

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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED2797-S-BK-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29476)  
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-LED2797-S-BK-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT  
OPTIC, BLACK HOUSING.  
Light Source: (1) 2700K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

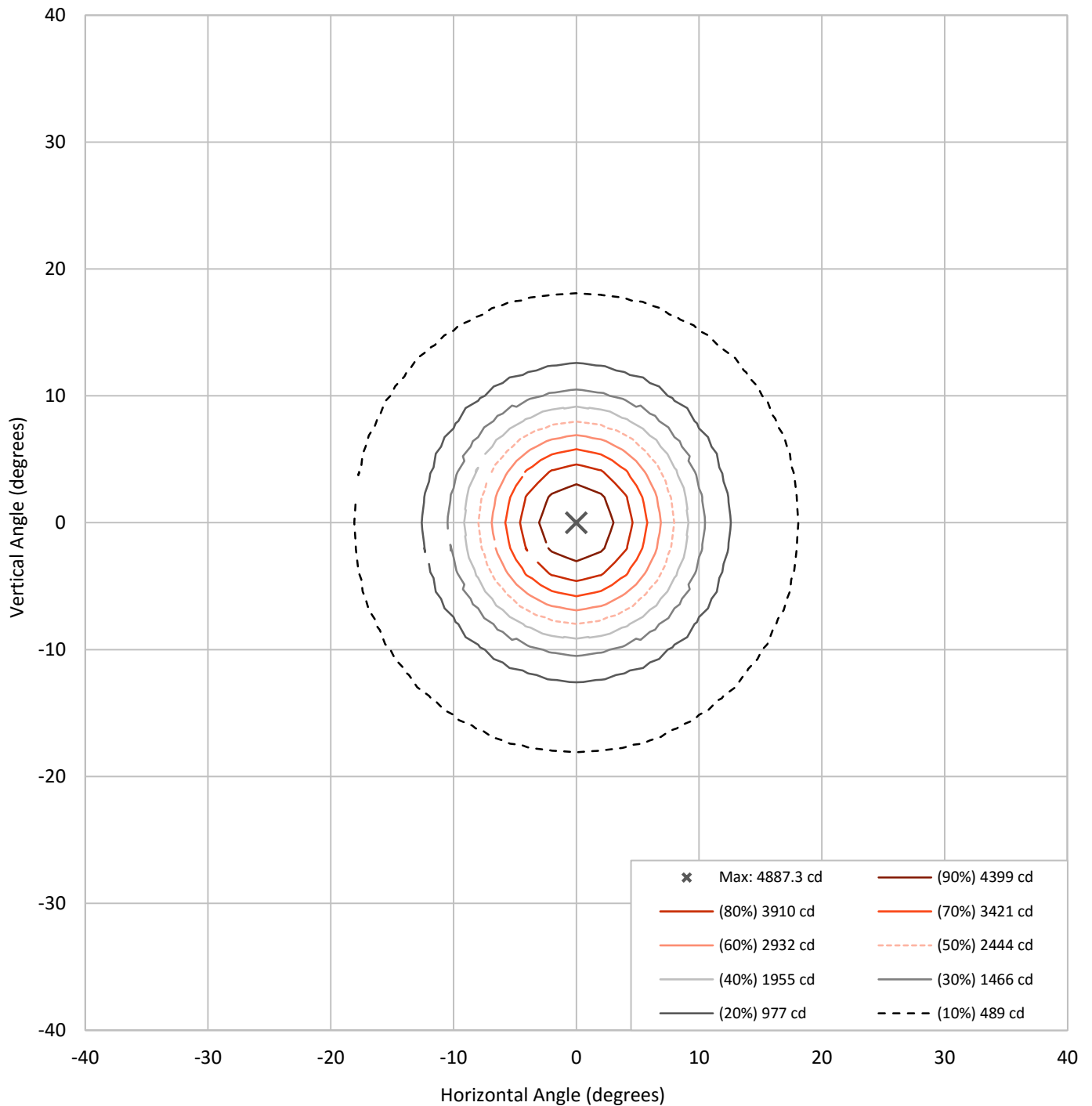
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	643.7 lumens	Max Intensity:	4887.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	16°H x 16°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	210.2 lumens	Field Lumens:	453.2 lumens
Beam Efficiency:	32.7%	Field Efficiency:	70.4%
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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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

### Iso-Candela Plot





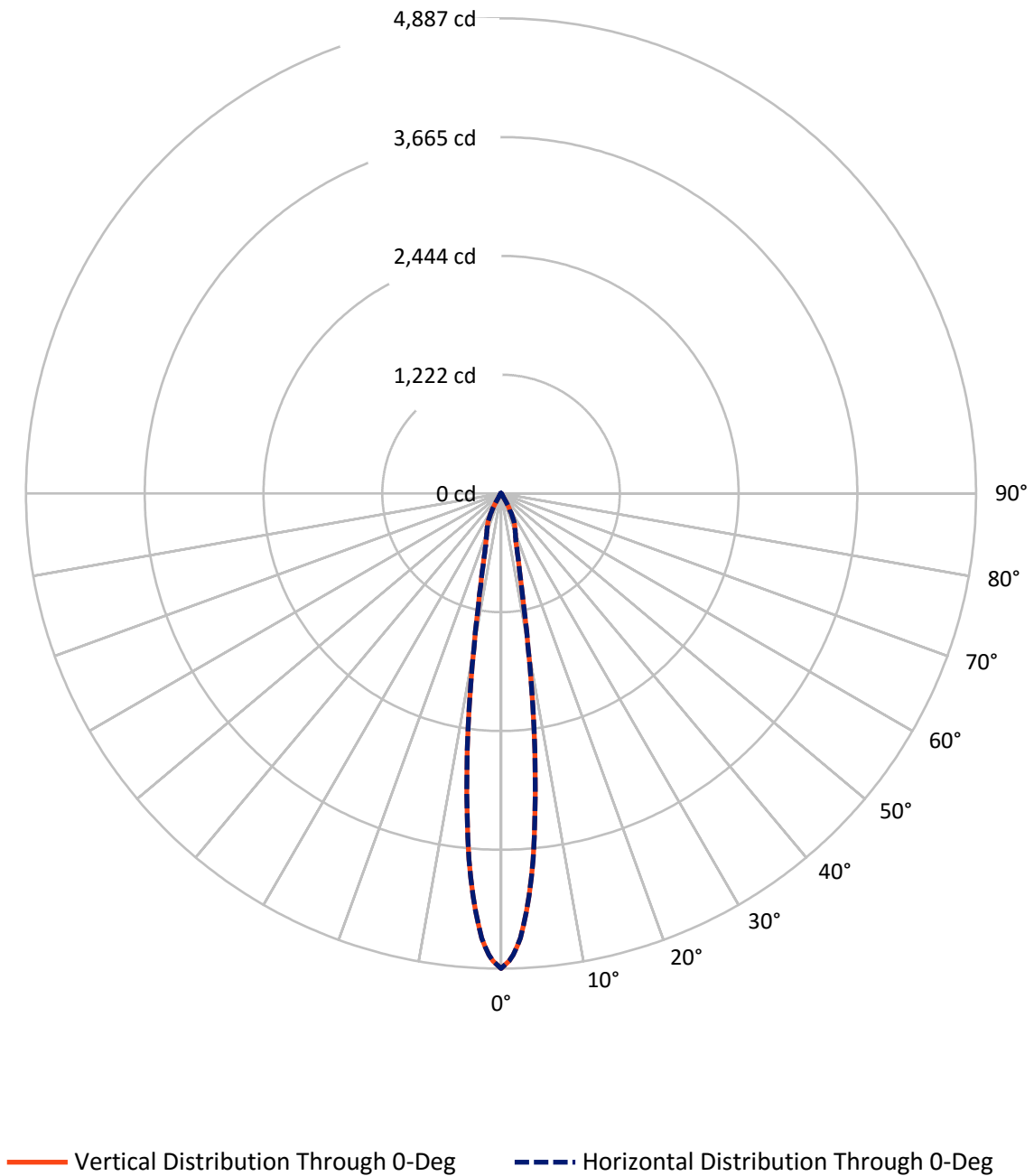
REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

### Lumen Table

90	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	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	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	0.0
60		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		
50	0.0	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	0.0	
40		0.0	0.0	0.0	0.1	0.2	0.4	0.8	0.8	0.4	0.2	0.1	0.0	0.0	0.0		
30	0.0	0.0	0.0	0.1	0.2	0.9	4.7	8.3	8.3	4.7	0.9	0.2	0.1	0.0	0.0	0.0	
20		0.0	0.0	0.1	0.3	4.5	11.9	20.2	20.2	11.9	4.5	0.3	0.1	0.0	0.0		
10	0.0	0.0	0.0	0.1	0.7	7.6	19.6	79.2	79.2	19.6	7.6	0.7	0.1	0.0	0.0	0.0	
0		0.0	0.0	0.1	0.7	7.6	19.6	79.2	79.2	19.6	7.6	0.7	0.1	0.0	0.0		
-10	0.0	0.0	0.0	0.1	0.3	4.5	11.9	20.2	20.2	11.9	4.5	0.3	0.1	0.0	0.0	0.0	
-20		0.0	0.0	0.1	0.2	0.9	4.7	8.3	8.3	4.7	0.9	0.2	0.1	0.0	0.0		
-30	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	
-40		0.0	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		
-50	0.0	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	
-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		
-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		
-90	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	

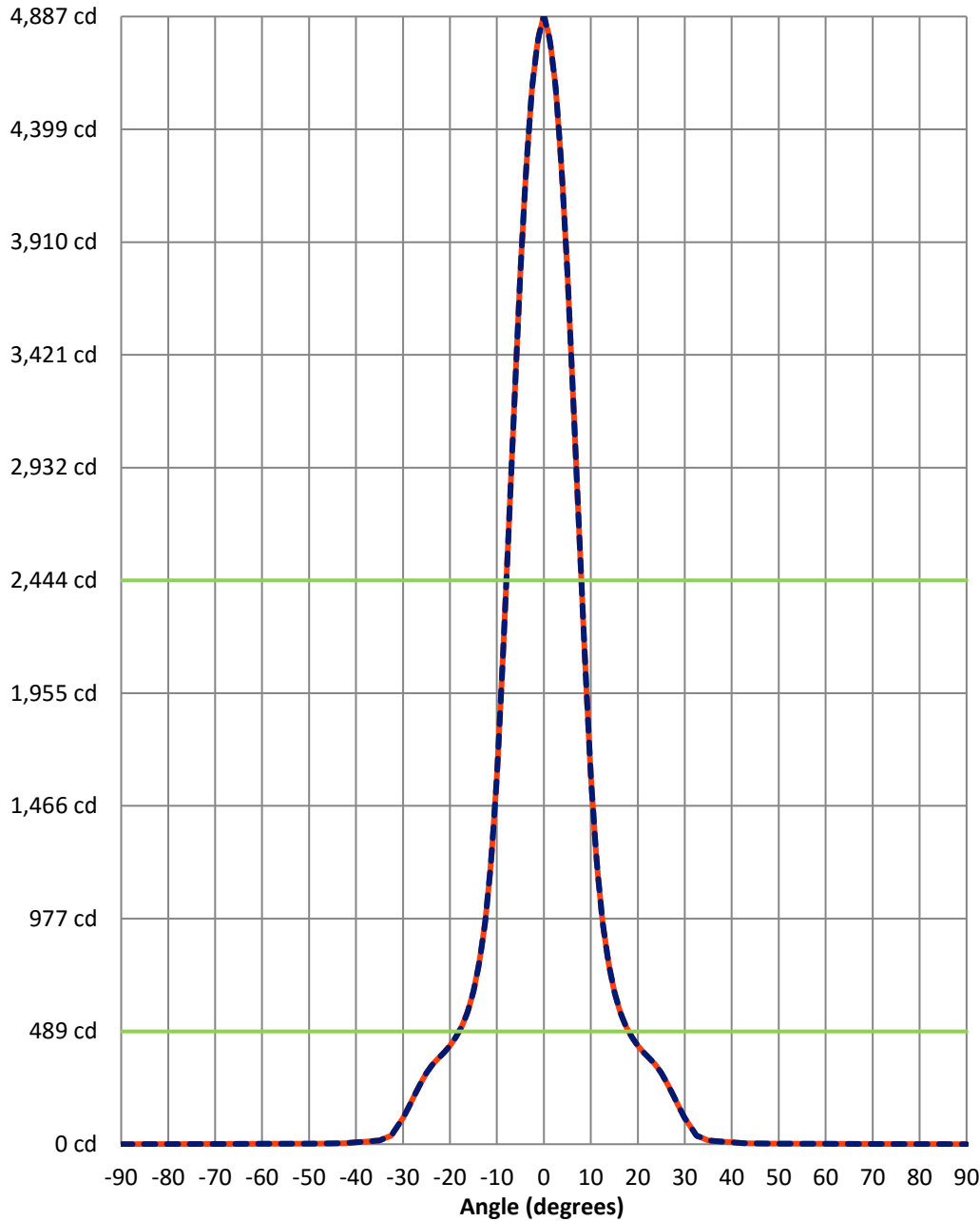
REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 16°  
 V Angle: 16°  
 Lumens: 210.2  
 Efficiency: 32.7%

**Field:**  
 H Angle: 36.1°  
 V Angle: 36.1°  
 Lumens: 453.2  
 Efficiency: 70.4%

**Spill:**  
 Lumens: 190.5  
 Efficiency: 29.6%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	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	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
51.25°	0	0	0	0	0	0	0	1	1	1	1
50°	0	0	0	0	0	0	1	1	1	1	1
48.75°	0	0	0	0	0	0	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	0	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	0	1	1	1	1	1	1	1	1
35°	0	0	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	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°	0	1	1	1	1	1	1	1	1	1	1
17.5°	0	1	1	1	1	1	1	1	1	1	1
16.25°	1	1	1	1	1	1	1	1	1	1	2
15°	1	1	1	1	1	1	1	1	1	1	2
13.75°	1	1	1	1	1	1	1	1	1	1	2
12.5°	1	1	1	1	1	1	1	1	1	1	2
11.25°	1	1	1	1	1	1	1	1	1	1	2
10°	1	1	1	1	1	1	1	1	1	1	2
8.75°	1	1	1	1	1	1	1	1	1	1	2
7.5°	1	1	1	1	1	1	1	1	1	1	2
6.25°	1	1	1	1	1	1	1	1	1	1	2
5°	1	1	1	1	1	1	1	1	1	1	2
3.75°	1	1	1	1	1	1	1	1	1	1	2
2.5°	1	1	1	1	1	1	1	1	1	1	2
1.25°	1	1	1	1	1	1	1	1	1	1	2
0°	1	1	1	1	1	1	1	1	1	2	2
-1.25°	1	1	1	1	1	1	1	1	1	1	2
-2.5°	1	1	1	1	1	1	1	1	1	1	2
-3.75°	1	1	1	1	1	1	1	1	1	1	2
-5°	1	1	1	1	1	1	1	1	1	1	2
-6.25°	1	1	1	1	1	1	1	1	1	1	2
-7.5°	1	1	1	1	1	1	1	1	1	1	2
-8.75°	1	1	1	1	1	1	1	1	1	1	2
-10°	1	1	1	1	1	1	1	1	1	1	2
-11.25°	1	1	1	1	1	1	1	1	1	1	2
-12.5°	1	1	1	1	1	1	1	1	1	1	2
-13.75°	1	1	1	1	1	1	1	1	1	1	2
-15°	1	1	1	1	1	1	1	1	1	1	2
-16.25°	1	1	1	1	1	1	1	1	1	1	2
-17.5°	0	1	1	1	1	1	1	1	1	1	1
-18.75°	0	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	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	0	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	0	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	0	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	0	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	0	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	0	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	1
67.5°	0	0	0	0	0	0	0	0	1	1	1
66.25°	0	0	0	0	0	0	1	1	1	1	1
65°	0	0	0	0	0	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	2
47.5°	1	1	1	1	1	1	1	1	1	2	2
46.25°	1	1	1	1	1	1	1	1	1	2	2
45°	1	1	1	1	1	1	1	1	2	2	2
43.75°	1	1	1	1	1	1	1	2	2	2	2
42.5°	1	1	1	1	1	1	2	2	2	2	2
41.25°	1	1	1	1	1	1	2	2	2	2	2
40°	1	1	1	1	1	2	2	2	2	2	2
38.75°	1	1	1	1	1	2	2	2	2	2	2
37.5°	1	1	1	1	2	2	2	2	2	2	2
36.25°	1	1	1	1	2	2	2	2	2	2	2
35°	1	1	1	2	2	2	2	2	2	2	2



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	2	2	2	2	2	2	2	2
32.5°	1	1	1	2	2	2	2	2	2	2	2
31.25°	1	1	2	2	2	2	2	2	2	2	2
30°	1	1	2	2	2	2	2	2	2	2	2
28.75°	1	1	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	2
25°	1	2	2	2	2	2	2	2	2	2	2
23.75°	2	2	2	2	2	2	2	2	2	2	2
22.5°	2	2	2	2	2	2	2	2	2	2	2
21.25°	2	2	2	2	2	2	2	2	2	2	2
20°	2	2	2	2	2	2	2	2	2	2	2
18.75°	2	2	2	2	2	2	2	2	2	2	2
17.5°	2	2	2	2	2	2	2	2	2	2	2
16.25°	2	2	2	2	2	2	2	2	2	2	2
15°	2	2	2	2	2	2	2	2	2	2	2
13.75°	2	2	2	2	2	2	2	2	2	2	2
12.5°	2	2	2	2	2	2	2	2	2	2	2
11.25°	2	2	2	2	2	2	2	2	2	2	2
10°	2	2	2	2	2	2	2	2	2	2	2
8.75°	2	2	2	2	2	2	2	2	2	2	2
7.5°	2	2	2	2	2	2	2	2	2	2	2
6.25°	2	2	2	2	2	2	2	2	2	2	2
5°	2	2	2	2	2	2	2	2	2	2	2
3.75°	2	2	2	2	2	2	2	2	2	2	2
2.5°	2	2	2	2	2	2	2	2	2	2	2
1.25°	2	2	2	2	2	2	2	2	2	2	2
0°	2	2	2	2	2	2	2	2	2	2	2
-1.25°	2	2	2	2	2	2	2	2	2	2	2
-2.5°	2	2	2	2	2	2	2	2	2	2	2
-3.75°	2	2	2	2	2	2	2	2	2	2	2
-5°	2	2	2	2	2	2	2	2	2	2	2
-6.25°	2	2	2	2	2	2	2	2	2	2	2
-7.5°	2	2	2	2	2	2	2	2	2	2	2
-8.75°	2	2	2	2	2	2	2	2	2	2	2
-10°	2	2	2	2	2	2	2	2	2	2	2
-11.25°	2	2	2	2	2	2	2	2	2	2	2
-12.5°	2	2	2	2	2	2	2	2	2	2	2
-13.75°	2	2	2	2	2	2	2	2	2	2	2
-15°	2	2	2	2	2	2	2	2	2	2	2
-16.25°	2	2	2	2	2	2	2	2	2	2	2
-17.5°	2	2	2	2	2	2	2	2	2	2	2
-18.75°	2	2	2	2	2	2	2	2	2	2	2
-20°	2	2	2	2	2	2	2	2	2	2	2
-21.25°	2	2	2	2	2	2	2	2	2	2	2





REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	2	2	2	2	2	2	2	2	2	2	2
-23.75°	2	2	2	2	2	2	2	2	2	2	2
-25°	1	2	2	2	2	2	2	2	2	2	2
-26.25°	1	2	2	2	2	2	2	2	2	2	2
-27.5°	1	2	2	2	2	2	2	2	2	2	2
-28.75°	1	1	2	2	2	2	2	2	2	2	2
-30°	1	1	2	2	2	2	2	2	2	2	2
-31.25°	1	1	2	2	2	2	2	2	2	2	2
-32.5°	1	1	1	2	2	2	2	2	2	2	2
-33.75°	1	1	1	2	2	2	2	2	2	2	2
-35°	1	1	1	2	2	2	2	2	2	2	2
-36.25°	1	1	1	1	2	2	2	2	2	2	2
-37.5°	1	1	1	1	2	2	2	2	2	2	2
-38.75°	1	1	1	1	1	2	2	2	2	2	2
-40°	1	1	1	1	1	2	2	2	2	2	2
-41.25°	1	1	1	1	1	1	2	2	2	2	2
-42.5°	1	1	1	1	1	1	2	2	2	2	2
-43.75°	1	1	1	1	1	1	1	2	2	2	2
-45°	1	1	1	1	1	1	1	1	2	2	2
-46.25°	1	1	1	1	1	1	1	1	1	2	2
-47.5°	1	1	1	1	1	1	1	1	1	2	2
-48.75°	1	1	1	1	1	1	1	1	1	1	2
-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	0	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	0	1	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	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0
72.5°	0	0	0	0	0	0	0	1	1	1	1
71.25°	0	0	0	1	1	1	1	1	1	1	1
70°	0	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	2	2
56.25°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	2	2	2	2	2	2
53.75°	1	1	1	1	2	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	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
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	3



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	2	2	3	3
32.5°	2	2	2	2	2	2	2	2	2	3	3
31.25°	2	2	2	2	2	2	2	2	3	3	3
30°	2	2	2	2	2	2	2	3	3	3	3
28.75°	2	2	2	2	2	2	2	3	3	3	3
27.5°	2	2	2	2	2	2	3	3	3	3	4
26.25°	2	2	2	2	2	3	3	3	3	4	4
25°	2	2	2	2	2	3	3	3	3	4	4
23.75°	2	2	2	2	3	3	3	3	4	4	4
22.5°	2	2	2	2	3	3	3	3	4	4	5
21.25°	2	2	2	2	3	3	3	4	4	4	6
20°	2	2	2	3	3	3	3	4	4	5	7
18.75°	2	2	2	3	3	3	4	4	4	6	8
17.5°	2	2	3	3	3	3	4	4	5	7	9
16.25°	2	2	3	3	3	3	4	4	6	8	9
15°	2	2	3	3	3	4	4	5	6	8	10
13.75°	2	2	3	3	3	4	4	5	7	9	10
12.5°	2	3	3	3	3	4	4	6	8	9	11
11.25°	2	3	3	3	3	4	4	6	8	10	11
10°	2	3	3	3	4	4	5	7	9	10	12
8.75°	2	3	3	3	4	4	5	7	9	11	12
7.5°	2	3	3	3	4	4	5	7	9	11	13
6.25°	2	3	3	3	4	4	6	8	9	11	13
5°	2	3	3	3	4	4	6	8	10	11	14
3.75°	2	3	3	3	4	4	6	8	10	12	14
2.5°	2	3	3	3	4	4	6	8	10	12	14
1.25°	2	3	3	3	4	4	6	8	10	12	14
0°	3	3	3	3	4	4	6	8	10	12	14
-1.25°	2	3	3	3	4	4	6	8	10	12	14
-2.5°	2	3	3	3	4	4	6	8	10	12	14
-3.75°	2	3	3	3	4	4	6	8	10	12	14
-5°	2	3	3	3	4	4	6	8	10	11	14
-6.25°	2	3	3	3	4	4	6	8	9	11	13
-7.5°	2	3	3	3	4	4	5	7	9	11	13
-8.75°	2	3	3	3	4	4	5	7	9	11	12
-10°	2	3	3	3	4	4	5	7	9	10	12
-11.25°	2	3	3	3	3	4	4	6	8	10	11
-12.5°	2	3	3	3	3	4	4	6	8	9	11
-13.75°	2	2	3	3	3	4	4	5	7	9	10
-15°	2	2	3	3	3	4	4	5	6	8	10
-16.25°	2	2	3	3	3	3	4	4	6	8	9
-17.5°	2	2	3	3	3	3	4	4	5	7	9
-18.75°	2	2	2	3	3	3	4	4	4	6	8
-20°	2	2	2	3	3	3	3	4	4	5	7
-21.25°	2	2	2	2	3	3	3	4	4	4	6



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	2	2	3	3	3	3	4	4	5
-23.75°	2	2	2	2	3	3	3	3	4	4	4
-25°	2	2	2	2	2	3	3	3	3	4	4
-26.25°	2	2	2	2	2	3	3	3	3	4	4
-27.5°	2	2	2	2	2	2	3	3	3	3	4
-28.75°	2	2	2	2	2	2	2	3	3	3	3
-30°	2	2	2	2	2	2	2	3	3	3	3
-31.25°	2	2	2	2	2	2	2	2	3	3	3
-32.5°	2	2	2	2	2	2	2	2	2	3	3
-33.75°	2	2	2	2	2	2	2	2	2	3	3
-35°	2	2	2	2	2	2	2	2	2	2	3
-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	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	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-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	2	2	2	2	2	2	2
-55°	1	1	1	1	1	2	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	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	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°	0	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	0	1	1	1	1
-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	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	2	2
61.25°	1	1	1	1	1	1	2	2	2	2	2
60°	1	1	1	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	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	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	3	3
42.5°	2	2	2	2	2	2	2	3	3	3	3
41.25°	2	2	2	2	2	2	3	3	3	3	3
40°	2	2	2	2	3	3	3	3	3	3	3
38.75°	2	2	2	3	3	3	3	3	3	4	4
37.5°	2	3	3	3	3	3	3	4	4	4	4
36.25°	3	3	3	3	3	3	4	4	4	4	5
35°	3	3	3	3	3	4	4	4	5	6	7



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	3	4	4	4	5	6	8	9
32.5°	3	3	4	4	4	4	6	7	8	9	10
31.25°	3	3	4	4	5	6	7	8	9	10	11
30°	3	4	4	5	6	7	9	10	11	12	13
28.75°	4	4	4	6	7	9	10	11	12	13	15
27.5°	4	4	6	7	9	10	11	12	14	15	17
26.25°	4	5	7	8	10	11	12	14	15	18	24
25°	5	6	8	9	11	12	14	15	18	25	32
23.75°	6	8	9	10	12	13	15	18	25	32	45
22.5°	7	9	10	11	13	15	17	24	32	45	71
21.25°	8	9	11	12	14	16	23	31	42	69	96
20°	9	10	12	14	15	20	29	37	64	93	123
18.75°	10	11	13	15	17	26	34	57	86	116	153
17.5°	10	12	14	16	22	31	46	77	107	144	184
16.25°	11	13	15	18	27	36	64	96	131	172	214
15°	12	13	15	22	31	49	82	114	156	199	241
13.75°	12	14	16	26	36	64	98	136	180	225	266
12.5°	13	15	20	30	44	79	113	157	203	247	288
11.25°	14	16	23	33	57	92	131	176	224	268	308
10°	14	16	26	36	68	104	147	195	242	285	323
8.75°	15	19	29	43	79	115	162	211	258	301	337
7.5°	15	21	31	51	88	127	175	225	272	314	347
6.25°	15	23	33	58	95	138	187	237	283	323	355
5°	16	24	35	64	102	146	197	247	292	332	361
3.75°	16	25	36	69	107	153	204	254	299	338	366
2.5°	16	26	37	73	110	158	209	259	305	342	369
1.25°	16	27	37	75	112	161	213	262	308	344	371
0°	16	27	38	75	113	162	214	263	309	345	372
-1.25°	16	27	37	75	112	161	213	262	308	344	371
-2.5°	16	26	37	73	110	158	209	259	305	342	369
-3.75°	16	25	36	69	107	153	204	254	299	338	366
-5°	16	24	35	64	102	146	197	247	292	332	361
-6.25°	15	23	33	58	95	138	187	237	283	323	355
-7.5°	15	21	31	51	88	127	175	225	272	314	347
-8.75°	15	19	29	43	79	115	162	211	258	301	337
-10°	14	16	26	36	68	104	147	195	242	285	323
-11.25°	14	16	23	33	57	92	131	176	224	268	308
-12.5°	13	15	20	30	44	79	113	157	203	247	288
-13.75°	12	14	16	26	36	64	98	136	180	225	266
-15°	12	13	15	22	31	49	82	114	156	199	241
-16.25°	11	13	15	18	27	36	64	96	131	172	214
-17.5°	10	12	14	16	22	31	46	77	107	144	184
-18.75°	10	11	13	15	17	26	34	57	86	116	153
-20°	9	10	12	14	15	20	29	37	64	93	123
-21.25°	8	9	11	12	14	16	23	31	42	69	96





REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	7	9	10	11	13	15	17	24	32	45	71
-23.75°	6	8	9	10	12	13	15	18	25	32	45
-25°	5	6	8	9	11	12	14	15	18	25	32
-26.25°	4	5	7	8	10	11	12	14	15	18	24
-27.5°	4	4	6	7	9	10	11	12	14	15	17
-28.75°	4	4	4	6	7	9	10	11	12	13	15
-30°	3	4	4	5	6	7	9	10	11	12	13
-31.25°	3	3	4	4	5	6	7	8	9	10	11
-32.5°	3	3	4	4	4	4	6	7	8	9	10
-33.75°	3	3	3	3	4	4	4	5	6	8	9
-35°	3	3	3	3	3	4	4	4	5	6	7
-36.25°	3	3	3	3	3	3	4	4	4	4	5
-37.5°	2	3	3	3	3	3	3	4	4	4	4
-38.75°	2	2	2	3	3	3	3	3	3	4	4
-40°	2	2	2	2	3	3	3	3	3	3	3
-41.25°	2	2	2	2	2	2	3	3	3	3	3
-42.5°	2	2	2	2	2	2	2	3	3	3	3
-43.75°	2	2	2	2	2	2	2	2	2	3	3
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	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°	2	2	2	2	2	2	2	2	2	2	2
-60°	1	1	1	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-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	0	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	0	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	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°	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	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	3	3	3	3	3	3	3	3
45°	2	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	4
41.25°	3	3	4	4	4	4	4	4	4	5	5
40°	4	4	4	4	4	5	5	6	6	7	7
38.75°	4	4	4	5	6	6	7	8	8	9	9
37.5°	4	5	6	7	8	8	9	9	10	10	11
36.25°	6	7	8	9	9	10	10	11	11	12	12
35°	8	9	10	10	11	12	12	13	14	14	15



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	9	10	11	12	13	13	14	15	16	16	19
32.5°	11	12	13	14	15	15	16	20	23	26	29
31.25°	12	14	15	16	18	22	26	30	33	36	43
30°	14	15	17	22	27	31	36	44	57	68	79
28.75°	16	20	26	31	36	49	64	79	92	104	115
27.5°	23	29	34	46	64	82	98	113	131	147	162
26.25°	31	37	57	77	96	114	136	157	176	195	211
25°	42	64	86	107	131	156	180	203	224	242	258
23.75°	69	93	116	144	172	199	225	247	268	285	301
22.5°	96	123	153	184	214	241	266	288	308	323	337
21.25°	125	157	191	224	253	280	304	324	341	353	364
20°	157	193	228	260	289	314	336	352	365	376	387
18.75°	191	228	262	293	320	343	359	373	387	399	412
17.5°	224	260	293	322	346	364	379	394	410	425	441
16.25°	253	289	320	346	365	382	399	417	436	455	476
15°	280	314	343	364	382	401	421	443	466	491	517
13.75°	304	336	359	379	399	421	445	472	502	533	571
12.5°	324	352	373	394	417	443	472	506	543	589	645
11.25°	341	365	387	410	436	466	502	543	596	661	735
10°	353	376	399	425	455	491	533	589	661	745	847
8.75°	364	387	412	441	476	517	571	645	735	847	989
7.5°	372	396	423	455	496	545	614	704	818	968	1161
6.25°	379	405	435	471	515	573	656	761	905	1099	1361
5°	386	413	444	484	531	601	698	824	998	1239	1575
3.75°	391	419	452	494	548	628	732	874	1082	1382	1786
2.5°	394	423	458	503	561	647	759	923	1158	1499	1949
1.25°	397	426	462	508	569	658	779	953	1204	1572	2059
0°	397	427	464	510	572	662	786	964	1220	1596	2099
-1.25°	397	426	462	508	569	658	779	953	1204	1572	2059
-2.5°	394	423	458	503	561	647	759	923	1158	1499	1949
-3.75°	391	419	452	494	548	628	732	874	1082	1382	1786
-5°	386	413	444	484	531	601	698	824	998	1239	1575
-6.25°	379	405	435	471	515	573	656	761	905	1099	1361
-7.5°	372	396	423	455	496	545	614	704	818	968	1161
-8.75°	364	387	412	441	476	517	571	645	735	847	989
-10°	353	376	399	425	455	491	533	589	661	745	847
-11.25°	341	365	387	410	436	466	502	543	596	661	735
-12.5°	324	352	373	394	417	443	472	506	543	589	645
-13.75°	304	336	359	379	399	421	445	472	502	533	571
-15°	280	314	343	364	382	401	421	443	466	491	517
-16.25°	253	289	320	346	365	382	399	417	436	455	476
-17.5°	224	260	293	322	346	364	379	394	410	425	441
-18.75°	191	228	262	293	320	343	359	373	387	399	412
-20°	157	193	228	260	289	314	336	352	365	376	387
-21.25°	125	157	191	224	253	280	304	324	341	353	364



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	96	123	153	184	214	241	266	288	308	323	337
-23.75°	69	93	116	144	172	199	225	247	268	285	301
-25°	42	64	86	107	131	156	180	203	224	242	258
-26.25°	31	37	57	77	96	114	136	157	176	195	211
-27.5°	23	29	34	46	64	82	98	113	131	147	162
-28.75°	16	20	26	31	36	49	64	79	92	104	115
-30°	14	15	17	22	27	31	36	44	57	68	79
-31.25°	12	14	15	16	18	22	26	30	33	36	43
-32.5°	11	12	13	14	15	15	16	20	23	26	29
-33.75°	9	10	11	12	13	13	14	15	16	16	19
-35°	8	9	10	10	11	12	12	13	14	14	15
-36.25°	6	7	8	9	9	10	10	11	11	12	12
-37.5°	4	5	6	7	8	8	9	9	10	10	11
-38.75°	4	4	4	5	6	6	7	8	8	9	9
-40°	4	4	4	4	4	5	5	6	6	7	7
-41.25°	3	3	4	4	4	4	4	4	4	5	5
-42.5°	3	3	3	3	3	4	4	4	4	4	4
-43.75°	3	3	3	3	3	3	3	3	3	4	4
-45°	2	3	3	3	3	3	3	3	3	3	3
-46.25°	2	2	2	3	3	3	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	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	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°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	2	2	2	2	2	2	2
-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	0	0	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	2	1	1	1	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°	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	2
48.75°	2	2	2	2	2	2	3	2	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	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	5	6	6	6	6	6	6	6	6	6	6
40°	7	8	8	8	8	8	8	8	8	8	8
38.75°	9	9	10	10	10	10	10	10	10	10	10
37.5°	11	11	11	12	12	12	12	12	12	12	11
36.25°	13	13	14	14	14	14	14	14	14	14	14
35°	15	15	16	16	16	16	16	16	16	16	16



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	21	23	24	25	26	27	27	27	26	25	24
32.5°	31	33	35	36	37	37	38	37	37	36	35
31.25°	51	58	64	69	73	75	75	75	73	69	64
30°	88	95	102	107	110	112	113	112	110	107	102
28.75°	127	138	146	153	158	161	162	161	158	153	146
27.5°	175	187	197	204	209	213	214	213	209	204	197
26.25°	225	237	247	254	259	262	263	262	259	254	247
25°	272	283	292	299	305	308	309	308	305	299	292
23.75°	314	323	332	338	342	344	345	344	342	338	332
22.5°	347	355	361	366	369	371	372	371	369	366	361
21.25°	372	379	386	391	394	397	397	397	394	391	386
20°	396	405	413	419	423	426	427	426	423	419	413
18.75°	423	435	444	452	458	462	464	462	458	452	444
17.5°	455	471	484	494	503	508	510	508	503	494	484
16.25°	496	515	531	548	561	569	572	569	561	548	531
15°	545	573	601	628	647	658	662	658	647	628	601
13.75°	614	656	698	732	759	779	786	779	759	732	698
12.5°	704	761	824	874	923	953	964	953	923	874	824
11.25°	818	905	998	1082	1158	1204	1220	1204	1158	1082	998
10°	968	1099	1239	1382	1499	1572	1596	1572	1499	1382	1239
8.75°	1161	1361	1575	1786	1949	2059	2099	2059	1949	1786	1575
7.5°	1408	1693	1985	2264	2477	2613	2660	2613	2477	2264	1985
6.25°	1693	2063	2435	2757	3009	3172	3228	3172	3009	2757	2435
5°	1985	2435	2856	3230	3522	3713	3780	3713	3522	3230	2856
3.75°	2264	2757	3230	3648	3968	4175	4238	4175	3968	3648	3230
2.5°	2477	3009	3522	3968	4304	4515	4580	4515	4304	3968	3522
1.25°	2613	3172	3713	4175	4515	4723	4792	4723	4515	4175	3713
0°	2660	3228	3780	4238	4580	4792	4887	4792	4580	4238	3780
-1.25°	2613	3172	3713	4175	4515	4723	4792	4723	4515	4175	3713
-2.5°	2477	3009	3522	3968	4304	4515	4580	4515	4304	3968	3522
-3.75°	2264	2757	3230	3648	3968	4175	4238	4175	3968	3648	3230
-5°	1985	2435	2856	3230	3522	3713	3780	3713	3522	3230	2856
-6.25°	1693	2063	2435	2757	3009	3172	3228	3172	3009	2757	2435
-7.5°	1408	1693	1985	2264	2477	2613	2660	2613	2477	2264	1985
-8.75°	1161	1361	1575	1786	1949	2059	2099	2059	1949	1786	1575
-10°	968	1099	1239	1382	1499	1572	1596	1572	1499	1382	1239
-11.25°	818	905	998	1082	1158	1204	1220	1204	1158	1082	998
-12.5°	704	761	824	874	923	953	964	953	923	874	824
-13.75°	614	656	698	732	759	779	786	779	759	732	698
-15°	545	573	601	628	647	658	662	658	647	628	601
-16.25°	496	515	531	548	561	569	572	569	561	548	531
-17.5°	455	471	484	494	503	508	510	508	503	494	484
-18.75°	423	435	444	452	458	462	464	462	458	452	444
-20°	396	405	413	419	423	426	427	426	423	419	413
-21.25°	372	379	386	391	394	397	397	397	394	391	386





REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	347	355	361	366	369	371	372	371	369	366	361
-23.75°	314	323	332	338	342	344	345	344	342	338	332
-25°	272	283	292	299	305	308	309	308	305	299	292
-26.25°	225	237	247	254	259	262	263	262	259	254	247
-27.5°	175	187	197	204	209	213	214	213	209	204	197
-28.75°	127	138	146	153	158	161	162	161	158	153	146
-30°	88	95	102	107	110	112	113	112	110	107	102
-31.25°	51	58	64	69	73	75	75	75	73	69	64
-32.5°	31	33	35	36	37	37	38	37	37	36	35
-33.75°	21	23	24	25	26	27	27	27	26	25	24
-35°	15	15	16	16	16	16	16	16	16	16	16
-36.25°	13	13	14	14	14	14	14	14	14	14	14
-37.5°	11	11	11	12	12	12	12	12	12	12	11
-38.75°	9	9	10	10	10	10	10	10	10	10	10
-40°	7	8	8	8	8	8	8	8	8	8	8
-41.25°	5	6	6	6	6	6	6	6	6	6	6
-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	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°	2	2	2	2	2	2	3	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	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°	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°	1	1	1	1	1	1	2	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	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°	2	2	2	2	2	2	2	2	2	1	1
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°	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	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	3	3	3	3	3	3	2	2	2	2	2
46.25°	3	3	3	3	3	3	3	3	3	3	2
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	4	4	4	4	3	3	3	3	3	3	3
42.5°	4	4	4	4	4	4	4	4	3	3	3
41.25°	6	5	5	5	4	4	4	4	4	4	4
40°	8	7	7	7	6	6	5	5	4	4	4
38.75°	9	9	9	9	8	8	7	6	6	5	4
37.5°	11	11	11	10	10	9	9	8	8	7	6
36.25°	13	13	12	12	11	11	10	10	9	9	8
35°	15	15	15	14	14	13	12	12	11	10	10



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	23	21	19	16	16	15	14	13	13	12	11
32.5°	33	31	29	26	23	20	16	15	15	14	13
31.25°	58	51	43	36	33	30	26	22	18	16	15
30°	95	88	79	68	57	44	36	31	27	22	17
28.75°	138	127	115	104	92	79	64	49	36	31	26
27.5°	187	175	162	147	131	113	98	82	64	46	34
26.25°	237	225	211	195	176	157	136	114	96	77	57
25°	283	272	258	242	224	203	180	156	131	107	86
23.75°	323	314	301	285	268	247	225	199	172	144	116
22.5°	355	347	337	323	308	288	266	241	214	184	153
21.25°	379	372	364	353	341	324	304	280	253	224	191
20°	405	396	387	376	365	352	336	314	289	260	228
18.75°	435	423	412	399	387	373	359	343	320	293	262
17.5°	471	455	441	425	410	394	379	364	346	322	293
16.25°	515	496	476	455	436	417	399	382	365	346	320
15°	573	545	517	491	466	443	421	401	382	364	343
13.75°	656	614	571	533	502	472	445	421	399	379	359
12.5°	761	704	645	589	543	506	472	443	417	394	373
11.25°	905	818	735	661	596	543	502	466	436	410	387
10°	1099	968	847	745	661	589	533	491	455	425	399
8.75°	1361	1161	989	847	735	645	571	517	476	441	412
7.5°	1693	1408	1161	968	818	704	614	545	496	455	423
6.25°	2063	1693	1361	1099	905	761	656	573	515	471	435
5°	2435	1985	1575	1239	998	824	698	601	531	484	444
3.75°	2757	2264	1786	1382	1082	874	732	628	548	494	452
2.5°	3009	2477	1949	1499	1158	923	759	647	561	503	458
1.25°	3172	2613	2059	1572	1204	953	779	658	569	508	462
0°	3228	2660	2099	1596	1220	964	786	662	572	510	464
-1.25°	3172	2613	2059	1572	1204	953	779	658	569	508	462
-2.5°	3009	2477	1949	1499	1158	923	759	647	561	503	458
-3.75°	2757	2264	1786	1382	1082	874	732	628	548	494	452
-5°	2435	1985	1575	1239	998	824	698	601	531	484	444
-6.25°	2063	1693	1361	1099	905	761	656	573	515	471	435
-7.5°	1693	1408	1161	968	818	704	614	545	496	455	423
-8.75°	1361	1161	989	847	735	645	571	517	476	441	412
-10°	1099	968	847	745	661	589	533	491	455	425	399
-11.25°	905	818	735	661	596	543	502	466	436	410	387
-12.5°	761	704	645	589	543	506	472	443	417	394	373
-13.75°	656	614	571	533	502	472	445	421	399	379	359
-15°	573	545	517	491	466	443	421	401	382	364	343
-16.25°	515	496	476	455	436	417	399	382	365	346	320
-17.5°	471	455	441	425	410	394	379	364	346	322	293
-18.75°	435	423	412	399	387	373	359	343	320	293	262
-20°	405	396	387	376	365	352	336	314	289	260	228
-21.25°	379	372	364	353	341	324	304	280	253	224	191



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	355	347	337	323	308	288	266	241	214	184	153
-23.75°	323	314	301	285	268	247	225	199	172	144	116
-25°	283	272	258	242	224	203	180	156	131	107	86
-26.25°	237	225	211	195	176	157	136	114	96	77	57
-27.5°	187	175	162	147	131	113	98	82	64	46	34
-28.75°	138	127	115	104	92	79	64	49	36	31	26
-30°	95	88	79	68	57	44	36	31	27	22	17
-31.25°	58	51	43	36	33	30	26	22	18	16	15
-32.5°	33	31	29	26	23	20	16	15	15	14	13
-33.75°	23	21	19	16	16	15	14	13	13	12	11
-35°	15	15	15	14	14	13	12	12	11	10	10
-36.25°	13	13	12	12	11	11	10	10	9	9	8
-37.5°	11	11	11	10	10	9	9	8	8	7	6
-38.75°	9	9	9	9	8	8	7	6	6	5	4
-40°	8	7	7	7	6	6	5	5	4	4	4
-41.25°	6	5	5	5	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	3	3	3
-43.75°	4	4	4	4	3	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	2
-47.5°	3	3	3	3	3	3	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	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°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	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	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	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°	2	2	2	2	1	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
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	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	2
45°	3	2	2	2	2	2	2	2	2	2	2
43.75°	3	3	3	3	2	2	2	2	2	2	2
42.5°	3	3	3	3	3	3	2	2	2	2	2
41.25°	3	3	3	3	3	3	3	2	2	2	2
40°	4	4	3	3	3	3	3	3	3	2	2
38.75°	4	4	4	4	3	3	3	3	3	3	2
37.5°	5	4	4	4	4	4	3	3	3	3	3
36.25°	7	6	5	4	4	4	4	3	3	3	3
35°	9	8	7	6	5	4	4	4	3	3	3



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	10	9	9	8	6	5	4	4	4	3	3
32.5°	12	11	10	9	8	7	6	4	4	4	4
31.25°	14	12	11	10	9	8	7	6	5	4	4
30°	15	14	13	12	11	10	9	7	6	5	4
28.75°	20	16	15	13	12	11	10	9	7	6	4
27.5°	29	23	17	15	14	12	11	10	9	7	6
26.25°	37	31	24	18	15	14	12	11	10	8	7
25°	64	42	32	25	18	15	14	12	11	9	8
23.75°	93	69	45	32	25	18	15	13	12	10	9
22.5°	123	96	71	45	32	24	17	15	13	11	10
21.25°	157	125	96	69	42	31	23	16	14	12	11
20°	193	157	123	93	64	37	29	20	15	14	12
18.75°	228	191	153	116	86	57	34	26	17	15	13
17.5°	260	224	184	144	107	77	46	31	22	16	14
16.25°	289	253	214	172	131	96	64	36	27	18	15
15°	314	280	241	199	156	114	82	49	31	22	15
13.75°	336	304	266	225	180	136	98	64	36	26	16
12.5°	352	324	288	247	203	157	113	79	44	30	20
11.25°	365	341	308	268	224	176	131	92	57	33	23
10°	376	353	323	285	242	195	147	104	68	36	26
8.75°	387	364	337	301	258	211	162	115	79	43	29
7.5°	396	372	347	314	272	225	175	127	88	51	31
6.25°	405	379	355	323	283	237	187	138	95	58	33
5°	413	386	361	332	292	247	197	146	102	64	35
3.75°	419	391	366	338	299	254	204	153	107	69	36
2.5°	423	394	369	342	305	259	209	158	110	73	37
1.25°	426	397	371	344	308	262	213	161	112	75	37
0°	427	397	372	345	309	263	214	162	113	75	38
-1.25°	426	397	371	344	308	262	213	161	112	75	37
-2.5°	423	394	369	342	305	259	209	158	110	73	37
-3.75°	419	391	366	338	299	254	204	153	107	69	36
-5°	413	386	361	332	292	247	197	146	102	64	35
-6.25°	405	379	355	323	283	237	187	138	95	58	33
-7.5°	396	372	347	314	272	225	175	127	88	51	31
-8.75°	387	364	337	301	258	211	162	115	79	43	29
-10°	376	353	323	285	242	195	147	104	68	36	26
-11.25°	365	341	308	268	224	176	131	92	57	33	23
-12.5°	352	324	288	247	203	157	113	79	44	30	20
-13.75°	336	304	266	225	180	136	98	64	36	26	16
-15°	314	280	241	199	156	114	82	49	31	22	15
-16.25°	289	253	214	172	131	96	64	36	27	18	15
-17.5°	260	224	184	144	107	77	46	31	22	16	14
-18.75°	228	191	153	116	86	57	34	26	17	15	13
-20°	193	157	123	93	64	37	29	20	15	14	12
-21.25°	157	125	96	69	42	31	23	16	14	12	11





REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	123	96	71	45	32	24	17	15	13	11	10
-23.75°	93	69	45	32	25	18	15	13	12	10	9
-25°	64	42	32	25	18	15	14	12	11	9	8
-26.25°	37	31	24	18	15	14	12	11	10	8	7
-27.5°	29	23	17	15	14	12	11	10	9	7	6
-28.75°	20	16	15	13	12	11	10	9	7	6	4
-30°	15	14	13	12	11	10	9	7	6	5	4
-31.25°	14	12	11	10	9	8	7	6	5	4	4
-32.5°	12	11	10	9	8	7	6	4	4	4	4
-33.75°	10	9	9	8	6	5	4	4	4	3	3
-35°	9	8	7	6	5	4	4	4	3	3	3
-36.25°	7	6	5	4	4	4	4	3	3	3	3
-37.5°	5	4	4	4	4	4	3	3	3	3	3
-38.75°	4	4	4	4	3	3	3	3	3	3	2
-40°	4	4	3	3	3	3	3	3	3	2	2
-41.25°	3	3	3	3	3	3	3	2	2	2	2
-42.5°	3	3	3	3	3	3	2	2	2	2	2
-43.75°	3	3	3	3	2	2	2	2	2	2	2
-45°	3	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	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°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	1
-61.25°	2	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	0	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°	2	2	1	1	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	2	1	1	1	1	1
55°	2	2	2	2	2	2	2	2	1	1	1
53.75°	2	2	2	2	2	2	2	2	2	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°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	3	2	2	2	2	2	2	2	2	2	2
36.25°	3	3	2	2	2	2	2	2	2	2	2
35°	3	3	3	2	2	2	2	2	2	2	2



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	2	2	2	2	2	2	2
32.5°	3	3	3	3	2	2	2	2	2	2	2
31.25°	3	3	3	3	3	2	2	2	2	2	2
30°	4	3	3	3	3	3	2	2	2	2	2
28.75°	4	4	3	3	3	3	2	2	2	2	2
27.5°	4	4	4	3	3	3	3	2	2	2	2
26.25°	5	4	4	4	3	3	3	3	2	2	2
25°	6	5	4	4	3	3	3	3	2	2	2
23.75°	8	6	4	4	4	3	3	3	3	2	2
22.5°	9	7	5	4	4	3	3	3	3	2	2
21.25°	9	8	6	4	4	4	3	3	3	2	2
20°	10	9	7	5	4	4	3	3	3	3	2
18.75°	11	10	8	6	4	4	4	3	3	3	2
17.5°	12	10	9	7	5	4	4	3	3	3	3
16.25°	13	11	9	8	6	4	4	3	3	3	3
15°	13	12	10	8	6	5	4	4	3	3	3
13.75°	14	12	10	9	7	5	4	4	3	3	3
12.5°	15	13	11	9	8	6	4	4	3	3	3
11.25°	16	14	11	10	8	6	4	4	3	3	3
10°	16	14	12	10	9	7	5	4	4	3	3
8.75°	19	15	12	11	9	7	5	4	4	3	3
7.5°	21	15	13	11	9	7	5	4	4	3	3
6.25°	23	15	13	11	9	8	6	4	4	3	3
5°	24	16	14	11	10	8	6	4	4	3	3
3.75°	25	16	14	12	10	8	6	4	4	3	3
2.5°	26	16	14	12	10	8	6	4	4	3	3
1.25°	27	16	14	12	10	8	6	4	4	3	3
0°	27	16	14	12	10	8	6	4	4	3	3
-1.25°	27	16	14	12	10	8	6	4	4	3	3
-2.5°	26	16	14	12	10	8	6	4	4	3	3
-3.75°	25	16	14	12	10	8	6	4	4	3	3
-5°	24	16	14	11	10	8	6	4	4	3	3
-6.25°	23	15	13	11	9	8	6	4	4	3	3
-7.5°	21	15	13	11	9	7	5	4	4	3	3
-8.75°	19	15	12	11	9	7	5	4	4	3	3
-10°	16	14	12	10	9	7	5	4	4	3	3
-11.25°	16	14	11	10	8	6	4	4	3	3	3
-12.5°	15	13	11	9	8	6	4	4	3	3	3
-13.75°	14	12	10	9	7	5	4	4	3	3	3
-15°	13	12	10	8	6	5	4	4	3	3	3
-16.25°	13	11	9	8	6	4	4	3	3	3	3
-17.5°	12	10	9	7	5	4	4	3	3	3	3
-18.75°	11	10	8	6	4	4	4	3	3	3	2
-20°	10	9	7	5	4	4	3	3	3	3	2
-21.25°	9	8	6	4	4	4	3	3	3	2	2



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	9	7	5	4	4	3	3	3	3	2	2
-23.75°	8	6	4	4	4	3	3	3	3	2	2
-25°	6	5	4	4	3	3	3	3	2	2	2
-26.25°	5	4	4	4	3	3	3	3	2	2	2
-27.5°	4	4	4	3	3	3	3	2	2	2	2
-28.75°	4	4	3	3	3	3	2	2	2	2	2
-30°	4	3	3	3	3	3	2	2	2	2	2
-31.25°	3	3	3	3	3	2	2	2	2	2	2
-32.5°	3	3	3	3	2	2	2	2	2	2	2
-33.75°	3	3	3	3	2	2	2	2	2	2	2
-35°	3	3	3	2	2	2	2	2	2	2	2
-36.25°	3	3	2	2	2	2	2	2	2	2	2
-37.5°	3	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	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	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	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	2	1	1
-55°	2	2	2	2	2	2	2	2	1	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	1
-57.5°	2	2	2	2	1	1	1	1	1	1	1
-58.75°	2	2	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	0	0	0	0	0
-73.75°	1	1	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	0	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	1	0	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	0	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°	2	1	1	1	1	1	1	1	1	1	1
50°	2	2	1	1	1	1	1	1	1	1	1
48.75°	2	2	2	1	1	1	1	1	1	1	1
47.5°	2	2	2	2	1	1	1	1	1	1	1
46.25°	2	2	2	2	1	1	1	1	1	1	1
45°	2	2	2	2	2	1	1	1	1	1	1
43.75°	2	2	2	2	2	2	1	1	1	1	1
42.5°	2	2	2	2	2	2	2	1	1	1	1
41.25°	2	2	2	2	2	2	2	1	1	1	1
40°	2	2	2	2	2	2	2	2	1	1	1
38.75°	2	2	2	2	2	2	2	2	1	1	1
37.5°	2	2	2	2	2	2	2	2	2	1	1
36.25°	2	2	2	2	2	2	2	2	2	1	1
35°	2	2	2	2	2	2	2	2	2	2	1



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	2	2	2	2	2	2	1
32.5°	2	2	2	2	2	2	2	2	2	2	1
31.25°	2	2	2	2	2	2	2	2	2	2	2
30°	2	2	2	2	2	2	2	2	2	2	2
28.75°	2	2	2	2	2	2	2	2	2	2	2
27.5°	2	2	2	2	2	2	2	2	2	2	2
26.25°	2	2	2	2	2	2	2	2	2	2	2
25°	2	2	2	2	2	2	2	2	2	2	2
23.75°	2	2	2	2	2	2	2	2	2	2	2
22.5°	2	2	2	2	2	2	2	2	2	2	2
21.25°	2	2	2	2	2	2	2	2	2	2	2
20°	2	2	2	2	2	2	2	2	2	2	2
18.75°	2	2	2	2	2	2	2	2	2	2	2
17.5°	2	2	2	2	2	2	2	2	2	2	2
16.25°	2	2	2	2	2	2	2	2	2	2	2
15°	2	2	2	2	2	2	2	2	2	2	2
13.75°	2	2	2	2	2	2	2	2	2	2	2
12.5°	3	2	2	2	2	2	2	2	2	2	2
11.25°	3	2	2	2	2	2	2	2	2	2	2
10°	3	2	2	2	2	2	2	2	2	2	2
8.75°	3	2	2	2	2	2	2	2	2	2	2
7.5°	3	2	2	2	2	2	2	2	2	2	2
6.25°	3	2	2	2	2	2	2	2	2	2	2
5°	3	2	2	2	2	2	2	2	2	2	2
3.75°	3	2	2	2	2	2	2	2	2	2	2
2.5°	3	2	2	2	2	2	2	2	2	2	2
1.25°	3	2	2	2	2	2	2	2	2	2	2
0°	3	3	2	2	2	2	2	2	2	2	2
-1.25°	3	2	2	2	2	2	2	2	2	2	2
-2.5°	3	2	2	2	2	2	2	2	2	2	2
-3.75°	3	2	2	2	2	2	2	2	2	2	2
-5°	3	2	2	2	2	2	2	2	2	2	2
-6.25°	3	2	2	2	2	2	2	2	2	2	2
-7.5°	3	2	2	2	2	2	2	2	2	2	2
-8.75°	3	2	2	2	2	2	2	2	2	2	2
-10°	3	2	2	2	2	2	2	2	2	2	2
-11.25°	3	2	2	2	2	2	2	2	2	2	2
-12.5°	3	2	2	2	2	2	2	2	2	2	2
-13.75°	2	2	2	2	2	2	2	2	2	2	2
-15°	2	2	2	2	2	2	2	2	2	2	2
-16.25°	2	2	2	2	2	2	2	2	2	2	2
-17.5°	2	2	2	2	2	2	2	2	2	2	2
-18.75°	2	2	2	2	2	2	2	2	2	2	2
-20°	2	2	2	2	2	2	2	2	2	2	2
-21.25°	2	2	2	2	2	2	2	2	2	2	2





REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	2	2	2	2
-23.75°	2	2	2	2	2	2	2	2	2	2	2
-25°	2	2	2	2	2	2	2	2	2	2	2
-26.25°	2	2	2	2	2	2	2	2	2	2	2
-27.5°	2	2	2	2	2	2	2	2	2	2	2
-28.75°	2	2	2	2	2	2	2	2	2	2	2
-30°	2	2	2	2	2	2	2	2	2	2	2
-31.25°	2	2	2	2	2	2	2	2	2	2	2
-32.5°	2	2	2	2	2	2	2	2	2	2	1
-33.75°	2	2	2	2	2	2	2	2	2	2	1
-35°	2	2	2	2	2	2	2	2	2	2	1
-36.25°	2	2	2	2	2	2	2	2	2	1	1
-37.5°	2	2	2	2	2	2	2	2	2	1	1
-38.75°	2	2	2	2	2	2	2	2	1	1	1
-40°	2	2	2	2	2	2	2	2	1	1	1
-41.25°	2	2	2	2	2	2	2	1	1	1	1
-42.5°	2	2	2	2	2	2	2	1	1	1	1
-43.75°	2	2	2	2	2	2	1	1	1	1	1
-45°	2	2	2	2	2	1	1	1	1	1	1
-46.25°	2	2	2	2	1	1	1	1	1	1	1
-47.5°	2	2	2	2	1	1	1	1	1	1	1
-48.75°	2	2	2	1	1	1	1	1	1	1	1
-50°	2	2	1	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	0
-65°	1	1	1	1	1	1	1	1	0	0	0
-66.25°	1	1	1	1	1	1	1	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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	0	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	0	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	0	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	0	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	0	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	0
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	2	1	1	1	1	1	1	1	1	1	1
26.25°	2	1	1	1	1	1	1	1	1	1	1
25°	2	1	1	1	1	1	1	1	1	1	1
23.75°	2	2	1	1	1	1	1	1	1	1	1
22.5°	2	2	1	1	1	1	1	1	1	1	1
21.25°	2	2	1	1	1	1	1	1	1	1	1
20°	2	2	1	1	1	1	1	1	1	1	1
18.75°	2	2	1	1	1	1	1	1	1	1	1
17.5°	2	2	1	1	1	1	1	1	1	1	1
16.25°	2	2	2	1	1	1	1	1	1	1	1
15°	2	2	2	1	1	1	1	1	1	1	1
13.75°	2	2	2	1	1	1	1	1	1	1	1
12.5°	2	2	2	1	1	1	1	1	1	1	1
11.25°	2	2	2	1	1	1	1	1	1	1	1
10°	2	2	2	1	1	1	1	1	1	1	1
8.75°	2	2	2	1	1	1	1	1	1	1	1
7.5°	2	2	2	1	1	1	1	1	1	1	1
6.25°	2	2	2	1	1	1	1	1	1	1	1
5°	2	2	2	1	1	1	1	1	1	1	1
3.75°	2	2	2	1	1	1	1	1	1	1	1
2.5°	2	2	2	1	1	1	1	1	1	1	1
1.25°	2	2	2	1	1	1	1	1	1	1	1
0°	2	2	2	2	1	1	1	1	1	1	1
-1.25°	2	2	2	1	1	1	1	1	1	1	1
-2.5°	2	2	2	1	1	1	1	1	1	1	1
-3.75°	2	2	2	1	1	1	1	1	1	1	1
-5°	2	2	2	1	1	1	1	1	1	1	1
-6.25°	2	2	2	1	1	1	1	1	1	1	1
-7.5°	2	2	2	1	1	1	1	1	1	1	1
-8.75°	2	2	2	1	1	1	1	1	1	1	1
-10°	2	2	2	1	1	1	1	1	1	1	1
-11.25°	2	2	2	1	1	1	1	1	1	1	1
-12.5°	2	2	2	1	1	1	1	1	1	1	1
-13.75°	2	2	2	1	1	1	1	1	1	1	1
-15°	2	2	2	1	1	1	1	1	1	1	1
-16.25°	2	2	2	1	1	1	1	1	1	1	1
-17.5°	2	2	1	1	1	1	1	1	1	1	1
-18.75°	2	2	1	1	1	1	1	1	1	1	1
-20°	2	2	1	1	1	1	1	1	1	1	1
-21.25°	2	2	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	2	2	1	1	1	1	1	1	1	1	1
-23.75°	2	2	1	1	1	1	1	1	1	1	1
-25°	2	1	1	1	1	1	1	1	1	1	1
-26.25°	2	1	1	1	1	1	1	1	1	1	1
-27.5°	2	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	0
-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	0	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	0	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	0	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	0	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	0	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	0	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	0	0	0	0	0	0	0	0	0	0
17.5°	1	0	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	0	0	0	0	0	0	0	0	0	0
-18.75°	1	0	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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°	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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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: P220646 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-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)