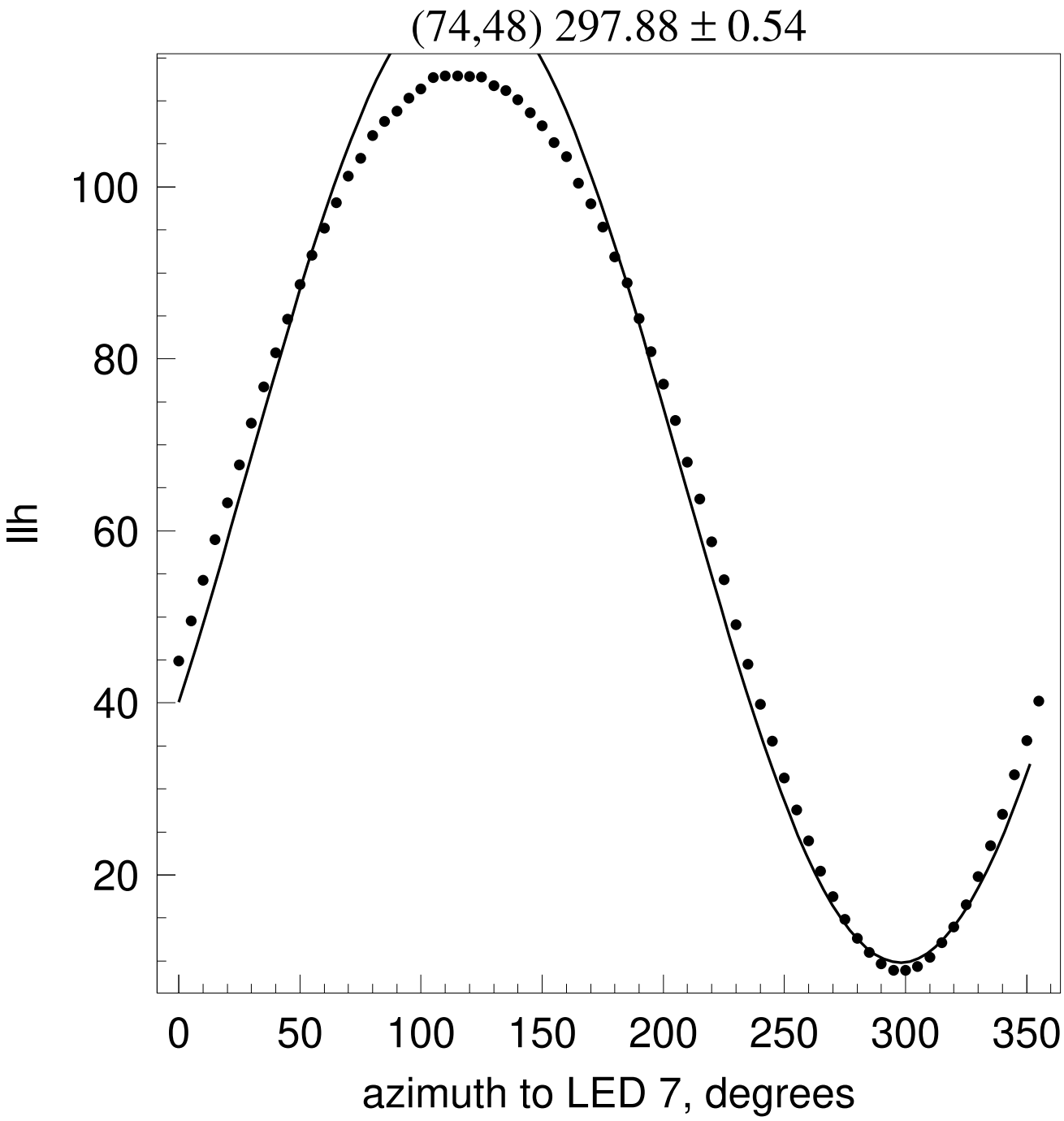

(74,43) 66.92 ± 0.35
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

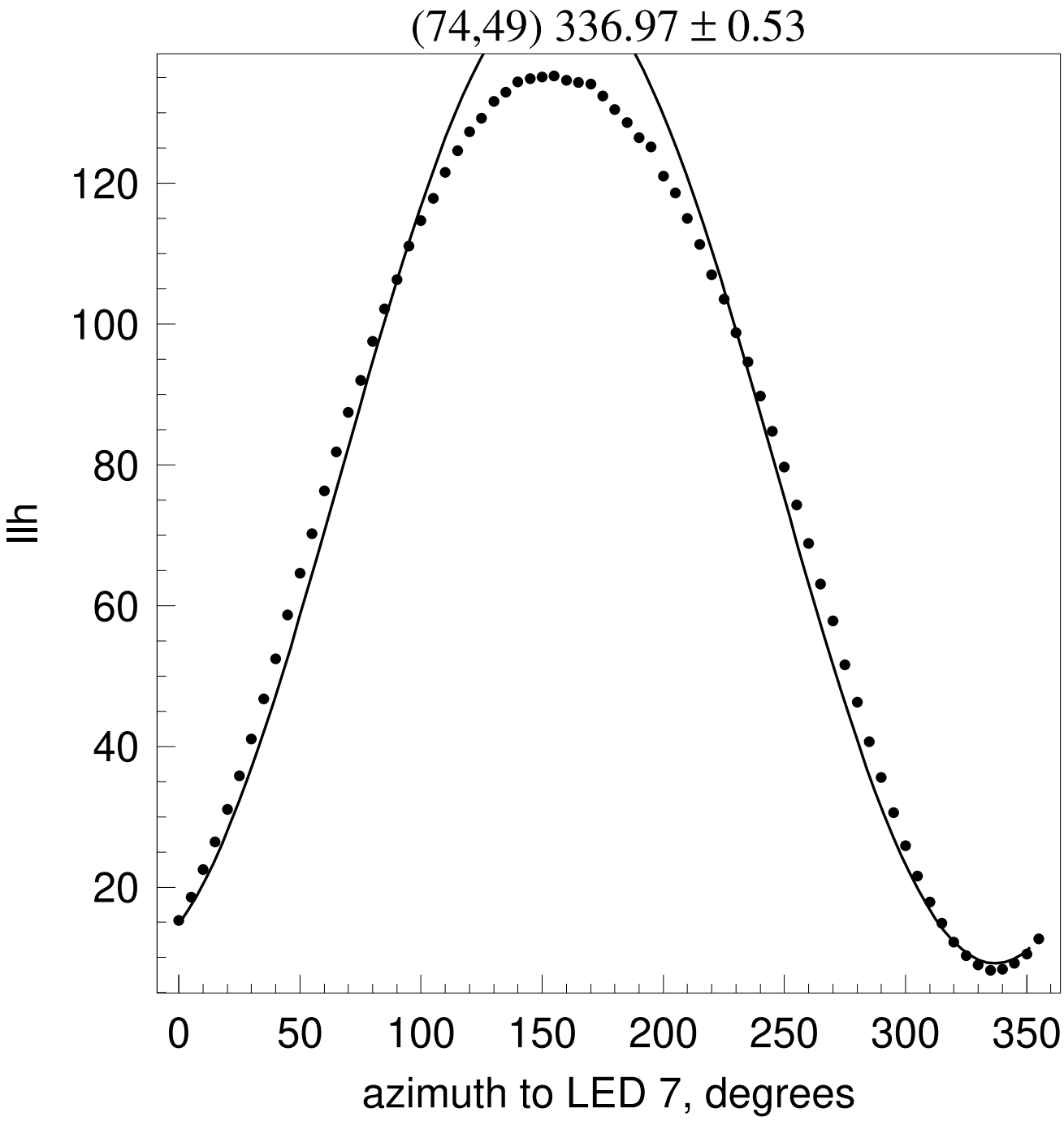

(74,44) 37.59 ± 0.18
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

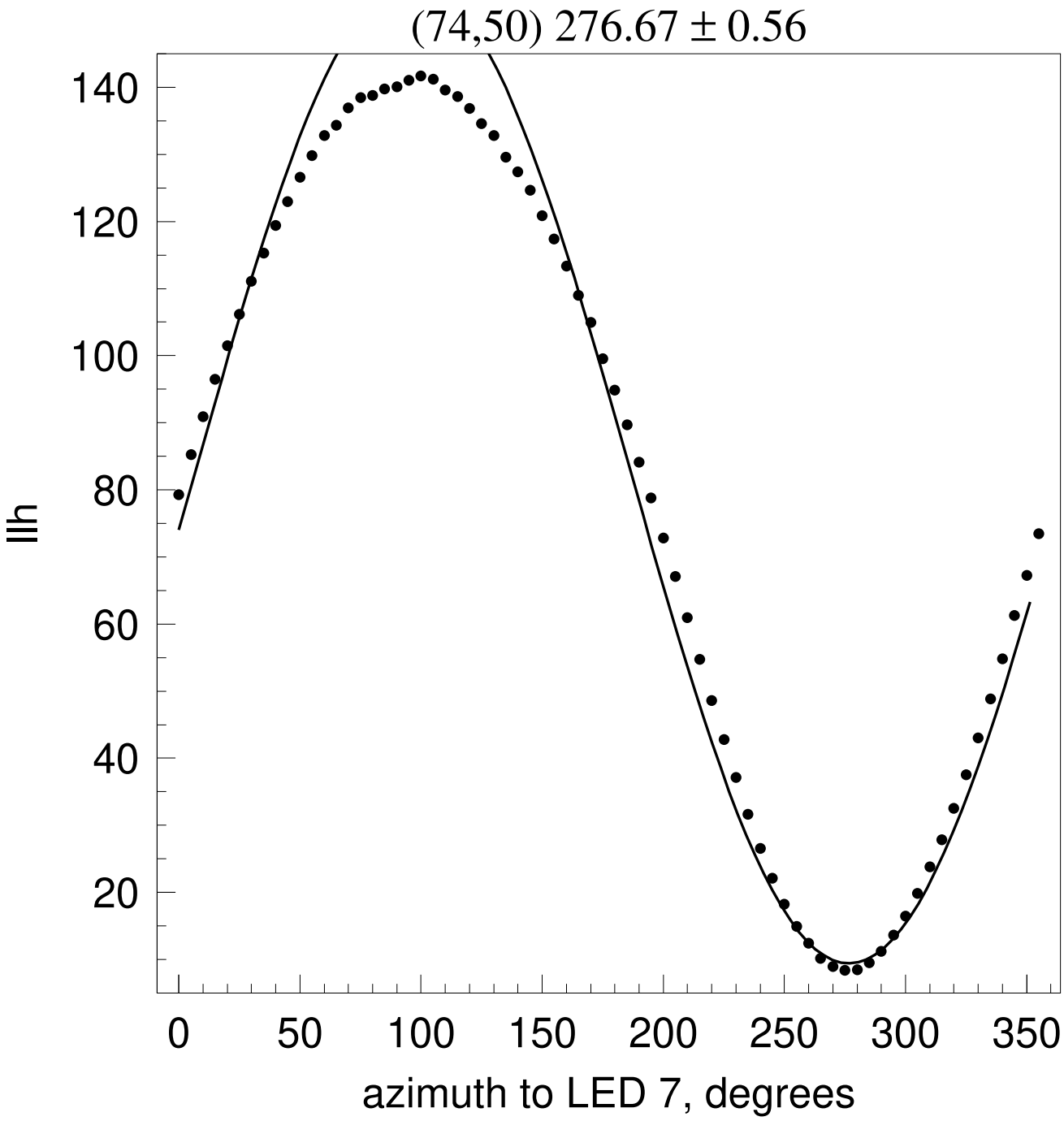

(74,45) 337.20 ± 0.19
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

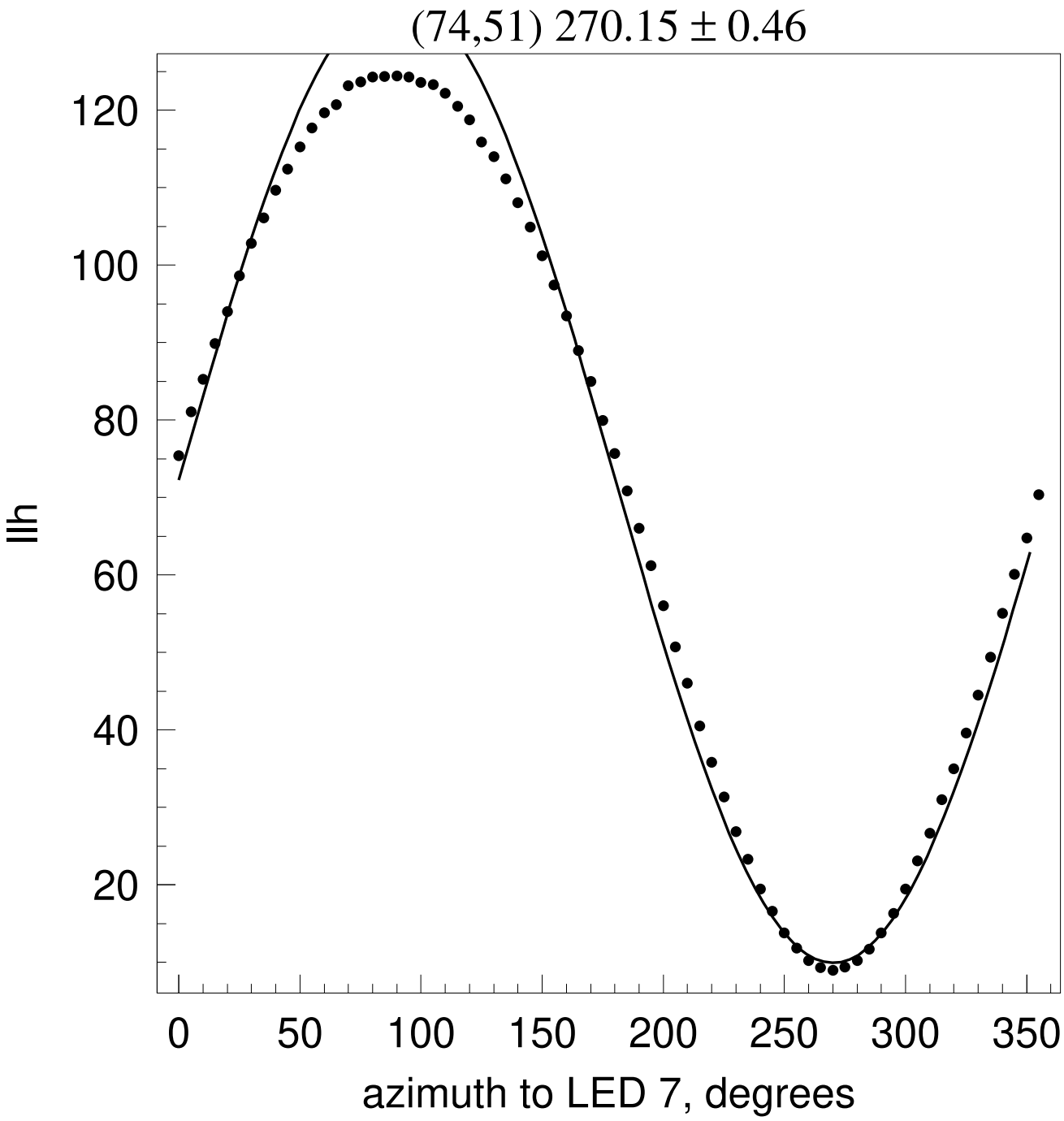

(74,46) 118.11 ± 0.33
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

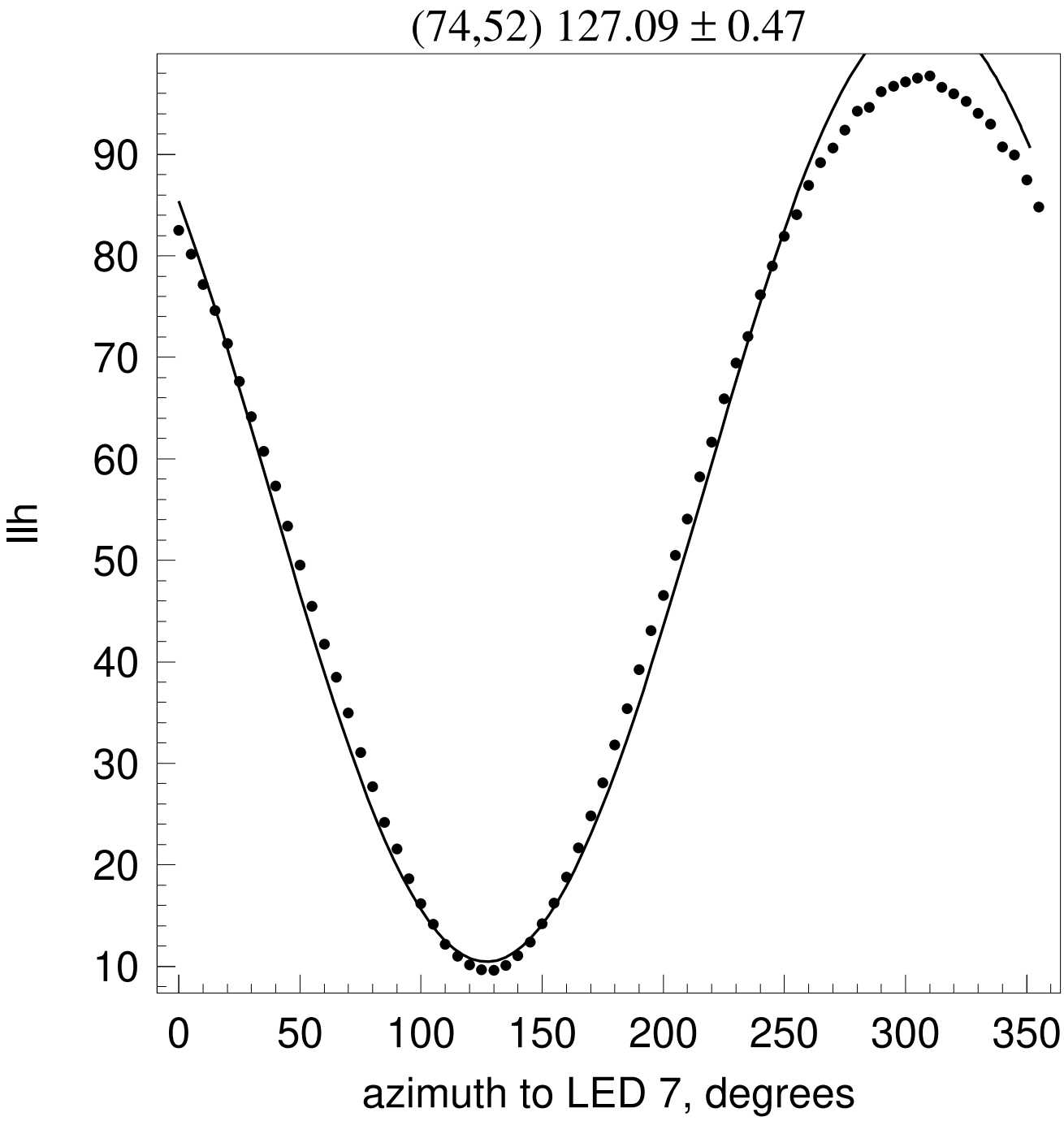

(74,47) 186.30 ± 0.46
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

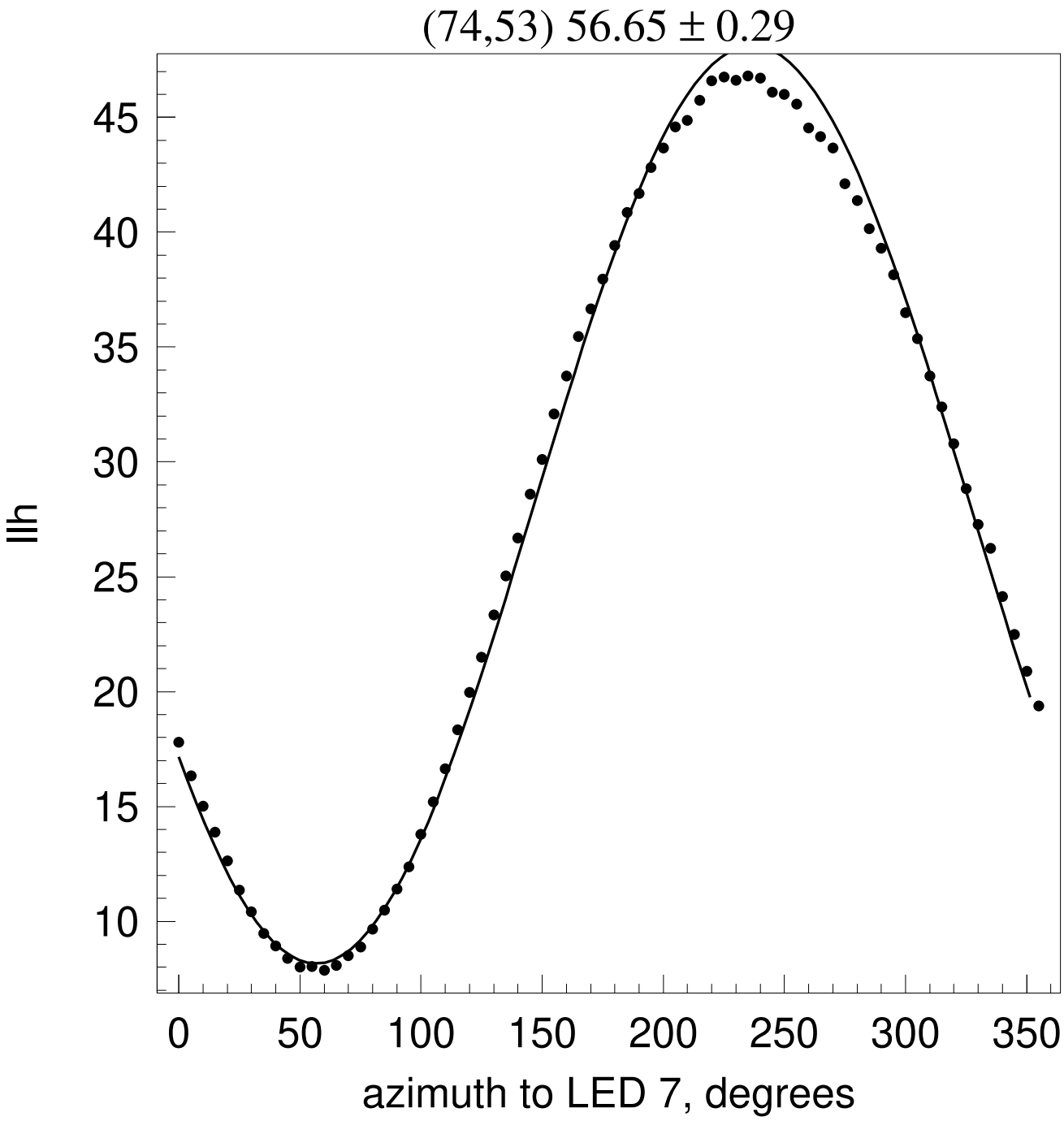

(74,48) 297.88 ± 0.54
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

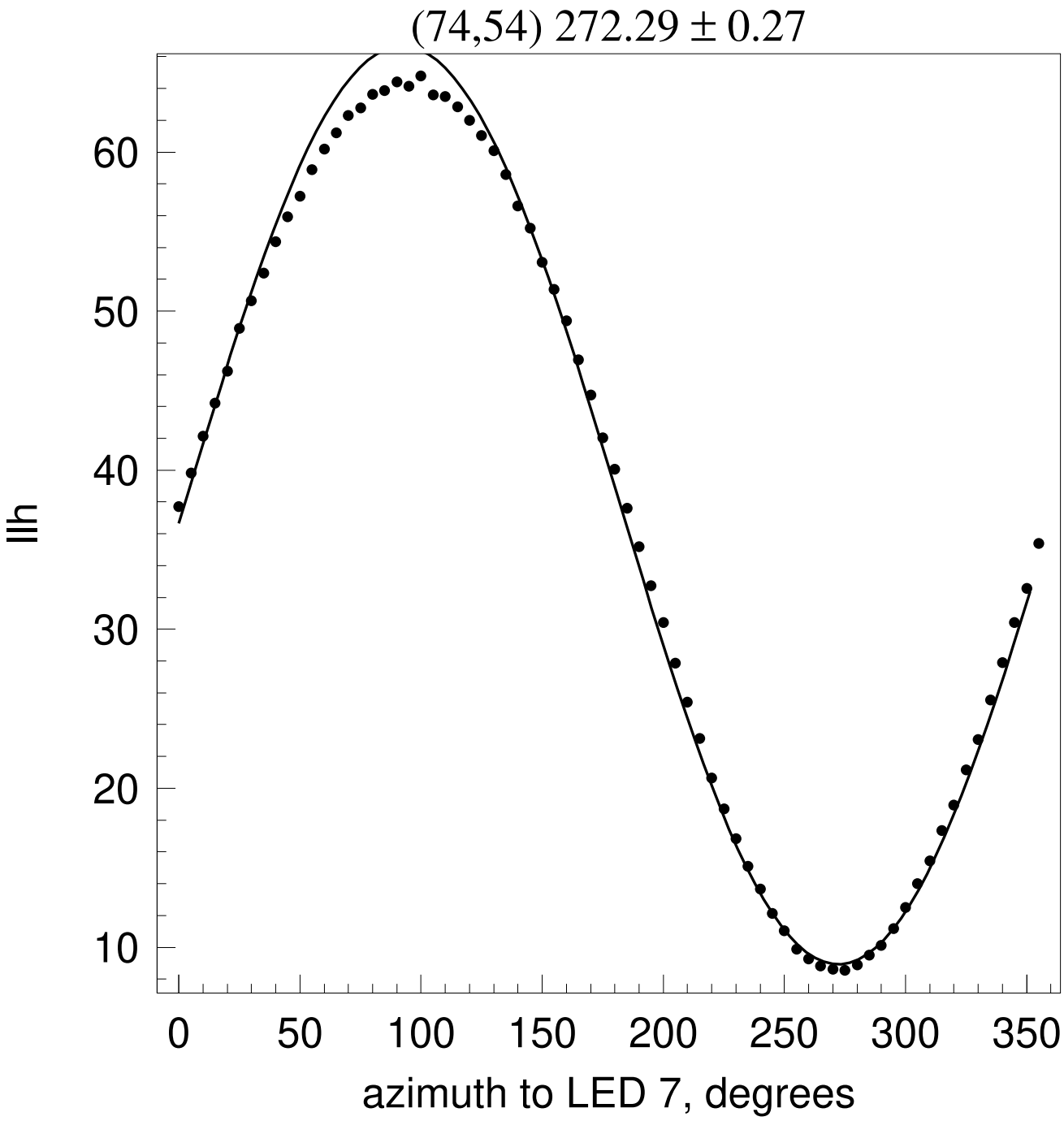

(74,49) 336.97 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

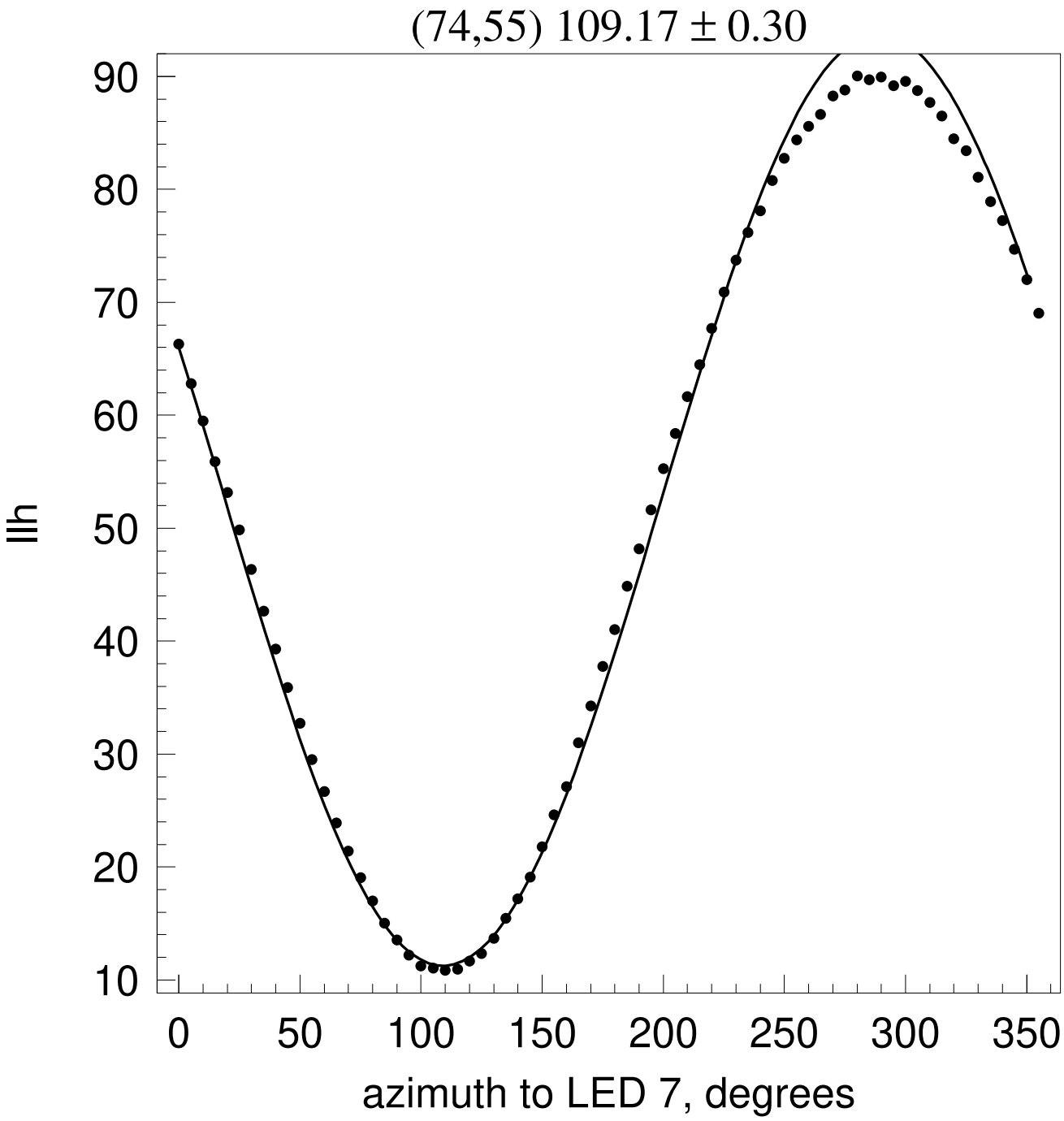

(74,50) 276.67 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

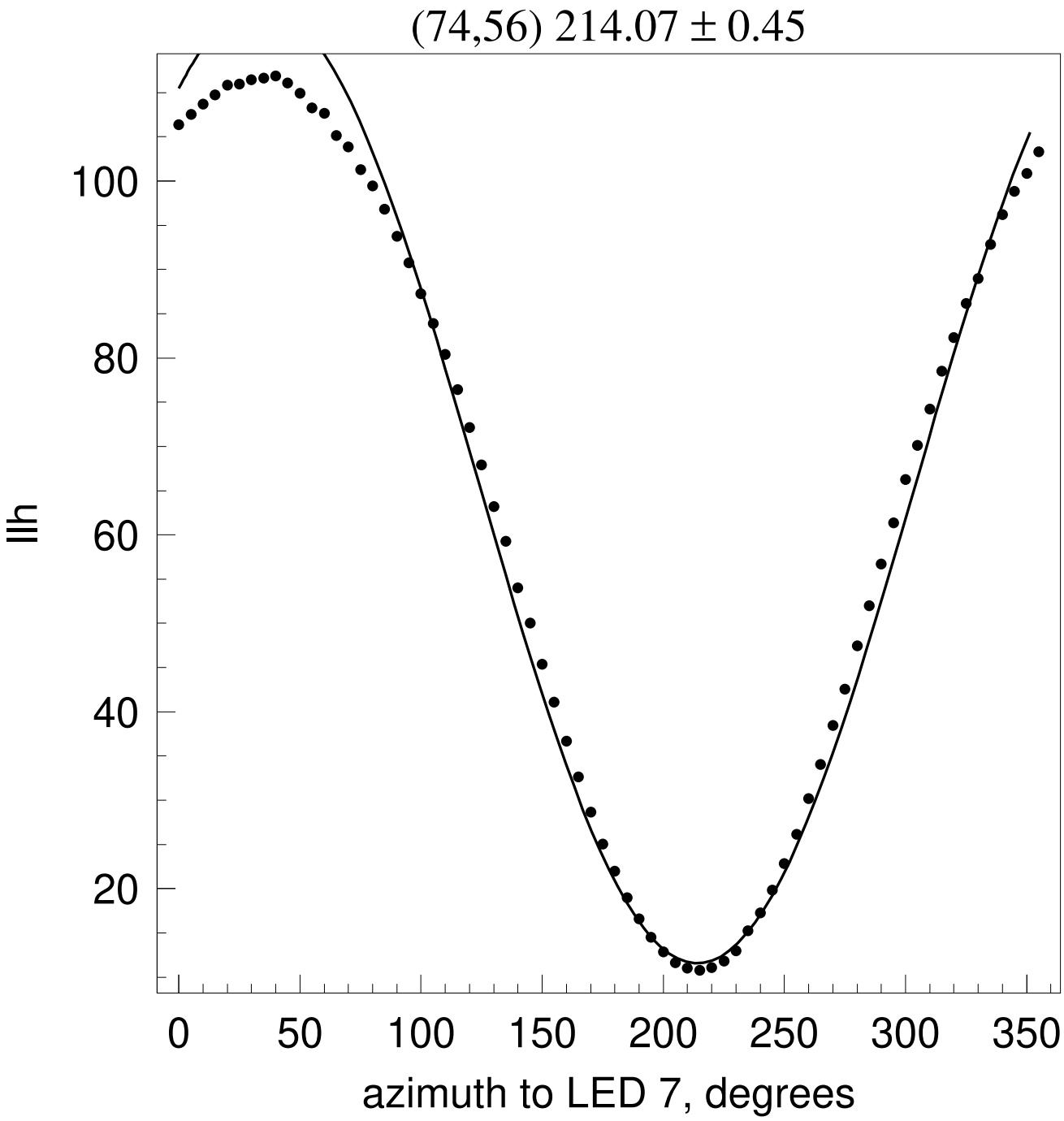

(74,51) 270.15 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

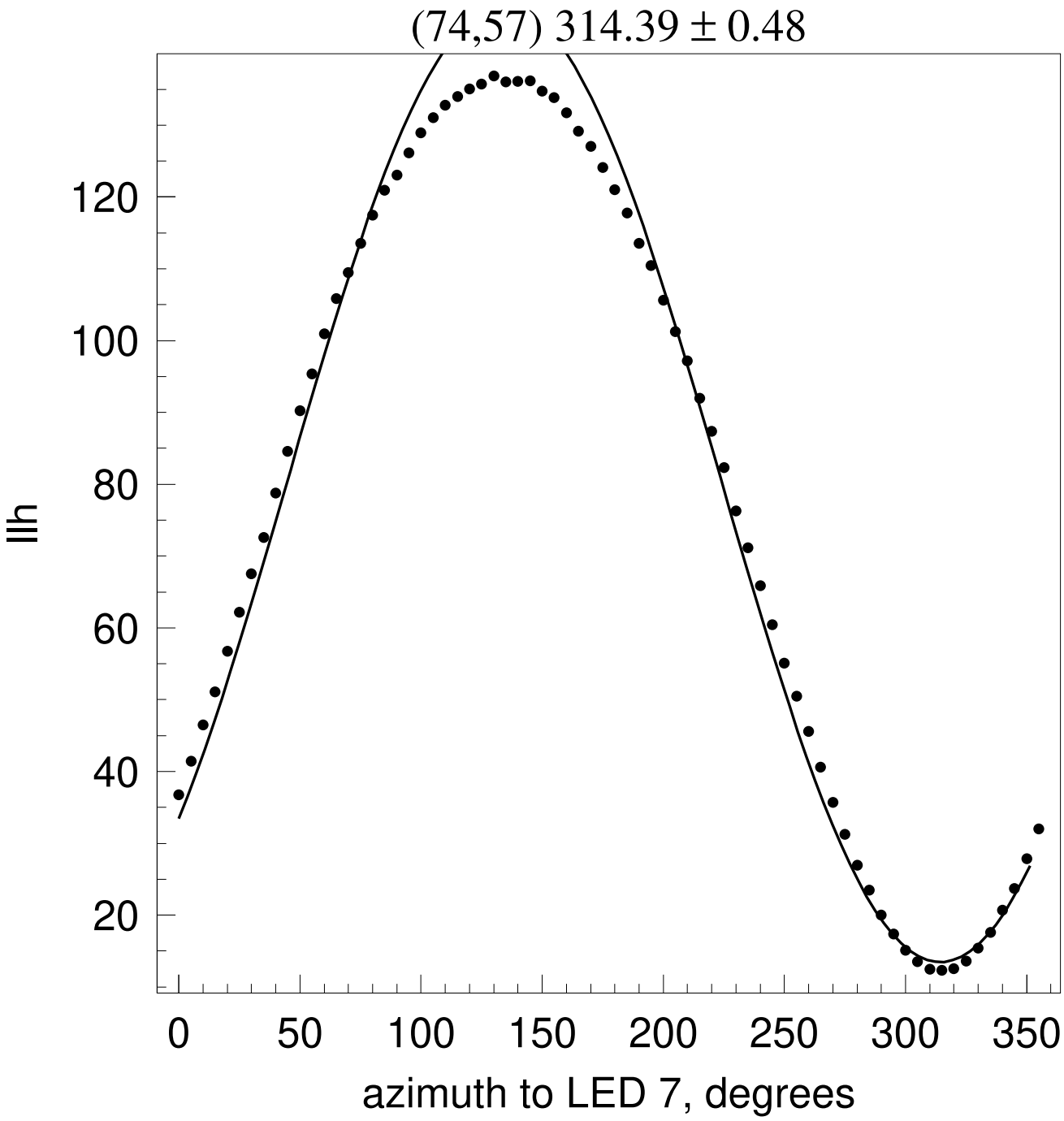

(74,52) 127.09 ± 0.47
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

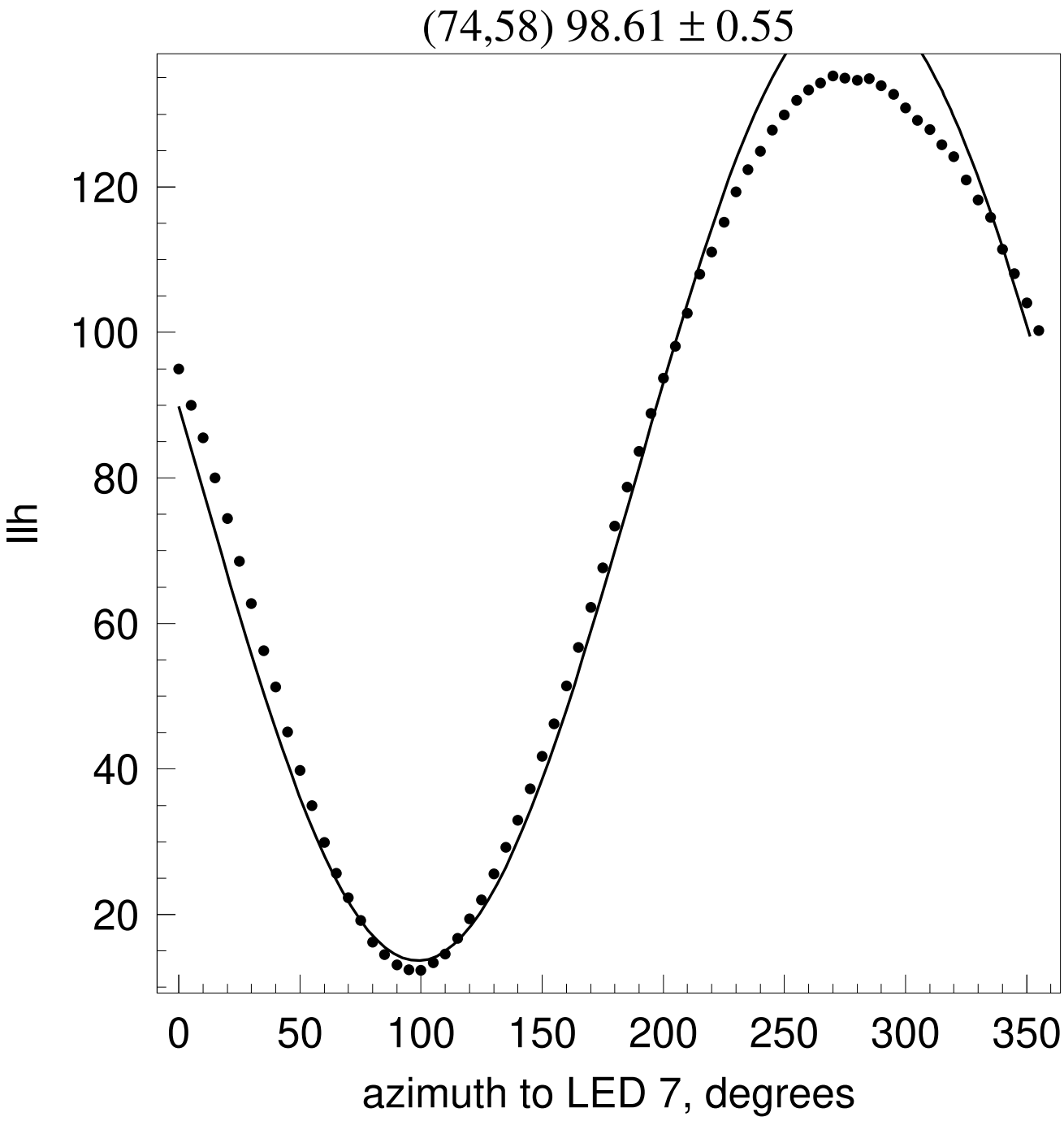

(74,53) 56.65 ± 0.29
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

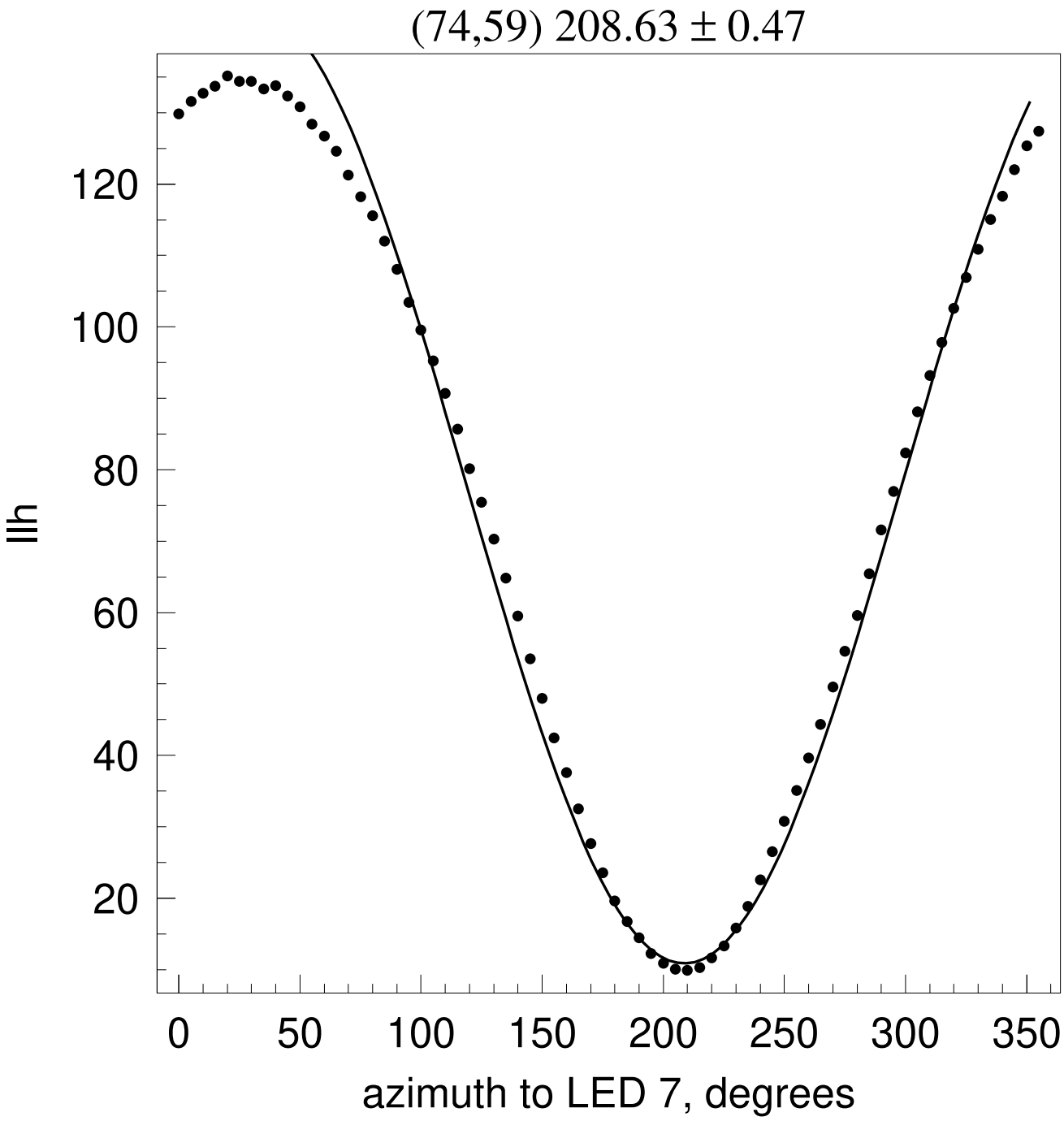

(74,54) 272.29 ± 0.27
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

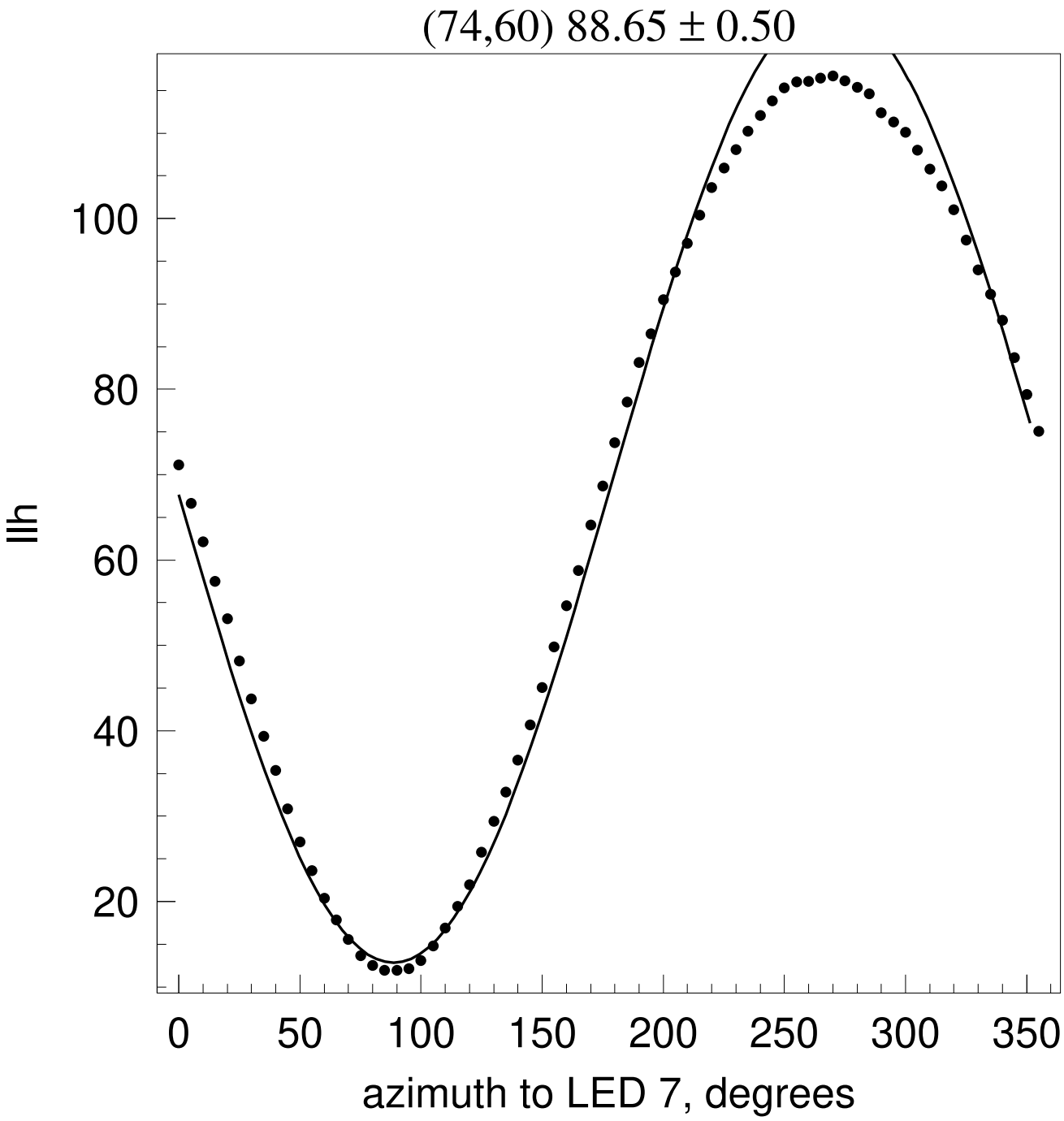

(74,55) 109.17 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

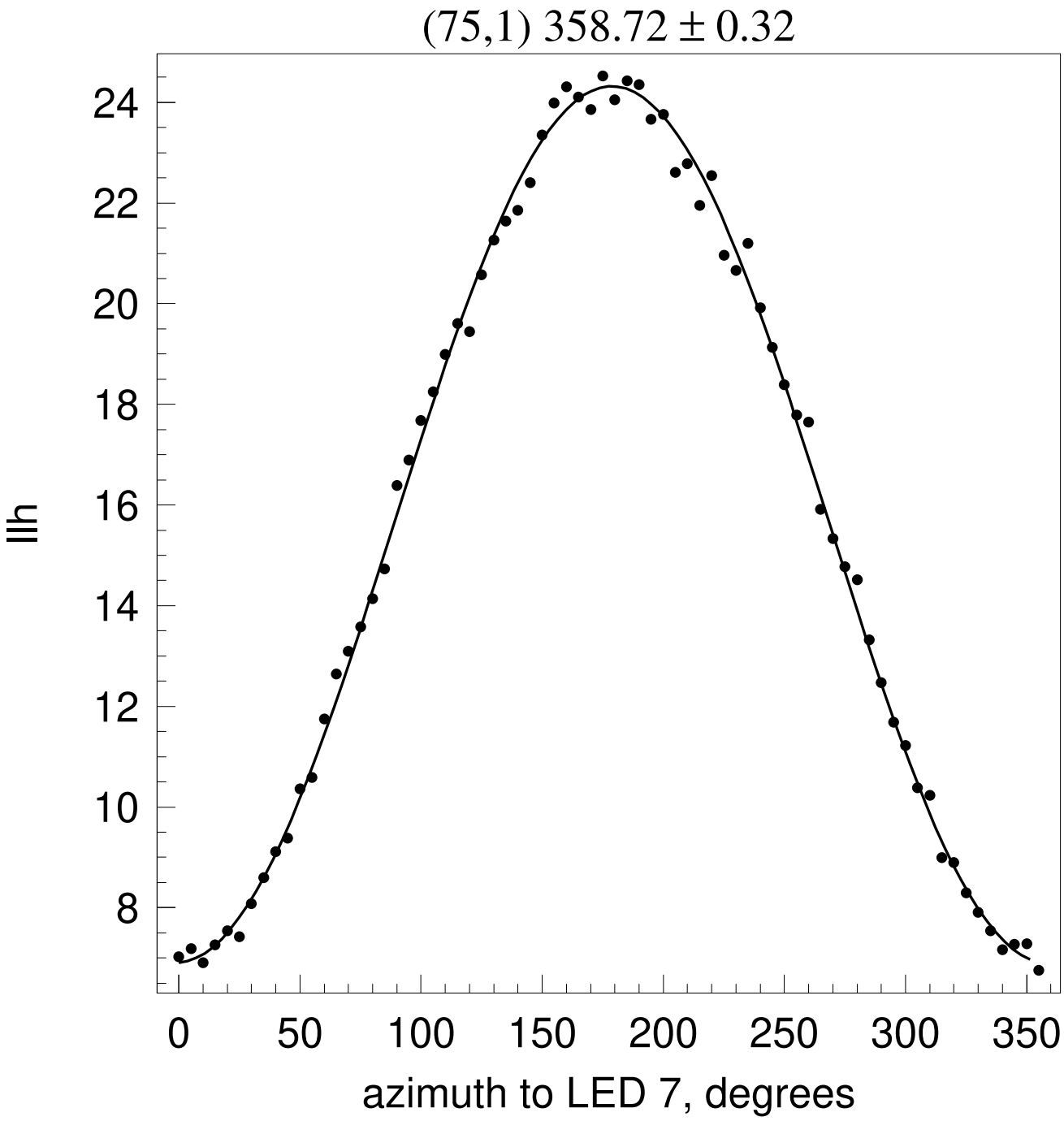

(74,56) 214.07 ± 0.45
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

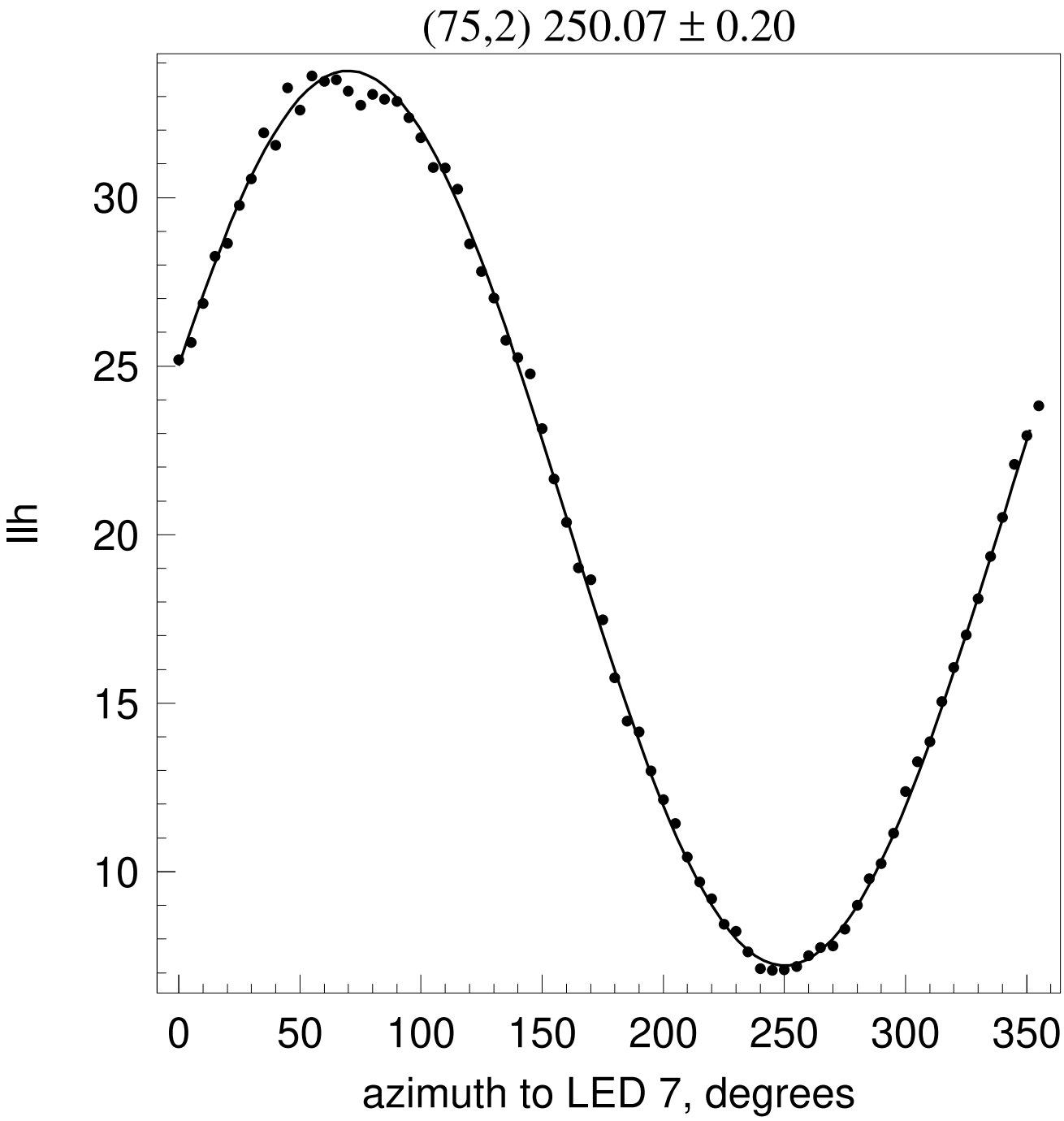

(74,57) 314.39 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

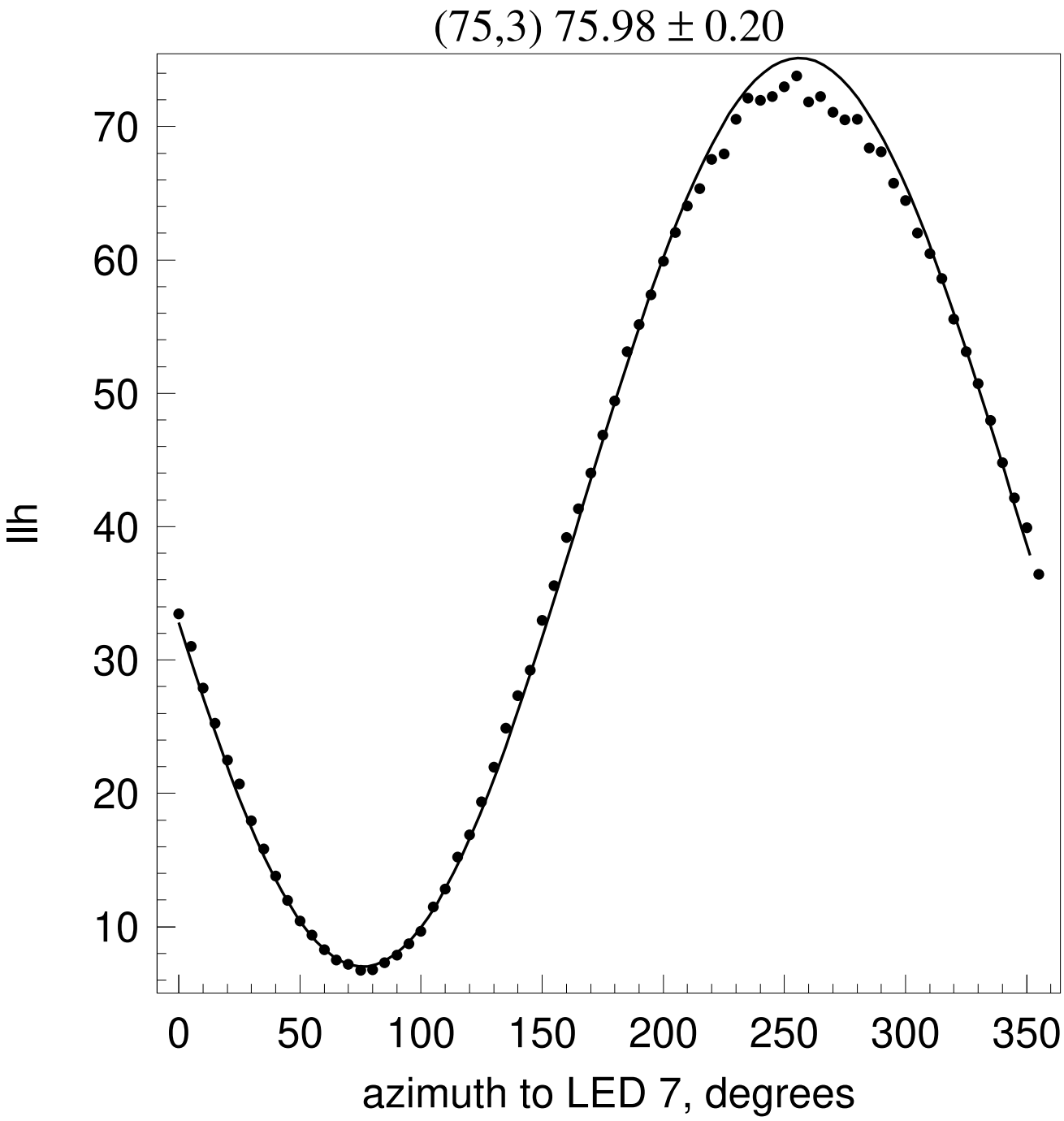

(74,58) 98.61 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

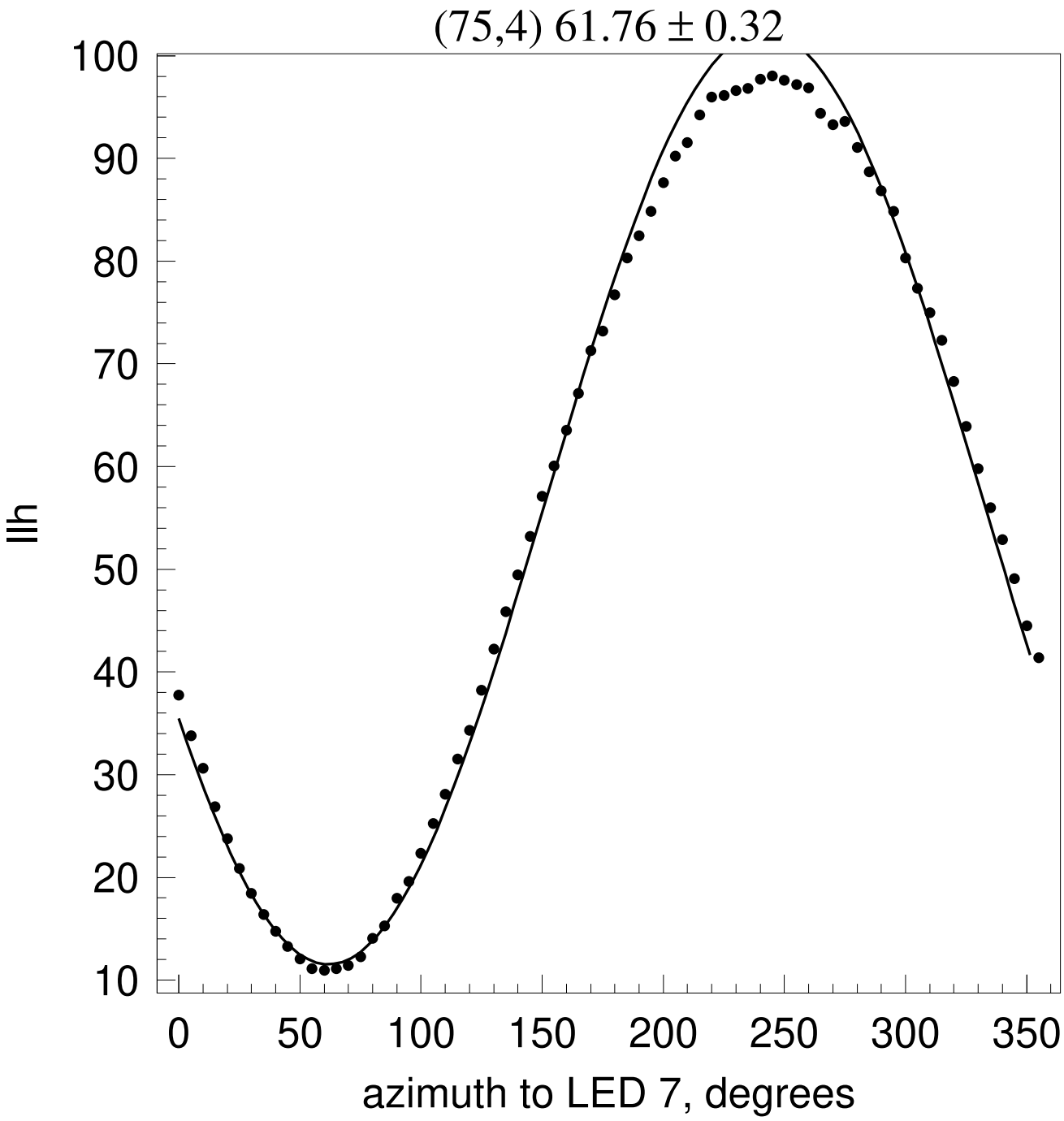

(74,59) 208.63 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

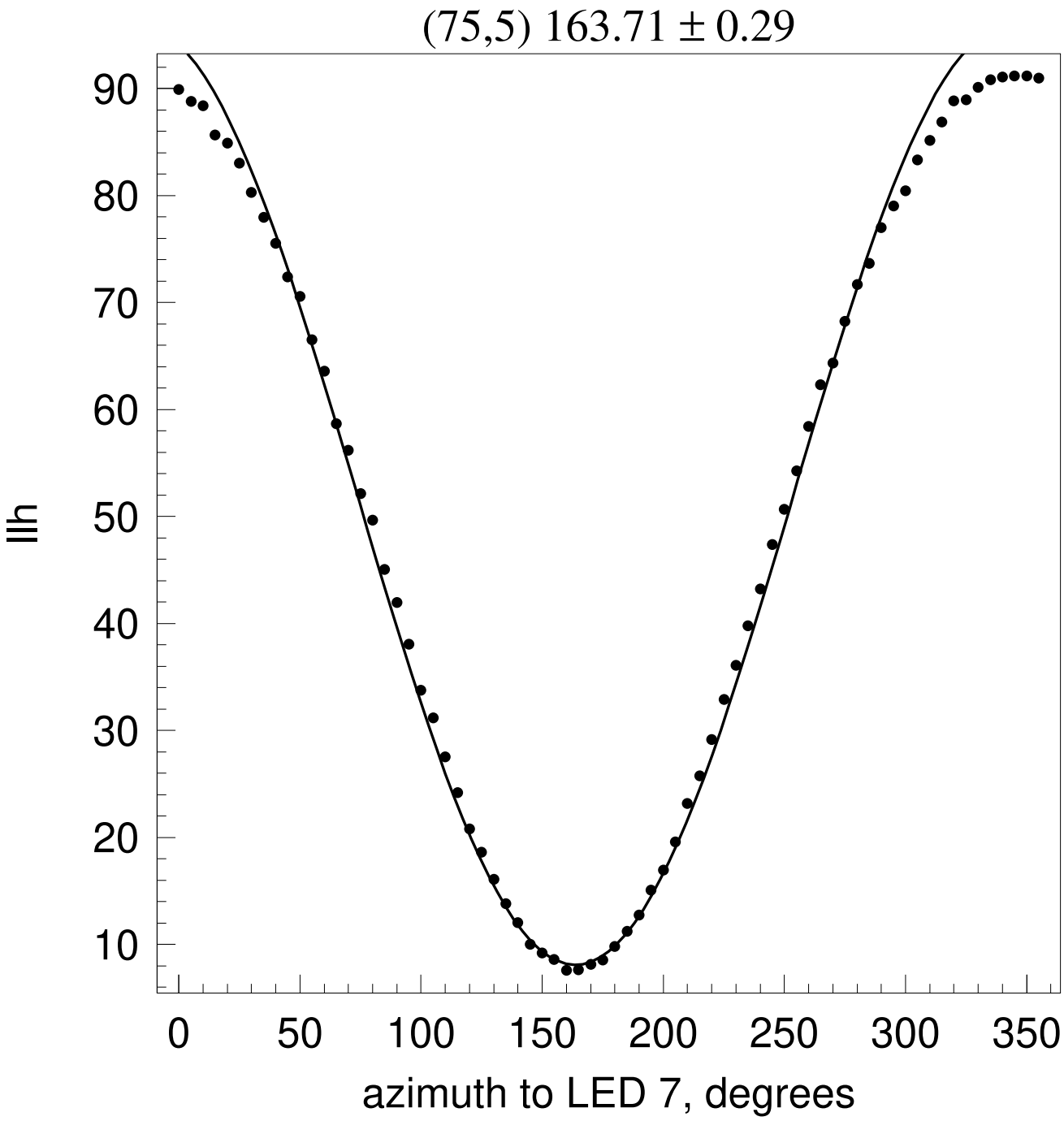

(74,60) 88.65 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

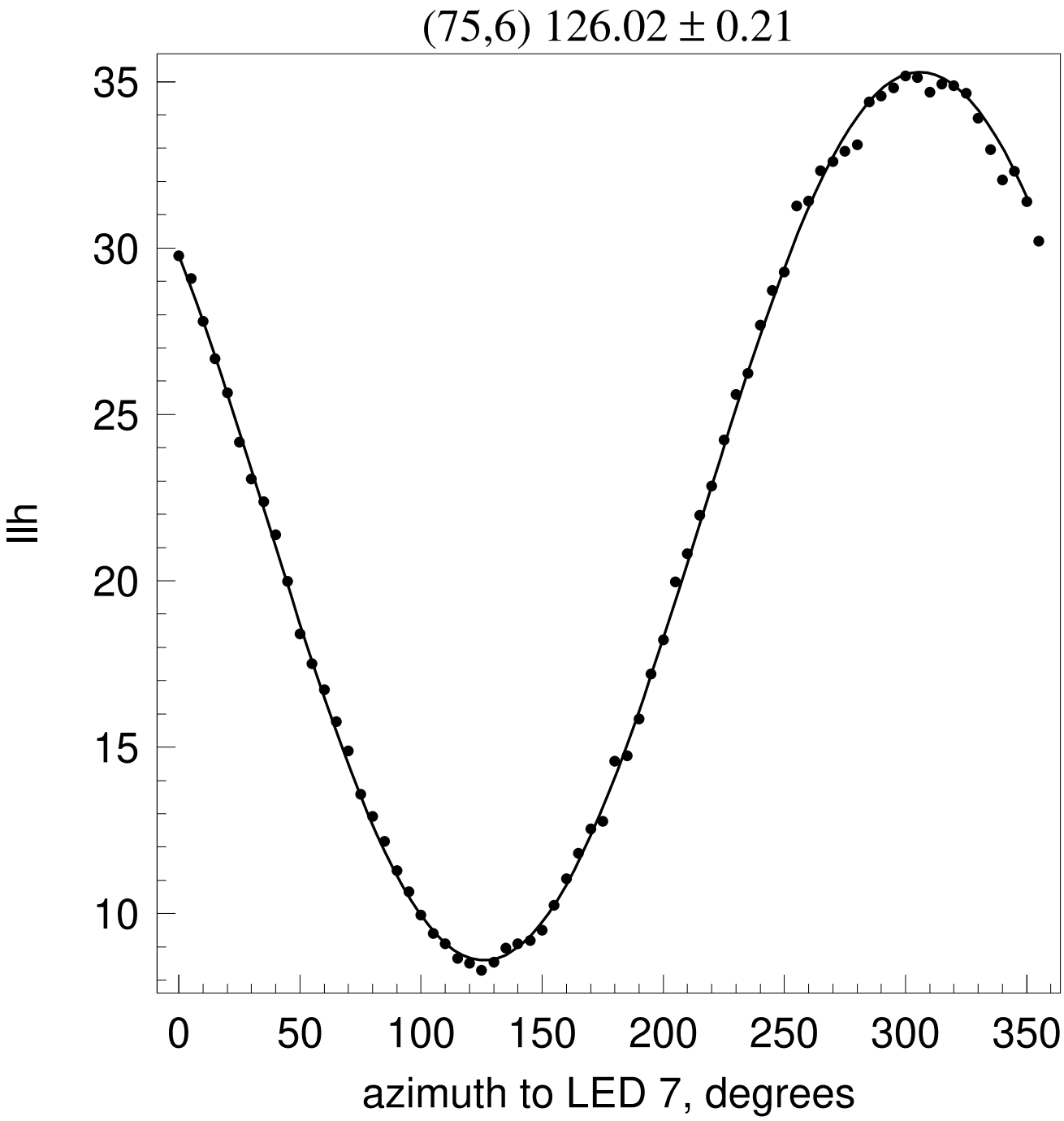

(75,1) 358.72 ± 0.32
24
22
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

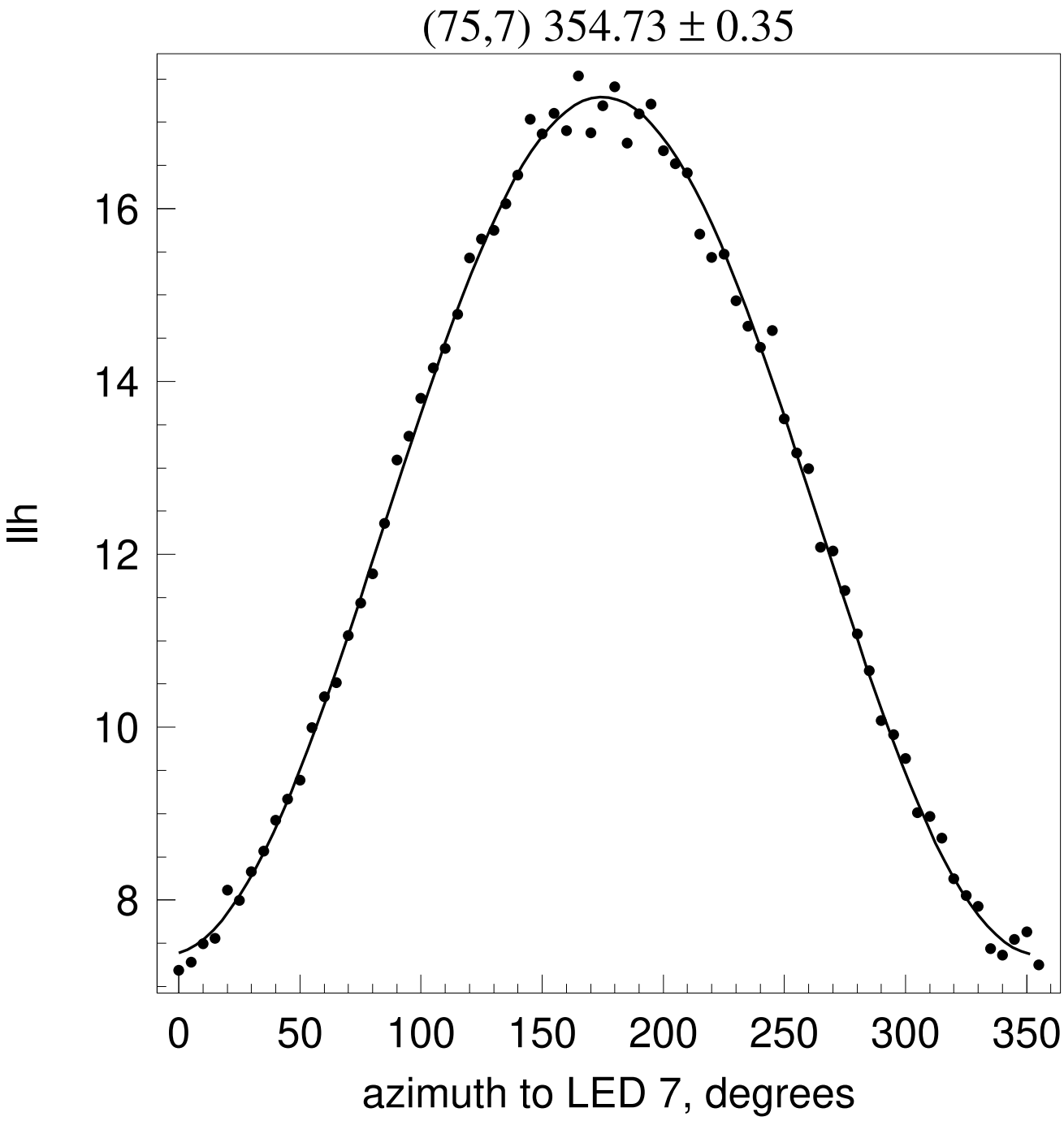

(75,2) 250.07 ± 0.20
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

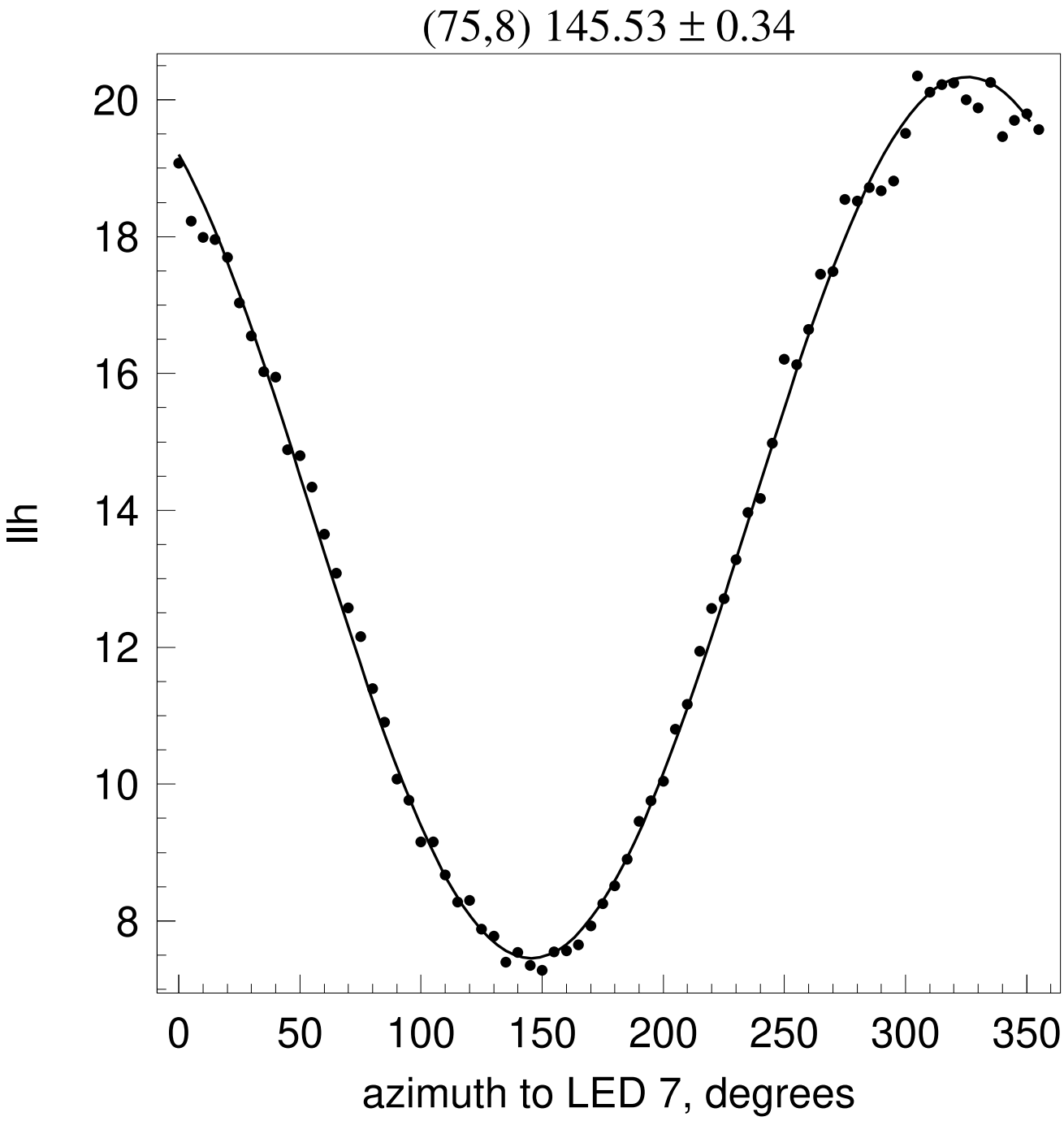

(75,3) 75.98 ± 0.20
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

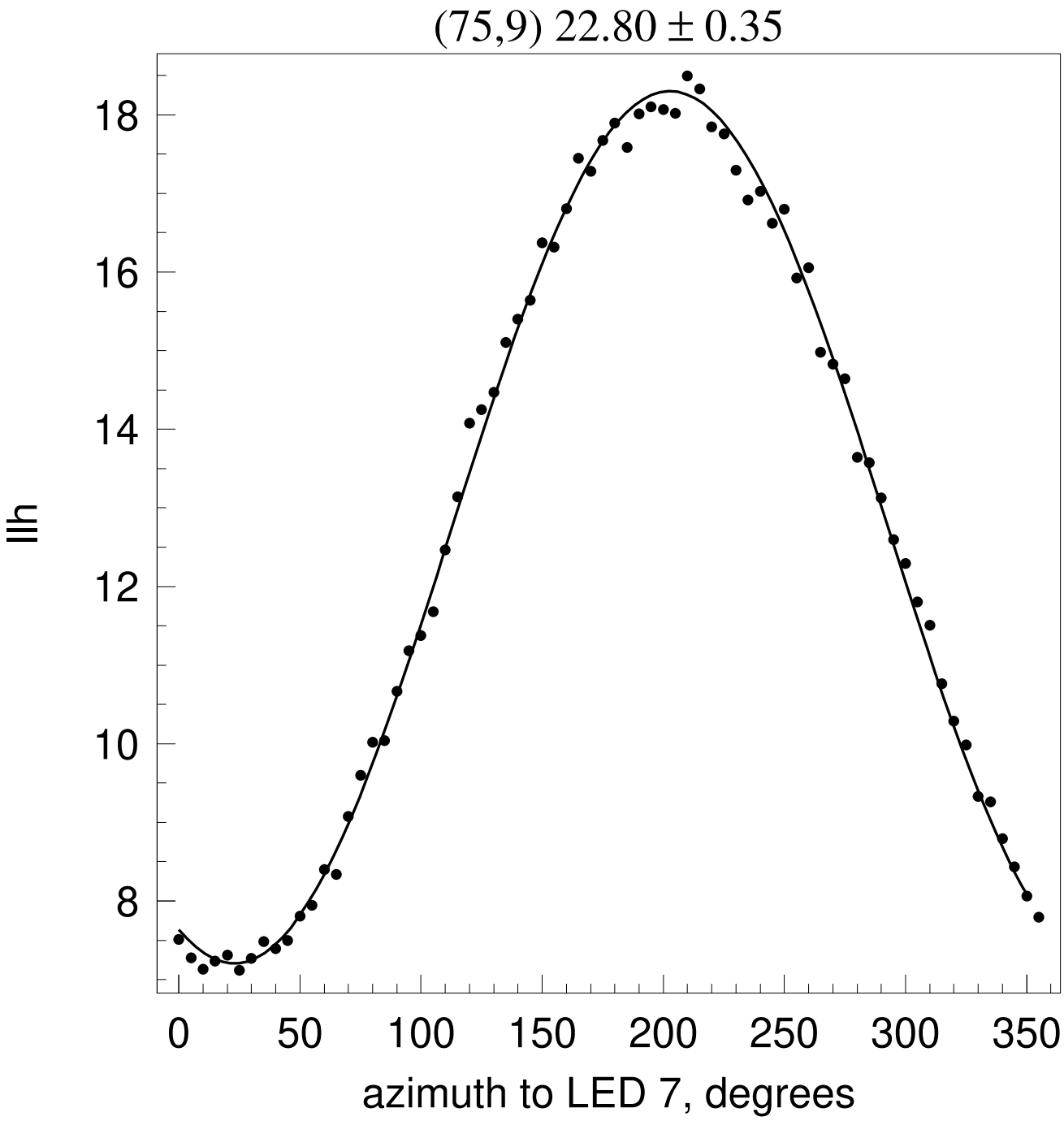

(75,4) 61.76 ± 0.32
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

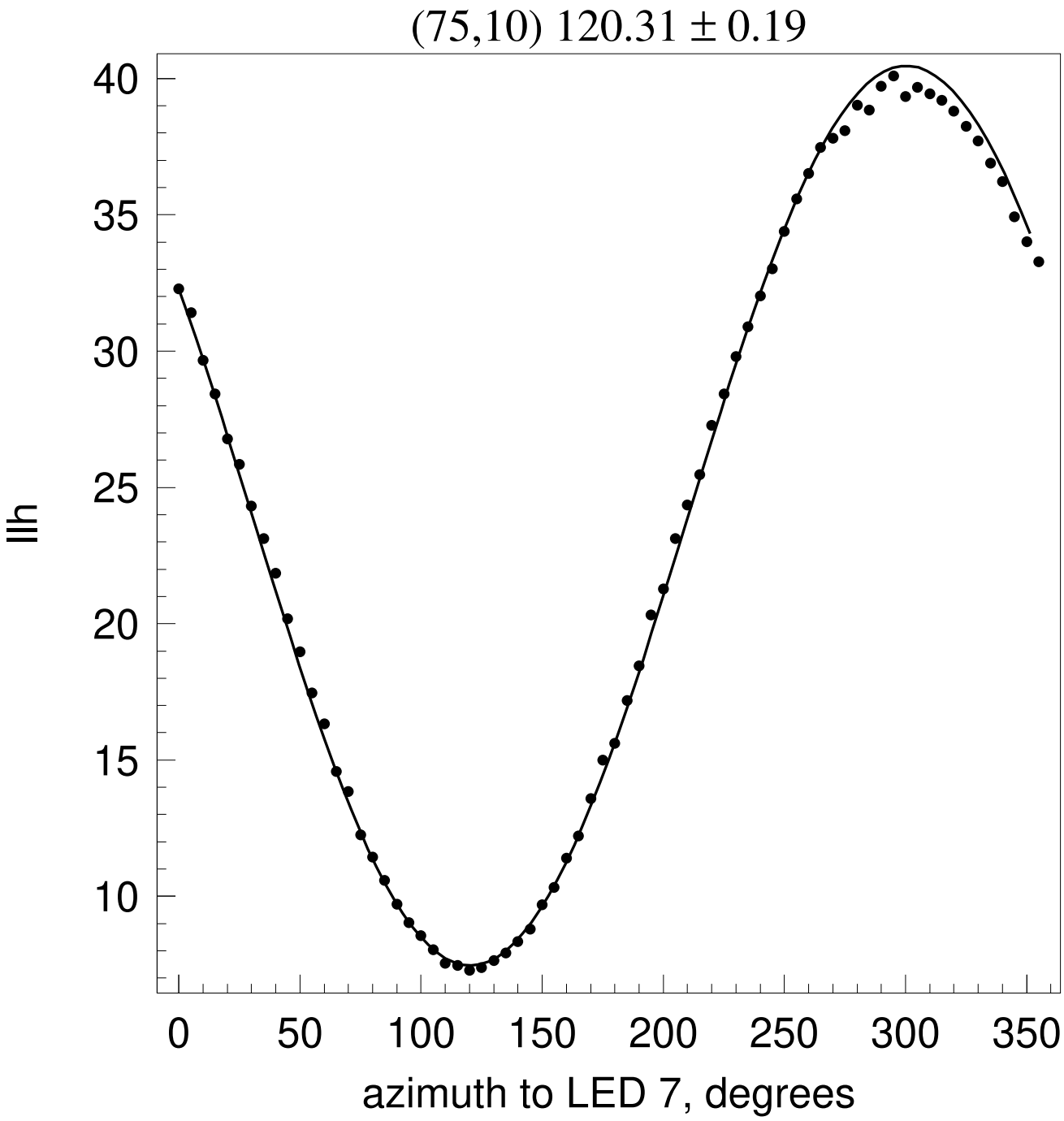

(75,5) 163.71 ± 0.29
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

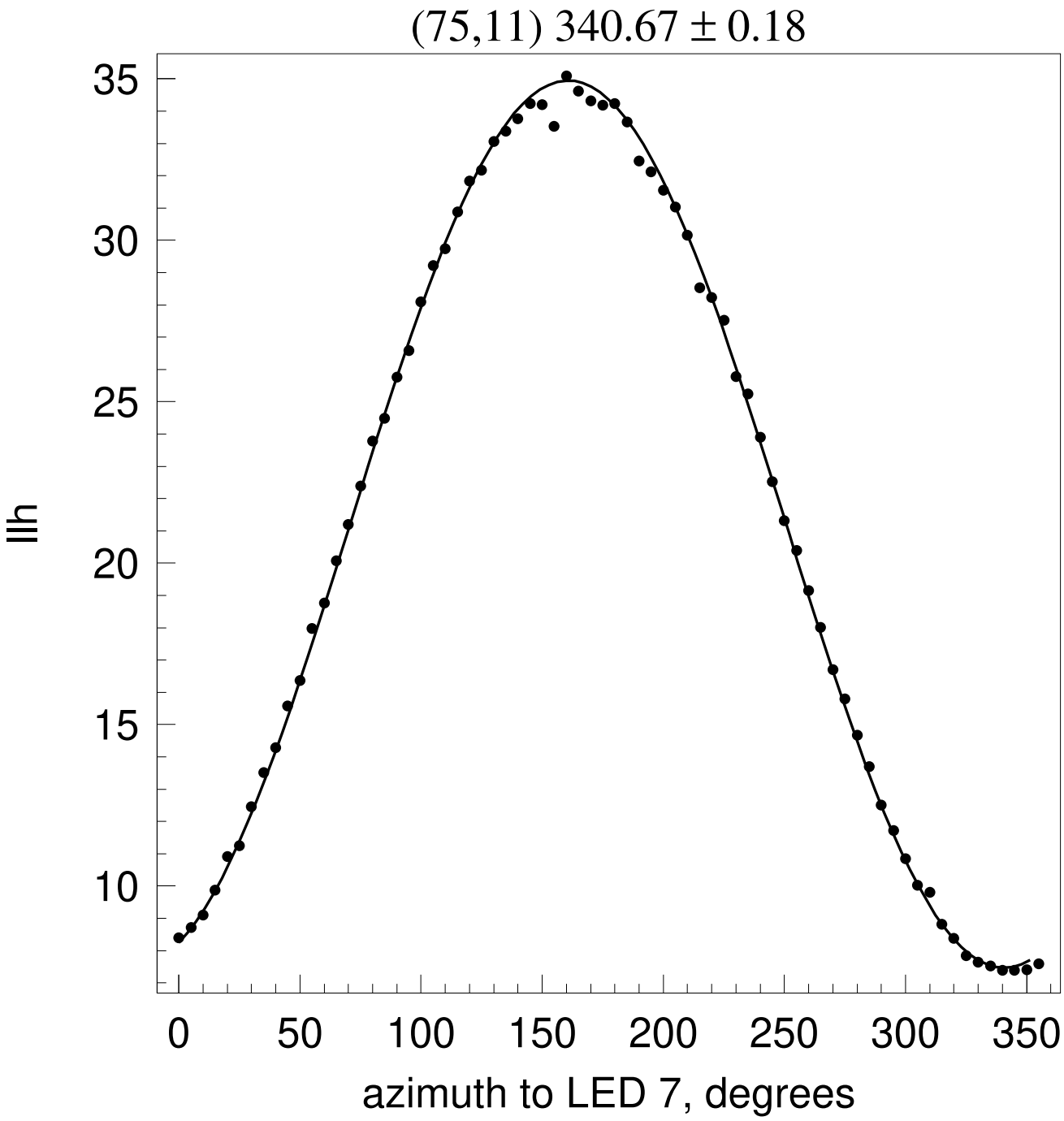

(75,6) 126.02 ± 0.21
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

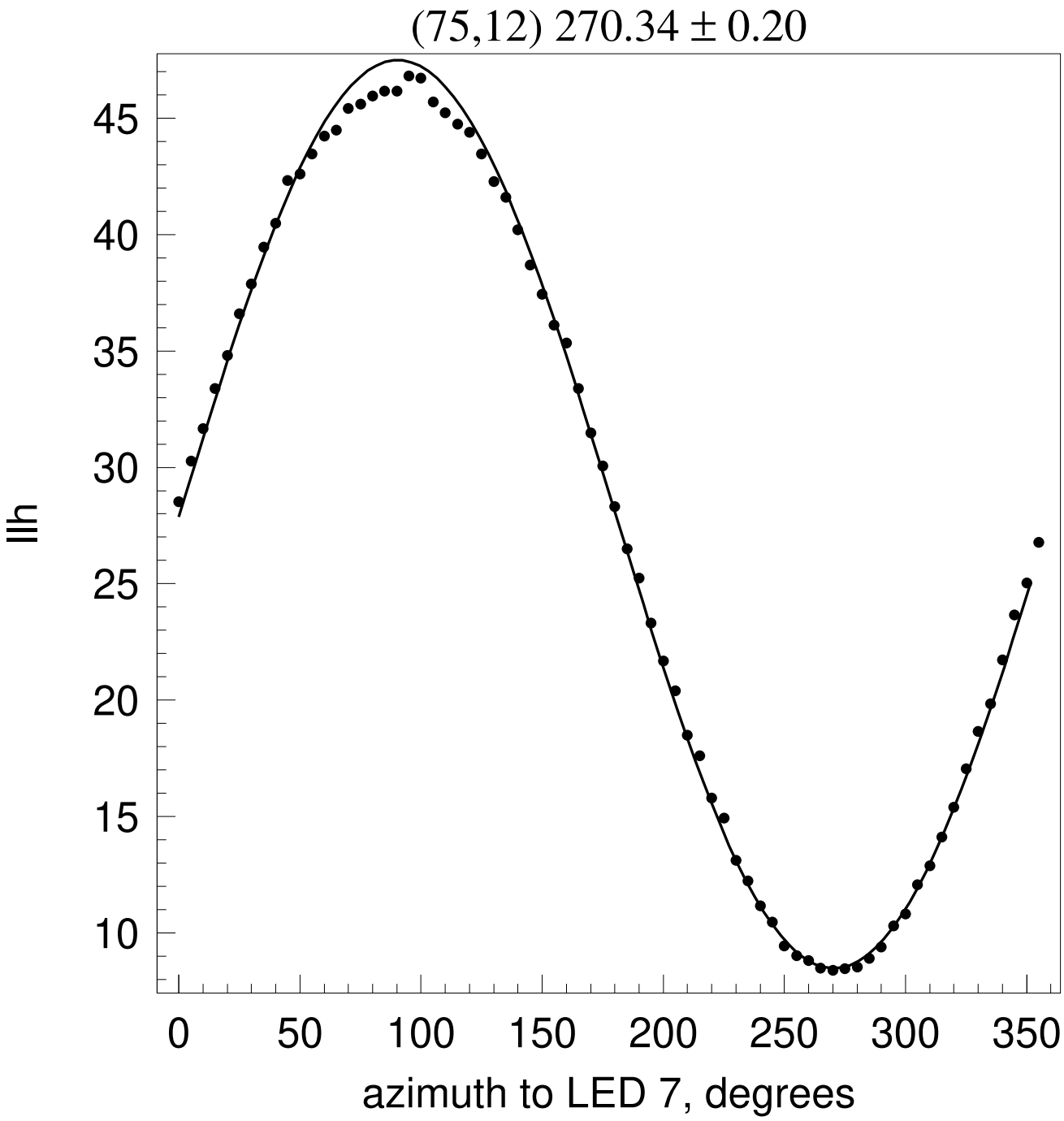

(75,7) 354.73 ± 0.35
llh
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

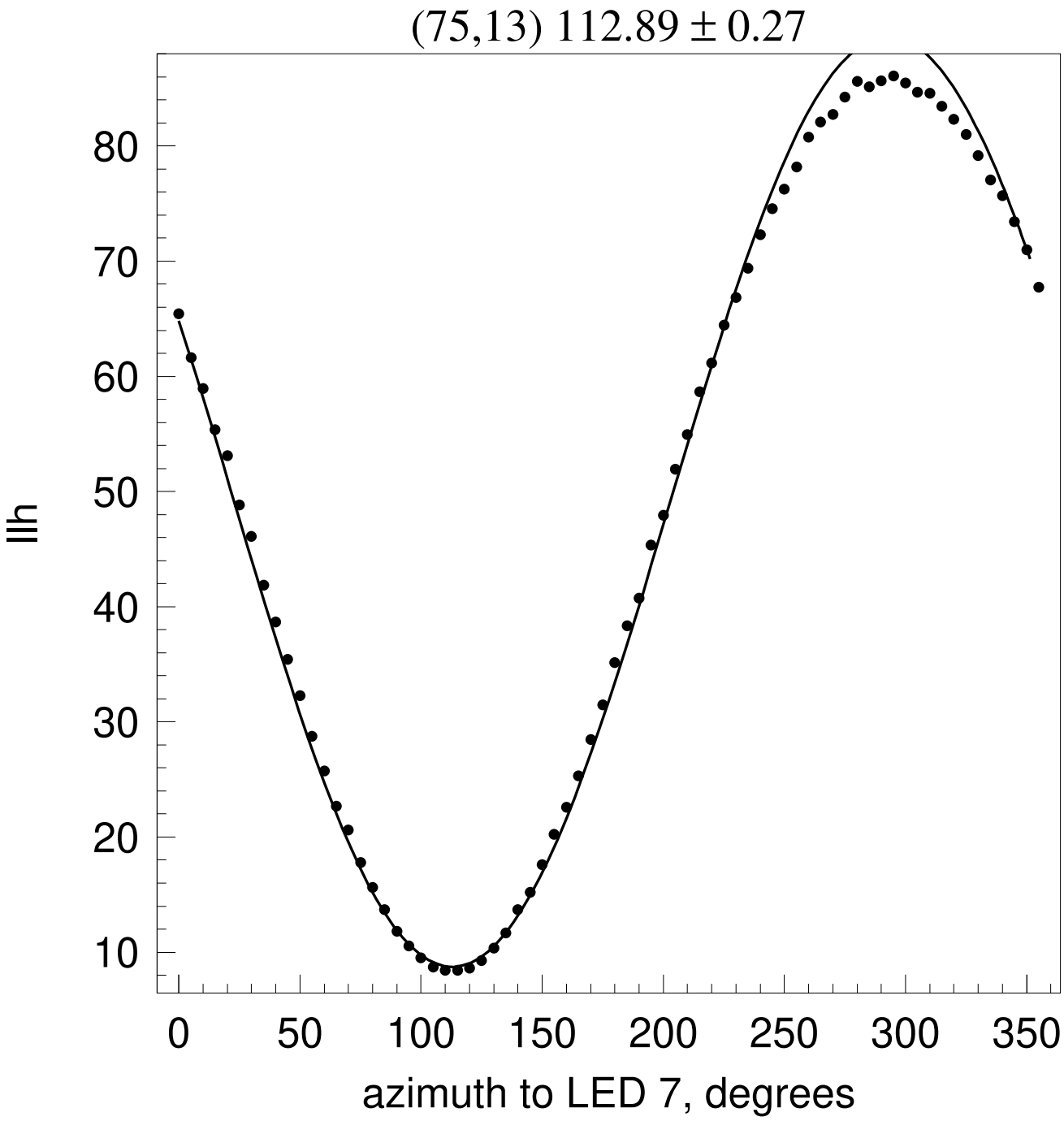

(75,8) 145.53 ± 0.34
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

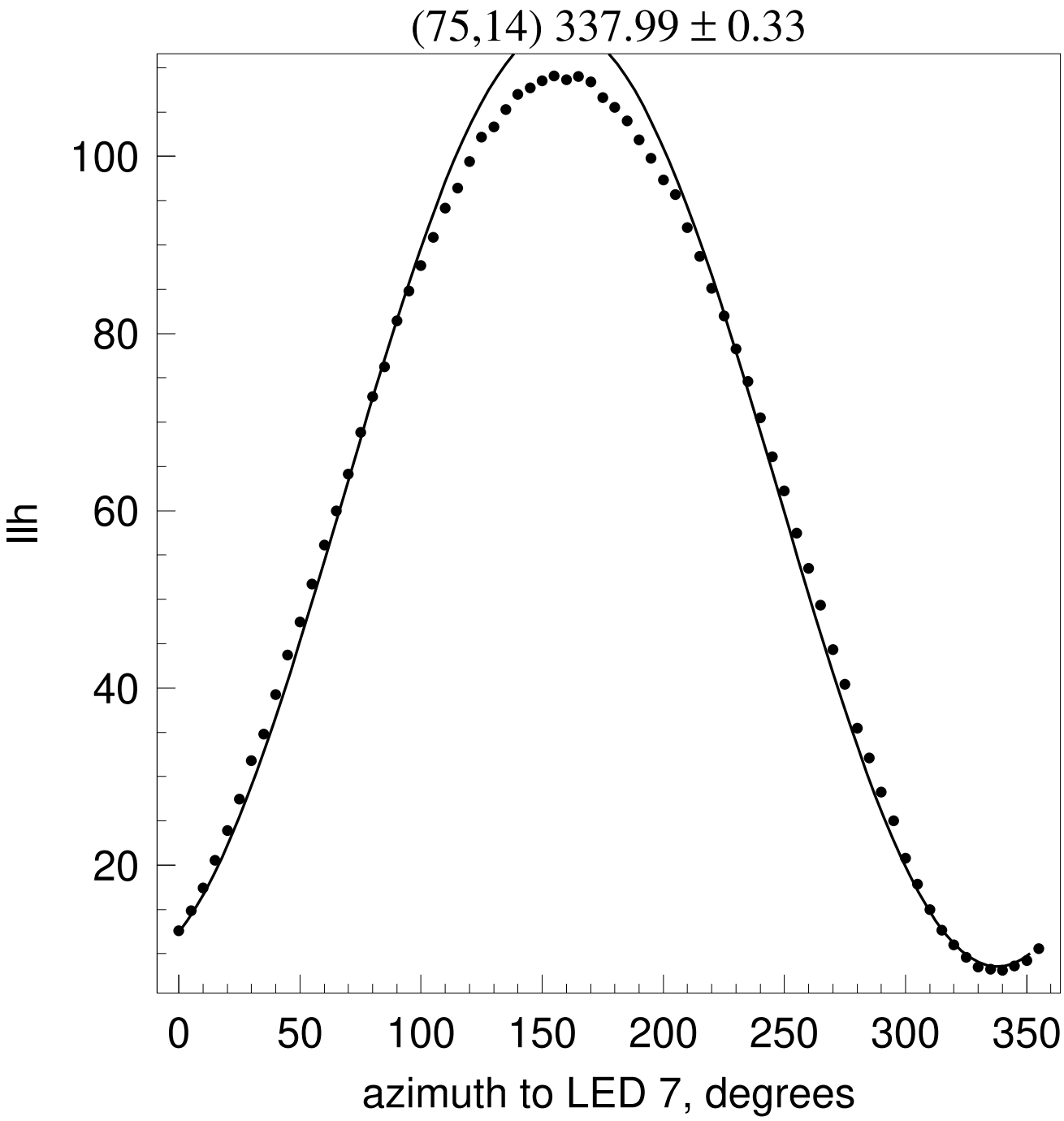

(75,9) 22.80 ± 0.35
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

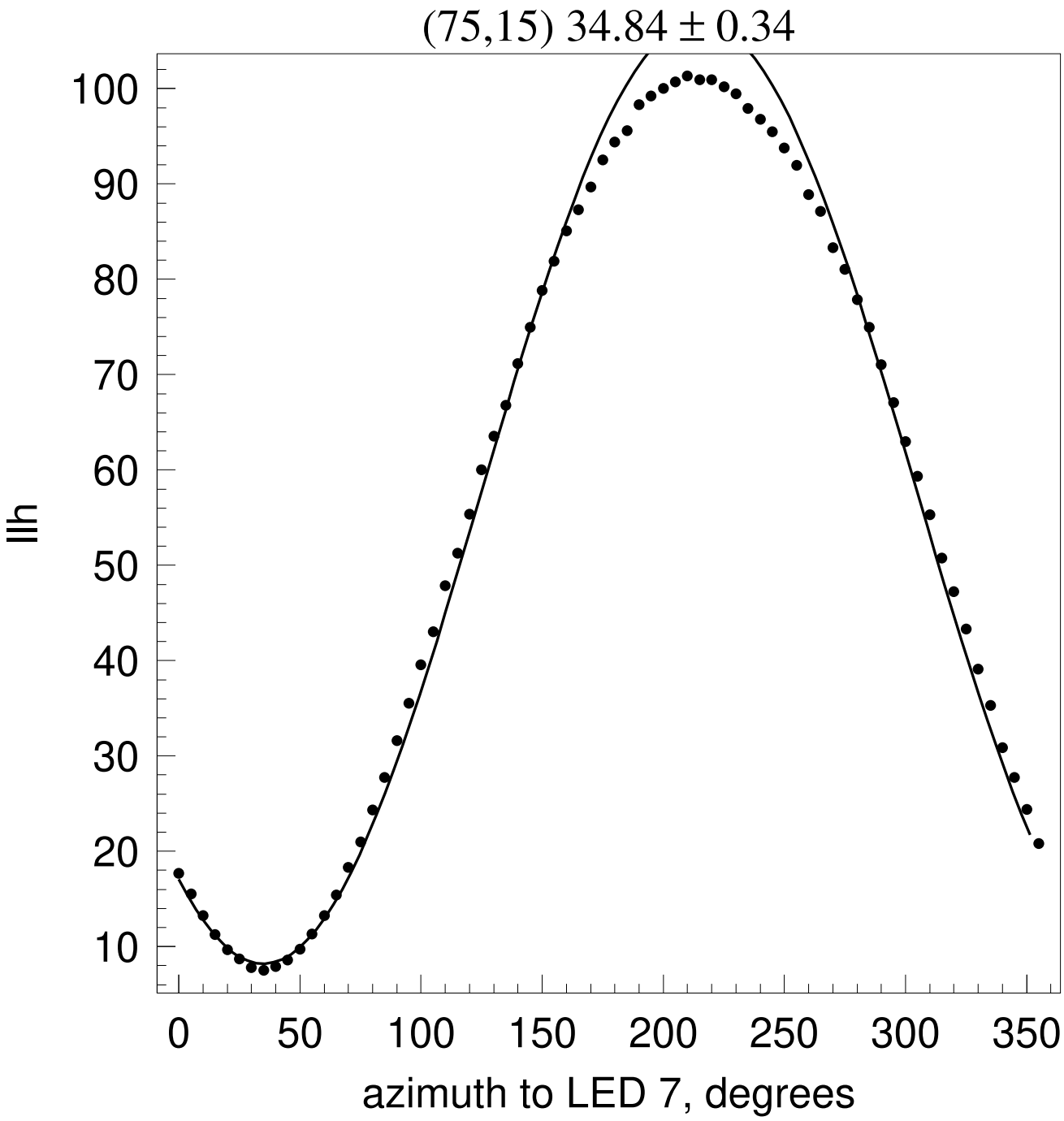

(75,10) 120.31 ± 0.19
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

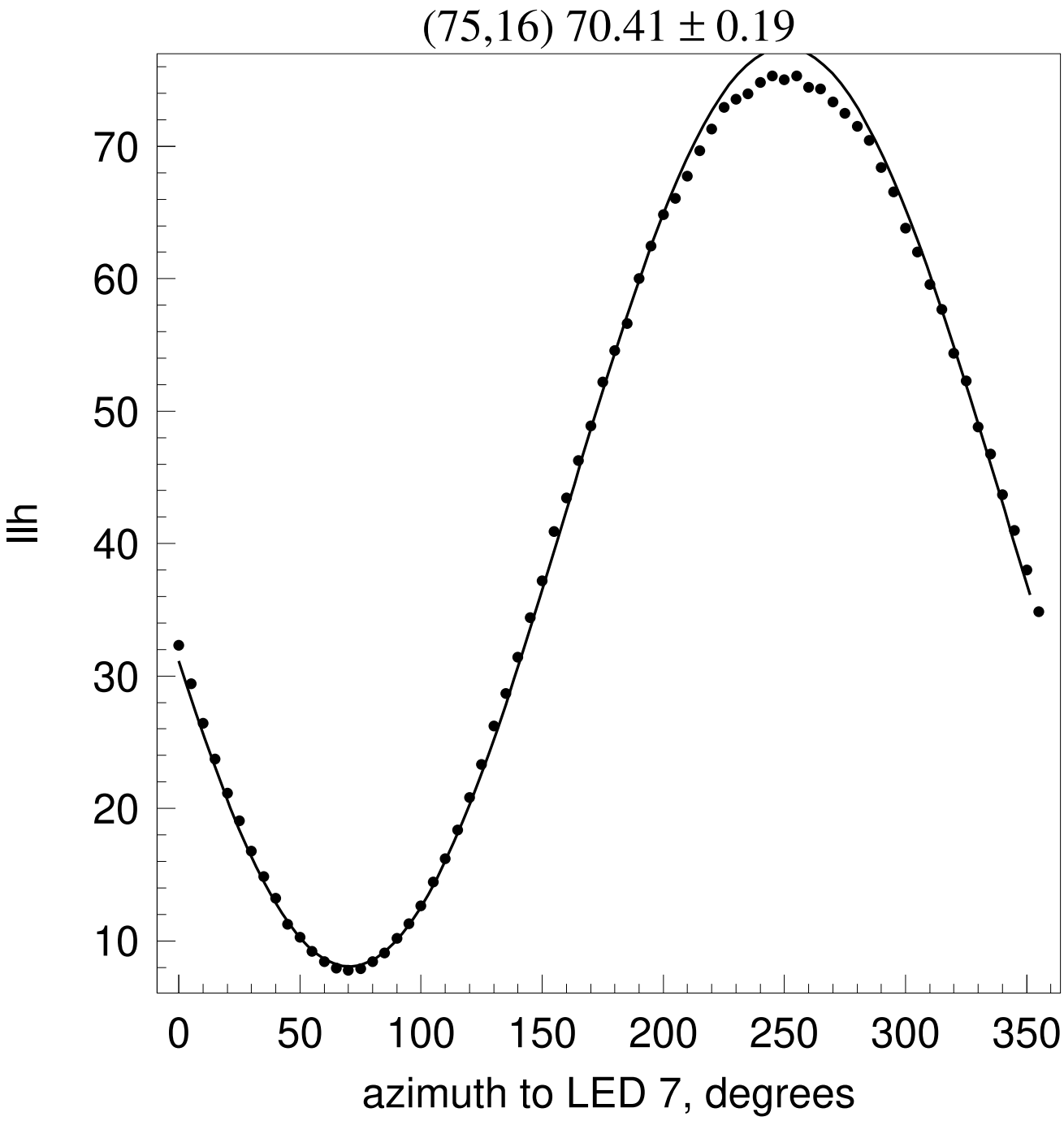

(75,11) 340.67 ± 0.18
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

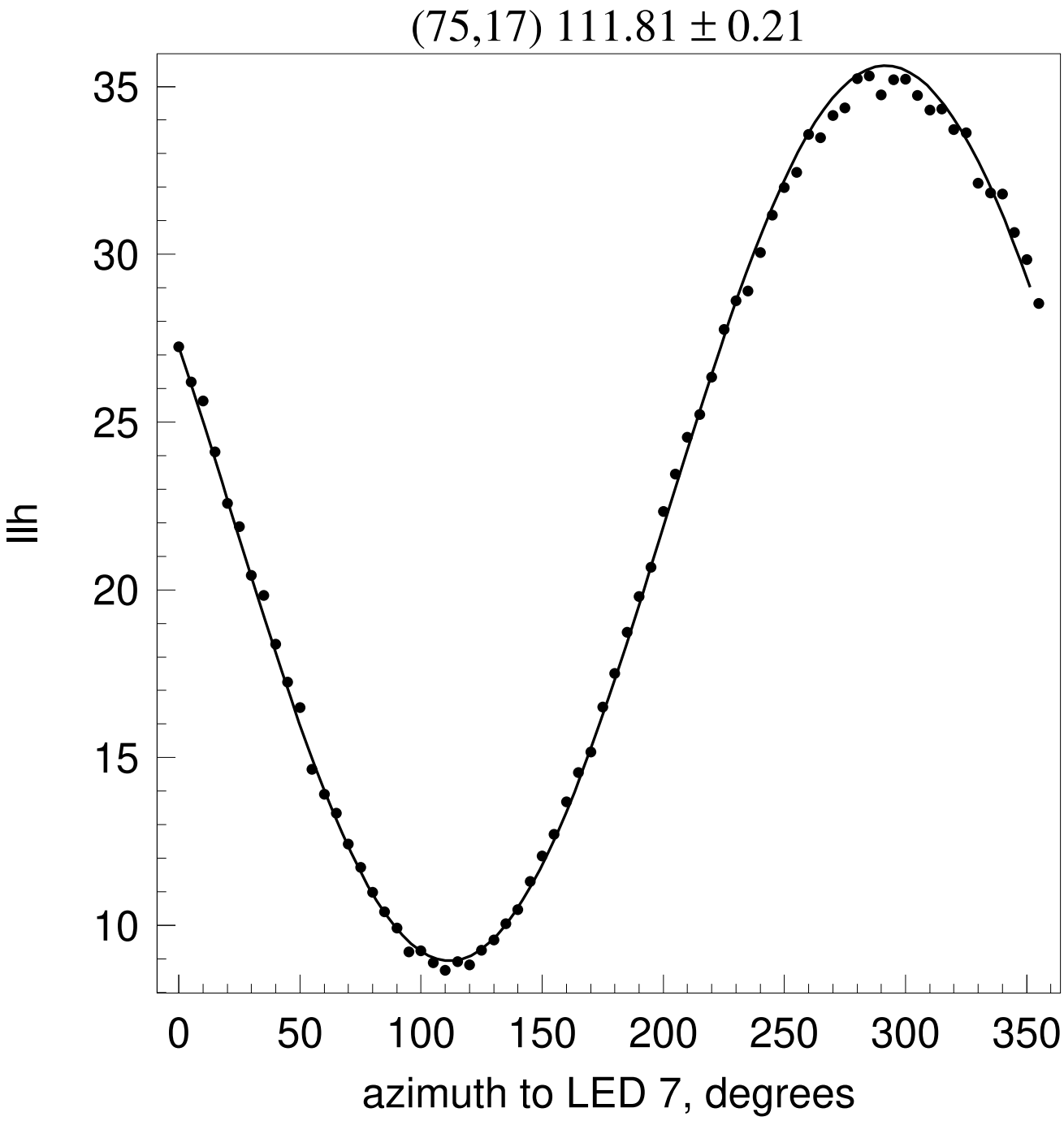

(75,12) 270.34 ± 0.20
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

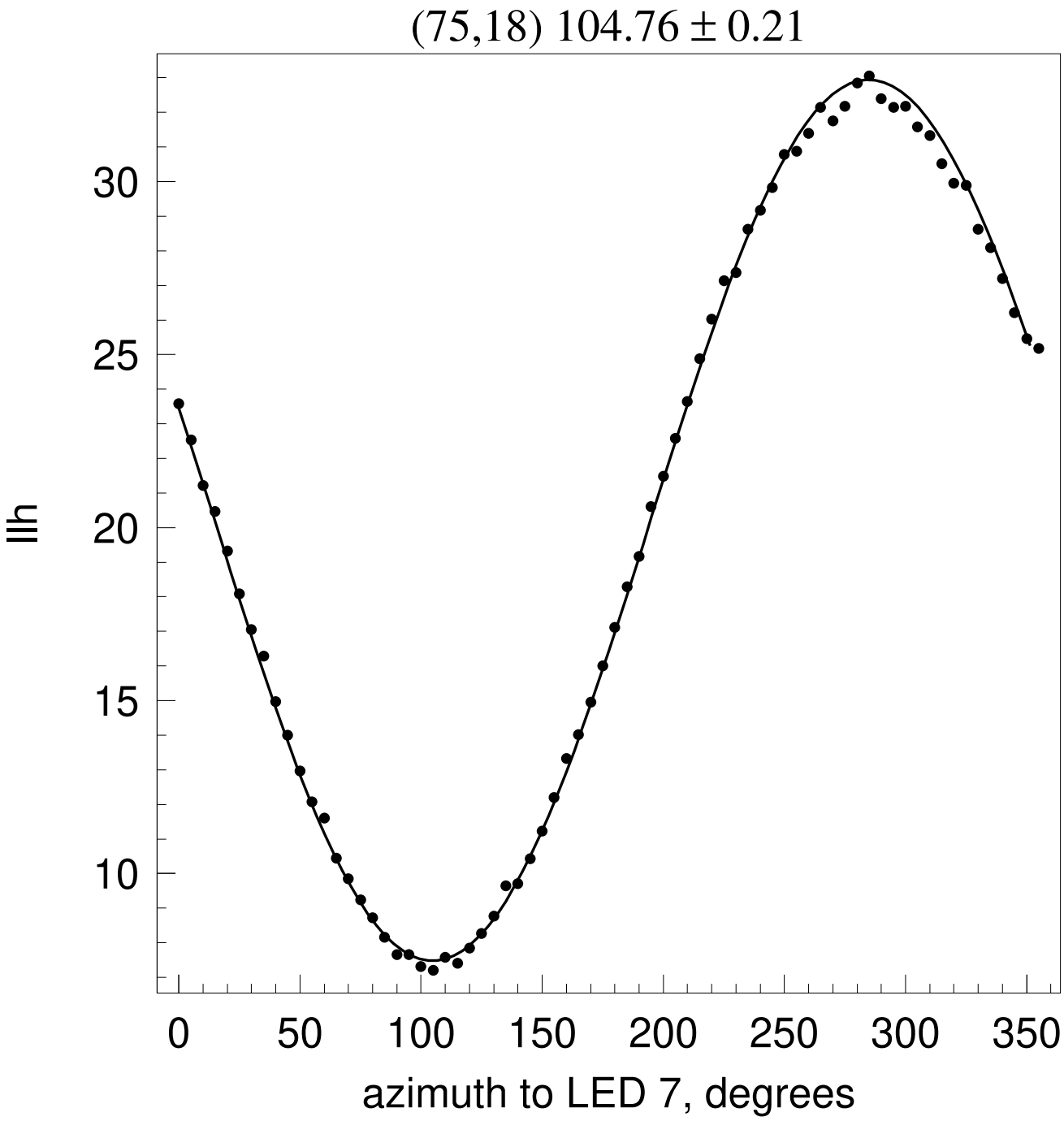

(75,13) 112.89 ± 0.27
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

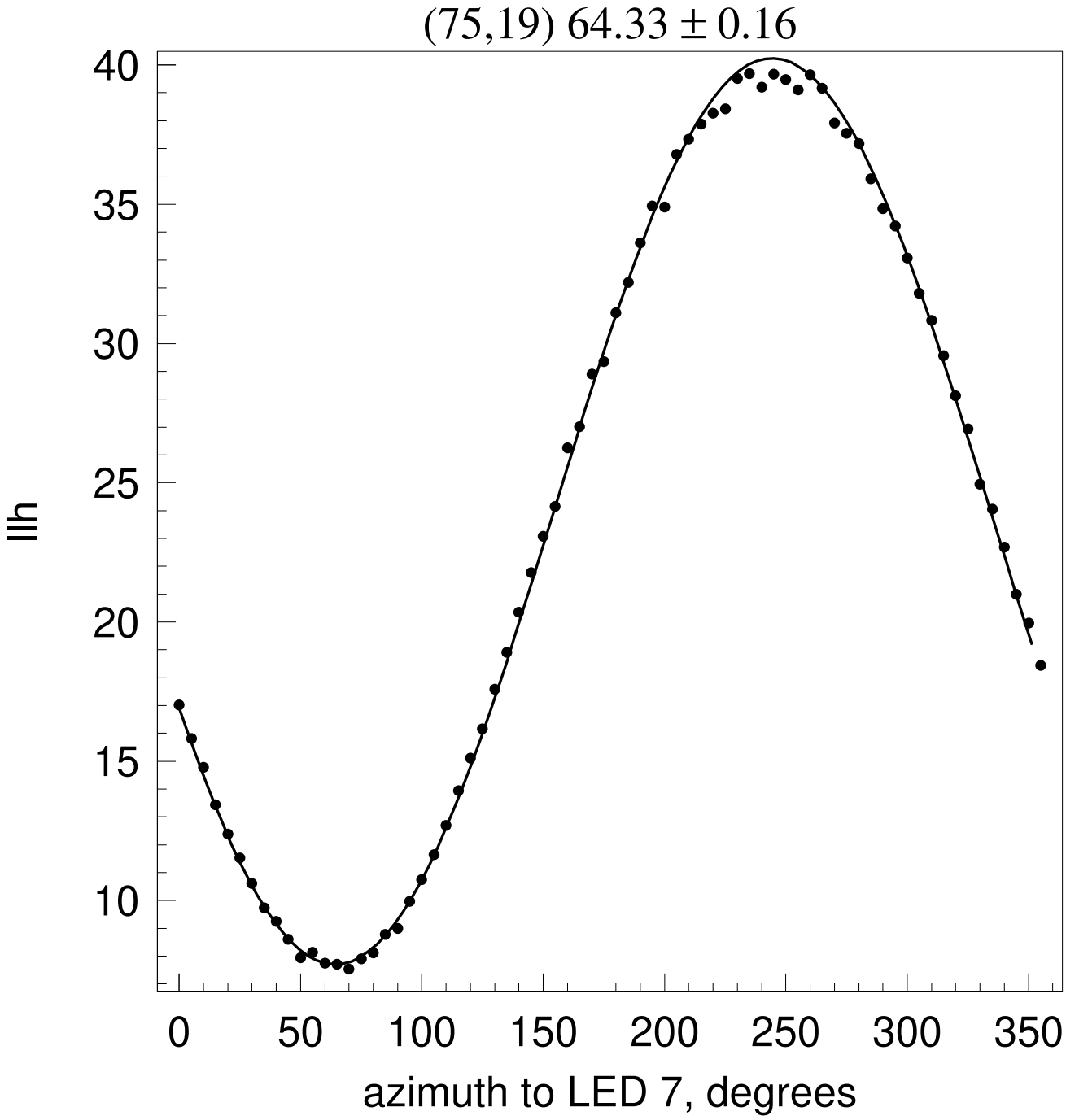

(75,14) 337.99 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

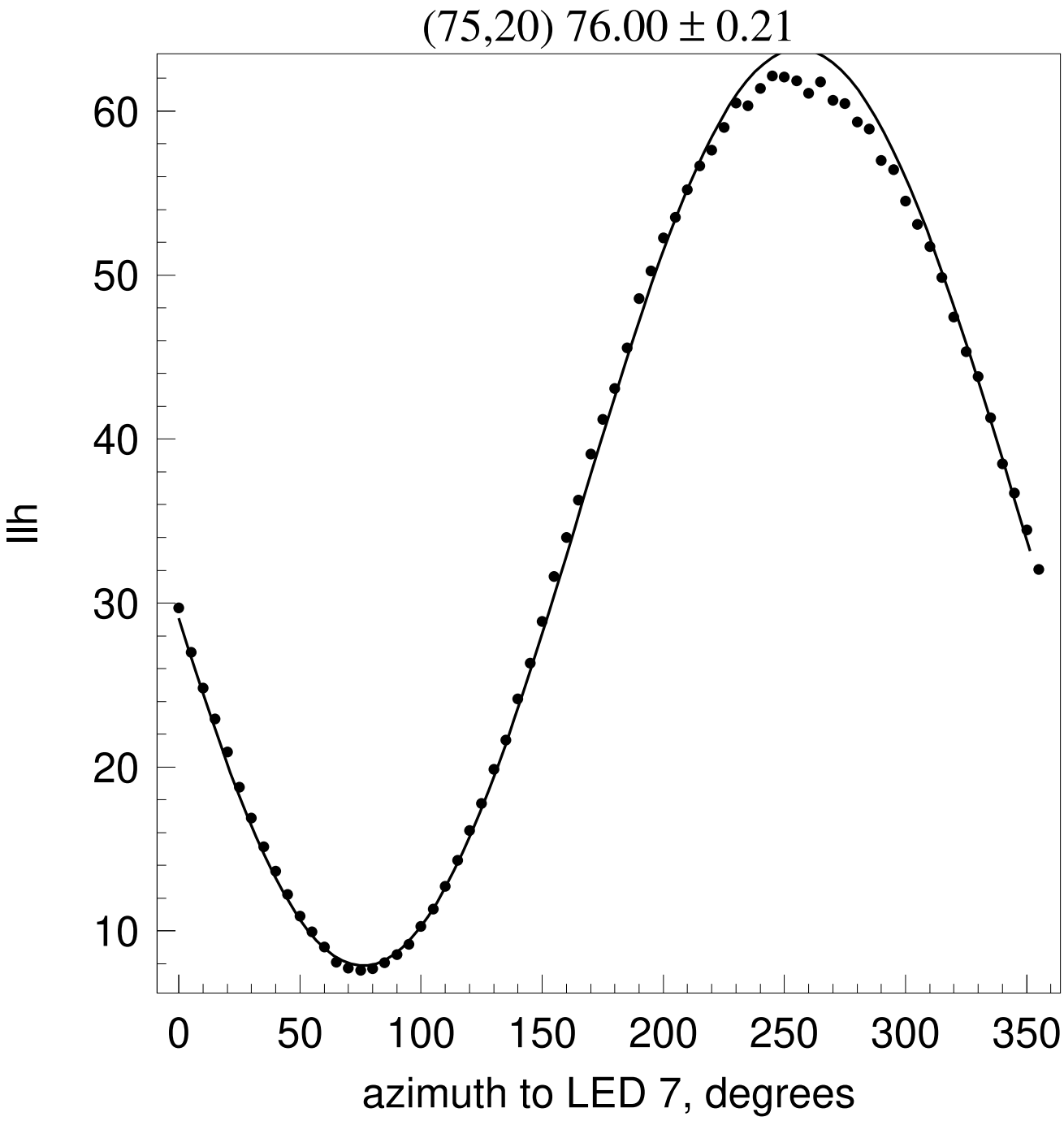

(75,15) 34.84 ± 0.34
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

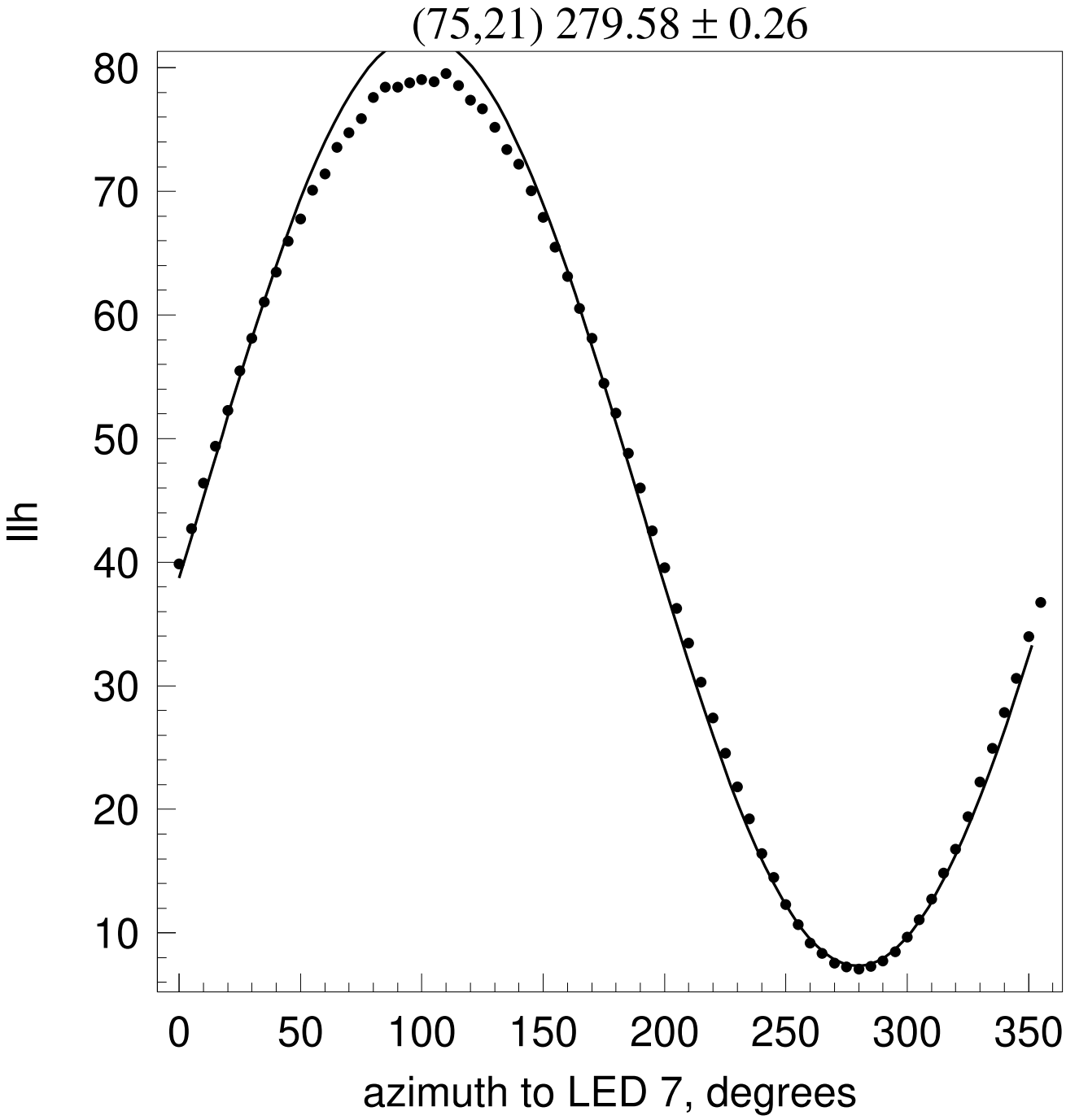

(75,16) 70.41 ± 0.19
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

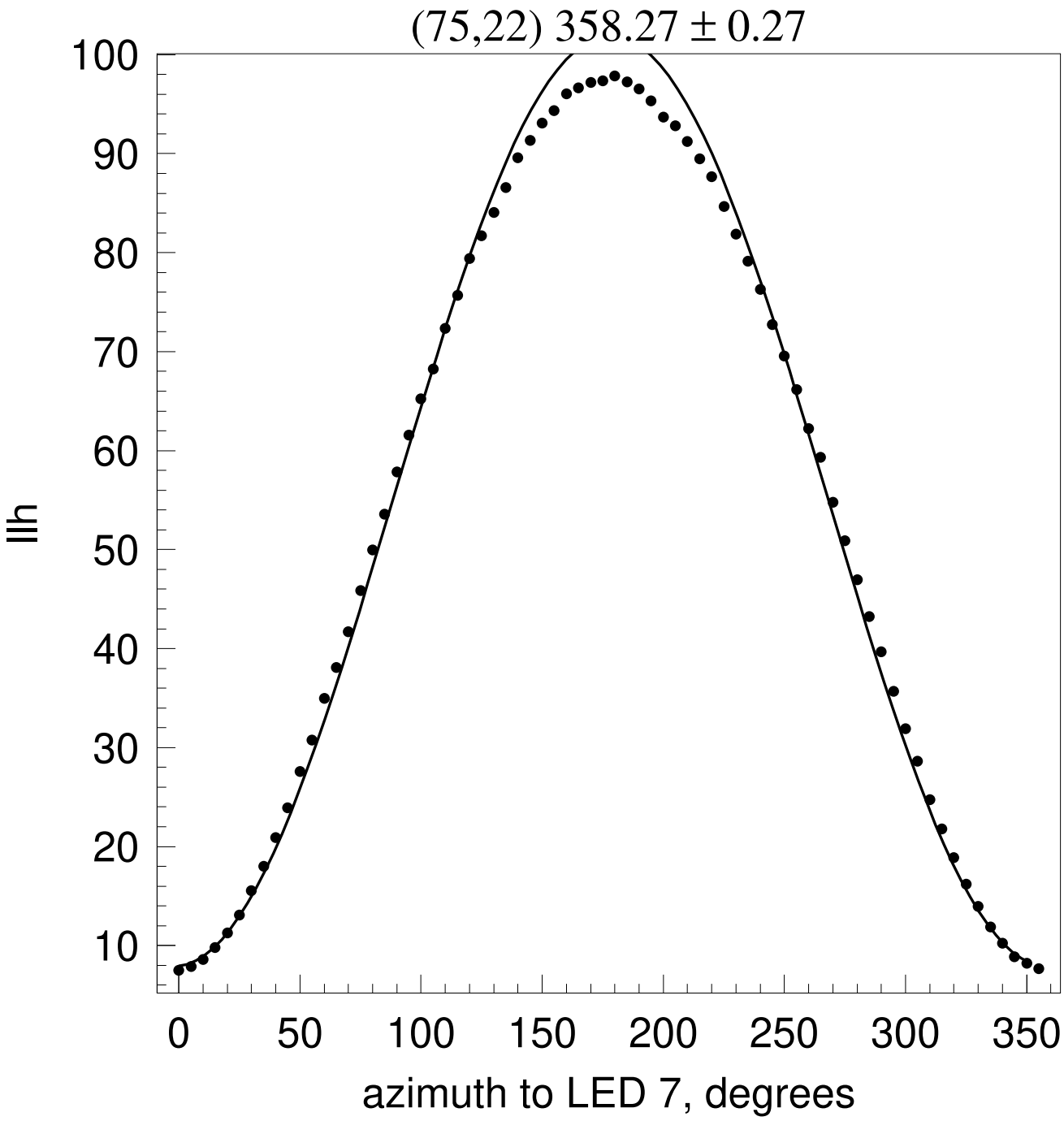

(75,17) 111.81 ± 0.21
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

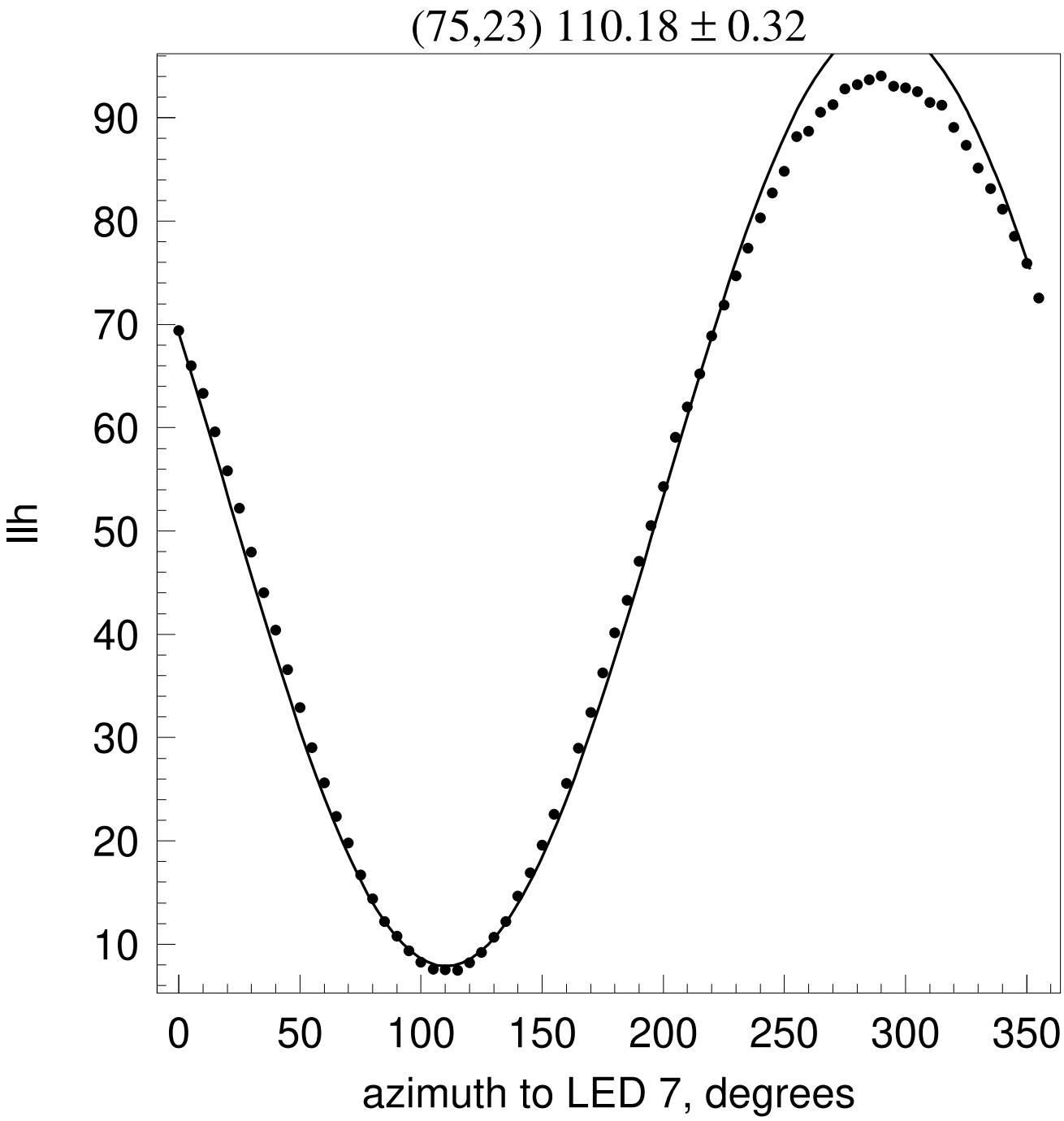

(75,18) 104.76 ± 0.21
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

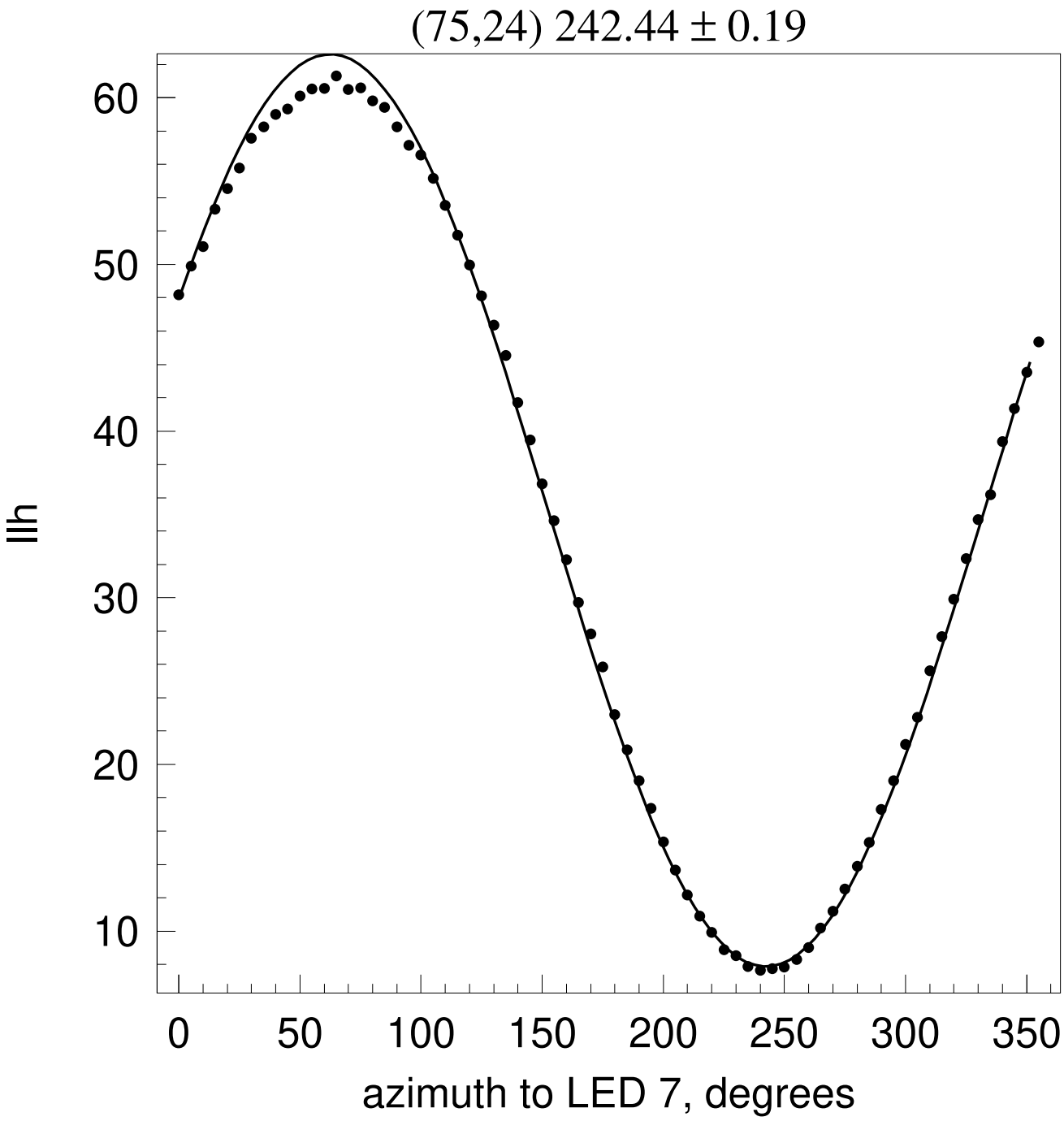

(75,19) 64.33 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

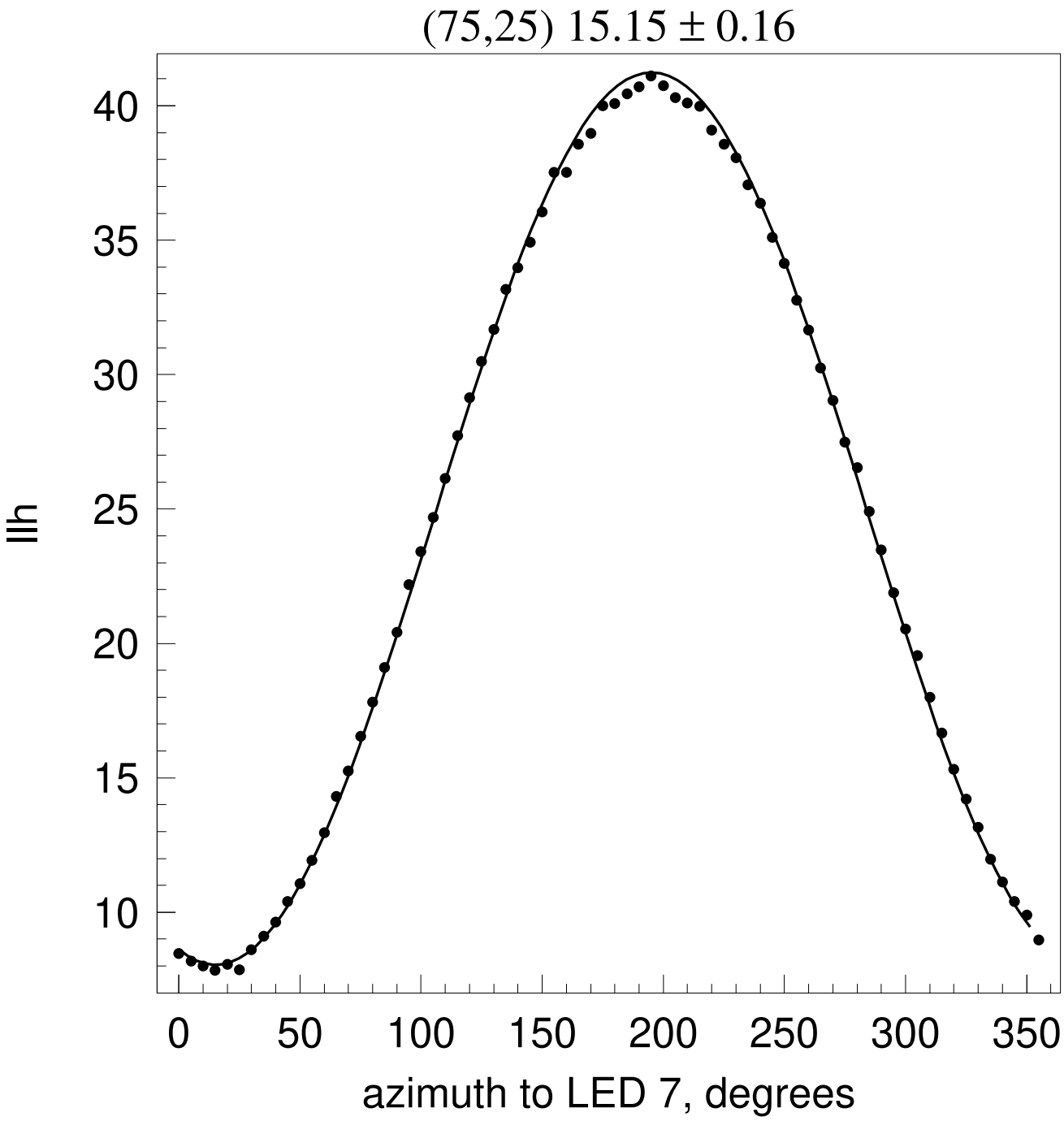

(75,20) 76.00 ± 0.21
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

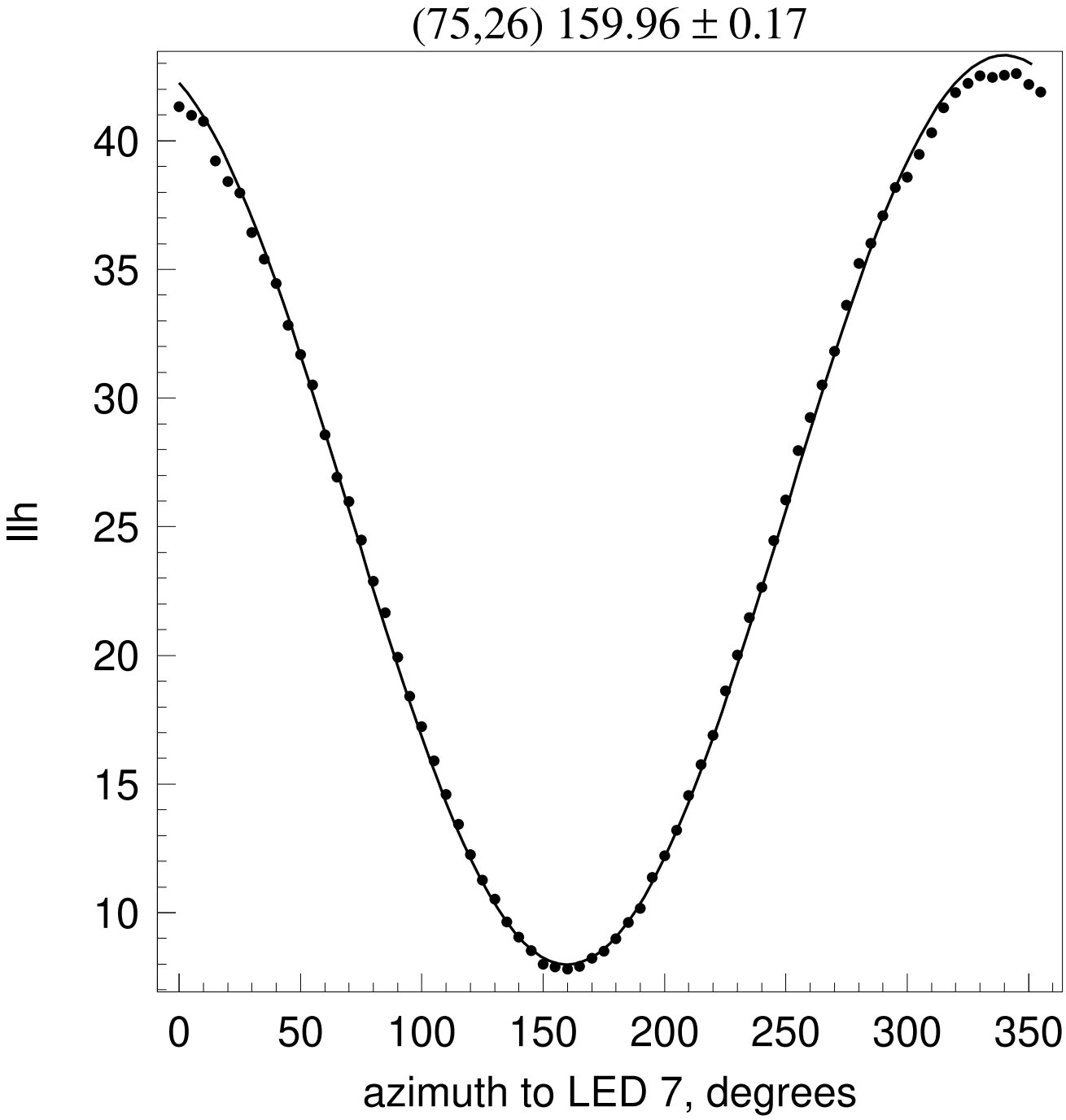

(75,21) 279.58 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

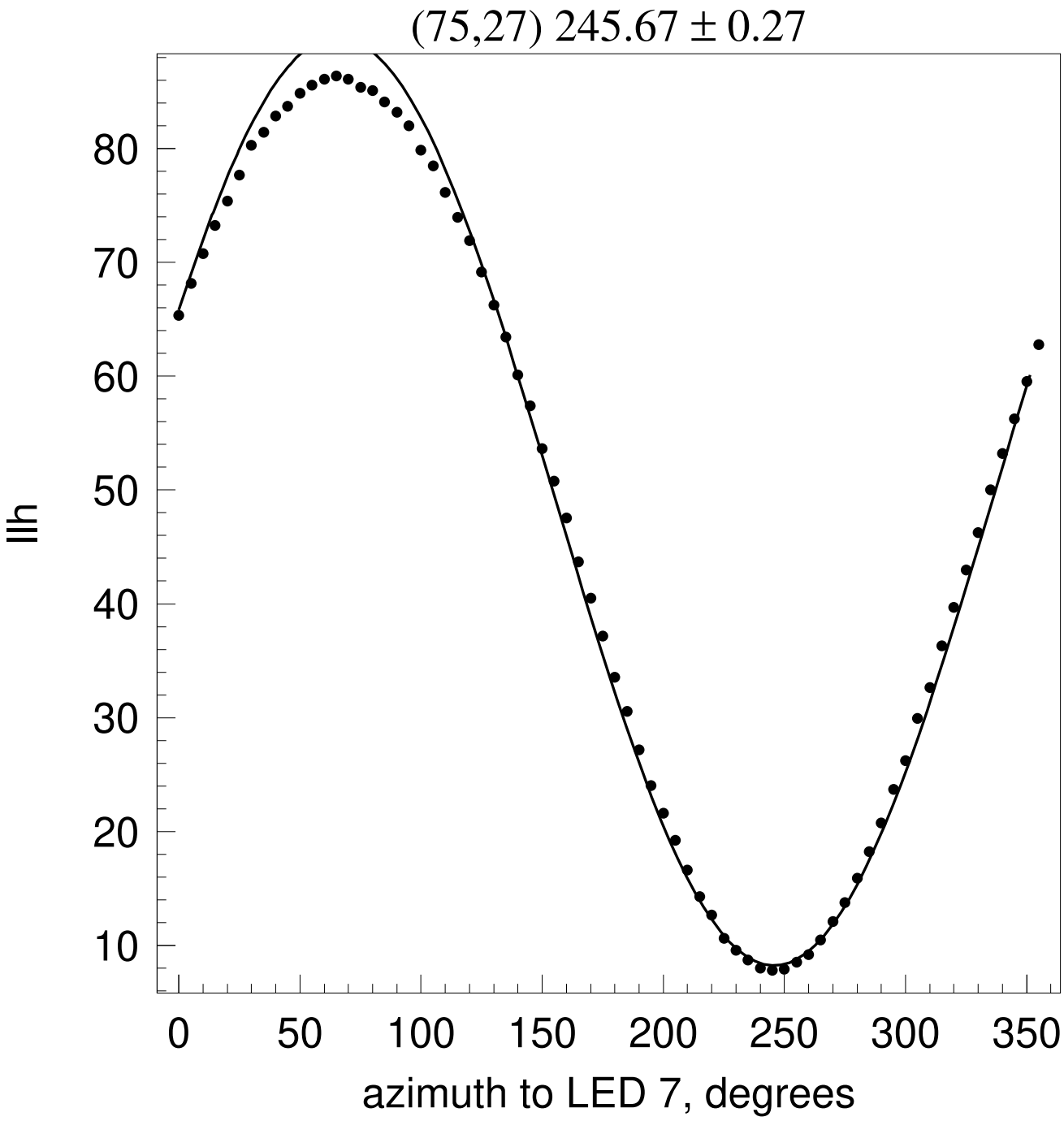

(75,22) 358.27 ± 0.27
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

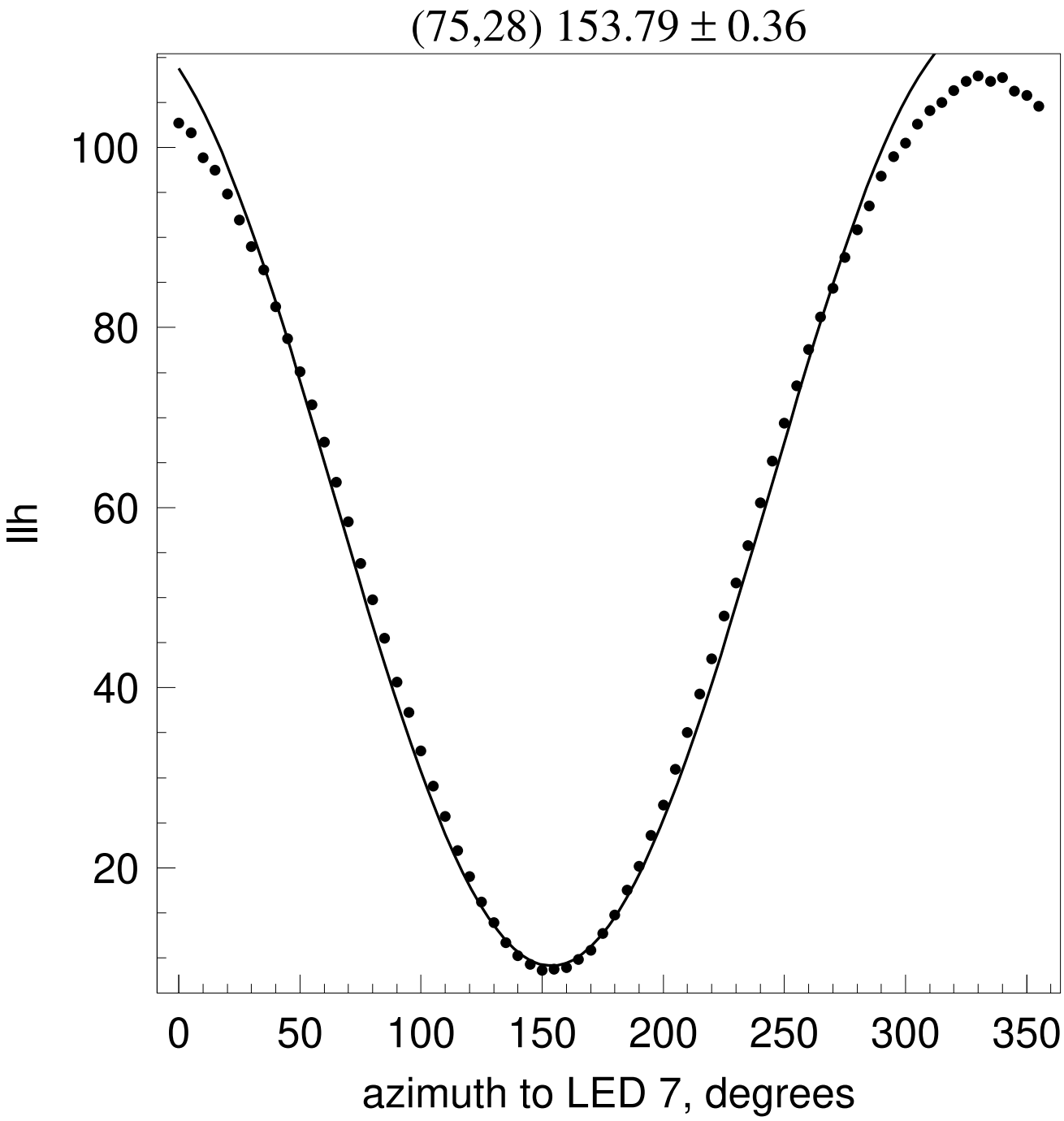

(75,23) 110.18 ± 0.32
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

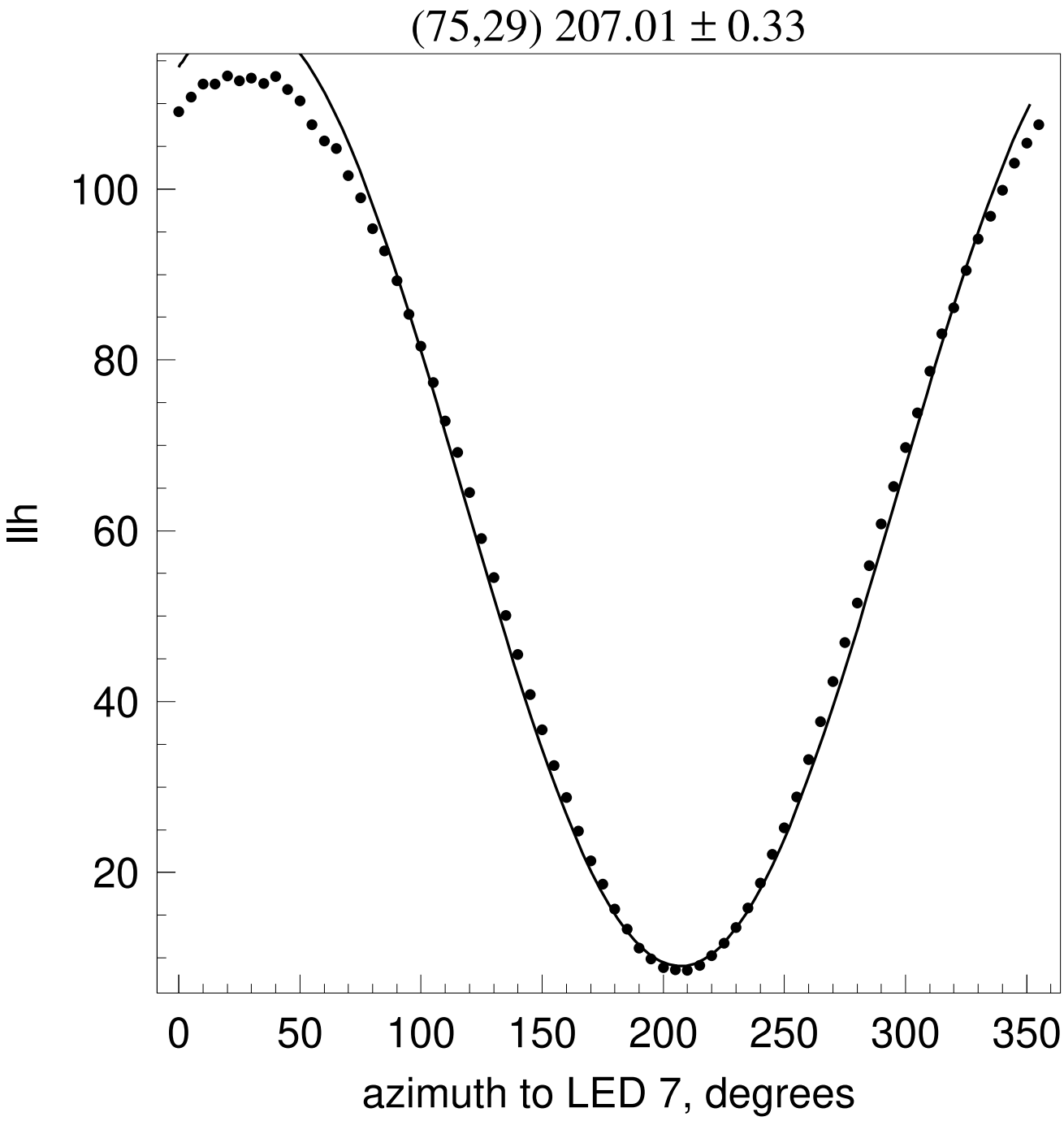

(75,24) 242.44 ± 0.19
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

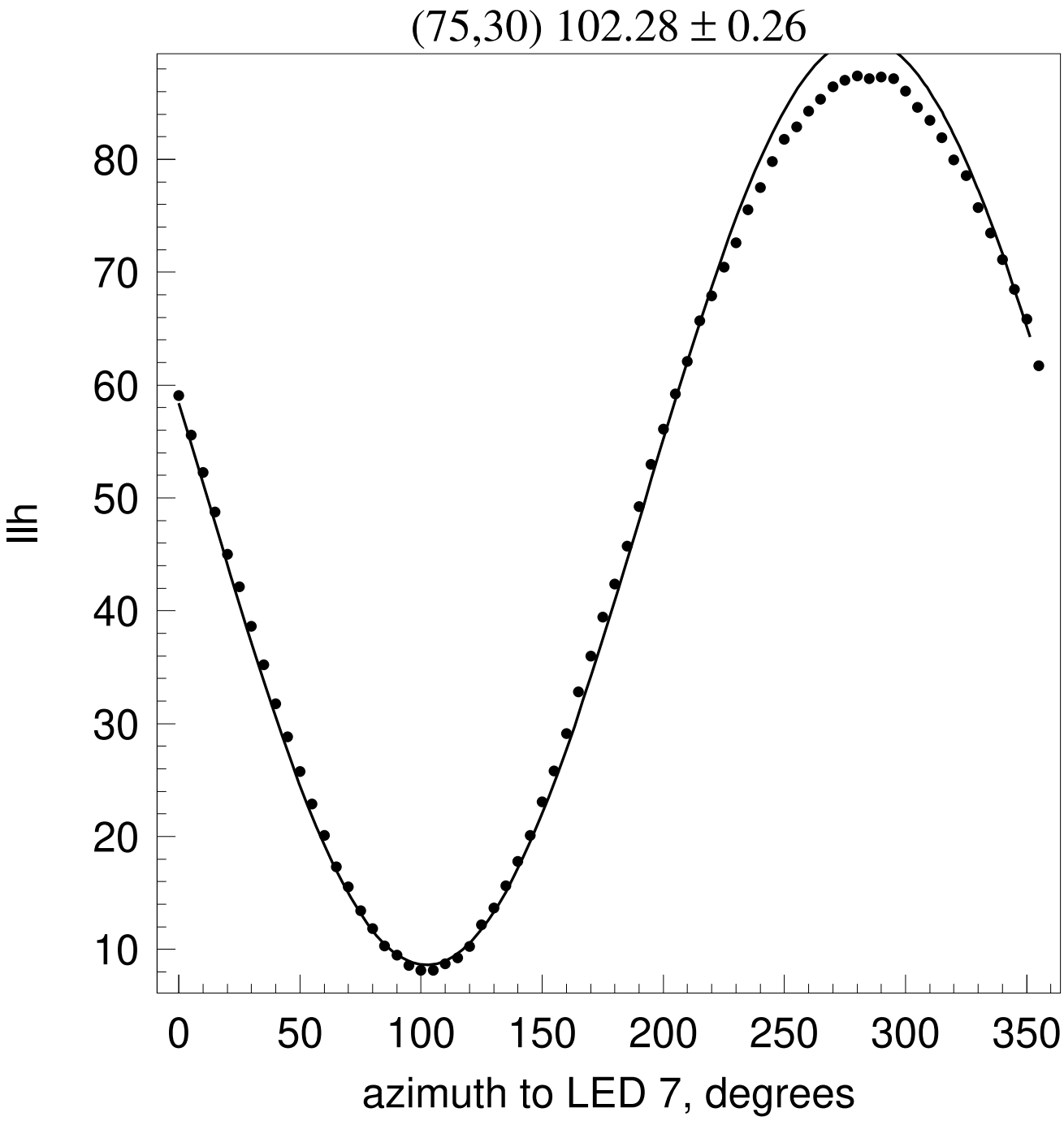

(75,25) 15.15 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

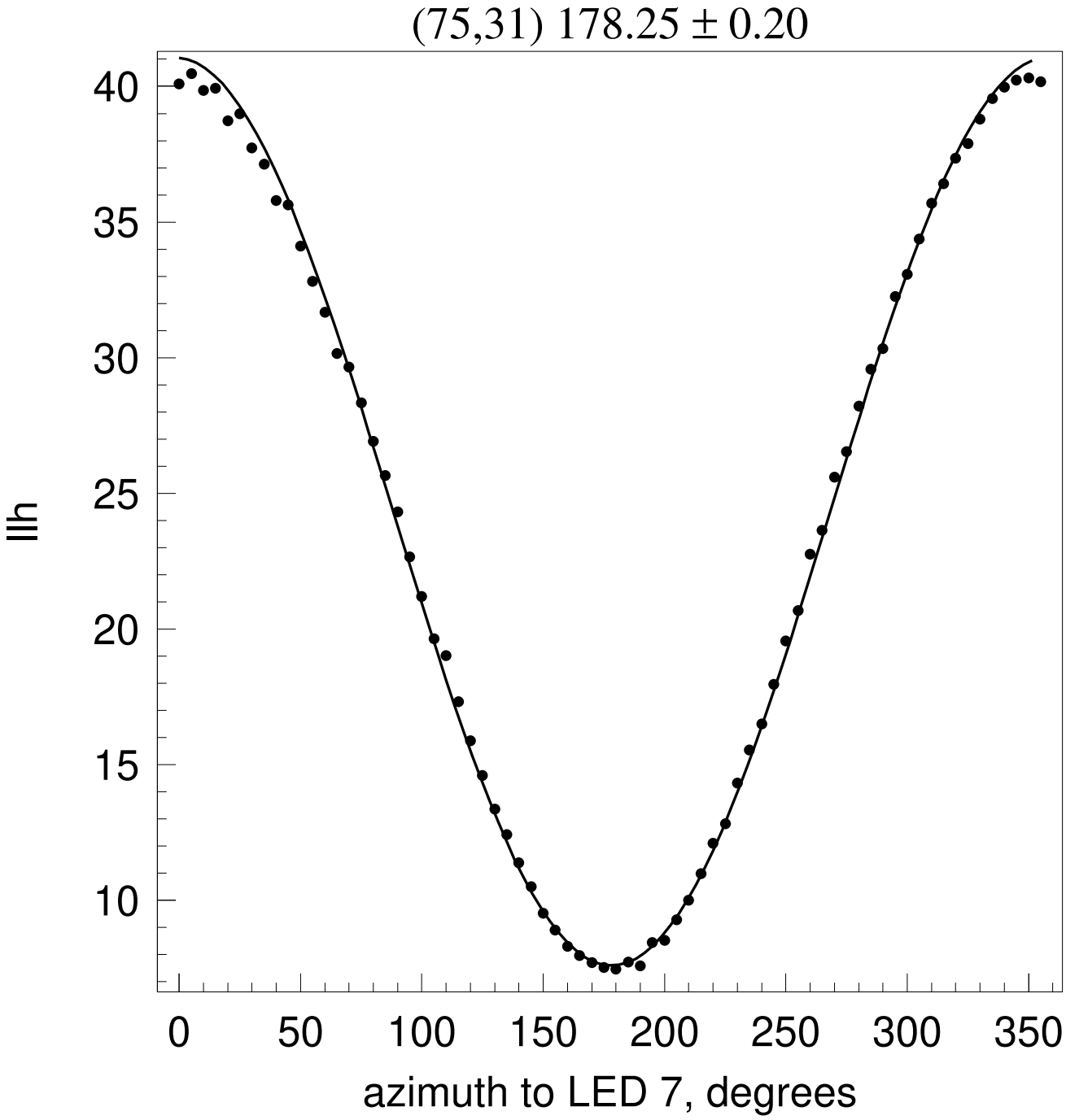

(75,26) 159.96 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

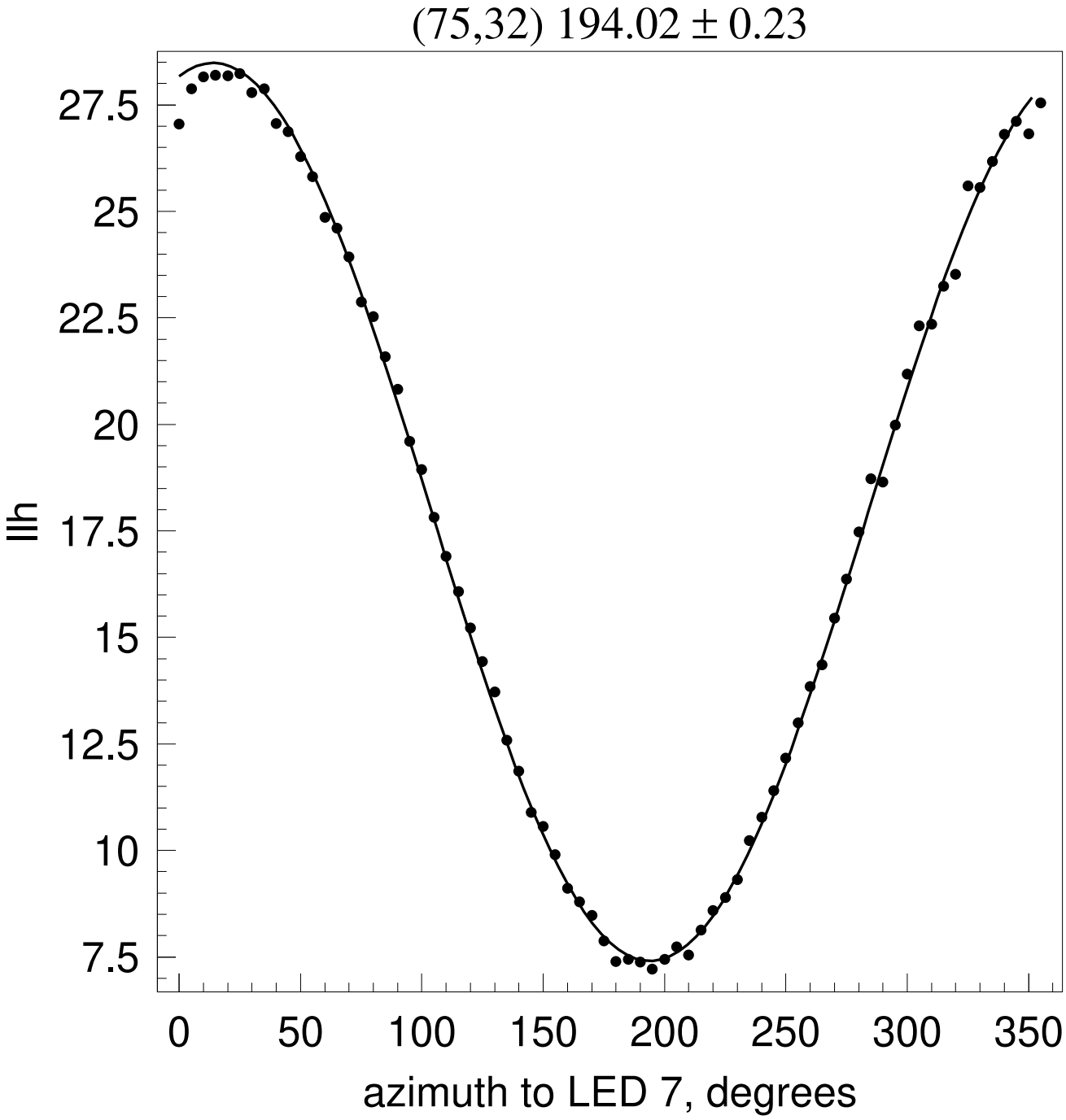

(75,27) 245.67 ± 0.27
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

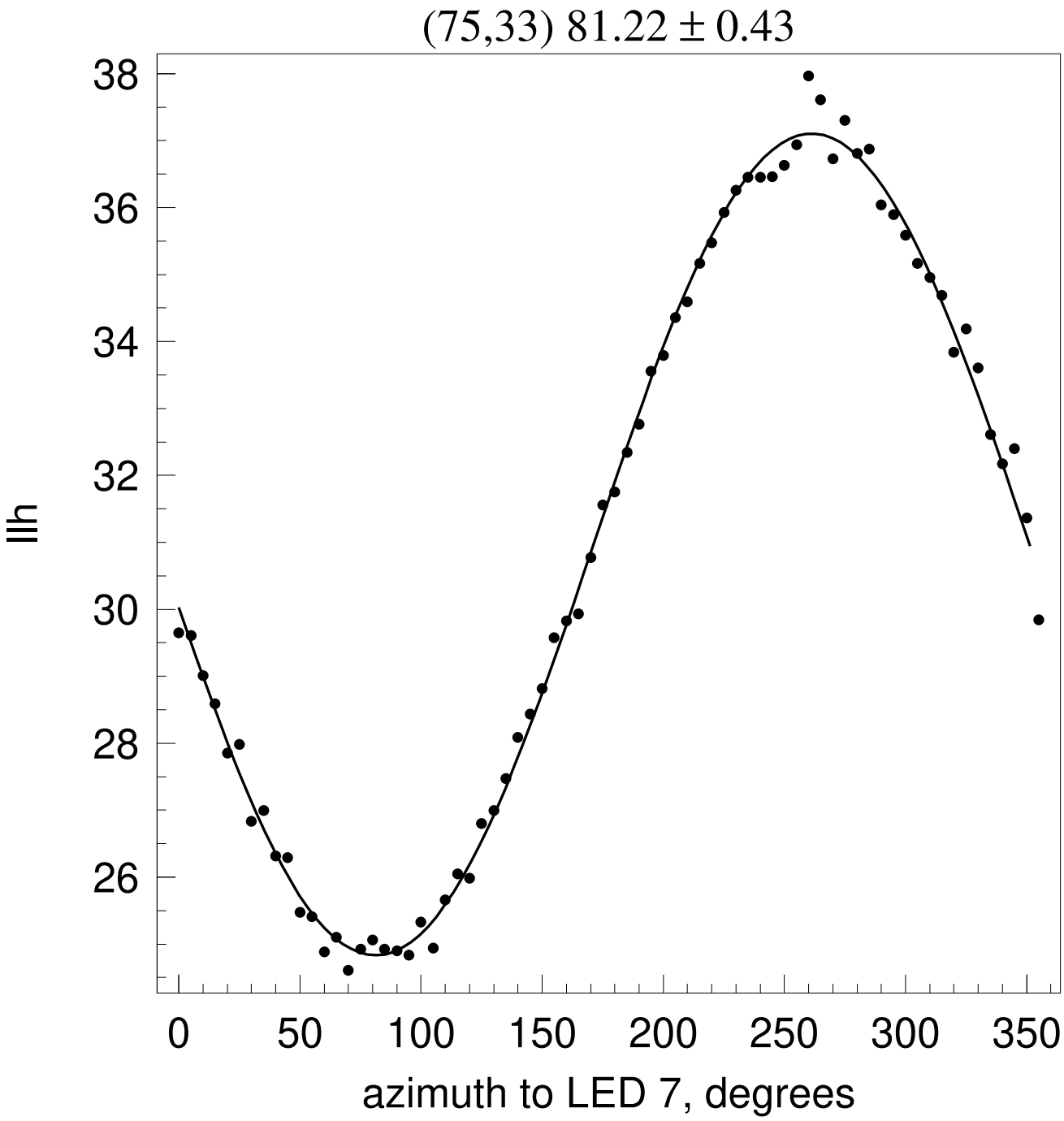

(75,28) 153.79 ± 0.36
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

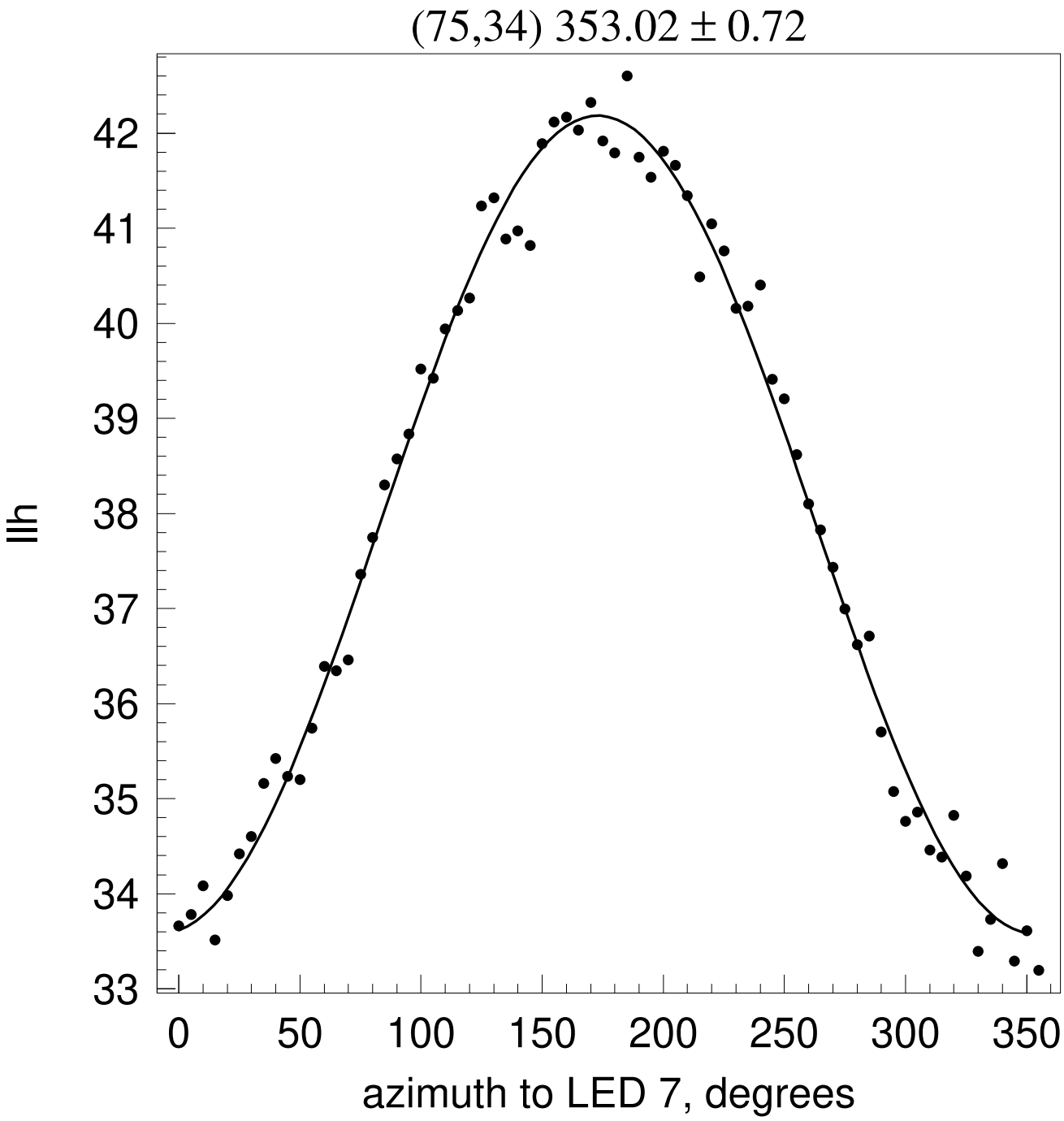

(75,29) 207.01 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

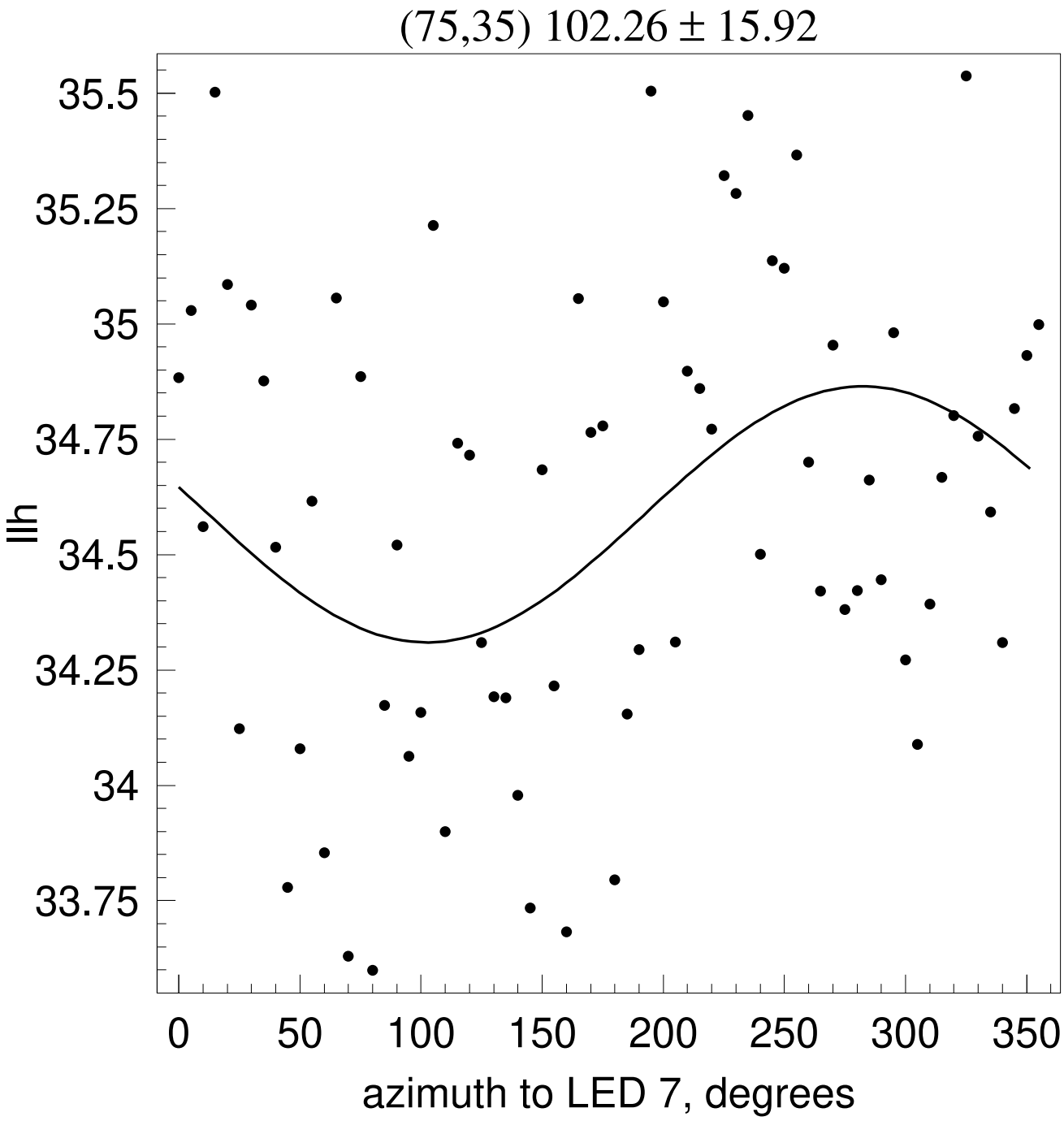

(75,30) 102.28 ± 0.26
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

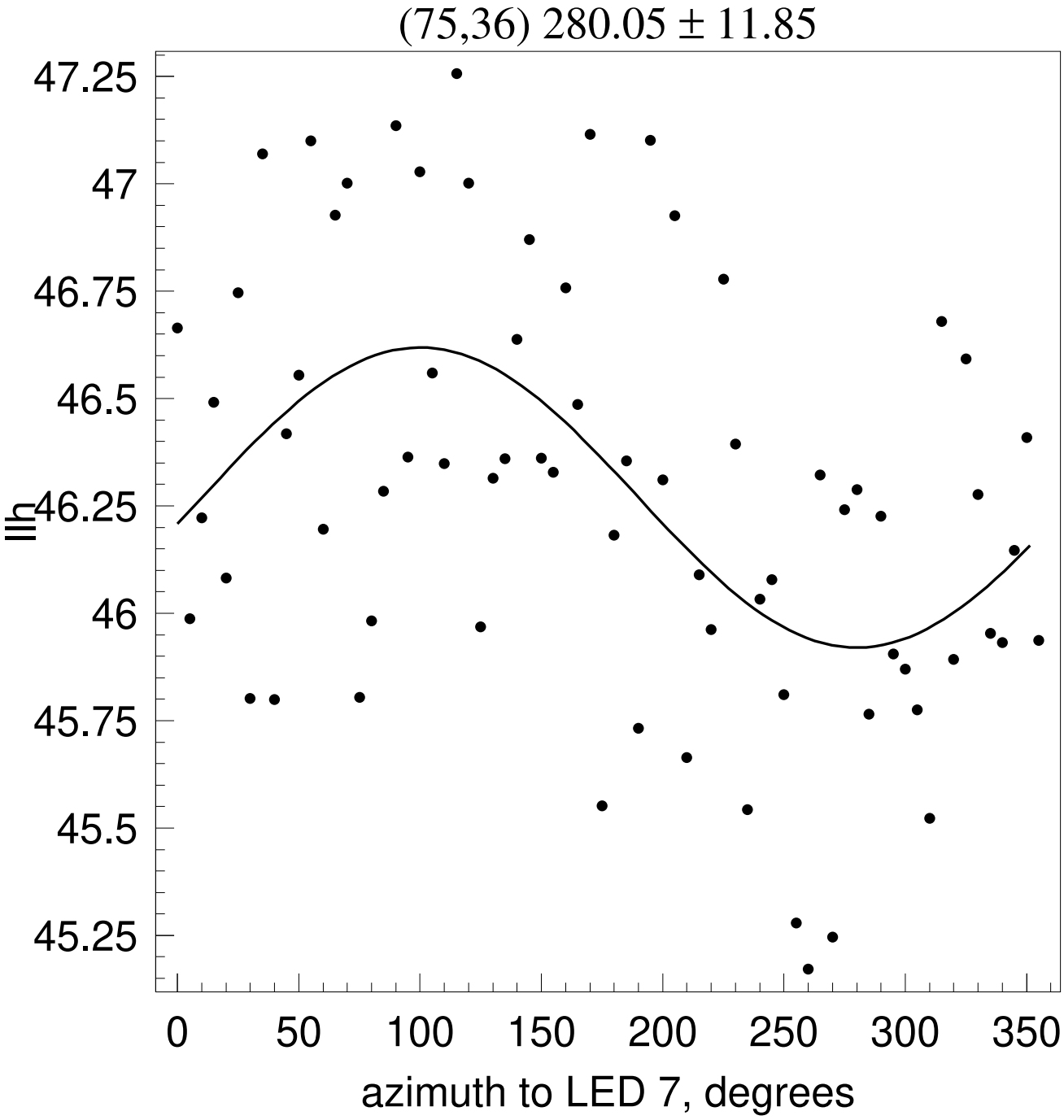

(75,31) 178.25 ± 0.20
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

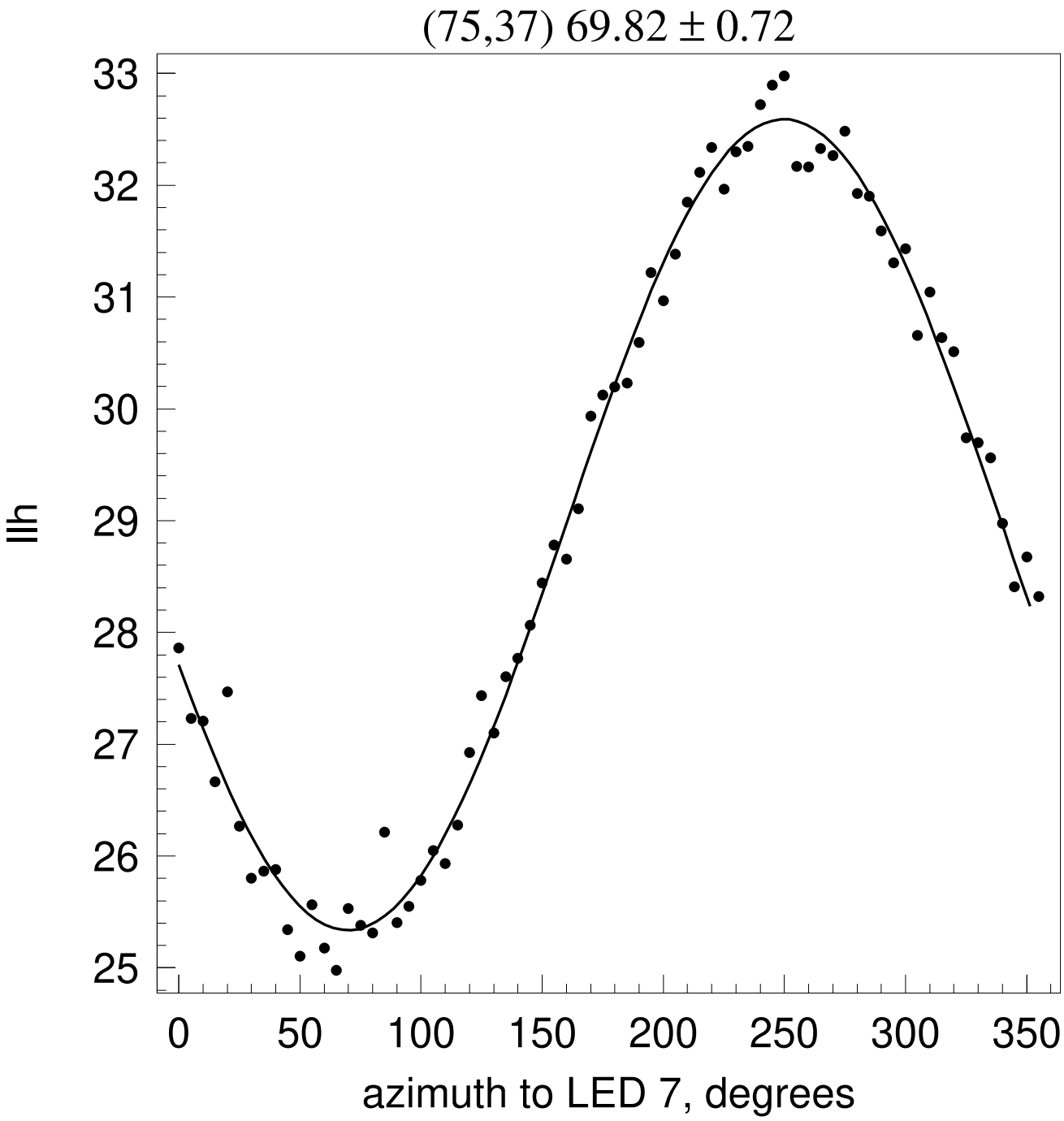

(75,32) 194.02 ± 0.23
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

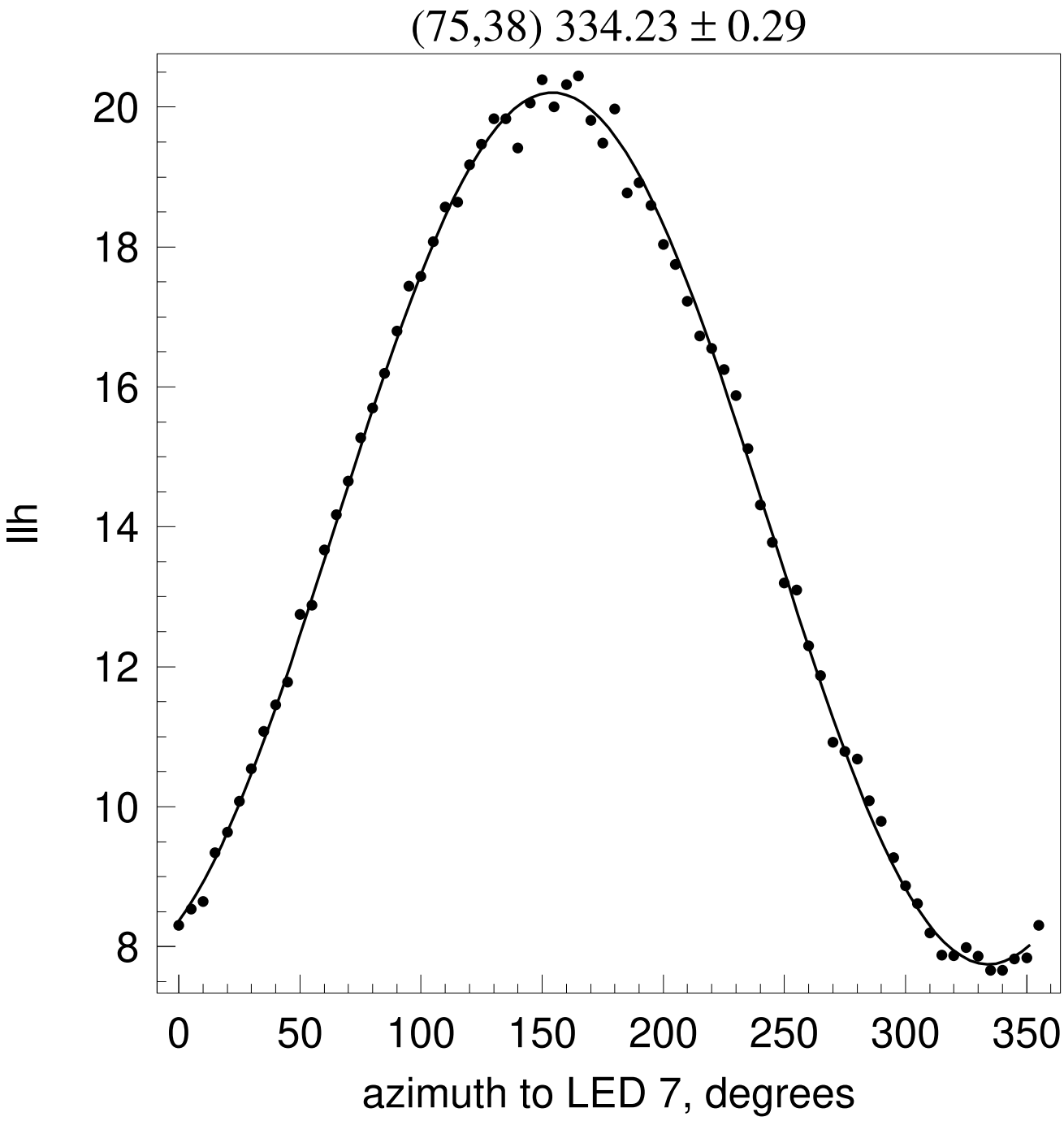

(75,33) 81.22 ± 0.43
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

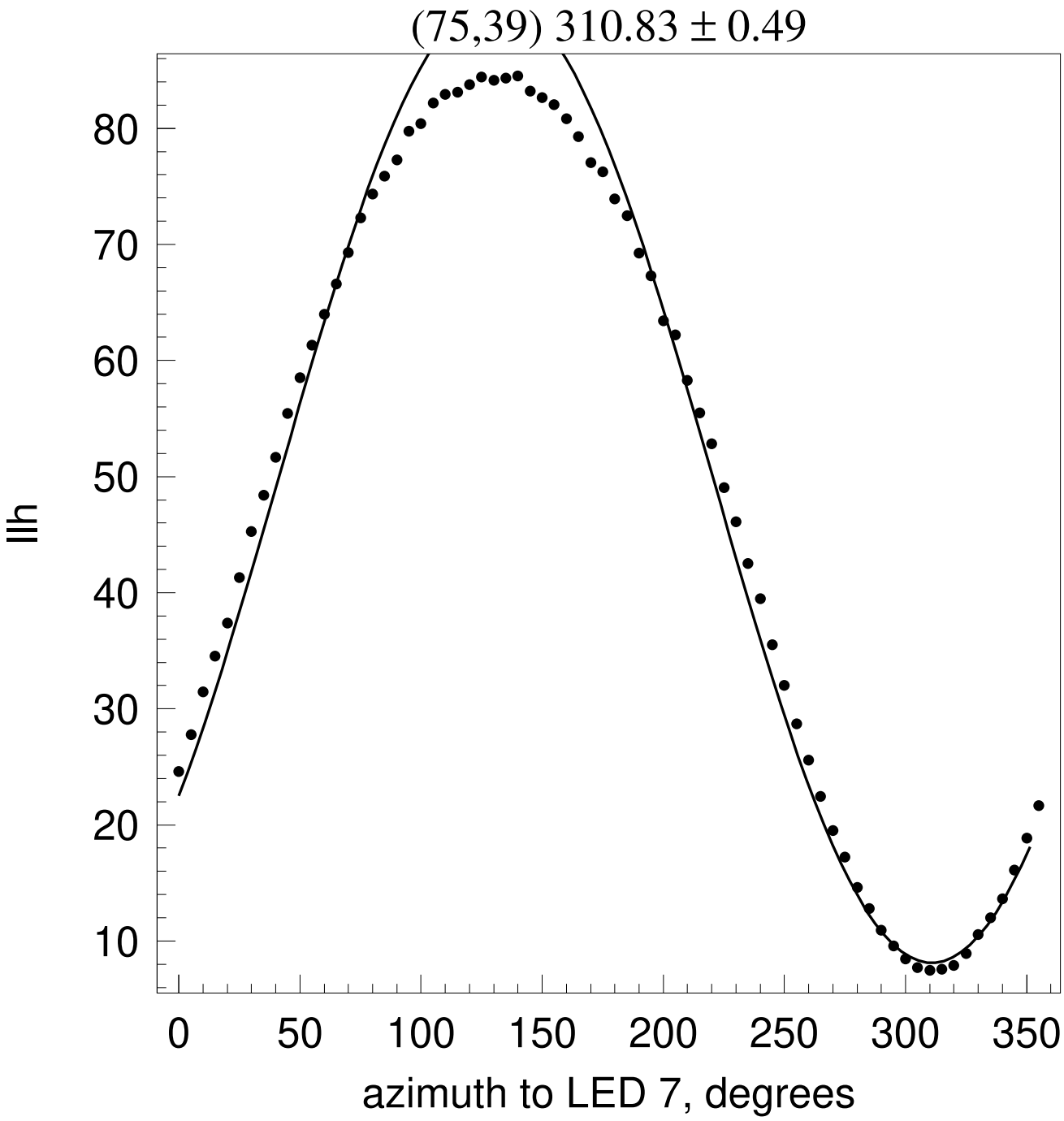

(75,34) 353.02 ± 0.72
llh
42
41
40
39
38
37
36
35
34
33
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

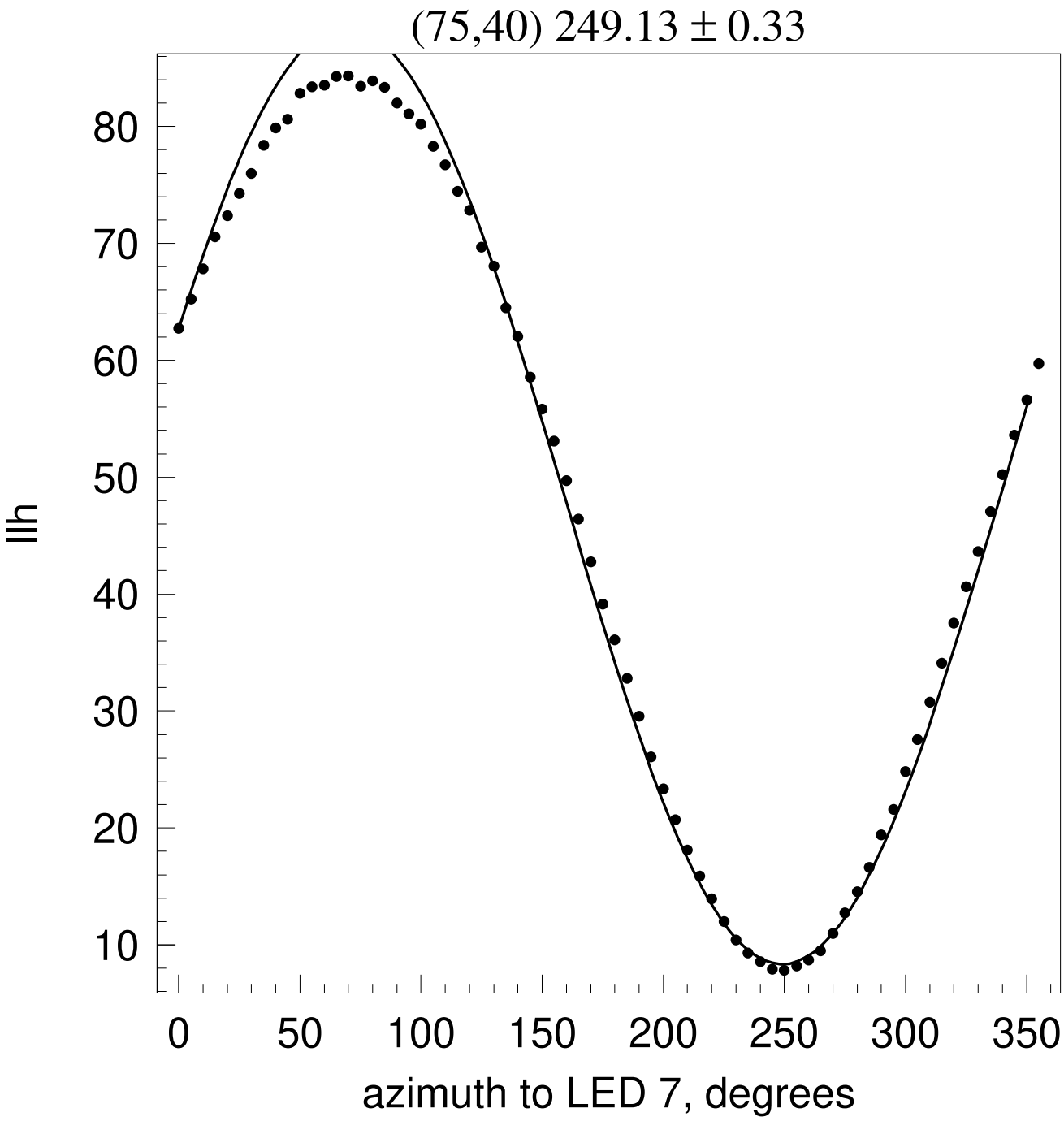

(75,35) 102.26 ± 15.92
35.5
35.25
35
34.75
34.5
34.25
34
33.75
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

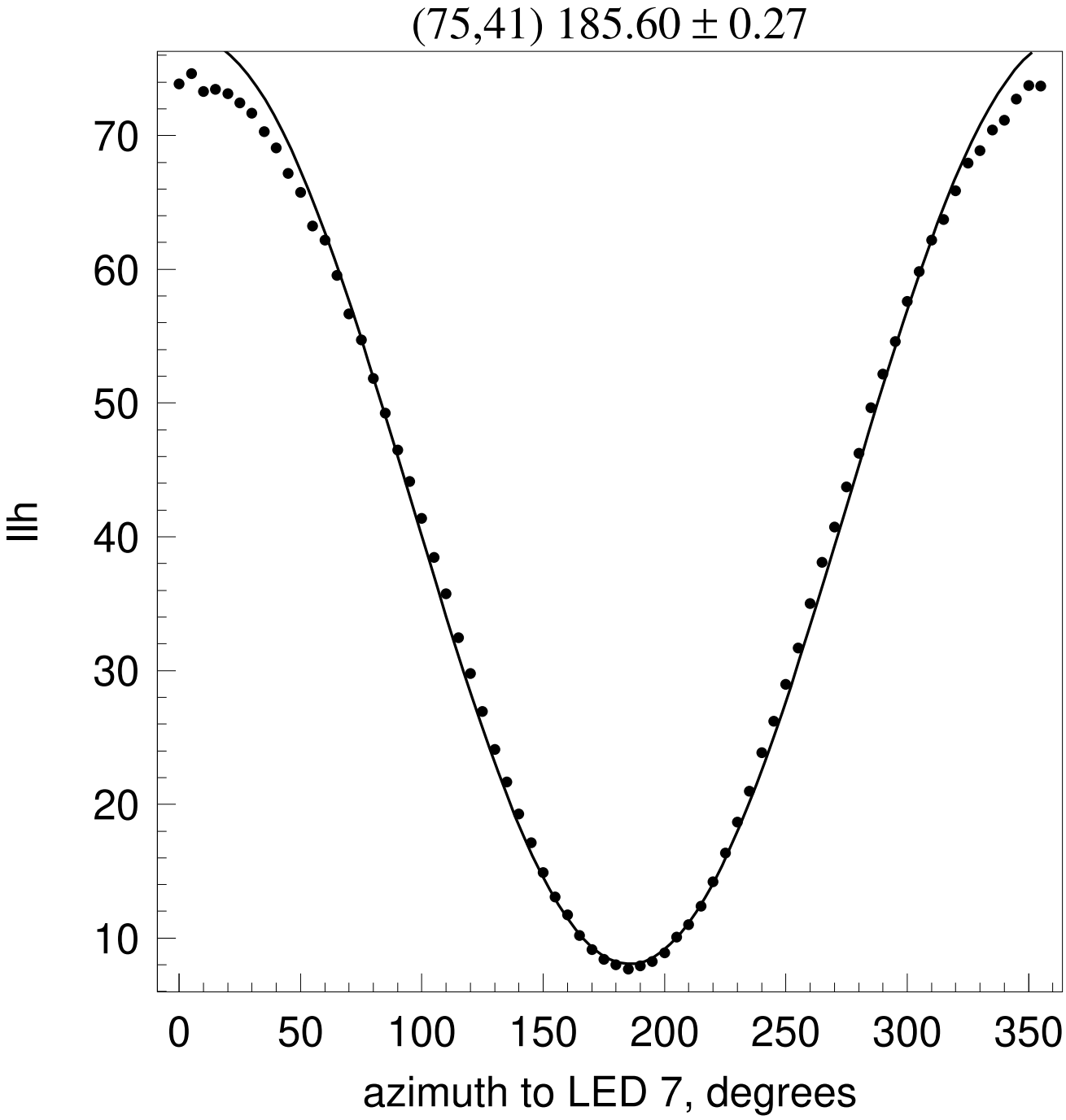

(75,36) 280.05 ± 11.85
47.25
47
46.75
46.5
46.25
46
45.75
45.5
45.25
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

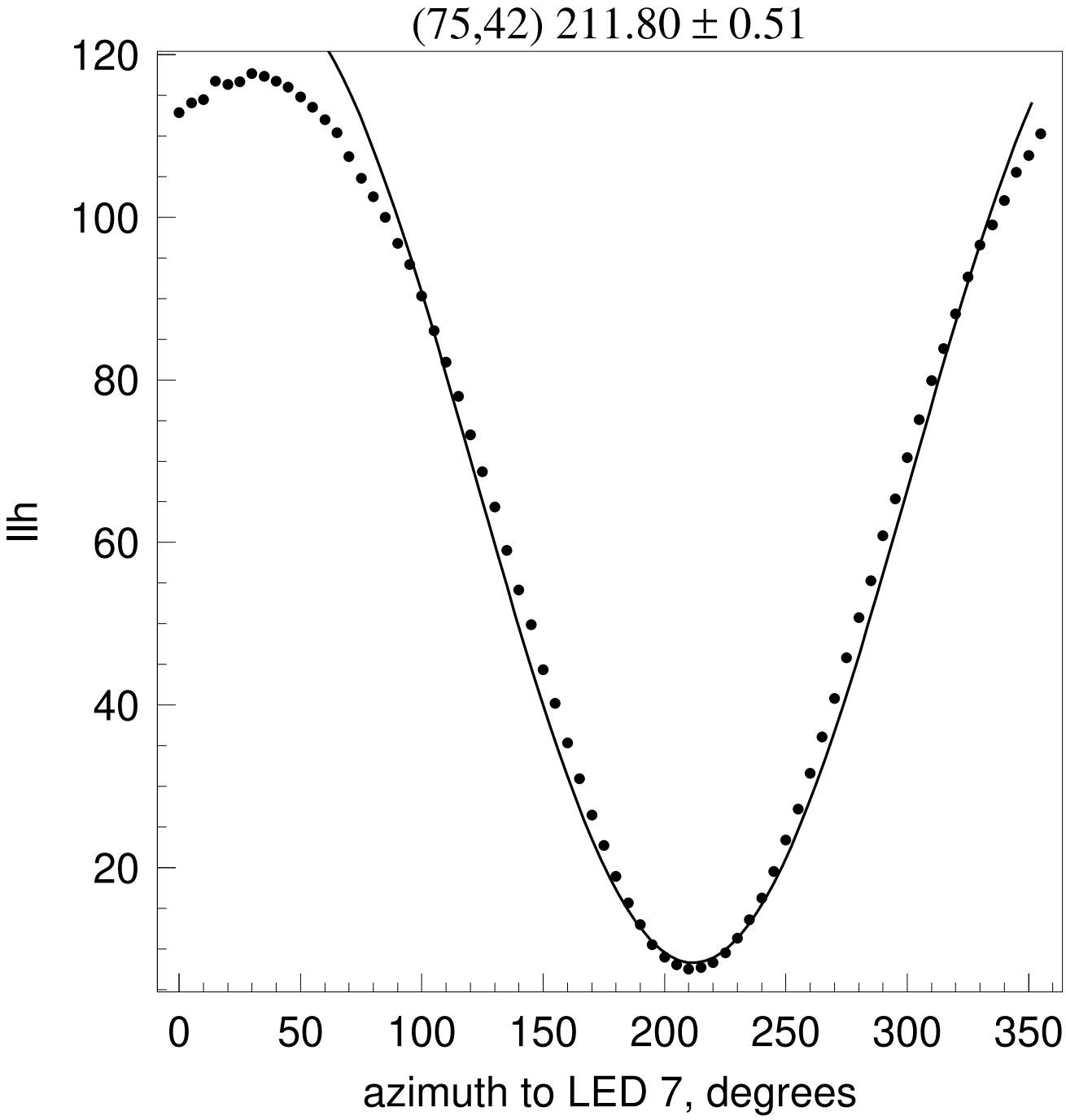

(75,37) 69.82 ± 0.72
33
32
31
30
29
28
27
26
25
lllh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

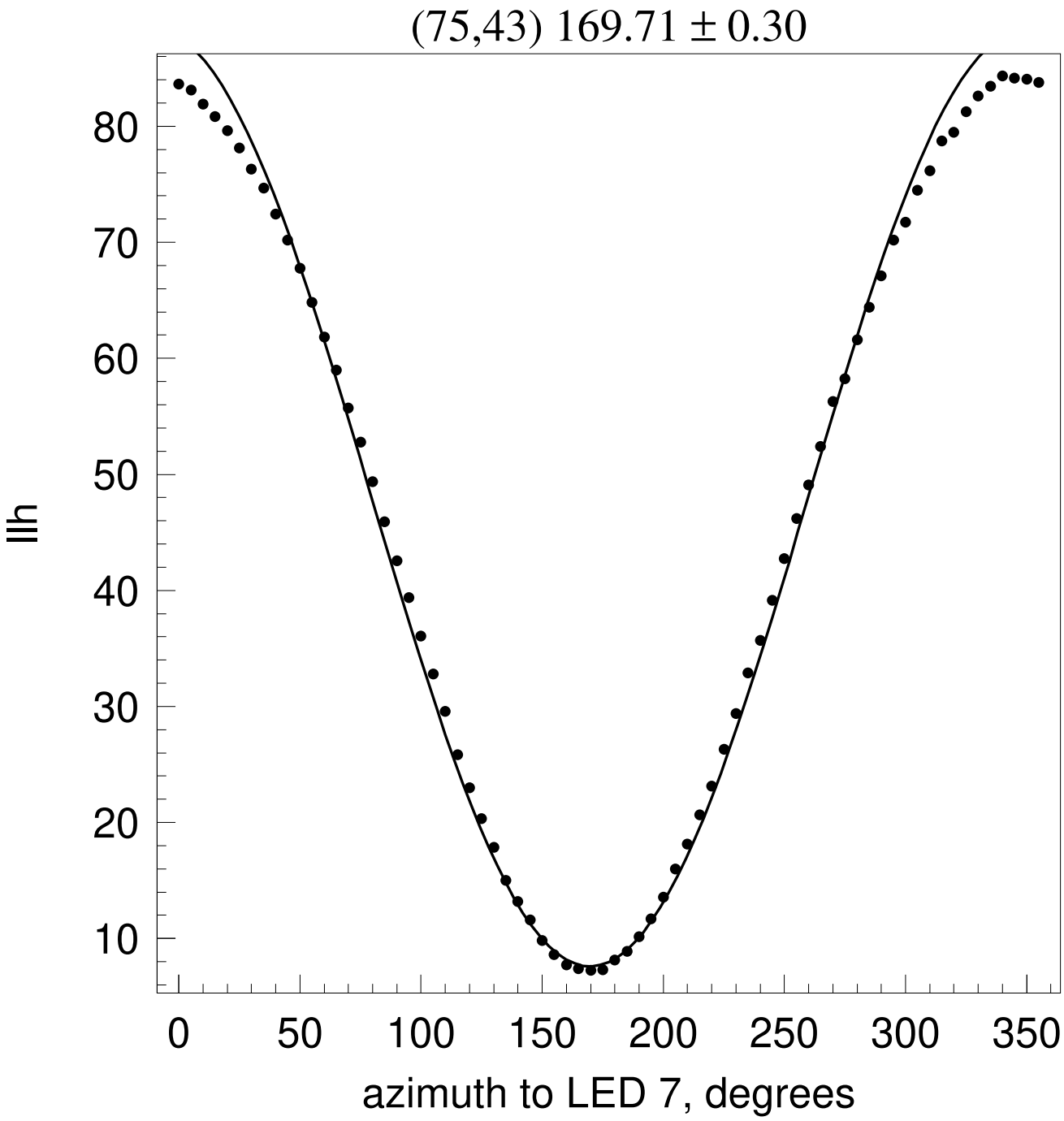

(75,38) 334.23 ± 0.29
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

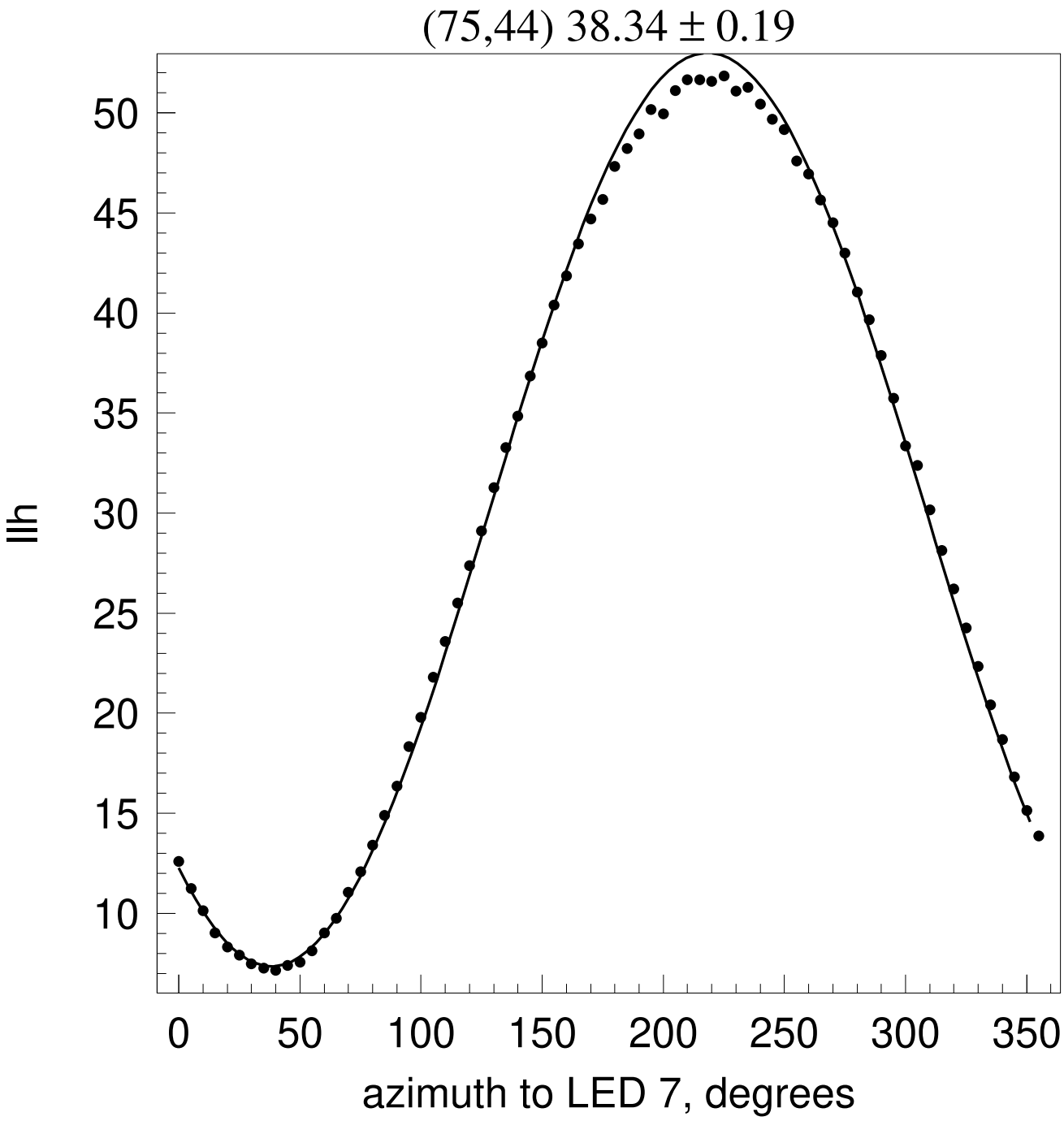

(75,39) 310.83 ± 0.49
llh
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

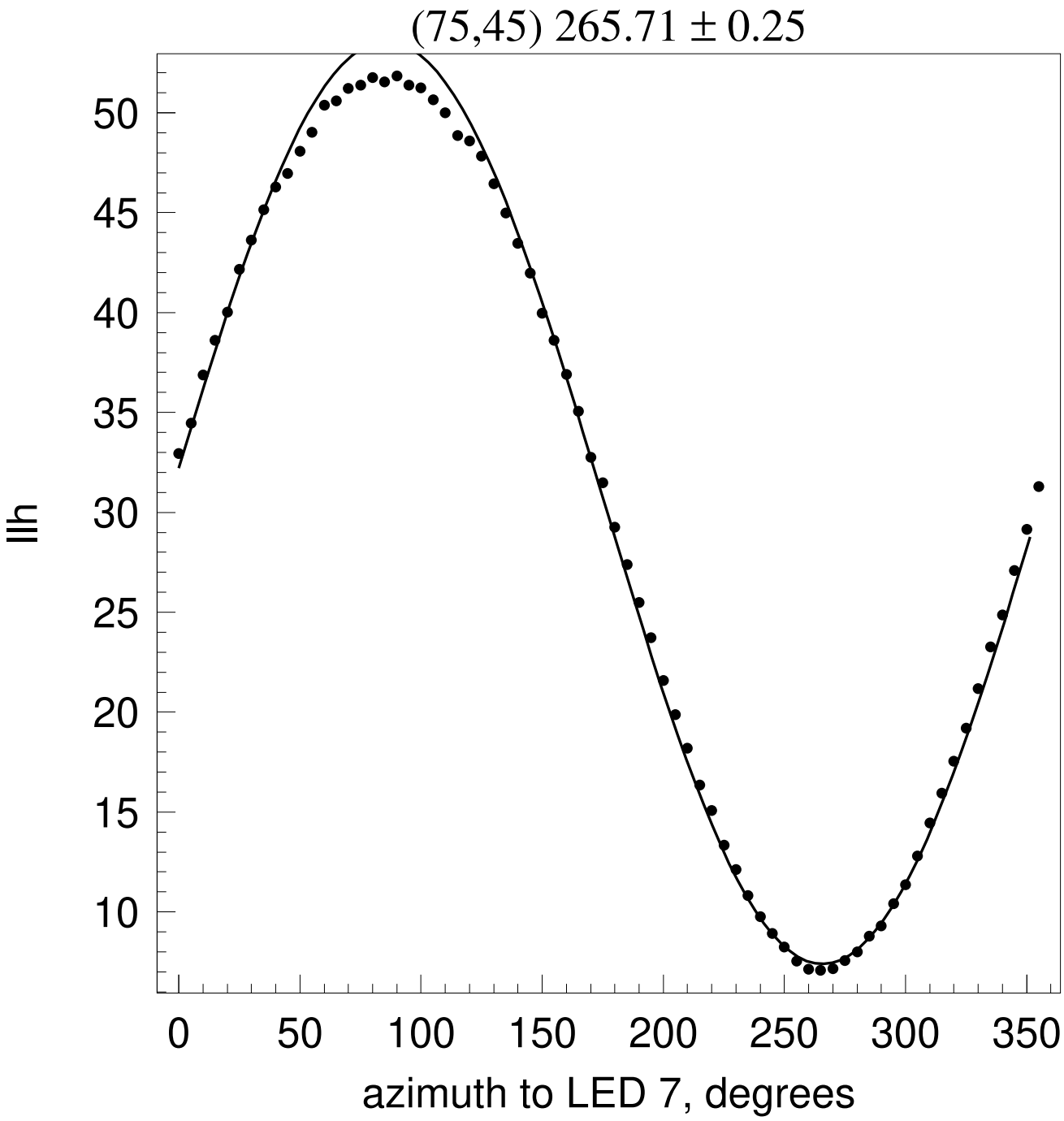

(75,40) 249.13 ± 0.33
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

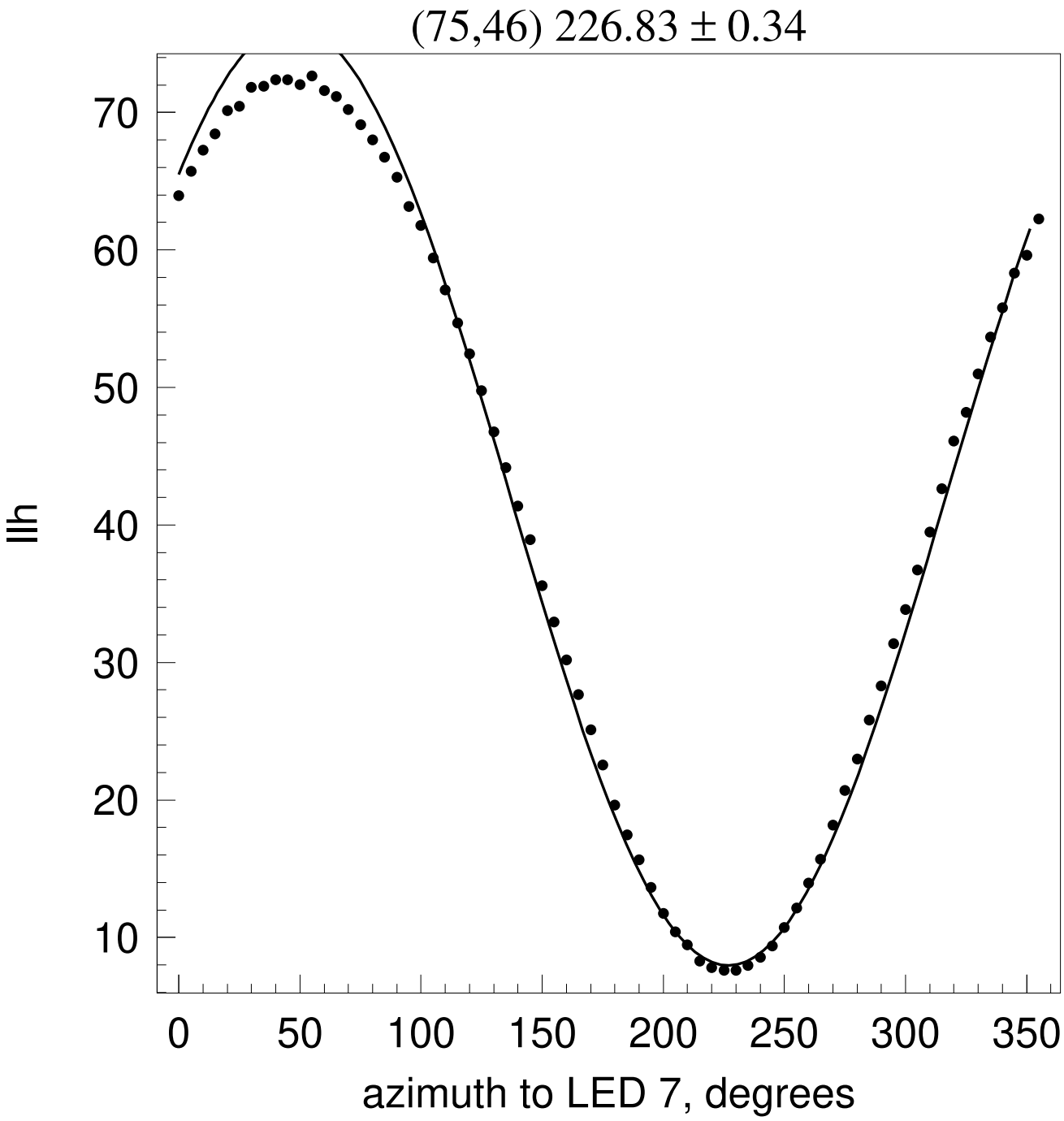

(75,41) 185.60 ± 0.27
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

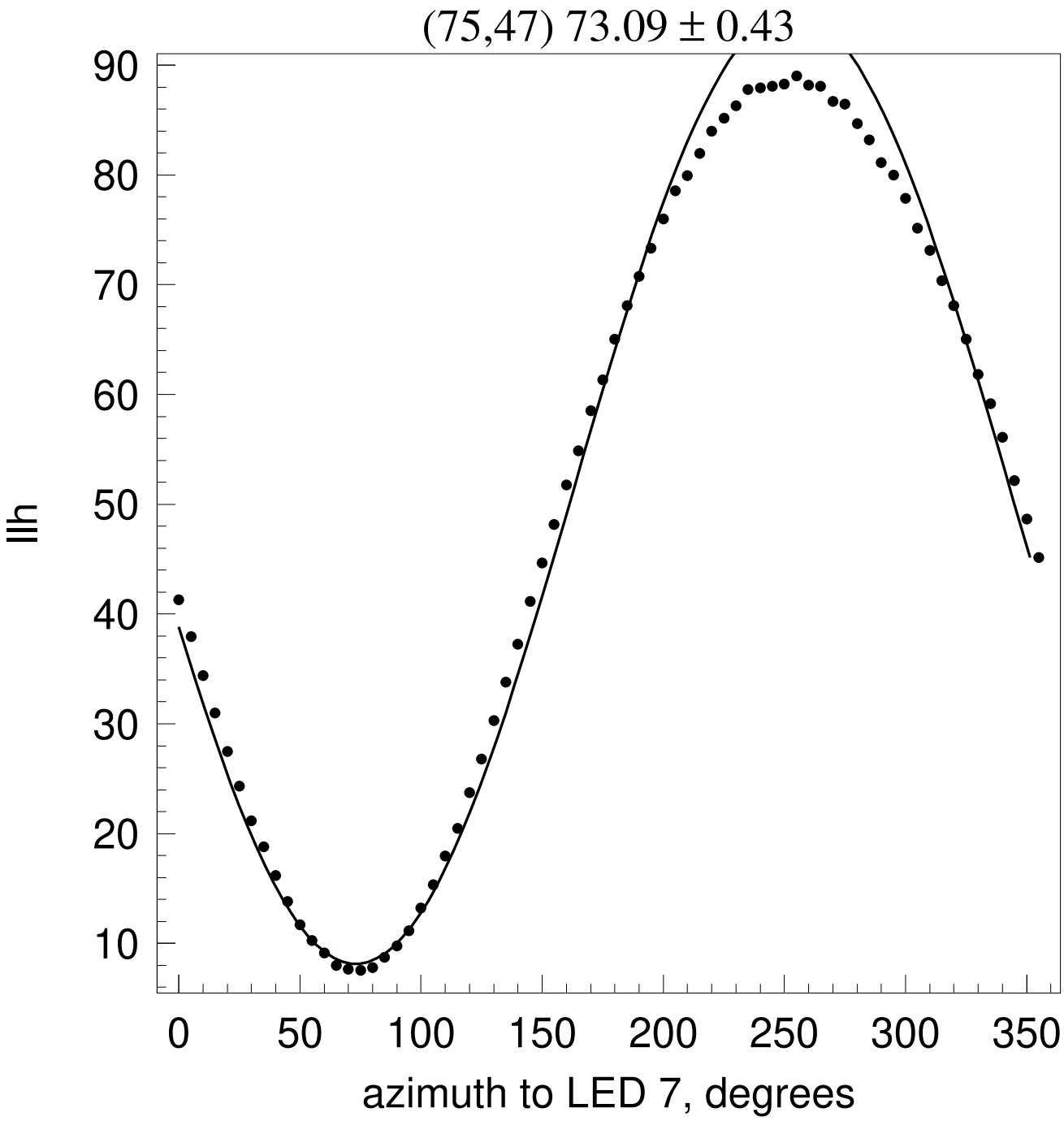

(75,42) 211.80 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

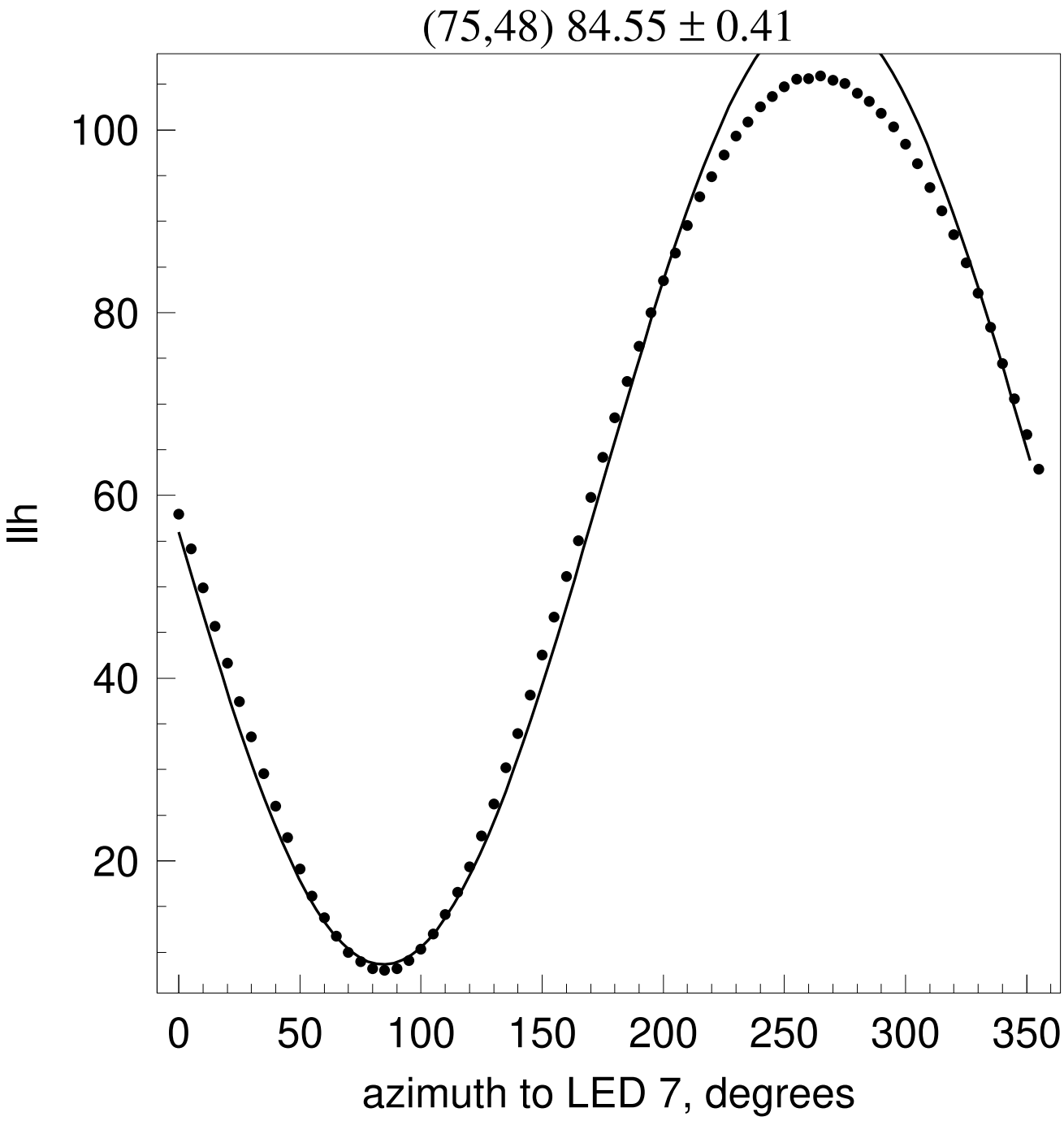

(75,43) 169.71 ± 0.30
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

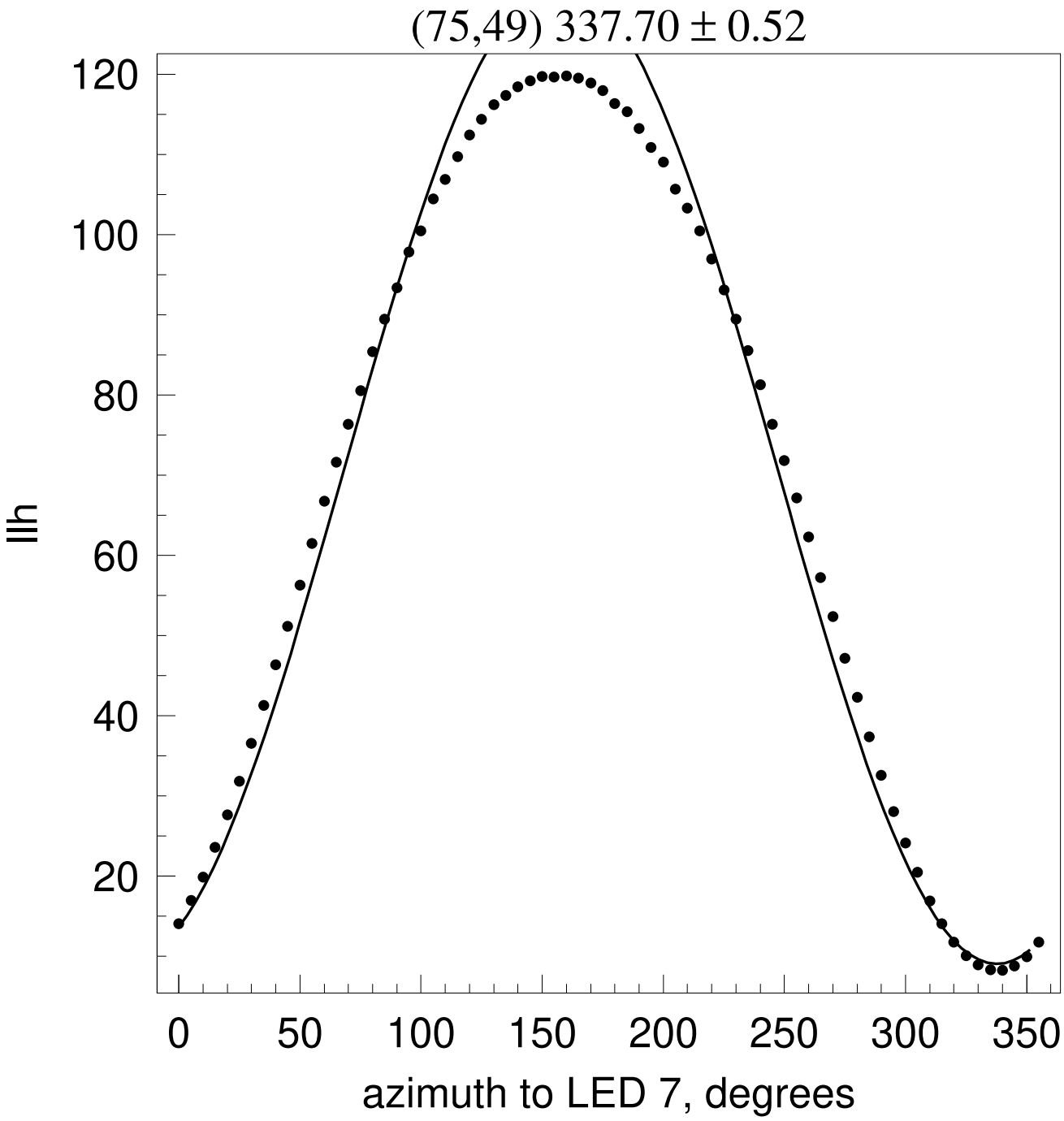

(75,44) 38.34 ± 0.19
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

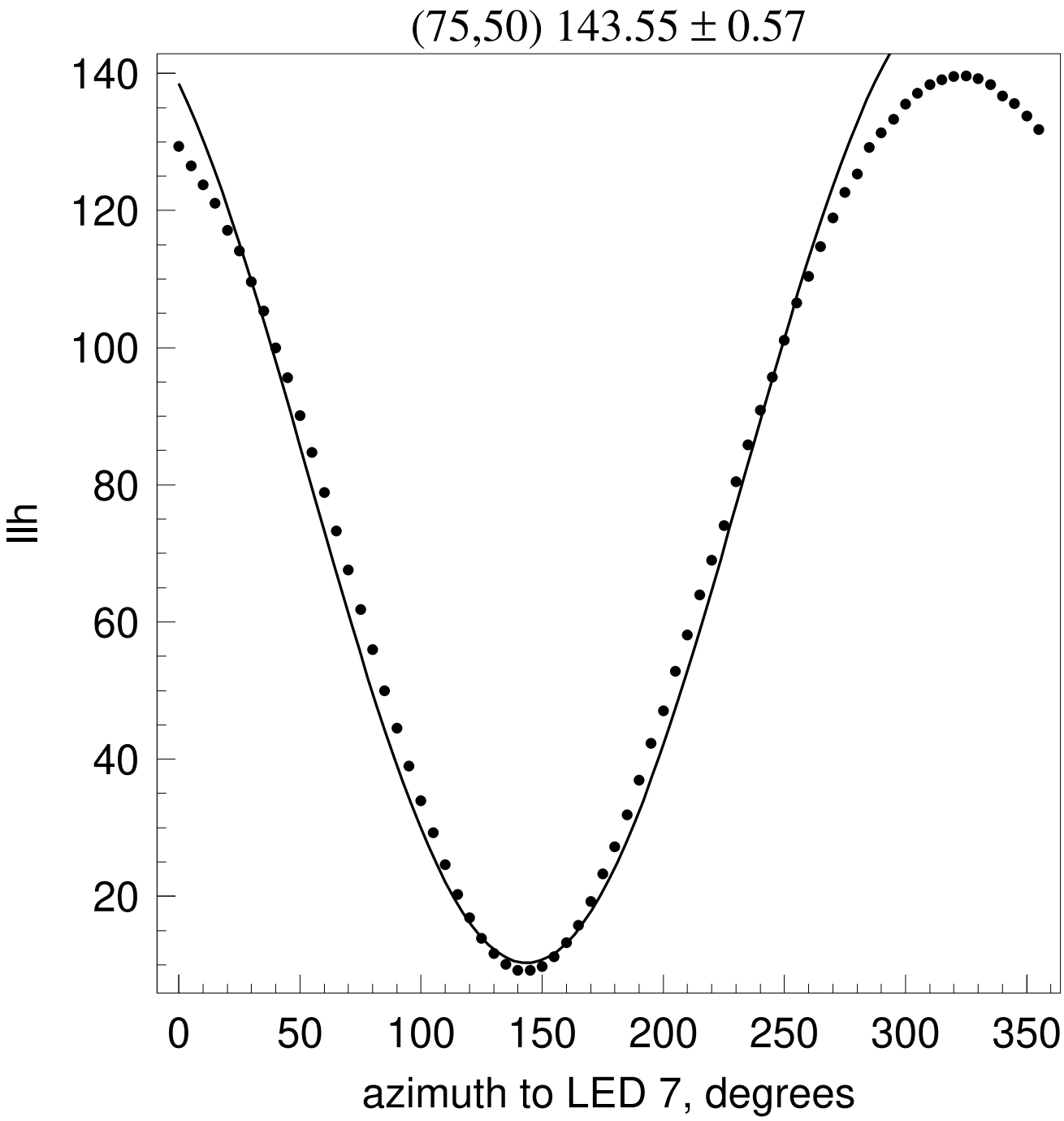

(75,45) 265.71 ± 0.25
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

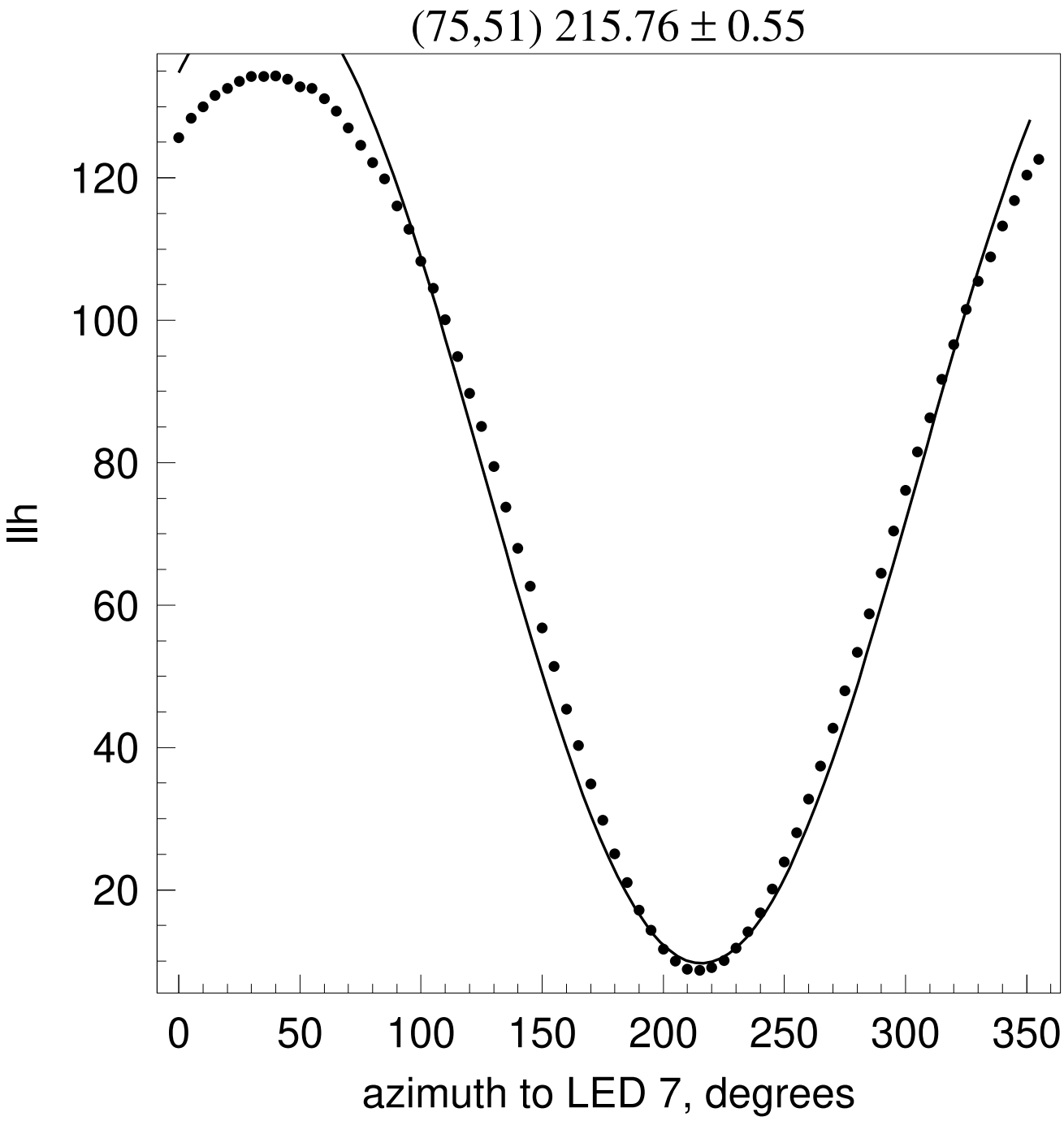

(75,46) 226.83 ± 0.34
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

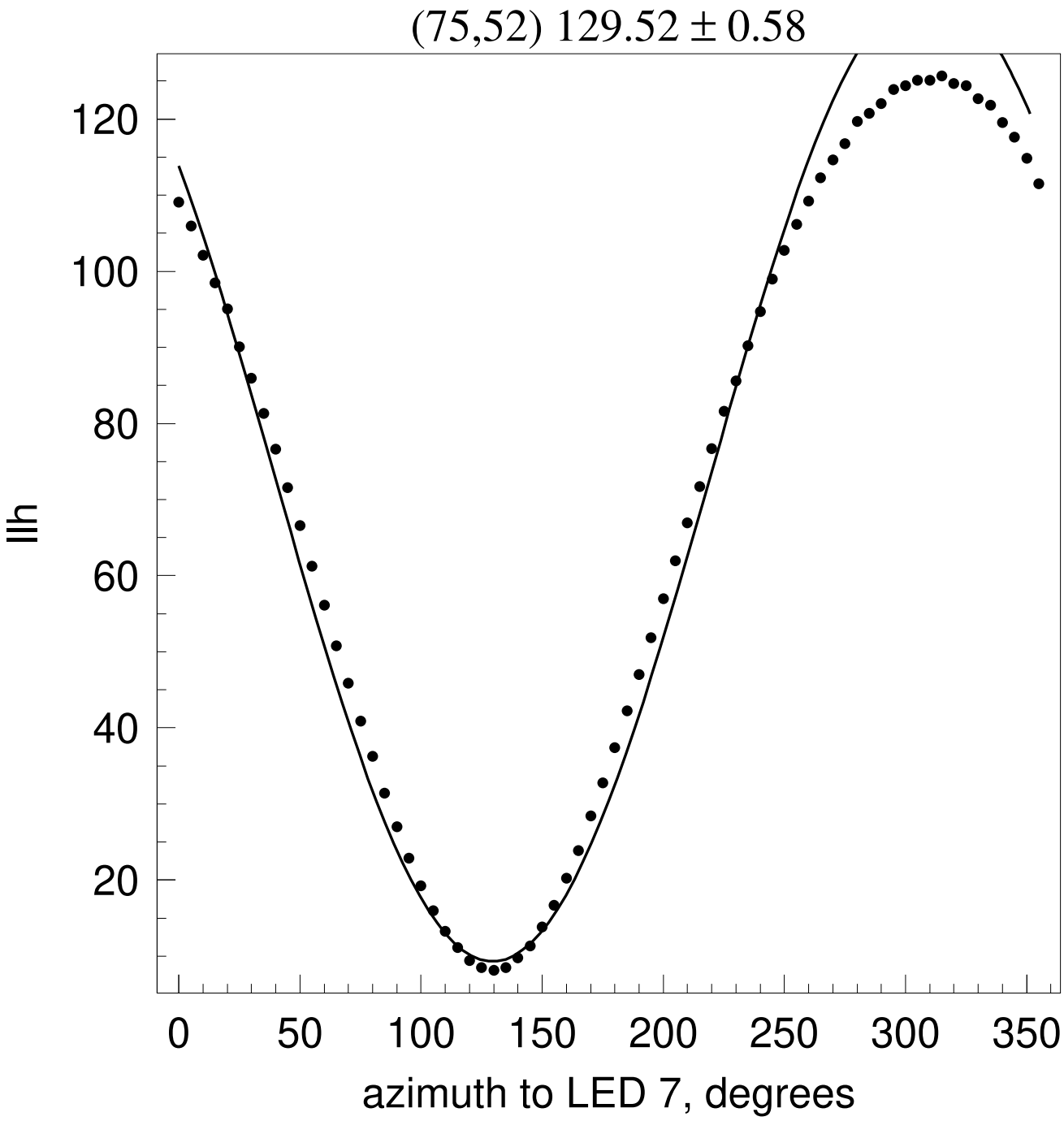

(75,47) 73.09 ± 0.43
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

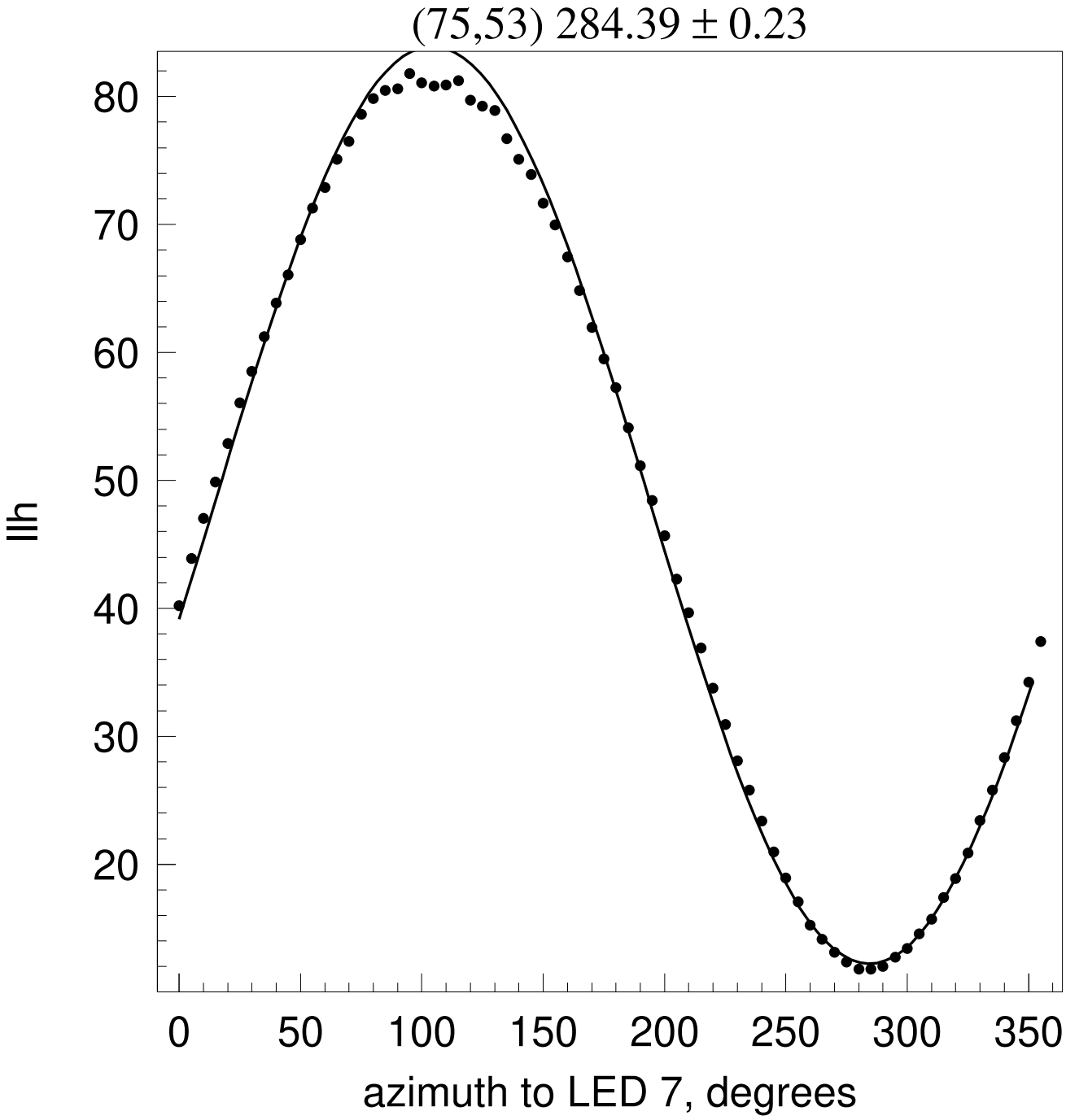

(75,48) 84.55 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

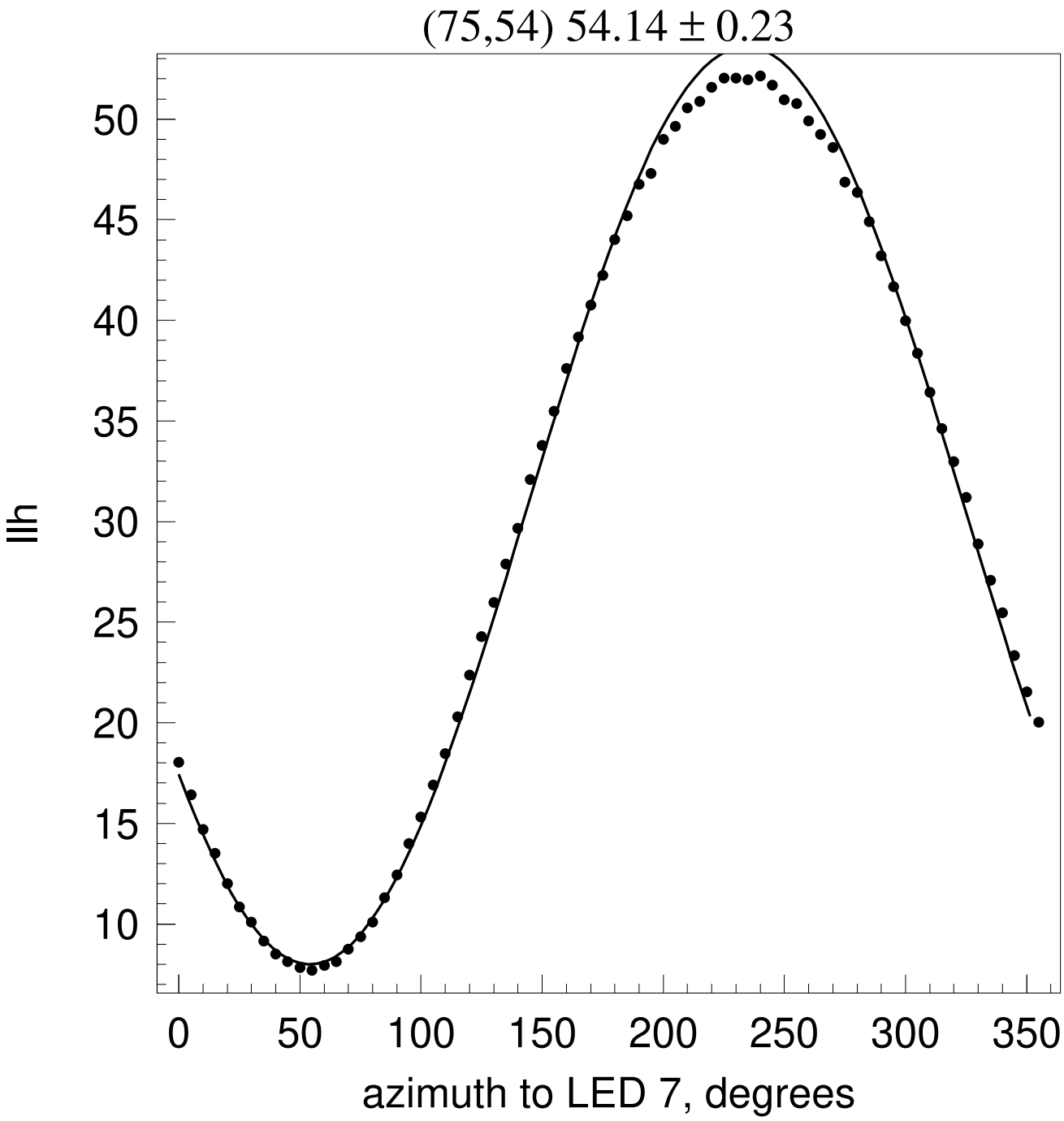

(75,49) 337.70 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

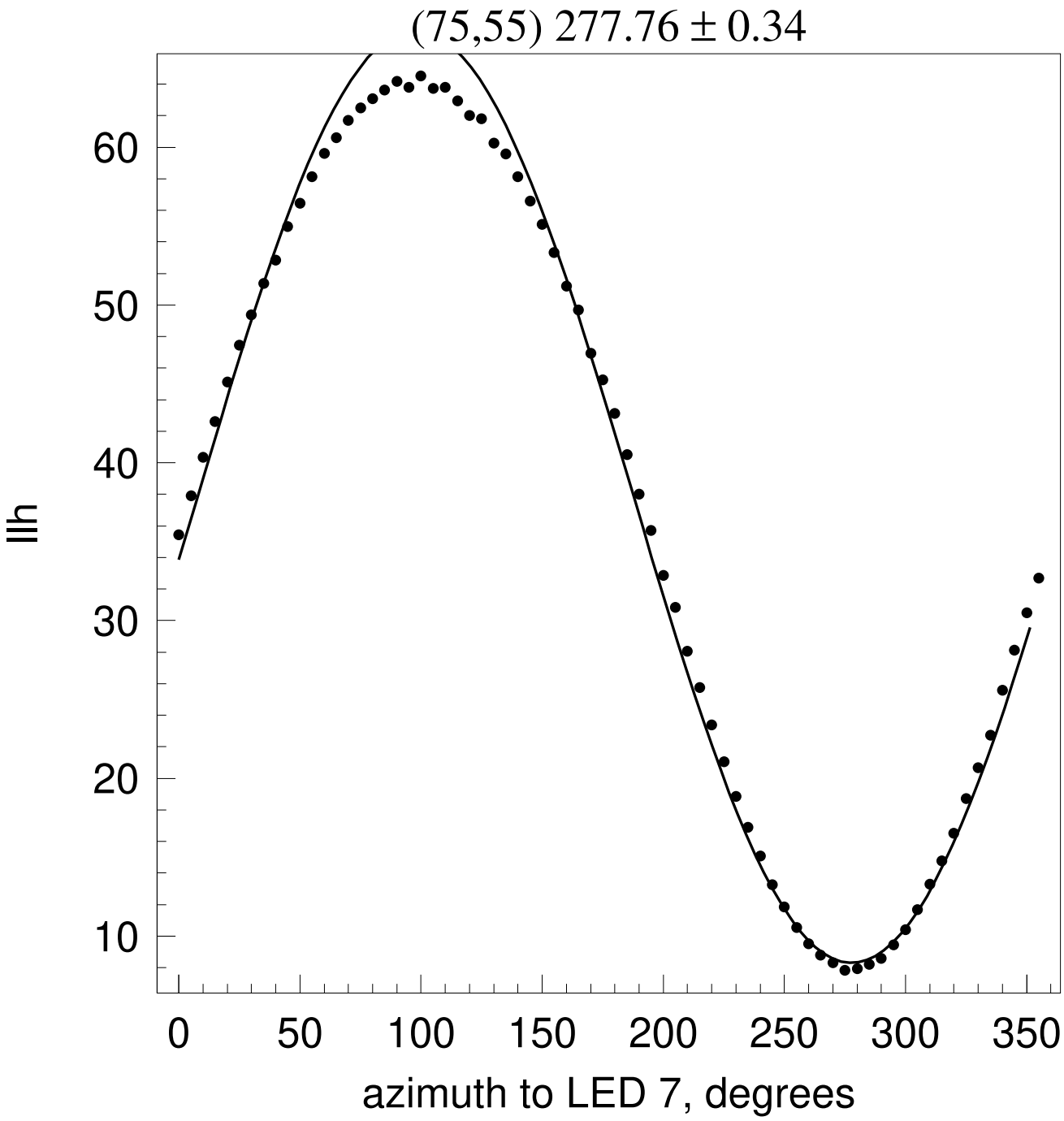

(75,50) 143.55 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

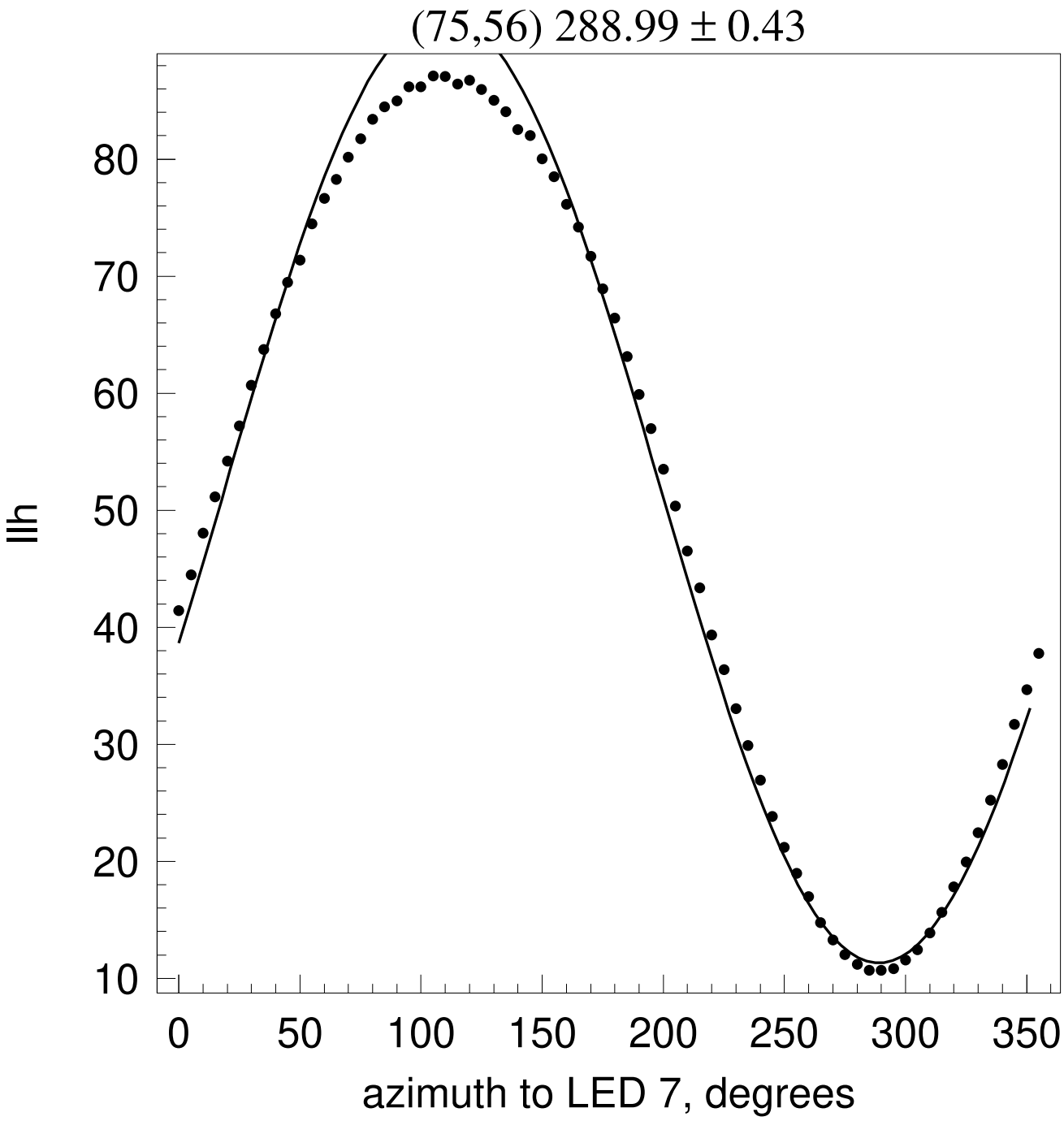

(75,51) 215.76 ± 0.55
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

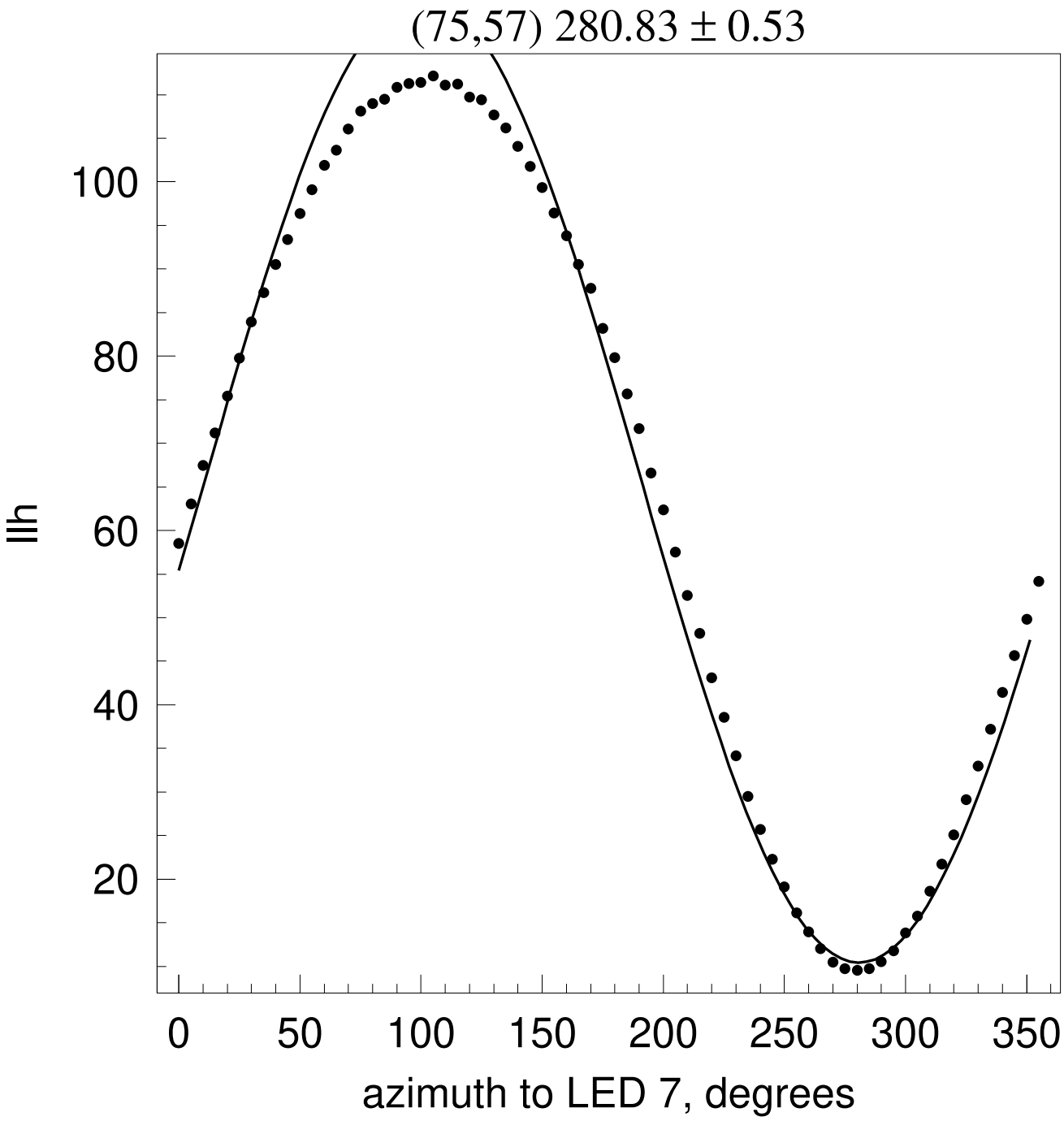

(75,52) 129.52 ± 0.58
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

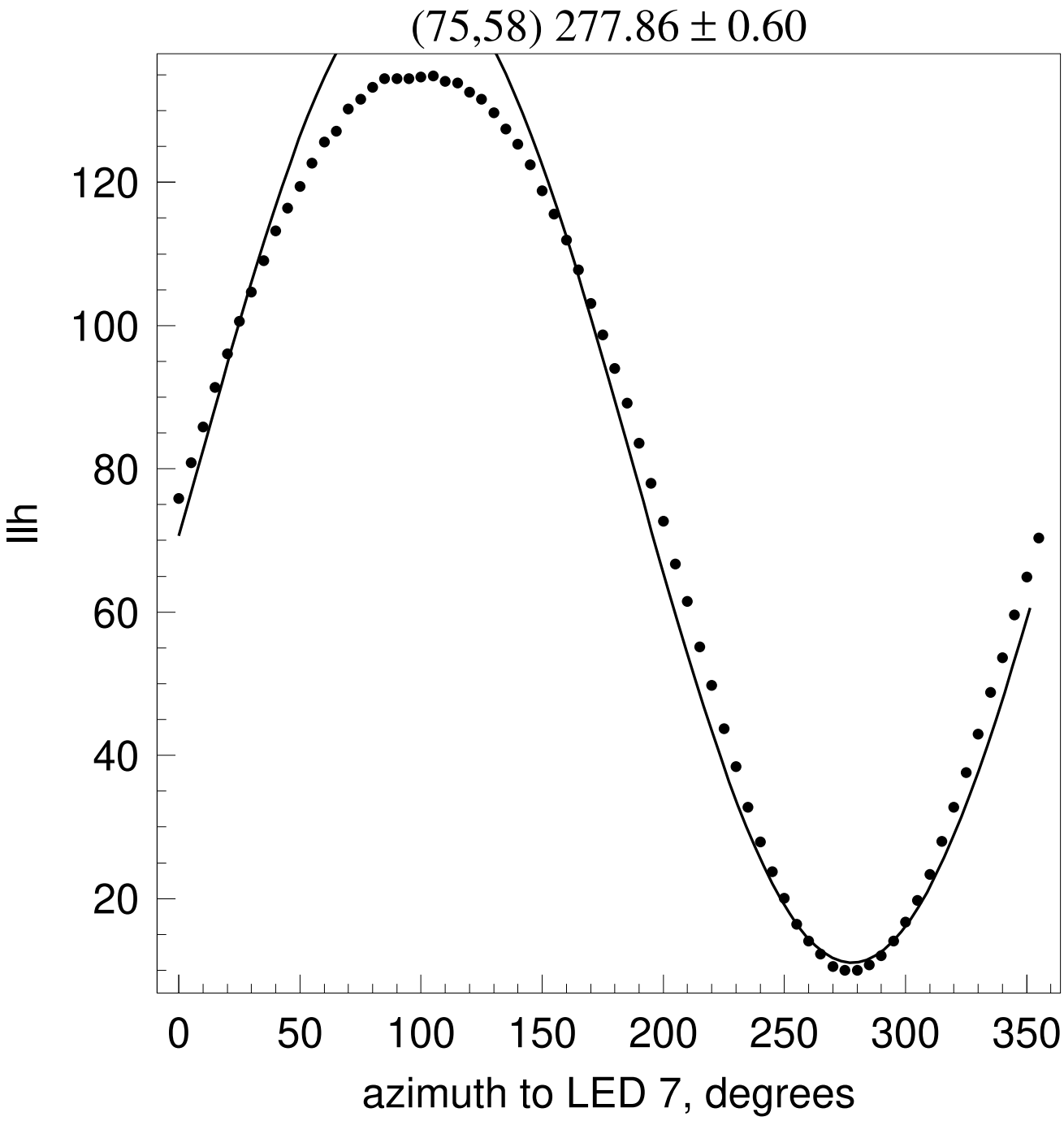

(75,53) 284.39 ± 0.23
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

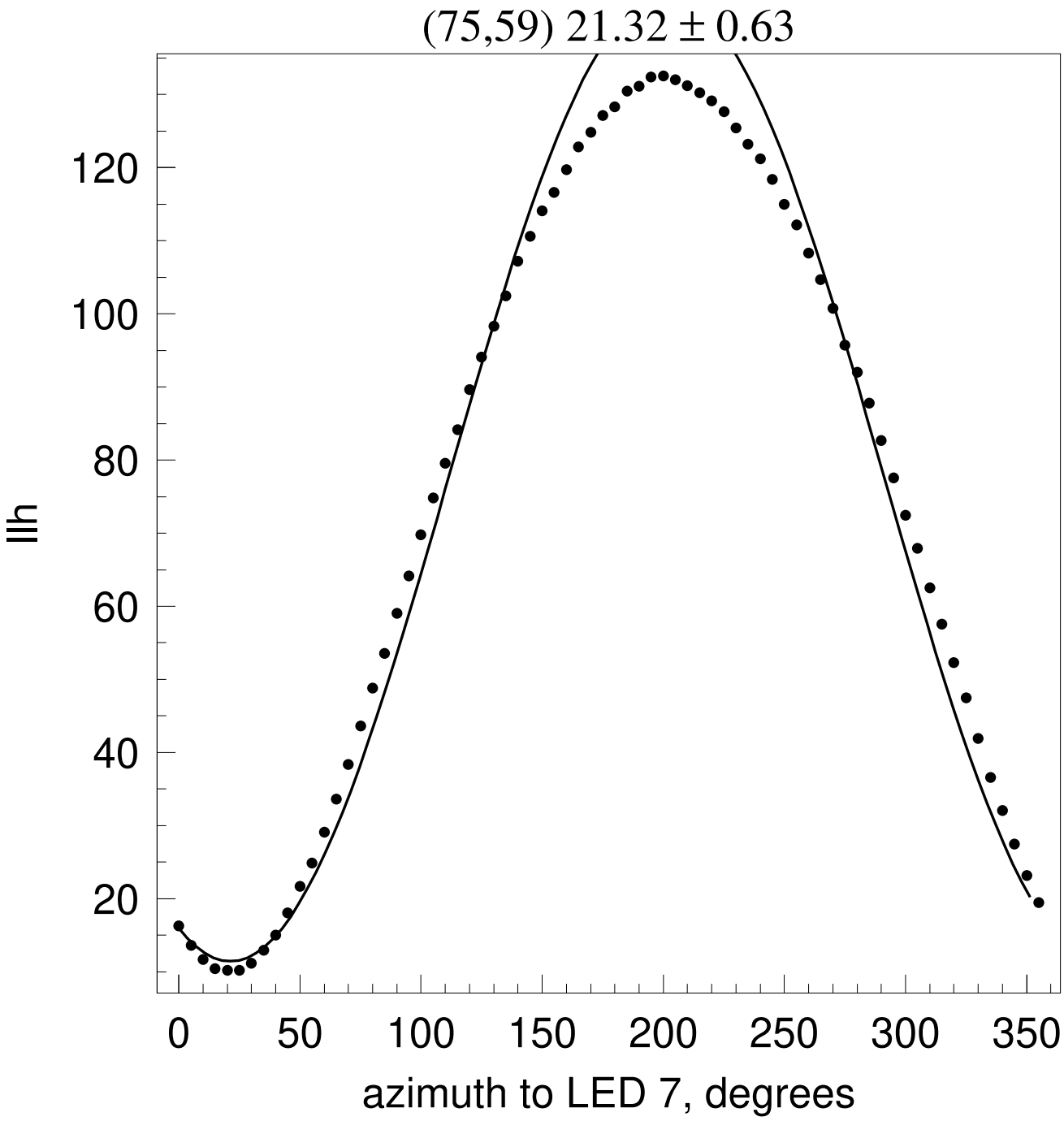

(75,54) 54.14 ± 0.23
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

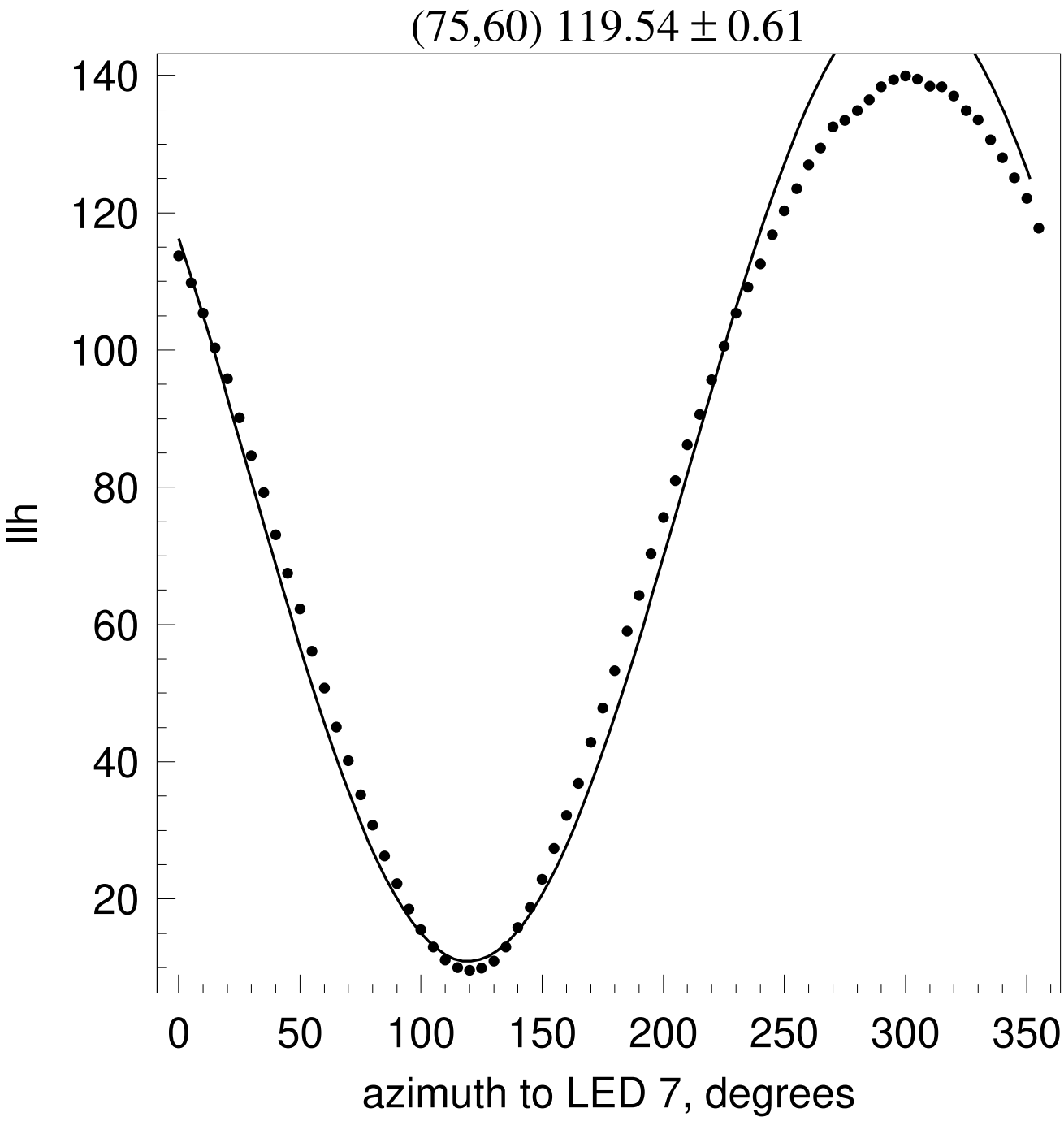

(75,55) 277.76 ± 0.34
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

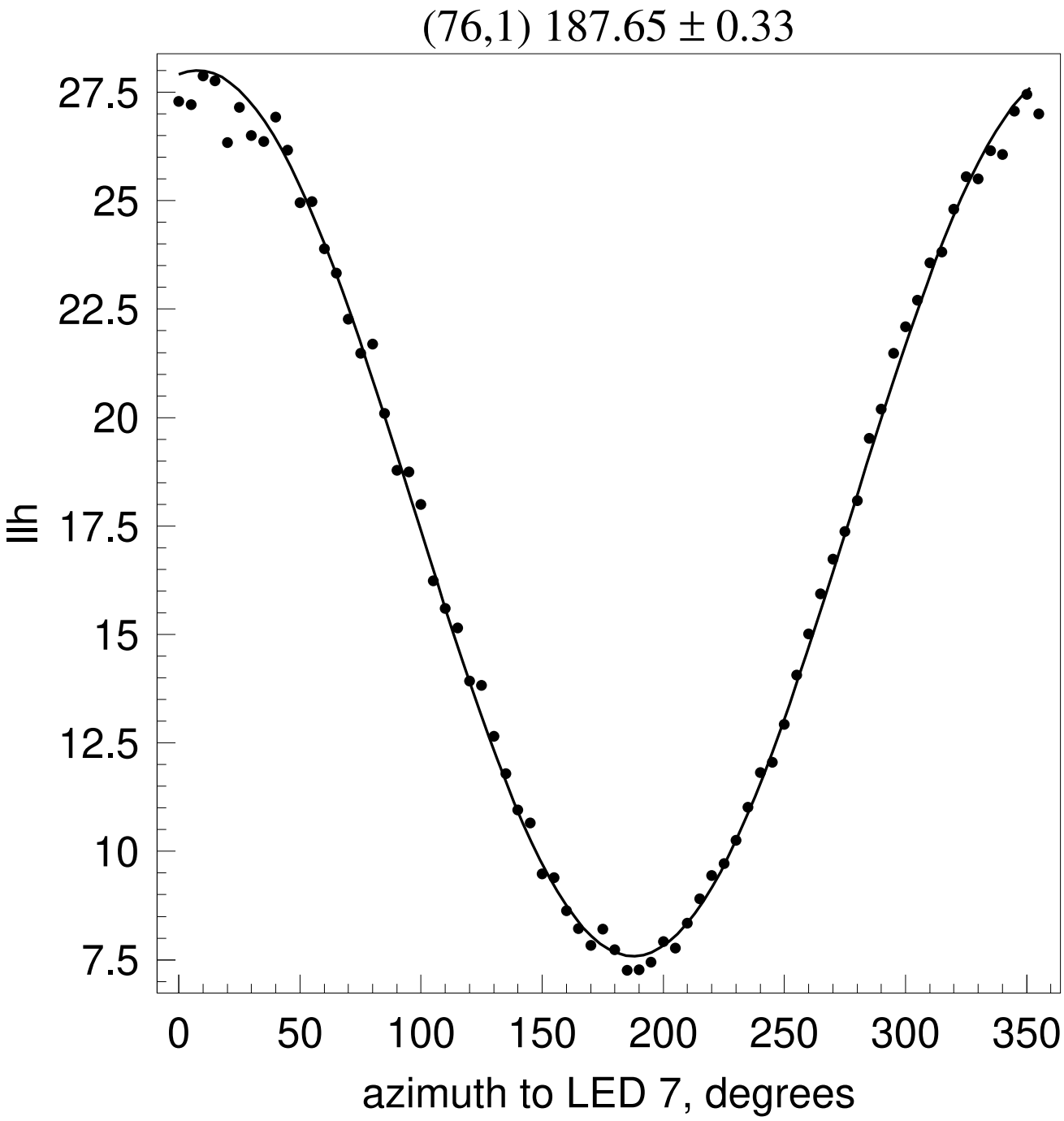

(75,56) 288.99 ± 0.43
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

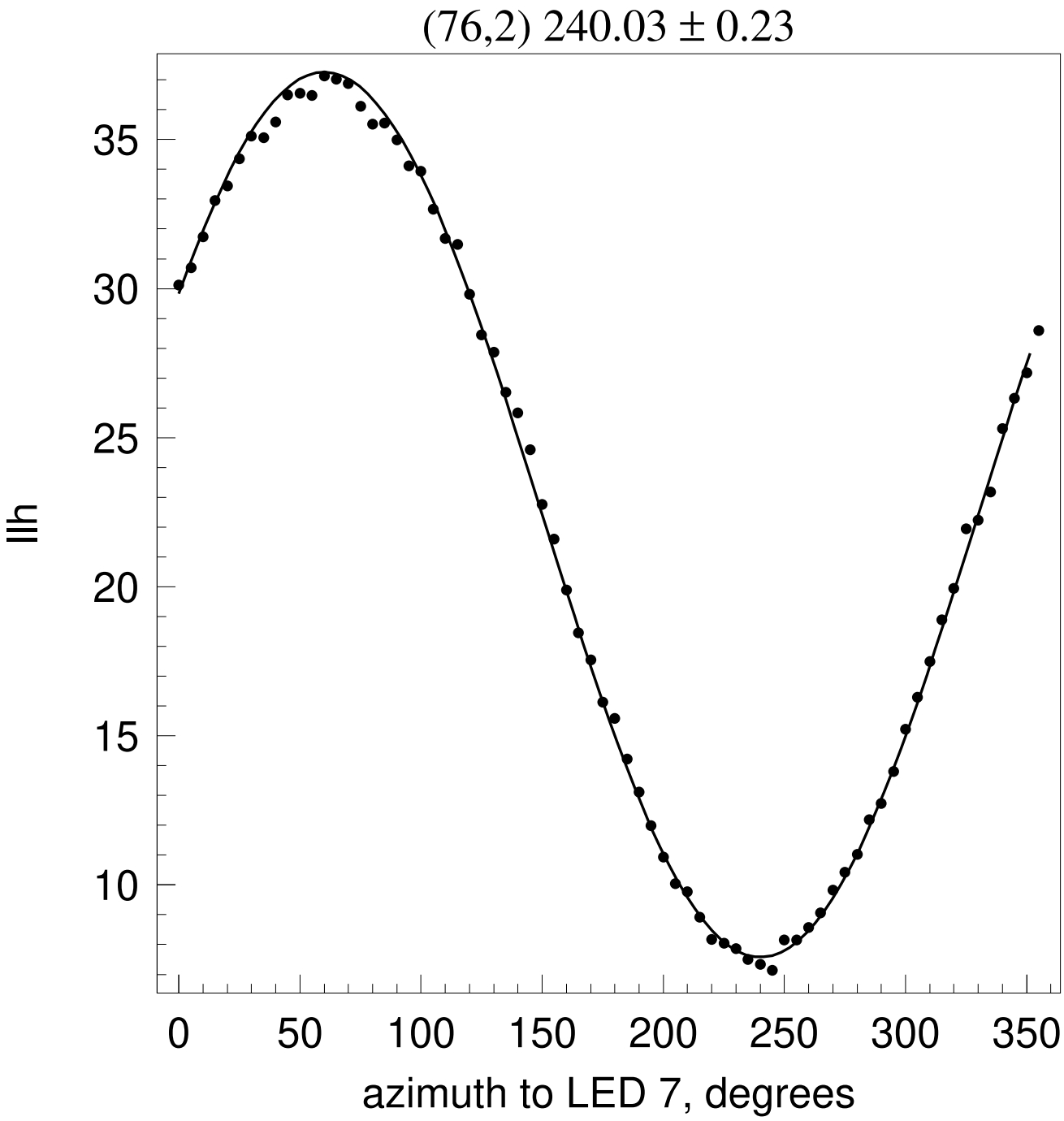

(75,57) 280.83 ± 0.53
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

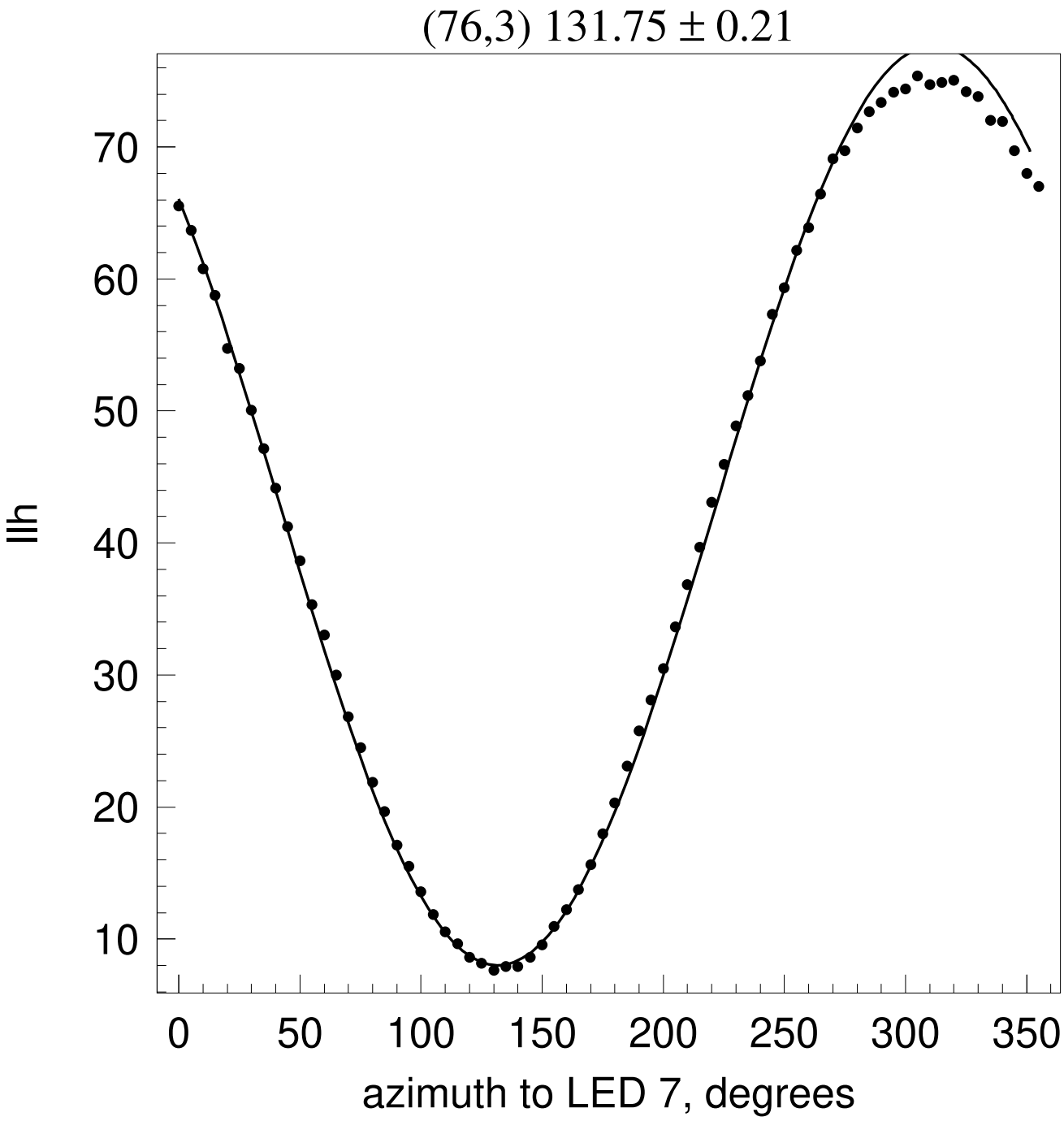

(75,58) 277.86 ± 0.60
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

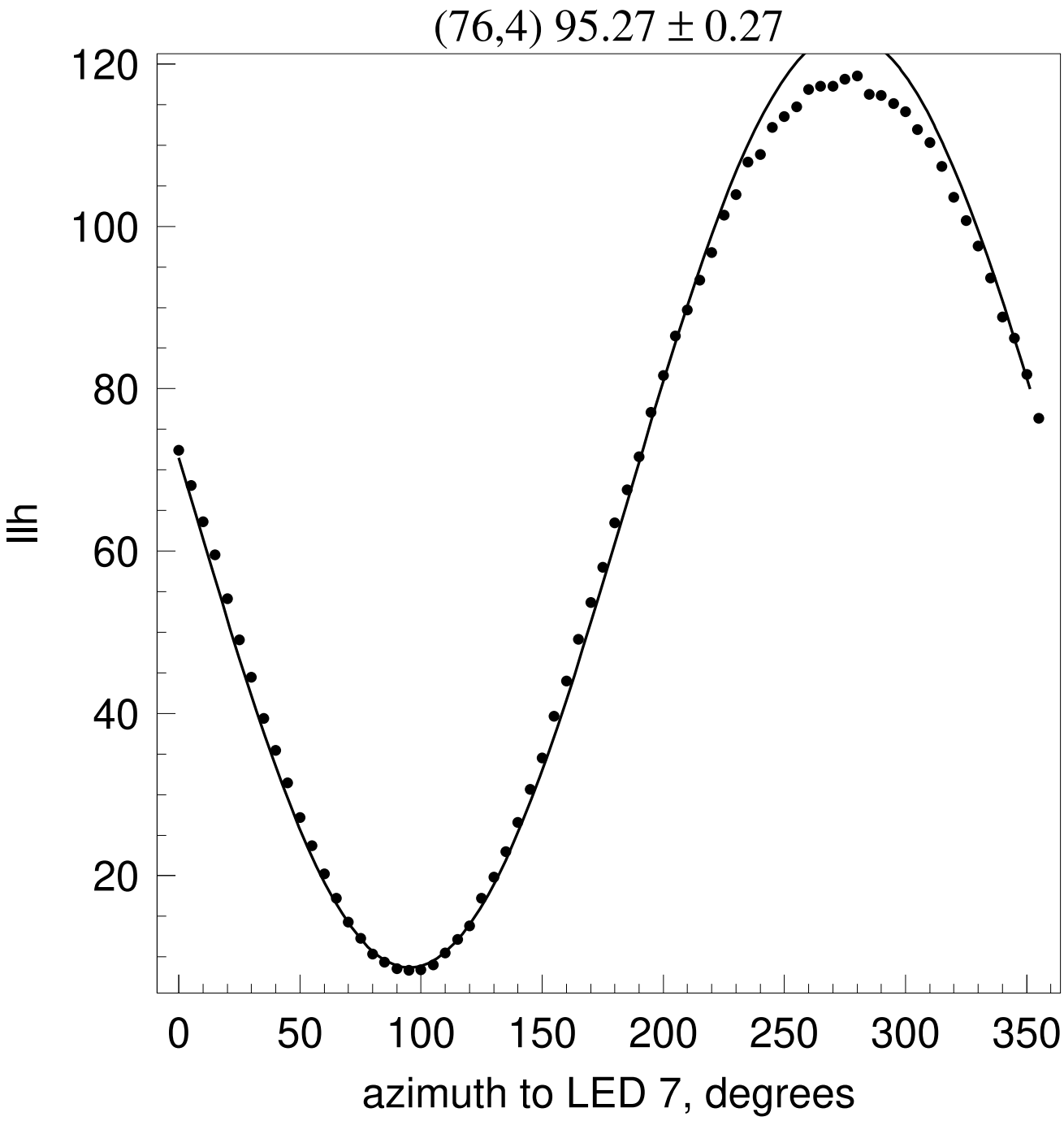

(75,59) 21.32 ± 0.63
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

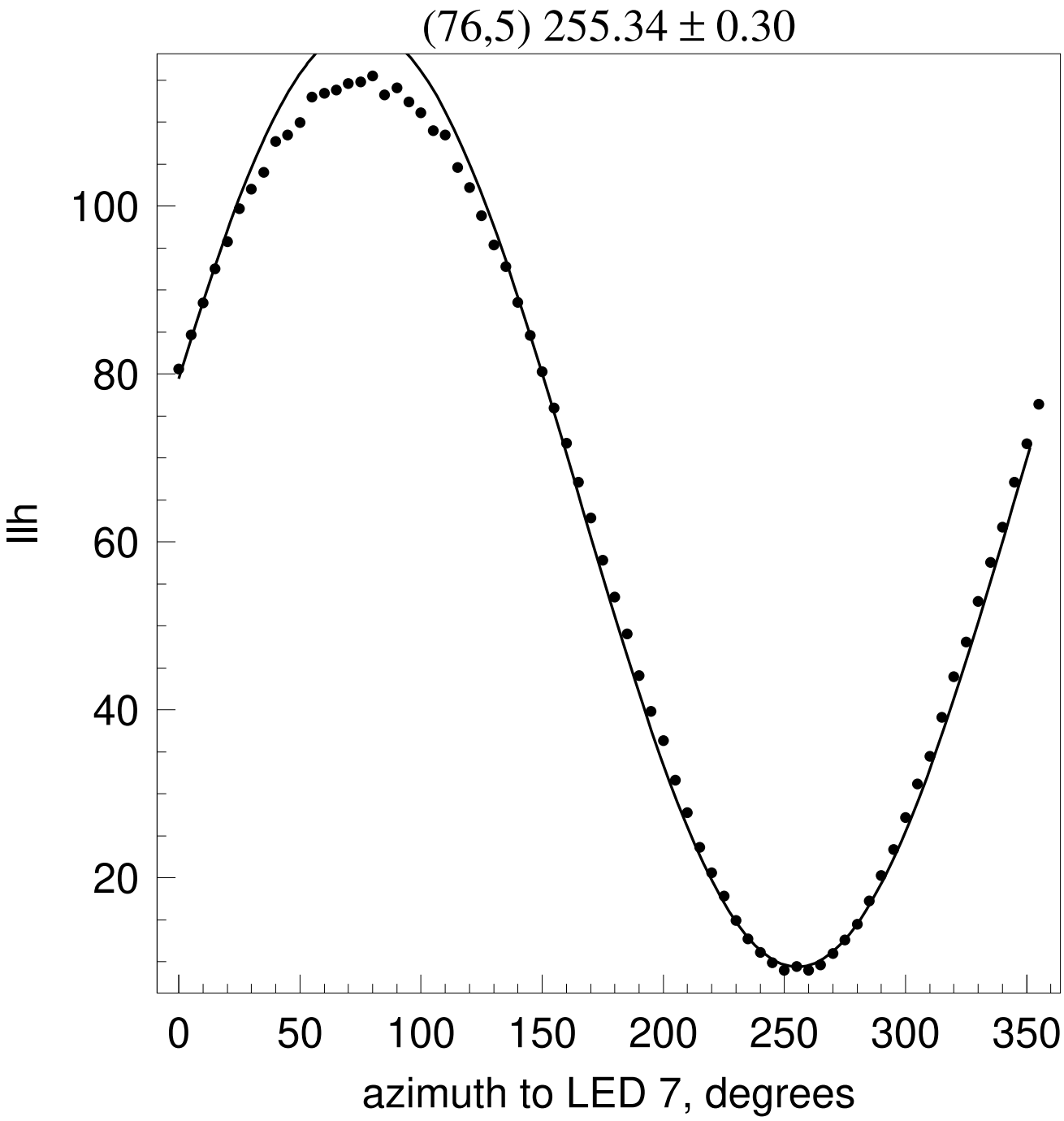

(75,60) 119.54 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

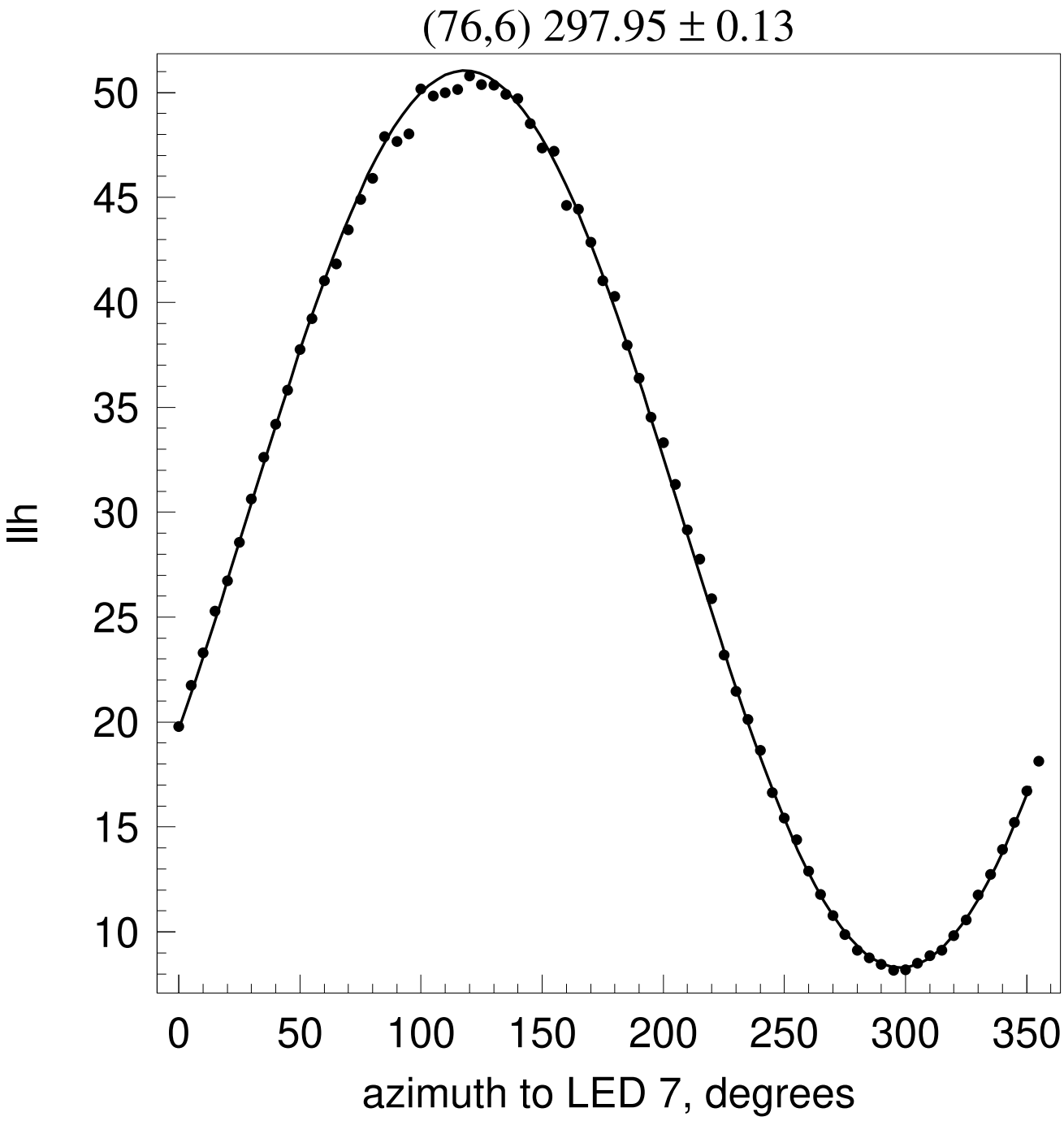

(76,1) 187.65 ± 0.33
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

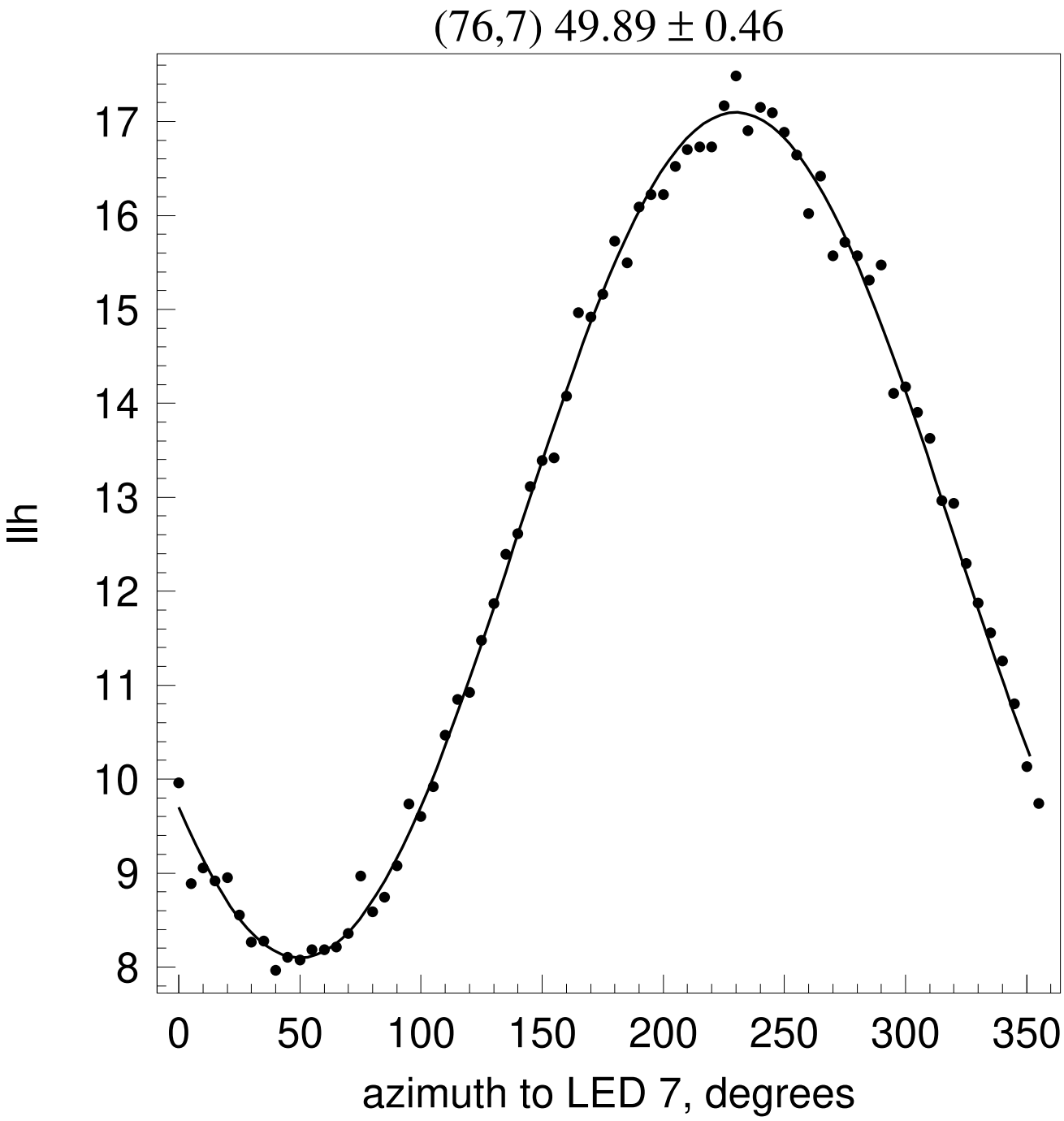

(76,2) 240.03 ± 0.23
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

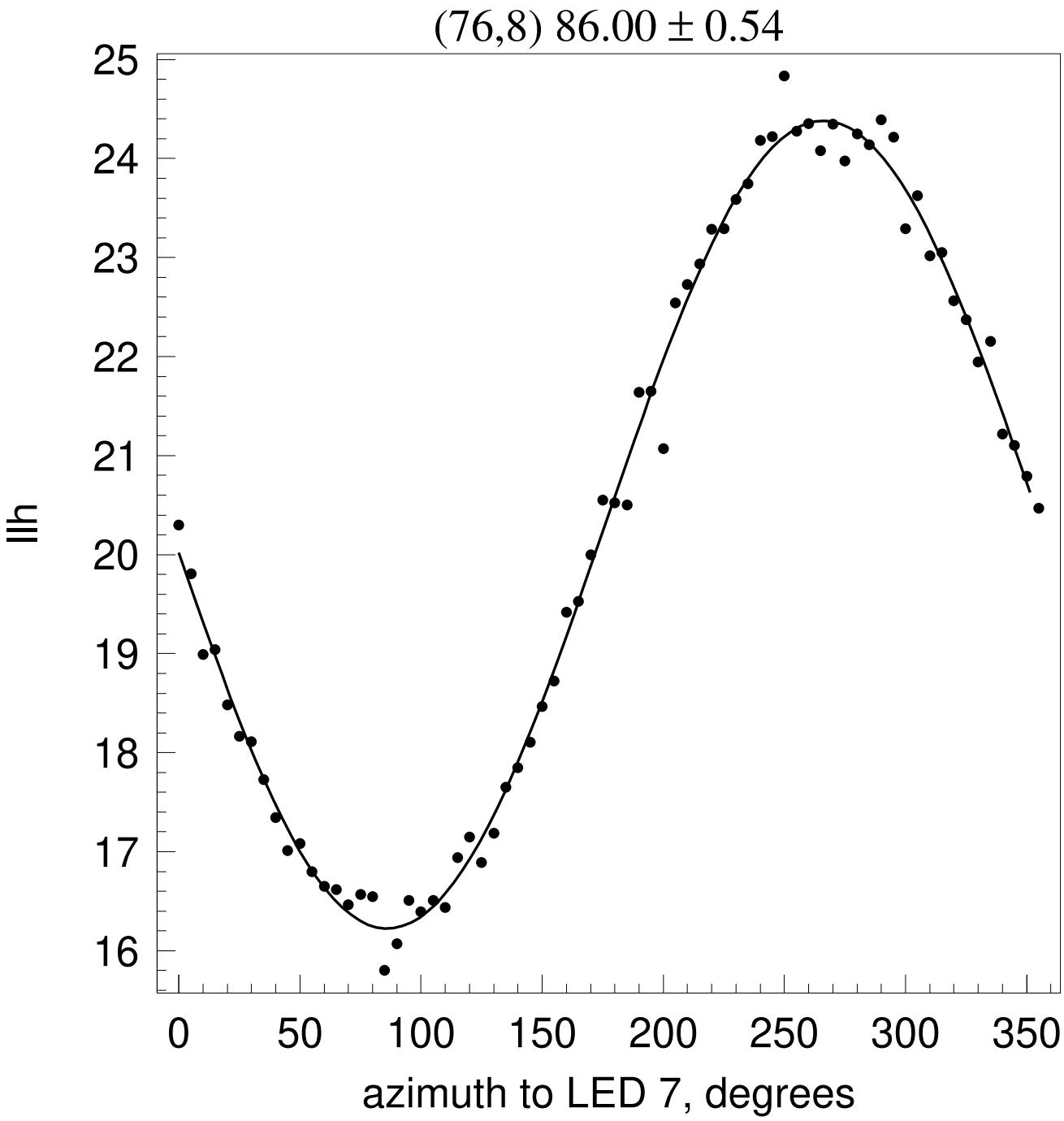

(76,3) 131.75 ± 0.21
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

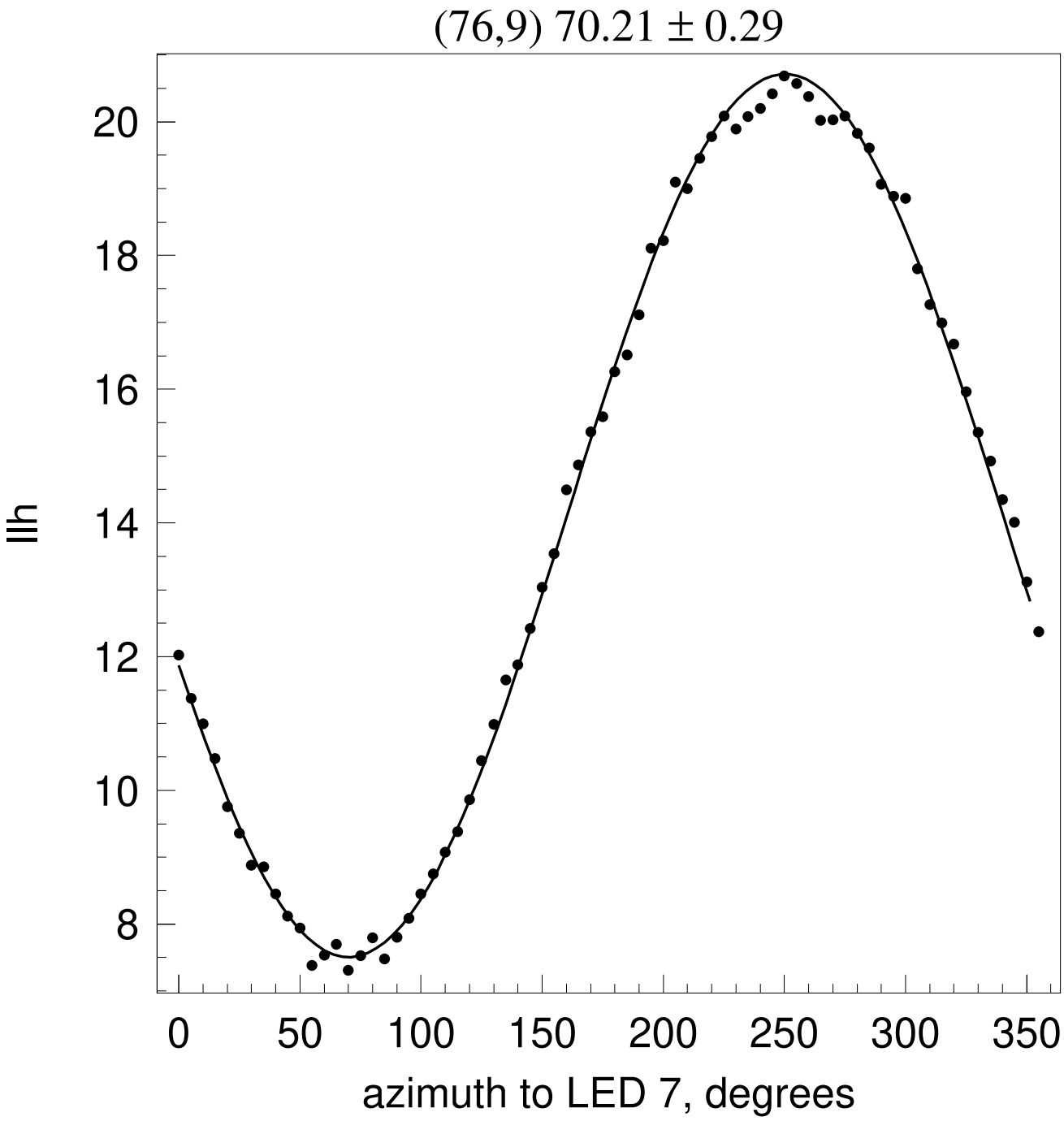

(76,4) 95.27 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

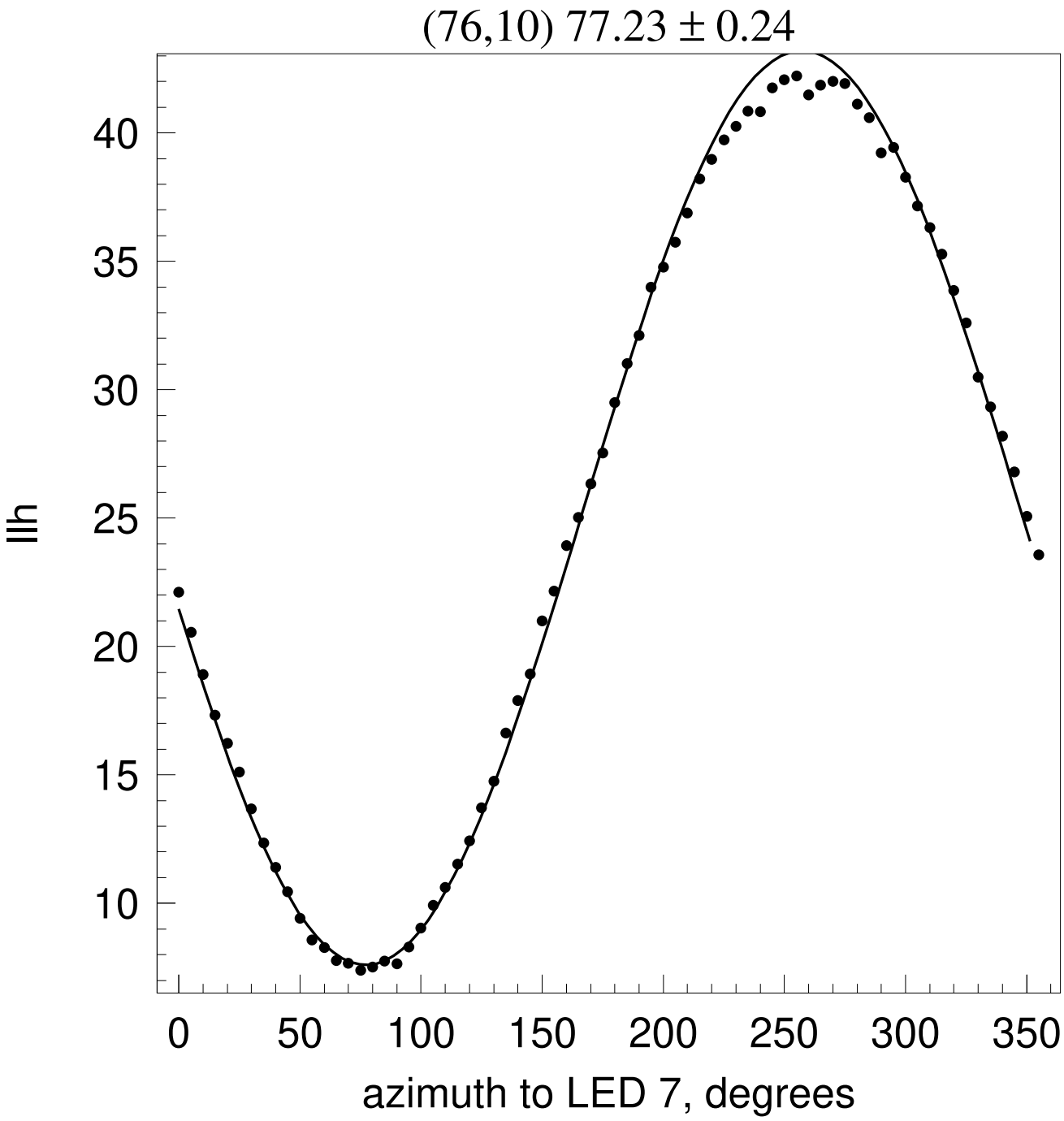

(76,5) 255.34 ± 0.30
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

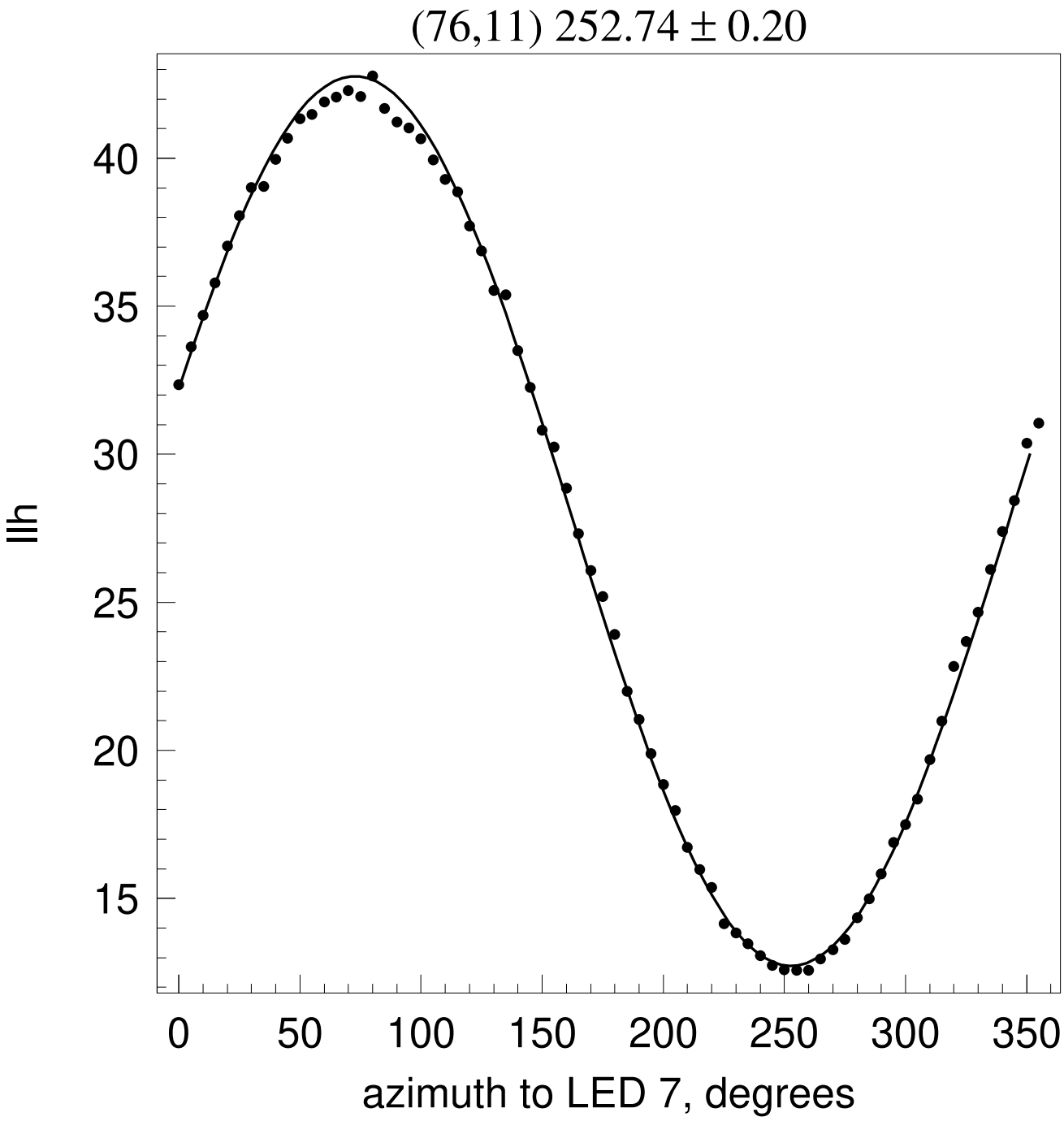

(76,6) 297.95 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

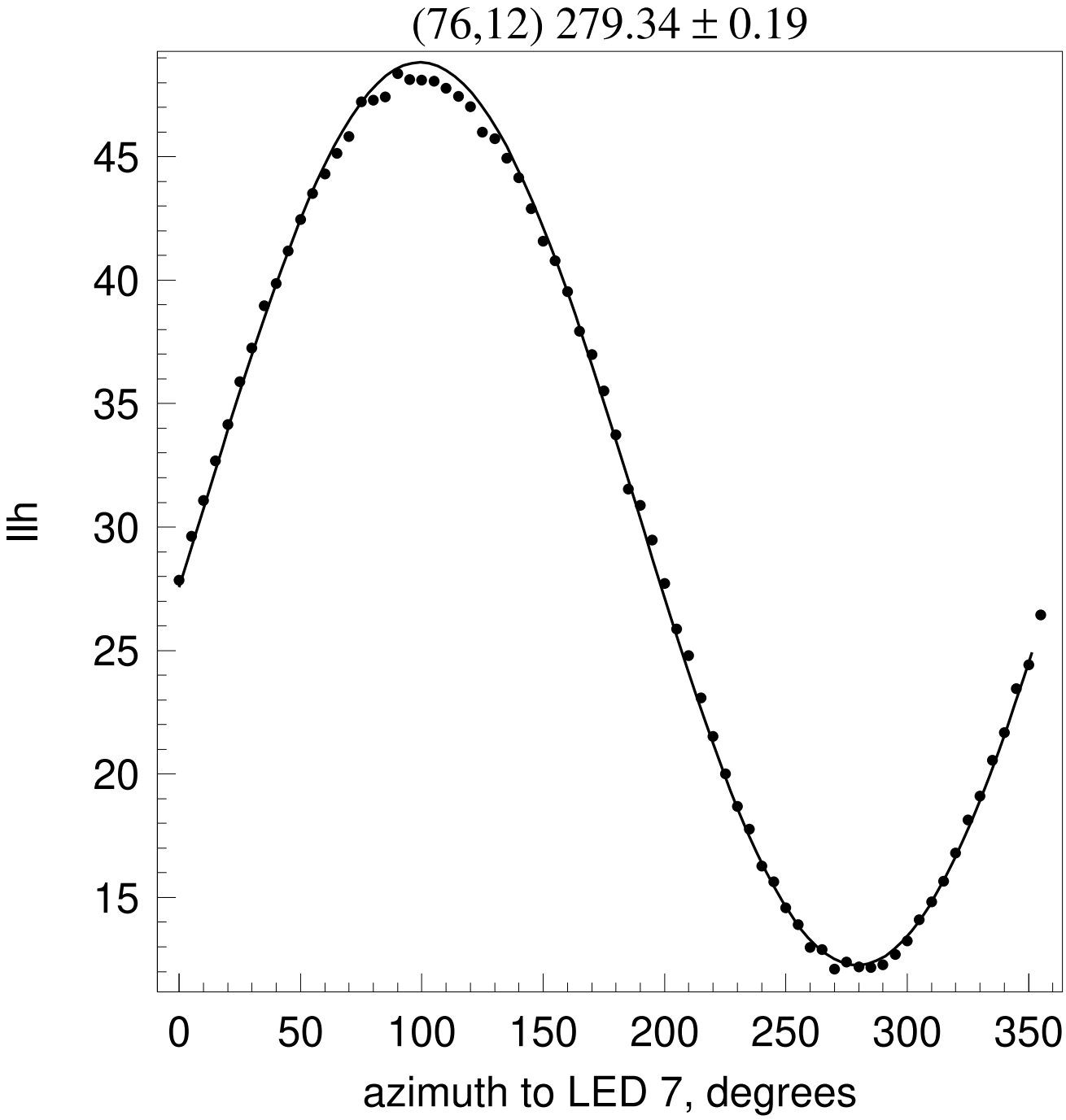

(76,7) 49.89 ± 0.46
17
16
15
14
13
12
11
10
9
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

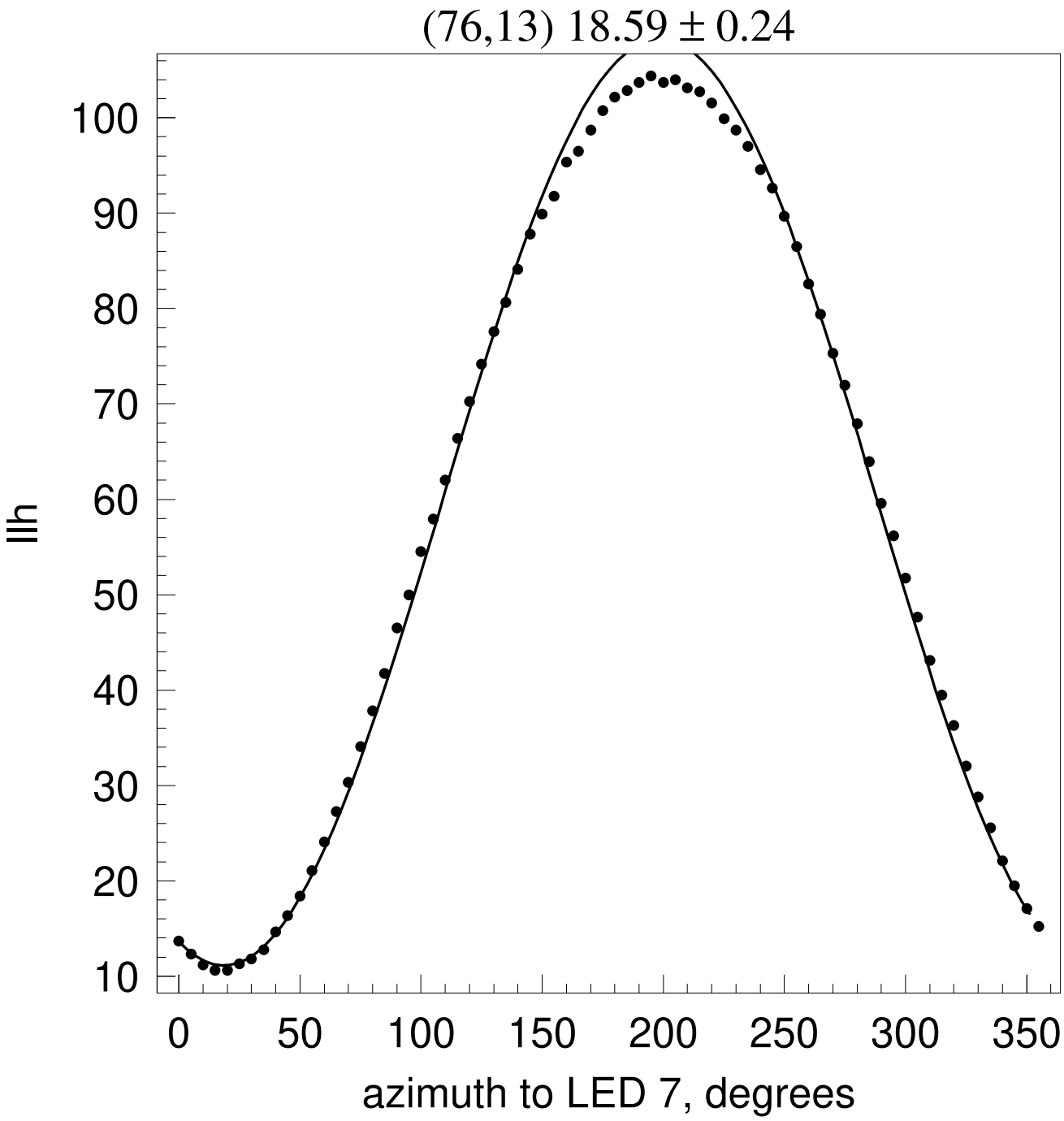

(76,8) 86.00 ± 0.54
25
24
23
22
21
20
19
18
17
16
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

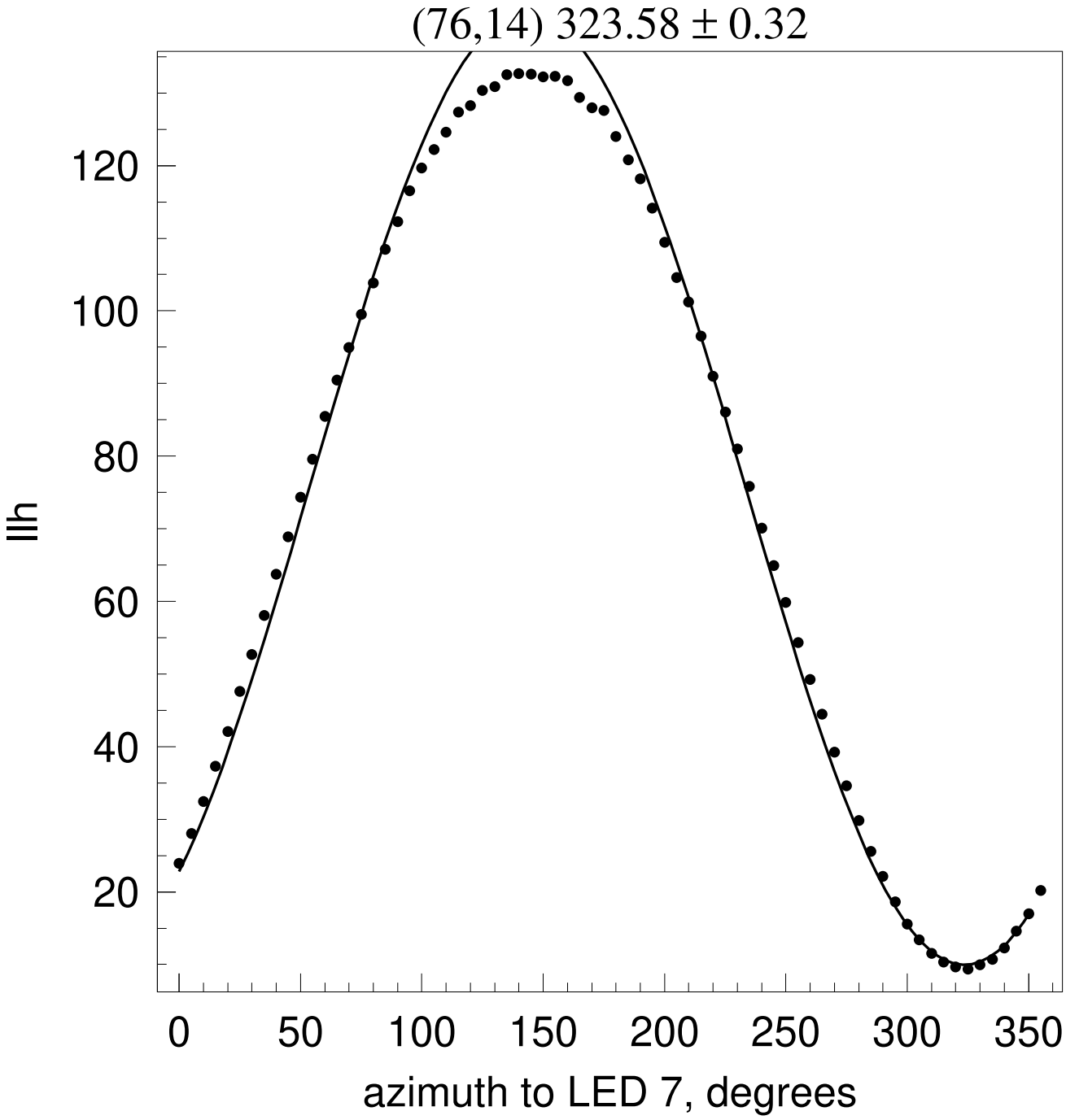

(76,9) 70.21 ± 0.29
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

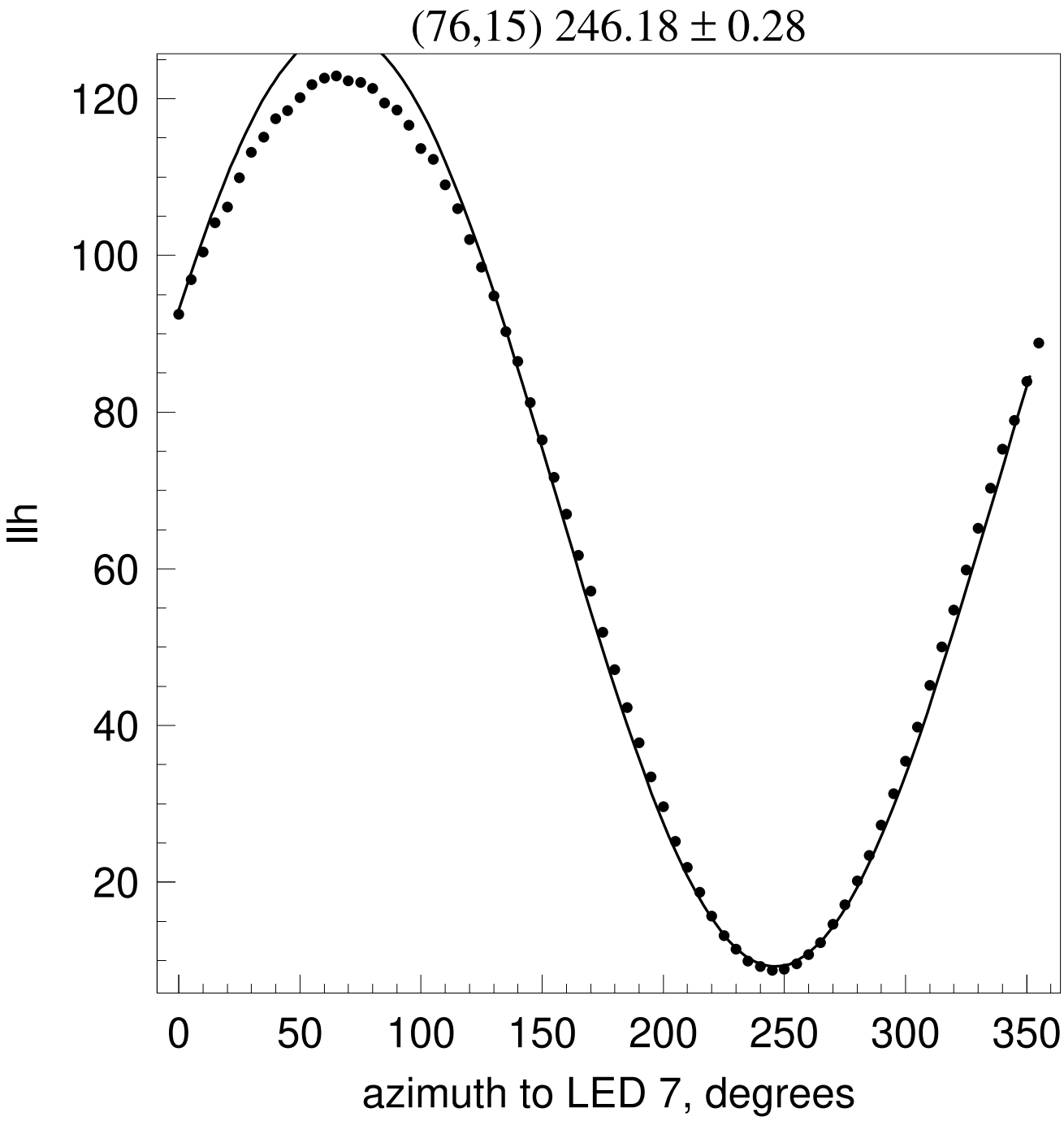

(76,10) 77.23 ± 0.24
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

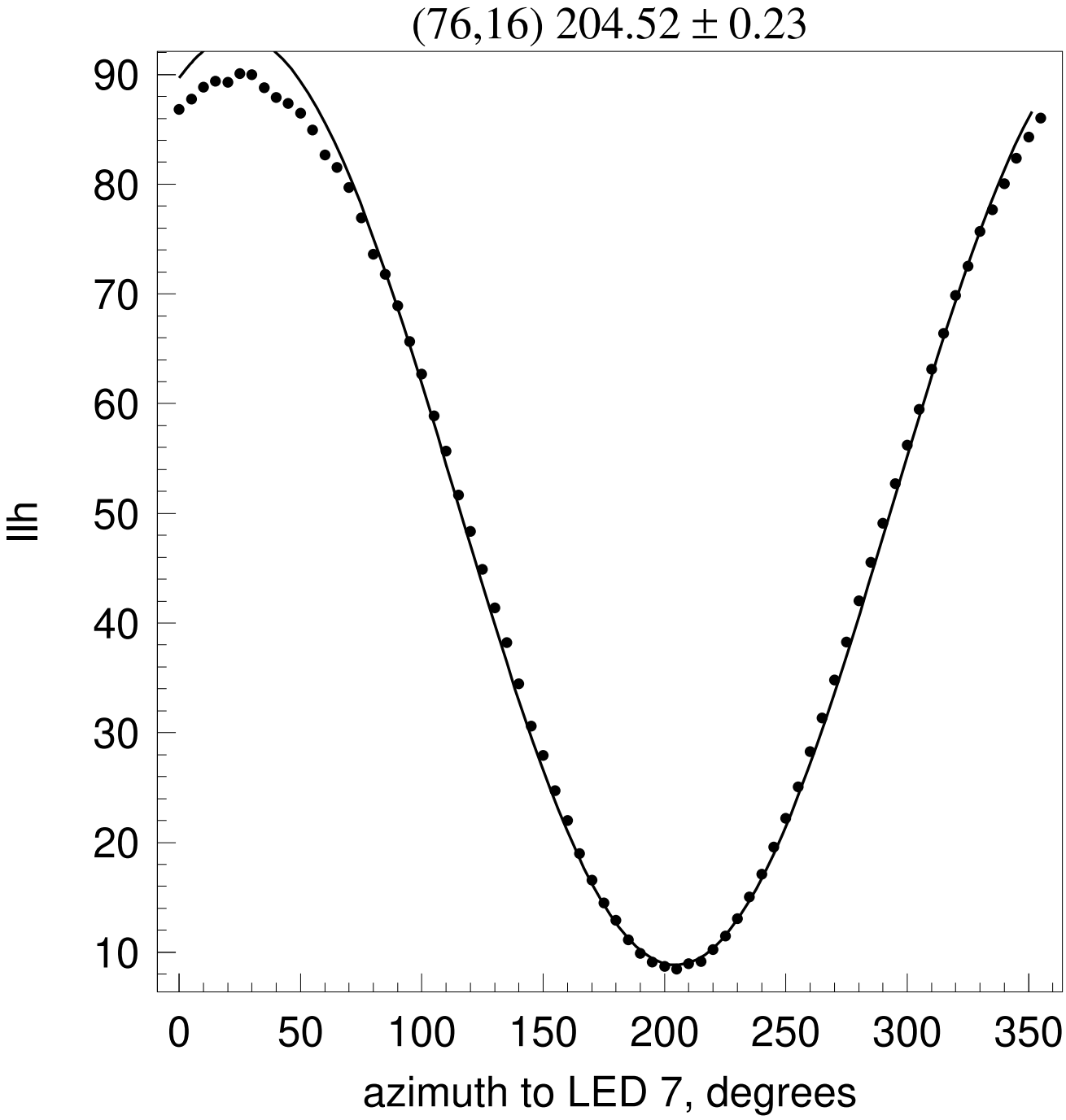

(76,11) 252.74 ± 0.20
40
35
30
25
20
15
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

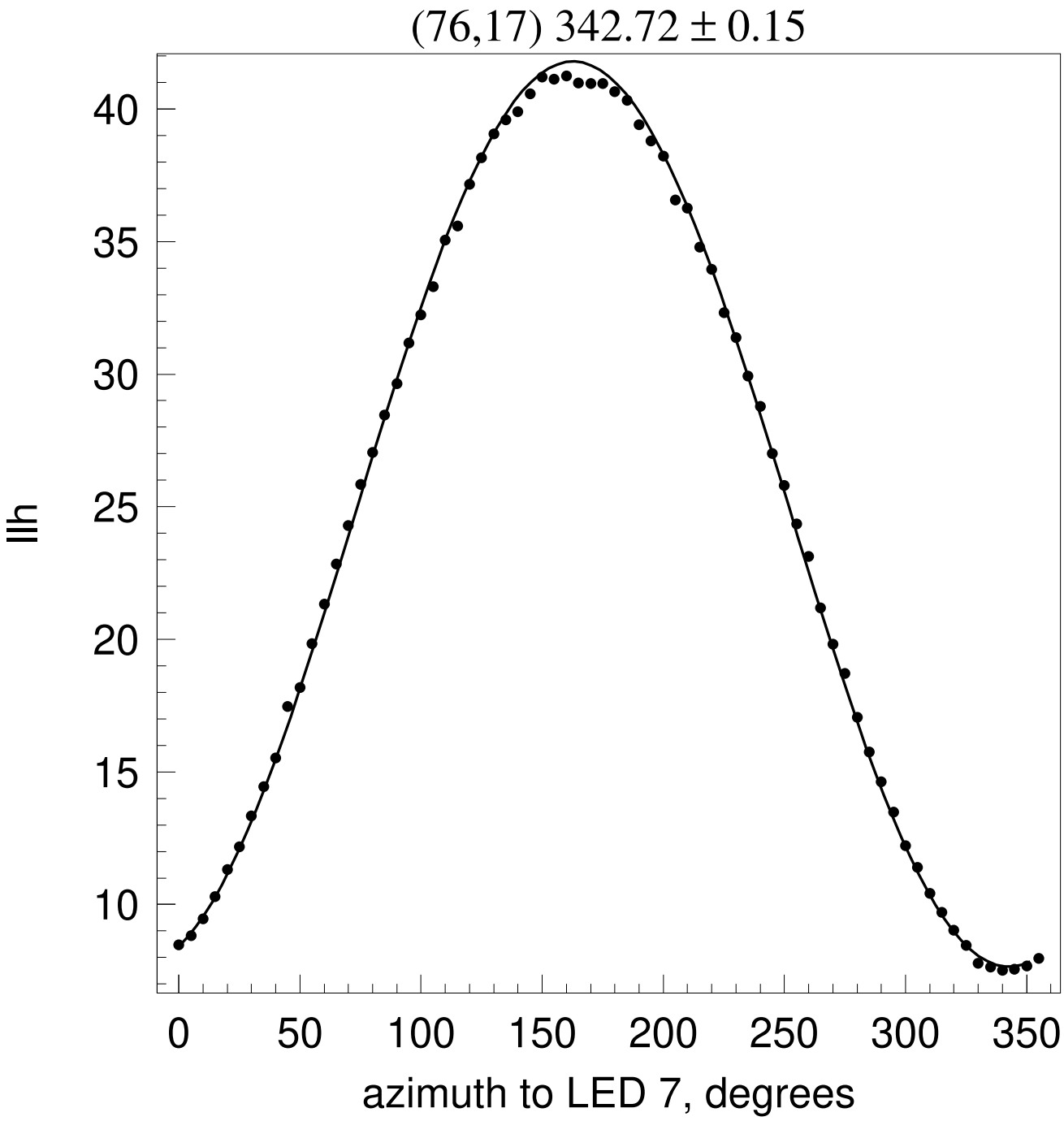

(76,12) 279.34 ± 0.19
45
40
35
30
25
20
15
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

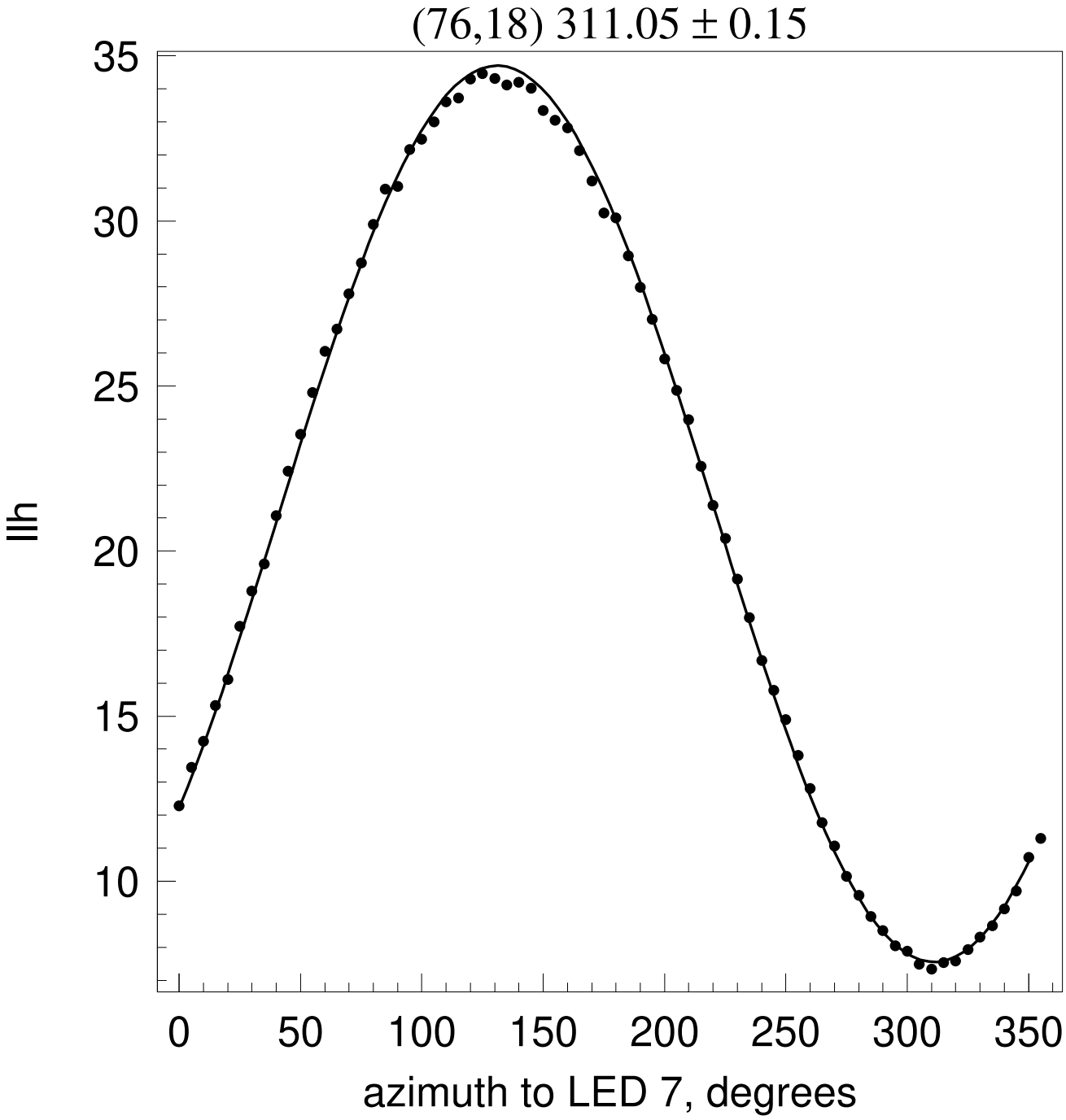

(76,13) 18.59 ± 0.24
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

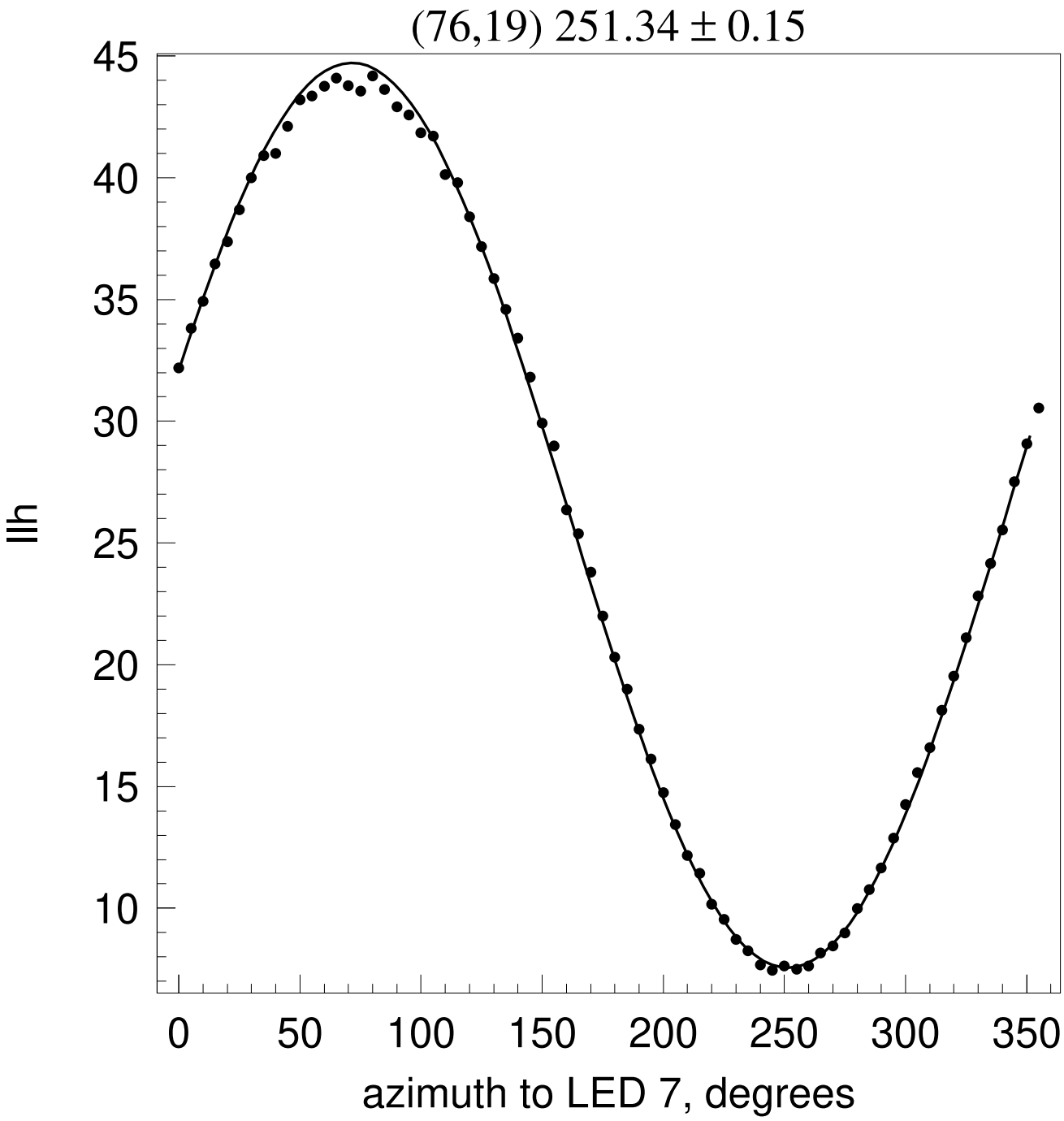

(76,14) 323.58 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

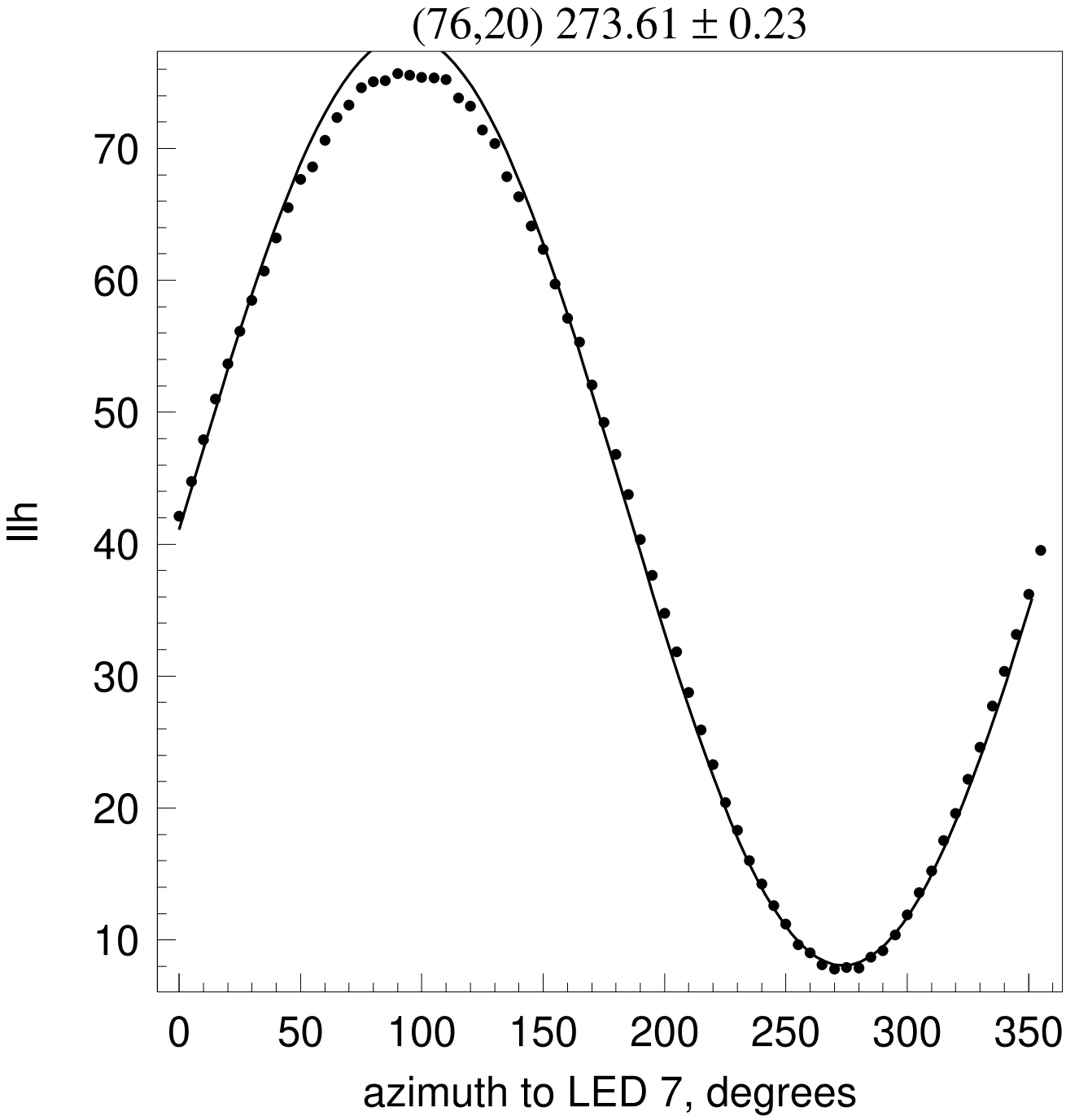

(76,15) 246.18 ± 0.28
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

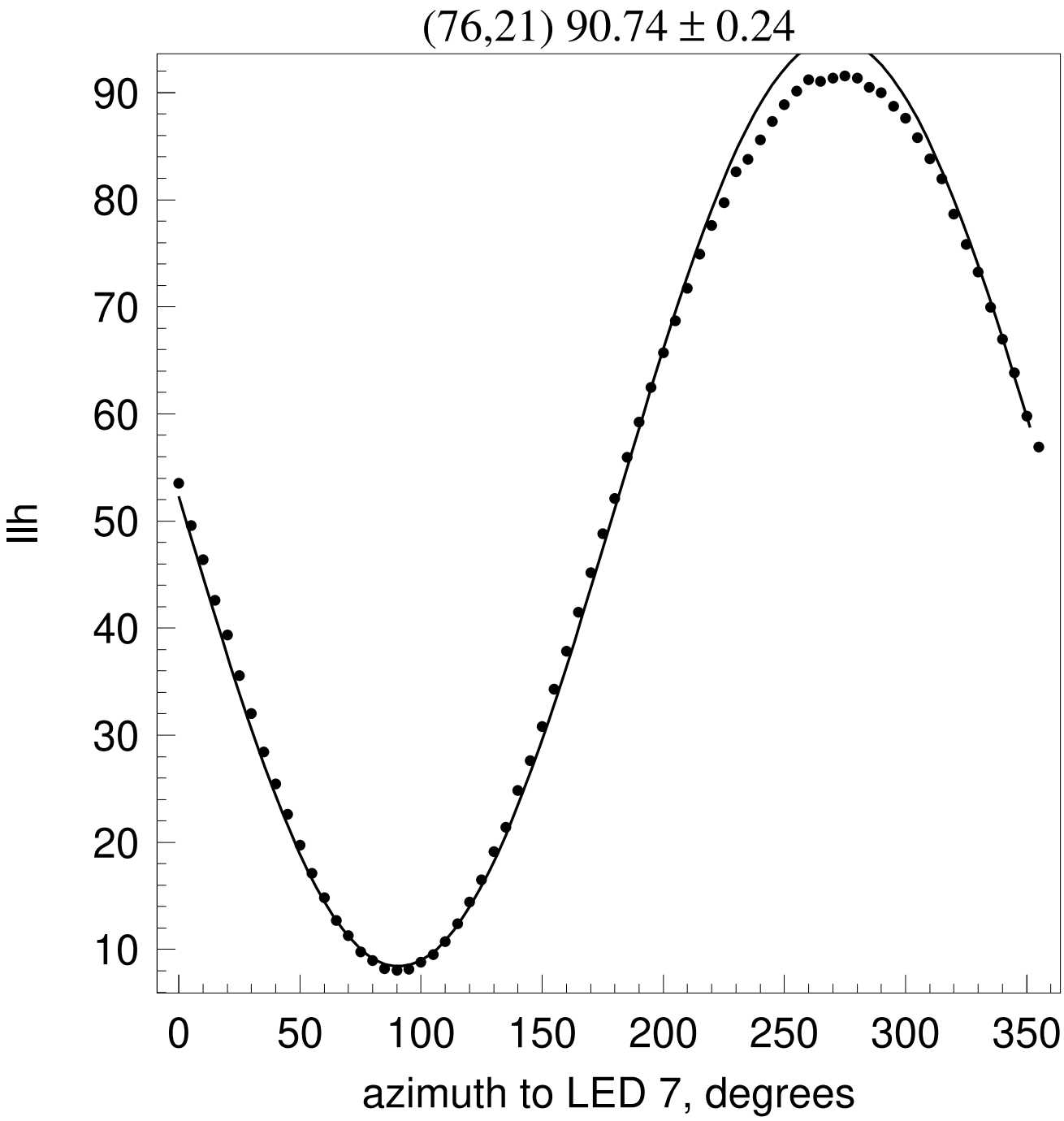

(76,16) 204.52 ± 0.23
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

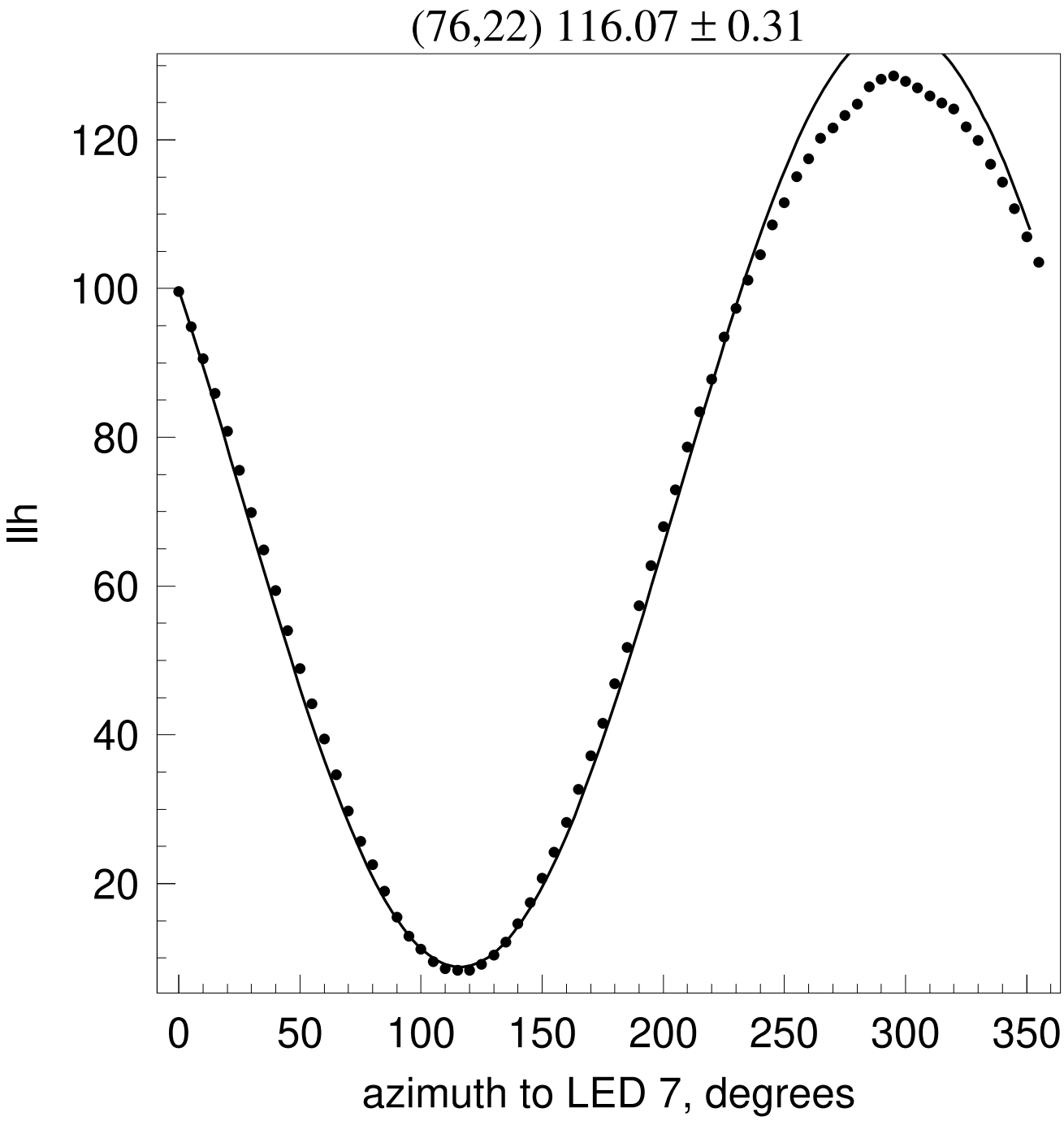

(76,17) 342.72 ± 0.15
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

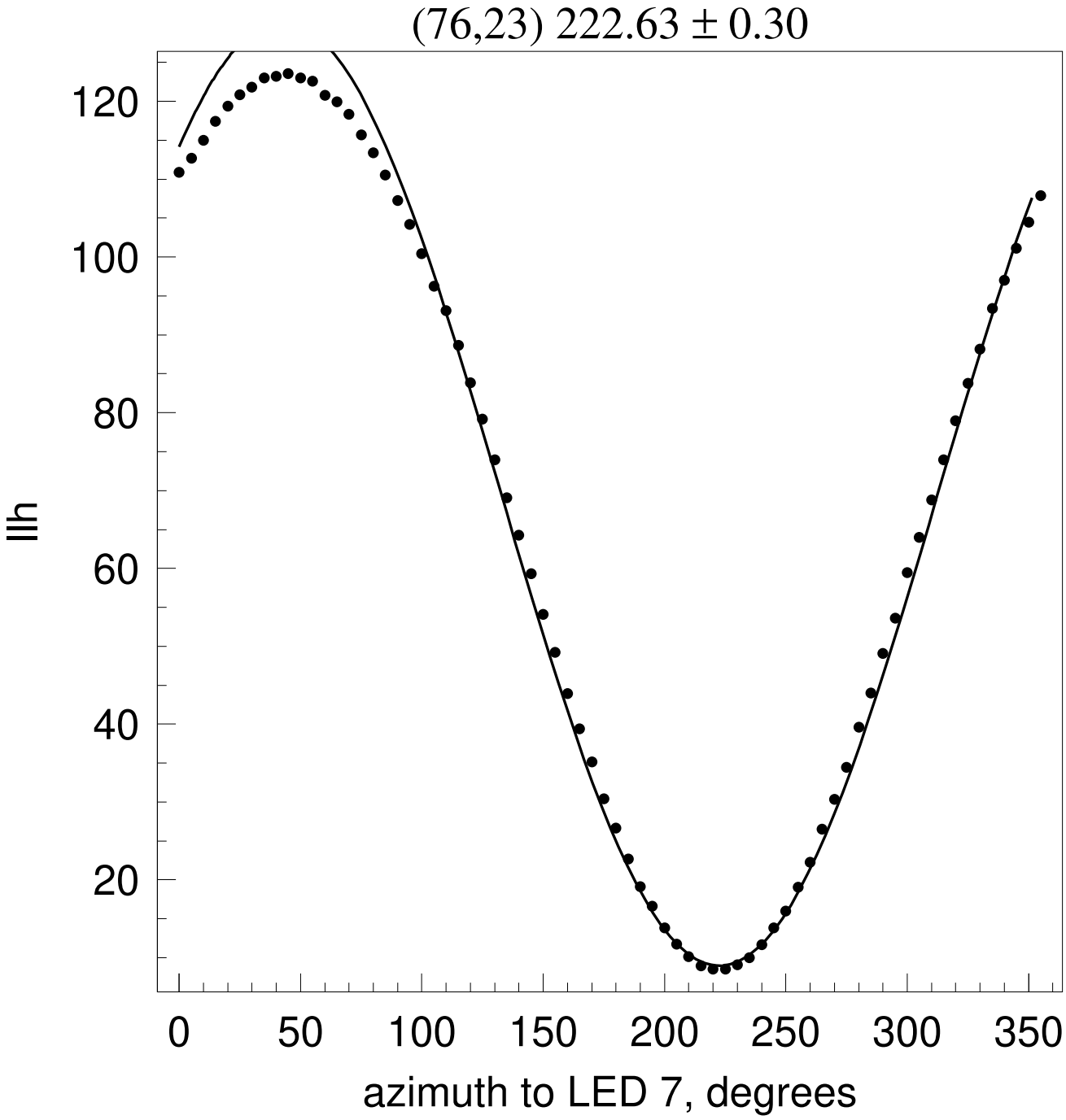

(76,18) 311.05 ± 0.15
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

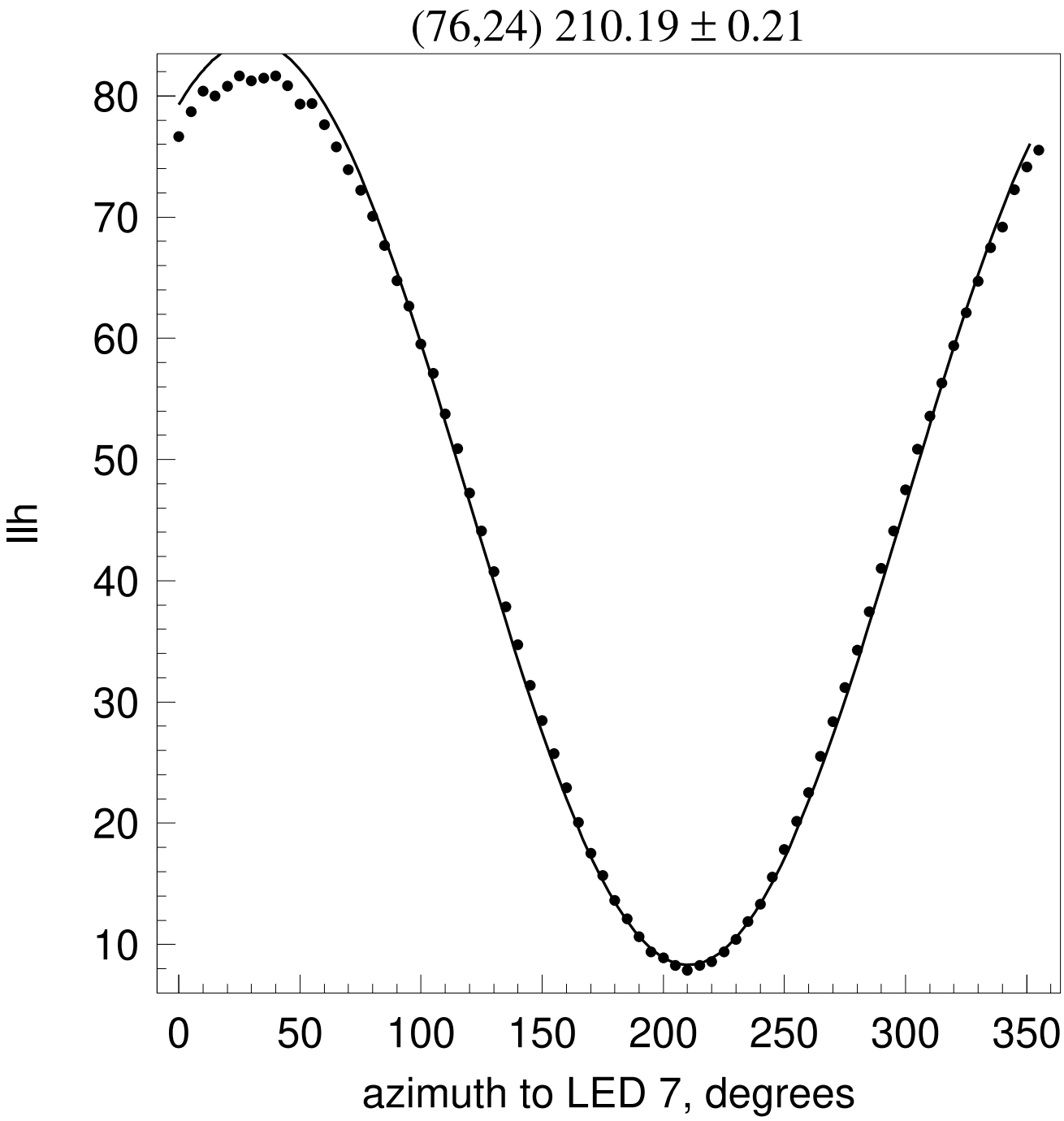

(76,19) 251.34 ± 0.15
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

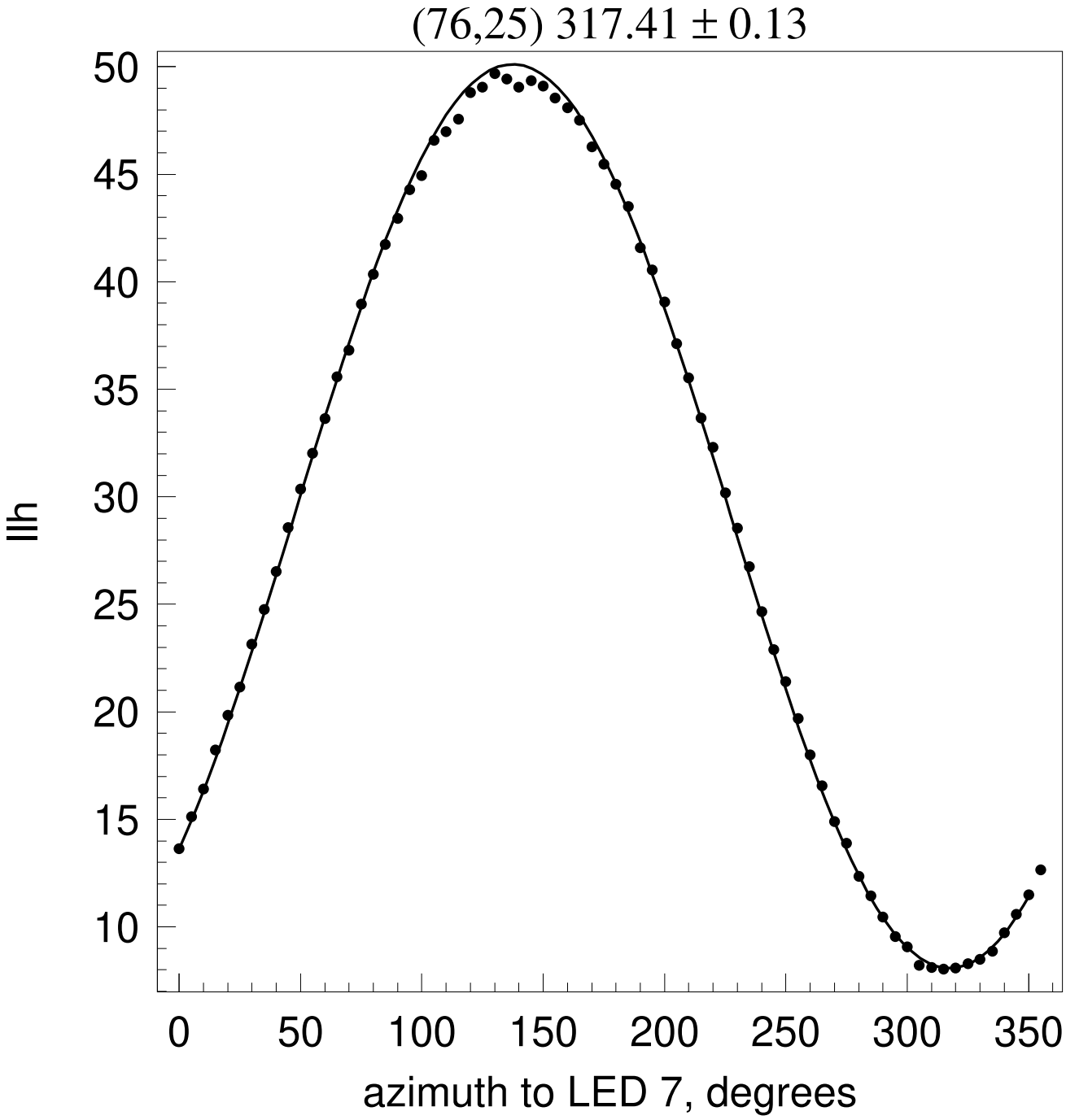

(76,20) 273.61 ± 0.23
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

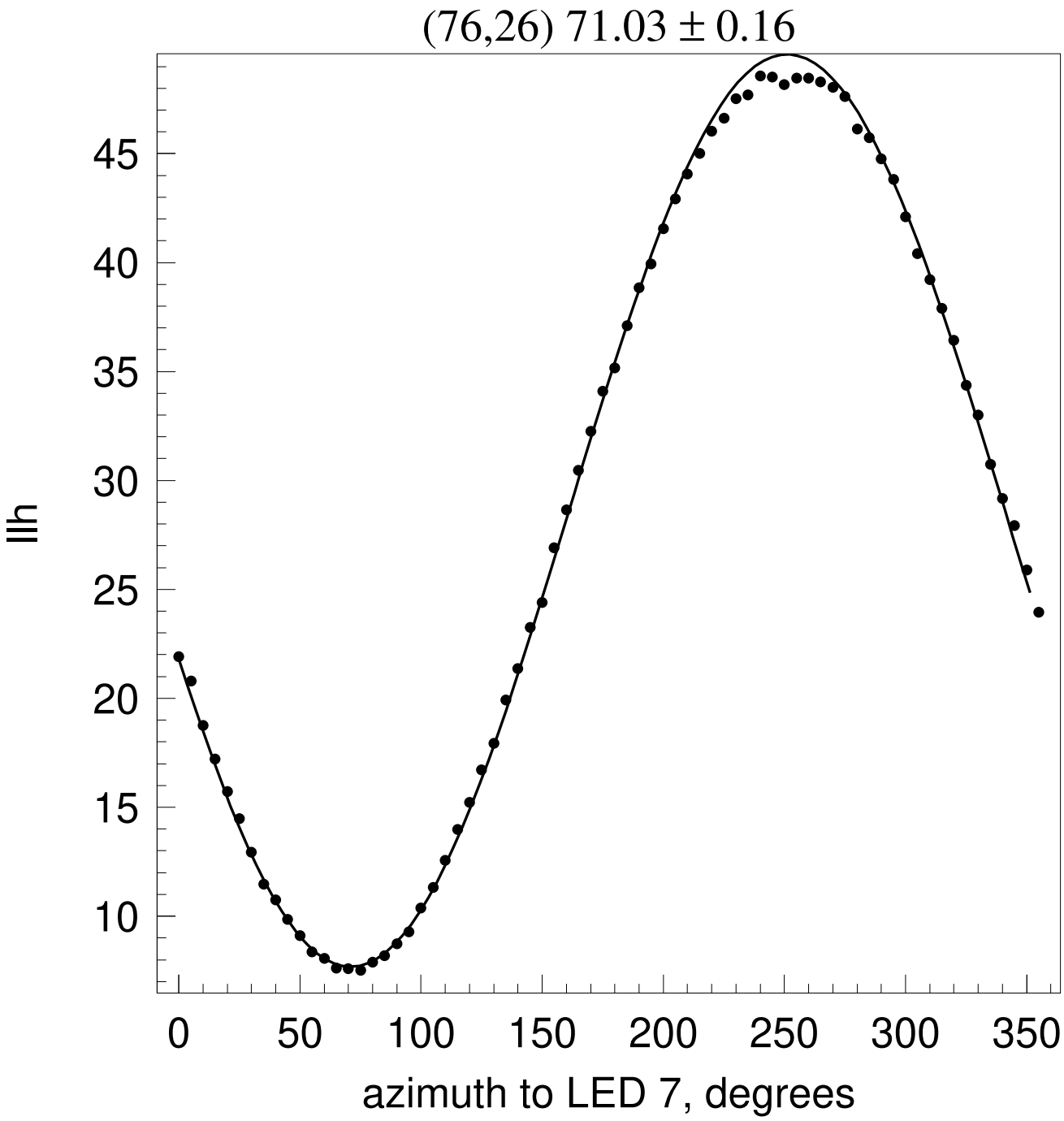

(76,21) 90.74 ± 0.24
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

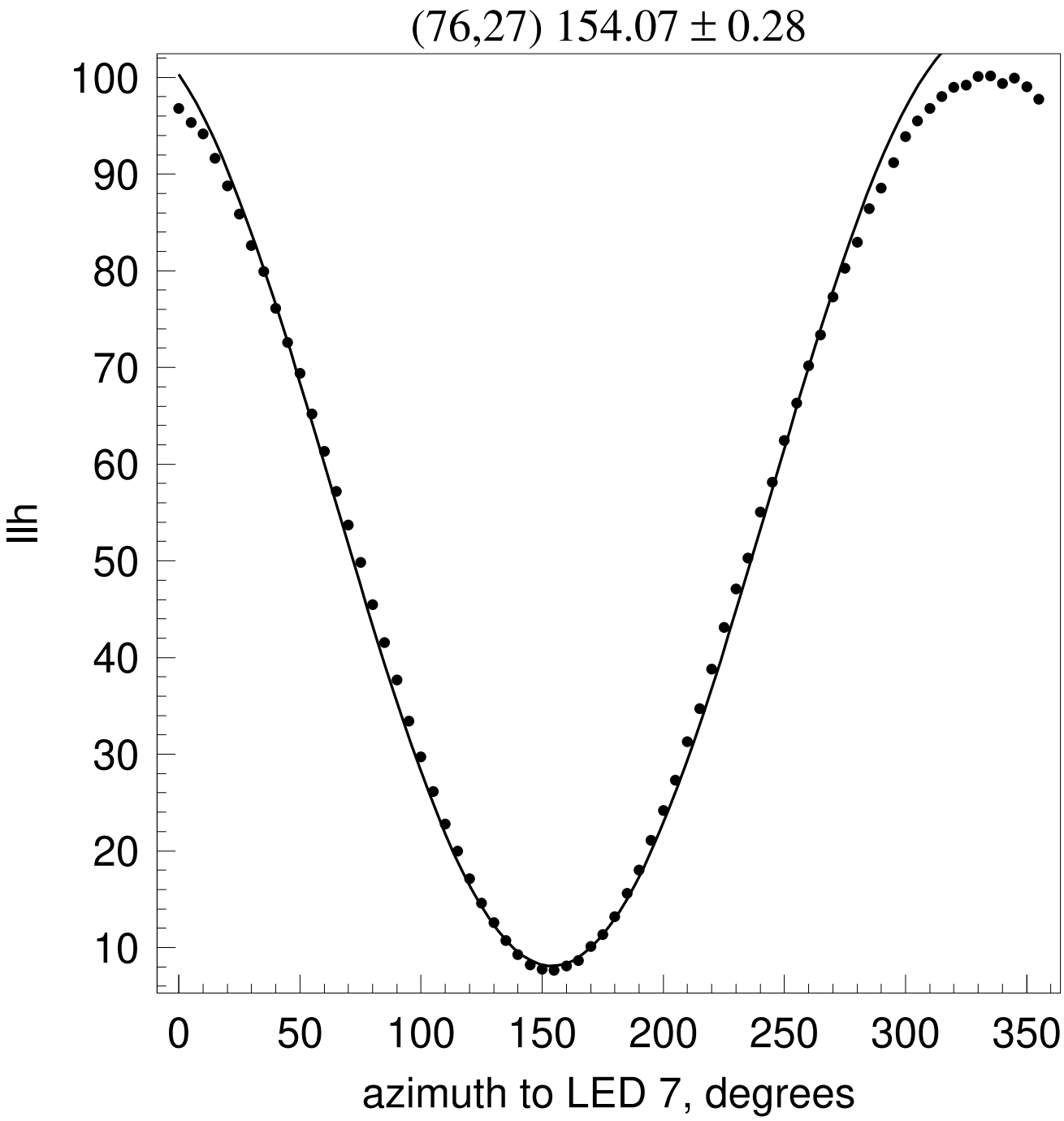

(76,22) 116.07 ± 0.31
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

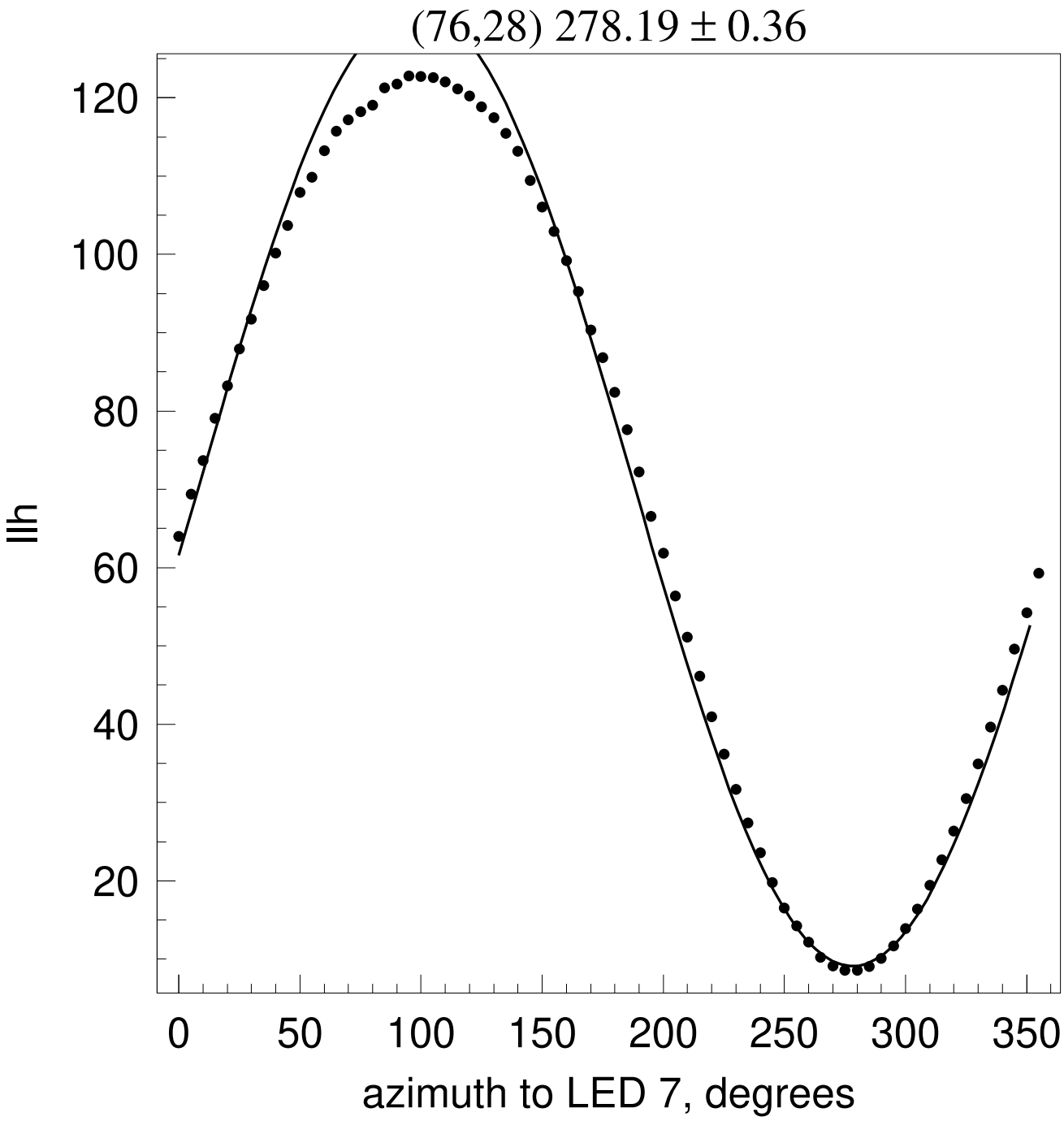

(76,23) 222.63 ± 0.30
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

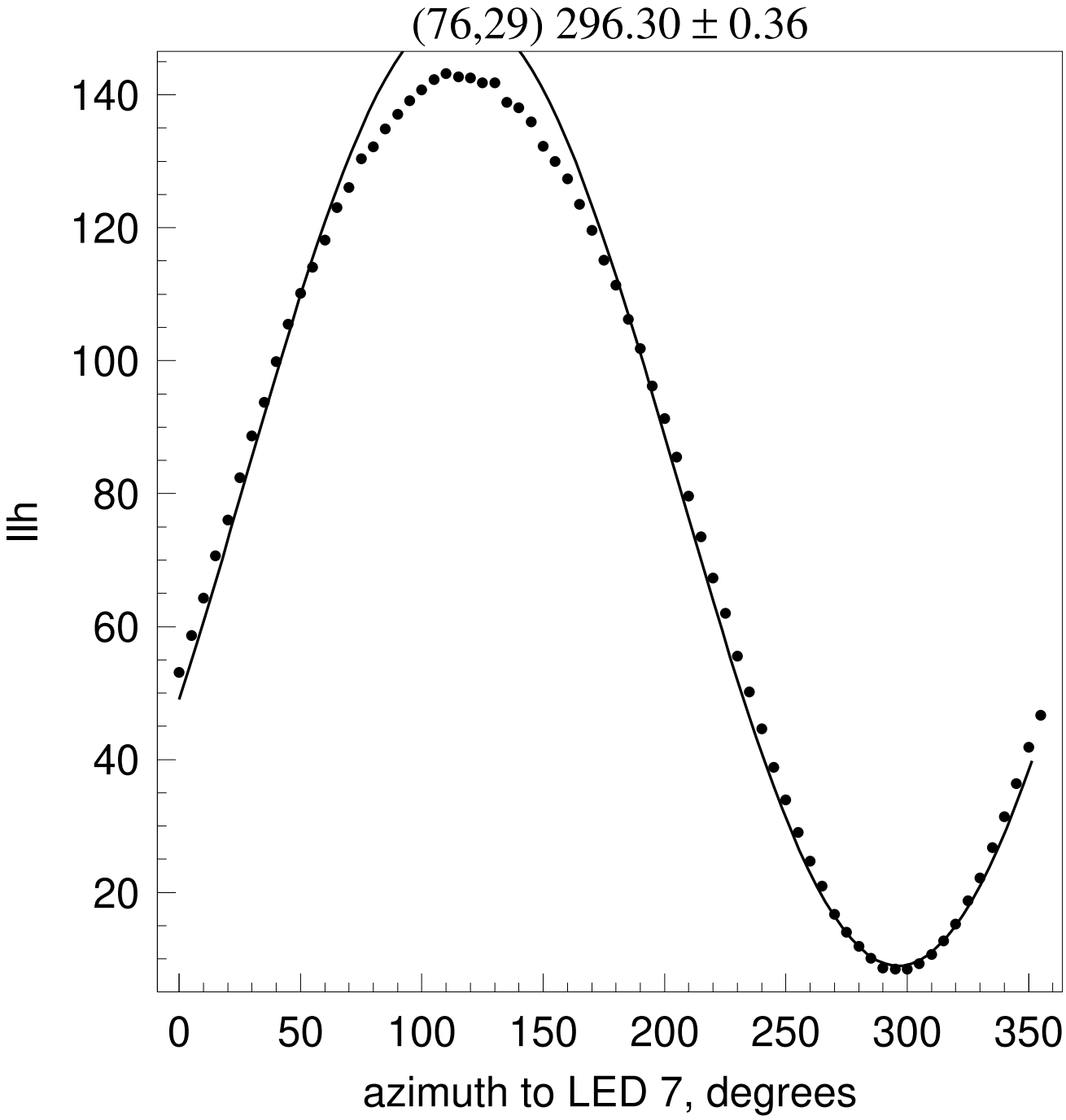

(76,24) 210.19 ± 0.21
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

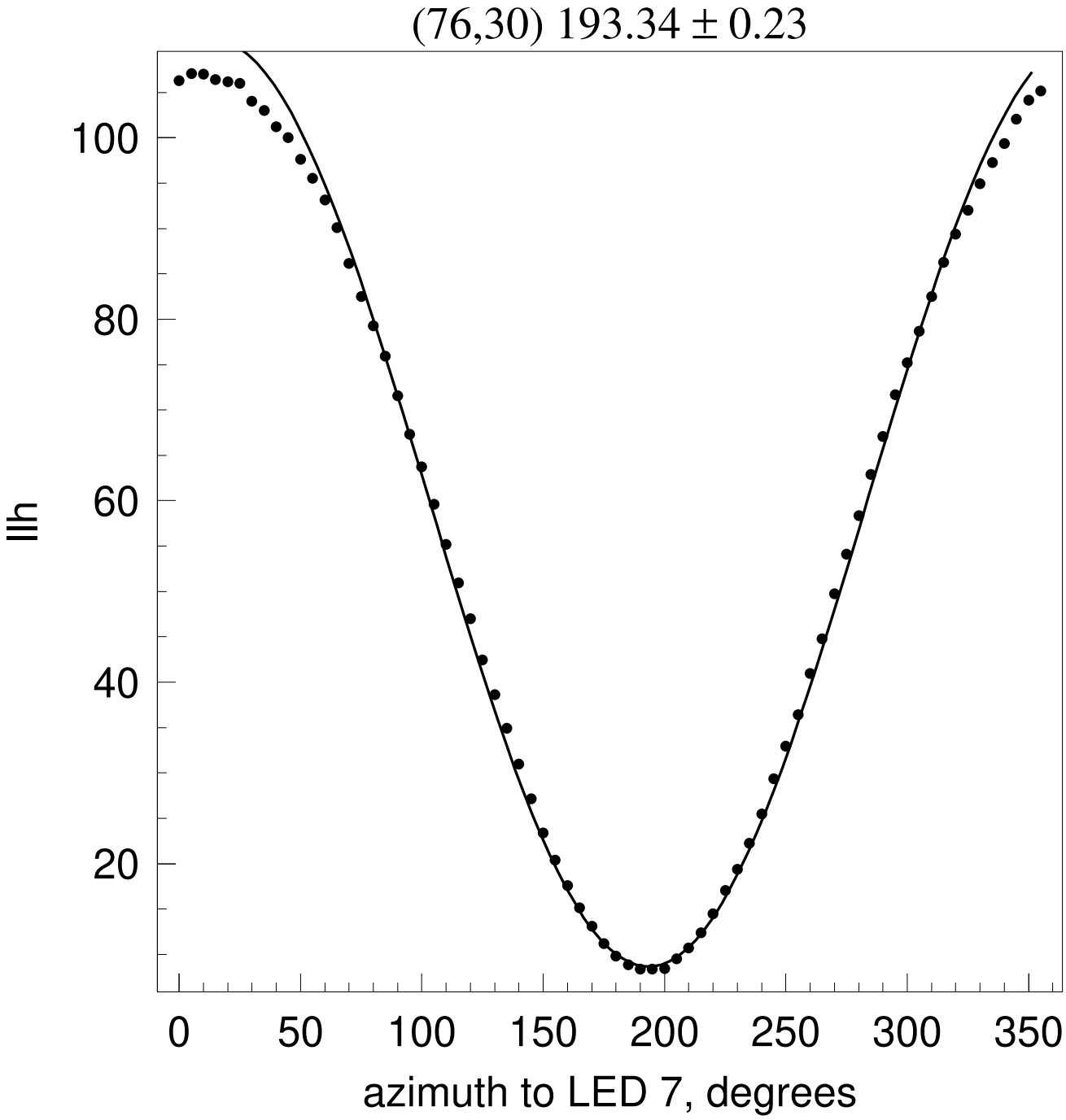

(76,25) 317.41 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

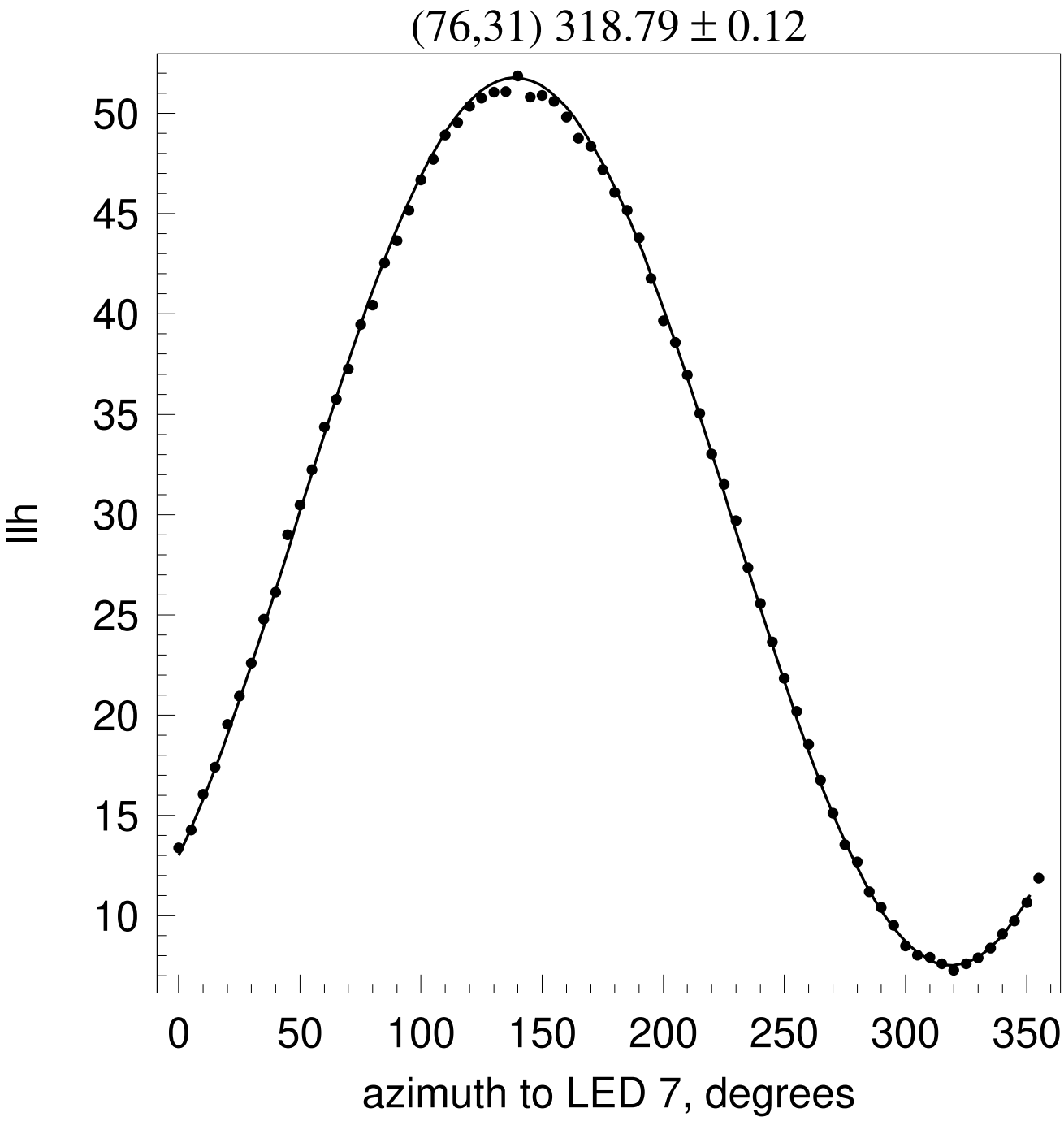

(76,26) 71.03 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

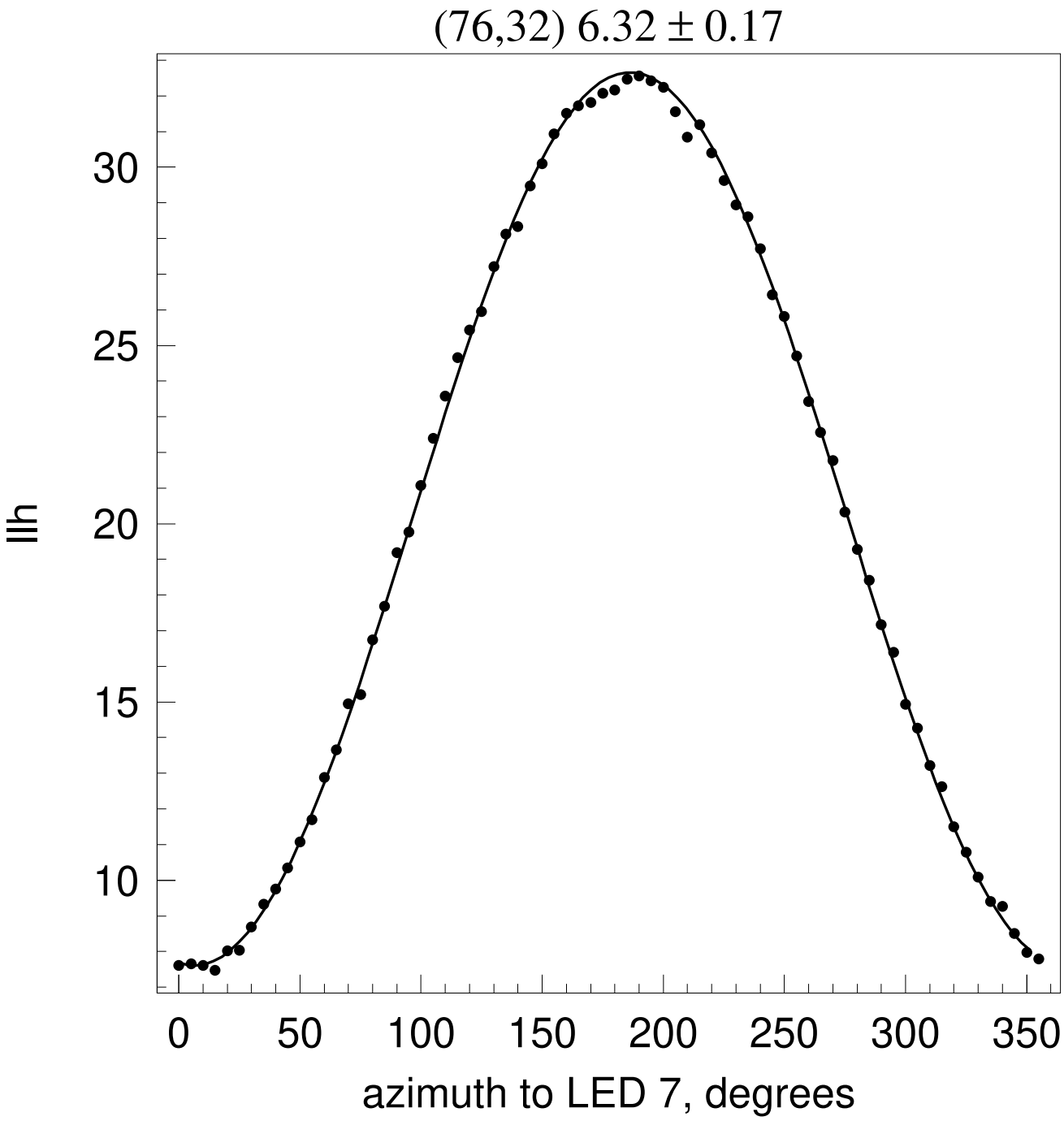

(76,27) 154.07 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

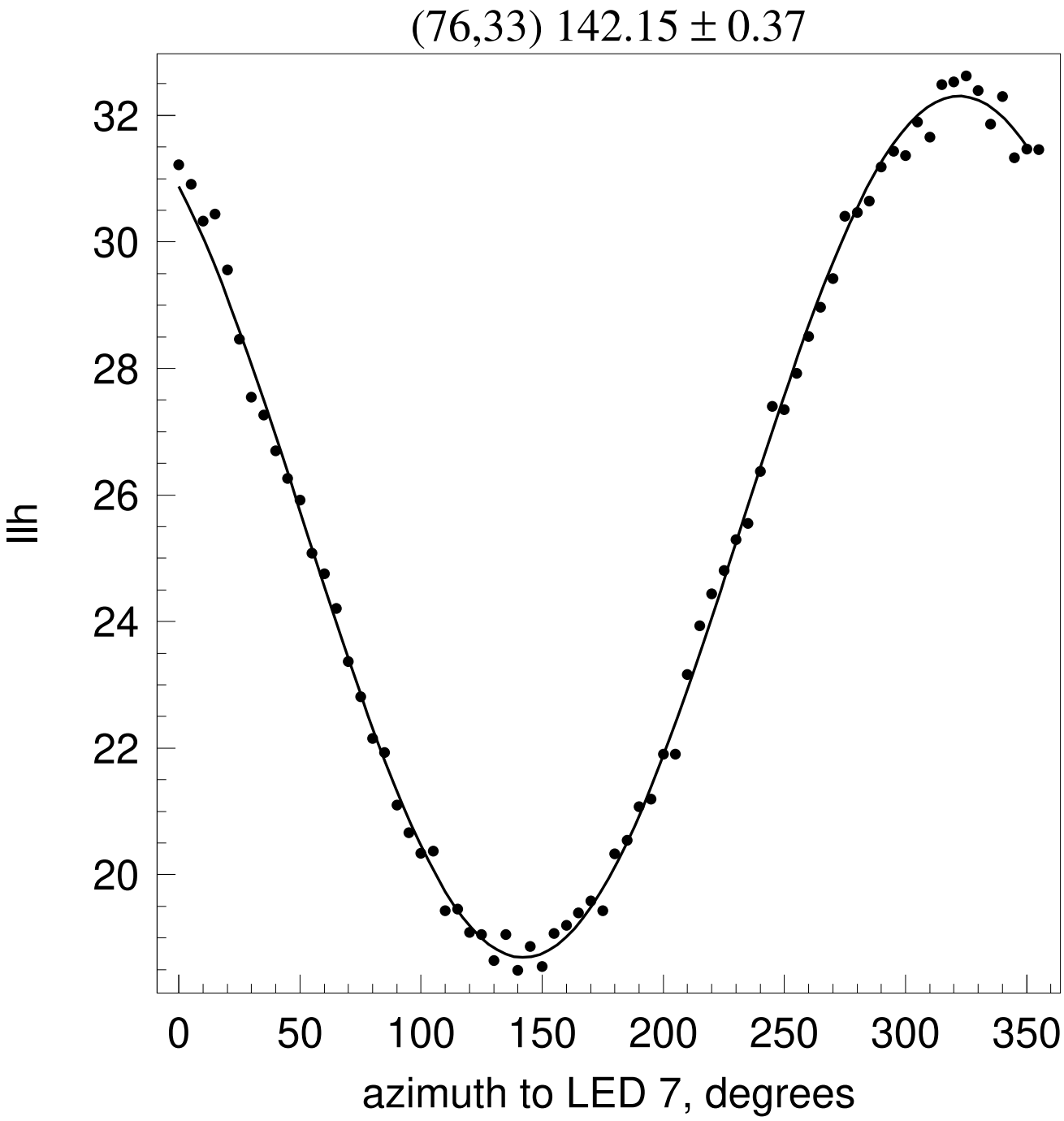

(76,28) 278.19 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

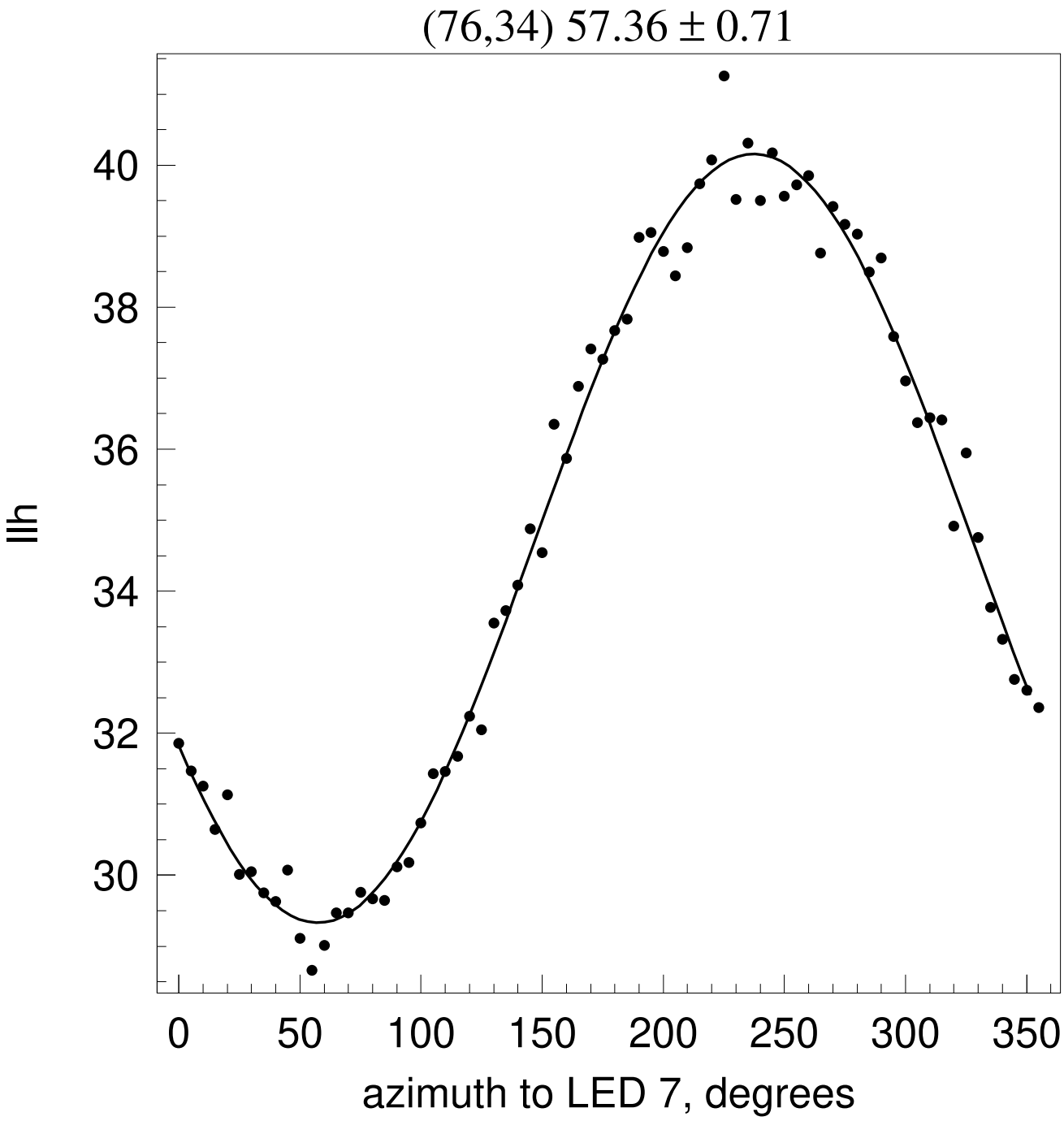

(76,29) 296.30 ± 0.36
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

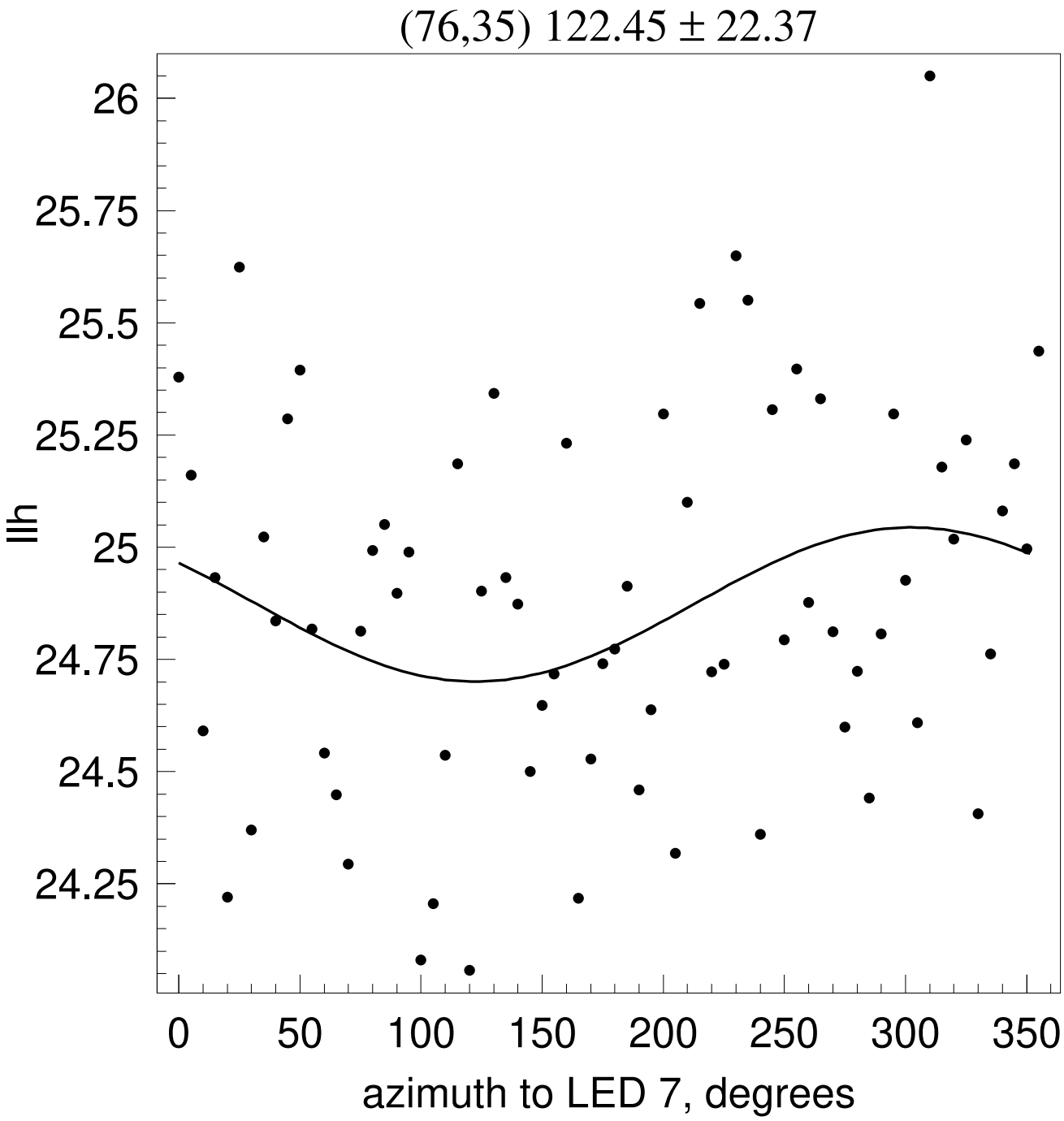

(76,30) 193.34 ± 0.23
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

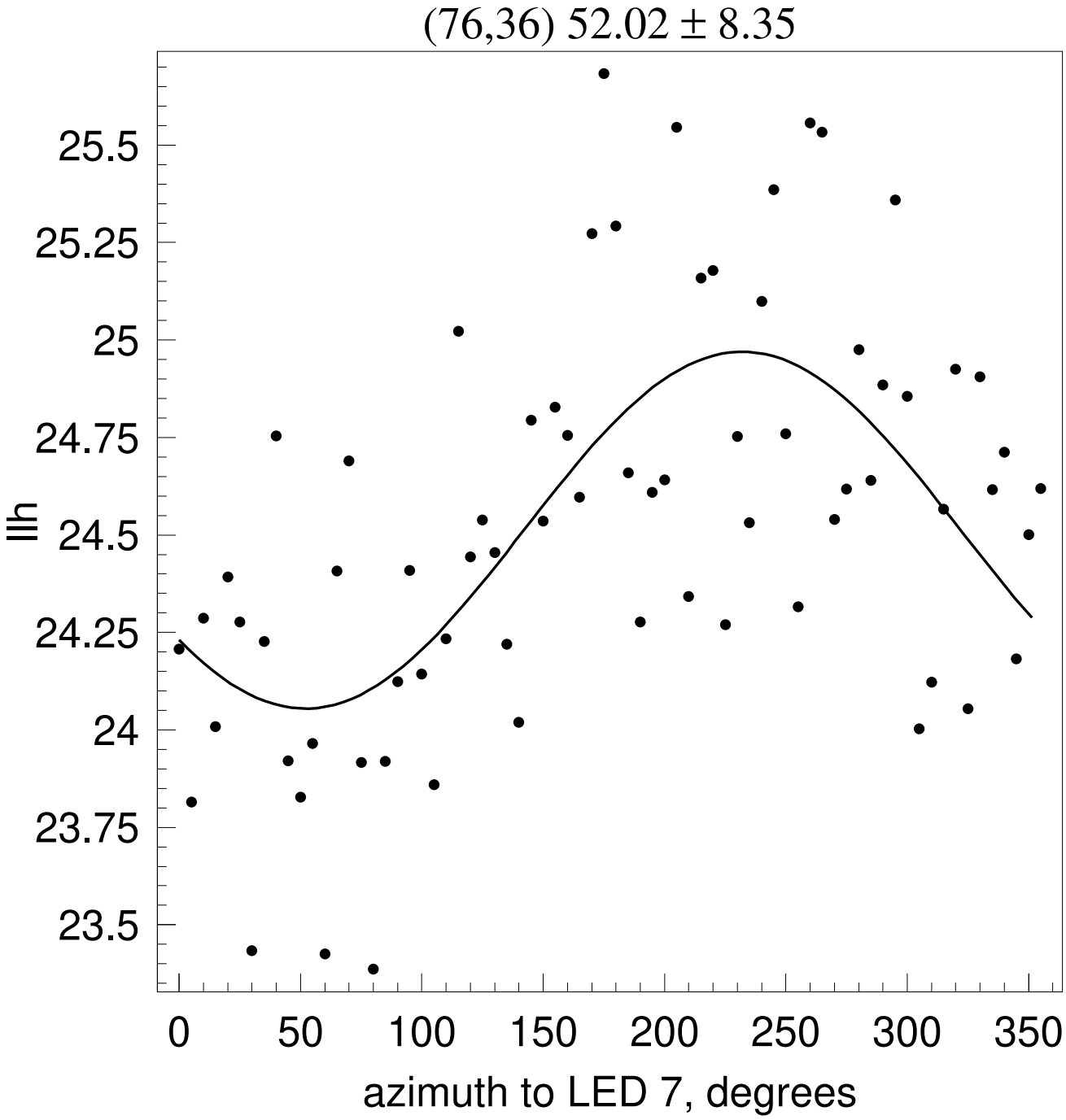

(76,31) 318.79 ± 0.12
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

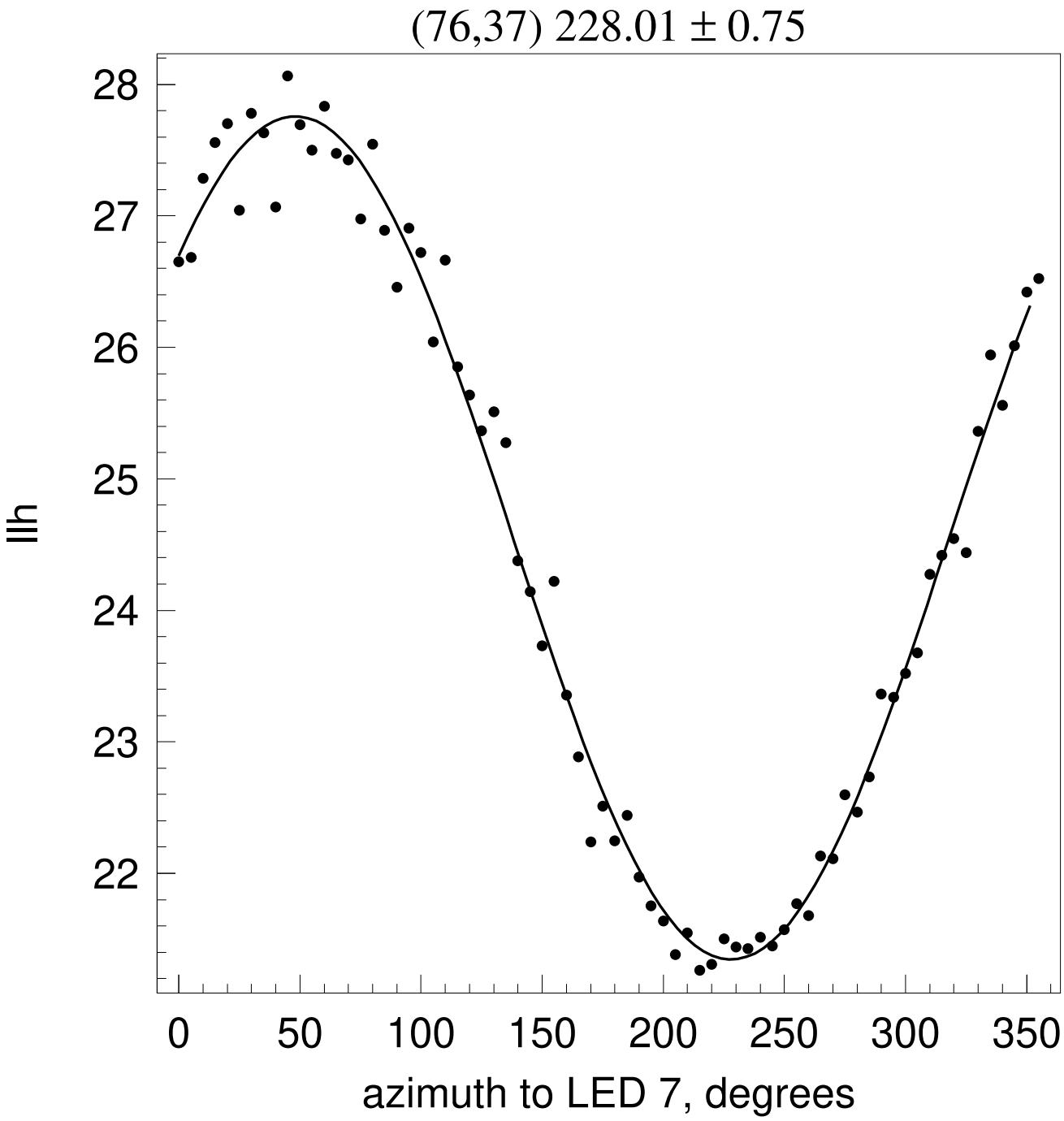

(76,32) 6.32 ± 0.17
30
25
20
15
10
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

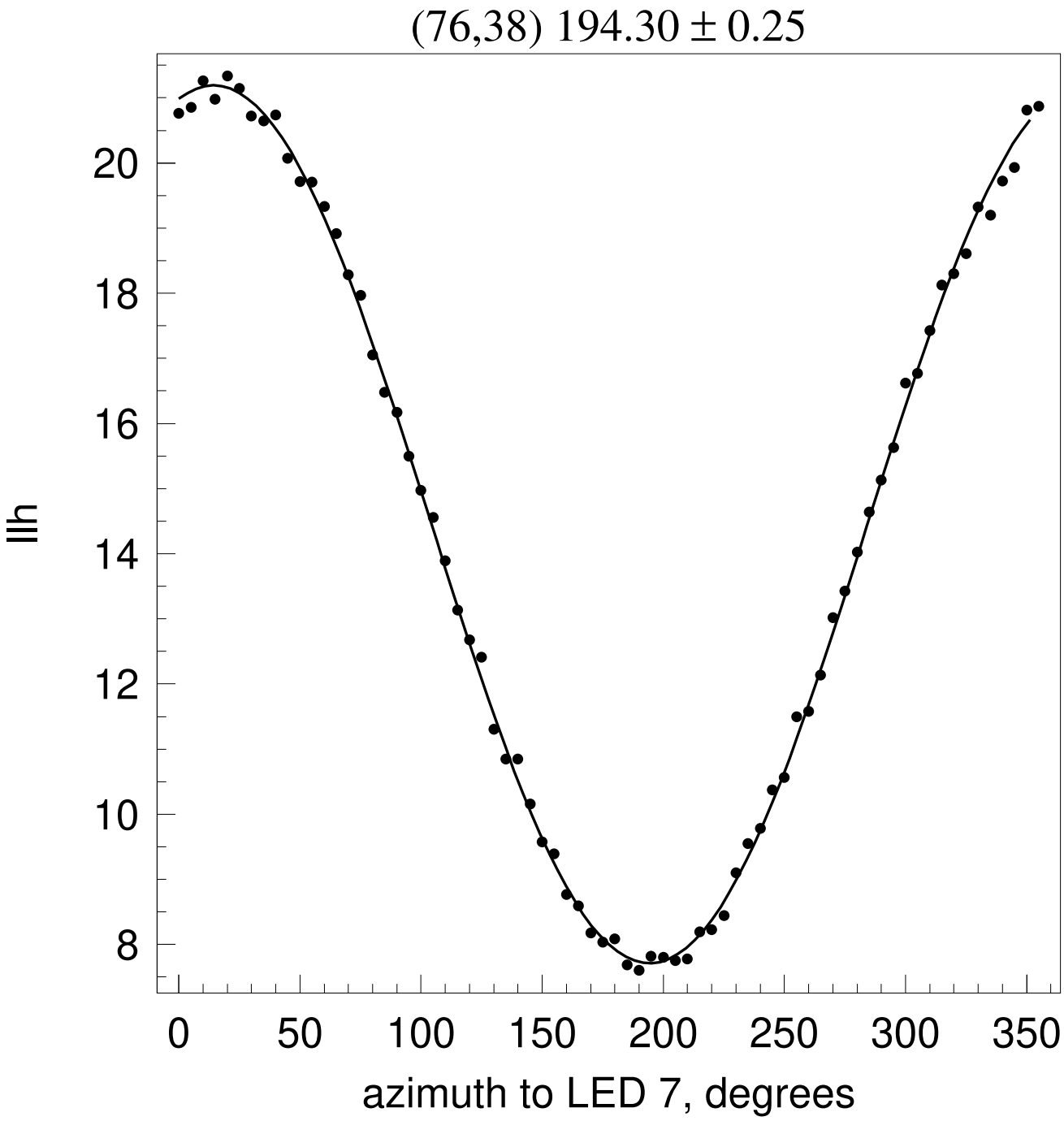

(76,33) 142.15 ± 0.37
32
30
28
26
24
22
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

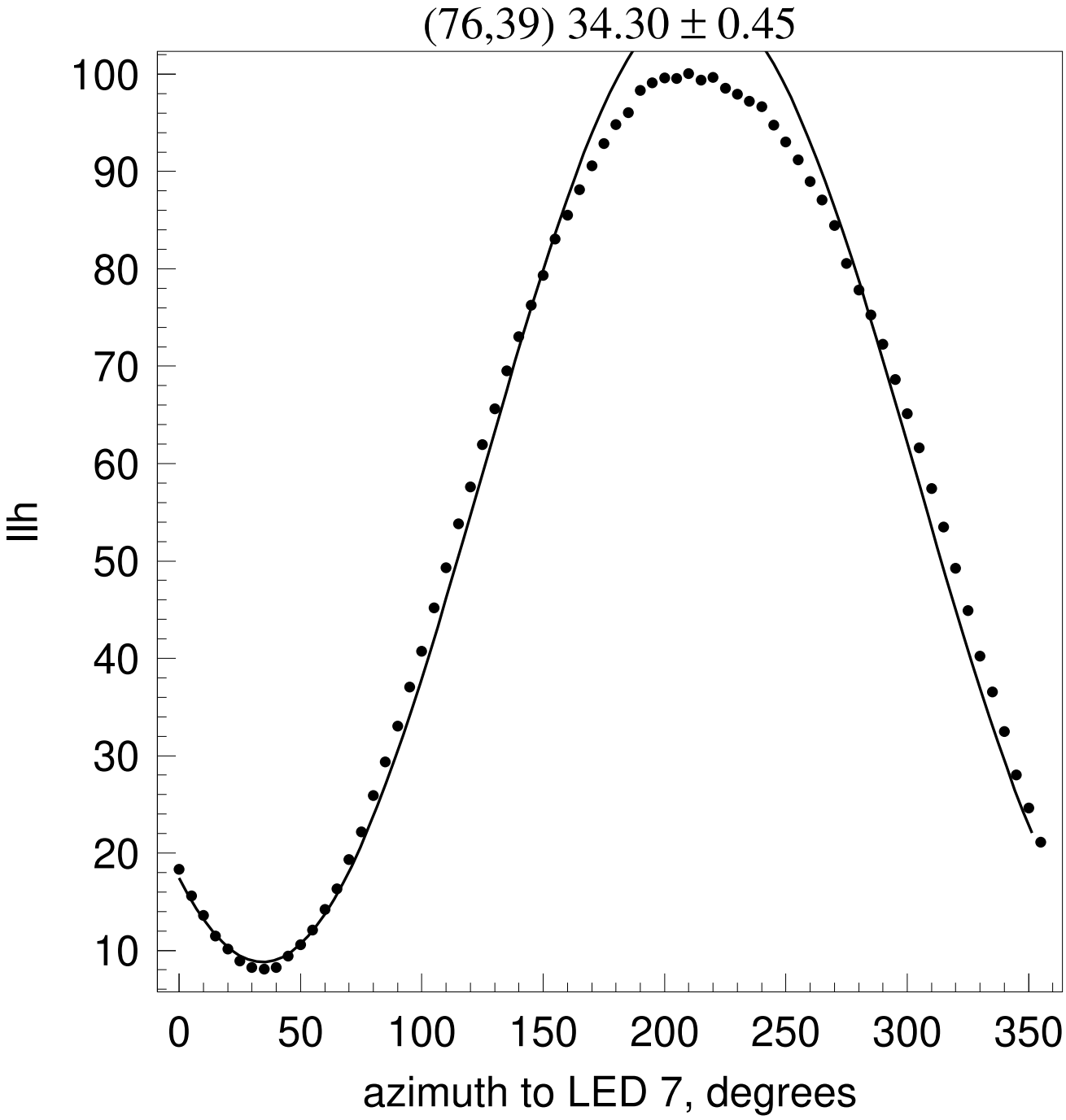

(76,34) 57.36 ± 0.71
40
38
36
34
32
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

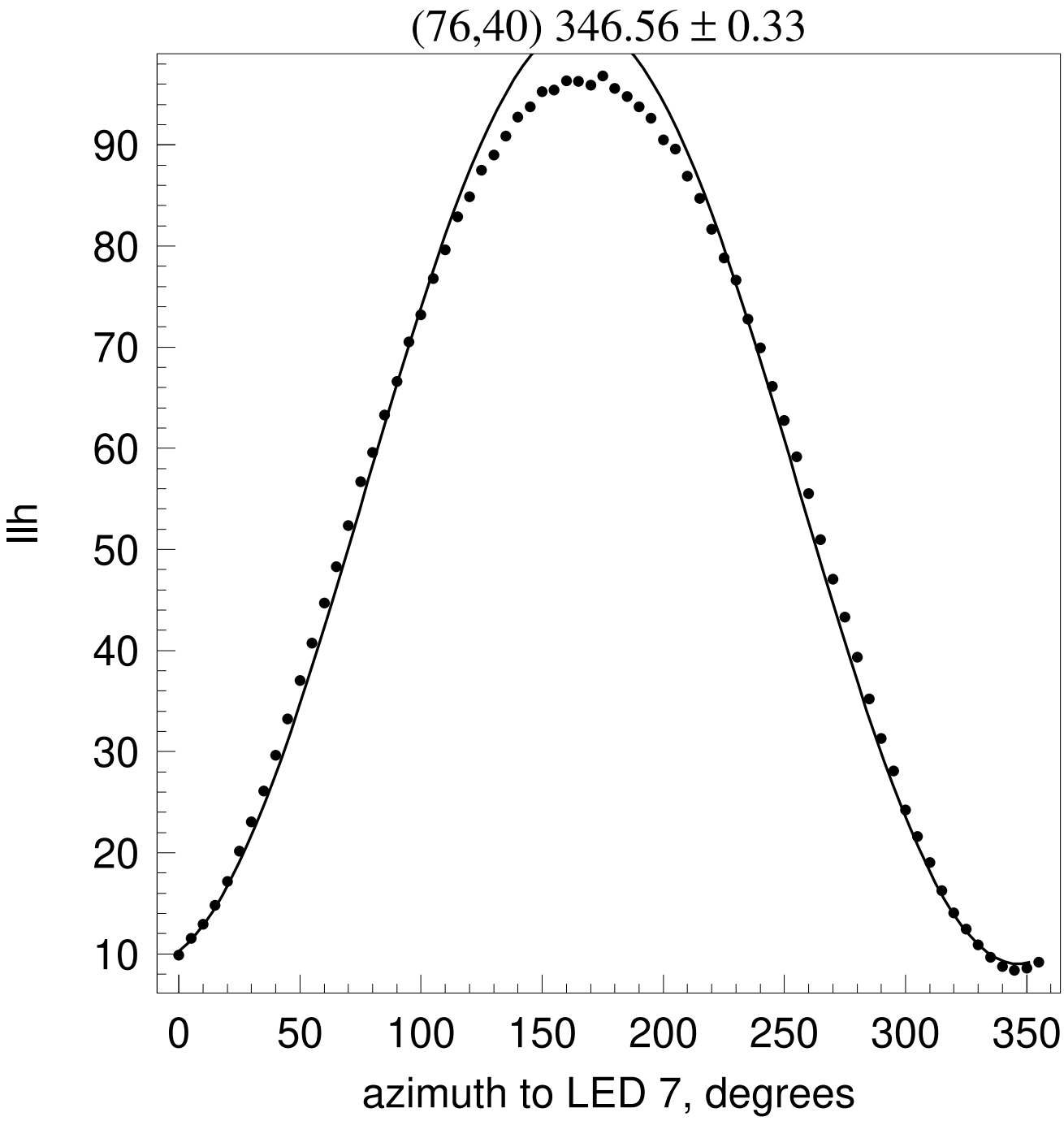

(76,35) 122.45 ± 22.37
26
25.75
25.5
25.25
25
24.75
24.5
24.25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

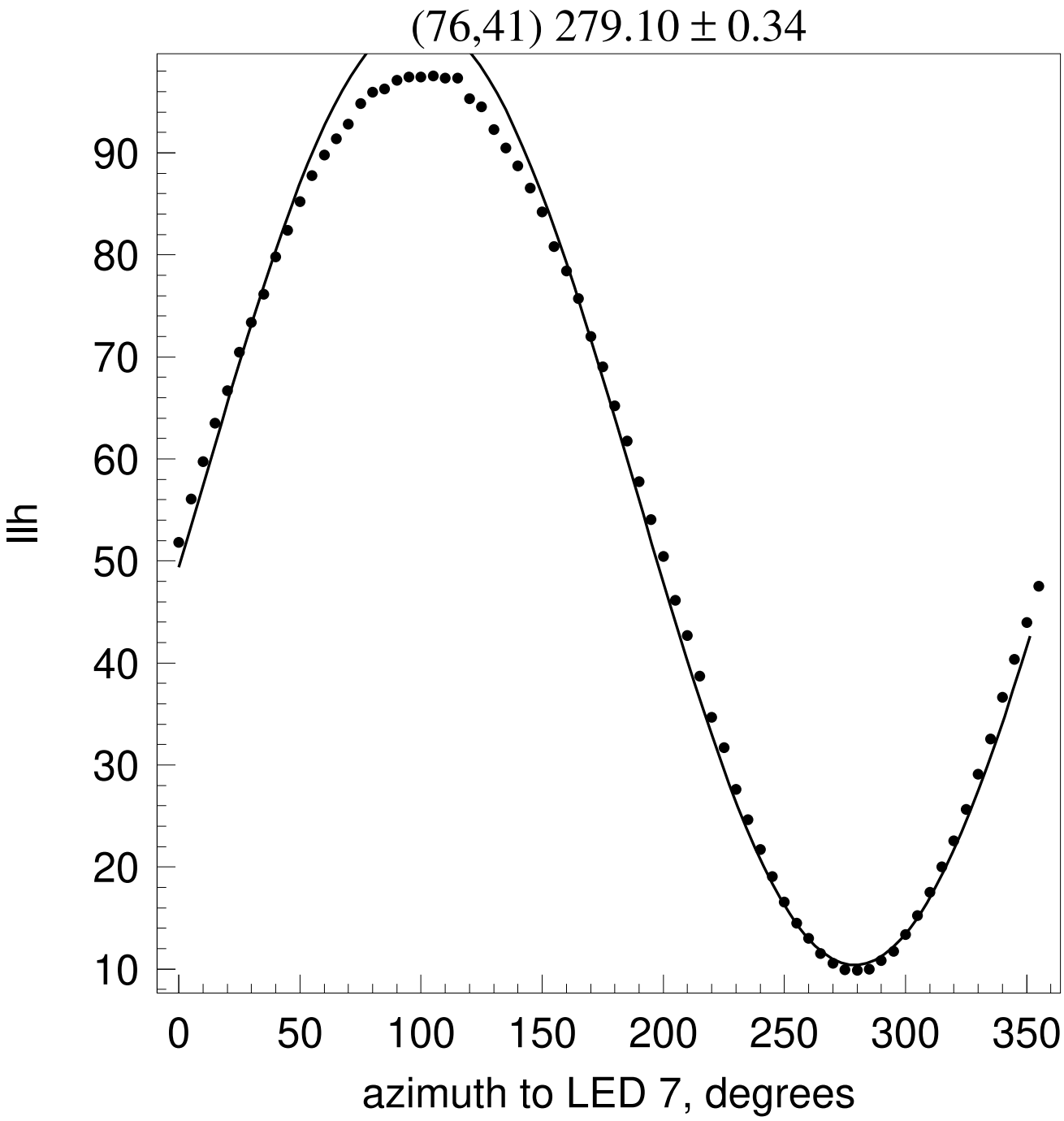

(76,36) 52.02 ± 8.35
25.5
25.25
25
24.75
24.5
24.25
24
23.75
23.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

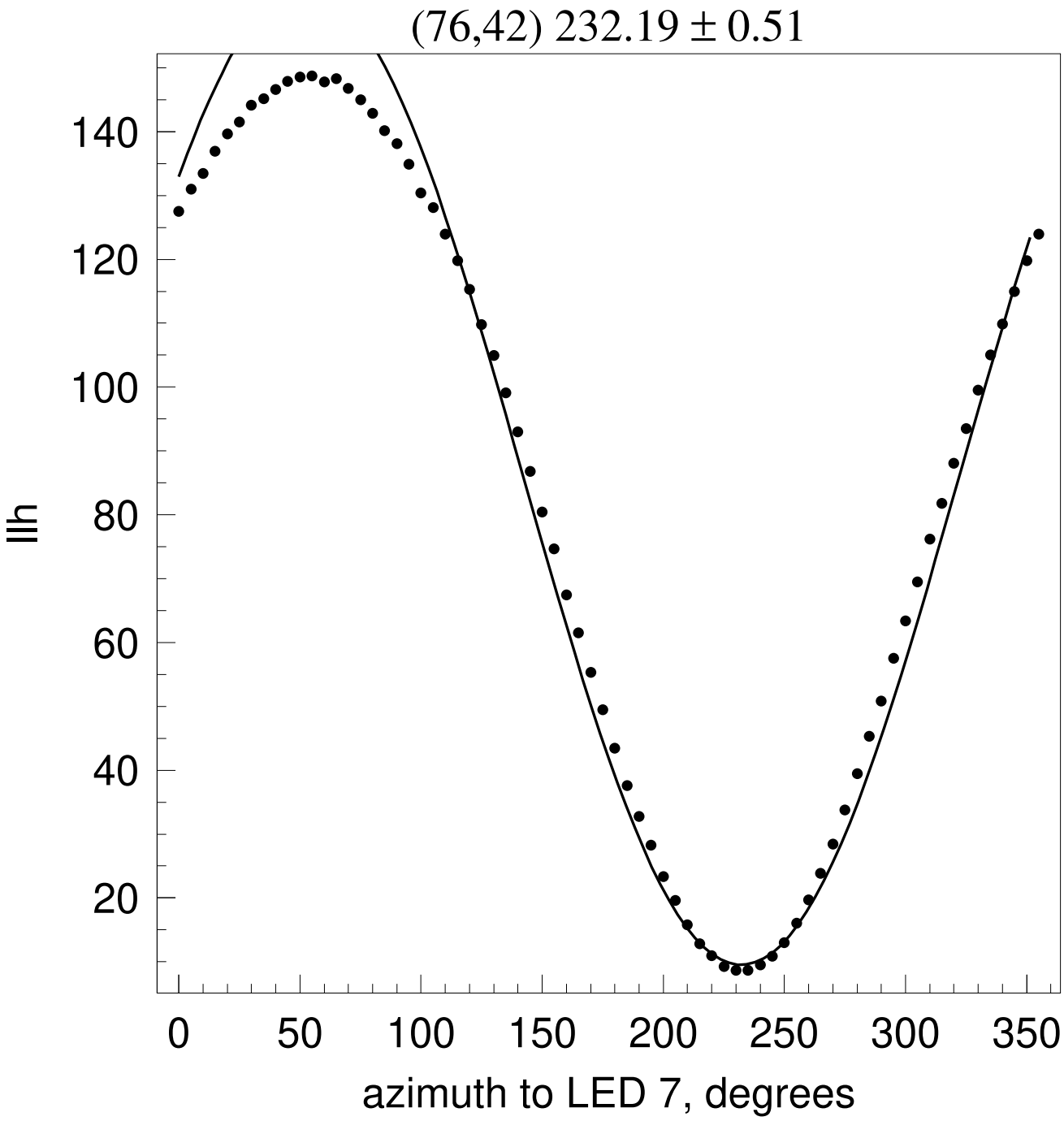

(76,37) 228.01 ± 0.75
28
27
26
25
24
23
22
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

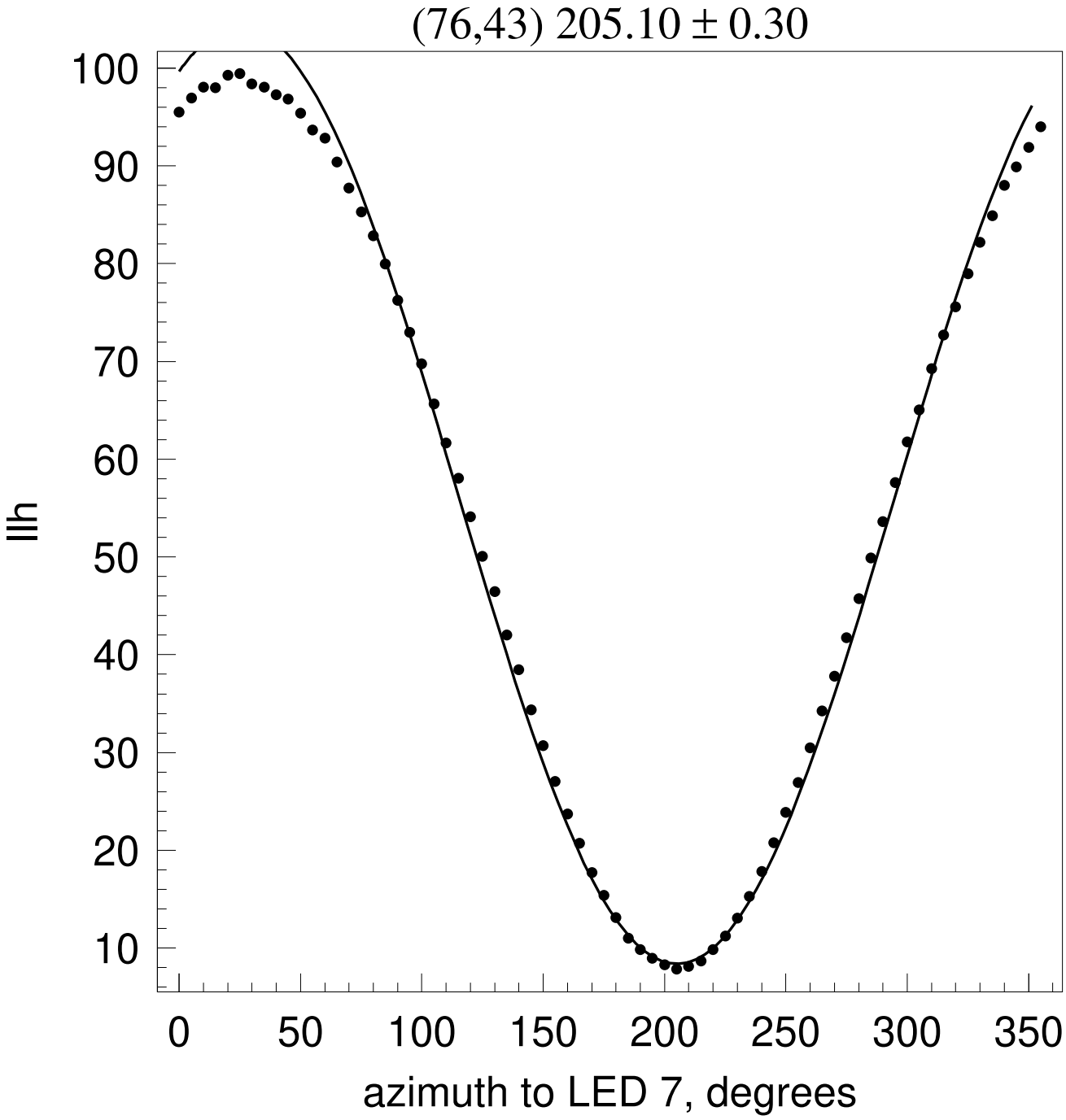

(76,38) 194.30 ± 0.25
20
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

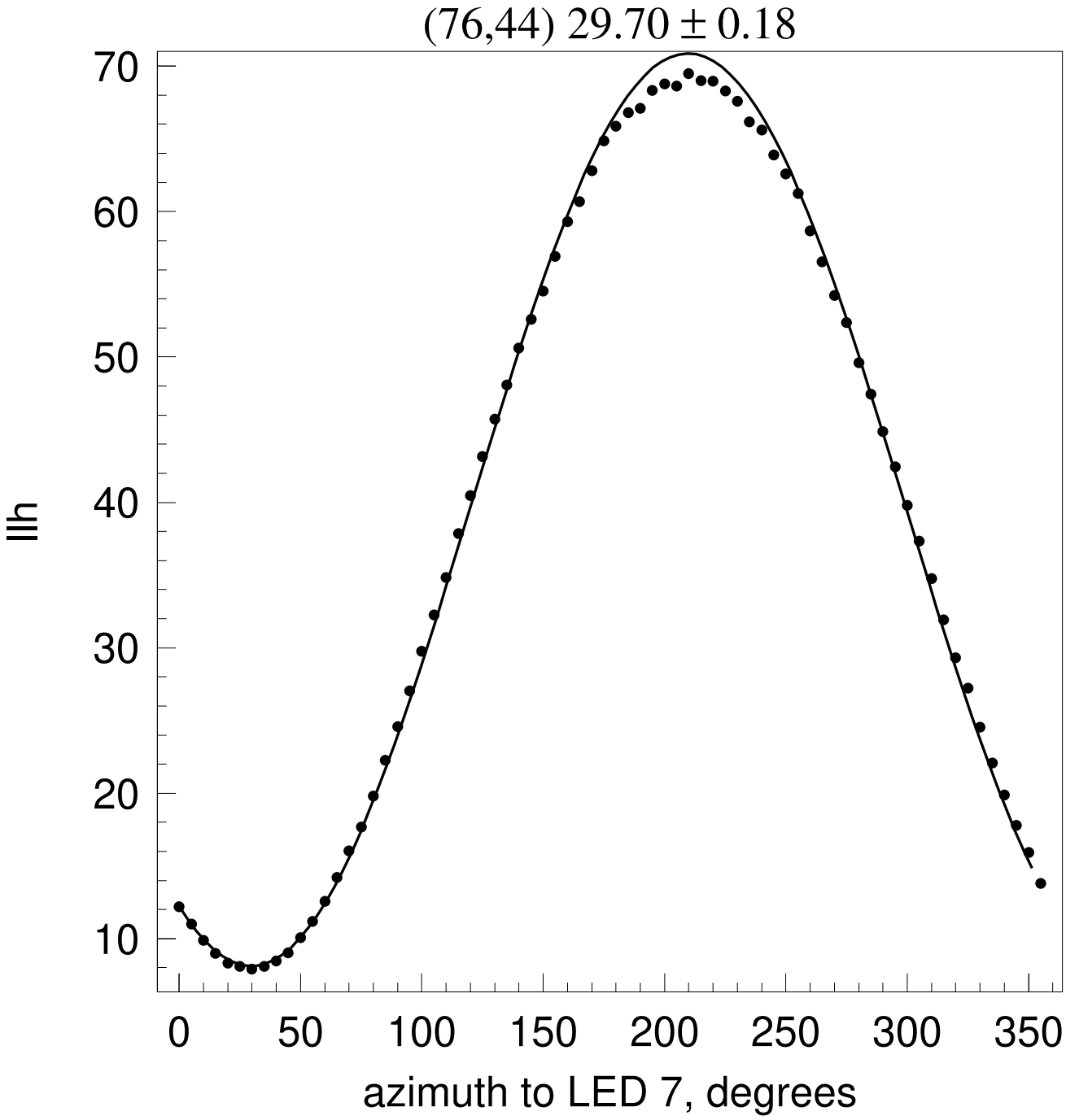

(76,39) 34.30 ± 0.45
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

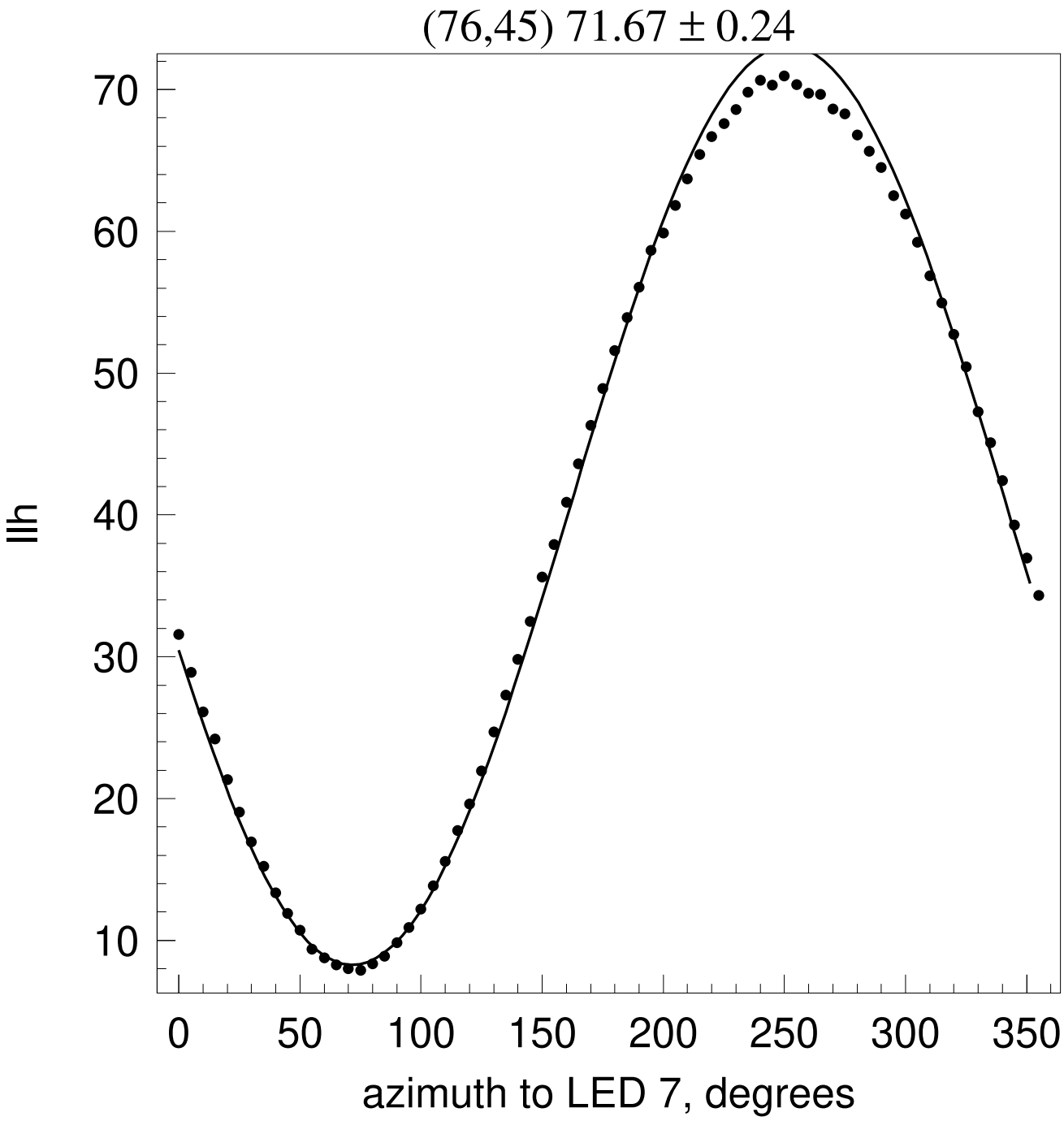

(76,40) 346.56 ± 0.33
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

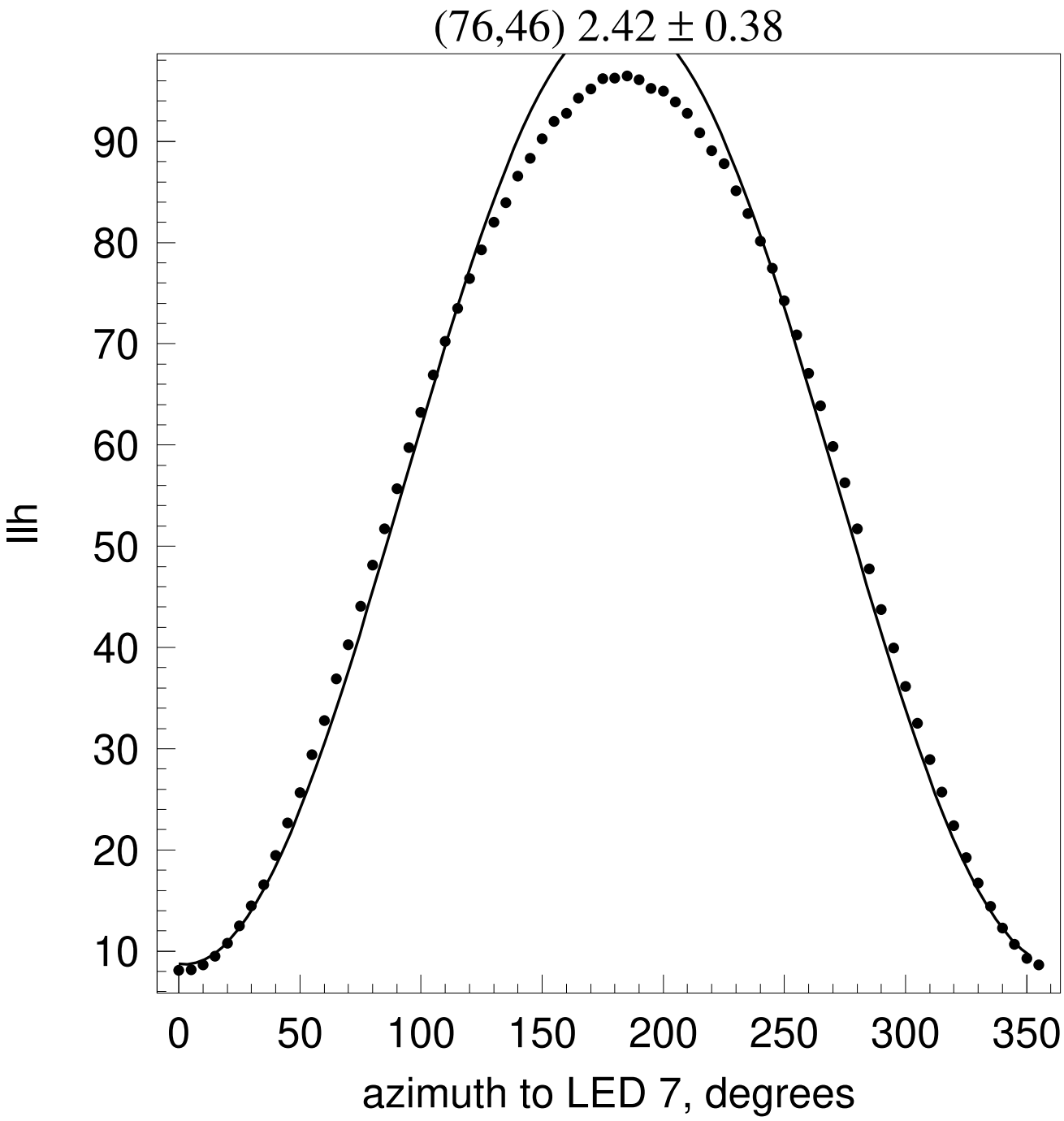

(76,41) 279.10 ± 0.34
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

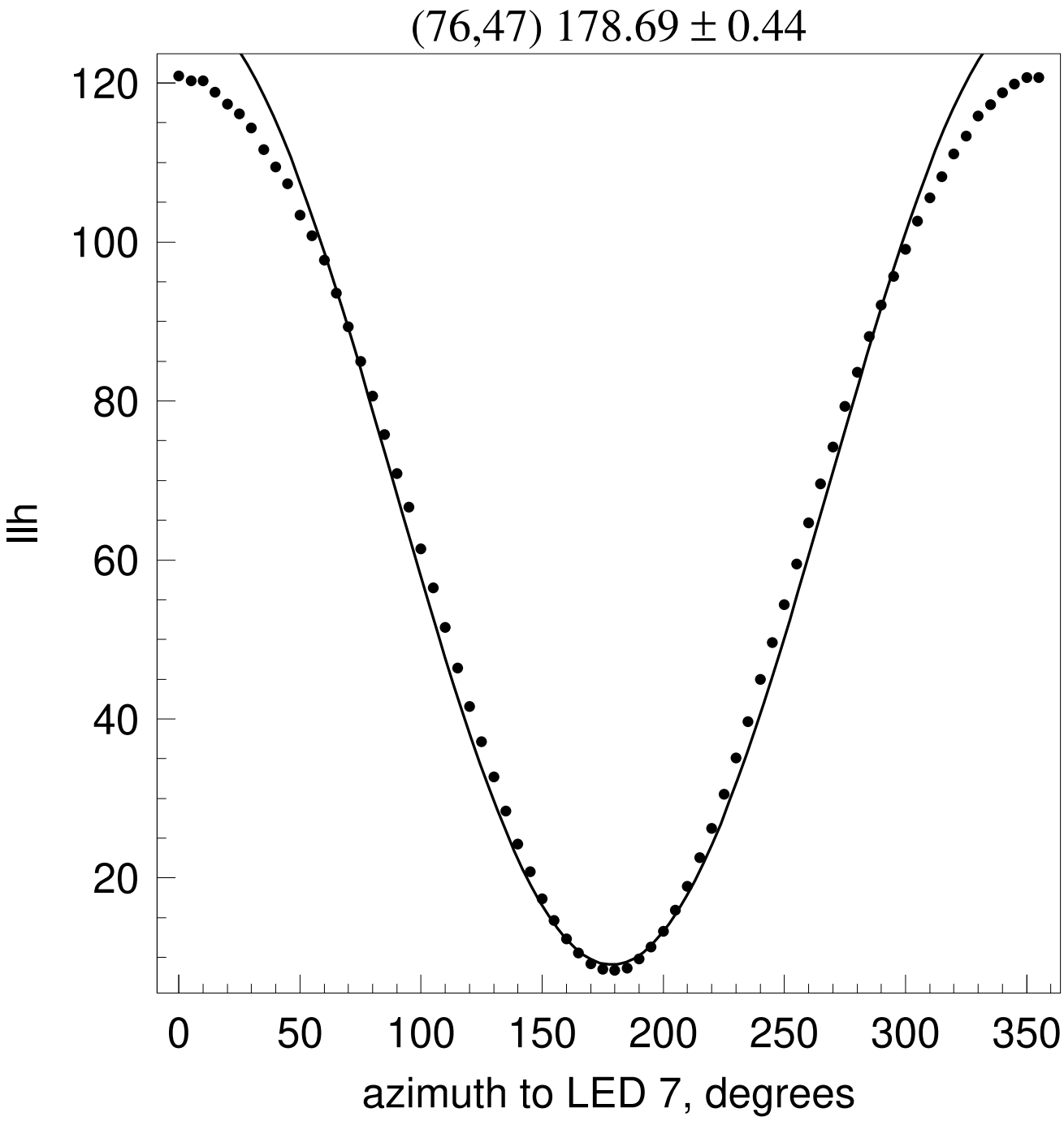

(76,42) 232.19 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

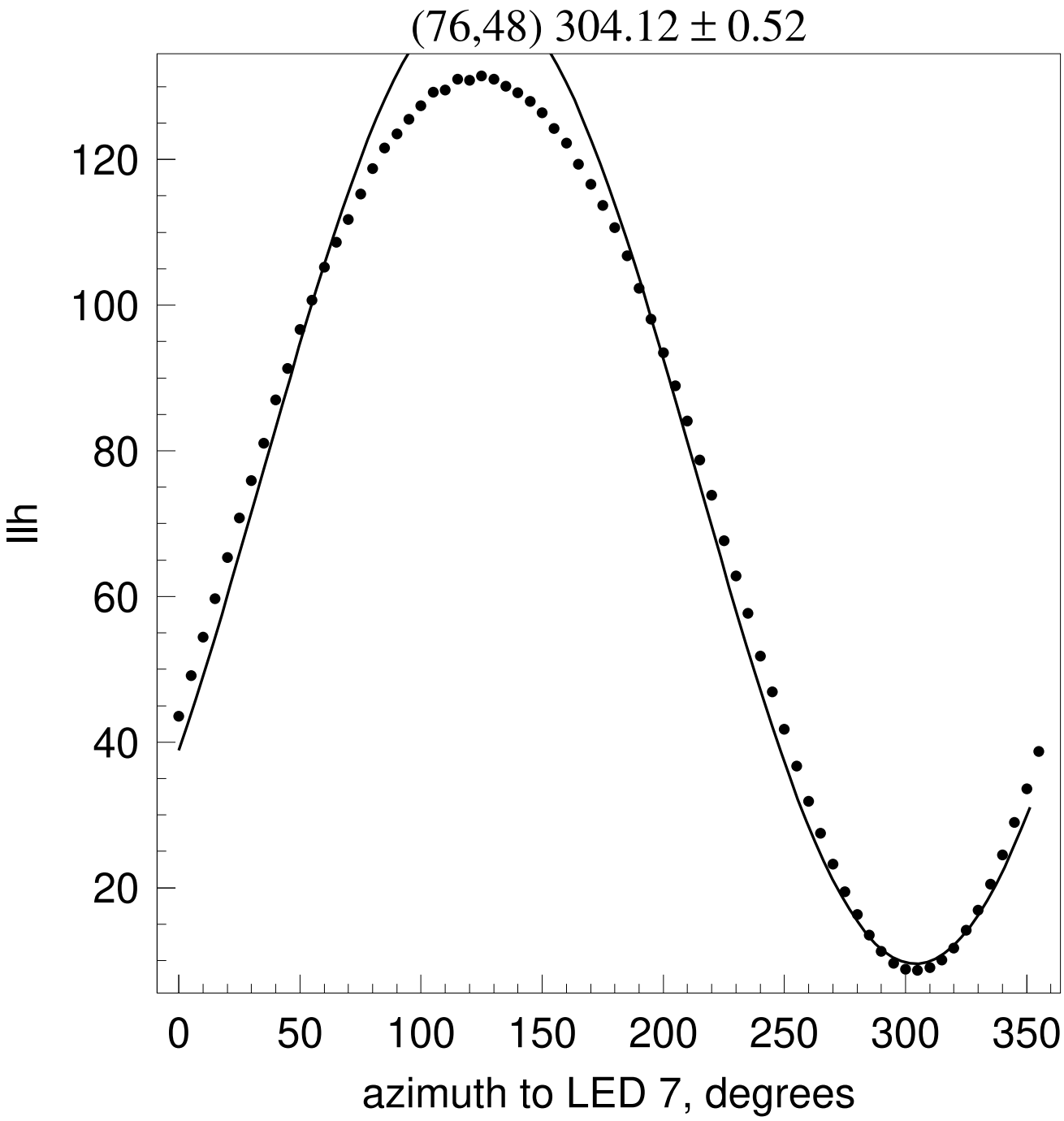

(76,43) 205.10 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

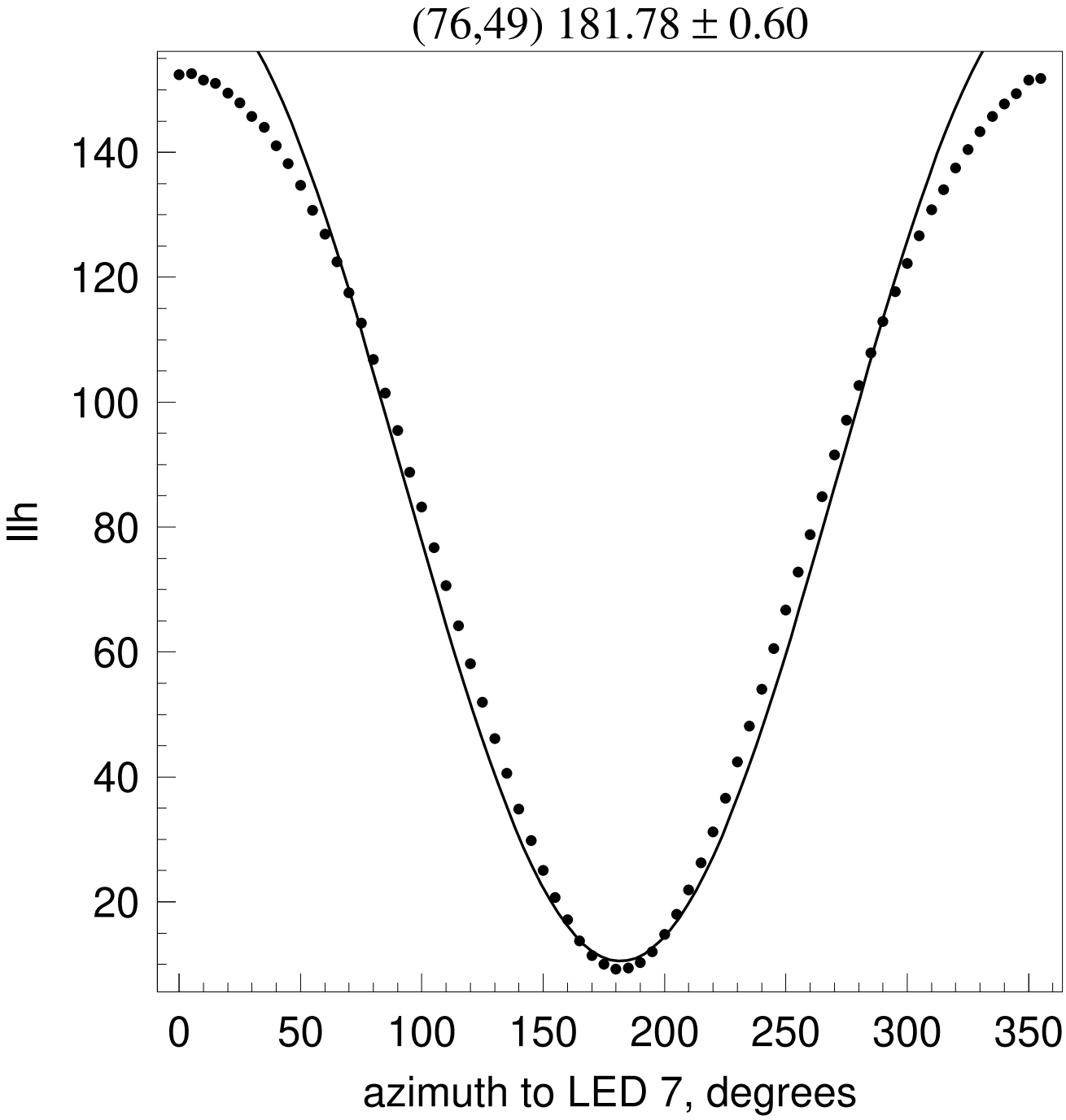

(76,44) 29.70 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

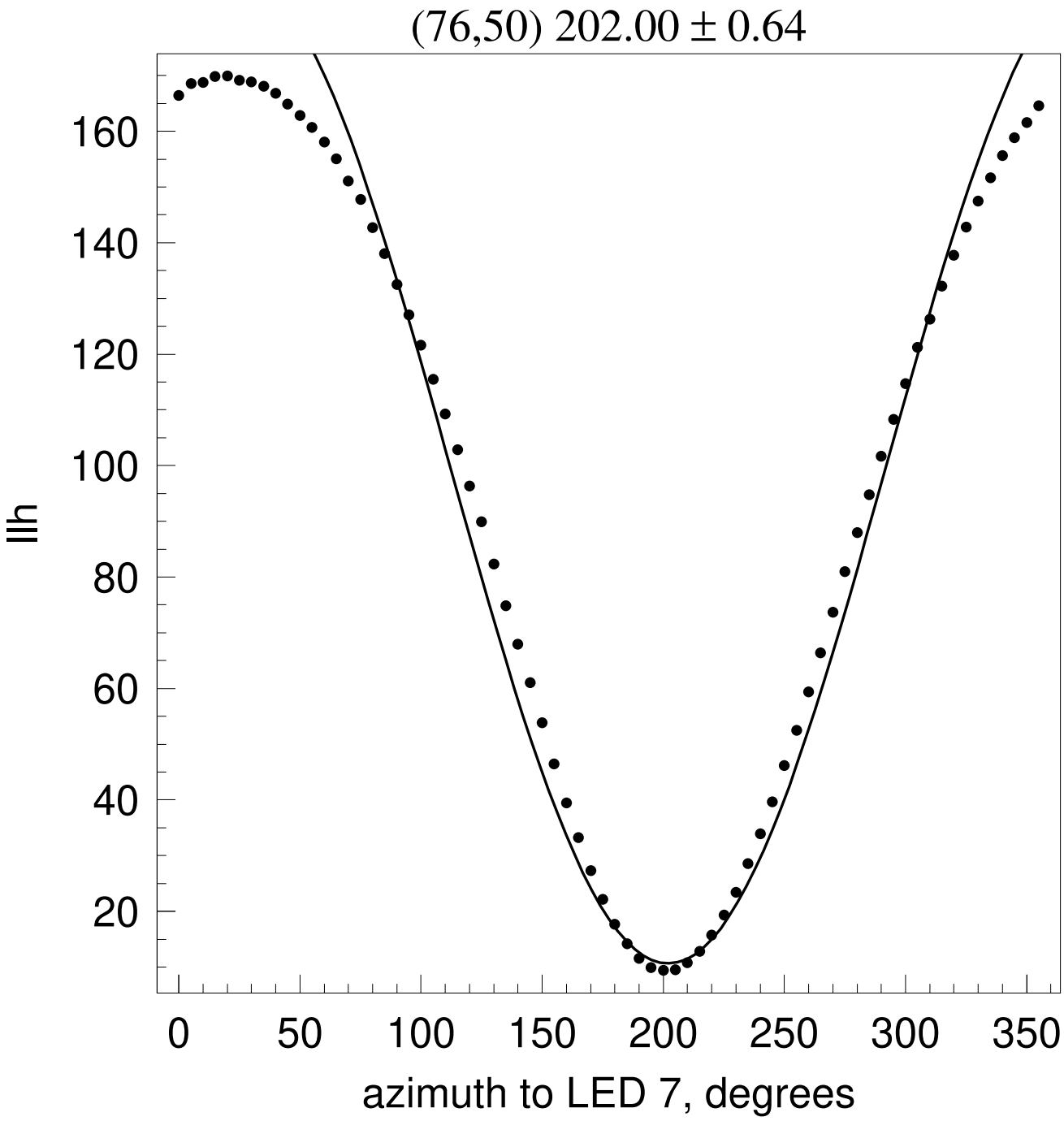

(76,45) 71.67 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

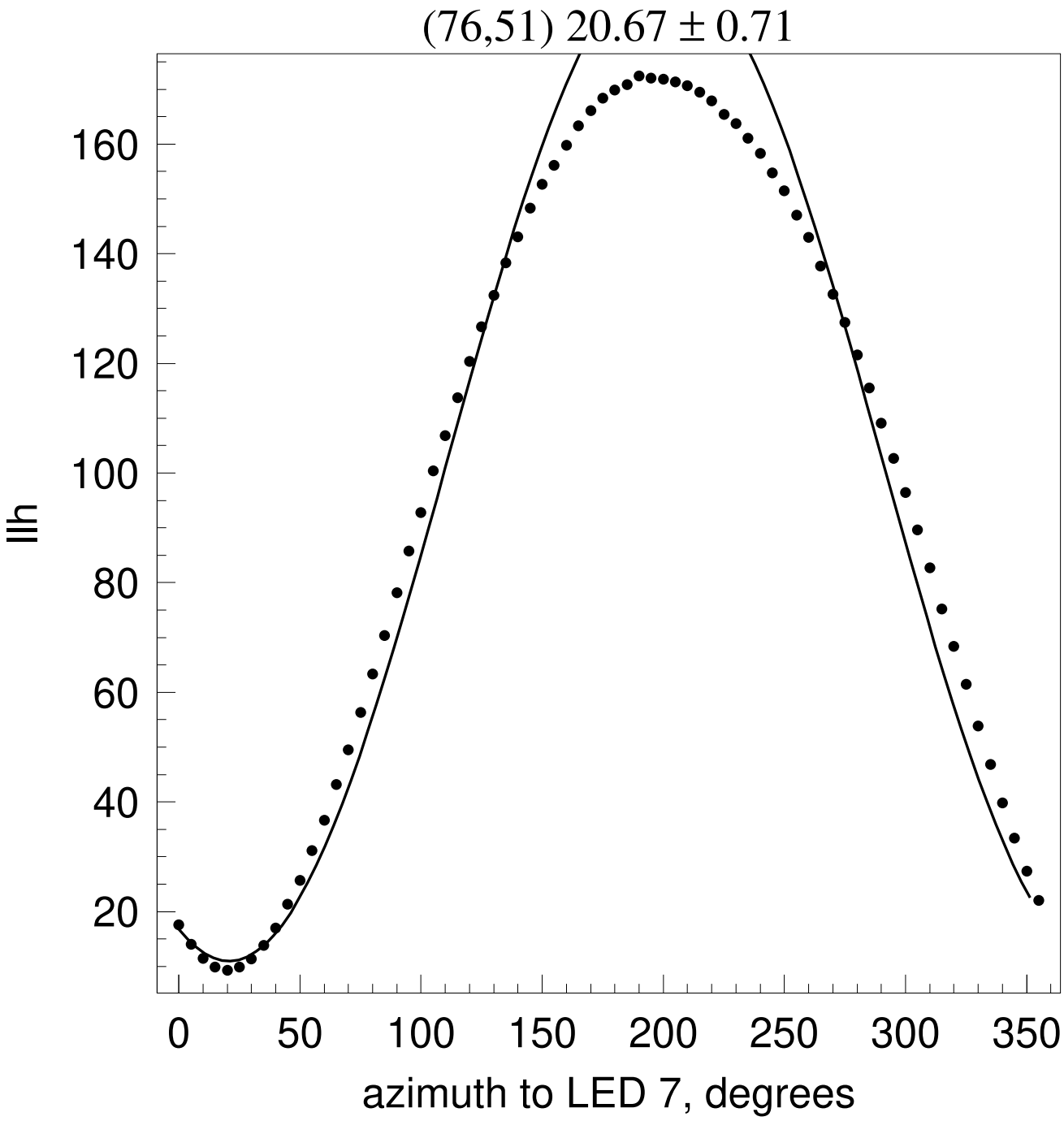

(76,46) 2.42 ± 0.38
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

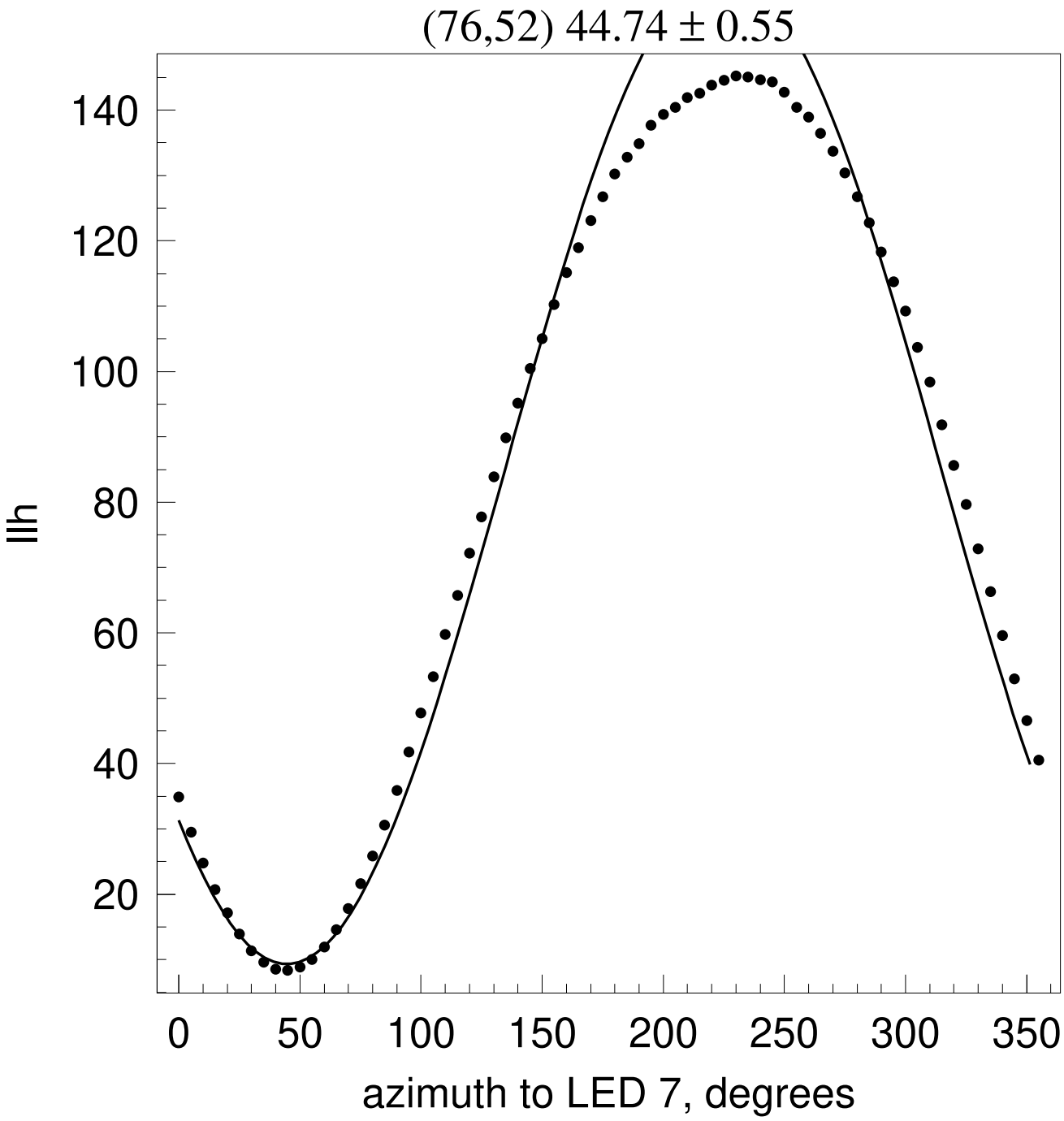

(76,47) 178.69 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

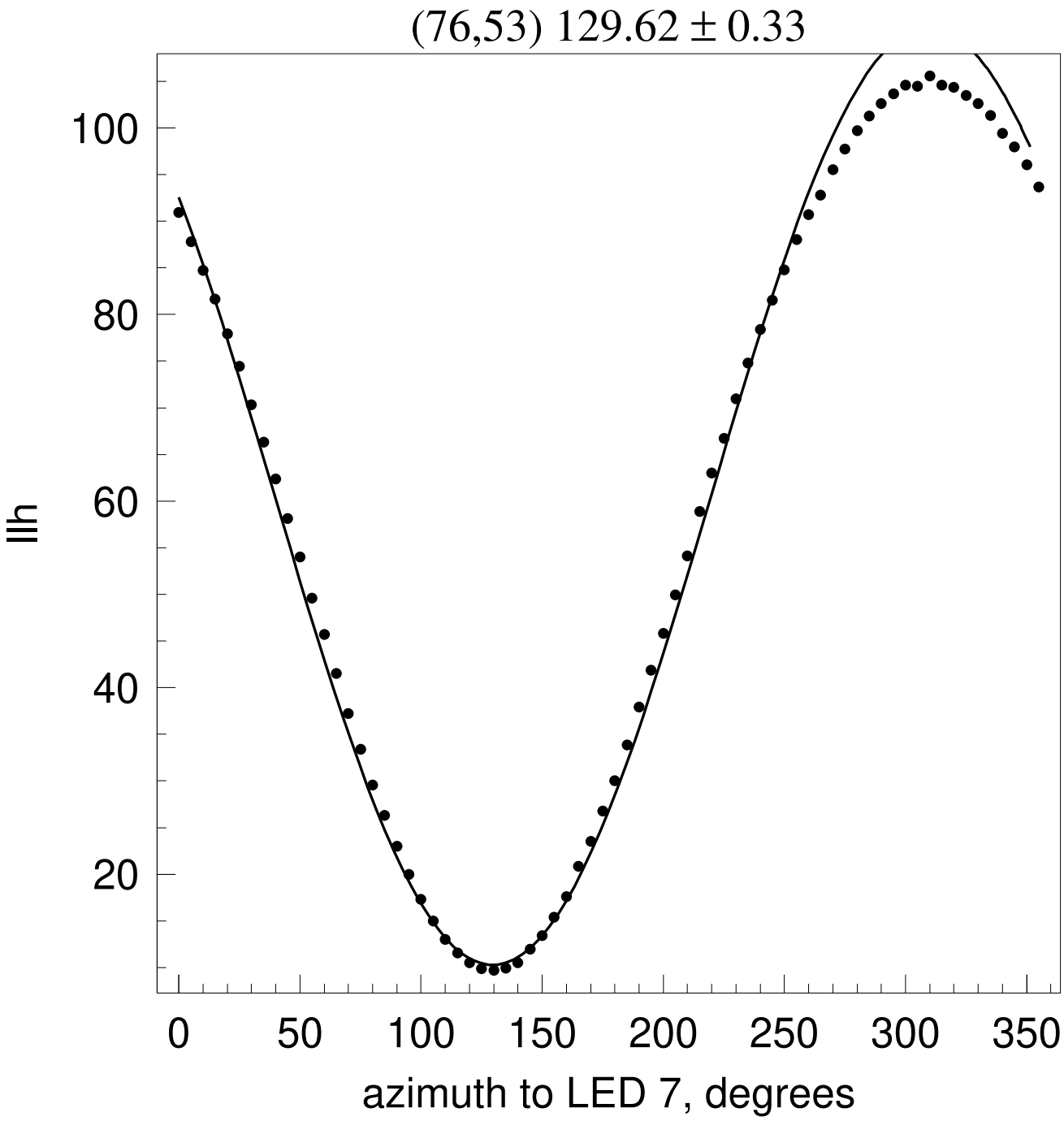

(76,48) 304.12 ± 0.52
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

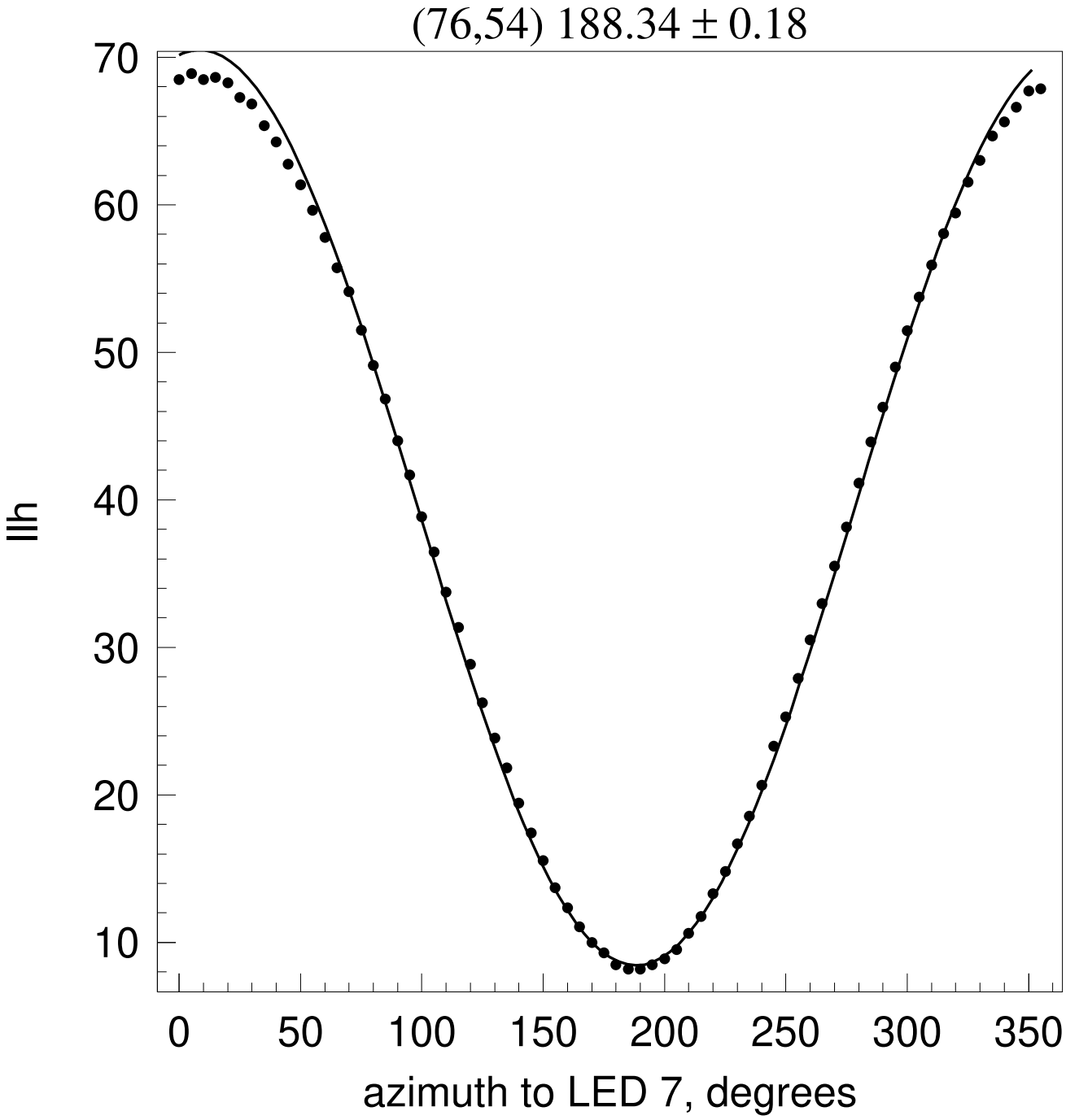

(76,49) 181.78 ± 0.60
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

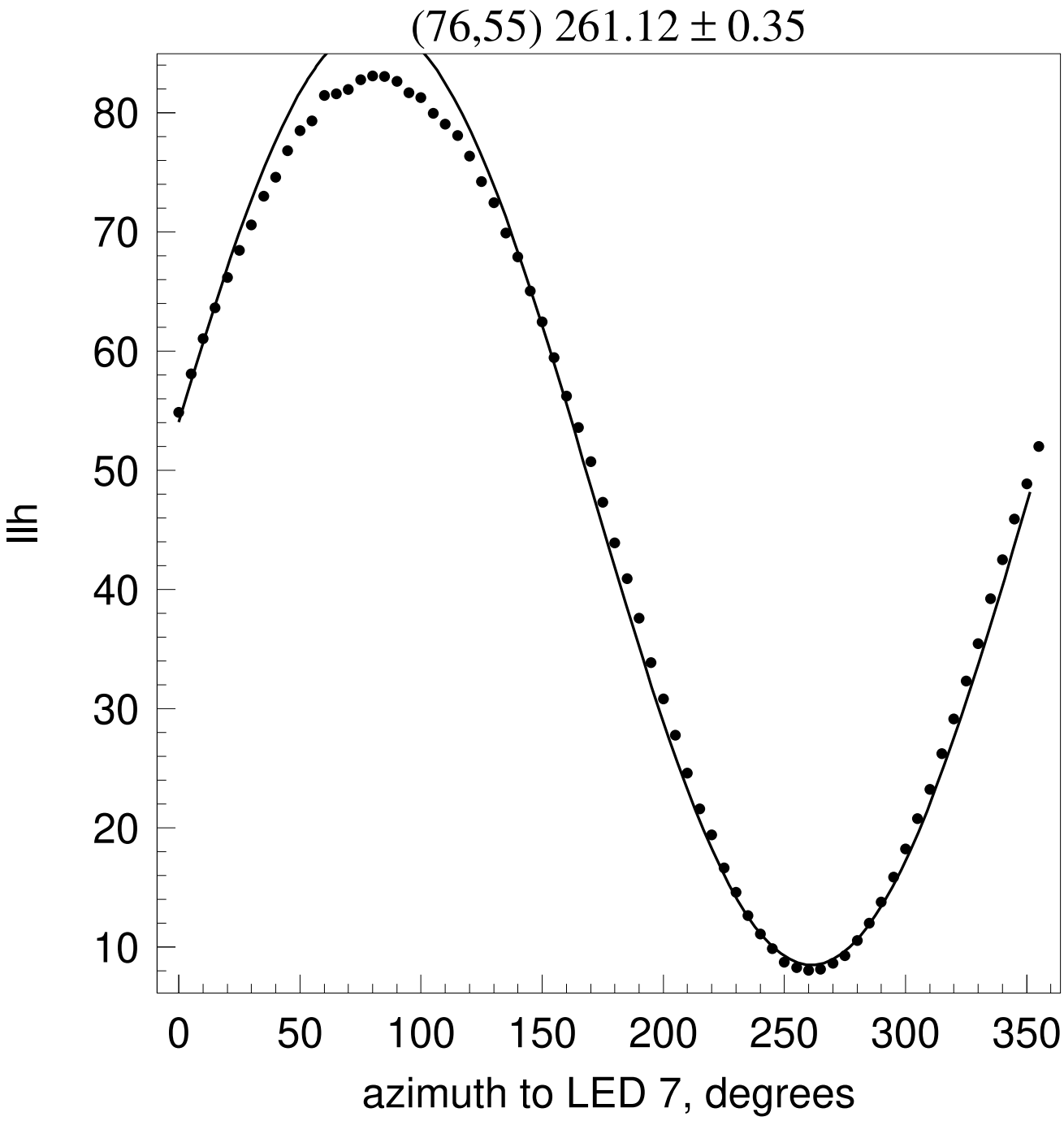

(76,50) 202.00 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

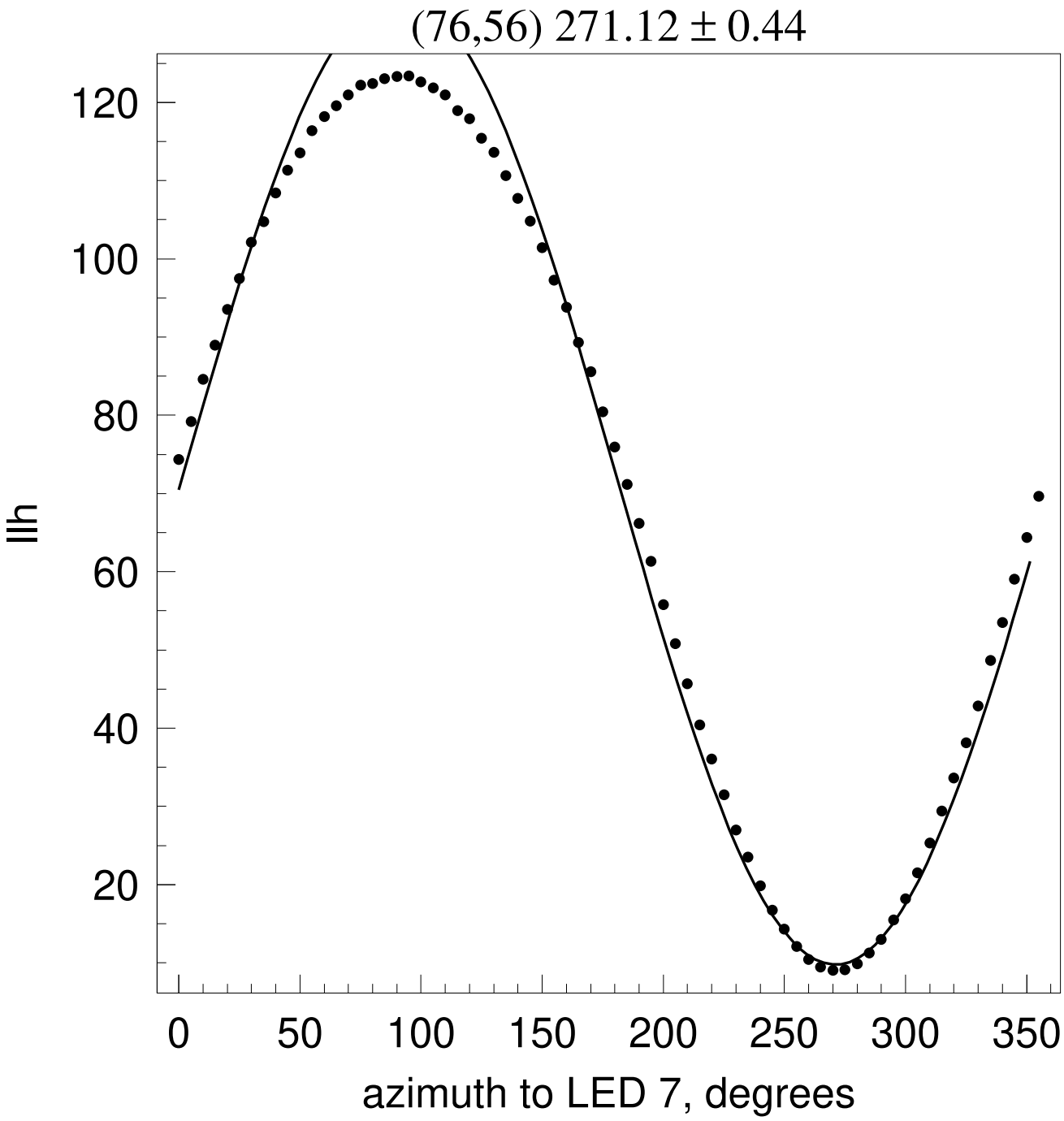

(76,51) 20.67 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

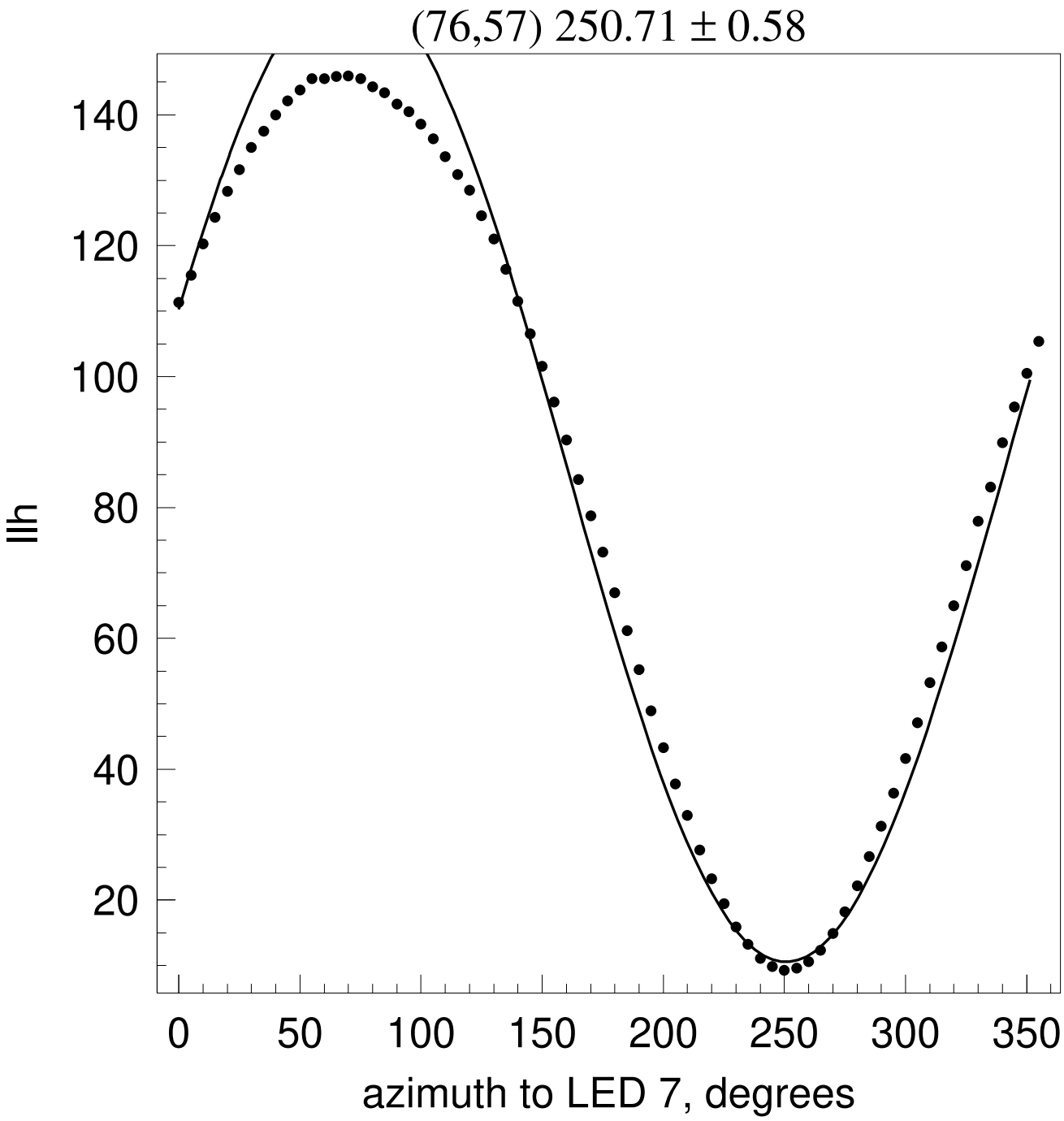

(76,52) 44.74 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

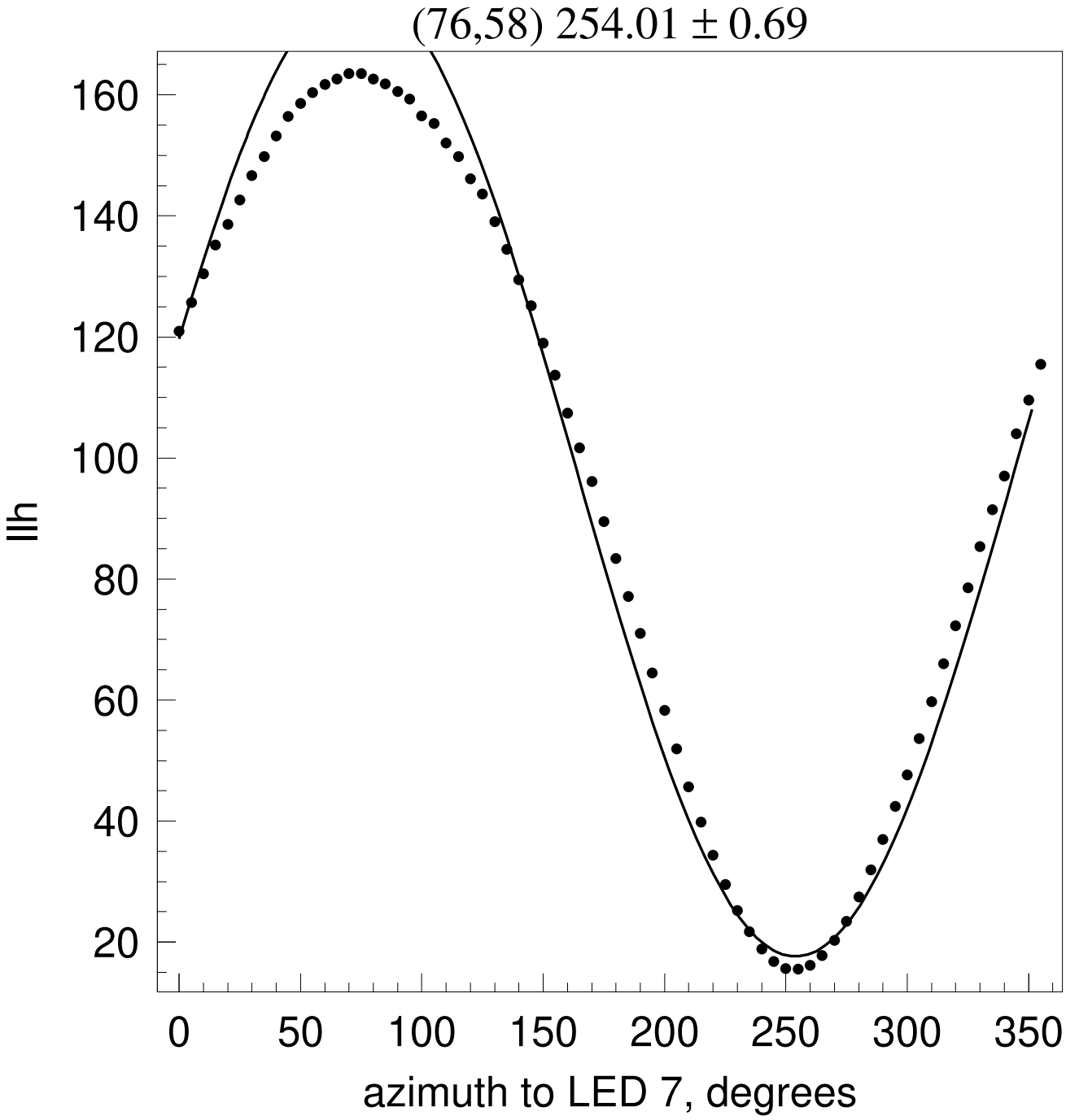

(76,53) 129.62 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

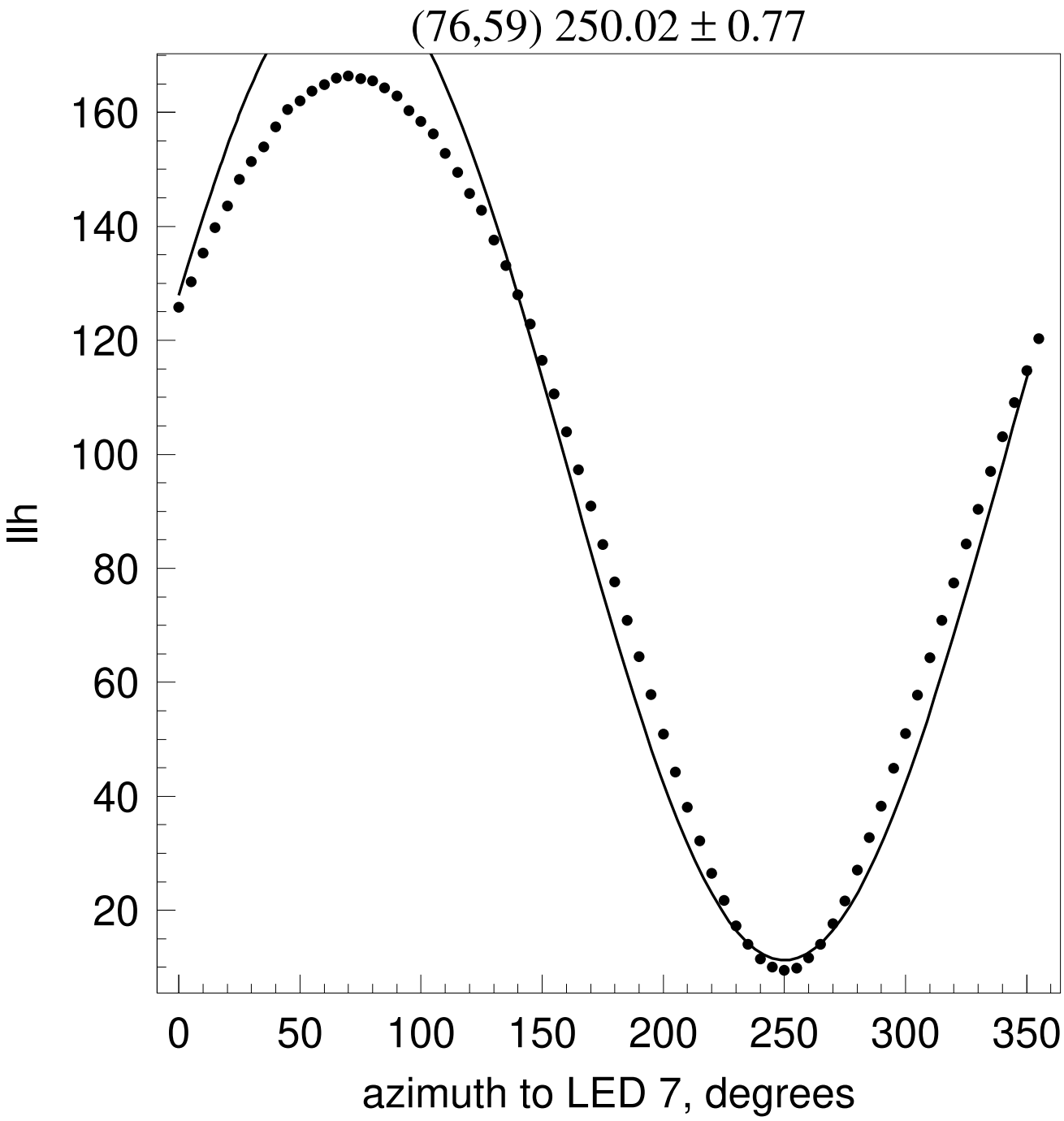

(76,54) 188.34 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

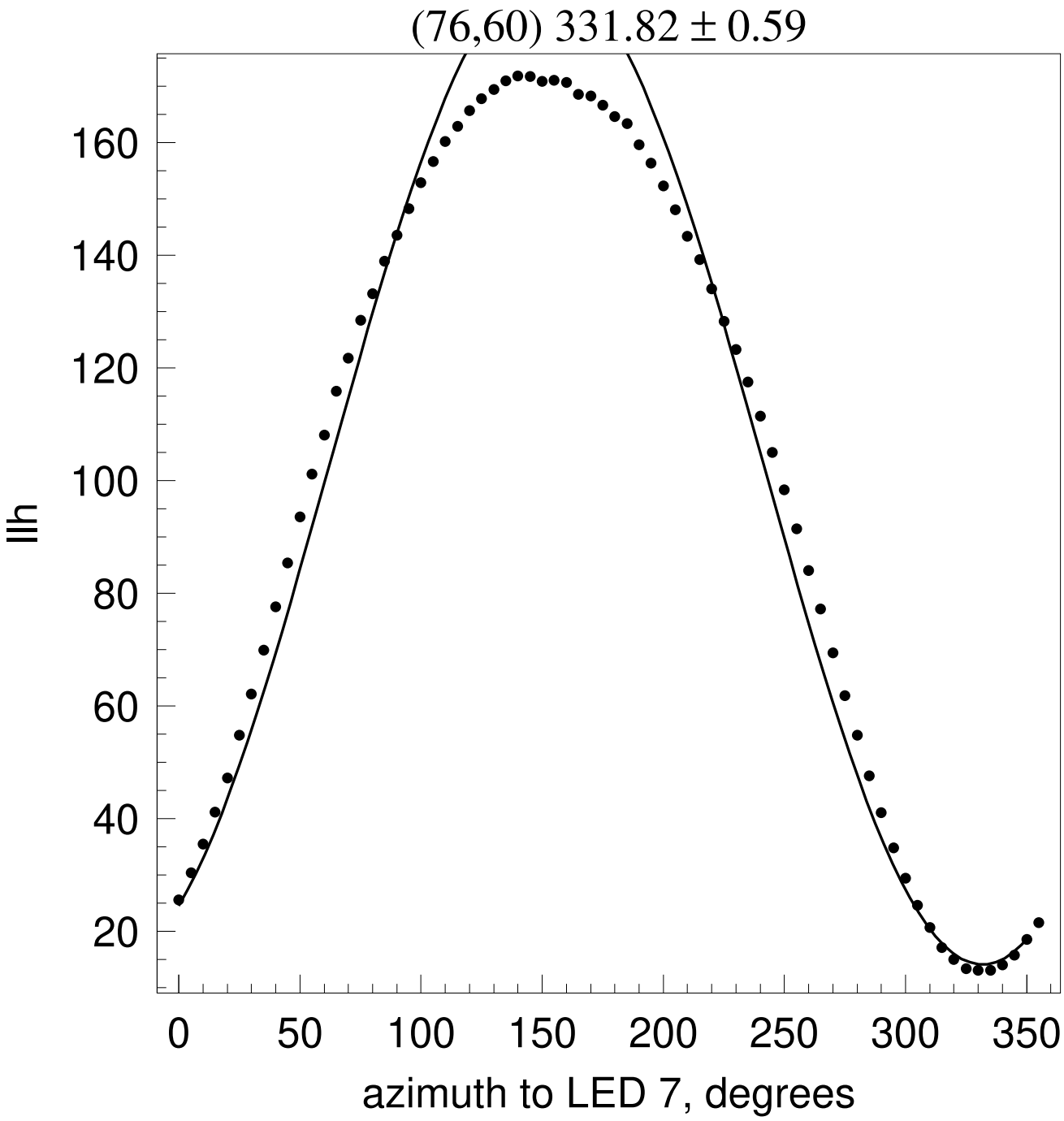

(76,55) 261.12 ± 0.35
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

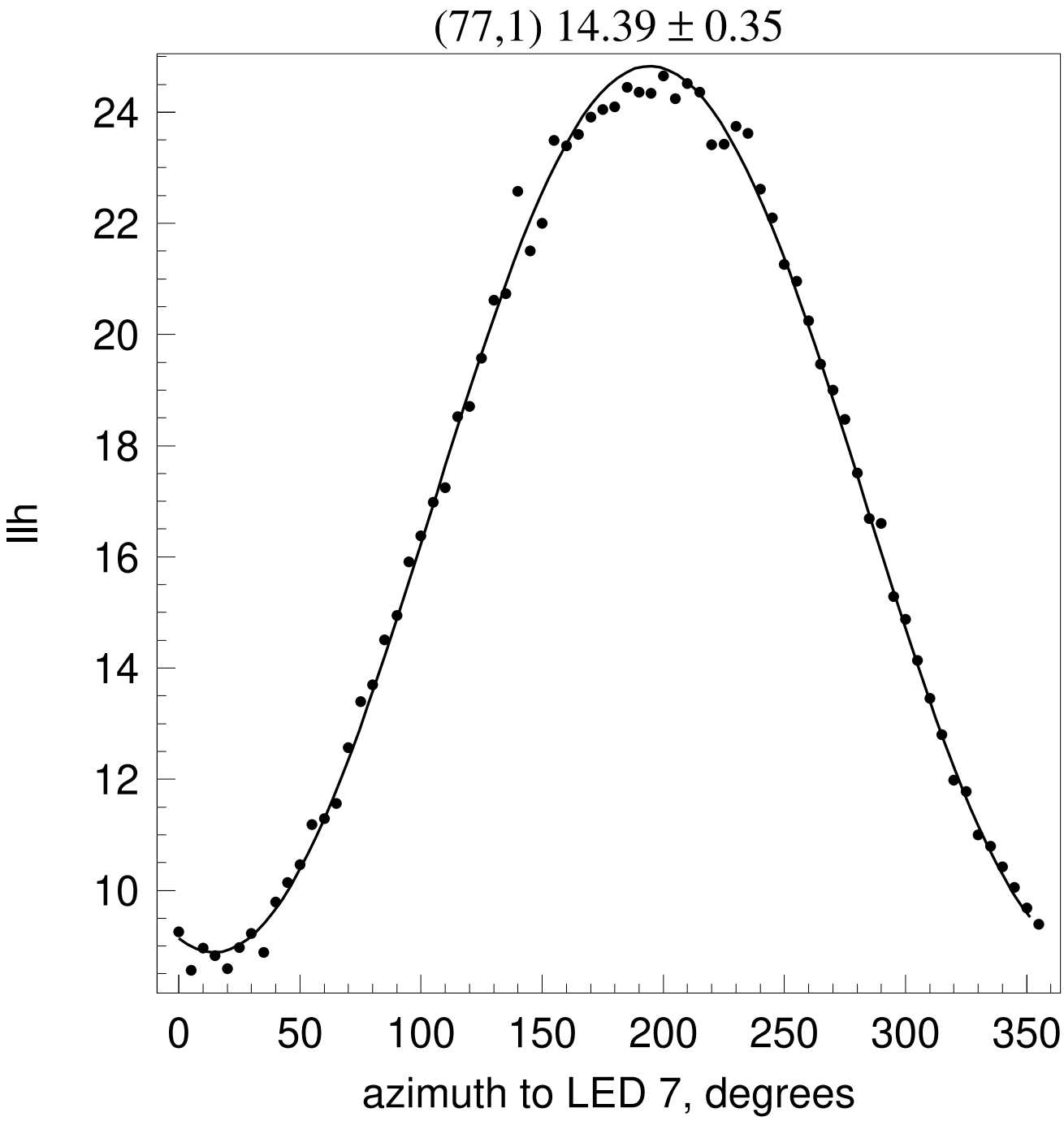

(76,56) 271.12 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

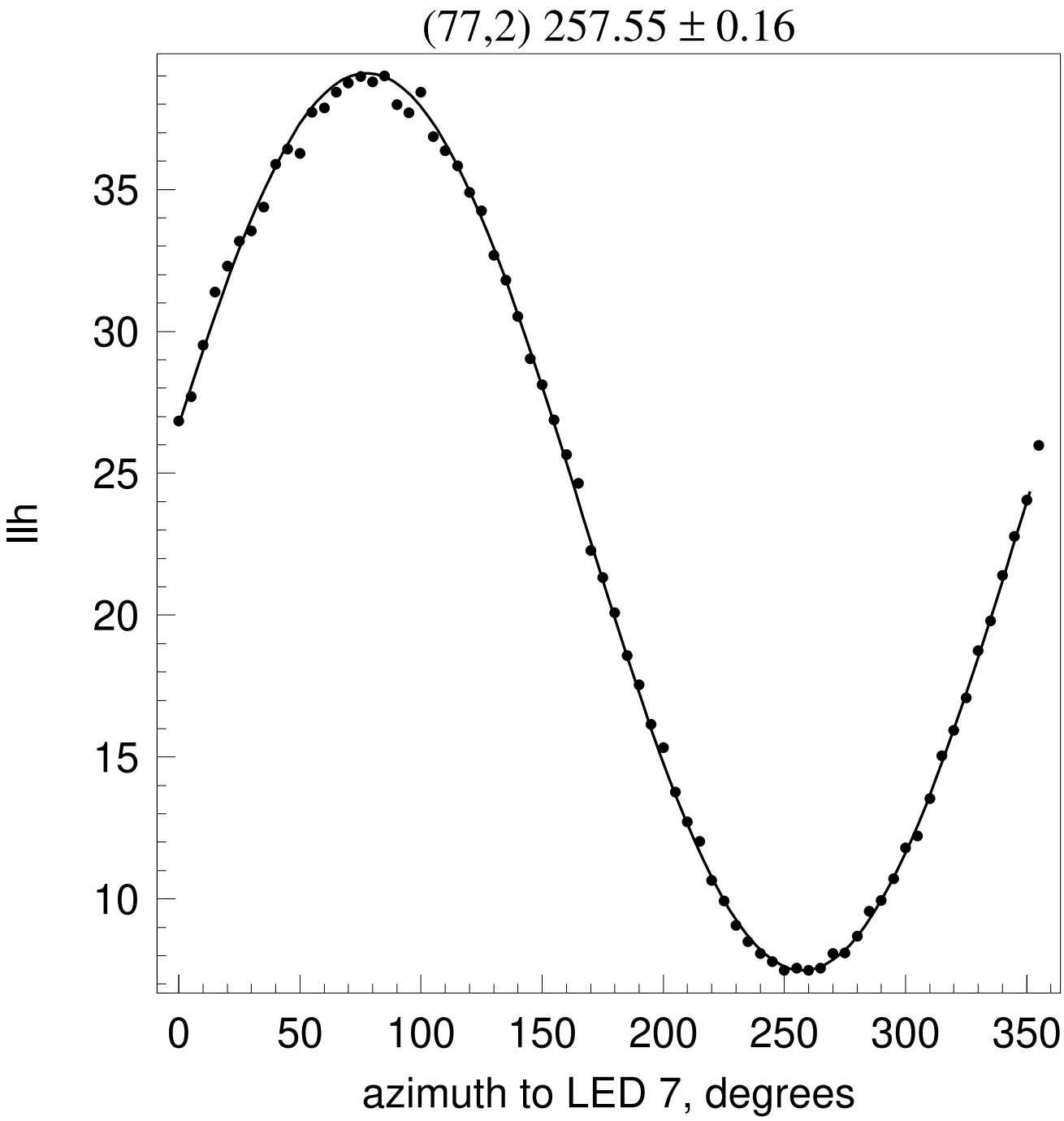

(76,57) 250.71 ± 0.58
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

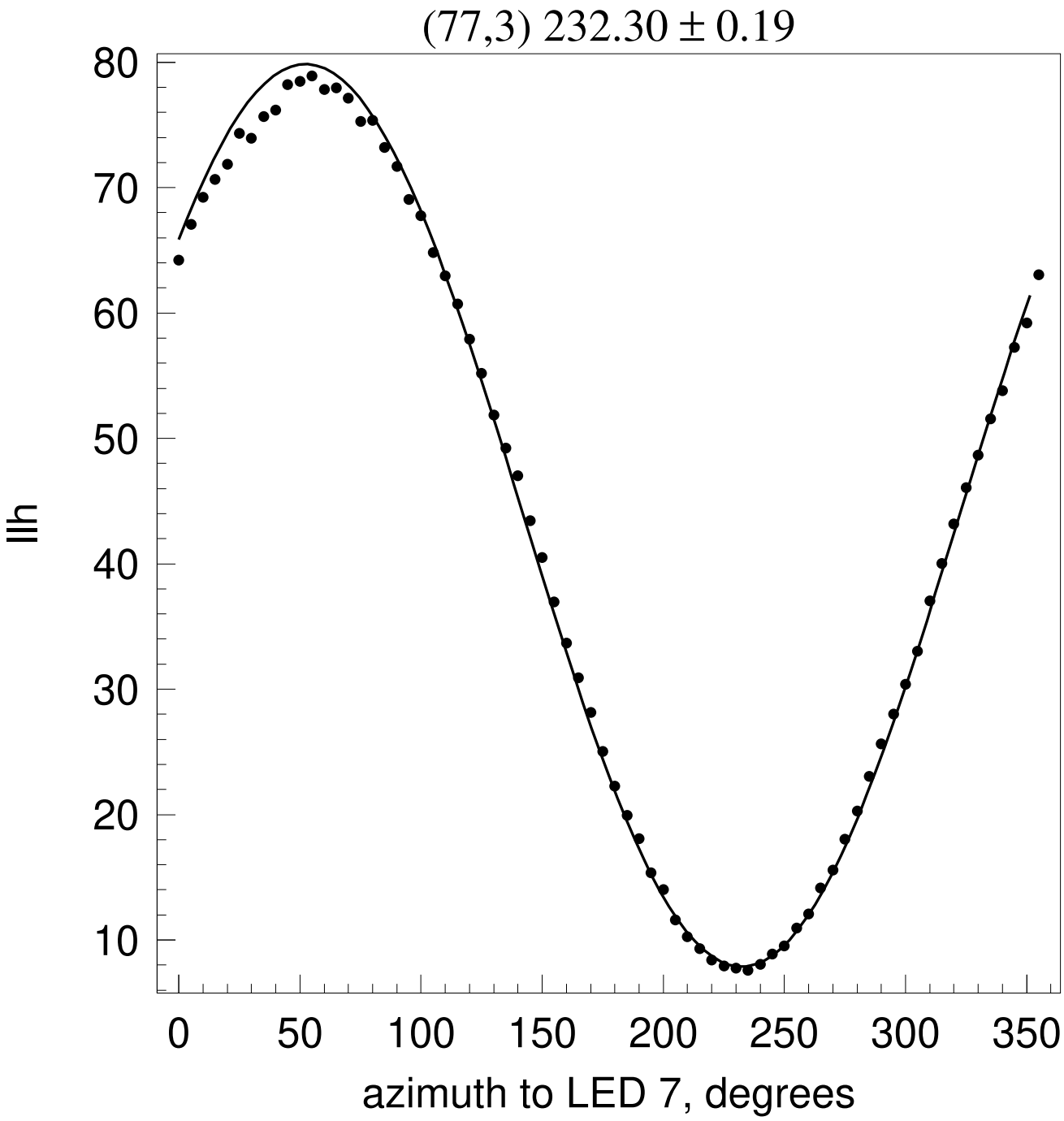

(76,58) 254.01 ± 0.69
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

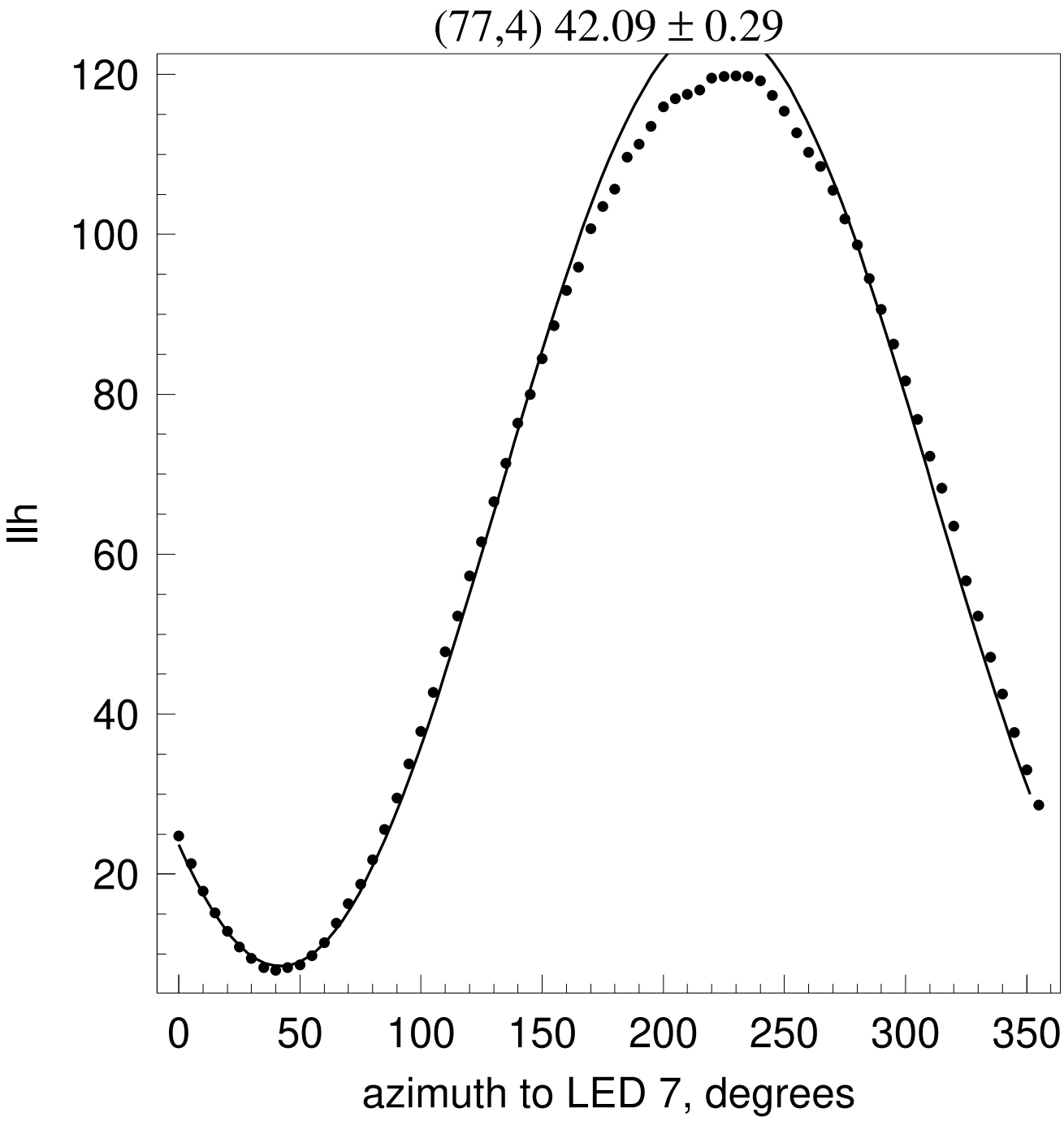

(76,59) 250.02 ± 0.77
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

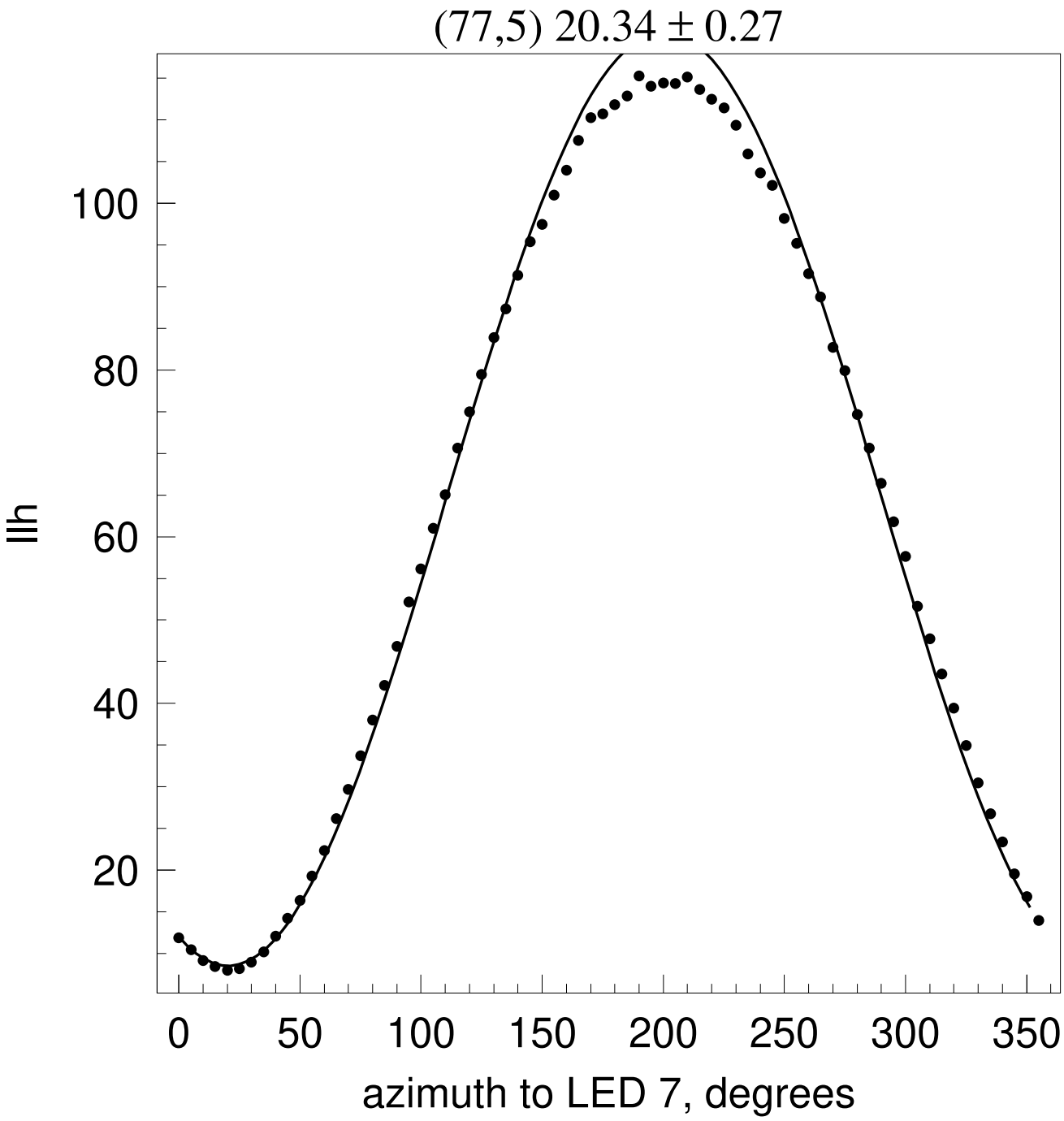

(76,60) 331.82 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

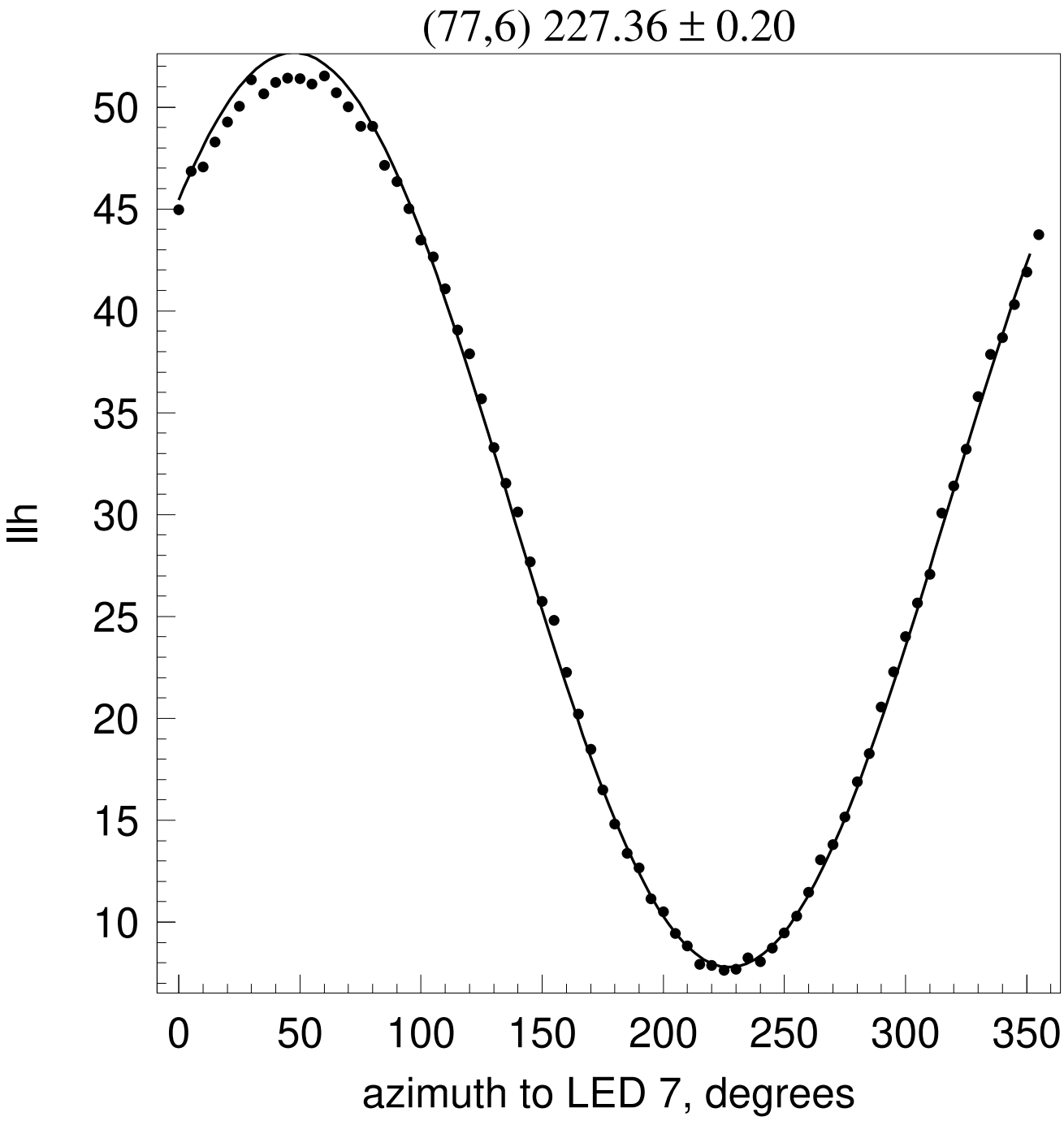

(77,1) 14.39 ± 0.35
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

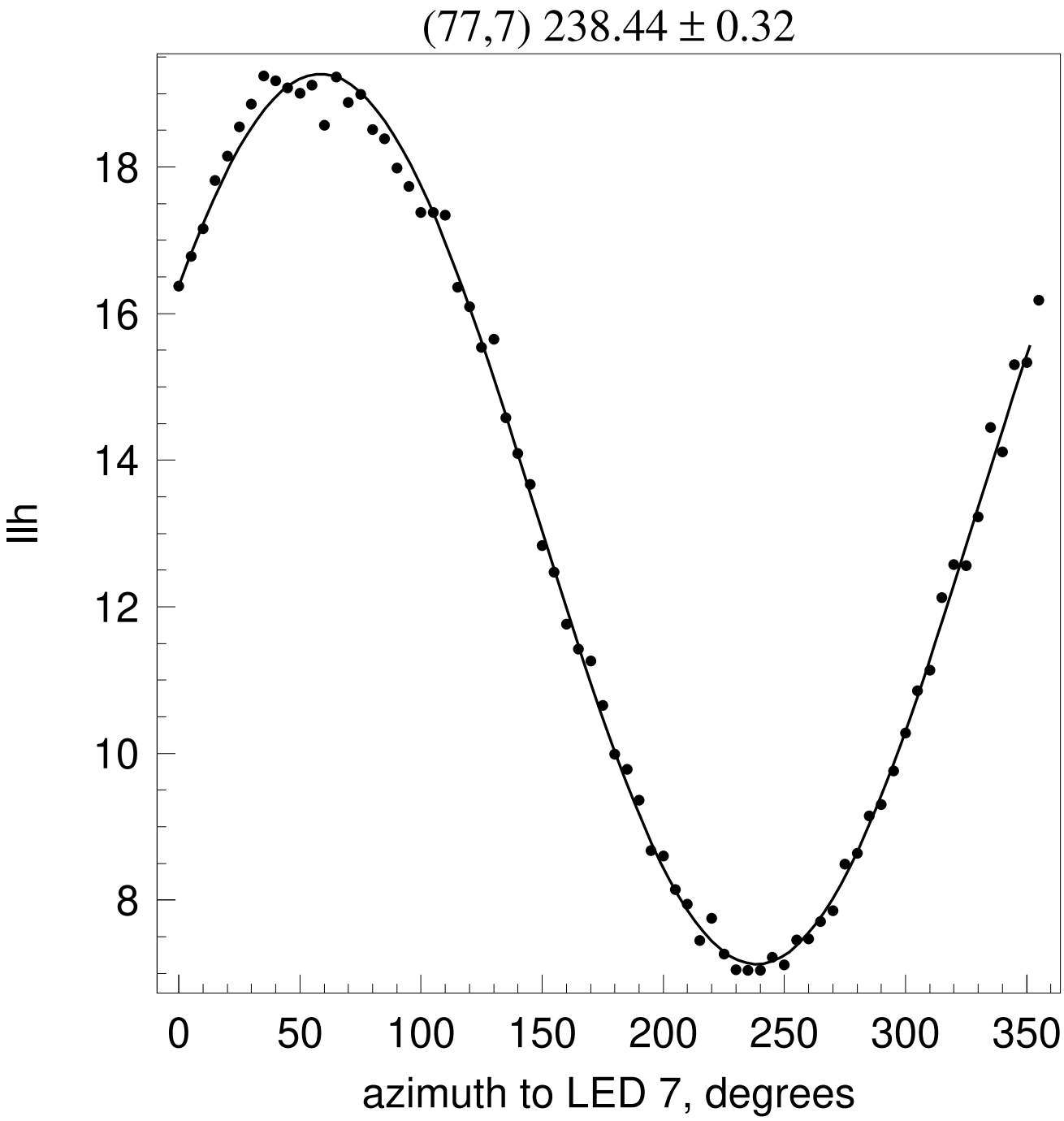

(77,2) 257.55 ± 0.16
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

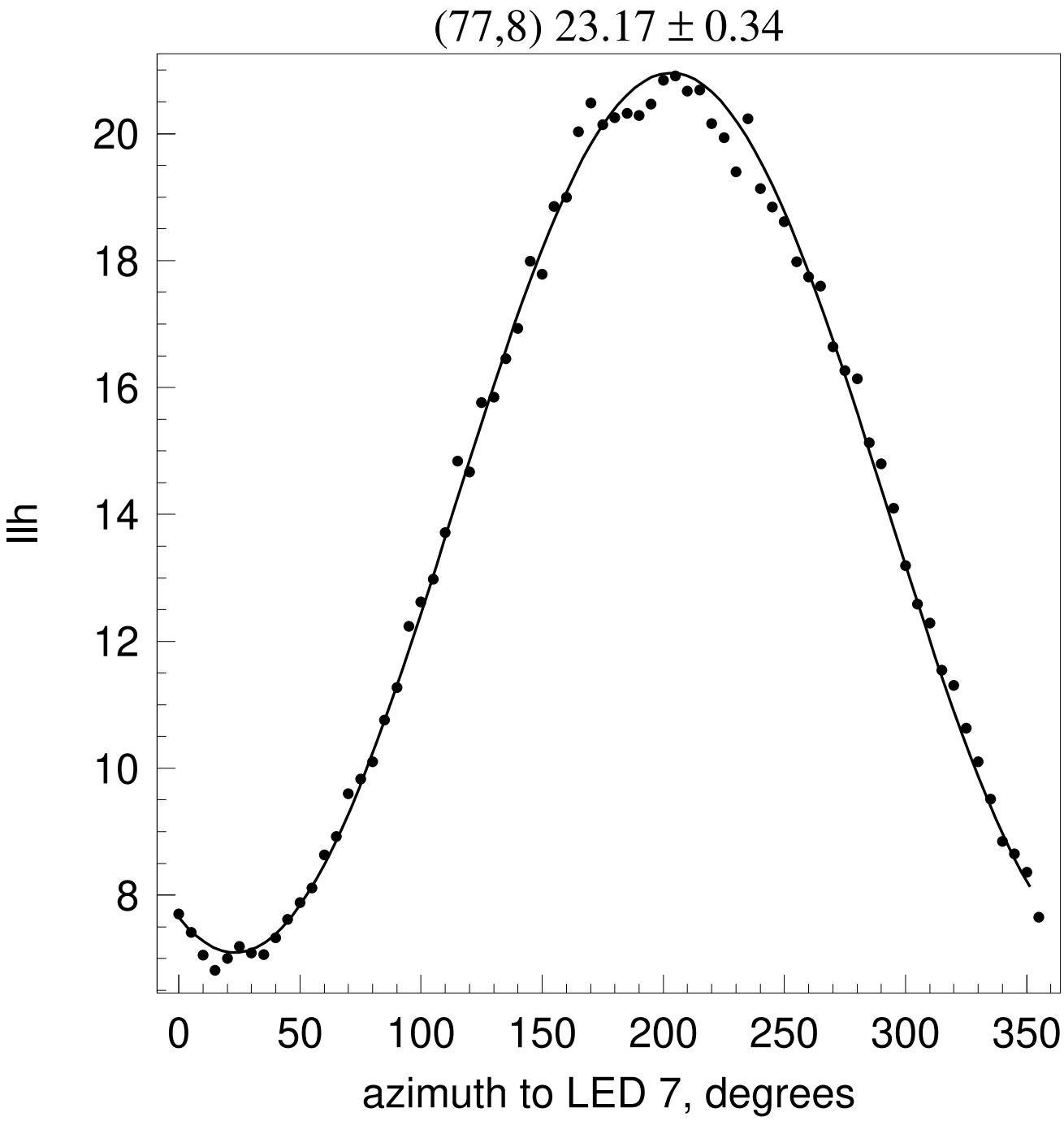

(77,3) 232.30 ± 0.19
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

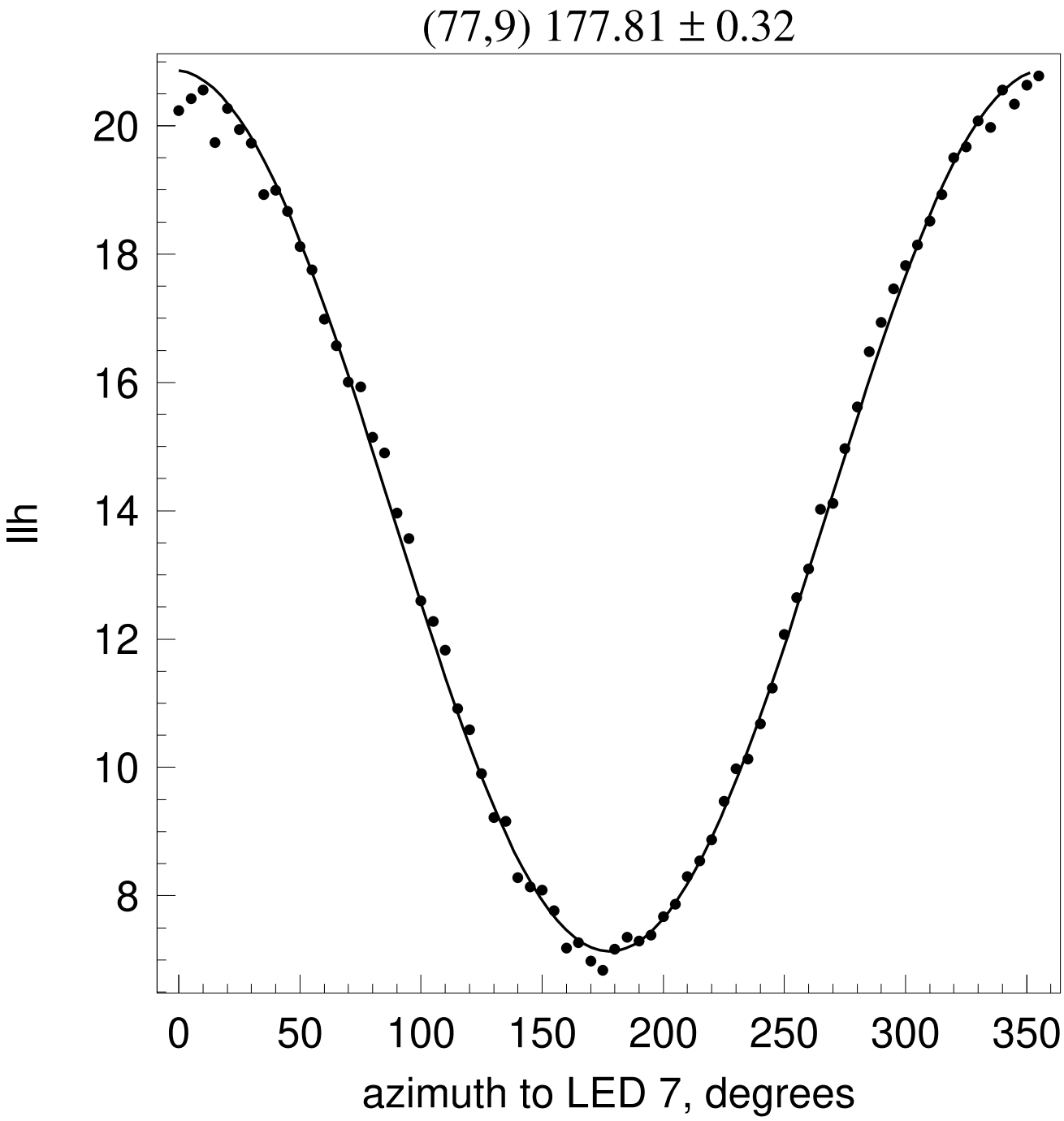

(77,4) 42.09 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

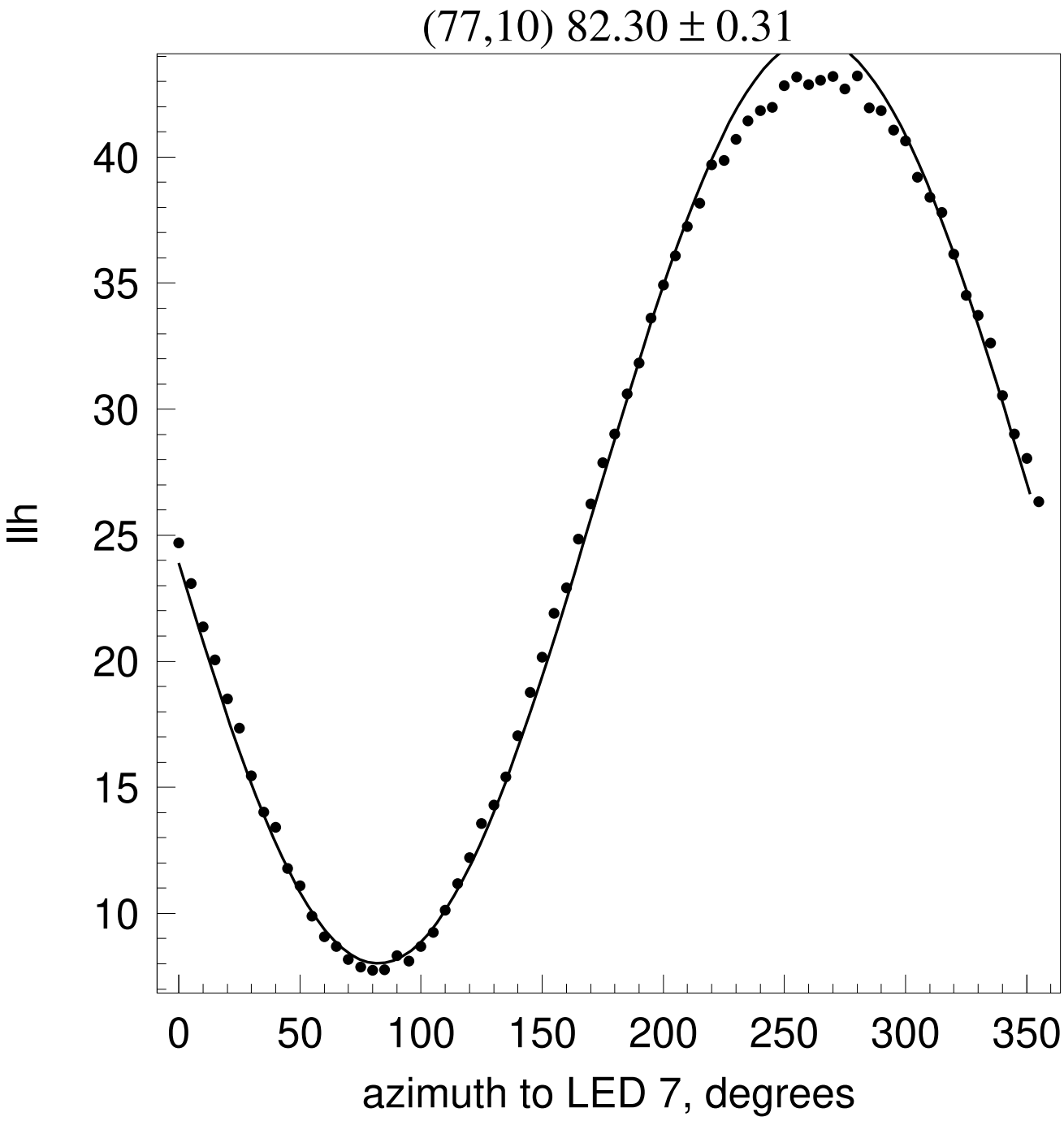

(77,5) 20.34 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

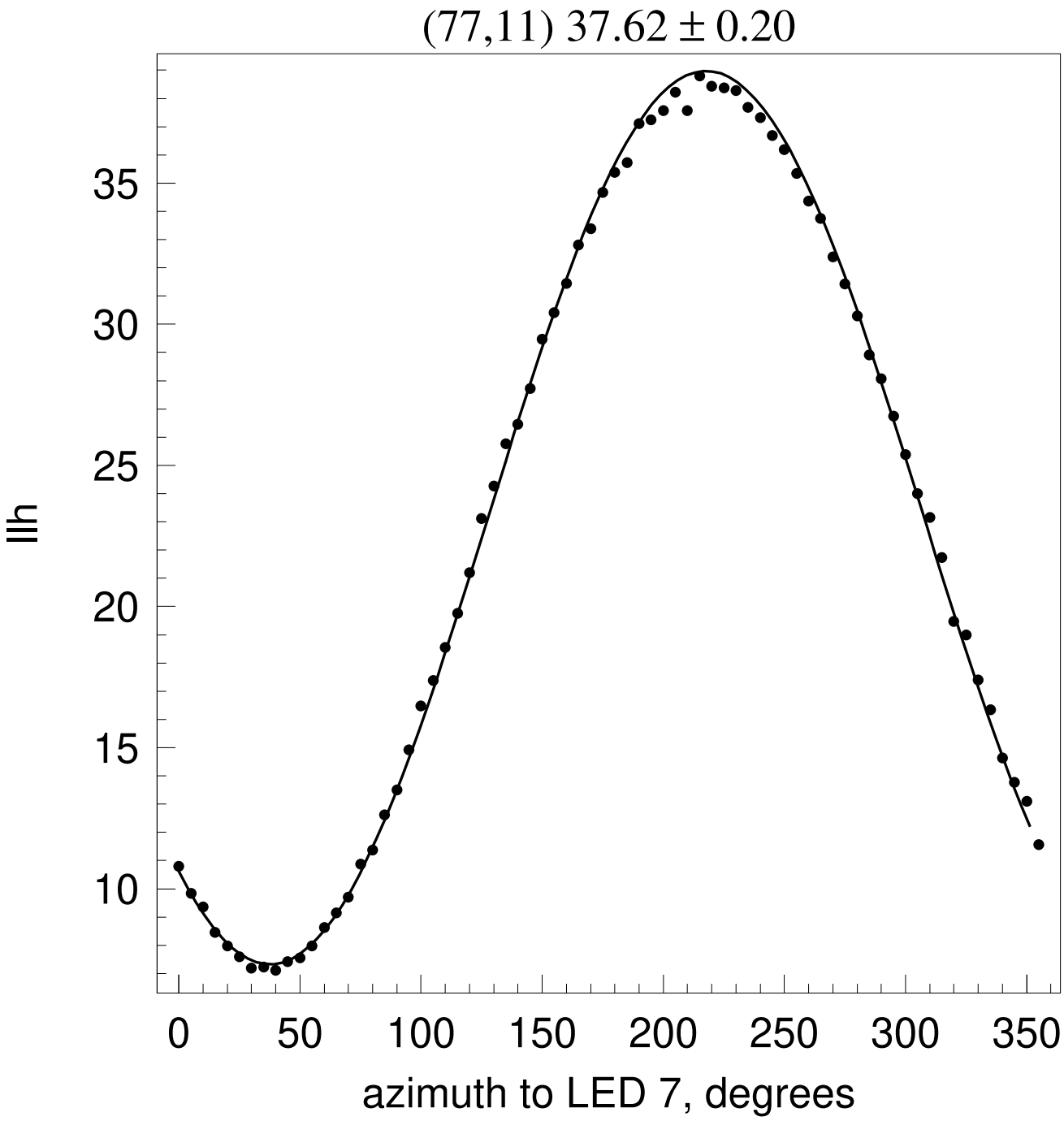

(77,6) 227.36 ± 0.20
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

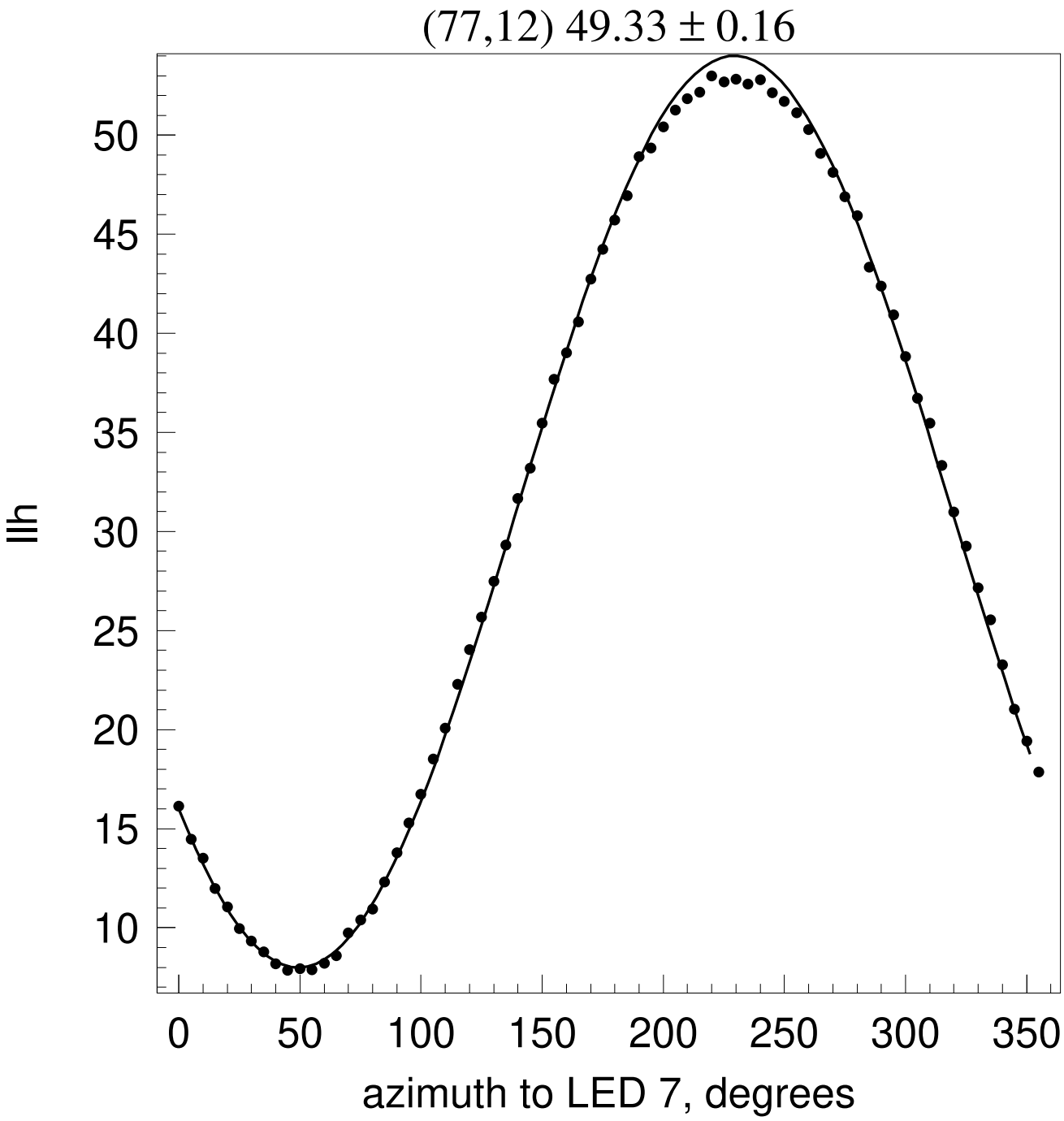

(77,7) 238.44 ± 0.32
18
16
14
12
10
8
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

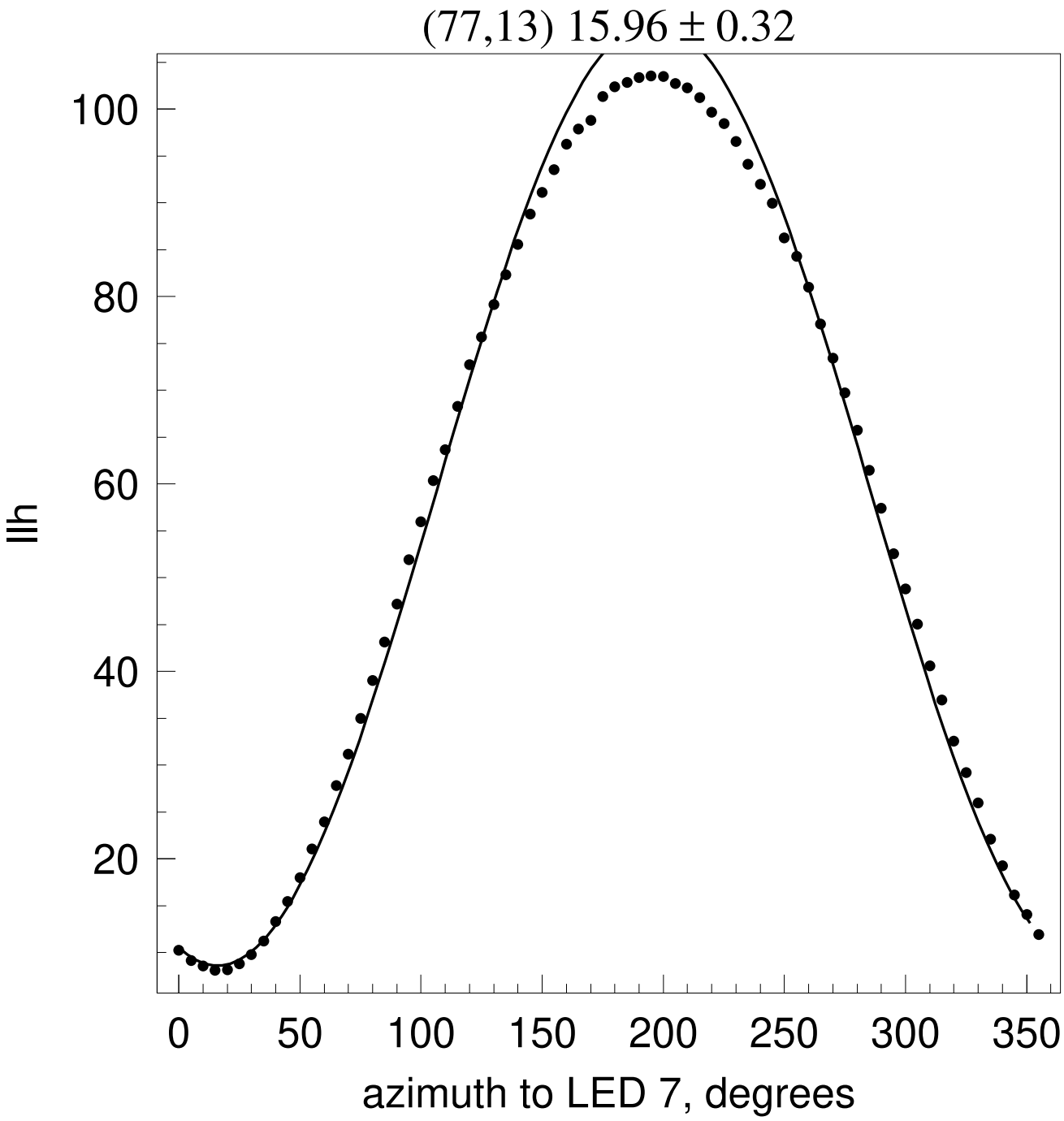

(77,8) 23.17 ± 0.34
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

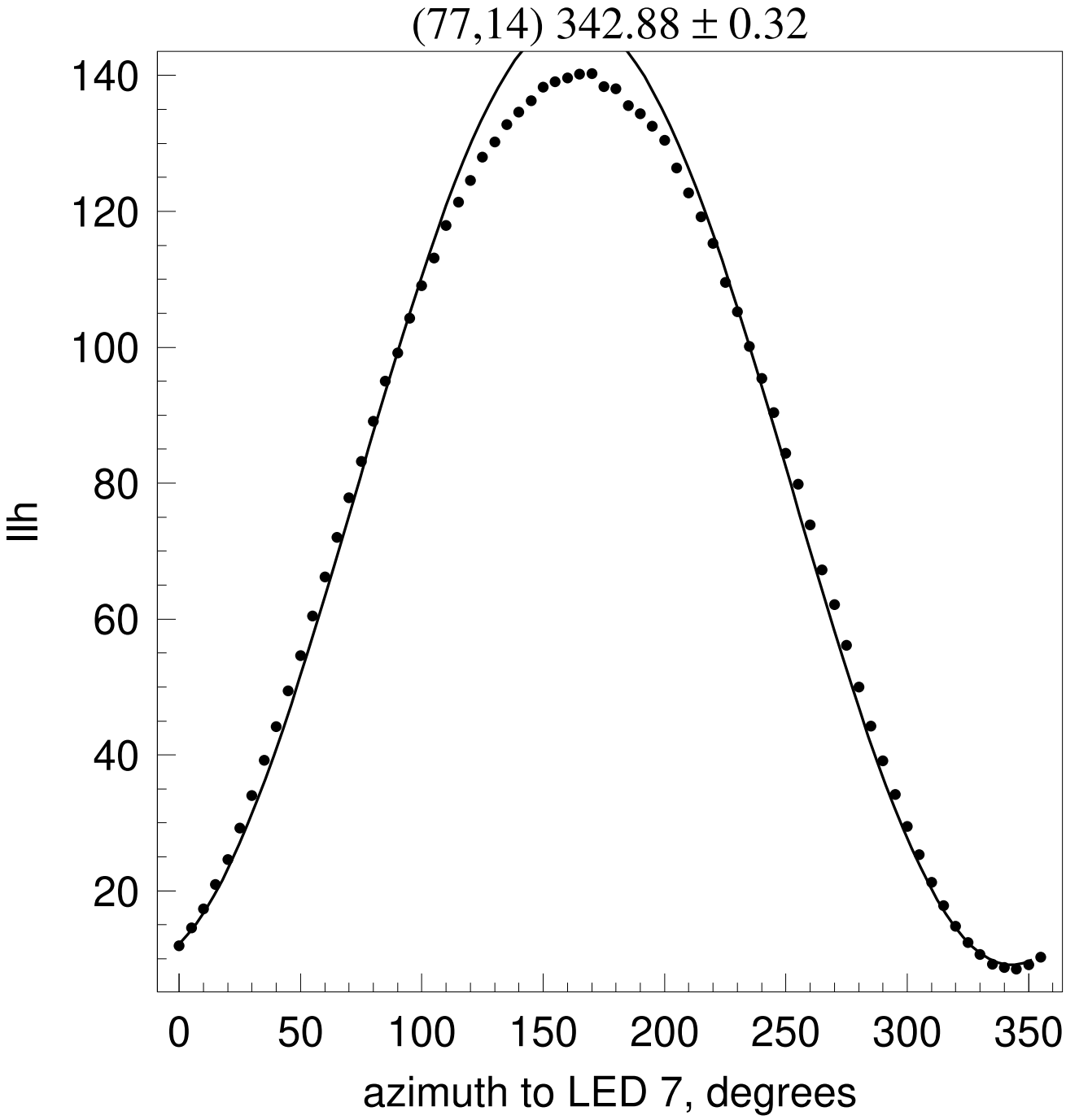

(77,9) 177.81 ± 0.32
20
18
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

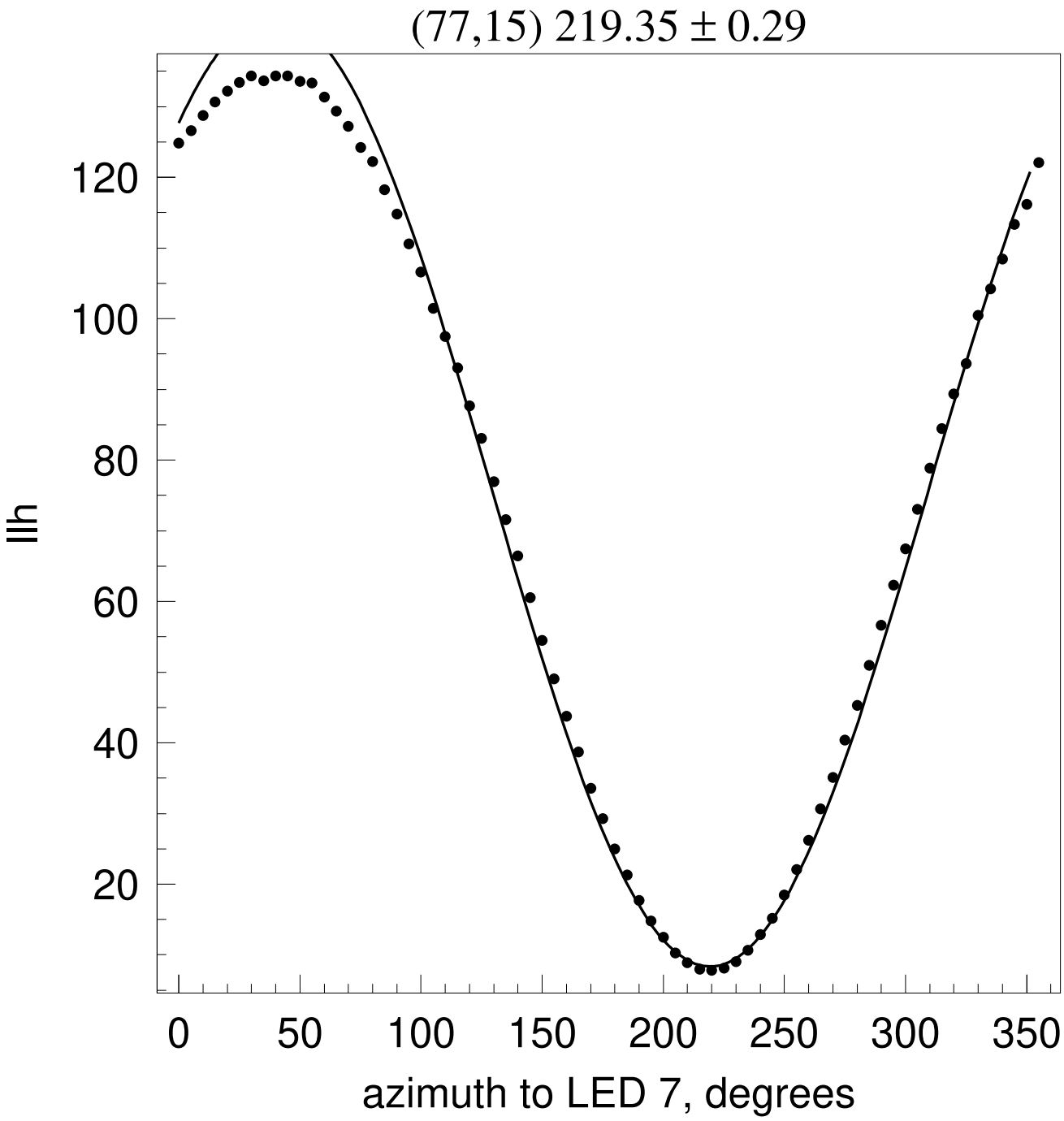

(77,10) 82.30 ± 0.31
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

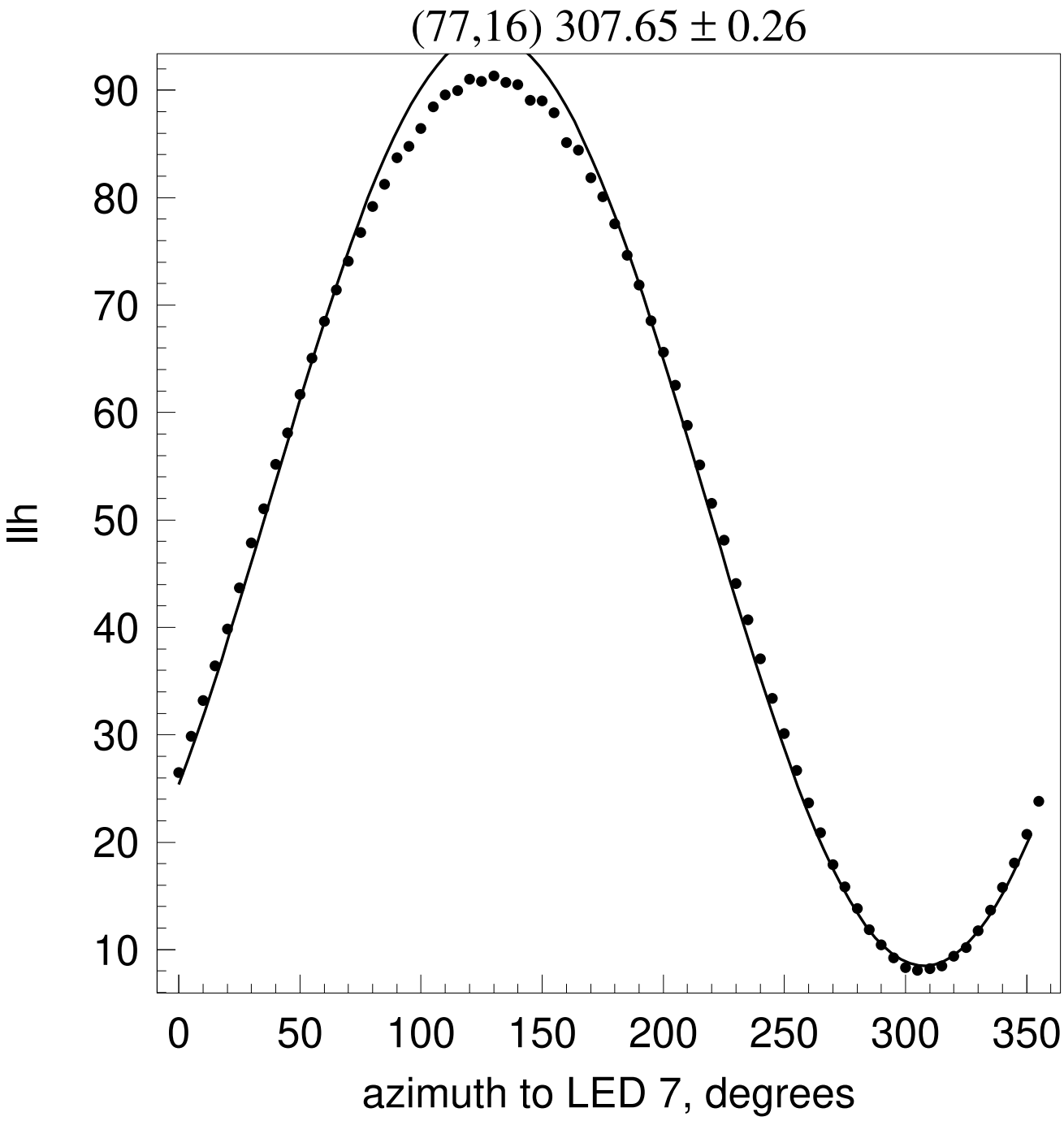

(77,11) 37.62 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

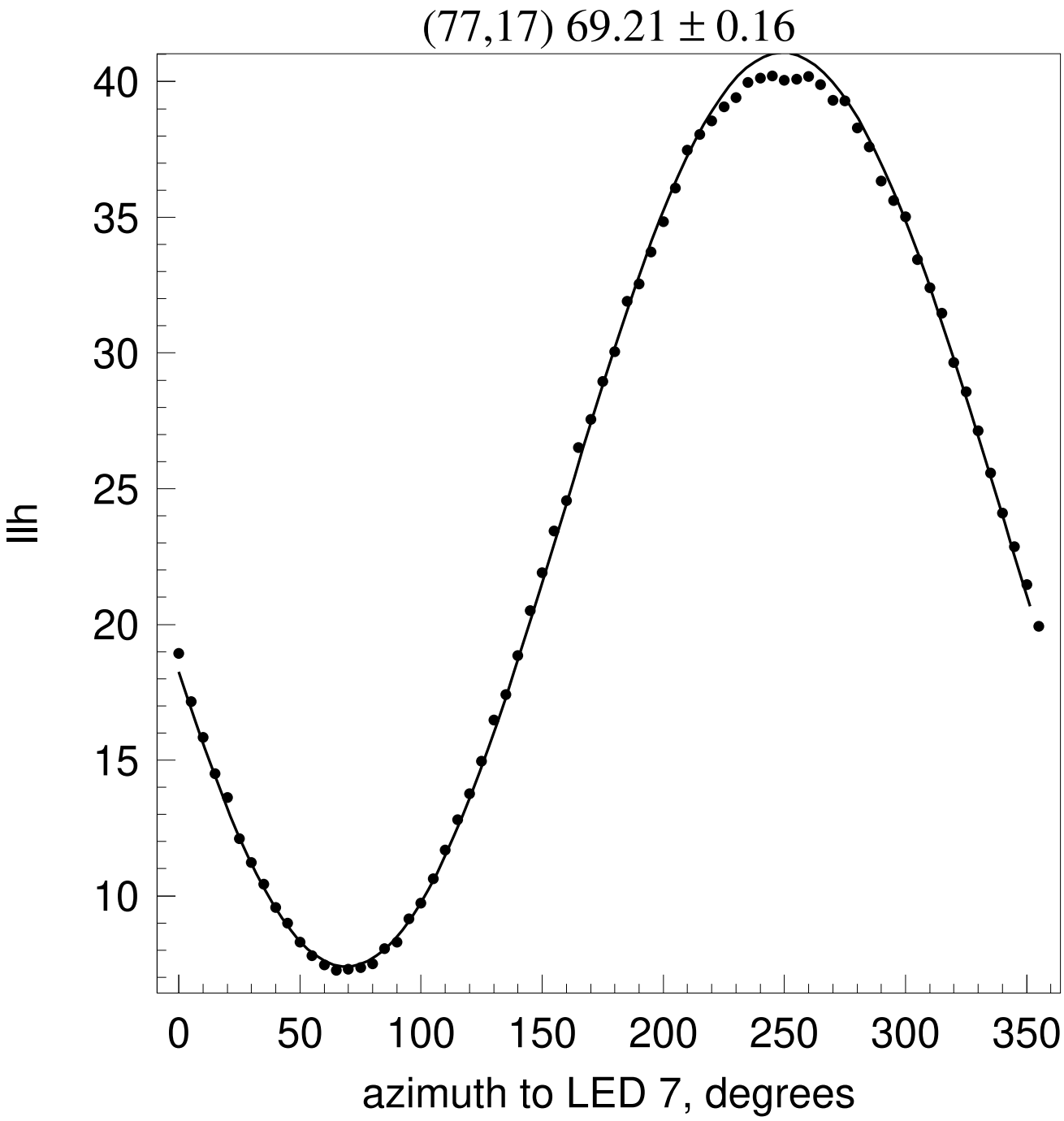

(77,12) 49.33 ± 0.16
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

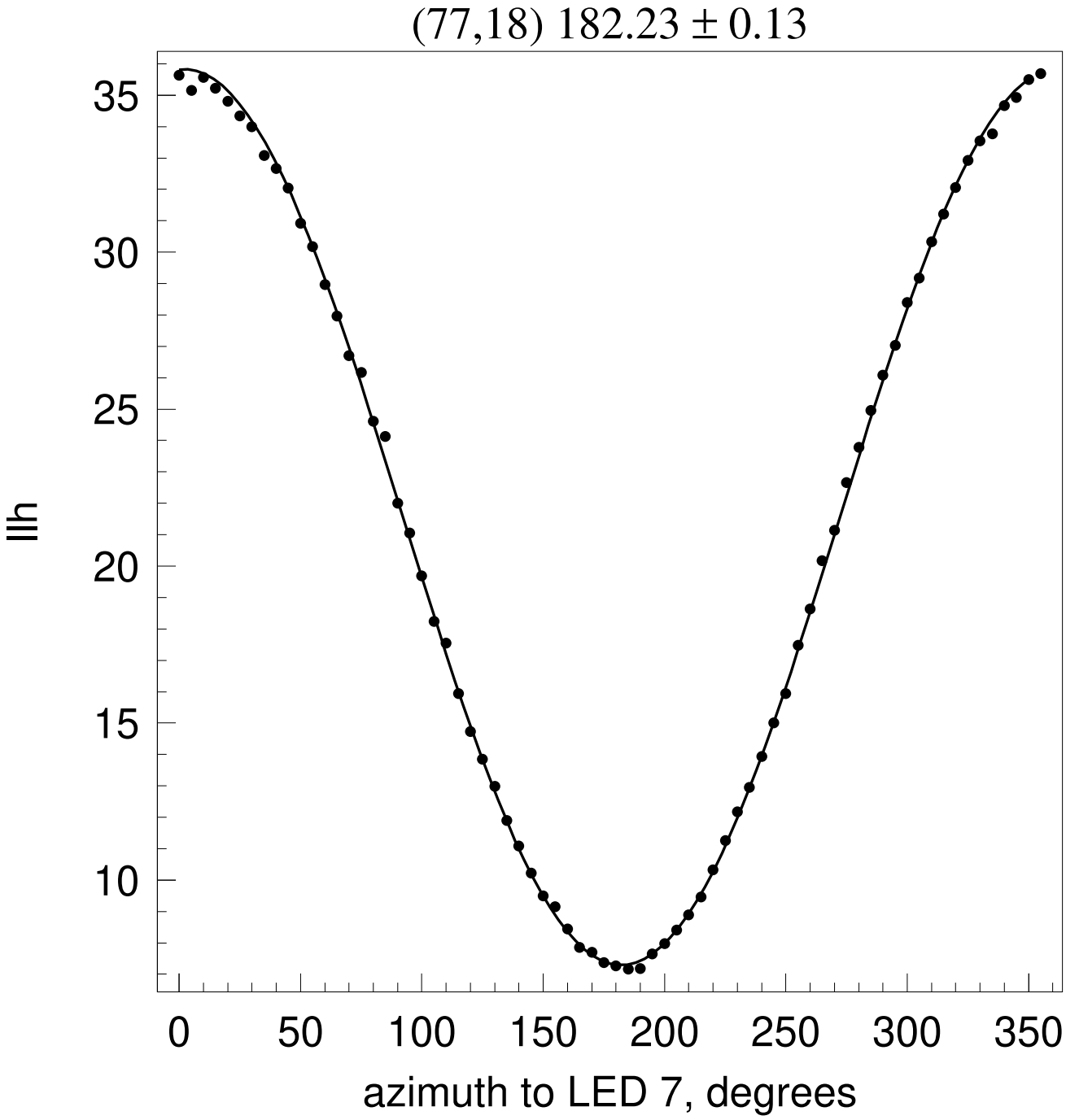

(77,13) 15.96 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

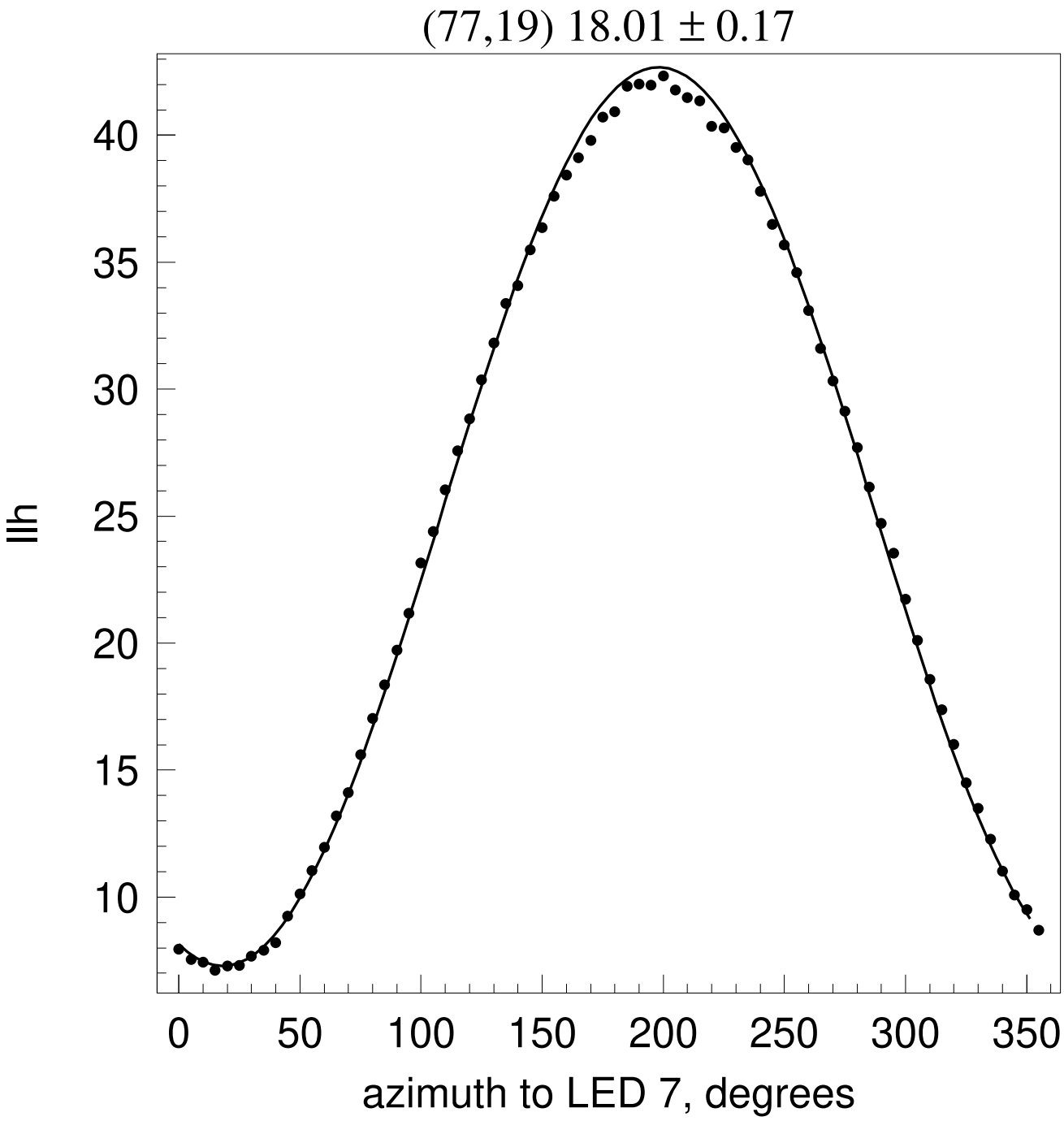

(77,14) 342.88 ± 0.32
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

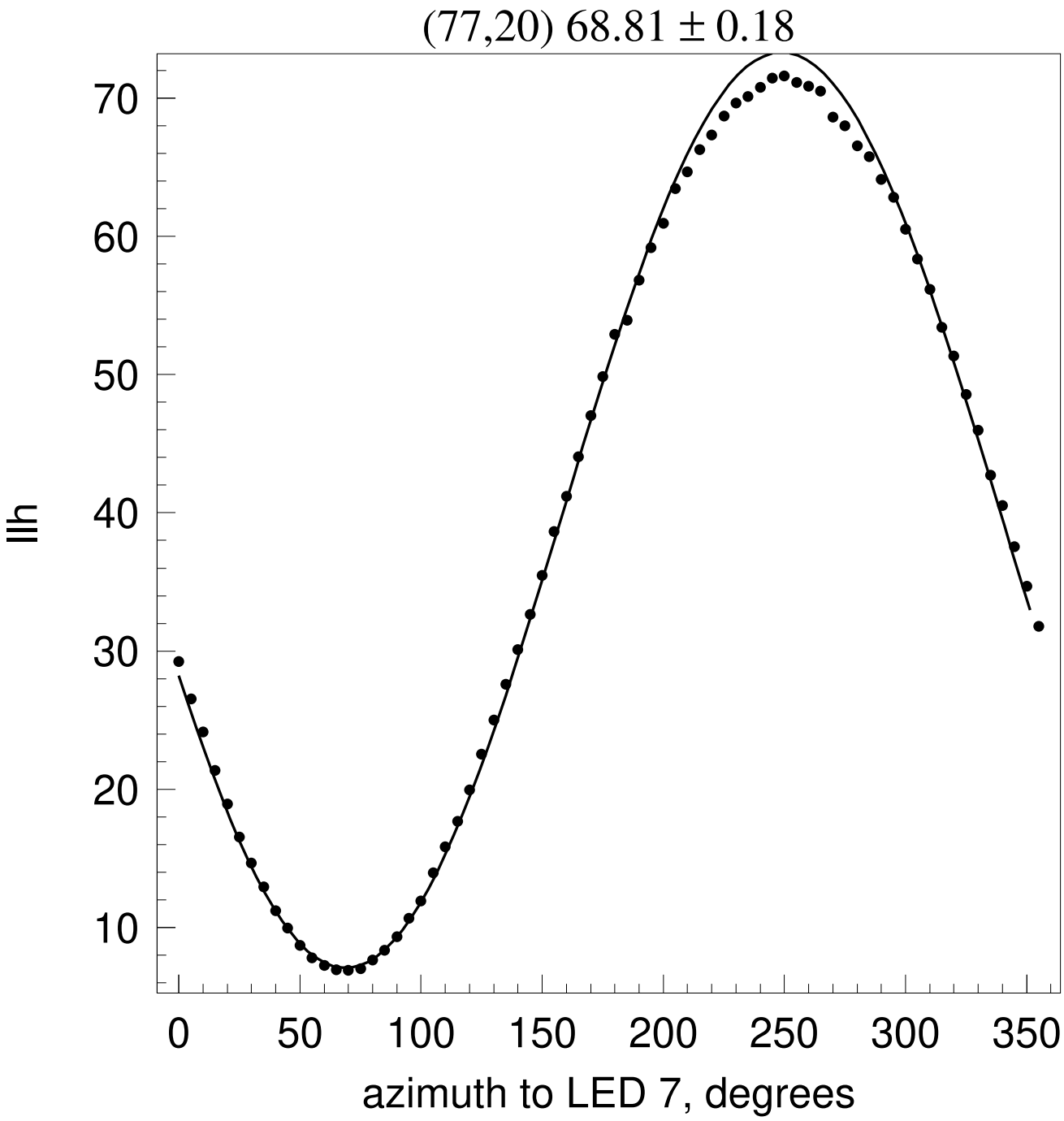

(77,15) 219.35 ± 0.29
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

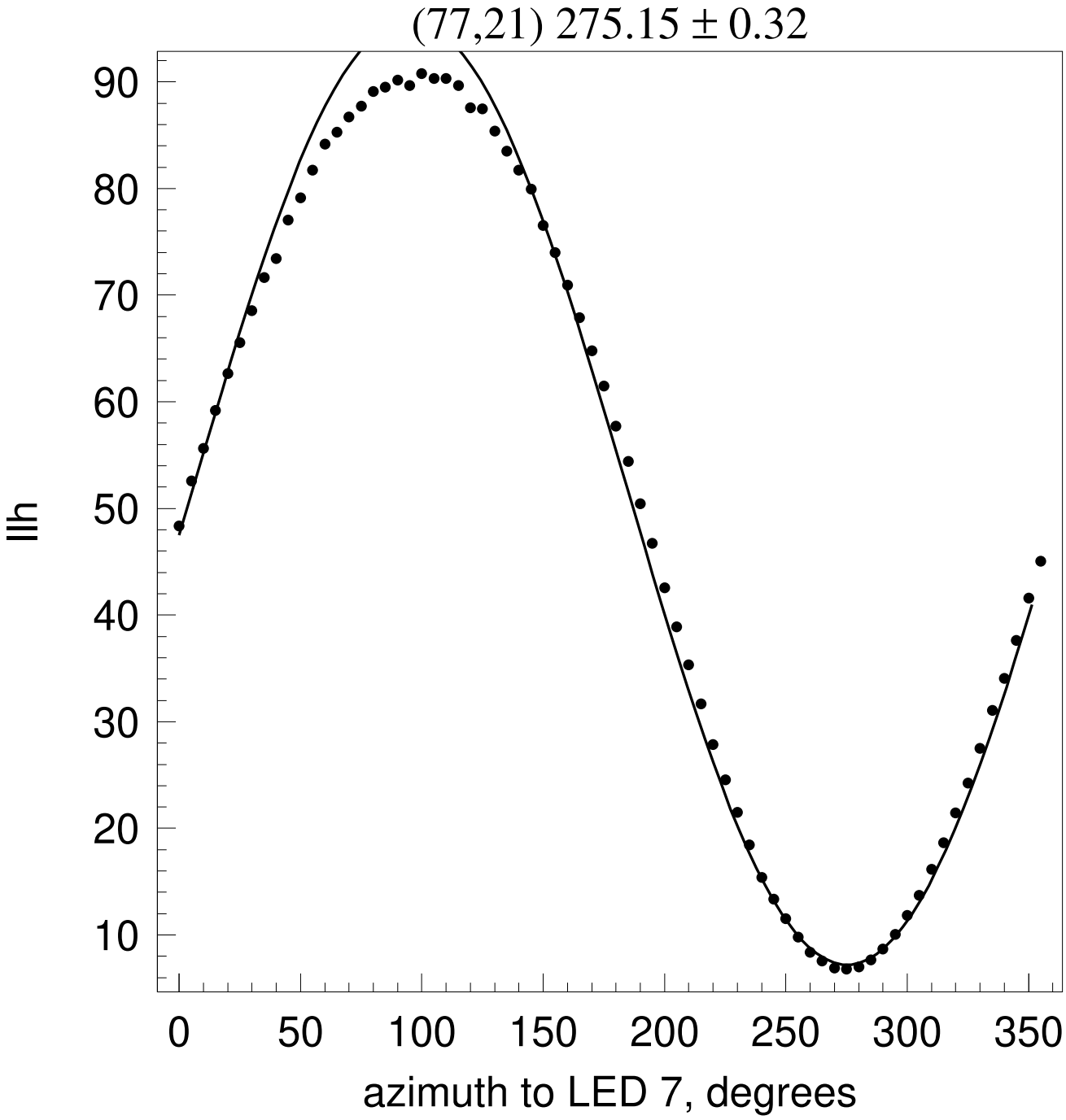

(77,16) 307.65 ± 0.26
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

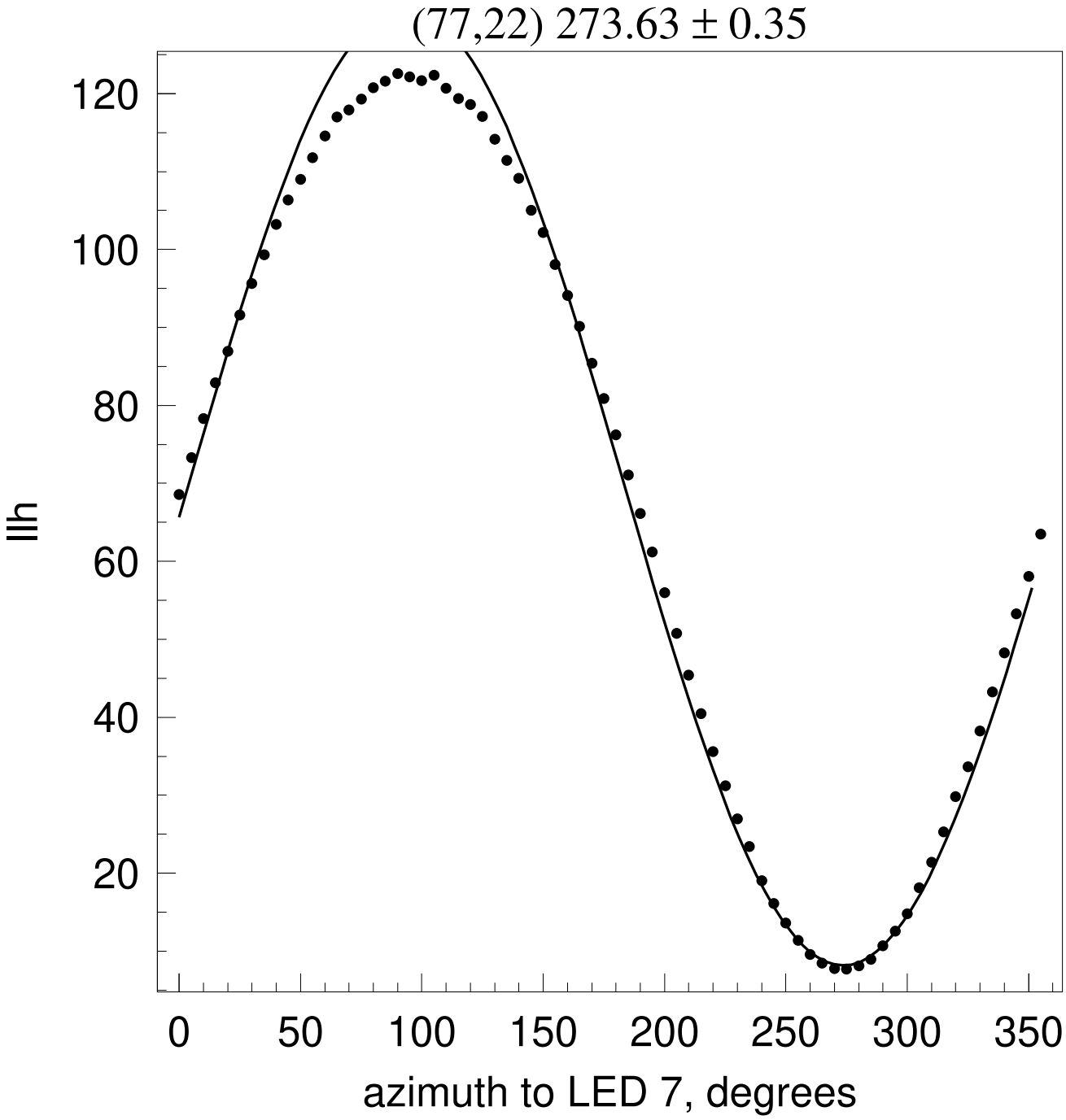

(77,17) 69.21 ± 0.16
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

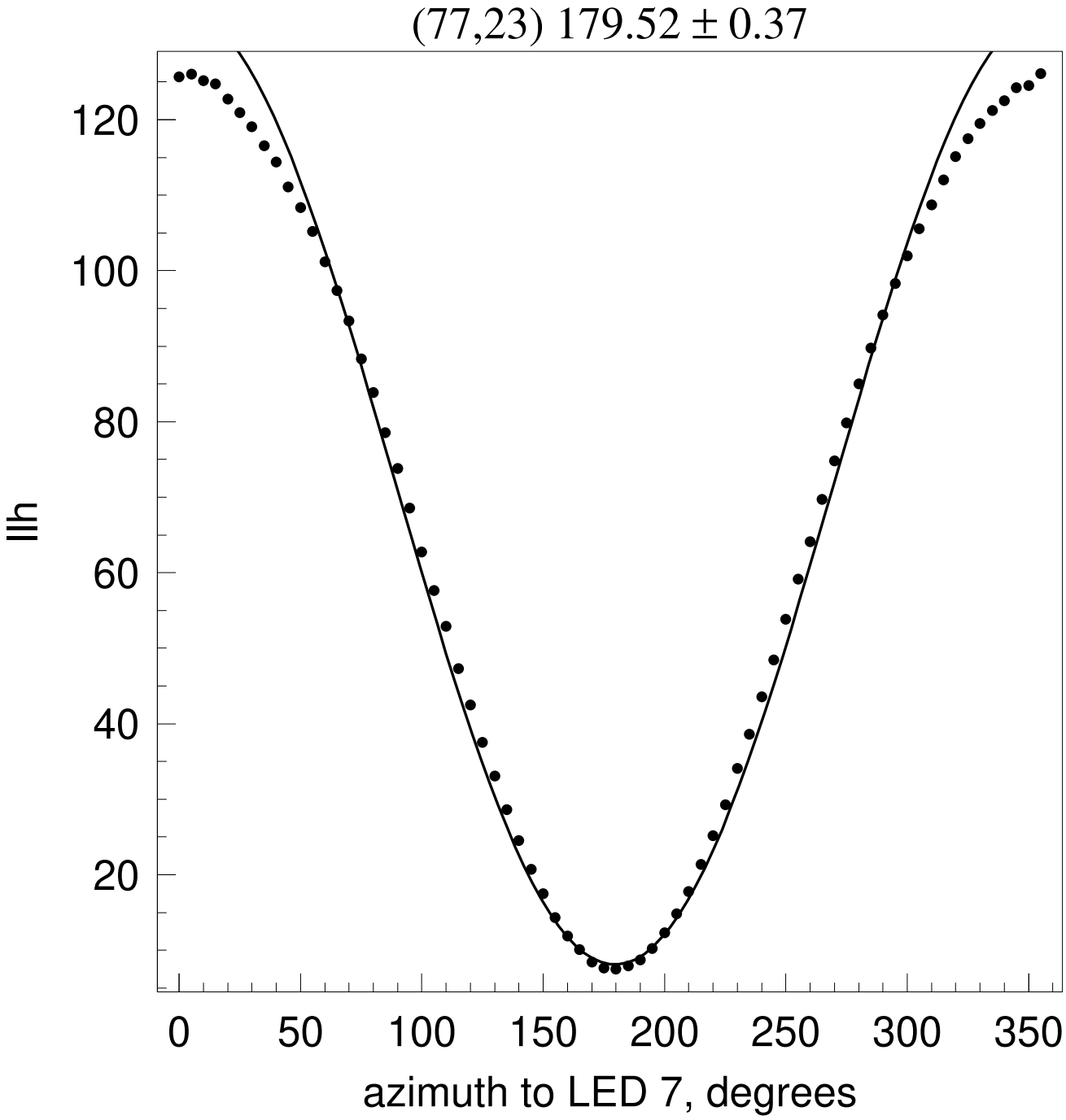

(77,18) 182.23 ± 0.13
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

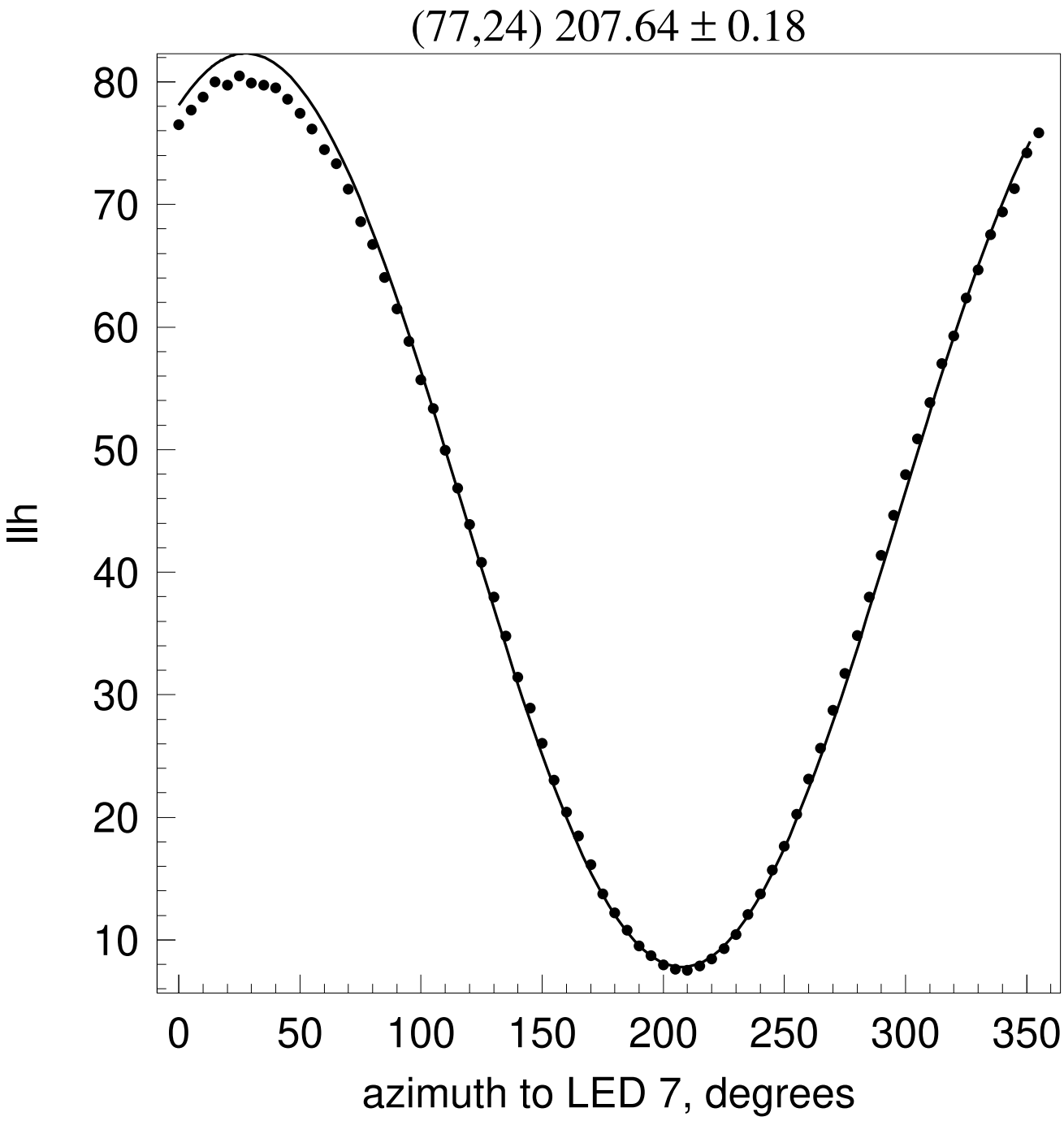

(77,19) 18.01 ± 0.17
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

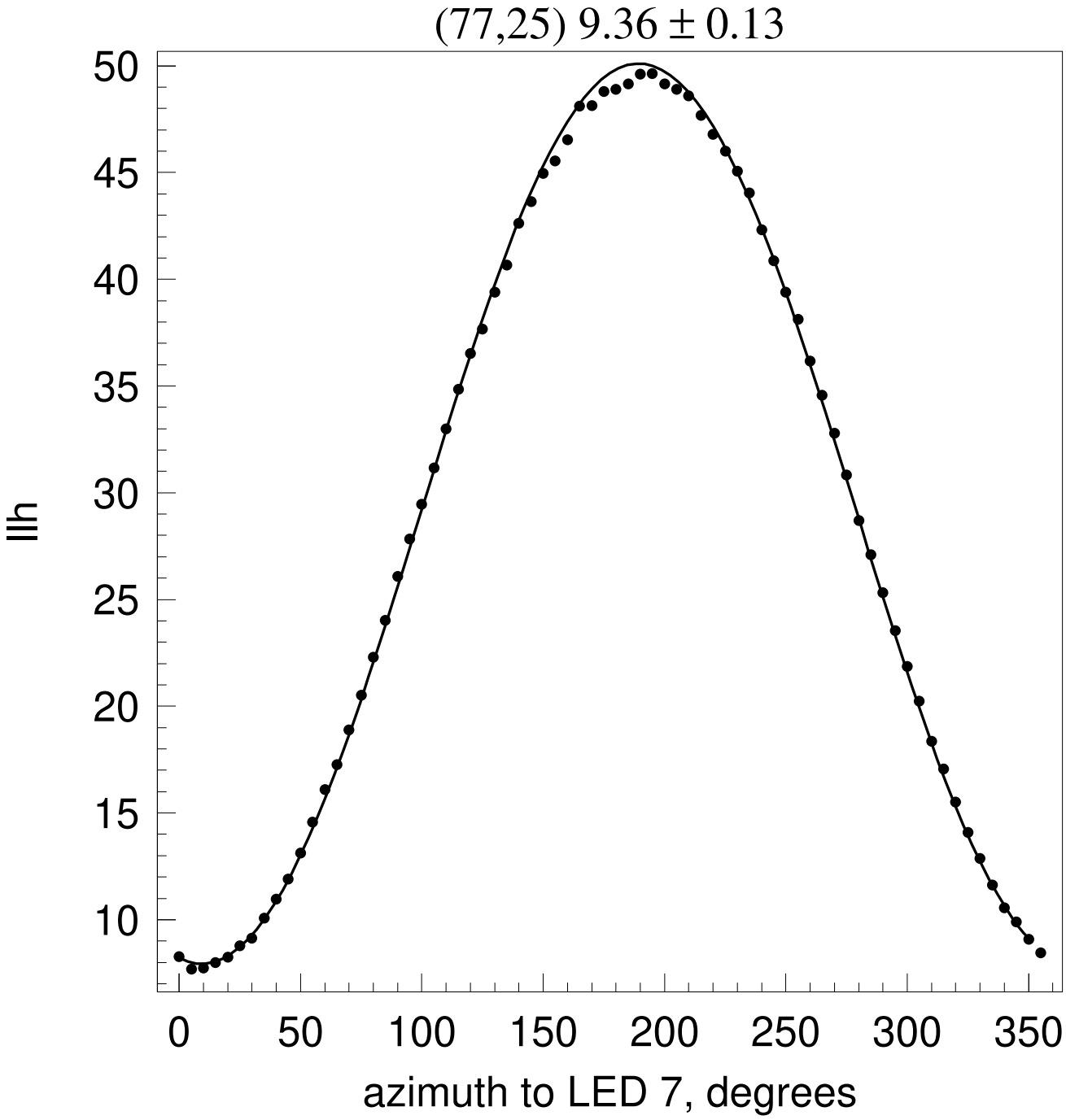

(77,20) 68.81 ± 0.18
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

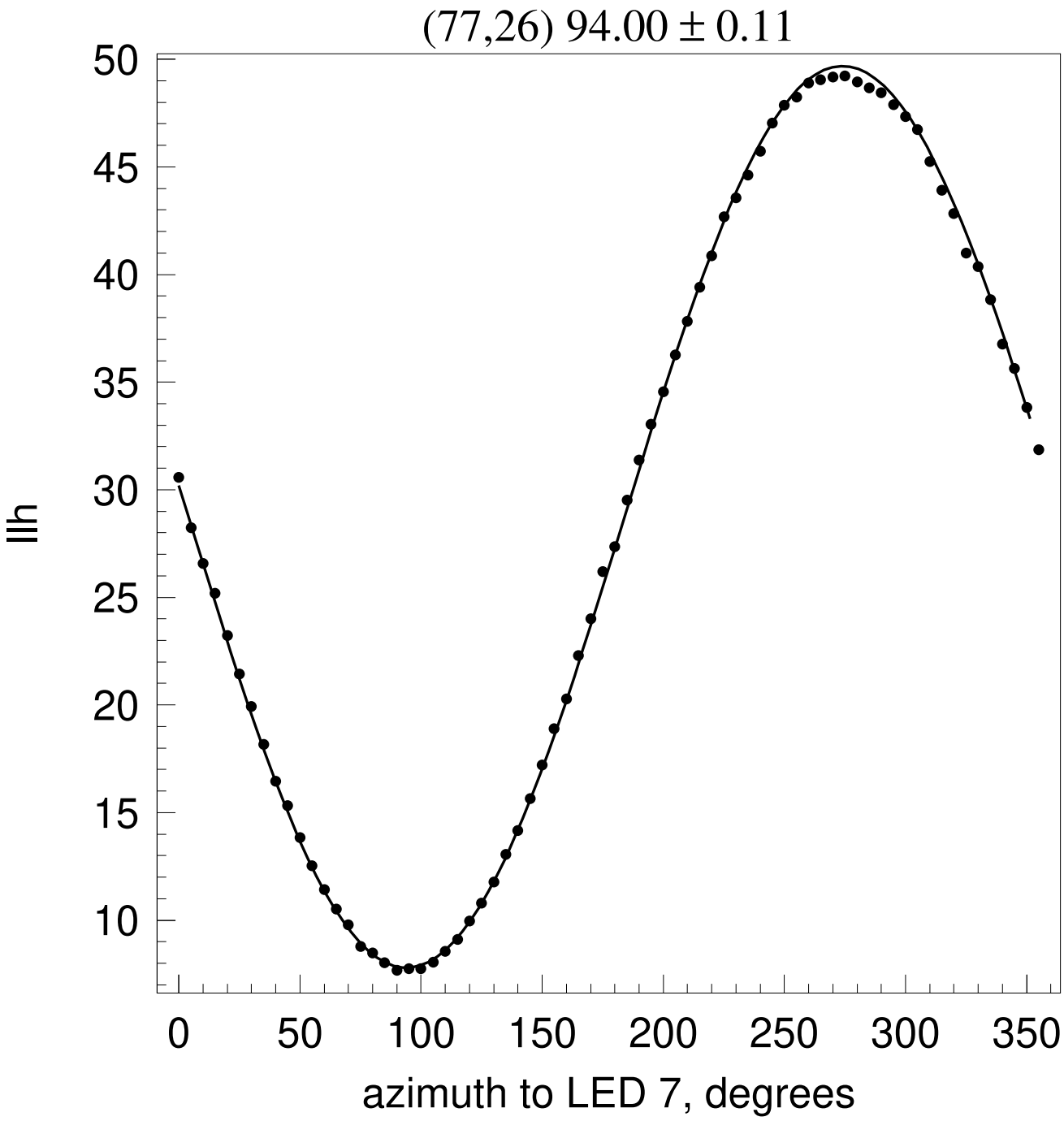

(77,21) 275.15 ± 0.32
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

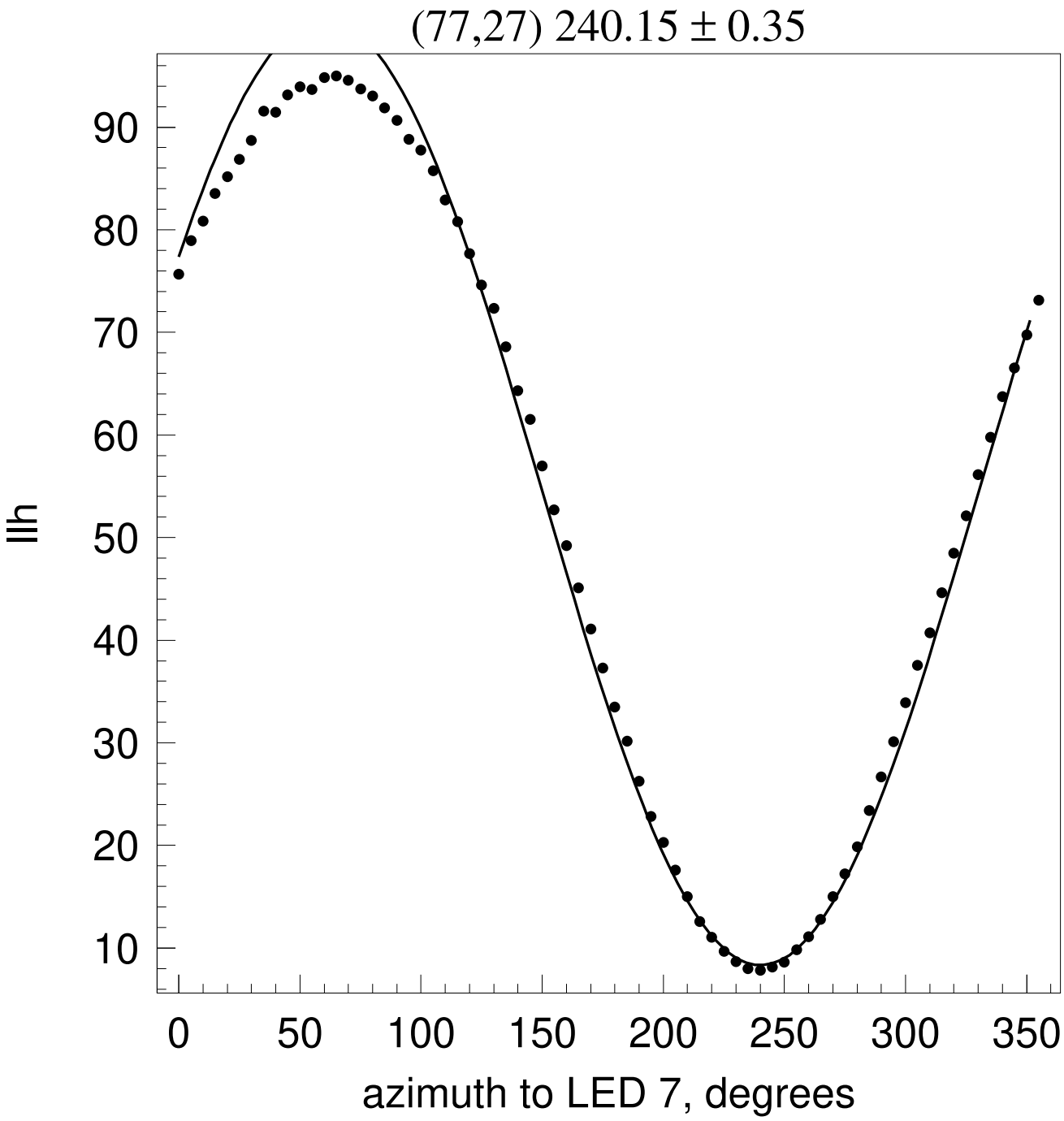

(77,22) 273.63 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

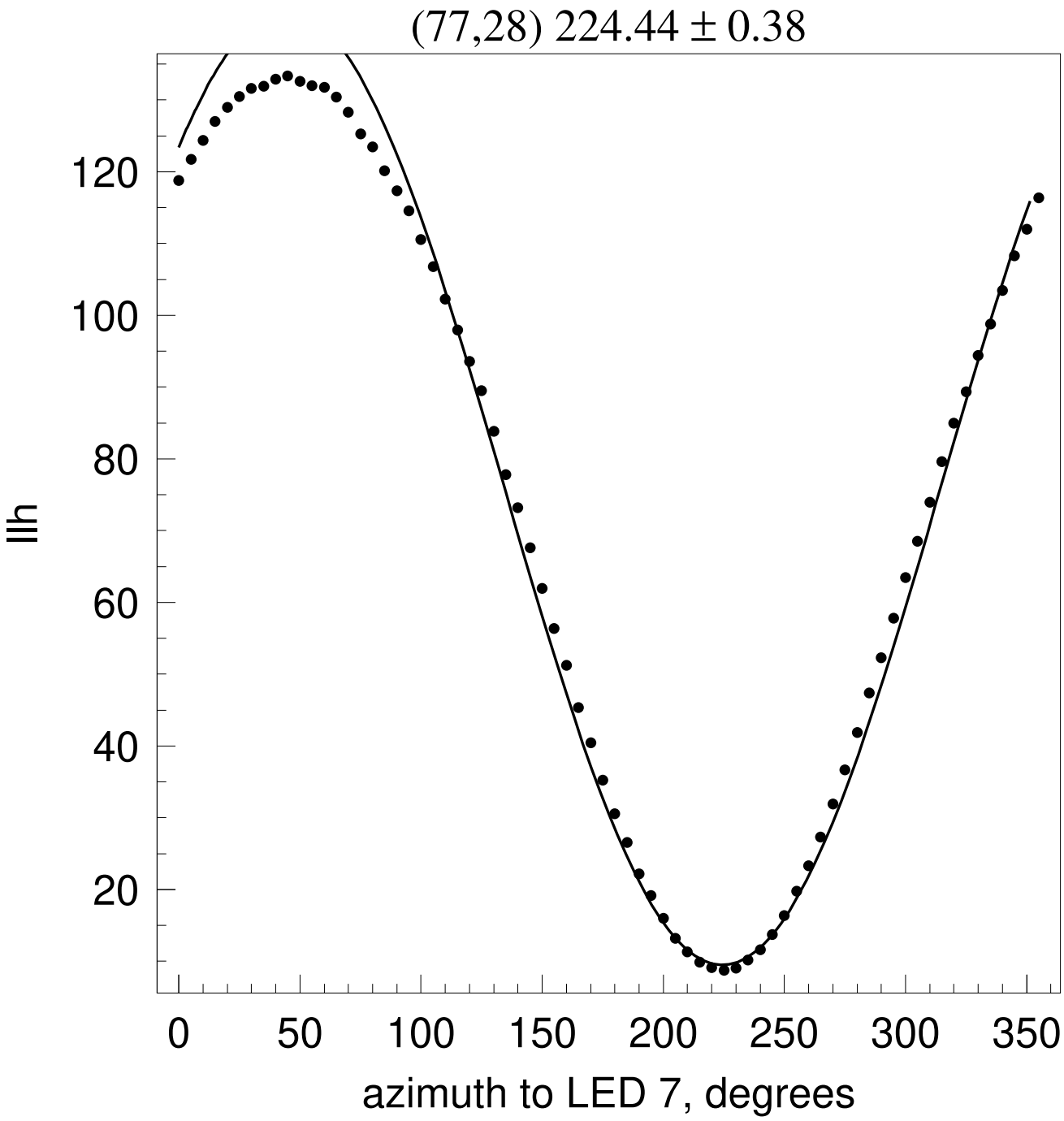

(77,23) 179.52 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

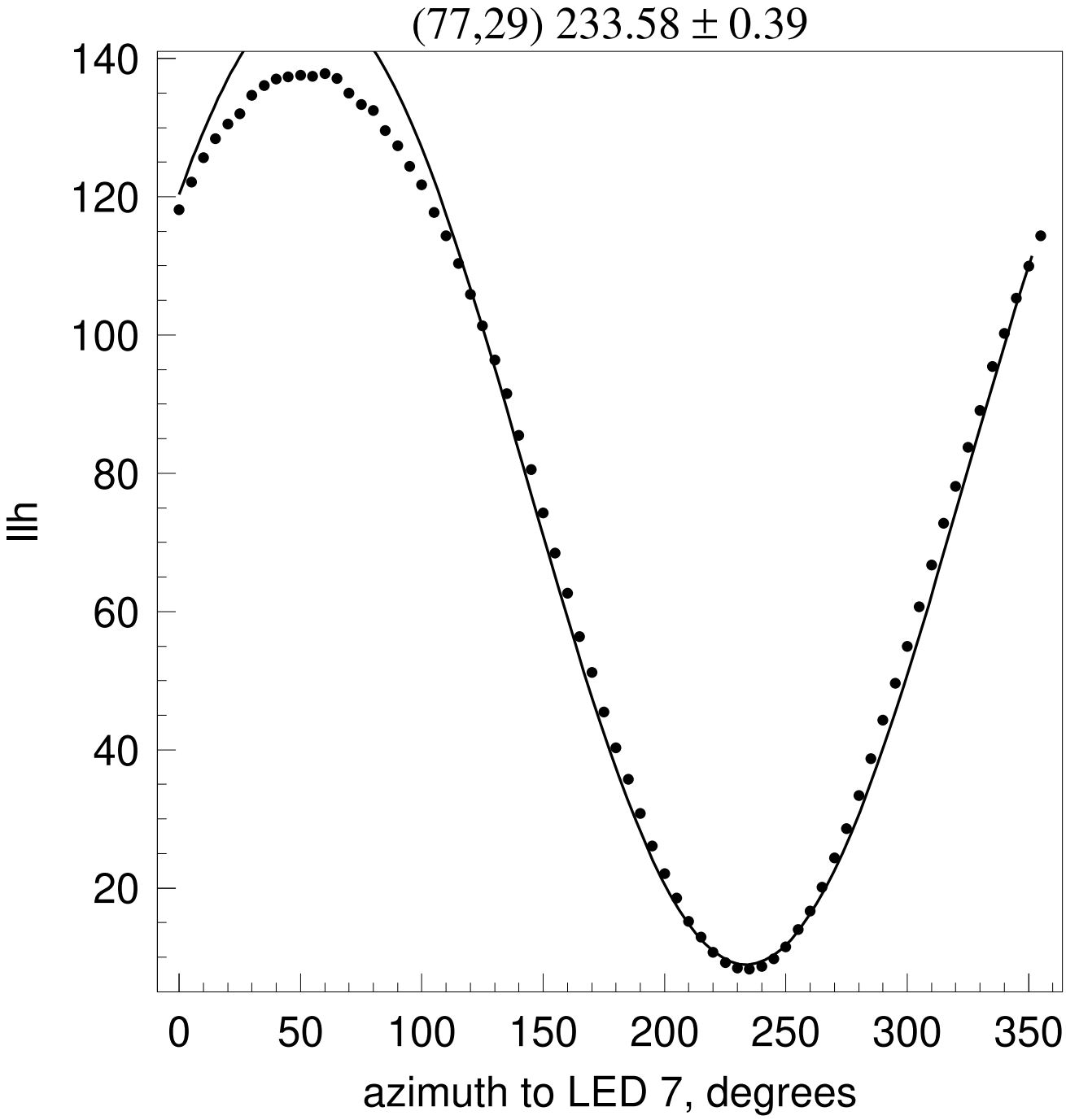

(77,24) 207.64 ± 0.18
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

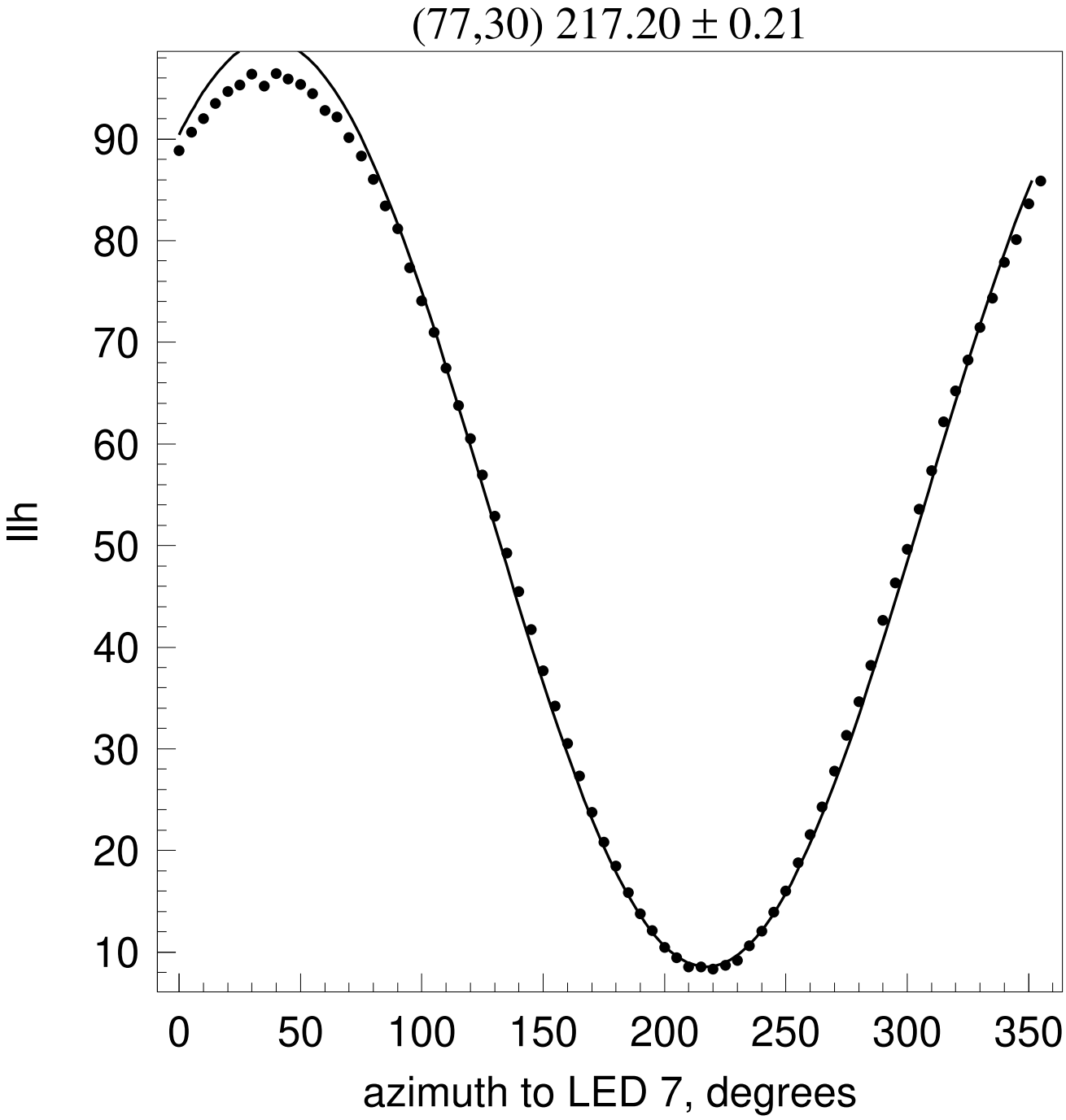

(77,25) 9.36 ± 0.13
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

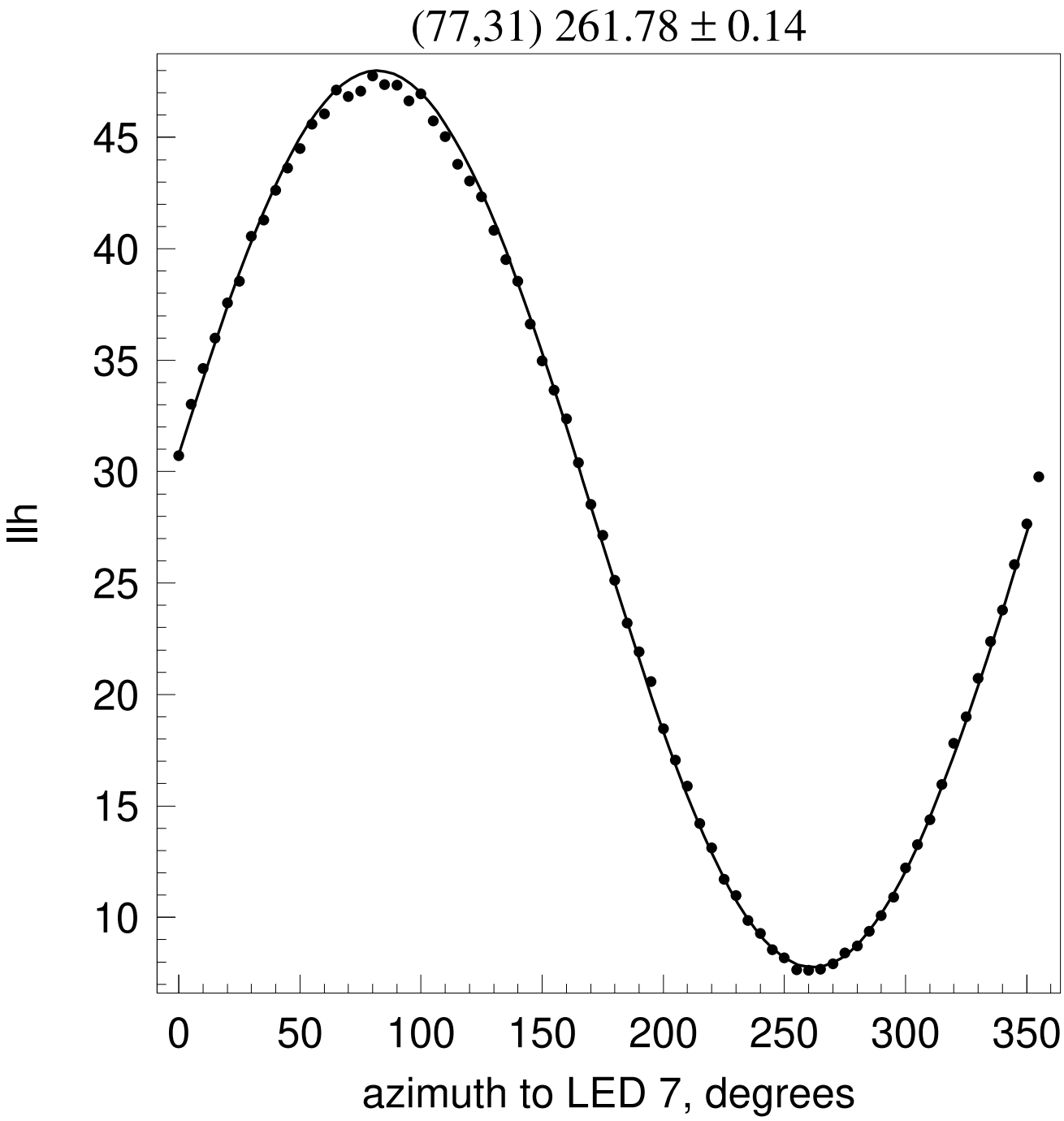

(77,26) 94.00 ± 0.11
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

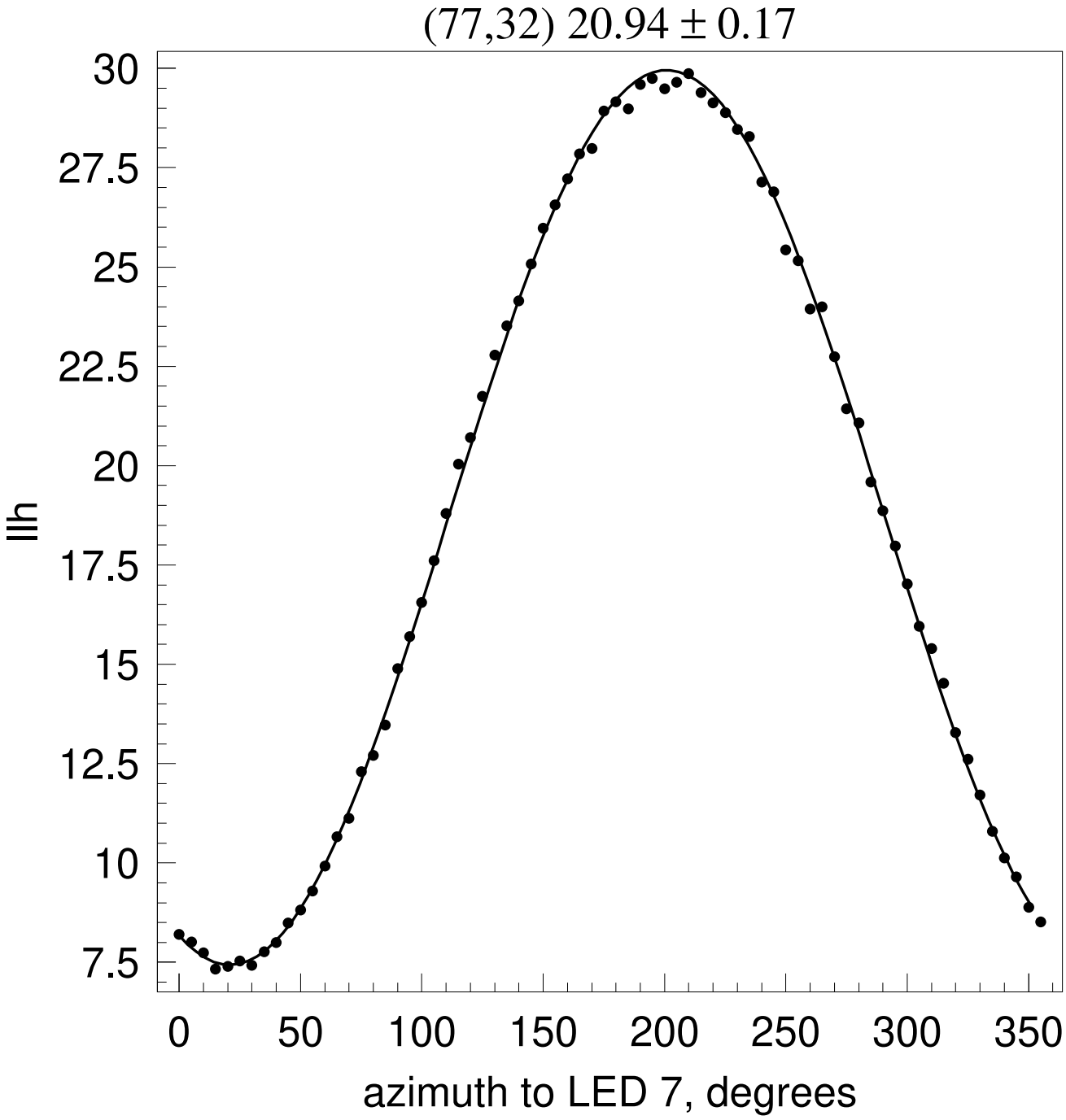

(77,27) 240.15 ± 0.35
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

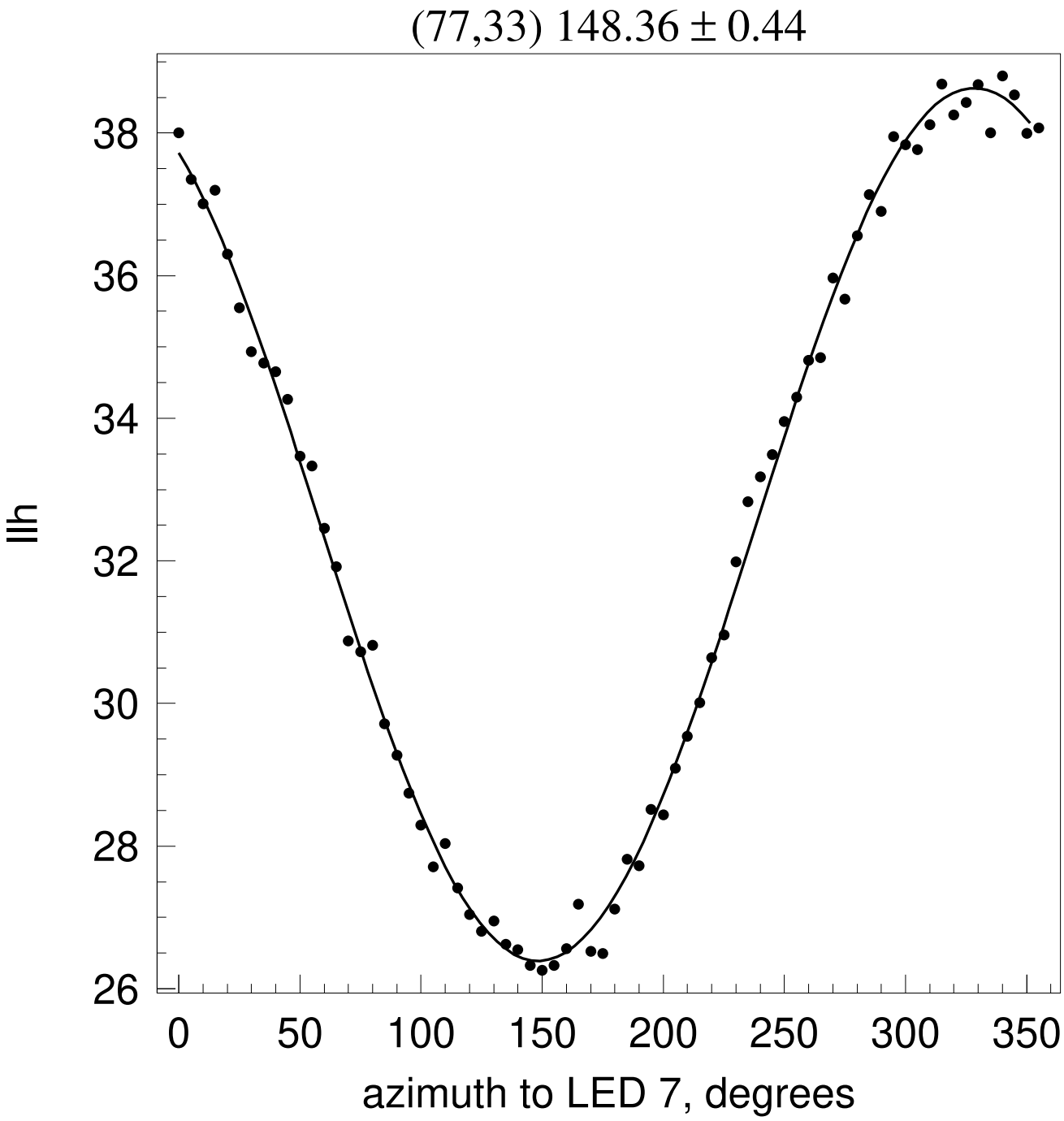

(77,28) 224.44 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

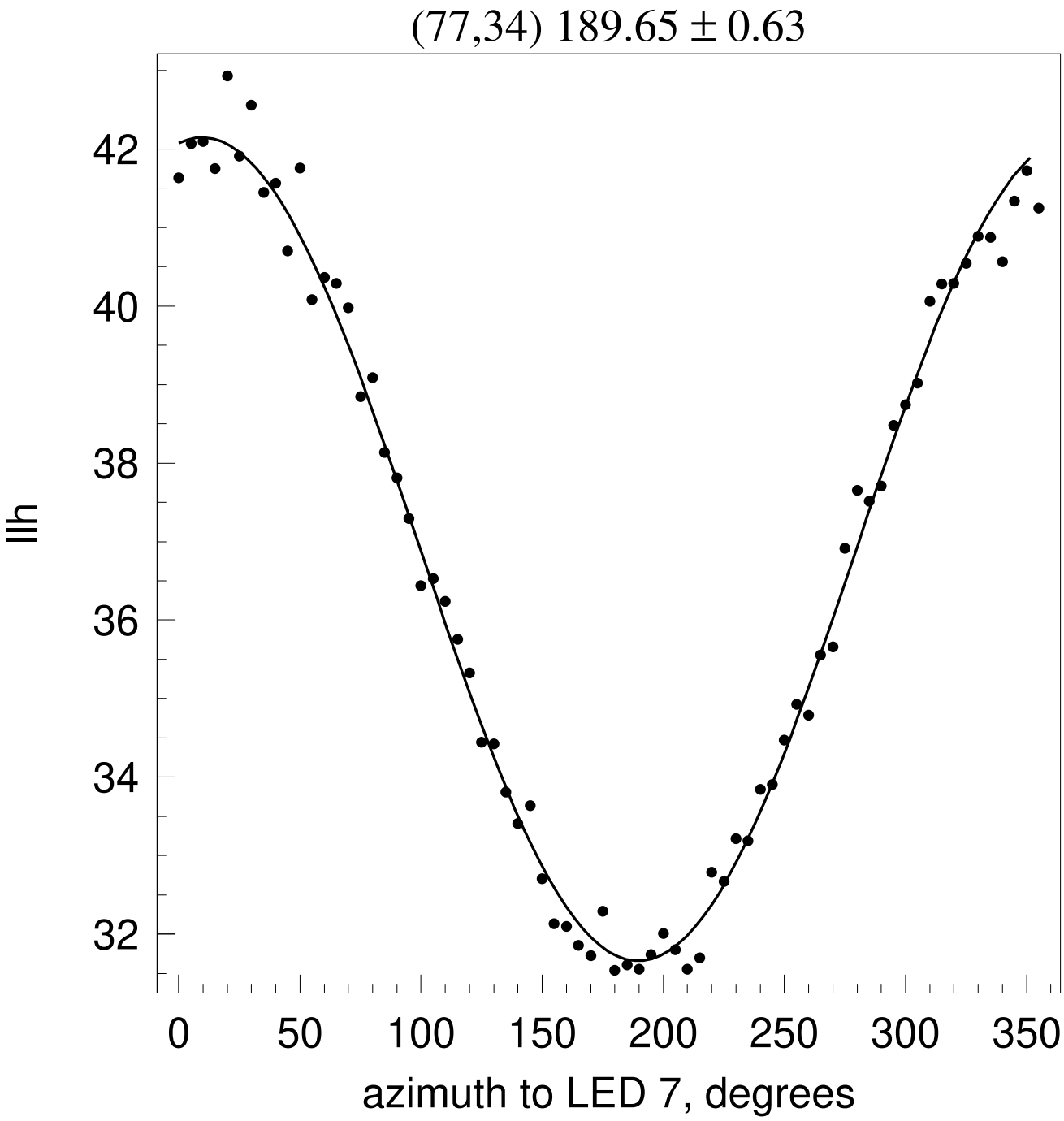

(77,29) 233.58 ± 0.39
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

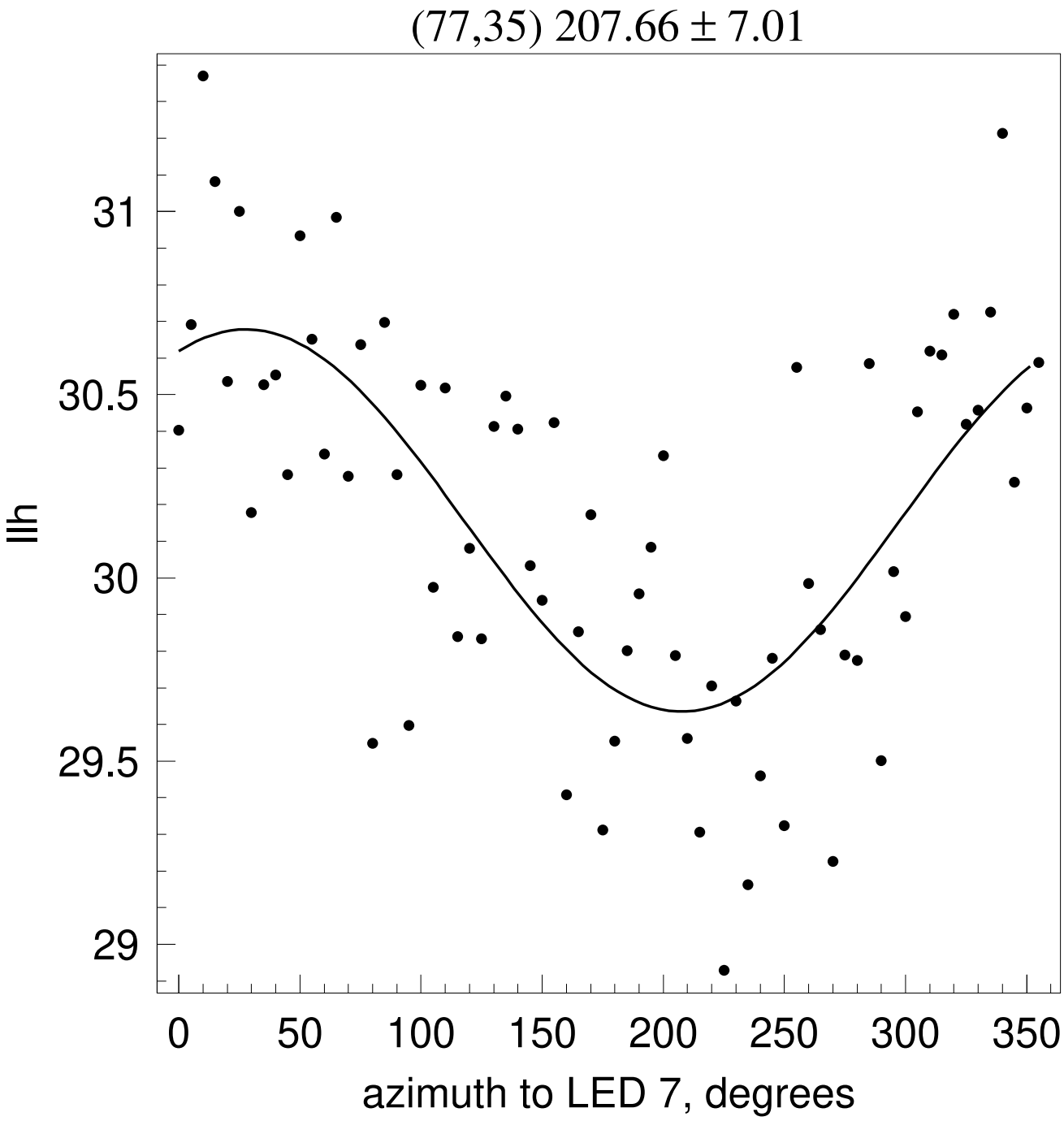

(77,30) 217.20 ± 0.21
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

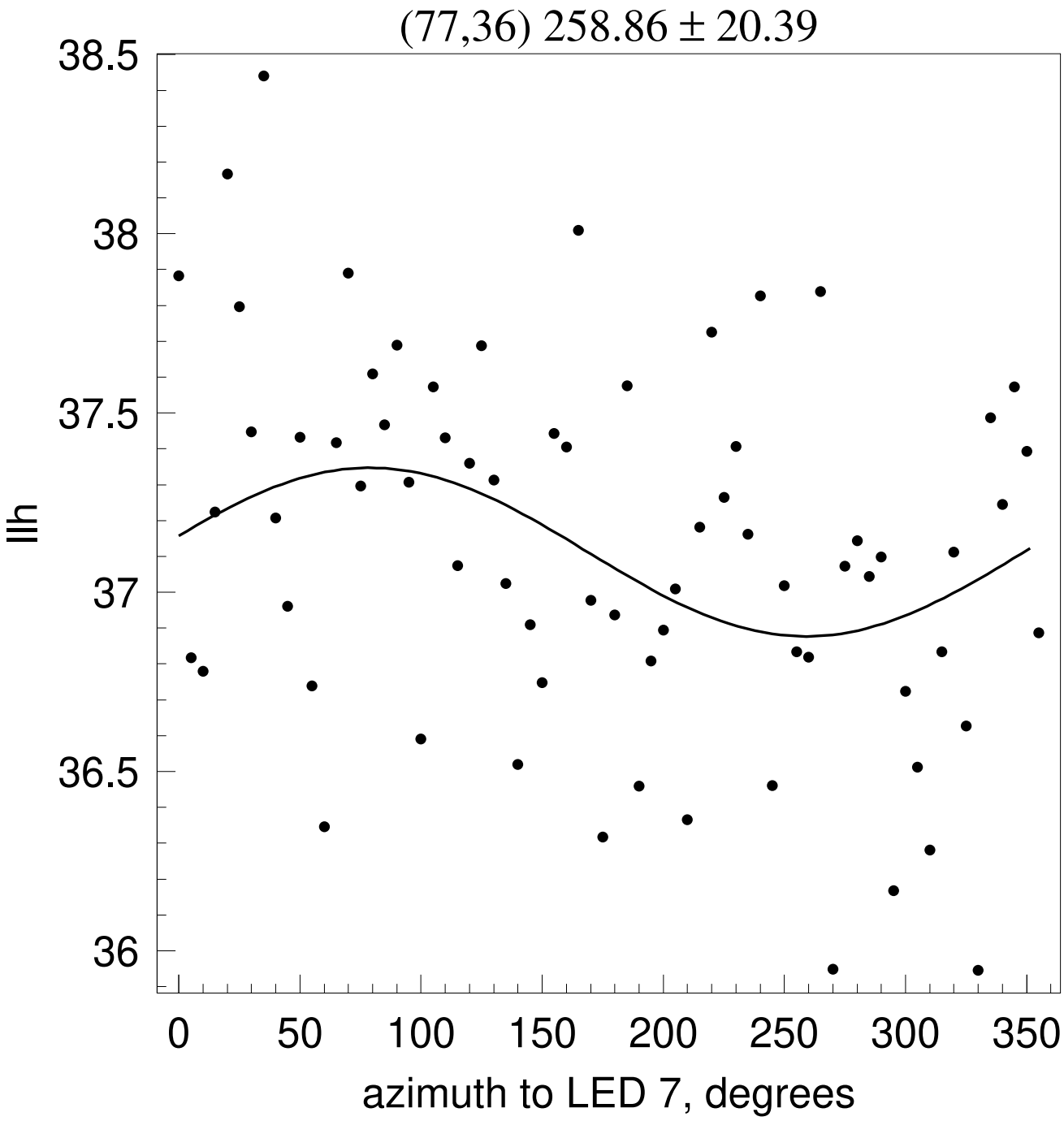

(77,31) 261.78 ± 0.14
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

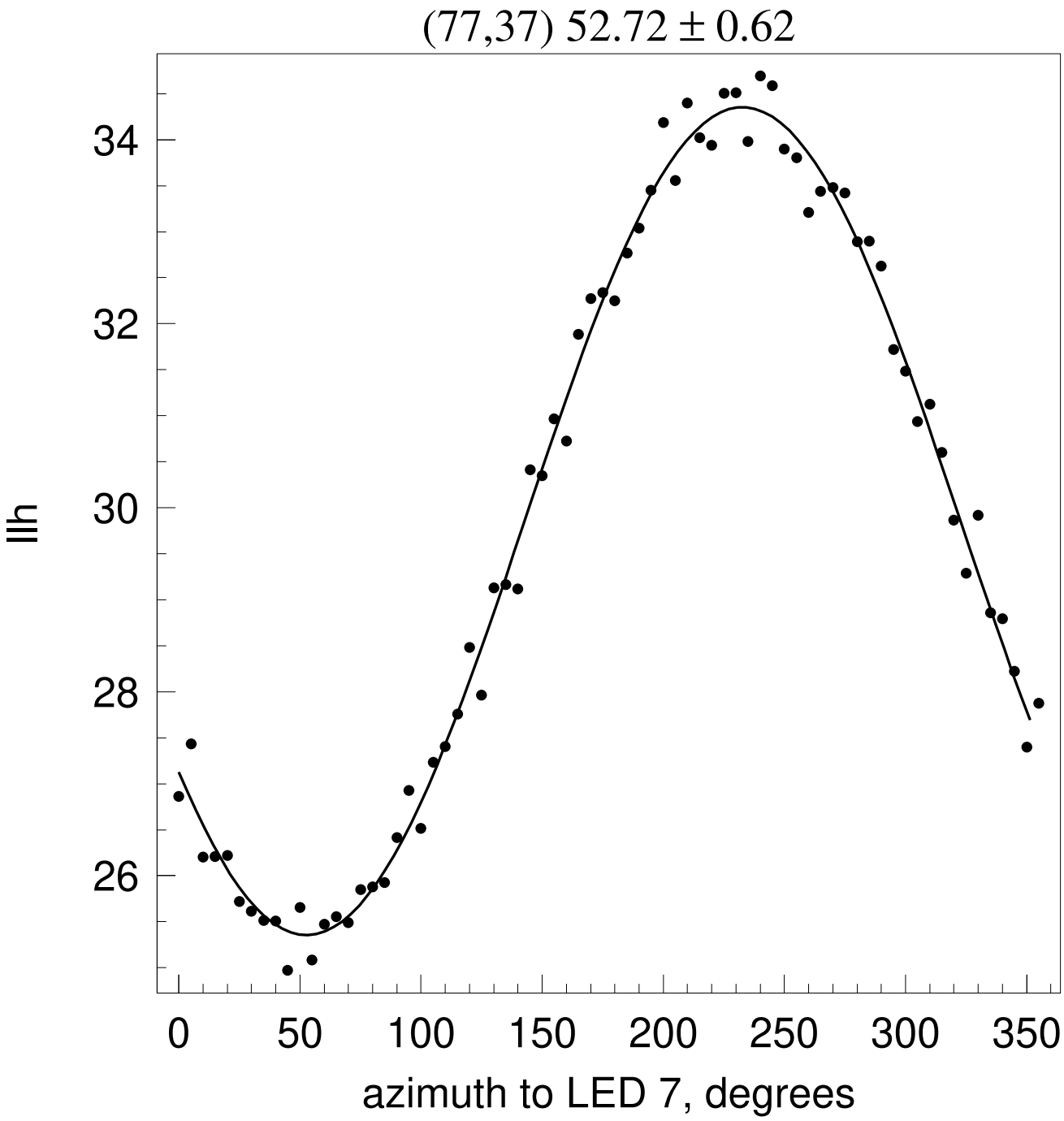

(77,32) 20.94 ± 0.17
30
27.5
25
22.5
20
17.5
15
12.5
10
7.5
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

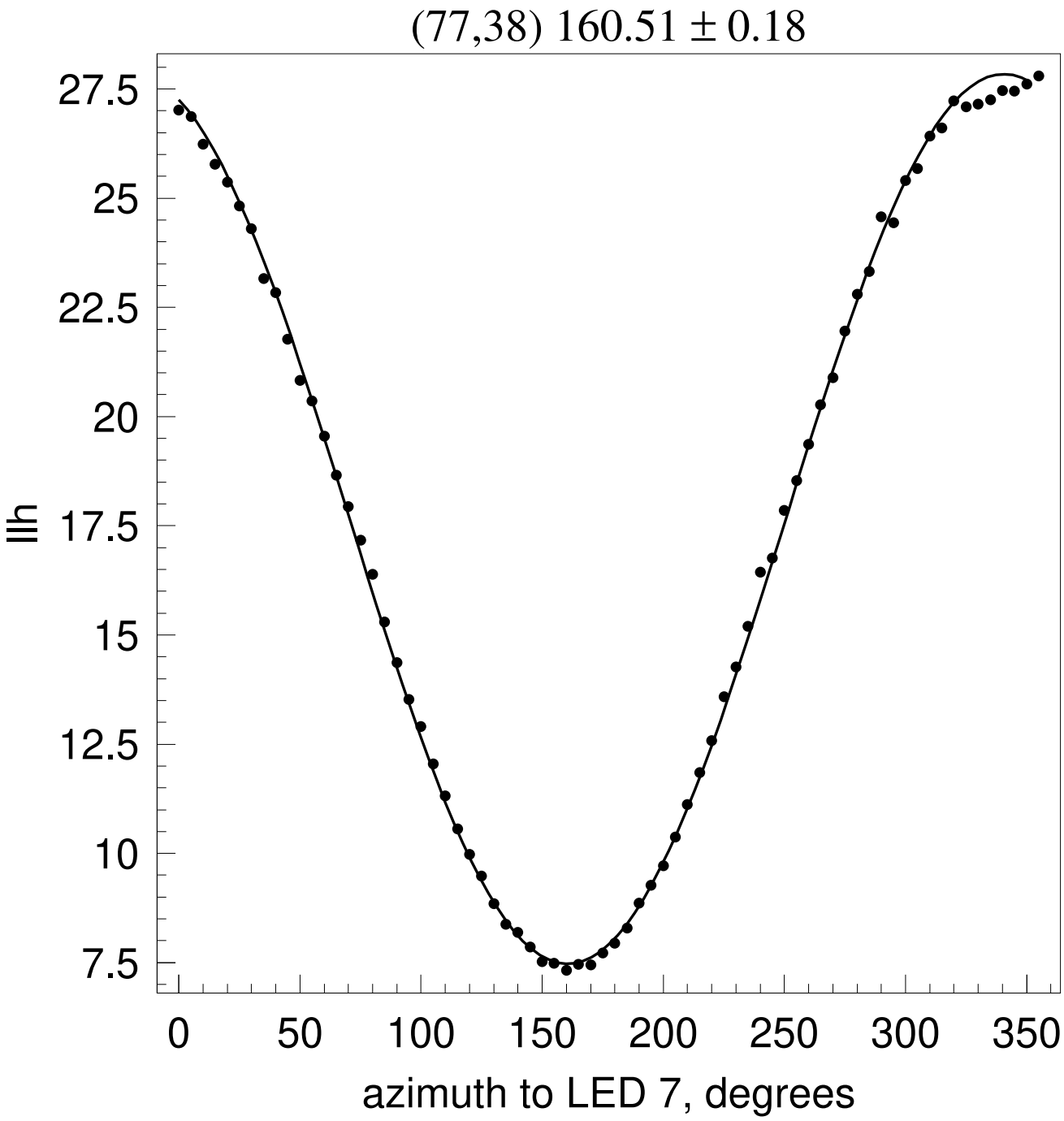

(77,33) 148.36 ± 0.44
38
36
34
32
30
28
26
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

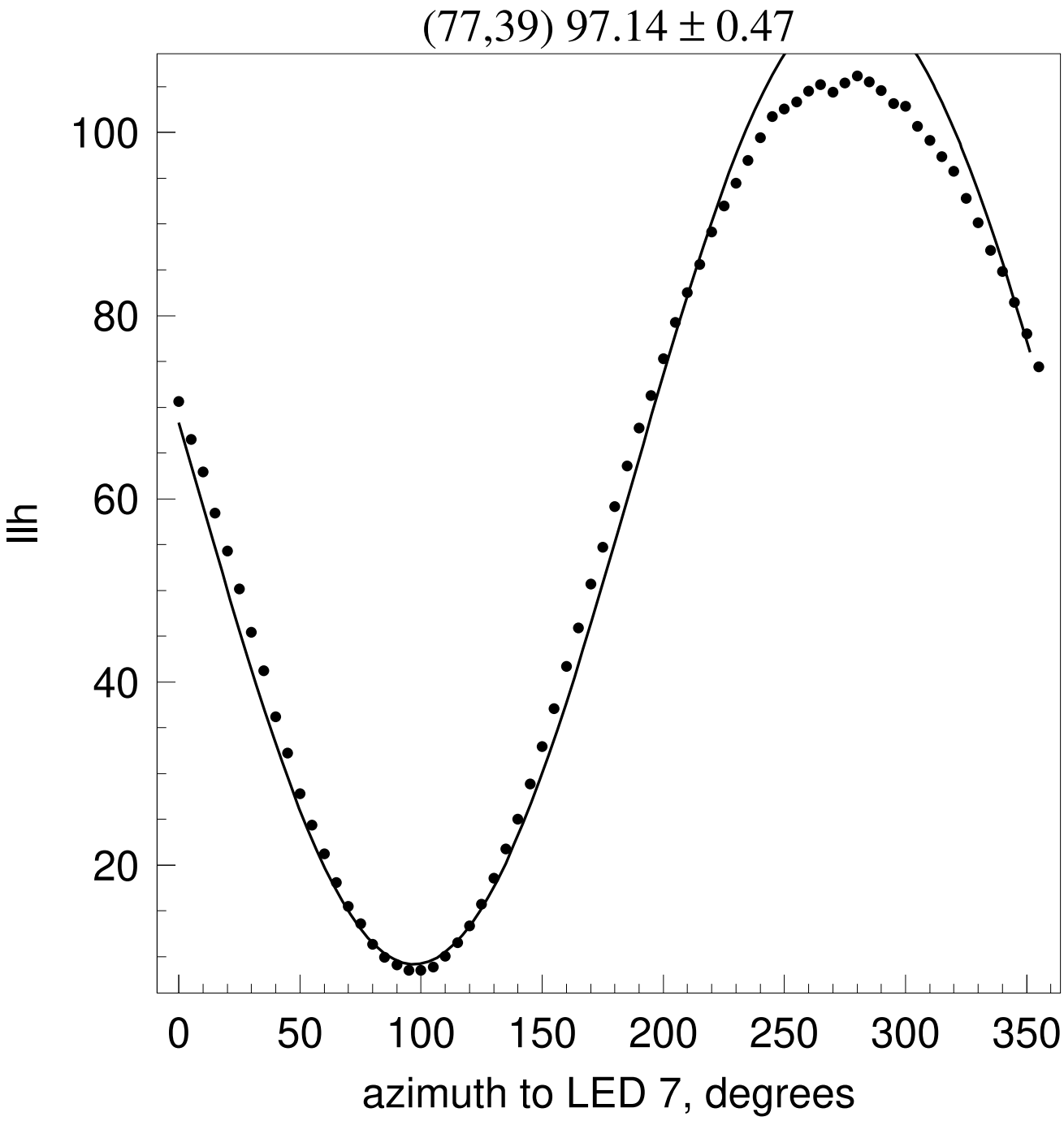

(77,34) 189.65 ± 0.63
42
40
38
36
34
32
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

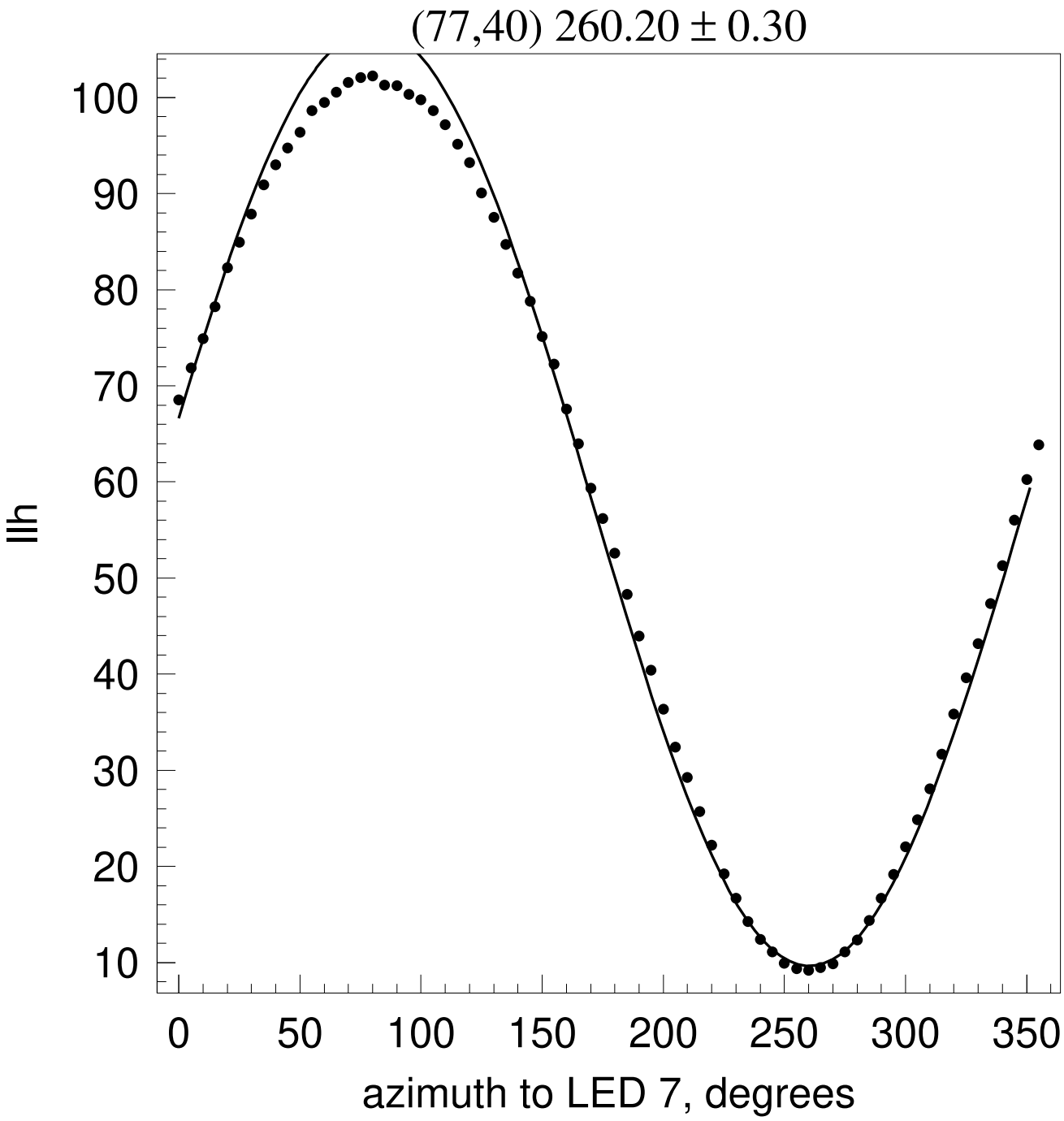

(77,35) 207.66 ± 7.01
31
30.5
30
29.5
29
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

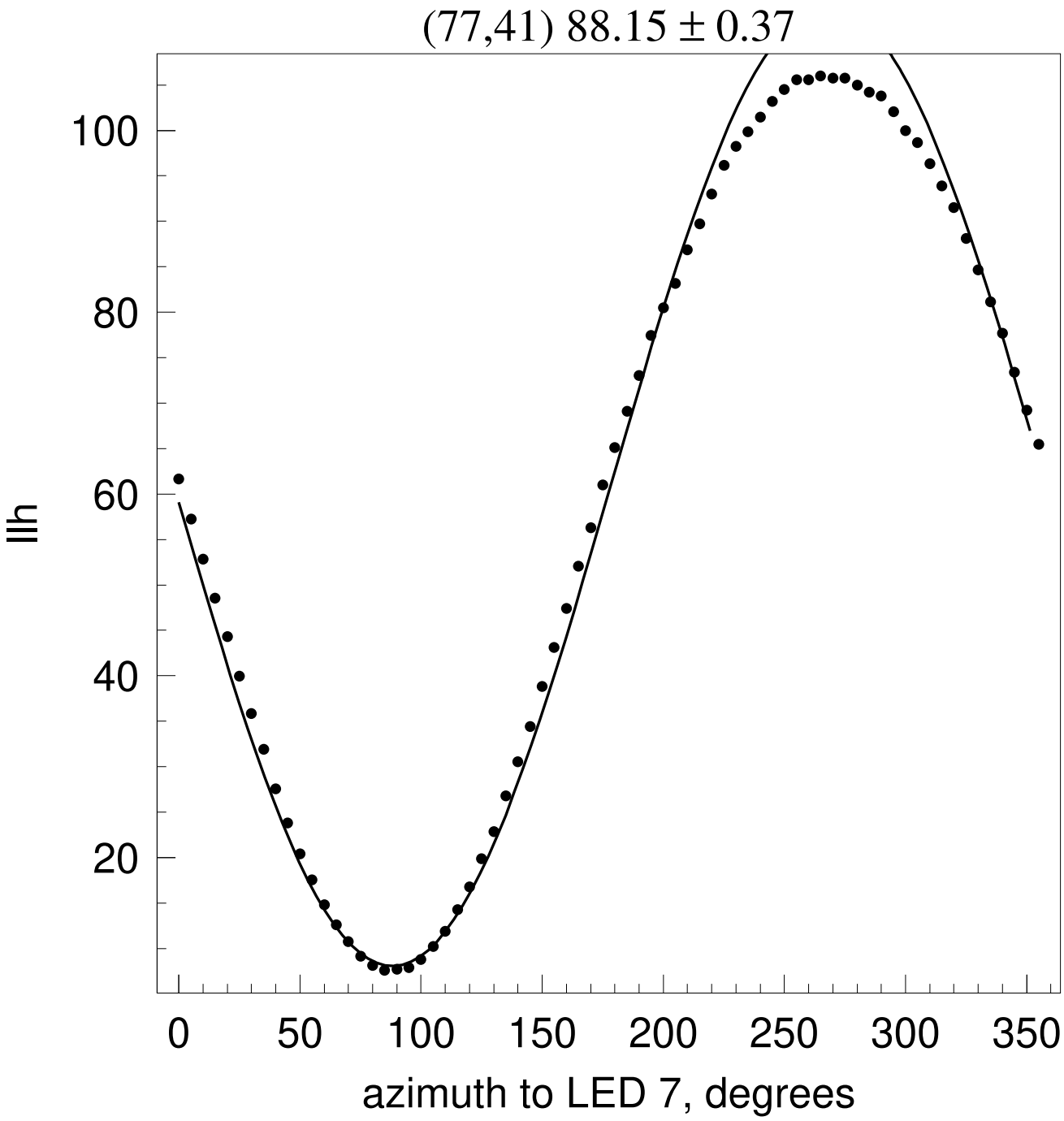

(77,36) 258.86 ± 20.39
38.5
38
37.5
37
36.5
36
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

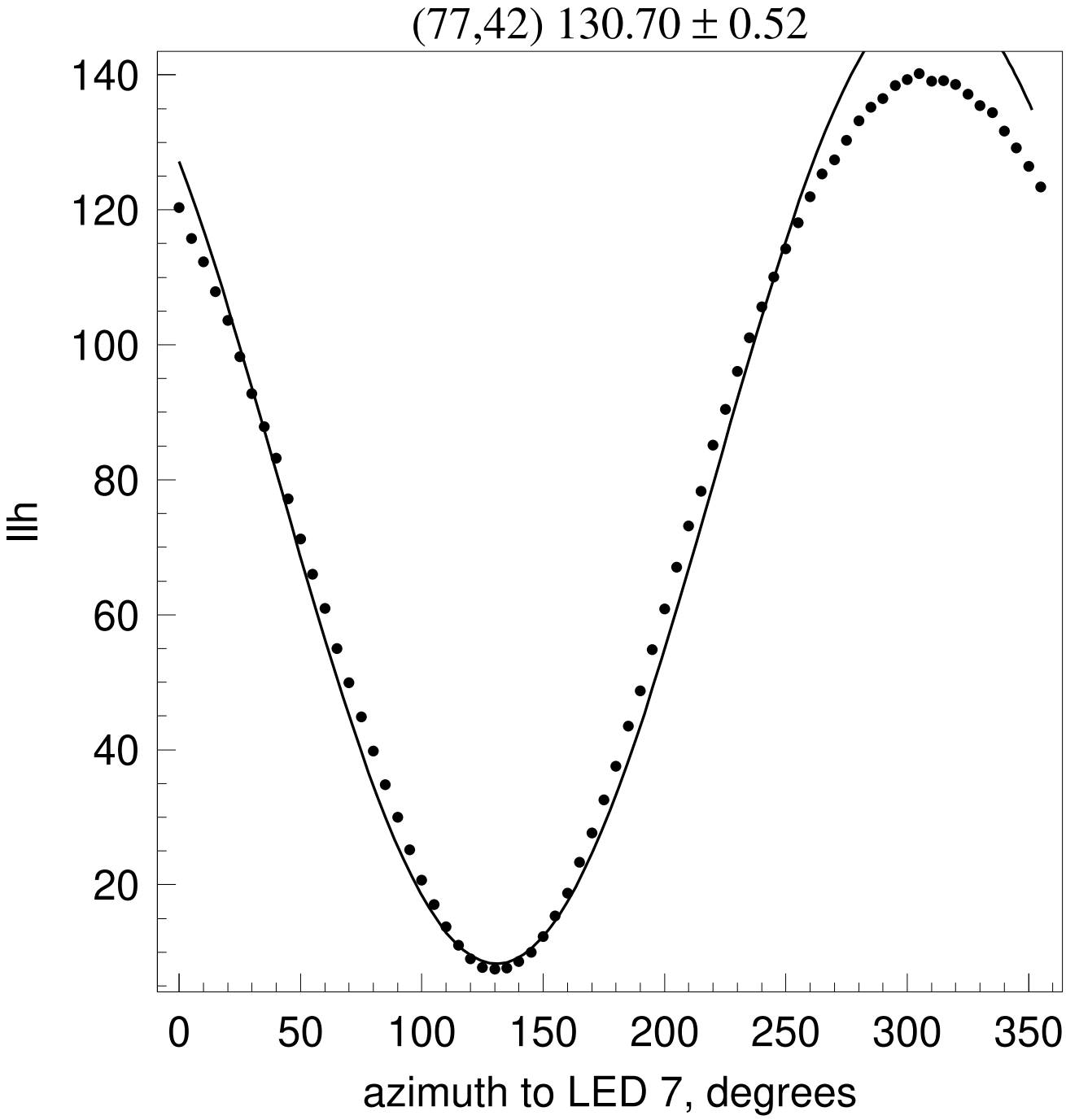

(77,37) 52.72 ± 0.62
34
32
30
28
26
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

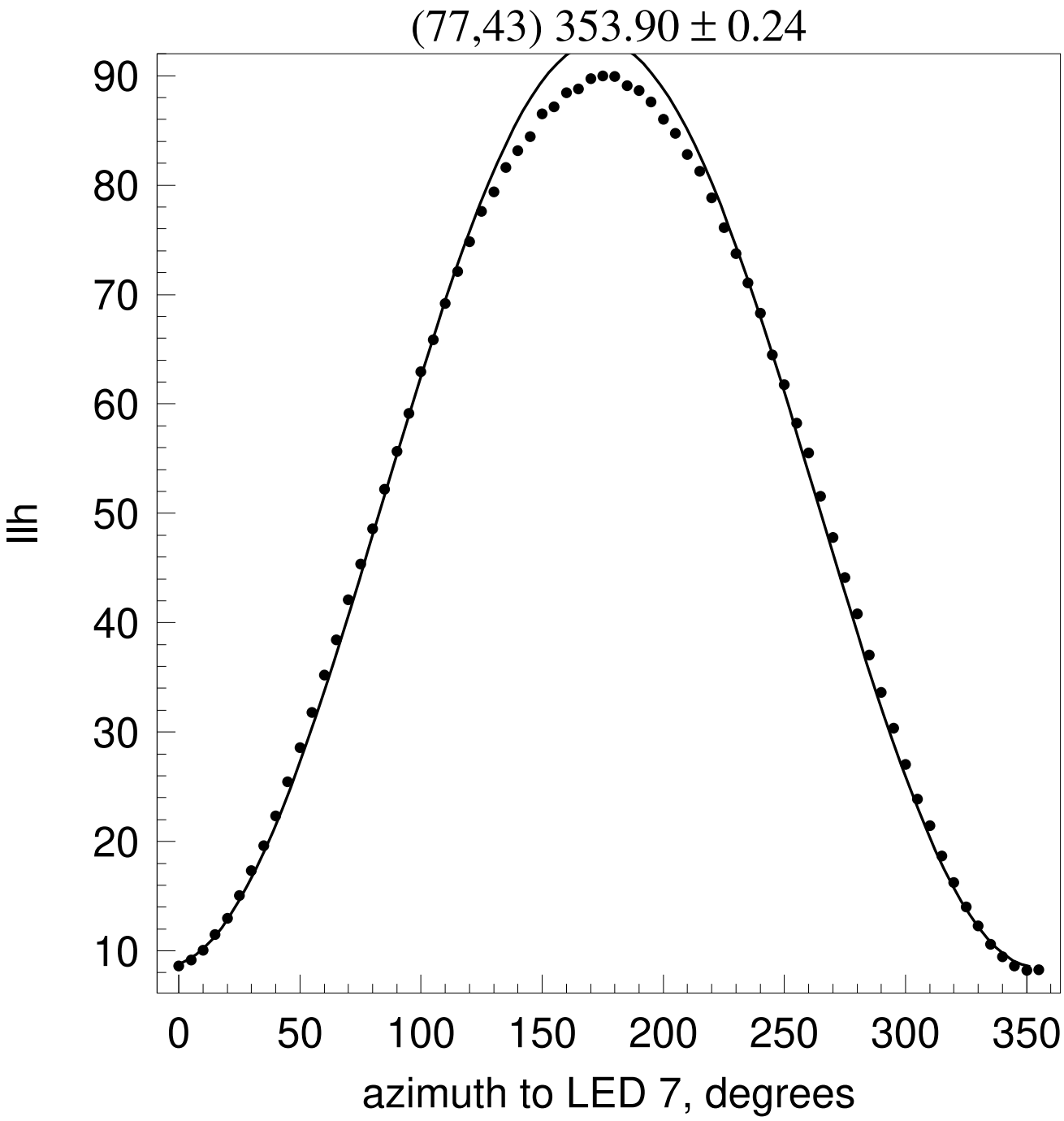

(77,38) 160.51 ± 0.18
27.5
25
22.5
20
17.5
15
12.5
10
7.5
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

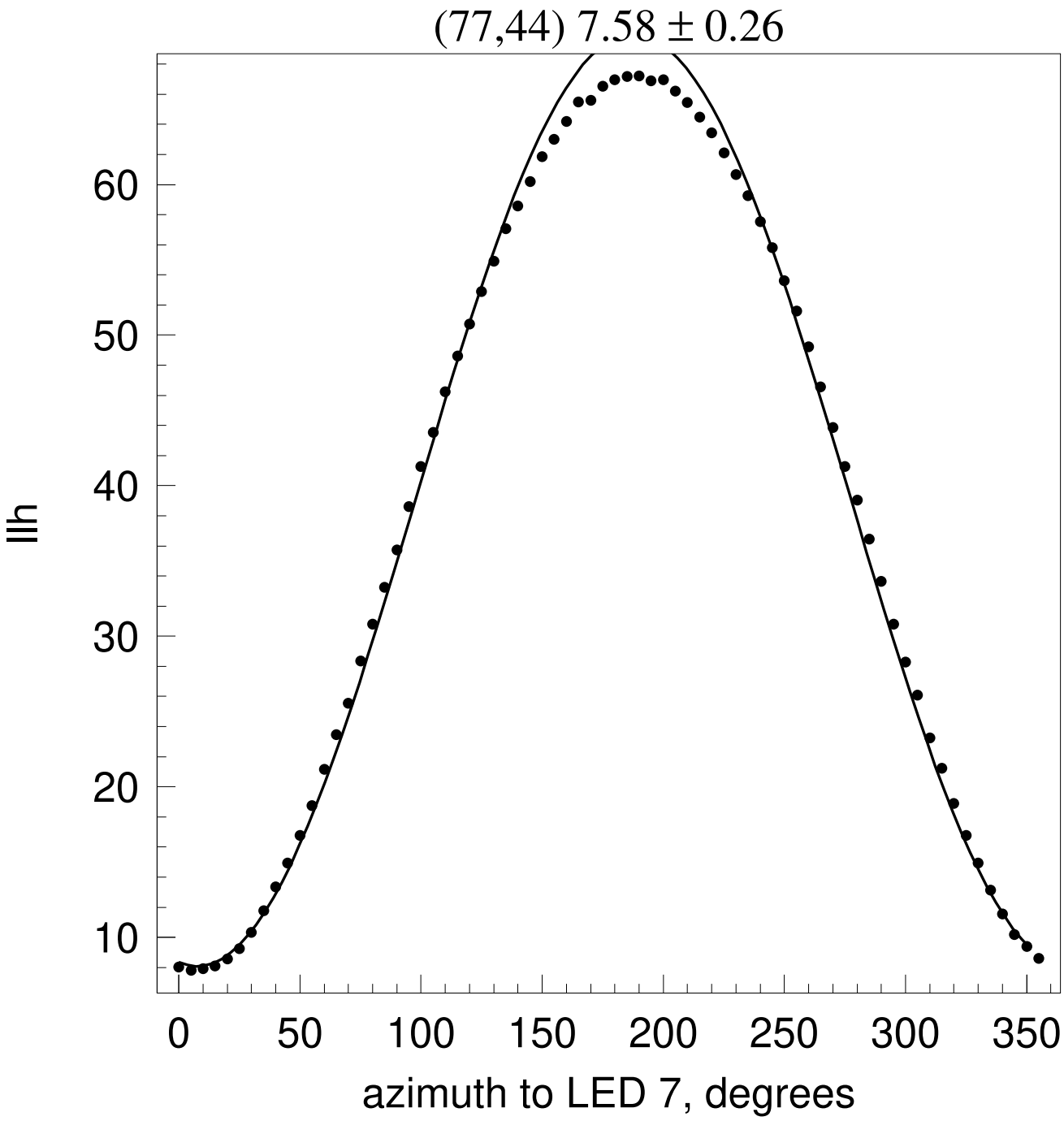

(77,39) 97.14 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

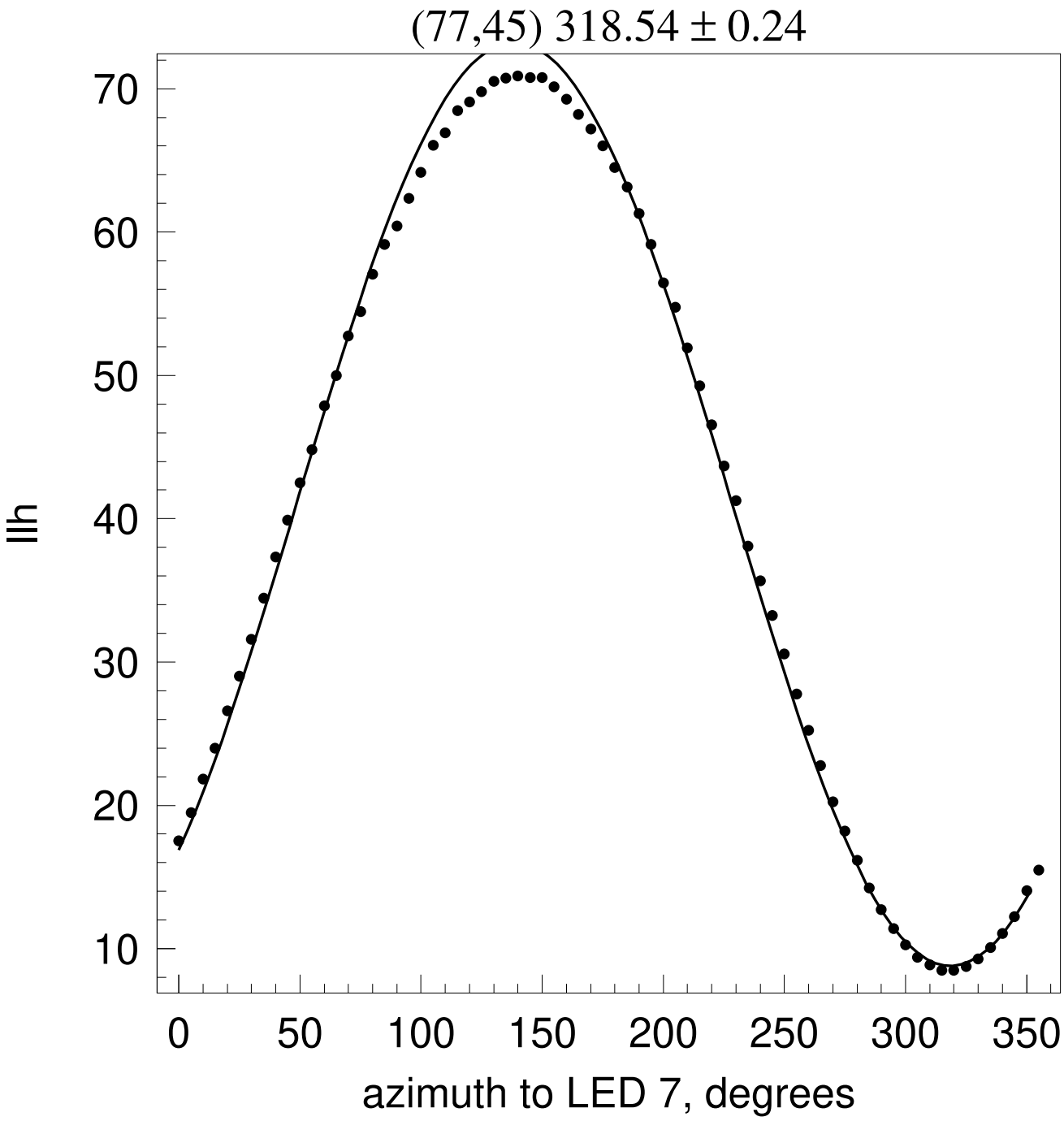

(77,40) 260.20 ± 0.30
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

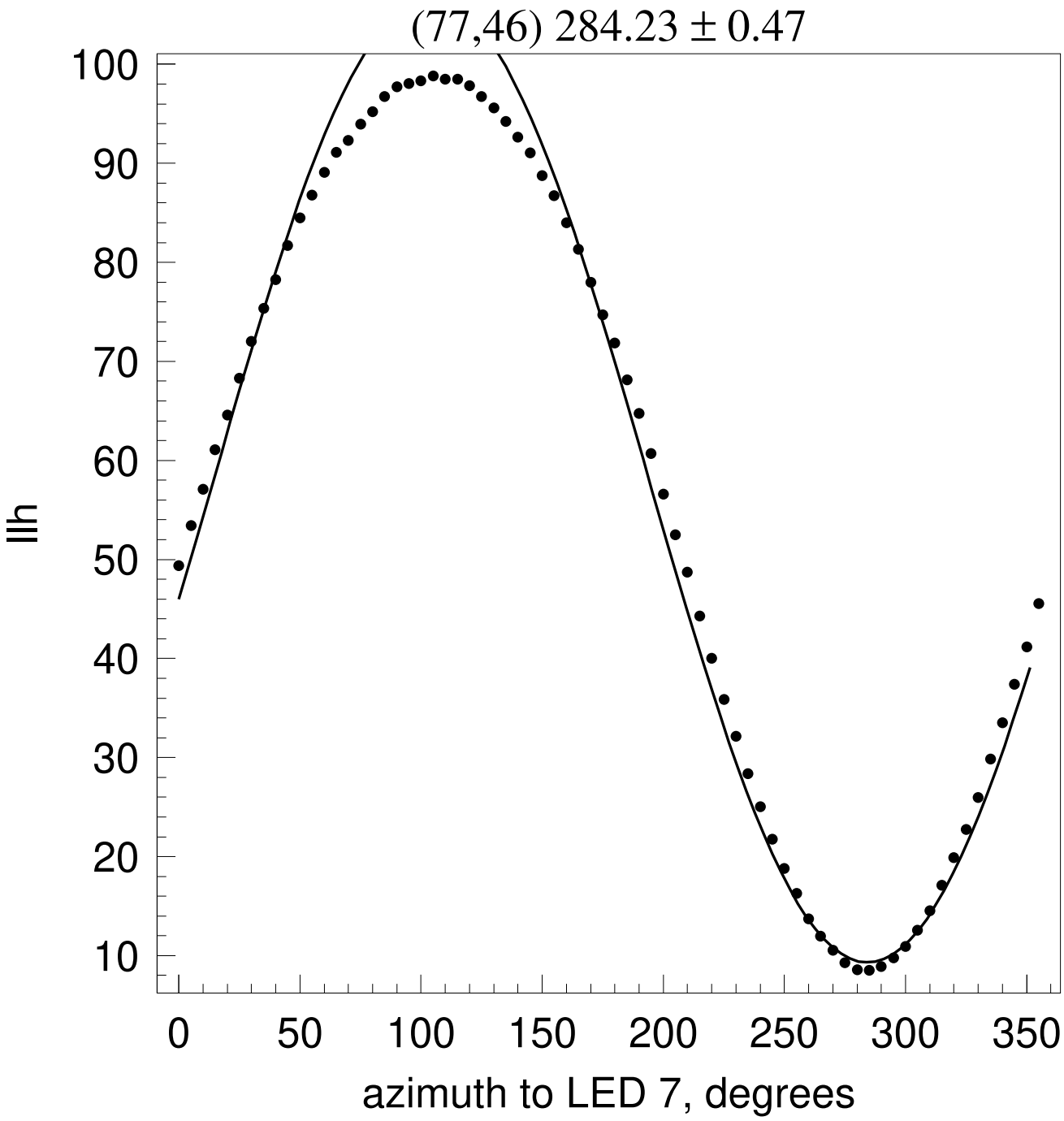

(77,41) 88.15 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

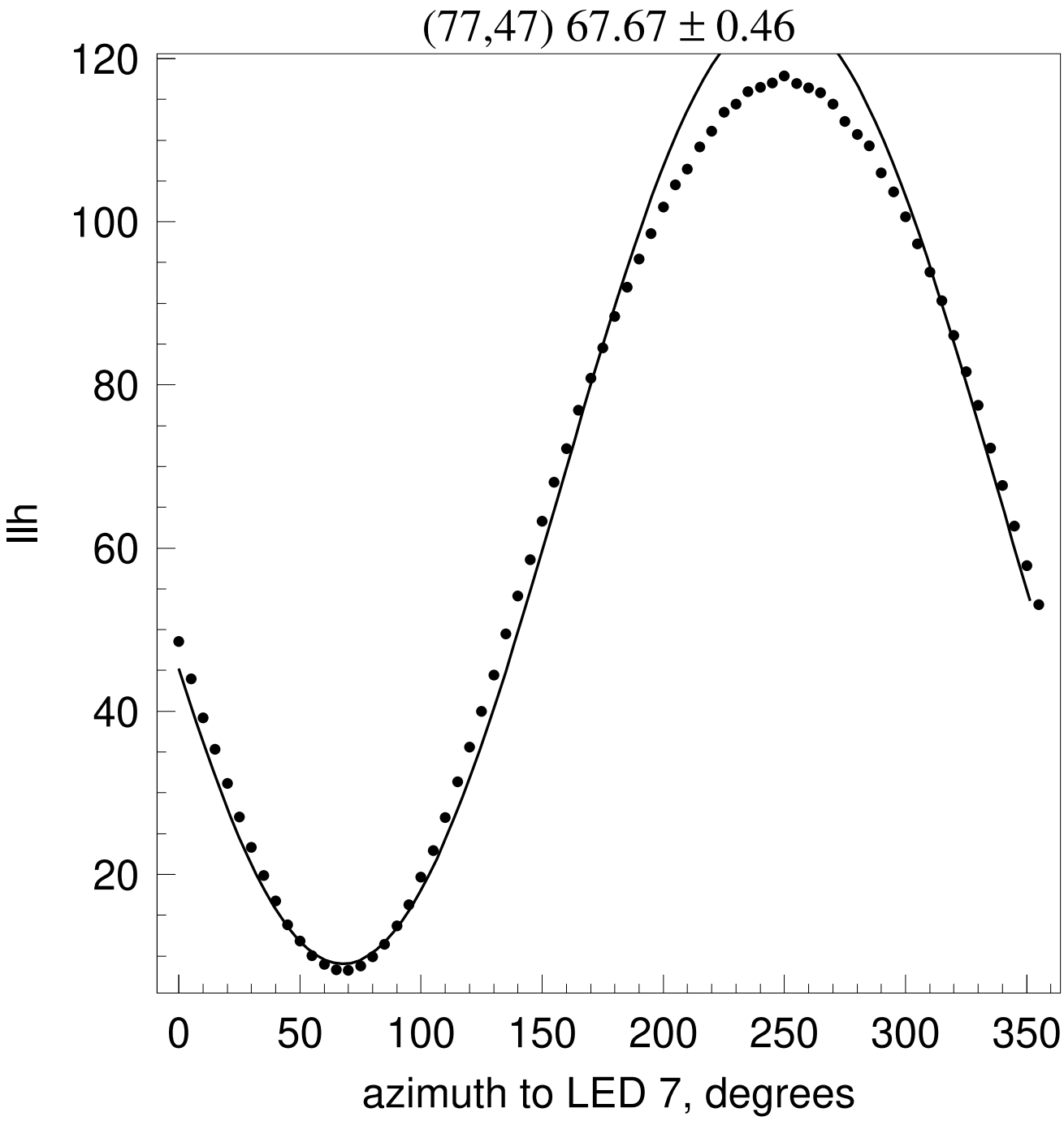

(77,42) 130.70 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

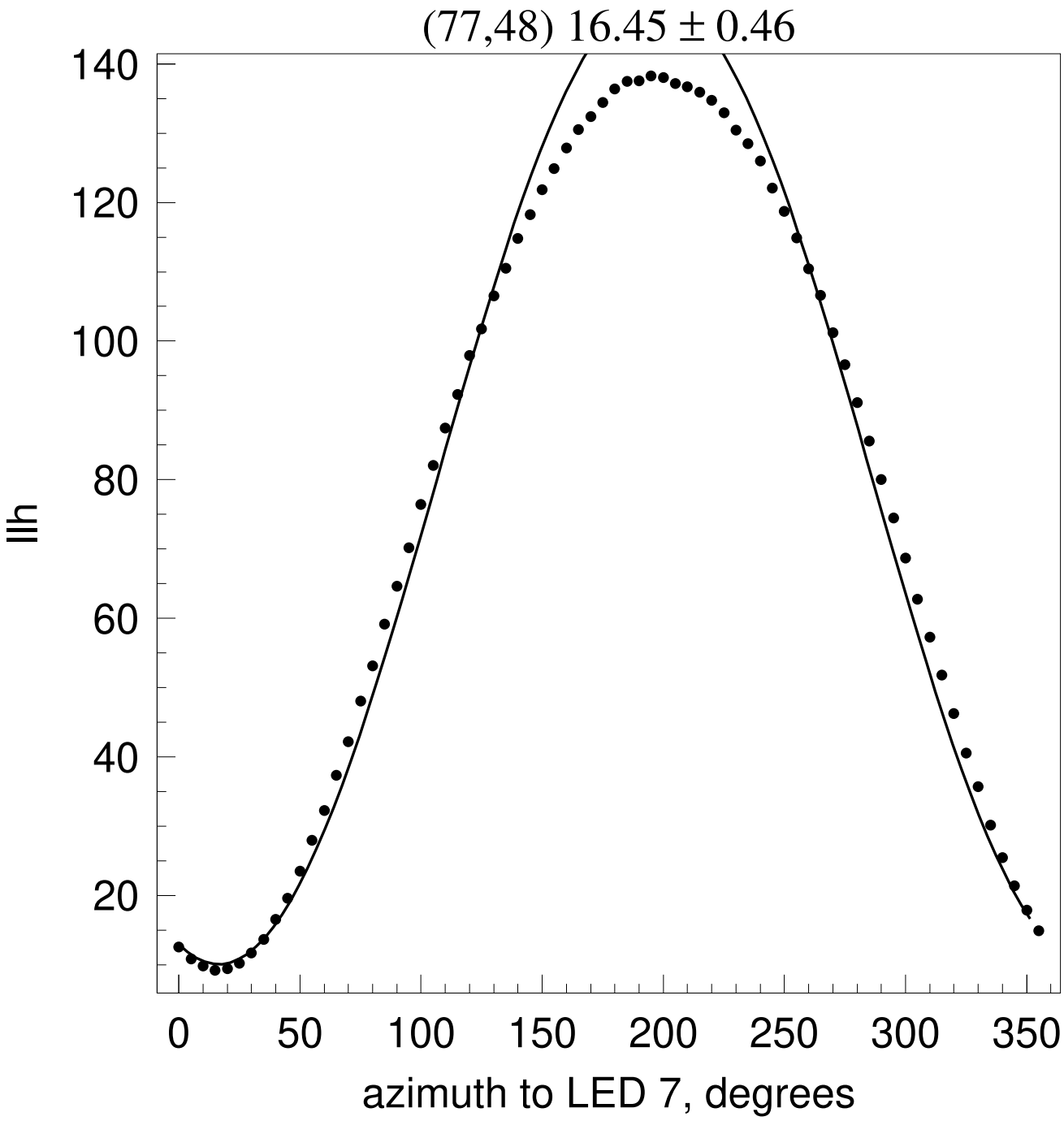

(77,43) 353.90 ± 0.24
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

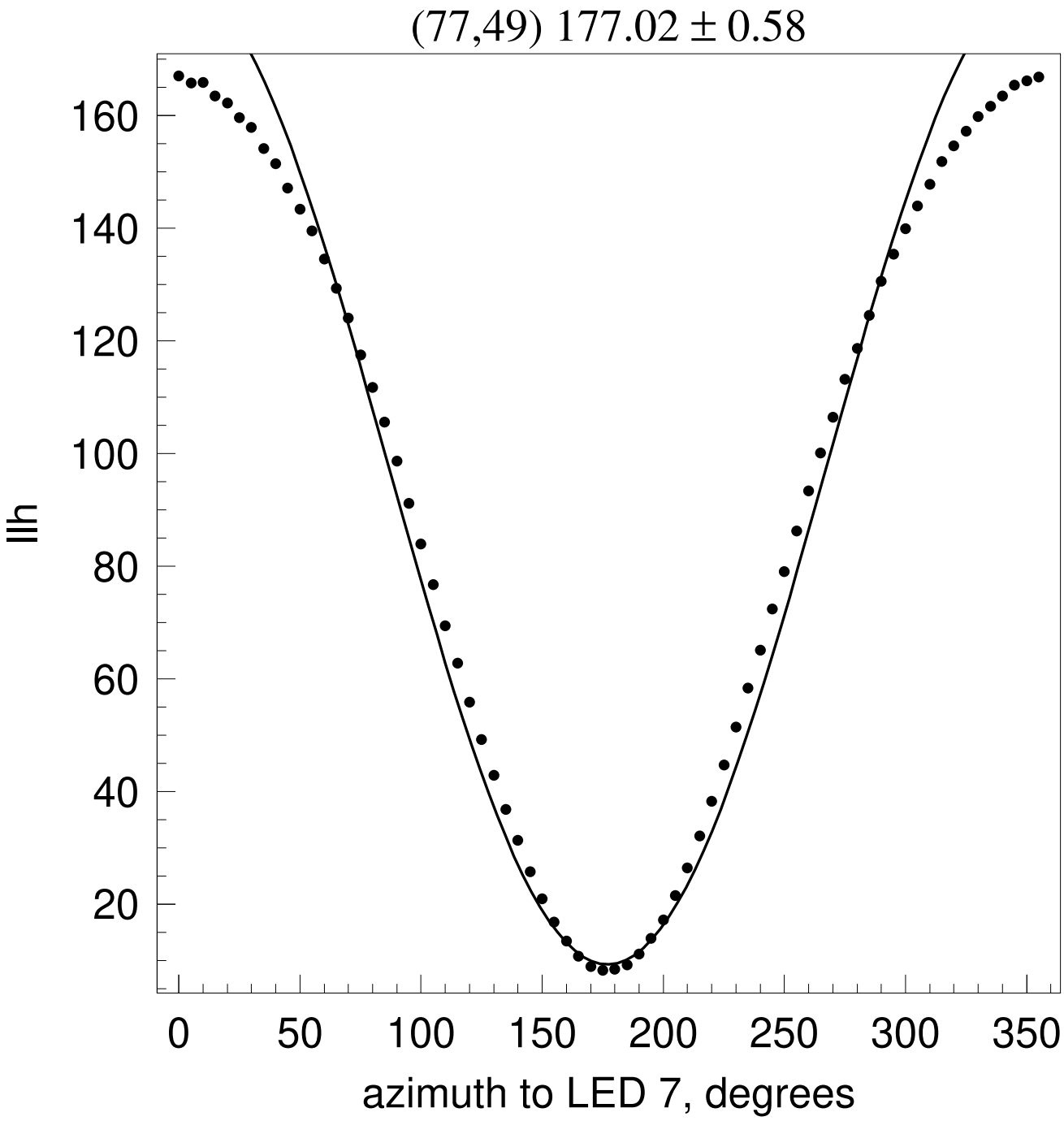

(77,44) 7.58 ± 0.26
llh
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

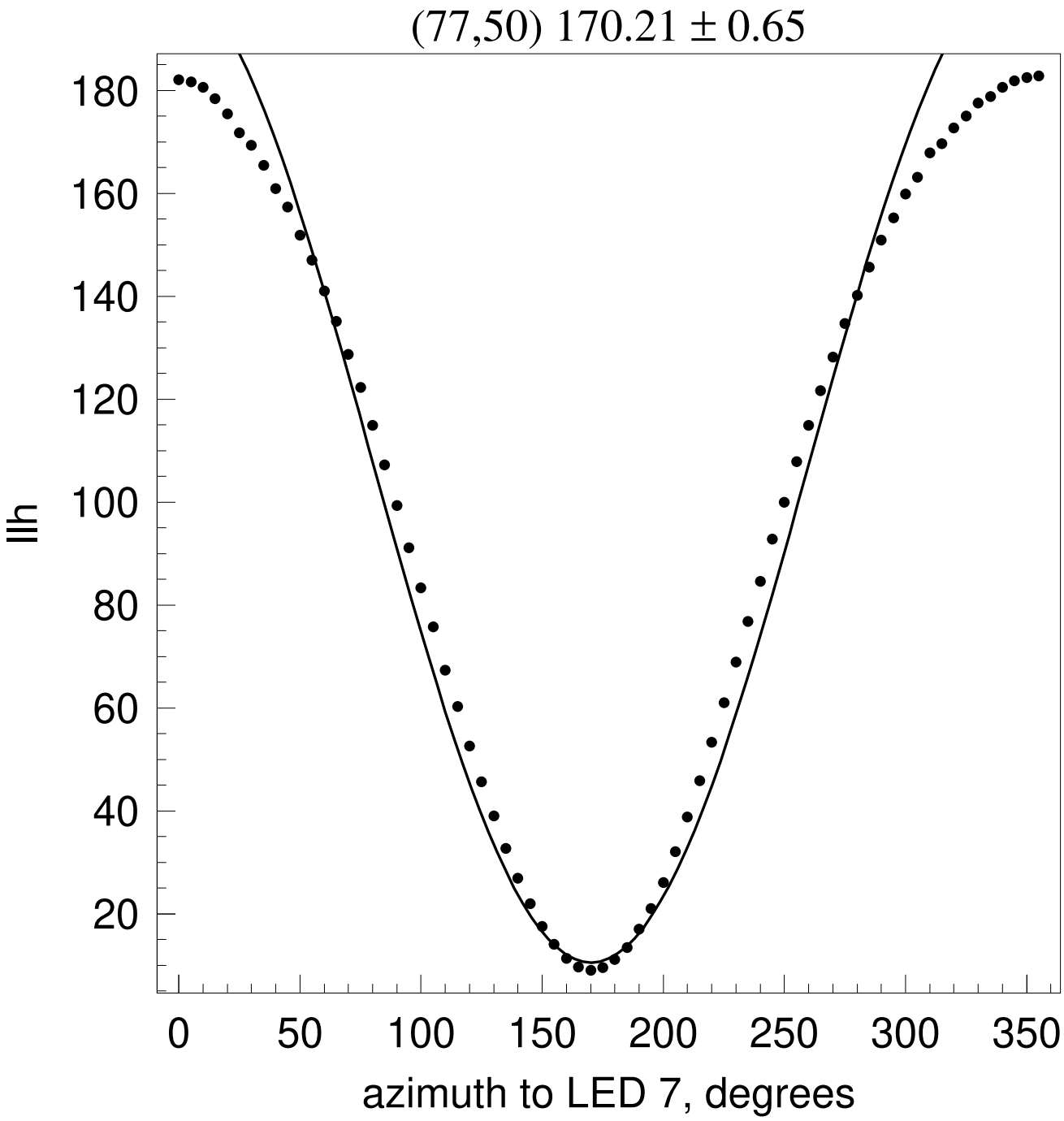

(77,45) 318.54 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

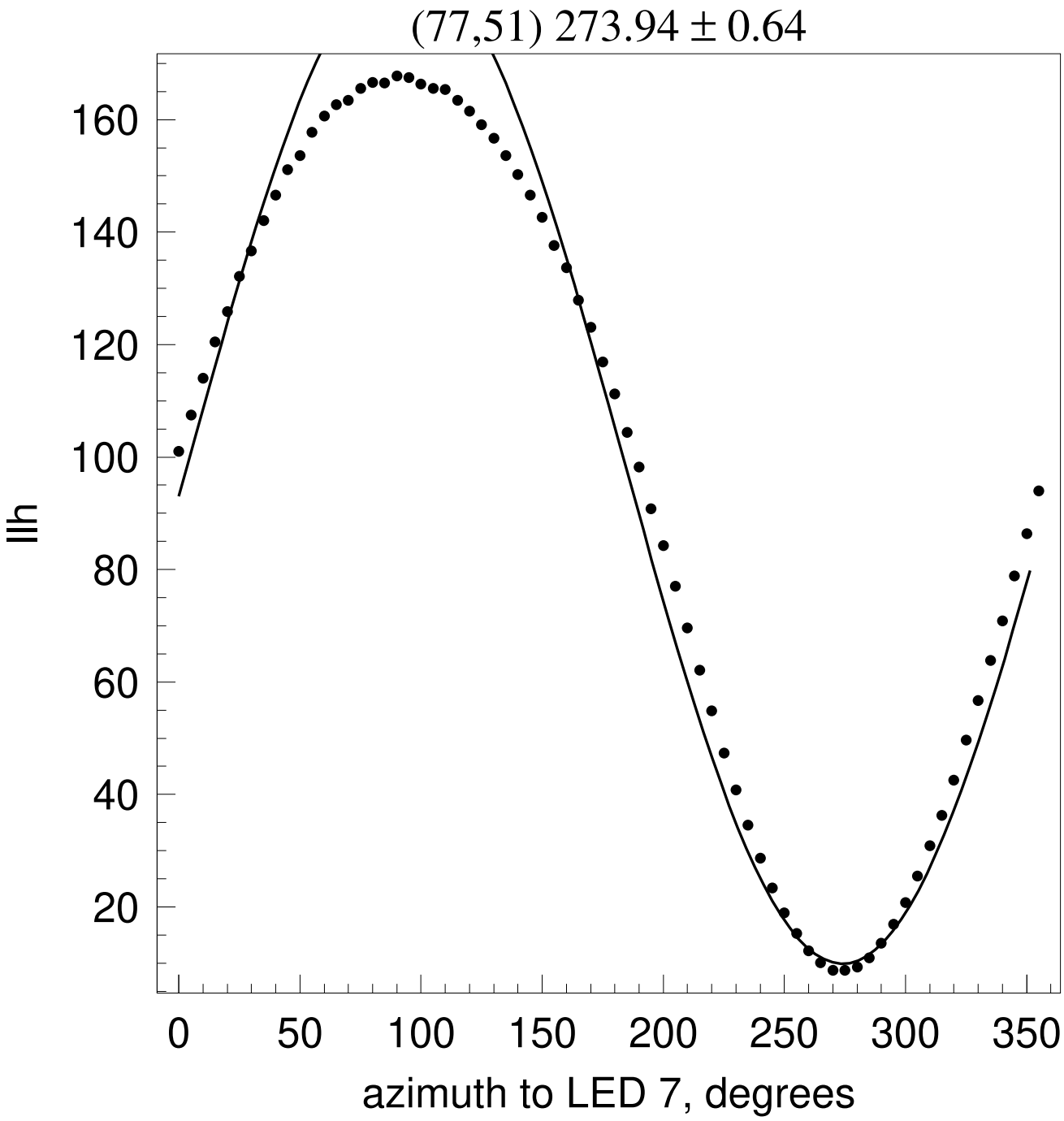

(77,46) 284.23 ± 0.47
100
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

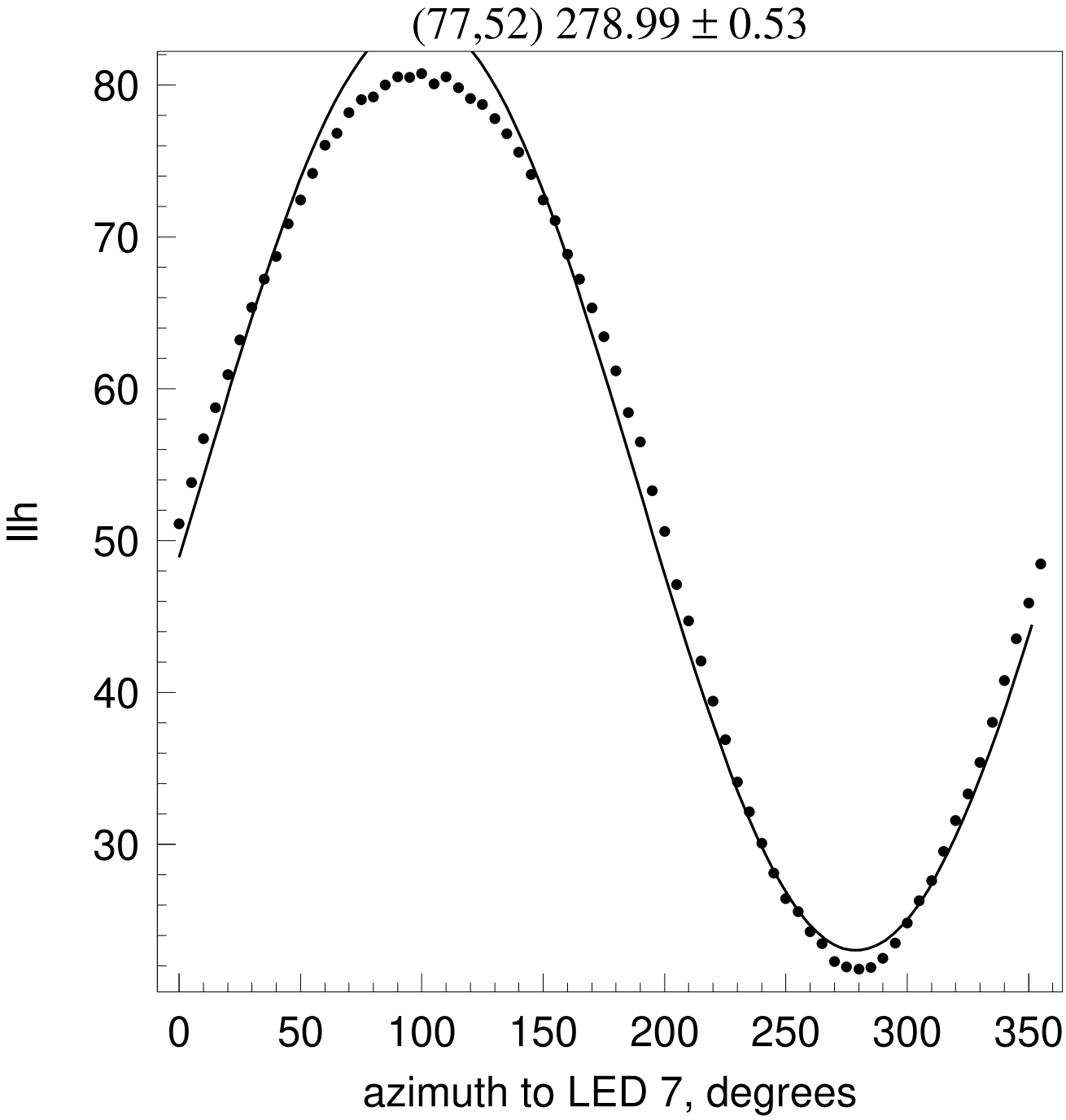

(77,47) 67.67 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

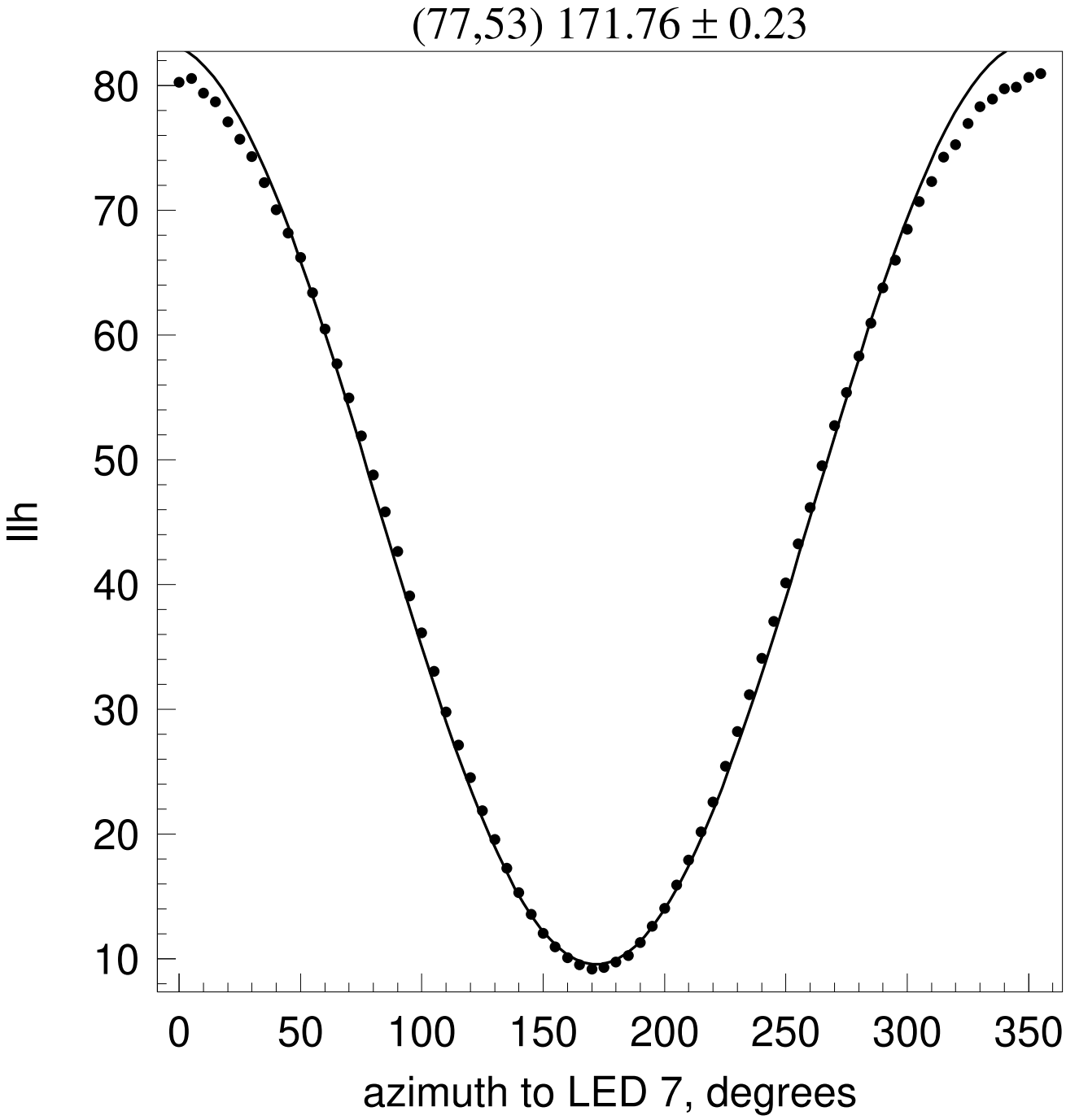

(77,48) 16.45 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

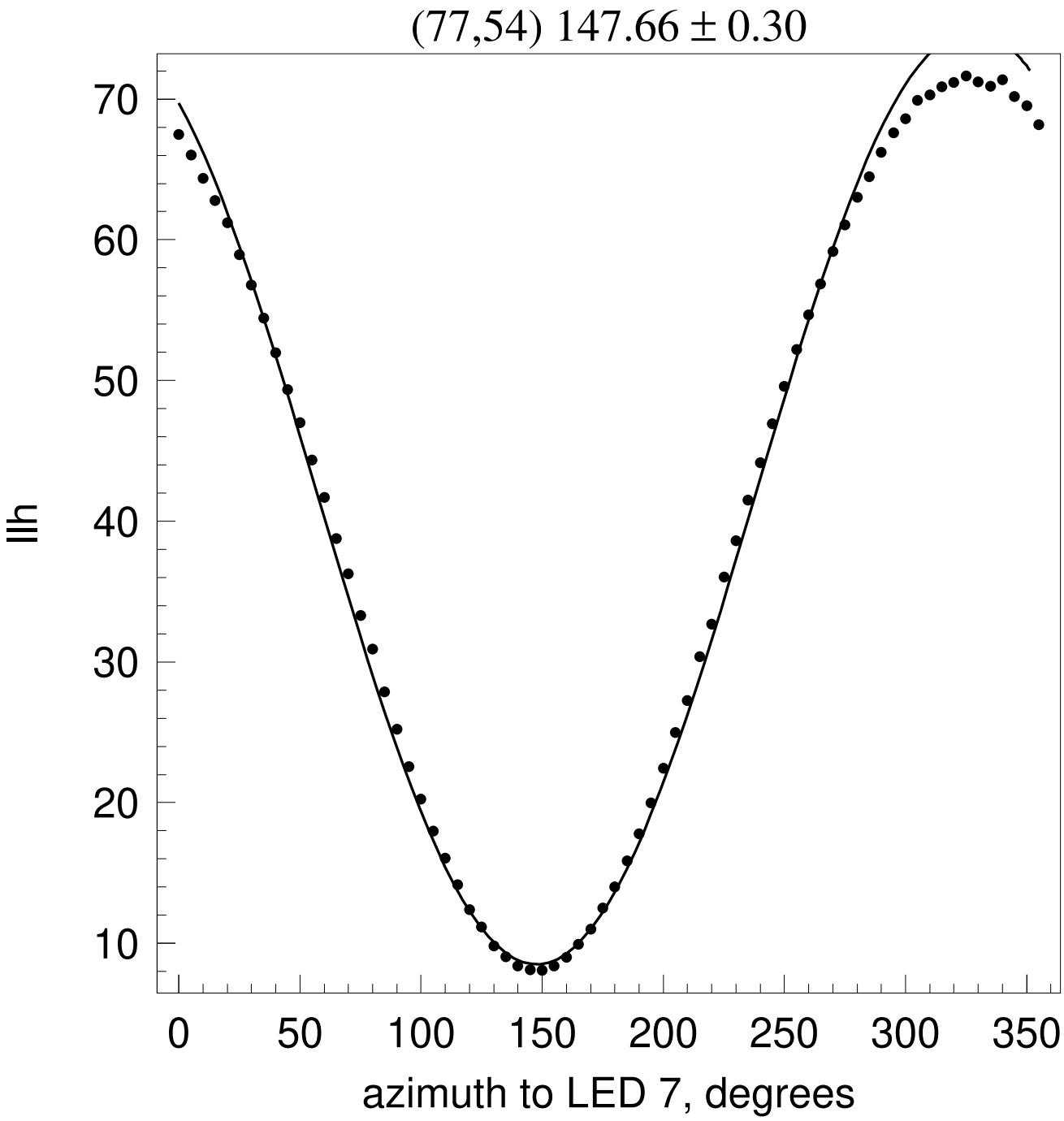

(77,49) 177.02 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

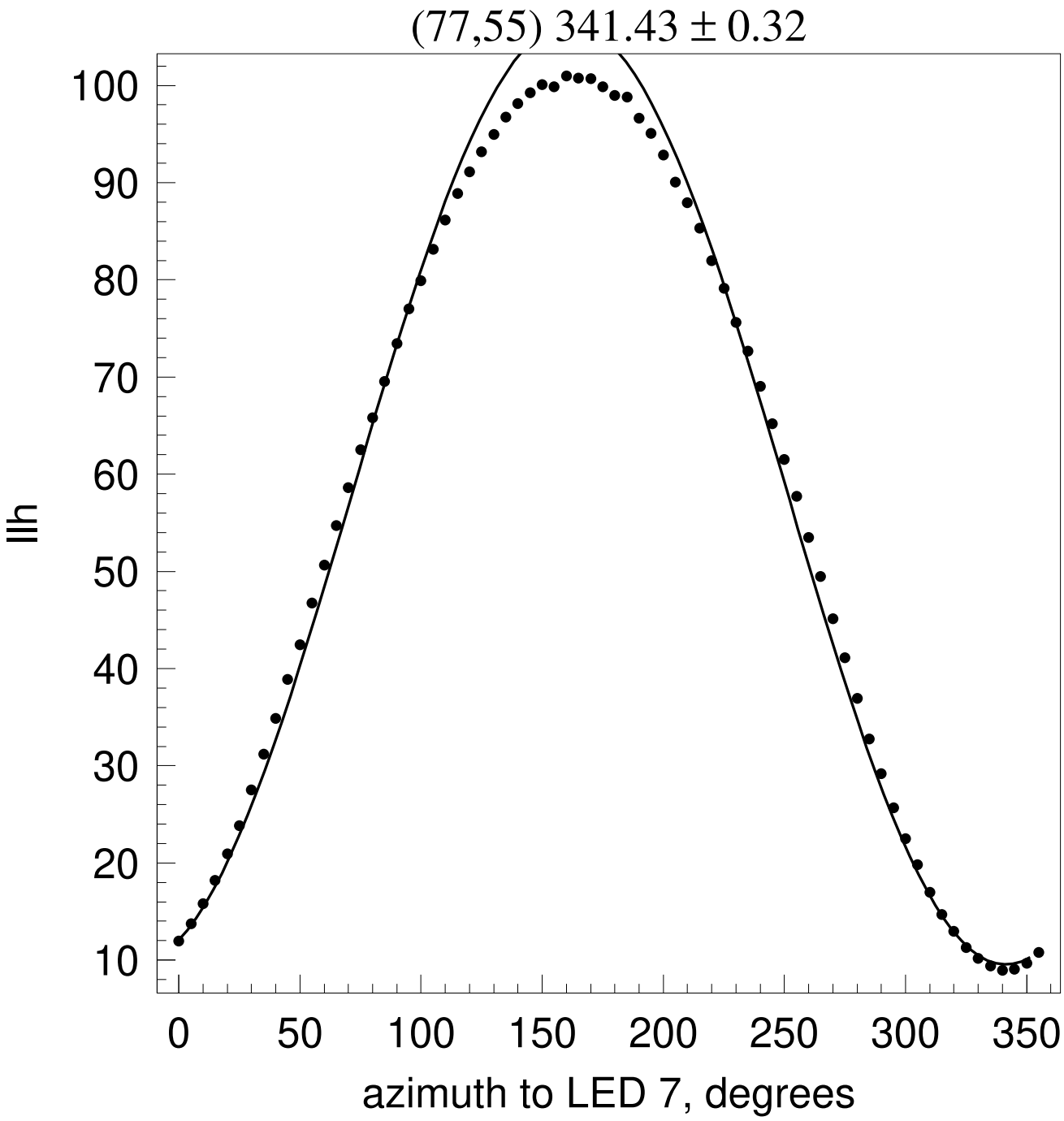

(77,50) 170.21 ± 0.65
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

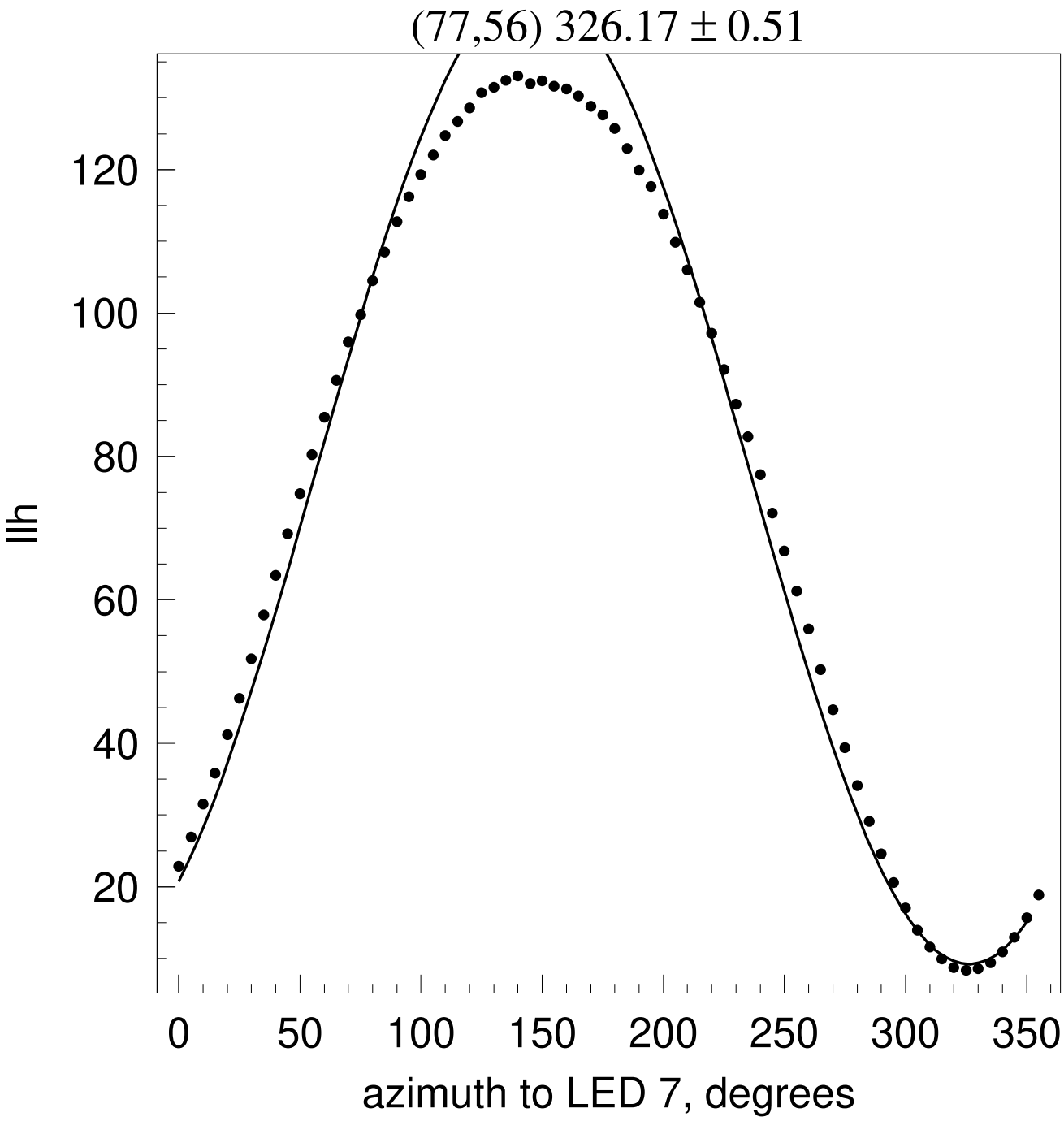

(77,51) 273.94 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

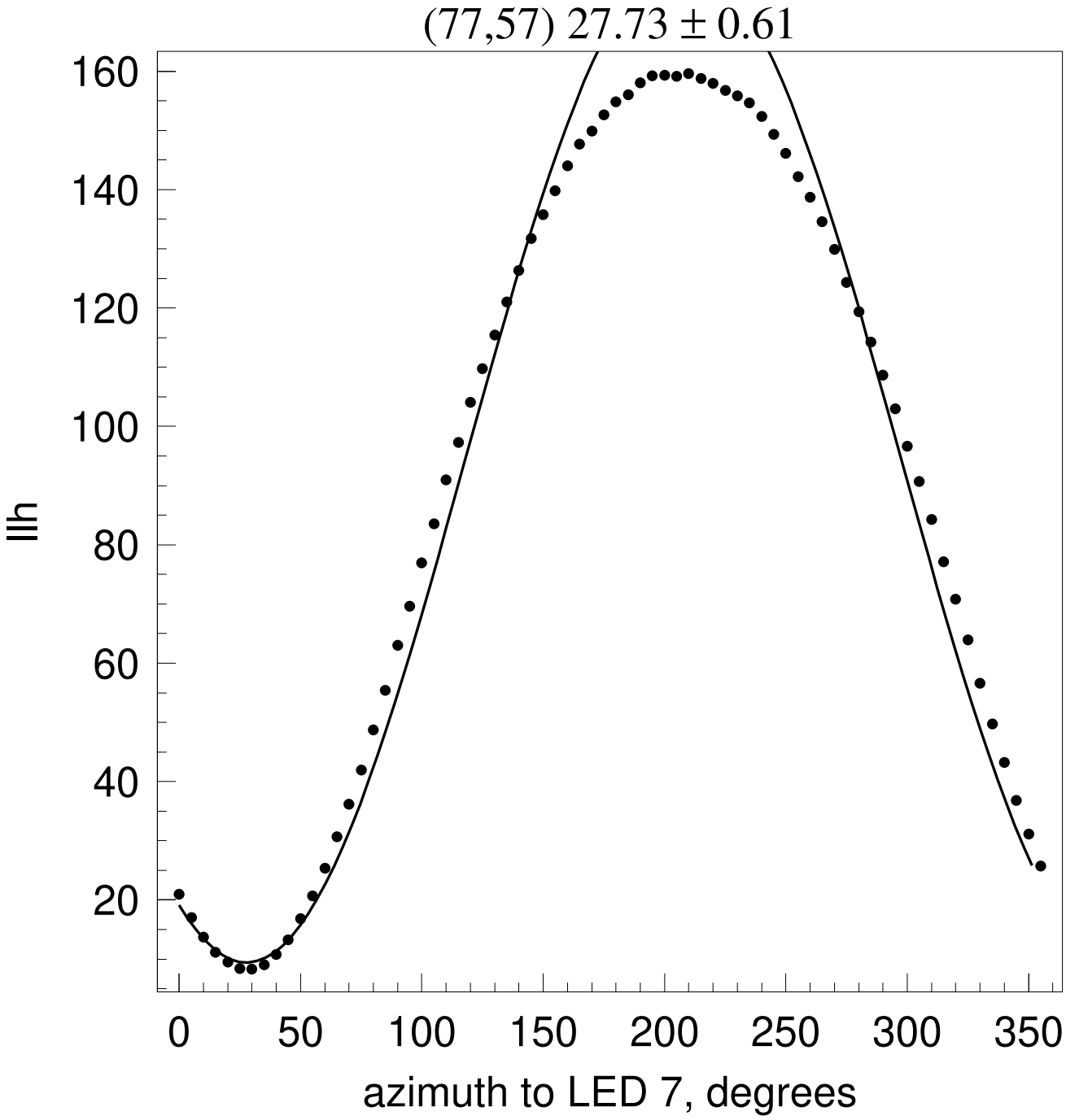

(77,52) 278.99 ± 0.53
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

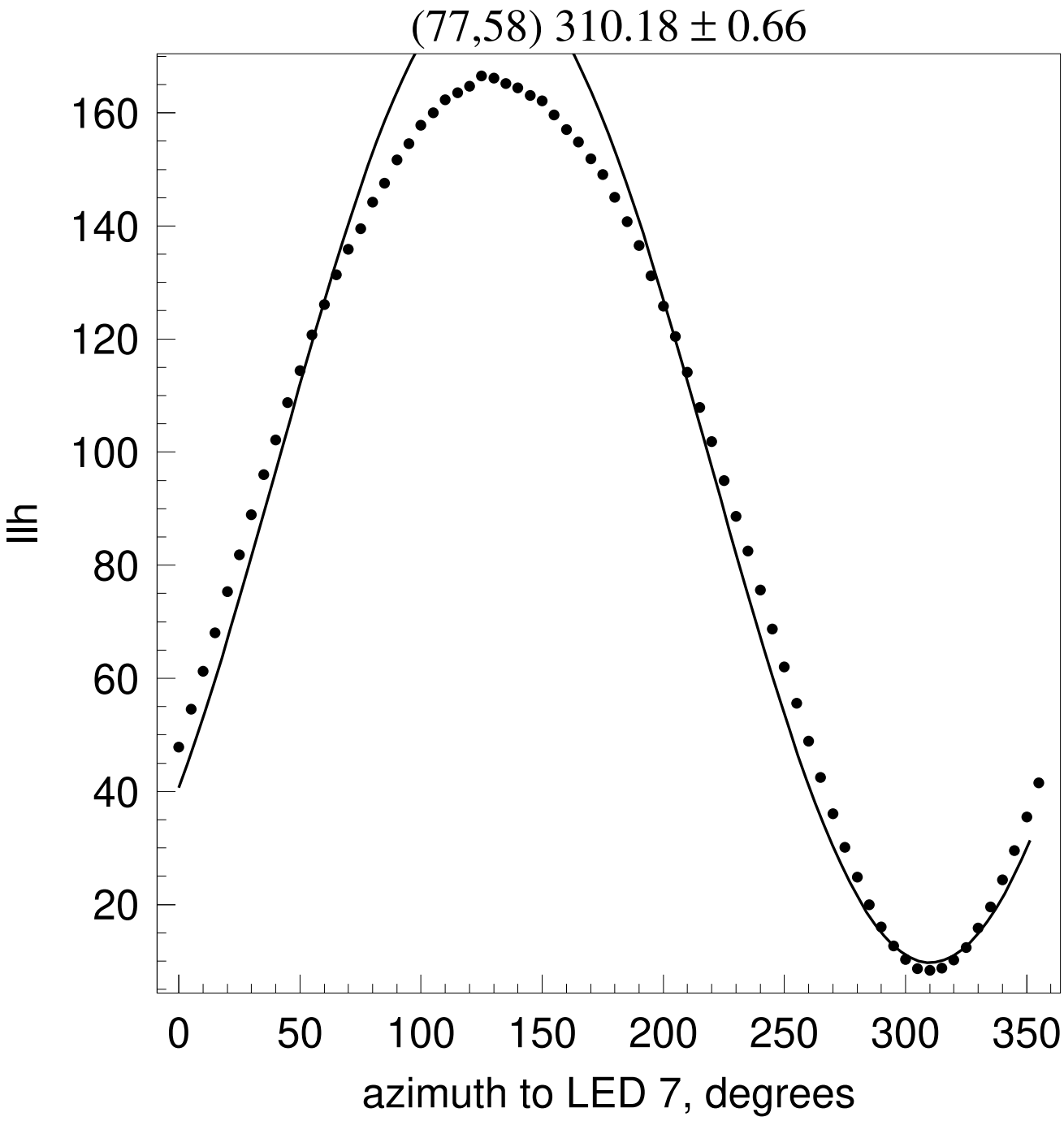

(77,53) 171.76 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

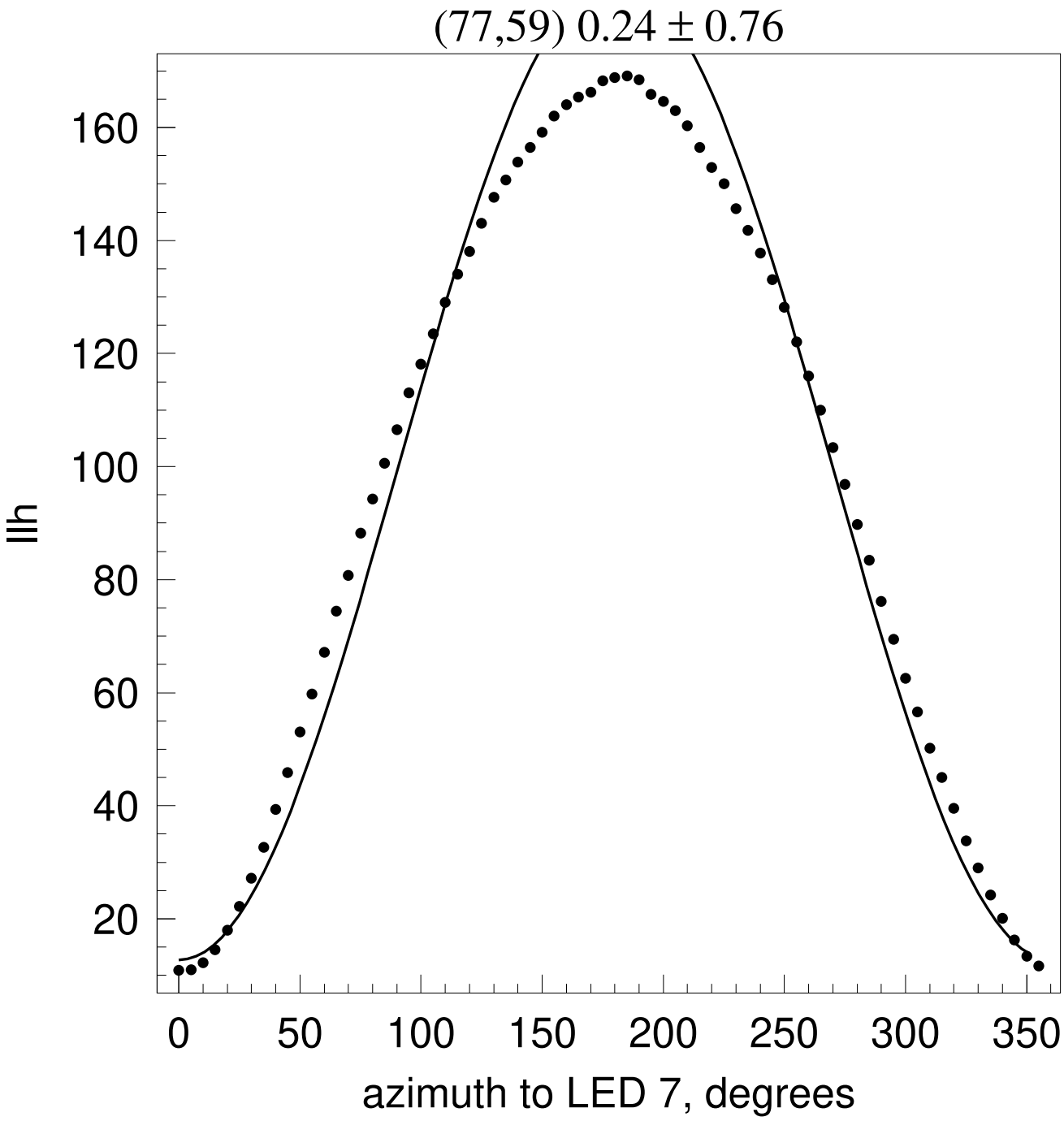

(77,54) 147.66 ± 0.30
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

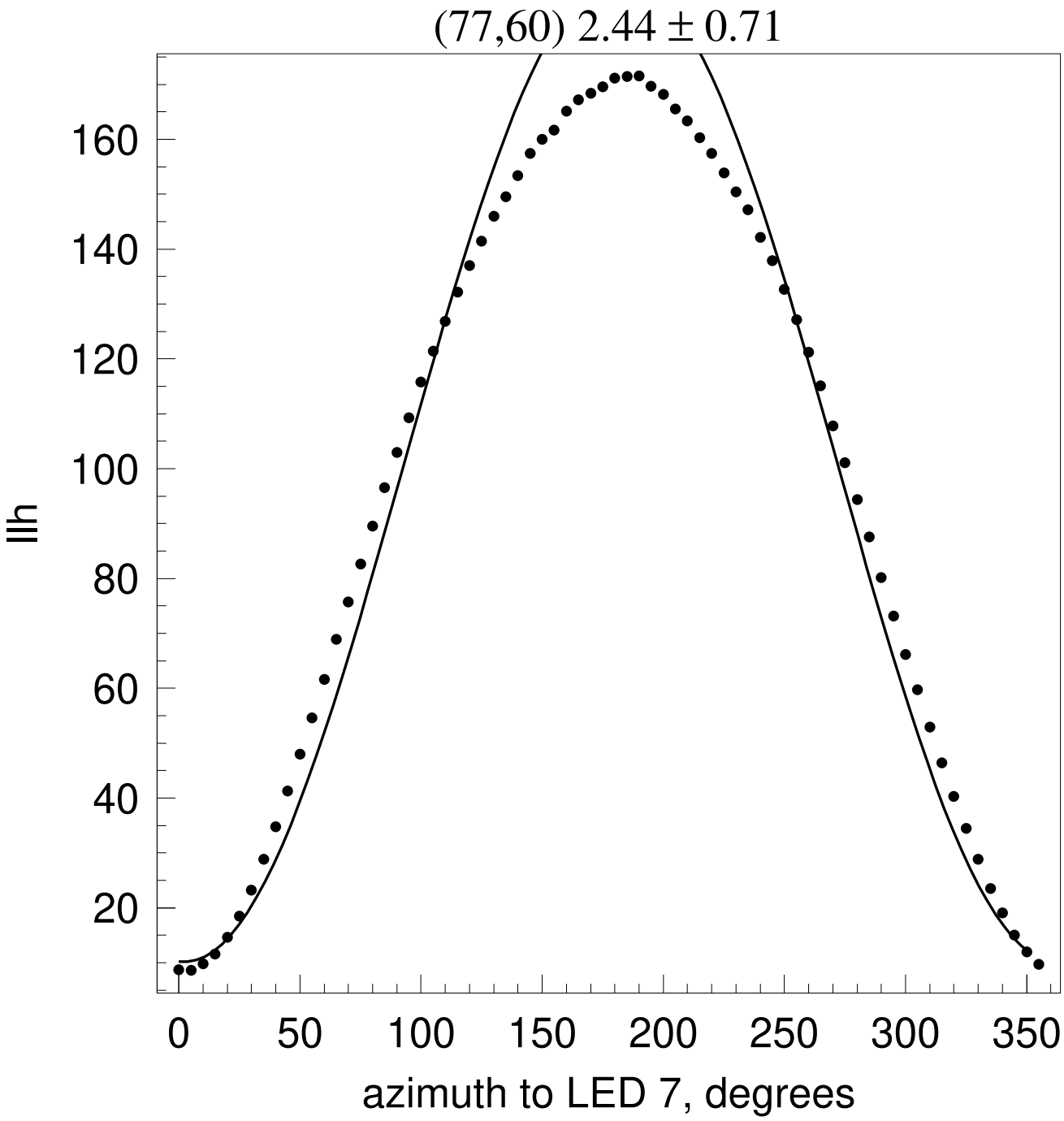

(77,55) 341.43 ± 0.32
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

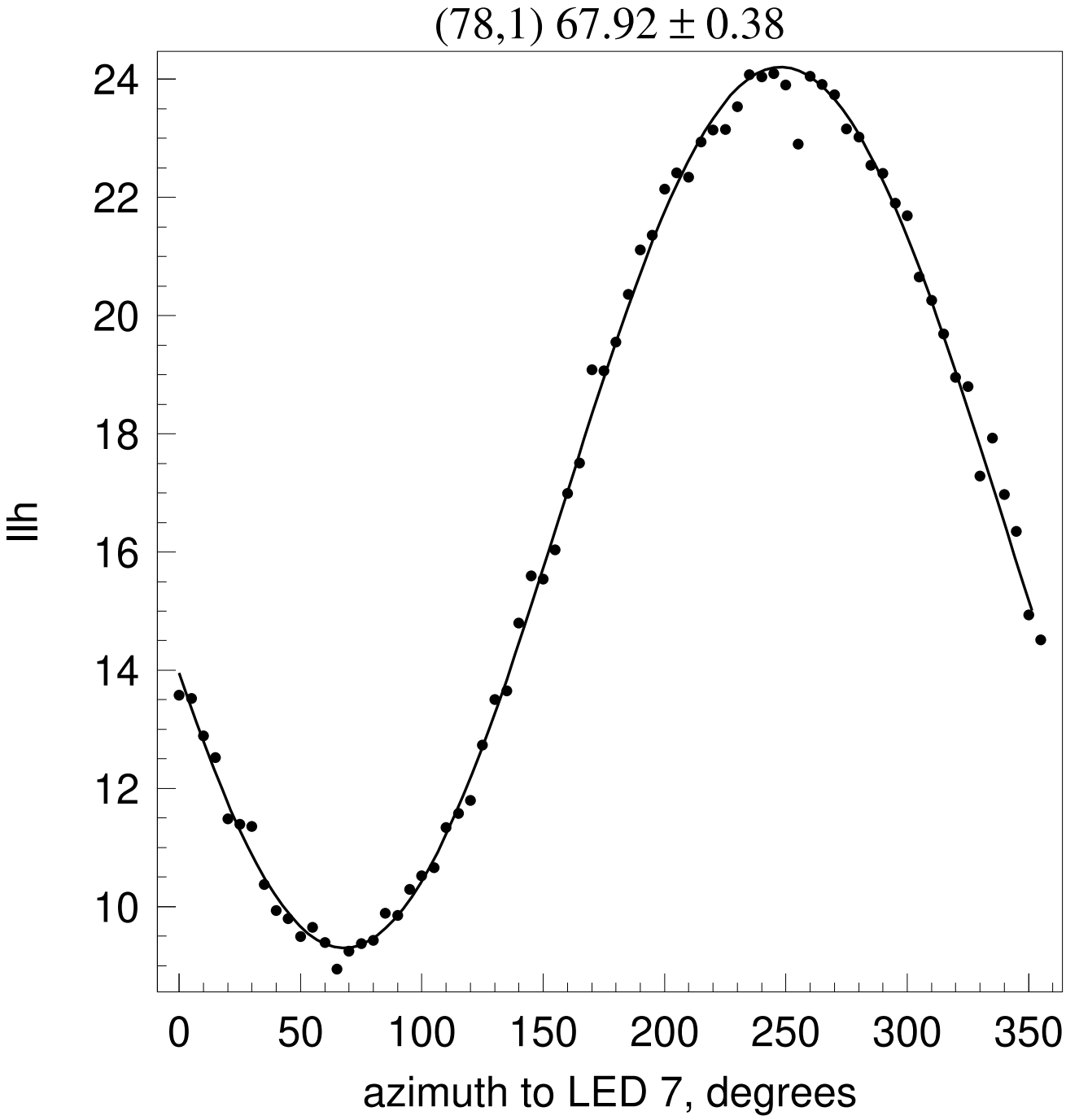

(77,56) 326.17 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

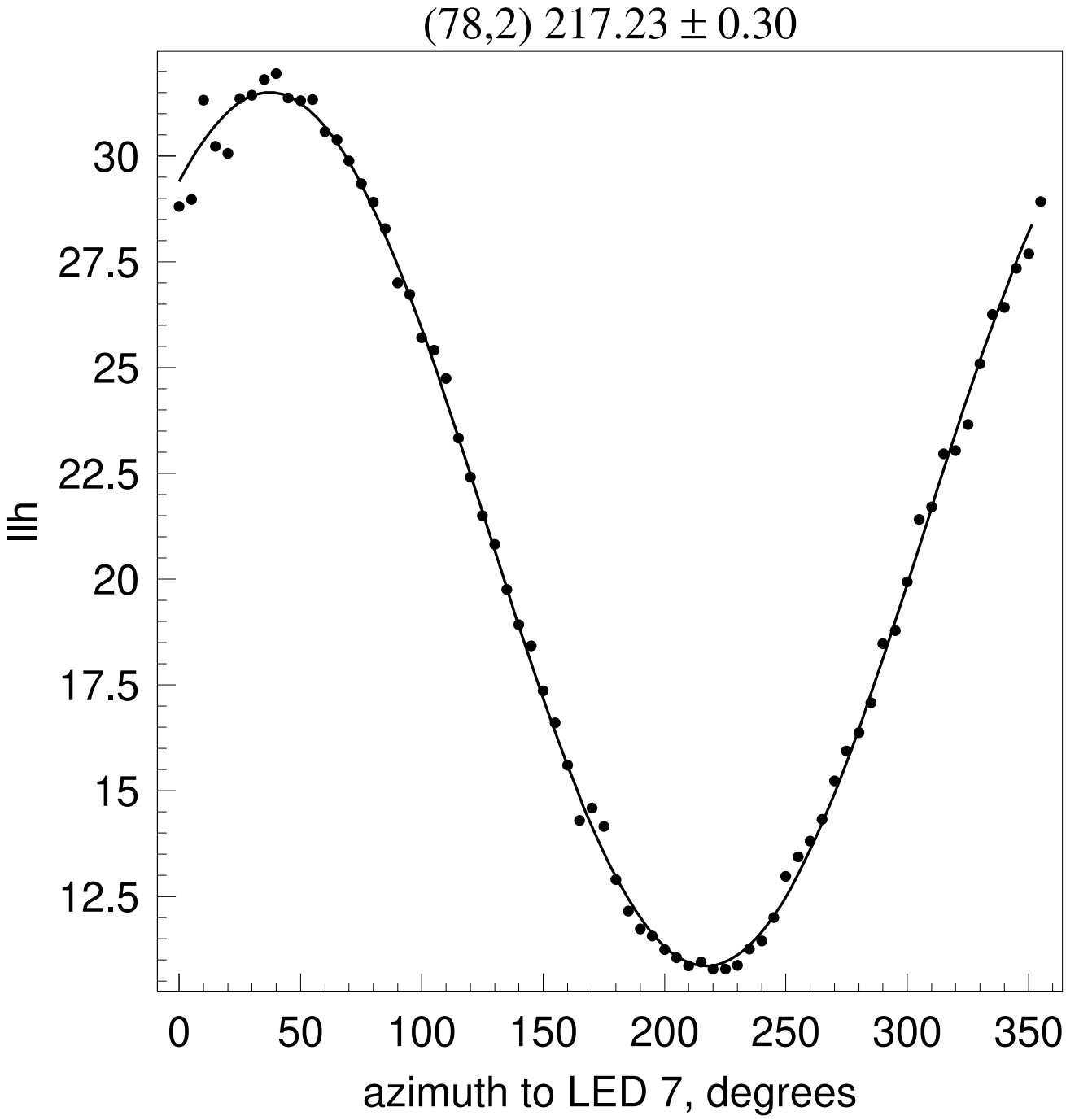

(77,57) 27.73 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

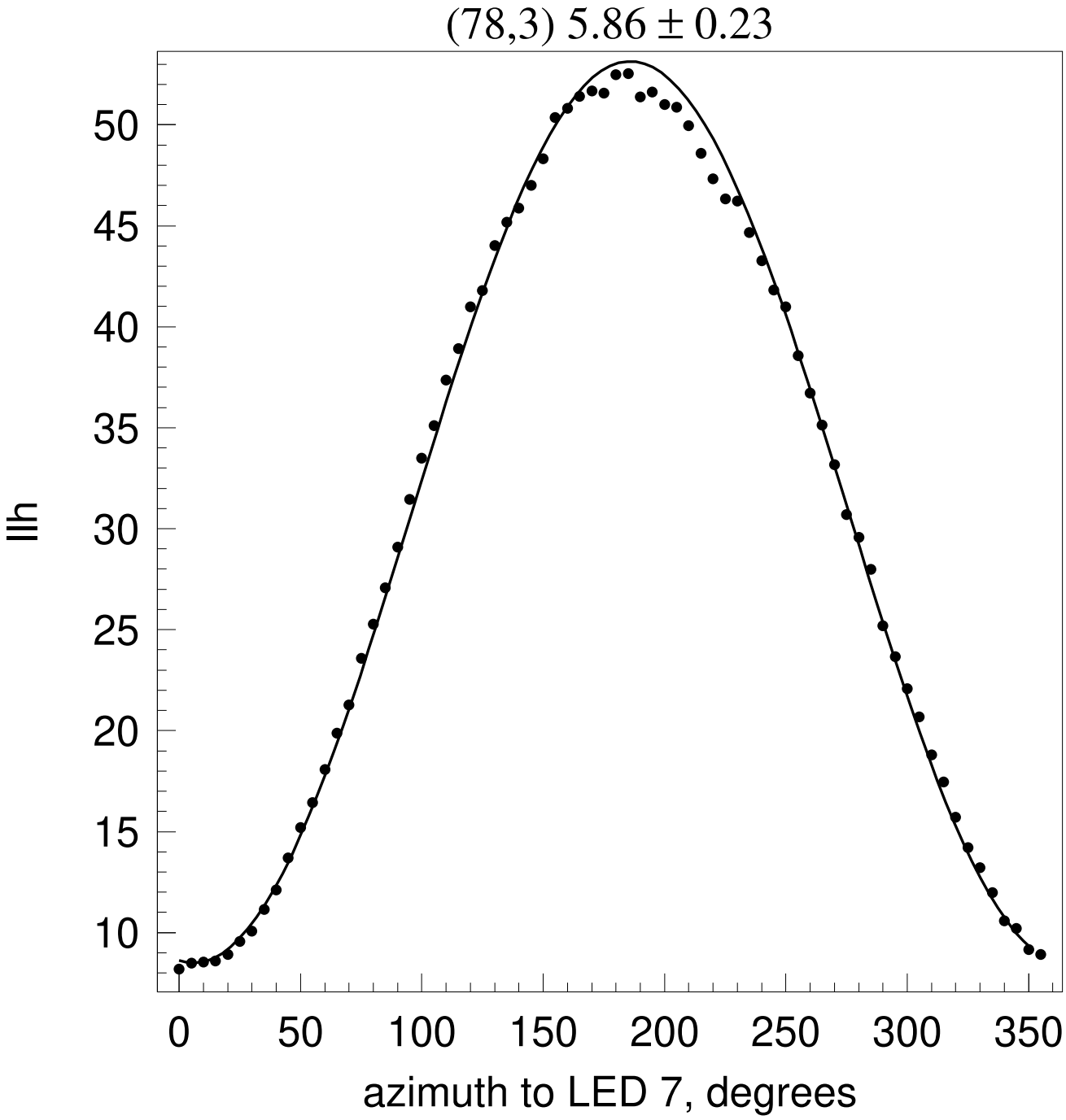

(77,58) 310.18 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

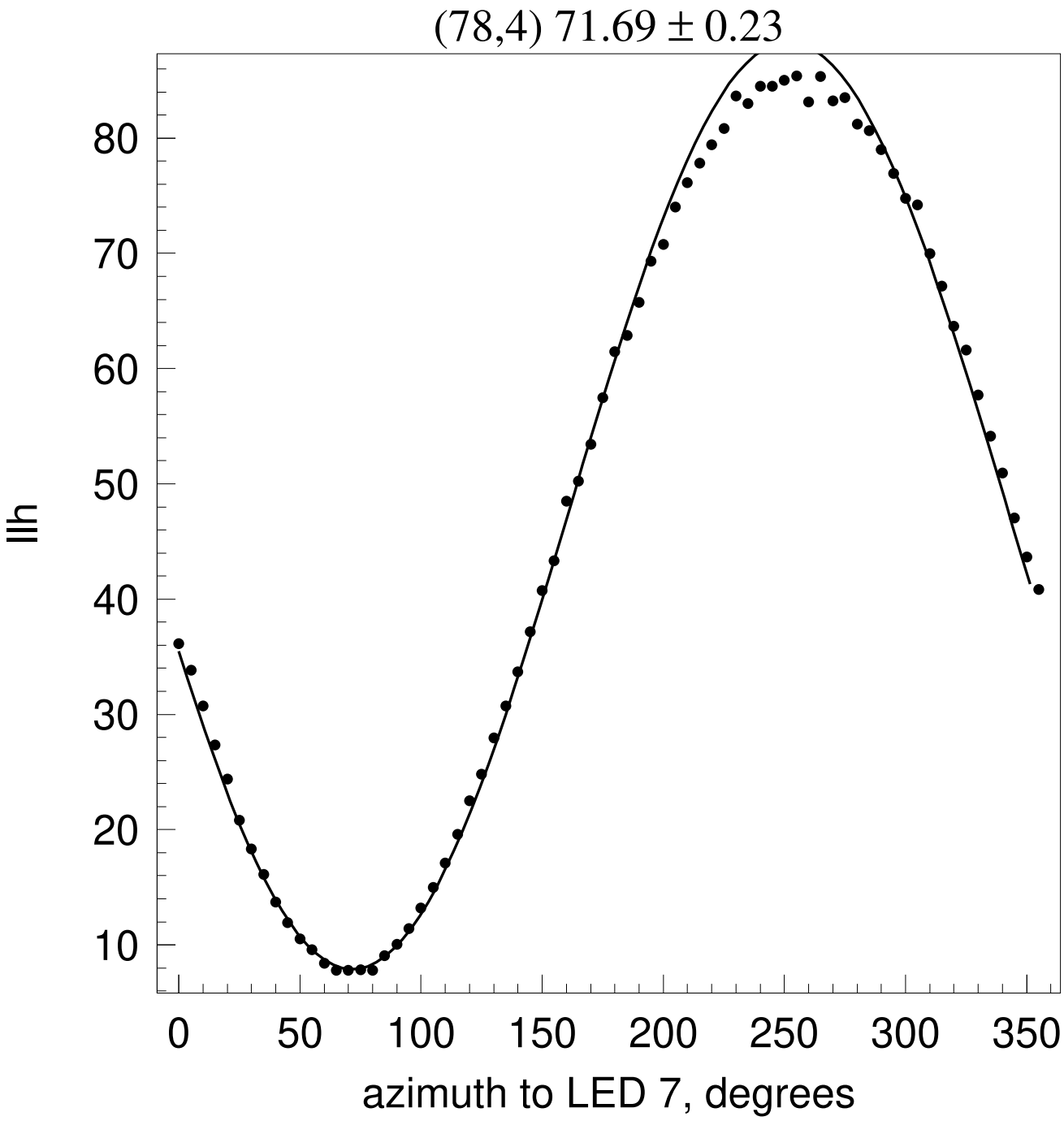

(77,59) 0.24 ± 0.76
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

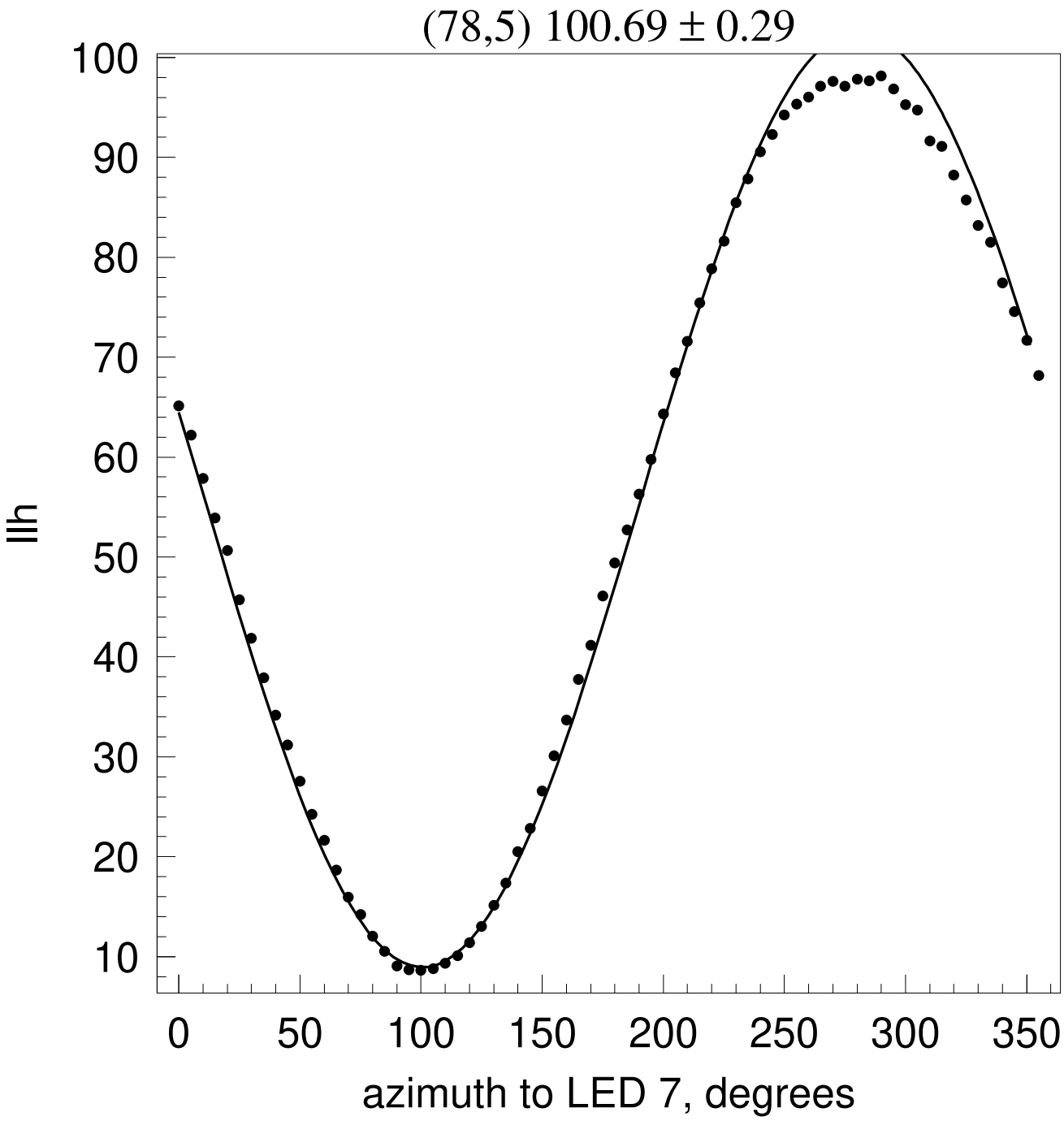

(77,60) 2.44 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

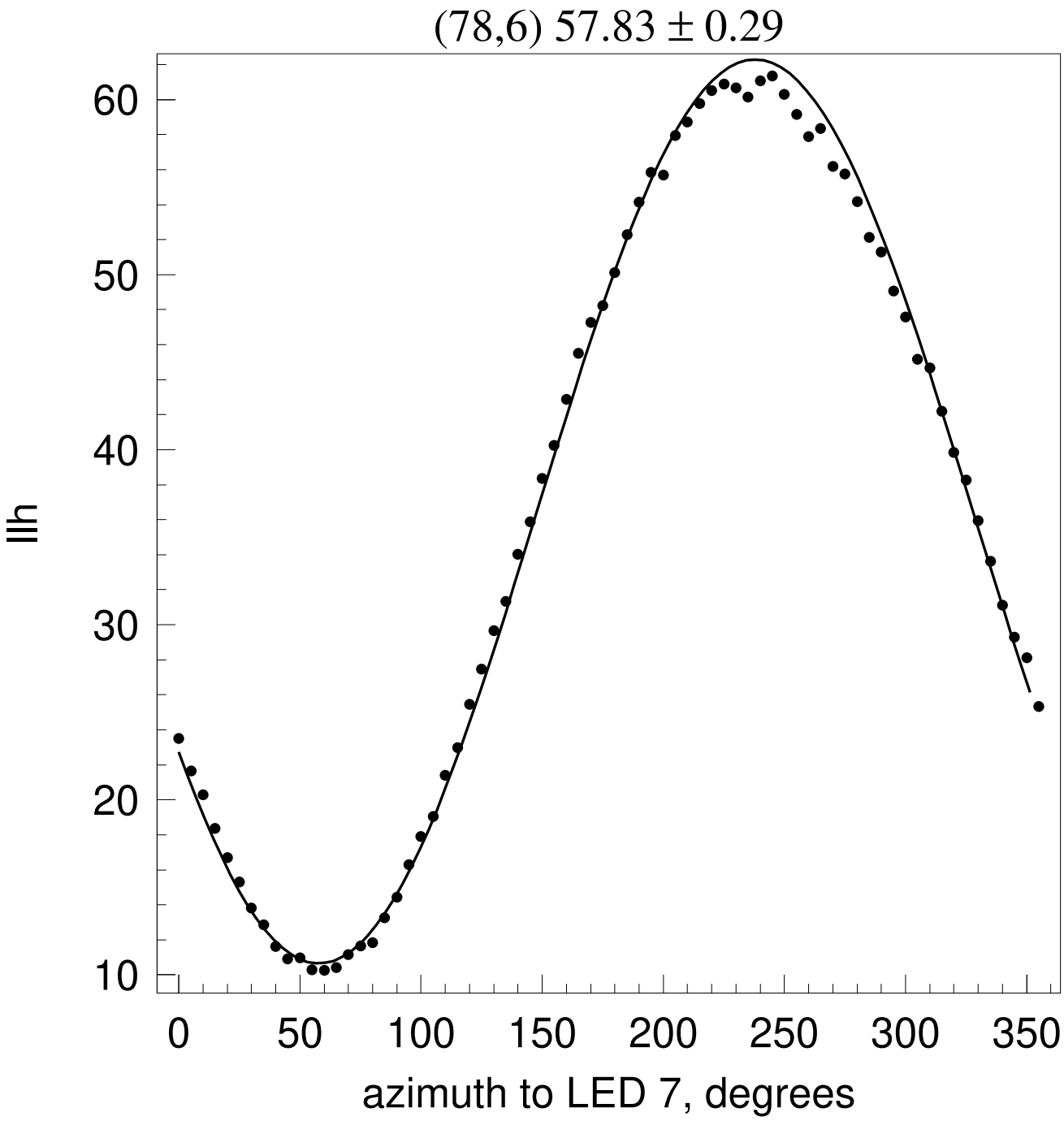

(78,1) 67.92 ± 0.38
24
22
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

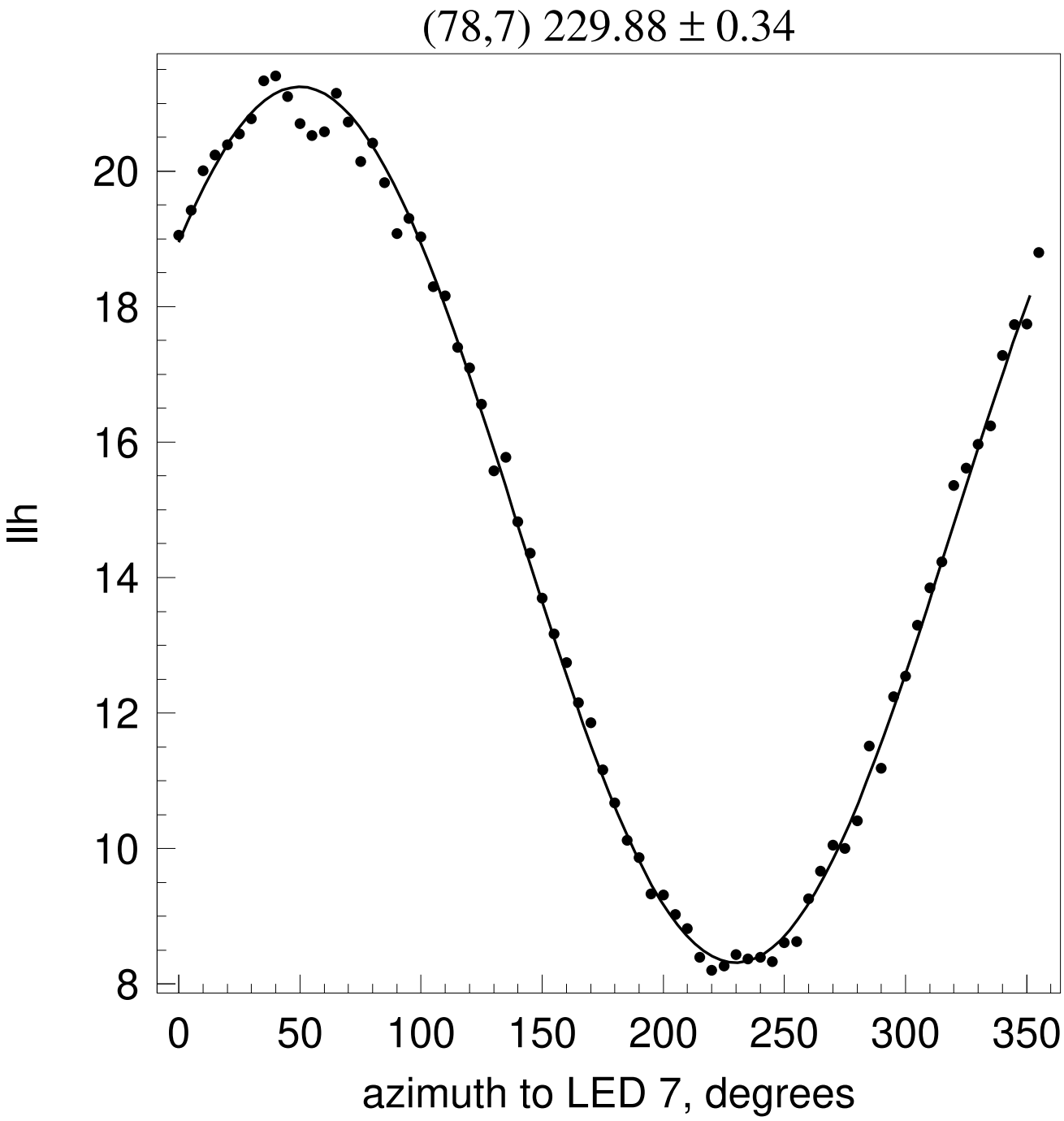

(78,2) 217.23 ± 0.30
30
27.5
25
22.5
20
17.5
15
12.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

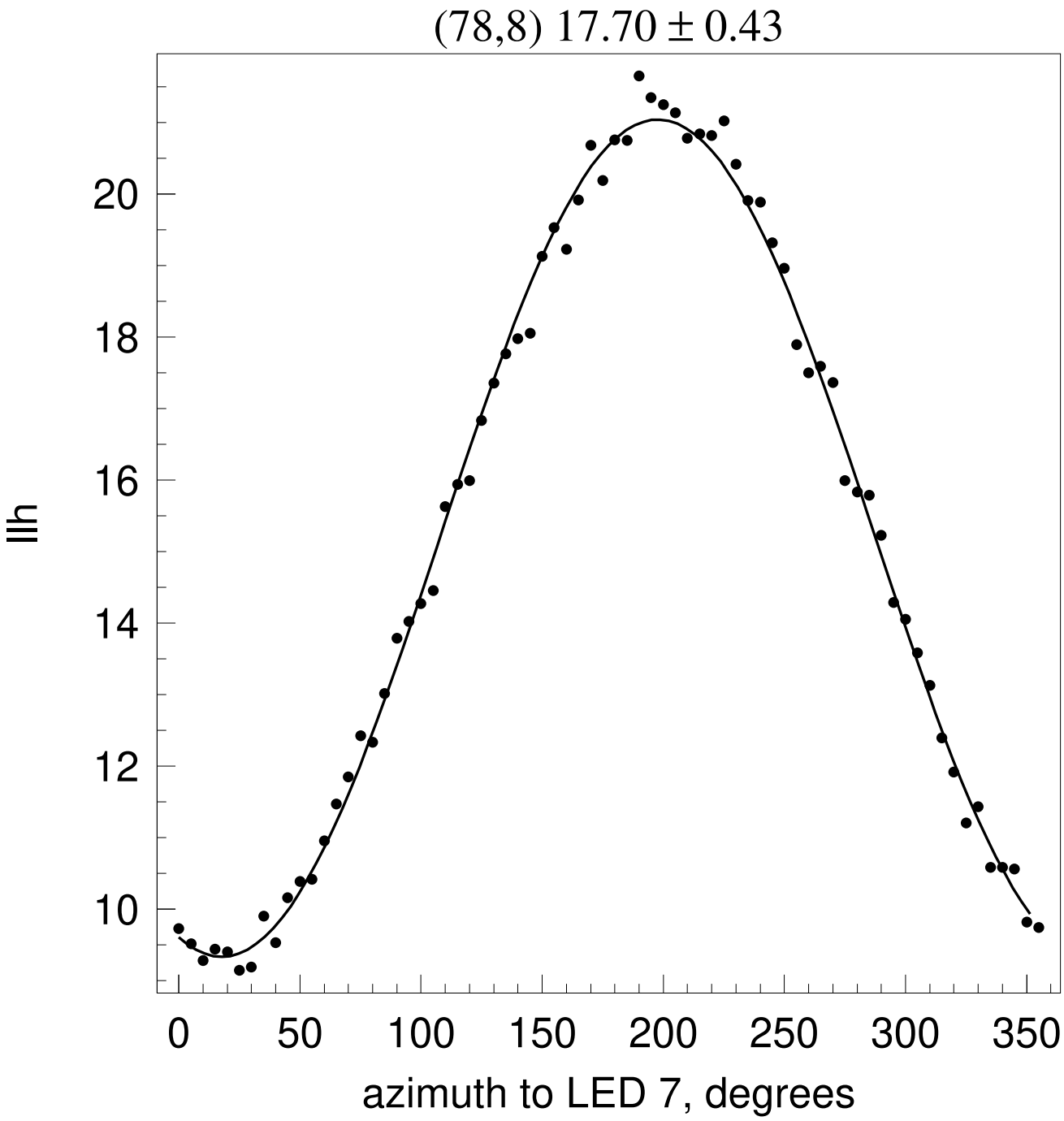

(78,3) 5.86 ± 0.23
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

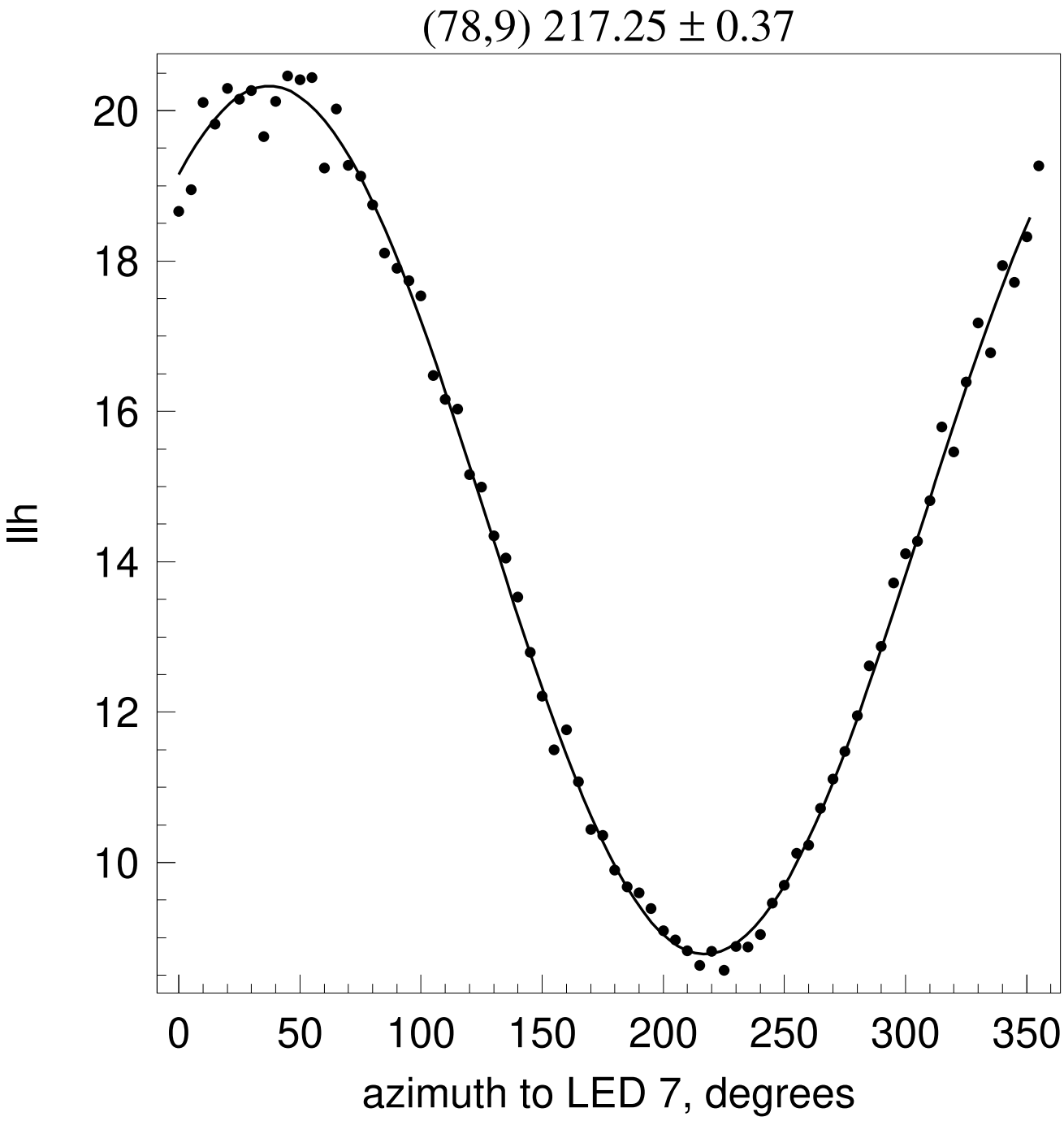

(78,4) 71.69 ± 0.23
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

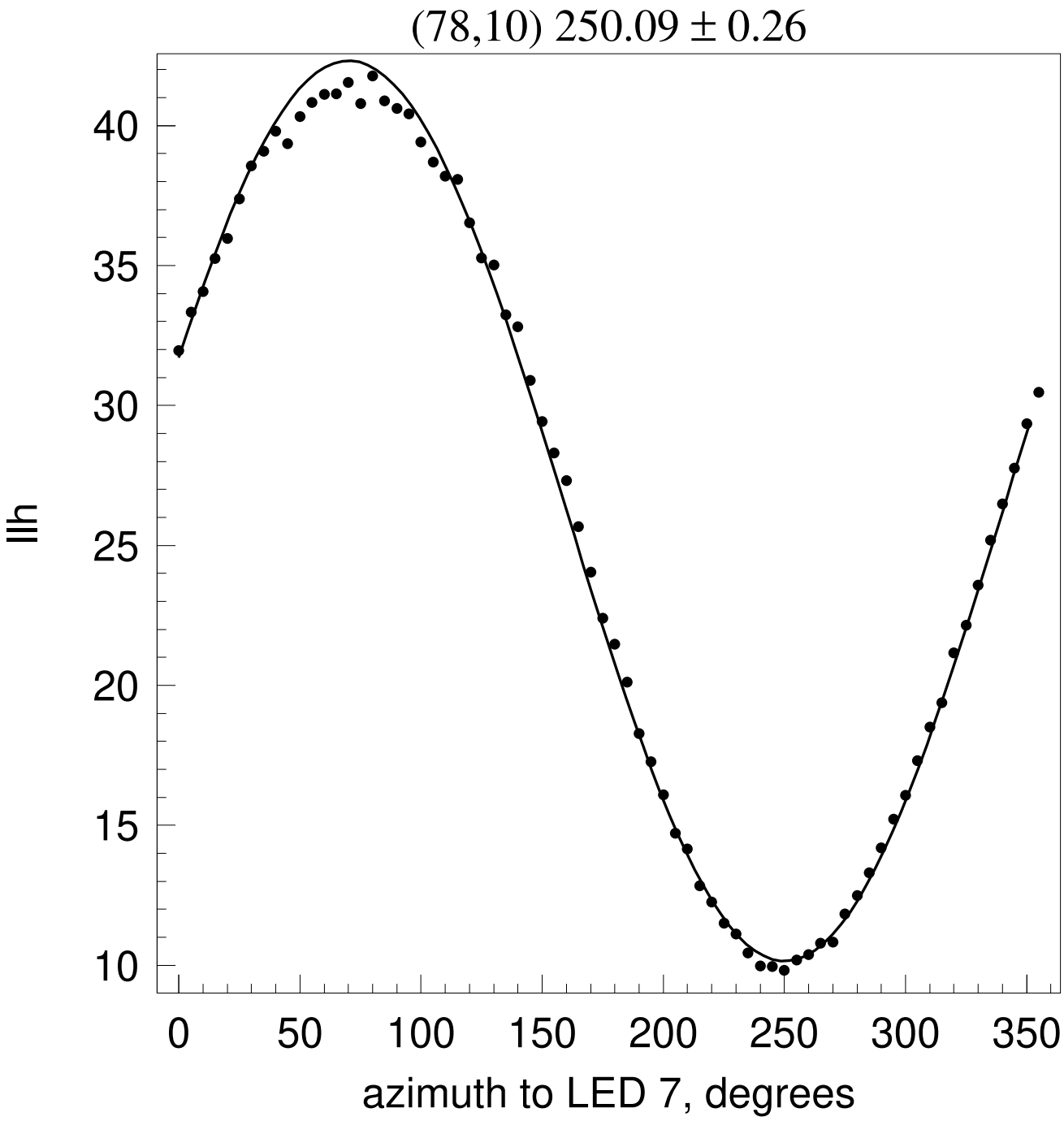

(78,5) 100.69 ± 0.29
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

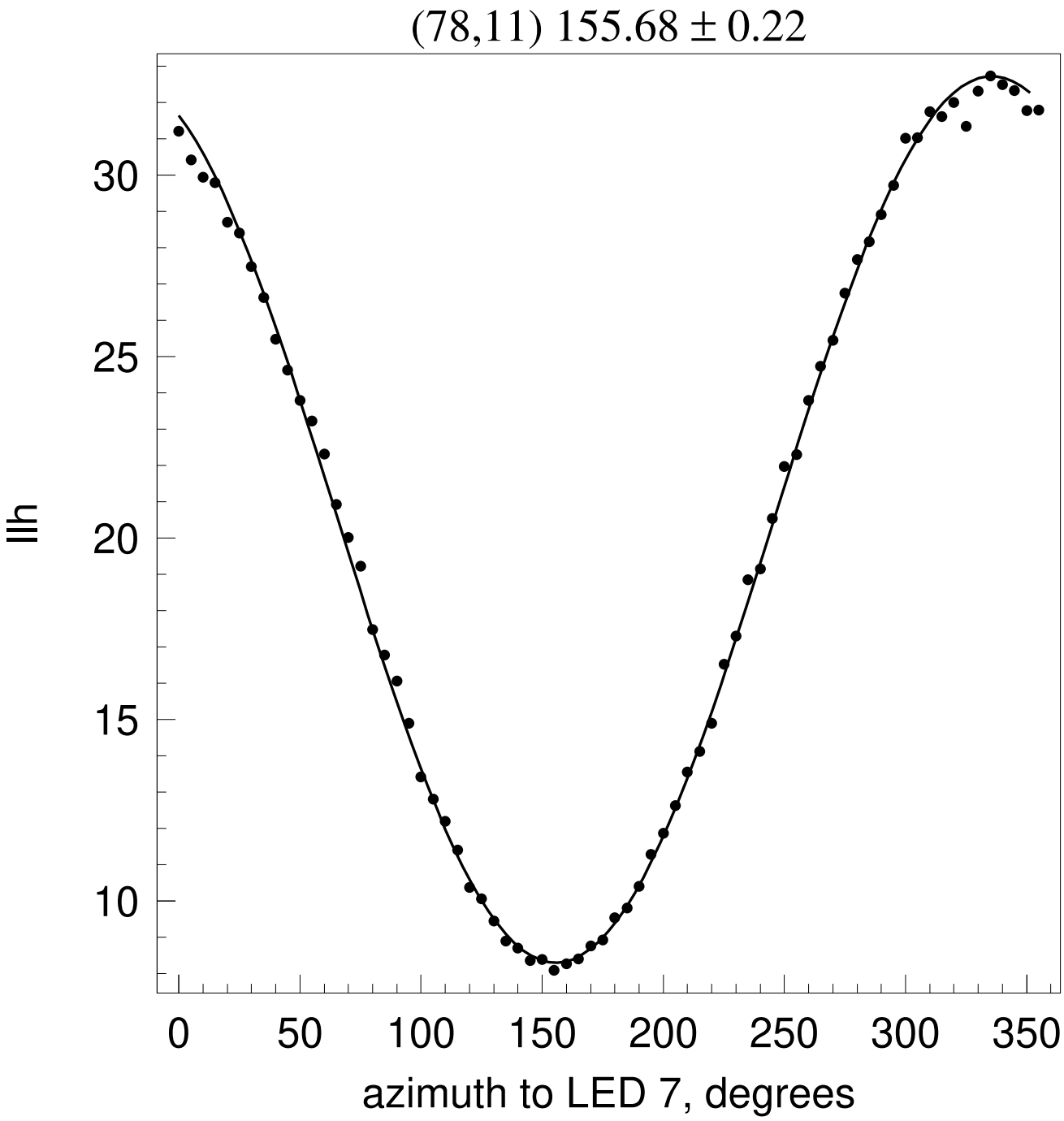

(78,6) 57.83 ± 0.29
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

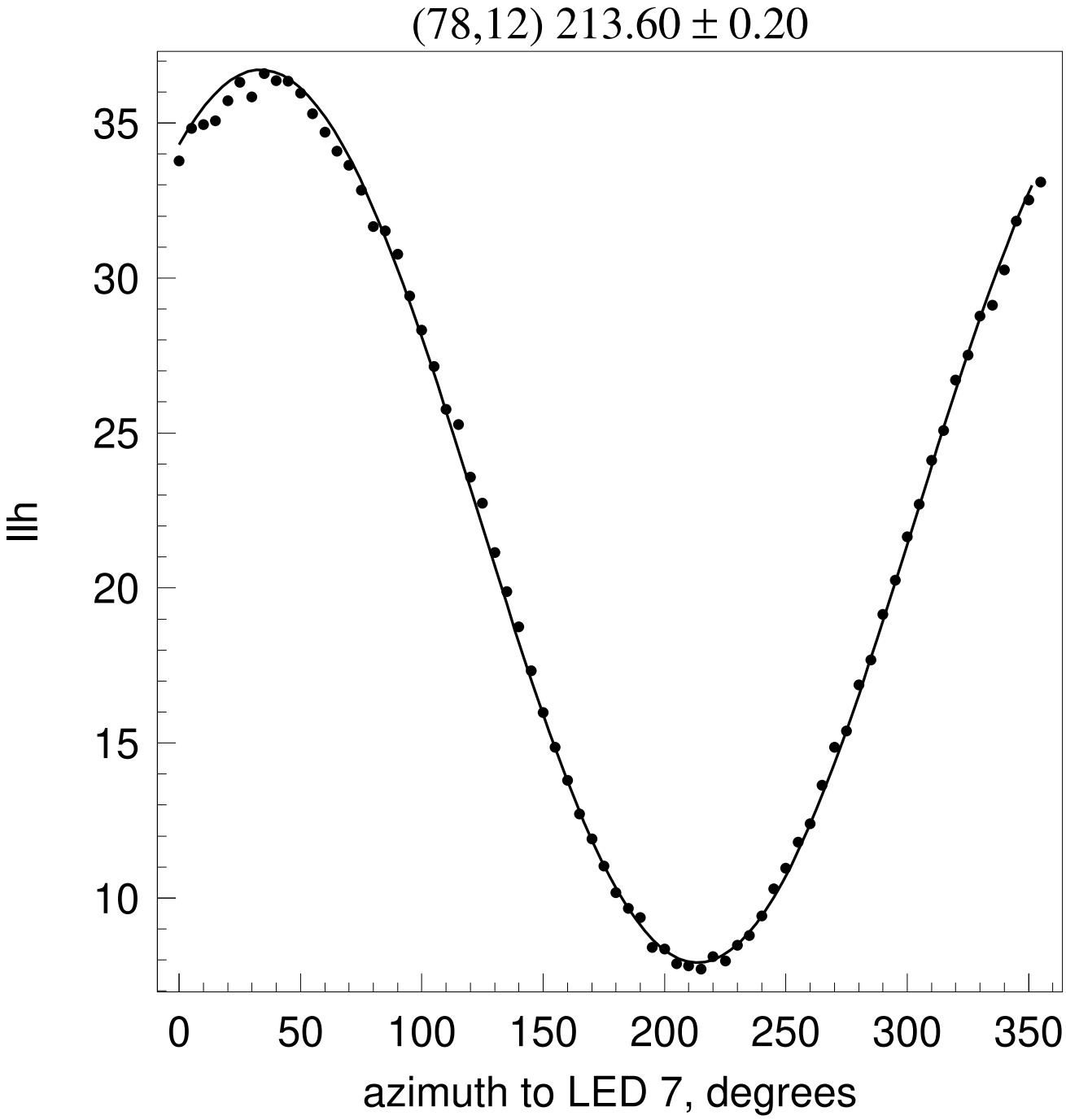

(78,7) 229.88 ± 0.34
llh
20
18
16
14
12
10
8
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

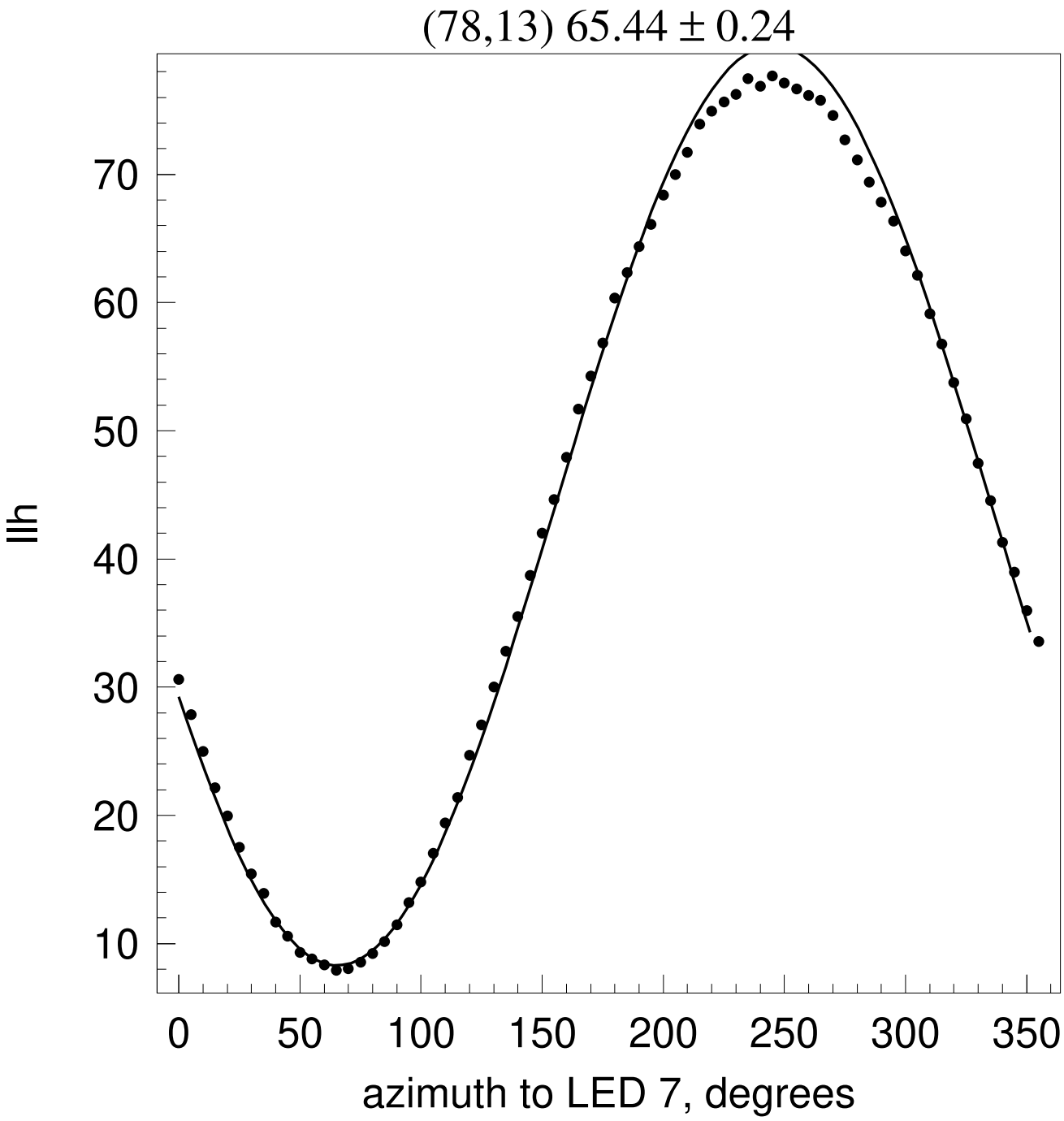

(78,8) 17.70 ± 0.43
llh
20
18
16
14
12
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

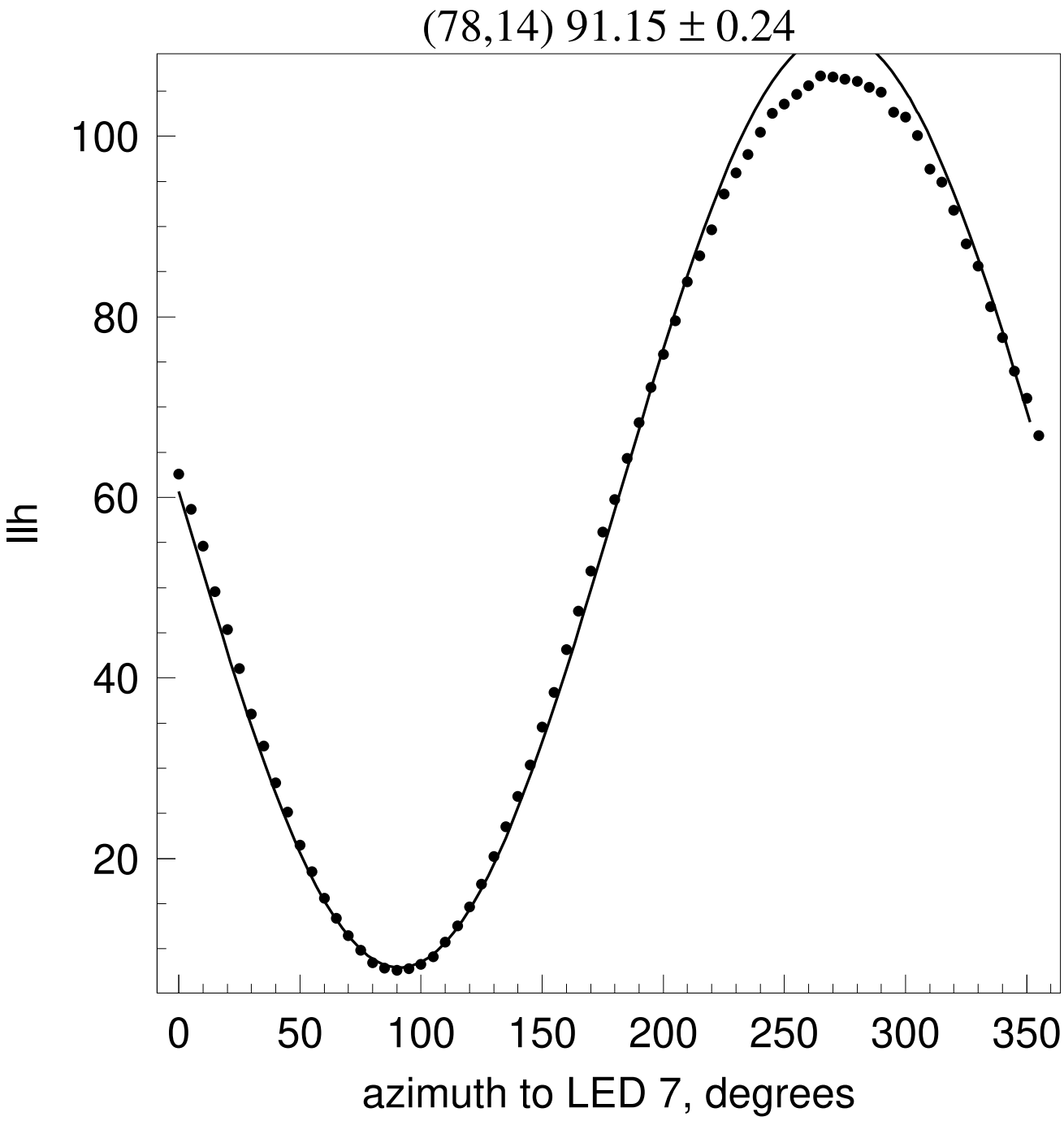

(78,9) 217.25 ± 0.37
20
18
16
14
12
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

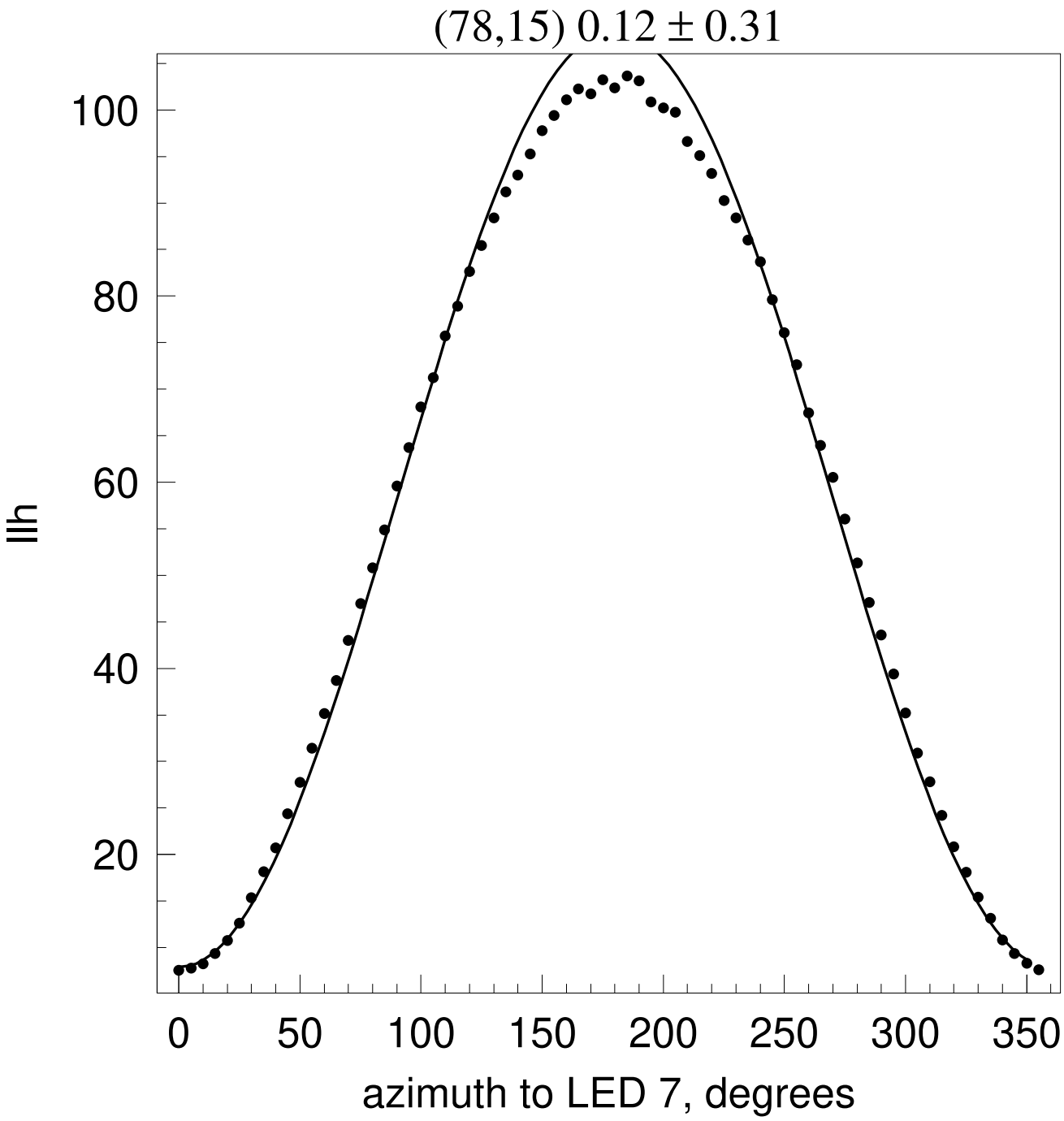

(78,10) 250.09 ± 0.26
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

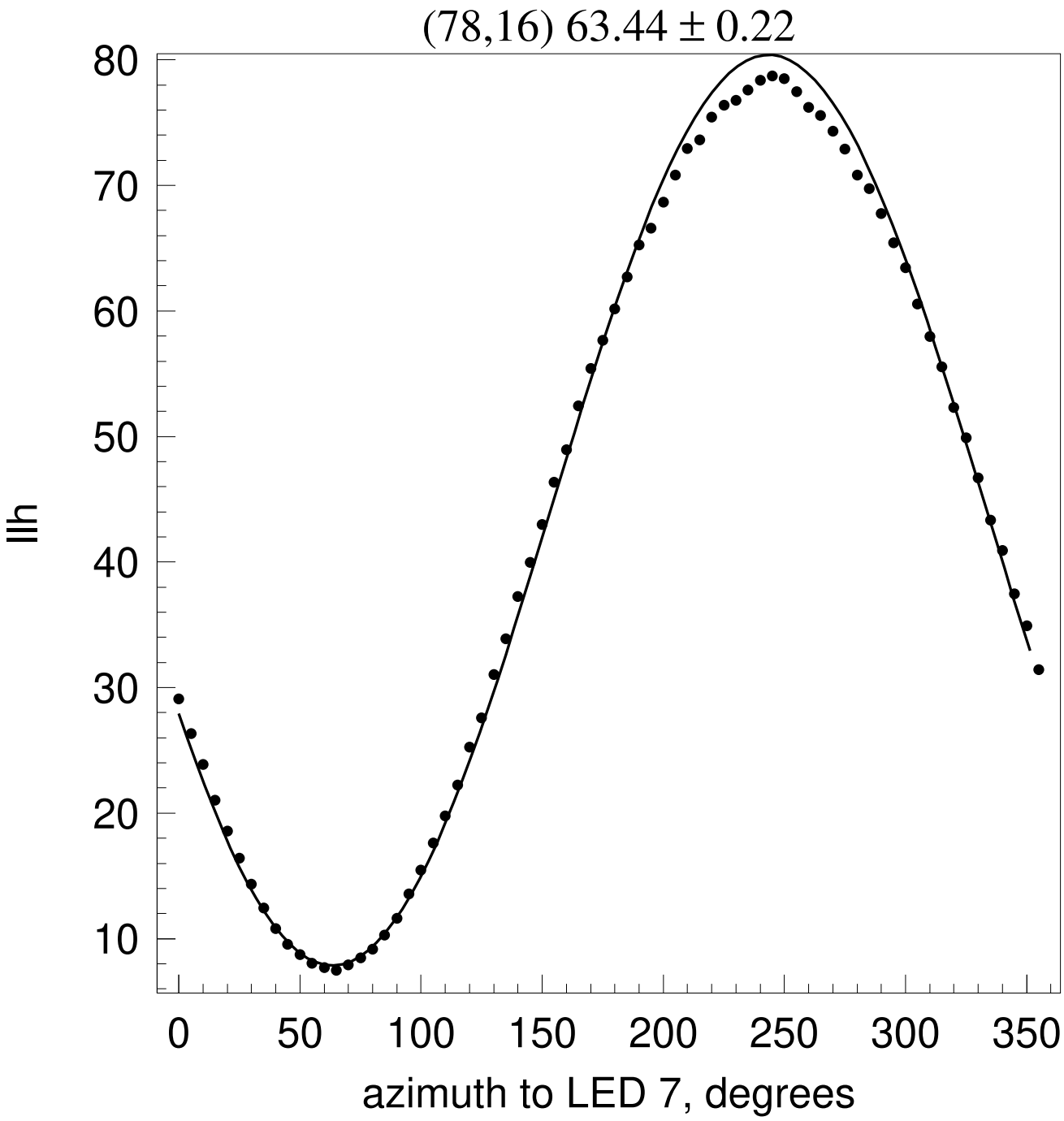

(78,11) 155.68 ± 0.22
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

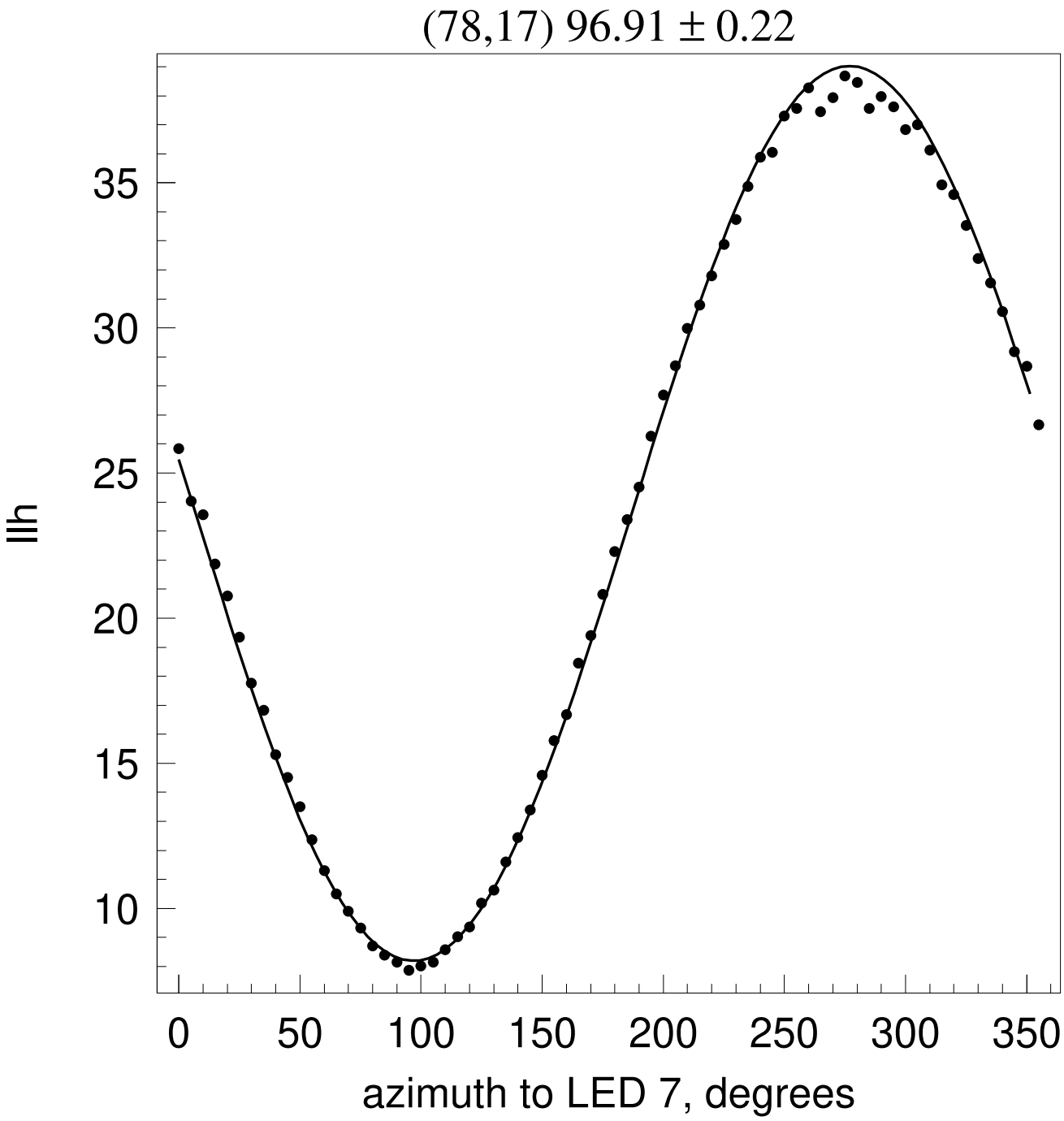

(78,12) 213.60 ± 0.20
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

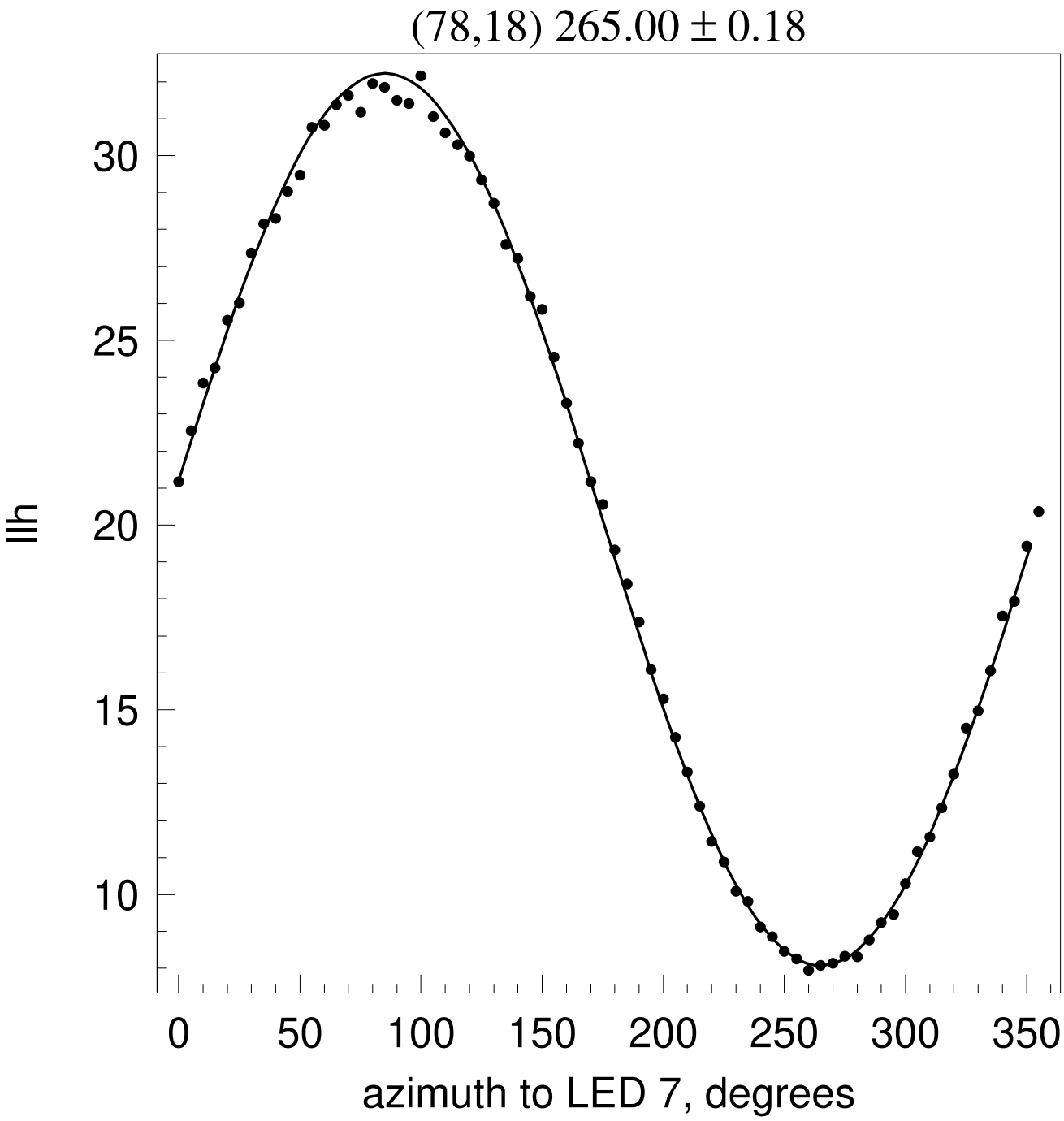

(78,13) 65.44 ± 0.24
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

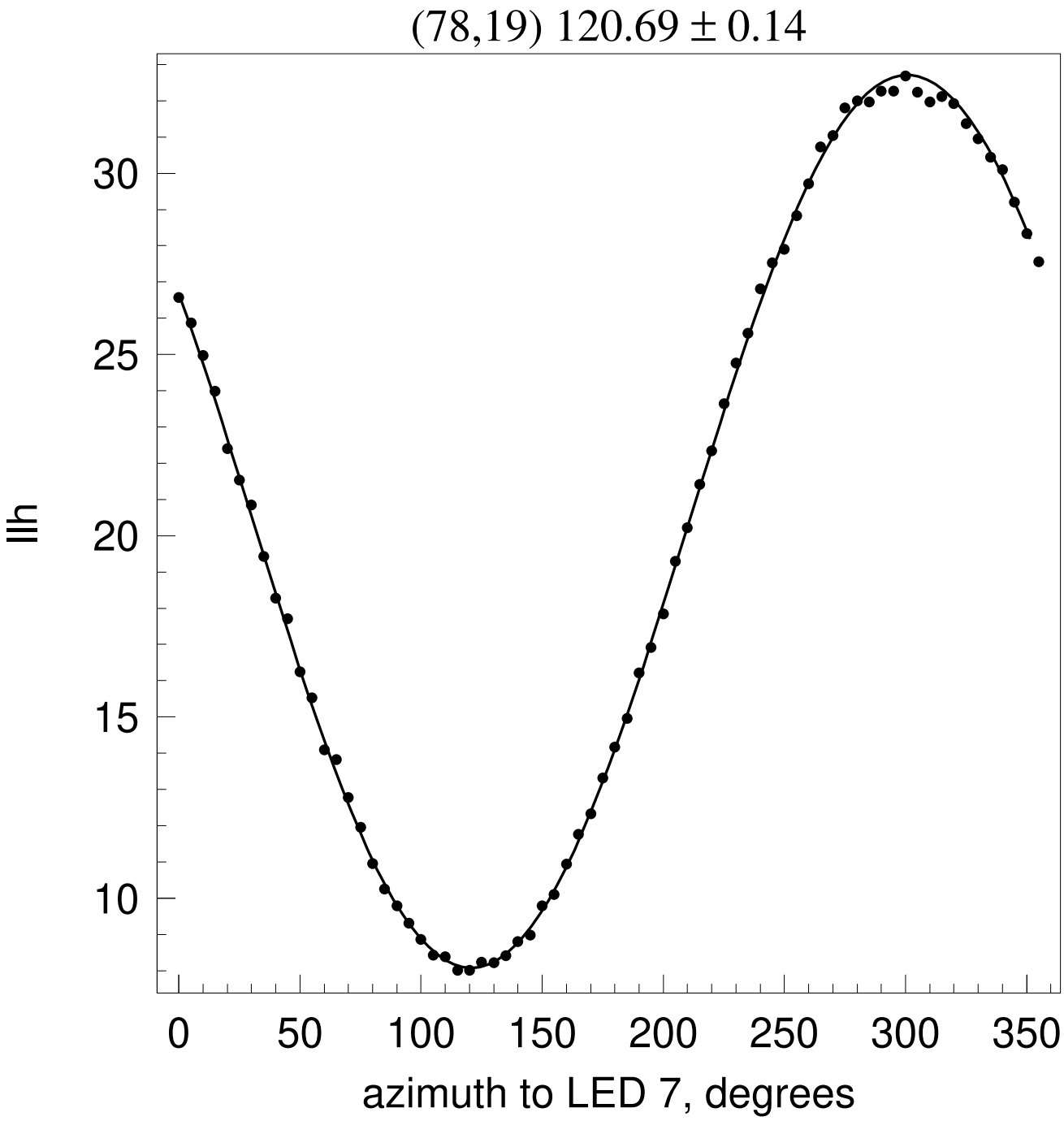

(78,14) 91.15 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

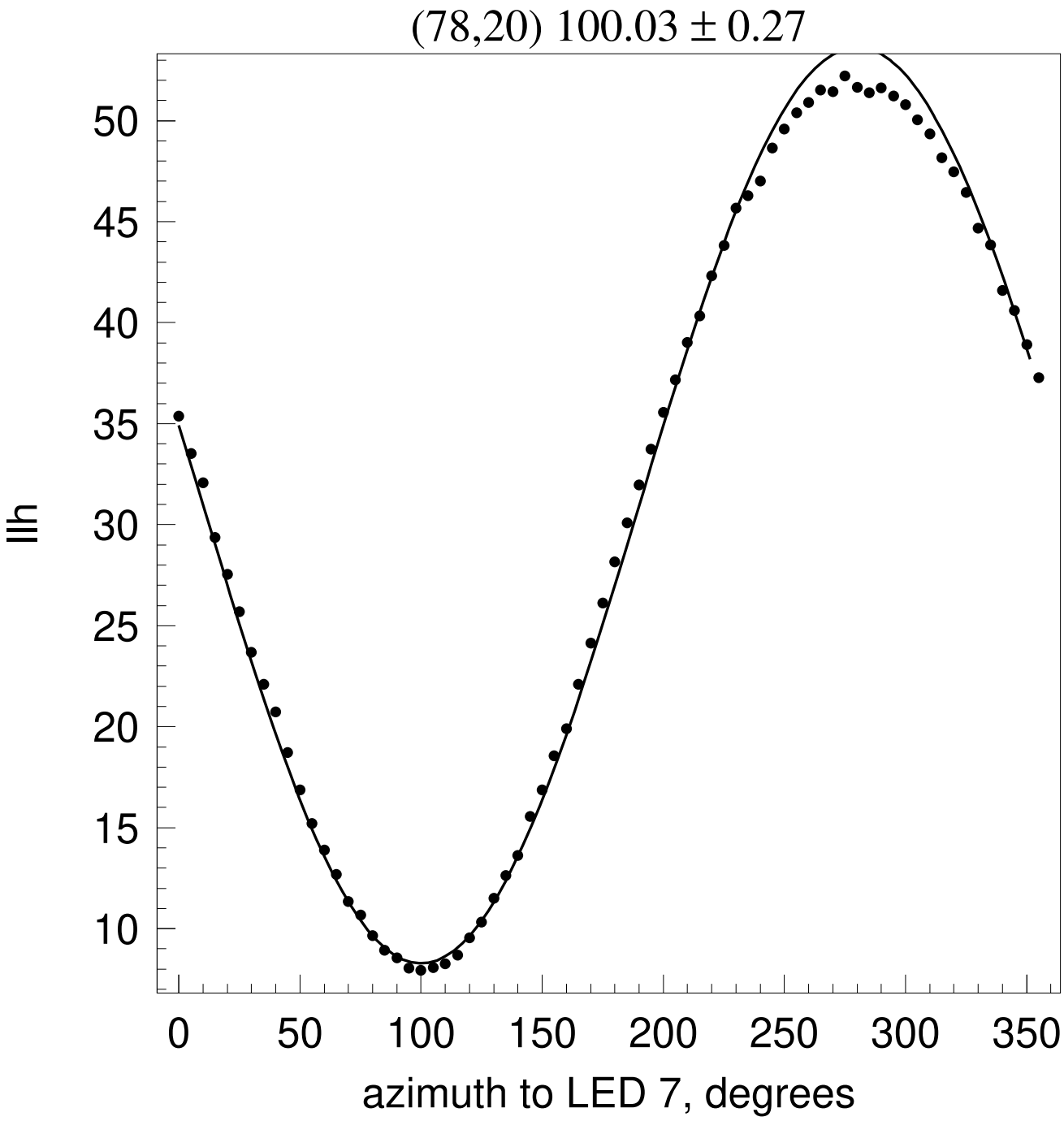

(78,15) 0.12 ± 0.31
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

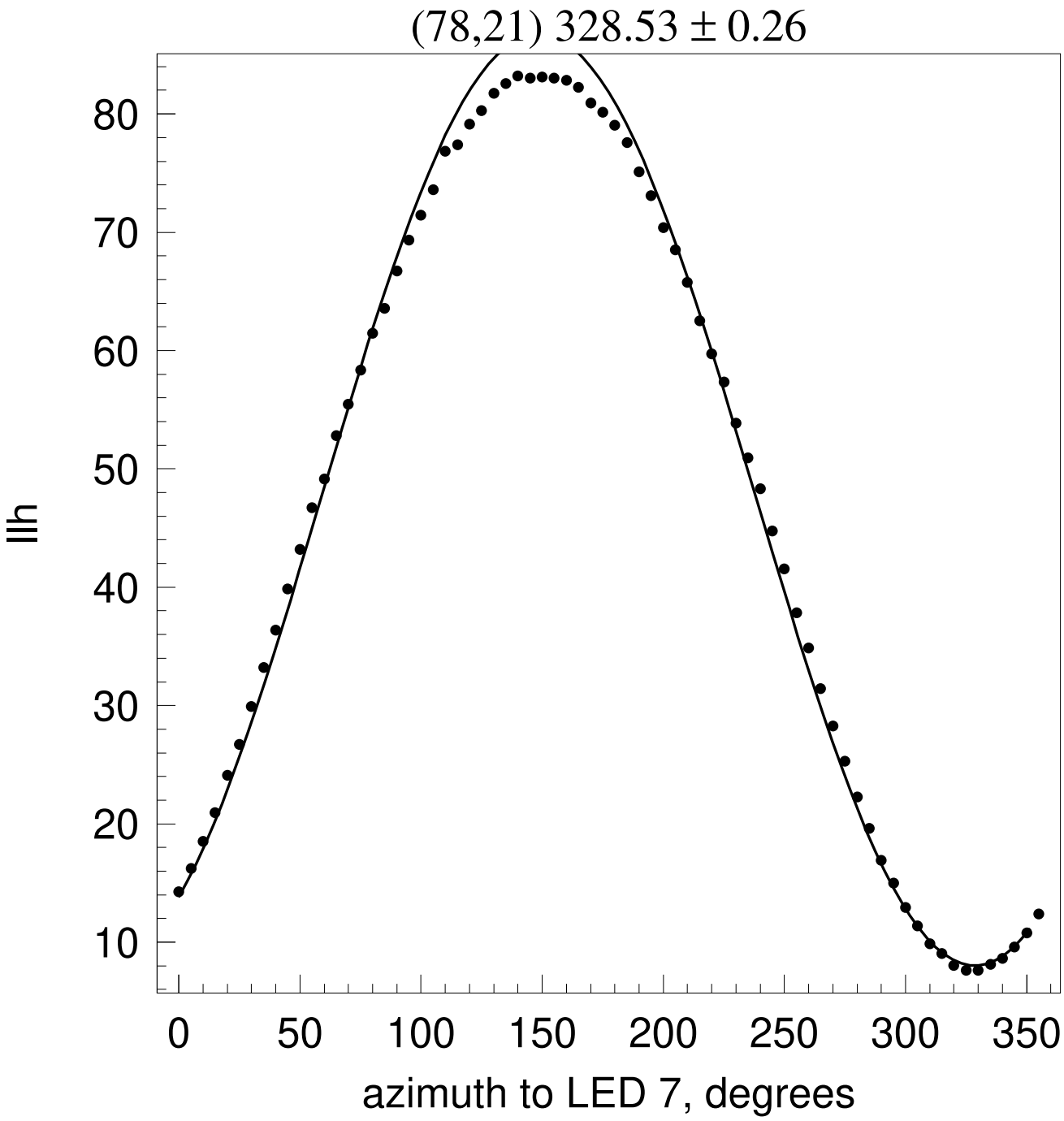

(78,16) 63.44 ± 0.22
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

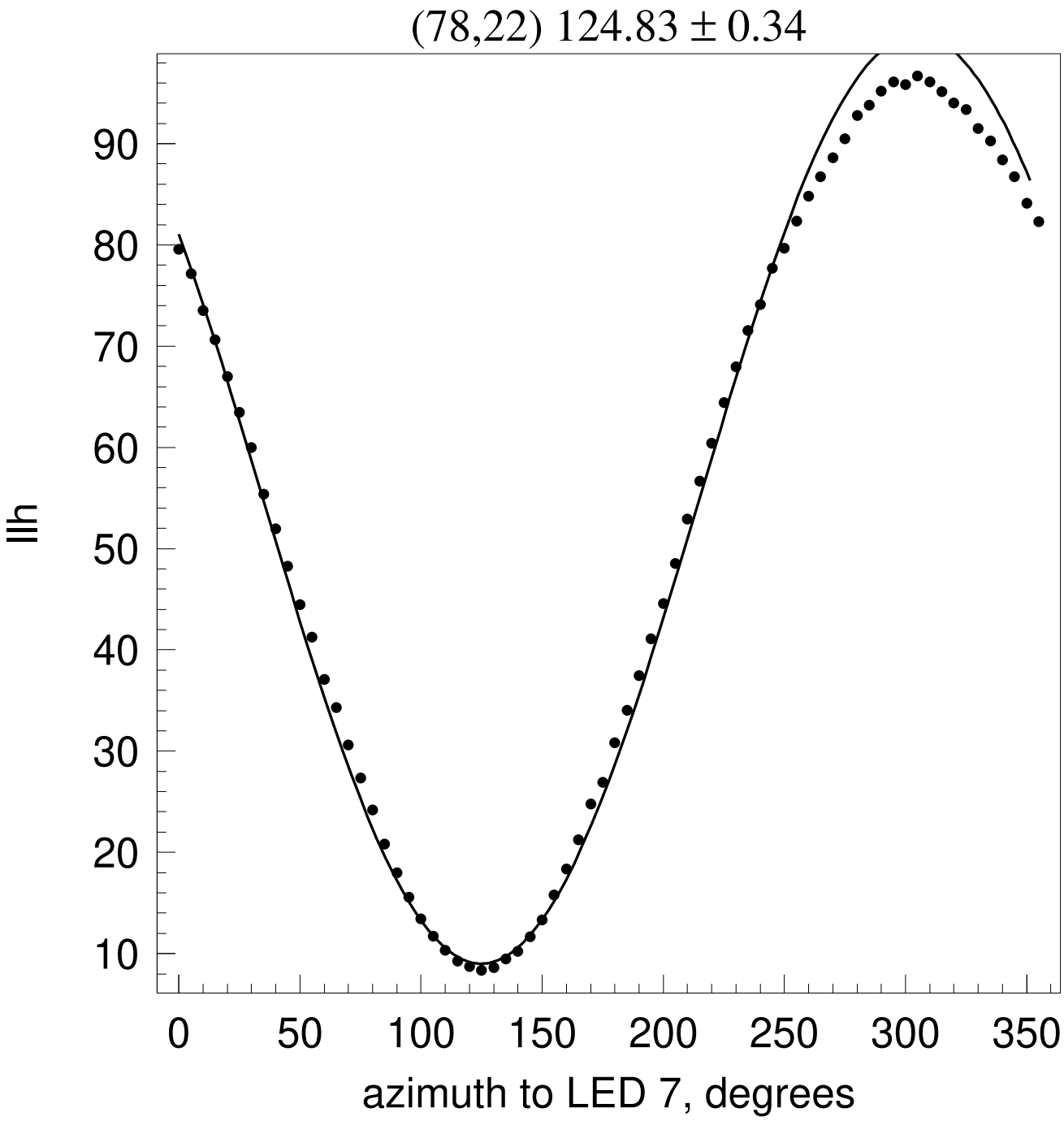

(78,17) 96.91 ± 0.22
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

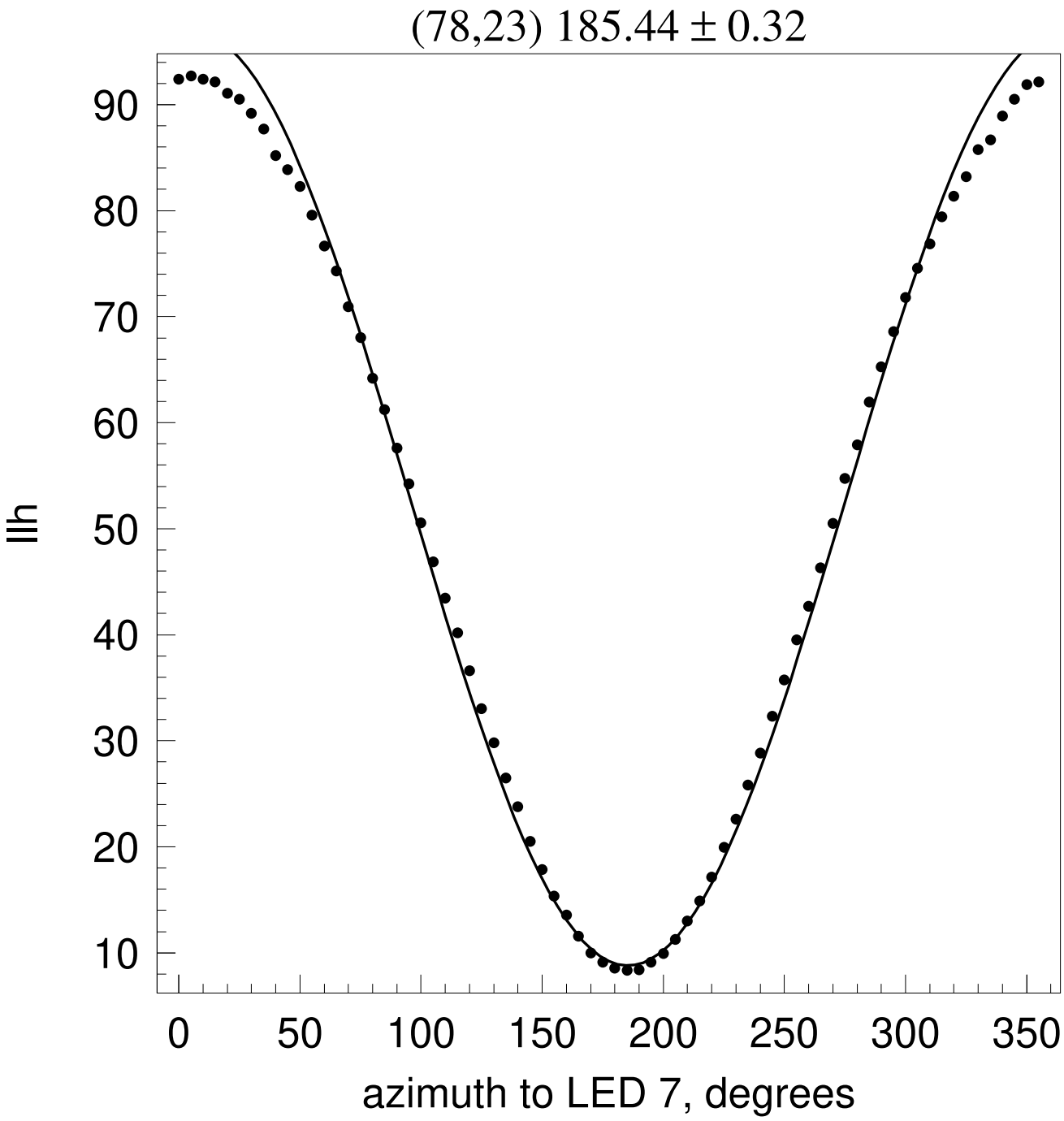

(78,18) 265.00 ± 0.18
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

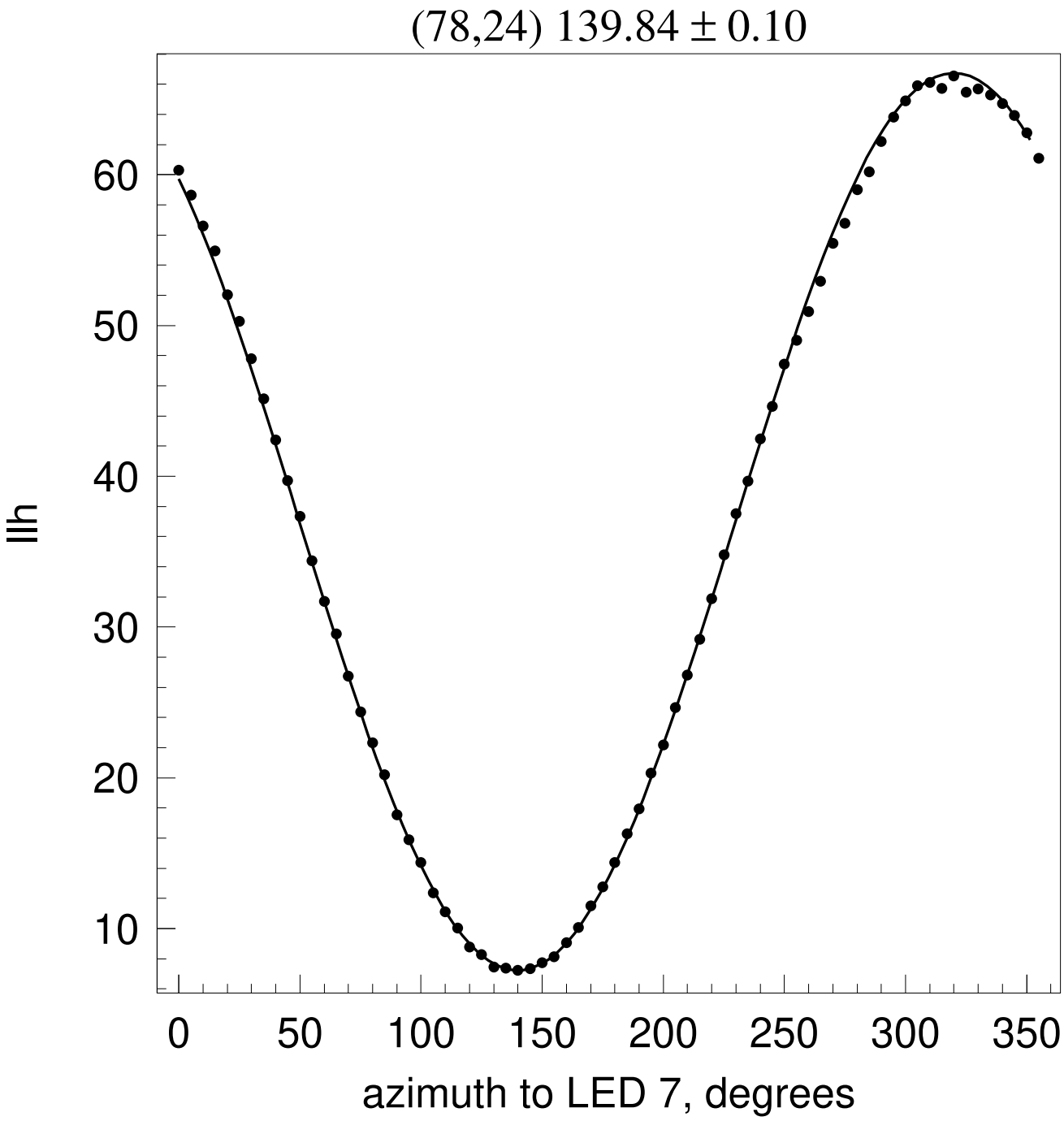

(78,19) 120.69 ± 0.14
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

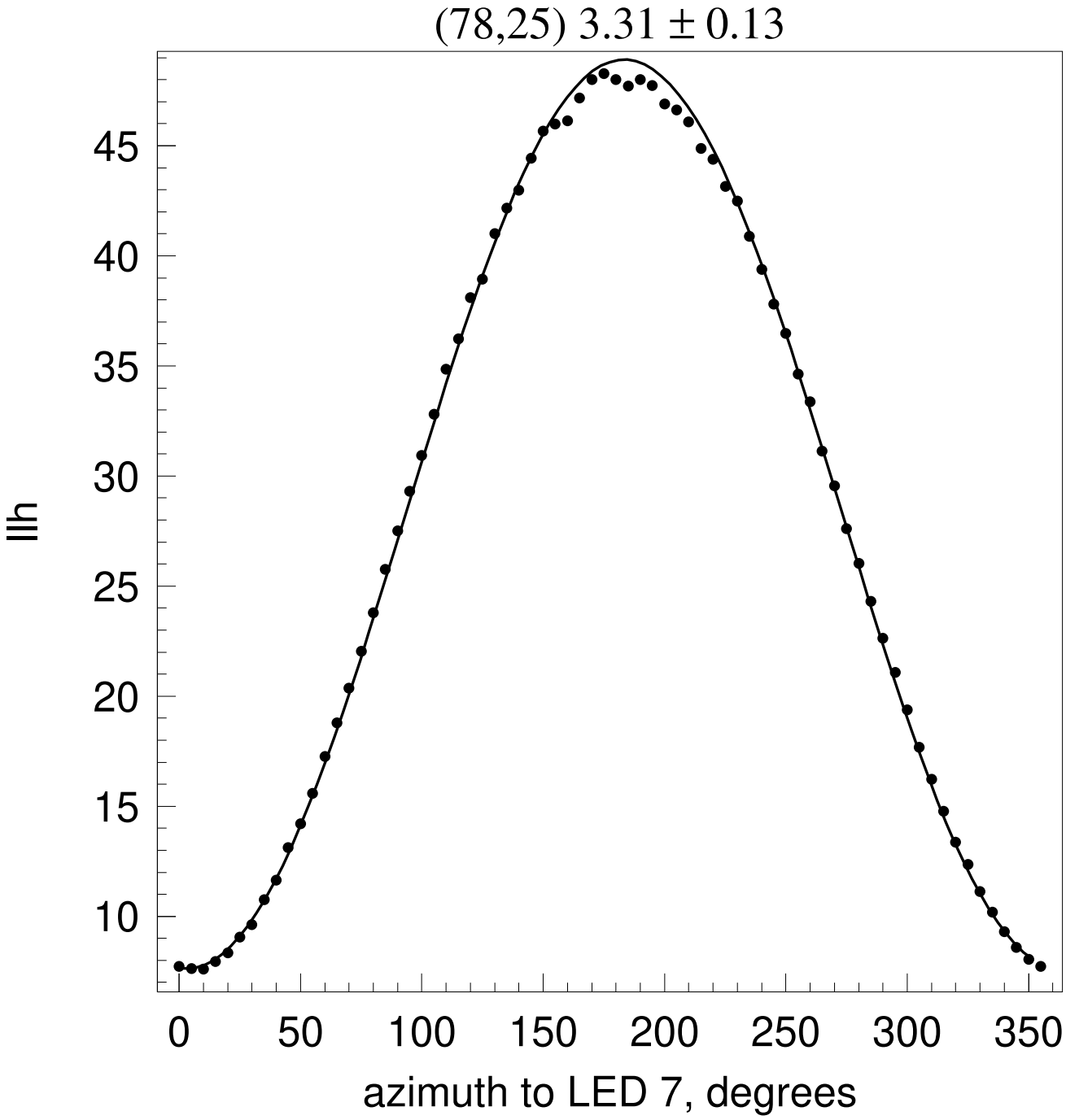

(78,20) 100.03 ± 0.27
50
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

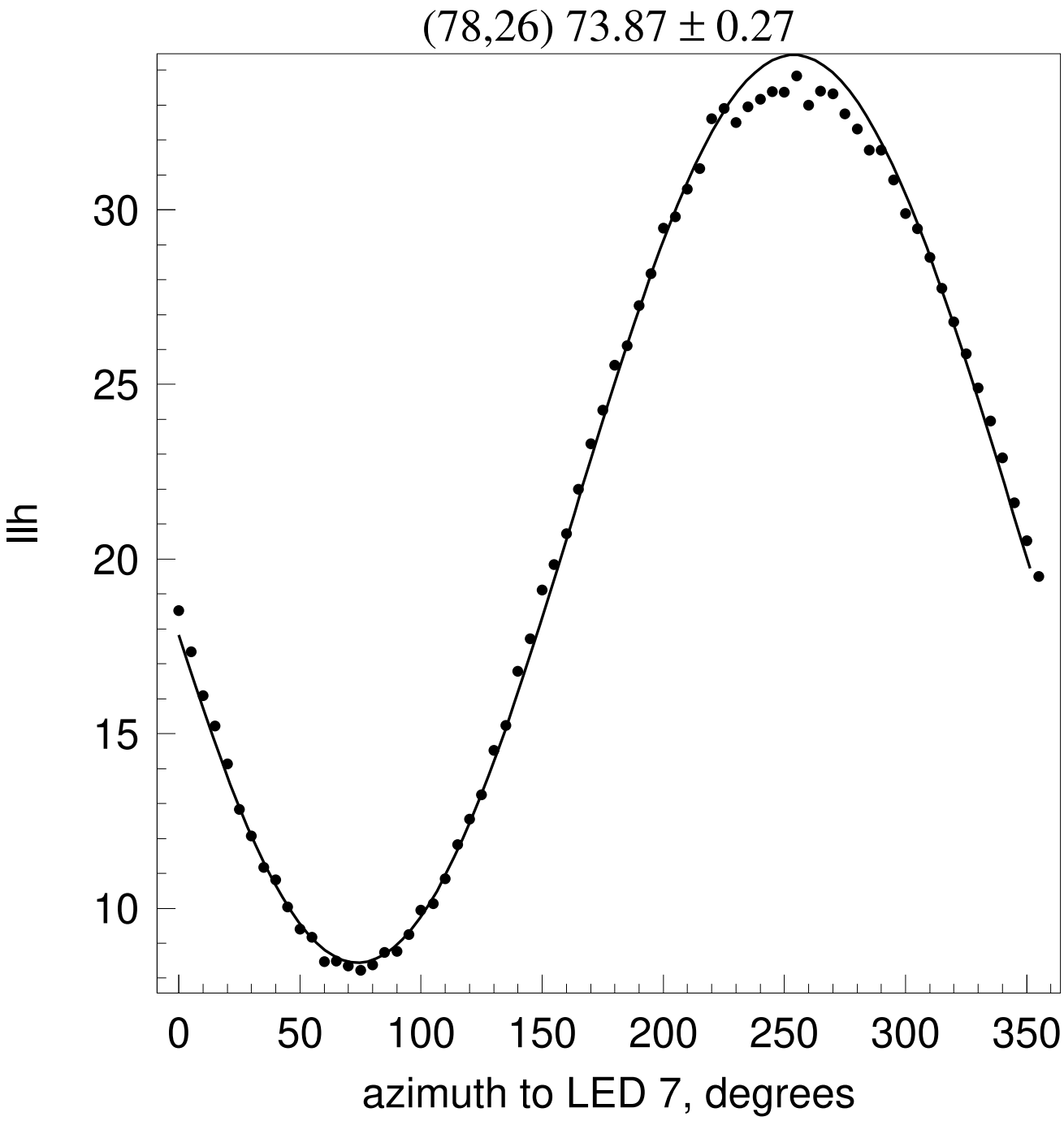

(78,21) 328.53 ± 0.26
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

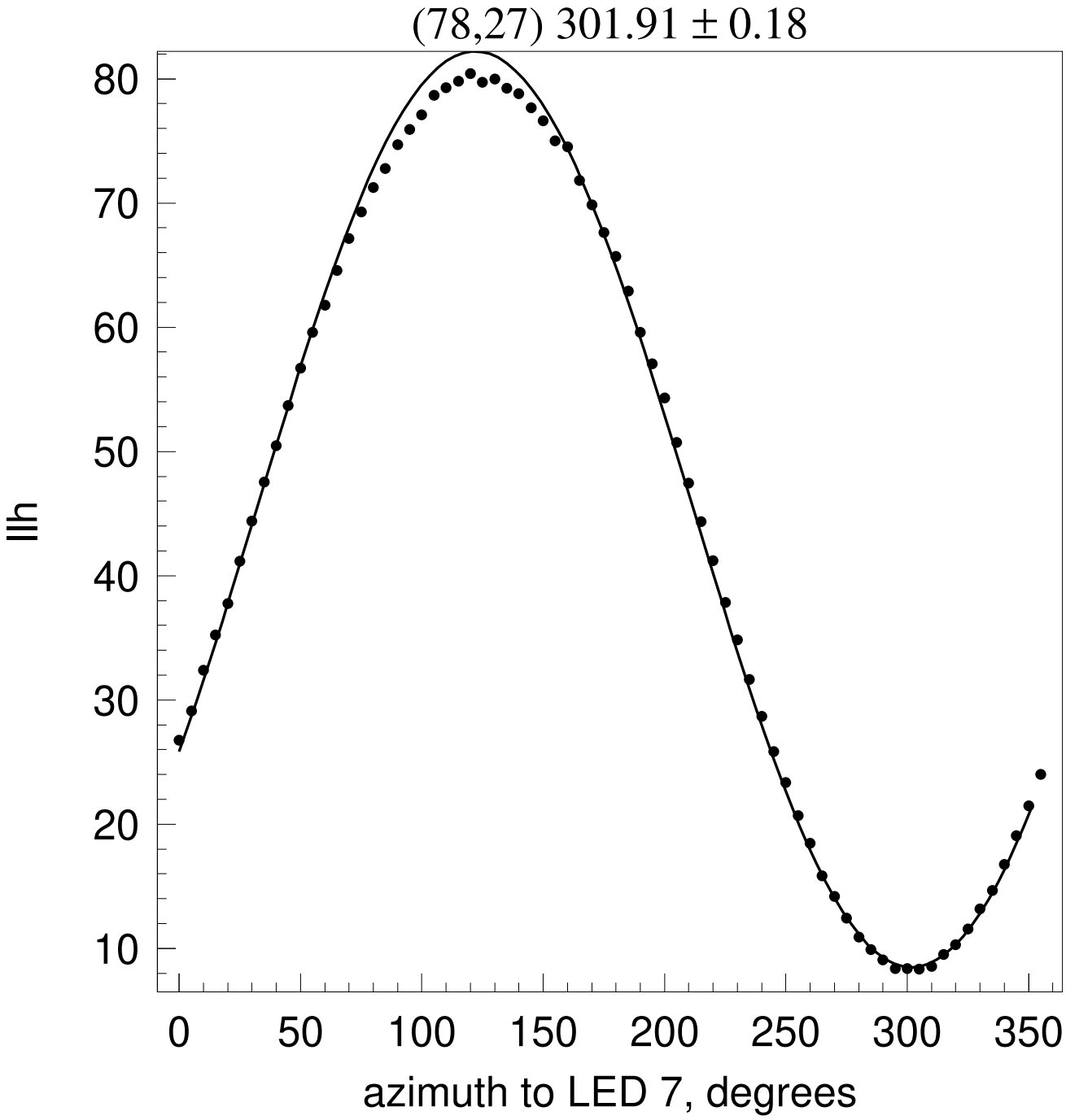

(78,22) 124.83 ± 0.34
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

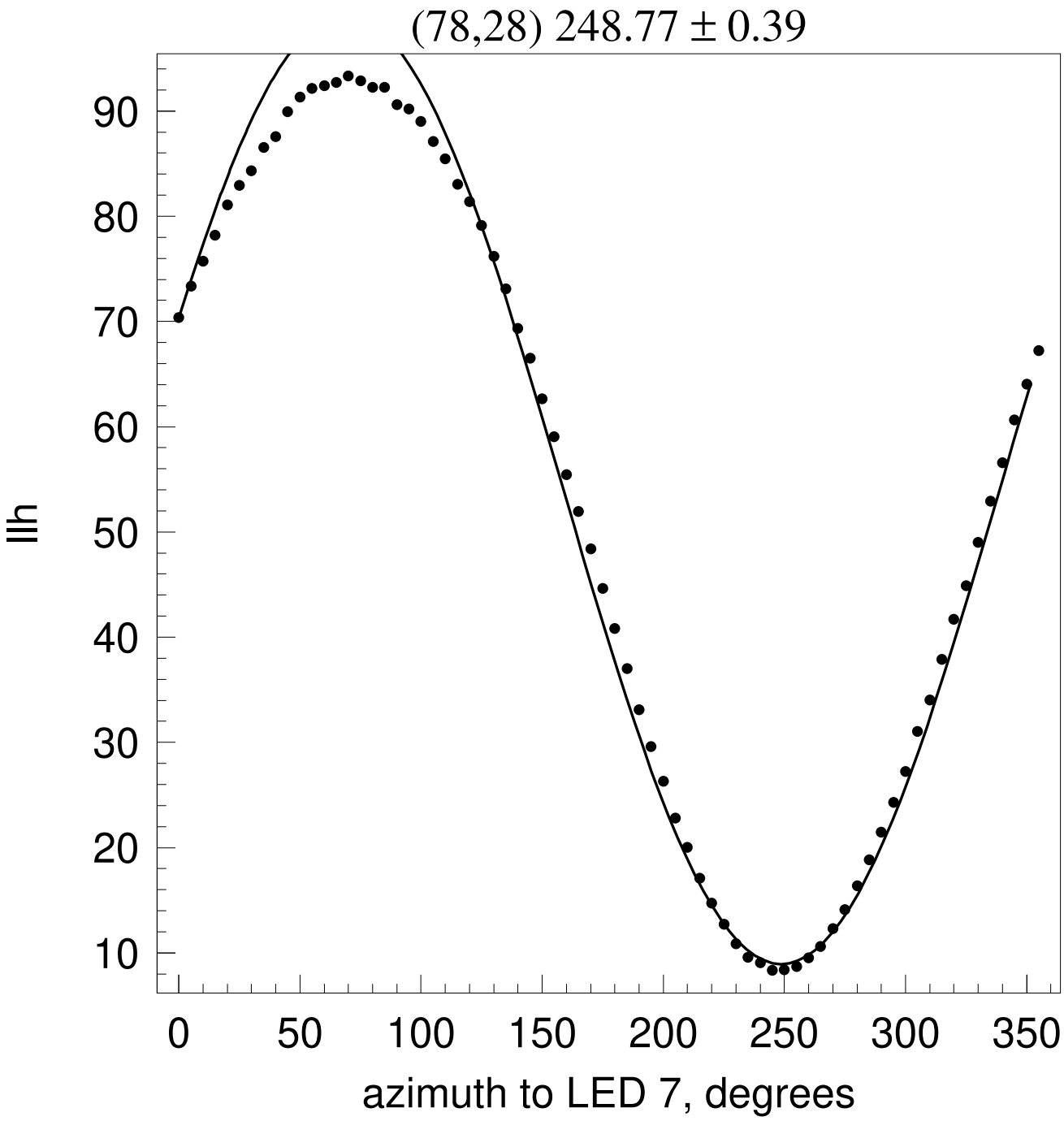

(78,23) 185.44 ± 0.32
90
80
70
60
50
40
30
20
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

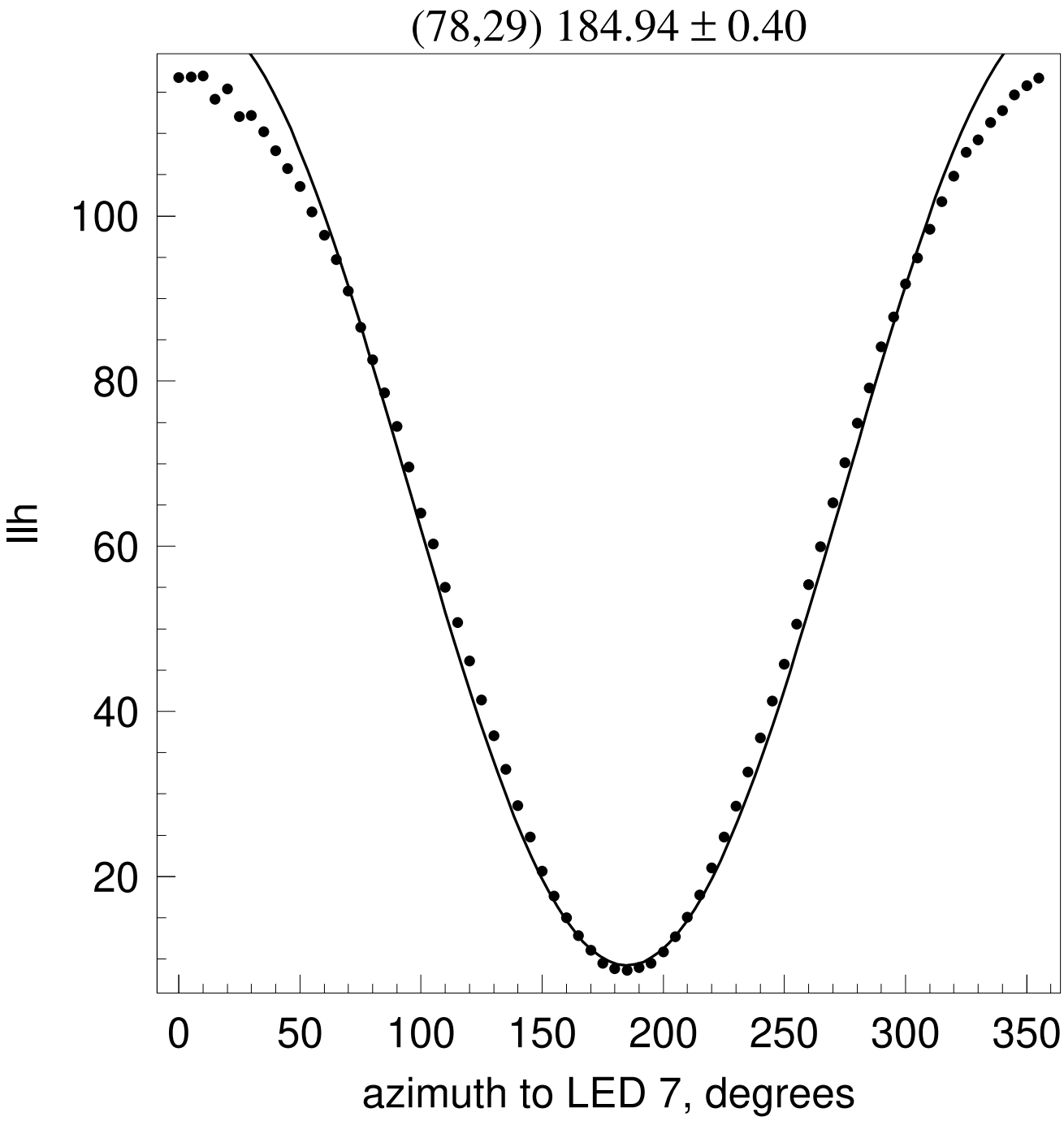

(78,24) 139.84 ± 0.10
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

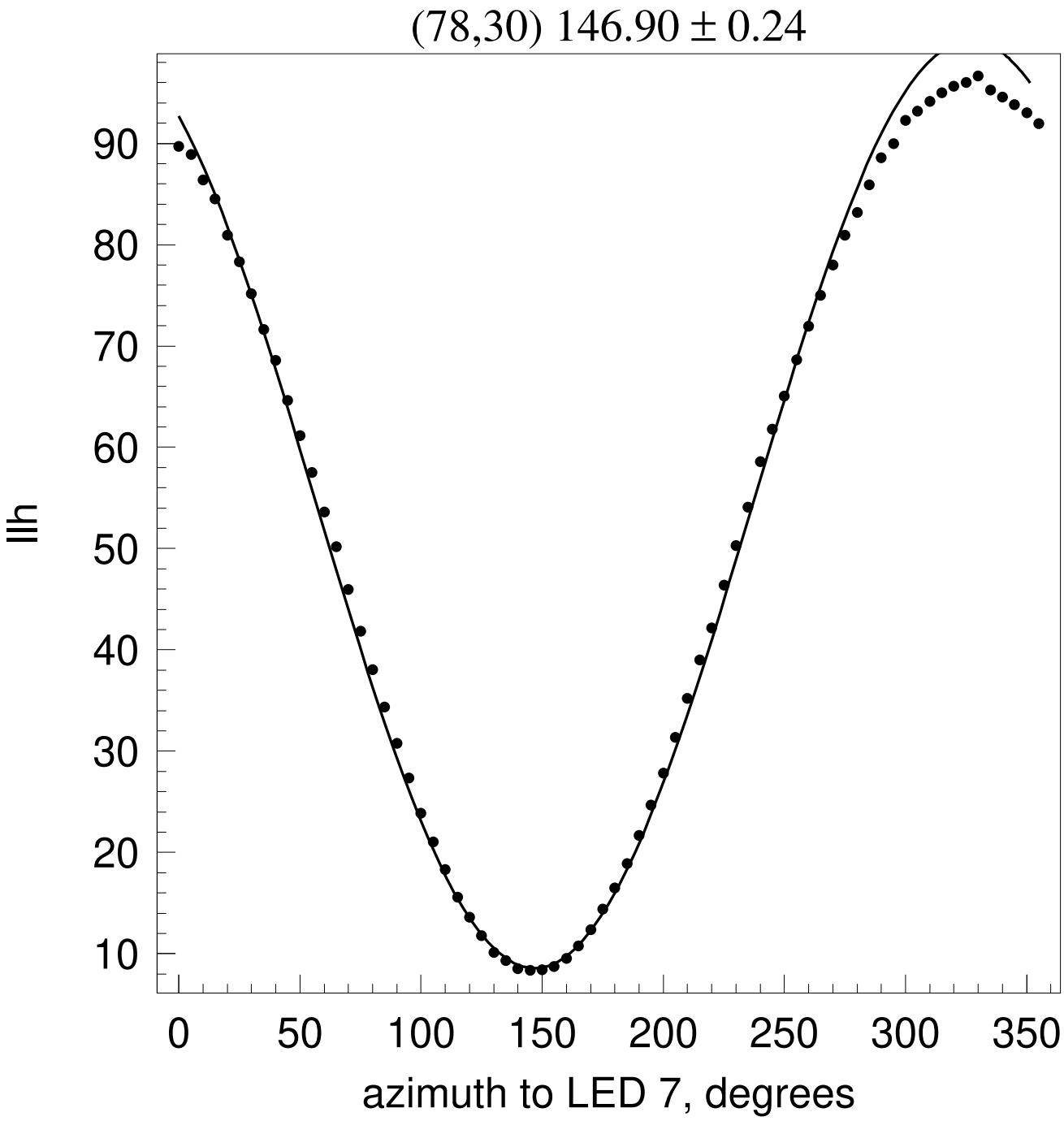

(78,25) 3.31 ± 0.13
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

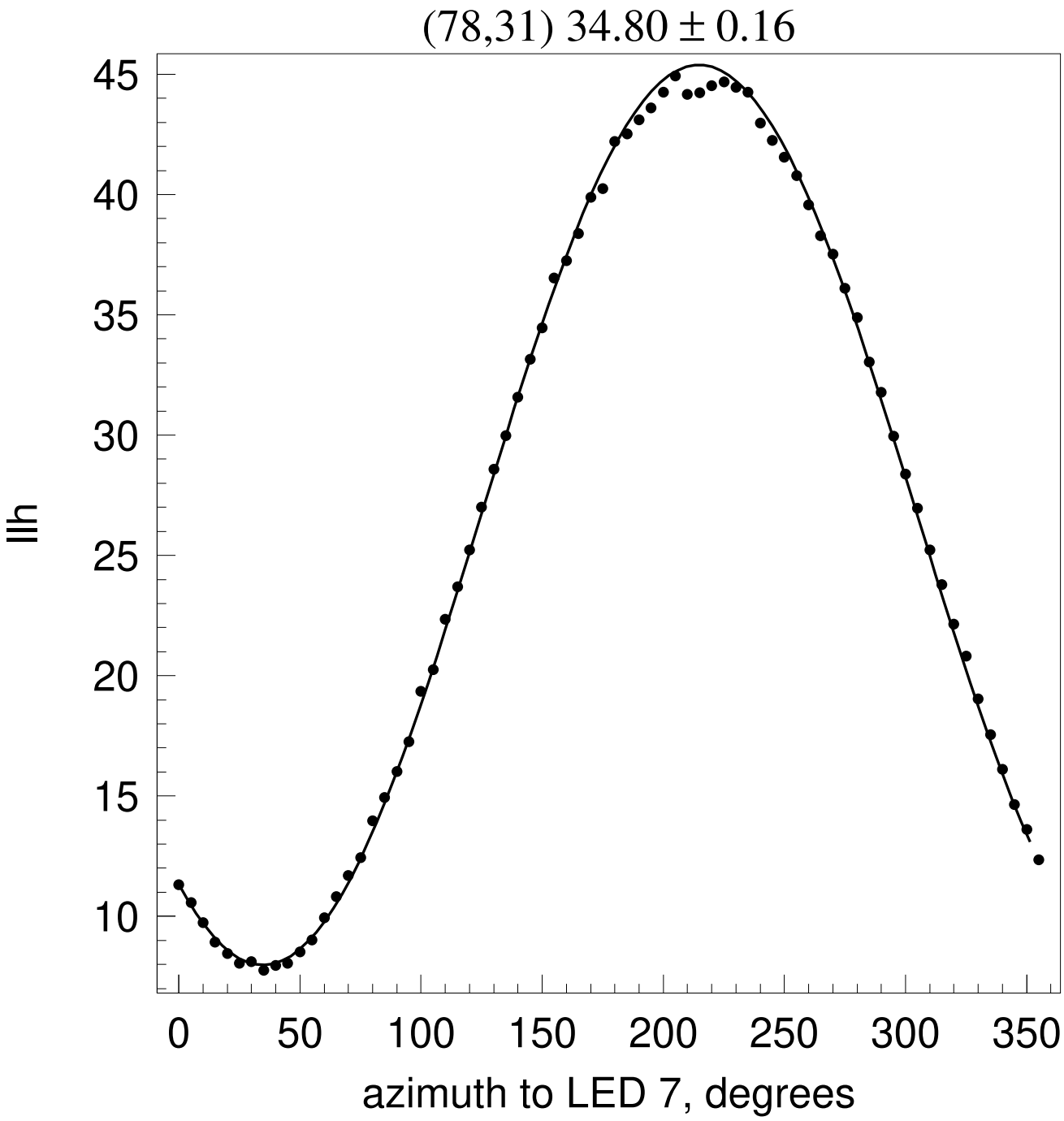

(78,26) 73.87 ± 0.27
llh
30
25
20
15
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

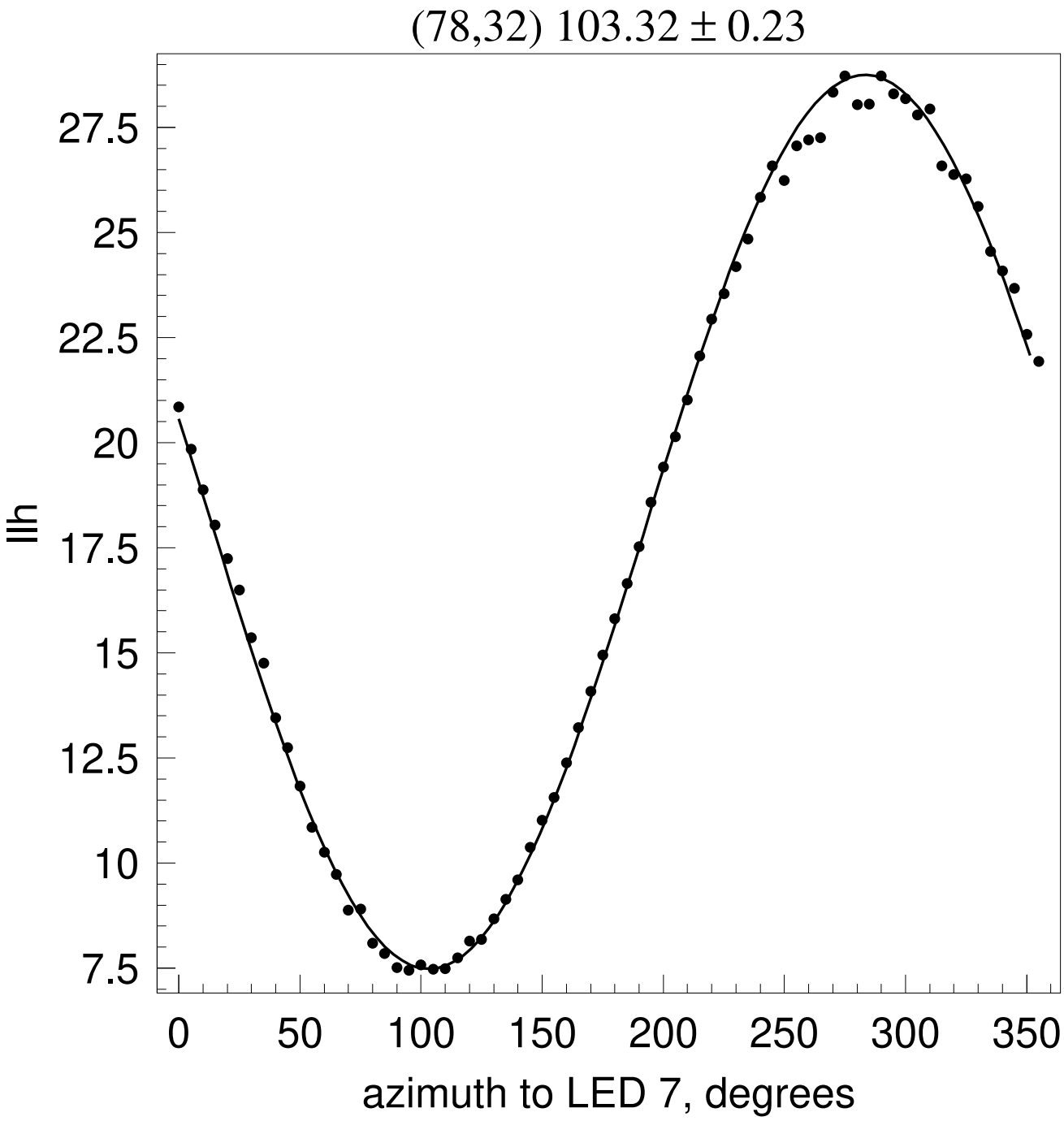

(78,27) 301.91 ± 0.18
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

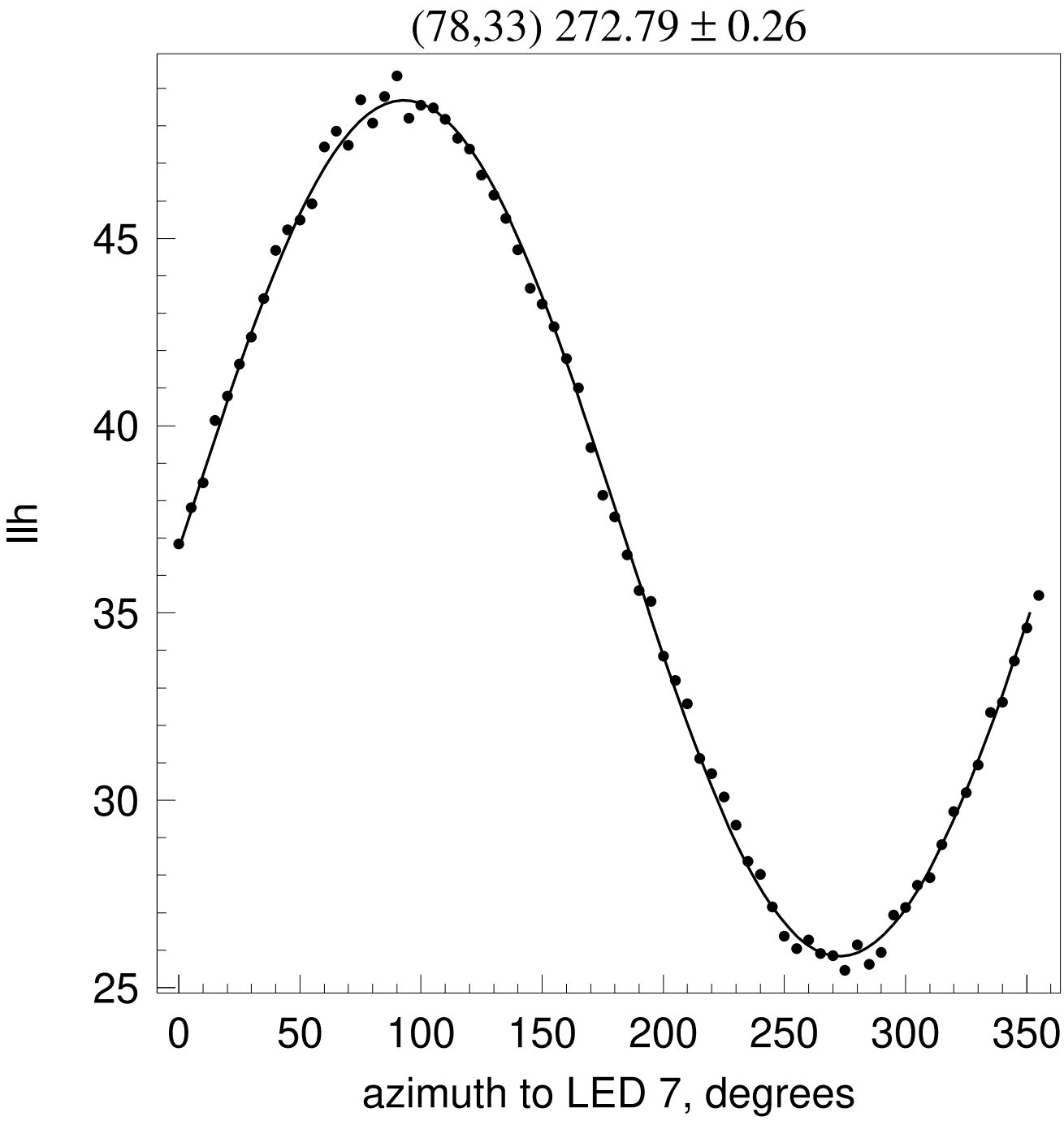

(78,28) 248.77 ± 0.39
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

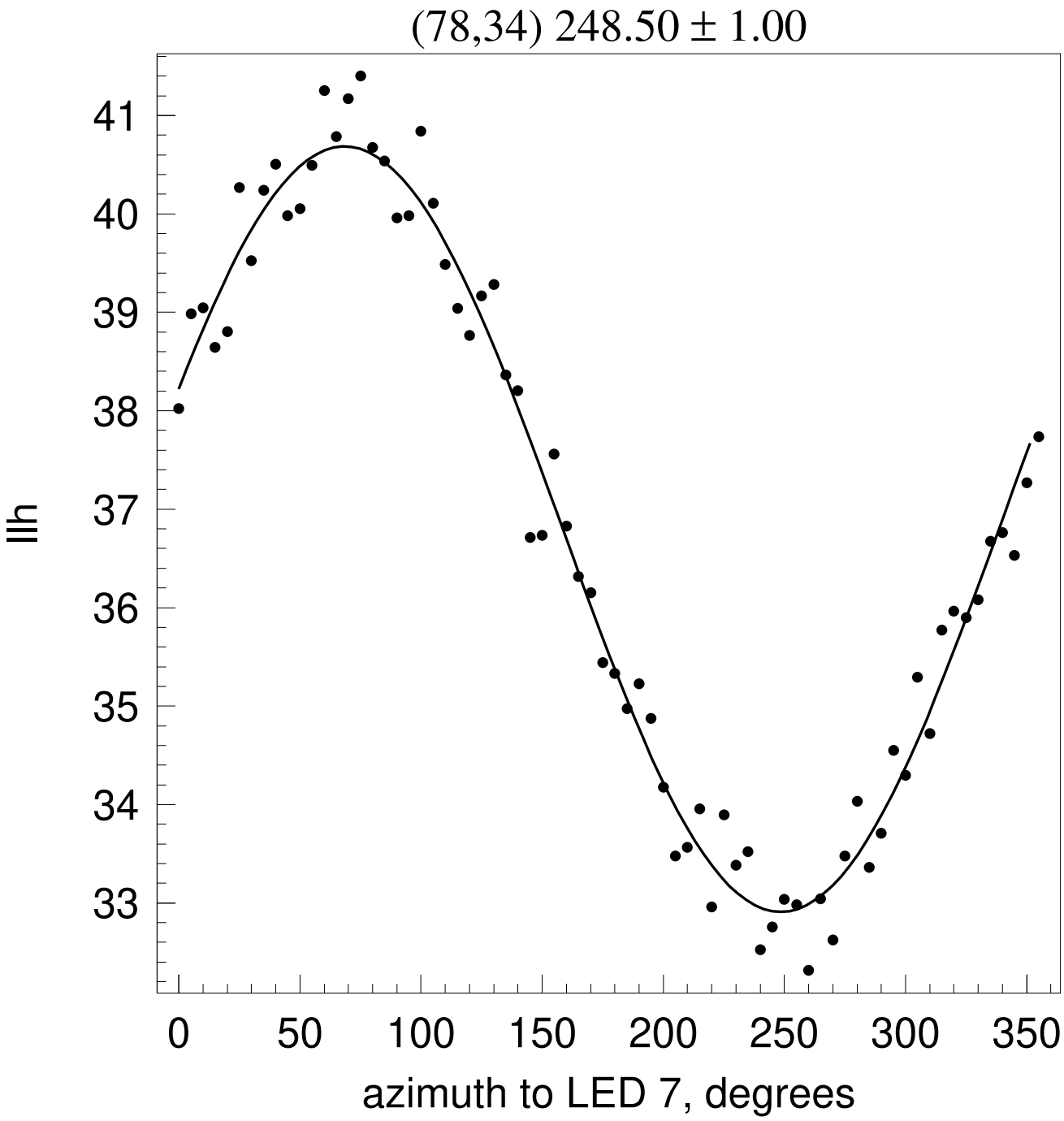

(78,29) 184.94 ± 0.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

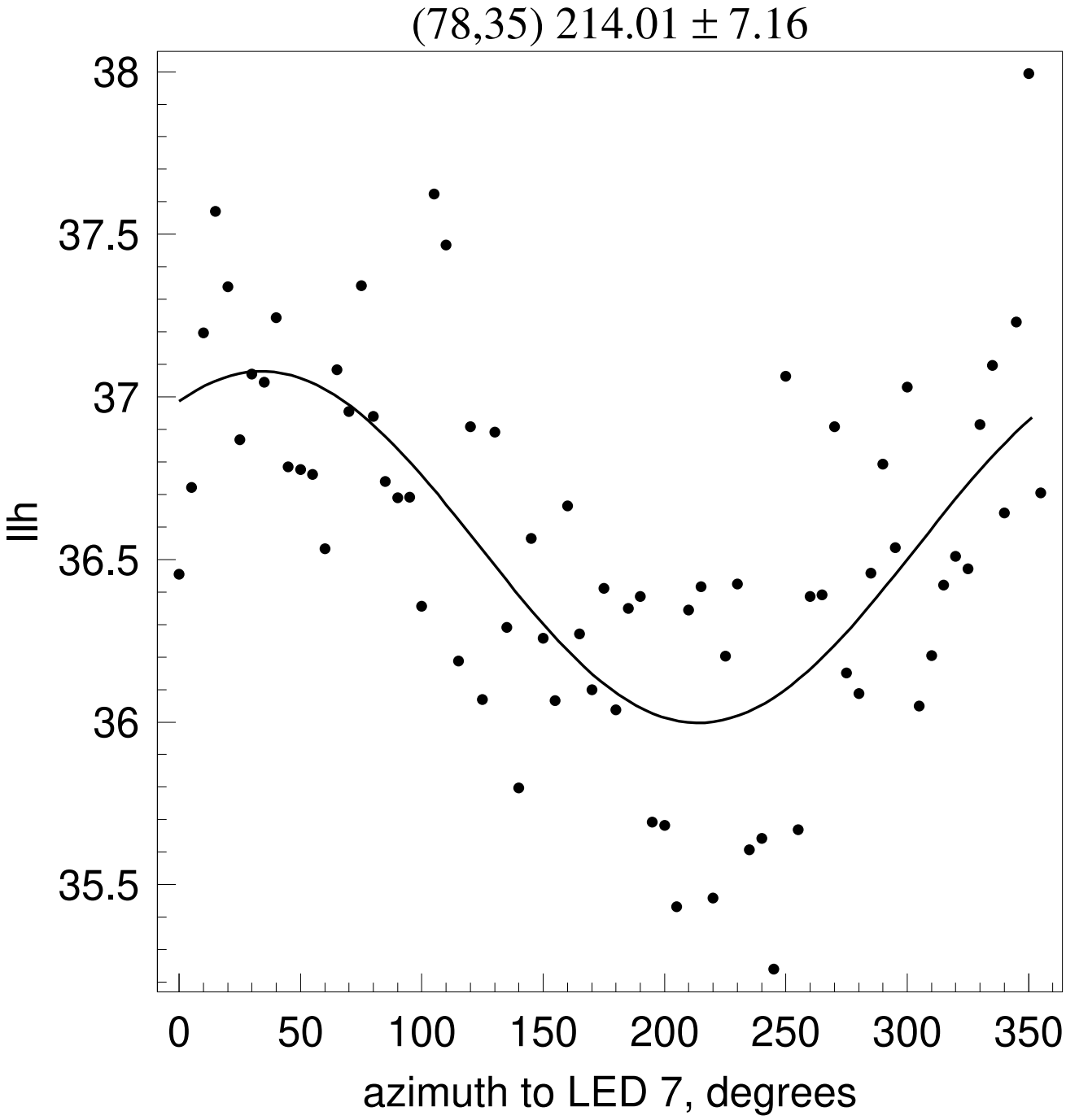

(78,30) 146.90 ± 0.24
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

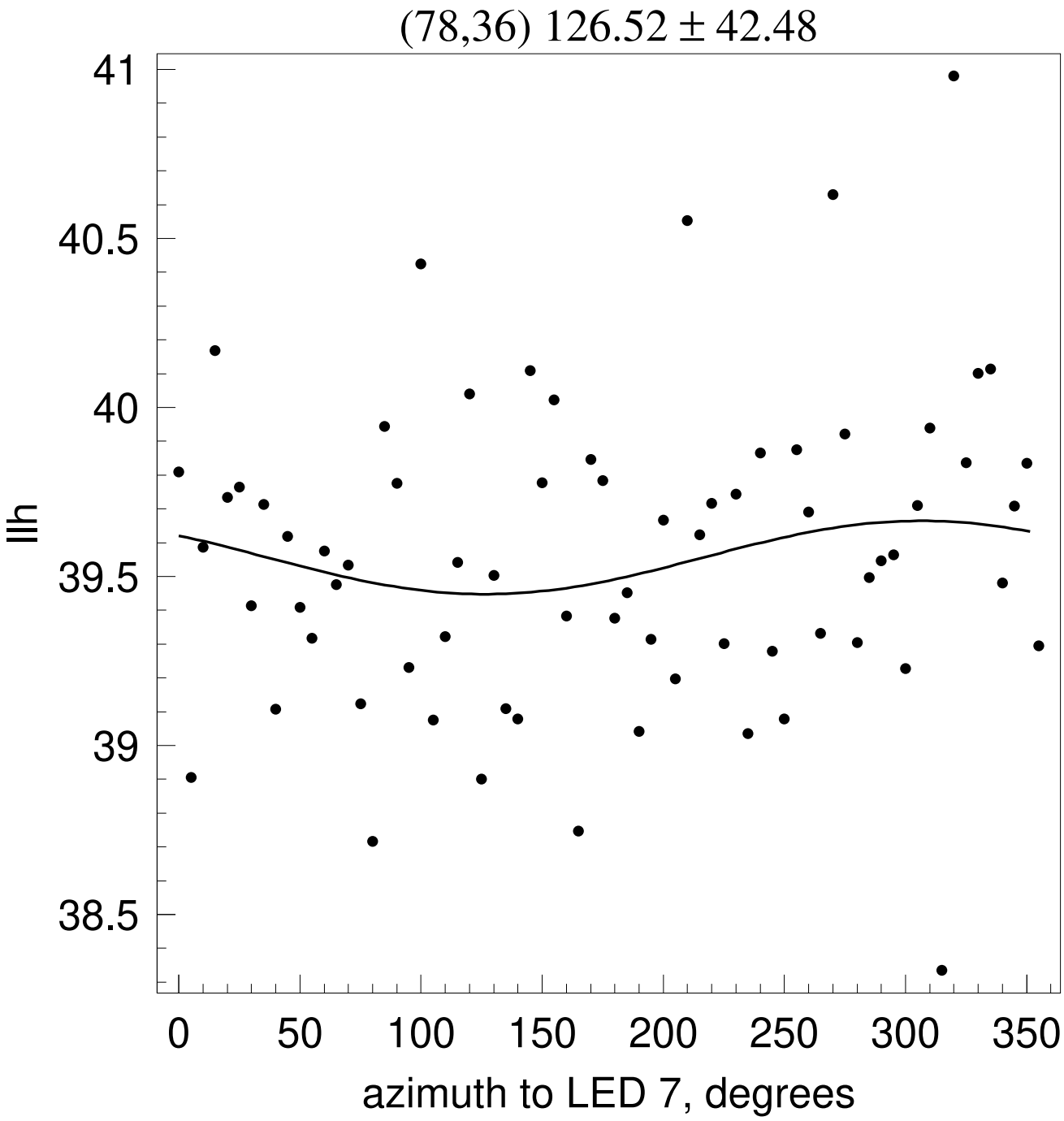

(78,31) 34.80 ± 0.16
45
40
35
30
25
20
15
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

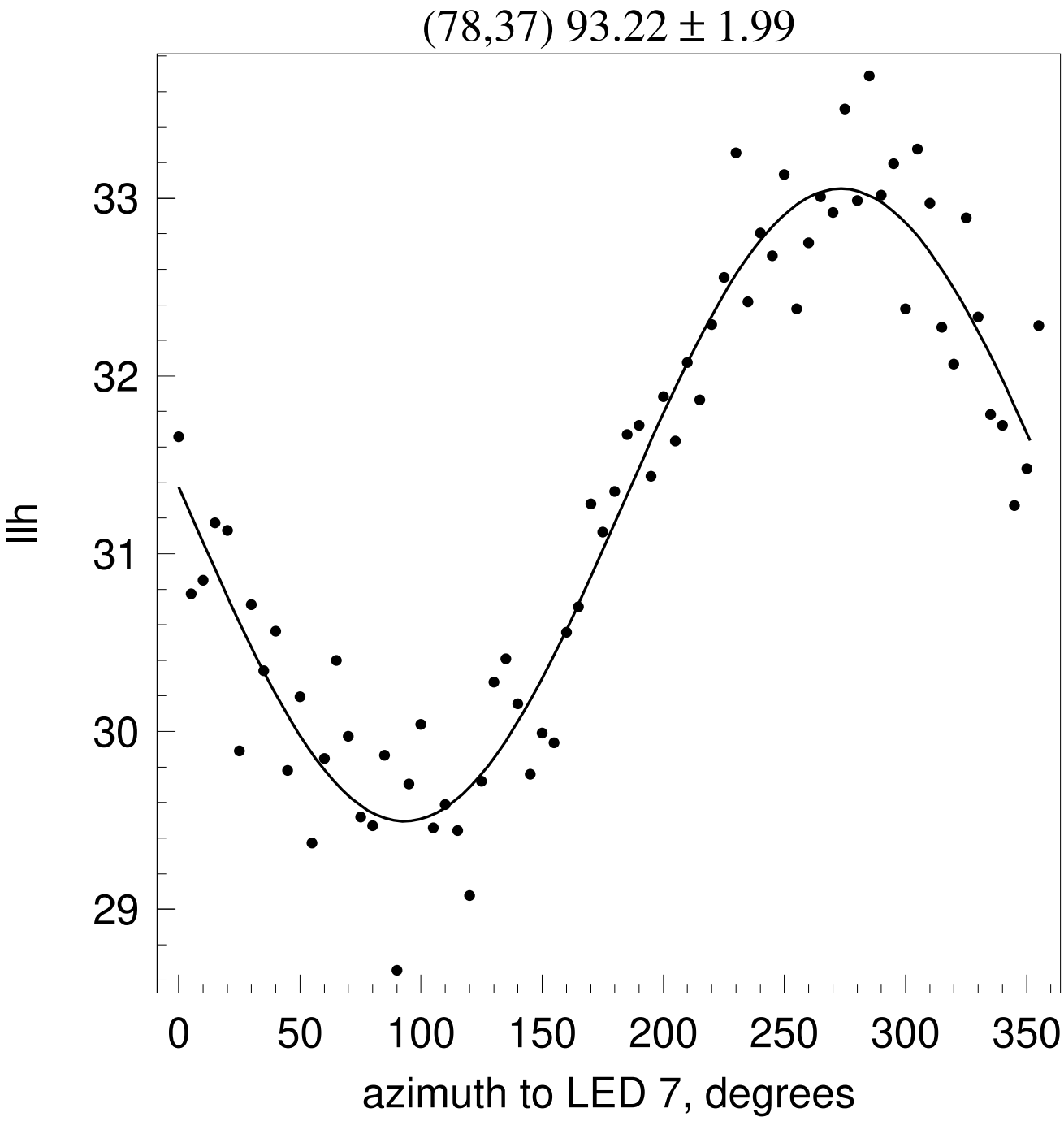

(78,32) 103.32 ± 0.23
27.5
25
22.5
20
17.5
15
12.5
10
7.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

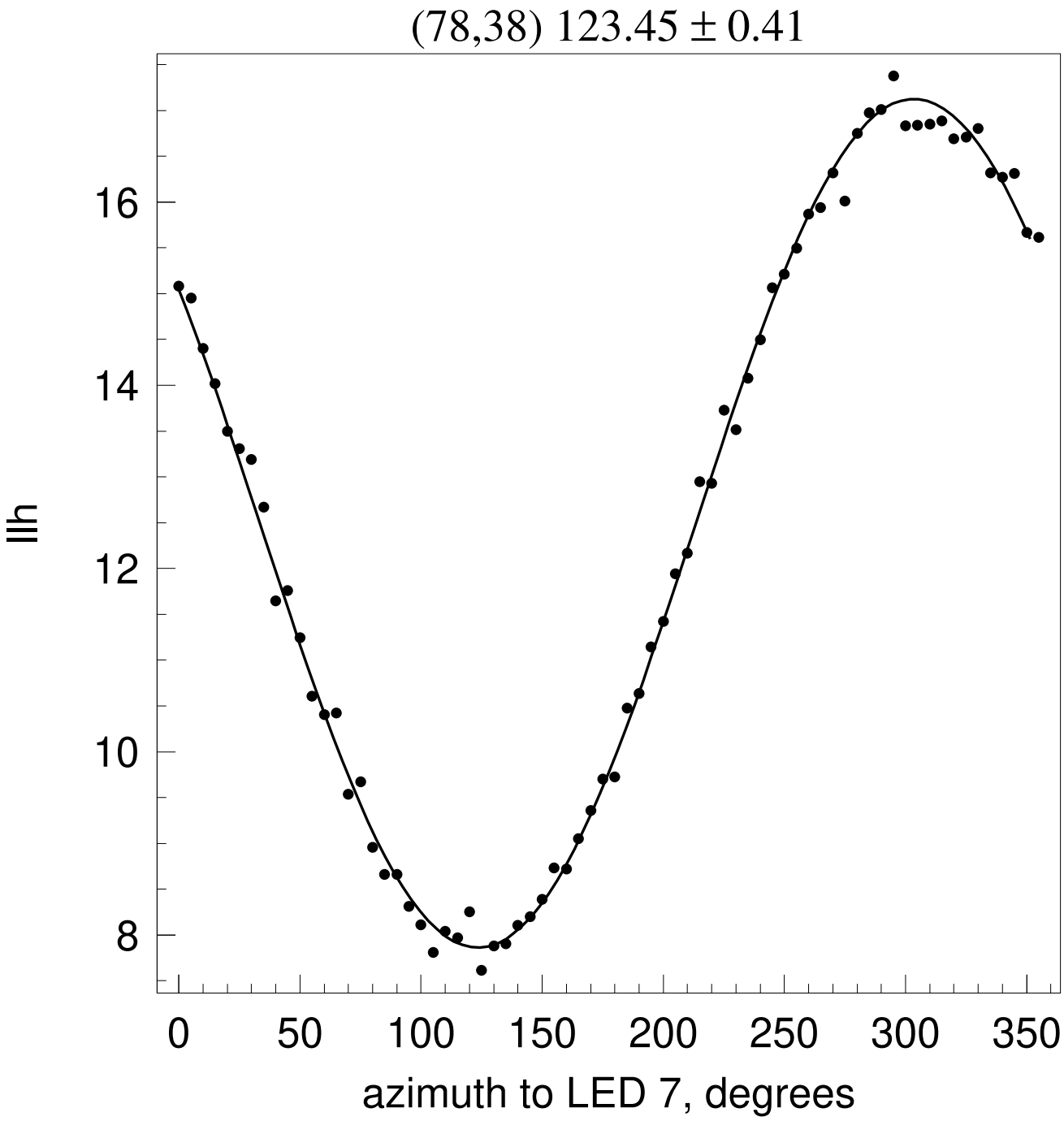

(78,33) 272.79 ± 0.26
45
40
35
30
25
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

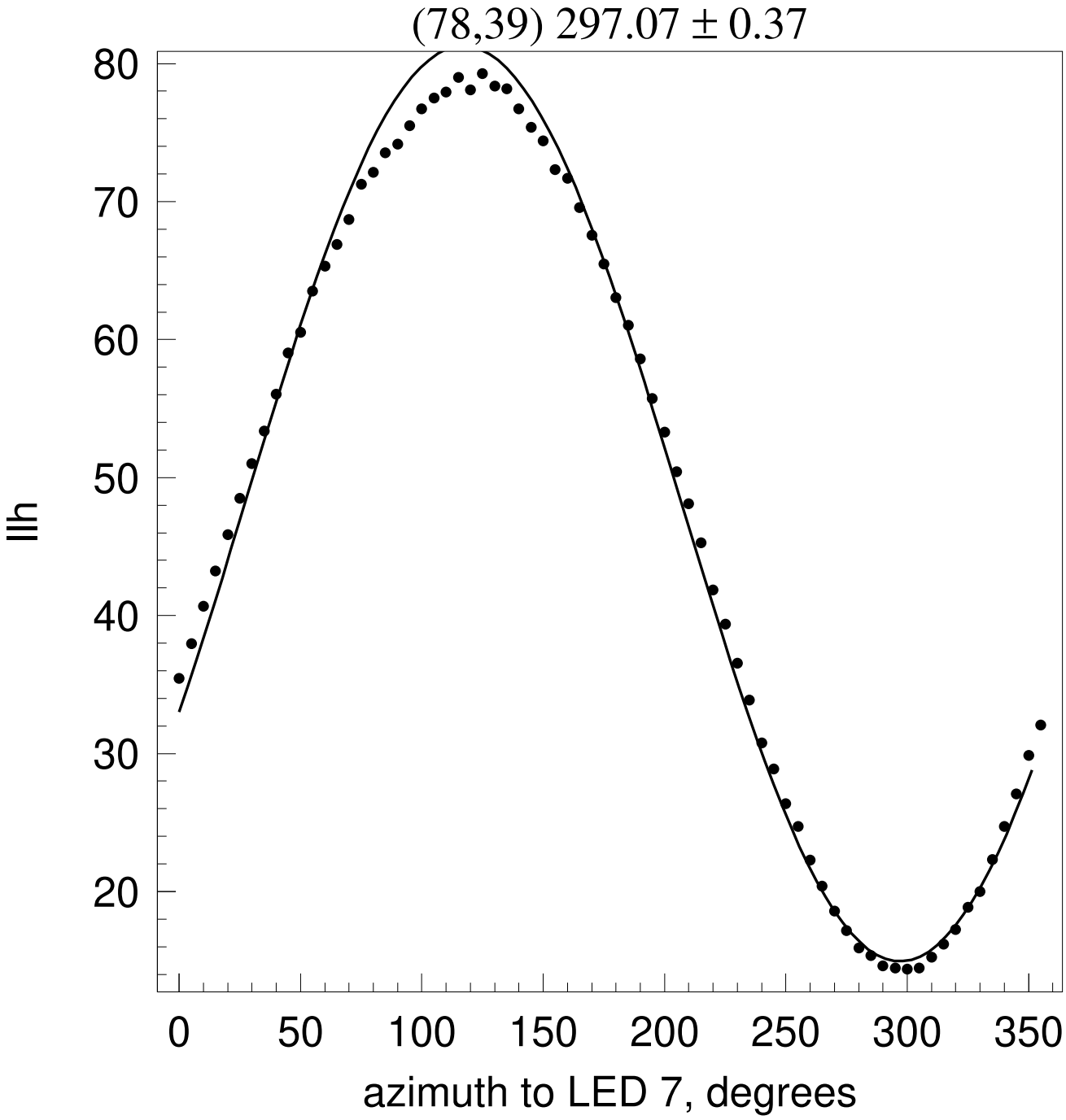

(78,34) 248.50 ± 1.00
41
40
39
38
37
36
35
34
33
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

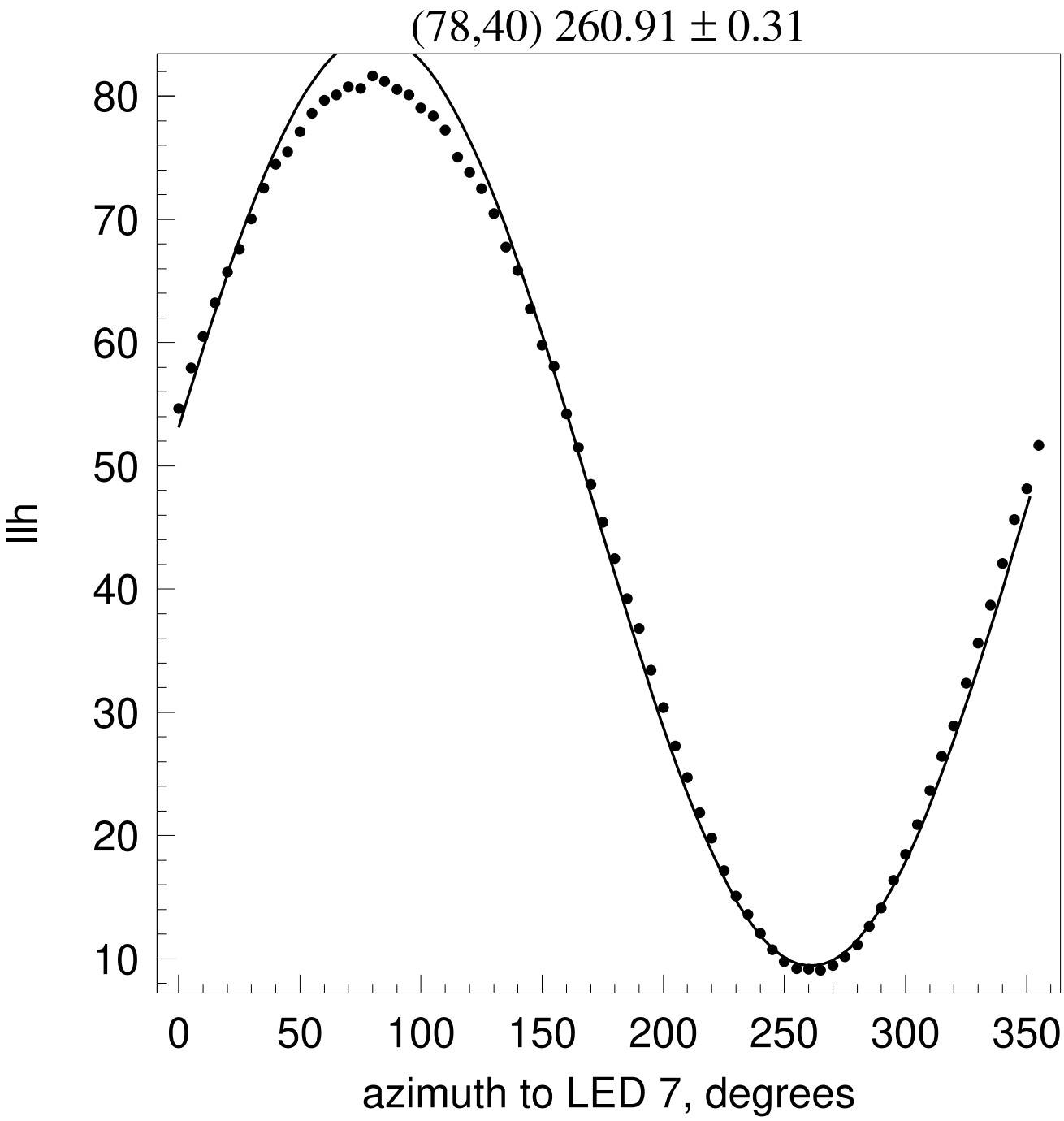

(78,35) 214.01 ± 7.16
38
37.5
37
36.5
36
35.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

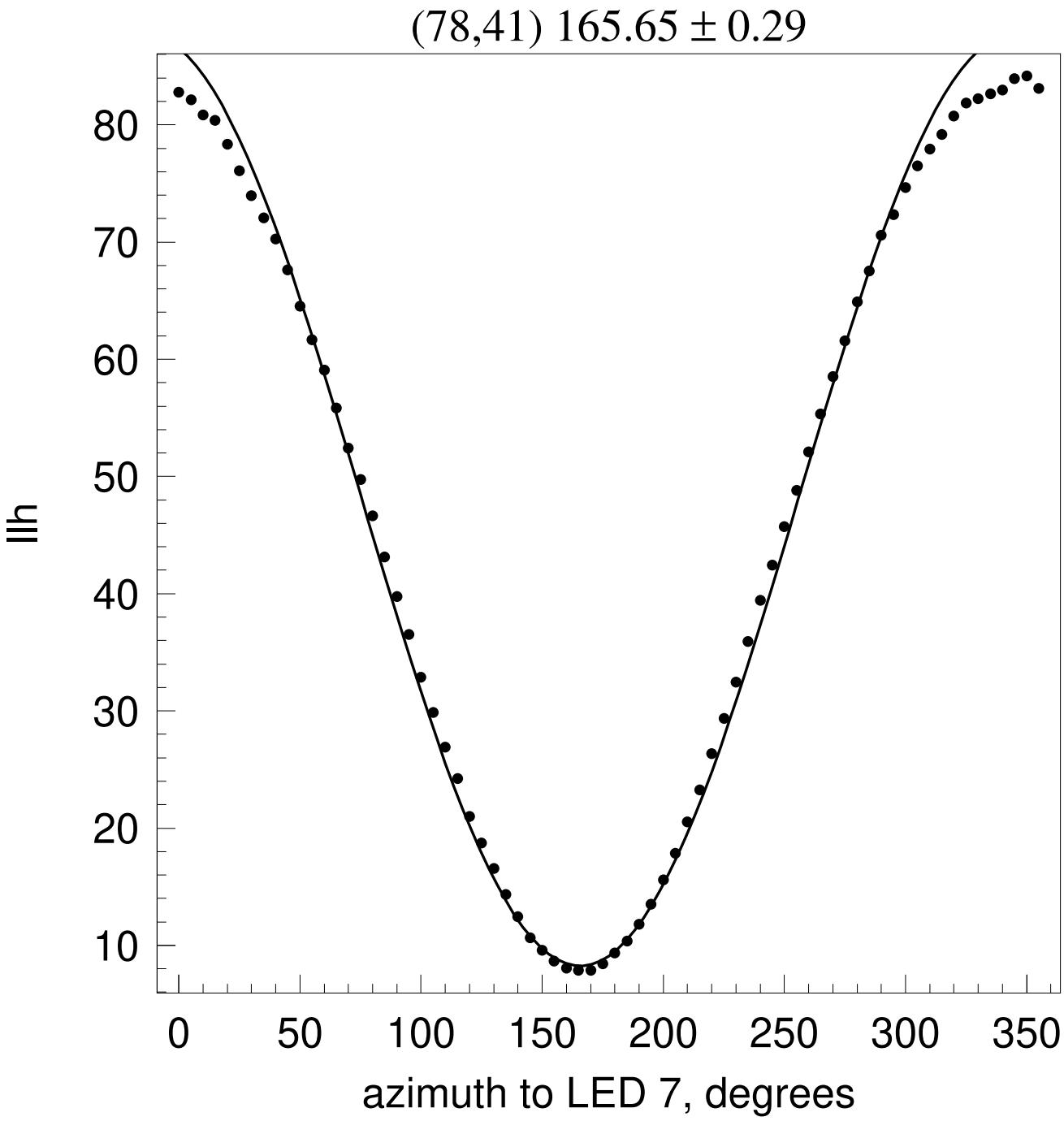

(78,36) 126.52 ± 42.48
41
40.5
40
39.5
39
38.5
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

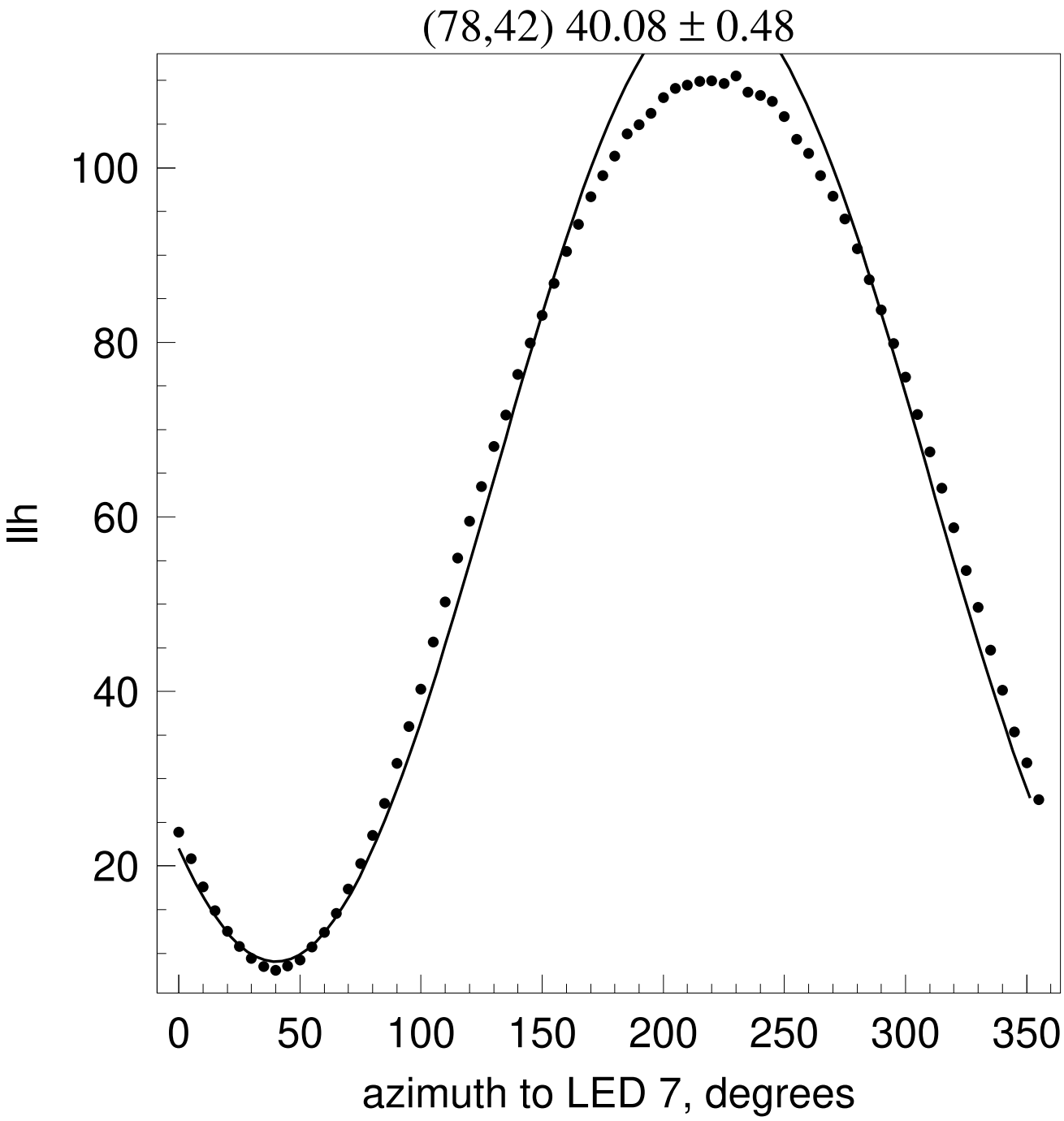

(78,37) 93.22 ± 1.99
33
32
31
30
29
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

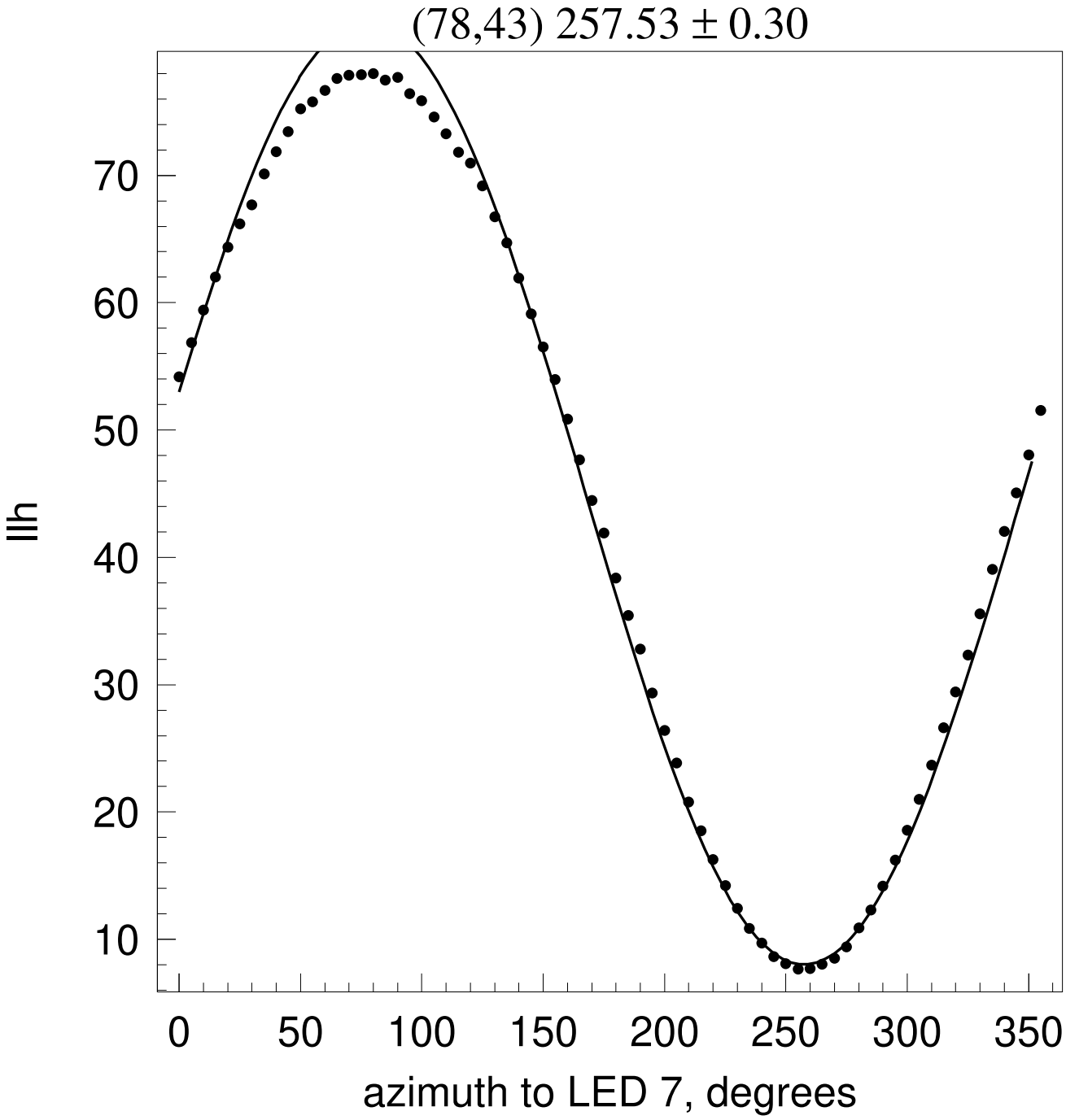

(78,38) 123.45 ± 0.41
16
14
12
10
8
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

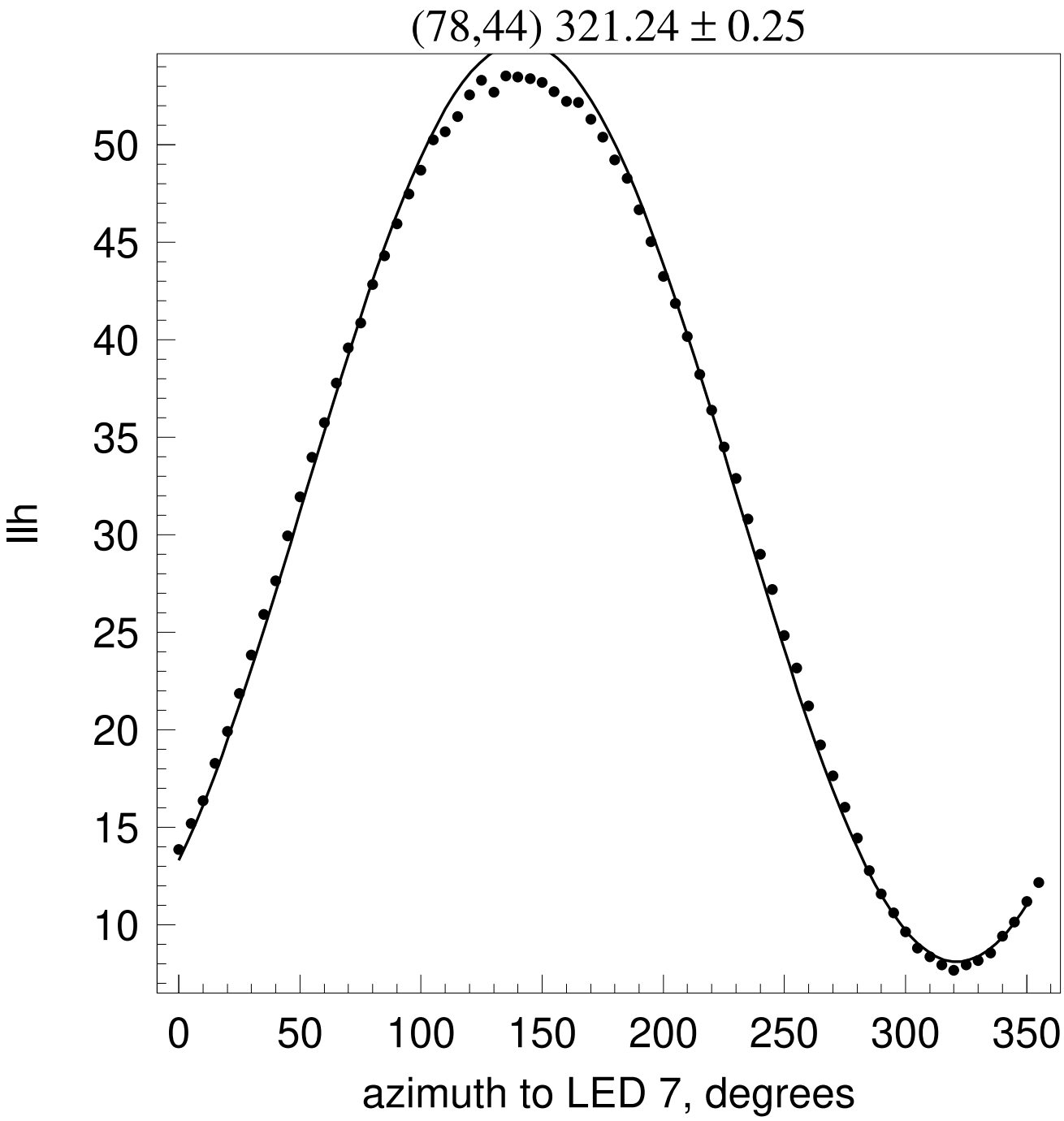

(78,39) 297.07 ± 0.37
80
70
60
50
40
30
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

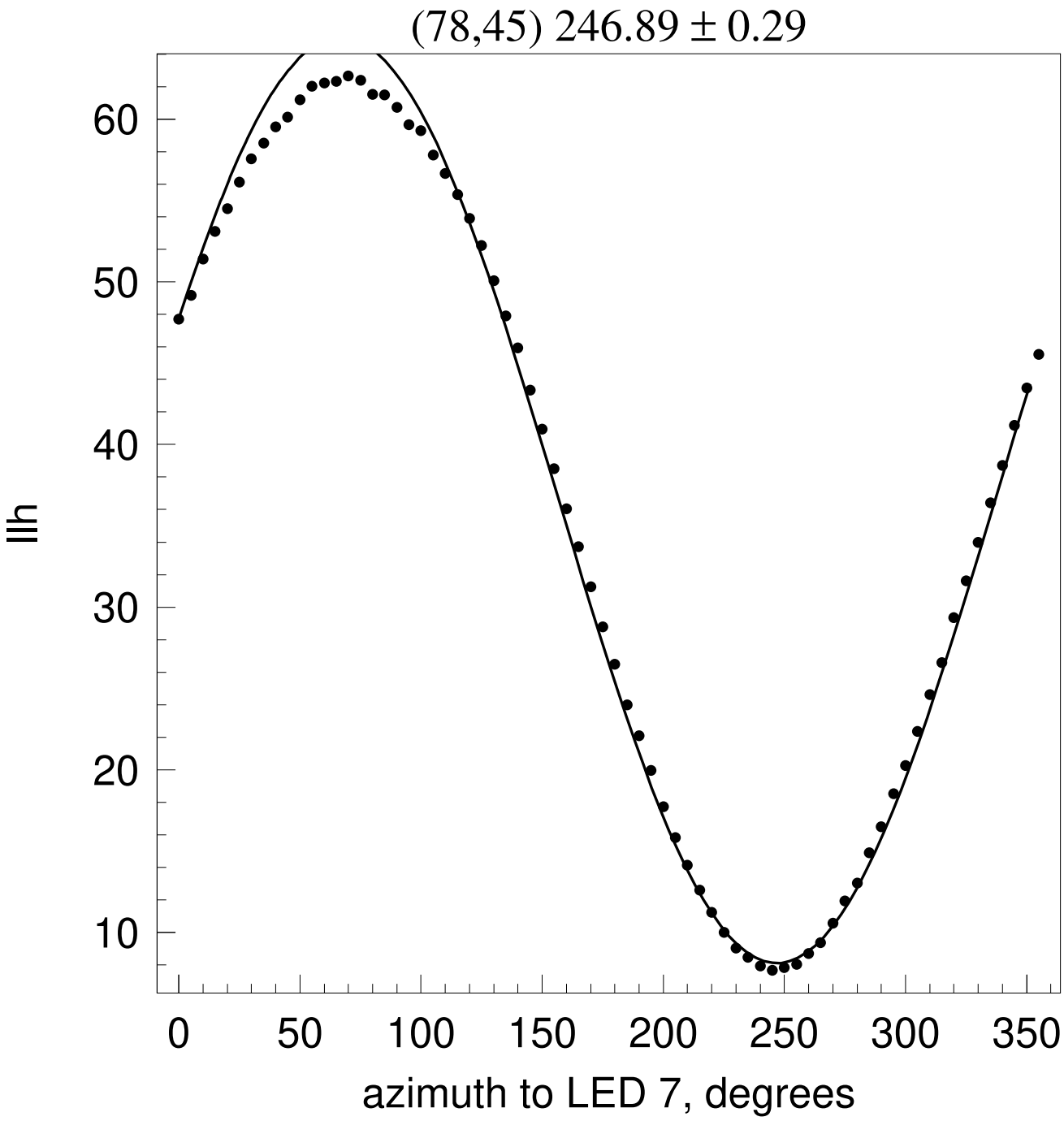

(78,40) 260.91 ± 0.31
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

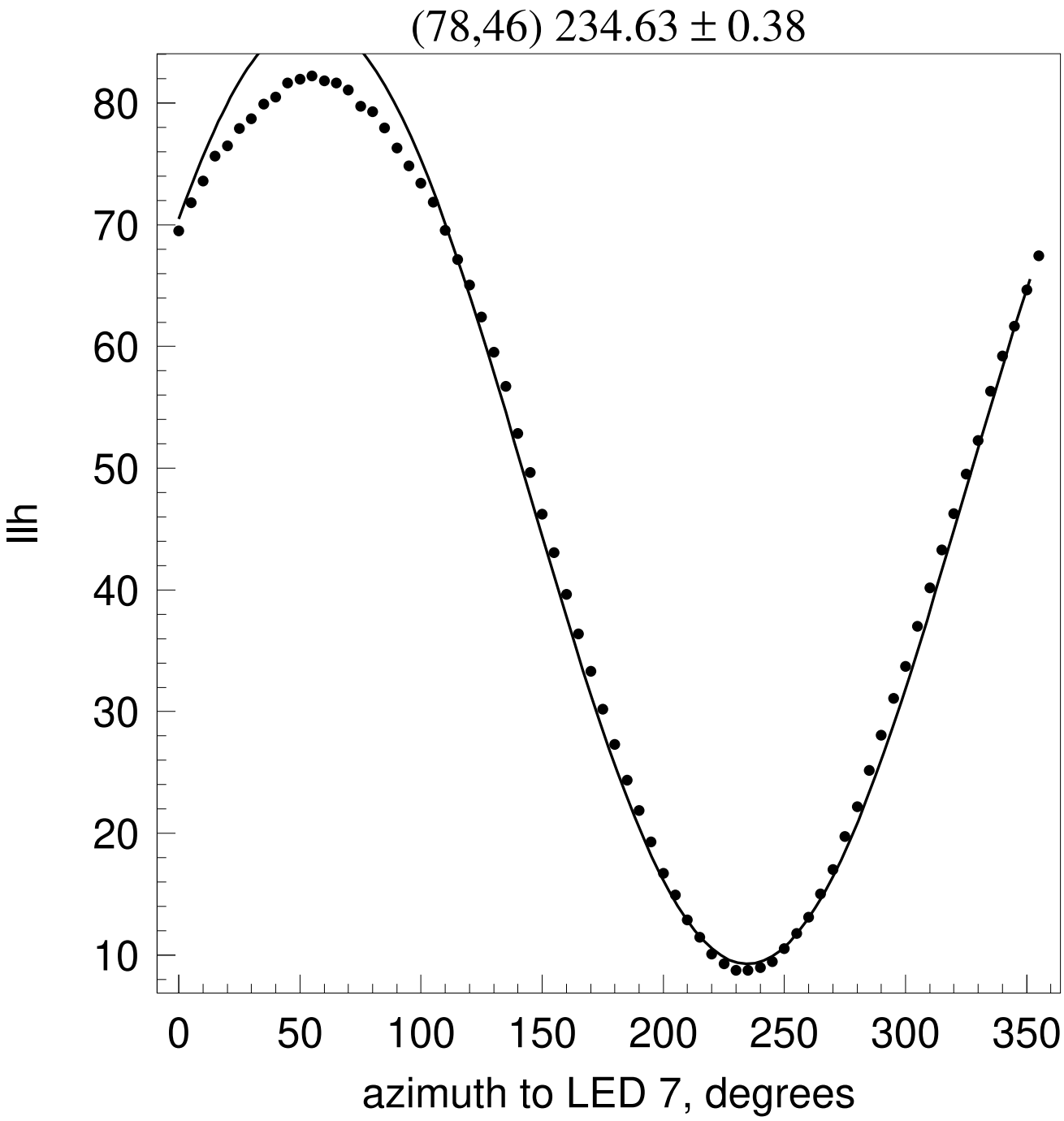

(78,41) 165.65 ± 0.29
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

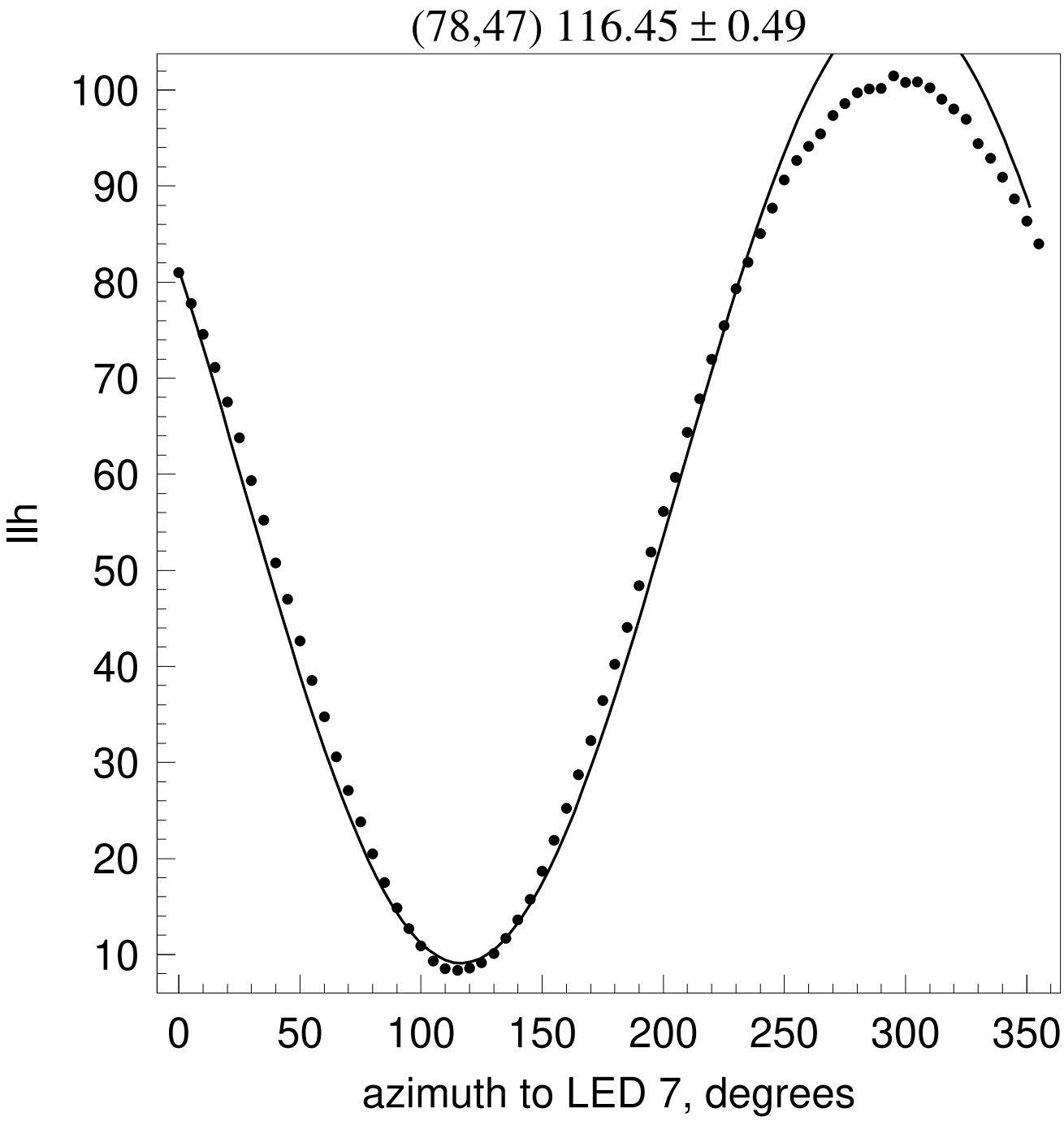

(78,42) 40.08 ± 0.48
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

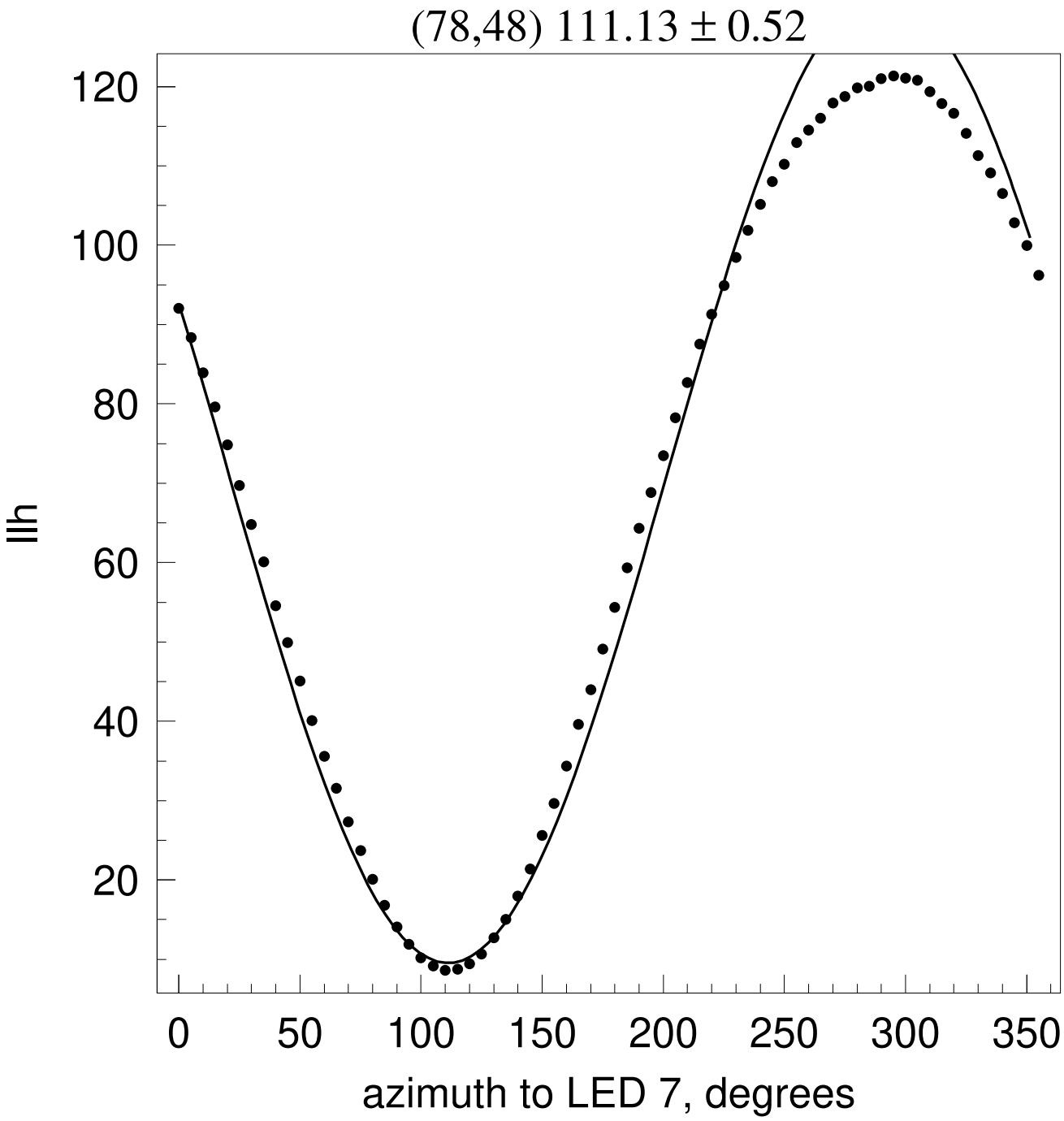

(78,43) 257.53 ± 0.30
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

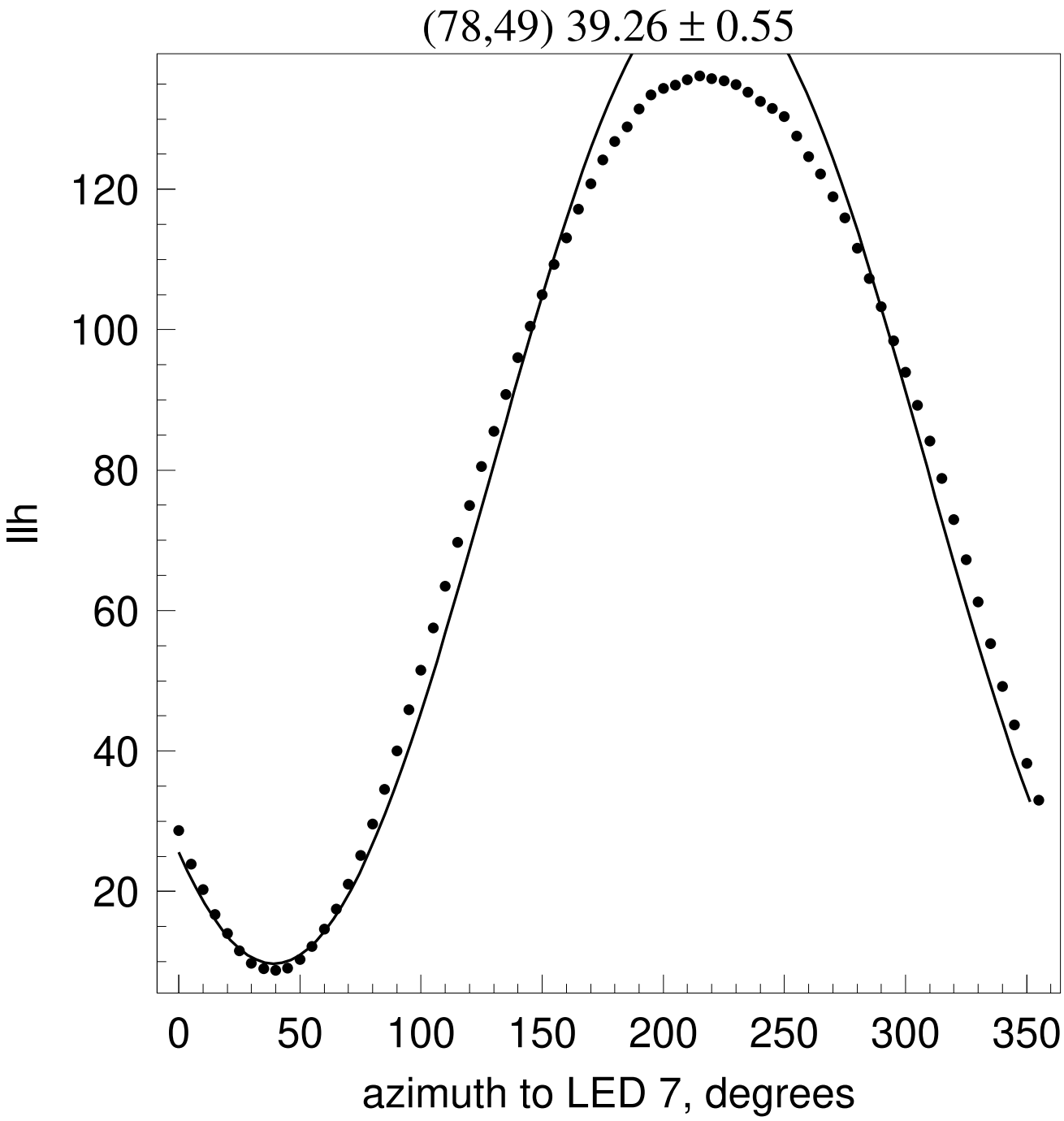

(78,44) 321.24 ± 0.25
50
45
40
35
30
25
20
15
10
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

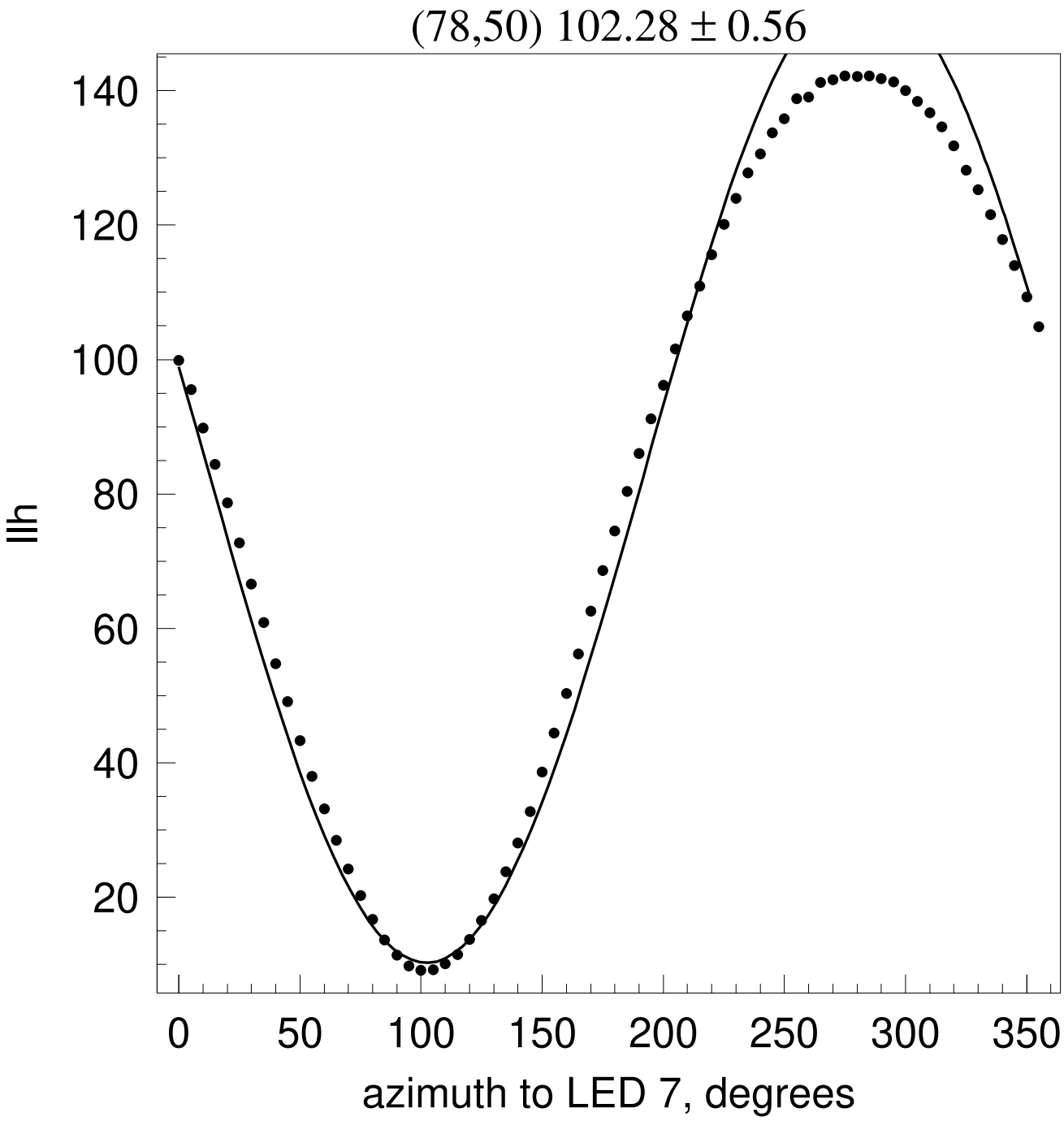

(78,45) 246.89 ± 0.29
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

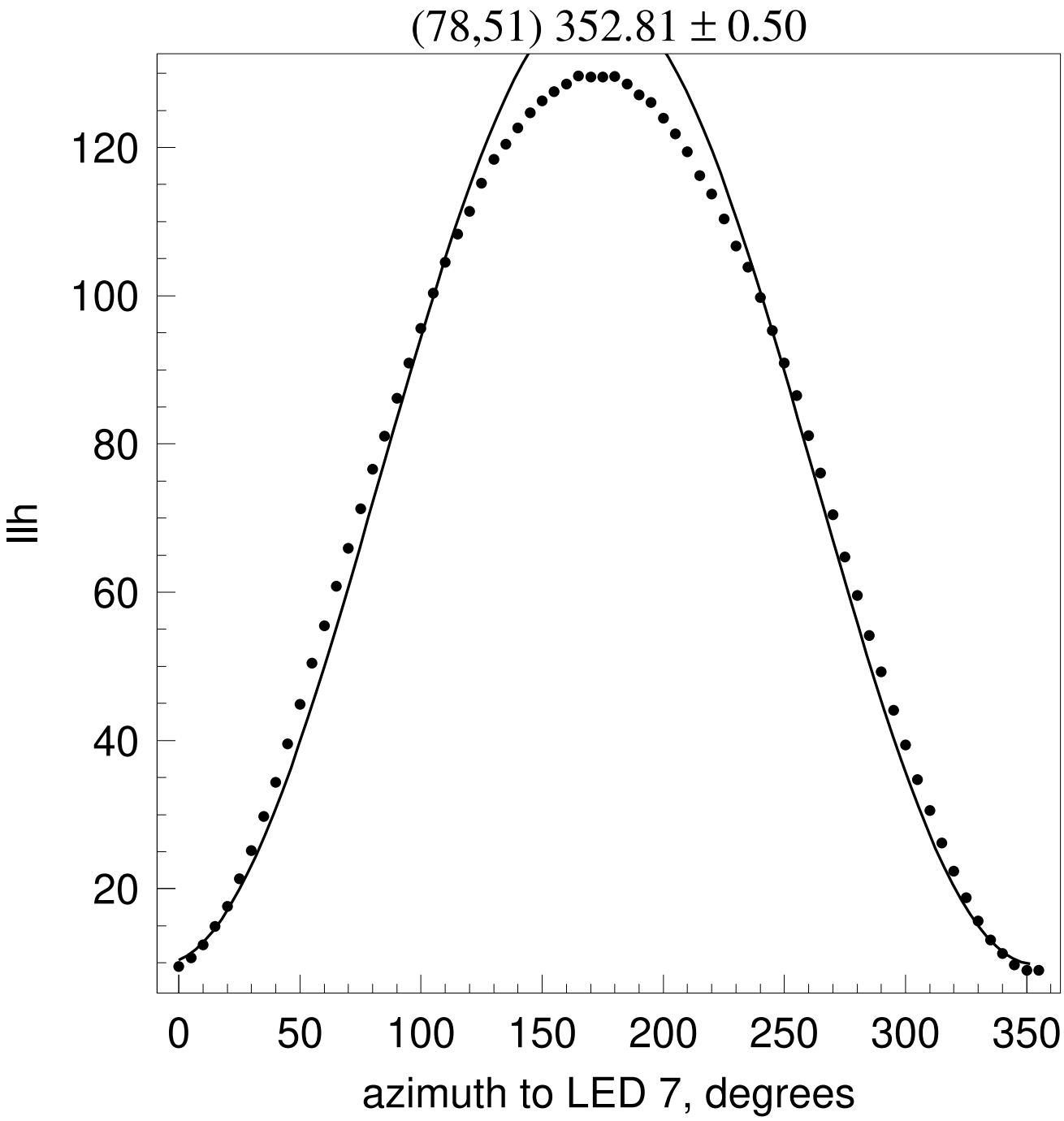

(78,46) 234.63 ± 0.38
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

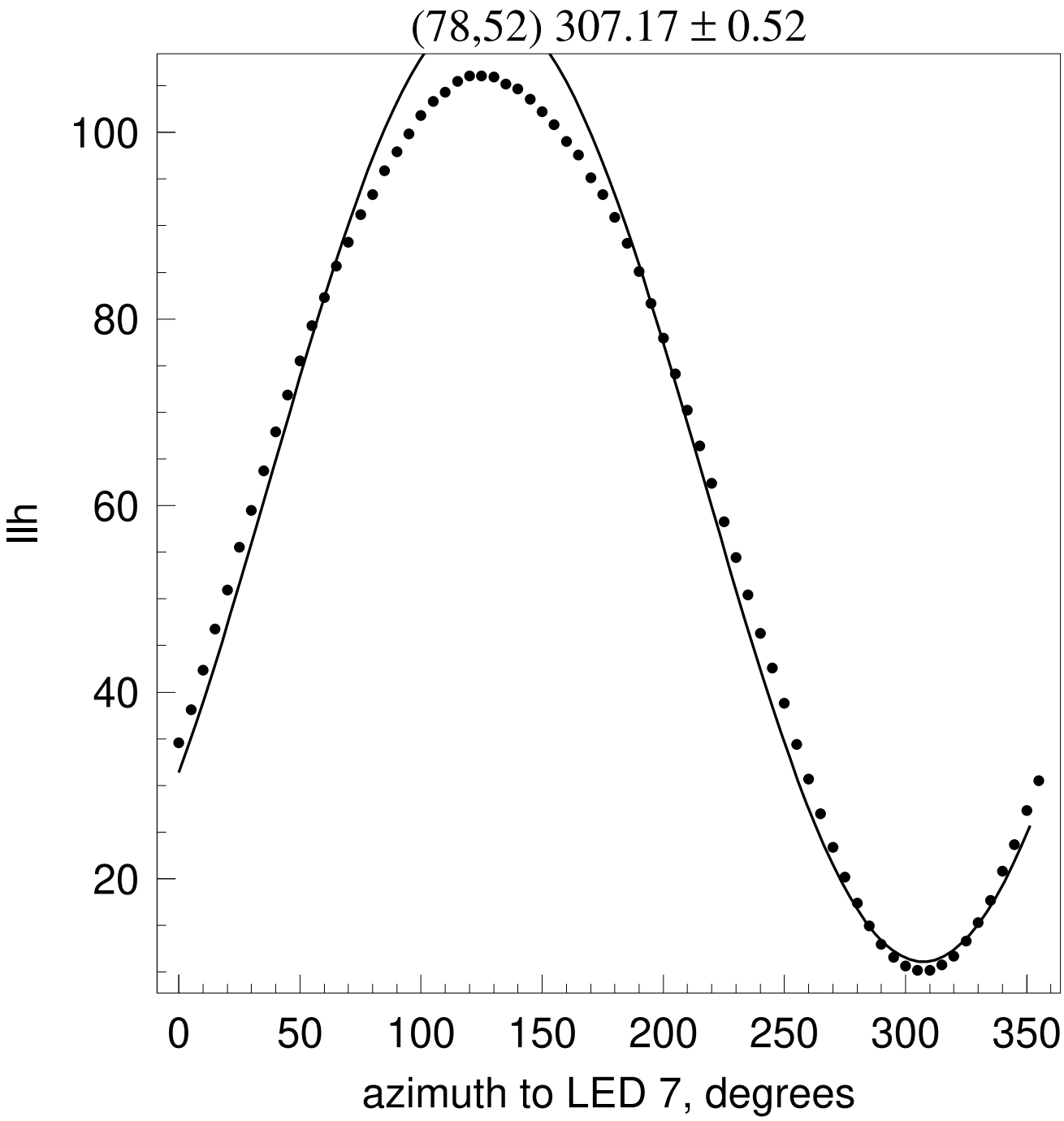

(78,47) 116.45 ± 0.49
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

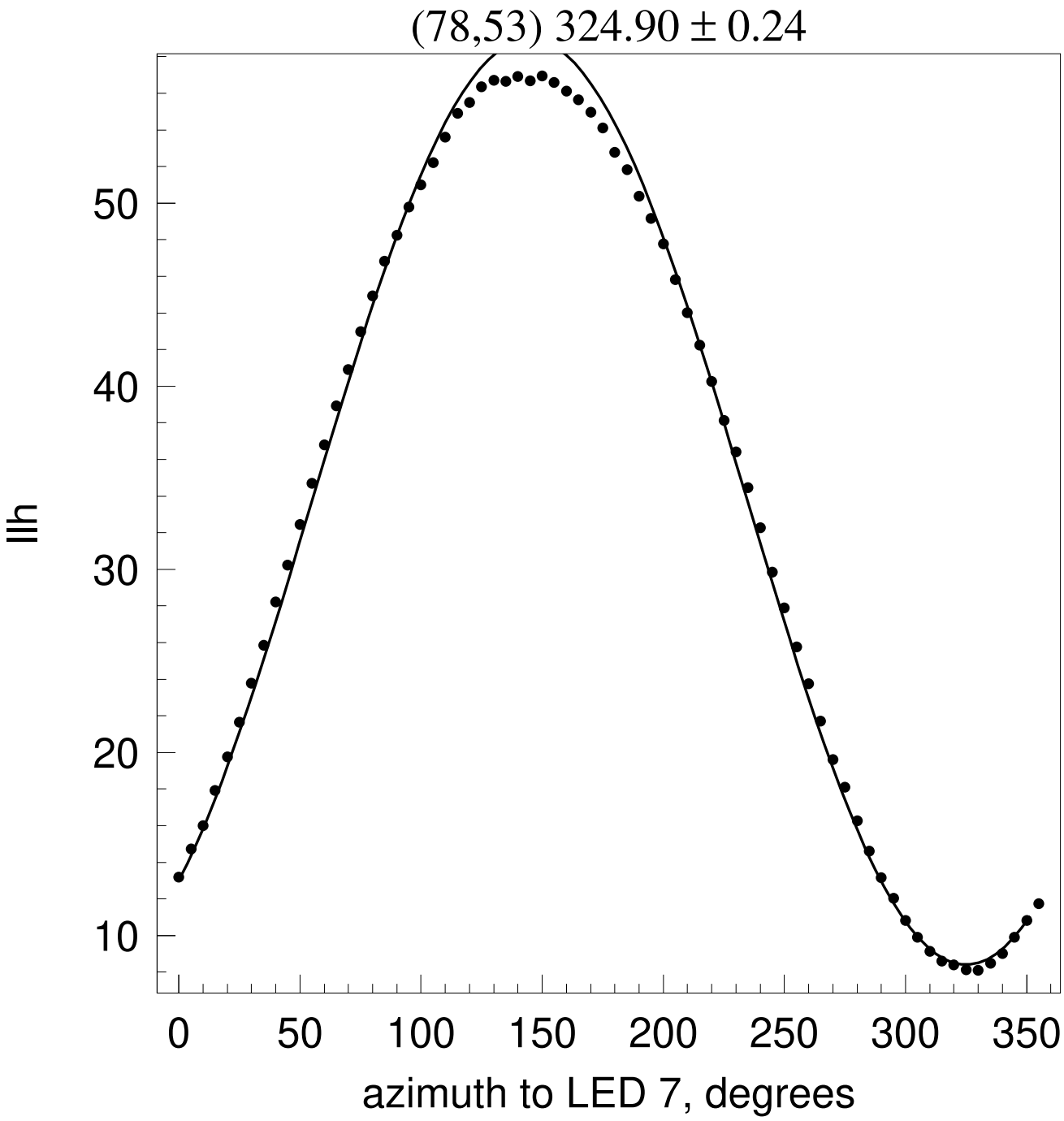

(78,48) 111.13 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

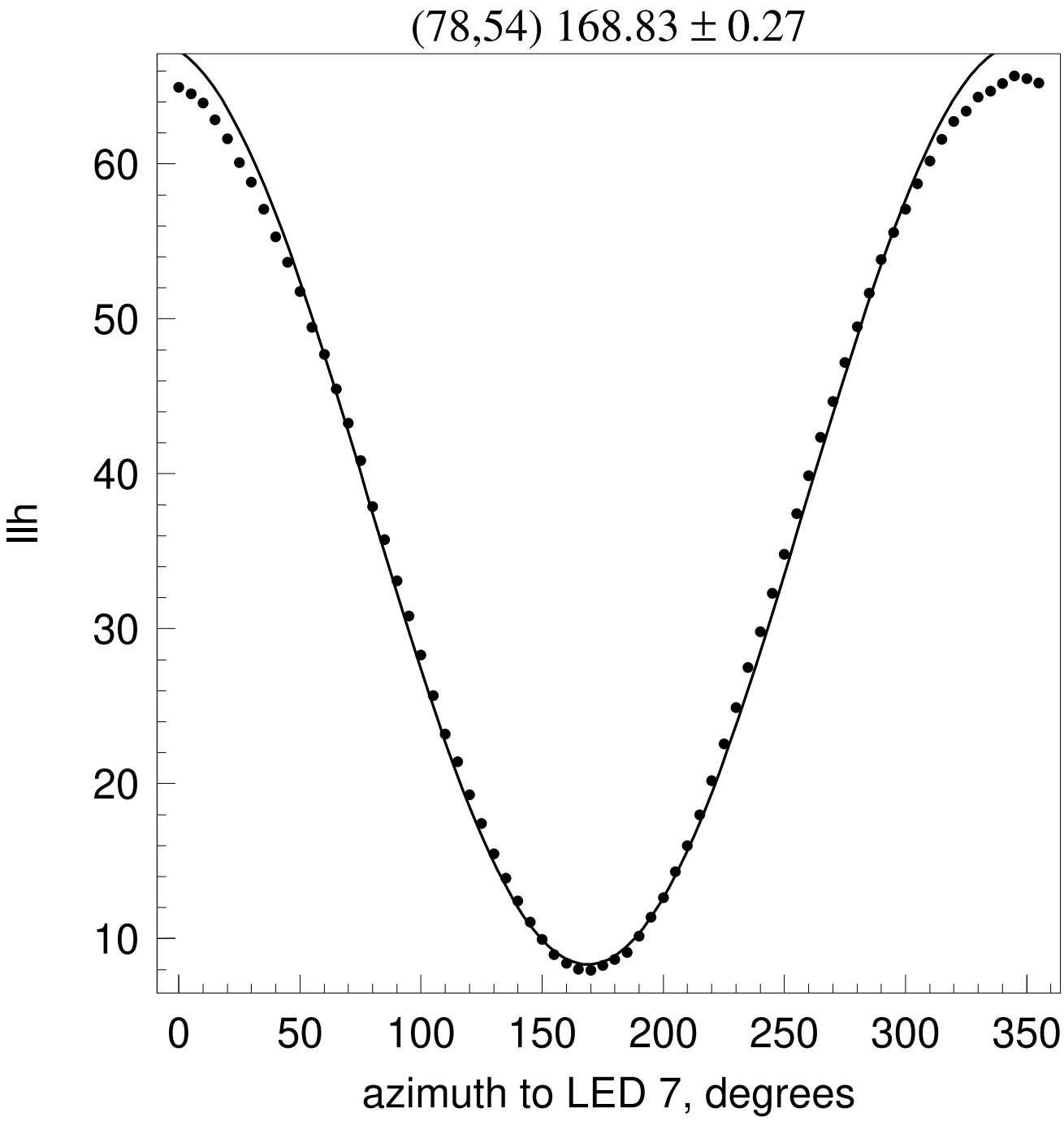

(78,49) 39.26 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

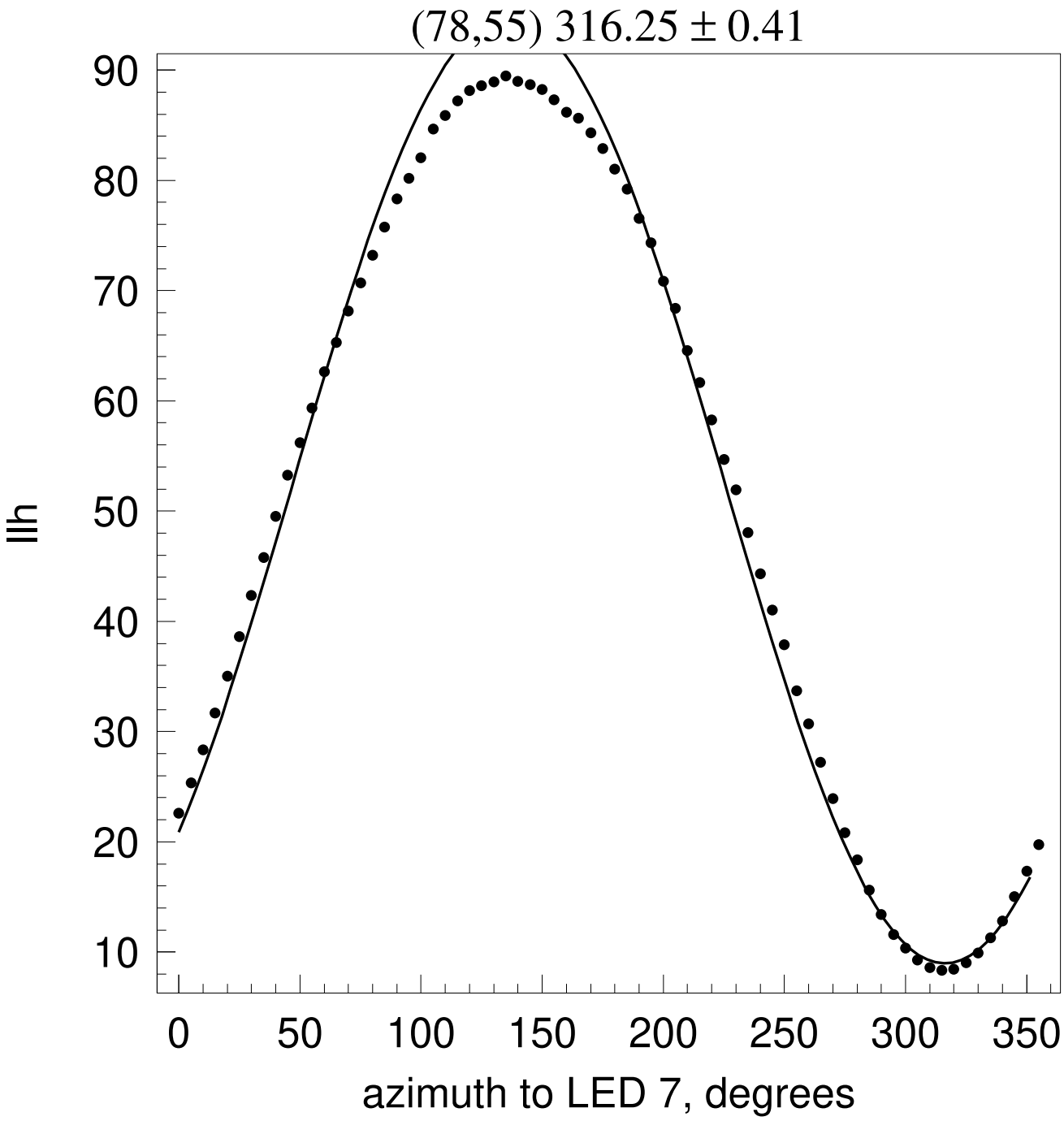

(78,50) 102.28 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

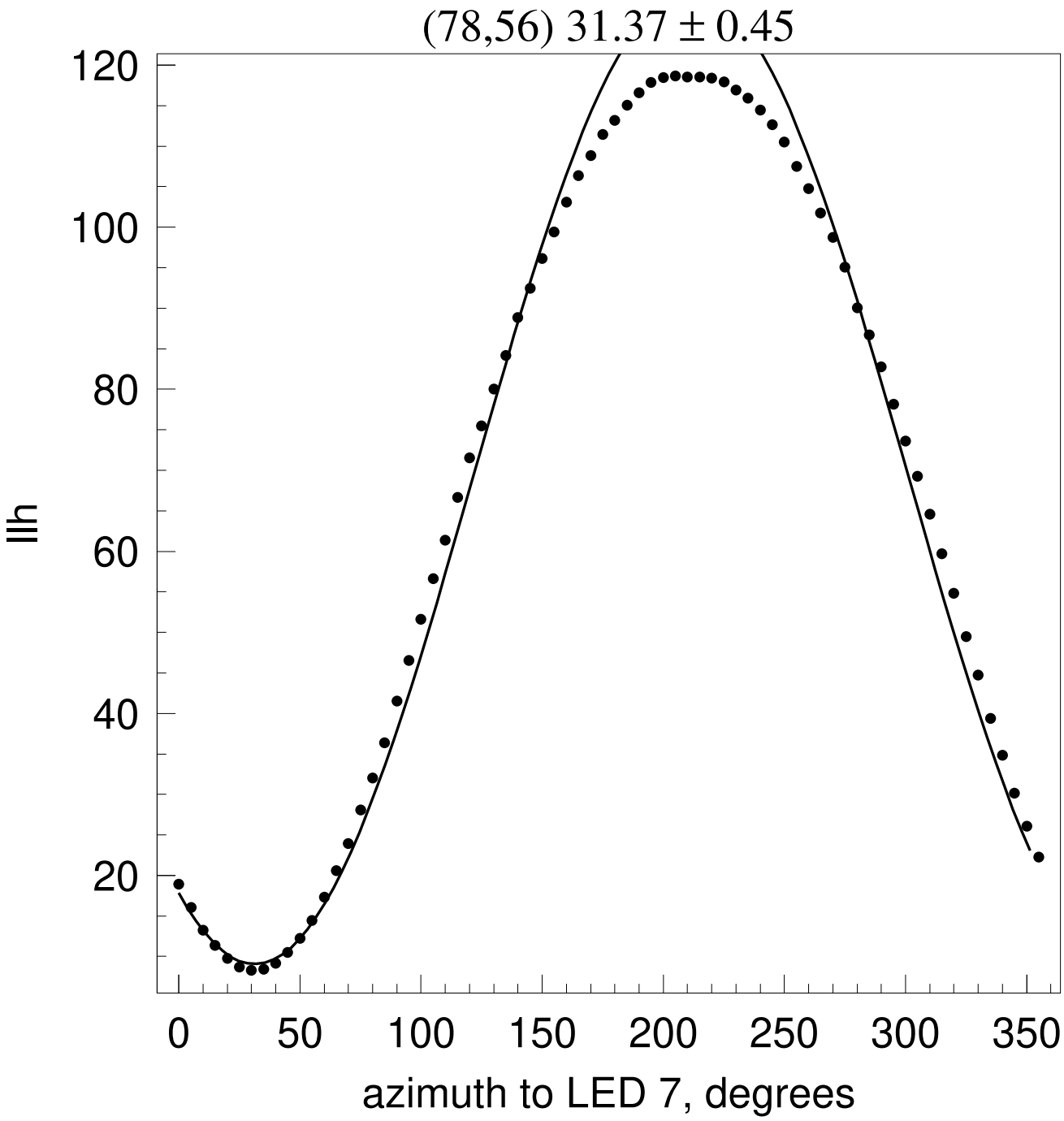

(78,51) 352.81 ± 0.50
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

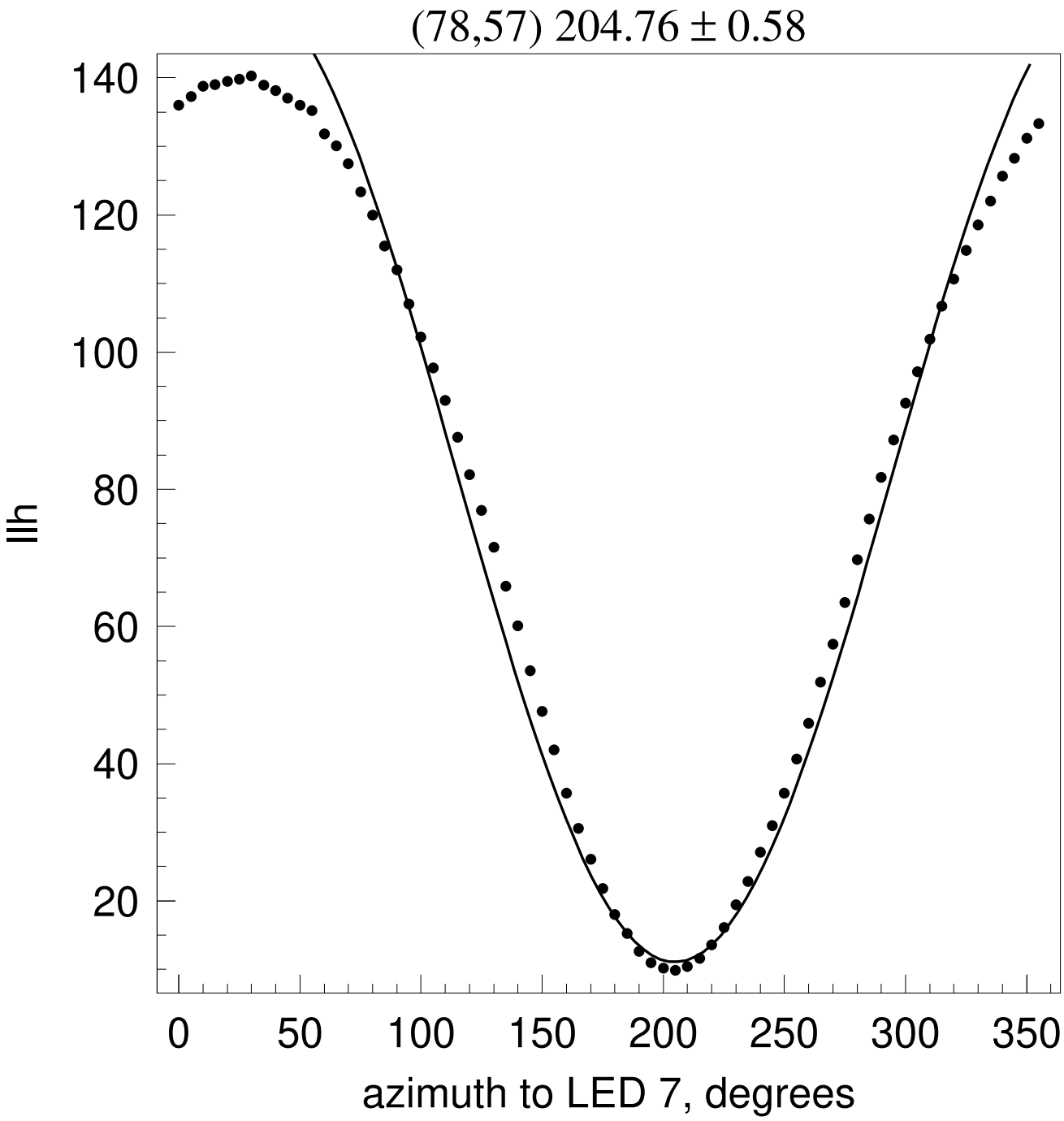

(78,52) 307.17 ± 0.52
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

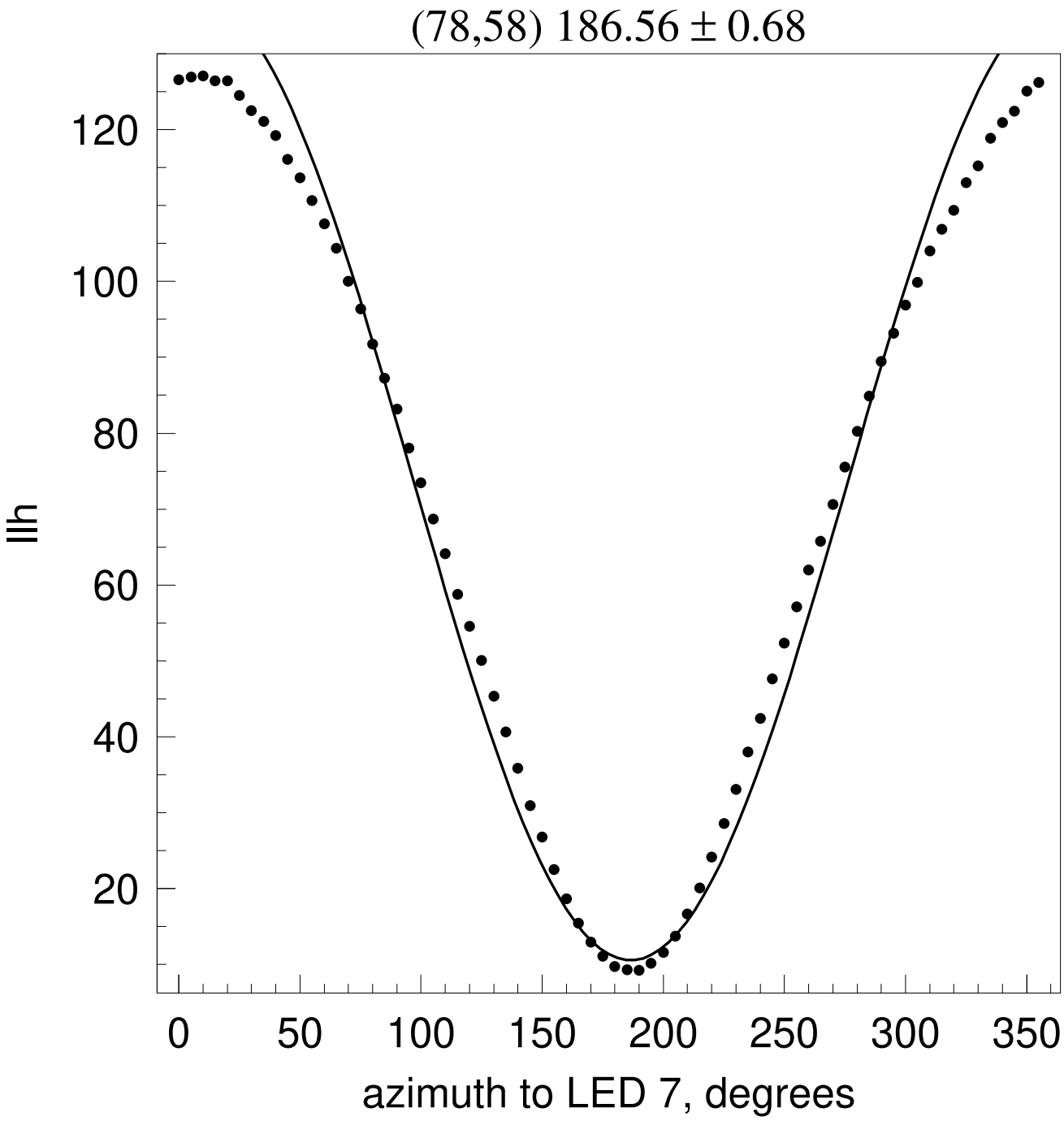

(78,53) 324.90 ± 0.24
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

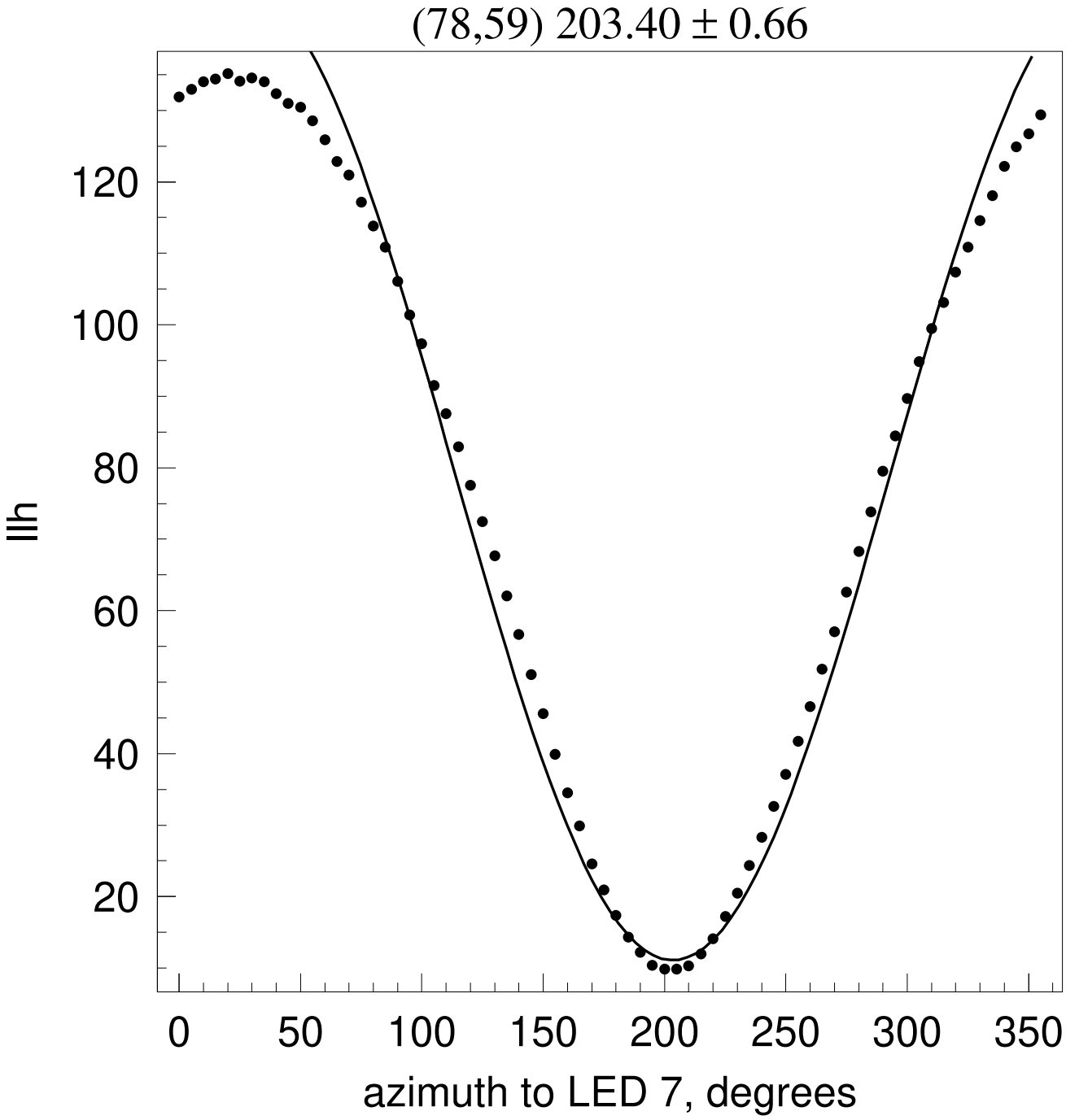

(78,54) 168.83 ± 0.27
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

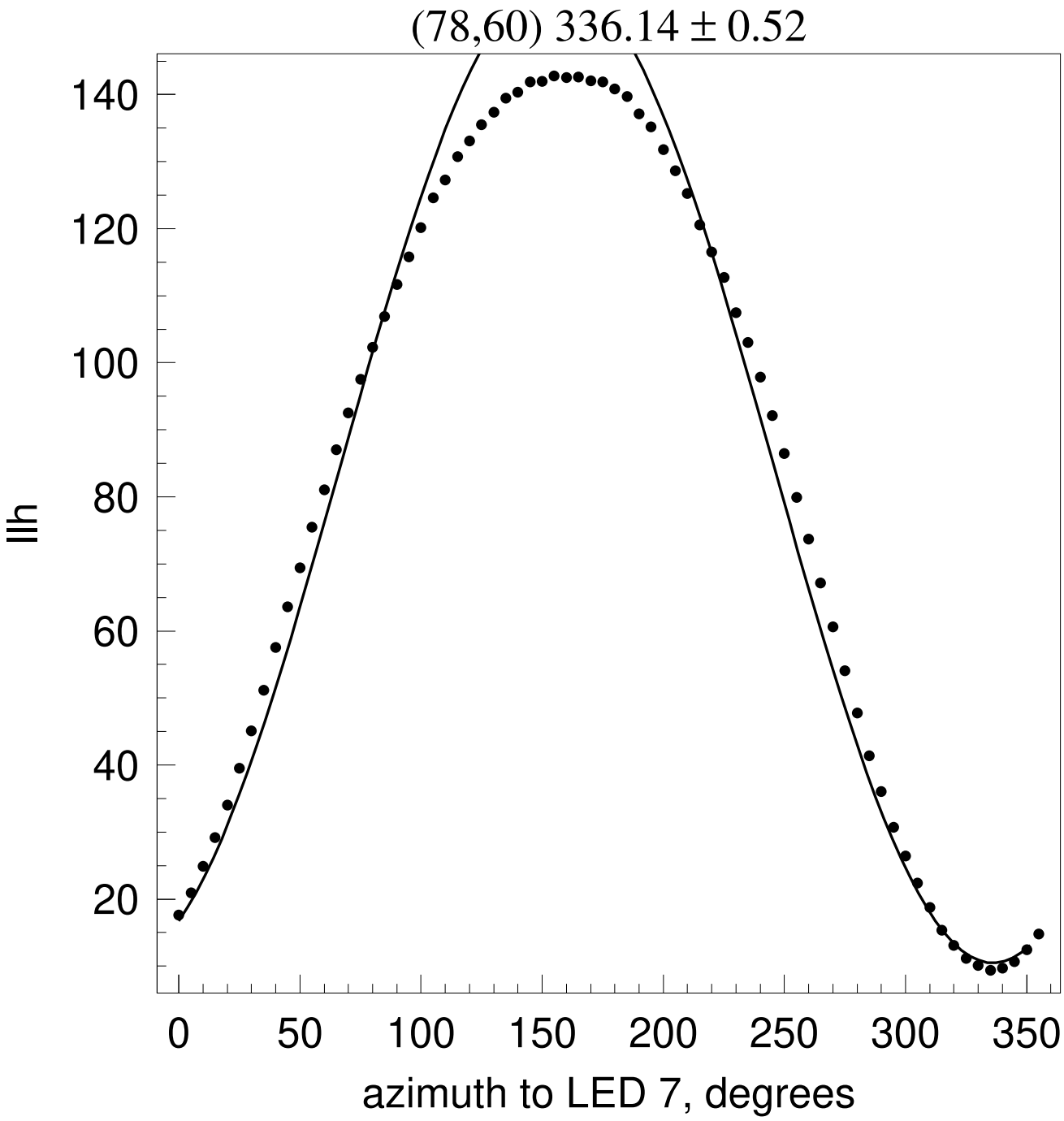

(78,55) 316.25 ± 0.41
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

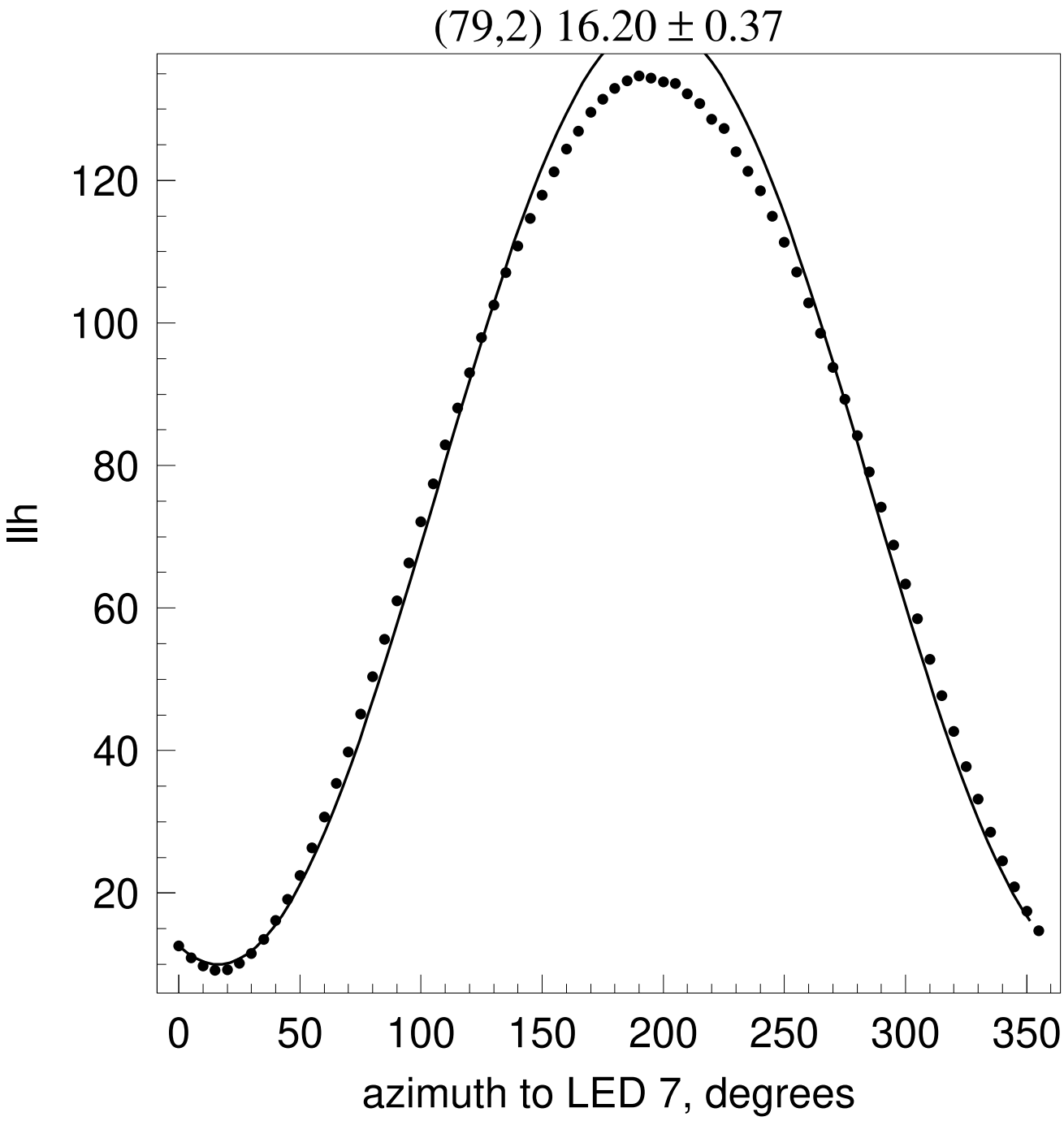

(78,56) 31.37 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

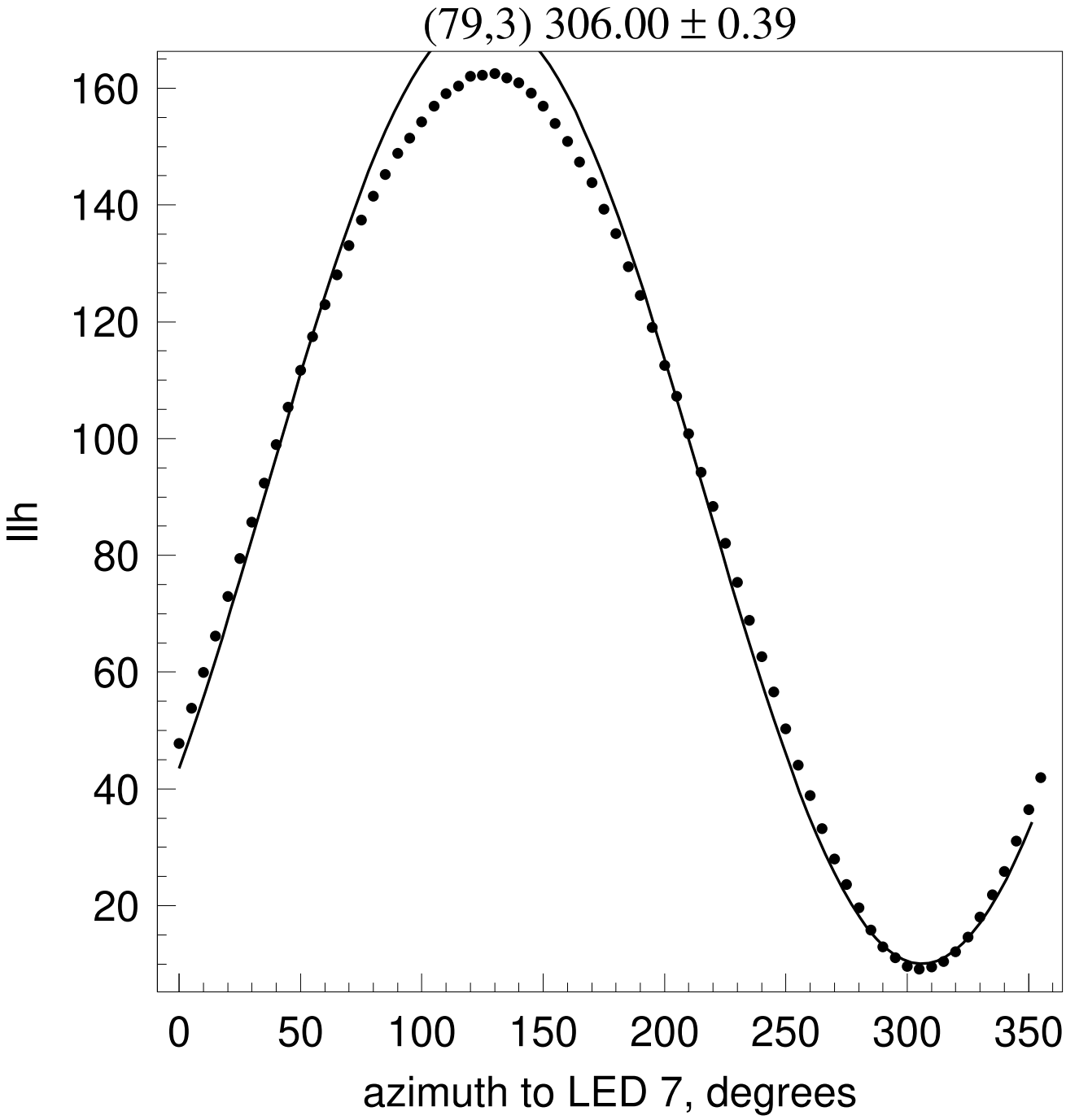

(78,57) 204.76 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

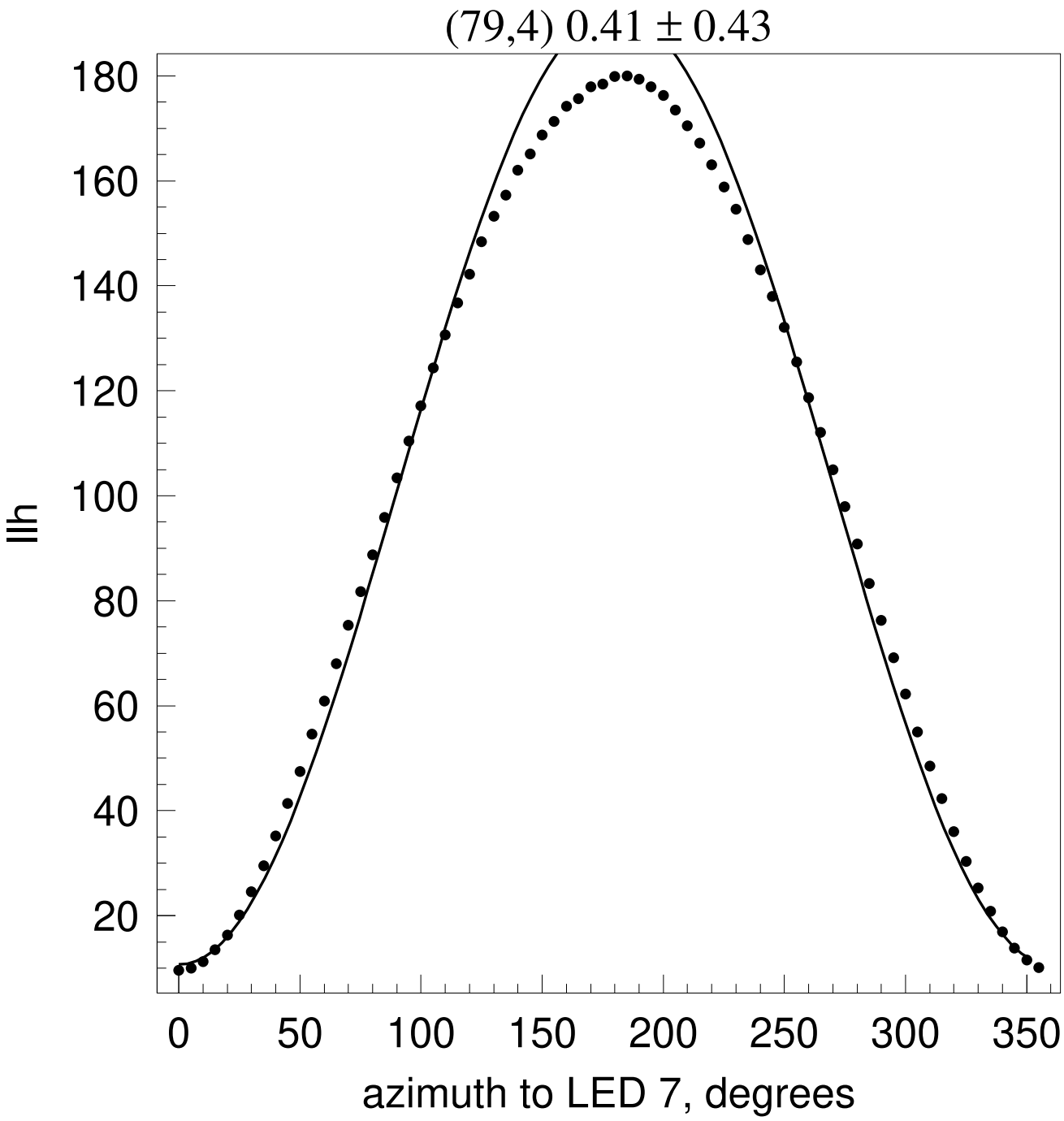

(78,58) 186.56 ± 0.68
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

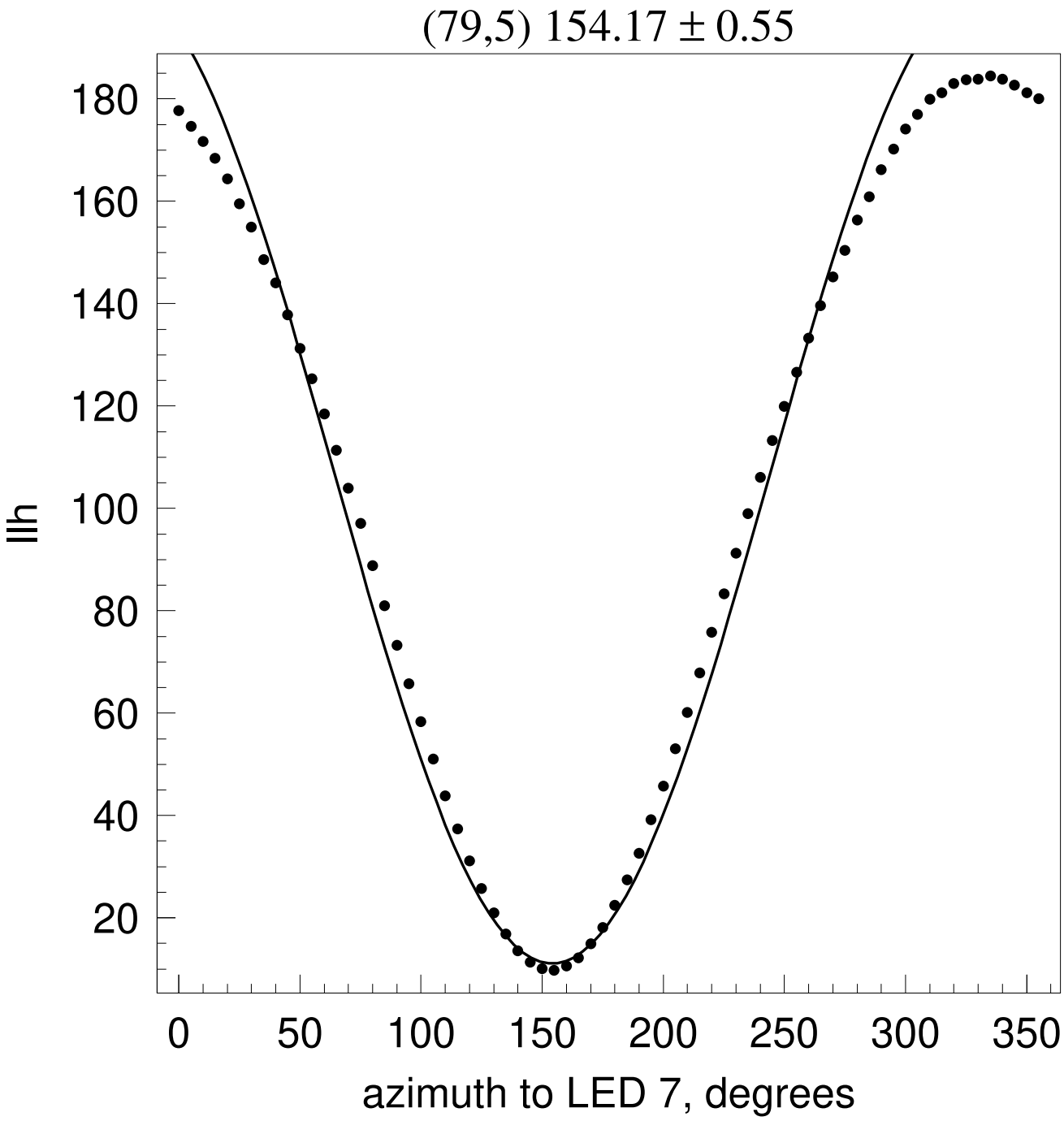

(78,59) 203.40 ± 0.66
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

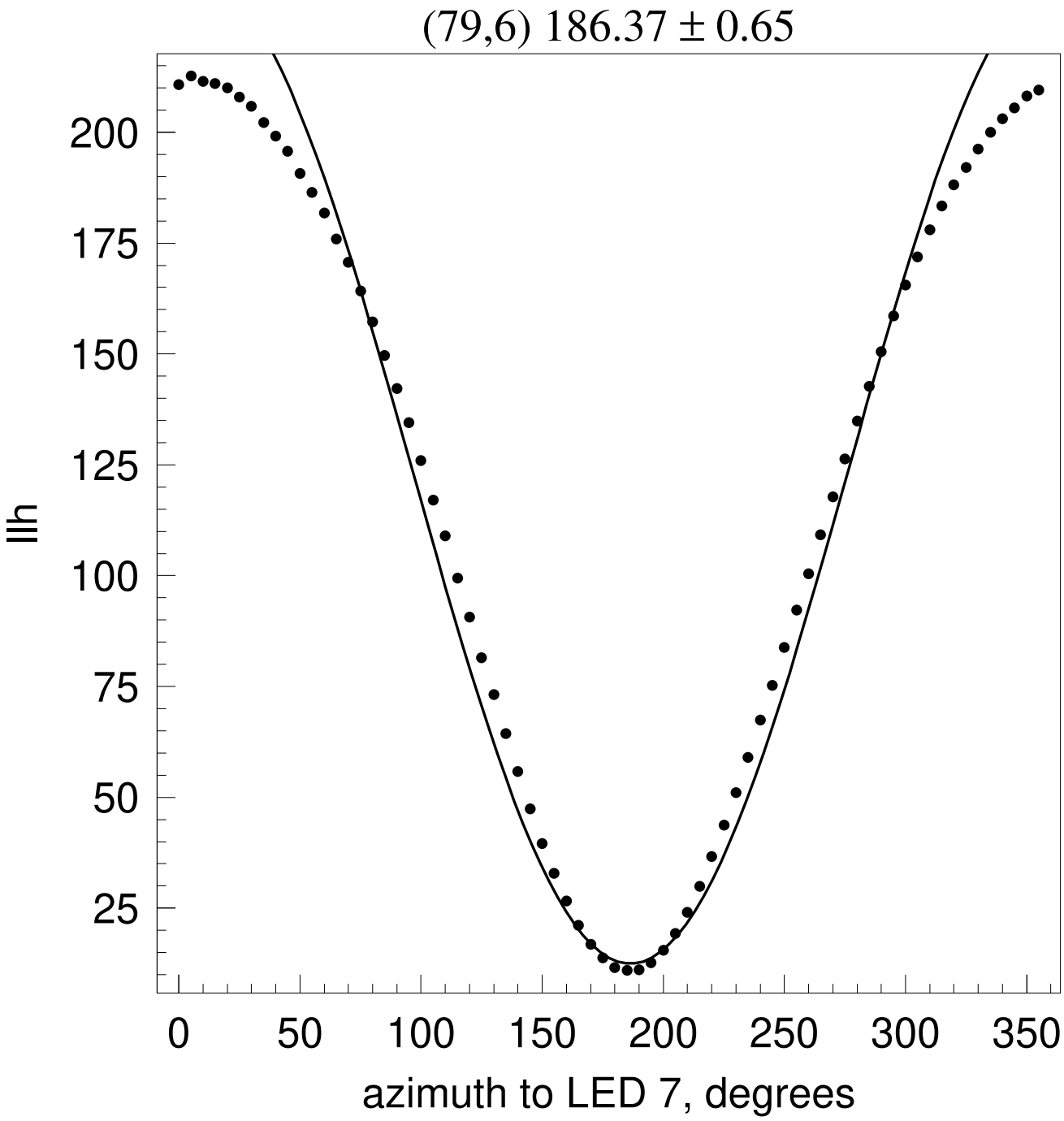

(78,60) 336.14 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

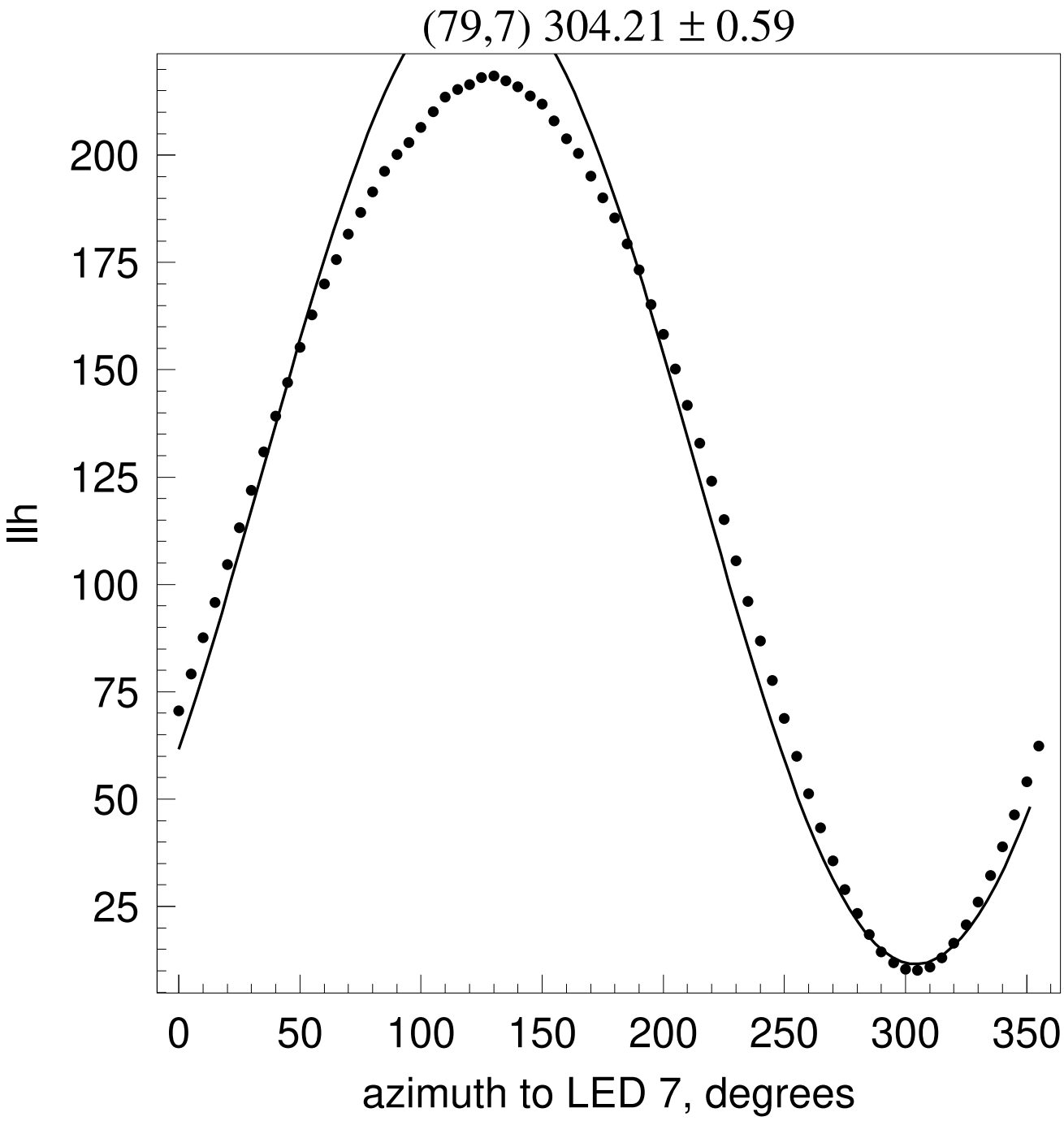

(79,2) 16.20 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

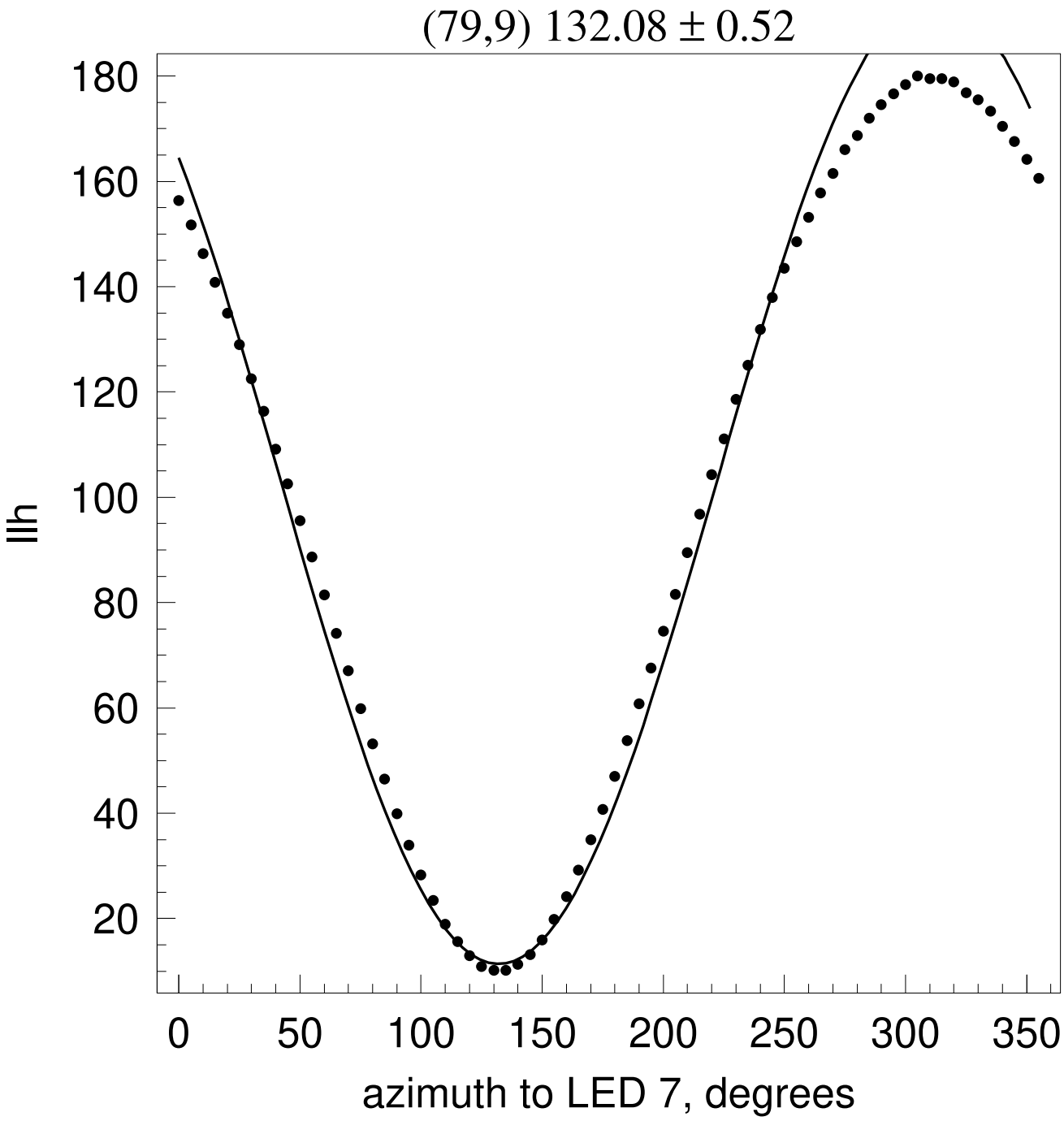

(79,3) 306.00 ± 0.39
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

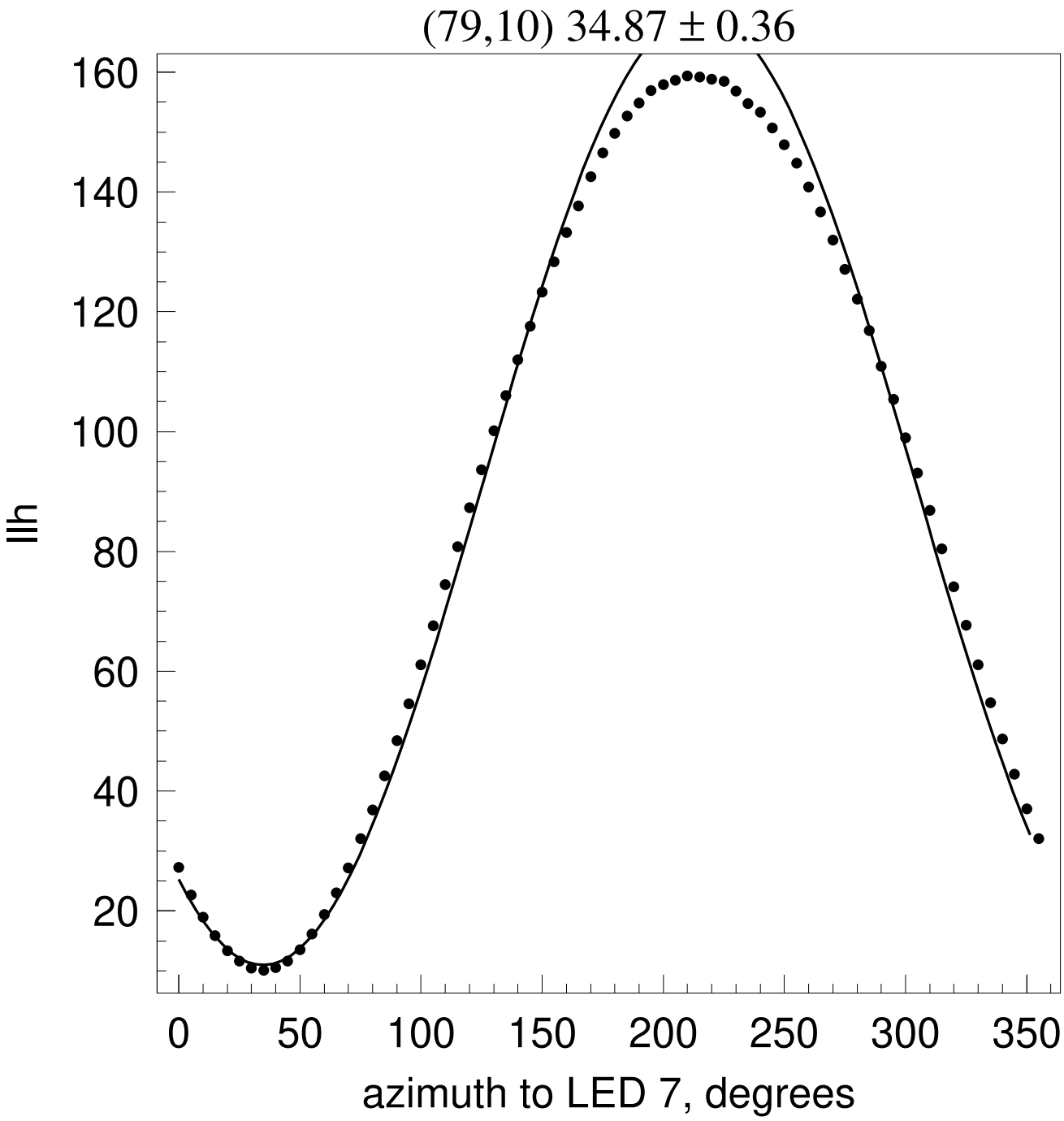

(79,4) 0.41 ± 0.43
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

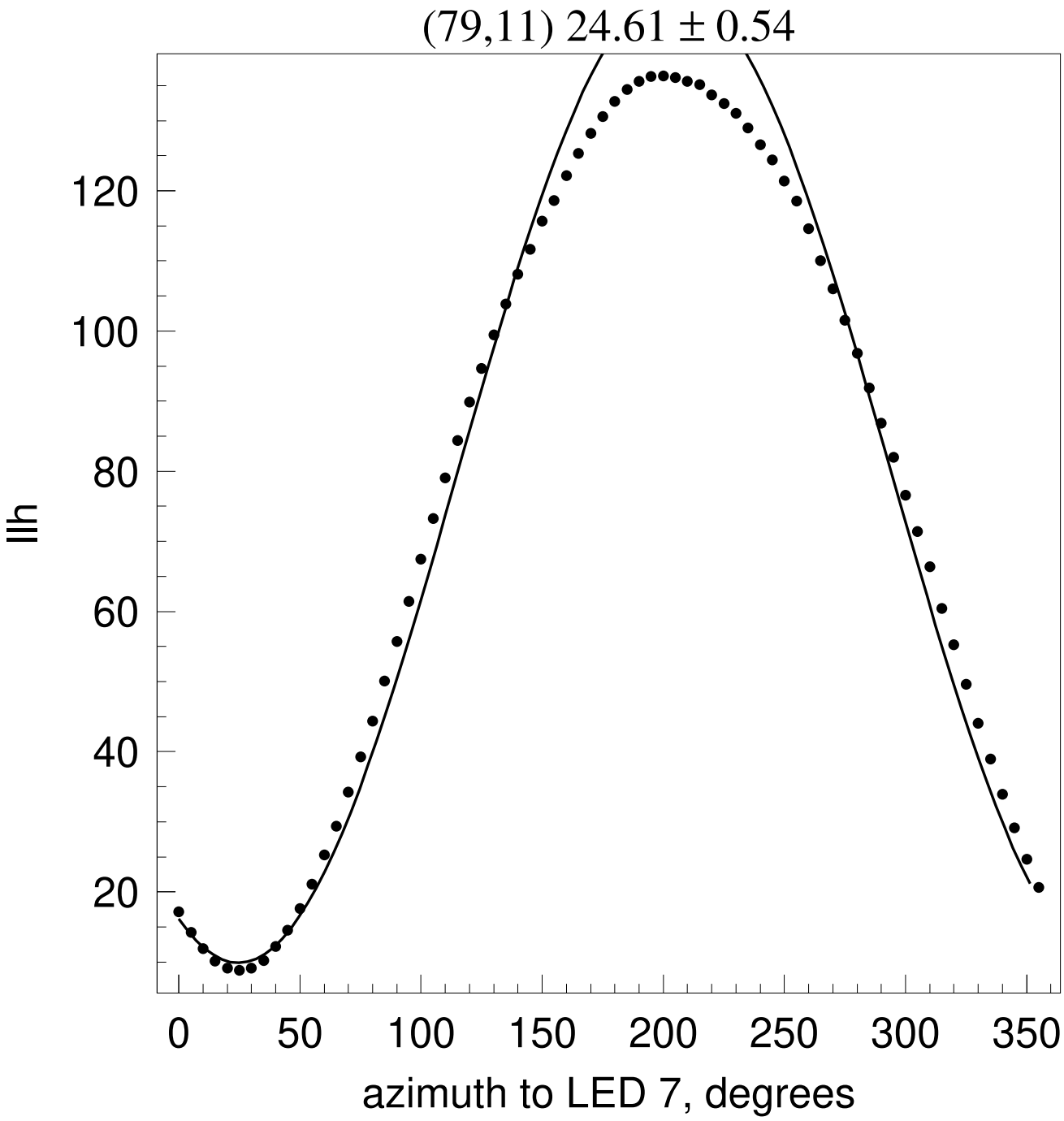

(79,5) 154.17 ± 0.55
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

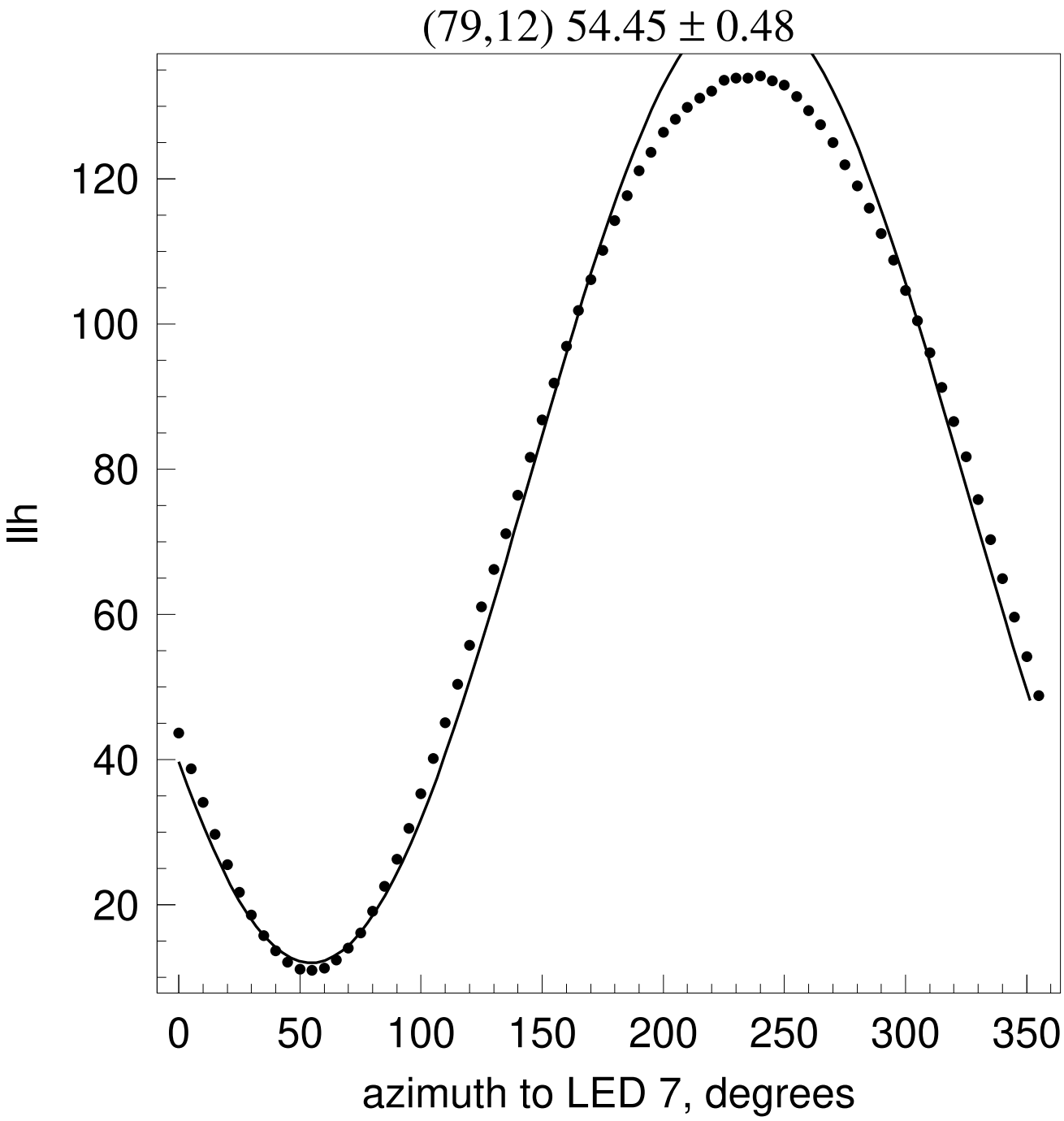

(79,6) 186.37 ± 0.65
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

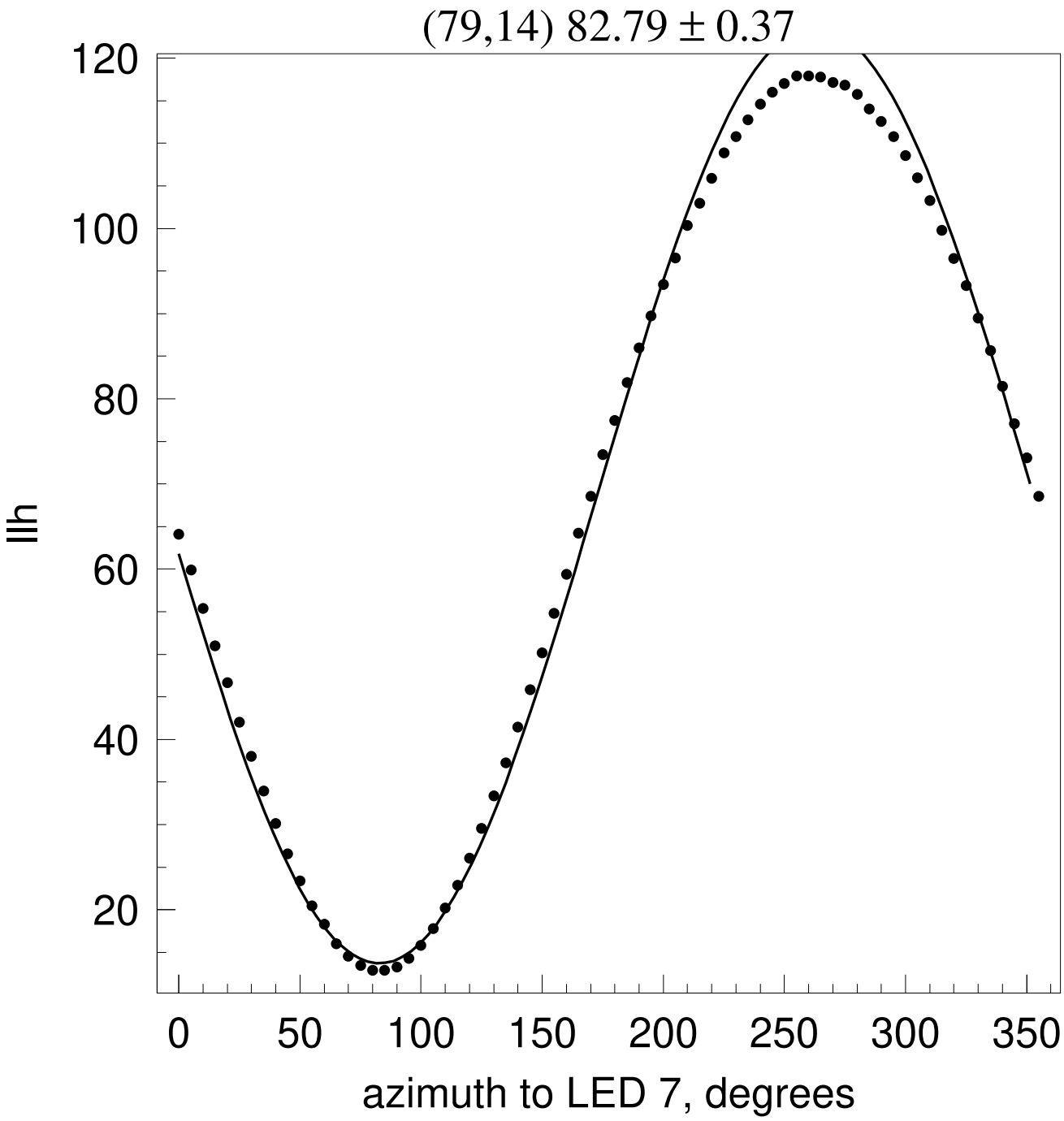

(79,7) 304.21 ± 0.59
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

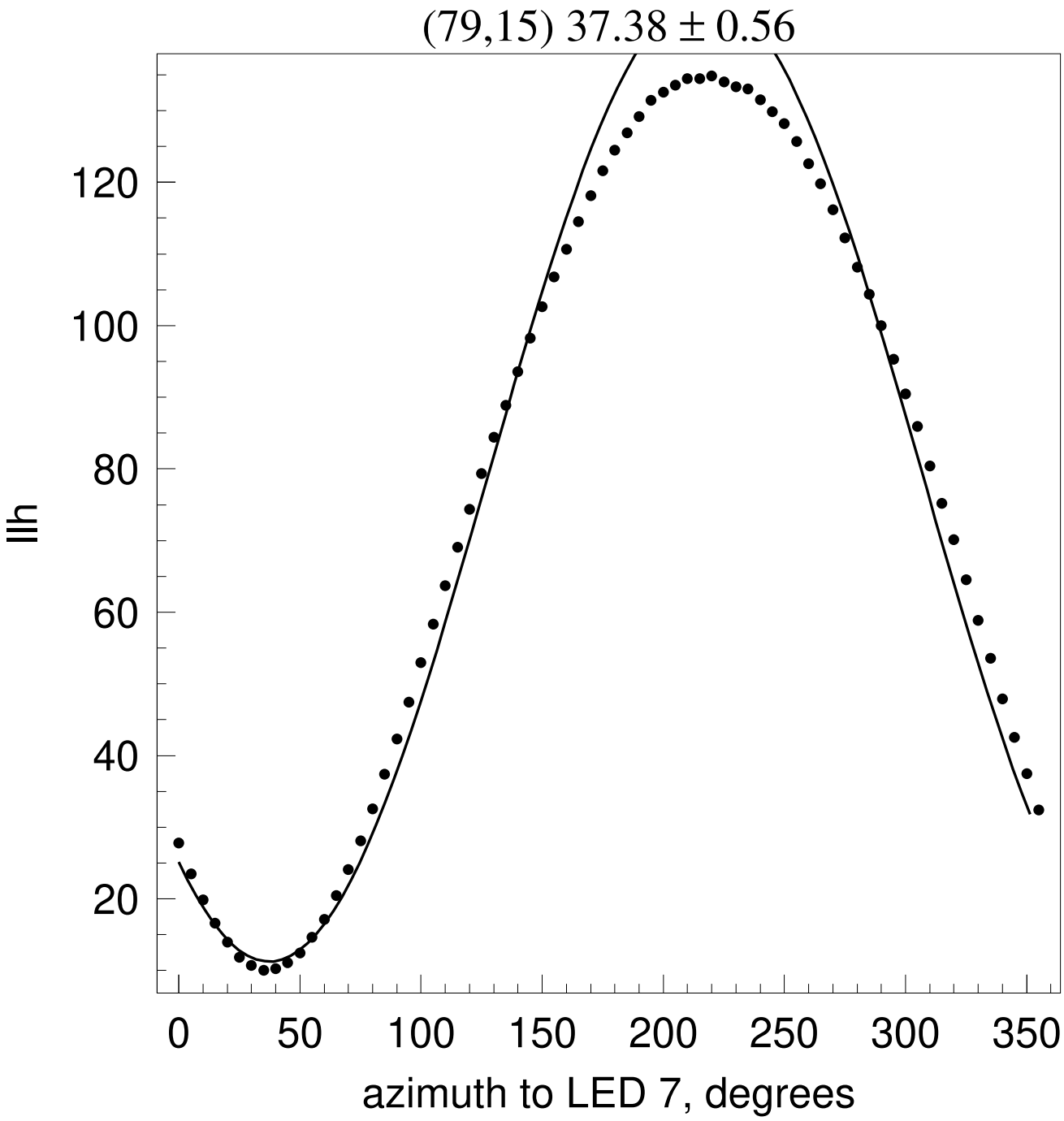

(79,9) 132.08 ± 0.52
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

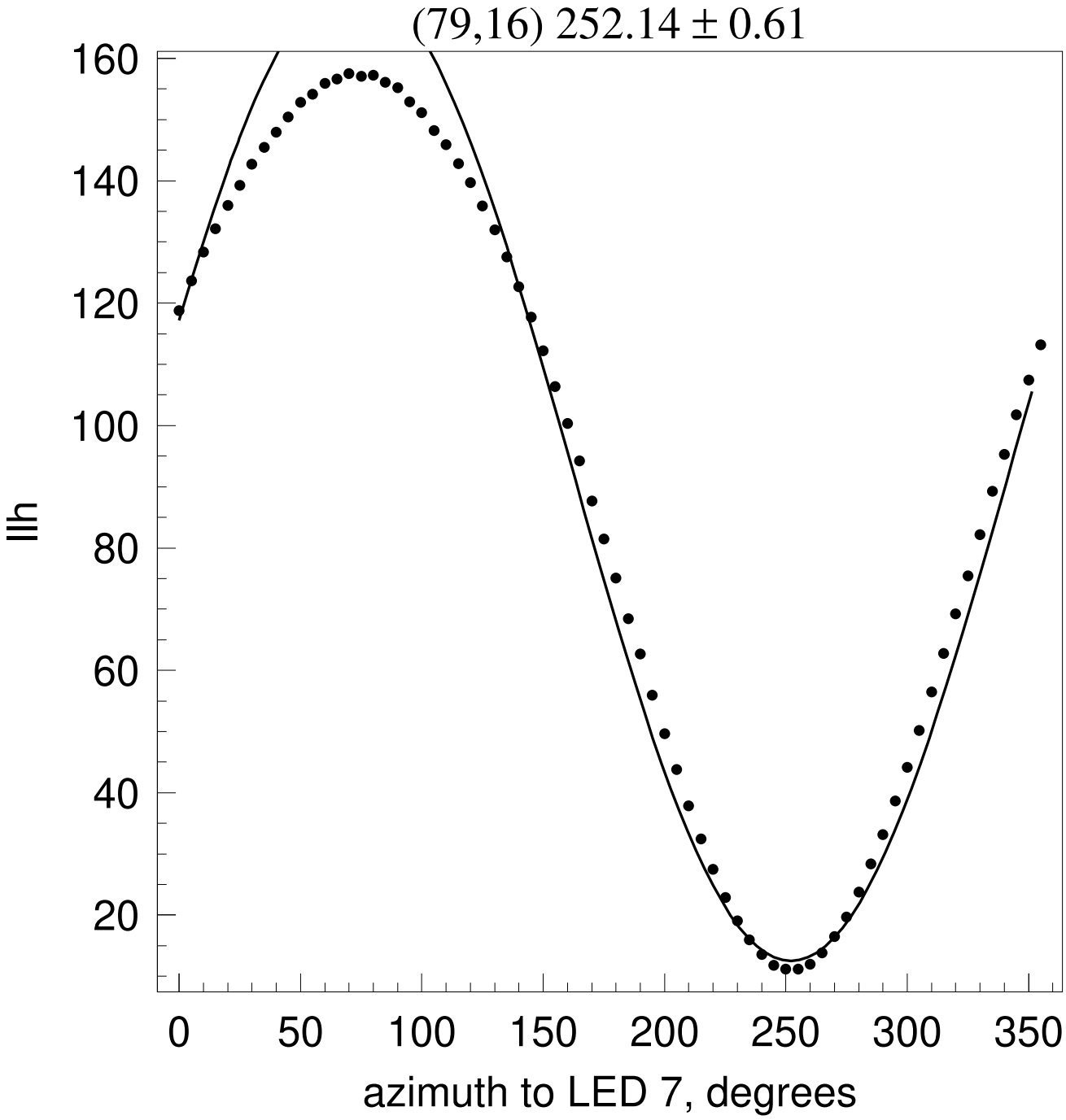

(79,10) 34.87 ± 0.36
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

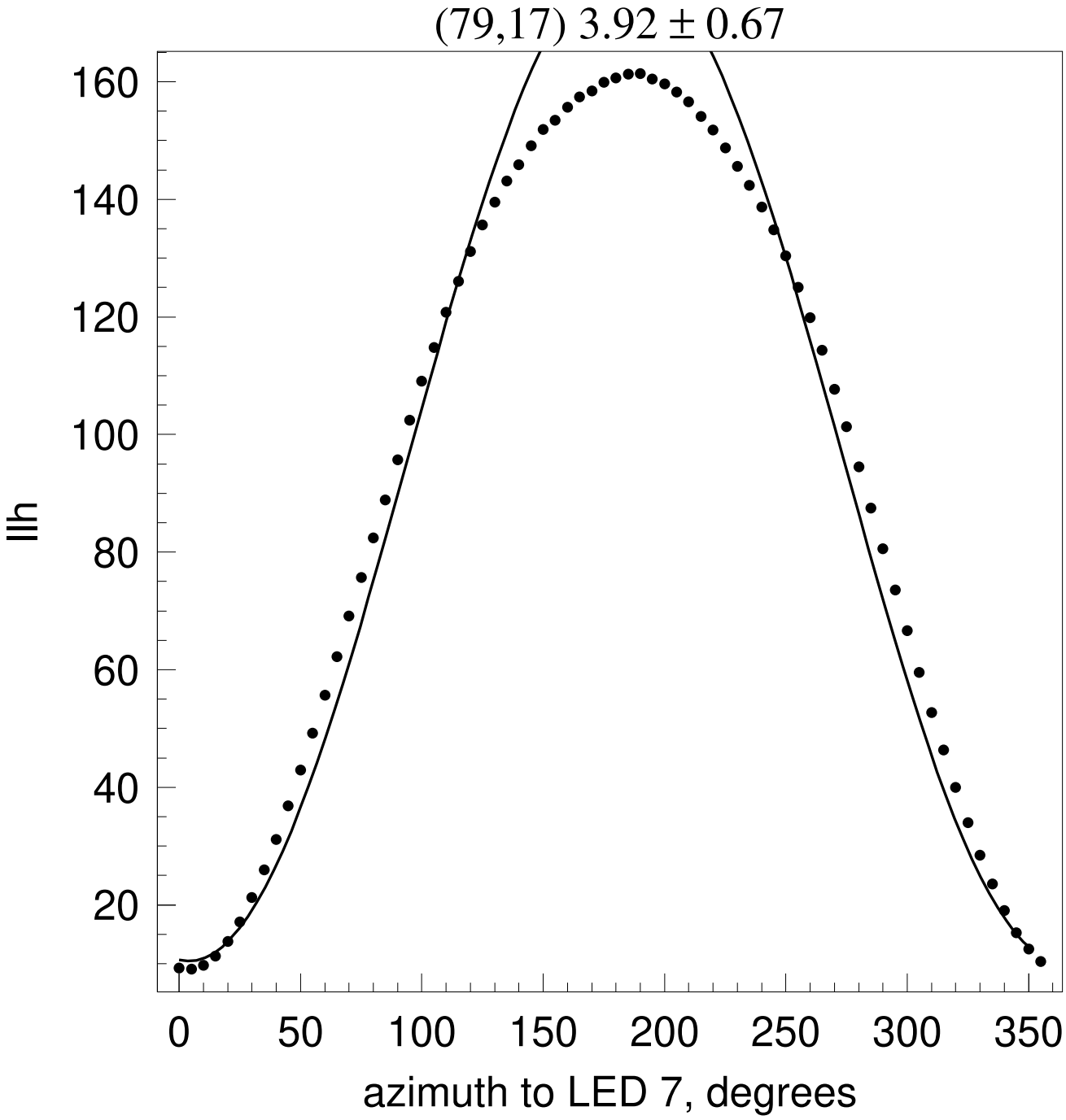

(79,11) 24.61 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

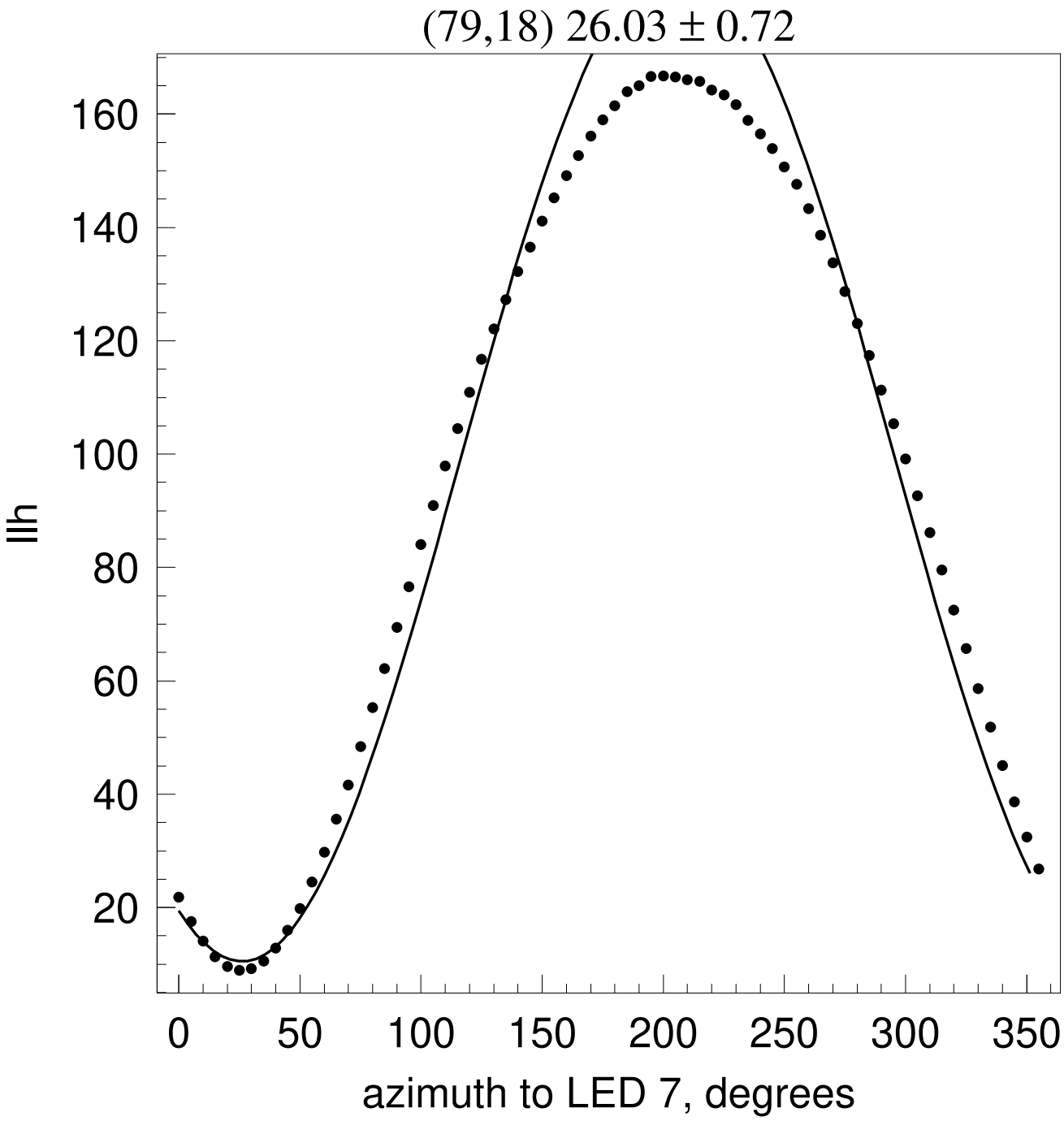

(79,12) 54.45 ± 0.48
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

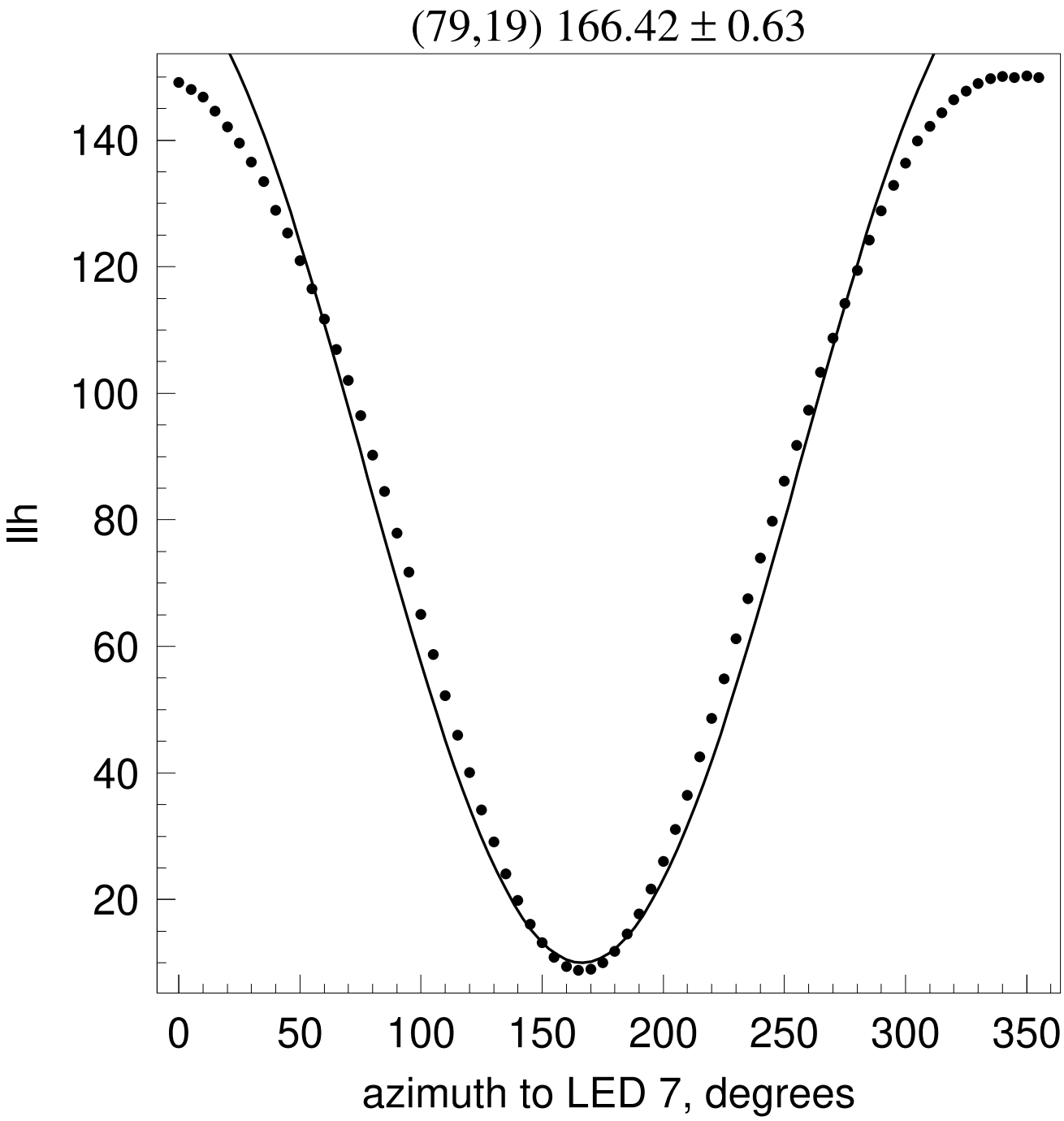

(79,14) 82.79 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

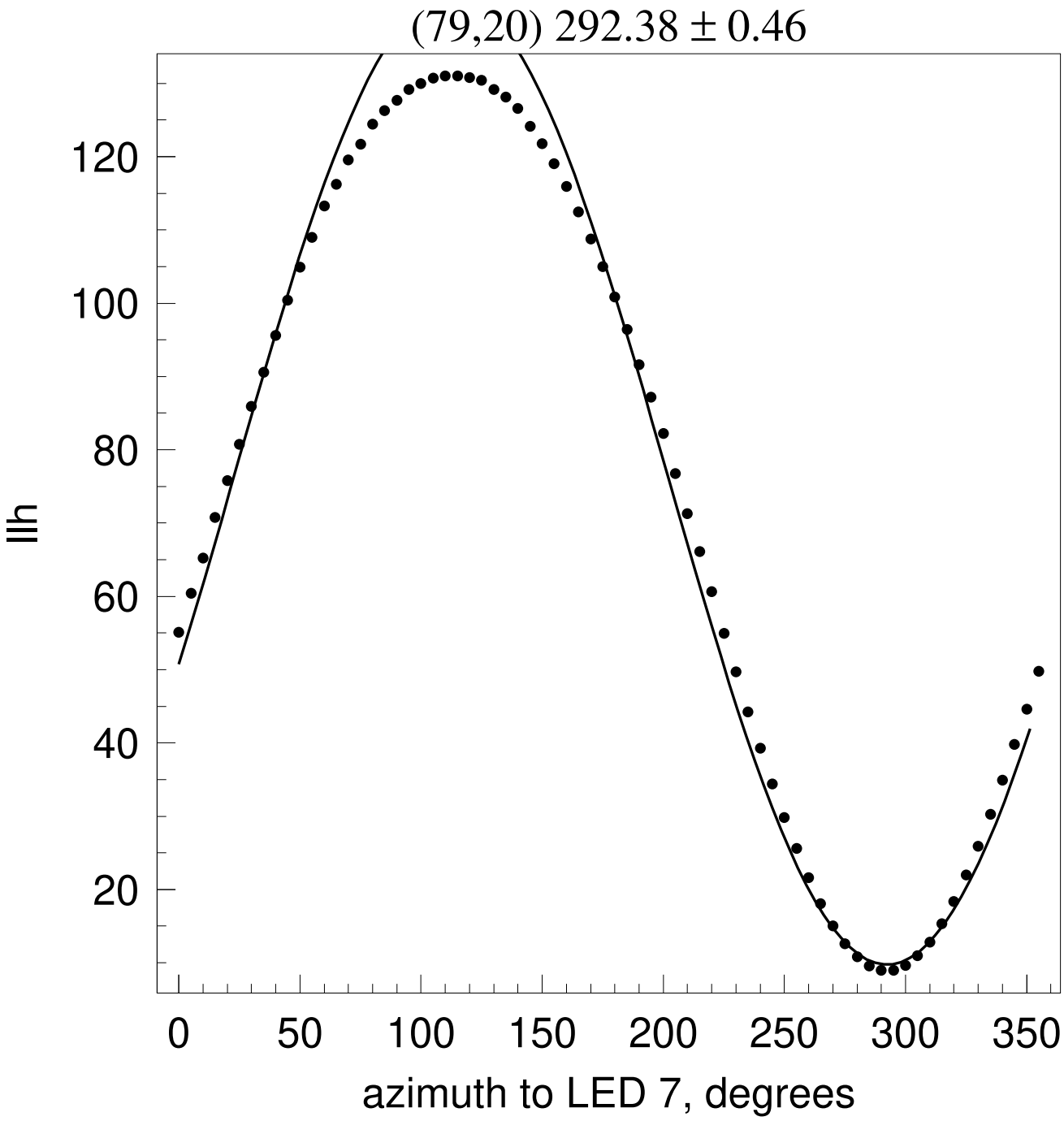

(79,15) 37.38 ± 0.56
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

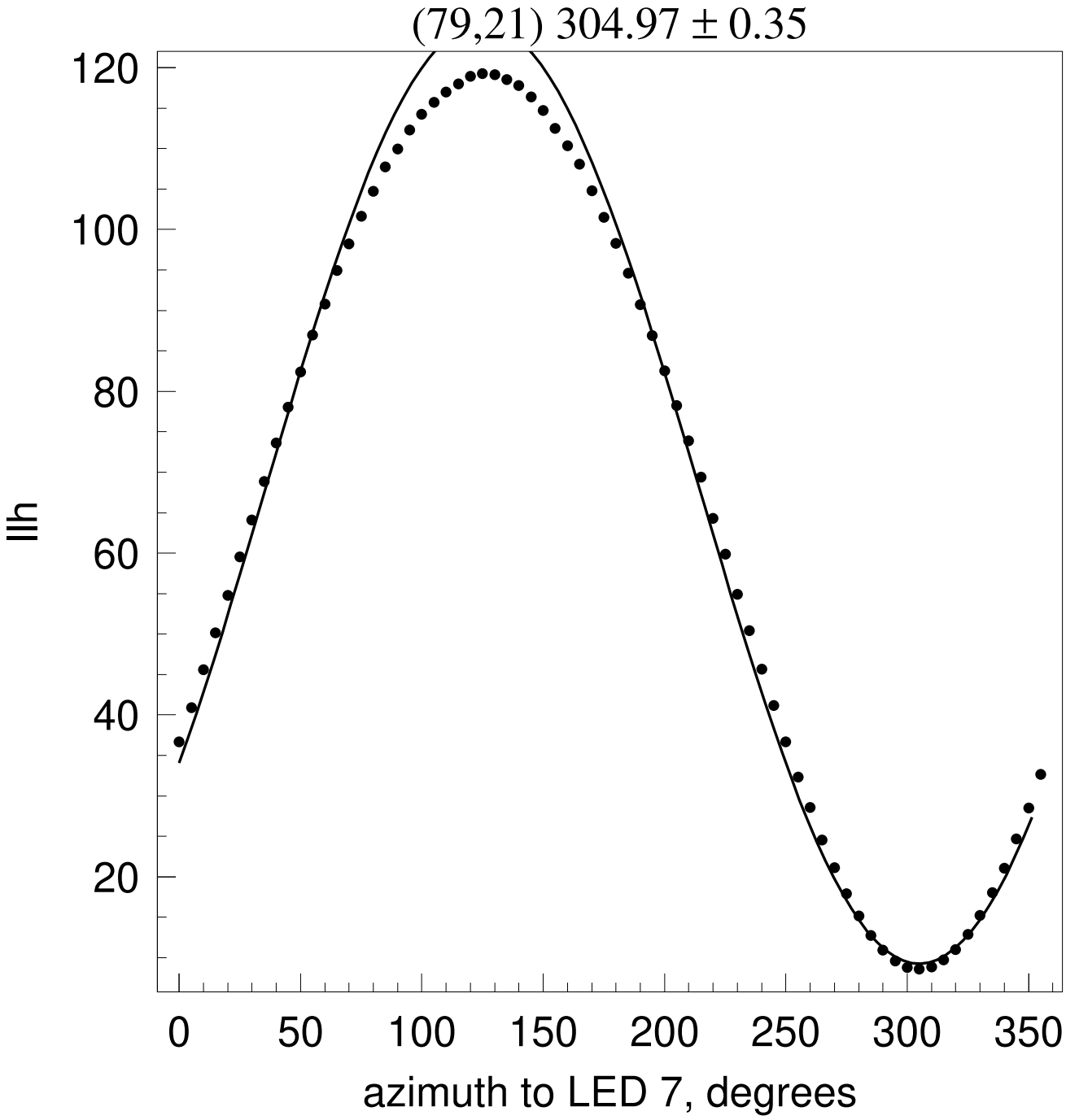

(79,16) 252.14 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

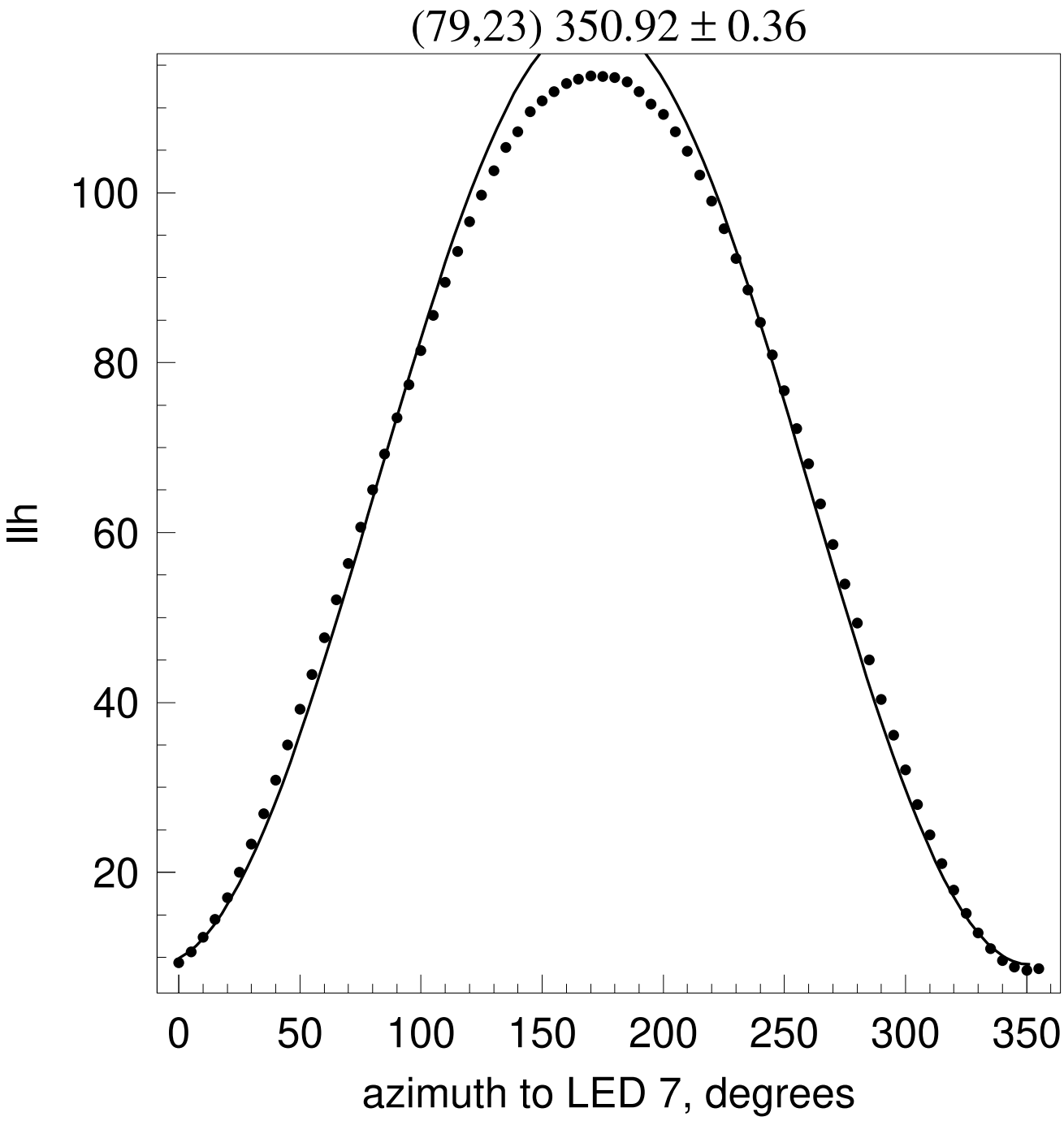

(79,17) 3.92 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

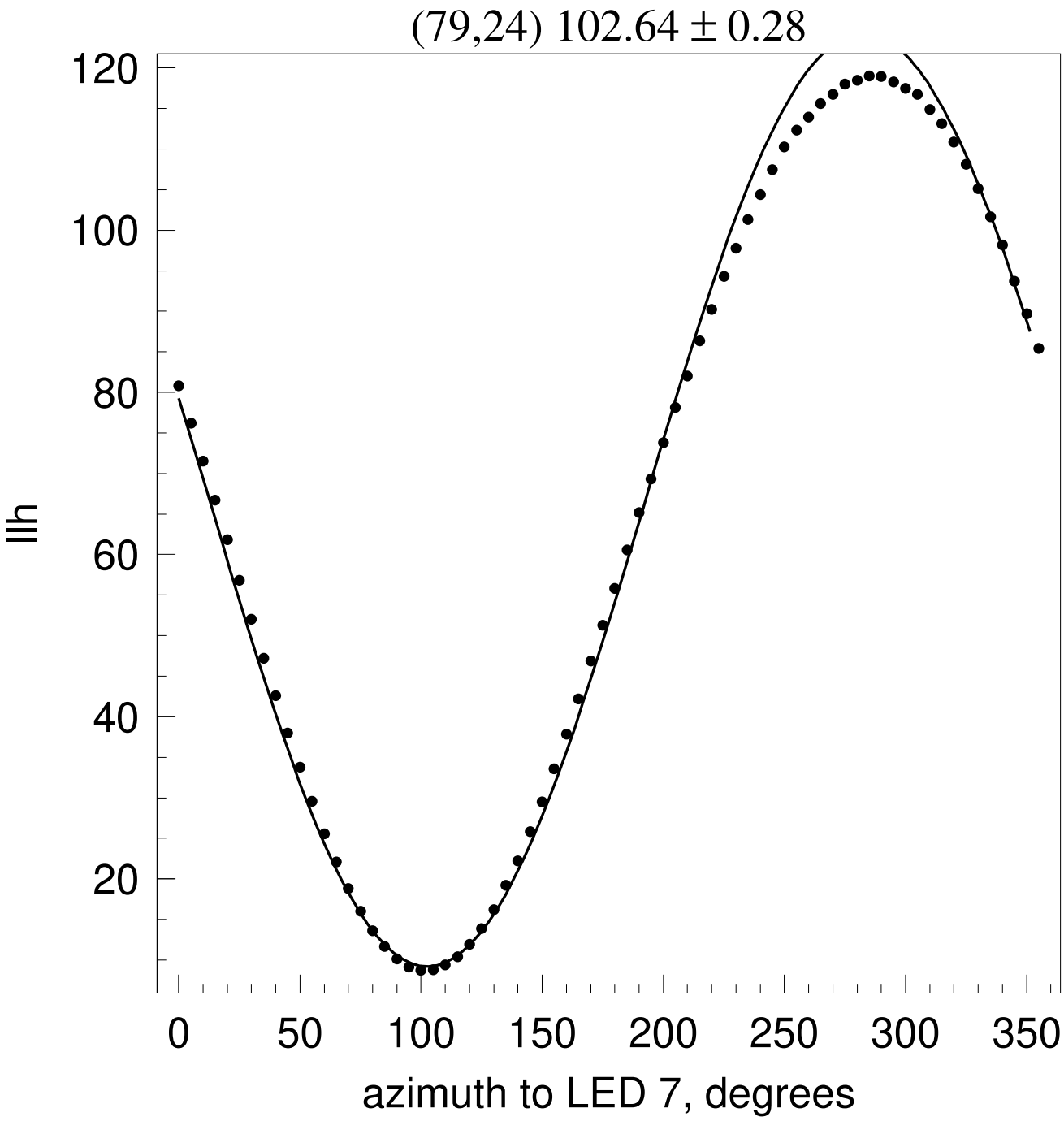

(79,18) 26.03 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

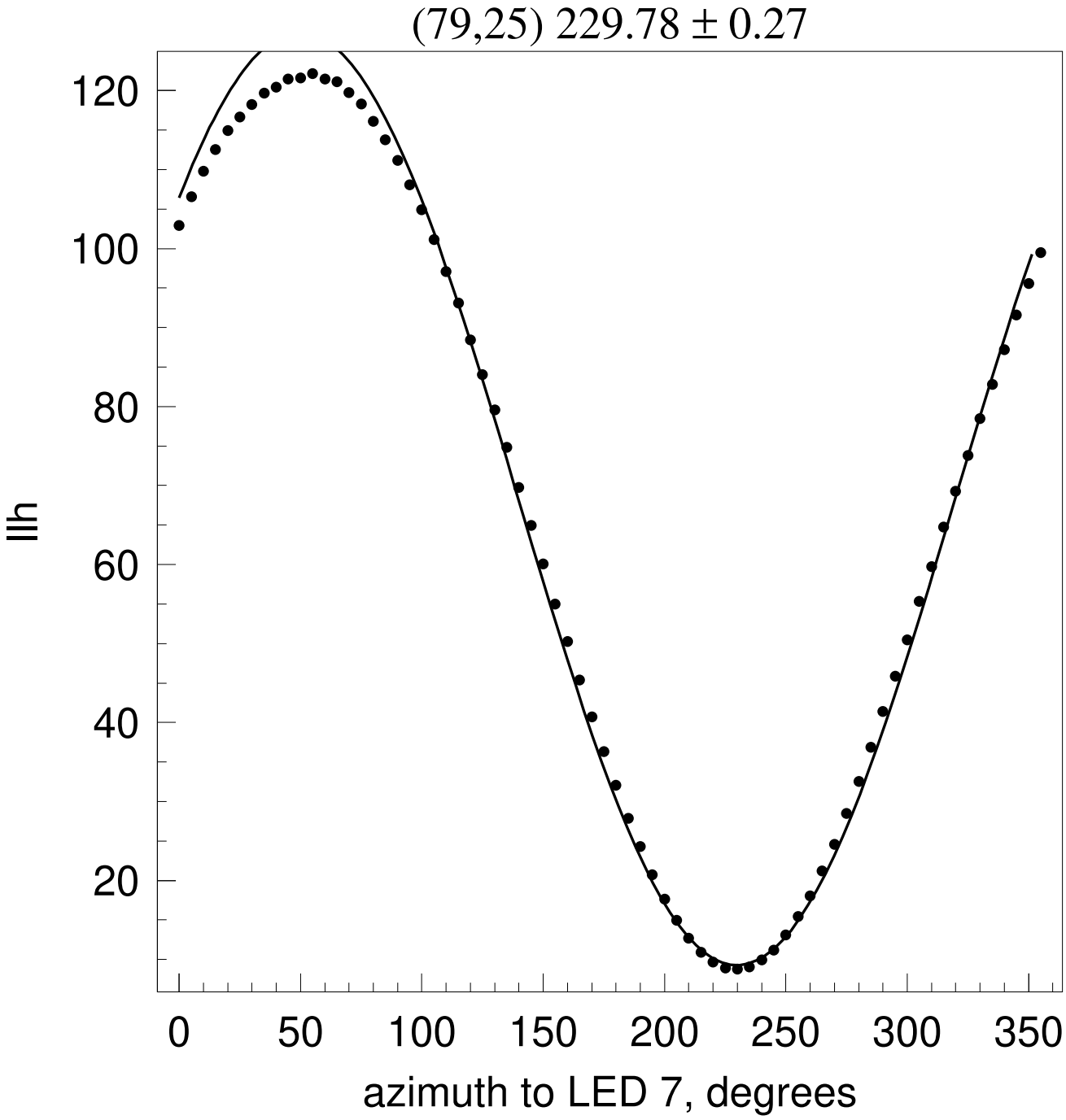

(79,19) 166.42 ± 0.63
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

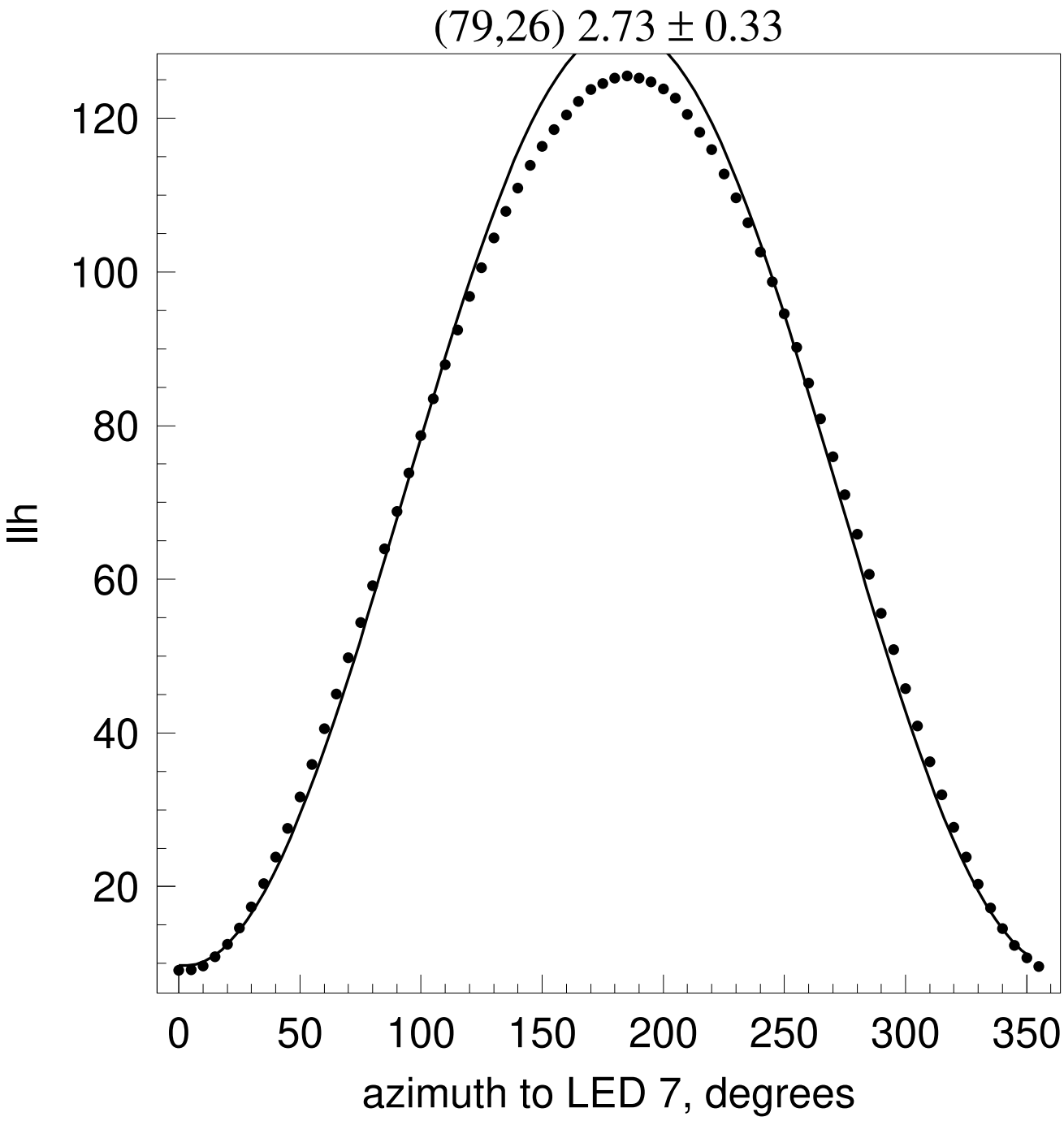

(79,20) 292.38 ± 0.46
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

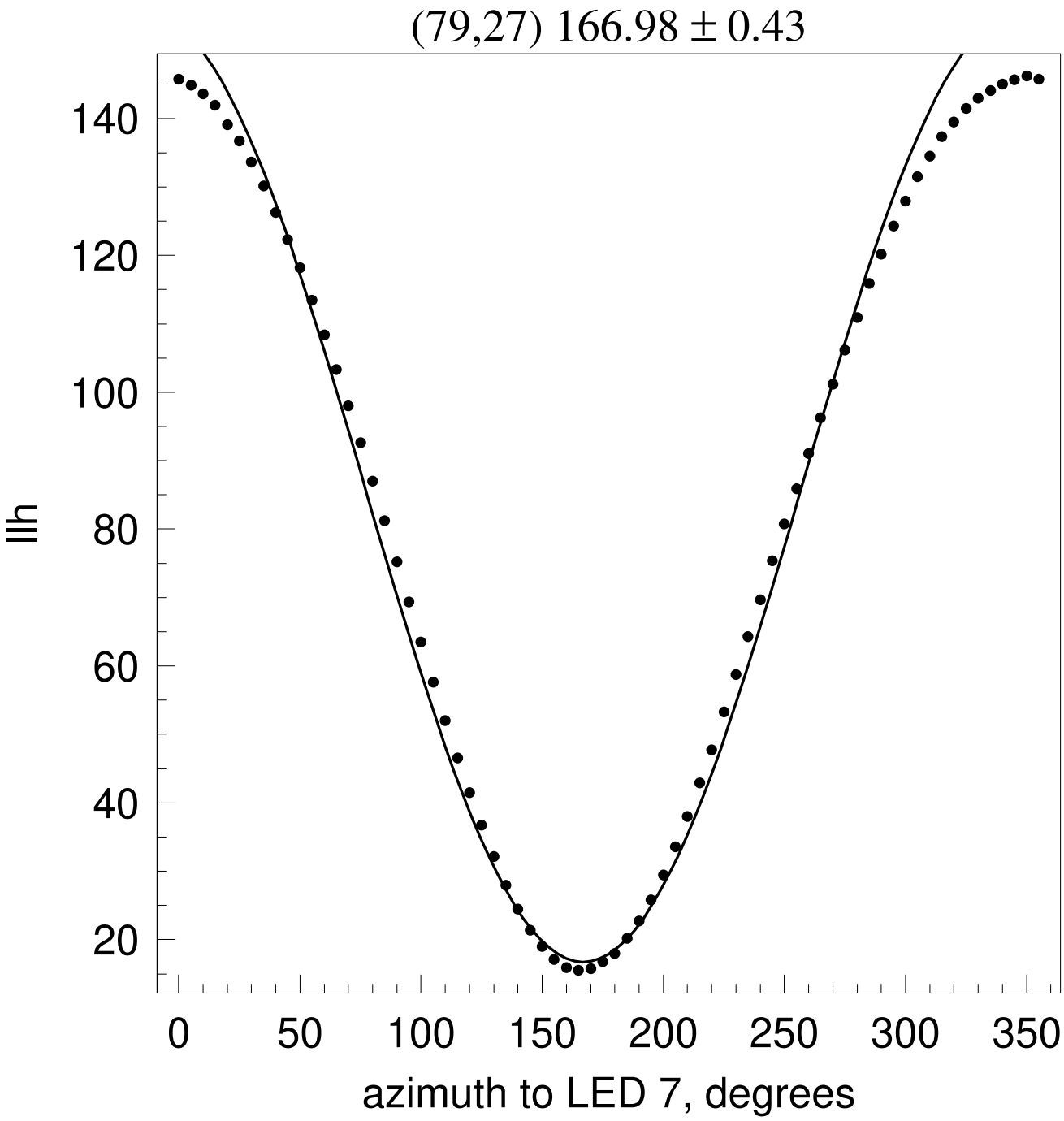

(79,21) 304.97 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

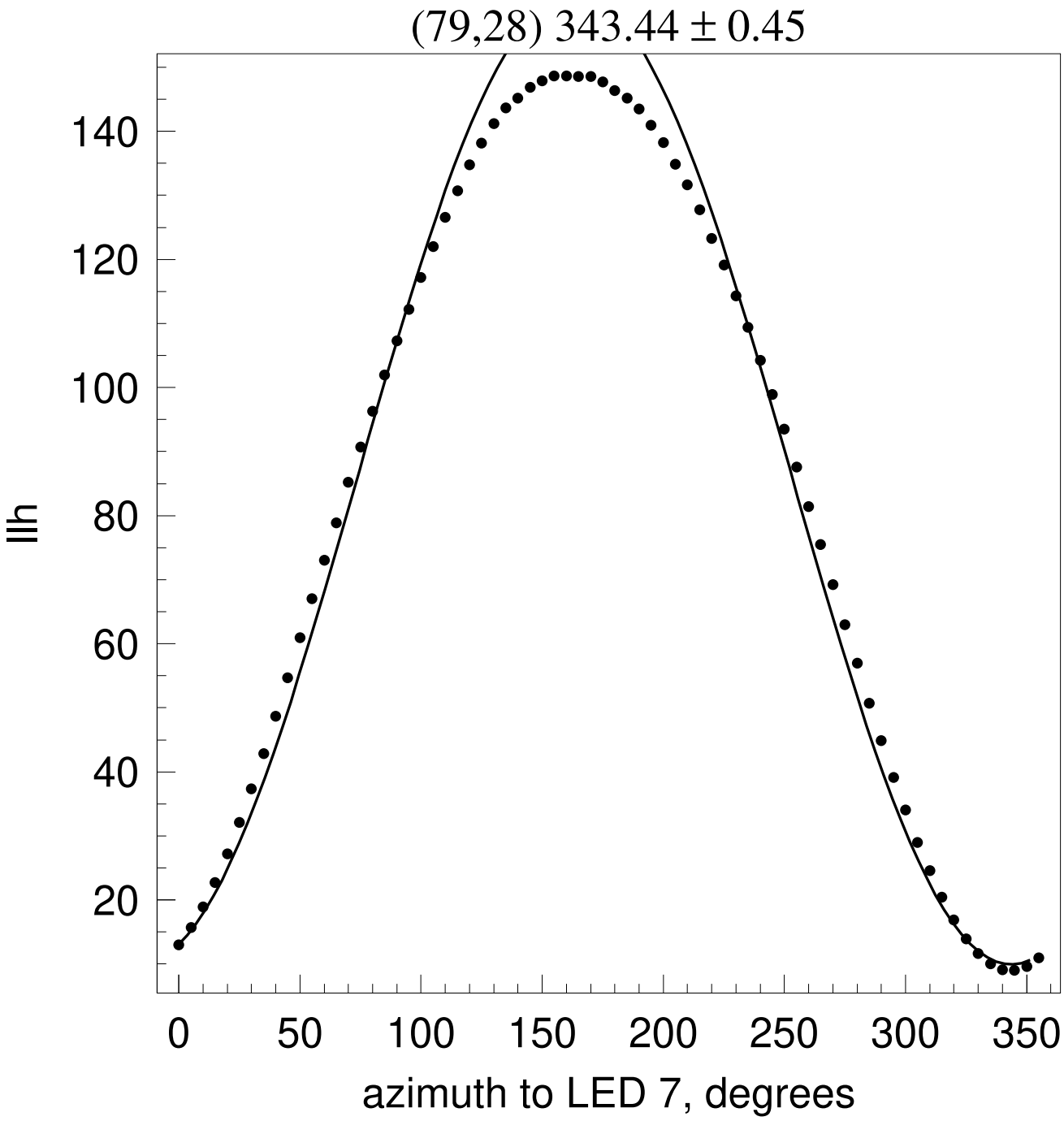

(79,23) 350.92 ± 0.36
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

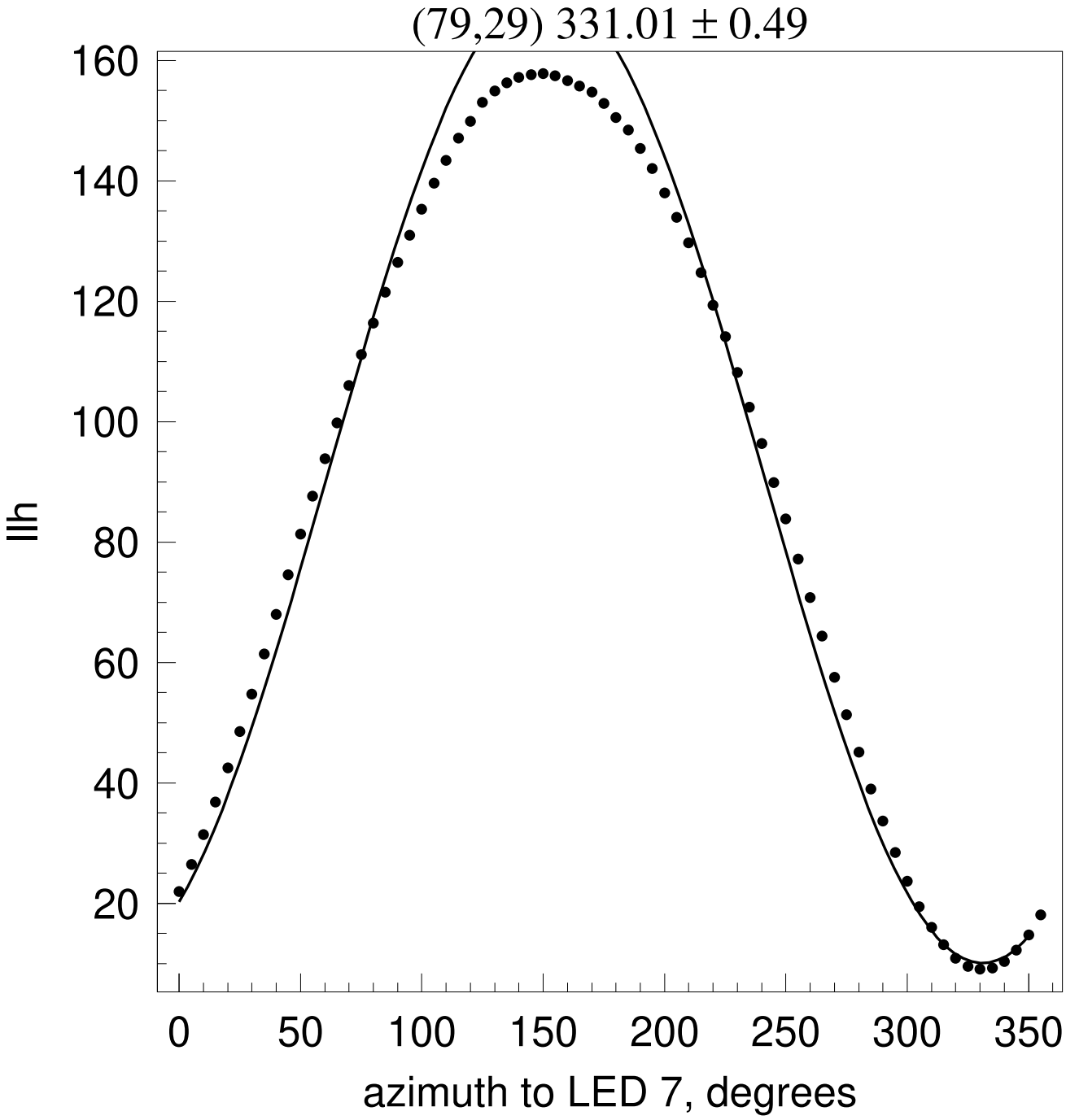

(79,24) 102.64 ± 0.28
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

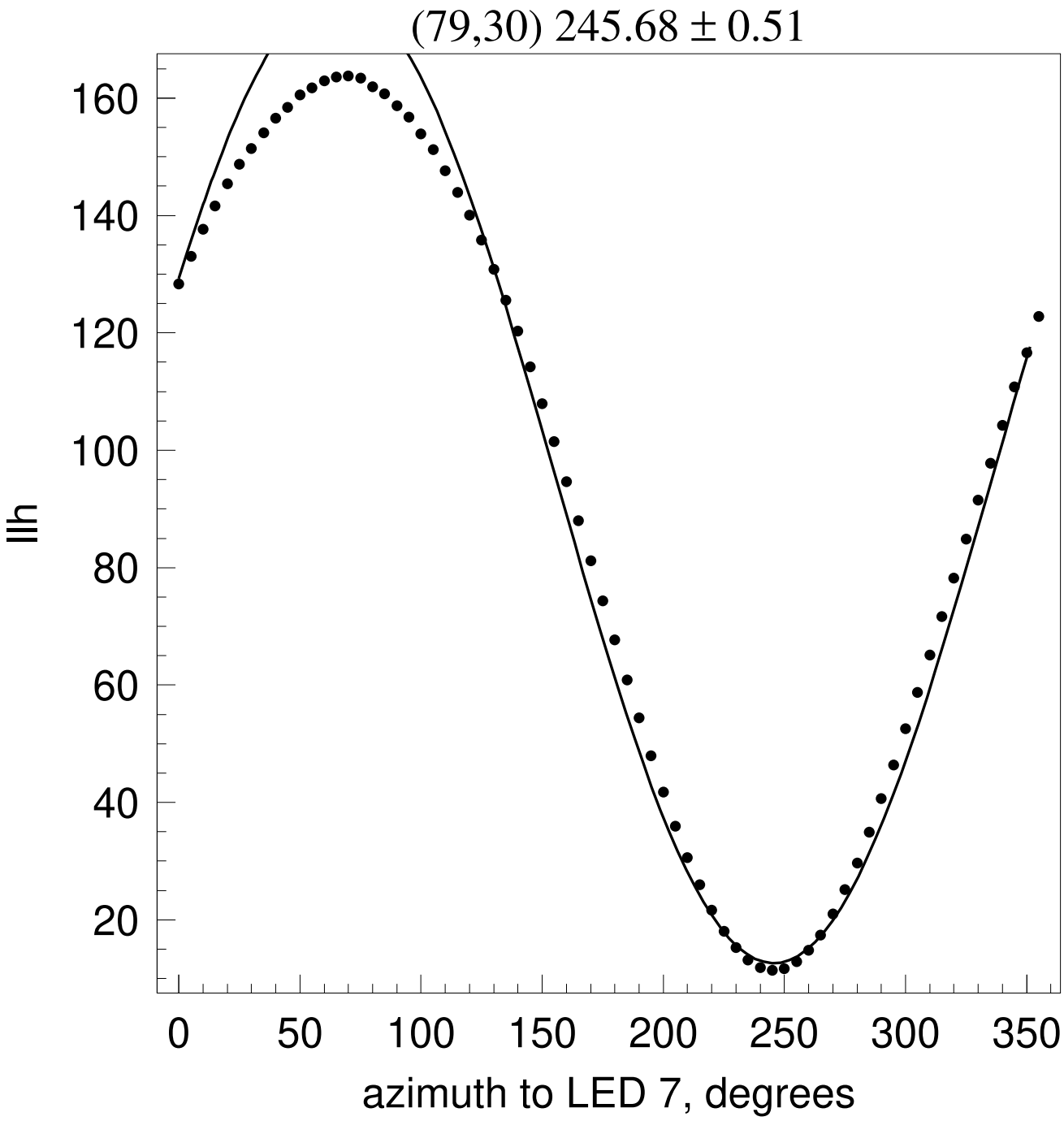

(79,25) 229.78 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

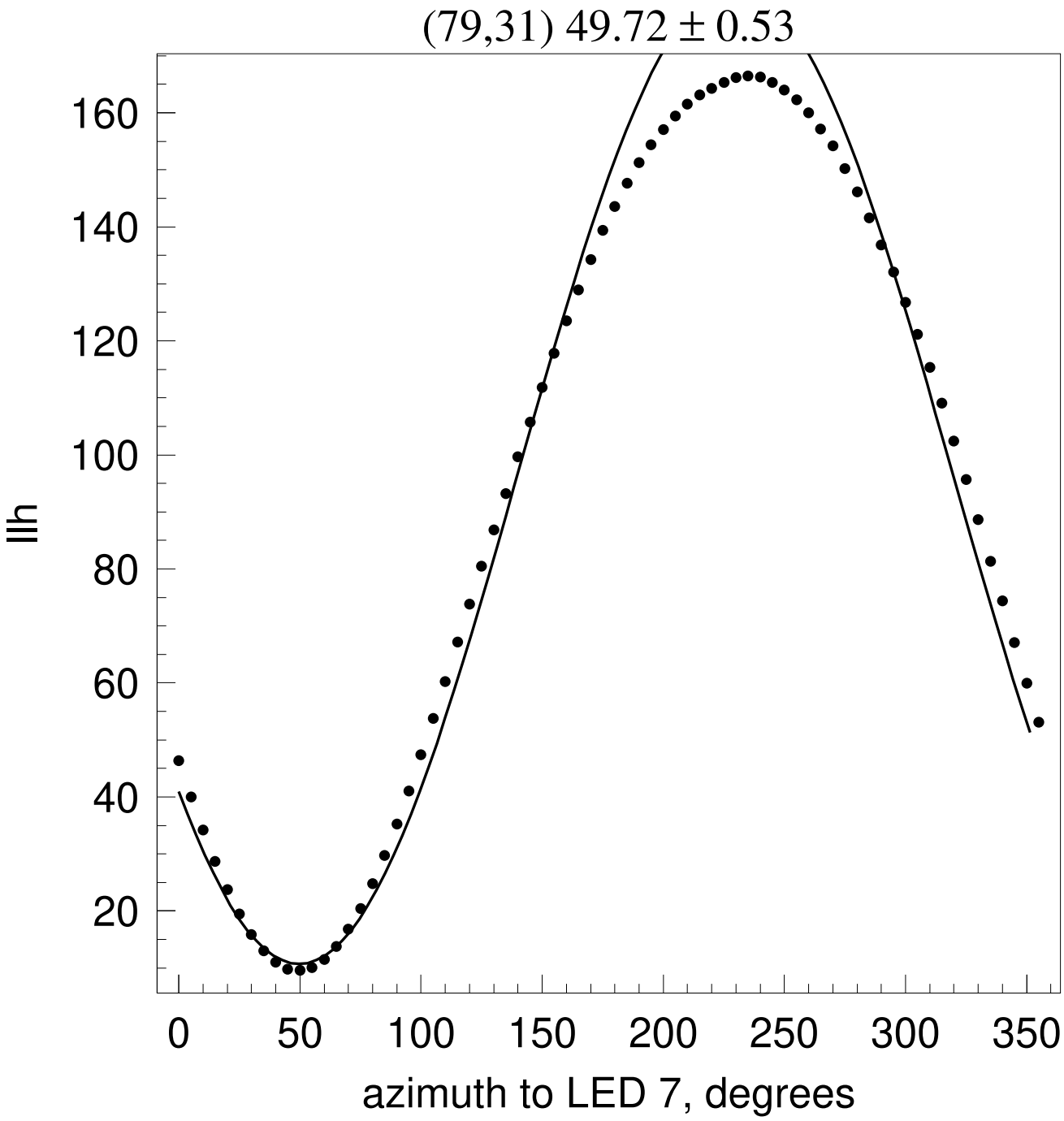

(79,26) 2.73 ± 0.33
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

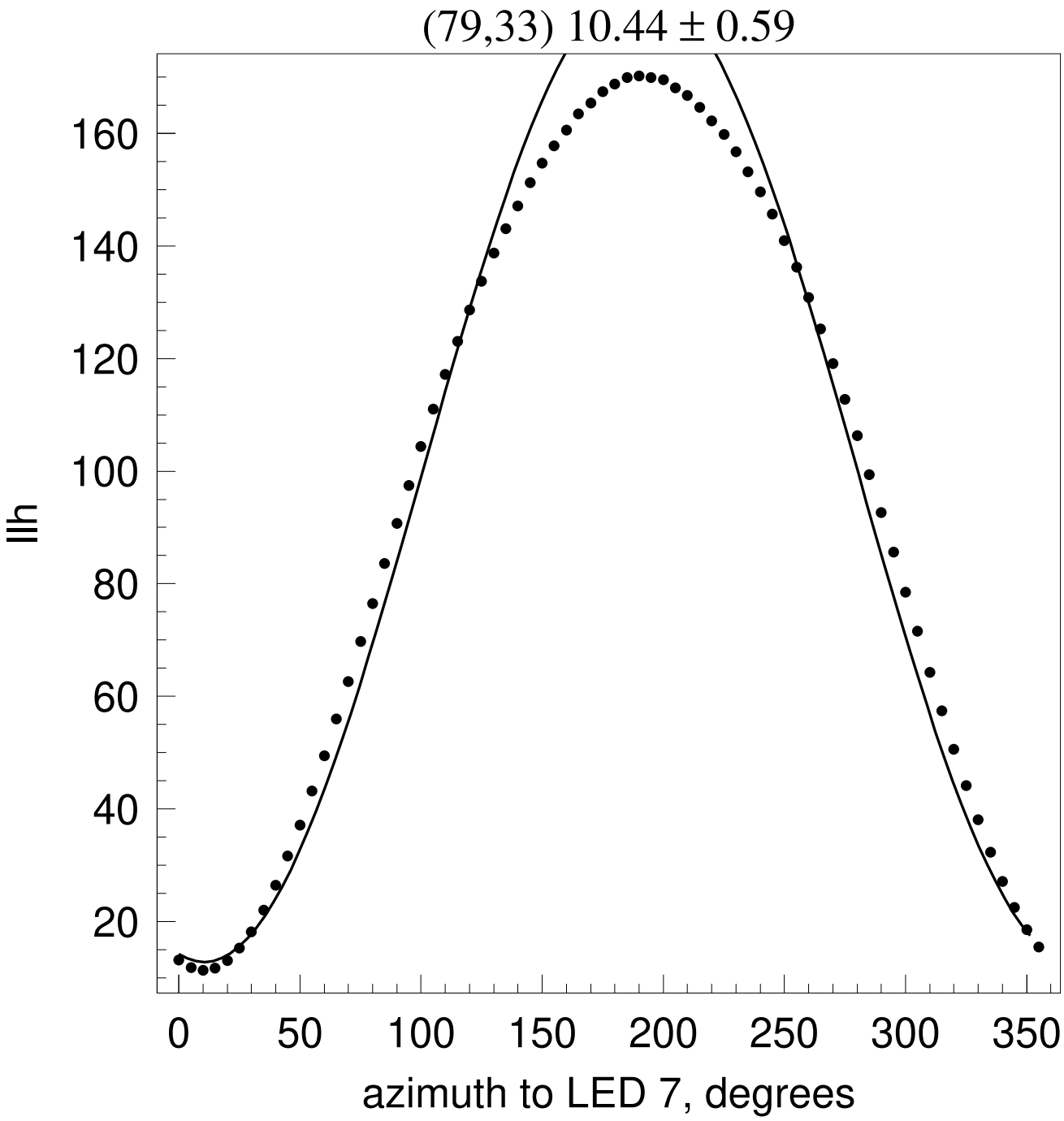

(79,27) 166.98 ± 0.43
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

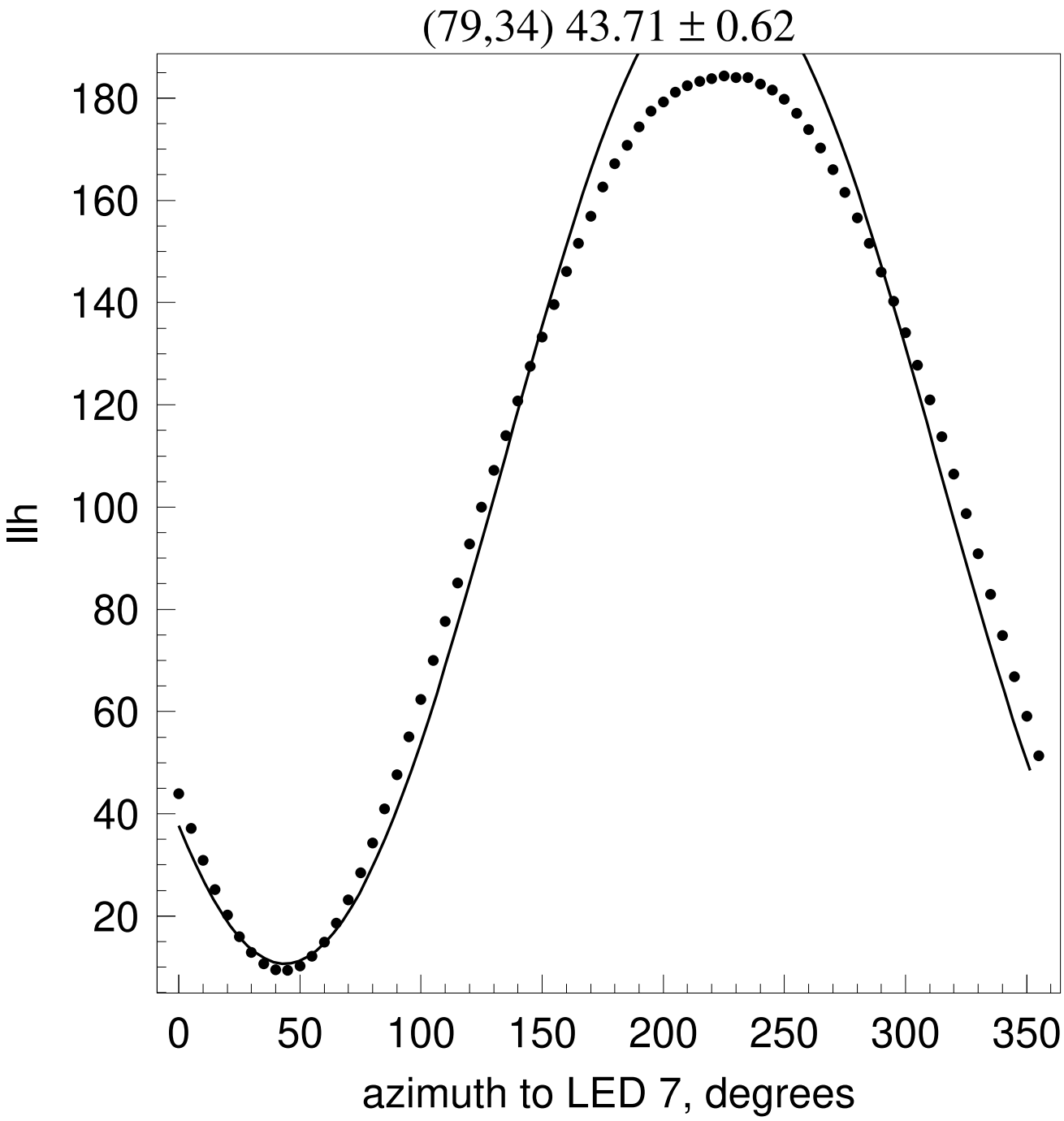

(79,28) 343.44 ± 0.45
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

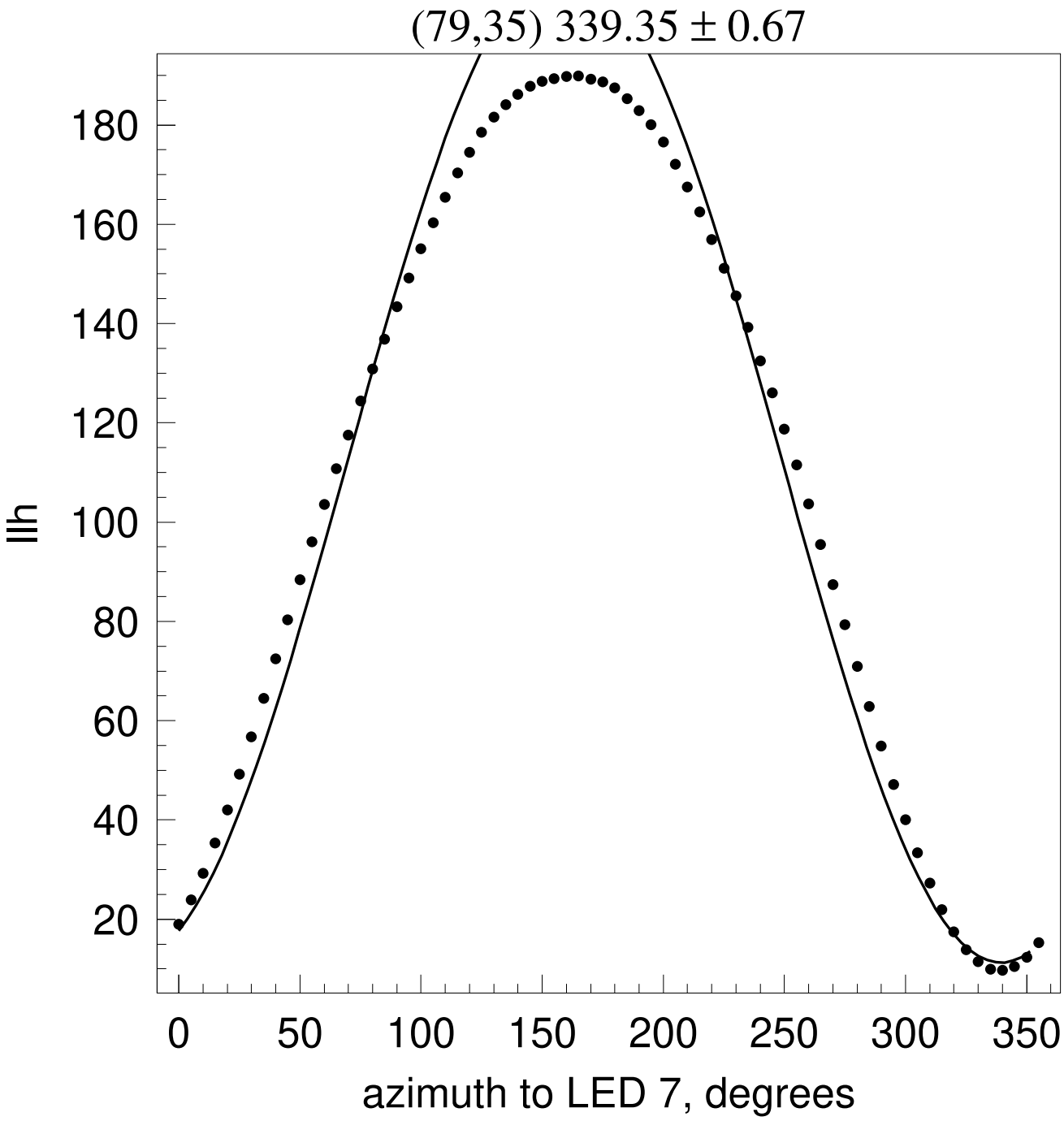

(79,29) 331.01 ± 0.49
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

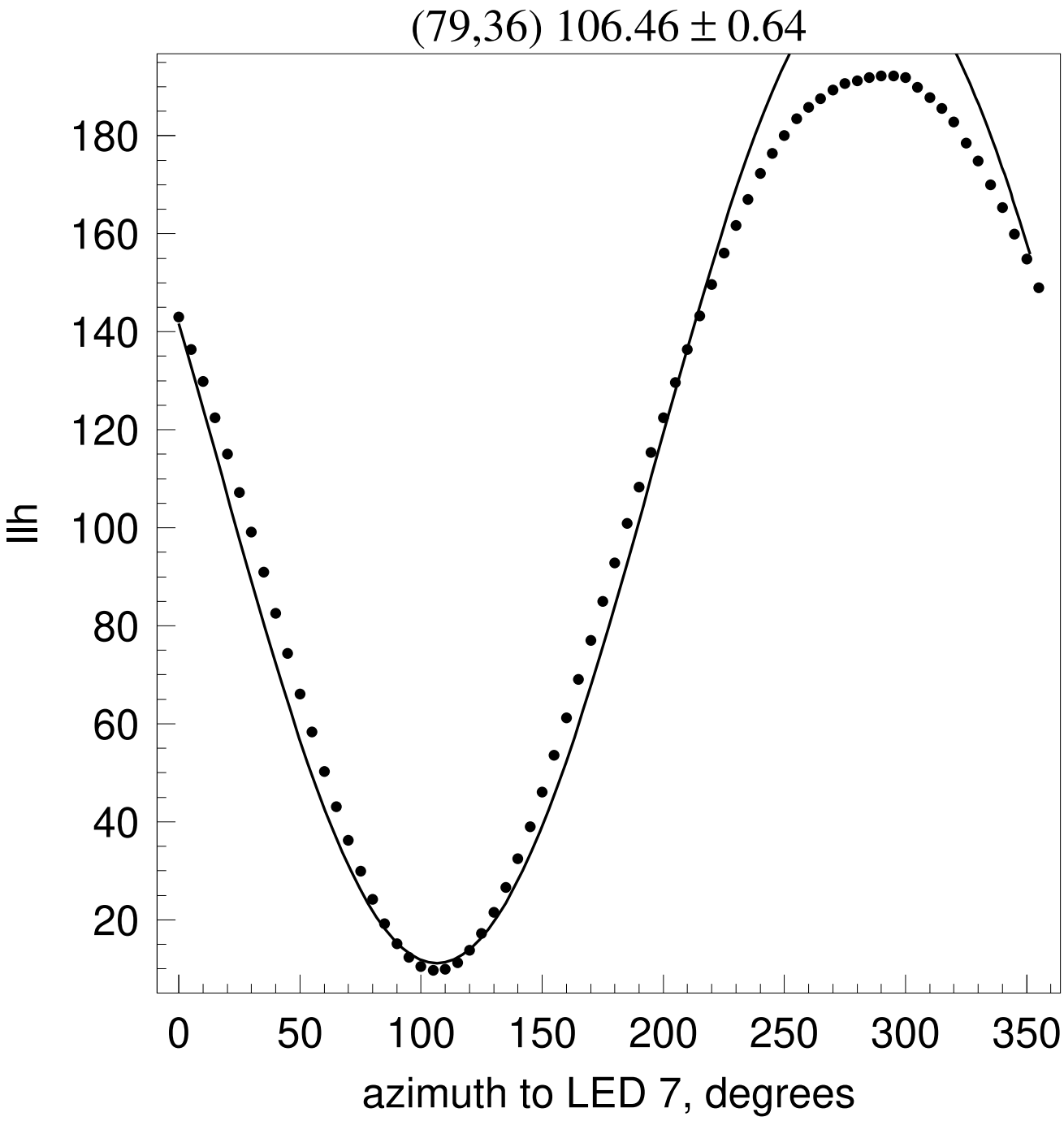

(79,30) 245.68 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

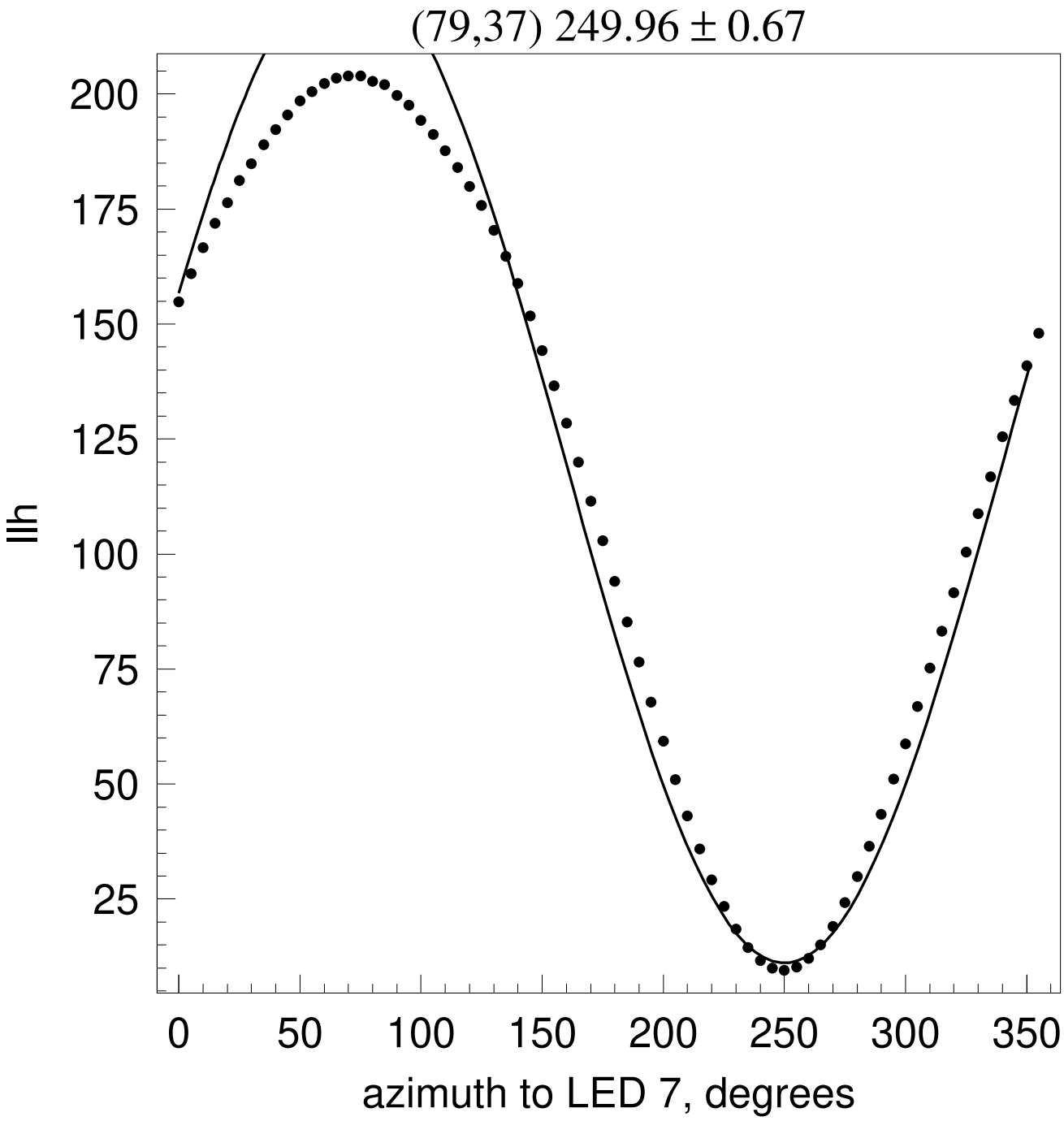

(79,31) 49.72 ± 0.53
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

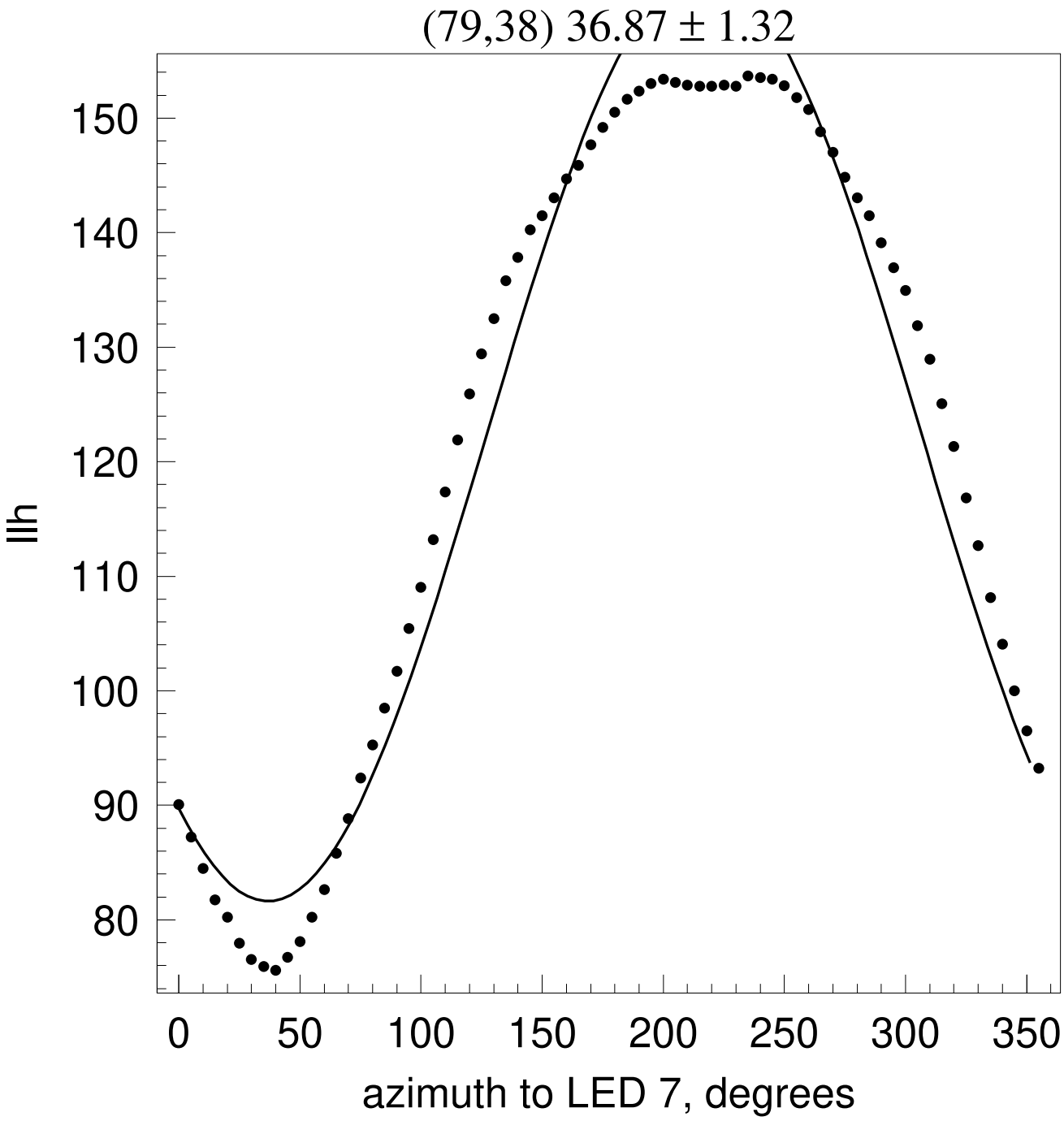

(79,33) 10.44 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

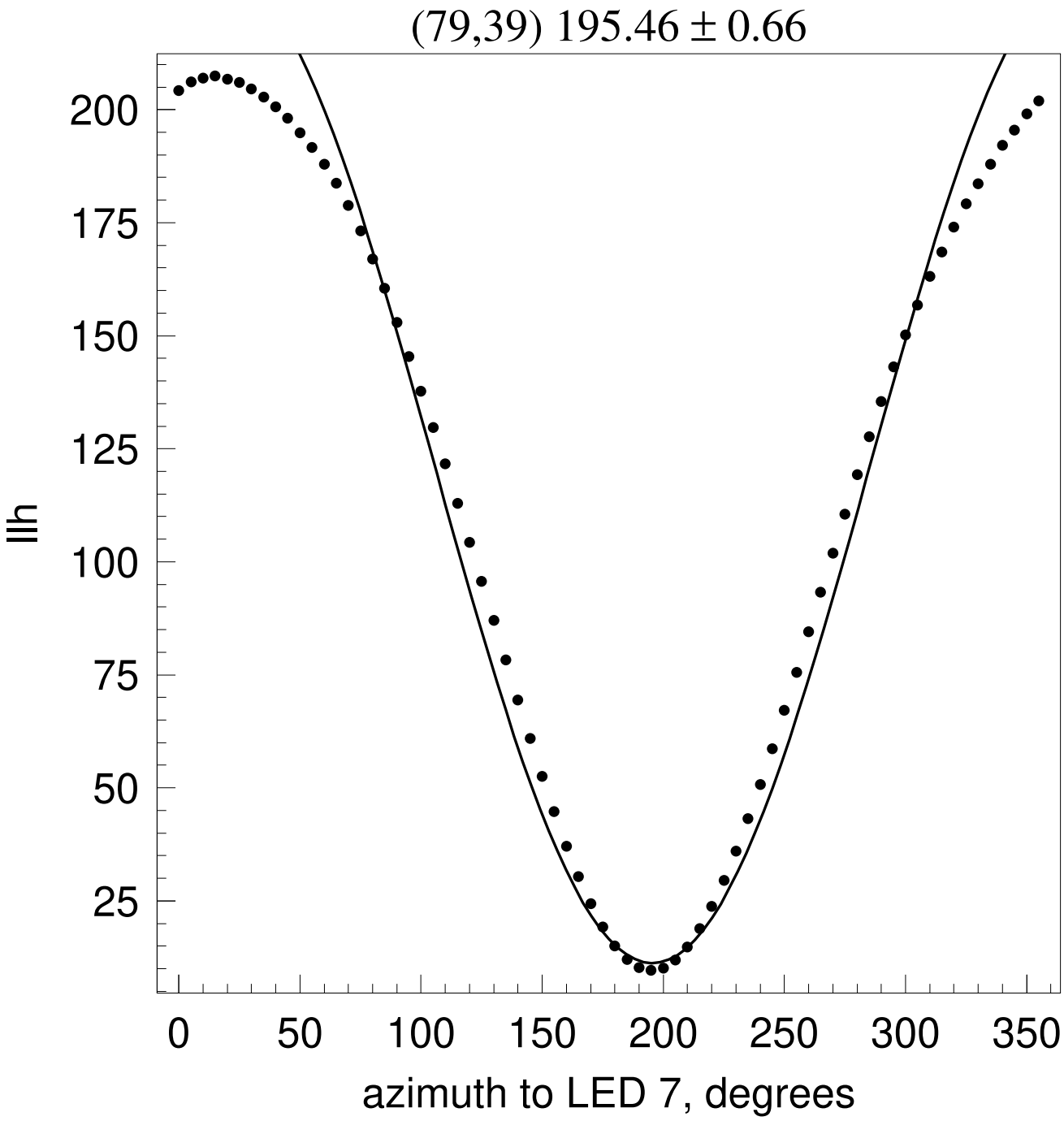

(79,34) 43.71 ± 0.62
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

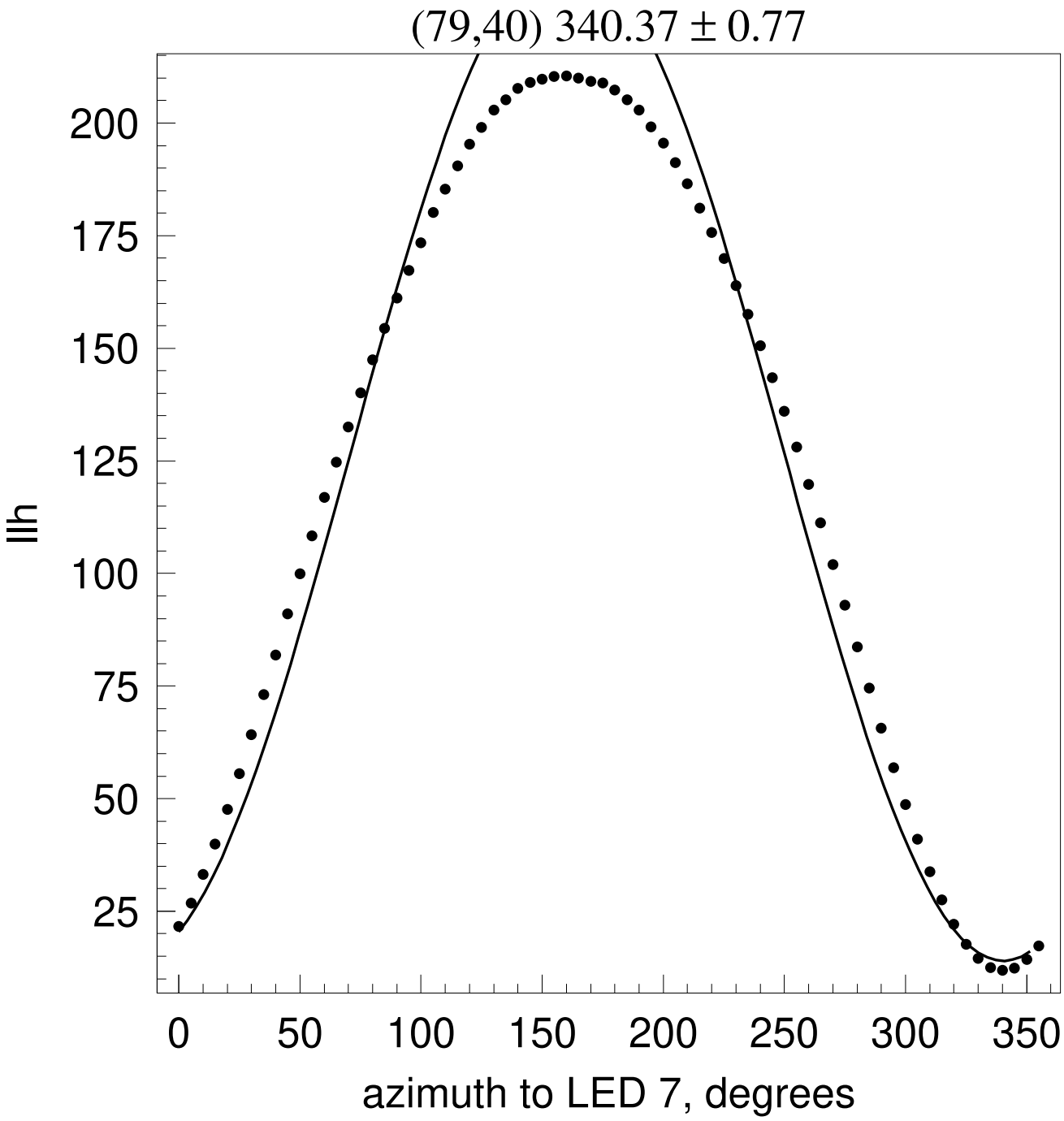

(79,35) 339.35 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

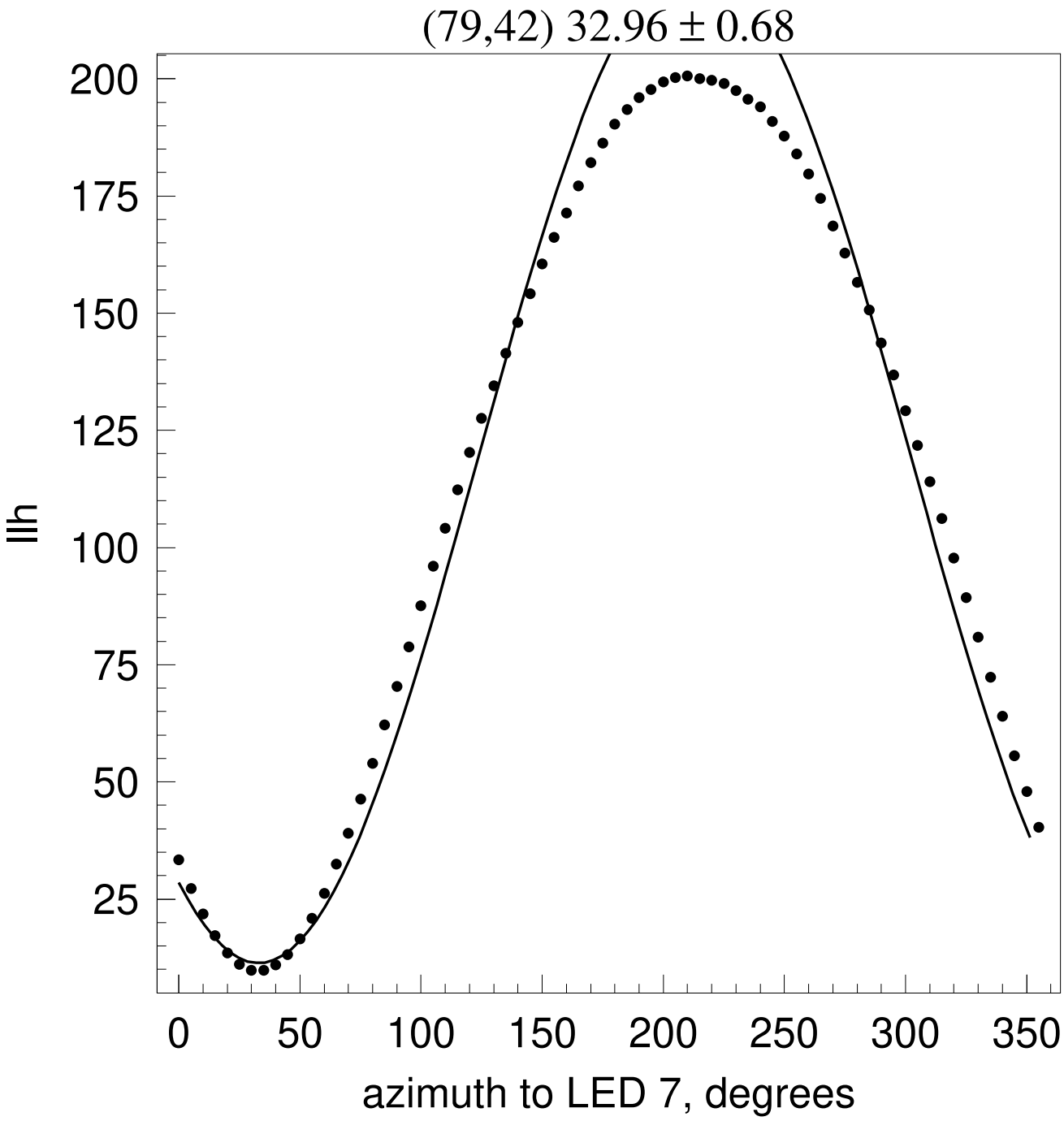

(79,36) 106.46 ± 0.64
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

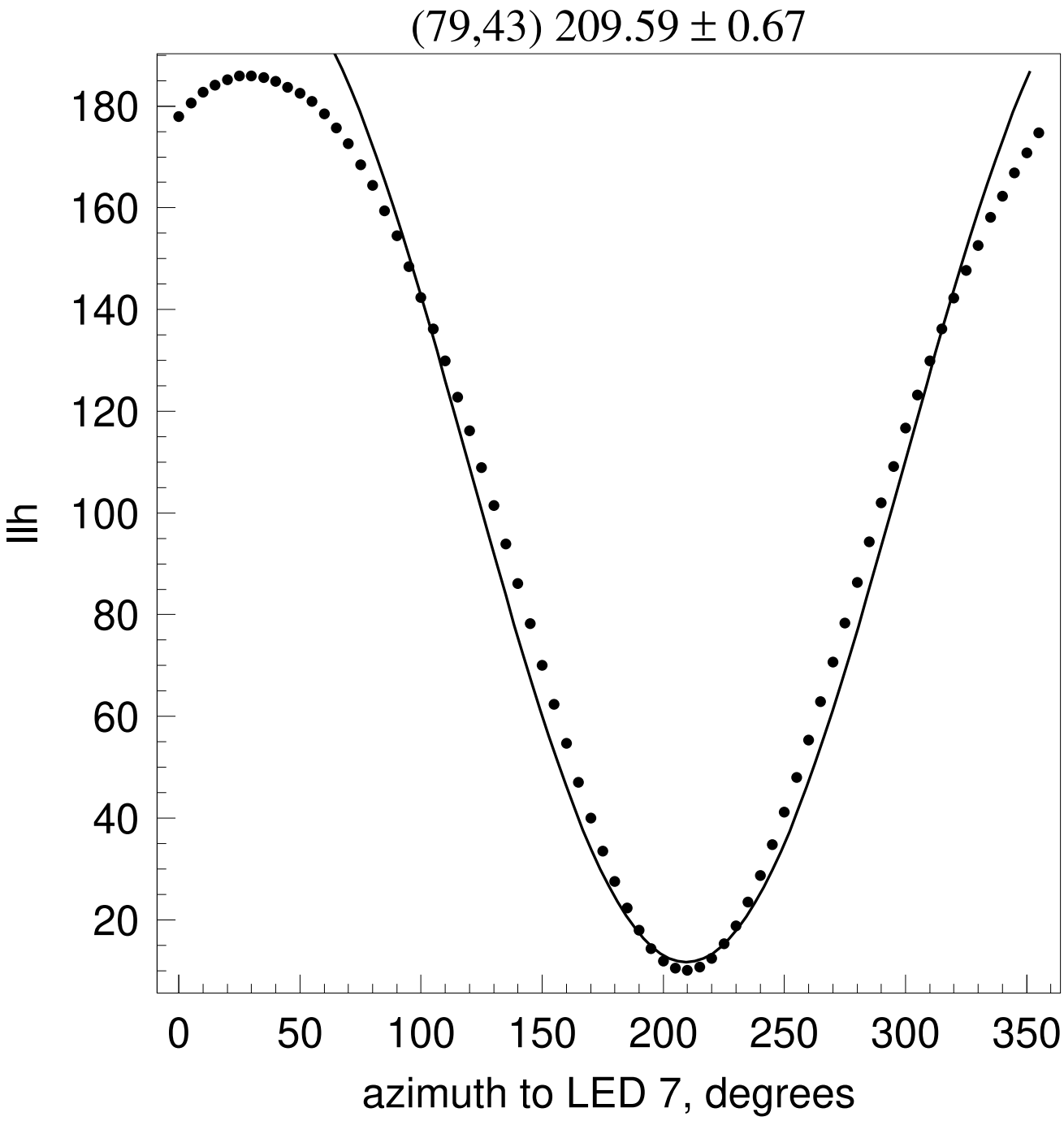

(79,37) 249.96 ± 0.67
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

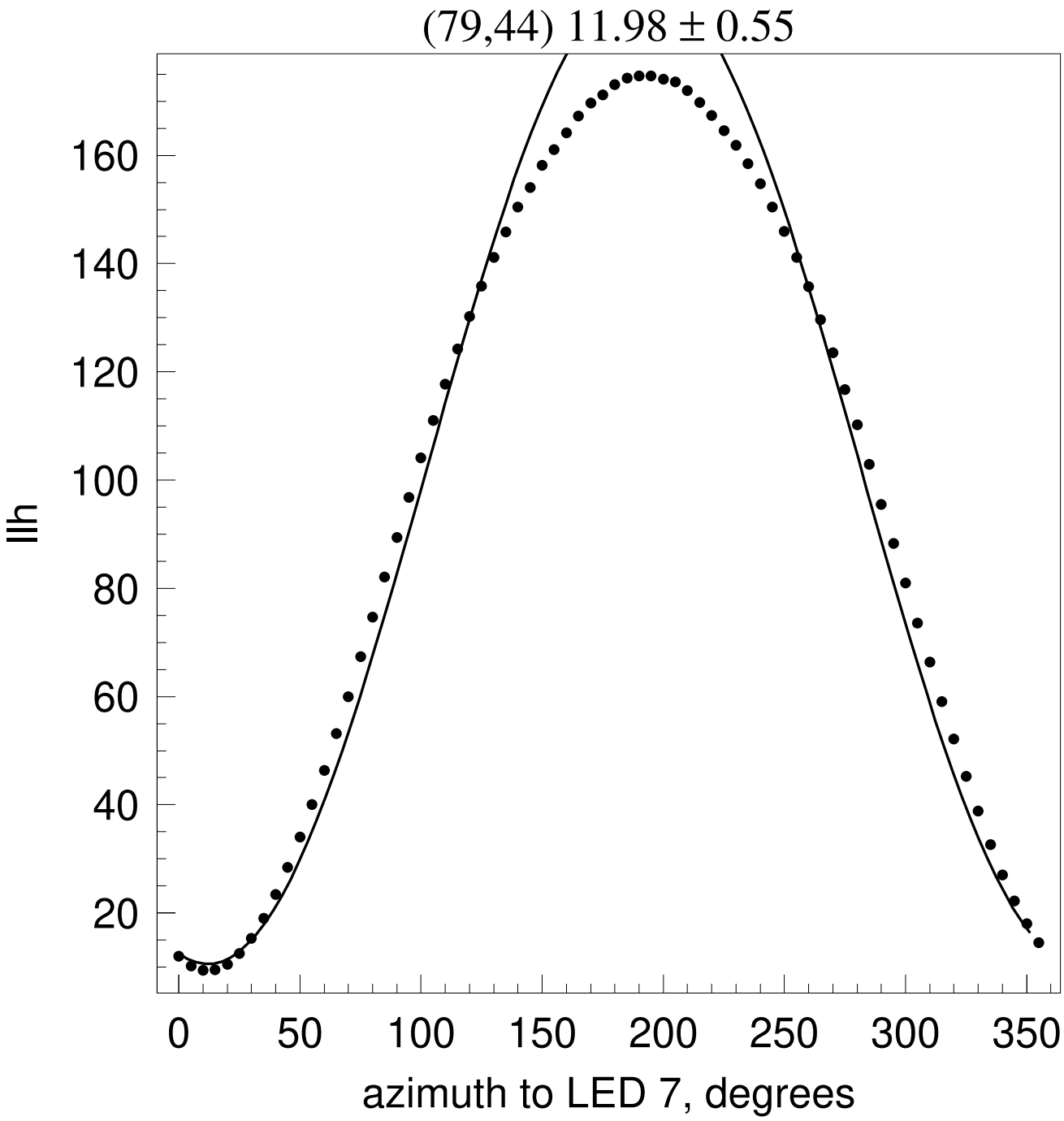

(79,38) 36.87 ± 1.32
150
140
130
120
110
100
90
80
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

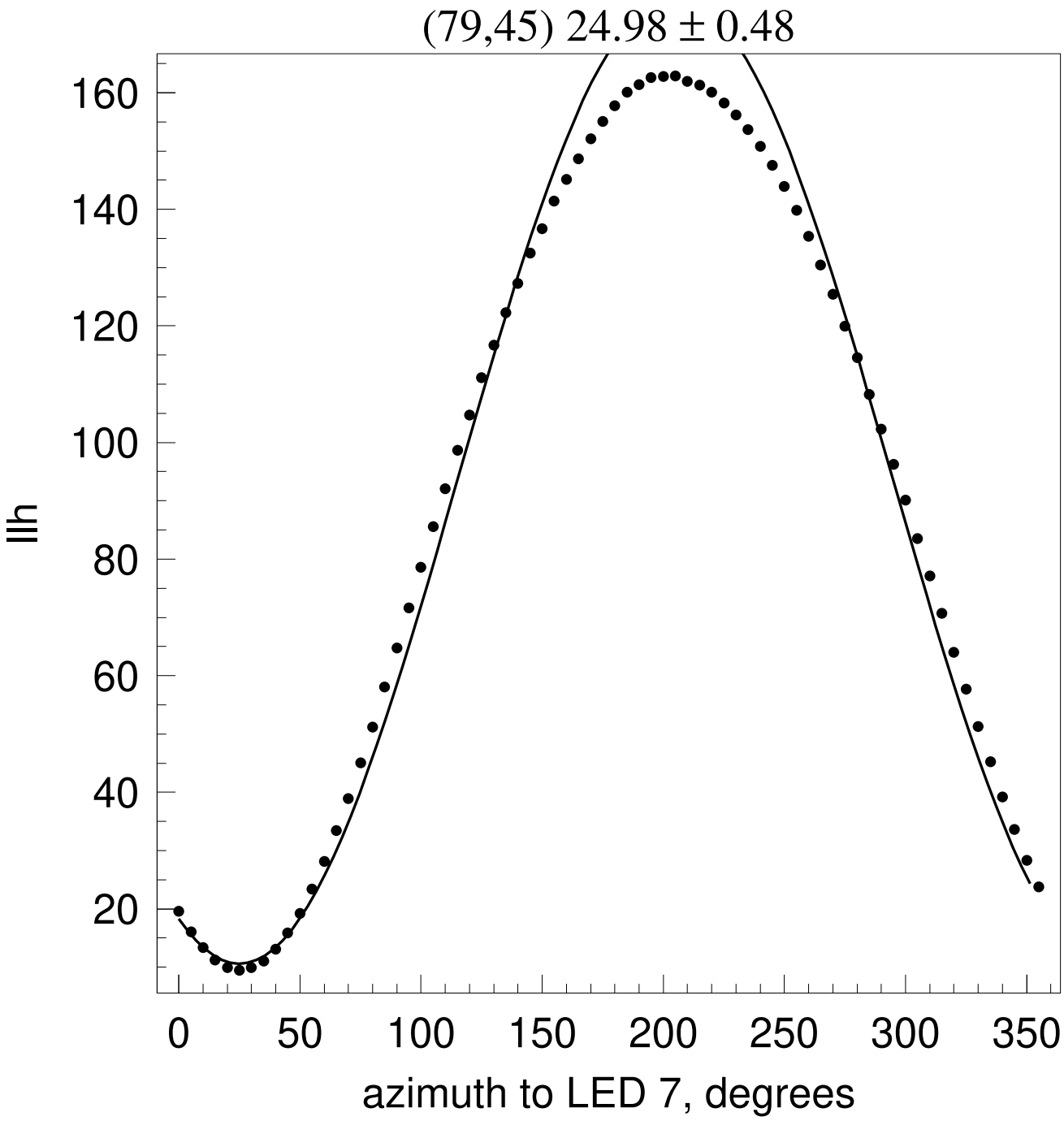

(79,39) 195.46 ± 0.66
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

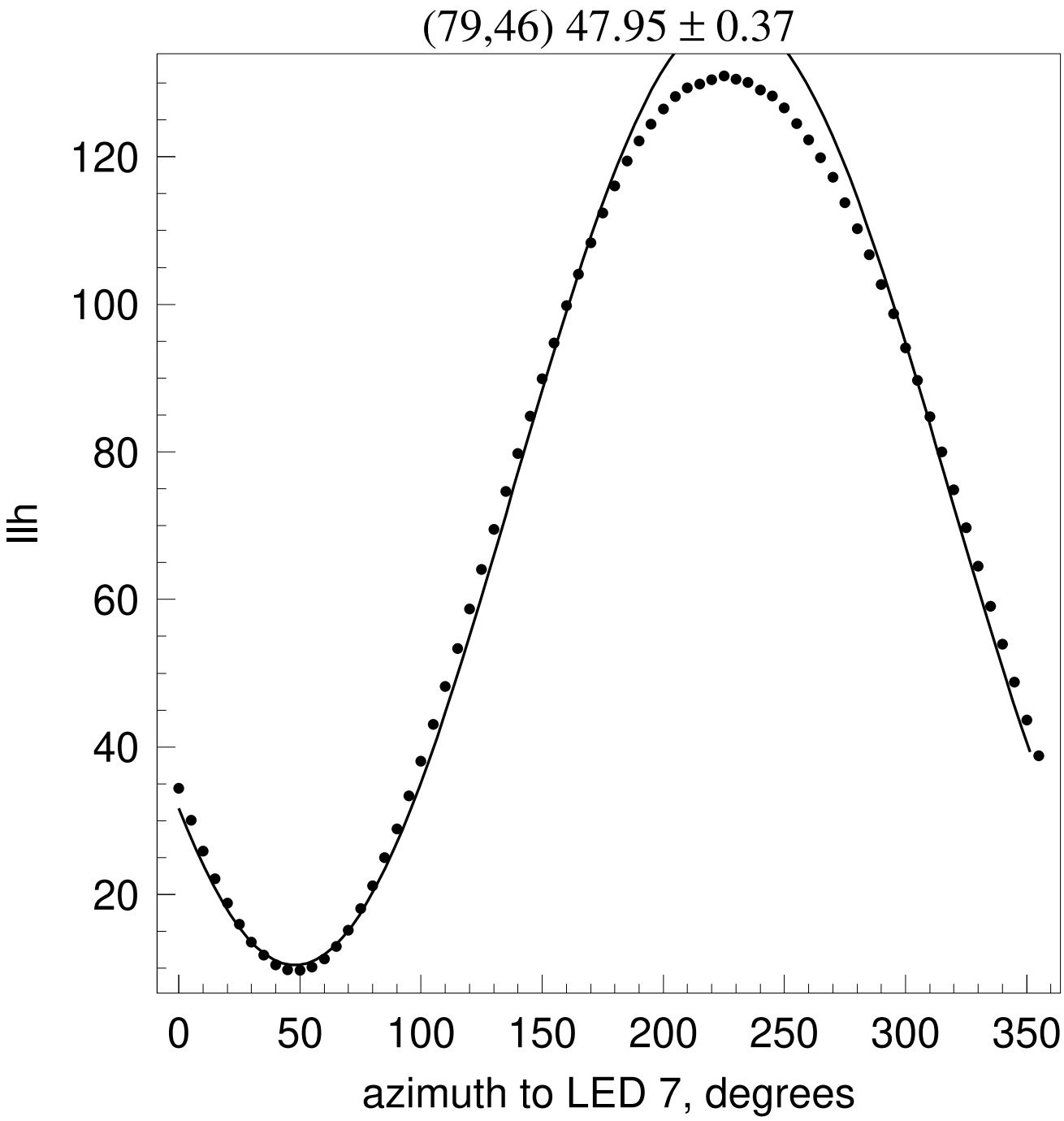

(79,40) 340.37 ± 0.77
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

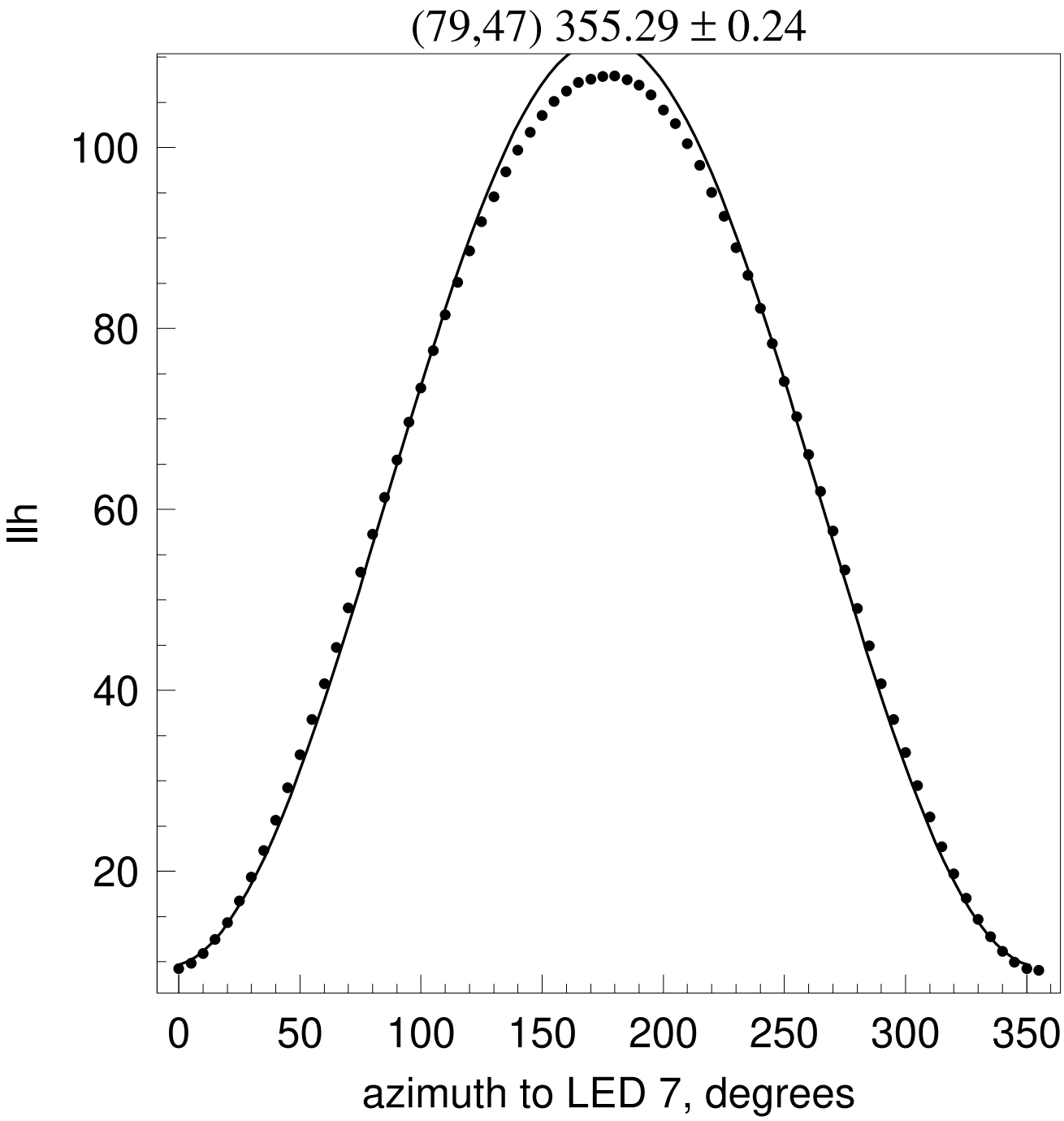

(79,42) 32.96 ± 0.68
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

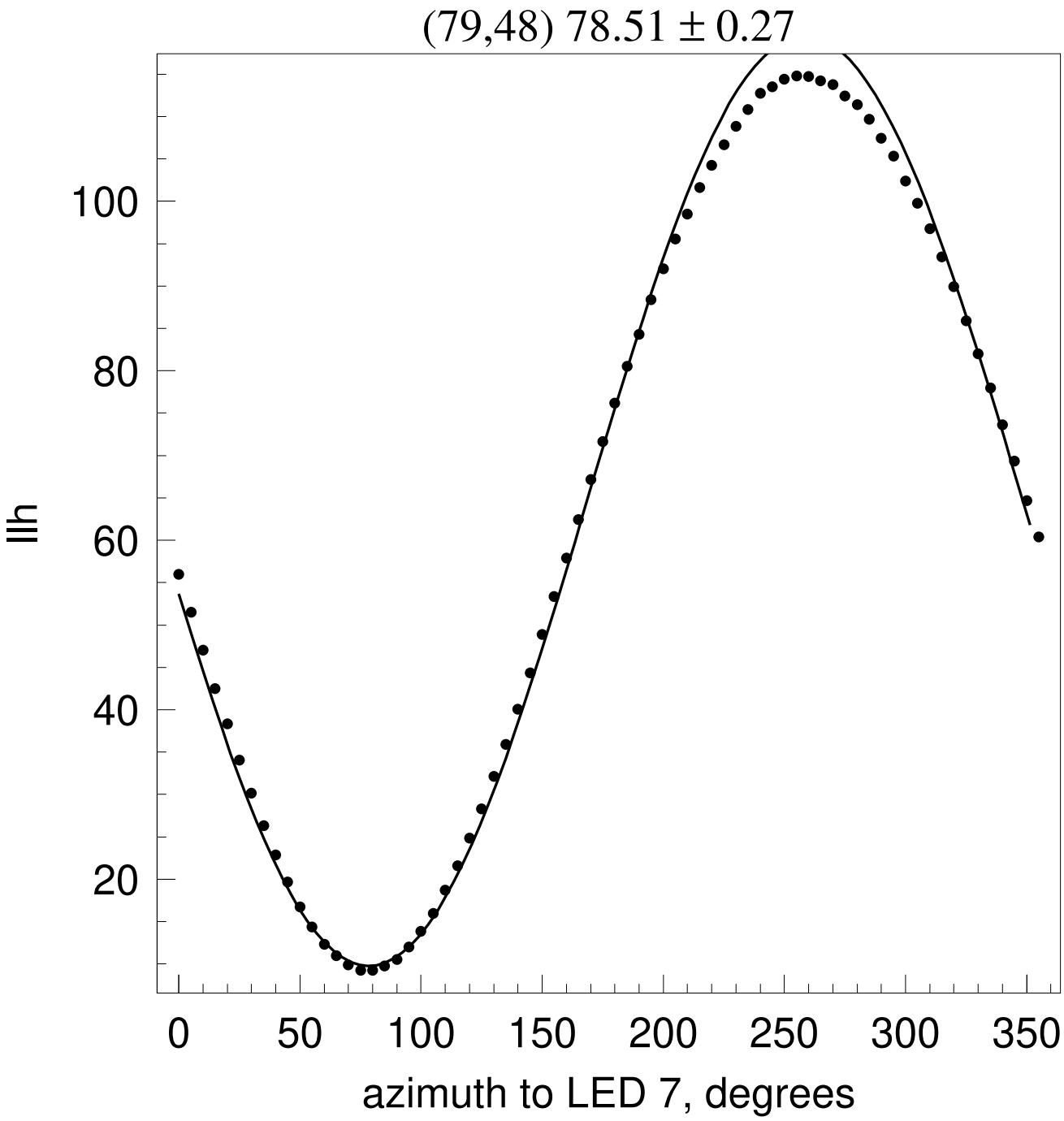

(79,43) 209.59 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

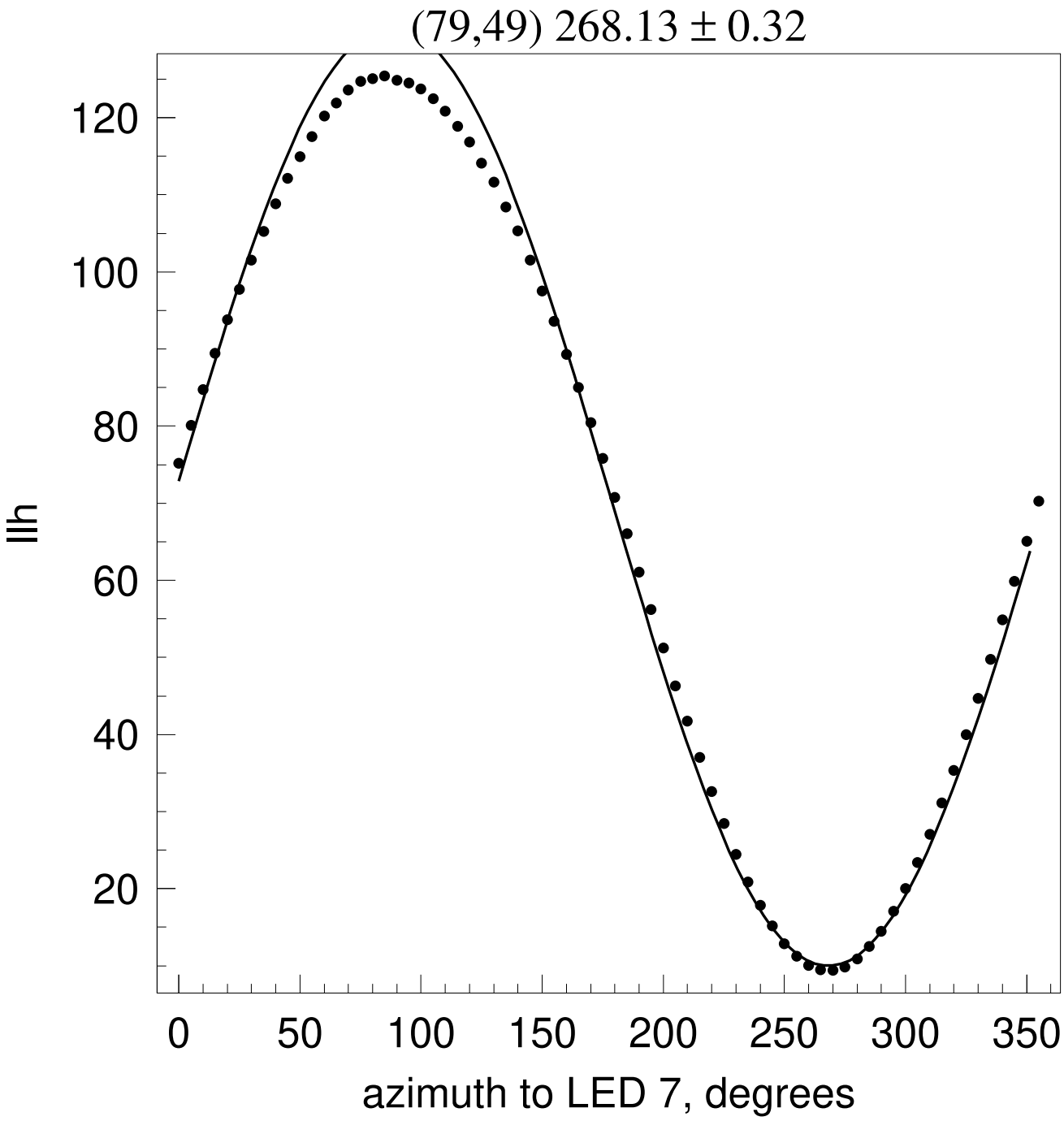

(79,44) 11.98 ± 0.55
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

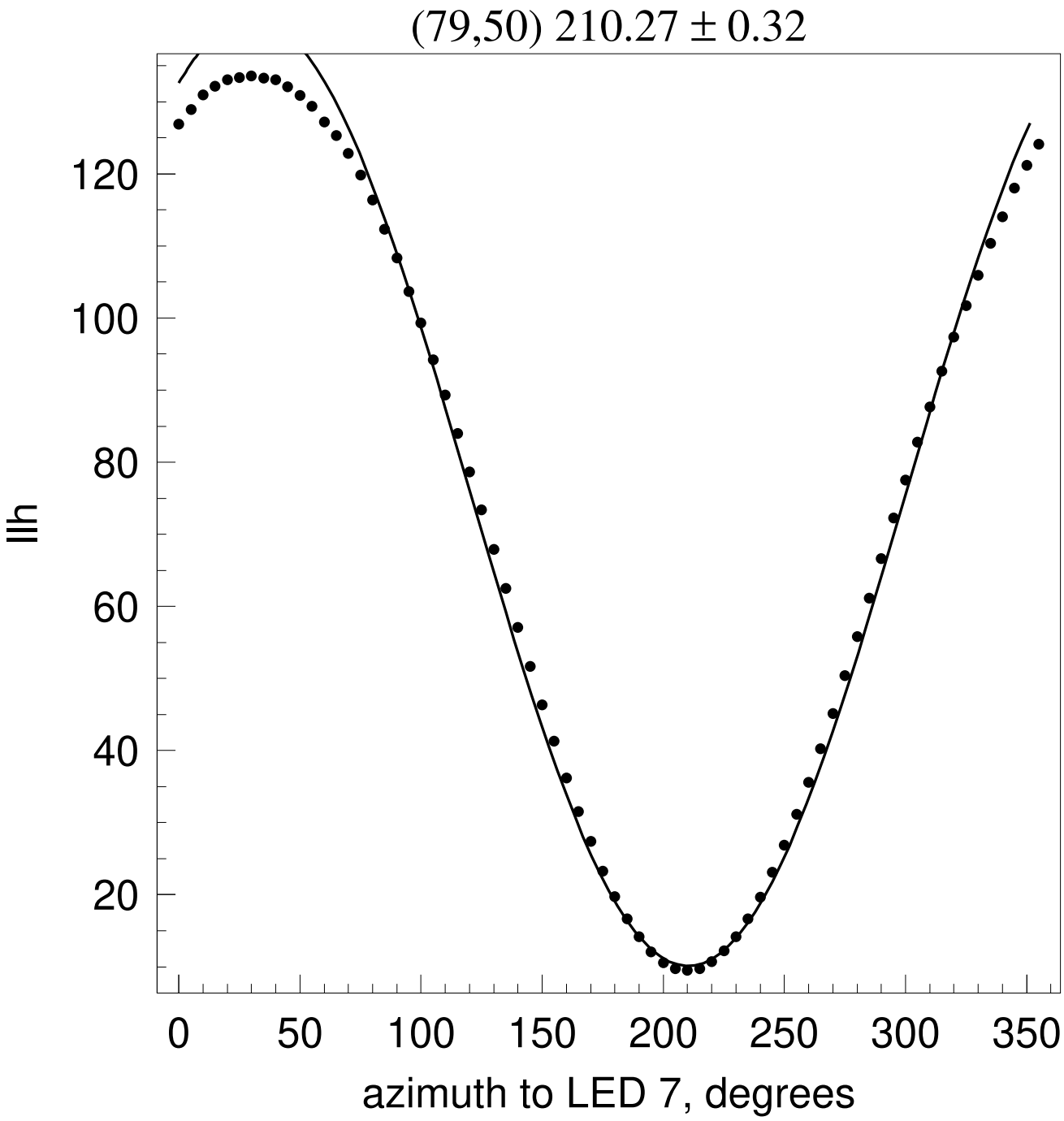

(79,45) 24.98 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

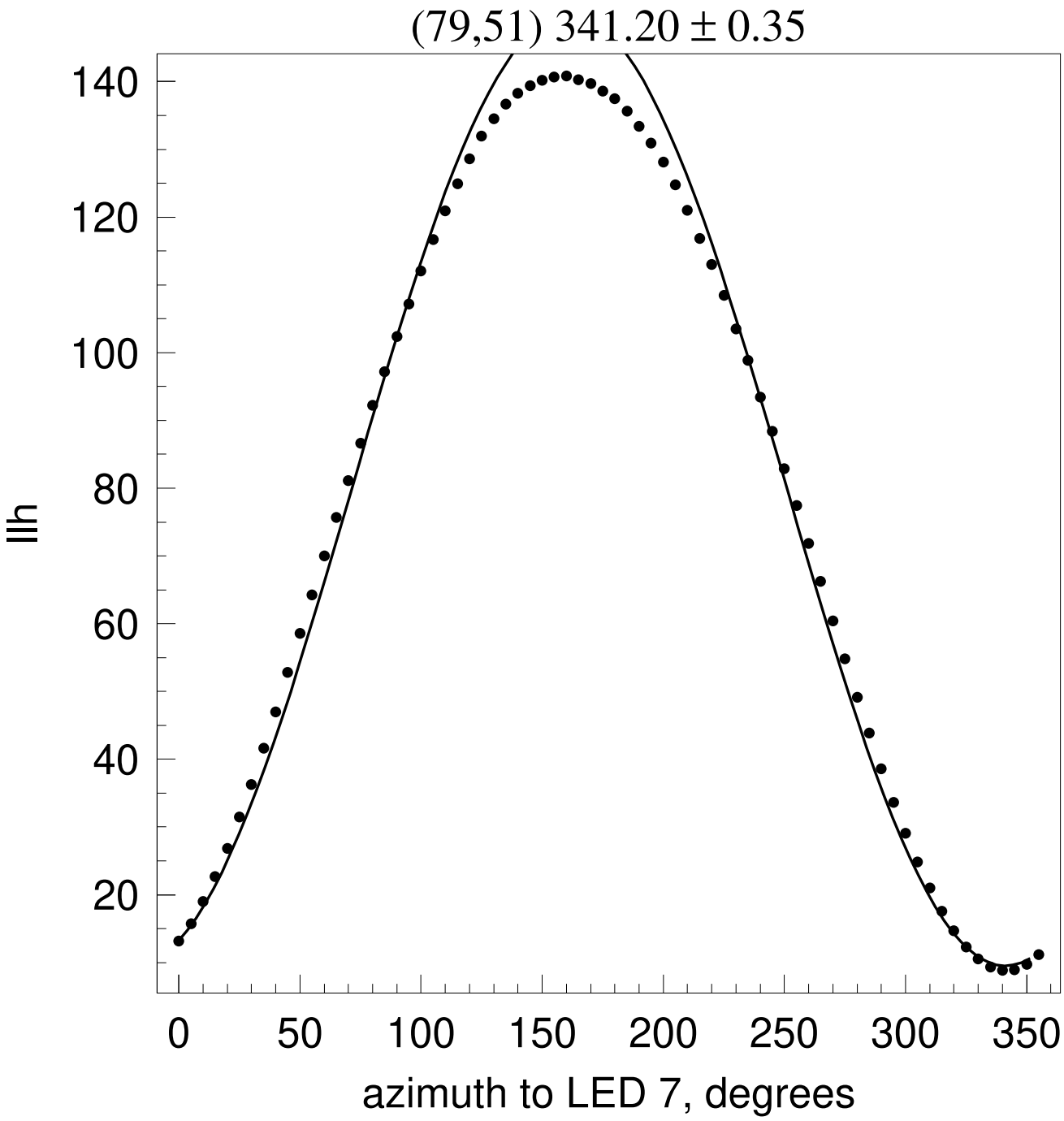

(79,46) 47.95 ± 0.37
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

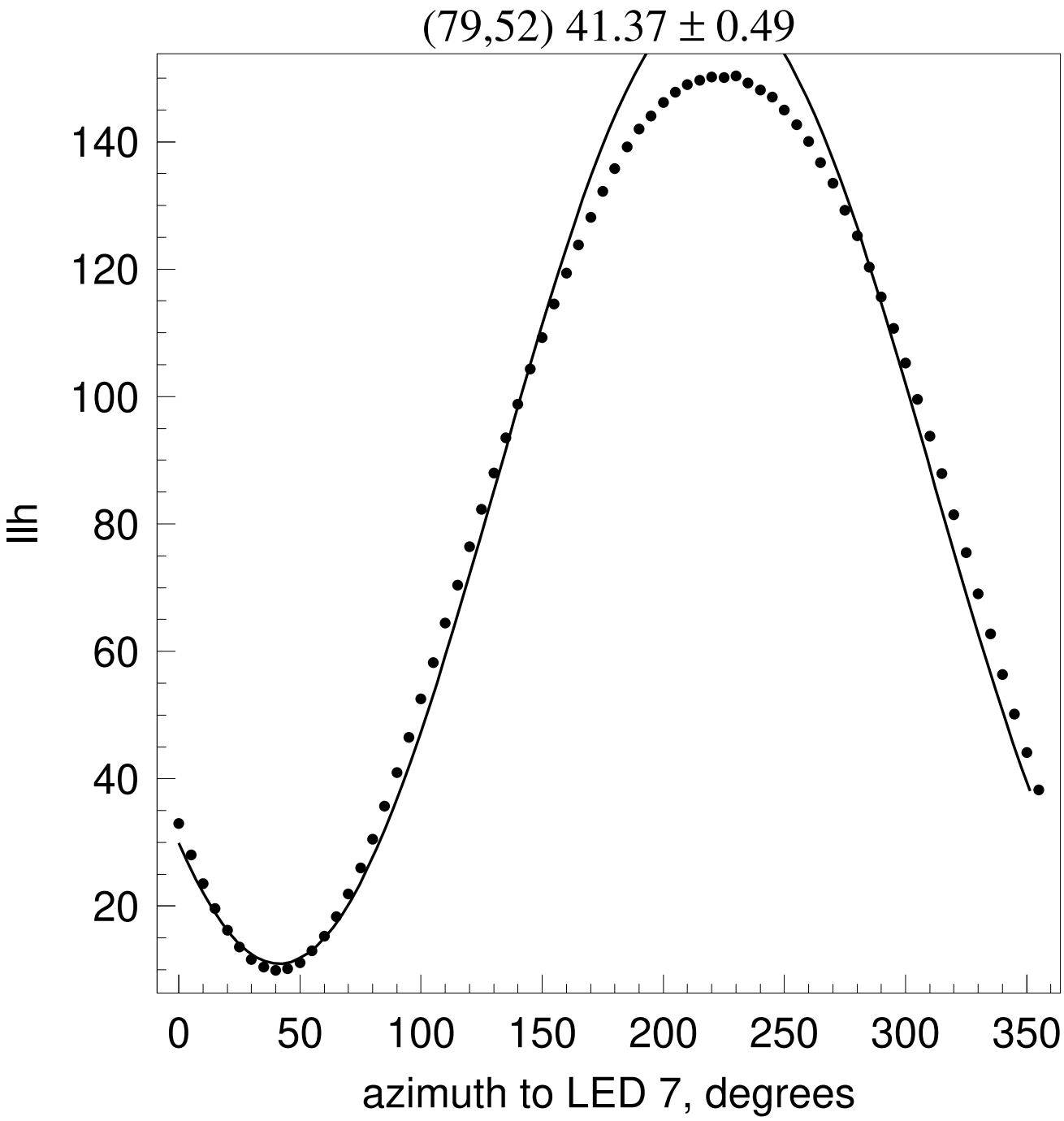

(79,47) 355.29 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

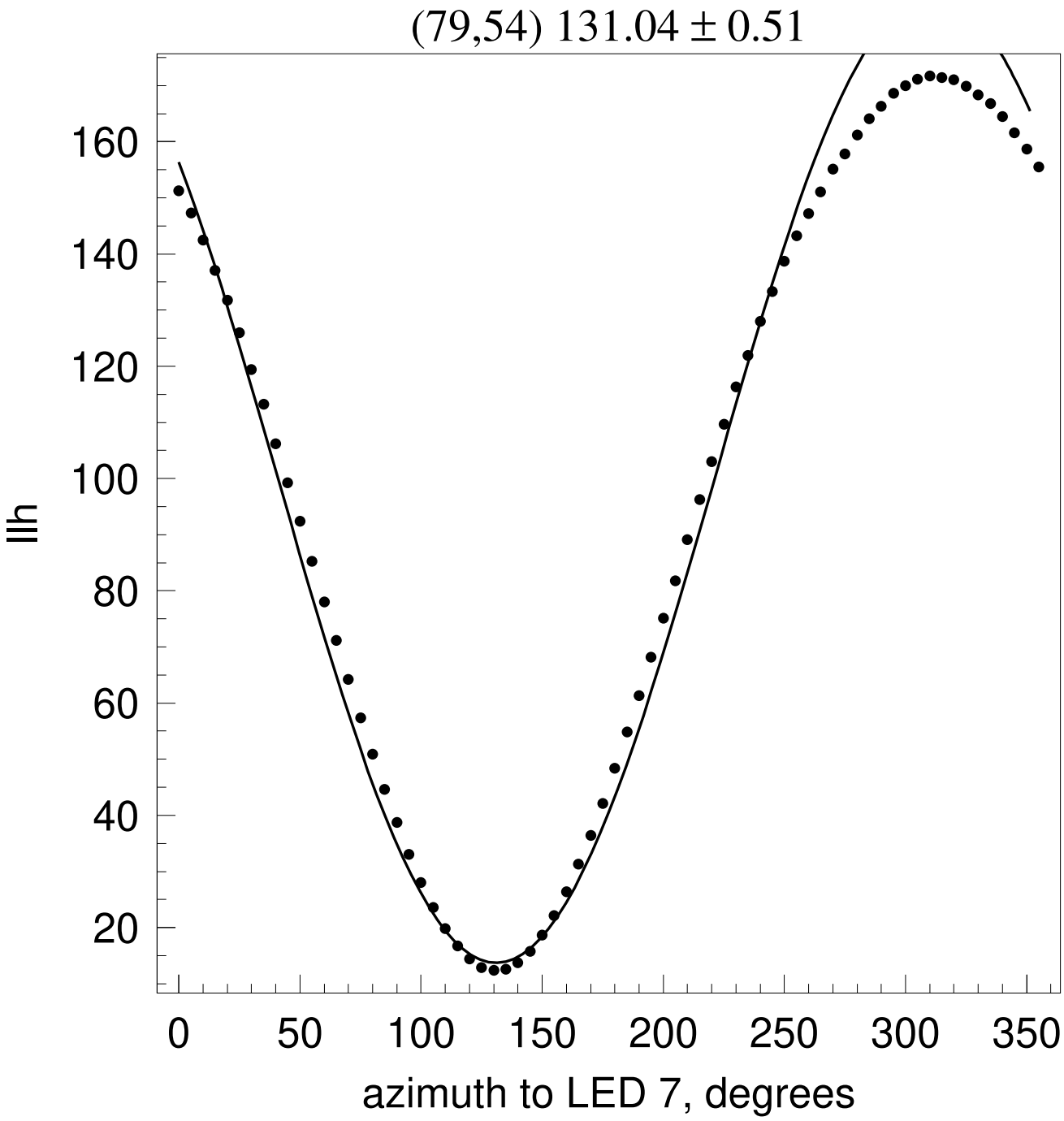

(79,48) 78.51 ± 0.27
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

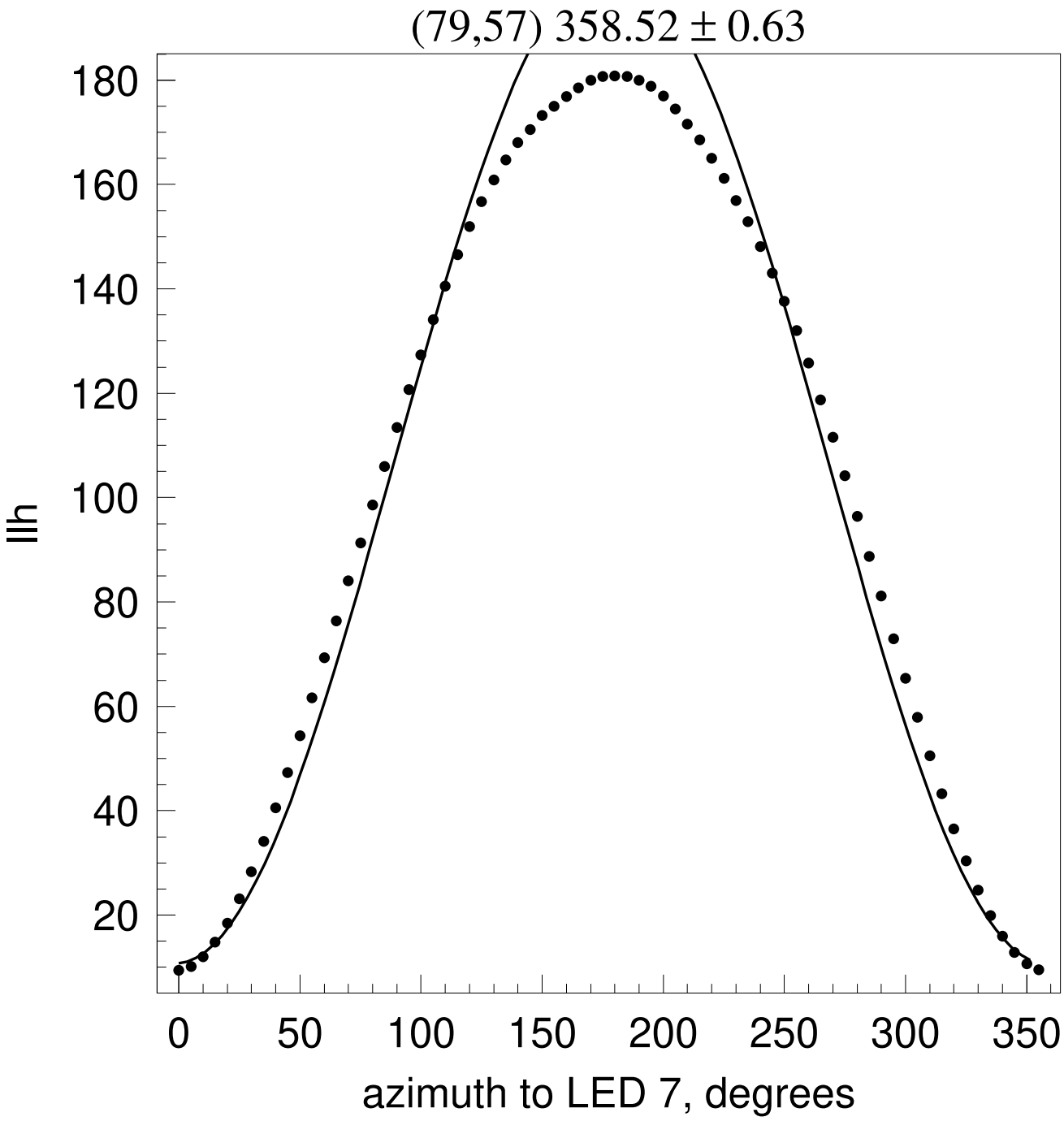

(79,49) 268.13 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

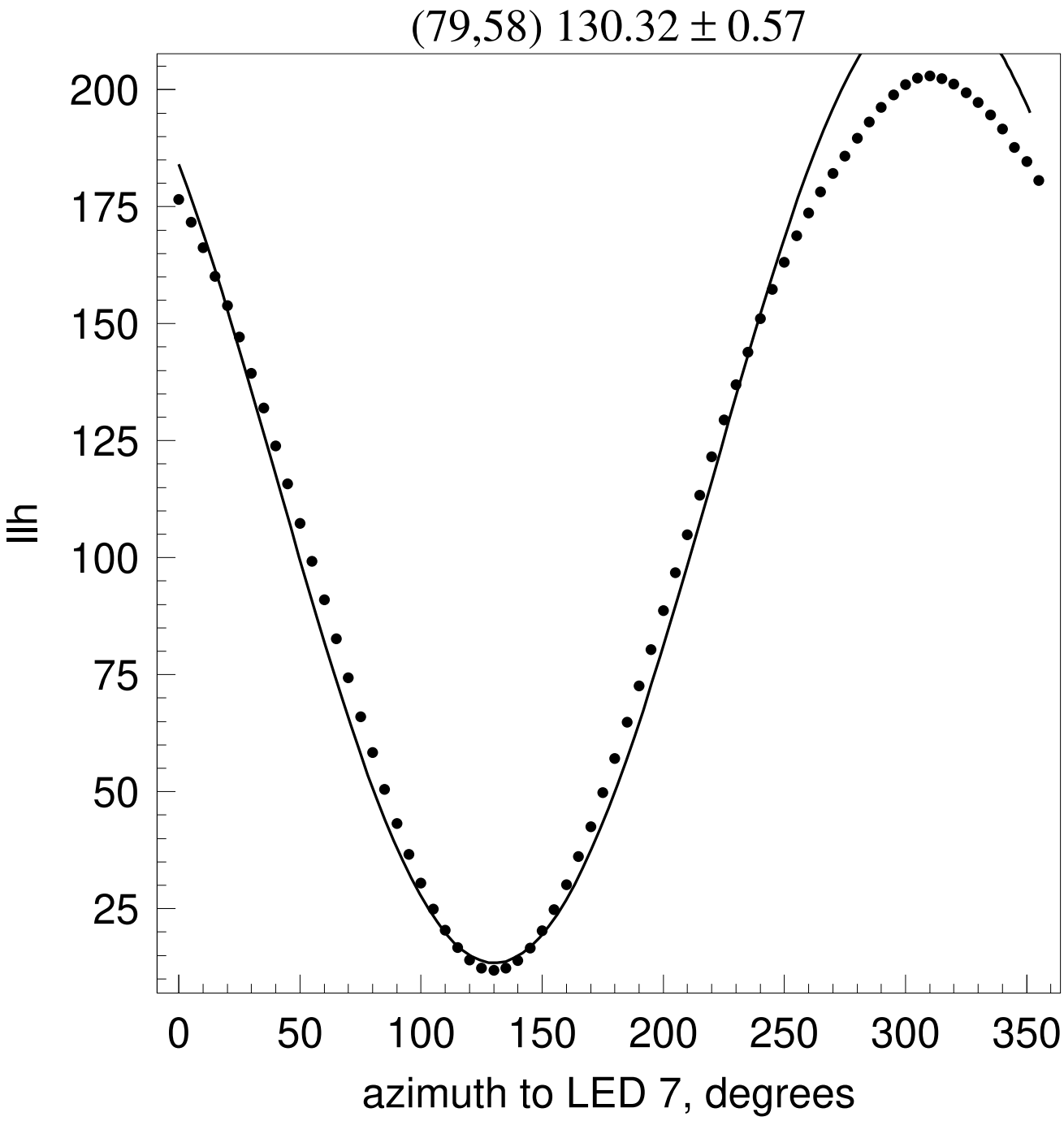

(79,50) 210.27 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

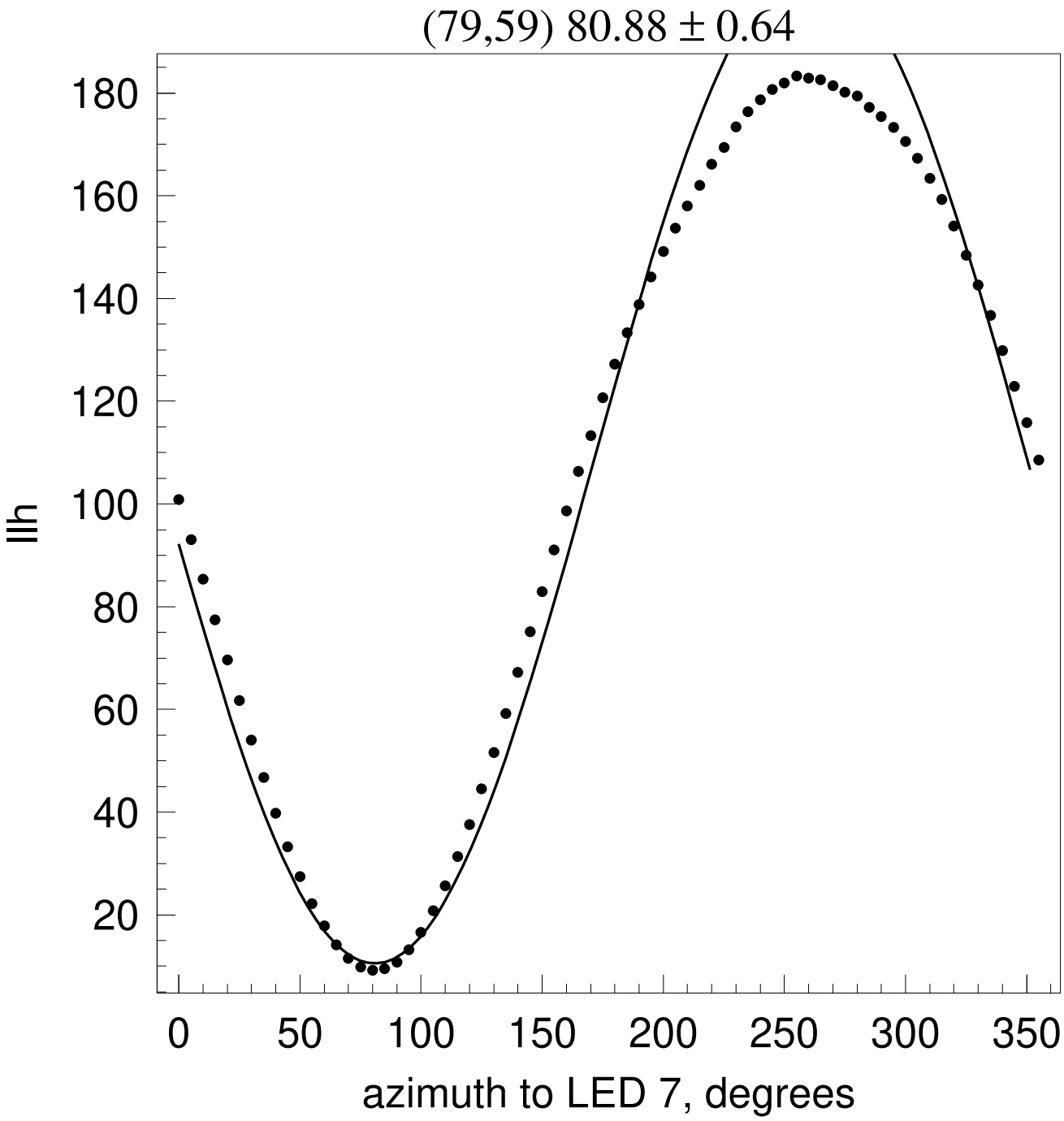

(79,51) 341.20 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

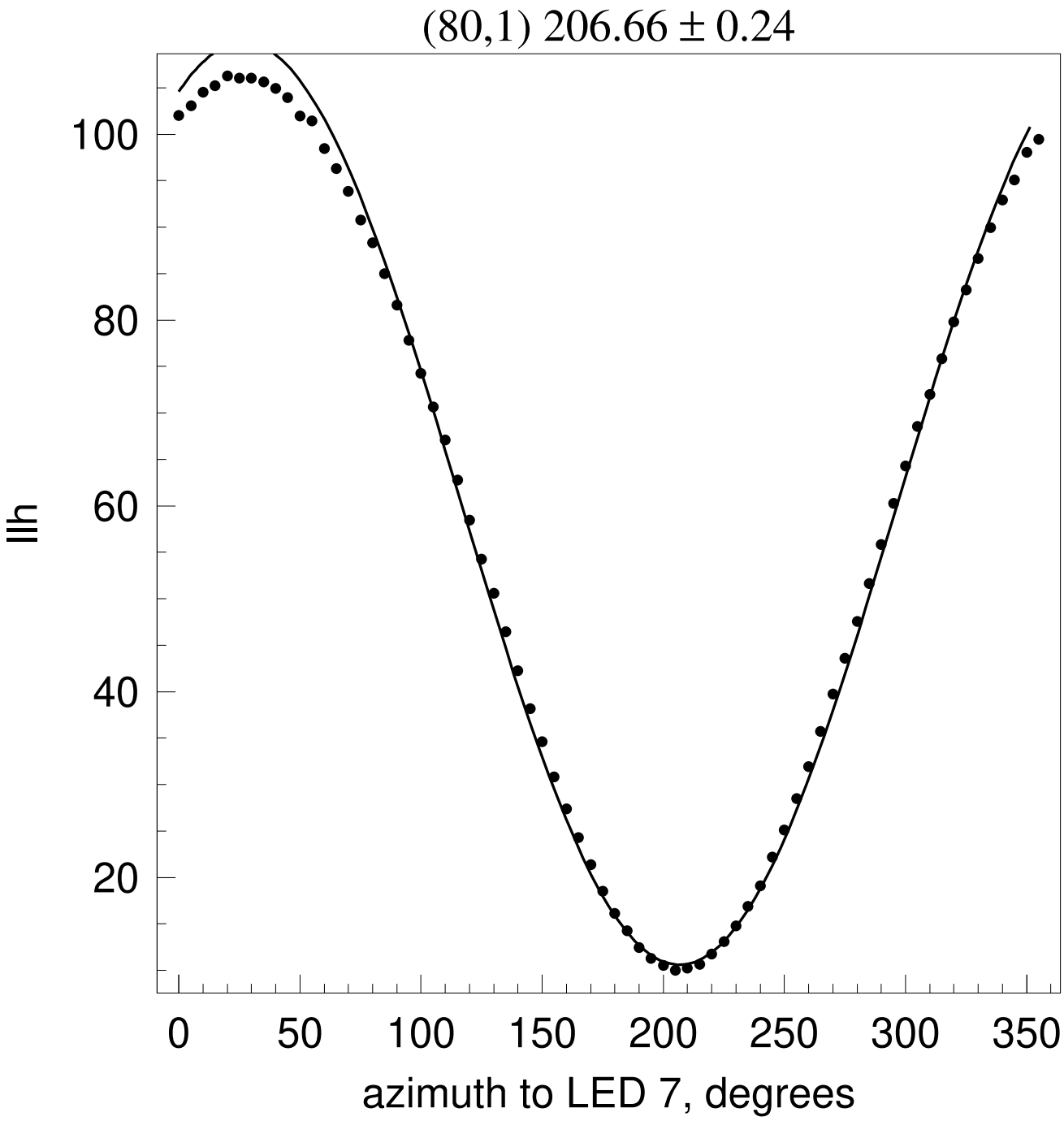

(79,52) 41.37 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

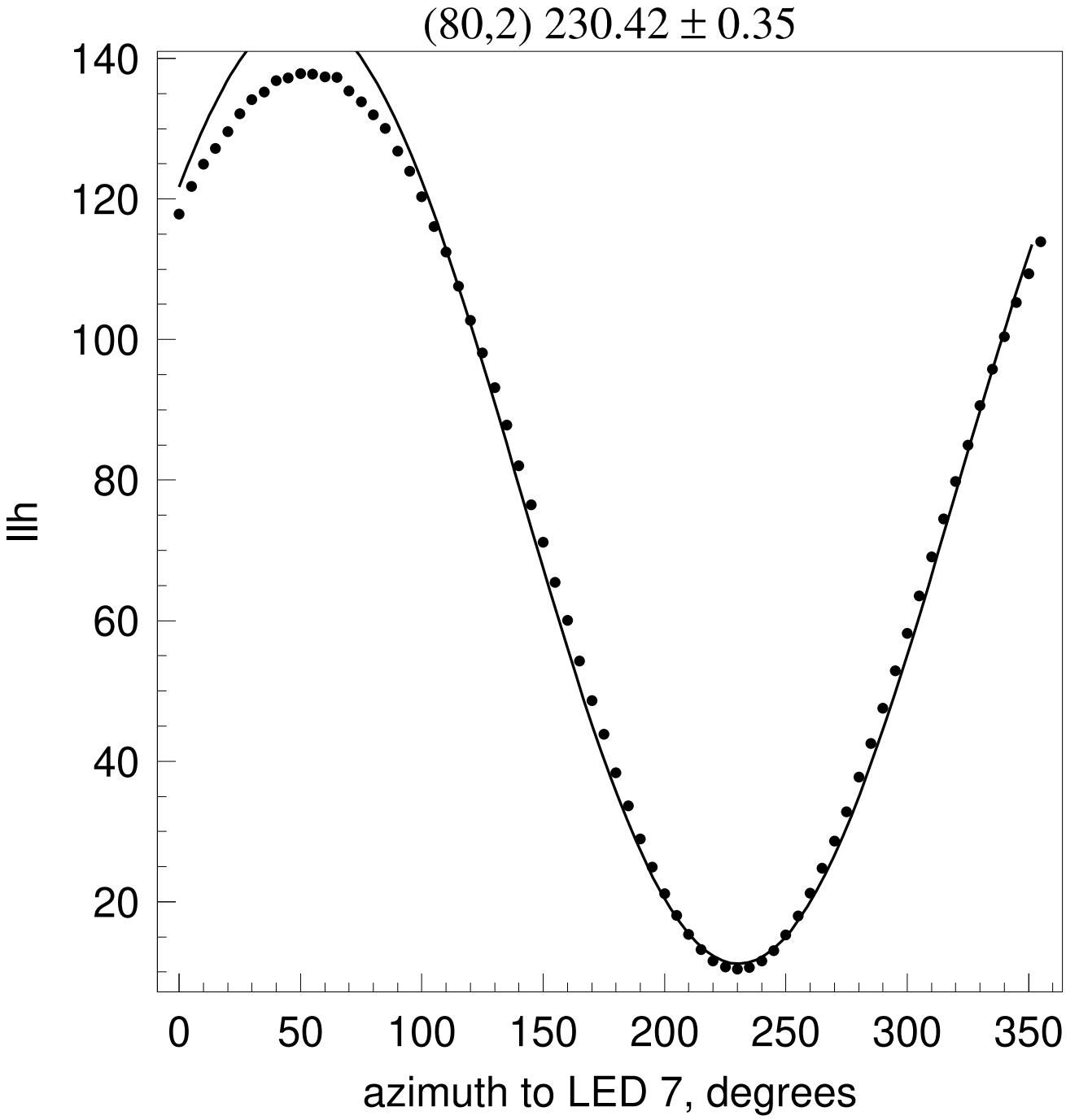

(79,54) 131.04 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

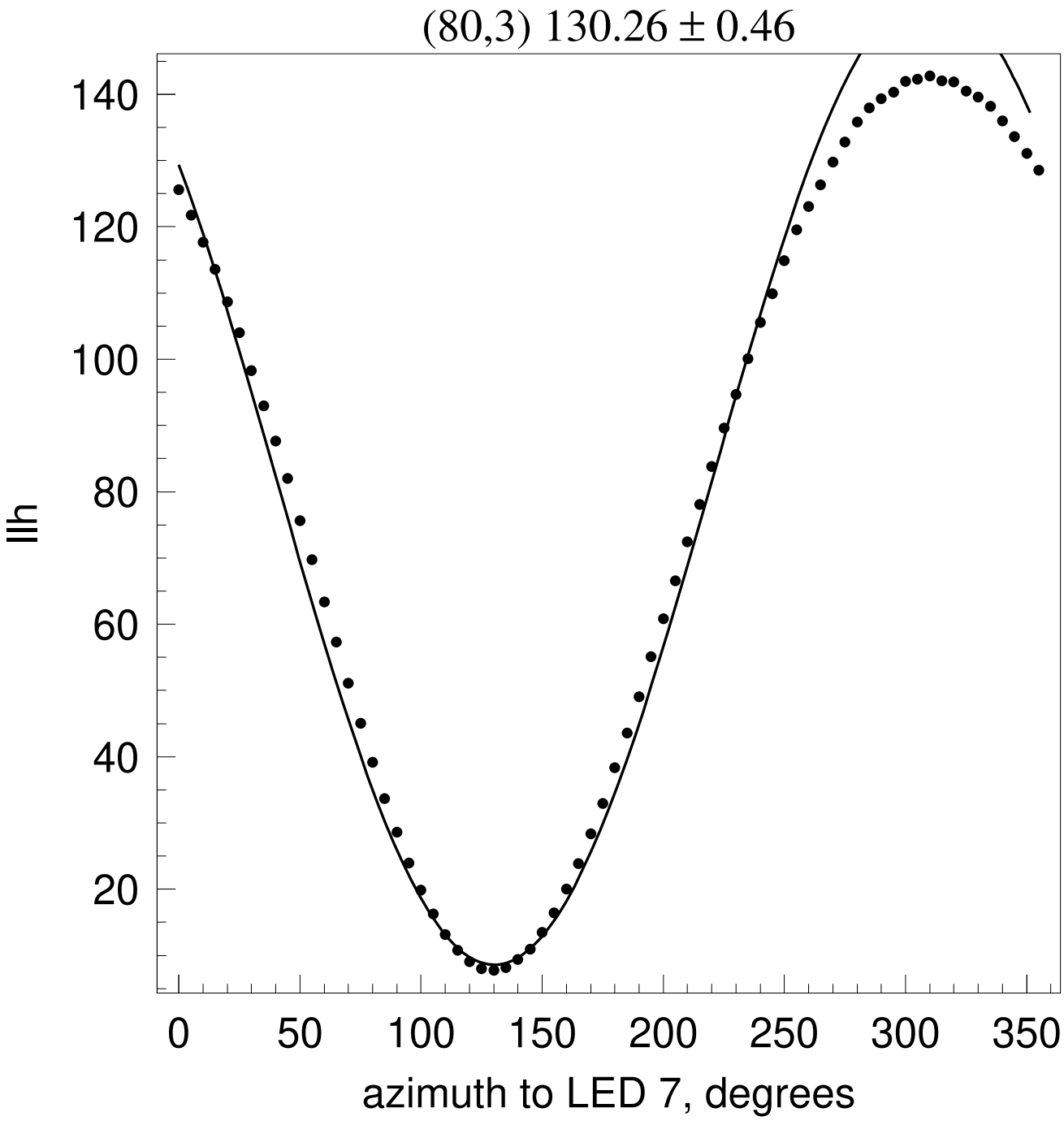

(79,57) 358.52 ± 0.63
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

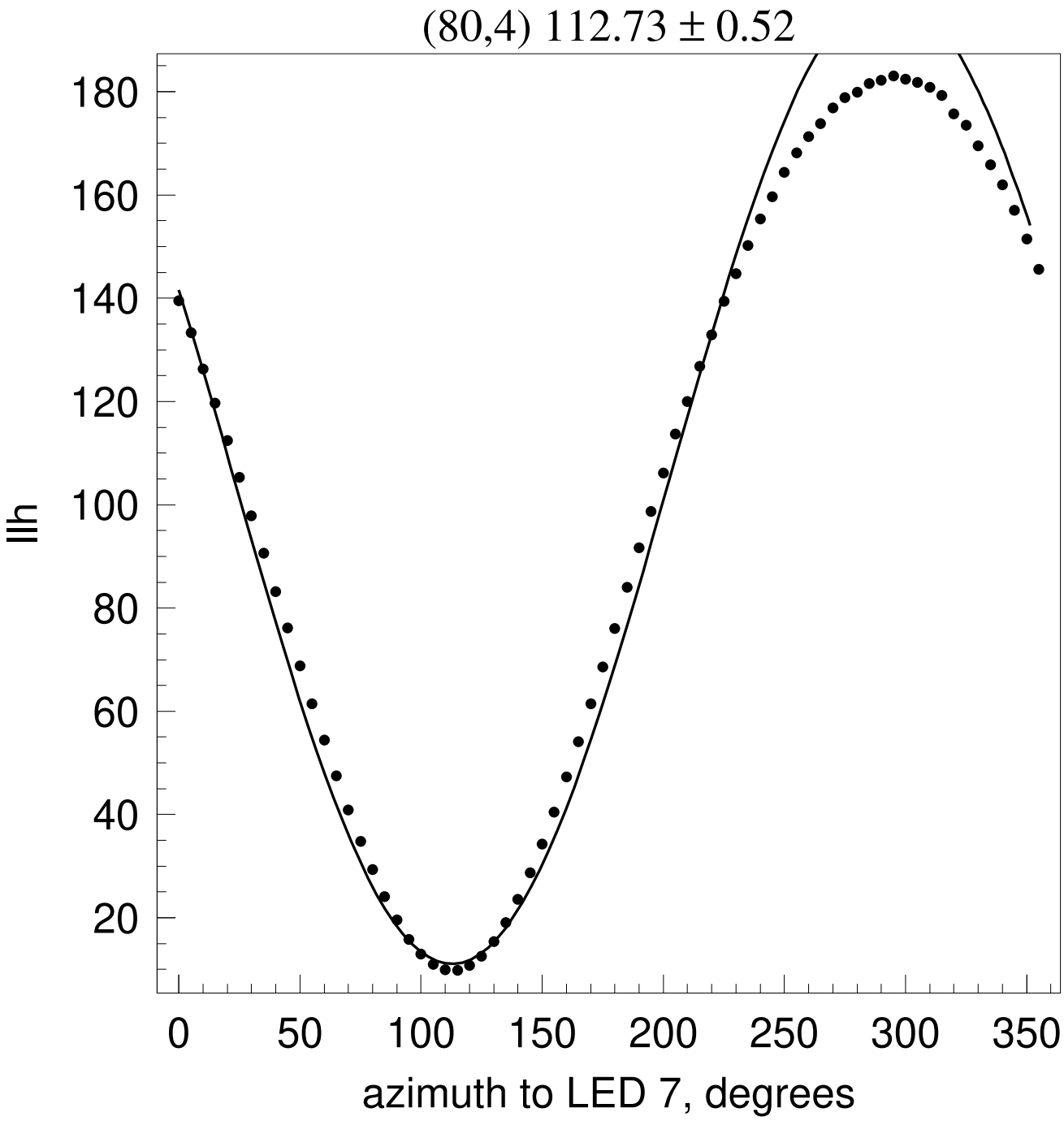

(79,58) 130.32 ± 0.57
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

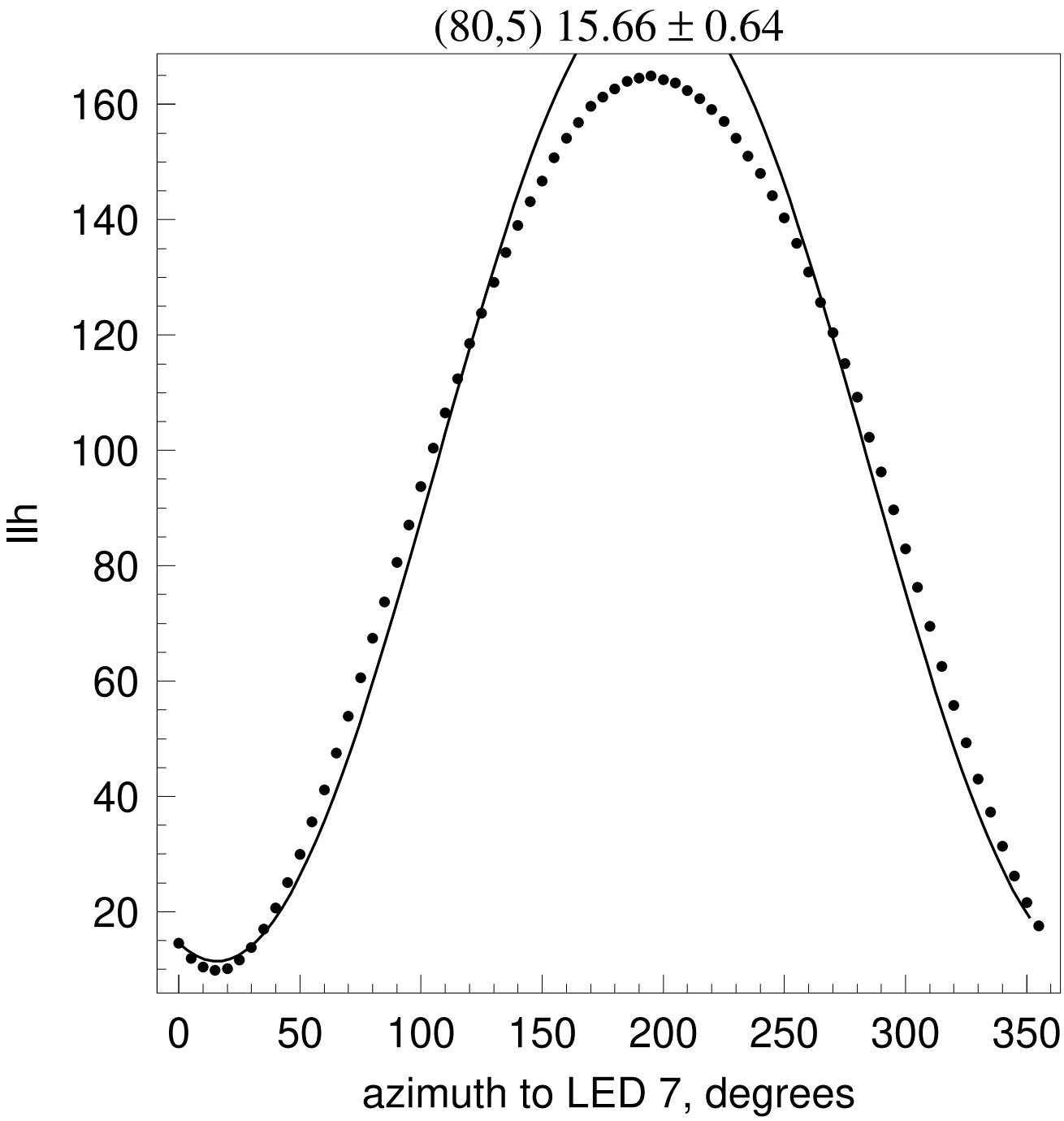

(79,59) 80.88 ± 0.64
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

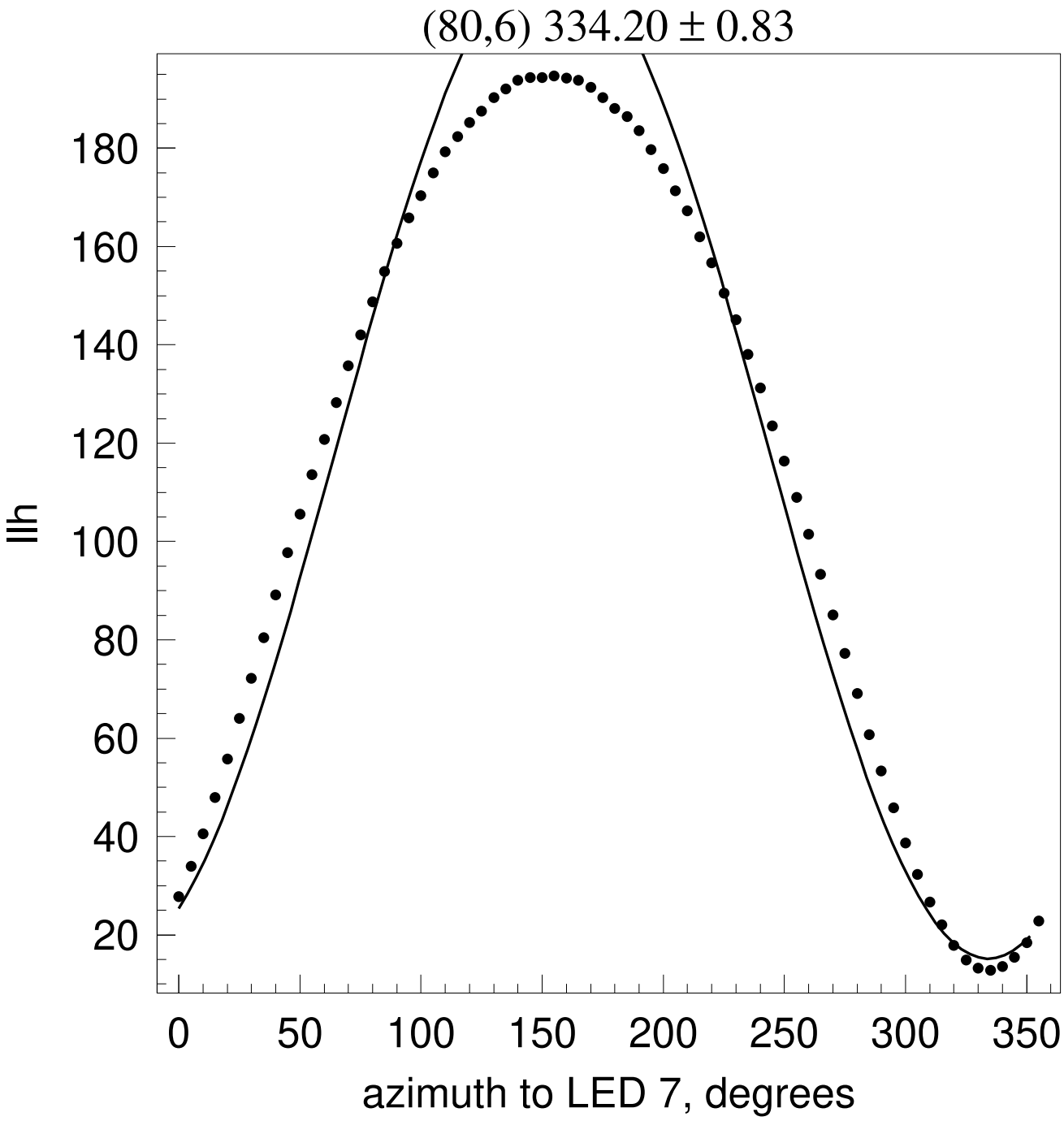

(80,1) 206.66 ± 0.24
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

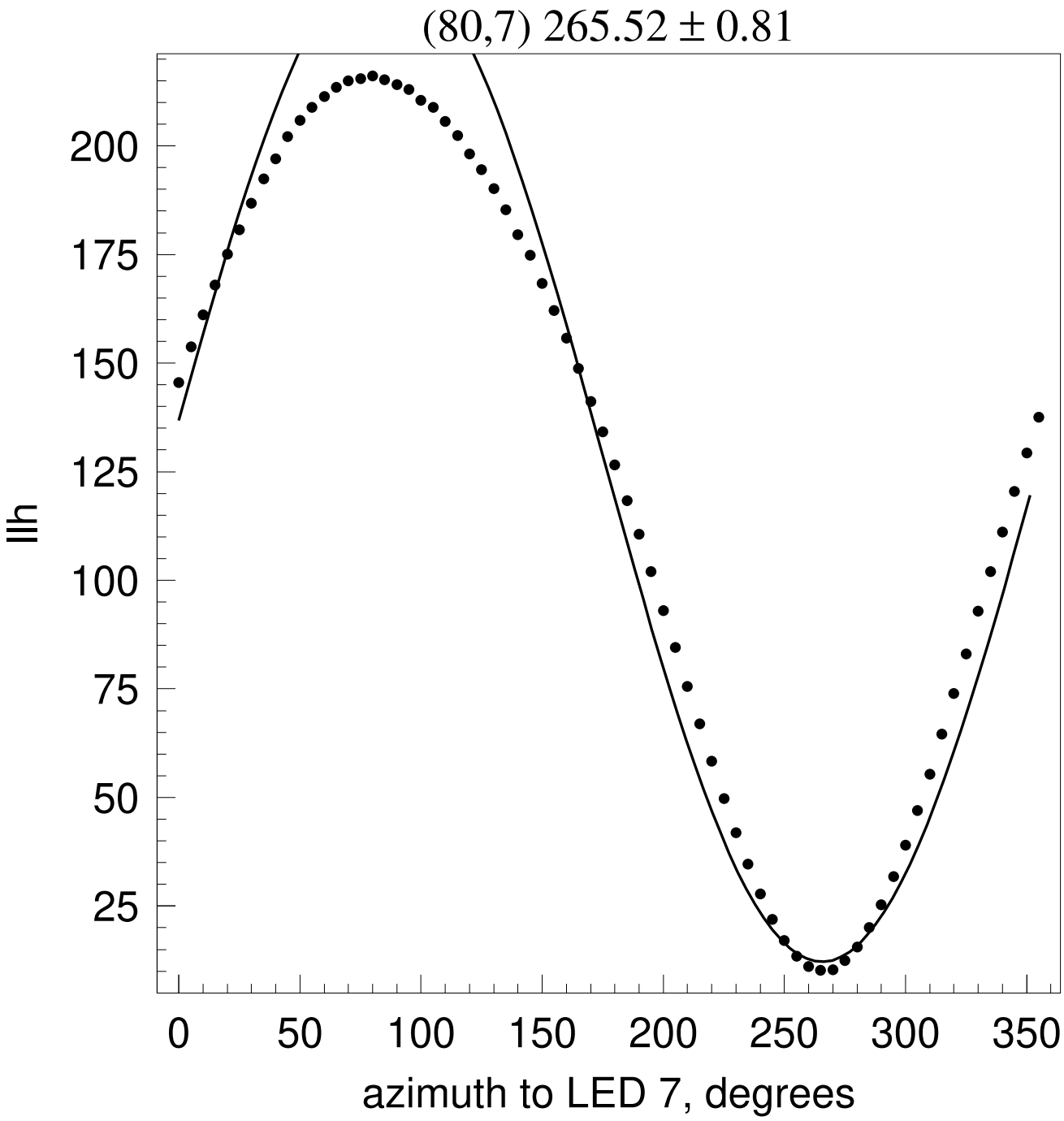

(80,2) 230.42 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

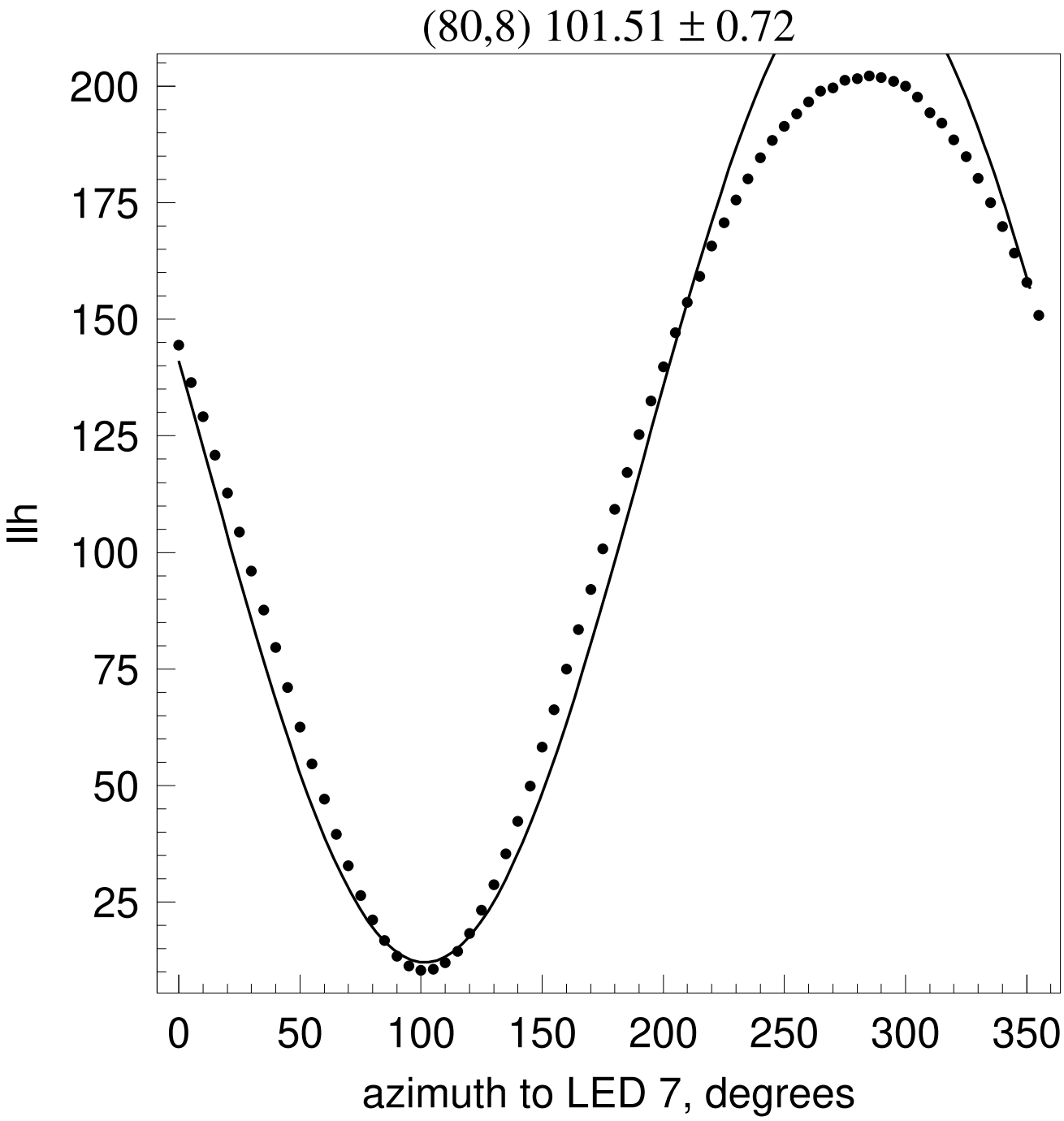

(80,3) 130.26 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

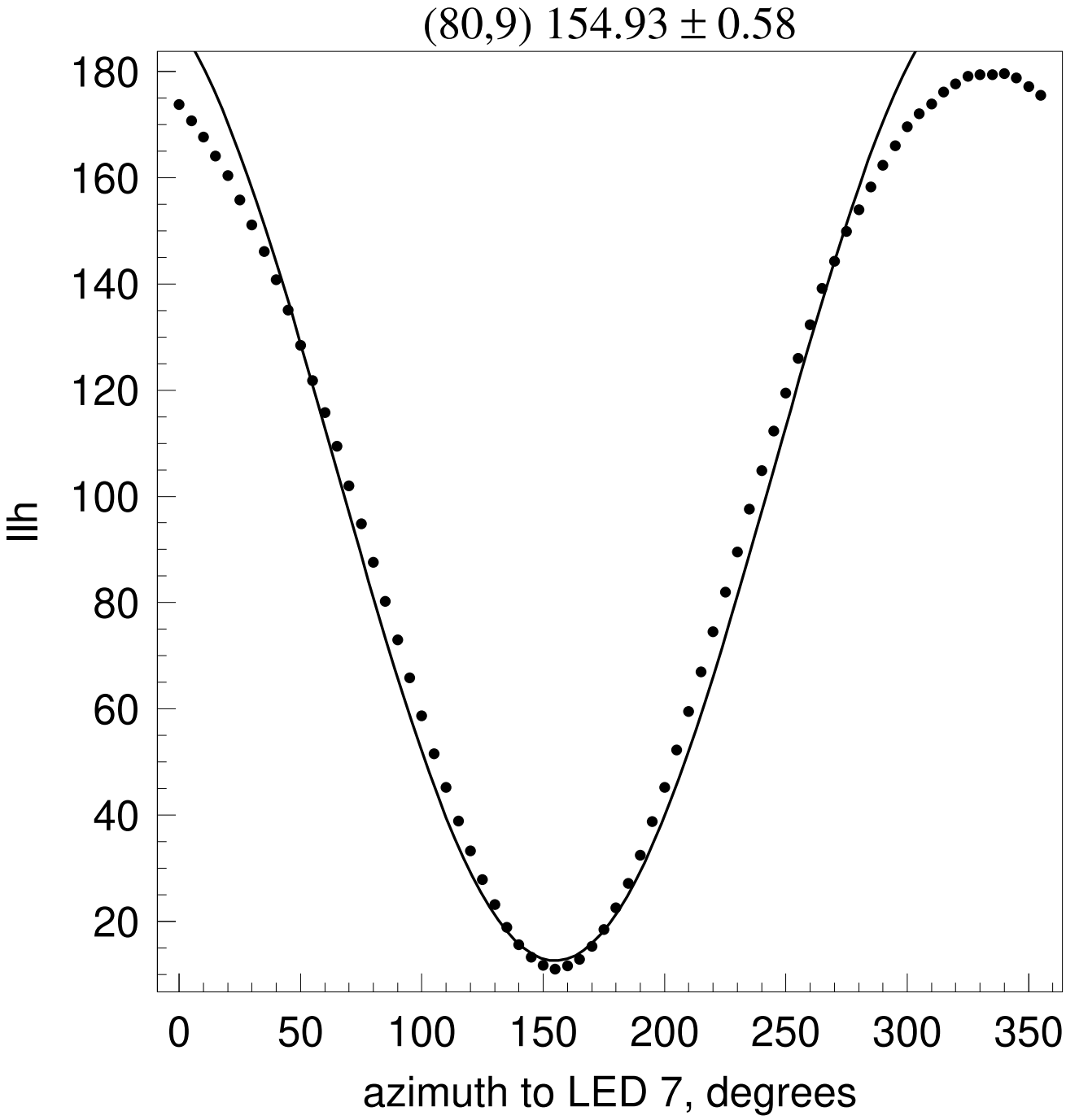

(80,4) 112.73 ± 0.52
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

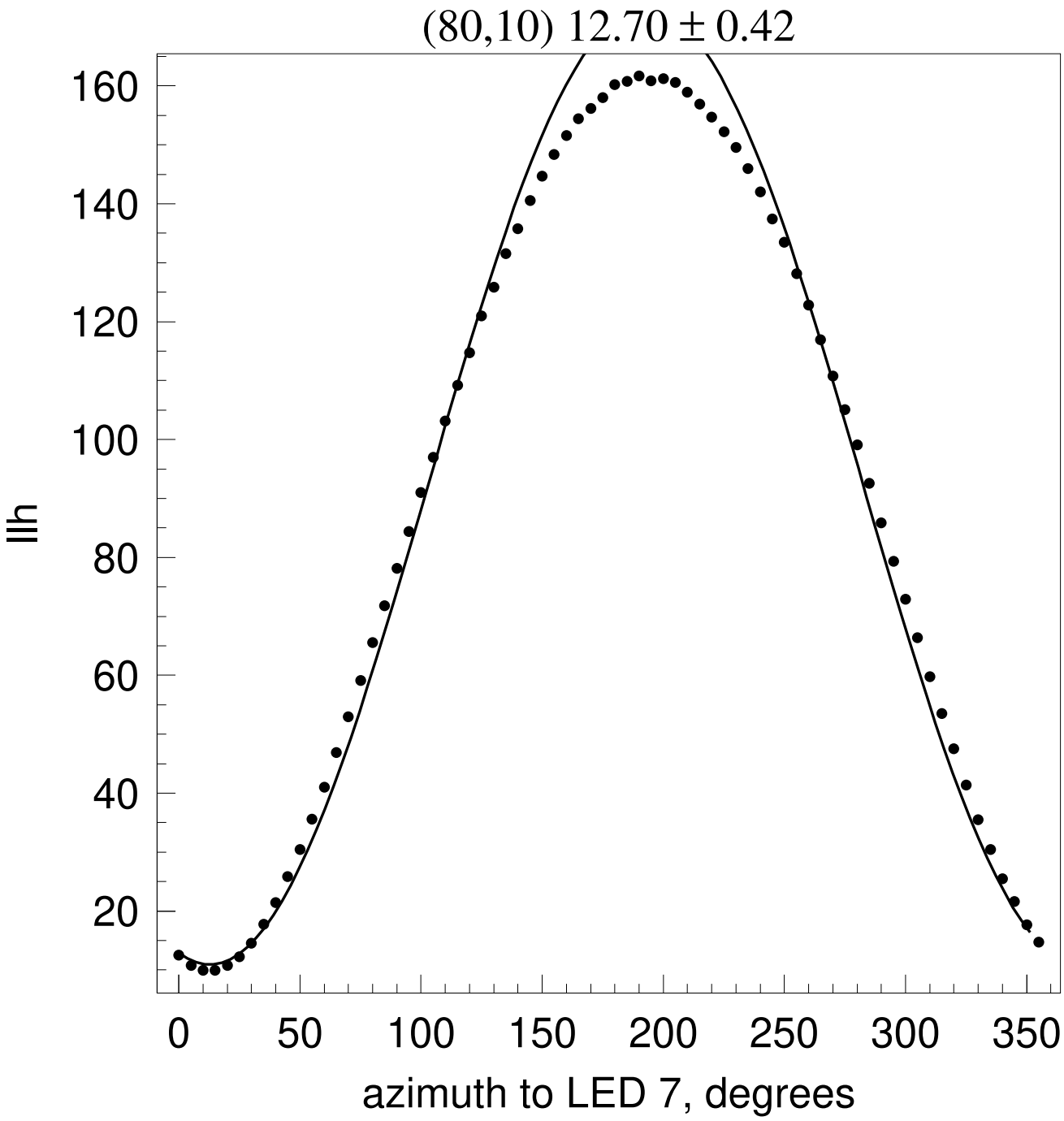

(80,5) 15.66 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

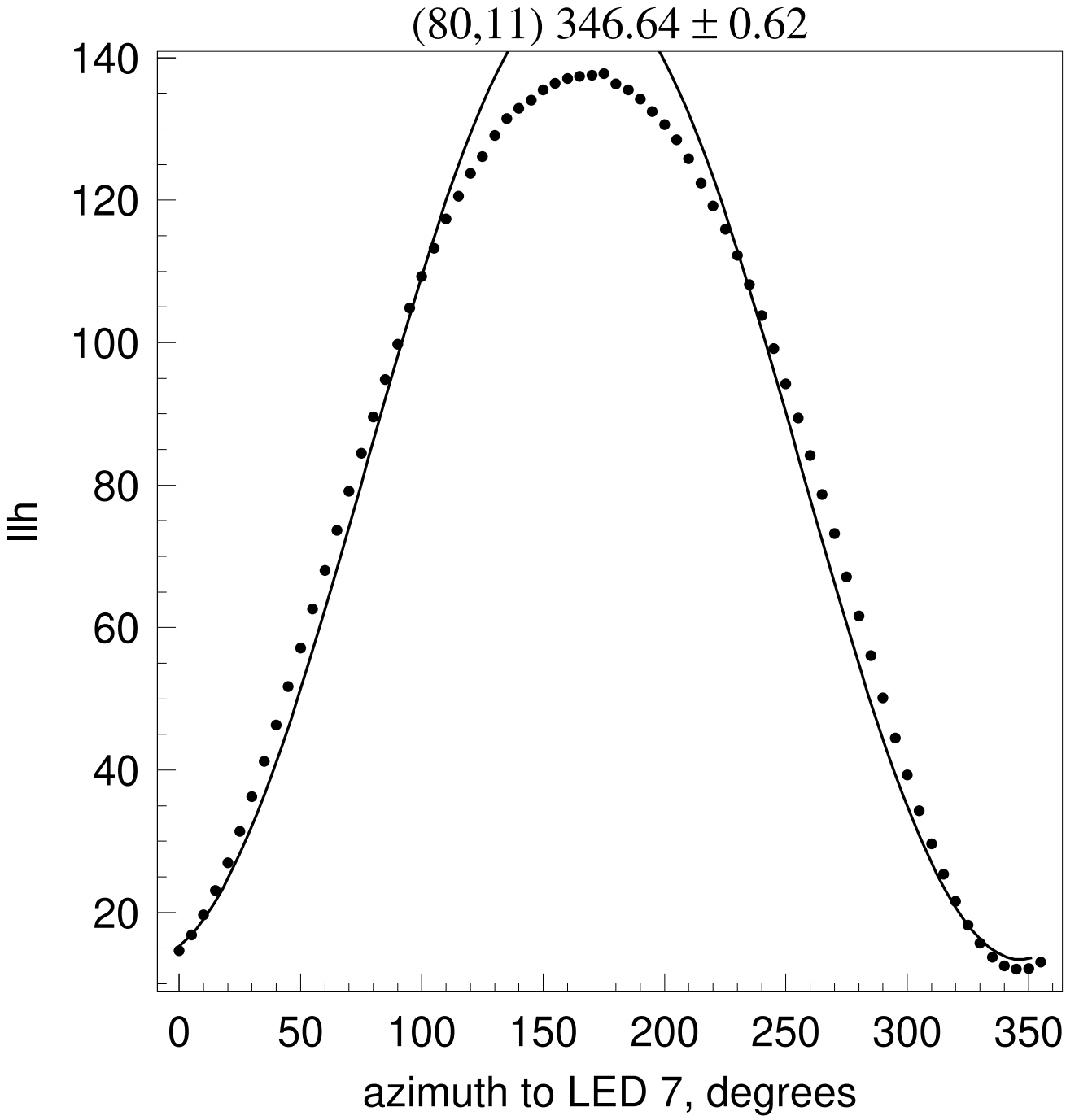

(80,6) 334.20 ± 0.83
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

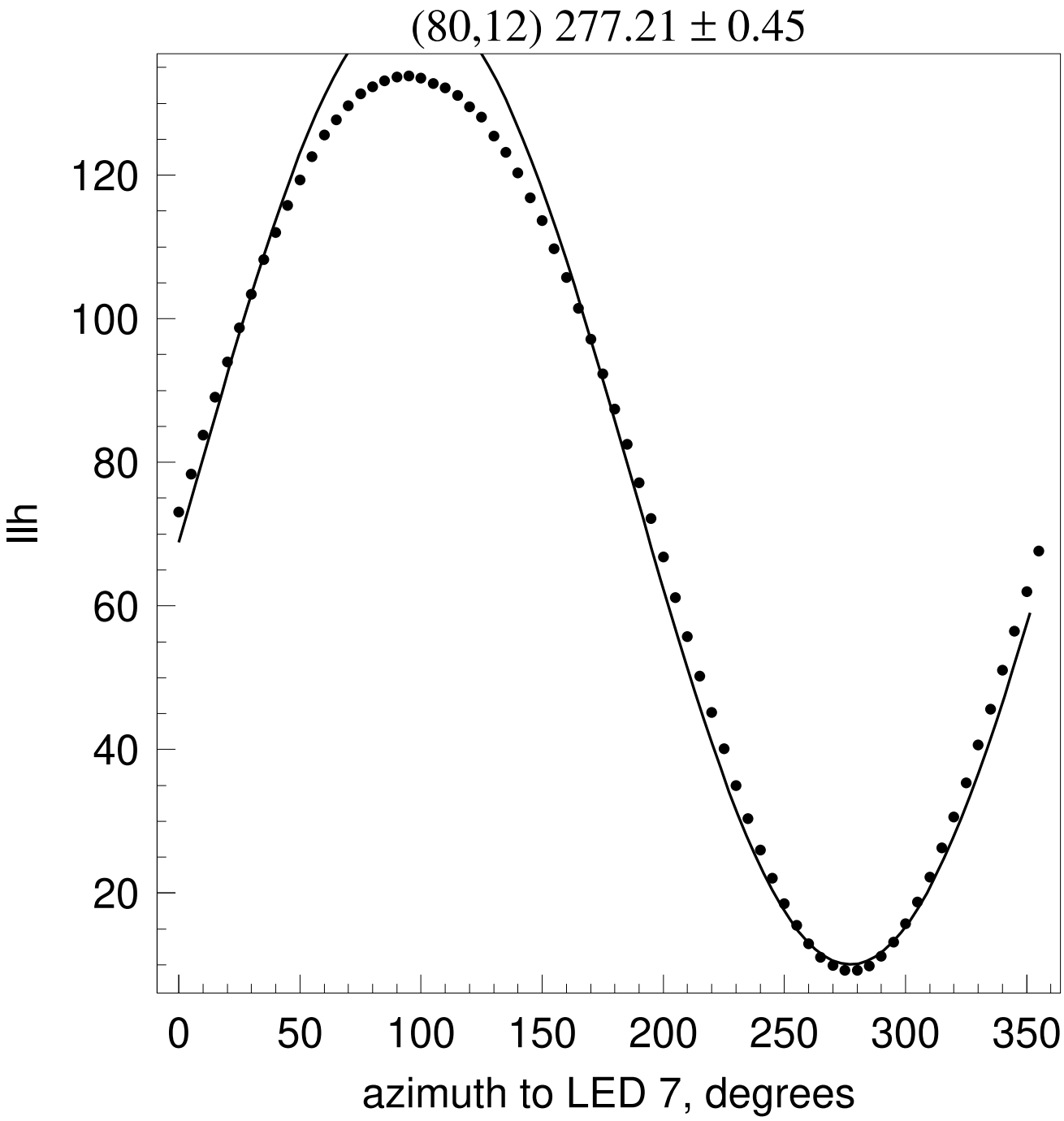

(80,7) 265.52 ± 0.81
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

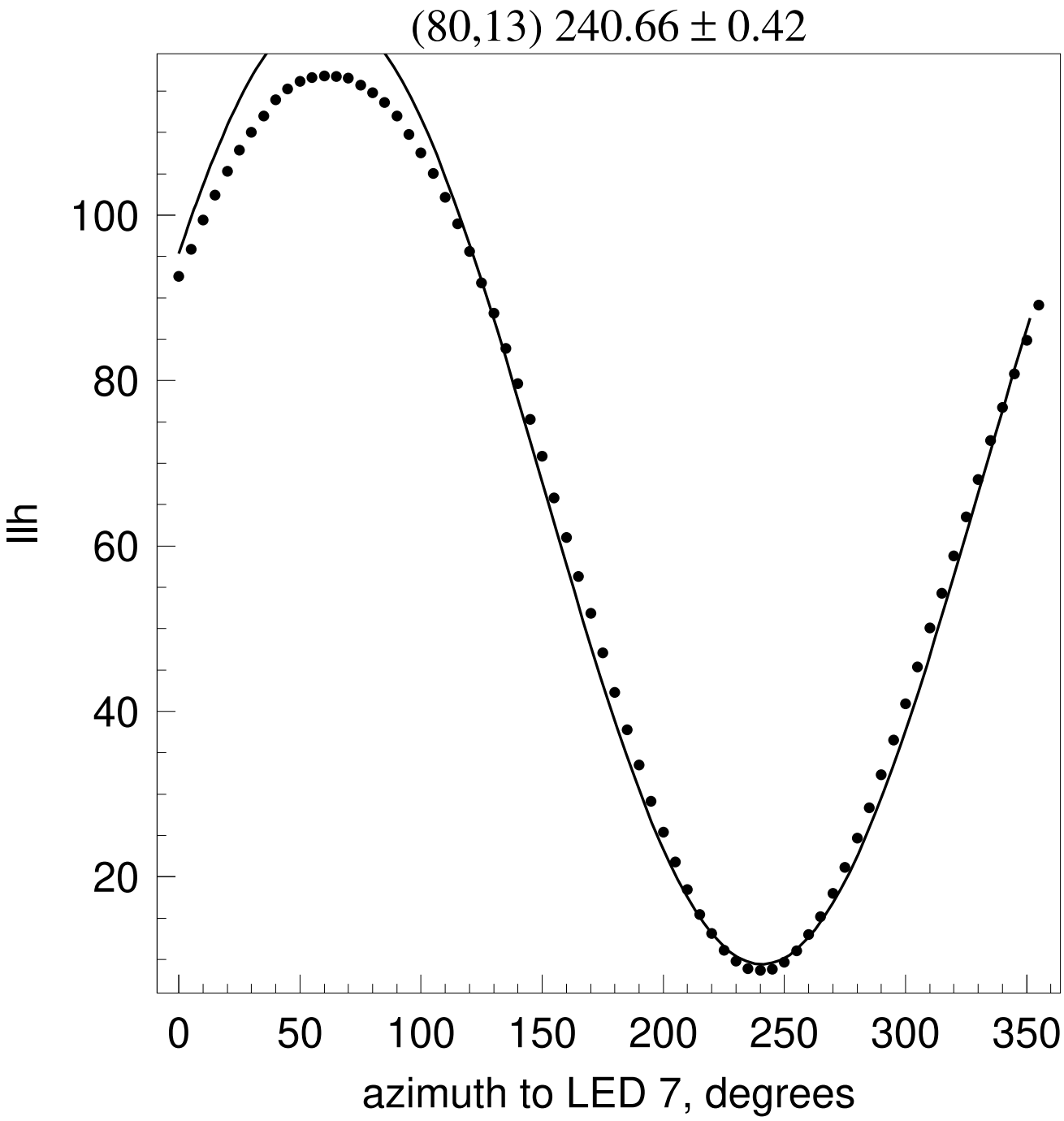

(80,8) 101.51 ± 0.72
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

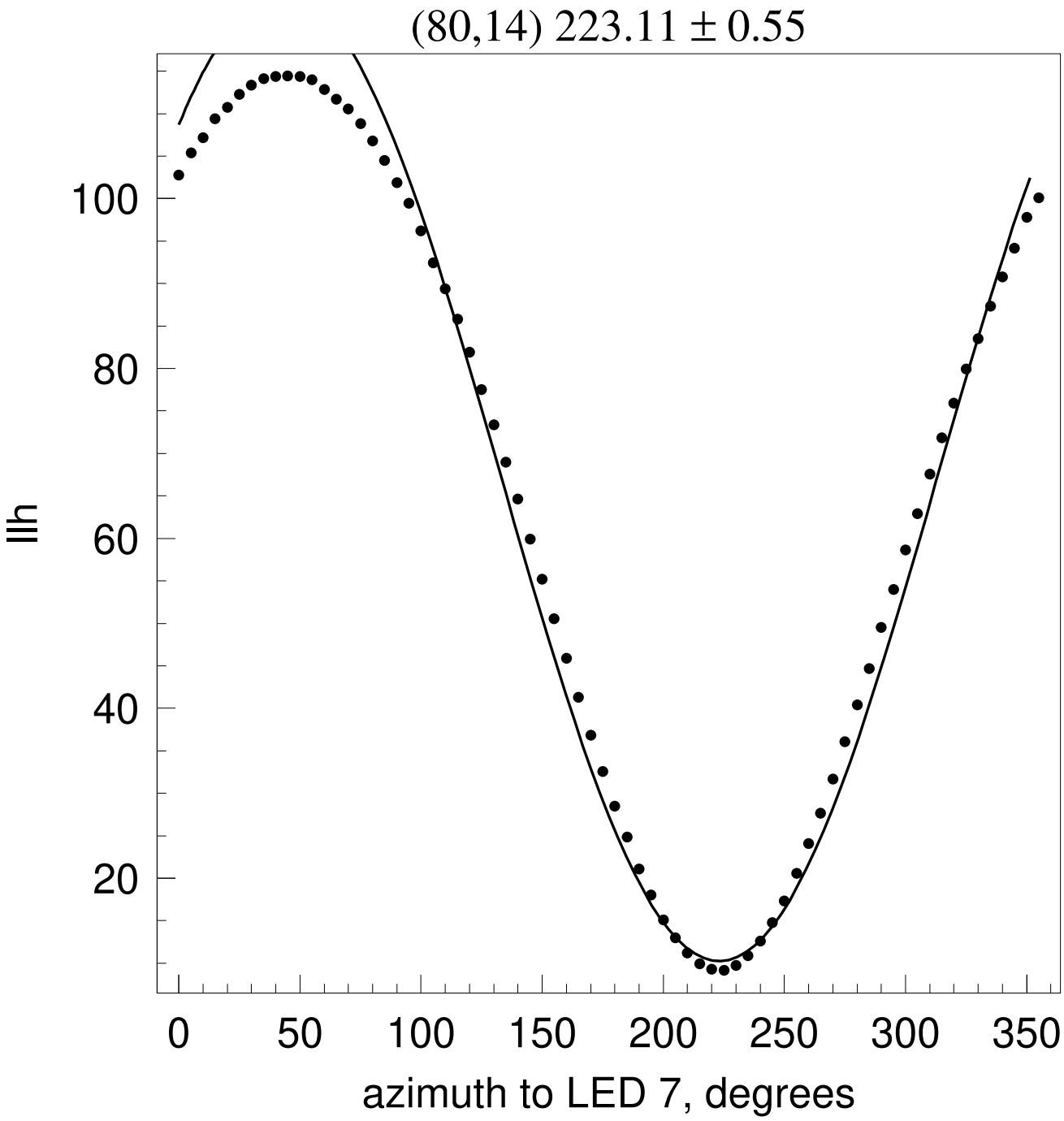

(80,9) 154.93 ± 0.58
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

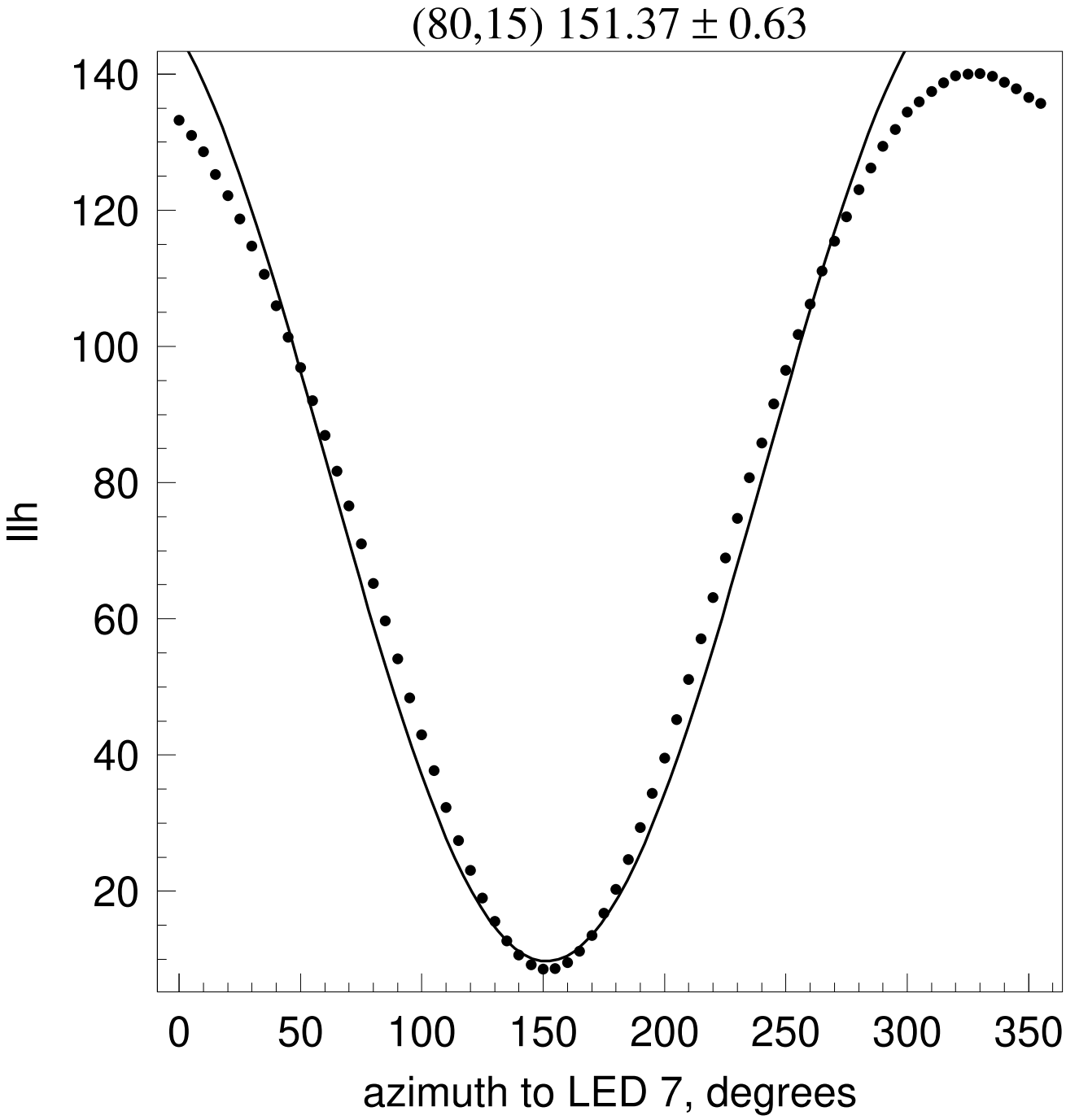

(80,10) 12.70 ± 0.42
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

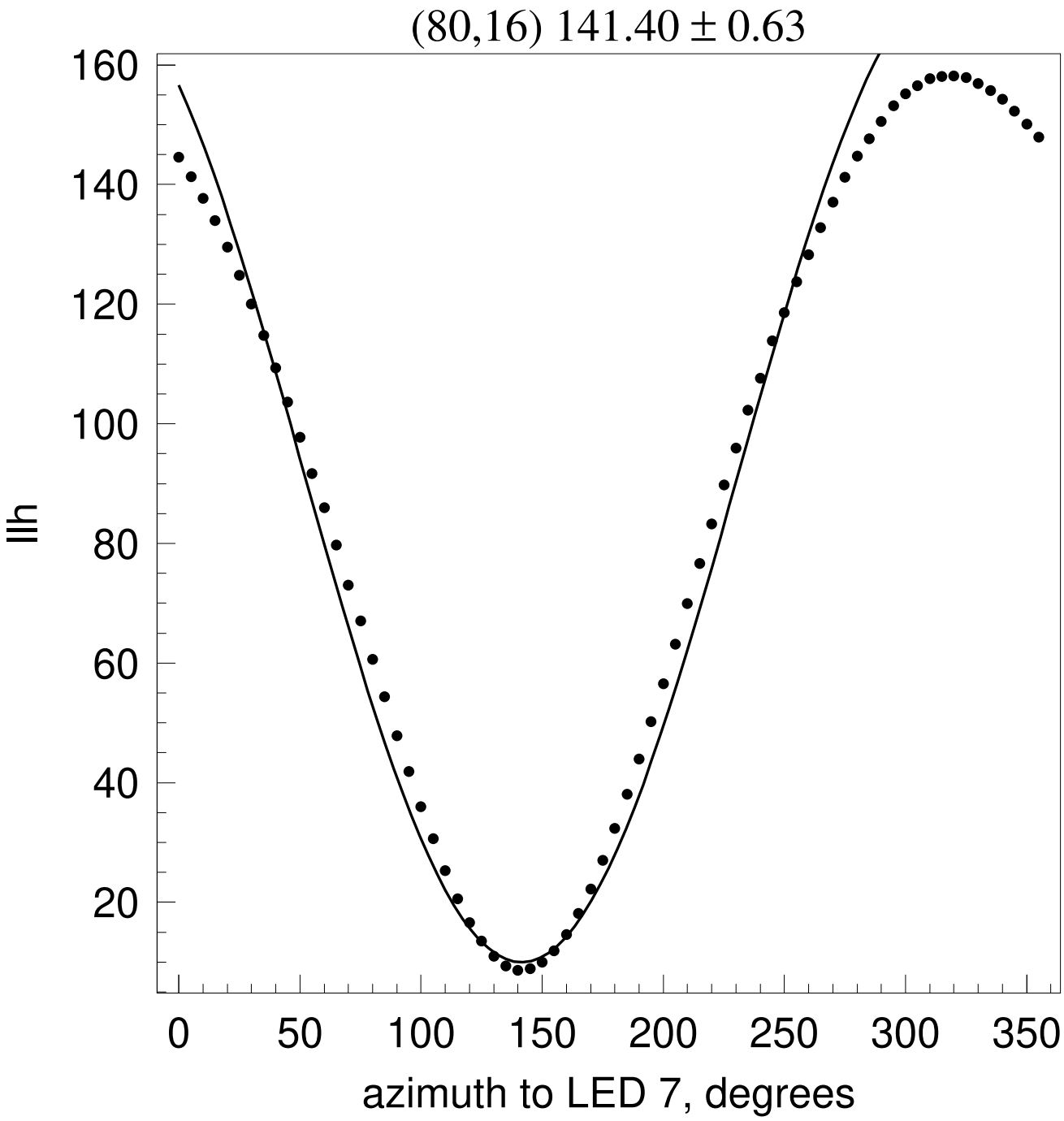

(80,11) 346.64 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

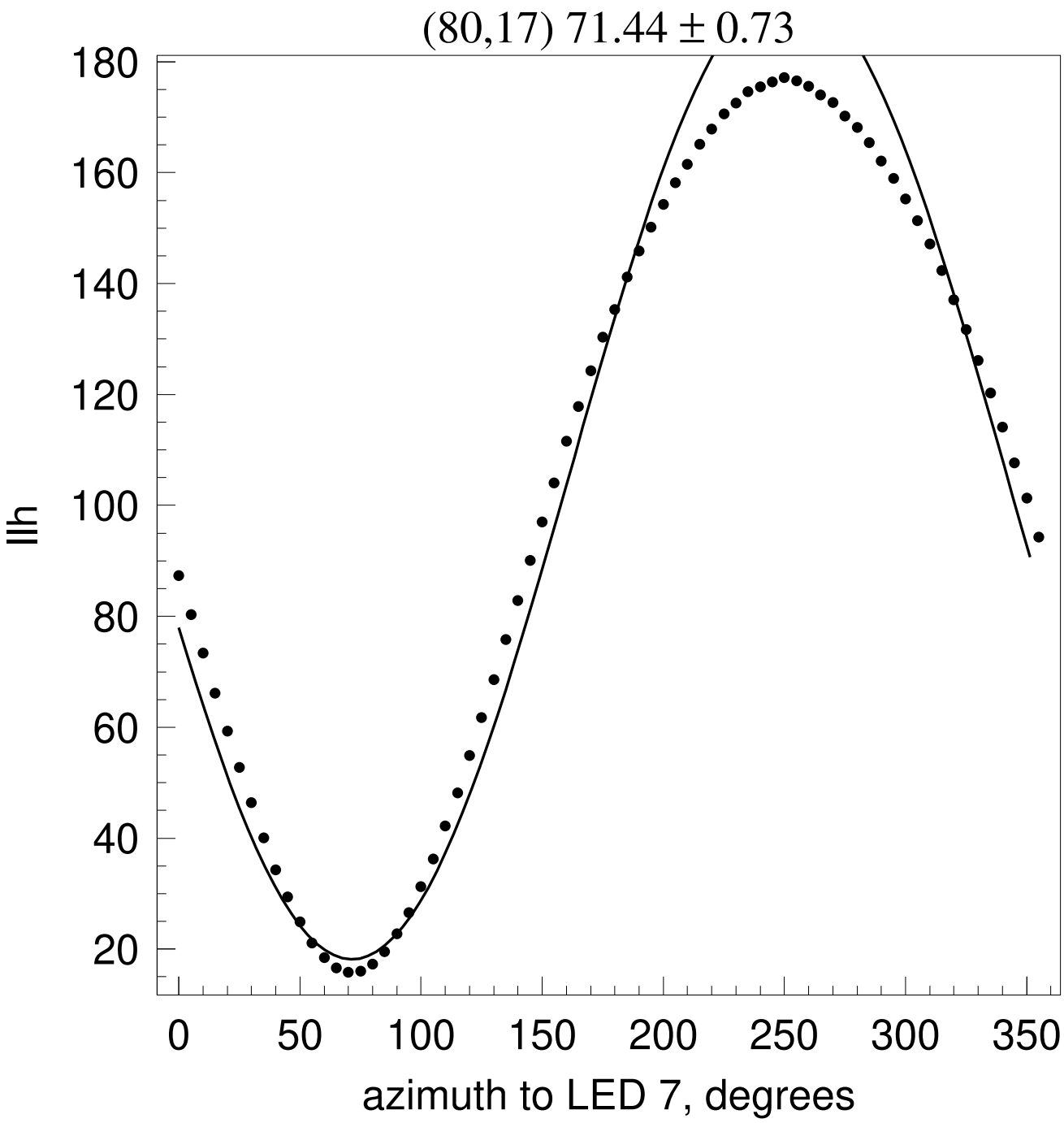

(80,12) 277.21 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

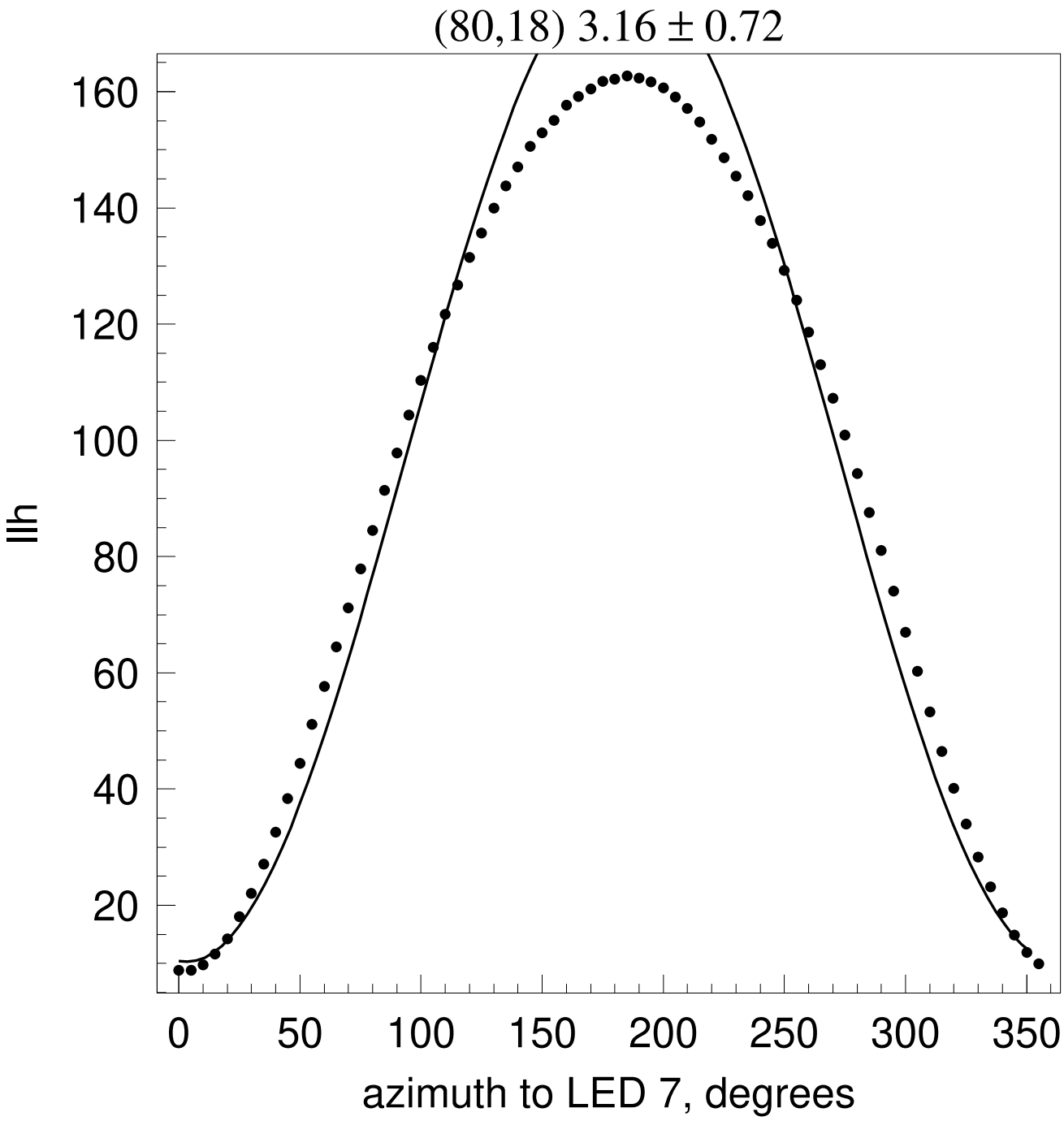

(80,13) 240.66 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

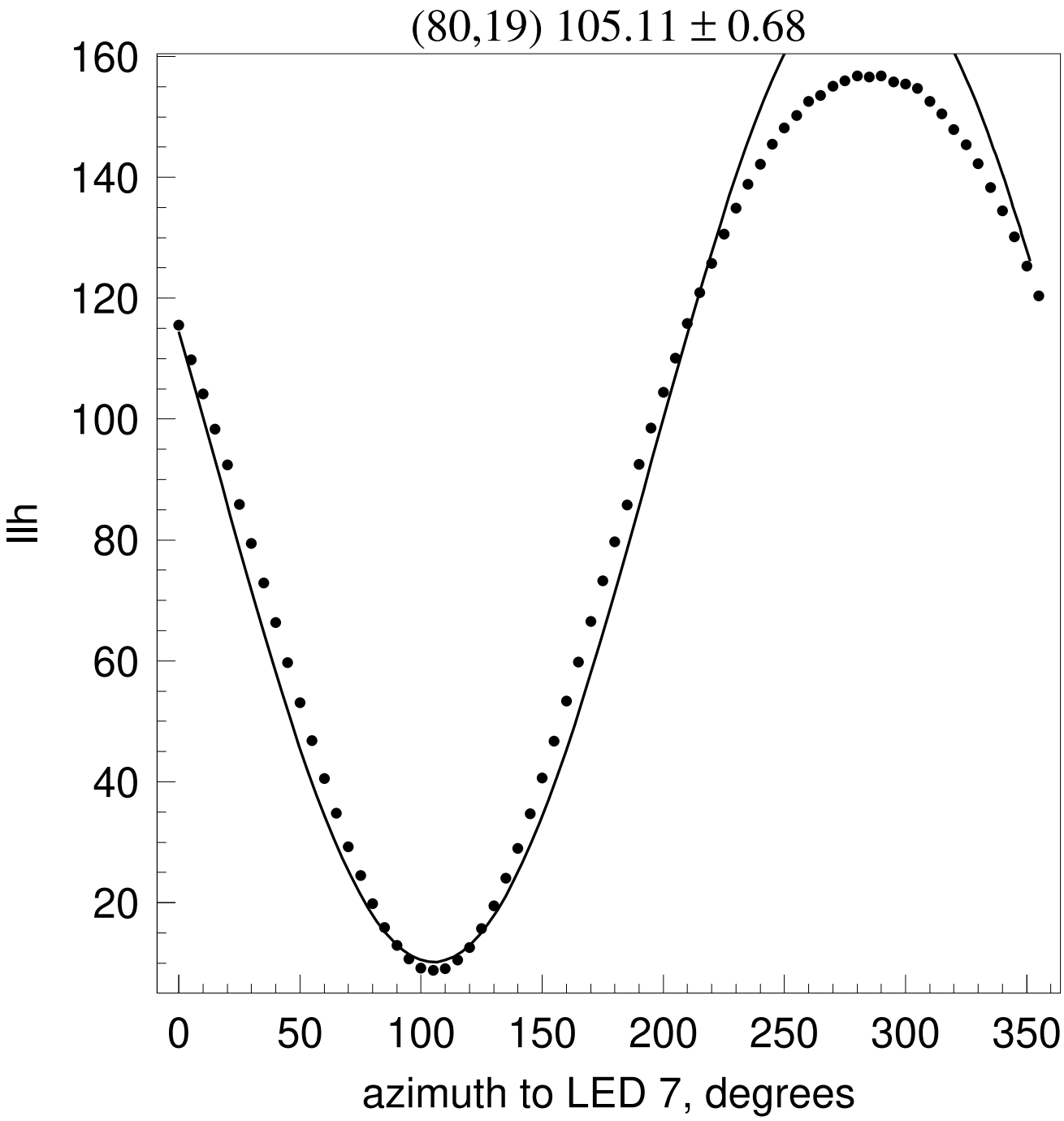

(80,14) 223.11 ± 0.55
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

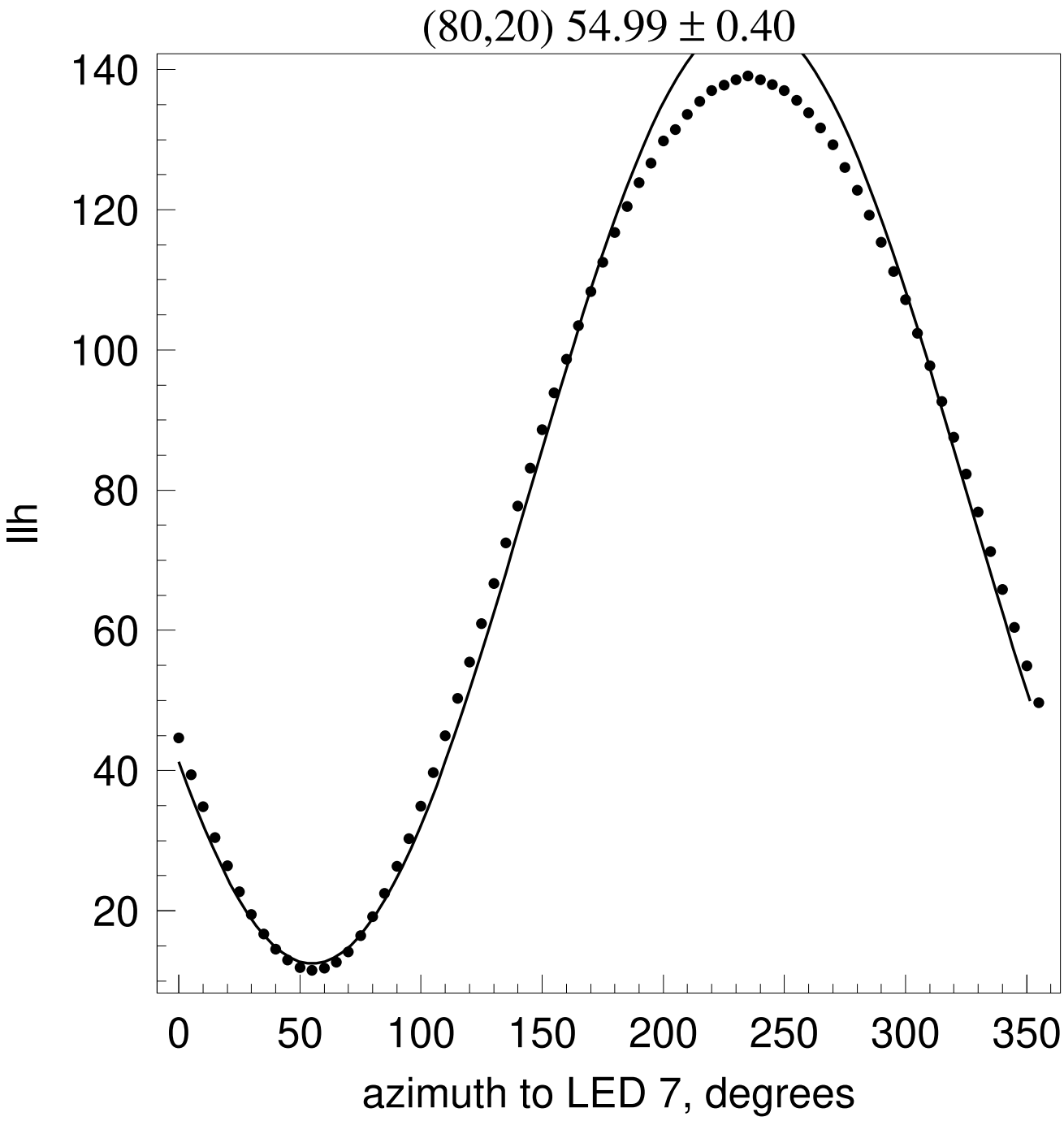

(80,15) 151.37 ± 0.63
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

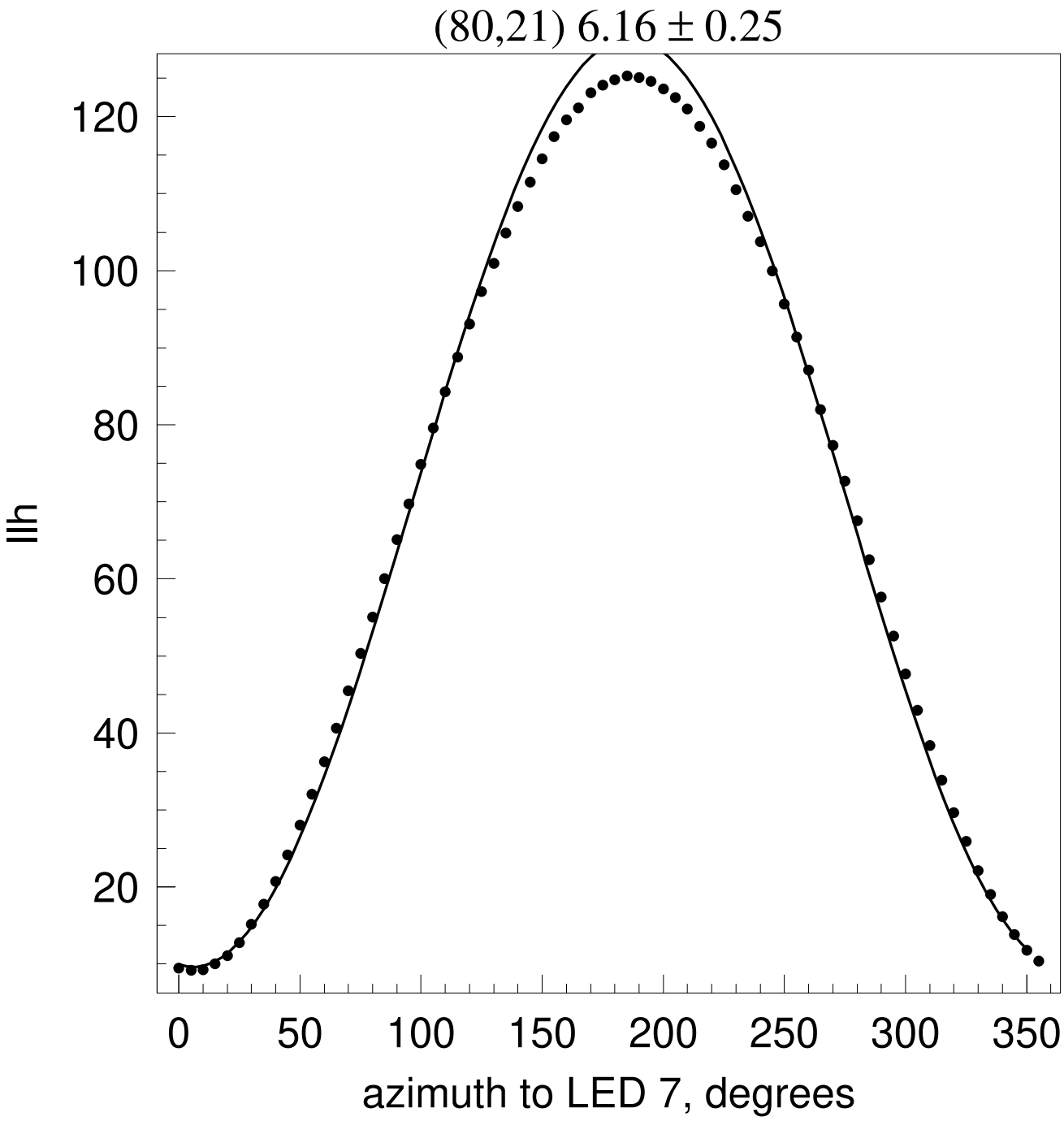

(80,16) 141.40 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

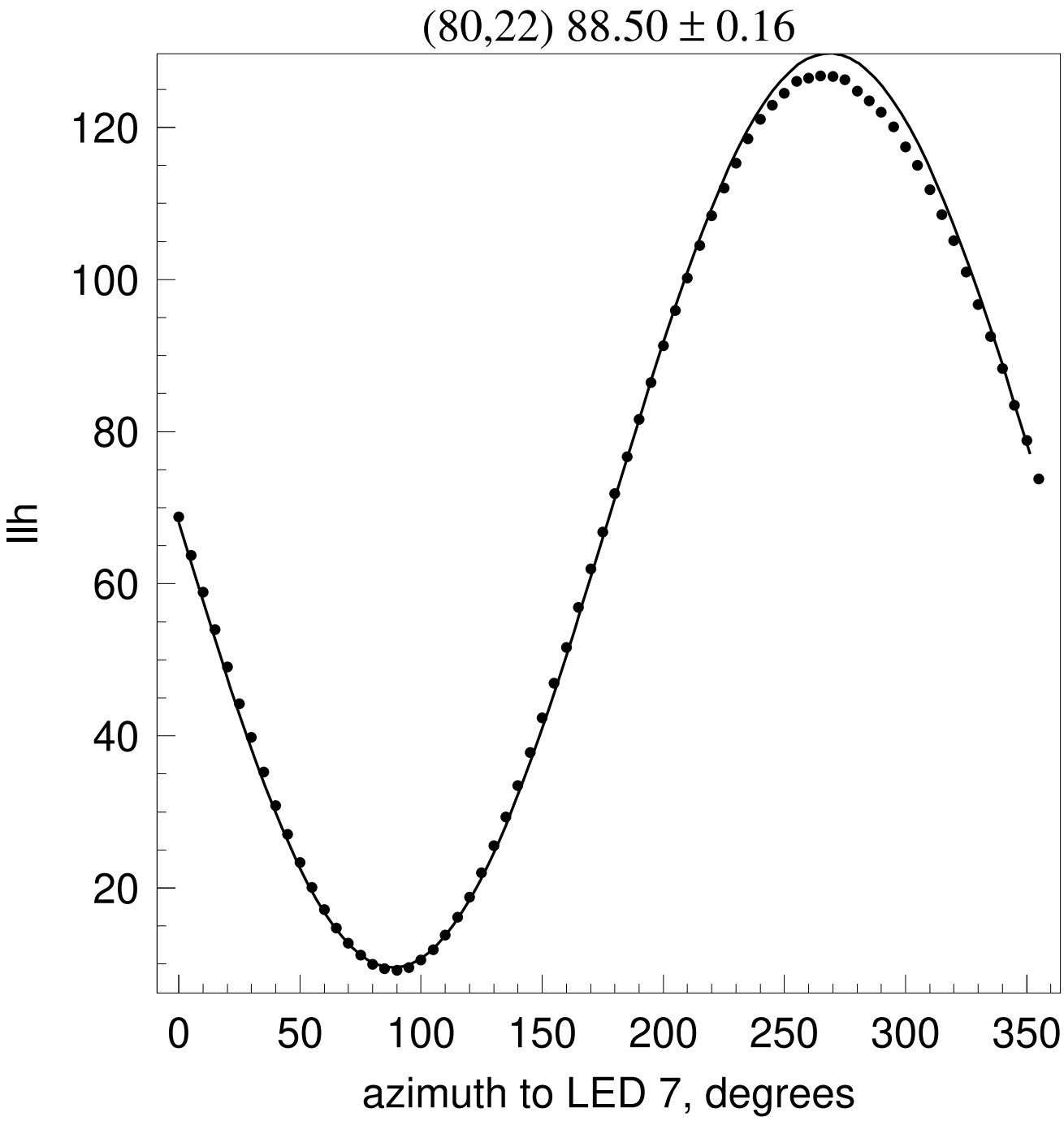

(80,17) 71.44 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

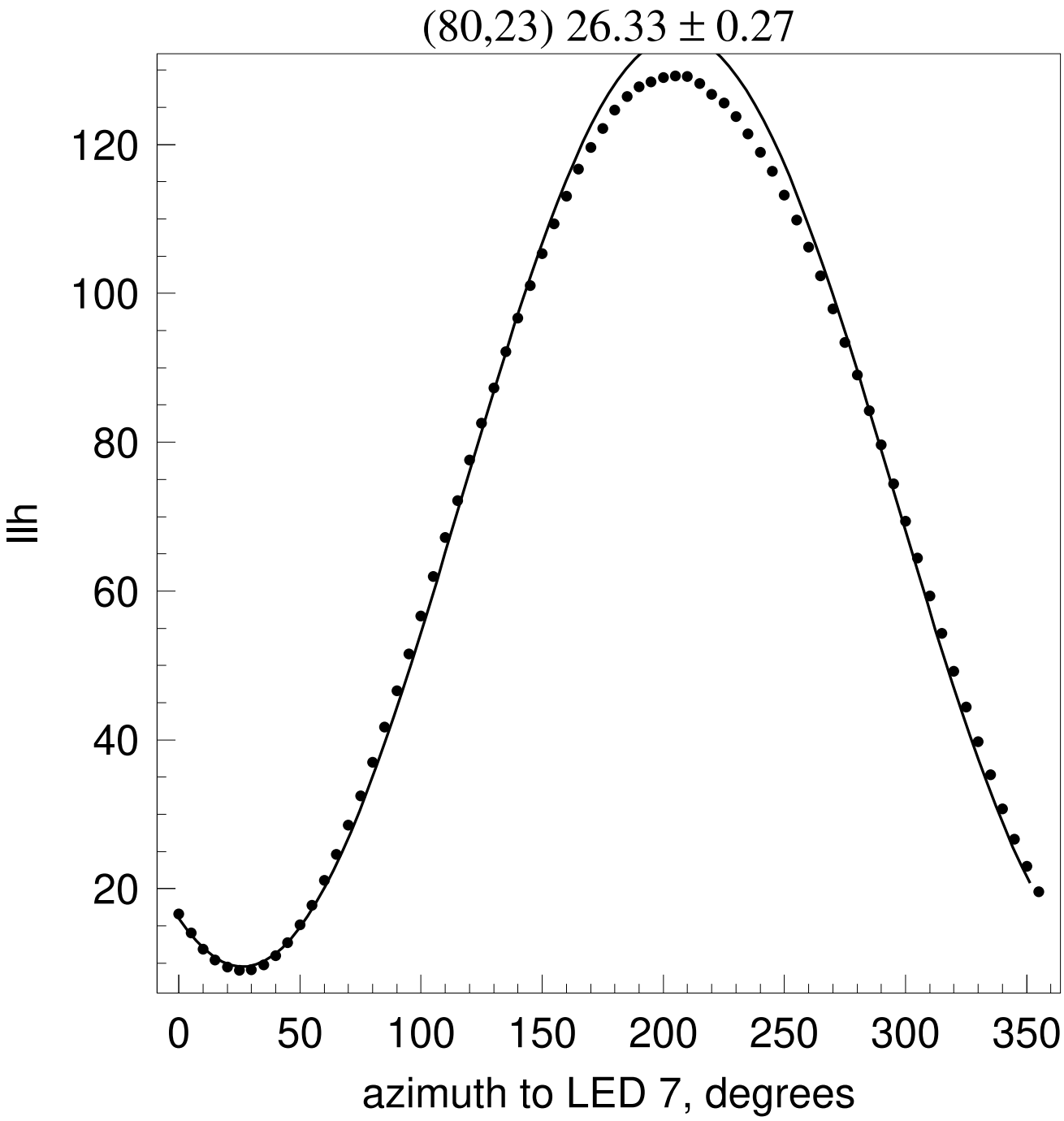

(80,18) 3.16 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

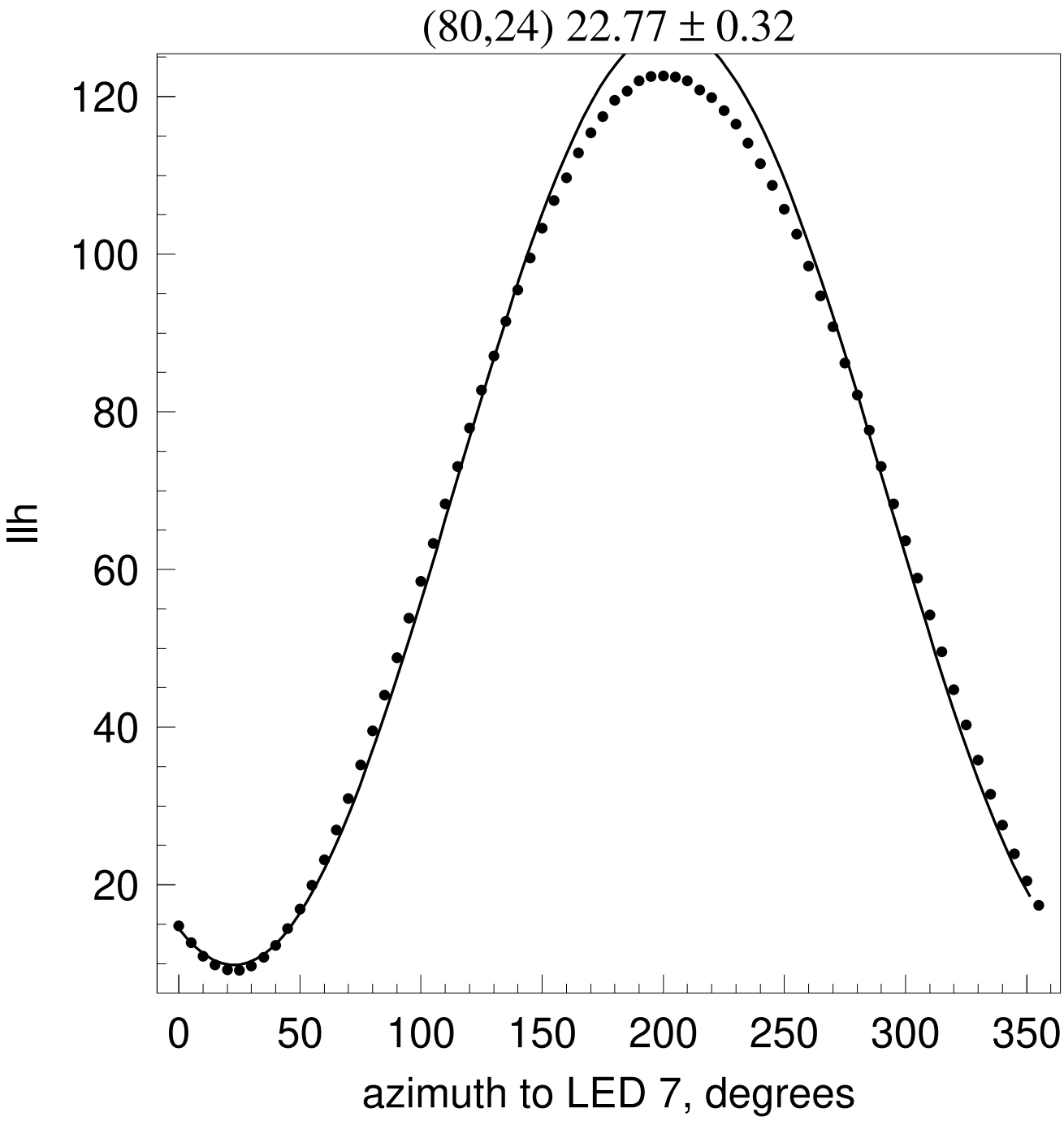

(80,19) 105.11 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

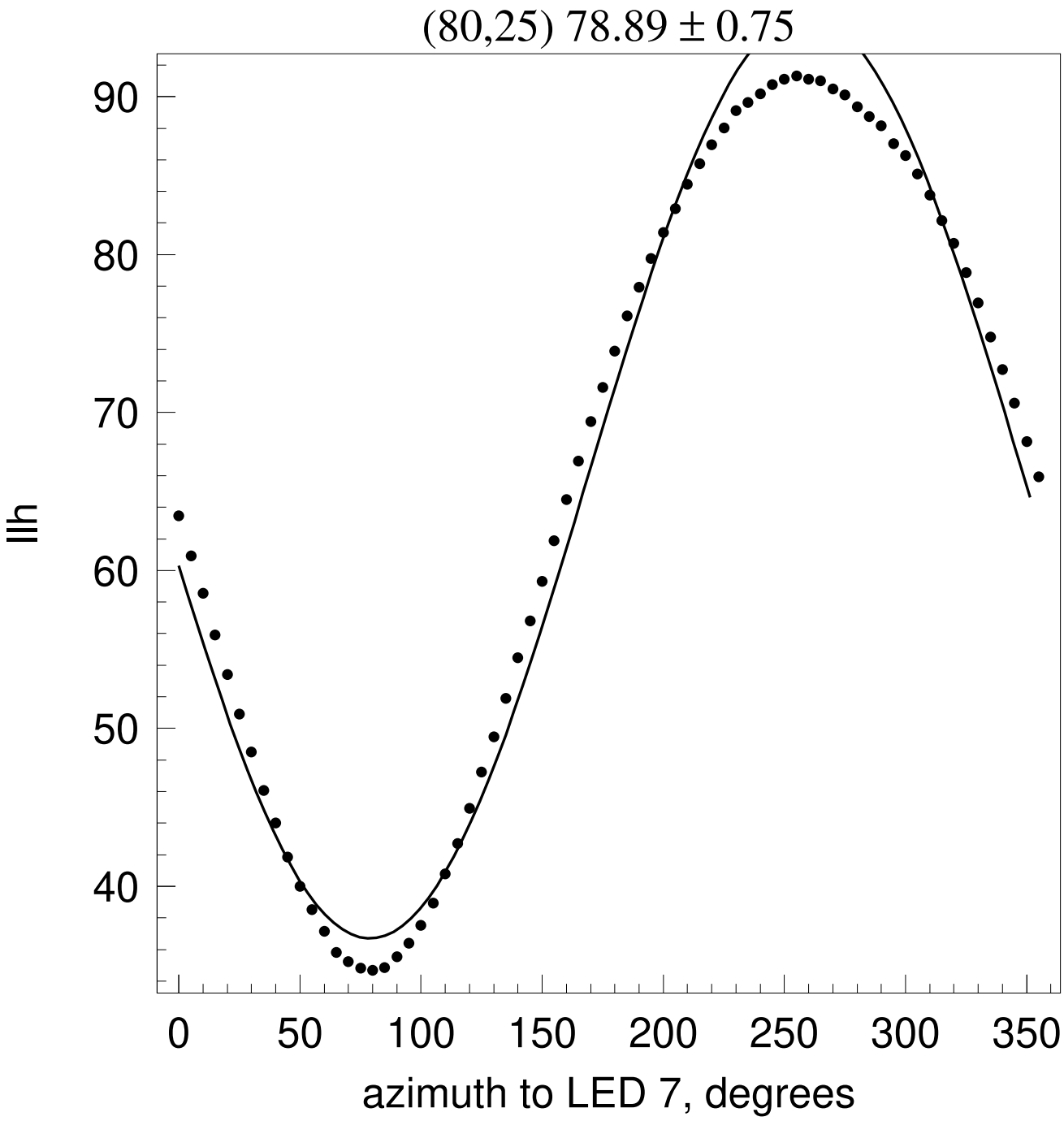

(80,20) 54.99 ± 0.40
140
120
100
80
60
40
20
Ilh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

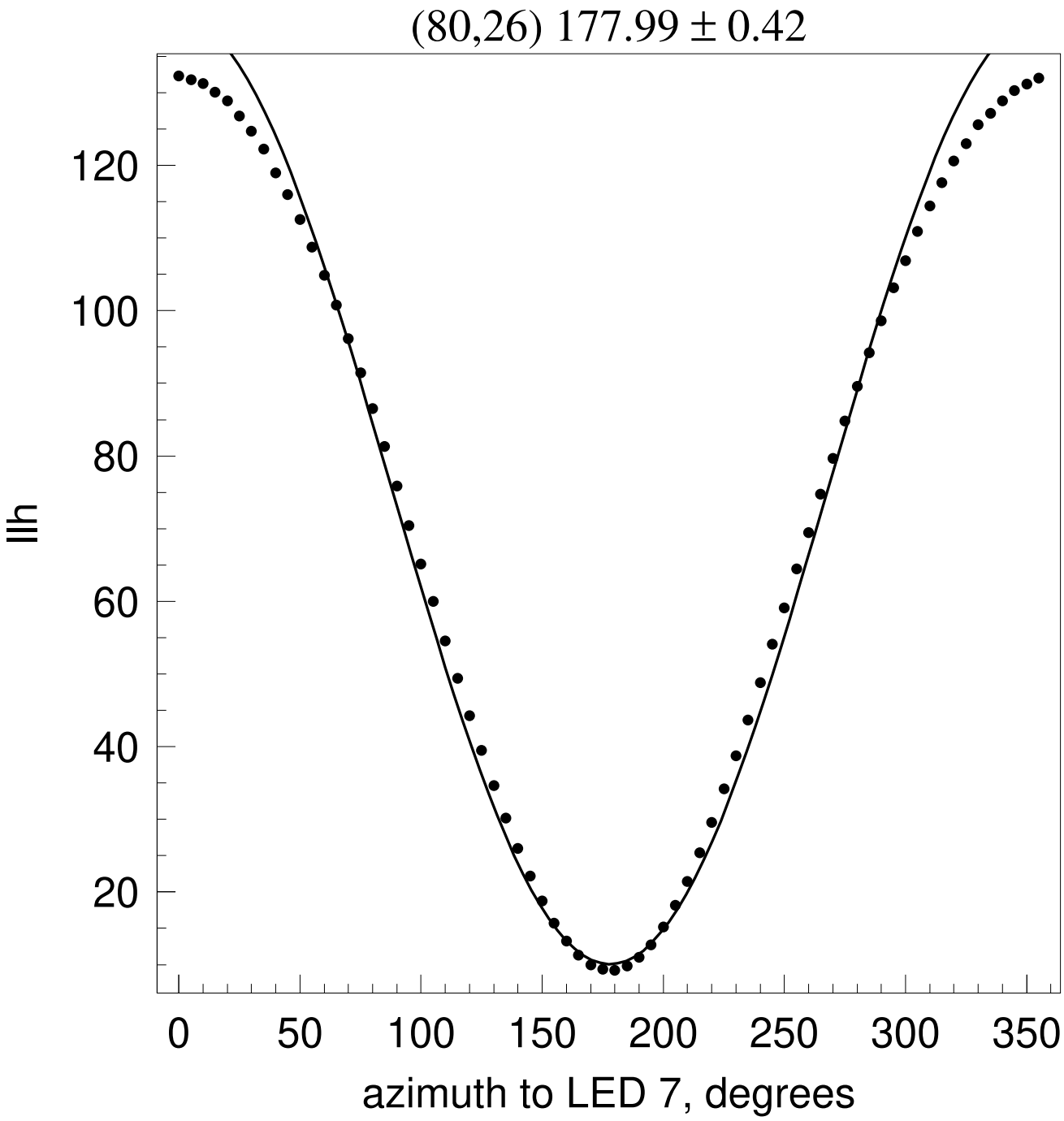

(80,21) 6.16 ± 0.25
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

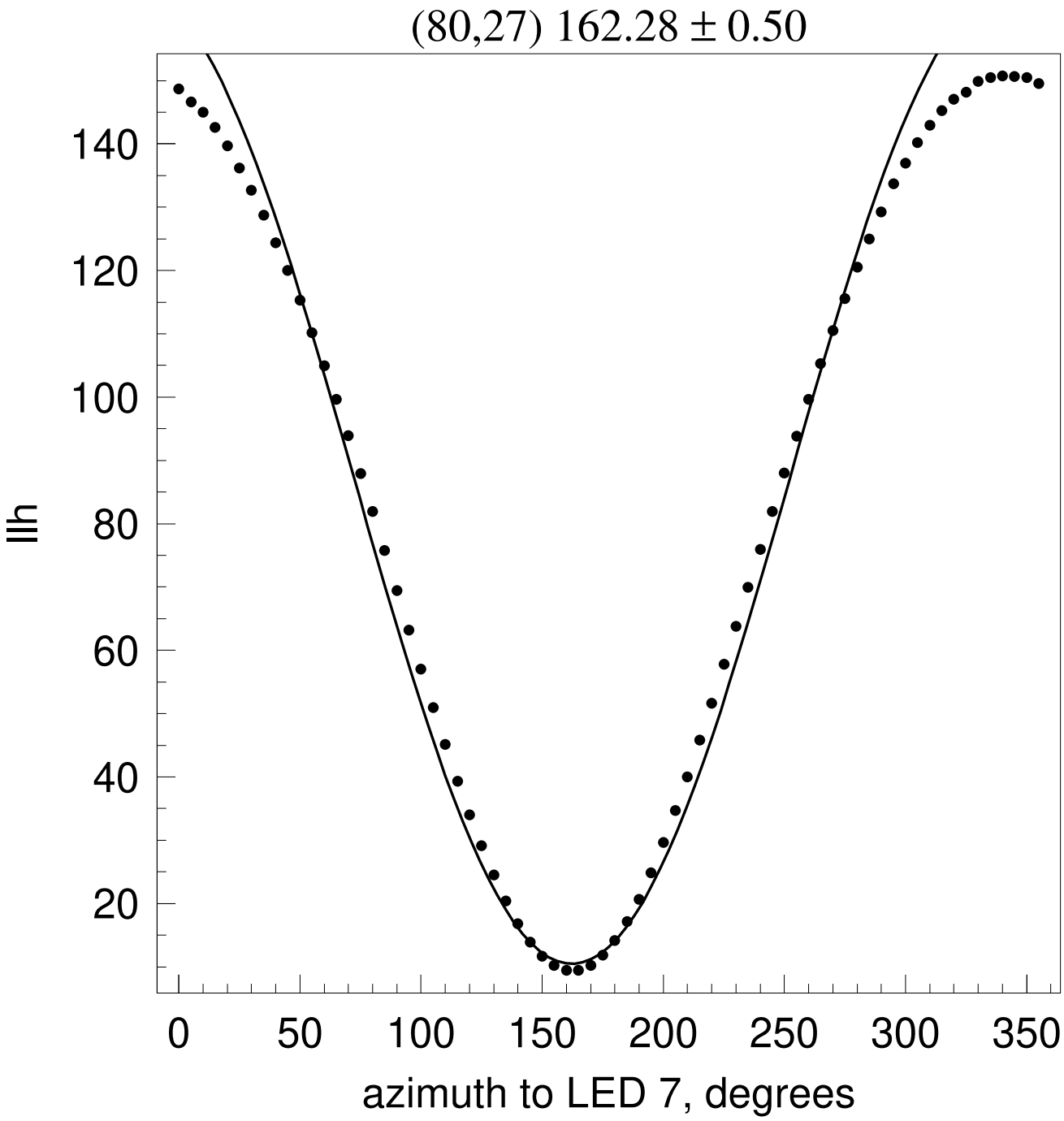

(80,22) 88.50 ± 0.16
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

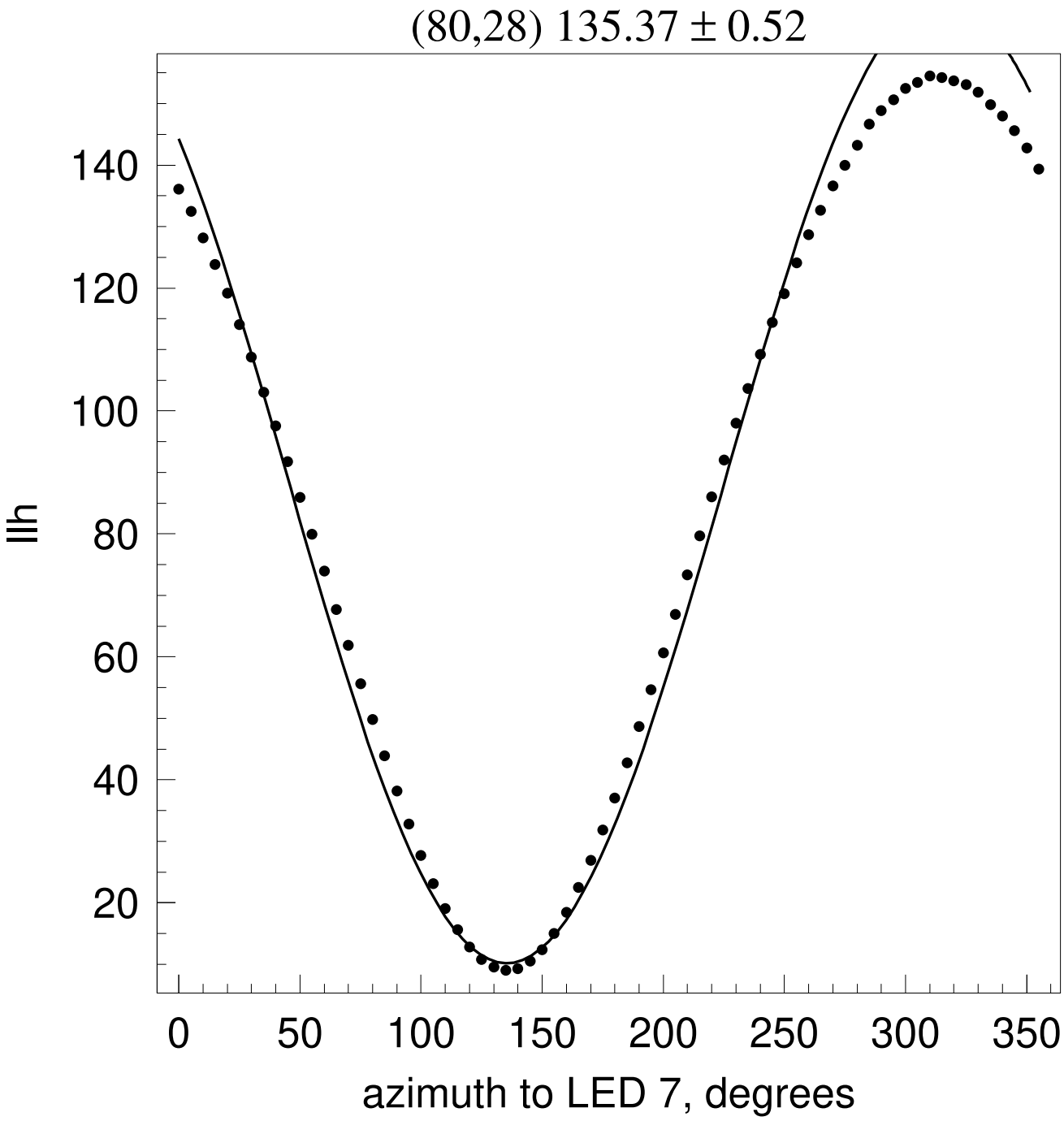

(80,23) 26.33 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

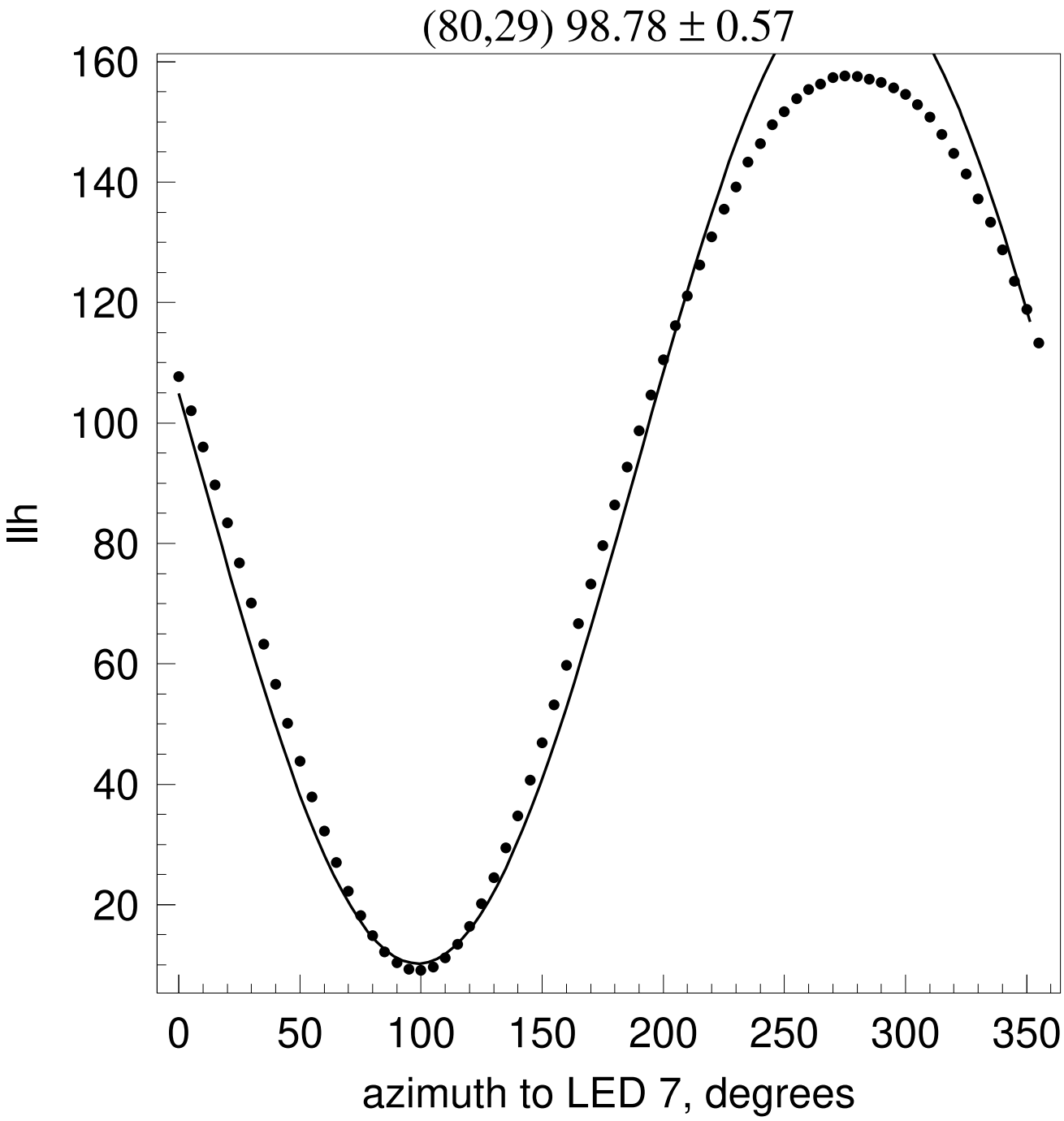

(80,24) 22.77 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

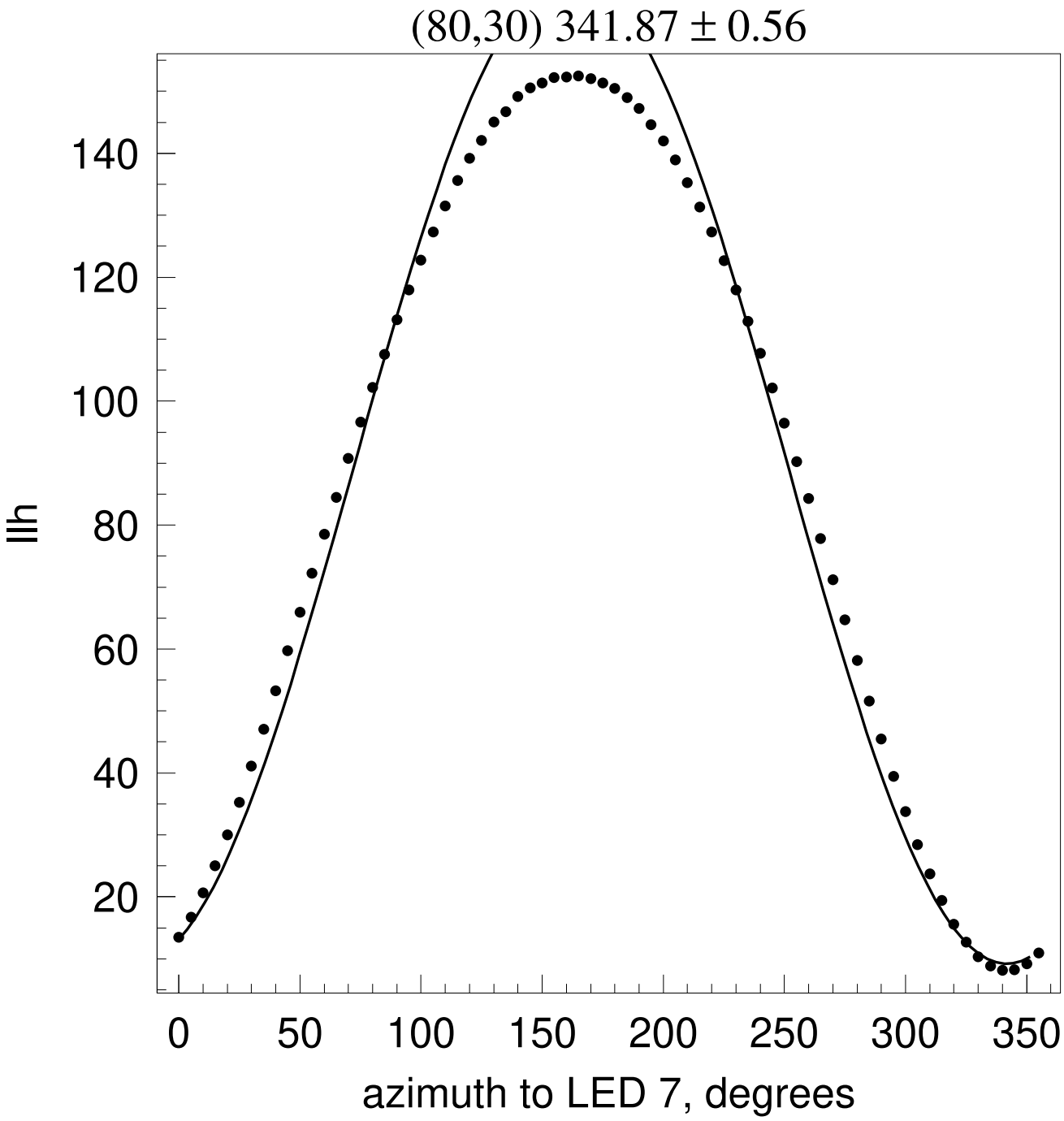

(80,25) 78.89 ± 0.75
90
80
70
60
50
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

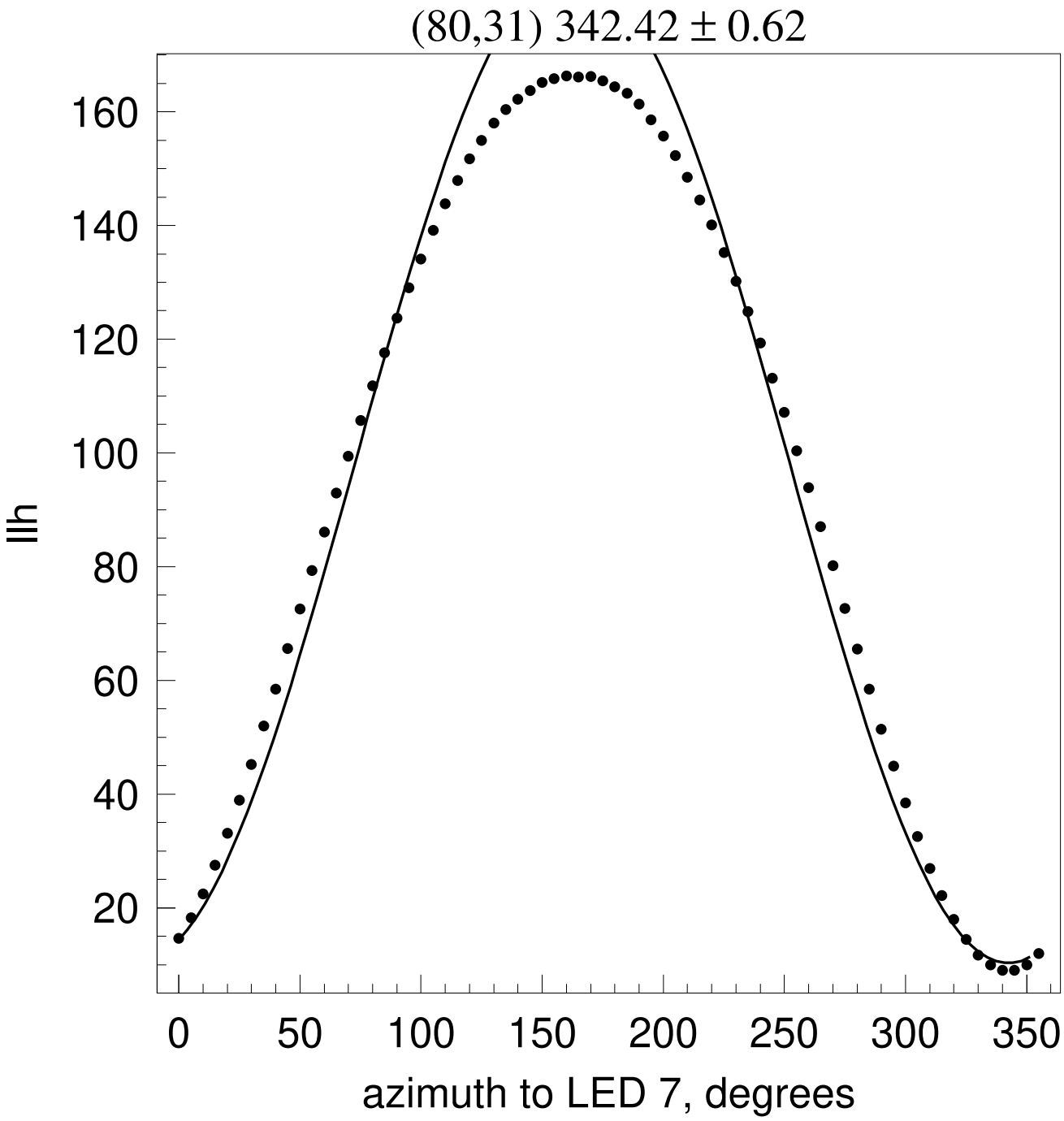

(80,26) 177.99 ± 0.42
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

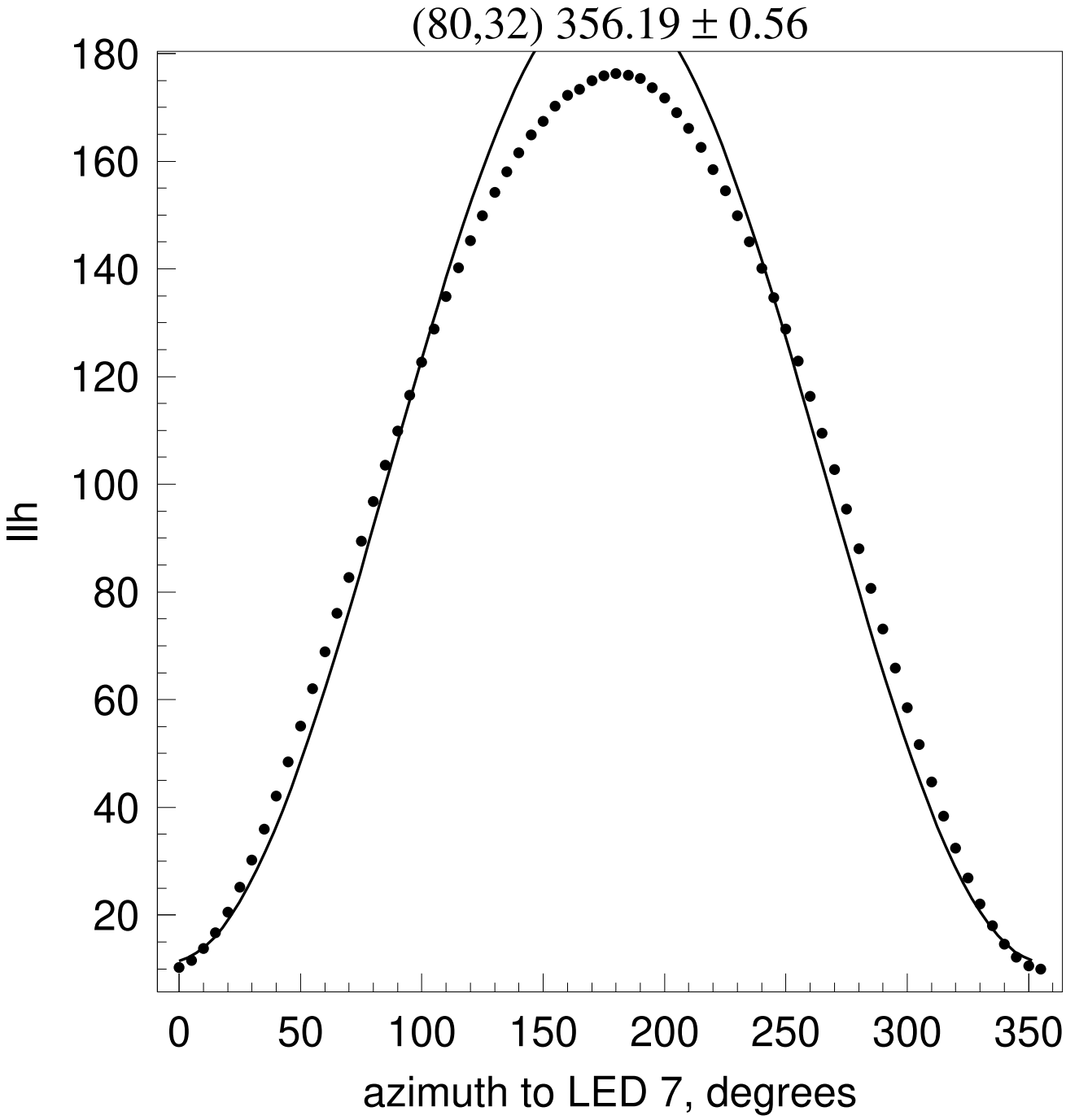

(80,27) 162.28 ± 0.50
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

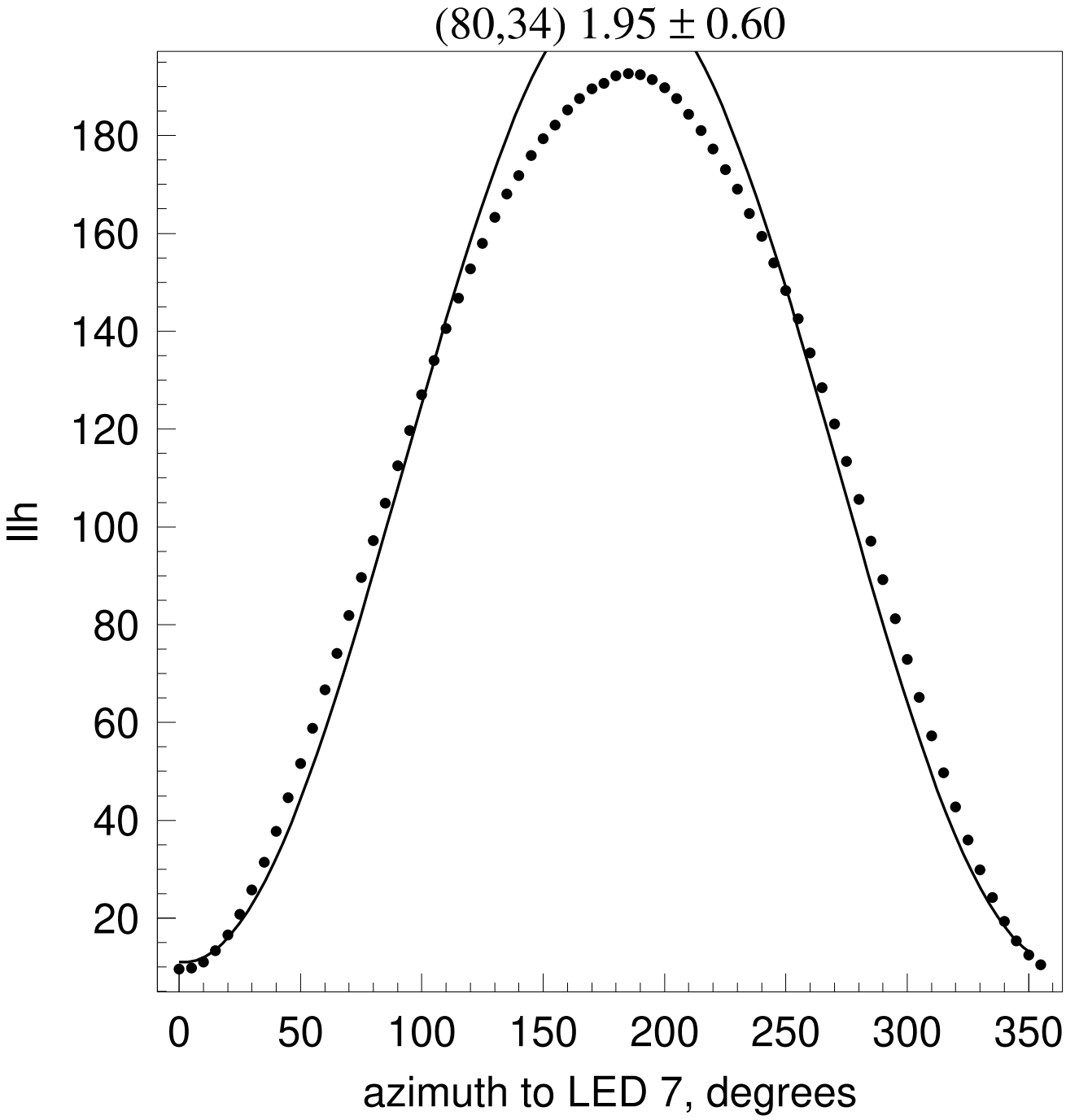

(80,28) 135.37 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

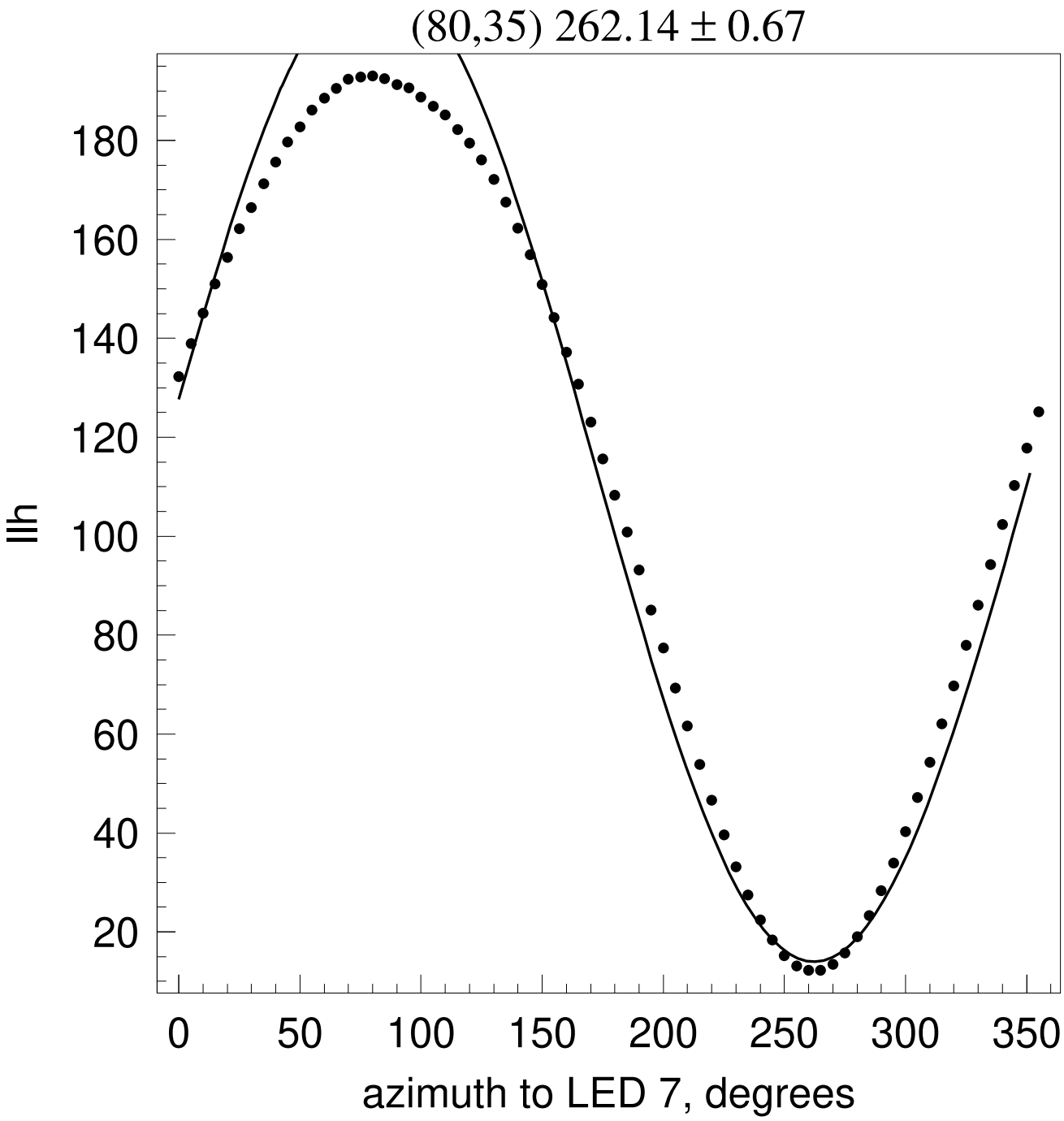

(80,29) 98.78 ± 0.57
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

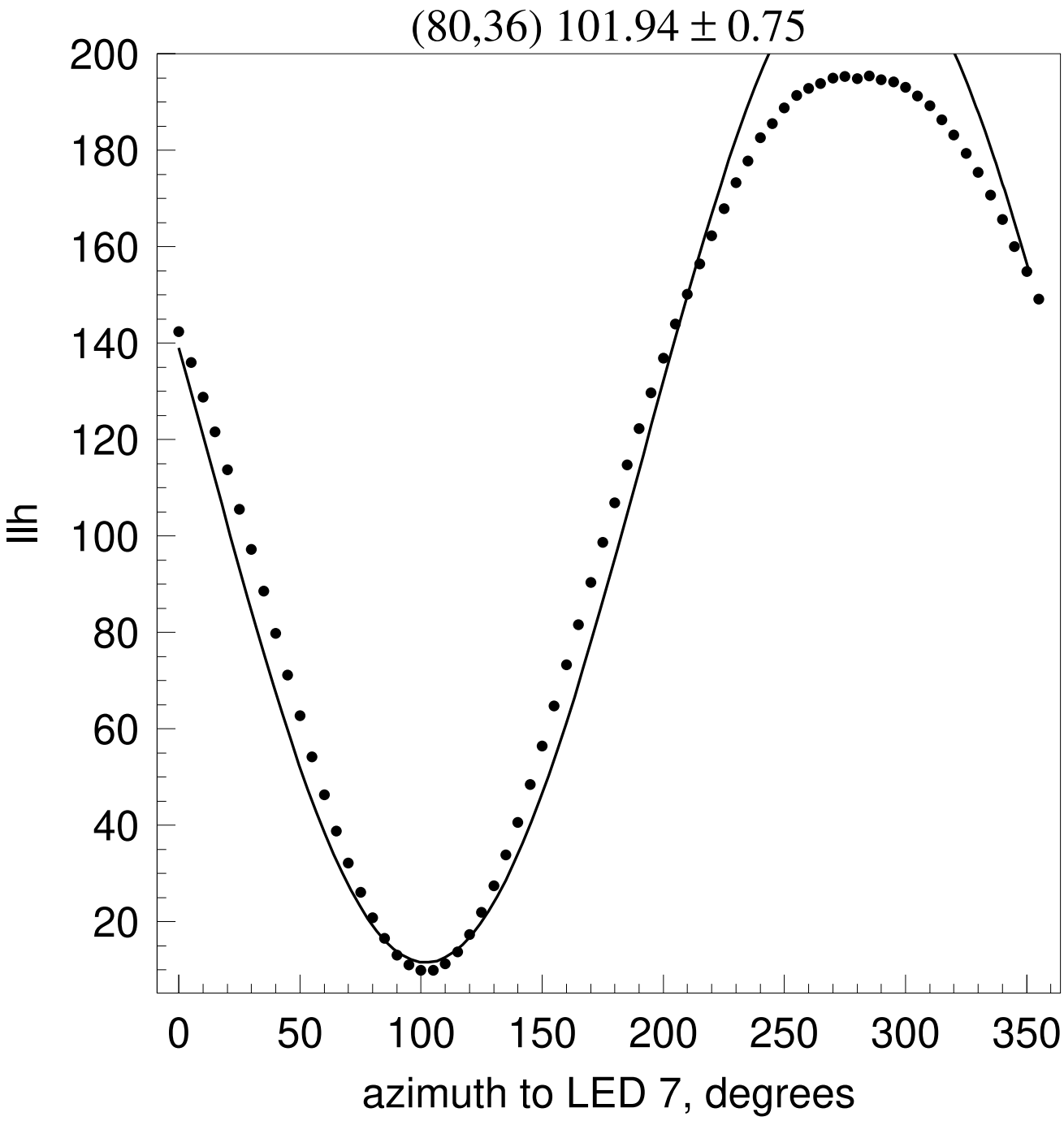

(80,30) 341.87 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

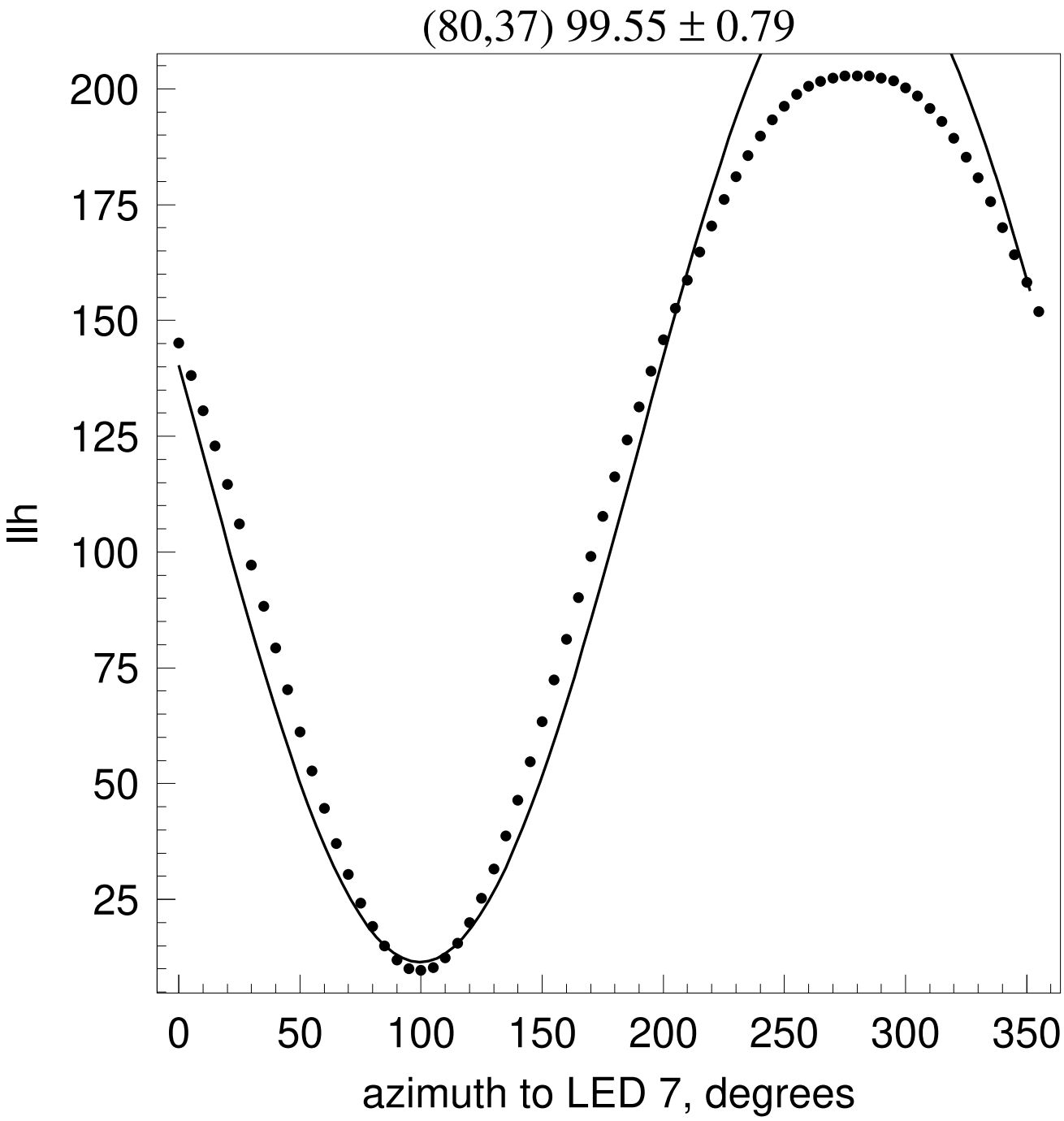

(80,31) 342.42 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

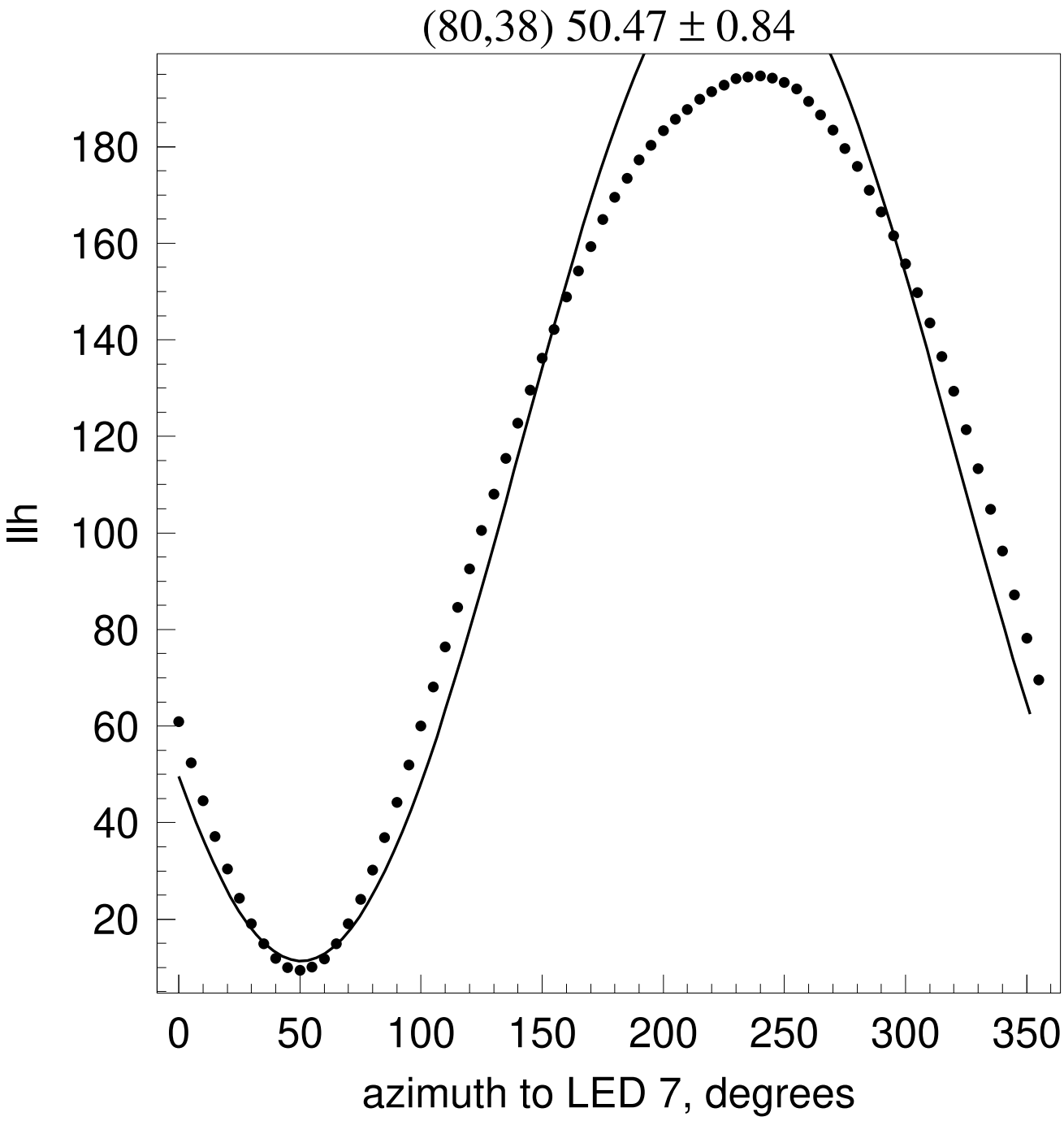

(80,32) 356.19 ± 0.56
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

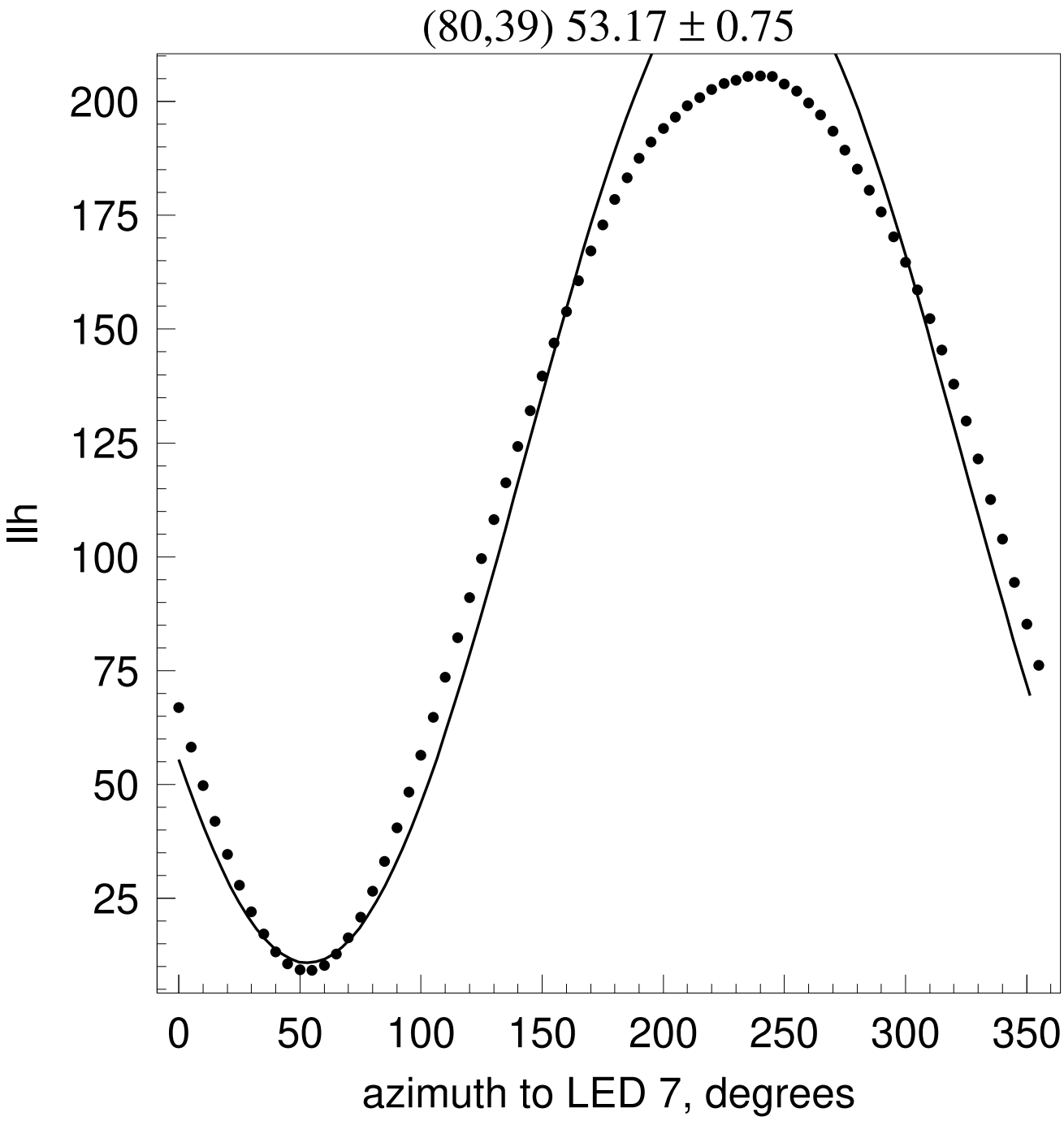

(80,34) 1.95 ± 0.60
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

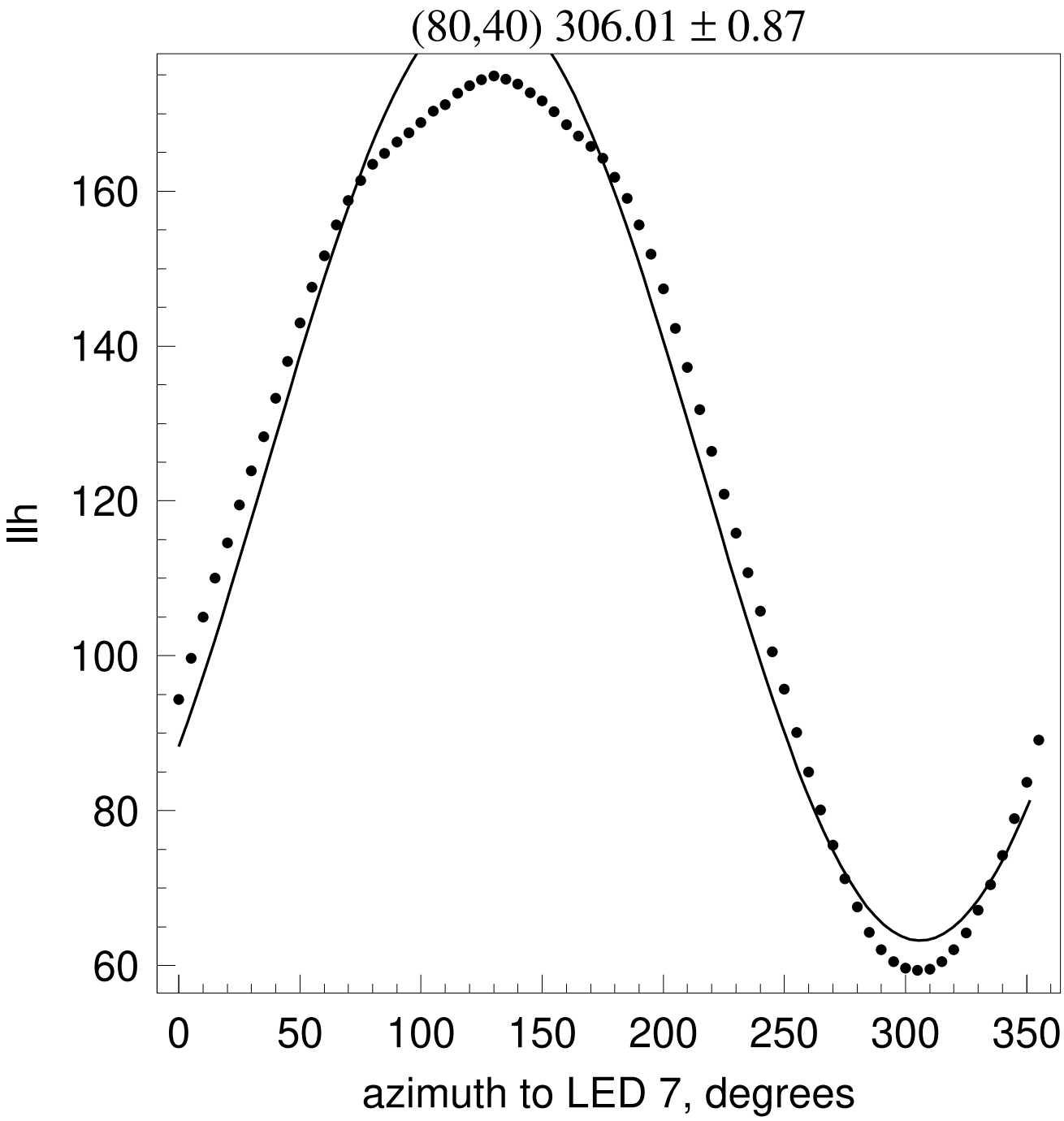

(80,35) 262.14 ± 0.67
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

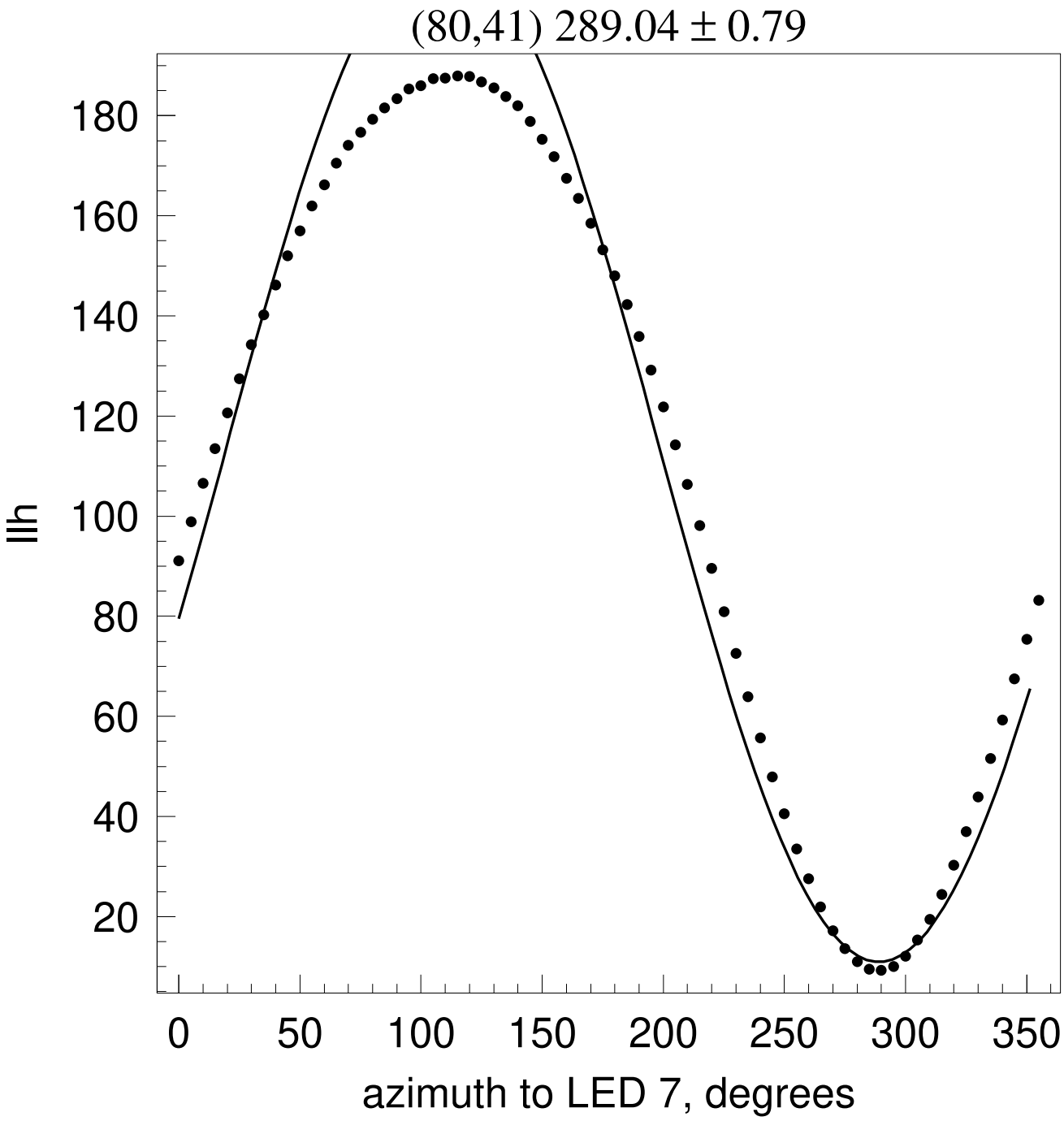

(80,36) 101.94 ± 0.75
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

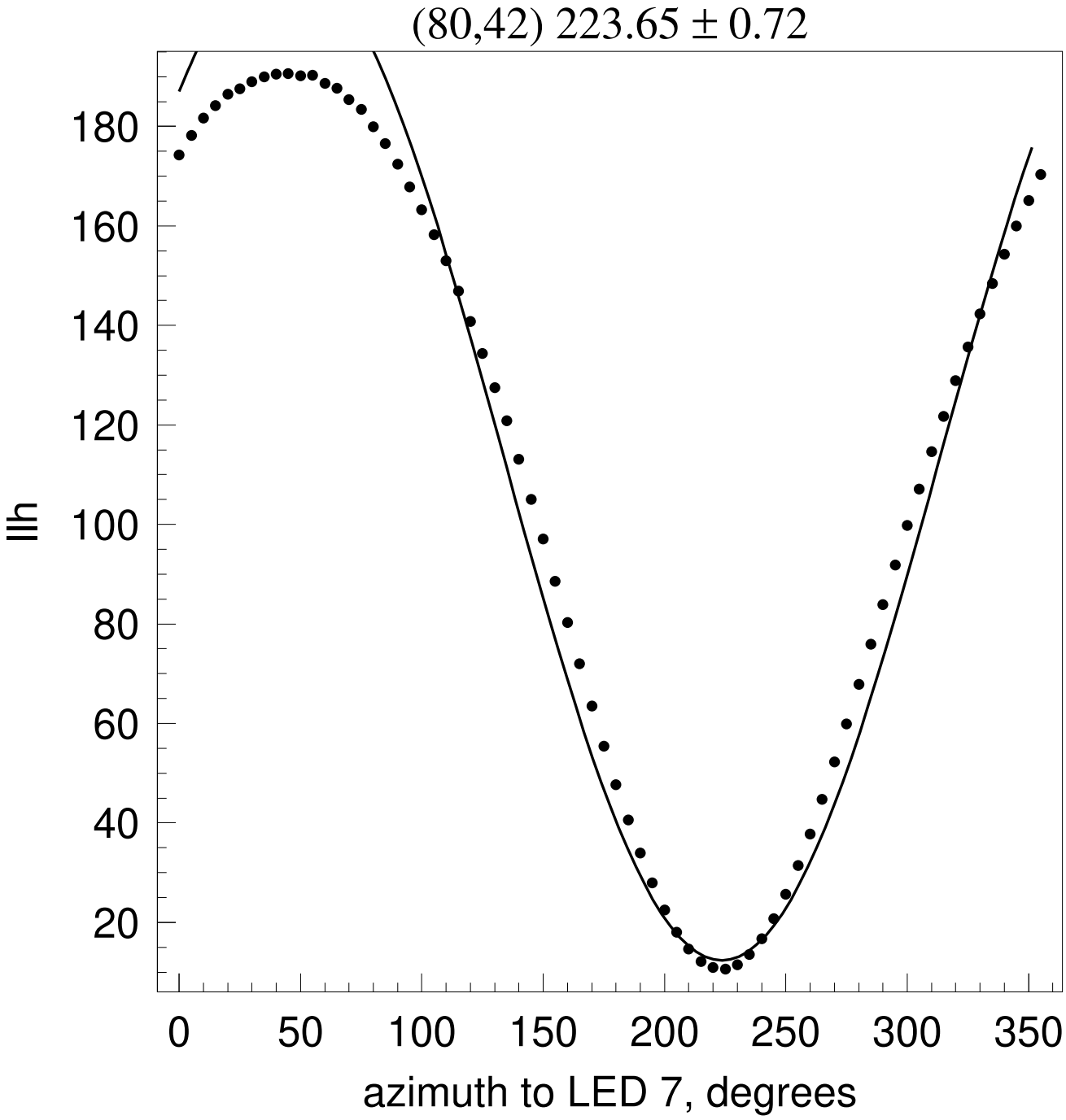

(80,37) 99.55 ± 0.79
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

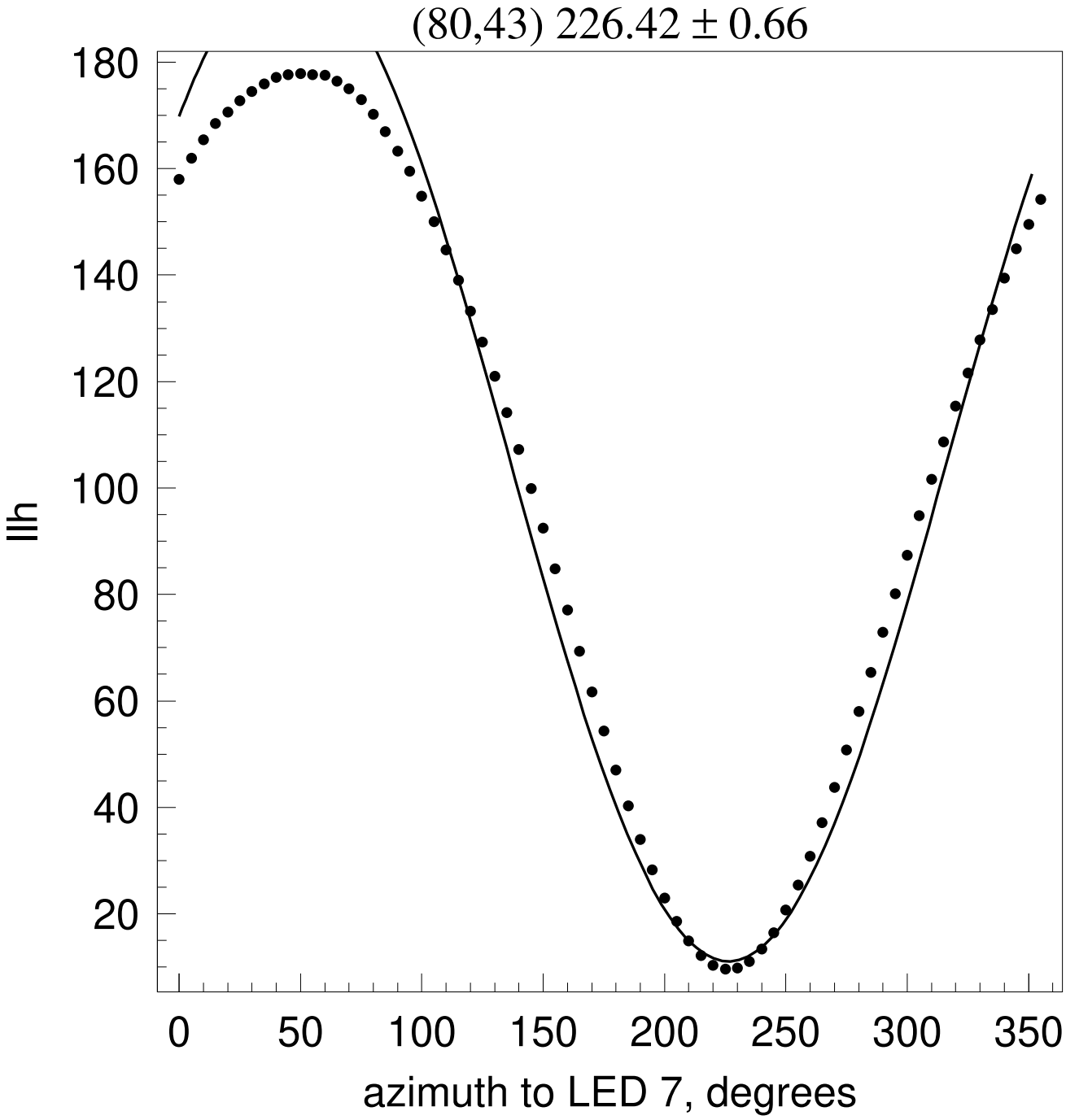

(80,38) 50.47 ± 0.84
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

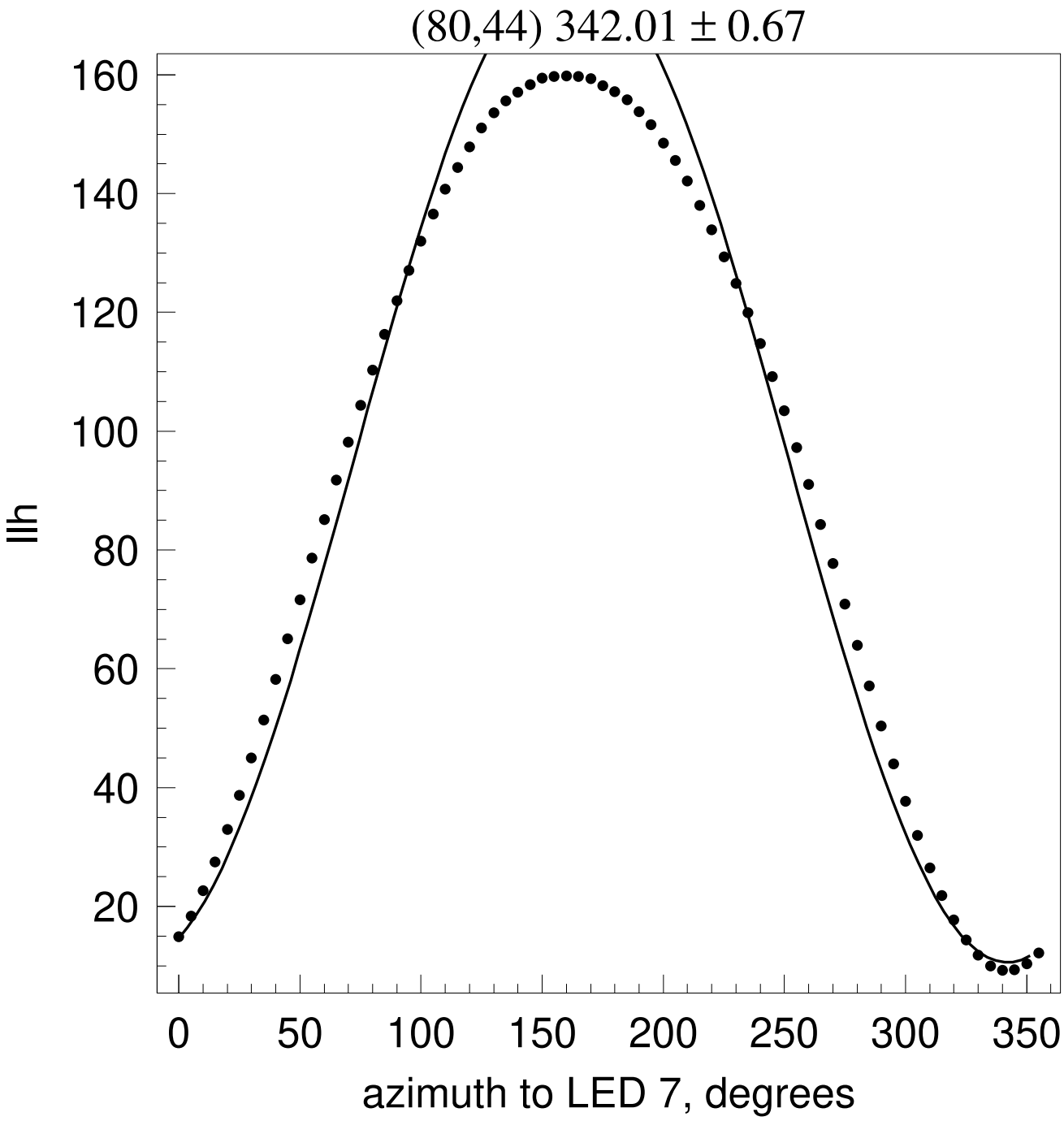

(80,39) 53.17 ± 0.75
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

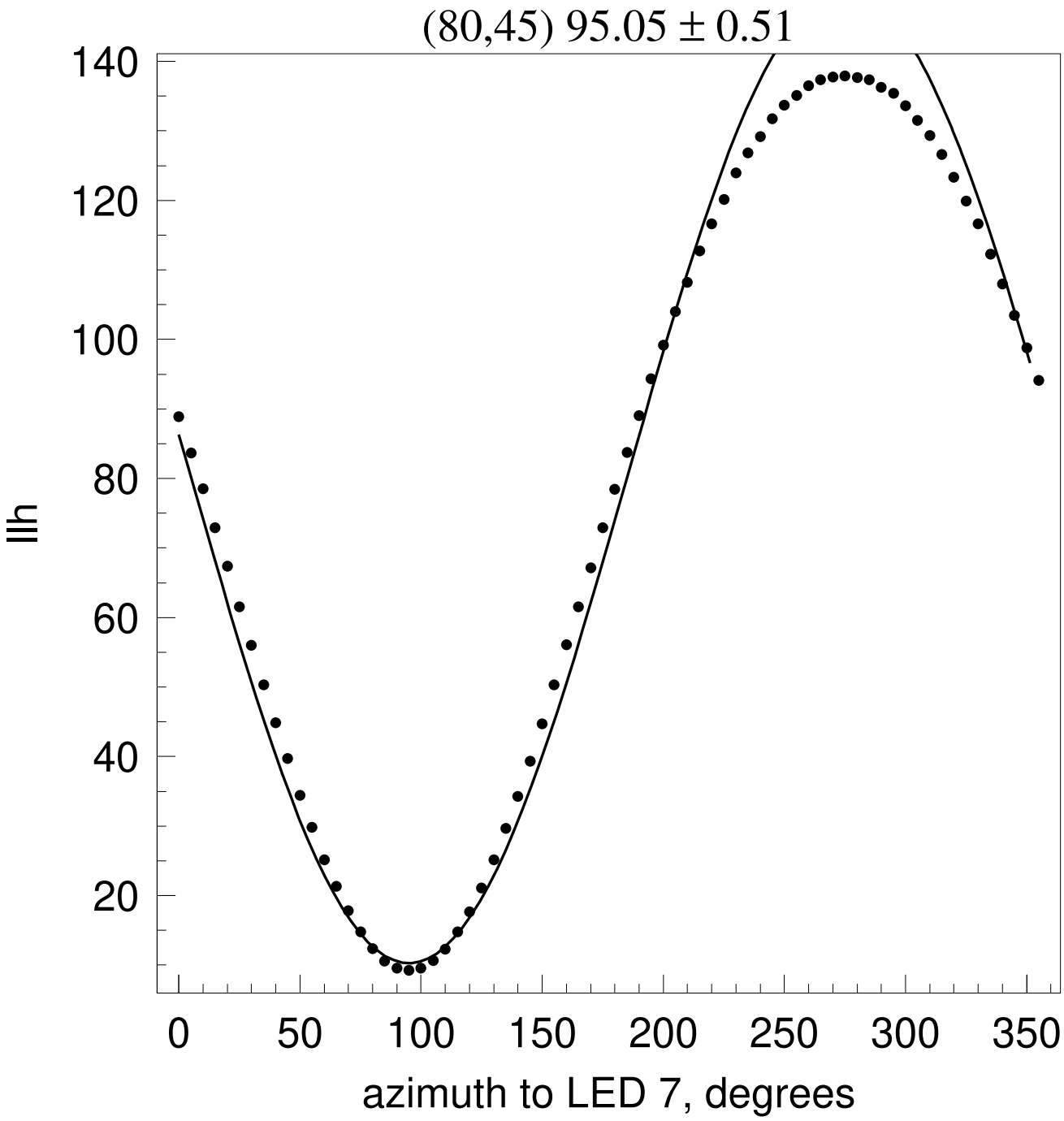

(80,40) 306.01 ± 0.87
160
140
120
100
80
60
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

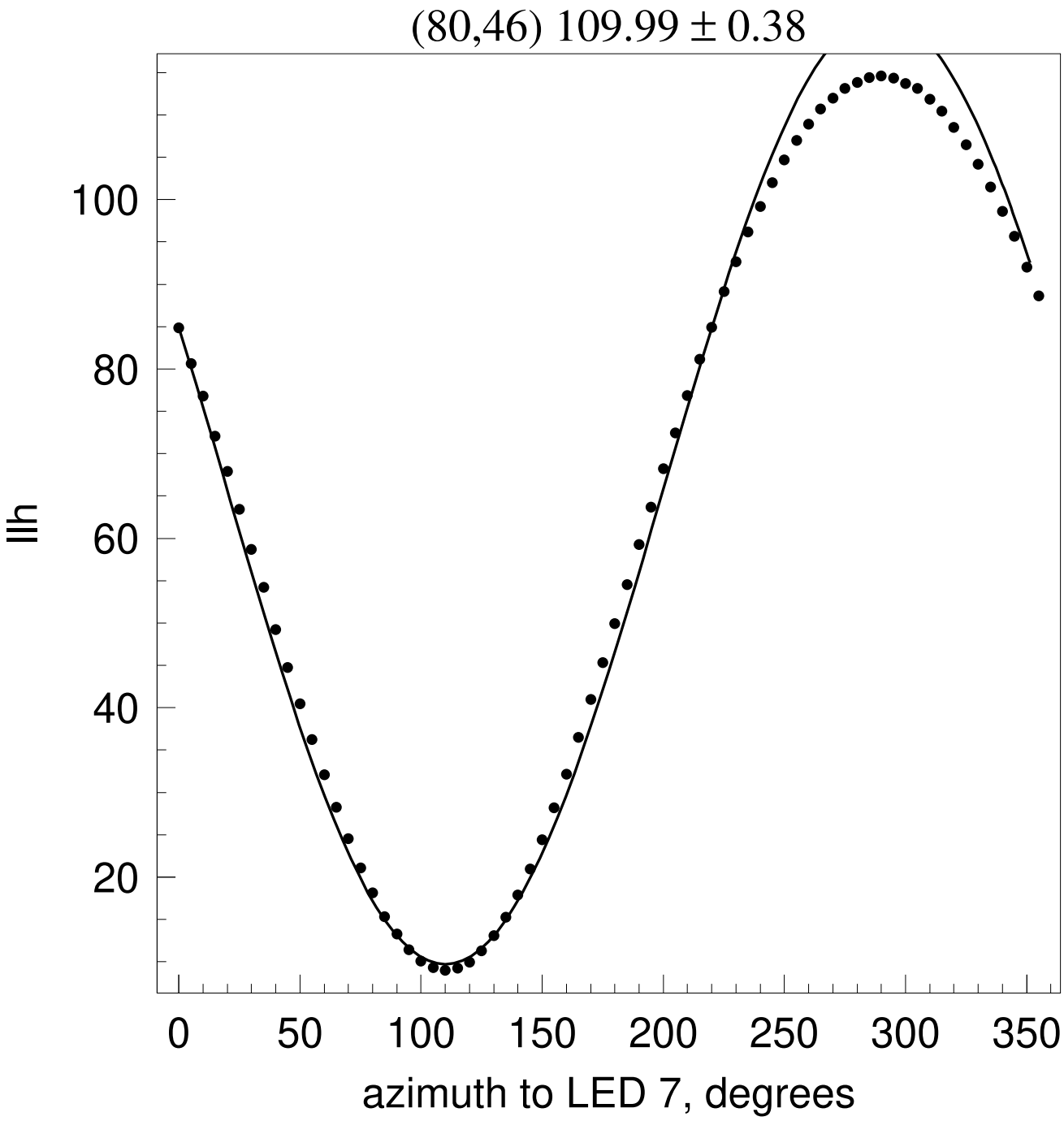

(80,41) 289.04 ± 0.79
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

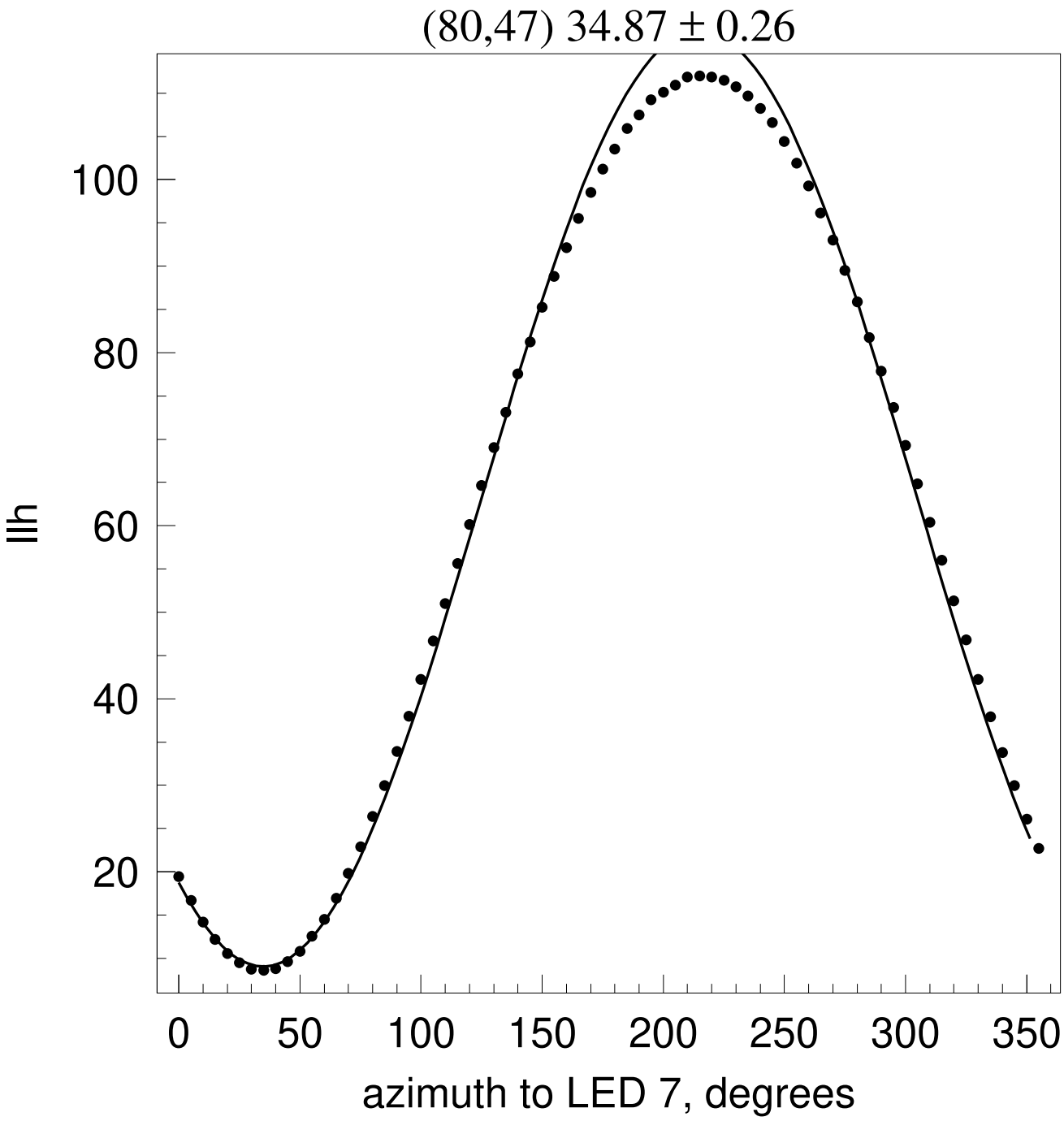

(80,42) 223.65 ± 0.72
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

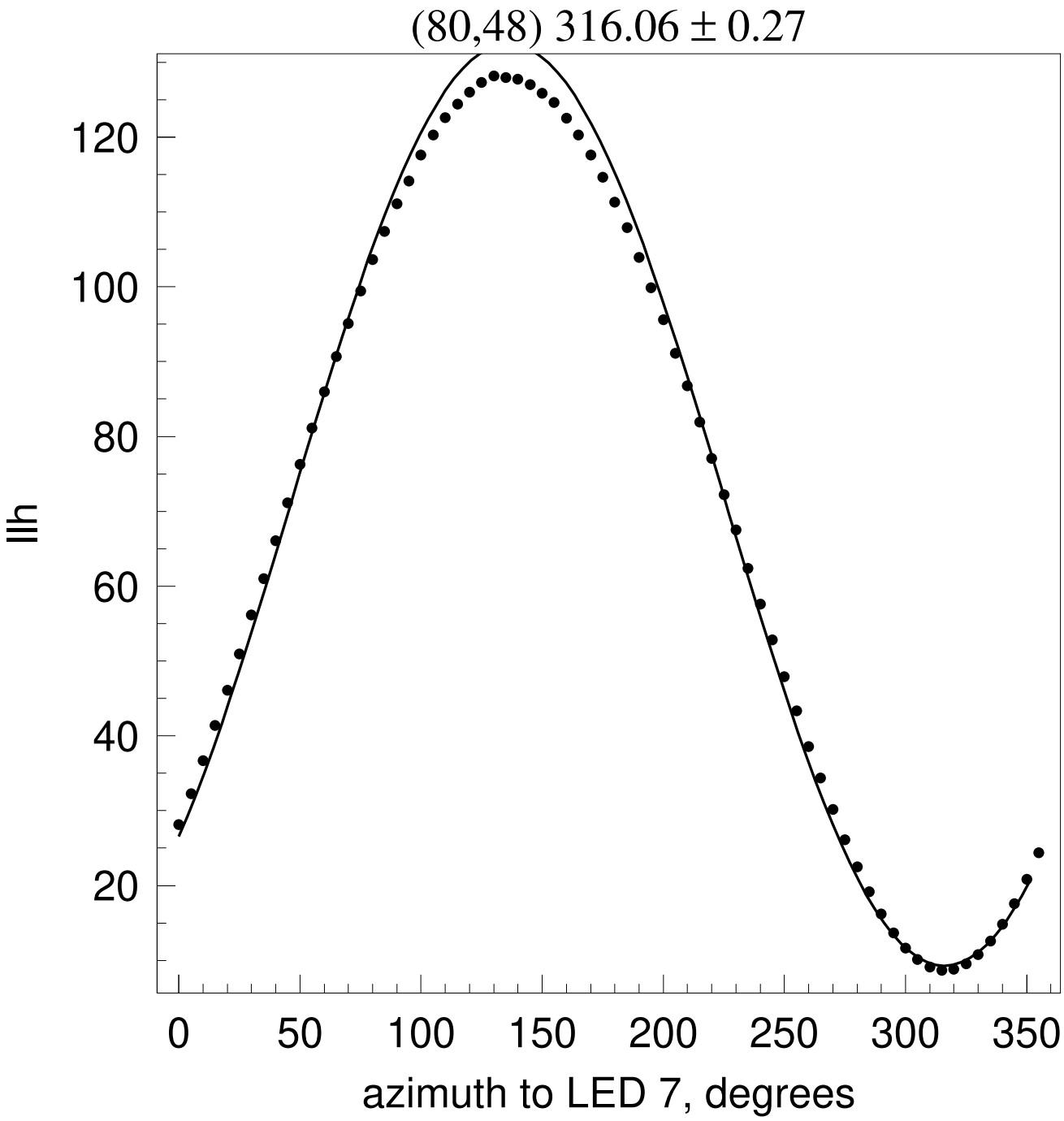

(80,43) 226.42 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

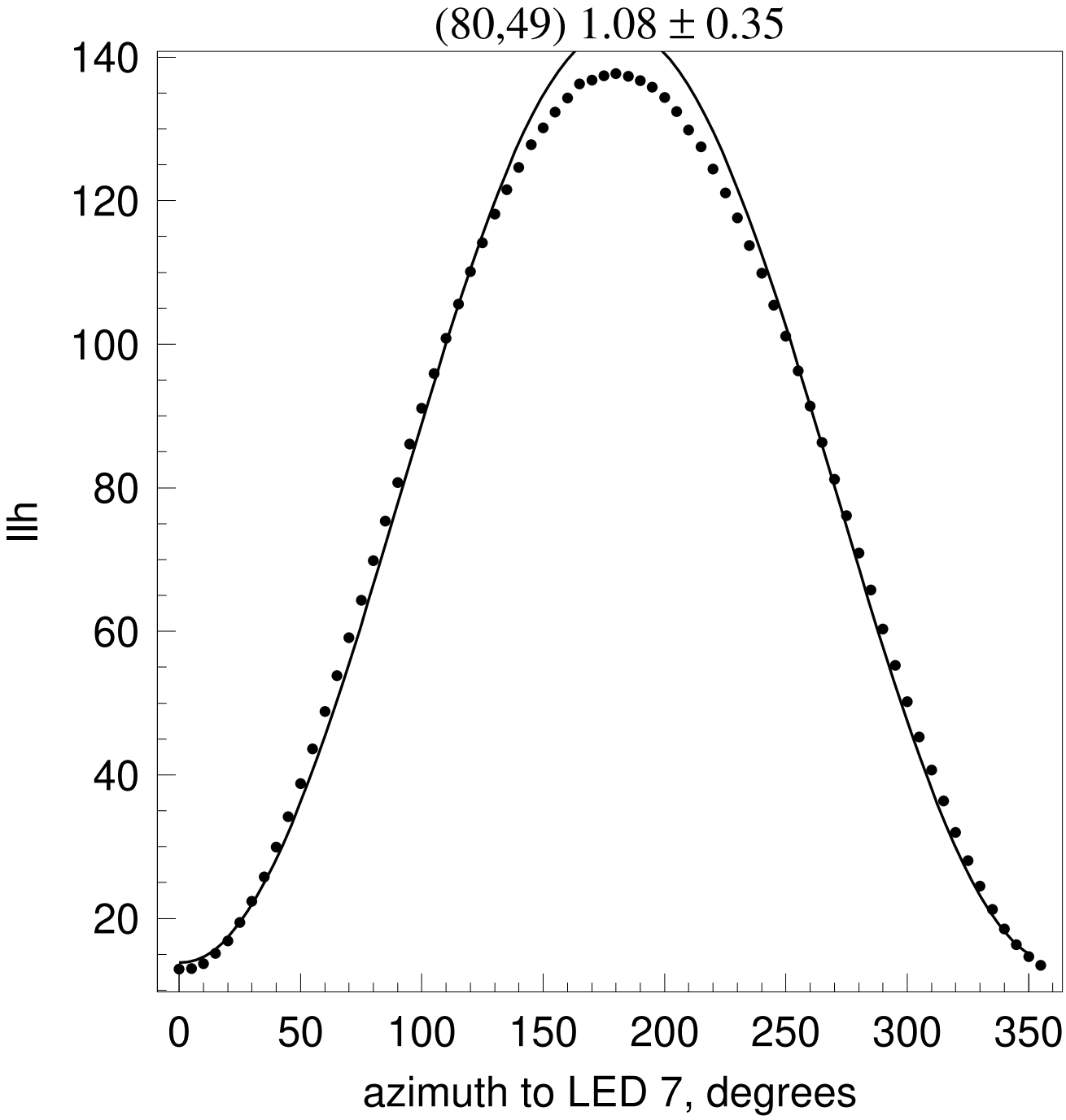

(80,44) 342.01 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

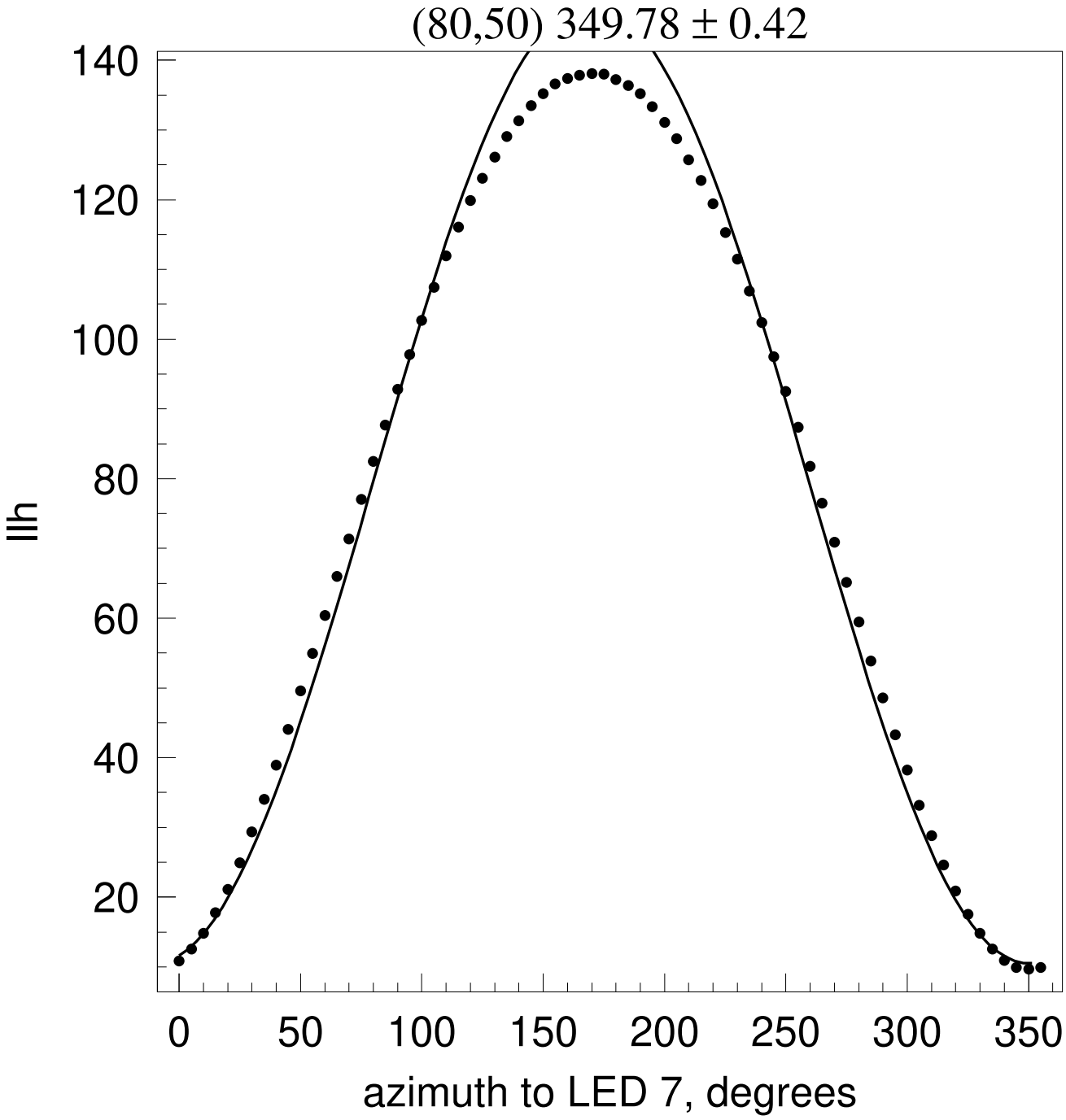

(80,45) 95.05 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

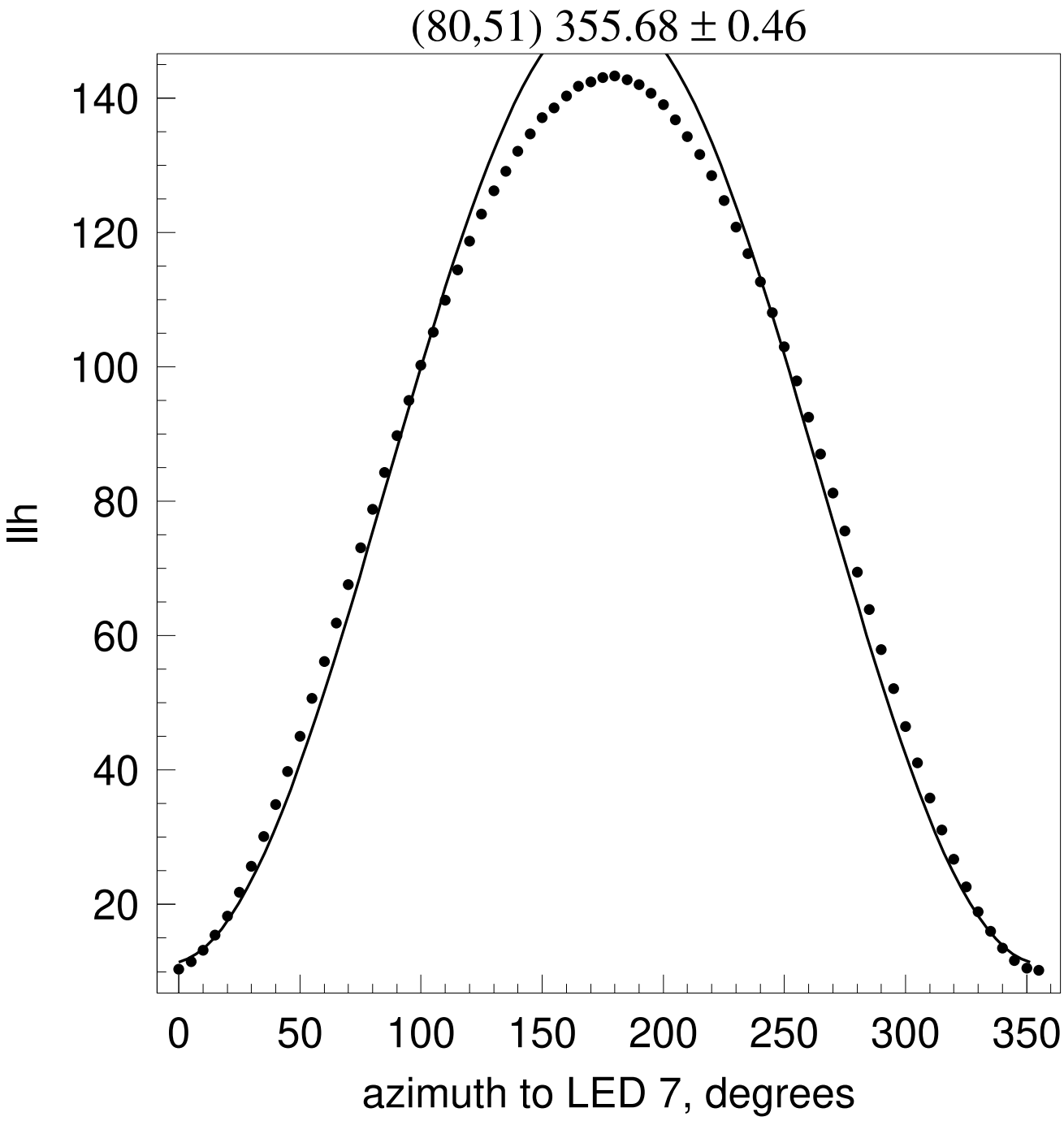

(80,46) 109.99 ± 0.38
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

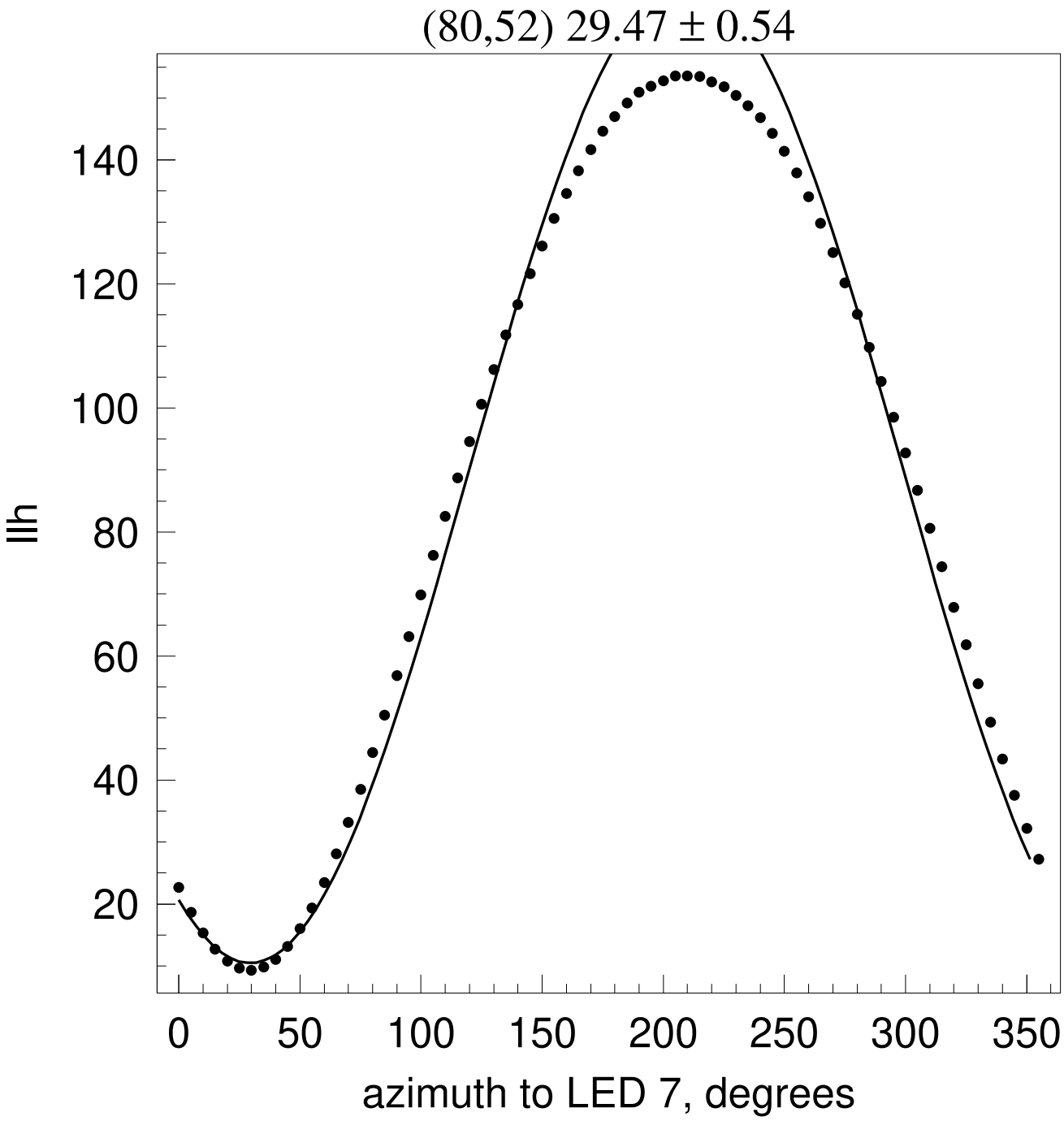

(80,47) 34.87 ± 0.26
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

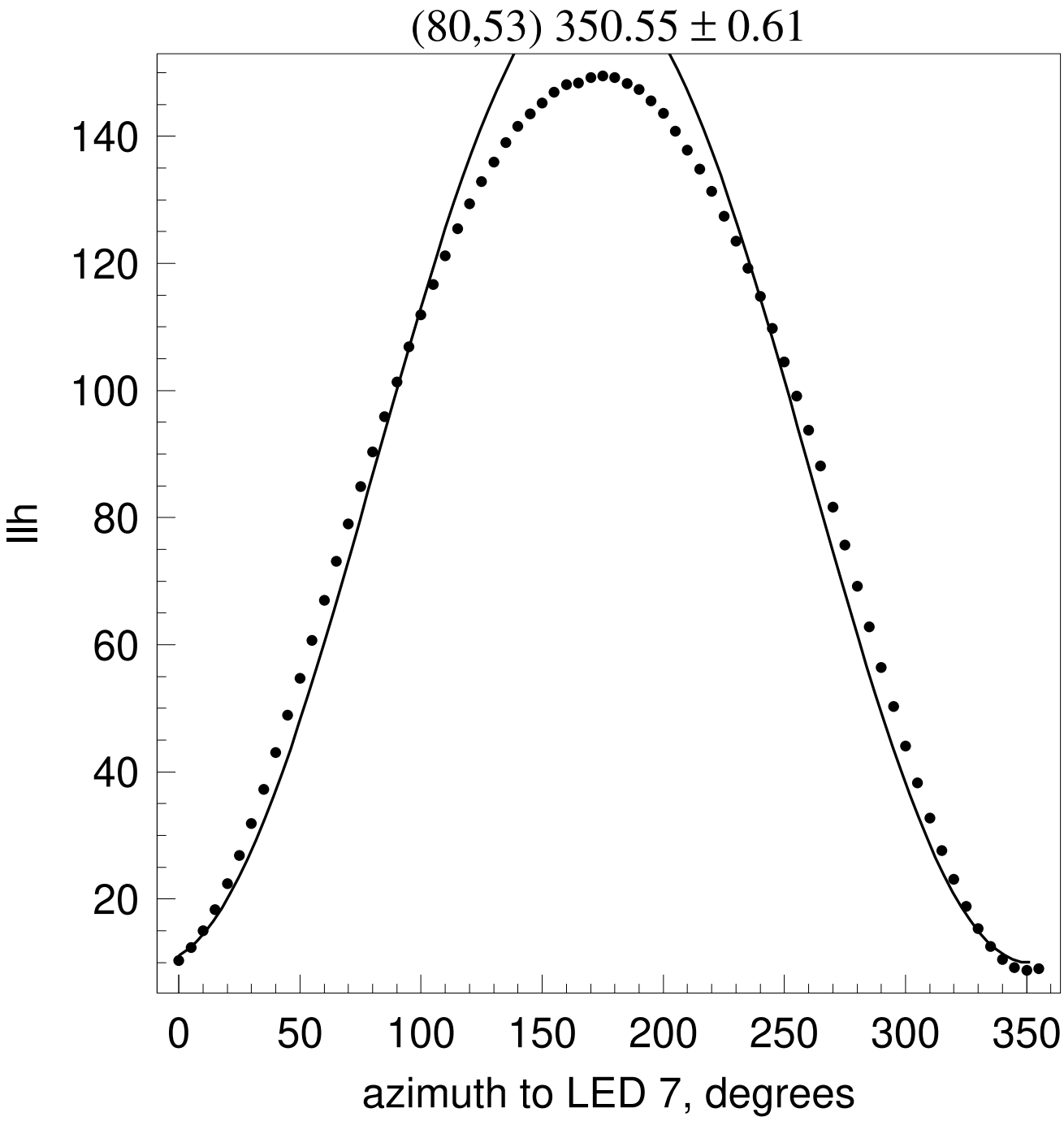

(80,48) 316.06 ± 0.27
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

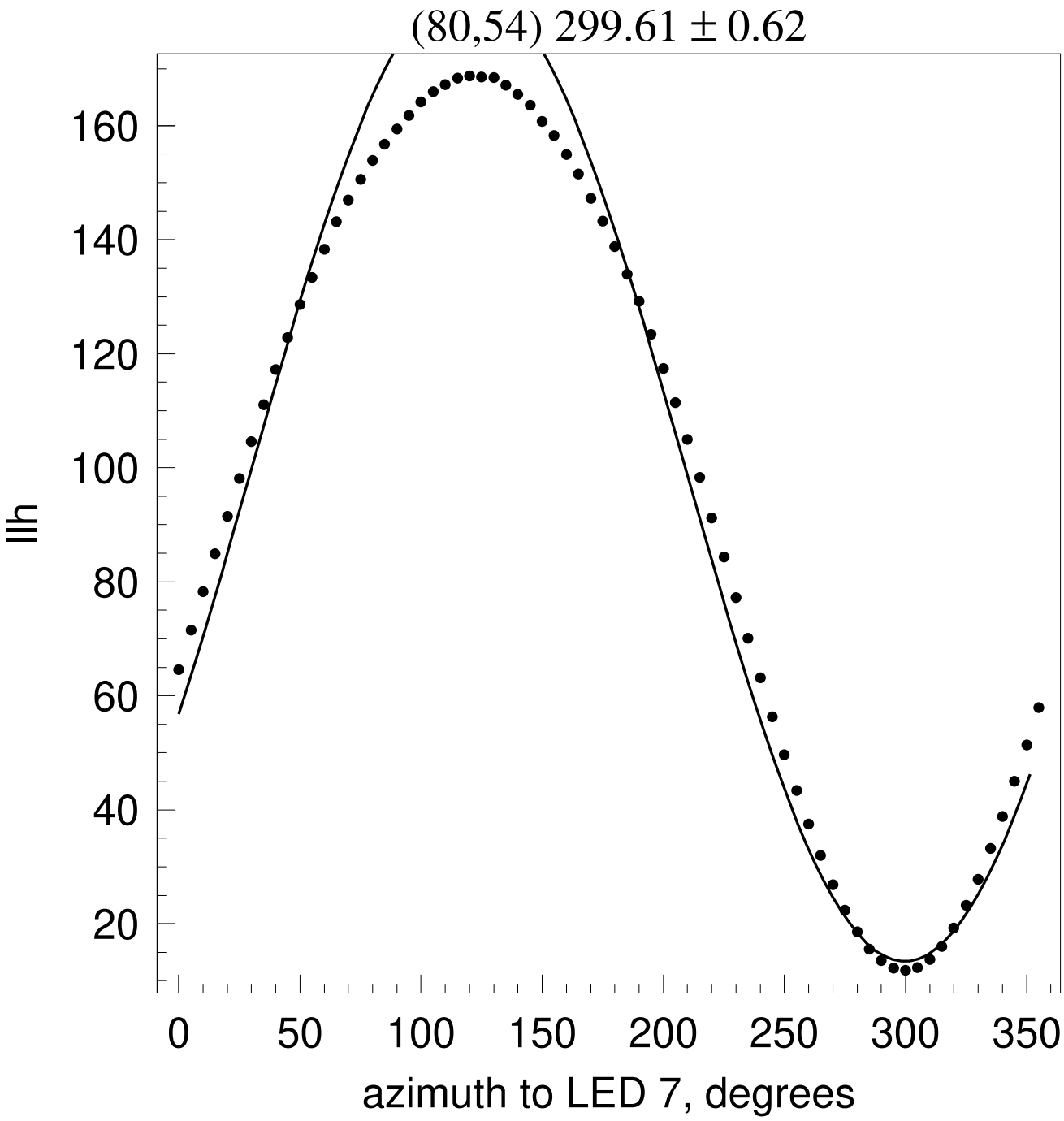

(80,49) 1.08 ± 0.35
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

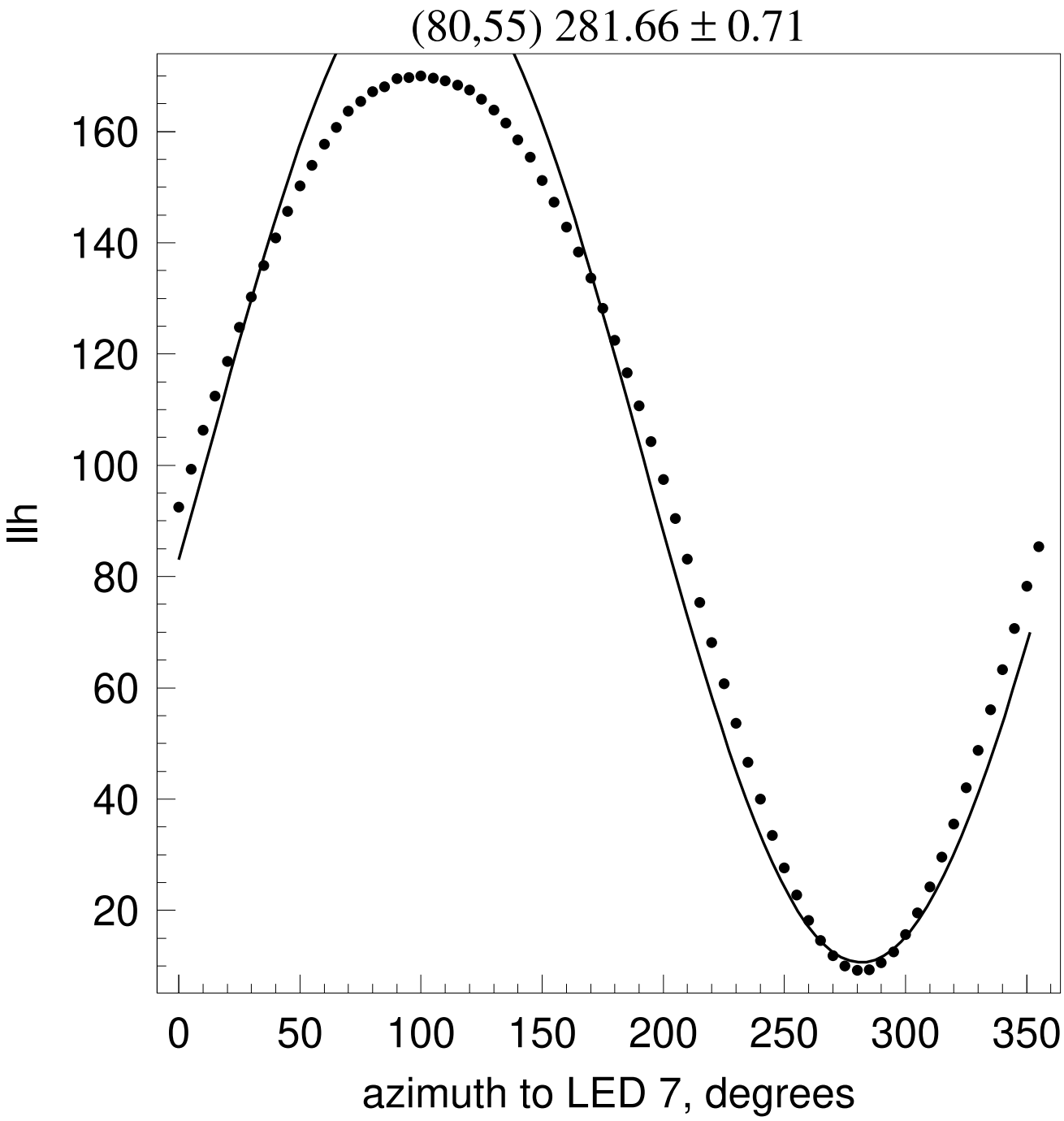

(80,50) 349.78 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

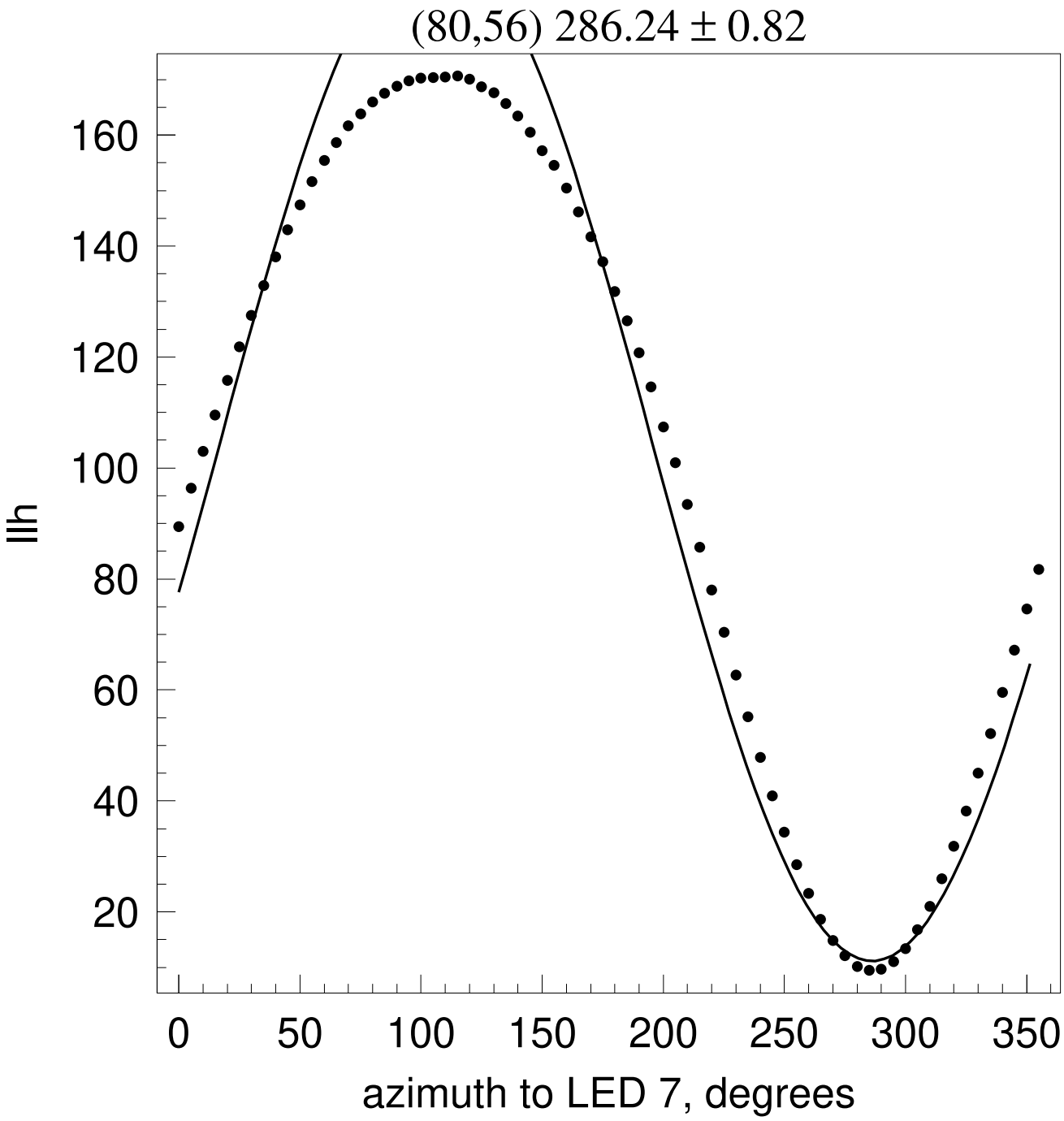

(80,51) 355.68 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

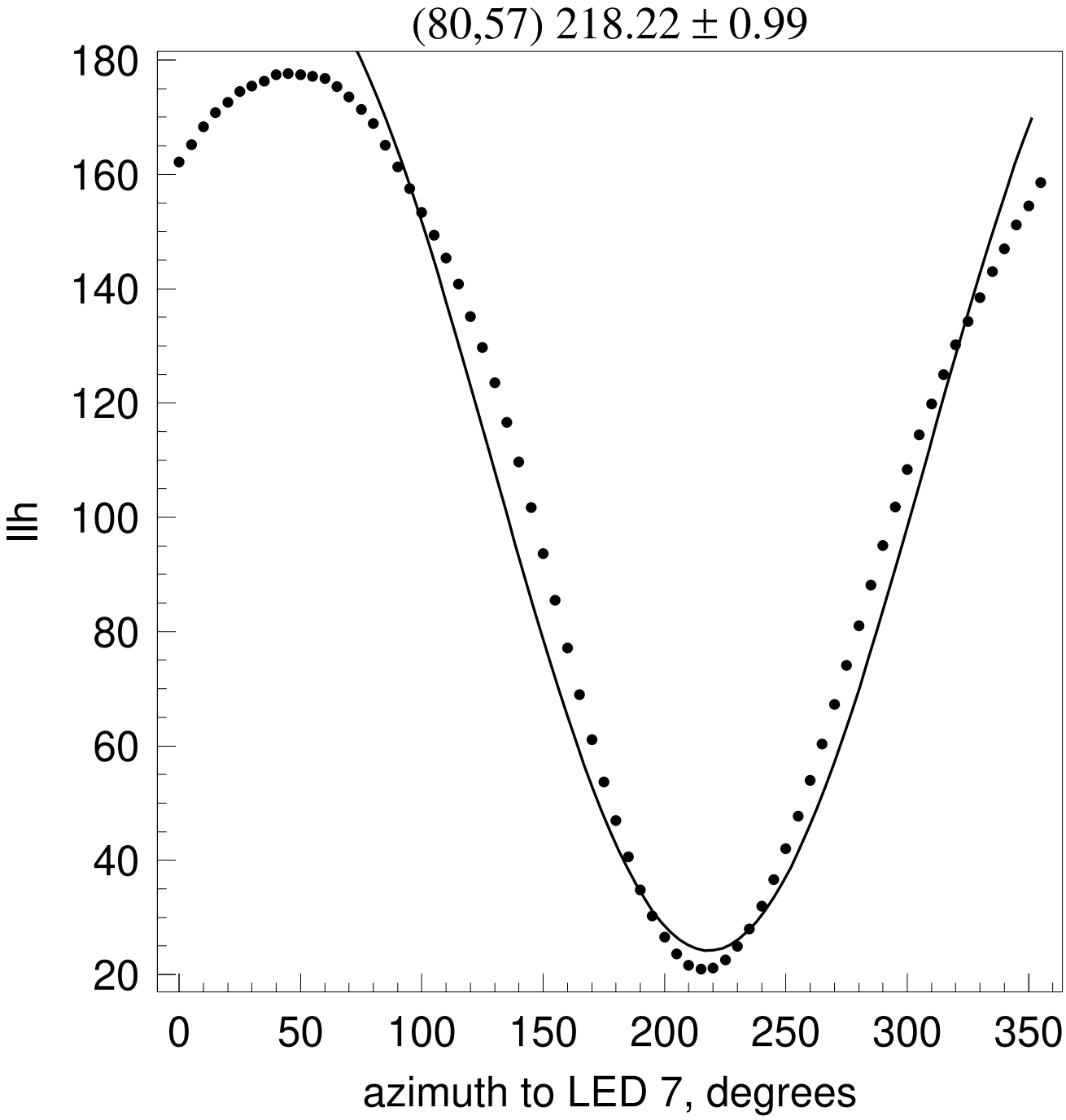

(80,52) 29.47 ± 0.54
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

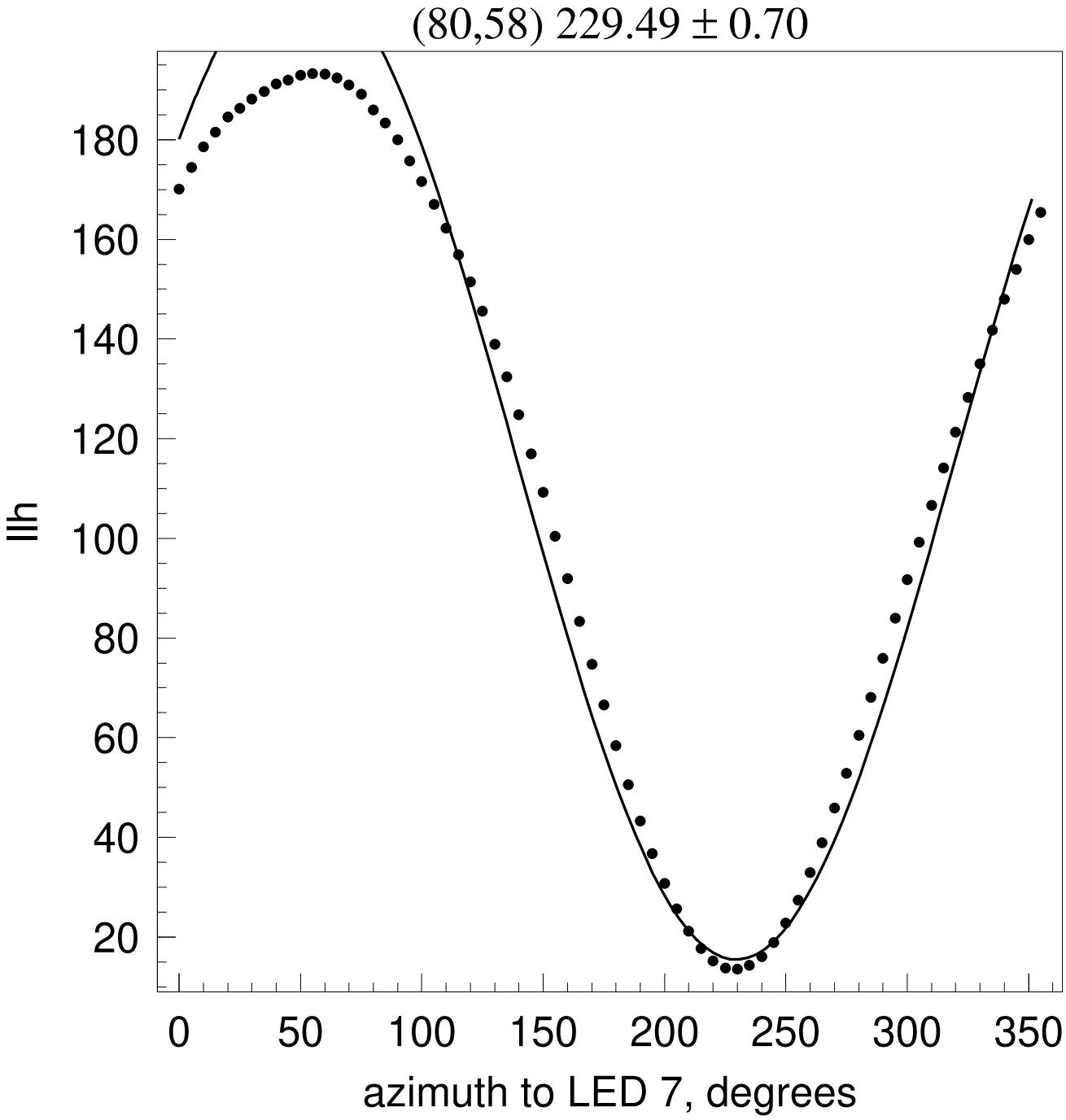

(80,53) 350.55 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

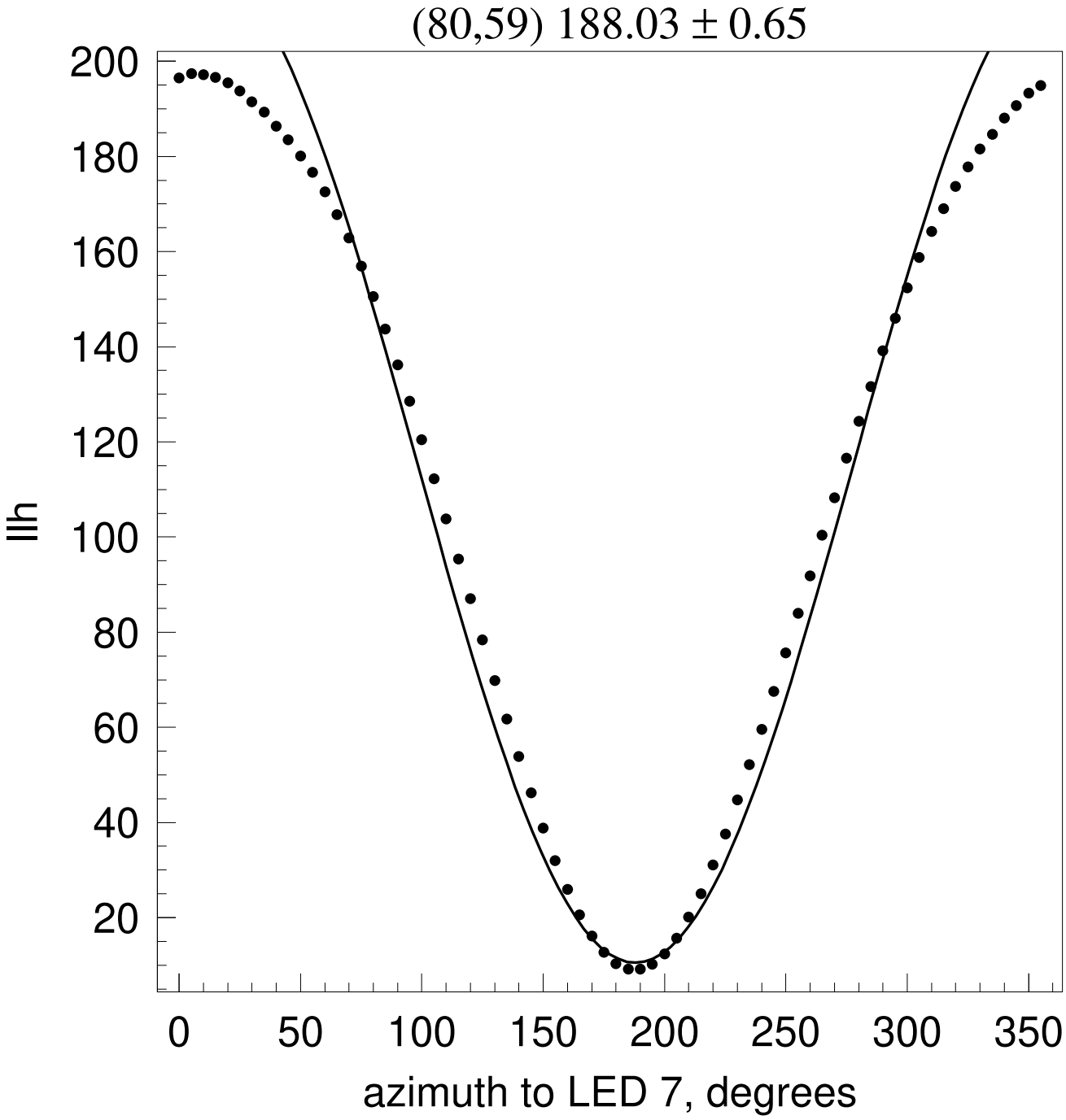

(80,54) 299.61 ± 0.62
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

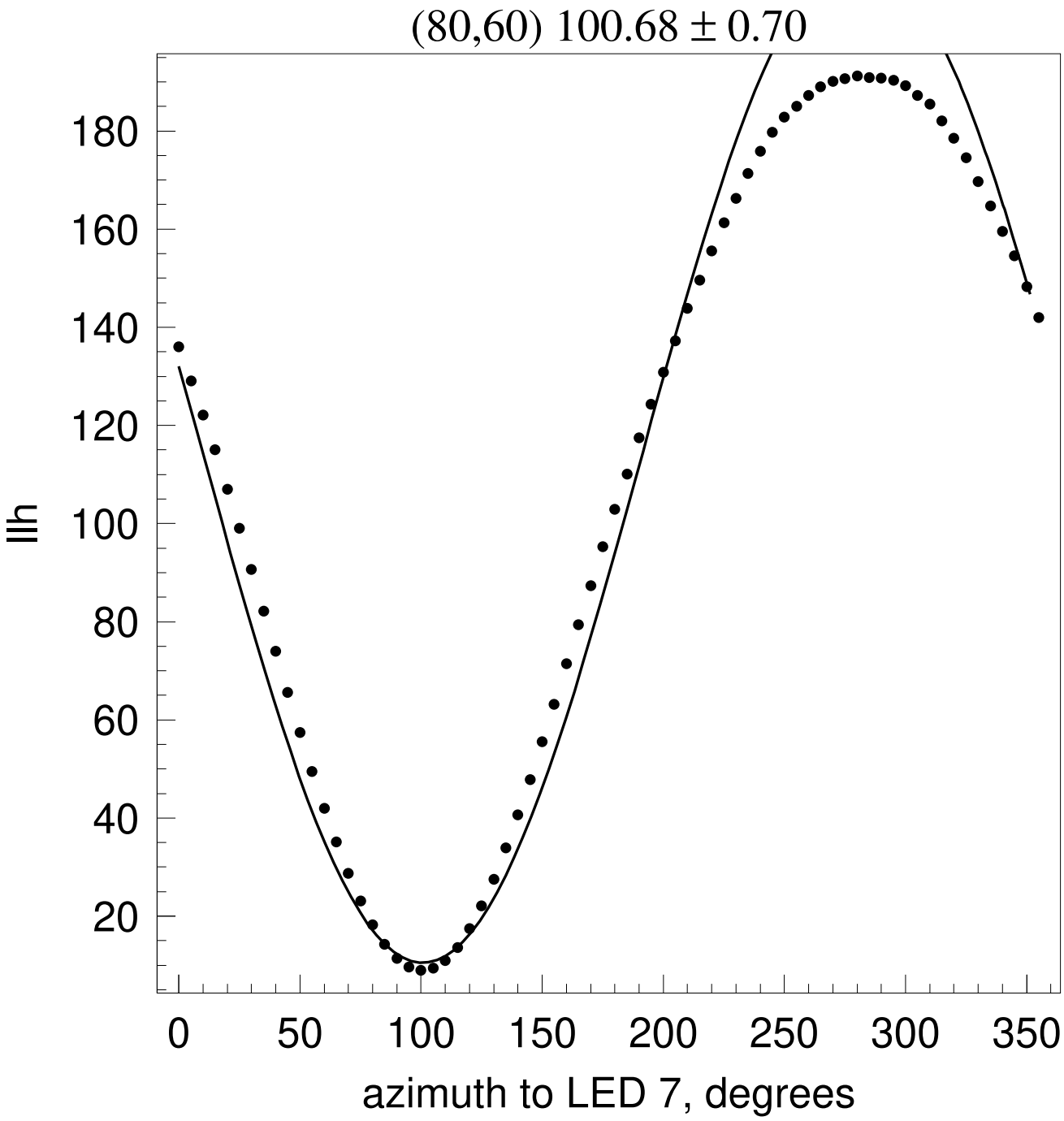

(80,55) 281.66 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

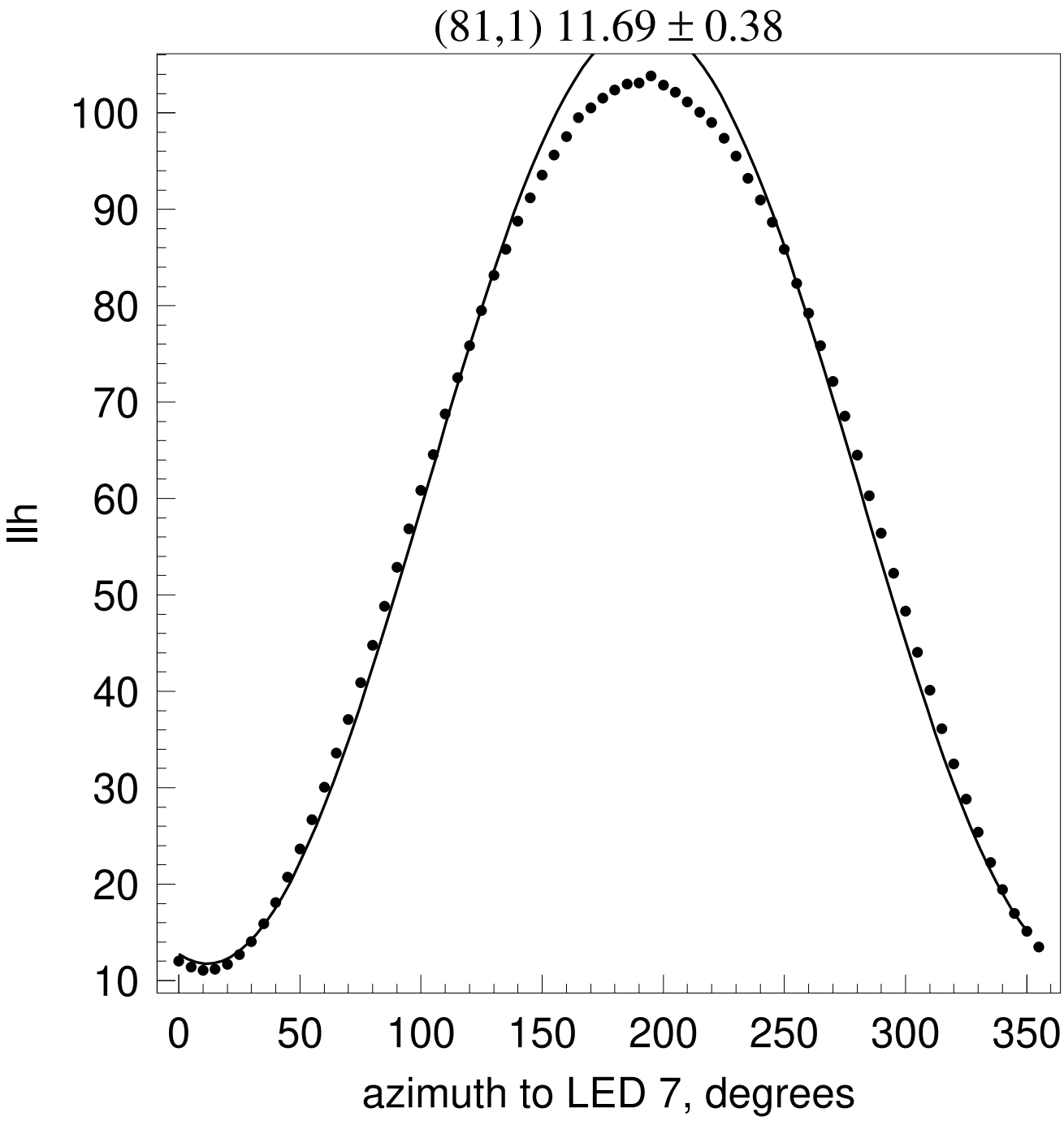

(80,56) 286.24 ± 0.82
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

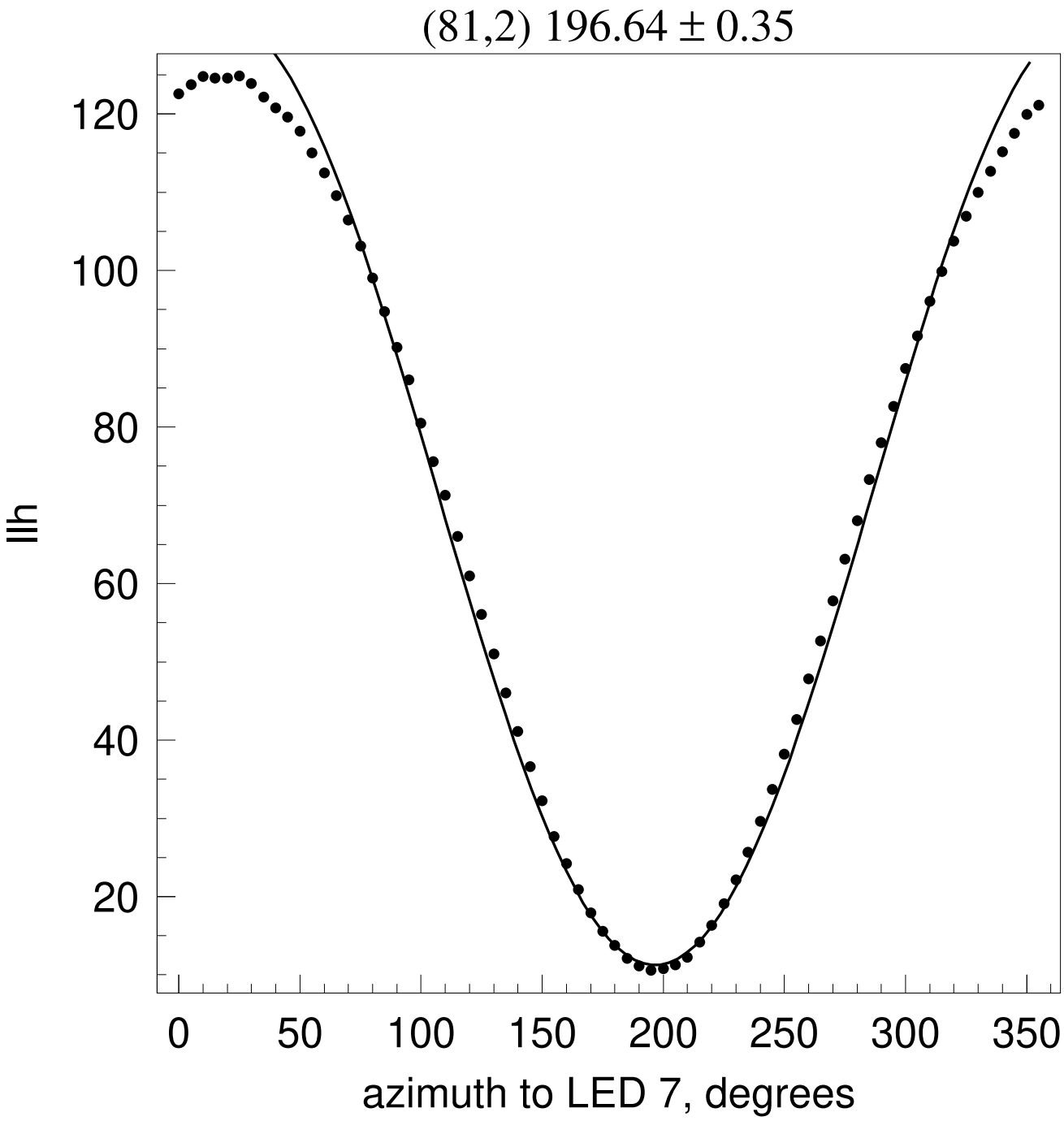

(80,57) 218.22 ± 0.99
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

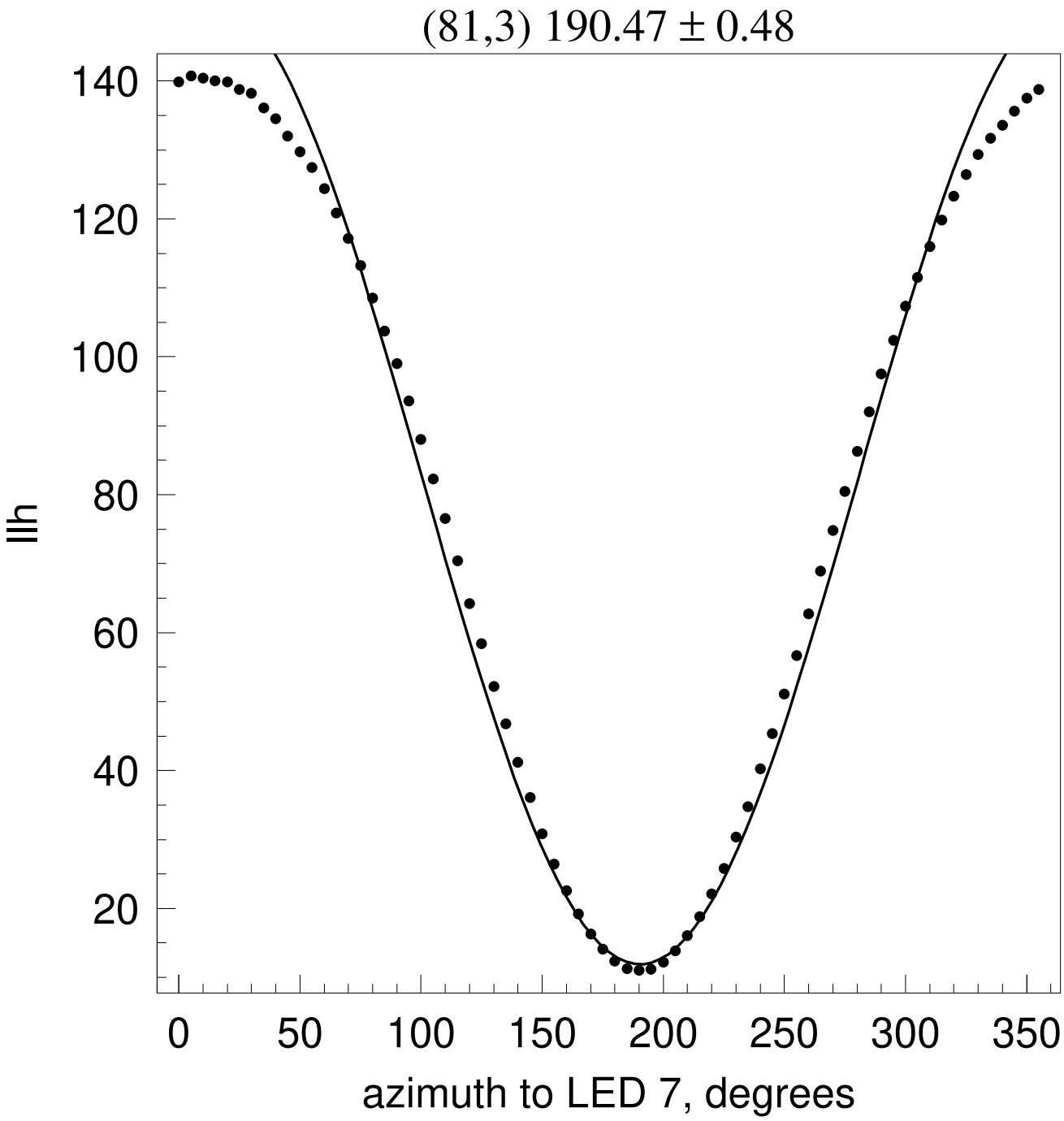

(80,58) 229.49 ± 0.70
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

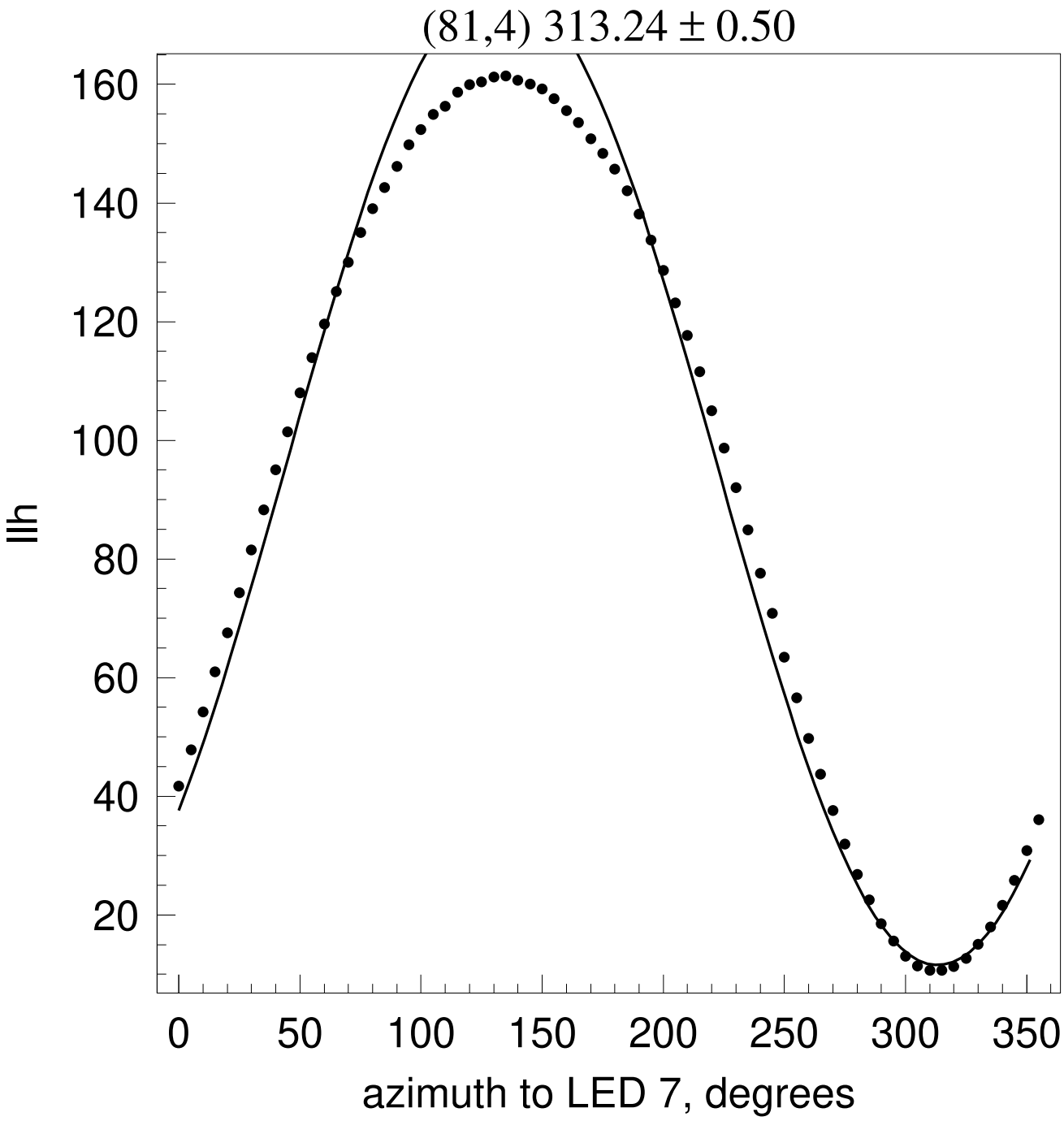

(80,59) 188.03 ± 0.65
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

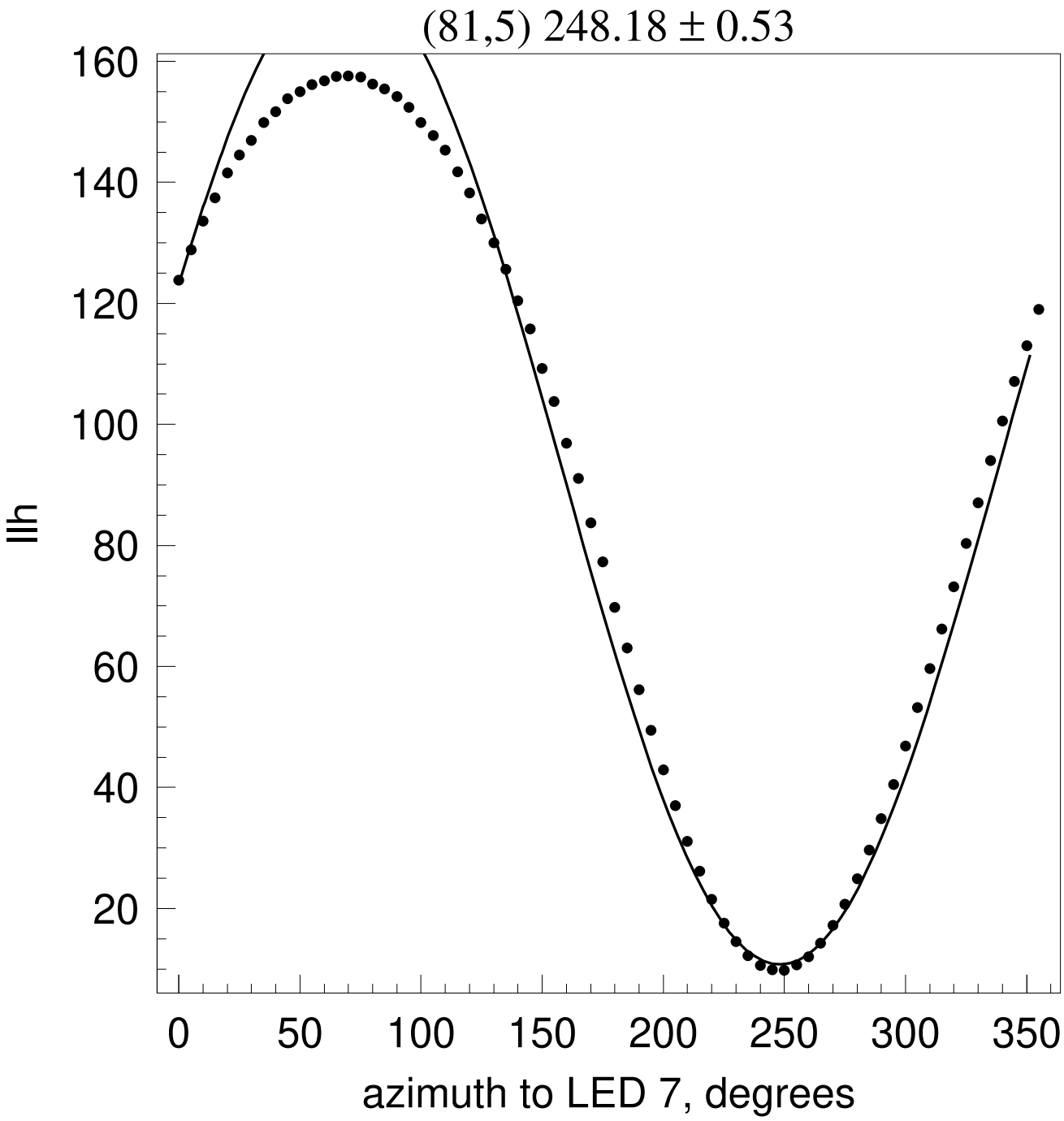

(80,60) 100.68 ± 0.70
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

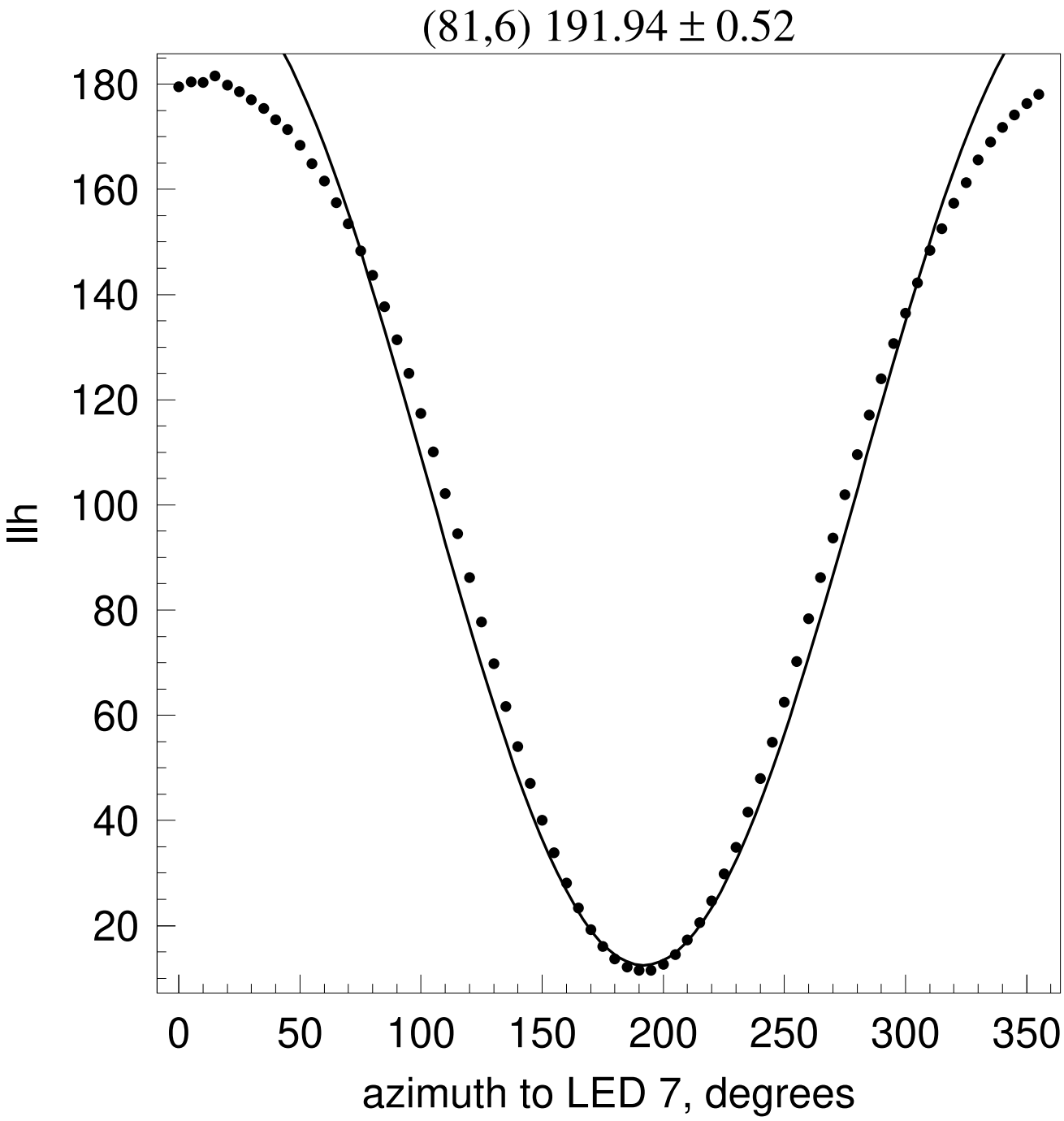

(81,1) 11.69 ± 0.38
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

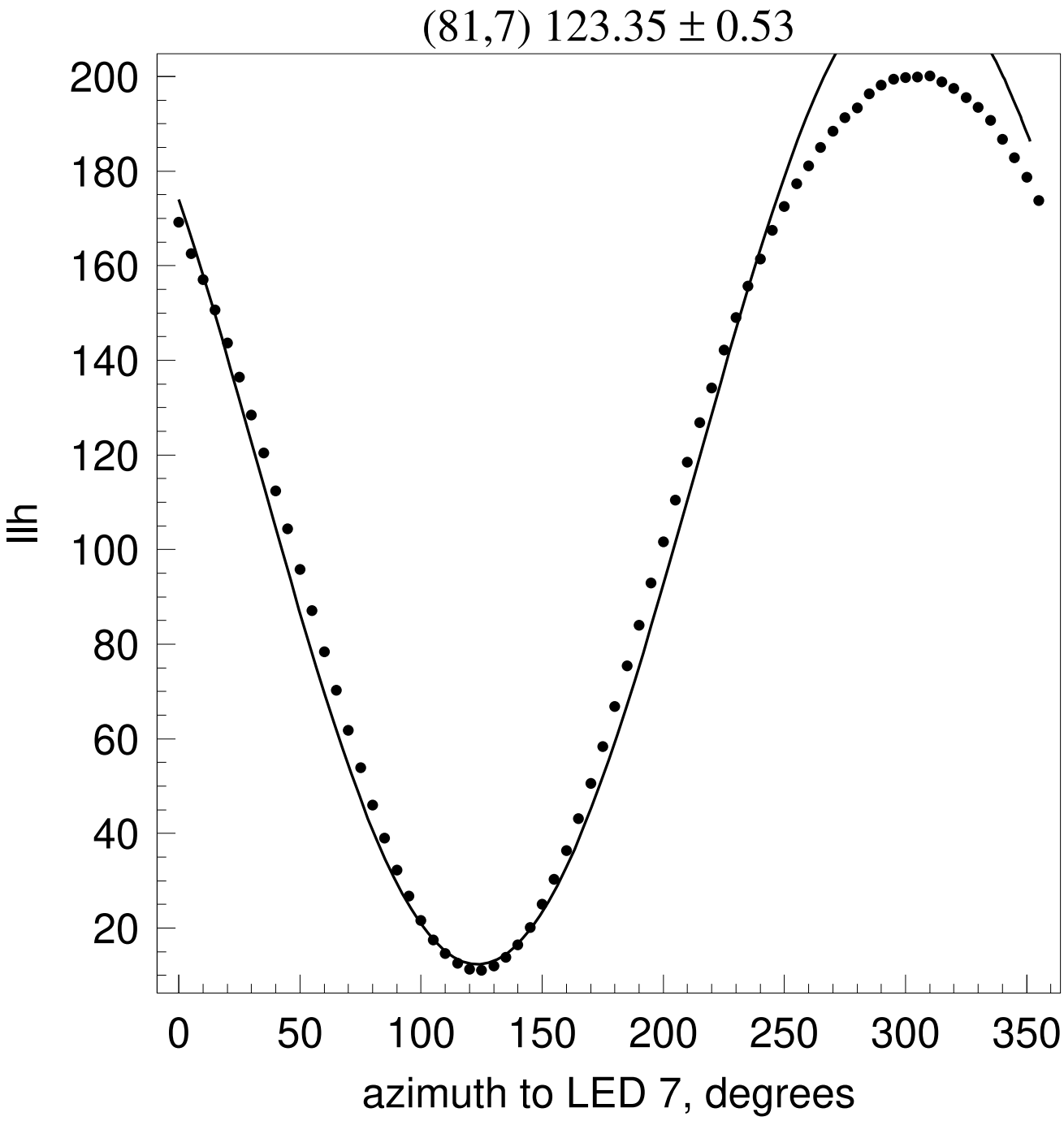

(81,2) 196.64 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

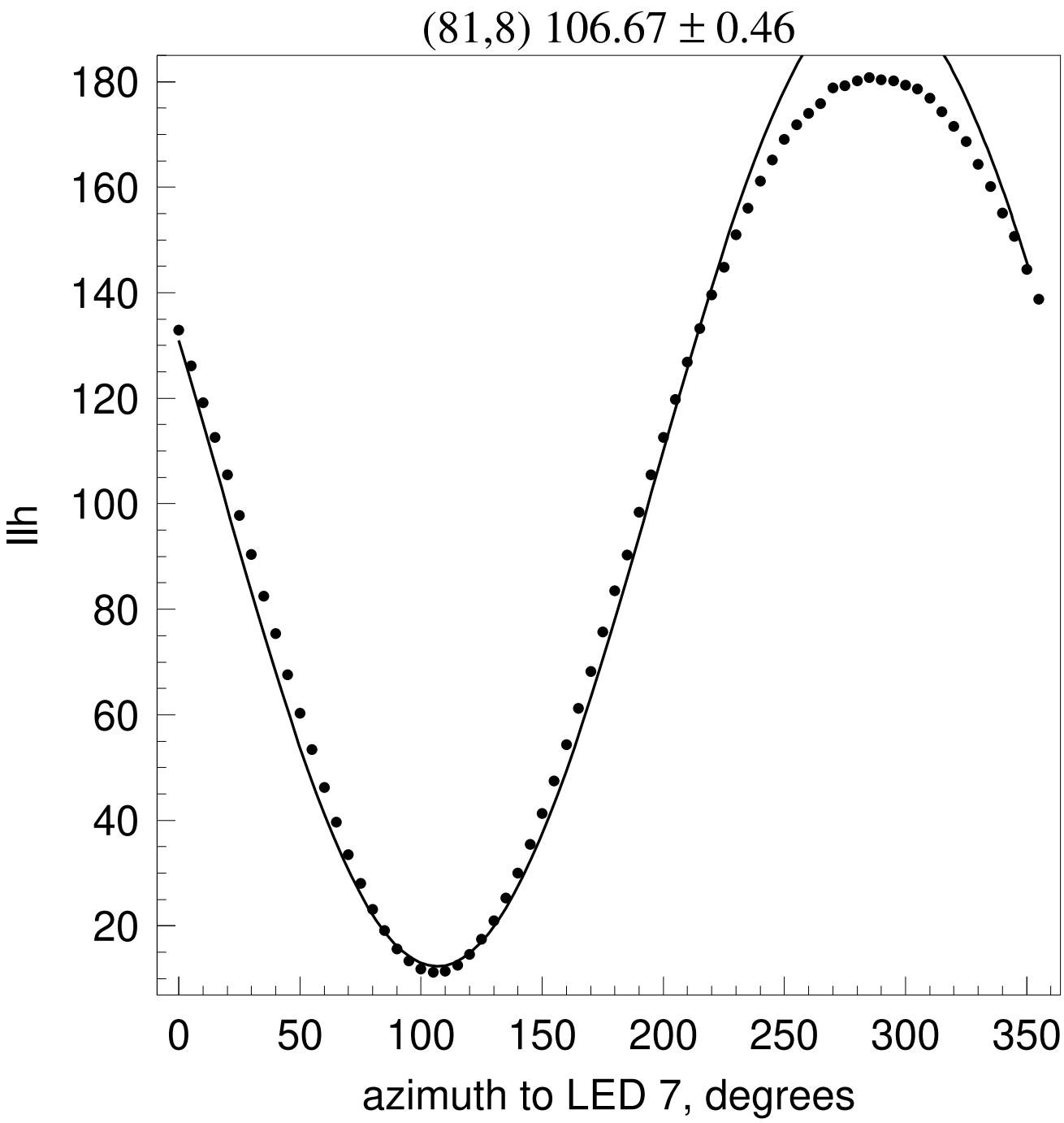

(81,3) 190.47 ± 0.48
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

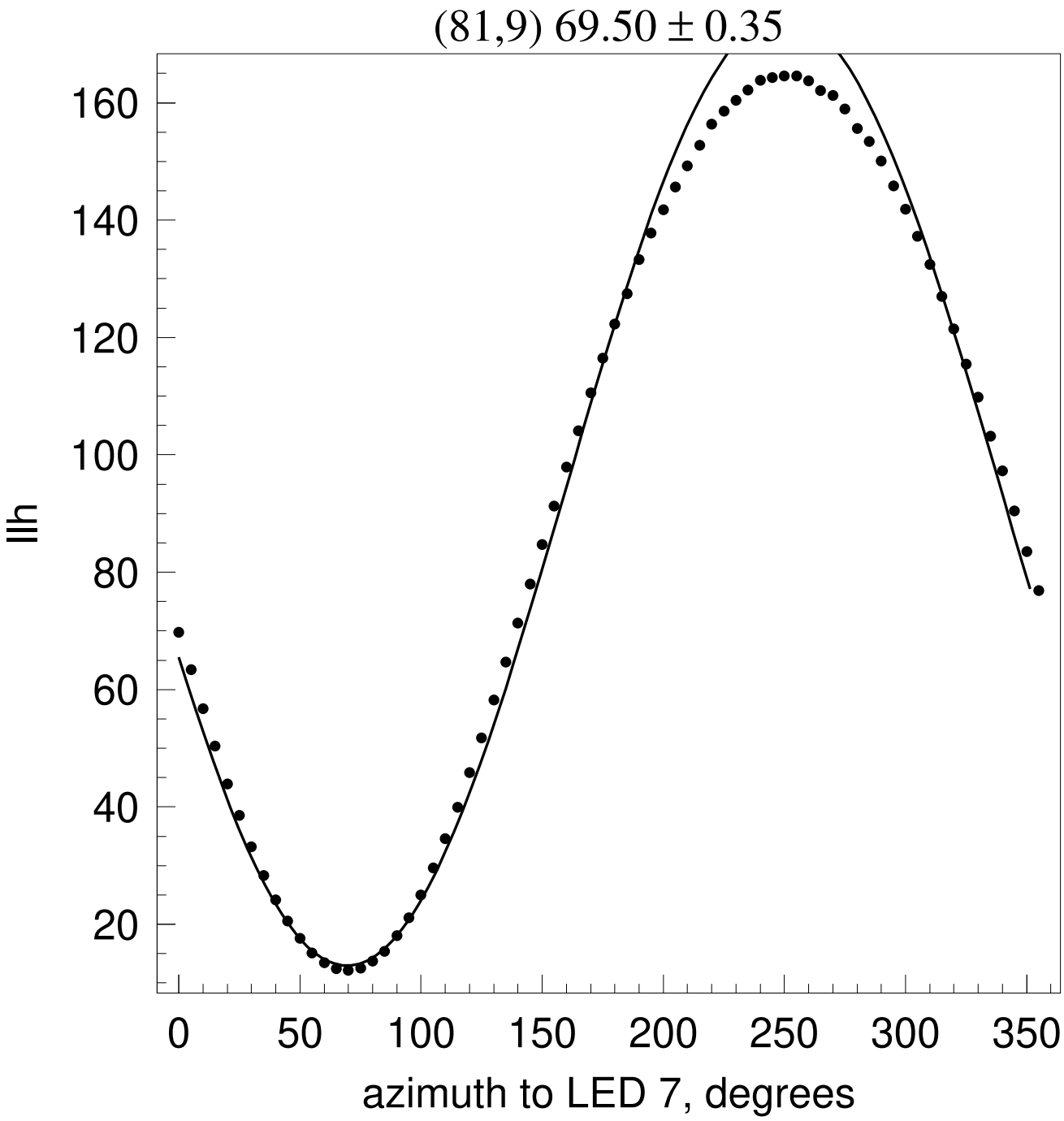

(81,4) 313.24 ± 0.50
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

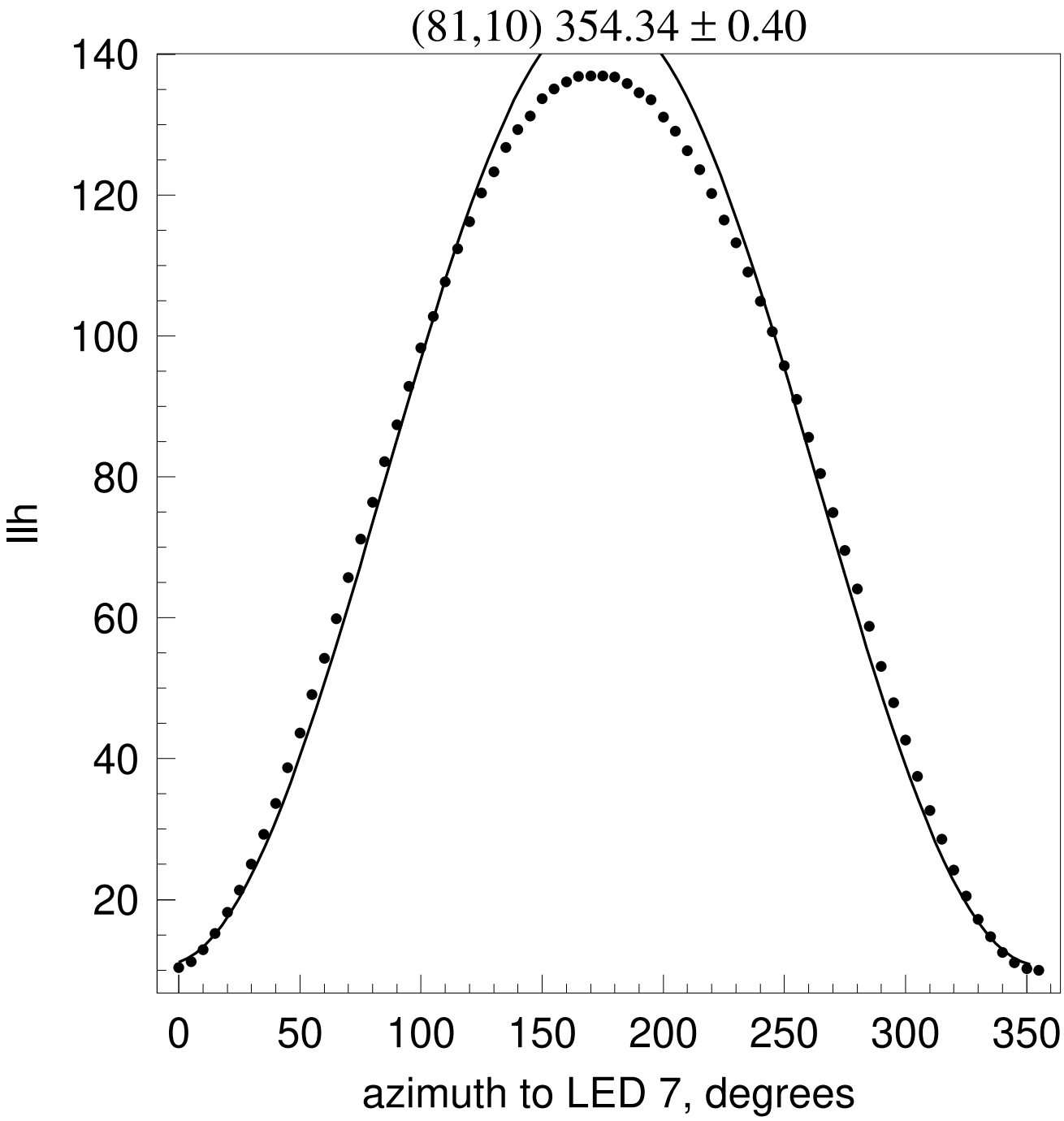

(81,5) 248.18 ± 0.53
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

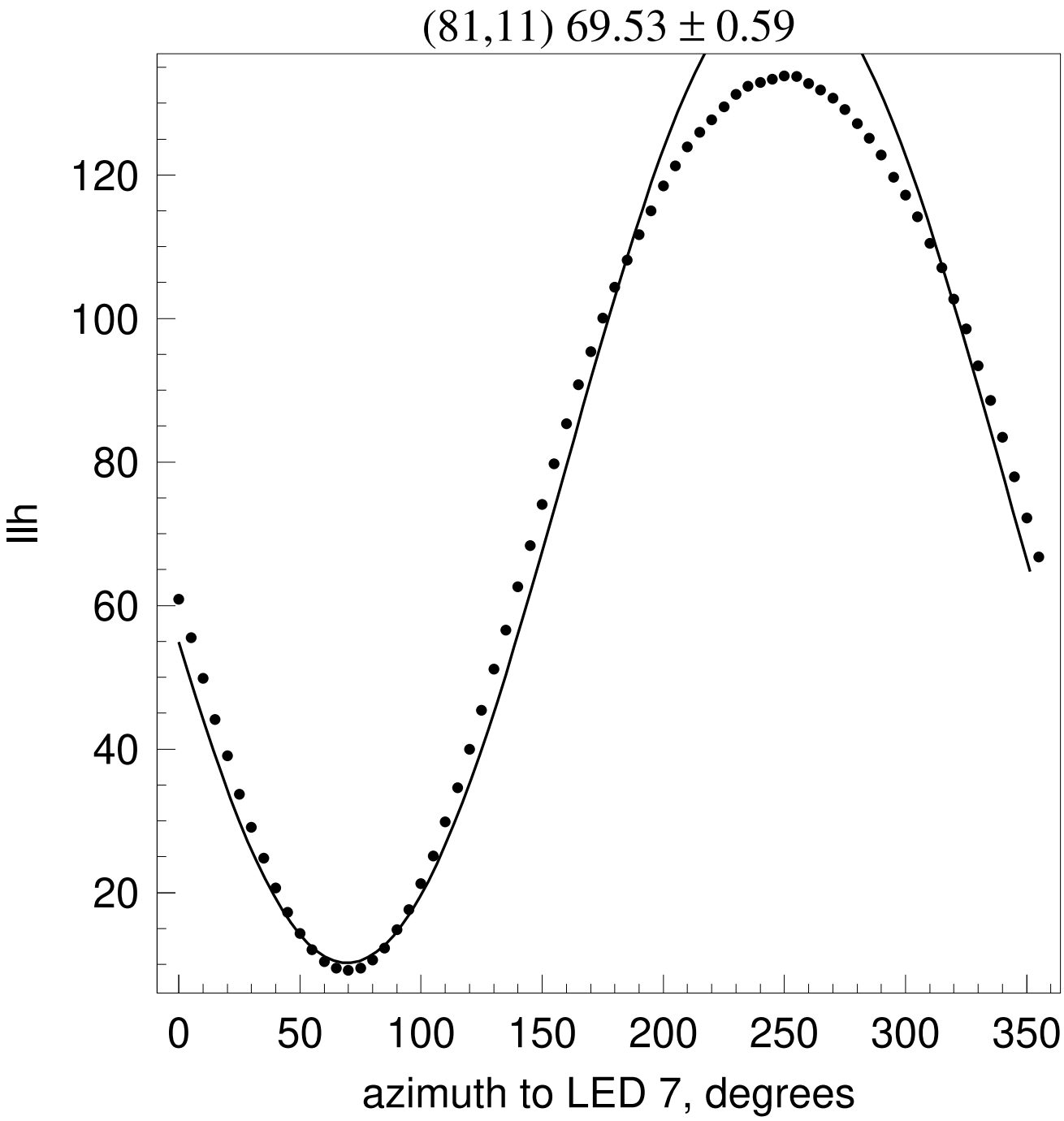

(81,6) 191.94 ± 0.52
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

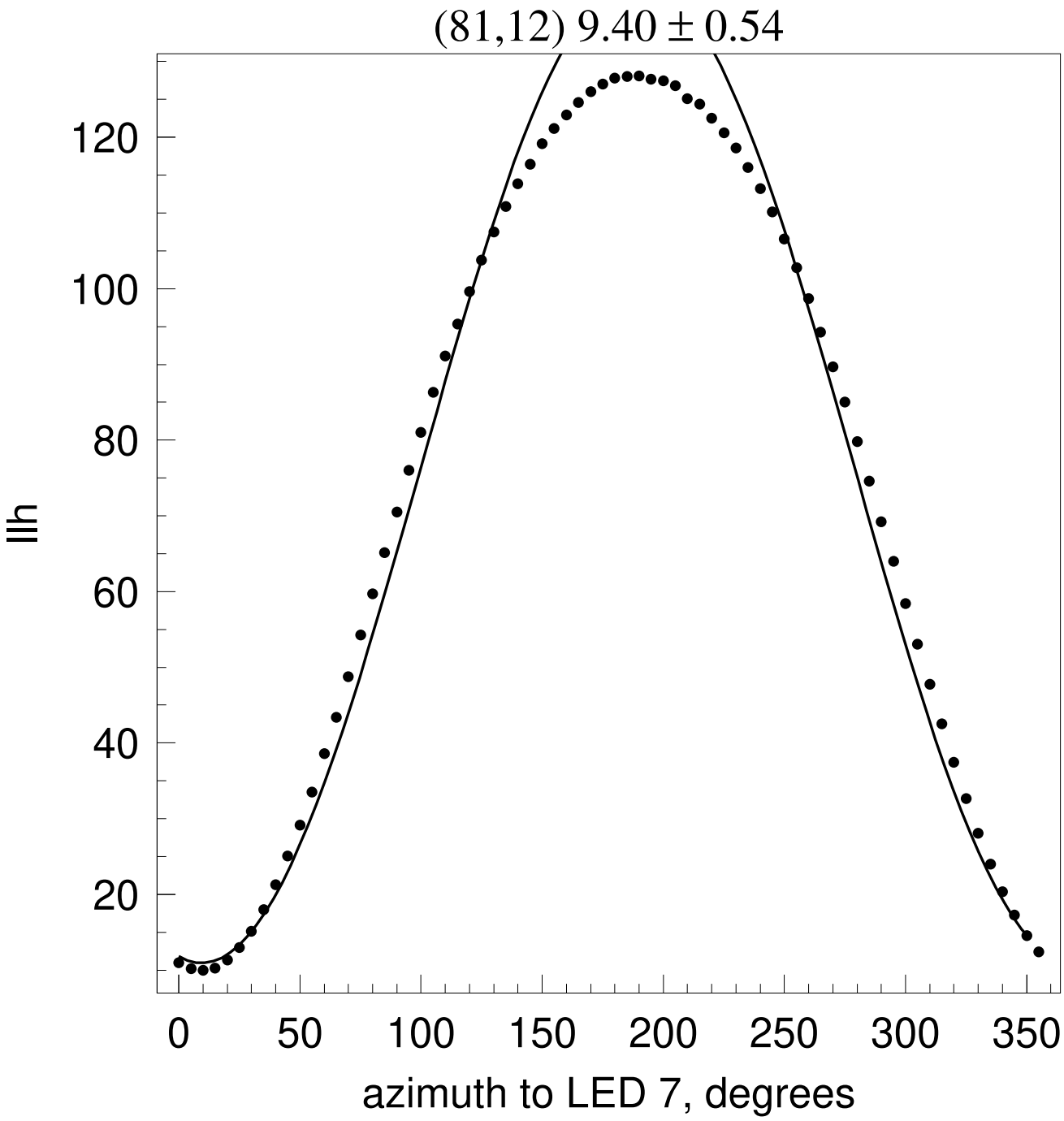

(81,7) 123.35 ± 0.53
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

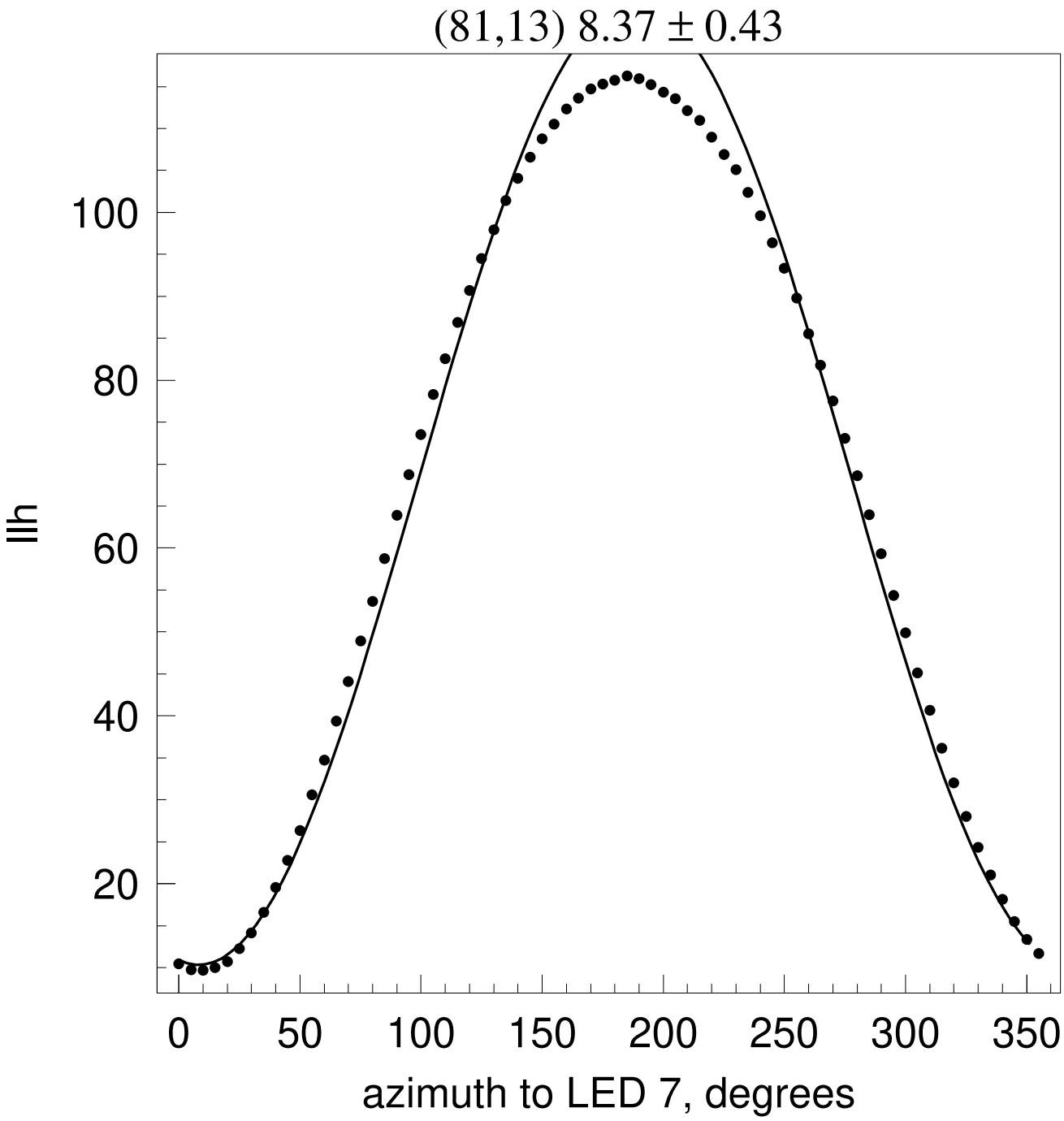

(81,8) 106.67 ± 0.46
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

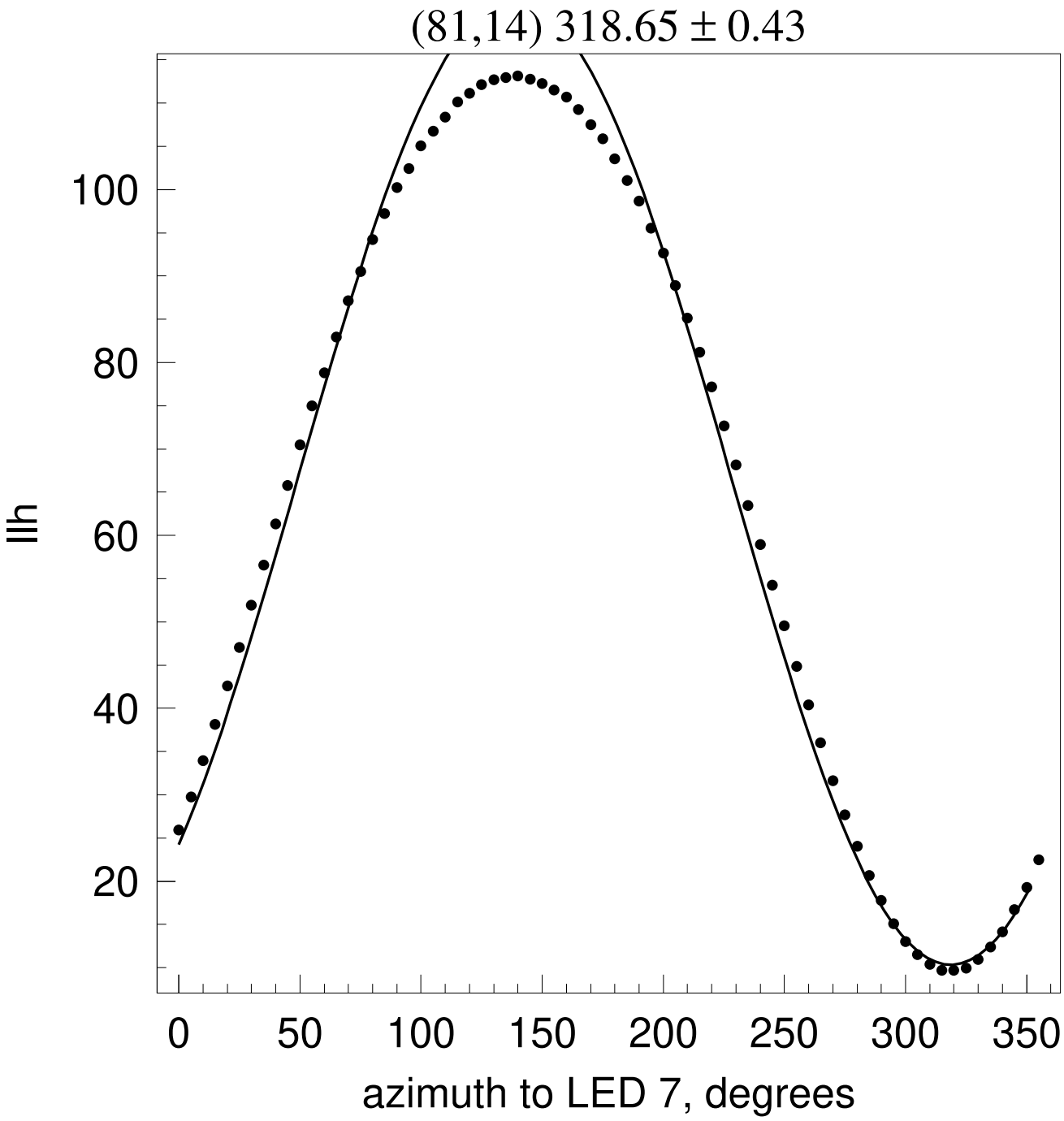

(81,9) 69.50 ± 0.35
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

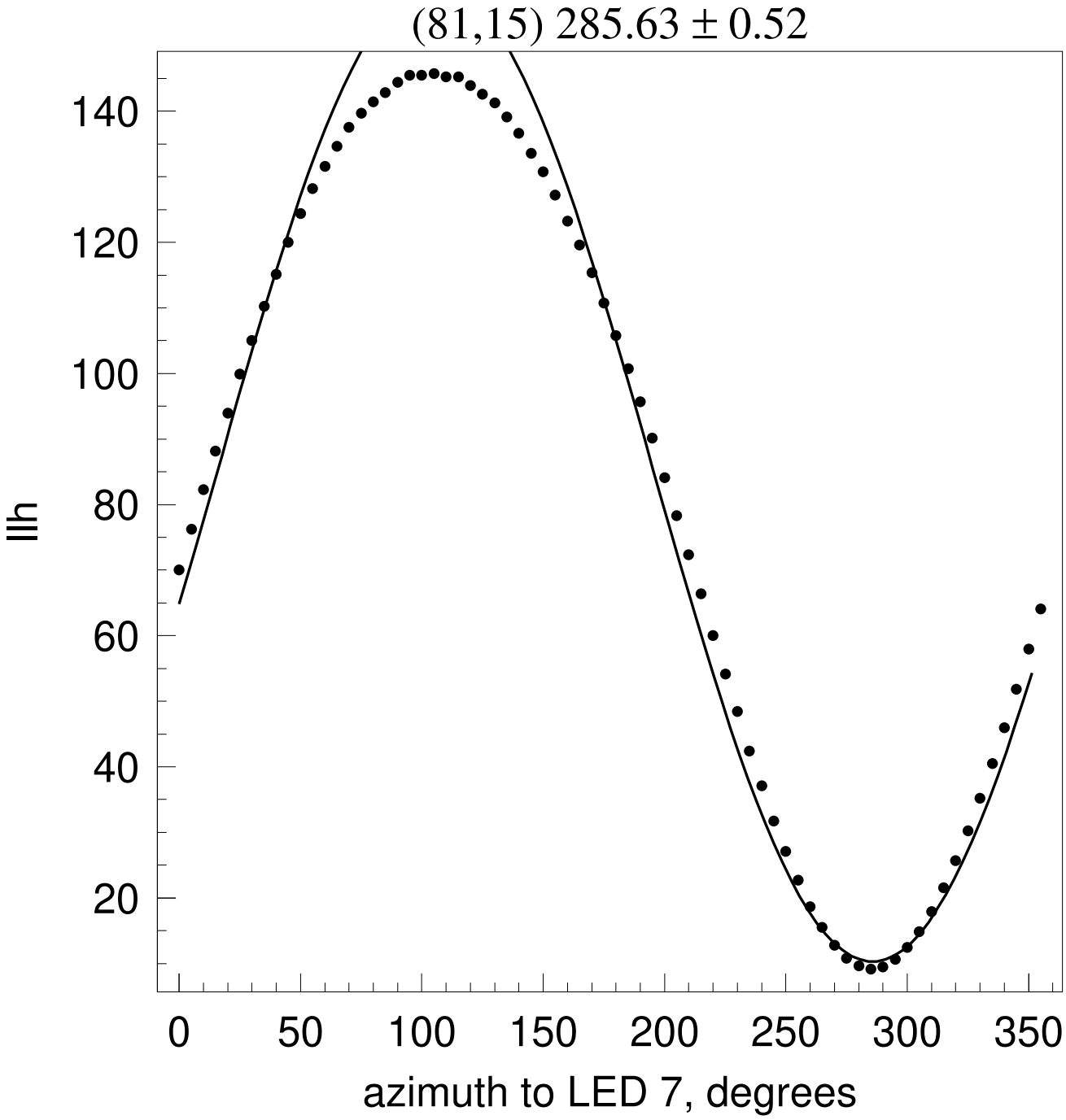

(81,10) 354.34 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

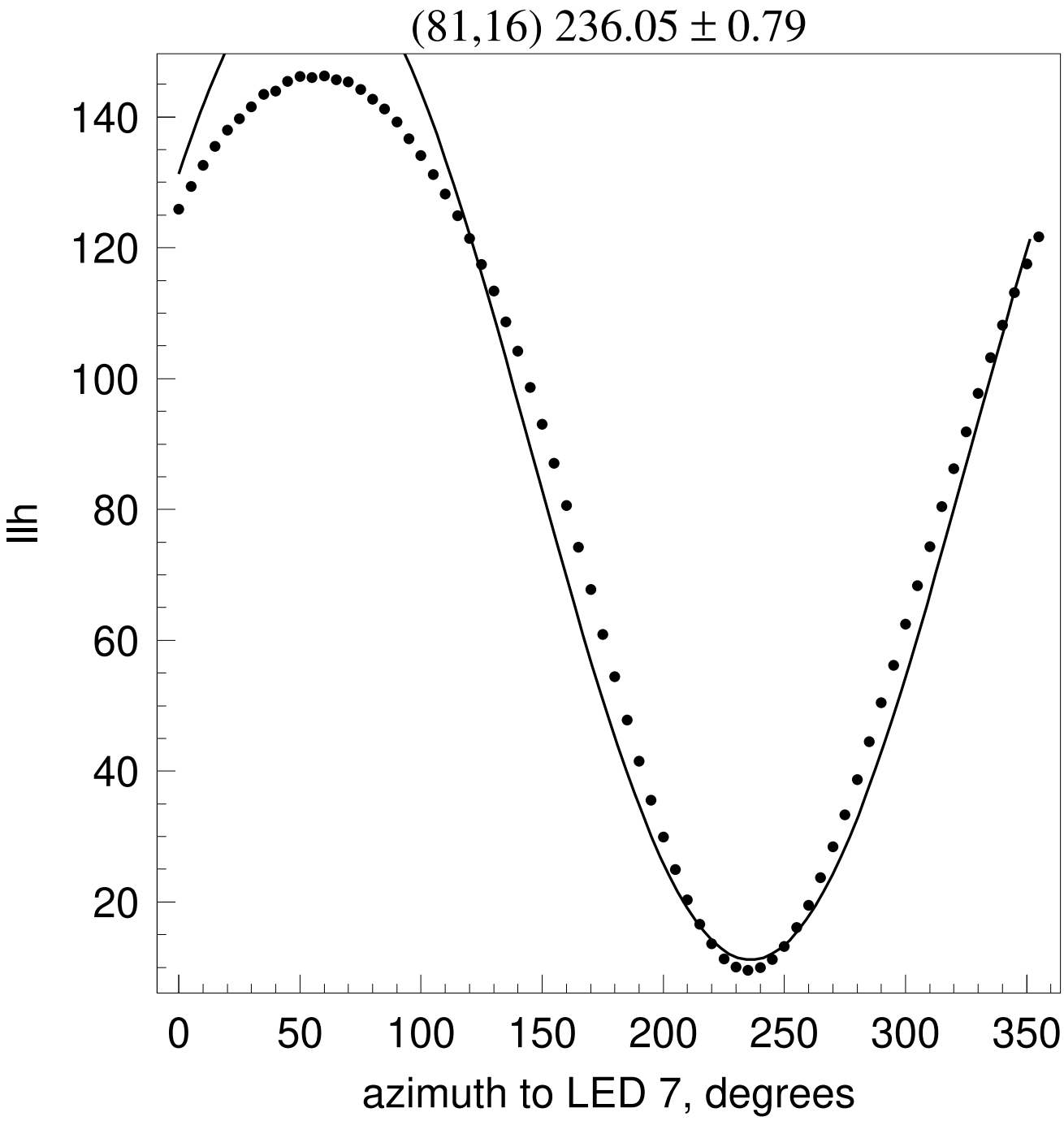

(81,11) 69.53 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

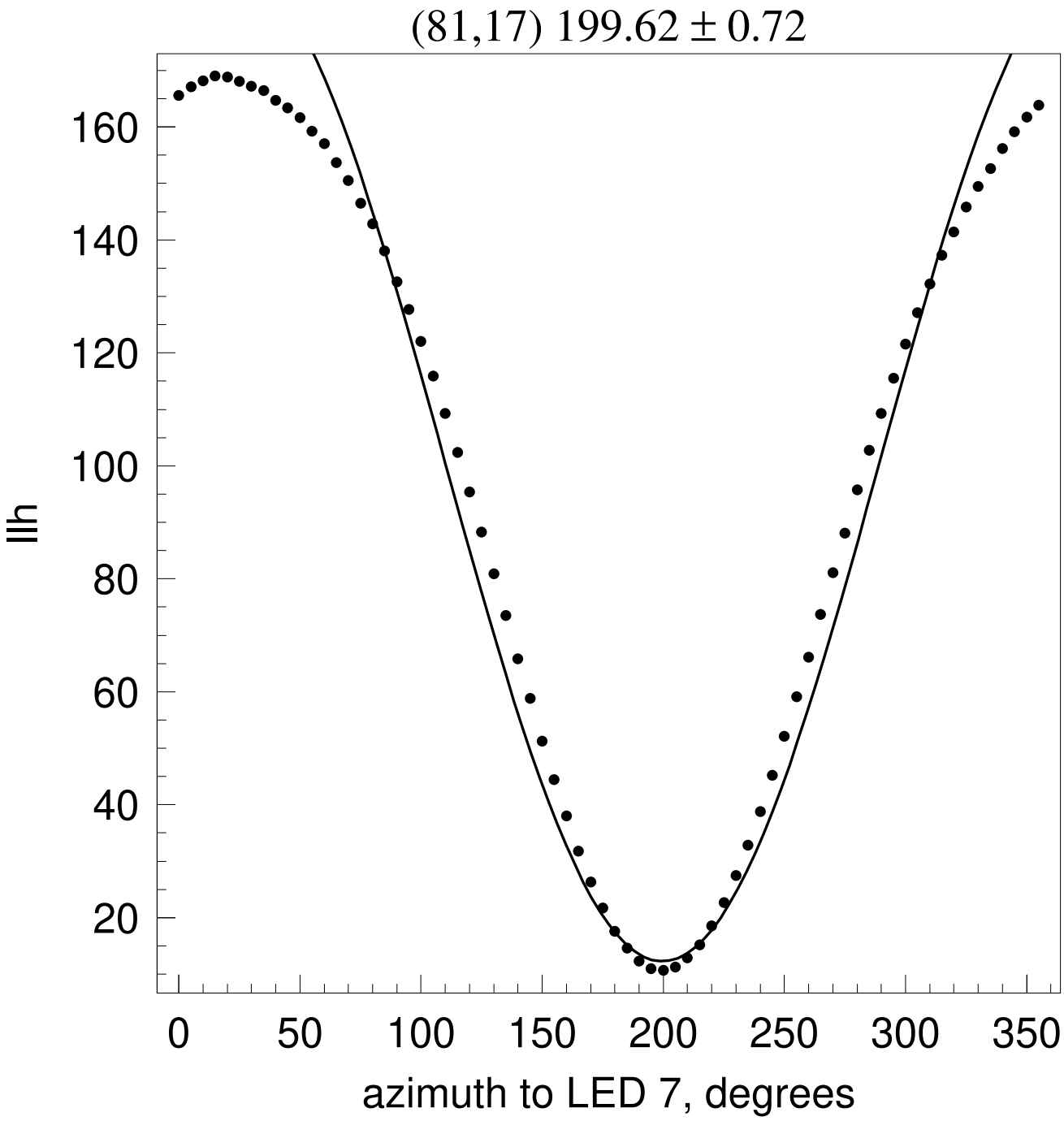

(81,12) 9.40 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

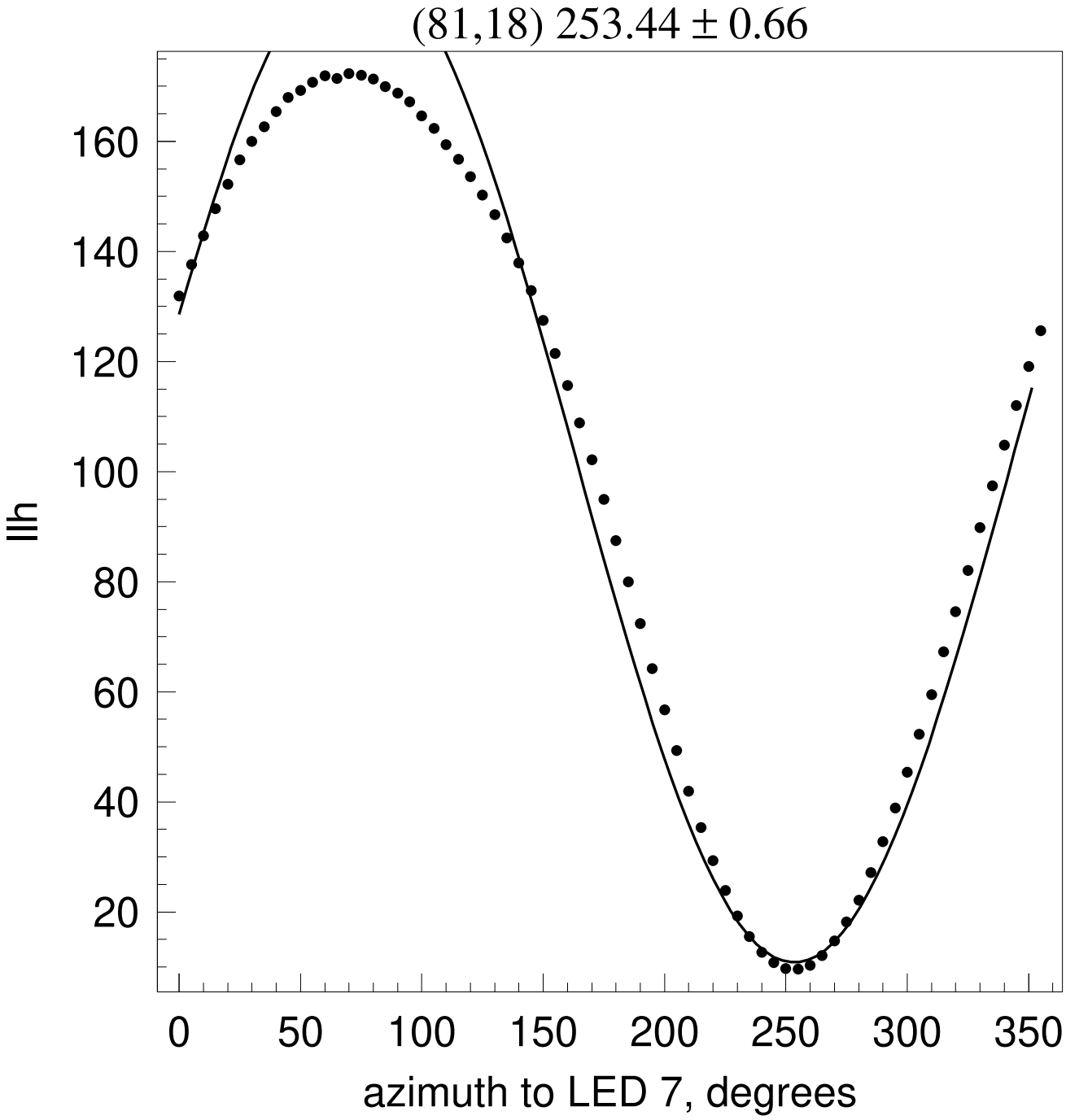

(81,13) 8.37 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

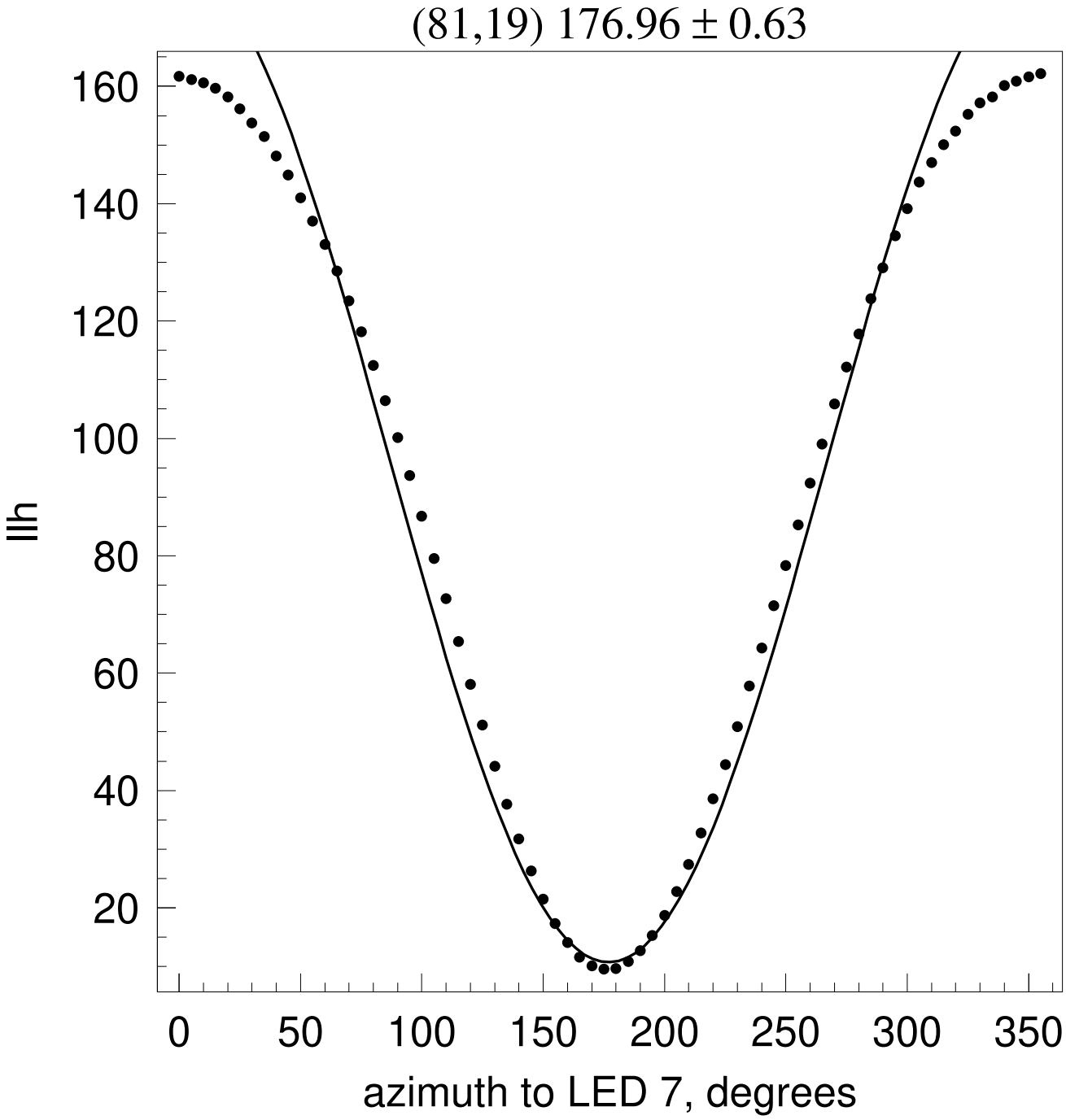

(81,14) 318.65 ± 0.43
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

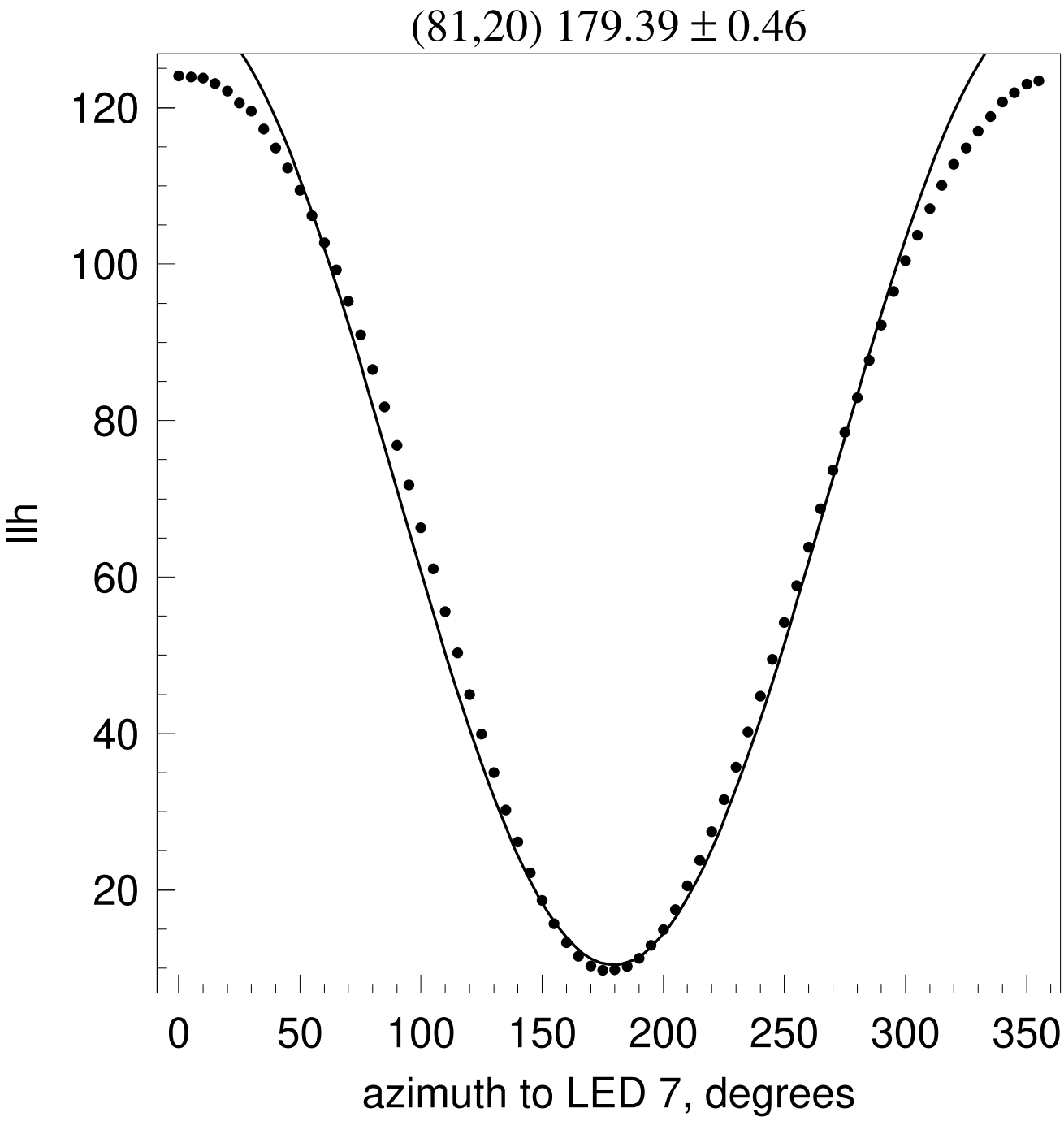

(81,15) 285.63 ± 0.52
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

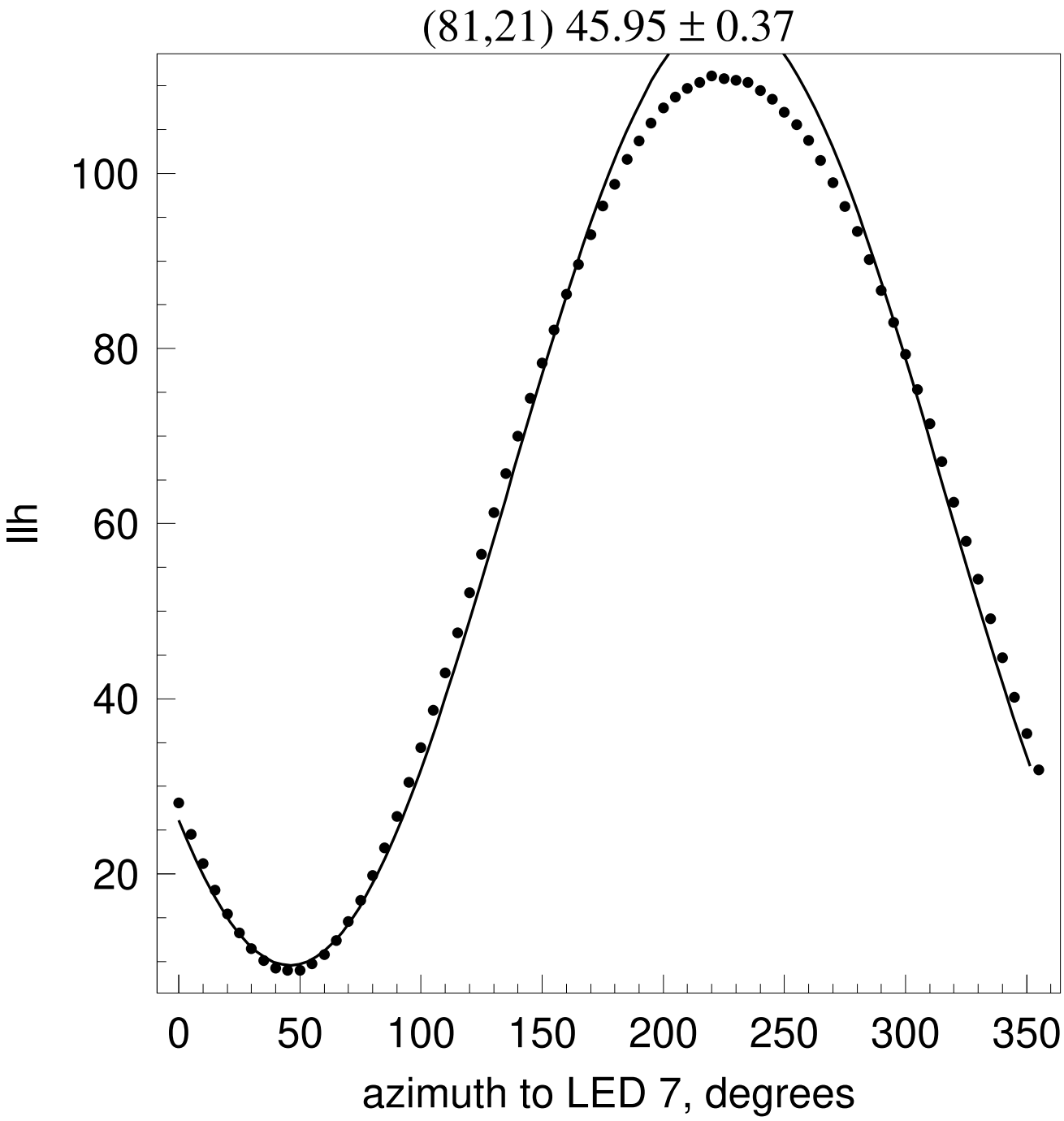

(81,16) 236.05 ± 0.79
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

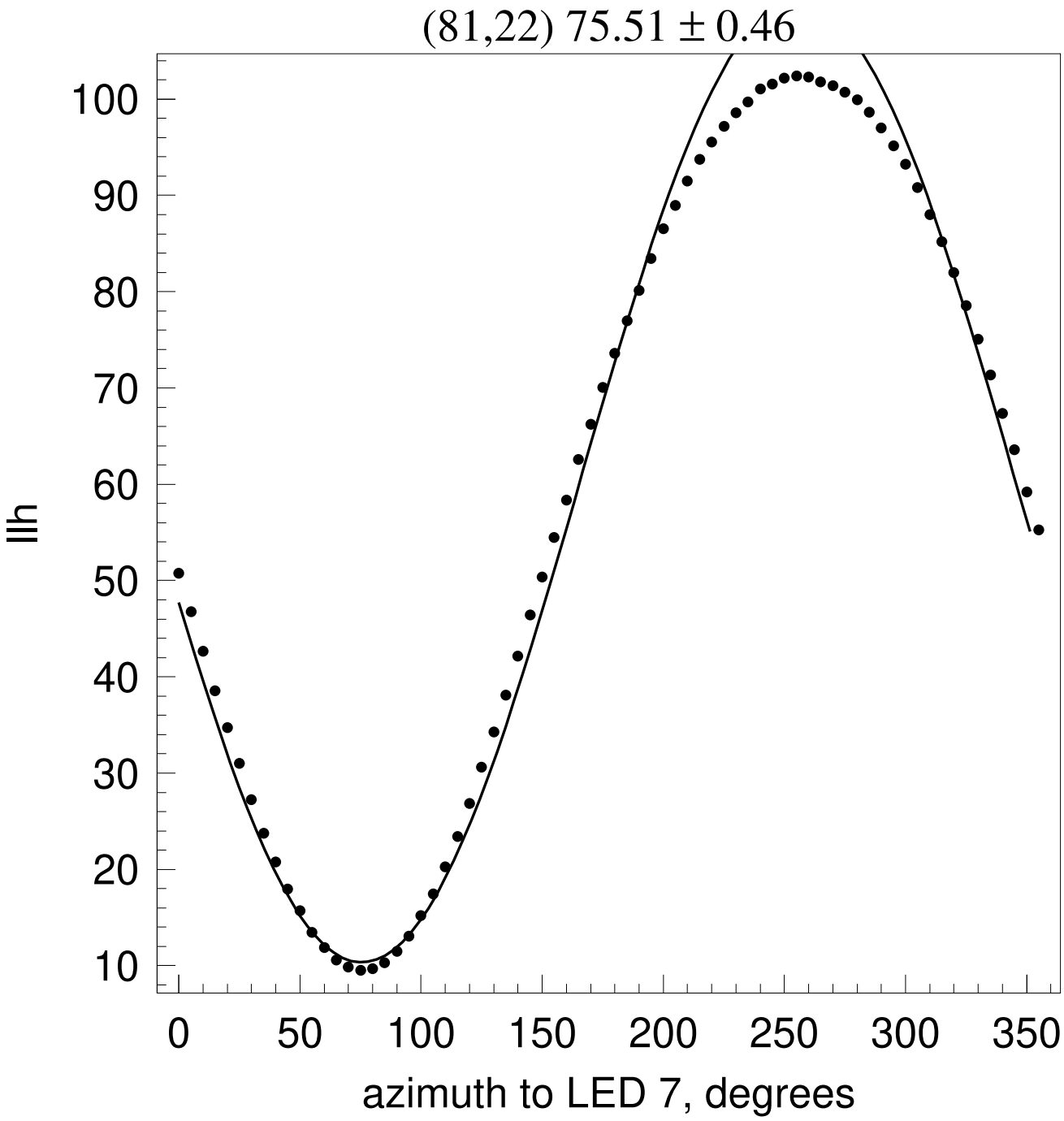

(81,17) 199.62 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

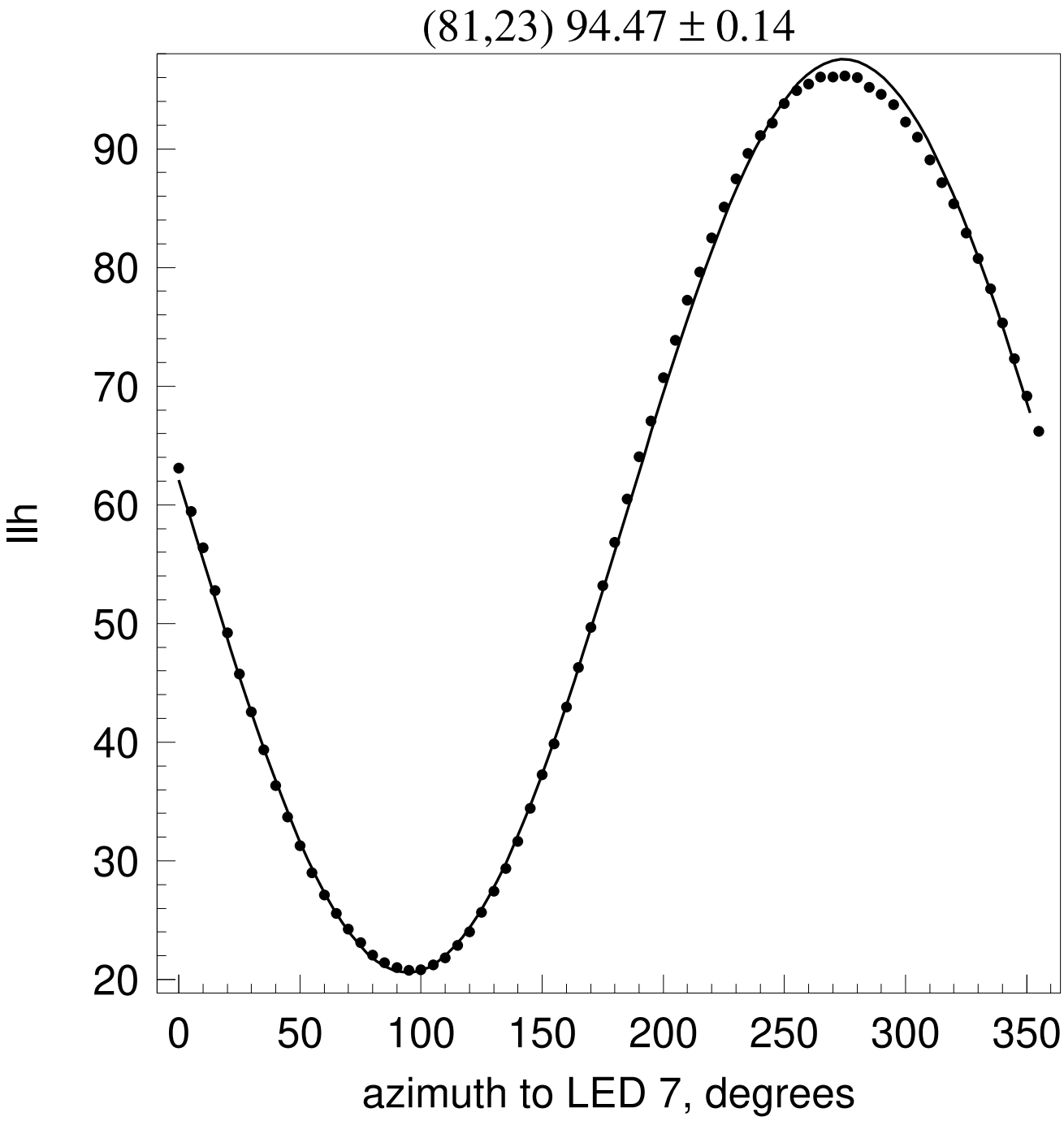

(81,18) 253.44 ± 0.66
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

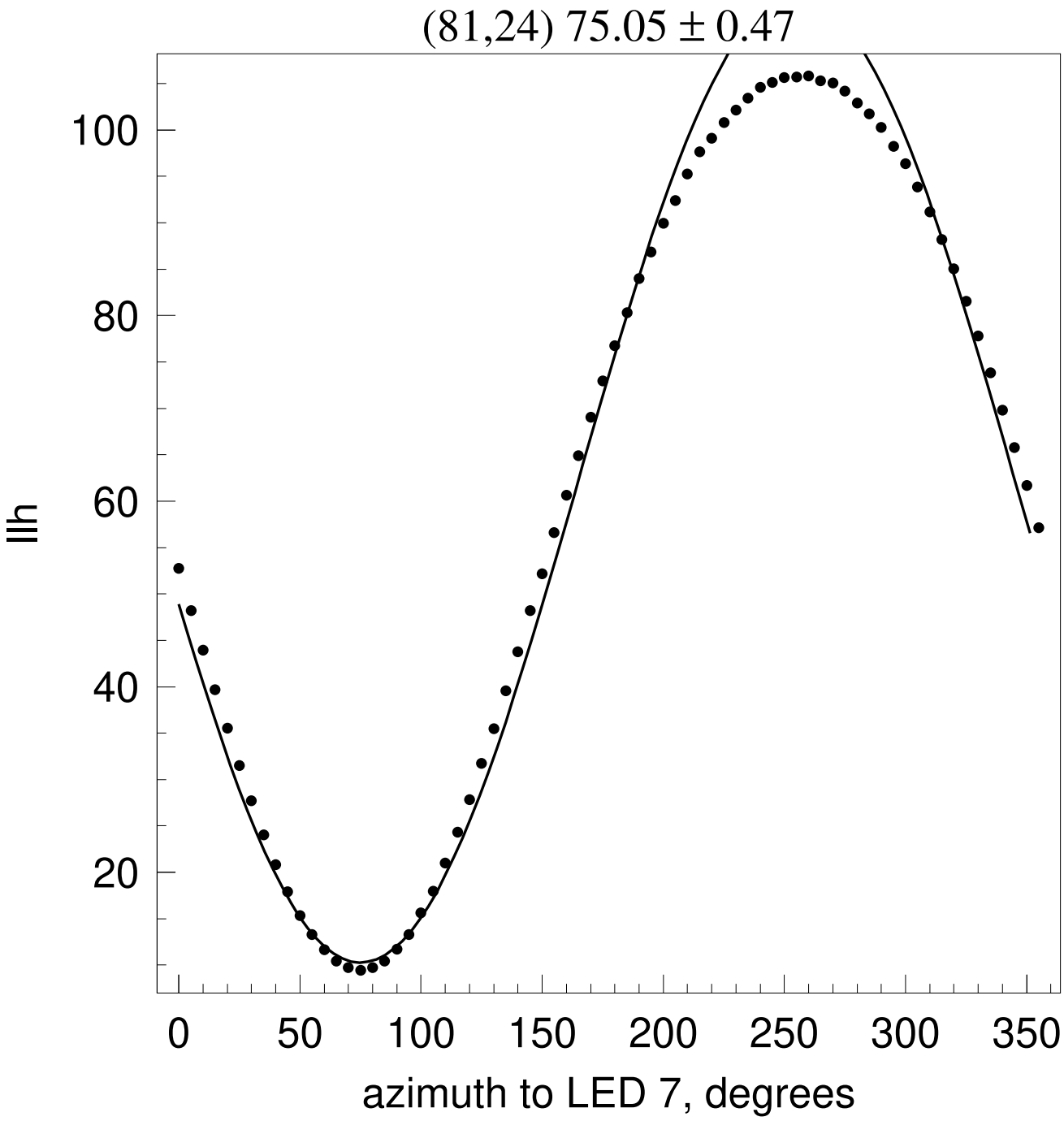

(81,19) 176.96 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

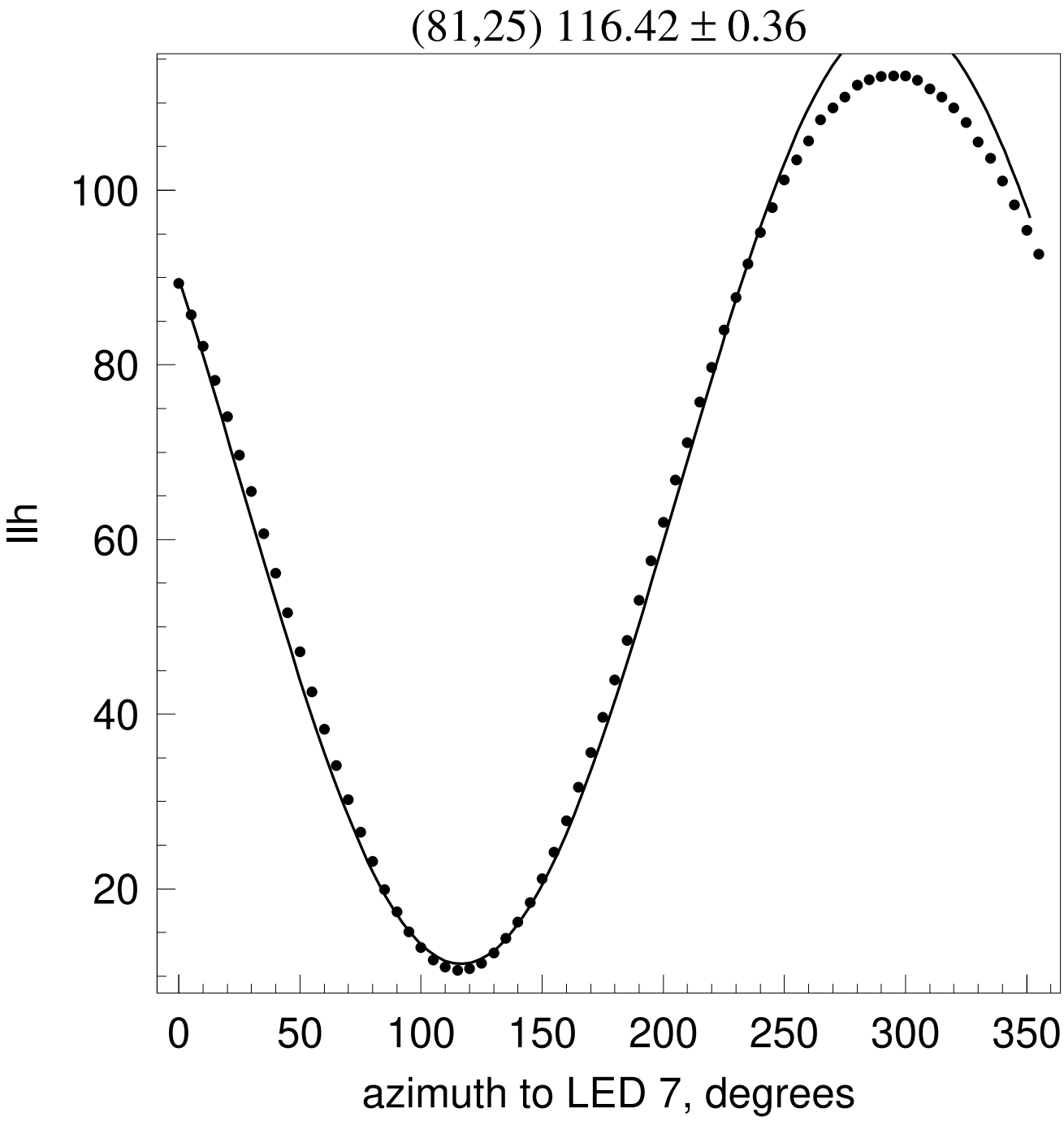

(81,20) 179.39 ± 0.46
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

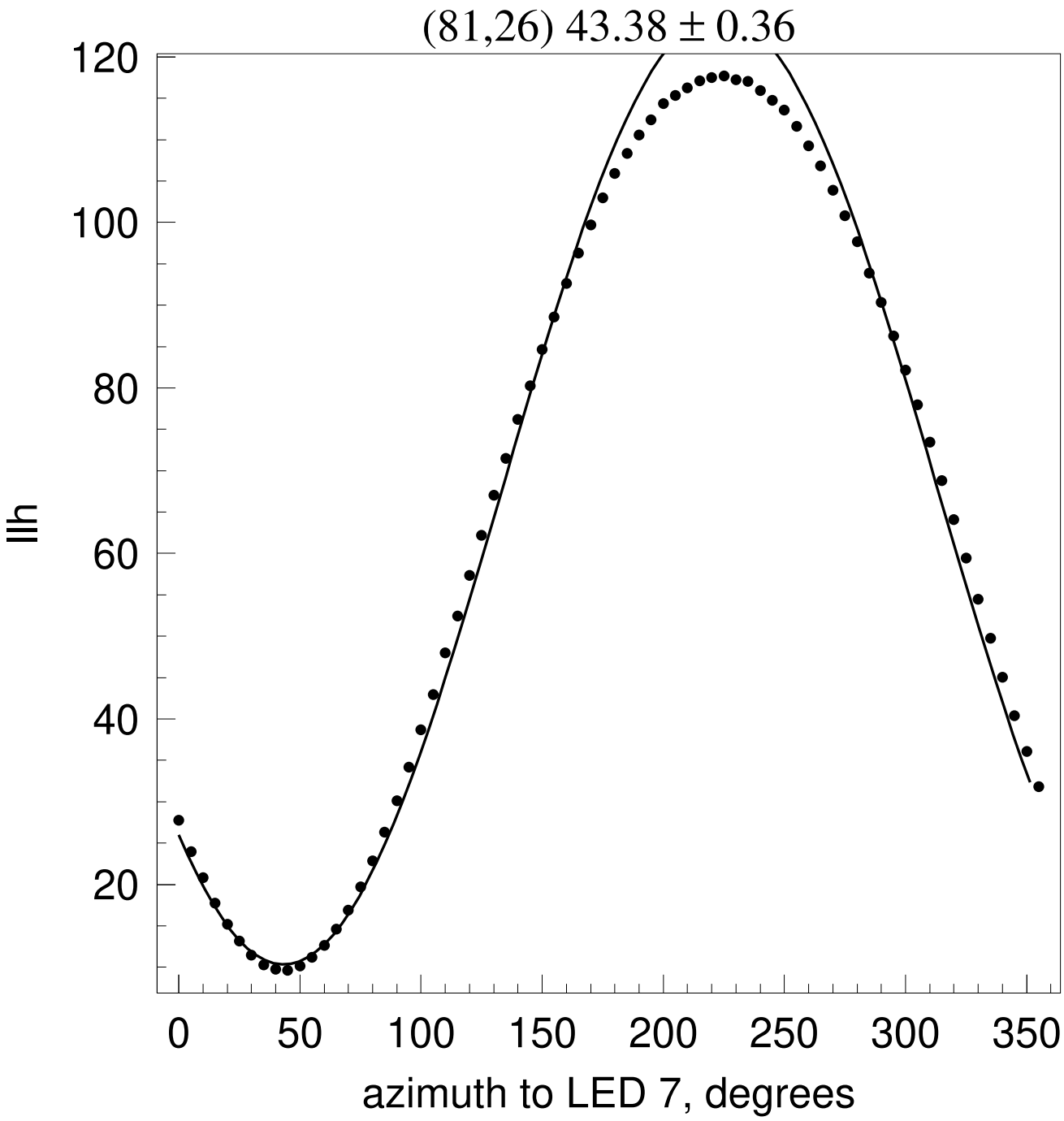

(81,21) 45.95 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

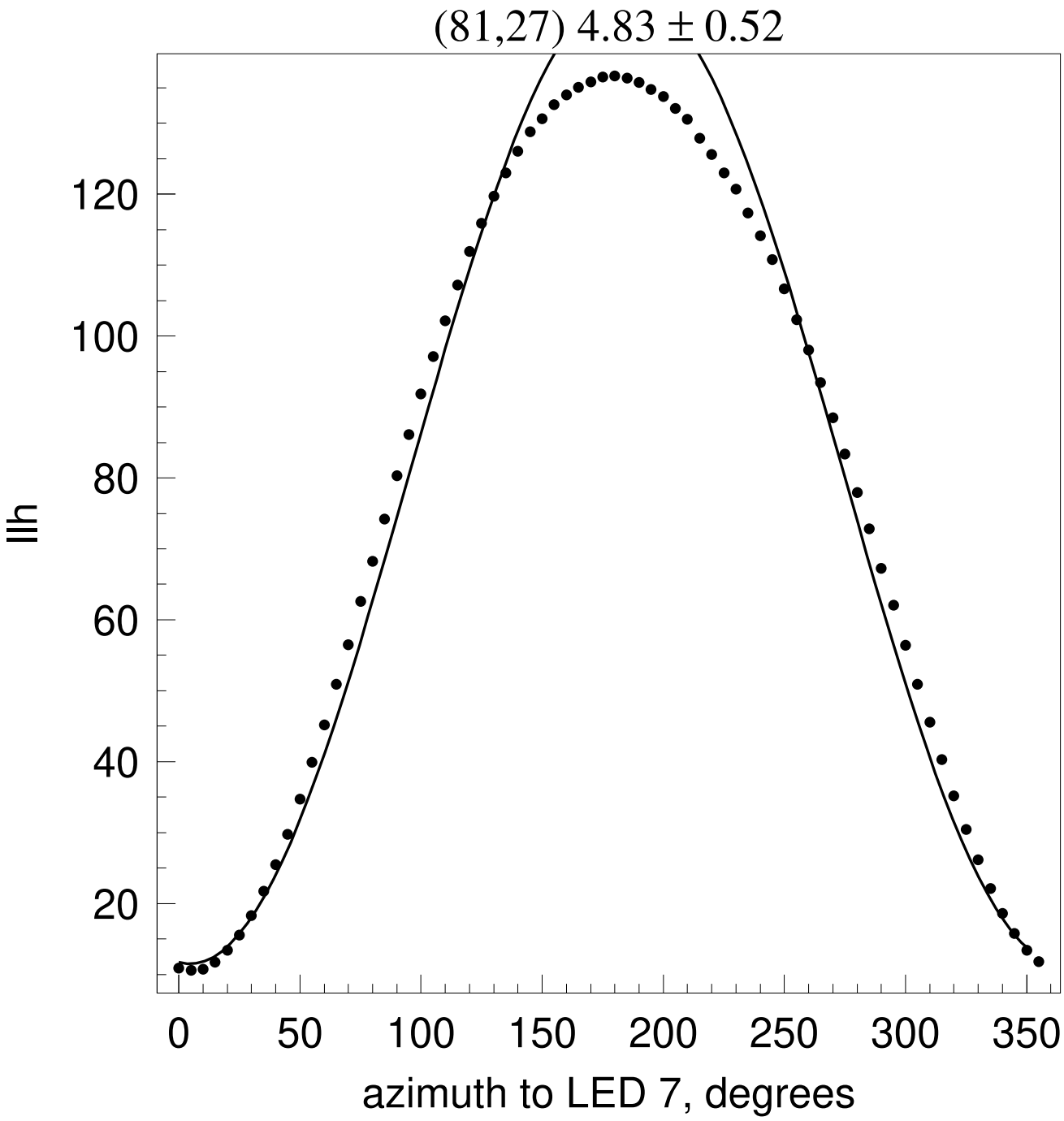

(81,22) 75.51 ± 0.46
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

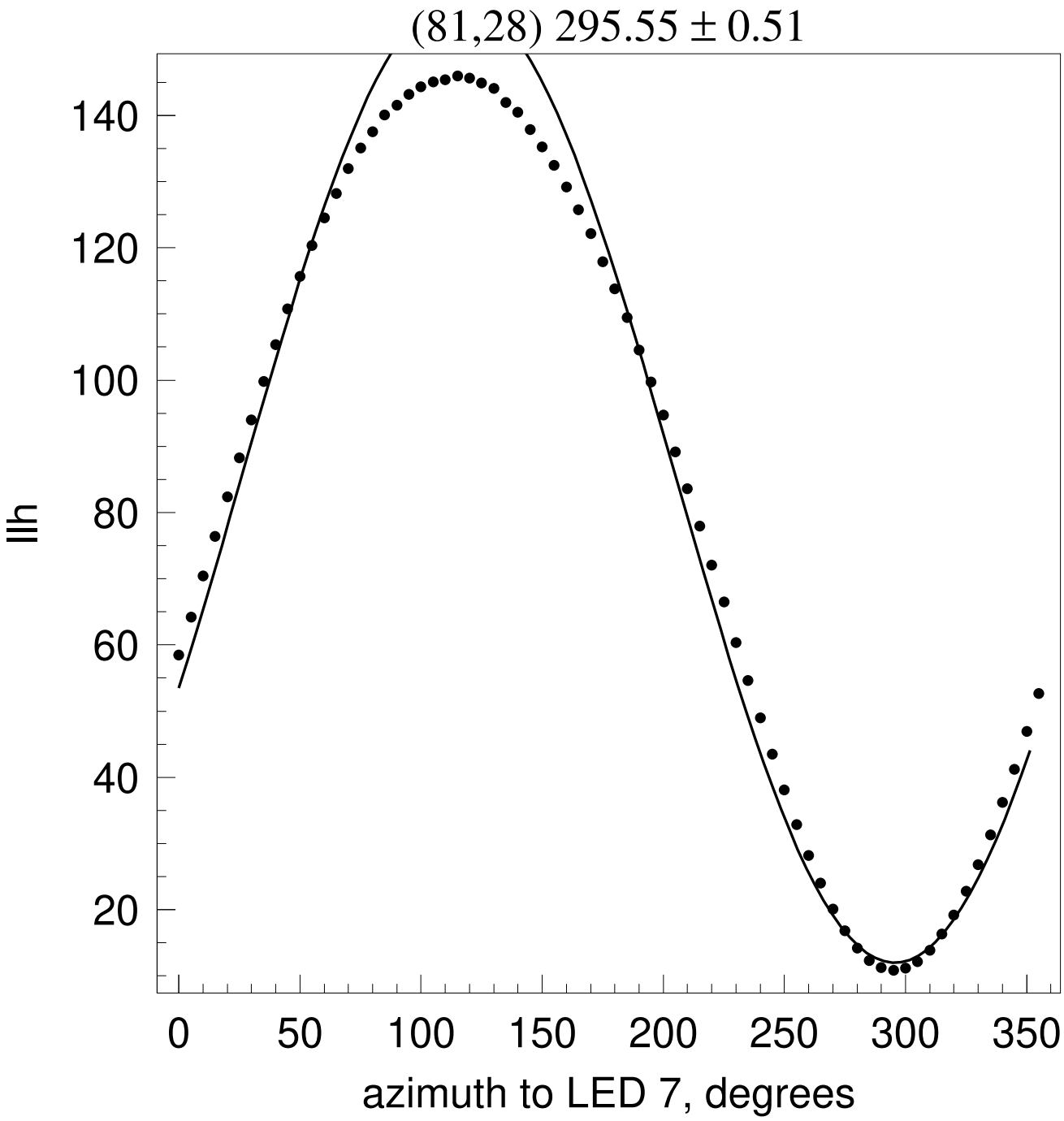

(81,23) 94.47 ± 0.14
llh
90
80
70
60
50
40
30
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

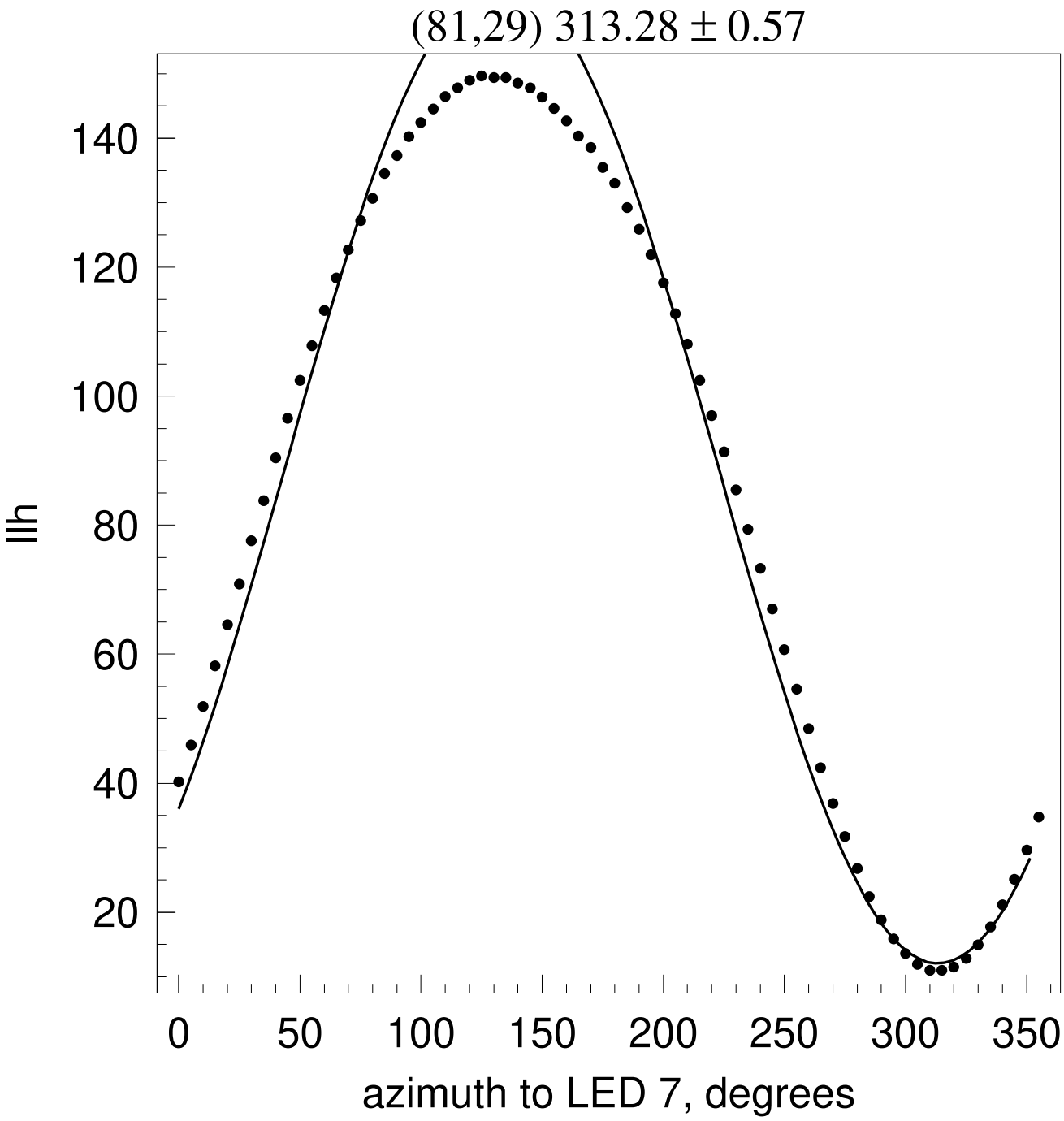

(81,24) 75.05 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

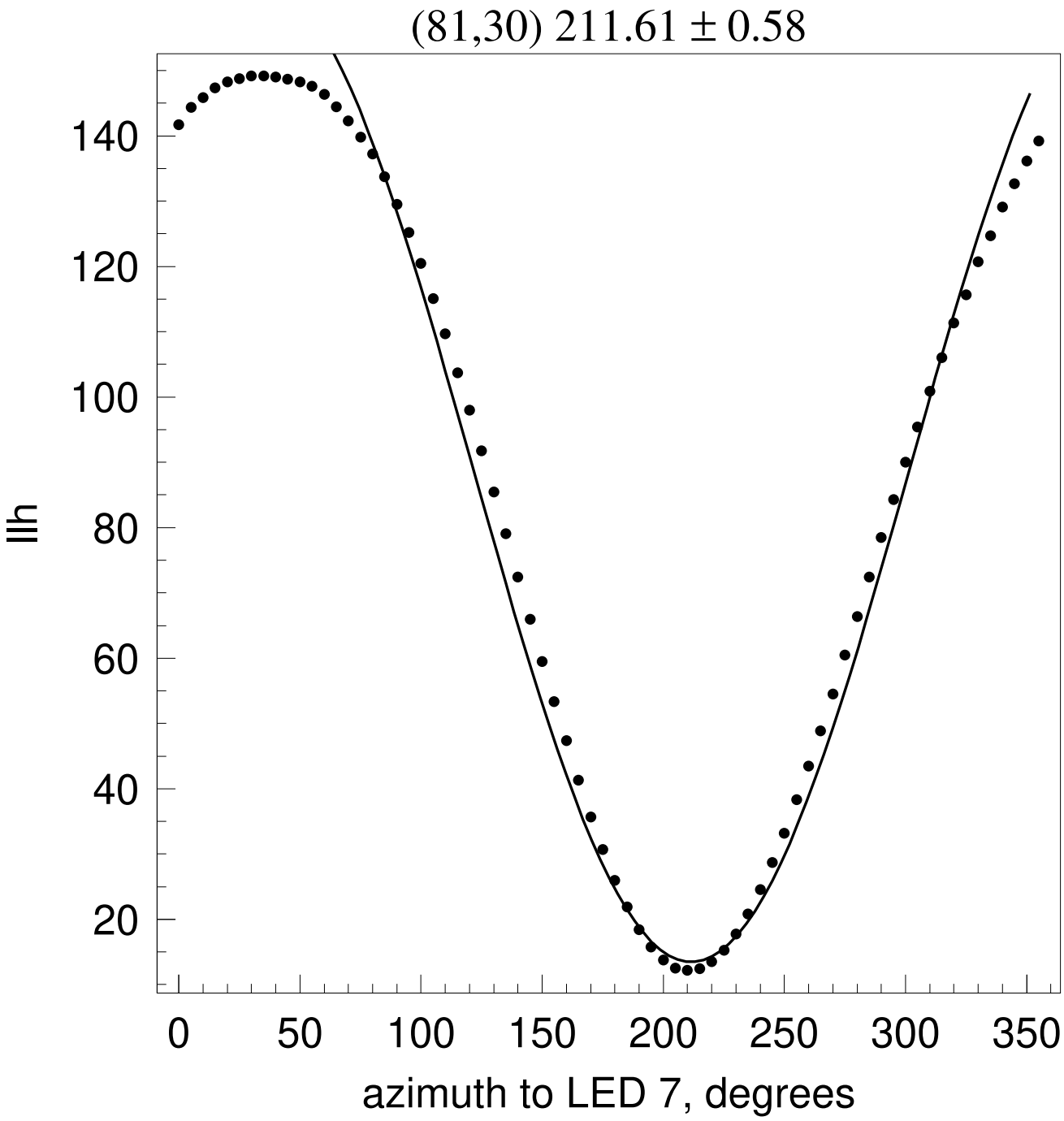

(81,25) 116.42 ± 0.36
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

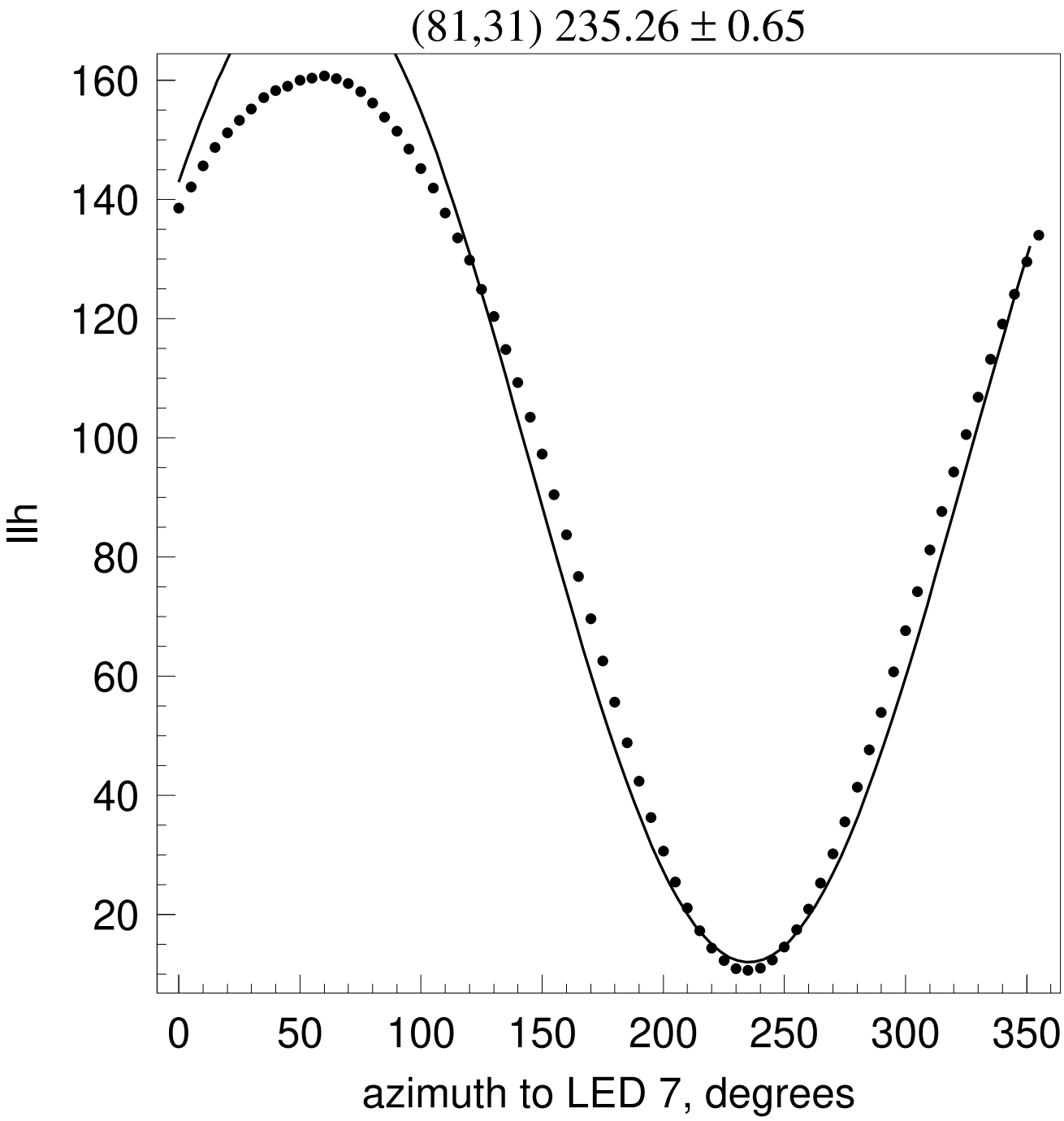

(81,26) 43.38 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

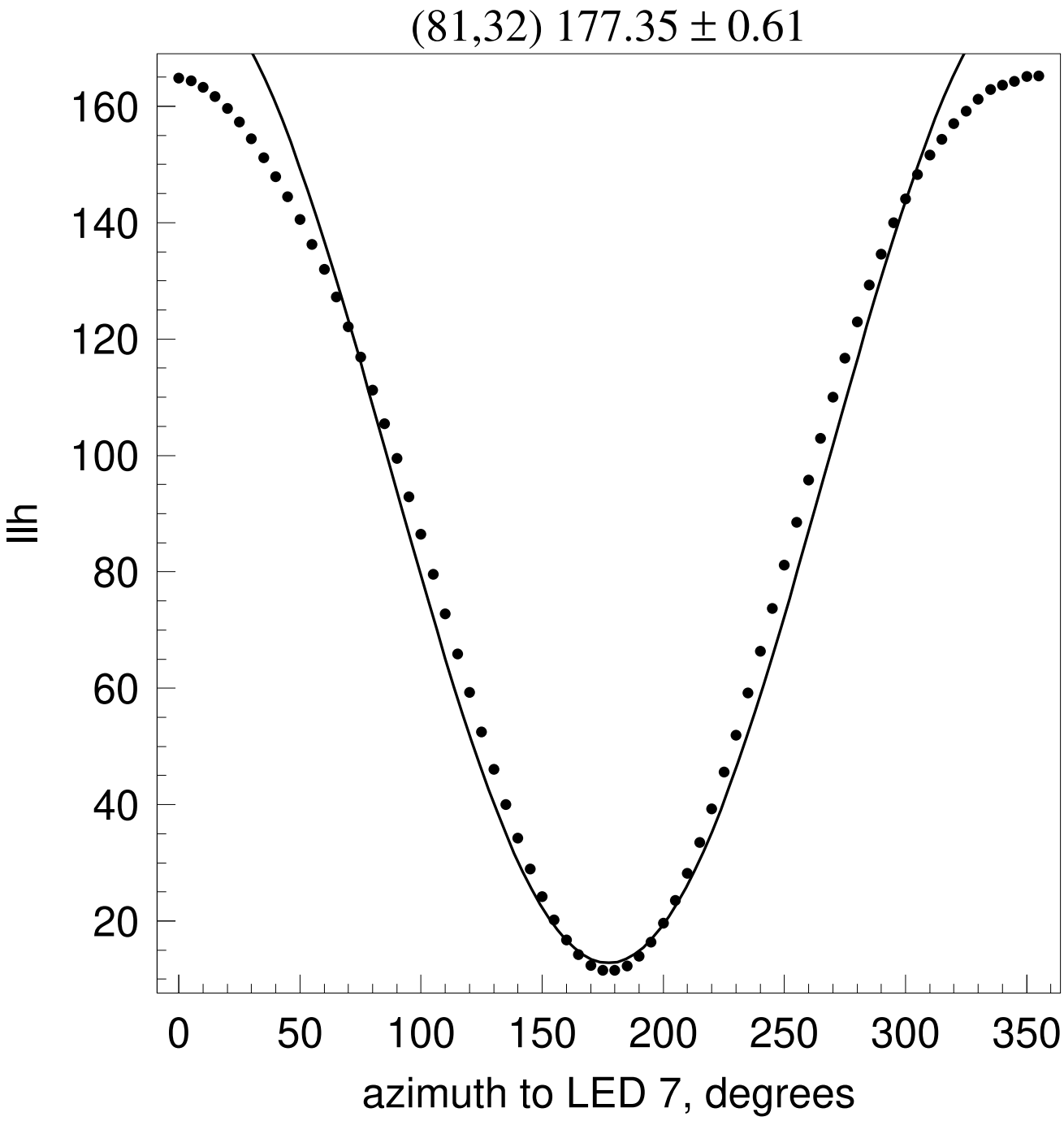

(81,27) 4.83 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

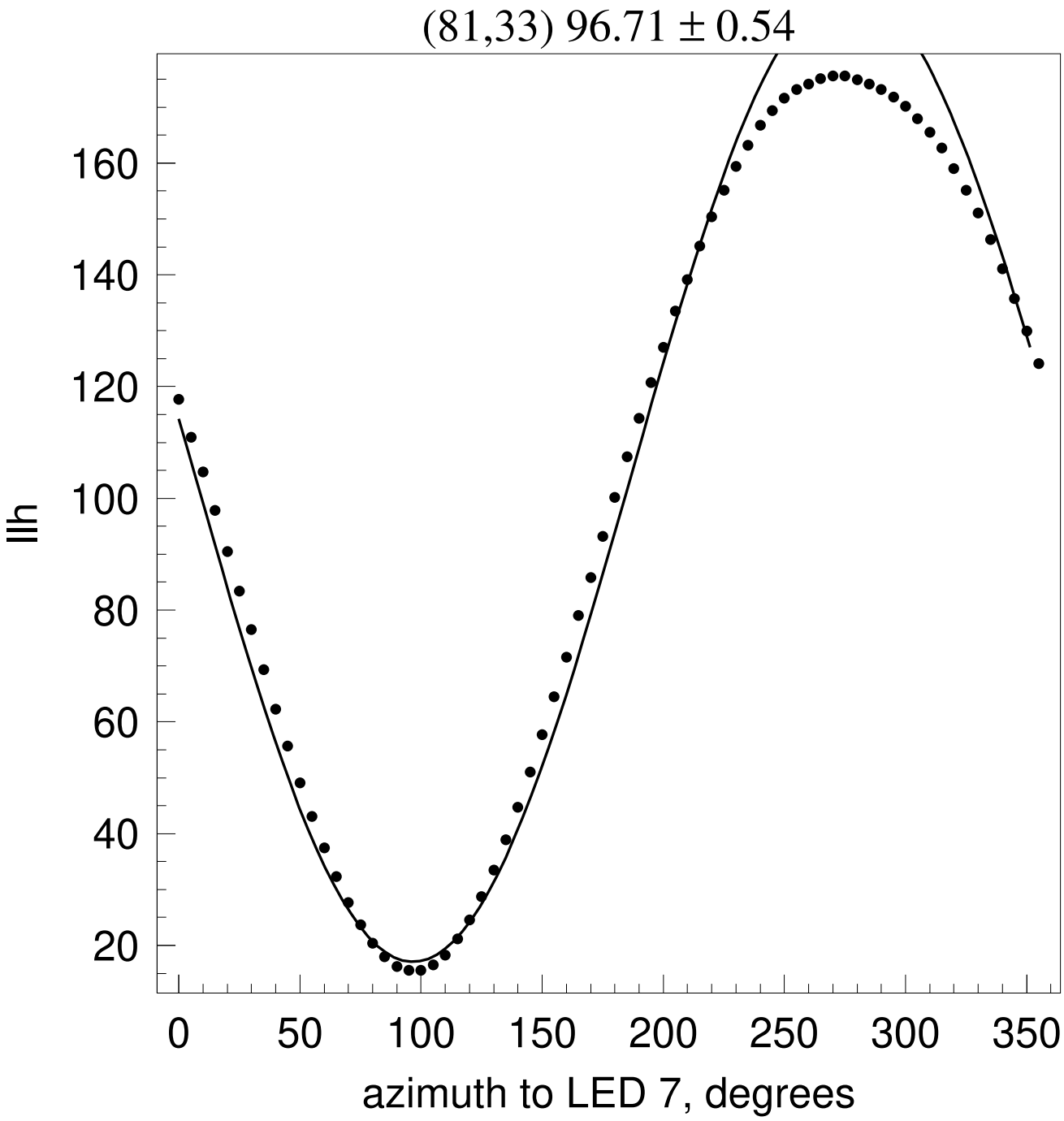

(81,28) 295.55 ± 0.51
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

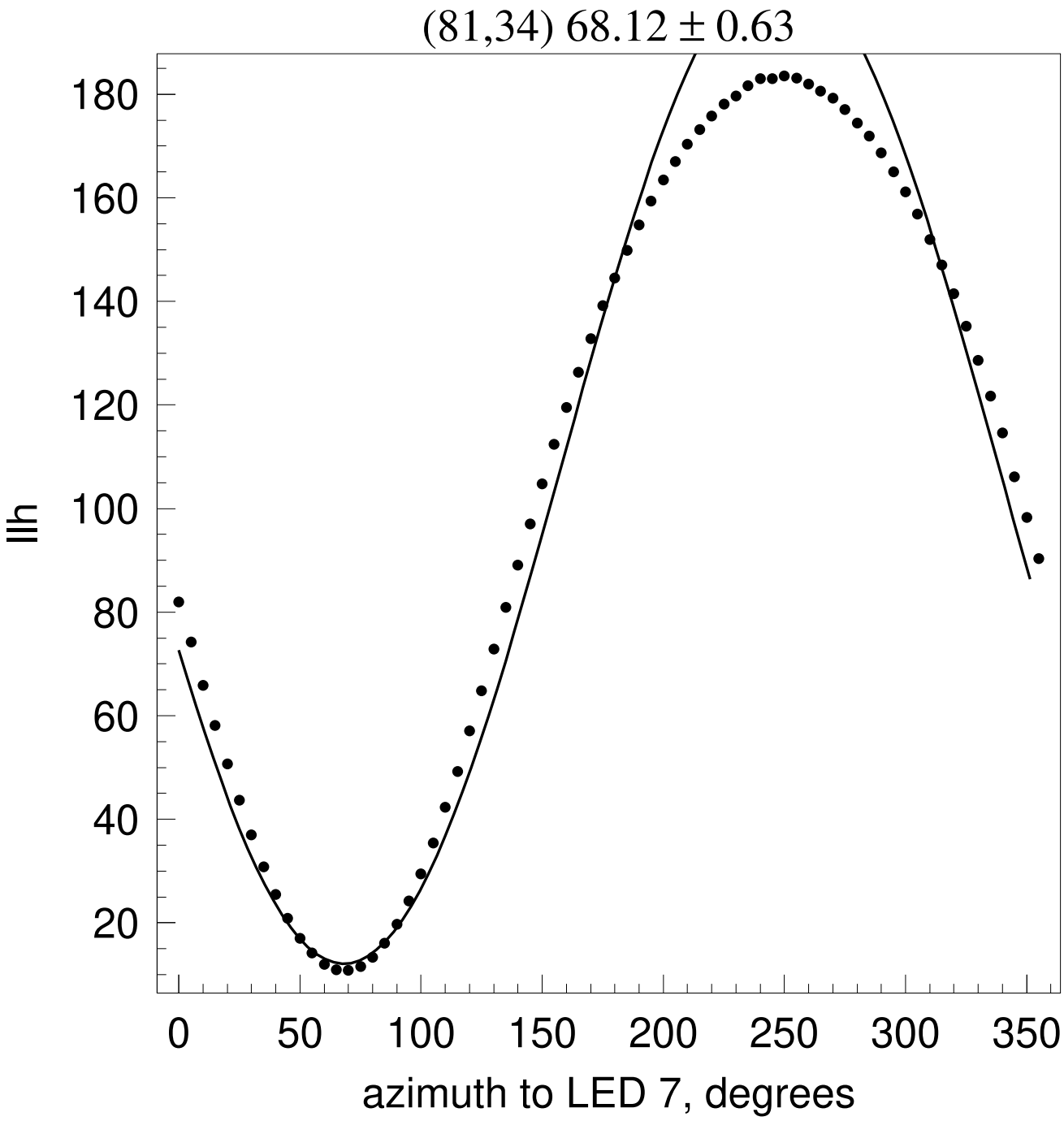

(81,29) 313.28 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

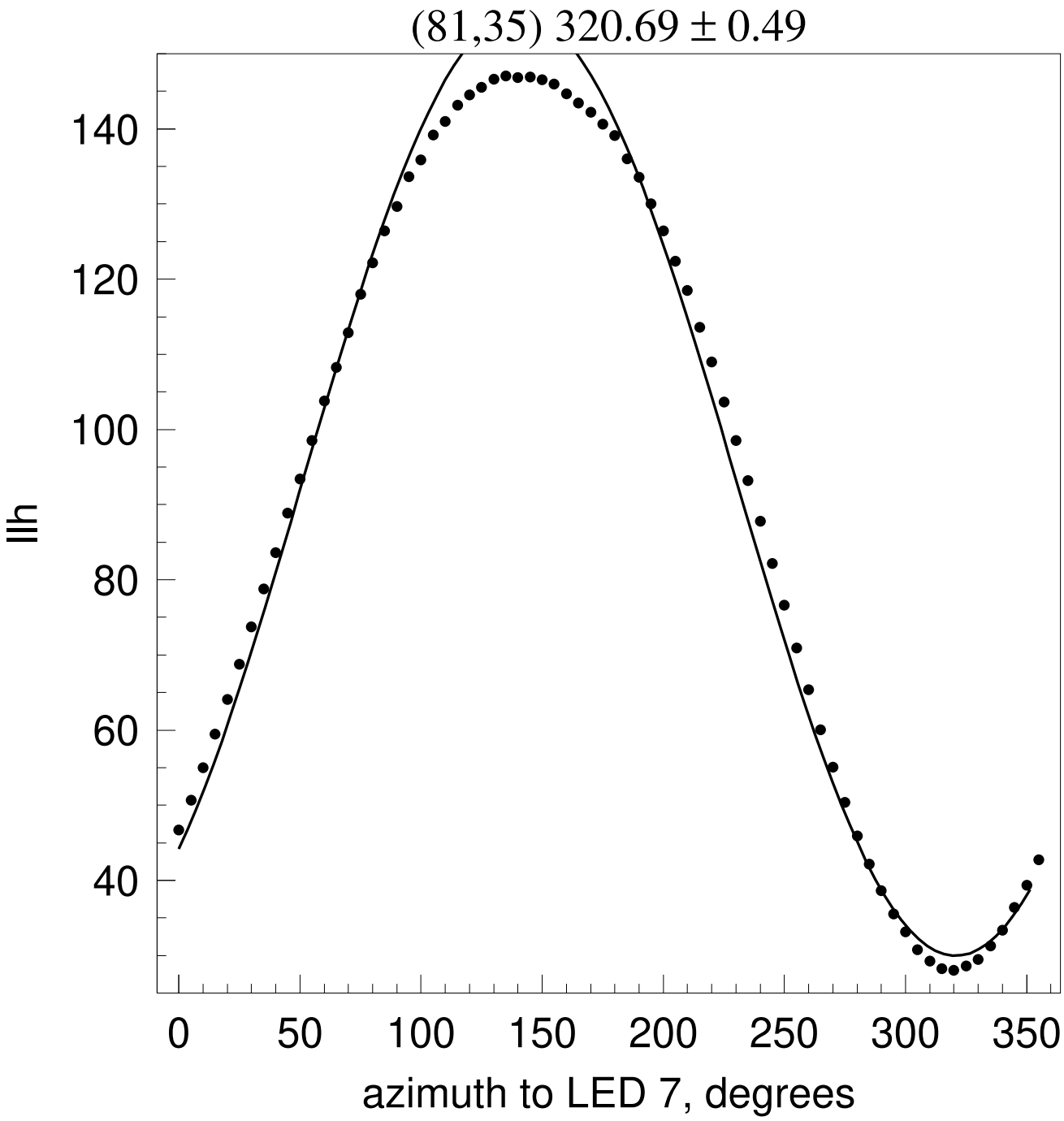

(81,30) 211.61 ± 0.58
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

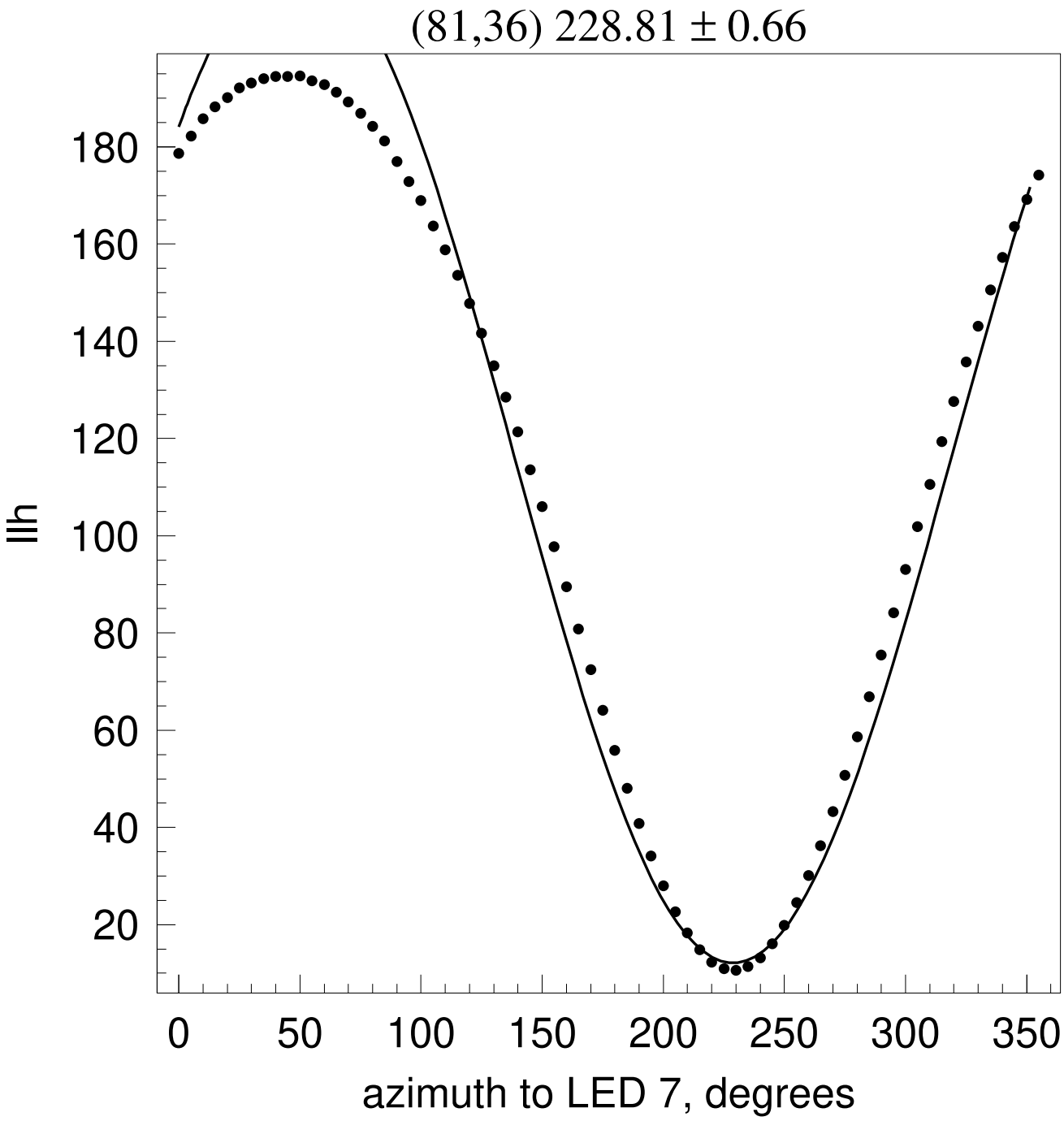

(81,31) 235.26 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

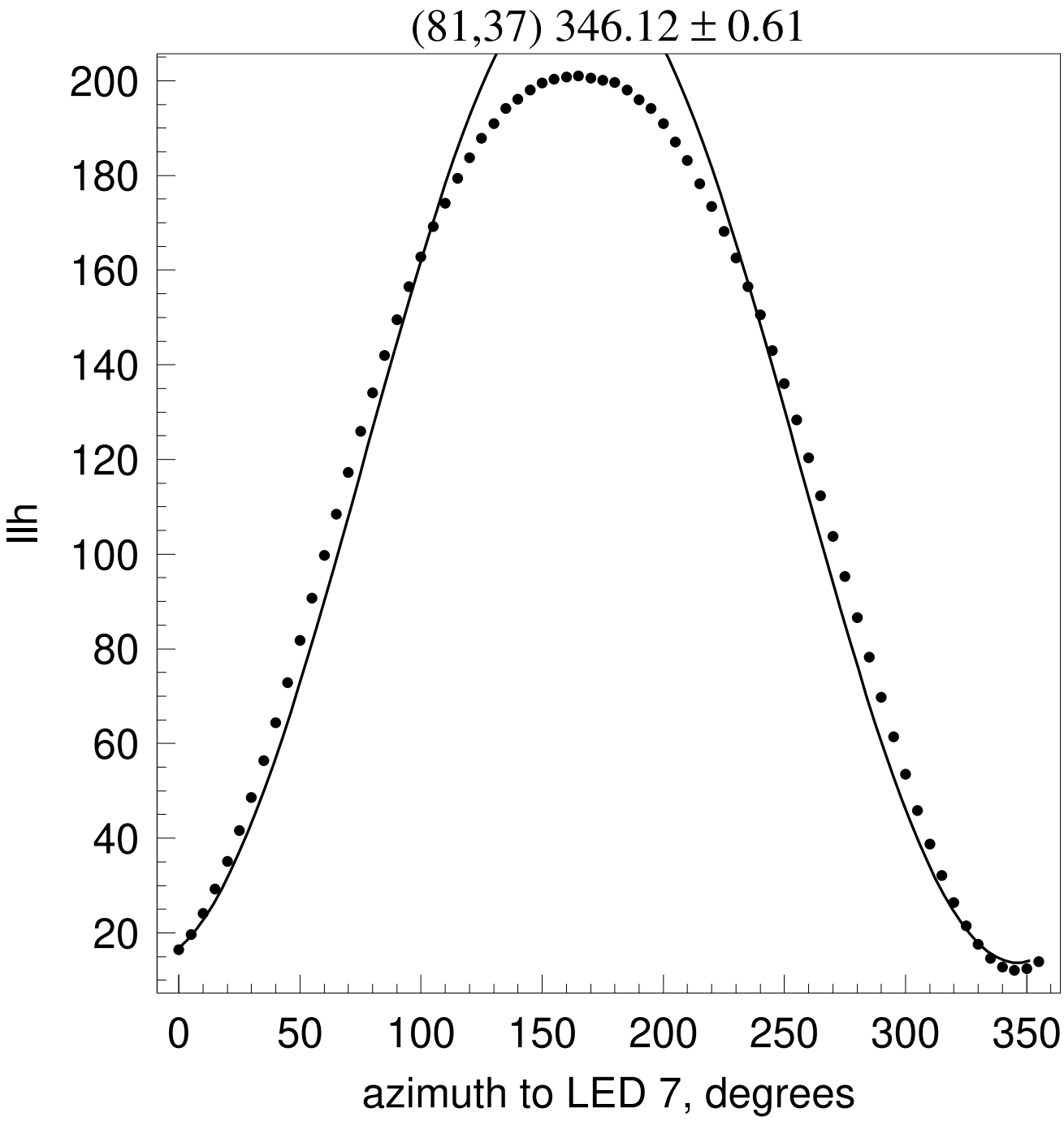

(81,32) 177.35 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

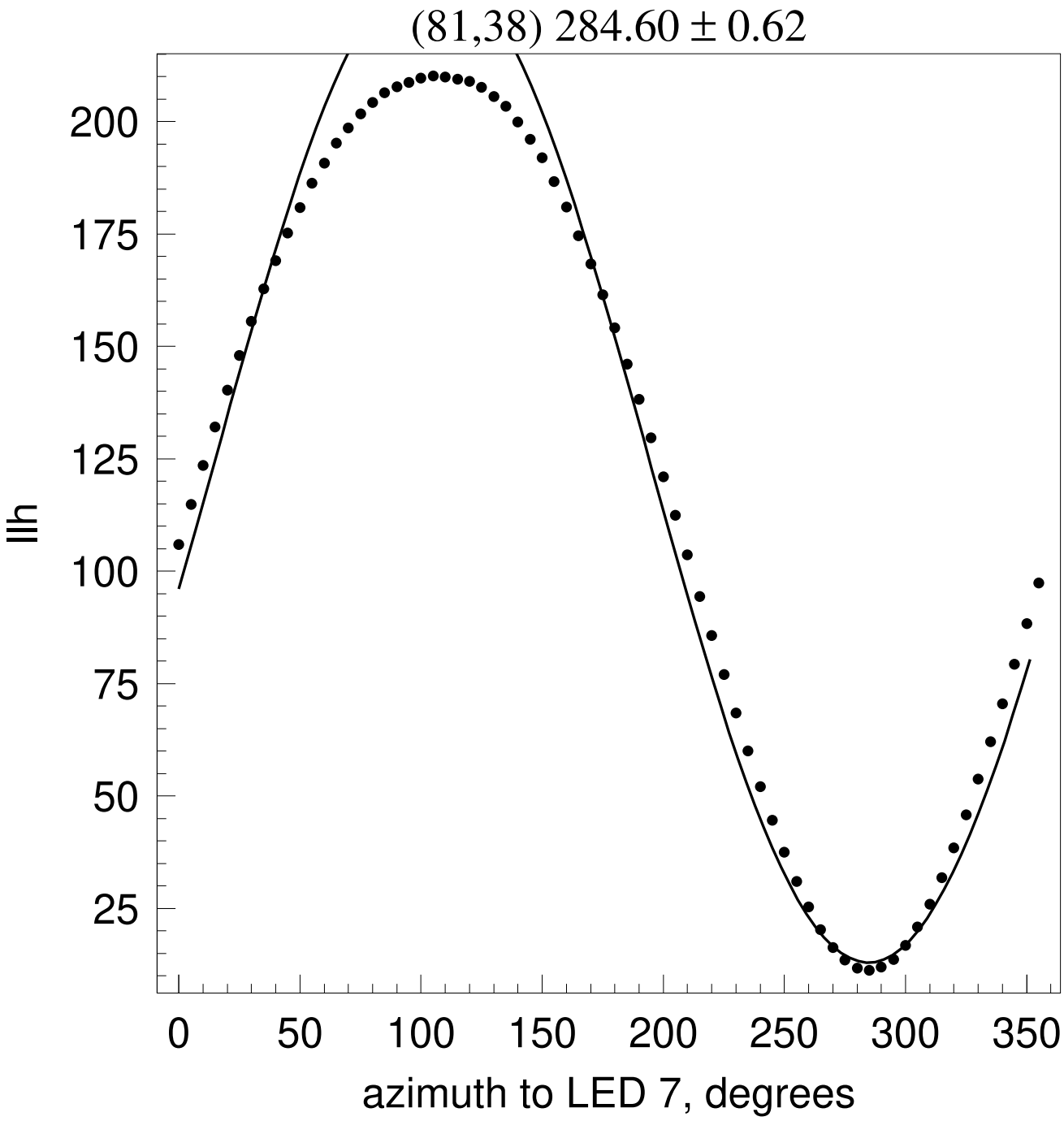

(81,33) 96.71 ± 0.54
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

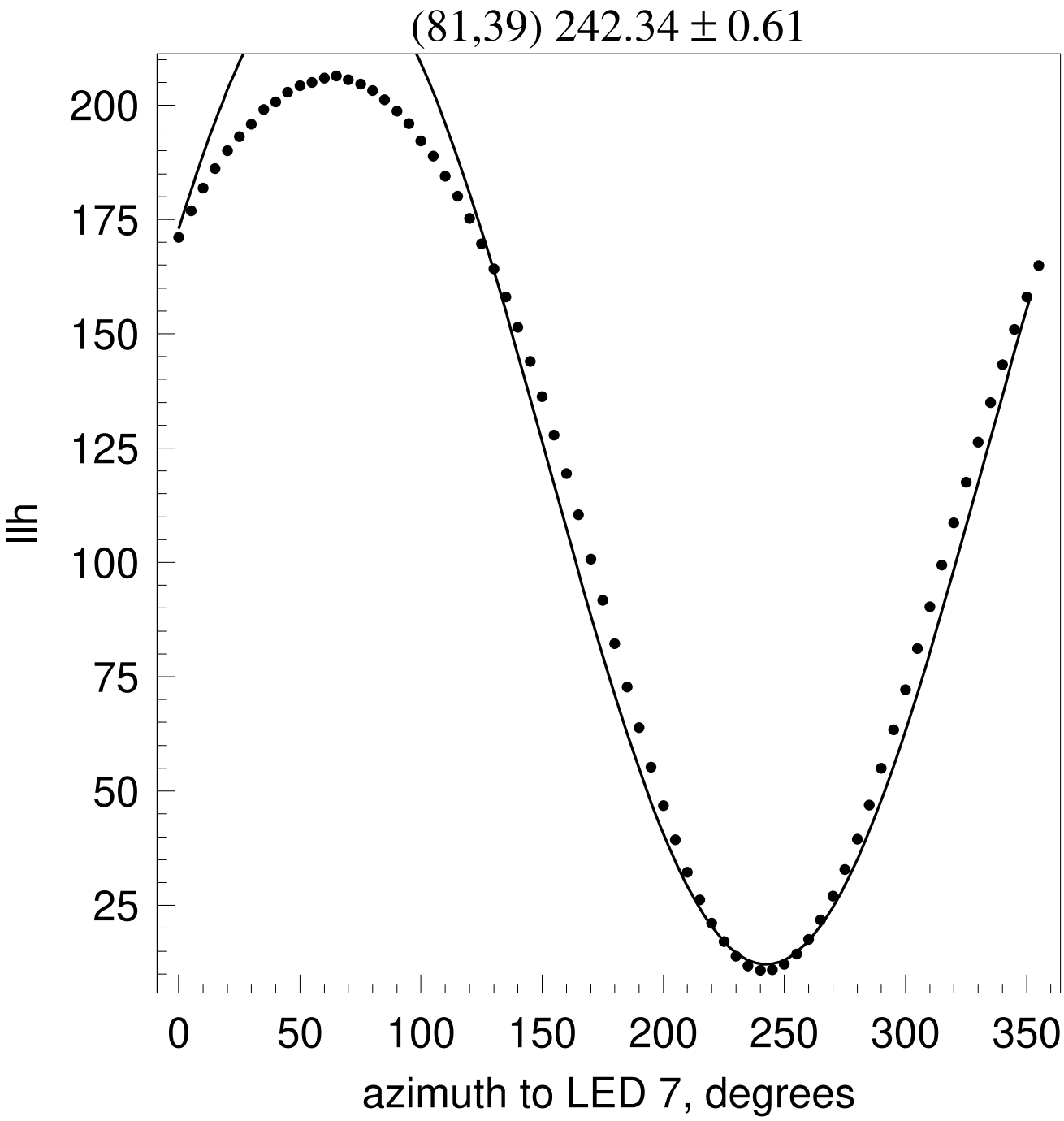

(81,34) 68.12 ± 0.63
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

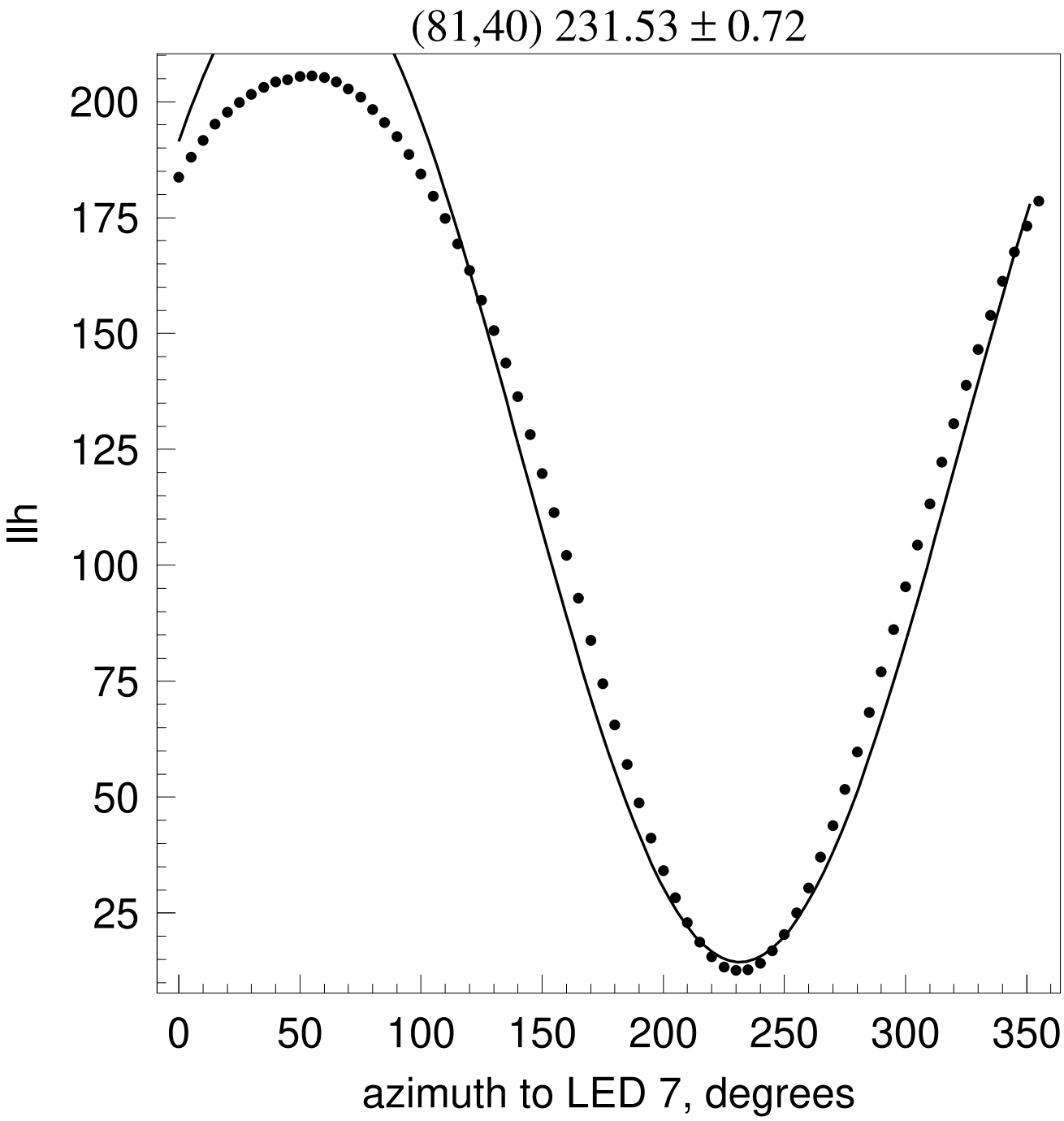

(81,35) 320.69 ± 0.49
140
120
100
80
60
40
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

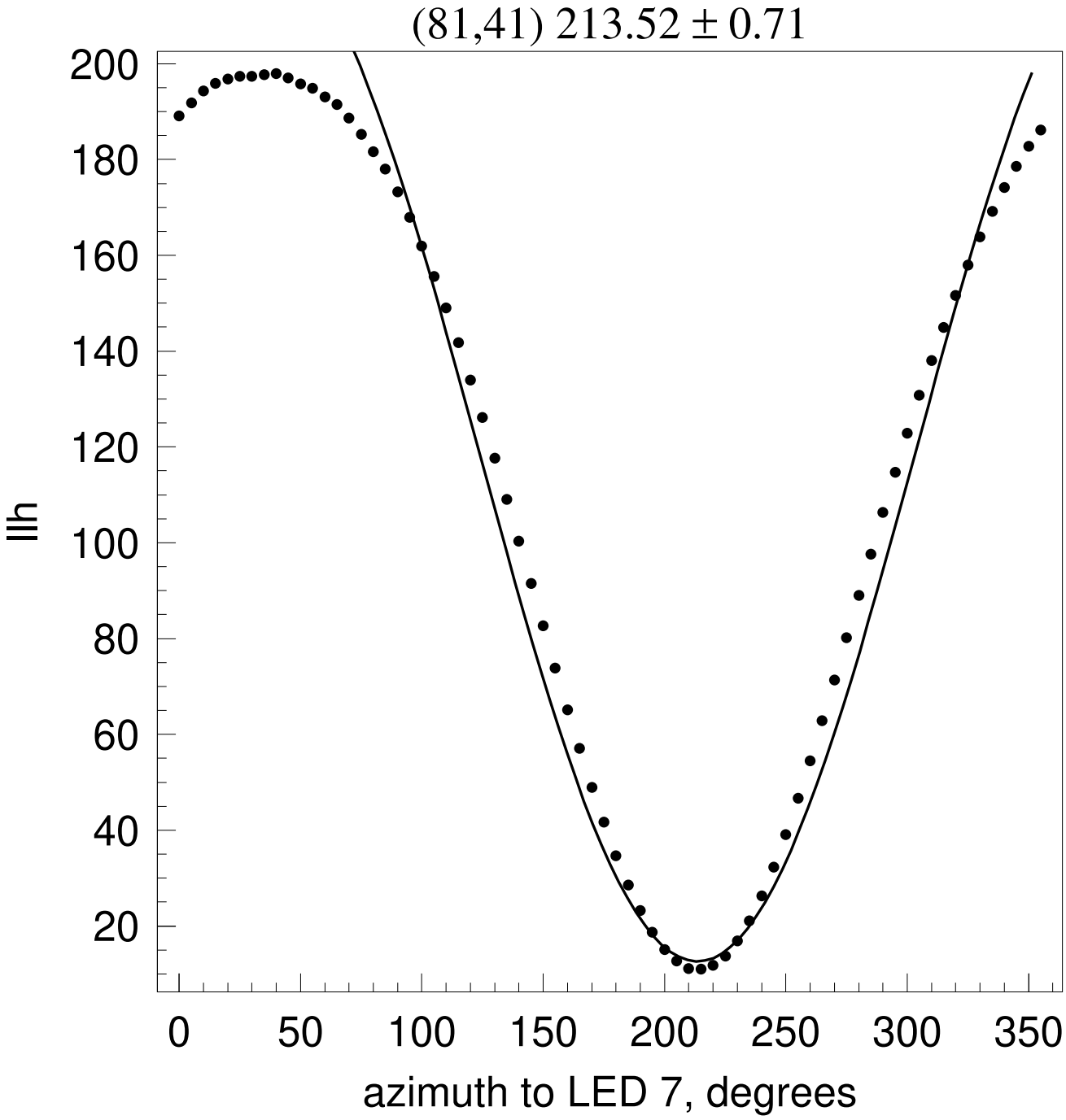

(81,36) 228.81 ± 0.66
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

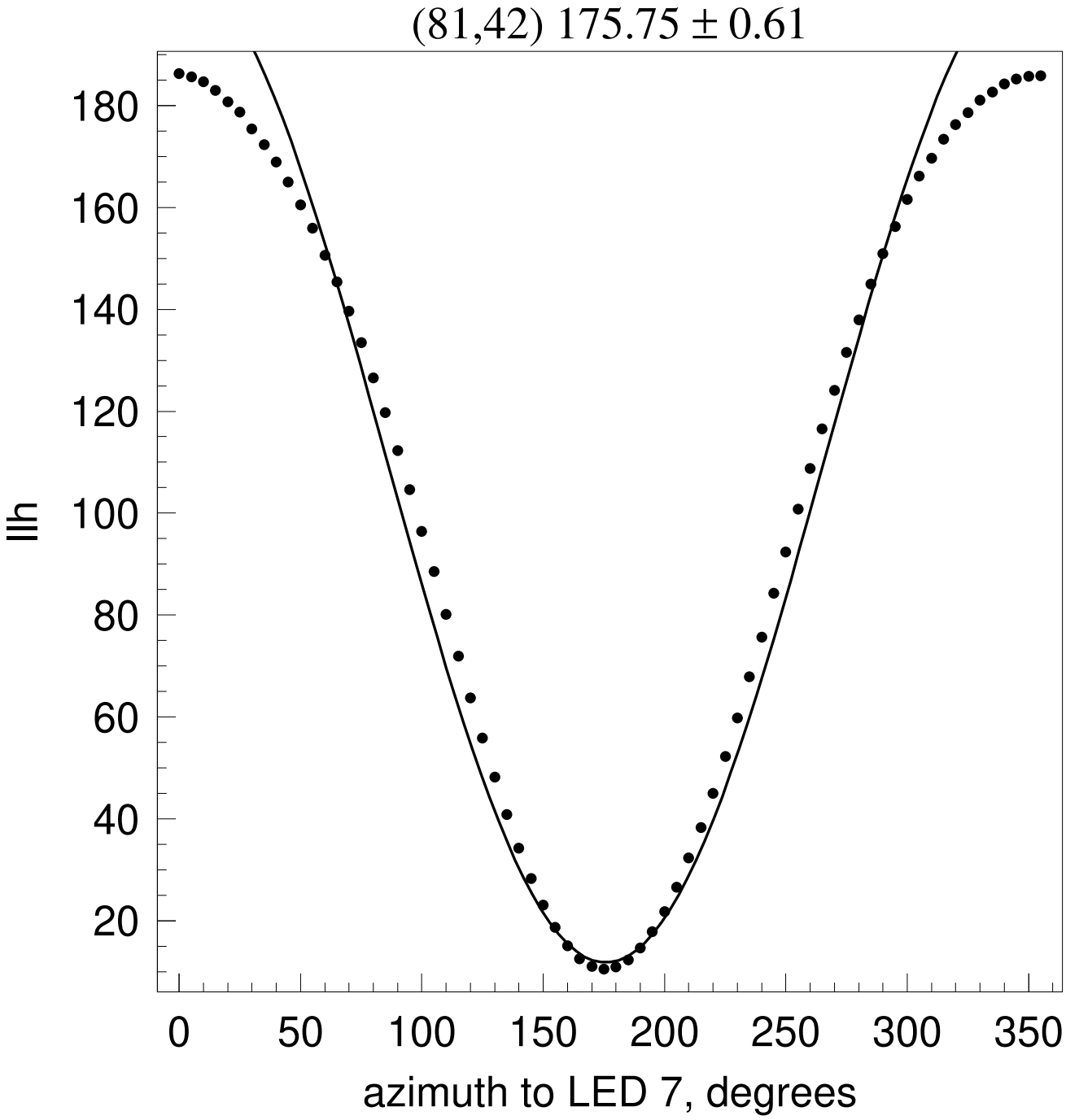

(81,37) 346.12 ± 0.61
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

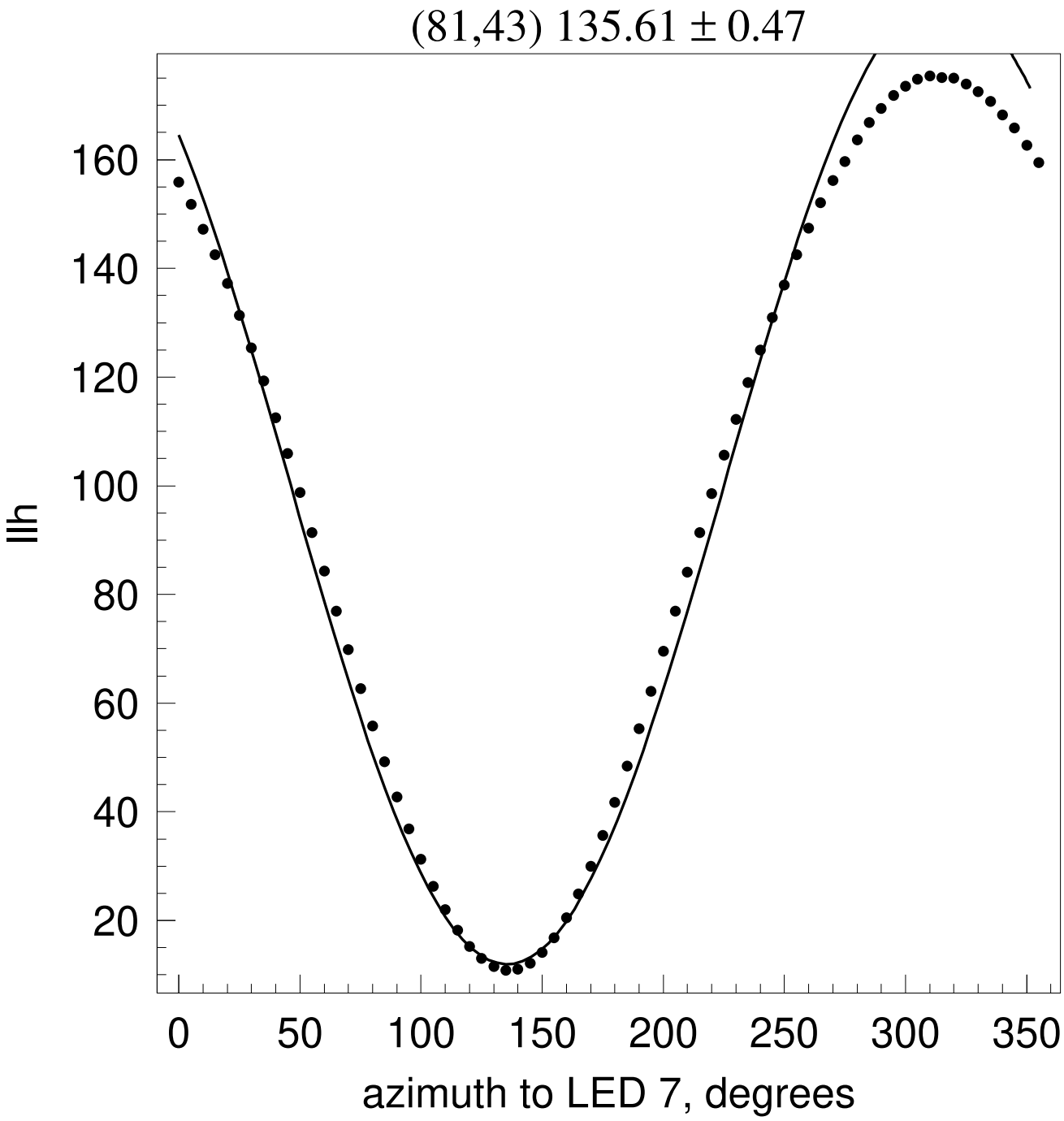

(81,38) 284.60 ± 0.62
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

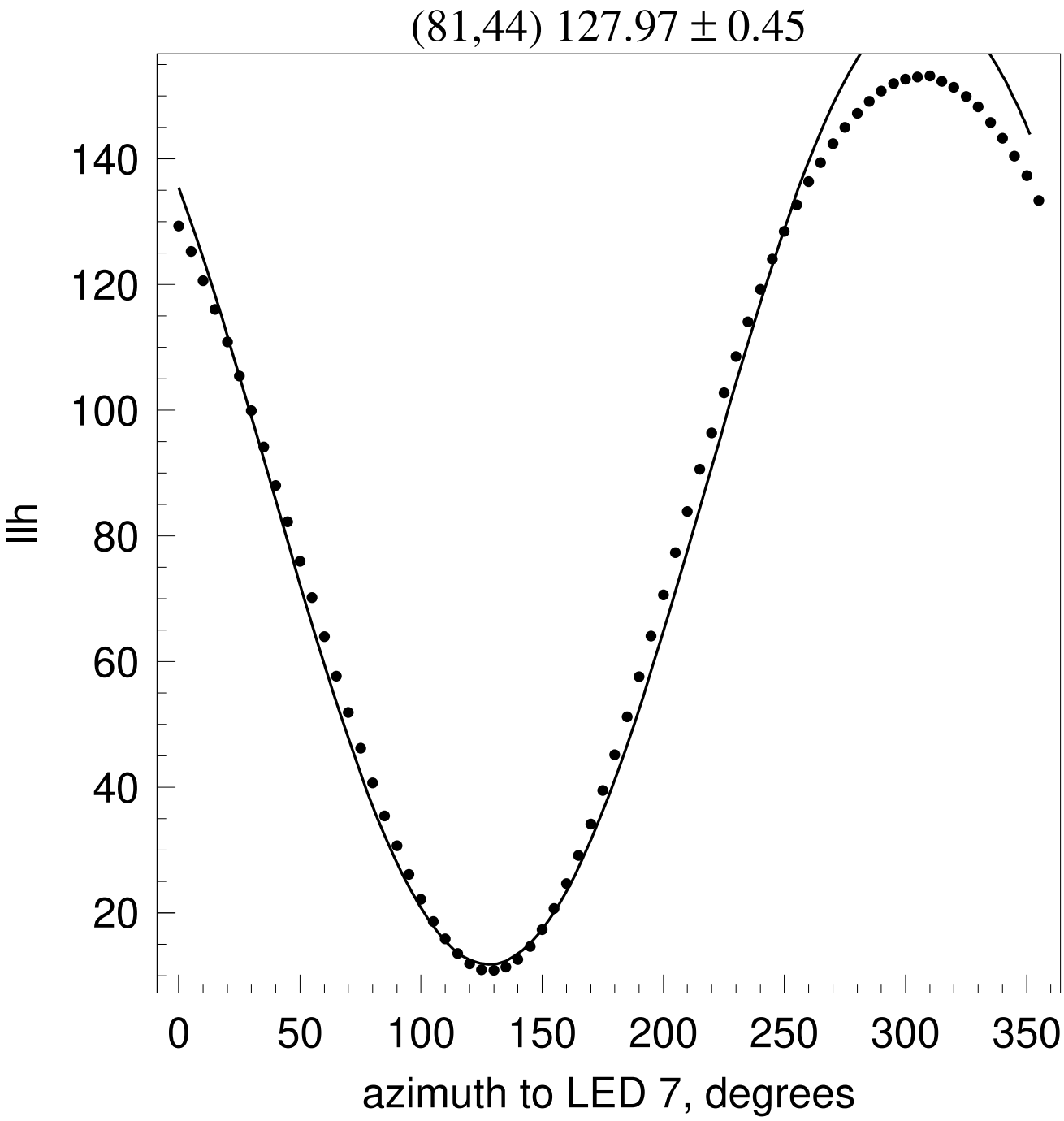

(81,39) 242.34 ± 0.61
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

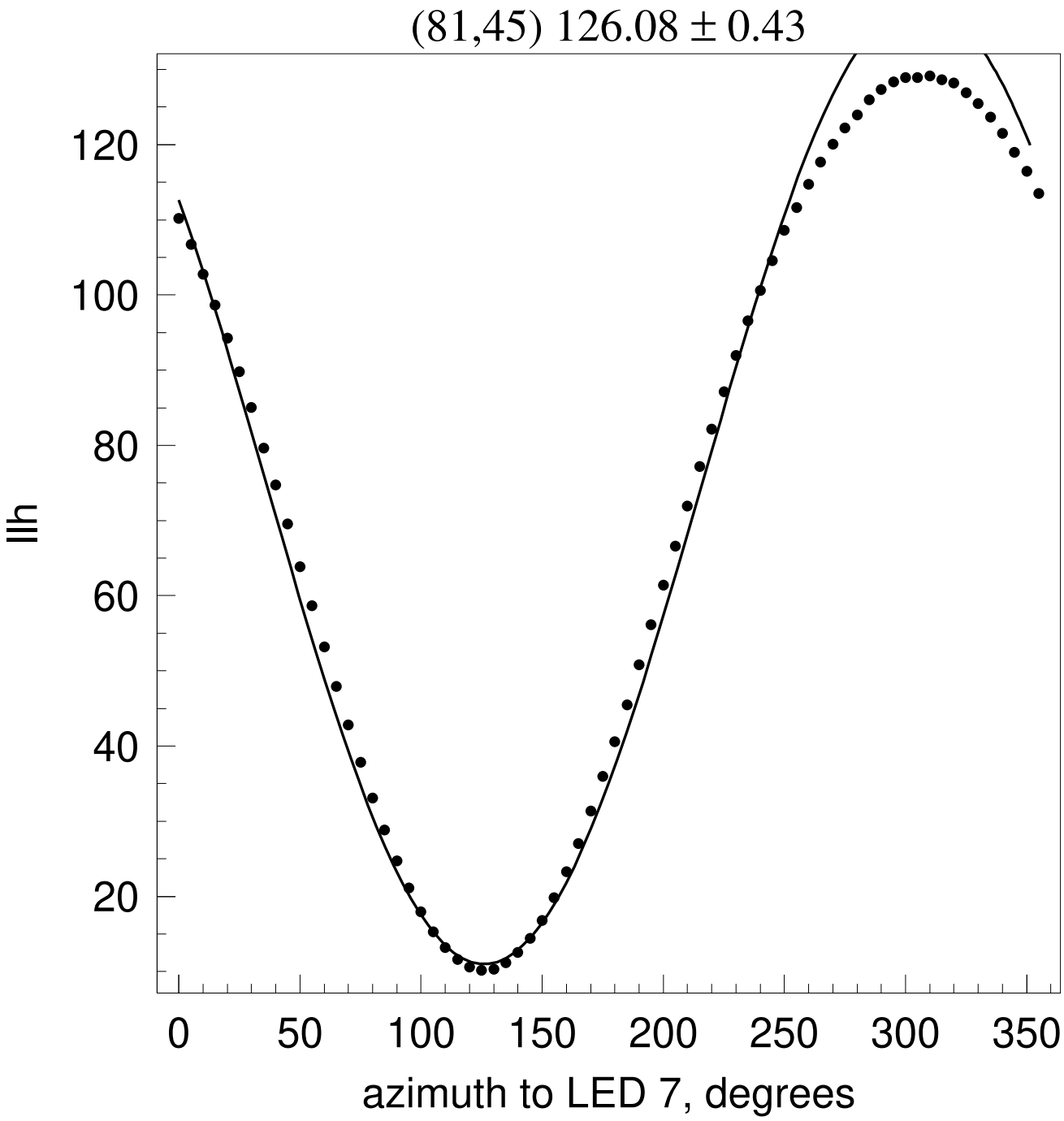

(81,40) 231.53 ± 0.72
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

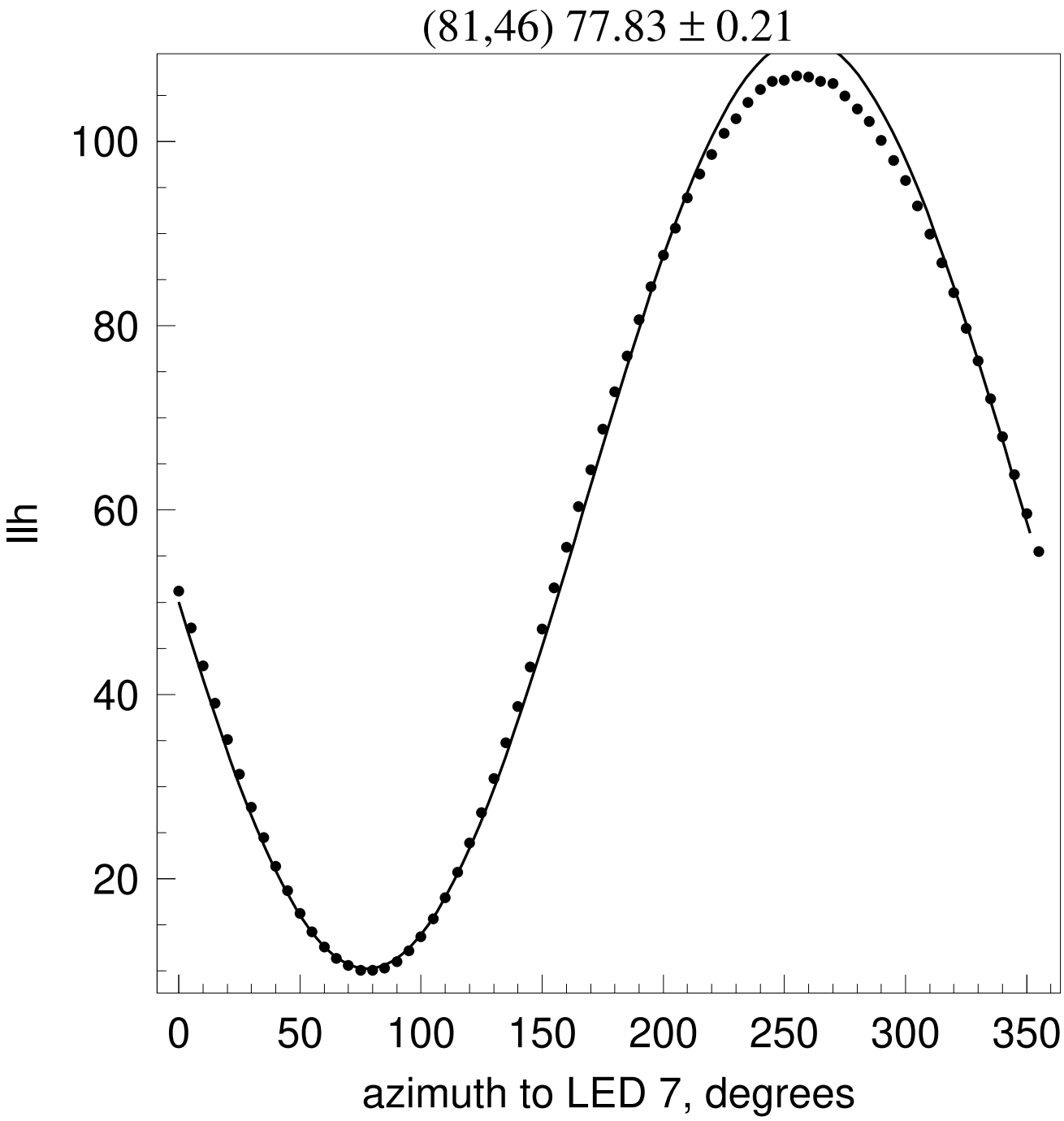

(81,41) 213.52 ± 0.71
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

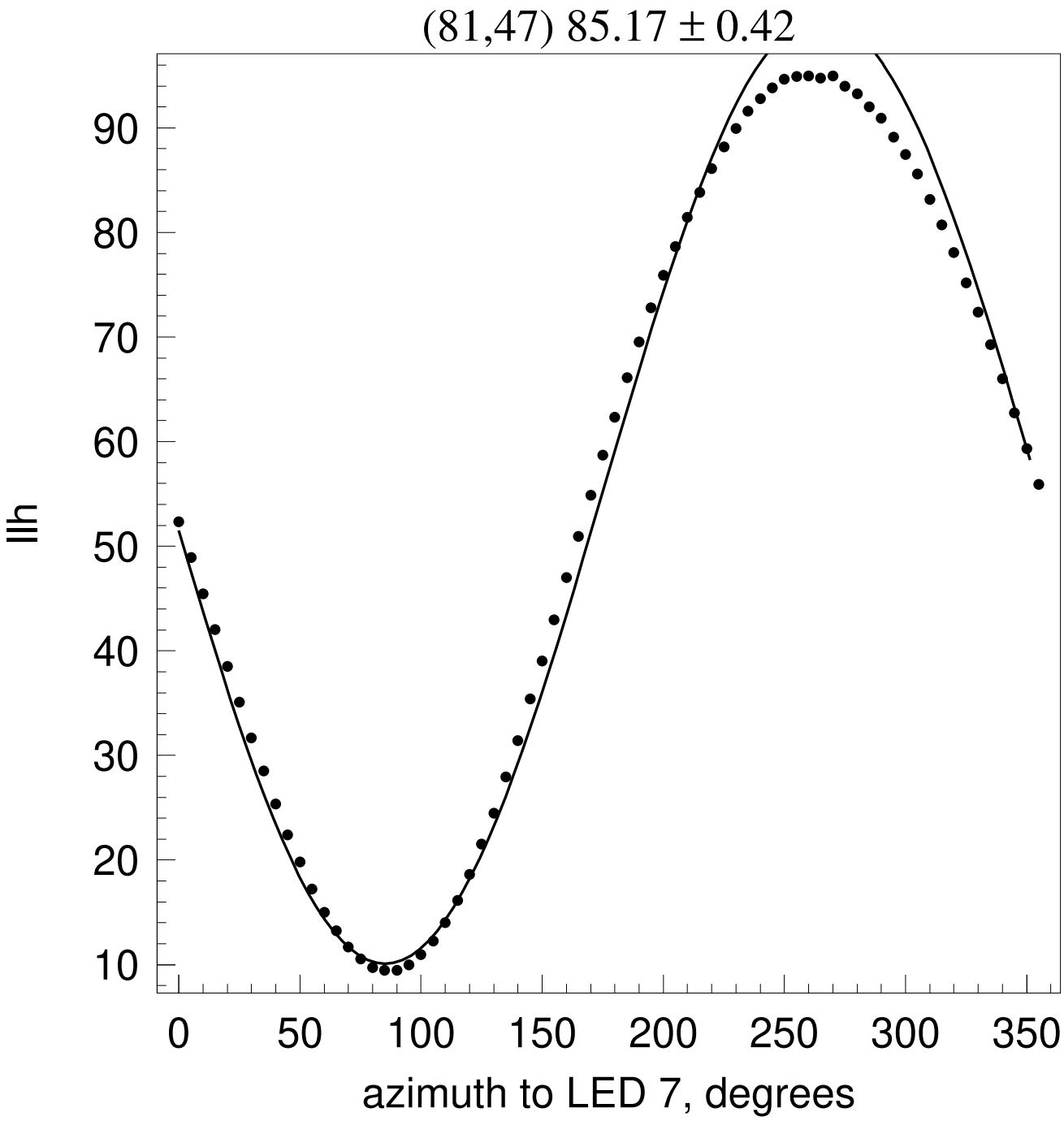

(81,42) 175.75 ± 0.61
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

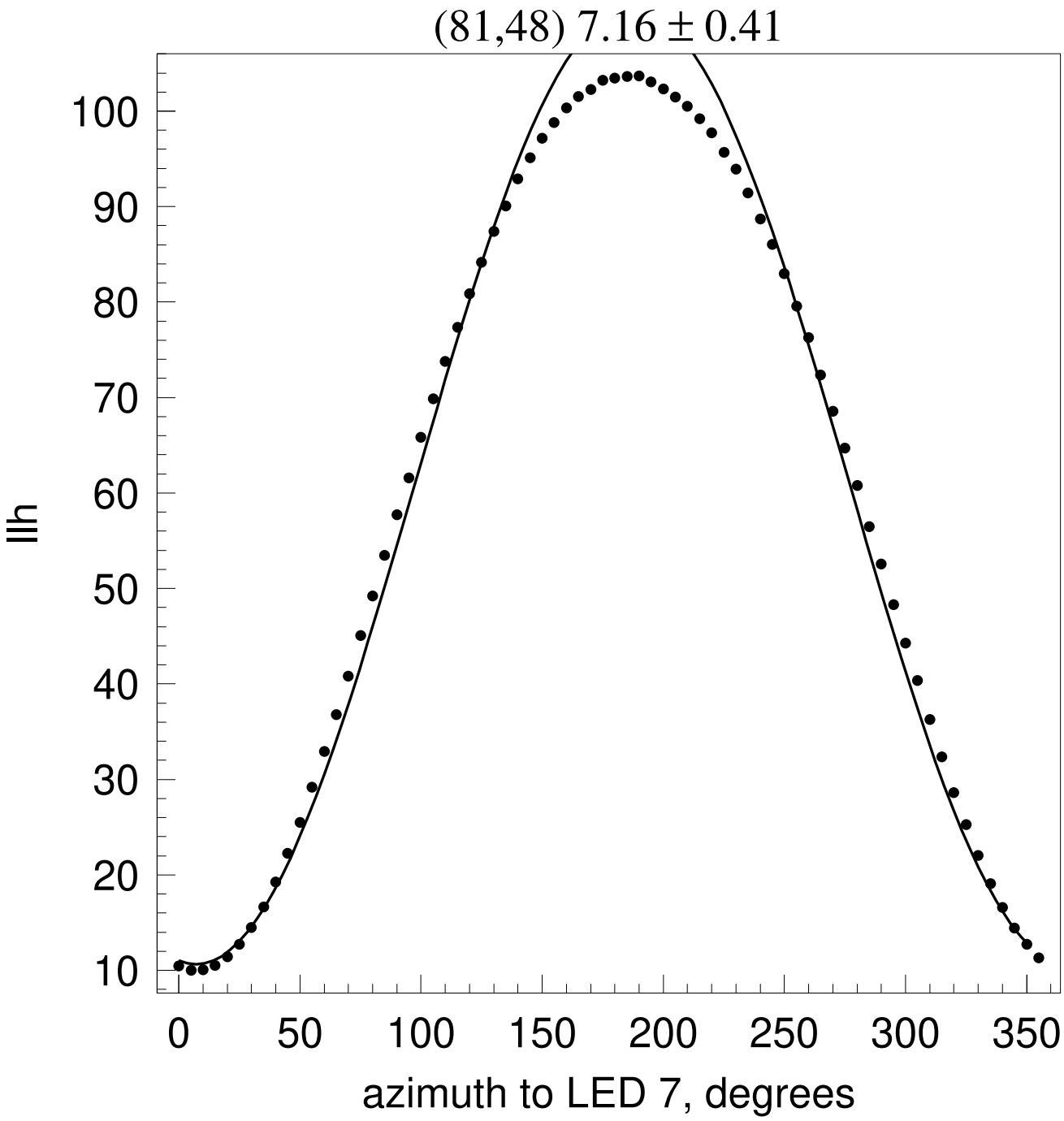

(81,43) 135.61 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

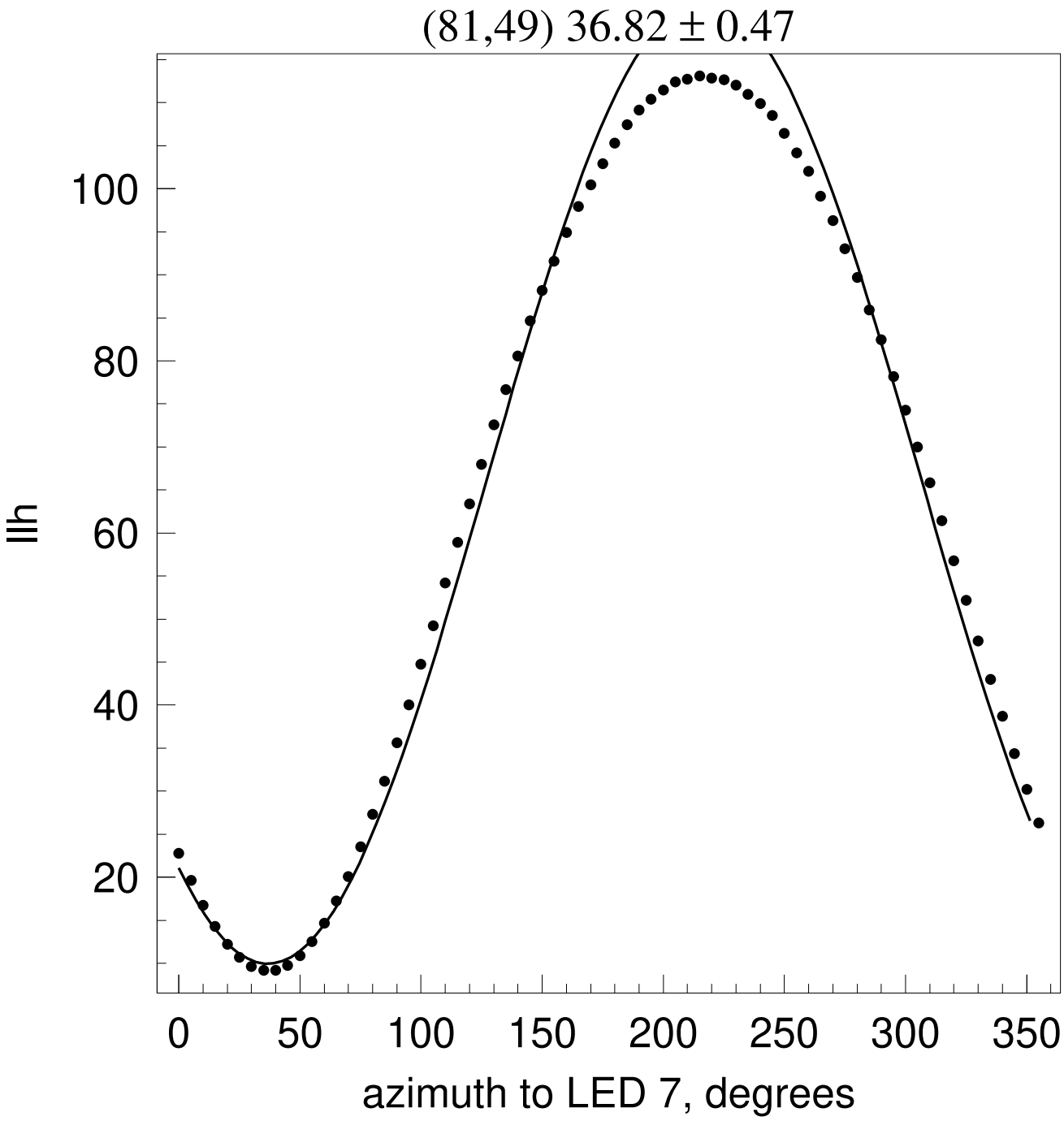

(81,44) 127.97 ± 0.45
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

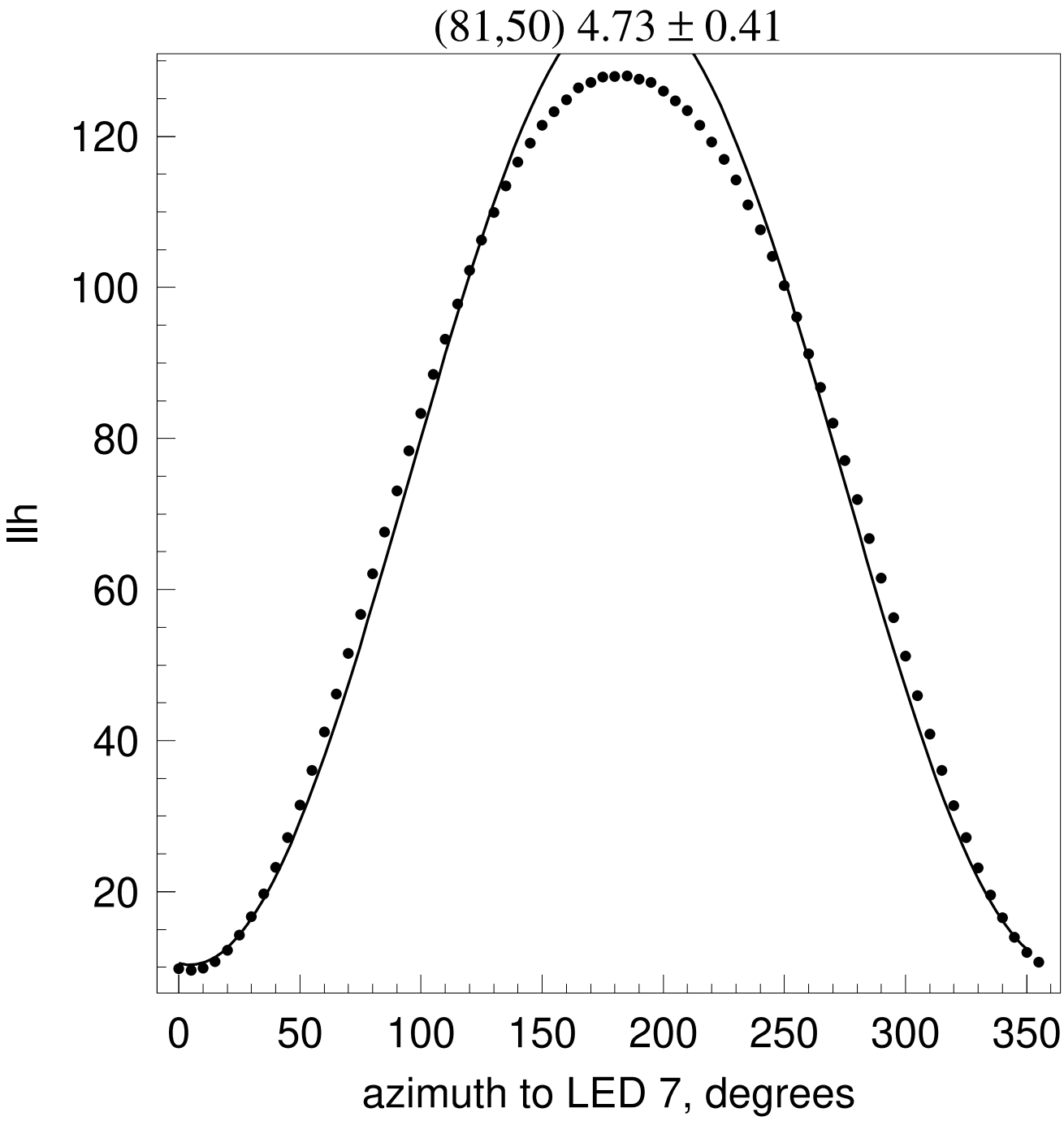

(81,45) 126.08 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

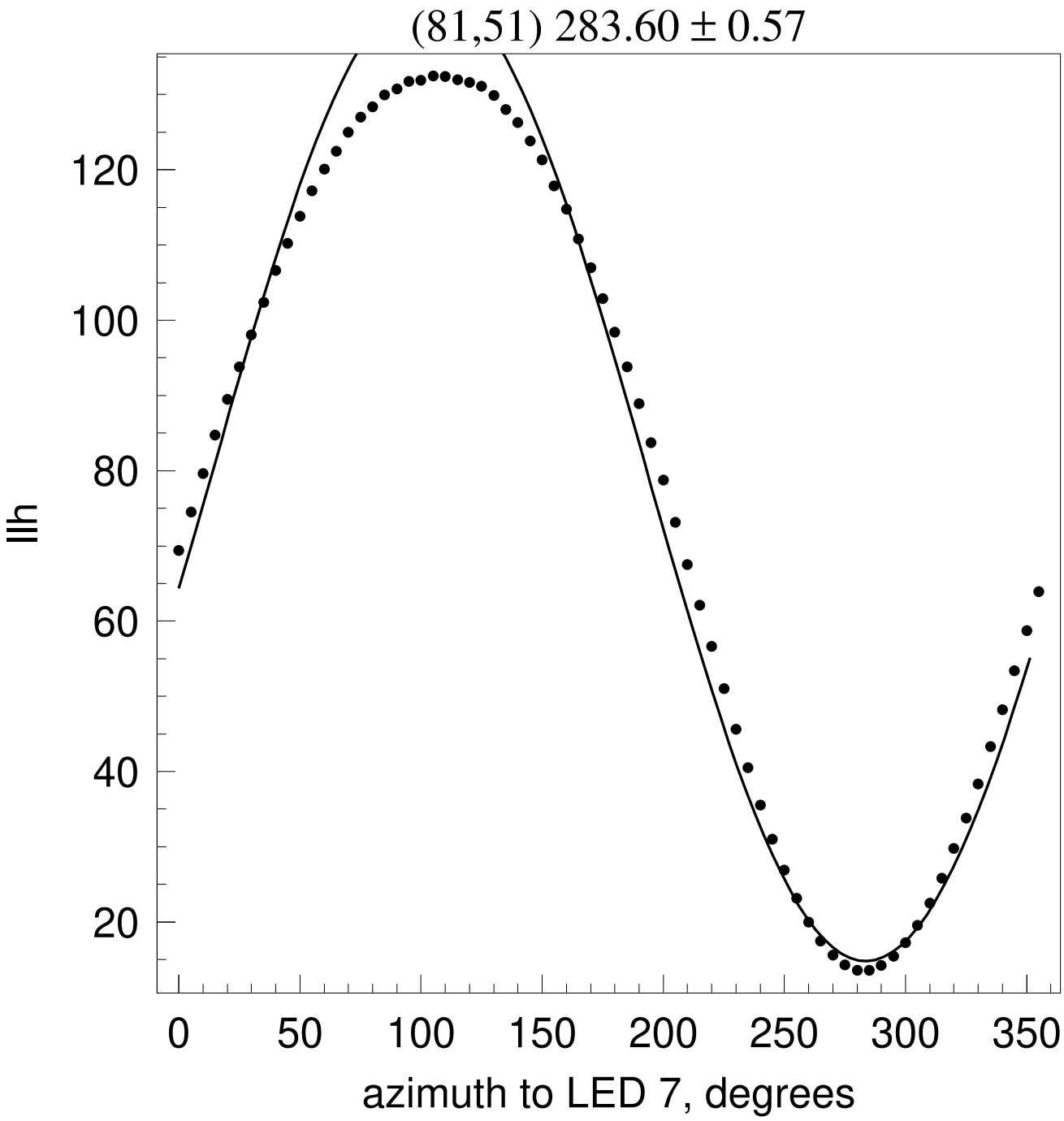

(81,46) 77.83 ± 0.21
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

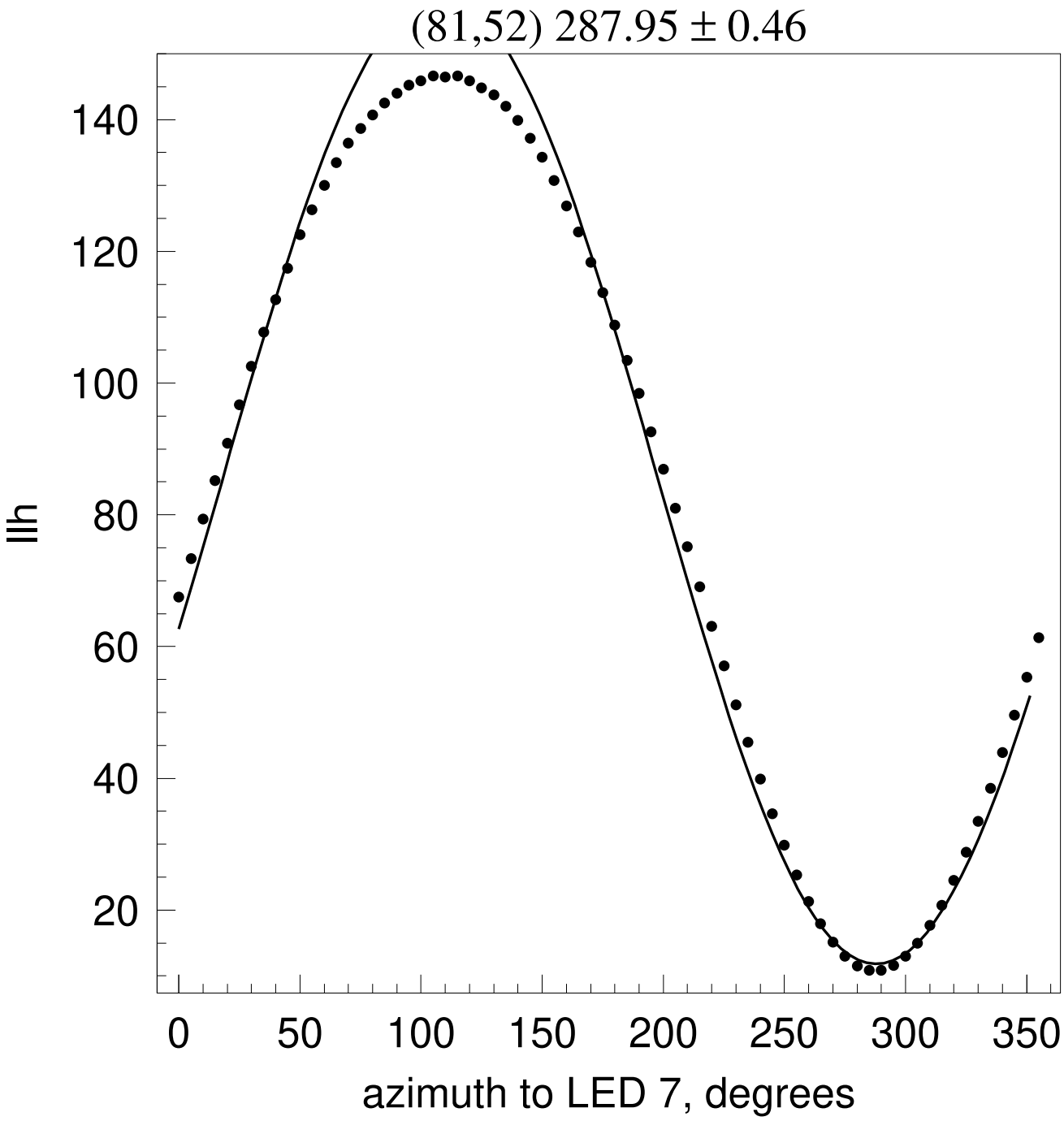

(81,47) 85.17 ± 0.42
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

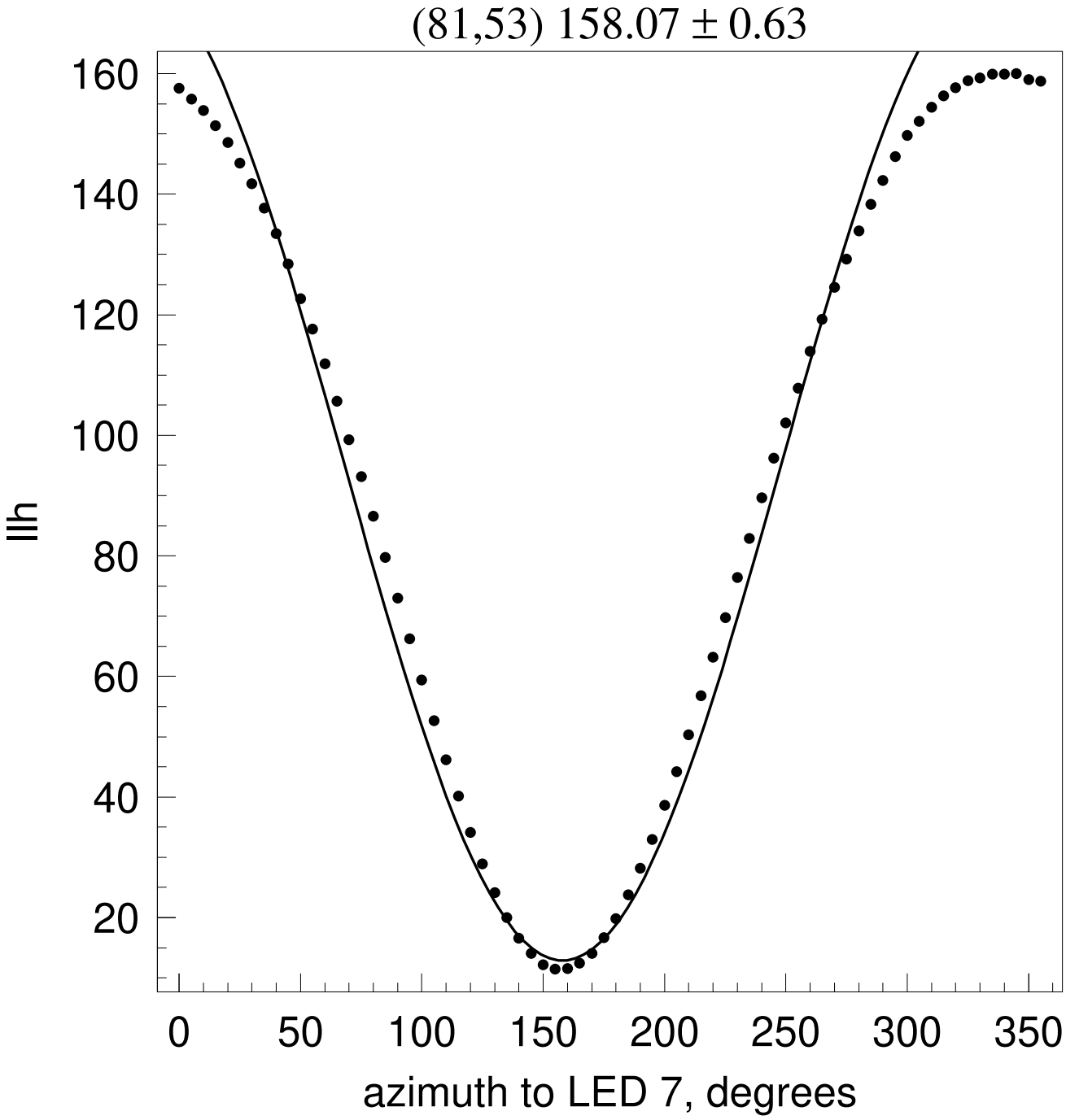

(81,48) 7.16 ± 0.41
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

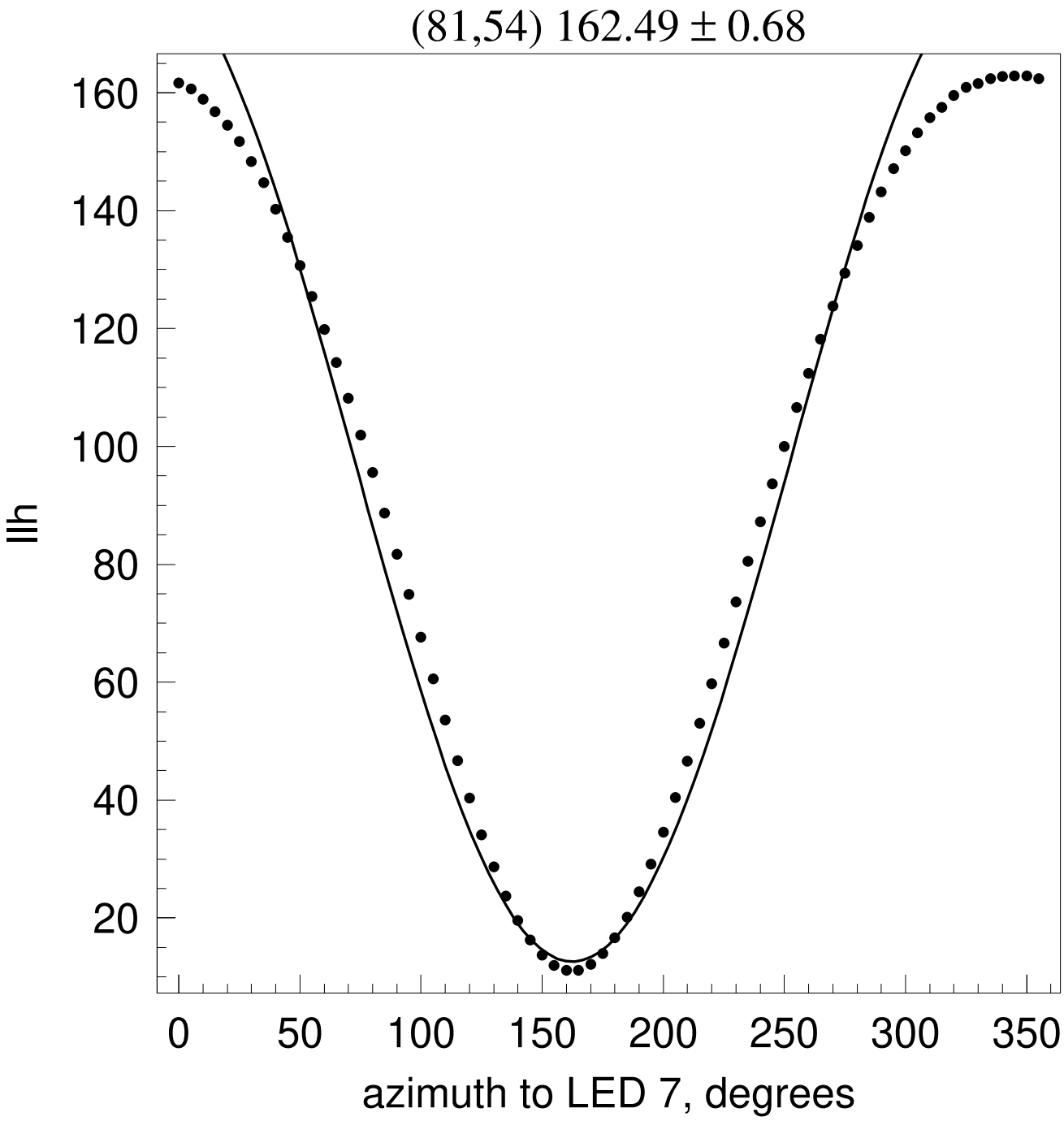

(81,49) 36.82 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

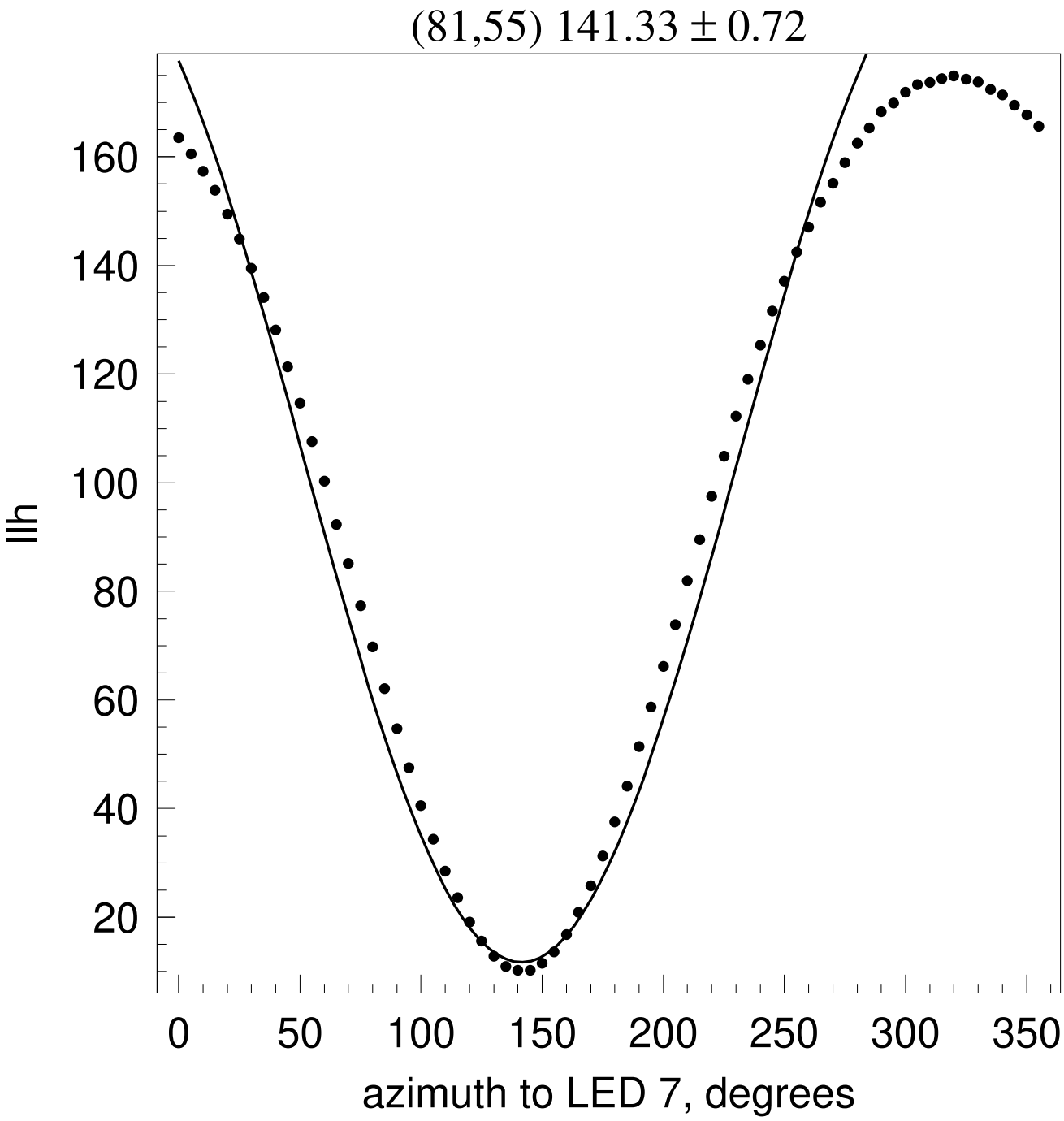

(81,50) 4.73 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

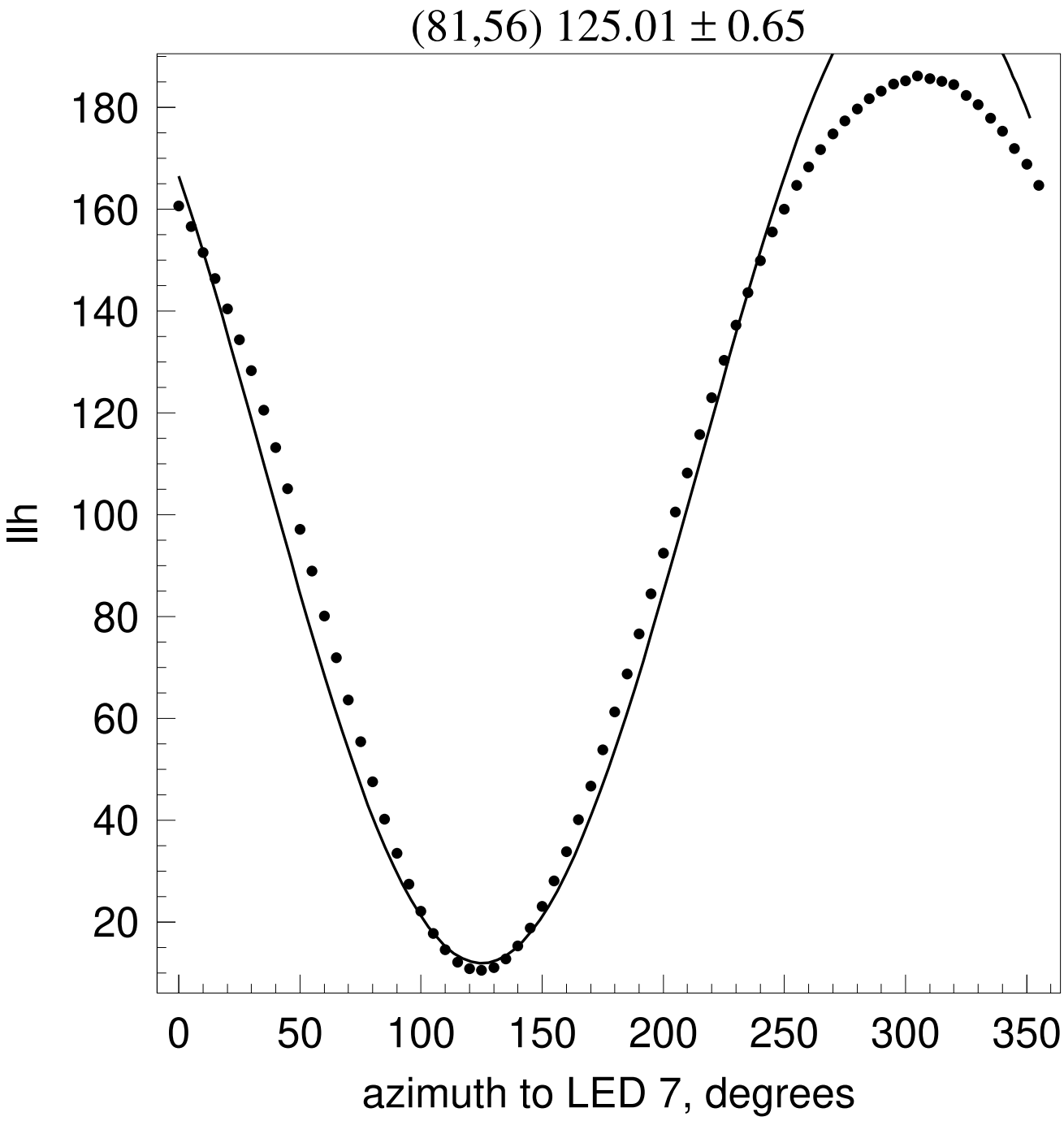

(81,51) 283.60 ± 0.57
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

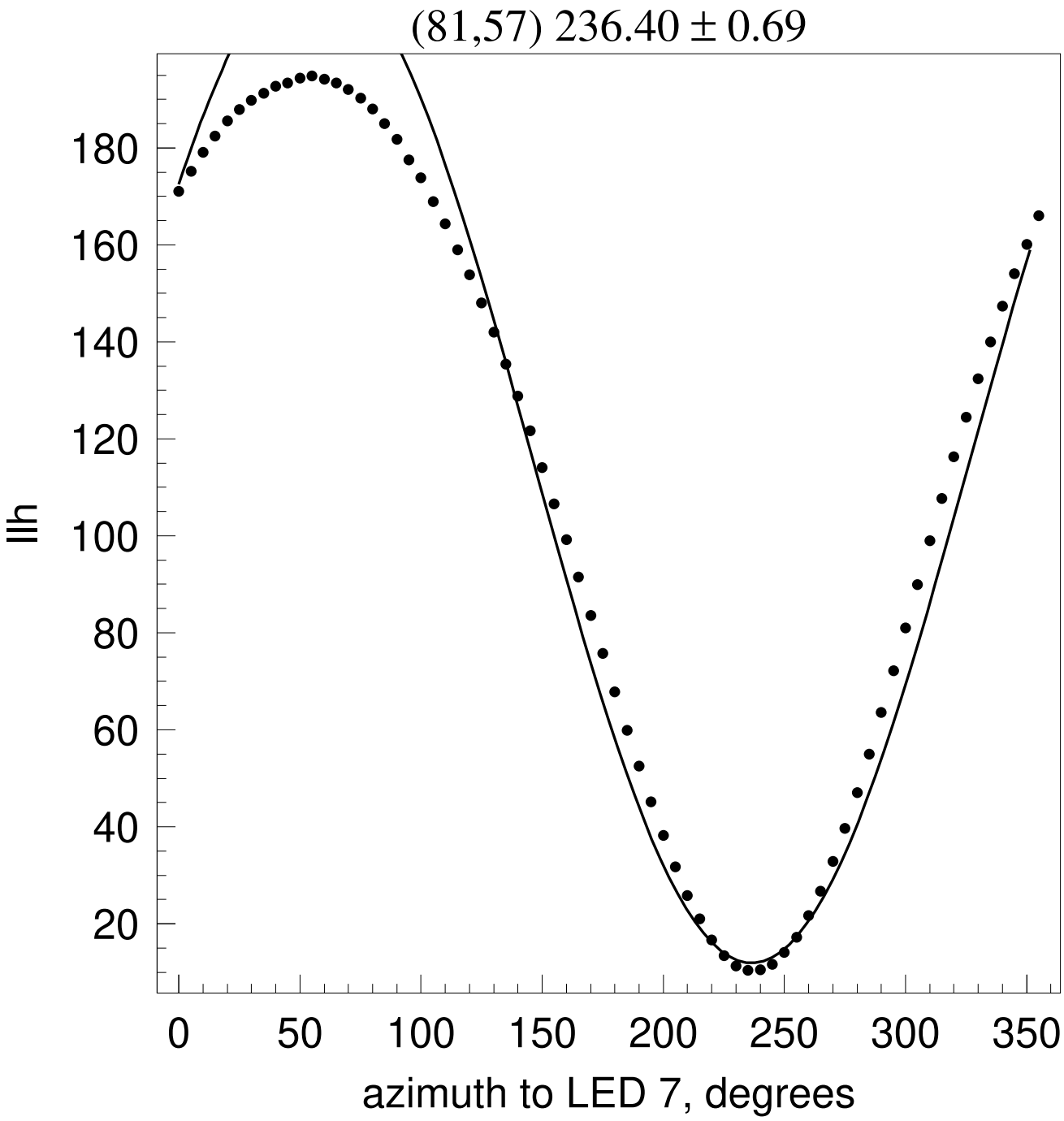

(81,52) 287.95 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

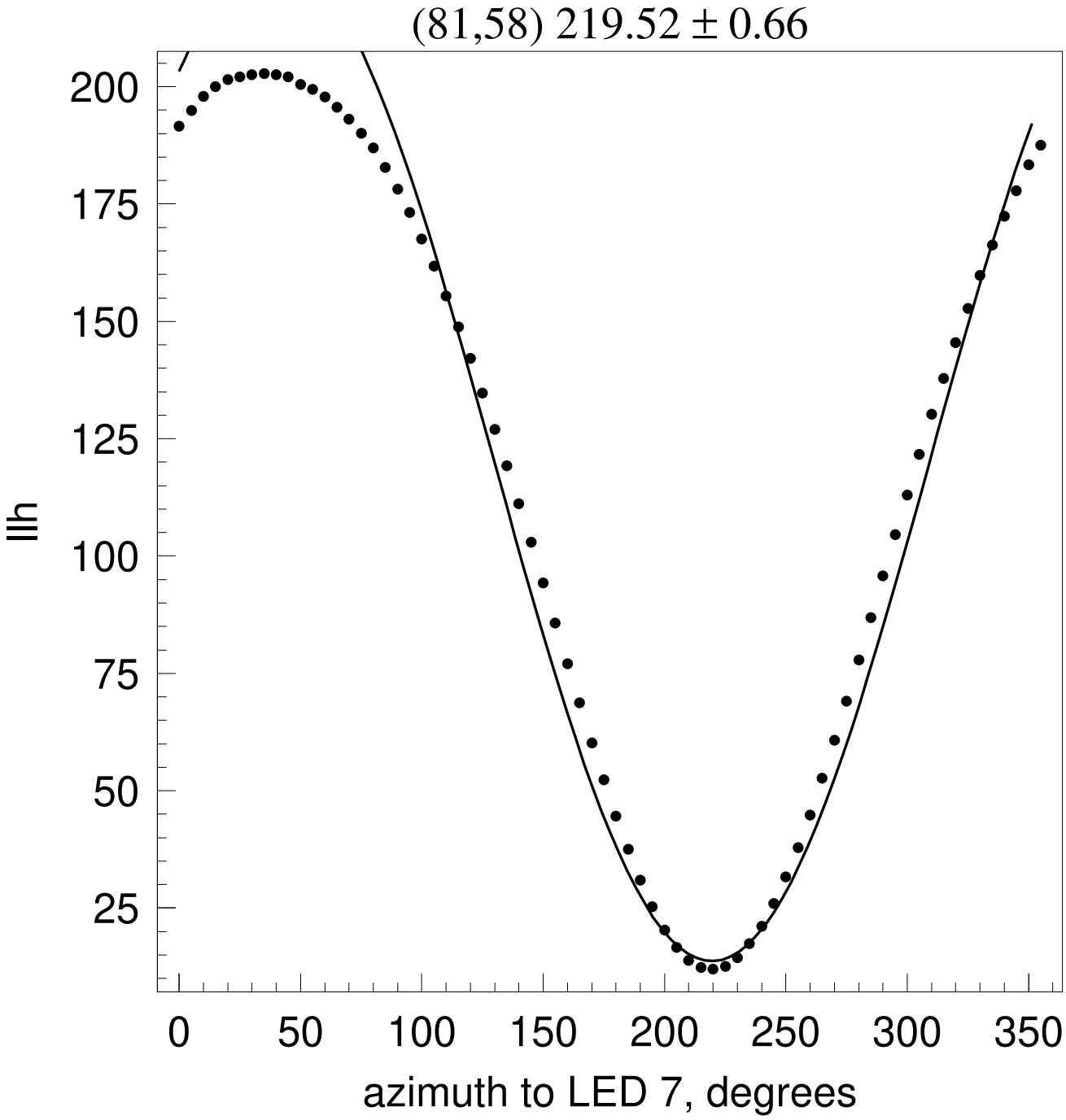

(81,53) 158.07 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

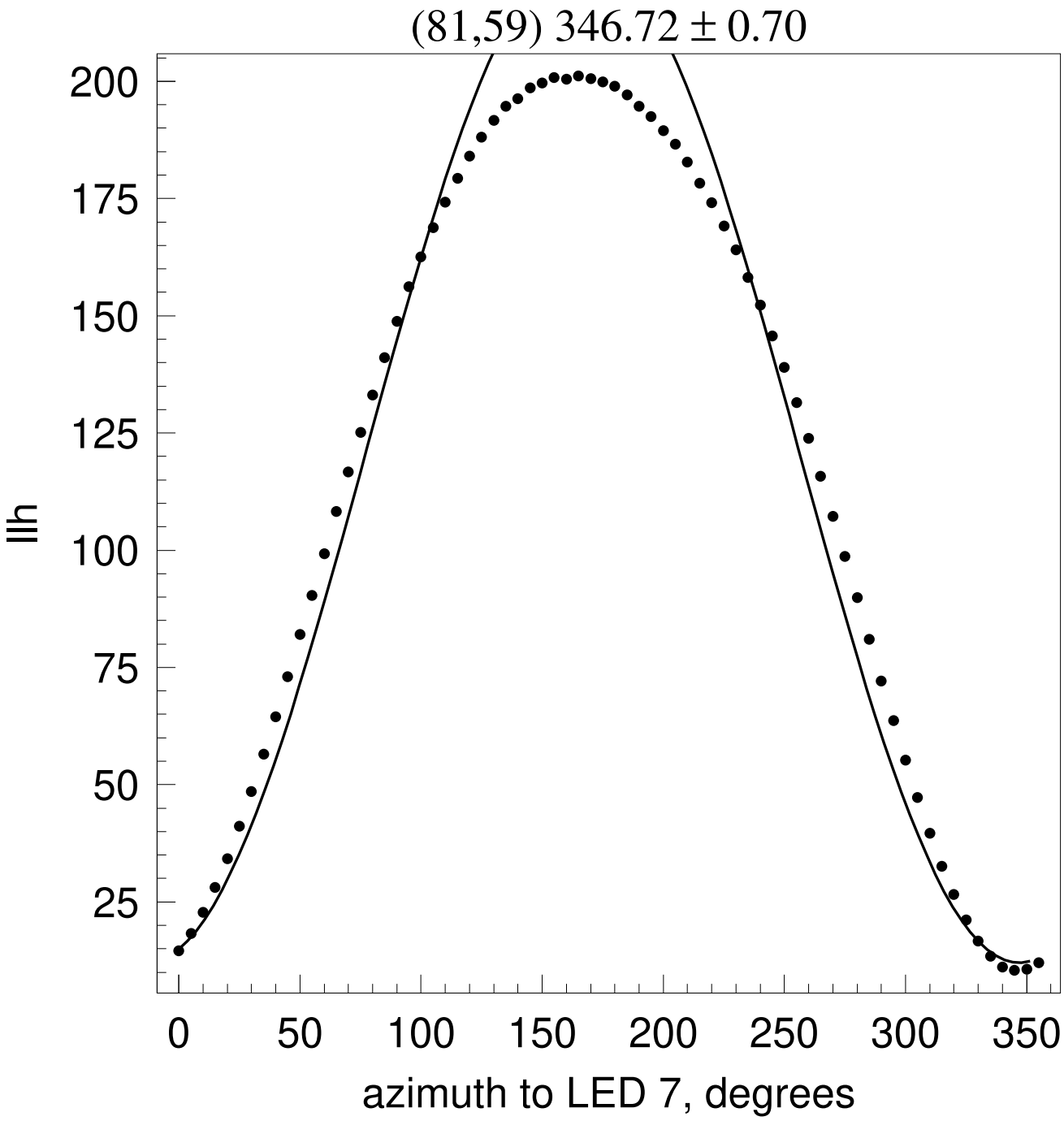

(81,54) 162.49 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

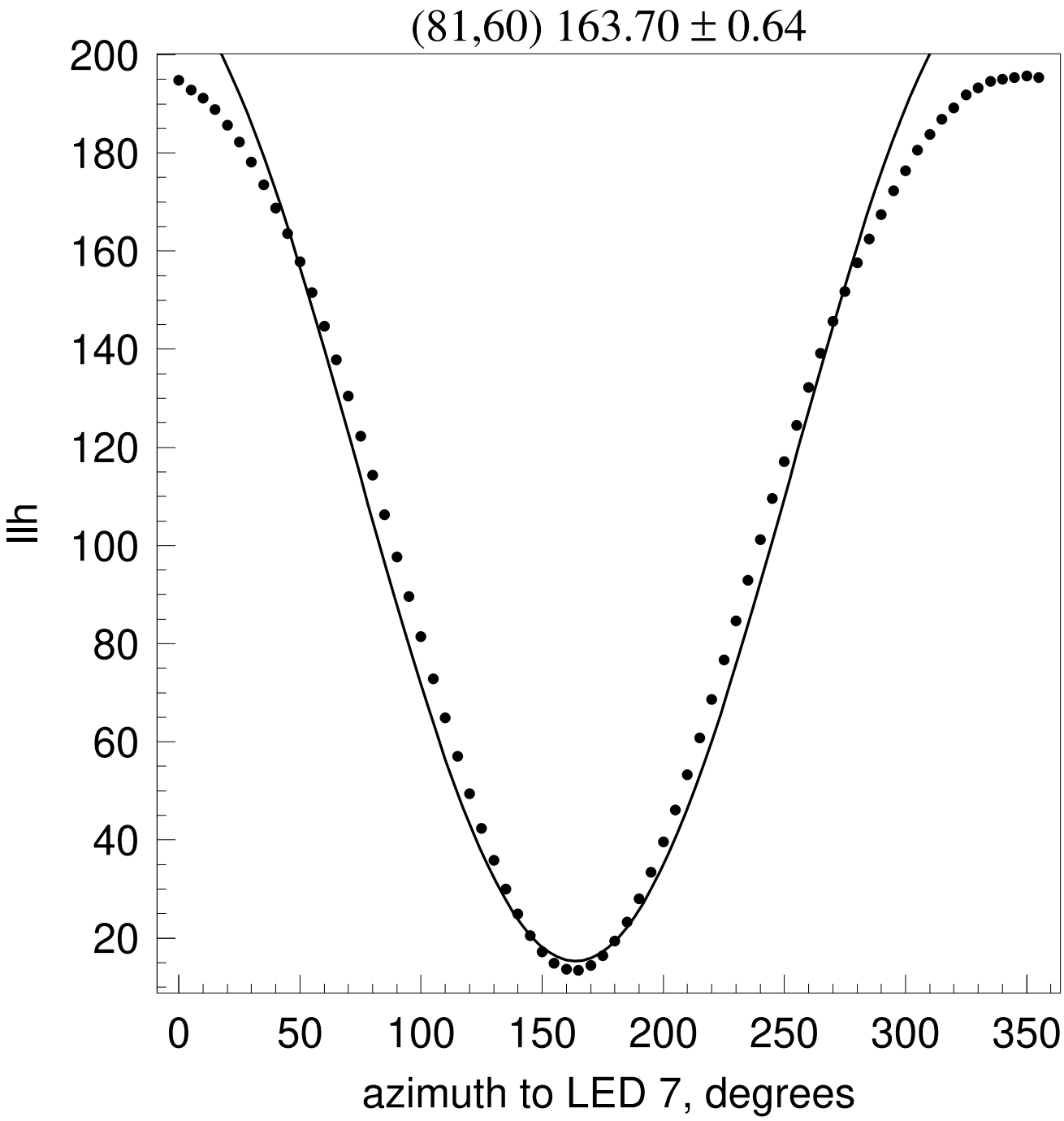

(81,55) 141.33 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

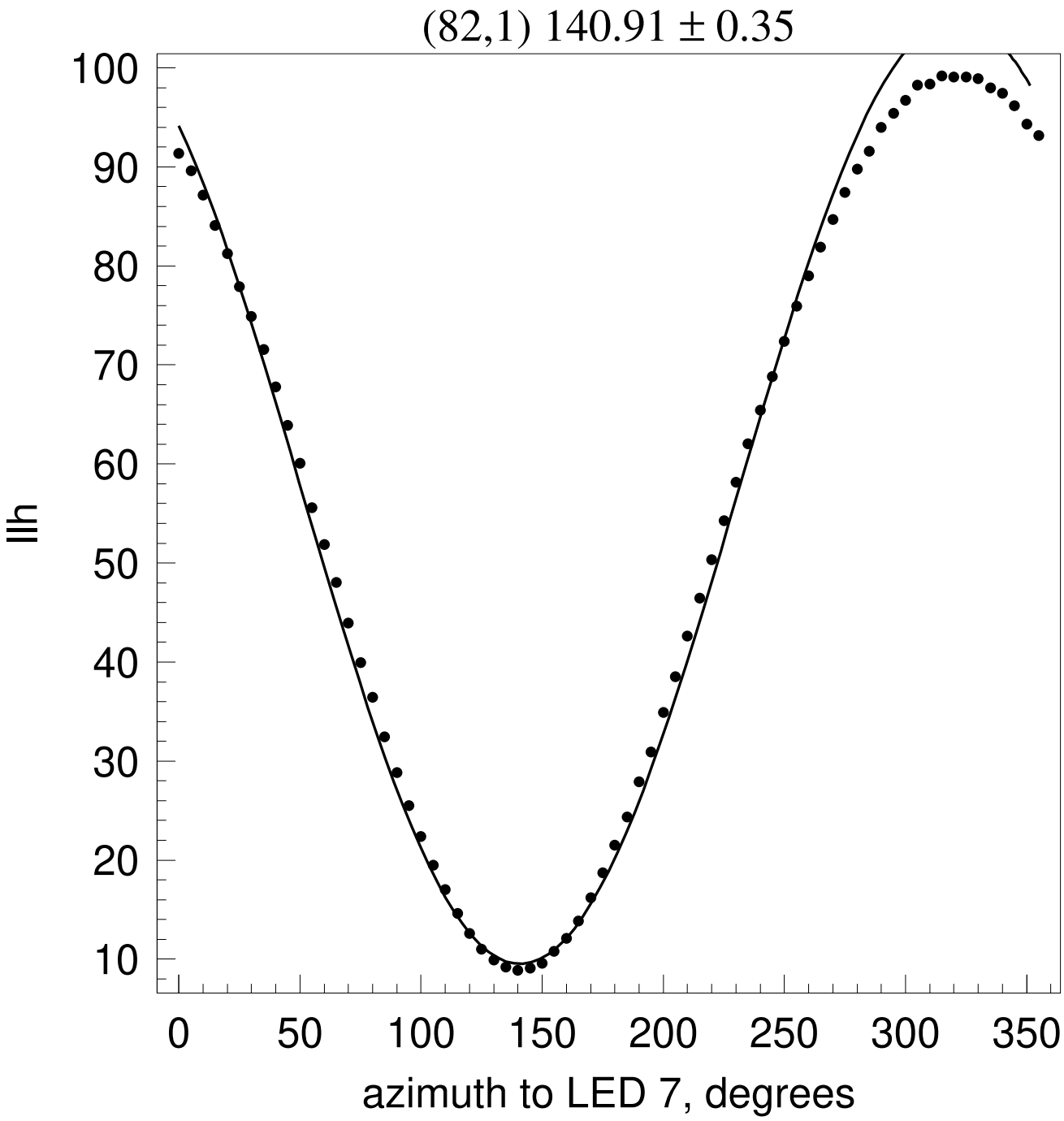

(81,56) 125.01 ± 0.65
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

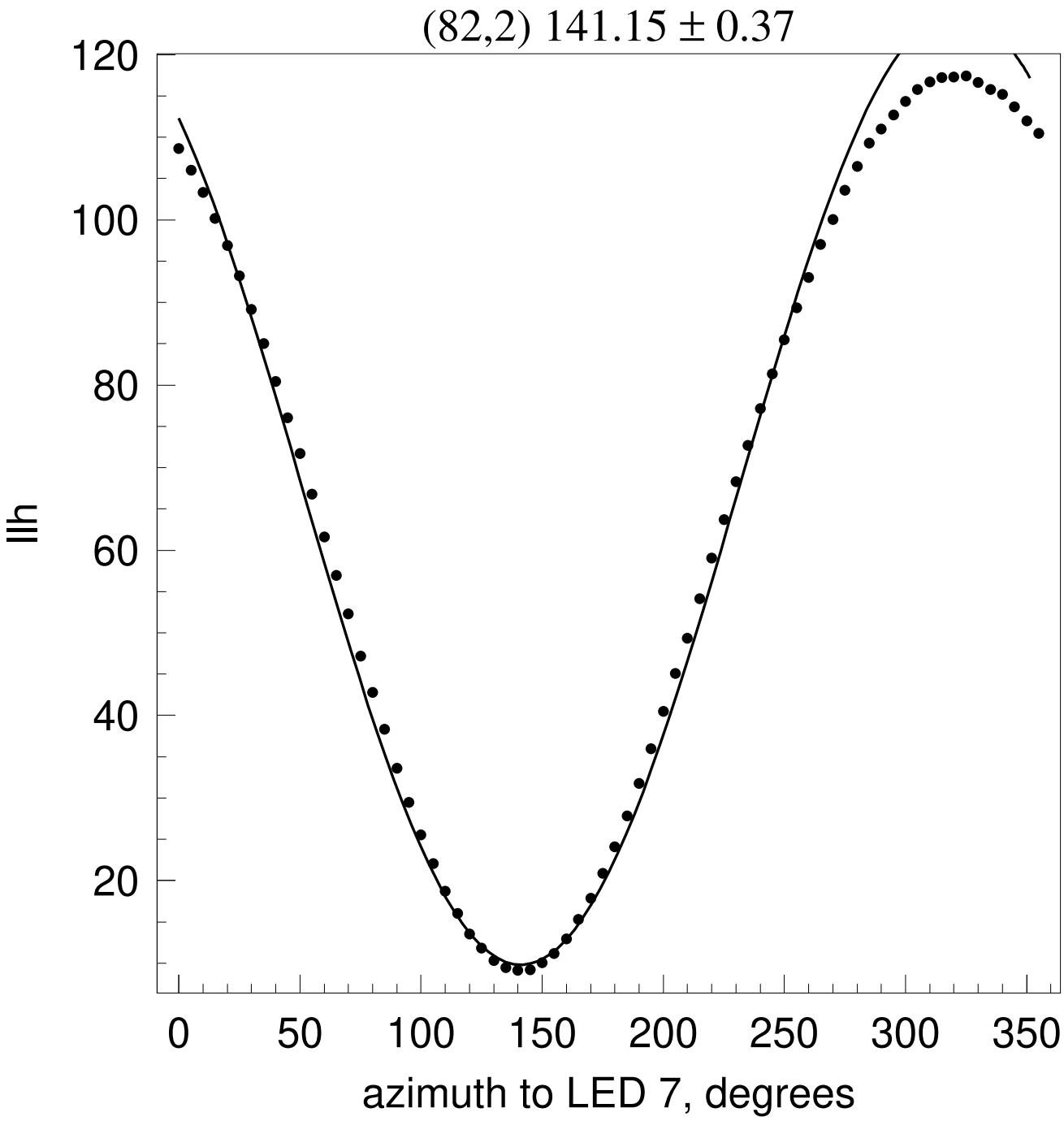

(81,57) 236.40 ± 0.69
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

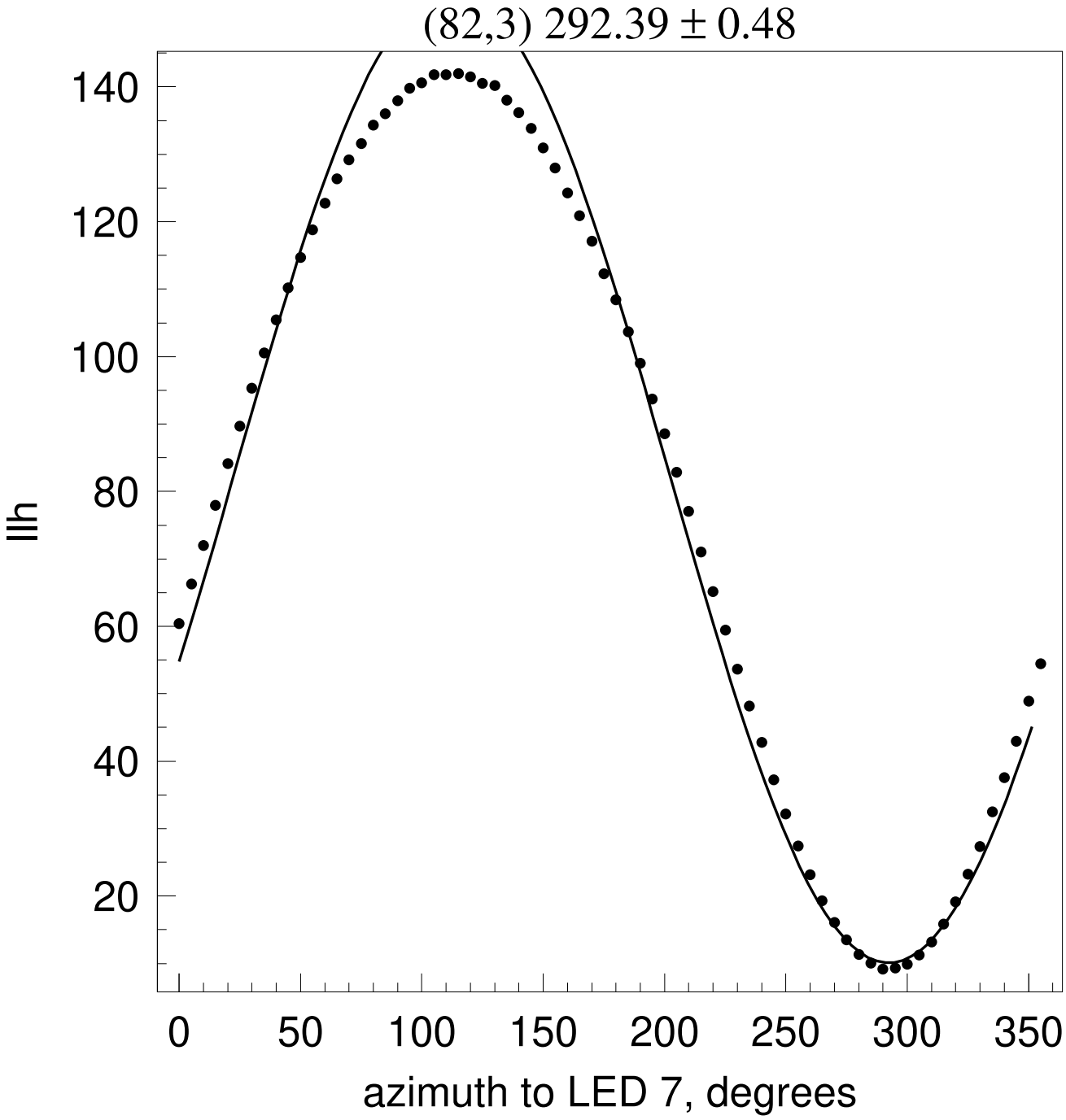

(81,58) 219.52 ± 0.66
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

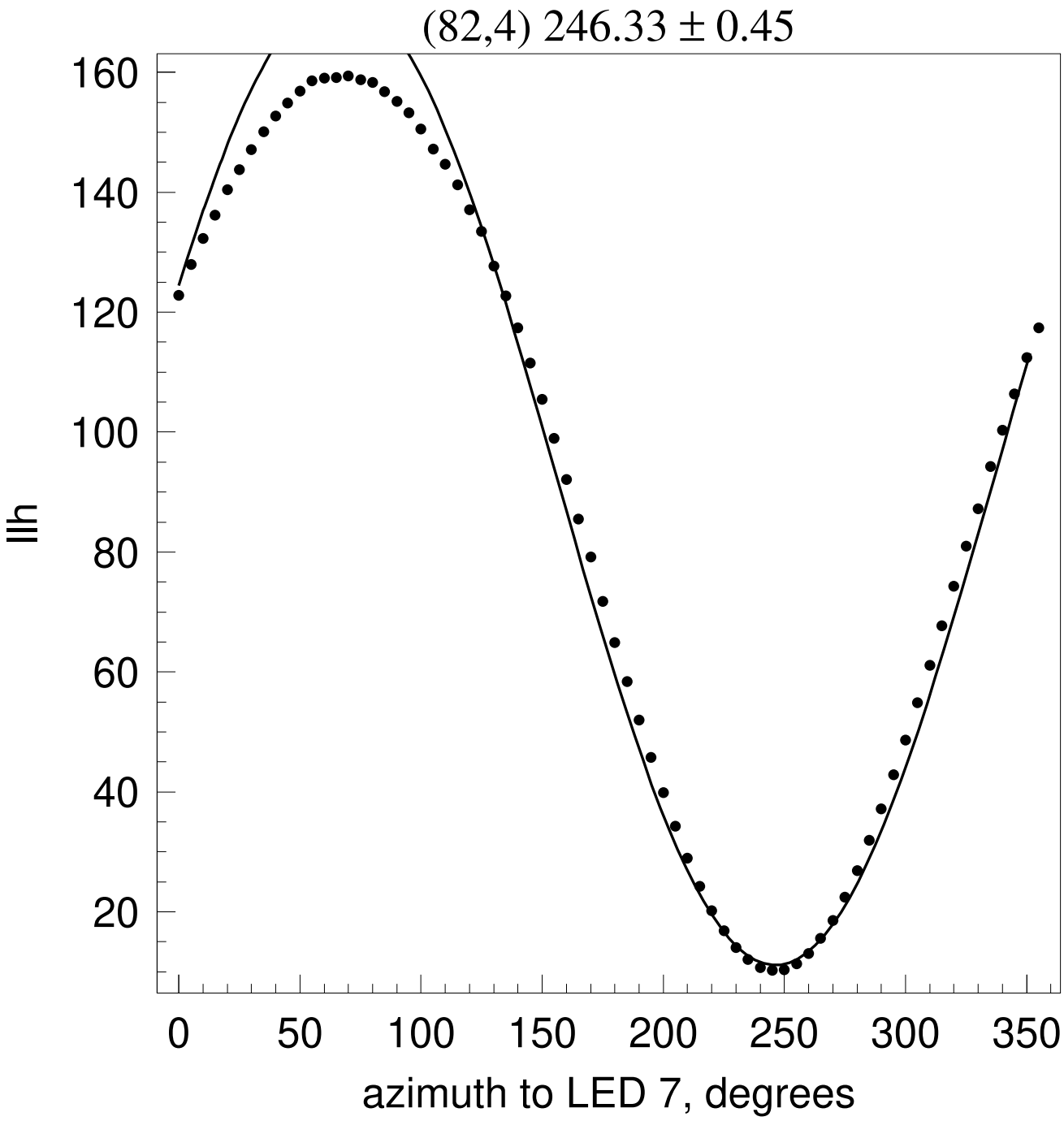

(81,59) 346.72 ± 0.70
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

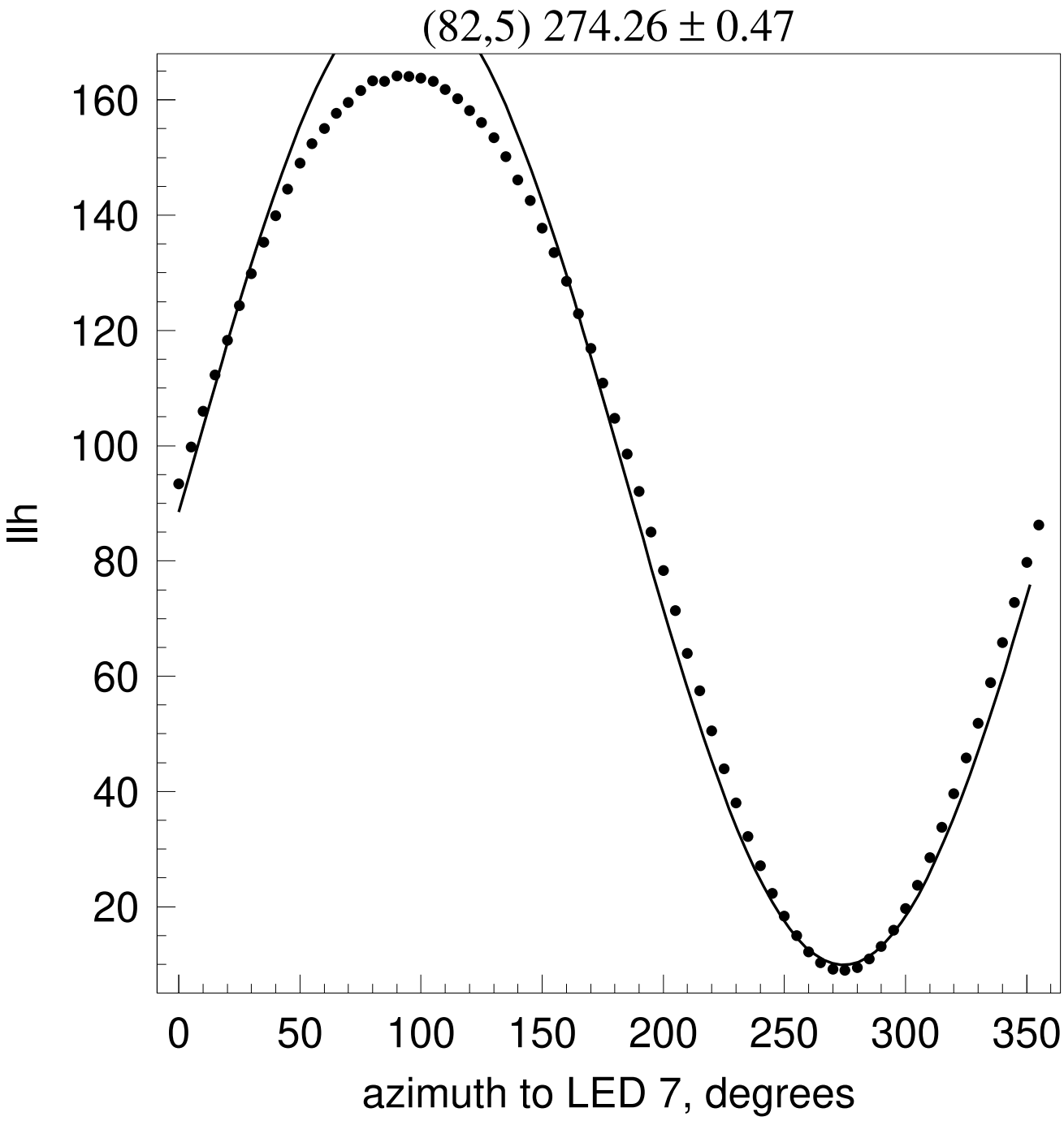

(81,60) 163.70 ± 0.64
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

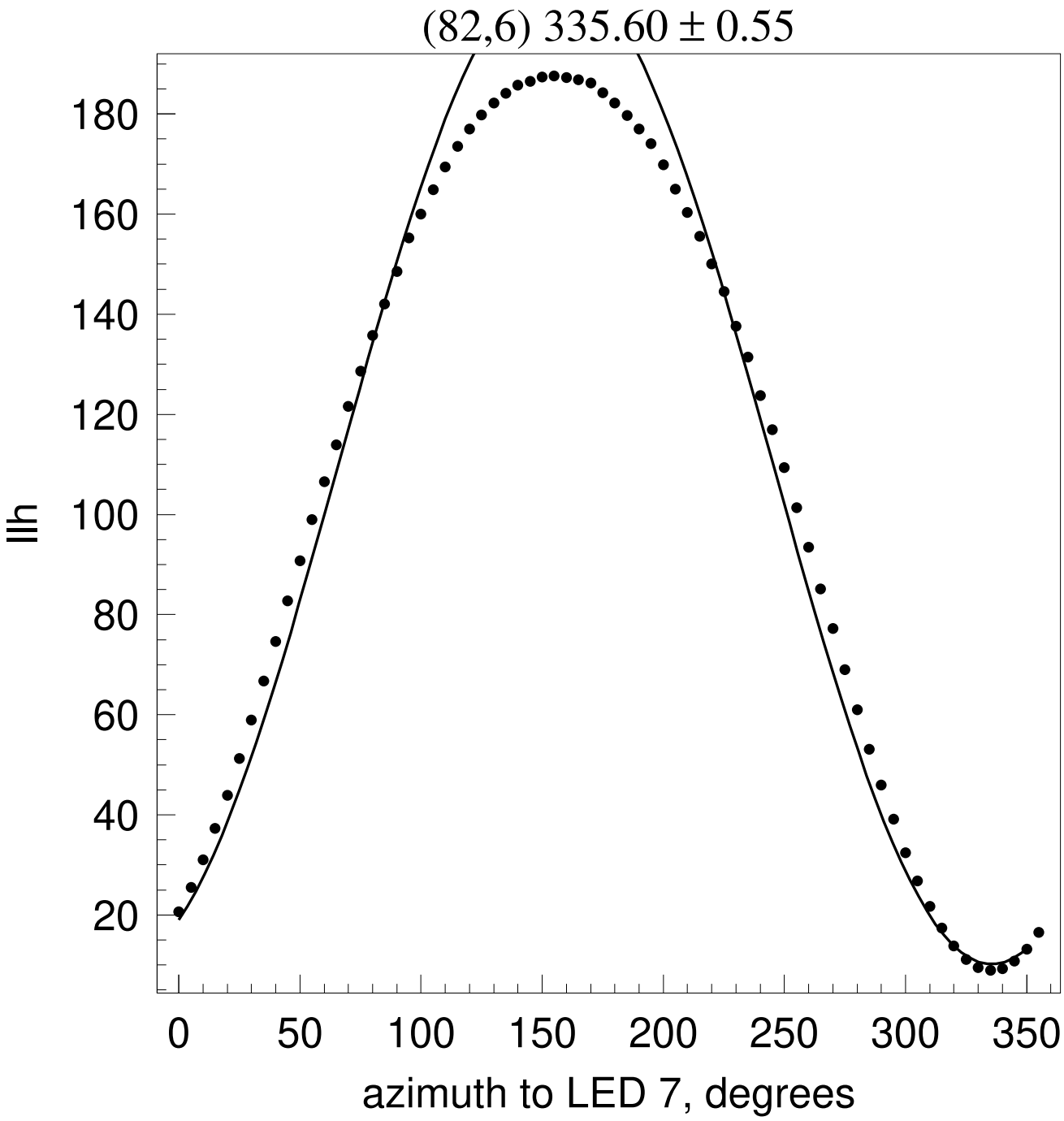

(82,1) 140.91 ± 0.35
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

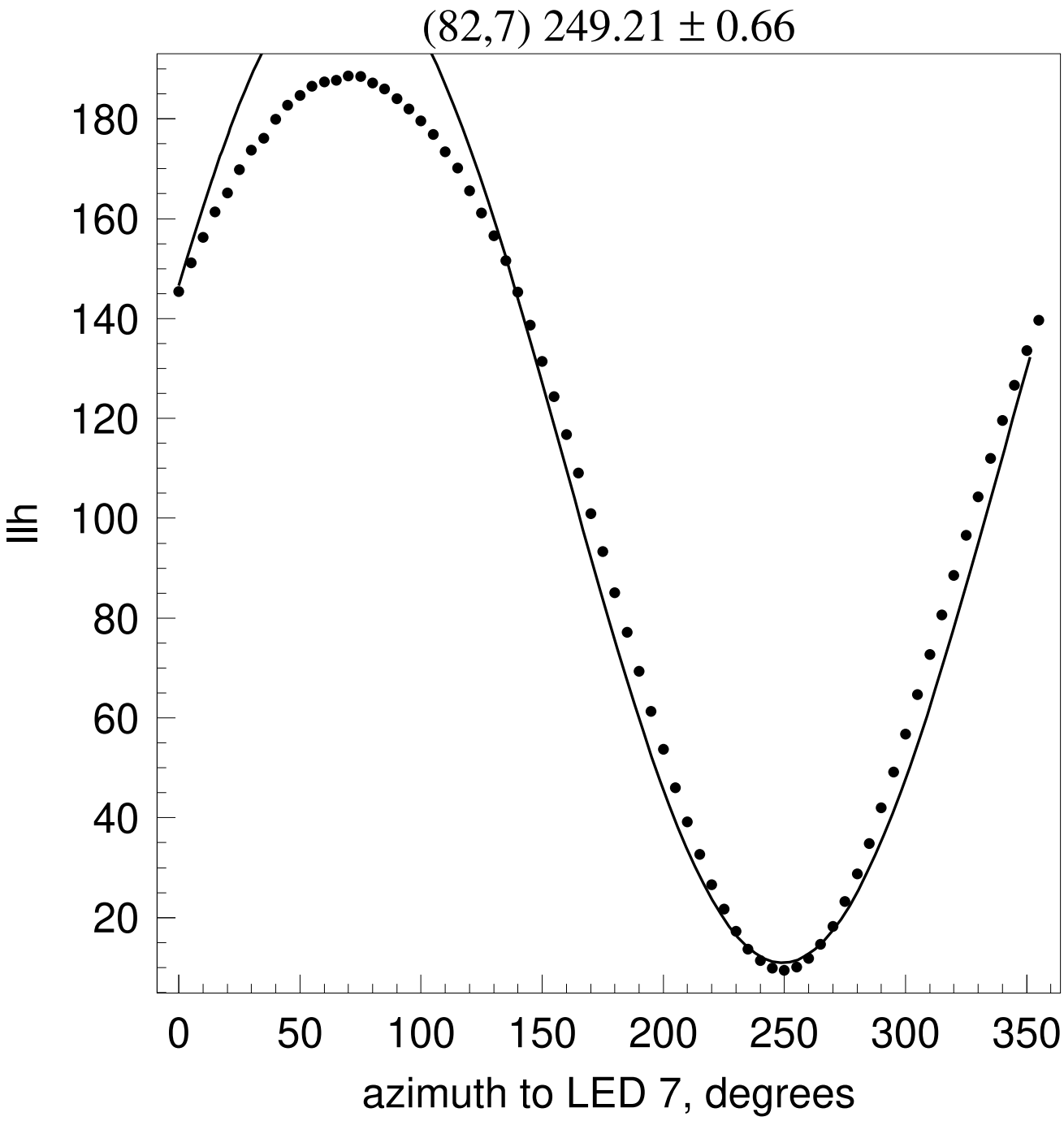

(82,2) 141.15 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

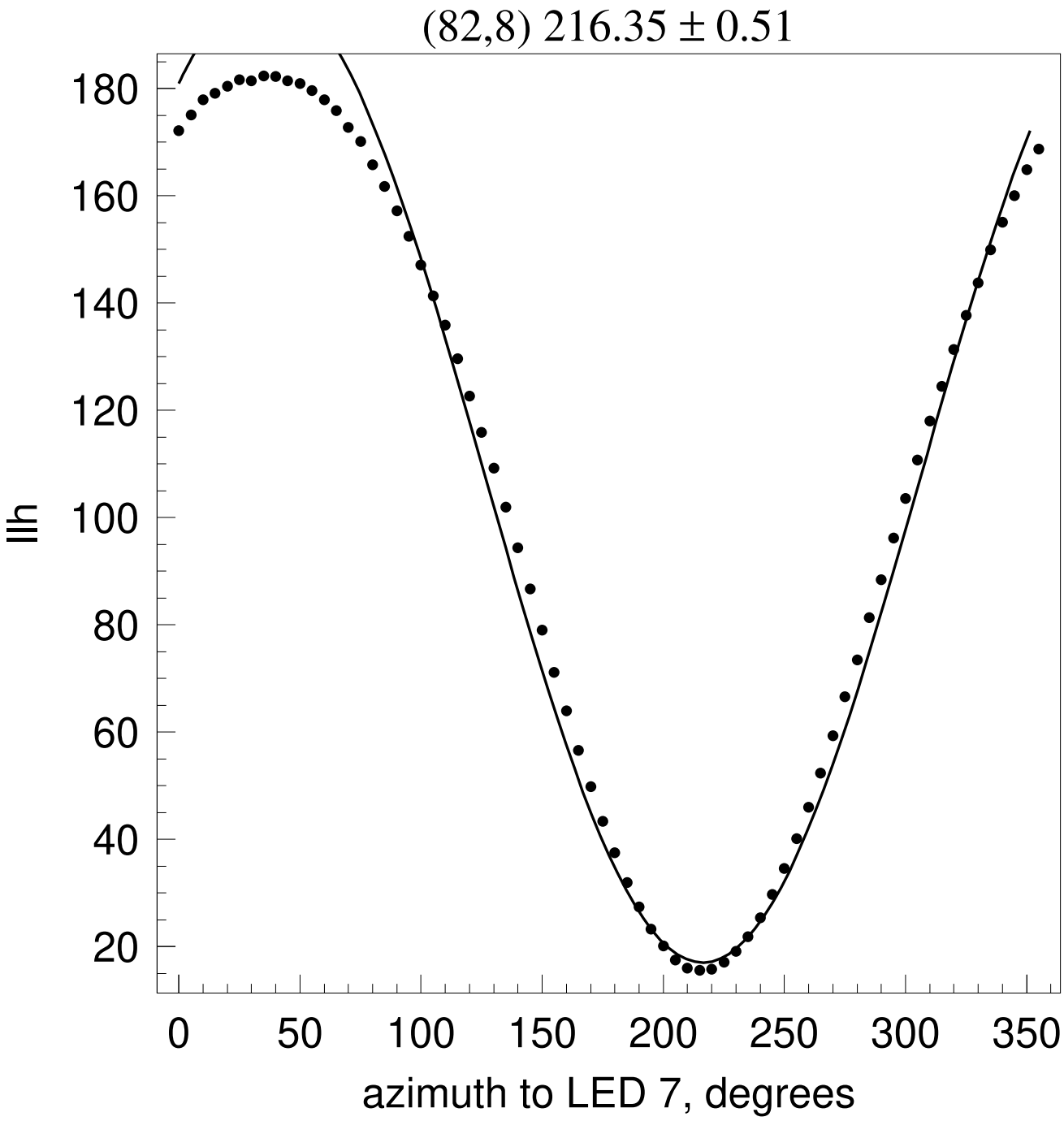

(82,3) 292.39 ± 0.48
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

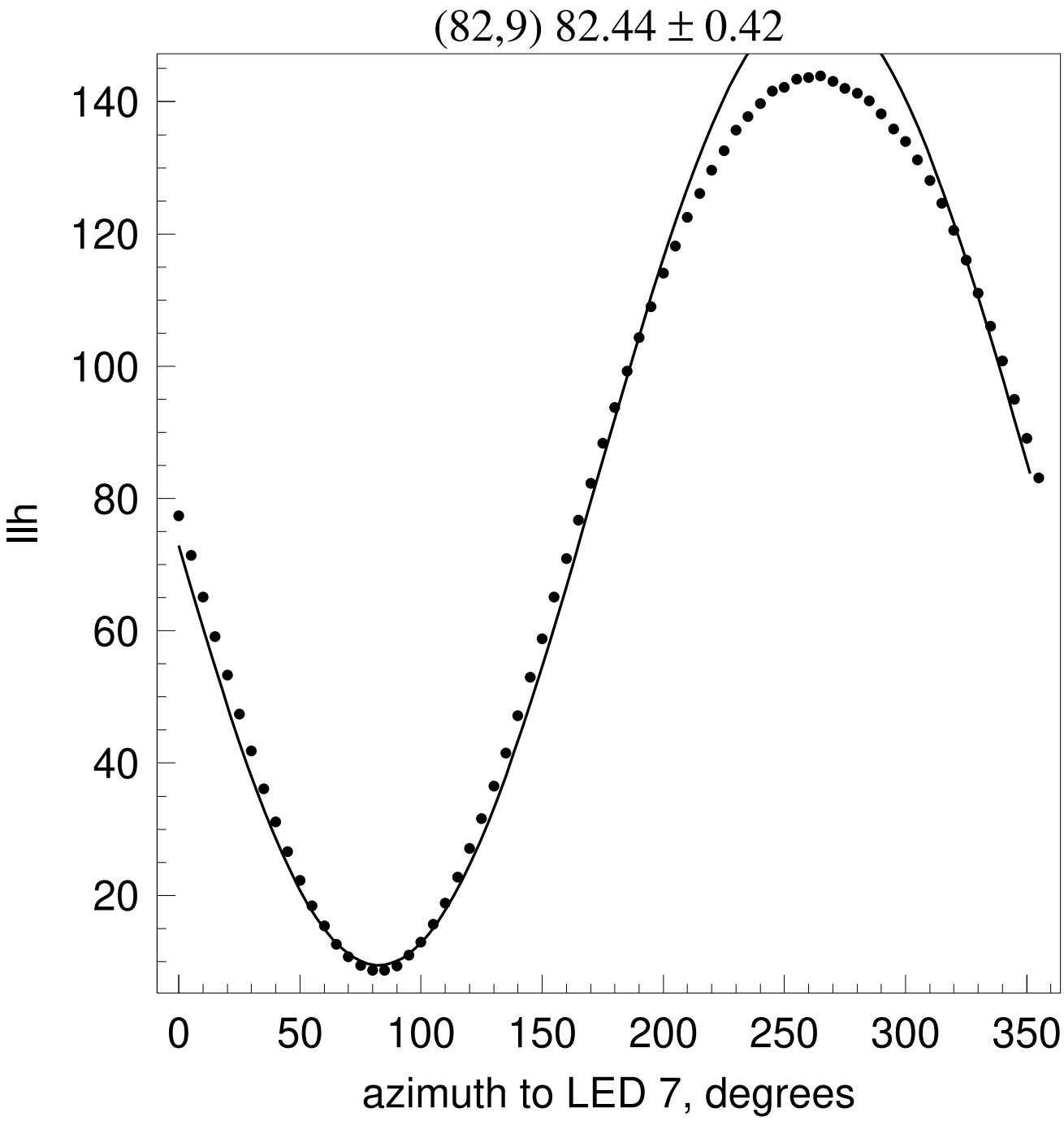

(82,4) 246.33 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

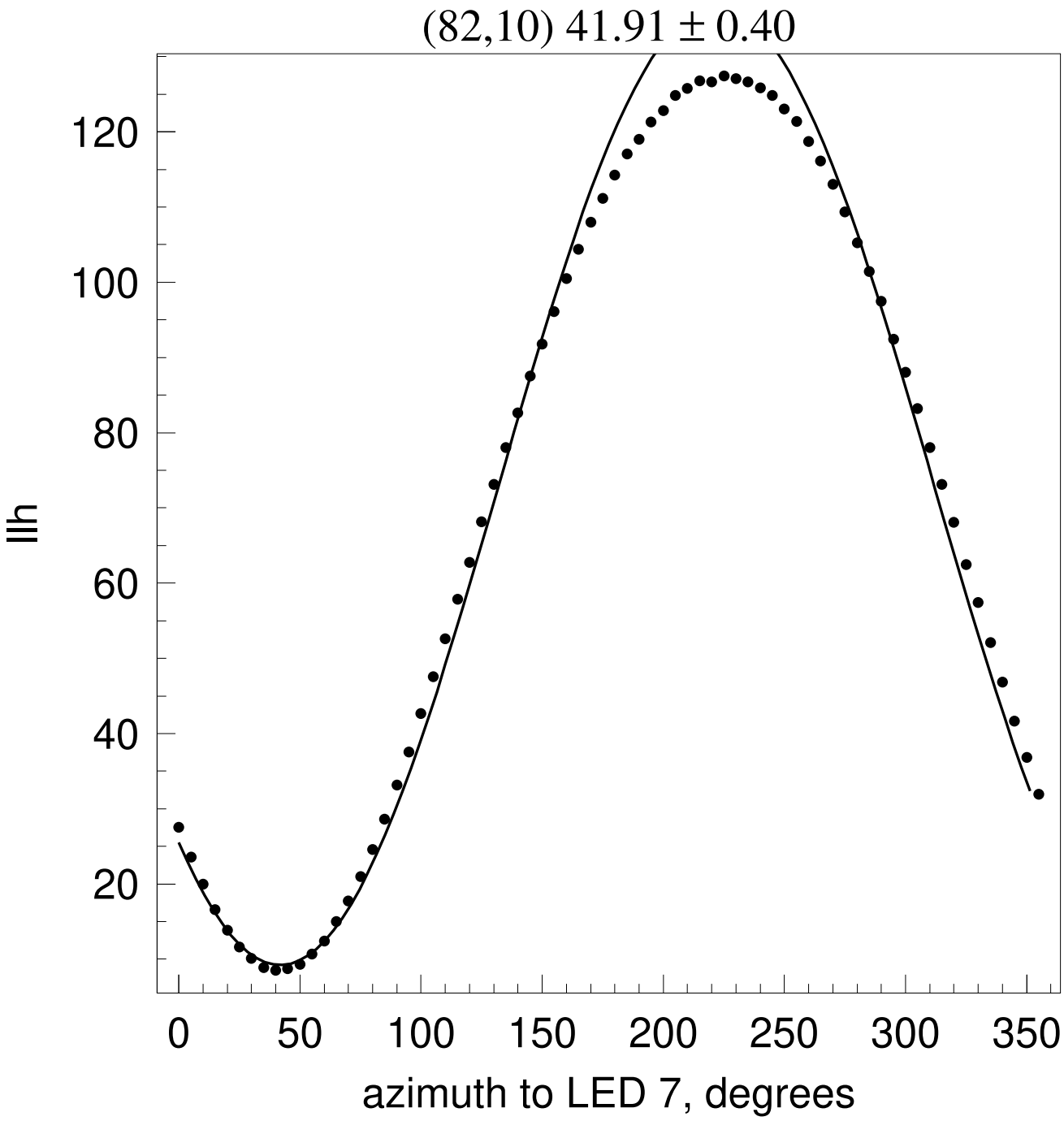

(82,5) 274.26 ± 0.47
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

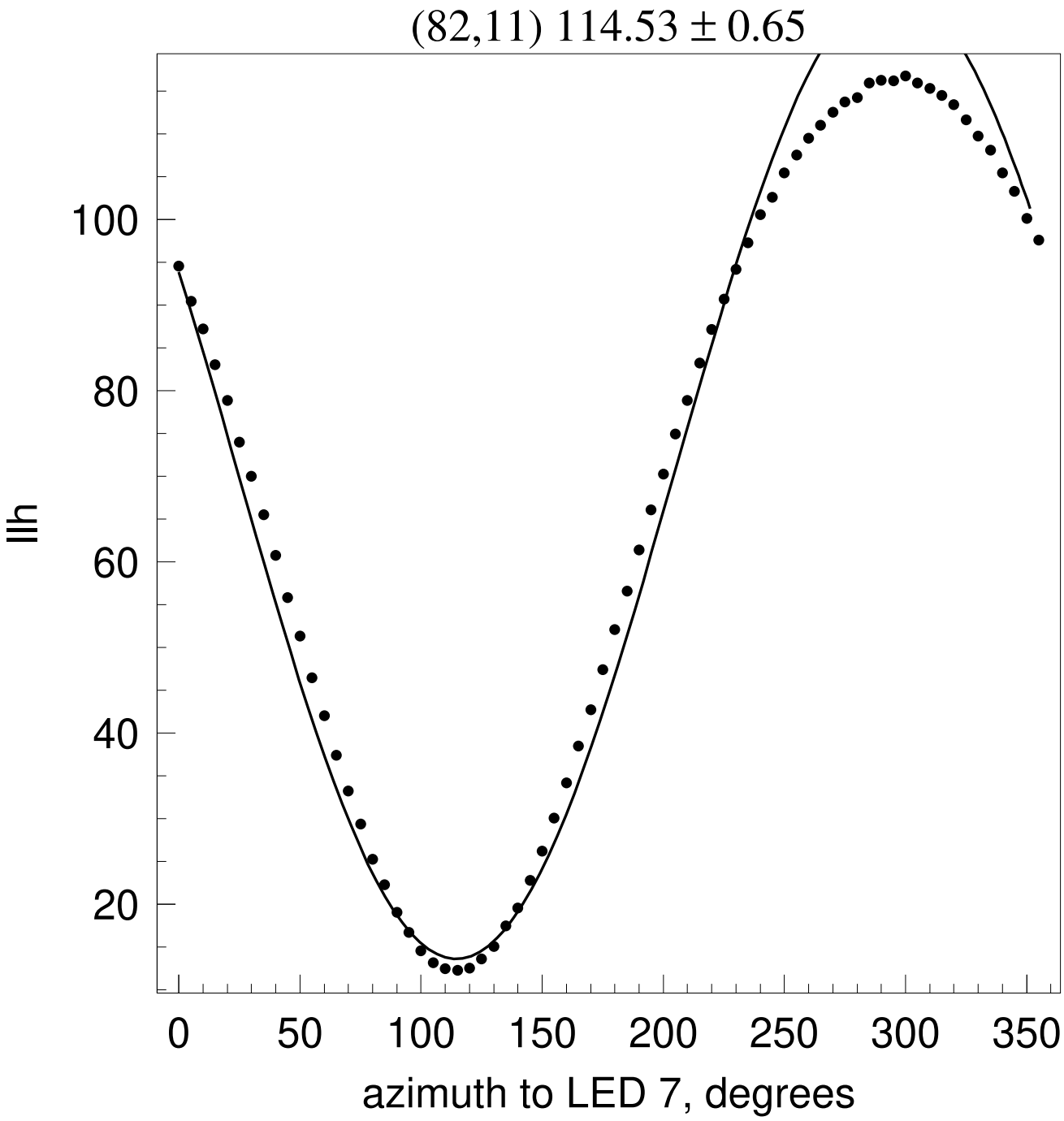

(82,6) 335.60 ± 0.55
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

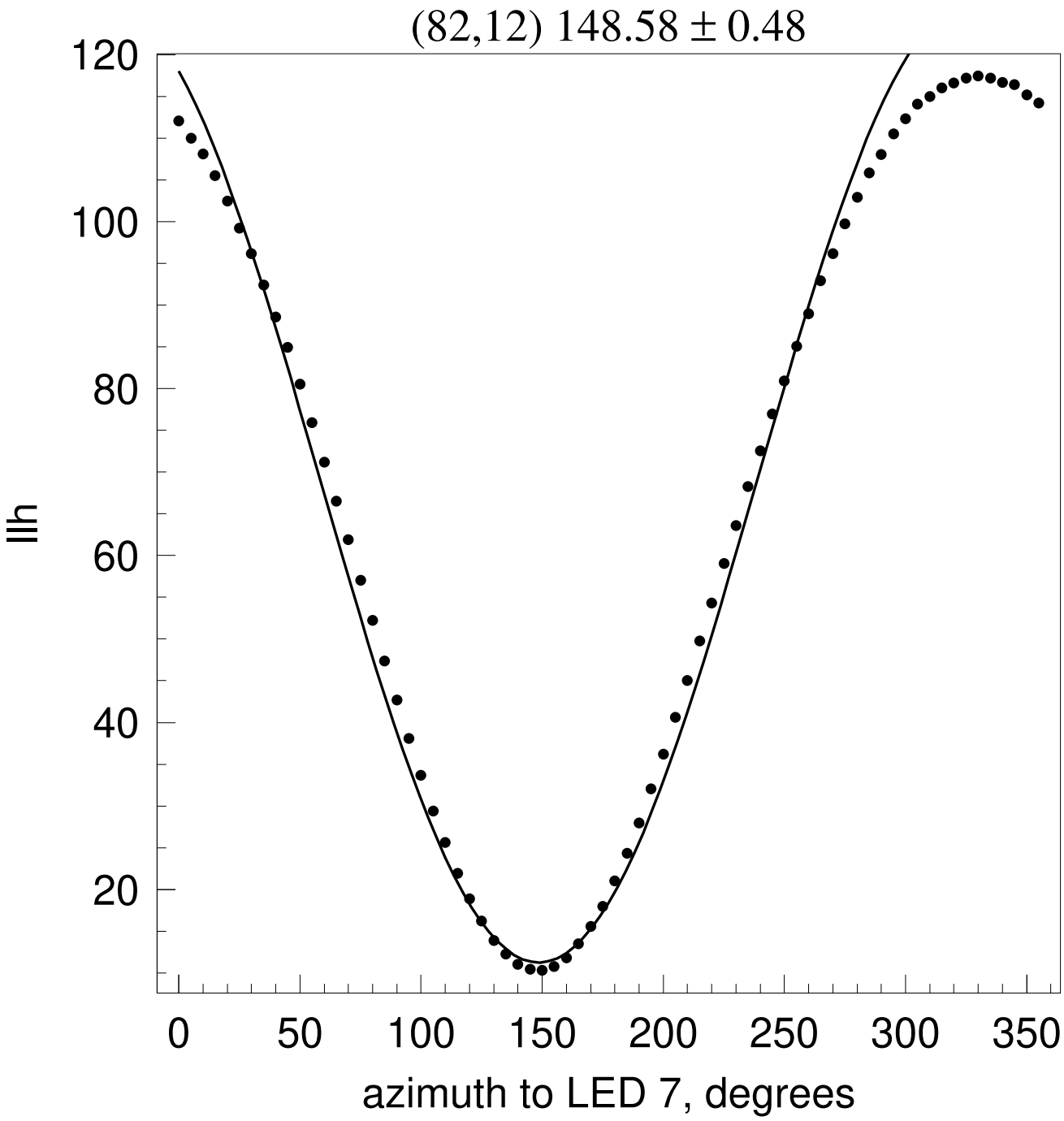

(82,7) 249.21 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

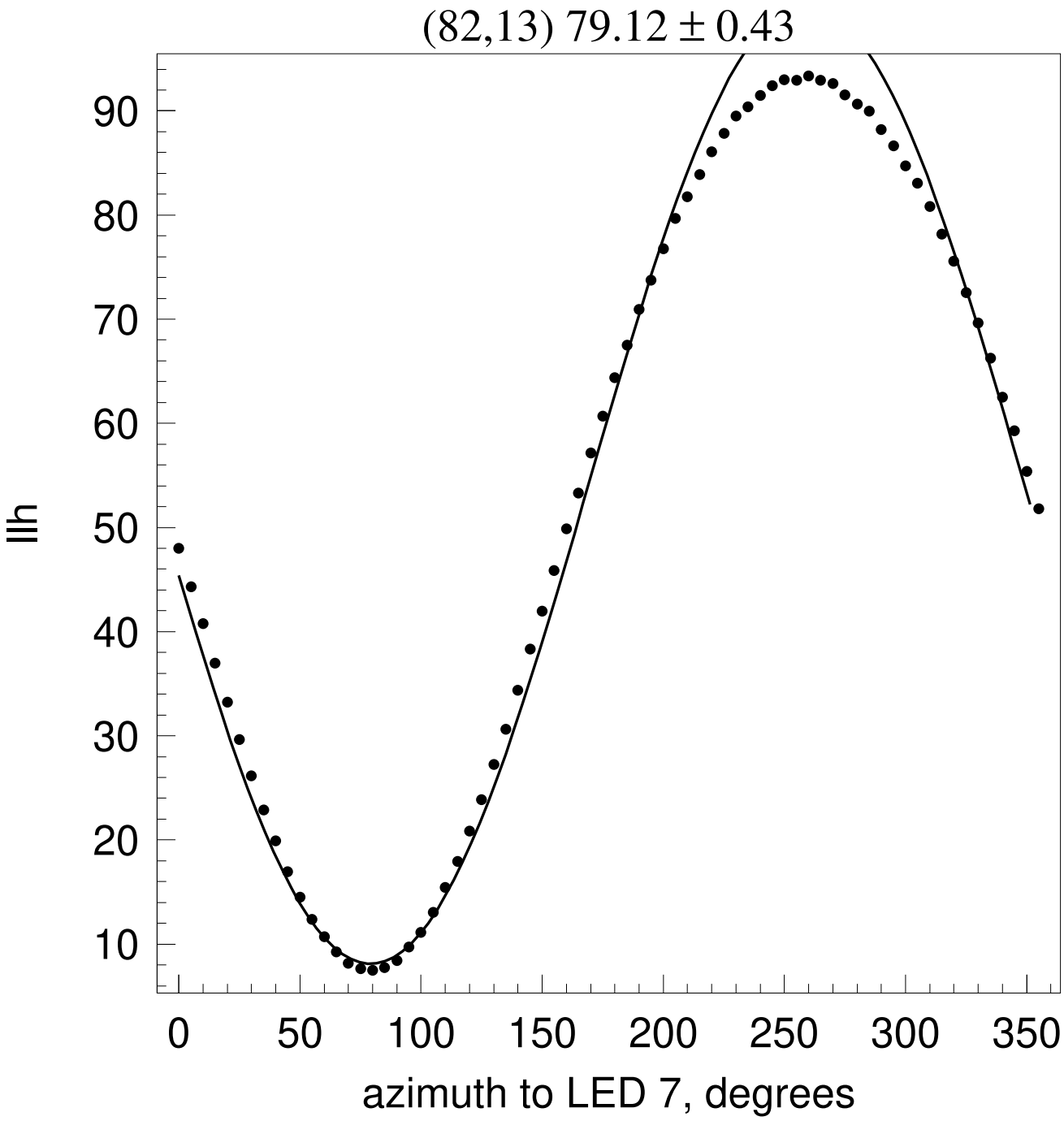

(82,8) 216.35 ± 0.51
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

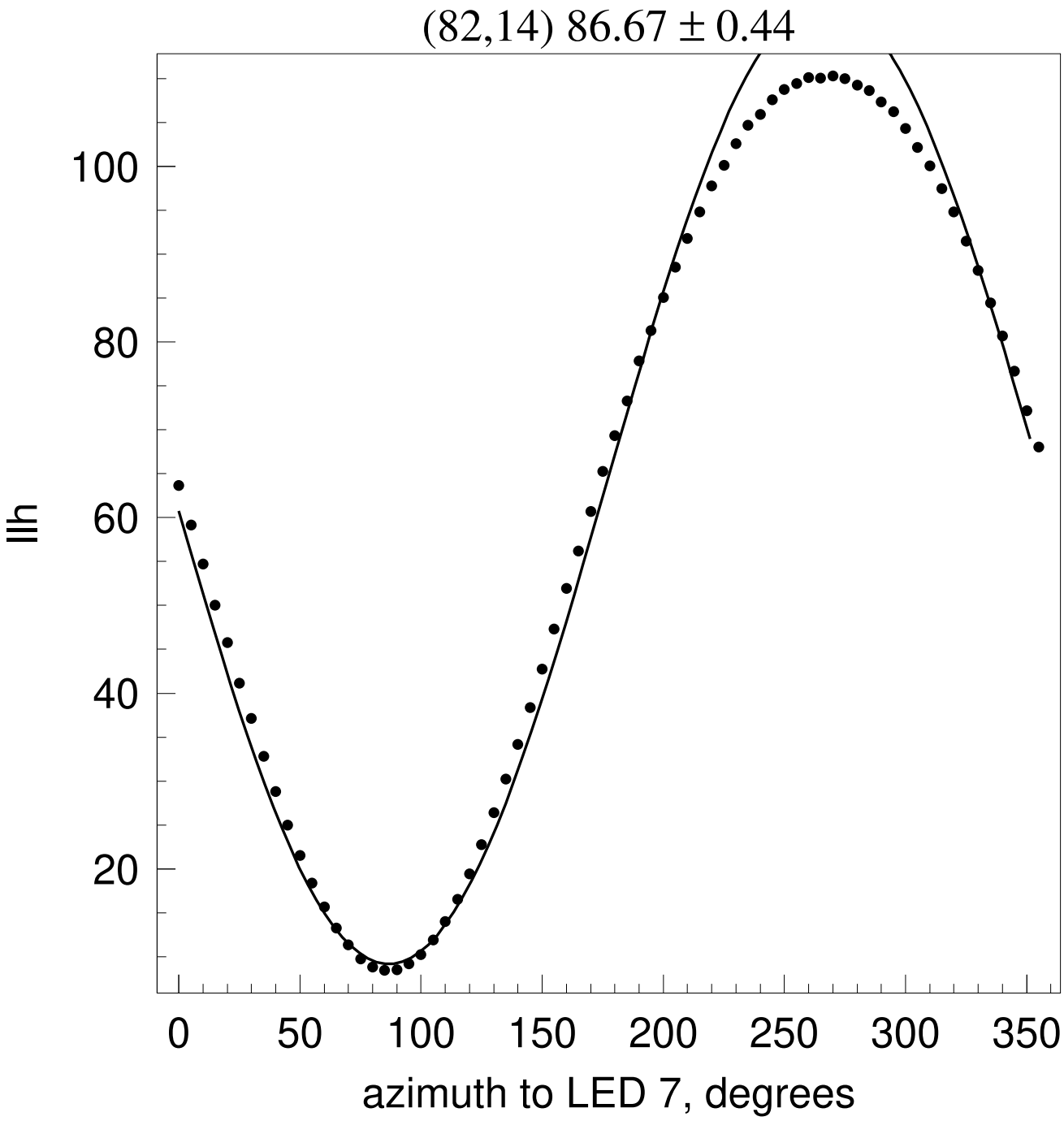

(82,9) 82.44 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

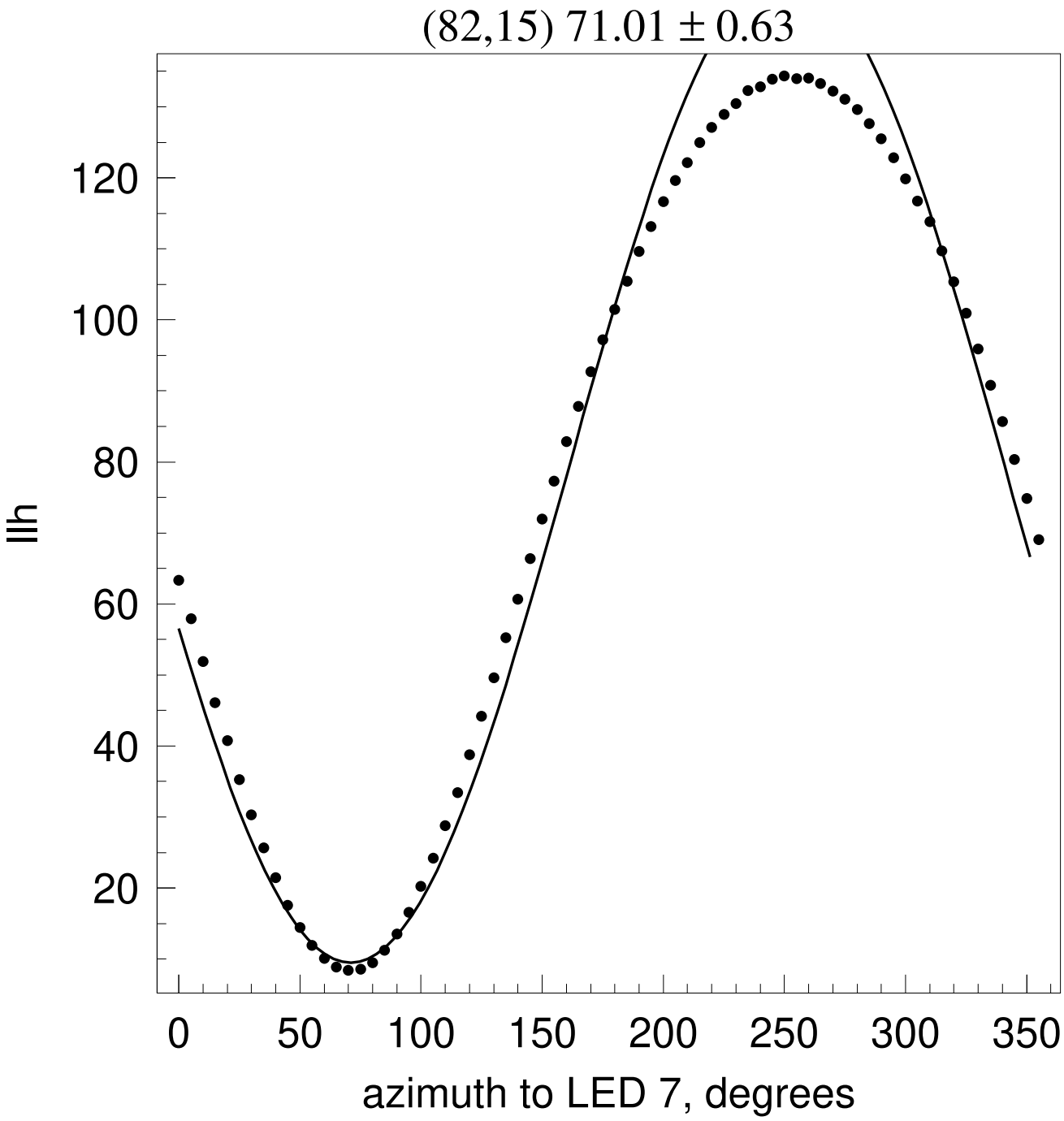

(82,10) 41.91 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

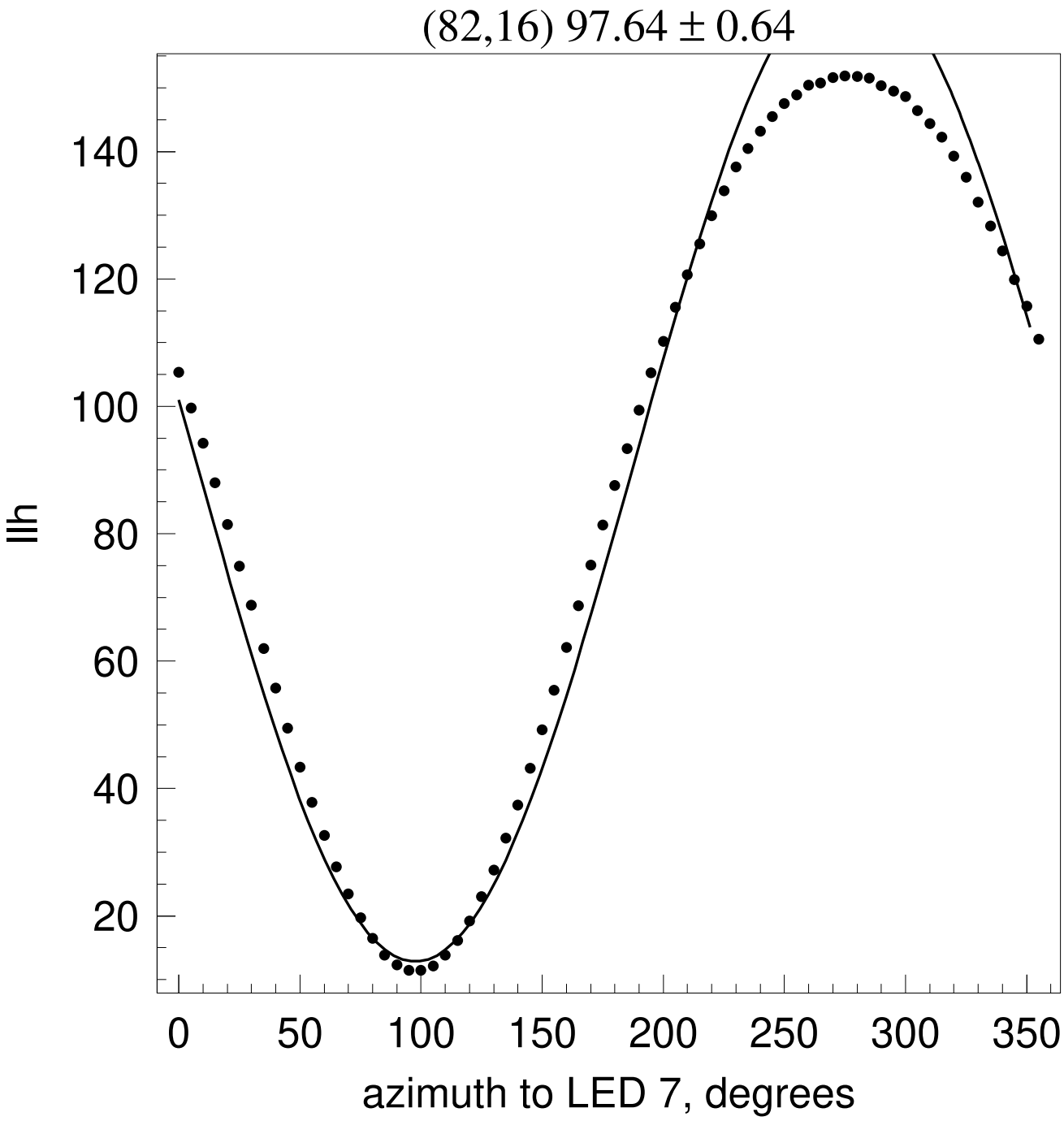

(82,11) 114.53 ± 0.65
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

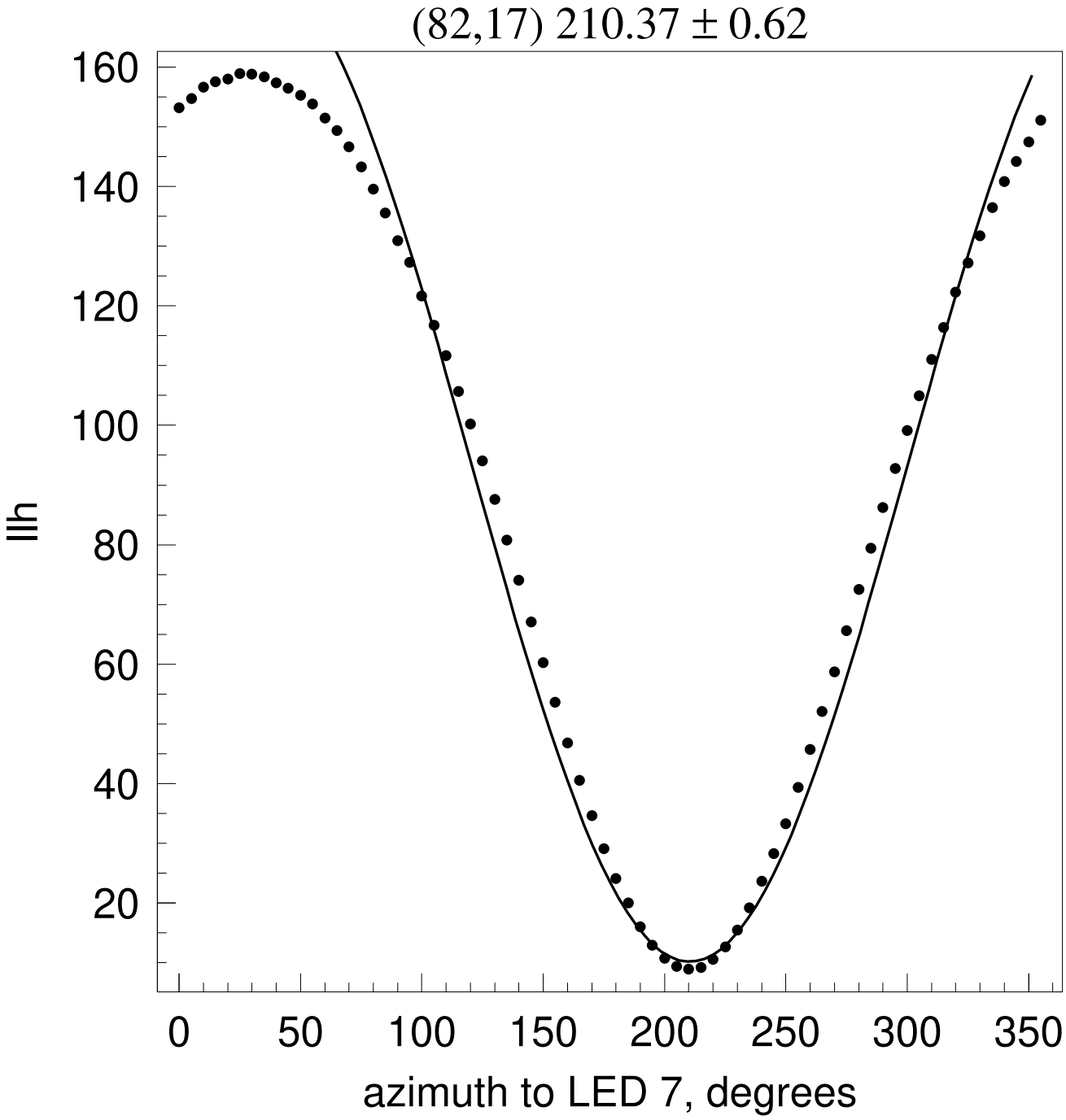

(82,12) 148.58 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

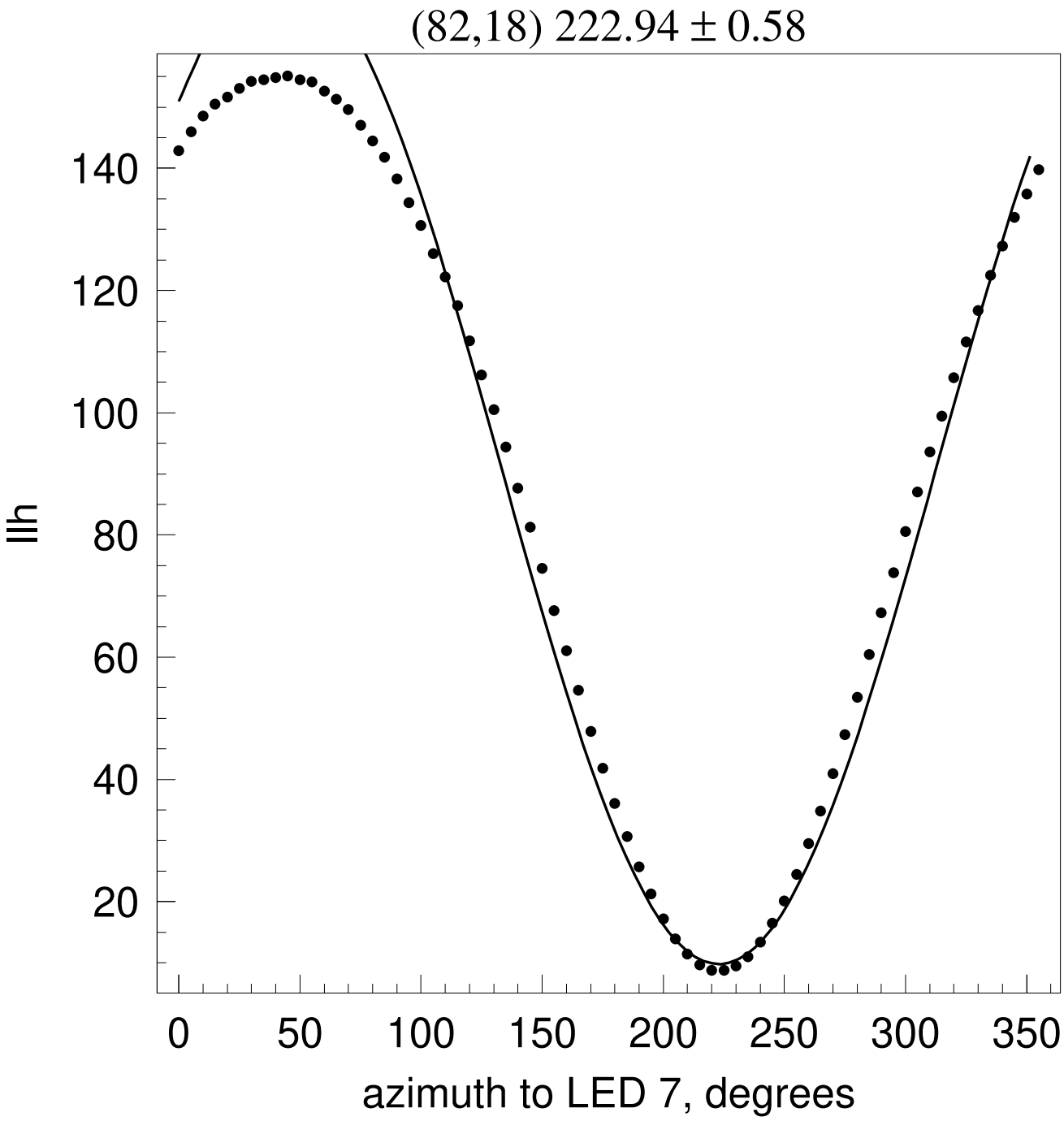

(82,13) 79.12 ± 0.43
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

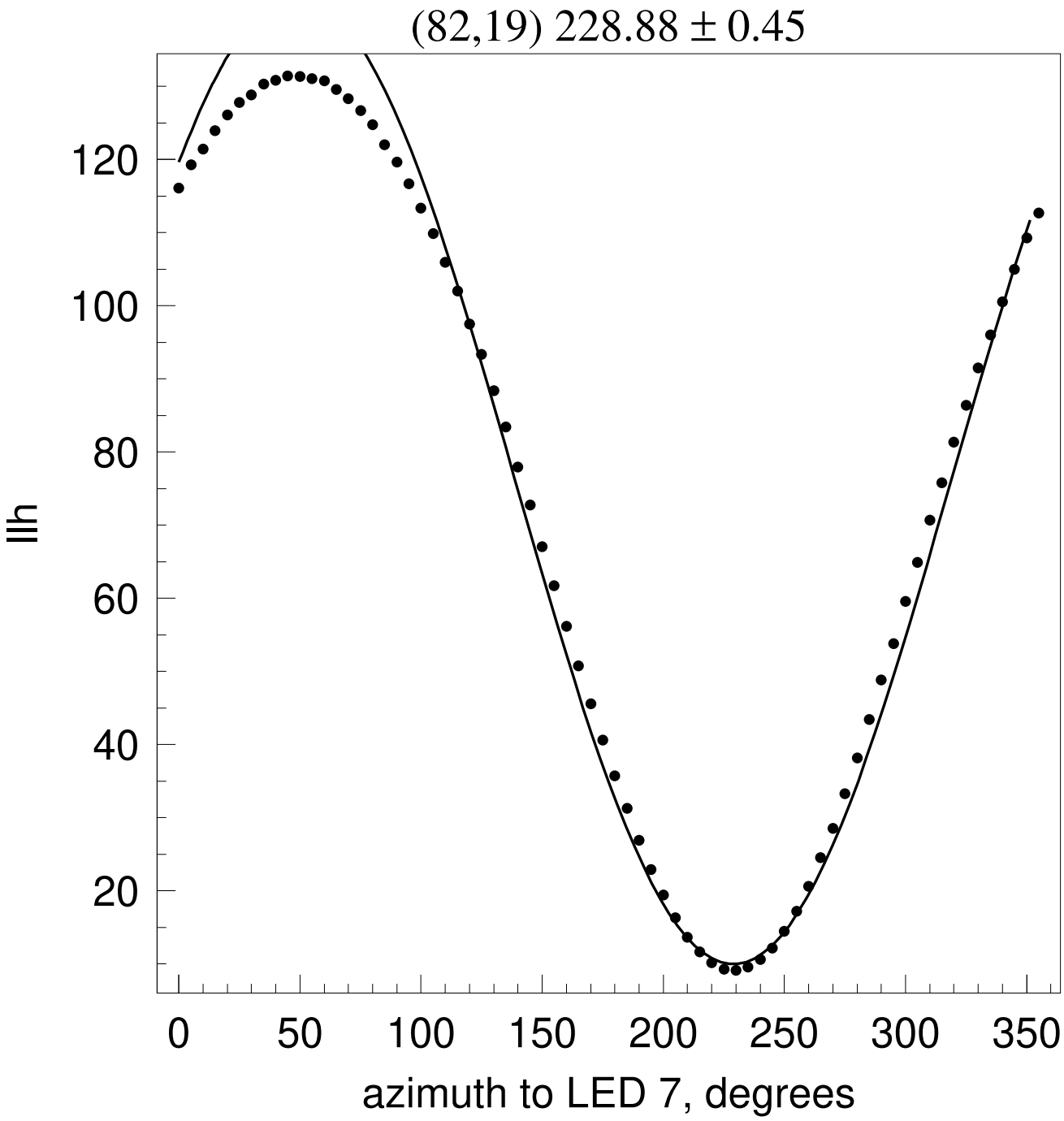

(82,14) 86.67 ± 0.44
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

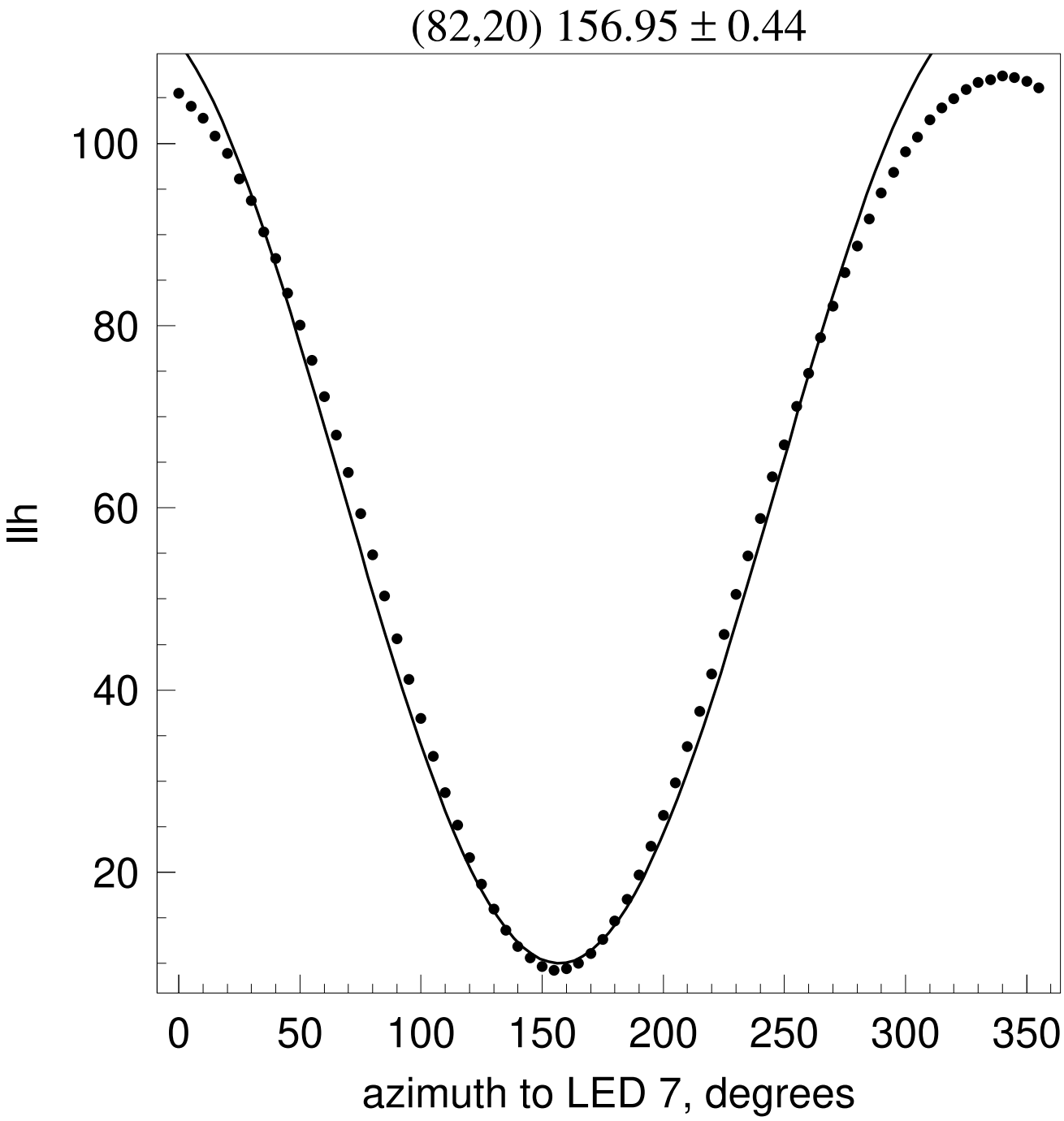

(82,15) 71.01 ± 0.63
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

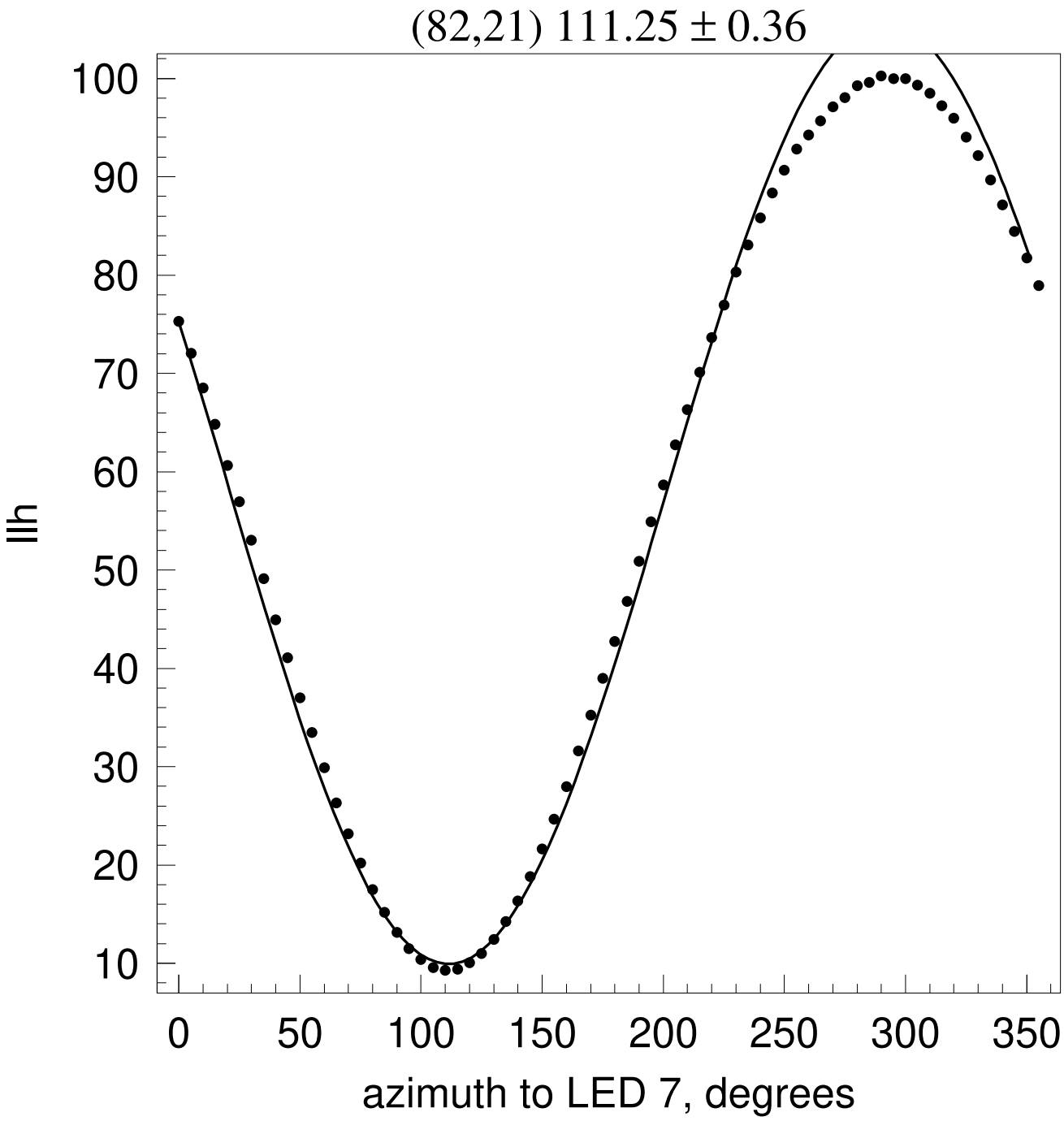

(82,16) 97.64 ± 0.64
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

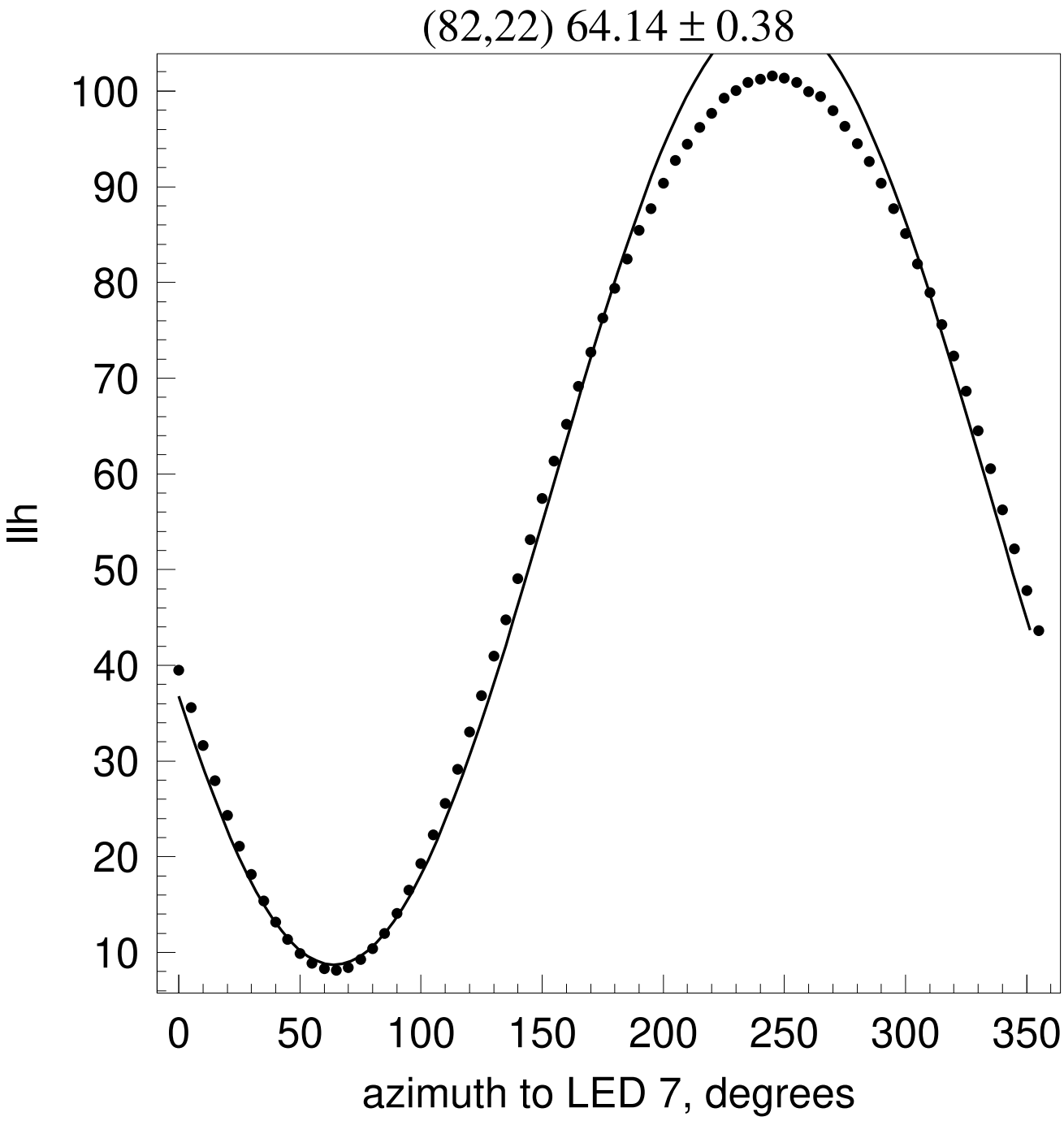

(82,17) 210.37 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

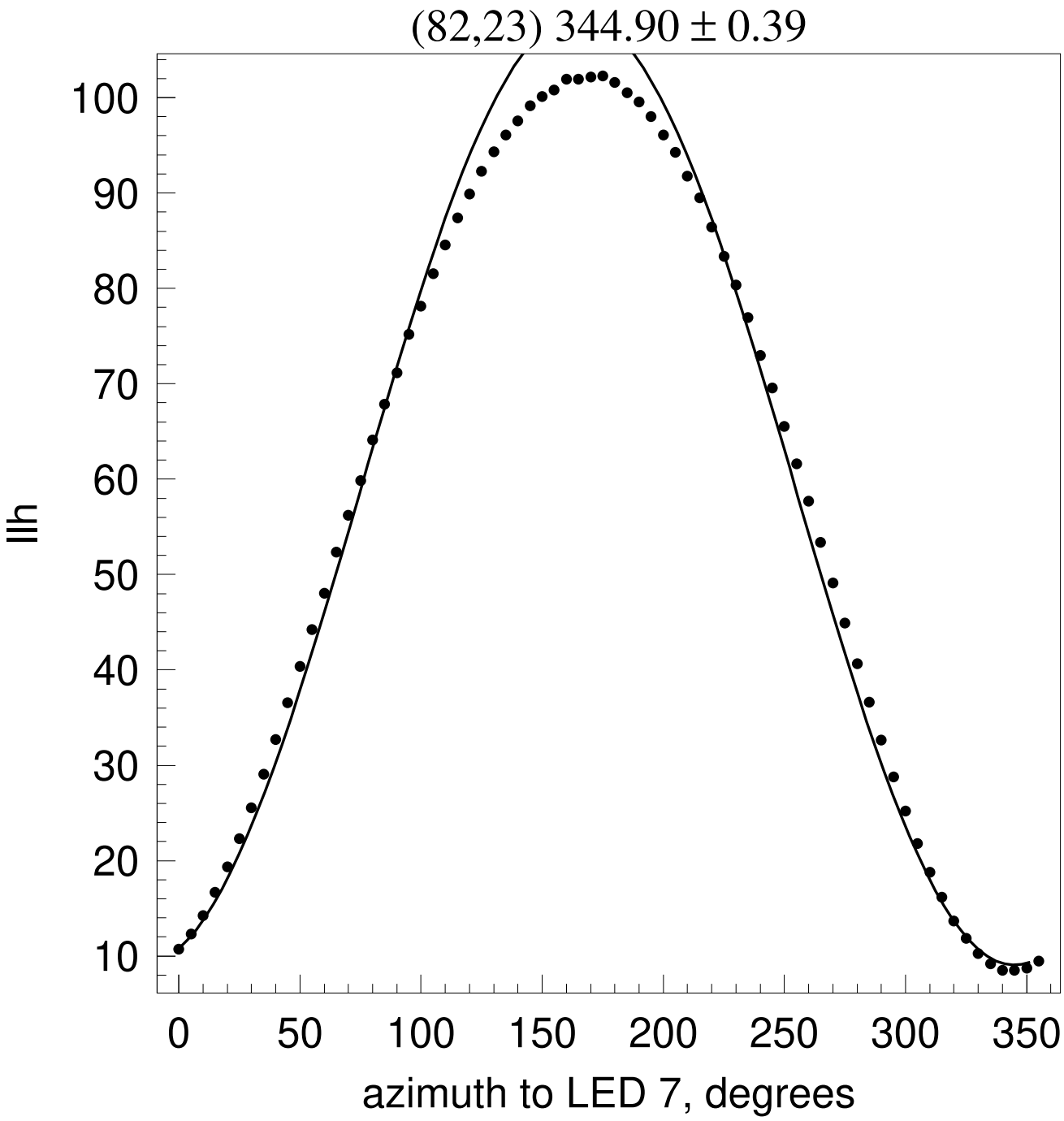

(82,18) 222.94 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

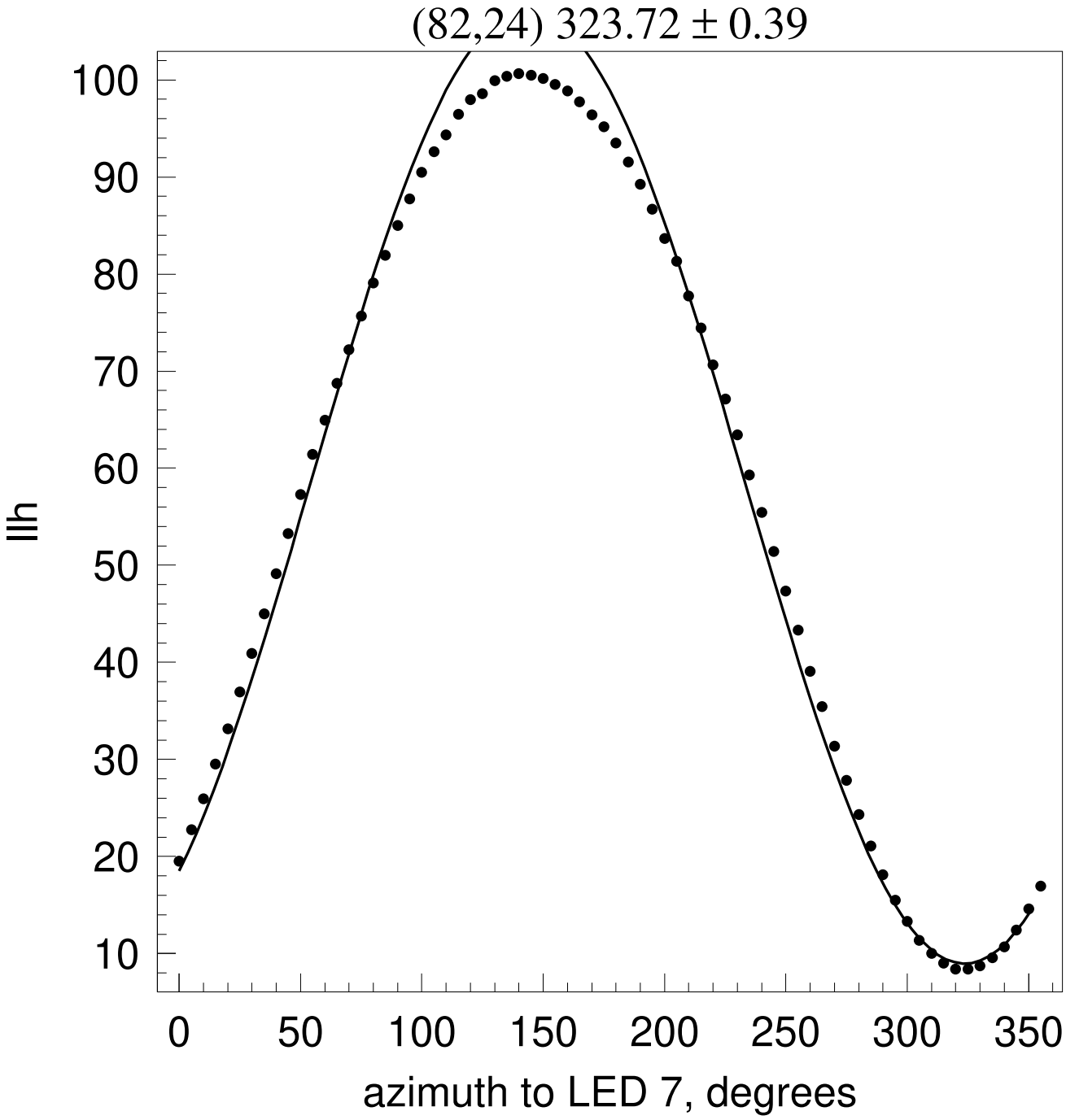

(82,19) 228.88 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

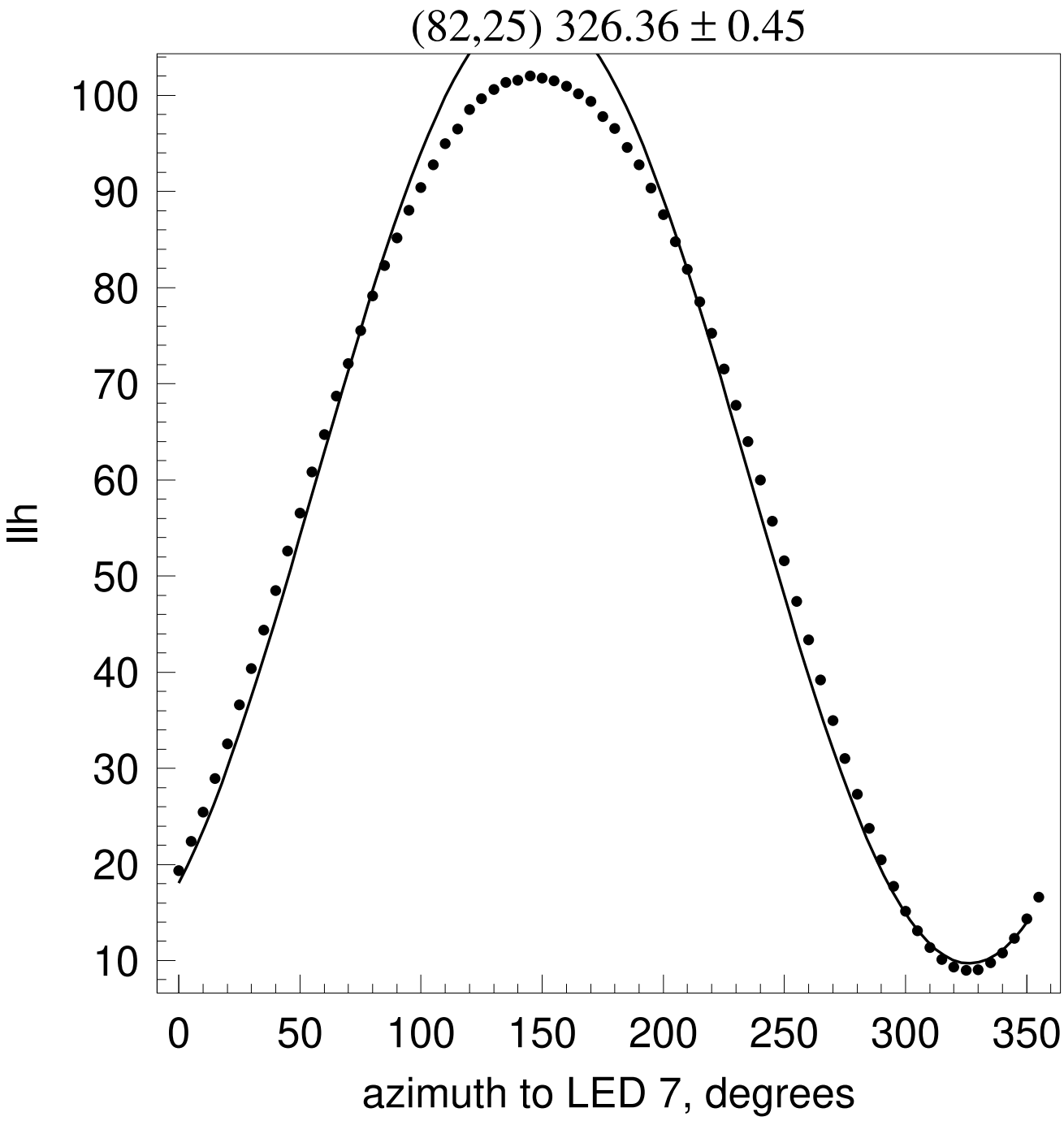

(82,20) 156.95 ± 0.44
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

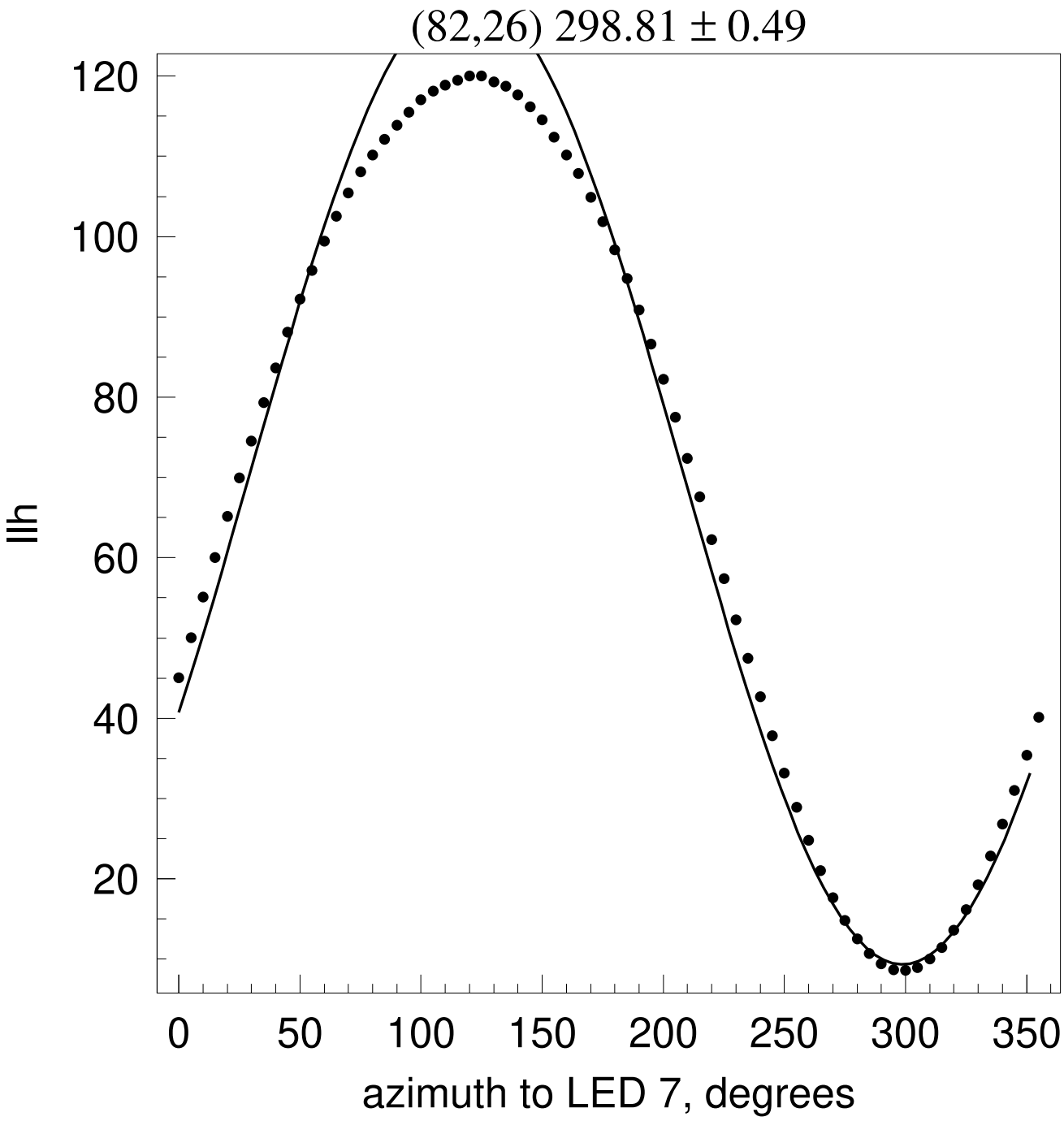

(82,21) 111.25 ± 0.36
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

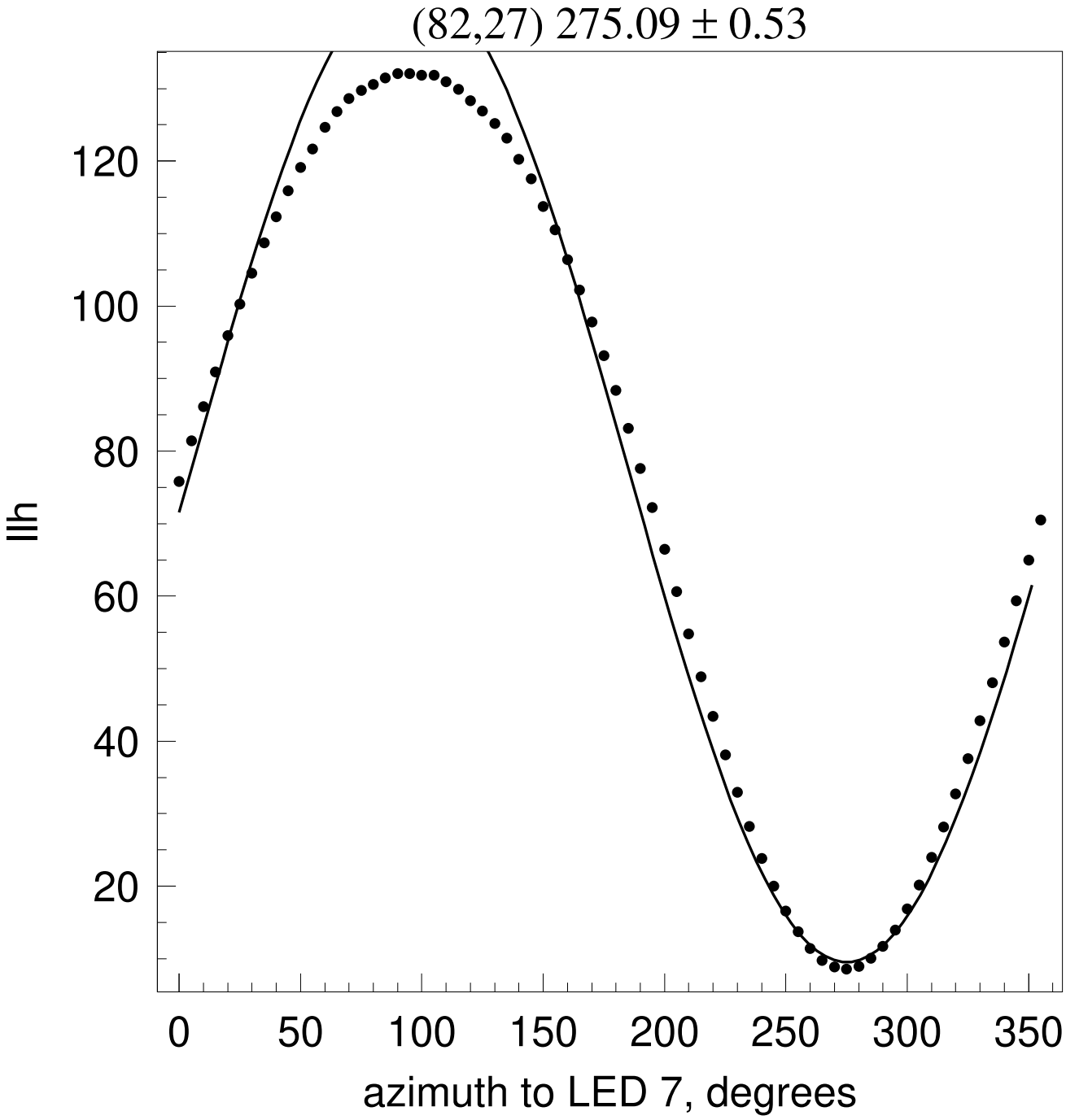

(82,22) 64.14 ± 0.38
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

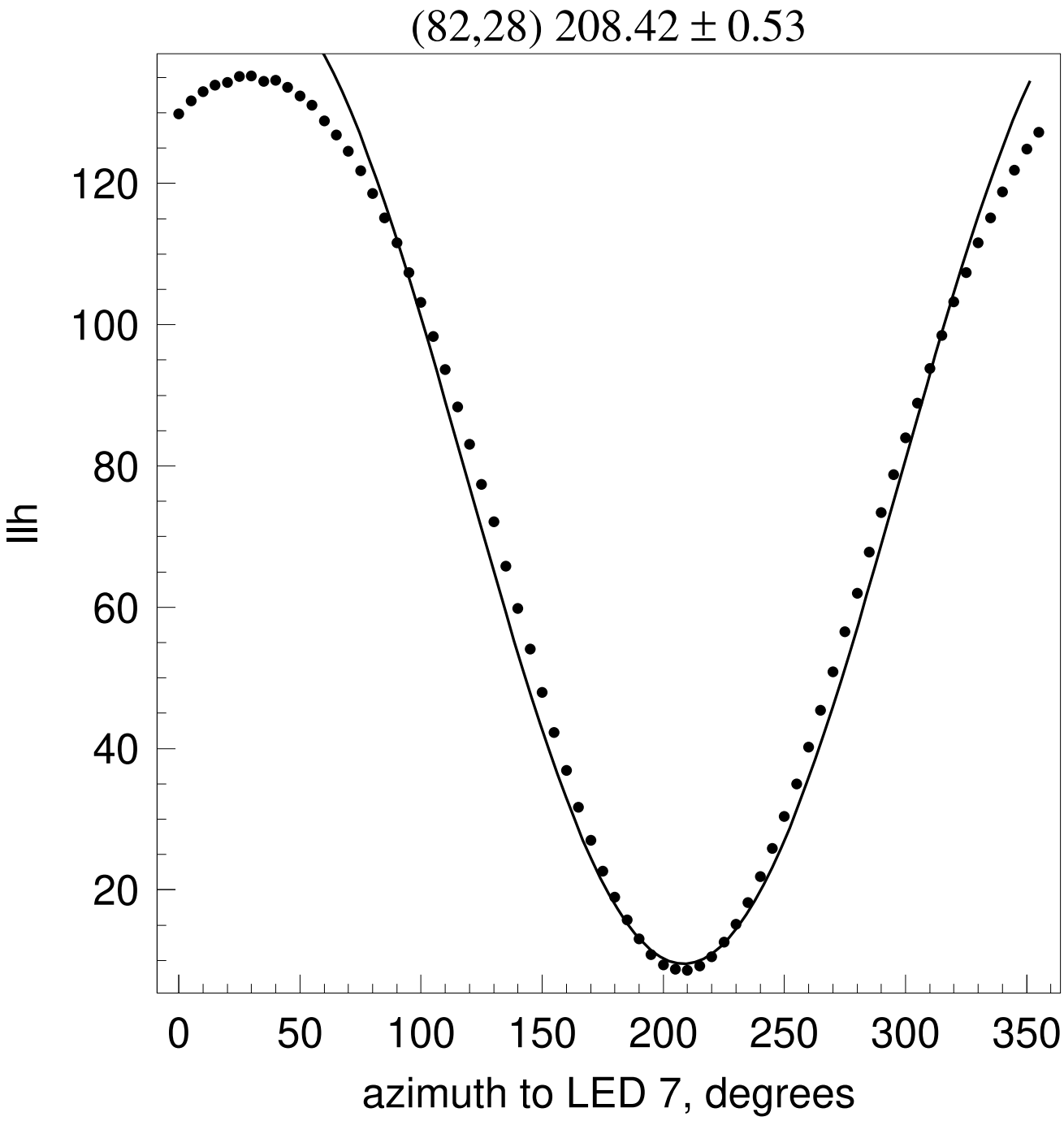

(82,23) 344.90 ± 0.39
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

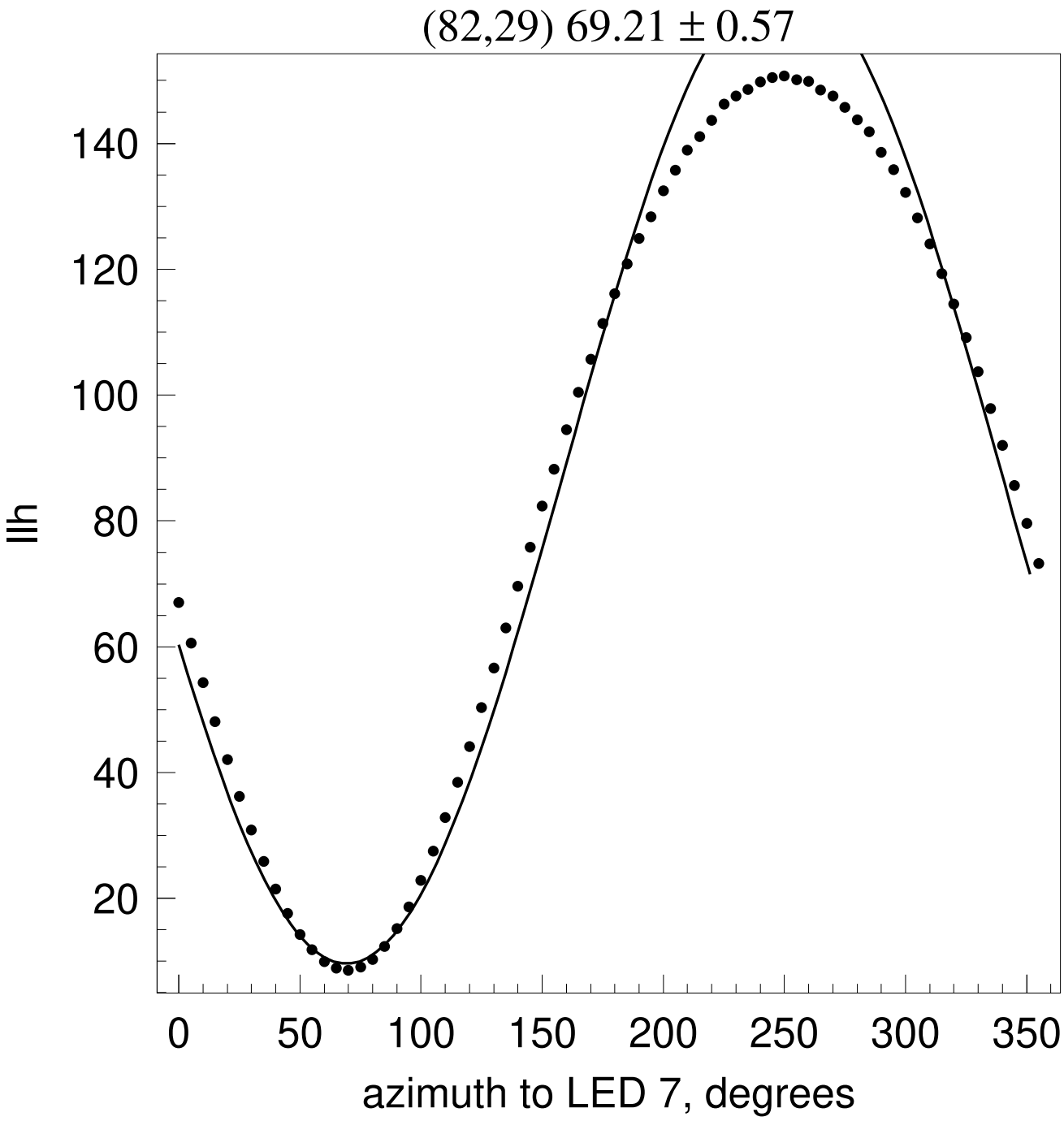

(82,24) 323.72 ± 0.39
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

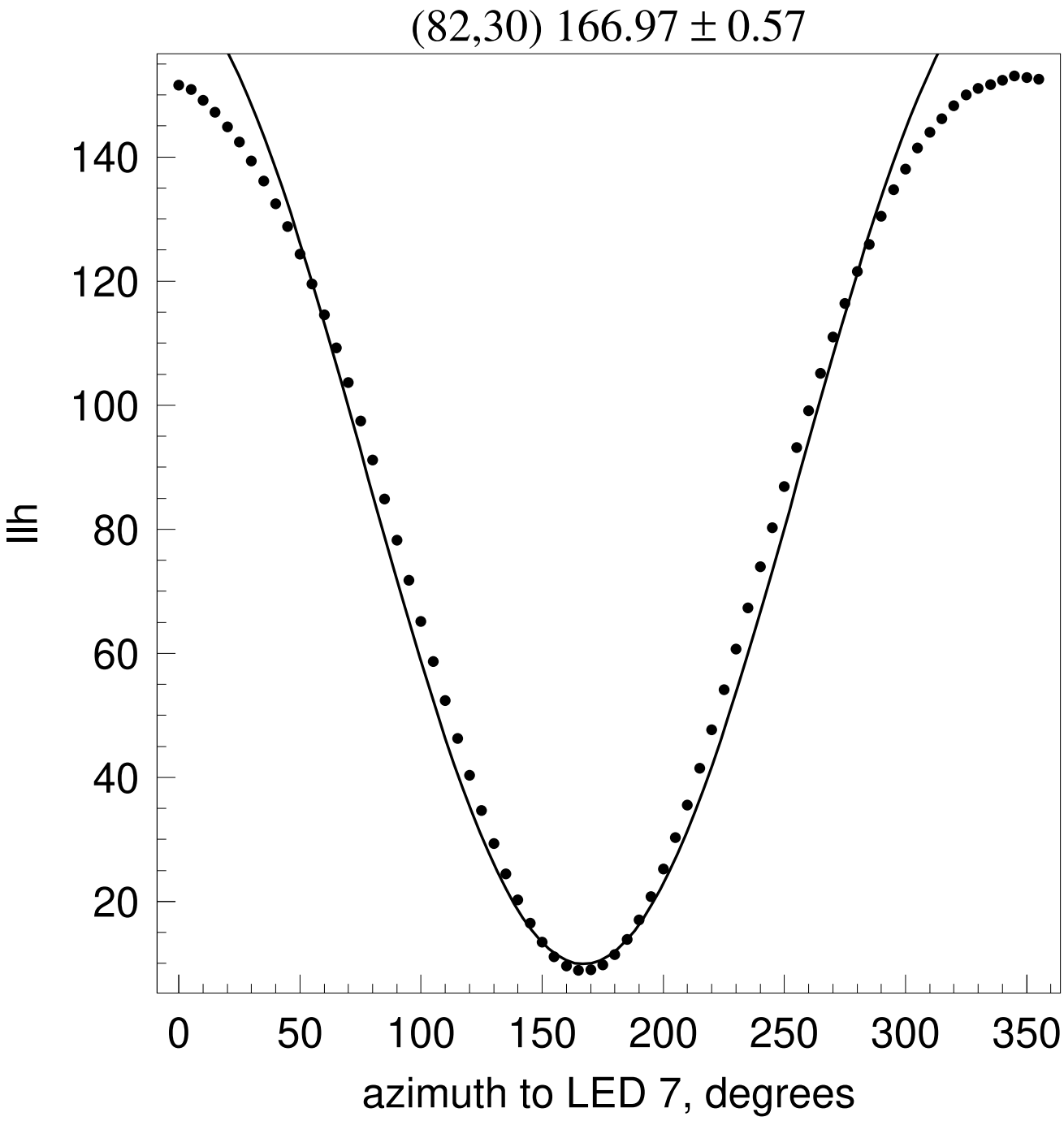

(82,25) 326.36 ± 0.45
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

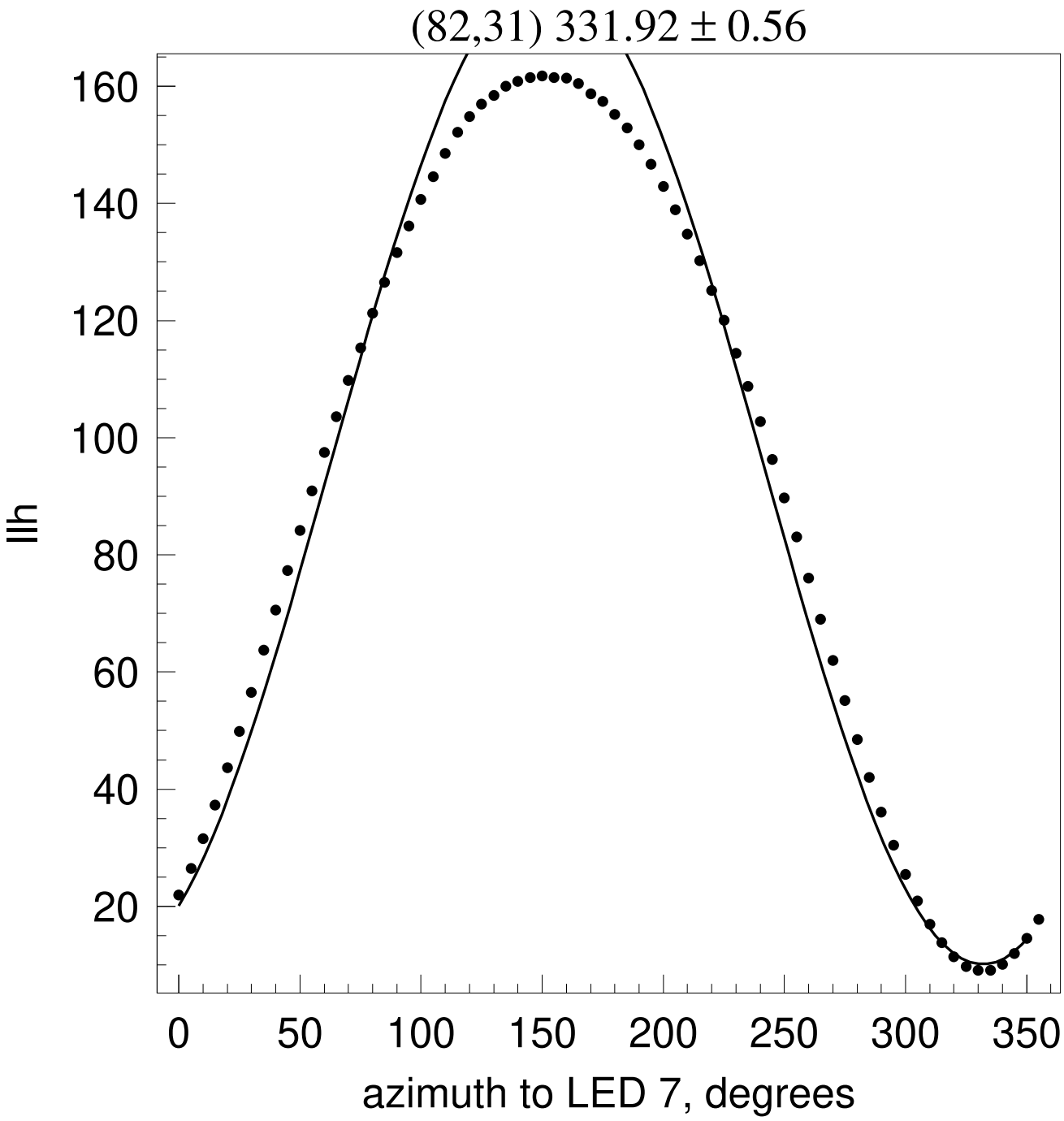

(82,26) 298.81 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

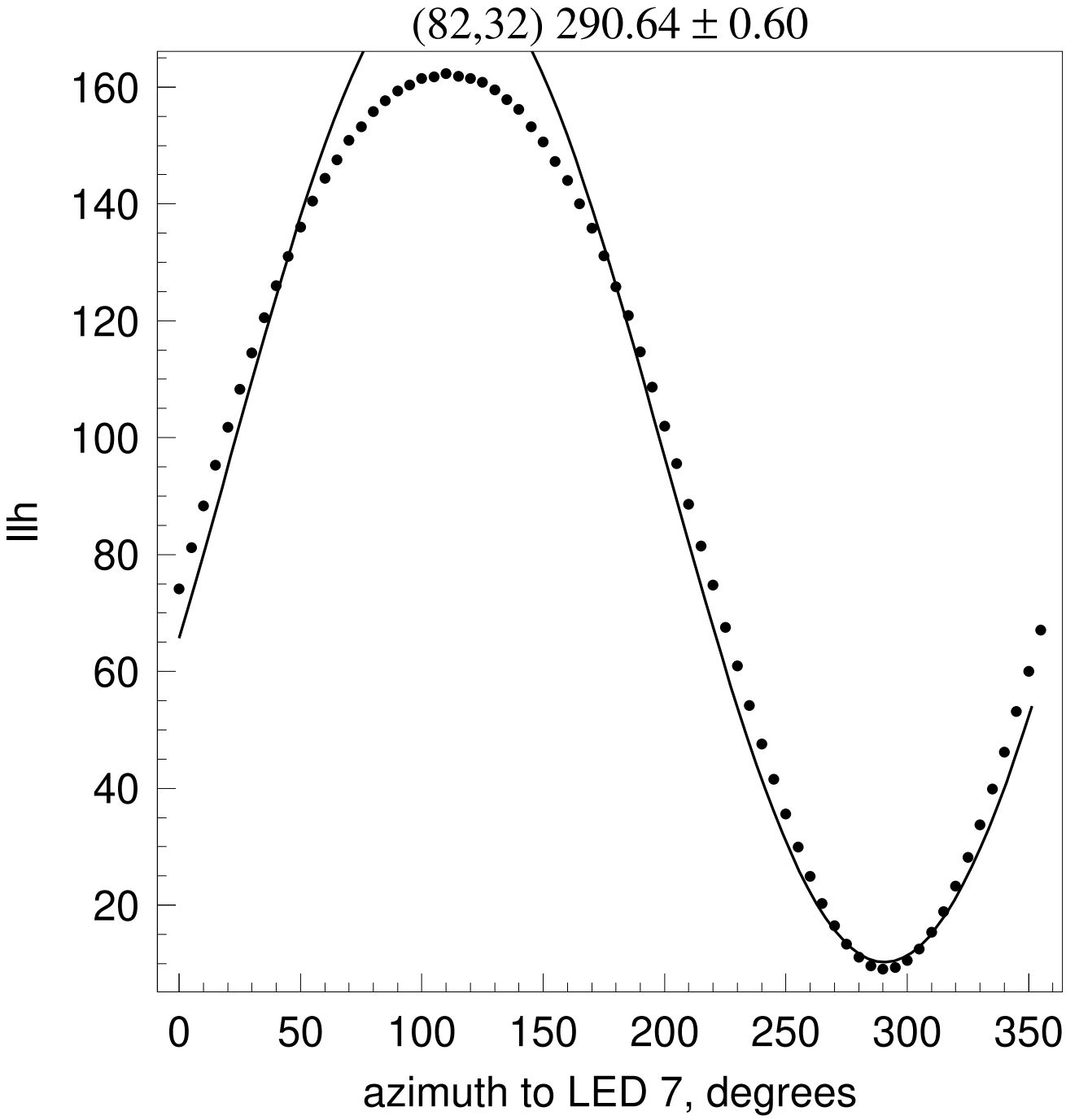

(82,27) 275.09 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

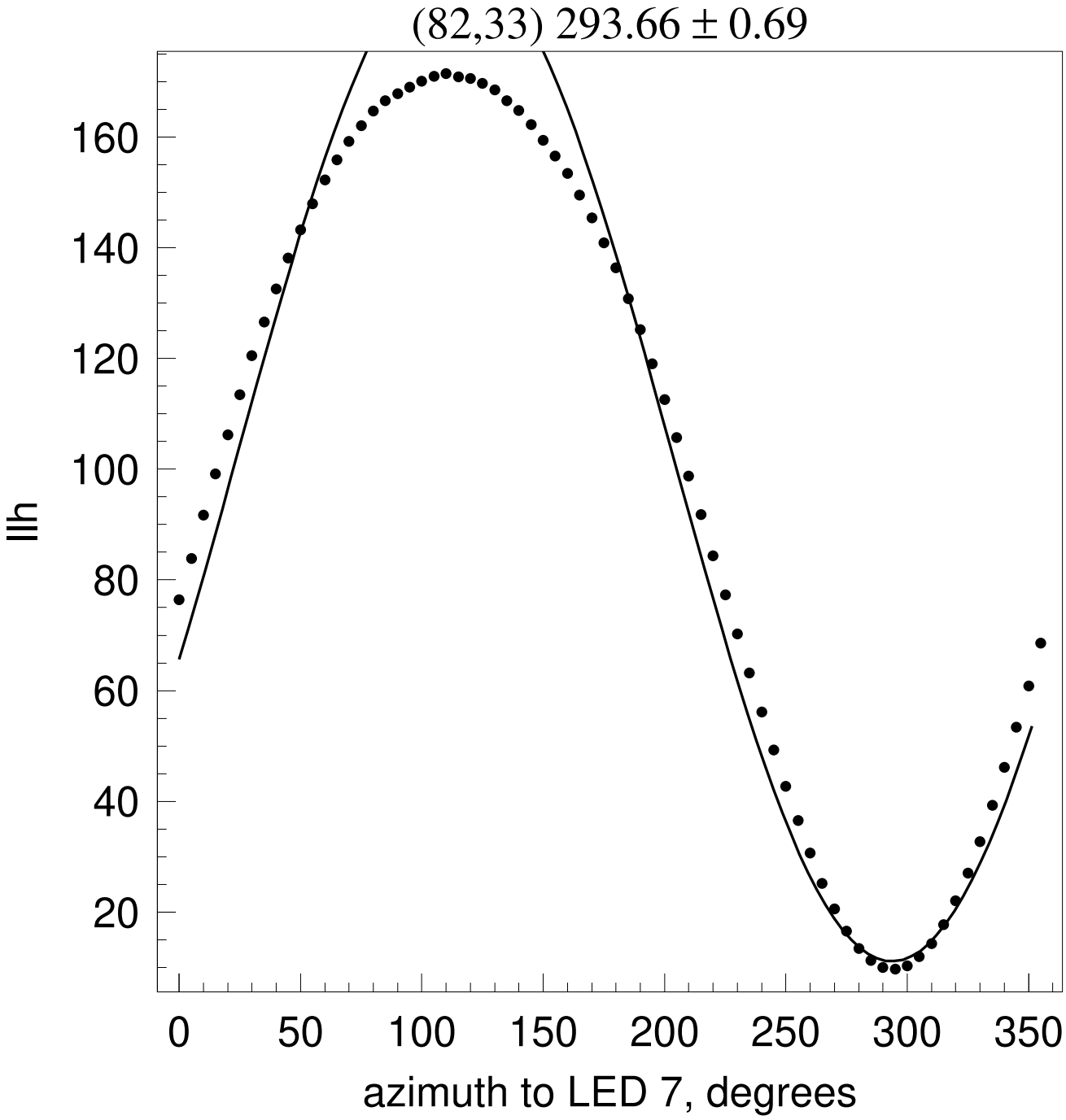

(82,28) 208.42 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

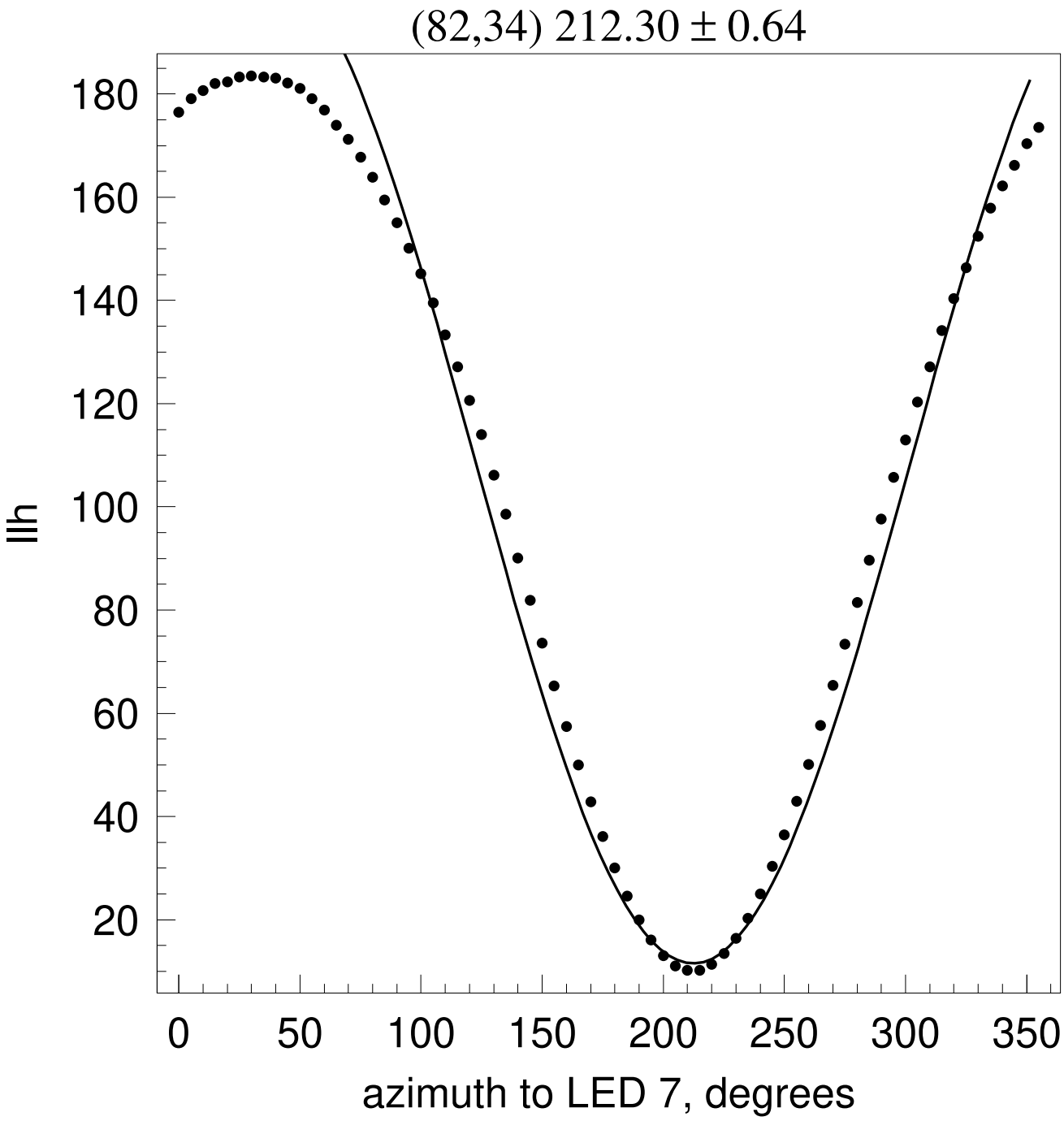

(82,29) 69.21 ± 0.57
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

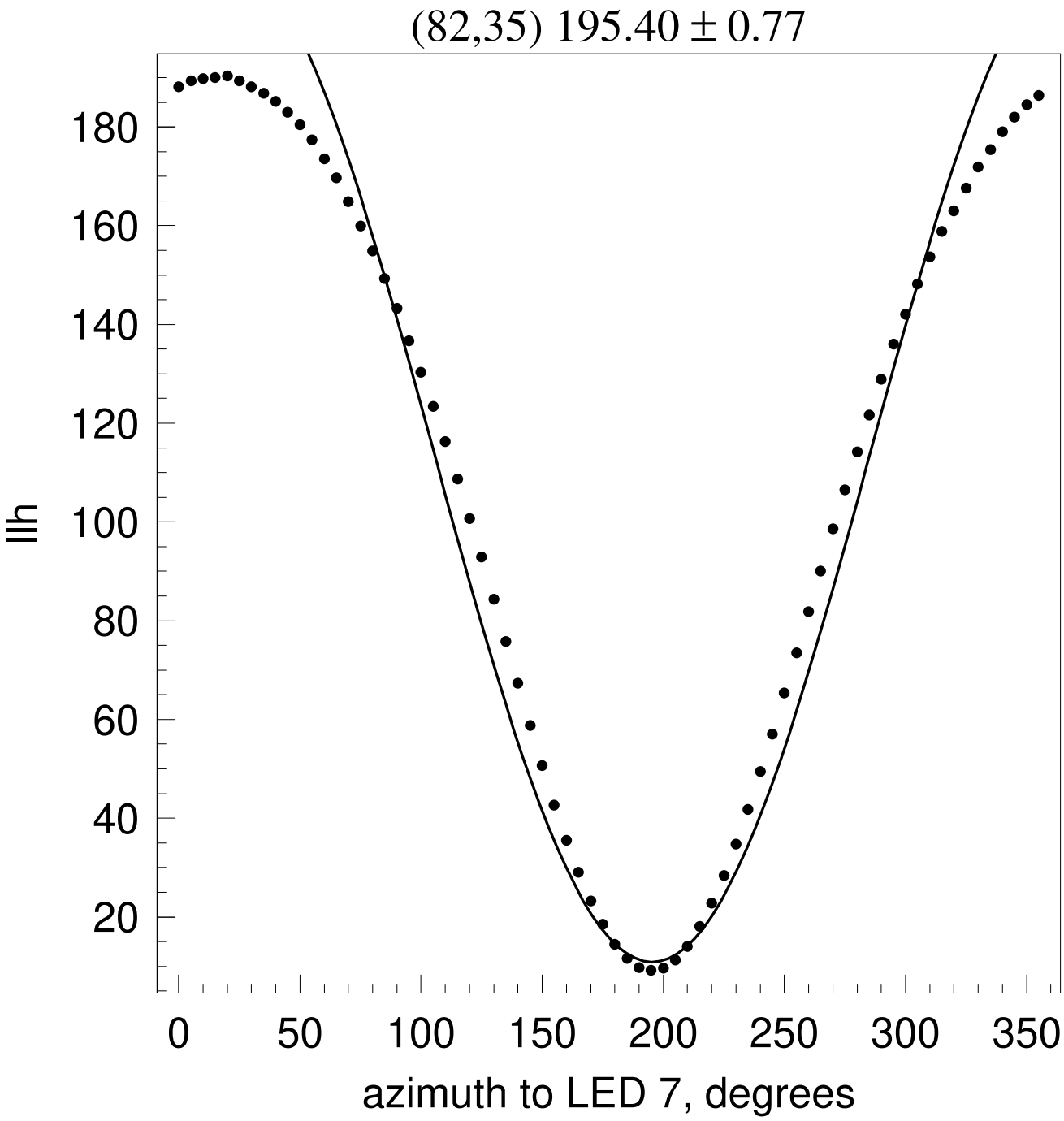

(82,30) 166.97 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

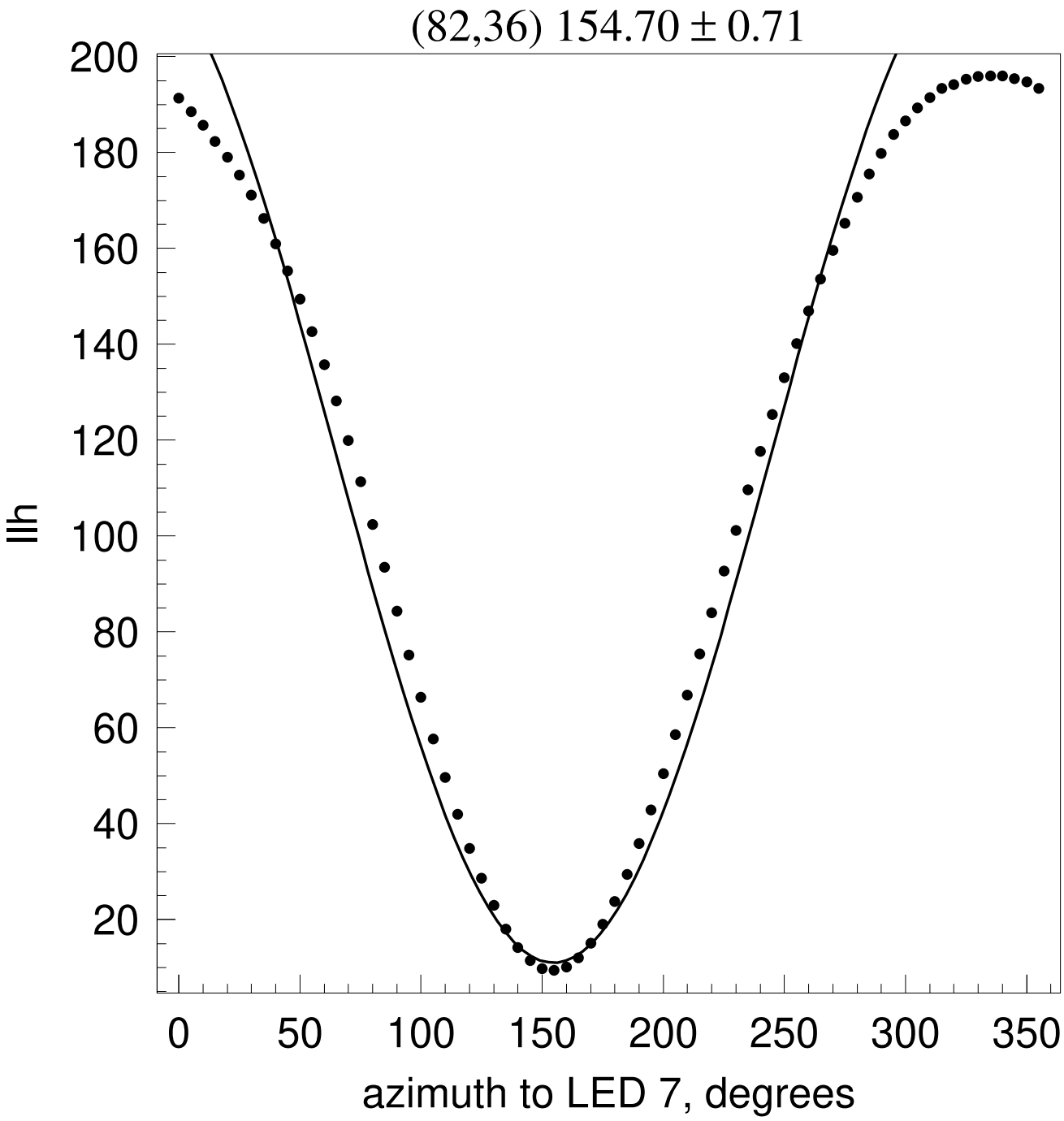

(82,31) 331.92 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

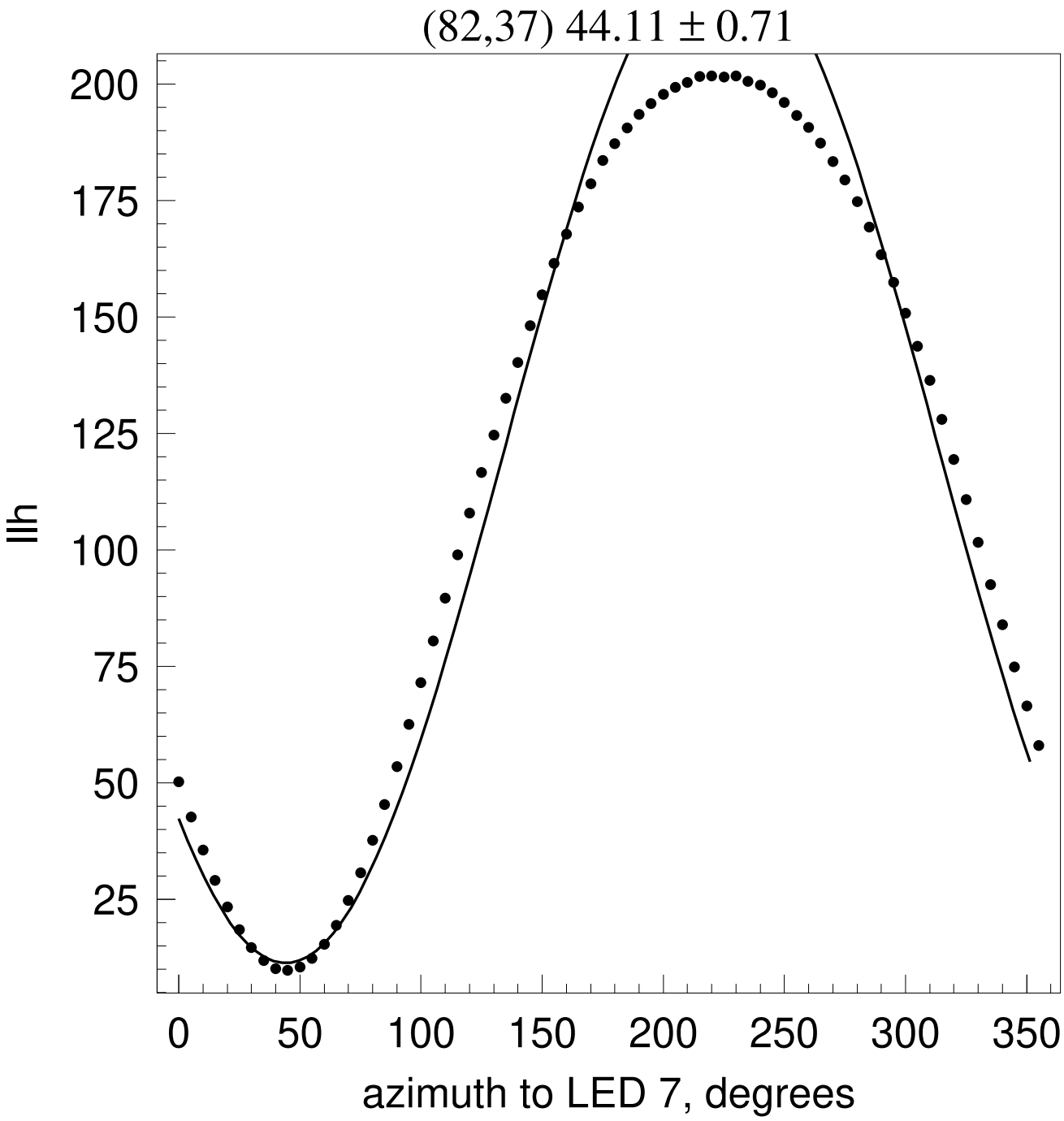

(82,32) 290.64 ± 0.60
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

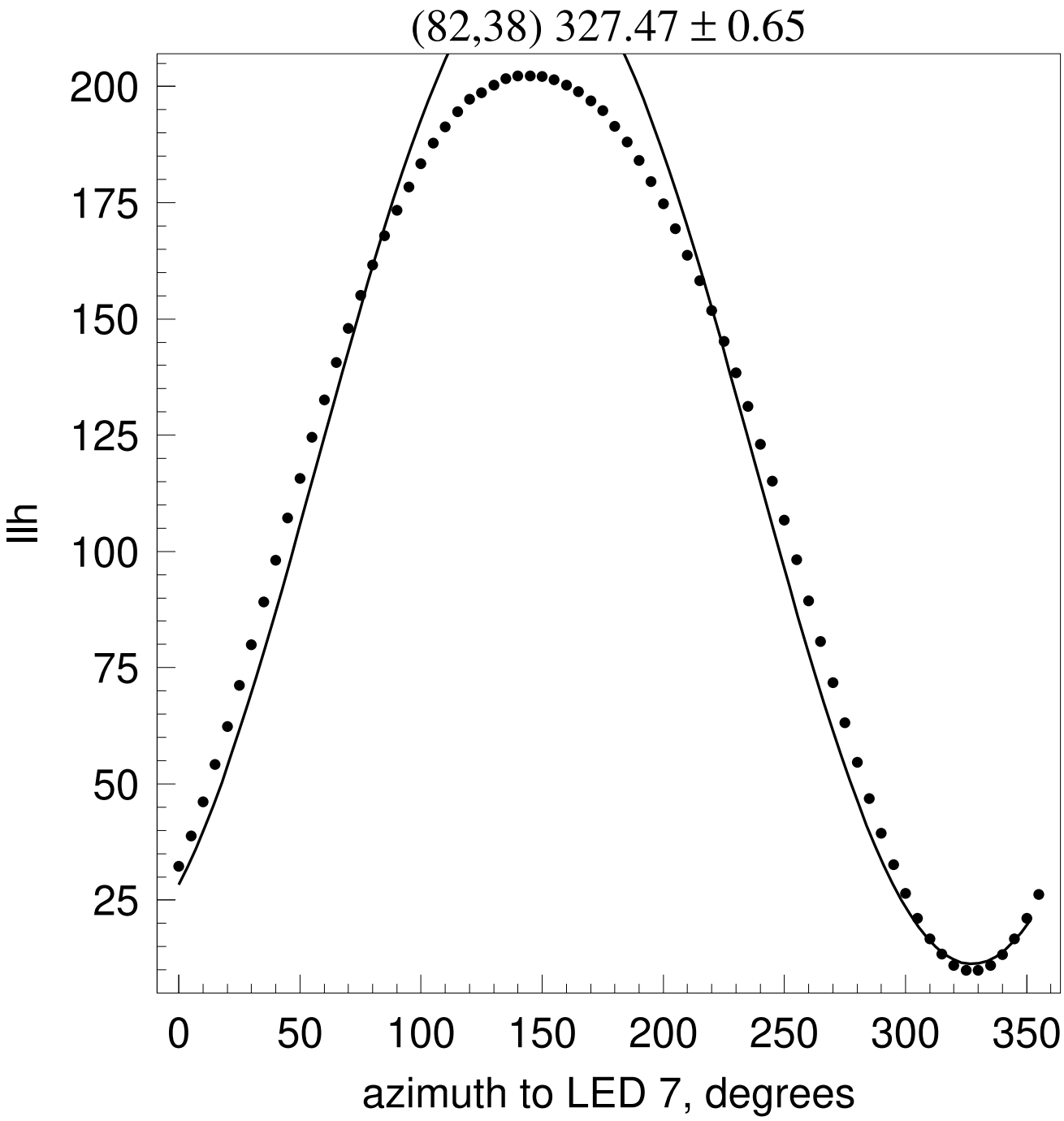

(82,33) 293.66 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

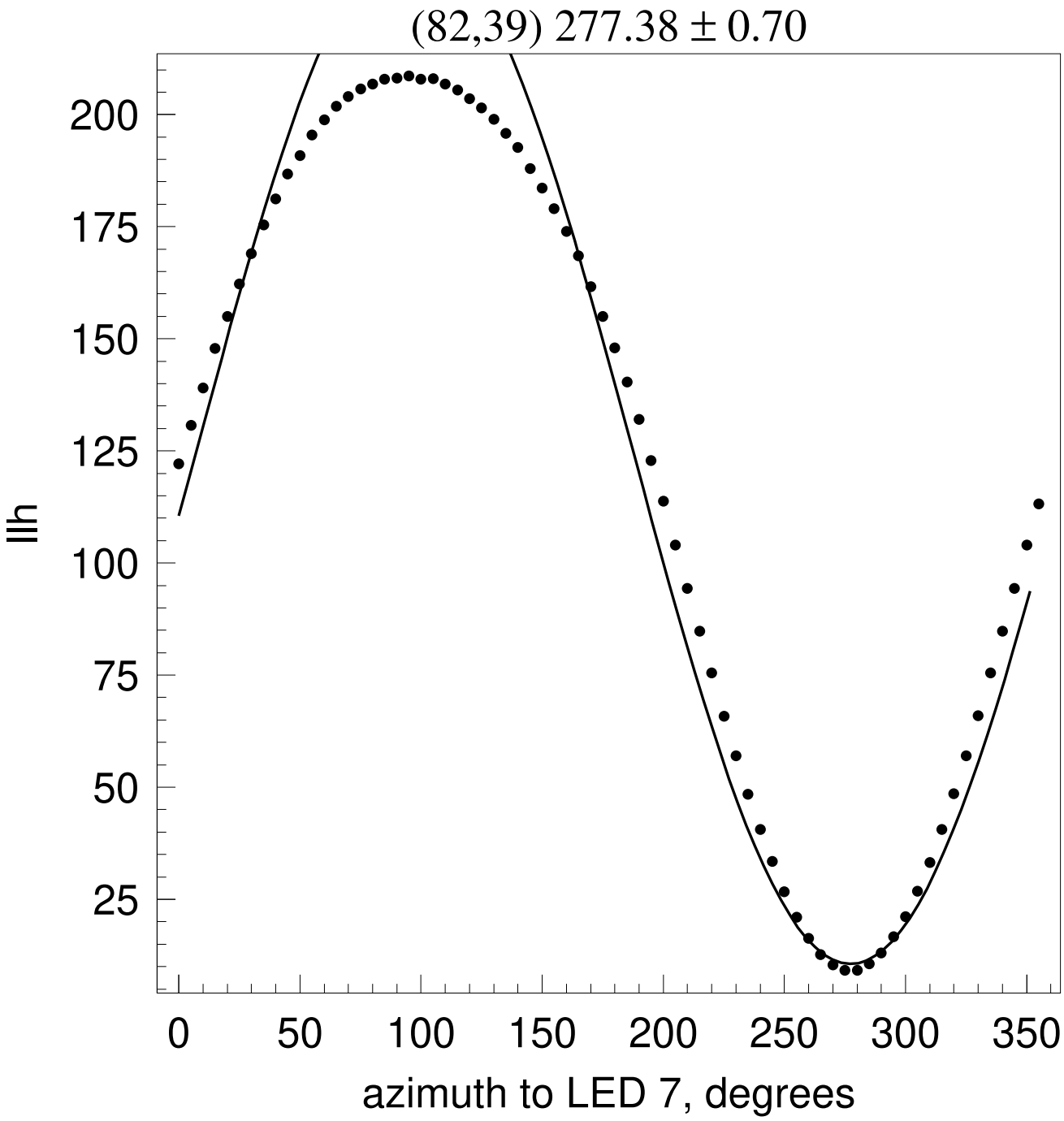

(82,34) 212.30 ± 0.64
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

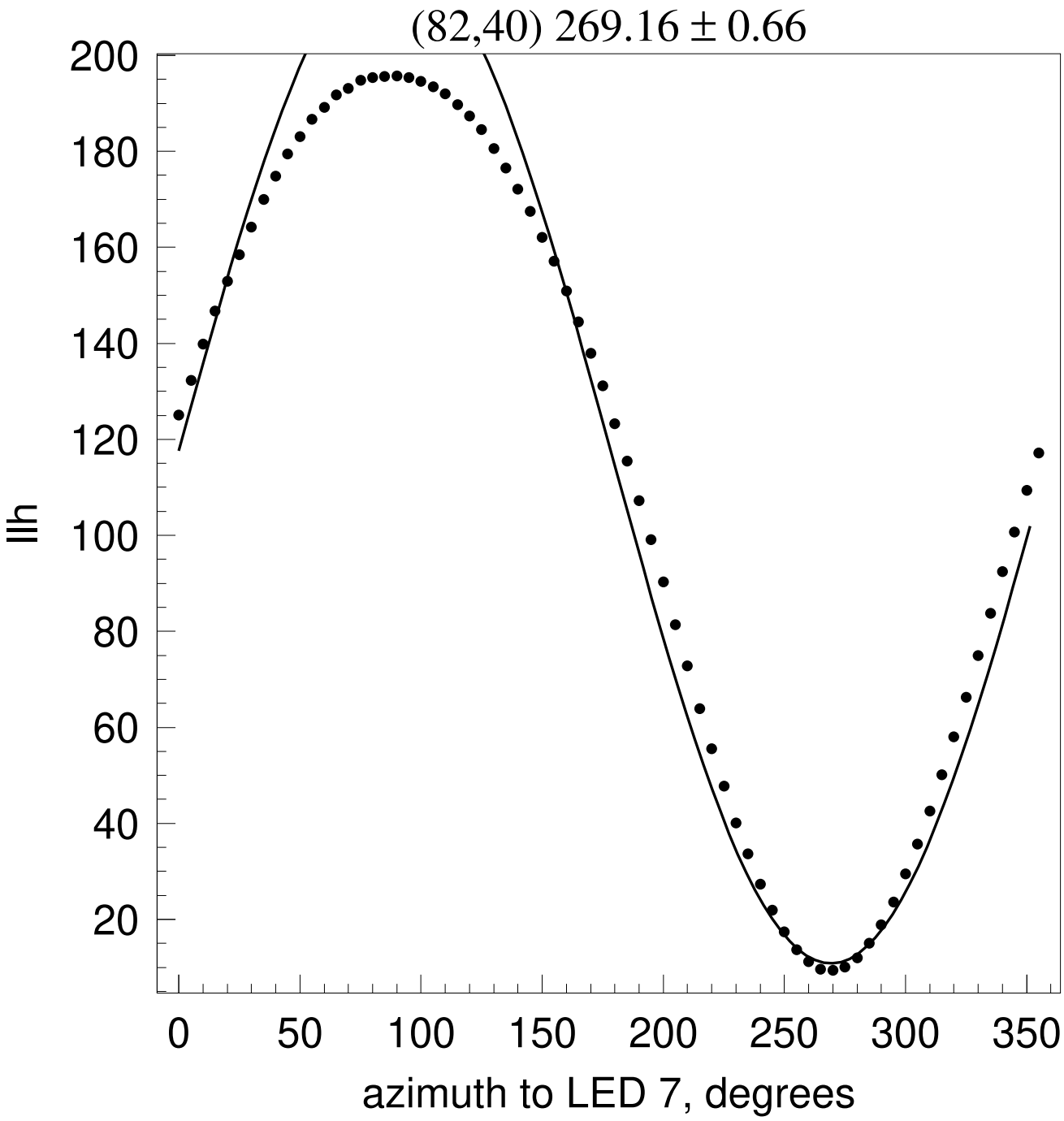

(82,35) 195.40 ± 0.77
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

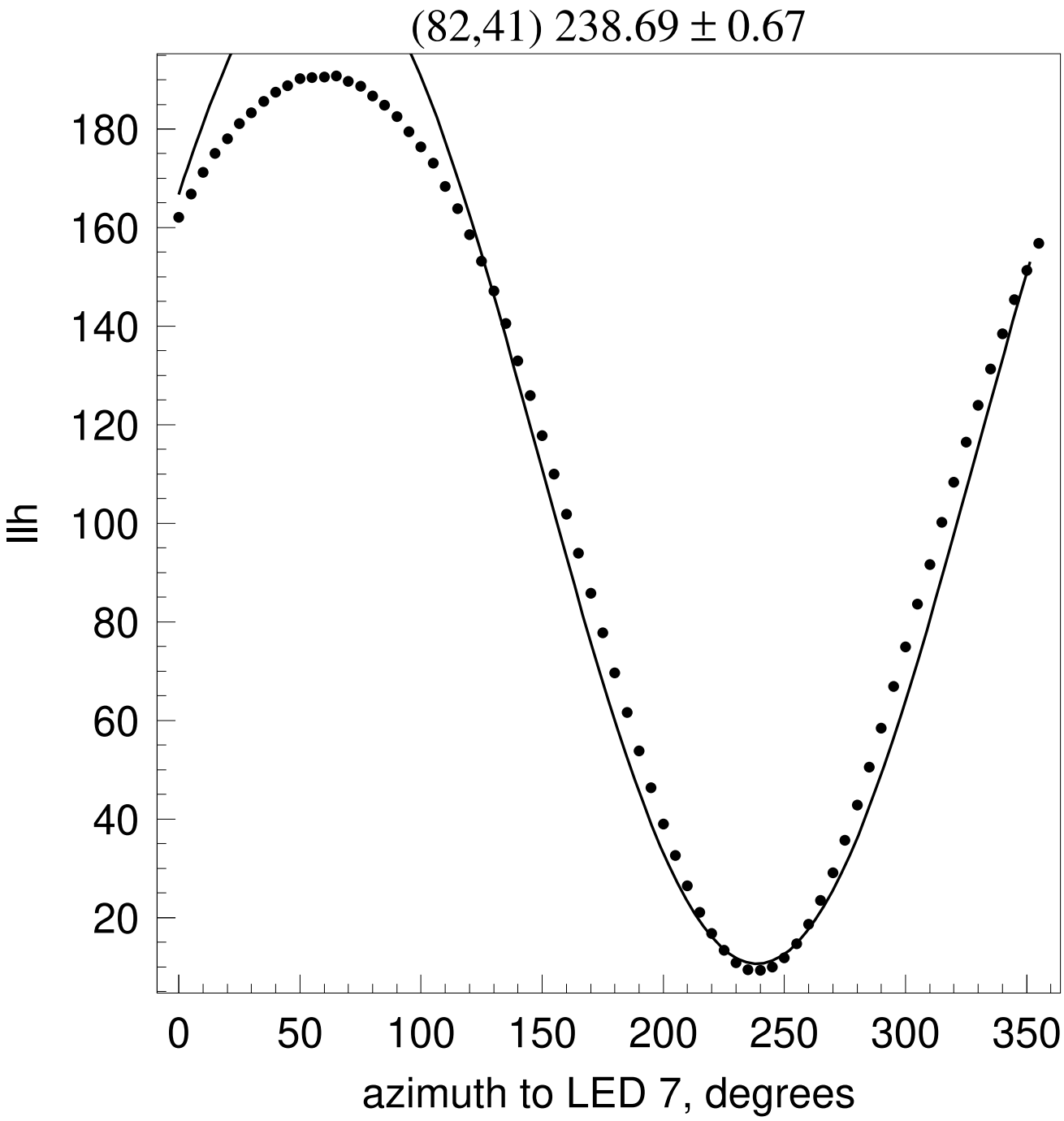

(82,36) 154.70 ± 0.71
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

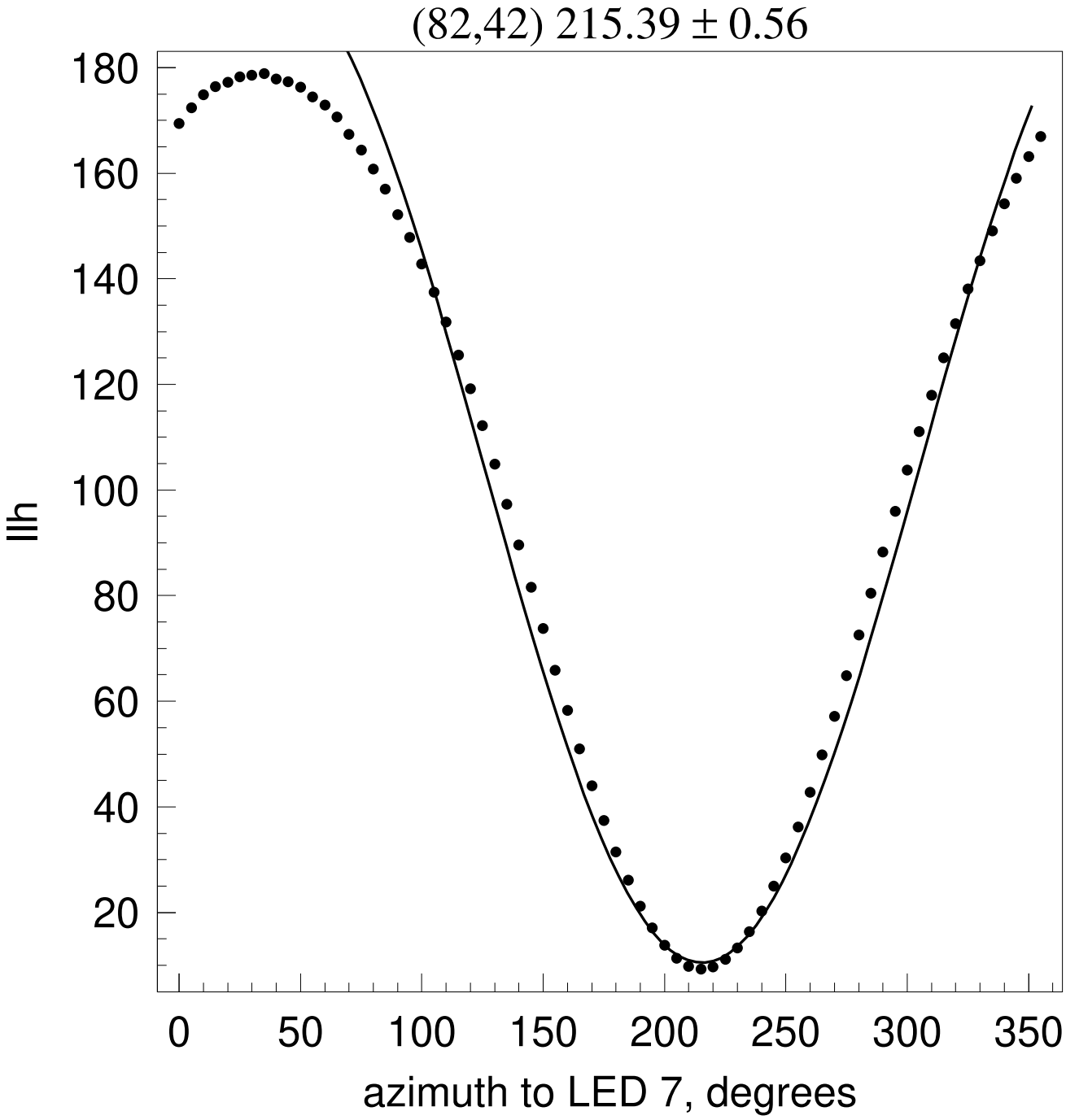

(82,37) 44.11 ± 0.71
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

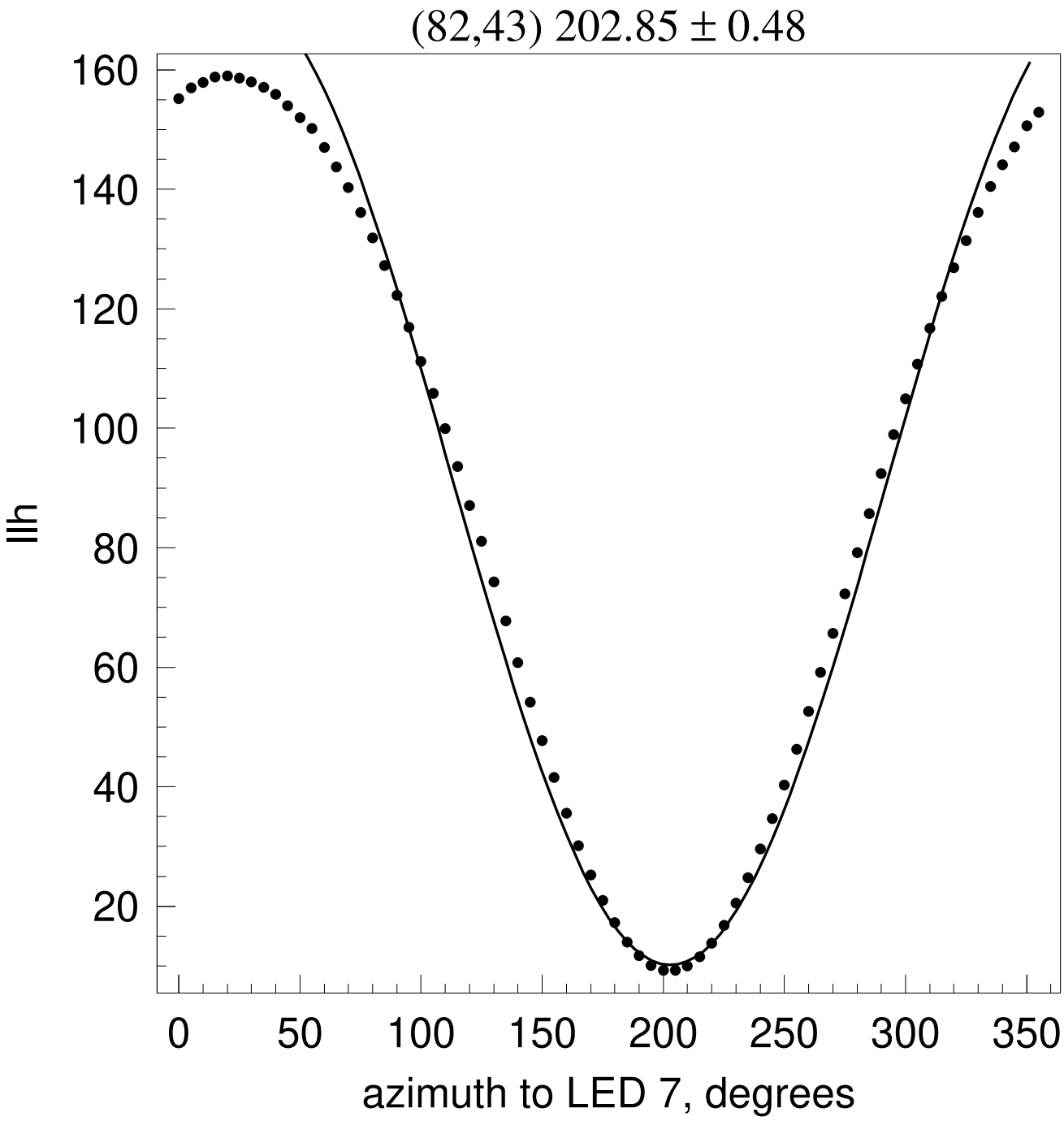

(82,38) 327.47 ± 0.65
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

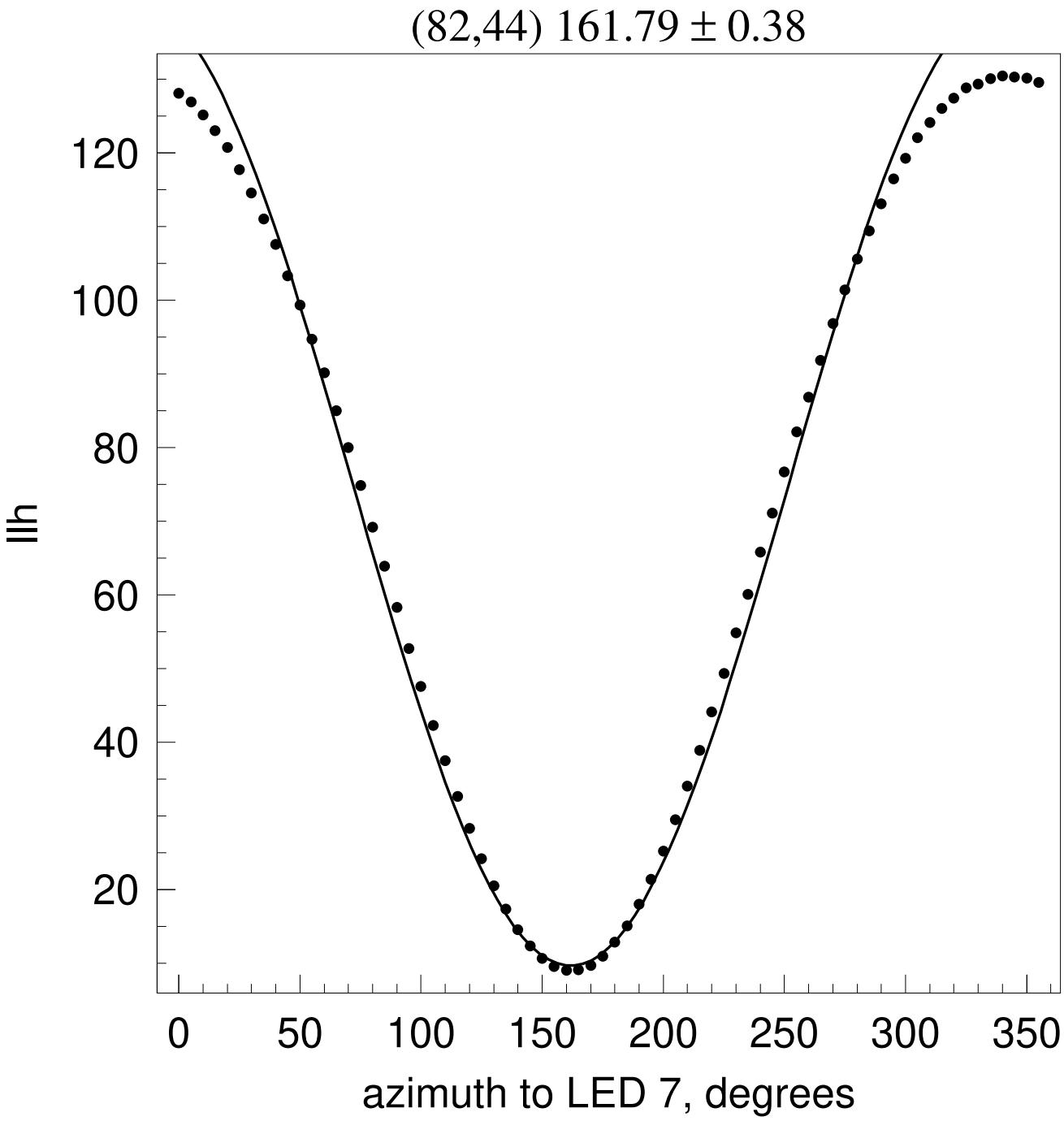

(82,39) 277.38 ± 0.70
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

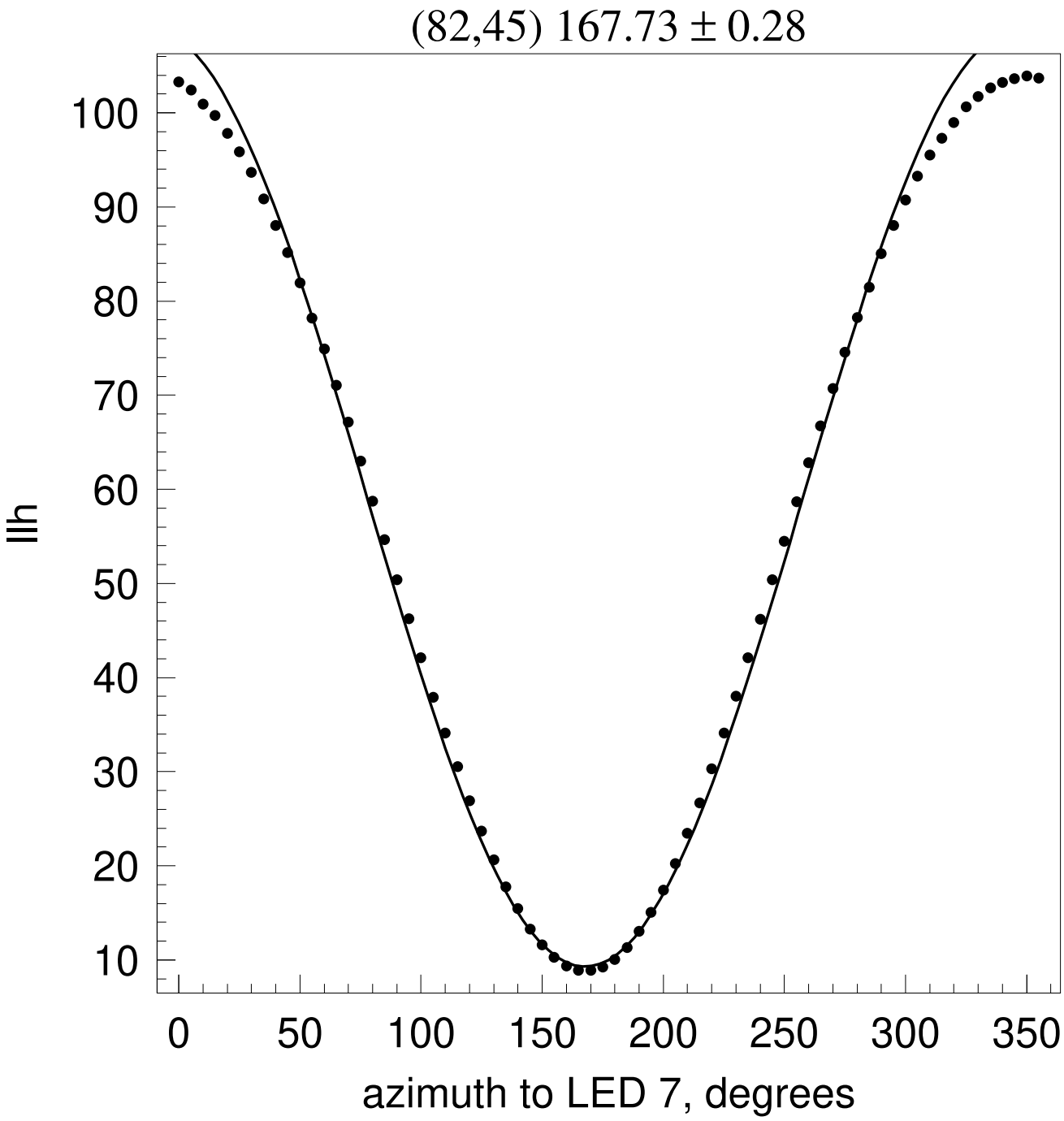

(82,40) 269.16 ± 0.66
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

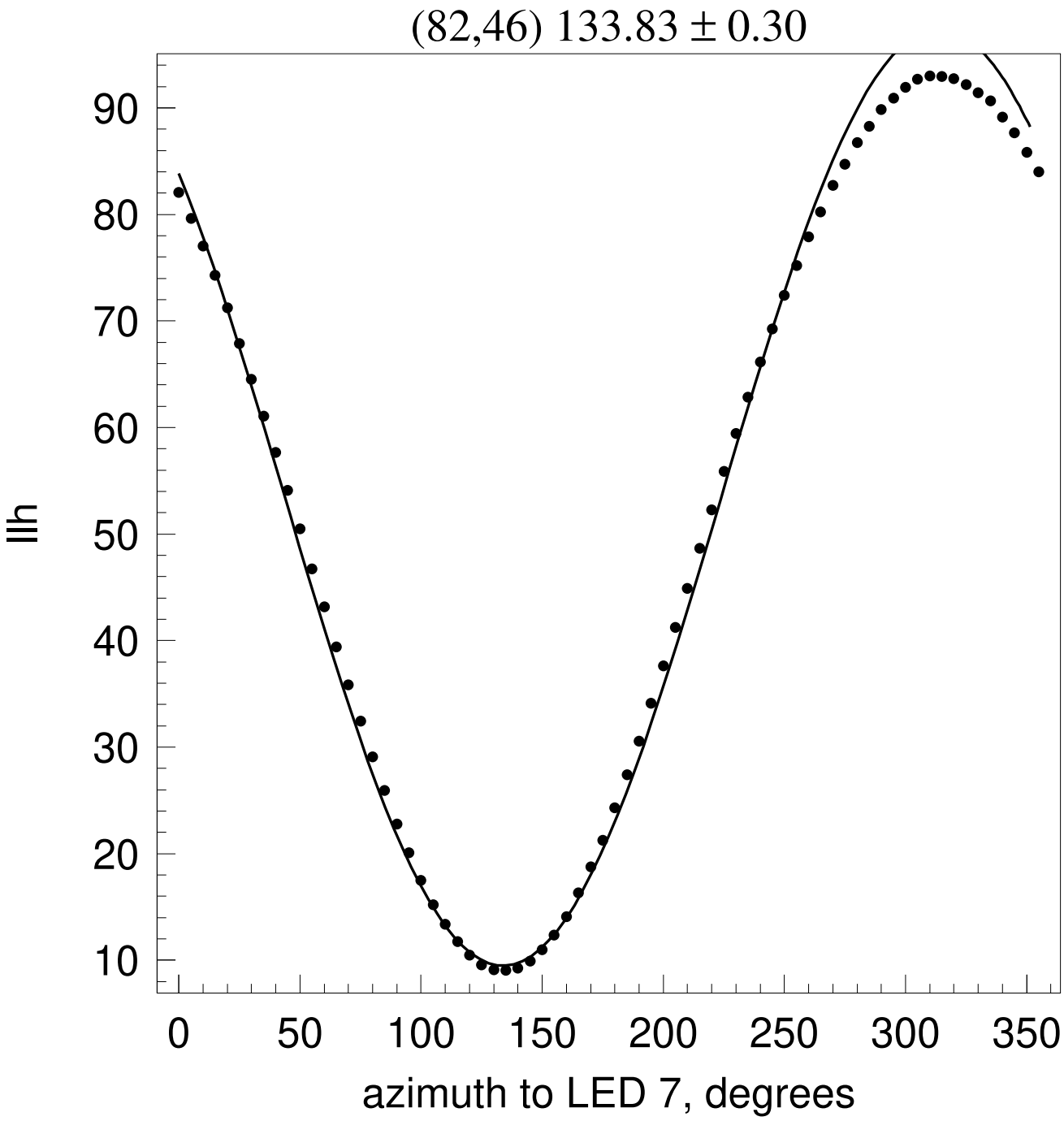

(82,41) 238.69 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

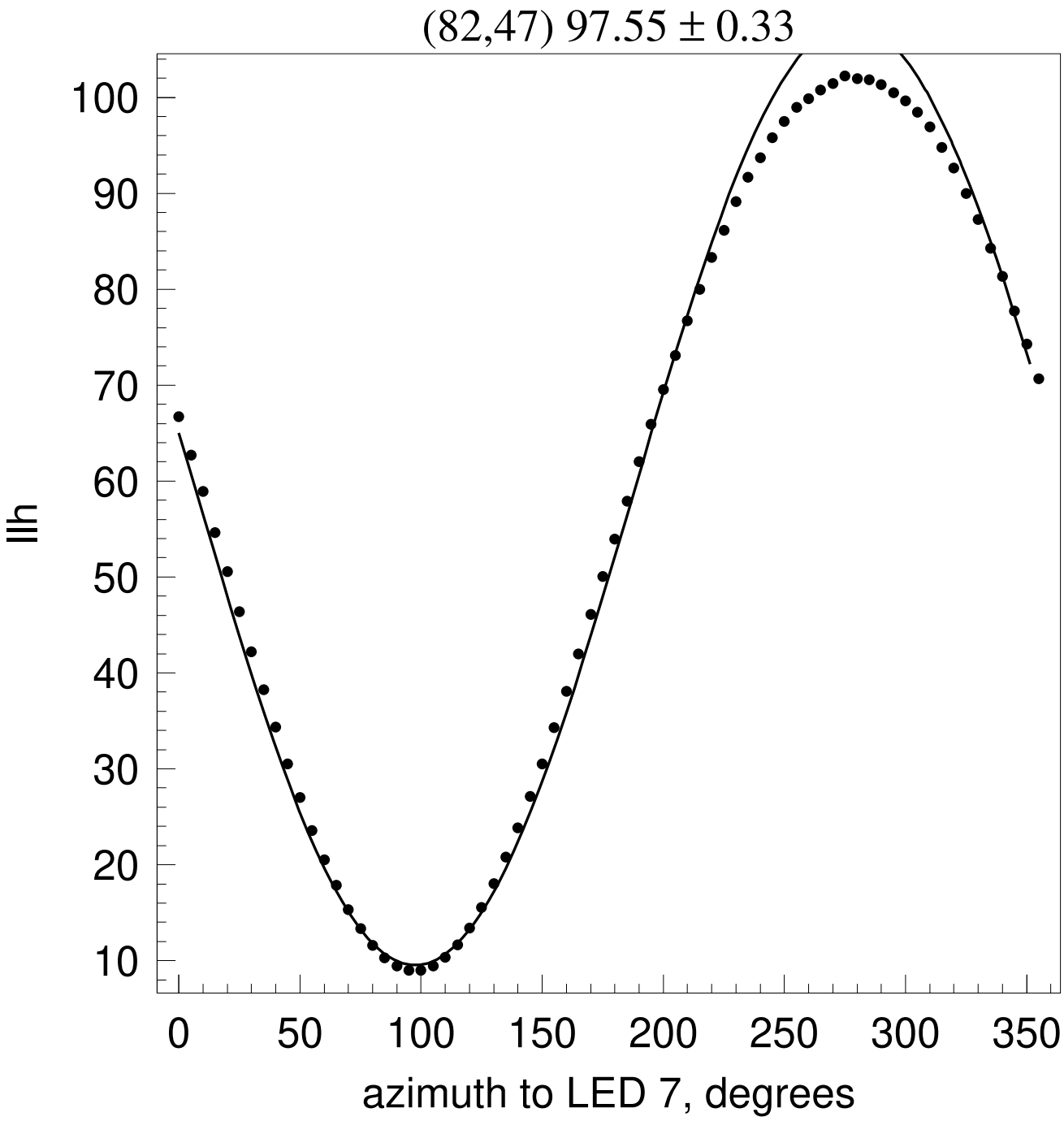

(82,42) 215.39 ± 0.56
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

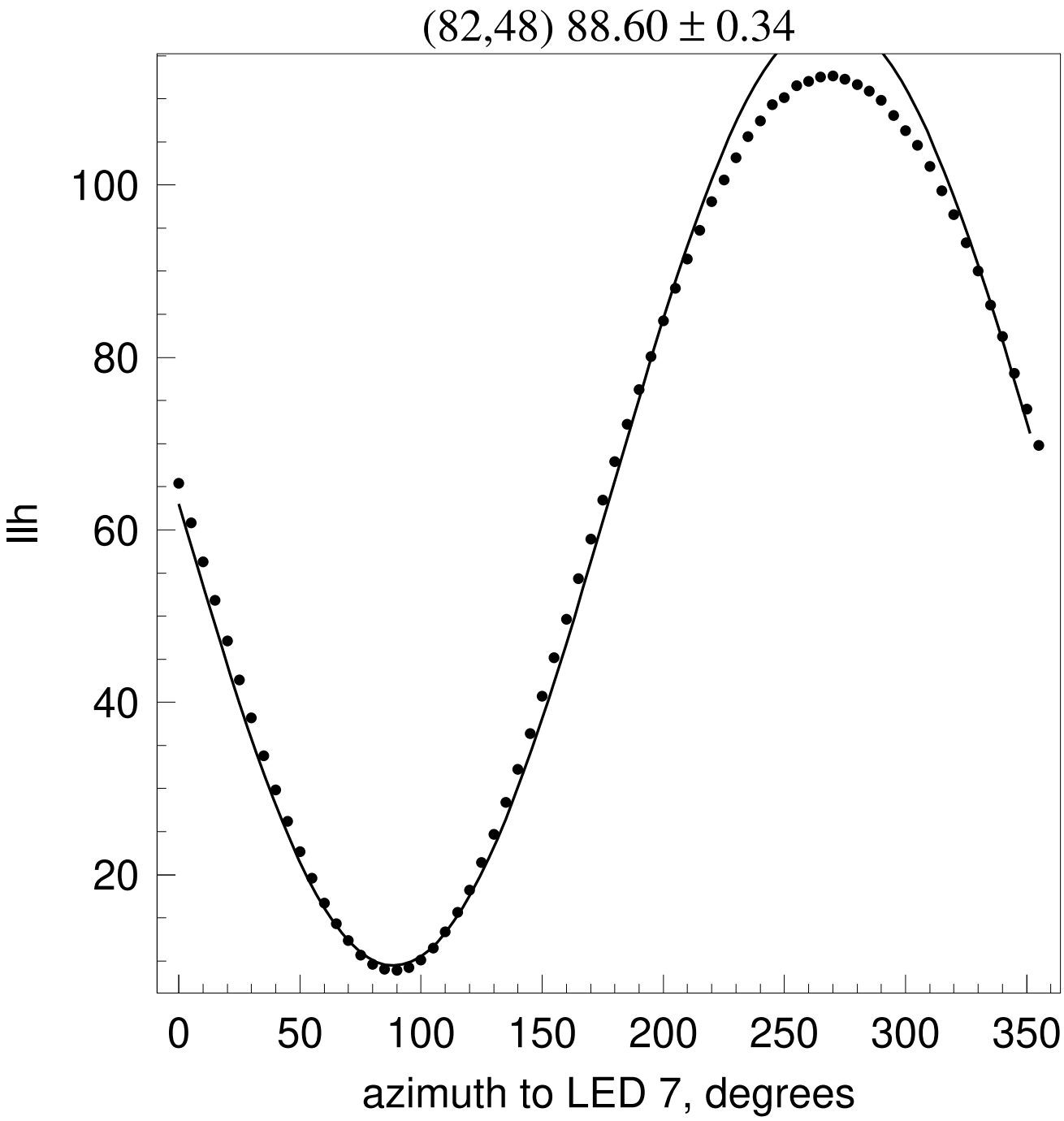

(82,43) 202.85 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

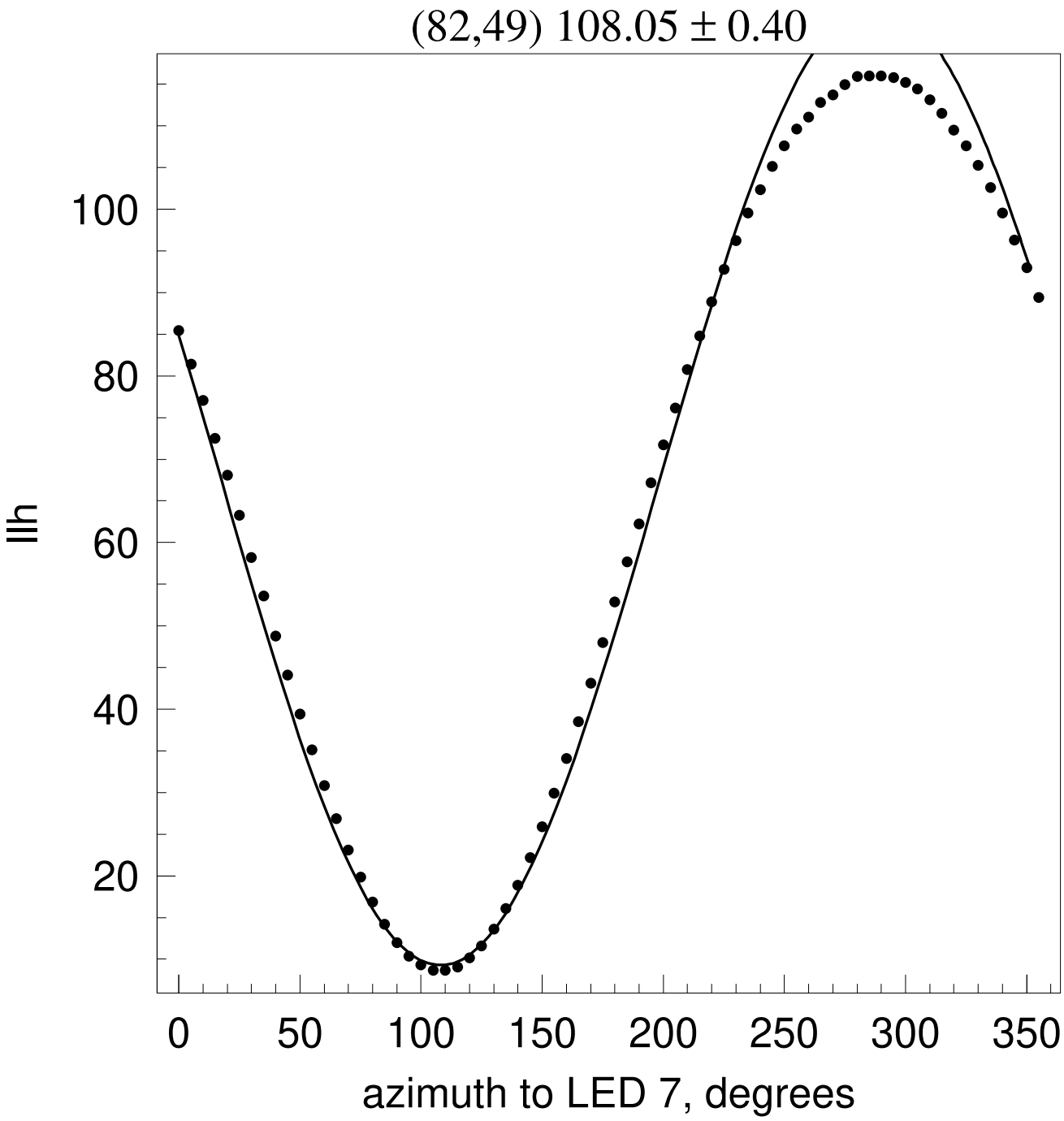

(82,44) 161.79 ± 0.38
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

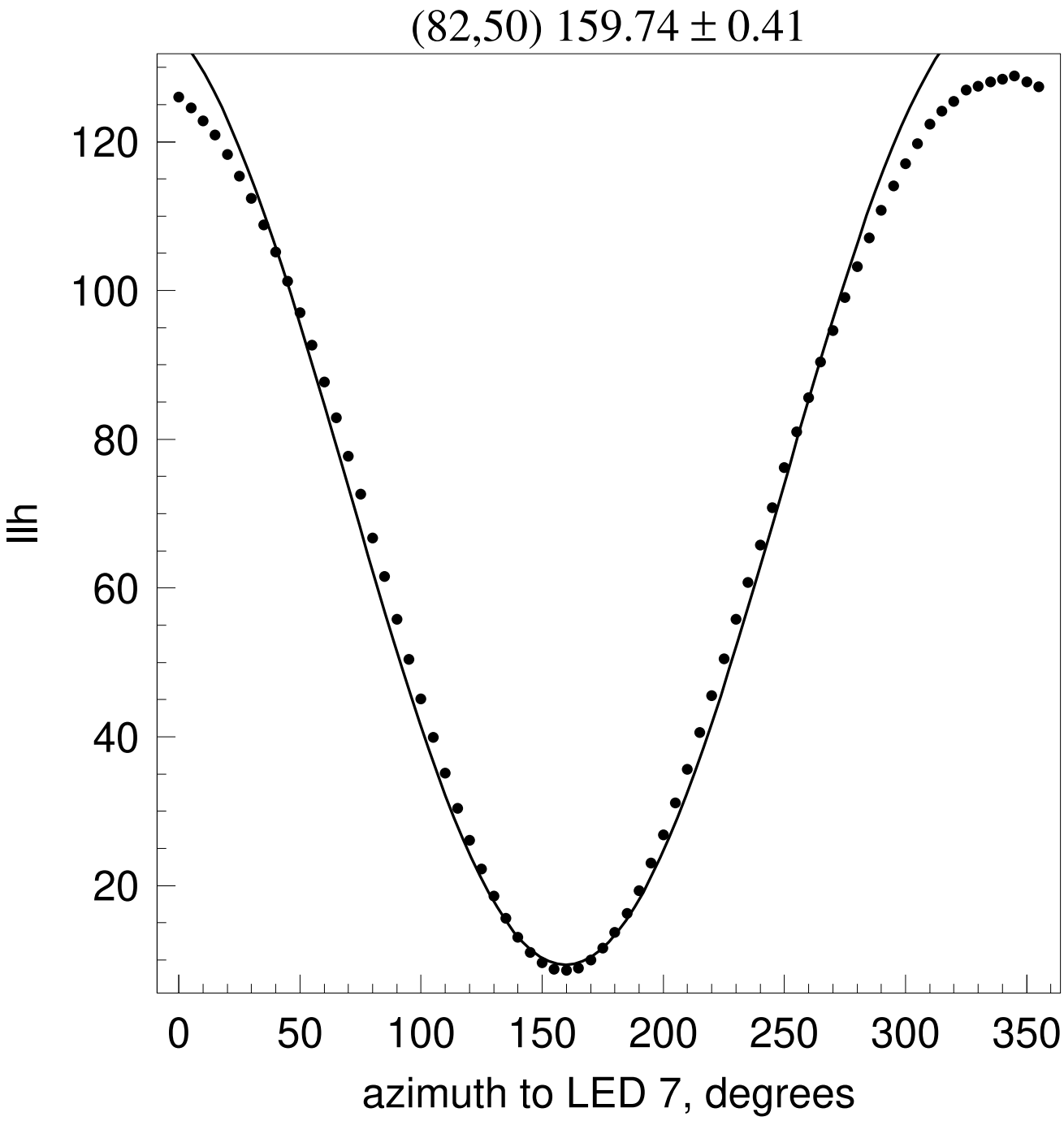

(82,45) 167.73 ± 0.28
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

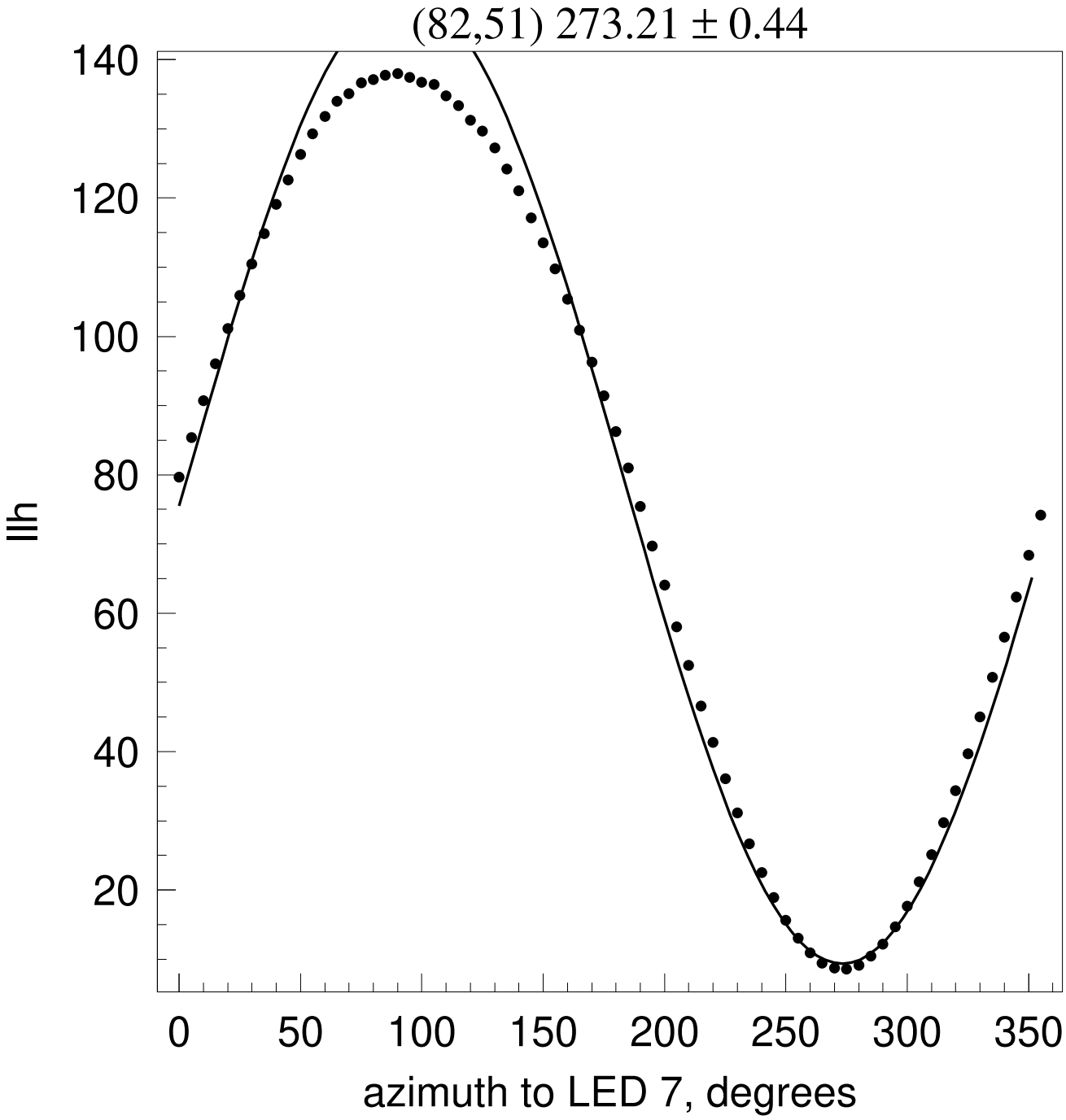

(82,46) 133.83 ± 0.30
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

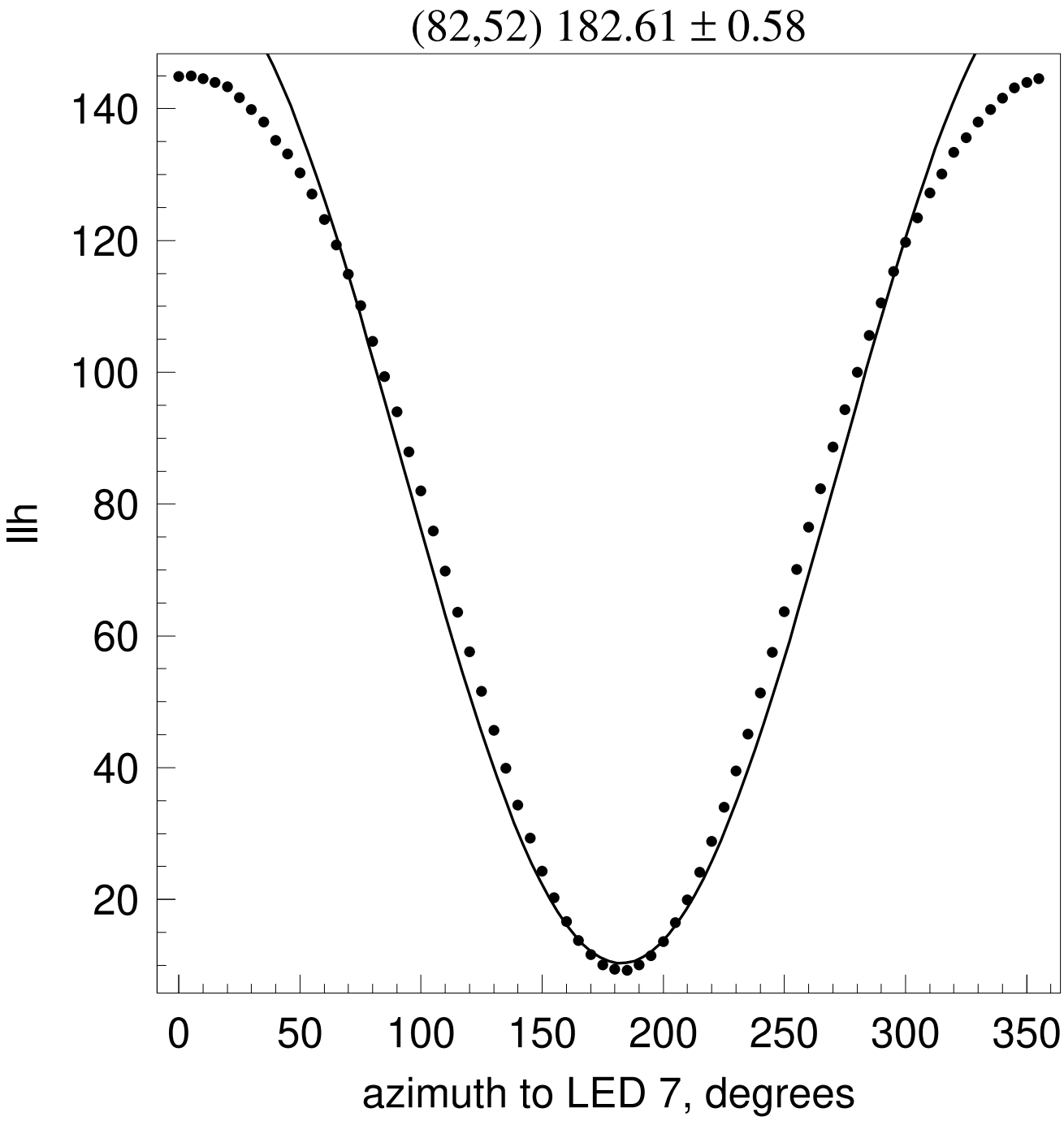

(82,47) 97.55 ± 0.33
llh
100
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

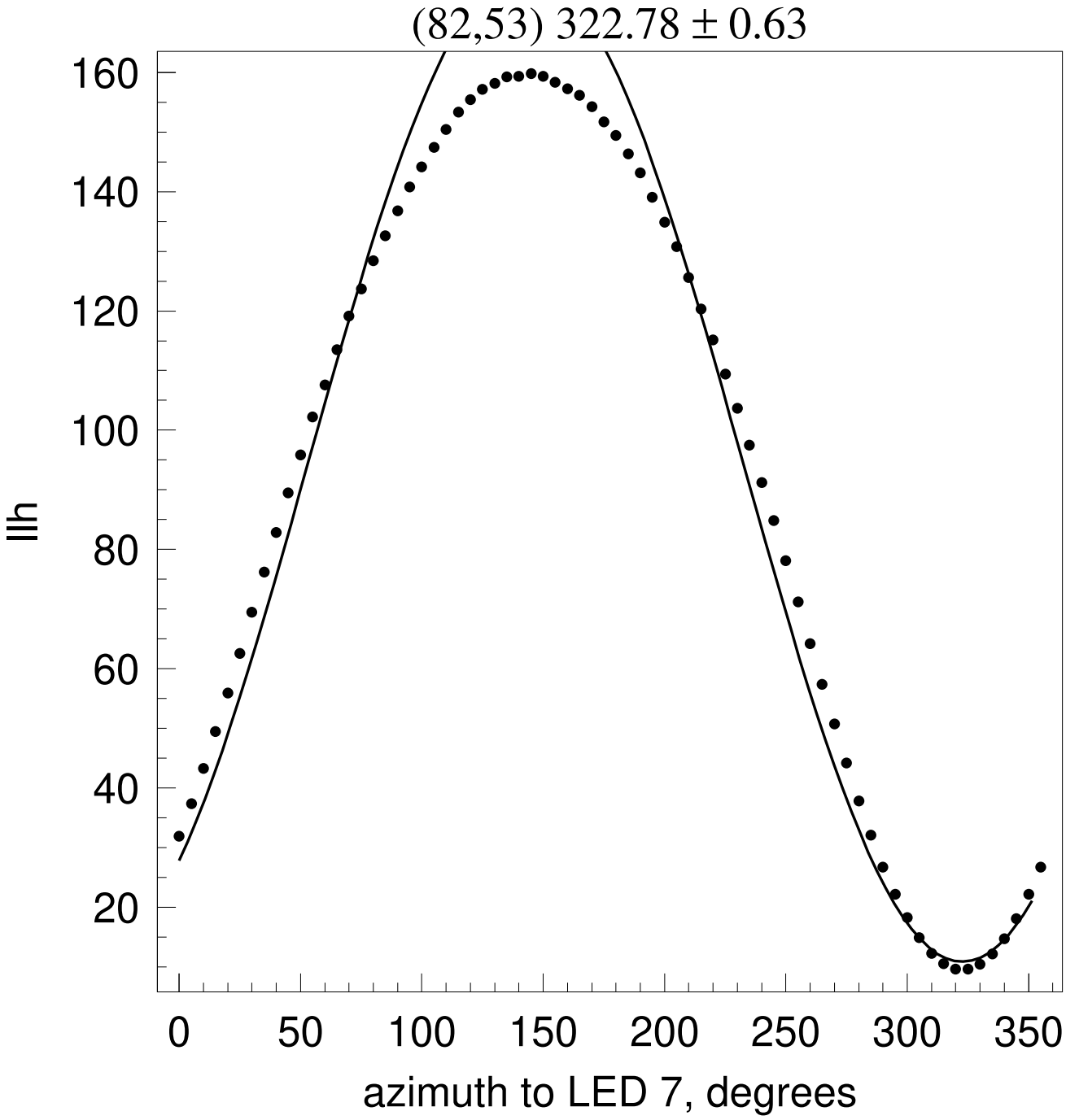

(82,48) 88.60 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

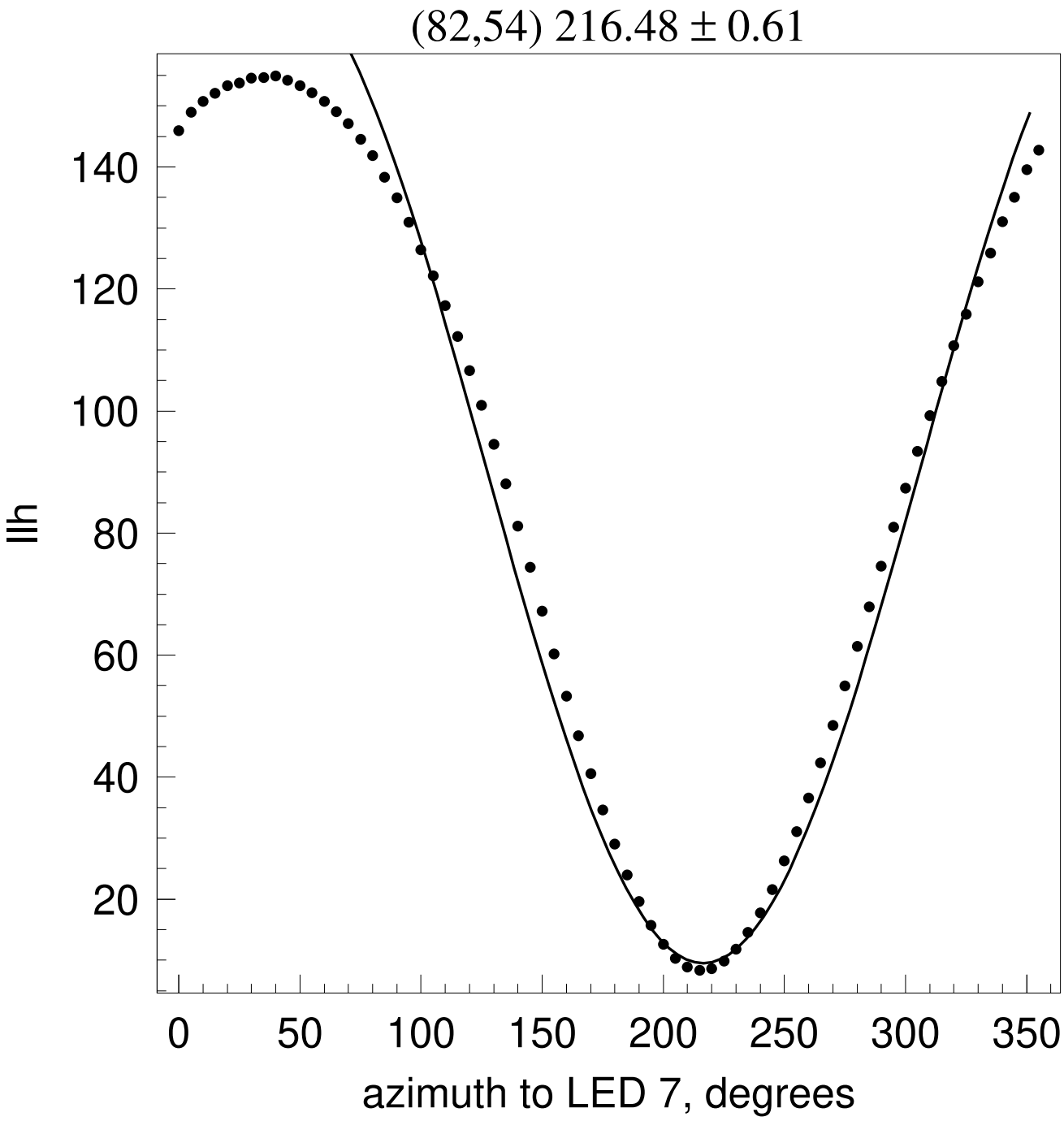

(82,49) 108.05 ± 0.40
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

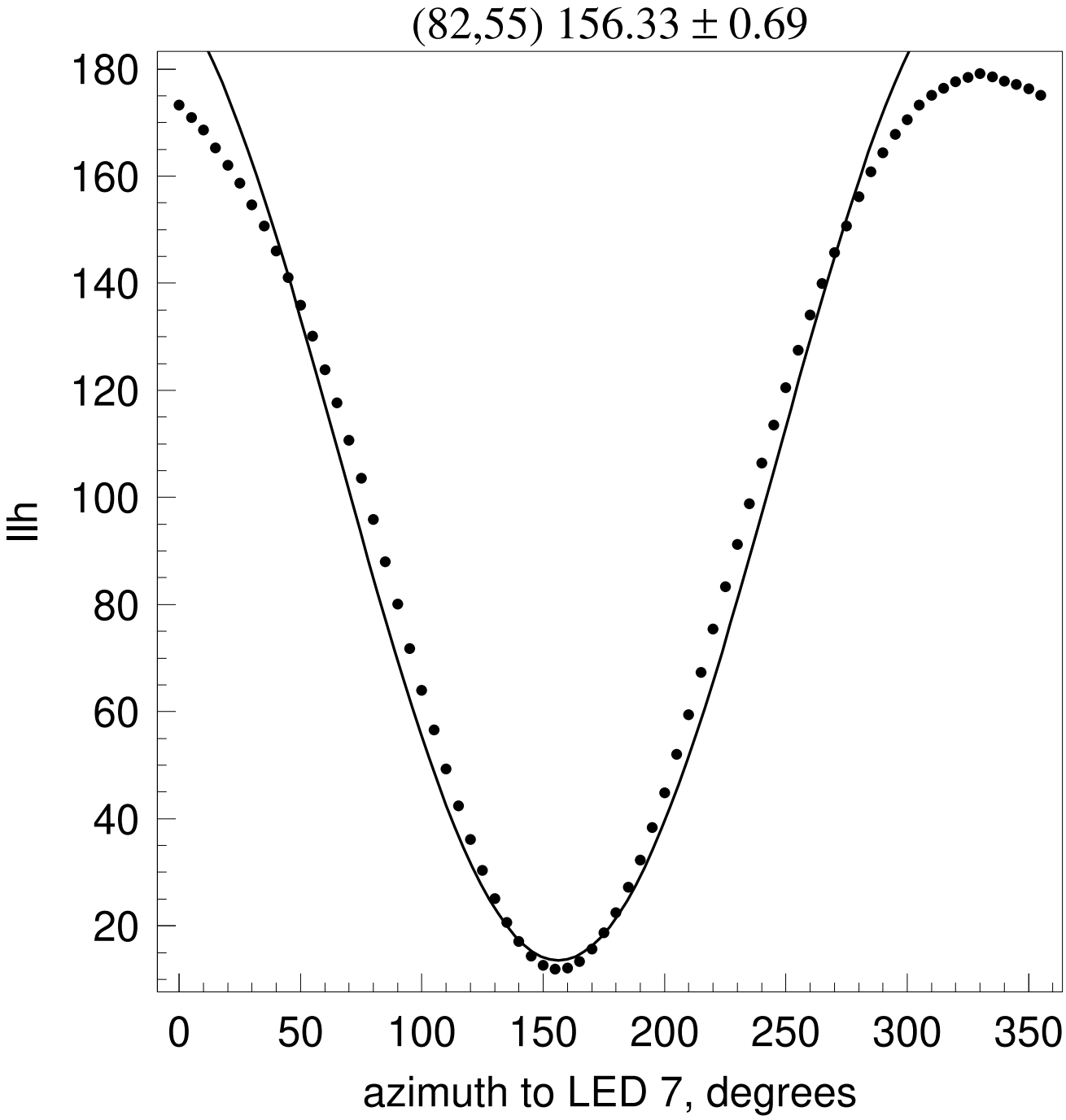

(82,50) 159.74 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

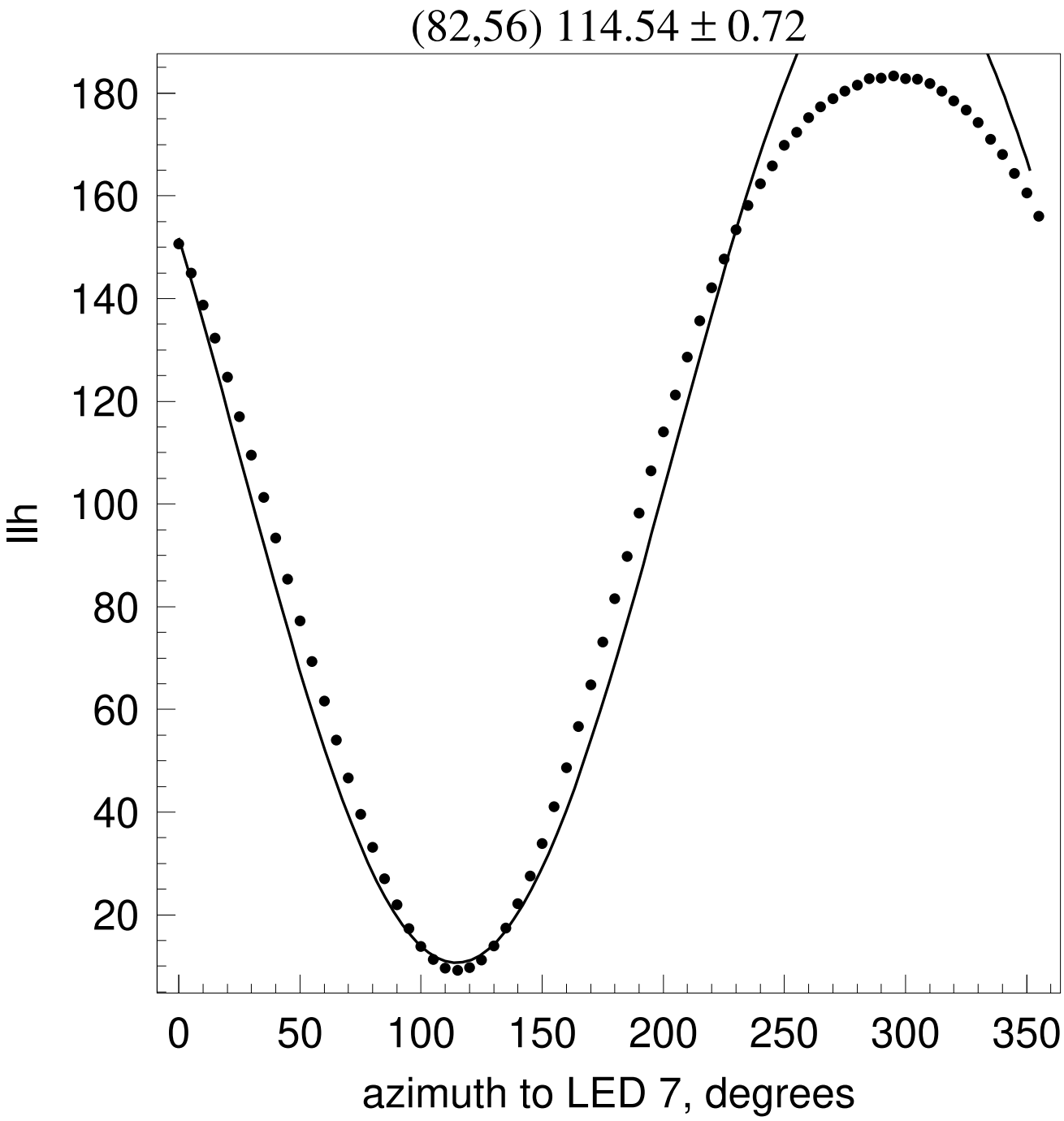

(82,51) 273.21 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

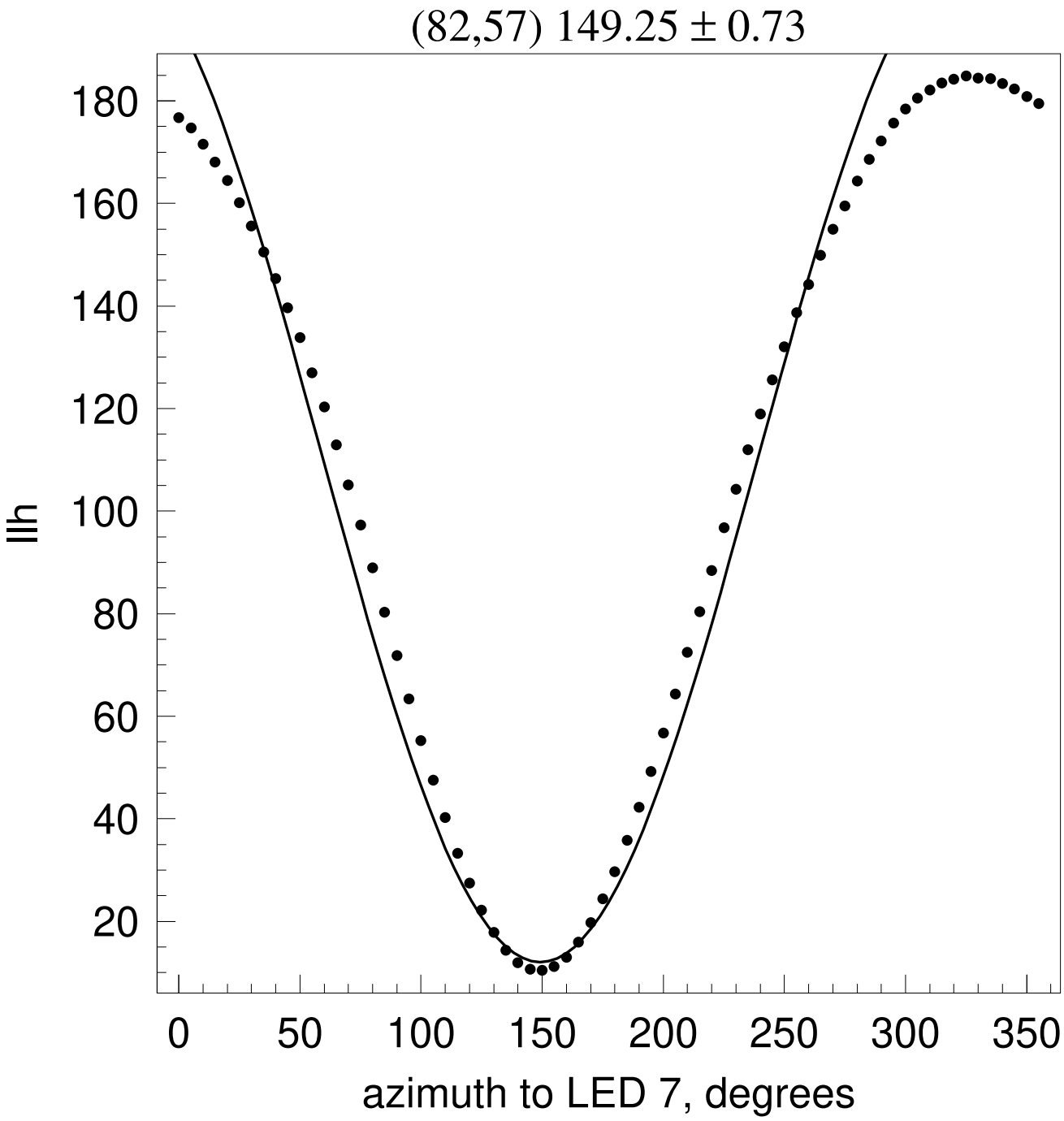

(82,52) 182.61 ± 0.58
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

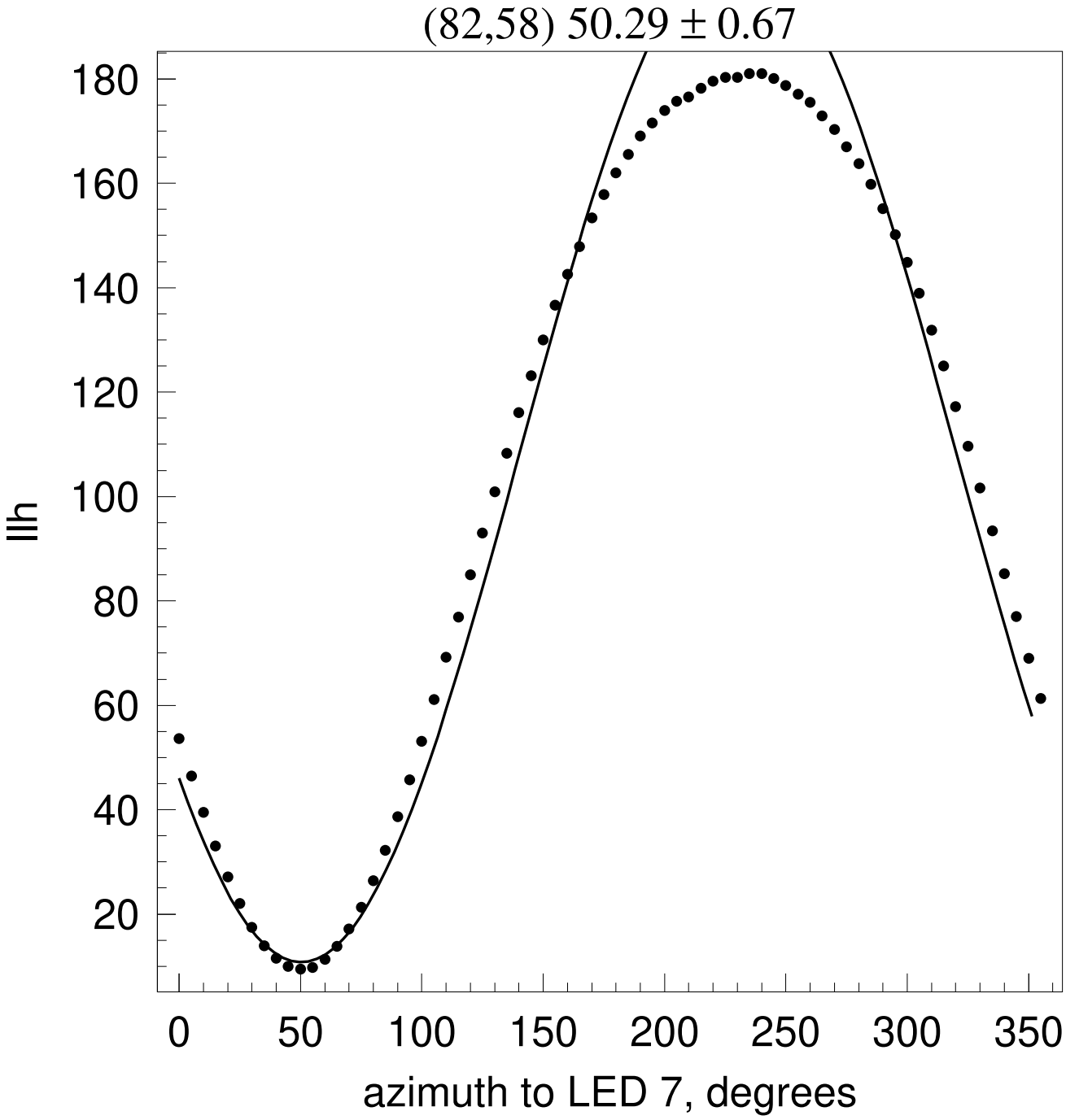

(82,53) 322.78 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

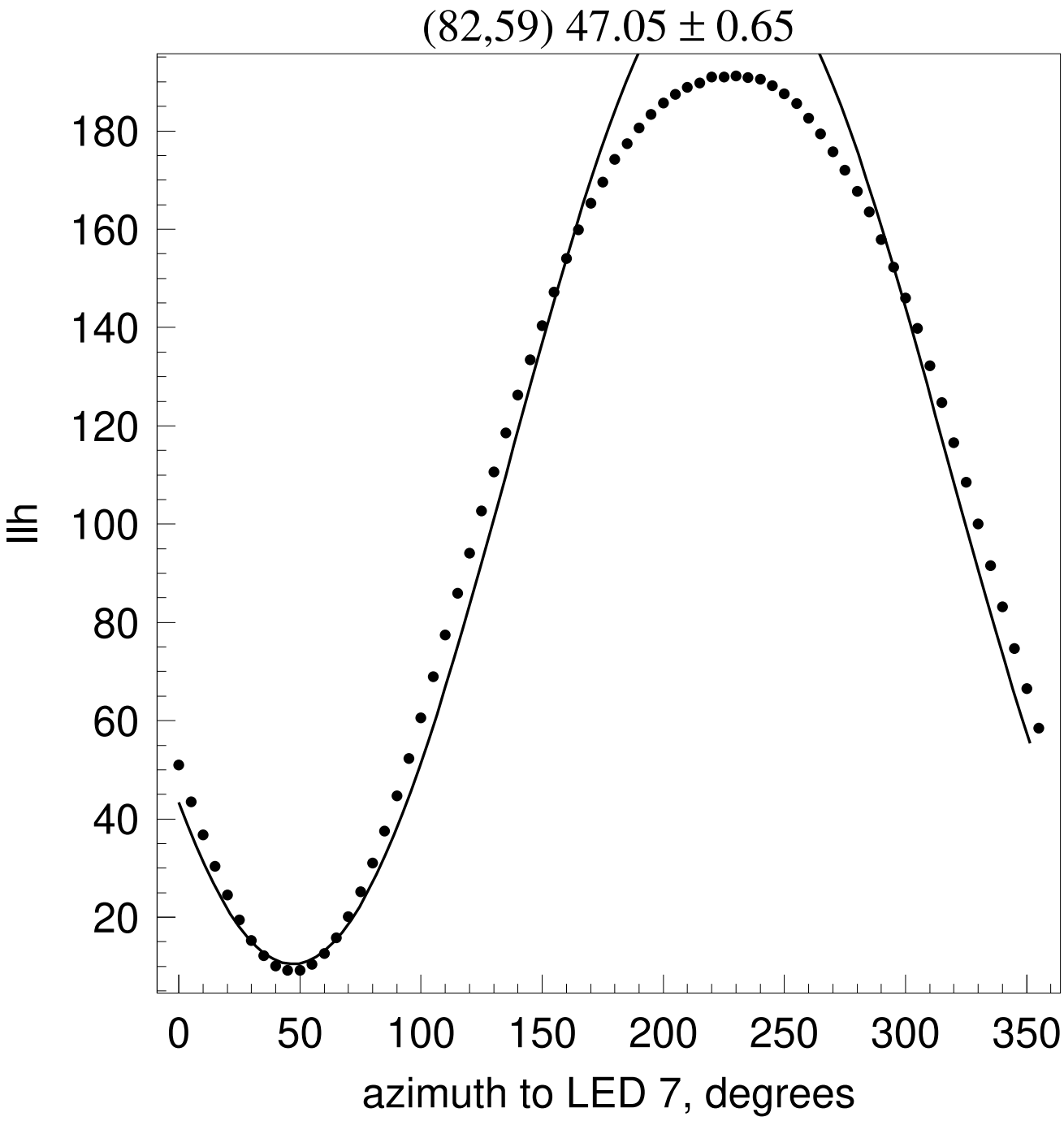

(82,54) 216.48 ± 0.61
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

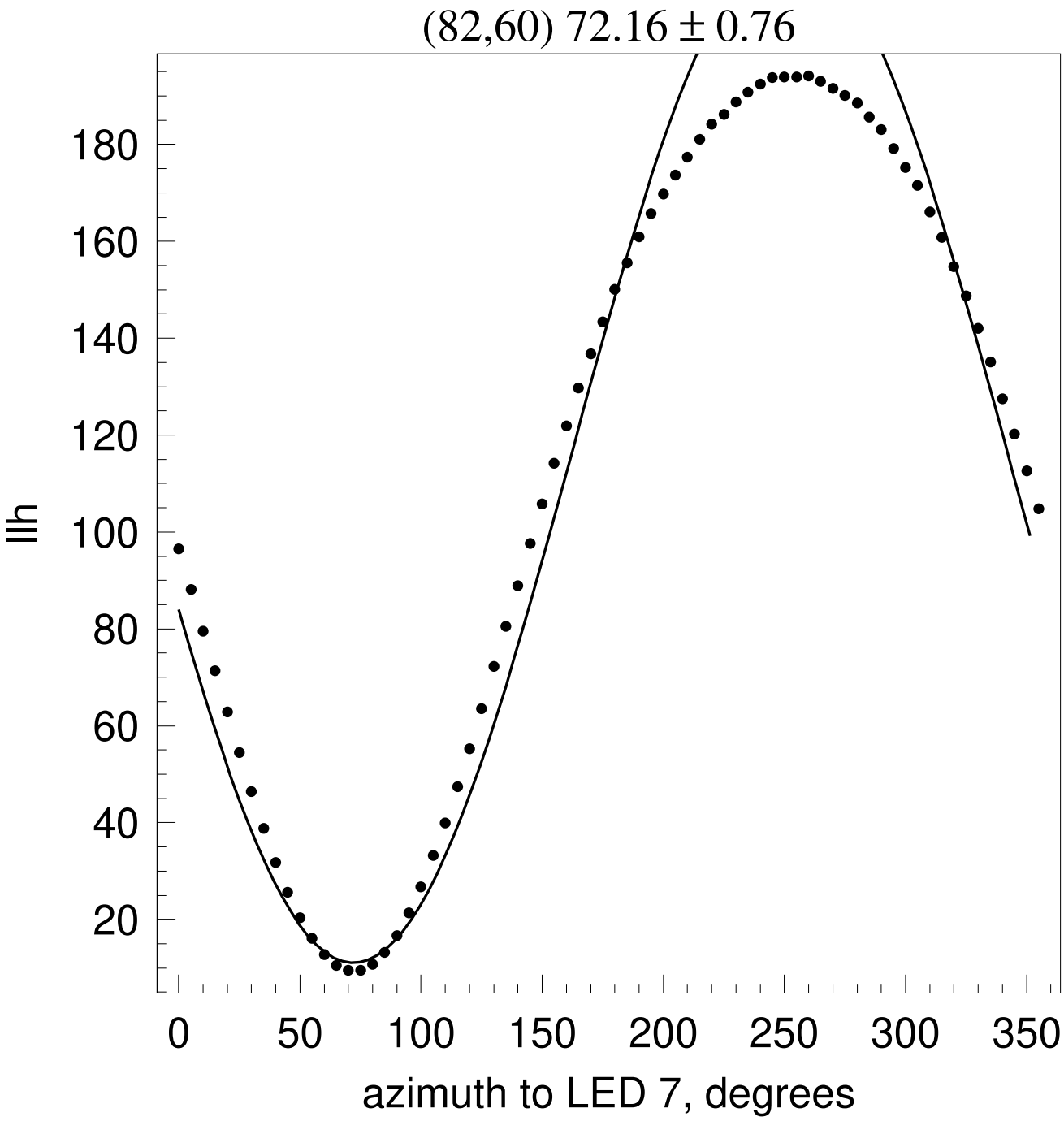

(82,55) 156.33 ± 0.69
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

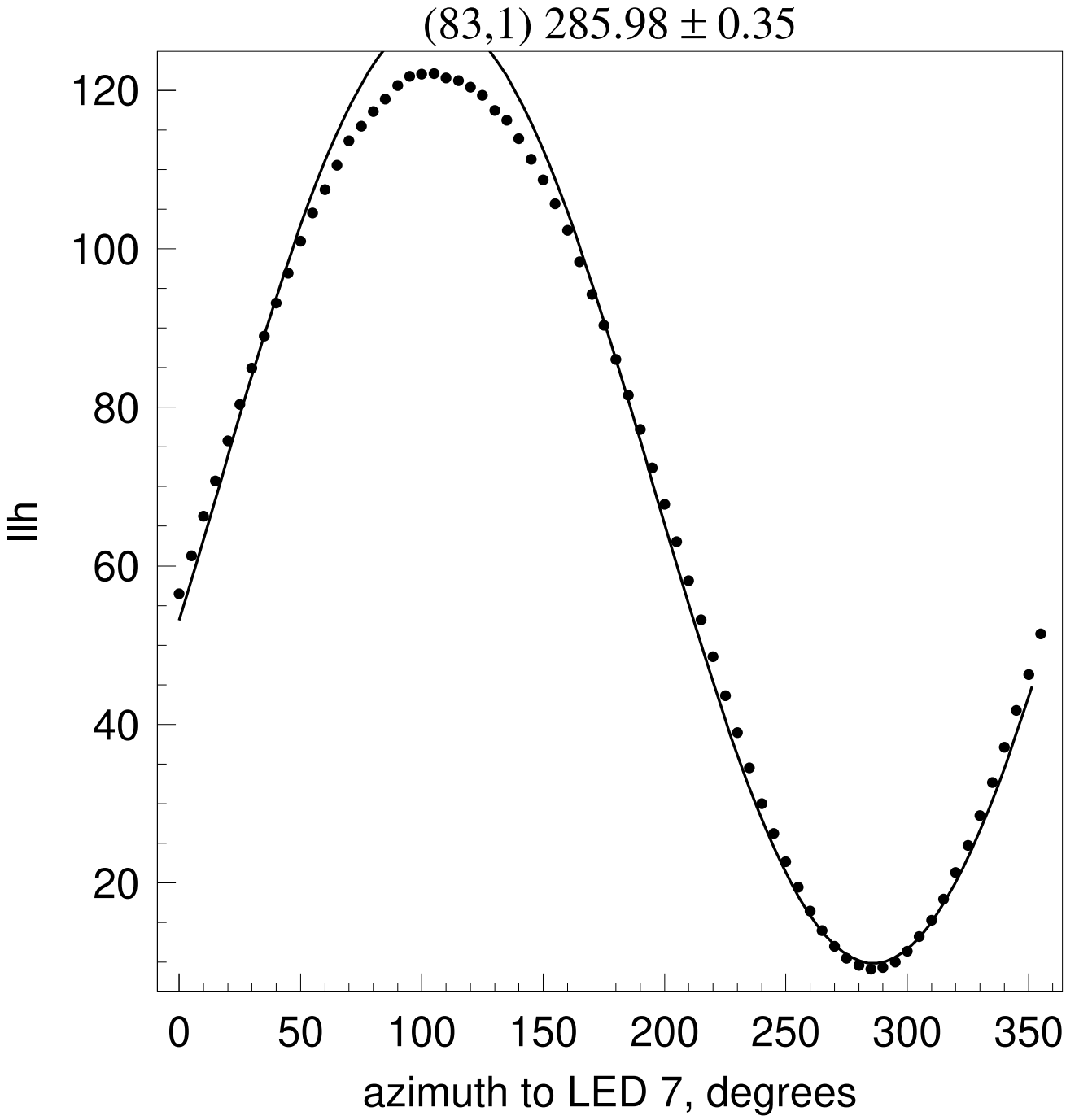

(82,56) 114.54 ± 0.72
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

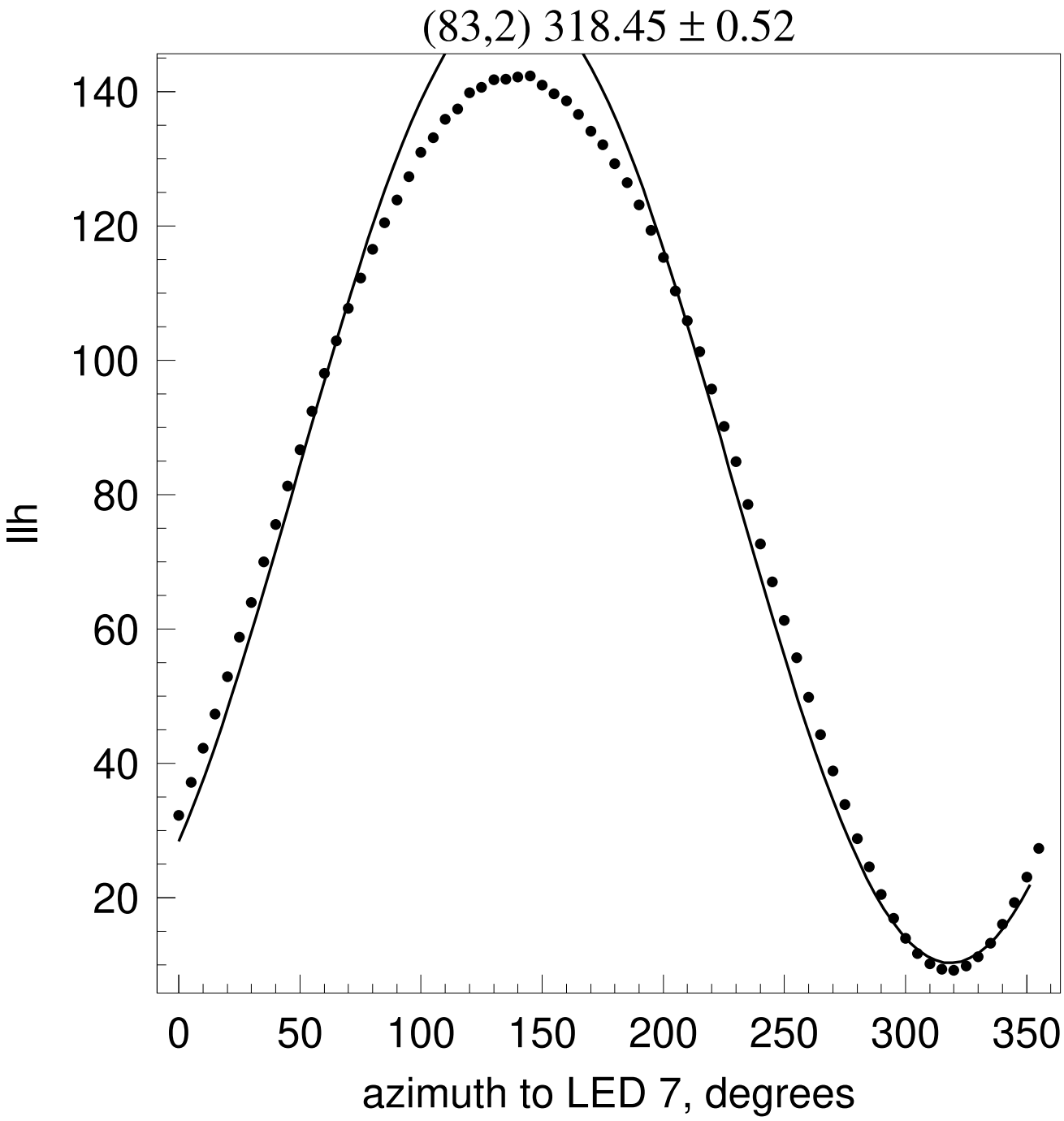

(82,57) 149.25 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

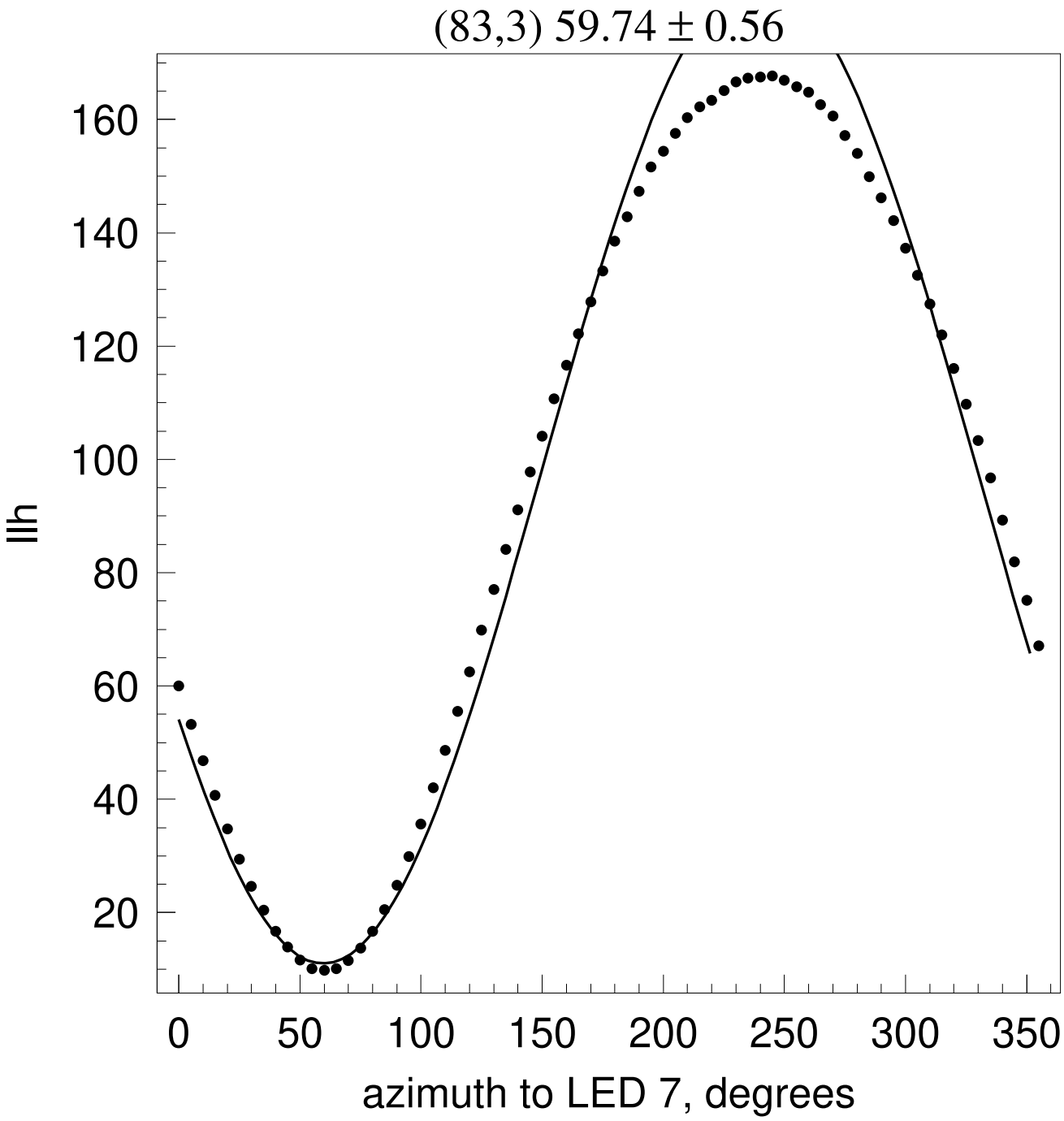

(82,58) 50.29 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

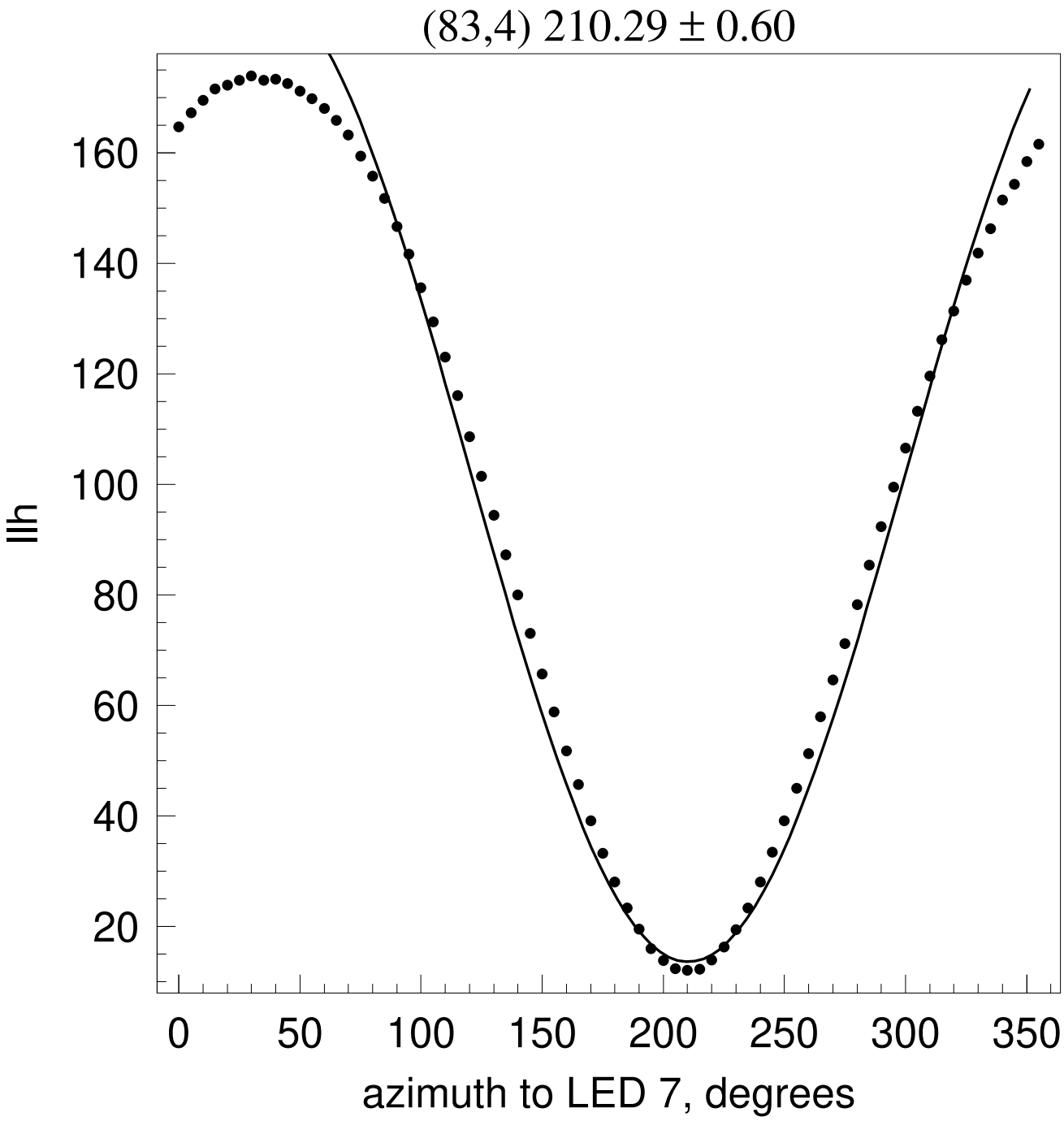

(82,59) 47.05 ± 0.65
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

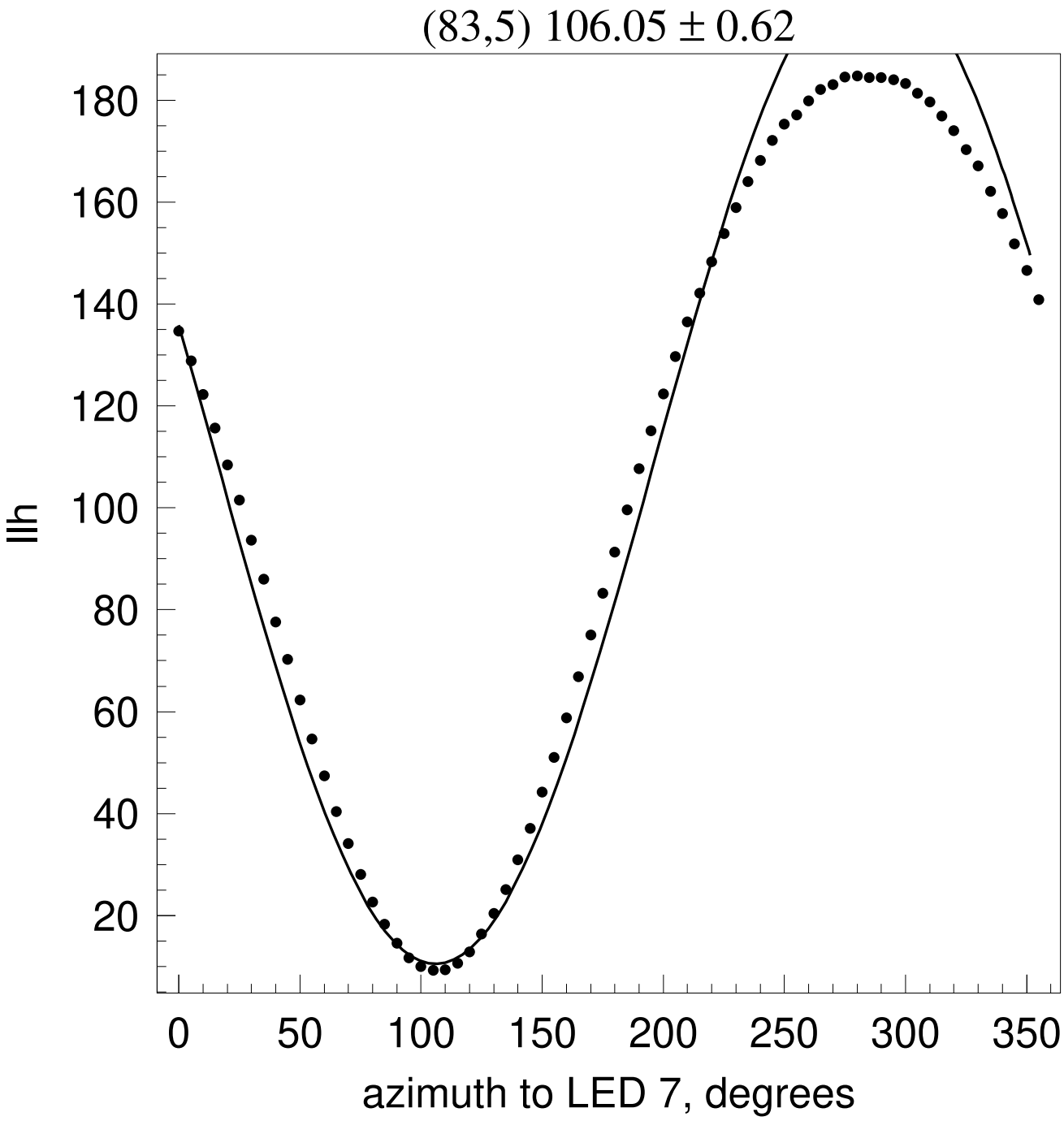

(82,60) 72.16 ± 0.76
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

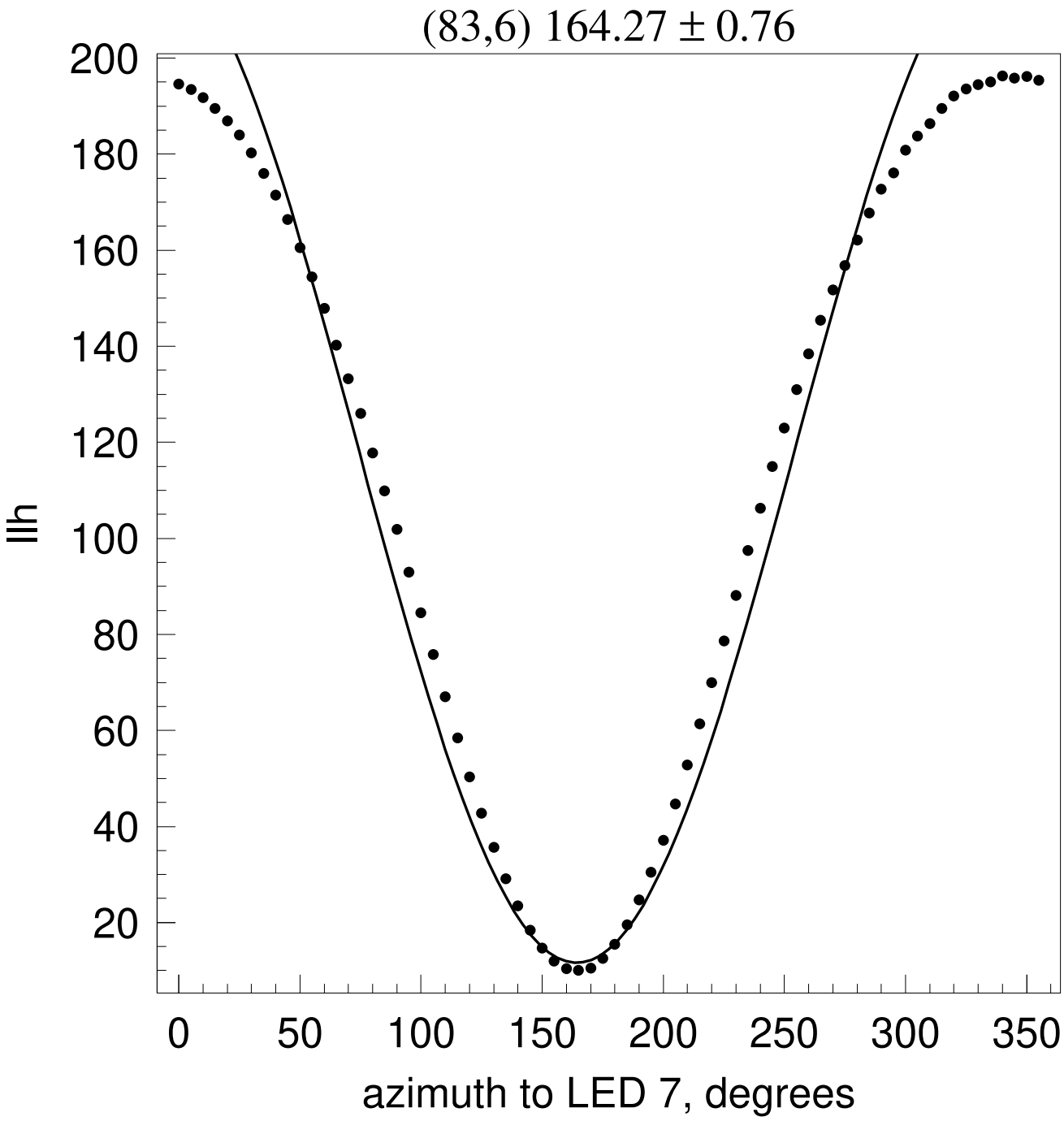

(83,1) 285.98 ± 0.35
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

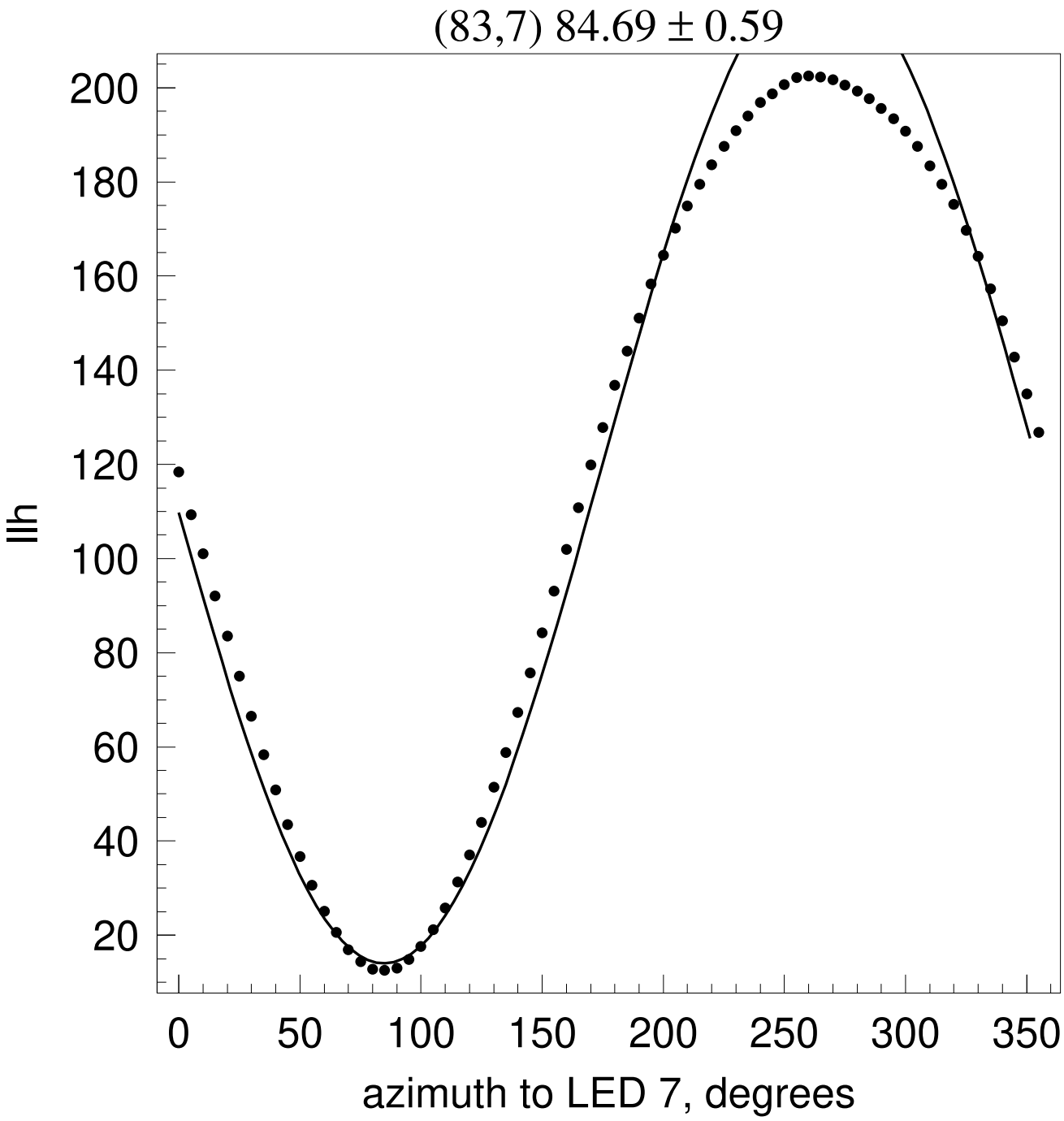

(83,2) 318.45 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

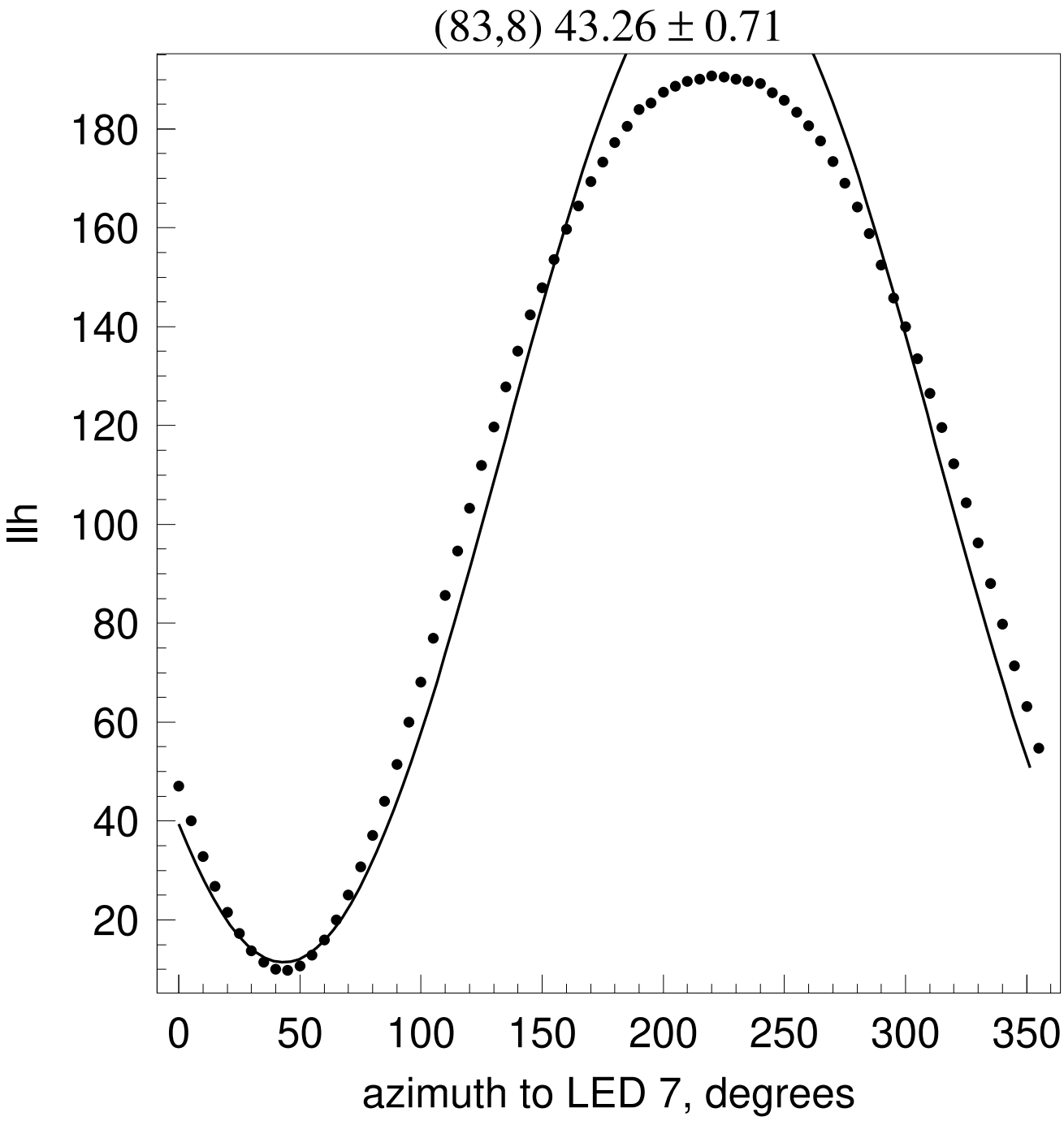

(83,3) 59.74 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

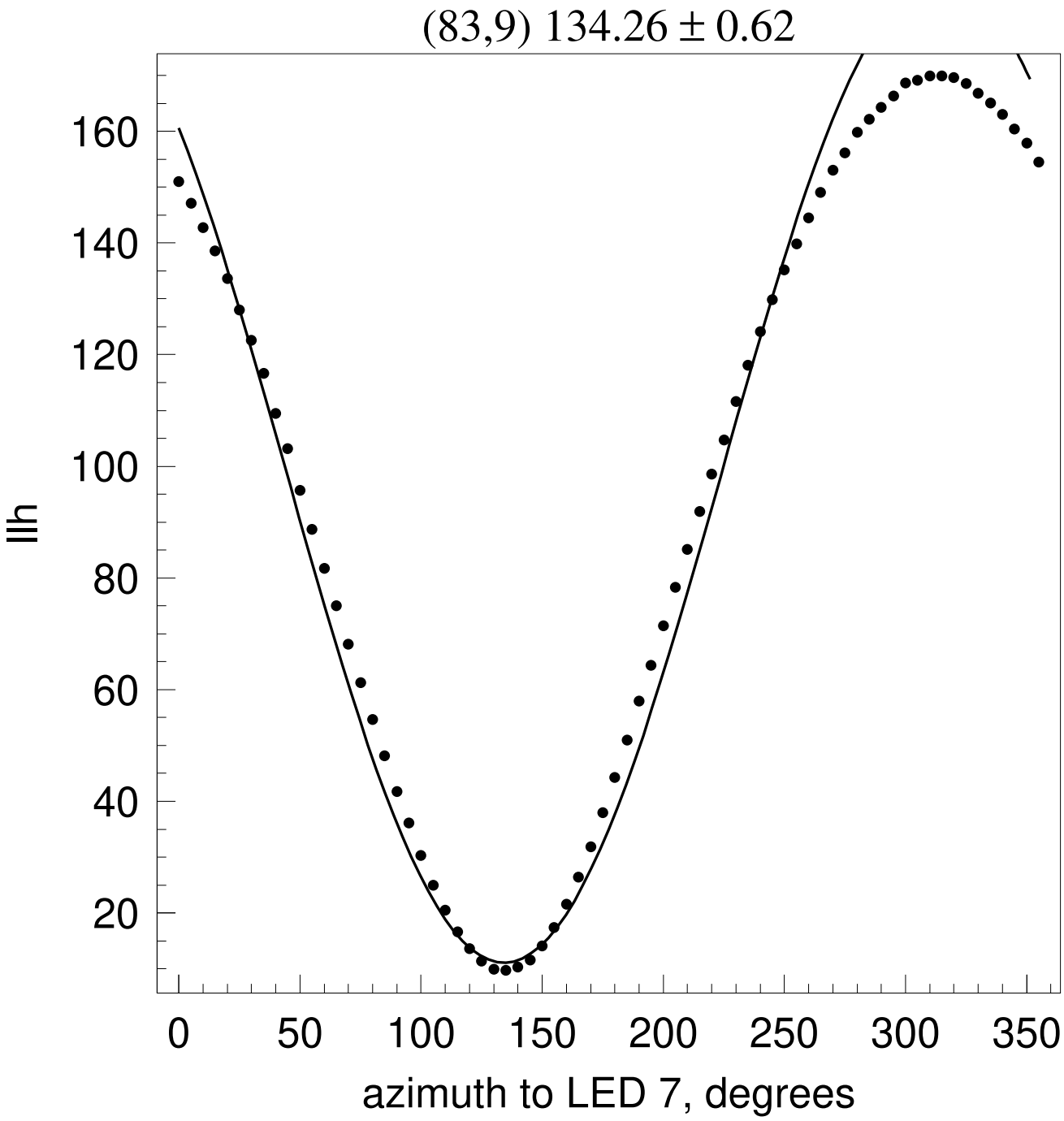

(83,4) 210.29 ± 0.60
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

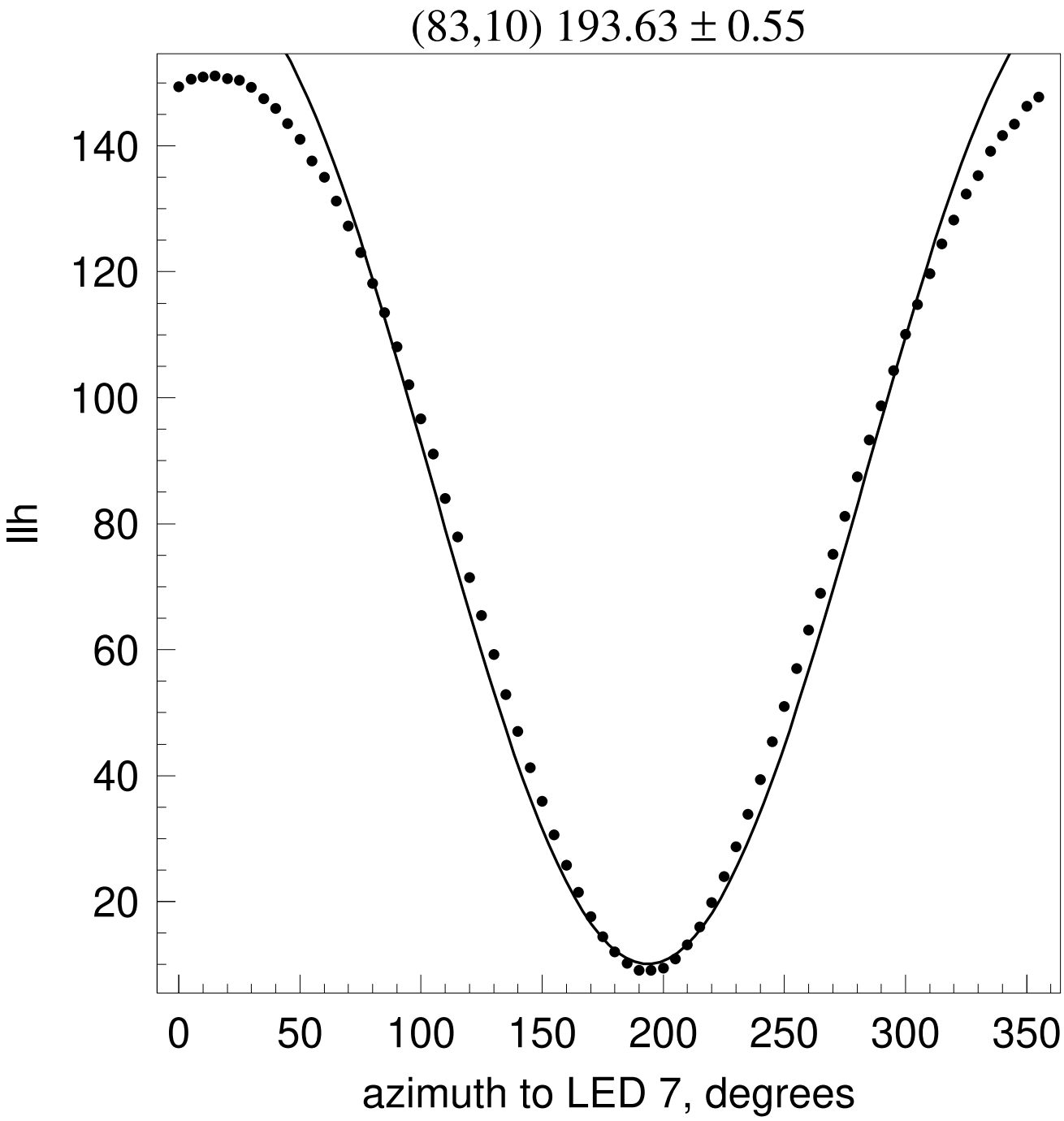

(83,5) 106.05 ± 0.62
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

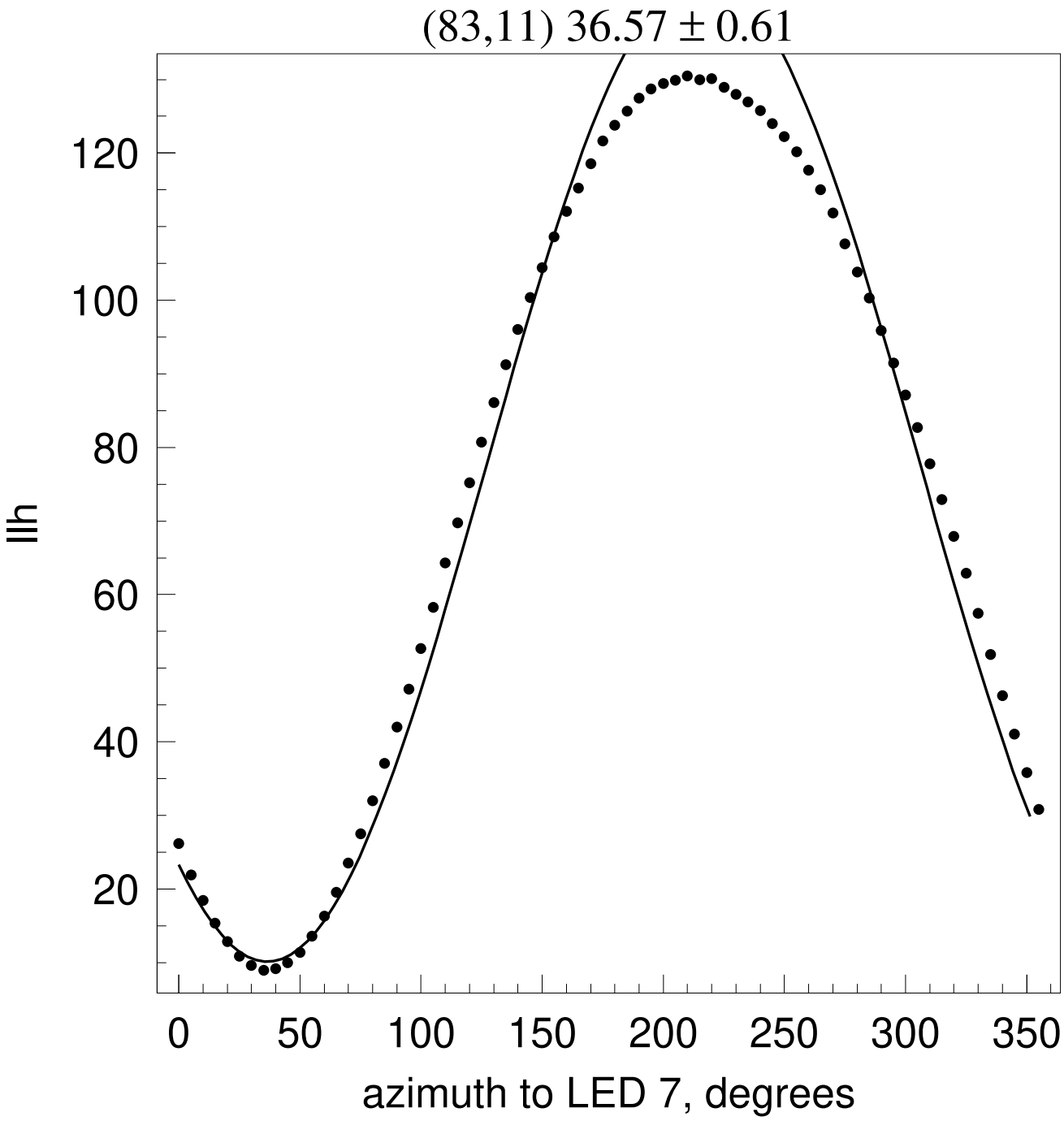

(83,6) 164.27 ± 0.76
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

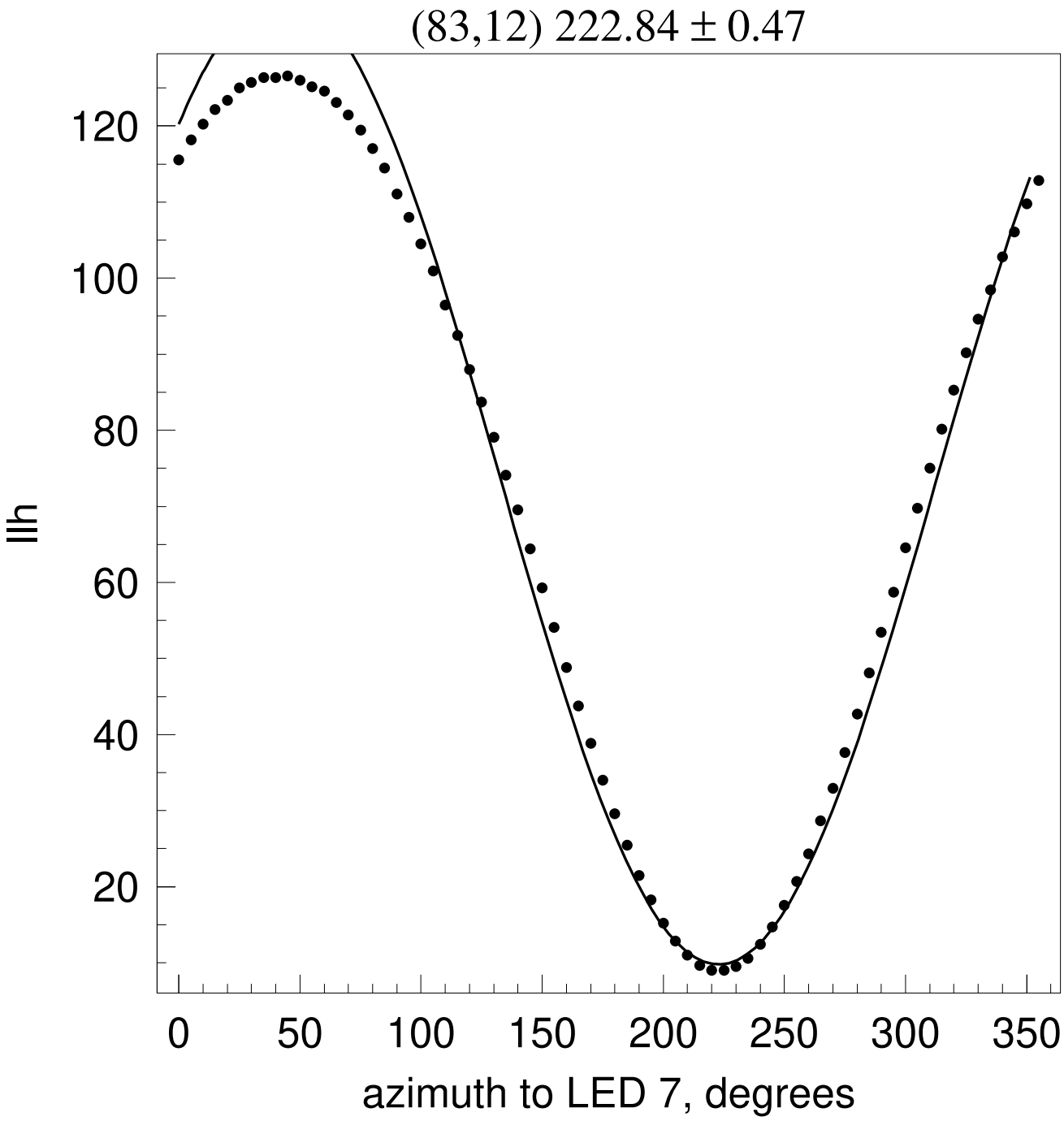

(83,7) 84.69 ± 0.59
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

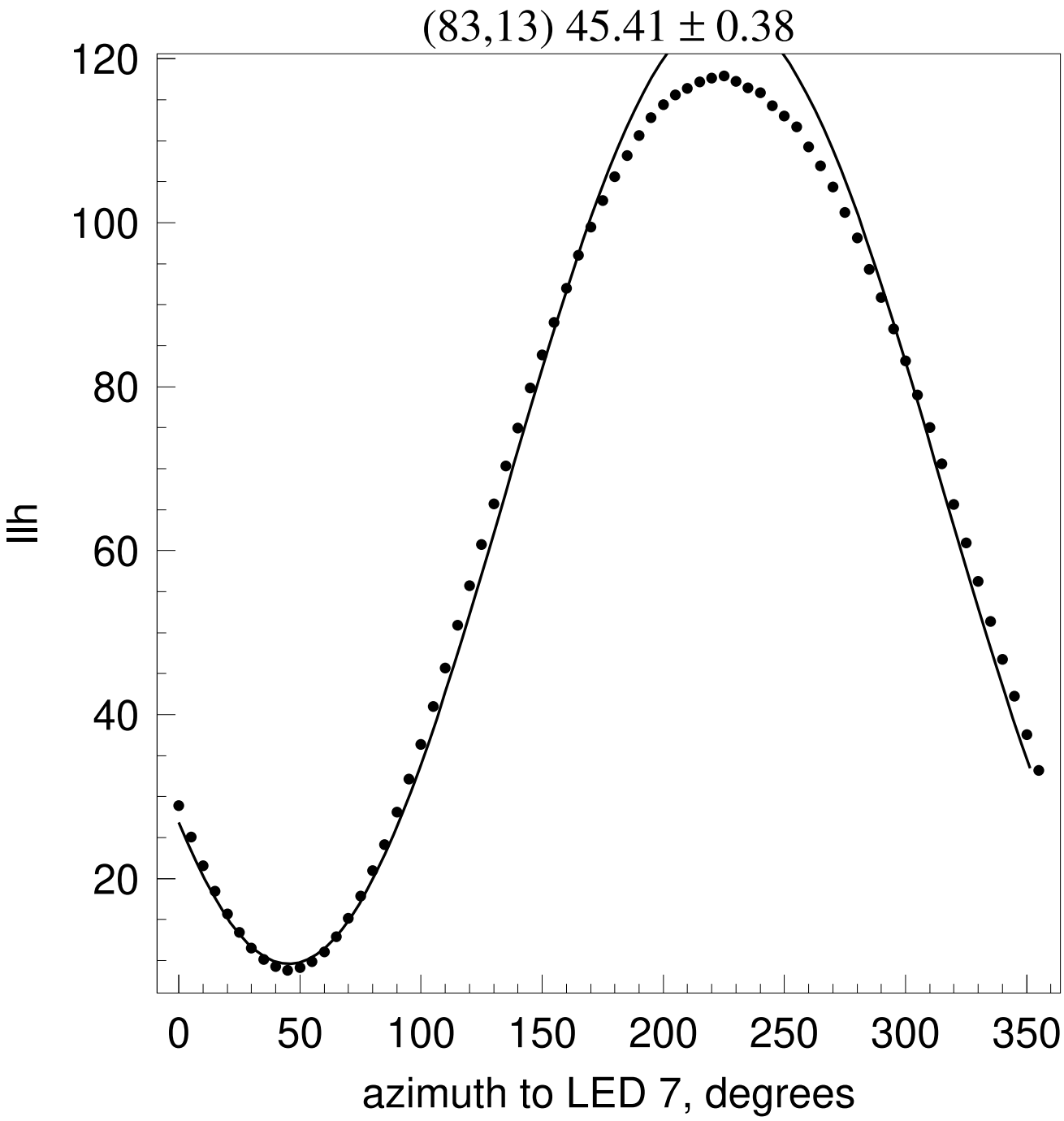

(83,8) 43.26 ± 0.71
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

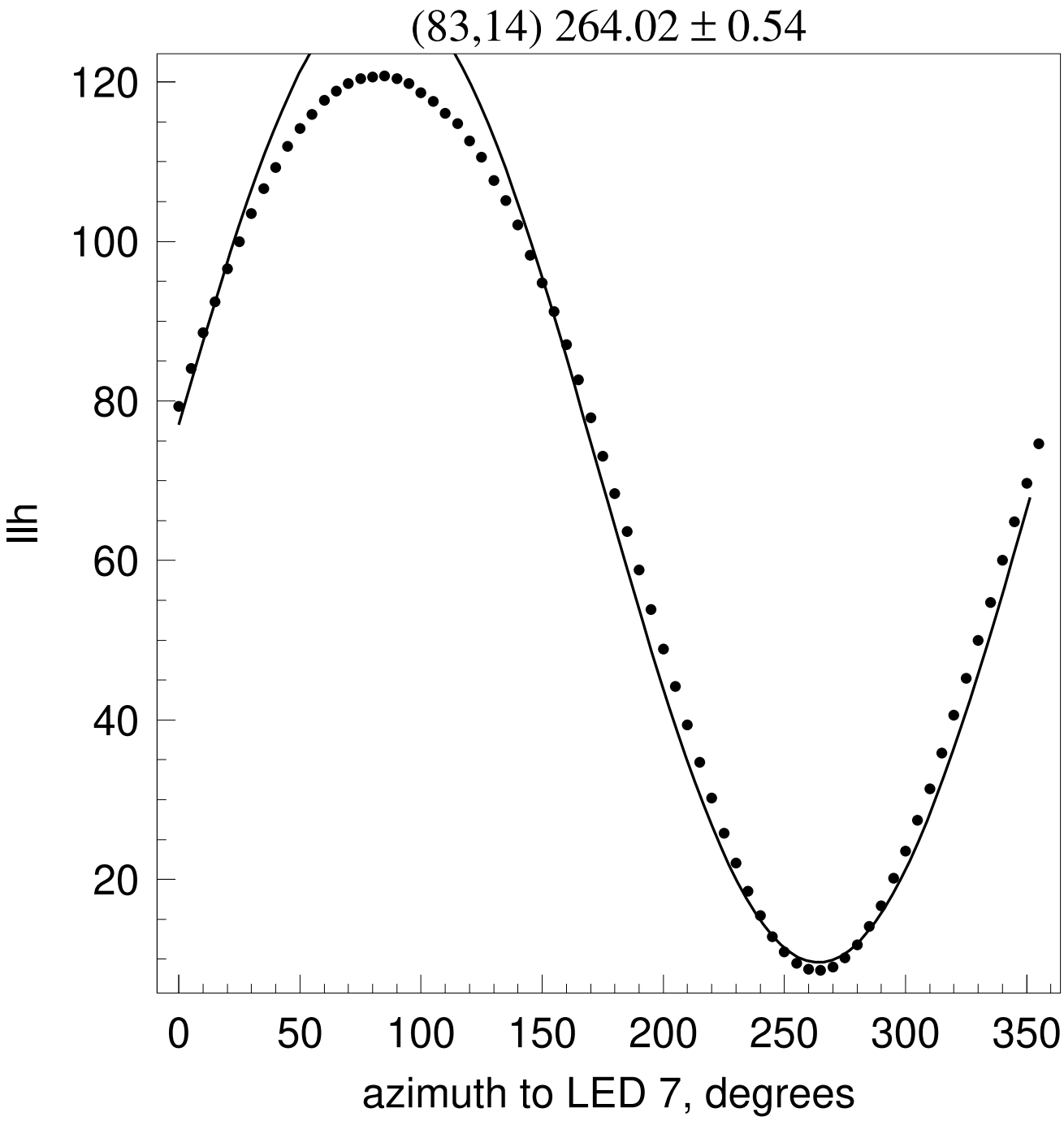

(83,9) 134.26 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

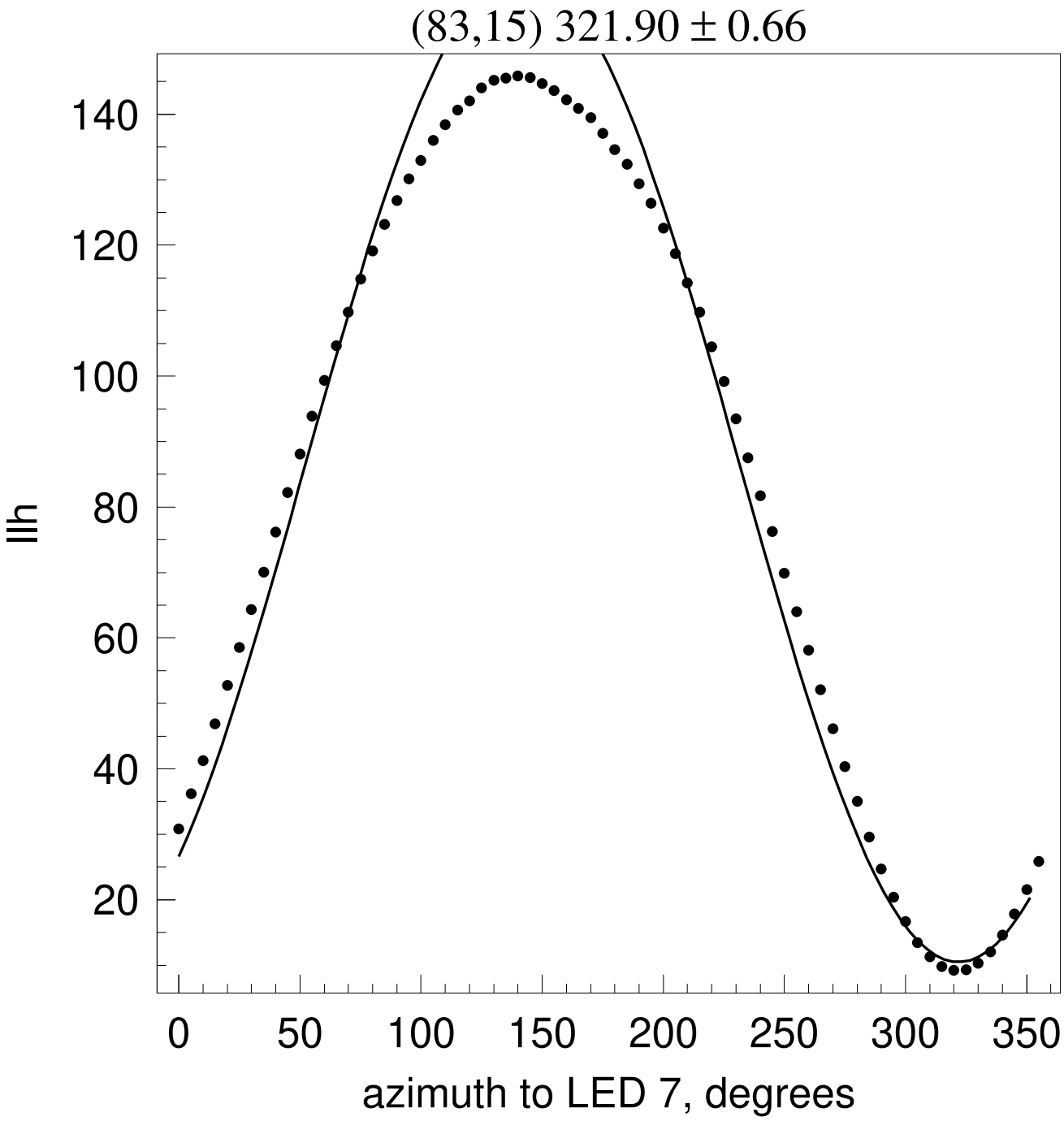

(83,10) 193.63 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

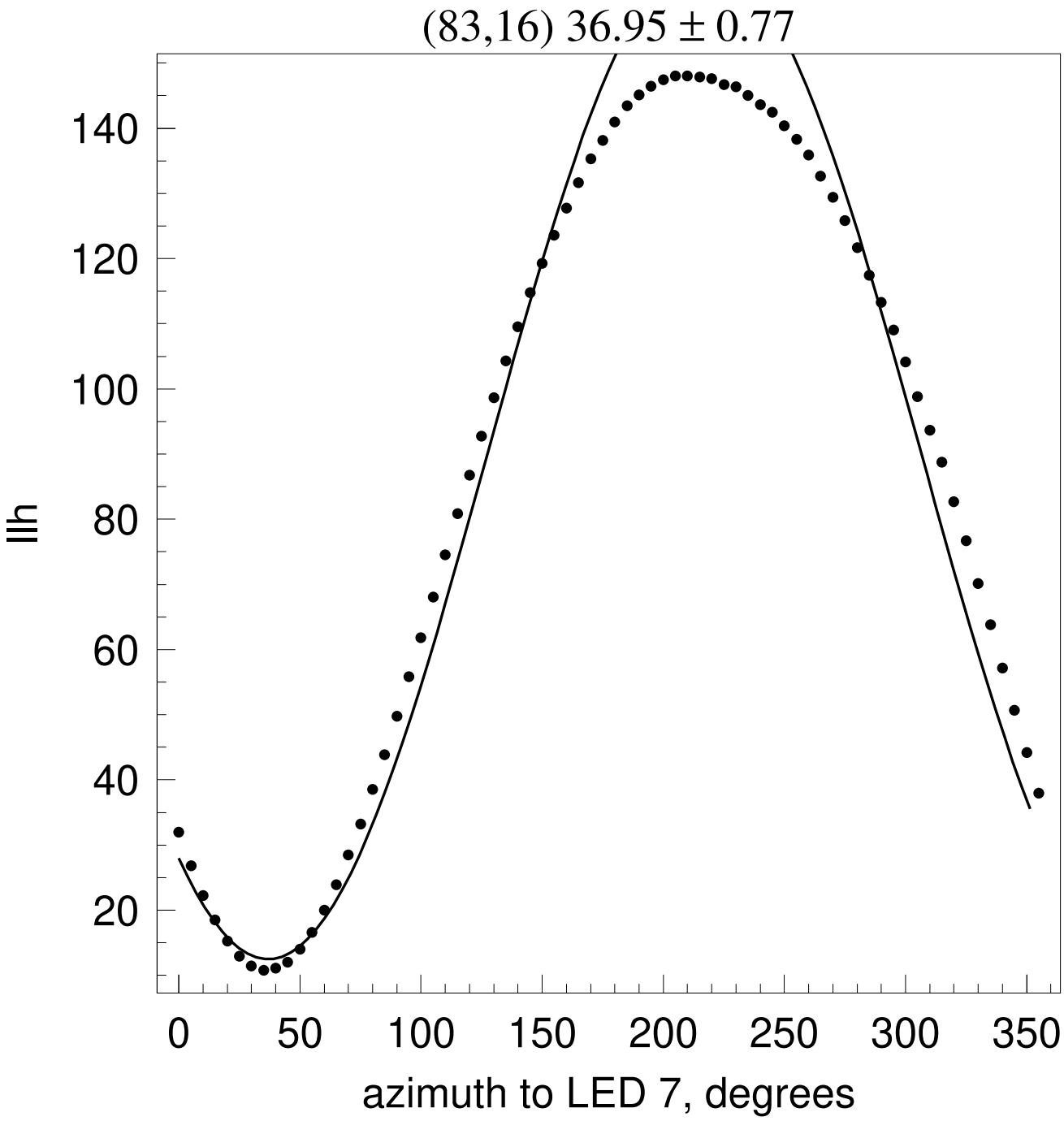

(83,11) 36.57 ± 0.61
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

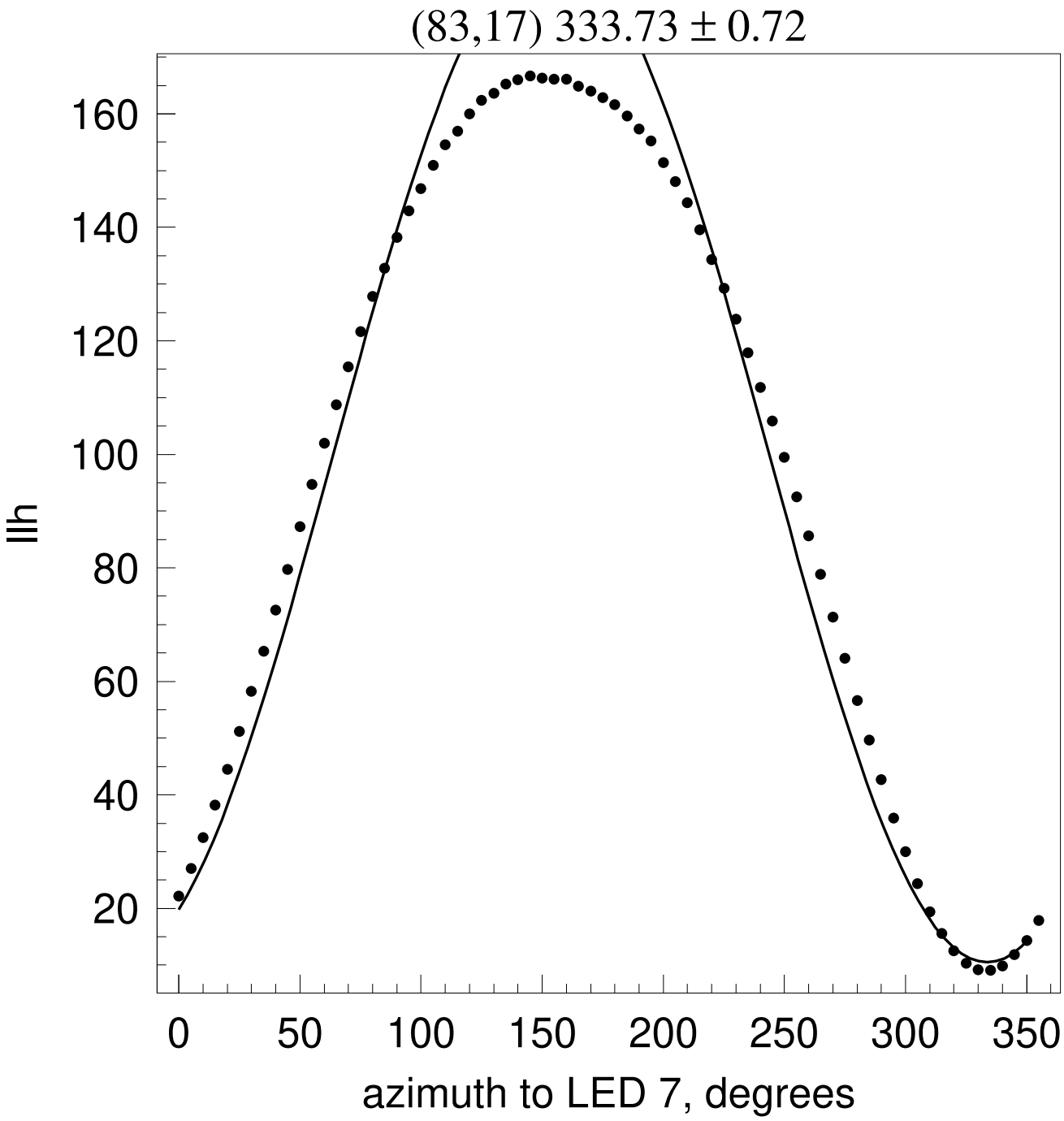

(83,12) 222.84 ± 0.47
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

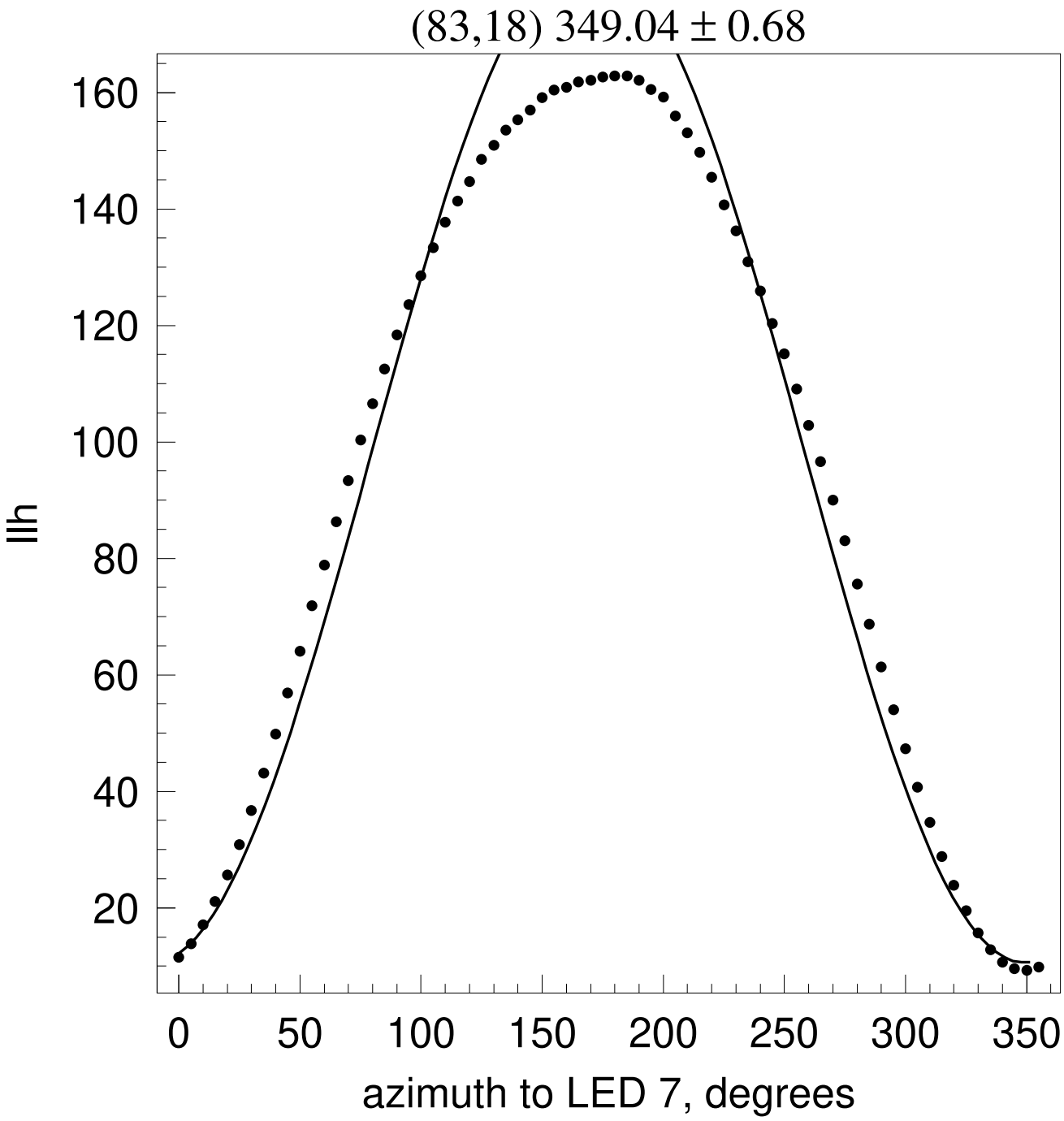

(83,13) 45.41 ± 0.38
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

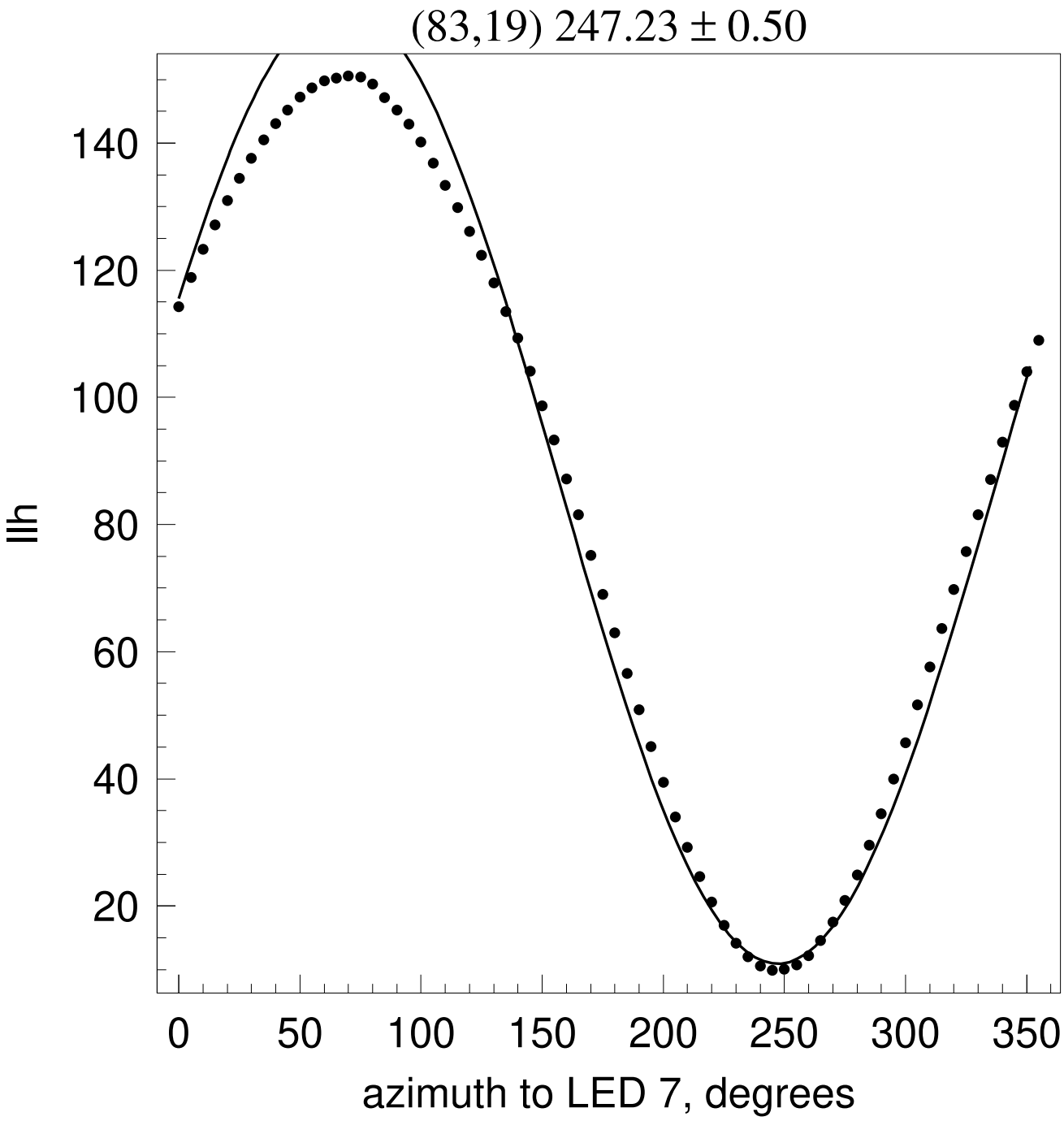

(83,14) 264.02 ± 0.54
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

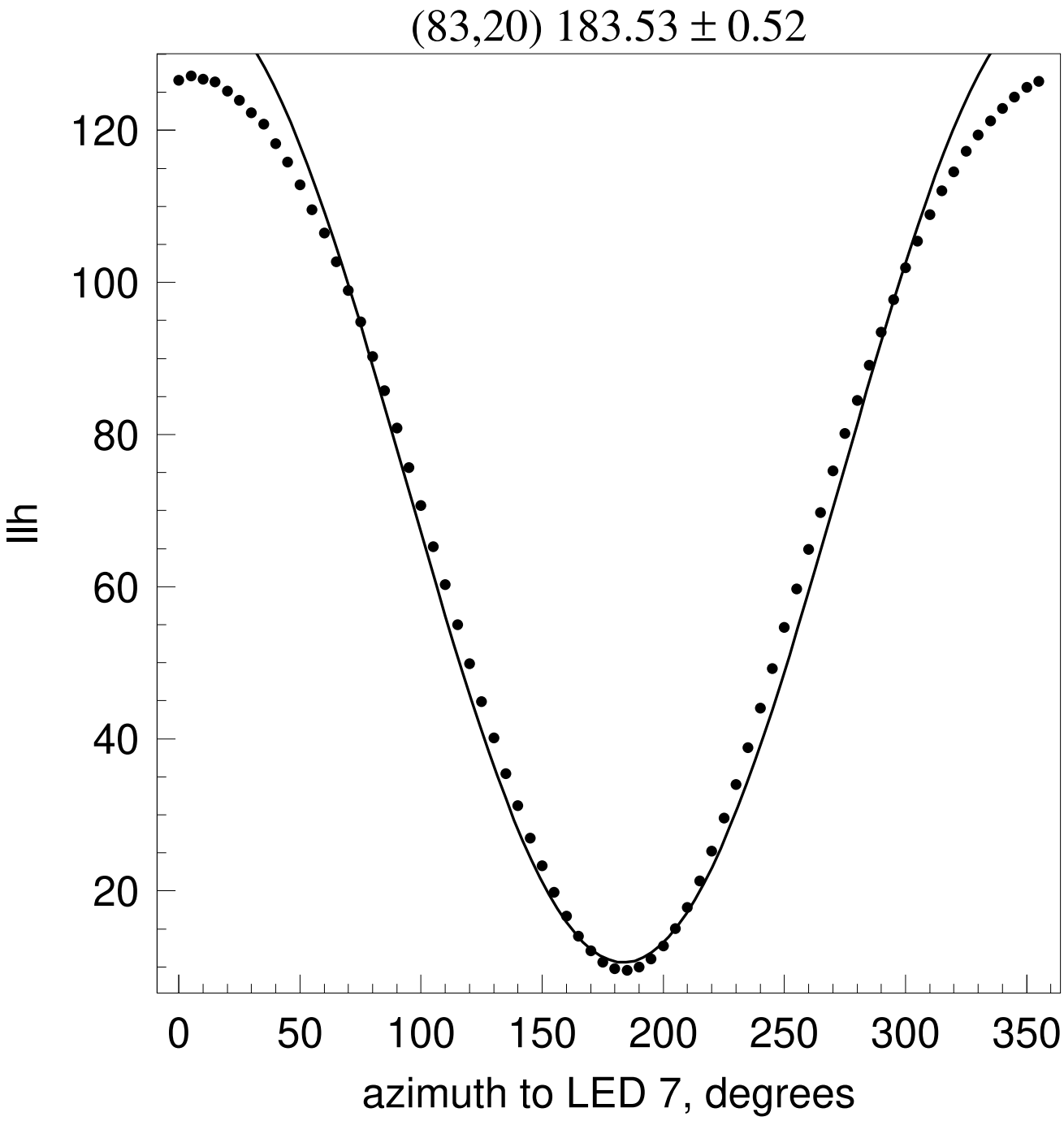

(83,15) 321.90 ± 0.66
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

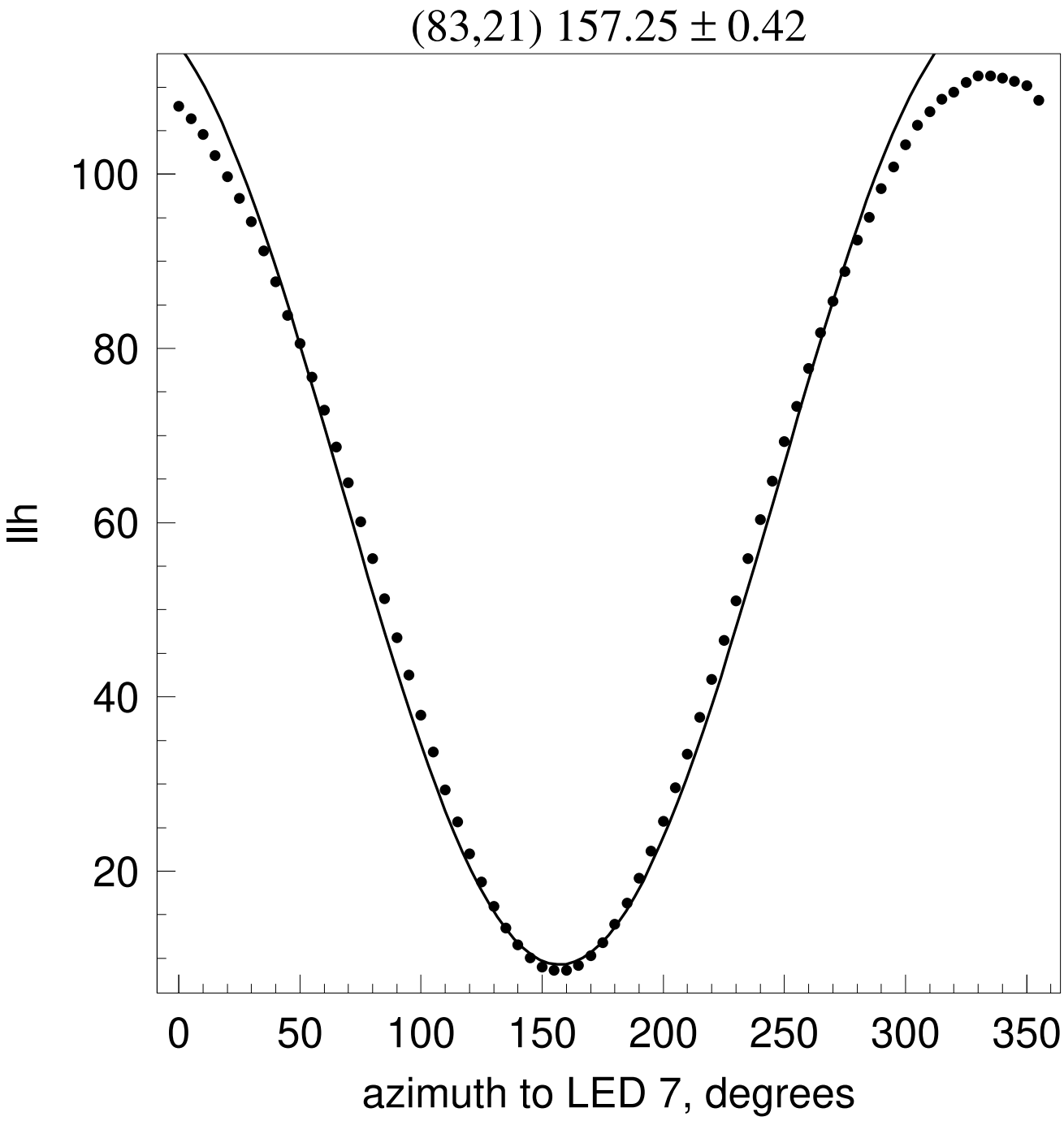

(83,16) 36.95 ± 0.77
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

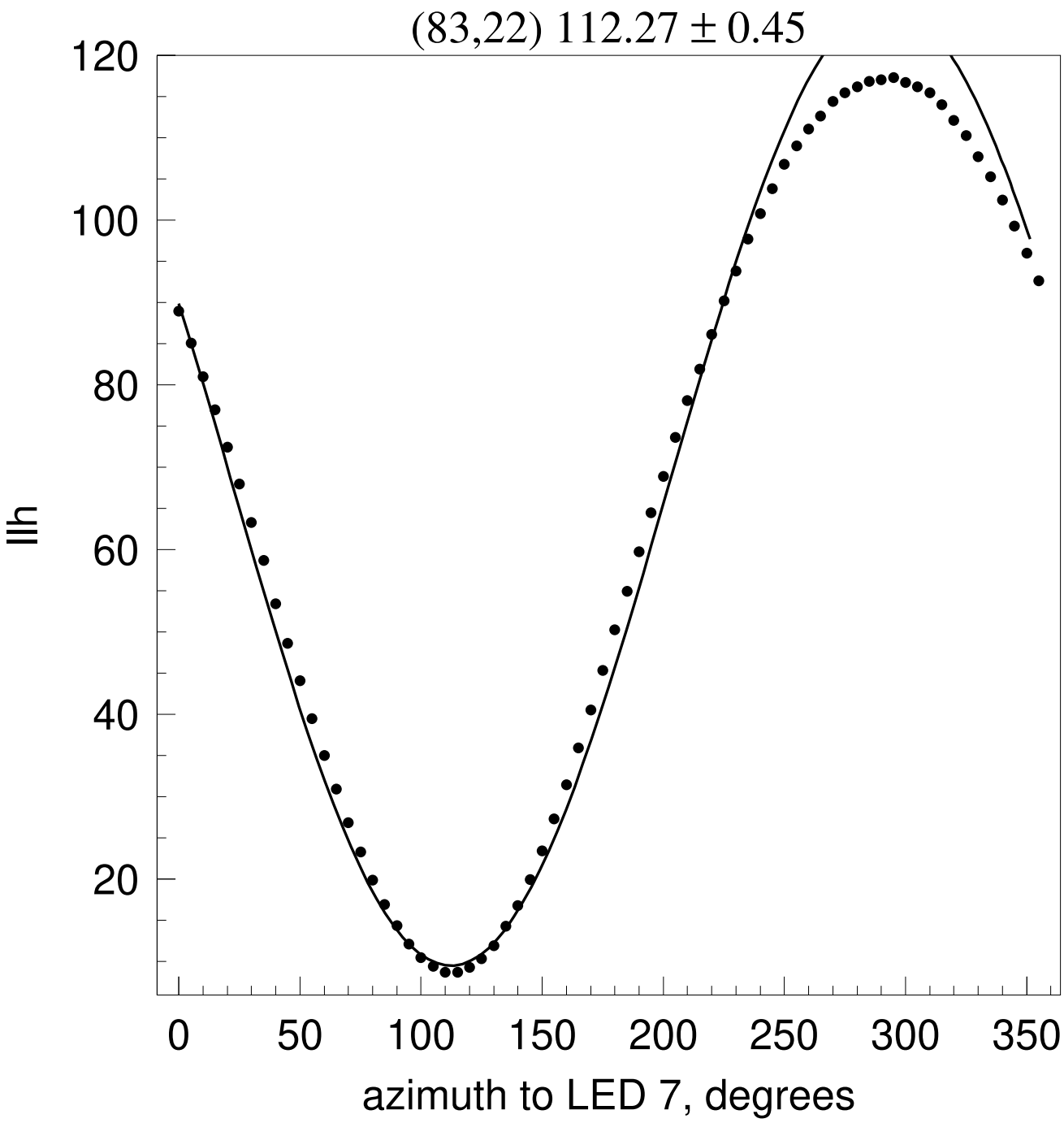

(83,17) 333.73 ± 0.72
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

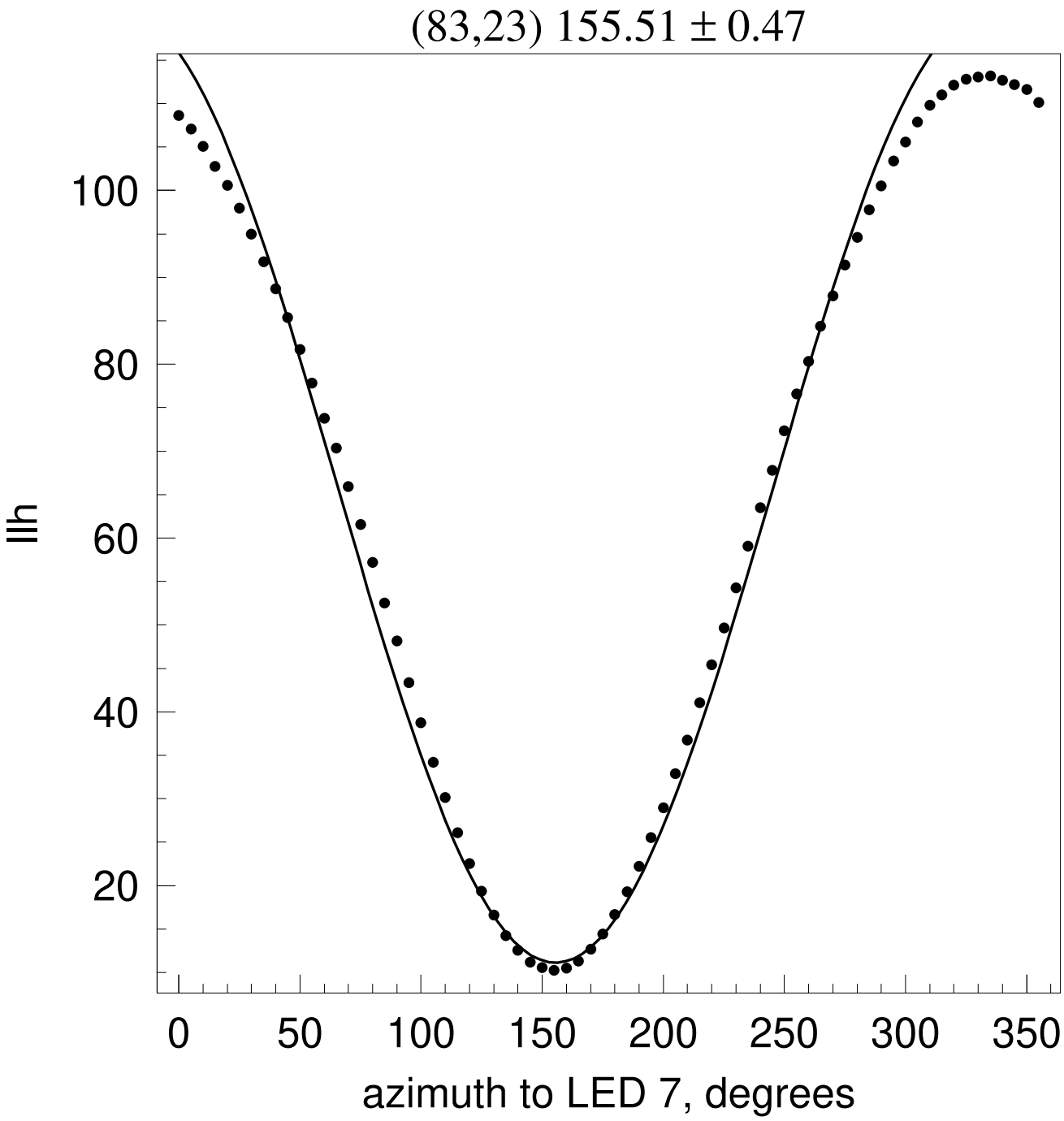

(83,18) 349.04 ± 0.68
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

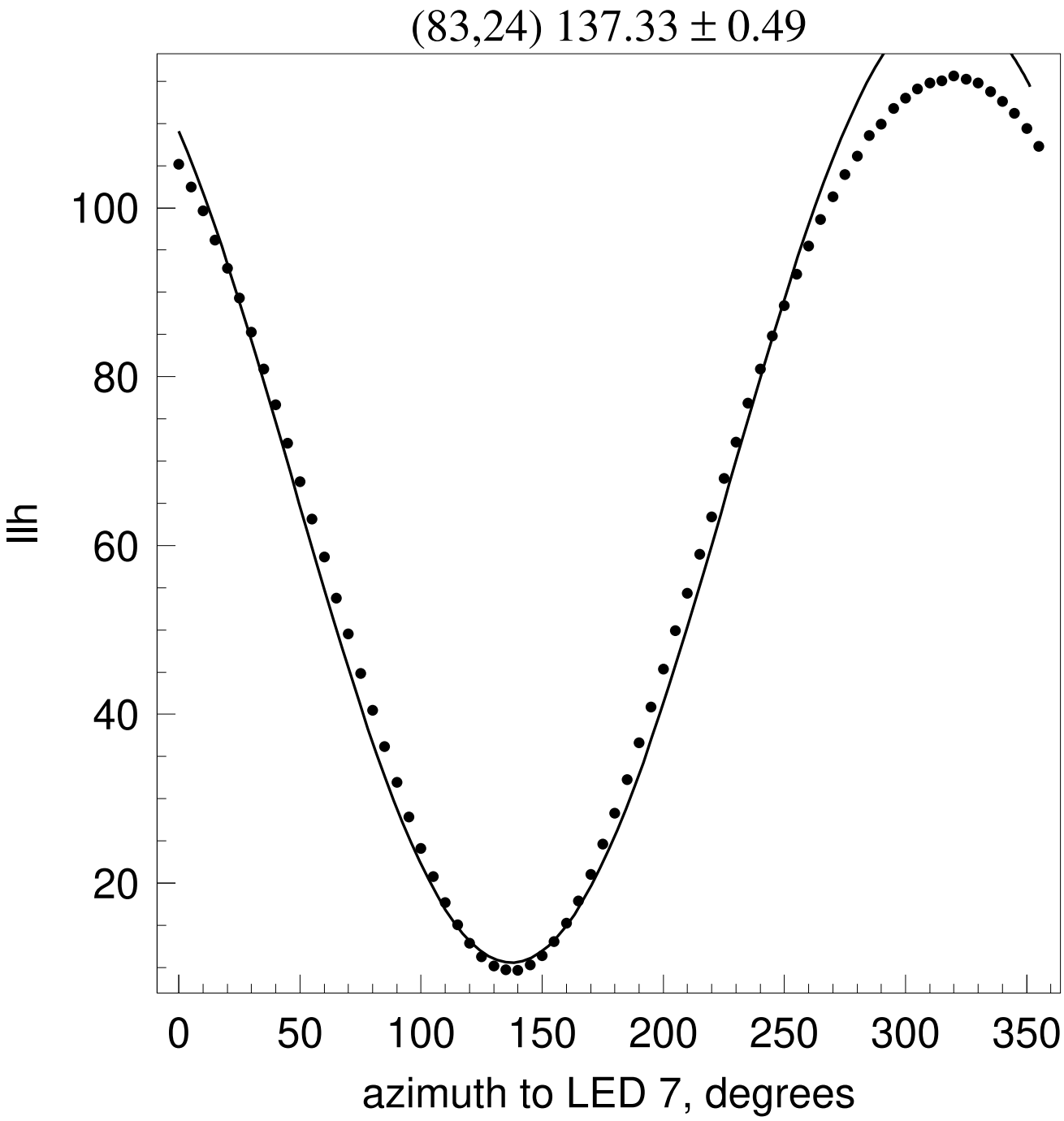

(83,19) 247.23 ± 0.50
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

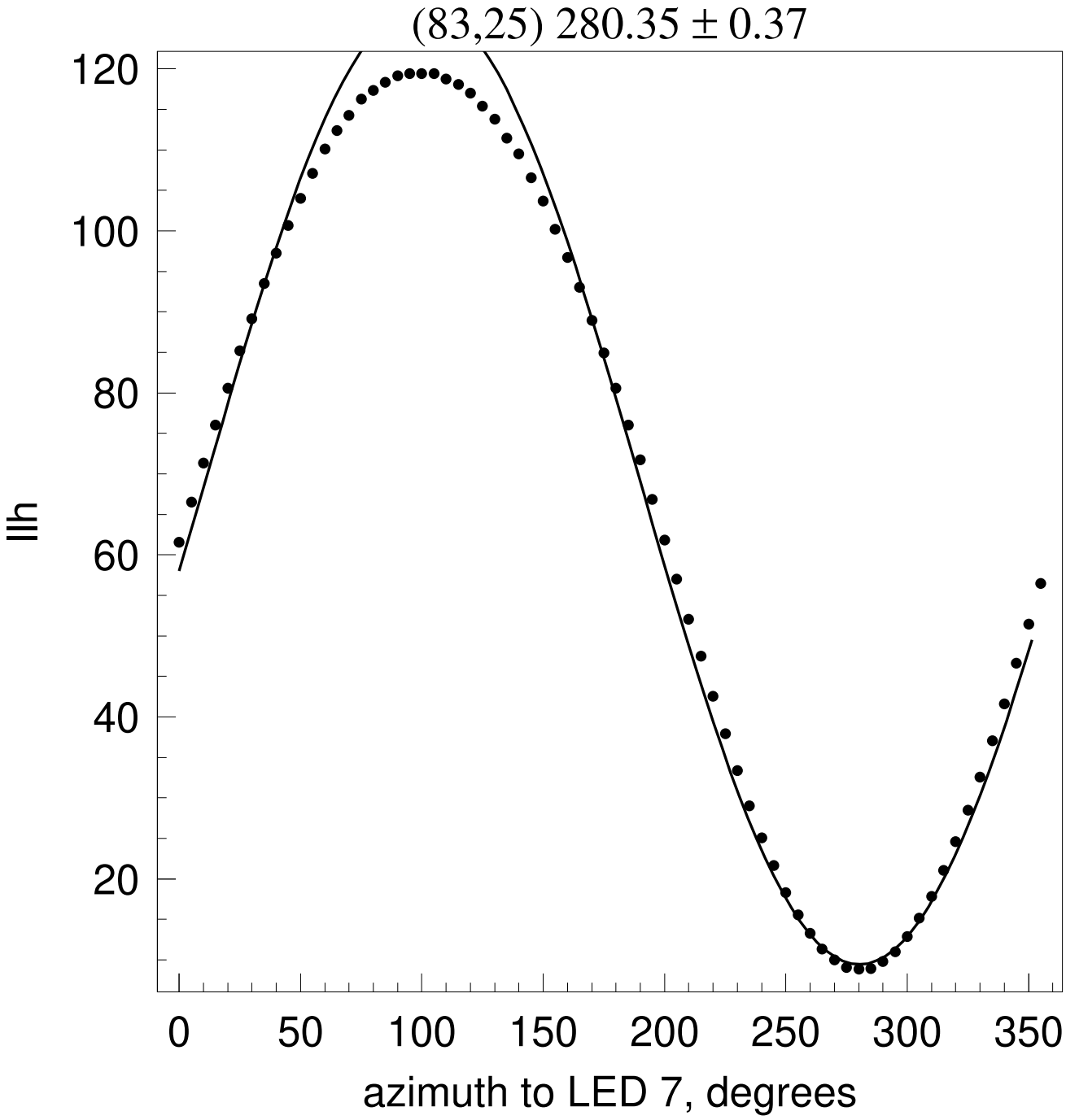

(83,20) 183.53 ± 0.52
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

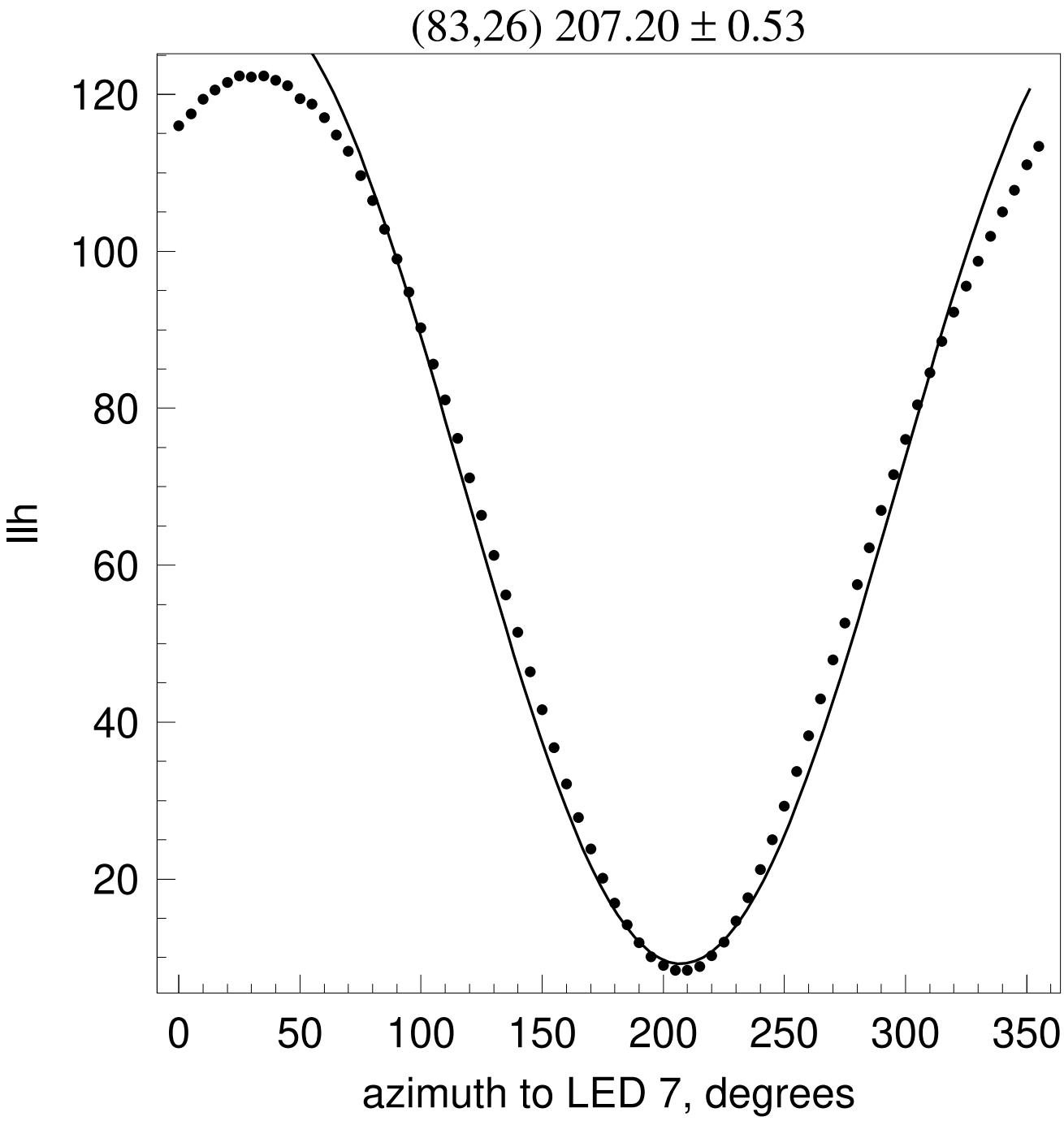

(83,21) 157.25 ± 0.42
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

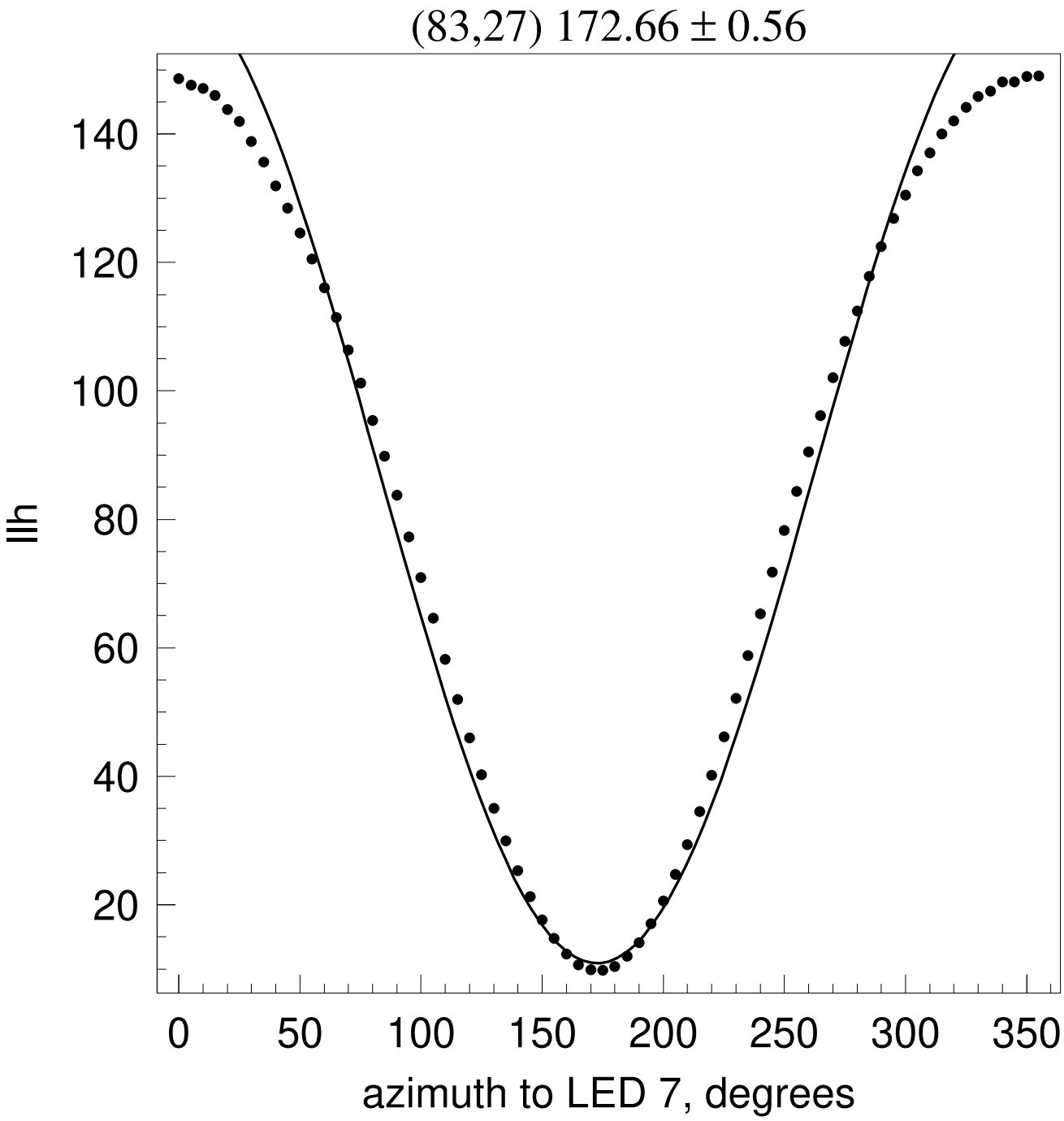

(83,22) 112.27 ± 0.45
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

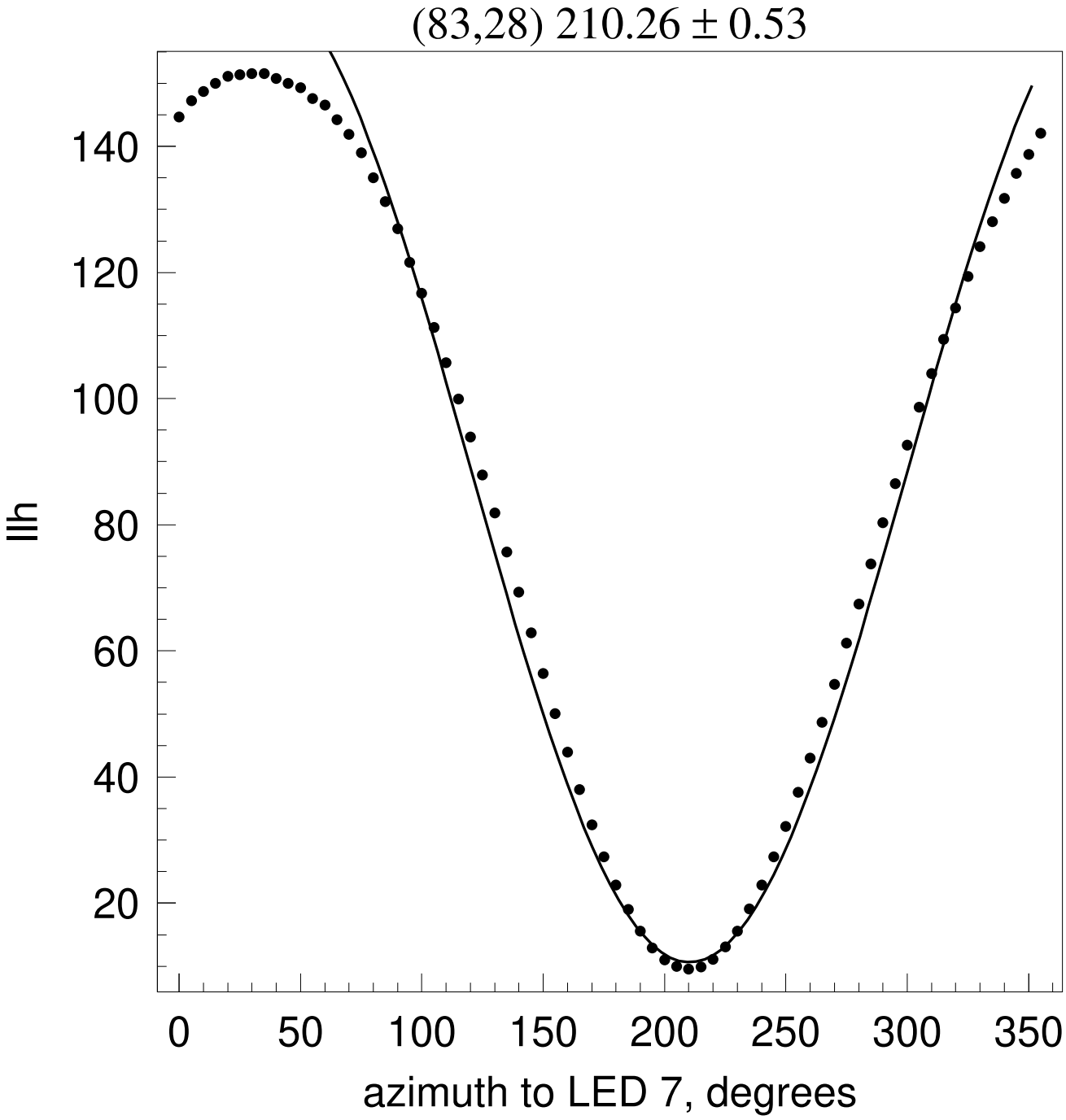

(83,23) 155.51 ± 0.47
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

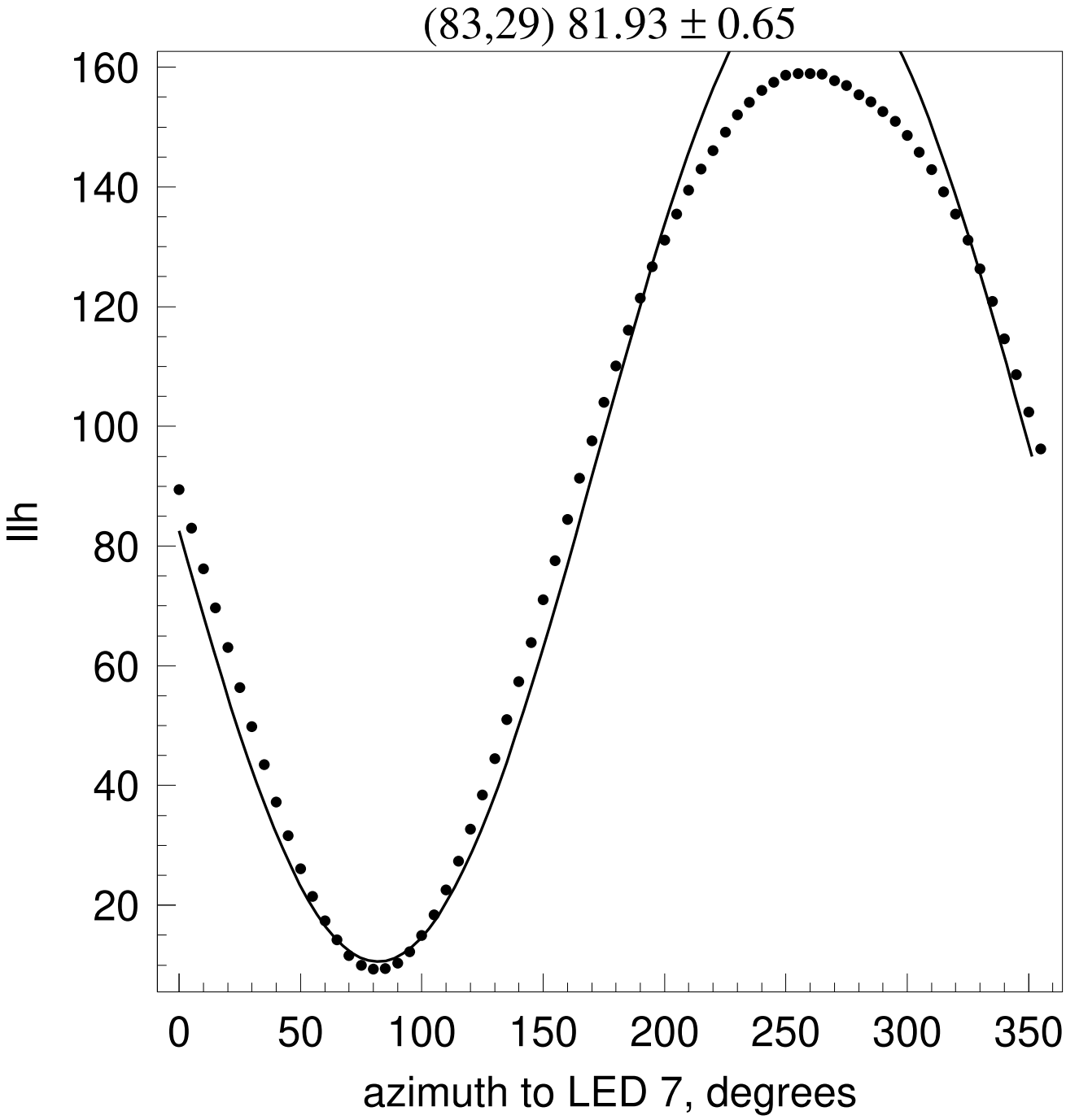

(83,24) 137.33 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

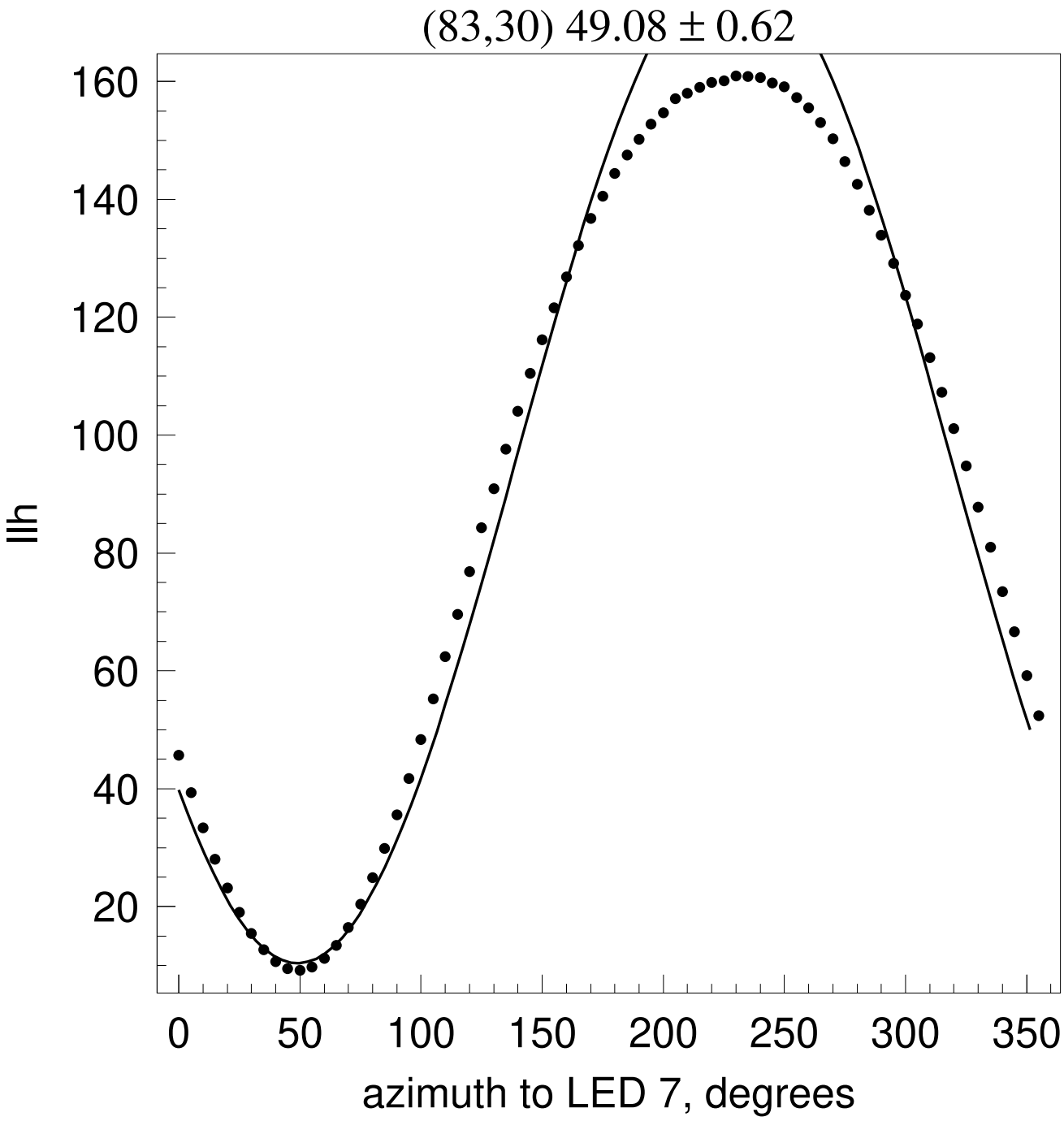

(83,25) 280.35 ± 0.37
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

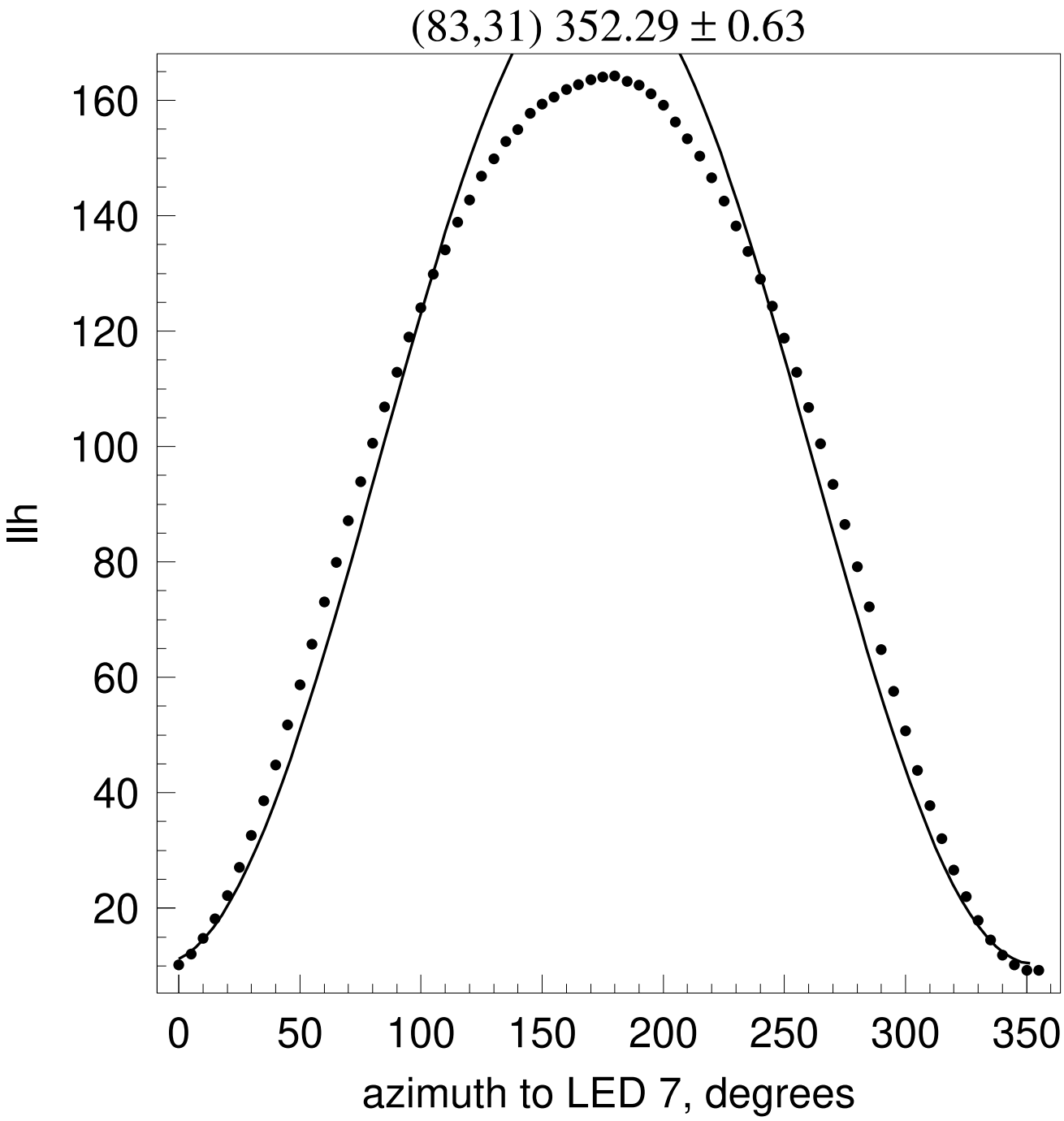

(83,26) 207.20 ± 0.53
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

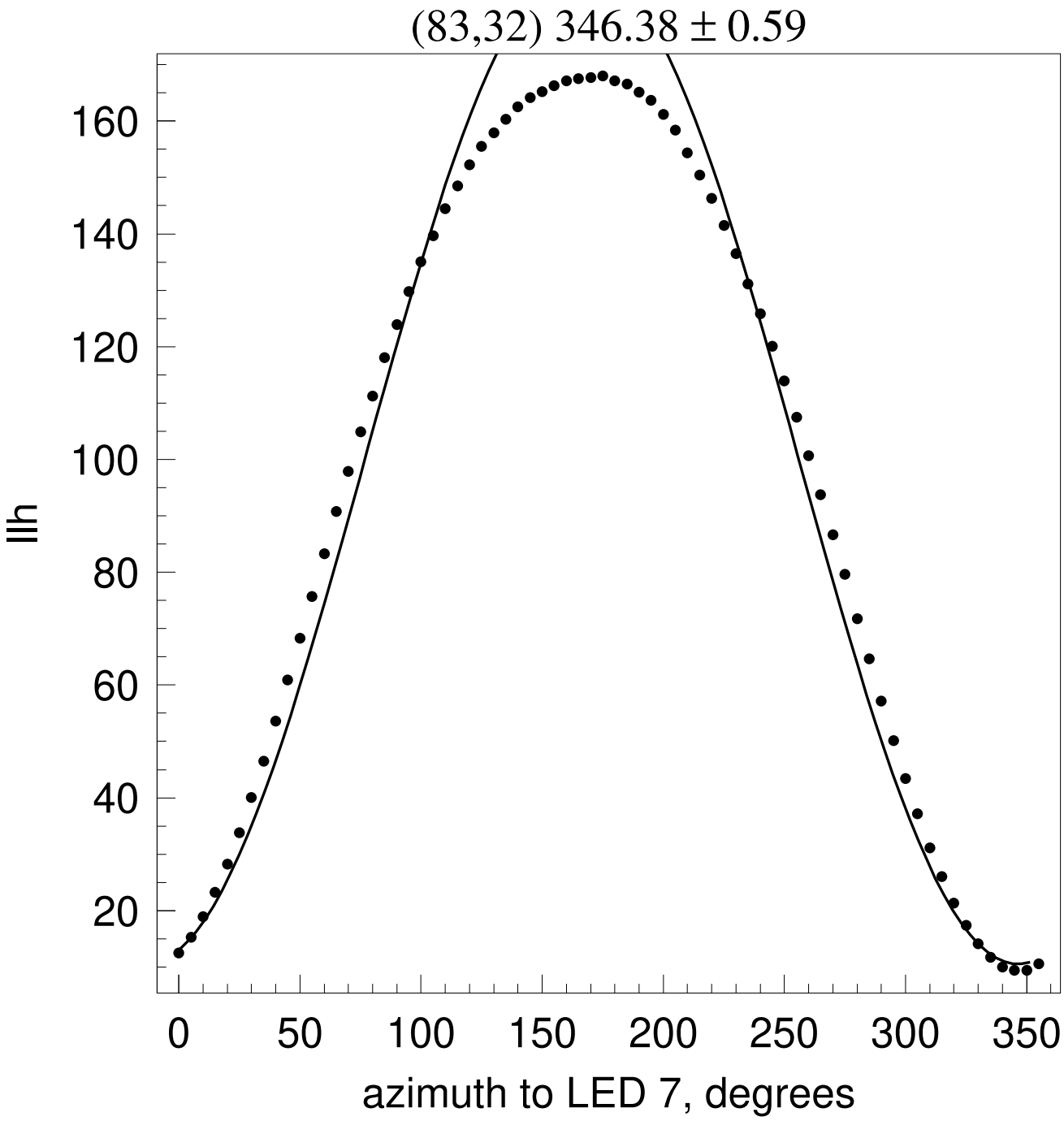

(83,27) 172.66 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

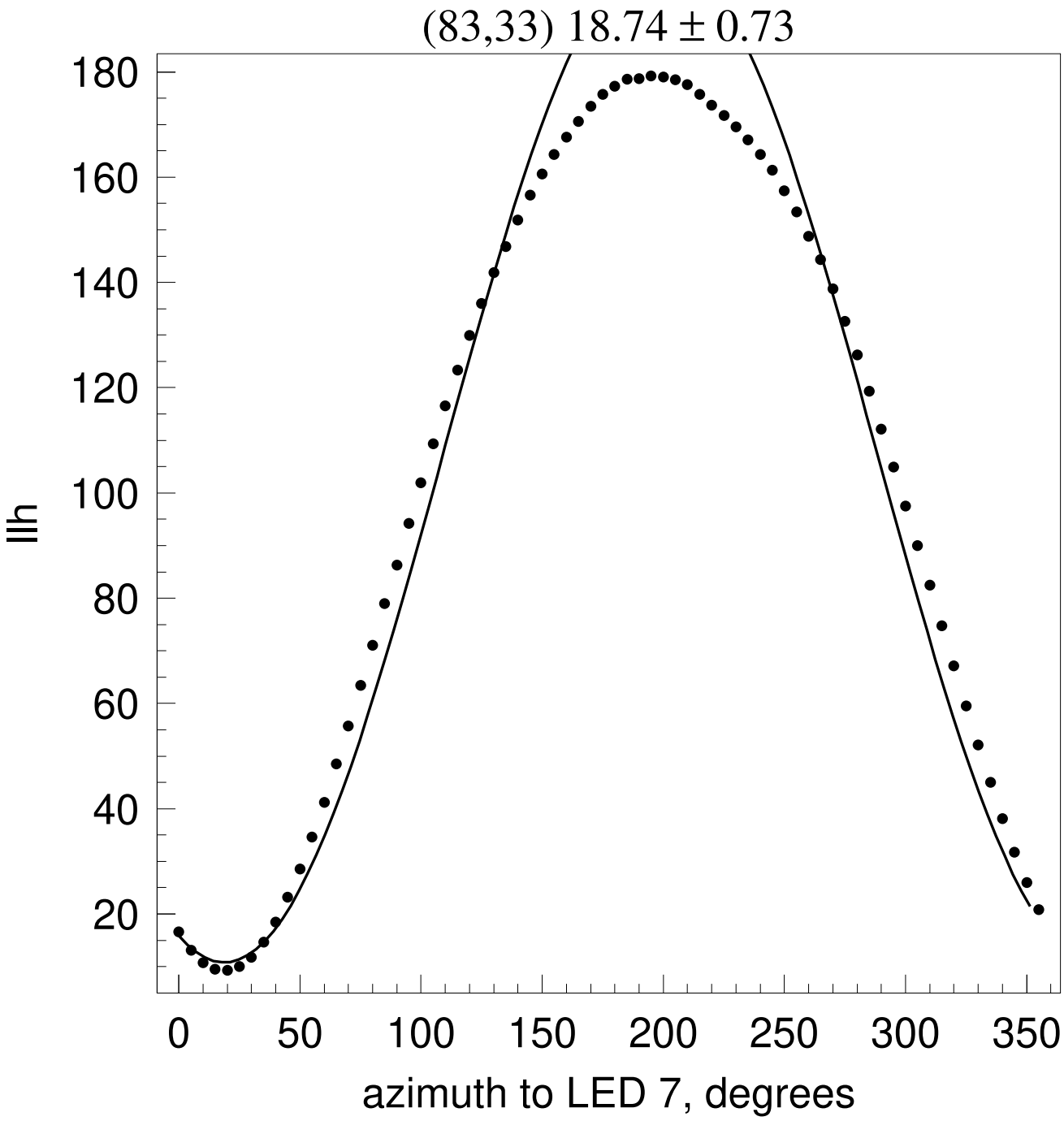

(83,28) 210.26 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

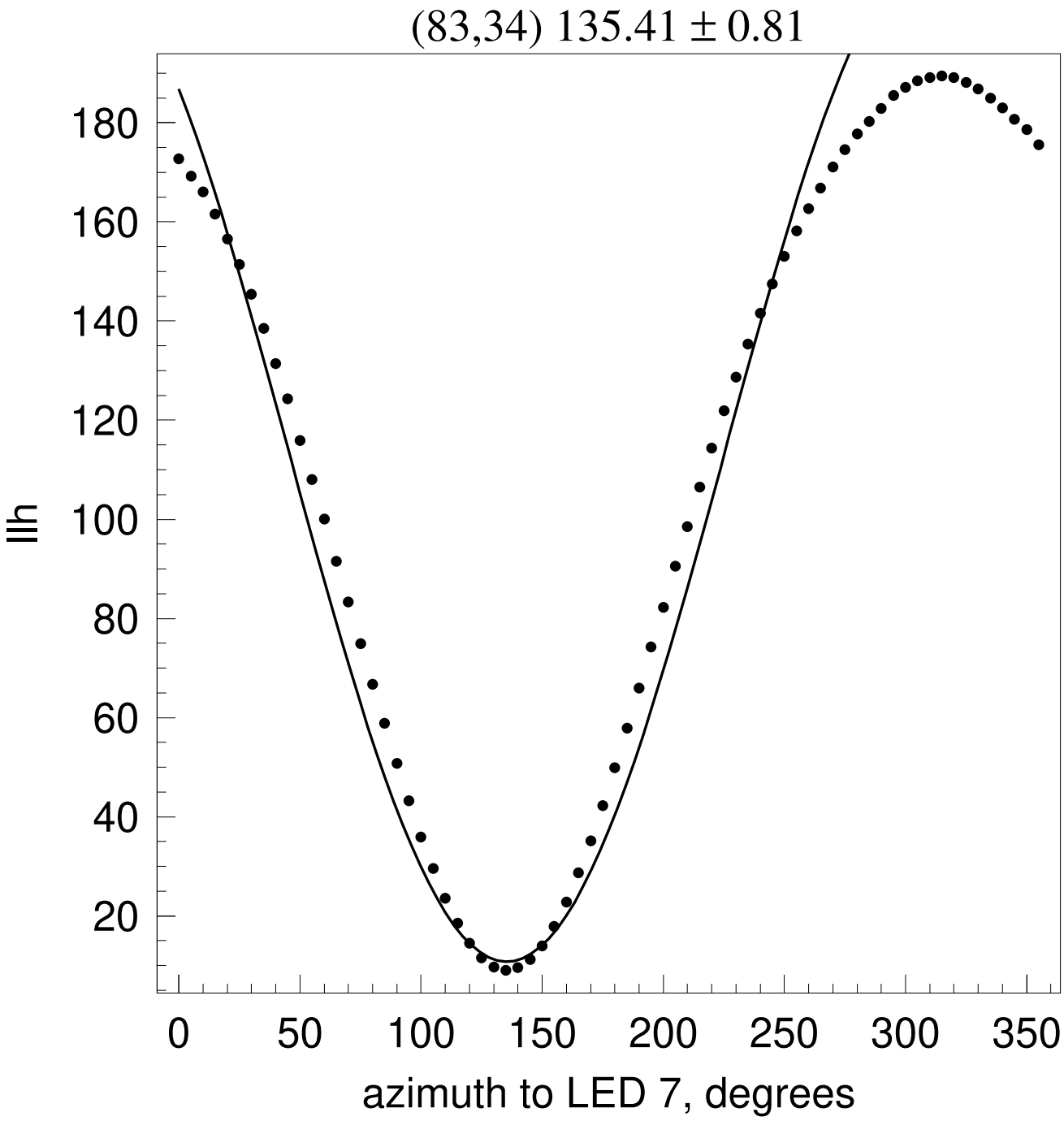

(83,29) 81.93 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

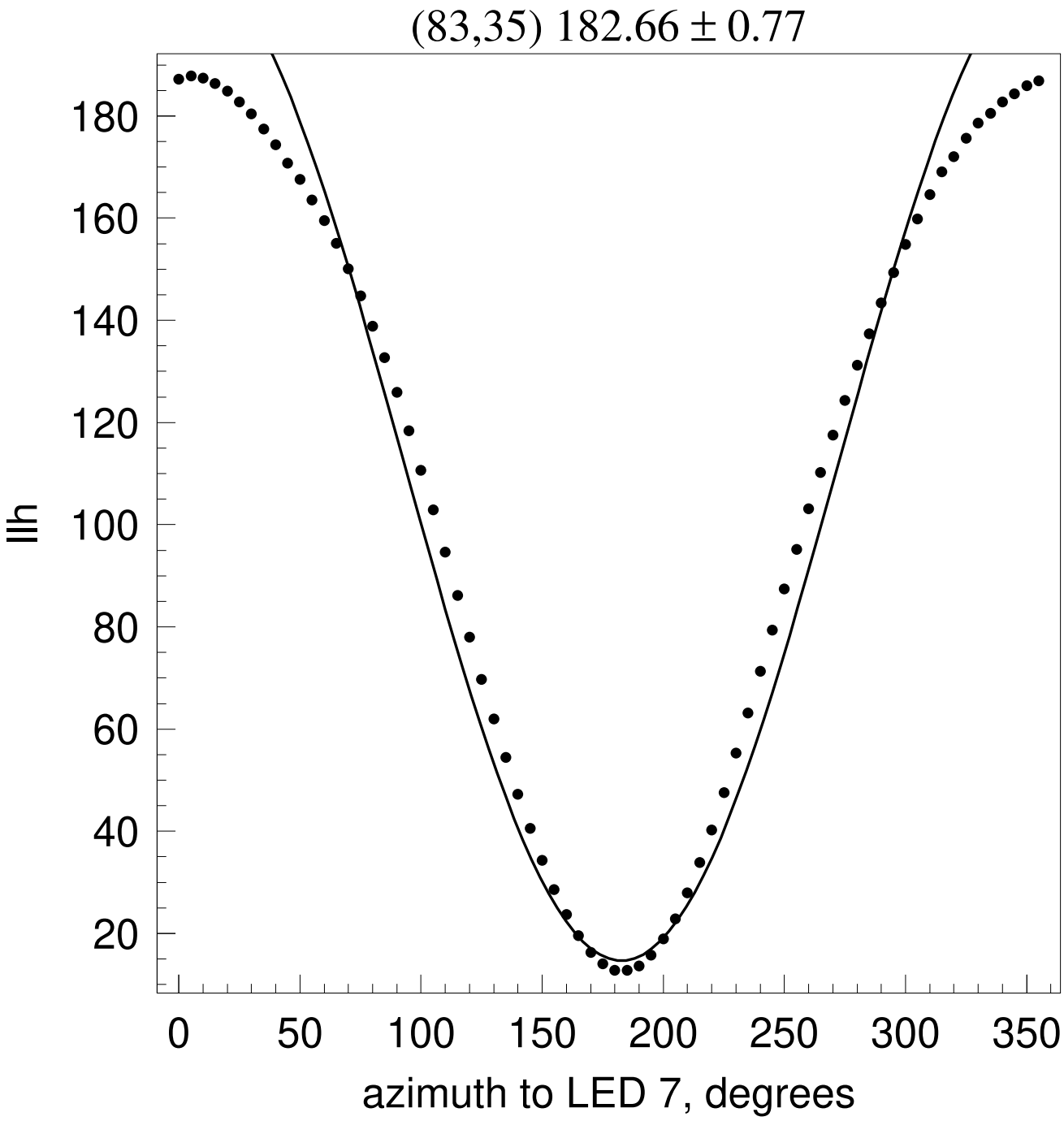

(83,30) 49.08 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

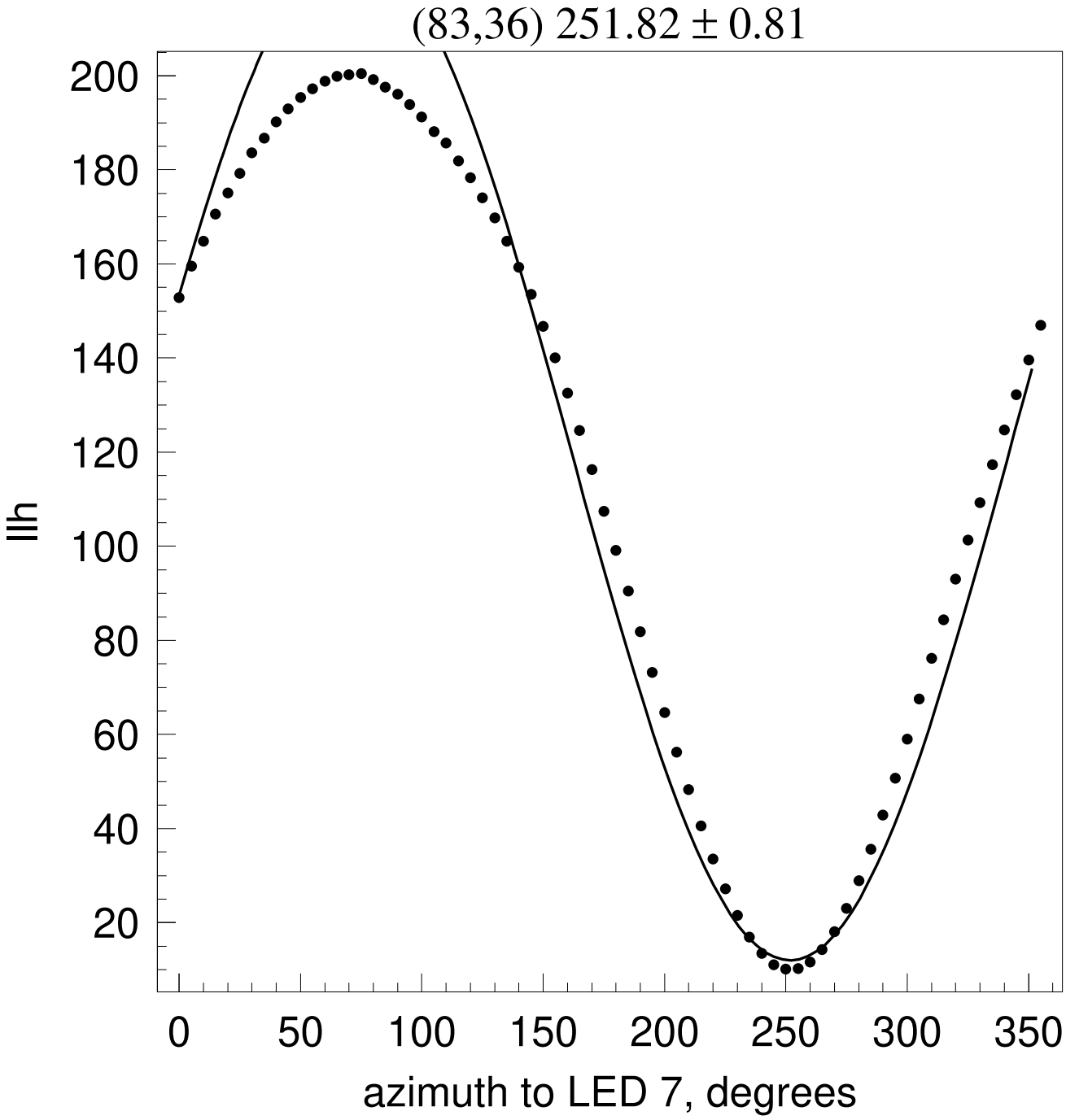

(83,31) 352.29 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

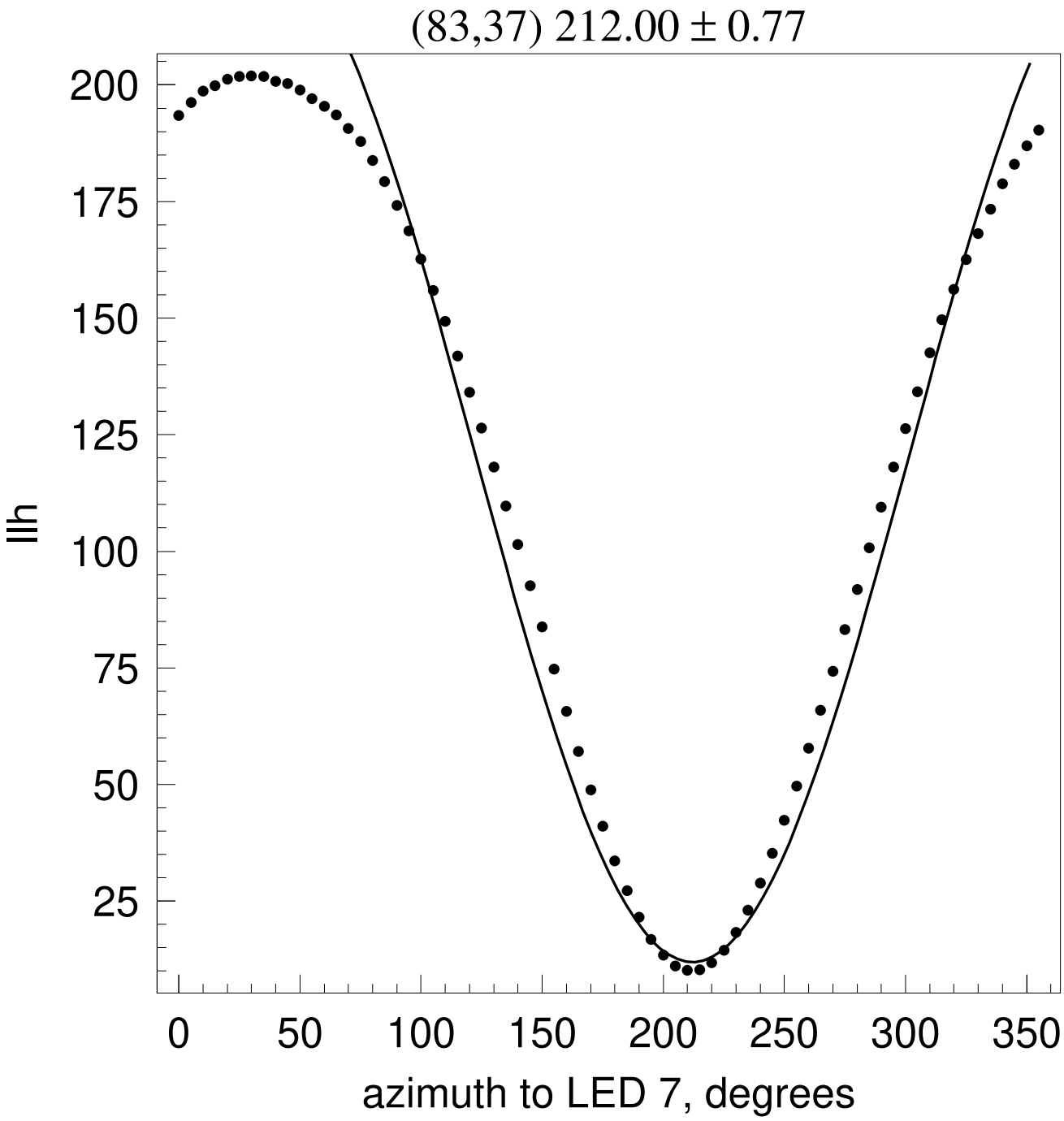

(83,32) 346.38 ± 0.59
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

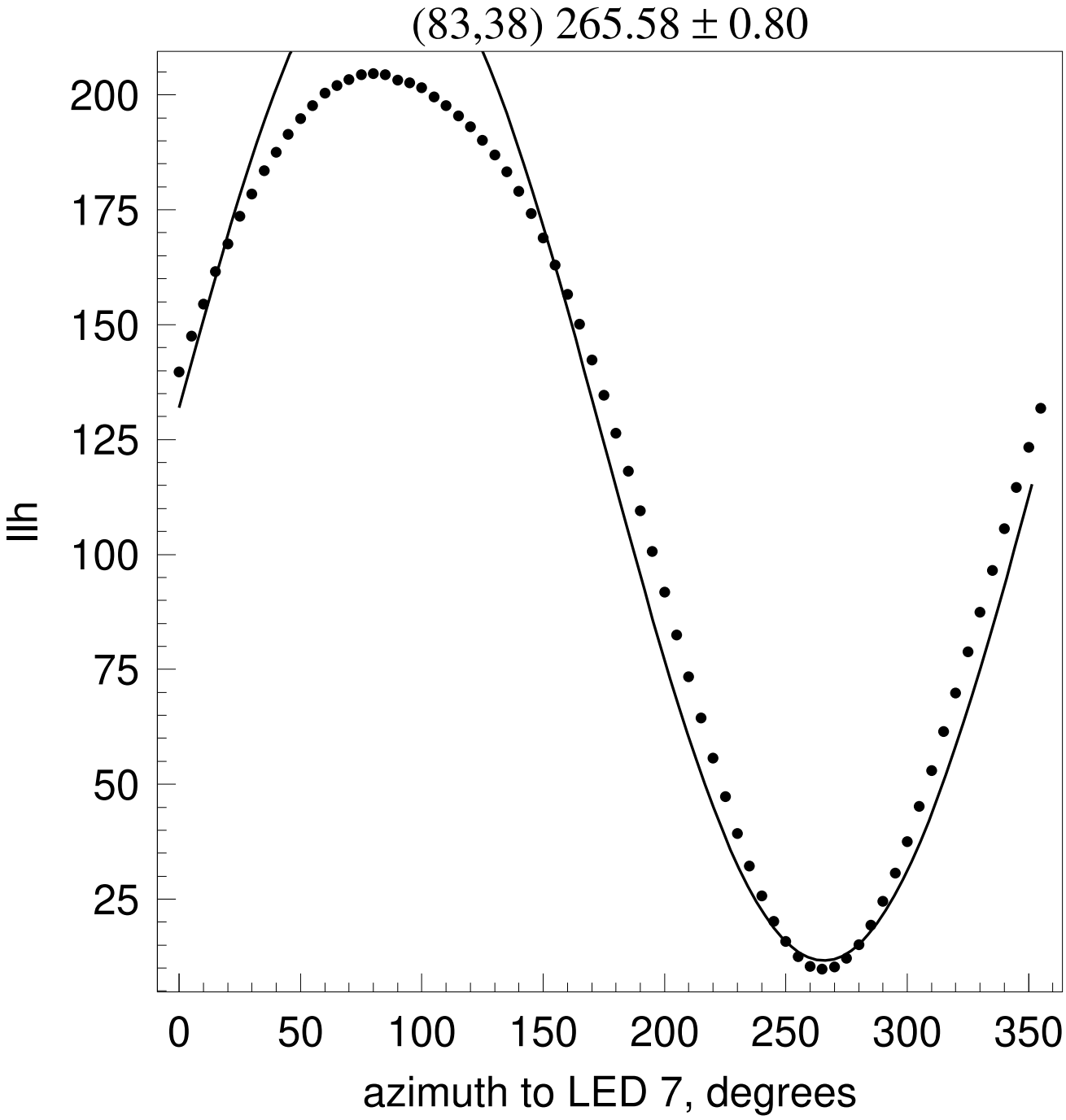

(83,33) 18.74 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

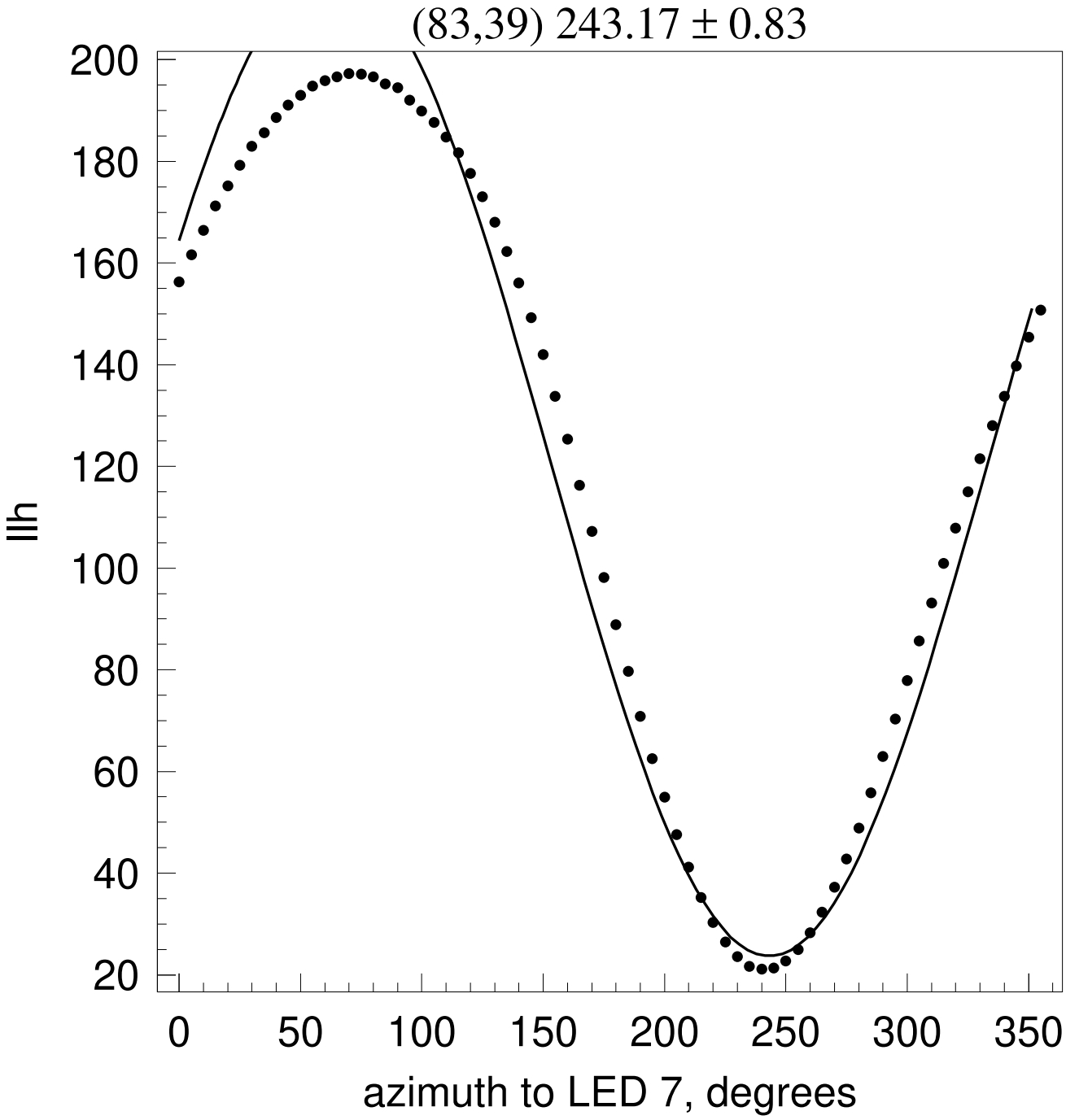

(83,34) 135.41 ± 0.81
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

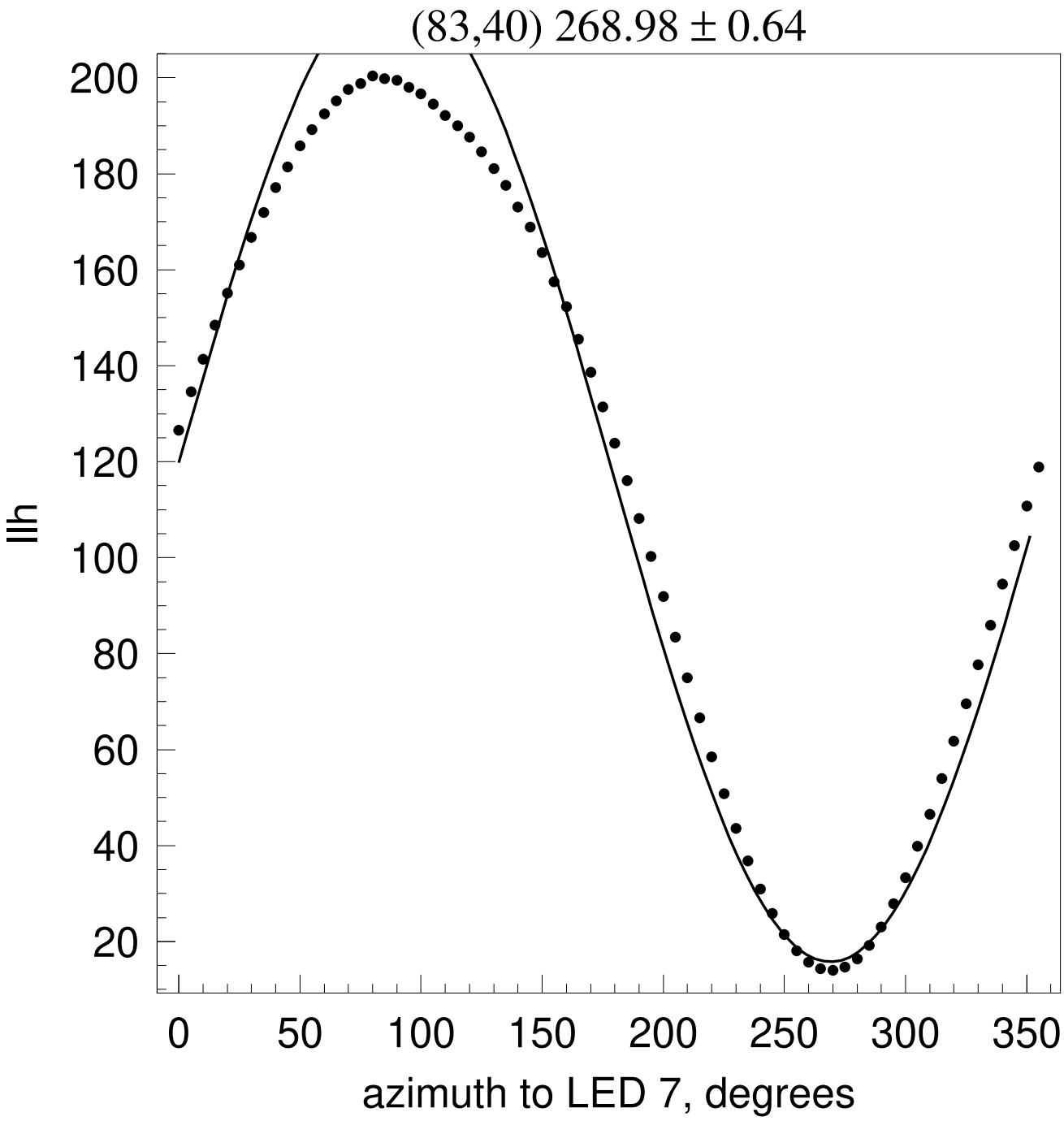

(83,35) 182.66 ± 0.77
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

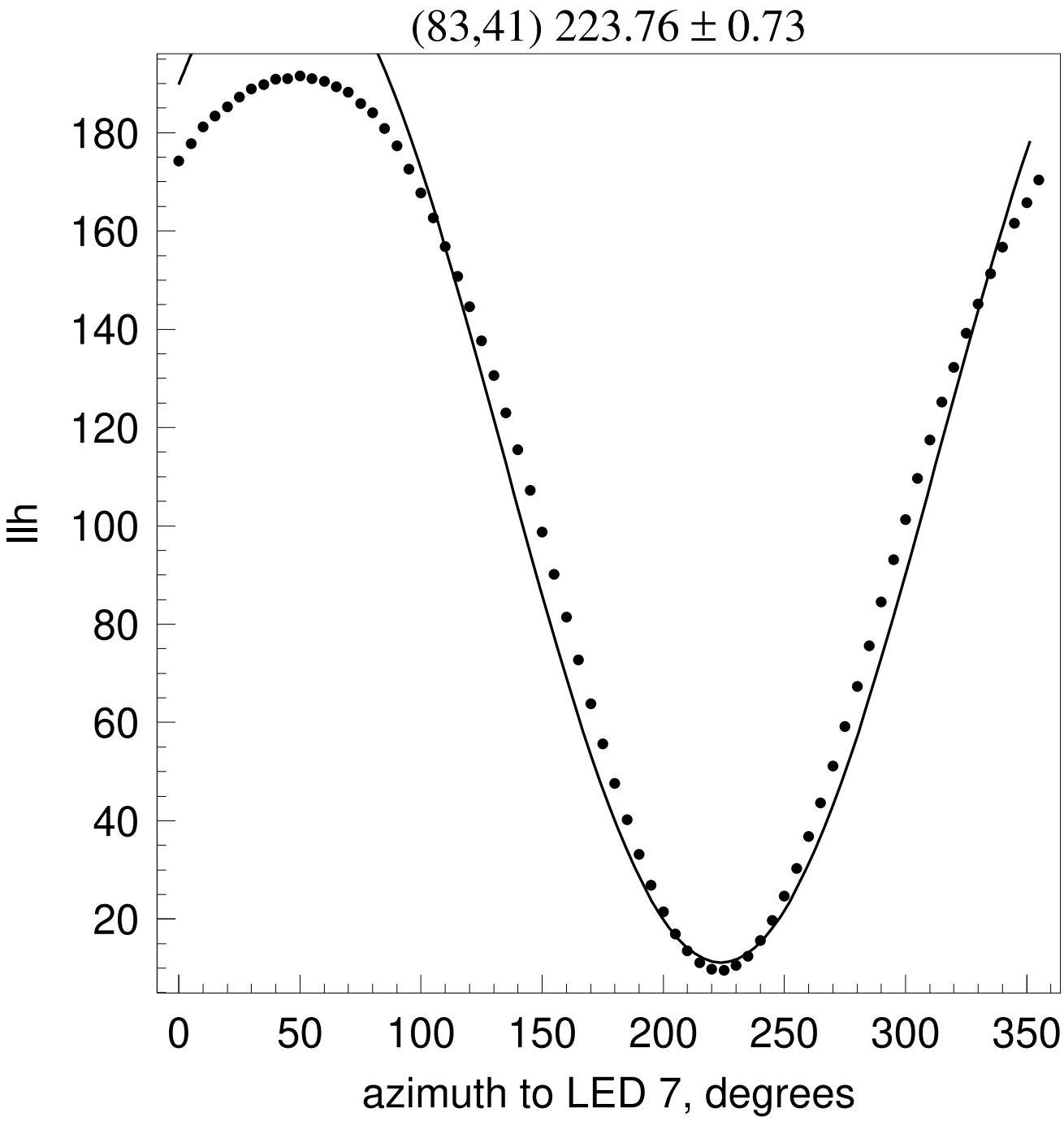

(83,36) 251.82 ± 0.81
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

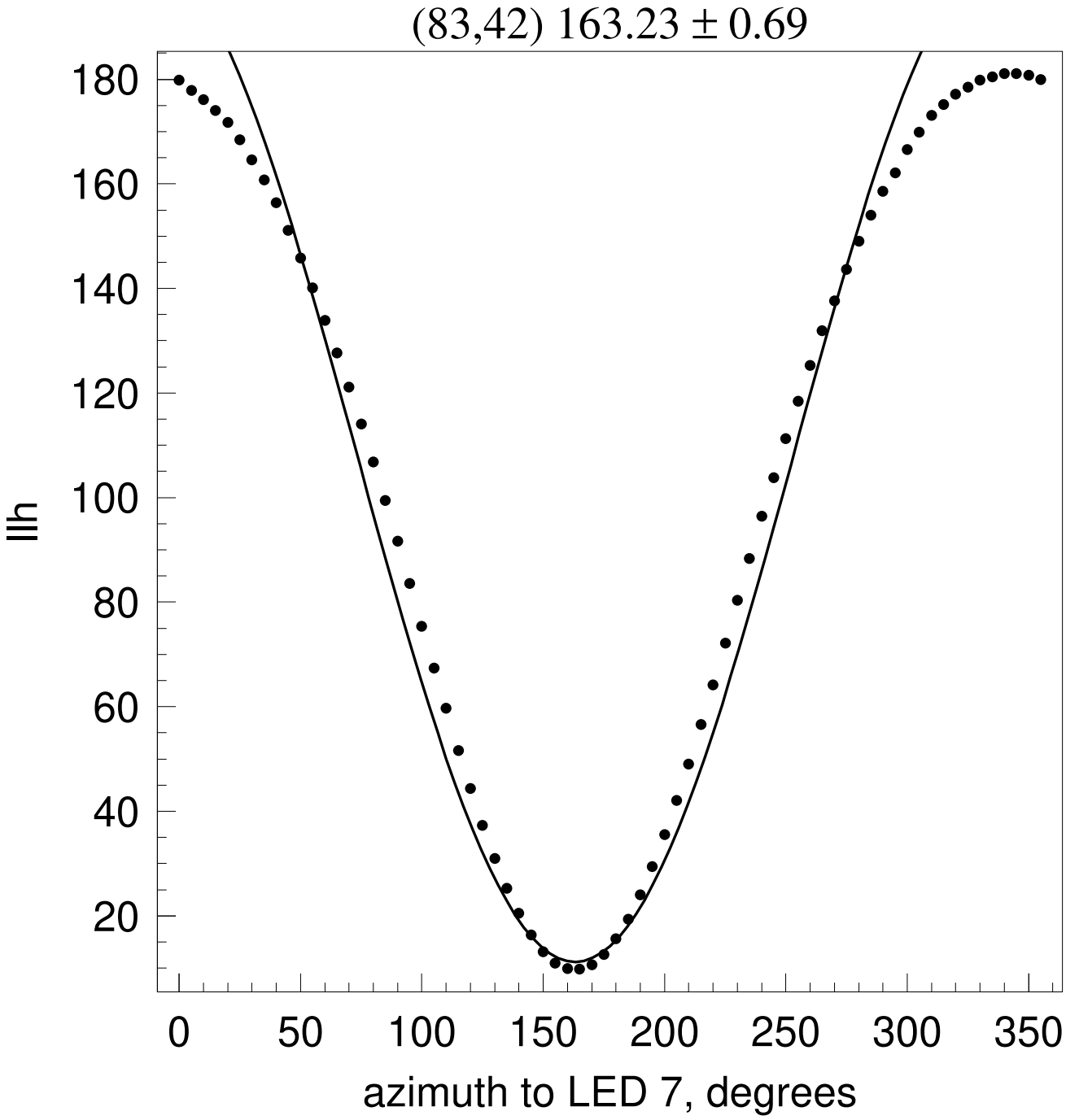

(83,37) 212.00 ± 0.77
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

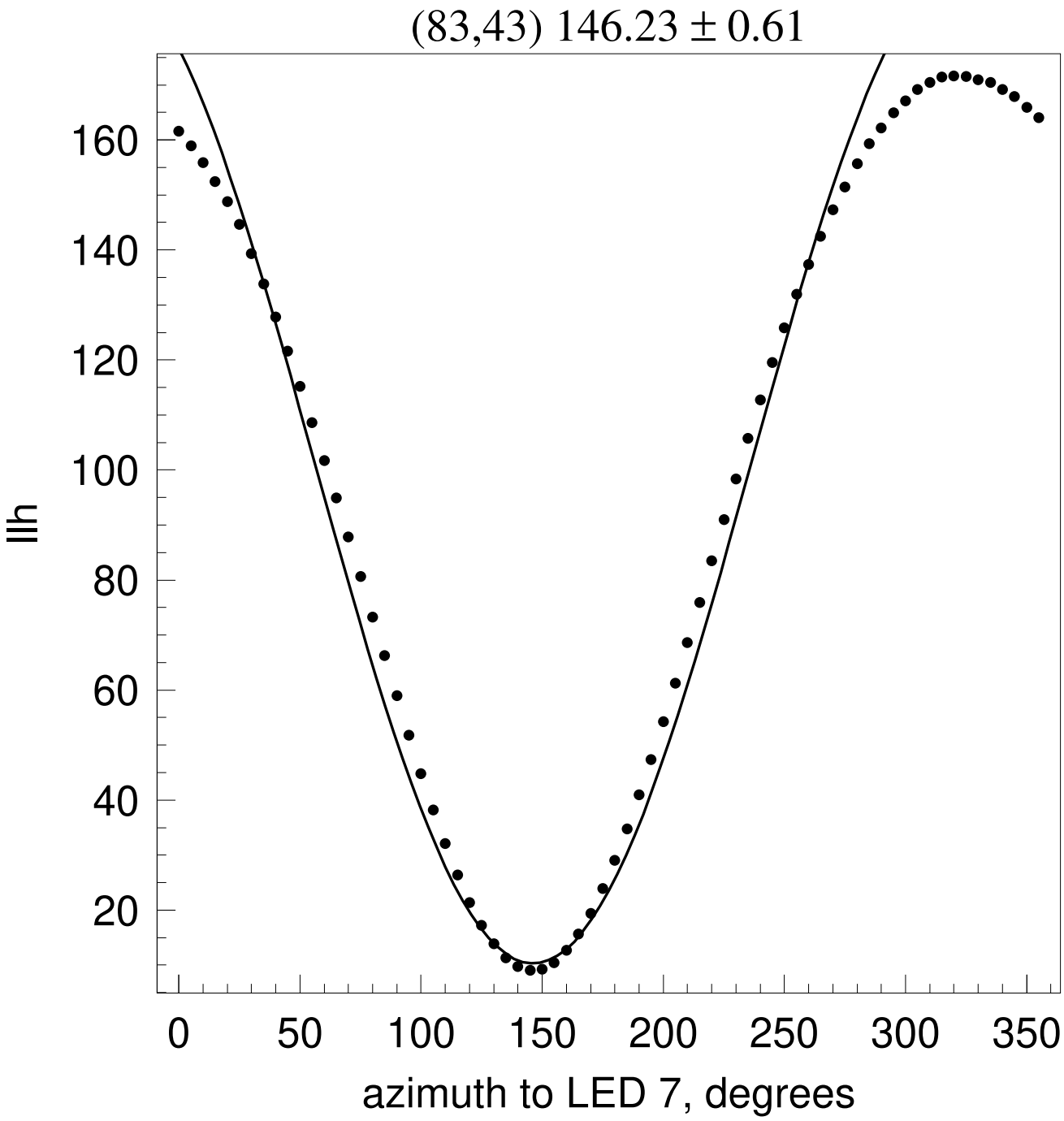

(83,38) 265.58 ± 0.80
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

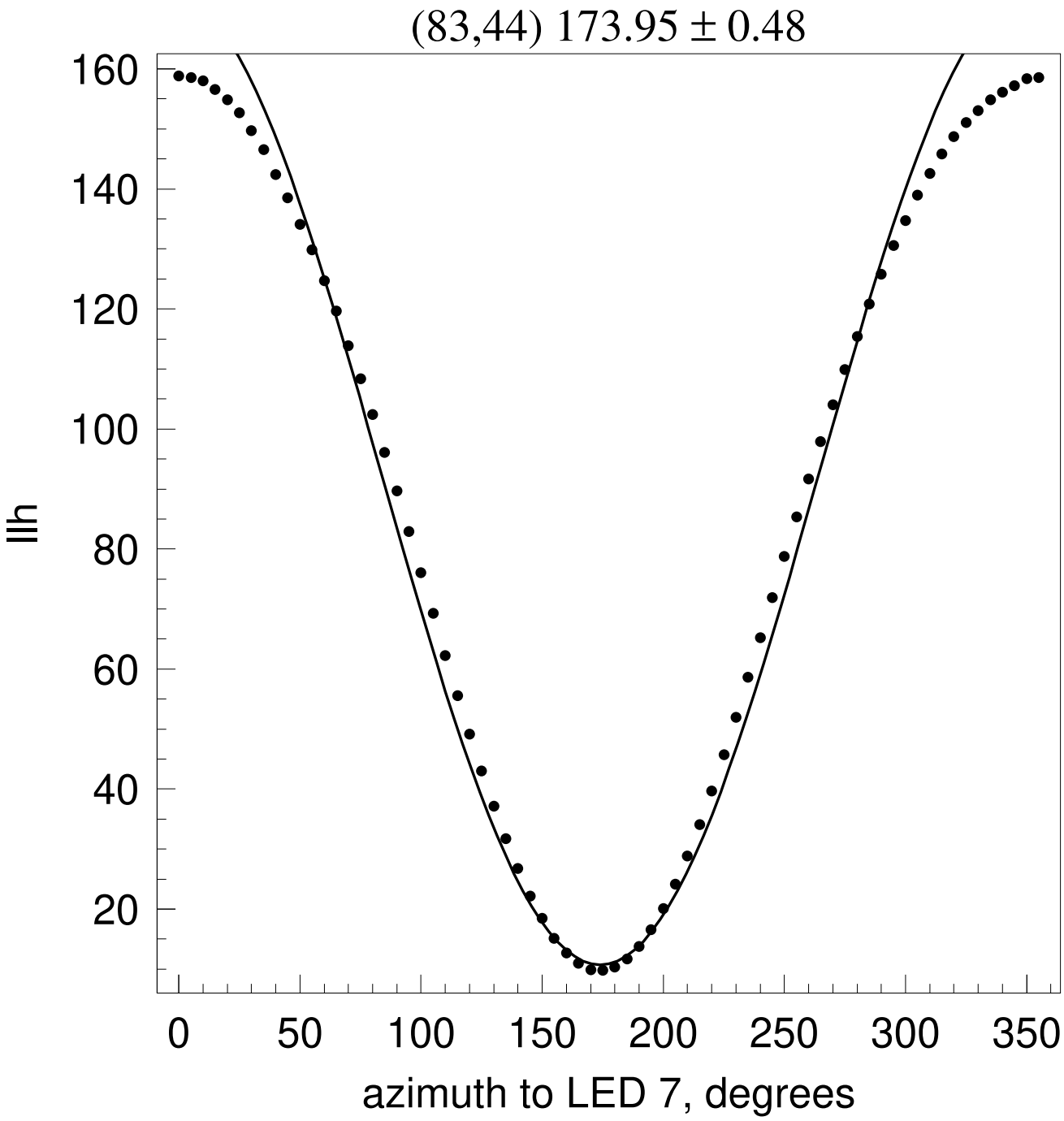

(83,39) 243.17 ± 0.83
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

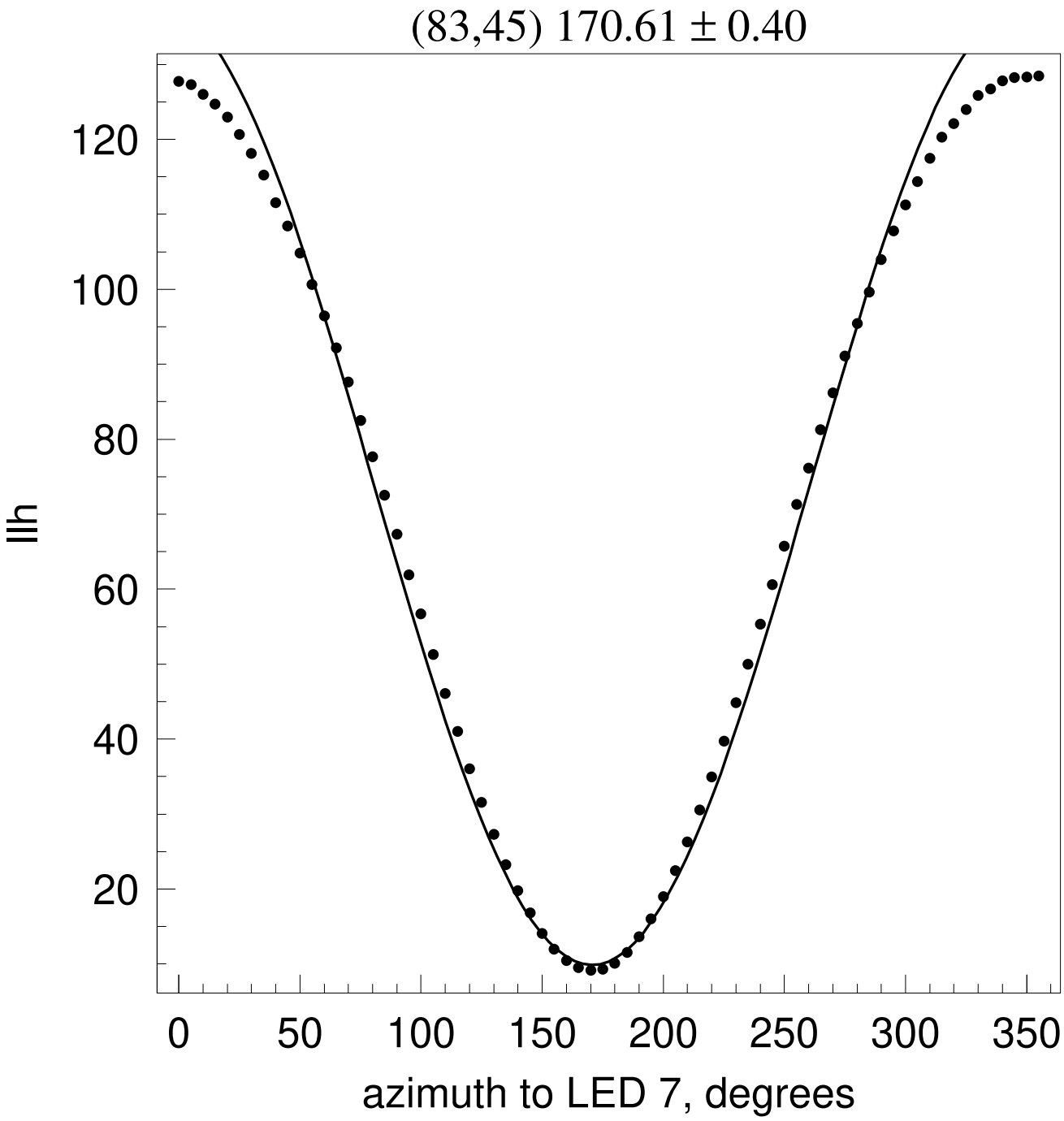

(83,40) 268.98 ± 0.64
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

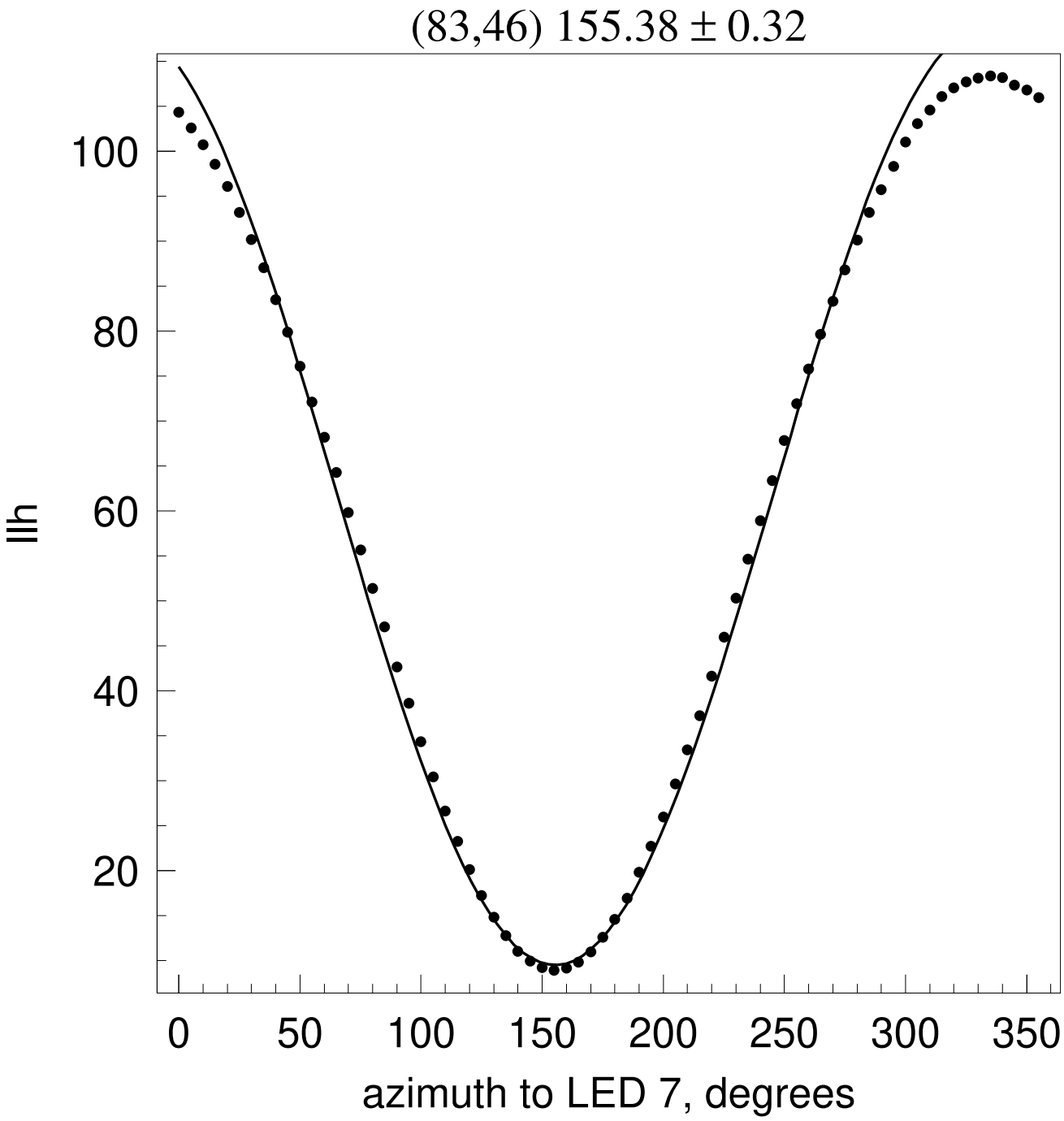

(83,41) 223.76 ± 0.73
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

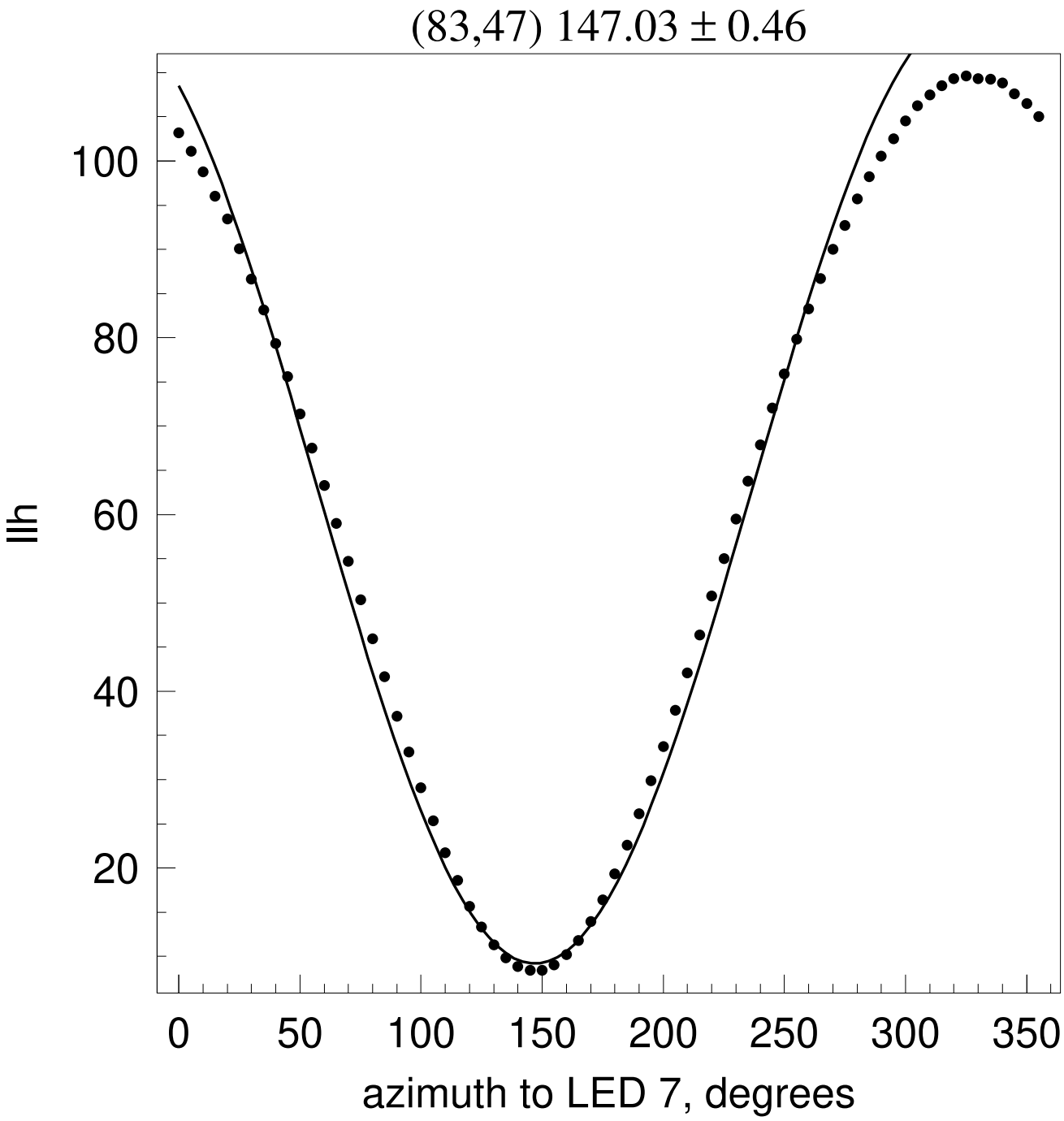

(83,42) 163.23 ± 0.69
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

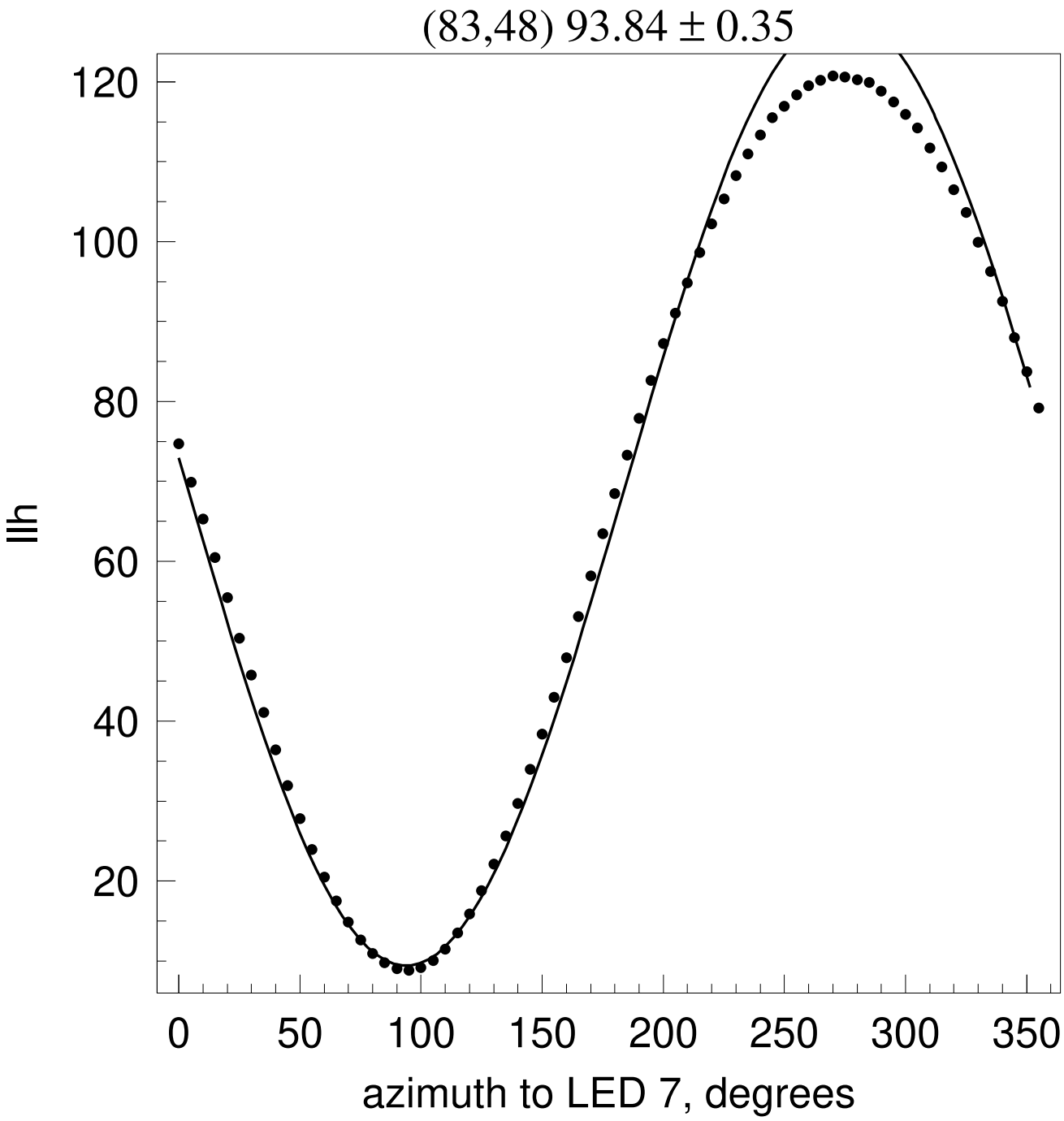

(83,43) 146.23 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

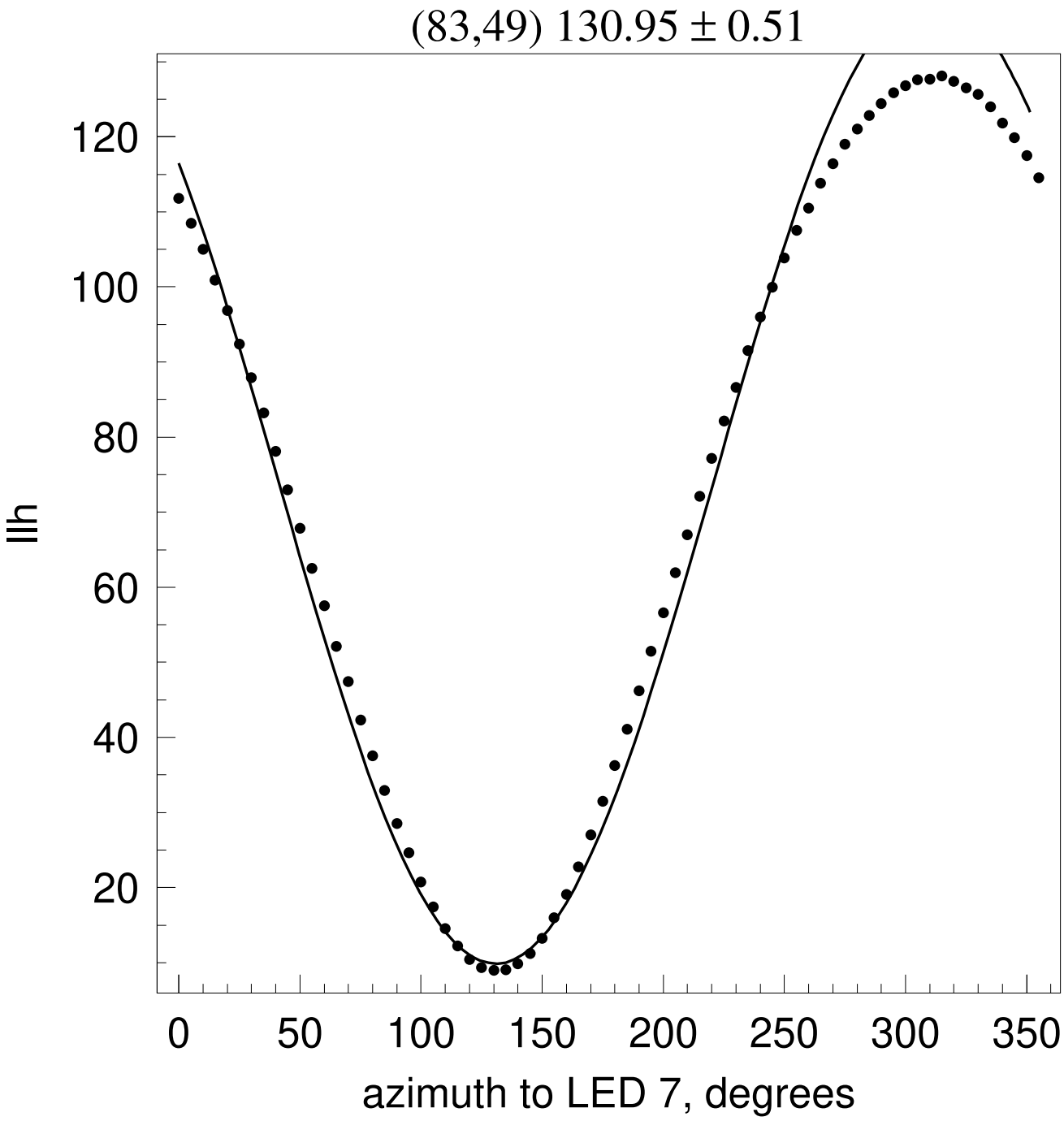

(83,44) 173.95 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

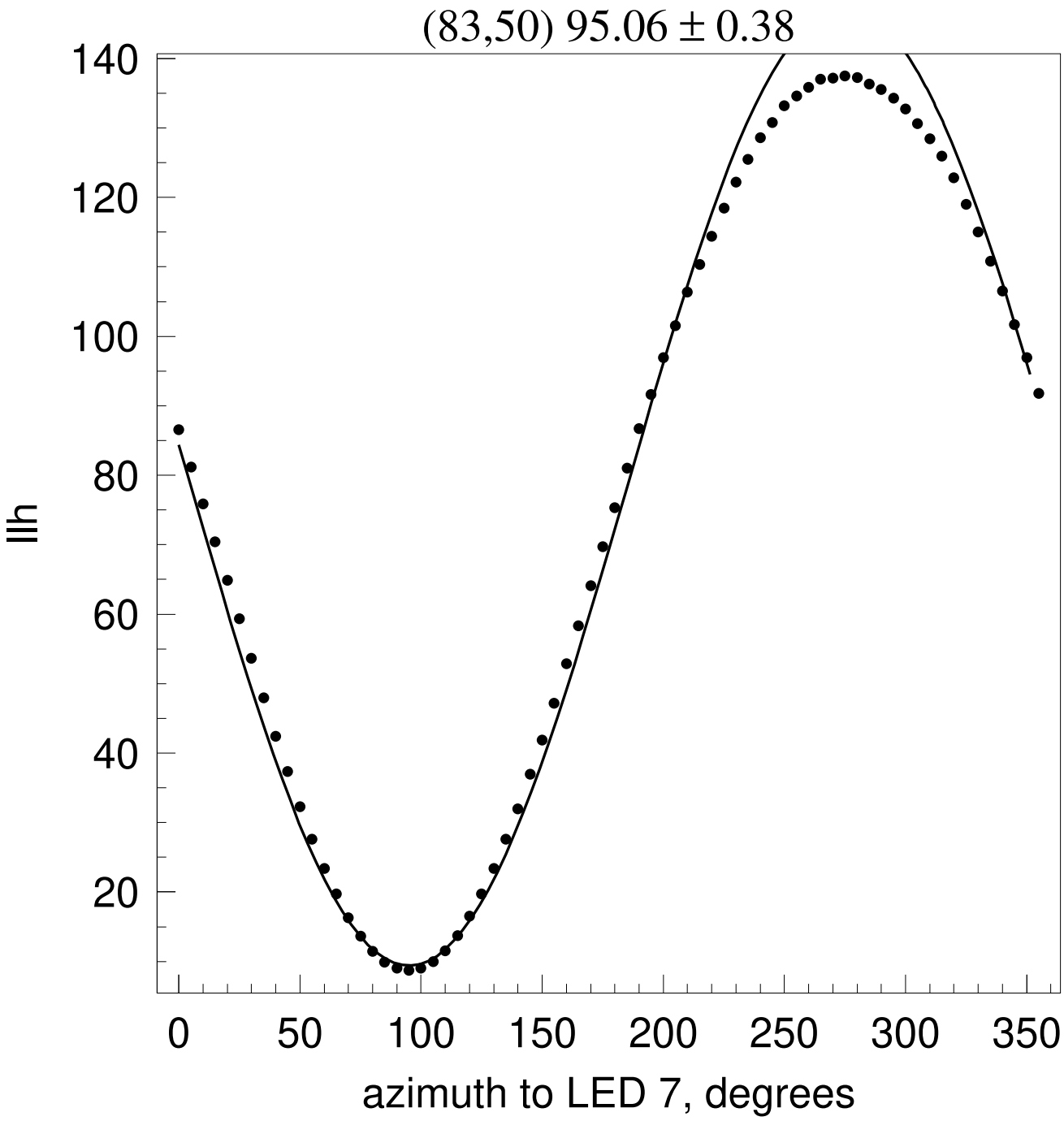

(83,45) 170.61 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

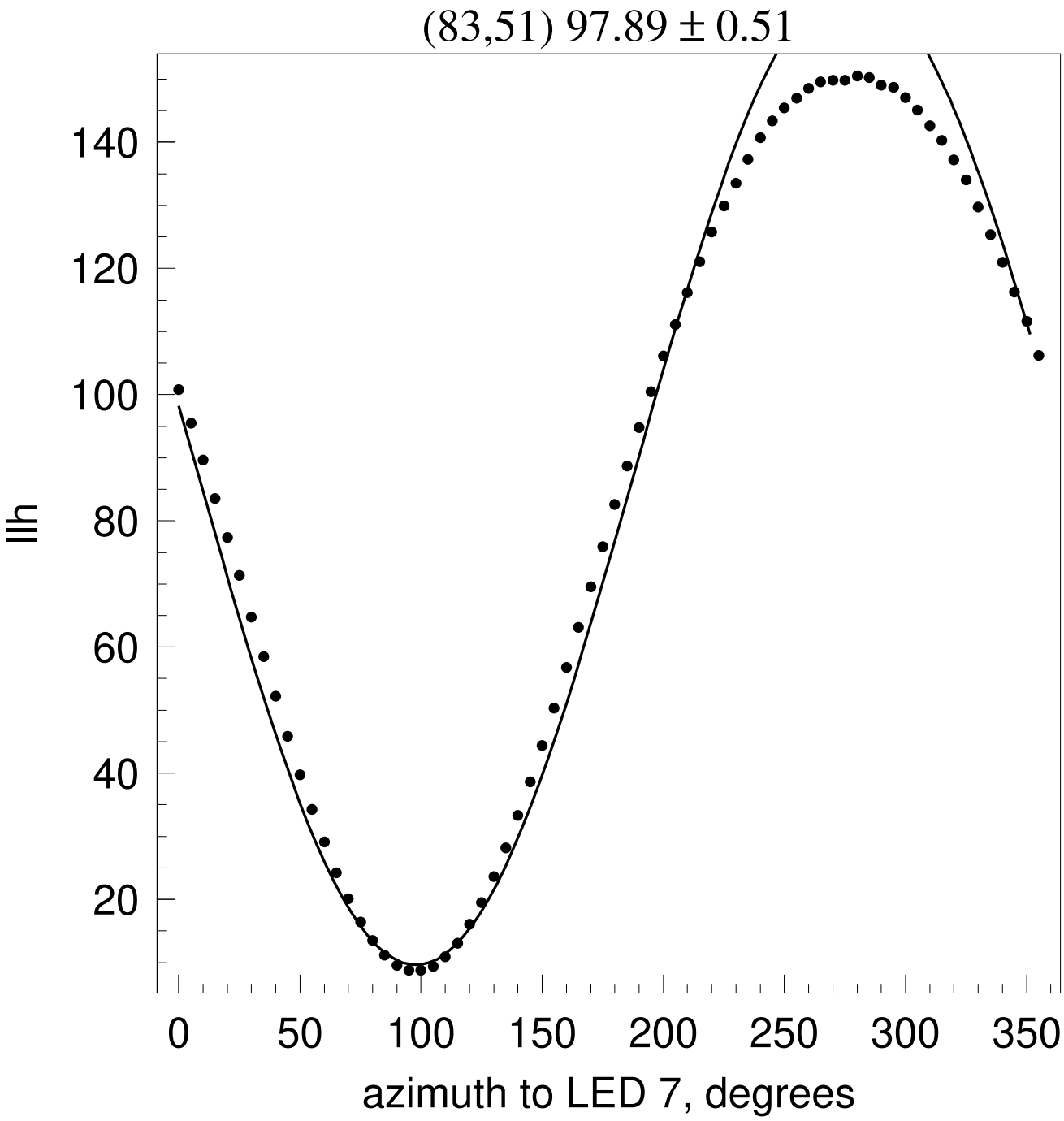

(83,46) 155.38 ± 0.32
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

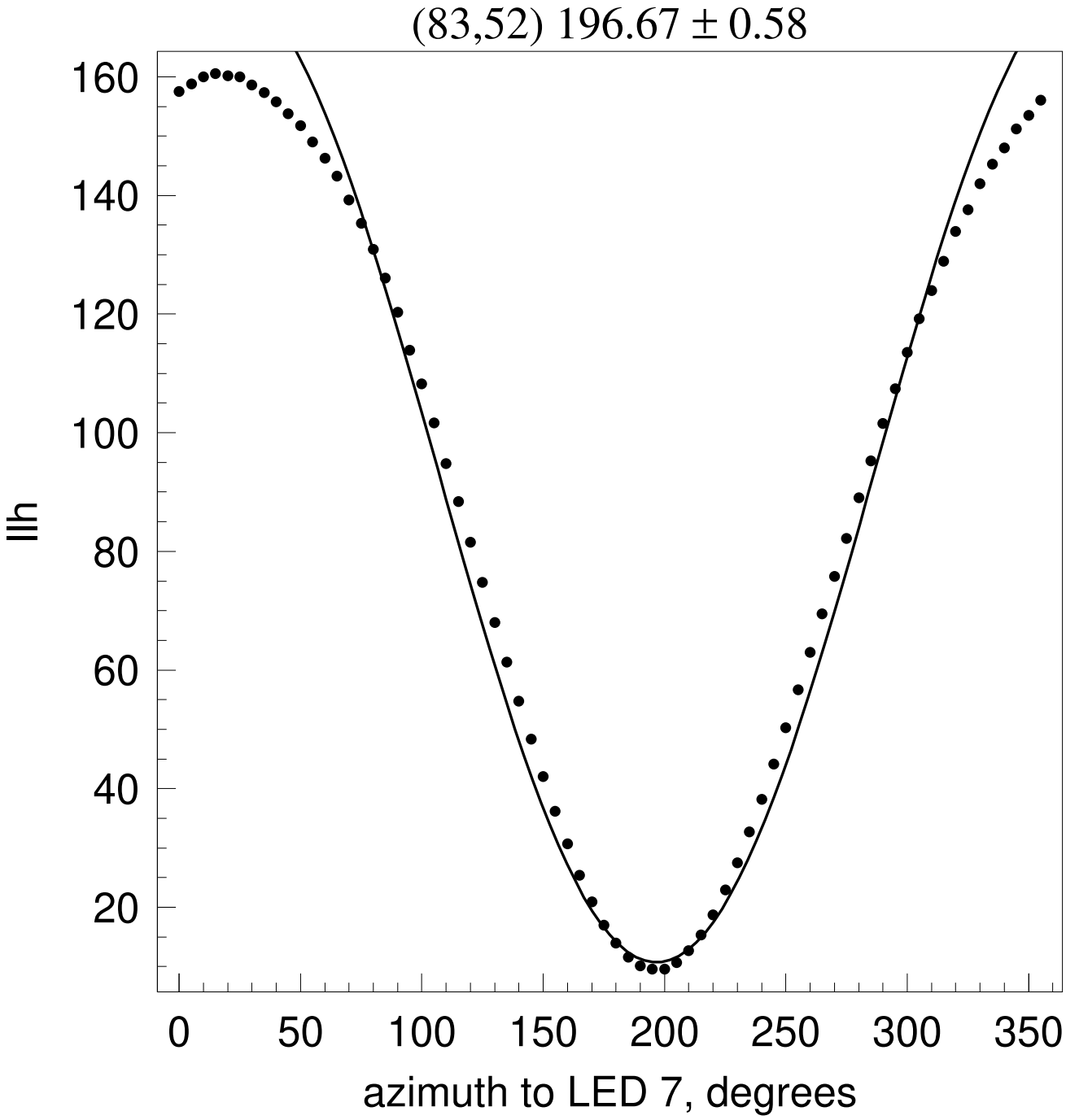

(83,47) 147.03 ± 0.46
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

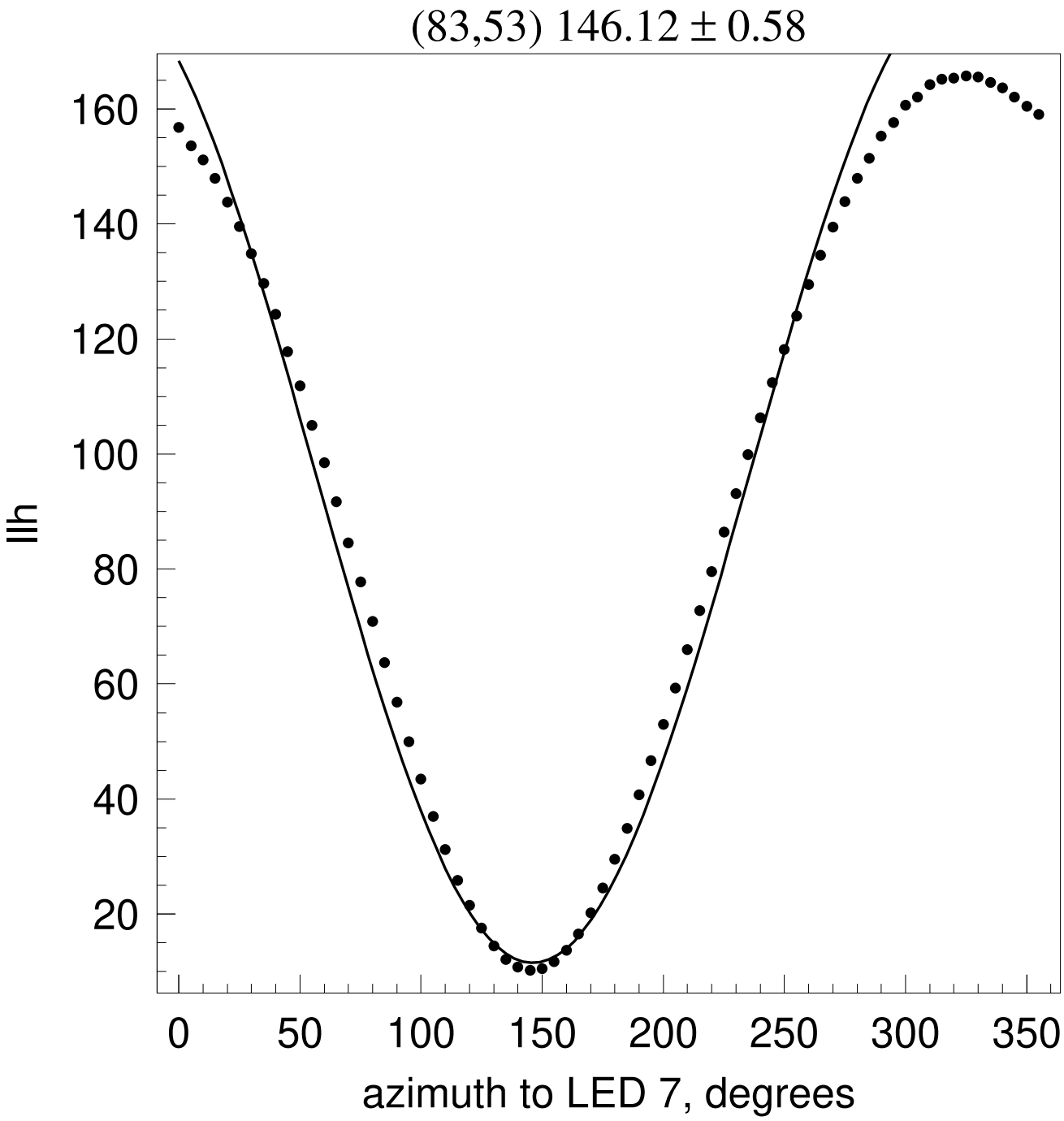

(83,48) 93.84 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

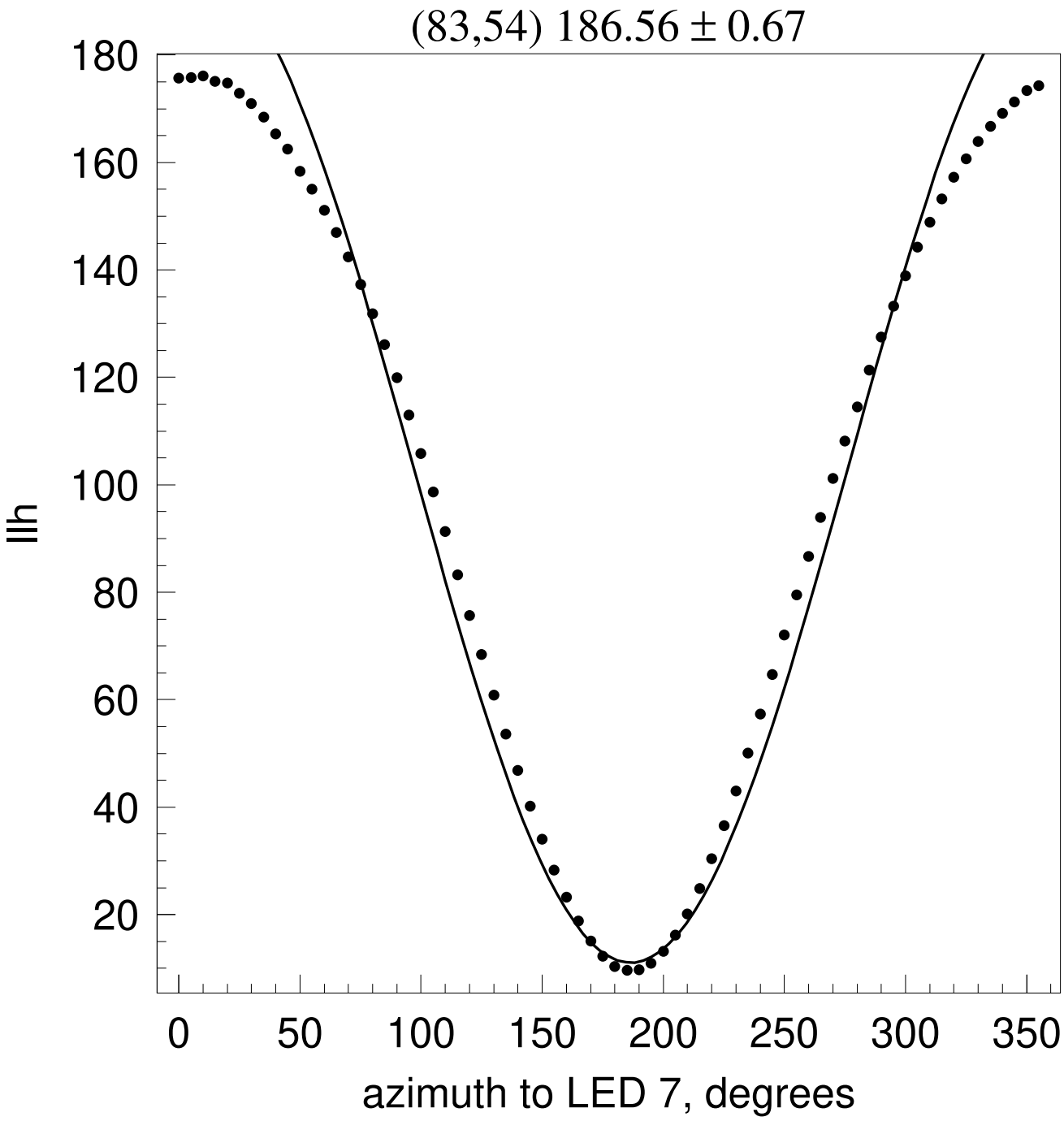

(83,49) 130.95 ± 0.51
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

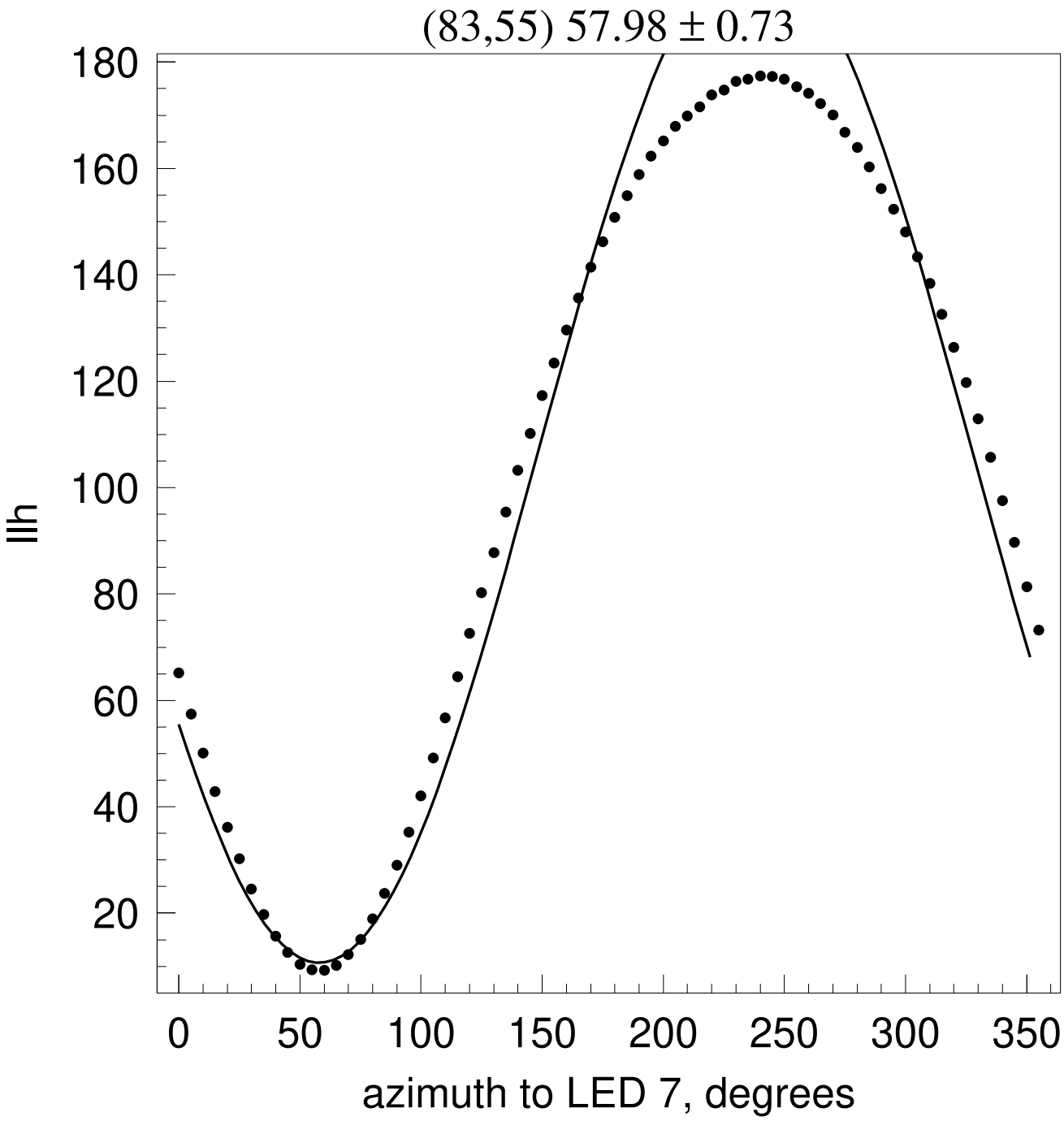

(83,50) 95.06 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

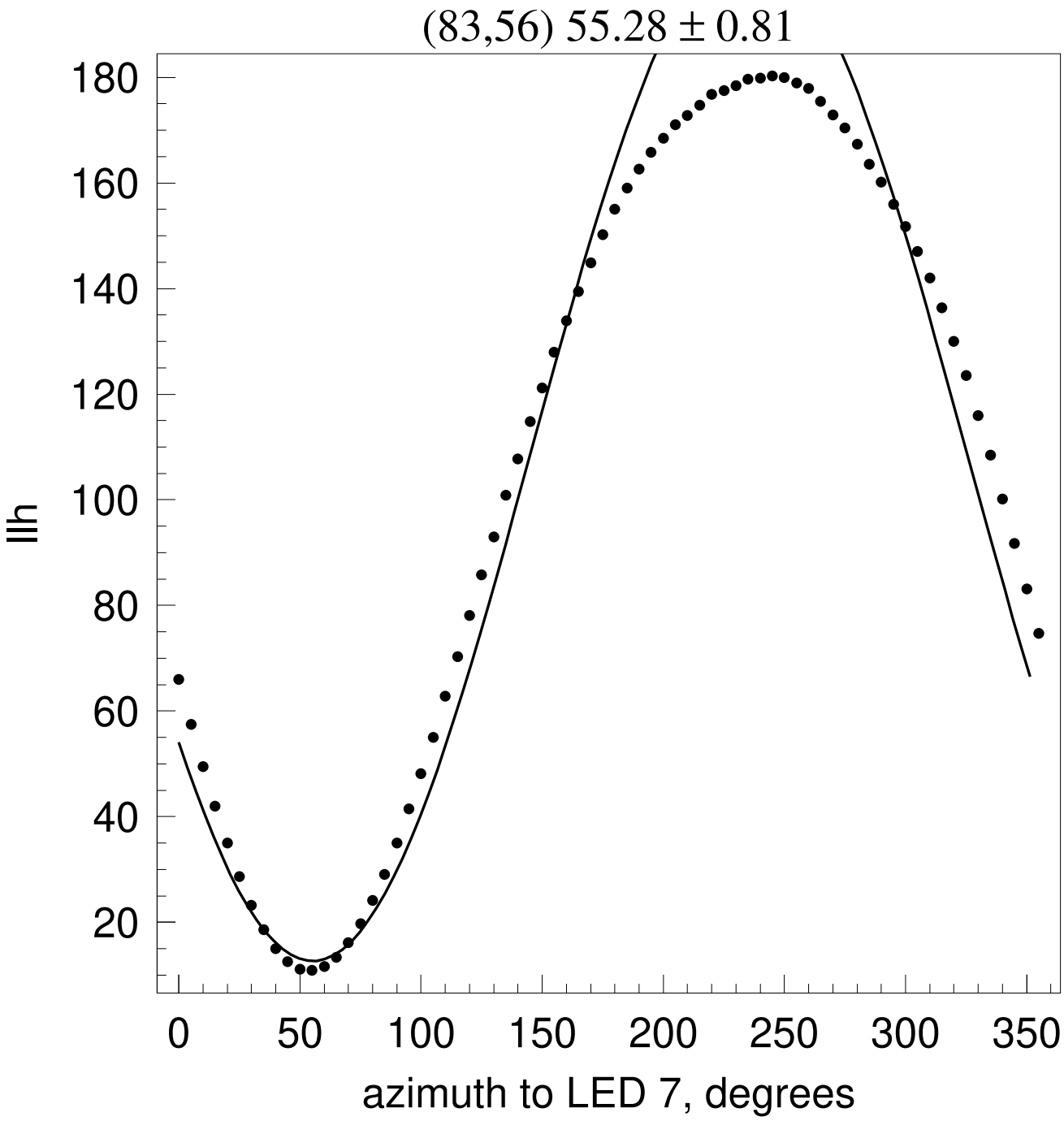

(83,51) 97.89 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

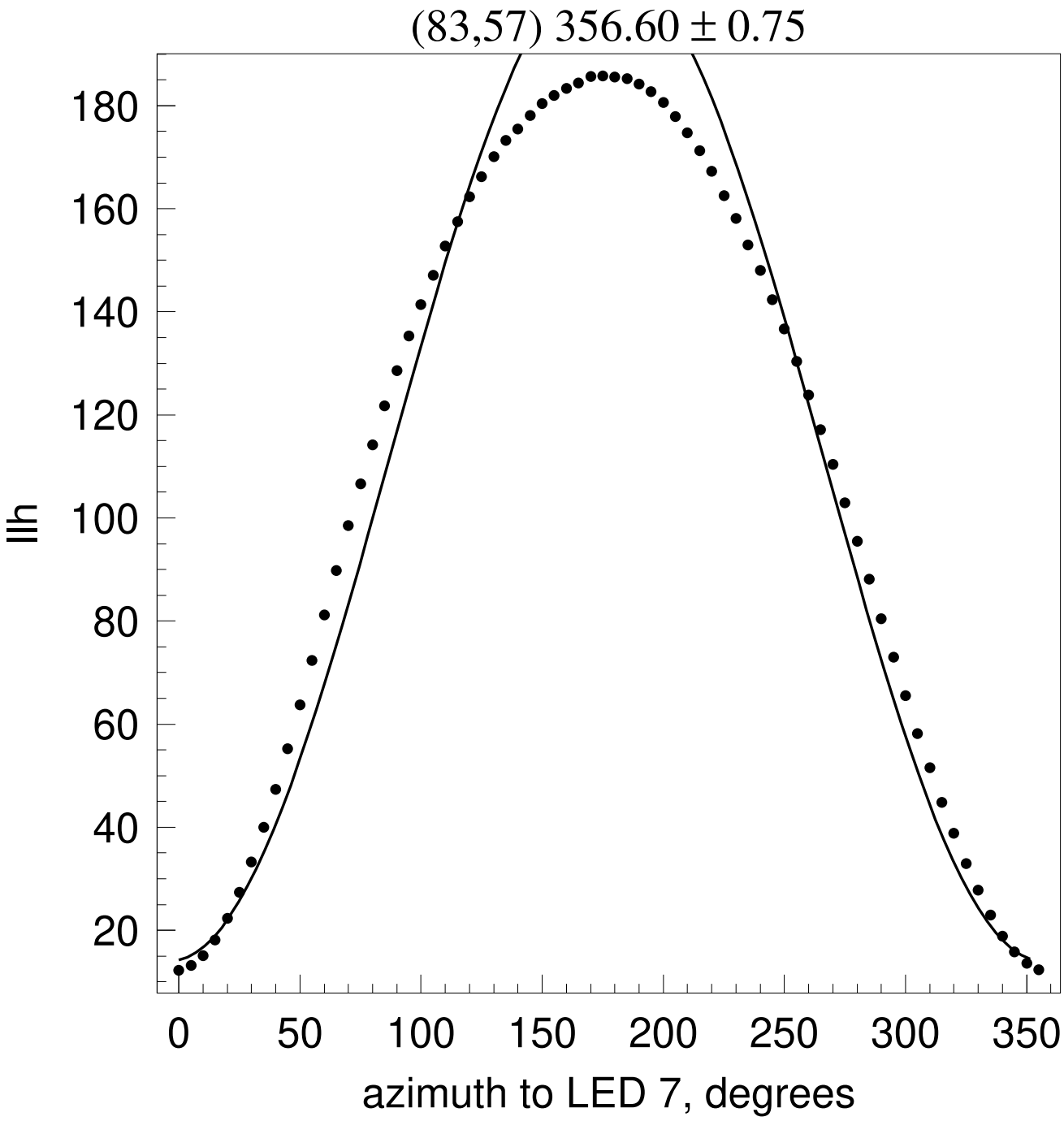

(83,52) 196.67 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

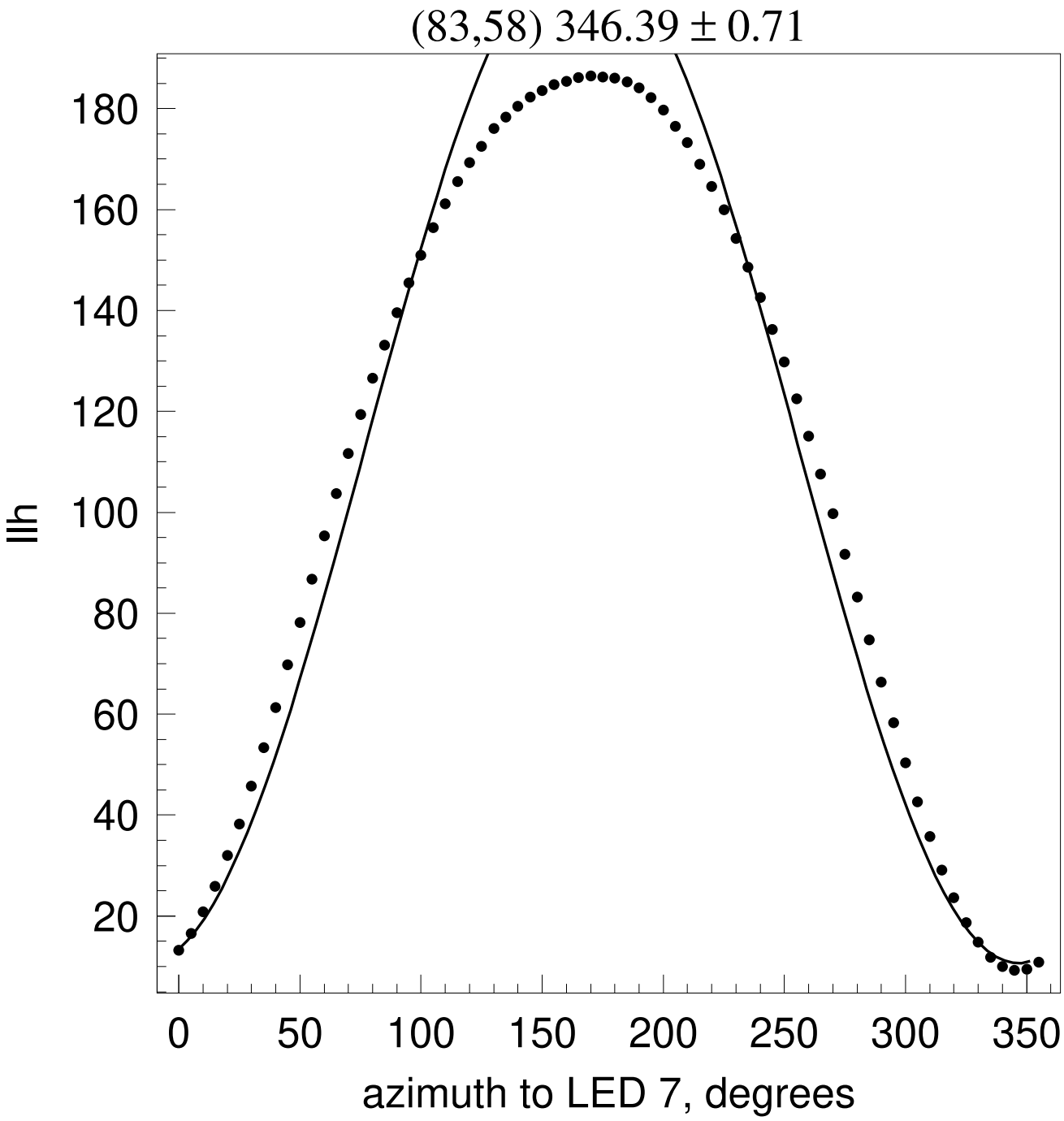

(83,53) 146.12 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

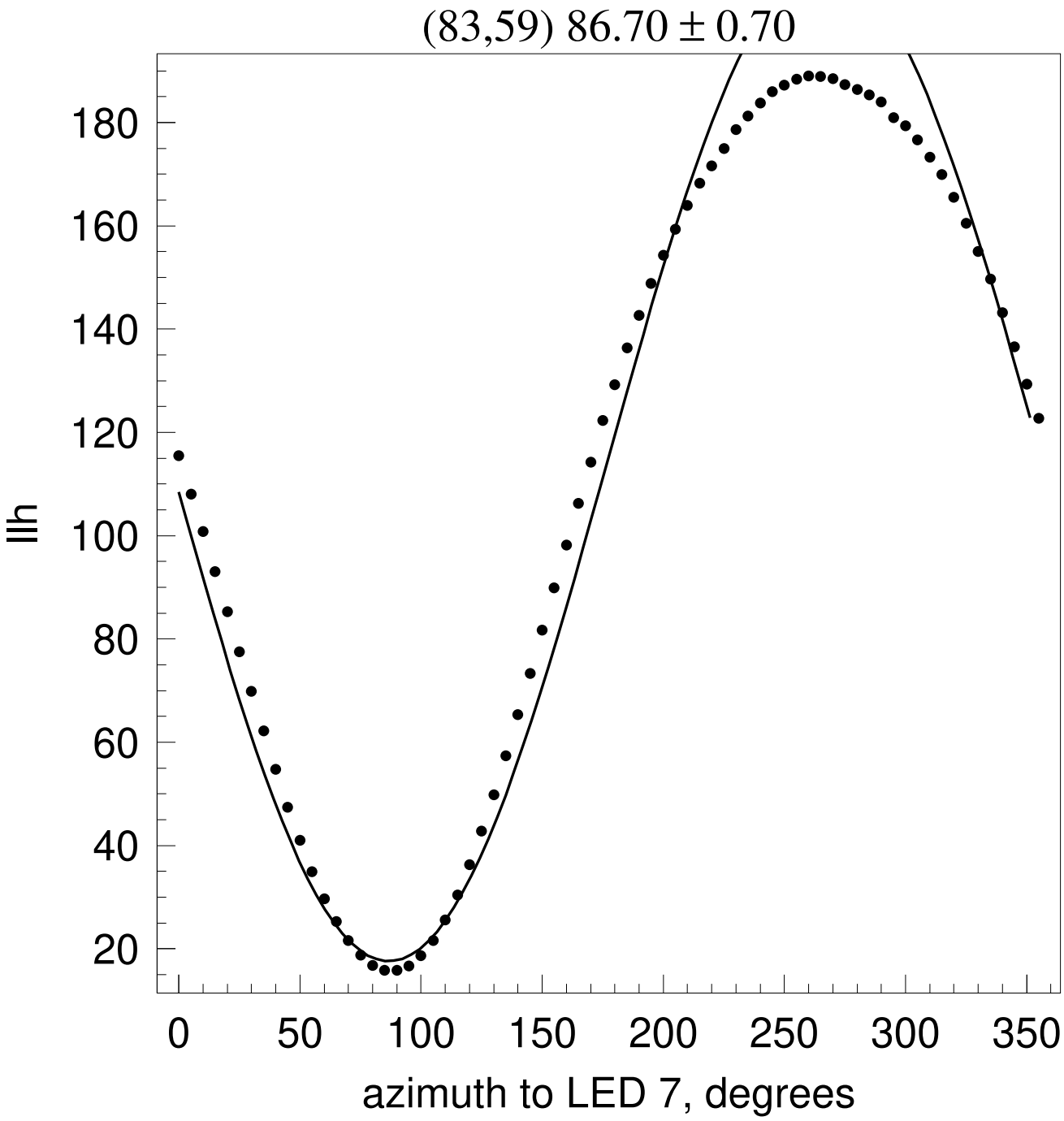

(83,54) 186.56 ± 0.67
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

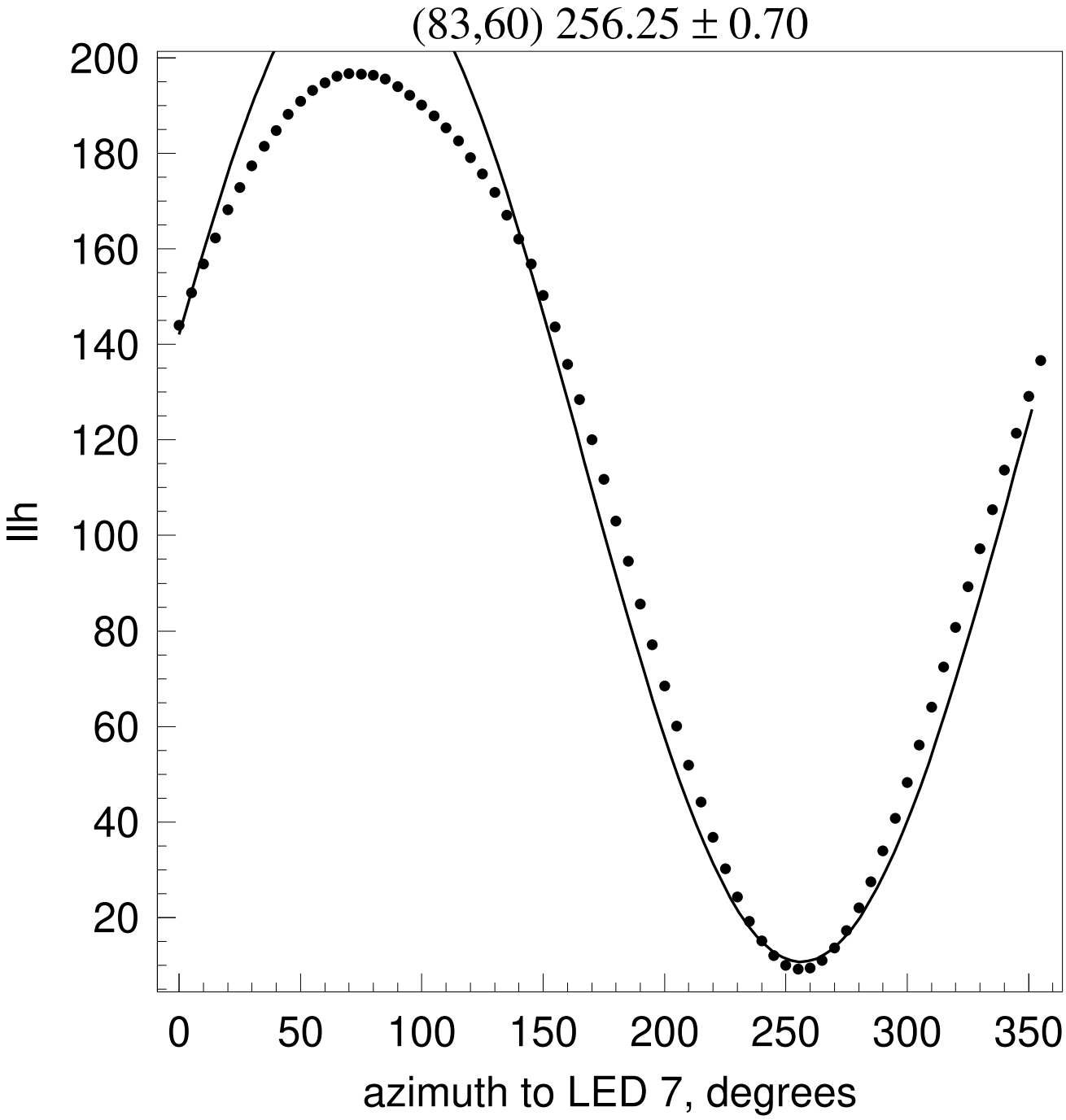

(83,55) 57.98 ± 0.73
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

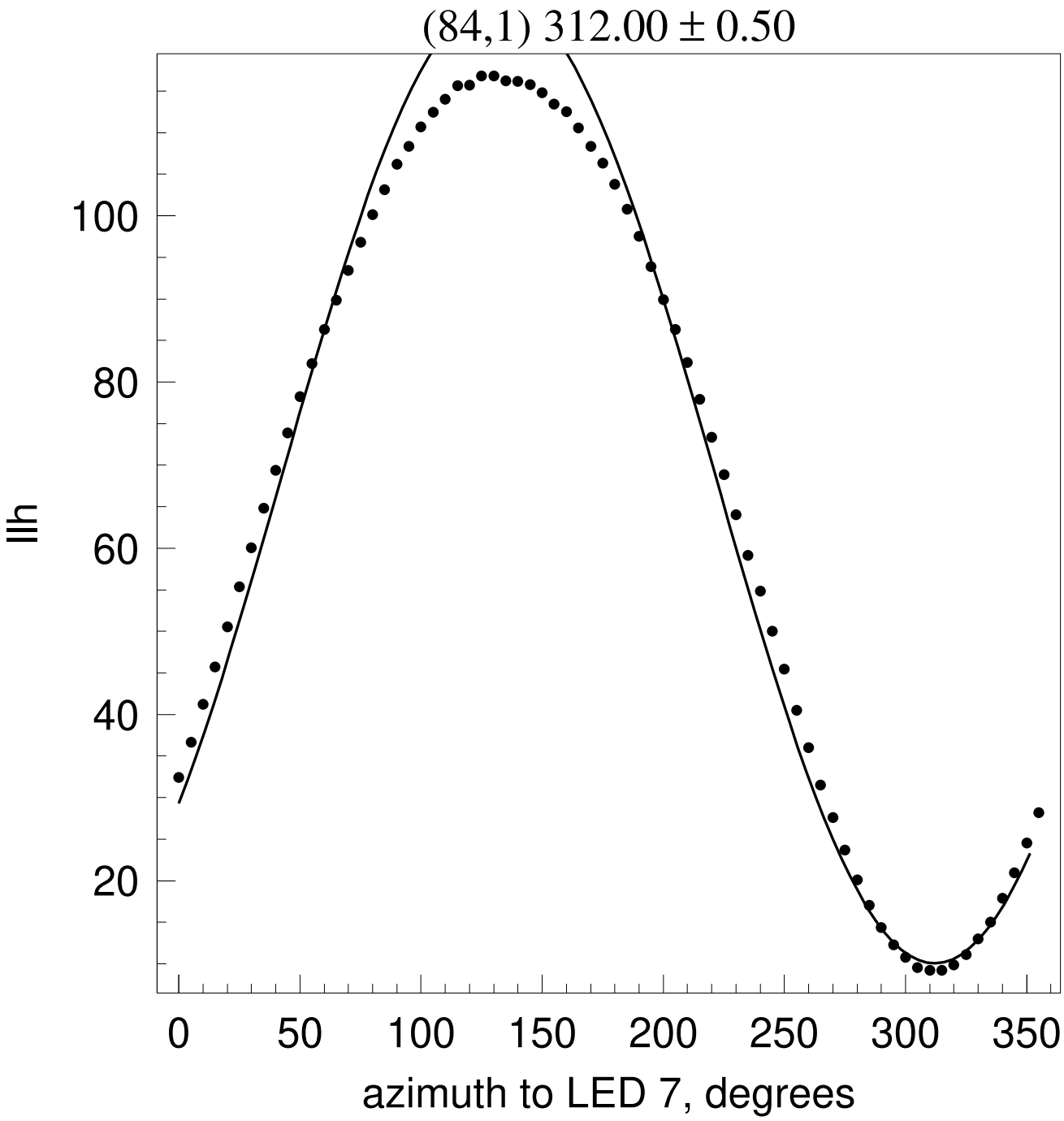

(83,56) 55.28 ± 0.81
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

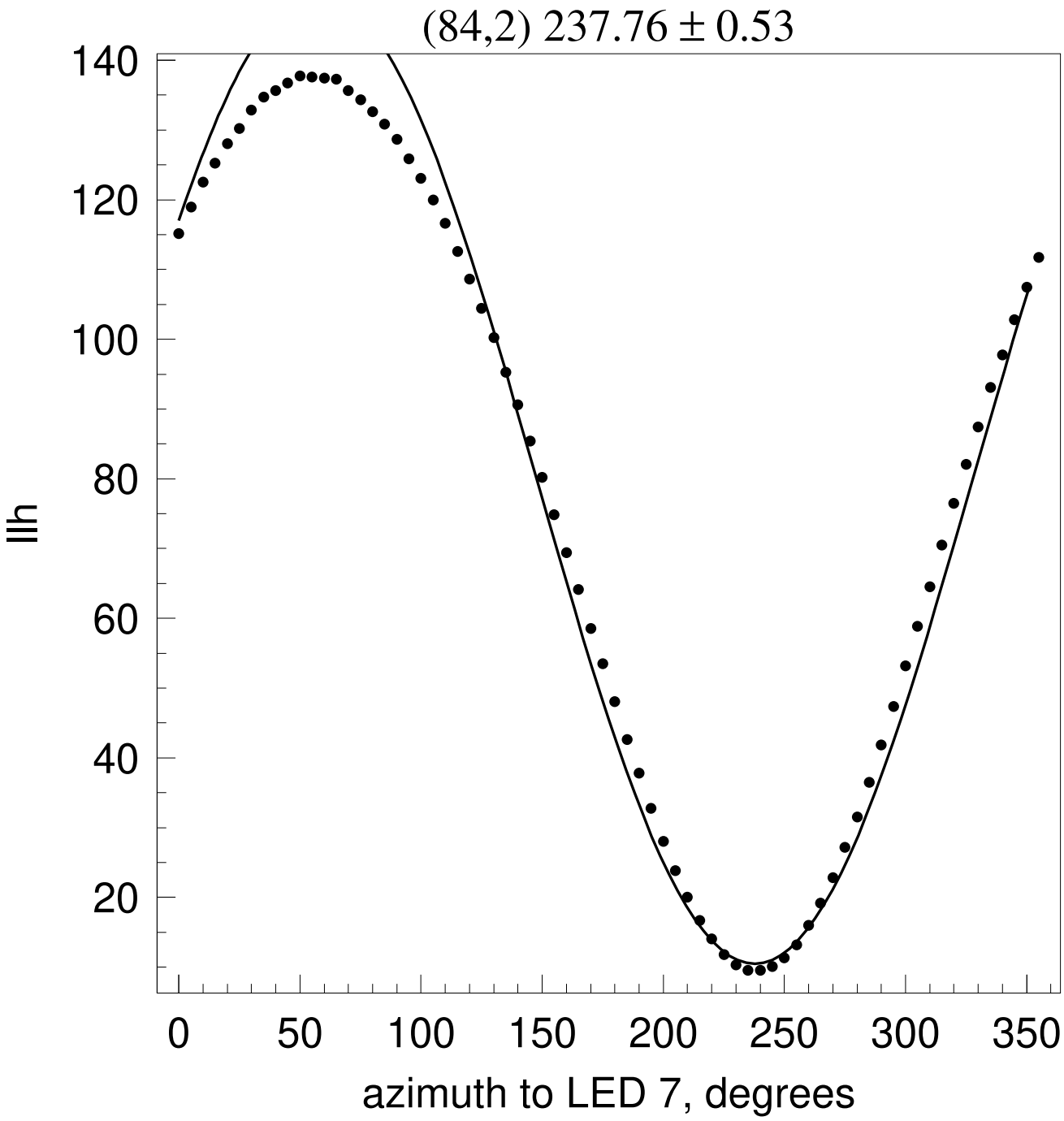

(83,57) 356.60 ± 0.75
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

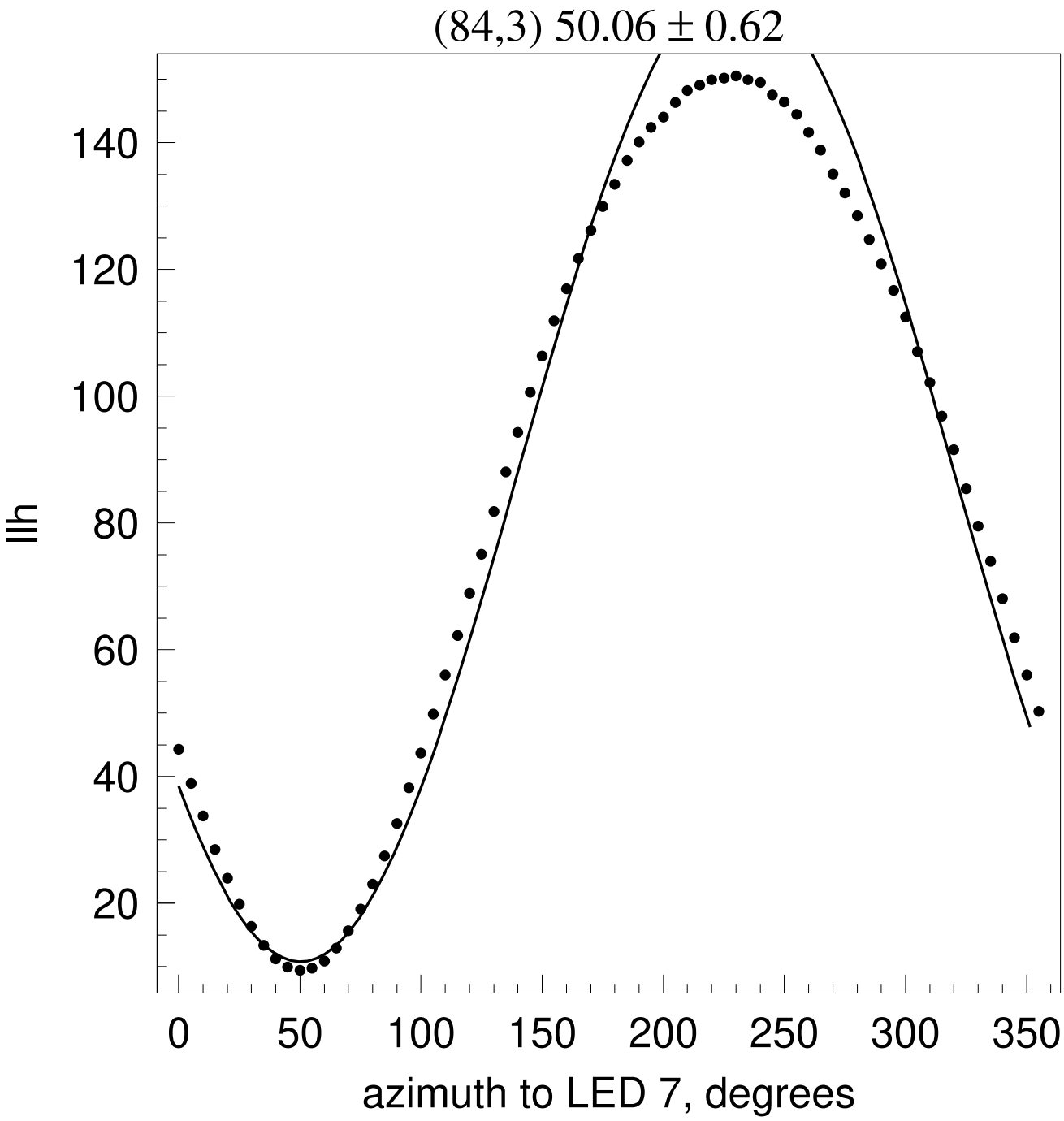

(83,58) 346.39 ± 0.71
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

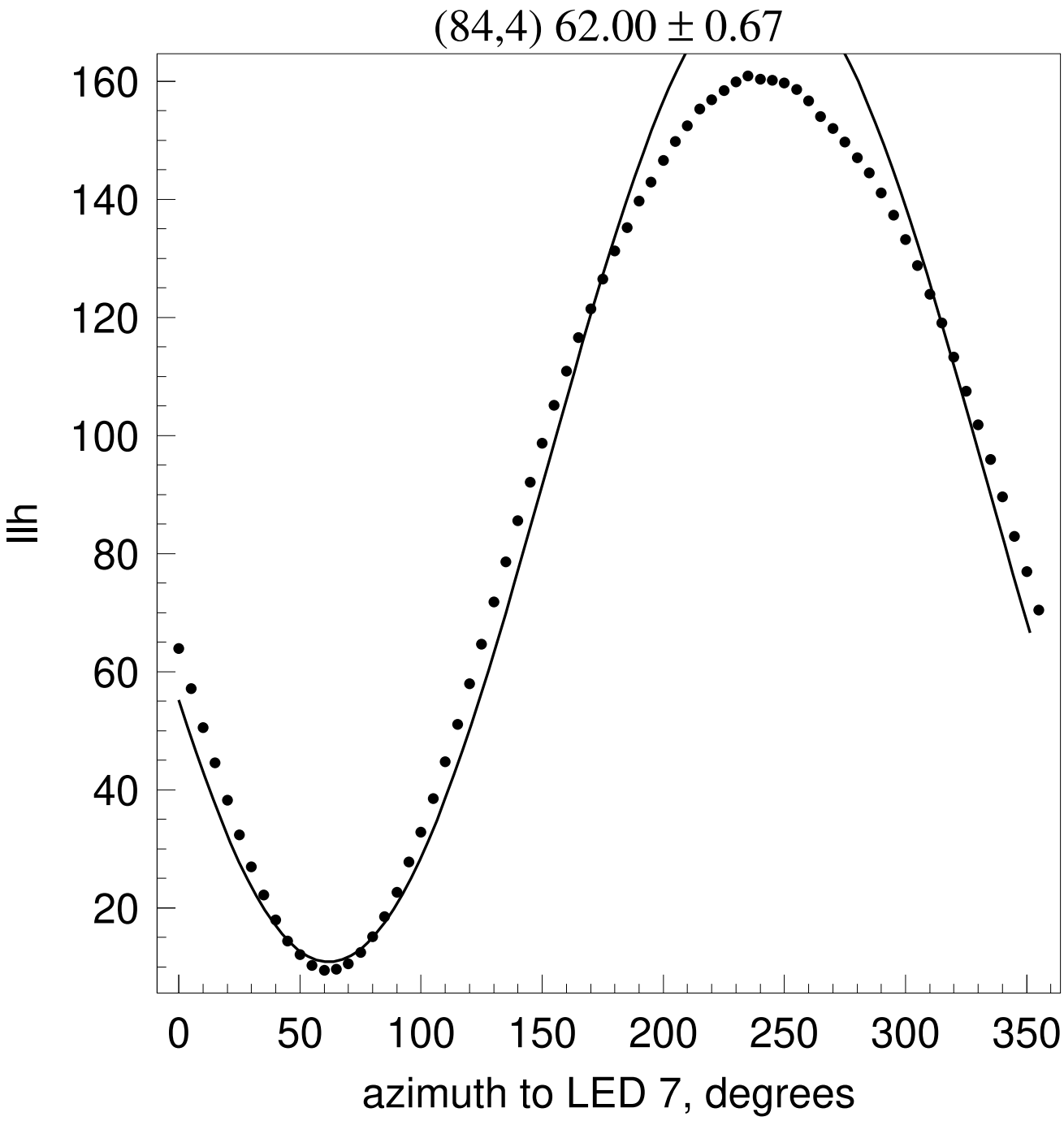

(83,59) 86.70 ± 0.70
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

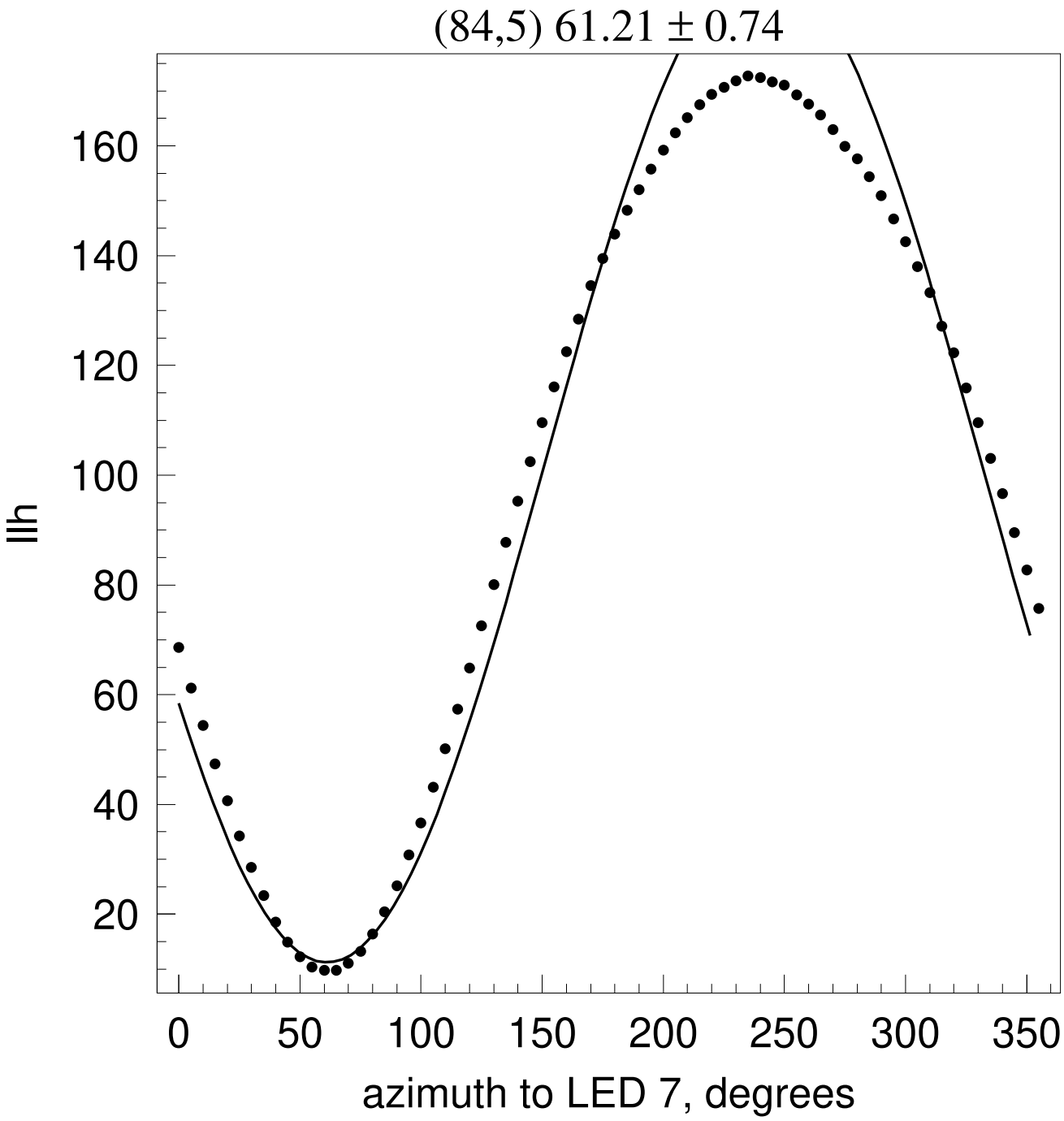

(83,60) 256.25 ± 0.70
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

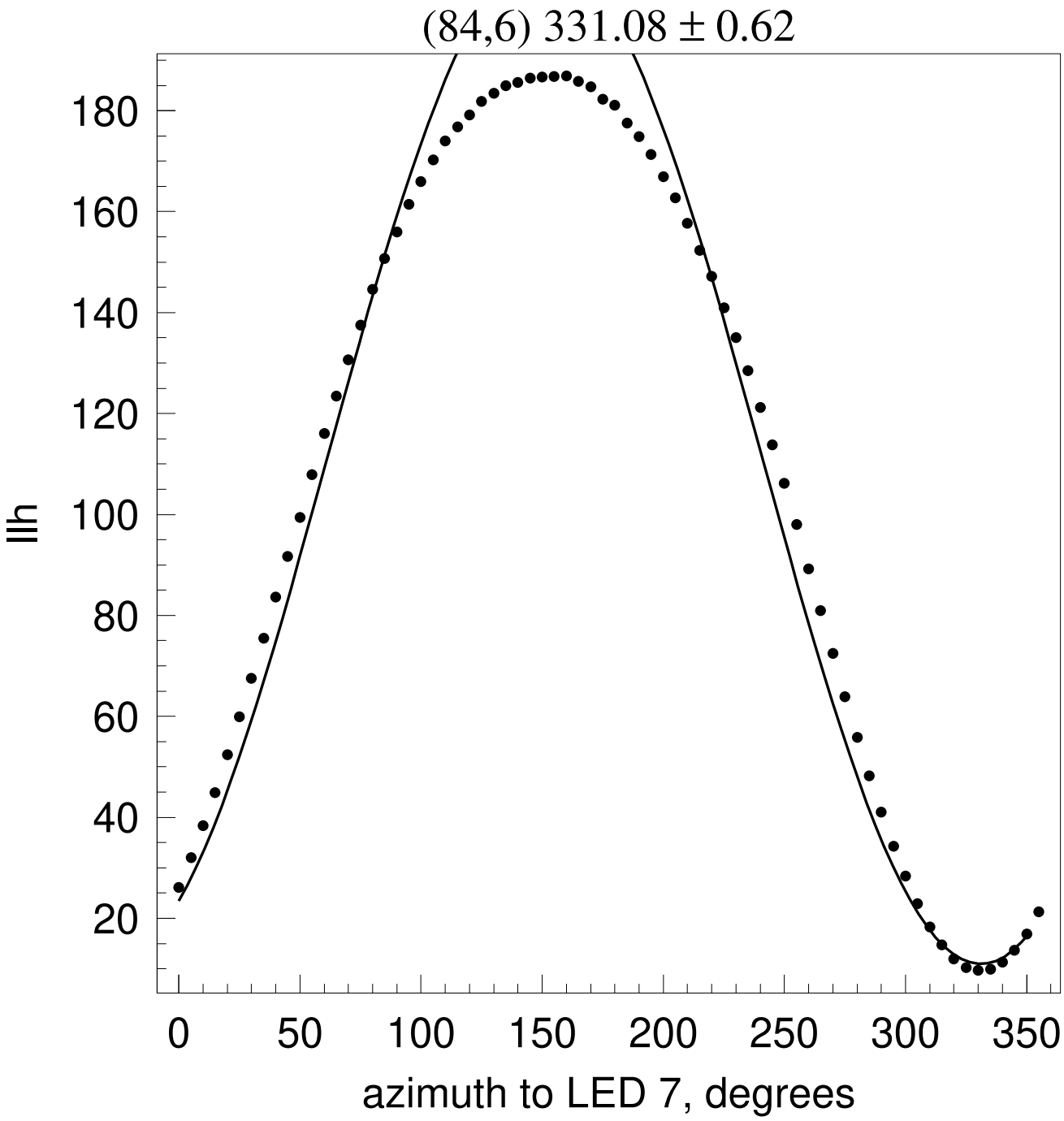

(84,1) 312.00 ± 0.50
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

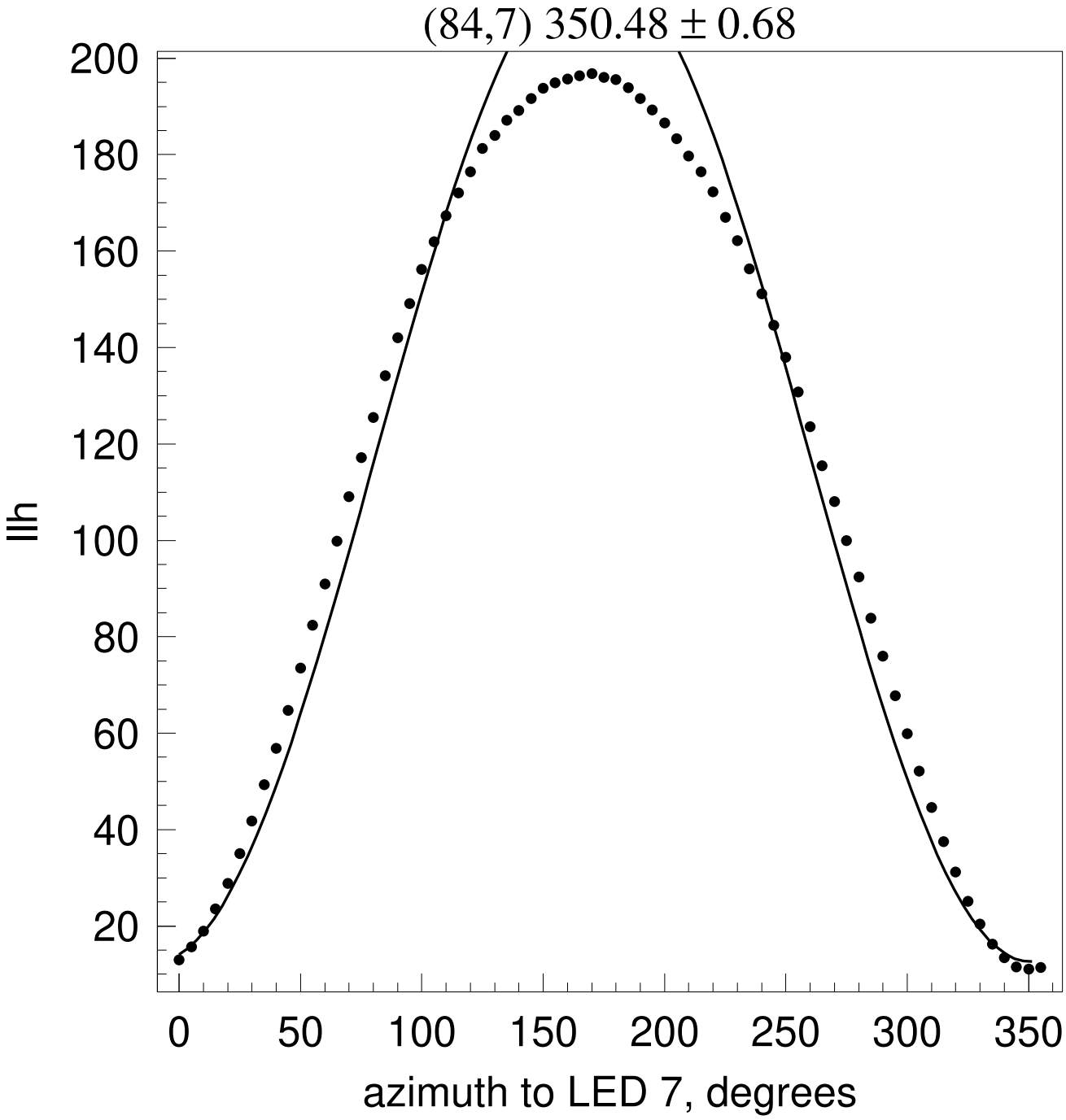

(84,2) 237.76 ± 0.53
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

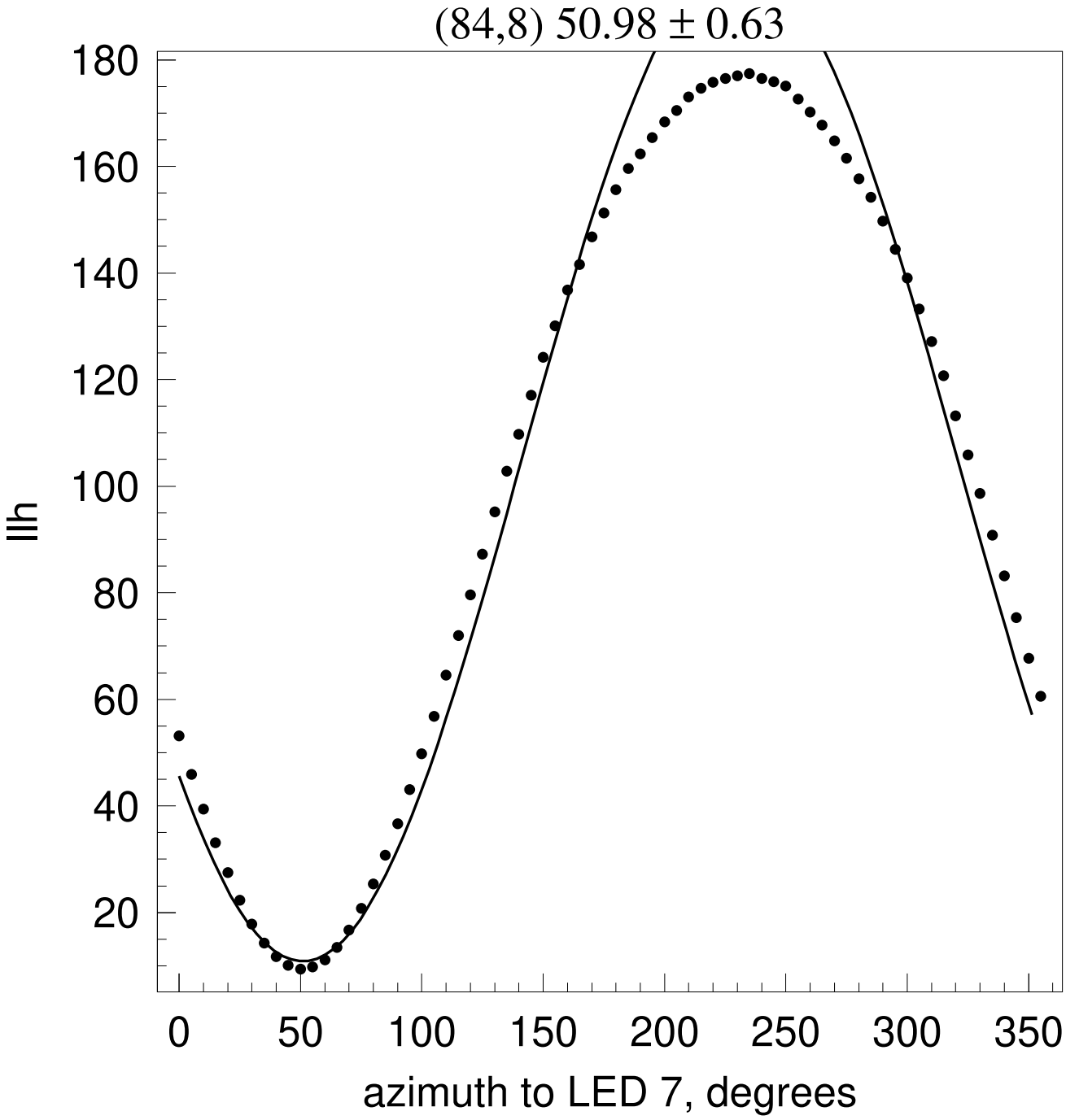

(84,3) 50.06 ± 0.62
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

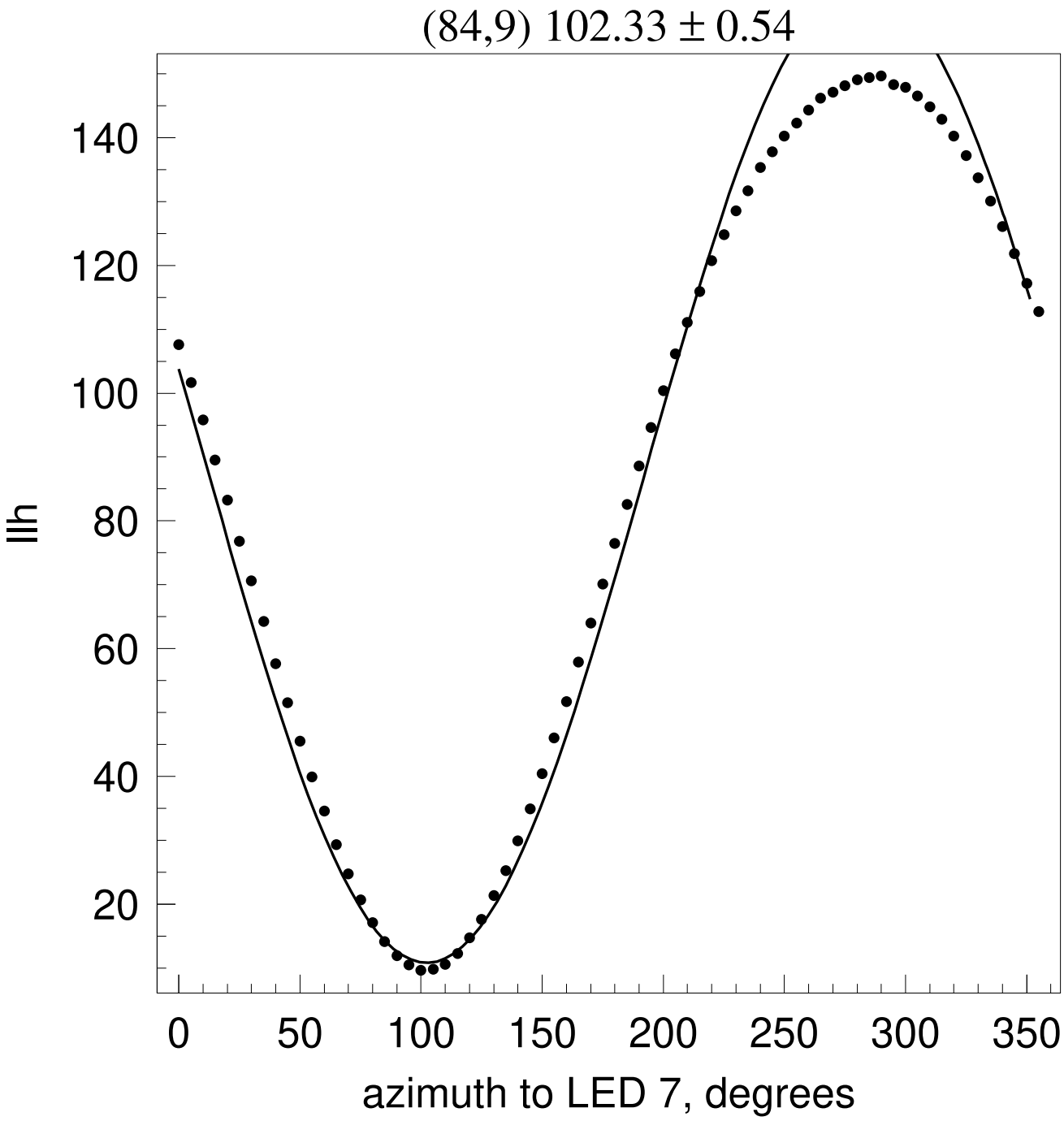

(84,4) 62.00 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

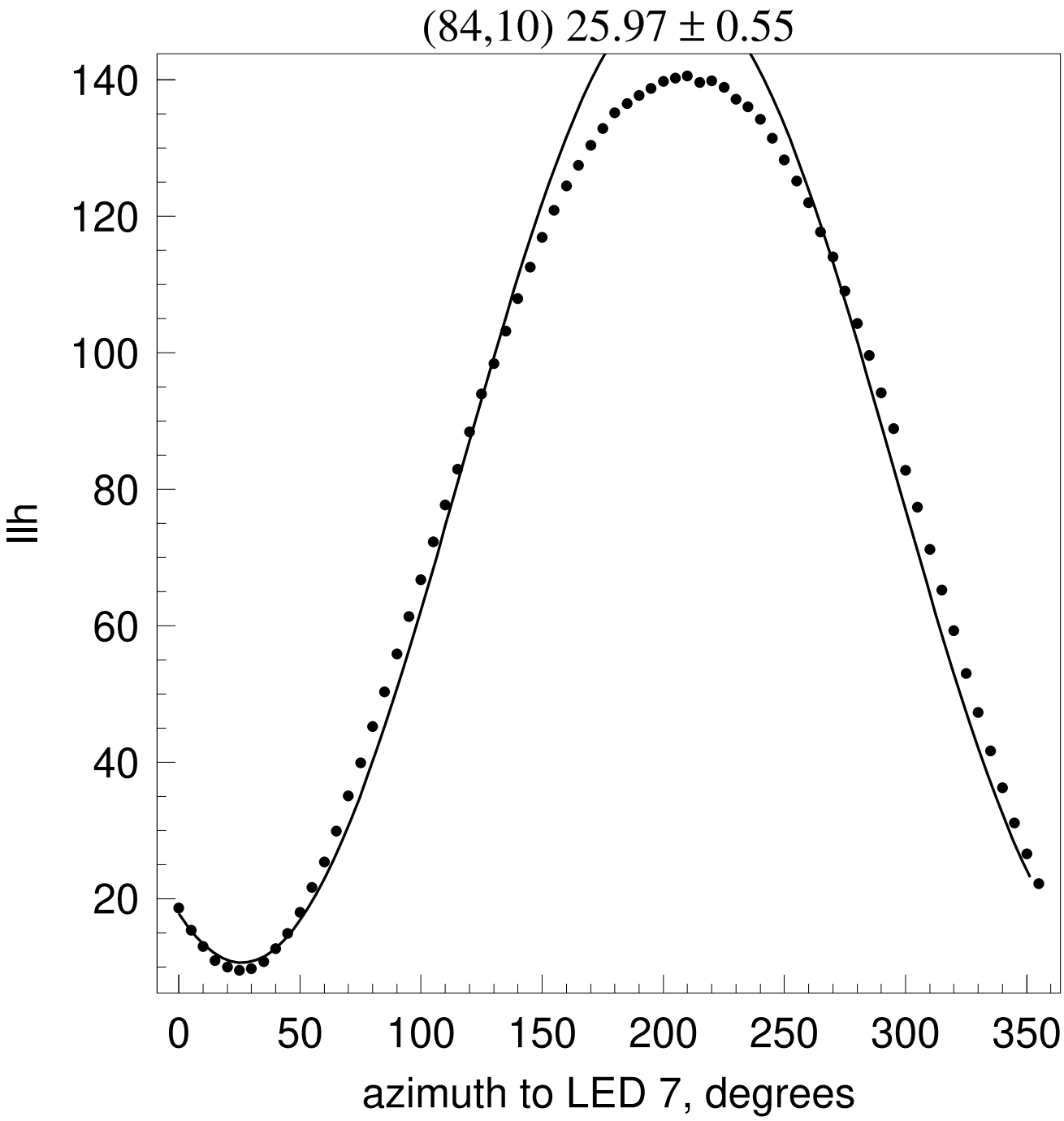

(84,5) 61.21 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

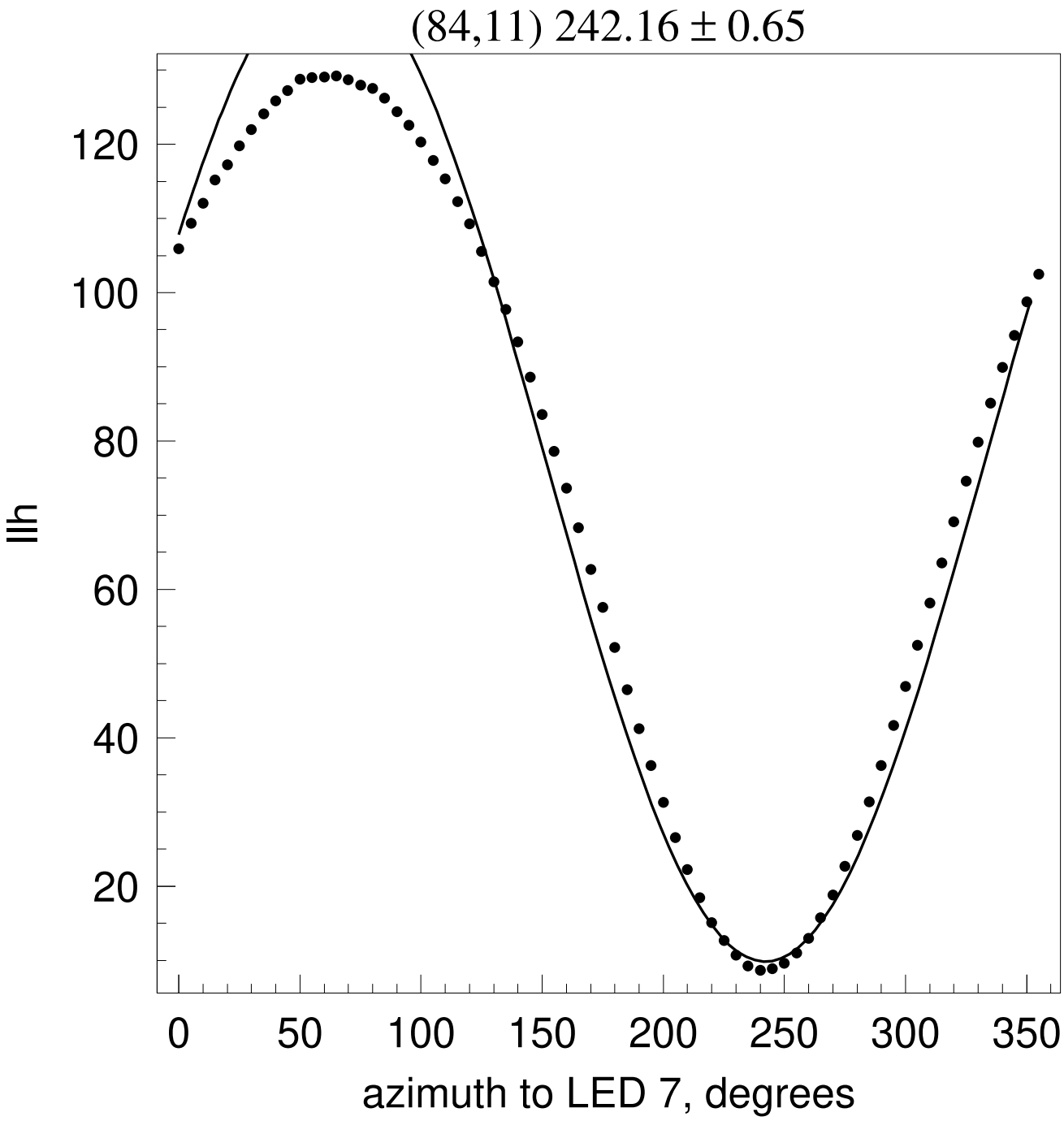

(84,6) 331.08 ± 0.62
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

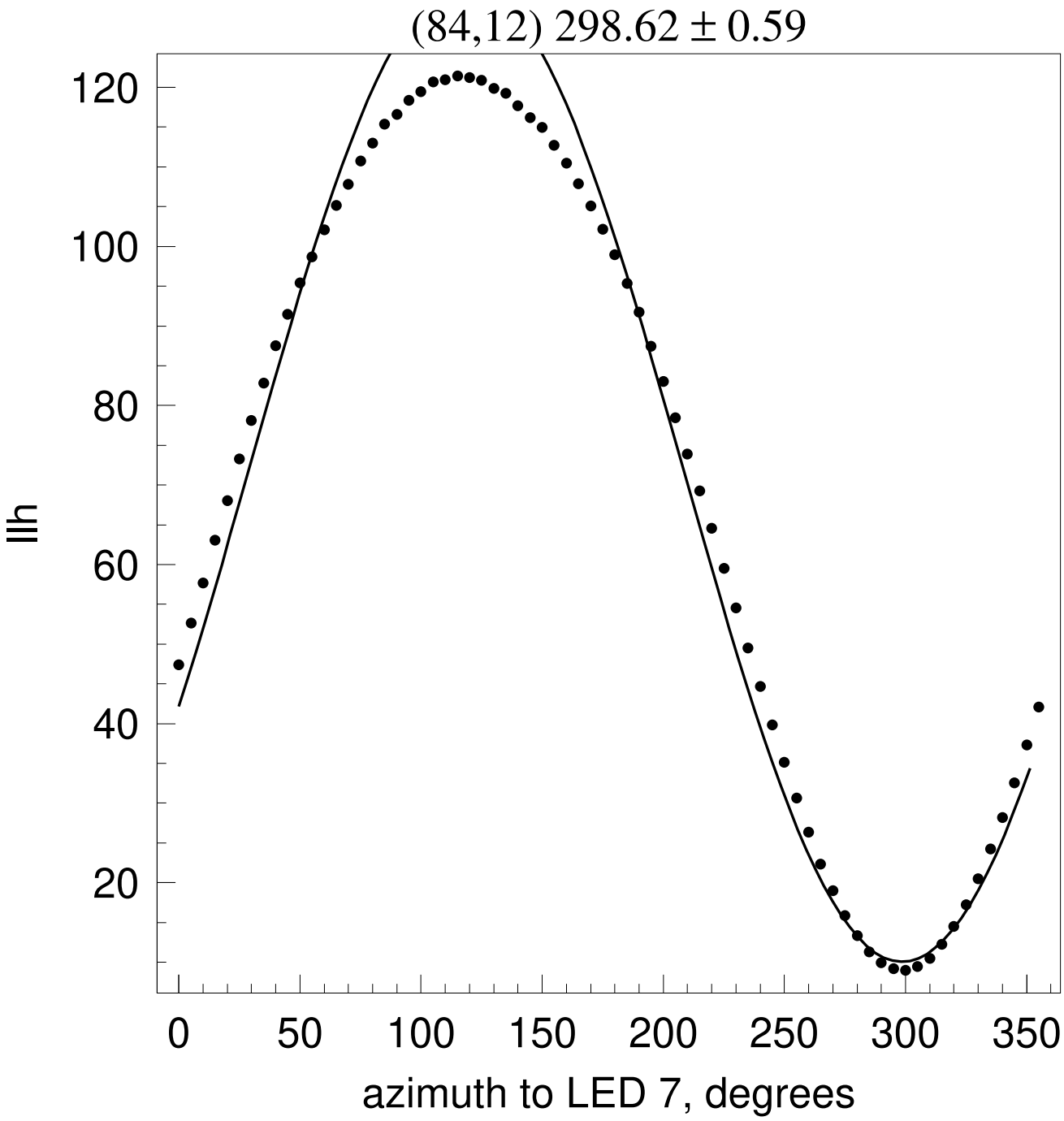

(84,7) 350.48 ± 0.68
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

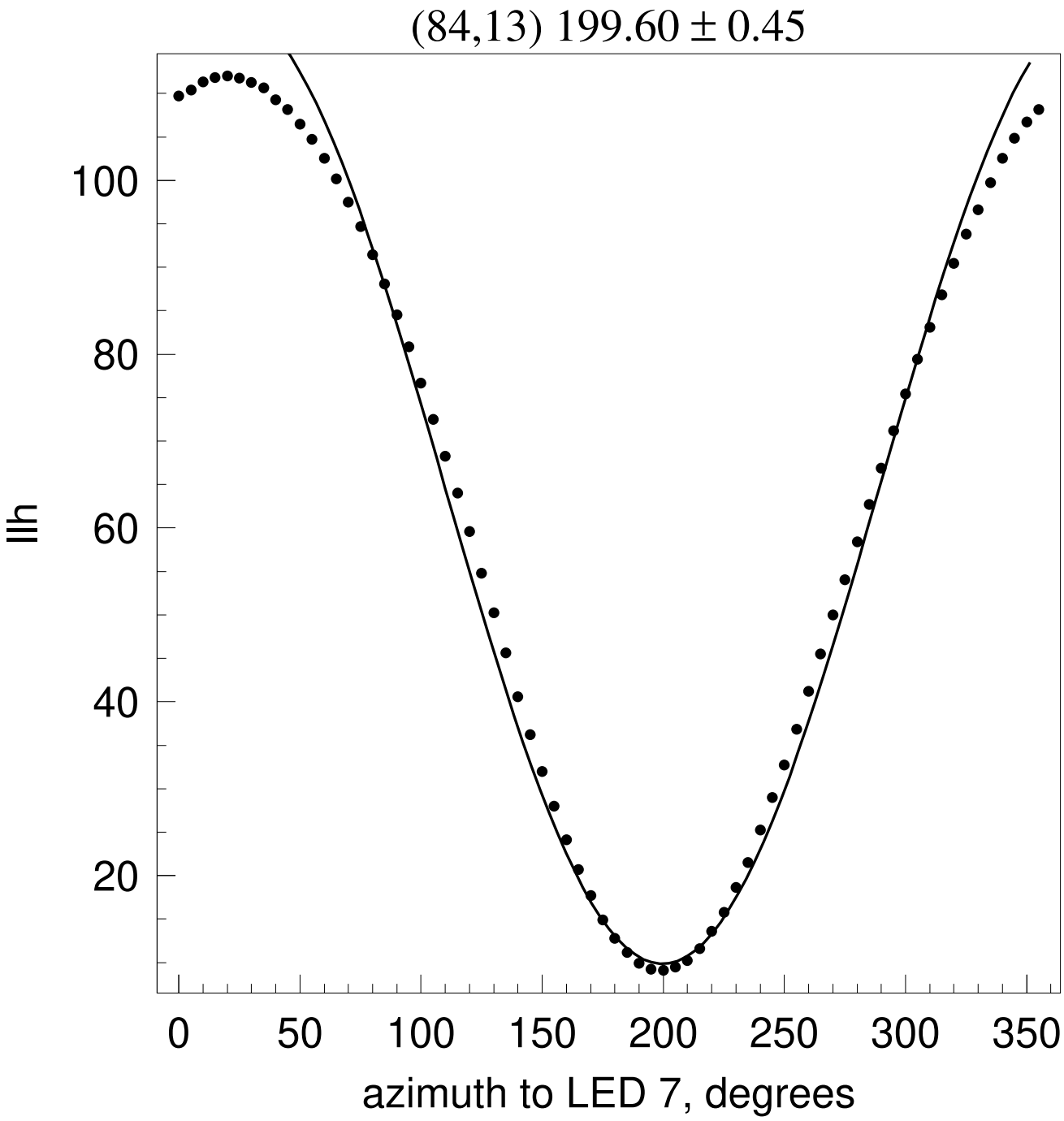

(84,8) 50.98 ± 0.63
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

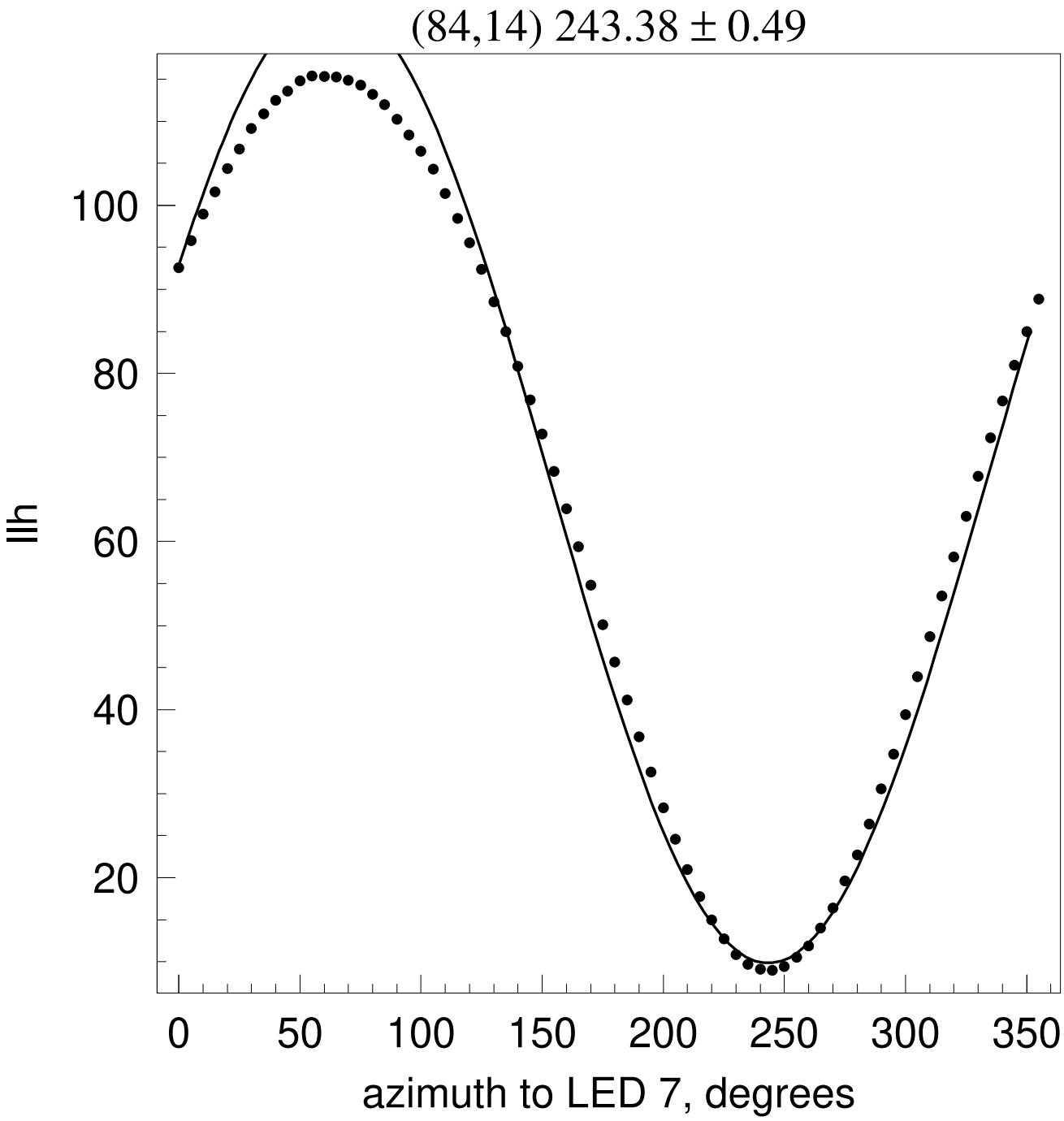

(84,9) 102.33 ± 0.54
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

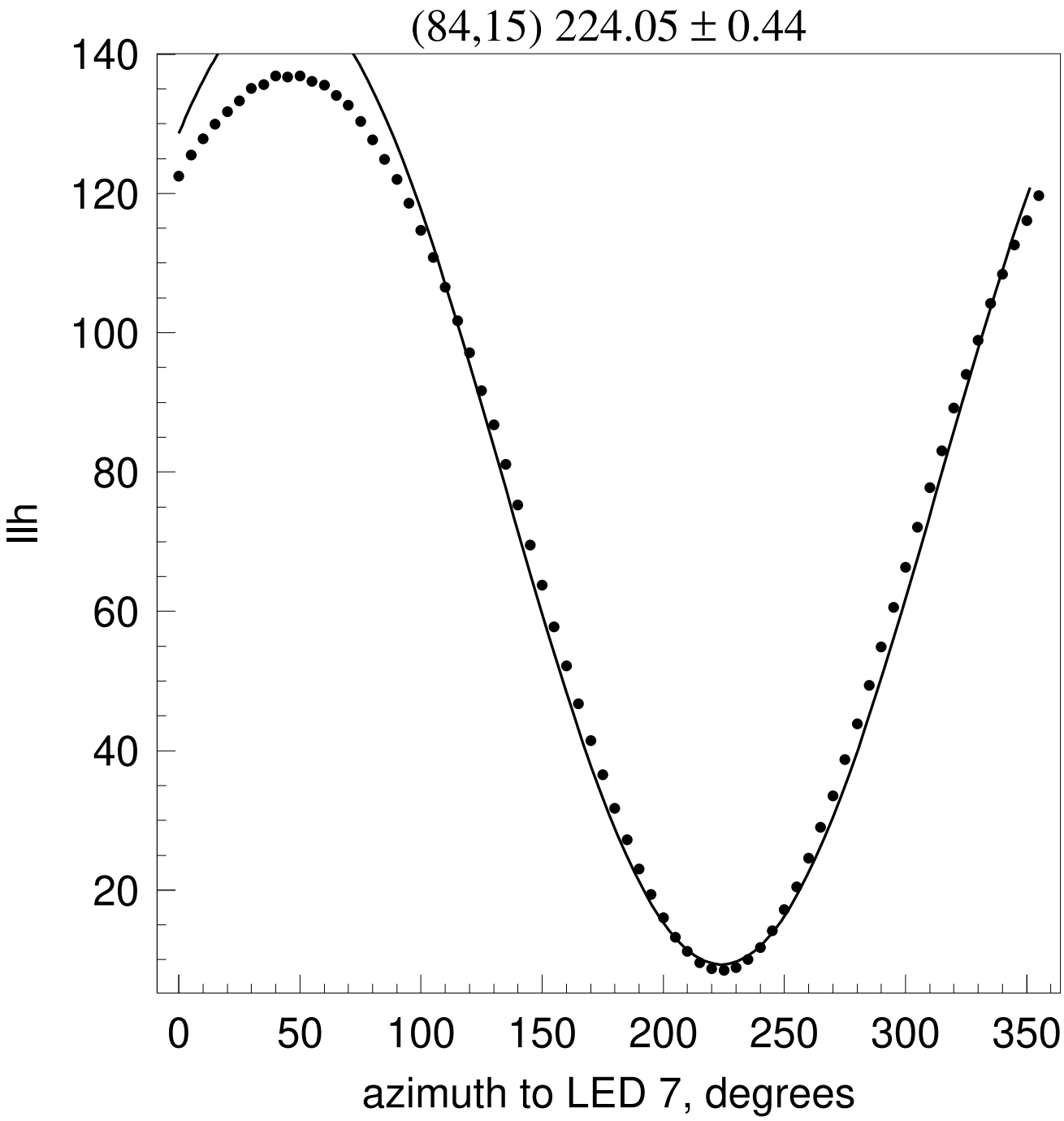

(84,10) 25.97 ± 0.55
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

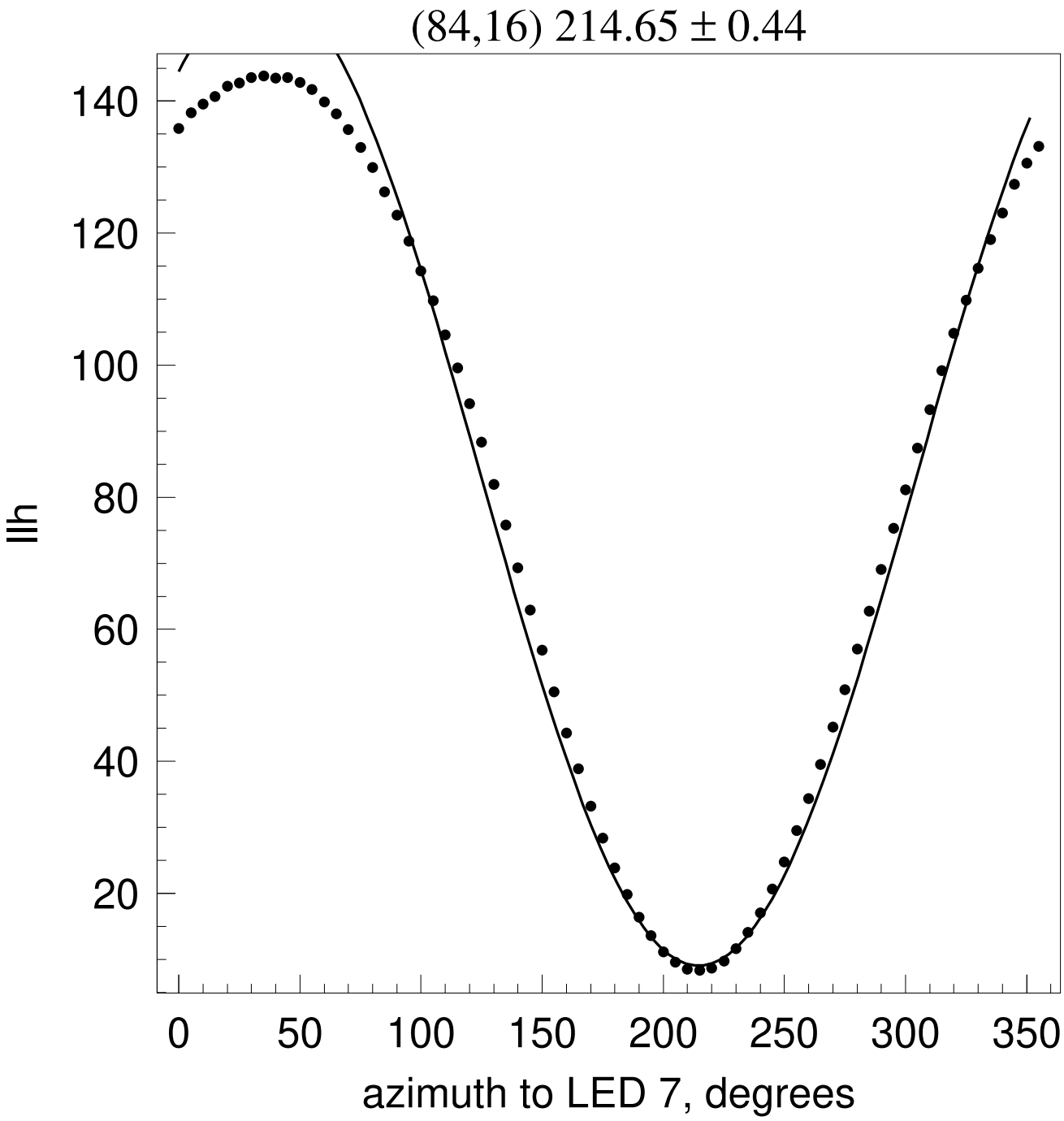

(84,11) 242.16 ± 0.65
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

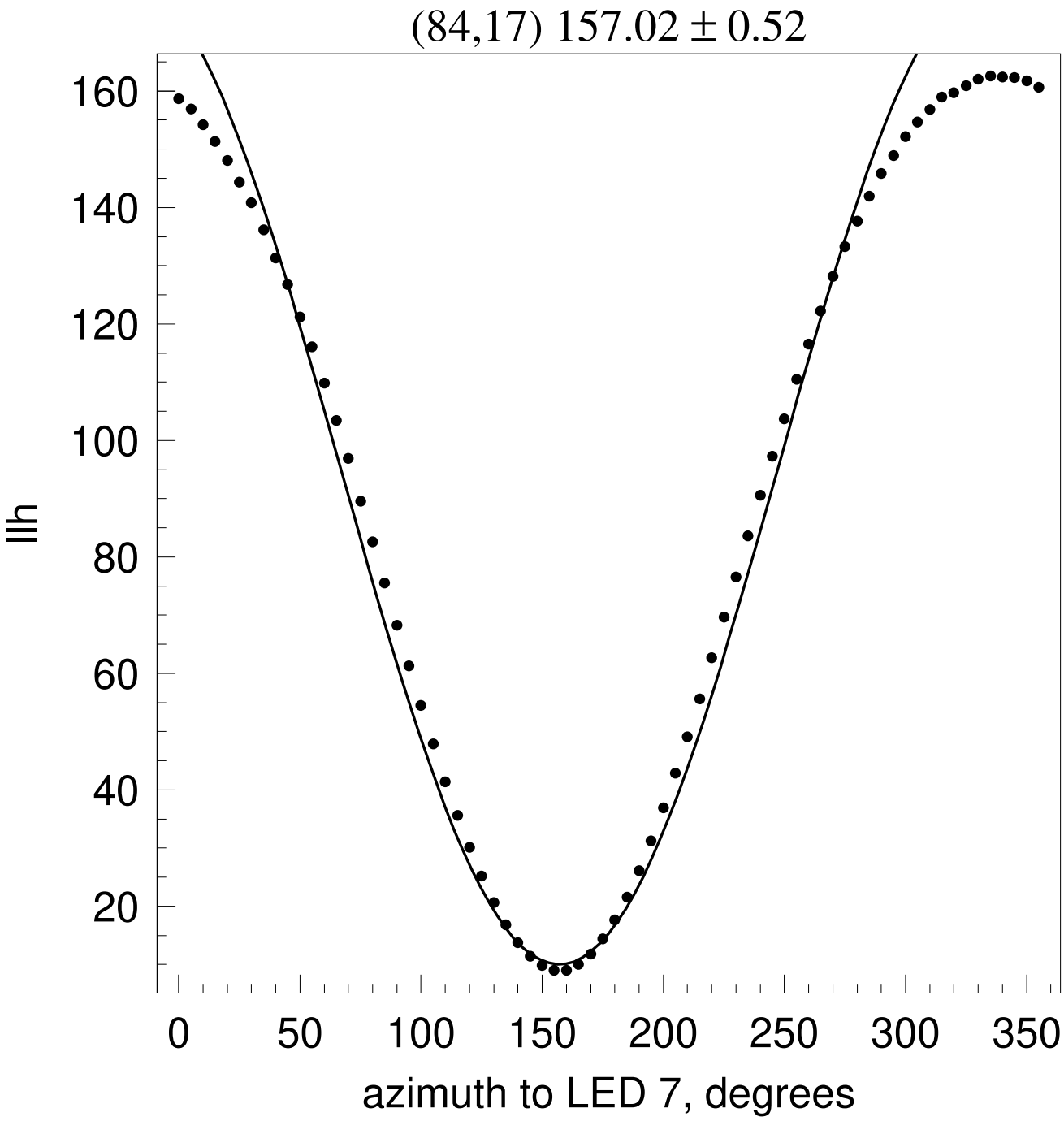

(84,12) 298.62 ± 0.59
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

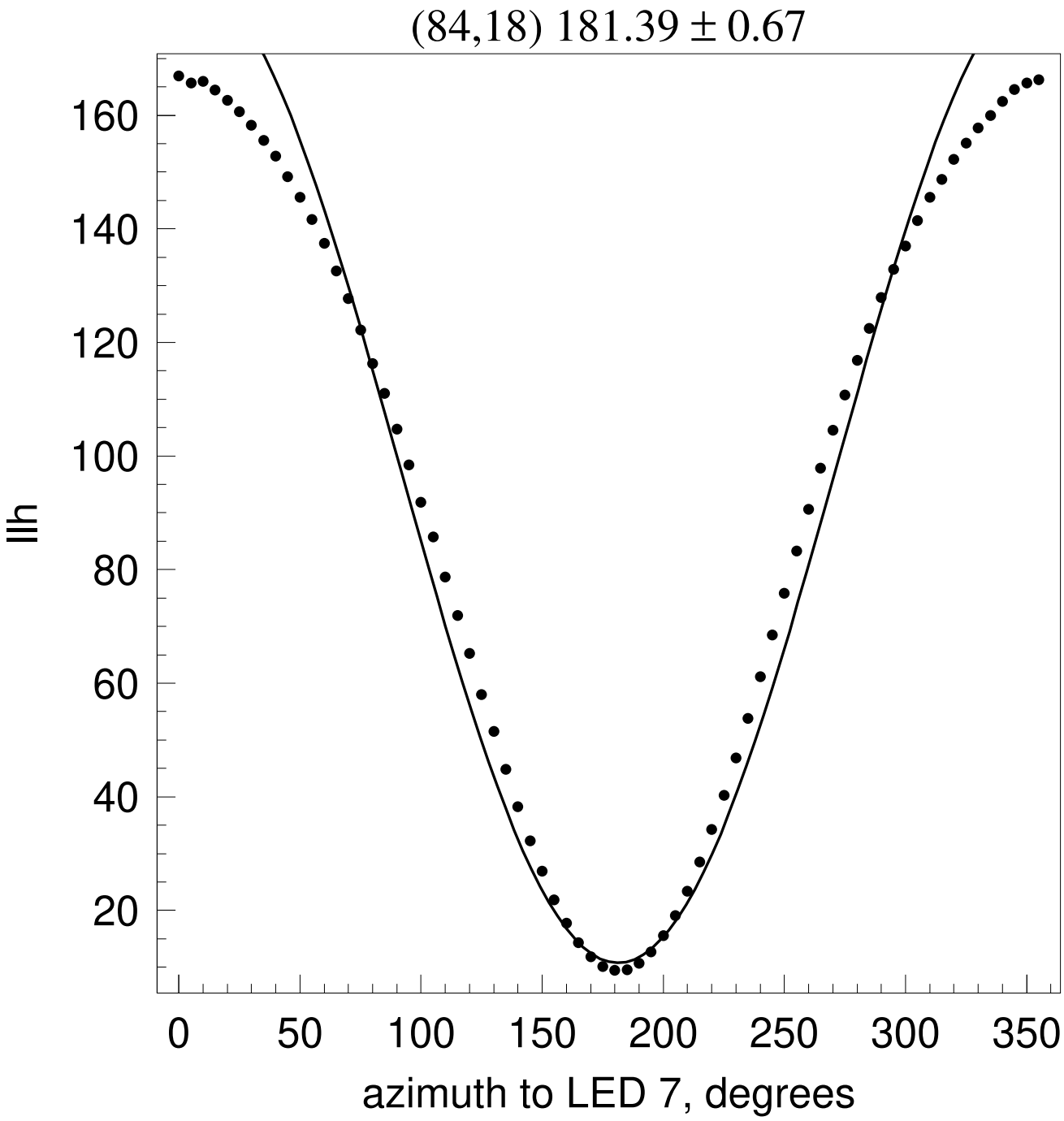

(84,13) 199.60 ± 0.45
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

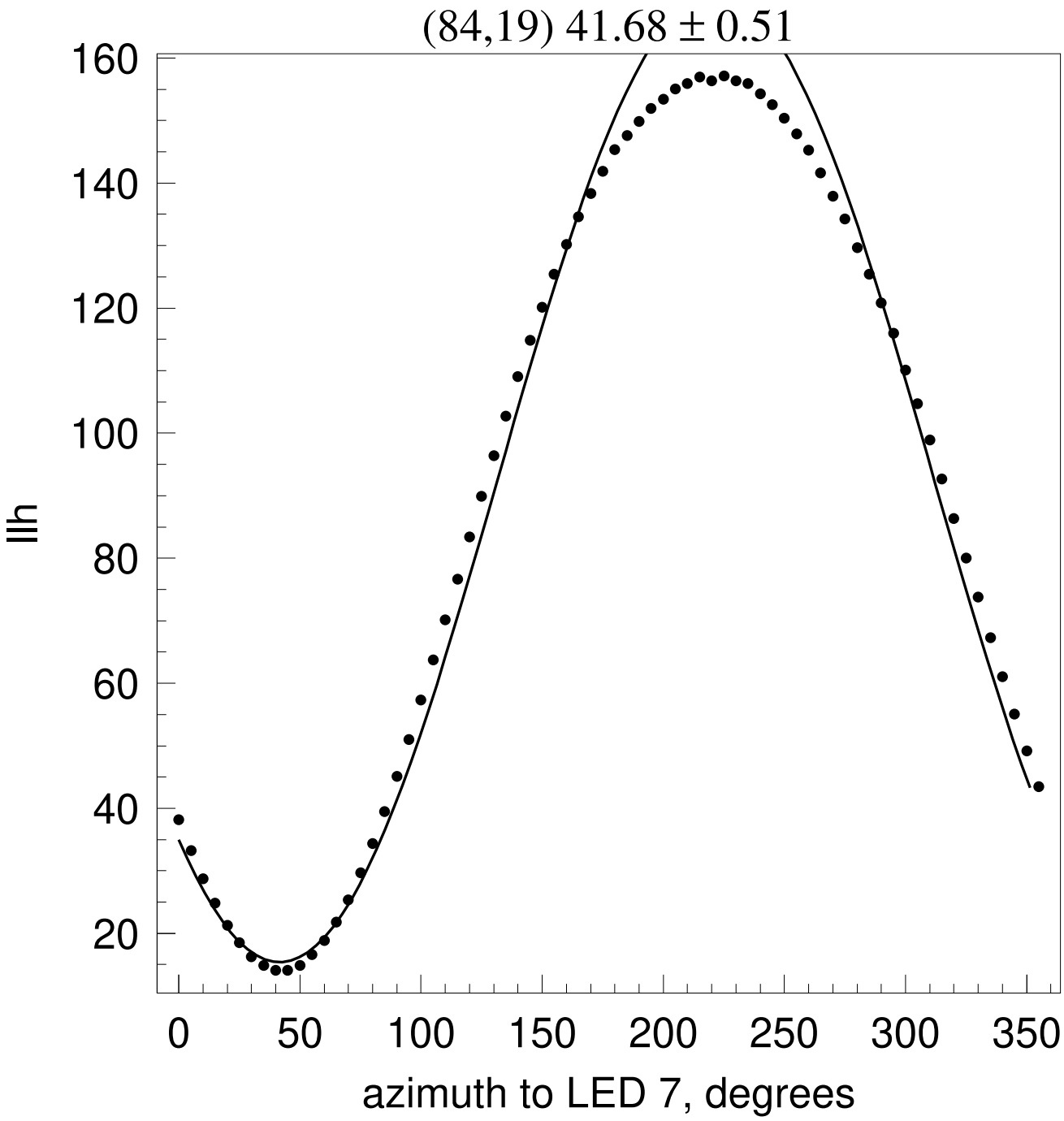

(84,14) 243.38 ± 0.49
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

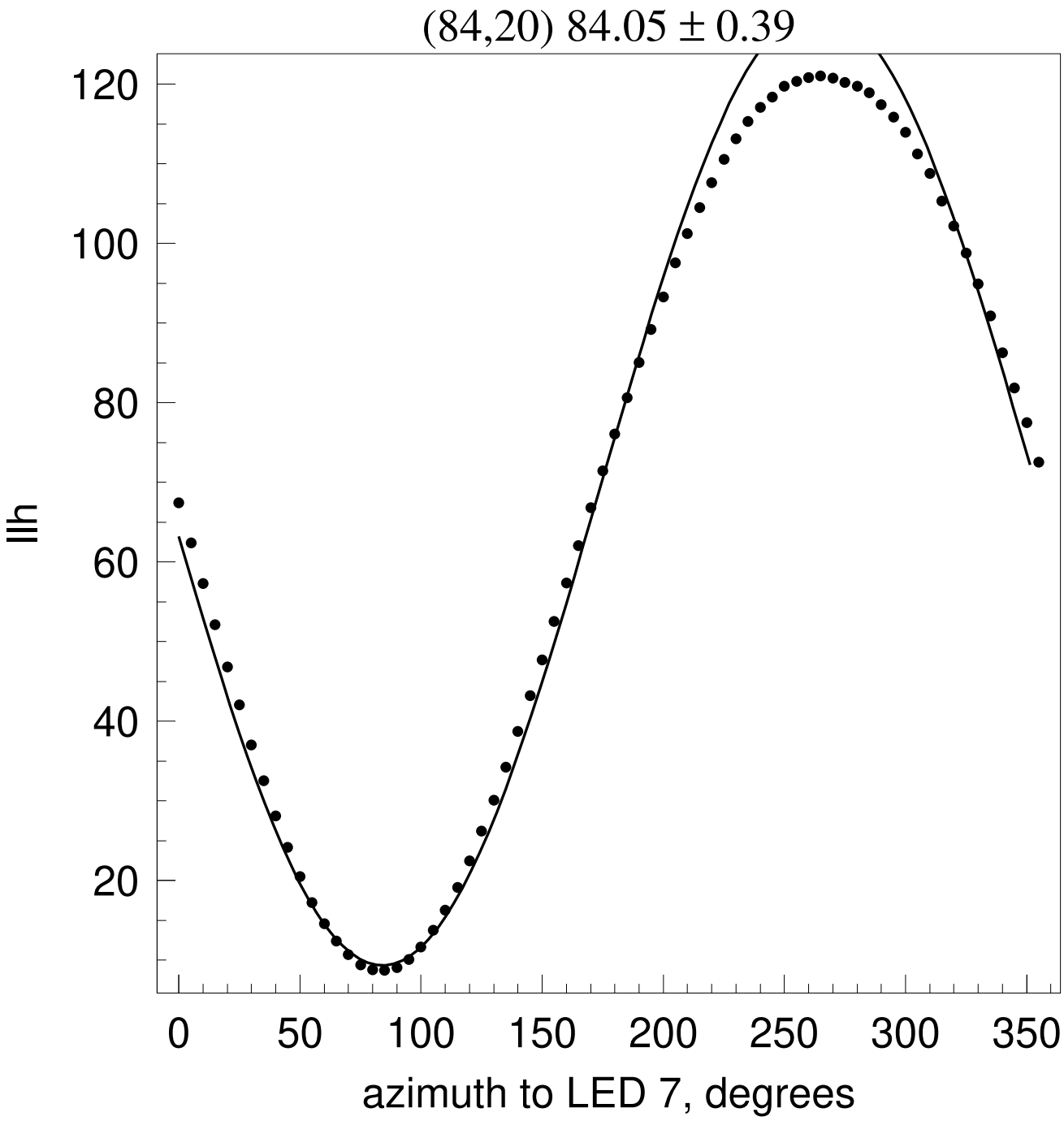

(84,15) 224.05 ± 0.44
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

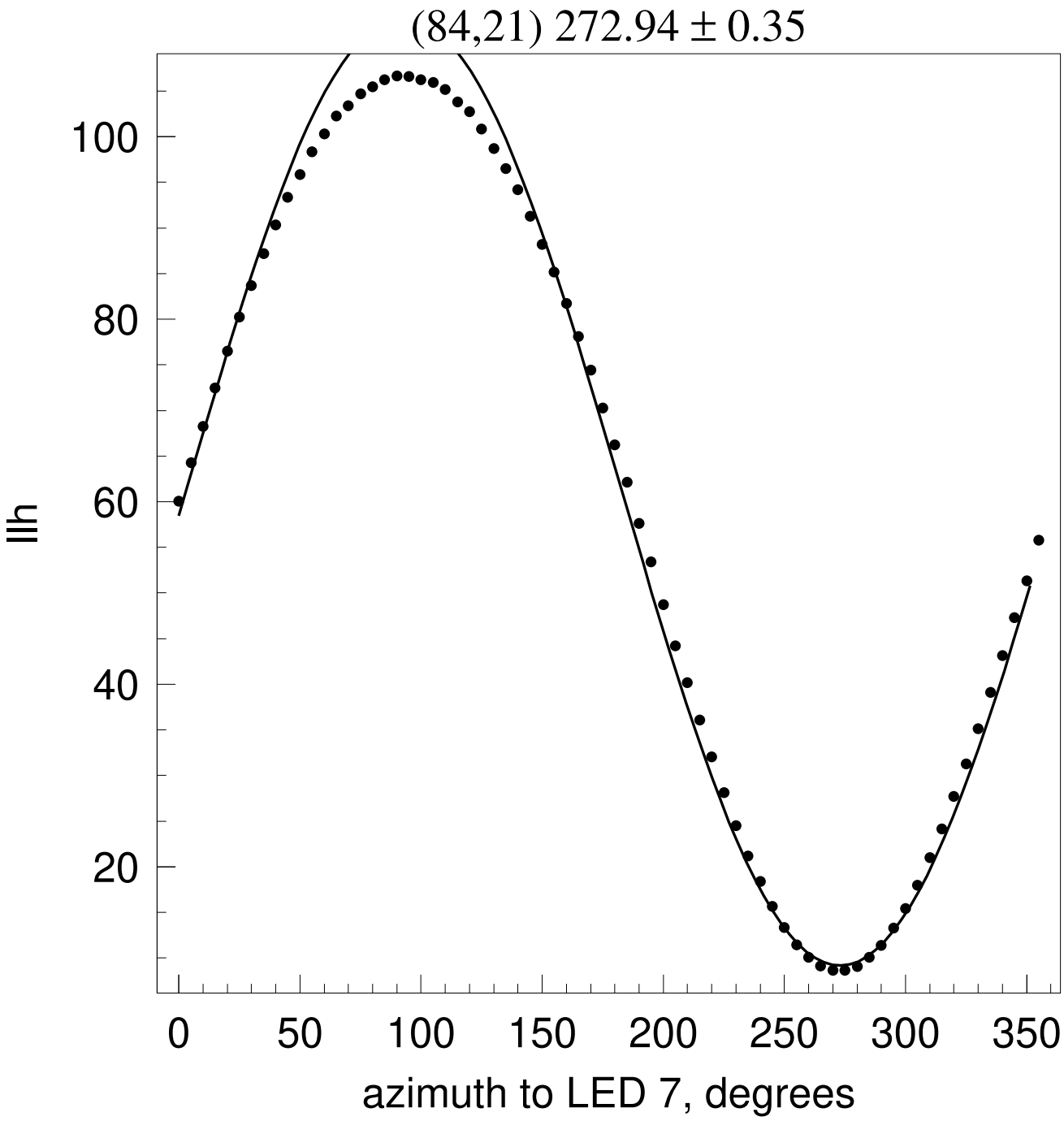

(84,16) 214.65 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

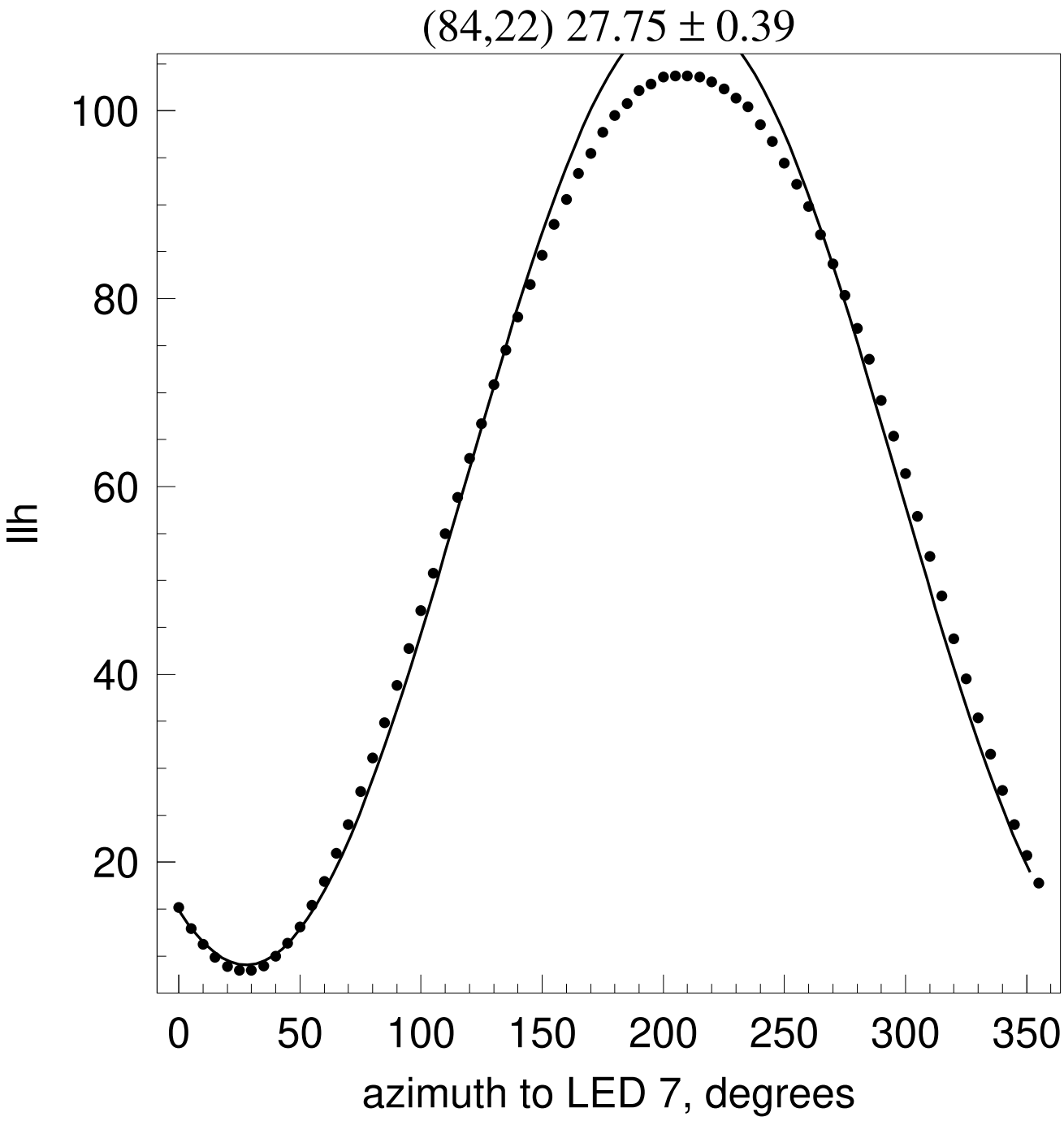

(84,17) 157.02 ± 0.52
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

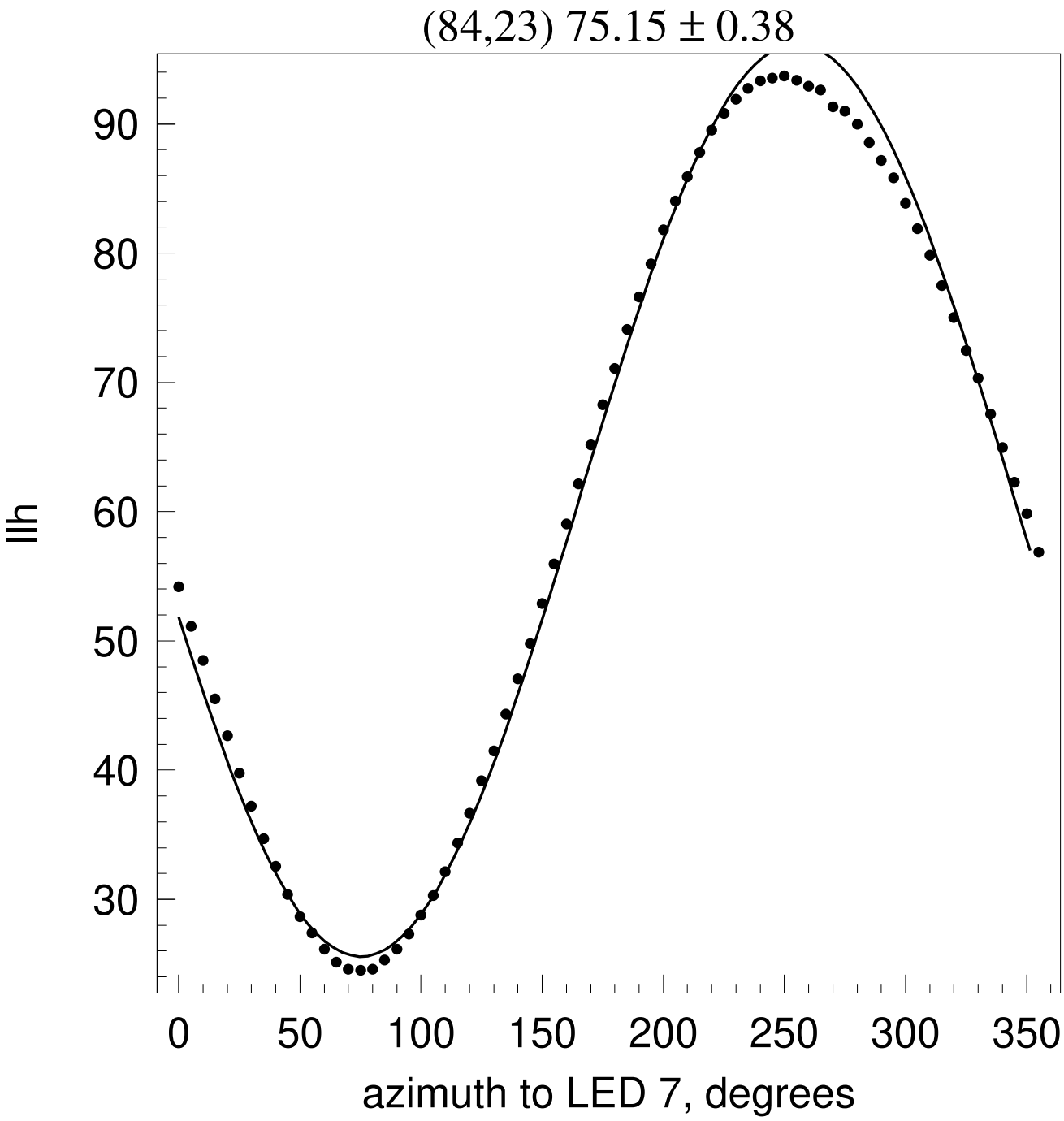

(84,18) 181.39 ± 0.67
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

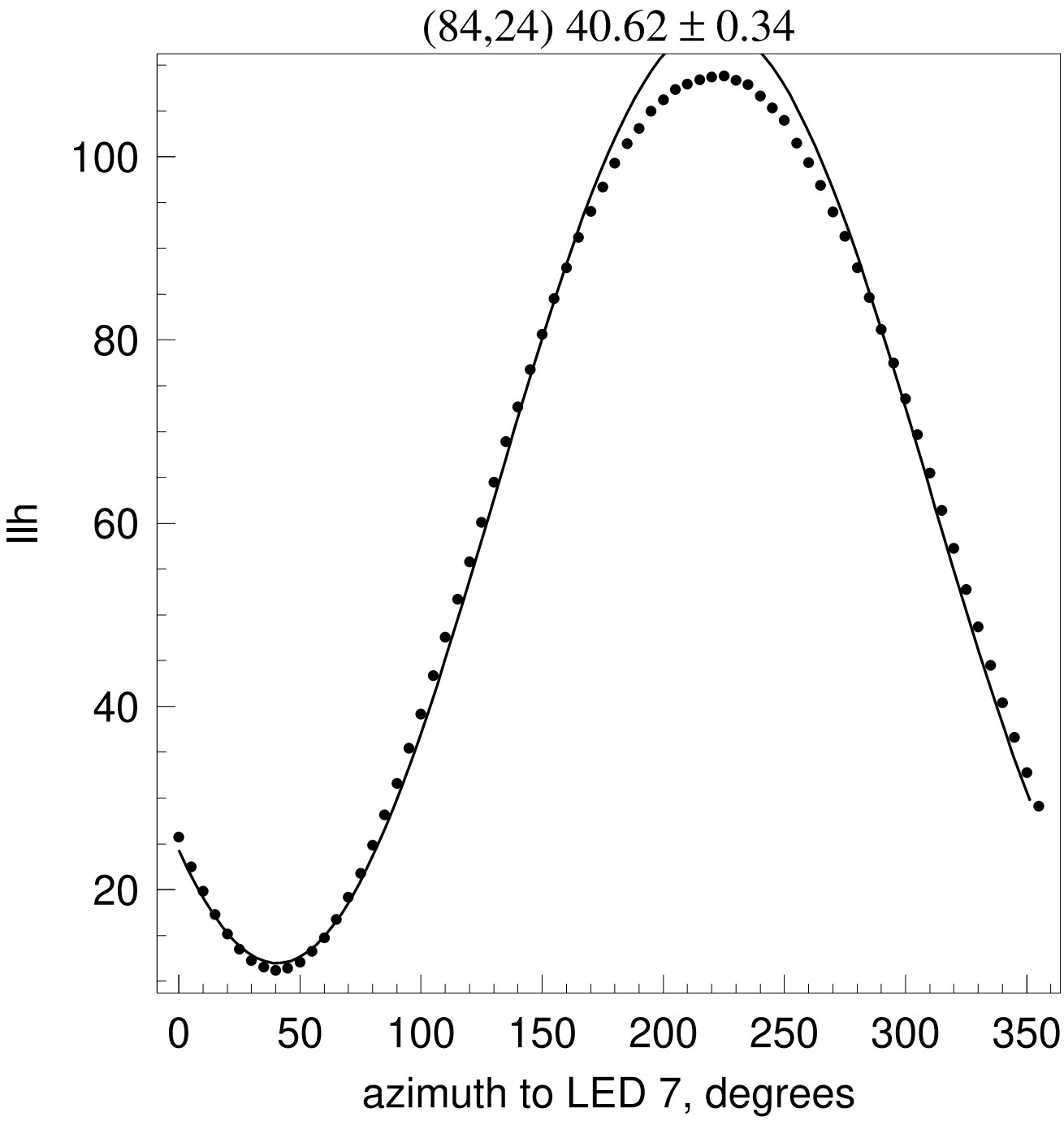

(84,19) 41.68 ± 0.51
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

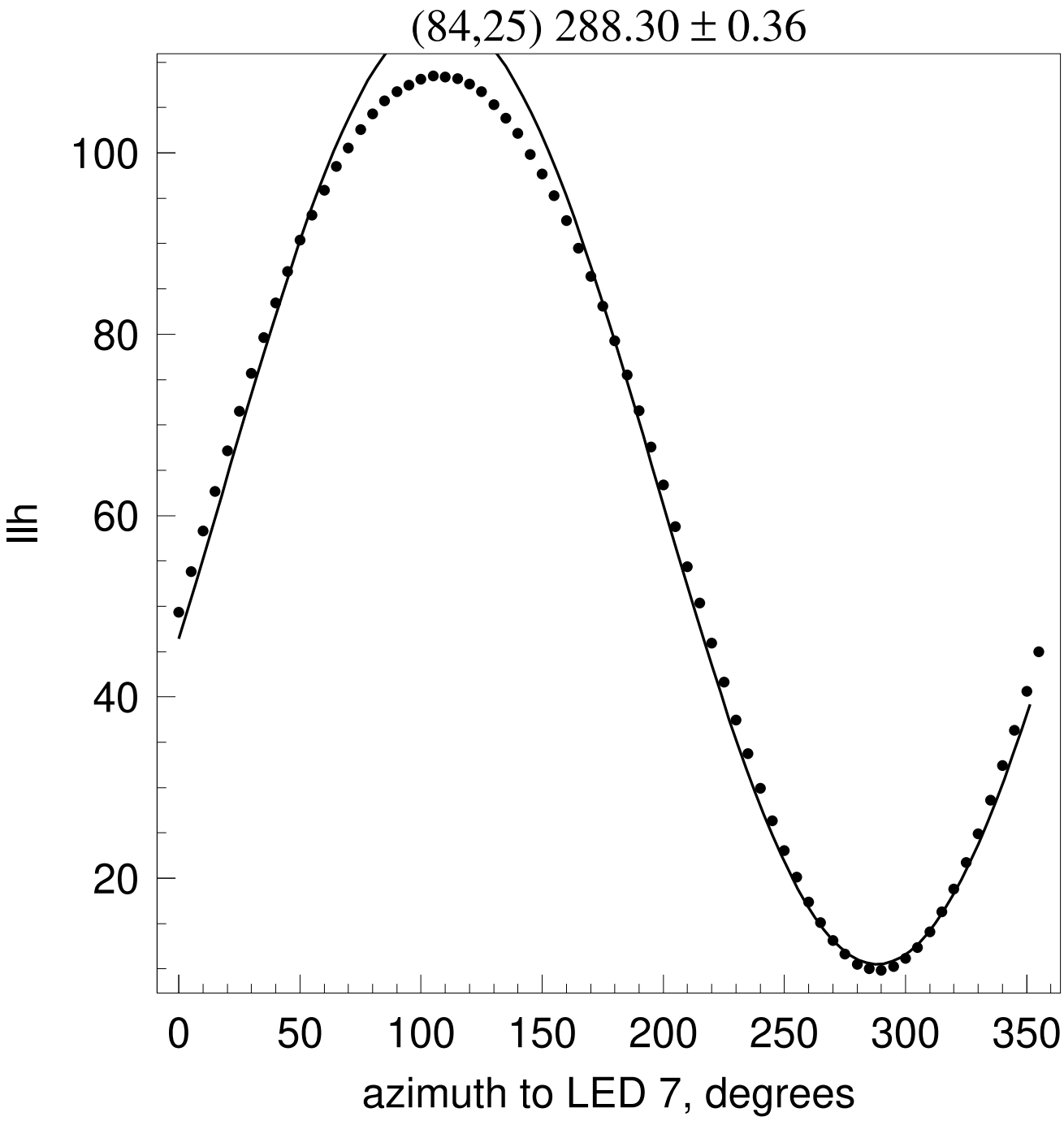

(84,20) 84.05 ± 0.39
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

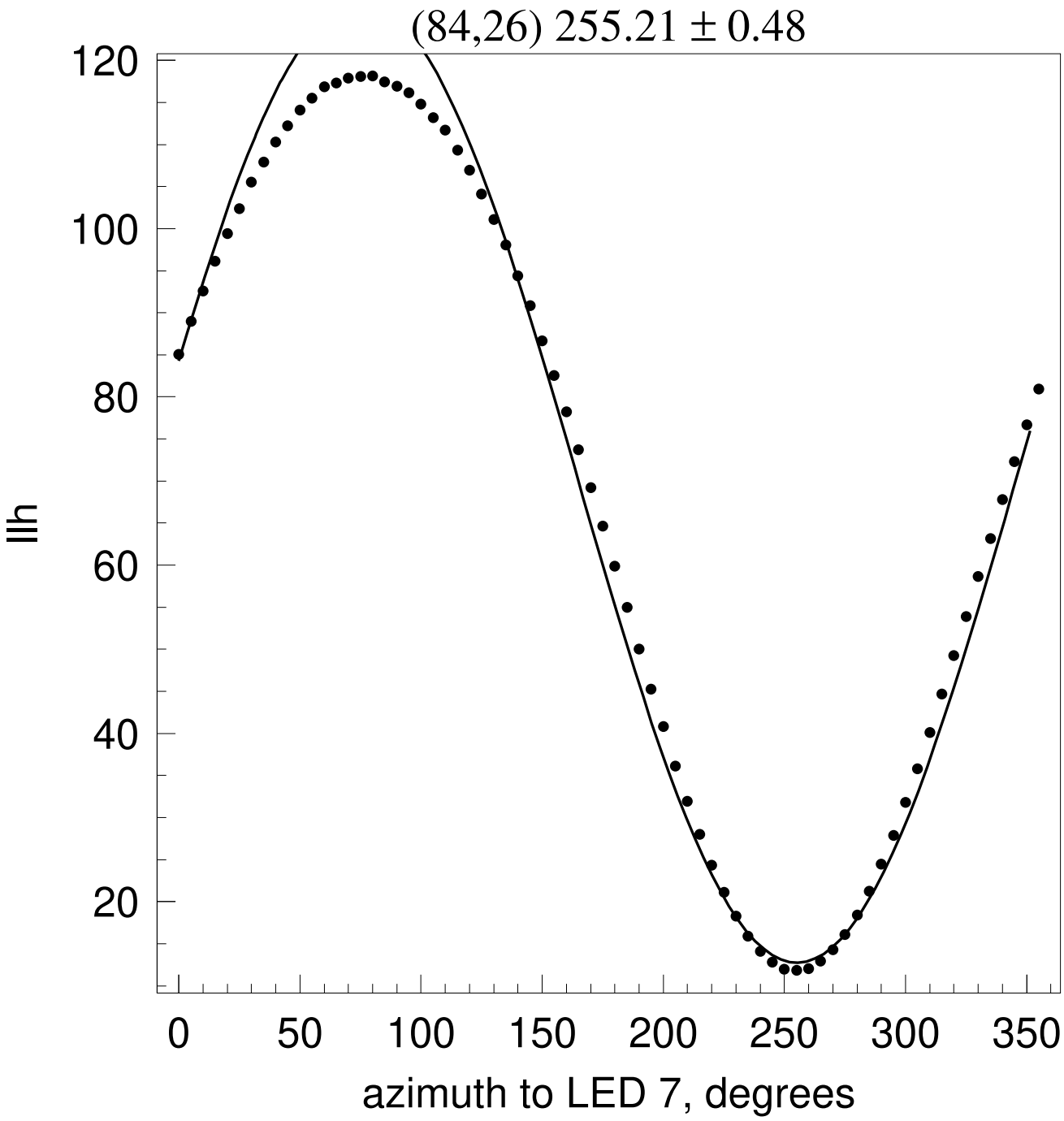

(84,21) 272.94 ± 0.35
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

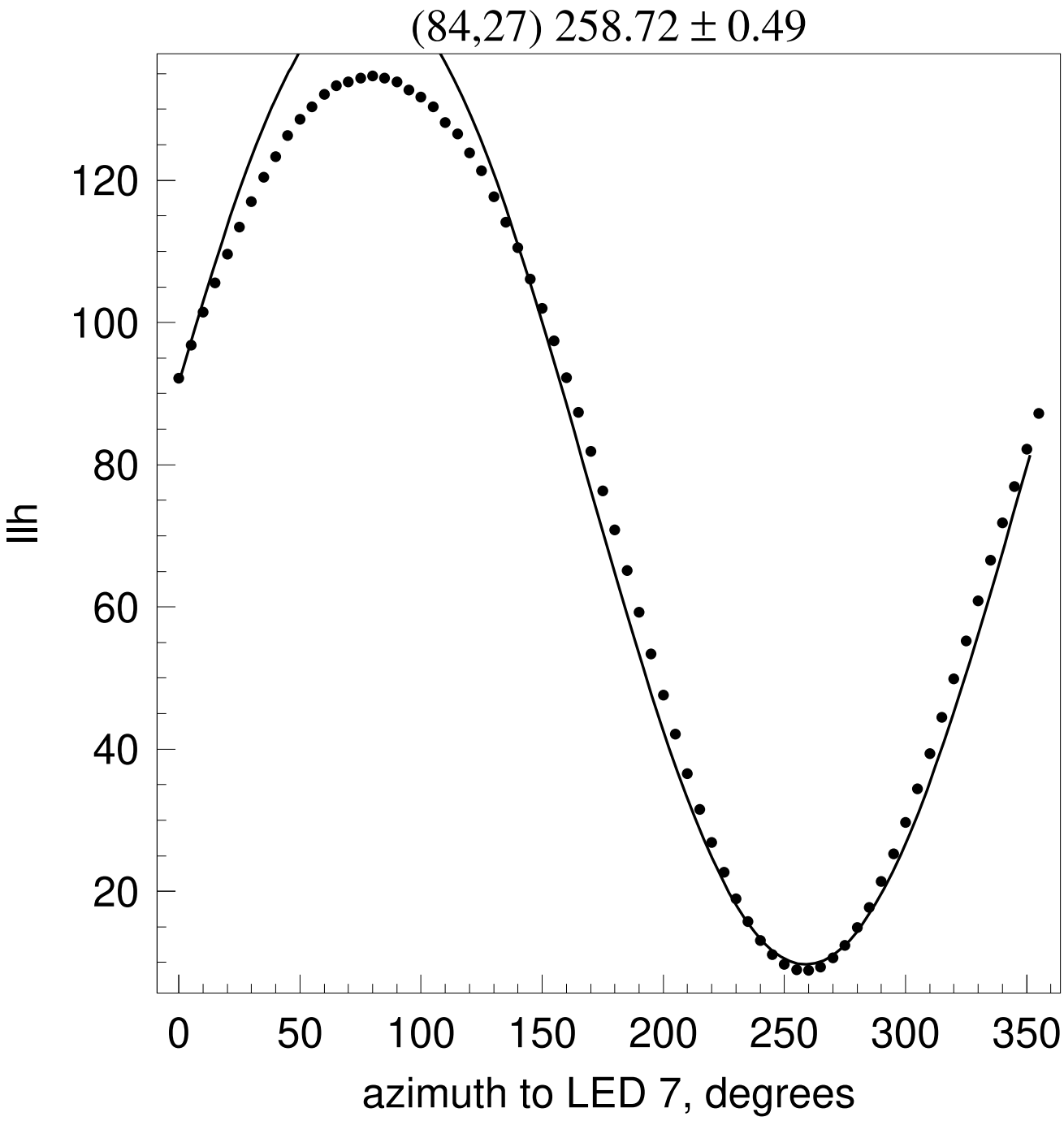

(84,22) 27.75 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

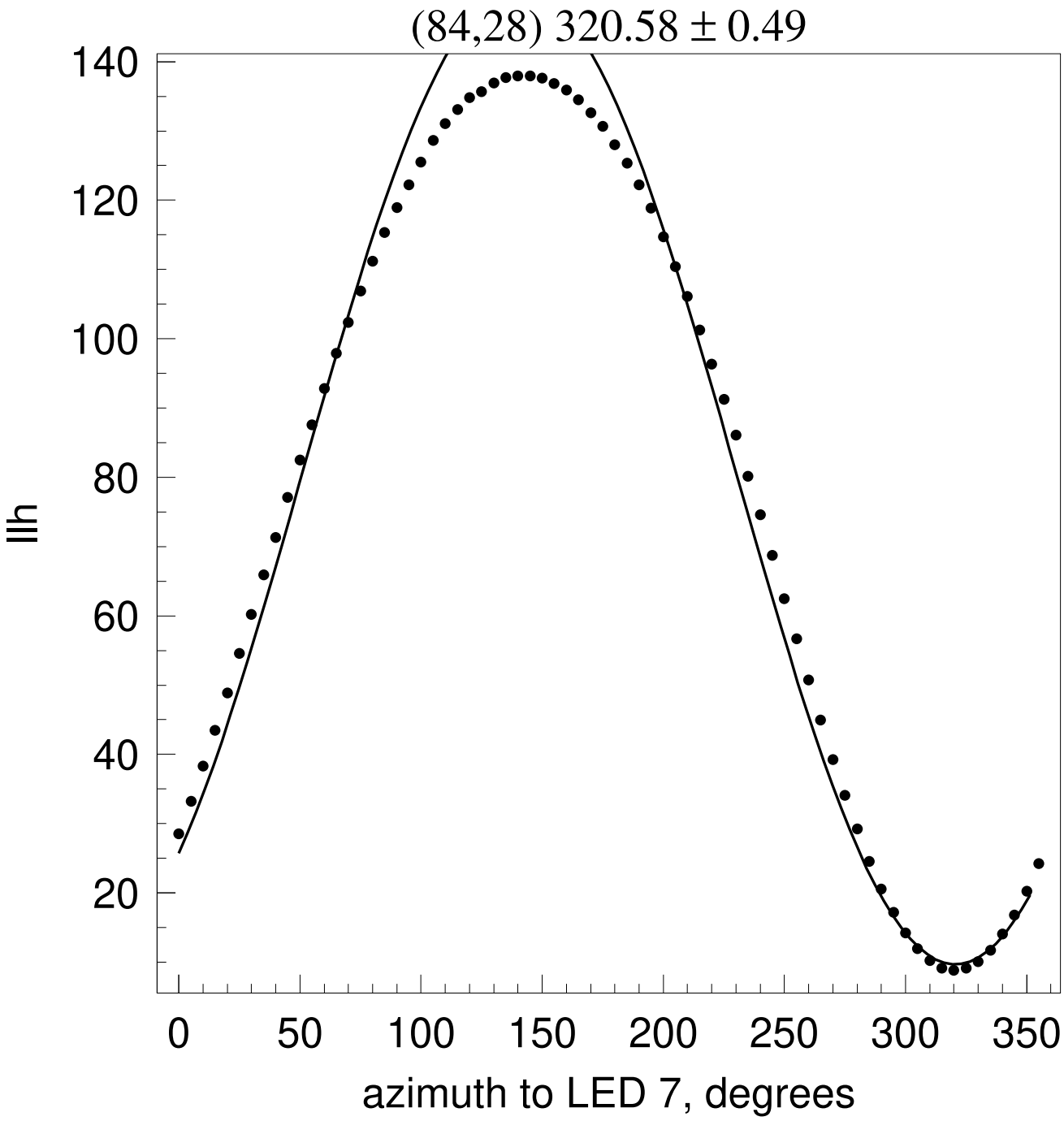

(84,23) 75.15 ± 0.38
90
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

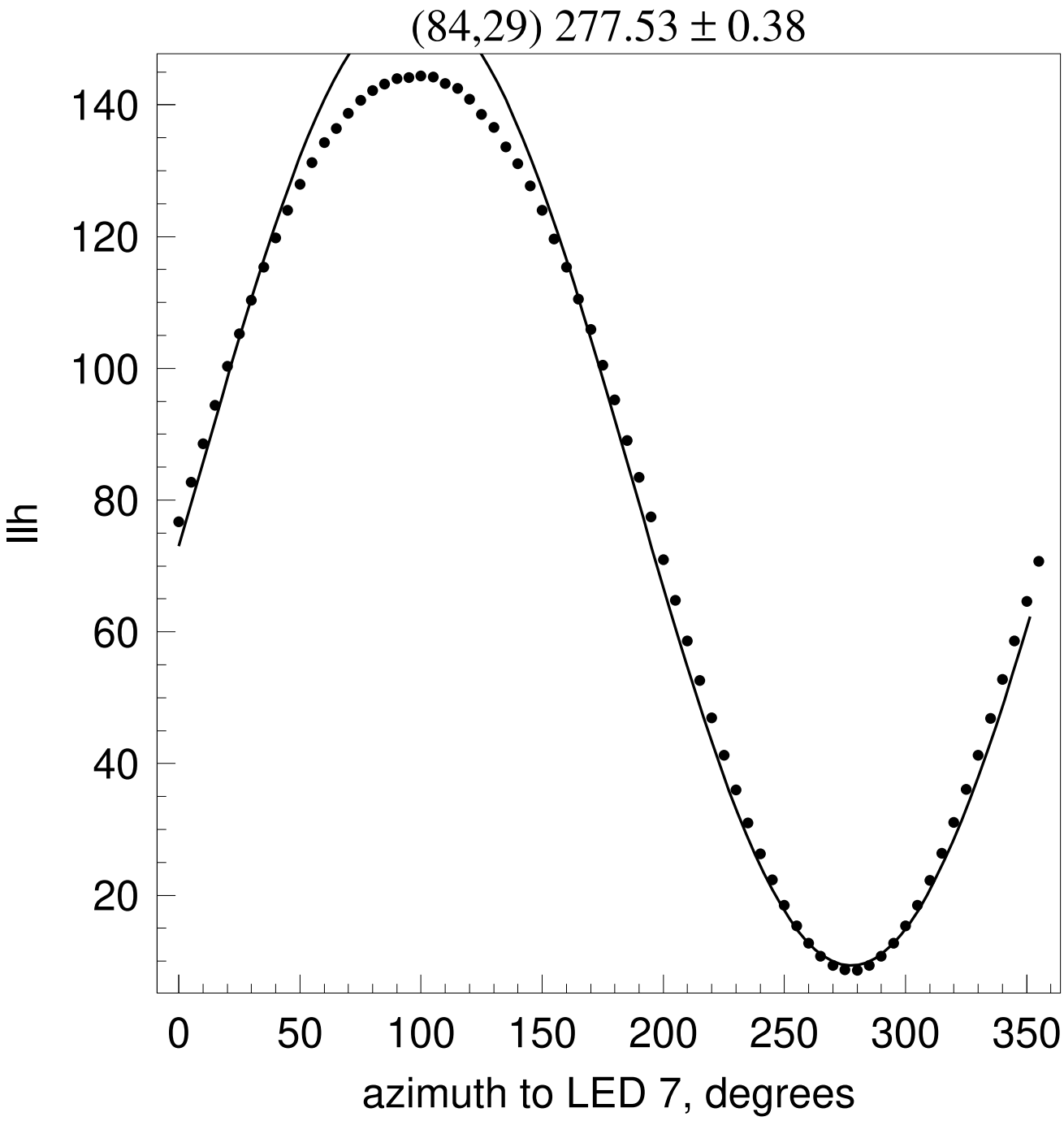

(84,24) 40.62 ± 0.34
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

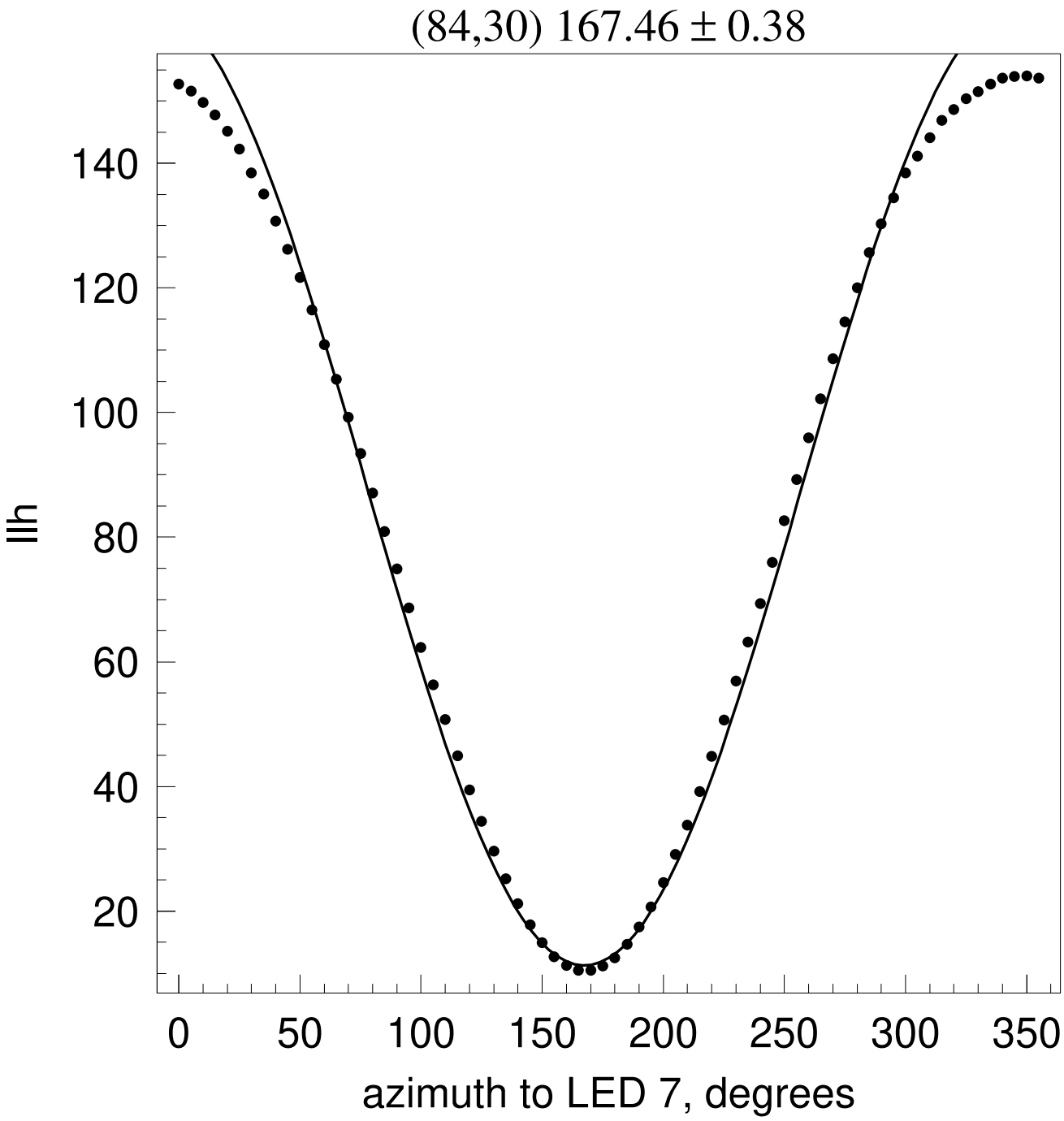

(84,25) 288.30 ± 0.36
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

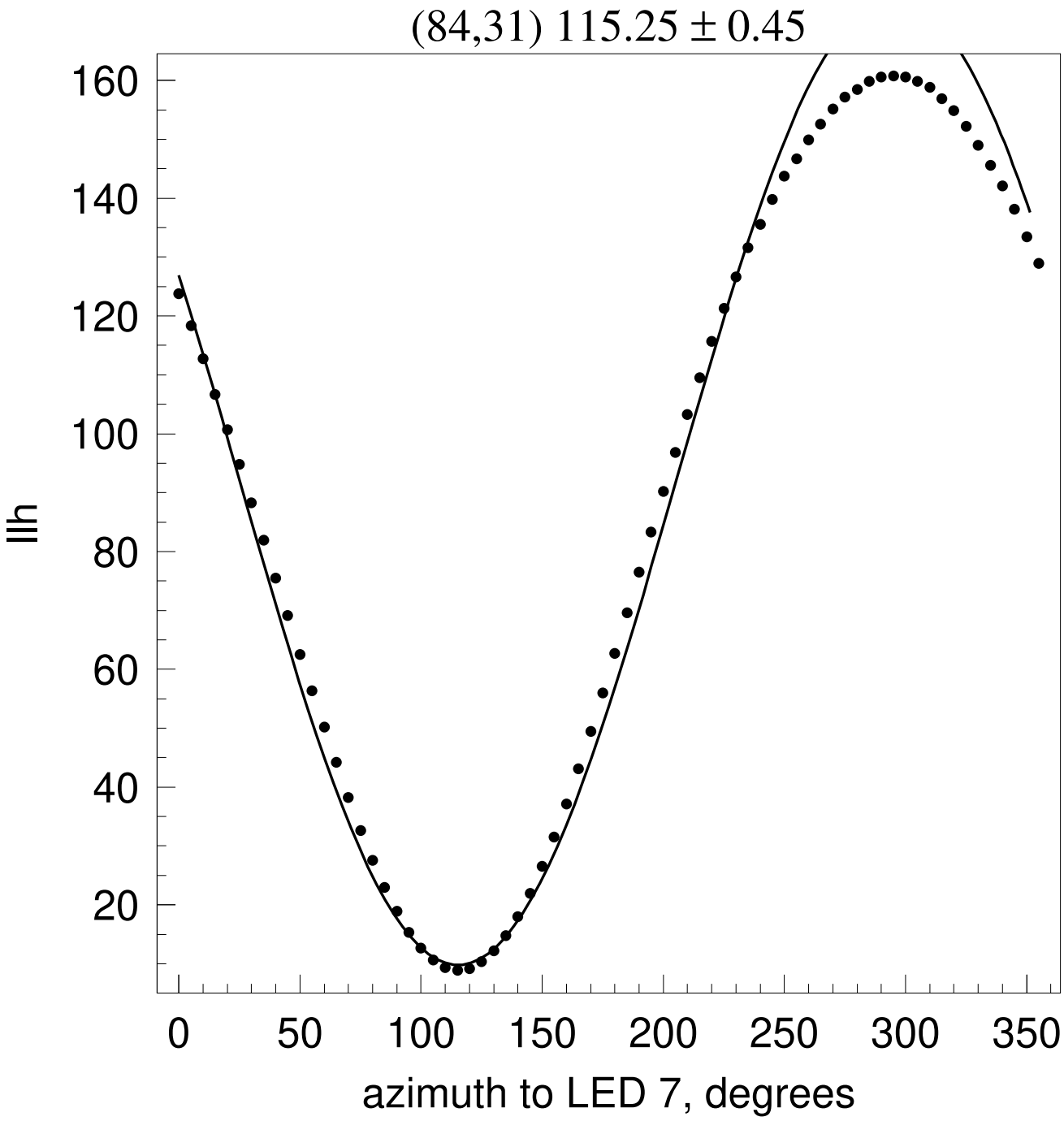

(84,26) 255.21 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

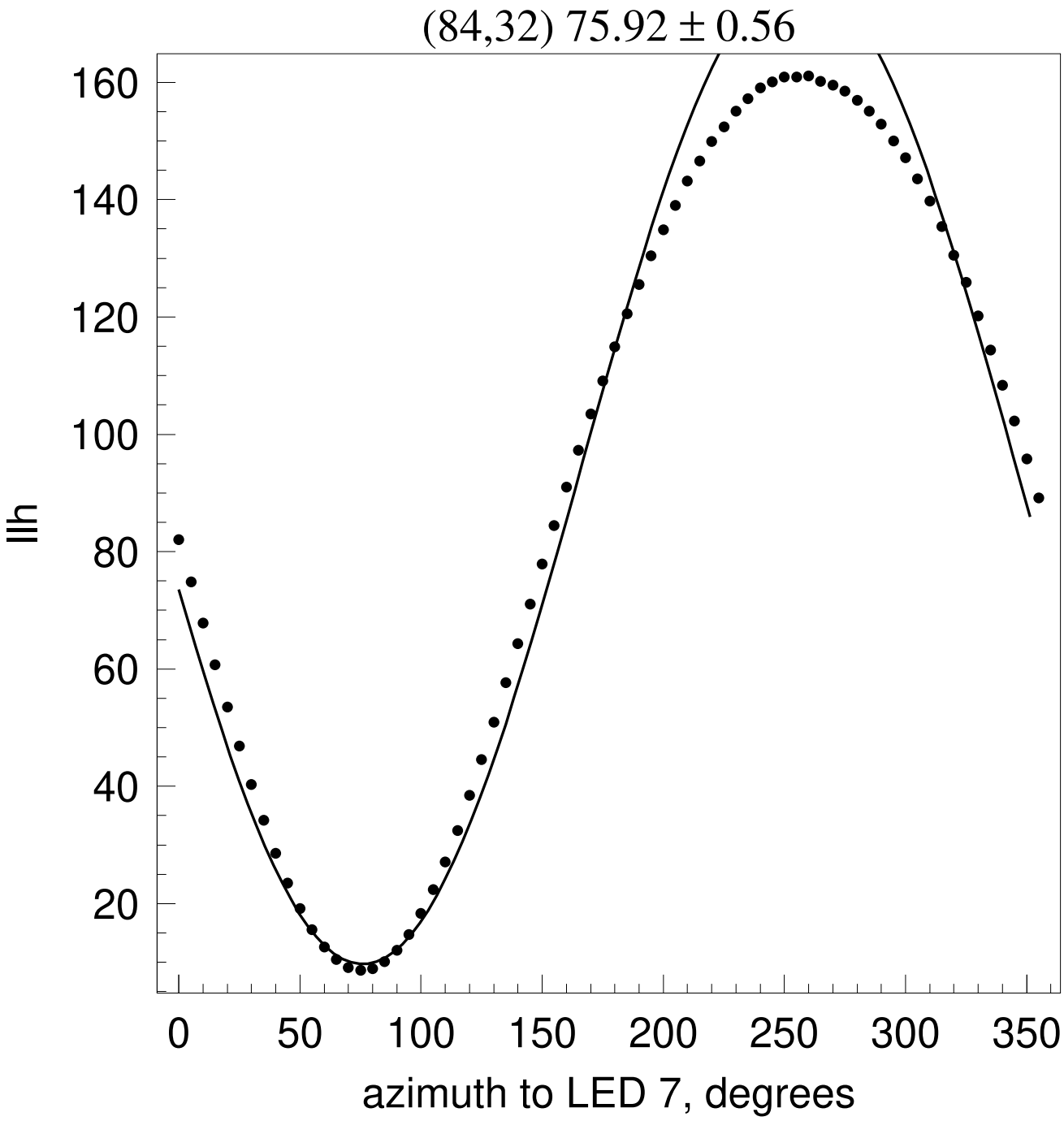

(84,27) 258.72 ± 0.49
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

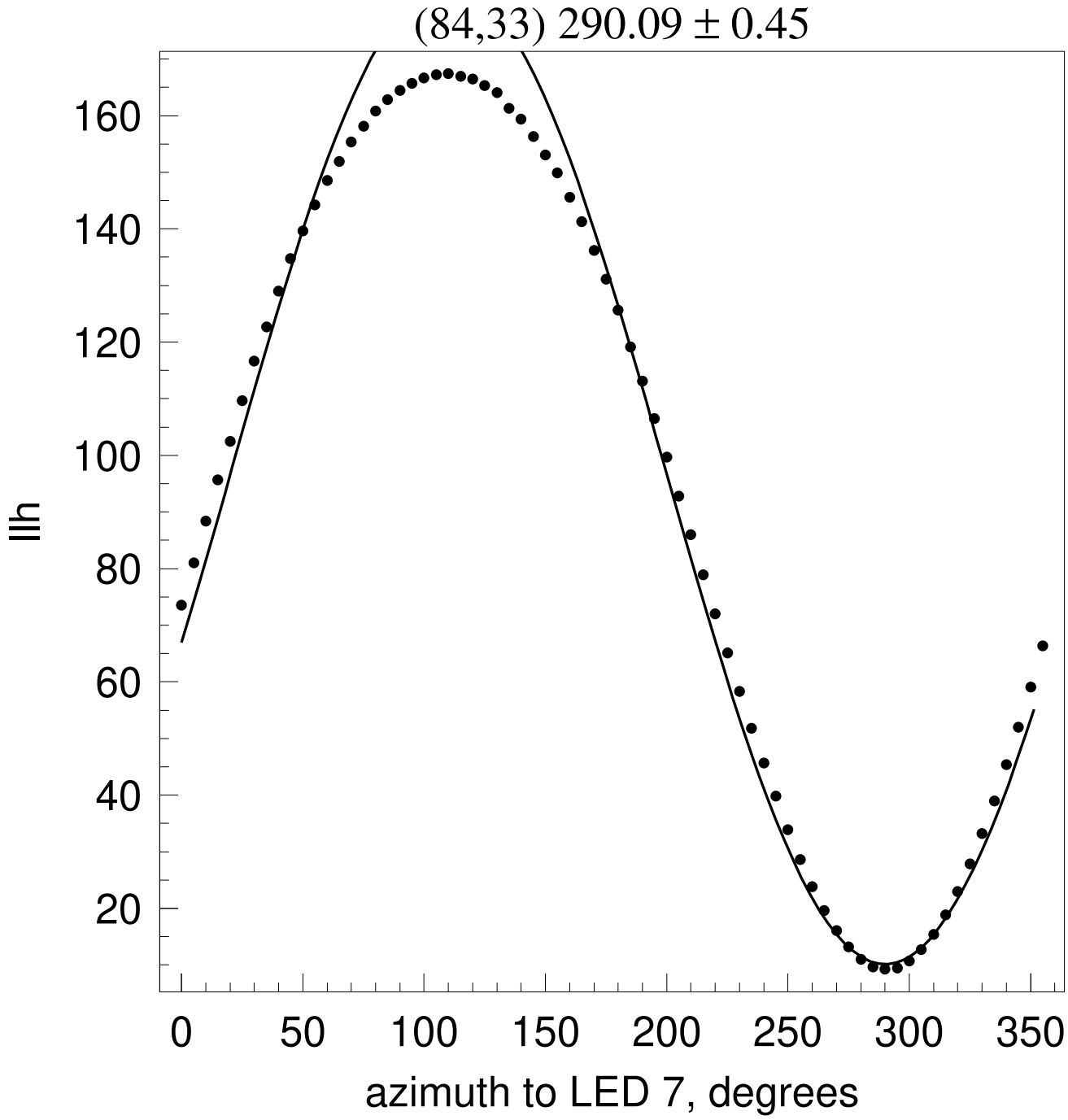

(84,28) 320.58 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

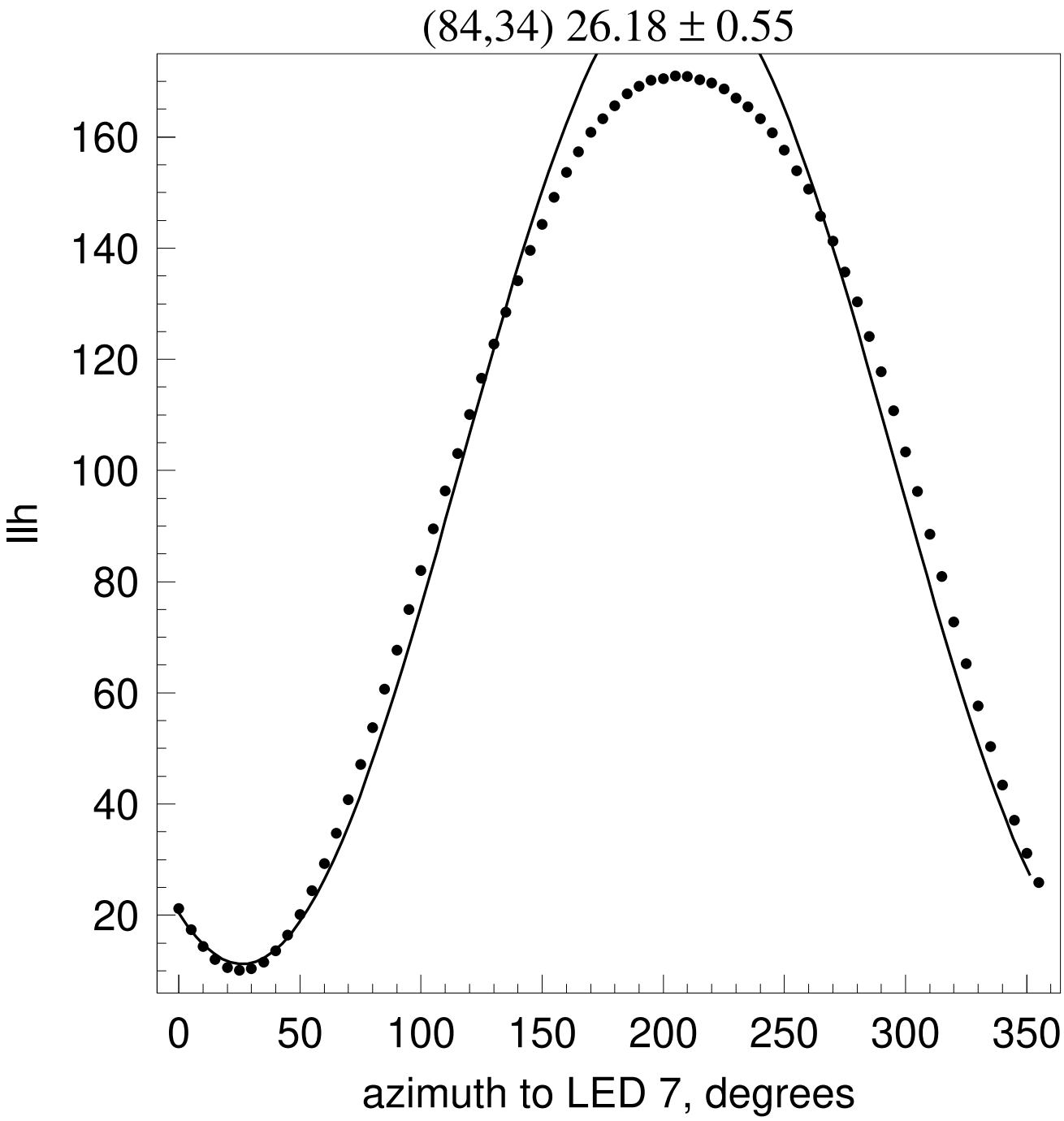

(84,29) 277.53 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

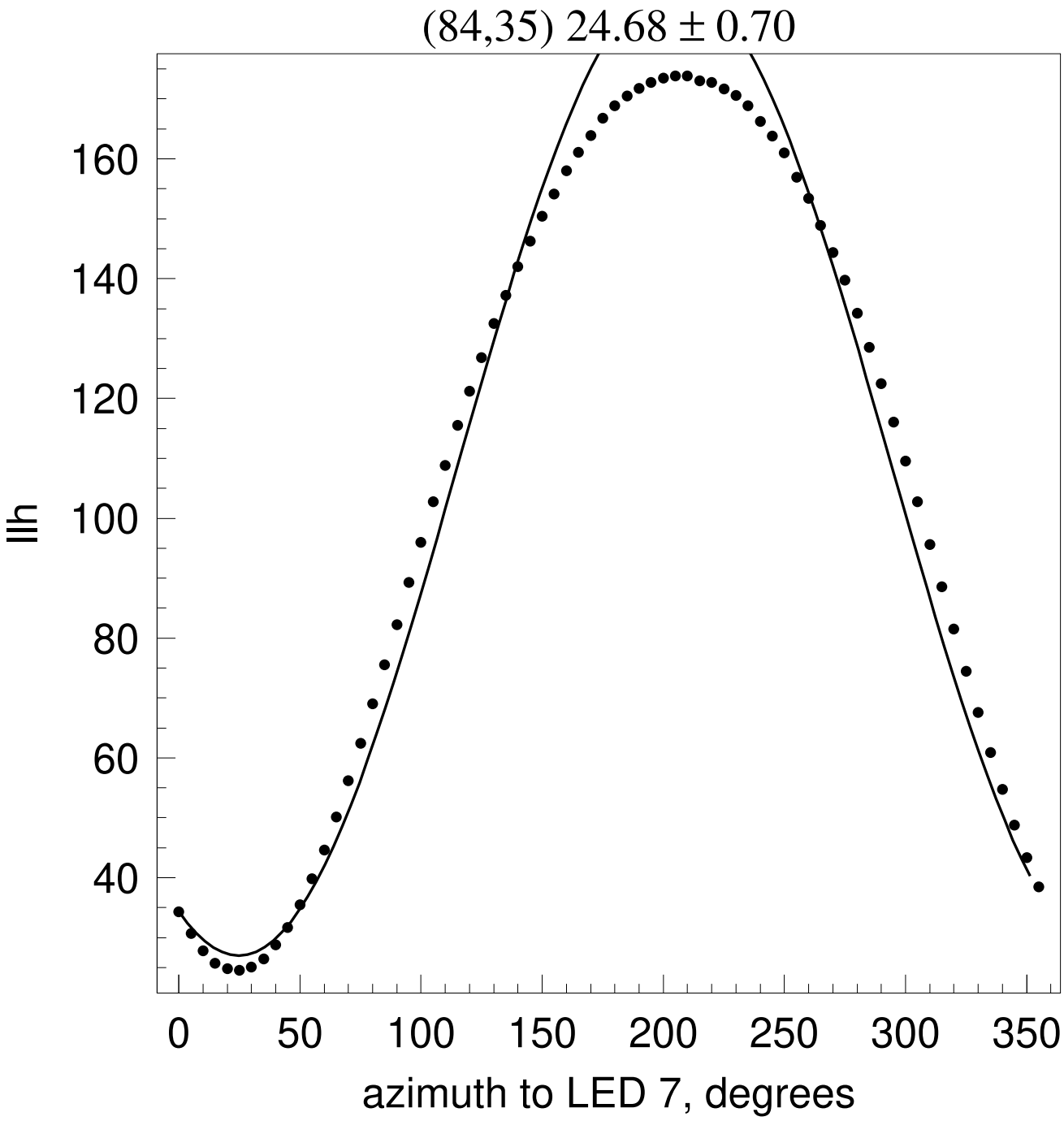

(84,30) 167.46 ± 0.38
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

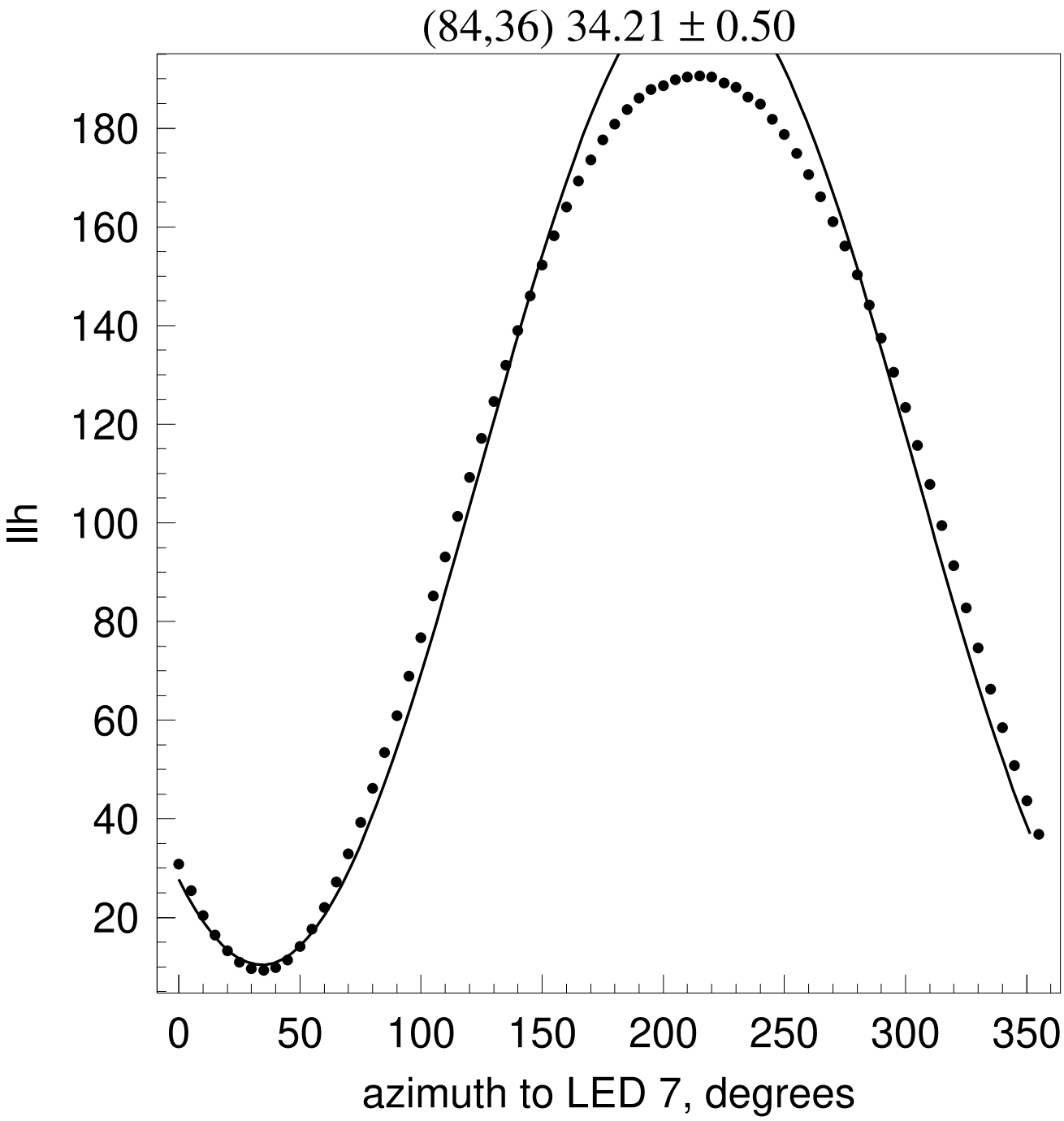

(84,31) 115.25 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

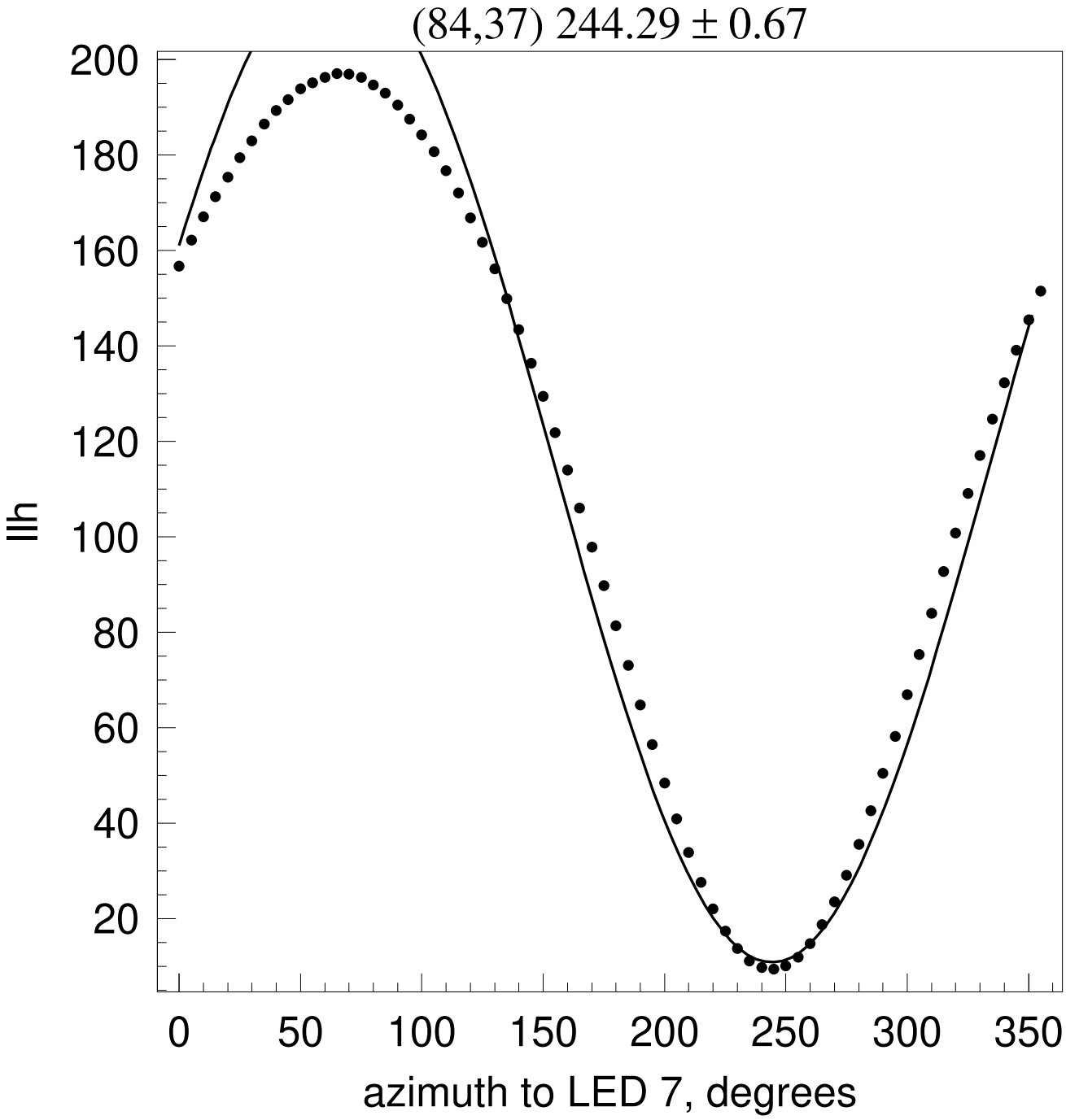

(84,32) 75.92 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

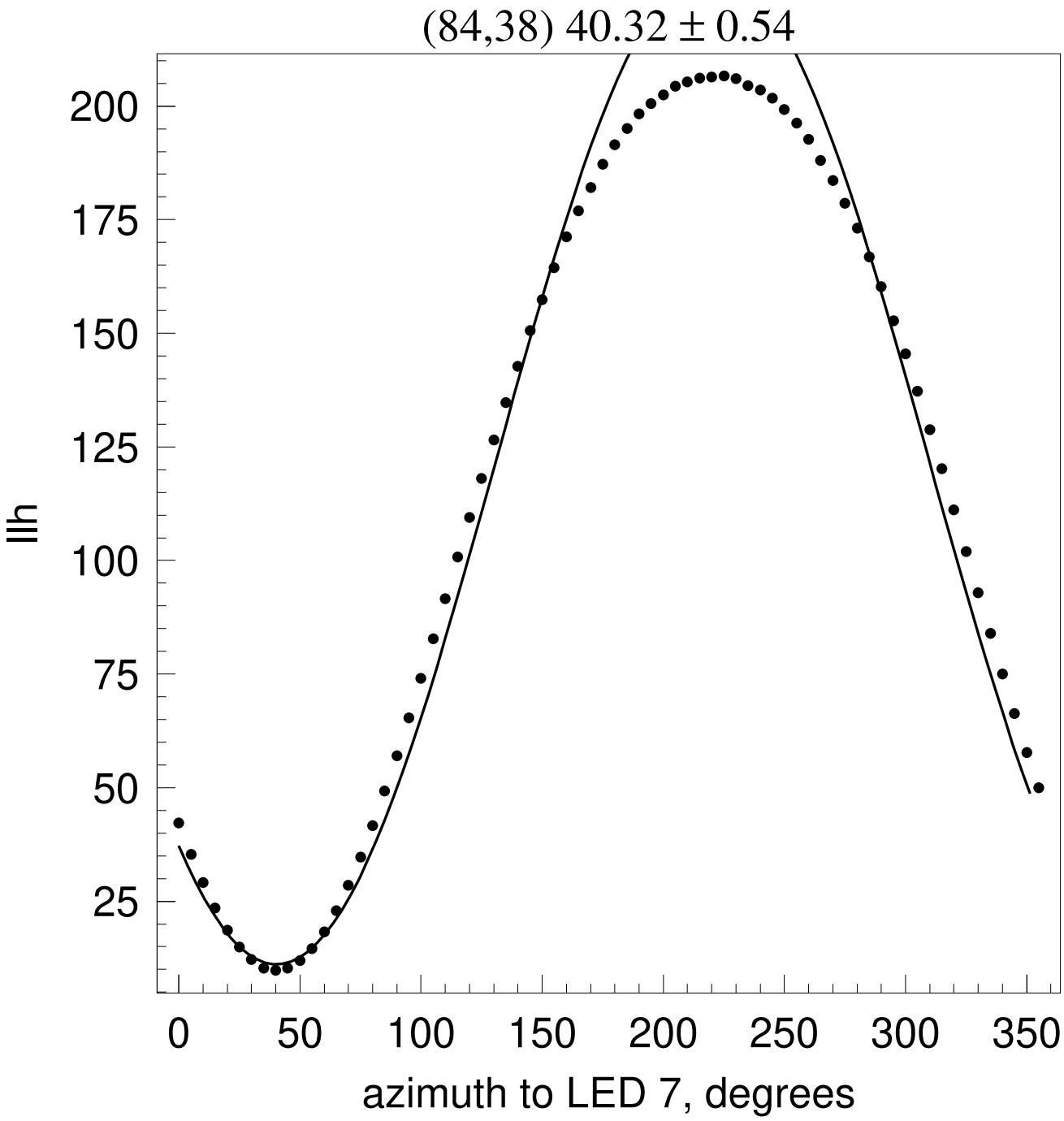

(84,33) 290.09 ± 0.45
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

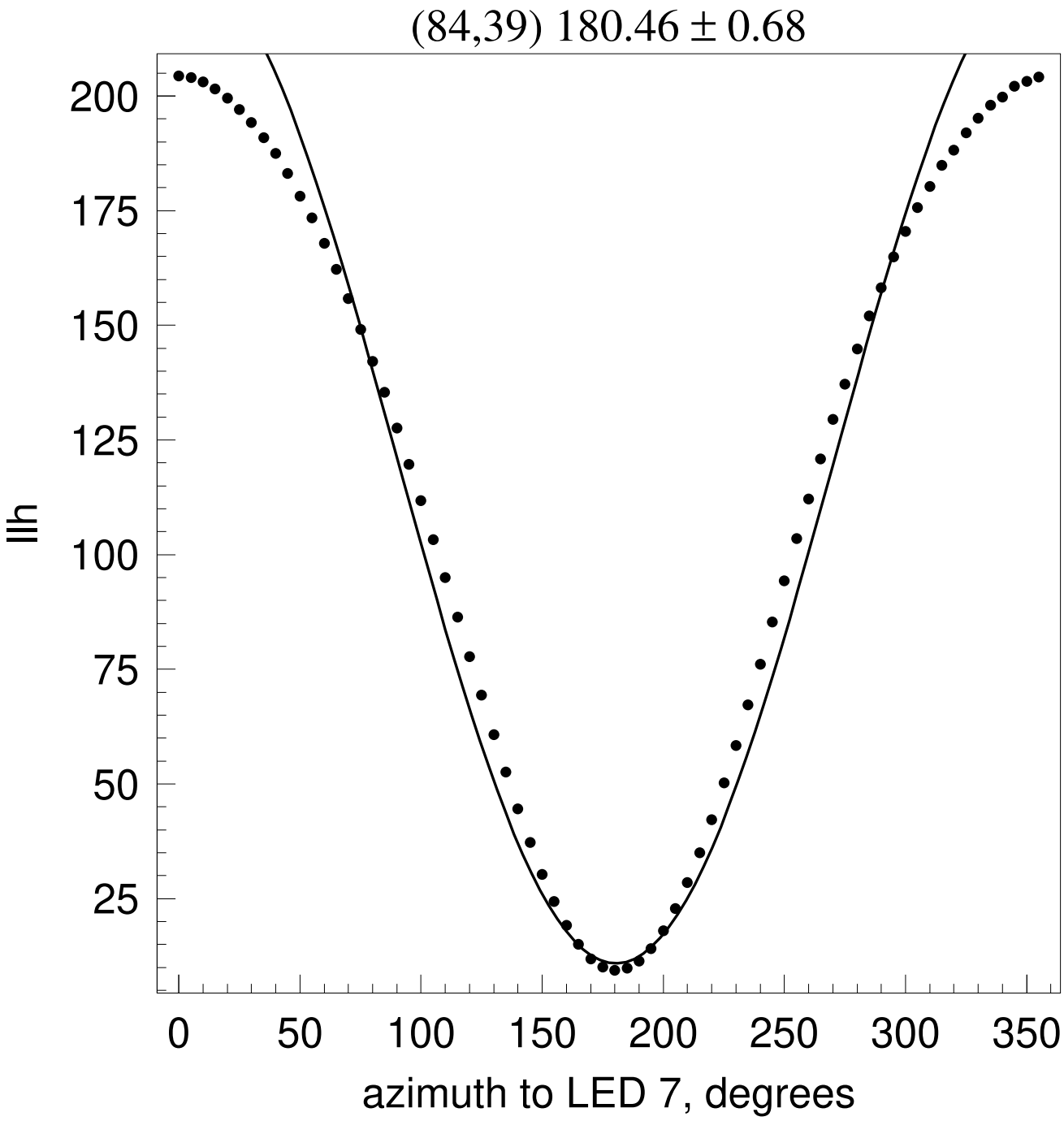

(84,34) 26.18 ± 0.55
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

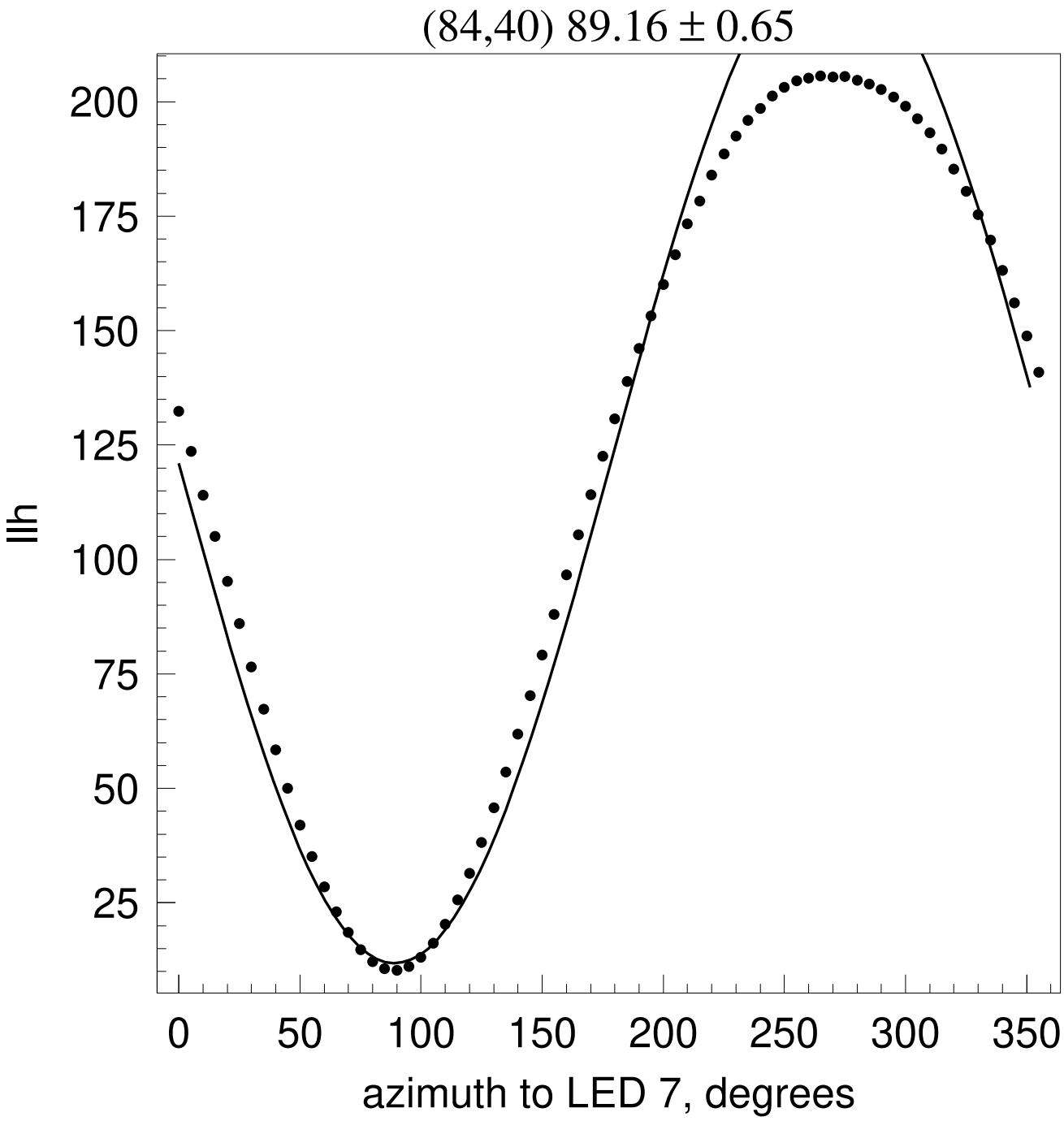

(84,35) 24.68 ± 0.70
160
140
120
100
80
60
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

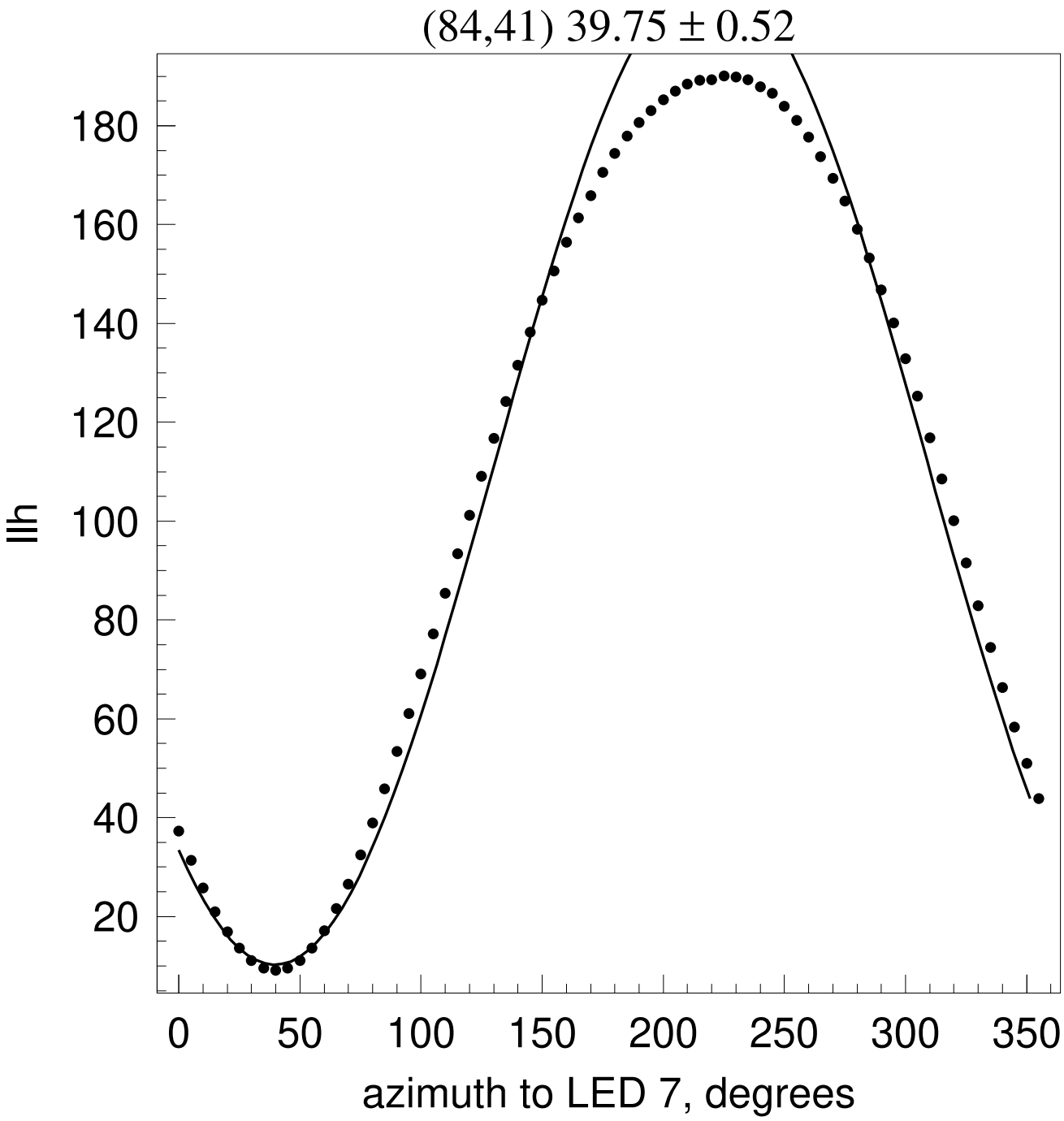

(84,36) 34.21 ± 0.50
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

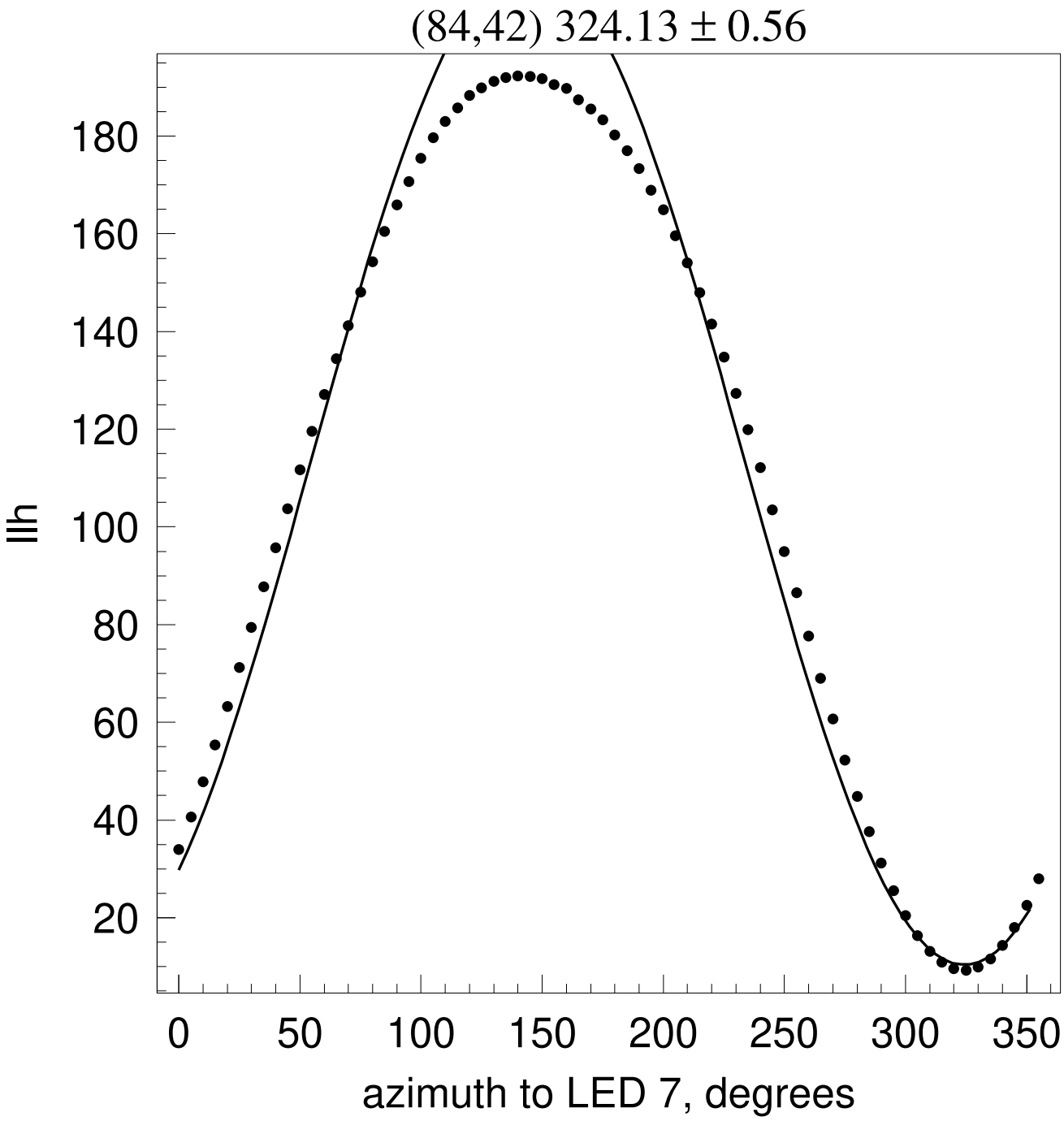

(84,37) 244.29 ± 0.67
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

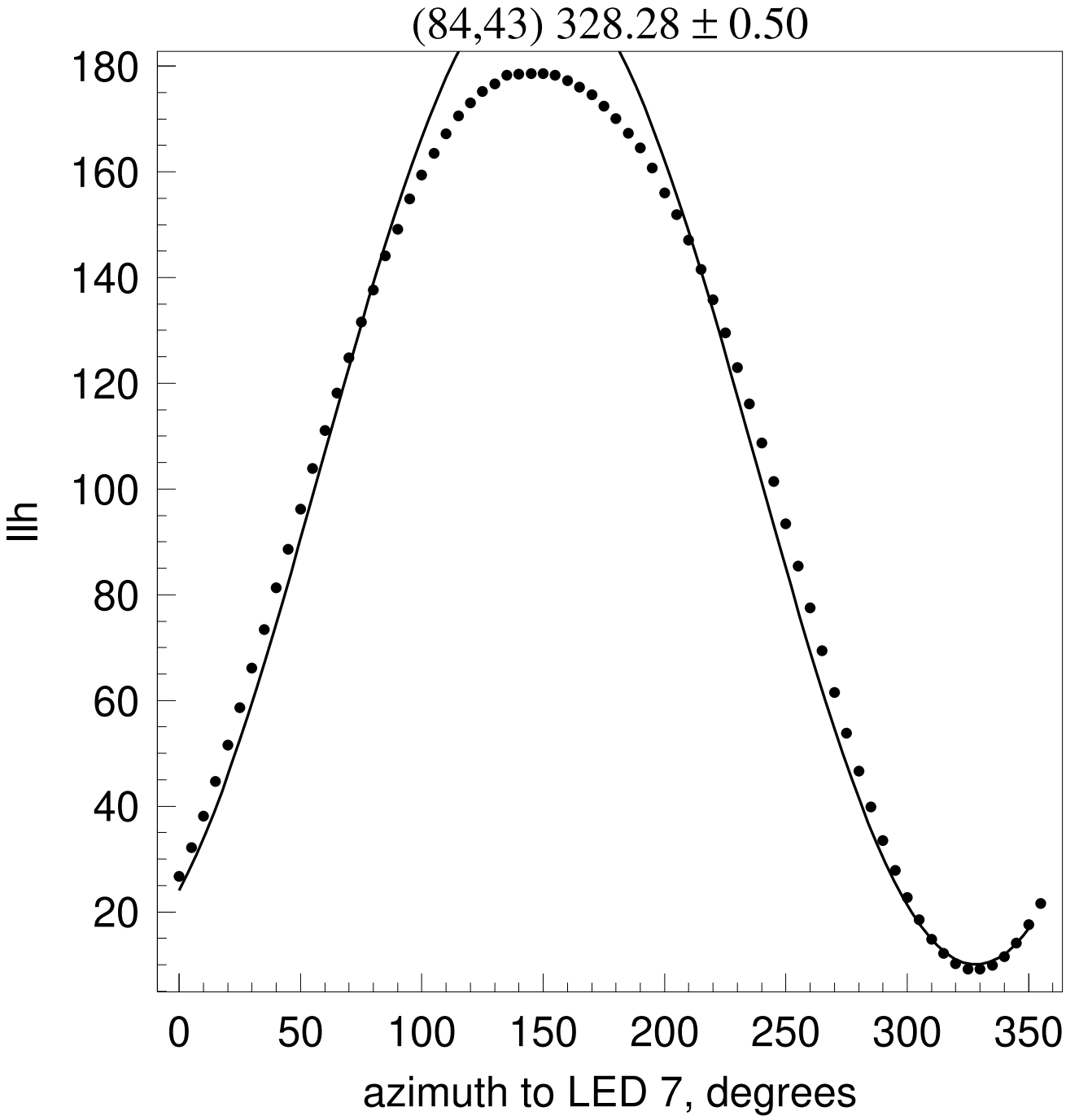

(84,38) 40.32 ± 0.54
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

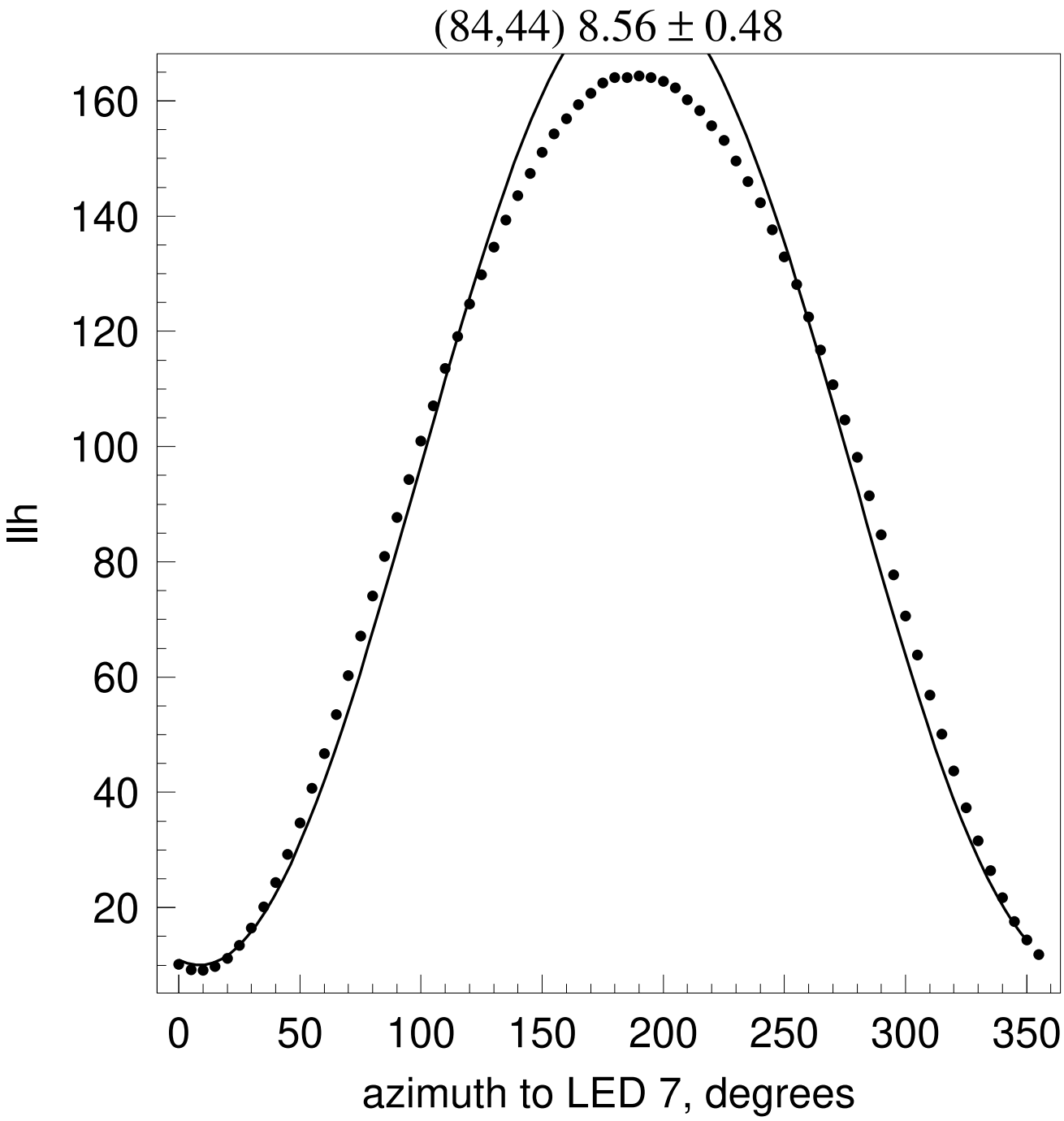

(84,39) 180.46 ± 0.68
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

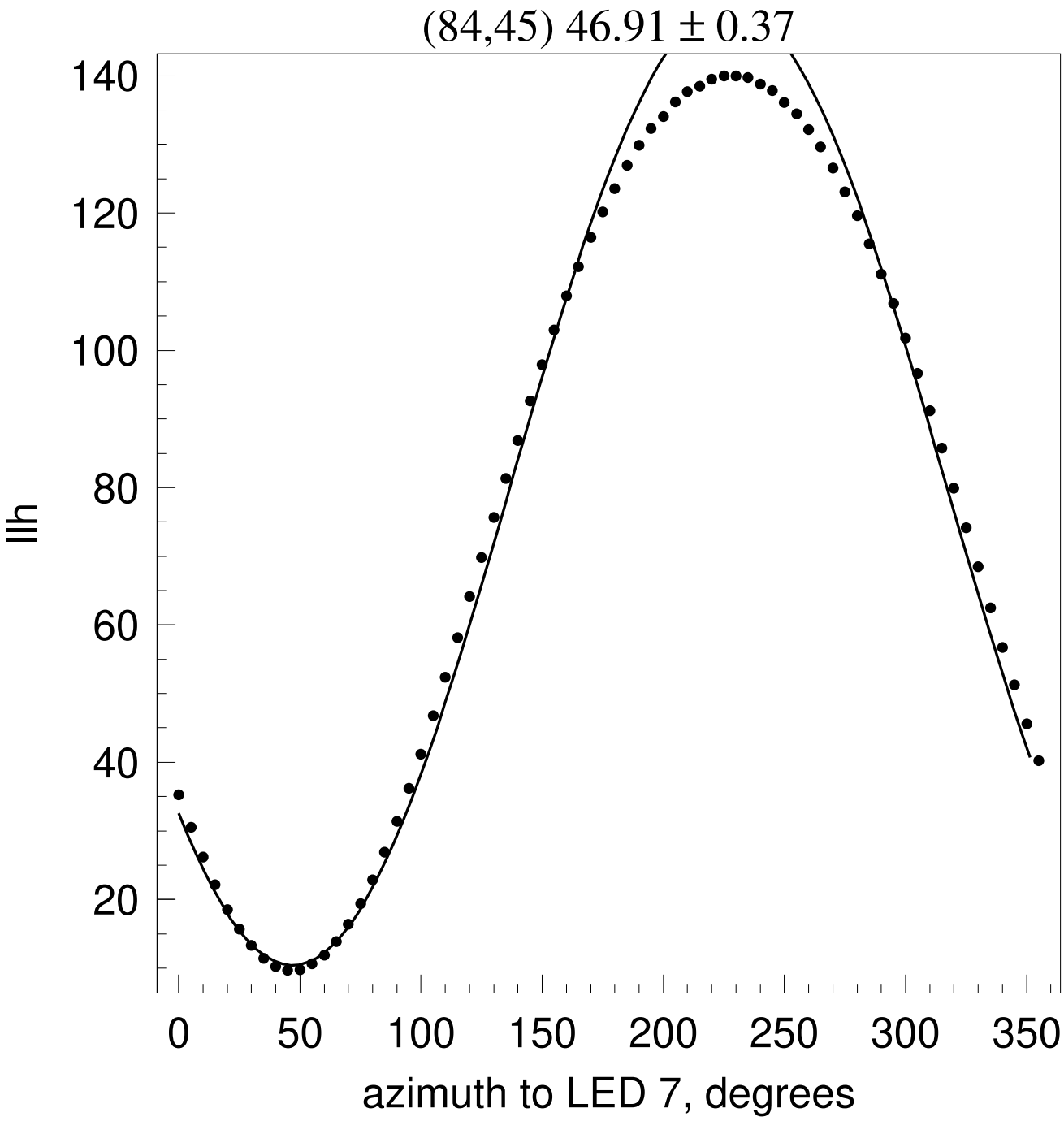

(84,40) 89.16 ± 0.65
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

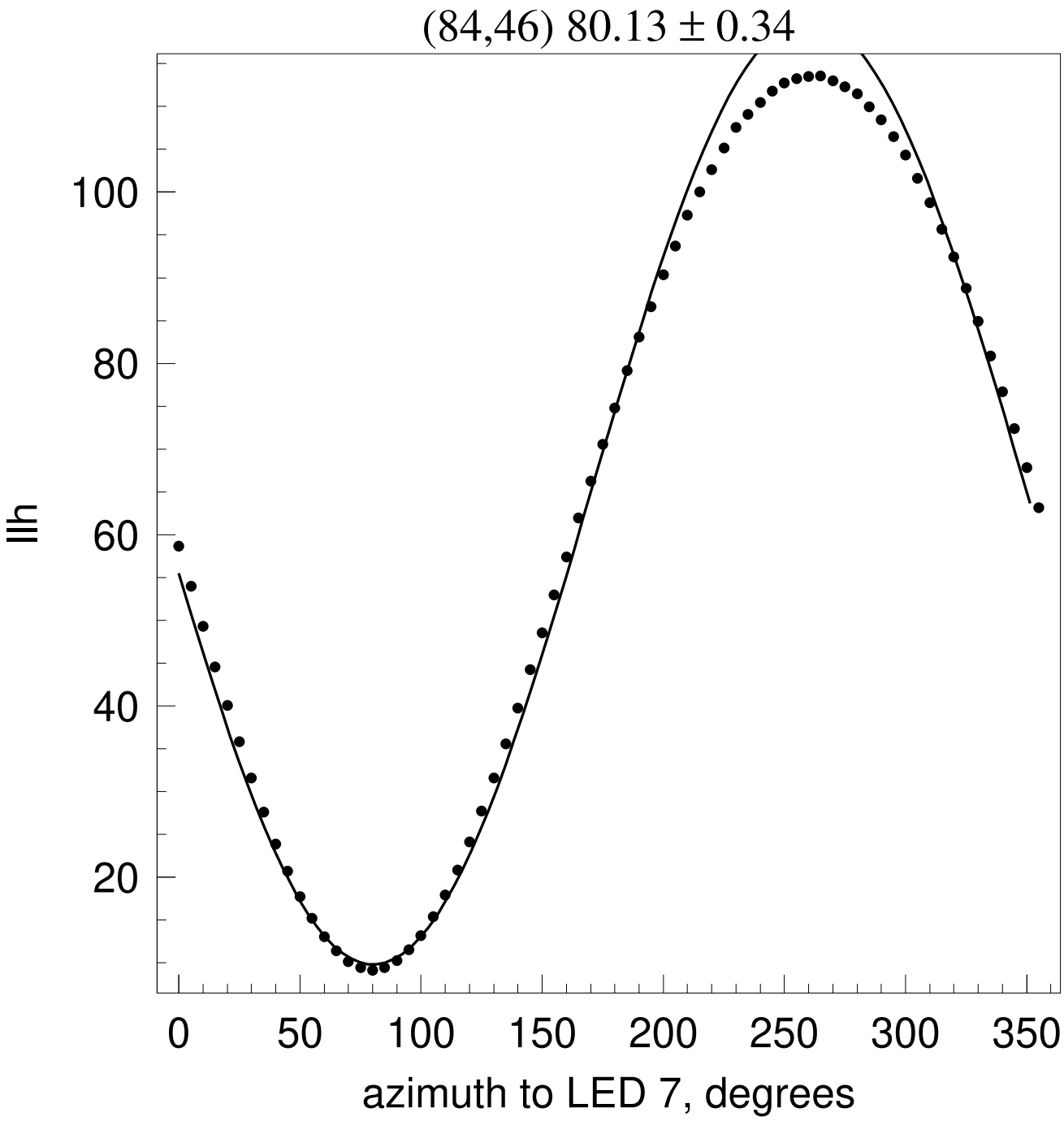

(84,41) 39.75 ± 0.52
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

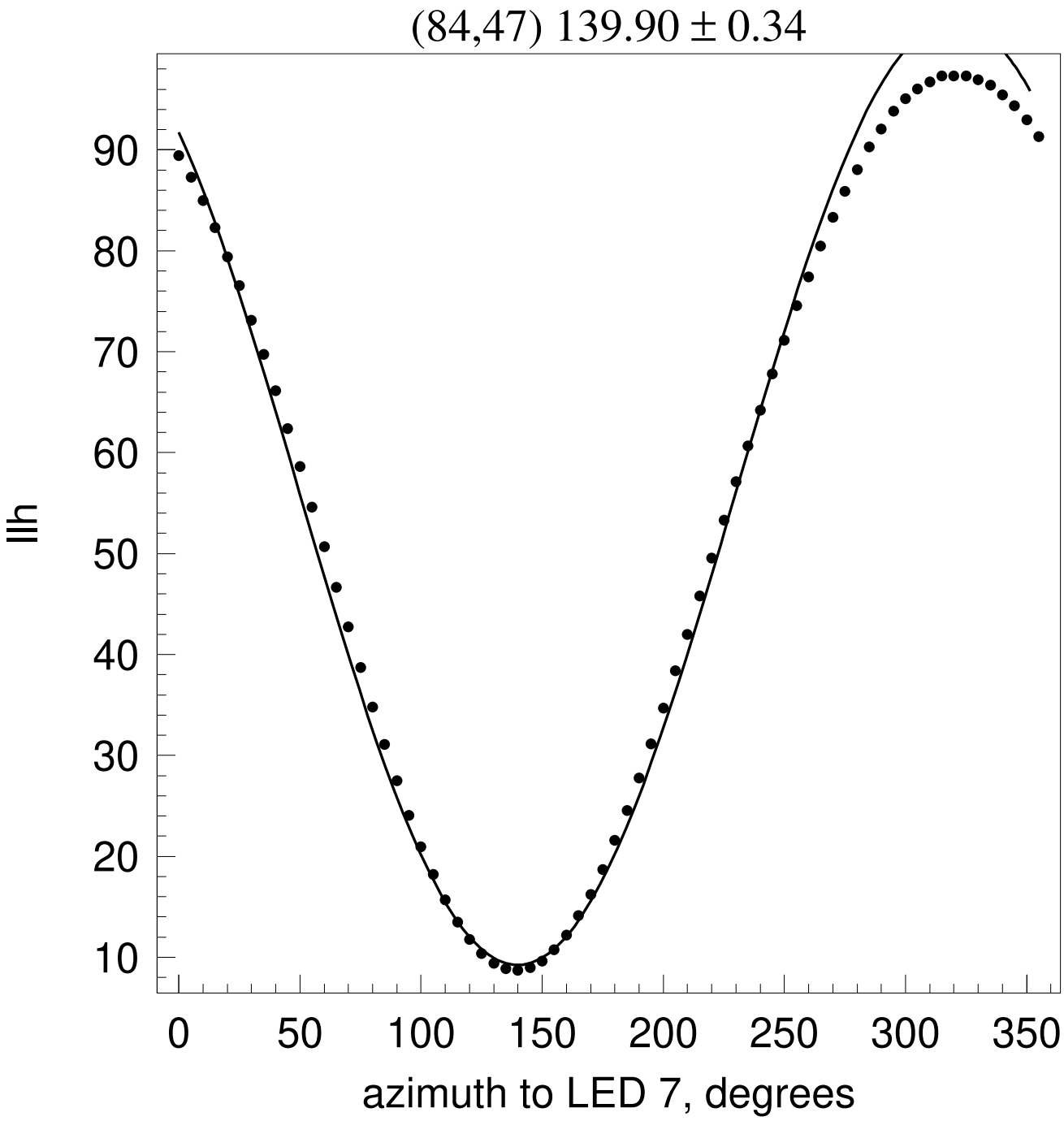

(84,42) 324.13 ± 0.56
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

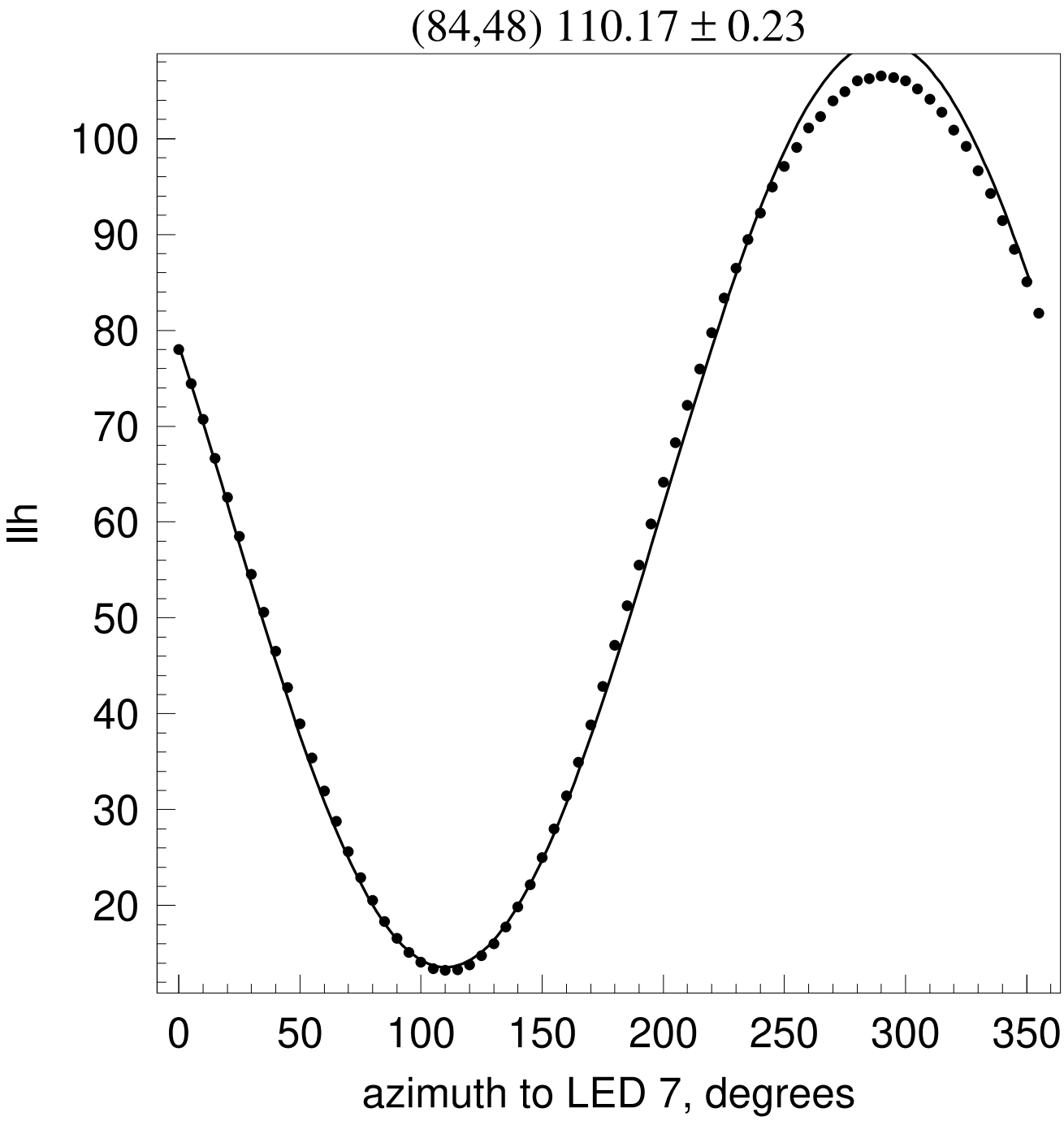

(84,43) 328.28 ± 0.50
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

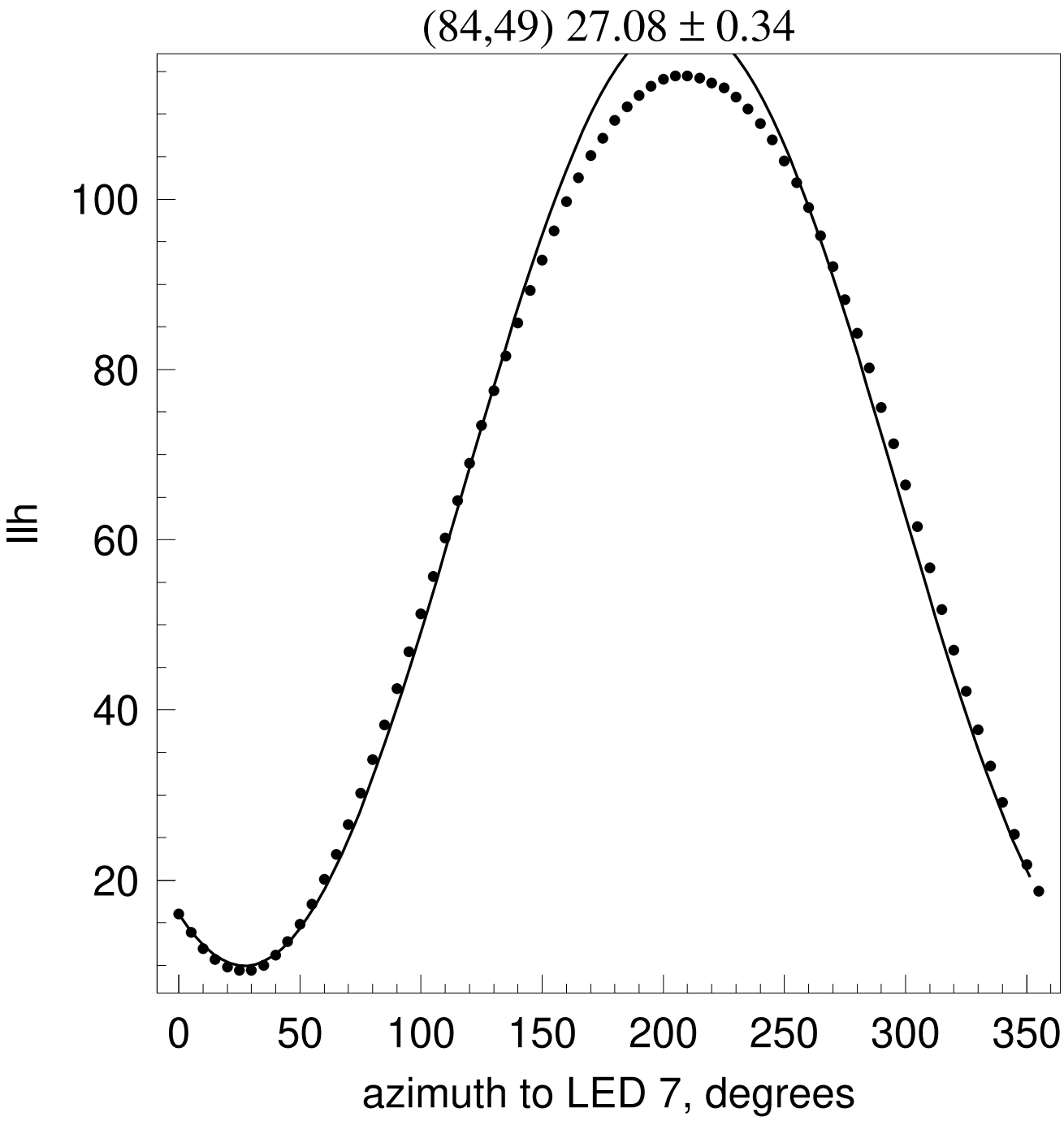

(84,44) 8.56 ± 0.48
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

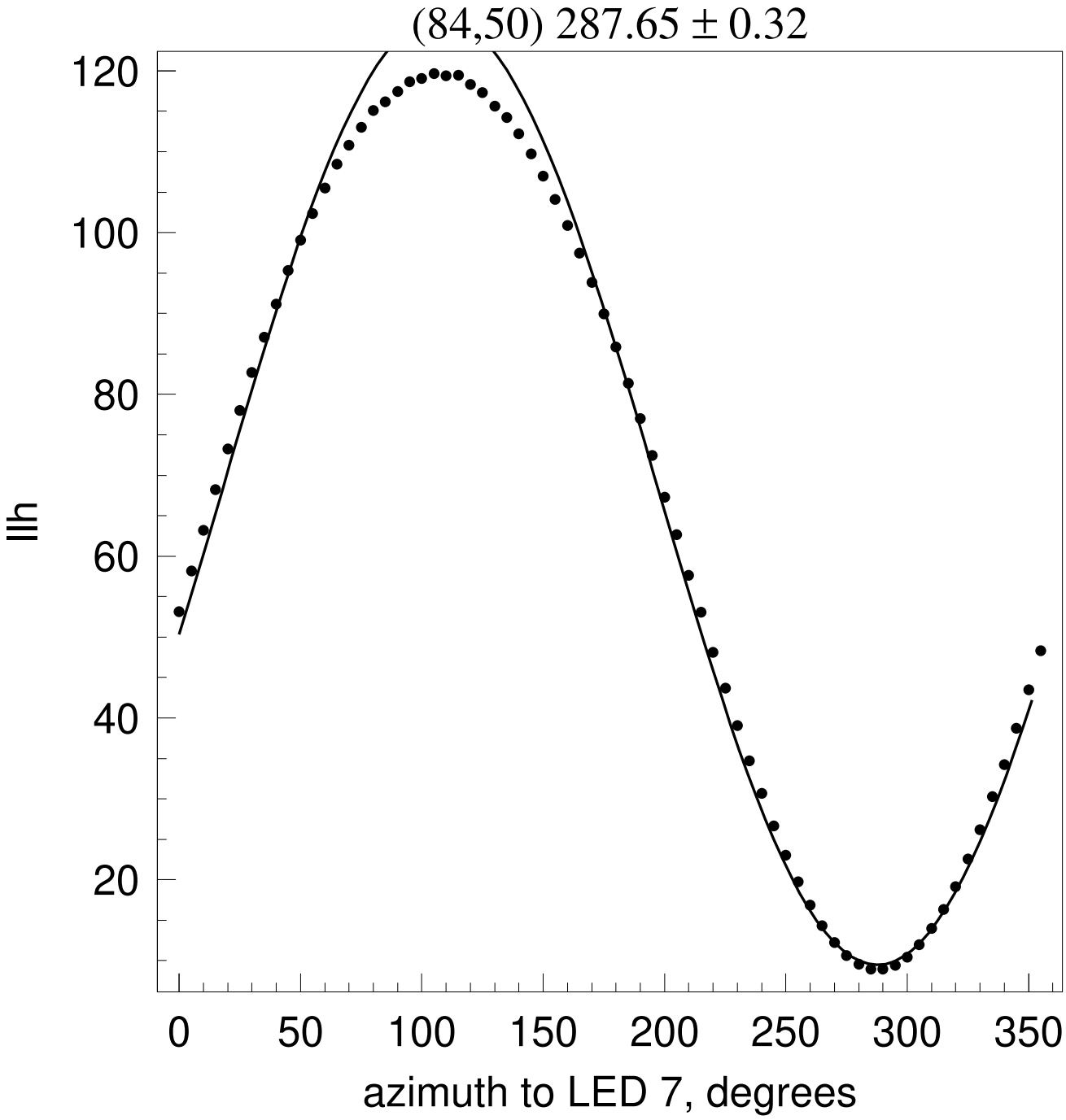

(84,45) 46.91 ± 0.37
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

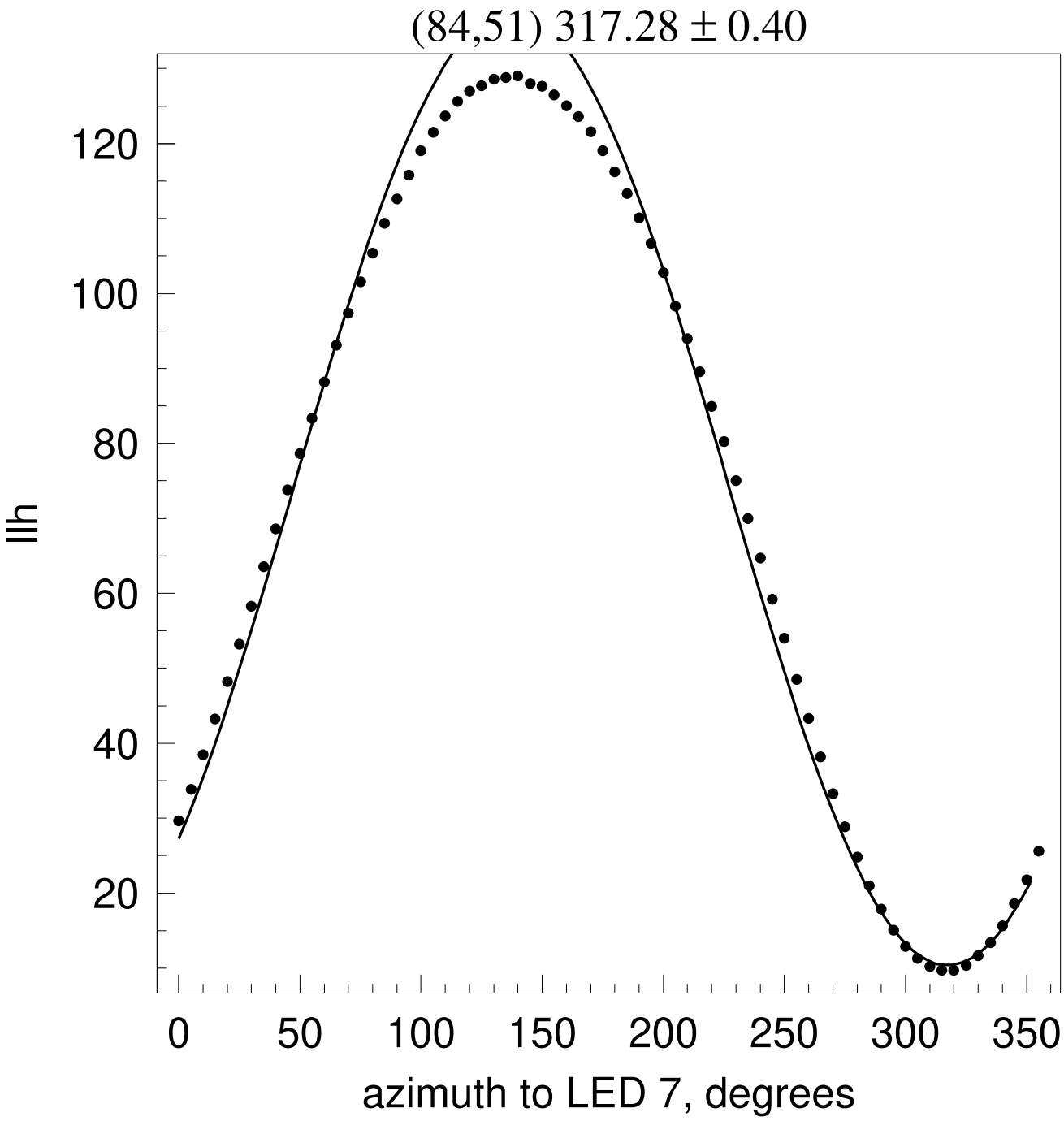

(84,46) 80.13 ± 0.34
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

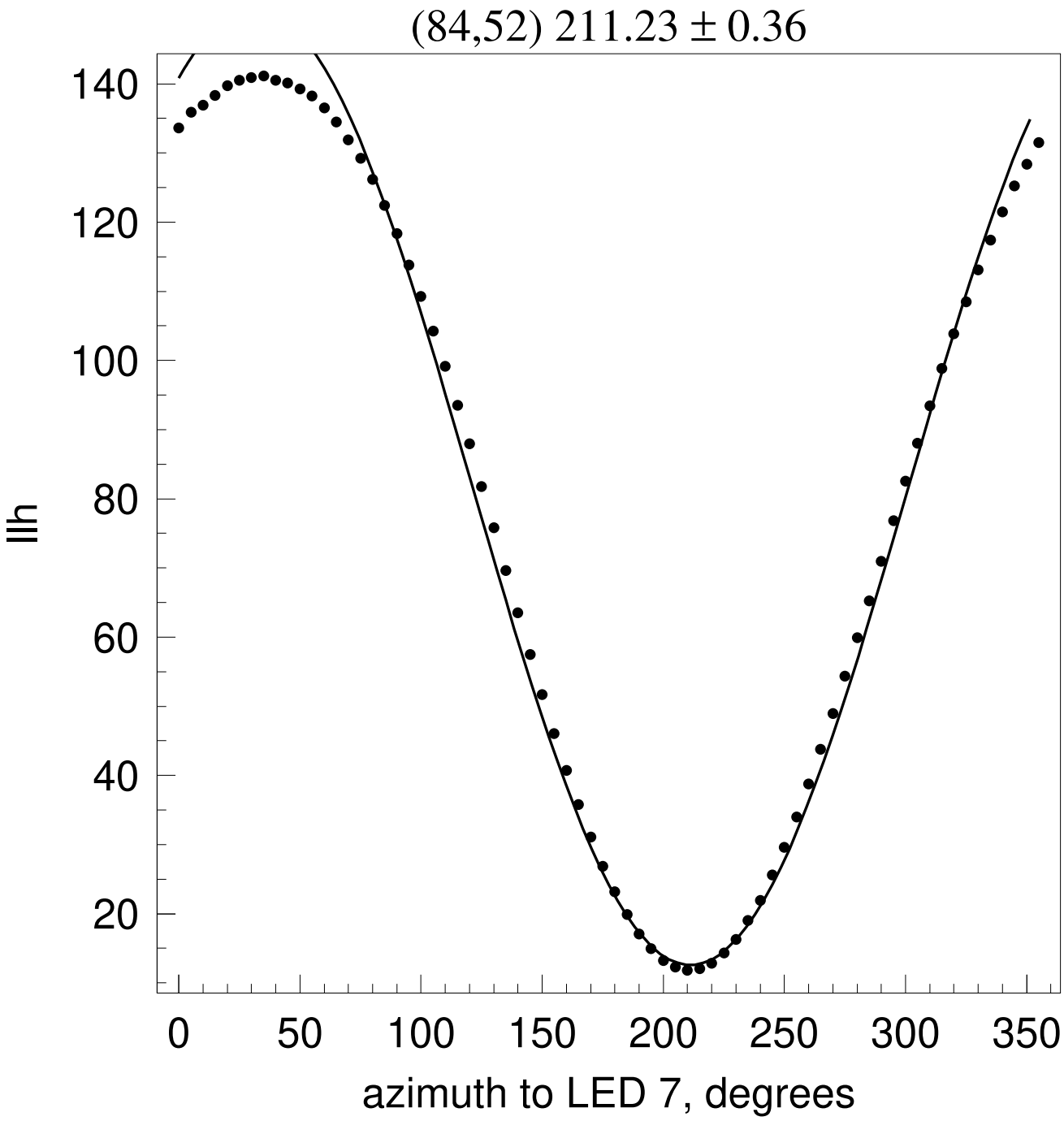

(84,47) 139.90 ± 0.34
llh
90
80
70
60
50
40
30
20
10
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

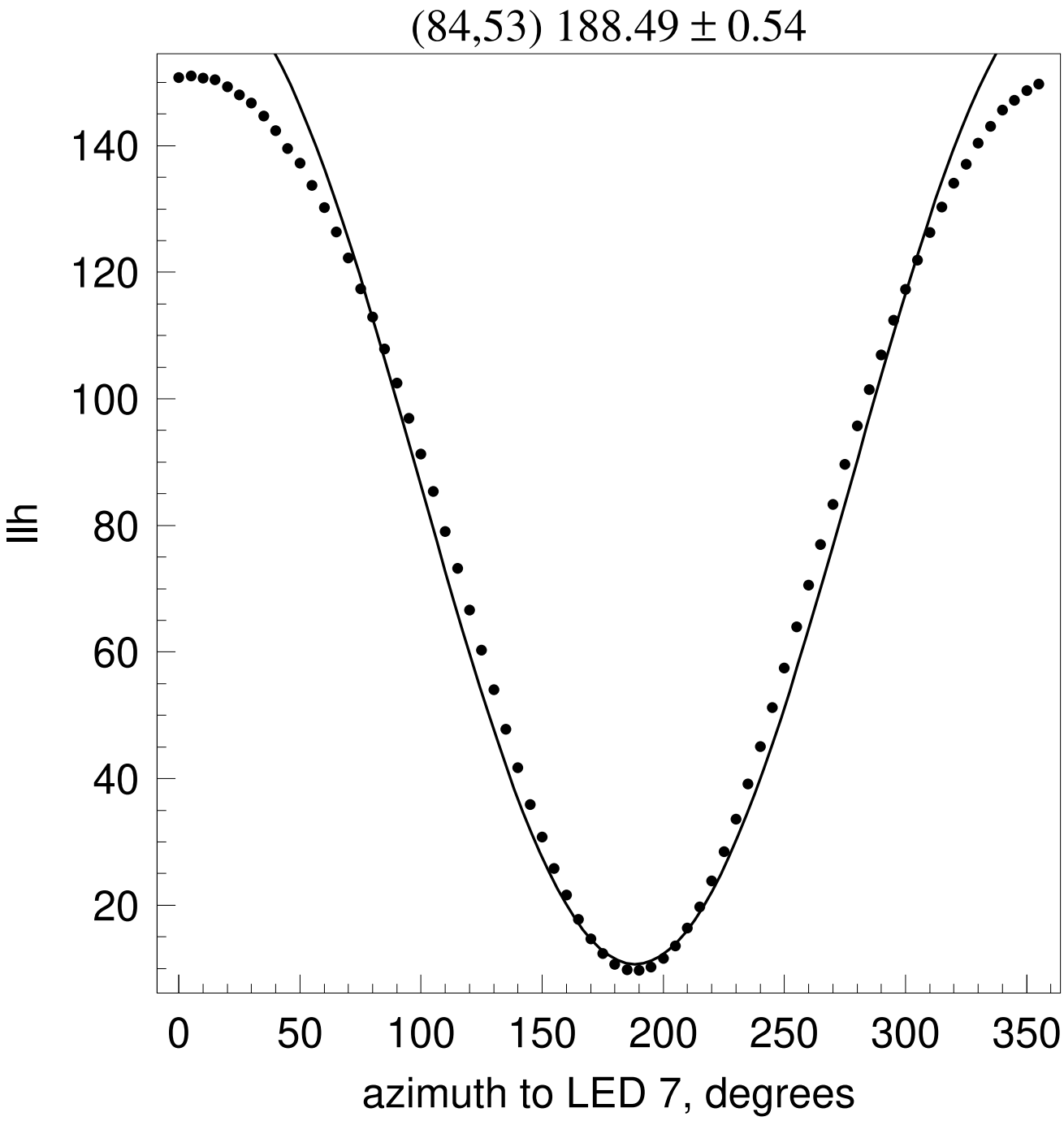

(84,48) 110.17 ± 0.23
100
90
80
70
60
50
40
30
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

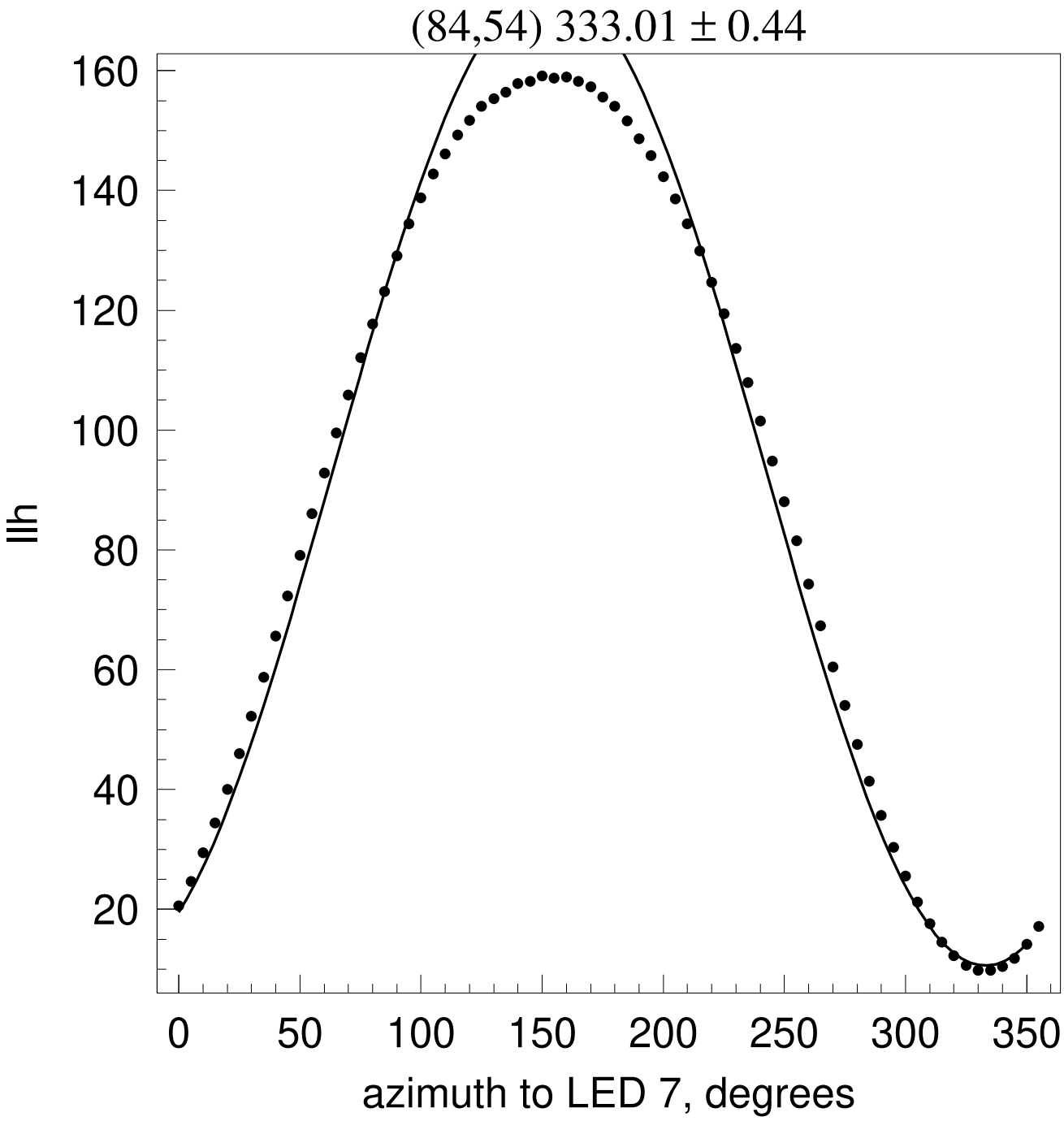

(84,49) 27.08 ± 0.34
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

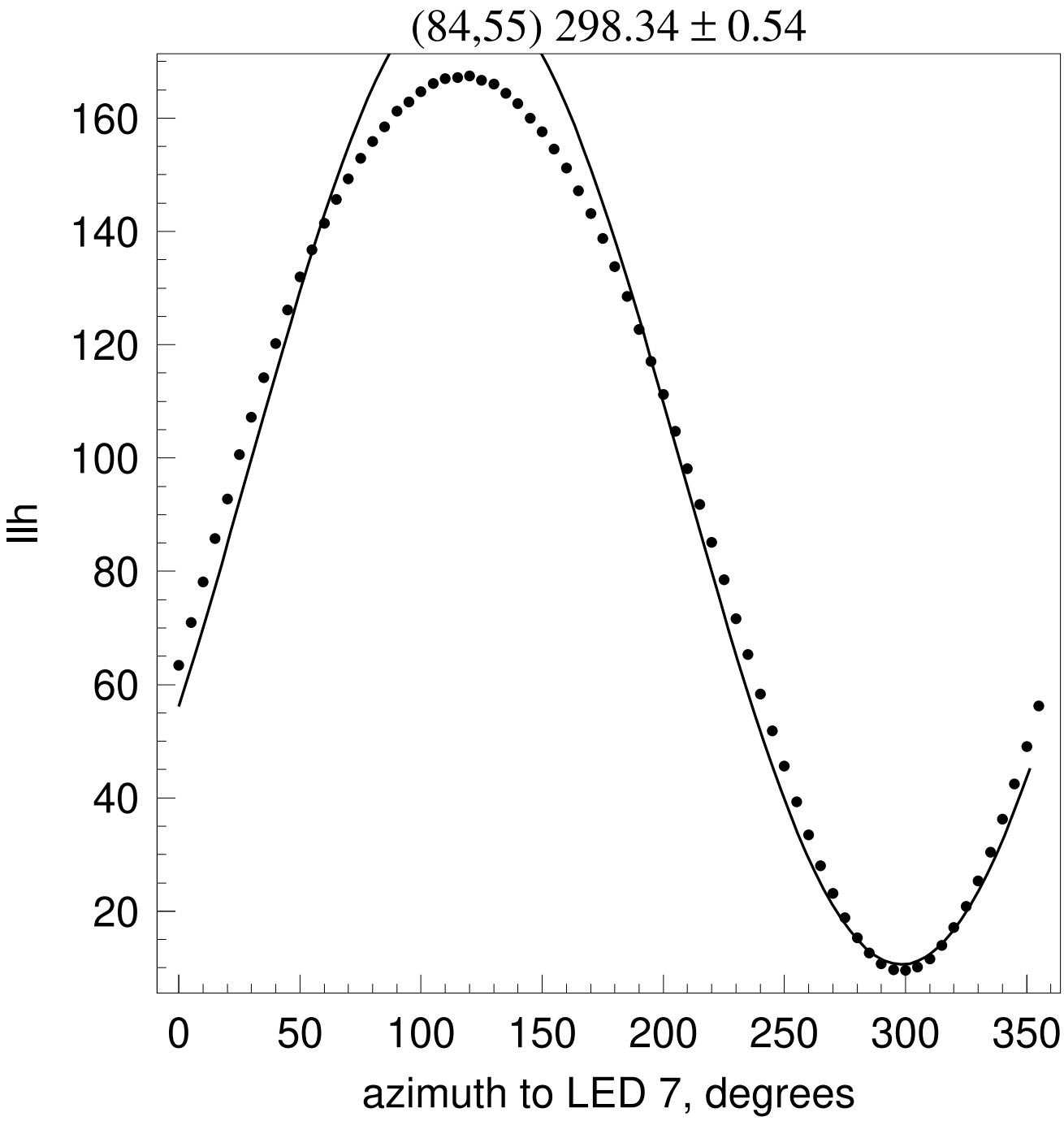

(84,50) 287.65 ± 0.32
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

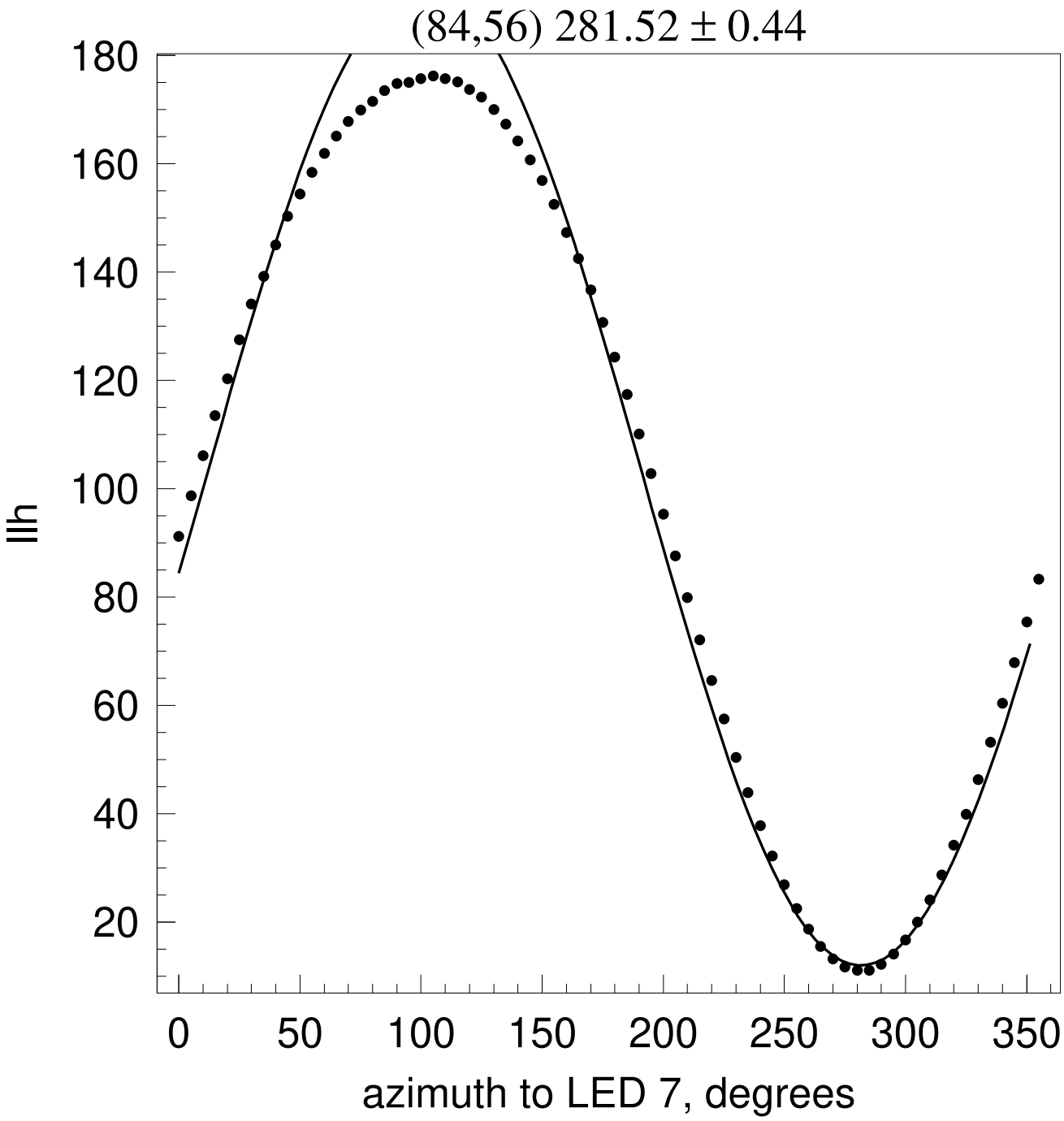

(84,51) 317.28 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

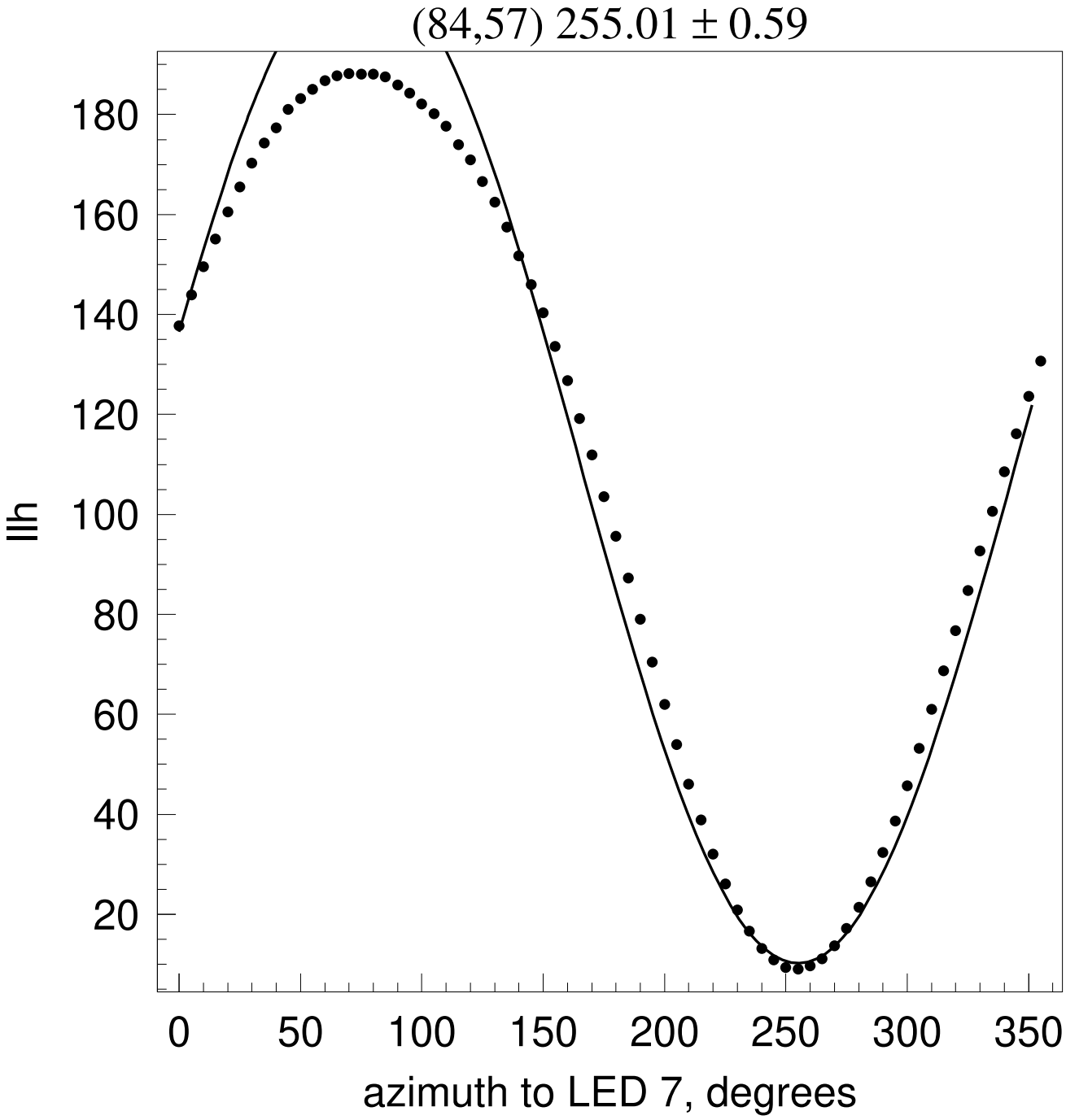

(84,52) 211.23 ± 0.36
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

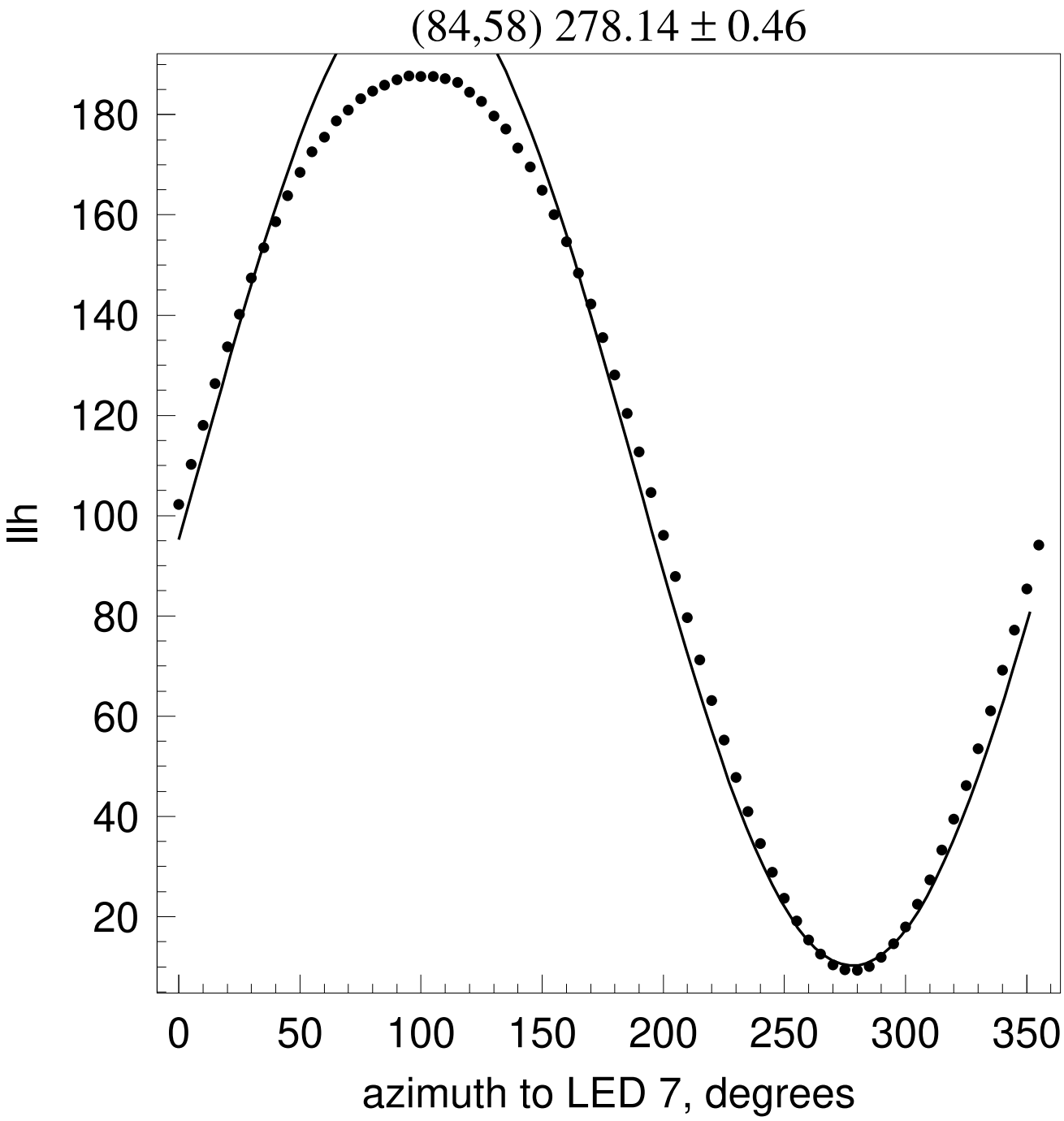

(84,53) 188.49 ± 0.54
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

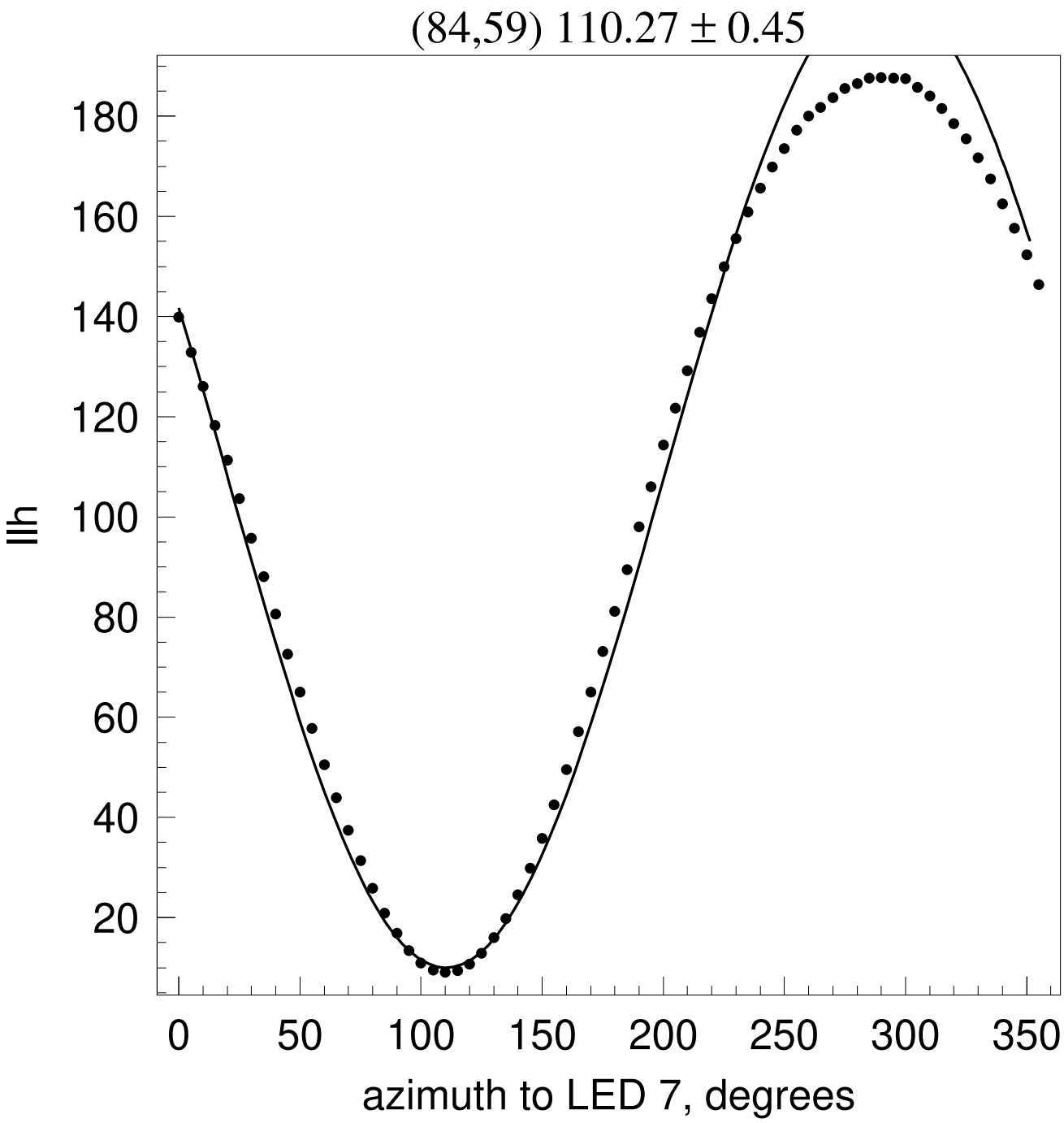

(84,54) 333.01 ± 0.44
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

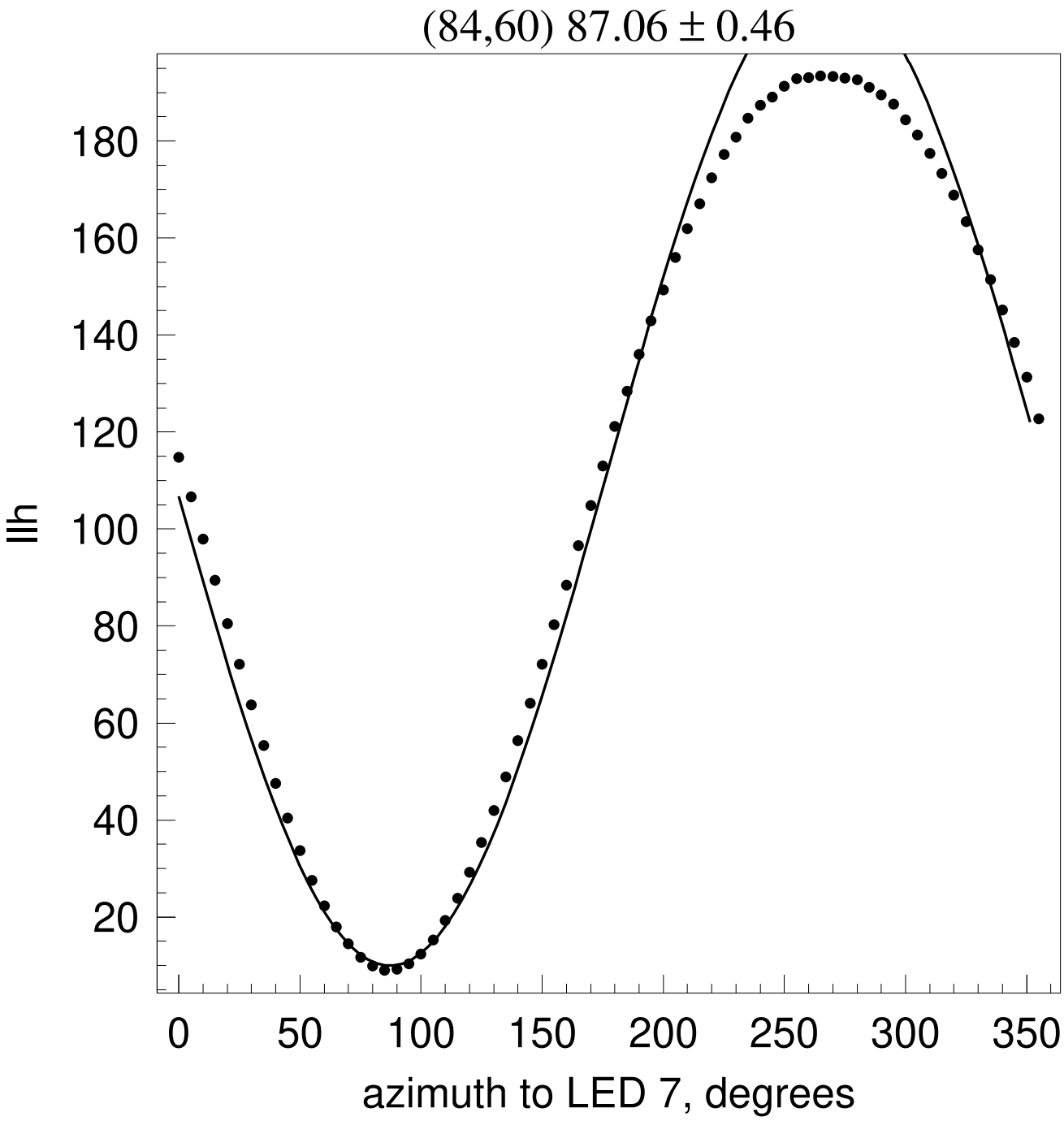

(84,55) 298.34 ± 0.54
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

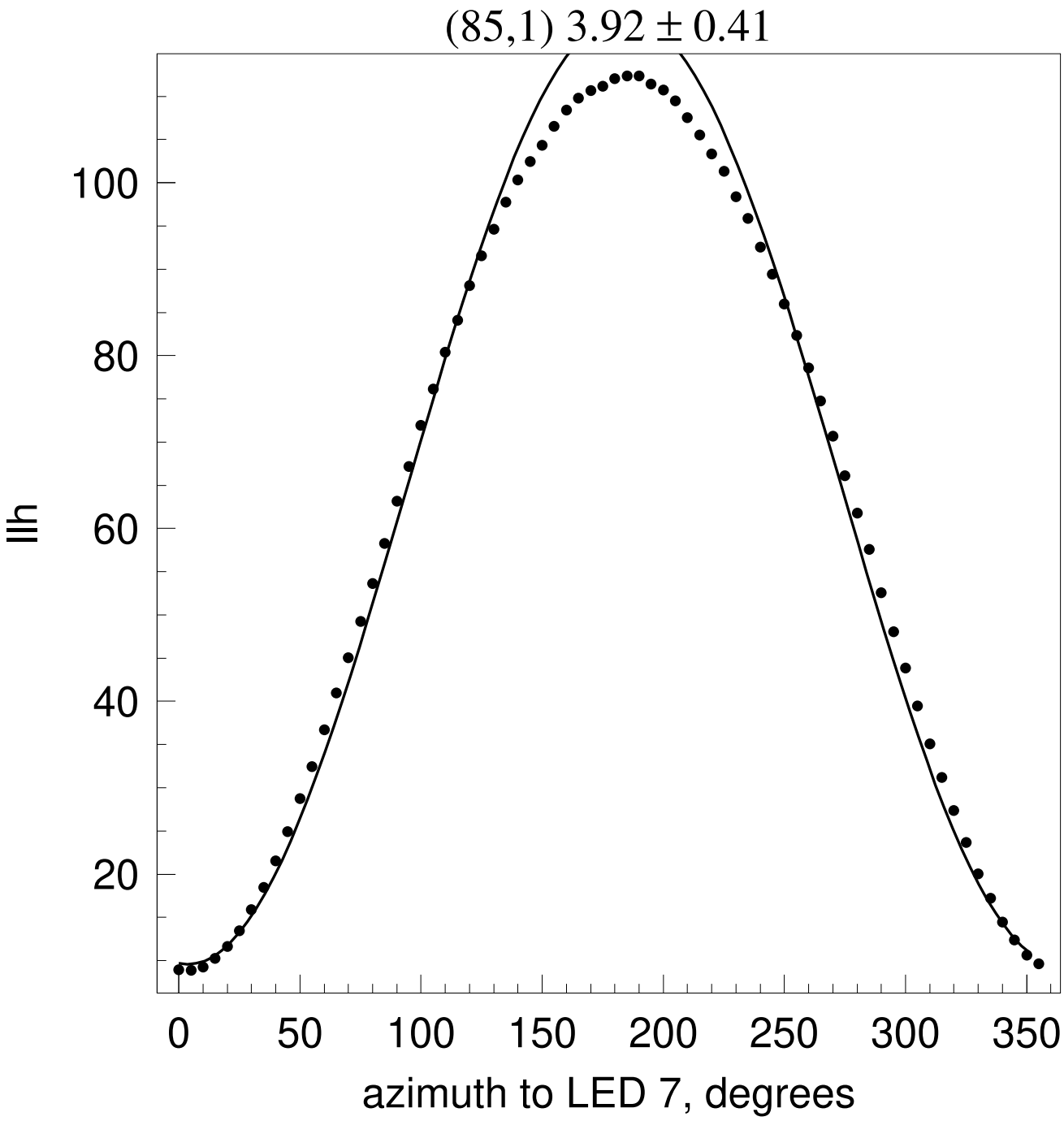

(84,56) 281.52 ± 0.44
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

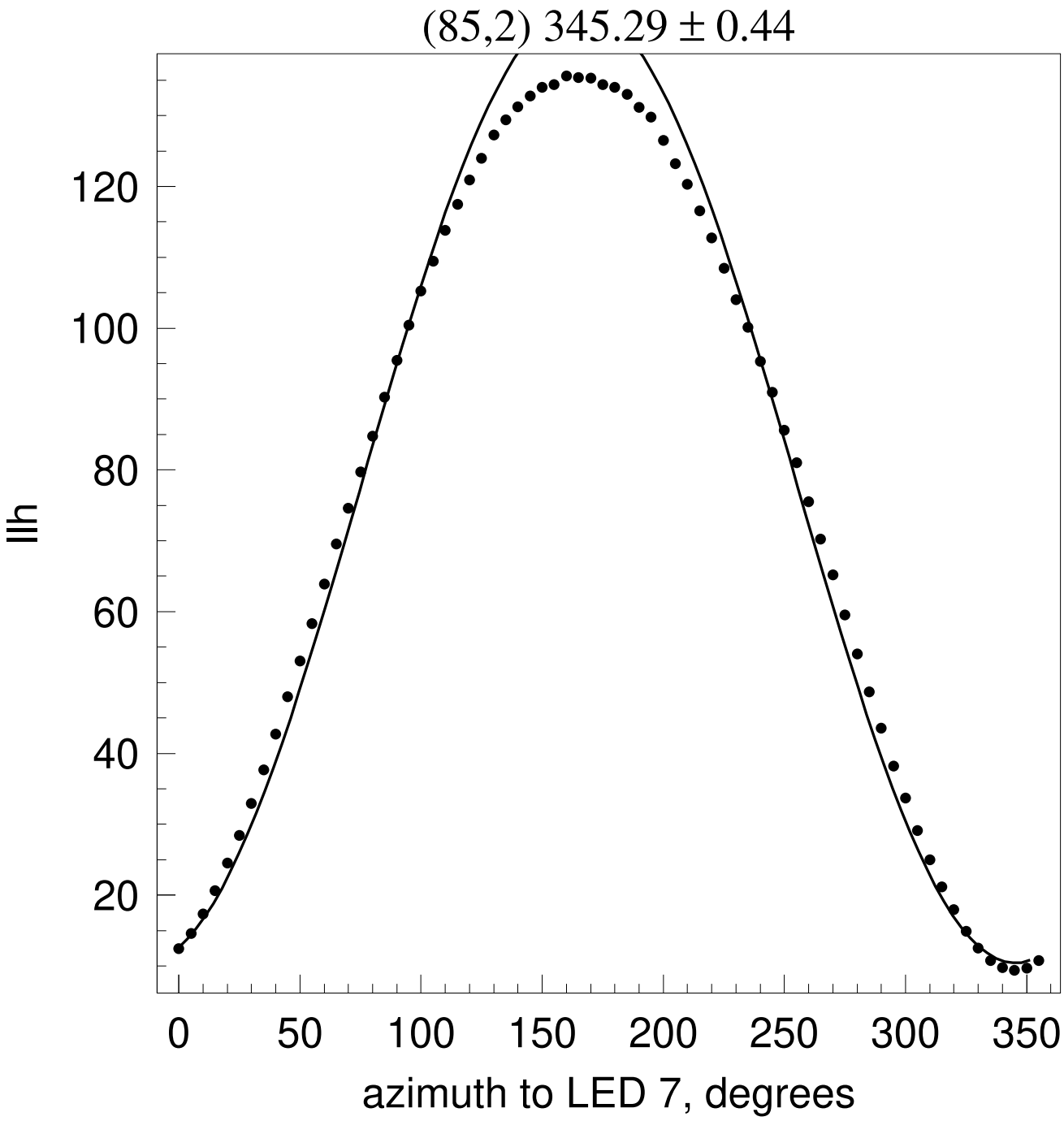

(84,57) 255.01 ± 0.59
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

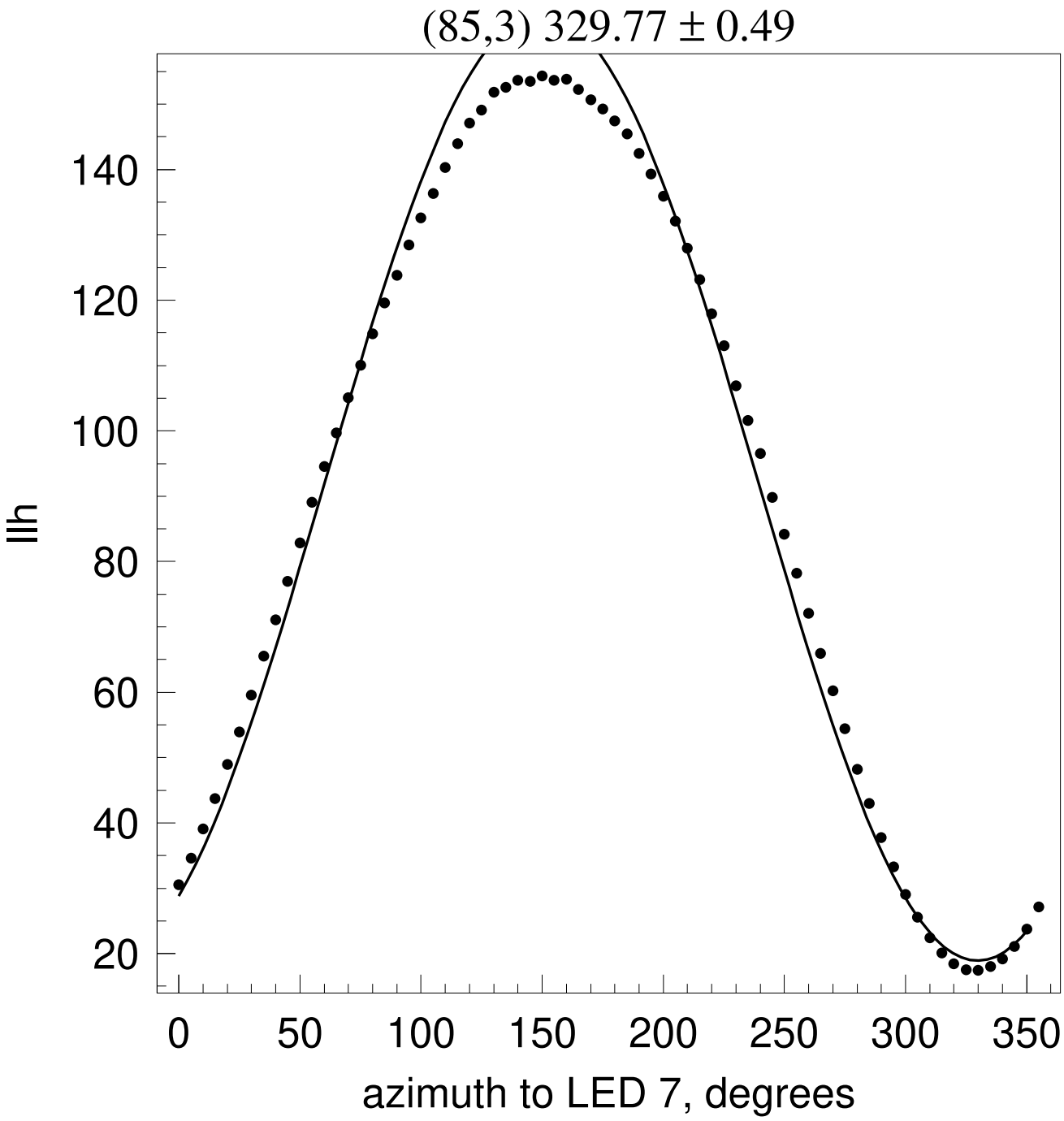

(84,58) 278.14 ± 0.46
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

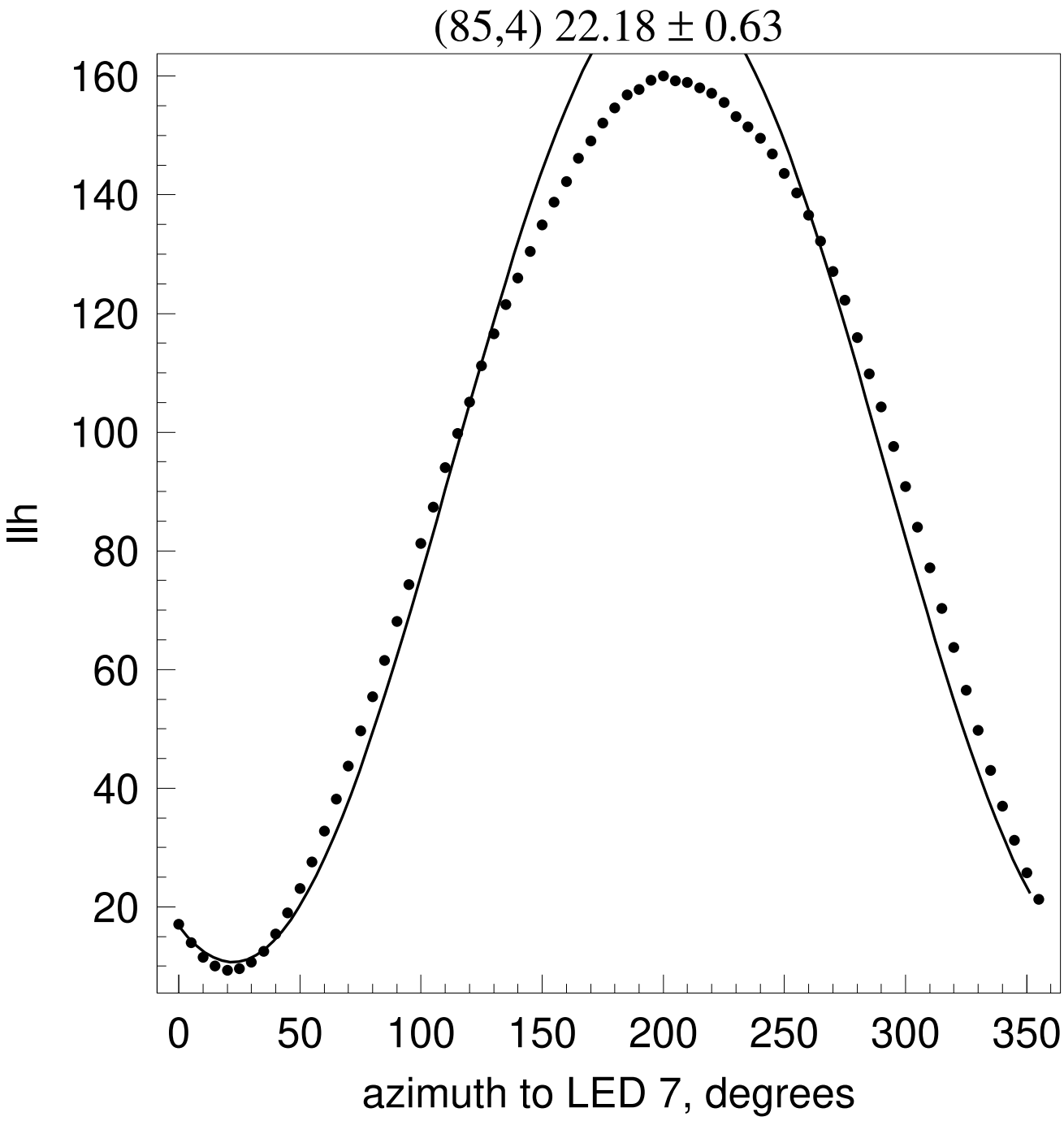

(84,59) 110.27 ± 0.45
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

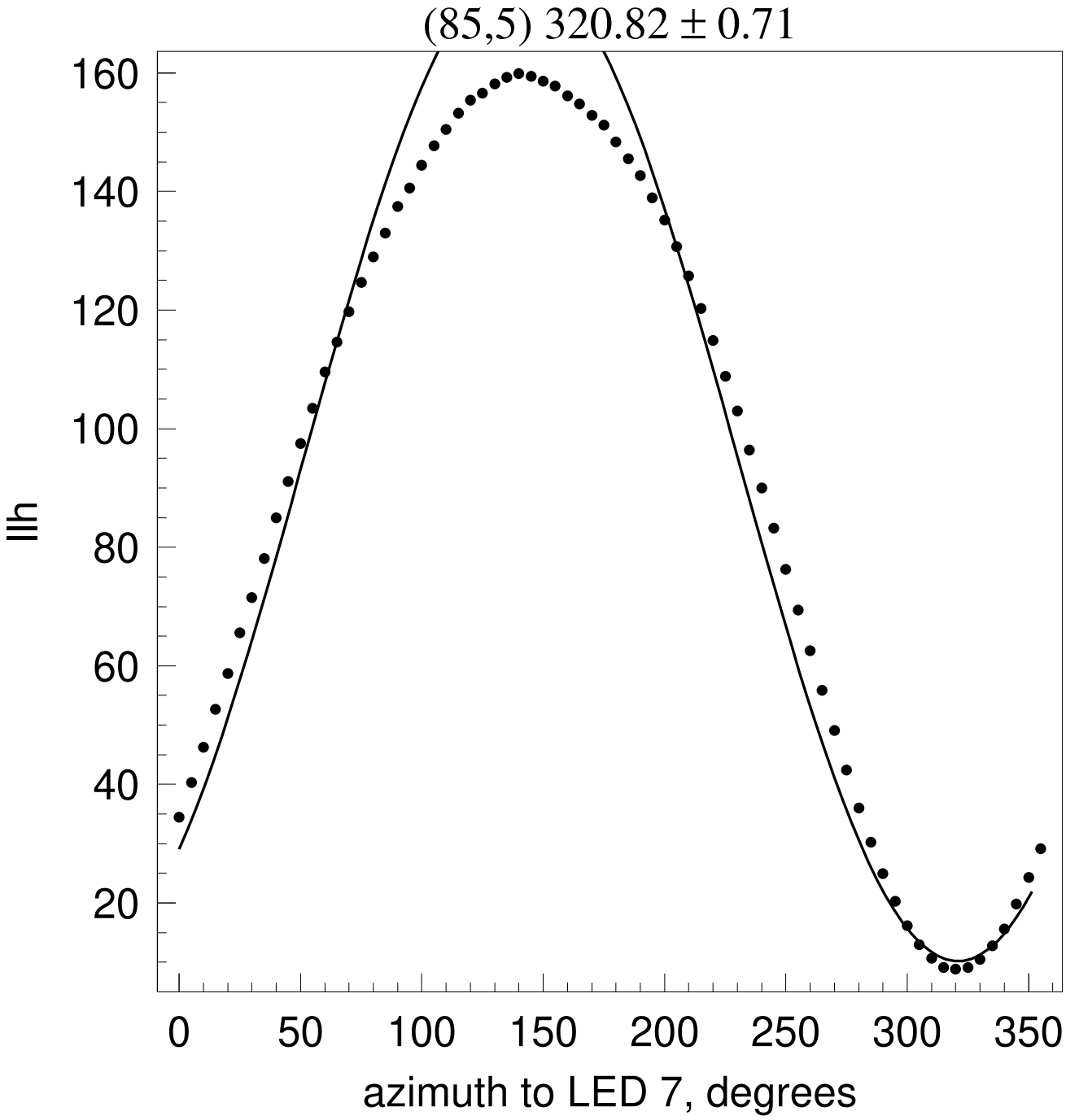

(84,60) 87.06 ± 0.46
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

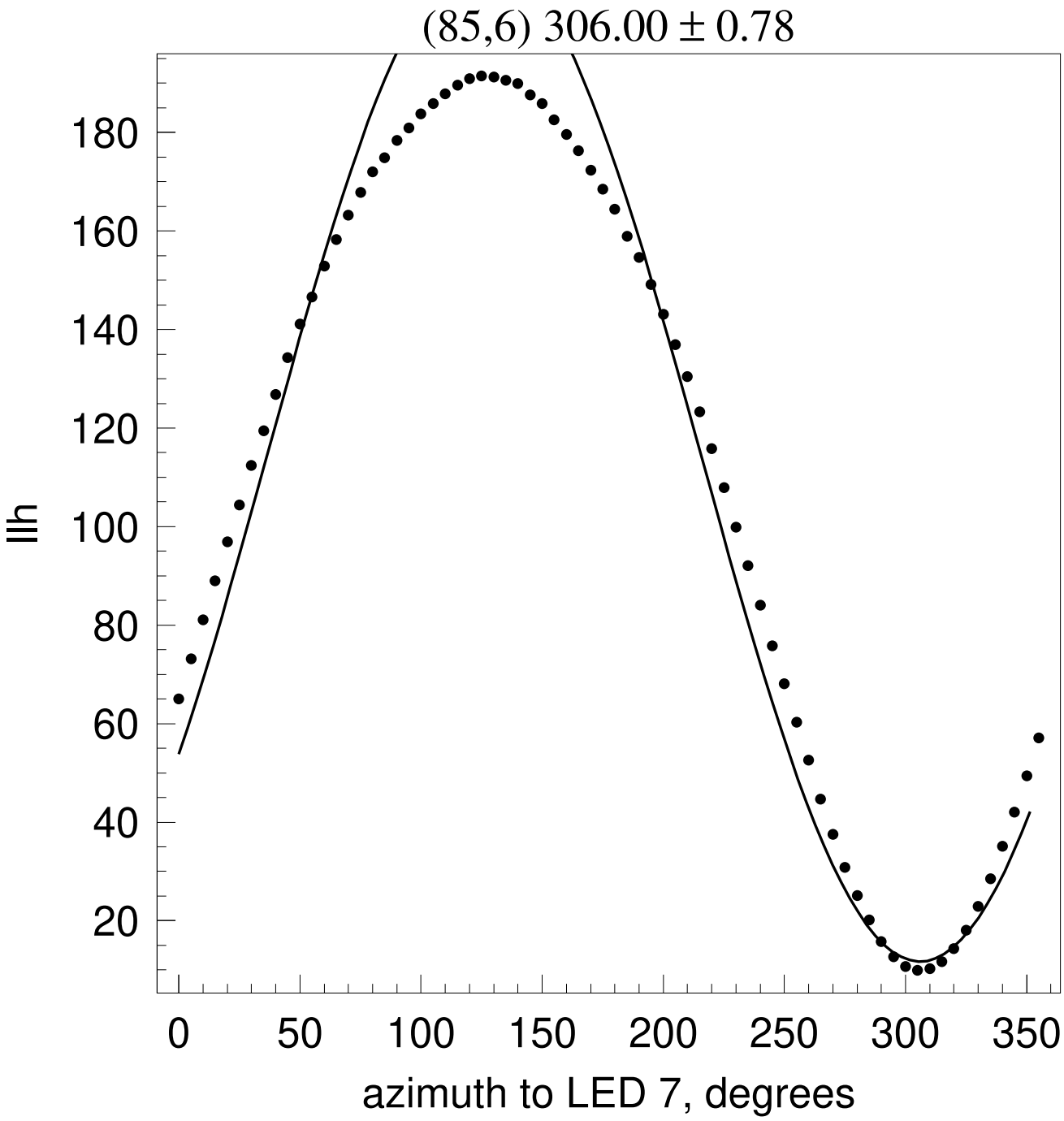

(85,1) 3.92 ± 0.41
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

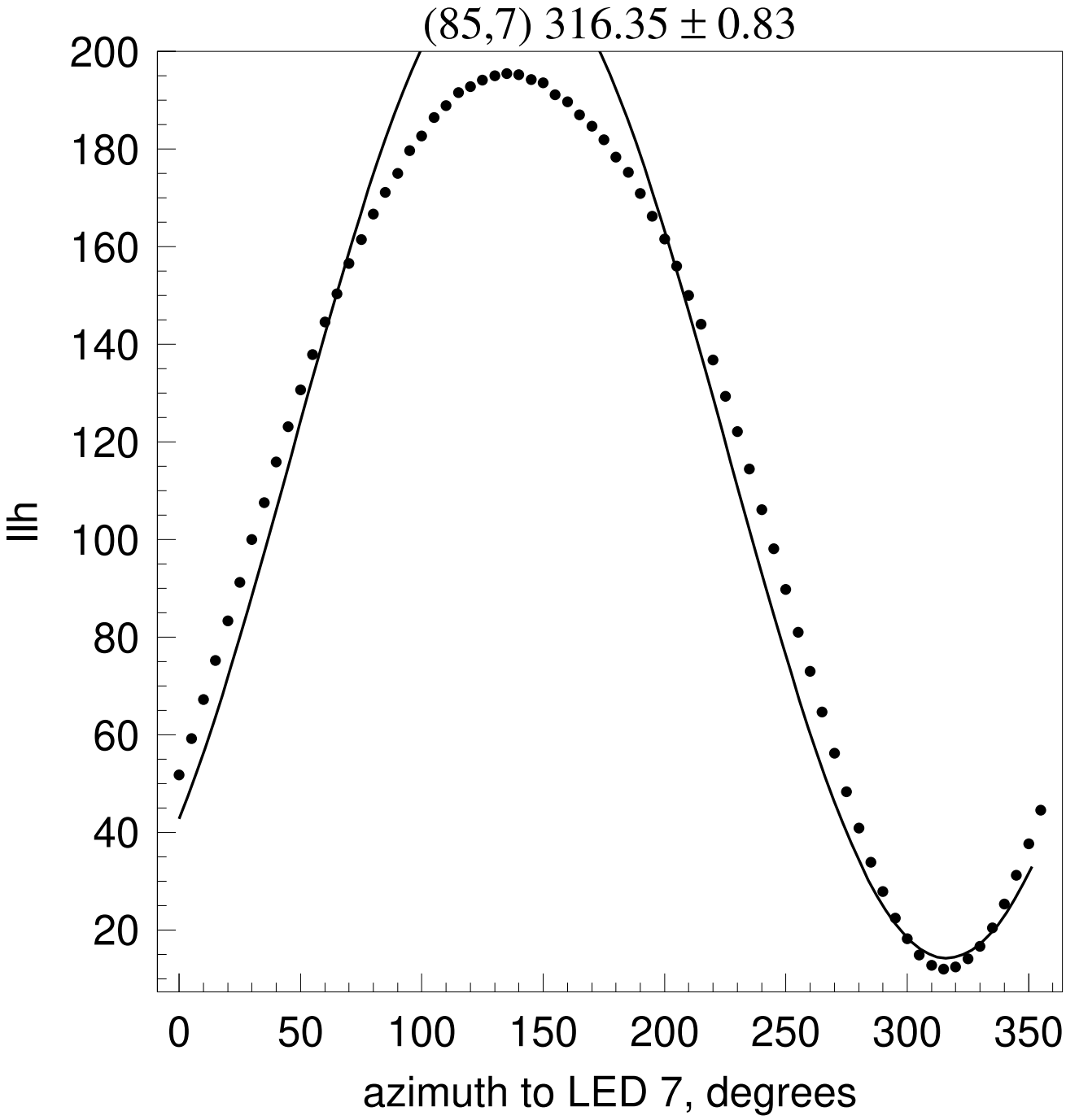

(85,2) 345.29 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

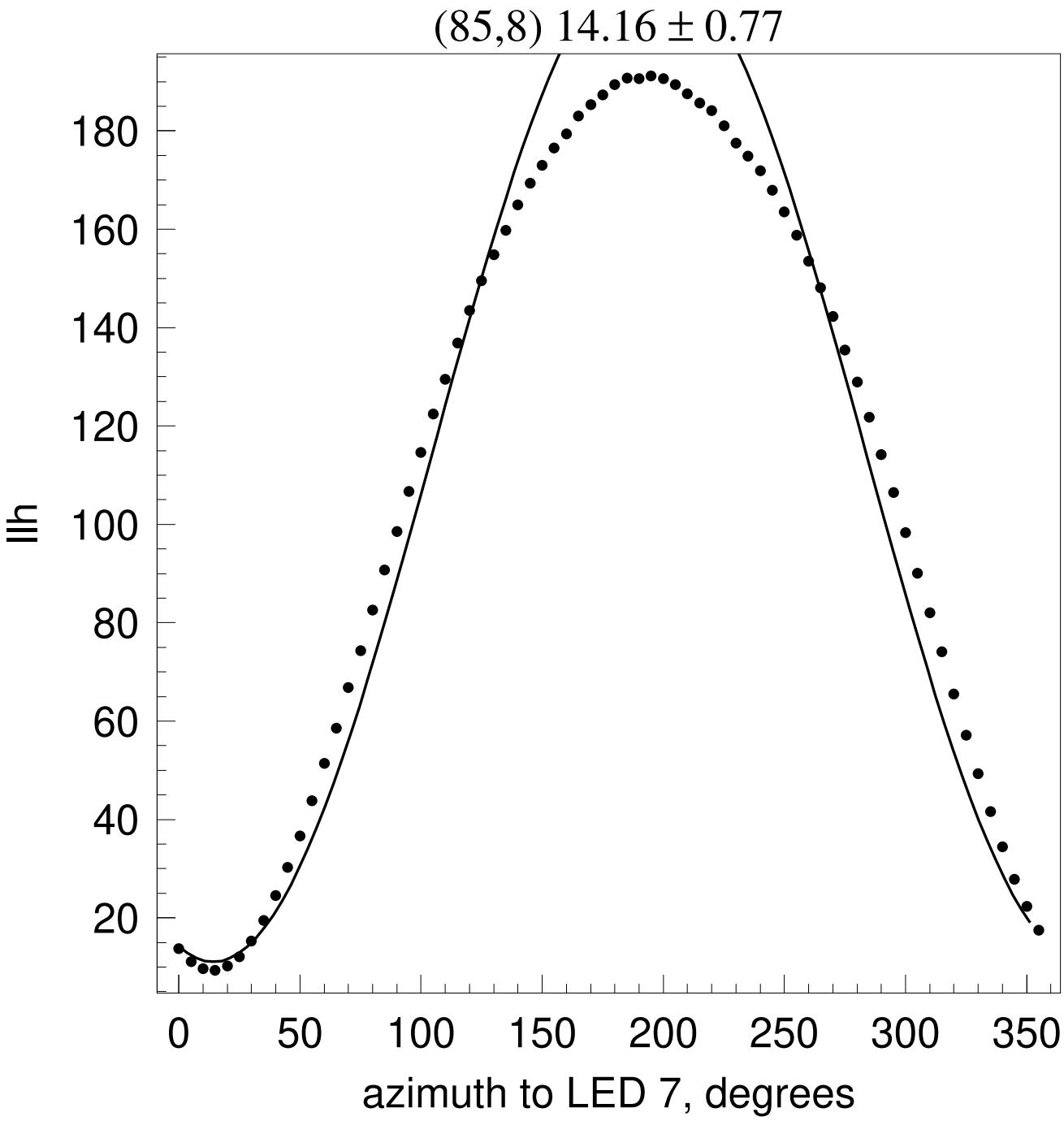

(85,3) 329.77 ± 0.49
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

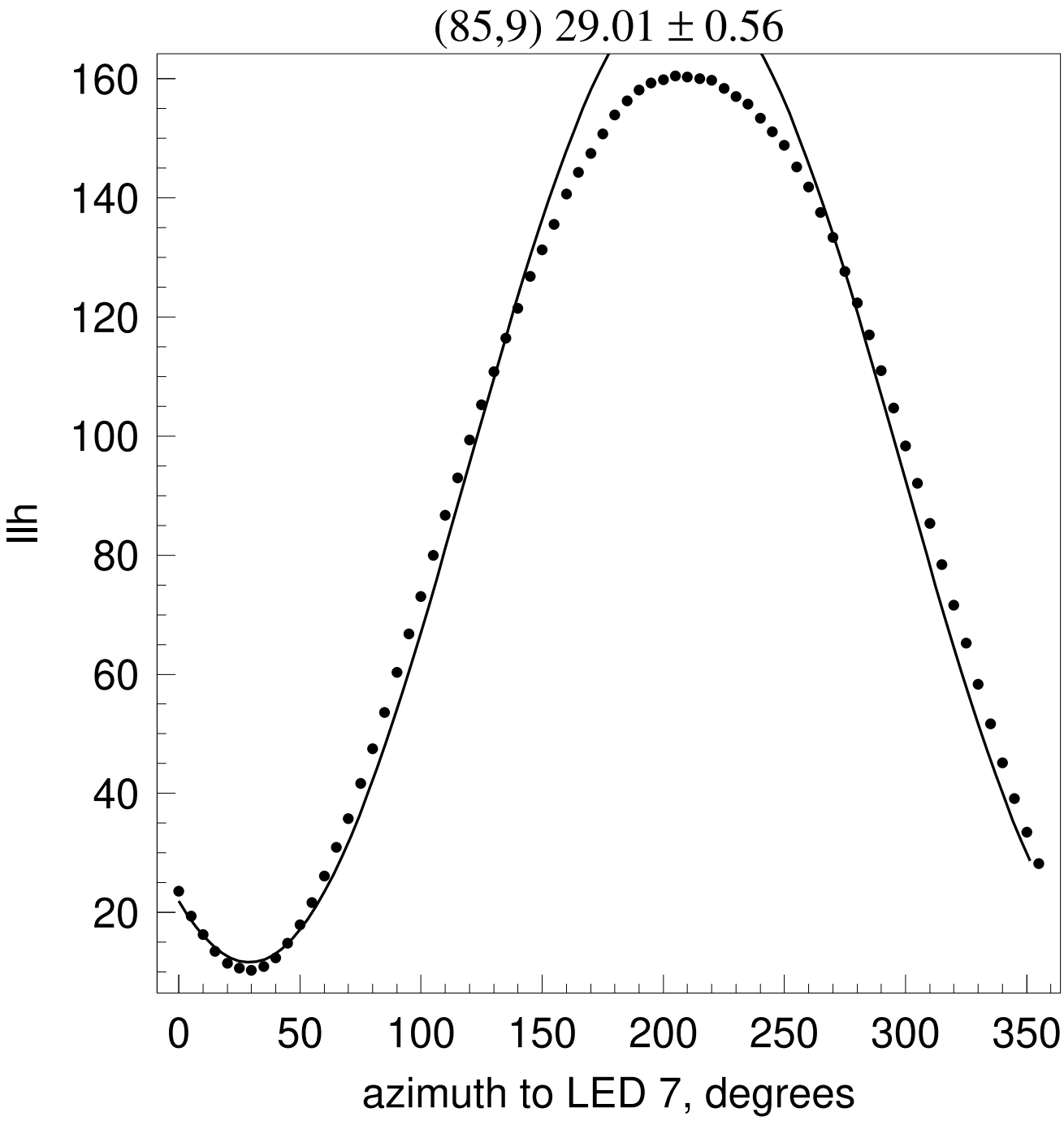

(85,4) 22.18 ± 0.63
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

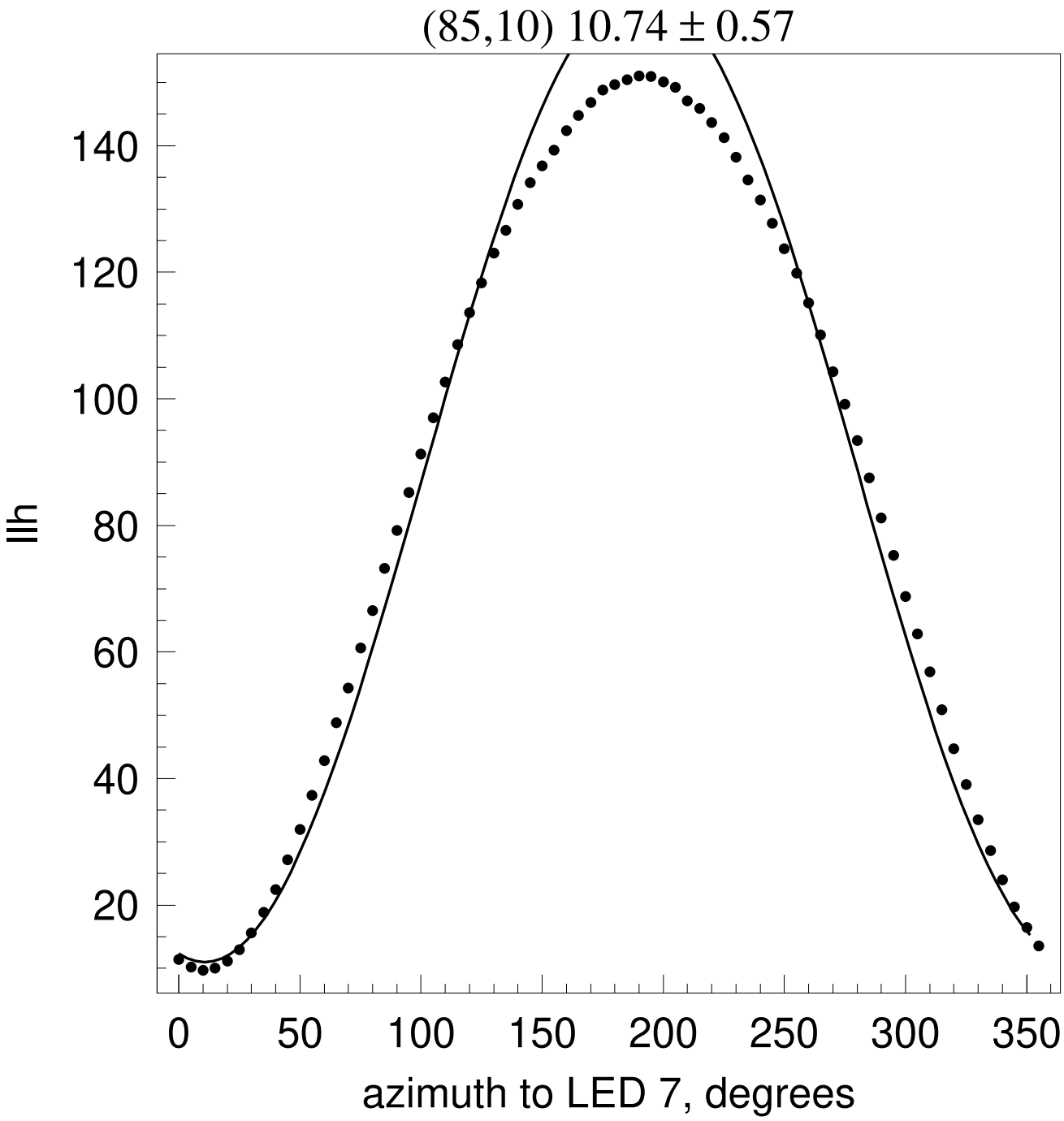

(85,5) 320.82 ± 0.71
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

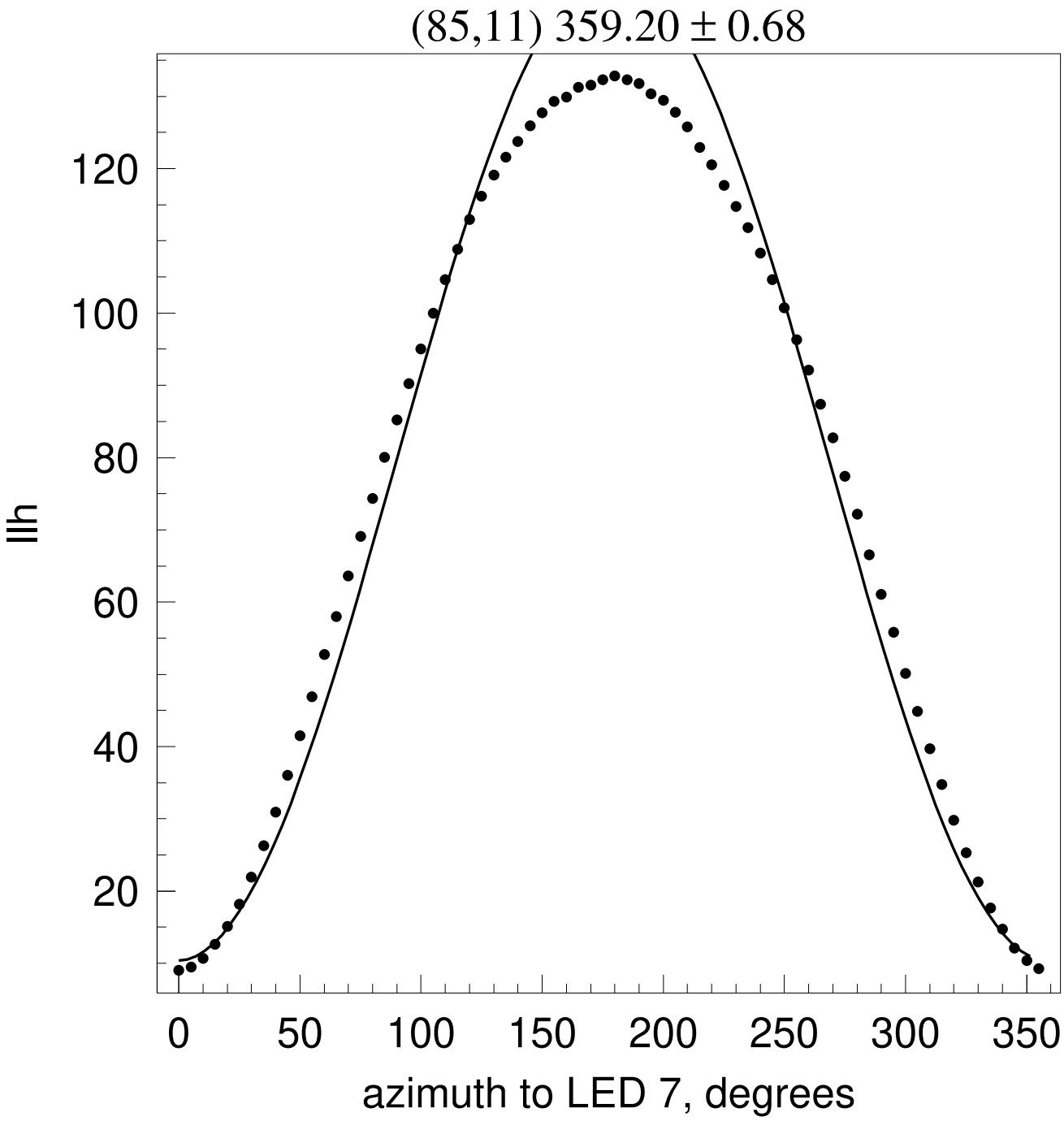

(85,6) 306.00 ± 0.78
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

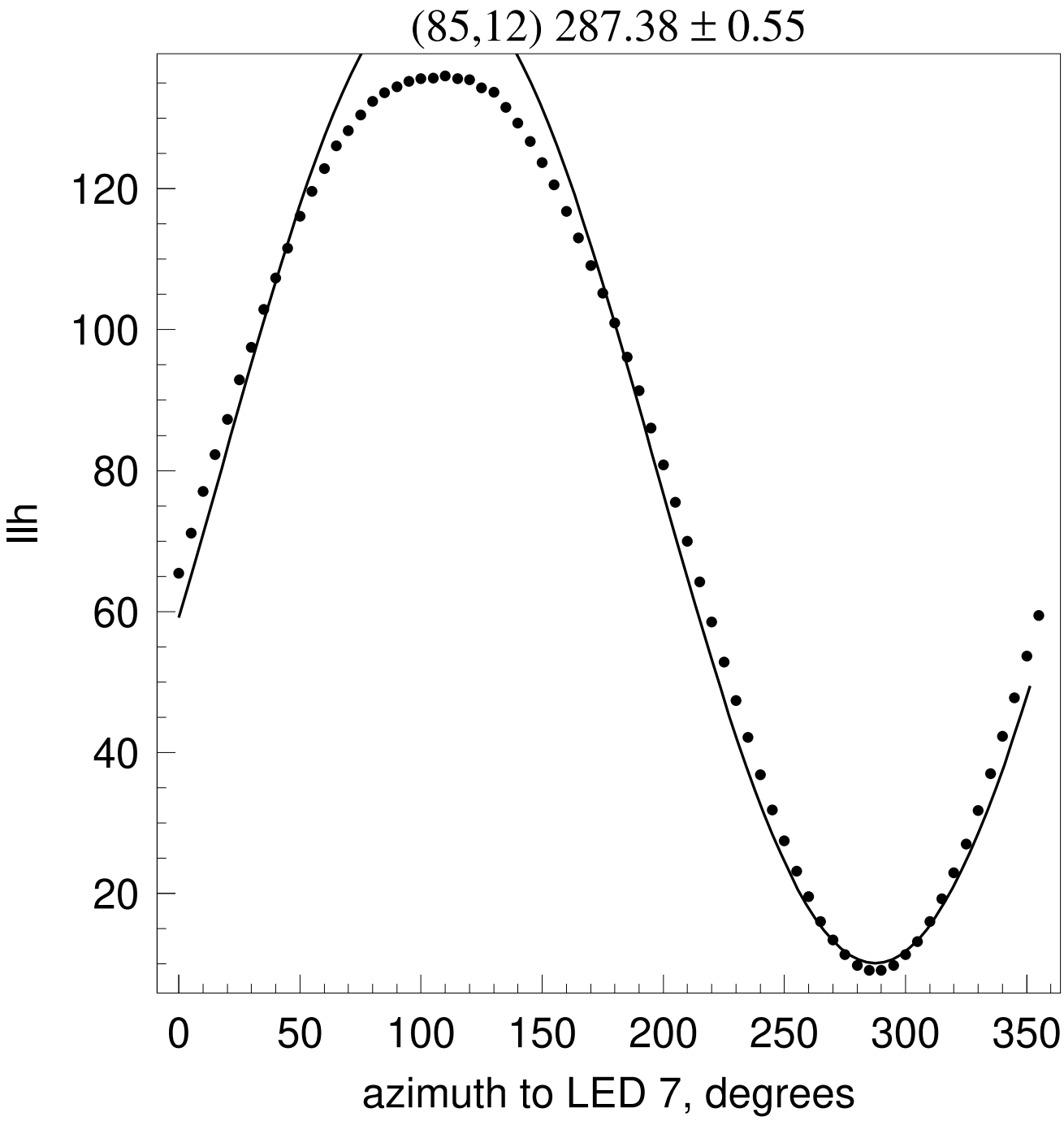

(85,7) 316.35 ± 0.83
200
180
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

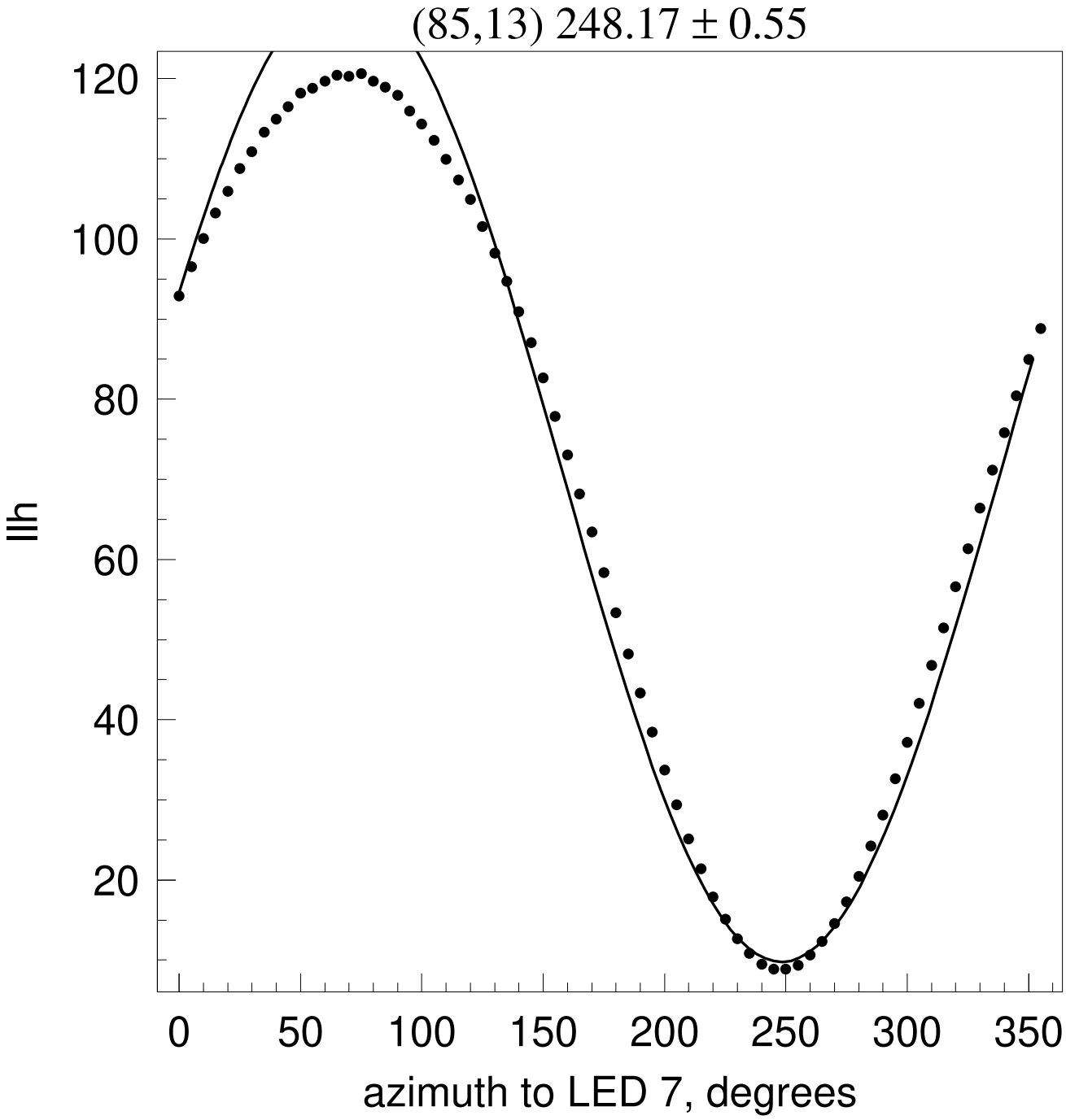

(85,8) 14.16 ± 0.77
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

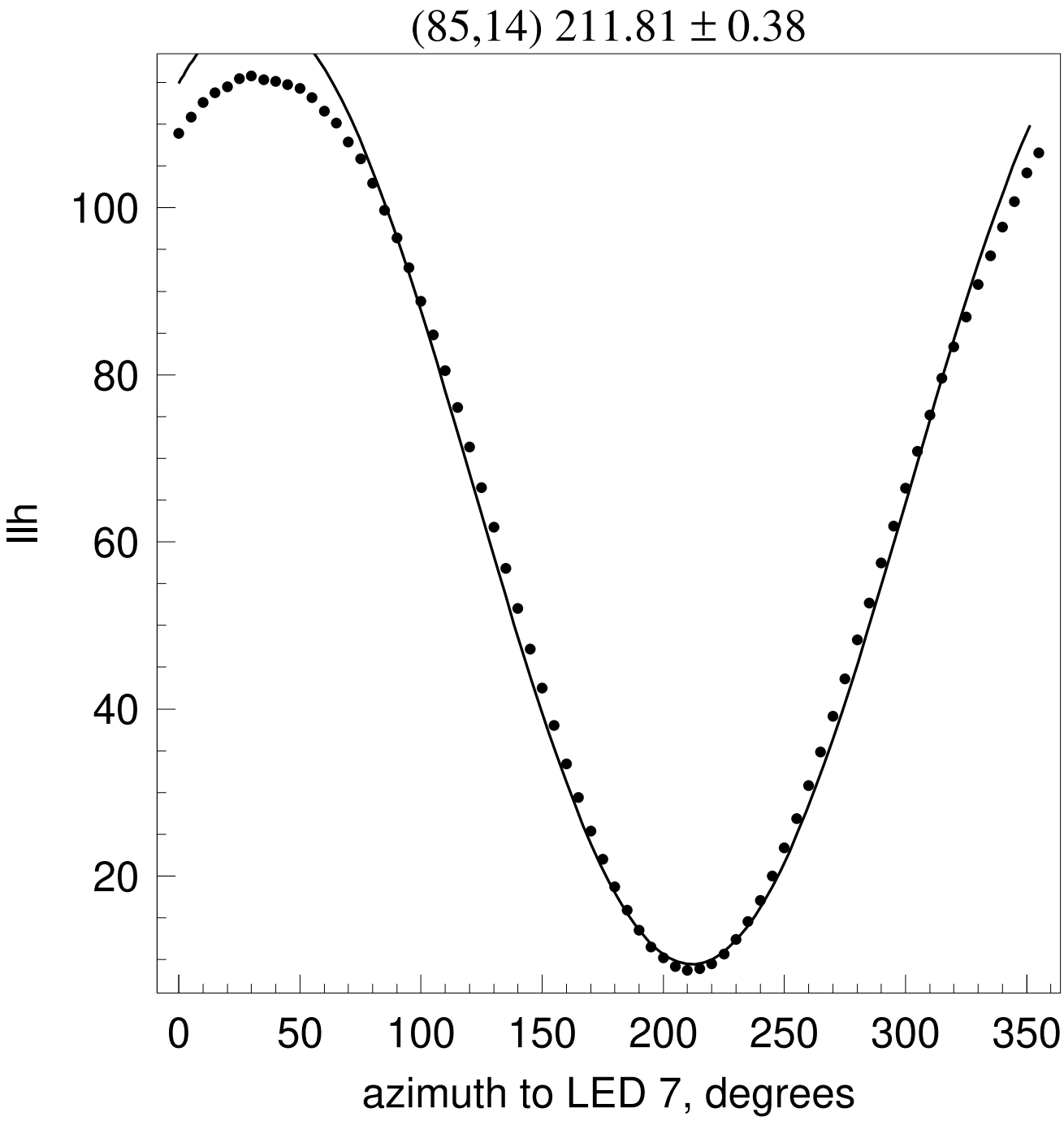

(85,9) 29.01 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

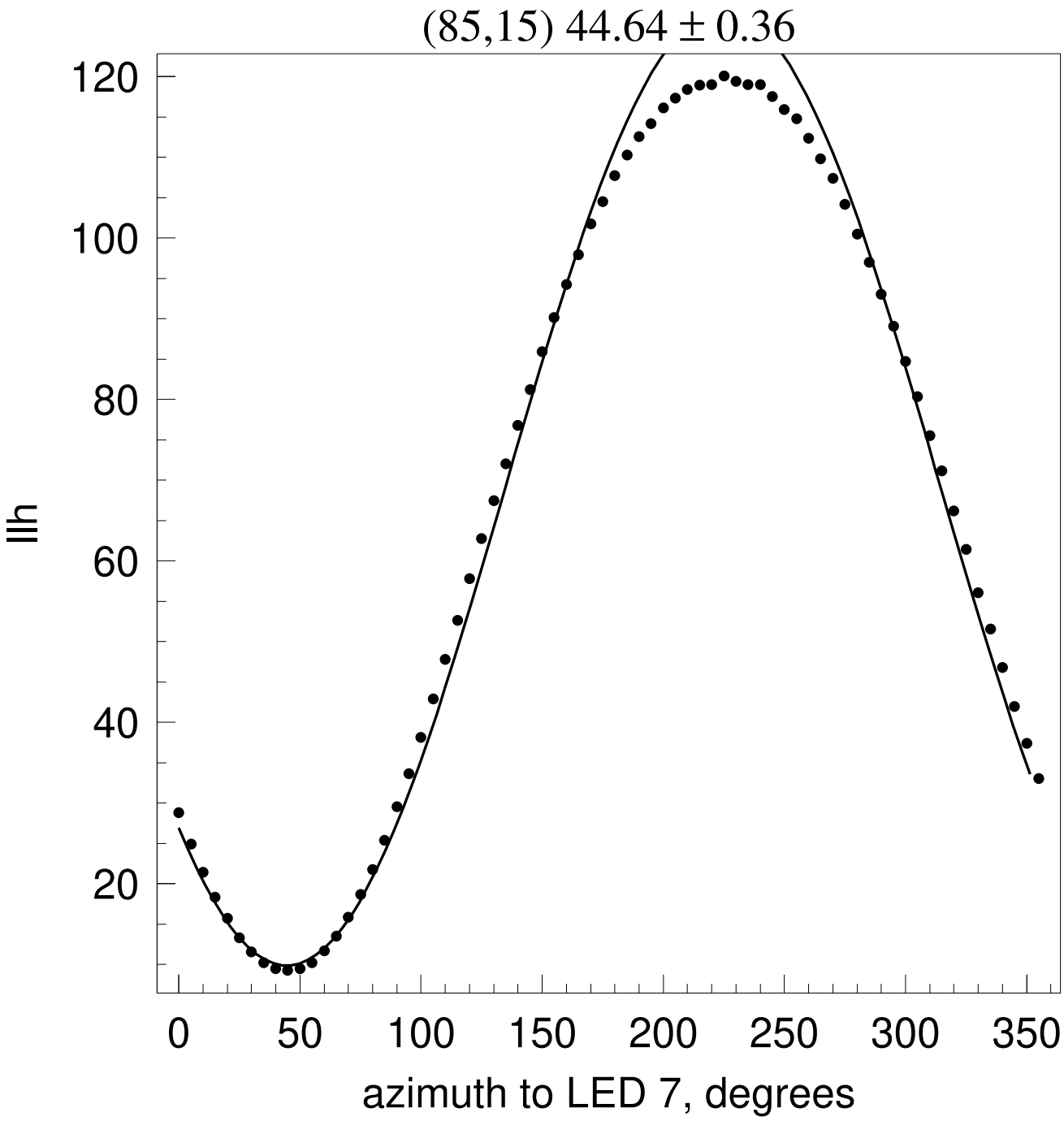

(85,10) 10.74 ± 0.57
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

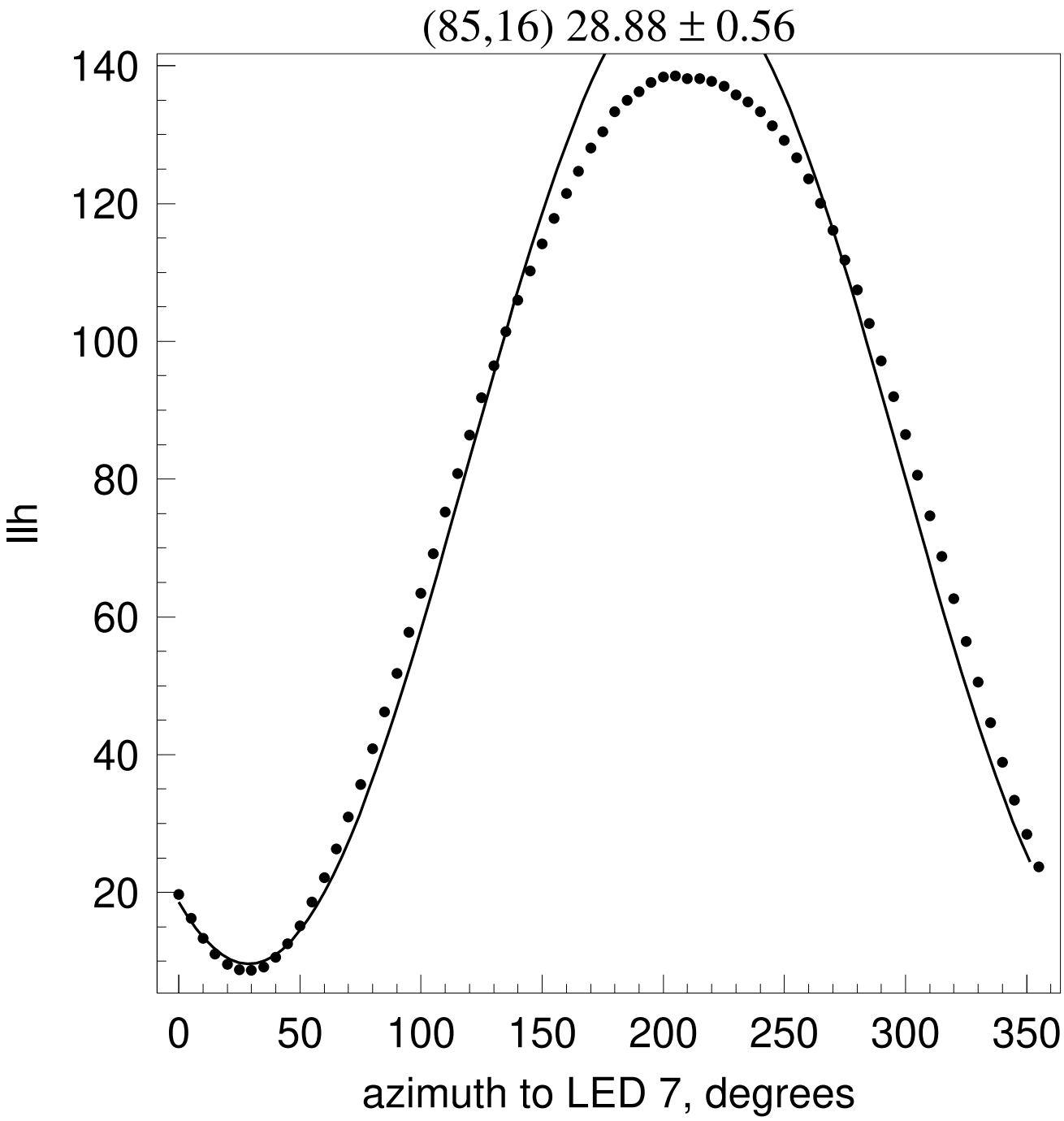

(85,11) 359.20 ± 0.68
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

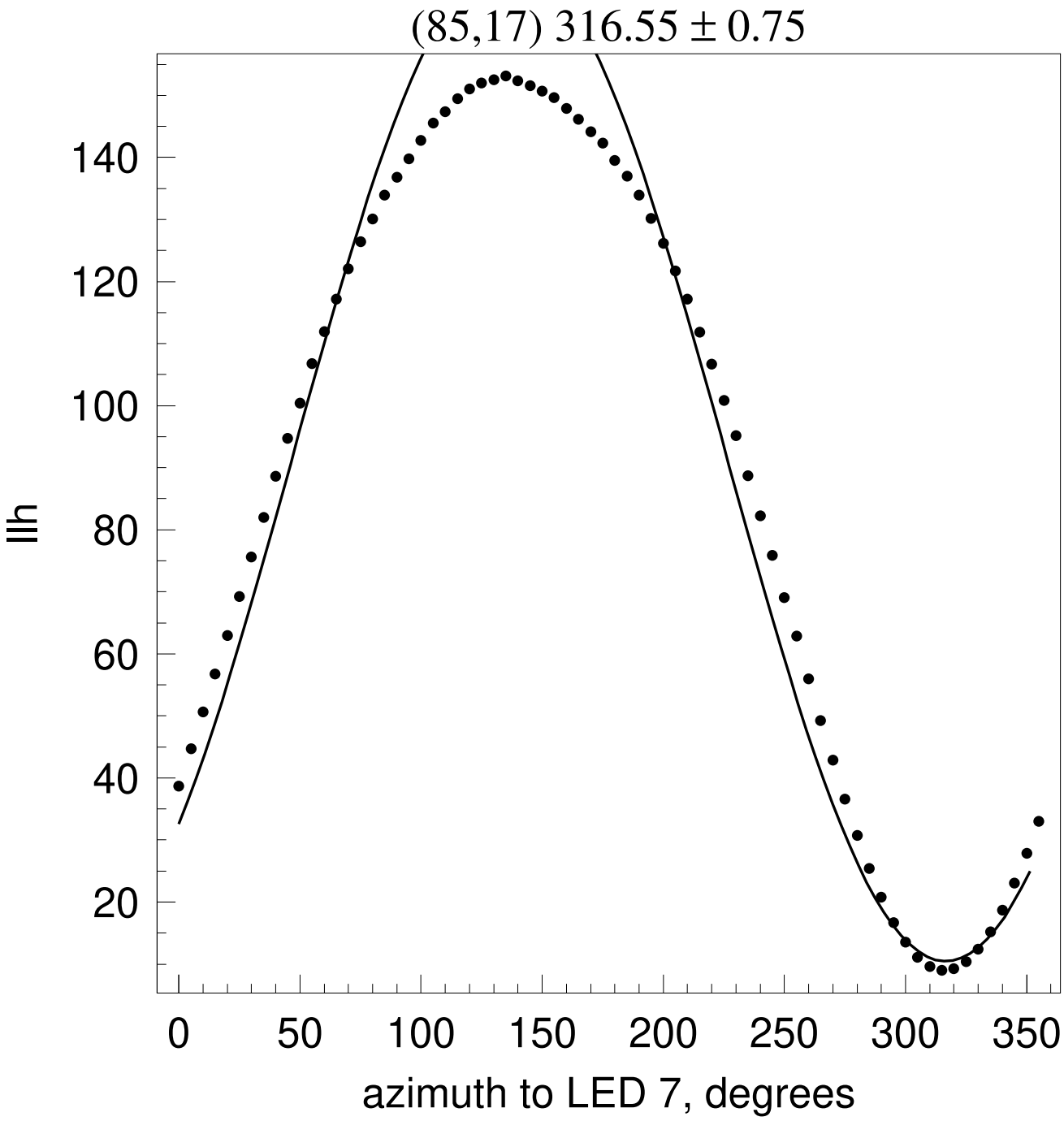

(85,12) 287.38 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

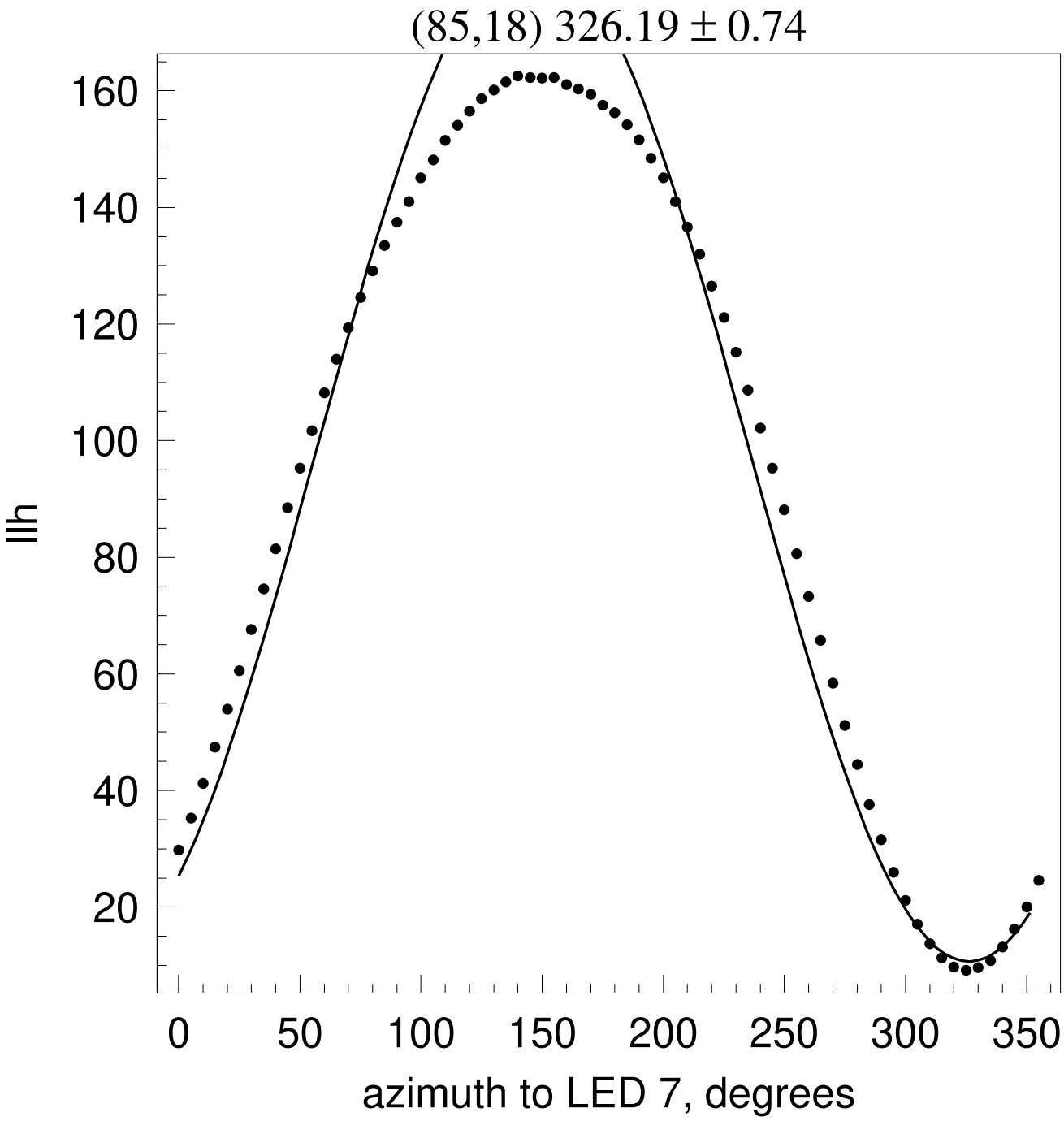

(85,13) 248.17 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

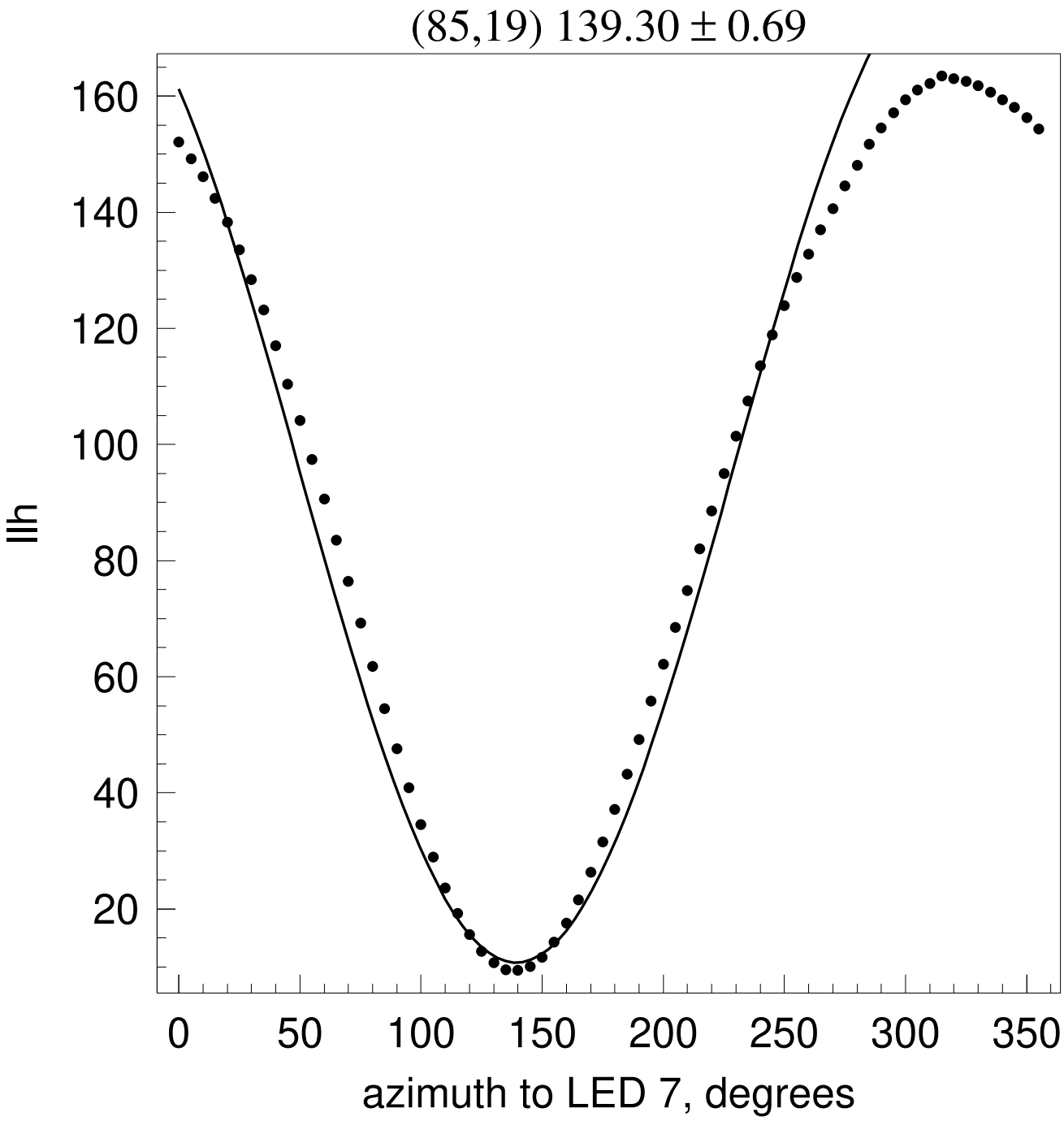

(85,14) 211.81 ± 0.38
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

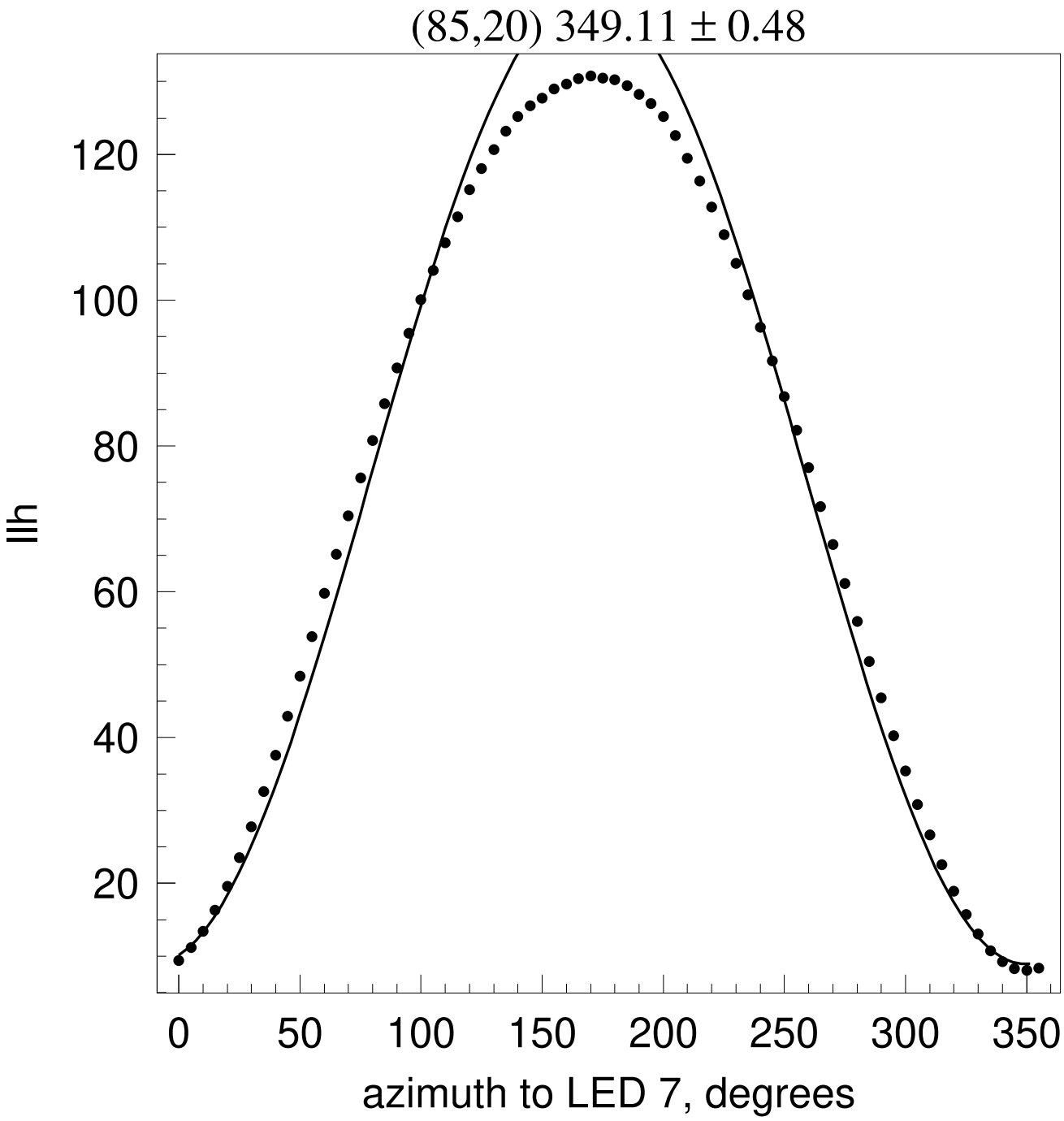

(85,15) 44.64 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

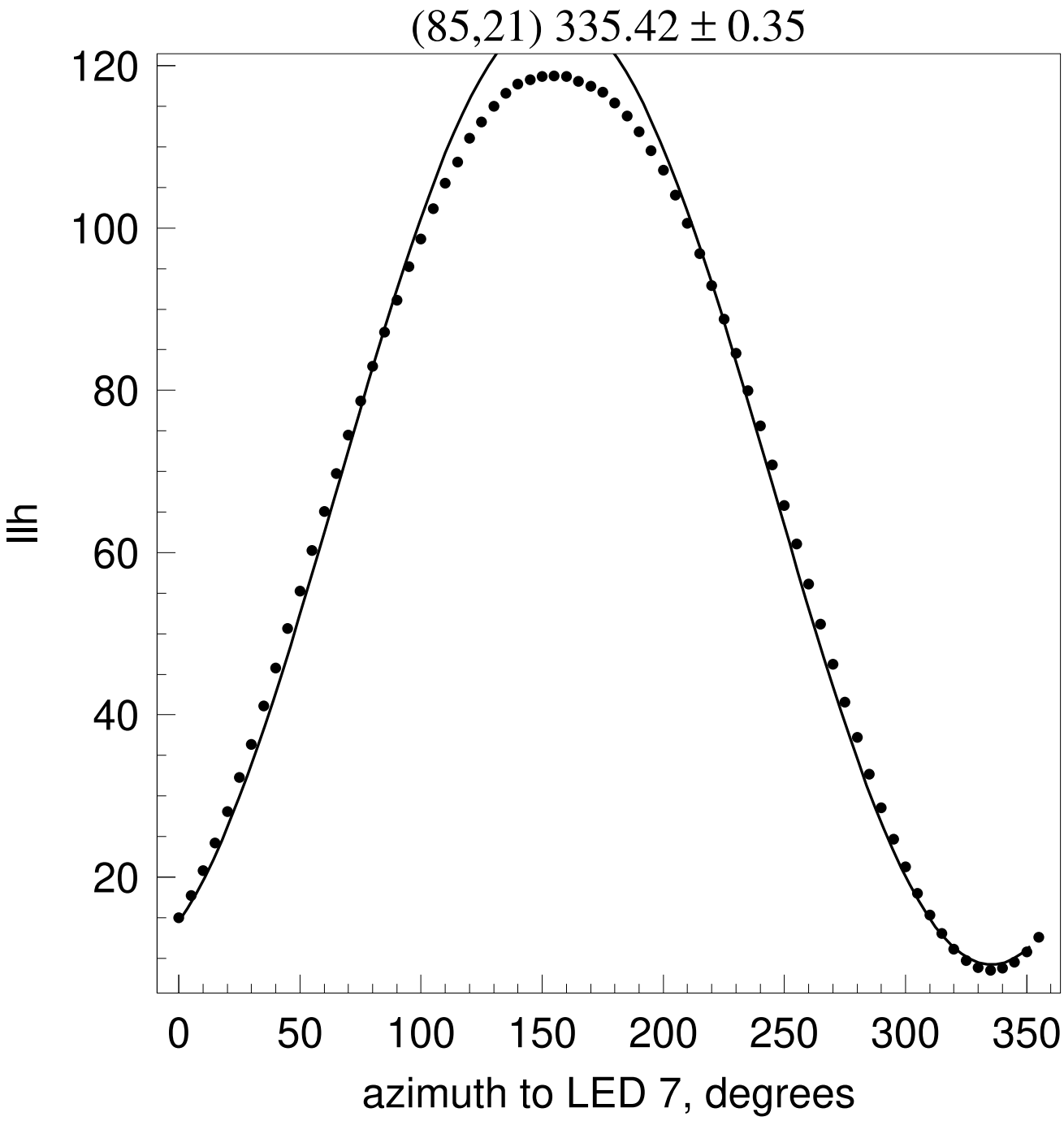

(85,16) 28.88 ± 0.56
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

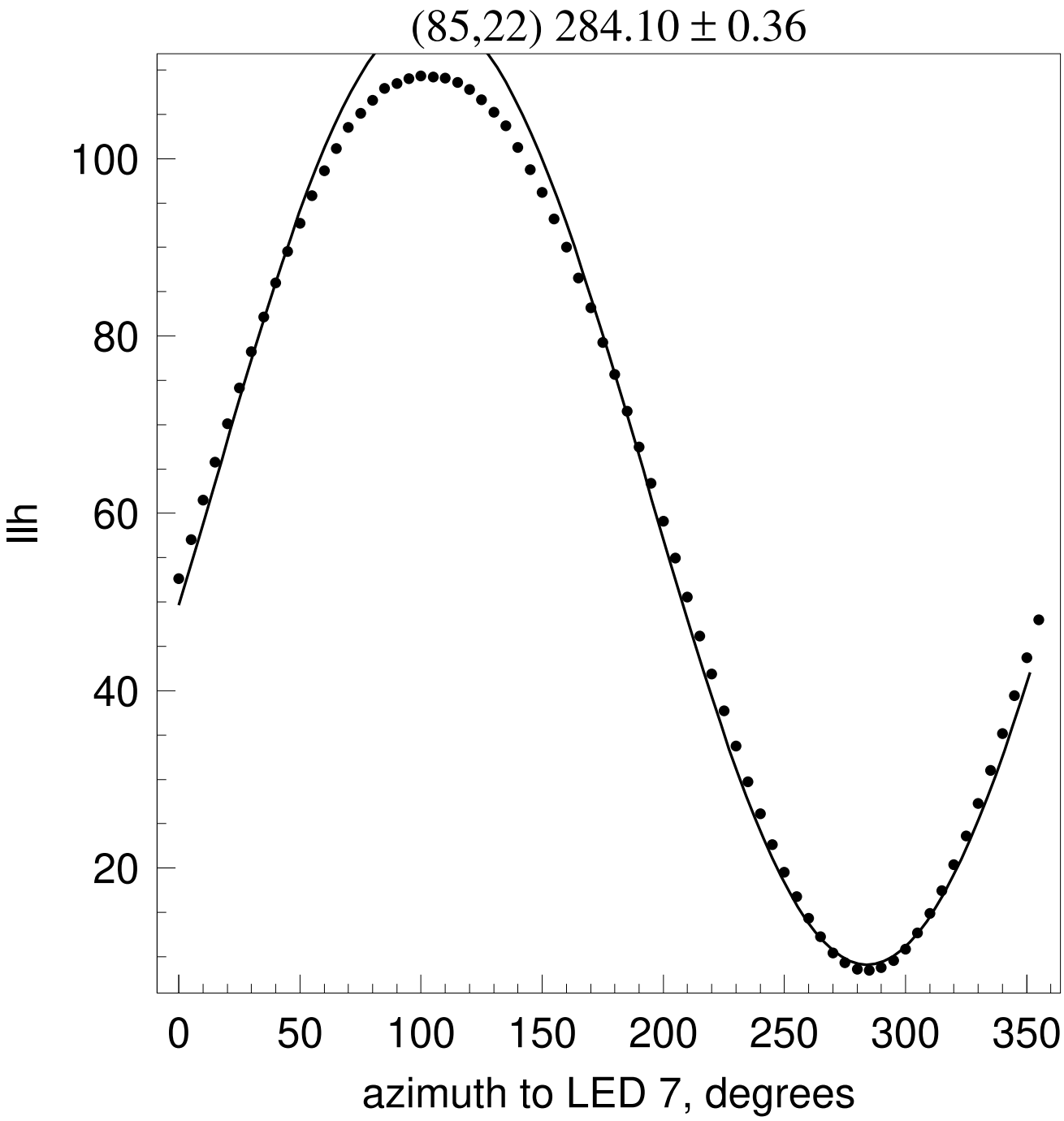

(85,17) 316.55 ± 0.75
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

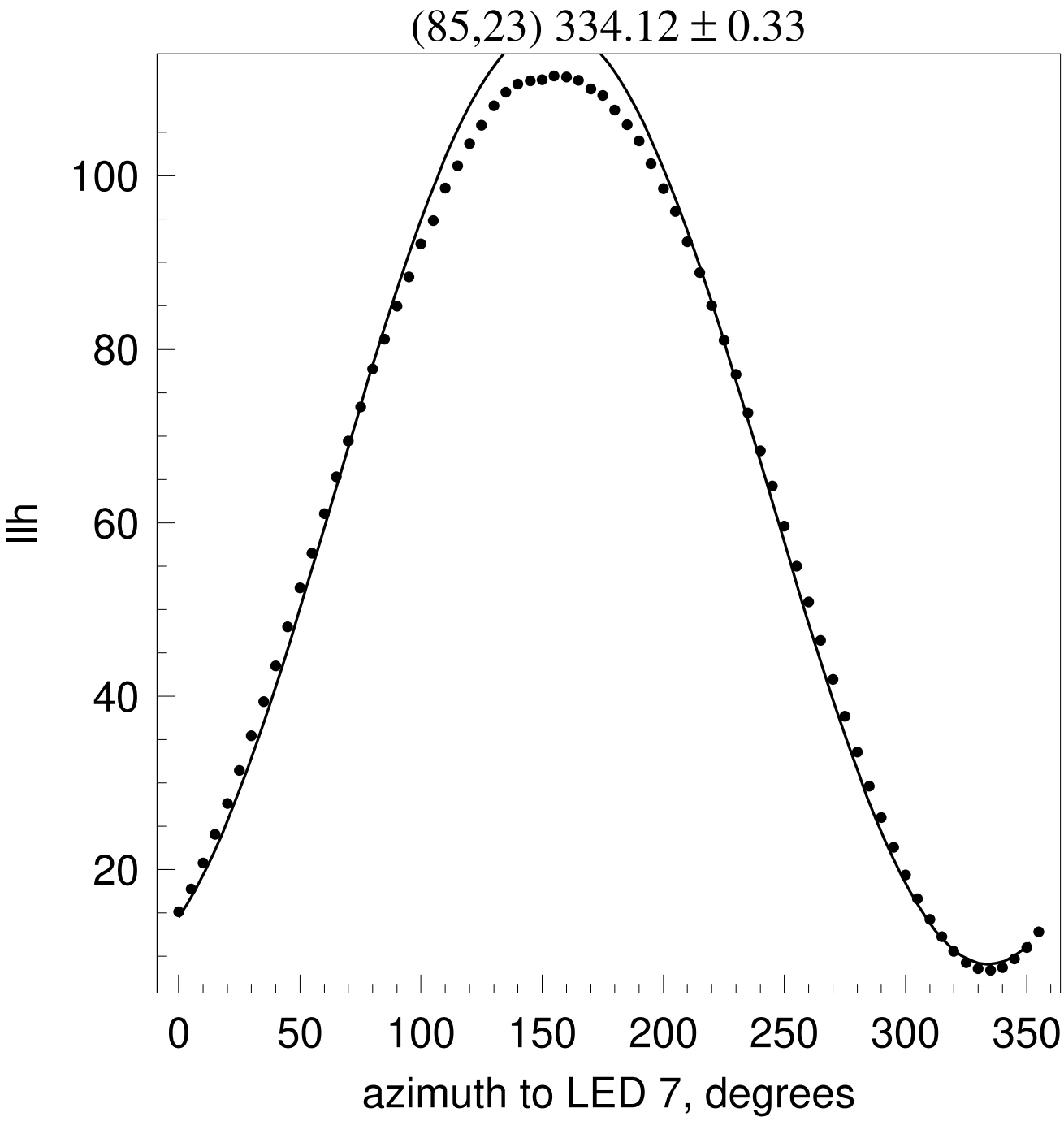

(85,18) 326.19 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

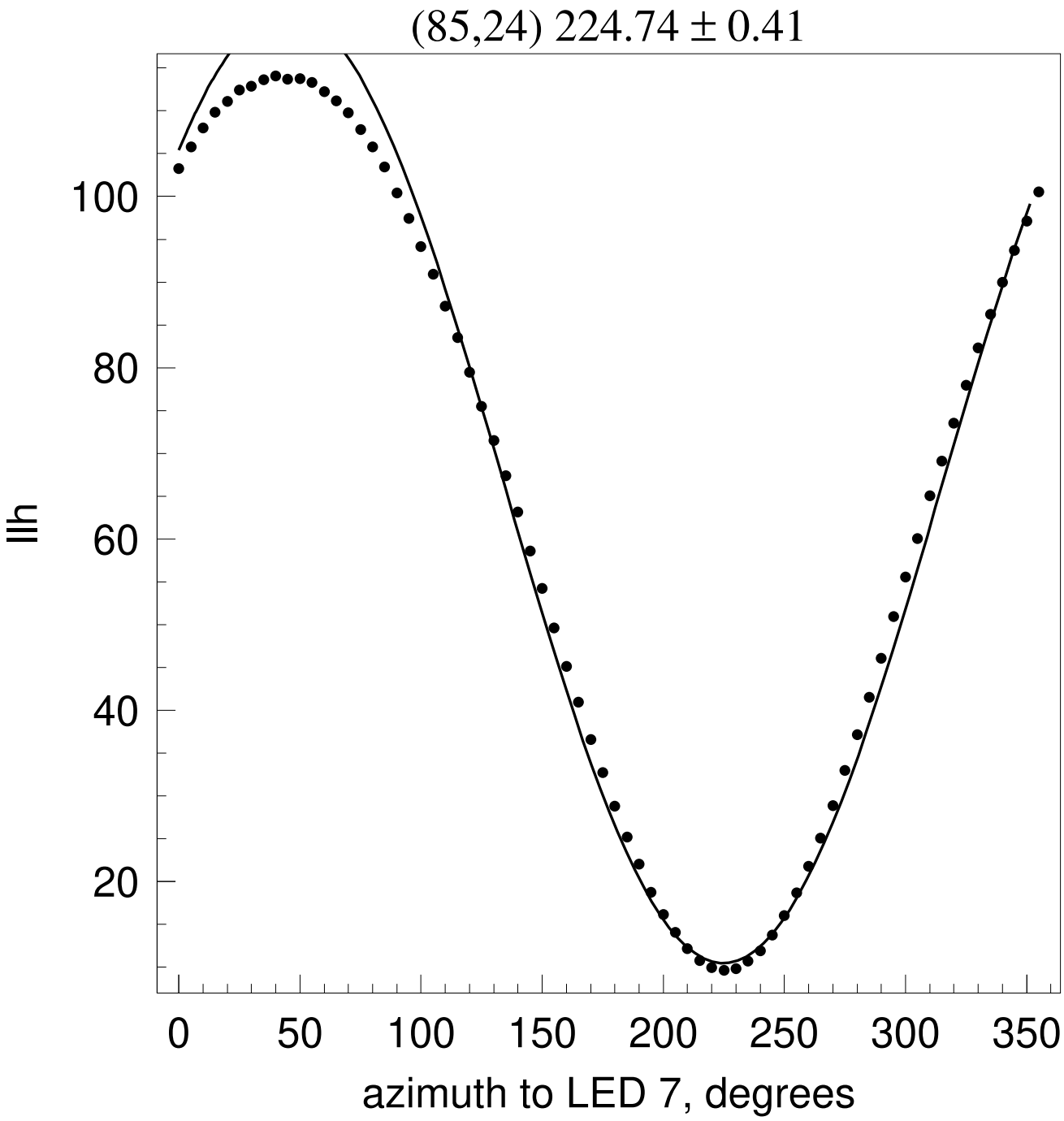

(85,19) 139.30 ± 0.69
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

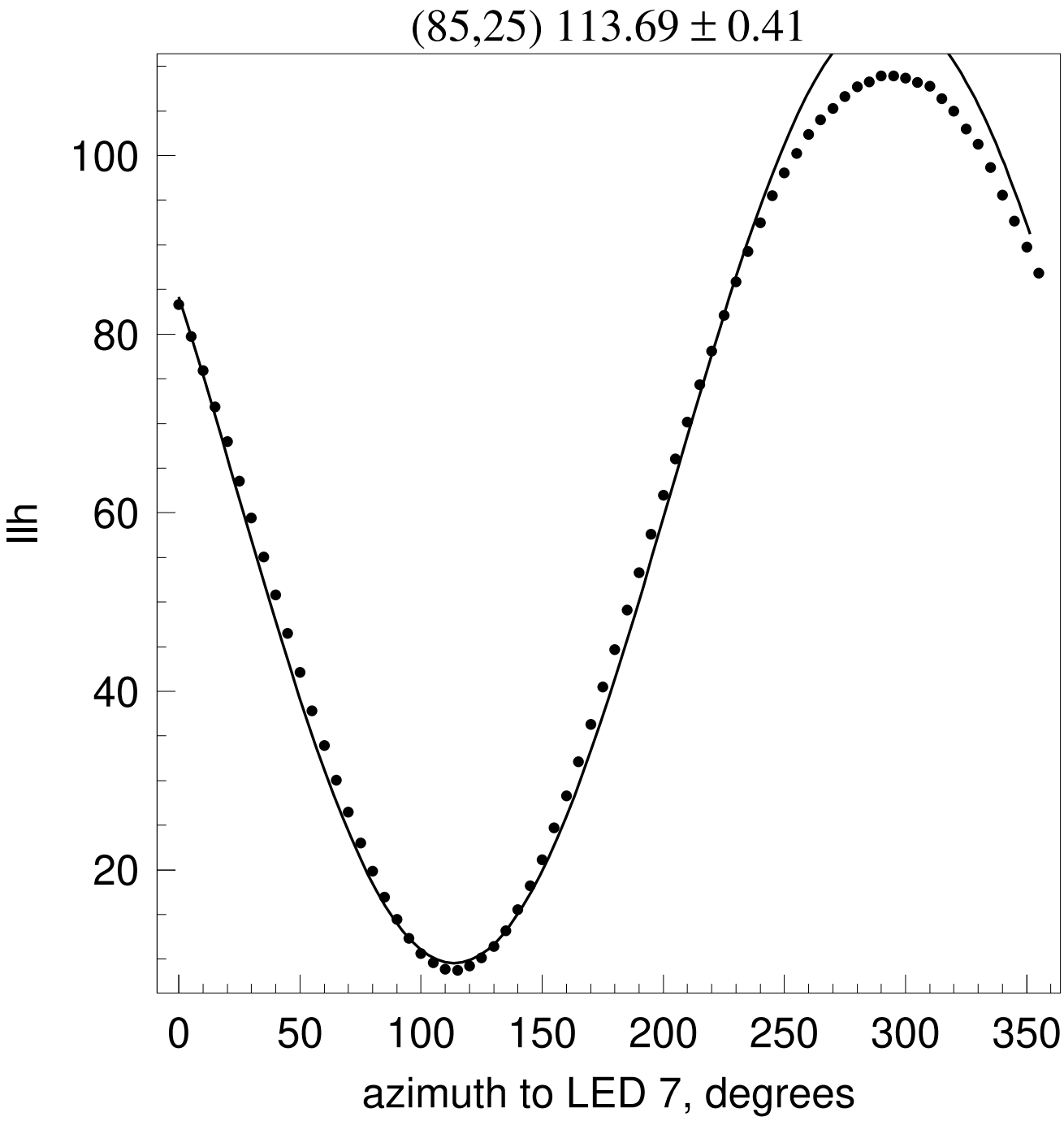

(85,20) 349.11 ± 0.48
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

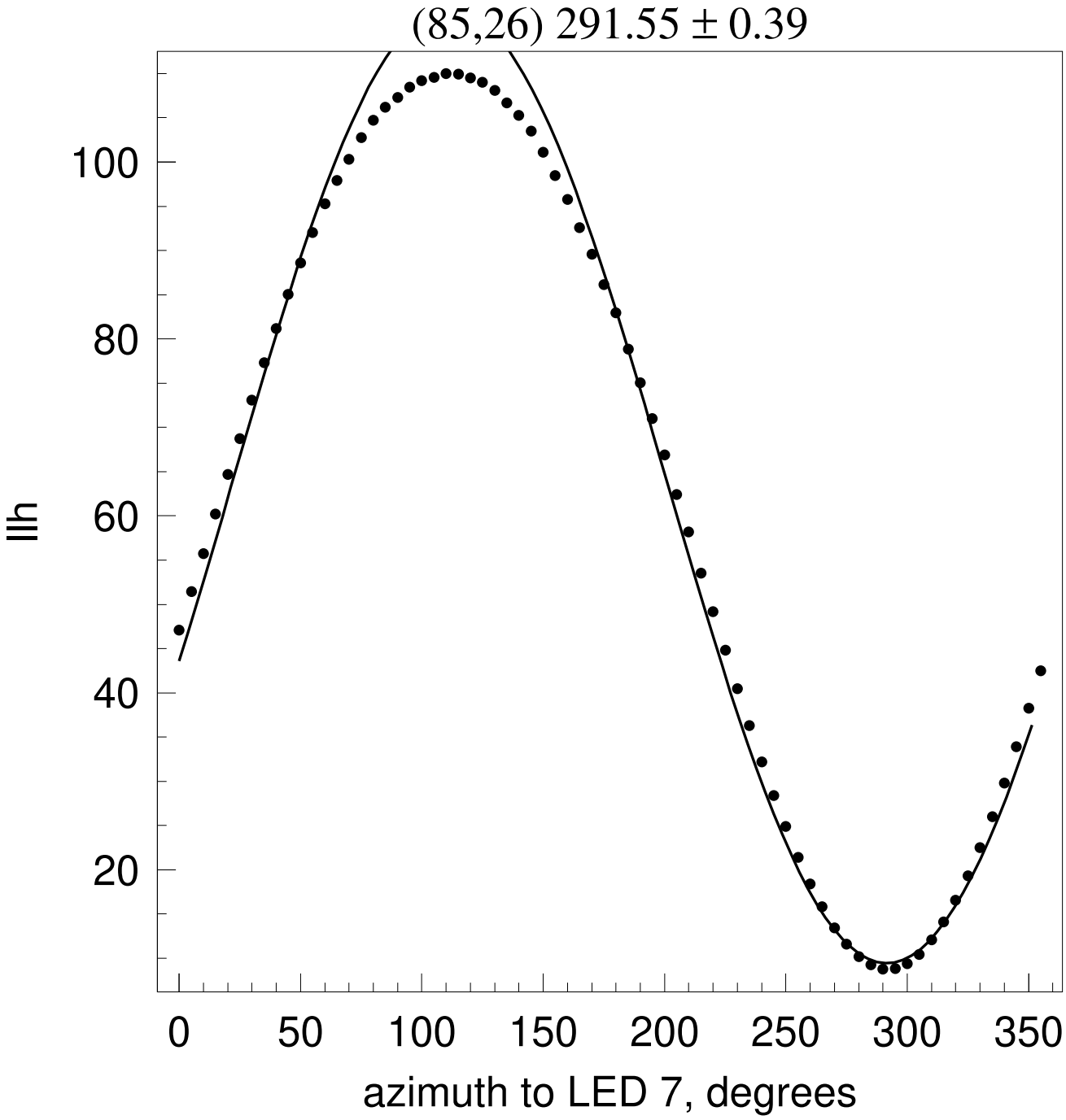

(85,21) 335.42 ± 0.35
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

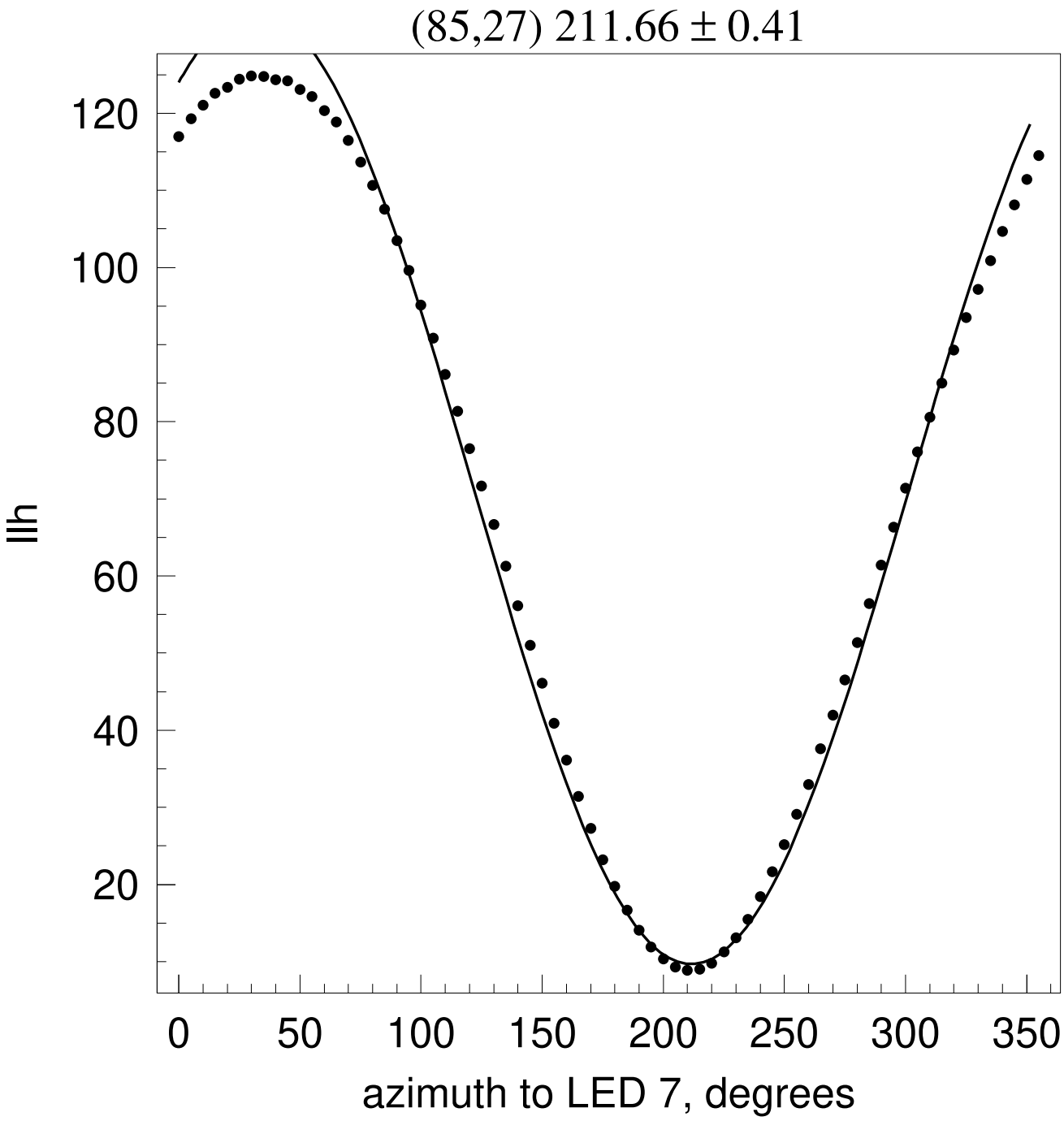

(85,22) 284.10 ± 0.36
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

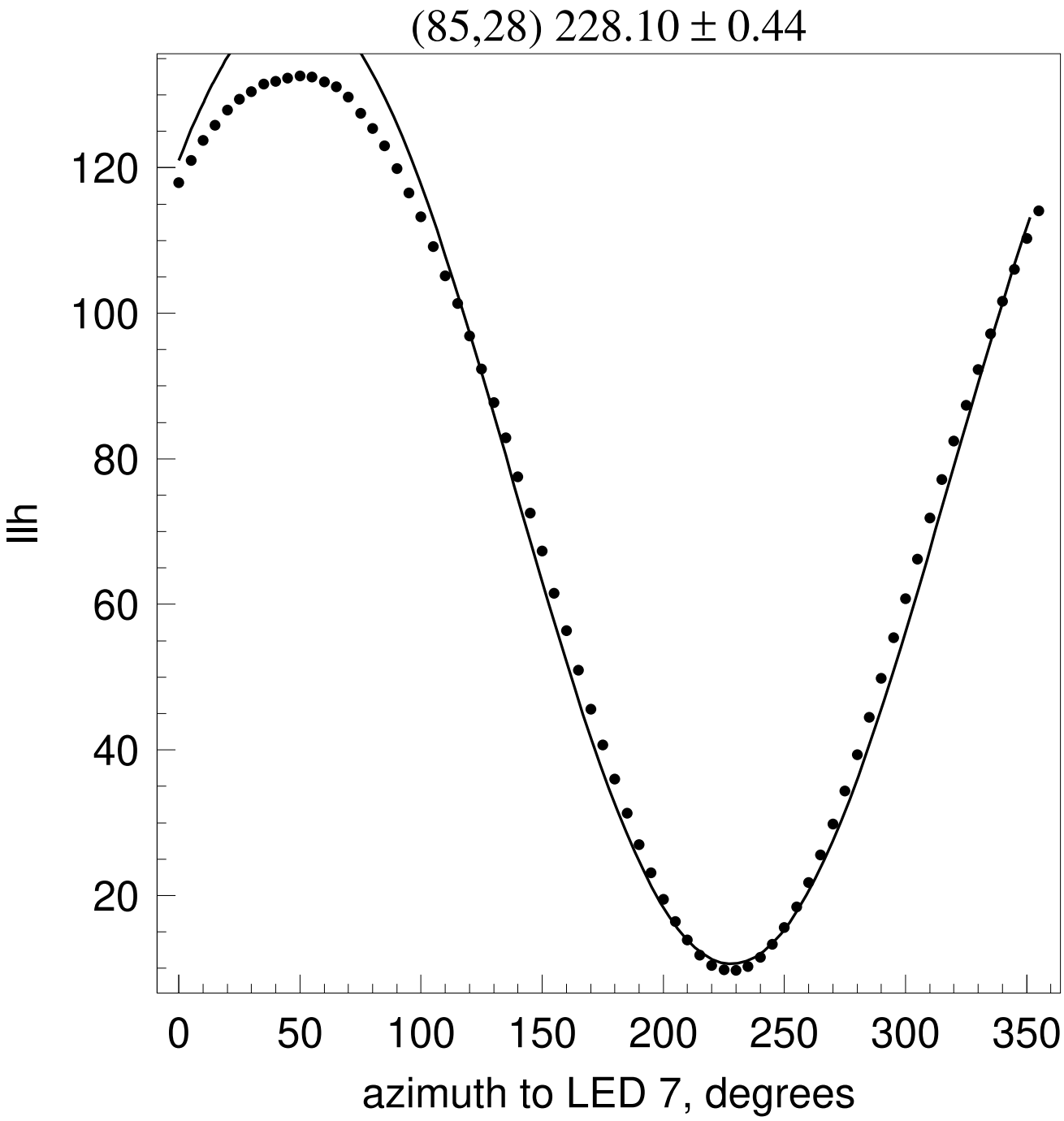

(85,23) 334.12 ± 0.33
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

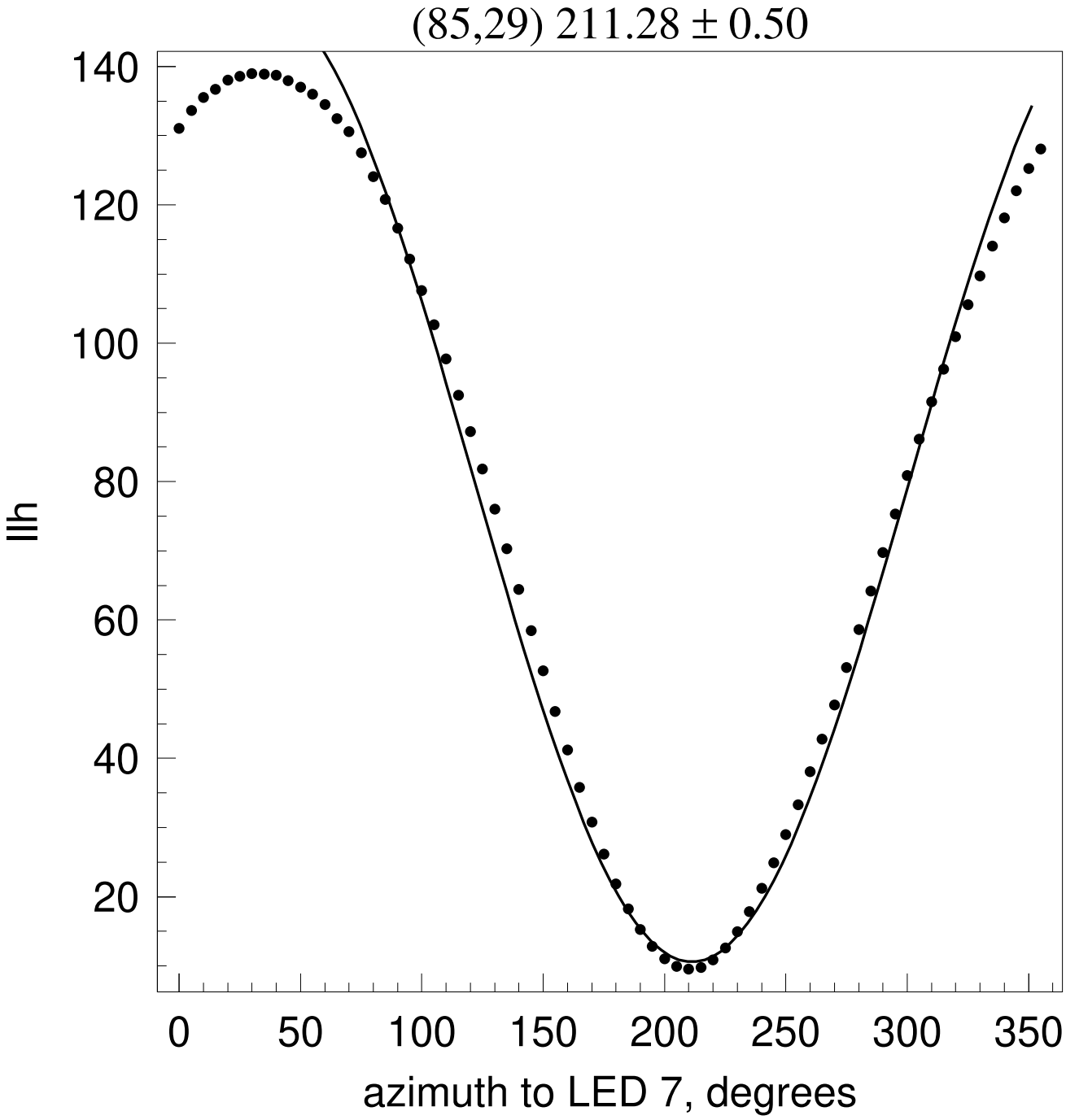

(85,24) 224.74 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

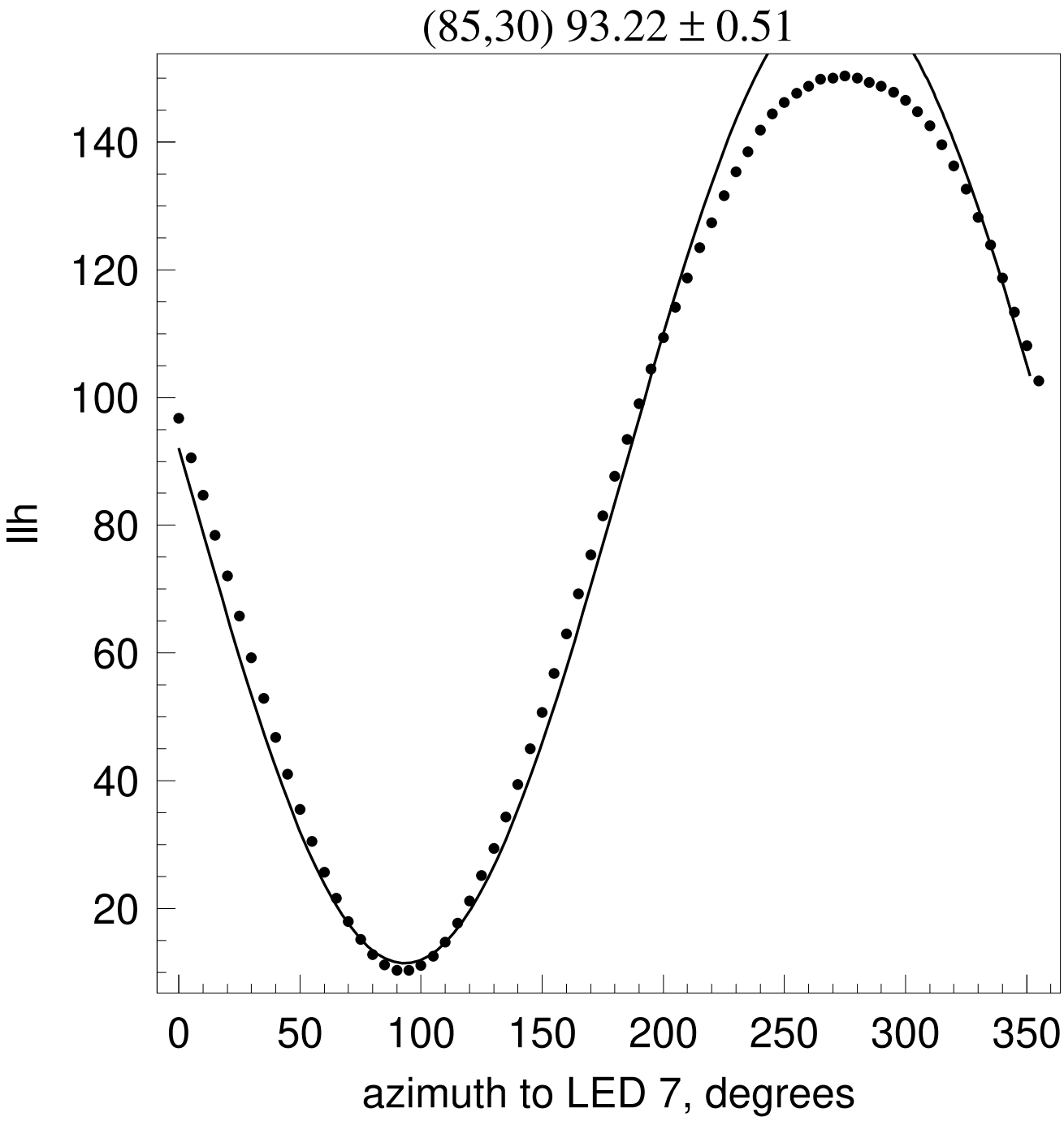

(85,25) 113.69 ± 0.41
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

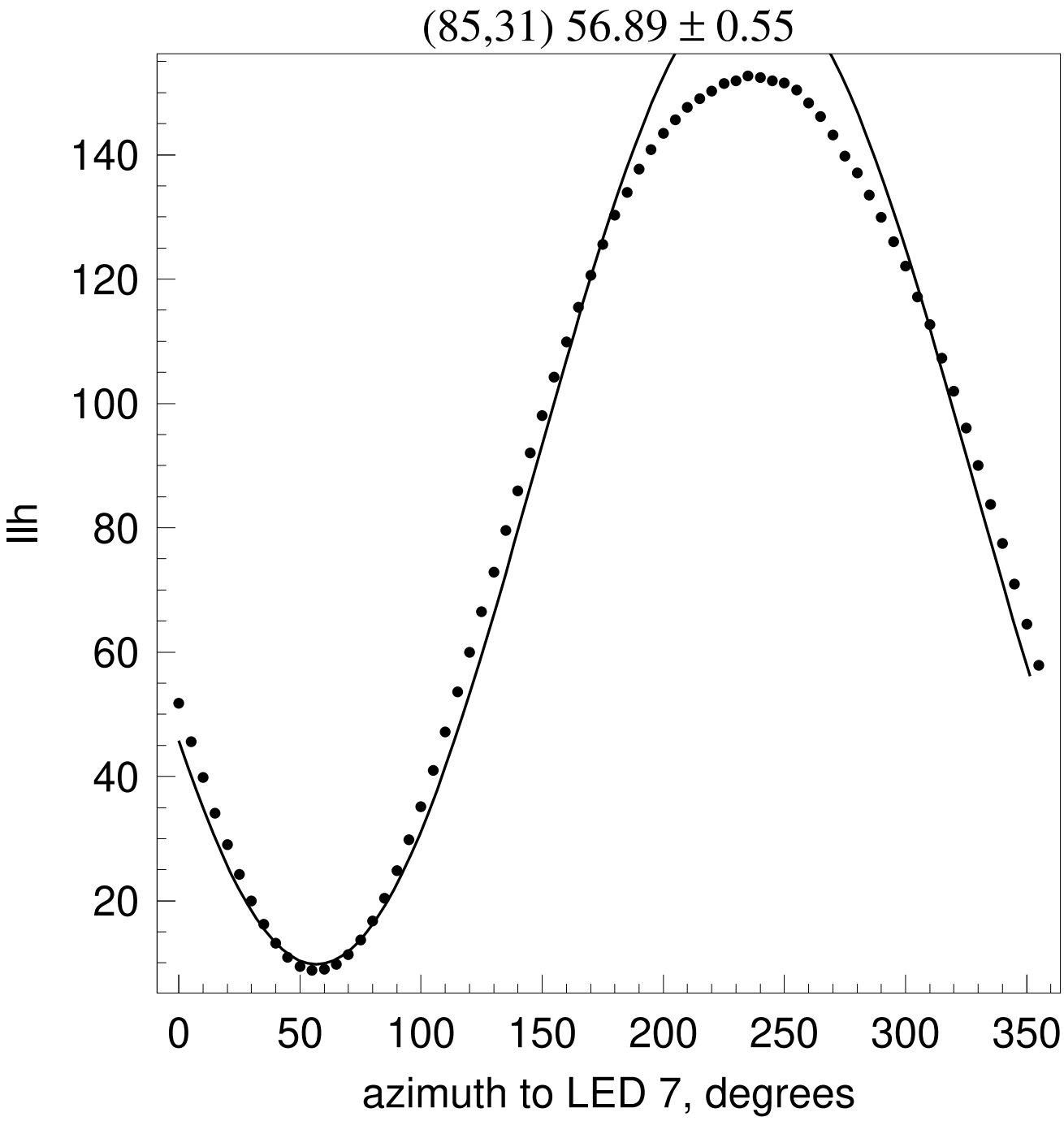

(85,26) 291.55 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

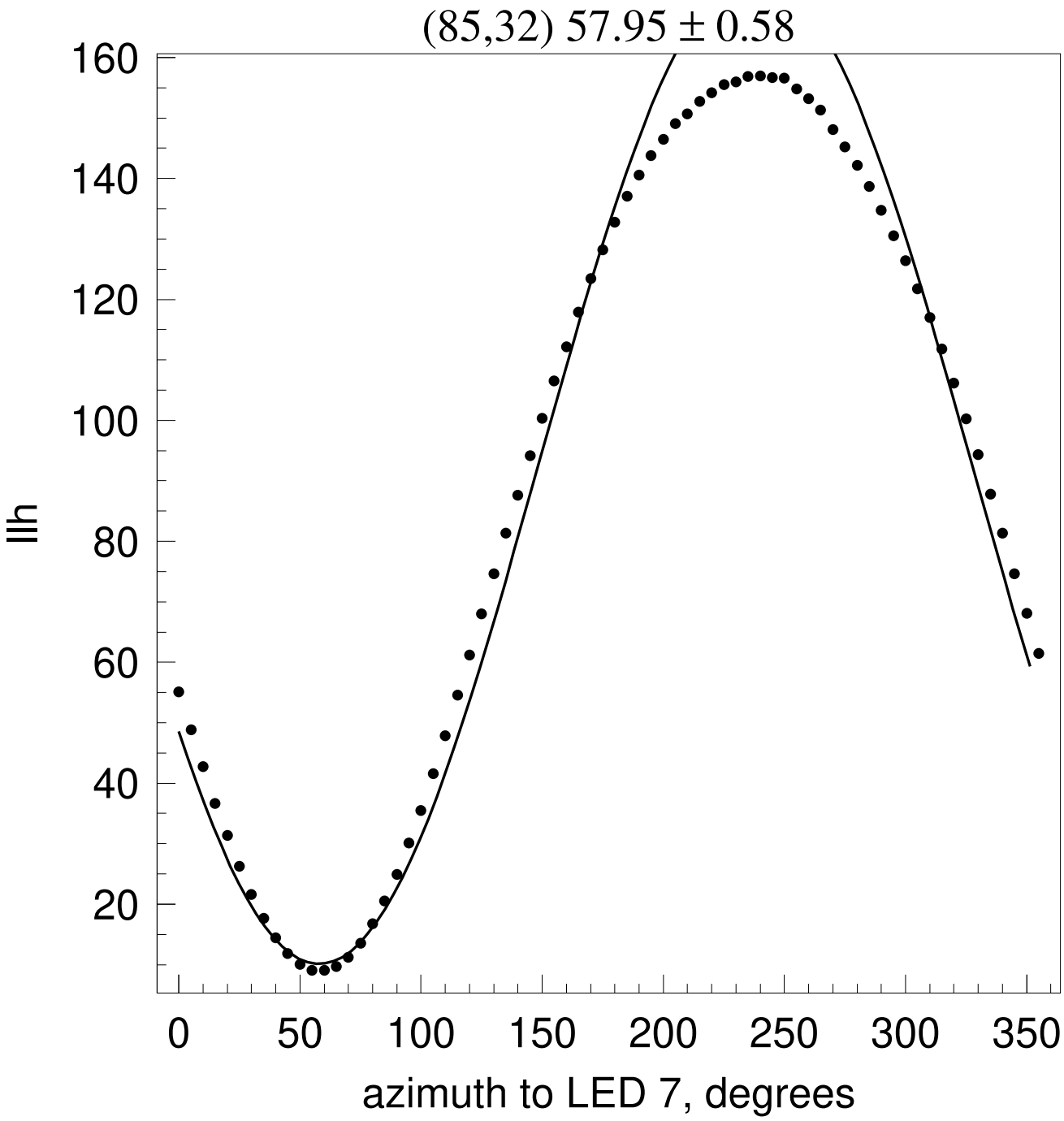

(85,27) 211.66 ± 0.41
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

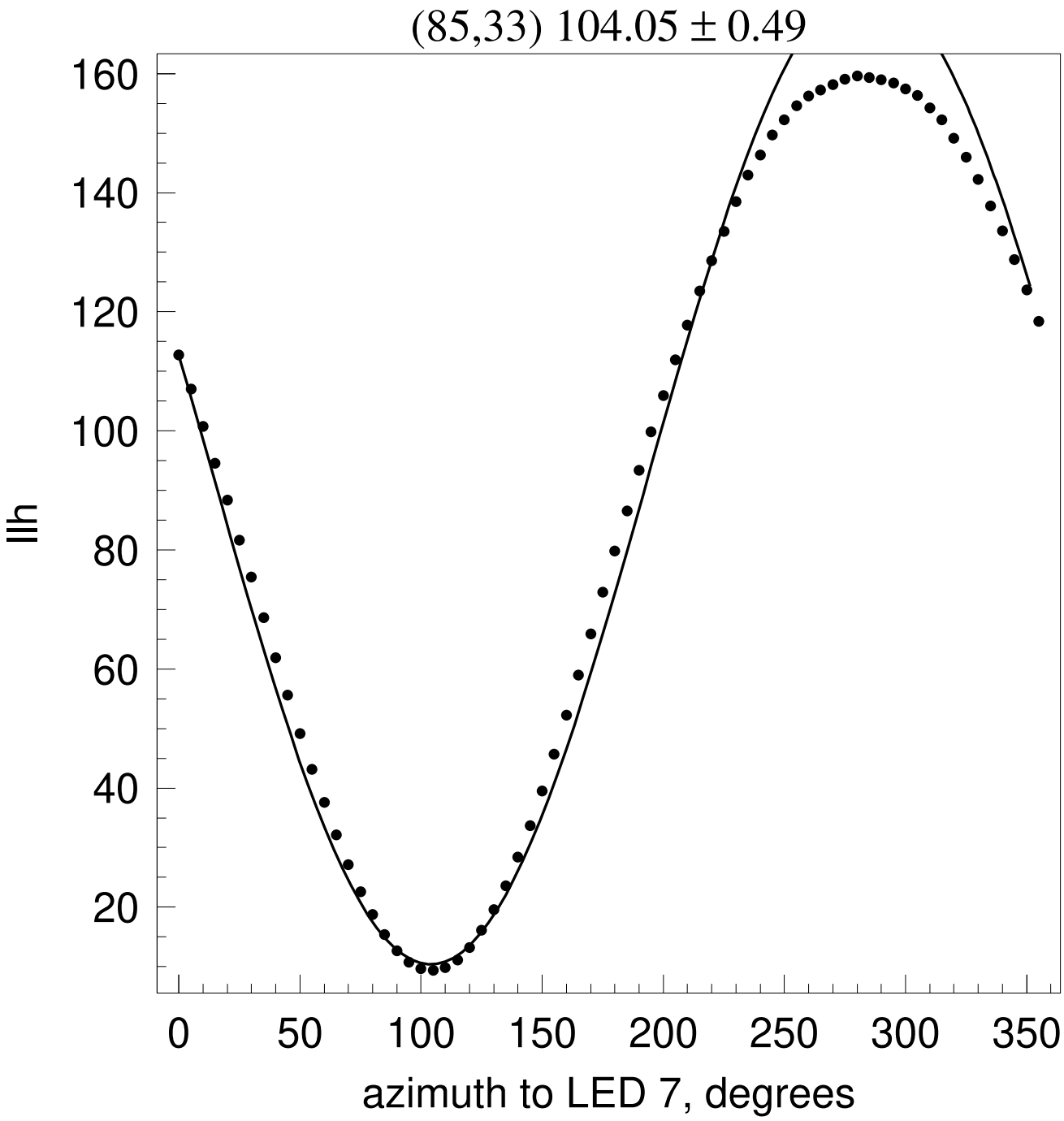

(85,28) 228.10 ± 0.44
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

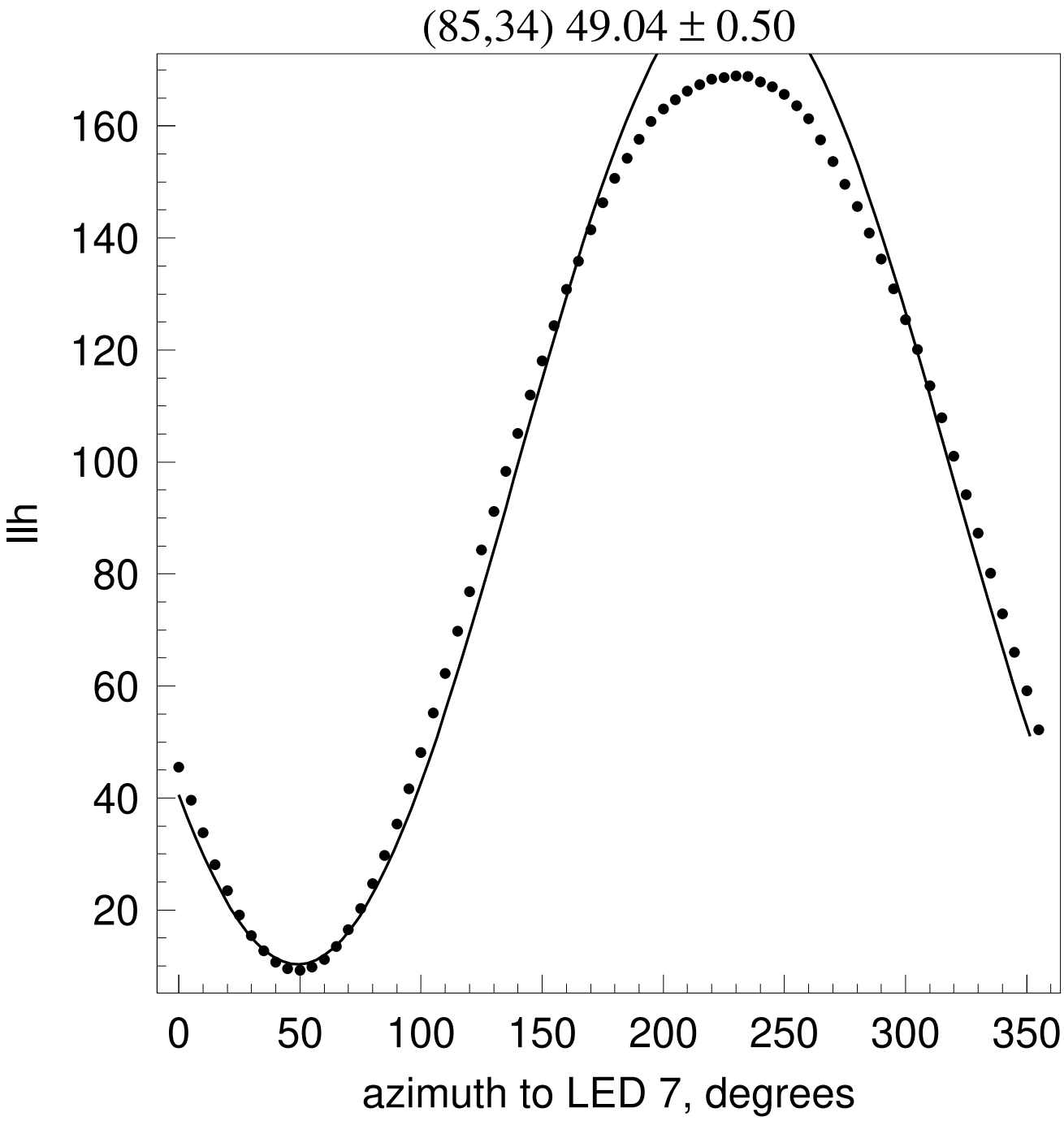

(85,29) 211.28 ± 0.50
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

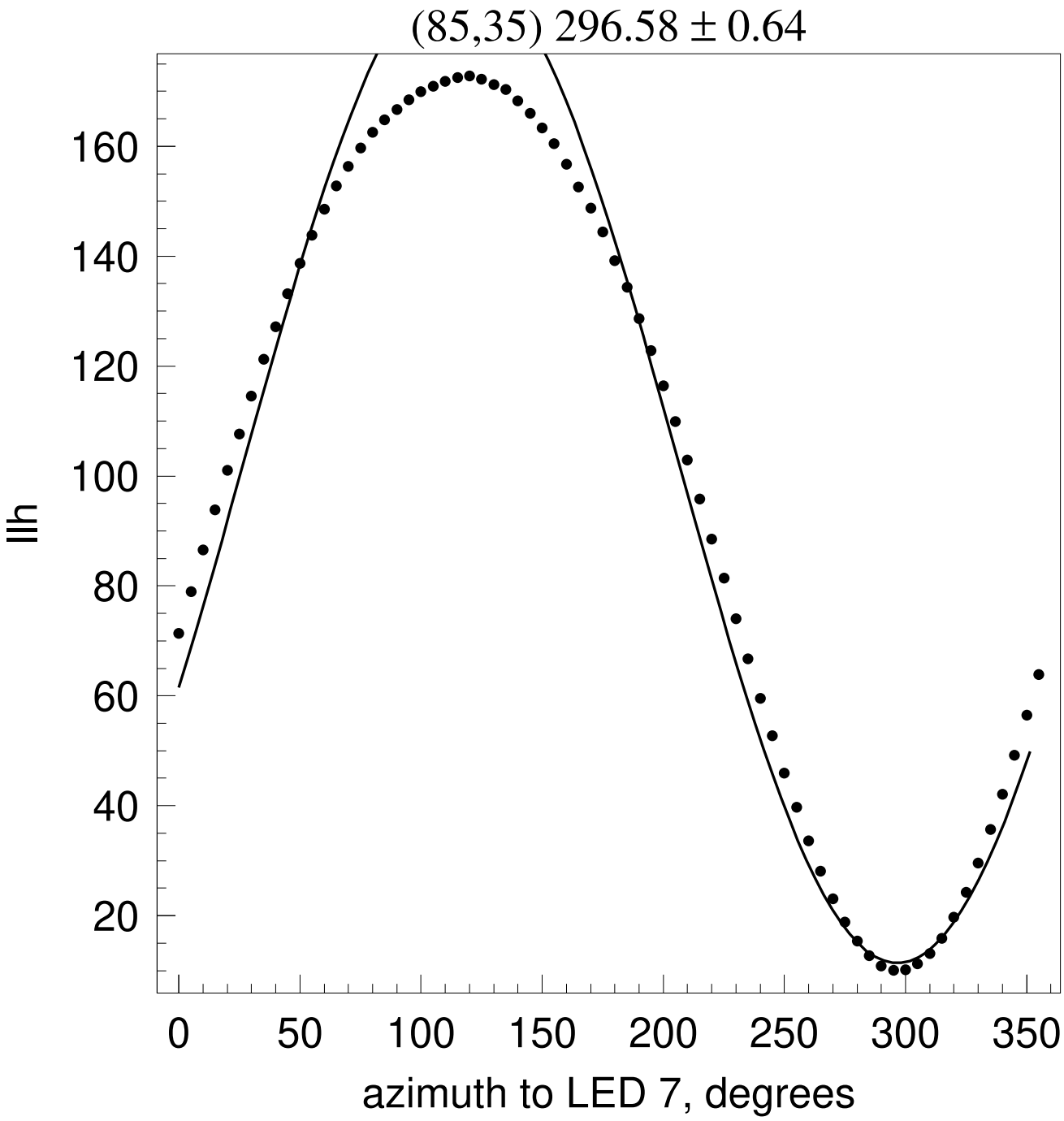

(85,30) 93.22 ± 0.51
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

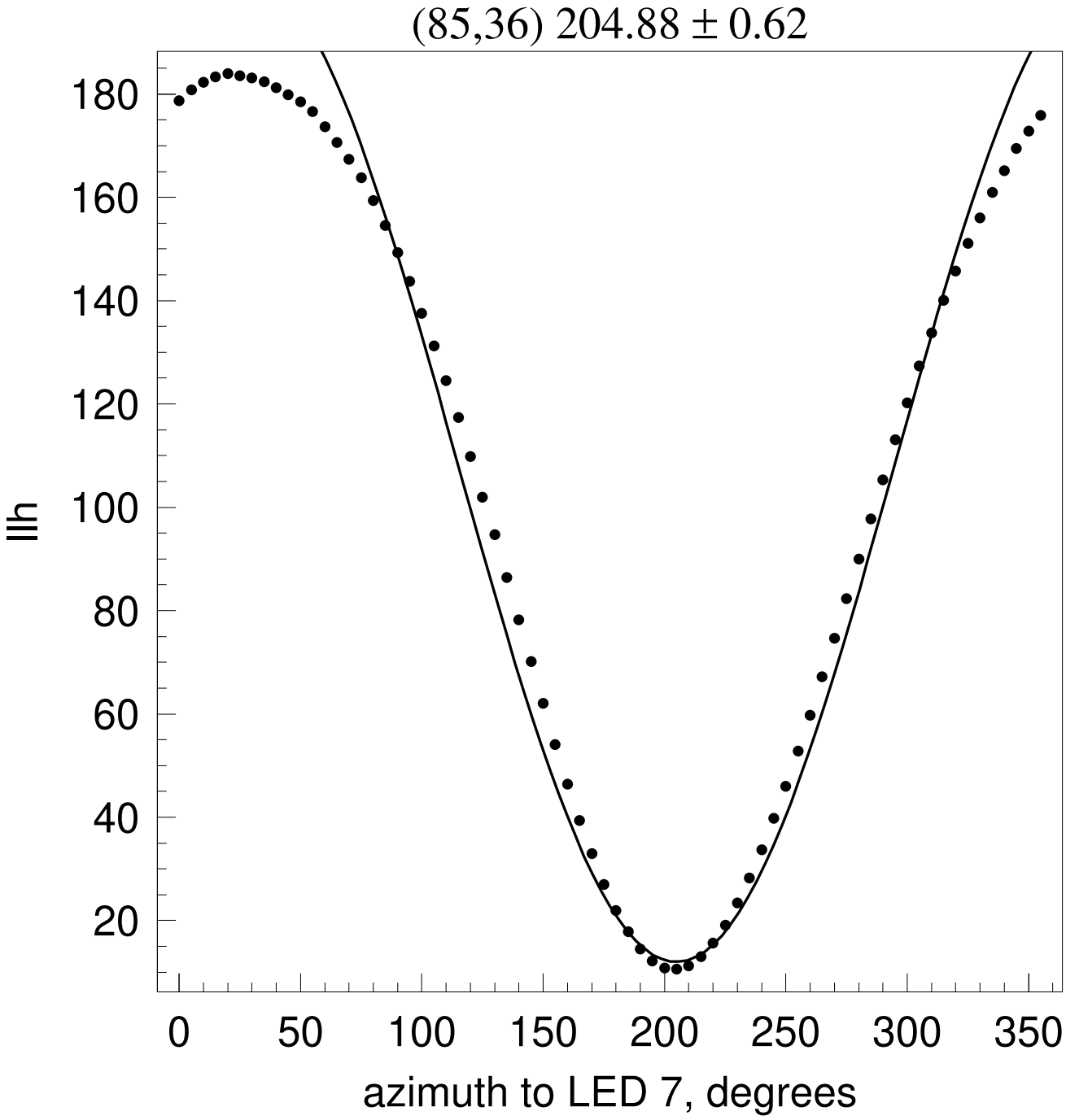

(85,31) 56.89 ± 0.55
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

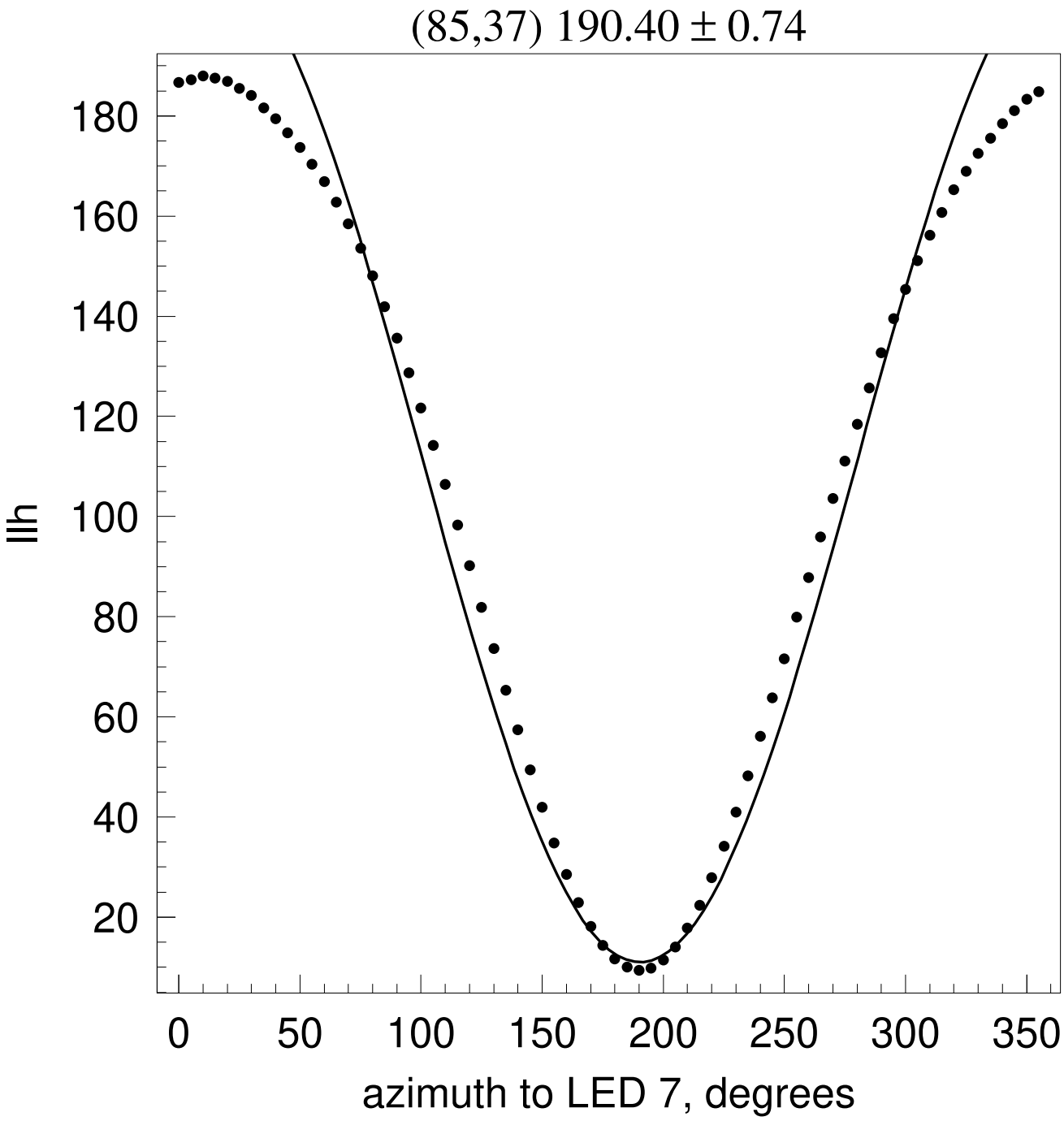

(85,32) 57.95 ± 0.58
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

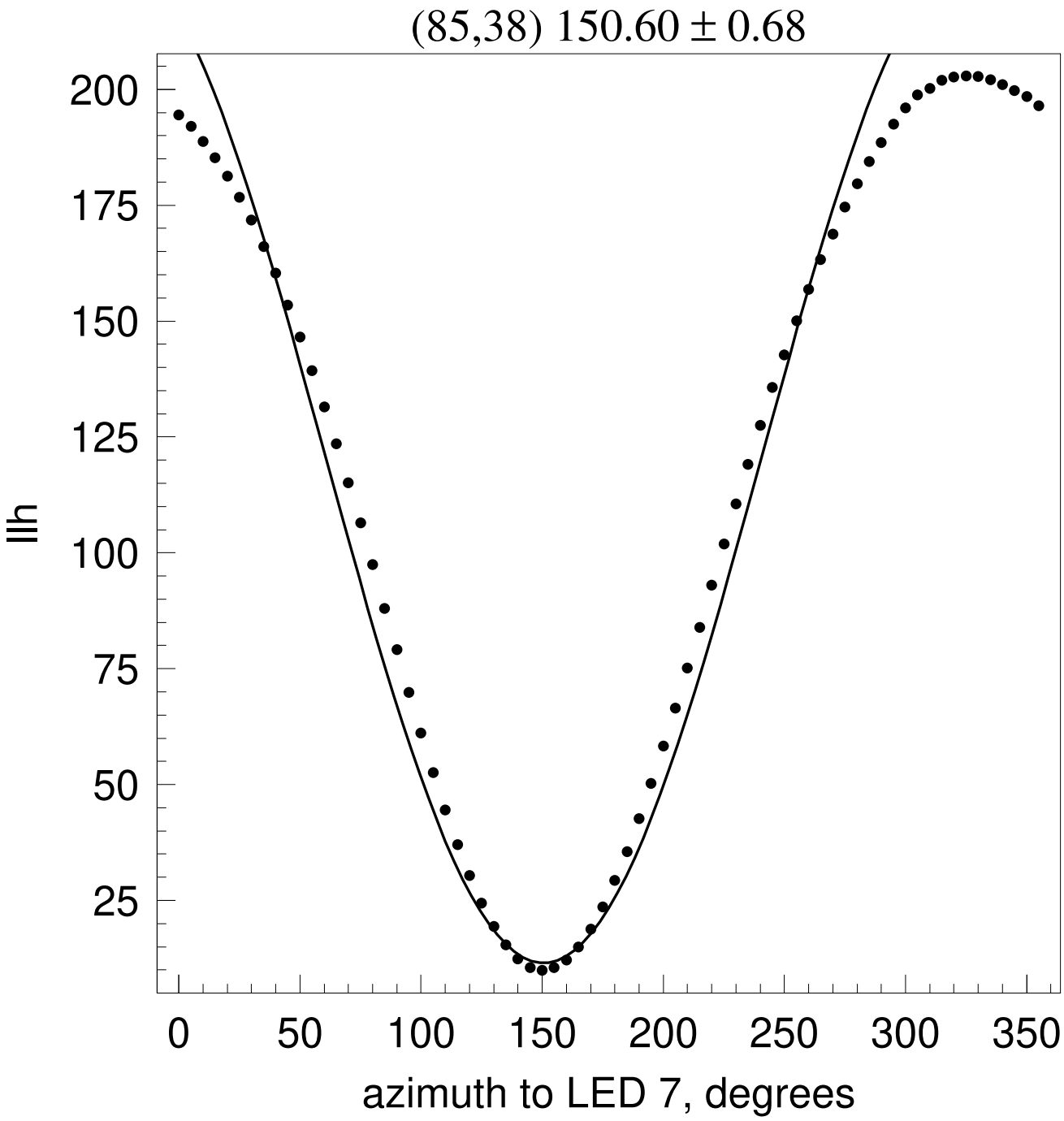

(85,33) 104.05 ± 0.49
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

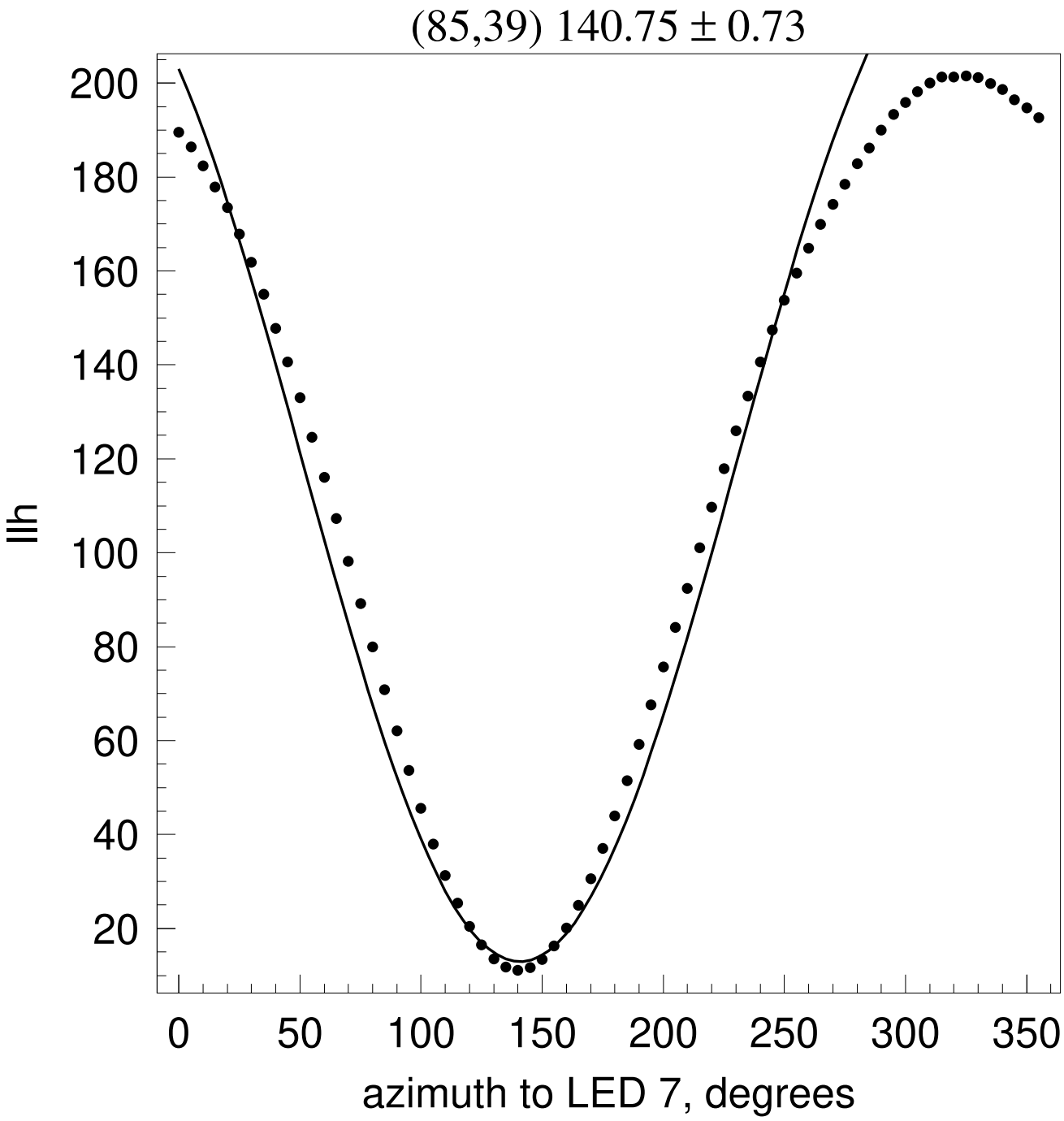

(85,34) 49.04 ± 0.50
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

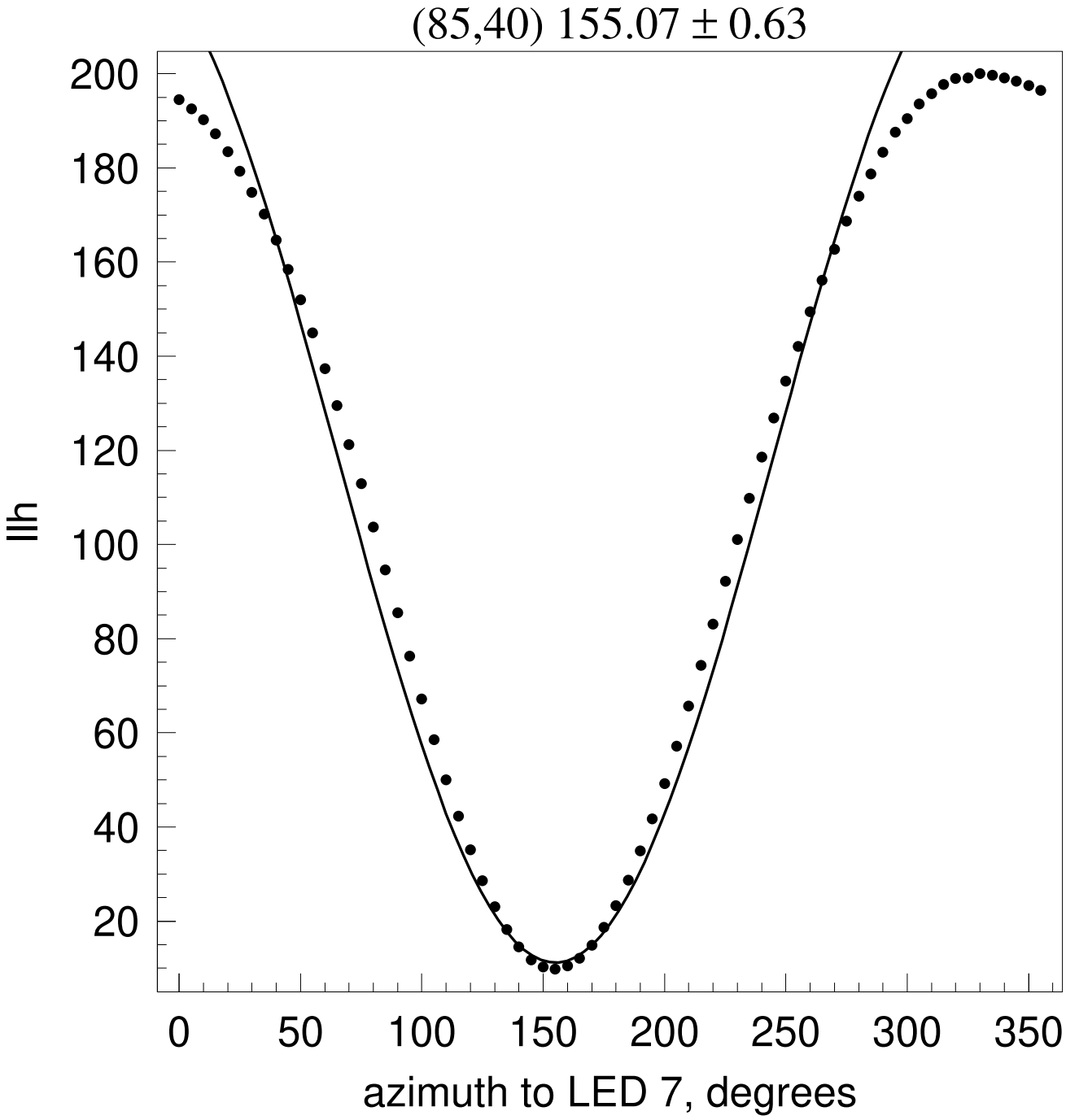

(85,35) 296.58 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

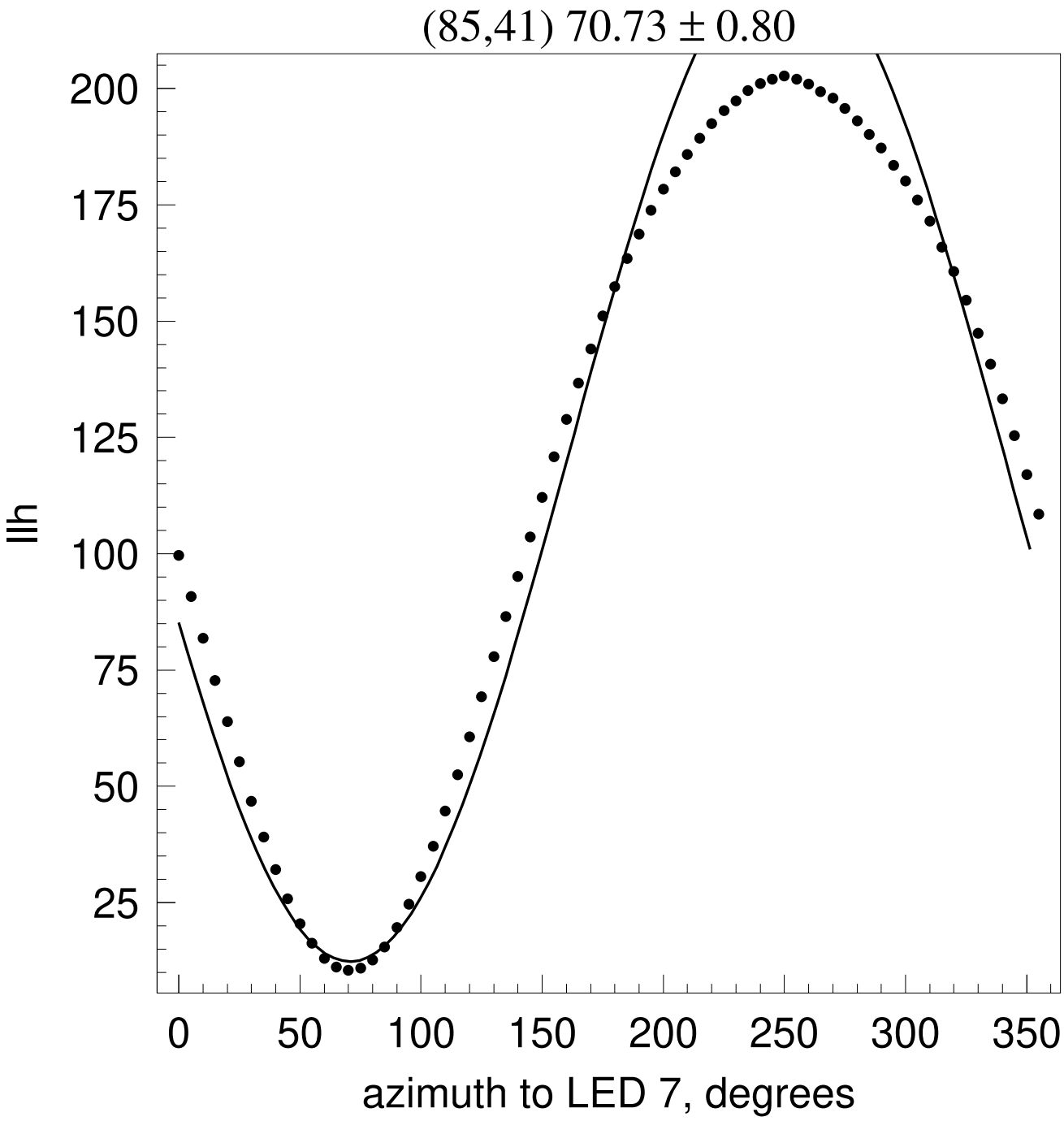

(85,36) 204.88 ± 0.62
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

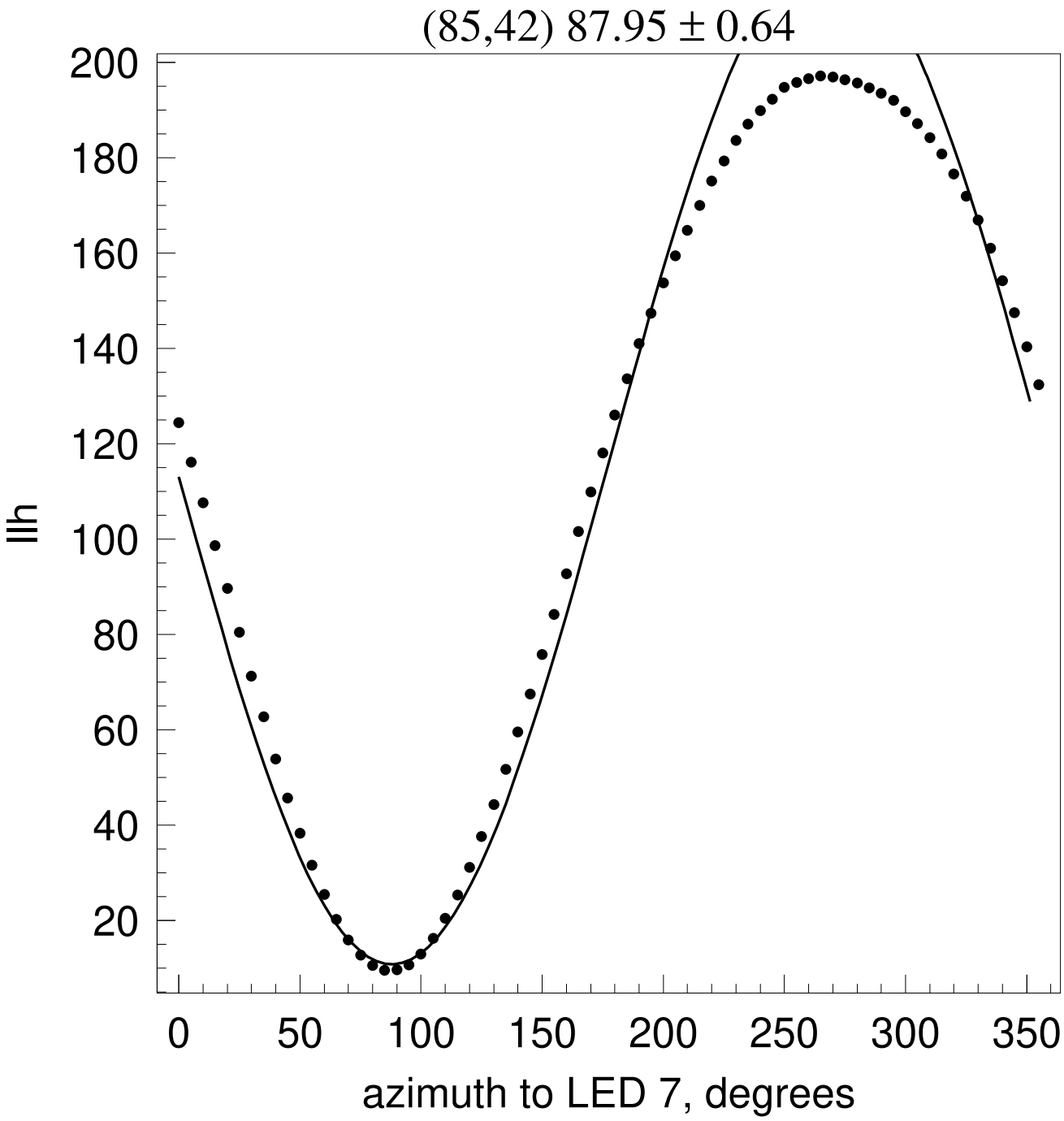

(85,37) 190.40 ± 0.74
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

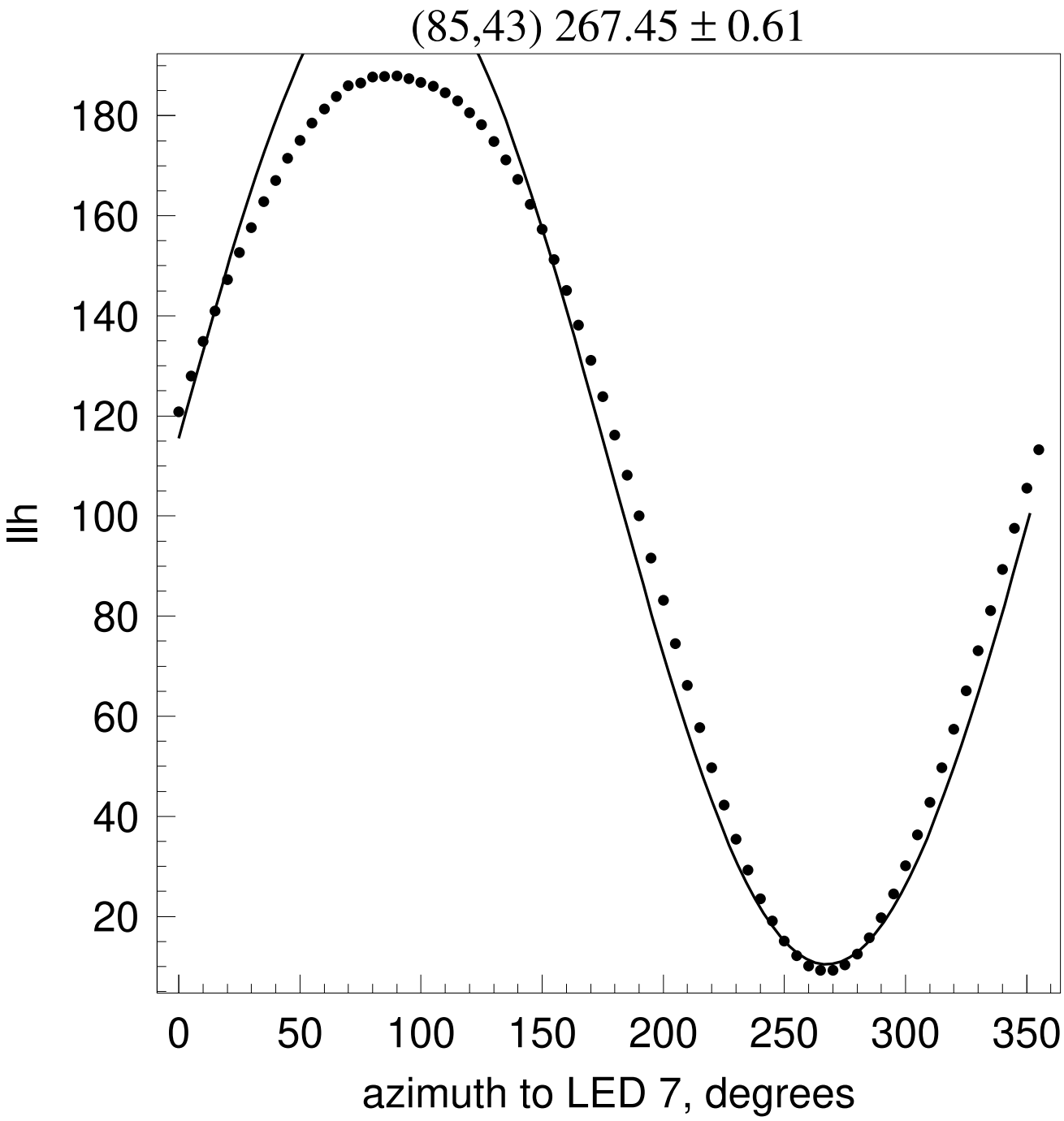

(85,38) 150.60 ± 0.68
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

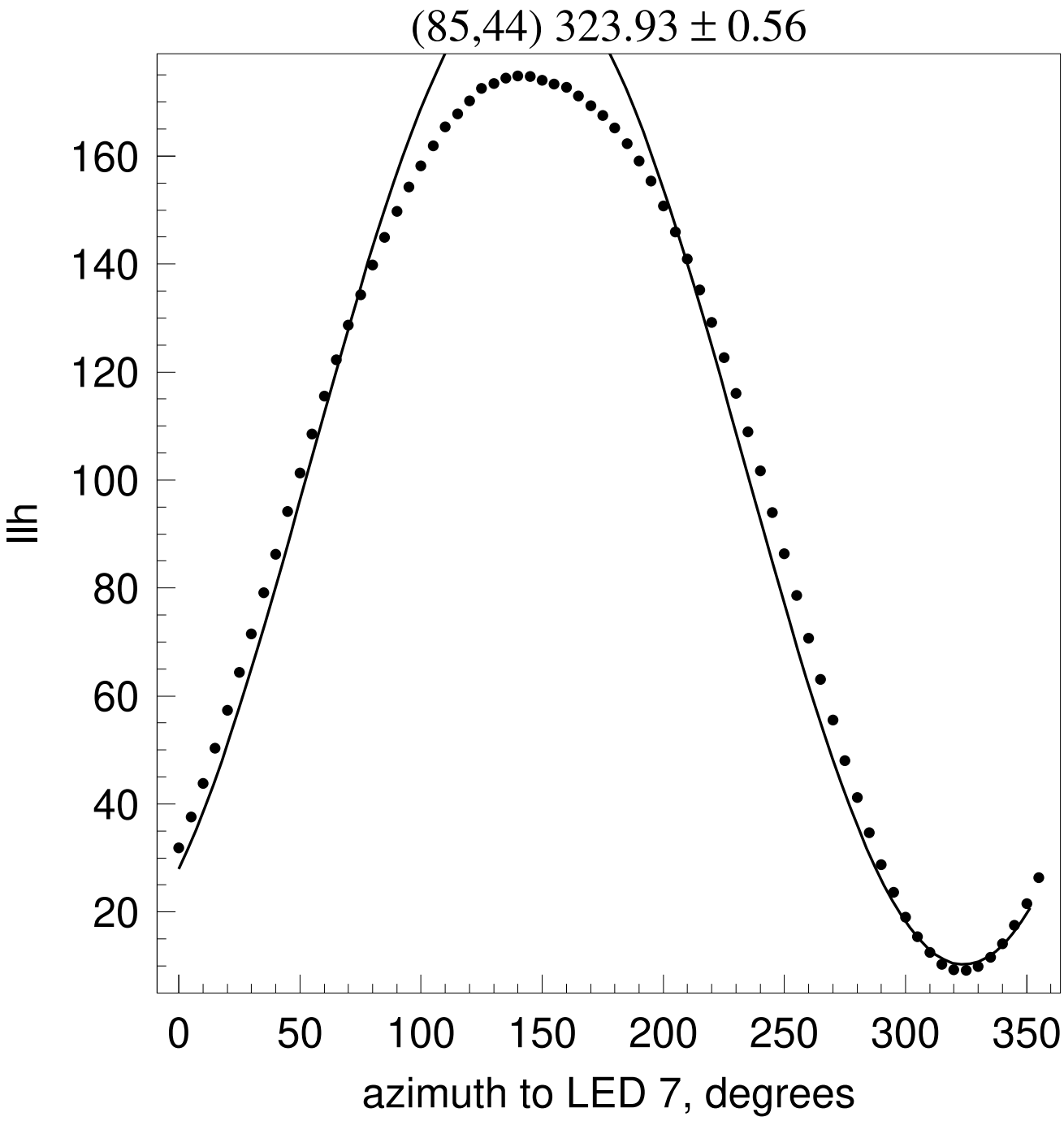

(85,39) 140.75 ± 0.73
llh
200
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

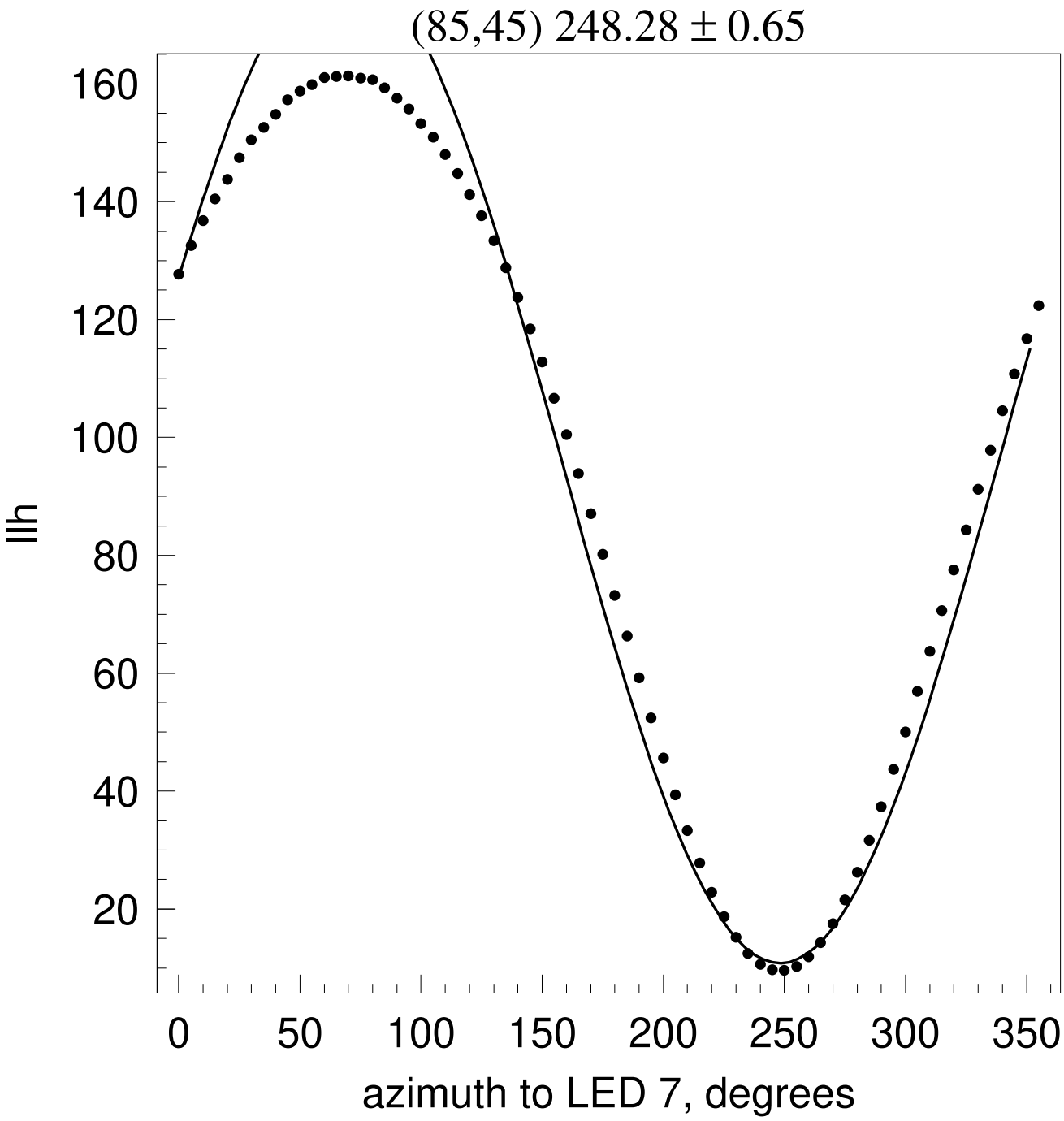

(85,40) 155.07 ± 0.63
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

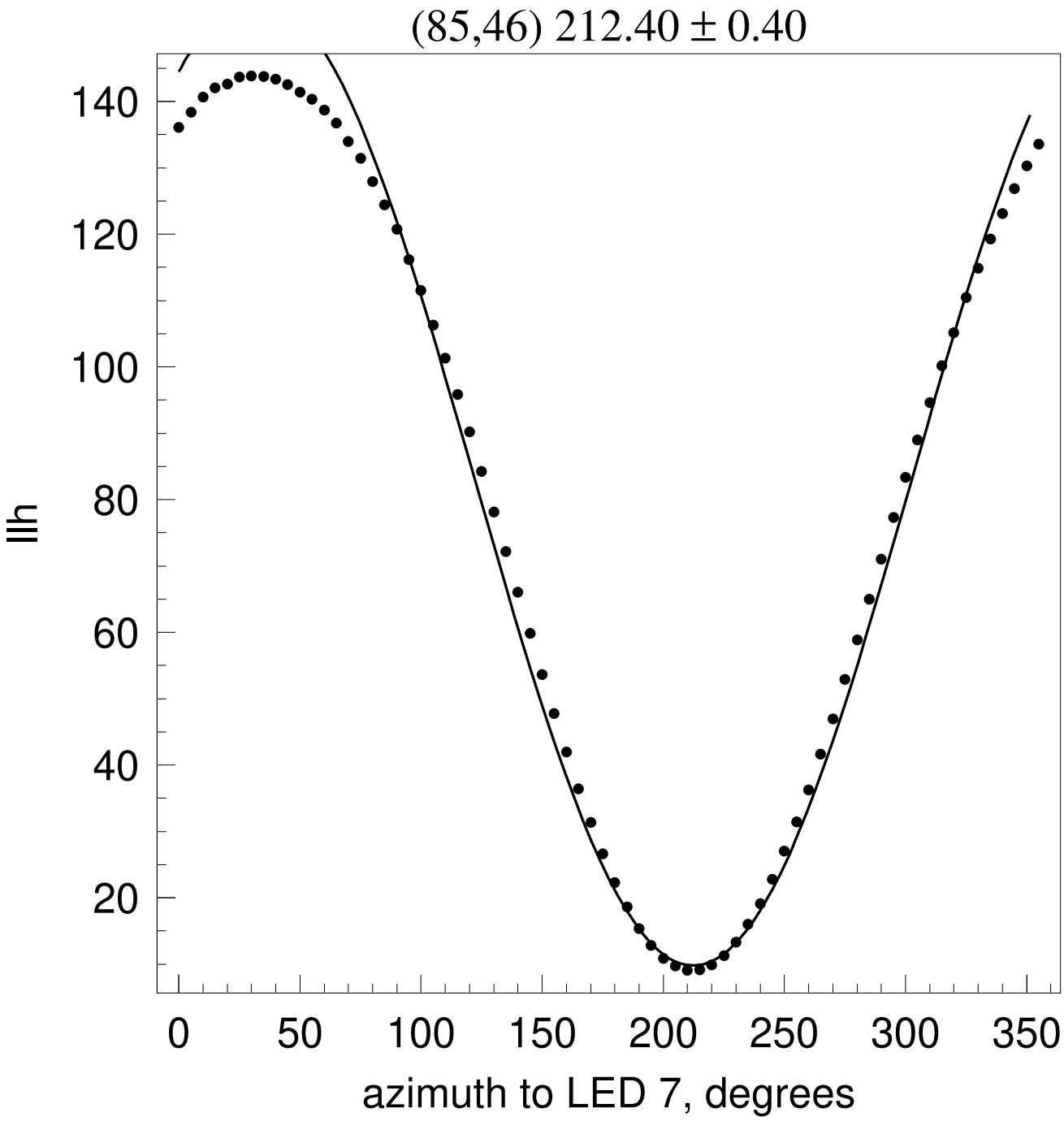

(85,41) 70.73 ± 0.80
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

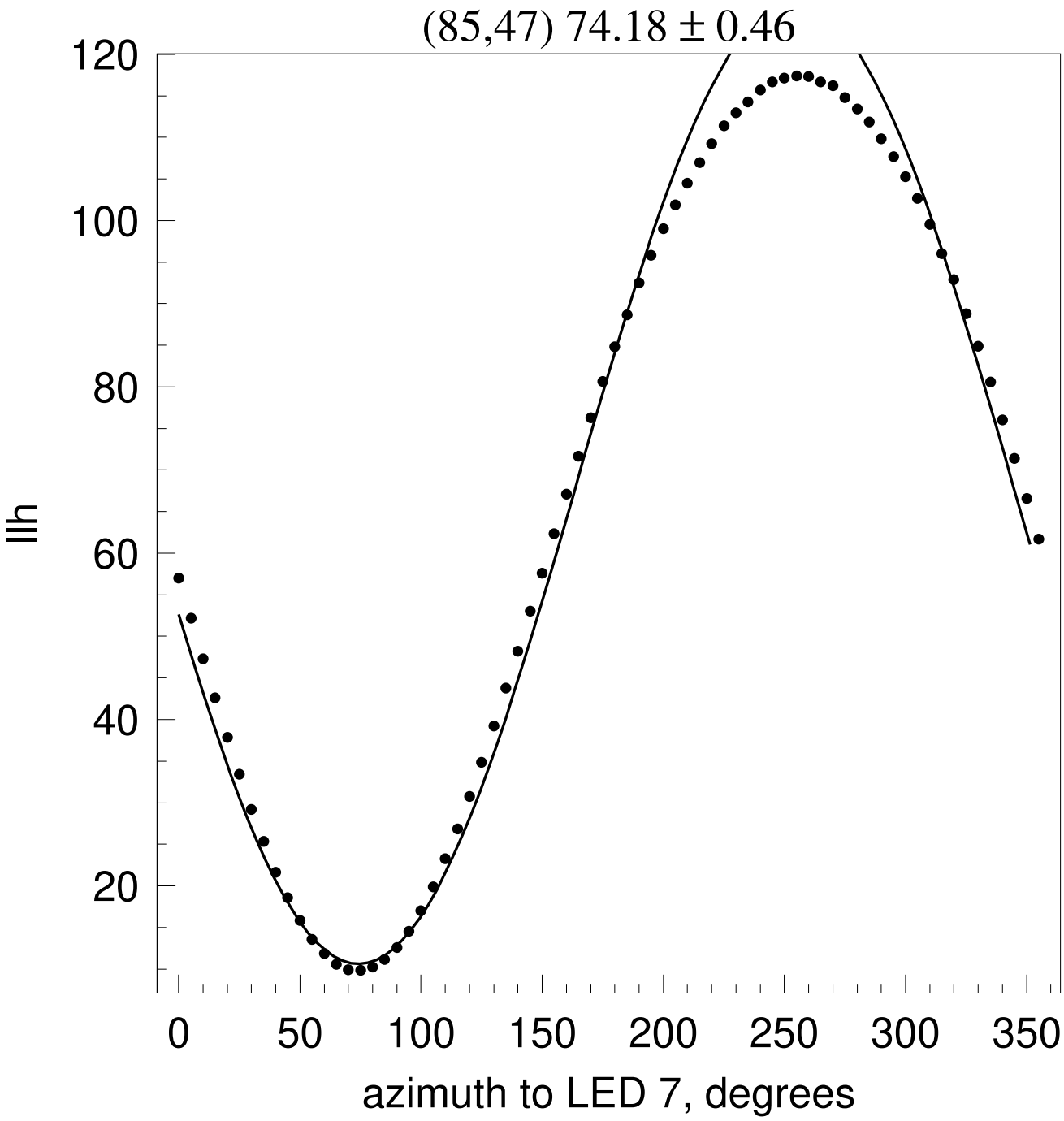

(85,42) 87.95 ± 0.64
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

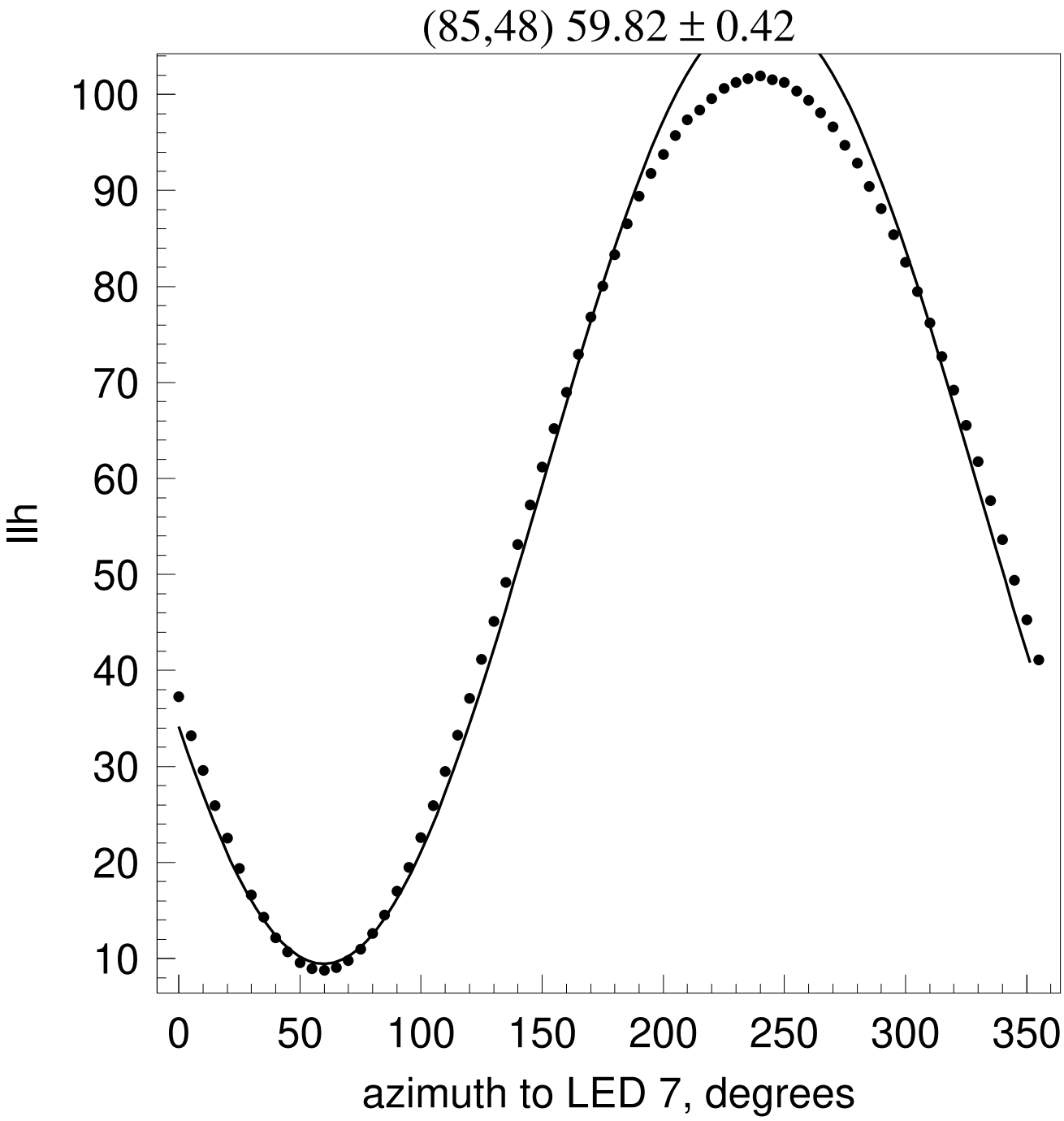

(85,43) 267.45 ± 0.61
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

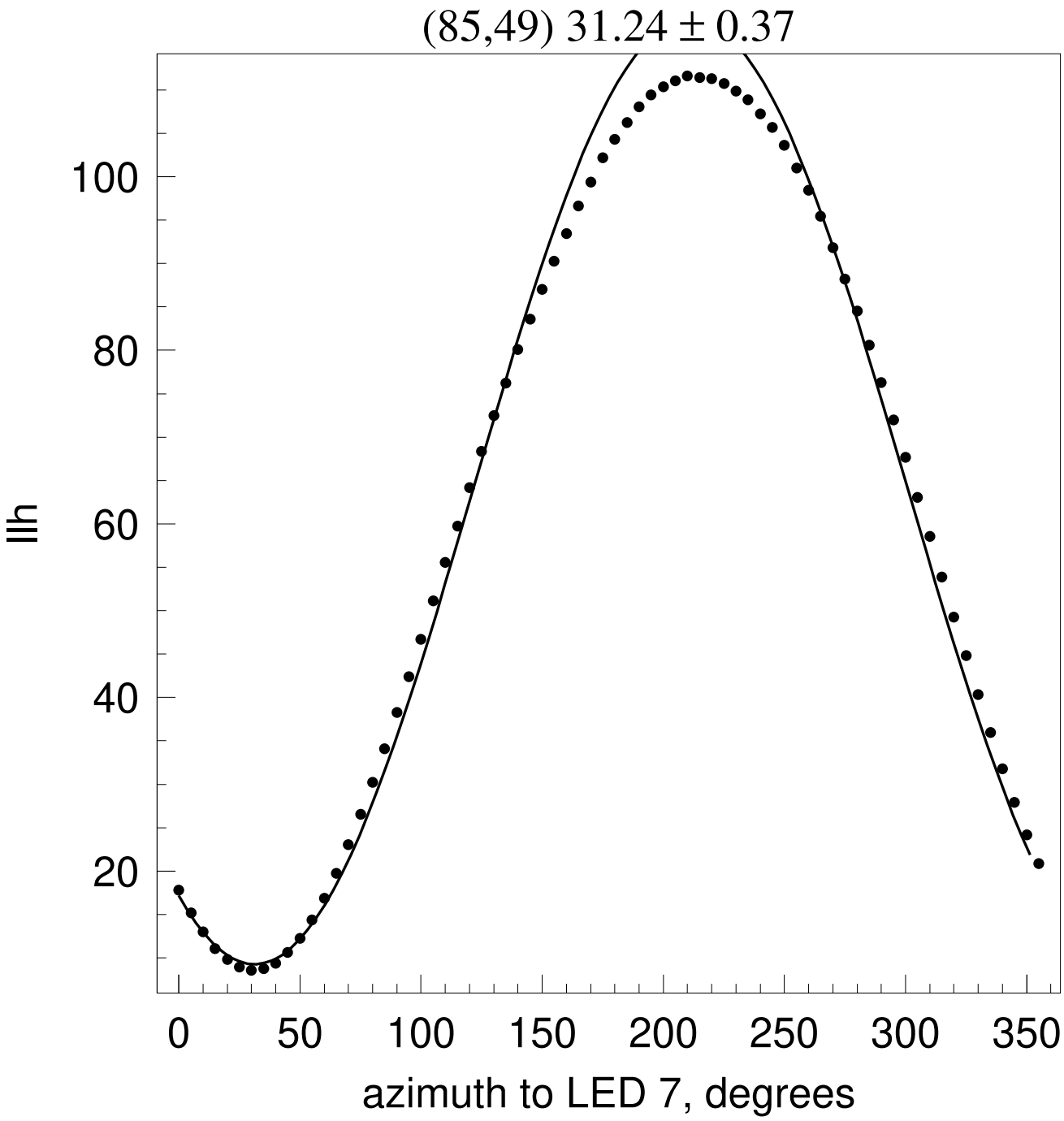

(85,44) 323.93 ± 0.56
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

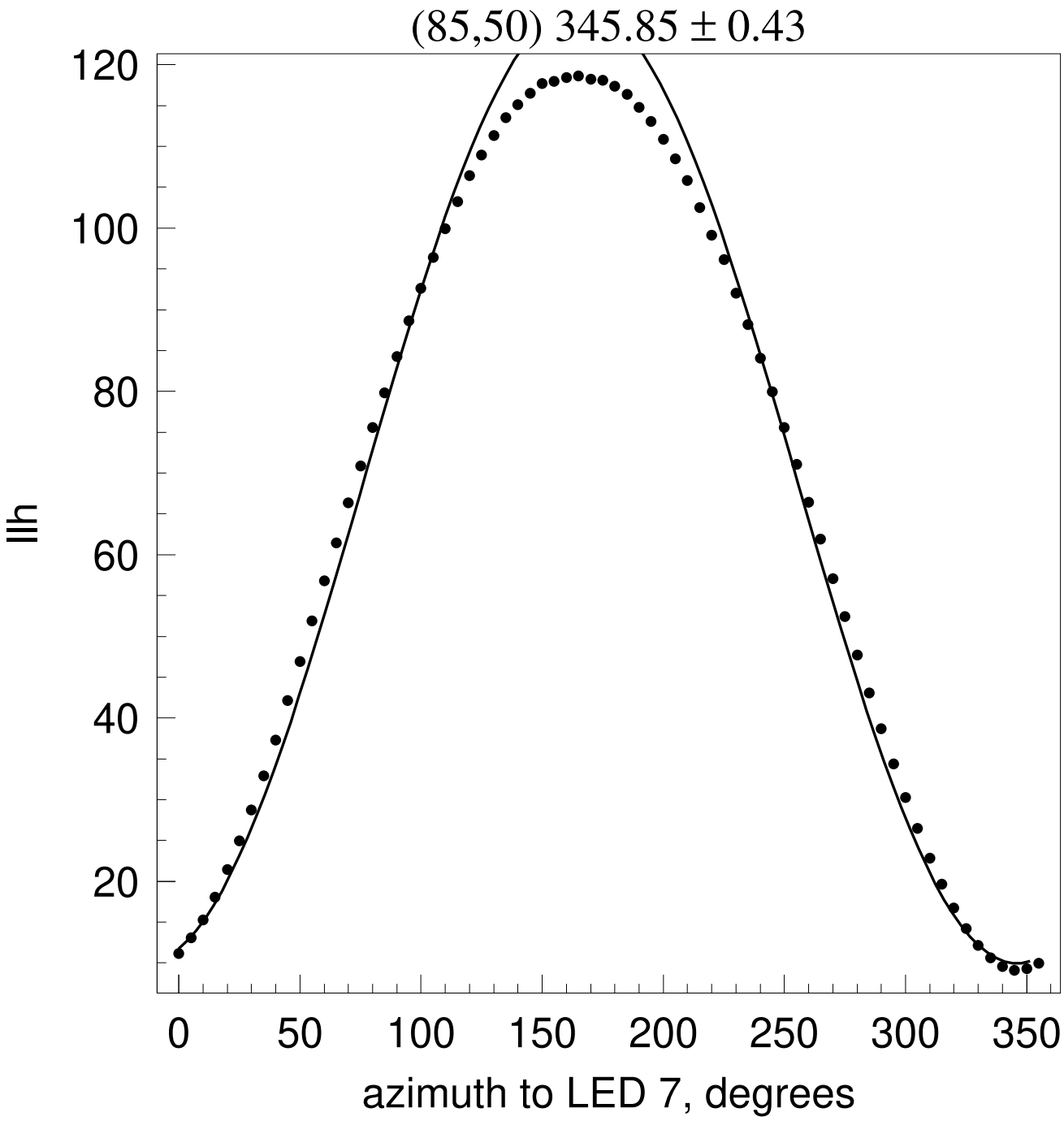

(85,45) 248.28 ± 0.65
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

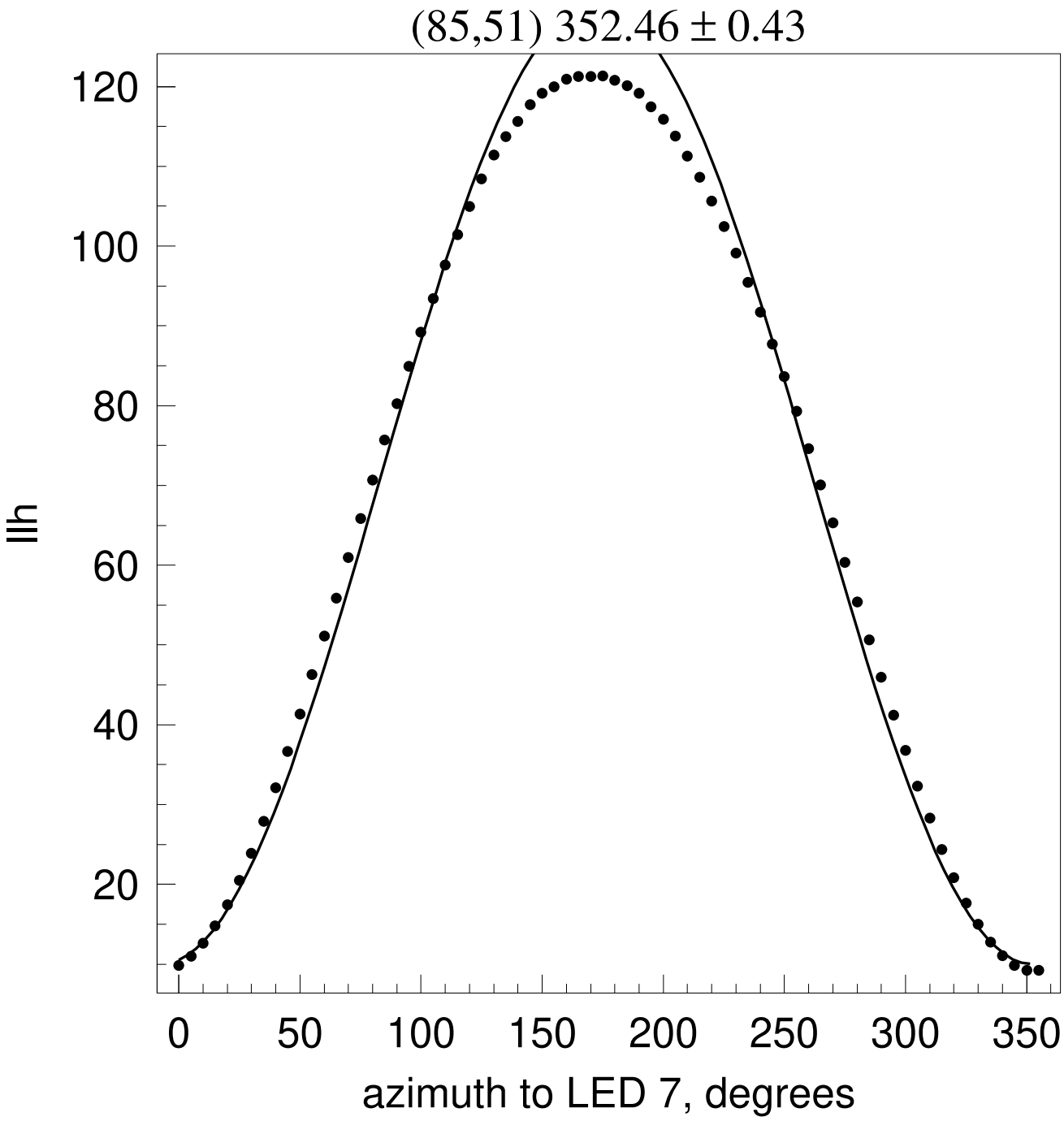

(85,46) 212.40 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

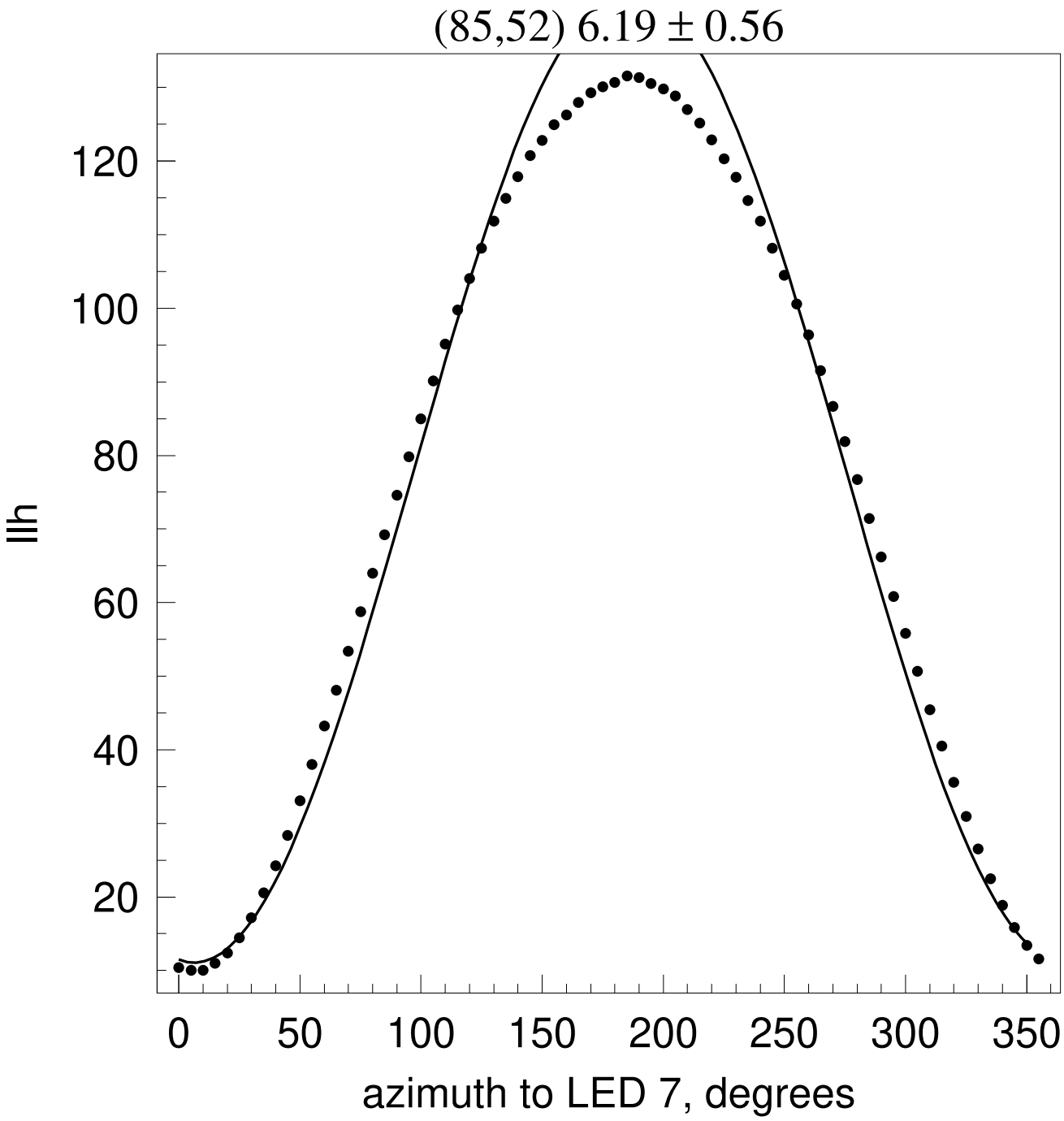

(85,47) 74.18 ± 0.46
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

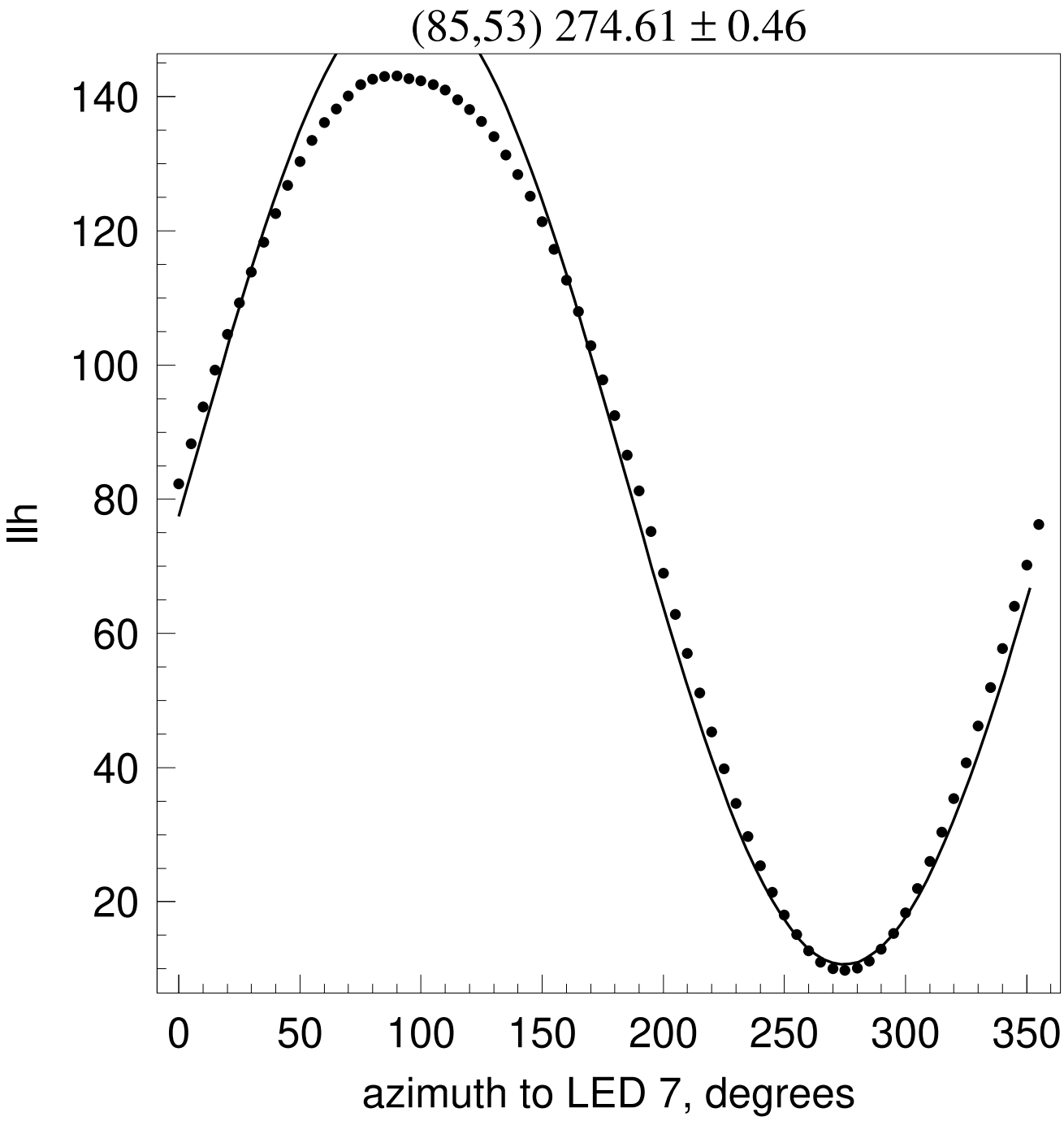

(85,48) 59.82 ± 0.42
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

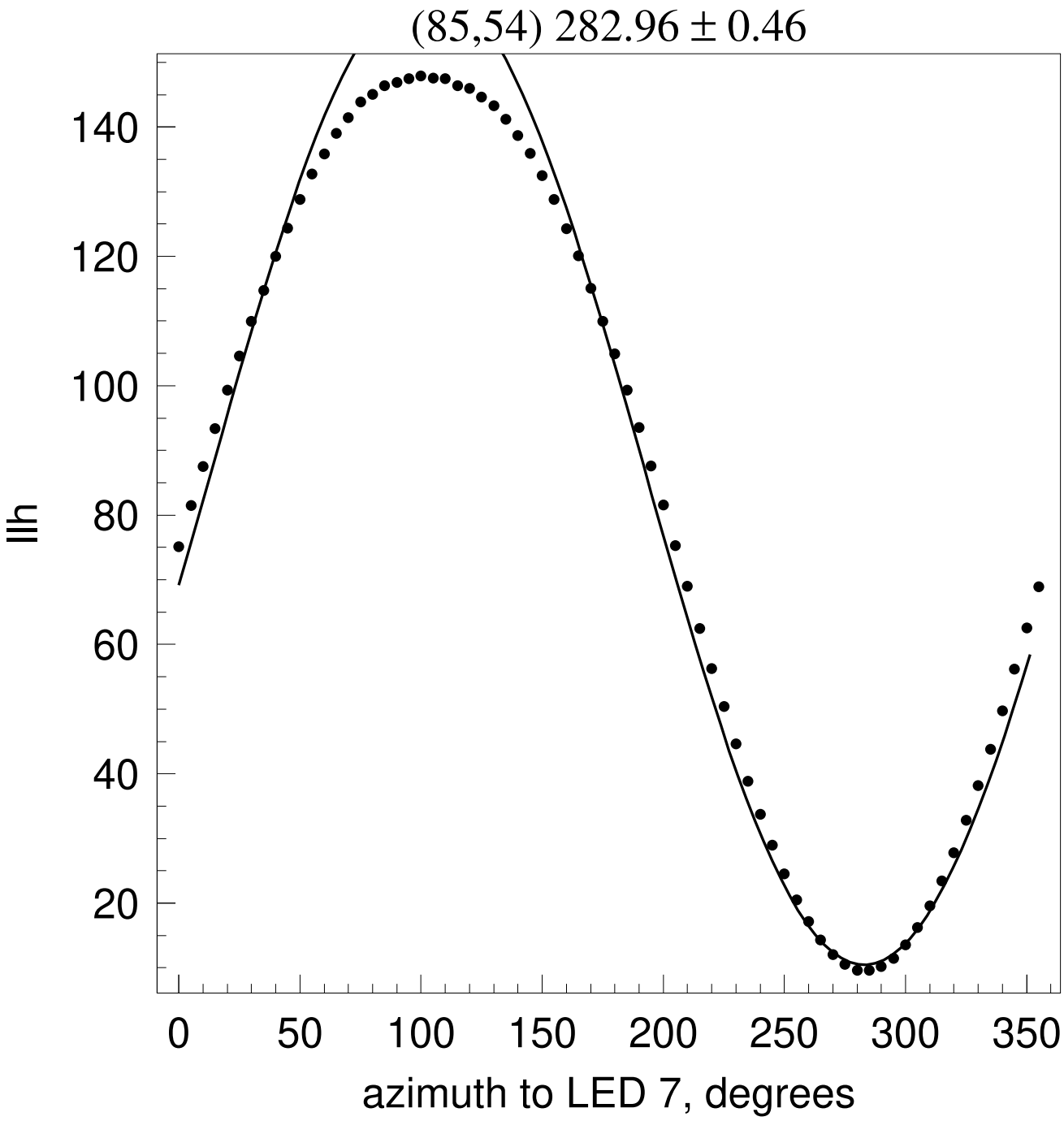

(85,49) 31.24 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

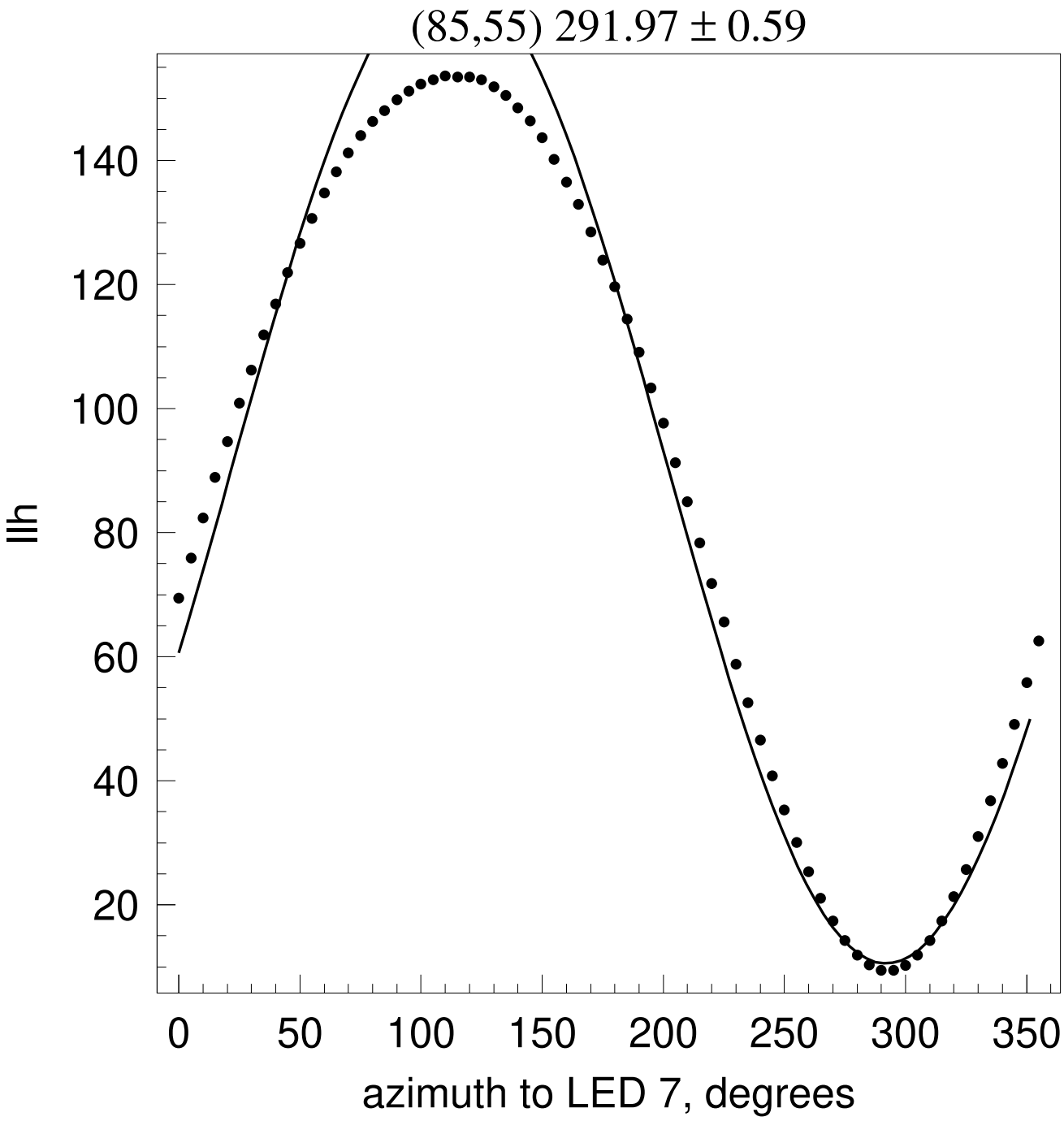

(85,50) 345.85 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

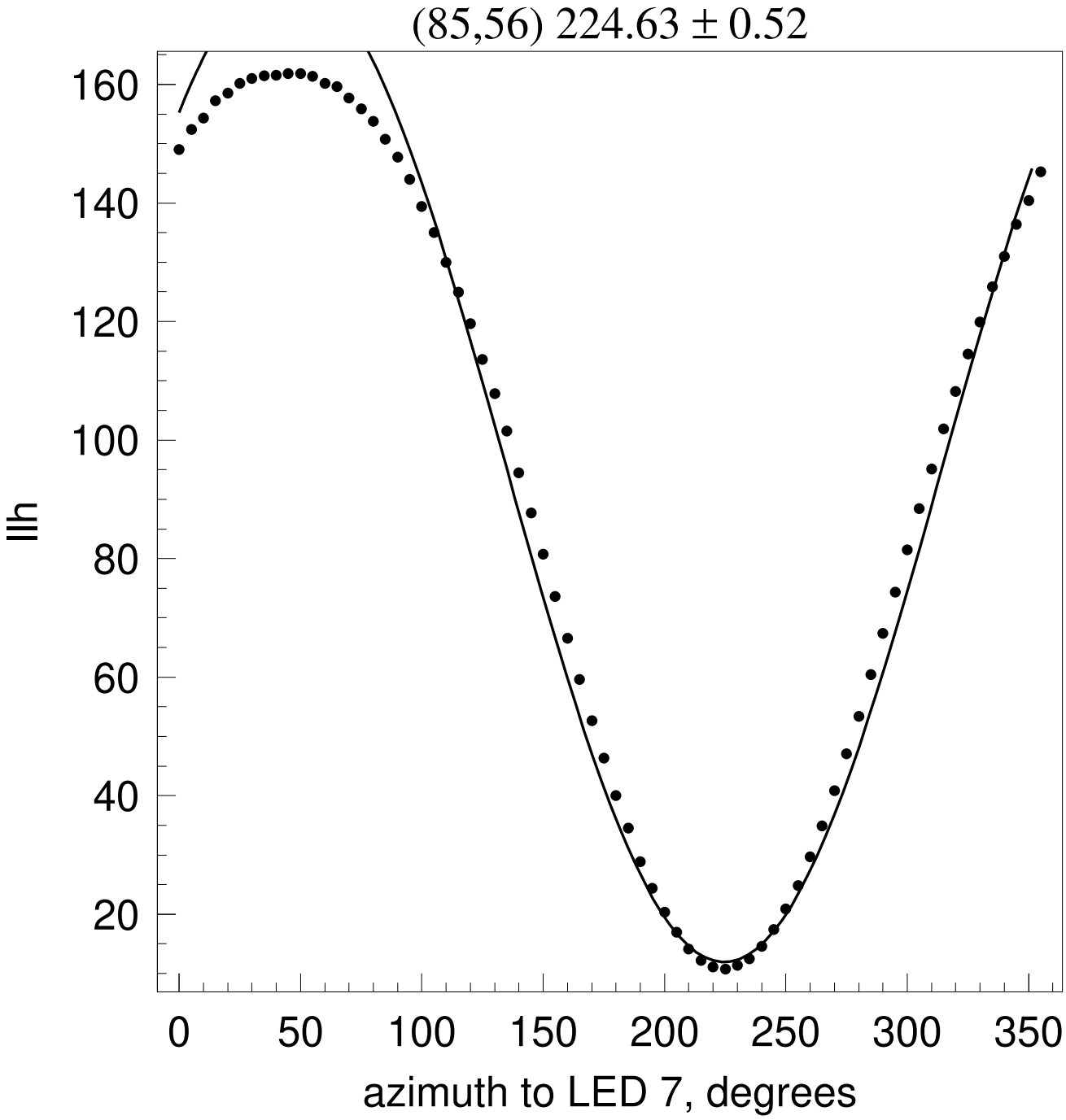

(85,51) 352.46 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

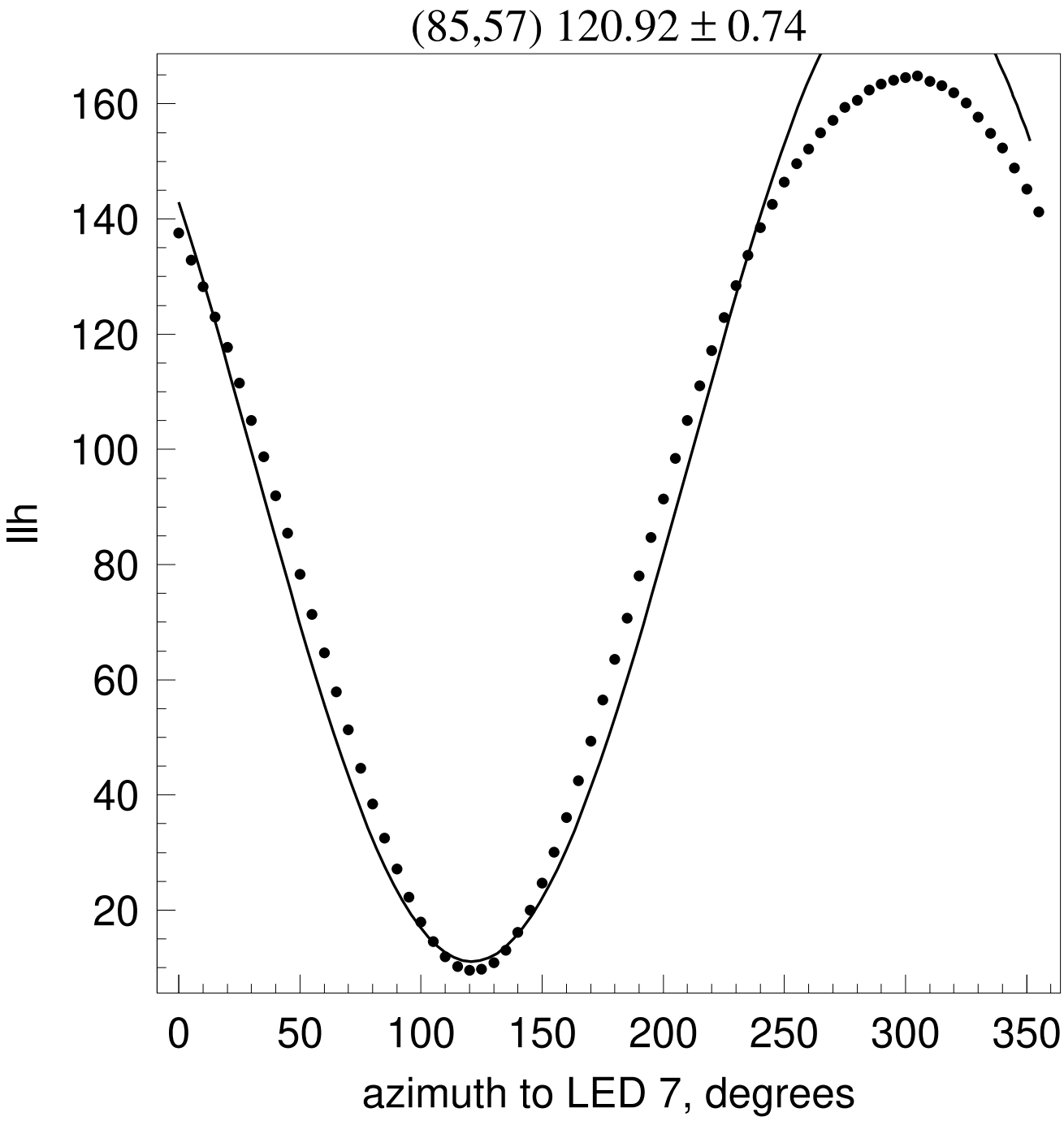

(85,52) 6.19 ± 0.56
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

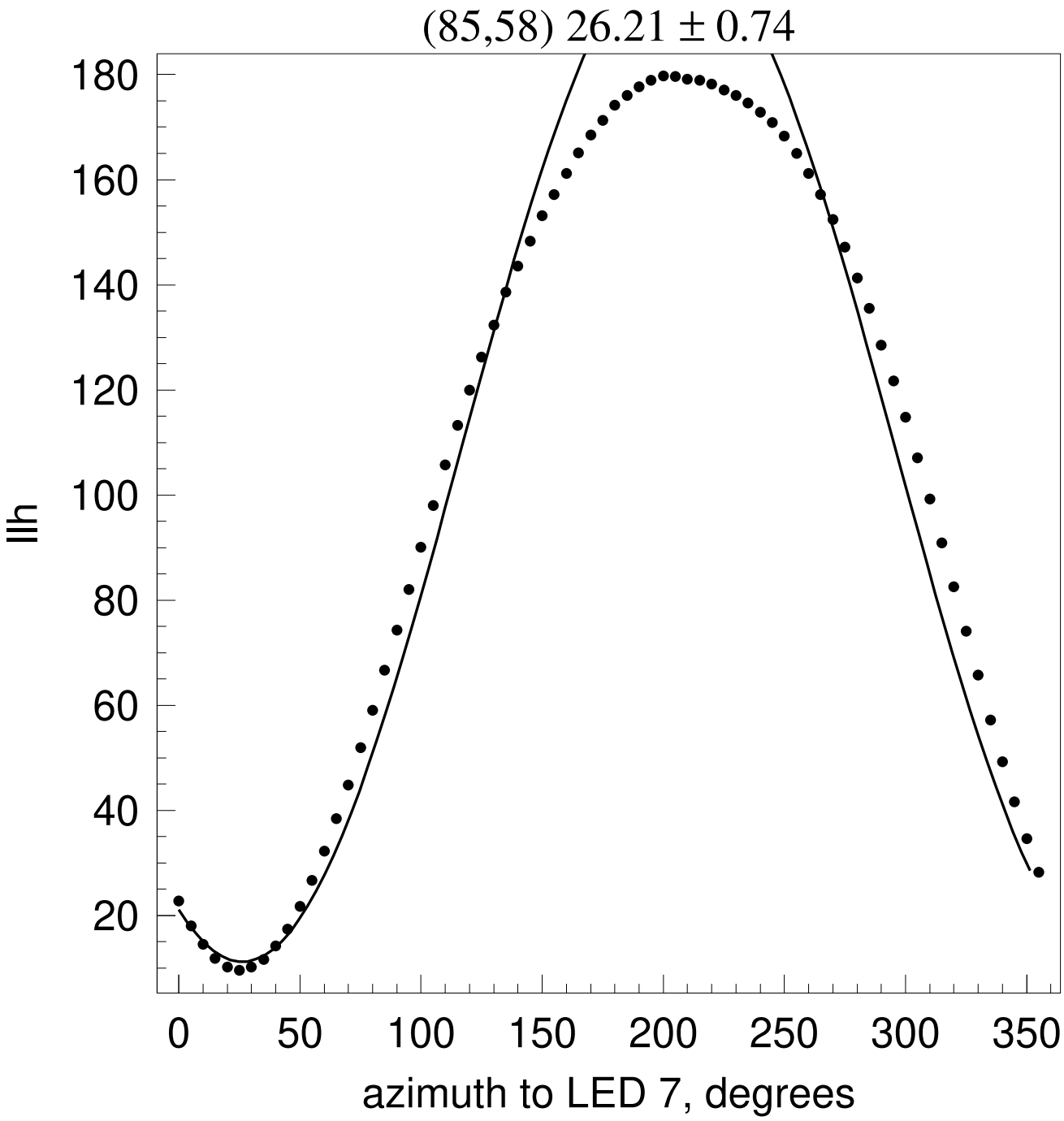

(85,53) 274.61 ± 0.46
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

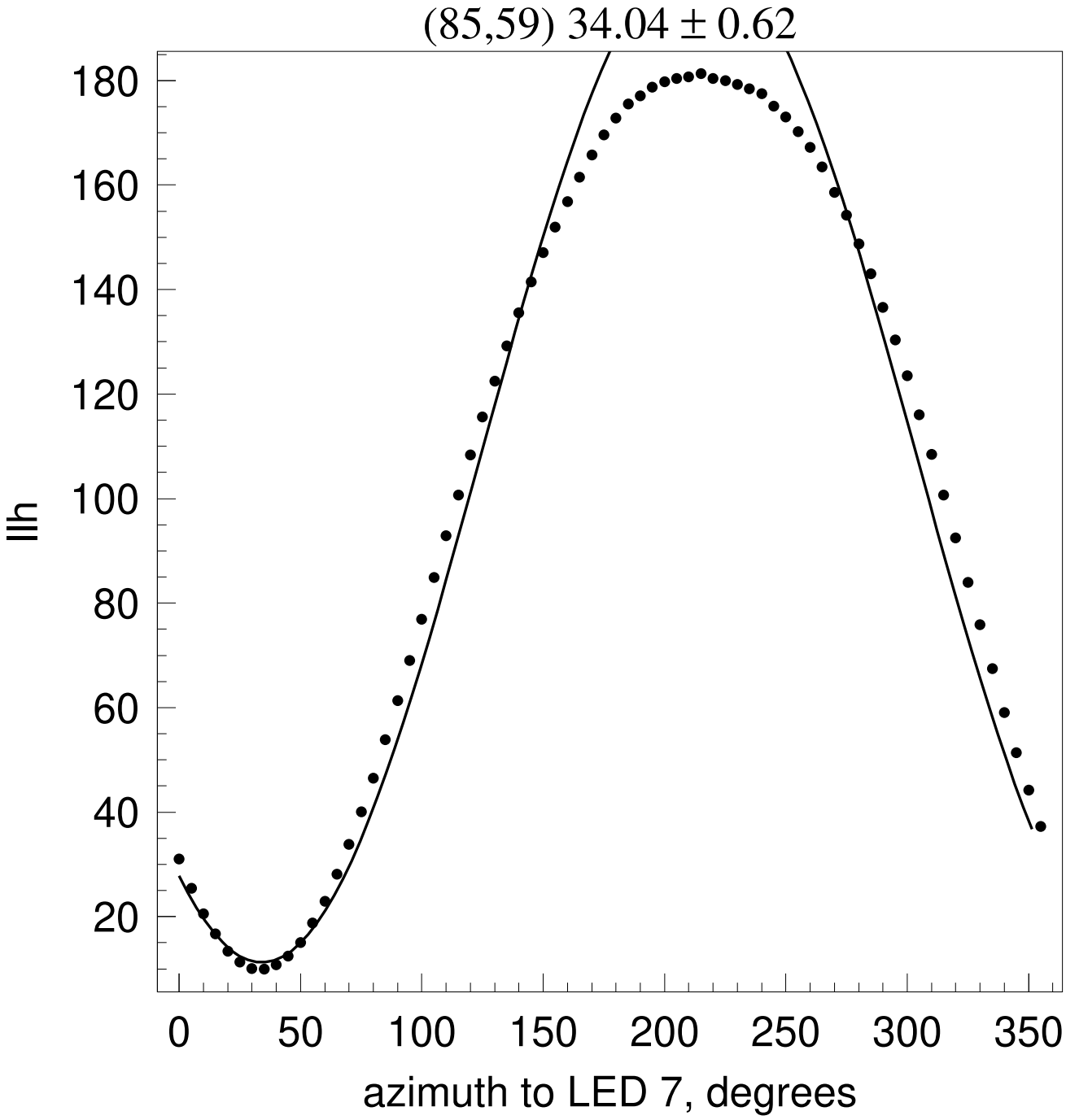

(85,54) 282.96 ± 0.46
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

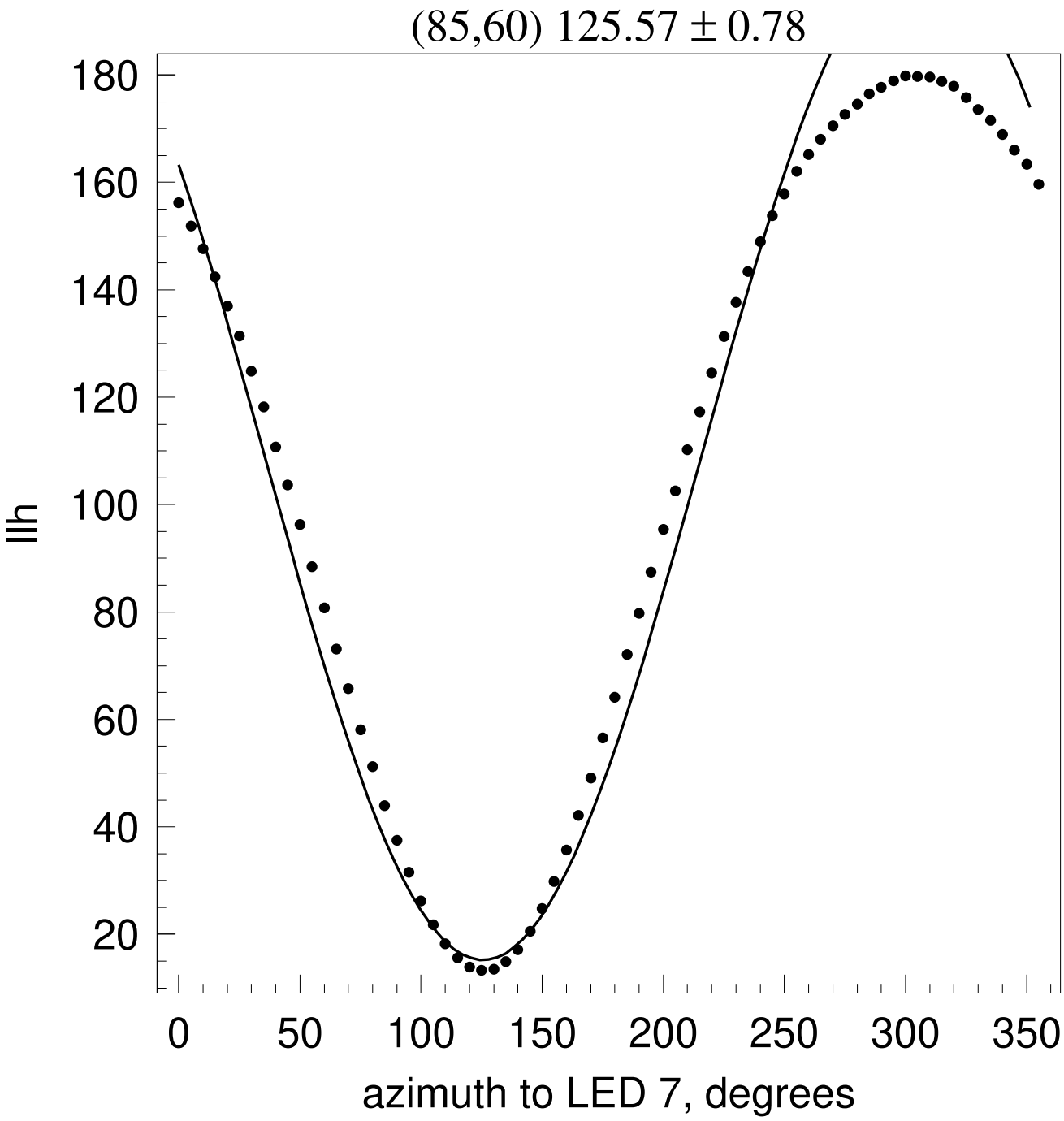

(85,55) 291.97 ± 0.59
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

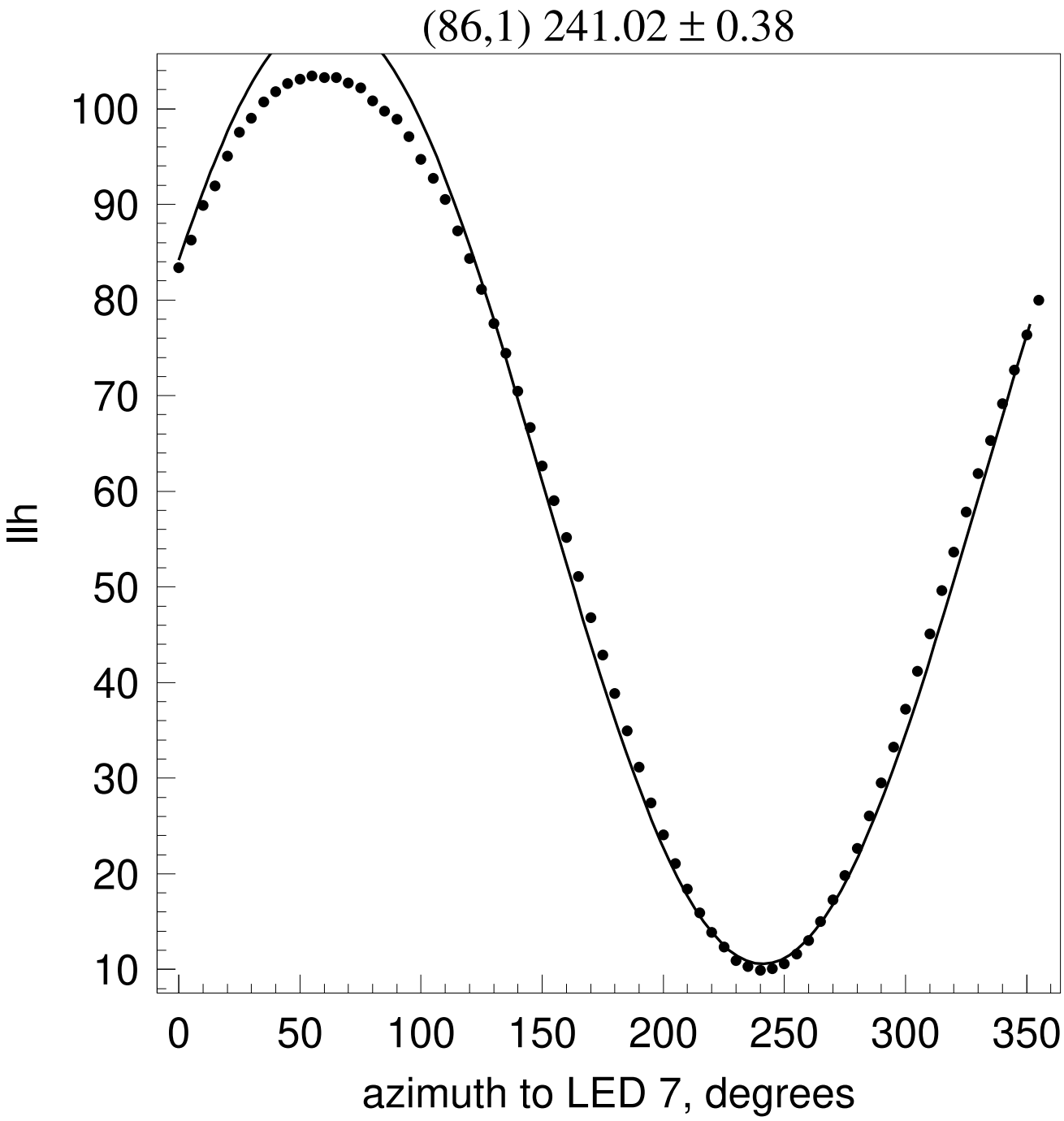

(85,56) 224.63 ± 0.52
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

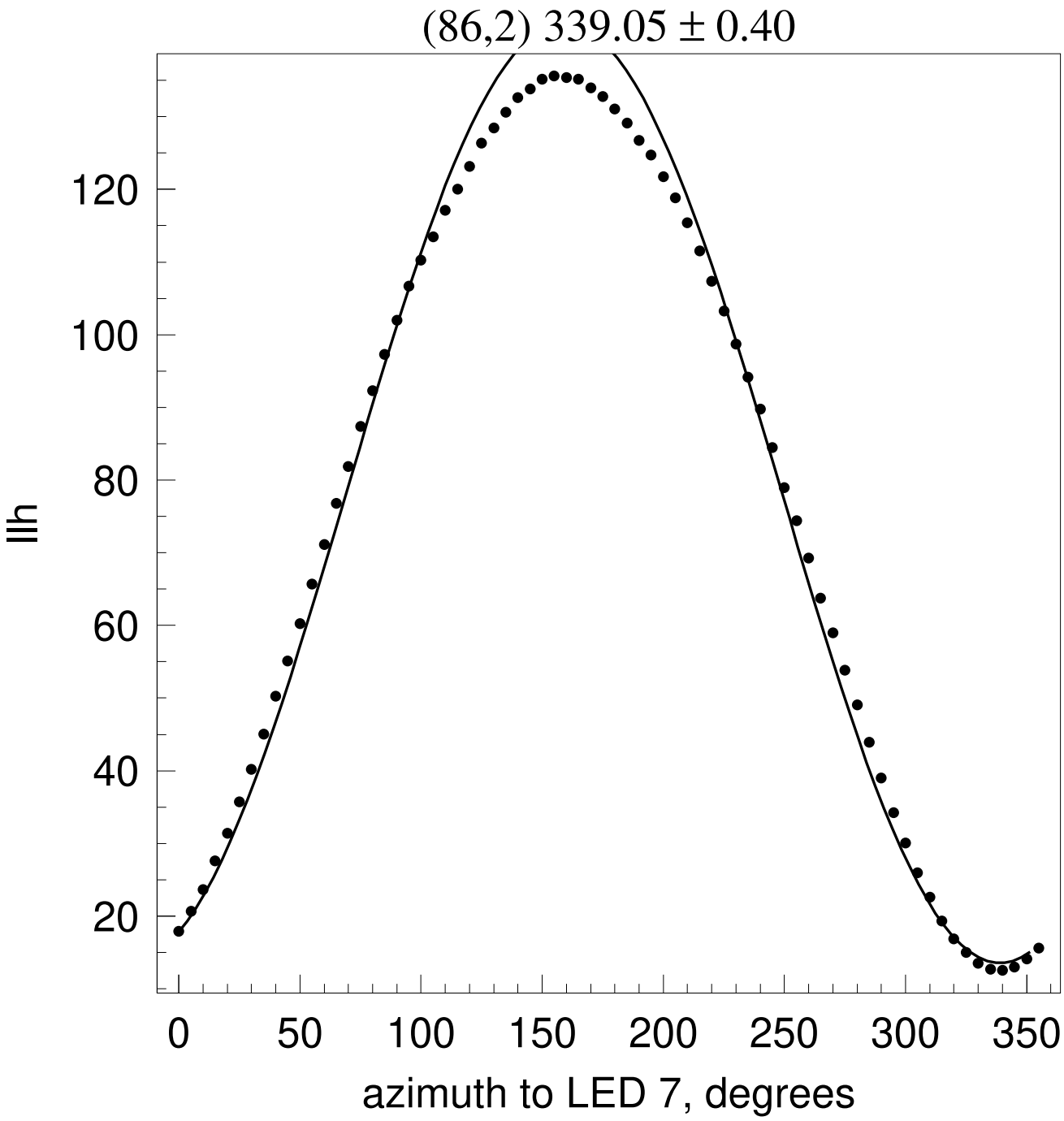

(85,57) 120.92 ± 0.74
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

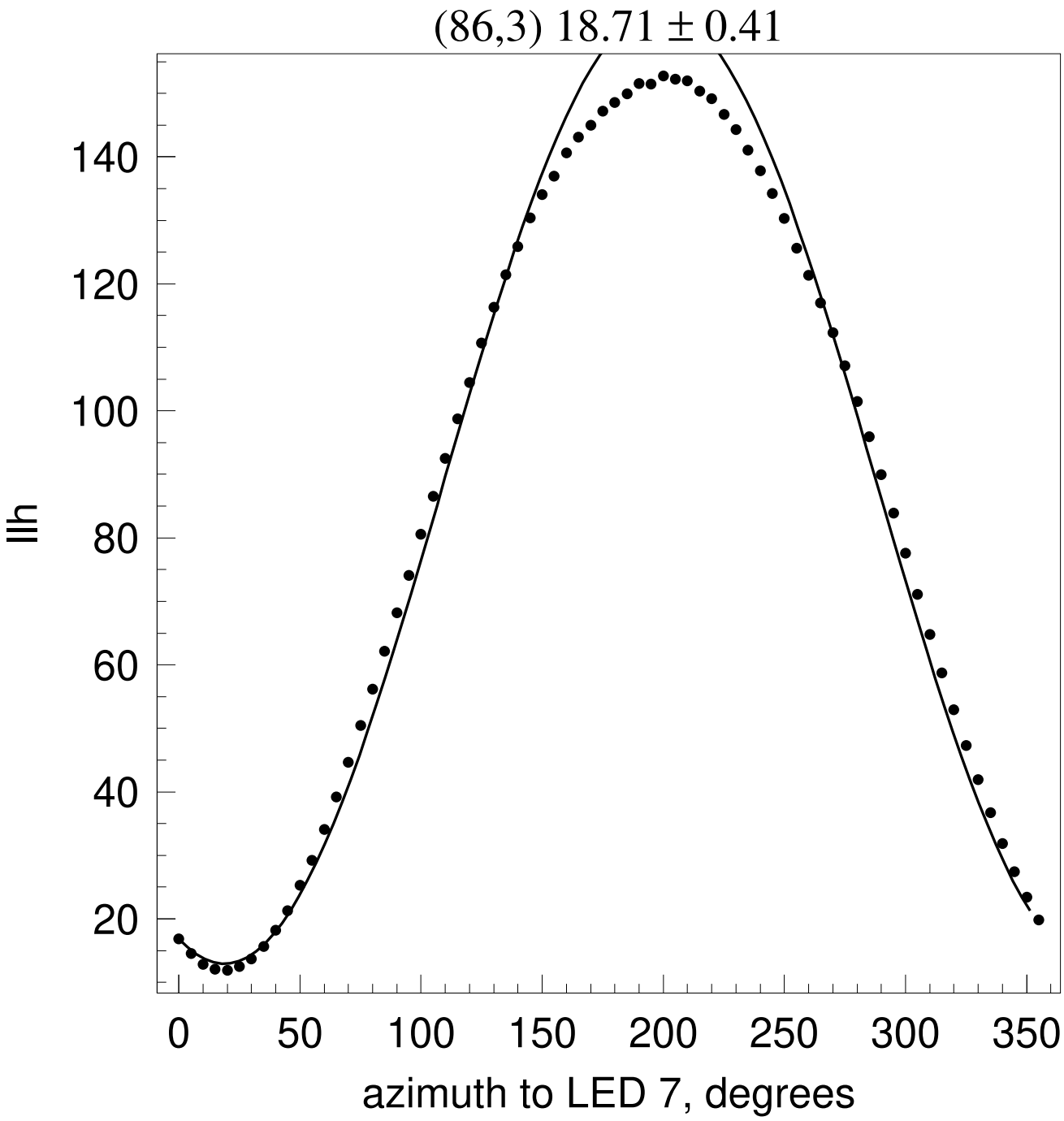

(85,58) 26.21 ± 0.74
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

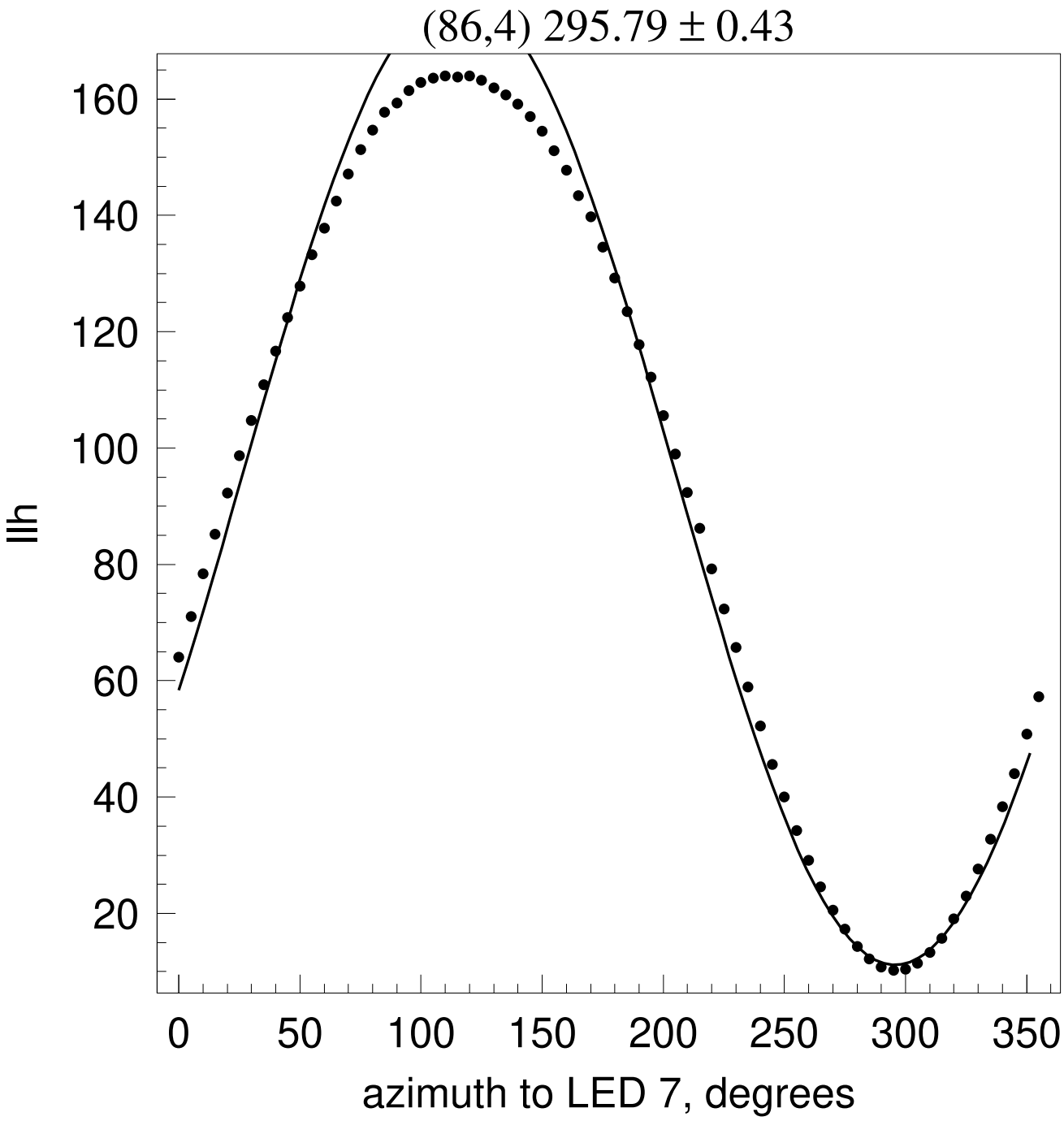

(85,59) 34.04 ± 0.62
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

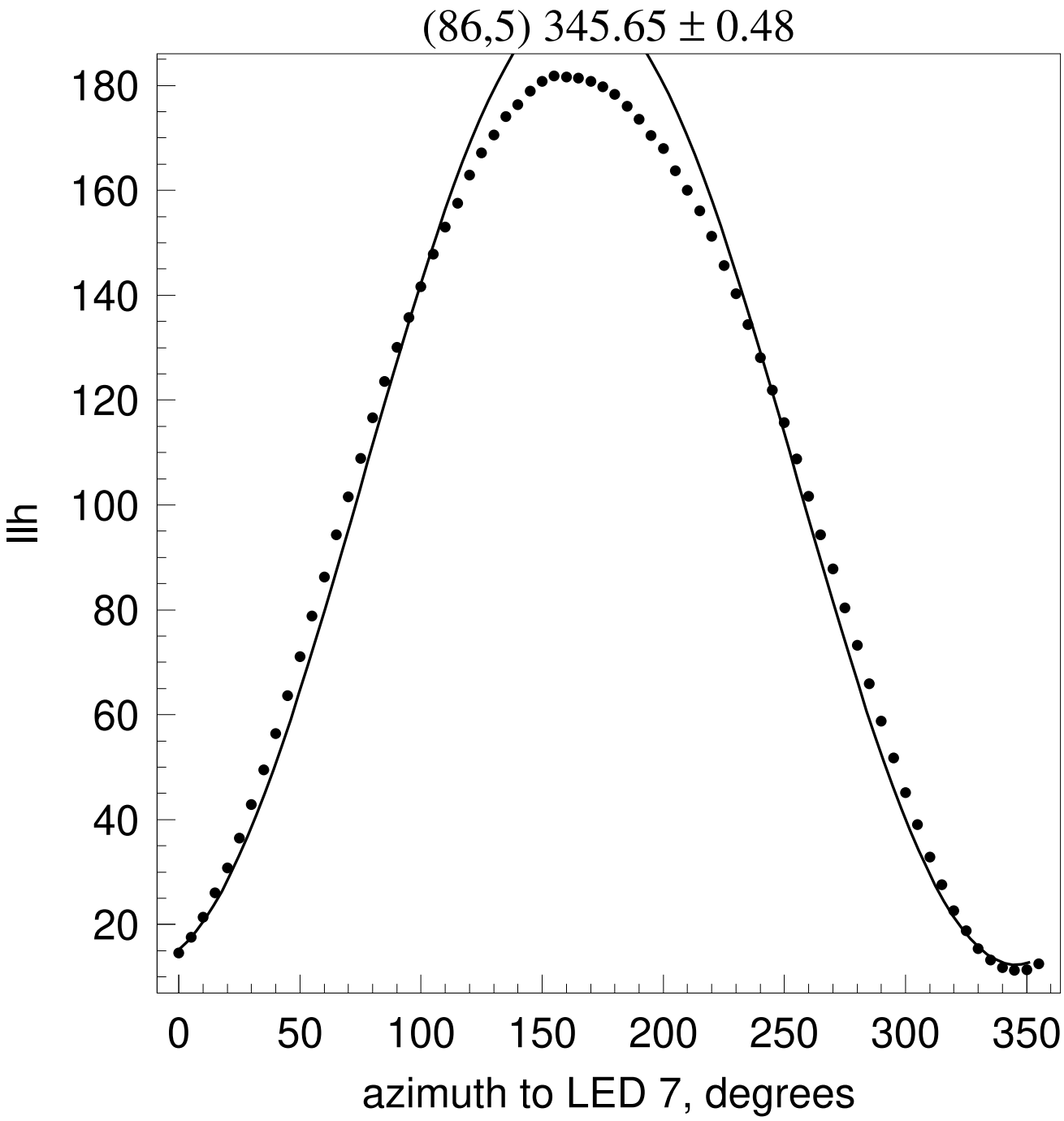

(85,60) 125.57 ± 0.78
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

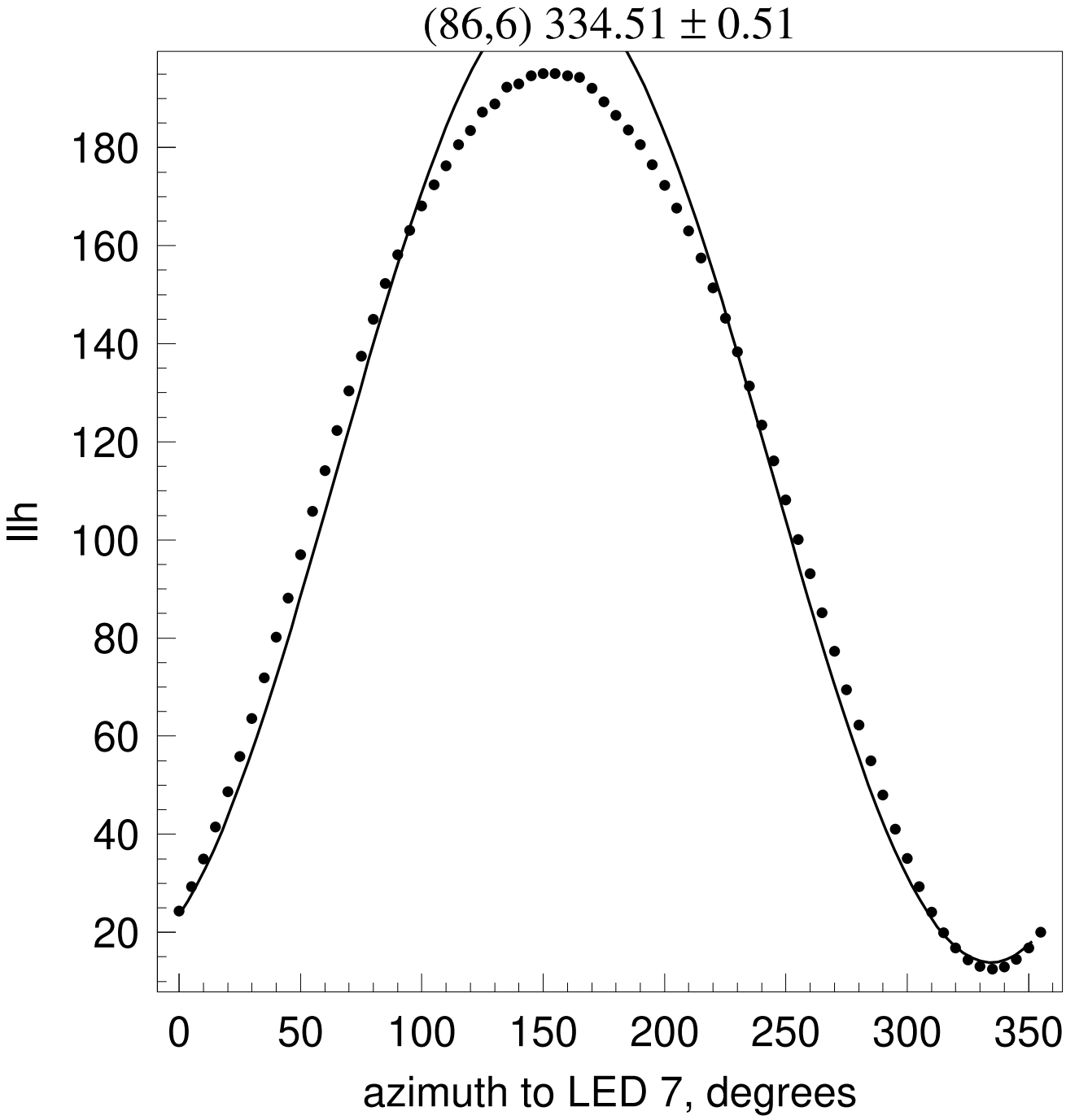

(86,1) 241.02 ± 0.38
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

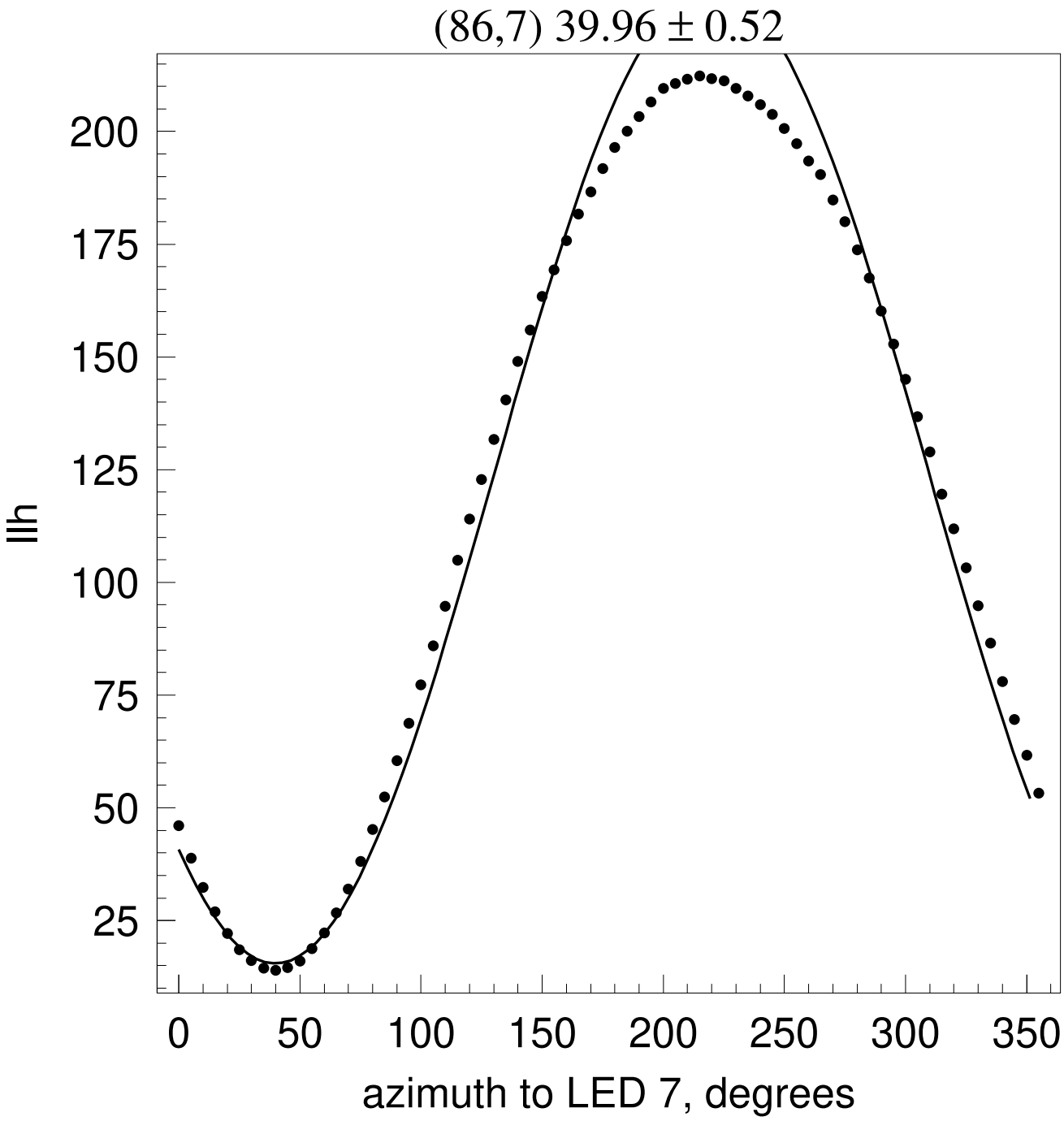

(86,2) 339.05 ± 0.40
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

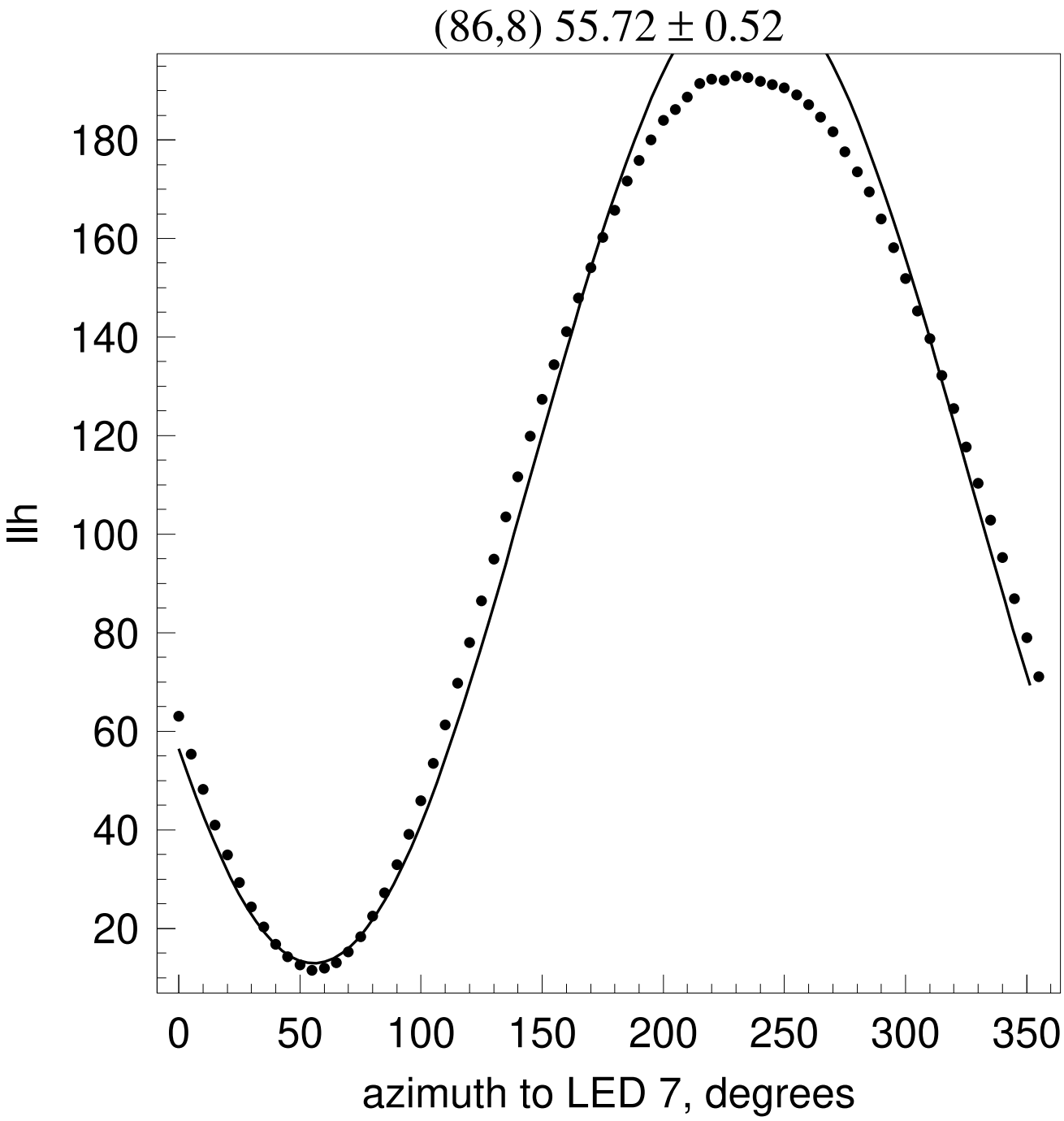

(86,3) 18.71 ± 0.41
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

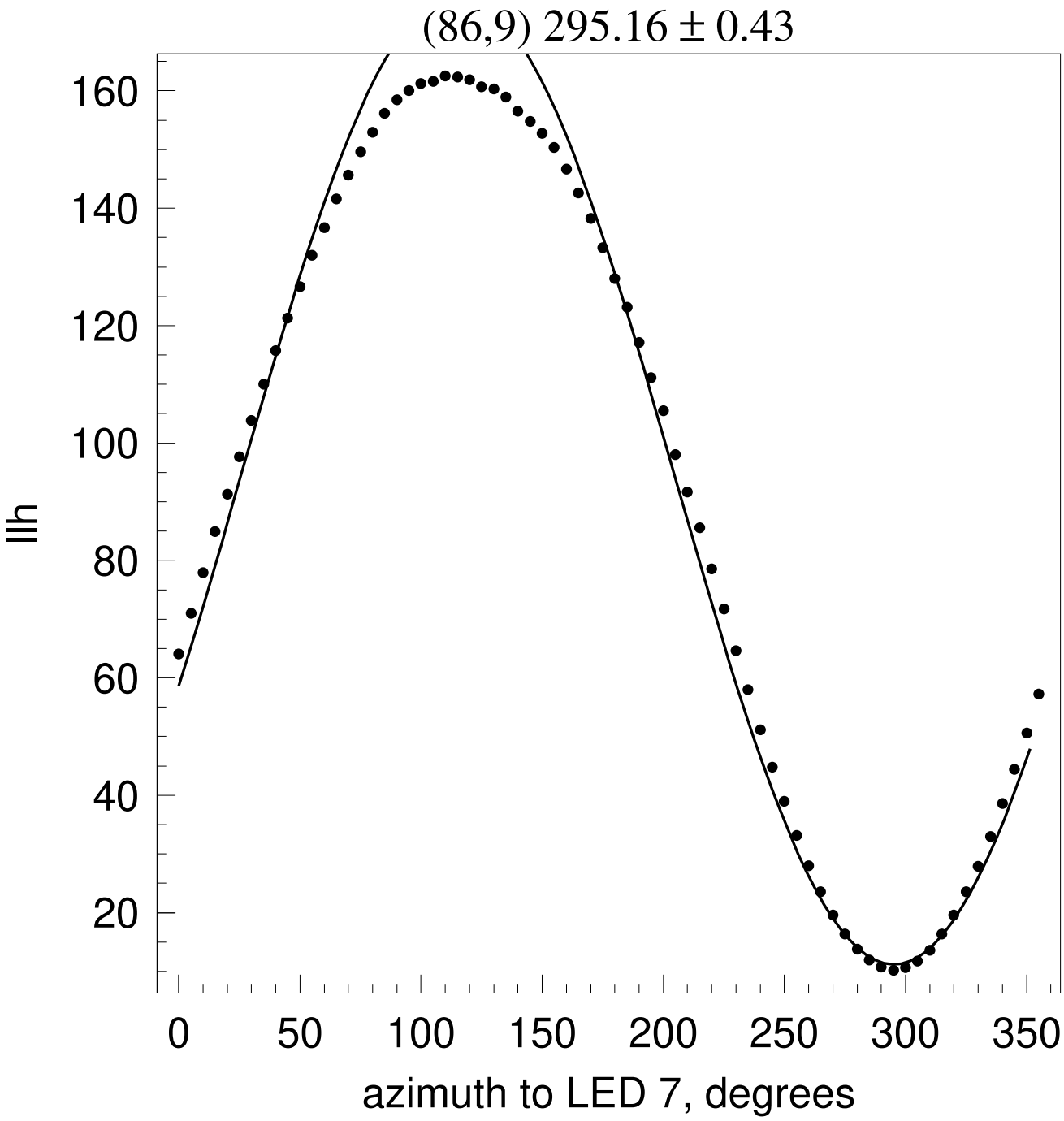

(86,4) 295.79 ± 0.43
160
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

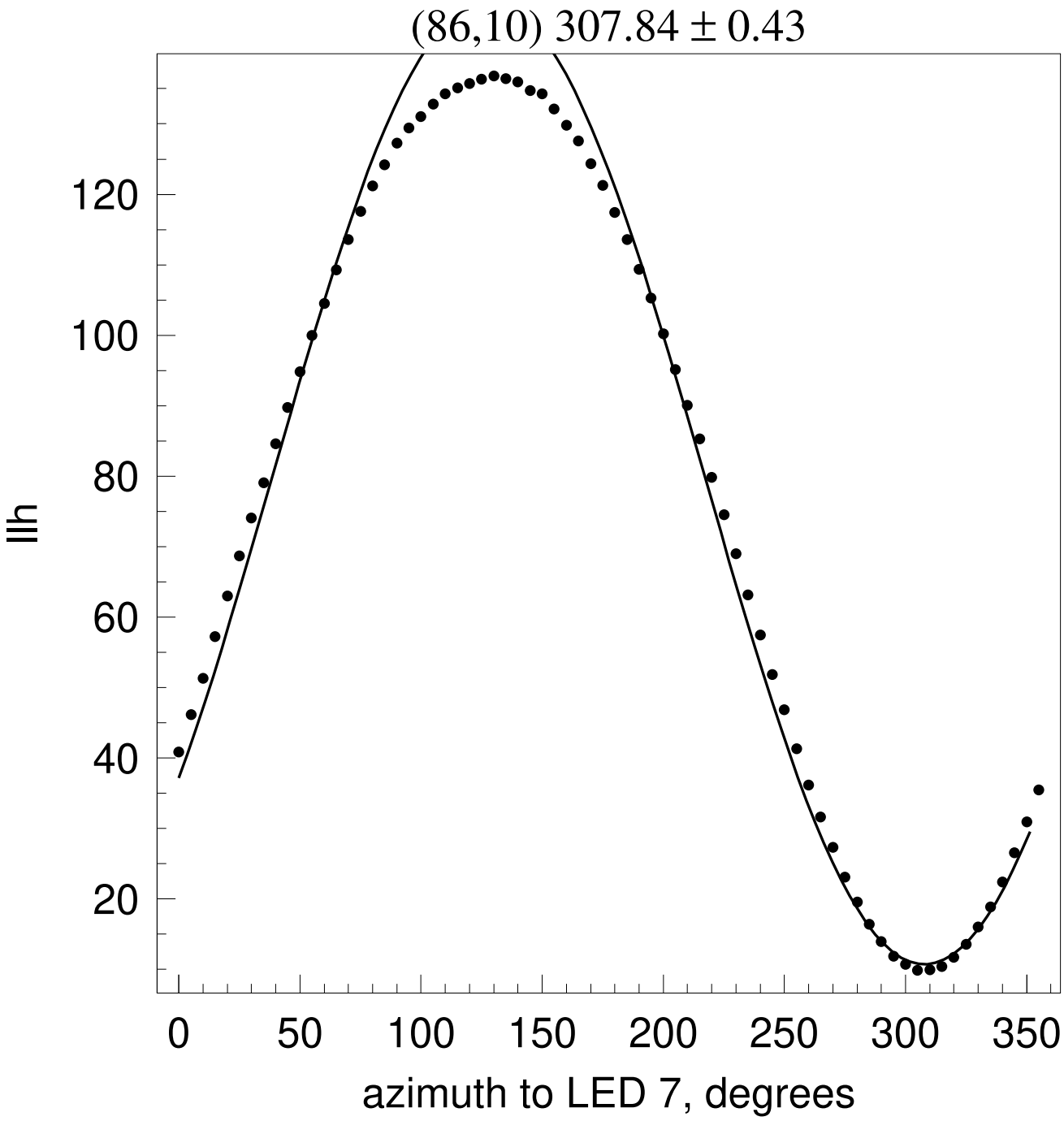

(86,5) 345.65 ± 0.48
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

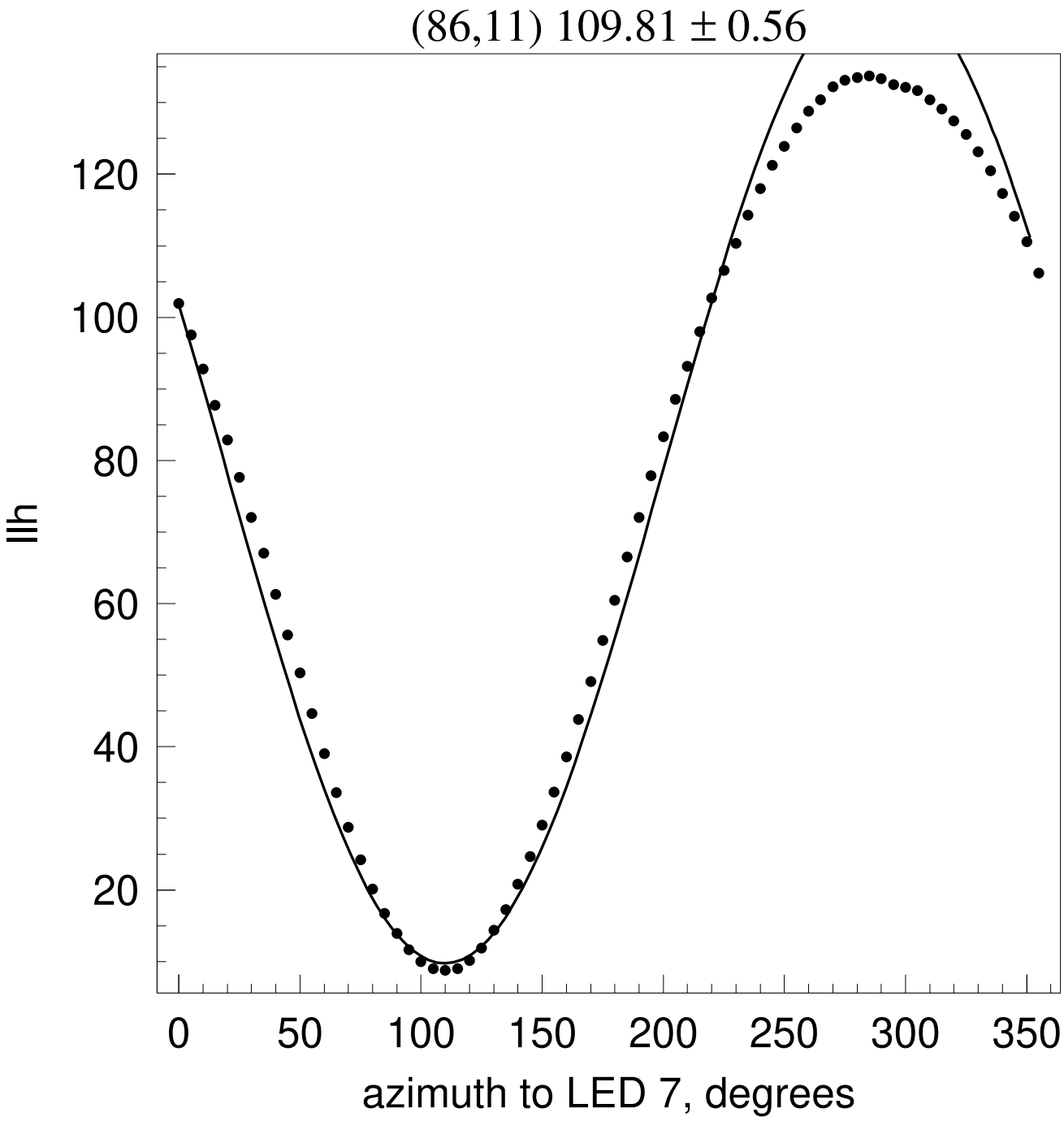

(86,6) 334.51 ± 0.51
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

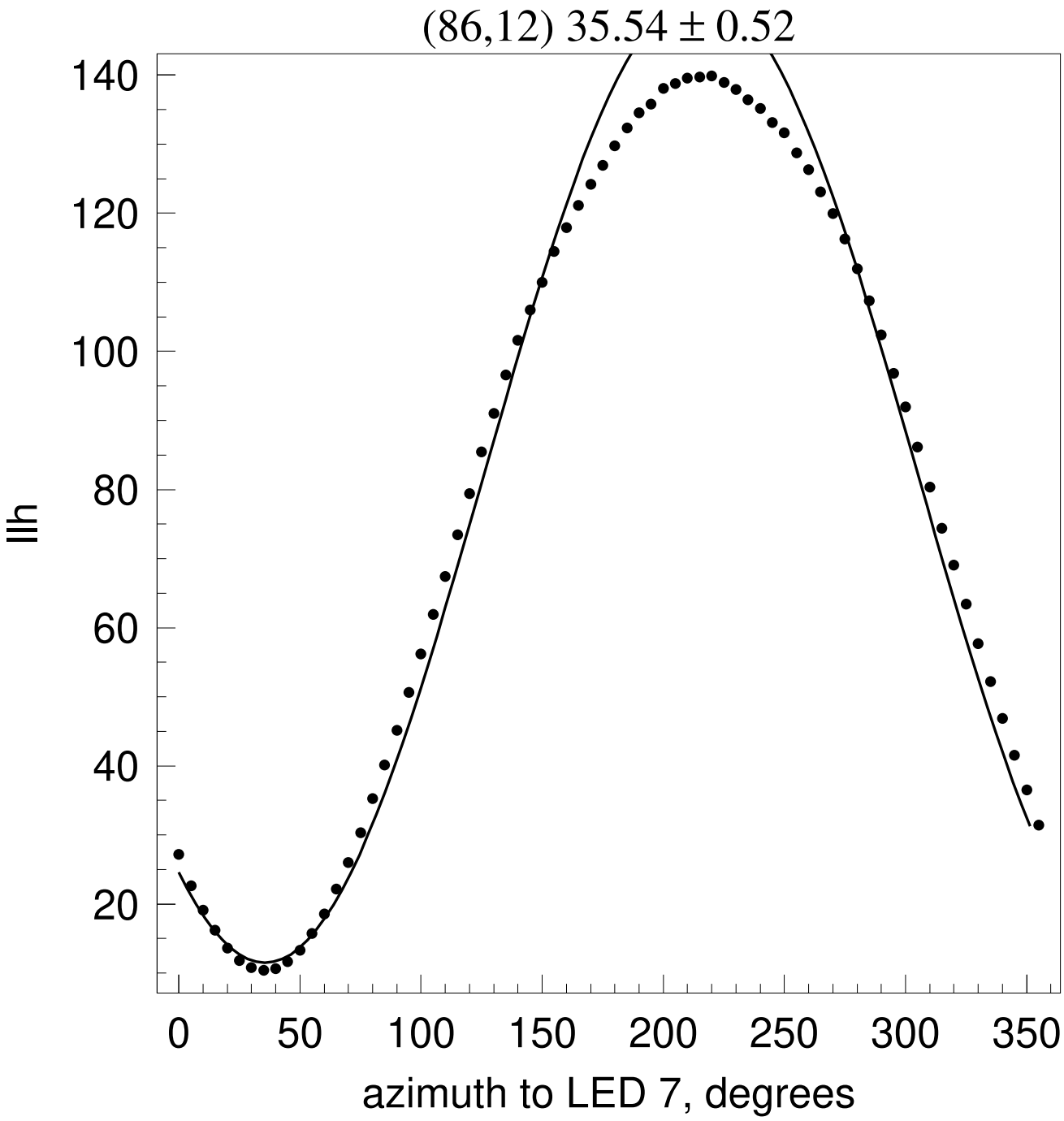

(86,7) 39.96 ± 0.52
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

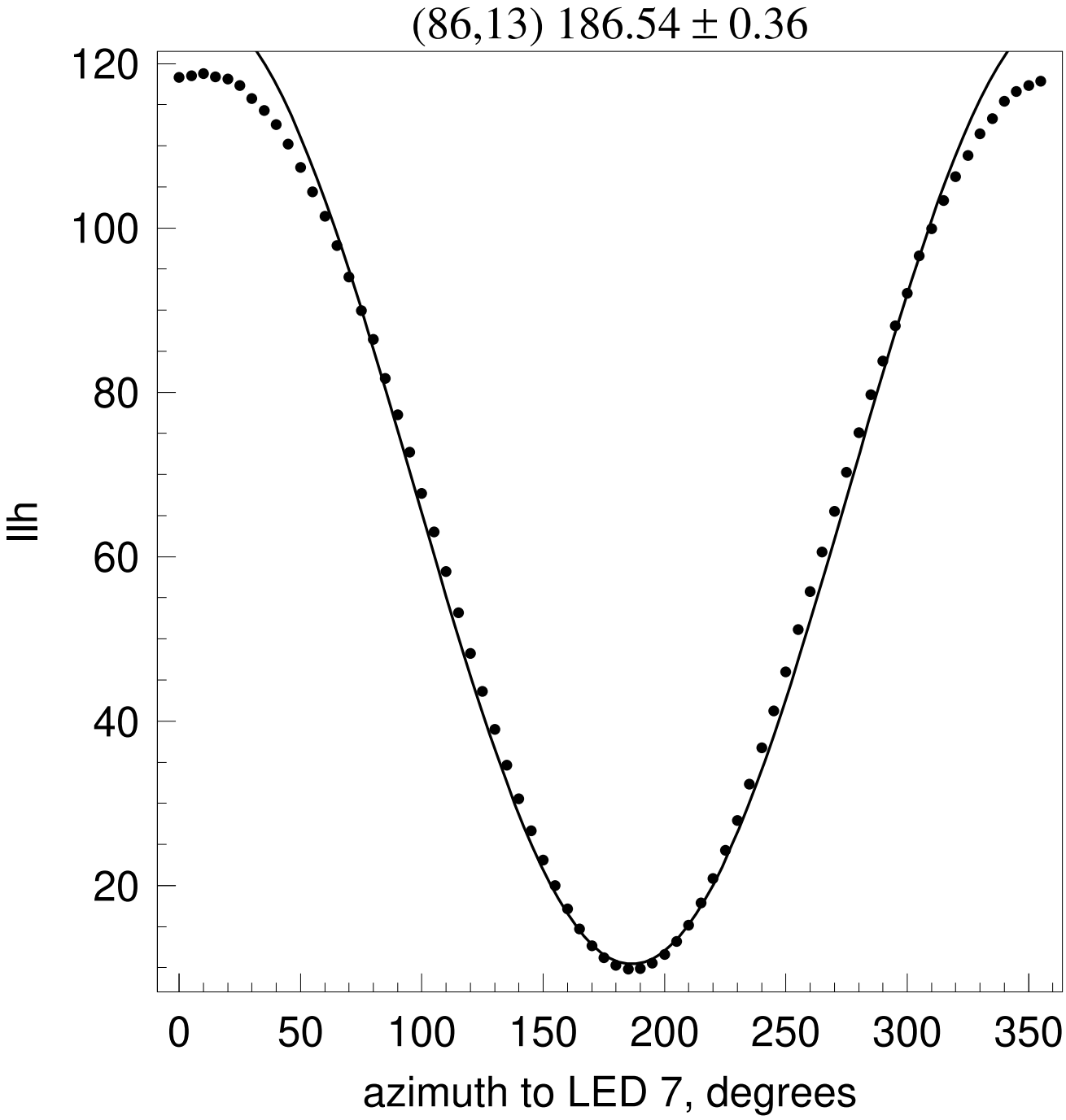

(86,8) 55.72 ± 0.52
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

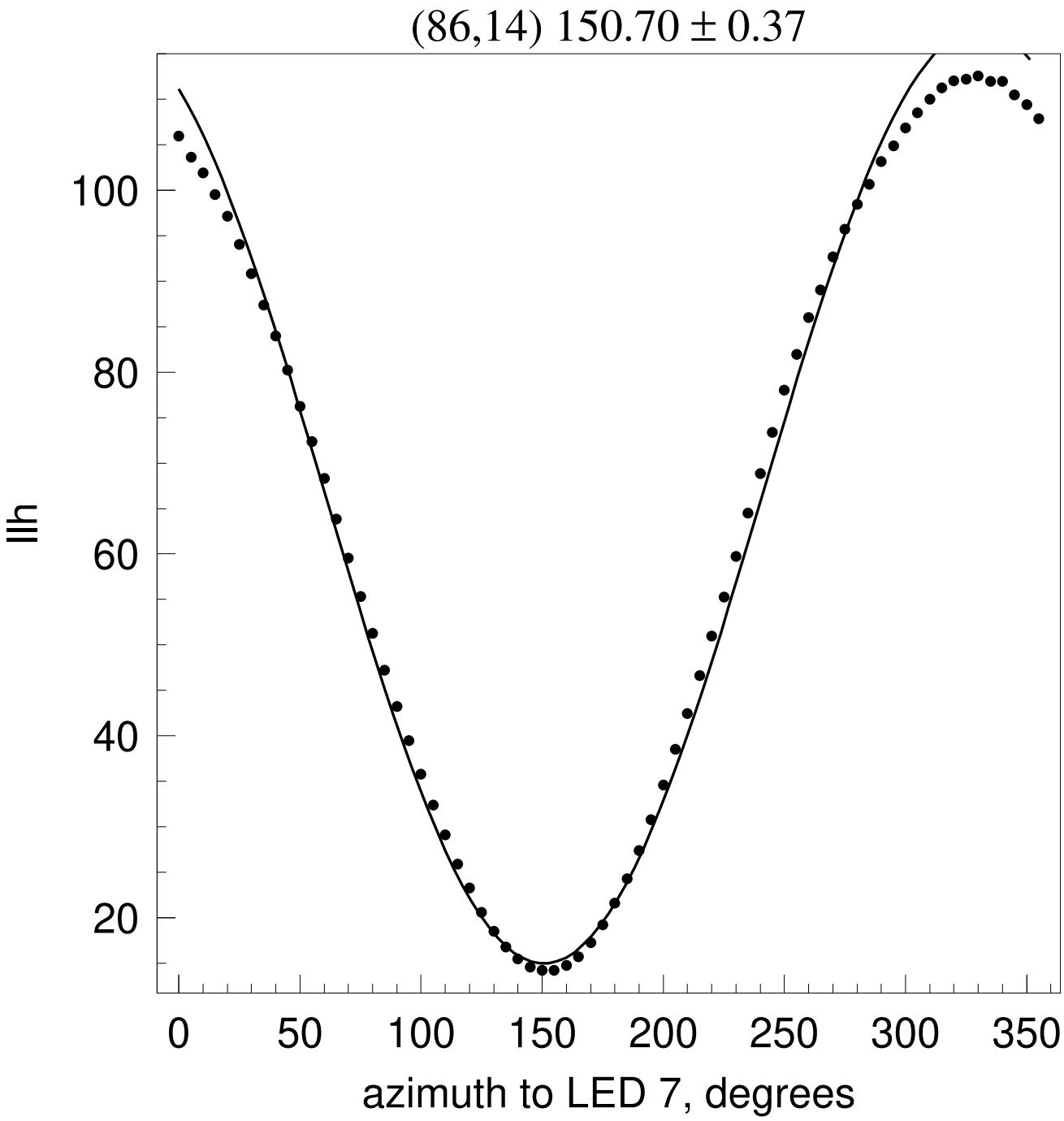

(86,9) 295.16 ± 0.43
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

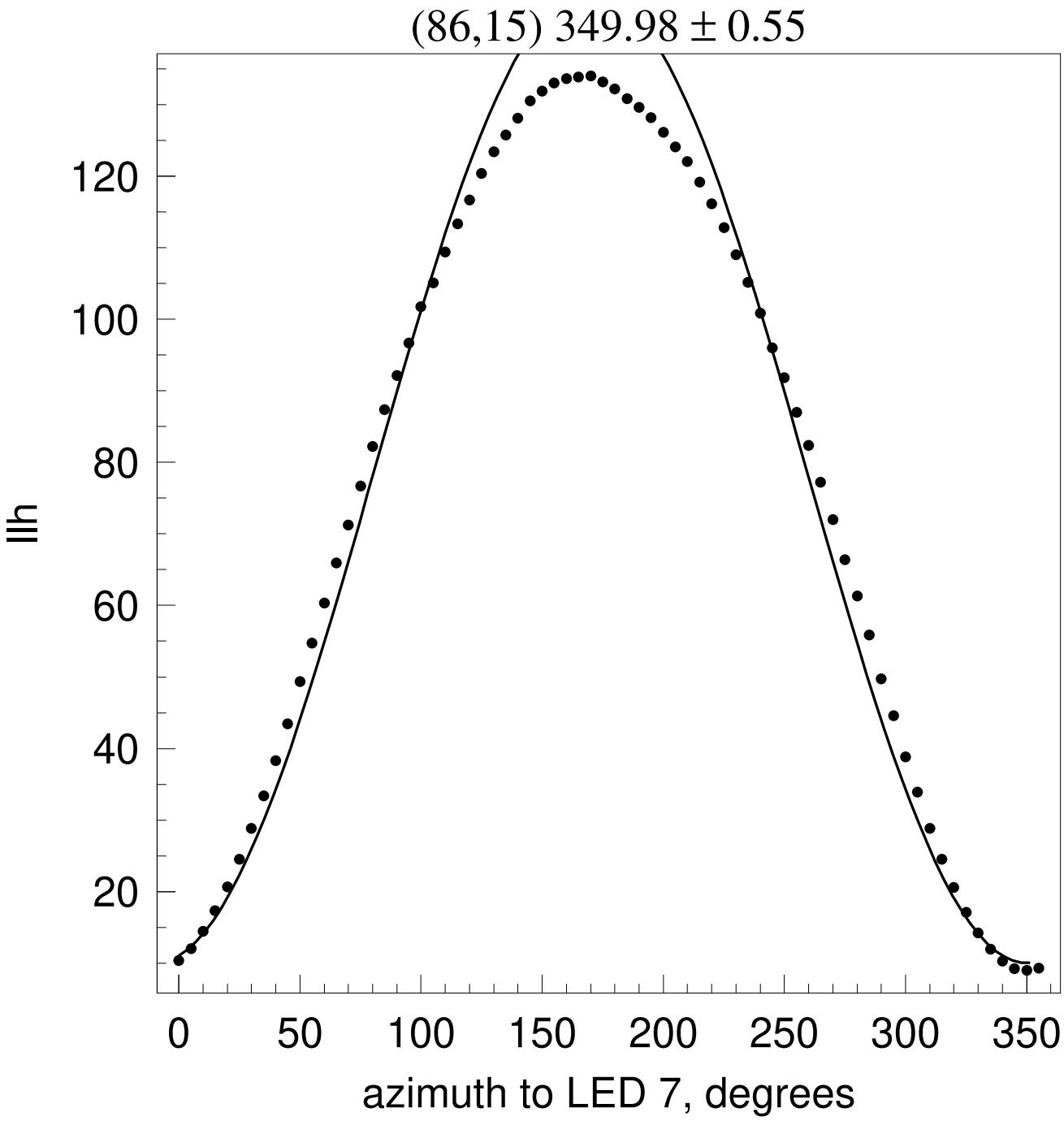

(86,10) 307.84 ± 0.43
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

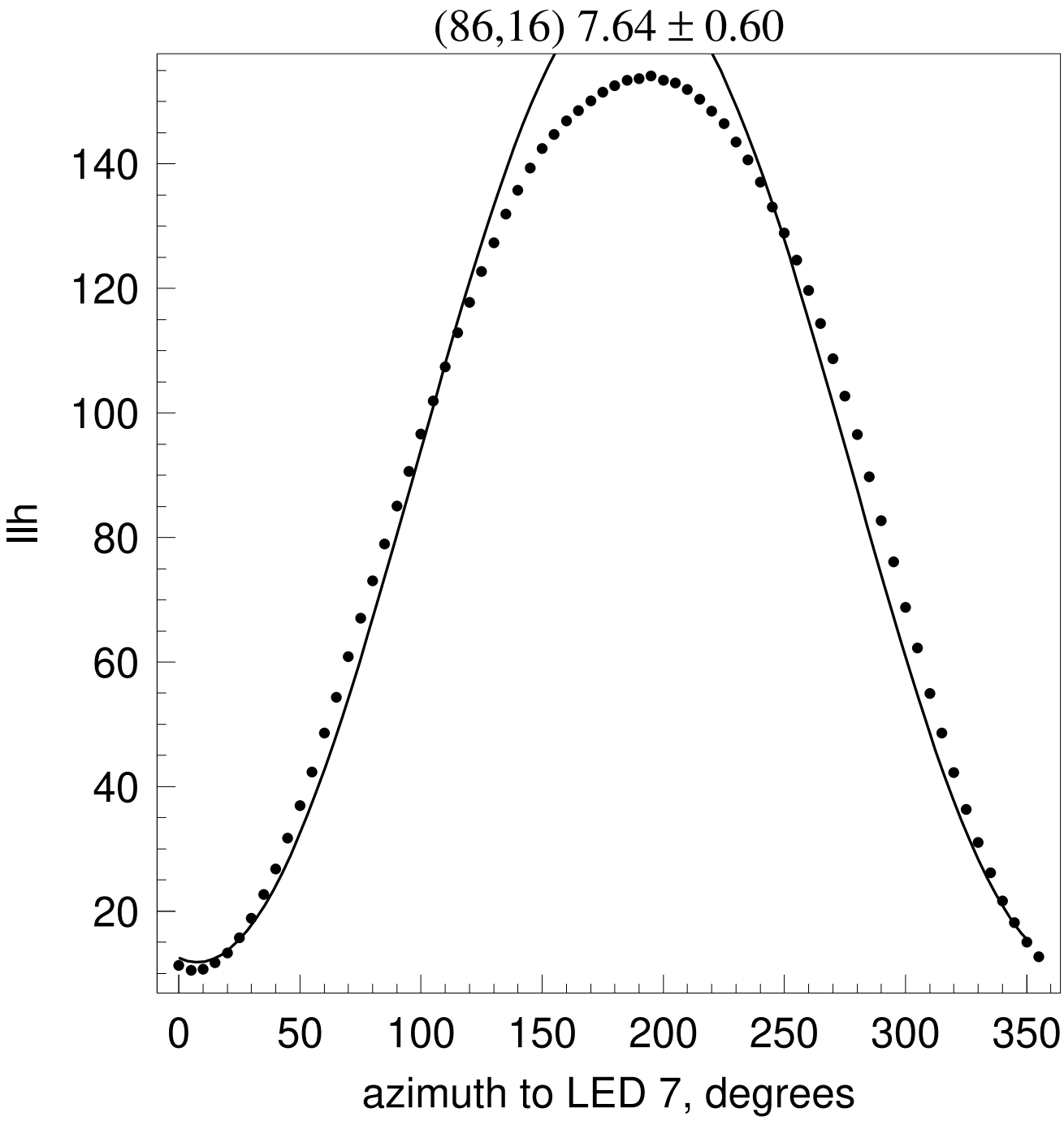

(86,11) 109.81 ± 0.56
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

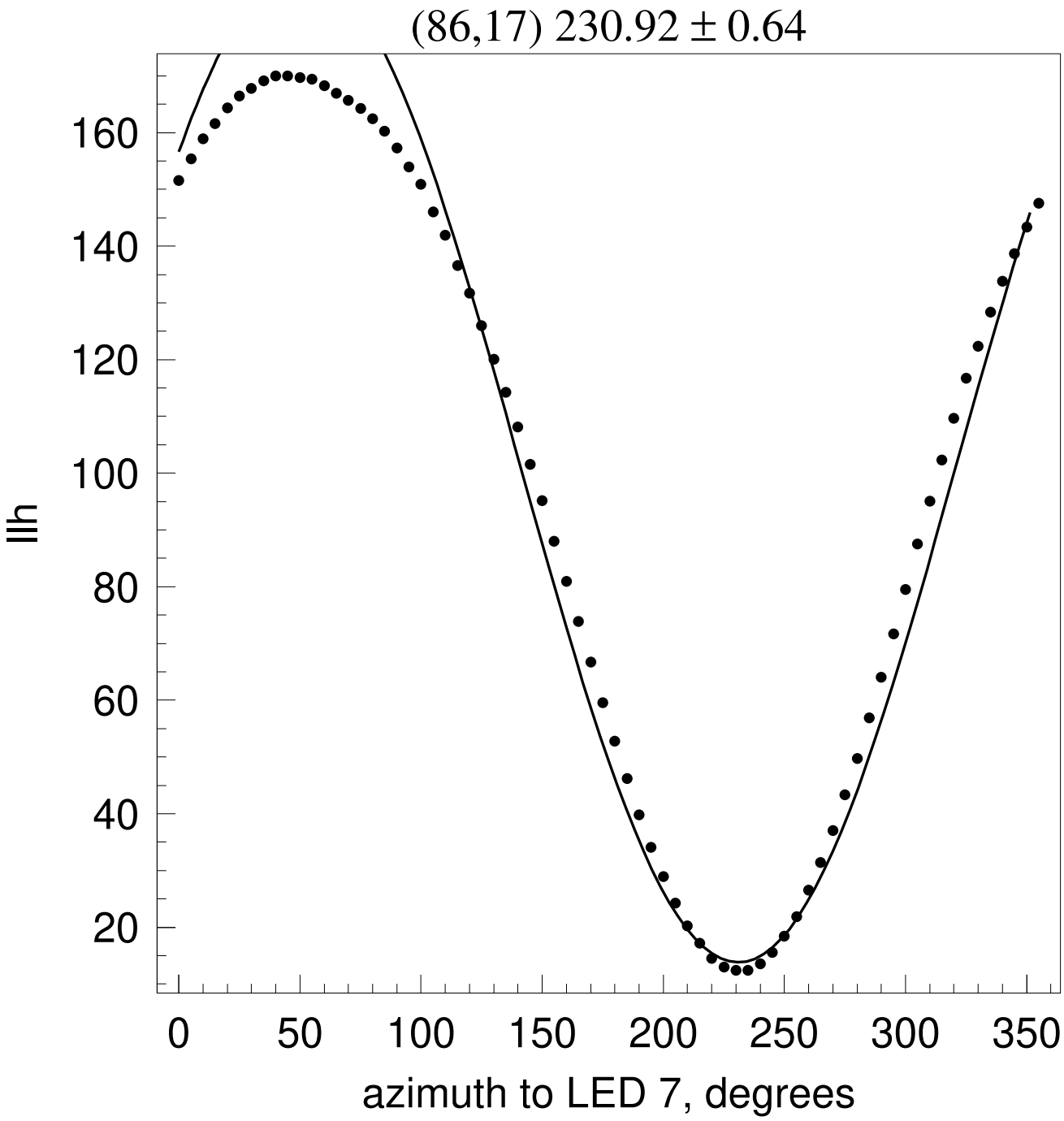

(86,12) 35.54 ± 0.52
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

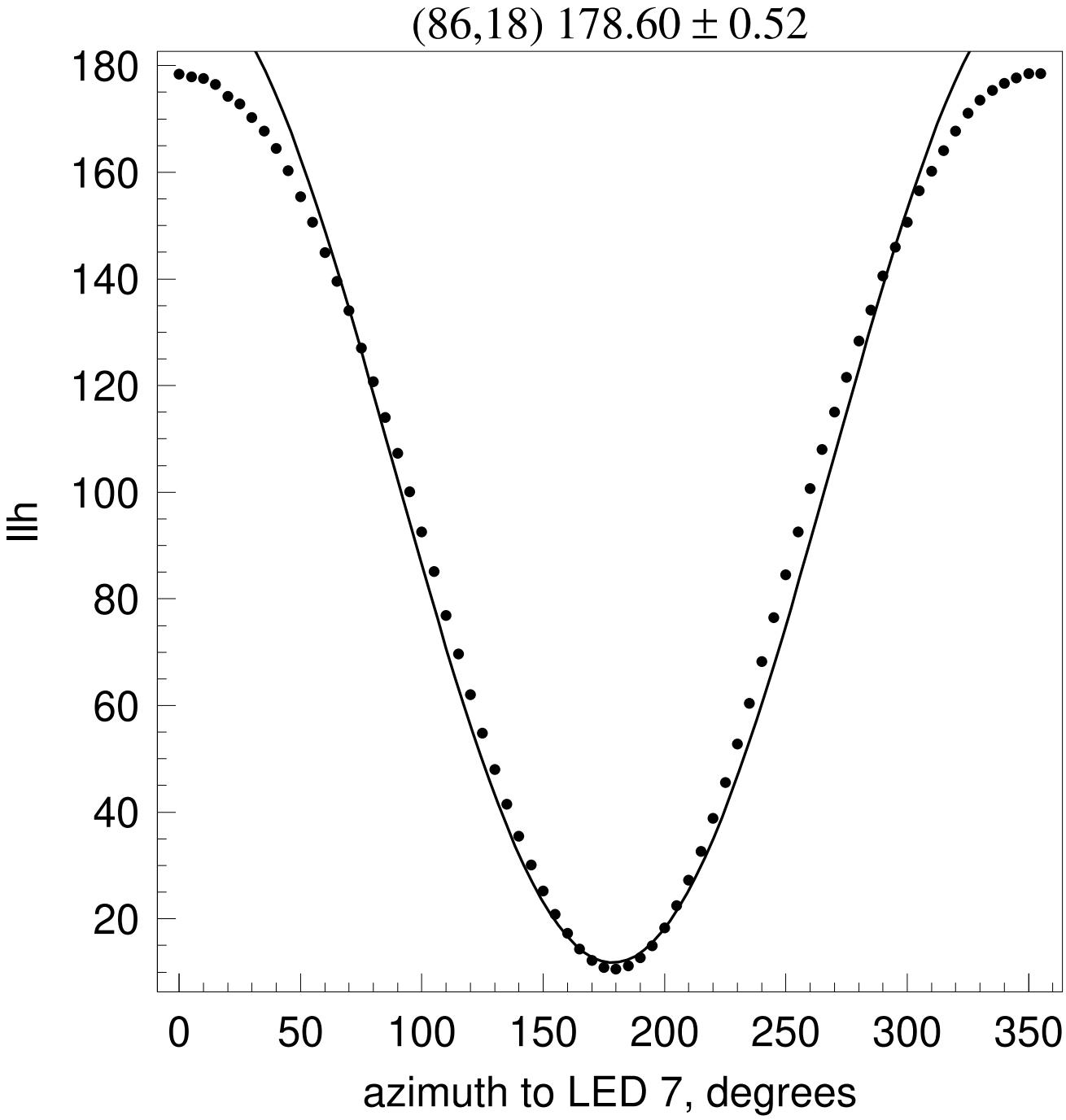

(86,13) 186.54 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

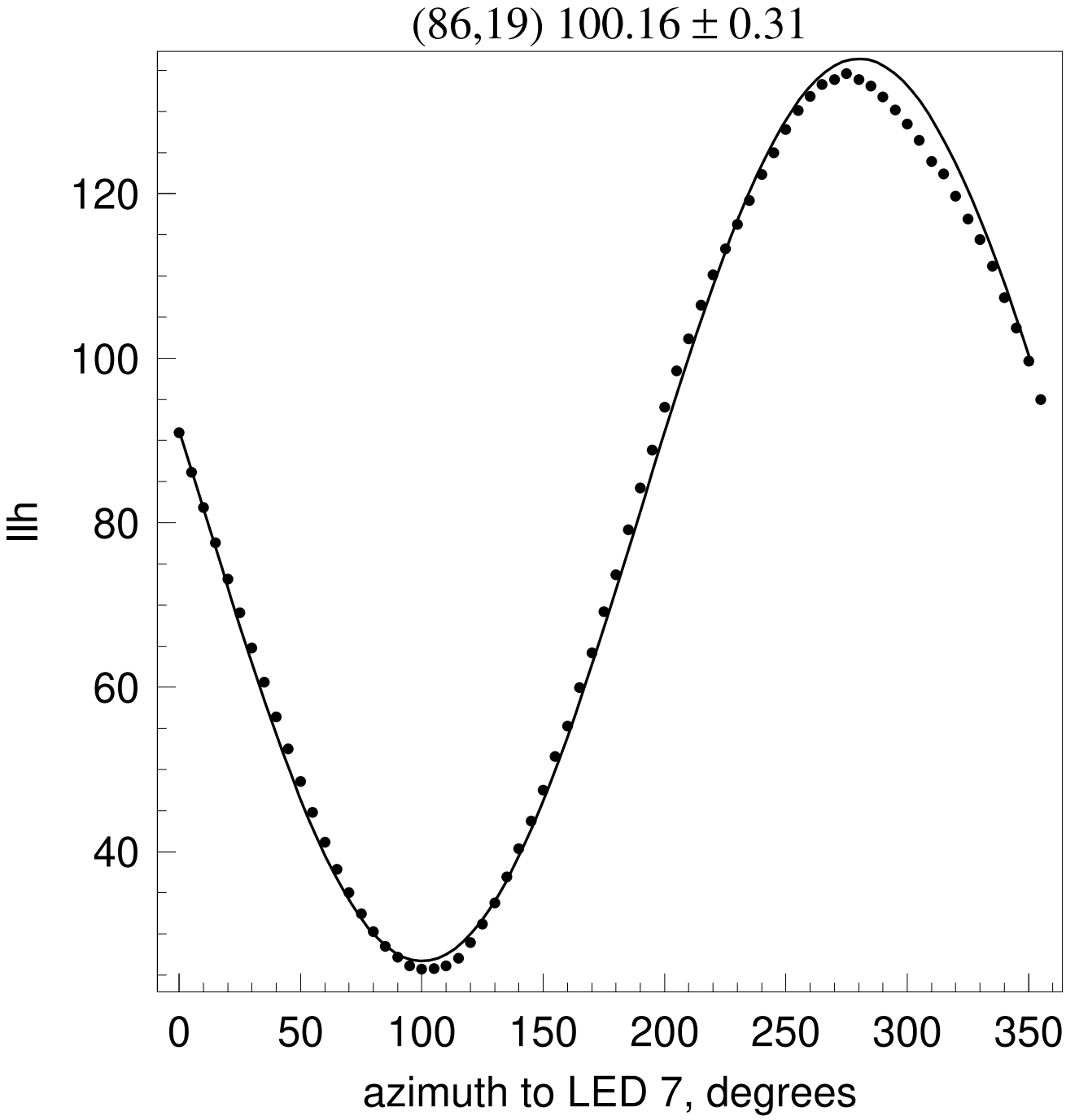

(86,14) 150.70 ± 0.37
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

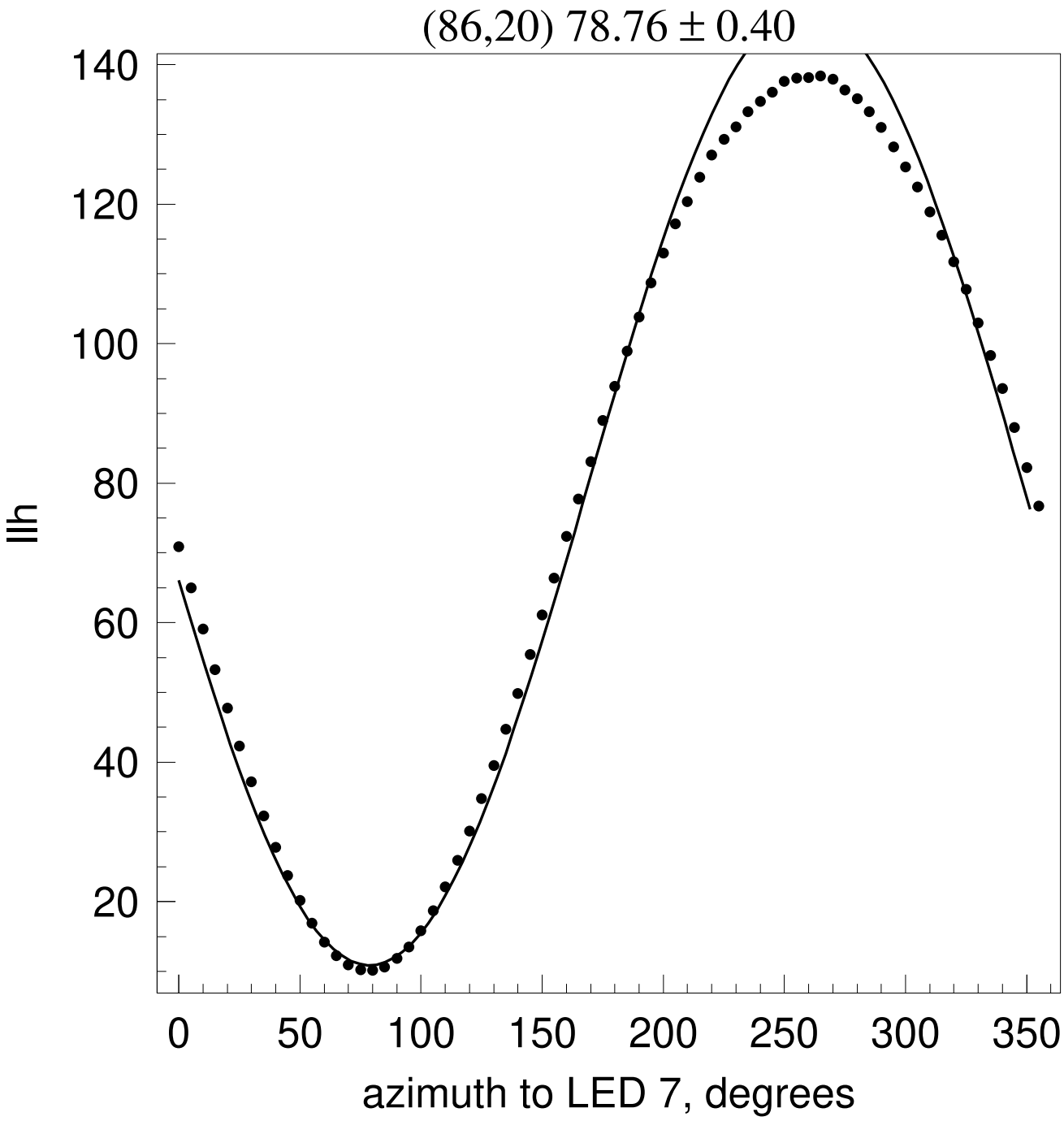

(86,15) 349.98 ± 0.55
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

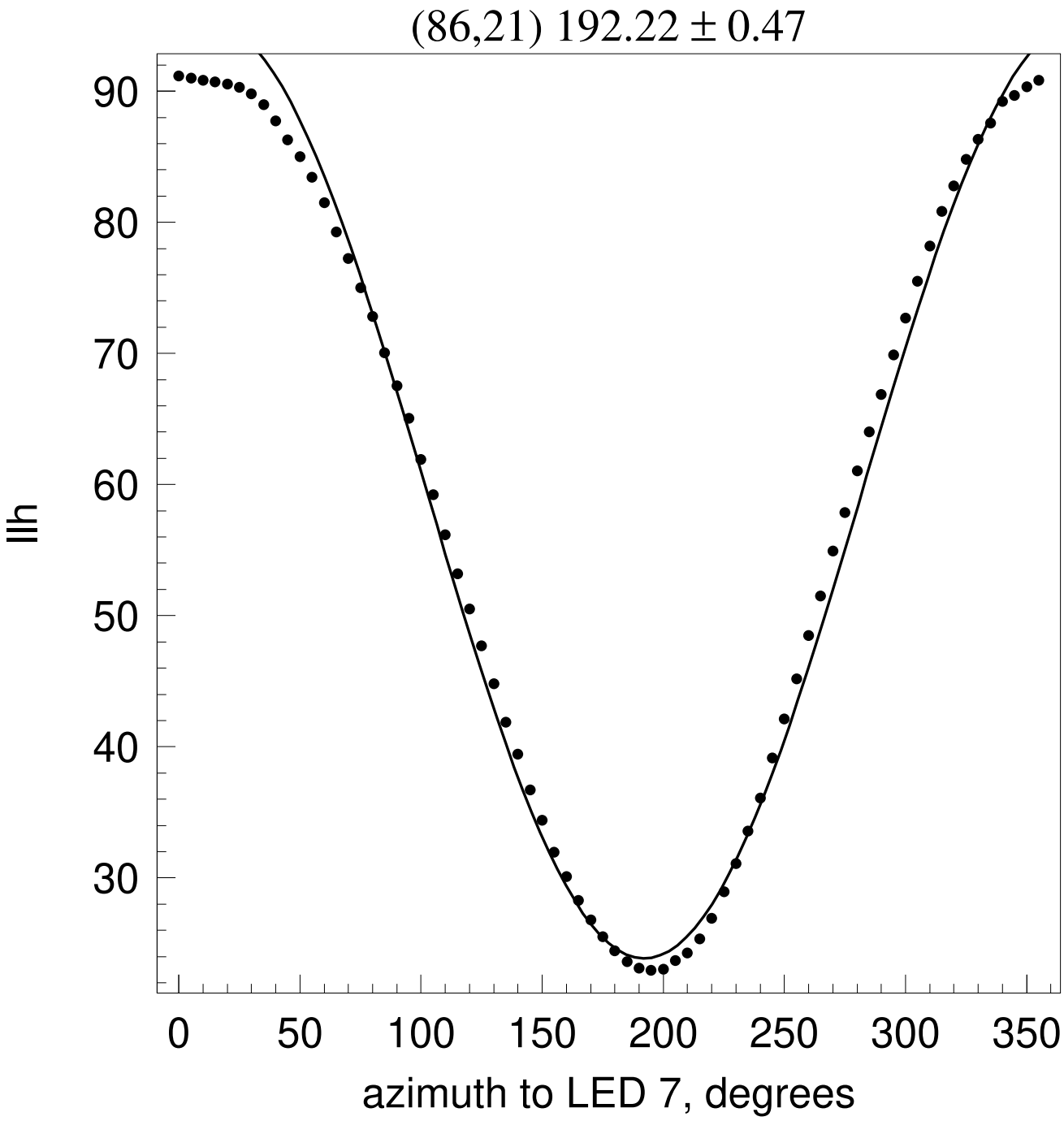

(86,16) 7.64 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

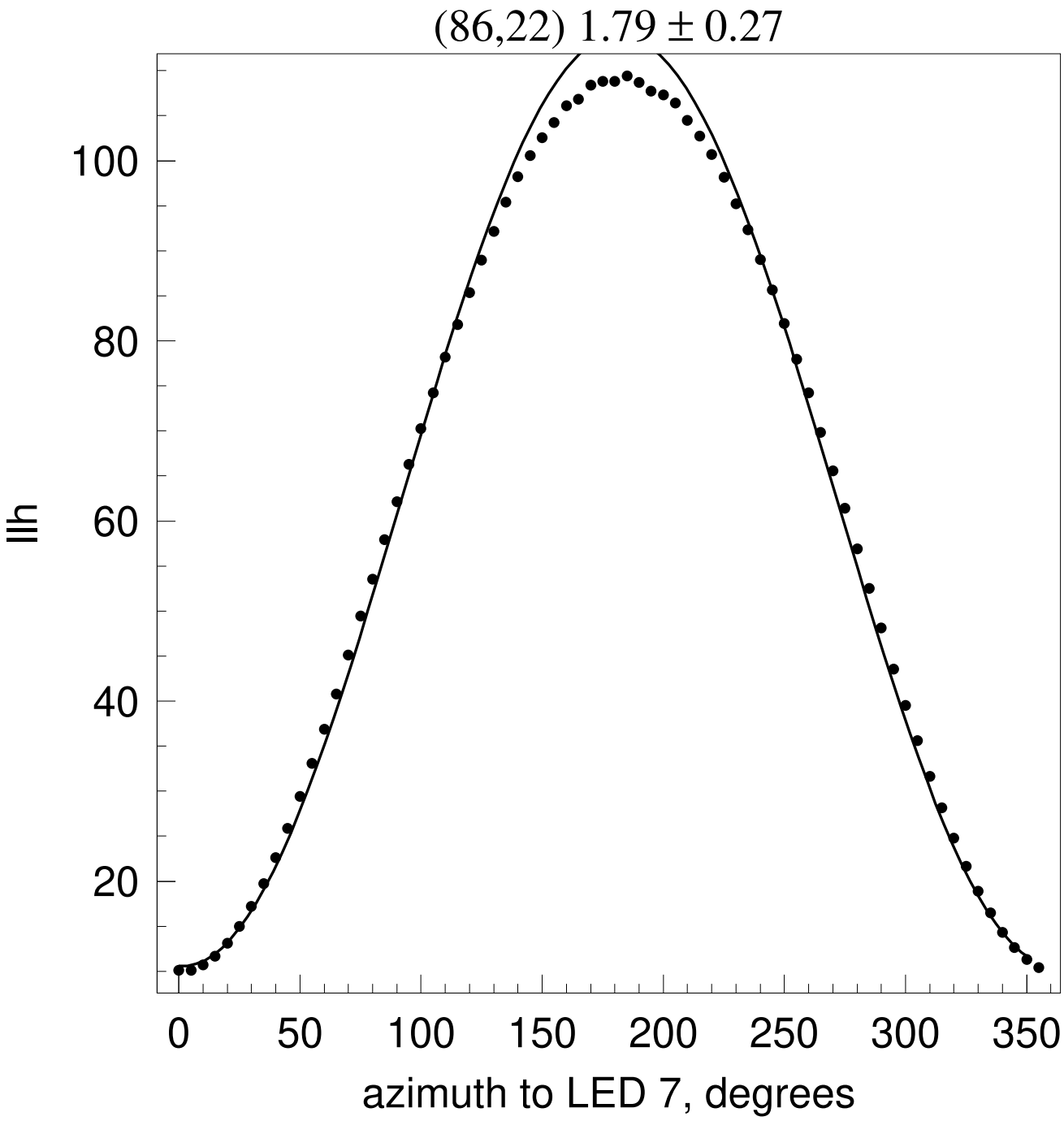

(86,17) 230.92 ± 0.64
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

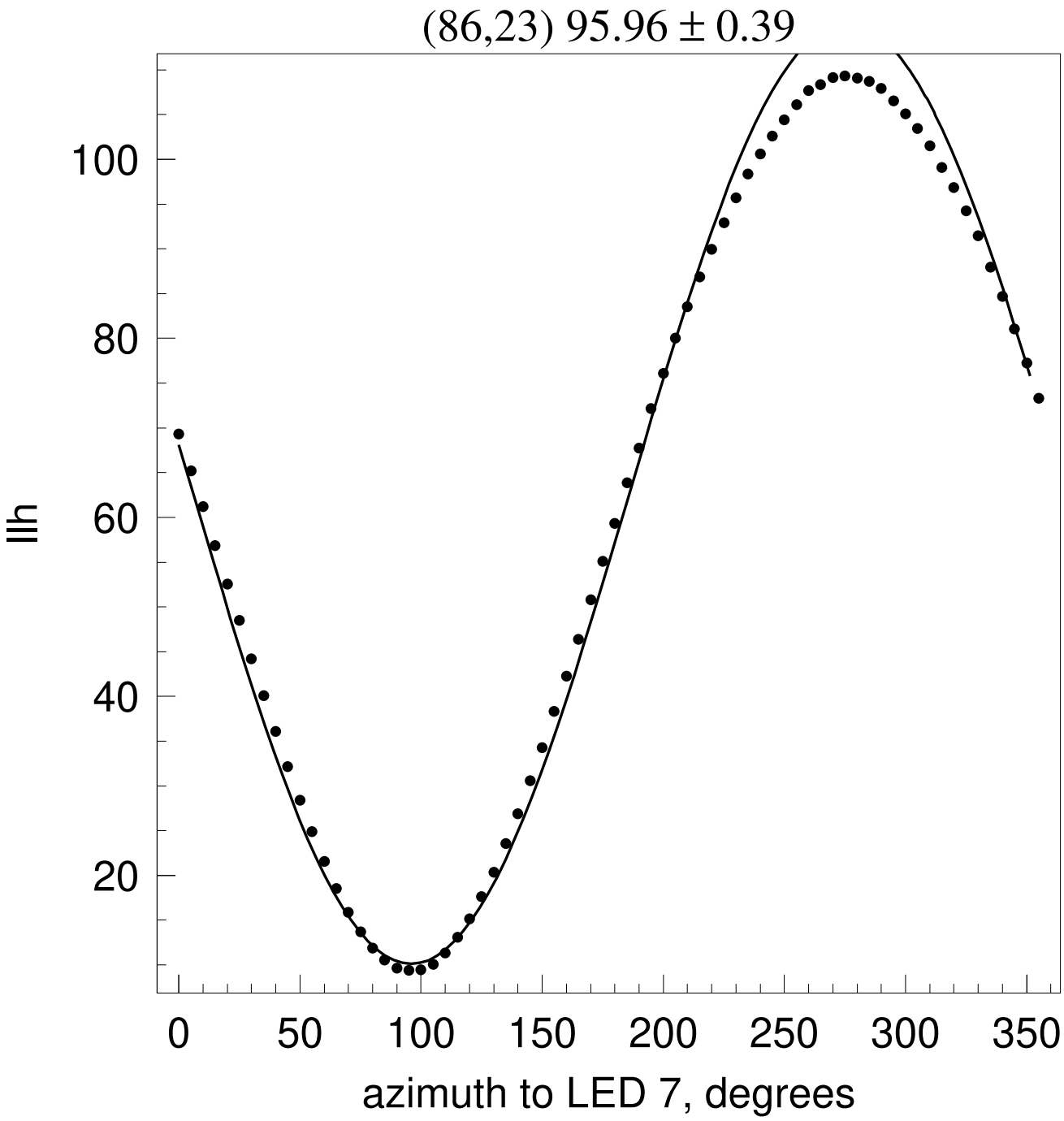

(86,18) 178.60 ± 0.52
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

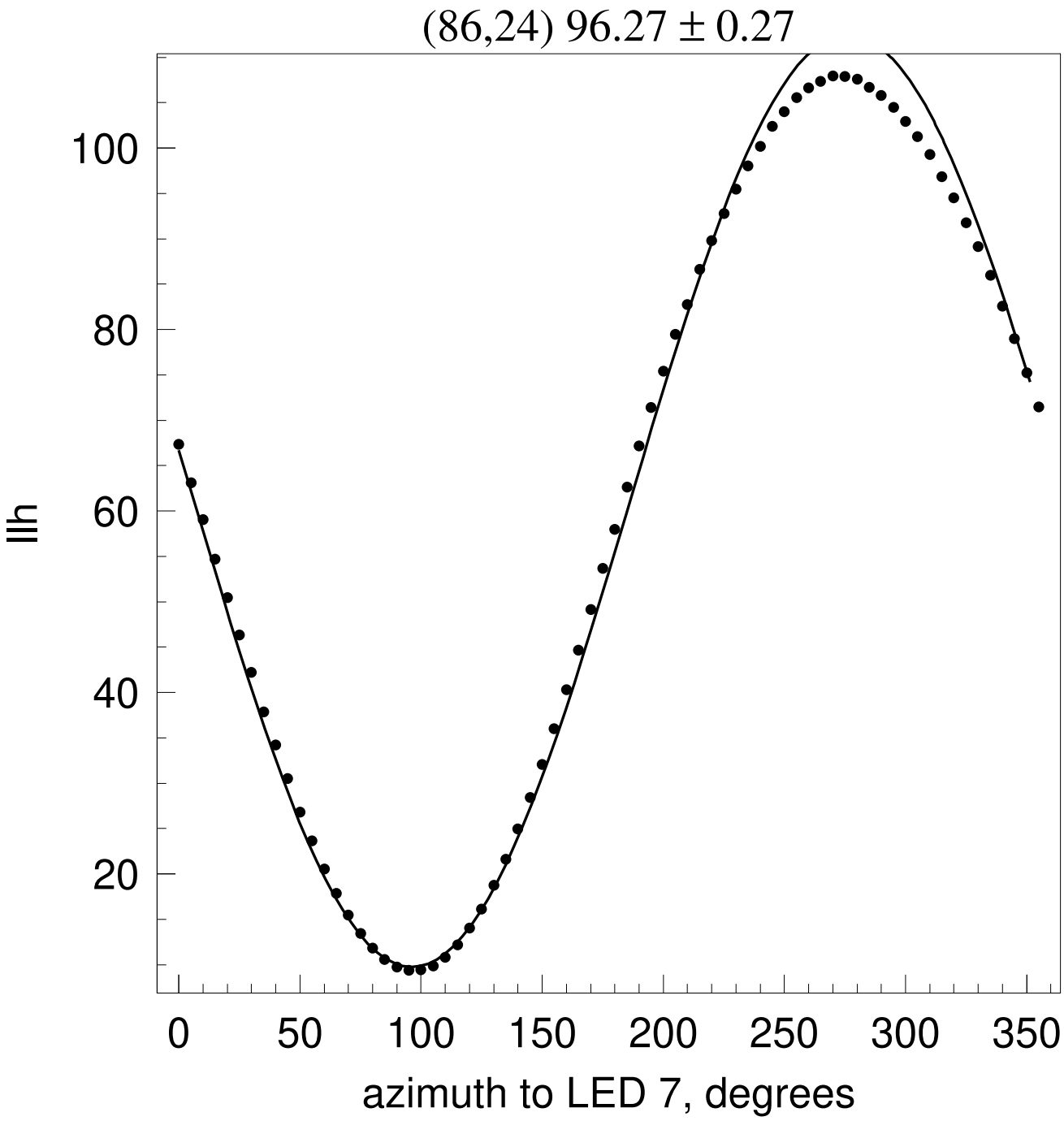

(86,19) 100.16 ± 0.31
120
100
80
60
40
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

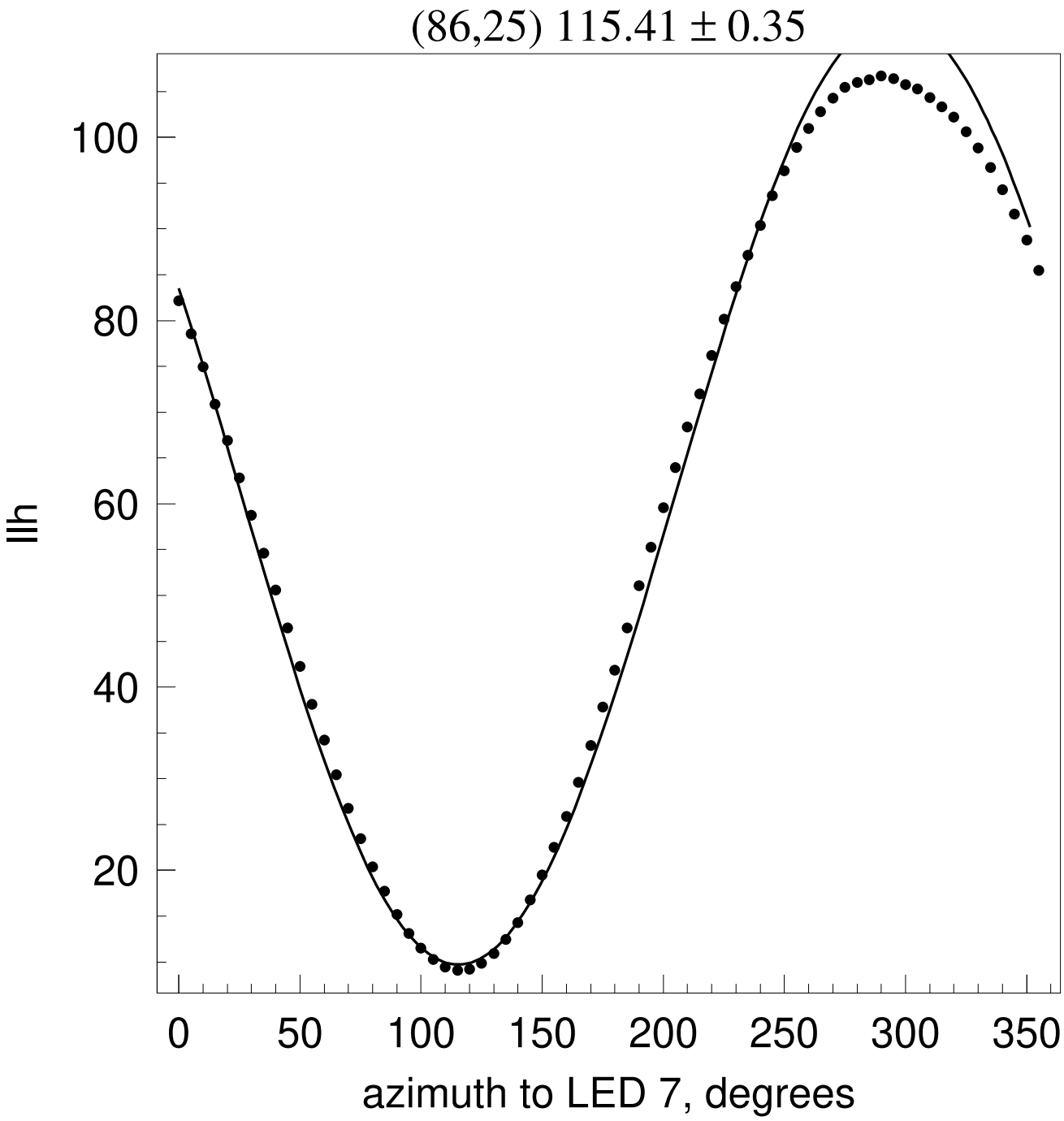

(86,20) 78.76 ± 0.40
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

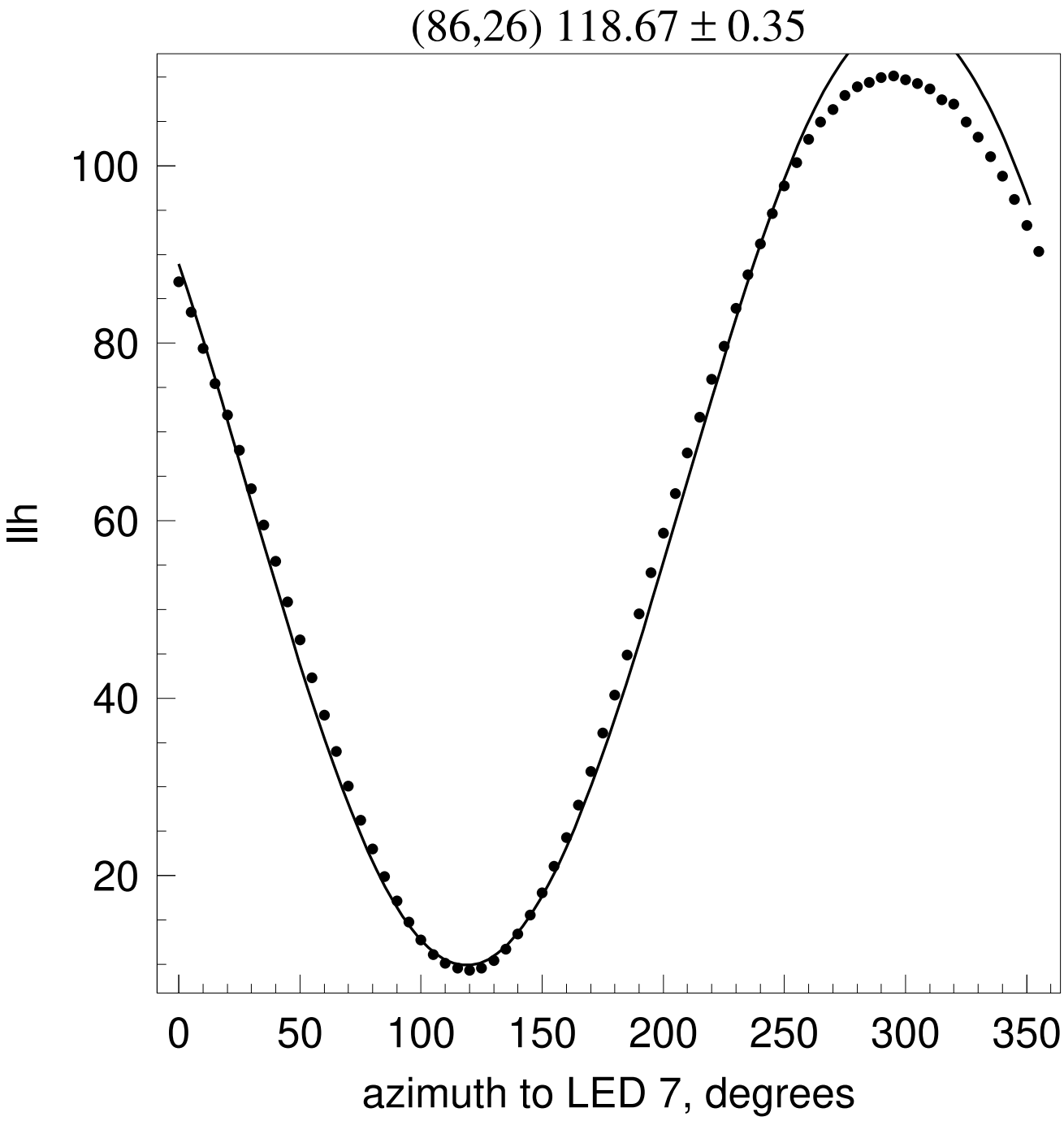

(86,21) 192.22 ± 0.47
90
80
70
60
50
40
30
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

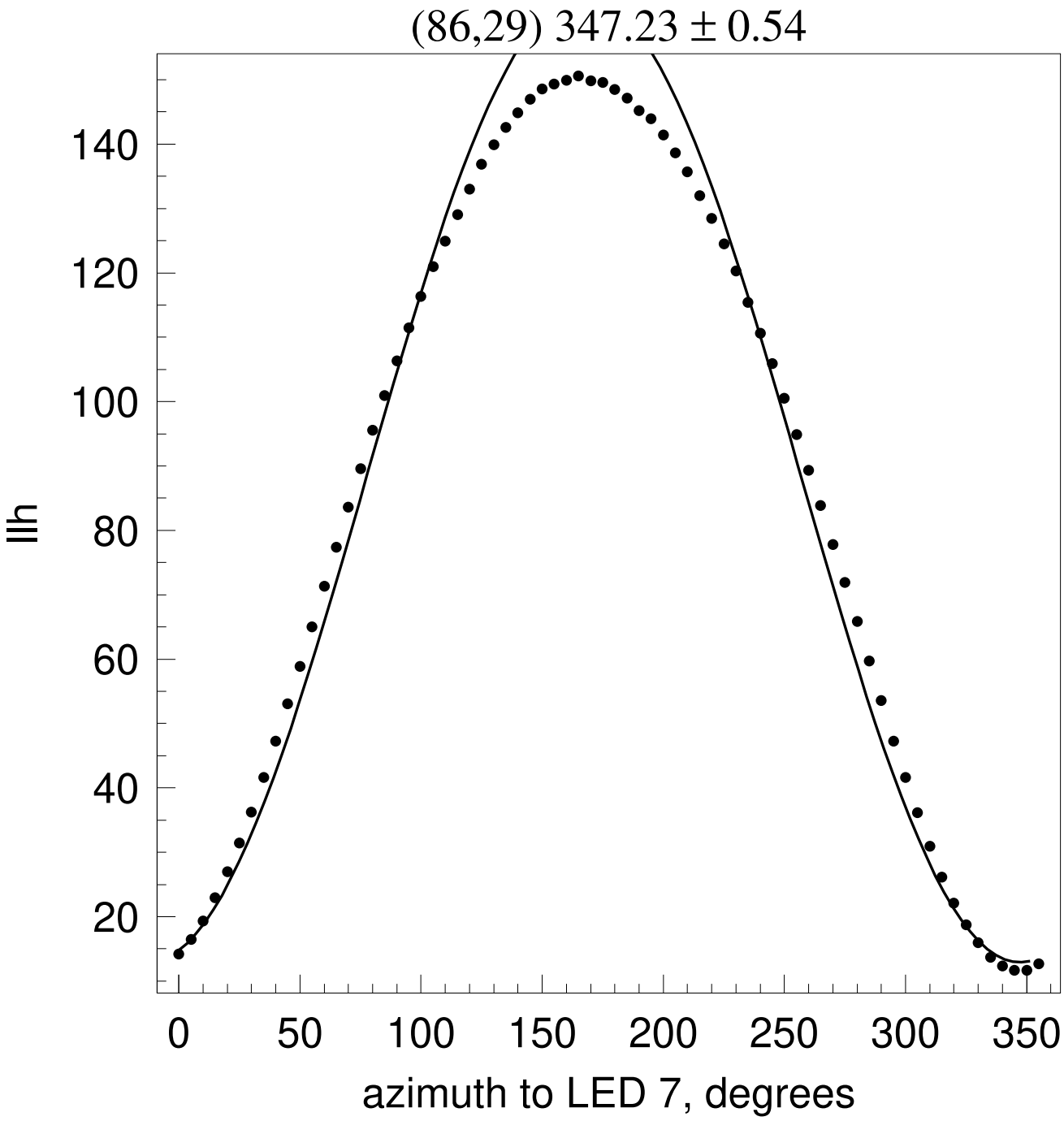

(86,22) 1.79 ± 0.27
100
80
60
40
20
lln
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

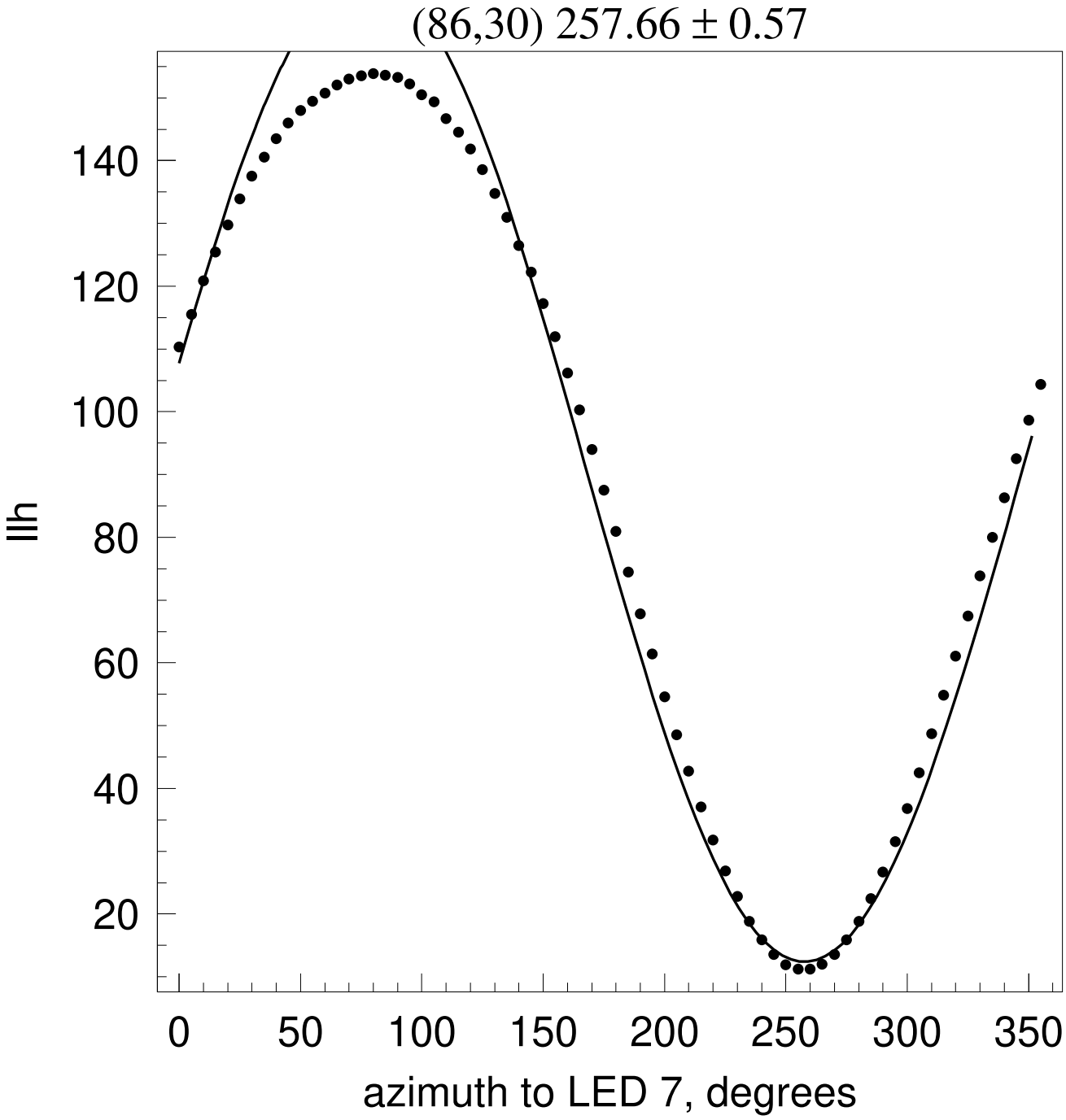

(86,23) 95.96 ± 0.39
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

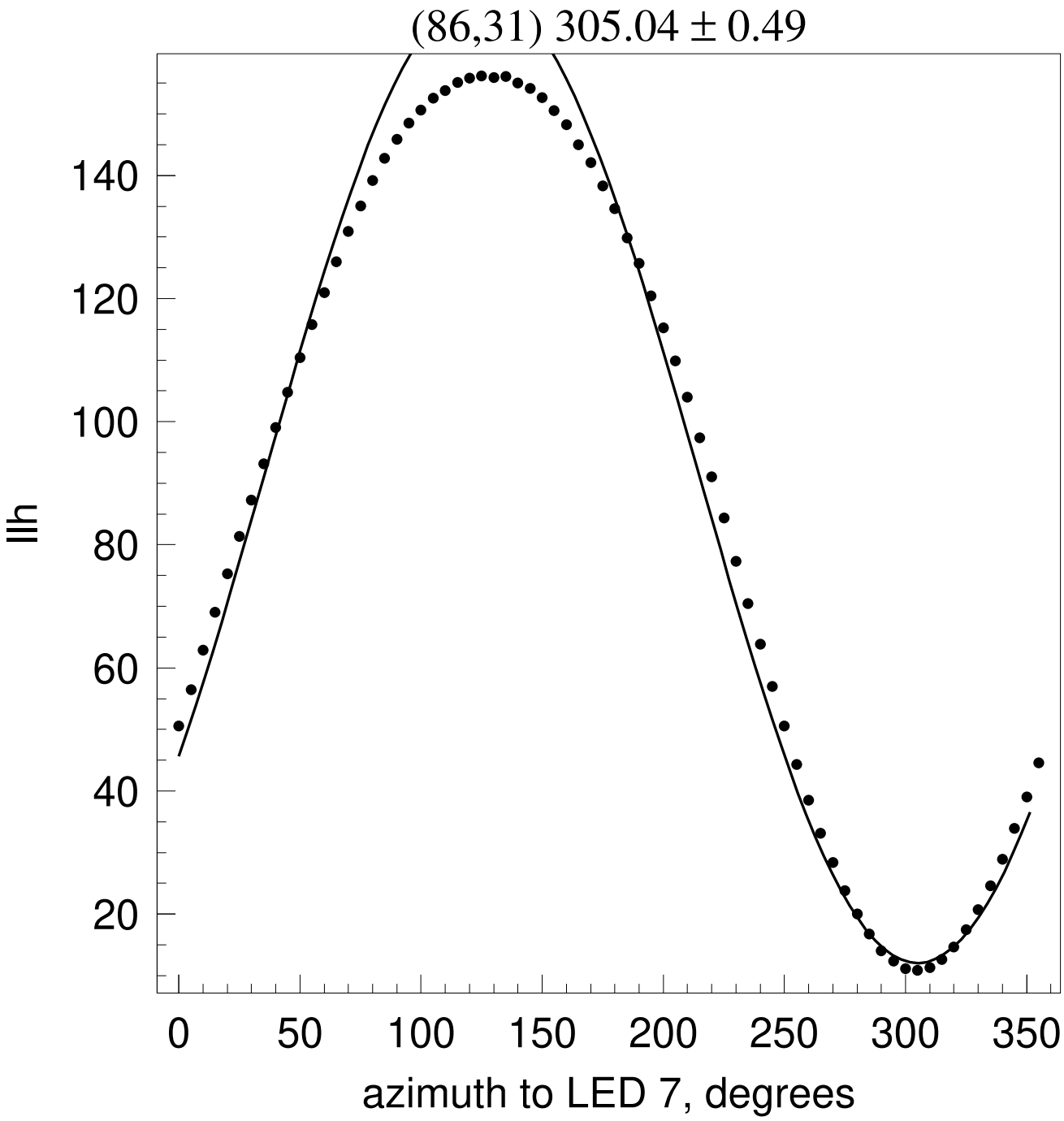

(86,24) 96.27 ± 0.27
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

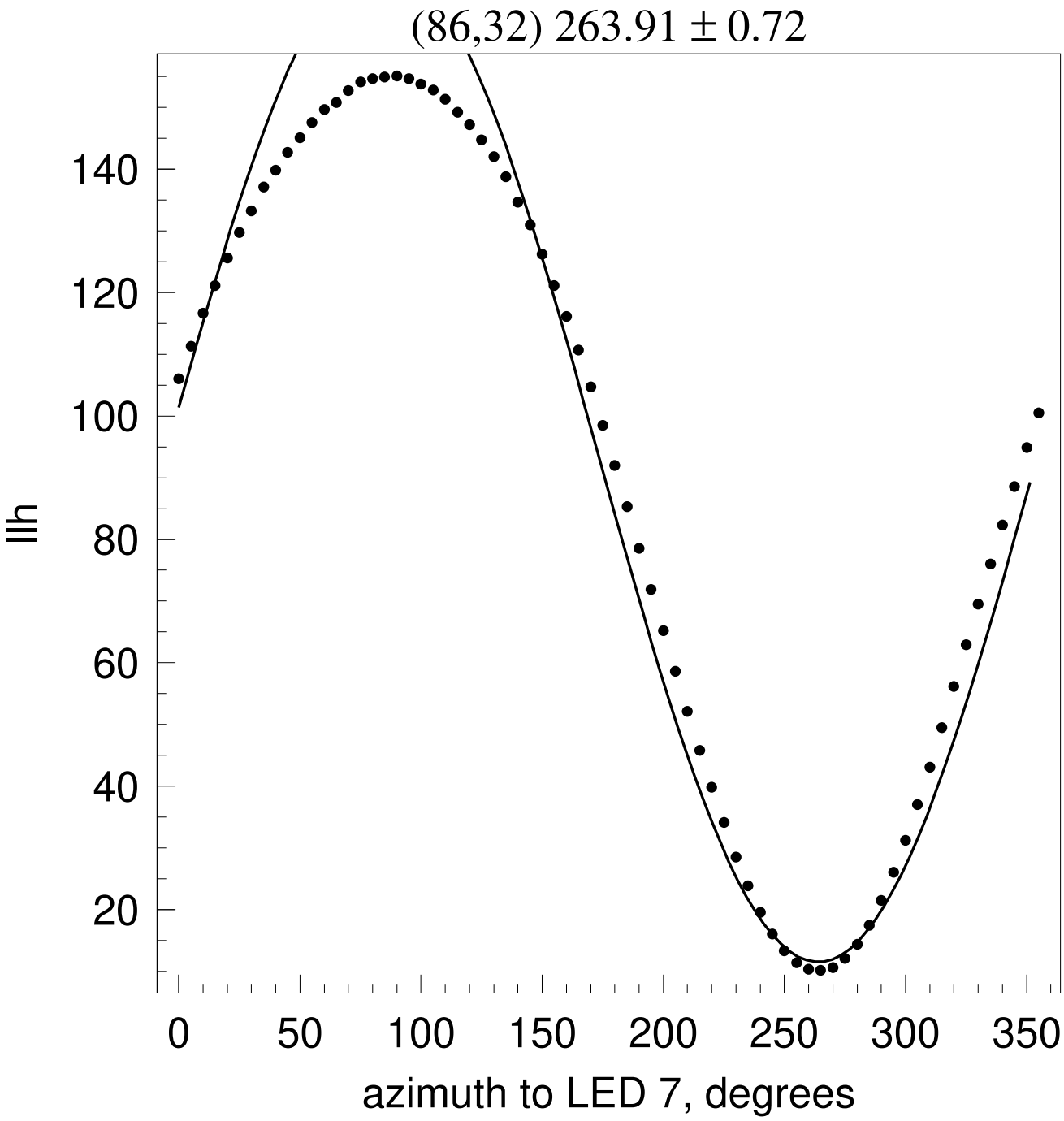

(86,25) 115.41 ± 0.35
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

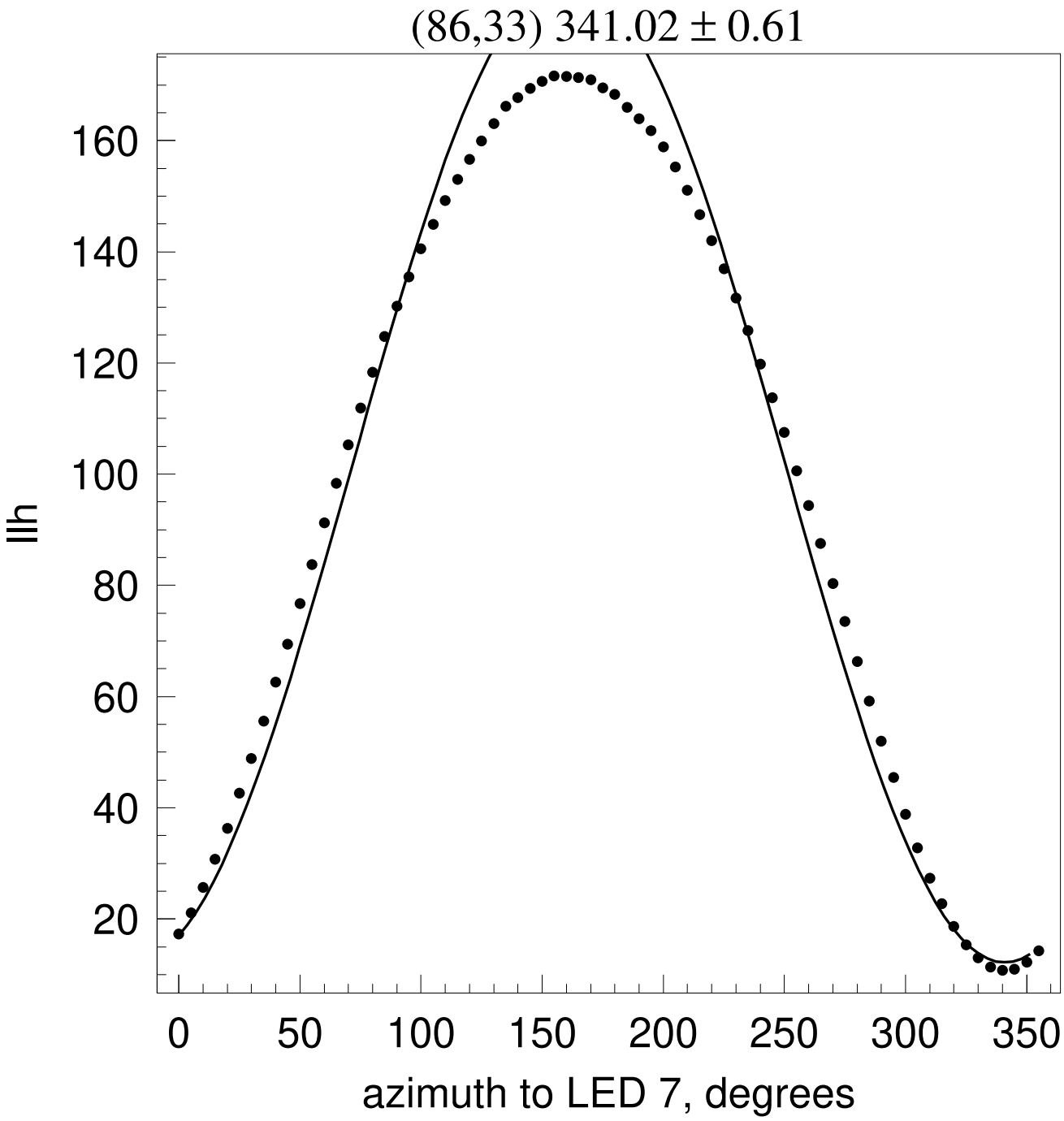

(86,26) 118.67 ± 0.35
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

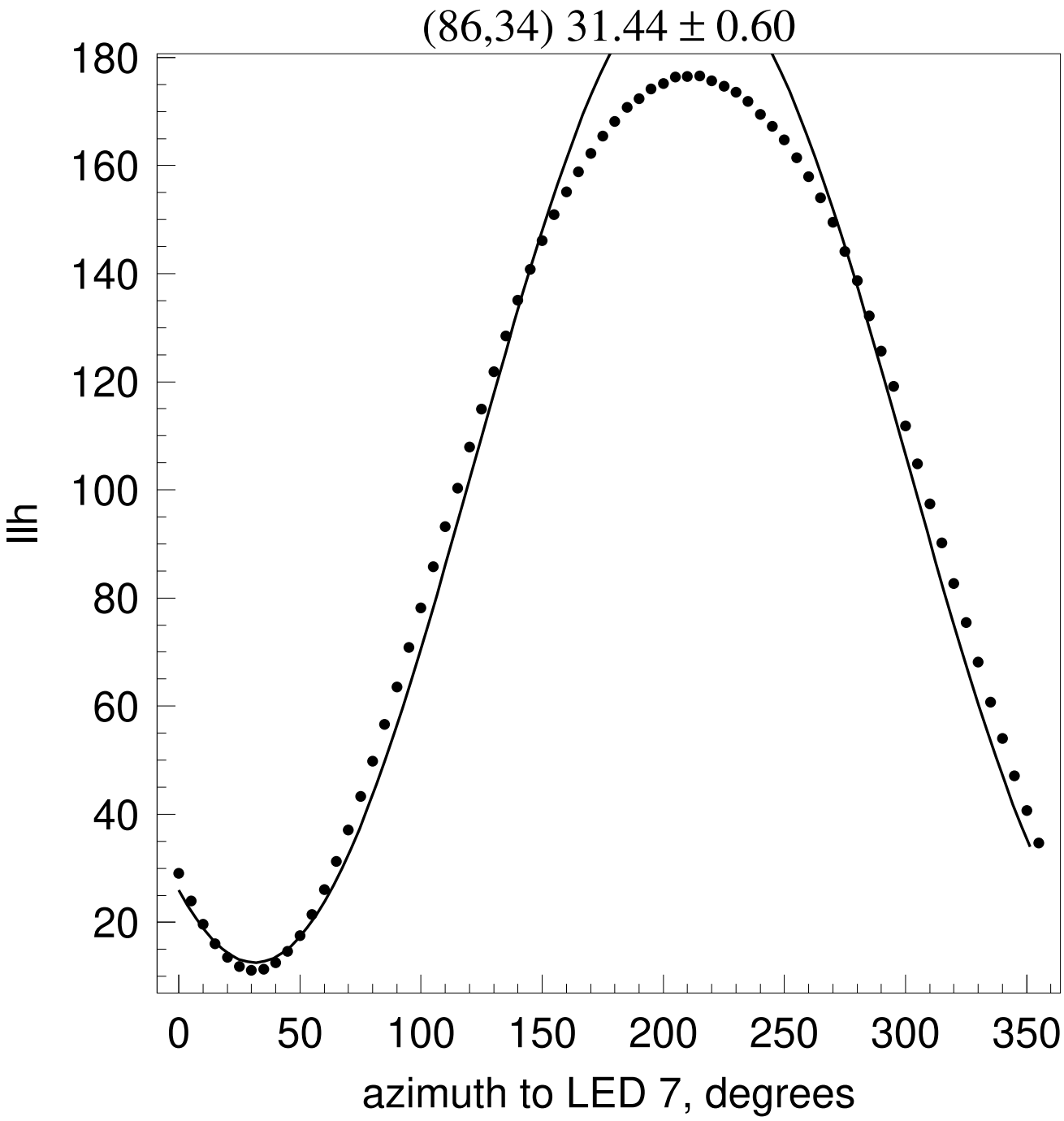

(86,29) 347.23 ± 0.54
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

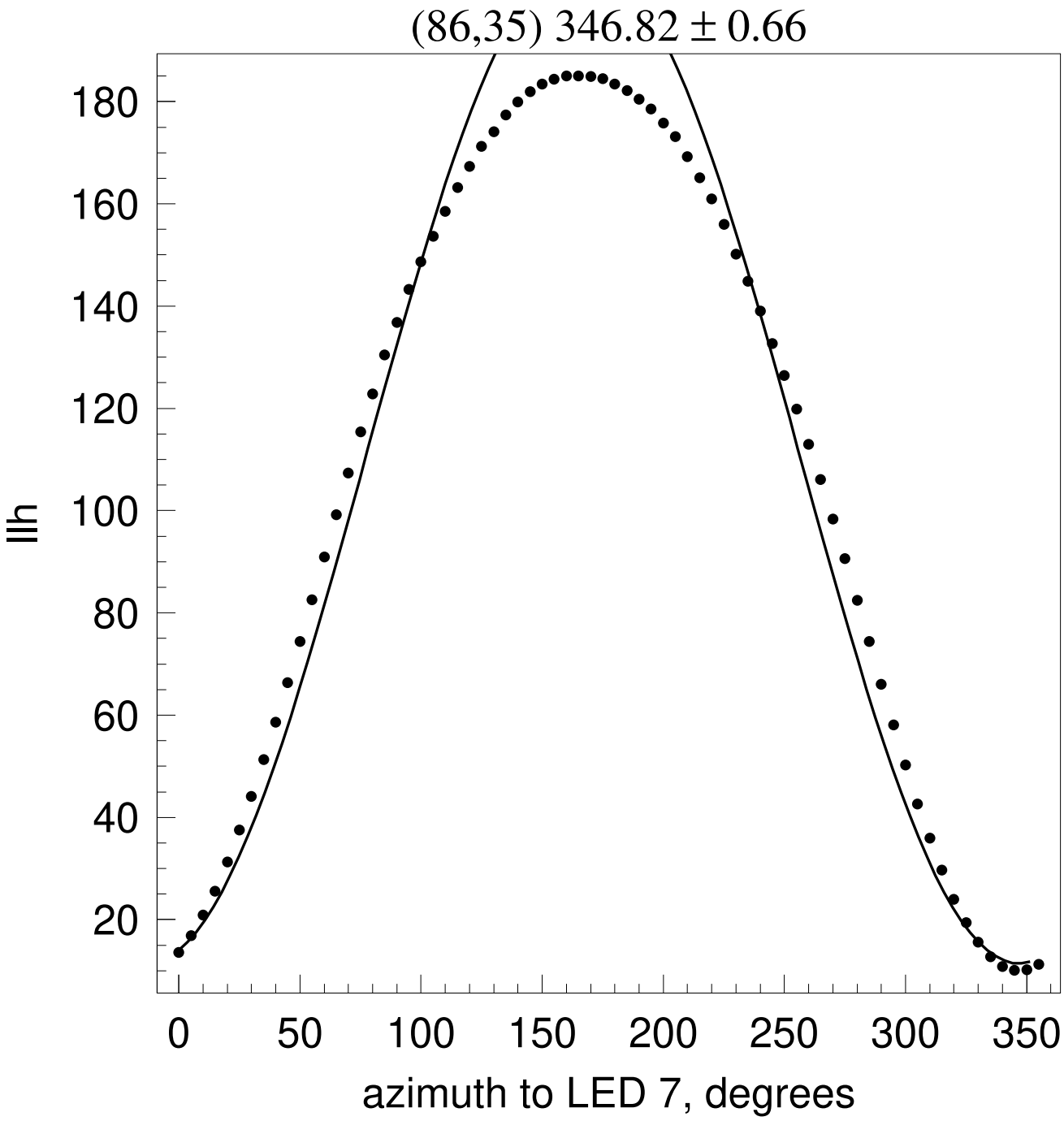

(86,30) 257.66 ± 0.57
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

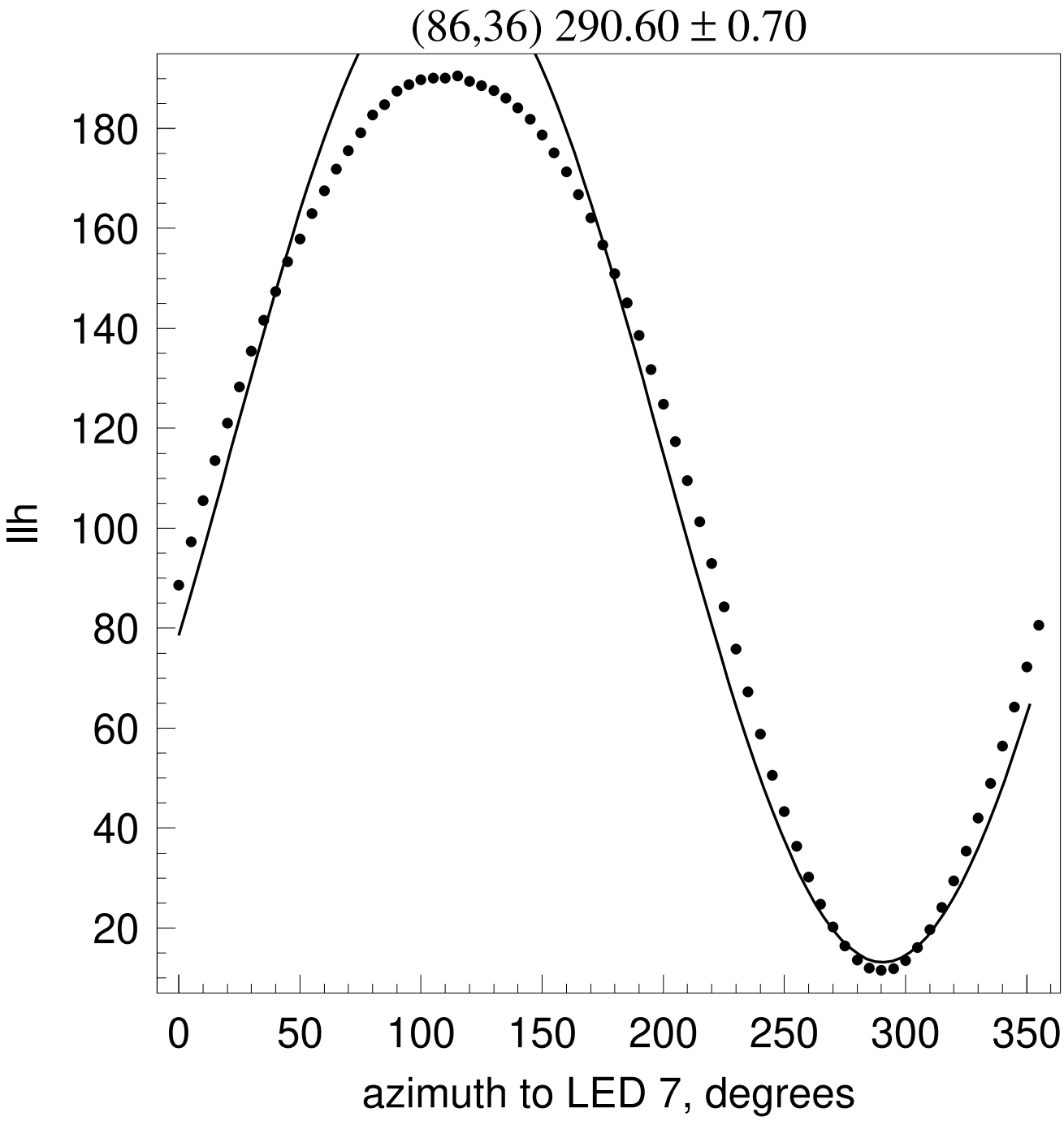

(86,31) 305.04 ± 0.49
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

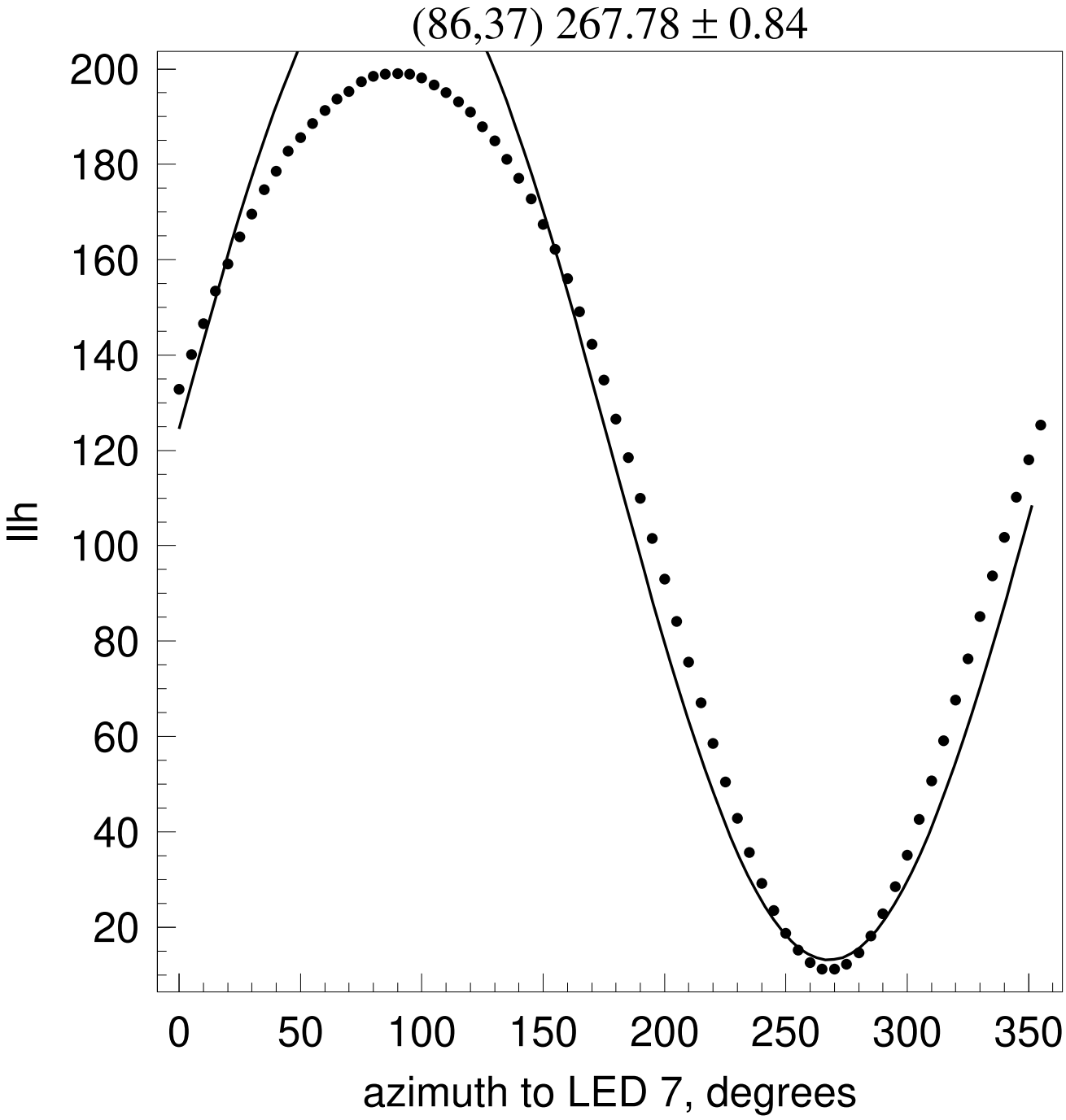

(86,32) 263.91 ± 0.72
140
120
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

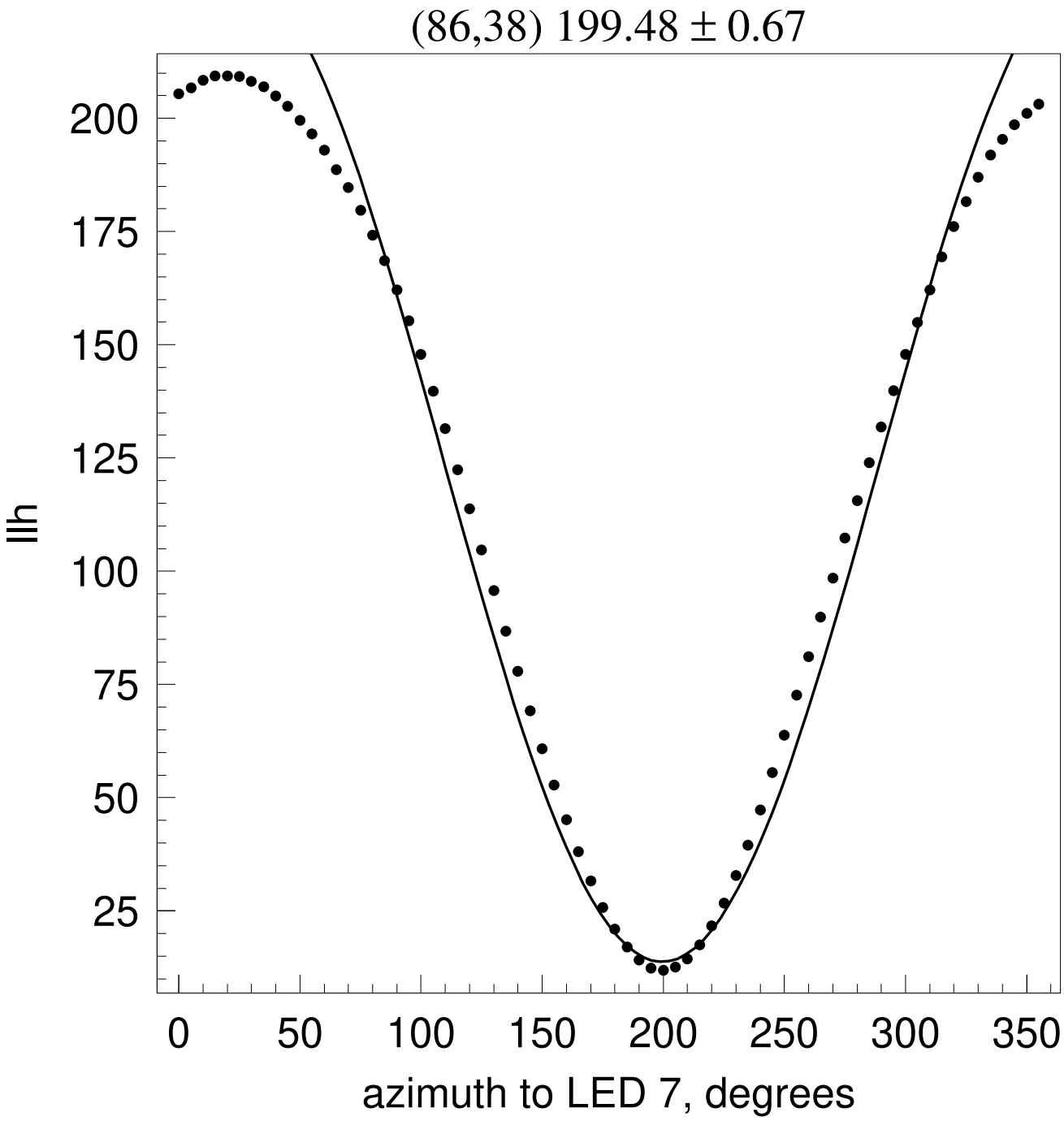

(86,33) 341.02 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

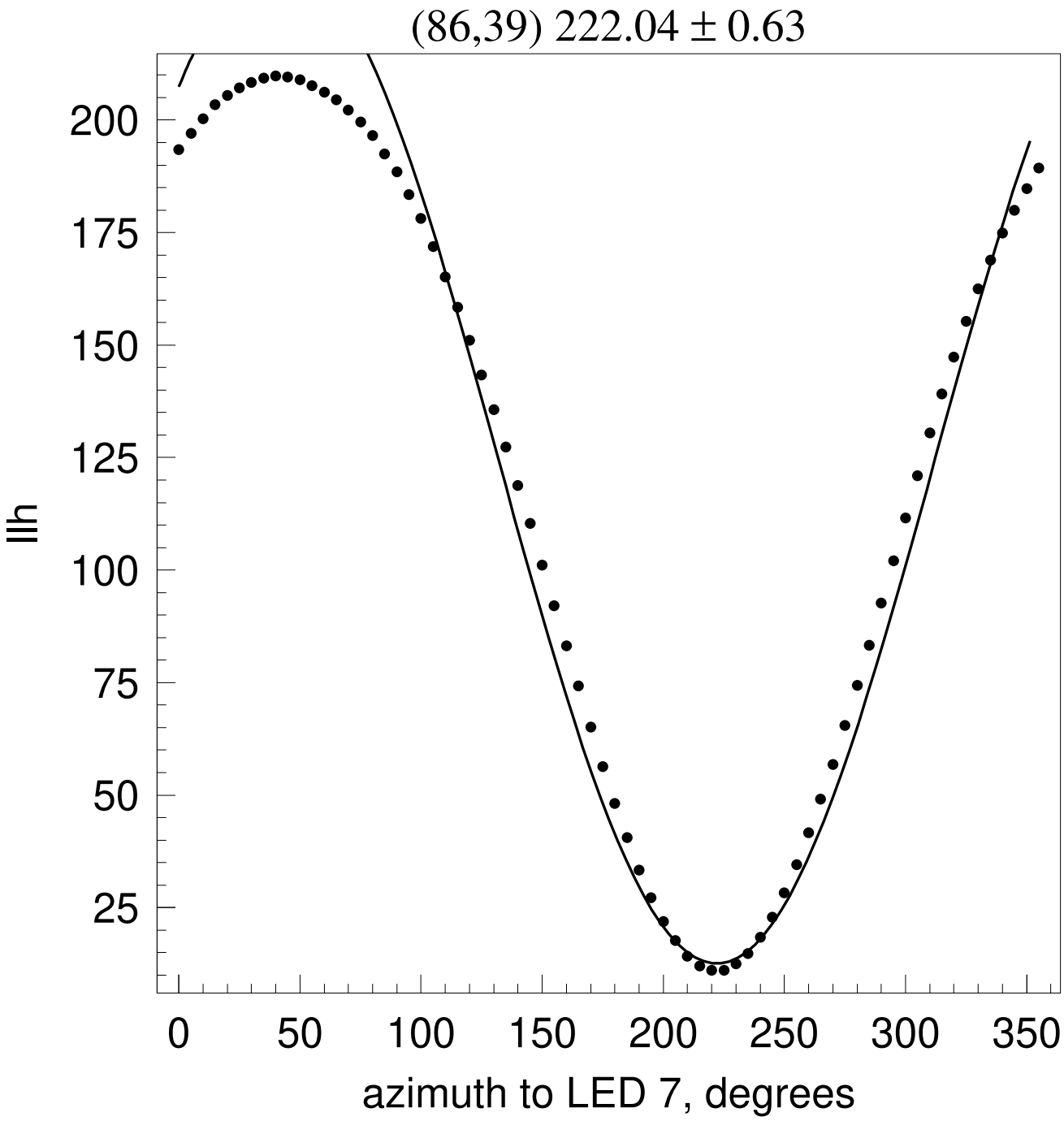

(86,34) 31.44 ± 0.60
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

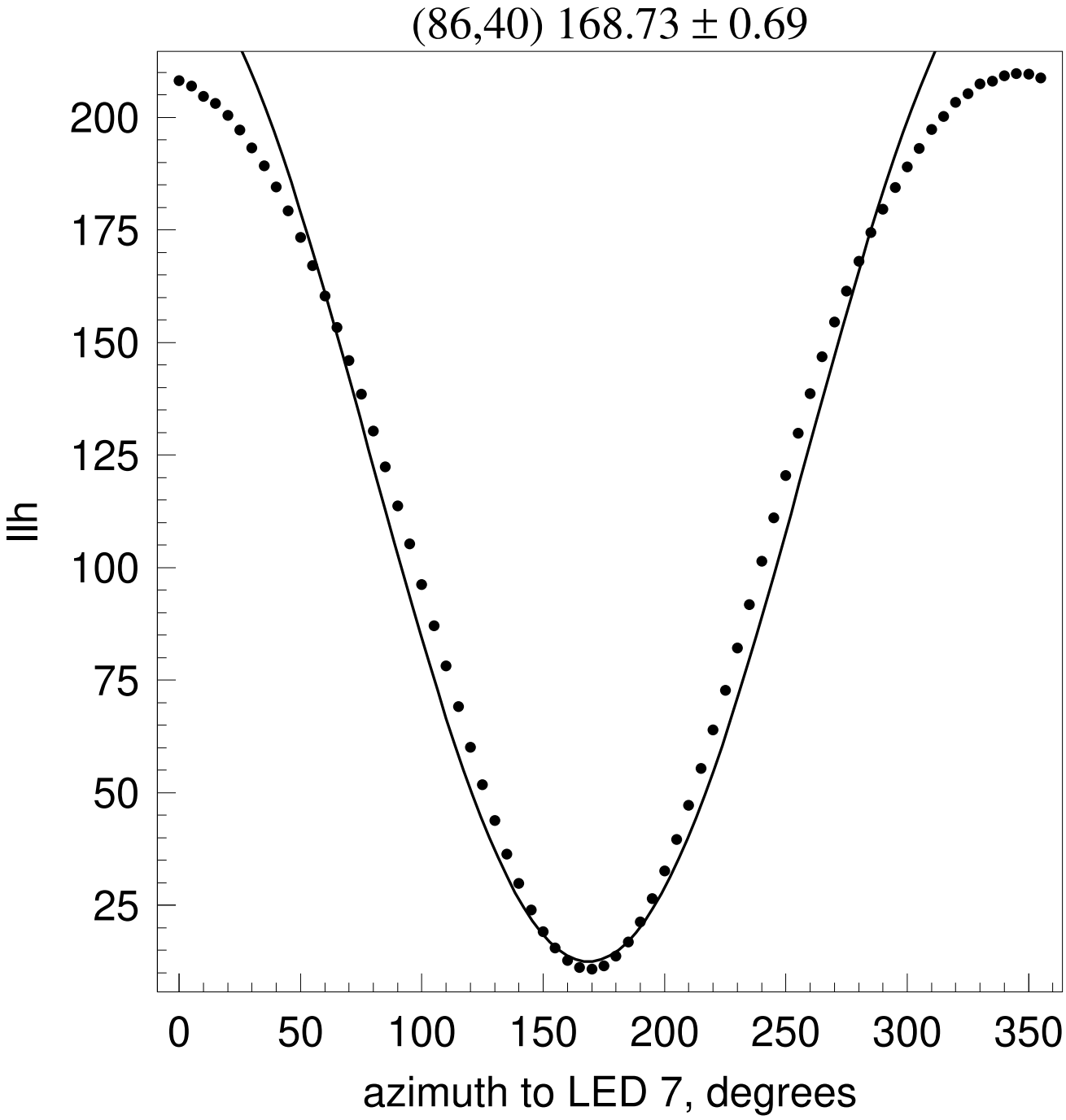

(86,35) 346.82 ± 0.66
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

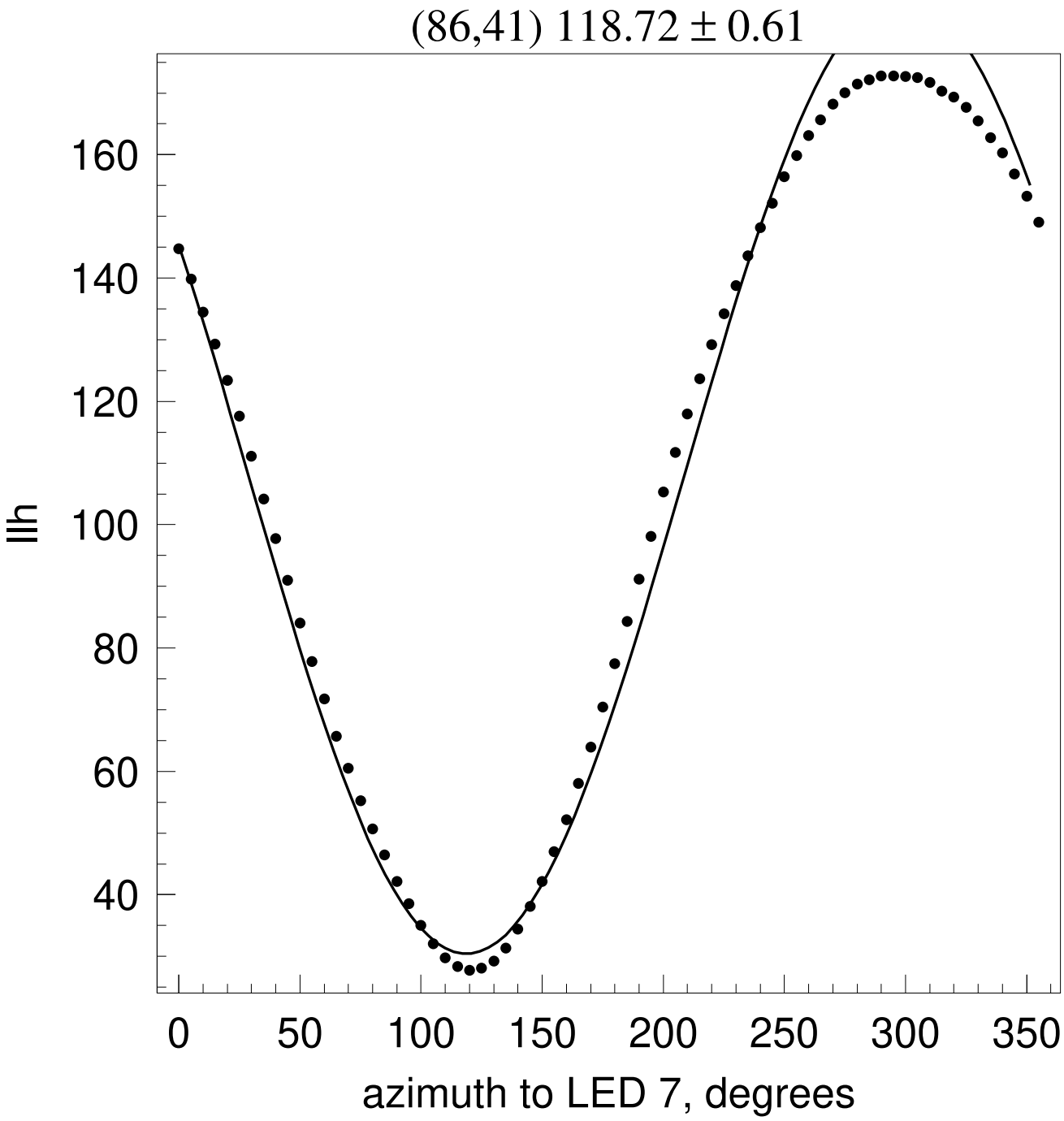

(86,36) 290.60 ± 0.70
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

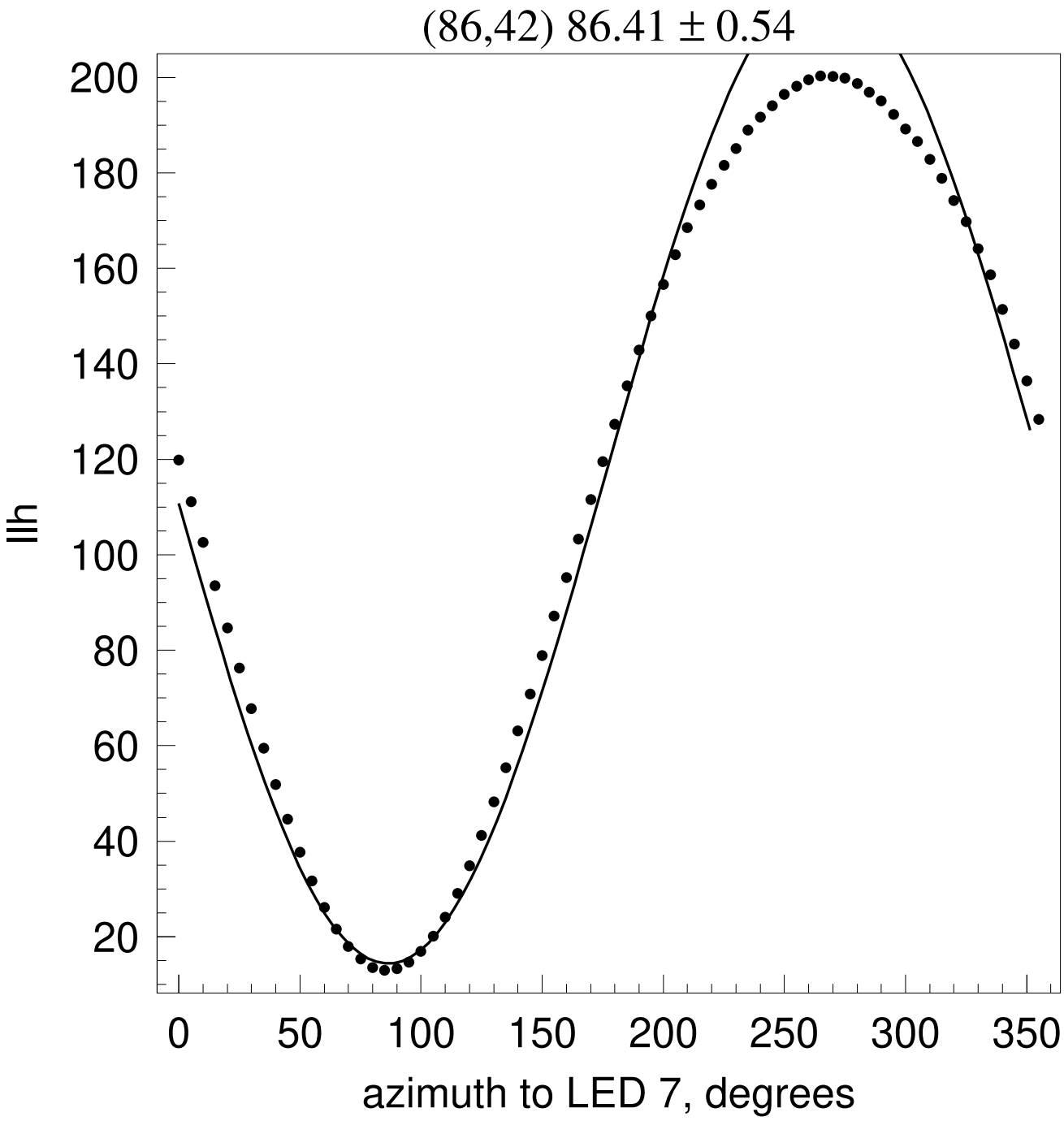

(86,37) 267.78 ± 0.84
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

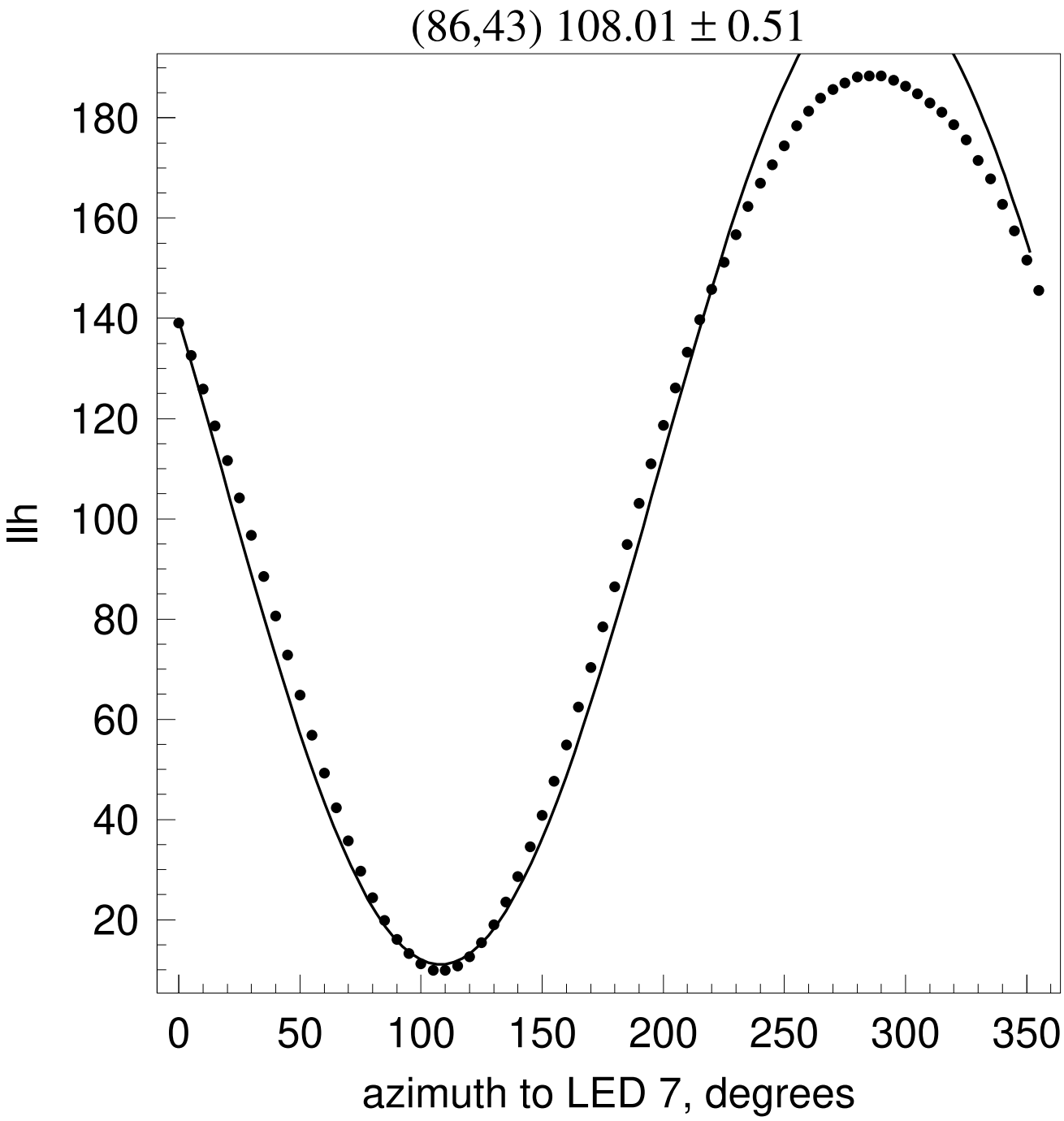

(86,38) 199.48 ± 0.67
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

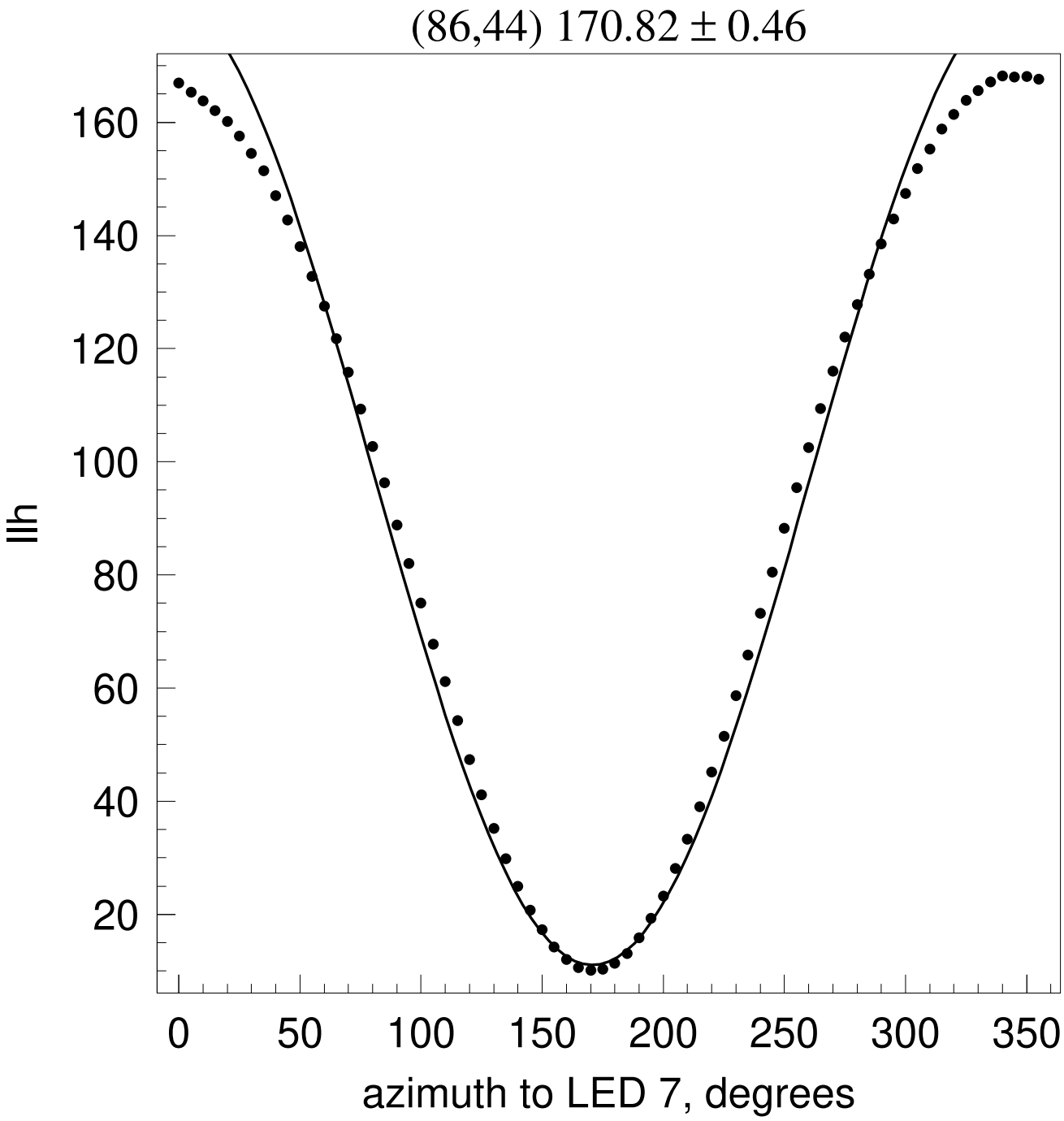

(86,39) 222.04 ± 0.63
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

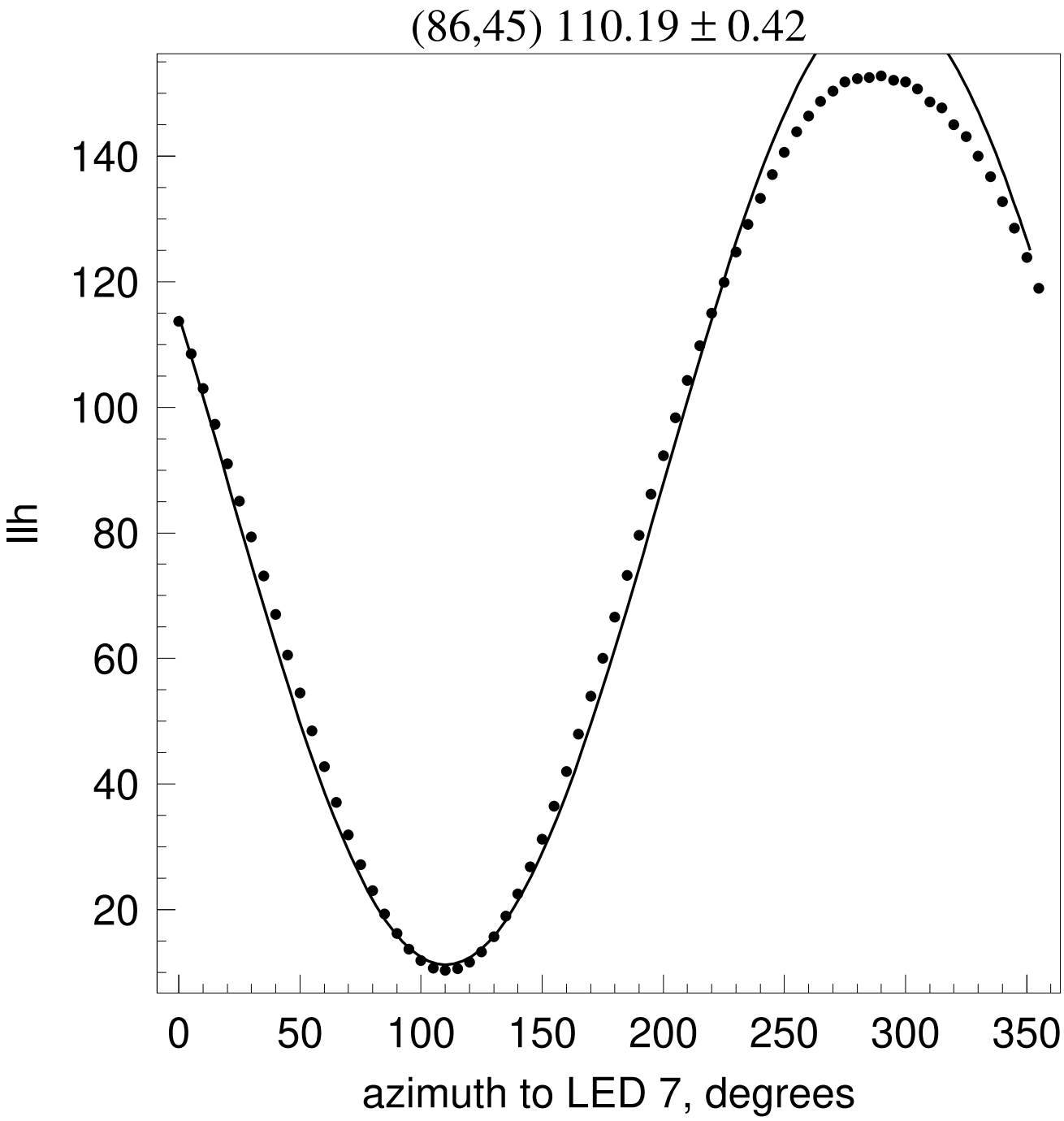

(86,40) 168.73 ± 0.69
200
175
150
125
100
75
50
25
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

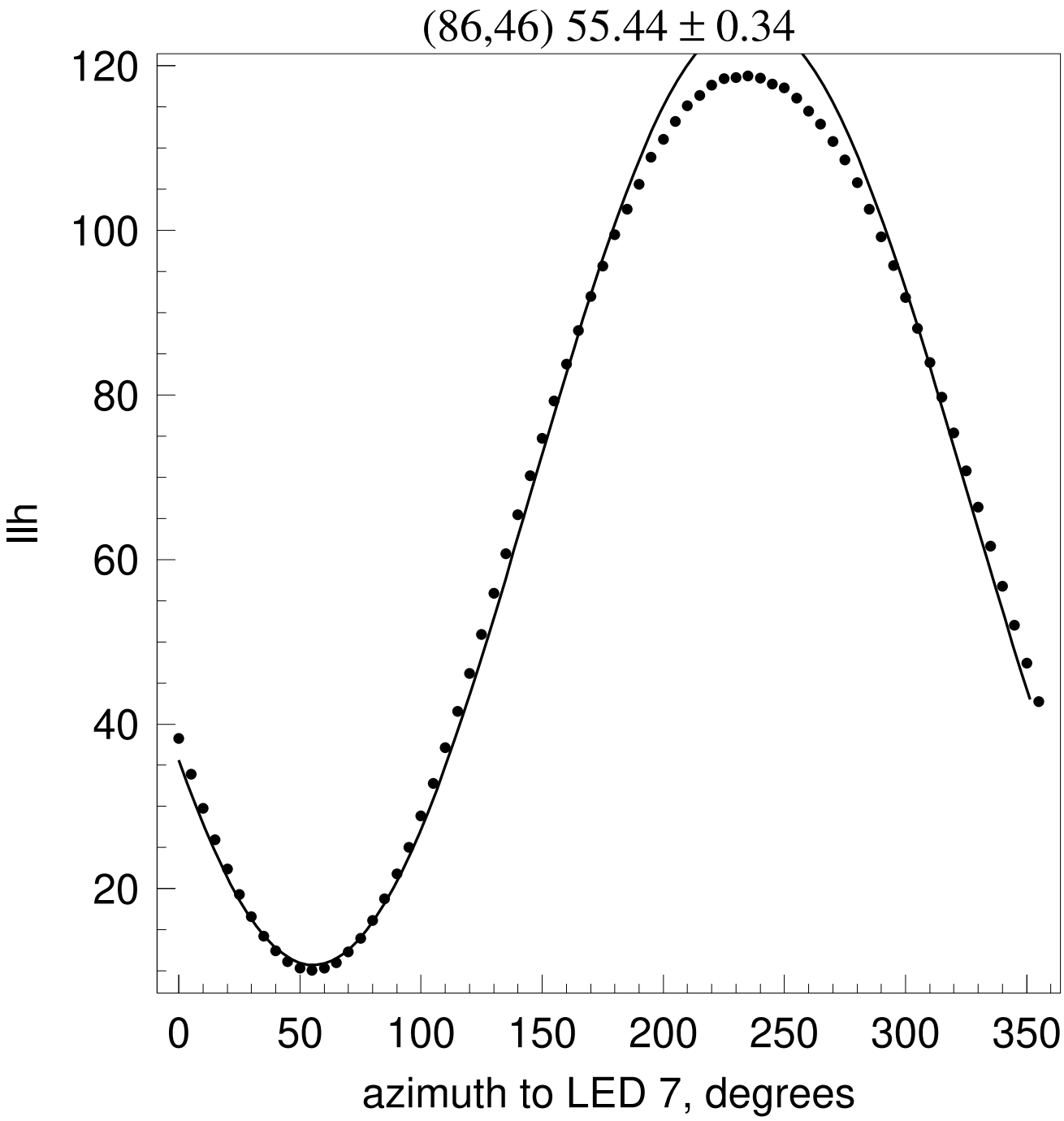

(86,41) 118.72 ± 0.61
160
140
120
100
80
60
40
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

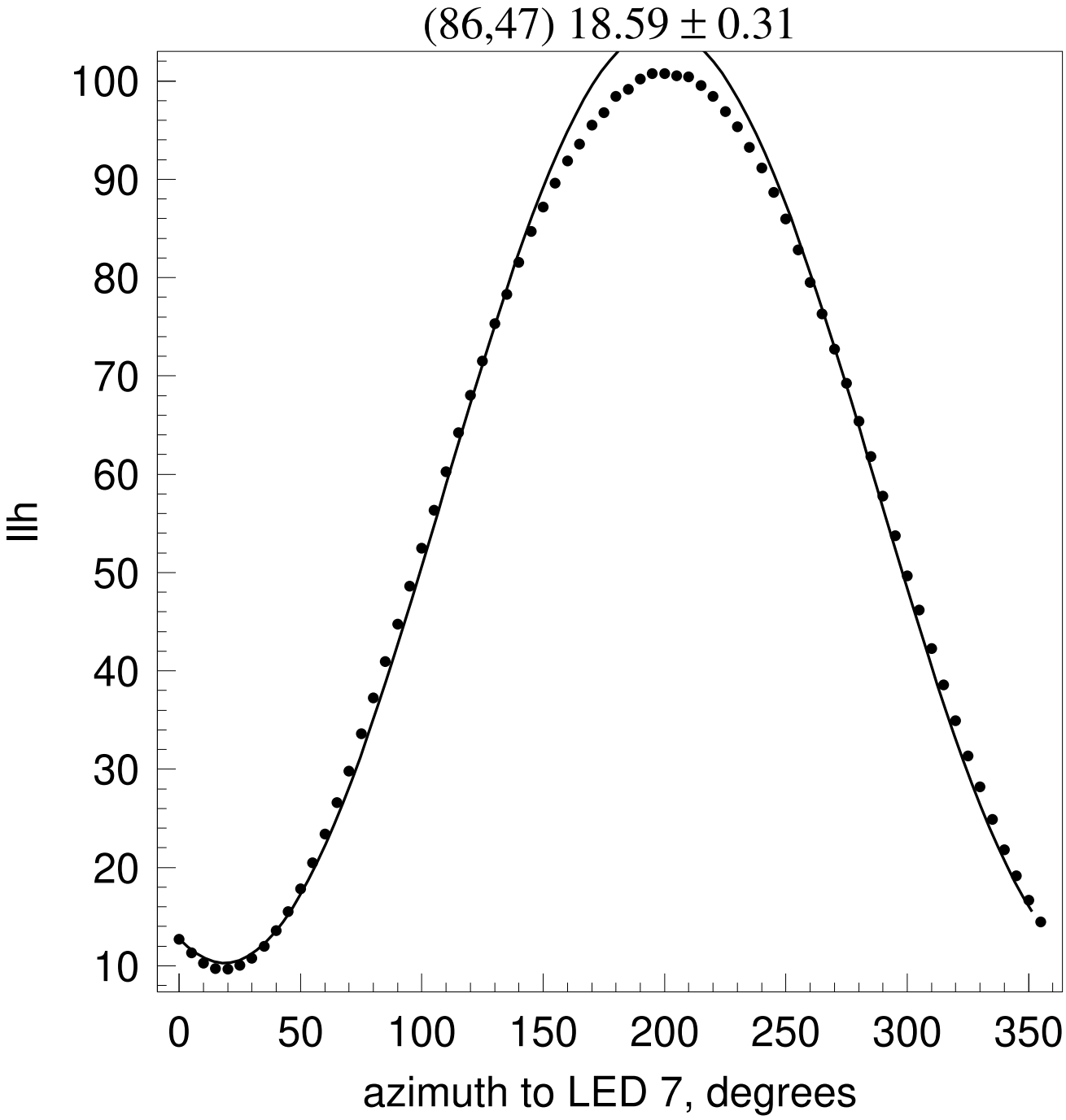

(86,42) 86.41 ± 0.54
200
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

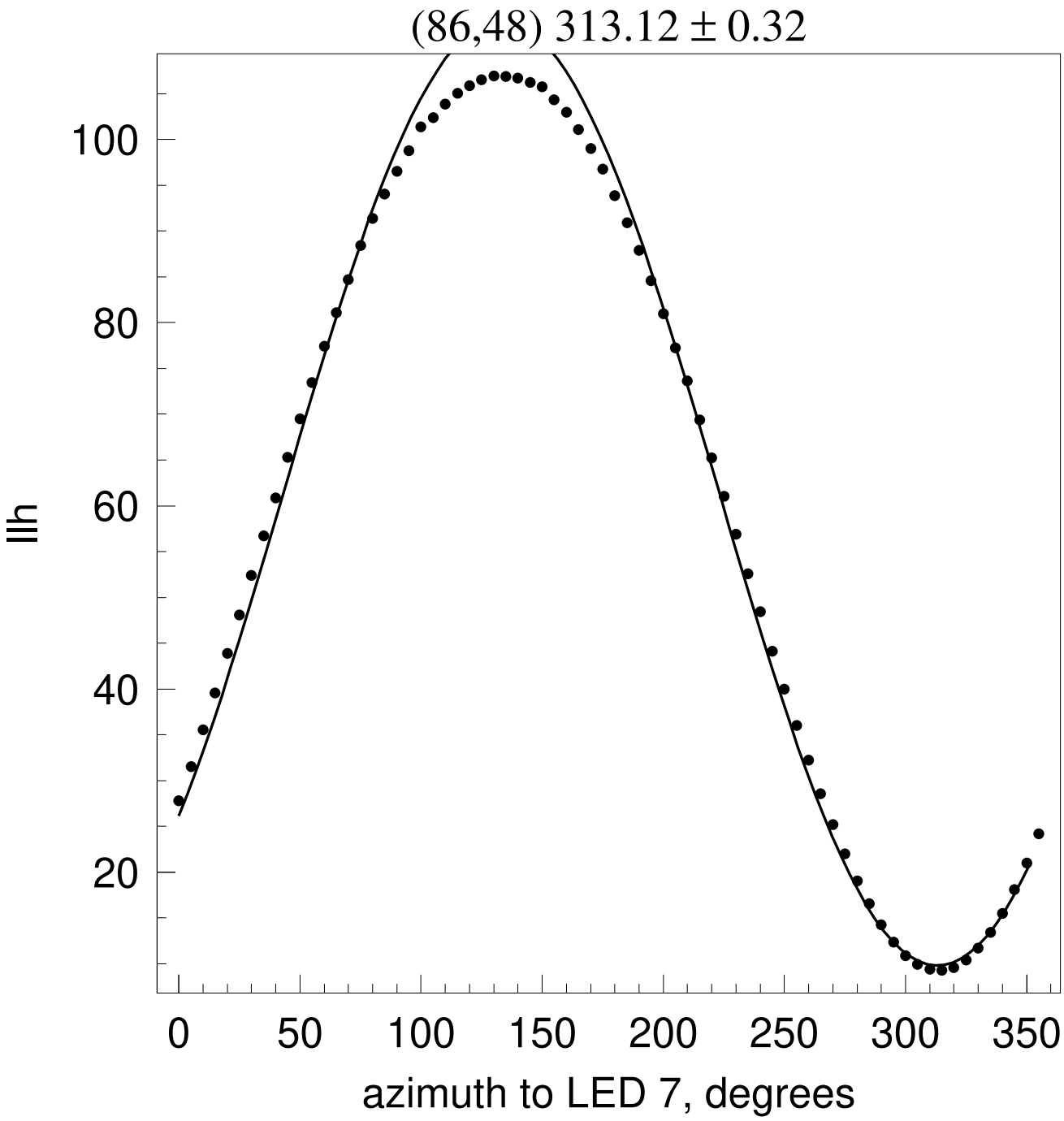

(86,43) 108.01 ± 0.51
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

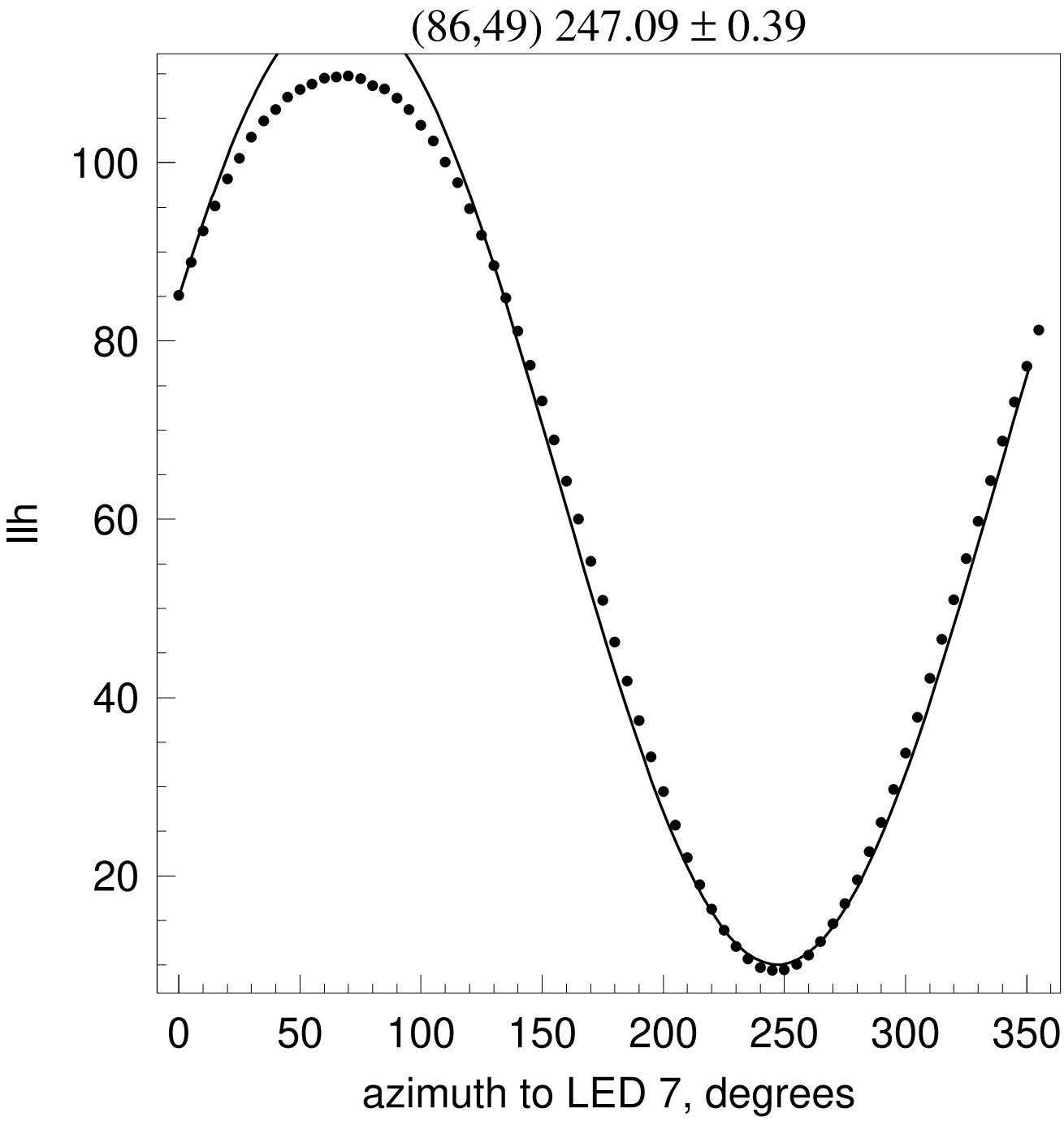

(86,44) 170.82 ± 0.46
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

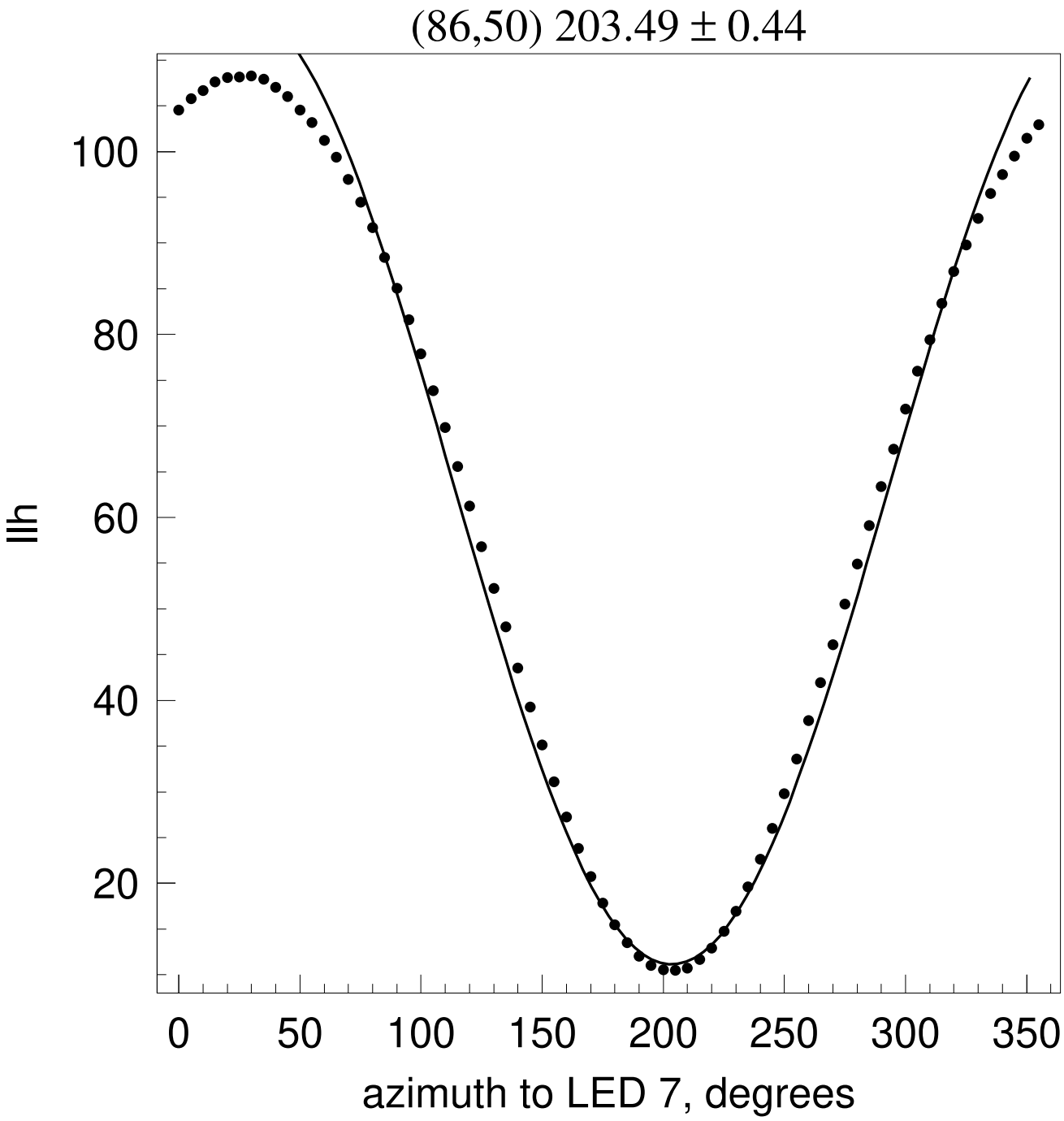

(86,45) 110.19 ± 0.42
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

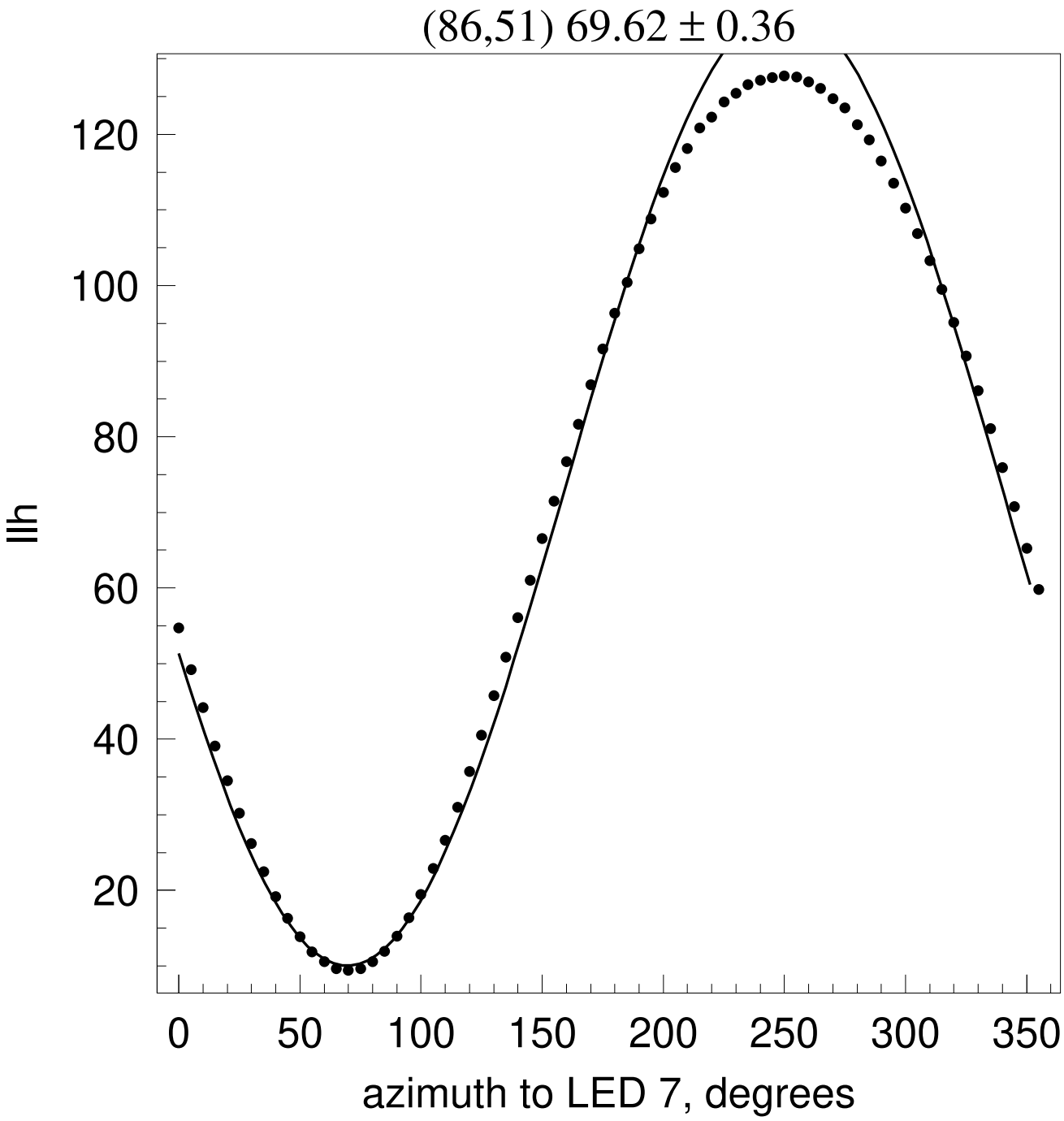

(86,46) 55.44 ± 0.34
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

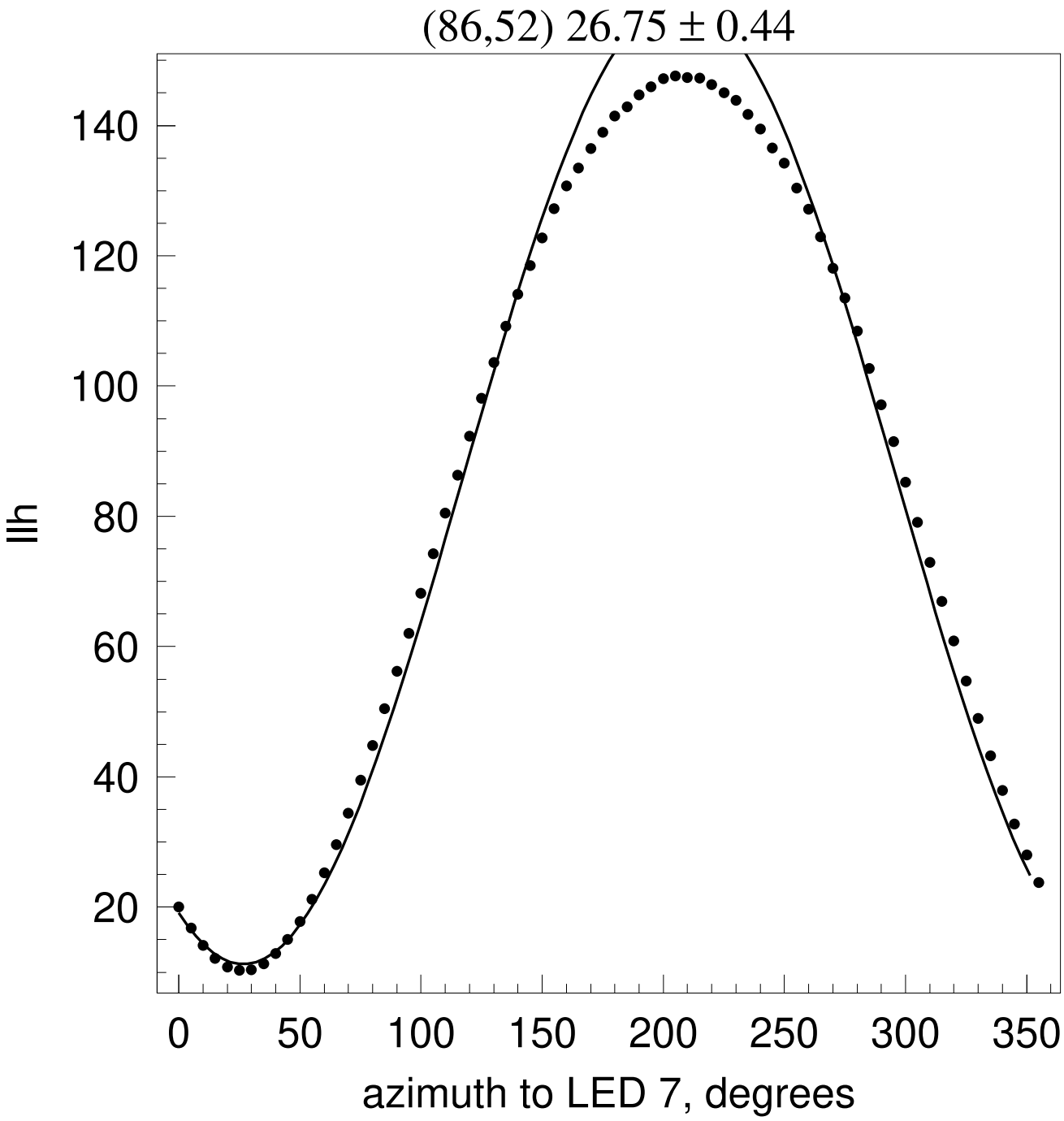

(86,47) 18.59 ± 0.31
100
90
80
70
60
50
40
30
20
10
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

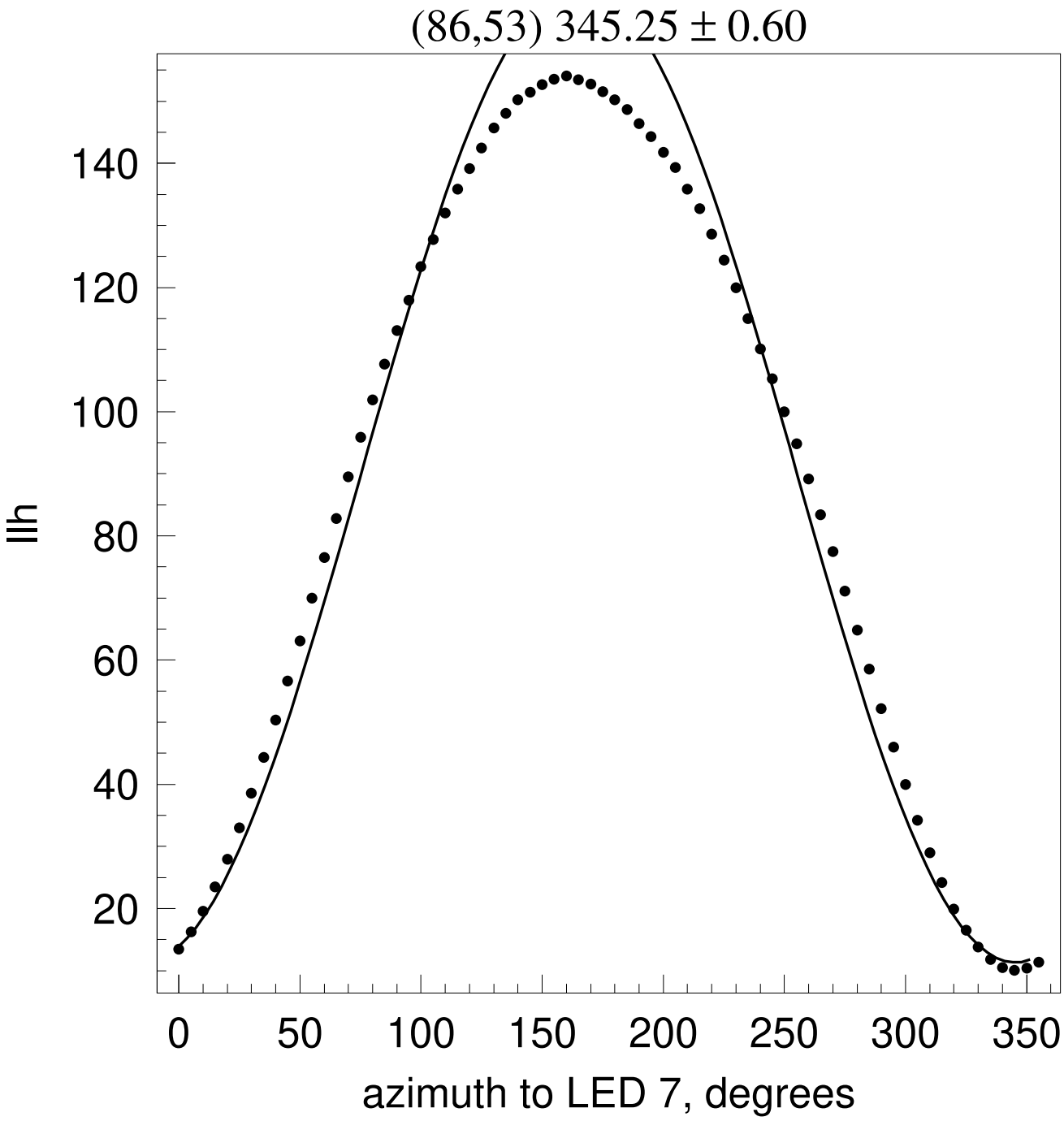

(86,48) 313.12 ± 0.32
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

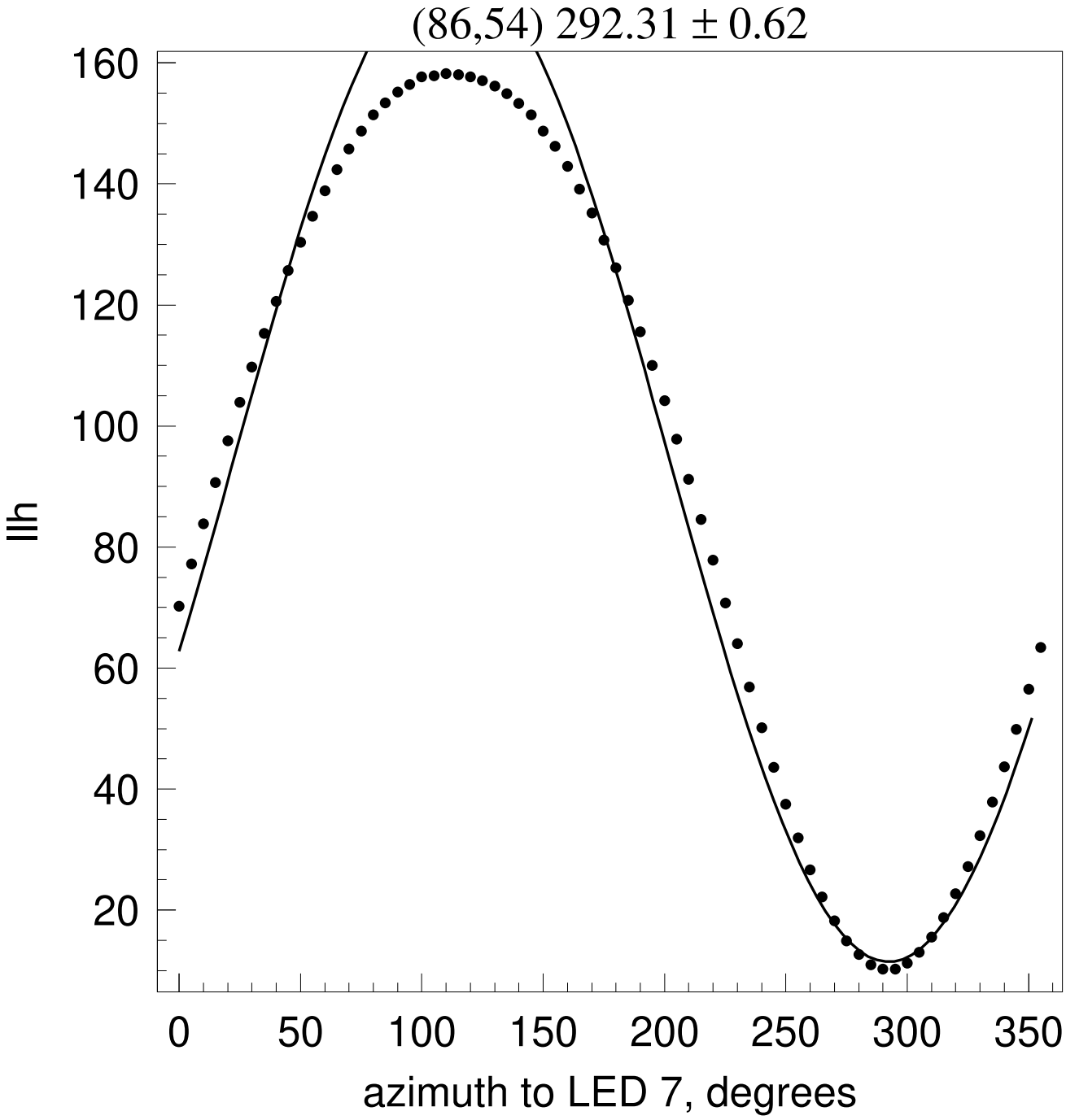

(86,49) 247.09 ± 0.39
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

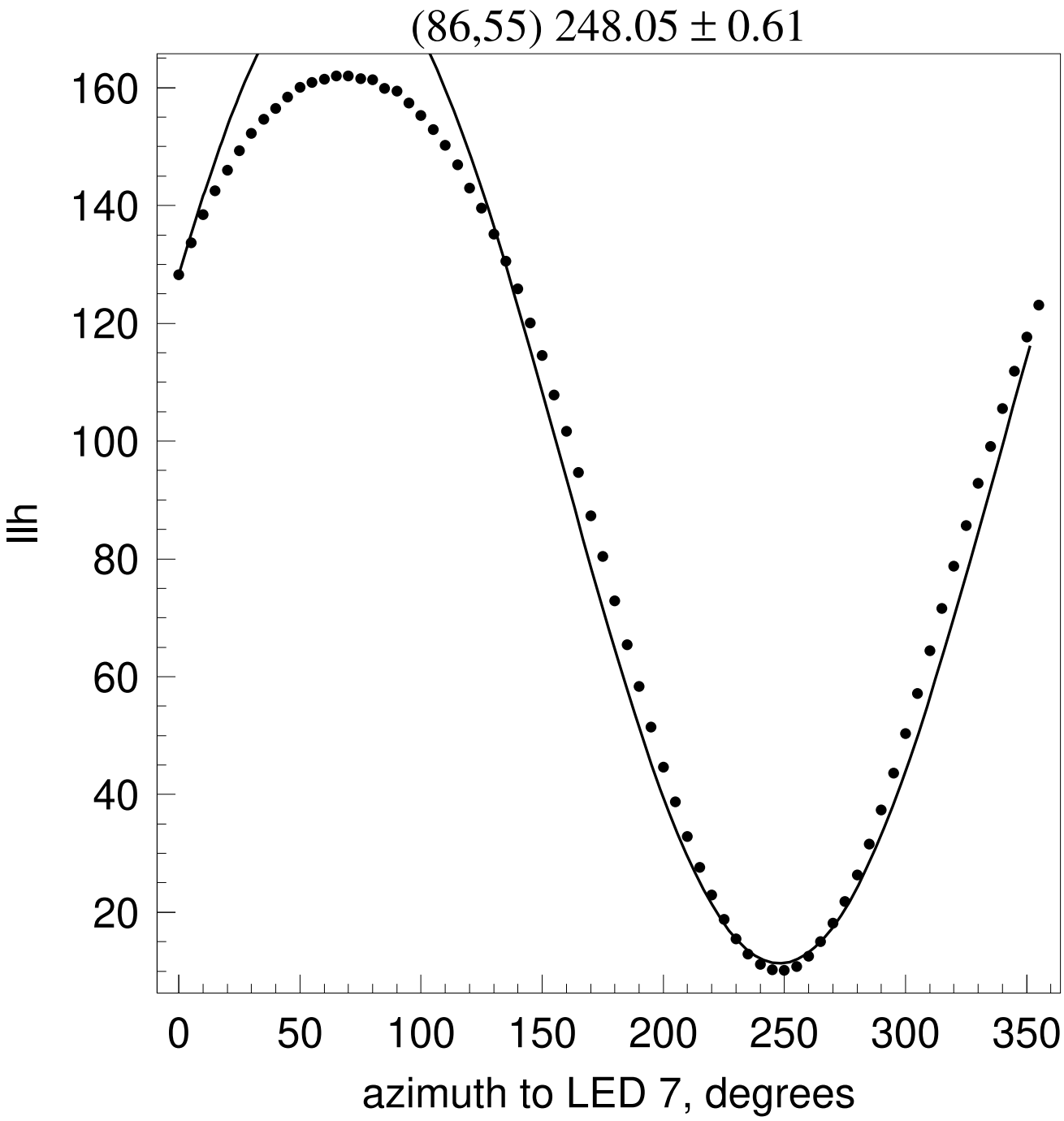

(86,50) 203.49 ± 0.44
100
80
60
40
20
IIh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

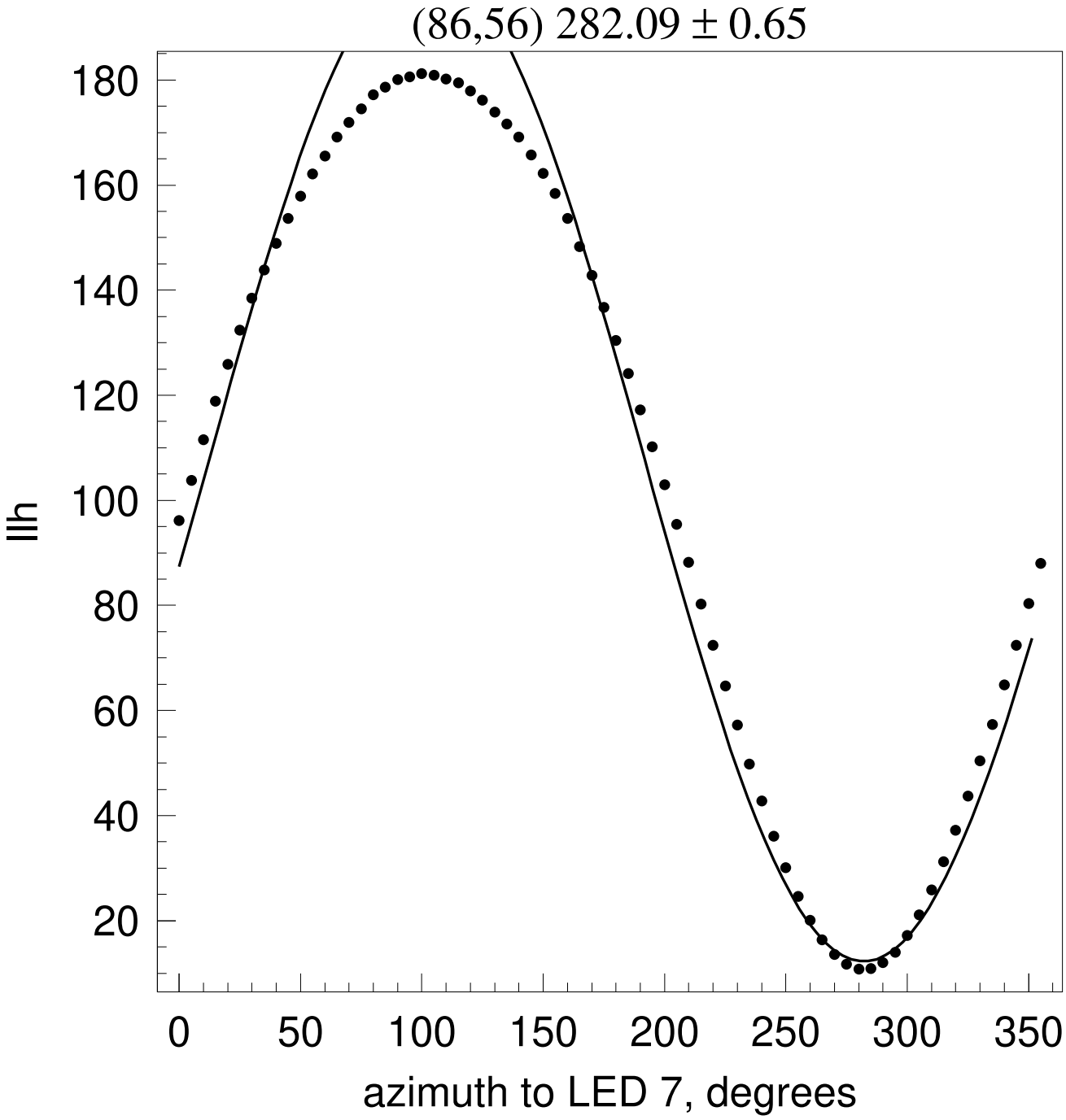

(86,51) 69.62 ± 0.36
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

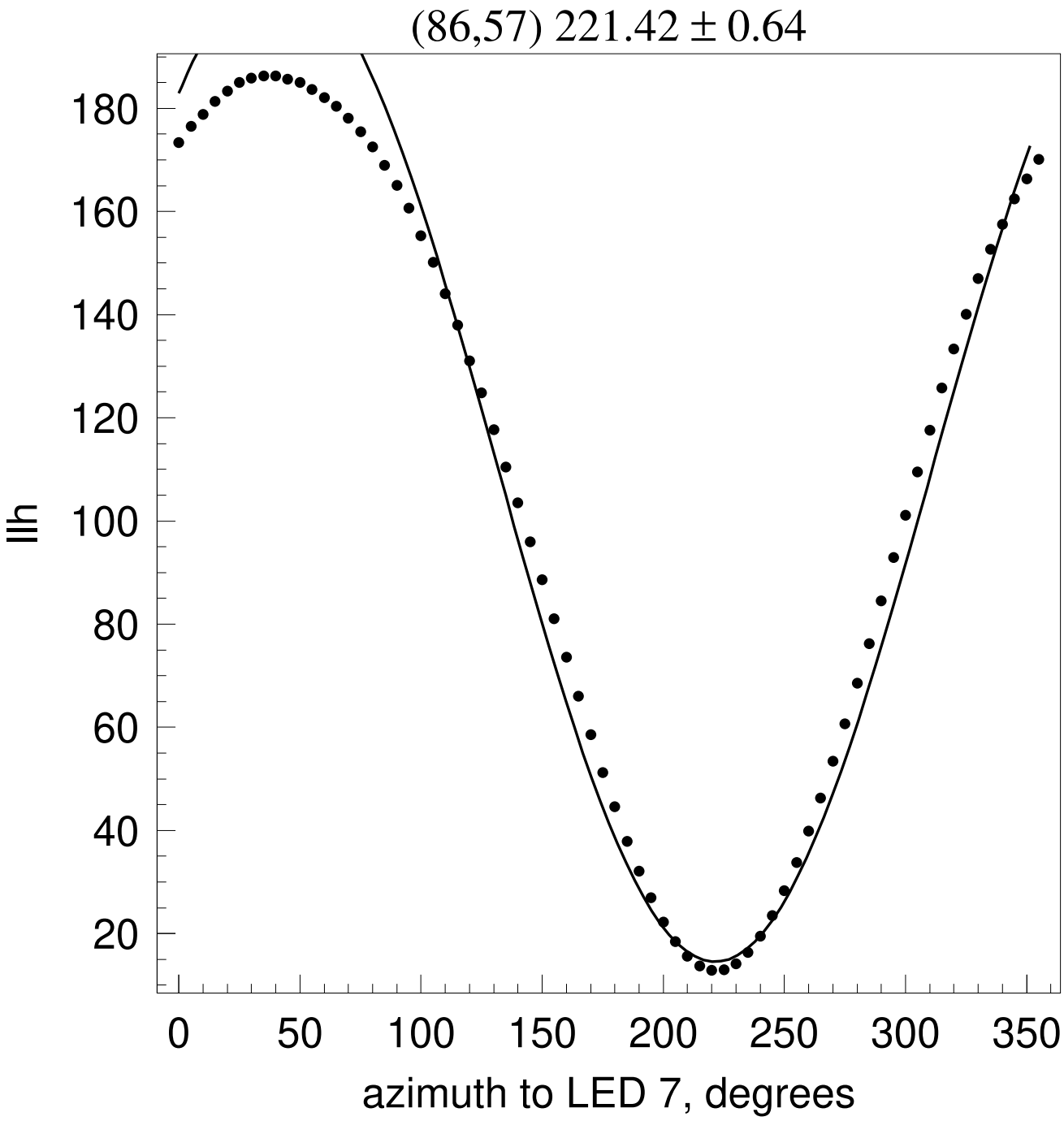

(86,52) 26.75 ± 0.44
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

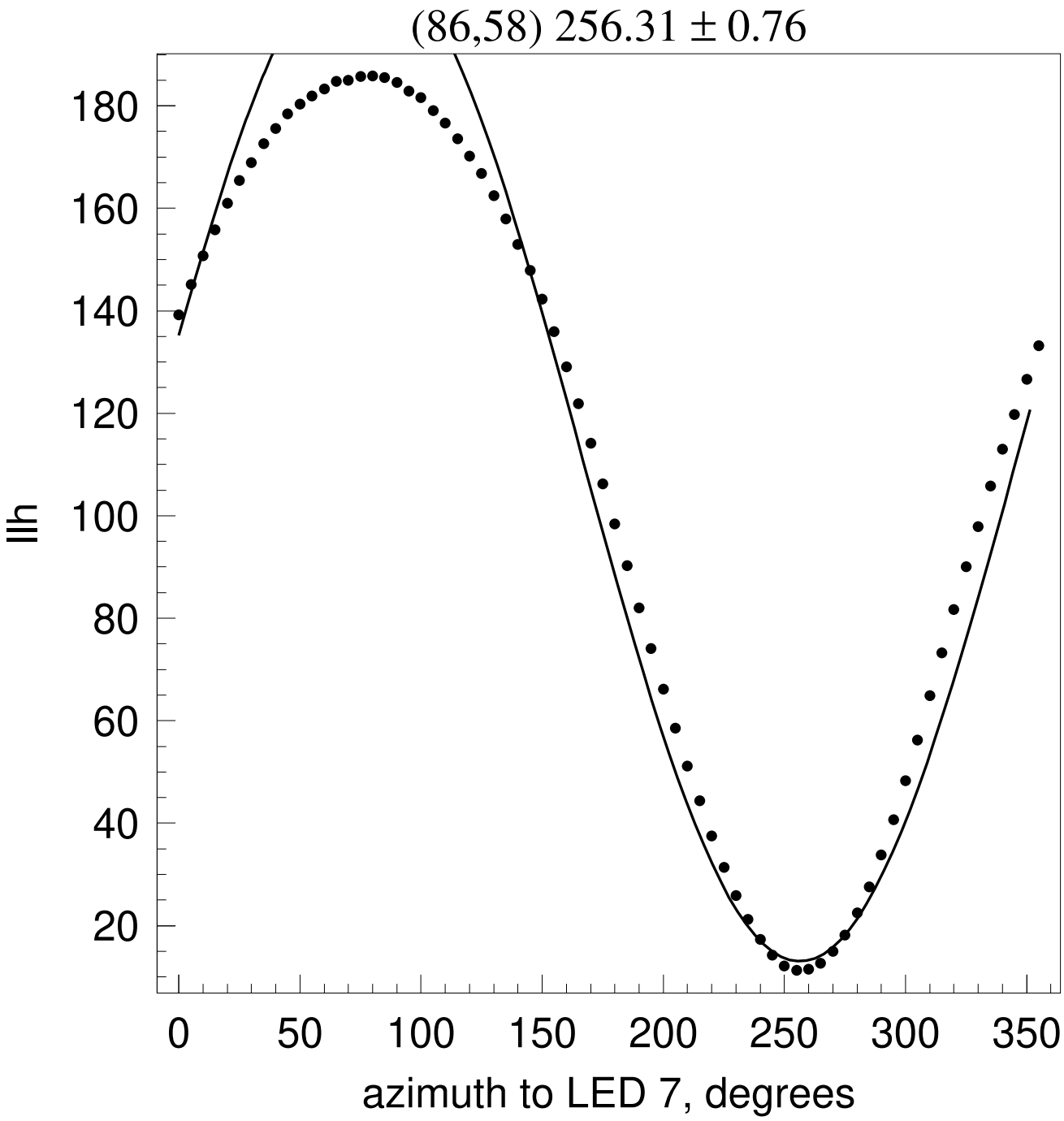

(86,53) 345.25 ± 0.60
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

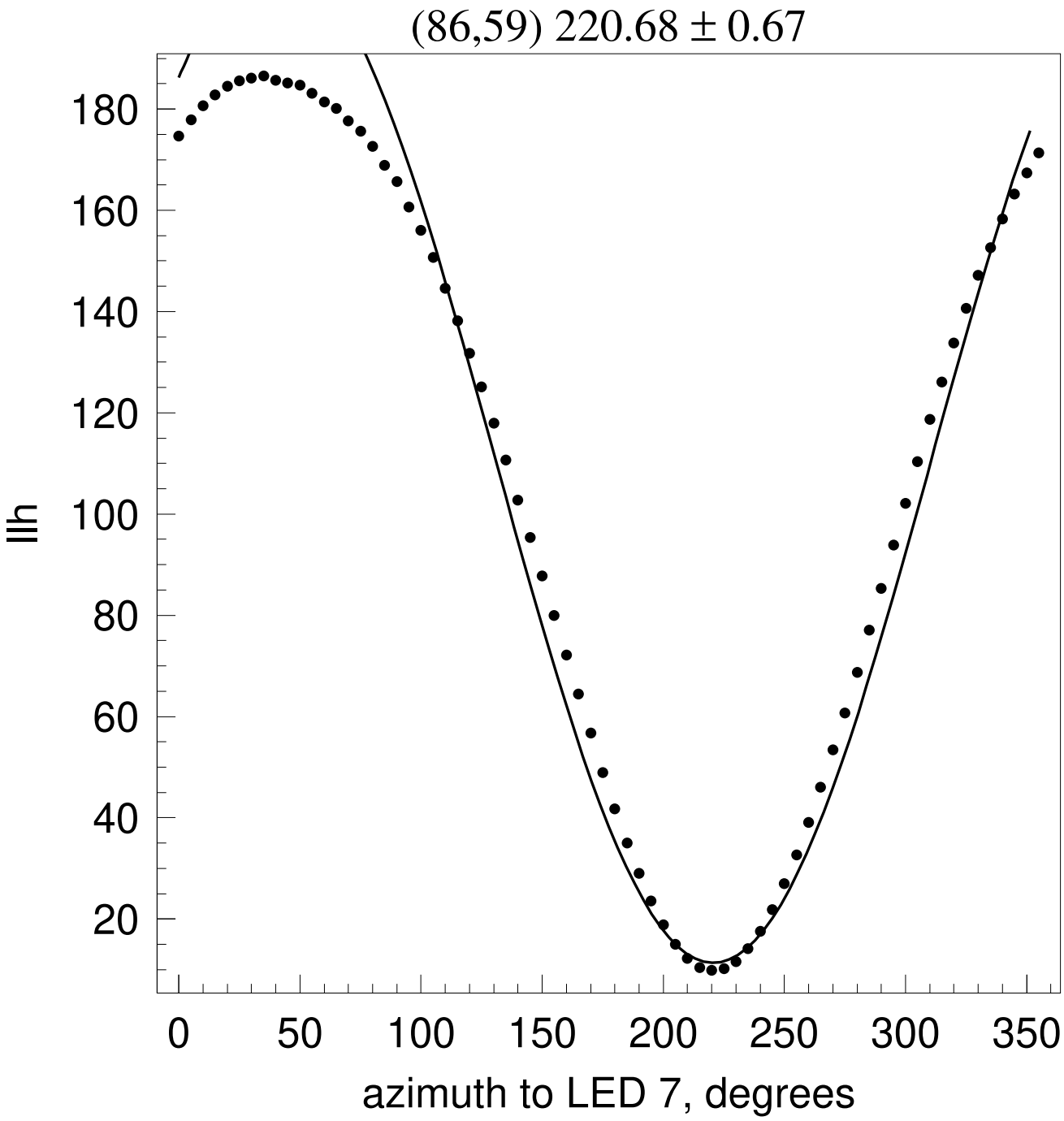

(86,54) 292.31 ± 0.62
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees

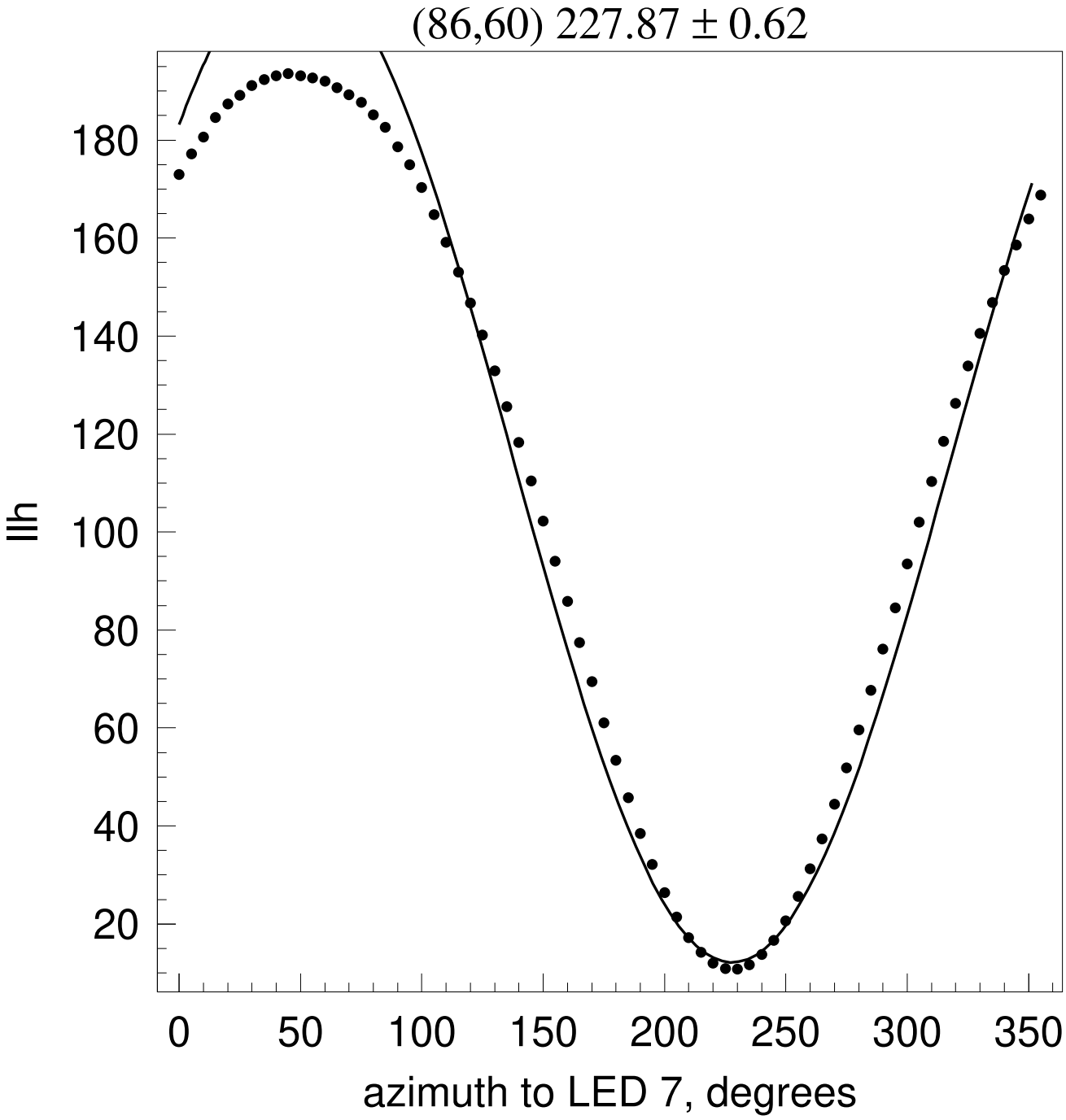

(86,55) 248.05 ± 0.61
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,56) 282.09 ± 0.65
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) 221.42 ± 0.64
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,58) 256.31 ± 0.76
180
160
140
120
100
80
60
40
20
llh
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees


(86,59) 220.68 ± 0.67
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) 227.87 ± 0.62
180
160
140
120
100
80
60
40
20
0
50
100
150
200
250
300
350
azimuth to LED 7, degrees