

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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 3500K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

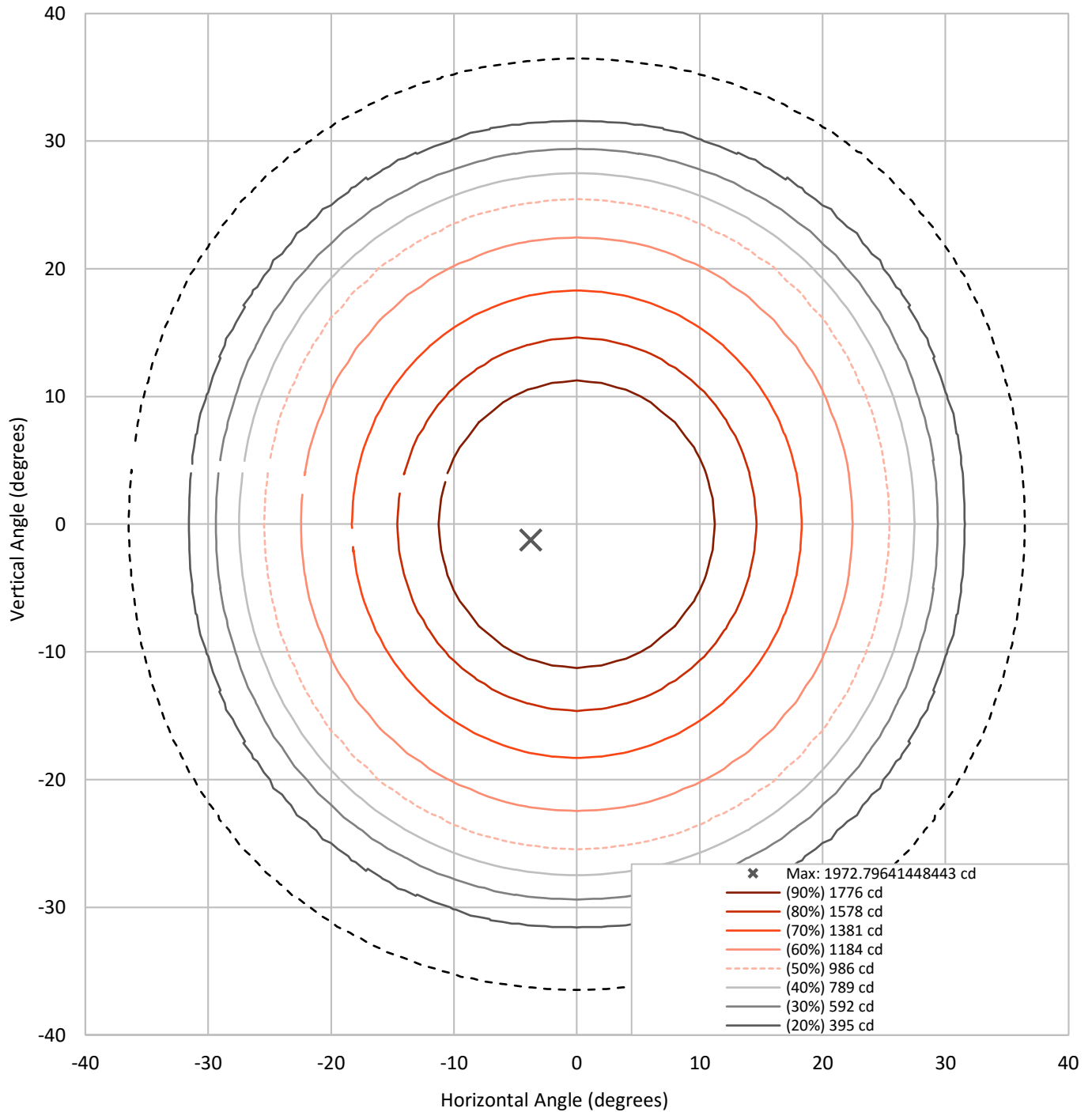
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1316.4 lumens	Max Intensity:	1972.8 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	65.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	886.7 lumens	Field Lumens:	1182.7 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	20.1		
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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-UNV

### Iso-Candela Plot





REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-UNV

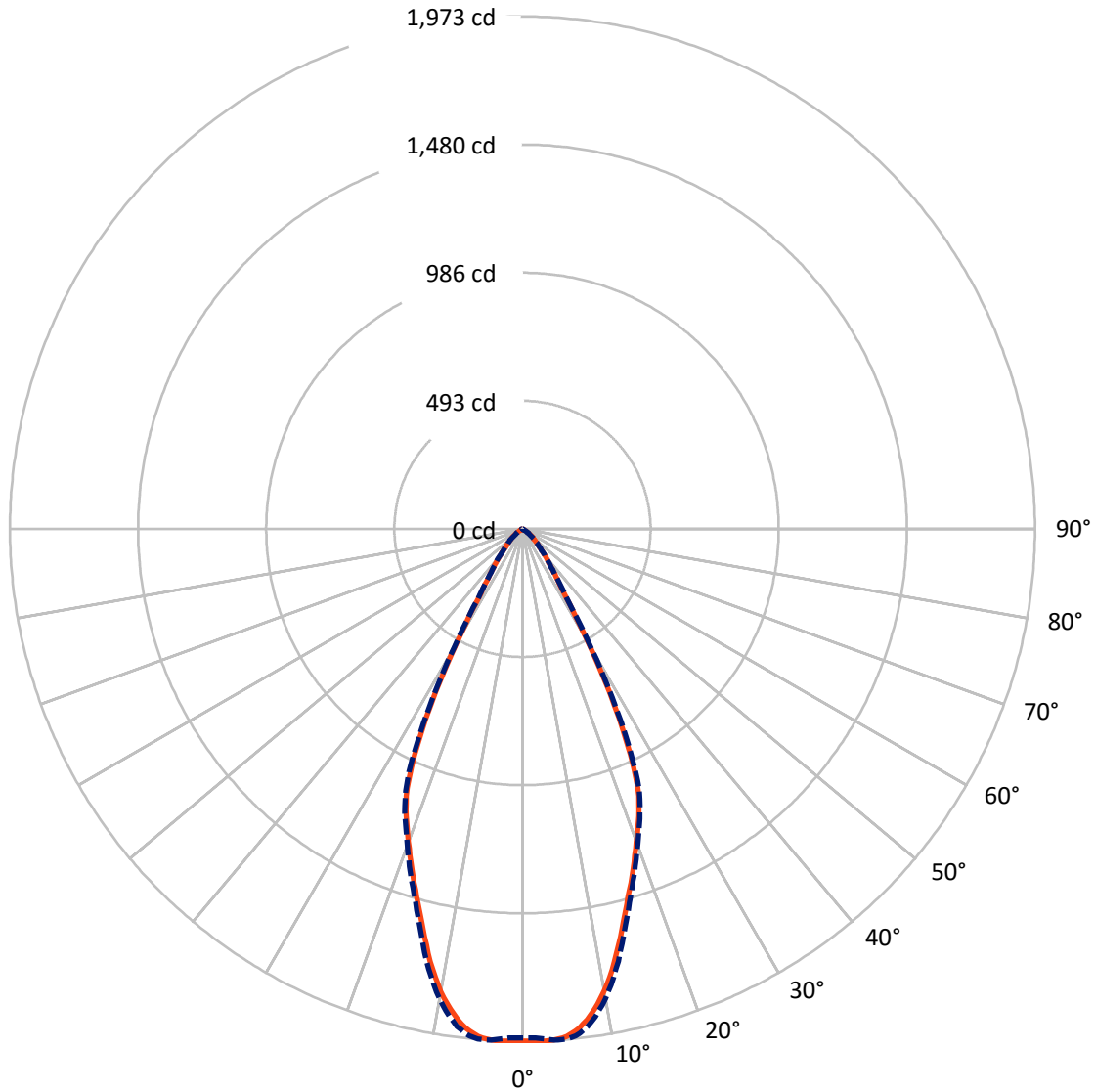
### Lumen Table

90																			
80	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						
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	0.0	0.1	0.1	0.3	0.5	0.7	0.7	0.5	0.3	0.1	0.1	0.0					0.0
50	0.0	0.0	0.1	0.1	0.6	1.4	2.1	2.6	2.6	2.1	1.4	0.6	0.1	0.1	0.0	0.0			
40		0.0	0.1	0.6	1.6	3.1	5.3	7.5	7.5	5.3	3.1	1.6	0.6	0.1	0.0				
30	0.0	0.0	0.2	1.1	2.9	7.4	19.0	28.3	28.3	19.0	7.4	2.9	1.1	0.2	0.0	0.0			
20		0.0	0.3	1.6	4.6	17.9	36.2	45.6	45.6	36.2	17.9	4.6	1.6	0.3	0.0				
10	0.0	0.0	0.4	1.8	6.2	25.9	44.3	57.5	57.5	44.3	25.9	6.2	1.8	0.4	0.0	0.0			
0		0.0	0.4	1.8	6.2	25.9	44.3	57.5	57.5	44.3	25.9	6.2	1.8	0.4	0.0				
-10	0.0	0.0	0.3	1.6	4.6	17.9	36.2	45.6	45.6	36.2	17.9	4.6	1.6	0.3	0.0	0.0			
-20		0.0	0.2	1.1	2.9	7.4	19.0	28.3	28.3	19.0	7.4	2.9	1.1	0.2	0.0				
-30	0.0	0.0	0.1	0.6	1.6	3.1	5.3	7.5	7.5	5.3	3.1	1.6	0.6	0.1	0.0	0.0			
-40		0.0	0.1	0.1	0.6	1.4	2.1	2.6	2.6	2.1	1.4	0.6	0.1	0.1	0.0				
-50	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.7	0.5	0.3	0.1	0.1	0.0	0.0	0.0			
-60		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				
-70																			
-80	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						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-UNV

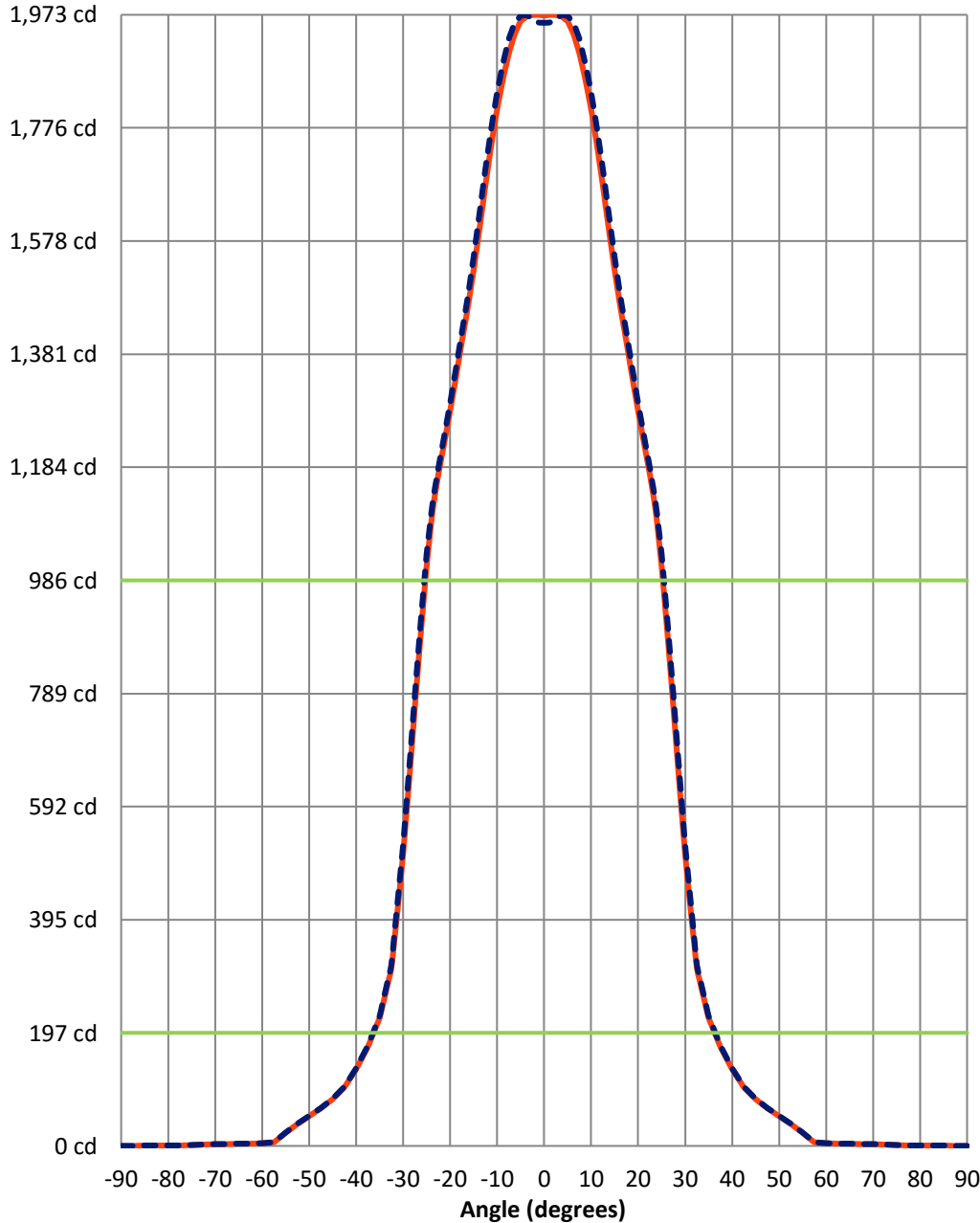
### Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg    - - - Horizontal Distribution Through -1.25-Deg

REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 50.5°  
 Lumens: 886.7  
 Efficiency: 67.4%

**Field:**  
 H Angle: 72.8°  
 V Angle: 72.6°  
 Lumens: 1182.7  
 Efficiency: 89.8%

**Spill:**  
 Lumens: 133.7  
 Efficiency: 10.2%

— Vertical Distribution through -3.75-Deg  
 - - Horizontal Distribution through -1.25-Deg



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0
70°	0	0	0	0	0	0	0	0	0	0	1
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	0	0	1	1
66.25°	0	0	0	0	0	0	0	0	0	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	0	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	0	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	0	1	1	1	1	1
50°	0	0	0	0	0	0	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	1
38.75°	0	0	0	0	0	1	1	1	1	1	1
37.5°	0	0	0	0	0	1	1	1	1	1	1
36.25°	0	0	0	0	0	1	1	1	1	1	1
35°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1





REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-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	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	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	0	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	0	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	0	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	0	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	0
-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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	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	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	2
53.75°	1	1	1	1	1	1	1	1	1	1	2
52.5°	1	1	1	1	1	1	1	1	1	2	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	1	1	1	2	2	2
47.5°	1	1	1	1	1	1	1	2	2	2	2
46.25°	1	1	1	1	1	1	1	2	2	2	2
45°	1	1	1	1	1	1	2	2	2	2	3
43.75°	1	1	1	1	1	1	2	2	2	2	3
42.5°	1	1	1	1	1	1	2	2	2	3	3
41.25°	1	1	1	1	1	2	2	2	2	3	3
40°	1	1	1	1	1	2	2	2	3	3	3
38.75°	1	1	1	1	1	2	2	2	3	3	3
37.5°	1	1	1	1	2	2	2	2	3	3	3
36.25°	1	1	1	1	2	2	2	3	3	3	3
35°	1	1	1	1	2	2	2	3	3	3	3



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	1	1	1	1	2	2	2	3	3	3	3
32.5°	1	1	1	2	2	2	2	3	3	3	3
31.25°	1	1	1	2	2	2	3	3	3	3	3
30°	1	1	1	2	2	2	3	3	3	3	3
28.75°	1	1	1	2	2	2	3	3	3	3	3
27.5°	1	1	1	2	2	2	3	3	3	3	3
26.25°	1	1	1	2	2	3	3	3	3	3	3
25°	1	1	2	2	2	3	3	3	3	3	4
23.75°	1	1	2	2	2	3	3	3	3	3	4
22.5°	1	1	2	2	2	3	3	3	3	3	4
21.25°	1	1	2	2	2	3	3	3	3	3	4
20°	1	1	2	2	2	3	3	3	3	3	4
18.75°	1	1	2	2	2	3	3	3	3	4	4
17.5°	1	1	2	2	3	3	3	3	3	4	4
16.25°	1	1	2	2	3	3	3	3	3	4	4
15°	1	1	2	2	3	3	3	3	3	4	4
13.75°	1	1	2	2	3	3	3	3	3	4	4
12.5°	1	1	2	2	3	3	3	3	3	4	4
11.25°	1	2	2	2	3	3	3	3	3	4	4
10°	1	2	2	2	3	3	3	3	3	4	4
8.75°	1	2	2	2	3	3	3	3	4	4	4
7.5°	1	2	2	2	3	3	3	3	4	4	4
6.25°	1	2	2	2	3	3	3	3	4	4	4
5°	1	2	2	2	3	3	3	3	4	4	4
3.75°	1	2	2	2	3	3	3	3	4	4	4
2.5°	1	2	2	2	3	3	3	3	4	4	4
1.25°	1	2	2	2	3	3	3	3	4	4	4
0°	1	2	2	2	3	3	3	3	4	4	4
-1.25°	1	2	2	2	3	3	3	3	4	4	4
-2.5°	1	2	2	2	3	3	3	3	4	4	4
-3.75°	1	2	2	2	3	3	3	3	4	4	4
-5°	1	2	2	2	3	3	3	3	4	4	4
-6.25°	1	2	2	2	3	3	3	3	4	4	4
-7.5°	1	2	2	2	3	3	3	3	4	4	4
-8.75°	1	2	2	2	3	3	3	3	4	4	4
-10°	1	2	2	2	3	3	3	3	3	4	4
-11.25°	1	2	2	2	3	3	3	3	3	4	4
-12.5°	1	1	2	2	3	3	3	3	3	4	4
-13.75°	1	1	2	2	3	3	3	3	3	4	4
-15°	1	1	2	2	3	3	3	3	3	4	4
-16.25°	1	1	2	2	3	3	3	3	3	4	4
-17.5°	1	1	2	2	3	3	3	3	3	4	4
-18.75°	1	1	2	2	2	3	3	3	3	4	4
-20°	1	1	2	2	2	3	3	3	3	3	4
-21.25°	1	1	2	2	2	3	3	3	3	3	4



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	1	1	2	2	2	3	3	3	3	3	4
-23.75°	1	1	2	2	2	3	3	3	3	3	4
-25°	1	1	2	2	2	3	3	3	3	3	4
-26.25°	1	1	1	2	2	3	3	3	3	3	3
-27.5°	1	1	1	2	2	2	3	3	3	3	3
-28.75°	1	1	1	2	2	2	3	3	3	3	3
-30°	1	1	1	2	2	2	3	3	3	3	3
-31.25°	1	1	1	2	2	2	3	3	3	3	3
-32.5°	1	1	1	2	2	2	2	3	3	3	3
-33.75°	1	1	1	1	2	2	2	3	3	3	3
-35°	1	1	1	1	2	2	2	3	3	3	3
-36.25°	1	1	1	1	2	2	2	3	3	3	3
-37.5°	1	1	1	1	2	2	2	2	3	3	3
-38.75°	1	1	1	1	1	2	2	2	3	3	3
-40°	1	1	1	1	1	2	2	2	3	3	3
-41.25°	1	1	1	1	1	2	2	2	2	3	3
-42.5°	1	1	1	1	1	1	2	2	2	3	3
-43.75°	1	1	1	1	1	1	2	2	2	2	3
-45°	1	1	1	1	1	1	2	2	2	2	3
-46.25°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	2	2	2	2
-48.75°	1	1	1	1	1	1	1	1	2	2	2
-50°	1	1	1	1	1	1	1	1	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	1	1	1	1	1	1	1	1	1	2	2
-53.75°	1	1	1	1	1	1	1	1	1	1	2
-55°	1	1	1	1	1	1	1	1	1	1	2
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-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	0	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	0
82.5°	0	0	0	0	0	1	1	1	1	1	1
81.25°	0	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	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°	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	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	3
60°	1	1	1	2	2	2	2	2	2	3	3
58.75°	1	1	2	2	2	2	2	3	3	3	3
57.5°	1	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
51.25°	2	2	3	3	3	3	3	3	3	3	4
50°	2	3	3	3	3	3	3	3	3	4	4
48.75°	2	3	3	3	3	3	3	3	4	4	4
47.5°	3	3	3	3	3	3	3	4	4	4	4
46.25°	3	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	4	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	4
41.25°	3	3	3	3	4	4	4	4	4	4	4
40°	3	3	3	3	4	4	4	4	4	4	5
38.75°	3	3	3	4	4	4	4	4	4	5	5
37.5°	3	3	3	4	4	4	4	4	4	5	5
36.25°	3	3	4	4	4	4	4	4	5	5	6
35°	3	3	4	4	4	4	4	4	5	5	6



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	3	4	4	4	4	4	4	5	5	6	6
32.5°	3	4	4	4	4	4	4	5	5	6	9
31.25°	3	4	4	4	4	4	5	5	6	6	12
30°	4	4	4	4	4	4	5	5	6	9	15
28.75°	4	4	4	4	4	5	5	6	6	12	19
27.5°	4	4	4	4	4	5	5	6	8	15	22
26.25°	4	4	4	4	4	5	5	6	11	18	25
25°	4	4	4	4	5	5	6	6	13	20	27
23.75°	4	4	4	4	5	5	6	8	16	23	30
22.5°	4	4	4	4	5	5	6	11	18	25	32
21.25°	4	4	4	4	5	6	6	13	20	28	35
20°	4	4	4	5	5	6	7	15	23	30	37
18.75°	4	4	4	5	5	6	9	17	25	32	39
17.5°	4	4	4	5	5	6	11	19	26	34	40
16.25°	4	4	4	5	6	6	13	21	28	35	42
15°	4	4	4	5	6	6	14	22	30	37	44
13.75°	4	4	4	5	6	8	16	24	31	38	45
12.5°	4	4	5	5	6	9	17	25	32	40	46
11.25°	4	4	5	5	6	10	18	26	34	41	47
10°	4	4	5	5	6	11	19	27	35	42	49
8.75°	4	4	5	5	6	12	20	28	36	43	49
7.5°	4	4	5	5	6	13	21	29	36	44	50
6.25°	4	4	5	6	6	13	22	30	37	44	51
5°	4	4	5	6	6	14	22	30	38	45	51
3.75°	4	4	5	6	6	14	23	31	38	45	52
2.5°	4	4	5	6	6	15	23	31	39	45	52
1.25°	4	4	5	6	6	15	23	31	39	46	52
0°	4	4	5	6	7	15	23	31	39	46	53
-1.25°	4	4	5	6	6	15	23	31	39	46	52
-2.5°	4	4	5	6	6	15	23	31	39	45	52
-3.75°	4	4	5	6	6	14	23	31	38	45	52
-5°	4	4	5	6	6	14	22	30	38	45	51
-6.25°	4	4	5	6	6	13	22	30	37	44	51
-7.5°	4	4	5	5	6	13	21	29	36	44	50
-8.75°	4	4	5	5	6	12	20	28	36	43	49
-10°	4	4	5	5	6	11	19	27	35	42	49
-11.25°	4	4	5	5	6	10	18	26	34	41	47
-12.5°	4	4	5	5	6	9	17	25	32	40	46
-13.75°	4	4	4	5	6	8	16	24	31	38	45
-15°	4	4	4	5	6	6	14	22	30	37	44
-16.25°	4	4	4	5	6	6	13	21	28	35	42
-17.5°	4	4	4	5	5	6	11	19	26	34	40
-18.75°	4	4	4	5	5	6	9	17	25	32	39
-20°	4	4	4	5	5	6	7	15	23	30	37
-21.25°	4	4	4	4	5	6	6	13	20	28	35





REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	4	4	4	5	5	6	11	18	25	32
-23.75°	4	4	4	4	5	5	6	8	16	23	30
-25°	4	4	4	4	5	5	6	6	13	20	27
-26.25°	4	4	4	4	4	5	5	6	11	18	25
-27.5°	4	4	4	4	4	5	5	6	8	15	22
-28.75°	4	4	4	4	4	5	5	6	6	12	19
-30°	4	4	4	4	4	4	5	5	6	9	15
-31.25°	3	4	4	4	4	4	5	5	6	6	12
-32.5°	3	4	4	4	4	4	4	5	5	6	9
-33.75°	3	4	4	4	4	4	4	5	5	6	6
-35°	3	3	4	4	4	4	4	4	5	5	6
-36.25°	3	3	4	4	4	4	4	4	5	5	6
-37.5°	3	3	3	4	4	4	4	4	4	5	5
-38.75°	3	3	3	4	4	4	4	4	4	5	5
-40°	3	3	3	3	4	4	4	4	4	4	5
-41.25°	3	3	3	3	4	4	4	4	4	4	4
-42.5°	3	3	3	3	3	4	4	4	4	4	4
-43.75°	3	3	3	3	3	4	4	4	4	4	4
-45°	3	3	3	3	3	3	4	4	4	4	4
-46.25°	3	3	3	3	3	3	3	4	4	4	4
-47.5°	3	3	3	3	3	3	3	4	4	4	4
-48.75°	2	3	3	3	3	3	3	3	4	4	4
-50°	2	3	3	3	3	3	3	3	3	4	4
-51.25°	2	2	3	3	3	3	3	3	3	3	4
-52.5°	2	2	2	3	3	3	3	3	3	3	3
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	1	2	2	2	2	2	3	3	3	3	3
-58.75°	1	1	2	2	2	2	2	3	3	3	3
-60°	1	1	1	2	2	2	2	2	2	3	3
-61.25°	1	1	1	1	2	2	2	2	2	2	3
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	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	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-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°	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	0	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	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°	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	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	2	2
70°	1	1	1	1	1	1	2	2	2	2	2
68.75°	1	1	1	2	2	2	2	2	2	2	2
67.5°	1	2	2	2	2	2	2	2	2	2	3
66.25°	2	2	2	2	2	2	2	3	3	3	3
65°	2	2	2	2	2	3	3	3	3	3	3
63.75°	2	2	2	3	3	3	3	3	3	3	3
62.5°	2	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	4
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	5
51.25°	4	4	4	4	4	4	4	4	5	5	5
50°	4	4	4	4	4	4	4	5	5	5	6
48.75°	4	4	4	4	4	5	5	5	5	6	6
47.5°	4	4	4	4	5	5	5	6	6	6	10
46.25°	4	4	4	5	5	5	6	6	7	12	16
45°	4	4	5	5	5	6	6	9	13	17	22
43.75°	4	5	5	5	6	6	9	14	19	23	27
42.5°	5	5	5	6	6	9	14	19	24	28	33
41.25°	5	5	6	6	9	14	19	24	29	33	38
40°	5	6	6	9	14	19	24	29	34	38	42
38.75°	5	6	7	13	19	24	29	34	39	43	47
37.5°	6	6	12	17	23	28	33	38	43	47	51
36.25°	6	10	16	22	27	33	38	42	47	51	56
35°	8	14	20	26	31	37	42	46	51	55	60

REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	12	18	24	30	35	40	45	50	55	60	64
32.5°	15	22	28	33	39	44	49	54	59	64	69
31.25°	19	25	31	37	42	47	52	58	63	68	73
30°	22	28	34	40	46	51	56	61	66	72	78
28.75°	25	32	38	43	49	54	59	65	70	76	82
27.5°	28	35	41	46	52	57	63	68	74	81	88
26.25°	31	38	43	49	55	60	66	72	78	85	94
25°	34	40	46	52	57	63	69	76	82	91	99
23.75°	36	43	48	54	60	66	73	79	87	96	104
22.5°	39	45	51	57	63	69	76	83	92	100	112
21.25°	41	47	53	59	65	72	79	87	96	106	119
20°	43	49	55	62	68	75	82	91	100	113	126
18.75°	45	51	57	64	71	78	86	95	105	119	133
17.5°	47	53	59	66	73	80	89	99	111	125	140
16.25°	49	55	61	68	75	83	93	102	116	131	147
15°	50	57	63	70	78	86	96	106	121	136	154
13.75°	52	58	65	72	80	89	99	111	126	142	161
12.5°	53	59	66	74	81	91	101	115	130	148	166
11.25°	54	61	68	75	83	93	104	119	134	153	172
10°	55	62	69	77	85	96	107	123	139	158	177
8.75°	56	63	70	78	87	97	110	126	143	162	183
7.5°	57	64	71	79	89	99	112	128	146	165	188
6.25°	58	65	72	80	90	100	115	131	149	168	192
5°	58	65	73	81	91	101	116	132	151	171	195
3.75°	59	66	74	82	92	102	118	134	153	173	198
2.5°	59	66	74	82	92	103	119	135	155	174	200
1.25°	59	66	74	82	93	103	119	136	155	175	201
0°	59	66	74	82	93	104	120	136	156	175	201
-1.25°	59	66	74	82	93	103	119	136	155	175	201
-2.5°	59	66	74	82	92	103	119	135	155	174	200
-3.75°	59	66	74	82	92	102	118	134	153	173	198
-5°	58	65	73	81	91	101	116	132	151	171	195
-6.25°	58	65	72	80	90	100	115	131	149	168	192
-7.5°	57	64	71	79	89	99	112	128	146	165	188
-8.75°	56	63	70	78	87	97	110	126	143	162	183
-10°	55	62	69	77	85	96	107	123	139	158	177
-11.25°	54	61	68	75	83	93	104	119	134	153	172
-12.5°	53	59	66	74	81	91	101	115	130	148	166
-13.75°	52	58	65	72	80	89	99	111	126	142	161
-15°	50	57	63	70	78	86	96	106	121	136	154
-16.25°	49	55	61	68	75	83	93	102	116	131	147
-17.5°	47	53	59	66	73	80	89	99	111	125	140
-18.75°	45	51	57	64	71	78	86	95	105	119	133
-20°	43	49	55	62	68	75	82	91	100	113	126
-21.25°	41	47	53	59	65	72	79	87	96	106	119



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	39	45	51	57	63	69	76	83	92	100	112
-23.75°	36	43	48	54	60	66	73	79	87	96	104
-25°	34	40	46	52	57	63	69	76	82	91	99
-26.25°	31	38	43	49	55	60	66	72	78	85	94
-27.5°	28	35	41	46	52	57	63	68	74	81	88
-28.75°	25	32	38	43	49	54	59	65	70	76	82
-30°	22	28	34	40	46	51	56	61	66	72	78
-31.25°	19	25	31	37	42	47	52	58	63	68	73
-32.5°	15	22	28	33	39	44	49	54	59	64	69
-33.75°	12	18	24	30	35	40	45	50	55	60	64
-35°	8	14	20	26	31	37	42	46	51	55	60
-36.25°	6	10	16	22	27	33	38	42	47	51	56
-37.5°	6	6	12	17	23	28	33	38	43	47	51
-38.75°	5	6	7	13	19	24	29	34	39	43	47
-40°	5	6	6	9	14	19	24	29	34	38	42
-41.25°	5	5	6	6	9	14	19	24	29	33	38
-42.5°	5	5	5	6	6	9	14	19	24	28	33
-43.75°	4	5	5	5	6	6	9	14	19	23	27
-45°	4	4	5	5	5	6	6	9	13	17	22
-46.25°	4	4	4	5	5	5	6	6	7	12	16
-47.5°	4	4	4	4	5	5	5	6	6	6	10
-48.75°	4	4	4	4	4	5	5	5	5	6	6
-50°	4	4	4	4	4	4	4	5	5	5	6
-51.25°	4	4	4	4	4	4	4	4	5	5	5
-52.5°	4	4	4	4	4	4	4	4	4	4	5
-53.75°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	3	3	3	3
-67.5°	1	2	2	2	2	2	2	2	2	2	3
-68.75°	1	1	1	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	2	2
-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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	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	1
73.75°	1	1	1	1	1	1	1	1	2	2	2
72.5°	1	1	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	3	3	3	3
68.75°	2	2	2	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	4	4	4
62.5°	3	3	3	3	4	4	4	4	4	4	4
61.25°	3	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	5	5	5
56.25°	4	4	4	4	4	5	5	5	5	5	5
55°	4	4	4	5	5	5	5	5	6	6	6
53.75°	4	5	5	5	5	6	6	6	6	8	11
52.5°	5	5	5	6	6	6	8	11	13	16	18
51.25°	5	6	6	6	9	12	15	18	20	23	25
50°	6	6	9	12	15	19	22	25	27	30	32
48.75°	8	12	15	19	22	25	28	31	34	36	39
47.5°	14	18	22	25	28	32	35	38	40	43	45
46.25°	20	24	28	31	34	38	41	43	46	48	51
45°	26	30	33	37	40	43	46	49	52	54	57
43.75°	31	35	39	42	46	49	52	55	57	60	63
42.5°	37	40	44	47	51	54	57	60	63	66	69
41.25°	42	45	49	52	56	59	63	66	69	73	76
40°	46	50	54	58	61	65	68	72	76	79	83
38.75°	51	55	59	63	66	70	74	78	82	87	92
37.5°	55	60	64	68	72	76	81	85	91	96	100
36.25°	60	64	69	73	78	82	88	94	99	104	112
35°	64	69	74	79	84	90	96	102	109	117	125







REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	125	139	155	170	189	208	228	261	294	337	410
-23.75°	117	130	144	159	174	193	212	233	265	296	337
-25°	109	122	134	148	163	178	196	214	235	265	294
-26.25°	102	113	125	137	151	165	180	197	214	233	261
-27.5°	96	104	115	127	139	152	166	180	196	212	228
-28.75°	90	98	106	117	128	139	152	165	178	193	208
-30°	84	91	99	107	118	128	139	151	163	174	189
-31.25°	79	85	92	99	107	117	127	137	148	159	170
-32.5°	74	79	85	92	99	106	115	125	134	144	155
-33.75°	69	74	79	85	91	98	104	113	122	130	139
-35°	64	69	74	79	84	90	96	102	109	117	125
-36.25°	60	64	69	73	78	82	88	94	99	104	112
-37.5°	55	60	64	68	72	76	81	85	91	96	100
-38.75°	51	55	59	63	66	70	74	78	82	87	92
-40°	46	50	54	58	61	65	68	72	76	79	83
-41.25°	42	45	49	52	56	59	63	66	69	73	76
-42.5°	37	40	44	47	51	54	57	60	63	66	69
-43.75°	31	35	39	42	46	49	52	55	57	60	63
-45°	26	30	33	37	40	43	46	49	52	54	57
-46.25°	20	24	28	31	34	38	41	43	46	48	51
-47.5°	14	18	22	25	28	32	35	38	40	43	45
-48.75°	8	12	15	19	22	25	28	31	34	36	39
-50°	6	6	9	12	15	19	22	25	27	30	32
-51.25°	5	6	6	6	9	12	15	18	20	23	25
-52.5°	5	5	5	6	6	6	8	11	13	16	18
-53.75°	4	5	5	5	5	6	6	6	6	8	11
-55°	4	4	4	5	5	5	5	5	6	6	6
-56.25°	4	4	4	4	4	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	4	5	5	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°	3	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	4	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	3	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	2	2	2
-75°	1	1	1	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	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	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	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	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	4
65°	3	3	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	4	4	4
60°	4	4	4	4	4	4	4	5	5	5	5
58.75°	4	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	8	9	10	11	12
55°	6	7	9	11	13	14	16	17	18	19	20
53.75°	13	15	17	19	21	22	24	25	26	27	28
52.5°	20	23	25	26	28	30	31	32	34	35	36
51.25°	28	30	32	34	35	37	38	40	41	42	43
50°	35	37	39	40	42	44	45	46	47	49	49
48.75°	41	43	45	47	49	50	52	53	54	55	56
47.5°	47	49	51	53	55	57	58	59	61	62	63
46.25°	53	55	57	59	61	63	65	66	68	69	70
45°	59	62	64	66	68	70	72	74	75	77	78
43.75°	65	68	71	73	75	78	80	81	83	85	87
42.5°	72	75	78	80	83	86	89	91	93	96	97
41.25°	79	82	86	89	93	96	99	101	104	107	110
40°	87	91	95	99	102	106	111	115	119	123	126
38.75°	96	100	105	111	116	121	126	130	134	139	143
37.5°	106	113	119	125	131	136	142	148	153	158	162
36.25°	119	126	133	140	147	154	161	166	172	177	183
35°	133	141	150	158	165	172	180	188	195	202	208



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	148	158	166	175	185	195	204	212	220	226	237
32.5°	165	174	186	197	208	218	227	242	256	269	280
31.25°	182	195	207	219	233	251	268	284	298	311	331
30°	203	216	230	252	272	291	309	336	371	403	432
28.75°	223	244	267	289	310	348	392	432	469	503	534
27.5°	254	280	304	340	391	440	485	527	575	617	657
26.25°	288	315	370	427	480	531	589	643	694	741	783
25°	329	392	453	512	576	641	703	762	815	863	904
23.75°	405	471	536	610	683	752	817	876	929	975	1015
22.5°	480	553	633	713	790	861	925	982	1033	1072	1106
21.25°	559	645	732	815	891	961	1023	1073	1115	1142	1167
20°	645	738	827	910	984	1049	1102	1139	1170	1194	1217
18.75°	732	827	916	996	1064	1119	1157	1188	1217	1244	1269
17.5°	815	910	996	1069	1126	1167	1201	1234	1265	1294	1321
16.25°	891	984	1064	1126	1170	1207	1244	1279	1313	1345	1377
15°	961	1049	1119	1167	1207	1247	1286	1325	1363	1399	1430
13.75°	1023	1102	1157	1201	1244	1286	1329	1372	1412	1447	1483
12.5°	1073	1139	1188	1234	1279	1325	1372	1416	1457	1498	1541
11.25°	1115	1170	1217	1265	1313	1363	1412	1457	1504	1553	1601
10°	1142	1194	1244	1294	1345	1399	1447	1498	1553	1608	1661
8.75°	1167	1217	1269	1321	1377	1430	1483	1541	1601	1661	1717
7.5°	1185	1237	1291	1346	1404	1458	1517	1581	1646	1709	1765
6.25°	1201	1255	1311	1369	1427	1484	1549	1617	1686	1750	1805
5°	1215	1270	1327	1388	1445	1507	1577	1649	1720	1783	1838
3.75°	1226	1282	1341	1403	1462	1527	1599	1675	1746	1808	1861
2.5°	1234	1291	1351	1413	1473	1542	1616	1693	1764	1826	1879
1.25°	1238	1296	1357	1419	1480	1551	1626	1704	1775	1838	1889
0°	1240	1297	1359	1421	1483	1554	1630	1708	1779	1841	1892
-1.25°	1238	1296	1357	1419	1480	1551	1626	1704	1775	1838	1889
-2.5°	1234	1291	1351	1413	1473	1542	1616	1693	1764	1826	1879
-3.75°	1226	1282	1341	1403	1462	1527	1599	1675	1746	1808	1861
-5°	1215	1270	1327	1388	1445	1507	1577	1649	1720	1783	1838
-6.25°	1201	1255	1311	1369	1427	1484	1549	1617	1686	1750	1805
-7.5°	1185	1237	1291	1346	1404	1458	1517	1581	1646	1709	1765
-8.75°	1167	1217	1269	1321	1377	1430	1483	1541	1601	1661	1717
-10°	1142	1194	1244	1294	1345	1399	1447	1498	1553	1608	1661
-11.25°	1115	1170	1217	1265	1313	1363	1412	1457	1504	1553	1601
-12.5°	1073	1139	1188	1234	1279	1325	1372	1416	1457	1498	1541
-13.75°	1023	1102	1157	1201	1244	1286	1329	1372	1412	1447	1483
-15°	961	1049	1119	1167	1207	1247	1286	1325	1363	1399	1430
-16.25°	891	984	1064	1126	1170	1207	1244	1279	1313	1345	1377
-17.5°	815	910	996	1069	1126	1167	1201	1234	1265	1294	1321
-18.75°	732	827	916	996	1064	1119	1157	1188	1217	1244	1269
-20°	645	738	827	910	984	1049	1102	1139	1170	1194	1217
-21.25°	559	645	732	815	891	961	1023	1073	1115	1142	1167



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	480	553	633	713	790	861	925	982	1033	1072	1106
-23.75°	405	471	536	610	683	752	817	876	929	975	1015
-25°	329	392	453	512	576	641	703	762	815	863	904
-26.25°	288	315	370	427	480	531	589	643	694	741	783
-27.5°	254	280	304	340	391	440	485	527	575	617	657
-28.75°	223	244	267	289	310	348	392	432	469	503	534
-30°	203	216	230	252	272	291	309	336	371	403	432
-31.25°	182	195	207	219	233	251	268	284	298	311	331
-32.5°	165	174	186	197	208	218	227	242	256	269	280
-33.75°	148	158	166	175	185	195	204	212	220	226	237
-35°	133	141	150	158	165	172	180	188	195	202	208
-36.25°	119	126	133	140	147	154	161	166	172	177	183
-37.5°	106	113	119	125	131	136	142	148	153	158	162
-38.75°	96	100	105	111	116	121	126	130	134	139	143
-40°	87	91	95	99	102	106	111	115	119	123	126
-41.25°	79	82	86	89	93	96	99	101	104	107	110
-42.5°	72	75	78	80	83	86	89	91	93	96	97
-43.75°	65	68	71	73	75	78	80	81	83	85	87
-45°	59	62	64	66	68	70	72	74	75	77	78
-46.25°	53	55	57	59	61	63	65	66	68	69	70
-47.5°	47	49	51	53	55	57	58	59	61	62	63
-48.75°	41	43	45	47	49	50	52	53	54	55	56
-50°	35	37	39	40	42	44	45	46	47	49	49
-51.25°	28	30	32	34	35	37	38	40	41	42	43
-52.5°	20	23	25	26	28	30	31	32	34	35	36
-53.75°	13	15	17	19	21	22	24	25	26	27	28
-55°	6	7	9	11	13	14	16	17	18	19	20
-56.25°	6	6	6	6	6	6	8	9	10	11	12
-57.5°	5	5	5	5	6	6	6	6	6	6	6
-58.75°	4	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	4	5	5	5	5
-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°	3	3	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	4
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-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°	2	2	2	3	3	3	3	3	3	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°	1	1	1	1	1	1	1	1	2	2	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	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	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	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	3	3
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	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	6	6	6	6	6	6	6	6	6	6
57.5°	6	6	6	6	6	6	7	6	6	6	6
56.25°	13	13	14	14	15	15	15	15	15	14	14
55°	21	22	22	23	23	23	23	23	23	23	22
53.75°	29	30	30	31	31	31	31	31	31	31	30
52.5°	36	37	38	38	39	39	39	39	39	38	38
51.25°	44	44	45	45	45	46	46	46	45	45	45
50°	50	51	51	52	52	52	53	52	52	52	51
48.75°	57	58	58	59	59	59	59	59	59	59	58
47.5°	64	65	65	66	66	66	66	66	66	66	65
46.25°	71	72	73	74	74	74	74	74	74	74	73
45°	79	80	81	82	82	82	82	82	82	82	81
43.75°	89	90	91	92	92	93	93	93	92	92	91
42.5°	99	100	101	102	103	103	104	103	103	102	101
41.25°	112	115	116	118	119	119	120	119	119	118	116
40°	128	131	132	134	135	136	136	136	135	134	132
38.75°	146	149	151	153	155	155	156	155	155	153	151
37.5°	165	168	171	173	174	175	175	175	174	173	171
36.25°	188	192	195	198	200	201	201	201	200	198	195
35°	213	217	221	223	225	227	227	227	225	223	221

REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	246	254	260	265	269	271	272	271	269	265	260
32.5°	290	298	305	310	314	316	317	316	314	310	305
31.25°	355	375	392	405	415	420	422	420	415	405	392
30°	457	478	496	510	520	526	528	526	520	510	496
28.75°	566	593	616	633	647	655	657	655	647	633	616
27.5°	692	721	746	765	779	787	790	787	779	765	746
26.25°	819	850	874	893	907	915	918	915	907	893	874
25°	940	969	993	1011	1025	1033	1036	1033	1025	1011	993
23.75°	1047	1072	1093	1109	1117	1122	1124	1122	1117	1109	1093
22.5°	1128	1146	1161	1171	1178	1183	1184	1183	1178	1171	1161
21.25°	1185	1201	1215	1226	1234	1238	1240	1238	1234	1226	1215
20°	1237	1255	1270	1282	1291	1296	1297	1296	1291	1282	1270
18.75°	1291	1311	1327	1341	1351	1357	1359	1357	1351	1341	1327
17.5°	1346	1369	1388	1403	1413	1419	1421	1419	1413	1403	1388
16.25°	1404	1427	1445	1462	1473	1480	1483	1480	1473	1462	1445
15°	1458	1484	1507	1527	1542	1551	1554	1551	1542	1527	1507
13.75°	1517	1549	1577	1599	1616	1626	1630	1626	1616	1599	1577
12.5°	1581	1617	1649	1675	1693	1704	1708	1704	1693	1675	1649
11.25°	1646	1686	1720	1746	1764	1775	1779	1775	1764	1746	1720
10°	1709	1750	1783	1808	1826	1838	1841	1838	1826	1808	1783
8.75°	1765	1805	1838	1861	1879	1889	1892	1889	1879	1861	1838
7.5°	1812	1852	1882	1906	1923	1931	1934	1931	1923	1906	1882
6.25°	1852	1889	1920	1940	1953	1959	1961	1959	1953	1940	1920
5°	1882	1920	1946	1961	1968	1971	1972	1971	1968	1961	1946
3.75°	1906	1940	1961	1970	1972	1973	1972	1973	1972	1970	1961
2.5°	1923	1953	1968	1972	1970	1965	1963	1965	1970	1972	1968
1.25°	1931	1959	1971	1973	1965	1959	1959	1959	1965	1973	1971
0°	1934	1961	1972	1972	1963	1959	1964	1959	1963	1972	1972
-1.25°	1931	1959	1971	1973	1965	1959	1959	1959	1965	1973	1971
-2.5°	1923	1953	1968	1972	1970	1965	1963	1965	1970	1972	1968
-3.75°	1906	1940	1961	1970	1972	1973	1972	1973	1972	1970	1961
-5°	1882	1920	1946	1961	1968	1971	1972	1971	1968	1961	1946
-6.25°	1852	1889	1920	1940	1953	1959	1961	1959	1953	1940	1920
-7.5°	1812	1852	1882	1906	1923	1931	1934	1931	1923	1906	1882
-8.75°	1765	1805	1838	1861	1879	1889	1892	1889	1879	1861	1838
-10°	1709	1750	1783	1808	1826	1838	1841	1838	1826	1808	1783
-11.25°	1646	1686	1720	1746	1764	1775	1779	1775	1764	1746	1720
-12.5°	1581	1617	1649	1675	1693	1704	1708	1704	1693	1675	1649
-13.75°	1517	1549	1577	1599	1616	1626	1630	1626	1616	1599	1577
-15°	1458	1484	1507	1527	1542	1551	1554	1551	1542	1527	1507
-16.25°	1404	1427	1445	1462	1473	1480	1483	1480	1473	1462	1445
-17.5°	1346	1369	1388	1403	1413	1419	1421	1419	1413	1403	1388
-18.75°	1291	1311	1327	1341	1351	1357	1359	1357	1351	1341	1327
-20°	1237	1255	1270	1282	1291	1296	1297	1296	1291	1282	1270
-21.25°	1185	1201	1215	1226	1234	1238	1240	1238	1234	1226	1215





REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	1128	1146	1161	1171	1178	1183	1184	1183	1178	1171	1161
-23.75°	1047	1072	1093	1109	1117	1122	1124	1122	1117	1109	1093
-25°	940	969	993	1011	1025	1033	1036	1033	1025	1011	993
-26.25°	819	850	874	893	907	915	918	915	907	893	874
-27.5°	692	721	746	765	779	787	790	787	779	765	746
-28.75°	566	593	616	633	647	655	657	655	647	633	616
-30°	457	478	496	510	520	526	528	526	520	510	496
-31.25°	355	375	392	405	415	420	422	420	415	405	392
-32.5°	290	298	305	310	314	316	317	316	314	310	305
-33.75°	246	254	260	265	269	271	272	271	269	265	260
-35°	213	217	221	223	225	227	227	227	225	223	221
-36.25°	188	192	195	198	200	201	201	201	200	198	195
-37.5°	165	168	171	173	174	175	175	175	174	173	171
-38.75°	146	149	151	153	155	155	156	155	155	153	151
-40°	128	131	132	134	135	136	136	136	135	134	132
-41.25°	112	115	116	118	119	119	120	119	119	118	116
-42.5°	99	100	101	102	103	103	104	103	103	102	101
-43.75°	89	90	91	92	92	93	93	93	92	92	91
-45°	79	80	81	82	82	82	82	82	82	82	81
-46.25°	71	72	73	74	74	74	74	74	74	74	73
-47.5°	64	65	65	66	66	66	66	66	66	66	65
-48.75°	57	58	58	59	59	59	59	59	59	59	58
-50°	50	51	51	52	52	52	53	52	52	52	51
-51.25°	44	44	45	45	45	46	46	46	45	45	45
-52.5°	36	37	38	38	39	39	39	39	39	38	38
-53.75°	29	30	30	31	31	31	31	31	31	31	30
-55°	21	22	22	23	23	23	23	23	23	23	22
-56.25°	13	13	14	14	15	15	15	15	15	14	14
-57.5°	6	6	6	6	6	6	7	6	6	6	6
-58.75°	5	6	6	6	6	6	6	6	6	6	6
-60°	5	5	5	5	5	5	5	5	5	5	5
-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	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-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	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	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	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	2	2	1	1	1	1	1	1
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	3	3	3	3	3	3	2
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	3	3
66.25°	4	4	4	3	3	3	3	3	3	3	3
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	4	4	4
60°	5	5	5	5	5	5	4	4	4	4	4
58.75°	6	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	5	5
56.25°	13	13	12	11	10	9	8	6	6	6	6
55°	22	21	20	19	18	17	16	14	13	11	9
53.75°	30	29	28	27	26	25	24	22	21	19	17
52.5°	37	36	36	35	34	32	31	30	28	26	25
51.25°	44	44	43	42	41	40	38	37	35	34	32
50°	51	50	49	49	47	46	45	44	42	40	39
48.75°	58	57	56	55	54	53	52	50	49	47	45
47.5°	65	64	63	62	61	59	58	57	55	53	51
46.25°	72	71	70	69	68	66	65	63	61	59	57
45°	80	79	78	77	75	74	72	70	68	66	64
43.75°	90	89	87	85	83	81	80	78	75	73	71
42.5°	100	99	97	96	93	91	89	86	83	80	78
41.25°	115	112	110	107	104	101	99	96	93	89	86
40°	131	128	126	123	119	115	111	106	102	99	95
38.75°	149	146	143	139	134	130	126	121	116	111	105
37.5°	168	165	162	158	153	148	142	136	131	125	119
36.25°	192	188	183	177	172	166	161	154	147	140	133
35°	217	213	208	202	195	188	180	172	165	158	150



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	254	246	237	226	220	212	204	195	185	175	166
32.5°	298	290	280	269	256	242	227	218	208	197	186
31.25°	375	355	331	311	298	284	268	251	233	219	207
30°	478	457	432	403	371	336	309	291	272	252	230
28.75°	593	566	534	503	469	432	392	348	310	289	267
27.5°	721	692	657	617	575	527	485	440	391	340	304
26.25°	850	819	783	741	694	643	589	531	480	427	370
25°	969	940	904	863	815	762	703	641	576	512	453
23.75°	1072	1047	1015	975	929	876	817	752	683	610	536
22.5°	1146	1128	1106	1072	1033	982	925	861	790	713	633
21.25°	1201	1185	1167	1142	1115	1073	1023	961	891	815	732
20°	1255	1237	1217	1194	1170	1139	1102	1049	984	910	827
18.75°	1311	1291	1269	1244	1217	1188	1157	1119	1064	996	916
17.5°	1369	1346	1321	1294	1265	1234	1201	1167	1126	1069	996
16.25°	1427	1404	1377	1345	1313	1279	1244	1207	1170	1126	1064
15°	1484	1458	1430	1399	1363	1325	1286	1247	1207	1167	1119
13.75°	1549	1517	1483	1447	1412	1372	1329	1286	1244	1201	1157
12.5°	1617	1581	1541	1498	1457	1416	1372	1325	1279	1234	1188
11.25°	1686	1646	1601	1553	1504	1457	1412	1363	1313	1265	1217
10°	1750	1709	1661	1608	1553	1498	1447	1399	1345	1294	1244
8.75°	1805	1765	1717	1661	1601	1541	1483	1430	1377	1321	1269
7.5°	1852	1812	1765	1709	1646	1581	1517	1458	1404	1346	1291
6.25°	1889	1852	1805	1750	1686	1617	1549	1484	1427	1369	1311
5°	1920	1882	1838	1783	1720	1649	1577	1507	1445	1388	1327
3.75°	1940	1906	1861	1808	1746	1675	1599	1527	1462	1403	1341
2.5°	1953	1923	1879	1826	1764	1693	1616	1542	1473	1413	1351
1.25°	1959	1931	1889	1838	1775	1704	1626	1551	1480	1419	1357
0°	1961	1934	1892	1841	1779	1708	1630	1554	1483	1421	1359
-1.25°	1959	1931	1889	1838	1775	1704	1626	1551	1480	1419	1357
-2.5°	1953	1923	1879	1826	1764	1693	1616	1542	1473	1413	1351
-3.75°	1940	1906	1861	1808	1746	1675	1599	1527	1462	1403	1341
-5°	1920	1882	1838	1783	1720	1649	1577	1507	1445	1388	1327
-6.25°	1889	1852	1805	1750	1686	1617	1549	1484	1427	1369	1311
-7.5°	1852	1812	1765	1709	1646	1581	1517	1458	1404	1346	1291
-8.75°	1805	1765	1717	1661	1601	1541	1483	1430	1377	1321	1269
-10°	1750	1709	1661	1608	1553	1498	1447	1399	1345	1294	1244
-11.25°	1686	1646	1601	1553	1504	1457	1412	1363	1313	1265	1217
-12.5°	1617	1581	1541	1498	1457	1416	1372	1325	1279	1234	1188
-13.75°	1549	1517	1483	1447	1412	1372	1329	1286	1244	1201	1157
-15°	1484	1458	1430	1399	1363	1325	1286	1247	1207	1167	1119
-16.25°	1427	1404	1377	1345	1313	1279	1244	1207	1170	1126	1064
-17.5°	1369	1346	1321	1294	1265	1234	1201	1167	1126	1069	996
-18.75°	1311	1291	1269	1244	1217	1188	1157	1119	1064	996	916
-20°	1255	1237	1217	1194	1170	1139	1102	1049	984	910	827
-21.25°	1201	1185	1167	1142	1115	1073	1023	961	891	815	732



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	1146	1128	1106	1072	1033	982	925	861	790	713	633
-23.75°	1072	1047	1015	975	929	876	817	752	683	610	536
-25°	969	940	904	863	815	762	703	641	576	512	453
-26.25°	850	819	783	741	694	643	589	531	480	427	370
-27.5°	721	692	657	617	575	527	485	440	391	340	304
-28.75°	593	566	534	503	469	432	392	348	310	289	267
-30°	478	457	432	403	371	336	309	291	272	252	230
-31.25°	375	355	331	311	298	284	268	251	233	219	207
-32.5°	298	290	280	269	256	242	227	218	208	197	186
-33.75°	254	246	237	226	220	212	204	195	185	175	166
-35°	217	213	208	202	195	188	180	172	165	158	150
-36.25°	192	188	183	177	172	166	161	154	147	140	133
-37.5°	168	165	162	158	153	148	142	136	131	125	119
-38.75°	149	146	143	139	134	130	126	121	116	111	105
-40°	131	128	126	123	119	115	111	106	102	99	95
-41.25°	115	112	110	107	104	101	99	96	93	89	86
-42.5°	100	99	97	96	93	91	89	86	83	80	78
-43.75°	90	89	87	85	83	81	80	78	75	73	71
-45°	80	79	78	77	75	74	72	70	68	66	64
-46.25°	72	71	70	69	68	66	65	63	61	59	57
-47.5°	65	64	63	62	61	59	58	57	55	53	51
-48.75°	58	57	56	55	54	53	52	50	49	47	45
-50°	51	50	49	49	47	46	45	44	42	40	39
-51.25°	44	44	43	42	41	40	38	37	35	34	32
-52.5°	37	36	36	35	34	32	31	30	28	26	25
-53.75°	30	29	28	27	26	25	24	22	21	19	17
-55°	22	21	20	19	18	17	16	14	13	11	9
-56.25°	13	13	12	11	10	9	8	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	5	5
-58.75°	6	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	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	4	4
-66.25°	4	4	4	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-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	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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	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	1
73.75°	2	2	2	2	2	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	3	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	3	3
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°	5	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	4	4	4	4	4	4
56.25°	6	6	5	5	5	5	5	5	4	4	4
55°	7	6	6	6	6	5	5	5	5	5	4
53.75°	15	13	11	8	6	6	6	6	5	5	5
52.5°	23	20	18	16	13	11	8	6	6	6	5
51.25°	30	28	25	23	20	18	15	12	9	6	6
50°	37	35	32	30	27	25	22	19	15	12	9
48.75°	43	41	39	36	34	31	28	25	22	19	15
47.5°	49	47	45	43	40	38	35	32	28	25	22
46.25°	55	53	51	48	46	43	41	38	34	31	28
45°	62	59	57	54	52	49	46	43	40	37	33
43.75°	68	65	63	60	57	55	52	49	46	42	39
42.5°	75	72	69	66	63	60	57	54	51	47	44
41.25°	82	79	76	73	69	66	63	59	56	52	49
40°	91	87	83	79	76	72	68	65	61	58	54
38.75°	100	96	92	87	82	78	74	70	66	63	59
37.5°	113	106	100	96	91	85	81	76	72	68	64
36.25°	126	119	112	104	99	94	88	82	78	73	69
35°	141	133	125	117	109	102	96	90	84	79	74



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	158	148	139	130	122	113	104	98	91	85	79
32.5°	174	165	155	144	134	125	115	106	99	92	85
31.25°	195	182	170	159	148	137	127	117	107	99	92
30°	216	203	189	174	163	151	139	128	118	107	99
28.75°	244	223	208	193	178	165	152	139	128	117	106
27.5°	280	254	228	212	196	180	166	152	139	127	115
26.25°	315	288	261	233	214	197	180	165	151	137	125
25°	392	329	294	265	235	214	196	178	163	148	134
23.75°	471	405	337	296	265	233	212	193	174	159	144
22.5°	553	480	410	337	294	261	228	208	189	170	155
21.25°	645	559	480	405	329	288	254	223	203	182	165
20°	738	645	553	471	392	315	280	244	216	195	174
18.75°	827	732	633	536	453	370	304	267	230	207	186
17.5°	910	815	713	610	512	427	340	289	252	219	197
16.25°	984	891	790	683	576	480	391	310	272	233	208
15°	1049	961	861	752	641	531	440	348	291	251	218
13.75°	1102	1023	925	817	703	589	485	392	309	268	227
12.5°	1139	1073	982	876	762	643	527	432	336	284	242
11.25°	1170	1115	1033	929	815	694	575	469	371	298	256
10°	1194	1142	1072	975	863	741	617	503	403	311	269
8.75°	1217	1167	1106	1015	904	783	657	534	432	331	280
7.5°	1237	1185	1128	1047	940	819	692	566	457	355	290
6.25°	1255	1201	1146	1072	969	850	721	593	478	375	298
5°	1270	1215	1161	1093	993	874	746	616	496	392	305
3.75°	1282	1226	1171	1109	1011	893	765	633	510	405	310
2.5°	1291	1234	1178	1117	1025	907	779	647	520	415	314
1.25°	1296	1238	1183	1122	1033	915	787	655	526	420	316
0°	1297	1240	1184	1124	1036	918	790	657	528	422	317
-1.25°	1296	1238	1183	1122	1033	915	787	655	526	420	316
-2.5°	1291	1234	1178	1117	1025	907	779	647	520	415	314
-3.75°	1282	1226	1171	1109	1011	893	765	633	510	405	310
-5°	1270	1215	1161	1093	993	874	746	616	496	392	305
-6.25°	1255	1201	1146	1072	969	850	721	593	478	375	298
-7.5°	1237	1185	1128	1047	940	819	692	566	457	355	290
-8.75°	1217	1167	1106	1015	904	783	657	534	432	331	280
-10°	1194	1142	1072	975	863	741	617	503	403	311	269
-11.25°	1170	1115	1033	929	815	694	575	469	371	298	256
-12.5°	1139	1073	982	876	762	643	527	432	336	284	242
-13.75°	1102	1023	925	817	703	589	485	392	309	268	227
-15°	1049	961	861	752	641	531	440	348	291	251	218
-16.25°	984	891	790	683	576	480	391	310	272	233	208
-17.5°	910	815	713	610	512	427	340	289	252	219	197
-18.75°	827	732	633	536	453	370	304	267	230	207	186
-20°	738	645	553	471	392	315	280	244	216	195	174
-21.25°	645	559	480	405	329	288	254	223	203	182	165





REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	553	480	410	337	294	261	228	208	189	170	155
-23.75°	471	405	337	296	265	233	212	193	174	159	144
-25°	392	329	294	265	235	214	196	178	163	148	134
-26.25°	315	288	261	233	214	197	180	165	151	137	125
-27.5°	280	254	228	212	196	180	166	152	139	127	115
-28.75°	244	223	208	193	178	165	152	139	128	117	106
-30°	216	203	189	174	163	151	139	128	118	107	99
-31.25°	195	182	170	159	148	137	127	117	107	99	92
-32.5°	174	165	155	144	134	125	115	106	99	92	85
-33.75°	158	148	139	130	122	113	104	98	91	85	79
-35°	141	133	125	117	109	102	96	90	84	79	74
-36.25°	126	119	112	104	99	94	88	82	78	73	69
-37.5°	113	106	100	96	91	85	81	76	72	68	64
-38.75°	100	96	92	87	82	78	74	70	66	63	59
-40°	91	87	83	79	76	72	68	65	61	58	54
-41.25°	82	79	76	73	69	66	63	59	56	52	49
-42.5°	75	72	69	66	63	60	57	54	51	47	44
-43.75°	68	65	63	60	57	55	52	49	46	42	39
-45°	62	59	57	54	52	49	46	43	40	37	33
-46.25°	55	53	51	48	46	43	41	38	34	31	28
-47.5°	49	47	45	43	40	38	35	32	28	25	22
-48.75°	43	41	39	36	34	31	28	25	22	19	15
-50°	37	35	32	30	27	25	22	19	15	12	9
-51.25°	30	28	25	23	20	18	15	12	9	6	6
-52.5°	23	20	18	16	13	11	8	6	6	6	5
-53.75°	15	13	11	8	6	6	6	6	5	5	5
-55°	7	6	6	6	6	5	5	5	5	5	4
-56.25°	6	6	5	5	5	5	5	5	4	4	4
-57.5°	5	5	5	5	5	4	4	4	4	4	4
-58.75°	5	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	3	3
-63.75°	4	4	4	4	4	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	2
-70°	3	3	3	3	3	3	2	2	2	2	2
-71.25°	2	2	2	2	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	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	0	0	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°	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	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°	2	2	2	2	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	1
67.5°	3	3	3	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	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	4	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	5	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	4	4	4	4	4	4	4	4
51.25°	6	5	5	5	5	4	4	4	4	4	4
50°	6	6	6	5	5	5	4	4	4	4	4
48.75°	12	8	6	6	5	5	5	5	4	4	4
47.5°	18	14	10	6	6	6	5	5	5	4	4
46.25°	24	20	16	12	7	6	6	5	5	5	4
45°	30	26	22	17	13	9	6	6	5	5	5
43.75°	35	31	27	23	19	14	9	6	6	5	5
42.5°	40	37	33	28	24	19	14	9	6	6	5
41.25°	45	42	38	33	29	24	19	14	9	6	6
40°	50	46	42	38	34	29	24	19	14	9	6
38.75°	55	51	47	43	39	34	29	24	19	13	7
37.5°	60	55	51	47	43	38	33	28	23	17	12
36.25°	64	60	56	51	47	42	38	33	27	22	16
35°	69	64	60	55	51	46	42	37	31	26	20



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	74	69	64	60	55	50	45	40	35	30	24
32.5°	79	74	69	64	59	54	49	44	39	33	28
31.25°	85	79	73	68	63	58	52	47	42	37	31
30°	91	84	78	72	66	61	56	51	46	40	34
28.75°	98	90	82	76	70	65	59	54	49	43	38
27.5°	104	96	88	81	74	68	63	57	52	46	41
26.25°	113	102	94	85	78	72	66	60	55	49	43
25°	122	109	99	91	82	76	69	63	57	52	46
23.75°	130	117	104	96	87	79	73	66	60	54	48
22.5°	139	125	112	100	92	83	76	69	63	57	51
21.25°	148	133	119	106	96	87	79	72	65	59	53
20°	158	141	126	113	100	91	82	75	68	62	55
18.75°	166	150	133	119	105	95	86	78	71	64	57
17.5°	175	158	140	125	111	99	89	80	73	66	59
16.25°	185	165	147	131	116	102	93	83	75	68	61
15°	195	172	154	136	121	106	96	86	78	70	63
13.75°	204	180	161	142	126	111	99	89	80	72	65
12.5°	212	188	166	148	130	115	101	91	81	74	66
11.25°	220	195	172	153	134	119	104	93	83	75	68
10°	226	202	177	158	139	123	107	96	85	77	69
8.75°	237	208	183	162	143	126	110	97	87	78	70
7.5°	246	213	188	165	146	128	112	99	89	79	71
6.25°	254	217	192	168	149	131	115	100	90	80	72
5°	260	221	195	171	151	132	116	101	91	81	73
3.75°	265	223	198	173	153	134	118	102	92	82	74
2.5°	269	225	200	174	155	135	119	103	92	82	74
1.25°	271	227	201	175	155	136	119	103	93	82	74
0°	272	227	201	175	156	136	120	104	93	82	74
-1.25°	271	227	201	175	155	136	119	103	93	82	74
-2.5°	269	225	200	174	155	135	119	103	92	82	74
-3.75°	265	223	198	173	153	134	118	102	92	82	74
-5°	260	221	195	171	151	132	116	101	91	81	73
-6.25°	254	217	192	168	149	131	115	100	90	80	72
-7.5°	246	213	188	165	146	128	112	99	89	79	71
-8.75°	237	208	183	162	143	126	110	97	87	78	70
-10°	226	202	177	158	139	123	107	96	85	77	69
-11.25°	220	195	172	153	134	119	104	93	83	75	68
-12.5°	212	188	166	148	130	115	101	91	81	74	66
-13.75°	204	180	161	142	126	111	99	89	80	72	65
-15°	195	172	154	136	121	106	96	86	78	70	63
-16.25°	185	165	147	131	116	102	93	83	75	68	61
-17.5°	175	158	140	125	111	99	89	80	73	66	59
-18.75°	166	150	133	119	105	95	86	78	71	64	57
-20°	158	141	126	113	100	91	82	75	68	62	55
-21.25°	148	133	119	106	96	87	79	72	65	59	53



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	139	125	112	100	92	83	76	69	63	57	51
-23.75°	130	117	104	96	87	79	73	66	60	54	48
-25°	122	109	99	91	82	76	69	63	57	52	46
-26.25°	113	102	94	85	78	72	66	60	55	49	43
-27.5°	104	96	88	81	74	68	63	57	52	46	41
-28.75°	98	90	82	76	70	65	59	54	49	43	38
-30°	91	84	78	72	66	61	56	51	46	40	34
-31.25°	85	79	73	68	63	58	52	47	42	37	31
-32.5°	79	74	69	64	59	54	49	44	39	33	28
-33.75°	74	69	64	60	55	50	45	40	35	30	24
-35°	69	64	60	55	51	46	42	37	31	26	20
-36.25°	64	60	56	51	47	42	38	33	27	22	16
-37.5°	60	55	51	47	43	38	33	28	23	17	12
-38.75°	55	51	47	43	39	34	29	24	19	13	7
-40°	50	46	42	38	34	29	24	19	14	9	6
-41.25°	45	42	38	33	29	24	19	14	9	6	6
-42.5°	40	37	33	28	24	19	14	9	6	6	5
-43.75°	35	31	27	23	19	14	9	6	6	5	5
-45°	30	26	22	17	13	9	6	6	5	5	5
-46.25°	24	20	16	12	7	6	6	5	5	5	4
-47.5°	18	14	10	6	6	6	5	5	5	4	4
-48.75°	12	8	6	6	5	5	5	5	4	4	4
-50°	6	6	6	5	5	5	4	4	4	4	4
-51.25°	6	5	5	5	5	4	4	4	4	4	4
-52.5°	5	5	5	4	4	4	4	4	4	4	4
-53.75°	5	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	4	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	4	4	4	3	3	3	3	3	3	3	3
-61.25°	4	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	2
-65°	3	3	3	3	3	3	3	3	2	2	2
-66.25°	3	3	3	3	3	3	2	2	2	2	2
-67.5°	3	3	3	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	1
-70°	2	2	2	2	2	2	2	1	1	1	1
-71.25°	2	2	2	2	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	0	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°	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°	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°	2	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	1	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	2	1	1	1	1
62.5°	3	2	2	2	2	2	2	2	1	1	1
61.25°	3	3	3	2	2	2	2	2	2	1	1
60°	3	3	3	3	2	2	2	2	2	2	1
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	4	3	3	3	3	3	3	3	3	3	2
52.5°	4	4	3	3	3	3	3	3	3	3	2
51.25°	4	4	4	3	3	3	3	3	3	3	3
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	4	3	3	3	3
43.75°	5	4	4	4	4	4	4	4	3	3	3
42.5°	5	5	4	4	4	4	4	4	3	3	3
41.25°	5	5	4	4	4	4	4	4	4	3	3
40°	6	5	5	4	4	4	4	4	4	3	3
38.75°	6	5	5	5	4	4	4	4	4	4	3
37.5°	6	6	5	5	4	4	4	4	4	4	3
36.25°	10	6	6	5	5	4	4	4	4	4	4
35°	14	8	6	5	5	4	4	4	4	4	4



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	18	12	6	6	5	5	4	4	4	4	4
32.5°	22	15	9	6	5	5	4	4	4	4	4
31.25°	25	19	12	6	6	5	5	4	4	4	4
30°	28	22	15	9	6	5	5	4	4	4	4
28.75°	32	25	19	12	6	6	5	5	4	4	4
27.5°	35	28	22	15	8	6	5	5	4	4	4
26.25°	38	31	25	18	11	6	5	5	4	4	4
25°	40	34	27	20	13	6	6	5	5	4	4
23.75°	43	36	30	23	16	8	6	5	5	4	4
22.5°	45	39	32	25	18	11	6	5	5	4	4
21.25°	47	41	35	28	20	13	6	6	5	4	4
20°	49	43	37	30	23	15	7	6	5	5	4
18.75°	51	45	39	32	25	17	9	6	5	5	4
17.5°	53	47	40	34	26	19	11	6	5	5	4
16.25°	55	49	42	35	28	21	13	6	6	5	4
15°	57	50	44	37	30	22	14	6	6	5	4
13.75°	58	52	45	38	31	24	16	8	6	5	4
12.5°	59	53	46	40	32	25	17	9	6	5	5
11.25°	61	54	47	41	34	26	18	10	6	5	5
10°	62	55	49	42	35	27	19	11	6	5	5
8.75°	63	56	49	43	36	28	20	12	6	5	5
7.5°	64	57	50	44	36	29	21	13	6	5	5
6.25°	65	58	51	44	37	30	22	13	6	6	5
5°	65	58	51	45	38	30	22	14	6	6	5
3.75°	66	59	52	45	38	31	23	14	6	6	5
2.5°	66	59	52	45	39	31	23	15	6	6	5
1.25°	66	59	52	46	39	31	23	15	6	6	5
0°	66	59	53	46	39	31	23	15	7	6	5
-1.25°	66	59	52	45	39	31	23	15	6	6	5
-2.5°	66	59	52	45	39	31	23	15	6	6	5
-3.75°	66	59	52	45	38	31	23	14	6	6	5
-5°	65	58	51	45	38	30	22	14	6	6	5
-6.25°	65	58	51	44	37	30	22	13	6	6	5
-7.5°	64	57	50	44	36	29	21	13	6	5	5
-8.75°	63	56	49	43	36	28	20	12	6	5	5
-10°	62	55	49	42	35	27	19	11	6	5	5
-11.25°	61	54	47	41	34	26	18	10	6	5	5
-12.5°	59	53	46	40	32	25	17	9	6	5	5
-13.75°	58	52	45	38	31	24	16	8	6	5	4
-15°	57	50	44	37	30	22	14	6	6	5	4
-16.25°	55	49	42	35	28	21	13	6	6	5	4
-17.5°	53	47	40	34	26	19	11	6	5	5	4
-18.75°	51	45	39	32	25	17	9	6	5	5	4
-20°	49	43	37	30	23	15	7	6	5	5	4
-21.25°	47	41	35	28	20	13	6	6	5	4	4





REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	45	39	32	25	18	11	6	5	5	4	4
-23.75°	43	36	30	23	16	8	6	5	5	4	4
-25°	40	34	27	20	13	6	6	5	5	4	4
-26.25°	38	31	25	18	11	6	5	5	4	4	4
-27.5°	35	28	22	15	8	6	5	5	4	4	4
-28.75°	32	25	19	12	6	6	5	5	4	4	4
-30°	28	22	15	9	6	5	5	4	4	4	4
-31.25°	25	19	12	6	6	5	5	4	4	4	4
-32.5°	22	15	9	6	5	5	4	4	4	4	4
-33.75°	18	12	6	6	5	5	4	4	4	4	4
-35°	14	8	6	5	5	4	4	4	4	4	4
-36.25°	10	6	6	5	5	4	4	4	4	4	4
-37.5°	6	6	5	5	4	4	4	4	4	4	3
-38.75°	6	5	5	5	4	4	4	4	4	4	3
-40°	6	5	5	4	4	4	4	4	4	3	3
-41.25°	5	5	4	4	4	4	4	4	4	3	3
-42.5°	5	5	4	4	4	4	4	4	3	3	3
-43.75°	5	4	4	4	4	4	4	4	3	3	3
-45°	4	4	4	4	4	4	4	3	3	3	3
-46.25°	4	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	4	4	3	3	3	3	3
-48.75°	4	4	4	4	4	3	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	4	4	3	3	3	3	3	3	3	3	2
-53.75°	4	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	3	3	3	3	2	2	2	2	2	2	1
-61.25°	3	3	3	2	2	2	2	2	2	1	1
-62.5°	3	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	2	1	1	1	1	1	1	1	1	1	1
-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°	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	0	0
-83.75°	1	1	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	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°	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	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	1	1	1	1	1	1	1	1	1
56.25°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	3	2	2	2	2	1	1	1	1	1	1
48.75°	3	2	2	2	2	1	1	1	1	1	1
47.5°	3	3	2	2	2	2	1	1	1	1	1
46.25°	3	3	2	2	2	2	1	1	1	1	1
45°	3	3	3	2	2	2	2	1	1	1	1
43.75°	3	3	3	2	2	2	2	1	1	1	1
42.5°	3	3	3	3	2	2	2	1	1	1	1
41.25°	3	3	3	3	2	2	2	2	1	1	1
40°	3	3	3	3	3	2	2	2	1	1	1
38.75°	3	3	3	3	3	2	2	2	1	1	1
37.5°	3	3	3	3	3	2	2	2	2	1	1
36.25°	3	3	3	3	3	3	2	2	2	1	1
35°	3	3	3	3	3	3	2	2	2	1	1



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	3	3	3	3	3	2	2	2	1	1
32.5°	4	3	3	3	3	3	2	2	2	2	1
31.25°	4	3	3	3	3	3	3	2	2	2	1
30°	4	4	3	3	3	3	3	2	2	2	1
28.75°	4	4	3	3	3	3	3	2	2	2	1
27.5°	4	4	3	3	3	3	3	2	2	2	1
26.25°	4	4	3	3	3	3	3	3	2	2	1
25°	4	4	4	3	3	3	3	3	2	2	2
23.75°	4	4	4	3	3	3	3	3	2	2	2
22.5°	4	4	4	3	3	3	3	3	2	2	2
21.25°	4	4	4	3	3	3	3	3	2	2	2
20°	4	4	4	3	3	3	3	3	2	2	2
18.75°	4	4	4	4	3	3	3	3	2	2	2
17.5°	4	4	4	4	3	3	3	3	3	2	2
16.25°	4	4	4	4	3	3	3	3	3	2	2
15°	4	4	4	4	3	3	3	3	3	2	2
13.75°	4	4	4	4	3	3	3	3	3	2	2
12.5°	4	4	4	4	3	3	3	3	3	2	2
11.25°	4	4	4	4	3	3	3	3	3	2	2
10°	4	4	4	4	3	3	3	3	3	2	2
8.75°	4	4	4	4	4	3	3	3	3	2	2
7.5°	4	4	4	4	4	3	3	3	3	2	2
6.25°	4	4	4	4	4	3	3	3	3	2	2
5°	4	4	4	4	4	3	3	3	3	2	2
3.75°	4	4	4	4	4	3	3	3	3	2	2
2.5°	4	4	4	4	4	3	3	3	3	2	2
1.25°	4	4	4	4	4	3	3	3	3	2	2
0°	4	4	4	4	4	3	3	3	3	2	2
-1.25°	4	4	4	4	4	3	3	3	3	2	2
-2.5°	4	4	4	4	4	3	3	3	3	2	2
-3.75°	4	4	4	4	4	3	3	3	3	2	2
-5°	4	4	4	4	4	3	3	3	3	2	2
-6.25°	4	4	4	4	4	3	3	3	3	2	2
-7.5°	4	4	4	4	4	3	3	3	3	2	2
-8.75°	4	4	4	4	4	3	3	3	3	2	2
-10°	4	4	4	4	3	3	3	3	3	2	2
-11.25°	4	4	4	4	3	3	3	3	3	2	2
-12.5°	4	4	4	4	3	3	3	3	3	2	2
-13.75°	4	4	4	4	3	3	3	3	3	2	2
-15°	4	4	4	4	3	3	3	3	3	2	2
-16.25°	4	4	4	4	3	3	3	3	3	2	2
-17.5°	4	4	4	4	3	3	3	3	3	2	2
-18.75°	4	4	4	4	3	3	3	3	2	2	2
-20°	4	4	4	3	3	3	3	3	2	2	2
-21.25°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	4	4	4	3	3	3	3	3	2	2	2
-23.75°	4	4	4	3	3	3	3	3	2	2	2
-25°	4	4	4	3	3	3	3	3	2	2	2
-26.25°	4	4	3	3	3	3	3	3	2	2	1
-27.5°	4	4	3	3	3	3	3	2	2	2	1
-28.75°	4	4	3	3	3	3	3	2	2	2	1
-30°	4	4	3	3	3	3	3	2	2	2	1
-31.25°	4	3	3	3	3	3	3	2	2	2	1
-32.5°	4	3	3	3	3	3	2	2	2	2	1
-33.75°	4	3	3	3	3	3	2	2	2	1	1
-35°	3	3	3	3	3	3	2	2	2	1	1
-36.25°	3	3	3	3	3	3	2	2	2	1	1
-37.5°	3	3	3	3	3	2	2	2	2	1	1
-38.75°	3	3	3	3	3	2	2	2	1	1	1
-40°	3	3	3	3	3	2	2	2	1	1	1
-41.25°	3	3	3	3	2	2	2	2	1	1	1
-42.5°	3	3	3	3	2	2	2	1	1	1	1
-43.75°	3	3	3	2	2	2	2	1	1	1	1
-45°	3	3	3	2	2	2	2	1	1	1	1
-46.25°	3	3	2	2	2	2	1	1	1	1	1
-47.5°	3	3	2	2	2	2	1	1	1	1	1
-48.75°	3	2	2	2	2	1	1	1	1	1	1
-50°	3	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-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°	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	0	0	0



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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	0	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	0	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	0	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	0	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	0	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	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	1	1	1	1	1	1	1	1	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	0	0
30°	1	1	1	1	1	1	1	1	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	0	0
25°	1	1	1	1	1	1	1	1	1	0	0
23.75°	1	1	1	1	1	1	1	1	1	0	0
22.5°	1	1	1	1	1	1	1	1	1	0	0
21.25°	1	1	1	1	1	1	1	1	1	0	0
20°	1	1	1	1	1	1	1	1	1	0	0
18.75°	1	1	1	1	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	1	1	1	1	0	0
16.25°	1	1	1	1	1	1	1	1	1	0	0
15°	1	1	1	1	1	1	1	1	1	0	0
13.75°	1	1	1	1	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	1	1	1	1	0	0
11.25°	2	1	1	1	1	1	1	1	1	0	0
10°	2	1	1	1	1	1	1	1	1	0	0
8.75°	2	1	1	1	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	1	1	1	1	0	0
6.25°	2	1	1	1	1	1	1	1	1	0	0
5°	2	1	1	1	1	1	1	1	1	0	0
3.75°	2	1	1	1	1	1	1	1	1	0	0
2.5°	2	1	1	1	1	1	1	1	1	0	0
1.25°	2	1	1	1	1	1	1	1	1	0	0
0°	2	1	1	1	1	1	1	1	1	0	0
-1.25°	2	1	1	1	1	1	1	1	1	0	0
-2.5°	2	1	1	1	1	1	1	1	1	0	0
-3.75°	2	1	1	1	1	1	1	1	1	0	0
-5°	2	1	1	1	1	1	1	1	1	0	0
-6.25°	2	1	1	1	1	1	1	1	1	0	0
-7.5°	2	1	1	1	1	1	1	1	1	0	0
-8.75°	2	1	1	1	1	1	1	1	1	0	0
-10°	2	1	1	1	1	1	1	1	1	0	0
-11.25°	2	1	1	1	1	1	1	1	1	0	0
-12.5°	1	1	1	1	1	1	1	1	1	0	0
-13.75°	1	1	1	1	1	1	1	1	1	0	0
-15°	1	1	1	1	1	1	1	1	1	0	0
-16.25°	1	1	1	1	1	1	1	1	1	0	0
-17.5°	1	1	1	1	1	1	1	1	1	0	0
-18.75°	1	1	1	1	1	1	1	1	1	0	0
-20°	1	1	1	1	1	1	1	1	1	0	0
-21.25°	1	1	1	1	1	1	1	1	1	0	0





REPORT NUMBER: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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°	1	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	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	0	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	0	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	0	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	1	0	0	0	0	0	0	0	0
-71.25°	1	1	0	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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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: P220703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-W-BK-L2-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)