

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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29420)  
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-W-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
WIDE FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 3500K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

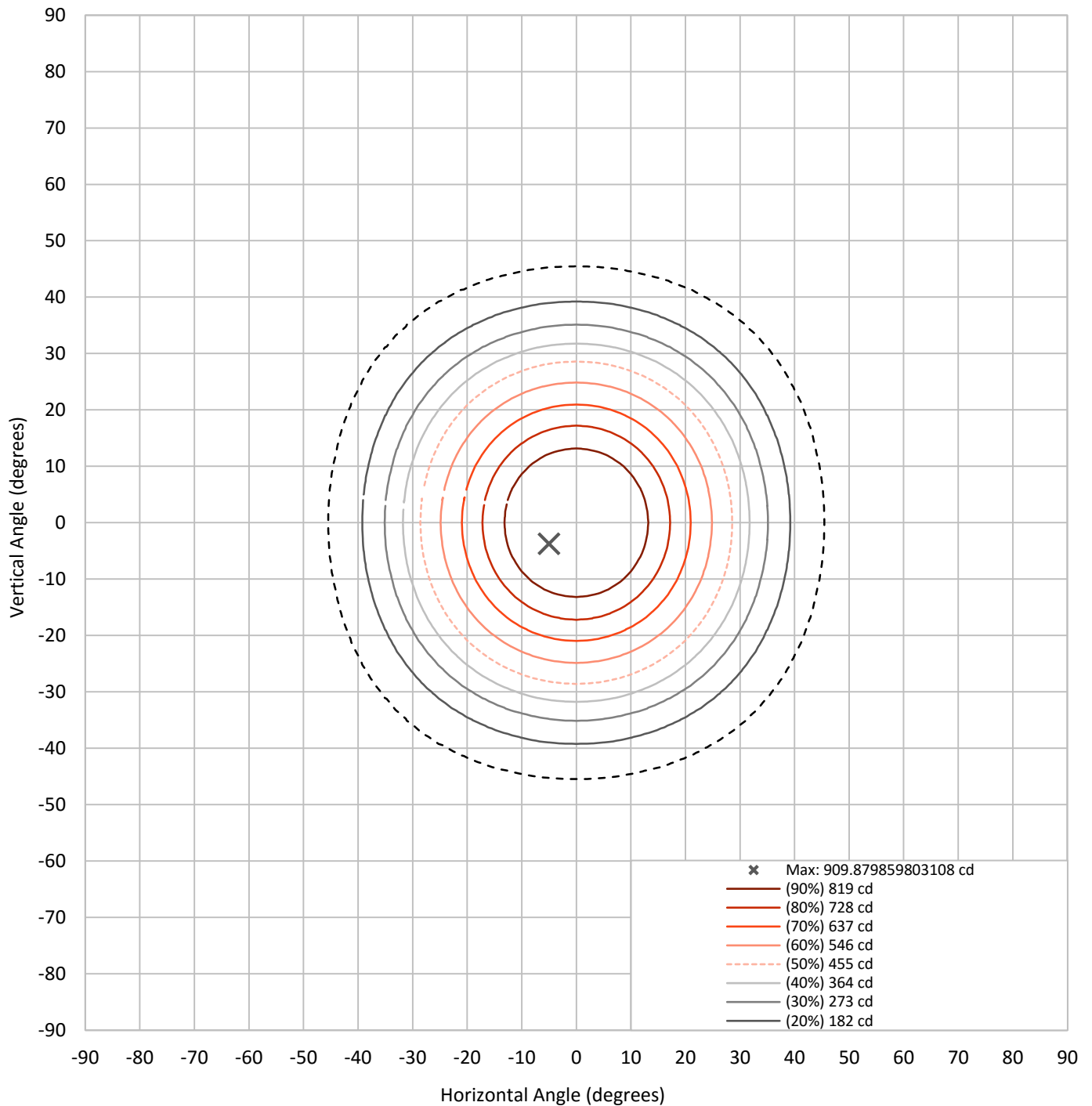
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	838.2 lumens	Max Intensity:	909.9 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	83.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.7°H x 56.4°V	Field Angle (10%):	90.5°H x 90.3°V
Beam Lumens:	515.3 lumens	Field Lumens:	772.9 lumens
Beam Efficiency:	61.5%	Field Efficiency:	92.2%
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		

REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

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

### Iso-Candela Plot





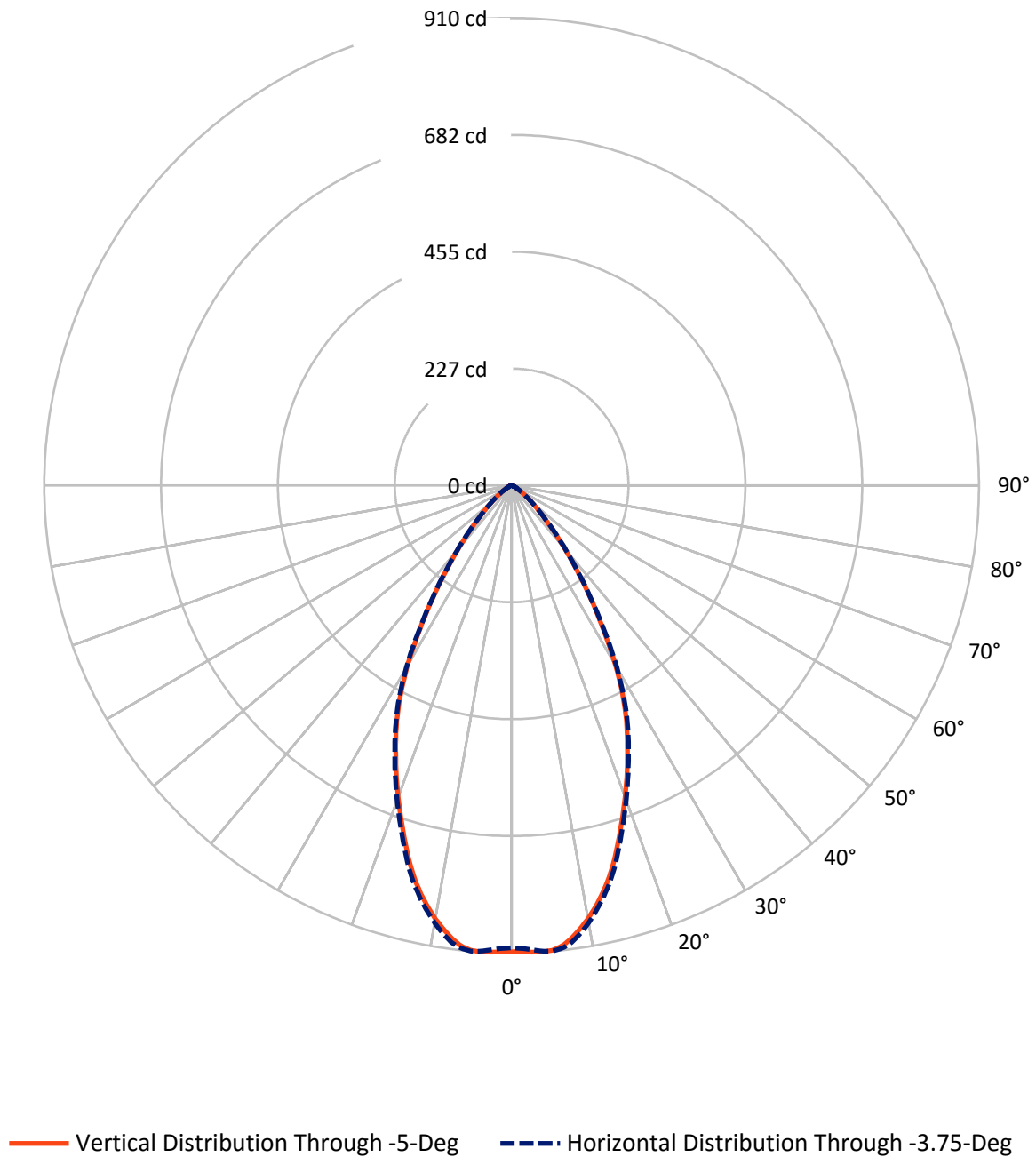
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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-WT-L1-UNV

### Lumen Table

90																
80	0.0	0.0		0.1	0.2	0.2	0.2	0.2	0.1	0.0		0.0		0.0		
70																
60	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0
50		0.0	0.1	0.2	0.3	0.5	0.7	0.9	0.9	0.7	0.5	0.3	0.2	0.1	0.0	
40	0.0	0.0	0.1	0.3	0.8	1.5	2.3	2.9	2.9	2.3	1.5	0.8	0.3	0.1	0.0	0.0
30		0.1	0.2	0.7	1.8	3.8	6.4	8.2	8.2	6.4	3.8	1.8	0.7	0.2	0.1	
20	0.0	0.1	0.3	1.2	3.5	7.8	12.9	16.0	16.0	12.9	7.8	3.5	1.2	0.3	0.1	0.0
10		0.1	0.4	1.7	5.4	12.1	18.5	22.8	22.8	18.5	12.1	5.4	1.7	0.4	0.1	
0	0.1	0.1	0.5	2.1	6.8	14.6	22.1	26.9	26.9	22.1	14.6	6.8	2.1	0.5	0.1	0.1
-10		0.1	0.5	2.1	6.8	14.6	22.1	26.9	26.9	22.1	14.6	6.8	2.1	0.5	0.1	
-20	0.0	0.1	0.4	1.7	5.4	12.1	18.5	22.8	22.8	18.5	12.1	5.4	1.7	0.4	0.1	0.0
-30		0.1	0.3	1.2	3.5	7.8	12.9	16.0	16.0	12.9	7.8	3.5	1.2	0.3	0.1	
-40	0.0	0.1	0.2	0.7	1.8	3.8	6.4	8.2	8.2	6.4	3.8	1.8	0.7	0.2	0.1	0.0
-50		0.0	0.1	0.3	0.8	1.5	2.3	2.9	2.9	2.3	1.5	0.8	0.3	0.1	0.0	
-60	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.9	0.9	0.7	0.5	0.3	0.2	0.1	0.0	0.0
-70		0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	
-80																
-90	0.0	0.0		0.1	0.2	0.2	0.2	0.2	0.1	0.0		0.0		0.0		

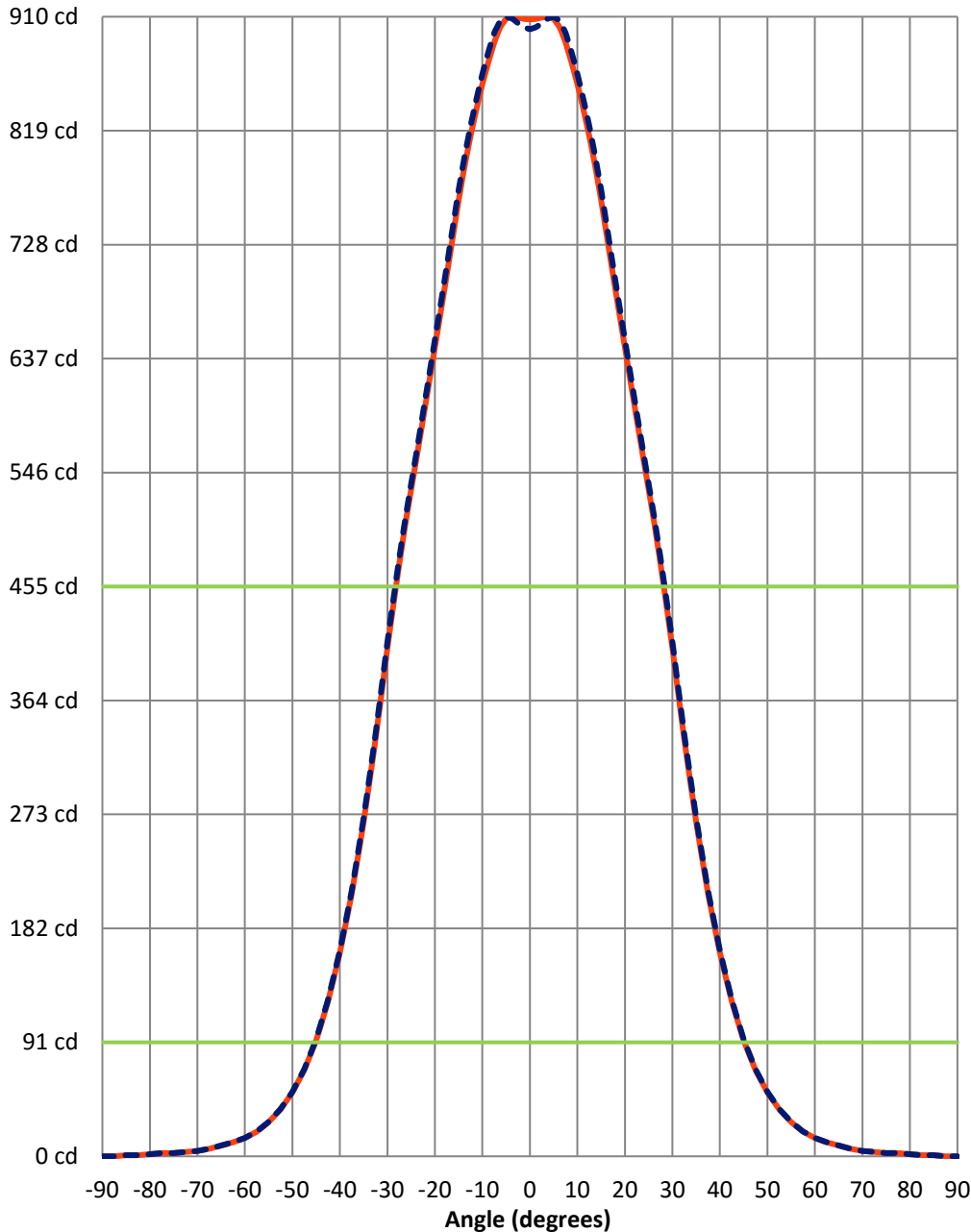
REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-WT-L1-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 56.7°  
 V Angle: 56.4°  
 Lumens: 515.3  
 Efficiency: 61.5%

**Field:**  
 H Angle: 90.5°  
 V Angle: 90.3°  
 Lumens: 772.9  
 Efficiency: 92.2%

**Spill:**  
 Lumens: 65.3  
 Efficiency: 7.8%

— Vertical Distribution through -5-Deg  
 - - Horizontal Distribution through -3.75-Deg



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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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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	3
10°	0	0	0	0	1	1	1	1	2	2	3
8.75°	0	0	0	0	1	1	1	1	2	2	3
7.5°	0	0	0	0	1	1	1	1	2	2	3
6.25°	0	0	0	0	1	1	1	1	2	2	3
5°	0	0	0	0	1	1	1	1	2	2	3
3.75°	0	0	0	0	1	1	1	1	2	2	3
2.5°	0	0	0	0	1	1	1	1	2	2	3
1.25°	0	0	0	0	1	1	1	1	2	2	3
0°	0	0	0	0	1	1	1	1	2	2	3
-1.25°	0	0	0	0	1	1	1	1	2	2	3
-2.5°	0	0	0	0	1	1	1	1	2	2	3
-3.75°	0	0	0	0	1	1	1	1	2	2	3
-5°	0	0	0	0	1	1	1	1	2	2	3
-6.25°	0	0	0	0	1	1	1	1	2	2	3
-7.5°	0	0	0	0	1	1	1	1	2	2	3
-8.75°	0	0	0	0	1	1	1	1	2	2	3
-10°	0	0	0	0	1	1	1	1	2	2	3
-11.25°	0	0	0	0	1	1	1	1	2	2	3
-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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	3
60°	1	1	1	1	1	2	2	2	2	2	3
58.75°	1	1	1	1	2	2	2	2	2	3	3
57.5°	1	1	1	1	2	2	2	2	3	3	3
56.25°	1	1	1	2	2	2	2	3	3	3	3
55°	1	1	1	2	2	2	2	3	3	3	3
53.75°	1	1	2	2	2	2	3	3	3	3	3
52.5°	1	1	2	2	2	2	3	3	3	3	3
51.25°	1	1	2	2	2	3	3	3	3	3	3
50°	1	2	2	2	2	3	3	3	3	3	3
48.75°	1	2	2	2	3	3	3	3	3	3	3
47.5°	1	2	2	2	3	3	3	3	3	3	3
46.25°	2	2	2	2	3	3	3	3	3	3	4
45°	2	2	2	3	3	3	3	3	3	3	4
43.75°	2	2	2	3	3	3	3	3	3	4	4
42.5°	2	2	2	3	3	3	3	3	3	4	4
41.25°	2	2	2	3	3	3	3	3	4	4	4
40°	2	2	3	3	3	3	3	3	4	4	4
38.75°	2	2	3	3	3	3	3	3	4	4	4
37.5°	2	2	3	3	3	3	3	4	4	4	5
36.25°	2	2	3	3	3	3	3	4	4	4	5
35°	2	3	3	3	3	3	3	4	4	4	5



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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	3	3	3	3	3	4	4	4	5	5
32.5°	2	3	3	3	3	3	4	4	4	5	6
31.25°	2	3	3	3	3	3	4	4	4	5	6
30°	2	3	3	3	3	3	4	4	5	5	6
28.75°	2	3	3	3	3	3	4	4	5	6	6
27.5°	2	3	3	3	3	4	4	4	5	6	7
26.25°	3	3	3	3	3	4	4	4	5	6	7
25°	3	3	3	3	3	4	4	5	5	6	7
23.75°	3	3	3	3	3	4	4	5	5	6	8
22.5°	3	3	3	3	3	4	4	5	6	7	8
21.25°	3	3	3	3	3	4	4	5	6	7	8
20°	3	3	3	3	4	4	4	5	6	7	8
18.75°	3	3	3	3	4	4	4	5	6	7	8
17.5°	3	3	3	3	4	4	4	5	6	7	9
16.25°	3	3	3	3	4	4	5	5	6	8	9
15°	3	3	3	3	4	4	5	6	7	8	9
13.75°	3	3	3	3	4	4	5	6	7	8	9
12.5°	3	3	3	3	4	4	5	6	7	8	9
11.25°	3	3	3	3	4	4	5	6	7	8	9
10°	3	3	3	3	4	4	5	6	7	8	10
8.75°	3	3	3	3	4	4	5	6	7	8	10
7.5°	3	3	3	3	4	4	5	6	7	8	10
6.25°	3	3	3	3	4	4	5	6	7	9	10
5°	3	3	3	3	4	4	5	6	7	9	10
3.75°	3	3	3	3	4	4	5	6	7	9	10
2.5°	3	3	3	3	4	4	5	6	7	9	10
1.25°	3	3	3	3	4	4	5	6	7	9	10
0°	3	3	3	4	4	4	5	6	7	9	10
-1.25°	3	3	3	3	4	4	5	6	7	9	10
-2.5°	3	3	3	3	4	4	5	6	7	9	10
-3.75°	3	3	3	3	4	4	5	6	7	9	10
-5°	3	3	3	3	4	4	5	6	7	9	10
-6.25°	3	3	3	3	4	4	5	6	7	9	10
-7.5°	3	3	3	3	4	4	5	6	7	8	10
-8.75°	3	3	3	3	4	4	5	6	7	8	10
-10°	3	3	3	3	4	4	5	6	7	8	10
-11.25°	3	3	3	3	4	4	5	6	7	8	9
-12.5°	3	3	3	3	4	4	5	6	7	8	9
-13.75°	3	3	3	3	4	4	5	6	7	8	9
-15°	3	3	3	3	4	4	5	6	7	8	9
-16.25°	3	3	3	3	4	4	5	5	6	8	9
-17.5°	3	3	3	3	4	4	4	5	6	7	9
-18.75°	3	3	3	3	4	4	4	5	6	7	8
-20°	3	3	3	3	4	4	4	5	6	7	8
-21.25°	3	3	3	3	3	4	4	5	6	7	8



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	3	3	3	3	4	4	5	6	7	8
-23.75°	3	3	3	3	3	4	4	5	5	6	8
-25°	3	3	3	3	3	4	4	5	5	6	7
-26.25°	3	3	3	3	3	4	4	4	5	6	7
-27.5°	2	3	3	3	3	4	4	4	5	6	7
-28.75°	2	3	3	3	3	3	4	4	5	6	6
-30°	2	3	3	3	3	3	4	4	5	5	6
-31.25°	2	3	3	3	3	3	4	4	4	5	6
-32.5°	2	3	3	3	3	3	4	4	4	5	6
-33.75°	2	3	3	3	3	3	4	4	4	5	5
-35°	2	3	3	3	3	3	3	4	4	4	5
-36.25°	2	2	3	3	3	3	3	4	4	4	5
-37.5°	2	2	3	3	3	3	3	4	4	4	5
-38.75°	2	2	3	3	3	3	3	3	4	4	4
-40°	2	2	3	3	3	3	3	3	4	4	4
-41.25°	2	2	2	3	3	3	3	3	4	4	4
-42.5°	2	2	2	3	3	3	3	3	3	4	4
-43.75°	2	2	2	3	3	3	3	3	3	4	4
-45°	2	2	2	3	3	3	3	3	3	3	4
-46.25°	2	2	2	2	3	3	3	3	3	3	4
-47.5°	1	2	2	2	3	3	3	3	3	3	3
-48.75°	1	2	2	2	3	3	3	3	3	3	3
-50°	1	2	2	2	2	3	3	3	3	3	3
-51.25°	1	1	2	2	2	3	3	3	3	3	3
-52.5°	1	1	2	2	2	2	3	3	3	3	3
-53.75°	1	1	2	2	2	2	3	3	3	3	3
-55°	1	1	1	2	2	2	2	3	3	3	3
-56.25°	1	1	1	2	2	2	2	3	3	3	3
-57.5°	1	1	1	1	2	2	2	2	3	3	3
-58.75°	1	1	1	1	2	2	2	2	2	3	3
-60°	1	1	1	1	1	2	2	2	2	2	3
-61.25°	1	1	1	1	1	2	2	2	2	2	3
-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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	3	3
68.75°	2	2	2	2	2	2	2	3	3	3	3
67.5°	2	2	2	2	2	3	3	3	3	3	3
66.25°	2	2	2	2	3	3	3	3	3	3	3
65°	2	2	2	3	3	3	3	3	3	3	3
63.75°	2	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	4	4
60°	3	3	3	3	3	3	3	3	4	4	4
58.75°	3	3	3	3	3	3	3	4	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	5	5
55°	3	3	3	3	4	4	4	4	5	5	5
53.75°	3	3	3	4	4	4	4	5	5	6	6
52.5°	3	3	4	4	4	4	5	5	6	6	7
51.25°	3	4	4	4	4	5	5	6	6	7	7
50°	3	4	4	4	4	5	5	6	7	7	8
48.75°	4	4	4	4	5	5	6	7	7	8	9
47.5°	4	4	4	5	5	6	6	7	8	9	9
46.25°	4	4	4	5	6	6	7	8	9	9	10
45°	4	4	5	5	6	7	8	8	9	10	11
43.75°	4	5	5	6	6	7	8	9	10	11	12
42.5°	4	5	5	6	7	8	9	10	10	11	12
41.25°	5	5	6	7	7	8	9	10	11	12	13
40°	5	5	6	7	8	9	10	11	12	13	14
38.75°	5	6	7	8	8	9	10	11	12	14	15
37.5°	5	6	7	8	9	10	11	12	13	14	16
36.25°	6	6	7	8	9	10	11	13	14	15	17
35°	6	7	8	9	10	11	12	13	15	17	18



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	6	7	8	9	10	11	13	14	16	18	20
32.5°	7	8	9	10	11	12	13	15	17	19	21
31.25°	7	8	9	10	11	12	14	16	18	20	23
30°	7	8	9	10	12	13	14	16	19	21	24
28.75°	8	9	10	11	12	14	15	17	19	22	26
27.5°	8	9	10	11	13	14	16	18	21	24	27
26.25°	8	9	10	12	13	15	17	19	22	25	29
25°	8	10	11	12	14	15	18	20	23	26	30
23.75°	9	10	11	12	14	16	18	21	24	28	32
22.5°	9	10	11	13	14	17	19	22	25	29	34
21.25°	9	10	12	13	15	17	20	23	26	31	35
20°	9	11	12	14	15	18	20	24	27	32	37
18.75°	10	11	12	14	16	18	21	25	29	33	38
17.5°	10	11	13	14	17	19	22	26	30	35	40
16.25°	10	11	13	15	17	19	23	27	31	36	42
15°	10	12	13	15	17	20	24	27	32	37	43
13.75°	10	12	13	15	18	20	24	28	33	38	45
12.5°	11	12	14	16	18	21	25	29	34	39	46
11.25°	11	12	14	16	19	22	25	30	35	40	47
10°	11	12	14	16	19	22	26	30	35	41	48
8.75°	11	13	14	17	19	23	26	31	36	42	49
7.5°	11	13	14	17	19	23	27	32	37	43	50
6.25°	11	13	15	17	20	23	27	32	37	44	51
5°	11	13	15	17	20	23	27	32	38	44	51
3.75°	11	13	15	17	20	24	28	33	38	45	52
2.5°	11	13	15	17	20	24	28	33	38	45	52
1.25°	11	13	15	17	20	24	28	33	38	45	52
0°	11	13	15	17	20	24	28	33	38	45	52
-1.25°	11	13	15	17	20	24	28	33	38	45	52
-2.5°	11	13	15	17	20	24	28	33	38	45	52
-3.75°	11	13	15	17	20	24	28	33	38	45	52
-5°	11	13	15	17	20	23	27	32	38	44	51
-6.25°	11	13	15	17	20	23	27	32	37	44	51
-7.5°	11	13	14	17	19	23	27	32	37	43	50
-8.75°	11	13	14	17	19	23	26	31	36	42	49
-10°	11	12	14	16	19	22	26	30	35	41	48
-11.25°	11	12	14	16	19	22	25	30	35	40	47
-12.5°	11	12	14	16	18	21	25	29	34	39	46
-13.75°	10	12	13	15	18	20	24	28	33	38	45
-15°	10	12	13	15	17	20	24	27	32	37	43
-16.25°	10	11	13	15	17	19	23	27	31	36	42
-17.5°	10	11	13	14	17	19	22	26	30	35	40
-18.75°	10	11	12	14	16	18	21	25	29	33	38
-20°	9	11	12	14	15	18	20	24	27	32	37
-21.25°	9	10	12	13	15	17	20	23	26	31	35





REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	9	10	11	13	14	17	19	22	25	29	34
-23.75°	9	10	11	12	14	16	18	21	24	28	32
-25°	8	10	11	12	14	15	18	20	23	26	30
-26.25°	8	9	10	12	13	15	17	19	22	25	29
-27.5°	8	9	10	11	13	14	16	18	21	24	27
-28.75°	8	9	10	11	12	14	15	17	19	22	26
-30°	7	8	9	10	12	13	14	16	19	21	24
-31.25°	7	8	9	10	11	12	14	16	18	20	23
-32.5°	7	8	9	10	11	12	13	15	17	19	21
-33.75°	6	7	8	9	10	11	13	14	16	18	20
-35°	6	7	8	9	10	11	12	13	15	17	18
-36.25°	6	6	7	8	9	10	11	13	14	15	17
-37.5°	5	6	7	8	9	10	11	12	13	14	16
-38.75°	5	6	7	8	8	9	10	11	12	14	15
-40°	5	5	6	7	8	9	10	11	12	13	14
-41.25°	5	5	6	7	7	8	9	10	11	12	13
-42.5°	4	5	5	6	7	8	9	10	10	11	12
-43.75°	4	5	5	6	6	7	8	9	10	11	12
-45°	4	4	5	5	6	7	8	8	9	10	11
-46.25°	4	4	4	5	6	6	7	8	9	9	10
-47.5°	4	4	4	5	5	6	6	7	8	9	9
-48.75°	4	4	4	4	5	5	6	7	7	8	9
-50°	3	4	4	4	4	5	5	6	7	7	8
-51.25°	3	4	4	4	4	5	5	6	6	7	7
-52.5°	3	3	4	4	4	4	5	5	6	6	7
-53.75°	3	3	3	4	4	4	4	5	5	6	6
-55°	3	3	3	3	4	4	4	4	5	5	5
-56.25°	3	3	3	3	3	4	4	4	4	5	5
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	4	4	4	4
-60°	3	3	3	3	3	3	3	3	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	4	4
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	3	3	3	3	3	3	3
-67.5°	2	2	2	2	2	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	3	3	3	3
-70°	1	2	2	2	2	2	2	2	2	3	3
-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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	3	3	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	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	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	5	5
62.5°	4	4	4	4	4	4	5	5	5	5	6
61.25°	4	4	4	4	5	5	5	5	6	6	6
60°	4	4	4	5	5	5	6	6	7	7	7
58.75°	4	5	5	5	6	6	7	7	8	8	8
57.5°	5	5	6	6	6	7	7	8	8	9	9
56.25°	5	6	6	7	7	8	8	9	9	10	10
55°	6	6	7	8	8	9	9	10	10	11	11
53.75°	7	7	8	8	9	10	10	11	11	12	13
52.5°	7	8	9	9	10	10	11	12	12	13	14
51.25°	8	9	9	10	11	11	12	13	14	14	15
50°	9	9	10	11	12	12	13	14	15	16	17
48.75°	9	10	11	12	13	14	14	16	17	18	19
47.5°	10	11	12	13	14	15	16	17	19	20	22
46.25°	11	12	13	14	15	16	18	19	20	22	24
45°	12	13	14	15	16	18	19	21	23	25	27
43.75°	13	14	15	16	18	19	21	23	26	28	30
42.5°	14	15	16	18	19	21	24	26	28	31	34
41.25°	14	16	18	19	21	24	26	28	32	35	37
40°	16	17	19	21	23	26	28	32	35	38	42
38.75°	17	19	20	23	26	28	32	35	38	42	46
37.5°	18	20	22	25	28	31	35	38	42	47	51
36.25°	19	22	24	27	30	34	37	42	46	51	56
35°	21	23	26	29	33	37	41	46	50	56	62



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	22	25	28	32	36	40	45	50	55	61	68
32.5°	24	27	31	34	38	43	49	54	60	67	74
31.25°	26	29	33	37	42	47	52	59	65	72	81
30°	27	31	35	40	45	50	57	64	70	79	88
28.75°	29	33	37	43	48	54	61	68	77	86	95
27.5°	31	35	40	46	51	58	65	73	83	92	103
26.25°	33	37	43	49	55	62	70	79	89	99	112
25°	35	40	45	51	59	66	75	85	94	107	120
23.75°	37	42	48	55	62	70	80	90	102	115	128
22.5°	38	44	50	58	66	75	85	95	109	122	137
21.25°	41	47	53	61	69	79	90	102	116	130	146
20°	43	49	56	64	73	84	94	108	122	138	155
18.75°	45	51	59	67	77	88	100	114	128	146	163
17.5°	46	53	61	70	81	92	105	120	136	153	172
16.25°	48	55	64	73	84	95	110	125	142	161	181
15°	50	57	66	76	87	100	115	130	149	167	189
13.75°	51	60	68	79	90	104	119	136	155	175	197
12.5°	53	61	70	82	93	108	123	141	160	182	204
11.25°	54	63	72	84	96	112	127	146	165	188	211
10°	56	65	75	86	99	115	131	150	170	194	217
8.75°	57	66	76	88	102	118	135	154	175	199	224
7.5°	58	67	78	90	104	120	138	158	179	203	229
6.25°	59	68	79	91	106	122	141	160	183	207	234
5°	60	69	81	93	108	124	143	163	186	210	238
3.75°	60	70	81	94	109	125	145	164	188	212	241
2.5°	61	70	82	94	110	126	146	166	190	214	243
1.25°	61	70	82	95	111	127	147	167	191	215	245
0°	61	70	83	95	111	127	147	167	191	215	245
-1.25°	61	70	82	95	111	127	147	167	191	215	245
-2.5°	61	70	82	94	110	126	146	166	190	214	243
-3.75°	60	70	81	94	109	125	145	164	188	212	241
-5°	60	69	81	93	108	124	143	163	186	210	238
-6.25°	59	68	79	91	106	122	141	160	183	207	234
-7.5°	58	67	78	90	104	120	138	158	179	203	229
-8.75°	57	66	76	88	102	118	135	154	175	199	224
-10°	56	65	75	86	99	115	131	150	170	194	217
-11.25°	54	63	72	84	96	112	127	146	165	188	211
-12.5°	53	61	70	82	93	108	123	141	160	182	204
-13.75°	51	60	68	79	90	104	119	136	155	175	197
-15°	50	57	66	76	87	100	115	130	149	167	189
-16.25°	48	55	64	73	84	95	110	125	142	161	181
-17.5°	46	53	61	70	81	92	105	120	136	153	172
-18.75°	45	51	59	67	77	88	100	114	128	146	163
-20°	43	49	56	64	73	84	94	108	122	138	155
-21.25°	41	47	53	61	69	79	90	102	116	130	146



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	38	44	50	58	66	75	85	95	109	122	137
-23.75°	37	42	48	55	62	70	80	90	102	115	128
-25°	35	40	45	51	59	66	75	85	94	107	120
-26.25°	33	37	43	49	55	62	70	79	89	99	112
-27.5°	31	35	40	46	51	58	65	73	83	92	103
-28.75°	29	33	37	43	48	54	61	68	77	86	95
-30°	27	31	35	40	45	50	57	64	70	79	88
-31.25°	26	29	33	37	42	47	52	59	65	72	81
-32.5°	24	27	31	34	38	43	49	54	60	67	74
-33.75°	22	25	28	32	36	40	45	50	55	61	68
-35°	21	23	26	29	33	37	41	46	50	56	62
-36.25°	19	22	24	27	30	34	37	42	46	51	56
-37.5°	18	20	22	25	28	31	35	38	42	47	51
-38.75°	17	19	20	23	26	28	32	35	38	42	46
-40°	16	17	19	21	23	26	28	32	35	38	42
-41.25°	14	16	18	19	21	24	26	28	32	35	37
-42.5°	14	15	16	18	19	21	24	26	28	31	34
-43.75°	13	14	15	16	18	19	21	23	26	28	30
-45°	12	13	14	15	16	18	19	21	23	25	27
-46.25°	11	12	13	14	15	16	18	19	20	22	24
-47.5°	10	11	12	13	14	15	16	17	19	20	22
-48.75°	9	10	11	12	13	14	14	16	17	18	19
-50°	9	9	10	11	12	12	13	14	15	16	17
-51.25°	8	9	9	10	11	11	12	13	14	14	15
-52.5°	7	8	9	9	10	10	11	12	12	13	14
-53.75°	7	7	8	8	9	10	10	11	11	12	13
-55°	6	6	7	8	8	9	9	10	10	11	11
-56.25°	5	6	6	7	7	8	8	9	9	10	10
-57.5°	5	5	6	6	6	7	7	8	8	9	9
-58.75°	4	5	5	5	6	6	7	7	8	8	8
-60°	4	4	4	5	5	5	6	6	7	7	7
-61.25°	4	4	4	4	5	5	5	5	6	6	6
-62.5°	4	4	4	4	4	4	5	5	5	5	6
-63.75°	3	3	4	4	4	4	4	4	4	5	5
-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°	3	3	3	3	3	3	3	3	3	4	4
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-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	3	3	3	3
-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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	3	3	3	3
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	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	5	5	5
66.25°	4	4	4	4	5	5	5	5	5	5	6
65°	4	5	5	5	5	6	6	6	6	6	7
63.75°	5	5	6	6	6	6	7	7	7	8	8
62.5°	6	6	7	7	7	8	8	8	8	9	9
61.25°	7	7	8	8	8	9	9	9	10	10	10
60°	8	8	9	9	9	10	10	10	11	11	11
58.75°	9	9	10	10	10	11	11	12	12	12	13
57.5°	10	10	11	11	12	12	13	13	14	14	14
56.25°	11	11	12	12	13	14	14	15	15	16	17
55°	12	13	13	14	14	15	16	17	18	18	19
53.75°	13	14	15	16	16	17	18	19	20	21	22
52.5°	15	16	17	18	19	19	21	22	23	24	25
51.25°	17	18	19	20	21	22	24	25	26	28	29
50°	18	20	21	23	24	26	27	29	30	32	34
48.75°	21	22	24	26	27	29	31	33	35	37	38
47.5°	23	25	27	29	31	33	35	37	40	42	44
46.25°	26	28	31	33	35	37	40	43	45	48	50
45°	29	32	34	37	40	43	46	49	51	55	58
43.75°	33	36	38	42	45	48	51	55	59	62	66
42.5°	37	40	43	47	50	54	58	62	66	70	75
41.25°	41	45	49	52	57	61	65	70	75	80	85
40°	46	50	54	59	64	68	73	79	85	90	95
38.75°	50	55	60	65	70	77	83	89	94	102	109
37.5°	56	61	67	72	79	86	92	99	107	115	122
36.25°	62	68	74	81	88	95	103	112	120	128	137
35°	68	75	82	89	97	106	115	124	134	144	154



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	75	82	90	99	108	118	127	138	149	160	171
32.5°	82	90	99	109	119	130	142	153	164	177	190
31.25°	89	99	109	120	131	144	156	168	182	196	209
30°	97	108	119	131	144	157	170	185	200	214	231
28.75°	106	118	130	144	157	171	187	203	218	236	253
27.5°	115	127	142	156	170	187	203	220	239	258	275
26.25°	124	138	153	168	185	203	220	240	260	279	300
25°	134	149	164	182	200	218	239	260	281	303	325
23.75°	144	160	177	196	214	236	258	279	303	326	349
22.5°	154	171	190	209	231	253	275	300	325	349	375
21.25°	163	182	202	223	247	270	295	321	346	374	400
20°	173	194	214	238	262	287	314	340	369	397	424
18.75°	184	204	227	252	277	305	332	361	391	419	445
17.5°	194	215	240	266	293	322	350	381	411	439	465
16.25°	203	226	252	279	308	337	369	400	430	457	484
15°	212	237	264	293	323	353	386	418	446	475	501
13.75°	221	248	275	305	336	369	402	433	462	491	516
12.5°	230	257	286	317	349	383	417	447	477	505	530
11.25°	238	266	296	328	361	396	429	460	490	517	542
10°	246	274	306	338	373	408	440	472	501	528	554
8.75°	252	282	314	347	383	419	450	482	511	538	564
7.5°	258	289	322	356	392	427	459	491	520	547	574
6.25°	263	295	328	363	400	434	467	498	527	554	582
5°	267	300	333	369	406	440	473	504	532	560	588
3.75°	270	303	337	374	411	445	478	509	537	565	594
2.5°	273	306	340	377	414	448	481	512	540	568	598
1.25°	274	308	342	379	416	450	483	514	542	571	600
0°	275	308	342	380	417	451	484	514	543	571	601
-1.25°	274	308	342	379	416	450	483	514	542	571	600
-2.5°	273	306	340	377	414	448	481	512	540	568	598
-3.75°	270	303	337	374	411	445	478	509	537	565	594
-5°	267	300	333	369	406	440	473	504	532	560	588
-6.25°	263	295	328	363	400	434	467	498	527	554	582
-7.5°	258	289	322	356	392	427	459	491	520	547	574
-8.75°	252	282	314	347	383	419	450	482	511	538	564
-10°	246	274	306	338	373	408	440	472	501	528	554
-11.25°	238	266	296	328	361	396	429	460	490	517	542
-12.5°	230	257	286	317	349	383	417	447	477	505	530
-13.75°	221	248	275	305	336	369	402	433	462	491	516
-15°	212	237	264	293	323	353	386	418	446	475	501
-16.25°	203	226	252	279	308	337	369	400	430	457	484
-17.5°	194	215	240	266	293	322	350	381	411	439	465
-18.75°	184	204	227	252	277	305	332	361	391	419	445
-20°	173	194	214	238	262	287	314	340	369	397	424
-21.25°	163	182	202	223	247	270	295	321	346	374	400





REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	154	171	190	209	231	253	275	300	325	349	375
-23.75°	144	160	177	196	214	236	258	279	303	326	349
-25°	134	149	164	182	200	218	239	260	281	303	325
-26.25°	124	138	153	168	185	203	220	240	260	279	300
-27.5°	115	127	142	156	170	187	203	220	239	258	275
-28.75°	106	118	130	144	157	171	187	203	218	236	253
-30°	97	108	119	131	144	157	170	185	200	214	231
-31.25°	89	99	109	120	131	144	156	168	182	196	209
-32.5°	82	90	99	109	119	130	142	153	164	177	190
-33.75°	75	82	90	99	108	118	127	138	149	160	171
-35°	68	75	82	89	97	106	115	124	134	144	154
-36.25°	62	68	74	81	88	95	103	112	120	128	137
-37.5°	56	61	67	72	79	86	92	99	107	115	122
-38.75°	50	55	60	65	70	77	83	89	94	102	109
-40°	46	50	54	59	64	68	73	79	85	90	95
-41.25°	41	45	49	52	57	61	65	70	75	80	85
-42.5°	37	40	43	47	50	54	58	62	66	70	75
-43.75°	33	36	38	42	45	48	51	55	59	62	66
-45°	29	32	34	37	40	43	46	49	51	55	58
-46.25°	26	28	31	33	35	37	40	43	45	48	50
-47.5°	23	25	27	29	31	33	35	37	40	42	44
-48.75°	21	22	24	26	27	29	31	33	35	37	38
-50°	18	20	21	23	24	26	27	29	30	32	34
-51.25°	17	18	19	20	21	22	24	25	26	28	29
-52.5°	15	16	17	18	19	19	21	22	23	24	25
-53.75°	13	14	15	16	16	17	18	19	20	21	22
-55°	12	13	13	14	14	15	16	17	18	18	19
-56.25°	11	11	12	12	13	14	14	15	15	16	17
-57.5°	10	10	11	11	12	12	13	13	14	14	14
-58.75°	9	9	10	10	10	11	11	12	12	12	13
-60°	8	8	9	9	9	10	10	10	11	11	11
-61.25°	7	7	8	8	8	9	9	9	10	10	10
-62.5°	6	6	7	7	7	8	8	8	8	9	9
-63.75°	5	5	6	6	6	6	7	7	7	8	8
-65°	4	5	5	5	5	6	6	6	6	6	7
-66.25°	4	4	4	4	5	5	5	5	5	5	6
-67.5°	4	4	4	4	4	4	4	4	5	5	5
-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°	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	3	3	3	3	3	3	3
-76.25°	2	2	2	2	2	2	2	3	3	3	3
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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	3	3	3
76.25°	3	3	3	3	3	3	3	3	3	3	3
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	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	5	5	5	5	5	5	5
67.5°	5	5	5	5	5	6	6	6	6	6	6
66.25°	6	6	6	6	6	7	7	7	7	7	7
65°	7	7	7	7	8	8	8	8	8	8	8
63.75°	8	8	8	9	9	9	9	9	9	10	10
62.5°	9	9	10	10	10	10	10	11	11	11	11
61.25°	10	11	11	11	11	12	12	12	12	12	13
60°	12	12	12	13	13	13	13	14	14	14	14
58.75°	13	14	14	14	15	15	15	16	16	16	17
57.5°	15	15	16	17	17	17	18	18	19	19	19
56.25°	17	18	18	19	19	20	20	21	22	22	23
55°	20	20	21	22	23	24	24	25	25	26	26
53.75°	23	24	25	26	27	27	28	29	30	30	31
52.5°	26	27	29	30	31	32	33	34	35	35	36
51.25°	31	32	33	35	36	37	38	39	40	41	42
50°	35	37	38	40	42	43	45	46	47	48	49
48.75°	41	43	45	46	48	50	51	53	54	56	57
47.5°	47	49	51	53	55	57	60	61	63	65	66
46.25°	53	56	59	61	64	66	68	70	72	75	76
45°	61	64	67	70	73	76	79	82	84	86	88
43.75°	69	73	77	81	84	87	90	93	96	99	102
42.5°	79	84	88	92	95	100	104	108	112	115	118
41.25°	90	94	100	105	110	115	119	123	127	131	135
40°	102	108	114	120	125	130	136	141	146	150	154
38.75°	116	122	128	136	142	149	155	160	165	170	175
37.5°	130	138	146	153	161	167	175	182	188	194	199
36.25°	146	155	163	172	181	189	197	204	211	217	224
35°	163	173	184	194	203	212	221	230	238	246	252



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	182	194	204	215	226	237	248	257	266	274	282
32.5°	202	214	227	240	252	264	275	286	296	306	314
31.25°	223	238	252	266	279	293	305	317	328	338	347
30°	247	262	277	293	308	323	336	349	361	373	383
28.75°	270	287	305	322	337	353	369	383	396	408	419
27.5°	295	314	332	350	369	386	402	417	429	440	450
26.25°	321	340	361	381	400	418	433	447	460	472	482
25°	346	369	391	411	430	446	462	477	490	501	511
23.75°	374	397	419	439	457	475	491	505	517	528	538
22.5°	400	424	445	465	484	501	516	530	542	554	564
21.25°	425	448	469	490	508	525	540	554	567	580	591
20°	448	471	493	512	530	547	563	578	593	606	618
18.75°	469	493	514	533	552	569	586	603	618	632	645
17.5°	490	512	533	553	572	591	610	627	643	658	672
16.25°	508	530	552	572	593	613	632	651	668	683	698
15°	525	547	569	591	613	634	654	673	692	709	725
13.75°	540	563	586	610	632	654	675	696	716	734	752
12.5°	554	578	603	627	651	673	696	718	739	759	777
11.25°	567	593	618	643	668	692	716	739	762	782	799
10°	580	606	632	658	683	709	734	759	782	801	818
8.75°	591	618	645	672	698	725	752	777	799	818	835
7.5°	601	629	657	684	712	740	767	792	814	833	850
6.25°	610	638	667	695	724	753	781	804	826	846	863
5°	617	646	675	704	734	763	791	815	836	856	874
3.75°	623	652	681	711	742	772	798	823	844	864	882
2.5°	627	657	686	716	747	778	804	828	850	870	888
1.25°	629	659	689	719	751	781	807	831	854	873	891
0°	630	660	690	721	752	783	809	833	855	875	893
-1.25°	629	659	689	719	751	781	807	831	854	873	891
-2.5°	627	657	686	716	747	778	804	828	850	870	888
-3.75°	623	652	681	711	742	772	798	823	844	864	882
-5°	617	646	675	704	734	763	791	815	836	856	874
-6.25°	610	638	667	695	724	753	781	804	826	846	863
-7.5°	601	629	657	684	712	740	767	792	814	833	850
-8.75°	591	618	645	672	698	725	752	777	799	818	835
-10°	580	606	632	658	683	709	734	759	782	801	818
-11.25°	567	593	618	643	668	692	716	739	762	782	799
-12.5°	554	578	603	627	651	673	696	718	739	759	777
-13.75°	540	563	586	610	632	654	675	696	716	734	752
-15°	525	547	569	591	613	634	654	673	692	709	725
-16.25°	508	530	552	572	593	613	632	651	668	683	698
-17.5°	490	512	533	553	572	591	610	627	643	658	672
-18.75°	469	493	514	533	552	569	586	603	618	632	645
-20°	448	471	493	512	530	547	563	578	593	606	618
-21.25°	425	448	469	490	508	525	540	554	567	580	591



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	400	424	445	465	484	501	516	530	542	554	564
-23.75°	374	397	419	439	457	475	491	505	517	528	538
-25°	346	369	391	411	430	446	462	477	490	501	511
-26.25°	321	340	361	381	400	418	433	447	460	472	482
-27.5°	295	314	332	350	369	386	402	417	429	440	450
-28.75°	270	287	305	322	337	353	369	383	396	408	419
-30°	247	262	277	293	308	323	336	349	361	373	383
-31.25°	223	238	252	266	279	293	305	317	328	338	347
-32.5°	202	214	227	240	252	264	275	286	296	306	314
-33.75°	182	194	204	215	226	237	248	257	266	274	282
-35°	163	173	184	194	203	212	221	230	238	246	252
-36.25°	146	155	163	172	181	189	197	204	211	217	224
-37.5°	130	138	146	153	161	167	175	182	188	194	199
-38.75°	116	122	128	136	142	149	155	160	165	170	175
-40°	102	108	114	120	125	130	136	141	146	150	154
-41.25°	90	94	100	105	110	115	119	123	127	131	135
-42.5°	79	84	88	92	95	100	104	108	112	115	118
-43.75°	69	73	77	81	84	87	90	93	96	99	102
-45°	61	64	67	70	73	76	79	82	84	86	88
-46.25°	53	56	59	61	64	66	68	70	72	75	76
-47.5°	47	49	51	53	55	57	60	61	63	65	66
-48.75°	41	43	45	46	48	50	51	53	54	56	57
-50°	35	37	38	40	42	43	45	46	47	48	49
-51.25°	31	32	33	35	36	37	38	39	40	41	42
-52.5°	26	27	29	30	31	32	33	34	35	35	36
-53.75°	23	24	25	26	27	27	28	29	30	30	31
-55°	20	20	21	22	23	24	24	25	25	26	26
-56.25°	17	18	18	19	19	20	20	21	22	22	23
-57.5°	15	15	16	17	17	17	18	18	19	19	19
-58.75°	13	14	14	14	15	15	15	16	16	16	17
-60°	12	12	12	13	13	13	13	14	14	14	14
-61.25°	10	11	11	11	11	12	12	12	12	12	13
-62.5°	9	9	10	10	10	10	10	11	11	11	11
-63.75°	8	8	8	9	9	9	9	9	9	10	10
-65°	7	7	7	7	8	8	8	8	8	8	8
-66.25°	6	6	6	6	6	7	7	7	7	7	7
-67.5°	5	5	5	5	5	6	6	6	6	6	6
-68.75°	4	4	4	4	5	5	5	5	5	5	5
-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°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	2	2	2	2	2	2	2	2	3	3	3



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	3	3	3	3	3	3	3	3	3	3
76.25°	3	3	3	3	3	3	3	3	3	3	3
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°	5	5	5	5	5	5	5	5	5	5	5
67.5°	6	6	6	6	6	6	6	6	6	6	6
66.25°	7	7	7	7	7	7	7	7	7	7	7
65°	8	9	9	9	9	9	9	9	9	9	9
63.75°	10	10	10	10	10	10	10	10	10	10	10
62.5°	11	11	11	11	11	11	11	11	11	11	11
61.25°	13	13	13	13	13	13	13	13	13	13	13
60°	14	15	15	15	15	15	15	15	15	15	15
58.75°	17	17	17	17	17	17	17	17	17	17	17
57.5°	19	20	20	20	20	20	20	20	20	20	20
56.25°	23	23	23	24	24	24	24	24	24	24	23
55°	27	27	27	28	28	28	28	28	28	28	27
53.75°	32	32	32	33	33	33	33	33	33	33	32
52.5°	37	37	38	38	38	38	38	38	38	38	38
51.25°	43	44	44	45	45	45	45	45	45	45	44
50°	50	51	51	52	52	52	52	52	52	52	51
48.75°	58	59	60	60	61	61	61	61	61	60	60
47.5°	67	68	69	70	70	70	70	70	70	70	69
46.25°	78	79	81	81	82	82	83	82	82	81	81
45°	90	91	93	94	94	95	95	95	94	94	93
43.75°	104	106	108	109	110	111	111	111	110	109	108
42.5°	120	122	124	125	126	127	127	127	126	125	124
41.25°	138	141	143	145	146	147	147	147	146	145	143
40°	158	160	163	164	166	167	167	167	166	164	163
38.75°	179	183	186	188	190	191	191	191	190	188	186
37.5°	203	207	210	212	214	215	215	215	214	212	210
36.25°	229	234	238	241	243	245	245	245	243	241	238
35°	258	263	267	270	273	274	275	274	273	270	267



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°
33.75°	289	295	300	303	306	308	308	308	306	303	300
32.5°	322	328	333	337	340	342	342	342	340	337	333
31.25°	356	363	369	374	377	379	380	379	377	374	369
30°	392	400	406	411	414	416	417	416	414	411	406
28.75°	427	434	440	445	448	450	451	450	448	445	440
27.5°	459	467	473	478	481	483	484	483	481	478	473
26.25°	491	498	504	509	512	514	514	514	512	509	504
25°	520	527	532	537	540	542	543	542	540	537	532
23.75°	547	554	560	565	568	571	571	571	568	565	560
22.5°	574	582	588	594	598	600	601	600	598	594	588
21.25°	601	610	617	623	627	629	630	629	627	623	617
20°	629	638	646	652	657	659	660	659	657	652	646
18.75°	657	667	675	681	686	689	690	689	686	681	675
17.5°	684	695	704	711	716	719	721	719	716	711	704
16.25°	712	724	734	742	747	751	752	751	747	742	734
15°	740	753	763	772	778	781	783	781	778	772	763
13.75°	767	781	791	798	804	807	809	807	804	798	791
12.5°	792	804	815	823	828	831	833	831	828	823	815
11.25°	814	826	836	844	850	854	855	854	850	844	836
10°	833	846	856	864	870	873	875	873	870	864	856
8.75°	850	863	874	882	888	891	893	891	888	882	874
7.5°	865	878	889	897	902	904	905	904	902	897	889
6.25°	878	892	902	907	909	910	910	910	909	907	902
5°	889	902	908	910	909	908	908	908	909	910	908
3.75°	897	907	910	908	905	901	900	901	905	908	910
2.5°	902	909	909	905	898	893	892	893	898	905	909
1.25°	904	910	908	901	893	889	889	889	893	901	908
0°	905	910	908	900	892	889	891	889	892	900	908
-1.25°	904	910	908	901	893	889	889	889	893	901	908
-2.5°	902	909	909	905	898	893	892	893	898	905	909
-3.75°	897	907	910	908	905	901	900	901	905	908	910
-5°	889	902	908	910	909	908	908	908	909	910	908
-6.25°	878	892	902	907	909	910	910	910	909	907	902
-7.5°	865	878	889	897	902	904	905	904	902	897	889
-8.75°	850	863	874	882	888	891	893	891	888	882	874
-10°	833	846	856	864	870	873	875	873	870	864	856
-11.25°	814	826	836	844	850	854	855	854	850	844	836
-12.5°	792	804	815	823	828	831	833	831	828	823	815
-13.75°	767	781	791	798	804	807	809	807	804	798	791
-15°	740	753	763	772	778	781	783	781	778	772	763
-16.25°	712	724	734	742	747	751	752	751	747	742	734
-17.5°	684	695	704	711	716	719	721	719	716	711	704
-18.75°	657	667	675	681	686	689	690	689	686	681	675
-20°	629	638	646	652	657	659	660	659	657	652	646
-21.25°	601	610	617	623	627	629	630	629	627	623	617





REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	574	582	588	594	598	600	601	600	598	594	588
-23.75°	547	554	560	565	568	571	571	571	568	565	560
-25°	520	527	532	537	540	542	543	542	540	537	532
-26.25°	491	498	504	509	512	514	514	514	512	509	504
-27.5°	459	467	473	478	481	483	484	483	481	478	473
-28.75°	427	434	440	445	448	450	451	450	448	445	440
-30°	392	400	406	411	414	416	417	416	414	411	406
-31.25°	356	363	369	374	377	379	380	379	377	374	369
-32.5°	322	328	333	337	340	342	342	342	340	337	333
-33.75°	289	295	300	303	306	308	308	308	306	303	300
-35°	258	263	267	270	273	274	275	274	273	270	267
-36.25°	229	234	238	241	243	245	245	245	243	241	238
-37.5°	203	207	210	212	214	215	215	215	214	212	210
-38.75°	179	183	186	188	190	191	191	191	190	188	186
-40°	158	160	163	164	166	167	167	167	166	164	163
-41.25°	138	141	143	145	146	147	147	147	146	145	143
-42.5°	120	122	124	125	126	127	127	127	126	125	124
-43.75°	104	106	108	109	110	111	111	111	110	109	108
-45°	90	91	93	94	94	95	95	95	94	94	93
-46.25°	78	79	81	81	82	82	83	82	82	81	81
-47.5°	67	68	69	70	70	70	70	70	70	70	69
-48.75°	58	59	60	60	61	61	61	61	61	60	60
-50°	50	51	51	52	52	52	52	52	52	52	51
-51.25°	43	44	44	45	45	45	45	45	45	45	44
-52.5°	37	37	38	38	38	38	38	38	38	38	38
-53.75°	32	32	32	33	33	33	33	33	33	33	32
-55°	27	27	27	28	28	28	28	28	28	28	27
-56.25°	23	23	23	24	24	24	24	24	24	24	23
-57.5°	19	20	20	20	20	20	20	20	20	20	20
-58.75°	17	17	17	17	17	17	17	17	17	17	17
-60°	14	15	15	15	15	15	15	15	15	15	15
-61.25°	13	13	13	13	13	13	13	13	13	13	13
-62.5°	11	11	11	11	11	11	11	11	11	11	11
-63.75°	10	10	10	10	10	10	10	10	10	10	10
-65°	8	9	9	9	9	9	9	9	9	9	9
-66.25°	7	7	7	7	7	7	7	7	7	7	7
-67.5°	6	6	6	6	6	6	6	6	6	6	6
-68.75°	5	5	5	5	5	5	5	5	5	5	5
-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°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	3	3	3	3	3	3	3	3	3	3	3



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	3	3	3	3	2	2	2	2	2	2
76.25°	3	3	3	3	3	3	3	3	3	3	3
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	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°	5	5	5	5	5	5	5	5	5	4	4
67.5°	6	6	6	6	6	6	6	6	5	5	5
66.25°	7	7	7	7	7	7	7	7	6	6	6
65°	9	8	8	8	8	8	8	8	8	7	7
63.75°	10	10	10	10	9	9	9	9	9	9	8
62.5°	11	11	11	11	11	11	10	10	10	10	10
61.25°	13	13	13	12	12	12	12	12	11	11	11
60°	15	14	14	14	14	14	13	13	13	13	12
58.75°	17	17	17	16	16	16	15	15	15	14	14
57.5°	20	19	19	19	19	18	18	17	17	17	16
56.25°	23	23	23	22	22	21	20	20	19	19	18
55°	27	27	26	26	25	25	24	24	23	22	21
53.75°	32	32	31	30	30	29	28	27	27	26	25
52.5°	37	37	36	35	35	34	33	32	31	30	29
51.25°	44	43	42	41	40	39	38	37	36	35	33
50°	51	50	49	48	47	46	45	43	42	40	38
48.75°	59	58	57	56	54	53	51	50	48	46	45
47.5°	68	67	66	65	63	61	60	57	55	53	51
46.25°	79	78	76	75	72	70	68	66	64	61	59
45°	91	90	88	86	84	82	79	76	73	70	67
43.75°	106	104	102	99	96	93	90	87	84	81	77
42.5°	122	120	118	115	112	108	104	100	95	92	88
41.25°	141	138	135	131	127	123	119	115	110	105	100
40°	160	158	154	150	146	141	136	130	125	120	114
38.75°	183	179	175	170	165	160	155	149	142	136	128
37.5°	207	203	199	194	188	182	175	167	161	153	146
36.25°	234	229	224	217	211	204	197	189	181	172	163
35°	263	258	252	246	238	230	221	212	203	194	184



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	295	289	282	274	266	257	248	237	226	215	204
32.5°	328	322	314	306	296	286	275	264	252	240	227
31.25°	363	356	347	338	328	317	305	293	279	266	252
30°	400	392	383	373	361	349	336	323	308	293	277
28.75°	434	427	419	408	396	383	369	353	337	322	305
27.5°	467	459	450	440	429	417	402	386	369	350	332
26.25°	498	491	482	472	460	447	433	418	400	381	361
25°	527	520	511	501	490	477	462	446	430	411	391
23.75°	554	547	538	528	517	505	491	475	457	439	419
22.5°	582	574	564	554	542	530	516	501	484	465	445
21.25°	610	601	591	580	567	554	540	525	508	490	469
20°	638	629	618	606	593	578	563	547	530	512	493
18.75°	667	657	645	632	618	603	586	569	552	533	514
17.5°	695	684	672	658	643	627	610	591	572	553	533
16.25°	724	712	698	683	668	651	632	613	593	572	552
15°	753	740	725	709	692	673	654	634	613	591	569
13.75°	781	767	752	734	716	696	675	654	632	610	586
12.5°	804	792	777	759	739	718	696	673	651	627	603
11.25°	826	814	799	782	762	739	716	692	668	643	618
10°	846	833	818	801	782	759	734	709	683	658	632
8.75°	863	850	835	818	799	777	752	725	698	672	645
7.5°	878	865	850	833	814	792	767	740	712	684	657
6.25°	892	878	863	846	826	804	781	753	724	695	667
5°	902	889	874	856	836	815	791	763	734	704	675
3.75°	907	897	882	864	844	823	798	772	742	711	681
2.5°	909	902	888	870	850	828	804	778	747	716	686
1.25°	910	904	891	873	854	831	807	781	751	719	689
0°	910	905	893	875	855	833	809	783	752	721	690
-1.25°	910	904	891	873	854	831	807	781	751	719	689
-2.5°	909	902	888	870	850	828	804	778	747	716	686
-3.75°	907	897	882	864	844	823	798	772	742	711	681
-5°	902	889	874	856	836	815	791	763	734	704	675
-6.25°	892	878	863	846	826	804	781	753	724	695	667
-7.5°	878	865	850	833	814	792	767	740	712	684	657
-8.75°	863	850	835	818	799	777	752	725	698	672	645
-10°	846	833	818	801	782	759	734	709	683	658	632
-11.25°	826	814	799	782	762	739	716	692	668	643	618
-12.5°	804	792	777	759	739	718	696	673	651	627	603
-13.75°	781	767	752	734	716	696	675	654	632	610	586
-15°	753	740	725	709	692	673	654	634	613	591	569
-16.25°	724	712	698	683	668	651	632	613	593	572	552
-17.5°	695	684	672	658	643	627	610	591	572	553	533
-18.75°	667	657	645	632	618	603	586	569	552	533	514
-20°	638	629	618	606	593	578	563	547	530	512	493
-21.25°	610	601	591	580	567	554	540	525	508	490	469



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	582	574	564	554	542	530	516	501	484	465	445
-23.75°	554	547	538	528	517	505	491	475	457	439	419
-25°	527	520	511	501	490	477	462	446	430	411	391
-26.25°	498	491	482	472	460	447	433	418	400	381	361
-27.5°	467	459	450	440	429	417	402	386	369	350	332
-28.75°	434	427	419	408	396	383	369	353	337	322	305
-30°	400	392	383	373	361	349	336	323	308	293	277
-31.25°	363	356	347	338	328	317	305	293	279	266	252
-32.5°	328	322	314	306	296	286	275	264	252	240	227
-33.75°	295	289	282	274	266	257	248	237	226	215	204
-35°	263	258	252	246	238	230	221	212	203	194	184
-36.25°	234	229	224	217	211	204	197	189	181	172	163
-37.5°	207	203	199	194	188	182	175	167	161	153	146
-38.75°	183	179	175	170	165	160	155	149	142	136	128
-40°	160	158	154	150	146	141	136	130	125	120	114
-41.25°	141	138	135	131	127	123	119	115	110	105	100
-42.5°	122	120	118	115	112	108	104	100	95	92	88
-43.75°	106	104	102	99	96	93	90	87	84	81	77
-45°	91	90	88	86	84	82	79	76	73	70	67
-46.25°	79	78	76	75	72	70	68	66	64	61	59
-47.5°	68	67	66	65	63	61	60	57	55	53	51
-48.75°	59	58	57	56	54	53	51	50	48	46	45
-50°	51	50	49	48	47	46	45	43	42	40	38
-51.25°	44	43	42	41	40	39	38	37	36	35	33
-52.5°	37	37	36	35	35	34	33	32	31	30	29
-53.75°	32	32	31	30	30	29	28	27	27	26	25
-55°	27	27	26	26	25	25	24	24	23	22	21
-56.25°	23	23	23	22	22	21	20	20	19	19	18
-57.5°	20	19	19	19	19	18	18	17	17	17	16
-58.75°	17	17	17	16	16	16	15	15	15	14	14
-60°	15	14	14	14	14	14	13	13	13	13	12
-61.25°	13	13	13	12	12	12	12	12	11	11	11
-62.5°	11	11	11	11	11	11	10	10	10	10	10
-63.75°	10	10	10	10	9	9	9	9	9	9	8
-65°	9	8	8	8	8	8	8	8	8	7	7
-66.25°	7	7	7	7	7	7	7	7	6	6	6
-67.5°	6	6	6	6	6	6	6	6	5	5	5
-68.75°	5	5	5	5	5	5	5	5	5	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	3	3	3	3	3	3	3
-76.25°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	3	3	3	3	3	2	2	2	2	2	2



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	3	3	3	3	3	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	3	3	3	3	3
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°	5	5	5	5	5	4	4	4	4	4	4
66.25°	6	6	6	5	5	5	5	5	5	4	4
65°	7	7	7	6	6	6	6	6	5	5	5
63.75°	8	8	8	8	7	7	7	6	6	6	6
62.5°	9	9	9	9	8	8	8	8	7	7	7
61.25°	11	10	10	10	10	9	9	9	8	8	8
60°	12	12	11	11	11	10	10	10	9	9	9
58.75°	14	13	13	12	12	12	11	11	10	10	10
57.5°	15	15	14	14	14	13	13	12	12	11	11
56.25°	18	17	17	16	15	15	14	14	13	12	12
55°	20	20	19	18	18	17	16	15	14	14	13
53.75°	24	23	22	21	20	19	18	17	16	16	15
52.5°	27	26	25	24	23	22	21	19	19	18	17
51.25°	32	31	29	28	26	25	24	22	21	20	19
50°	37	35	34	32	30	29	27	26	24	23	21
48.75°	43	41	38	37	35	33	31	29	27	26	24
47.5°	49	47	44	42	40	37	35	33	31	29	27
46.25°	56	53	50	48	45	43	40	37	35	33	31
45°	64	61	58	55	51	49	46	43	40	37	34
43.75°	73	69	66	62	59	55	51	48	45	42	38
42.5°	84	79	75	70	66	62	58	54	50	47	43
41.25°	94	90	85	80	75	70	65	61	57	52	49
40°	108	102	95	90	85	79	73	68	64	59	54
38.75°	122	116	109	102	94	89	83	77	70	65	60
37.5°	138	130	122	115	107	99	92	86	79	72	67
36.25°	155	146	137	128	120	112	103	95	88	81	74
35°	173	163	154	144	134	124	115	106	97	89	82



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	194	182	171	160	149	138	127	118	108	99	90
32.5°	214	202	190	177	164	153	142	130	119	109	99
31.25°	238	223	209	196	182	168	156	144	131	120	109
30°	262	247	231	214	200	185	170	157	144	131	119
28.75°	287	270	253	236	218	203	187	171	157	144	130
27.5°	314	295	275	258	239	220	203	187	170	156	142
26.25°	340	321	300	279	260	240	220	203	185	168	153
25°	369	346	325	303	281	260	239	218	200	182	164
23.75°	397	374	349	326	303	279	258	236	214	196	177
22.5°	424	400	375	349	325	300	275	253	231	209	190
21.25°	448	425	400	374	346	321	295	270	247	223	202
20°	471	448	424	397	369	340	314	287	262	238	214
18.75°	493	469	445	419	391	361	332	305	277	252	227
17.5°	512	490	465	439	411	381	350	322	293	266	240
16.25°	530	508	484	457	430	400	369	337	308	279	252
15°	547	525	501	475	446	418	386	353	323	293	264
13.75°	563	540	516	491	462	433	402	369	336	305	275
12.5°	578	554	530	505	477	447	417	383	349	317	286
11.25°	593	567	542	517	490	460	429	396	361	328	296
10°	606	580	554	528	501	472	440	408	373	338	306
8.75°	618	591	564	538	511	482	450	419	383	347	314
7.5°	629	601	574	547	520	491	459	427	392	356	322
6.25°	638	610	582	554	527	498	467	434	400	363	328
5°	646	617	588	560	532	504	473	440	406	369	333
3.75°	652	623	594	565	537	509	478	445	411	374	337
2.5°	657	627	598	568	540	512	481	448	414	377	340
1.25°	659	629	600	571	542	514	483	450	416	379	342
0°	660	630	601	571	543	514	484	451	417	380	342
-1.25°	659	629	600	571	542	514	483	450	416	379	342
-2.5°	657	627	598	568	540	512	481	448	414	377	340
-3.75°	652	623	594	565	537	509	478	445	411	374	337
-5°	646	617	588	560	532	504	473	440	406	369	333
-6.25°	638	610	582	554	527	498	467	434	400	363	328
-7.5°	629	601	574	547	520	491	459	427	392	356	322
-8.75°	618	591	564	538	511	482	450	419	383	347	314
-10°	606	580	554	528	501	472	440	408	373	338	306
-11.25°	593	567	542	517	490	460	429	396	361	328	296
-12.5°	578	554	530	505	477	447	417	383	349	317	286
-13.75°	563	540	516	491	462	433	402	369	336	305	275
-15°	547	525	501	475	446	418	386	353	323	293	264
-16.25°	530	508	484	457	430	400	369	337	308	279	252
-17.5°	512	490	465	439	411	381	350	322	293	266	240
-18.75°	493	469	445	419	391	361	332	305	277	252	227
-20°	471	448	424	397	369	340	314	287	262	238	214
-21.25°	448	425	400	374	346	321	295	270	247	223	202





REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	424	400	375	349	325	300	275	253	231	209	190
-23.75°	397	374	349	326	303	279	258	236	214	196	177
-25°	369	346	325	303	281	260	239	218	200	182	164
-26.25°	340	321	300	279	260	240	220	203	185	168	153
-27.5°	314	295	275	258	239	220	203	187	170	156	142
-28.75°	287	270	253	236	218	203	187	171	157	144	130
-30°	262	247	231	214	200	185	170	157	144	131	119
-31.25°	238	223	209	196	182	168	156	144	131	120	109
-32.5°	214	202	190	177	164	153	142	130	119	109	99
-33.75°	194	182	171	160	149	138	127	118	108	99	90
-35°	173	163	154	144	134	124	115	106	97	89	82
-36.25°	155	146	137	128	120	112	103	95	88	81	74
-37.5°	138	130	122	115	107	99	92	86	79	72	67
-38.75°	122	116	109	102	94	89	83	77	70	65	60
-40°	108	102	95	90	85	79	73	68	64	59	54
-41.25°	94	90	85	80	75	70	65	61	57	52	49
-42.5°	84	79	75	70	66	62	58	54	50	47	43
-43.75°	73	69	66	62	59	55	51	48	45	42	38
-45°	64	61	58	55	51	49	46	43	40	37	34
-46.25°	56	53	50	48	45	43	40	37	35	33	31
-47.5°	49	47	44	42	40	37	35	33	31	29	27
-48.75°	43	41	38	37	35	33	31	29	27	26	24
-50°	37	35	34	32	30	29	27	26	24	23	21
-51.25°	32	31	29	28	26	25	24	22	21	20	19
-52.5°	27	26	25	24	23	22	21	19	19	18	17
-53.75°	24	23	22	21	20	19	18	17	16	16	15
-55°	20	20	19	18	18	17	16	15	14	14	13
-56.25°	18	17	17	16	15	15	14	14	13	12	12
-57.5°	15	15	14	14	14	13	13	12	12	11	11
-58.75°	14	13	13	12	12	12	11	11	10	10	10
-60°	12	12	11	11	11	10	10	10	9	9	9
-61.25°	11	10	10	10	10	9	9	9	8	8	8
-62.5°	9	9	9	9	8	8	8	8	7	7	7
-63.75°	8	8	8	8	7	7	7	6	6	6	6
-65°	7	7	7	6	6	6	6	6	5	5	5
-66.25°	6	6	6	5	5	5	5	5	5	4	4
-67.5°	5	5	5	5	5	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	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°	3	3	3	3	3	3	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	3	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	4	3	3	3	3	3	3	3	3	3	3
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°	5	4	4	4	4	4	4	4	4	3	3
63.75°	5	5	5	5	4	4	4	4	4	4	4
62.5°	6	6	6	5	5	5	5	4	4	4	4
61.25°	7	7	6	6	6	5	5	5	5	4	4
60°	8	8	7	7	7	6	6	5	5	5	4
58.75°	9	9	8	8	8	7	7	6	6	5	5
57.5°	10	10	9	9	8	8	7	7	6	6	6
56.25°	11	11	10	10	9	9	8	8	7	7	6
55°	13	12	11	11	10	10	9	9	8	8	7
53.75°	14	13	13	12	11	11	10	10	9	8	8
52.5°	16	15	14	13	12	12	11	10	10	9	9
51.25°	18	17	15	14	14	13	12	11	11	10	9
50°	20	18	17	16	15	14	13	12	12	11	10
48.75°	22	21	19	18	17	16	14	14	13	12	11
47.5°	25	23	22	20	19	17	16	15	14	13	12
46.25°	28	26	24	22	20	19	18	16	15	14	13
45°	32	29	27	25	23	21	19	18	16	15	14
43.75°	36	33	30	28	26	23	21	19	18	16	15
42.5°	40	37	34	31	28	26	24	21	19	18	16
41.25°	45	41	37	35	32	28	26	24	21	19	18
40°	50	46	42	38	35	32	28	26	23	21	19
38.75°	55	50	46	42	38	35	32	28	26	23	20
37.5°	61	56	51	47	42	38	35	31	28	25	22
36.25°	68	62	56	51	46	42	37	34	30	27	24
35°	75	68	62	56	50	46	41	37	33	29	26



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	82	75	68	61	55	50	45	40	36	32	28
32.5°	90	82	74	67	60	54	49	43	38	34	31
31.25°	99	89	81	72	65	59	52	47	42	37	33
30°	108	97	88	79	70	64	57	50	45	40	35
28.75°	118	106	95	86	77	68	61	54	48	43	37
27.5°	127	115	103	92	83	73	65	58	51	46	40
26.25°	138	124	112	99	89	79	70	62	55	49	43
25°	149	134	120	107	94	85	75	66	59	51	45
23.75°	160	144	128	115	102	90	80	70	62	55	48
22.5°	171	154	137	122	109	95	85	75	66	58	50
21.25°	182	163	146	130	116	102	90	79	69	61	53
20°	194	173	155	138	122	108	94	84	73	64	56
18.75°	204	184	163	146	128	114	100	88	77	67	59
17.5°	215	194	172	153	136	120	105	92	81	70	61
16.25°	226	203	181	161	142	125	110	95	84	73	64
15°	237	212	189	167	149	130	115	100	87	76	66
13.75°	248	221	197	175	155	136	119	104	90	79	68
12.5°	257	230	204	182	160	141	123	108	93	82	70
11.25°	266	238	211	188	165	146	127	112	96	84	72
10°	274	246	217	194	170	150	131	115	99	86	75
8.75°	282	252	224	199	175	154	135	118	102	88	76
7.5°	289	258	229	203	179	158	138	120	104	90	78
6.25°	295	263	234	207	183	160	141	122	106	91	79
5°	300	267	238	210	186	163	143	124	108	93	81
3.75°	303	270	241	212	188	164	145	125	109	94	81
2.5°	306	273	243	214	190	166	146	126	110	94	82
1.25°	308	274	245	215	191	167	147	127	111	95	82
0°	308	275	245	215	191	167	147	127	111	95	83
-1.25°	308	274	245	215	191	167	147	127	111	95	82
-2.5°	306	273	243	214	190	166	146	126	110	94	82
-3.75°	303	270	241	212	188	164	145	125	109	94	81
-5°	300	267	238	210	186	163	143	124	108	93	81
-6.25°	295	263	234	207	183	160	141	122	106	91	79
-7.5°	289	258	229	203	179	158	138	120	104	90	78
-8.75°	282	252	224	199	175	154	135	118	102	88	76
-10°	274	246	217	194	170	150	131	115	99	86	75
-11.25°	266	238	211	188	165	146	127	112	96	84	72
-12.5°	257	230	204	182	160	141	123	108	93	82	70
-13.75°	248	221	197	175	155	136	119	104	90	79	68
-15°	237	212	189	167	149	130	115	100	87	76	66
-16.25°	226	203	181	161	142	125	110	95	84	73	64
-17.5°	215	194	172	153	136	120	105	92	81	70	61
-18.75°	204	184	163	146	128	114	100	88	77	67	59
-20°	194	173	155	138	122	108	94	84	73	64	56
-21.25°	182	163	146	130	116	102	90	79	69	61	53



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	171	154	137	122	109	95	85	75	66	58	50
-23.75°	160	144	128	115	102	90	80	70	62	55	48
-25°	149	134	120	107	94	85	75	66	59	51	45
-26.25°	138	124	112	99	89	79	70	62	55	49	43
-27.5°	127	115	103	92	83	73	65	58	51	46	40
-28.75°	118	106	95	86	77	68	61	54	48	43	37
-30°	108	97	88	79	70	64	57	50	45	40	35
-31.25°	99	89	81	72	65	59	52	47	42	37	33
-32.5°	90	82	74	67	60	54	49	43	38	34	31
-33.75°	82	75	68	61	55	50	45	40	36	32	28
-35°	75	68	62	56	50	46	41	37	33	29	26
-36.25°	68	62	56	51	46	42	37	34	30	27	24
-37.5°	61	56	51	47	42	38	35	31	28	25	22
-38.75°	55	50	46	42	38	35	32	28	26	23	20
-40°	50	46	42	38	35	32	28	26	23	21	19
-41.25°	45	41	37	35	32	28	26	24	21	19	18
-42.5°	40	37	34	31	28	26	24	21	19	18	16
-43.75°	36	33	30	28	26	23	21	19	18	16	15
-45°	32	29	27	25	23	21	19	18	16	15	14
-46.25°	28	26	24	22	20	19	18	16	15	14	13
-47.5°	25	23	22	20	19	17	16	15	14	13	12
-48.75°	22	21	19	18	17	16	14	14	13	12	11
-50°	20	18	17	16	15	14	13	12	12	11	10
-51.25°	18	17	15	14	14	13	12	11	11	10	9
-52.5°	16	15	14	13	12	12	11	10	10	9	9
-53.75°	14	13	13	12	11	11	10	10	9	8	8
-55°	13	12	11	11	10	10	9	9	8	8	7
-56.25°	11	11	10	10	9	9	8	8	7	7	6
-57.5°	10	10	9	9	8	8	7	7	6	6	6
-58.75°	9	9	8	8	8	7	7	6	6	5	5
-60°	8	8	7	7	7	6	6	5	5	5	4
-61.25°	7	7	6	6	6	5	5	5	5	4	4
-62.5°	6	6	6	5	5	5	5	4	4	4	4
-63.75°	5	5	5	5	4	4	4	4	4	4	4
-65°	5	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	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	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	3	3	2	2	2	2	2
-75°	3	3	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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	3	2	2	2	2	2	2	2	2	1
70°	3	3	3	3	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	2	2
65°	3	3	3	3	3	3	3	3	3	3	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	4	4	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	3	3	3	3	3	3	3
60°	4	4	4	4	4	3	3	3	3	3	3
58.75°	5	4	4	4	4	4	3	3	3	3	3
57.5°	5	5	4	4	4	4	4	3	3	3	3
56.25°	6	5	5	5	4	4	4	4	3	3	3
55°	6	6	5	5	5	4	4	4	4	3	3
53.75°	7	7	6	6	5	5	4	4	4	4	3
52.5°	8	7	7	6	6	5	5	4	4	4	4
51.25°	9	8	7	7	6	6	5	5	4	4	4
50°	9	9	8	7	7	6	5	5	4	4	4
48.75°	10	9	9	8	7	7	6	5	5	4	4
47.5°	11	10	9	9	8	7	6	6	5	5	4
46.25°	12	11	10	9	9	8	7	6	6	5	4
45°	13	12	11	10	9	8	8	7	6	5	5
43.75°	14	13	12	11	10	9	8	7	6	6	5
42.5°	15	14	12	11	10	10	9	8	7	6	5
41.25°	16	14	13	12	11	10	9	8	7	7	6
40°	17	16	14	13	12	11	10	9	8	7	6
38.75°	19	17	15	14	12	11	10	9	8	8	7
37.5°	20	18	16	14	13	12	11	10	9	8	7
36.25°	22	19	17	15	14	13	11	10	9	8	7
35°	23	21	18	17	15	13	12	11	10	9	8



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	25	22	20	18	16	14	13	11	10	9	8
32.5°	27	24	21	19	17	15	13	12	11	10	9
31.25°	29	26	23	20	18	16	14	12	11	10	9
30°	31	27	24	21	19	16	14	13	12	10	9
28.75°	33	29	26	22	19	17	15	14	12	11	10
27.5°	35	31	27	24	21	18	16	14	13	11	10
26.25°	37	33	29	25	22	19	17	15	13	12	10
25°	40	35	30	26	23	20	18	15	14	12	11
23.75°	42	37	32	28	24	21	18	16	14	12	11
22.5°	44	38	34	29	25	22	19	17	14	13	11
21.25°	47	41	35	31	26	23	20	17	15	13	12
20°	49	43	37	32	27	24	20	18	15	14	12
18.75°	51	45	38	33	29	25	21	18	16	14	12
17.5°	53	46	40	35	30	26	22	19	17	14	13
16.25°	55	48	42	36	31	27	23	19	17	15	13
15°	57	50	43	37	32	27	24	20	17	15	13
13.75°	60	51	45	38	33	28	24	20	18	15	13
12.5°	61	53	46	39	34	29	25	21	18	16	14
11.25°	63	54	47	40	35	30	25	22	19	16	14
10°	65	56	48	41	35	30	26	22	19	16	14
8.75°	66	57	49	42	36	31	26	23	19	17	14
7.5°	67	58	50	43	37	32	27	23	19	17	14
6.25°	68	59	51	44	37	32	27	23	20	17	15
5°	69	60	51	44	38	32	27	23	20	17	15
3.75°	70	60	52	45	38	33	28	24	20	17	15
2.5°	70	61	52	45	38	33	28	24	20	17	15
1.25°	70	61	52	45	38	33	28	24	20	17	15
0°	70	61	52	45	38	33	28	24	20	17	15
-1.25°	70	61	52	45	38	33	28	24	20	17	15
-2.5°	70	61	52	45	38	33	28	24	20	17	15
-3.75°	70	60	52	45	38	33	28	24	20	17	15
-5°	69	60	51	44	38	32	27	23	20	17	15
-6.25°	68	59	51	44	37	32	27	23	20	17	15
-7.5°	67	58	50	43	37	32	27	23	19	17	14
-8.75°	66	57	49	42	36	31	26	23	19	17	14
-10°	65	56	48	41	35	30	26	22	19	16	14
-11.25°	63	54	47	40	35	30	25	22	19	16	14
-12.5°	61	53	46	39	34	29	25	21	18	16	14
-13.75°	60	51	45	38	33	28	24	20	18	15	13
-15°	57	50	43	37	32	27	24	20	17	15	13
-16.25°	55	48	42	36	31	27	23	19	17	15	13
-17.5°	53	46	40	35	30	26	22	19	17	14	13
-18.75°	51	45	38	33	29	25	21	18	16	14	12
-20°	49	43	37	32	27	24	20	18	15	14	12
-21.25°	47	41	35	31	26	23	20	17	15	13	12





REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	44	38	34	29	25	22	19	17	14	13	11
-23.75°	42	37	32	28	24	21	18	16	14	12	11
-25°	40	35	30	26	23	20	18	15	14	12	11
-26.25°	37	33	29	25	22	19	17	15	13	12	10
-27.5°	35	31	27	24	21	18	16	14	13	11	10
-28.75°	33	29	26	22	19	17	15	14	12	11	10
-30°	31	27	24	21	19	16	14	13	12	10	9
-31.25°	29	26	23	20	18	16	14	12	11	10	9
-32.5°	27	24	21	19	17	15	13	12	11	10	9
-33.75°	25	22	20	18	16	14	13	11	10	9	8
-35°	23	21	18	17	15	13	12	11	10	9	8
-36.25°	22	19	17	15	14	13	11	10	9	8	7
-37.5°	20	18	16	14	13	12	11	10	9	8	7
-38.75°	19	17	15	14	12	11	10	9	8	8	7
-40°	17	16	14	13	12	11	10	9	8	7	6
-41.25°	16	14	13	12	11	10	9	8	7	7	6
-42.5°	15	14	12	11	10	10	9	8	7	6	5
-43.75°	14	13	12	11	10	9	8	7	6	6	5
-45°	13	12	11	10	9	8	8	7	6	5	5
-46.25°	12	11	10	9	9	8	7	6	6	5	4
-47.5°	11	10	9	9	8	7	6	6	5	5	4
-48.75°	10	9	9	8	7	7	6	5	5	4	4
-50°	9	9	8	7	7	6	5	5	4	4	4
-51.25°	9	8	7	7	6	6	5	5	4	4	4
-52.5°	8	7	7	6	6	5	5	4	4	4	4
-53.75°	7	7	6	6	5	5	4	4	4	4	3
-55°	6	6	5	5	5	4	4	4	4	3	3
-56.25°	6	5	5	5	4	4	4	4	3	3	3
-57.5°	5	5	4	4	4	4	4	3	3	3	3
-58.75°	5	4	4	4	4	4	3	3	3	3	3
-60°	4	4	4	4	4	3	3	3	3	3	3
-61.25°	4	4	4	4	3	3	3	3	3	3	3
-62.5°	4	4	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	2
-66.25°	3	3	3	3	3	3	3	3	3	2	2
-67.5°	3	3	3	3	3	3	3	3	2	2	2
-68.75°	3	3	3	3	3	3	2	2	2	2	2
-70°	3	3	3	3	2	2	2	2	2	2	2
-71.25°	3	3	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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	2	2	2	2	2	1	1	1	1	1
62.5°	3	3	2	2	2	2	2	1	1	1	1
61.25°	3	3	3	2	2	2	2	2	1	1	1
60°	3	3	3	2	2	2	2	2	1	1	1
58.75°	3	3	3	3	2	2	2	2	2	1	1
57.5°	3	3	3	3	3	2	2	2	2	1	1
56.25°	3	3	3	3	3	3	2	2	2	2	1
55°	3	3	3	3	3	3	2	2	2	2	1
53.75°	3	3	3	3	3	3	3	2	2	2	2
52.5°	3	3	3	3	3	3	3	2	2	2	2
51.25°	4	3	3	3	3	3	3	3	2	2	2
50°	4	3	3	3	3	3	3	3	2	2	2
48.75°	4	4	3	3	3	3	3	3	3	2	2
47.5°	4	4	3	3	3	3	3	3	3	2	2
46.25°	4	4	4	3	3	3	3	3	3	2	2
45°	4	4	4	3	3	3	3	3	3	3	2
43.75°	5	4	4	4	3	3	3	3	3	3	2
42.5°	5	4	4	4	3	3	3	3	3	3	2
41.25°	5	5	4	4	4	3	3	3	3	3	2
40°	5	5	4	4	4	3	3	3	3	3	3
38.75°	6	5	4	4	4	3	3	3	3	3	3
37.5°	6	5	5	4	4	4	3	3	3	3	3
36.25°	6	6	5	4	4	4	3	3	3	3	3
35°	7	6	5	4	4	4	3	3	3	3	3



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	7	6	5	5	4	4	4	3	3	3	3
32.5°	8	7	6	5	4	4	4	3	3	3	3
31.25°	8	7	6	5	4	4	4	3	3	3	3
30°	8	7	6	5	5	4	4	3	3	3	3
28.75°	9	8	6	6	5	4	4	3	3	3	3
27.5°	9	8	7	6	5	4	4	4	3	3	3
26.25°	9	8	7	6	5	4	4	4	3	3	3
25°	10	8	7	6	5	5	4	4	3	3	3
23.75°	10	9	8	6	5	5	4	4	3	3	3
22.5°	10	9	8	7	6	5	4	4	3	3	3
21.25°	10	9	8	7	6	5	4	4	3	3	3
20°	11	9	8	7	6	5	4	4	4	3	3
18.75°	11	10	8	7	6	5	4	4	4	3	3
17.5°	11	10	9	7	6	5	4	4	4	3	3
16.25°	11	10	9	8	6	5	5	4	4	3	3
15°	12	10	9	8	7	6	5	4	4	3	3
13.75°	12	10	9	8	7	6	5	4	4	3	3
12.5°	12	11	9	8	7	6	5	4	4	3	3
11.25°	12	11	9	8	7	6	5	4	4	3	3
10°	12	11	10	8	7	6	5	4	4	3	3
8.75°	13	11	10	8	7	6	5	4	4	3	3
7.5°	13	11	10	8	7	6	5	4	4	3	3
6.25°	13	11	10	9	7	6	5	4	4	3	3
5°	13	11	10	9	7	6	5	4	4	3	3
3.75°	13	11	10	9	7	6	5	4	4	3	3
2.5°	13	11	10	9	7	6	5	4	4	3	3
1.25°	13	11	10	9	7	6	5	4	4	3	3
0°	13	11	10	9	7	6	5	4	4	4	3
-1.25°	13	11	10	9	7	6	5	4	4	3	3
-2.5°	13	11	10	9	7	6	5	4	4	3	3
-3.75°	13	11	10	9	7	6	5	4	4	3	3
-5°	13	11	10	9	7	6	5	4	4	3	3
-6.25°	13	11	10	9	7	6	5	4	4	3	3
-7.5°	13	11	10	8	7	6	5	4	4	3	3
-8.75°	13	11	10	8	7	6	5	4	4	3	3
-10°	12	11	10	8	7	6	5	4	4	3	3
-11.25°	12	11	9	8	7	6	5	4	4	3	3
-12.5°	12	11	9	8	7	6	5	4	4	3	3
-13.75°	12	10	9	8	7	6	5	4	4	3	3
-15°	12	10	9	8	7	6	5	4	4	3	3
-16.25°	11	10	9	8	6	5	5	4	4	3	3
-17.5°	11	10	9	7	6	5	4	4	4	3	3
-18.75°	11	10	8	7	6	5	4	4	4	3	3
-20°	11	9	8	7	6	5	4	4	4	3	3
-21.25°	10	9	8	7	6	5	4	4	3	3	3



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	10	9	8	7	6	5	4	4	3	3	3
-23.75°	10	9	8	6	5	5	4	4	3	3	3
-25°	10	8	7	6	5	5	4	4	3	3	3
-26.25°	9	8	7	6	5	4	4	4	3	3	3
-27.5°	9	8	7	6	5	4	4	4	3	3	3
-28.75°	9	8	6	6	5	4	4	3	3	3	3
-30°	8	7	6	5	5	4	4	3	3	3	3
-31.25°	8	7	6	5	4	4	4	3	3	3	3
-32.5°	8	7	6	5	4	4	4	3	3	3	3
-33.75°	7	6	5	5	4	4	4	3	3	3	3
-35°	7	6	5	4	4	4	3	3	3	3	3
-36.25°	6	6	5	4	4	4	3	3	3	3	3
-37.5°	6	5	5	4	4	4	3	3	3	3	3
-38.75°	6	5	4	4	4	3	3	3	3	3	3
-40°	5	5	4	4	4	3	3	3	3	3	3
-41.25°	5	5	4	4	4	3	3	3	3	3	2
-42.5°	5	4	4	4	3	3	3	3	3	3	2
-43.75°	5	4	4	4	3	3	3	3	3	3	2
-45°	4	4	4	3	3	3	3	3	3	3	2
-46.25°	4	4	4	3	3	3	3	3	3	2	2
-47.5°	4	4	3	3	3	3	3	3	3	2	2
-48.75°	4	4	3	3	3	3	3	3	3	2	2
-50°	4	3	3	3	3	3	3	3	2	2	2
-51.25°	4	3	3	3	3	3	3	3	2	2	2
-52.5°	3	3	3	3	3	3	3	2	2	2	2
-53.75°	3	3	3	3	3	3	3	2	2	2	2
-55°	3	3	3	3	3	3	2	2	2	2	1
-56.25°	3	3	3	3	3	3	2	2	2	2	1
-57.5°	3	3	3	3	3	2	2	2	2	1	1
-58.75°	3	3	3	3	2	2	2	2	2	1	1
-60°	3	3	3	2	2	2	2	2	1	1	1
-61.25°	3	3	3	2	2	2	2	2	1	1	1
-62.5°	3	3	2	2	2	2	2	1	1	1	1
-63.75°	3	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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	2	2	1	1	1	1	1	1	0	0



REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	2	2	1	1	1	1	1	1	0	0
32.5°	3	2	2	2	1	1	1	1	1	0	0
31.25°	3	2	2	2	1	1	1	1	1	0	0
30°	3	2	2	2	1	1	1	1	1	0	0
28.75°	3	2	2	2	1	1	1	1	1	0	0
27.5°	3	2	2	2	1	1	1	1	1	0	0
26.25°	3	3	2	2	1	1	1	1	1	0	0
25°	3	3	2	2	1	1	1	1	1	0	0
23.75°	3	3	2	2	1	1	1	1	1	0	0
22.5°	3	3	2	2	1	1	1	1	1	0	0
21.25°	3	3	2	2	1	1	1	1	1	0	0
20°	3	3	2	2	2	1	1	1	1	0	0
18.75°	3	3	2	2	2	1	1	1	1	0	0
17.5°	3	3	2	2	2	1	1	1	1	0	0
16.25°	3	3	2	2	2	1	1	1	1	0	0
15°	3	3	2	2	2	1	1	1	1	0	0
13.75°	3	3	2	2	2	1	1	1	1	0	0
12.5°	3	3	2	2	2	1	1	1	1	0	0
11.25°	3	3	3	2	2	1	1	1	1	0	0
10°	3	3	3	2	2	1	1	1	1	0	0
8.75°	3	3	3	2	2	1	1	1	1	0	0
7.5°	3	3	3	2	2	1	1	1	1	0	0
6.25°	3	3	3	2	2	1	1	1	1	0	0
5°	3	3	3	2	2	1	1	1	1	0	0
3.75°	3	3	3	2	2	1	1	1	1	0	0
2.5°	3	3	3	2	2	1	1	1	1	0	0
1.25°	3	3	3	2	2	1	1	1	1	0	0
0°	3	3	3	2	2	1	1	1	1	0	0
-1.25°	3	3	3	2	2	1	1	1	1	0	0
-2.5°	3	3	3	2	2	1	1	1	1	0	0
-3.75°	3	3	3	2	2	1	1	1	1	0	0
-5°	3	3	3	2	2	1	1	1	1	0	0
-6.25°	3	3	3	2	2	1	1	1	1	0	0
-7.5°	3	3	3	2	2	1	1	1	1	0	0
-8.75°	3	3	3	2	2	1	1	1	1	0	0
-10°	3	3	3	2	2	1	1	1	1	0	0
-11.25°	3	3	3	2	2	1	1	1	1	0	0
-12.5°	3	3	2	2	2	1	1	1	1	0	0
-13.75°	3	3	2	2	2	1	1	1	1	0	0
-15°	3	3	2	2	2	1	1	1	1	0	0
-16.25°	3	3	2	2	2	1	1	1	1	0	0
-17.5°	3	3	2	2	2	1	1	1	1	0	0
-18.75°	3	3	2	2	2	1	1	1	1	0	0
-20°	3	3	2	2	2	1	1	1	1	0	0
-21.25°	3	3	2	2	1	1	1	1	1	0	0





REPORT NUMBER: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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°	3	3	2	2	1	1	1	1	1	0	0
-23.75°	3	3	2	2	1	1	1	1	1	0	0
-25°	3	3	2	2	1	1	1	1	1	0	0
-26.25°	3	3	2	2	1	1	1	1	1	0	0
-27.5°	3	2	2	2	1	1	1	1	1	0	0
-28.75°	3	2	2	2	1	1	1	1	1	0	0
-30°	3	2	2	2	1	1	1	1	1	0	0
-31.25°	3	2	2	2	1	1	1	1	1	0	0
-32.5°	3	2	2	2	1	1	1	1	1	0	0
-33.75°	3	2	2	1	1	1	1	1	1	0	0
-35°	3	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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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: P220395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-W-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)