

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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

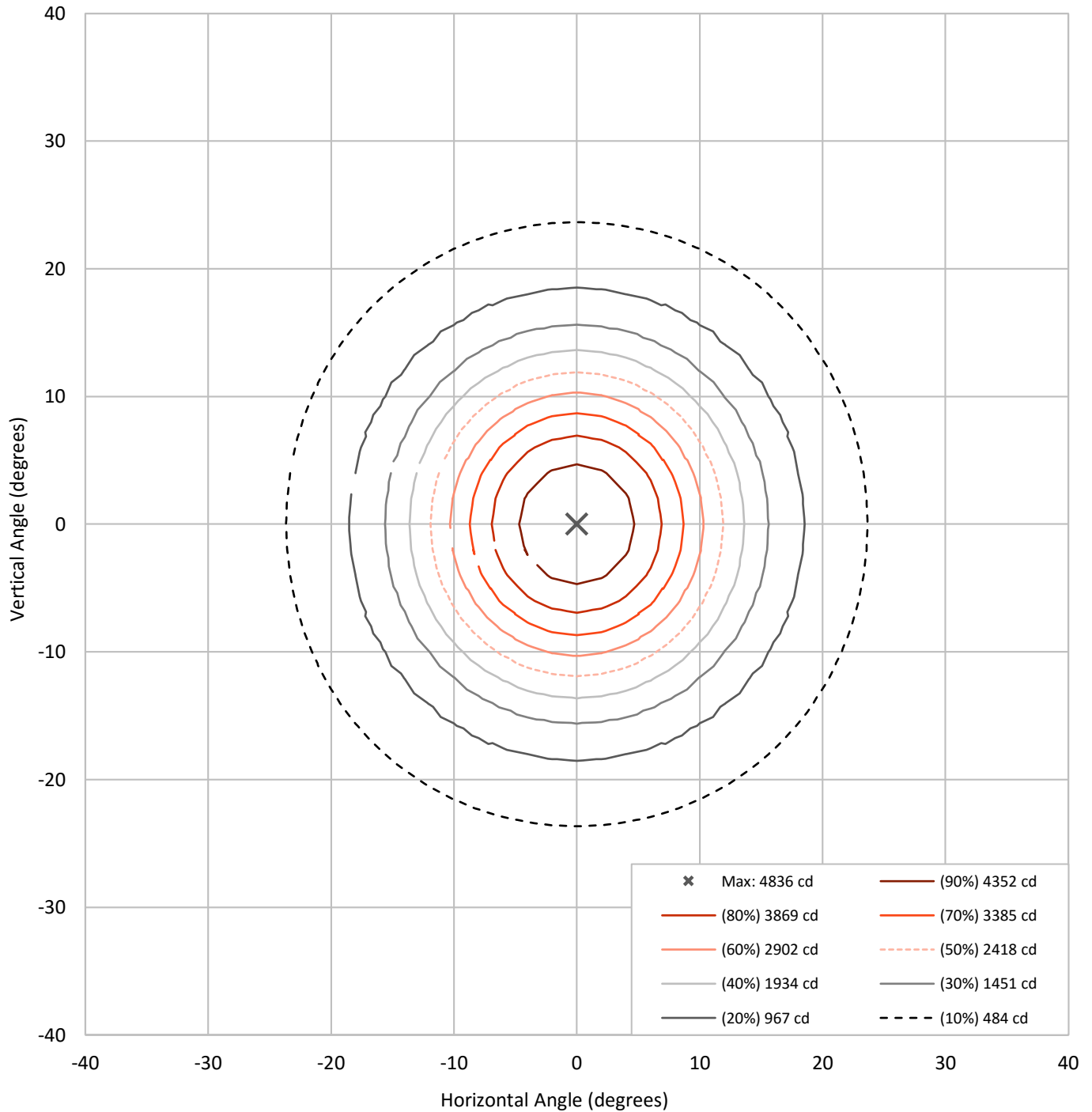
Test Method: LM-79-08  
Report Number: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29473)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM 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:	1007.8 lumens	Max Intensity:	4836 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	50.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.8°H x 23.8°V	Field Angle (10%):	47.3°H x 47.3°V
Beam Lumens:	473 lumens	Field Lumens:	908.3 lumens
Beam Efficiency:	46.9%	Field Efficiency:	90.1%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

### Iso-Candela Plot





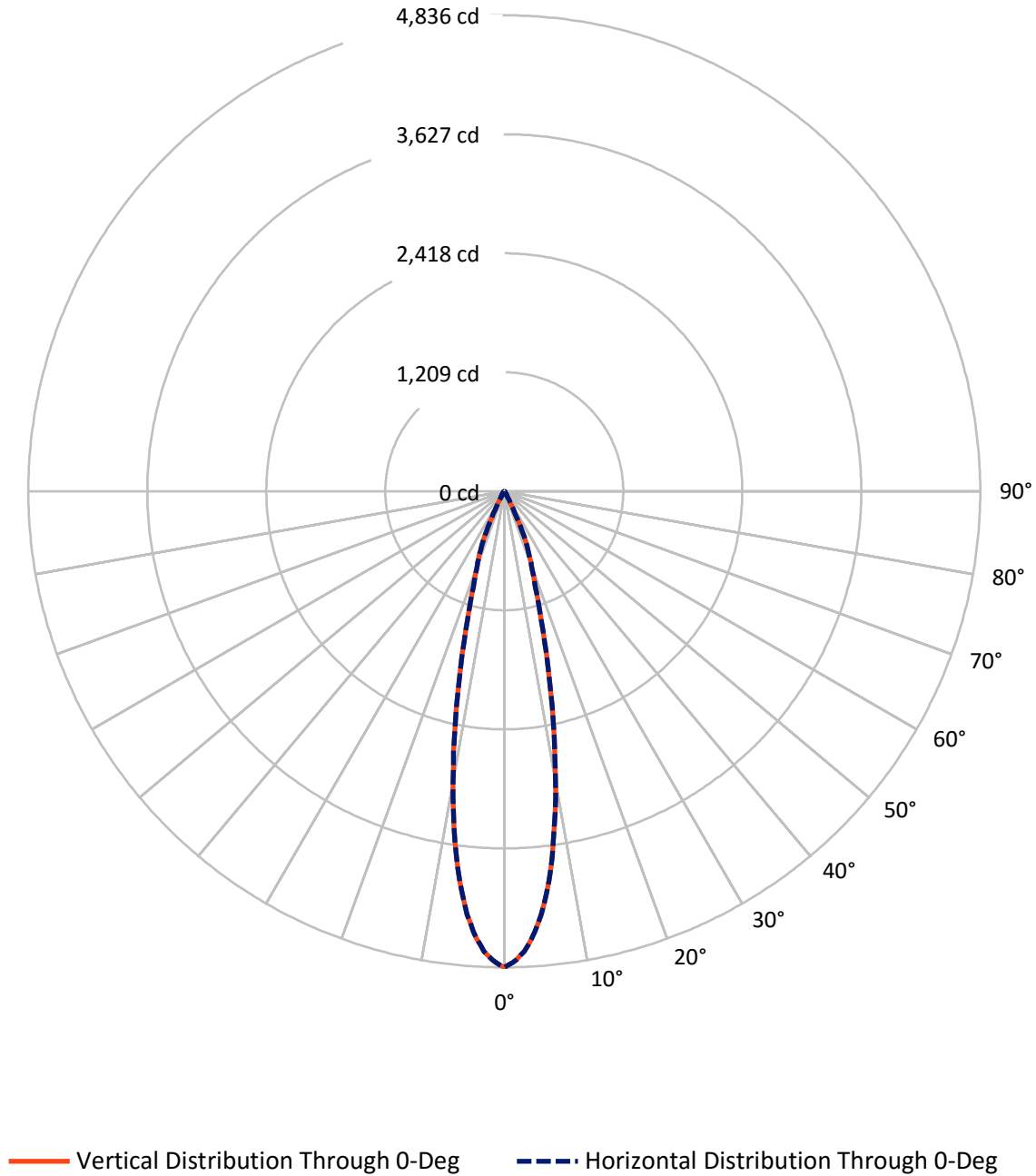
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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

### Lumen Table

90	0.0															
80	0.0															
70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0
40		0.0	0.1	0.1	0.2	0.3	0.5	0.8	0.8	0.5	0.3	0.2	0.1	0.1	0.0	
30	0.0	0.0	0.1	0.1	0.3	0.8	4.0	10.0	10.0	4.0	0.8	0.3	0.1	0.1	0.0	0.0
20		0.0	0.1	0.2	0.5	3.8	21.2	44.6	44.6	21.2	3.8	0.5	0.2	0.1	0.0	
10	0.0	0.0	0.1	0.2	0.7	9.3	43.4	108.9	108.9	43.4	9.3	0.7	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	0.7	9.3	43.4	108.9	108.9	43.4	9.3	0.7	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.2	0.5	3.8	21.2	44.6	44.6	21.2	3.8	0.5	0.2	0.1	0.0	0.0
-20		0.0	0.1	0.1	0.3	0.8	4.0	10.0	10.0	4.0	0.8	0.3	0.1	0.1	0.0	
-30	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.8	0.8	0.5	0.3	0.2	0.1	0.1	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	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															
-80	0.0															
-90	0.0															

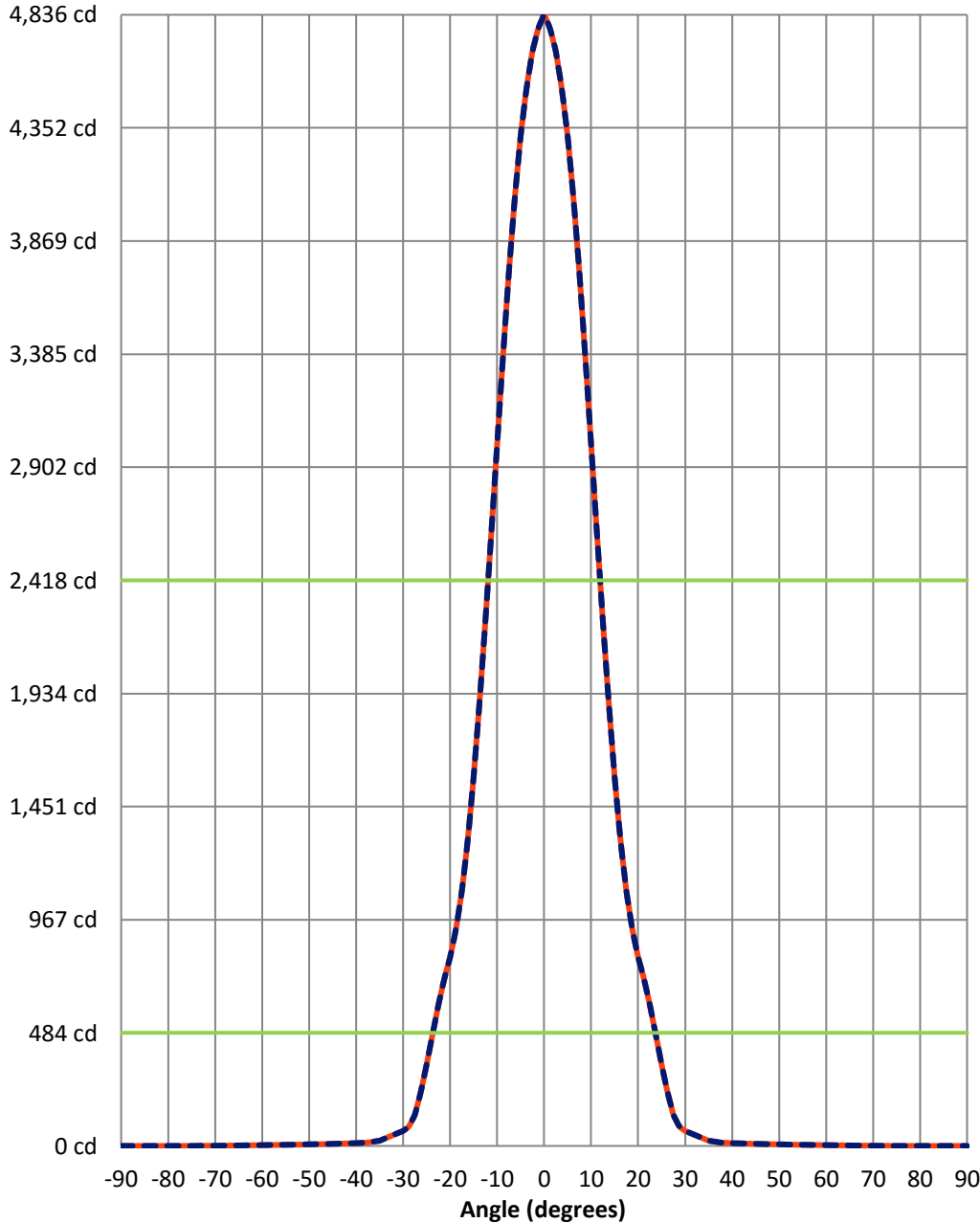
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.8°  
 V Angle: 23.8°  
 Lumens: 473  
 Efficiency: 46.9%

**Field:**  
 H Angle: 47.3°  
 V Angle: 47.3°  
 Lumens: 908.3  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 99.5  
 Efficiency: 9.9%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	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	6
18.75°	2	3	3	3	4	4	4	5	5	5	6
17.5°	2	3	3	3	4	4	4	5	5	5	6
16.25°	2	3	3	3	4	4	4	5	5	5	6
15°	3	3	3	4	4	4	5	5	5	6	6
13.75°	3	3	3	4	4	4	5	5	5	6	6
12.5°	3	3	3	4	4	4	5	5	5	6	6
11.25°	3	3	3	4	4	4	5	5	5	6	6
10°	3	3	3	4	4	4	5	5	5	6	7
8.75°	3	3	3	4	4	4	5	5	5	6	7
7.5°	3	3	3	4	4	4	5	5	5	6	7
6.25°	3	3	3	4	4	4	5	5	6	6	7
5°	3	3	3	4	4	5	5	5	6	6	7
3.75°	3	3	3	4	4	5	5	5	6	6	7
2.5°	3	3	3	4	4	5	5	5	6	6	7
1.25°	3	3	3	4	4	5	5	5	6	6	7
0°	3	3	4	4	4	5	5	5	6	6	7
-1.25°	3	3	3	4	4	5	5	5	6	6	7
-2.5°	3	3	3	4	4	5	5	5	6	6	7
-3.75°	3	3	3	4	4	5	5	5	6	6	7
-5°	3	3	3	4	4	5	5	5	6	6	7
-6.25°	3	3	3	4	4	4	5	5	6	6	7
-7.5°	3	3	3	4	4	4	5	5	5	6	7
-8.75°	3	3	3	4	4	4	5	5	5	6	7
-10°	3	3	3	4	4	4	5	5	5	6	7
-11.25°	3	3	3	4	4	4	5	5	5	6	6
-12.5°	3	3	3	4	4	4	5	5	5	6	6
-13.75°	3	3	3	4	4	4	5	5	5	6	6
-15°	3	3	3	4	4	4	5	5	5	6	6
-16.25°	2	3	3	3	4	4	4	5	5	5	6
-17.5°	2	3	3	3	4	4	4	5	5	5	6
-18.75°	2	3	3	3	4	4	4	5	5	5	6
-20°	2	3	3	3	4	4	4	5	5	5	6
-21.25°	2	3	3	3	4	4	4	4	5	5	5





REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	6
40°	4	4	4	4	5	5	5	5	5	6	6
38.75°	4	4	4	4	5	5	5	5	6	6	6
37.5°	4	4	4	5	5	5	5	6	6	6	7
36.25°	4	4	5	5	5	5	6	6	6	7	7
35°	4	5	5	5	5	6	6	6	7	7	7



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	6	6	7	7	8	8	9	9	10	10	11
-23.75°	5	6	7	7	7	8	8	9	9	10	11
-25°	5	6	6	7	7	8	8	9	9	10	10
-26.25°	5	6	6	7	7	7	8	8	9	9	10
-27.5°	5	5	6	6	7	7	8	8	8	9	9
-28.75°	5	5	6	6	7	7	7	8	8	9	9
-30°	5	5	5	6	6	7	7	7	8	8	9
-31.25°	5	5	5	6	6	6	7	7	8	8	8
-32.5°	5	5	5	5	6	6	7	7	7	8	8
-33.75°	4	5	5	5	5	6	6	7	7	7	8
-35°	4	5	5	5	5	6	6	6	7	7	7
-36.25°	4	4	5	5	5	5	6	6	6	7	7
-37.5°	4	4	4	5	5	5	5	6	6	6	7
-38.75°	4	4	4	4	5	5	5	5	6	6	6
-40°	4	4	4	4	5	5	5	5	5	6	6
-41.25°	3	4	4	4	4	5	5	5	5	5	6
-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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	6
47.5°	5	5	5	5	5	5	5	6	6	6	6
46.25°	5	5	5	5	5	6	6	6	6	7	7
45°	5	5	5	6	6	6	6	7	7	7	7
43.75°	5	5	6	6	6	7	7	7	7	7	8
42.5°	6	6	6	6	7	7	7	7	8	8	8
41.25°	6	6	7	7	7	7	8	8	8	8	9
40°	6	7	7	7	7	8	8	8	9	9	9
38.75°	7	7	7	8	8	8	8	9	9	9	10
37.5°	7	7	8	8	8	9	9	9	10	10	10
36.25°	7	8	8	8	9	9	9	10	10	11	11
35°	8	8	8	9	9	10	10	10	11	11	11



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	8	8	9	9	10	10	11	11	11	12	12
32.5°	8	9	9	10	10	11	11	11	12	12	13
31.25°	9	9	10	10	11	11	12	12	13	14	14
30°	9	10	10	11	11	12	12	13	14	15	17
28.75°	10	10	11	11	12	12	13	14	15	17	20
27.5°	10	11	11	12	12	13	14	15	18	20	23
26.25°	10	11	11	12	13	14	15	18	20	24	30
25°	11	11	12	13	14	15	18	20	24	31	38
23.75°	11	12	12	14	15	17	20	24	31	38	45
22.5°	11	12	13	14	17	20	23	30	38	45	53
21.25°	12	13	14	16	19	22	29	37	45	52	60
20°	12	13	15	18	21	26	35	43	51	59	67
18.75°	13	14	16	19	23	32	40	49	57	65	76
17.5°	13	15	18	21	28	37	46	54	63	73	97
16.25°	14	16	20	24	33	42	51	60	70	89	134
15°	14	18	21	28	37	47	56	65	78	112	180
13.75°	15	19	22	32	41	51	60	71	95	150	235
12.5°	17	20	26	36	45	55	64	79	117	193	292
11.25°	18	21	29	39	49	58	69	92	148	239	346
10°	19	22	32	42	52	62	74	106	181	284	398
8.75°	20	25	35	45	55	65	82	130	217	327	444
7.5°	20	27	37	47	57	68	92	150	248	364	486
6.25°	21	29	39	49	59	71	99	170	278	398	521
5°	21	30	41	51	61	74	109	191	303	426	551
3.75°	22	31	42	52	63	76	120	208	323	448	573
2.5°	22	32	43	53	64	80	128	220	337	463	589
1.25°	22	33	43	54	64	82	132	227	345	473	599
0°	22	33	43	54	64	83	134	229	348	476	602
-1.25°	22	33	43	54	64	82	132	227	345	473	599
-2.5°	22	32	43	53	64	80	128	220	337	463	589
-3.75°	22	31	42	52	63	76	120	208	323	448	573
-5°	21	30	41	51	61	74	109	191	303	426	551
-6.25°	21	29	39	49	59	71	99	170	278	398	521
-7.5°	20	27	37	47	57	68	92	150	248	364	486
-8.75°	20	25	35	45	55	65	82	130	217	327	444
-10°	19	22	32	42	52	62	74	106	181	284	398
-11.25°	18	21	29	39	49	58	69	92	148	239	346
-12.5°	17	20	26	36	45	55	64	79	117	193	292
-13.75°	15	19	22	32	41	51	60	71	95	150	235
-15°	14	18	21	28	37	47	56	65	78	112	180
-16.25°	14	16	20	24	33	42	51	60	70	89	134
-17.5°	13	15	18	21	28	37	46	54	63	73	97
-18.75°	13	14	16	19	23	32	40	49	57	65	76
-20°	12	13	15	18	21	26	35	43	51	59	67
-21.25°	12	13	14	16	19	22	29	37	45	52	60





REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	11	12	13	14	17	20	23	30	38	45	53
-23.75°	11	12	12	14	15	17	20	24	31	38	45
-25°	11	11	12	13	14	15	18	20	24	31	38
-26.25°	10	11	11	12	13	14	15	18	20	24	30
-27.5°	10	11	11	12	12	13	14	15	18	20	23
-28.75°	10	10	11	11	12	12	13	14	15	17	20
-30°	9	10	10	11	11	12	12	13	14	15	17
-31.25°	9	9	10	10	11	11	12	12	13	14	14
-32.5°	8	9	9	10	10	11	11	11	12	12	13
-33.75°	8	8	9	9	10	10	11	11	11	12	12
-35°	8	8	8	9	9	10	10	10	11	11	11
-36.25°	7	8	8	8	9	9	9	10	10	11	11
-37.5°	7	7	8	8	8	9	9	9	10	10	10
-38.75°	7	7	7	8	8	8	8	9	9	9	10
-40°	6	7	7	7	7	8	8	8	9	9	9
-41.25°	6	6	7	7	7	7	8	8	8	8	9
-42.5°	6	6	6	6	7	7	7	7	8	8	8
-43.75°	5	5	6	6	6	7	7	7	7	7	8
-45°	5	5	5	6	6	6	6	7	7	7	7
-46.25°	5	5	5	5	5	6	6	6	6	7	7
-47.5°	5	5	5	5	5	5	5	6	6	6	6
-48.75°	4	4	5	5	5	5	5	5	5	5	6
-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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	6	6	6	6	6	6
50°	5	6	6	6	6	6	6	6	6	7	7
48.75°	6	6	6	6	7	7	7	7	7	7	7
47.5°	6	7	7	7	7	7	7	7	7	7	8
46.25°	7	7	7	7	7	8	8	8	8	8	8
45°	7	7	8	8	8	8	8	8	8	9	9
43.75°	8	8	8	8	8	9	9	9	9	9	9
42.5°	8	8	9	9	9	9	10	10	10	10	10
41.25°	9	9	9	10	10	10	10	10	11	11	11
40°	9	10	10	10	10	11	11	11	11	11	11
38.75°	10	10	11	11	11	11	11	12	12	12	12
37.5°	11	11	11	11	12	12	12	13	13	13	14
36.25°	11	11	12	12	13	13	14	14	14	15	16
35°	12	12	13	13	14	14	15	17	18	19	20



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	13	13	14	15	16	18	19	20	21	22	25
32.5°	14	15	16	18	20	21	22	26	29	32	35
31.25°	16	18	19	21	24	28	32	36	39	42	45
30°	19	21	23	28	33	37	41	45	49	52	55
28.75°	22	26	32	37	42	47	51	55	58	62	65
27.5°	29	35	40	46	51	56	60	64	69	74	82
26.25°	37	43	49	54	60	65	71	79	92	106	130
25°	45	51	57	63	70	78	95	117	148	181	217
23.75°	52	59	65	73	89	112	150	193	239	284	327
22.5°	60	67	76	97	134	180	235	292	346	398	444
21.25°	68	79	102	148	206	270	335	399	458	513	563
20°	79	104	155	222	294	367	439	507	570	625	672
18.75°	102	155	227	306	387	467	542	611	672	721	762
17.5°	148	222	306	394	480	563	640	702	756	802	852
16.25°	206	294	387	480	570	654	721	779	836	896	968
15°	270	367	467	563	654	727	790	858	935	1021	1118
13.75°	335	439	542	640	721	790	865	956	1061	1176	1304
12.5°	399	507	611	702	779	858	956	1074	1211	1360	1529
11.25°	458	570	672	756	836	935	1061	1211	1383	1576	1772
10°	513	625	721	802	896	1021	1176	1360	1576	1799	2029
8.75°	563	672	762	852	968	1118	1304	1529	1772	2029	2287
7.5°	605	709	797	897	1037	1215	1436	1690	1964	2250	2538
6.25°	641	741	832	950	1108	1310	1560	1839	2143	2455	2772
5°	668	765	862	994	1169	1398	1674	1977	2302	2640	2977
3.75°	688	783	887	1033	1228	1476	1766	2088	2433	2792	3147
2.5°	702	797	907	1065	1270	1532	1834	2173	2533	2905	3273
1.25°	711	805	921	1084	1296	1567	1879	2226	2595	2975	3351
0°	714	808	926	1090	1305	1578	1894	2244	2615	2998	3377
-1.25°	711	805	921	1084	1296	1567	1879	2226	2595	2975	3351
-2.5°	702	797	907	1065	1270	1532	1834	2173	2533	2905	3273
-3.75°	688	783	887	1033	1228	1476	1766	2088	2433	2792	3147
-5°	668	765	862	994	1169	1398	1674	1977	2302	2640	2977
-6.25°	641	741	832	950	1108	1310	1560	1839	2143	2455	2772
-7.5°	605	709	797	897	1037	1215	1436	1690	1964	2250	2538
-8.75°	563	672	762	852	968	1118	1304	1529	1772	2029	2287
-10°	513	625	721	802	896	1021	1176	1360	1576	1799	2029
-11.25°	458	570	672	756	836	935	1061	1211	1383	1576	1772
-12.5°	399	507	611	702	779	858	956	1074	1211	1360	1529
-13.75°	335	439	542	640	721	790	865	956	1061	1176	1304
-15°	270	367	467	563	654	727	790	858	935	1021	1118
-16.25°	206	294	387	480	570	654	721	779	836	896	968
-17.5°	148	222	306	394	480	563	640	702	756	802	852
-18.75°	102	155	227	306	387	467	542	611	672	721	762
-20°	79	104	155	222	294	367	439	507	570	625	672
-21.25°	68	79	102	148	206	270	335	399	458	513	563



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	60	67	76	97	134	180	235	292	346	398	444
-23.75°	52	59	65	73	89	112	150	193	239	284	327
-25°	45	51	57	63	70	78	95	117	148	181	217
-26.25°	37	43	49	54	60	65	71	79	92	106	130
-27.5°	29	35	40	46	51	56	60	64	69	74	82
-28.75°	22	26	32	37	42	47	51	55	58	62	65
-30°	19	21	23	28	33	37	41	45	49	52	55
-31.25°	16	18	19	21	24	28	32	36	39	42	45
-32.5°	14	15	16	18	20	21	22	26	29	32	35
-33.75°	13	13	14	15	16	18	19	20	21	22	25
-35°	12	12	13	13	14	14	15	17	18	19	20
-36.25°	11	11	12	12	13	13	14	14	14	15	16
-37.5°	11	11	11	11	12	12	12	13	13	13	14
-38.75°	10	10	11	11	11	11	11	12	12	12	12
-40°	9	10	10	10	10	11	11	11	11	11	11
-41.25°	9	9	9	10	10	10	10	10	11	11	11
-42.5°	8	8	9	9	9	9	10	10	10	10	10
-43.75°	8	8	8	8	8	9	9	9	9	9	9
-45°	7	7	8	8	8	8	8	8	8	9	9
-46.25°	7	7	7	7	7	8	8	8	8	8	8
-47.5°	6	7	7	7	7	7	7	7	7	7	8
-48.75°	6	6	6	6	7	7	7	7	7	7	7
-50°	5	6	6	6	6	6	6	6	6	7	7
-51.25°	5	5	5	5	5	6	6	6	6	6	6
-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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	7	7	7	7	7	7	7	7	7	7	7
48.75°	7	7	7	7	7	7	7	7	7	7	7
47.5°	8	8	8	8	8	8	8	8	8	8	8
46.25°	8	8	8	8	8	8	8	8	8	8	8
45°	9	9	9	9	9	9	9	9	9	9	9
43.75°	10	10	10	10	10	10	10	10	10	10	10
42.5°	10	10	10	10	10	10	11	10	10	10	10
41.25°	11	11	11	11	11	11	11	11	11	11	11
40°	12	12	12	12	12	12	12	12	12	12	12
38.75°	13	13	13	13	13	13	13	13	13	13	13
37.5°	14	14	14	15	15	15	15	15	15	15	14
36.25°	17	17	18	18	18	18	19	18	18	18	18
35°	20	21	21	22	22	22	22	22	22	22	21

REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	27	29	30	31	32	33	33	33	32	31	30
32.5°	37	39	41	42	43	43	43	43	43	42	41
31.25°	47	49	51	52	53	54	54	54	53	52	51
30°	57	59	61	63	64	64	64	64	64	63	61
28.75°	68	71	74	76	80	82	83	82	80	76	74
27.5°	92	99	109	120	128	132	134	132	128	120	109
26.25°	150	170	191	208	220	227	229	227	220	208	191
25°	248	278	303	323	337	345	348	345	337	323	303
23.75°	364	398	426	448	463	473	476	473	463	448	426
22.5°	486	521	551	573	589	599	602	599	589	573	551
21.25°	605	641	668	688	702	711	714	711	702	688	668
20°	709	741	765	783	797	805	808	805	797	783	765
18.75°	797	832	862	887	907	921	926	921	907	887	862
17.5°	897	950	994	1033	1065	1084	1090	1084	1065	1033	994
16.25°	1037	1108	1169	1228	1270	1296	1305	1296	1270	1228	1169
15°	1215	1310	1398	1476	1532	1567	1578	1567	1532	1476	1398
13.75°	1436	1560	1674	1766	1834	1879	1894	1879	1834	1766	1674
12.5°	1690	1839	1977	2088	2173	2226	2244	2226	2173	2088	1977
11.25°	1964	2143	2302	2433	2533	2595	2615	2595	2533	2433	2302
10°	2250	2455	2640	2792	2905	2975	2998	2975	2905	2792	2640
8.75°	2538	2772	2977	3147	3273	3351	3377	3351	3273	3147	2977
7.5°	2817	3074	3301	3486	3625	3707	3735	3707	3625	3486	3301
6.25°	3074	3353	3600	3794	3937	4022	4052	4022	3937	3794	3600
5°	3301	3600	3854	4053	4197	4286	4317	4286	4197	4053	3854
3.75°	3486	3794	4053	4255	4402	4495	4523	4495	4402	4255	4053
2.5°	3625	3937	4197	4402	4553	4648	4678	4648	4553	4402	4197
1.25°	3707	4022	4286	4495	4648	4744	4780	4744	4648	4495	4286
0°	3735	4052	4317	4523	4678	4780	4836	4780	4678	4523	4317
-1.25°	3707	4022	4286	4495	4648	4744	4780	4744	4648	4495	4286
-2.5°	3625	3937	4197	4402	4553	4648	4678	4648	4553	4402	4197
-3.75°	3486	3794	4053	4255	4402	4495	4523	4495	4402	4255	4053
-5°	3301	3600	3854	4053	4197	4286	4317	4286	4197	4053	3854
-6.25°	3074	3353	3600	3794	3937	4022	4052	4022	3937	3794	3600
-7.5°	2817	3074	3301	3486	3625	3707	3735	3707	3625	3486	3301
-8.75°	2538	2772	2977	3147	3273	3351	3377	3351	3273	3147	2977
-10°	2250	2455	2640	2792	2905	2975	2998	2975	2905	2792	2640
-11.25°	1964	2143	2302	2433	2533	2595	2615	2595	2533	2433	2302
-12.5°	1690	1839	1977	2088	2173	2226	2244	2226	2173	2088	1977
-13.75°	1436	1560	1674	1766	1834	1879	1894	1879	1834	1766	1674
-15°	1215	1310	1398	1476	1532	1567	1578	1567	1532	1476	1398
-16.25°	1037	1108	1169	1228	1270	1296	1305	1296	1270	1228	1169
-17.5°	897	950	994	1033	1065	1084	1090	1084	1065	1033	994
-18.75°	797	832	862	887	907	921	926	921	907	887	862
-20°	709	741	765	783	797	805	808	805	797	783	765
-21.25°	605	641	668	688	702	711	714	711	702	688	668





REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	486	521	551	573	589	599	602	599	589	573	551
-23.75°	364	398	426	448	463	473	476	473	463	448	426
-25°	248	278	303	323	337	345	348	345	337	323	303
-26.25°	150	170	191	208	220	227	229	227	220	208	191
-27.5°	92	99	109	120	128	132	134	132	128	120	109
-28.75°	68	71	74	76	80	82	83	82	80	76	74
-30°	57	59	61	63	64	64	64	64	64	63	61
-31.25°	47	49	51	52	53	54	54	54	53	52	51
-32.5°	37	39	41	42	43	43	43	43	43	42	41
-33.75°	27	29	30	31	32	33	33	33	32	31	30
-35°	20	21	21	22	22	22	22	22	22	22	21
-36.25°	17	17	18	18	18	18	19	18	18	18	18
-37.5°	14	14	14	15	15	15	15	15	15	15	14
-38.75°	13	13	13	13	13	13	13	13	13	13	13
-40°	12	12	12	12	12	12	12	12	12	12	12
-41.25°	11	11	11	11	11	11	11	11	11	11	11
-42.5°	10	10	10	10	10	10	11	10	10	10	10
-43.75°	10	10	10	10	10	10	10	10	10	10	10
-45°	9	9	9	9	9	9	9	9	9	9	9
-46.25°	8	8	8	8	8	8	8	8	8	8	8
-47.5°	8	8	8	8	8	8	8	8	8	8	8
-48.75°	7	7	7	7	7	7	7	7	7	7	7
-50°	7	7	7	7	7	7	7	7	7	7	7
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	5	6	6	6	6	6	6	6	6	6	6
-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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	6	5	5	5	5	5	5	5	5	5	5
51.25°	6	6	6	6	6	6	6	6	5	5	5
50°	7	7	7	7	6	6	6	6	6	6	6
48.75°	7	7	7	7	7	7	7	7	7	6	6
47.5°	8	8	8	7	7	7	7	7	7	7	7
46.25°	8	8	8	8	8	8	8	8	7	7	7
45°	9	9	9	9	8	8	8	8	8	8	8
43.75°	10	10	9	9	9	9	9	9	8	8	8
42.5°	10	10	10	10	10	10	10	9	9	9	9
41.25°	11	11	11	11	11	10	10	10	10	10	9
40°	12	12	11	11	11	11	11	11	10	10	10
38.75°	13	13	12	12	12	12	11	11	11	11	11
37.5°	14	14	14	13	13	13	12	12	12	11	11
36.25°	17	17	16	15	14	14	14	13	13	12	12
35°	21	20	20	19	18	17	15	14	14	13	13



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	29	27	25	22	21	20	19	18	16	15	14
32.5°	39	37	35	32	29	26	22	21	20	18	16
31.25°	49	47	45	42	39	36	32	28	24	21	19
30°	59	57	55	52	49	45	41	37	33	28	23
28.75°	71	68	65	62	58	55	51	47	42	37	32
27.5°	99	92	82	74	69	64	60	56	51	46	40
26.25°	170	150	130	106	92	79	71	65	60	54	49
25°	278	248	217	181	148	117	95	78	70	63	57
23.75°	398	364	327	284	239	193	150	112	89	73	65
22.5°	521	486	444	398	346	292	235	180	134	97	76
21.25°	641	605	563	513	458	399	335	270	206	148	102
20°	741	709	672	625	570	507	439	367	294	222	155
18.75°	832	797	762	721	672	611	542	467	387	306	227
17.5°	950	897	852	802	756	702	640	563	480	394	306
16.25°	1108	1037	968	896	836	779	721	654	570	480	387
15°	1310	1215	1118	1021	935	858	790	727	654	563	467
13.75°	1560	1436	1304	1176	1061	956	865	790	721	640	542
12.5°	1839	1690	1529	1360	1211	1074	956	858	779	702	611
11.25°	2143	1964	1772	1576	1383	1211	1061	935	836	756	672
10°	2455	2250	2029	1799	1576	1360	1176	1021	896	802	721
8.75°	2772	2538	2287	2029	1772	1529	1304	1118	968	852	762
7.5°	3074	2817	2538	2250	1964	1690	1436	1215	1037	897	797
6.25°	3353	3074	2772	2455	2143	1839	1560	1310	1108	950	832
5°	3600	3301	2977	2640	2302	1977	1674	1398	1169	994	862
3.75°	3794	3486	3147	2792	2433	2088	1766	1476	1228	1033	887
2.5°	3937	3625	3273	2905	2533	2173	1834	1532	1270	1065	907
1.25°	4022	3707	3351	2975	2595	2226	1879	1567	1296	1084	921
0°	4052	3735	3377	2998	2615	2244	1894	1578	1305	1090	926
-1.25°	4022	3707	3351	2975	2595	2226	1879	1567	1296	1084	921
-2.5°	3937	3625	3273	2905	2533	2173	1834	1532	1270	1065	907
-3.75°	3794	3486	3147	2792	2433	2088	1766	1476	1228	1033	887
-5°	3600	3301	2977	2640	2302	1977	1674	1398	1169	994	862
-6.25°	3353	3074	2772	2455	2143	1839	1560	1310	1108	950	832
-7.5°	3074	2817	2538	2250	1964	1690	1436	1215	1037	897	797
-8.75°	2772	2538	2287	2029	1772	1529	1304	1118	968	852	762
-10°	2455	2250	2029	1799	1576	1360	1176	1021	896	802	721
-11.25°	2143	1964	1772	1576	1383	1211	1061	935	836	756	672
-12.5°	1839	1690	1529	1360	1211	1074	956	858	779	702	611
-13.75°	1560	1436	1304	1176	1061	956	865	790	721	640	542
-15°	1310	1215	1118	1021	935	858	790	727	654	563	467
-16.25°	1108	1037	968	896	836	779	721	654	570	480	387
-17.5°	950	897	852	802	756	702	640	563	480	394	306
-18.75°	832	797	762	721	672	611	542	467	387	306	227
-20°	741	709	672	625	570	507	439	367	294	222	155
-21.25°	641	605	563	513	458	399	335	270	206	148	102



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	521	486	444	398	346	292	235	180	134	97	76
-23.75°	398	364	327	284	239	193	150	112	89	73	65
-25°	278	248	217	181	148	117	95	78	70	63	57
-26.25°	170	150	130	106	92	79	71	65	60	54	49
-27.5°	99	92	82	74	69	64	60	56	51	46	40
-28.75°	71	68	65	62	58	55	51	47	42	37	32
-30°	59	57	55	52	49	45	41	37	33	28	23
-31.25°	49	47	45	42	39	36	32	28	24	21	19
-32.5°	39	37	35	32	29	26	22	21	20	18	16
-33.75°	29	27	25	22	21	20	19	18	16	15	14
-35°	21	20	20	19	18	17	15	14	14	13	13
-36.25°	17	17	16	15	14	14	14	13	13	12	12
-37.5°	14	14	14	13	13	13	12	12	12	11	11
-38.75°	13	13	12	12	12	12	11	11	11	11	11
-40°	12	12	11	11	11	11	11	11	10	10	10
-41.25°	11	11	11	11	11	10	10	10	10	10	9
-42.5°	10	10	10	10	10	10	10	9	9	9	9
-43.75°	10	10	9	9	9	9	9	9	8	8	8
-45°	9	9	9	9	8	8	8	8	8	8	8
-46.25°	8	8	8	8	8	8	8	8	7	7	7
-47.5°	8	8	8	7	7	7	7	7	7	7	7
-48.75°	7	7	7	7	7	7	7	7	7	6	6
-50°	7	7	7	7	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	5	5	5
-52.5°	6	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	6	5	5	5	5	5	5	5	5	4	4
48.75°	6	6	6	5	5	5	5	5	5	5	5
47.5°	7	6	6	6	6	6	5	5	5	5	5
46.25°	7	7	7	7	6	6	6	6	5	5	5
45°	7	7	7	7	7	7	6	6	6	6	5
43.75°	8	8	8	7	7	7	7	7	6	6	6
42.5°	8	8	8	8	8	7	7	7	7	6	6
41.25°	9	9	9	8	8	8	8	7	7	7	7
40°	10	9	9	9	9	8	8	8	7	7	7
38.75°	10	10	10	9	9	9	8	8	8	8	7
37.5°	11	11	10	10	10	9	9	9	8	8	8
36.25°	11	11	11	11	10	10	9	9	9	8	8
35°	12	12	11	11	11	10	10	10	9	9	8



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	13	13	12	12	11	11	11	10	10	9	9
32.5°	15	14	13	12	12	11	11	11	10	10	9
31.25°	18	16	14	14	13	12	12	11	11	10	10
30°	21	19	17	15	14	13	12	12	11	11	10
28.75°	26	22	20	17	15	14	13	12	12	11	11
27.5°	35	29	23	20	18	15	14	13	12	12	11
26.25°	43	37	30	24	20	18	15	14	13	12	11
25°	51	45	38	31	24	20	18	15	14	13	12
23.75°	59	52	45	38	31	24	20	17	15	14	12
22.5°	67	60	53	45	38	30	23	20	17	14	13
21.25°	79	68	60	52	45	37	29	22	19	16	14
20°	104	79	67	59	51	43	35	26	21	18	15
18.75°	155	102	76	65	57	49	40	32	23	19	16
17.5°	222	148	97	73	63	54	46	37	28	21	18
16.25°	294	206	134	89	70	60	51	42	33	24	20
15°	367	270	180	112	78	65	56	47	37	28	21
13.75°	439	335	235	150	95	71	60	51	41	32	22
12.5°	507	399	292	193	117	79	64	55	45	36	26
11.25°	570	458	346	239	148	92	69	58	49	39	29
10°	625	513	398	284	181	106	74	62	52	42	32
8.75°	672	563	444	327	217	130	82	65	55	45	35
7.5°	709	605	486	364	248	150	92	68	57	47	37
6.25°	741	641	521	398	278	170	99	71	59	49	39
5°	765	668	551	426	303	191	109	74	61	51	41
3.75°	783	688	573	448	323	208	120	76	63	52	42
2.5°	797	702	589	463	337	220	128	80	64	53	43
1.25°	805	711	599	473	345	227	132	82	64	54	43
0°	808	714	602	476	348	229	134	83	64	54	43
-1.25°	805	711	599	473	345	227	132	82	64	54	43
-2.5°	797	702	589	463	337	220	128	80	64	53	43
-3.75°	783	688	573	448	323	208	120	76	63	52	42
-5°	765	668	551	426	303	191	109	74	61	51	41
-6.25°	741	641	521	398	278	170	99	71	59	49	39
-7.5°	709	605	486	364	248	150	92	68	57	47	37
-8.75°	672	563	444	327	217	130	82	65	55	45	35
-10°	625	513	398	284	181	106	74	62	52	42	32
-11.25°	570	458	346	239	148	92	69	58	49	39	29
-12.5°	507	399	292	193	117	79	64	55	45	36	26
-13.75°	439	335	235	150	95	71	60	51	41	32	22
-15°	367	270	180	112	78	65	56	47	37	28	21
-16.25°	294	206	134	89	70	60	51	42	33	24	20
-17.5°	222	148	97	73	63	54	46	37	28	21	18
-18.75°	155	102	76	65	57	49	40	32	23	19	16
-20°	104	79	67	59	51	43	35	26	21	18	15
-21.25°	79	68	60	52	45	37	29	22	19	16	14





REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	67	60	53	45	38	30	23	20	17	14	13
-23.75°	59	52	45	38	31	24	20	17	15	14	12
-25°	51	45	38	31	24	20	18	15	14	13	12
-26.25°	43	37	30	24	20	18	15	14	13	12	11
-27.5°	35	29	23	20	18	15	14	13	12	12	11
-28.75°	26	22	20	17	15	14	13	12	12	11	11
-30°	21	19	17	15	14	13	12	12	11	11	10
-31.25°	18	16	14	14	13	12	12	11	11	10	10
-32.5°	15	14	13	12	12	11	11	11	10	10	9
-33.75°	13	13	12	12	11	11	11	10	10	9	9
-35°	12	12	11	11	11	10	10	10	9	9	8
-36.25°	11	11	11	11	10	10	9	9	9	8	8
-37.5°	11	11	10	10	10	9	9	9	8	8	8
-38.75°	10	10	10	9	9	9	8	8	8	8	7
-40°	10	9	9	9	9	8	8	8	7	7	7
-41.25°	9	9	9	8	8	8	8	7	7	7	7
-42.5°	8	8	8	8	8	7	7	7	7	6	6
-43.75°	8	8	8	7	7	7	7	7	6	6	6
-45°	7	7	7	7	7	7	6	6	6	6	5
-46.25°	7	7	7	7	6	6	6	6	5	5	5
-47.5°	7	6	6	6	6	6	5	5	5	5	5
-48.75°	6	6	6	5	5	5	5	5	5	5	5
-50°	6	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	6	6	5	5	5	5	5	4	4	4	4
41.25°	6	6	6	5	5	5	5	5	4	4	4
40°	7	6	6	6	5	5	5	5	5	4	4
38.75°	7	7	6	6	6	5	5	5	5	4	4
37.5°	7	7	7	6	6	6	5	5	5	5	4
36.25°	8	7	7	7	6	6	6	5	5	5	5
35°	8	8	7	7	7	6	6	6	5	5	5



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	8	8	8	7	7	7	6	6	5	5	5
32.5°	9	8	8	8	7	7	7	6	6	5	5
31.25°	9	9	8	8	8	7	7	6	6	6	5
30°	10	9	9	8	8	7	7	7	6	6	5
28.75°	10	10	9	9	8	8	7	7	7	6	6
27.5°	11	10	9	9	8	8	8	7	7	6	6
26.25°	11	10	10	9	9	8	8	7	7	7	6
25°	11	11	10	10	9	9	8	8	7	7	6
23.75°	12	11	11	10	9	9	8	8	7	7	7
22.5°	12	11	11	10	10	9	9	8	8	7	7
21.25°	13	12	11	11	10	9	9	8	8	7	7
20°	13	12	11	11	10	10	9	8	8	7	7
18.75°	14	13	12	11	11	10	9	9	8	8	7
17.5°	15	13	12	11	11	10	10	9	8	8	7
16.25°	16	14	13	12	11	10	10	9	8	8	7
15°	18	14	13	12	11	11	10	9	9	8	8
13.75°	19	15	14	12	11	11	10	10	9	8	8
12.5°	20	17	14	13	12	11	10	10	9	8	8
11.25°	21	18	14	13	12	11	11	10	9	8	8
10°	22	19	15	13	12	11	11	10	9	9	8
8.75°	25	20	16	14	12	11	11	10	9	9	8
7.5°	27	20	17	14	13	12	11	10	10	9	8
6.25°	29	21	17	14	13	12	11	10	10	9	8
5°	30	21	18	14	13	12	11	10	10	9	8
3.75°	31	22	18	15	13	12	11	10	10	9	8
2.5°	32	22	18	15	13	12	11	10	10	9	8
1.25°	33	22	18	15	13	12	11	10	10	9	8
0°	33	22	19	15	13	12	11	11	10	9	8
-1.25°	33	22	18	15	13	12	11	10	10	9	8
-2.5°	32	22	18	15	13	12	11	10	10	9	8
-3.75°	31	22	18	15	13	12	11	10	10	9	8
-5°	30	21	18	14	13	12	11	10	10	9	8
-6.25°	29	21	17	14	13	12	11	10	10	9	8
-7.5°	27	20	17	14	13	12	11	10	10	9	8
-8.75°	25	20	16	14	12	11	11	10	9	9	8
-10°	22	19	15	13	12	11	11	10	9	9	8
-11.25°	21	18	14	13	12	11	11	10	9	8	8
-12.5°	20	17	14	13	12	11	10	10	9	8	8
-13.75°	19	15	14	12	11	11	10	10	9	8	8
-15°	18	14	13	12	11	11	10	9	9	8	8
-16.25°	16	14	13	12	11	10	10	9	8	8	7
-17.5°	15	13	12	11	11	10	10	9	8	8	7
-18.75°	14	13	12	11	11	10	9	9	8	8	7
-20°	13	12	11	11	10	10	9	8	8	7	7
-21.25°	13	12	11	11	10	9	9	8	8	7	7



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	12	11	11	10	10	9	9	8	8	7	7
-23.75°	12	11	11	10	9	9	8	8	7	7	7
-25°	11	11	10	10	9	9	8	8	7	7	6
-26.25°	11	10	10	9	9	8	8	7	7	7	6
-27.5°	11	10	9	9	8	8	8	7	7	6	6
-28.75°	10	10	9	9	8	8	7	7	7	6	6
-30°	10	9	9	8	8	7	7	7	6	6	5
-31.25°	9	9	8	8	8	7	7	6	6	6	5
-32.5°	9	8	8	8	7	7	7	6	6	5	5
-33.75°	8	8	8	7	7	7	6	6	5	5	5
-35°	8	8	7	7	7	6	6	6	5	5	5
-36.25°	8	7	7	7	6	6	6	5	5	5	5
-37.5°	7	7	7	6	6	6	5	5	5	5	4
-38.75°	7	7	6	6	6	5	5	5	5	4	4
-40°	7	6	6	6	5	5	5	5	5	4	4
-41.25°	6	6	6	5	5	5	5	5	4	4	4
-42.5°	6	6	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	5	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°	6	5	5	5	4	4	4	3	3	3	3
25°	6	5	5	5	4	4	4	4	3	3	3
23.75°	6	5	5	5	5	4	4	4	3	3	3
22.5°	6	6	5	5	5	4	4	4	3	3	3
21.25°	6	6	5	5	5	4	4	4	4	3	3
20°	7	6	6	5	5	5	4	4	4	3	3
18.75°	7	6	6	5	5	5	4	4	4	3	3
17.5°	7	6	6	5	5	5	4	4	4	3	3
16.25°	7	7	6	5	5	5	4	4	4	3	3
15°	7	7	6	6	5	5	5	4	4	4	3
13.75°	7	7	6	6	5	5	5	4	4	4	3
12.5°	7	7	6	6	5	5	5	4	4	4	3
11.25°	7	7	6	6	5	5	5	4	4	4	3
10°	7	7	7	6	5	5	5	4	4	4	3
8.75°	8	7	7	6	5	5	5	4	4	4	3
7.5°	8	7	7	6	5	5	5	4	4	4	3
6.25°	8	7	7	6	6	5	5	4	4	4	3
5°	8	7	7	6	6	5	5	5	4	4	3
3.75°	8	7	7	6	6	5	5	5	4	4	3
2.5°	8	7	7	6	6	5	5	5	4	4	3
1.25°	8	7	7	6	6	5	5	5	4	4	3
0°	8	7	7	6	6	5	5	5	4	4	3
-1.25°	8	7	7	6	6	5	5	5	4	4	3
-2.5°	8	7	7	6	6	5	5	5	4	4	3
-3.75°	8	7	7	6	6	5	5	5	4	4	3
-5°	8	7	7	6	6	5	5	5	4	4	3
-6.25°	8	7	7	6	6	5	5	4	4	4	3
-7.5°	8	7	7	6	5	5	5	4	4	4	3
-8.75°	8	7	7	6	5	5	5	4	4	4	3
-10°	7	7	7	6	5	5	5	4	4	4	3
-11.25°	7	7	6	6	5	5	5	4	4	4	3
-12.5°	7	7	6	6	5	5	5	4	4	4	3
-13.75°	7	7	6	6	5	5	5	4	4	4	3
-15°	7	7	6	6	5	5	5	4	4	4	3
-16.25°	7	7	6	5	5	5	4	4	4	3	3
-17.5°	7	6	6	5	5	5	4	4	4	3	3
-18.75°	7	6	6	5	5	5	4	4	4	3	3
-20°	7	6	6	5	5	5	4	4	4	3	3
-21.25°	6	6	5	5	5	4	4	4	4	3	3





REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	6	6	5	5	5	4	4	4	3	3	3
-23.75°	6	5	5	5	5	4	4	4	3	3	3
-25°	6	5	5	5	4	4	4	4	3	3	3
-26.25°	6	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220531 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)