

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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

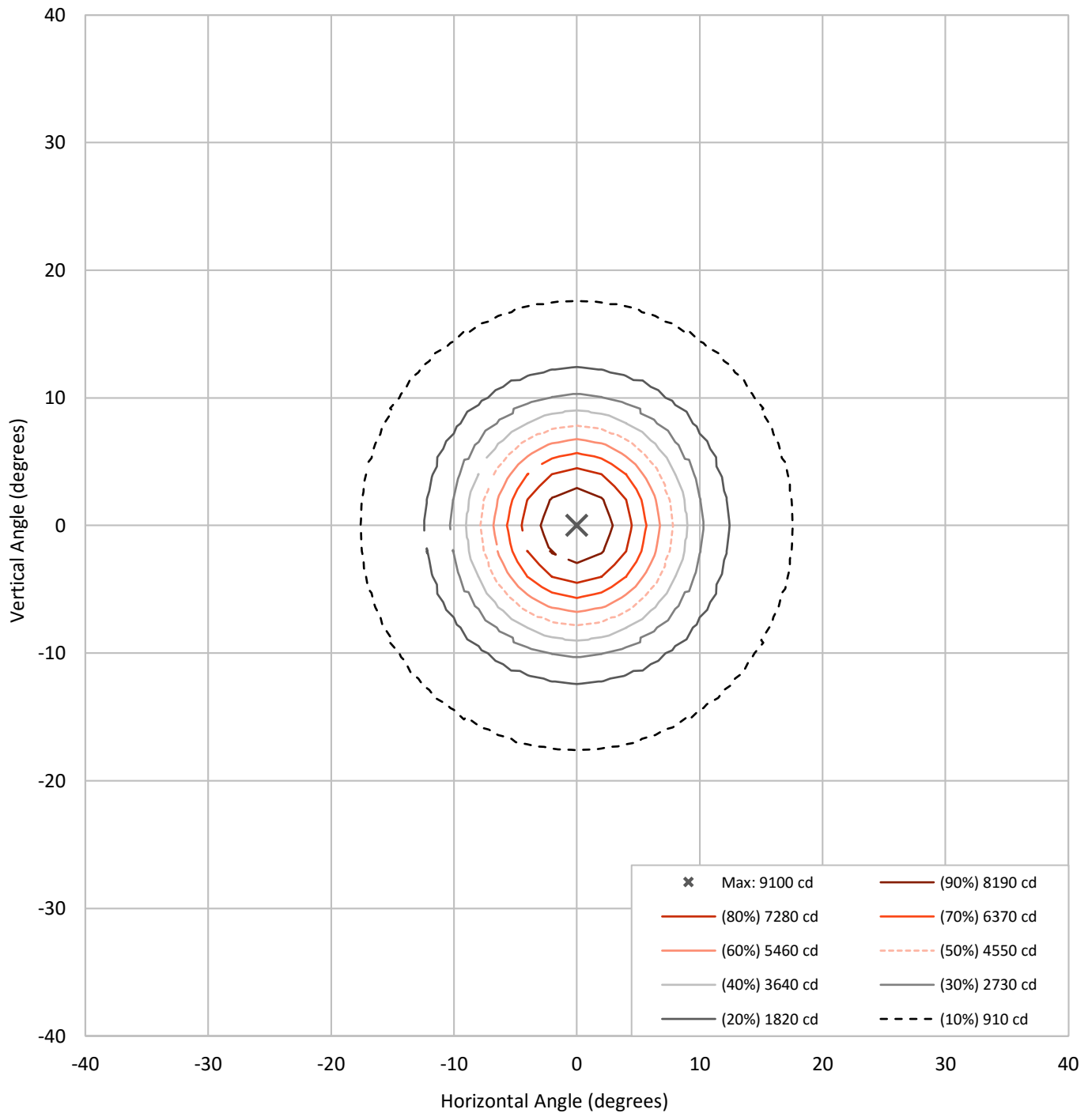
Test Method: LM-79-08  
Report Number: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29472)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED 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:	1060.1 lumens	Max Intensity:	9100 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	52.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.7°H x 15.7°V	Field Angle (10%):	35°H x 35°V
Beam Lumens:	377.9 lumens	Field Lumens:	812.1 lumens
Beam Efficiency:	35.6%	Field Efficiency:	76.6%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

### Iso-Candela Plot





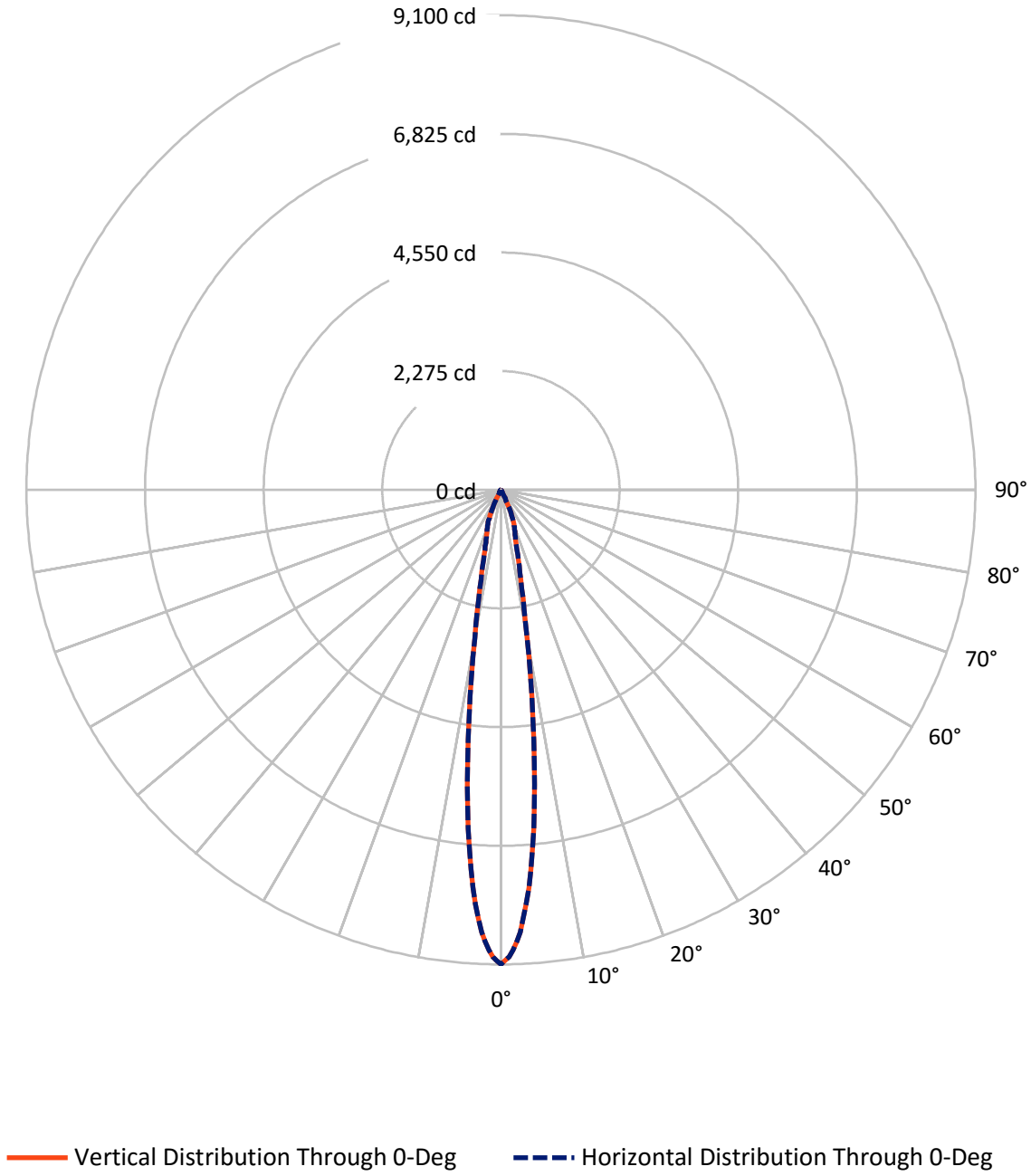
REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

### 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	
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	
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.0	0.1	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	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	
40		0.0	0.1	0.1	0.2	0.2	0.4	0.6	0.6	0.4	0.2	0.2	0.1	0.1		0.0
30	0.0	0.0	0.1	0.1	0.2	0.5	3.3	9.3	9.3	3.3	0.5	0.2	0.1	0.1	0.0	0.0
20		0.0	0.1	0.1	0.3	3.1	19.1	36.3	36.3	19.1	3.1	0.3	0.1	0.1	0.0	
10	0.0	0.0	0.1	0.2	0.5	8.6	35.3	144.8	144.8	35.3	8.6	0.5	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	0.5	8.6	35.3	144.8	144.8	35.3	8.6	0.5	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.3	3.1	19.1	36.3	36.3	19.1	3.1	0.3	0.1	0.1	0.0	0.0
-20		0.0	0.1	0.1	0.2	0.5	3.3	9.3	9.3	3.3	0.5	0.2	0.1	0.1	0.0	
-30	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.6	0.6	0.4	0.2	0.2	0.1	0.1	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	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	0.1	0.0	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
-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	
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

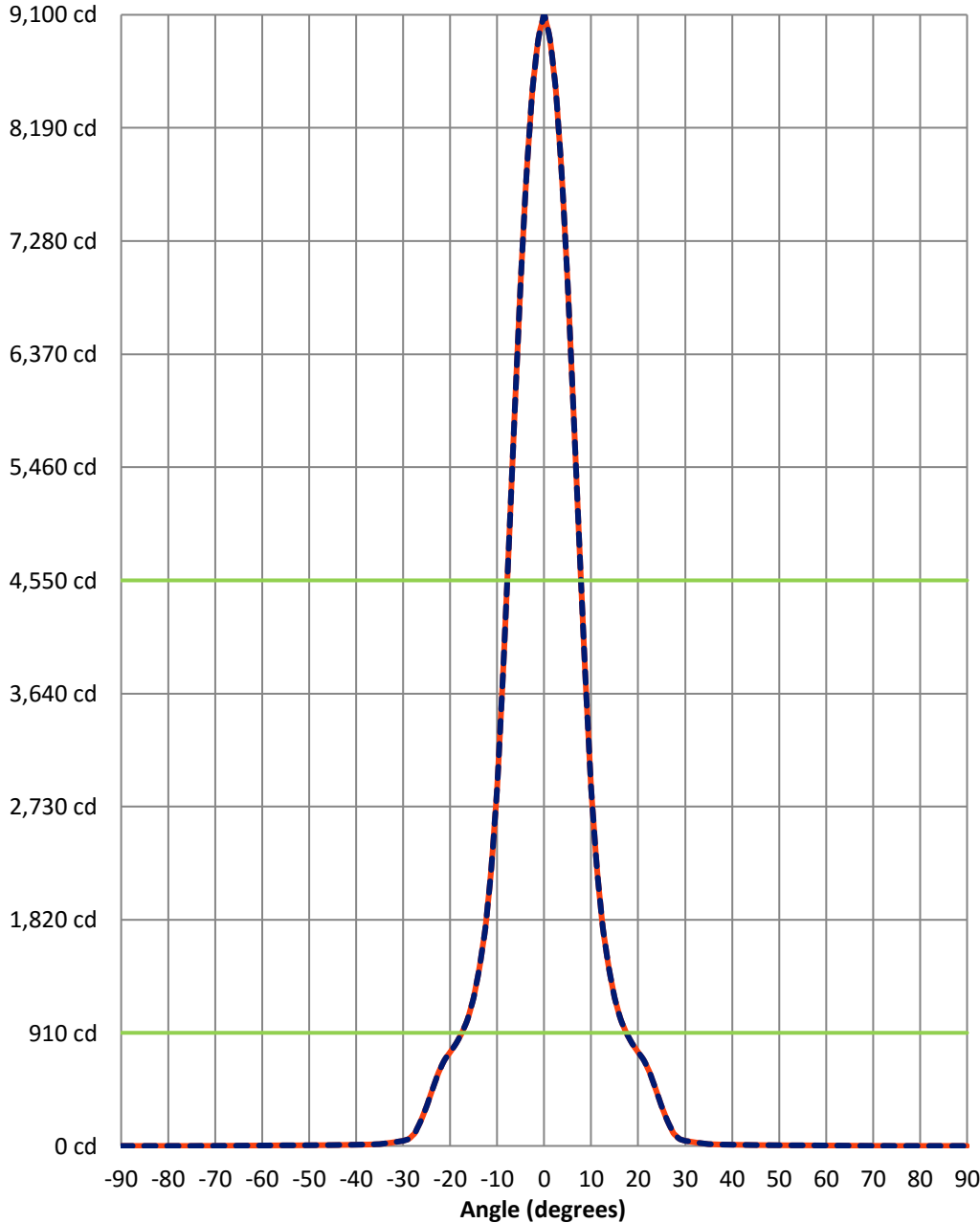
REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 15.7°  
 V Angle: 15.7°  
 Lumens: 377.9  
 Efficiency: 35.6%

**Field:**  
 H Angle: 35°  
 V Angle: 35°  
 Lumens: 812.1  
 Efficiency: 76.6%

**Spill:**  
 Lumens: 248.1  
 Efficiency: 23.4%

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



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	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	2
26.25°	0	0	0	0	0	1	1	1	1	1	2
25°	0	0	0	0	1	1	1	1	1	1	2
23.75°	0	0	0	0	1	1	1	1	1	1	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	1	2	2
18.75°	0	0	0	0	1	1	1	1	1	2	2
17.5°	0	0	0	0	1	1	1	1	1	2	2
16.25°	0	0	0	0	1	1	1	1	1	2	2
15°	0	0	0	1	1	1	1	1	2	2	2
13.75°	0	0	0	1	1	1	1	1	2	2	2
12.5°	0	0	0	1	1	1	1	1	2	2	2
11.25°	0	0	0	1	1	1	1	1	2	2	2
10°	0	0	0	1	1	1	1	1	2	2	2
8.75°	0	0	0	1	1	1	1	1	2	2	2
7.5°	0	0	0	1	1	1	1	1	2	2	2
6.25°	0	0	0	1	1	1	1	1	2	2	2
5°	0	0	0	1	1	1	1	1	2	2	2
3.75°	0	0	0	1	1	1	1	1	2	2	2
2.5°	0	0	0	1	1	1	1	1	2	2	2
1.25°	0	0	0	1	1	1	1	1	2	2	2
0°	0	0	0	1	1	1	1	1	2	2	2
-1.25°	0	0	0	1	1	1	1	1	2	2	2
-2.5°	0	0	0	1	1	1	1	1	2	2	2
-3.75°	0	0	0	1	1	1	1	1	2	2	2
-5°	0	0	0	1	1	1	1	1	2	2	2
-6.25°	0	0	0	1	1	1	1	1	2	2	2
-7.5°	0	0	0	1	1	1	1	1	2	2	2
-8.75°	0	0	0	1	1	1	1	1	2	2	2
-10°	0	0	0	1	1	1	1	1	2	2	2
-11.25°	0	0	0	1	1	1	1	1	2	2	2
-12.5°	0	0	0	1	1	1	1	1	2	2	2
-13.75°	0	0	0	1	1	1	1	1	2	2	2
-15°	0	0	0	1	1	1	1	1	2	2	2
-16.25°	0	0	0	0	1	1	1	1	1	2	2
-17.5°	0	0	0	0	1	1	1	1	1	2	2
-18.75°	0	0	0	0	1	1	1	1	1	2	2
-20°	0	0	0	0	1	1	1	1	1	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	1	1	1	1	1	2	2
-23.75°	0	0	0	0	1	1	1	1	1	1	2
-25°	0	0	0	0	1	1	1	1	1	1	2
-26.25°	0	0	0	0	0	1	1	1	1	1	2
-27.5°	0	0	0	0	0	1	1	1	1	1	2
-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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	1	1	2	2	2	2
47.5°	1	1	1	1	1	1	1	2	2	2	2
46.25°	1	1	1	1	1	1	2	2	2	2	2
45°	1	1	1	1	1	2	2	2	2	2	3
43.75°	1	1	1	1	1	2	2	2	2	3	3
42.5°	1	1	1	1	2	2	2	2	3	3	3
41.25°	1	1	1	2	2	2	2	2	3	3	3
40°	1	1	1	2	2	2	2	3	3	3	3
38.75°	1	1	2	2	2	2	3	3	3	3	4
37.5°	1	1	2	2	2	2	3	3	3	3	4
36.25°	1	1	2	2	2	3	3	3	3	4	4
35°	1	2	2	2	2	3	3	3	3	4	4



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	1	2	2	2	3	3	3	3	4	4	4
32.5°	2	2	2	2	3	3	3	3	4	4	4
31.25°	2	2	2	2	3	3	3	4	4	4	4
30°	2	2	2	3	3	3	3	4	4	4	5
28.75°	2	2	2	3	3	3	4	4	4	4	5
27.5°	2	2	2	3	3	3	4	4	4	5	5
26.25°	2	2	3	3	3	3	4	4	4	5	5
25°	2	2	3	3	3	4	4	4	4	5	5
23.75°	2	2	3	3	3	4	4	4	5	5	5
22.5°	2	2	3	3	3	4	4	4	5	5	5
21.25°	2	3	3	3	4	4	4	4	5	5	5
20°	2	3	3	3	4	4	4	5	5	5	5
18.75°	2	3	3	3	4	4	4	5	5	5	5
17.5°	2	3	3	3	4	4	4	5	5	5	5
16.25°	2	3	3	3	4	4	4	5	5	5	5
15°	3	3	3	4	4	4	5	5	5	5	5
13.75°	3	3	3	4	4	4	5	5	5	5	5
12.5°	3	3	3	4	4	4	5	5	5	5	5
11.25°	3	3	3	4	4	4	5	5	5	5	5
10°	3	3	3	4	4	4	5	5	5	5	5
8.75°	3	3	3	4	4	4	5	5	5	5	5
7.5°	3	3	3	4	4	4	5	5	5	5	5
6.25°	3	3	3	4	4	4	5	5	5	5	6
5°	3	3	3	4	4	5	5	5	5	5	6
3.75°	3	3	3	4	4	5	5	5	5	5	6
2.5°	3	3	3	4	4	5	5	5	5	5	6
1.25°	3	3	3	4	4	5	5	5	5	5	6
0°	3	3	4	4	4	5	5	5	5	5	6
-1.25°	3	3	3	4	4	5	5	5	5	5	6
-2.5°	3	3	3	4	4	5	5	5	5	5	6
-3.75°	3	3	3	4	4	5	5	5	5	5	6
-5°	3	3	3	4	4	5	5	5	5	5	6
-6.25°	3	3	3	4	4	4	5	5	5	5	6
-7.5°	3	3	3	4	4	4	5	5	5	5	5
-8.75°	3	3	3	4	4	4	5	5	5	5	5
-10°	3	3	3	4	4	4	5	5	5	5	5
-11.25°	3	3	3	4	4	4	5	5	5	5	5
-12.5°	3	3	3	4	4	4	5	5	5	5	5
-13.75°	3	3	3	4	4	4	5	5	5	5	5
-15°	3	3	3	4	4	4	5	5	5	5	5
-16.25°	2	3	3	3	4	4	4	5	5	5	5
-17.5°	2	3	3	3	4	4	4	5	5	5	5
-18.75°	2	3	3	3	4	4	4	5	5	5	5
-20°	2	3	3	3	4	4	4	5	5	5	5
-21.25°	2	3	3	3	4	4	4	4	5	5	5





REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	2	2	3	3	3	4	4	4	5	5	5
-23.75°	2	2	3	3	3	4	4	4	5	5	5
-25°	2	2	3	3	3	4	4	4	4	5	5
-26.25°	2	2	3	3	3	3	4	4	4	5	5
-27.5°	2	2	2	3	3	3	4	4	4	5	5
-28.75°	2	2	2	3	3	3	4	4	4	4	5
-30°	2	2	2	3	3	3	3	4	4	4	5
-31.25°	2	2	2	2	3	3	3	4	4	4	4
-32.5°	2	2	2	2	3	3	3	3	4	4	4
-33.75°	1	2	2	2	3	3	3	3	4	4	4
-35°	1	2	2	2	2	3	3	3	3	4	4
-36.25°	1	1	2	2	2	3	3	3	3	4	4
-37.5°	1	1	2	2	2	2	3	3	3	3	4
-38.75°	1	1	2	2	2	2	3	3	3	3	4
-40°	1	1	1	2	2	2	2	3	3	3	3
-41.25°	1	1	1	2	2	2	2	2	3	3	3
-42.5°	1	1	1	1	2	2	2	2	3	3	3
-43.75°	1	1	1	1	1	2	2	2	2	3	3
-45°	1	1	1	1	1	2	2	2	2	2	3
-46.25°	1	1	1	1	1	1	2	2	2	2	2
-47.5°	1	1	1	1	1	1	1	2	2	2	2
-48.75°	1	1	1	1	1	1	1	2	2	2	2
-50°	1	1	1	1	1	1	1	1	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	0	1	1	1	1	1	1	1	1	1	2
-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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	2	2	2
58.75°	1	1	1	1	1	1	2	2	2	2	2
57.5°	1	1	1	1	1	2	2	2	2	2	2
56.25°	1	1	1	2	2	2	2	2	2	2	3
55°	1	1	2	2	2	2	2	2	3	3	3
53.75°	2	2	2	2	2	2	2	3	3	3	3
52.5°	2	2	2	2	2	3	3	3	3	3	3
51.25°	2	2	2	2	3	3	3	3	3	3	4
50°	2	2	2	3	3	3	3	3	4	4	4
48.75°	2	3	3	3	3	3	3	4	4	4	4
47.5°	3	3	3	3	3	3	4	4	4	4	4
46.25°	3	3	3	3	3	4	4	4	4	4	5
45°	3	3	3	4	4	4	4	4	4	5	5
43.75°	3	3	3	4	4	4	4	5	5	5	5
42.5°	3	3	4	4	4	4	5	5	5	5	5
41.25°	3	4	4	4	4	5	5	5	5	5	5
40°	4	4	4	4	5	5	5	5	5	5	5
38.75°	4	4	4	4	5	5	5	5	5	5	5
37.5°	4	4	4	5	5	5	5	5	5	5	6
36.25°	4	4	5	5	5	5	5	5	5	6	6
35°	4	5	5	5	5	5	5	5	6	6	6



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	5	5	6	6	6	6	7	7	8	8	9
-23.75°	5	5	5	6	6	6	7	7	7	8	8
-25°	5	5	5	6	6	6	6	7	7	8	8
-26.25°	5	5	5	5	6	6	6	7	7	7	8
-27.5°	5	5	5	5	6	6	6	6	7	7	7
-28.75°	5	5	5	5	5	6	6	6	6	7	7
-30°	5	5	5	5	5	6	6	6	6	7	7
-31.25°	5	5	5	5	5	5	6	6	6	6	7
-32.5°	5	5	5	5	5	5	5	6	6	6	6
-33.75°	4	5	5	5	5	5	5	5	6	6	6
-35°	4	5	5	5	5	5	5	5	6	6	6
-36.25°	4	4	5	5	5	5	5	5	5	6	6
-37.5°	4	4	4	5	5	5	5	5	5	5	6
-38.75°	4	4	4	4	5	5	5	5	5	5	5
-40°	4	4	4	4	5	5	5	5	5	5	5
-41.25°	3	4	4	4	4	5	5	5	5	5	5
-42.5°	3	3	4	4	4	4	5	5	5	5	5
-43.75°	3	3	3	4	4	4	4	5	5	5	5
-45°	3	3	3	4	4	4	4	4	4	5	5
-46.25°	3	3	3	3	3	4	4	4	4	4	5
-47.5°	3	3	3	3	3	3	4	4	4	4	4
-48.75°	2	3	3	3	3	3	3	4	4	4	4
-50°	2	2	2	3	3	3	3	3	4	4	4
-51.25°	2	2	2	2	3	3	3	3	3	3	4
-52.5°	2	2	2	2	2	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	3	3	3	3
-55°	1	1	2	2	2	2	2	2	3	3	3
-56.25°	1	1	1	2	2	2	2	2	2	2	3
-57.5°	1	1	1	1	1	2	2	2	2	2	2
-58.75°	1	1	1	1	1	1	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	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	3	3	3	3
58.75°	2	2	2	2	3	3	3	3	3	3	3
57.5°	2	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	4	4	4
55°	3	3	3	3	3	4	4	4	4	4	4
53.75°	3	3	3	4	4	4	4	4	4	4	4
52.5°	3	4	4	4	4	4	4	4	4	5	5
51.25°	4	4	4	4	4	4	5	5	5	5	5
50°	4	4	4	4	5	5	5	5	5	5	5
48.75°	4	4	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	6
45°	5	5	5	5	5	5	5	5	6	6	6
43.75°	5	5	5	5	5	5	6	6	6	6	6
42.5°	5	5	5	5	6	6	6	6	6	6	6
41.25°	5	5	5	6	6	6	6	6	6	7	7
40°	5	5	6	6	6	6	6	7	7	7	7
38.75°	6	6	6	6	6	6	7	7	7	7	8
37.5°	6	6	6	6	7	7	7	7	8	8	8
36.25°	6	6	6	7	7	7	7	8	8	8	9
35°	6	6	7	7	7	8	8	8	9	9	9



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	6	7	7	7	8	8	8	9	9	10	10
32.5°	7	7	7	8	8	9	9	9	10	10	10
31.25°	7	7	8	8	9	9	9	10	10	11	11
30°	7	8	8	9	9	9	10	10	11	11	12
28.75°	8	8	9	9	9	10	10	11	11	12	13
27.5°	8	8	9	9	10	10	11	11	13	14	15
26.25°	8	9	9	10	10	11	11	13	14	16	19
25°	9	9	10	10	11	11	13	14	16	20	24
23.75°	9	10	10	11	11	12	14	16	20	24	28
22.5°	9	10	10	11	12	13	15	19	24	28	33
21.25°	10	10	11	12	13	14	18	23	27	33	38
20°	10	11	11	13	14	17	22	26	32	37	43
18.75°	10	11	12	13	15	20	25	30	36	42	50
17.5°	11	11	13	14	18	23	28	34	40	48	69
16.25°	11	12	13	15	21	26	32	38	45	62	103
15°	11	13	14	18	23	29	35	42	52	83	149
13.75°	12	13	15	20	25	32	38	46	66	119	206
12.5°	12	14	17	22	28	35	41	52	88	162	262
11.25°	13	14	19	24	30	37	45	64	117	209	317
10°	13	15	20	26	33	40	49	76	150	255	372
8.75°	13	16	22	28	35	42	56	99	187	297	422
7.5°	14	17	23	29	36	44	64	120	219	336	467
6.25°	14	18	24	31	38	47	70	139	249	372	505
5°	14	19	25	32	39	48	79	161	274	402	537
3.75°	14	20	26	33	40	50	90	178	293	426	559
2.5°	15	20	26	33	41	53	97	190	308	443	575
1.25°	15	21	26	34	41	55	102	197	316	453	585
0°	15	21	27	34	41	56	104	200	319	456	588
-1.25°	15	21	26	34	41	55	102	197	316	453	585
-2.5°	15	20	26	33	41	53	97	190	308	443	575
-3.75°	14	20	26	33	40	50	90	178	293	426	559
-5°	14	19	25	32	39	48	79	161	274	402	537
-6.25°	14	18	24	31	38	47	70	139	249	372	505
-7.5°	14	17	23	29	36	44	64	120	219	336	467
-8.75°	13	16	22	28	35	42	56	99	187	297	422
-10°	13	15	20	26	33	40	49	76	150	255	372
-11.25°	13	14	19	24	30	37	45	64	117	209	317
-12.5°	12	14	17	22	28	35	41	52	88	162	262
-13.75°	12	13	15	20	25	32	38	46	66	119	206
-15°	11	13	14	18	23	29	35	42	52	83	149
-16.25°	11	12	13	15	21	26	32	38	45	62	103
-17.5°	11	11	13	14	18	23	28	34	40	48	69
-18.75°	10	11	12	13	15	20	25	30	36	42	50
-20°	10	11	11	13	14	17	22	26	32	37	43
-21.25°	10	10	11	12	13	14	18	23	27	33	38





REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	9	10	10	11	12	13	15	19	24	28	33
-23.75°	9	10	10	11	11	12	14	16	20	24	28
-25°	9	9	10	10	11	11	13	14	16	20	24
-26.25°	8	9	9	10	10	11	11	13	14	16	19
-27.5°	8	8	9	9	10	10	11	11	13	14	15
-28.75°	8	8	9	9	9	10	10	11	11	12	13
-30°	7	8	8	9	9	9	10	10	11	11	12
-31.25°	7	7	8	8	9	9	9	10	10	11	11
-32.5°	7	7	7	8	8	9	9	9	10	10	10
-33.75°	6	7	7	7	8	8	8	9	9	10	10
-35°	6	6	7	7	7	8	8	8	9	9	9
-36.25°	6	6	6	7	7	7	7	8	8	8	9
-37.5°	6	6	6	6	7	7	7	7	8	8	8
-38.75°	6	6	6	6	6	6	7	7	7	7	8
-40°	5	5	6	6	6	6	6	7	7	7	7
-41.25°	5	5	5	6	6	6	6	6	6	7	7
-42.5°	5	5	5	5	6	6	6	6	6	6	6
-43.75°	5	5	5	5	5	5	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	6	6	6
-46.25°	5	5	5	5	5	5	5	5	5	5	6
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	4	4	5	5	5	5	5	5	5	5	5
-50°	4	4	4	4	5	5	5	5	5	5	5
-51.25°	4	4	4	4	4	4	5	5	5	5	5
-52.5°	3	4	4	4	4	4	4	4	4	5	5
-53.75°	3	3	3	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	4	4	4
-57.5°	2	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	1	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	2
-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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	5	5	5	5	5	5
53.75°	4	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	6	6	6	6	6
47.5°	5	5	6	6	6	6	6	6	6	6	6
46.25°	6	6	6	6	6	6	6	6	6	6	6
45°	6	6	6	6	6	6	7	7	7	7	7
43.75°	6	6	6	7	7	7	7	7	7	7	7
42.5°	7	7	7	7	7	7	7	8	8	8	8
41.25°	7	7	7	7	8	8	8	8	8	9	9
40°	7	8	8	8	8	9	9	9	9	9	9
38.75°	8	8	8	9	9	9	9	10	10	10	10
37.5°	9	9	9	9	10	10	10	10	10	11	11
36.25°	9	9	10	10	10	10	11	11	11	11	12
35°	10	10	10	11	11	11	12	12	13	13	13



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	10	11	11	11	12	13	13	14	14	15	16
32.5°	11	11	12	13	13	14	15	17	19	20	22
31.25°	12	13	13	14	15	18	20	22	24	26	28
30°	13	14	15	18	21	23	25	28	30	33	35
28.75°	14	17	20	23	26	29	32	35	37	40	42
27.5°	18	22	25	28	32	35	38	41	45	49	56
26.25°	23	26	30	34	38	42	46	52	64	76	99
25°	27	32	36	40	45	52	66	88	117	150	187
23.75°	33	37	42	48	62	83	119	162	209	255	297
22.5°	38	43	50	69	103	149	206	262	317	372	422
21.25°	44	53	73	117	175	240	306	373	437	496	548
20°	53	75	124	192	265	339	417	490	555	610	654
18.75°	73	124	197	277	361	446	528	597	653	696	725
17.5°	117	192	277	368	461	549	624	680	721	751	780
16.25°	175	265	361	461	556	638	696	736	771	805	845
15°	240	339	446	549	638	701	743	783	827	874	923
13.75°	306	417	528	624	696	743	788	838	894	951	1019
12.5°	373	490	597	680	736	783	838	901	970	1050	1160
11.25°	437	555	653	721	771	827	894	970	1064	1191	1337
10°	496	610	696	751	805	874	951	1050	1191	1357	1542
8.75°	548	654	725	780	845	923	1019	1160	1337	1542	1798
7.5°	590	686	748	806	882	972	1099	1276	1490	1760	2111
6.25°	626	712	768	835	918	1022	1180	1387	1646	1998	2466
5°	650	727	786	860	948	1074	1263	1500	1814	2250	2842
3.75°	667	739	800	880	979	1125	1332	1591	1967	2503	3224
2.5°	680	747	811	896	1001	1162	1383	1678	2104	2710	3519
1.25°	687	753	819	905	1014	1185	1420	1734	2188	2837	3718
0°	690	755	822	909	1019	1192	1433	1753	2216	2880	3789
-1.25°	687	753	819	905	1014	1185	1420	1734	2188	2837	3718
-2.5°	680	747	811	896	1001	1162	1383	1678	2104	2710	3519
-3.75°	667	739	800	880	979	1125	1332	1591	1967	2503	3224
-5°	650	727	786	860	948	1074	1263	1500	1814	2250	2842
-6.25°	626	712	768	835	918	1022	1180	1387	1646	1998	2466
-7.5°	590	686	748	806	882	972	1099	1276	1490	1760	2111
-8.75°	548	654	725	780	845	923	1019	1160	1337	1542	1798
-10°	496	610	696	751	805	874	951	1050	1191	1357	1542
-11.25°	437	555	653	721	771	827	894	970	1064	1191	1337
-12.5°	373	490	597	680	736	783	838	901	970	1050	1160
-13.75°	306	417	528	624	696	743	788	838	894	951	1019
-15°	240	339	446	549	638	701	743	783	827	874	923
-16.25°	175	265	361	461	556	638	696	736	771	805	845
-17.5°	117	192	277	368	461	549	624	680	721	751	780
-18.75°	73	124	197	277	361	446	528	597	653	696	725
-20°	53	75	124	192	265	339	417	490	555	610	654
-21.25°	44	53	73	117	175	240	306	373	437	496	548



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	38	43	50	69	103	149	206	262	317	372	422
-23.75°	33	37	42	48	62	83	119	162	209	255	297
-25°	27	32	36	40	45	52	66	88	117	150	187
-26.25°	23	26	30	34	38	42	46	52	64	76	99
-27.5°	18	22	25	28	32	35	38	41	45	49	56
-28.75°	14	17	20	23	26	29	32	35	37	40	42
-30°	13	14	15	18	21	23	25	28	30	33	35
-31.25°	12	13	13	14	15	18	20	22	24	26	28
-32.5°	11	11	12	13	13	14	15	17	19	20	22
-33.75°	10	11	11	11	12	13	13	14	14	15	16
-35°	10	10	10	11	11	11	12	12	13	13	13
-36.25°	9	9	10	10	10	10	11	11	11	11	12
-37.5°	9	9	9	9	10	10	10	10	10	11	11
-38.75°	8	8	8	9	9	9	9	10	10	10	10
-40°	7	8	8	8	8	9	9	9	9	9	9
-41.25°	7	7	7	7	8	8	8	8	8	9	9
-42.5°	7	7	7	7	7	7	7	8	8	8	8
-43.75°	6	6	6	7	7	7	7	7	7	7	7
-45°	6	6	6	6	6	6	7	7	7	7	7
-46.25°	6	6	6	6	6	6	6	6	6	6	6
-47.5°	5	5	6	6	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	6	6	6	6	6
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	4	5	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	5	5	5	5	5	5
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	4	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	7	7	7	7	7	7	7	7	7	7	7
45°	7	7	7	7	7	7	7	7	7	7	7
43.75°	7	8	8	8	8	8	8	8	8	8	8
42.5°	8	8	8	8	8	8	8	8	8	8	8
41.25°	9	9	9	9	9	9	9	9	9	9	9
40°	9	10	10	10	10	10	10	10	10	10	10
38.75°	10	10	10	10	10	10	11	10	10	10	10
37.5°	11	11	11	11	11	11	11	11	11	11	11
36.25°	12	12	13	13	13	13	13	13	13	13	13
35°	14	14	14	14	15	15	15	15	15	14	14



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	17	18	19	20	20	21	21	21	20	20	19
32.5°	23	24	25	26	26	26	27	26	26	26	25
31.25°	29	31	32	33	33	34	34	34	33	33	32
30°	36	38	39	40	41	41	41	41	41	40	39
28.75°	44	47	48	50	53	55	56	55	53	50	48
27.5°	64	70	79	90	97	102	104	102	97	90	79
26.25°	120	139	161	178	190	197	200	197	190	178	161
25°	219	249	274	293	308	316	319	316	308	293	274
23.75°	336	372	402	426	443	453	456	453	443	426	402
22.5°	467	505	537	559	575	585	588	585	575	559	537
21.25°	590	626	650	667	680	687	690	687	680	667	650
20°	686	712	727	739	747	753	755	753	747	739	727
18.75°	748	768	786	800	811	819	822	819	811	800	786
17.5°	806	835	860	880	896	905	909	905	896	880	860
16.25°	882	918	948	979	1001	1014	1019	1014	1001	979	948
15°	972	1022	1074	1125	1162	1185	1192	1185	1162	1125	1074
13.75°	1099	1180	1263	1332	1383	1420	1433	1420	1383	1332	1263
12.5°	1276	1387	1500	1591	1678	1734	1753	1734	1678	1591	1500
11.25°	1490	1646	1814	1967	2104	2188	2216	2188	2104	1967	1814
10°	1760	1998	2250	2503	2710	2837	2880	2837	2710	2503	2250
8.75°	2111	2466	2842	3224	3519	3718	3789	3718	3519	3224	2842
7.5°	2549	3056	3584	4087	4479	4743	4834	4743	4479	4087	3584
6.25°	3056	3725	4396	5023	5505	5810	5915	5810	5505	5023	4396
5°	3584	4396	5215	5918	6464	6820	6945	6820	6464	5918	5215
3.75°	4087	5023	5918	6699	7307	7706	7826	7706	7307	6699	5918
2.5°	4479	5505	6464	7307	7953	8360	8491	8360	7953	7307	6464
1.25°	4743	5810	6820	7706	8360	8775	8916	8775	8360	7706	6820
0°	4834	5915	6945	7826	8491	8916	9100	8916	8491	7826	6945
-1.25°	4743	5810	6820	7706	8360	8775	8916	8775	8360	7706	6820
-2.5°	4479	5505	6464	7307	7953	8360	8491	8360	7953	7307	6464
-3.75°	4087	5023	5918	6699	7307	7706	7826	7706	7307	6699	5918
-5°	3584	4396	5215	5918	6464	6820	6945	6820	6464	5918	5215
-6.25°	3056	3725	4396	5023	5505	5810	5915	5810	5505	5023	4396
-7.5°	2549	3056	3584	4087	4479	4743	4834	4743	4479	4087	3584
-8.75°	2111	2466	2842	3224	3519	3718	3789	3718	3519	3224	2842
-10°	1760	1998	2250	2503	2710	2837	2880	2837	2710	2503	2250
-11.25°	1490	1646	1814	1967	2104	2188	2216	2188	2104	1967	1814
-12.5°	1276	1387	1500	1591	1678	1734	1753	1734	1678	1591	1500
-13.75°	1099	1180	1263	1332	1383	1420	1433	1420	1383	1332	1263
-15°	972	1022	1074	1125	1162	1185	1192	1185	1162	1125	1074
-16.25°	882	918	948	979	1001	1014	1019	1014	1001	979	948
-17.5°	806	835	860	880	896	905	909	905	896	880	860
-18.75°	748	768	786	800	811	819	822	819	811	800	786
-20°	686	712	727	739	747	753	755	753	747	739	727
-21.25°	590	626	650	667	680	687	690	687	680	667	650





REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	467	505	537	559	575	585	588	585	575	559	537
-23.75°	336	372	402	426	443	453	456	453	443	426	402
-25°	219	249	274	293	308	316	319	316	308	293	274
-26.25°	120	139	161	178	190	197	200	197	190	178	161
-27.5°	64	70	79	90	97	102	104	102	97	90	79
-28.75°	44	47	48	50	53	55	56	55	53	50	48
-30°	36	38	39	40	41	41	41	41	41	40	39
-31.25°	29	31	32	33	33	34	34	34	33	33	32
-32.5°	23	24	25	26	26	26	27	26	26	26	25
-33.75°	17	18	19	20	20	21	21	21	20	20	19
-35°	14	14	14	14	15	15	15	15	15	14	14
-36.25°	12	12	13	13	13	13	13	13	13	13	13
-37.5°	11	11	11	11	11	11	11	11	11	11	11
-38.75°	10	10	10	10	10	10	11	10	10	10	10
-40°	9	10	10	10	10	10	10	10	10	10	10
-41.25°	9	9	9	9	9	9	9	9	9	9	9
-42.5°	8	8	8	8	8	8	8	8	8	8	8
-43.75°	7	8	8	8	8	8	8	8	8	8	8
-45°	7	7	7	7	7	7	7	7	7	7	7
-46.25°	7	7	7	7	7	7	7	7	7	7	7
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	5	6	6	6	6	6	6	6	6	6	6
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	4	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	2	2	2	2	2	2	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	5	5	5	5	5	5	5	5	4	4	4
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	6	5	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	6	6	5	5	5	5
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	7	7	6	6	6	6	6	6	6	6	6
45°	7	7	7	7	7	7	7	6	6	6	6
43.75°	8	7	7	7	7	7	7	7	7	7	6
42.5°	8	8	8	8	8	8	7	7	7	7	7
41.25°	9	9	9	9	8	8	8	8	8	7	7
40°	10	9	9	9	9	9	9	9	8	8	8
38.75°	10	10	10	10	10	10	9	9	9	9	8
37.5°	11	11	11	11	10	10	10	10	10	9	9
36.25°	12	12	12	11	11	11	11	10	10	10	10
35°	14	14	13	13	13	12	12	11	11	11	10

REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	18	17	16	15	14	14	13	13	12	11	11
32.5°	24	23	22	20	19	17	15	14	13	13	12
31.25°	31	29	28	26	24	22	20	18	15	14	13
30°	38	36	35	33	30	28	25	23	21	18	15
28.75°	47	44	42	40	37	35	32	29	26	23	20
27.5°	70	64	56	49	45	41	38	35	32	28	25
26.25°	139	120	99	76	64	52	46	42	38	34	30
25°	249	219	187	150	117	88	66	52	45	40	36
23.75°	372	336	297	255	209	162	119	83	62	48	42
22.5°	505	467	422	372	317	262	206	149	103	69	50
21.25°	626	590	548	496	437	373	306	240	175	117	73
20°	712	686	654	610	555	490	417	339	265	192	124
18.75°	768	748	725	696	653	597	528	446	361	277	197
17.5°	835	806	780	751	721	680	624	549	461	368	277
16.25°	918	882	845	805	771	736	696	638	556	461	361
15°	1022	972	923	874	827	783	743	701	638	549	446
13.75°	1180	1099	1019	951	894	838	788	743	696	624	528
12.5°	1387	1276	1160	1050	970	901	838	783	736	680	597
11.25°	1646	1490	1337	1191	1064	970	894	827	771	721	653
10°	1998	1760	1542	1357	1191	1050	951	874	805	751	696
8.75°	2466	2111	1798	1542	1337	1160	1019	923	845	780	725
7.5°	3056	2549	2111	1760	1490	1276	1099	972	882	806	748
6.25°	3725	3056	2466	1998	1646	1387	1180	1022	918	835	768
5°	4396	3584	2842	2250	1814	1500	1263	1074	948	860	786
3.75°	5023	4087	3224	2503	1967	1591	1332	1125	979	880	800
2.5°	5505	4479	3519	2710	2104	1678	1383	1162	1001	896	811
1.25°	5810	4743	3718	2837	2188	1734	1420	1185	1014	905	819
0°	5915	4834	3789	2880	2216	1753	1433	1192	1019	909	822
-1.25°	5810	4743	3718	2837	2188	1734	1420	1185	1014	905	819
-2.5°	5505	4479	3519	2710	2104	1678	1383	1162	1001	896	811
-3.75°	5023	4087	3224	2503	1967	1591	1332	1125	979	880	800
-5°	4396	3584	2842	2250	1814	1500	1263	1074	948	860	786
-6.25°	3725	3056	2466	1998	1646	1387	1180	1022	918	835	768
-7.5°	3056	2549	2111	1760	1490	1276	1099	972	882	806	748
-8.75°	2466	2111	1798	1542	1337	1160	1019	923	845	780	725
-10°	1998	1760	1542	1357	1191	1050	951	874	805	751	696
-11.25°	1646	1490	1337	1191	1064	970	894	827	771	721	653
-12.5°	1387	1276	1160	1050	970	901	838	783	736	680	597
-13.75°	1180	1099	1019	951	894	838	788	743	696	624	528
-15°	1022	972	923	874	827	783	743	701	638	549	446
-16.25°	918	882	845	805	771	736	696	638	556	461	361
-17.5°	835	806	780	751	721	680	624	549	461	368	277
-18.75°	768	748	725	696	653	597	528	446	361	277	197
-20°	712	686	654	610	555	490	417	339	265	192	124
-21.25°	626	590	548	496	437	373	306	240	175	117	73



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	505	467	422	372	317	262	206	149	103	69	50
-23.75°	372	336	297	255	209	162	119	83	62	48	42
-25°	249	219	187	150	117	88	66	52	45	40	36
-26.25°	139	120	99	76	64	52	46	42	38	34	30
-27.5°	70	64	56	49	45	41	38	35	32	28	25
-28.75°	47	44	42	40	37	35	32	29	26	23	20
-30°	38	36	35	33	30	28	25	23	21	18	15
-31.25°	31	29	28	26	24	22	20	18	15	14	13
-32.5°	24	23	22	20	19	17	15	14	13	13	12
-33.75°	18	17	16	15	14	14	13	13	12	11	11
-35°	14	14	13	13	13	12	12	11	11	11	10
-36.25°	12	12	12	11	11	11	11	10	10	10	10
-37.5°	11	11	11	11	10	10	10	10	10	9	9
-38.75°	10	10	10	10	10	10	9	9	9	9	8
-40°	10	9	9	9	9	9	9	9	8	8	8
-41.25°	9	9	9	9	8	8	8	8	8	7	7
-42.5°	8	8	8	8	8	8	7	7	7	7	7
-43.75°	8	7	7	7	7	7	7	7	7	7	6
-45°	7	7	7	7	7	7	7	6	6	6	6
-46.25°	7	7	6	6	6	6	6	6	6	6	6
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	5	5	5	5
-50°	6	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	2	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°	3	3	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	2	2
57.5°	4	4	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	3	3	3
53.75°	5	4	4	4	4	4	4	4	4	4	3
52.5°	5	5	5	5	4	4	4	4	4	4	4
51.25°	5	5	5	5	5	5	5	4	4	4	4
50°	5	5	5	5	5	5	5	5	5	4	4
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	6	6	6	5	5	5	5	5	5	5	5
45°	6	6	6	6	6	5	5	5	5	5	5
43.75°	6	6	6	6	6	6	6	5	5	5	5
42.5°	7	7	6	6	6	6	6	6	6	5	5
41.25°	7	7	7	7	6	6	6	6	6	6	5
40°	8	7	7	7	7	7	6	6	6	6	6
38.75°	8	8	8	7	7	7	7	6	6	6	6
37.5°	9	9	8	8	8	7	7	7	7	6	6
36.25°	9	9	9	8	8	8	7	7	7	7	6
35°	10	10	9	9	9	8	8	8	7	7	7



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	11	10	10	10	9	9	8	8	8	7	7
32.5°	11	11	10	10	10	9	9	9	8	8	7
31.25°	13	12	11	11	10	10	9	9	9	8	8
30°	14	13	12	11	11	10	10	9	9	9	8
28.75°	17	14	13	12	11	11	10	10	9	9	9
27.5°	22	18	15	14	13	11	11	10	10	9	9
26.25°	26	23	19	16	14	13	11	11	10	10	9
25°	32	27	24	20	16	14	13	11	11	10	10
23.75°	37	33	28	24	20	16	14	12	11	11	10
22.5°	43	38	33	28	24	19	15	13	12	11	10
21.25°	53	44	38	33	27	23	18	14	13	12	11
20°	75	53	43	37	32	26	22	17	14	13	11
18.75°	124	73	50	42	36	30	25	20	15	13	12
17.5°	192	117	69	48	40	34	28	23	18	14	13
16.25°	265	175	103	62	45	38	32	26	21	15	13
15°	339	240	149	83	52	42	35	29	23	18	14
13.75°	417	306	206	119	66	46	38	32	25	20	15
12.5°	490	373	262	162	88	52	41	35	28	22	17
11.25°	555	437	317	209	117	64	45	37	30	24	19
10°	610	496	372	255	150	76	49	40	33	26	20
8.75°	654	548	422	297	187	99	56	42	35	28	22
7.5°	686	590	467	336	219	120	64	44	36	29	23
6.25°	712	626	505	372	249	139	70	47	38	31	24
5°	727	650	537	402	274	161	79	48	39	32	25
3.75°	739	667	559	426	293	178	90	50	40	33	26
2.5°	747	680	575	443	308	190	97	53	41	33	26
1.25°	753	687	585	453	316	197	102	55	41	34	26
0°	755	690	588	456	319	200	104	56	41	34	27
-1.25°	753	687	585	453	316	197	102	55	41	34	26
-2.5°	747	680	575	443	308	190	97	53	41	33	26
-3.75°	739	667	559	426	293	178	90	50	40	33	26
-5°	727	650	537	402	274	161	79	48	39	32	25
-6.25°	712	626	505	372	249	139	70	47	38	31	24
-7.5°	686	590	467	336	219	120	64	44	36	29	23
-8.75°	654	548	422	297	187	99	56	42	35	28	22
-10°	610	496	372	255	150	76	49	40	33	26	20
-11.25°	555	437	317	209	117	64	45	37	30	24	19
-12.5°	490	373	262	162	88	52	41	35	28	22	17
-13.75°	417	306	206	119	66	46	38	32	25	20	15
-15°	339	240	149	83	52	42	35	29	23	18	14
-16.25°	265	175	103	62	45	38	32	26	21	15	13
-17.5°	192	117	69	48	40	34	28	23	18	14	13
-18.75°	124	73	50	42	36	30	25	20	15	13	12
-20°	75	53	43	37	32	26	22	17	14	13	11
-21.25°	53	44	38	33	27	23	18	14	13	12	11





REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	43	38	33	28	24	19	15	13	12	11	10
-23.75°	37	33	28	24	20	16	14	12	11	11	10
-25°	32	27	24	20	16	14	13	11	11	10	10
-26.25°	26	23	19	16	14	13	11	11	10	10	9
-27.5°	22	18	15	14	13	11	11	10	10	9	9
-28.75°	17	14	13	12	11	11	10	10	9	9	9
-30°	14	13	12	11	11	10	10	9	9	9	8
-31.25°	13	12	11	11	10	10	9	9	9	8	8
-32.5°	11	11	10	10	10	9	9	9	8	8	7
-33.75°	11	10	10	10	9	9	8	8	8	7	7
-35°	10	10	9	9	9	8	8	8	7	7	7
-36.25°	9	9	9	8	8	8	7	7	7	7	6
-37.5°	9	9	8	8	8	7	7	7	7	6	6
-38.75°	8	8	8	7	7	7	7	6	6	6	6
-40°	8	7	7	7	7	7	6	6	6	6	6
-41.25°	7	7	7	7	6	6	6	6	6	6	5
-42.5°	7	7	6	6	6	6	6	6	6	5	5
-43.75°	6	6	6	6	6	6	6	5	5	5	5
-45°	6	6	6	6	6	5	5	5	5	5	5
-46.25°	6	6	6	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	4	4
-51.25°	5	5	5	5	5	5	5	4	4	4	4
-52.5°	5	5	5	5	4	4	4	4	4	4	4
-53.75°	5	4	4	4	4	4	4	4	4	4	3
-55°	4	4	4	4	4	4	4	4	3	3	3
-56.25°	4	4	4	4	4	3	3	3	3	3	3
-57.5°	4	4	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	2	2
-60°	3	3	3	3	3	3	2	2	2	2	2
-61.25°	3	3	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°	2	2	2	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	1	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	1	1	1	1
57.5°	3	2	2	2	2	2	2	2	1	1	1
56.25°	3	3	3	2	2	2	2	2	2	2	1
55°	3	3	3	3	3	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	2	2	2	2	2
52.5°	4	3	3	3	3	3	3	3	2	2	2
51.25°	4	4	4	3	3	3	3	3	3	2	2
50°	4	4	4	4	4	3	3	3	3	3	2
48.75°	4	4	4	4	4	4	3	3	3	3	3
47.5°	5	5	4	4	4	4	4	3	3	3	3
46.25°	5	5	5	4	4	4	4	4	3	3	3
45°	5	5	5	5	4	4	4	4	4	4	3
43.75°	5	5	5	5	5	5	4	4	4	4	3
42.5°	5	5	5	5	5	5	5	4	4	4	4
41.25°	5	5	5	5	5	5	5	5	4	4	4
40°	5	5	5	5	5	5	5	5	5	4	4
38.75°	6	6	5	5	5	5	5	5	5	4	4
37.5°	6	6	6	5	5	5	5	5	5	5	4
36.25°	6	6	6	6	5	5	5	5	5	5	5
35°	6	6	6	6	6	5	5	5	5	5	5



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	7	6	6	6	6	5	5	5	5	5	5
32.5°	7	7	6	6	6	6	5	5	5	5	5
31.25°	7	7	7	6	6	6	6	5	5	5	5
30°	8	7	7	7	6	6	6	6	5	5	5
28.75°	8	8	7	7	6	6	6	6	5	5	5
27.5°	8	8	7	7	7	6	6	6	6	5	5
26.25°	9	8	8	7	7	7	6	6	6	5	5
25°	9	9	8	8	7	7	6	6	6	6	5
23.75°	10	9	8	8	7	7	7	6	6	6	5
22.5°	10	9	9	8	8	7	7	6	6	6	6
21.25°	10	10	9	9	8	7	7	7	6	6	6
20°	11	10	9	9	8	8	7	7	6	6	6
18.75°	11	10	10	9	8	8	7	7	6	6	6
17.5°	11	11	10	9	9	8	7	7	7	6	6
16.25°	12	11	10	10	9	8	8	7	7	6	6
15°	13	11	10	10	9	9	8	7	7	6	6
13.75°	13	12	11	10	9	9	8	7	7	7	6
12.5°	14	12	11	10	10	9	8	8	7	7	6
11.25°	14	13	11	10	10	9	8	8	7	7	6
10°	15	13	11	11	10	9	9	8	7	7	6
8.75°	16	13	12	11	10	9	9	8	7	7	6
7.5°	17	14	12	11	10	9	9	8	7	7	7
6.25°	18	14	12	11	10	10	9	8	8	7	7
5°	19	14	13	11	10	10	9	8	8	7	7
3.75°	20	14	13	11	10	10	9	8	8	7	7
2.5°	20	15	13	11	10	10	9	8	8	7	7
1.25°	21	15	13	11	10	10	9	8	8	7	7
0°	21	15	13	11	11	10	9	8	8	7	7
-1.25°	21	15	13	11	10	10	9	8	8	7	7
-2.5°	20	15	13	11	10	10	9	8	8	7	7
-3.75°	20	14	13	11	10	10	9	8	8	7	7
-5°	19	14	13	11	10	10	9	8	8	7	7
-6.25°	18	14	12	11	10	10	9	8	8	7	7
-7.5°	17	14	12	11	10	9	9	8	7	7	7
-8.75°	16	13	12	11	10	9	9	8	7	7	6
-10°	15	13	11	11	10	9	9	8	7	7	6
-11.25°	14	13	11	10	10	9	8	8	7	7	6
-12.5°	14	12	11	10	10	9	8	8	7	7	6
-13.75°	13	12	11	10	9	9	8	7	7	7	6
-15°	13	11	10	10	9	9	8	7	7	6	6
-16.25°	12	11	10	10	9	8	8	7	7	6	6
-17.5°	11	11	10	9	9	8	7	7	7	6	6
-18.75°	11	10	10	9	8	8	7	7	6	6	6
-20°	11	10	9	9	8	8	7	7	6	6	6
-21.25°	10	10	9	9	8	7	7	7	6	6	6



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	10	9	9	8	8	7	7	6	6	6	6
-23.75°	10	9	8	8	7	7	7	6	6	6	5
-25°	9	9	8	8	7	7	6	6	6	6	5
-26.25°	9	8	8	7	7	7	6	6	6	5	5
-27.5°	8	8	7	7	7	6	6	6	6	5	5
-28.75°	8	8	7	7	6	6	6	6	5	5	5
-30°	8	7	7	7	6	6	6	6	5	5	5
-31.25°	7	7	7	6	6	6	6	5	5	5	5
-32.5°	7	7	6	6	6	6	5	5	5	5	5
-33.75°	7	6	6	6	6	5	5	5	5	5	5
-35°	6	6	6	6	6	5	5	5	5	5	5
-36.25°	6	6	6	6	5	5	5	5	5	5	5
-37.5°	6	6	6	5	5	5	5	5	5	5	4
-38.75°	6	6	5	5	5	5	5	5	5	4	4
-40°	5	5	5	5	5	5	5	5	5	4	4
-41.25°	5	5	5	5	5	5	5	5	4	4	4
-42.5°	5	5	5	5	5	5	5	4	4	4	4
-43.75°	5	5	5	5	5	5	4	4	4	4	3
-45°	5	5	5	5	4	4	4	4	4	4	3
-46.25°	5	5	5	4	4	4	4	4	3	3	3
-47.5°	5	5	4	4	4	4	4	3	3	3	3
-48.75°	4	4	4	4	4	4	3	3	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	2
-51.25°	4	4	4	3	3	3	3	3	3	2	2
-52.5°	4	3	3	3	3	3	3	3	2	2	2
-53.75°	3	3	3	3	3	3	2	2	2	2	2
-55°	3	3	3	3	3	2	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	1
-57.5°	3	2	2	2	2	2	2	2	1	1	1
-58.75°	2	2	2	2	2	2	2	1	1	1	1
-60°	2	2	2	2	2	1	1	1	1	1	1
-61.25°	2	2	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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°	2	2	1	1	1	1	1	1	1	1	1
52.5°	2	2	2	1	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	3	2	2	2	2	2	1	1	1	1	1
47.5°	3	3	2	2	2	2	1	1	1	1	1
46.25°	3	3	2	2	2	2	2	1	1	1	1
45°	3	3	3	2	2	2	2	2	1	1	1
43.75°	3	3	3	3	2	2	2	2	1	1	1
42.5°	3	3	3	3	3	2	2	2	2	1	1
41.25°	4	3	3	3	3	2	2	2	2	2	1
40°	4	4	3	3	3	3	2	2	2	2	1
38.75°	4	4	4	3	3	3	3	2	2	2	2
37.5°	4	4	4	3	3	3	3	2	2	2	2
36.25°	4	4	4	4	3	3	3	3	2	2	2
35°	5	4	4	4	3	3	3	3	2	2	2



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	5	4	4	4	4	3	3	3	3	2	2
32.5°	5	5	4	4	4	3	3	3	3	2	2
31.25°	5	5	4	4	4	4	3	3	3	2	2
30°	5	5	5	4	4	4	3	3	3	3	2
28.75°	5	5	5	4	4	4	4	3	3	3	2
27.5°	5	5	5	5	4	4	4	3	3	3	2
26.25°	5	5	5	5	4	4	4	3	3	3	3
25°	5	5	5	5	4	4	4	4	3	3	3
23.75°	5	5	5	5	5	4	4	4	3	3	3
22.5°	5	5	5	5	5	4	4	4	3	3	3
21.25°	5	5	5	5	5	4	4	4	4	3	3
20°	5	5	5	5	5	5	4	4	4	3	3
18.75°	6	5	5	5	5	5	4	4	4	3	3
17.5°	6	5	5	5	5	5	4	4	4	3	3
16.25°	6	5	5	5	5	5	4	4	4	3	3
15°	6	5	5	5	5	5	5	4	4	4	3
13.75°	6	6	5	5	5	5	5	4	4	4	3
12.5°	6	6	5	5	5	5	5	4	4	4	3
11.25°	6	6	5	5	5	5	5	4	4	4	3
10°	6	6	5	5	5	5	5	4	4	4	3
8.75°	6	6	5	5	5	5	5	4	4	4	3
7.5°	6	6	5	5	5	5	5	4	4	4	3
6.25°	6	6	6	5	5	5	5	4	4	4	3
5°	6	6	6	5	5	5	5	5	4	4	3
3.75°	6	6	6	5	5	5	5	5	4	4	3
2.5°	6	6	6	5	5	5	5	5	4	4	3
1.25°	6	6	6	5	5	5	5	5	4	4	3
0°	6	6	6	5	5	5	5	5	4	4	3
-1.25°	6	6	6	5	5	5	5	5	4	4	3
-2.5°	6	6	6	5	5	5	5	5	4	4	3
-3.75°	6	6	6	5	5	5	5	5	4	4	3
-5°	6	6	6	5	5	5	5	5	4	4	3
-6.25°	6	6	6	5	5	5	5	5	4	4	3
-7.5°	6	6	5	5	5	5	5	4	4	4	3
-8.75°	6	6	5	5	5	5	5	4	4	4	3
-10°	6	6	5	5	5	5	5	4	4	4	3
-11.25°	6	6	5	5	5	5	5	4	4	4	3
-12.5°	6	6	5	5	5	5	5	4	4	4	3
-13.75°	6	6	5	5	5	5	5	4	4	4	3
-15°	6	5	5	5	5	5	5	4	4	4	3
-16.25°	6	5	5	5	5	5	4	4	4	3	3
-17.5°	6	5	5	5	5	5	4	4	4	3	3
-18.75°	6	5	5	5	5	5	4	4	4	3	3
-20°	5	5	5	5	5	5	4	4	4	3	3
-21.25°	5	5	5	5	5	4	4	4	4	3	3





REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	5	5	5	5	5	4	4	4	3	3	3
-23.75°	5	5	5	5	5	4	4	4	3	3	3
-25°	5	5	5	5	4	4	4	4	3	3	3
-26.25°	5	5	5	5	4	4	4	3	3	3	3
-27.5°	5	5	5	5	4	4	4	3	3	3	2
-28.75°	5	5	5	4	4	4	4	3	3	3	2
-30°	5	5	5	4	4	4	3	3	3	3	2
-31.25°	5	5	4	4	4	4	3	3	3	2	2
-32.5°	5	5	4	4	4	3	3	3	3	2	2
-33.75°	5	4	4	4	4	3	3	3	3	2	2
-35°	5	4	4	4	3	3	3	3	2	2	2
-36.25°	4	4	4	4	3	3	3	3	2	2	2
-37.5°	4	4	4	3	3	3	3	2	2	2	2
-38.75°	4	4	4	3	3	3	3	2	2	2	2
-40°	4	4	3	3	3	3	2	2	2	2	1
-41.25°	4	3	3	3	3	2	2	2	2	2	1
-42.5°	3	3	3	3	3	2	2	2	2	1	1
-43.75°	3	3	3	3	2	2	2	2	1	1	1
-45°	3	3	3	2	2	2	2	2	1	1	1
-46.25°	3	3	2	2	2	2	2	1	1	1	1
-47.5°	3	3	2	2	2	2	1	1	1	1	1
-48.75°	3	2	2	2	2	2	1	1	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-53.75°	2	2	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	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°	2	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	2	1	1	1	1	1	1	0	0	0	0
32.5°	2	2	1	1	1	1	1	0	0	0	0
31.25°	2	2	1	1	1	1	1	1	0	0	0
30°	2	2	1	1	1	1	1	1	0	0	0
28.75°	2	2	1	1	1	1	1	1	0	0	0
27.5°	2	2	2	1	1	1	1	1	0	0	0
26.25°	2	2	2	1	1	1	1	1	0	0	0
25°	2	2	2	1	1	1	1	1	1	0	0
23.75°	2	2	2	1	1	1	1	1	1	0	0
22.5°	2	2	2	2	1	1	1	1	1	0	0
21.25°	3	2	2	2	1	1	1	1	1	0	0
20°	3	2	2	2	1	1	1	1	1	0	0
18.75°	3	2	2	2	1	1	1	1	1	0	0
17.5°	3	2	2	2	1	1	1	1	1	0	0
16.25°	3	2	2	2	1	1	1	1	1	0	0
15°	3	3	2	2	2	1	1	1	1	1	0
13.75°	3	3	2	2	2	1	1	1	1	1	0
12.5°	3	3	2	2	2	1	1	1	1	1	0
11.25°	3	3	2	2	2	1	1	1	1	1	0
10°	3	3	2	2	2	1	1	1	1	1	0
8.75°	3	3	2	2	2	1	1	1	1	1	0
7.5°	3	3	2	2	2	1	1	1	1	1	0
6.25°	3	3	2	2	2	1	1	1	1	1	0
5°	3	3	2	2	2	1	1	1	1	1	0
3.75°	3	3	2	2	2	1	1	1	1	1	0
2.5°	3	3	2	2	2	1	1	1	1	1	0
1.25°	3	3	2	2	2	1	1	1	1	1	0
0°	3	3	2	2	2	1	1	1	1	1	0
-1.25°	3	3	2	2	2	1	1	1	1	1	0
-2.5°	3	3	2	2	2	1	1	1	1	1	0
-3.75°	3	3	2	2	2	1	1	1	1	1	0
-5°	3	3	2	2	2	1	1	1	1	1	0
-6.25°	3	3	2	2	2	1	1	1	1	1	0
-7.5°	3	3	2	2	2	1	1	1	1	1	0
-8.75°	3	3	2	2	2	1	1	1	1	1	0
-10°	3	3	2	2	2	1	1	1	1	1	0
-11.25°	3	3	2	2	2	1	1	1	1	1	0
-12.5°	3	3	2	2	2	1	1	1	1	1	0
-13.75°	3	3	2	2	2	1	1	1	1	1	0
-15°	3	3	2	2	2	1	1	1	1	1	0
-16.25°	3	2	2	2	1	1	1	1	1	0	0
-17.5°	3	2	2	2	1	1	1	1	1	0	0
-18.75°	3	2	2	2	1	1	1	1	1	0	0
-20°	3	2	2	2	1	1	1	1	1	0	0
-21.25°	3	2	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	2	2	2	2	1	1	1	1	1	0	0
-23.75°	2	2	2	1	1	1	1	1	1	0	0
-25°	2	2	2	1	1	1	1	1	1	0	0
-26.25°	2	2	2	1	1	1	1	1	0	0	0
-27.5°	2	2	2	1	1	1	1	1	0	0	0
-28.75°	2	2	1	1	1	1	1	1	0	0	0
-30°	2	2	1	1	1	1	1	1	0	0	0
-31.25°	2	2	1	1	1	1	1	1	0	0	0
-32.5°	2	2	1	1	1	1	1	0	0	0	0
-33.75°	2	1	1	1	1	1	1	0	0	0	0
-35°	2	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220514 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)