

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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29478)  
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-F-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, FLOOD  
OPTIC, WHITE HOUSING.  
Light Source: (1) 3500K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

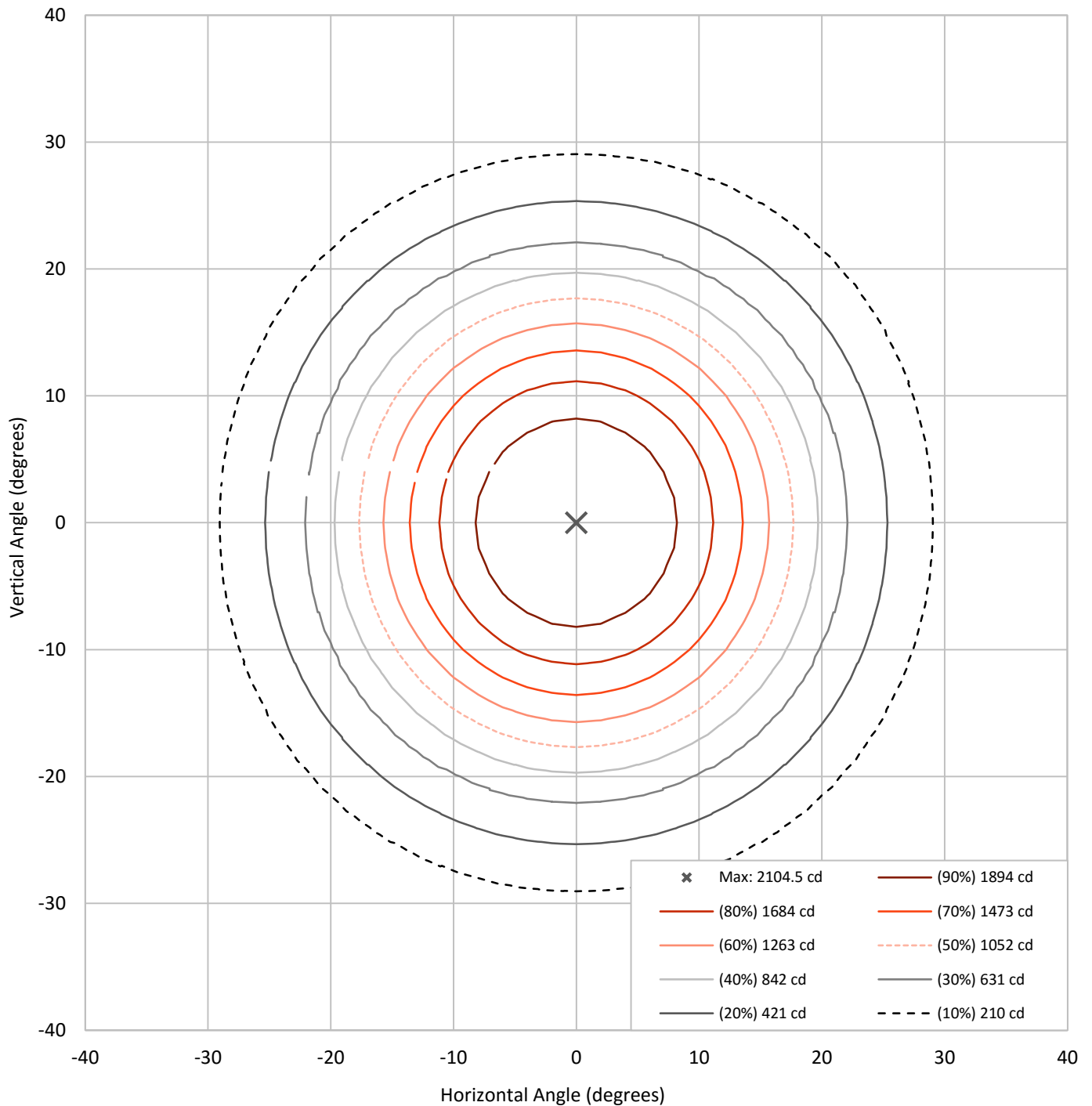
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	782.8 lumens	Max Intensity:	2104.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.4°H x 35.4°V	Field Angle (10%):	58.1°H x 58.1°V
Beam Lumens:	468.9 lumens	Field Lumens:	734.9 lumens
Beam Efficiency:	59.9%	Field Efficiency:	93.9%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

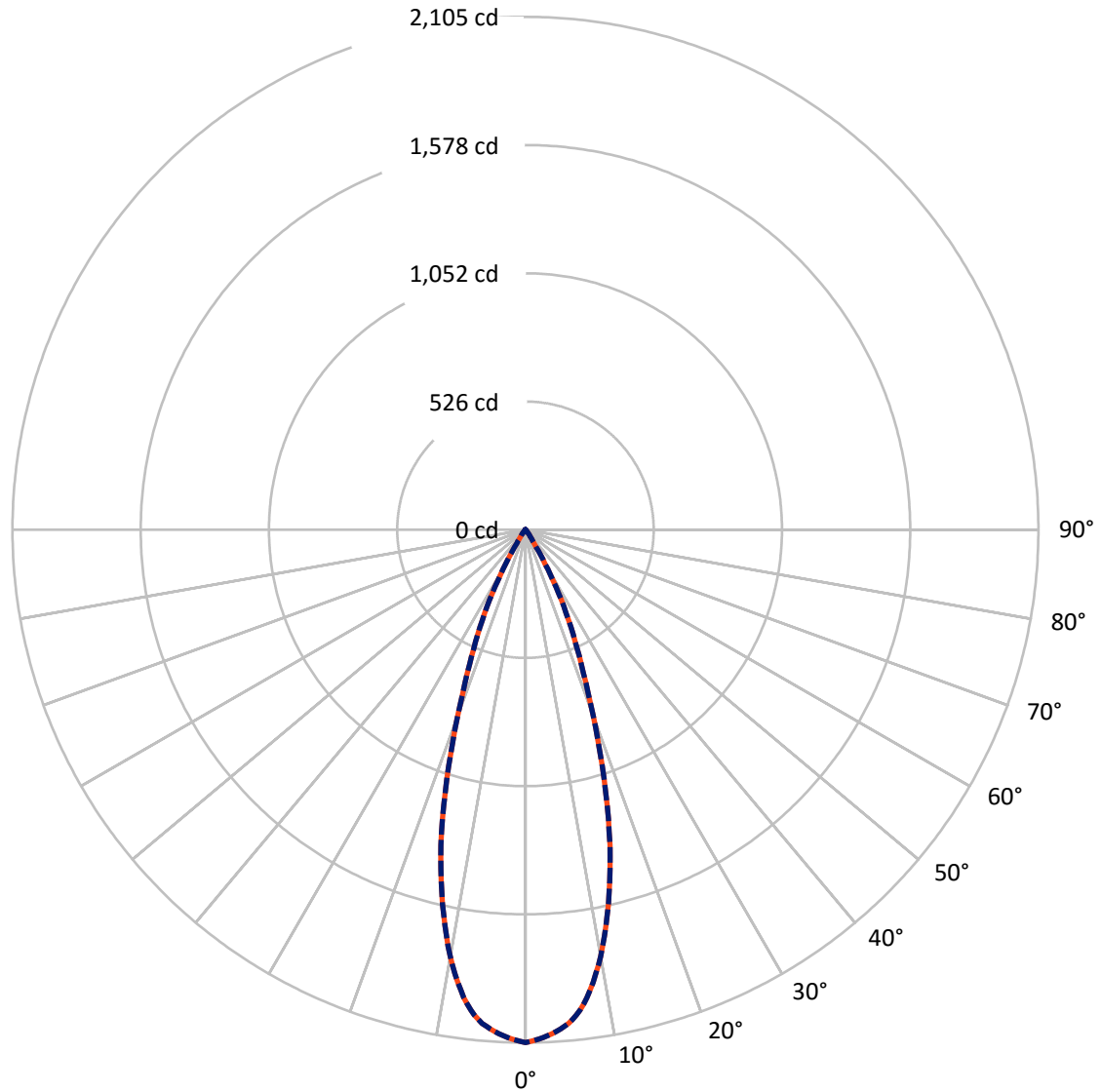
### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
60		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0			
50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0			
40		0.0	0.0	0.0	0.1	0.2	0.7	1.4	1.4	0.7	0.2	0.1	0.0	0.0	0.0	0.0			
30	0.0	0.0	0.0	0.1	0.2	1.4	6.7	12.5	12.5	6.7	1.4	0.2	0.1	0.0	0.0	0.0			
20		0.0	0.0	0.1	0.6	6.4	21.4	36.9	36.9	21.4	6.4	0.6	0.1	0.0	0.0	0.0			
10	0.0	0.0	0.0	0.1	1.1	11.5	35.9	57.3	57.3	35.9	11.5	1.1	0.1	0.0	0.0	0.0			
0		0.0	0.0	0.1	1.1	11.5	35.9	57.3	57.3	35.9	11.5	1.1	0.1	0.0	0.0	0.0			
-10	0.0	0.0	0.0	0.1	0.6	6.4	21.4	36.9	36.9	21.4	6.4	0.6	0.1	0.0	0.0	0.0			
-20		0.0	0.0	0.1	0.2	1.4	6.7	12.5	12.5	6.7	1.4	0.2	0.1	0.0	0.0	0.0			
-30	0.0	0.0	0.0	0.0	0.1	0.2	0.7	1.4	1.4	0.7	0.2	0.1	0.0	0.0	0.0	0.0			
-40		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
-50	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0			
-60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-90	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

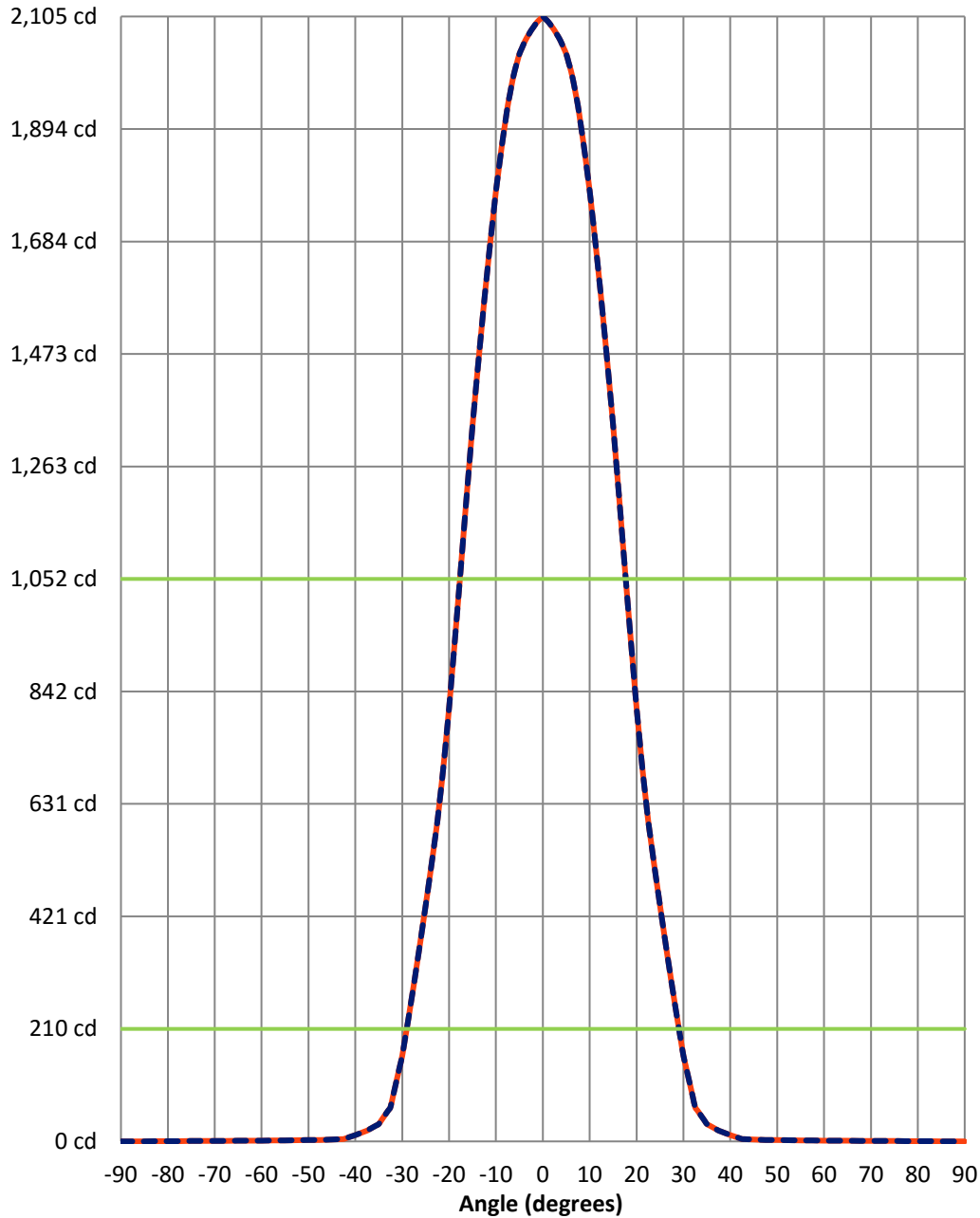
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.4°  
 V Angle: 35.4°  
 Lumens: 468.9  
 Efficiency: 59.9%

**Field:**  
 H Angle: 58.1°  
 V Angle: 58.1°  
 Lumens: 734.9  
 Efficiency: 93.9%

**Spill:**  
 Lumens: 47.9  
 Efficiency: 6.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	1	1	1	1	1	1	1	1	1
32.5°	0	0	1	1	1	1	1	1	1	1	1
31.25°	0	0	1	1	1	1	1	1	1	1	1
30°	0	0	1	1	1	1	1	1	1	1	1
28.75°	0	1	1	1	1	1	1	1	1	1	1
27.5°	0	1	1	1	1	1	1	1	1	1	1
26.25°	0	1	1	1	1	1	1	1	1	1	1
25°	0	1	1	1	1	1	1	1	1	1	1
23.75°	0	1	1	1	1	1	1	1	1	1	1
22.5°	0	1	1	1	1	1	1	1	1	1	1
21.25°	0	1	1	1	1	1	1	1	1	1	1
20°	0	1	1	1	1	1	1	1	1	1	1
18.75°	1	1	1	1	1	1	1	1	1	1	1
17.5°	1	1	1	1	1	1	1	1	1	1	1
16.25°	1	1	1	1	1	1	1	1	1	1	1
15°	1	1	1	1	1	1	1	1	1	1	1
13.75°	1	1	1	1	1	1	1	1	1	1	1
12.5°	1	1	1	1	1	1	1	1	1	1	1
11.25°	1	1	1	1	1	1	1	1	1	1	1
10°	1	1	1	1	1	1	1	1	1	1	1
8.75°	1	1	1	1	1	1	1	1	1	1	1
7.5°	1	1	1	1	1	1	1	1	1	1	1
6.25°	1	1	1	1	1	1	1	1	1	1	1
5°	1	1	1	1	1	1	1	1	1	1	1
3.75°	1	1	1	1	1	1	1	1	1	1	1
2.5°	1	1	1	1	1	1	1	1	1	1	1
1.25°	1	1	1	1	1	1	1	1	1	1	1
0°	1	1	1	1	1	1	1	1	1	1	1
-1.25°	1	1	1	1	1	1	1	1	1	1	1
-2.5°	1	1	1	1	1	1	1	1	1	1	1
-3.75°	1	1	1	1	1	1	1	1	1	1	1
-5°	1	1	1	1	1	1	1	1	1	1	1
-6.25°	1	1	1	1	1	1	1	1	1	1	1
-7.5°	1	1	1	1	1	1	1	1	1	1	1
-8.75°	1	1	1	1	1	1	1	1	1	1	1
-10°	1	1	1	1	1	1	1	1	1	1	1
-11.25°	1	1	1	1	1	1	1	1	1	1	1
-12.5°	1	1	1	1	1	1	1	1	1	1	1
-13.75°	1	1	1	1	1	1	1	1	1	1	1
-15°	1	1	1	1	1	1	1	1	1	1	1
-16.25°	1	1	1	1	1	1	1	1	1	1	1
-17.5°	1	1	1	1	1	1	1	1	1	1	1
-18.75°	1	1	1	1	1	1	1	1	1	1	1
-20°	0	1	1	1	1	1	1	1	1	1	1
-21.25°	0	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	1	1	1	1	1	1	1	1	1	1
-23.75°	0	1	1	1	1	1	1	1	1	1	1
-25°	0	1	1	1	1	1	1	1	1	1	1
-26.25°	0	1	1	1	1	1	1	1	1	1	1
-27.5°	0	1	1	1	1	1	1	1	1	1	1
-28.75°	0	1	1	1	1	1	1	1	1	1	1
-30°	0	0	1	1	1	1	1	1	1	1	1
-31.25°	0	0	1	1	1	1	1	1	1	1	1
-32.5°	0	0	1	1	1	1	1	1	1	1	1
-33.75°	0	0	1	1	1	1	1	1	1	1	1
-35°	0	0	1	1	1	1	1	1	1	1	1
-36.25°	0	0	1	1	1	1	1	1	1	1	1
-37.5°	0	0	0	1	1	1	1	1	1	1	1
-38.75°	0	0	0	1	1	1	1	1	1	1	1
-40°	0	0	0	1	1	1	1	1	1	1	1
-41.25°	0	0	0	1	1	1	1	1	1	1	1
-42.5°	0	0	0	0	1	1	1	1	1	1	1
-43.75°	0	0	0	0	1	1	1	1	1	1	1
-45°	0	0	0	0	1	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	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	0	1	1	1
-56.25°	0	0	0	0	0	0	0	0	0	1	1
-57.5°	0	0	0	0	0	0	0	0	0	1	1
-58.75°	0	0	0	0	0	0	0	0	0	0	1
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	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	0
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	0	1	1	1	1
66.25°	0	0	0	0	0	0	1	1	1	1	1
65°	0	0	0	0	1	1	1	1	1	1	1
63.75°	0	0	0	1	1	1	1	1	1	1	1
62.5°	0	0	1	1	1	1	1	1	1	1	1
61.25°	0	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	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	1	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	1	1	1	1	1	1	1	1	1	1	1
36.25°	1	1	1	1	1	1	1	1	1	1	2
35°	1	1	1	1	1	1	1	1	1	1	2



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	1	1	1	1	1	1	1	1	1	2	2
32.5°	1	1	1	1	1	1	1	1	1	2	2
31.25°	1	1	1	1	1	1	1	1	2	2	2
30°	1	1	1	1	1	1	1	1	2	2	2
28.75°	1	1	1	1	1	1	1	2	2	2	2
27.5°	1	1	1	1	1	1	1	2	2	2	2
26.25°	1	1	1	1	1	1	1	2	2	2	2
25°	1	1	1	1	1	1	2	2	2	2	2
23.75°	1	1	1	1	1	1	2	2	2	2	2
22.5°	1	1	1	1	1	1	2	2	2	2	2
21.25°	1	1	1	1	1	2	2	2	2	2	2
20°	1	1	1	1	1	2	2	2	2	2	2
18.75°	1	1	1	1	1	2	2	2	2	2	2
17.5°	1	1	1	1	1	2	2	2	2	2	2
16.25°	1	1	1	1	2	2	2	2	2	2	2
15°	1	1	1	1	2	2	2	2	2	2	2
13.75°	1	1	1	1	2	2	2	2	2	2	2
12.5°	1	1	1	1	2	2	2	2	2	2	2
11.25°	1	1	1	1	2	2	2	2	2	2	2
10°	1	1	1	1	2	2	2	2	2	2	2
8.75°	1	1	1	1	2	2	2	2	2	2	3
7.5°	1	1	1	1	2	2	2	2	2	2	3
6.25°	1	1	1	2	2	2	2	2	2	2	3
5°	1	1	1	2	2	2	2	2	2	2	3
3.75°	1	1	1	2	2	2	2	2	2	2	3
2.5°	1	1	1	2	2	2	2	2	2	2	3
1.25°	1	1	1	2	2	2	2	2	2	2	3
0°	1	1	1	2	2	2	2	2	2	2	3
-1.25°	1	1	1	2	2	2	2	2	2	2	3
-2.5°	1	1	1	2	2	2	2	2	2	2	3
-3.75°	1	1	1	2	2	2	2	2	2	2	3
-5°	1	1	1	2	2	2	2	2	2	2	3
-6.25°	1	1	1	2	2	2	2	2	2	2	3
-7.5°	1	1	1	1	2	2	2	2	2	2	3
-8.75°	1	1	1	1	2	2	2	2	2	2	3
-10°	1	1	1	1	2	2	2	2	2	2	2
-11.25°	1	1	1	1	2	2	2	2	2	2	2
-12.5°	1	1	1	1	2	2	2	2	2	2	2
-13.75°	1	1	1	1	2	2	2	2	2	2	2
-15°	1	1	1	1	2	2	2	2	2	2	2
-16.25°	1	1	1	1	2	2	2	2	2	2	2
-17.5°	1	1	1	1	1	2	2	2	2	2	2
-18.75°	1	1	1	1	1	2	2	2	2	2	2
-20°	1	1	1	1	1	2	2	2	2	2	2
-21.25°	1	1	1	1	1	2	2	2	2	2	2





REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	1	1	1	1	1	1	2	2	2	2	2
-23.75°	1	1	1	1	1	1	2	2	2	2	2
-25°	1	1	1	1	1	1	2	2	2	2	2
-26.25°	1	1	1	1	1	1	1	2	2	2	2
-27.5°	1	1	1	1	1	1	1	2	2	2	2
-28.75°	1	1	1	1	1	1	1	2	2	2	2
-30°	1	1	1	1	1	1	1	1	2	2	2
-31.25°	1	1	1	1	1	1	1	1	2	2	2
-32.5°	1	1	1	1	1	1	1	1	1	2	2
-33.75°	1	1	1	1	1	1	1	1	1	2	2
-35°	1	1	1	1	1	1	1	1	1	1	2
-36.25°	1	1	1	1	1	1	1	1	1	1	2
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-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°	0	1	1	1	1	1	1	1	1	1	1
-62.5°	0	0	1	1	1	1	1	1	1	1	1
-63.75°	0	0	0	1	1	1	1	1	1	1	1
-65°	0	0	0	0	1	1	1	1	1	1	1
-66.25°	0	0	0	0	0	0	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	1	1	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	0
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	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	1
72.5°	0	0	0	0	0	0	1	1	1	1	1
71.25°	0	0	0	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	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	2
48.75°	1	1	1	1	1	1	1	1	1	2	2
47.5°	1	1	1	1	1	1	1	2	2	2	2
46.25°	1	1	1	1	1	1	2	2	2	2	2
45°	1	1	1	1	1	2	2	2	2	2	2
43.75°	1	1	1	1	2	2	2	2	2	2	2
42.5°	1	1	1	2	2	2	2	2	2	2	2
41.25°	1	1	2	2	2	2	2	2	2	2	2
40°	1	2	2	2	2	2	2	2	2	2	2
38.75°	1	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	3
36.25°	2	2	2	2	2	2	2	2	2	3	3
35°	2	2	2	2	2	2	2	2	3	3	3



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	2	2	2	2	2	2	2	3	3	3	3
32.5°	2	2	2	2	2	2	2	3	3	3	3
31.25°	2	2	2	2	2	2	3	3	3	3	3
30°	2	2	2	2	2	3	3	3	3	3	3
28.75°	2	2	2	2	2	3	3	3	3	3	3
27.5°	2	2	2	2	3	3	3	3	3	3	4
26.25°	2	2	2	2	3	3	3	3	3	4	4
25°	2	2	2	3	3	3	3	3	3	4	4
23.75°	2	2	2	3	3	3	3	3	4	4	5
22.5°	2	2	3	3	3	3	3	4	4	4	6
21.25°	2	2	3	3	3	3	3	4	4	5	8
20°	2	3	3	3	3	3	3	4	4	6	10
18.75°	2	3	3	3	3	3	4	4	5	8	11
17.5°	2	3	3	3	3	3	4	4	6	9	13
16.25°	2	3	3	3	3	4	4	4	7	11	14
15°	3	3	3	3	3	4	4	5	8	12	16
13.75°	3	3	3	3	3	4	4	6	10	13	17
12.5°	3	3	3	3	3	4	4	7	11	14	18
11.25°	3	3	3	3	4	4	4	8	11	15	19
10°	3	3	3	3	4	4	5	9	12	16	21
8.75°	3	3	3	3	4	4	6	9	13	17	22
7.5°	3	3	3	3	4	4	6	10	14	18	23
6.25°	3	3	3	3	4	4	7	11	15	19	24
5°	3	3	3	3	4	4	7	11	15	19	25
3.75°	3	3	3	3	4	4	8	11	15	20	25
2.5°	3	3	3	3	4	4	8	12	16	20	26
1.25°	3	3	3	3	4	4	8	12	16	20	26
0°	3	3	3	4	4	4	8	12	16	20	26
-1.25°	3	3	3	3	4	4	8	12	16	20	26
-2.5°	3	3	3	3	4	4	8	12	16	20	26
-3.75°	3	3	3	3	4	4	8	11	15	20	25
-5°	3	3	3	3	4	4	7	11	15	19	25
-6.25°	3	3	3	3	4	4	7	11	15	19	24
-7.5°	3	3	3	3	4	4	6	10	14	18	23
-8.75°	3	3	3	3	4	4	6	9	13	17	22
-10°	3	3	3	3	4	4	5	9	12	16	21
-11.25°	3	3	3	3	4	4	4	8	11	15	19
-12.5°	3	3	3	3	3	4	4	7	11	14	18
-13.75°	3	3	3	3	3	4	4	6	10	13	17
-15°	3	3	3	3	3	4	4	5	8	12	16
-16.25°	2	3	3	3	3	4	4	4	7	11	14
-17.5°	2	3	3	3	3	3	4	4	6	9	13
-18.75°	2	3	3	3	3	3	4	4	5	8	11
-20°	2	3	3	3	3	3	3	4	4	6	10
-21.25°	2	2	3	3	3	3	3	4	4	5	8



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	2	2	3	3	3	3	3	4	4	4	6
-23.75°	2	2	2	3	3	3	3	3	4	4	5
-25°	2	2	2	3	3	3	3	3	3	4	4
-26.25°	2	2	2	2	3	3	3	3	3	4	4
-27.5°	2	2	2	2	3	3	3	3	3	3	4
-28.75°	2	2	2	2	2	3	3	3	3	3	3
-30°	2	2	2	2	2	3	3	3	3	3	3
-31.25°	2	2	2	2	2	2	3	3	3	3	3
-32.5°	2	2	2	2	2	2	2	3	3	3	3
-33.75°	2	2	2	2	2	2	2	3	3	3	3
-35°	2	2	2	2	2	2	2	2	3	3	3
-36.25°	2	2	2	2	2	2	2	2	2	3	3
-37.5°	2	2	2	2	2	2	2	2	2	2	3
-38.75°	1	2	2	2	2	2	2	2	2	2	2
-40°	1	2	2	2	2	2	2	2	2	2	2
-41.25°	1	1	2	2	2	2	2	2	2	2	2
-42.5°	1	1	1	2	2	2	2	2	2	2	2
-43.75°	1	1	1	1	2	2	2	2	2	2	2
-45°	1	1	1	1	1	2	2	2	2	2	2
-46.25°	1	1	1	1	1	1	2	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	1	2	2
-50°	1	1	1	1	1	1	1	1	1	1	2
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-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°	0	0	0	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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°	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	2	2	2
53.75°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	2	2
51.25°	1	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	3
45°	2	2	2	2	2	2	2	2	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	3
42.5°	2	2	2	2	3	3	3	3	3	3	3
41.25°	2	2	2	3	3	3	3	3	3	3	3
40°	2	3	3	3	3	3	3	3	3	3	4
38.75°	3	3	3	3	3	3	3	3	3	4	4
37.5°	3	3	3	3	3	3	3	4	4	4	4
36.25°	3	3	3	3	3	3	4	4	4	5	6
35°	3	3	3	3	4	4	4	4	6	8	9



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	3	3	3	4	4	4	4	7	9	10	12
32.5°	3	3	4	4	4	5	7	9	11	14	16
31.25°	3	4	4	4	5	8	10	12	14	17	19
30°	4	4	4	5	8	10	12	15	18	20	23
28.75°	4	4	5	8	10	13	15	18	21	24	28
27.5°	4	4	7	10	12	15	18	21	25	29	33
26.25°	4	7	9	12	15	18	21	25	29	35	44
25°	6	9	11	14	18	21	25	29	35	46	56
23.75°	8	10	14	17	20	24	29	35	46	57	73
22.5°	9	12	16	19	23	28	33	44	56	73	106
21.25°	11	14	18	22	27	31	42	54	69	104	138
20°	13	16	20	25	30	38	51	63	98	134	173
18.75°	15	18	23	28	34	47	59	88	126	164	213
17.5°	16	20	25	31	41	54	75	114	153	202	254
16.25°	18	22	28	34	48	62	98	138	184	238	294
15°	20	25	30	41	55	78	120	162	217	274	333
13.75°	21	27	32	47	61	98	141	191	249	309	370
12.5°	23	29	38	52	73	116	160	218	279	342	406
11.25°	25	31	43	57	89	133	184	244	308	373	440
10°	26	32	47	62	103	149	205	268	334	402	471
8.75°	28	36	51	70	116	163	225	290	358	428	499
7.5°	29	39	54	81	128	179	243	310	379	451	523
6.25°	30	42	57	91	138	193	258	327	398	471	544
5°	31	44	60	98	146	204	271	341	413	488	562
3.75°	32	46	62	104	152	213	281	352	425	501	578
2.5°	32	47	63	109	156	220	288	360	434	510	589
1.25°	32	48	64	111	159	224	293	365	439	516	596
0°	32	48	64	112	160	225	294	366	441	518	598
-1.25°	32	48	64	111	159	224	293	365	439	516	596
-2.5°	32	47	63	109	156	220	288	360	434	510	589
-3.75°	32	46	62	104	152	213	281	352	425	501	578
-5°	31	44	60	98	146	204	271	341	413	488	562
-6.25°	30	42	57	91	138	193	258	327	398	471	544
-7.5°	29	39	54	81	128	179	243	310	379	451	523
-8.75°	28	36	51	70	116	163	225	290	358	428	499
-10°	26	32	47	62	103	149	205	268	334	402	471
-11.25°	25	31	43	57	89	133	184	244	308	373	440
-12.5°	23	29	38	52	73	116	160	218	279	342	406
-13.75°	21	27	32	47	61	98	141	191	249	309	370
-15°	20	25	30	41	55	78	120	162	217	274	333
-16.25°	18	22	28	34	48	62	98	138	184	238	294
-17.5°	16	20	25	31	41	54	75	114	153	202	254
-18.75°	15	18	23	28	34	47	59	88	126	164	213
-20°	13	16	20	25	30	38	51	63	98	134	173
-21.25°	11	14	18	22	27	31	42	54	69	104	138





REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	9	12	16	19	23	28	33	44	56	73	106
-23.75°	8	10	14	17	20	24	29	35	46	57	73
-25°	6	9	11	14	18	21	25	29	35	46	56
-26.25°	4	7	9	12	15	18	21	25	29	35	44
-27.5°	4	4	7	10	12	15	18	21	25	29	33
-28.75°	4	4	5	8	10	13	15	18	21	24	28
-30°	4	4	4	5	8	10	12	15	18	20	23
-31.25°	3	4	4	4	5	8	10	12	14	17	19
-32.5°	3	3	4	4	4	5	7	9	11	14	16
-33.75°	3	3	3	4	4	4	4	7	9	10	12
-35°	3	3	3	3	4	4	4	4	6	8	9
-36.25°	3	3	3	3	3	3	4	4	4	5	6
-37.5°	3	3	3	3	3	3	3	4	4	4	4
-38.75°	3	3	3	3	3	3	3	3	3	4	4
-40°	2	3	3	3	3	3	3	3	3	3	4
-41.25°	2	2	2	3	3	3	3	3	3	3	3
-42.5°	2	2	2	2	3	3	3	3	3	3	3
-43.75°	2	2	2	2	2	2	3	3	3	3	3
-45°	2	2	2	2	2	2	2	2	3	3	3
-46.25°	2	2	2	2	2	2	2	2	2	2	3
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	1	2	2	2	2	2	2	2	2	2	2
-52.5°	1	1	1	2	2	2	2	2	2	2	2
-53.75°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	1	1	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	0	0	0	0	0	1	1	1	1	1	1
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	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	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	3
48.75°	2	2	2	2	2	3	3	3	3	3	3
47.5°	2	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	4	4	4
42.5°	3	3	3	3	4	4	4	4	4	4	4
41.25°	3	3	4	4	4	4	4	4	4	5	6
40°	4	4	4	4	4	5	6	7	8	9	9
38.75°	4	4	5	6	7	8	10	11	11	12	13
37.5°	5	6	8	9	11	12	13	14	15	16	17
36.25°	8	10	11	13	14	16	17	18	19	21	22
35°	11	13	15	16	18	20	21	23	25	26	28



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	14	16	18	20	22	25	27	29	31	32	36
32.5°	18	20	23	25	28	30	32	38	43	47	51
31.25°	22	25	28	31	34	41	47	52	57	62	70
30°	27	30	34	41	48	55	61	73	89	103	116
28.75°	31	38	47	54	62	78	98	116	133	149	163
27.5°	42	51	59	75	98	120	141	160	184	205	225
26.25°	54	63	88	114	138	162	191	218	244	268	290
25°	69	98	126	153	184	217	249	279	308	334	358
23.75°	104	134	164	202	238	274	309	342	373	402	428
22.5°	138	173	213	254	294	333	370	406	440	471	499
21.25°	176	219	263	307	351	392	433	471	507	540	570
20°	219	267	314	361	407	452	496	536	575	615	654
18.75°	263	314	365	415	464	512	557	605	653	703	752
17.5°	307	361	415	468	520	571	625	684	744	804	861
16.25°	351	407	464	520	576	635	703	773	844	912	975
15°	392	452	512	571	635	709	788	869	947	1021	1092
13.75°	433	496	557	625	703	788	877	965	1051	1133	1208
12.5°	471	536	605	684	773	869	965	1060	1153	1239	1316
11.25°	507	575	653	744	844	947	1051	1153	1250	1338	1415
10°	540	615	703	804	912	1021	1133	1239	1338	1425	1505
8.75°	570	654	752	861	975	1092	1208	1316	1415	1505	1586
7.5°	600	691	797	913	1033	1156	1274	1383	1483	1575	1658
6.25°	626	725	838	960	1085	1211	1331	1440	1542	1635	1721
5°	650	755	874	999	1129	1256	1376	1487	1590	1686	1773
3.75°	670	779	902	1030	1163	1292	1412	1525	1629	1726	1812
2.5°	684	797	922	1053	1188	1318	1438	1551	1656	1754	1840
1.25°	693	807	935	1067	1203	1334	1454	1567	1673	1772	1857
0°	696	811	939	1072	1208	1339	1459	1573	1679	1778	1863
-1.25°	693	807	935	1067	1203	1334	1454	1567	1673	1772	1857
-2.5°	684	797	922	1053	1188	1318	1438	1551	1656	1754	1840
-3.75°	670	779	902	1030	1163	1292	1412	1525	1629	1726	1812
-5°	650	755	874	999	1129	1256	1376	1487	1590	1686	1773
-6.25°	626	725	838	960	1085	1211	1331	1440	1542	1635	1721
-7.5°	600	691	797	913	1033	1156	1274	1383	1483	1575	1658
-8.75°	570	654	752	861	975	1092	1208	1316	1415	1505	1586
-10°	540	615	703	804	912	1021	1133	1239	1338	1425	1505
-11.25°	507	575	653	744	844	947	1051	1153	1250	1338	1415
-12.5°	471	536	605	684	773	869	965	1060	1153	1239	1316
-13.75°	433	496	557	625	703	788	877	965	1051	1133	1208
-15°	392	452	512	571	635	709	788	869	947	1021	1092
-16.25°	351	407	464	520	576	635	703	773	844	912	975
-17.5°	307	361	415	468	520	571	625	684	744	804	861
-18.75°	263	314	365	415	464	512	557	605	653	703	752
-20°	219	267	314	361	407	452	496	536	575	615	654
-21.25°	176	219	263	307	351	392	433	471	507	540	570



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	138	173	213	254	294	333	370	406	440	471	499
-23.75°	104	134	164	202	238	274	309	342	373	402	428
-25°	69	98	126	153	184	217	249	279	308	334	358
-26.25°	54	63	88	114	138	162	191	218	244	268	290
-27.5°	42	51	59	75	98	120	141	160	184	205	225
-28.75°	31	38	47	54	62	78	98	116	133	149	163
-30°	27	30	34	41	48	55	61	73	89	103	116
-31.25°	22	25	28	31	34	41	47	52	57	62	70
-32.5°	18	20	23	25	28	30	32	38	43	47	51
-33.75°	14	16	18	20	22	25	27	29	31	32	36
-35°	11	13	15	16	18	20	21	23	25	26	28
-36.25°	8	10	11	13	14	16	17	18	19	21	22
-37.5°	5	6	8	9	11	12	13	14	15	16	17
-38.75°	4	4	5	6	7	8	10	11	11	12	13
-40°	4	4	4	4	4	5	6	7	8	9	9
-41.25°	3	3	4	4	4	4	4	4	4	5	6
-42.5°	3	3	3	3	4	4	4	4	4	4	4
-43.75°	3	3	3	3	3	3	3	3	4	4	4
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	2	3	3	3	3	3	3	3	3	3	3
-48.75°	2	2	2	2	2	3	3	3	3	3	3
-50°	2	2	2	2	2	2	2	2	2	2	3
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	1	1	1	1	2	2	2	2	2	2	2
-58.75°	1	1	1	1	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°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	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	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	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	4	3	3	3	3
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	6	7	7	8	8	8	8	8	8	8	7
40°	10	11	11	11	12	12	12	12	12	11	11
38.75°	14	15	15	15	16	16	16	16	16	15	15
37.5°	18	19	19	20	20	20	20	20	20	20	19
36.25°	23	24	25	25	26	26	26	26	26	25	25
35°	29	30	31	32	32	32	32	32	32	32	31



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	39	42	44	46	47	48	48	48	47	46	44
32.5°	54	57	60	62	63	64	64	64	63	62	60
31.25°	81	91	98	104	109	111	112	111	109	104	98
30°	128	138	146	152	156	159	160	159	156	152	146
28.75°	179	193	204	213	220	224	225	224	220	213	204
27.5°	243	258	271	281	288	293	294	293	288	281	271
26.25°	310	327	341	352	360	365	366	365	360	352	341
25°	379	398	413	425	434	439	441	439	434	425	413
23.75°	451	471	488	501	510	516	518	516	510	501	488
22.5°	523	544	562	578	589	596	598	596	589	578	562
21.25°	600	626	650	670	684	693	696	693	684	670	650
20°	691	725	755	779	797	807	811	807	797	779	755
18.75°	797	838	874	902	922	935	939	935	922	902	874
17.5°	913	960	999	1030	1053	1067	1072	1067	1053	1030	999
16.25°	1033	1085	1129	1163	1188	1203	1208	1203	1188	1163	1129
15°	1156	1211	1256	1292	1318	1334	1339	1334	1318	1292	1256
13.75°	1274	1331	1376	1412	1438	1454	1459	1454	1438	1412	1376
12.5°	1383	1440	1487	1525	1551	1567	1573	1567	1551	1525	1487
11.25°	1483	1542	1590	1629	1656	1673	1679	1673	1656	1629	1590
10°	1575	1635	1686	1726	1754	1772	1778	1772	1754	1726	1686
8.75°	1658	1721	1773	1812	1840	1857	1863	1857	1840	1812	1773
7.5°	1732	1795	1847	1886	1915	1932	1937	1932	1915	1886	1847
6.25°	1795	1858	1910	1948	1975	1990	1995	1990	1975	1948	1910
5°	1847	1910	1960	1995	2017	2030	2034	2030	2017	1995	1960
3.75°	1886	1948	1995	2026	2045	2057	2060	2057	2045	2026	1995
2.5°	1915	1975	2017	2045	2063	2075	2078	2075	2063	2045	2017
1.25°	1932	1990	2030	2057	2075	2088	2094	2088	2075	2057	2030
0°	1937	1995	2034	2060	2078	2094	2105	2094	2078	2060	2034
-1.25°	1932	1990	2030	2057	2075	2088	2094	2088	2075	2057	2030
-2.5°	1915	1975	2017	2045	2063	2075	2078	2075	2063	2045	2017
-3.75°	1886	1948	1995	2026	2045	2057	2060	2057	2045	2026	1995
-5°	1847	1910	1960	1995	2017	2030	2034	2030	2017	1995	1960
-6.25°	1795	1858	1910	1948	1975	1990	1995	1990	1975	1948	1910
-7.5°	1732	1795	1847	1886	1915	1932	1937	1932	1915	1886	1847
-8.75°	1658	1721	1773	1812	1840	1857	1863	1857	1840	1812	1773
-10°	1575	1635	1686	1726	1754	1772	1778	1772	1754	1726	1686
-11.25°	1483	1542	1590	1629	1656	1673	1679	1673	1656	1629	1590
-12.5°	1383	1440	1487	1525	1551	1567	1573	1567	1551	1525	1487
-13.75°	1274	1331	1376	1412	1438	1454	1459	1454	1438	1412	1376
-15°	1156	1211	1256	1292	1318	1334	1339	1334	1318	1292	1256
-16.25°	1033	1085	1129	1163	1188	1203	1208	1203	1188	1163	1129
-17.5°	913	960	999	1030	1053	1067	1072	1067	1053	1030	999
-18.75°	797	838	874	902	922	935	939	935	922	902	874
-20°	691	725	755	779	797	807	811	807	797	779	755
-21.25°	600	626	650	670	684	693	696	693	684	670	650





REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	523	544	562	578	589	596	598	596	589	578	562
-23.75°	451	471	488	501	510	516	518	516	510	501	488
-25°	379	398	413	425	434	439	441	439	434	425	413
-26.25°	310	327	341	352	360	365	366	365	360	352	341
-27.5°	243	258	271	281	288	293	294	293	288	281	271
-28.75°	179	193	204	213	220	224	225	224	220	213	204
-30°	128	138	146	152	156	159	160	159	156	152	146
-31.25°	81	91	98	104	109	111	112	111	109	104	98
-32.5°	54	57	60	62	63	64	64	64	63	62	60
-33.75°	39	42	44	46	47	48	48	48	47	46	44
-35°	29	30	31	32	32	32	32	32	32	32	31
-36.25°	23	24	25	25	26	26	26	26	26	25	25
-37.5°	18	19	19	20	20	20	20	20	20	20	19
-38.75°	14	15	15	15	16	16	16	16	16	15	15
-40°	10	11	11	11	12	12	12	12	12	11	11
-41.25°	6	7	7	8	8	8	8	8	8	8	7
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	3	3	3	3	3	3	4	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	1	2	2	2	2	2	2	2	2	2	2
-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	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	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	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°	2	1	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	3	3	3	2	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	3	3	3	2	2	2
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	4	4	4	4	4	3	3	3	3	3	3
42.5°	4	4	4	4	4	4	4	4	4	3	3
41.25°	7	6	6	5	4	4	4	4	4	4	4
40°	11	10	9	9	8	7	6	5	4	4	4
38.75°	15	14	13	12	11	11	10	8	7	6	5
37.5°	19	18	17	16	15	14	13	12	11	9	8
36.25°	24	23	22	21	19	18	17	16	14	13	11
35°	30	29	28	26	25	23	21	20	18	16	15



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	42	39	36	32	31	29	27	25	22	20	18
32.5°	57	54	51	47	43	38	32	30	28	25	23
31.25°	91	81	70	62	57	52	47	41	34	31	28
30°	138	128	116	103	89	73	61	55	48	41	34
28.75°	193	179	163	149	133	116	98	78	62	54	47
27.5°	258	243	225	205	184	160	141	120	98	75	59
26.25°	327	310	290	268	244	218	191	162	138	114	88
25°	398	379	358	334	308	279	249	217	184	153	126
23.75°	471	451	428	402	373	342	309	274	238	202	164
22.5°	544	523	499	471	440	406	370	333	294	254	213
21.25°	626	600	570	540	507	471	433	392	351	307	263
20°	725	691	654	615	575	536	496	452	407	361	314
18.75°	838	797	752	703	653	605	557	512	464	415	365
17.5°	960	913	861	804	744	684	625	571	520	468	415
16.25°	1085	1033	975	912	844	773	703	635	576	520	464
15°	1211	1156	1092	1021	947	869	788	709	635	571	512
13.75°	1331	1274	1208	1133	1051	965	877	788	703	625	557
12.5°	1440	1383	1316	1239	1153	1060	965	869	773	684	605
11.25°	1542	1483	1415	1338	1250	1153	1051	947	844	744	653
10°	1635	1575	1505	1425	1338	1239	1133	1021	912	804	703
8.75°	1721	1658	1586	1505	1415	1316	1208	1092	975	861	752
7.5°	1795	1732	1658	1575	1483	1383	1274	1156	1033	913	797
6.25°	1858	1795	1721	1635	1542	1440	1331	1211	1085	960	838
5°	1910	1847	1773	1686	1590	1487	1376	1256	1129	999	874
3.75°	1948	1886	1812	1726	1629	1525	1412	1292	1163	1030	902
2.5°	1975	1915	1840	1754	1656	1551	1438	1318	1188	1053	922
1.25°	1990	1932	1857	1772	1673	1567	1454	1334	1203	1067	935
0°	1995	1937	1863	1778	1679	1573	1459	1339	1208	1072	939
-1.25°	1990	1932	1857	1772	1673	1567	1454	1334	1203	1067	935
-2.5°	1975	1915	1840	1754	1656	1551	1438	1318	1188	1053	922
-3.75°	1948	1886	1812	1726	1629	1525	1412	1292	1163	1030	902
-5°	1910	1847	1773	1686	1590	1487	1376	1256	1129	999	874
-6.25°	1858	1795	1721	1635	1542	1440	1331	1211	1085	960	838
-7.5°	1795	1732	1658	1575	1483	1383	1274	1156	1033	913	797
-8.75°	1721	1658	1586	1505	1415	1316	1208	1092	975	861	752
-10°	1635	1575	1505	1425	1338	1239	1133	1021	912	804	703
-11.25°	1542	1483	1415	1338	1250	1153	1051	947	844	744	653
-12.5°	1440	1383	1316	1239	1153	1060	965	869	773	684	605
-13.75°	1331	1274	1208	1133	1051	965	877	788	703	625	557
-15°	1211	1156	1092	1021	947	869	788	709	635	571	512
-16.25°	1085	1033	975	912	844	773	703	635	576	520	464
-17.5°	960	913	861	804	744	684	625	571	520	468	415
-18.75°	838	797	752	703	653	605	557	512	464	415	365
-20°	725	691	654	615	575	536	496	452	407	361	314
-21.25°	626	600	570	540	507	471	433	392	351	307	263



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	544	523	499	471	440	406	370	333	294	254	213
-23.75°	471	451	428	402	373	342	309	274	238	202	164
-25°	398	379	358	334	308	279	249	217	184	153	126
-26.25°	327	310	290	268	244	218	191	162	138	114	88
-27.5°	258	243	225	205	184	160	141	120	98	75	59
-28.75°	193	179	163	149	133	116	98	78	62	54	47
-30°	138	128	116	103	89	73	61	55	48	41	34
-31.25°	91	81	70	62	57	52	47	41	34	31	28
-32.5°	57	54	51	47	43	38	32	30	28	25	23
-33.75°	42	39	36	32	31	29	27	25	22	20	18
-35°	30	29	28	26	25	23	21	20	18	16	15
-36.25°	24	23	22	21	19	18	17	16	14	13	11
-37.5°	19	18	17	16	15	14	13	12	11	9	8
-38.75°	15	14	13	12	11	11	10	8	7	6	5
-40°	11	10	9	9	8	7	6	5	4	4	4
-41.25°	7	6	6	5	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	3	3
-43.75°	4	4	4	4	4	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	2	2	2
-50°	3	3	3	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-58.75°	2	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	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	1	1	1	0	0	0
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°	1	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	2	2	1	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	2	1	1	1
52.5°	2	2	2	2	2	2	2	2	2	2	1
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	3	2	2	2	2	2	2	2	2	2	2
46.25°	3	3	3	2	2	2	2	2	2	2	2
45°	3	3	3	3	3	2	2	2	2	2	2
43.75°	3	3	3	3	3	3	3	2	2	2	2
42.5°	3	3	3	3	3	3	3	3	3	2	2
41.25°	3	3	3	3	3	3	3	3	3	3	2
40°	4	4	4	3	3	3	3	3	3	3	3
38.75°	4	4	4	4	3	3	3	3	3	3	3
37.5°	6	5	4	4	4	4	3	3	3	3	3
36.25°	10	8	6	5	4	4	4	3	3	3	3
35°	13	11	9	8	6	4	4	4	4	3	3



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	16	14	12	10	9	7	4	4	4	4	3
32.5°	20	18	16	14	11	9	7	5	4	4	4
31.25°	25	22	19	17	14	12	10	8	5	4	4
30°	30	27	23	20	18	15	12	10	8	5	4
28.75°	38	31	28	24	21	18	15	13	10	8	5
27.5°	51	42	33	29	25	21	18	15	12	10	7
26.25°	63	54	44	35	29	25	21	18	15	12	9
25°	98	69	56	46	35	29	25	21	18	14	11
23.75°	134	104	73	57	46	35	29	24	20	17	14
22.5°	173	138	106	73	56	44	33	28	23	19	16
21.25°	219	176	138	104	69	54	42	31	27	22	18
20°	267	219	173	134	98	63	51	38	30	25	20
18.75°	314	263	213	164	126	88	59	47	34	28	23
17.5°	361	307	254	202	153	114	75	54	41	31	25
16.25°	407	351	294	238	184	138	98	62	48	34	28
15°	452	392	333	274	217	162	120	78	55	41	30
13.75°	496	433	370	309	249	191	141	98	61	47	32
12.5°	536	471	406	342	279	218	160	116	73	52	38
11.25°	575	507	440	373	308	244	184	133	89	57	43
10°	615	540	471	402	334	268	205	149	103	62	47
8.75°	654	570	499	428	358	290	225	163	116	70	51
7.5°	691	600	523	451	379	310	243	179	128	81	54
6.25°	725	626	544	471	398	327	258	193	138	91	57
5°	755	650	562	488	413	341	271	204	146	98	60
3.75°	779	670	578	501	425	352	281	213	152	104	62
2.5°	797	684	589	510	434	360	288	220	156	109	63
1.25°	807	693	596	516	439	365	293	224	159	111	64
0°	811	696	598	518	441	366	294	225	160	112	64
-1.25°	807	693	596	516	439	365	293	224	159	111	64
-2.5°	797	684	589	510	434	360	288	220	156	109	63
-3.75°	779	670	578	501	425	352	281	213	152	104	62
-5°	755	650	562	488	413	341	271	204	146	98	60
-6.25°	725	626	544	471	398	327	258	193	138	91	57
-7.5°	691	600	523	451	379	310	243	179	128	81	54
-8.75°	654	570	499	428	358	290	225	163	116	70	51
-10°	615	540	471	402	334	268	205	149	103	62	47
-11.25°	575	507	440	373	308	244	184	133	89	57	43
-12.5°	536	471	406	342	279	218	160	116	73	52	38
-13.75°	496	433	370	309	249	191	141	98	61	47	32
-15°	452	392	333	274	217	162	120	78	55	41	30
-16.25°	407	351	294	238	184	138	98	62	48	34	28
-17.5°	361	307	254	202	153	114	75	54	41	31	25
-18.75°	314	263	213	164	126	88	59	47	34	28	23
-20°	267	219	173	134	98	63	51	38	30	25	20
-21.25°	219	176	138	104	69	54	42	31	27	22	18





REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	173	138	106	73	56	44	33	28	23	19	16
-23.75°	134	104	73	57	46	35	29	24	20	17	14
-25°	98	69	56	46	35	29	25	21	18	14	11
-26.25°	63	54	44	35	29	25	21	18	15	12	9
-27.5°	51	42	33	29	25	21	18	15	12	10	7
-28.75°	38	31	28	24	21	18	15	13	10	8	5
-30°	30	27	23	20	18	15	12	10	8	5	4
-31.25°	25	22	19	17	14	12	10	8	5	4	4
-32.5°	20	18	16	14	11	9	7	5	4	4	4
-33.75°	16	14	12	10	9	7	4	4	4	4	3
-35°	13	11	9	8	6	4	4	4	4	3	3
-36.25°	10	8	6	5	4	4	4	3	3	3	3
-37.5°	6	5	4	4	4	4	3	3	3	3	3
-38.75°	4	4	4	4	3	3	3	3	3	3	3
-40°	4	4	4	3	3	3	3	3	3	3	3
-41.25°	3	3	3	3	3	3	3	3	3	3	2
-42.5°	3	3	3	3	3	3	3	3	3	2	2
-43.75°	3	3	3	3	3	3	3	2	2	2	2
-45°	3	3	3	3	3	2	2	2	2	2	2
-46.25°	3	3	3	2	2	2	2	2	2	2	2
-47.5°	3	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	1	1	1	1	1	1
-56.25°	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	1	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	1	0
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	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	2	1	1	1	1	1	1	1	1	1	1
50°	2	2	2	1	1	1	1	1	1	1	1
48.75°	2	2	2	2	1	1	1	1	1	1	1
47.5°	2	2	2	2	2	2	1	1	1	1	1
46.25°	2	2	2	2	2	2	2	1	1	1	1
45°	2	2	2	2	2	2	2	2	1	1	1
43.75°	2	2	2	2	2	2	2	2	2	1	1
42.5°	2	2	2	2	2	2	2	2	2	2	1
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	3	2	2	2	2	2	2	2	2	2	2
38.75°	3	3	2	2	2	2	2	2	2	2	2
37.5°	3	3	3	2	2	2	2	2	2	2	2
36.25°	3	3	3	3	2	2	2	2	2	2	2
35°	3	3	3	3	3	2	2	2	2	2	2



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	3	3	3	3	3	3	2	2	2	2	2
32.5°	3	3	3	3	3	3	2	2	2	2	2
31.25°	4	3	3	3	3	3	3	2	2	2	2
30°	4	4	3	3	3	3	3	3	2	2	2
28.75°	4	4	3	3	3	3	3	3	2	2	2
27.5°	4	4	4	3	3	3	3	3	3	2	2
26.25°	7	4	4	4	3	3	3	3	3	2	2
25°	9	6	4	4	3	3	3	3	3	3	2
23.75°	10	8	5	4	4	3	3	3	3	3	2
22.5°	12	9	6	4	4	4	3	3	3	3	3
21.25°	14	11	8	5	4	4	3	3	3	3	3
20°	16	13	10	6	4	4	3	3	3	3	3
18.75°	18	15	11	8	5	4	4	3	3	3	3
17.5°	20	16	13	9	6	4	4	3	3	3	3
16.25°	22	18	14	11	7	4	4	4	3	3	3
15°	25	20	16	12	8	5	4	4	3	3	3
13.75°	27	21	17	13	10	6	4	4	3	3	3
12.5°	29	23	18	14	11	7	4	4	3	3	3
11.25°	31	25	19	15	11	8	4	4	4	3	3
10°	32	26	21	16	12	9	5	4	4	3	3
8.75°	36	28	22	17	13	9	6	4	4	3	3
7.5°	39	29	23	18	14	10	6	4	4	3	3
6.25°	42	30	24	19	15	11	7	4	4	3	3
5°	44	31	25	19	15	11	7	4	4	3	3
3.75°	46	32	25	20	15	11	8	4	4	3	3
2.5°	47	32	26	20	16	12	8	4	4	3	3
1.25°	48	32	26	20	16	12	8	4	4	3	3
0°	48	32	26	20	16	12	8	4	4	4	3
-1.25°	48	32	26	20	16	12	8	4	4	3	3
-2.5°	47	32	26	20	16	12	8	4	4	3	3
-3.75°	46	32	25	20	15	11	8	4	4	3	3
-5°	44	31	25	19	15	11	7	4	4	3	3
-6.25°	42	30	24	19	15	11	7	4	4	3	3
-7.5°	39	29	23	18	14	10	6	4	4	3	3
-8.75°	36	28	22	17	13	9	6	4	4	3	3
-10°	32	26	21	16	12	9	5	4	4	3	3
-11.25°	31	25	19	15	11	8	4	4	4	3	3
-12.5°	29	23	18	14	11	7	4	4	3	3	3
-13.75°	27	21	17	13	10	6	4	4	3	3	3
-15°	25	20	16	12	8	5	4	4	3	3	3
-16.25°	22	18	14	11	7	4	4	4	3	3	3
-17.5°	20	16	13	9	6	4	4	3	3	3	3
-18.75°	18	15	11	8	5	4	4	3	3	3	3
-20°	16	13	10	6	4	4	3	3	3	3	3
-21.25°	14	11	8	5	4	4	3	3	3	3	3



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	12	9	6	4	4	4	3	3	3	3	3
-23.75°	10	8	5	4	4	3	3	3	3	3	2
-25°	9	6	4	4	3	3	3	3	3	3	2
-26.25°	7	4	4	4	3	3	3	3	3	2	2
-27.5°	4	4	4	3	3	3	3	3	3	2	2
-28.75°	4	4	3	3	3	3	3	3	2	2	2
-30°	4	4	3	3	3	3	3	3	2	2	2
-31.25°	4	3	3	3	3	3	3	2	2	2	2
-32.5°	3	3	3	3	3	3	2	2	2	2	2
-33.75°	3	3	3	3	3	3	2	2	2	2	2
-35°	3	3	3	3	3	2	2	2	2	2	2
-36.25°	3	3	3	3	2	2	2	2	2	2	2
-37.5°	3	3	3	2	2	2	2	2	2	2	2
-38.75°	3	3	2	2	2	2	2	2	2	2	2
-40°	3	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	1
-43.75°	2	2	2	2	2	2	2	2	2	1	1
-45°	2	2	2	2	2	2	2	2	1	1	1
-46.25°	2	2	2	2	2	2	2	1	1	1	1
-47.5°	2	2	2	2	2	2	1	1	1	1	1
-48.75°	2	2	2	2	1	1	1	1	1	1	1
-50°	2	2	2	1	1	1	1	1	1	1	1
-51.25°	2	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-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	0
-72.5°	1	1	1	1	1	1	1	0	0	0	0
-73.75°	1	1	1	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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°	1	1	0	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	1	1	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	0	0	0	0
65°	1	1	1	1	1	1	1	1	1	0	0
63.75°	1	1	1	1	1	1	1	1	1	1	0
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	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	2	1	1	1	1	1	1	1	1	1	1
38.75°	2	1	1	1	1	1	1	1	1	1	1
37.5°	2	2	1	1	1	1	1	1	1	1	1
36.25°	2	2	2	1	1	1	1	1	1	1	1
35°	2	2	2	1	1	1	1	1	1	1	1



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	2	2	2	2	1	1	1	1	1	1	1
32.5°	2	2	2	2	1	1	1	1	1	1	1
31.25°	2	2	2	2	2	1	1	1	1	1	1
30°	2	2	2	2	2	1	1	1	1	1	1
28.75°	2	2	2	2	2	2	1	1	1	1	1
27.5°	2	2	2	2	2	2	1	1	1	1	1
26.25°	2	2	2	2	2	2	1	1	1	1	1
25°	2	2	2	2	2	2	2	1	1	1	1
23.75°	2	2	2	2	2	2	2	1	1	1	1
22.5°	2	2	2	2	2	2	2	1	1	1	1
21.25°	2	2	2	2	2	2	2	2	1	1	1
20°	3	2	2	2	2	2	2	2	1	1	1
18.75°	3	2	2	2	2	2	2	2	1	1	1
17.5°	3	2	2	2	2	2	2	2	1	1	1
16.25°	3	2	2	2	2	2	2	2	2	1	1
15°	3	3	2	2	2	2	2	2	2	1	1
13.75°	3	3	2	2	2	2	2	2	2	1	1
12.5°	3	3	2	2	2	2	2	2	2	1	1
11.25°	3	3	2	2	2	2	2	2	2	1	1
10°	3	3	2	2	2	2	2	2	2	1	1
8.75°	3	3	3	2	2	2	2	2	2	1	1
7.5°	3	3	3	2	2	2	2	2	2	1	1
6.25°	3	3	3	2	2	2	2	2	2	2	1
5°	3	3	3	2	2	2	2	2	2	2	1
3.75°	3	3	3	2	2	2	2	2	2	2	1
2.5°	3	3	3	2	2	2	2	2	2	2	1
1.25°	3	3	3	2	2	2	2	2	2	2	1
0°	3	3	3	2	2	2	2	2	2	2	1
-1.25°	3	3	3	2	2	2	2	2	2	2	1
-2.5°	3	3	3	2	2	2	2	2	2	2	1
-3.75°	3	3	3	2	2	2	2	2	2	2	1
-5°	3	3	3	2	2	2	2	2	2	2	1
-6.25°	3	3	3	2	2	2	2	2	2	2	1
-7.5°	3	3	3	2	2	2	2	2	2	1	1
-8.75°	3	3	3	2	2	2	2	2	2	1	1
-10°	3	3	2	2	2	2	2	2	2	1	1
-11.25°	3	3	2	2	2	2	2	2	2	1	1
-12.5°	3	3	2	2	2	2	2	2	2	1	1
-13.75°	3	3	2	2	2	2	2	2	2	1	1
-15°	3	3	2	2	2	2	2	2	2	1	1
-16.25°	3	2	2	2	2	2	2	2	2	1	1
-17.5°	3	2	2	2	2	2	2	2	1	1	1
-18.75°	3	2	2	2	2	2	2	2	1	1	1
-20°	3	2	2	2	2	2	2	2	1	1	1
-21.25°	2	2	2	2	2	2	2	2	1	1	1





REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	2	2	2	2	2	2	2	1	1	1	1
-23.75°	2	2	2	2	2	2	2	1	1	1	1
-25°	2	2	2	2	2	2	2	1	1	1	1
-26.25°	2	2	2	2	2	2	1	1	1	1	1
-27.5°	2	2	2	2	2	2	1	1	1	1	1
-28.75°	2	2	2	2	2	2	1	1	1	1	1
-30°	2	2	2	2	2	1	1	1	1	1	1
-31.25°	2	2	2	2	2	1	1	1	1	1	1
-32.5°	2	2	2	2	1	1	1	1	1	1	1
-33.75°	2	2	2	2	1	1	1	1	1	1	1
-35°	2	2	2	1	1	1	1	1	1	1	1
-36.25°	2	2	2	1	1	1	1	1	1	1	1
-37.5°	2	2	1	1	1	1	1	1	1	1	1
-38.75°	2	1	1	1	1	1	1	1	1	1	1
-40°	2	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-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	0
-65°	1	1	1	1	1	1	1	1	1	0	0
-66.25°	1	1	1	1	1	1	1	0	0	0	0
-67.5°	1	1	1	1	1	1	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	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	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	1	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	1	0	0	0	0	0	0	0	0
57.5°	1	1	1	1	0	0	0	0	0	0	0
56.25°	1	1	1	1	0	0	0	0	0	0	0
55°	1	1	1	1	1	0	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	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	1	0	0
43.75°	1	1	1	1	1	1	1	1	1	0	0
42.5°	1	1	1	1	1	1	1	1	1	0	0
41.25°	1	1	1	1	1	1	1	1	1	1	0
40°	1	1	1	1	1	1	1	1	1	1	0
38.75°	1	1	1	1	1	1	1	1	1	1	0
37.5°	1	1	1	1	1	1	1	1	1	1	0
36.25°	1	1	1	1	1	1	1	1	1	1	1
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	1	1	1	1	1	1	1	1	1	1	1
32.5°	1	1	1	1	1	1	1	1	1	1	1
31.25°	1	1	1	1	1	1	1	1	1	1	1
30°	1	1	1	1	1	1	1	1	1	1	1
28.75°	1	1	1	1	1	1	1	1	1	1	1
27.5°	1	1	1	1	1	1	1	1	1	1	1
26.25°	1	1	1	1	1	1	1	1	1	1	1
25°	1	1	1	1	1	1	1	1	1	1	1
23.75°	1	1	1	1	1	1	1	1	1	1	1
22.5°	1	1	1	1	1	1	1	1	1	1	1
21.25°	1	1	1	1	1	1	1	1	1	1	1
20°	1	1	1	1	1	1	1	1	1	1	1
18.75°	1	1	1	1	1	1	1	1	1	1	1
17.5°	1	1	1	1	1	1	1	1	1	1	1
16.25°	1	1	1	1	1	1	1	1	1	1	1
15°	1	1	1	1	1	1	1	1	1	1	1
13.75°	1	1	1	1	1	1	1	1	1	1	1
12.5°	1	1	1	1	1	1	1	1	1	1	1
11.25°	1	1	1	1	1	1	1	1	1	1	1
10°	1	1	1	1	1	1	1	1	1	1	1
8.75°	1	1	1	1	1	1	1	1	1	1	1
7.5°	1	1	1	1	1	1	1	1	1	1	1
6.25°	1	1	1	1	1	1	1	1	1	1	1
5°	1	1	1	1	1	1	1	1	1	1	1
3.75°	1	1	1	1	1	1	1	1	1	1	1
2.5°	1	1	1	1	1	1	1	1	1	1	1
1.25°	1	1	1	1	1	1	1	1	1	1	1
0°	1	1	1	1	1	1	1	1	1	1	1
-1.25°	1	1	1	1	1	1	1	1	1	1	1
-2.5°	1	1	1	1	1	1	1	1	1	1	1
-3.75°	1	1	1	1	1	1	1	1	1	1	1
-5°	1	1	1	1	1	1	1	1	1	1	1
-6.25°	1	1	1	1	1	1	1	1	1	1	1
-7.5°	1	1	1	1	1	1	1	1	1	1	1
-8.75°	1	1	1	1	1	1	1	1	1	1	1
-10°	1	1	1	1	1	1	1	1	1	1	1
-11.25°	1	1	1	1	1	1	1	1	1	1	1
-12.5°	1	1	1	1	1	1	1	1	1	1	1
-13.75°	1	1	1	1	1	1	1	1	1	1	1
-15°	1	1	1	1	1	1	1	1	1	1	1
-16.25°	1	1	1	1	1	1	1	1	1	1	1
-17.5°	1	1	1	1	1	1	1	1	1	1	1
-18.75°	1	1	1	1	1	1	1	1	1	1	1
-20°	1	1	1	1	1	1	1	1	1	1	1
-21.25°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	1	1	1	1	1	1	1	1	1	1	1
-23.75°	1	1	1	1	1	1	1	1	1	1	1
-25°	1	1	1	1	1	1	1	1	1	1	1
-26.25°	1	1	1	1	1	1	1	1	1	1	1
-27.5°	1	1	1	1	1	1	1	1	1	1	1
-28.75°	1	1	1	1	1	1	1	1	1	1	1
-30°	1	1	1	1	1	1	1	1	1	1	1
-31.25°	1	1	1	1	1	1	1	1	1	1	1
-32.5°	1	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	0
-38.75°	1	1	1	1	1	1	1	1	1	1	0
-40°	1	1	1	1	1	1	1	1	1	1	0
-41.25°	1	1	1	1	1	1	1	1	1	1	0
-42.5°	1	1	1	1	1	1	1	1	1	0	0
-43.75°	1	1	1	1	1	1	1	1	1	0	0
-45°	1	1	1	1	1	1	1	1	1	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	0	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	0	0	0	0	0	0
-56.25°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	1	1	0	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	0	0	0	0	0	0	0	0	0	0
-23.75°	1	0	0	0	0	0	0	0	0	0	0
-25°	1	0	0	0	0	0	0	0	0	0	0
-26.25°	1	0	0	0	0	0	0	0	0	0	0
-27.5°	1	0	0	0	0	0	0	0	0	0	0
-28.75°	1	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3590-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)