

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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED2790-M-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)  
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-LED2790-M-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 2700K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

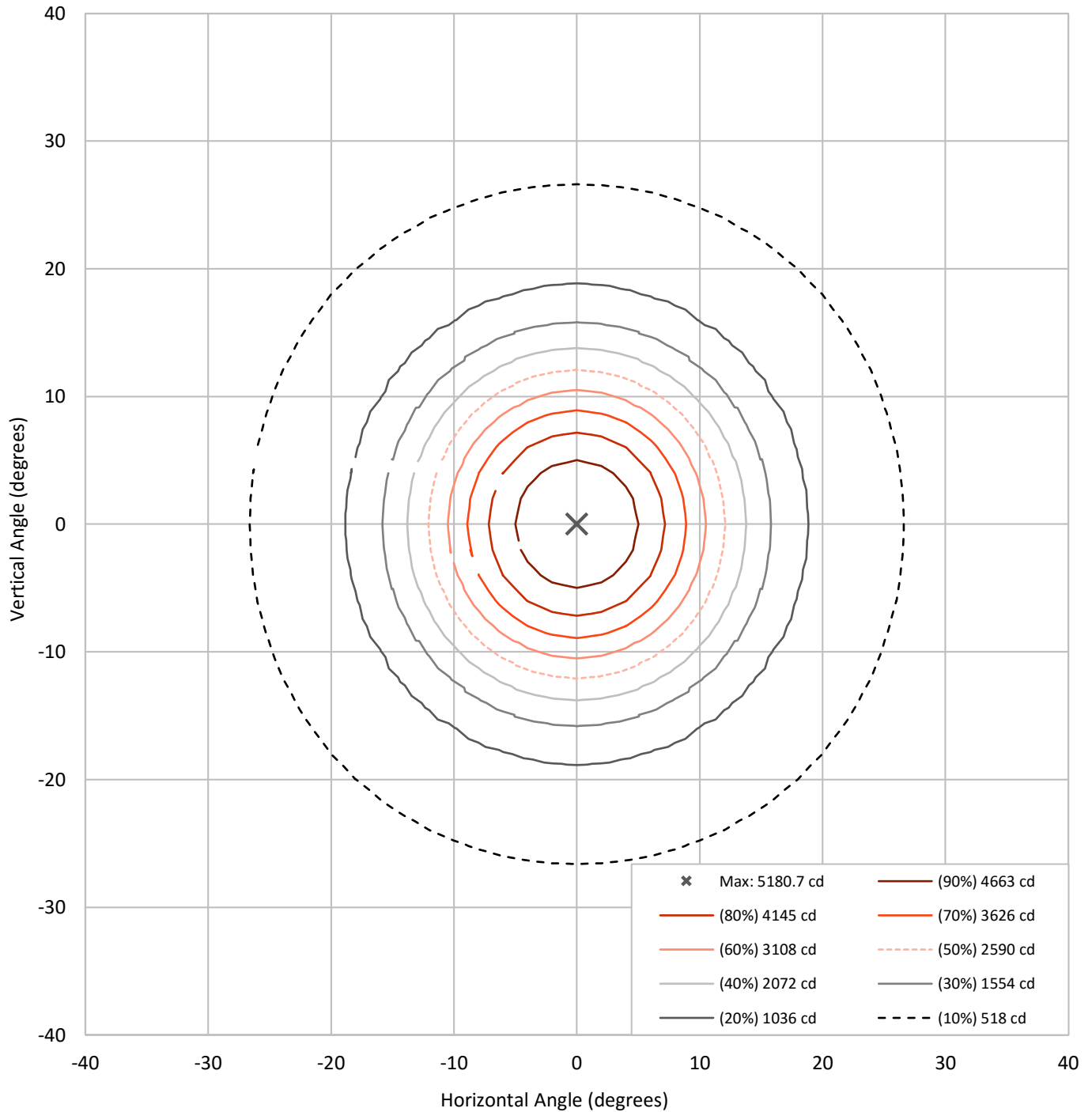
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1223.5 lumens	Max Intensity:	5180.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	534.8 lumens	Field Lumens:	1092.9 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
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		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-BK-L2-UNV

### Iso-Candela Plot





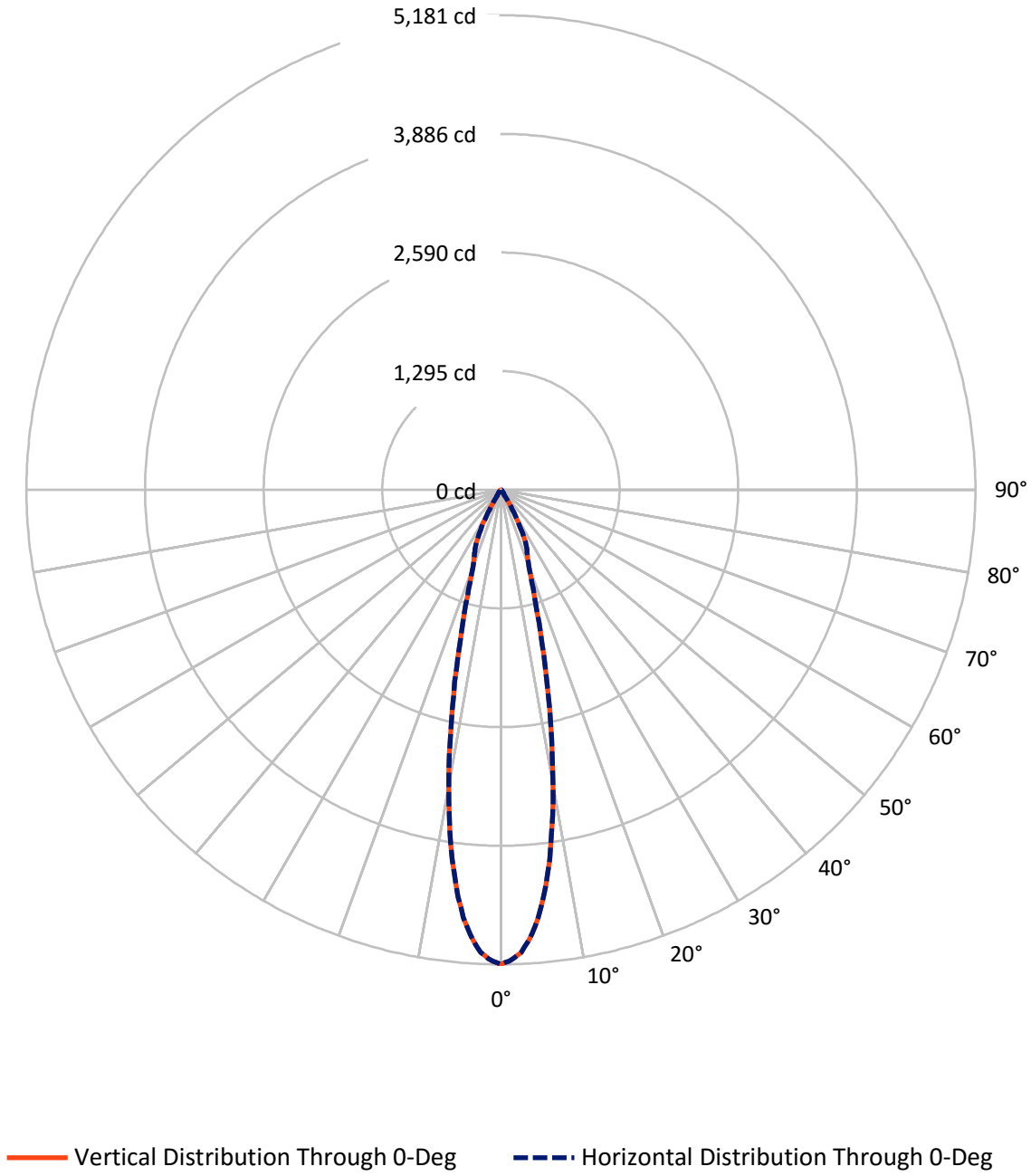
REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-BK-L2-UNV

### Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	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	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0		0.0
50	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0
40		0.0	0.1	0.1	0.2	0.4	1.0	2.0	2.0	1.0	0.4	0.2	0.1	0.1	0.0
30	0.0	0.0	0.1	0.2	0.4	2.1	10.0	17.1	17.1	10.0	2.1	0.4	0.2	0.1	0.0
20		0.0	0.1	0.2	0.9	9.4	25.8	49.2	49.2	25.8	9.4	0.9	0.2	0.1	0.0
10	0.0	0.0	0.1	0.2	1.7	15.6	47.9	118.6	118.6	47.9	15.6	1.7	0.2	0.1	0.0
0		0.0	0.1	0.2	1.7	15.6	47.9	118.6	118.6	47.9	15.6	1.7	0.2	0.1	0.0
-10	0.0	0.0	0.1	0.2	0.9	9.4	25.8	49.2	49.2	25.8	9.4	0.9	0.2	0.1	0.0
-20		0.0	0.1	0.2	0.4	2.1	10.0	17.1	17.1	10.0	2.1	0.4	0.2	0.1	0.0
-30	0.0	0.0	0.1	0.1	0.2	0.4	1.0	2.0	2.0	1.0	0.4	0.2	0.1	0.1	0.0
-40		0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
-60		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
-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	
-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	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	

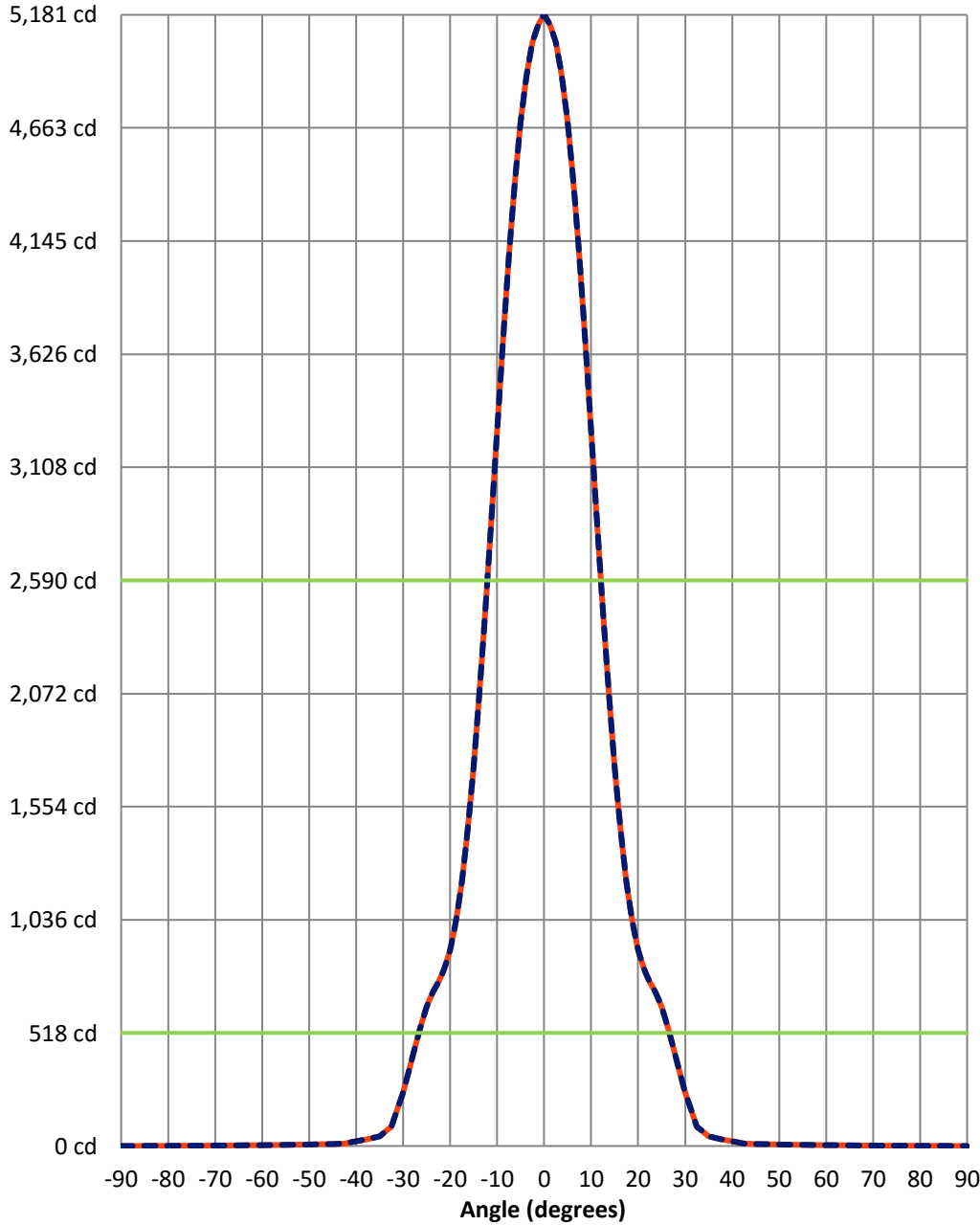
REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-BK-L2-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 24.2°  
 V Angle: 24.2°  
 Lumens: 534.8  
 Efficiency: 43.7%

**Field:**  
 H Angle: 53.3°  
 V Angle: 53.3°  
 Lumens: 1092.9  
 Efficiency: 89.3%

**Spill:**  
 Lumens: 130.6  
 Efficiency: 10.7%

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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	2
58.75°	1	1	1	1	1	1	1	1	1	2	2
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	1	1	2	2	2
55°	1	1	1	1	1	1	1	2	2	2	2
53.75°	1	1	1	1	1	1	1	2	2	2	2
52.5°	1	1	1	1	1	1	2	2	2	2	2
51.25°	1	1	1	1	1	1	2	2	2	2	2
50°	1	1	1	1	1	2	2	2	2	2	2
48.75°	1	1	1	1	1	2	2	2	2	2	2
47.5°	1	1	1	1	2	2	2	2	2	2	2
46.25°	1	1	1	1	2	2	2	2	2	2	2
45°	1	1	1	1	2	2	2	2	2	2	2
43.75°	1	1	1	2	2	2	2	2	2	2	2
42.5°	1	1	1	2	2	2	2	2	2	2	2
41.25°	1	1	1	2	2	2	2	2	2	2	2
40°	1	1	1	2	2	2	2	2	2	2	2
38.75°	1	1	2	2	2	2	2	2	2	2	2
37.5°	1	1	2	2	2	2	2	2	2	2	2
36.25°	1	1	2	2	2	2	2	2	2	2	2
35°	1	1	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	2	2	2	2	2	2	2	2	2
32.5°	1	2	2	2	2	2	2	2	2	2	2
31.25°	1	2	2	2	2	2	2	2	2	2	2
30°	1	2	2	2	2	2	2	2	2	2	2
28.75°	1	2	2	2	2	2	2	2	2	2	2
27.5°	1	2	2	2	2	2	2	2	2	2	2
26.25°	1	2	2	2	2	2	2	2	2	2	3
25°	1	2	2	2	2	2	2	2	2	2	3
23.75°	2	2	2	2	2	2	2	2	2	2	3
22.5°	2	2	2	2	2	2	2	2	2	2	3
21.25°	2	2	2	2	2	2	2	2	2	2	3
20°	2	2	2	2	2	2	2	2	2	3	3
18.75°	2	2	2	2	2	2	2	2	2	3	3
17.5°	2	2	2	2	2	2	2	2	2	3	3
16.25°	2	2	2	2	2	2	2	2	2	3	3
15°	2	2	2	2	2	2	2	2	2	3	3
13.75°	2	2	2	2	2	2	2	2	2	3	3
12.5°	2	2	2	2	2	2	2	2	2	3	3
11.25°	2	2	2	2	2	2	2	2	3	3	3
10°	2	2	2	2	2	2	2	2	3	3	3
8.75°	2	2	2	2	2	2	2	2	3	3	3
7.5°	2	2	2	2	2	2	2	2	3	3	3
6.25°	2	2	2	2	2	2	2	2	3	3	3
5°	2	2	2	2	2	2	2	2	3	3	3
3.75°	2	2	2	2	2	2	2	2	3	3	3
2.5°	2	2	2	2	2	2	2	2	3	3	3
1.25°	2	2	2	2	2	2	2	2	3	3	3
0°	2	2	2	2	2	2	2	2	3	3	3
-1.25°	2	2	2	2	2	2	2	2	3	3	3
-2.5°	2	2	2	2	2	2	2	2	3	3	3
-3.75°	2	2	2	2	2	2	2	2	3	3	3
-5°	2	2	2	2	2	2	2	2	3	3	3
-6.25°	2	2	2	2	2	2	2	2	3	3	3
-7.5°	2	2	2	2	2	2	2	2	3	3	3
-8.75°	2	2	2	2	2	2	2	2	3	3	3
-10°	2	2	2	2	2	2	2	2	3	3	3
-11.25°	2	2	2	2	2	2	2	2	3	3	3
-12.5°	2	2	2	2	2	2	2	2	2	3	3
-13.75°	2	2	2	2	2	2	2	2	2	3	3
-15°	2	2	2	2	2	2	2	2	2	3	3
-16.25°	2	2	2	2	2	2	2	2	2	3	3
-17.5°	2	2	2	2	2	2	2	2	2	3	3
-18.75°	2	2	2	2	2	2	2	2	2	3	3
-20°	2	2	2	2	2	2	2	2	2	3	3
-21.25°	2	2	2	2	2	2	2	2	2	2	3



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	2	2	2	2	2	2	2	2	2	3
-23.75°	2	2	2	2	2	2	2	2	2	2	3
-25°	1	2	2	2	2	2	2	2	2	2	3
-26.25°	1	2	2	2	2	2	2	2	2	2	3
-27.5°	1	2	2	2	2	2	2	2	2	2	2
-28.75°	1	2	2	2	2	2	2	2	2	2	2
-30°	1	2	2	2	2	2	2	2	2	2	2
-31.25°	1	2	2	2	2	2	2	2	2	2	2
-32.5°	1	2	2	2	2	2	2	2	2	2	2
-33.75°	1	1	2	2	2	2	2	2	2	2	2
-35°	1	1	2	2	2	2	2	2	2	2	2
-36.25°	1	1	2	2	2	2	2	2	2	2	2
-37.5°	1	1	2	2	2	2	2	2	2	2	2
-38.75°	1	1	2	2	2	2	2	2	2	2	2
-40°	1	1	1	2	2	2	2	2	2	2	2
-41.25°	1	1	1	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	2	2	2	2	2	2	2	2
-45°	1	1	1	1	2	2	2	2	2	2	2
-46.25°	1	1	1	1	2	2	2	2	2	2	2
-47.5°	1	1	1	1	2	2	2	2	2	2	2
-48.75°	1	1	1	1	1	2	2	2	2	2	2
-50°	1	1	1	1	1	2	2	2	2	2	2
-51.25°	1	1	1	1	1	1	2	2	2	2	2
-52.5°	1	1	1	1	1	1	2	2	2	2	2
-53.75°	1	1	1	1	1	1	1	2	2	2	2
-55°	1	1	1	1	1	1	1	2	2	2	2
-56.25°	1	1	1	1	1	1	1	1	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	2	2
-58.75°	1	1	1	1	1	1	1	1	1	2	2
-60°	1	1	1	1	1	1	1	1	1	1	2
-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	2
68.75°	1	1	1	1	1	1	1	1	2	2	2
67.5°	1	1	1	1	1	1	2	2	2	2	2
66.25°	1	1	1	1	1	2	2	2	2	2	2
65°	1	1	1	2	2	2	2	2	2	2	2
63.75°	1	1	2	2	2	2	2	2	2	2	2
62.5°	1	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	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	3
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	2	2	3	3	3
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	2	2	2	3	3	3	3	3
45°	2	2	2	2	2	2	3	3	3	3	4
43.75°	2	2	2	2	2	3	3	3	3	4	4
42.5°	2	2	2	2	3	3	3	3	4	4	4
41.25°	2	2	2	2	3	3	3	3	4	4	4
40°	2	2	2	3	3	3	3	4	4	4	4
38.75°	2	2	2	3	3	3	4	4	4	4	4
37.5°	2	2	3	3	3	3	4	4	4	4	4
36.25°	2	2	3	3	3	4	4	4	4	4	4
35°	2	2	3	3	3	4	4	4	4	4	4



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	3	3	3	3	4	4	4	4	4	4
32.5°	2	3	3	3	4	4	4	4	4	4	5
31.25°	3	3	3	3	4	4	4	4	4	4	5
30°	3	3	3	4	4	4	4	4	4	5	5
28.75°	3	3	3	4	4	4	4	4	4	5	5
27.5°	3	3	3	4	4	4	4	4	5	5	5
26.25°	3	3	4	4	4	4	4	4	5	5	5
25°	3	3	4	4	4	4	4	4	5	5	5
23.75°	3	3	4	4	4	4	4	5	5	5	6
22.5°	3	3	4	4	4	4	4	5	5	5	6
21.25°	3	4	4	4	4	4	4	5	5	5	6
20°	3	4	4	4	4	4	5	5	5	6	6
18.75°	3	4	4	4	4	4	5	5	5	6	6
17.5°	3	4	4	4	4	4	5	5	5	6	6
16.25°	3	4	4	4	4	4	5	5	6	6	6
15°	3	4	4	4	4	4	5	5	6	6	6
13.75°	4	4	4	4	4	5	5	5	6	6	6
12.5°	4	4	4	4	4	5	5	5	6	6	6
11.25°	4	4	4	4	4	5	5	5	6	6	7
10°	4	4	4	4	4	5	5	5	6	6	7
8.75°	4	4	4	4	4	5	5	6	6	6	7
7.5°	4	4	4	4	4	5	5	6	6	6	7
6.25°	4	4	4	4	4	5	5	6	6	6	7
5°	4	4	4	4	4	5	5	6	6	6	7
3.75°	4	4	4	4	4	5	5	6	6	6	7
2.5°	4	4	4	4	4	5	5	6	6	6	7
1.25°	4	4	4	4	4	5	5	6	6	6	7
0°	4	4	4	4	5	5	5	6	6	6	7
-1.25°	4	4	4	4	4	5	5	6	6	6	7
-2.5°	4	4	4	4	4	5	5	6	6	6	7
-3.75°	4	4	4	4	4	5	5	6	6	6	7
-5°	4	4	4	4	4	5	5	6	6	6	7
-6.25°	4	4	4	4	4	5	5	6	6	6	7
-7.5°	4	4	4	4	4	5	5	6	6	6	7
-8.75°	4	4	4	4	4	5	5	6	6	6	7
-10°	4	4	4	4	4	5	5	5	6	6	7
-11.25°	4	4	4	4	4	5	5	5	6	6	7
-12.5°	4	4	4	4	4	5	5	5	6	6	6
-13.75°	4	4	4	4	4	5	5	5	6	6	6
-15°	3	4	4	4	4	4	5	5	6	6	6
-16.25°	3	4	4	4	4	4	5	5	6	6	6
-17.5°	3	4	4	4	4	4	5	5	5	6	6
-18.75°	3	4	4	4	4	4	5	5	5	6	6
-20°	3	4	4	4	4	4	5	5	5	6	6
-21.25°	3	4	4	4	4	4	4	5	5	5	6





REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	3	3	4	4	4	4	4	5	5	5	6
-23.75°	3	3	4	4	4	4	4	5	5	5	6
-25°	3	3	4	4	4	4	4	4	5	5	5
-26.25°	3	3	4	4	4	4	4	4	5	5	5
-27.5°	3	3	3	4	4	4	4	4	5	5	5
-28.75°	3	3	3	4	4	4	4	4	4	5	5
-30°	3	3	3	4	4	4	4	4	4	5	5
-31.25°	3	3	3	3	4	4	4	4	4	4	5
-32.5°	2	3	3	3	4	4	4	4	4	4	5
-33.75°	2	3	3	3	3	4	4	4	4	4	4
-35°	2	2	3	3	3	4	4	4	4	4	4
-36.25°	2	2	3	3	3	4	4	4	4	4	4
-37.5°	2	2	3	3	3	3	4	4	4	4	4
-38.75°	2	2	2	3	3	3	4	4	4	4	4
-40°	2	2	2	3	3	3	3	4	4	4	4
-41.25°	2	2	2	2	3	3	3	3	4	4	4
-42.5°	2	2	2	2	3	3	3	3	4	4	4
-43.75°	2	2	2	2	2	3	3	3	3	4	4
-45°	2	2	2	2	2	2	3	3	3	3	4
-46.25°	2	2	2	2	2	2	3	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	2	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	2	2	2	2	2	2	2	2	2
-65°	1	1	1	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	2
-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	2	2	2
72.5°	1	1	1	1	2	2	2	2	2	2	2
71.25°	1	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	3	3
58.75°	2	2	2	2	2	2	2	3	3	3	3
57.5°	2	2	2	2	2	3	3	3	3	3	3
56.25°	2	2	2	2	3	3	3	3	3	3	4
55°	2	2	3	3	3	3	3	3	4	4	4
53.75°	2	3	3	3	3	3	3	4	4	4	4
52.5°	3	3	3	3	3	4	4	4	4	4	4
51.25°	3	3	3	3	4	4	4	4	4	4	4
50°	3	3	3	4	4	4	4	4	4	4	4
48.75°	3	3	4	4	4	4	4	4	4	4	4
47.5°	3	4	4	4	4	4	4	4	4	4	5
46.25°	4	4	4	4	4	4	4	4	5	5	5
45°	4	4	4	4	4	4	4	5	5	5	5
43.75°	4	4	4	4	4	4	5	5	5	5	5
42.5°	4	4	4	4	4	5	5	5	5	6	6
41.25°	4	4	4	4	5	5	5	5	6	6	6
40°	4	4	4	5	5	5	5	6	6	6	6
38.75°	4	4	5	5	5	5	6	6	6	6	6
37.5°	4	4	5	5	5	6	6	6	6	6	7
36.25°	4	5	5	5	5	6	6	6	6	7	7
35°	5	5	5	5	6	6	6	6	7	7	8



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	5	5	5	6	6	6	6	7	7	8	8
32.5°	5	5	5	6	6	6	7	7	7	8	8
31.25°	5	5	6	6	6	7	7	7	8	8	9
30°	5	6	6	6	6	7	7	8	8	9	9
28.75°	5	6	6	6	7	7	8	8	9	9	9
27.5°	6	6	6	6	7	7	8	8	9	9	10
26.25°	6	6	6	7	7	8	8	9	9	9	10
25°	6	6	6	7	7	8	8	9	9	10	11
23.75°	6	6	7	7	8	8	9	9	10	10	12
22.5°	6	6	7	7	8	8	9	9	10	11	14
21.25°	6	6	7	8	8	9	9	10	11	12	17
20°	6	7	7	8	8	9	9	10	11	14	19
18.75°	6	7	7	8	9	9	9	10	12	16	21
17.5°	6	7	8	8	9	9	10	11	14	18	23
16.25°	7	7	8	8	9	9	10	11	15	20	25
15°	7	7	8	8	9	9	10	12	17	22	26
13.75°	7	7	8	9	9	10	11	14	19	24	28
12.5°	7	8	8	9	9	10	11	15	20	25	29
11.25°	7	8	8	9	9	10	11	16	21	26	31
10°	7	8	8	9	9	10	12	18	23	27	32
8.75°	7	8	8	9	10	11	13	19	24	28	33
7.5°	7	8	9	9	10	11	14	19	24	29	35
6.25°	7	8	9	9	10	11	15	20	25	30	36
5°	7	8	9	9	10	11	16	21	26	31	37
3.75°	7	8	9	9	10	11	16	21	26	31	37
2.5°	8	8	9	9	10	11	16	22	27	31	38
1.25°	8	8	9	9	10	11	17	22	27	32	38
0°	8	8	9	9	10	11	17	22	27	32	38
-1.25°	8	8	9	9	10	11	17	22	27	32	38
-2.5°	8	8	9	9	10	11	16	22	27	31	38
-3.75°	7	8	9	9	10	11	16	21	26	31	37
-5°	7	8	9	9	10	11	16	21	26	31	37
-6.25°	7	8	9	9	10	11	15	20	25	30	36
-7.5°	7	8	9	9	10	11	14	19	24	29	35
-8.75°	7	8	8	9	10	11	13	19	24	28	33
-10°	7	8	8	9	9	10	12	18	23	27	32
-11.25°	7	8	8	9	9	10	11	16	21	26	31
-12.5°	7	8	8	9	9	10	11	15	20	25	29
-13.75°	7	7	8	9	9	10	11	14	19	24	28
-15°	7	7	8	8	9	9	10	12	17	22	26
-16.25°	7	7	8	8	9	9	10	11	15	20	25
-17.5°	6	7	8	8	9	9	10	11	14	18	23
-18.75°	6	7	7	8	9	9	9	10	12	16	21
-20°	6	7	7	8	8	9	9	10	11	14	19
-21.25°	6	6	7	8	8	9	9	10	11	12	17



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	6	6	7	7	8	8	9	9	10	11	14
-23.75°	6	6	7	7	8	8	9	9	10	10	12
-25°	6	6	6	7	7	8	8	9	9	10	11
-26.25°	6	6	6	7	7	8	8	9	9	9	10
-27.5°	6	6	6	6	7	7	8	8	9	9	10
-28.75°	5	6	6	6	7	7	8	8	9	9	9
-30°	5	6	6	6	6	7	7	8	8	9	9
-31.25°	5	5	6	6	6	7	7	7	8	8	9
-32.5°	5	5	5	6	6	6	7	7	7	8	8
-33.75°	5	5	5	6	6	6	6	7	7	8	8
-35°	5	5	5	5	6	6	6	6	7	7	8
-36.25°	4	5	5	5	5	6	6	6	6	7	7
-37.5°	4	4	5	5	5	6	6	6	6	6	7
-38.75°	4	4	5	5	5	5	6	6	6	6	6
-40°	4	4	4	5	5	5	5	6	6	6	6
-41.25°	4	4	4	4	5	5	5	5	6	6	6
-42.5°	4	4	4	4	4	5	5	5	5	6	6
-43.75°	4	4	4	4	4	4	5	5	5	5	5
-45°	4	4	4	4	4	4	4	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	5	5	5
-47.5°	3	4	4	4	4	4	4	4	4	4	5
-48.75°	3	3	4	4	4	4	4	4	4	4	4
-50°	3	3	3	4	4	4	4	4	4	4	4
-51.25°	3	3	3	3	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	4	4	4	4	4	4
-53.75°	2	3	3	3	3	3	3	4	4	4	4
-55°	2	2	3	3	3	3	3	3	4	4	4
-56.25°	2	2	2	2	3	3	3	3	3	3	4
-57.5°	2	2	2	2	2	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	2	2
75°	1	1	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	3	3	3	3
62.5°	2	2	2	3	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	4	4	4	4
58.75°	3	3	3	3	4	4	4	4	4	4	4
57.5°	3	3	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	5	5
52.5°	4	4	4	4	4	4	5	5	5	5	5
51.25°	4	4	4	4	5	5	5	5	5	5	5
50°	4	4	5	5	5	5	5	5	5	6	6
48.75°	5	5	5	5	5	5	6	6	6	6	6
47.5°	5	5	5	5	6	6	6	6	6	6	6
46.25°	5	5	5	6	6	6	6	6	6	7	7
45°	5	6	6	6	6	6	6	7	7	7	7
43.75°	6	6	6	6	6	7	7	7	7	8	8
42.5°	6	6	6	7	7	7	7	8	8	8	8
41.25°	6	6	7	7	7	8	8	8	8	9	9
40°	6	7	7	7	8	8	8	9	9	9	9
38.75°	7	7	7	8	8	9	9	9	9	10	10
37.5°	7	8	8	8	9	9	9	9	10	10	11
36.25°	8	8	8	9	9	9	10	10	11	12	14
35°	8	8	9	9	9	10	11	11	13	16	18



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°
33.75°	8	9	9	9	10	11	11	14	17	20	23
32.5°	9	9	9	10	11	12	15	18	21	24	27
31.25°	9	9	10	11	12	16	19	22	25	28	30
30°	9	10	11	12	16	19	23	26	29	31	35
28.75°	10	11	12	16	19	23	26	29	32	36	40
27.5°	11	11	15	19	23	26	29	33	37	41	45
26.25°	11	14	18	22	26	29	33	37	41	48	62
25°	13	17	21	25	29	32	37	41	48	63	78
23.75°	16	20	24	28	31	36	41	48	63	78	104
22.5°	18	23	27	30	35	40	45	62	78	104	158
21.25°	21	25	29	33	38	43	58	75	98	155	211
20°	23	27	31	37	42	53	71	88	145	204	266
18.75°	25	29	34	40	46	64	82	129	190	252	328
17.5°	27	32	37	43	57	75	106	171	234	310	390
16.25°	29	34	40	47	67	86	144	210	284	366	450
15°	31	36	42	56	76	112	180	249	334	420	505
13.75°	33	39	45	65	85	145	214	293	382	472	555
12.5°	35	41	52	73	103	175	246	336	427	517	598
11.25°	37	43	59	80	129	202	282	375	470	558	636
10°	38	44	65	86	153	227	316	411	507	592	664
8.75°	40	49	71	100	175	250	346	444	539	622	689
7.5°	41	54	75	117	193	275	373	473	566	646	706
6.25°	42	58	80	133	209	297	396	497	588	664	719
5°	43	61	83	145	222	314	415	516	606	679	730
3.75°	44	63	86	155	233	328	430	531	620	691	739
2.5°	44	65	87	162	240	338	441	541	629	697	745
1.25°	44	66	89	166	244	344	448	547	635	701	749
0°	45	67	89	167	246	346	450	550	638	702	750
-1.25°	44	66	89	166	244	344	448	547	635	701	749
-2.5°	44	65	87	162	240	338	441	541	629	697	745
-3.75°	44	63	86	155	233	328	430	531	620	691	739
-5°	43	61	83	145	222	314	415	516	606	679	730
-6.25°	42	58	80	133	209	297	396	497	588	664	719
-7.5°	41	54	75	117	193	275	373	473	566	646	706
-8.75°	40	49	71	100	175	250	346	444	539	622	689
-10°	38	44	65	86	153	227	316	411	507	592	664
-11.25°	37	43	59	80	129	202	282	375	470	558	636
-12.5°	35	41	52	73	103	175	246	336	427	517	598
-13.75°	33	39	45	65	85	145	214	293	382	472	555
-15°	31	36	42	56	76	112	180	249	334	420	505
-16.25°	29	34	40	47	67	86	144	210	284	366	450
-17.5°	27	32	37	43	57	75	106	171	234	310	390
-18.75°	25	29	34	40	46	64	82	129	190	252	328
-20°	23	27	31	37	42	53	71	88	145	204	266
-21.25°	21	25	29	33	38	43	58	75	98	155	211





REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	18	23	27	30	35	40	45	62	78	104	158
-23.75°	16	20	24	28	31	36	41	48	63	78	104
-25°	13	17	21	25	29	32	37	41	48	63	78
-26.25°	11	14	18	22	26	29	33	37	41	48	62
-27.5°	11	11	15	19	23	26	29	33	37	41	45
-28.75°	10	11	12	16	19	23	26	29	32	36	40
-30°	9	10	11	12	16	19	23	26	29	31	35
-31.25°	9	9	10	11	12	16	19	22	25	28	30
-32.5°	9	9	9	10	11	12	15	18	21	24	27
-33.75°	8	9	9	9	10	11	11	14	17	20	23
-35°	8	8	9	9	9	10	11	11	13	16	18
-36.25°	8	8	8	9	9	9	10	10	11	12	14
-37.5°	7	8	8	8	9	9	9	9	10	10	11
-38.75°	7	7	7	8	8	9	9	9	9	10	10
-40°	6	7	7	7	8	8	8	9	9	9	9
-41.25°	6	6	7	7	7	8	8	8	8	9	9
-42.5°	6	6	6	7	7	7	7	8	8	8	8
-43.75°	6	6	6	6	6	7	7	7	7	8	8
-45°	5	6	6	6	6	6	6	7	7	7	7
-46.25°	5	5	5	6	6	6	6	6	6	7	7
-47.5°	5	5	5	5	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	6	6	6	6	6
-50°	4	4	5	5	5	5	5	5	5	6	6
-51.25°	4	4	4	4	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	5	5	5	5
-53.75°	4	4	4	4	4	4	4	4	4	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	3	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	4	4	4	4
-61.25°	2	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	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	2	2	2	2	2	2
-75°	1	1	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	3	3	3
65°	2	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	5	5	5	5	5
55°	4	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	6
52.5°	5	5	5	5	6	6	6	6	6	6	6
51.25°	5	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	7	7	7
48.75°	6	6	6	6	7	7	7	7	7	7	7
47.5°	6	7	7	7	7	7	7	8	8	8	8
46.25°	7	7	7	8	8	8	8	8	8	8	8
45°	8	8	8	8	8	8	9	9	9	9	9
43.75°	8	8	9	9	9	9	9	9	9	9	10
42.5°	9	9	9	9	9	9	10	10	10	10	11
41.25°	9	9	9	10	10	10	11	11	11	12	13
40°	10	10	10	11	11	12	14	15	16	18	19
38.75°	11	11	12	14	15	17	19	20	21	23	24
37.5°	12	14	16	18	20	22	24	25	26	27	28
36.25°	17	19	21	23	25	26	28	29	31	32	33
35°	21	23	25	27	29	31	33	35	37	38	40



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	25	27	29	32	34	36	39	41	43	44	49
32.5°	29	31	34	37	40	42	45	52	59	65	71
31.25°	33	37	40	43	47	56	65	73	80	86	100
30°	38	42	46	57	67	76	85	103	129	153	175
28.75°	43	53	64	75	86	112	145	175	202	227	250
27.5°	58	71	82	106	144	180	214	246	282	316	346
26.25°	75	88	129	171	210	249	293	336	375	411	444
25°	98	145	190	234	284	334	382	427	470	507	539
23.75°	155	204	252	310	366	420	472	517	558	592	622
22.5°	211	266	328	390	450	505	555	598	636	664	689
21.25°	270	337	404	469	529	582	628	665	696	716	735
20°	337	409	479	543	599	648	687	714	737	759	783
18.75°	404	479	548	608	659	699	727	754	782	815	852
17.5°	469	543	608	662	704	735	765	803	846	893	947
16.25°	529	599	659	704	738	771	815	869	930	996	1075
15°	582	648	699	735	771	819	880	954	1040	1134	1241
13.75°	628	687	727	765	815	880	962	1062	1178	1304	1450
12.5°	665	714	754	803	869	954	1062	1193	1343	1513	1686
11.25°	696	737	782	846	930	1040	1178	1343	1536	1735	1949
10°	716	759	815	893	996	1134	1304	1513	1735	1979	2223
8.75°	735	783	852	947	1075	1241	1450	1686	1949	2223	2502
7.5°	751	807	888	998	1152	1349	1590	1860	2155	2463	2775
6.25°	765	830	925	1056	1230	1456	1718	2021	2345	2686	3029
5°	780	854	959	1104	1296	1551	1841	2168	2519	2886	3254
3.75°	793	874	986	1147	1363	1631	1942	2286	2662	3051	3438
2.5°	803	887	1008	1182	1411	1689	2016	2379	2770	3174	3576
1.25°	808	896	1024	1203	1440	1725	2064	2436	2837	3251	3660
0°	810	899	1029	1210	1450	1737	2080	2455	2859	3277	3688
-1.25°	808	896	1024	1203	1440	1725	2064	2436	2837	3251	3660
-2.5°	803	887	1008	1182	1411	1689	2016	2379	2770	3174	3576
-3.75°	793	874	986	1147	1363	1631	1942	2286	2662	3051	3438
-5°	780	854	959	1104	1296	1551	1841	2168	2519	2886	3254
-6.25°	765	830	925	1056	1230	1456	1718	2021	2345	2686	3029
-7.5°	751	807	888	998	1152	1349	1590	1860	2155	2463	2775
-8.75°	735	783	852	947	1075	1241	1450	1686	1949	2223	2502
-10°	716	759	815	893	996	1134	1304	1513	1735	1979	2223
-11.25°	696	737	782	846	930	1040	1178	1343	1536	1735	1949
-12.5°	665	714	754	803	869	954	1062	1193	1343	1513	1686
-13.75°	628	687	727	765	815	880	962	1062	1178	1304	1450
-15°	582	648	699	735	771	819	880	954	1040	1134	1241
-16.25°	529	599	659	704	738	771	815	869	930	996	1075
-17.5°	469	543	608	662	704	735	765	803	846	893	947
-18.75°	404	479	548	608	659	699	727	754	782	815	852
-20°	337	409	479	543	599	648	687	714	737	759	783
-21.25°	270	337	404	469	529	582	628	665	696	716	735



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	211	266	328	390	450	505	555	598	636	664	689
-23.75°	155	204	252	310	366	420	472	517	558	592	622
-25°	98	145	190	234	284	334	382	427	470	507	539
-26.25°	75	88	129	171	210	249	293	336	375	411	444
-27.5°	58	71	82	106	144	180	214	246	282	316	346
-28.75°	43	53	64	75	86	112	145	175	202	227	250
-30°	38	42	46	57	67	76	85	103	129	153	175
-31.25°	33	37	40	43	47	56	65	73	80	86	100
-32.5°	29	31	34	37	40	42	45	52	59	65	71
-33.75°	25	27	29	32	34	36	39	41	43	44	49
-35°	21	23	25	27	29	31	33	35	37	38	40
-36.25°	17	19	21	23	25	26	28	29	31	32	33
-37.5°	12	14	16	18	20	22	24	25	26	27	28
-38.75°	11	11	12	14	15	17	19	20	21	23	24
-40°	10	10	10	11	11	12	14	15	16	18	19
-41.25°	9	9	9	10	10	10	11	11	11	12	13
-42.5°	9	9	9	9	9	9	10	10	10	10	11
-43.75°	8	8	9	9	9	9	9	9	9	9	10
-45°	8	8	8	8	8	8	9	9	9	9	9
-46.25°	7	7	7	8	8	8	8	8	8	8	8
-47.5°	6	7	7	7	7	7	7	8	8	8	8
-48.75°	6	6	6	6	7	7	7	7	7	7	7
-50°	6	6	6	6	6	6	6	6	7	7	7
-51.25°	5	6	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	6
-55°	4	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	4	4	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	3	3	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	3	3	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	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	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	2	1	1	1	1
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
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	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	5	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	7	7	7	7	7	7	7	7	7	7	7
48.75°	7	7	7	7	8	8	8	8	8	7	7
47.5°	8	8	8	8	8	8	8	8	8	8	8
46.25°	9	9	9	9	9	9	9	9	9	9	9
45°	9	9	9	9	9	9	9	9	9	9	9
43.75°	10	10	10	10	10	10	10	10	10	10	10
42.5°	11	11	11	11	11	11	11	11	11	11	11
41.25°	14	15	16	16	16	17	17	17	16	16	16
40°	19	20	21	21	22	22	22	22	22	21	21
38.75°	24	25	26	26	27	27	27	27	27	26	26
37.5°	29	30	31	31	31	32	32	32	31	31	31
36.25°	35	36	37	37	38	38	38	38	38	37	37
35°	41	42	43	44	44	44	45	44	44	44	43



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	54	58	61	63	65	66	67	66	65	63	61
32.5°	75	80	83	86	87	89	89	89	87	86	83
31.25°	117	133	145	155	162	166	167	166	162	155	145
30°	193	209	222	233	240	244	246	244	240	233	222
28.75°	275	297	314	328	338	344	346	344	338	328	314
27.5°	373	396	415	430	441	448	450	448	441	430	415
26.25°	473	497	516	531	541	547	550	547	541	531	516
25°	566	588	606	620	629	635	638	635	629	620	606
23.75°	646	664	679	691	697	701	702	701	697	691	679
22.5°	706	719	730	739	745	749	750	749	745	739	730
21.25°	751	765	780	793	803	808	810	808	803	793	780
20°	807	830	854	874	887	896	899	896	887	874	854
18.75°	888	925	959	986	1008	1024	1029	1024	1008	986	959
17.5°	998	1056	1104	1147	1182	1203	1210	1203	1182	1147	1104
16.25°	1152	1230	1296	1363	1411	1440	1450	1440	1411	1363	1296
15°	1349	1456	1551	1631	1689	1725	1737	1725	1689	1631	1551
13.75°	1590	1718	1841	1942	2016	2064	2080	2064	2016	1942	1841
12.5°	1860	2021	2168	2286	2379	2436	2455	2436	2379	2286	2168
11.25°	2155	2345	2519	2662	2770	2837	2859	2837	2770	2662	2519
10°	2463	2686	2886	3051	3174	3251	3277	3251	3174	3051	2886
8.75°	2775	3029	3254	3438	3576	3660	3688	3660	3576	3438	3254
7.5°	3078	3359	3607	3806	3956	4043	4073	4043	3956	3806	3607
6.25°	3359	3663	3928	4136	4288	4379	4411	4379	4288	4136	3928
5°	3607	3928	4199	4411	4563	4657	4690	4657	4563	4411	4199
3.75°	3806	4136	4411	4625	4778	4874	4903	4874	4778	4625	4411
2.5°	3956	4288	4563	4778	4934	5028	5053	5028	4934	4778	4563
1.25°	4043	4379	4657	4874	5028	5108	5136	5108	5028	4874	4657
0°	4073	4411	4690	4903	5053	5136	5181	5136	5053	4903	4690
-1.25°	4043	4379	4657	4874	5028	5108	5136	5108	5028	4874	4657
-2.5°	3956	4288	4563	4778	4934	5028	5053	5028	4934	4778	4563
-3.75°	3806	4136	4411	4625	4778	4874	4903	4874	4778	4625	4411
-5°	3607	3928	4199	4411	4563	4657	4690	4657	4563	4411	4199
-6.25°	3359	3663	3928	4136	4288	4379	4411	4379	4288	4136	3928
-7.5°	3078	3359	3607	3806	3956	4043	4073	4043	3956	3806	3607
-8.75°	2775	3029	3254	3438	3576	3660	3688	3660	3576	3438	3254
-10°	2463	2686	2886	3051	3174	3251	3277	3251	3174	3051	2886
-11.25°	2155	2345	2519	2662	2770	2837	2859	2837	2770	2662	2519
-12.5°	1860	2021	2168	2286	2379	2436	2455	2436	2379	2286	2168
-13.75°	1590	1718	1841	1942	2016	2064	2080	2064	2016	1942	1841
-15°	1349	1456	1551	1631	1689	1725	1737	1725	1689	1631	1551
-16.25°	1152	1230	1296	1363	1411	1440	1450	1440	1411	1363	1296
-17.5°	998	1056	1104	1147	1182	1203	1210	1203	1182	1147	1104
-18.75°	888	925	959	986	1008	1024	1029	1024	1008	986	959
-20°	807	830	854	874	887	896	899	896	887	874	854
-21.25°	751	765	780	793	803	808	810	808	803	793	780





REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	706	719	730	739	745	749	750	749	745	739	730
-23.75°	646	664	679	691	697	701	702	701	697	691	679
-25°	566	588	606	620	629	635	638	635	629	620	606
-26.25°	473	497	516	531	541	547	550	547	541	531	516
-27.5°	373	396	415	430	441	448	450	448	441	430	415
-28.75°	275	297	314	328	338	344	346	344	338	328	314
-30°	193	209	222	233	240	244	246	244	240	233	222
-31.25°	117	133	145	155	162	166	167	166	162	155	145
-32.5°	75	80	83	86	87	89	89	89	87	86	83
-33.75°	54	58	61	63	65	66	67	66	65	63	61
-35°	41	42	43	44	44	44	45	44	44	44	43
-36.25°	35	36	37	37	38	38	38	38	38	37	37
-37.5°	29	30	31	31	31	32	32	32	31	31	31
-38.75°	24	25	26	26	27	27	27	27	27	26	26
-40°	19	20	21	21	22	22	22	22	22	21	21
-41.25°	14	15	16	16	16	17	17	17	16	16	16
-42.5°	11	11	11	11	11	11	11	11	11	11	11
-43.75°	10	10	10	10	10	10	10	10	10	10	10
-45°	9	9	9	9	9	9	9	9	9	9	9
-46.25°	9	9	9	9	9	9	9	9	9	9	9
-47.5°	8	8	8	8	8	8	8	8	8	8	8
-48.75°	7	7	7	7	8	8	8	8	8	7	7
-50°	7	7	7	7	7	7	7	7	7	7	7
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	5	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	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	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	2	1	1	1	1



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	3	3	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°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	5	5	5	4	4	4	4
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	5	5
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	7	7	7	7	7	6	6	6	6	6	6
48.75°	7	7	7	7	7	7	7	7	7	6	6
47.5°	8	8	8	8	8	8	7	7	7	7	7
46.25°	9	9	8	8	8	8	8	8	8	8	7
45°	9	9	9	9	9	9	9	8	8	8	8
43.75°	10	10	10	9	9	9	9	9	9	9	9
42.5°	11	11	11	10	10	10	10	9	9	9	9
41.25°	15	14	13	12	11	11	11	10	10	10	9
40°	20	19	19	18	16	15	14	12	11	11	10
38.75°	25	24	24	23	21	20	19	17	15	14	12
37.5°	30	29	28	27	26	25	24	22	20	18	16
36.25°	36	35	33	32	31	29	28	26	25	23	21
35°	42	41	40	38	37	35	33	31	29	27	25



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	58	54	49	44	43	41	39	36	34	32	29
32.5°	80	75	71	65	59	52	45	42	40	37	34
31.25°	133	117	100	86	80	73	65	56	47	43	40
30°	209	193	175	153	129	103	85	76	67	57	46
28.75°	297	275	250	227	202	175	145	112	86	75	64
27.5°	396	373	346	316	282	246	214	180	144	106	82
26.25°	497	473	444	411	375	336	293	249	210	171	129
25°	588	566	539	507	470	427	382	334	284	234	190
23.75°	664	646	622	592	558	517	472	420	366	310	252
22.5°	719	706	689	664	636	598	555	505	450	390	328
21.25°	765	751	735	716	696	665	628	582	529	469	404
20°	830	807	783	759	737	714	687	648	599	543	479
18.75°	925	888	852	815	782	754	727	699	659	608	548
17.5°	1056	998	947	893	846	803	765	735	704	662	608
16.25°	1230	1152	1075	996	930	869	815	771	738	704	659
15°	1456	1349	1241	1134	1040	954	880	819	771	735	699
13.75°	1718	1590	1450	1304	1178	1062	962	880	815	765	727
12.5°	2021	1860	1686	1513	1343	1193	1062	954	869	803	754
11.25°	2345	2155	1949	1735	1536	1343	1178	1040	930	846	782
10°	2686	2463	2223	1979	1735	1513	1304	1134	996	893	815
8.75°	3029	2775	2502	2223	1949	1686	1450	1241	1075	947	852
7.5°	3359	3078	2775	2463	2155	1860	1590	1349	1152	998	888
6.25°	3663	3359	3029	2686	2345	2021	1718	1456	1230	1056	925
5°	3928	3607	3254	2886	2519	2168	1841	1551	1296	1104	959
3.75°	4136	3806	3438	3051	2662	2286	1942	1631	1363	1147	986
2.5°	4288	3956	3576	3174	2770	2379	2016	1689	1411	1182	1008
1.25°	4379	4043	3660	3251	2837	2436	2064	1725	1440	1203	1024
0°	4411	4073	3688	3277	2859	2455	2080	1737	1450	1210	1029
-1.25°	4379	4043	3660	3251	2837	2436	2064	1725	1440	1203	1024
-2.5°	4288	3956	3576	3174	2770	2379	2016	1689	1411	1182	1008
-3.75°	4136	3806	3438	3051	2662	2286	1942	1631	1363	1147	986
-5°	3928	3607	3254	2886	2519	2168	1841	1551	1296	1104	959
-6.25°	3663	3359	3029	2686	2345	2021	1718	1456	1230	1056	925
-7.5°	3359	3078	2775	2463	2155	1860	1590	1349	1152	998	888
-8.75°	3029	2775	2502	2223	1949	1686	1450	1241	1075	947	852
-10°	2686	2463	2223	1979	1735	1513	1304	1134	996	893	815
-11.25°	2345	2155	1949	1735	1536	1343	1178	1040	930	846	782
-12.5°	2021	1860	1686	1513	1343	1193	1062	954	869	803	754
-13.75°	1718	1590	1450	1304	1178	1062	962	880	815	765	727
-15°	1456	1349	1241	1134	1040	954	880	819	771	735	699
-16.25°	1230	1152	1075	996	930	869	815	771	738	704	659
-17.5°	1056	998	947	893	846	803	765	735	704	662	608
-18.75°	925	888	852	815	782	754	727	699	659	608	548
-20°	830	807	783	759	737	714	687	648	599	543	479
-21.25°	765	751	735	716	696	665	628	582	529	469	404



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	719	706	689	664	636	598	555	505	450	390	328
-23.75°	664	646	622	592	558	517	472	420	366	310	252
-25°	588	566	539	507	470	427	382	334	284	234	190
-26.25°	497	473	444	411	375	336	293	249	210	171	129
-27.5°	396	373	346	316	282	246	214	180	144	106	82
-28.75°	297	275	250	227	202	175	145	112	86	75	64
-30°	209	193	175	153	129	103	85	76	67	57	46
-31.25°	133	117	100	86	80	73	65	56	47	43	40
-32.5°	80	75	71	65	59	52	45	42	40	37	34
-33.75°	58	54	49	44	43	41	39	36	34	32	29
-35°	42	41	40	38	37	35	33	31	29	27	25
-36.25°	36	35	33	32	31	29	28	26	25	23	21
-37.5°	30	29	28	27	26	25	24	22	20	18	16
-38.75°	25	24	24	23	21	20	19	17	15	14	12
-40°	20	19	19	18	16	15	14	12	11	11	10
-41.25°	15	14	13	12	11	11	11	10	10	10	9
-42.5°	11	11	11	10	10	10	10	9	9	9	9
-43.75°	10	10	10	9	9	9	9	9	9	9	9
-45°	9	9	9	9	9	9	9	8	8	8	8
-46.25°	9	9	8	8	8	8	8	8	8	8	7
-47.5°	8	8	8	8	8	8	7	7	7	7	7
-48.75°	7	7	7	7	7	7	7	7	7	6	6
-50°	7	7	7	7	7	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	5	5
-53.75°	6	6	6	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	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	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	2	2	2	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°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	3	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	4	4	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	3	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	5	4	4	4	4	4	4	4	4	4	4
53.75°	5	5	5	5	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	4	4	4	4
51.25°	6	5	5	5	5	5	5	5	5	4	4
50°	6	6	6	6	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	6	6	5	5	5	5
47.5°	7	6	6	6	6	6	6	6	6	5	5
46.25°	7	7	7	7	6	6	6	6	6	6	5
45°	8	8	7	7	7	7	6	6	6	6	6
43.75°	8	8	8	8	7	7	7	7	6	6	6
42.5°	9	9	8	8	8	8	7	7	7	7	6
41.25°	9	9	9	9	8	8	8	8	7	7	7
40°	10	10	9	9	9	9	8	8	8	7	7
38.75°	11	11	10	10	9	9	9	9	8	8	7
37.5°	14	12	11	10	10	9	9	9	9	8	8
36.25°	19	17	14	12	11	10	10	9	9	9	8
35°	23	21	18	16	13	11	11	10	9	9	9



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	27	25	23	20	17	14	11	11	10	9	9
32.5°	31	29	27	24	21	18	15	12	11	10	9
31.25°	37	33	30	28	25	22	19	16	12	11	10
30°	42	38	35	31	29	26	23	19	16	12	11
28.75°	53	43	40	36	32	29	26	23	19	16	12
27.5°	71	58	45	41	37	33	29	26	23	19	15
26.25°	88	75	62	48	41	37	33	29	26	22	18
25°	145	98	78	63	48	41	37	32	29	25	21
23.75°	204	155	104	78	63	48	41	36	31	28	24
22.5°	266	211	158	104	78	62	45	40	35	30	27
21.25°	337	270	211	155	98	75	58	43	38	33	29
20°	409	337	266	204	145	88	71	53	42	37	31
18.75°	479	404	328	252	190	129	82	64	46	40	34
17.5°	543	469	390	310	234	171	106	75	57	43	37
16.25°	599	529	450	366	284	210	144	86	67	47	40
15°	648	582	505	420	334	249	180	112	76	56	42
13.75°	687	628	555	472	382	293	214	145	85	65	45
12.5°	714	665	598	517	427	336	246	175	103	73	52
11.25°	737	696	636	558	470	375	282	202	129	80	59
10°	759	716	664	592	507	411	316	227	153	86	65
8.75°	783	735	689	622	539	444	346	250	175	100	71
7.5°	807	751	706	646	566	473	373	275	193	117	75
6.25°	830	765	719	664	588	497	396	297	209	133	80
5°	854	780	730	679	606	516	415	314	222	145	83
3.75°	874	793	739	691	620	531	430	328	233	155	86
2.5°	887	803	745	697	629	541	441	338	240	162	87
1.25°	896	808	749	701	635	547	448	344	244	166	89
0°	899	810	750	702	638	550	450	346	246	167	89
-1.25°	896	808	749	701	635	547	448	344	244	166	89
-2.5°	887	803	745	697	629	541	441	338	240	162	87
-3.75°	874	793	739	691	620	531	430	328	233	155	86
-5°	854	780	730	679	606	516	415	314	222	145	83
-6.25°	830	765	719	664	588	497	396	297	209	133	80
-7.5°	807	751	706	646	566	473	373	275	193	117	75
-8.75°	783	735	689	622	539	444	346	250	175	100	71
-10°	759	716	664	592	507	411	316	227	153	86	65
-11.25°	737	696	636	558	470	375	282	202	129	80	59
-12.5°	714	665	598	517	427	336	246	175	103	73	52
-13.75°	687	628	555	472	382	293	214	145	85	65	45
-15°	648	582	505	420	334	249	180	112	76	56	42
-16.25°	599	529	450	366	284	210	144	86	67	47	40
-17.5°	543	469	390	310	234	171	106	75	57	43	37
-18.75°	479	404	328	252	190	129	82	64	46	40	34
-20°	409	337	266	204	145	88	71	53	42	37	31
-21.25°	337	270	211	155	98	75	58	43	38	33	29





REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	266	211	158	104	78	62	45	40	35	30	27
-23.75°	204	155	104	78	63	48	41	36	31	28	24
-25°	145	98	78	63	48	41	37	32	29	25	21
-26.25°	88	75	62	48	41	37	33	29	26	22	18
-27.5°	71	58	45	41	37	33	29	26	23	19	15
-28.75°	53	43	40	36	32	29	26	23	19	16	12
-30°	42	38	35	31	29	26	23	19	16	12	11
-31.25°	37	33	30	28	25	22	19	16	12	11	10
-32.5°	31	29	27	24	21	18	15	12	11	10	9
-33.75°	27	25	23	20	17	14	11	11	10	9	9
-35°	23	21	18	16	13	11	11	10	9	9	9
-36.25°	19	17	14	12	11	10	10	9	9	9	8
-37.5°	14	12	11	10	10	9	9	9	9	8	8
-38.75°	11	11	10	10	9	9	9	9	8	8	7
-40°	10	10	9	9	9	9	8	8	8	7	7
-41.25°	9	9	9	9	8	8	8	8	7	7	7
-42.5°	9	9	8	8	8	8	7	7	7	7	6
-43.75°	8	8	8	8	7	7	7	7	6	6	6
-45°	8	8	7	7	7	7	6	6	6	6	6
-46.25°	7	7	7	7	6	6	6	6	6	6	5
-47.5°	7	6	6	6	6	6	6	6	6	5	5
-48.75°	6	6	6	6	6	6	6	5	5	5	5
-50°	6	6	6	6	5	5	5	5	5	5	5
-51.25°	6	5	5	5	5	5	5	5	5	4	4
-52.5°	5	5	5	5	5	5	5	4	4	4	4
-53.75°	5	5	5	5	4	4	4	4	4	4	4
-55°	5	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	3	3
-60°	4	4	4	4	4	4	3	3	3	3	3
-61.25°	4	4	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	2
-63.75°	3	3	3	3	3	3	2	2	2	2	2
-65°	3	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	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	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	2	2	2	2	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	2	2	2
56.25°	4	4	4	3	3	3	3	3	3	2	2
55°	4	4	4	4	4	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	3	3
50°	4	4	4	4	4	4	4	4	4	4	3
48.75°	5	5	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	4	4	4	4	4	4
45°	6	5	5	5	5	5	4	4	4	4	4
43.75°	6	6	5	5	5	5	5	4	4	4	4
42.5°	6	6	6	6	5	5	5	5	4	4	4
41.25°	6	6	6	6	6	5	5	5	5	4	4
40°	7	6	6	6	6	6	5	5	5	5	4
38.75°	7	7	6	6	6	6	6	5	5	5	5
37.5°	8	7	7	6	6	6	6	6	5	5	5
36.25°	8	8	7	7	6	6	6	6	5	5	5
35°	8	8	8	7	7	6	6	6	6	5	5



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	9	8	8	8	7	7	6	6	6	6	5
32.5°	9	9	8	8	7	7	7	6	6	6	5
31.25°	9	9	9	8	8	7	7	7	6	6	6
30°	10	9	9	9	8	8	7	7	6	6	6
28.75°	11	10	9	9	9	8	8	7	7	6	6
27.5°	11	11	10	9	9	8	8	7	7	6	6
26.25°	14	11	10	9	9	9	8	8	7	7	6
25°	17	13	11	10	9	9	8	8	7	7	6
23.75°	20	16	12	10	10	9	9	8	8	7	7
22.5°	23	18	14	11	10	9	9	8	8	7	7
21.25°	25	21	17	12	11	10	9	9	8	8	7
20°	27	23	19	14	11	10	9	9	8	8	7
18.75°	29	25	21	16	12	10	9	9	9	8	7
17.5°	32	27	23	18	14	11	10	9	9	8	8
16.25°	34	29	25	20	15	11	10	9	9	8	8
15°	36	31	26	22	17	12	10	9	9	8	8
13.75°	39	33	28	24	19	14	11	10	9	9	8
12.5°	41	35	29	25	20	15	11	10	9	9	8
11.25°	43	37	31	26	21	16	11	10	9	9	8
10°	44	38	32	27	23	18	12	10	9	9	8
8.75°	49	40	33	28	24	19	13	11	10	9	8
7.5°	54	41	35	29	24	19	14	11	10	9	9
6.25°	58	42	36	30	25	20	15	11	10	9	9
5°	61	43	37	31	26	21	16	11	10	9	9
3.75°	63	44	37	31	26	21	16	11	10	9	9
2.5°	65	44	38	31	27	22	16	11	10	9	9
1.25°	66	44	38	32	27	22	17	11	10	9	9
0°	67	45	38	32	27	22	17	11	10	9	9
-1.25°	66	44	38	32	27	22	17	11	10	9	9
-2.5°	65	44	38	31	27	22	16	11	10	9	9
-3.75°	63	44	37	31	26	21	16	11	10	9	9
-5°	61	43	37	31	26	21	16	11	10	9	9
-6.25°	58	42	36	30	25	20	15	11	10	9	9
-7.5°	54	41	35	29	24	19	14	11	10	9	9
-8.75°	49	40	33	28	24	19	13	11	10	9	8
-10°	44	38	32	27	23	18	12	10	9	9	8
-11.25°	43	37	31	26	21	16	11	10	9	9	8
-12.5°	41	35	29	25	20	15	11	10	9	9	8
-13.75°	39	33	28	24	19	14	11	10	9	9	8
-15°	36	31	26	22	17	12	10	9	9	8	8
-16.25°	34	29	25	20	15	11	10	9	9	8	8
-17.5°	32	27	23	18	14	11	10	9	9	8	8
-18.75°	29	25	21	16	12	10	9	9	9	8	7
-20°	27	23	19	14	11	10	9	9	8	8	7
-21.25°	25	21	17	12	11	10	9	9	8	8	7



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	23	18	14	11	10	9	9	8	8	7	7
-23.75°	20	16	12	10	10	9	9	8	8	7	7
-25°	17	13	11	10	9	9	8	8	7	7	6
-26.25°	14	11	10	9	9	9	8	8	7	7	6
-27.5°	11	11	10	9	9	8	8	7	7	6	6
-28.75°	11	10	9	9	9	8	8	7	7	6	6
-30°	10	9	9	9	8	8	7	7	6	6	6
-31.25°	9	9	9	8	8	7	7	7	6	6	6
-32.5°	9	9	8	8	7	7	7	6	6	6	5
-33.75°	9	8	8	8	7	7	6	6	6	6	5
-35°	8	8	8	7	7	6	6	6	6	5	5
-36.25°	8	8	7	7	6	6	6	6	5	5	5
-37.5°	8	7	7	6	6	6	6	6	5	5	5
-38.75°	7	7	6	6	6	6	6	5	5	5	5
-40°	7	6	6	6	6	6	5	5	5	5	4
-41.25°	6	6	6	6	6	5	5	5	5	4	4
-42.5°	6	6	6	6	5	5	5	5	4	4	4
-43.75°	6	6	5	5	5	5	5	4	4	4	4
-45°	6	5	5	5	5	5	4	4	4	4	4
-46.25°	5	5	5	5	5	4	4	4	4	4	4
-47.5°	5	5	5	4	4	4	4	4	4	4	4
-48.75°	5	5	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	3
-51.25°	4	4	4	4	4	4	4	4	4	3	3
-52.5°	4	4	4	4	4	4	4	4	3	3	3
-53.75°	4	4	4	4	4	4	3	3	3	3	3
-55°	4	4	4	4	4	3	3	3	3	3	3
-56.25°	4	4	4	3	3	3	3	3	3	2	2
-57.5°	3	3	3	3	3	3	3	3	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	2
-61.25°	3	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	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	1	1
-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	1
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	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°	3	2	2	2	2	2	2	2	2	2	2
52.5°	3	3	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	2	2	2	2	2	2
47.5°	4	3	3	3	3	3	2	2	2	2	2
46.25°	4	4	3	3	3	3	3	2	2	2	2
45°	4	4	4	3	3	3	3	2	2	2	2
43.75°	4	4	4	4	3	3	3	3	2	2	2
42.5°	4	4	4	4	4	3	3	3	3	2	2
41.25°	4	4	4	4	4	3	3	3	3	2	2
40°	4	4	4	4	4	4	3	3	3	3	2
38.75°	4	4	4	4	4	4	4	3	3	3	2
37.5°	4	4	4	4	4	4	4	3	3	3	3
36.25°	5	4	4	4	4	4	4	4	3	3	3
35°	5	5	4	4	4	4	4	4	3	3	3



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	5	5	4	4	4	4	4	4	3	3	3
32.5°	5	5	5	4	4	4	4	4	4	3	3
31.25°	5	5	5	4	4	4	4	4	4	3	3
30°	6	5	5	5	4	4	4	4	4	4	3
28.75°	6	5	5	5	4	4	4	4	4	4	3
27.5°	6	6	5	5	5	4	4	4	4	4	3
26.25°	6	6	5	5	5	4	4	4	4	4	4
25°	6	6	5	5	5	4	4	4	4	4	4
23.75°	6	6	6	5	5	5	4	4	4	4	4
22.5°	6	6	6	5	5	5	4	4	4	4	4
21.25°	6	6	6	5	5	5	4	4	4	4	4
20°	7	6	6	6	5	5	5	4	4	4	4
18.75°	7	6	6	6	5	5	5	4	4	4	4
17.5°	7	6	6	6	5	5	5	4	4	4	4
16.25°	7	7	6	6	6	5	5	4	4	4	4
15°	7	7	6	6	6	5	5	4	4	4	4
13.75°	7	7	6	6	6	5	5	5	4	4	4
12.5°	8	7	6	6	6	5	5	5	4	4	4
11.25°	8	7	7	6	6	5	5	5	4	4	4
10°	8	7	7	6	6	5	5	5	4	4	4
8.75°	8	7	7	6	6	6	5	5	4	4	4
7.5°	8	7	7	6	6	6	5	5	4	4	4
6.25°	8	7	7	6	6	6	5	5	4	4	4
5°	8	7	7	6	6	6	5	5	4	4	4
3.75°	8	7	7	6	6	6	5	5	4	4	4
2.5°	8	8	7	6	6	6	5	5	4	4	4
1.25°	8	8	7	6	6	6	5	5	4	4	4
0°	8	8	7	6	6	6	5	5	5	4	4
-1.25°	8	8	7	6	6	6	5	5	4	4	4
-2.5°	8	8	7	6	6	6	5	5	4	4	4
-3.75°	8	7	7	6	6	6	5	5	4	4	4
-5°	8	7	7	6	6	6	5	5	4	4	4
-6.25°	8	7	7	6	6	6	5	5	4	4	4
-7.5°	8	7	7	6	6	6	5	5	4	4	4
-8.75°	8	7	7	6	6	6	5	5	4	4	4
-10°	8	7	7	6	6	5	5	5	4	4	4
-11.25°	8	7	7	6	6	5	5	5	4	4	4
-12.5°	8	7	6	6	6	5	5	5	4	4	4
-13.75°	7	7	6	6	6	5	5	5	4	4	4
-15°	7	7	6	6	6	5	5	4	4	4	4
-16.25°	7	7	6	6	6	5	5	4	4	4	4
-17.5°	7	6	6	6	5	5	5	4	4	4	4
-18.75°	7	6	6	6	5	5	5	4	4	4	4
-20°	7	6	6	6	5	5	5	4	4	4	4
-21.25°	6	6	6	5	5	5	4	4	4	4	4





REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	6	6	6	5	5	5	4	4	4	4	4
-23.75°	6	6	6	5	5	5	4	4	4	4	4
-25°	6	6	5	5	5	4	4	4	4	4	4
-26.25°	6	6	5	5	5	4	4	4	4	4	4
-27.5°	6	6	5	5	5	4	4	4	4	4	3
-28.75°	6	5	5	5	4	4	4	4	4	4	3
-30°	6	5	5	5	4	4	4	4	4	4	3
-31.25°	5	5	5	4	4	4	4	4	4	3	3
-32.5°	5	5	5	4	4	4	4	4	4	3	3
-33.75°	5	5	4	4	4	4	4	4	3	3	3
-35°	5	5	4	4	4	4	4	4	3	3	3
-36.25°	5	4	4	4	4	4	4	4	3	3	3
-37.5°	4	4	4	4	4	4	4	3	3	3	3
-38.75°	4	4	4	4	4	4	4	3	3	3	2
-40°	4	4	4	4	4	4	3	3	3	3	2
-41.25°	4	4	4	4	4	3	3	3	3	2	2
-42.5°	4	4	4	4	4	3	3	3	3	2	2
-43.75°	4	4	4	4	3	3	3	3	2	2	2
-45°	4	4	4	3	3	3	3	2	2	2	2
-46.25°	4	4	3	3	3	3	3	2	2	2	2
-47.5°	4	3	3	3	3	3	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	3	2	2	2	2	2	2	2	2	2
-53.75°	3	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°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	1
-66.25°	2	2	2	2	2	2	2	2	1	1	1
-67.5°	2	2	2	2	2	2	2	1	1	1	1
-68.75°	2	2	2	2	2	1	1	1	1	1	1
-70°	2	2	2	1	1	1	1	1	1	1	1
-71.25°	2	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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	1	1	1	1	1	1	1	1	1	1
61.25°	2	2	1	1	1	1	1	1	1	1	1
60°	2	2	2	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	1	1	1	1	1	1	1
57.5°	2	2	2	2	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	1	1	1	1	1	1
55°	2	2	2	2	2	2	1	1	1	1	1
53.75°	2	2	2	2	2	2	1	1	1	1	1
52.5°	2	2	2	2	2	2	2	1	1	1	1
51.25°	2	2	2	2	2	2	2	1	1	1	1
50°	2	2	2	2	2	2	2	2	1	1	1
48.75°	2	2	2	2	2	2	2	2	1	1	1
47.5°	2	2	2	2	2	2	2	2	2	1	1
46.25°	2	2	2	2	2	2	2	2	2	1	1
45°	2	2	2	2	2	2	2	2	2	1	1
43.75°	2	2	2	2	2	2	2	2	2	2	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	1
40°	2	2	2	2	2	2	2	2	2	2	1
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	2	2	2	2	2	2	2	2	2	2	2
35°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	3	2	2	2	2	2	2	2	2	2	2
32.5°	3	2	2	2	2	2	2	2	2	2	2
31.25°	3	3	2	2	2	2	2	2	2	2	2
30°	3	3	2	2	2	2	2	2	2	2	2
28.75°	3	3	2	2	2	2	2	2	2	2	2
27.5°	3	3	2	2	2	2	2	2	2	2	2
26.25°	3	3	3	2	2	2	2	2	2	2	2
25°	3	3	3	2	2	2	2	2	2	2	2
23.75°	3	3	3	2	2	2	2	2	2	2	2
22.5°	3	3	3	2	2	2	2	2	2	2	2
21.25°	4	3	3	2	2	2	2	2	2	2	2
20°	4	3	3	3	2	2	2	2	2	2	2
18.75°	4	3	3	3	2	2	2	2	2	2	2
17.5°	4	3	3	3	2	2	2	2	2	2	2
16.25°	4	3	3	3	2	2	2	2	2	2	2
15°	4	3	3	3	2	2	2	2	2	2	2
13.75°	4	4	3	3	2	2	2	2	2	2	2
12.5°	4	4	3	3	2	2	2	2	2	2	2
11.25°	4	4	3	3	3	2	2	2	2	2	2
10°	4	4	3	3	3	2	2	2	2	2	2
8.75°	4	4	3	3	3	2	2	2	2	2	2
7.5°	4	4	3	3	3	2	2	2	2	2	2
6.25°	4	4	3	3	3	2	2	2	2	2	2
5°	4	4	3	3	3	2	2	2	2	2	2
3.75°	4	4	3	3	3	2	2	2	2	2	2
2.5°	4	4	3	3	3	2	2	2	2	2	2
1.25°	4	4	3	3	3	2	2	2	2	2	2
0°	4	4	3	3	3	2	2	2	2	2	2
-1.25°	4	4	3	3	3	2	2	2	2	2	2
-2.5°	4	4	3	3	3	2	2	2	2	2	2
-3.75°	4	4	3	3	3	2	2	2	2	2	2
-5°	4	4	3	3	3	2	2	2	2	2	2
-6.25°	4	4	3	3	3	2	2	2	2	2	2
-7.5°	4	4	3	3	3	2	2	2	2	2	2
-8.75°	4	4	3	3	3	2	2	2	2	2	2
-10°	4	4	3	3	3	2	2	2	2	2	2
-11.25°	4	4	3	3	3	2	2	2	2	2	2
-12.5°	4	4	3	3	2	2	2	2	2	2	2
-13.75°	4	4	3	3	2	2	2	2	2	2	2
-15°	4	3	3	3	2	2	2	2	2	2	2
-16.25°	4	3	3	3	2	2	2	2	2	2	2
-17.5°	4	3	3	3	2	2	2	2	2	2	2
-18.75°	4	3	3	3	2	2	2	2	2	2	2
-20°	4	3	3	3	2	2	2	2	2	2	2
-21.25°	4	3	3	2	2	2	2	2	2	2	2



REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	3	3	3	2	2	2	2	2	2	2	2
-23.75°	3	3	3	2	2	2	2	2	2	2	2
-25°	3	3	3	2	2	2	2	2	2	2	2
-26.25°	3	3	3	2	2	2	2	2	2	2	2
-27.5°	3	3	2	2	2	2	2	2	2	2	2
-28.75°	3	3	2	2	2	2	2	2	2	2	2
-30°	3	3	2	2	2	2	2	2	2	2	2
-31.25°	3	3	2	2	2	2	2	2	2	2	2
-32.5°	3	2	2	2	2	2	2	2	2	2	2
-33.75°	3	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	2
-36.25°	2	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	1
-41.25°	2	2	2	2	2	2	2	2	2	2	1
-42.5°	2	2	2	2	2	2	2	2	2	2	1
-43.75°	2	2	2	2	2	2	2	2	2	2	1
-45°	2	2	2	2	2	2	2	2	2	1	1
-46.25°	2	2	2	2	2	2	2	2	2	1	1
-47.5°	2	2	2	2	2	2	2	2	2	1	1
-48.75°	2	2	2	2	2	2	2	2	1	1	1
-50°	2	2	2	2	2	2	2	2	1	1	1
-51.25°	2	2	2	2	2	2	2	1	1	1	1
-52.5°	2	2	2	2	2	2	2	1	1	1	1
-53.75°	2	2	2	2	2	2	1	1	1	1	1
-55°	2	2	2	2	2	2	1	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	2	2	1	1	1	1	1	1	1
-58.75°	2	2	2	2	1	1	1	1	1	1	1
-60°	2	2	2	1	1	1	1	1	1	1	1
-61.25°	2	2	1	1	1	1	1	1	1	1	1
-62.5°	2	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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	1	1	1	1	1	1	1	1	0	0
31.25°	2	1	1	1	1	1	1	1	1	0	0
30°	2	1	1	1	1	1	1	1	1	0	0
28.75°	2	1	1	1	1	1	1	1	1	0	0
27.5°	2	1	1	1	1	1	1	1	1	0	0
26.25°	2	1	1	1	1	1	1	1	1	0	0
25°	2	1	1	1	1	1	1	1	1	0	0
23.75°	2	2	1	1	1	1	1	1	1	0	0
22.5°	2	2	1	1	1	1	1	1	1	0	0
21.25°	2	2	1	1	1	1	1	1	1	0	0
20°	2	2	1	1	1	1	1	1	1	0	0
18.75°	2	2	1	1	1	1	1	1	1	0	0
17.5°	2	2	1	1	1	1	1	1	1	0	0
16.25°	2	2	1	1	1	1	1	1	1	0	0
15°	2	2	1	1	1	1	1	1	1	0	0
13.75°	2	2	1	1	1	1	1	1	1	0	0
12.5°	2	2	1	1	1	1	1	1	1	0	0
11.25°	2	2	1	1	1	1	1	1	1	0	0
10°	2	2	1	1	1	1	1	1	1	0	0
8.75°	2	2	1	1	1	1	1	1	1	0	0
7.5°	2	2	1	1	1	1	1	1	1	0	0
6.25°	2	2	1	1	1	1	1	1	1	0	0
5°	2	2	1	1	1	1	1	1	1	0	0
3.75°	2	2	1	1	1	1	1	1	1	0	0
2.5°	2	2	1	1	1	1	1	1	1	0	0
1.25°	2	2	1	1	1	1	1	1	1	0	0
0°	2	2	2	1	1	1	1	1	1	0	0
-1.25°	2	2	1	1	1	1	1	1	1	0	0
-2.5°	2	2	1	1	1	1	1	1	1	0	0
-3.75°	2	2	1	1	1	1	1	1	1	0	0
-5°	2	2	1	1	1	1	1	1	1	0	0
-6.25°	2	2	1	1	1	1	1	1	1	0	0
-7.5°	2	2	1	1	1	1	1	1	1	0	0
-8.75°	2	2	1	1	1	1	1	1	1	0	0
-10°	2	2	1	1	1	1	1	1	1	0	0
-11.25°	2	2	1	1	1	1	1	1	1	0	0
-12.5°	2	2	1	1	1	1	1	1	1	0	0
-13.75°	2	2	1	1	1	1	1	1	1	0	0
-15°	2	2	1	1	1	1	1	1	1	0	0
-16.25°	2	2	1	1	1	1	1	1	1	0	0
-17.5°	2	2	1	1	1	1	1	1	1	0	0
-18.75°	2	2	1	1	1	1	1	1	1	0	0
-20°	2	2	1	1	1	1	1	1	1	0	0
-21.25°	2	2	1	1	1	1	1	1	1	0	0





REPORT NUMBER: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	2	2	1	1	1	1	1	1	1	0	0
-23.75°	2	2	1	1	1	1	1	1	1	0	0
-25°	2	1	1	1	1	1	1	1	1	0	0
-26.25°	2	1	1	1	1	1	1	1	1	0	0
-27.5°	2	1	1	1	1	1	1	1	1	0	0
-28.75°	2	1	1	1	1	1	1	1	1	0	0
-30°	2	1	1	1	1	1	1	1	1	0	0
-31.25°	2	1	1	1	1	1	1	1	1	0	0
-32.5°	2	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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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)