

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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED2797-F-BK-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29423)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-BK-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 2700K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

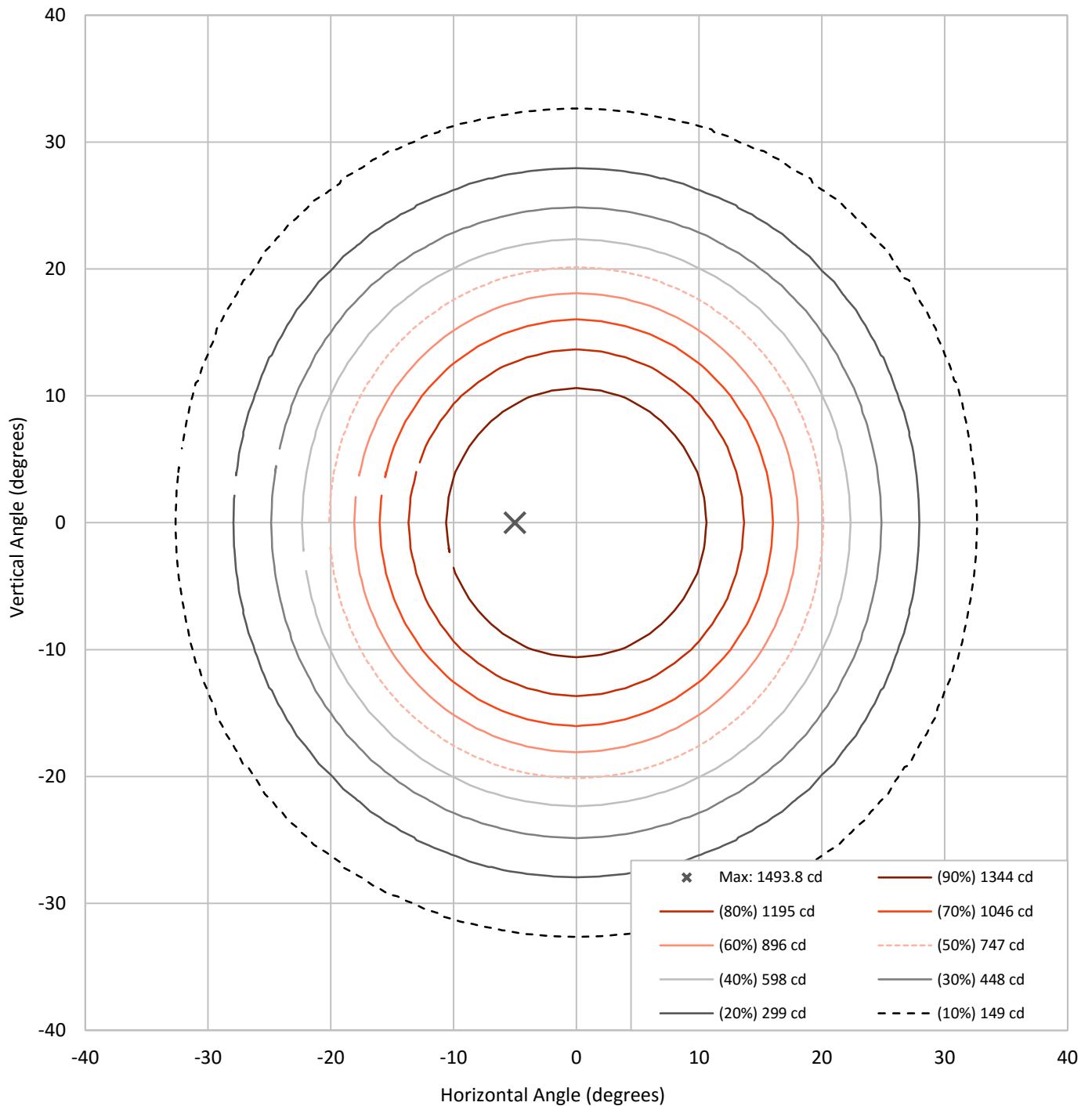
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	731.9 lumens	Max Intensity:	1493.8 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	73.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.3°H x 39.1°V	Field Angle (10%):	65°H x 64.5°V
Beam Lumens:	440.7 lumens	Field Lumens:	669.9 lumens
Beam Efficiency:	60.2%	Field Efficiency:	91.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-BK-L1-UNV

### Iso-Candela Plot





REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

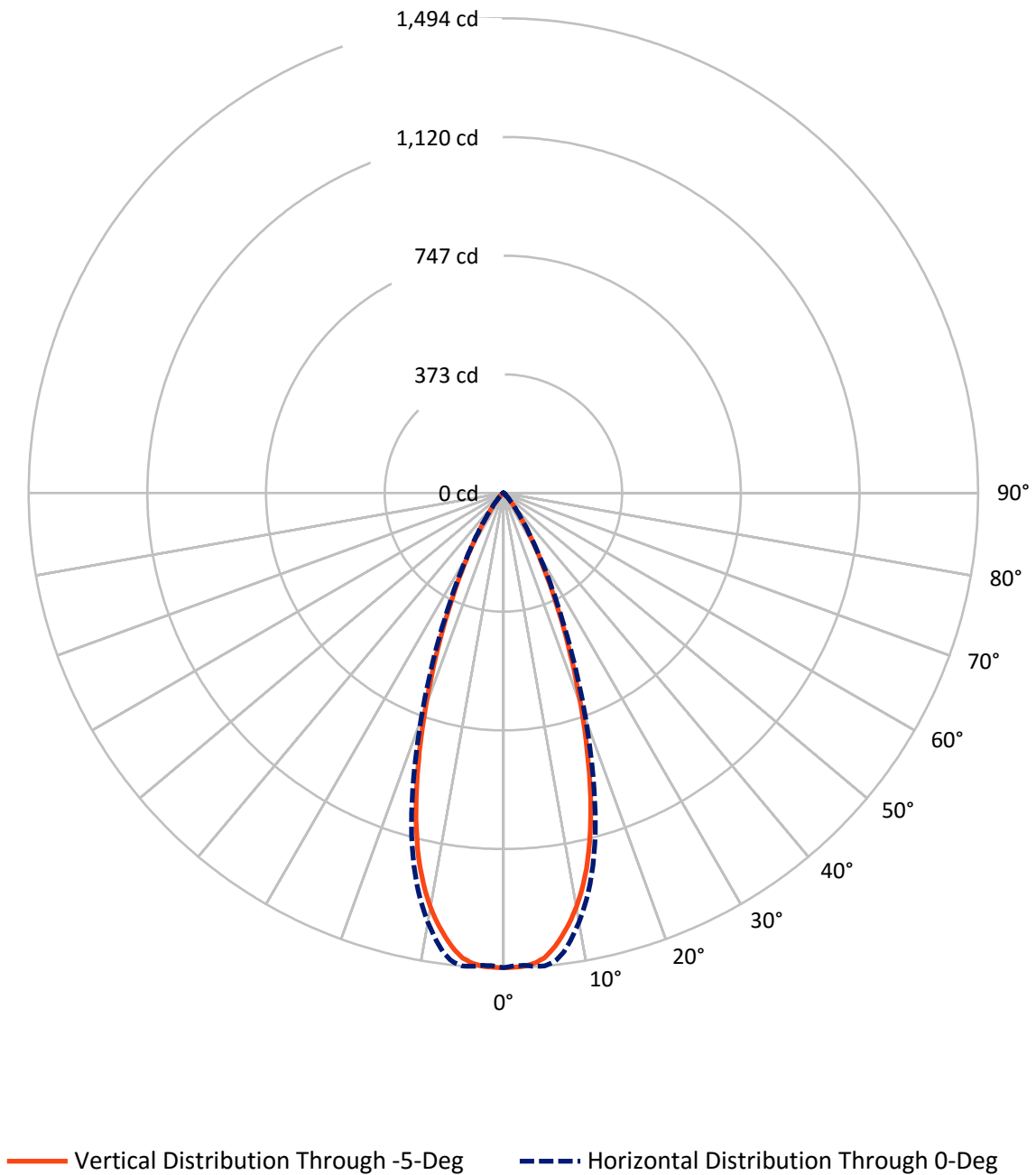
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-BK-L1-UNV

### 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	0.1	0.1	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
50	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.6	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.3	0.9	2.1	3.2	3.2	2.1	0.9	0.3	0.1	0.0			
30	0.0	0.0	0.0	0.2	0.8	3.1	8.0	12.8	12.8	8.0	3.1	0.8	0.2	0.0	0.0	0.0	0.0
20		0.0	0.1	0.3	1.8	7.5	19.9	31.2	31.2	19.9	7.5	1.8	0.3	0.1			
10	0.0	0.0	0.1	0.4	2.6	11.7	30.3	43.1	43.1	30.3	11.7	2.6	0.4	0.1	0.0	0.0	0.0
0		0.0	0.1	0.4	2.6	11.7	30.3	43.1	43.1	30.3	11.7	2.6	0.4	0.1			
-10	0.0	0.0	0.1	0.4	2.6	11.7	30.3	43.1	43.1	30.3	11.7	2.6	0.4	0.1	0.0	0.0	0.0
-20		0.0	0.1	0.3	1.8	7.5	19.9	31.2	31.2	19.9	7.5	1.8	0.3	0.1			
-30	0.0	0.0	0.0	0.2	0.8	3.1	8.0	12.8	12.8	8.0	3.1	0.8	0.2	0.0	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.3	0.9	2.1	3.2	3.2	2.1	0.9	0.3	0.1	0.0			
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.6	0.4	0.2	0.1	0.1	0.0	0.0	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	0.0	0.0			
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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			
-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

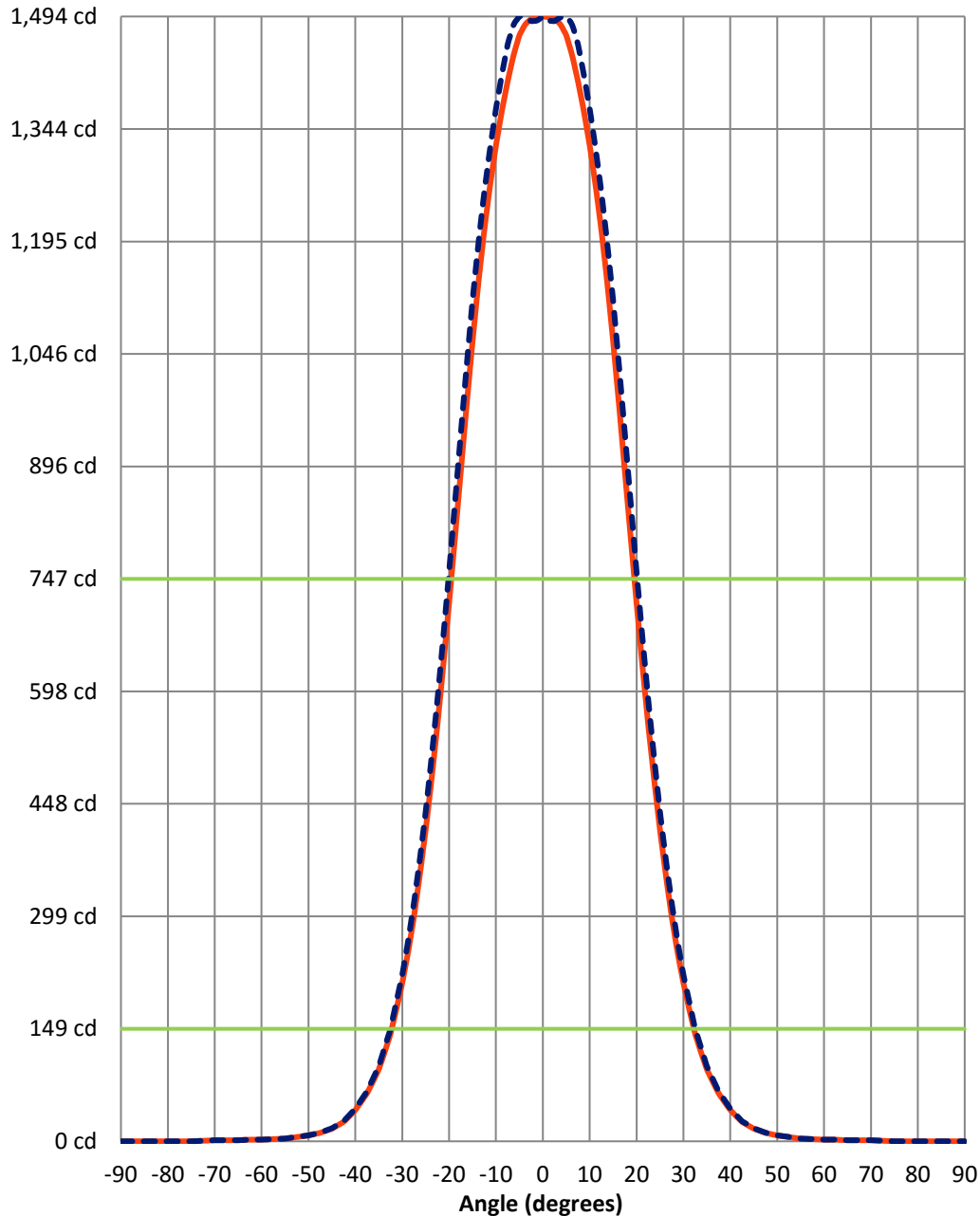
REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-BK-L1-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-BK-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 40.3°  
 V Angle: 39.1°  
 Lumens: 440.7  
 Efficiency: 60.2%

**Field:**  
 H Angle: 65°  
 V Angle: 64.5°  
 Lumens: 669.9  
 Efficiency: 91.5%

**Spill:**  
 Lumens: 62  
 Efficiency: 8.5%

- Vertical Distribution through -5-Deg
- - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-BK-L1-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	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	1
47.5°	0	0	0	0	0	0	0	0	0	0	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	0	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	0	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	1	1	1	1	1
35°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	0	0	0	0	1	1	1	1	1
32.5°	0	0	0	0	0	0	1	1	1	1	1
31.25°	0	0	0	0	0	1	1	1	1	1	1
30°	0	0	0	0	0	1	1	1	1	1	1
28.75°	0	0	0	0	0	1	1	1	1	1	1
27.5°	0	0	0	0	0	1	1	1	1	1	1
26.25°	0	0	0	0	0	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	1	1	1	1	1	1	1	1
13.75°	0	0	0	1	1	1	1	1	1	1	2
12.5°	0	0	0	1	1	1	1	1	1	1	2
11.25°	0	0	0	1	1	1	1	1	1	1	2
10°	0	0	0	1	1	1	1	1	1	1	2
8.75°	0	0	0	1	1	1	1	1	1	1	2
7.5°	0	0	0	1	1	1	1	1	1	1	2
6.25°	0	0	0	1	1	1	1	1	1	1	2
5°	0	0	0	1	1	1	1	1	1	1	2
3.75°	0	0	0	1	1	1	1	1	1	1	2
2.5°	0	0	0	1	1	1	1	1	1	1	2
1.25°	0	0	0	1	1	1	1	1	1	1	2
0°	0	0	0	1	1	1	1	1	1	1	2
-1.25°	0	0	0	1	1	1	1	1	1	1	2
-2.5°	0	0	0	1	1	1	1	1	1	1	2
-3.75°	0	0	0	1	1	1	1	1	1	1	2
-5°	0	0	0	1	1	1	1	1	1	1	2
-6.25°	0	0	0	1	1	1	1	1	1	1	2
-7.5°	0	0	0	1	1	1	1	1	1	1	2
-8.75°	0	0	0	1	1	1	1	1	1	1	2
-10°	0	0	0	1	1	1	1	1	1	1	2
-11.25°	0	0	0	1	1	1	1	1	1	1	2
-12.5°	0	0	0	1	1	1	1	1	1	1	2
-13.75°	0	0	0	1	1	1	1	1	1	1	2
-15°	0	0	0	1	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	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	0	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-28.75°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	0	1	1	1	1	1
-33.75°	0	0	0	0	0	0	1	1	1	1	1
-35°	0	0	0	0	0	0	1	1	1	1	1
-36.25°	0	0	0	0	0	0	1	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	0	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	0	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	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	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	1	1	1	1	1	1
56.25°	0	0	0	0	1	1	1	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
53.75°	0	0	1	1	1	1	1	1	1	1	1
52.5°	0	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	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	1	2	2	2
42.5°	1	1	1	1	1	1	1	2	2	2	2
41.25°	1	1	1	1	1	1	2	2	2	2	2
40°	1	1	1	1	1	1	2	2	2	2	2
38.75°	1	1	1	1	1	2	2	2	2	2	2
37.5°	1	1	1	1	1	2	2	2	2	2	2
36.25°	1	1	1	1	2	2	2	2	2	2	3
35°	1	1	1	1	2	2	2	2	2	2	3



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	3	3
32.5°	1	1	1	2	2	2	2	2	2	3	3
31.25°	1	1	1	2	2	2	2	2	3	3	3
30°	1	1	2	2	2	2	2	2	3	3	3
28.75°	1	1	2	2	2	2	2	3	3	3	3
27.5°	1	1	2	2	2	2	2	3	3	3	4
26.25°	1	2	2	2	2	2	2	3	3	3	4
25°	1	2	2	2	2	2	3	3	3	3	4
23.75°	1	2	2	2	2	2	3	3	3	4	5
22.5°	1	2	2	2	2	2	3	3	3	4	5
21.25°	2	2	2	2	2	3	3	3	3	4	5
20°	2	2	2	2	2	3	3	3	4	5	5
18.75°	2	2	2	2	2	3	3	3	4	5	6
17.5°	2	2	2	2	2	3	3	3	4	5	6
16.25°	2	2	2	2	2	3	3	3	4	5	6
15°	2	2	2	2	3	3	3	4	4	6	7
13.75°	2	2	2	2	3	3	3	4	5	6	7
12.5°	2	2	2	2	3	3	3	4	5	6	7
11.25°	2	2	2	2	3	3	3	4	5	6	7
10°	2	2	2	2	3	3	3	4	5	6	7
8.75°	2	2	2	2	3	3	3	4	5	6	7
7.5°	2	2	2	2	3	3	4	4	5	7	8
6.25°	2	2	2	2	3	3	4	4	6	7	8
5°	2	2	2	3	3	3	4	5	6	7	8
3.75°	2	2	2	3	3	3	4	5	6	7	8
2.5°	2	2	2	3	3	3	4	5	6	7	8
1.25°	2	2	2	3	3	3	4	5	6	7	8
0°	2	2	2	3	3	3	4	5	6	7	8
-1.25°	2	2	2	3	3	3	4	5	6	7	8
-2.5°	2	2	2	3	3	3	4	5	6	7	8
-3.75°	2	2	2	3	3	3	4	5	6	7	8
-5°	2	2	2	3	3	3	4	5	6	7	8
-6.25°	2	2	2	2	3	3	4	4	6	7	8
-7.5°	2	2	2	2	3	3	4	4	5	7	8
-8.75°	2	2	2	2	3	3	3	4	5	6	7
-10°	2	2	2	2	3	3	3	4	5	6	7
-11.25°	2	2	2	2	3	3	3	4	5	6	7
-12.5°	2	2	2	2	3	3	3	4	5	6	7
-13.75°	2	2	2	2	3	3	3	4	5	6	7
-15°	2	2	2	2	3	3	3	4	4	6	7
-16.25°	2	2	2	2	2	3	3	3	4	5	6
-17.5°	2	2	2	2	2	3	3	3	4	5	6
-18.75°	2	2	2	2	2	3	3	3	4	5	6
-20°	2	2	2	2	2	3	3	3	4	5	5
-21.25°	2	2	2	2	2	3	3	3	3	4	5





REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	1	2	2	2	2	2	3	3	3	4	5
-23.75°	1	2	2	2	2	2	3	3	3	4	5
-25°	1	2	2	2	2	2	3	3	3	3	4
-26.25°	1	2	2	2	2	2	2	3	3	3	4
-27.5°	1	1	2	2	2	2	2	3	3	3	4
-28.75°	1	1	2	2	2	2	2	3	3	3	3
-30°	1	1	2	2	2	2	2	2	3	3	3
-31.25°	1	1	1	2	2	2	2	2	3	3	3
-32.5°	1	1	1	2	2	2	2	2	2	3	3
-33.75°	1	1	1	2	2	2	2	2	2	3	3
-35°	1	1	1	1	2	2	2	2	2	2	3
-36.25°	1	1	1	1	2	2	2	2	2	2	3
-37.5°	1	1	1	1	1	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	1	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	1	2	2	2	2
-43.75°	1	1	1	1	1	1	1	1	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	1	2
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	0	1	1	1	1	1	1	1	1	1	1
-53.75°	0	0	1	1	1	1	1	1	1	1	1
-55°	0	0	0	1	1	1	1	1	1	1	1
-56.25°	0	0	0	0	1	1	1	1	1	1	1
-57.5°	0	0	0	0	0	1	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	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	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	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	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	2
56.25°	1	1	1	1	1	1	1	1	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
53.75°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	2	2
51.25°	1	1	2	2	2	2	2	2	2	2	2
50°	1	2	2	2	2	2	2	2	2	2	3
48.75°	2	2	2	2	2	2	2	2	2	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	3	3	3	3	3	4
43.75°	2	2	2	2	3	3	3	3	3	4	4
42.5°	2	2	2	3	3	3	3	3	4	4	5
41.25°	2	2	3	3	3	3	3	4	4	5	6
40°	2	3	3	3	3	3	4	4	5	6	6
38.75°	2	3	3	3	3	4	4	5	6	6	7
37.5°	3	3	3	3	4	4	5	6	6	7	8
36.25°	3	3	3	4	4	5	6	6	7	8	9
35°	3	3	3	4	5	5	6	7	8	9	10



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	3	3	4	4	5	6	7	8	9	10	11
32.5°	3	4	4	5	6	7	7	8	10	11	12
31.25°	3	4	5	6	6	7	8	9	11	12	14
30°	4	4	5	6	7	8	9	10	11	14	16
28.75°	4	5	6	6	7	8	10	11	13	15	17
27.5°	4	5	6	7	8	9	11	12	14	17	20
26.25°	5	6	6	7	8	10	11	14	16	19	22
25°	5	6	7	8	9	11	13	15	17	21	25
23.75°	5	6	7	8	10	11	14	16	19	23	27
22.5°	6	7	8	9	11	13	15	17	21	25	31
21.25°	6	7	8	10	11	14	16	19	23	28	35
20°	6	7	9	10	12	15	17	21	25	31	38
18.75°	7	8	9	11	13	16	19	23	27	35	42
17.5°	7	8	10	11	14	17	20	25	30	38	46
16.25°	7	9	10	12	15	18	22	26	33	41	50
15°	8	9	11	13	16	19	23	28	36	44	54
13.75°	8	9	11	14	16	20	24	31	38	47	58
12.5°	8	10	11	14	17	21	26	33	41	50	61
11.25°	8	10	12	15	18	22	27	35	43	53	64
10°	9	10	12	15	19	23	28	36	45	56	67
8.75°	9	11	13	16	19	24	30	38	47	58	71
7.5°	9	11	13	16	20	25	31	39	49	61	74
6.25°	9	11	14	17	21	25	32	41	51	62	77
5°	9	11	14	17	21	26	33	42	52	64	79
3.75°	10	11	14	17	22	26	34	42	53	65	81
2.5°	10	11	14	17	22	26	35	43	54	66	82
1.25°	10	11	14	17	22	27	35	43	55	66	83
0°	10	12	14	17	22	27	35	43	55	66	83
-1.25°	10	11	14	17	22	27	35	43	55	66	83
-2.5°	10	11	14	17	22	26	35	43	54	66	82
-3.75°	10	11	14	17	22	26	34	42	53	65	81
-5°	9	11	14	17	21	26	33	42	52	64	79
-6.25°	9	11	14	17	21	25	32	41	51	62	77
-7.5°	9	11	13	16	20	25	31	39	49	61	74
-8.75°	9	11	13	16	19	24	30	38	47	58	71
-10°	9	10	12	15	19	23	28	36	45	56	67
-11.25°	8	10	12	15	18	22	27	35	43	53	64
-12.5°	8	10	11	14	17	21	26	33	41	50	61
-13.75°	8	9	11	14	16	20	24	31	38	47	58
-15°	8	9	11	13	16	19	23	28	36	44	54
-16.25°	7	9	10	12	15	18	22	26	33	41	50
-17.5°	7	8	10	11	14	17	20	25	30	38	46
-18.75°	7	8	9	11	13	16	19	23	27	35	42
-20°	6	7	9	10	12	15	17	21	25	31	38
-21.25°	6	7	8	10	11	14	16	19	23	28	35



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	6	7	8	9	11	13	15	17	21	25	31
-23.75°	5	6	7	8	10	11	14	16	19	23	27
-25°	5	6	7	8	9	11	13	15	17	21	25
-26.25°	5	6	6	7	8	10	11	14	16	19	22
-27.5°	4	5	6	7	8	9	11	12	14	17	20
-28.75°	4	5	6	6	7	8	10	11	13	15	17
-30°	4	4	5	6	7	8	9	10	11	14	16
-31.25°	3	4	5	6	6	7	8	9	11	12	14
-32.5°	3	4	4	5	6	7	7	8	10	11	12
-33.75°	3	3	4	4	5	6	7	8	9	10	11
-35°	3	3	3	4	5	5	6	7	8	9	10
-36.25°	3	3	3	4	4	5	6	6	7	8	9
-37.5°	3	3	3	3	4	4	5	6	6	7	8
-38.75°	2	3	3	3	3	4	4	5	6	6	7
-40°	2	3	3	3	3	3	4	4	5	6	6
-41.25°	2	2	3	3	3	3	3	4	4	5	6
-42.5°	2	2	2	3	3	3	3	3	4	4	5
-43.75°	2	2	2	2	3	3	3	3	3	4	4
-45°	2	2	2	2	2	3	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	2	3	3
-50°	1	2	2	2	2	2	2	2	2	2	3
-51.25°	1	1	2	2	2	2	2	2	2	2	2
-52.5°	1	1	1	2	2	2	2	2	2	2	2
-53.75°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	2	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	1	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°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	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	1	1	1
70°	0	0	0	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	2	2	2	2
60°	1	1	1	1	2	2	2	2	2	2	2
58.75°	1	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
51.25°	2	3	3	3	3	3	3	3	3	4	4
50°	3	3	3	3	3	3	4	4	4	5	5
48.75°	3	3	3	3	4	4	4	5	5	5	6
47.5°	3	3	4	4	4	5	5	6	6	6	7
46.25°	3	4	4	5	5	6	6	6	7	7	8
45°	4	4	5	6	6	6	7	7	8	8	9
43.75°	5	5	6	6	7	7	8	8	9	10	11
42.5°	5	6	7	7	8	8	9	10	11	11	13
41.25°	6	7	7	8	9	10	11	11	13	14	15
40°	7	8	8	9	10	11	12	14	15	16	17
38.75°	8	9	10	11	11	13	14	16	17	19	21
37.5°	9	10	11	12	14	15	17	19	21	23	25
36.25°	10	11	12	14	16	17	20	22	25	27	31
35°	11	12	14	16	18	21	23	26	30	34	38



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	12	14	16	18	21	24	27	31	36	40	45
32.5°	14	16	19	22	25	28	33	38	42	48	54
31.25°	16	18	22	25	28	34	39	44	51	57	63
30°	18	21	25	28	34	39	45	52	59	66	75
28.75°	21	24	28	34	39	45	53	60	68	78	88
27.5°	23	27	33	39	45	53	61	69	80	90	100
26.25°	26	31	38	44	52	60	69	80	91	103	119
25°	30	36	42	51	59	68	80	91	104	121	137
23.75°	34	40	48	57	66	78	90	103	121	138	156
22.5°	38	45	54	63	75	88	100	119	137	156	181
21.25°	42	51	60	71	84	97	115	134	153	179	205
20°	46	56	66	79	93	109	129	148	175	202	229
18.75°	51	61	73	87	101	122	142	167	196	224	257
17.5°	56	66	80	95	113	134	157	187	215	249	286
16.25°	60	73	87	103	124	146	175	205	237	275	316
15°	65	79	94	113	135	160	191	222	259	301	347
13.75°	69	85	100	122	145	175	206	241	282	328	377
12.5°	74	90	108	131	156	188	221	260	305	354	407
11.25°	79	95	116	139	168	201	237	279	327	379	436
10°	83	99	123	146	179	212	251	296	348	403	465
8.75°	87	105	129	154	188	223	265	313	367	426	490
7.5°	90	110	134	162	197	234	278	328	384	446	514
6.25°	93	114	139	169	204	243	289	342	400	465	535
5°	95	118	143	175	210	250	298	353	413	480	552
3.75°	97	121	146	179	215	257	306	362	424	492	567
2.5°	99	123	148	183	218	261	312	368	431	501	577
1.25°	99	124	149	184	220	264	315	372	436	507	583
0°	100	125	149	185	221	265	316	374	437	509	586
-1.25°	99	124	149	184	220	264	315	372	436	507	583
-2.5°	99	123	148	183	218	261	312	368	431	501	577
-3.75°	97	121	146	179	215	257	306	362	424	492	567
-5°	95	118	143	175	210	250	298	353	413	480	552
-6.25°	93	114	139	169	204	243	289	342	400	465	535
-7.5°	90	110	134	162	197	234	278	328	384	446	514
-8.75°	87	105	129	154	188	223	265	313	367	426	490
-10°	83	99	123	146	179	212	251	296	348	403	465
-11.25°	79	95	116	139	168	201	237	279	327	379	436
-12.5°	74	90	108	131	156	188	221	260	305	354	407
-13.75°	69	85	100	122	145	175	206	241	282	328	377
-15°	65	79	94	113	135	160	191	222	259	301	347
-16.25°	60	73	87	103	124	146	175	205	237	275	316
-17.5°	56	66	80	95	113	134	157	187	215	249	286
-18.75°	51	61	73	87	101	122	142	167	196	224	257
-20°	46	56	66	79	93	109	129	148	175	202	229
-21.25°	42	51	60	71	84	97	115	134	153	179	205





REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	38	45	54	63	75	88	100	119	137	156	181
-23.75°	34	40	48	57	66	78	90	103	121	138	156
-25°	30	36	42	51	59	68	80	91	104	121	137
-26.25°	26	31	38	44	52	60	69	80	91	103	119
-27.5°	23	27	33	39	45	53	61	69	80	90	100
-28.75°	21	24	28	34	39	45	53	60	68	78	88
-30°	18	21	25	28	34	39	45	52	59	66	75
-31.25°	16	18	22	25	28	34	39	44	51	57	63
-32.5°	14	16	19	22	25	28	33	38	42	48	54
-33.75°	12	14	16	18	21	24	27	31	36	40	45
-35°	11	12	14	16	18	21	23	26	30	34	38
-36.25°	10	11	12	14	16	17	20	22	25	27	31
-37.5°	9	10	11	12	14	15	17	19	21	23	25
-38.75°	8	9	10	11	11	13	14	16	17	19	21
-40°	7	8	8	9	10	11	12	14	15	16	17
-41.25°	6	7	7	8	9	10	11	11	13	14	15
-42.5°	5	6	7	7	8	8	9	10	11	11	13
-43.75°	5	5	6	6	7	7	8	8	9	10	11
-45°	4	4	5	6	6	6	7	7	8	8	9
-46.25°	3	4	4	5	5	6	6	6	7	7	8
-47.5°	3	3	4	4	4	5	5	6	6	6	7
-48.75°	3	3	3	3	4	4	4	5	5	5	6
-50°	3	3	3	3	3	3	4	4	4	5	5
-51.25°	2	3	3	3	3	3	3	3	3	4	4
-52.5°	2	2	2	3	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	3	3	3	3	3	3
-55°	2	2	2	2	2	2	2	2	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	1	2	2	2	2	2	2	2	2	2	2
-60°	1	1	1	1	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	1	2	2	2	2
-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	0	0	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	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	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	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	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	4	4	4	4	4	4
52.5°	3	4	4	4	4	4	5	5	5	5	5
51.25°	4	5	5	5	5	6	6	6	6	6	6
50°	5	5	6	6	6	7	7	7	7	7	7
48.75°	6	6	7	7	7	8	8	8	8	9	9
47.5°	7	7	8	8	9	9	9	10	10	10	11
46.25°	8	9	9	10	10	11	11	11	12	12	13
45°	10	10	11	11	12	13	14	14	15	15	16
43.75°	11	12	13	14	15	16	16	17	18	19	19
42.5°	14	15	16	17	18	19	20	21	22	23	24
41.25°	16	17	19	20	22	23	24	26	27	28	30
40°	19	21	23	25	26	28	31	33	35	36	38
38.75°	23	25	27	30	33	36	38	41	43	45	47
37.5°	28	31	35	38	41	44	47	50	53	56	58
36.25°	35	38	42	46	50	54	58	61	64	67	71
35°	42	46	51	56	60	65	69	74	79	83	87



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	51	56	61	66	73	79	85	90	95	99	105
32.5°	60	66	73	80	87	94	100	108	116	123	129
31.25°	71	79	87	95	103	113	122	131	139	146	154
30°	84	93	101	113	124	135	145	156	168	179	188
28.75°	97	109	122	134	146	160	175	188	201	212	223
27.5°	115	129	142	157	175	191	206	221	237	251	265
26.25°	134	148	167	187	205	222	241	260	279	296	313
25°	153	175	196	215	237	259	282	305	327	348	367
23.75°	179	202	224	249	275	301	328	354	379	403	426
22.5°	205	229	257	286	316	347	377	407	436	465	490
21.25°	231	261	292	327	361	395	430	465	498	530	560
20°	261	295	332	370	408	448	487	527	564	600	634
18.75°	292	332	372	415	459	503	547	591	634	674	712
17.5°	327	370	415	462	511	560	610	659	706	751	792
16.25°	361	408	459	511	565	619	674	728	780	829	873
15°	395	448	503	560	619	679	739	798	853	905	954
13.75°	430	487	547	610	674	739	804	866	925	981	1030
12.5°	465	527	591	659	728	798	866	932	994	1051	1101
11.25°	498	564	634	706	780	853	925	994	1058	1116	1165
10°	530	600	674	751	829	905	981	1051	1116	1172	1220
8.75°	560	634	712	792	873	954	1030	1101	1165	1220	1268
7.5°	587	665	746	830	914	996	1073	1145	1207	1261	1307
6.25°	611	692	776	862	949	1032	1111	1181	1242	1295	1341
5°	631	715	801	890	978	1062	1140	1209	1270	1322	1368
3.75°	647	733	821	911	1001	1085	1163	1232	1292	1343	1389
2.5°	659	746	836	927	1017	1103	1180	1248	1307	1359	1404
1.25°	666	754	845	937	1027	1113	1189	1257	1316	1368	1414
0°	669	756	848	940	1030	1116	1192	1260	1319	1371	1417
-1.25°	666	754	845	937	1027	1113	1189	1257	1316	1368	1414
-2.5°	659	746	836	927	1017	1103	1180	1248	1307	1359	1404
-3.75°	647	733	821	911	1001	1085	1163	1232	1292	1343	1389
-5°	631	715	801	890	978	1062	1140	1209	1270	1322	1368
-6.25°	611	692	776	862	949	1032	1111	1181	1242	1295	1341
-7.5°	587	665	746	830	914	996	1073	1145	1207	1261	1307
-8.75°	560	634	712	792	873	954	1030	1101	1165	1220	1268
-10°	530	600	674	751	829	905	981	1051	1116	1172	1220
-11.25°	498	564	634	706	780	853	925	994	1058	1116	1165
-12.5°	465	527	591	659	728	798	866	932	994	1051	1101
-13.75°	430	487	547	610	674	739	804	866	925	981	1030
-15°	395	448	503	560	619	679	739	798	853	905	954
-16.25°	361	408	459	511	565	619	674	728	780	829	873
-17.5°	327	370	415	462	511	560	610	659	706	751	792
-18.75°	292	332	372	415	459	503	547	591	634	674	712
-20°	261	295	332	370	408	448	487	527	564	600	634
-21.25°	231	261	292	327	361	395	430	465	498	530	560



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	205	229	257	286	316	347	377	407	436	465	490
-23.75°	179	202	224	249	275	301	328	354	379	403	426
-25°	153	175	196	215	237	259	282	305	327	348	367
-26.25°	134	148	167	187	205	222	241	260	279	296	313
-27.5°	115	129	142	157	175	191	206	221	237	251	265
-28.75°	97	109	122	134	146	160	175	188	201	212	223
-30°	84	93	101	113	124	135	145	156	168	179	188
-31.25°	71	79	87	95	103	113	122	131	139	146	154
-32.5°	60	66	73	80	87	94	100	108	116	123	129
-33.75°	51	56	61	66	73	79	85	90	95	99	105
-35°	42	46	51	56	60	65	69	74	79	83	87
-36.25°	35	38	42	46	50	54	58	61	64	67	71
-37.5°	28	31	35	38	41	44	47	50	53	56	58
-38.75°	23	25	27	30	33	36	38	41	43	45	47
-40°	19	21	23	25	26	28	31	33	35	36	38
-41.25°	16	17	19	20	22	23	24	26	27	28	30
-42.5°	14	15	16	17	18	19	20	21	22	23	24
-43.75°	11	12	13	14	15	16	16	17	18	19	19
-45°	10	10	11	11	12	13	14	14	15	15	16
-46.25°	8	9	9	10	10	11	11	11	12	12	13
-47.5°	7	7	8	8	9	9	9	10	10	10	11
-48.75°	6	6	7	7	7	8	8	8	8	9	9
-50°	5	5	6	6	6	7	7	7	7	7	7
-51.25°	4	5	5	5	5	6	6	6	6	6	6
-52.5°	3	4	4	4	4	4	5	5	5	5	5
-53.75°	3	3	3	3	3	4	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	3	3	3	3	3	3
-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	1	1	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°	0	0	0	0	0	1	1	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	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°	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	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	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	5	5	5	5	5	5	5	5	5
52.5°	5	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	7	7	7
50°	8	8	8	8	8	8	8	8	8	8	8
48.75°	9	9	9	10	10	10	10	10	10	10	9
47.5°	11	11	11	11	11	11	12	11	11	11	11
46.25°	13	14	14	14	14	14	14	14	14	14	14
45°	16	17	17	17	17	17	17	17	17	17	17
43.75°	20	21	21	22	22	22	22	22	22	22	21
42.5°	25	25	26	26	26	27	27	27	26	26	26
41.25°	31	32	33	34	35	35	35	35	35	34	33
40°	39	41	42	42	43	43	43	43	43	42	42
38.75°	49	51	52	53	54	55	55	55	54	53	52
37.5°	61	62	64	65	66	66	66	66	66	65	64
36.25°	74	77	79	81	82	83	83	83	82	81	79
35°	90	93	95	97	99	99	100	99	99	97	95



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	110	114	118	121	123	124	125	124	123	121	118
32.5°	134	139	143	146	148	149	149	149	148	146	143
31.25°	162	169	175	179	183	184	185	184	183	179	175
30°	197	204	210	215	218	220	221	220	218	215	210
28.75°	234	243	250	257	261	264	265	264	261	257	250
27.5°	278	289	298	306	312	315	316	315	312	306	298
26.25°	328	342	353	362	368	372	374	372	368	362	353
25°	384	400	413	424	431	436	437	436	431	424	413
23.75°	446	465	480	492	501	507	509	507	501	492	480
22.5°	514	535	552	567	577	583	586	583	577	567	552
21.25°	587	611	631	647	659	666	669	666	659	647	631
20°	665	692	715	733	746	754	756	754	746	733	715
18.75°	746	776	801	821	836	845	848	845	836	821	801
17.5°	830	862	890	911	927	937	940	937	927	911	890
16.25°	914	949	978	1001	1017	1027	1030	1027	1017	1001	978
15°	996	1032	1062	1085	1103	1113	1116	1113	1103	1085	1062
13.75°	1073	1111	1140	1163	1180	1189	1192	1189	1180	1163	1140
12.5°	1145	1181	1209	1232	1248	1257	1260	1257	1248	1232	1209
11.25°	1207	1242	1270	1292	1307	1316	1319	1316	1307	1292	1270
10°	1261	1295	1322	1343	1359	1368	1371	1368	1359	1343	1322
8.75°	1307	1341	1368	1389	1404	1414	1417	1414	1404	1389	1368
7.5°	1347	1380	1408	1429	1445	1454	1457	1454	1445	1429	1408
6.25°	1380	1414	1443	1463	1475	1482	1484	1482	1475	1463	1443
5°	1408	1443	1469	1484	1490	1493	1494	1493	1490	1484	1469
3.75°	1429	1463	1484	1492	1494	1494	1493	1494	1494	1492	1484
2.5°	1445	1475	1490	1494	1492	1489	1488	1489	1492	1494	1490
1.25°	1454	1482	1493	1494	1489	1487	1488	1487	1489	1494	1493
0°	1457	1484	1494	1493	1488	1488	1494	1488	1488	1493	1494
-1.25°	1454	1482	1493	1494	1489	1487	1488	1487	1489	1494	1493
-2.5°	1445	1475	1490	1494	1492	1489	1488	1489	1492	1494	1490
-3.75°	1429	1463	1484	1492	1494	1494	1493	1494	1494	1492	1484
-5°	1408	1443	1469	1484	1490	1493	1494	1493	1490	1484	1469
-6.25°	1380	1414	1443	1463	1475	1482	1484	1482	1475	1463	1443
-7.5°	1347	1380	1408	1429	1445	1454	1457	1454	1445	1429	1408
-8.75°	1307	1341	1368	1389	1404	1414	1417	1414	1404	1389	1368
-10°	1261	1295	1322	1343	1359	1368	1371	1368	1359	1343	1322
-11.25°	1207	1242	1270	1292	1307	1316	1319	1316	1307	1292	1270
-12.5°	1145	1181	1209	1232	1248	1257	1260	1257	1248	1232	1209
-13.75°	1073	1111	1140	1163	1180	1189	1192	1189	1180	1163	1140
-15°	996	1032	1062	1085	1103	1113	1116	1113	1103	1085	1062
-16.25°	914	949	978	1001	1017	1027	1030	1027	1017	1001	978
-17.5°	830	862	890	911	927	937	940	937	927	911	890
-18.75°	746	776	801	821	836	845	848	845	836	821	801
-20°	665	692	715	733	746	754	756	754	746	733	715
-21.25°	587	611	631	647	659	666	669	666	659	647	631





REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	514	535	552	567	577	583	586	583	577	567	552
-23.75°	446	465	480	492	501	507	509	507	501	492	480
-25°	384	400	413	424	431	436	437	436	431	424	413
-26.25°	328	342	353	362	368	372	374	372	368	362	353
-27.5°	278	289	298	306	312	315	316	315	312	306	298
-28.75°	234	243	250	257	261	264	265	264	261	257	250
-30°	197	204	210	215	218	220	221	220	218	215	210
-31.25°	162	169	175	179	183	184	185	184	183	179	175
-32.5°	134	139	143	146	148	149	149	149	148	146	143
-33.75°	110	114	118	121	123	124	125	124	123	121	118
-35°	90	93	95	97	99	99	100	99	99	97	95
-36.25°	74	77	79	81	82	83	83	83	82	81	79
-37.5°	61	62	64	65	66	66	66	66	66	65	64
-38.75°	49	51	52	53	54	55	55	55	54	53	52
-40°	39	41	42	42	43	43	43	43	43	42	42
-41.25°	31	32	33	34	35	35	35	35	35	34	33
-42.5°	25	25	26	26	26	27	27	27	26	26	26
-43.75°	20	21	21	22	22	22	22	22	22	22	21
-45°	16	17	17	17	17	17	17	17	17	17	17
-46.25°	13	14	14	14	14	14	14	14	14	14	14
-47.5°	11	11	11	11	11	11	12	11	11	11	11
-48.75°	9	9	9	10	10	10	10	10	10	10	9
-50°	8	8	8	8	8	8	8	8	8	8	8
-51.25°	7	7	7	7	7	7	7	7	7	7	7
-52.5°	5	6	6	6	6	6	6	6	6	6	6
-53.75°	4	4	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	3	3	3	3	3	3	3	3	3
-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	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	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	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°	1	1	1	1	1	1	1	1	0	0	0
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	1	1	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°	3	3	3	3	3	3	3	3	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	4	4	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	3	3	3
52.5°	6	5	5	5	5	5	5	4	4	4	4
51.25°	7	7	6	6	6	6	6	6	5	5	5
50°	8	8	7	7	7	7	7	7	6	6	6
48.75°	9	9	9	9	8	8	8	8	7	7	7
47.5°	11	11	11	10	10	10	9	9	9	8	8
46.25°	14	13	13	12	12	11	11	11	10	10	9
45°	17	16	16	15	15	14	14	13	12	11	11
43.75°	21	20	19	19	18	17	16	16	15	14	13
42.5°	25	25	24	23	22	21	20	19	18	17	16
41.25°	32	31	30	28	27	26	24	23	22	20	19
40°	41	39	38	36	35	33	31	28	26	25	23
38.75°	51	49	47	45	43	41	38	36	33	30	27
37.5°	62	61	58	56	53	50	47	44	41	38	35
36.25°	77	74	71	67	64	61	58	54	50	46	42
35°	93	90	87	83	79	74	69	65	60	56	51



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	114	110	105	99	95	90	85	79	73	66	61
32.5°	139	134	129	123	116	108	100	94	87	80	73
31.25°	169	162	154	146	139	131	122	113	103	95	87
30°	204	197	188	179	168	156	145	135	124	113	101
28.75°	243	234	223	212	201	188	175	160	146	134	122
27.5°	289	278	265	251	237	221	206	191	175	157	142
26.25°	342	328	313	296	279	260	241	222	205	187	167
25°	400	384	367	348	327	305	282	259	237	215	196
23.75°	465	446	426	403	379	354	328	301	275	249	224
22.5°	535	514	490	465	436	407	377	347	316	286	257
21.25°	611	587	560	530	498	465	430	395	361	327	292
20°	692	665	634	600	564	527	487	448	408	370	332
18.75°	776	746	712	674	634	591	547	503	459	415	372
17.5°	862	830	792	751	706	659	610	560	511	462	415
16.25°	949	914	873	829	780	728	674	619	565	511	459
15°	1032	996	954	905	853	798	739	679	619	560	503
13.75°	1111	1073	1030	981	925	866	804	739	674	610	547
12.5°	1181	1145	1101	1051	994	932	866	798	728	659	591
11.25°	1242	1207	1165	1116	1058	994	925	853	780	706	634
10°	1295	1261	1220	1172	1116	1051	981	905	829	751	674
8.75°	1341	1307	1268	1220	1165	1101	1030	954	873	792	712
7.5°	1380	1347	1307	1261	1207	1145	1073	996	914	830	746
6.25°	1414	1380	1341	1295	1242	1181	1111	1032	949	862	776
5°	1443	1408	1368	1322	1270	1209	1140	1062	978	890	801
3.75°	1463	1429	1389	1343	1292	1232	1163	1085	1001	911	821
2.5°	1475	1445	1404	1359	1307	1248	1180	1103	1017	927	836
1.25°	1482	1454	1414	1368	1316	1257	1189	1113	1027	937	845
0°	1484	1457	1417	1371	1319	1260	1192	1116	1030	940	848
-1.25°	1482	1454	1414	1368	1316	1257	1189	1113	1027	937	845
-2.5°	1475	1445	1404	1359	1307	1248	1180	1103	1017	927	836
-3.75°	1463	1429	1389	1343	1292	1232	1163	1085	1001	911	821
-5°	1443	1408	1368	1322	1270	1209	1140	1062	978	890	801
-6.25°	1414	1380	1341	1295	1242	1181	1111	1032	949	862	776
-7.5°	1380	1347	1307	1261	1207	1145	1073	996	914	830	746
-8.75°	1341	1307	1268	1220	1165	1101	1030	954	873	792	712
-10°	1295	1261	1220	1172	1116	1051	981	905	829	751	674
-11.25°	1242	1207	1165	1116	1058	994	925	853	780	706	634
-12.5°	1181	1145	1101	1051	994	932	866	798	728	659	591
-13.75°	1111	1073	1030	981	925	866	804	739	674	610	547
-15°	1032	996	954	905	853	798	739	679	619	560	503
-16.25°	949	914	873	829	780	728	674	619	565	511	459
-17.5°	862	830	792	751	706	659	610	560	511	462	415
-18.75°	776	746	712	674	634	591	547	503	459	415	372
-20°	692	665	634	600	564	527	487	448	408	370	332
-21.25°	611	587	560	530	498	465	430	395	361	327	292



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	535	514	490	465	436	407	377	347	316	286	257
-23.75°	465	446	426	403	379	354	328	301	275	249	224
-25°	400	384	367	348	327	305	282	259	237	215	196
-26.25°	342	328	313	296	279	260	241	222	205	187	167
-27.5°	289	278	265	251	237	221	206	191	175	157	142
-28.75°	243	234	223	212	201	188	175	160	146	134	122
-30°	204	197	188	179	168	156	145	135	124	113	101
-31.25°	169	162	154	146	139	131	122	113	103	95	87
-32.5°	139	134	129	123	116	108	100	94	87	80	73
-33.75°	114	110	105	99	95	90	85	79	73	66	61
-35°	93	90	87	83	79	74	69	65	60	56	51
-36.25°	77	74	71	67	64	61	58	54	50	46	42
-37.5°	62	61	58	56	53	50	47	44	41	38	35
-38.75°	51	49	47	45	43	41	38	36	33	30	27
-40°	41	39	38	36	35	33	31	28	26	25	23
-41.25°	32	31	30	28	27	26	24	23	22	20	19
-42.5°	25	25	24	23	22	21	20	19	18	17	16
-43.75°	21	20	19	19	18	17	16	16	15	14	13
-45°	17	16	16	15	15	14	14	13	12	11	11
-46.25°	14	13	13	12	12	11	11	11	10	10	9
-47.5°	11	11	11	10	10	10	9	9	9	8	8
-48.75°	9	9	9	9	8	8	8	8	7	7	7
-50°	8	8	7	7	7	7	7	7	6	6	6
-51.25°	7	7	6	6	6	6	6	6	5	5	5
-52.5°	6	5	5	5	5	5	5	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	3	3	3
-55°	4	4	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	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	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	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	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°	1	1	1	1	1	0	0	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	0
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	1	1	1	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	1	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°	3	3	2	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	2	2	2
52.5°	4	3	3	3	3	3	3	3	3	3	2
51.25°	5	4	4	4	3	3	3	3	3	3	3
50°	5	5	5	5	4	4	4	3	3	3	3
48.75°	6	6	6	5	5	5	4	4	4	3	3
47.5°	7	7	7	6	6	6	5	5	4	4	4
46.25°	9	8	8	7	7	6	6	6	5	5	4
45°	10	10	9	8	8	7	7	6	6	6	5
43.75°	12	11	11	10	9	8	8	7	7	6	6
42.5°	15	14	13	11	11	10	9	8	8	7	7
41.25°	17	16	15	14	13	11	11	10	9	8	7
40°	21	19	17	16	15	14	12	11	10	9	8
38.75°	25	23	21	19	17	16	14	13	11	11	10
37.5°	31	28	25	23	21	19	17	15	14	12	11
36.25°	38	35	31	27	25	22	20	17	16	14	12
35°	46	42	38	34	30	26	23	21	18	16	14



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	56	51	45	40	36	31	27	24	21	18	16
32.5°	66	60	54	48	42	38	33	28	25	22	19
31.25°	79	71	63	57	51	44	39	34	28	25	22
30°	93	84	75	66	59	52	45	39	34	28	25
28.75°	109	97	88	78	68	60	53	45	39	34	28
27.5°	129	115	100	90	80	69	61	53	45	39	33
26.25°	148	134	119	103	91	80	69	60	52	44	38
25°	175	153	137	121	104	91	80	68	59	51	42
23.75°	202	179	156	138	121	103	90	78	66	57	48
22.5°	229	205	181	156	137	119	100	88	75	63	54
21.25°	261	231	205	179	153	134	115	97	84	71	60
20°	295	261	229	202	175	148	129	109	93	79	66
18.75°	332	292	257	224	196	167	142	122	101	87	73
17.5°	370	327	286	249	215	187	157	134	113	95	80
16.25°	408	361	316	275	237	205	175	146	124	103	87
15°	448	395	347	301	259	222	191	160	135	113	94
13.75°	487	430	377	328	282	241	206	175	145	122	100
12.5°	527	465	407	354	305	260	221	188	156	131	108
11.25°	564	498	436	379	327	279	237	201	168	139	116
10°	600	530	465	403	348	296	251	212	179	146	123
8.75°	634	560	490	426	367	313	265	223	188	154	129
7.5°	665	587	514	446	384	328	278	234	197	162	134
6.25°	692	611	535	465	400	342	289	243	204	169	139
5°	715	631	552	480	413	353	298	250	210	175	143
3.75°	733	647	567	492	424	362	306	257	215	179	146
2.5°	746	659	577	501	431	368	312	261	218	183	148
1.25°	754	666	583	507	436	372	315	264	220	184	149
0°	756	669	586	509	437	374	316	265	221	185	149
-1.25°	754	666	583	507	436	372	315	264	220	184	149
-2.5°	746	659	577	501	431	368	312	261	218	183	148
-3.75°	733	647	567	492	424	362	306	257	215	179	146
-5°	715	631	552	480	413	353	298	250	210	175	143
-6.25°	692	611	535	465	400	342	289	243	204	169	139
-7.5°	665	587	514	446	384	328	278	234	197	162	134
-8.75°	634	560	490	426	367	313	265	223	188	154	129
-10°	600	530	465	403	348	296	251	212	179	146	123
-11.25°	564	498	436	379	327	279	237	201	168	139	116
-12.5°	527	465	407	354	305	260	221	188	156	131	108
-13.75°	487	430	377	328	282	241	206	175	145	122	100
-15°	448	395	347	301	259	222	191	160	135	113	94
-16.25°	408	361	316	275	237	205	175	146	124	103	87
-17.5°	370	327	286	249	215	187	157	134	113	95	80
-18.75°	332	292	257	224	196	167	142	122	101	87	73
-20°	295	261	229	202	175	148	129	109	93	79	66
-21.25°	261	231	205	179	153	134	115	97	84	71	60





REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	229	205	181	156	137	119	100	88	75	63	54
-23.75°	202	179	156	138	121	103	90	78	66	57	48
-25°	175	153	137	121	104	91	80	68	59	51	42
-26.25°	148	134	119	103	91	80	69	60	52	44	38
-27.5°	129	115	100	90	80	69	61	53	45	39	33
-28.75°	109	97	88	78	68	60	53	45	39	34	28
-30°	93	84	75	66	59	52	45	39	34	28	25
-31.25°	79	71	63	57	51	44	39	34	28	25	22
-32.5°	66	60	54	48	42	38	33	28	25	22	19
-33.75°	56	51	45	40	36	31	27	24	21	18	16
-35°	46	42	38	34	30	26	23	21	18	16	14
-36.25°	38	35	31	27	25	22	20	17	16	14	12
-37.5°	31	28	25	23	21	19	17	15	14	12	11
-38.75°	25	23	21	19	17	16	14	13	11	11	10
-40°	21	19	17	16	15	14	12	11	10	9	8
-41.25°	17	16	15	14	13	11	11	10	9	8	7
-42.5°	15	14	13	11	11	10	9	8	8	7	7
-43.75°	12	11	11	10	9	8	8	7	7	6	6
-45°	10	10	9	8	8	7	7	6	6	6	5
-46.25°	9	8	8	7	7	6	6	6	5	5	4
-47.5°	7	7	7	6	6	6	5	5	4	4	4
-48.75°	6	6	6	5	5	5	4	4	4	3	3
-50°	5	5	5	5	4	4	4	3	3	3	3
-51.25°	5	4	4	4	3	3	3	3	3	3	3
-52.5°	4	3	3	3	3	3	3	3	3	3	2
-53.75°	3	3	3	3	3	3	3	3	2	2	2
-55°	3	3	3	3	3	2	2	2	2	2	2
-56.25°	3	3	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	1	1
-61.25°	2	2	2	2	2	2	1	1	1	1	1
-62.5°	2	2	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	0
-71.25°	1	1	1	1	1	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	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°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	2	1	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	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	2	1	1	1	1
53.75°	2	2	2	2	2	2	2	2	1	1	1
52.5°	2	2	2	2	2	2	2	2	2	2	1
51.25°	3	2	2	2	2	2	2	2	2	2	2
50°	3	3	3	2	2	2	2	2	2	2	2
48.75°	3	3	3	3	2	2	2	2	2	2	2
47.5°	3	3	3	3	3	3	2	2	2	2	2
46.25°	4	3	3	3	3	3	3	2	2	2	2
45°	4	4	4	3	3	3	3	3	2	2	2
43.75°	5	5	4	4	3	3	3	3	3	2	2
42.5°	6	5	5	4	4	3	3	3	3	3	2
41.25°	7	6	6	5	4	4	3	3	3	3	3
40°	8	7	6	6	5	4	4	3	3	3	3
38.75°	9	8	7	6	6	5	4	4	3	3	3
37.5°	10	9	8	7	6	6	5	4	4	3	3
36.25°	11	10	9	8	7	6	6	5	4	4	3
35°	12	11	10	9	8	7	6	5	5	4	3



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	14	12	11	10	9	8	7	6	5	4	4
32.5°	16	14	12	11	10	8	7	7	6	5	4
31.25°	18	16	14	12	11	9	8	7	6	6	5
30°	21	18	16	14	11	10	9	8	7	6	5
28.75°	24	21	17	15	13	11	10	8	7	6	6
27.5°	27	23	20	17	14	12	11	9	8	7	6
26.25°	31	26	22	19	16	14	11	10	8	7	6
25°	36	30	25	21	17	15	13	11	9	8	7
23.75°	40	34	27	23	19	16	14	11	10	8	7
22.5°	45	38	31	25	21	17	15	13	11	9	8
21.25°	51	42	35	28	23	19	16	14	11	10	8
20°	56	46	38	31	25	21	17	15	12	10	9
18.75°	61	51	42	35	27	23	19	16	13	11	9
17.5°	66	56	46	38	30	25	20	17	14	11	10
16.25°	73	60	50	41	33	26	22	18	15	12	10
15°	79	65	54	44	36	28	23	19	16	13	11
13.75°	85	69	58	47	38	31	24	20	16	14	11
12.5°	90	74	61	50	41	33	26	21	17	14	11
11.25°	95	79	64	53	43	35	27	22	18	15	12
10°	99	83	67	56	45	36	28	23	19	15	12
8.75°	105	87	71	58	47	38	30	24	19	16	13
7.5°	110	90	74	61	49	39	31	25	20	16	13
6.25°	114	93	77	62	51	41	32	25	21	17	14
5°	118	95	79	64	52	42	33	26	21	17	14
3.75°	121	97	81	65	53	42	34	26	22	17	14
2.5°	123	99	82	66	54	43	35	26	22	17	14
1.25°	124	99	83	66	55	43	35	27	22	17	14
0°	125	100	83	66	55	43	35	27	22	17	14
-1.25°	124	99	83	66	55	43	35	27	22	17	14
-2.5°	123	99	82	66	54	43	35	26	22	17	14
-3.75°	121	97	81	65	53	42	34	26	22	17	14
-5°	118	95	79	64	52	42	33	26	21	17	14
-6.25°	114	93	77	62	51	41	32	25	21	17	14
-7.5°	110	90	74	61	49	39	31	25	20	16	13
-8.75°	105	87	71	58	47	38	30	24	19	16	13
-10°	99	83	67	56	45	36	28	23	19	15	12
-11.25°	95	79	64	53	43	35	27	22	18	15	12
-12.5°	90	74	61	50	41	33	26	21	17	14	11
-13.75°	85	69	58	47	38	31	24	20	16	14	11
-15°	79	65	54	44	36	28	23	19	16	13	11
-16.25°	73	60	50	41	33	26	22	18	15	12	10
-17.5°	66	56	46	38	30	25	20	17	14	11	10
-18.75°	61	51	42	35	27	23	19	16	13	11	9
-20°	56	46	38	31	25	21	17	15	12	10	9
-21.25°	51	42	35	28	23	19	16	14	11	10	8



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	45	38	31	25	21	17	15	13	11	9	8
-23.75°	40	34	27	23	19	16	14	11	10	8	7
-25°	36	30	25	21	17	15	13	11	9	8	7
-26.25°	31	26	22	19	16	14	11	10	8	7	6
-27.5°	27	23	20	17	14	12	11	9	8	7	6
-28.75°	24	21	17	15	13	11	10	8	7	6	6
-30°	21	18	16	14	11	10	9	8	7	6	5
-31.25°	18	16	14	12	11	9	8	7	6	6	5
-32.5°	16	14	12	11	10	8	7	7	6	5	4
-33.75°	14	12	11	10	9	8	7	6	5	4	4
-35°	12	11	10	9	8	7	6	5	5	4	3
-36.25°	11	10	9	8	7	6	6	5	4	4	3
-37.5°	10	9	8	7	6	6	5	4	4	3	3
-38.75°	9	8	7	6	6	5	4	4	3	3	3
-40°	8	7	6	6	5	4	4	3	3	3	3
-41.25°	7	6	6	5	4	4	3	3	3	3	3
-42.5°	6	5	5	4	4	3	3	3	3	3	2
-43.75°	5	5	4	4	3	3	3	3	3	2	2
-45°	4	4	4	3	3	3	3	3	2	2	2
-46.25°	4	3	3	3	3	3	3	2	2	2	2
-47.5°	3	3	3	3	3	3	2	2	2	2	2
-48.75°	3	3	3	3	2	2	2	2	2	2	2
-50°	3	3	3	2	2	2	2	2	2	2	2
-51.25°	3	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-58.75°	2	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	0	0	0	0	0
-68.75°	1	1	1	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	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	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	1	0	0	0
56.25°	1	1	1	1	1	1	1	1	1	0	0
55°	1	1	1	1	1	1	1	1	1	1	0
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°	2	1	1	1	1	1	1	1	1	1	1
48.75°	2	2	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	1	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	1	1	1	1	1	1
42.5°	2	2	2	2	2	2	1	1	1	1	1
41.25°	2	2	2	2	2	2	2	1	1	1	1
40°	3	2	2	2	2	2	2	1	1	1	1
38.75°	3	2	2	2	2	2	2	2	1	1	1
37.5°	3	3	2	2	2	2	2	2	1	1	1
36.25°	3	3	3	2	2	2	2	2	2	1	1
35°	3	3	3	2	2	2	2	2	2	1	1



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	3	3	3	3	2	2	2	2	2	2	1
32.5°	4	3	3	3	2	2	2	2	2	2	1
31.25°	4	3	3	3	3	2	2	2	2	2	1
30°	4	4	3	3	3	2	2	2	2	2	2
28.75°	5	4	3	3	3	3	2	2	2	2	2
27.5°	5	4	4	3	3	3	2	2	2	2	2
26.25°	6	5	4	3	3	3	2	2	2	2	2
25°	6	5	4	3	3	3	3	2	2	2	2
23.75°	6	5	5	4	3	3	3	2	2	2	2
22.5°	7	6	5	4	3	3	3	2	2	2	2
21.25°	7	6	5	4	3	3	3	3	2	2	2
20°	7	6	5	5	4	3	3	3	2	2	2
18.75°	8	7	6	5	4	3	3	3	2	2	2
17.5°	8	7	6	5	4	3	3	3	2	2	2
16.25°	9	7	6	5	4	3	3	3	2	2	2
15°	9	8	7	6	4	4	3	3	3	2	2
13.75°	9	8	7	6	5	4	3	3	3	2	2
12.5°	10	8	7	6	5	4	3	3	3	2	2
11.25°	10	8	7	6	5	4	3	3	3	2	2
10°	10	9	7	6	5	4	3	3	3	2	2
8.75°	11	9	7	6	5	4	3	3	3	2	2
7.5°	11	9	8	7	5	4	4	3	3	2	2
6.25°	11	9	8	7	6	4	4	3	3	2	2
5°	11	9	8	7	6	5	4	3	3	3	2
3.75°	11	10	8	7	6	5	4	3	3	3	2
2.5°	11	10	8	7	6	5	4	3	3	3	2
1.25°	11	10	8	7	6	5	4	3	3	3	2
0°	12	10	8	7	6	5	4	3	3	3	2
-1.25°	11	10	8	7	6	5	4	3	3	3	2
-2.5°	11	10	8	7	6	5	4	3	3	3	2
-3.75°	11	10	8	7	6	5	4	3	3	3	2
-5°	11	9	8	7	6	5	4	3	3	3	2
-6.25°	11	9	8	7	6	4	4	3	3	2	2
-7.5°	11	9	8	7	5	4	4	3	3	2	2
-8.75°	11	9	7	6	5	4	3	3	3	2	2
-10°	10	9	7	6	5	4	3	3	3	2	2
-11.25°	10	8	7	6	5	4	3	3	3	2	2
-12.5°	10	8	7	6	5	4	3	3	3	2	2
-13.75°	9	8	7	6	5	4	3	3	3	2	2
-15°	9	8	7	6	4	4	3	3	3	2	2
-16.25°	9	7	6	5	4	3	3	3	2	2	2
-17.5°	8	7	6	5	4	3	3	3	2	2	2
-18.75°	8	7	6	5	4	3	3	3	2	2	2
-20°	7	6	5	5	4	3	3	3	2	2	2
-21.25°	7	6	5	4	3	3	3	3	2	2	2





REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	7	6	5	4	3	3	3	2	2	2	2
-23.75°	6	5	5	4	3	3	3	2	2	2	2
-25°	6	5	4	3	3	3	3	2	2	2	2
-26.25°	6	5	4	3	3	3	2	2	2	2	2
-27.5°	5	4	4	3	3	3	2	2	2	2	2
-28.75°	5	4	3	3	3	3	2	2	2	2	2
-30°	4	4	3	3	3	2	2	2	2	2	2
-31.25°	4	3	3	3	3	2	2	2	2	2	1
-32.5°	4	3	3	3	2	2	2	2	2	2	1
-33.75°	3	3	3	3	2	2	2	2	2	2	1
-35°	3	3	3	2	2	2	2	2	2	1	1
-36.25°	3	3	3	2	2	2	2	2	2	1	1
-37.5°	3	3	2	2	2	2	2	2	1	1	1
-38.75°	3	2	2	2	2	2	2	2	1	1	1
-40°	3	2	2	2	2	2	2	1	1	1	1
-41.25°	2	2	2	2	2	2	2	1	1	1	1
-42.5°	2	2	2	2	2	2	1	1	1	1	1
-43.75°	2	2	2	2	2	1	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	1	1	1	1	1	1	1	1
-48.75°	2	2	1	1	1	1	1	1	1	1	1
-50°	2	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	0
-56.25°	1	1	1	1	1	1	1	1	1	0	0
-57.5°	1	1	1	1	1	1	1	1	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	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°	1	0	0	0	0	0	0	0	0	0	0
51.25°	1	1	0	0	0	0	0	0	0	0	0
50°	1	1	0	0	0	0	0	0	0	0	0
48.75°	1	1	1	0	0	0	0	0	0	0	0
47.5°	1	1	1	0	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	1	1	1	1	0	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	0	0	0	0	0	0
41.25°	1	1	1	1	1	0	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	1	0	0	0	0
35°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	0	0	0	0
32.5°	1	1	1	1	1	1	1	0	0	0	0
31.25°	1	1	1	1	1	1	1	1	0	0	0
30°	1	1	1	1	1	1	1	1	0	0	0
28.75°	1	1	1	1	1	1	1	1	0	0	0
27.5°	1	1	1	1	1	1	1	1	0	0	0
26.25°	2	1	1	1	1	1	1	1	0	0	0
25°	2	1	1	1	1	1	1	1	1	0	0
23.75°	2	1	1	1	1	1	1	1	1	0	0
22.5°	2	1	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	1	0
13.75°	2	2	2	1	1	1	1	1	1	1	0
12.5°	2	2	2	1	1	1	1	1	1	1	0
11.25°	2	2	2	1	1	1	1	1	1	1	0
10°	2	2	2	1	1	1	1	1	1	1	0
8.75°	2	2	2	1	1	1	1	1	1	1	0
7.5°	2	2	2	1	1	1	1	1	1	1	0
6.25°	2	2	2	1	1	1	1	1	1	1	0
5°	2	2	2	1	1	1	1	1	1	1	0
3.75°	2	2	2	1	1	1	1	1	1	1	0
2.5°	2	2	2	1	1	1	1	1	1	1	0
1.25°	2	2	2	1	1	1	1	1	1	1	0
0°	2	2	2	1	1	1	1	1	1	1	0
-1.25°	2	2	2	1	1	1	1	1	1	1	0
-2.5°	2	2	2	1	1	1	1	1	1	1	0
-3.75°	2	2	2	1	1	1	1	1	1	1	0
-5°	2	2	2	1	1	1	1	1	1	1	0
-6.25°	2	2	2	1	1	1	1	1	1	1	0
-7.5°	2	2	2	1	1	1	1	1	1	1	0
-8.75°	2	2	2	1	1	1	1	1	1	1	0
-10°	2	2	2	1	1	1	1	1	1	1	0
-11.25°	2	2	2	1	1	1	1	1	1	1	0
-12.5°	2	2	2	1	1	1	1	1	1	1	0
-13.75°	2	2	2	1	1	1	1	1	1	1	0
-15°	2	2	1	1	1	1	1	1	1	1	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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	1	1	1	1	1	1	1	1	0	0
-23.75°	2	1	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	0	0	0
-27.5°	1	1	1	1	1	1	1	1	0	0	0
-28.75°	1	1	1	1	1	1	1	1	0	0	0
-30°	1	1	1	1	1	1	1	1	0	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	0	0	0	0
-33.75°	1	1	1	1	1	1	1	0	0	0	0
-35°	1	1	1	1	1	1	1	0	0	0	0
-36.25°	1	1	1	1	1	1	1	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	0	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	0	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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: P220421 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-F-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)