

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: LUMIERE

Report Number: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29419)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 3500K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

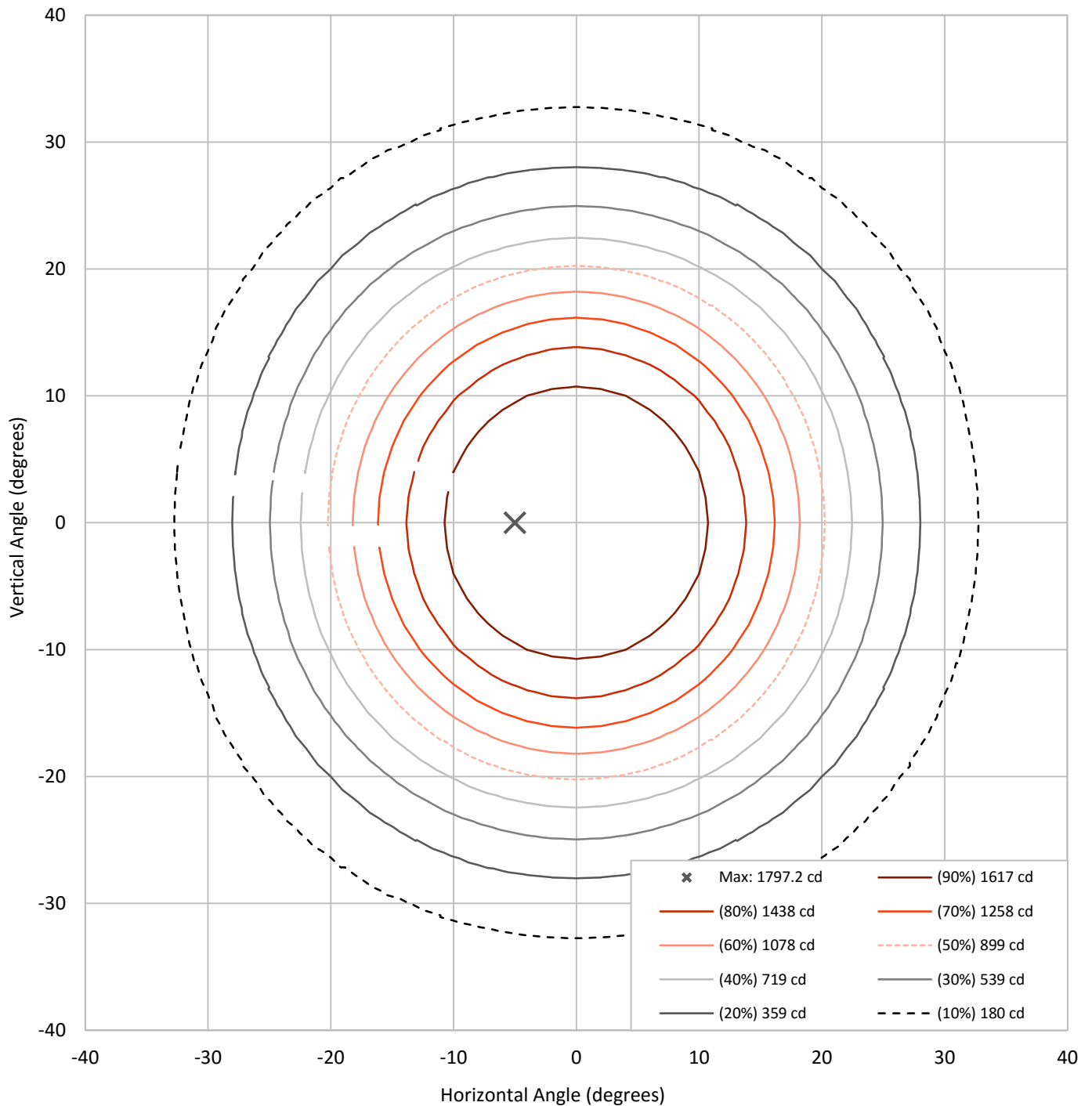
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	898.2 lumens	Max Intensity:	1797.2 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	89.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.5°H x 39.3°V	Field Angle (10%):	65.2°H x 64.7°V
Beam Lumens:	538.4 lumens	Field Lumens:	813.3 lumens
Beam Efficiency:	59.9%	Field Efficiency:	90.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

### Iso-Candela Plot





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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

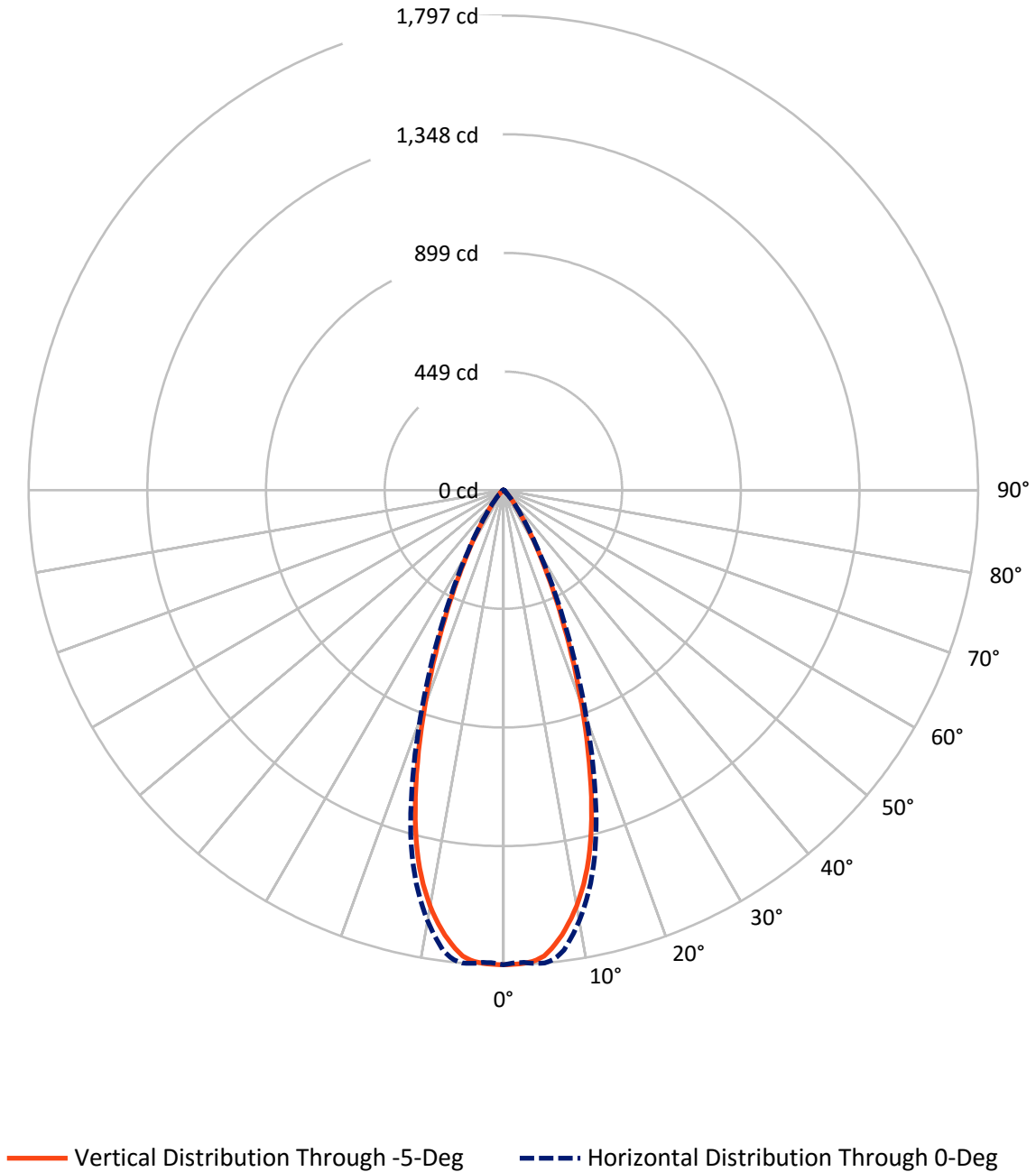
### Lumen Table

90	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0										
80	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0										
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
60		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0					
50	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.8	0.8	0.6	0.4	0.2	0.1	0.1	0.0				
40		0.0	0.1	0.2	0.4	1.2	2.6	3.9	3.9	2.6	1.2	0.4	0.2	0.1					
30	0.0	0.1	0.1	0.3	1.1	3.9	9.7	15.6	15.6	9.7	3.9	1.1	0.3	0.1	0.0				
20		0.1	0.1	0.4	2.2	9.2	24.3	37.9	37.9	24.3	9.2	2.2	0.4	0.1					
10	0.0	0.1	0.1	0.6	3.3	14.3	36.8	52.0	52.0	36.8	14.3	3.3	0.6	0.1	0.0				
0		0.1	0.1	0.6	3.3	14.3	36.8	52.0	52.0	36.8	14.3	3.3	0.6	0.1					
-10	0.0	0.1	0.1	0.6	3.3	14.3	36.8	52.0	52.0	36.8	14.3	3.3	0.6	0.1	0.0				
-20		0.1	0.1	0.4	2.2	9.2	24.3	37.9	37.9	24.3	9.2	2.2	0.4	0.1					
-30	0.0	0.1	0.1	0.3	1.1	3.9	9.7	15.6	15.6	9.7	3.9	1.1	0.3	0.1	0.0				
-40		0.0	0.1	0.2	0.4	1.2	2.6	3.9	3.9	2.6	1.2	0.4	0.2	0.1					
-50	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.8	0.8	0.6	0.4	0.2	0.1	0.1	0.0				
-60		0.0	0.1	0.1	0.2	0.4	0.6	0.8	0.8	0.6	0.4	0.2	0.1	0.1					
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-80		0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0									
-90	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0										

REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

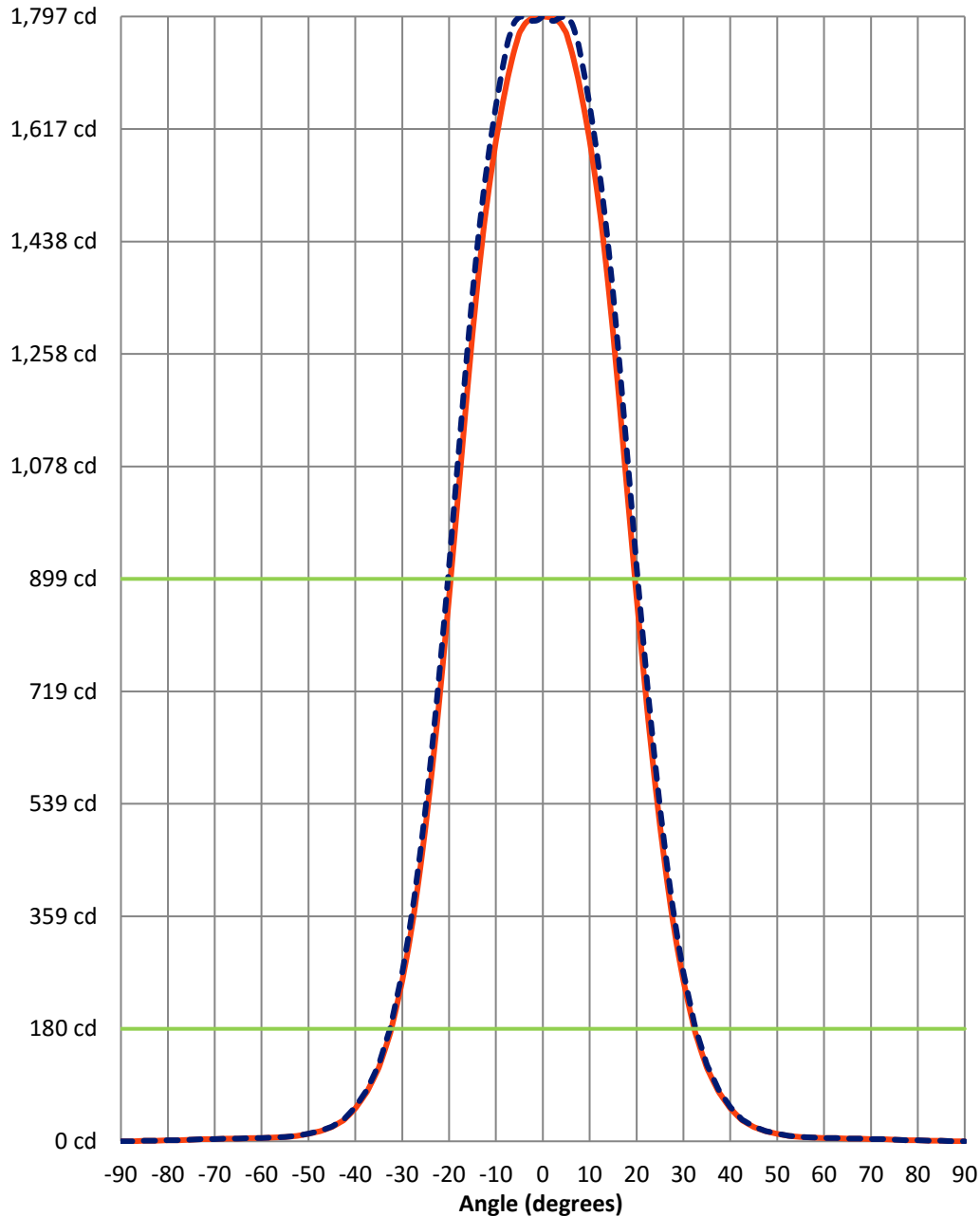
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

### Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 40.5°  
 V Angle: 39.3°  
 Lumens: 538.4  
 Efficiency: 59.9%

**Field:**  
 H Angle: 65.2°  
 V Angle: 64.7°  
 Lumens: 813.3  
 Efficiency: 90.5%

**Spill:**  
 Lumens: 84.9  
 Efficiency: 9.5%

- Vertical Distribution through -5-Deg
- - - Horizontal Distribution through 0-Deg



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	1
70°	0	0	0	0	0	0	0	0	0	0	1
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	0	0	0	1	1
66.25°	0	0	0	0	0	0	0	0	1	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	0	1	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	0	1	1	1	1
57.5°	0	0	0	0	0	0	1	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	0	1	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	2
38.75°	0	0	0	0	1	1	1	1	1	1	2
37.5°	0	0	0	0	1	1	1	1	1	1	2
36.25°	0	0	0	0	1	1	1	1	1	1	2
35°	0	0	0	0	1	1	1	1	1	1	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	1	1	1	1	1	1	2
32.5°	0	0	0	0	1	1	1	1	1	2	2
31.25°	0	0	0	0	1	1	1	1	1	2	2
30°	0	0	0	0	1	1	1	1	1	2	2
28.75°	0	0	0	0	1	1	1	1	1	2	2
27.5°	0	0	0	0	1	1	1	1	1	2	2
26.25°	0	0	0	0	1	1	1	1	1	2	2
25°	0	0	0	0	1	1	1	1	1	2	2
23.75°	0	0	0	0	1	1	1	1	1	2	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	2	2	2
18.75°	0	0	0	0	1	1	1	1	2	2	2
17.5°	0	0	0	0	1	1	1	1	2	2	2
16.25°	0	0	0	0	1	1	1	1	2	2	2
15°	0	0	0	0	1	1	1	1	2	2	2
13.75°	0	0	0	0	1	1	1	1	2	2	2
12.5°	0	0	0	0	1	1	1	1	2	2	2
11.25°	0	0	0	0	1	1	1	1	2	2	2
10°	0	0	0	0	1	1	1	1	2	2	2
8.75°	0	0	0	0	1	1	1	1	2	2	2
7.5°	0	0	0	0	1	1	1	1	2	2	2
6.25°	0	0	0	0	1	1	1	1	2	2	2
5°	0	0	0	0	1	1	1	1	2	2	2
3.75°	0	0	0	0	1	1	1	1	2	2	2
2.5°	0	0	0	0	1	1	1	1	2	2	2
1.25°	0	0	0	0	1	1	1	1	2	2	2
0°	0	0	0	0	1	1	1	1	2	2	2
-1.25°	0	0	0	0	1	1	1	1	2	2	2
-2.5°	0	0	0	0	1	1	1	1	2	2	2
-3.75°	0	0	0	0	1	1	1	1	2	2	2
-5°	0	0	0	0	1	1	1	1	2	2	2
-6.25°	0	0	0	0	1	1	1	1	2	2	2
-7.5°	0	0	0	0	1	1	1	1	2	2	2
-8.75°	0	0	0	0	1	1	1	1	2	2	2
-10°	0	0	0	0	1	1	1	1	2	2	2
-11.25°	0	0	0	0	1	1	1	1	2	2	2
-12.5°	0	0	0	0	1	1	1	1	2	2	2
-13.75°	0	0	0	0	1	1	1	1	2	2	2
-15°	0	0	0	0	1	1	1	1	2	2	2
-16.25°	0	0	0	0	1	1	1	1	2	2	2
-17.5°	0	0	0	0	1	1	1	1	2	2	2
-18.75°	0	0	0	0	1	1	1	1	2	2	2
-20°	0	0	0	0	1	1	1	1	2	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2





REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	1	2	2
-23.75°	0	0	0	0	1	1	1	1	1	2	2
-25°	0	0	0	0	1	1	1	1	1	2	2
-26.25°	0	0	0	0	1	1	1	1	1	2	2
-27.5°	0	0	0	0	1	1	1	1	1	2	2
-28.75°	0	0	0	0	1	1	1	1	1	2	2
-30°	0	0	0	0	1	1	1	1	1	2	2
-31.25°	0	0	0	0	1	1	1	1	1	2	2
-32.5°	0	0	0	0	1	1	1	1	1	2	2
-33.75°	0	0	0	0	1	1	1	1	1	1	2
-35°	0	0	0	0	1	1	1	1	1	1	2
-36.25°	0	0	0	0	1	1	1	1	1	1	2
-37.5°	0	0	0	0	1	1	1	1	1	1	2
-38.75°	0	0	0	0	1	1	1	1	1	1	2
-40°	0	0	0	0	0	1	1	1	1	1	2
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	1	1	1	1	1
-58.75°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	0	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	0	1
-71.25°	0	0	0	0	0	0	0	0	0	0	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	1	1	1
78.75°	0	0	0	0	0	0	1	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	2
66.25°	1	1	1	1	1	1	1	1	1	2	2
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	1	2	2	2	2	2
61.25°	1	1	1	1	1	2	2	2	2	2	2
60°	1	1	1	1	1	2	2	2	2	2	2
58.75°	1	1	1	1	2	2	2	2	2	2	2
57.5°	1	1	1	1	2	2	2	2	2	2	2
56.25°	1	1	1	2	2	2	2	2	2	2	2
55°	1	1	1	2	2	2	2	2	2	2	2
53.75°	1	1	2	2	2	2	2	2	2	2	3
52.5°	1	1	2	2	2	2	2	2	2	3	3
51.25°	1	1	2	2	2	2	2	2	2	3	3
50°	1	2	2	2	2	2	2	2	3	3	3
48.75°	1	2	2	2	2	2	2	2	3	3	3
47.5°	1	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	2	2	2	2	3	3	3	4
45°	2	2	2	2	2	2	3	3	3	3	4
43.75°	2	2	2	2	2	2	3	3	3	4	4
42.5°	2	2	2	2	2	2	3	3	3	4	4
41.25°	2	2	2	2	2	3	3	3	4	4	4
40°	2	2	2	2	2	3	3	3	4	4	4
38.75°	2	2	2	2	2	3	3	3	4	4	4
37.5°	2	2	2	2	3	3	3	4	4	4	4
36.25°	2	2	2	2	3	3	3	4	4	4	4
35°	2	2	2	2	3	3	3	4	4	4	4



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	2	2	2	2	3	3	4	4	4	4	4
32.5°	2	2	2	2	3	3	4	4	4	4	4
31.25°	2	2	2	3	3	3	4	4	4	4	4
30°	2	2	2	3	3	3	4	4	4	4	4
28.75°	2	2	2	3	3	3	4	4	4	4	4
27.5°	2	2	2	3	3	4	4	4	4	4	4
26.25°	2	2	2	3	3	4	4	4	4	4	4
25°	2	2	2	3	3	4	4	4	4	4	4
23.75°	2	2	3	3	3	4	4	4	4	4	4
22.5°	2	2	3	3	3	4	4	4	4	4	4
21.25°	2	2	3	3	3	4	4	4	4	4	4
20°	2	2	3	3	4	4	4	4	4	4	4
18.75°	2	2	3	3	4	4	4	4	4	4	4
17.5°	2	2	3	3	4	4	4	4	4	4	4
16.25°	2	2	3	3	4	4	4	4	4	4	4
15°	2	2	3	3	4	4	4	4	4	4	4
13.75°	2	2	3	3	4	4	4	4	4	4	4
12.5°	2	2	3	3	4	4	4	4	4	4	5
11.25°	2	2	3	3	4	4	4	4	4	4	5
10°	2	3	3	3	4	4	4	4	4	4	5
8.75°	2	3	3	3	4	4	4	4	4	4	5
7.5°	2	3	3	3	4	4	4	4	4	4	5
6.25°	2	3	3	3	4	4	4	4	4	4	5
5°	2	3	3	3	4	4	4	4	4	4	5
3.75°	2	3	3	3	4	4	4	4	4	4	5
2.5°	2	3	3	3	4	4	4	4	4	4	5
1.25°	2	3	3	3	4	4	4	4	4	4	5
0°	2	3	3	4	4	4	4	4	4	4	5
-1.25°	2	3	3	3	4	4	4	4	4	4	5
-2.5°	2	3	3	3	4	4	4	4	4	4	5
-3.75°	2	3	3	3	4	4	4	4	4	4	5
-5°	2	3	3	3	4	4	4	4	4	4	5
-6.25°	2	3	3	3	4	4	4	4	4	4	5
-7.5°	2	3	3	3	4	4	4	4	4	4	5
-8.75°	2	3	3	3	4	4	4	4	4	4	5
-10°	2	3	3	3	4	4	4	4	4	4	5
-11.25°	2	2	3	3	4	4	4	4	4	4	5
-12.5°	2	2	3	3	4	4	4	4	4	4	5
-13.75°	2	2	3	3	4	4	4	4	4	4	4
-15°	2	2	3	3	4	4	4	4	4	4	4
-16.25°	2	2	3	3	4	4	4	4	4	4	4
-17.5°	2	2	3	3	4	4	4	4	4	4	4
-18.75°	2	2	3	3	4	4	4	4	4	4	4
-20°	2	2	3	3	4	4	4	4	4	4	4
-21.25°	2	2	3	3	3	4	4	4	4	4	4



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	2	2	3	3	3	4	4	4	4	4	4
-23.75°	2	2	3	3	3	4	4	4	4	4	4
-25°	2	2	2	3	3	4	4	4	4	4	4
-26.25°	2	2	2	3	3	4	4	4	4	4	4
-27.5°	2	2	2	3	3	4	4	4	4	4	4
-28.75°	2	2	2	3	3	3	4	4	4	4	4
-30°	2	2	2	3	3	3	4	4	4	4	4
-31.25°	2	2	2	3	3	3	4	4	4	4	4
-32.5°	2	2	2	2	3	3	4	4	4	4	4
-33.75°	2	2	2	2	3	3	4	4	4	4	4
-35°	2	2	2	2	3	3	3	4	4	4	4
-36.25°	2	2	2	2	3	3	3	4	4	4	4
-37.5°	2	2	2	2	3	3	3	4	4	4	4
-38.75°	2	2	2	2	2	3	3	3	4	4	4
-40°	2	2	2	2	2	3	3	3	4	4	4
-41.25°	2	2	2	2	2	3	3	3	4	4	4
-42.5°	2	2	2	2	2	2	3	3	3	4	4
-43.75°	2	2	2	2	2	2	3	3	3	4	4
-45°	2	2	2	2	2	2	3	3	3	3	4
-46.25°	2	2	2	2	2	2	2	3	3	3	4
-47.5°	1	2	2	2	2	2	2	3	3	3	3
-48.75°	1	2	2	2	2	2	2	2	3	3	3
-50°	1	2	2	2	2	2	2	2	3	3	3
-51.25°	1	1	2	2	2	2	2	2	2	3	3
-52.5°	1	1	2	2	2	2	2	2	2	3	3
-53.75°	1	1	2	2	2	2	2	2	2	2	3
-55°	1	1	1	2	2	2	2	2	2	2	2
-56.25°	1	1	1	2	2	2	2	2	2	2	2
-57.5°	1	1	1	1	2	2	2	2	2	2	2
-58.75°	1	1	1	1	2	2	2	2	2	2	2
-60°	1	1	1	1	1	2	2	2	2	2	2
-61.25°	1	1	1	1	1	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	1	1	1	1	1
-80°	0	0	0	0	0	0	0	0	1	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	1	1
82.5°	0	0	0	0	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	2
73.75°	1	1	1	1	1	1	1	2	2	2	2
72.5°	1	1	1	1	1	2	2	2	2	2	2
71.25°	1	1	1	2	2	2	2	2	2	2	2
70°	1	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	3
65°	2	2	2	2	2	2	2	2	3	3	3
63.75°	2	2	2	2	2	2	2	3	3	3	3
62.5°	2	2	2	2	2	3	3	3	3	3	3
61.25°	2	2	2	2	3	3	3	3	3	4	4
60°	2	2	2	3	3	3	3	3	4	4	4
58.75°	2	2	3	3	3	3	3	4	4	4	4
57.5°	2	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	4	4
55°	3	3	3	3	4	4	4	4	4	4	4
53.75°	3	3	3	4	4	4	4	4	4	4	4
52.5°	3	3	4	4	4	4	4	4	4	4	4
51.25°	3	4	4	4	4	4	4	4	4	4	4
50°	3	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	5
46.25°	4	4	4	4	4	4	4	4	4	5	5
45°	4	4	4	4	4	4	4	4	4	5	5
43.75°	4	4	4	4	4	4	4	4	5	5	5
42.5°	4	4	4	4	4	4	4	5	5	5	5
41.25°	4	4	4	4	4	4	4	5	5	5	5
40°	4	4	4	4	4	4	5	5	5	5	5
38.75°	4	4	4	4	4	5	5	5	5	5	5
37.5°	4	4	4	4	4	5	5	5	5	5	5
36.25°	4	4	4	4	5	5	5	5	5	5	6
35°	4	4	4	4	5	5	5	5	5	6	6



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	4	4	4	4	5	5	5	5	5	6	6
32.5°	4	4	4	5	5	5	5	5	6	6	6
31.25°	4	4	4	5	5	5	5	5	6	6	6
30°	4	4	5	5	5	5	5	5	6	6	7
28.75°	4	4	5	5	5	5	5	6	6	6	7
27.5°	4	4	5	5	5	5	5	6	6	6	7
26.25°	4	4	5	5	5	5	6	6	6	7	7
25°	4	5	5	5	5	5	6	6	6	7	7
23.75°	4	5	5	5	5	5	6	6	7	7	8
22.5°	4	5	5	5	5	6	6	6	7	7	8
21.25°	4	5	5	5	5	6	6	6	7	7	8
20°	5	5	5	5	5	6	6	7	7	8	8
18.75°	5	5	5	5	5	6	6	7	7	8	9
17.5°	5	5	5	5	5	6	6	7	7	8	9
16.25°	5	5	5	5	6	6	6	7	7	8	10
15°	5	5	5	5	6	6	6	7	8	8	10
13.75°	5	5	5	5	6	6	7	7	8	9	10
12.5°	5	5	5	5	6	6	7	7	8	9	11
11.25°	5	5	5	5	6	6	7	7	8	9	11
10°	5	5	5	5	6	6	7	7	8	9	11
8.75°	5	5	5	6	6	6	7	7	8	10	11
7.5°	5	5	5	6	6	6	7	8	8	10	12
6.25°	5	5	5	6	6	6	7	8	9	10	12
5°	5	5	5	6	6	6	7	8	9	10	12
3.75°	5	5	5	6	6	6	7	8	9	10	12
2.5°	5	5	5	6	6	6	7	8	9	10	12
1.25°	5	5	5	6	6	6	7	8	9	10	12
0°	5	5	5	6	6	7	7	8	9	10	12
-1.25°	5	5	5	6	6	6	7	8	9	10	12
-2.5°	5	5	5	6	6	6	7	8	9	10	12
-3.75°	5	5	5	6	6	6	7	8	9	10	12
-5°	5	5	5	6	6	6	7	8	9	10	12
-6.25°	5	5	5	6	6	6	7	8	9	10	12
-7.5°	5	5	5	6	6	6	7	8	8	10	12
-8.75°	5	5	5	6	6	6	7	7	8	10	11
-10°	5	5	5	5	6	6	7	7	8	9	11
-11.25°	5	5	5	5	6	6	7	7	8	9	11
-12.5°	5	5	5	5	6	6	7	7	8	9	11
-13.75°	5	5	5	5	6	6	7	7	8	9	10
-15°	5	5	5	5	6	6	6	7	8	8	10
-16.25°	5	5	5	5	6	6	6	7	7	8	10
-17.5°	5	5	5	5	5	6	6	7	7	8	9
-18.75°	5	5	5	5	5	6	6	7	7	8	9
-20°	5	5	5	5	5	6	6	7	7	8	8
-21.25°	4	5	5	5	5	6	6	6	7	7	8





REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	5	5	5	5	6	6	6	7	7	8
-23.75°	4	5	5	5	5	5	6	6	7	7	8
-25°	4	5	5	5	5	5	6	6	6	7	7
-26.25°	4	4	5	5	5	5	6	6	6	7	7
-27.5°	4	4	5	5	5	5	5	6	6	6	7
-28.75°	4	4	5	5	5	5	5	6	6	6	7
-30°	4	4	5	5	5	5	5	5	6	6	7
-31.25°	4	4	4	5	5	5	5	5	6	6	6
-32.5°	4	4	4	5	5	5	5	5	6	6	6
-33.75°	4	4	4	4	5	5	5	5	5	6	6
-35°	4	4	4	4	5	5	5	5	5	6	6
-36.25°	4	4	4	4	5	5	5	5	5	5	6
-37.5°	4	4	4	4	4	5	5	5	5	5	5
-38.75°	4	4	4	4	4	5	5	5	5	5	5
-40°	4	4	4	4	4	4	5	5	5	5	5
-41.25°	4	4	4	4	4	4	4	5	5	5	5
-42.5°	4	4	4	4	4	4	4	5	5	5	5
-43.75°	4	4	4	4	4	4	4	4	5	5	5
-45°	4	4	4	4	4	4	4	4	4	5	5
-46.25°	4	4	4	4	4	4	4	4	4	5	5
-47.5°	4	4	4	4	4	4	4	4	4	4	5
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	3	4	4	4	4	4	4	4	4	4	4
-51.25°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	4	4	4	4	4	4	4	4	4
-53.75°	3	3	3	4	4	4	4	4	4	4	4
-55°	3	3	3	3	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	4	4	4	4	4	4
-57.5°	2	3	3	3	3	3	4	4	4	4	4
-58.75°	2	2	3	3	3	3	3	4	4	4	4
-60°	2	2	2	3	3	3	3	3	4	4	4
-61.25°	2	2	2	2	3	3	3	3	3	4	4
-62.5°	2	2	2	2	2	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	3	3	3	3
-65°	2	2	2	2	2	2	2	2	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	2	2	2	2
76.25°	1	1	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	3	3
70°	2	2	2	2	2	2	3	3	3	3	3
68.75°	2	2	2	3	3	3	3	3	3	3	3
67.5°	2	3	3	3	3	3	3	3	3	4	4
66.25°	3	3	3	3	3	3	4	4	4	4	4
65°	3	3	3	3	4	4	4	4	4	4	4
63.75°	3	3	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	5
56.25°	4	4	4	4	4	4	4	4	5	5	5
55°	4	4	4	4	4	4	4	5	5	5	5
53.75°	4	4	4	4	4	5	5	5	5	5	5
52.5°	4	4	4	4	5	5	5	5	5	5	5
51.25°	4	4	5	5	5	5	5	5	5	5	5
50°	4	5	5	5	5	5	5	5	5	5	6
48.75°	5	5	5	5	5	5	5	5	6	6	6
47.5°	5	5	5	5	5	5	5	6	6	6	6
46.25°	5	5	5	5	5	5	6	6	6	6	7
45°	5	5	5	5	5	6	6	6	6	7	7
43.75°	5	5	5	5	6	6	6	6	7	7	7
42.5°	5	5	5	6	6	6	6	7	7	7	8
41.25°	5	5	6	6	6	6	7	7	8	8	9
40°	5	6	6	6	6	7	7	8	8	9	10
38.75°	6	6	6	6	7	7	8	8	9	10	11
37.5°	6	6	6	7	7	7	8	9	10	11	12
36.25°	6	6	7	7	7	8	9	10	11	12	13
35°	6	6	7	7	8	8	9	11	12	13	15



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	6	7	7	8	8	9	10	12	13	14	16
32.5°	7	7	7	8	9	10	11	13	14	16	17
31.25°	7	7	8	8	10	11	12	14	15	17	20
30°	7	7	8	9	10	12	13	15	16	19	22
28.75°	7	8	9	10	11	13	14	16	18	21	23
27.5°	7	8	9	11	12	14	15	17	20	23	27
26.25°	8	9	10	11	13	15	16	19	22	25	29
25°	8	9	11	12	14	16	18	21	23	28	32
23.75°	8	10	11	13	15	16	19	22	26	31	35
22.5°	9	10	12	14	15	18	21	24	28	33	40
21.25°	9	11	12	14	16	19	22	26	31	36	45
20°	10	11	13	15	17	20	23	28	33	40	49
18.75°	10	12	14	16	18	21	25	30	36	44	53
17.5°	11	12	14	16	19	23	27	32	39	48	58
16.25°	11	13	15	17	20	24	29	34	43	52	63
15°	12	13	15	18	21	25	31	37	46	55	68
13.75°	12	14	16	19	22	27	32	39	49	59	72
12.5°	12	14	16	20	23	28	33	42	51	63	76
11.25°	13	15	17	20	24	29	35	44	54	67	80
10°	13	15	18	21	25	30	37	46	57	70	84
8.75°	13	15	18	22	26	31	39	48	59	73	88
7.5°	14	16	19	22	27	32	40	50	62	75	92
6.25°	14	16	19	23	28	33	42	51	64	78	95
5°	14	16	19	23	28	34	43	53	66	79	98
3.75°	14	16	20	23	29	34	44	54	67	81	100
2.5°	14	16	20	23	29	34	44	54	68	82	101
1.25°	14	16	20	23	29	35	45	55	68	82	102
0°	14	17	20	24	29	35	45	55	69	83	103
-1.25°	14	16	20	23	29	35	45	55	68	82	102
-2.5°	14	16	20	23	29	34	44	54	68	82	101
-3.75°	14	16	20	23	29	34	44	54	67	81	100
-5°	14	16	19	23	28	34	43	53	66	79	98
-6.25°	14	16	19	23	28	33	42	51	64	78	95
-7.5°	14	16	19	22	27	32	40	50	62	75	92
-8.75°	13	15	18	22	26	31	39	48	59	73	88
-10°	13	15	18	21	25	30	37	46	57	70	84
-11.25°	13	15	17	20	24	29	35	44	54	67	80
-12.5°	12	14	16	20	23	28	33	42	51	63	76
-13.75°	12	14	16	19	22	27	32	39	49	59	72
-15°	12	13	15	18	21	25	31	37	46	55	68
-16.25°	11	13	15	17	20	24	29	34	43	52	63
-17.5°	11	12	14	16	19	23	27	32	39	48	58
-18.75°	10	12	14	16	18	21	25	30	36	44	53
-20°	10	11	13	15	17	20	23	28	33	40	49
-21.25°	9	11	12	14	16	19	22	26	31	36	45



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	9	10	12	14	15	18	21	24	28	33	40
-23.75°	8	10	11	13	15	16	19	22	26	31	35
-25°	8	9	11	12	14	16	18	21	23	28	32
-26.25°	8	9	10	11	13	15	16	19	22	25	29
-27.5°	7	8	9	11	12	14	15	17	20	23	27
-28.75°	7	8	9	10	11	13	14	16	18	21	23
-30°	7	7	8	9	10	12	13	15	16	19	22
-31.25°	7	7	8	8	10	11	12	14	15	17	20
-32.5°	7	7	7	8	9	10	11	13	14	16	17
-33.75°	6	7	7	8	8	9	10	12	13	14	16
-35°	6	6	7	7	8	8	9	11	12	13	15
-36.25°	6	6	7	7	7	8	9	10	11	12	13
-37.5°	6	6	6	7	7	7	8	9	10	11	12
-38.75°	6	6	6	6	7	7	8	8	9	10	11
-40°	5	6	6	6	6	7	7	8	8	9	10
-41.25°	5	5	6	6	6	6	7	7	8	8	9
-42.5°	5	5	5	6	6	6	6	7	7	7	8
-43.75°	5	5	5	5	6	6	6	6	7	7	7
-45°	5	5	5	5	5	6	6	6	6	7	7
-46.25°	5	5	5	5	5	5	6	6	6	6	7
-47.5°	5	5	5	5	5	5	5	6	6	6	6
-48.75°	5	5	5	5	5	5	5	5	6	6	6
-50°	4	5	5	5	5	5	5	5	5	5	6
-51.25°	4	4	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	5	5	5	5	5	5
-55°	4	4	4	4	4	4	4	5	5	5	5
-56.25°	4	4	4	4	4	4	4	4	5	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	3	3	4	4	4	4	4	4	4	4	4
-65°	3	3	3	3	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	4	4	4	4	4
-67.5°	2	3	3	3	3	3	3	3	3	4	4
-68.75°	2	2	2	3	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	2	2	2	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	3	3
72.5°	2	2	2	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	4	4	4	4	4
68.75°	3	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	5	5	5
60°	4	4	4	4	5	5	5	5	5	5	5
58.75°	4	4	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	6
55°	5	5	5	5	5	5	5	6	6	6	6
53.75°	5	5	5	5	5	6	6	6	6	6	6
52.5°	5	5	6	6	6	6	6	6	6	7	7
51.25°	6	6	6	6	6	6	6	7	7	7	7
50°	6	6	6	6	7	7	7	7	7	8	8
48.75°	6	6	7	7	7	7	7	8	8	8	9
47.5°	6	7	7	7	7	8	8	9	9	10	10
46.25°	7	7	7	8	8	9	9	10	11	11	12
45°	7	8	8	8	9	10	11	11	12	13	14
43.75°	8	8	9	10	10	11	12	13	14	15	15
42.5°	8	9	10	11	12	13	14	15	16	16	18
41.25°	9	10	11	12	13	14	15	16	18	19	21
40°	11	12	13	14	15	16	17	19	21	22	24
38.75°	12	13	14	15	16	18	20	22	23	26	28
37.5°	13	14	16	17	19	21	23	25	28	31	33
36.25°	15	16	17	20	22	23	27	29	32	35	40
35°	16	18	20	22	24	28	31	34	38	43	48



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	18	20	22	25	28	32	35	40	46	51	57
32.5°	20	22	25	29	32	36	42	48	54	61	68
31.25°	22	25	29	32	37	43	49	55	63	71	79
30°	24	28	32	37	43	50	57	65	74	82	93
28.75°	28	32	36	43	50	57	66	75	84	96	108
27.5°	31	35	42	49	57	66	76	86	99	111	123
26.25°	34	40	48	55	65	75	86	99	112	127	145
25°	38	46	54	63	74	84	99	112	128	148	167
23.75°	43	51	61	71	82	96	111	127	148	168	191
22.5°	48	57	68	79	93	108	123	145	167	191	221
21.25°	53	64	75	88	104	119	141	163	187	219	250
20°	58	70	82	98	114	134	158	181	213	246	280
18.75°	64	76	90	107	125	149	174	204	239	273	313
17.5°	70	82	99	116	139	164	192	228	263	303	348
16.25°	75	90	108	126	152	178	213	250	289	335	385
15°	80	97	115	139	165	195	233	271	316	366	422
13.75°	86	104	123	150	177	213	252	295	344	399	459
12.5°	92	111	133	160	190	230	269	317	371	431	497
11.25°	98	117	142	170	205	245	289	340	398	462	532
10°	103	122	150	179	218	259	306	361	423	492	566
8.75°	107	129	158	188	230	272	323	381	447	519	597
7.5°	111	135	164	198	240	285	339	400	468	544	626
6.25°	115	140	170	206	249	296	352	416	488	566	652
5°	118	145	174	213	256	306	363	430	504	585	673
3.75°	120	148	178	219	262	313	373	441	517	599	690
2.5°	121	150	180	223	266	319	380	449	526	610	703
1.25°	122	152	182	225	268	322	384	454	532	617	711
0°	123	152	182	226	269	324	385	455	533	619	713
-1.25°	122	152	182	225	268	322	384	454	532	617	711
-2.5°	121	150	180	223	266	319	380	449	526	610	703
-3.75°	120	148	178	219	262	313	373	441	517	599	690
-5°	118	145	174	213	256	306	363	430	504	585	673
-6.25°	115	140	170	206	249	296	352	416	488	566	652
-7.5°	111	135	164	198	240	285	339	400	468	544	626
-8.75°	107	129	158	188	230	272	323	381	447	519	597
-10°	103	122	150	179	218	259	306	361	423	492	566
-11.25°	98	117	142	170	205	245	289	340	398	462	532
-12.5°	92	111	133	160	190	230	269	317	371	431	497
-13.75°	86	104	123	150	177	213	252	295	344	399	459
-15°	80	97	115	139	165	195	233	271	316	366	422
-16.25°	75	90	108	126	152	178	213	250	289	335	385
-17.5°	70	82	99	116	139	164	192	228	263	303	348
-18.75°	64	76	90	107	125	149	174	204	239	273	313
-20°	58	70	82	98	114	134	158	181	213	246	280
-21.25°	53	64	75	88	104	119	141	163	187	219	250





REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	48	57	68	79	93	108	123	145	167	191	221
-23.75°	43	51	61	71	82	96	111	127	148	168	191
-25°	38	46	54	63	74	84	99	112	128	148	167
-26.25°	34	40	48	55	65	75	86	99	112	127	145
-27.5°	31	35	42	49	57	66	76	86	99	111	123
-28.75°	28	32	36	43	50	57	66	75	84	96	108
-30°	24	28	32	37	43	50	57	65	74	82	93
-31.25°	22	25	29	32	37	43	49	55	63	71	79
-32.5°	20	22	25	29	32	36	42	48	54	61	68
-33.75°	18	20	22	25	28	32	35	40	46	51	57
-35°	16	18	20	22	24	28	31	34	38	43	48
-36.25°	15	16	17	20	22	23	27	29	32	35	40
-37.5°	13	14	16	17	19	21	23	25	28	31	33
-38.75°	12	13	14	15	16	18	20	22	23	26	28
-40°	11	12	13	14	15	16	17	19	21	22	24
-41.25°	9	10	11	12	13	14	15	16	18	19	21
-42.5°	8	9	10	11	12	13	14	15	16	16	18
-43.75°	8	8	9	10	10	11	12	13	14	15	15
-45°	7	8	8	8	9	10	11	11	12	13	14
-46.25°	7	7	7	8	8	9	9	10	11	11	12
-47.5°	6	7	7	7	7	8	8	9	9	10	10
-48.75°	6	6	7	7	7	7	7	8	8	8	9
-50°	6	6	6	6	7	7	7	7	7	8	8
-51.25°	6	6	6	6	6	6	6	7	7	7	7
-52.5°	5	5	6	6	6	6	6	6	6	7	7
-53.75°	5	5	5	5	5	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	6	6	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	6
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	5	5	5
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	3	4	4	4	4	4	4	4	4	4	4
-70°	3	3	3	3	3	3	4	4	4	4	4
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	3	3
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	5	5	5	5
62.5°	4	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	6
57.5°	5	5	5	5	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	7	7	7	7	7
53.75°	6	7	7	7	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	8	8	8	8	8	8
51.25°	7	8	8	8	8	8	9	9	9	9	10
50°	8	8	9	9	10	10	10	11	11	11	11
48.75°	9	10	10	11	11	12	12	12	13	13	13
47.5°	11	11	12	12	13	13	14	14	15	15	15
46.25°	12	13	14	14	15	15	16	16	17	18	18
45°	14	15	16	16	17	18	19	20	20	21	22
43.75°	16	17	18	19	20	21	22	23	24	25	26
42.5°	19	20	21	23	24	25	27	28	29	30	31
41.25°	22	23	25	27	29	31	32	33	35	37	39
40°	26	28	30	32	34	37	39	42	44	46	48
38.75°	31	33	36	39	43	46	49	51	54	57	59
37.5°	36	40	44	48	52	55	59	63	67	70	73
36.25°	45	49	53	58	63	68	72	76	80	84	88
35°	53	58	64	70	75	80	86	92	98	103	107



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	64	70	76	82	90	97	104	111	117	122	129
32.5°	75	82	90	99	108	115	123	133	142	150	158
31.25°	88	98	107	116	126	139	150	160	170	179	188
30°	104	114	125	139	152	165	177	190	205	218	230
28.75°	119	134	149	164	178	195	213	230	245	259	272
27.5°	141	158	174	192	213	233	252	269	289	306	323
26.25°	163	181	204	228	250	271	295	317	340	361	381
25°	187	213	239	263	289	316	344	371	398	423	447
23.75°	219	246	273	303	335	366	399	431	462	492	519
22.5°	250	280	313	348	385	422	459	497	532	566	597
21.25°	282	318	357	398	440	482	525	567	607	646	682
20°	318	359	404	450	498	546	594	641	687	731	772
18.75°	357	404	454	506	559	613	666	720	772	821	866
17.5°	398	450	506	564	623	682	743	803	859	912	964
16.25°	440	498	559	623	688	754	821	885	948	1009	1061
15°	482	546	613	682	754	827	899	970	1038	1099	1158
13.75°	525	594	666	743	821	899	978	1053	1124	1191	1251
12.5°	567	641	720	803	885	970	1053	1132	1208	1277	1337
11.25°	607	687	772	859	948	1038	1124	1208	1285	1353	1413
10°	646	731	821	912	1009	1099	1191	1277	1353	1422	1479
8.75°	682	772	866	964	1061	1158	1251	1337	1413	1479	1534
7.5°	715	810	907	1010	1109	1210	1303	1388	1463	1526	1581
6.25°	744	842	944	1048	1152	1254	1348	1433	1505	1566	1620
5°	768	869	975	1081	1188	1290	1383	1466	1537	1599	1652
3.75°	788	891	1000	1107	1216	1318	1411	1493	1562	1623	1676
2.5°	803	906	1017	1126	1236	1338	1432	1511	1580	1641	1695
1.25°	811	916	1028	1137	1248	1350	1443	1521	1591	1651	1706
0°	814	919	1031	1141	1252	1354	1446	1525	1594	1655	1709
-1.25°	811	916	1028	1137	1248	1350	1443	1521	1591	1651	1706
-2.5°	803	906	1017	1126	1236	1338	1432	1511	1580	1641	1695
-3.75°	788	891	1000	1107	1216	1318	1411	1493	1562	1623	1676
-5°	768	869	975	1081	1188	1290	1383	1466	1537	1599	1652
-6.25°	744	842	944	1048	1152	1254	1348	1433	1505	1566	1620
-7.5°	715	810	907	1010	1109	1210	1303	1388	1463	1526	1581
-8.75°	682	772	866	964	1061	1158	1251	1337	1413	1479	1534
-10°	646	731	821	912	1009	1099	1191	1277	1353	1422	1479
-11.25°	607	687	772	859	948	1038	1124	1208	1285	1353	1413
-12.5°	567	641	720	803	885	970	1053	1132	1208	1277	1337
-13.75°	525	594	666	743	821	899	978	1053	1124	1191	1251
-15°	482	546	613	682	754	827	899	970	1038	1099	1158
-16.25°	440	498	559	623	688	754	821	885	948	1009	1061
-17.5°	398	450	506	564	623	682	743	803	859	912	964
-18.75°	357	404	454	506	559	613	666	720	772	821	866
-20°	318	359	404	450	498	546	594	641	687	731	772
-21.25°	282	318	357	398	440	482	525	567	607	646	682



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	250	280	313	348	385	422	459	497	532	566	597
-23.75°	219	246	273	303	335	366	399	431	462	492	519
-25°	187	213	239	263	289	316	344	371	398	423	447
-26.25°	163	181	204	228	250	271	295	317	340	361	381
-27.5°	141	158	174	192	213	233	252	269	289	306	323
-28.75°	119	134	149	164	178	195	213	230	245	259	272
-30°	104	114	125	139	152	165	177	190	205	218	230
-31.25°	88	98	107	116	126	139	150	160	170	179	188
-32.5°	75	82	90	99	108	115	123	133	142	150	158
-33.75°	64	70	76	82	90	97	104	111	117	122	129
-35°	53	58	64	70	75	80	86	92	98	103	107
-36.25°	45	49	53	58	63	68	72	76	80	84	88
-37.5°	36	40	44	48	52	55	59	63	67	70	73
-38.75°	31	33	36	39	43	46	49	51	54	57	59
-40°	26	28	30	32	34	37	39	42	44	46	48
-41.25°	22	23	25	27	29	31	32	33	35	37	39
-42.5°	19	20	21	23	24	25	27	28	29	30	31
-43.75°	16	17	18	19	20	21	22	23	24	25	26
-45°	14	15	16	16	17	18	19	20	20	21	22
-46.25°	12	13	14	14	15	15	16	16	17	18	18
-47.5°	11	11	12	12	13	13	14	14	15	15	15
-48.75°	9	10	10	11	11	12	12	12	13	13	13
-50°	8	8	9	9	10	10	10	11	11	11	11
-51.25°	7	8	8	8	8	8	9	9	9	9	10
-52.5°	7	7	7	7	7	8	8	8	8	8	8
-53.75°	6	7	7	7	7	7	7	7	7	7	7
-55°	6	6	6	6	6	6	7	7	7	7	7
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	6
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	4	5	5	5	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	5	5	5	5
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	4	4	4	4	4	4	4	4	4	4
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	3	3
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	3	3	3	3	3	3	3	3	3	3	3
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	4	3	3	3	3
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	6	6	6	6	6	6	6	6	6
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	7	6	6	6	6
55°	7	7	7	7	7	7	7	7	7	7	7
53.75°	8	8	8	8	8	8	8	8	8	8	8
52.5°	8	9	9	9	9	9	9	9	9	9	9
51.25°	10	10	10	10	10	10	10	10	10	10	10
50°	12	12	12	12	12	12	12	12	12	12	12
48.75°	14	14	14	14	14	14	14	14	14	14	14
47.5°	16	16	16	16	16	16	17	16	16	16	16
46.25°	19	19	19	20	20	20	20	20	20	20	19
45°	22	23	23	23	23	23	24	23	23	23	23
43.75°	27	28	28	29	29	29	29	29	29	29	28
42.5°	32	33	34	34	34	35	35	35	34	34	34
41.25°	40	42	43	44	44	45	45	45	44	44	43
40°	50	51	53	54	54	55	55	55	54	54	53
38.75°	62	64	66	67	68	68	69	68	68	67	66
37.5°	75	78	79	81	82	82	83	82	82	81	79
36.25°	92	95	98	100	101	102	103	102	101	100	98
35°	111	115	118	120	121	122	123	122	121	120	118







REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	626	652	673	690	703	711	713	711	703	690	673
-23.75°	544	566	585	599	610	617	619	617	610	599	585
-25°	468	488	504	517	526	532	533	532	526	517	504
-26.25°	400	416	430	441	449	454	455	454	449	441	430
-27.5°	339	352	363	373	380	384	385	384	380	373	363
-28.75°	285	296	306	313	319	322	324	322	319	313	306
-30°	240	249	256	262	266	268	269	268	266	262	256
-31.25°	198	206	213	219	223	225	226	225	223	219	213
-32.5°	164	170	174	178	180	182	182	182	180	178	174
-33.75°	135	140	145	148	150	152	152	152	150	148	145
-35°	111	115	118	120	121	122	123	122	121	120	118
-36.25°	92	95	98	100	101	102	103	102	101	100	98
-37.5°	75	78	79	81	82	82	83	82	82	81	79
-38.75°	62	64	66	67	68	68	69	68	68	67	66
-40°	50	51	53	54	54	55	55	55	54	54	53
-41.25°	40	42	43	44	44	45	45	45	44	44	43
-42.5°	32	33	34	34	34	35	35	35	34	34	34
-43.75°	27	28	28	29	29	29	29	29	29	29	28
-45°	22	23	23	23	23	23	24	23	23	23	23
-46.25°	19	19	19	20	20	20	20	20	20	20	19
-47.5°	16	16	16	16	16	16	17	16	16	16	16
-48.75°	14	14	14	14	14	14	14	14	14	14	14
-50°	12	12	12	12	12	12	12	12	12	12	12
-51.25°	10	10	10	10	10	10	10	10	10	10	10
-52.5°	8	9	9	9	9	9	9	9	9	9	9
-53.75°	8	8	8	8	8	8	8	8	8	8	8
-55°	7	7	7	7	7	7	7	7	7	7	7
-56.25°	6	6	6	6	6	6	7	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	6	6	6	6	6	6	6	6	6	6	6
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	3	3	3	3	3	3	4	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	3	3	3	3	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	5	5	5	5	5	5	4	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	6	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	5	5
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	7	7	7	7	7	7	7	6	6	6	6
53.75°	8	8	7	7	7	7	7	7	7	7	7
52.5°	9	8	8	8	8	8	8	8	7	7	7
51.25°	10	10	10	9	9	9	9	8	8	8	8
50°	12	12	11	11	11	11	10	10	10	9	9
48.75°	14	14	13	13	13	12	12	12	11	11	10
47.5°	16	16	15	15	15	14	14	13	13	12	12
46.25°	19	19	18	18	17	16	16	15	15	14	14
45°	23	22	22	21	20	20	19	18	17	16	16
43.75°	28	27	26	25	24	23	22	21	20	19	18
42.5°	33	32	31	30	29	28	27	25	24	23	21
41.25°	42	40	39	37	35	33	32	31	29	27	25
40°	51	50	48	46	44	42	39	37	34	32	30
38.75°	64	62	59	57	54	51	49	46	43	39	36
37.5°	78	75	73	70	67	63	59	55	52	48	44
36.25°	95	92	88	84	80	76	72	68	63	58	53
35°	115	111	107	103	98	92	86	80	75	70	64



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	140	135	129	122	117	111	104	97	90	82	76
32.5°	170	164	158	150	142	133	123	115	108	99	90
31.25°	206	198	188	179	170	160	150	139	126	116	107
30°	249	240	230	218	205	190	177	165	152	139	125
28.75°	296	285	272	259	245	230	213	195	178	164	149
27.5°	352	339	323	306	289	269	252	233	213	192	174
26.25°	416	400	381	361	340	317	295	271	250	228	204
25°	488	468	447	423	398	371	344	316	289	263	239
23.75°	566	544	519	492	462	431	399	366	335	303	273
22.5°	652	626	597	566	532	497	459	422	385	348	313
21.25°	744	715	682	646	607	567	525	482	440	398	357
20°	842	810	772	731	687	641	594	546	498	450	404
18.75°	944	907	866	821	772	720	666	613	559	506	454
17.5°	1048	1010	964	912	859	803	743	682	623	564	506
16.25°	1152	1109	1061	1009	948	885	821	754	688	623	559
15°	1254	1210	1158	1099	1038	970	899	827	754	682	613
13.75°	1348	1303	1251	1191	1124	1053	978	899	821	743	666
12.5°	1433	1388	1337	1277	1208	1132	1053	970	885	803	720
11.25°	1505	1463	1413	1353	1285	1208	1124	1038	948	859	772
10°	1566	1526	1479	1422	1353	1277	1191	1099	1009	912	821
8.75°	1620	1581	1534	1479	1413	1337	1251	1158	1061	964	866
7.5°	1666	1627	1581	1526	1463	1388	1303	1210	1109	1010	907
6.25°	1706	1666	1620	1566	1505	1433	1348	1254	1152	1048	944
5°	1739	1699	1652	1599	1537	1466	1383	1290	1188	1081	975
3.75°	1763	1724	1676	1623	1562	1493	1411	1318	1216	1107	1000
2.5°	1778	1742	1695	1641	1580	1511	1432	1338	1236	1126	1017
1.25°	1784	1752	1706	1651	1591	1521	1443	1350	1248	1137	1028
0°	1787	1756	1709	1655	1594	1525	1446	1354	1252	1141	1031
-1.25°	1784	1752	1706	1651	1591	1521	1443	1350	1248	1137	1028
-2.5°	1778	1742	1695	1641	1580	1511	1432	1338	1236	1126	1017
-3.75°	1763	1724	1676	1623	1562	1493	1411	1318	1216	1107	1000
-5°	1739	1699	1652	1599	1537	1466	1383	1290	1188	1081	975
-6.25°	1706	1666	1620	1566	1505	1433	1348	1254	1152	1048	944
-7.5°	1666	1627	1581	1526	1463	1388	1303	1210	1109	1010	907
-8.75°	1620	1581	1534	1479	1413	1337	1251	1158	1061	964	866
-10°	1566	1526	1479	1422	1353	1277	1191	1099	1009	912	821
-11.25°	1505	1463	1413	1353	1285	1208	1124	1038	948	859	772
-12.5°	1433	1388	1337	1277	1208	1132	1053	970	885	803	720
-13.75°	1348	1303	1251	1191	1124	1053	978	899	821	743	666
-15°	1254	1210	1158	1099	1038	970	899	827	754	682	613
-16.25°	1152	1109	1061	1009	948	885	821	754	688	623	559
-17.5°	1048	1010	964	912	859	803	743	682	623	564	506
-18.75°	944	907	866	821	772	720	666	613	559	506	454
-20°	842	810	772	731	687	641	594	546	498	450	404
-21.25°	744	715	682	646	607	567	525	482	440	398	357



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	652	626	597	566	532	497	459	422	385	348	313
-23.75°	566	544	519	492	462	431	399	366	335	303	273
-25°	488	468	447	423	398	371	344	316	289	263	239
-26.25°	416	400	381	361	340	317	295	271	250	228	204
-27.5°	352	339	323	306	289	269	252	233	213	192	174
-28.75°	296	285	272	259	245	230	213	195	178	164	149
-30°	249	240	230	218	205	190	177	165	152	139	125
-31.25°	206	198	188	179	170	160	150	139	126	116	107
-32.5°	170	164	158	150	142	133	123	115	108	99	90
-33.75°	140	135	129	122	117	111	104	97	90	82	76
-35°	115	111	107	103	98	92	86	80	75	70	64
-36.25°	95	92	88	84	80	76	72	68	63	58	53
-37.5°	78	75	73	70	67	63	59	55	52	48	44
-38.75°	64	62	59	57	54	51	49	46	43	39	36
-40°	51	50	48	46	44	42	39	37	34	32	30
-41.25°	42	40	39	37	35	33	32	31	29	27	25
-42.5°	33	32	31	30	29	28	27	25	24	23	21
-43.75°	28	27	26	25	24	23	22	21	20	19	18
-45°	23	22	22	21	20	20	19	18	17	16	16
-46.25°	19	19	18	18	17	16	16	15	15	14	14
-47.5°	16	16	15	15	15	14	14	13	13	12	12
-48.75°	14	14	13	13	13	12	12	12	11	11	10
-50°	12	12	11	11	11	11	10	10	10	9	9
-51.25°	10	10	10	9	9	9	9	8	8	8	8
-52.5°	9	8	8	8	8	8	8	8	7	7	7
-53.75°	8	8	7	7	7	7	7	7	7	7	7
-55°	7	7	7	7	7	7	7	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	5	5
-58.75°	6	6	6	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	3	3	3	3	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	1	1	1	1	1	1	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	2
71.25°	4	3	3	3	3	3	3	3	3	3	3
70°	4	4	4	4	4	4	4	3	3	3	3
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	5	4	4	4	4	4	4	4	4	4	4
61.25°	5	5	5	5	5	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	6	6	6	5	5	5	5	5	5	5	5
55°	6	6	6	6	6	6	5	5	5	5	5
53.75°	7	6	6	6	6	6	6	6	5	5	5
52.5°	7	7	7	7	6	6	6	6	6	6	6
51.25°	8	7	7	7	7	7	6	6	6	6	6
50°	8	8	8	8	7	7	7	7	7	6	6
48.75°	10	9	9	8	8	8	7	7	7	7	7
47.5°	11	11	10	10	9	9	8	8	7	7	7
46.25°	13	12	12	11	11	10	9	9	8	8	7
45°	15	14	14	13	12	11	11	10	9	8	8
43.75°	17	16	15	15	14	13	12	11	10	10	9
42.5°	20	19	18	16	16	15	14	13	12	11	10
41.25°	23	22	21	19	18	16	15	14	13	12	11
40°	28	26	24	22	21	19	17	16	15	14	13
38.75°	33	31	28	26	23	22	20	18	16	15	14
37.5°	40	36	33	31	28	25	23	21	19	17	16
36.25°	49	45	40	35	32	29	27	23	22	20	17
35°	58	53	48	43	38	34	31	28	24	22	20



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	70	64	57	51	46	40	35	32	28	25	22
32.5°	82	75	68	61	54	48	42	36	32	29	25
31.25°	98	88	79	71	63	55	49	43	37	32	29
30°	114	104	93	82	74	65	57	50	43	37	32
28.75°	134	119	108	96	84	75	66	57	50	43	36
27.5°	158	141	123	111	99	86	76	66	57	49	42
26.25°	181	163	145	127	112	99	86	75	65	55	48
25°	213	187	167	148	128	112	99	84	74	63	54
23.75°	246	219	191	168	148	127	111	96	82	71	61
22.5°	280	250	221	191	167	145	123	108	93	79	68
21.25°	318	282	250	219	187	163	141	119	104	88	75
20°	359	318	280	246	213	181	158	134	114	98	82
18.75°	404	357	313	273	239	204	174	149	125	107	90
17.5°	450	398	348	303	263	228	192	164	139	116	99
16.25°	498	440	385	335	289	250	213	178	152	126	108
15°	546	482	422	366	316	271	233	195	165	139	115
13.75°	594	525	459	399	344	295	252	213	177	150	123
12.5°	641	567	497	431	371	317	269	230	190	160	133
11.25°	687	607	532	462	398	340	289	245	205	170	142
10°	731	646	566	492	423	361	306	259	218	179	150
8.75°	772	682	597	519	447	381	323	272	230	188	158
7.5°	810	715	626	544	468	400	339	285	240	198	164
6.25°	842	744	652	566	488	416	352	296	249	206	170
5°	869	768	673	585	504	430	363	306	256	213	174
3.75°	891	788	690	599	517	441	373	313	262	219	178
2.5°	906	803	703	610	526	449	380	319	266	223	180
1.25°	916	811	711	617	532	454	384	322	268	225	182
0°	919	814	713	619	533	455	385	324	269	226	182
-1.25°	916	811	711	617	532	454	384	322	268	225	182
-2.5°	906	803	703	610	526	449	380	319	266	223	180
-3.75°	891	788	690	599	517	441	373	313	262	219	178
-5°	869	768	673	585	504	430	363	306	256	213	174
-6.25°	842	744	652	566	488	416	352	296	249	206	170
-7.5°	810	715	626	544	468	400	339	285	240	198	164
-8.75°	772	682	597	519	447	381	323	272	230	188	158
-10°	731	646	566	492	423	361	306	259	218	179	150
-11.25°	687	607	532	462	398	340	289	245	205	170	142
-12.5°	641	567	497	431	371	317	269	230	190	160	133
-13.75°	594	525	459	399	344	295	252	213	177	150	123
-15°	546	482	422	366	316	271	233	195	165	139	115
-16.25°	498	440	385	335	289	250	213	178	152	126	108
-17.5°	450	398	348	303	263	228	192	164	139	116	99
-18.75°	404	357	313	273	239	204	174	149	125	107	90
-20°	359	318	280	246	213	181	158	134	114	98	82
-21.25°	318	282	250	219	187	163	141	119	104	88	75





REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	280	250	221	191	167	145	123	108	93	79	68
-23.75°	246	219	191	168	148	127	111	96	82	71	61
-25°	213	187	167	148	128	112	99	84	74	63	54
-26.25°	181	163	145	127	112	99	86	75	65	55	48
-27.5°	158	141	123	111	99	86	76	66	57	49	42
-28.75°	134	119	108	96	84	75	66	57	50	43	36
-30°	114	104	93	82	74	65	57	50	43	37	32
-31.25°	98	88	79	71	63	55	49	43	37	32	29
-32.5°	82	75	68	61	54	48	42	36	32	29	25
-33.75°	70	64	57	51	46	40	35	32	28	25	22
-35°	58	53	48	43	38	34	31	28	24	22	20
-36.25°	49	45	40	35	32	29	27	23	22	20	17
-37.5°	40	36	33	31	28	25	23	21	19	17	16
-38.75°	33	31	28	26	23	22	20	18	16	15	14
-40°	28	26	24	22	21	19	17	16	15	14	13
-41.25°	23	22	21	19	18	16	15	14	13	12	11
-42.5°	20	19	18	16	16	15	14	13	12	11	10
-43.75°	17	16	15	15	14	13	12	11	10	10	9
-45°	15	14	14	13	12	11	11	10	9	8	8
-46.25°	13	12	12	11	11	10	9	9	8	8	7
-47.5°	11	11	10	10	9	9	8	8	7	7	7
-48.75°	10	9	9	8	8	8	7	7	7	7	7
-50°	8	8	8	8	7	7	7	7	7	6	6
-51.25°	8	7	7	7	7	7	6	6	6	6	6
-52.5°	7	7	7	7	6	6	6	6	6	6	6
-53.75°	7	6	6	6	6	6	6	6	5	5	5
-55°	6	6	6	6	6	6	5	5	5	5	5
-56.25°	6	6	6	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	4	4
-61.25°	5	5	5	5	5	4	4	4	4	4	4
-62.5°	5	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	3	3	3	3
-71.25°	4	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	2
-73.75°	3	3	3	3	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	2	2	2	2	2	2	1	1	1	1	1
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	3	2	2	2	2
68.75°	4	3	3	3	3	3	3	3	3	3	2
67.5°	4	4	4	4	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	4	4	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	3	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	5	4	4	4	4	4	4
55°	5	5	5	5	5	5	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	4	4	4
52.5°	5	5	5	5	5	5	5	5	5	4	4
51.25°	6	6	5	5	5	5	5	5	5	5	5
50°	6	6	6	5	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	5	5	5	5	5	5
47.5°	7	6	6	6	6	6	5	5	5	5	5
46.25°	7	7	7	6	6	6	6	5	5	5	5
45°	8	7	7	7	6	6	6	6	5	5	5
43.75°	8	8	7	7	7	6	6	6	6	5	5
42.5°	9	8	8	7	7	7	6	6	6	6	5
41.25°	10	9	9	8	8	7	7	6	6	6	6
40°	12	11	10	9	8	8	7	7	6	6	6
38.75°	13	12	11	10	9	8	8	7	7	6	6
37.5°	14	13	12	11	10	9	8	7	7	7	6
36.25°	16	15	13	12	11	10	9	8	7	7	7
35°	18	16	15	13	12	11	9	8	8	7	7



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	20	18	16	14	13	12	10	9	8	8	7
32.5°	22	20	17	16	14	13	11	10	9	8	7
31.25°	25	22	20	17	15	14	12	11	10	8	8
30°	28	24	22	19	16	15	13	12	10	9	8
28.75°	32	28	23	21	18	16	14	13	11	10	9
27.5°	35	31	27	23	20	17	15	14	12	11	9
26.25°	40	34	29	25	22	19	16	15	13	11	10
25°	46	38	32	28	23	21	18	16	14	12	11
23.75°	51	43	35	31	26	22	19	16	15	13	11
22.5°	57	48	40	33	28	24	21	18	15	14	12
21.25°	64	53	45	36	31	26	22	19	16	14	12
20°	70	58	49	40	33	28	23	20	17	15	13
18.75°	76	64	53	44	36	30	25	21	18	16	14
17.5°	82	70	58	48	39	32	27	23	19	16	14
16.25°	90	75	63	52	43	34	29	24	20	17	15
15°	97	80	68	55	46	37	31	25	21	18	15
13.75°	104	86	72	59	49	39	32	27	22	19	16
12.5°	111	92	76	63	51	42	33	28	23	20	16
11.25°	117	98	80	67	54	44	35	29	24	20	17
10°	122	103	84	70	57	46	37	30	25	21	18
8.75°	129	107	88	73	59	48	39	31	26	22	18
7.5°	135	111	92	75	62	50	40	32	27	22	19
6.25°	140	115	95	78	64	51	42	33	28	23	19
5°	145	118	98	79	66	53	43	34	28	23	19
3.75°	148	120	100	81	67	54	44	34	29	23	20
2.5°	150	121	101	82	68	54	44	34	29	23	20
1.25°	152	122	102	82	68	55	45	35	29	23	20
0°	152	123	103	83	69	55	45	35	29	24	20
-1.25°	152	122	102	82	68	55	45	35	29	23	20
-2.5°	150	121	101	82	68	54	44	34	29	23	20
-3.75°	148	120	100	81	67	54	44	34	29	23	20
-5°	145	118	98	79	66	53	43	34	28	23	19
-6.25°	140	115	95	78	64	51	42	33	28	23	19
-7.5°	135	111	92	75	62	50	40	32	27	22	19
-8.75°	129	107	88	73	59	48	39	31	26	22	18
-10°	122	103	84	70	57	46	37	30	25	21	18
-11.25°	117	98	80	67	54	44	35	29	24	20	17
-12.5°	111	92	76	63	51	42	33	28	23	20	16
-13.75°	104	86	72	59	49	39	32	27	22	19	16
-15°	97	80	68	55	46	37	31	25	21	18	15
-16.25°	90	75	63	52	43	34	29	24	20	17	15
-17.5°	82	70	58	48	39	32	27	23	19	16	14
-18.75°	76	64	53	44	36	30	25	21	18	16	14
-20°	70	58	49	40	33	28	23	20	17	15	13
-21.25°	64	53	45	36	31	26	22	19	16	14	12



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	57	48	40	33	28	24	21	18	15	14	12
-23.75°	51	43	35	31	26	22	19	16	15	13	11
-25°	46	38	32	28	23	21	18	16	14	12	11
-26.25°	40	34	29	25	22	19	16	15	13	11	10
-27.5°	35	31	27	23	20	17	15	14	12	11	9
-28.75°	32	28	23	21	18	16	14	13	11	10	9
-30°	28	24	22	19	16	15	13	12	10	9	8
-31.25°	25	22	20	17	15	14	12	11	10	8	8
-32.5°	22	20	17	16	14	13	11	10	9	8	7
-33.75°	20	18	16	14	13	12	10	9	8	8	7
-35°	18	16	15	13	12	11	9	8	8	7	7
-36.25°	16	15	13	12	11	10	9	8	7	7	7
-37.5°	14	13	12	11	10	9	8	7	7	7	6
-38.75°	13	12	11	10	9	8	8	7	7	6	6
-40°	12	11	10	9	8	8	7	7	6	6	6
-41.25°	10	9	9	8	8	7	7	6	6	6	6
-42.5°	9	8	8	7	7	7	6	6	6	6	5
-43.75°	8	8	7	7	7	6	6	6	6	5	5
-45°	8	7	7	7	6	6	6	6	5	5	5
-46.25°	7	7	7	6	6	6	6	5	5	5	5
-47.5°	7	6	6	6	6	6	5	5	5	5	5
-48.75°	6	6	6	6	6	5	5	5	5	5	5
-50°	6	6	6	5	5	5	5	5	5	5	5
-51.25°	6	6	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	4	4
-53.75°	5	5	5	5	5	5	5	5	4	4	4
-55°	5	5	5	5	5	5	4	4	4	4	4
-56.25°	5	5	5	5	5	4	4	4	4	4	4
-57.5°	5	5	5	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	3	3
-66.25°	4	4	4	4	4	4	4	3	3	3	3
-67.5°	4	4	4	4	3	3	3	3	3	3	3
-68.75°	4	3	3	3	3	3	3	3	3	3	2
-70°	3	3	3	3	3	3	3	2	2	2	2
-71.25°	3	3	3	3	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	1	1	1	1	1



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	1	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	3	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	2	2	2	2	2
62.5°	4	4	3	3	3	3	3	3	2	2	2
61.25°	4	4	4	4	3	3	3	3	3	2	2
60°	4	4	4	4	4	3	3	3	3	3	2
58.75°	4	4	4	4	4	4	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	3	3	3
55°	4	4	4	4	4	4	4	4	4	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	3
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	4	4	4	4	4	4	4	4	4	4
48.75°	5	5	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	4	4	4	4	4	4	4
45°	5	5	5	5	4	4	4	4	4	4	4
43.75°	5	5	5	5	5	4	4	4	4	4	4
42.5°	5	5	5	5	5	5	4	4	4	4	4
41.25°	5	5	5	5	5	5	4	4	4	4	4
40°	6	5	5	5	5	5	5	4	4	4	4
38.75°	6	6	5	5	5	5	5	5	4	4	4
37.5°	6	6	5	5	5	5	5	5	4	4	4
36.25°	6	6	6	5	5	5	5	5	5	4	4
35°	6	6	6	6	5	5	5	5	5	4	4



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	7	6	6	6	5	5	5	5	5	4	4
32.5°	7	7	6	6	6	5	5	5	5	5	4
31.25°	7	7	6	6	6	5	5	5	5	5	4
30°	7	7	7	6	6	5	5	5	5	5	5
28.75°	8	7	7	6	6	6	5	5	5	5	5
27.5°	8	7	7	6	6	6	5	5	5	5	5
26.25°	9	8	7	7	6	6	6	5	5	5	5
25°	9	8	7	7	6	6	6	5	5	5	5
23.75°	10	8	8	7	7	6	6	5	5	5	5
22.5°	10	9	8	7	7	6	6	6	5	5	5
21.25°	11	9	8	7	7	6	6	6	5	5	5
20°	11	10	8	8	7	7	6	6	5	5	5
18.75°	12	10	9	8	7	7	6	6	5	5	5
17.5°	12	11	9	8	7	7	6	6	5	5	5
16.25°	13	11	10	8	7	7	6	6	6	5	5
15°	13	12	10	8	8	7	6	6	6	5	5
13.75°	14	12	10	9	8	7	7	6	6	5	5
12.5°	14	12	11	9	8	7	7	6	6	5	5
11.25°	15	13	11	9	8	7	7	6	6	5	5
10°	15	13	11	9	8	7	7	6	6	5	5
8.75°	15	13	11	10	8	7	7	6	6	6	5
7.5°	16	14	12	10	8	8	7	6	6	6	5
6.25°	16	14	12	10	9	8	7	6	6	6	5
5°	16	14	12	10	9	8	7	6	6	6	5
3.75°	16	14	12	10	9	8	7	6	6	6	5
2.5°	16	14	12	10	9	8	7	6	6	6	5
1.25°	16	14	12	10	9	8	7	6	6	6	5
0°	17	14	12	10	9	8	7	7	6	6	5
-1.25°	16	14	12	10	9	8	7	6	6	6	5
-2.5°	16	14	12	10	9	8	7	6	6	6	5
-3.75°	16	14	12	10	9	8	7	6	6	6	5
-5°	16	14	12	10	9	8	7	6	6	6	5
-6.25°	16	14	12	10	9	8	7	6	6	6	5
-7.5°	16	14	12	10	8	8	7	6	6	6	5
-8.75°	15	13	11	10	8	7	7	6	6	6	5
-10°	15	13	11	9	8	7	7	6	6	5	5
-11.25°	15	13	11	9	8	7	7	6	6	5	5
-12.5°	14	12	11	9	8	7	7	6	6	5	5
-13.75°	14	12	10	9	8	7	7	6	6	5	5
-15°	13	12	10	8	8	7	6	6	6	5	5
-16.25°	13	11	10	8	7	7	6	6	6	5	5
-17.5°	12	11	9	8	7	7	6	6	5	5	5
-18.75°	12	10	9	8	7	7	6	6	5	5	5
-20°	11	10	8	8	7	7	6	6	5	5	5
-21.25°	11	9	8	7	7	6	6	6	5	5	5





REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	10	9	8	7	7	6	6	6	5	5	5
-23.75°	10	8	8	7	7	6	6	5	5	5	5
-25°	9	8	7	7	6	6	6	5	5	5	5
-26.25°	9	8	7	7	6	6	6	5	5	5	5
-27.5°	8	7	7	6	6	6	5	5	5	5	5
-28.75°	8	7	7	6	6	6	5	5	5	5	5
-30°	7	7	7	6	6	5	5	5	5	5	5
-31.25°	7	7	6	6	6	5	5	5	5	5	4
-32.5°	7	7	6	6	6	5	5	5	5	5	4
-33.75°	7	6	6	6	5	5	5	5	5	4	4
-35°	6	6	6	6	5	5	5	5	5	4	4
-36.25°	6	6	6	5	5	5	5	5	5	4	4
-37.5°	6	6	5	5	5	5	5	5	4	4	4
-38.75°	6	6	5	5	5	5	5	5	4	4	4
-40°	6	5	5	5	5	5	5	4	4	4	4
-41.25°	5	5	5	5	5	5	4	4	4	4	4
-42.5°	5	5	5	5	5	5	4	4	4	4	4
-43.75°	5	5	5	5	5	4	4	4	4	4	4
-45°	5	5	5	5	4	4	4	4	4	4	4
-46.25°	5	5	5	5	4	4	4	4	4	4	4
-47.5°	5	5	5	4	4	4	4	4	4	4	4
-48.75°	5	5	4	4	4	4	4	4	4	4	4
-50°	5	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	3
-55°	4	4	4	4	4	4	4	4	4	3	3
-56.25°	4	4	4	4	4	4	4	4	3	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	4	3	3	3	3	3
-60°	4	4	4	4	4	3	3	3	3	3	2
-61.25°	4	4	4	4	3	3	3	3	3	2	2
-62.5°	4	4	3	3	3	3	3	3	2	2	2
-63.75°	3	3	3	3	3	3	2	2	2	2	2
-65°	3	3	3	3	3	2	2	2	2	2	2
-66.25°	3	3	3	2	2	2	2	2	2	2	2
-67.5°	3	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	1
-72.5°	2	2	2	2	2	2	2	2	1	1	1
-73.75°	2	2	2	2	2	2	1	1	1	1	1
-75°	2	2	2	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	0	0
-83.75°	1	1	1	1	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	1	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	1	1	1	1	1	1	1
65°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	2	2	2	2	2	2	2	2	1	1	1
60°	2	2	2	2	2	2	2	2	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	1	1
57.5°	3	2	2	2	2	2	2	2	2	1	1
56.25°	3	3	2	2	2	2	2	2	2	2	1
55°	3	3	2	2	2	2	2	2	2	2	1
53.75°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	2	2	2	2	2	2	2
51.25°	4	3	3	3	2	2	2	2	2	2	2
50°	4	3	3	3	3	2	2	2	2	2	2
48.75°	4	4	3	3	3	2	2	2	2	2	2
47.5°	4	4	3	3	3	3	2	2	2	2	2
46.25°	4	4	4	3	3	3	2	2	2	2	2
45°	4	4	4	3	3	3	3	2	2	2	2
43.75°	4	4	4	4	3	3	3	2	2	2	2
42.5°	4	4	4	4	3	3	3	2	2	2	2
41.25°	4	4	4	4	4	3	3	3	2	2	2
40°	4	4	4	4	4	3	3	3	2	2	2
38.75°	4	4	4	4	4	3	3	3	2	2	2
37.5°	4	4	4	4	4	4	3	3	3	2	2
36.25°	4	4	4	4	4	4	3	3	3	2	2
35°	4	4	4	4	4	4	3	3	3	2	2



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	4	4	4	4	4	4	4	3	3	2	2
32.5°	4	4	4	4	4	4	4	3	3	2	2
31.25°	4	4	4	4	4	4	4	3	3	3	2
30°	4	4	4	4	4	4	4	3	3	3	2
28.75°	4	4	4	4	4	4	4	3	3	3	2
27.5°	4	4	4	4	4	4	4	4	3	3	2
26.25°	4	4	4	4	4	4	4	4	3	3	2
25°	5	4	4	4	4	4	4	4	3	3	2
23.75°	5	4	4	4	4	4	4	4	3	3	3
22.5°	5	4	4	4	4	4	4	4	3	3	3
21.25°	5	4	4	4	4	4	4	4	3	3	3
20°	5	5	4	4	4	4	4	4	4	3	3
18.75°	5	5	4	4	4	4	4	4	4	3	3
17.5°	5	5	4	4	4	4	4	4	4	3	3
16.25°	5	5	4	4	4	4	4	4	4	3	3
15°	5	5	4	4	4	4	4	4	4	3	3
13.75°	5	5	4	4	4	4	4	4	4	3	3
12.5°	5	5	5	4	4	4	4	4	4	3	3
11.25°	5	5	5	4	4	4	4	4	4	3	3
10°	5	5	5	4	4	4	4	4	4	3	3
8.75°	5	5	5	4	4	4	4	4	4	3	3
7.5°	5	5	5	4	4	4	4	4	4	3	3
6.25°	5	5	5	4	4	4	4	4	4	3	3
5°	5	5	5	4	4	4	4	4	4	3	3
3.75°	5	5	5	4	4	4	4	4	4	3	3
2.5°	5	5	5	4	4	4	4	4	4	3	3
1.25°	5	5	5	4	4	4	4	4	4	3	3
0°	5	5	5	4	4	4	4	4	4	4	3
-1.25°	5	5	5	4	4	4	4	4	4	3	3
-2.5°	5	5	5	4	4	4	4	4	4	3	3
-3.75°	5	5	5	4	4	4	4	4	4	3	3
-5°	5	5	5	4	4	4	4	4	4	3	3
-6.25°	5	5	5	4	4	4	4	4	4	3	3
-7.5°	5	5	5	4	4	4	4	4	4	3	3
-8.75°	5	5	5	4	4	4	4	4	4	3	3
-10°	5	5	5	4	4	4	4	4	4	3	3
-11.25°	5	5	5	4	4	4	4	4	4	3	3
-12.5°	5	5	5	4	4	4	4	4	4	3	3
-13.75°	5	5	4	4	4	4	4	4	4	3	3
-15°	5	5	4	4	4	4	4	4	4	3	3
-16.25°	5	5	4	4	4	4	4	4	4	3	3
-17.5°	5	5	4	4	4	4	4	4	4	3	3
-18.75°	5	5	4	4	4	4	4	4	4	3	3
-20°	5	5	4	4	4	4	4	4	4	3	3
-21.25°	5	4	4	4	4	4	4	4	3	3	3



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	5	4	4	4	4	4	4	4	3	3	3
-23.75°	5	4	4	4	4	4	4	4	3	3	3
-25°	5	4	4	4	4	4	4	4	3	3	2
-26.25°	4	4	4	4	4	4	4	4	3	3	2
-27.5°	4	4	4	4	4	4	4	4	3	3	2
-28.75°	4	4	4	4	4	4	4	3	3	3	2
-30°	4	4	4	4	4	4	4	3	3	3	2
-31.25°	4	4	4	4	4	4	4	3	3	3	2
-32.5°	4	4	4	4	4	4	4	3	3	2	2
-33.75°	4	4	4	4	4	4	4	3	3	2	2
-35°	4	4	4	4	4	4	3	3	3	2	2
-36.25°	4	4	4	4	4	4	3	3	3	2	2
-37.5°	4	4	4	4	4	4	3	3	3	2	2
-38.75°	4	4	4	4	4	3	3	3	2	2	2
-40°	4	4	4	4	4	3	3	3	2	2	2
-41.25°	4	4	4	4	4	3	3	3	2	2	2
-42.5°	4	4	4	4	3	3	3	2	2	2	2
-43.75°	4	4	4	4	3	3	3	2	2	2	2
-45°	4	4	4	3	3	3	3	2	2	2	2
-46.25°	4	4	4	3	3	3	2	2	2	2	2
-47.5°	4	4	3	3	3	3	2	2	2	2	2
-48.75°	4	4	3	3	3	2	2	2	2	2	2
-50°	4	3	3	3	3	2	2	2	2	2	2
-51.25°	4	3	3	3	2	2	2	2	2	2	2
-52.5°	3	3	3	3	2	2	2	2	2	2	2
-53.75°	3	3	3	2	2	2	2	2	2	2	2
-55°	3	3	2	2	2	2	2	2	2	2	1
-56.25°	3	3	2	2	2	2	2	2	2	2	1
-57.5°	3	2	2	2	2	2	2	2	2	1	1
-58.75°	2	2	2	2	2	2	2	2	2	1	1
-60°	2	2	2	2	2	2	2	2	1	1	1
-61.25°	2	2	2	2	2	2	2	2	1	1	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	2	2	1	1	1	1	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	2	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	1	1	1	0	0	0	0
-80°	1	1	1	1	1	0	0	0	0	0	0
-81.25°	1	1	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	0	0	0	0	0	0	0
66.25°	1	1	1	1	1	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	0	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	0	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	2	1	1	1	1	1	1	1	0	0	0
48.75°	2	1	1	1	1	1	1	1	0	0	0
47.5°	2	1	1	1	1	1	1	1	0	0	0
46.25°	2	2	1	1	1	1	1	1	0	0	0
45°	2	2	1	1	1	1	1	1	0	0	0
43.75°	2	2	1	1	1	1	1	1	0	0	0
42.5°	2	2	1	1	1	1	1	1	0	0	0
41.25°	2	2	1	1	1	1	1	1	0	0	0
40°	2	2	2	1	1	1	1	1	0	0	0
38.75°	2	2	2	1	1	1	1	1	1	0	0
37.5°	2	2	2	1	1	1	1	1	1	0	0
36.25°	2	2	2	1	1	1	1	1	1	0	0
35°	2	2	2	1	1	1	1	1	1	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	2	2	2	1	1	1	1	1	1	0	0
32.5°	2	2	2	2	1	1	1	1	1	0	0
31.25°	2	2	2	2	1	1	1	1	1	0	0
30°	2	2	2	2	1	1	1	1	1	0	0
28.75°	2	2	2	2	1	1	1	1	1	0	0
27.5°	2	2	2	2	1	1	1	1	1	0	0
26.25°	2	2	2	2	1	1	1	1	1	0	0
25°	2	2	2	2	1	1	1	1	1	0	0
23.75°	2	2	2	2	1	1	1	1	1	0	0
22.5°	2	2	2	2	1	1	1	1	1	0	0
21.25°	2	2	2	2	1	1	1	1	1	0	0
20°	2	2	2	2	2	1	1	1	1	0	0
18.75°	2	2	2	2	2	1	1	1	1	0	0
17.5°	2	2	2	2	2	1	1	1	1	0	0
16.25°	2	2	2	2	2	1	1	1	1	0	0
15°	2	2	2	2	2	1	1	1	1	0	0
13.75°	2	2	2	2	2	1	1	1	1	0	0
12.5°	2	2	2	2	2	1	1	1	1	0	0
11.25°	2	2	2	2	2	1	1	1	1	0	0
10°	3	2	2	2	2	1	1	1	1	0	0
8.75°	3	2	2	2	2	1	1	1	1	0	0
7.5°	3	2	2	2	2	1	1	1	1	0	0
6.25°	3	2	2	2	2	1	1	1	1	0	0
5°	3	2	2	2	2	1	1	1	1	0	0
3.75°	3	2	2	2	2	1	1	1	1	0	0
2.5°	3	2	2	2	2	1	1	1	1	0	0
1.25°	3	2	2	2	2	1	1	1	1	0	0
0°	3	2	2	2	2	1	1	1	1	0	0
-1.25°	3	2	2	2	2	1	1	1	1	0	0
-2.5°	3	2	2	2	2	1	1	1	1	0	0
-3.75°	3	2	2	2	2	1	1	1	1	0	0
-5°	3	2	2	2	2	1	1	1	1	0	0
-6.25°	3	2	2	2	2	1	1	1	1	0	0
-7.5°	3	2	2	2	2	1	1	1	1	0	0
-8.75°	3	2	2	2	2	1	1	1	1	0	0
-10°	3	2	2	2	2	1	1	1	1	0	0
-11.25°	2	2	2	2	2	1	1	1	1	0	0
-12.5°	2	2	2	2	2	1	1	1	1	0	0
-13.75°	2	2	2	2	2	1	1	1	1	0	0
-15°	2	2	2	2	2	1	1	1	1	0	0
-16.25°	2	2	2	2	2	1	1	1	1	0	0
-17.5°	2	2	2	2	2	1	1	1	1	0	0
-18.75°	2	2	2	2	2	1	1	1	1	0	0
-20°	2	2	2	2	2	1	1	1	1	0	0
-21.25°	2	2	2	2	1	1	1	1	1	0	0





REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	2	2	2	2	1	1	1	1	1	0	0
-23.75°	2	2	2	2	1	1	1	1	1	0	0
-25°	2	2	2	2	1	1	1	1	1	0	0
-26.25°	2	2	2	2	1	1	1	1	1	0	0
-27.5°	2	2	2	2	1	1	1	1	1	0	0
-28.75°	2	2	2	2	1	1	1	1	1	0	0
-30°	2	2	2	2	1	1	1	1	1	0	0
-31.25°	2	2	2	2	1	1	1	1	1	0	0
-32.5°	2	2	2	2	1	1	1	1	1	0	0
-33.75°	2	2	2	1	1	1	1	1	1	0	0
-35°	2	2	2	1	1	1	1	1	1	0	0
-36.25°	2	2	2	1	1	1	1	1	1	0	0
-37.5°	2	2	2	1	1	1	1	1	1	0	0
-38.75°	2	2	2	1	1	1	1	1	1	0	0
-40°	2	2	2	1	1	1	1	1	0	0	0
-41.25°	2	2	1	1	1	1	1	1	0	0	0
-42.5°	2	2	1	1	1	1	1	1	0	0	0
-43.75°	2	2	1	1	1	1	1	1	0	0	0
-45°	2	2	1	1	1	1	1	1	0	0	0
-46.25°	2	2	1	1	1	1	1	1	0	0	0
-47.5°	2	1	1	1	1	1	1	1	0	0	0
-48.75°	2	1	1	1	1	1	1	1	0	0	0
-50°	2	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	0	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	1	1	0	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	1	0	0	0	0	0	0	0	0
-71.25°	1	1	1	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0	0
88.75°	0	0
87.5°	0	0
86.25°	0	0
85°	0	0
83.75°	0	0
82.5°	0	0
81.25°	0	0
80°	0	0
78.75°	0	0
77.5°	0	0
76.25°	0	0
75°	0	0
73.75°	0	0
72.5°	0	0
71.25°	0	0
70°	0	0
68.75°	0	0
67.5°	0	0
66.25°	0	0
65°	0	0
63.75°	0	0
62.5°	0	0
61.25°	0	0
60°	0	0
58.75°	0	0
57.5°	0	0
56.25°	0	0
55°	0	0
53.75°	0	0
52.5°	0	0
51.25°	0	0
50°	0	0
48.75°	0	0
47.5°	0	0
46.25°	0	0
45°	0	0
43.75°	0	0
42.5°	0	0
41.25°	0	0
40°	0	0
38.75°	0	0
37.5°	0	0
36.25°	0	0
35°	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0	0
32.5°	0	0
31.25°	0	0
30°	0	0
28.75°	0	0
27.5°	0	0
26.25°	0	0
25°	0	0
23.75°	0	0
22.5°	0	0
21.25°	0	0
20°	0	0
18.75°	0	0
17.5°	0	0
16.25°	0	0
15°	0	0
13.75°	0	0
12.5°	0	0
11.25°	0	0
10°	0	0
8.75°	0	0
7.5°	0	0
6.25°	0	0
5°	0	0
3.75°	0	0
2.5°	0	0
1.25°	0	0
0°	0	0
-1.25°	0	0
-2.5°	0	0
-3.75°	0	0
-5°	0	0
-6.25°	0	0
-7.5°	0	0
-8.75°	0	0
-10°	0	0
-11.25°	0	0
-12.5°	0	0
-13.75°	0	0
-15°	0	0
-16.25°	0	0
-17.5°	0	0
-18.75°	0	0
-20°	0	0
-21.25°	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0	0
-23.75°	0	0
-25°	0	0
-26.25°	0	0
-27.5°	0	0
-28.75°	0	0
-30°	0	0
-31.25°	0	0
-32.5°	0	0
-33.75°	0	0
-35°	0	0
-36.25°	0	0
-37.5°	0	0
-38.75°	0	0
-40°	0	0
-41.25°	0	0
-42.5°	0	0
-43.75°	0	0
-45°	0	0
-46.25°	0	0
-47.5°	0	0
-48.75°	0	0
-50°	0	0
-51.25°	0	0
-52.5°	0	0
-53.75°	0	0
-55°	0	0
-56.25°	0	0
-57.5°	0	0
-58.75°	0	0
-60°	0	0
-61.25°	0	0
-62.5°	0	0
-63.75°	0	0
-65°	0	0
-66.25°	0	0
-67.5°	0	0
-68.75°	0	0
-70°	0	0
-71.25°	0	0
-72.5°	0	0
-73.75°	0	0
-75°	0	0
-76.25°	0	0
-77.5°	0	0



REPORT NUMBER: P220387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0	0
-80°	0	0
-81.25°	0	0
-82.5°	0	0
-83.75°	0	0
-85°	0	0
-86.25°	0	0
-87.5°	0	0
-88.75°	0	0
-90°	0	0

(END OF REPORT)