

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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

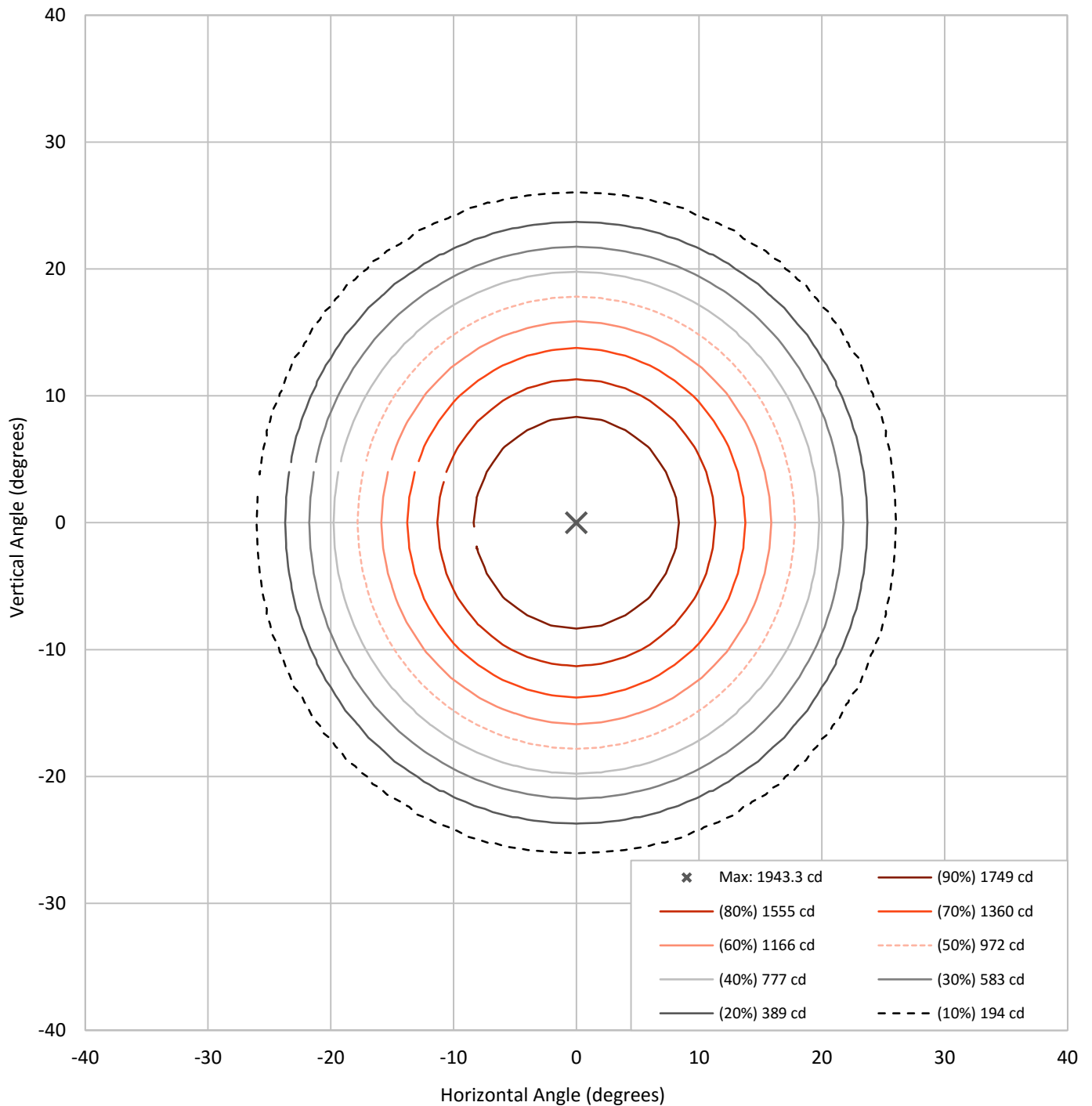
Test Method: LM-79-08  
Report Number: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29474)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 2700K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	666 lumens	Max Intensity:	1943.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	68.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.6°H x 35.6°V	Field Angle (10%):	52.1°H x 52.1°V
Beam Lumens:	444.1 lumens	Field Lumens:	625.1 lumens
Beam Efficiency:	66.7%	Field Efficiency:	93.9%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

### Iso-Candela Plot





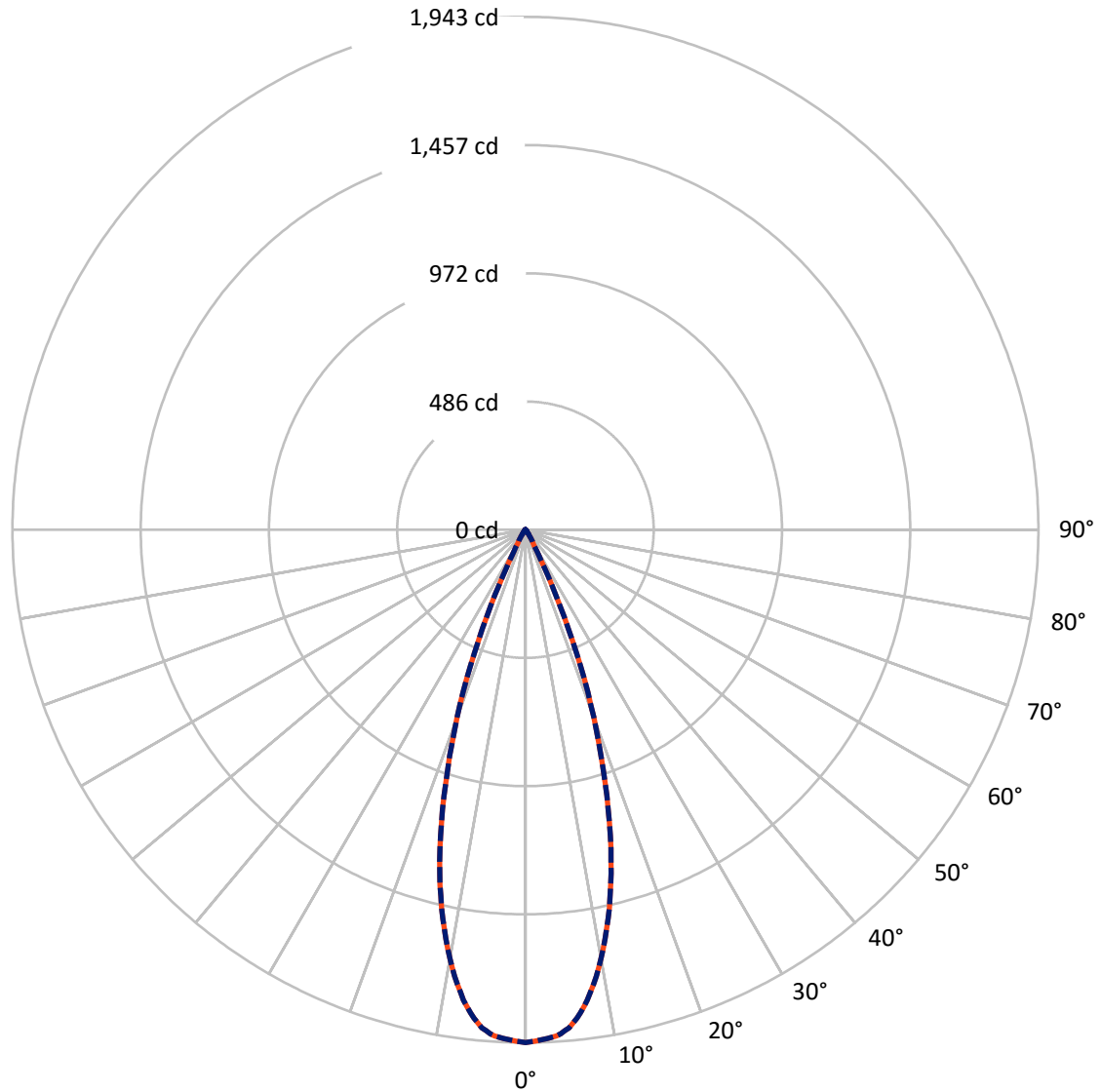
REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
40		0.0	0.0	0.1	0.1	0.2	0.4	0.7	0.7	0.4	0.2	0.1	0.1	0.0	0.0		
30	0.0	0.0	0.0	0.1	0.1	0.7	3.2	8.4	8.4	3.2	0.7	0.1	0.1	0.0	0.0	0.0	
20		0.0	0.0	0.1	0.3	3.0	18.7	34.4	34.4	18.7	3.0	0.3	0.1	0.0	0.0		
10	0.0	0.0	0.0	0.1	0.6	7.7	33.5	53.2	53.2	33.5	7.7	0.6	0.1	0.0	0.0	0.0	
0		0.0	0.0	0.1	0.6	7.7	33.5	53.2	53.2	33.5	7.7	0.6	0.1	0.0	0.0		
-10	0.0	0.0	0.0	0.1	0.6	7.7	33.5	53.2	53.2	33.5	7.7	0.6	0.1	0.0	0.0	0.0	
-20		0.0	0.0	0.1	0.3	3.0	18.7	34.4	34.4	18.7	3.0	0.3	0.1	0.0	0.0		
-30	0.0	0.0	0.0	0.1	0.1	0.7	3.2	8.4	8.4	3.2	0.7	0.1	0.1	0.0	0.0	0.0	
-40		0.0	0.0	0.1	0.1	0.2	0.4	0.7	0.7	0.4	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	0.0	0.0	0.0	0.0	0.0	
-60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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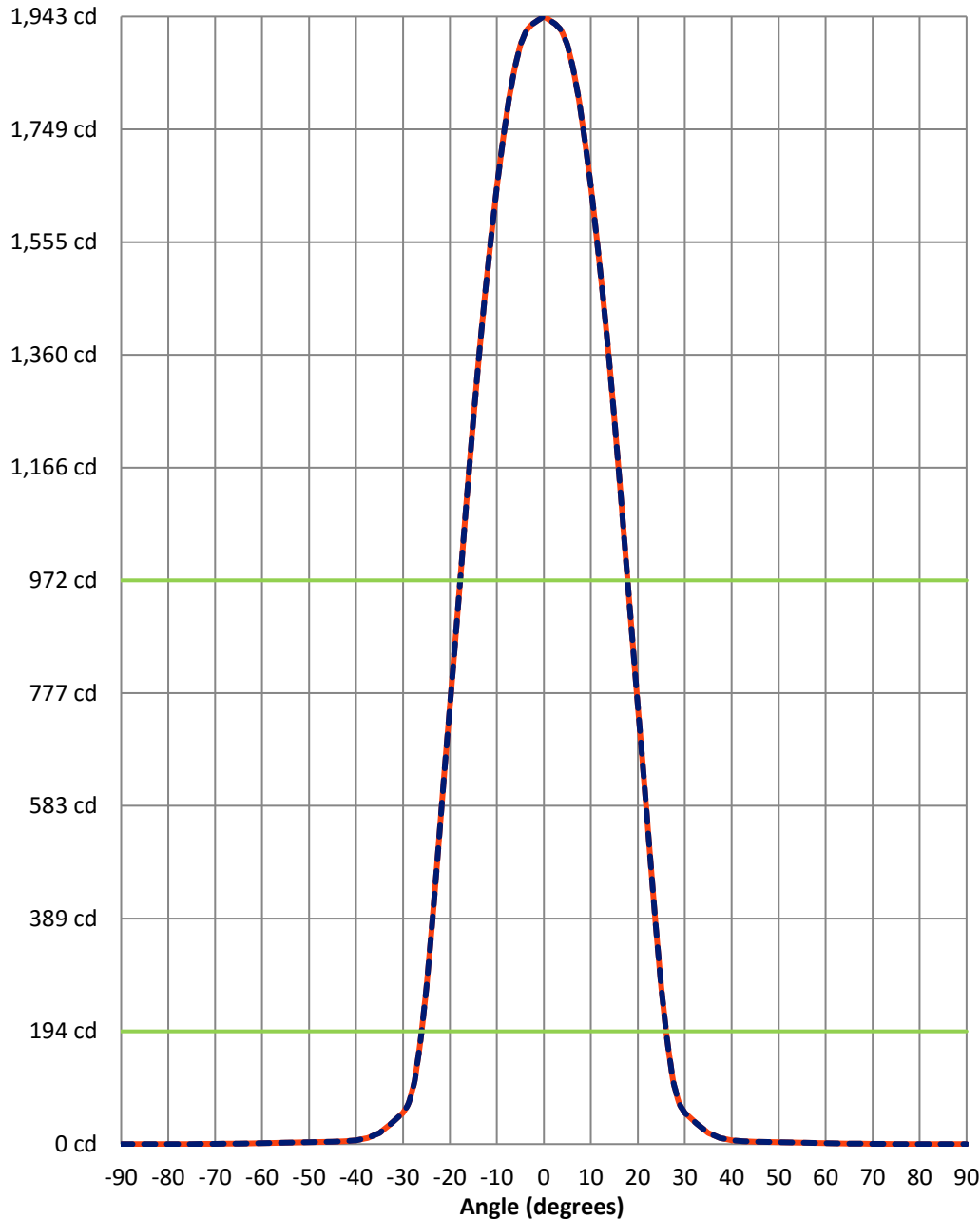
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.6°  
 V Angle: 35.6°  
 Lumens: 444.1  
 Efficiency: 66.7%

**Field:**  
 H Angle: 52.1°  
 V Angle: 52.1°  
 Lumens: 625.1  
 Efficiency: 93.9%

**Spill:**  
 Lumens: 40.8  
 Efficiency: 6.1%

- 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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	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	1
35°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	0	0	0	0	0	0	0	0	1
32.5°	0	0	0	0	0	0	0	0	0	1	1
31.25°	0	0	0	0	0	0	0	0	0	1	1
30°	0	0	0	0	0	0	0	0	0	1	1
28.75°	0	0	0	0	0	0	0	0	1	1	1
27.5°	0	0	0	0	0	0	0	0	1	1	1
26.25°	0	0	0	0	0	0	0	0	1	1	1
25°	0	0	0	0	0	0	0	0	1	1	1
23.75°	0	0	0	0	0	0	0	0	1	1	1
22.5°	0	0	0	0	0	0	0	1	1	1	1
21.25°	0	0	0	0	0	0	0	1	1	1	1
20°	0	0	0	0	0	0	0	1	1	1	1
18.75°	0	0	0	0	0	0	0	1	1	1	1
17.5°	0	0	0	0	0	0	0	1	1	1	1
16.25°	0	0	0	0	0	0	0	1	1	1	1
15°	0	0	0	0	0	0	0	1	1	1	1
13.75°	0	0	0	0	0	0	0	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	0	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	0	1	1	1	1
-15°	0	0	0	0	0	0	0	1	1	1	1
-16.25°	0	0	0	0	0	0	0	1	1	1	1
-17.5°	0	0	0	0	0	0	0	1	1	1	1
-18.75°	0	0	0	0	0	0	0	1	1	1	1
-20°	0	0	0	0	0	0	0	1	1	1	1
-21.25°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	0	0	0	1	1	1	1
-23.75°	0	0	0	0	0	0	0	0	1	1	1
-25°	0	0	0	0	0	0	0	0	1	1	1
-26.25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-28.75°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	0	1	1
-31.25°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-33.75°	0	0	0	0	0	0	0	0	0	0	1
-35°	0	0	0	0	0	0	0	0	0	0	1
-36.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	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	1
55°	0	0	0	0	0	0	0	0	0	1	1
53.75°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	1	1	1	1	1	1	1
47.5°	0	0	0	0	1	1	1	1	1	1	1
46.25°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	1	1	1	1	1	1	1	1	1
43.75°	0	0	1	1	1	1	1	1	1	1	1
42.5°	0	1	1	1	1	1	1	1	1	1	1
41.25°	0	1	1	1	1	1	1	1	1	1	1
40°	1	1	1	1	1	1	1	1	1	1	2
38.75°	1	1	1	1	1	1	1	1	1	1	2
37.5°	1	1	1	1	1	1	1	1	1	2	2
36.25°	1	1	1	1	1	1	1	1	2	2	2
35°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	1	1	1	1	2	2	2	2	2	3	3
-23.75°	1	1	1	1	2	2	2	2	2	2	3
-25°	1	1	1	1	1	2	2	2	2	2	3
-26.25°	1	1	1	1	1	2	2	2	2	2	3
-27.5°	1	1	1	1	1	2	2	2	2	2	2
-28.75°	1	1	1	1	1	1	2	2	2	2	2
-30°	1	1	1	1	1	1	2	2	2	2	2
-31.25°	1	1	1	1	1	1	1	2	2	2	2
-32.5°	1	1	1	1	1	1	1	2	2	2	2
-33.75°	1	1	1	1	1	1	1	2	2	2	2
-35°	1	1	1	1	1	1	1	1	2	2	2
-36.25°	1	1	1	1	1	1	1	1	2	2	2
-37.5°	1	1	1	1	1	1	1	1	1	2	2
-38.75°	1	1	1	1	1	1	1	1	1	1	2
-40°	1	1	1	1	1	1	1	1	1	1	2
-41.25°	0	1	1	1	1	1	1	1	1	1	1
-42.5°	0	1	1	1	1	1	1	1	1	1	1
-43.75°	0	0	1	1	1	1	1	1	1	1	1
-45°	0	0	1	1	1	1	1	1	1	1	1
-46.25°	0	0	0	1	1	1	1	1	1	1	1
-47.5°	0	0	0	0	1	1	1	1	1	1	1
-48.75°	0	0	0	0	1	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	0	1	1	1
-55°	0	0	0	0	0	0	0	0	0	1	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	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	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	1	1	1	1	1	1
60°	0	0	0	1	1	1	1	1	1	1	1
58.75°	0	0	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	2	2	2	2
48.75°	1	1	1	1	1	1	2	2	2	2	2
47.5°	1	1	1	1	1	2	2	2	2	2	2
46.25°	1	1	1	1	2	2	2	2	2	2	2
45°	1	1	1	2	2	2	2	2	2	2	2
43.75°	1	1	2	2	2	2	2	2	2	2	3
42.5°	1	2	2	2	2	2	2	2	3	3	3
41.25°	2	2	2	2	2	2	2	3	3	3	3
40°	2	2	2	2	2	2	3	3	3	3	3
38.75°	2	2	2	2	2	3	3	3	3	3	3
37.5°	2	2	2	2	2	3	3	3	3	3	3
36.25°	2	2	2	2	3	3	3	3	3	3	3
35°	2	2	2	3	3	3	3	3	3	3	4



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	2	2	3	3	3	3	3	3	3	4	4
32.5°	2	2	3	3	3	3	3	3	3	4	4
31.25°	2	3	3	3	3	3	3	3	4	4	4
30°	2	3	3	3	3	3	3	4	4	4	4
28.75°	3	3	3	3	3	3	3	4	4	4	4
27.5°	3	3	3	3	3	3	4	4	4	4	4
26.25°	3	3	3	3	3	4	4	4	4	4	5
25°	3	3	3	3	3	4	4	4	4	4	5
23.75°	3	3	3	3	4	4	4	4	4	5	5
22.5°	3	3	3	3	4	4	4	4	4	5	5
21.25°	3	3	3	3	4	4	4	4	5	5	6
20°	3	3	3	4	4	4	4	4	5	5	6
18.75°	3	3	3	4	4	4	4	5	5	6	6
17.5°	3	3	4	4	4	4	4	5	5	6	7
16.25°	3	3	4	4	4	4	4	5	6	6	8
15°	3	3	4	4	4	4	5	5	6	7	8
13.75°	3	3	4	4	4	4	5	5	6	7	9
12.5°	3	4	4	4	4	4	5	5	6	8	10
11.25°	3	4	4	4	4	5	5	6	6	8	10
10°	3	4	4	4	4	5	5	6	7	9	11
8.75°	3	4	4	4	4	5	5	6	7	9	12
7.5°	3	4	4	4	4	5	5	6	8	10	13
6.25°	3	4	4	4	4	5	5	6	8	10	13
5°	3	4	4	4	4	5	6	6	8	10	14
3.75°	3	4	4	4	4	5	6	6	8	10	14
2.5°	3	4	4	4	4	5	6	6	8	10	15
1.25°	3	4	4	4	4	5	6	6	9	11	15
0°	4	4	4	4	5	5	6	7	9	11	15
-1.25°	3	4	4	4	4	5	6	6	9	11	15
-2.5°	3	4	4	4	4	5	6	6	8	10	15
-3.75°	3	4	4	4	4	5	6	6	8	10	14
-5°	3	4	4	4	4	5	6	6	8	10	14
-6.25°	3	4	4	4	4	5	5	6	8	10	13
-7.5°	3	4	4	4	4	5	5	6	8	10	13
-8.75°	3	4	4	4	4	5	5	6	7	9	12
-10°	3	4	4	4	4	5	5	6	7	9	11
-11.25°	3	4	4	4	4	5	5	6	6	8	10
-12.5°	3	4	4	4	4	4	5	5	6	8	10
-13.75°	3	3	4	4	4	4	5	5	6	7	9
-15°	3	3	4	4	4	4	5	5	6	7	8
-16.25°	3	3	4	4	4	4	4	5	6	6	8
-17.5°	3	3	4	4	4	4	4	5	5	6	7
-18.75°	3	3	3	4	4	4	4	5	5	6	6
-20°	3	3	3	4	4	4	4	4	5	5	6
-21.25°	3	3	3	3	4	4	4	4	5	5	6



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	3	3	3	3	4	4	4	4	4	5	5
-23.75°	3	3	3	3	4	4	4	4	4	5	5
-25°	3	3	3	3	3	4	4	4	4	4	5
-26.25°	3	3	3	3	3	4	4	4	4	4	5
-27.5°	3	3	3	3	3	3	4	4	4	4	4
-28.75°	3	3	3	3	3	3	3	4	4	4	4
-30°	2	3	3	3	3	3	3	4	4	4	4
-31.25°	2	3	3	3	3	3	3	3	4	4	4
-32.5°	2	2	3	3	3	3	3	3	3	4	4
-33.75°	2	2	3	3	3	3	3	3	3	4	4
-35°	2	2	2	3	3	3	3	3	3	3	4
-36.25°	2	2	2	2	3	3	3	3	3	3	3
-37.5°	2	2	2	2	2	3	3	3	3	3	3
-38.75°	2	2	2	2	2	3	3	3	3	3	3
-40°	2	2	2	2	2	2	3	3	3	3	3
-41.25°	2	2	2	2	2	2	2	3	3	3	3
-42.5°	1	2	2	2	2	2	2	2	3	3	3
-43.75°	1	1	2	2	2	2	2	2	2	2	3
-45°	1	1	1	2	2	2	2	2	2	2	2
-46.25°	1	1	1	1	2	2	2	2	2	2	2
-47.5°	1	1	1	1	1	2	2	2	2	2	2
-48.75°	1	1	1	1	1	1	2	2	2	2	2
-50°	1	1	1	1	1	1	1	2	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	1	1	1	1	1	1	1	1	1	1	2
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	0	0	1	1	1	1	1	1	1	1	1
-60°	0	0	0	1	1	1	1	1	1	1	1
-61.25°	0	0	0	0	0	1	1	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	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	1
66.25°	0	0	0	0	0	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	2	2	2	2	2
55°	1	1	1	1	2	2	2	2	2	2	2
53.75°	1	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	3
50°	2	2	2	2	2	2	2	3	3	3	3
48.75°	2	2	2	2	2	3	3	3	3	3	3
47.5°	2	2	2	3	3	3	3	3	3	3	3
46.25°	2	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	4	4
42.5°	3	3	3	3	3	3	3	4	4	4	4
41.25°	3	3	3	3	3	3	4	4	4	4	4
40°	3	3	3	3	4	4	4	4	4	4	4
38.75°	3	3	3	4	4	4	4	4	4	4	4
37.5°	3	4	4	4	4	4	4	4	4	5	5
36.25°	4	4	4	4	4	4	4	5	5	5	5
35°	4	4	4	4	4	4	5	5	5	6	6



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	4	4	4	4	4	5	5	5	6	6	7
32.5°	4	4	4	4	5	5	5	6	6	7	8
31.25°	4	4	4	5	5	6	6	7	8	9	10
30°	4	4	5	5	6	6	7	8	9	10	13
28.75°	4	5	5	6	6	7	8	10	11	14	16
27.5°	5	5	5	6	7	8	10	11	14	17	19
26.25°	5	5	6	7	8	10	11	14	17	20	25
25°	5	6	6	8	9	11	14	17	21	26	31
23.75°	6	6	7	9	10	14	17	20	26	32	37
22.5°	6	7	8	10	13	16	19	25	31	37	44
21.25°	6	8	9	12	15	19	24	30	37	43	50
20°	7	9	10	14	17	22	29	35	42	49	57
18.75°	8	10	12	16	20	27	33	40	47	55	65
17.5°	9	11	14	18	24	31	38	45	53	63	82
16.25°	10	12	16	20	27	34	42	50	59	76	109
15°	10	14	18	24	31	38	46	54	67	94	143
13.75°	11	15	19	27	34	42	50	60	80	121	182
12.5°	13	17	22	30	37	46	54	67	97	152	226
11.25°	14	18	25	32	40	49	59	78	120	185	268
10°	15	19	27	35	43	52	63	89	144	220	313
8.75°	16	21	29	37	46	55	70	106	169	253	353
7.5°	17	23	31	39	48	58	77	122	192	284	392
6.25°	18	24	32	41	50	61	84	136	215	313	426
5°	18	25	33	42	51	63	91	151	235	337	454
3.75°	19	26	34	43	52	65	99	163	250	356	477
2.5°	19	27	35	44	53	68	105	171	261	371	494
1.25°	19	27	35	45	54	70	108	176	268	380	504
0°	19	27	36	45	54	70	109	178	270	383	508
-1.25°	19	27	35	45	54	70	108	176	268	380	504
-2.5°	19	27	35	44	53	68	105	171	261	371	494
-3.75°	19	26	34	43	52	65	99	163	250	356	477
-5°	18	25	33	42	51	63	91	151	235	337	454
-6.25°	18	24	32	41	50	61	84	136	215	313	426
-7.5°	17	23	31	39	48	58	77	122	192	284	392
-8.75°	16	21	29	37	46	55	70	106	169	253	353
-10°	15	19	27	35	43	52	63	89	144	220	313
-11.25°	14	18	25	32	40	49	59	78	120	185	268
-12.5°	13	17	22	30	37	46	54	67	97	152	226
-13.75°	11	15	19	27	34	42	50	60	80	121	182
-15°	10	14	18	24	31	38	46	54	67	94	143
-16.25°	10	12	16	20	27	34	42	50	59	76	109
-17.5°	9	11	14	18	24	31	38	45	53	63	82
-18.75°	8	10	12	16	20	27	33	40	47	55	65
-20°	7	9	10	14	17	22	29	35	42	49	57
-21.25°	6	8	9	12	15	19	24	30	37	43	50





REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	6	7	8	10	13	16	19	25	31	37	44
-23.75°	6	6	7	9	10	14	17	20	26	32	37
-25°	5	6	6	8	9	11	14	17	21	26	31
-26.25°	5	5	6	7	8	10	11	14	17	20	25
-27.5°	5	5	5	6	7	8	10	11	14	17	19
-28.75°	4	5	5	6	6	7	8	10	11	14	16
-30°	4	4	5	5	6	6	7	8	9	10	13
-31.25°	4	4	4	5	5	6	6	7	8	9	10
-32.5°	4	4	4	4	5	5	5	6	6	7	8
-33.75°	4	4	4	4	4	5	5	5	6	6	7
-35°	4	4	4	4	4	4	5	5	5	6	6
-36.25°	4	4	4	4	4	4	4	5	5	5	5
-37.5°	3	4	4	4	4	4	4	4	4	5	5
-38.75°	3	3	3	4	4	4	4	4	4	4	4
-40°	3	3	3	3	4	4	4	4	4	4	4
-41.25°	3	3	3	3	3	3	4	4	4	4	4
-42.5°	3	3	3	3	3	3	3	4	4	4	4
-43.75°	3	3	3	3	3	3	3	3	3	4	4
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	2	3	3	3	3	3	3	3	3	3	3
-47.5°	2	2	2	3	3	3	3	3	3	3	3
-48.75°	2	2	2	2	2	3	3	3	3	3	3
-50°	2	2	2	2	2	2	2	3	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	1	2	2	2	2	2	2	2	2	2	2
-55°	1	1	1	1	2	2	2	2	2	2	2
-56.25°	1	1	1	1	1	1	2	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	2	2
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	0	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	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	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	2	2
58.75°	1	1	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	3	3	3	3	3
52.5°	2	2	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	4	4	4	4
46.25°	3	3	3	4	4	4	4	4	4	4	4
45°	3	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	5	5	5
41.25°	4	4	4	4	4	5	5	5	5	5	5
40°	4	4	5	5	5	5	5	5	6	6	6
38.75°	5	5	5	5	6	6	6	6	6	7	7
37.5°	5	5	6	6	6	7	7	8	8	9	9
36.25°	6	6	6	7	8	8	9	10	10	11	12
35°	6	7	8	9	10	10	11	13	14	15	16



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	8	9	10	11	12	14	15	17	18	19	21
32.5°	9	10	12	14	16	18	19	22	25	27	29
31.25°	12	14	16	18	20	24	27	30	32	35	37
30°	15	17	20	24	27	31	34	37	40	43	46
28.75°	19	22	27	31	34	38	42	46	49	52	55
27.5°	24	29	33	38	42	46	50	54	59	63	70
26.25°	30	35	40	45	50	54	60	67	78	89	106
25°	37	42	47	53	59	67	80	97	120	144	169
23.75°	43	49	55	63	76	94	121	152	185	220	253
22.5°	50	57	65	82	109	143	182	226	268	313	353
21.25°	57	68	86	120	161	208	260	314	366	418	466
20°	68	88	125	173	227	286	349	412	473	532	584
18.75°	86	125	176	237	304	374	446	517	583	644	696
17.5°	120	173	237	309	387	467	547	621	688	748	804
16.25°	161	227	304	387	474	562	644	718	787	852	914
15°	208	286	374	467	562	651	733	811	887	958	1022
13.75°	260	349	446	547	644	733	819	904	984	1058	1130
12.5°	314	412	517	621	718	811	904	993	1078	1161	1230
11.25°	366	473	583	688	787	887	984	1078	1170	1250	1323
10°	418	532	644	748	852	958	1058	1161	1250	1333	1406
8.75°	466	584	696	804	914	1022	1130	1230	1323	1406	1479
7.5°	510	629	742	854	969	1080	1192	1293	1386	1469	1543
6.25°	548	668	782	899	1015	1133	1243	1347	1440	1523	1599
5°	579	699	816	937	1054	1176	1286	1390	1483	1568	1646
3.75°	603	724	843	966	1087	1208	1321	1425	1517	1603	1681
2.5°	621	741	863	987	1111	1232	1346	1448	1542	1629	1708
1.25°	632	752	875	999	1126	1246	1360	1462	1557	1645	1724
0°	635	756	879	1004	1131	1251	1364	1467	1562	1650	1729
-1.25°	632	752	875	999	1126	1246	1360	1462	1557	1645	1724
-2.5°	621	741	863	987	1111	1232	1346	1448	1542	1629	1708
-3.75°	603	724	843	966	1087	1208	1321	1425	1517	1603	1681
-5°	579	699	816	937	1054	1176	1286	1390	1483	1568	1646
-6.25°	548	668	782	899	1015	1133	1243	1347	1440	1523	1599
-7.5°	510	629	742	854	969	1080	1192	1293	1386	1469	1543
-8.75°	466	584	696	804	914	1022	1130	1230	1323	1406	1479
-10°	418	532	644	748	852	958	1058	1161	1250	1333	1406
-11.25°	366	473	583	688	787	887	984	1078	1170	1250	1323
-12.5°	314	412	517	621	718	811	904	993	1078	1161	1230
-13.75°	260	349	446	547	644	733	819	904	984	1058	1130
-15°	208	286	374	467	562	651	733	811	887	958	1022
-16.25°	161	227	304	387	474	562	644	718	787	852	914
-17.5°	120	173	237	309	387	467	547	621	688	748	804
-18.75°	86	125	176	237	304	374	446	517	583	644	696
-20°	68	88	125	173	227	286	349	412	473	532	584
-21.25°	57	68	86	120	161	208	260	314	366	418	466



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	50	57	65	82	109	143	182	226	268	313	353
-23.75°	43	49	55	63	76	94	121	152	185	220	253
-25°	37	42	47	53	59	67	80	97	120	144	169
-26.25°	30	35	40	45	50	54	60	67	78	89	106
-27.5°	24	29	33	38	42	46	50	54	59	63	70
-28.75°	19	22	27	31	34	38	42	46	49	52	55
-30°	15	17	20	24	27	31	34	37	40	43	46
-31.25°	12	14	16	18	20	24	27	30	32	35	37
-32.5°	9	10	12	14	16	18	19	22	25	27	29
-33.75°	8	9	10	11	12	14	15	17	18	19	21
-35°	6	7	8	9	10	10	11	13	14	15	16
-36.25°	6	6	6	7	8	8	9	10	10	11	12
-37.5°	5	5	6	6	6	7	7	8	8	9	9
-38.75°	5	5	5	5	6	6	6	6	6	7	7
-40°	4	4	5	5	5	5	5	5	6	6	6
-41.25°	4	4	4	4	4	5	5	5	5	5	5
-42.5°	4	4	4	4	4	4	4	4	5	5	5
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	3	4	4	4	4	4	4	4	4	4	4
-46.25°	3	3	3	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	3	3	4	4	4	4
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	2	2	3	3	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	3	3	3	3	3
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	1	1	2	2	2	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	1	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°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	1	1	1	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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	3	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	4	3	3	3	3
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	5	4	4	4	4
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	6	6	6	6	6	6	6	6	6
40°	6	6	6	6	6	6	7	6	6	6	6
38.75°	8	8	8	8	8	9	9	9	8	8	8
37.5°	10	10	10	10	10	11	11	11	10	10	10
36.25°	13	13	14	14	15	15	15	15	15	14	14
35°	17	18	18	19	19	19	19	19	19	19	18



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	23	24	25	26	27	27	27	27	27	26	25
32.5°	31	32	33	34	35	35	36	35	35	34	33
31.25°	39	41	42	43	44	45	45	45	44	43	42
30°	48	50	51	52	53	54	54	54	53	52	51
28.75°	58	61	63	65	68	70	70	70	68	65	63
27.5°	77	84	91	99	105	108	109	108	105	99	91
26.25°	122	136	151	163	171	176	178	176	171	163	151
25°	192	215	235	250	261	268	270	268	261	250	235
23.75°	284	313	337	356	371	380	383	380	371	356	337
22.5°	392	426	454	477	494	504	508	504	494	477	454
21.25°	510	548	579	603	621	632	635	632	621	603	579
20°	629	668	699	724	741	752	756	752	741	724	699
18.75°	742	782	816	843	863	875	879	875	863	843	816
17.5°	854	899	937	966	987	999	1004	999	987	966	937
16.25°	969	1015	1054	1087	1111	1126	1131	1126	1111	1087	1054
15°	1080	1133	1176	1208	1232	1246	1251	1246	1232	1208	1176
13.75°	1192	1243	1286	1321	1346	1360	1364	1360	1346	1321	1286
12.5°	1293	1347	1390	1425	1448	1462	1467	1462	1448	1425	1390
11.25°	1386	1440	1483	1517	1542	1557	1562	1557	1542	1517	1483
10°	1469	1523	1568	1603	1629	1645	1650	1645	1629	1603	1568
8.75°	1543	1599	1646	1681	1708	1724	1729	1724	1708	1681	1646
7.5°	1609	1666	1714	1750	1777	1793	1798	1793	1777	1750	1714
6.25°	1666	1724	1772	1809	1834	1849	1853	1849	1834	1809	1772
5°	1714	1772	1820	1854	1876	1889	1894	1889	1876	1854	1820
3.75°	1750	1809	1854	1885	1905	1917	1919	1917	1905	1885	1854
2.5°	1777	1834	1876	1905	1922	1928	1930	1928	1922	1905	1876
1.25°	1793	1849	1889	1917	1928	1934	1937	1934	1928	1917	1889
0°	1798	1853	1894	1919	1930	1937	1943	1937	1930	1919	1894
-1.25°	1793	1849	1889	1917	1928	1934	1937	1934	1928	1917	1889
-2.5°	1777	1834	1876	1905	1922	1928	1930	1928	1922	1905	1876
-3.75°	1750	1809	1854	1885	1905	1917	1919	1917	1905	1885	1854
-5°	1714	1772	1820	1854	1876	1889	1894	1889	1876	1854	1820
-6.25°	1666	1724	1772	1809	1834	1849	1853	1849	1834	1809	1772
-7.5°	1609	1666	1714	1750	1777	1793	1798	1793	1777	1750	1714
-8.75°	1543	1599	1646	1681	1708	1724	1729	1724	1708	1681	1646
-10°	1469	1523	1568	1603	1629	1645	1650	1645	1629	1603	1568
-11.25°	1386	1440	1483	1517	1542	1557	1562	1557	1542	1517	1483
-12.5°	1293	1347	1390	1425	1448	1462	1467	1462	1448	1425	1390
-13.75°	1192	1243	1286	1321	1346	1360	1364	1360	1346	1321	1286
-15°	1080	1133	1176	1208	1232	1246	1251	1246	1232	1208	1176
-16.25°	969	1015	1054	1087	1111	1126	1131	1126	1111	1087	1054
-17.5°	854	899	937	966	987	999	1004	999	987	966	937
-18.75°	742	782	816	843	863	875	879	875	863	843	816
-20°	629	668	699	724	741	752	756	752	741	724	699
-21.25°	510	548	579	603	621	632	635	632	621	603	579





REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	392	426	454	477	494	504	508	504	494	477	454
-23.75°	284	313	337	356	371	380	383	380	371	356	337
-25°	192	215	235	250	261	268	270	268	261	250	235
-26.25°	122	136	151	163	171	176	178	176	171	163	151
-27.5°	77	84	91	99	105	108	109	108	105	99	91
-28.75°	58	61	63	65	68	70	70	70	68	65	63
-30°	48	50	51	52	53	54	54	54	53	52	51
-31.25°	39	41	42	43	44	45	45	45	44	43	42
-32.5°	31	32	33	34	35	35	36	35	35	34	33
-33.75°	23	24	25	26	27	27	27	27	27	26	25
-35°	17	18	18	19	19	19	19	19	19	19	18
-36.25°	13	13	14	14	15	15	15	15	15	14	14
-37.5°	10	10	10	10	10	11	11	11	10	10	10
-38.75°	8	8	8	8	8	9	9	9	8	8	8
-40°	6	6	6	6	6	6	7	6	6	6	6
-41.25°	5	5	6	6	6	6	6	6	6	6	6
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	4	4	4	4	4	4	5	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	4	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	2	2	2	2	2	2	3	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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	1	1	1	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	1	1	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	3	3	3	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	3
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	5	5	5	5	5	4	4	4	4	4	4
41.25°	5	5	5	5	5	5	5	5	4	4	4
40°	6	6	6	6	6	5	5	5	5	5	5
38.75°	8	8	7	7	6	6	6	6	6	5	5
37.5°	10	10	9	9	8	8	7	7	6	6	6
36.25°	13	13	12	11	10	10	9	8	8	7	6
35°	18	17	16	15	14	13	11	10	10	9	8



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	24	23	21	19	18	17	15	14	12	11	10
32.5°	32	31	29	27	25	22	19	18	16	14	12
31.25°	41	39	37	35	32	30	27	24	20	18	16
30°	50	48	46	43	40	37	34	31	27	24	20
28.75°	61	58	55	52	49	46	42	38	34	31	27
27.5°	84	77	70	63	59	54	50	46	42	38	33
26.25°	136	122	106	89	78	67	60	54	50	45	40
25°	215	192	169	144	120	97	80	67	59	53	47
23.75°	313	284	253	220	185	152	121	94	76	63	55
22.5°	426	392	353	313	268	226	182	143	109	82	65
21.25°	548	510	466	418	366	314	260	208	161	120	86
20°	668	629	584	532	473	412	349	286	227	173	125
18.75°	782	742	696	644	583	517	446	374	304	237	176
17.5°	899	854	804	748	688	621	547	467	387	309	237
16.25°	1015	969	914	852	787	718	644	562	474	387	304
15°	1133	1080	1022	958	887	811	733	651	562	467	374
13.75°	1243	1192	1130	1058	984	904	819	733	644	547	446
12.5°	1347	1293	1230	1161	1078	993	904	811	718	621	517
11.25°	1440	1386	1323	1250	1170	1078	984	887	787	688	583
10°	1523	1469	1406	1333	1250	1161	1058	958	852	748	644
8.75°	1599	1543	1479	1406	1323	1230	1130	1022	914	804	696
7.5°	1666	1609	1543	1469	1386	1293	1192	1080	969	854	742
6.25°	1724	1666	1599	1523	1440	1347	1243	1133	1015	899	782
5°	1772	1714	1646	1568	1483	1390	1286	1176	1054	937	816
3.75°	1809	1750	1681	1603	1517	1425	1321	1208	1087	966	843
2.5°	1834	1777	1708	1629	1542	1448	1346	1232	1111	987	863
1.25°	1849	1793	1724	1645	1557	1462	1360	1246	1126	999	875
0°	1853	1798	1729	1650	1562	1467	1364	1251	1131	1004	879
-1.25°	1849	1793	1724	1645	1557	1462	1360	1246	1126	999	875
-2.5°	1834	1777	1708	1629	1542	1448	1346	1232	1111	987	863
-3.75°	1809	1750	1681	1603	1517	1425	1321	1208	1087	966	843
-5°	1772	1714	1646	1568	1483	1390	1286	1176	1054	937	816
-6.25°	1724	1666	1599	1523	1440	1347	1243	1133	1015	899	782
-7.5°	1666	1609	1543	1469	1386	1293	1192	1080	969	854	742
-8.75°	1599	1543	1479	1406	1323	1230	1130	1022	914	804	696
-10°	1523	1469	1406	1333	1250	1161	1058	958	852	748	644
-11.25°	1440	1386	1323	1250	1170	1078	984	887	787	688	583
-12.5°	1347	1293	1230	1161	1078	993	904	811	718	621	517
-13.75°	1243	1192	1130	1058	984	904	819	733	644	547	446
-15°	1133	1080	1022	958	887	811	733	651	562	467	374
-16.25°	1015	969	914	852	787	718	644	562	474	387	304
-17.5°	899	854	804	748	688	621	547	467	387	309	237
-18.75°	782	742	696	644	583	517	446	374	304	237	176
-20°	668	629	584	532	473	412	349	286	227	173	125
-21.25°	548	510	466	418	366	314	260	208	161	120	86



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	426	392	353	313	268	226	182	143	109	82	65
-23.75°	313	284	253	220	185	152	121	94	76	63	55
-25°	215	192	169	144	120	97	80	67	59	53	47
-26.25°	136	122	106	89	78	67	60	54	50	45	40
-27.5°	84	77	70	63	59	54	50	46	42	38	33
-28.75°	61	58	55	52	49	46	42	38	34	31	27
-30°	50	48	46	43	40	37	34	31	27	24	20
-31.25°	41	39	37	35	32	30	27	24	20	18	16
-32.5°	32	31	29	27	25	22	19	18	16	14	12
-33.75°	24	23	21	19	18	17	15	14	12	11	10
-35°	18	17	16	15	14	13	11	10	10	9	8
-36.25°	13	13	12	11	10	10	9	8	8	7	6
-37.5°	10	10	9	9	8	8	7	7	6	6	6
-38.75°	8	8	7	7	6	6	6	6	6	5	5
-40°	6	6	6	6	6	5	5	5	5	5	5
-41.25°	5	5	5	5	5	5	5	5	4	4	4
-42.5°	5	5	5	5	5	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	3
-47.5°	4	4	4	4	4	4	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	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°	1	1	1	0	0	0	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	0	0	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	2	1	1	1	1
55°	2	2	2	2	2	2	2	2	2	1	1
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	3	3	2	2	2	2	2
48.75°	3	3	3	3	3	3	3	3	2	2	2
47.5°	3	3	3	3	3	3	3	3	3	3	2
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	4	3	3	3	3	3	3	3	3	3	3
43.75°	4	4	4	4	3	3	3	3	3	3	3
42.5°	4	4	4	4	4	4	3	3	3	3	3
41.25°	4	4	4	4	4	4	4	3	3	3	3
40°	4	4	4	4	4	4	4	4	4	3	3
38.75°	5	5	4	4	4	4	4	4	4	4	3
37.5°	5	5	5	5	4	4	4	4	4	4	4
36.25°	6	6	5	5	5	5	4	4	4	4	4
35°	7	6	6	6	5	5	5	4	4	4	4



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	9	8	7	6	6	5	5	5	4	4	4
32.5°	10	9	8	7	6	6	5	5	5	4	4
31.25°	14	12	10	9	8	7	6	6	5	5	4
30°	17	15	13	10	9	8	7	6	6	5	5
28.75°	22	19	16	14	11	10	8	7	6	6	5
27.5°	29	24	19	17	14	11	10	8	7	6	5
26.25°	35	30	25	20	17	14	11	10	8	7	6
25°	42	37	31	26	21	17	14	11	9	8	6
23.75°	49	43	37	32	26	20	17	14	10	9	7
22.5°	57	50	44	37	31	25	19	16	13	10	8
21.25°	68	57	50	43	37	30	24	19	15	12	9
20°	88	68	57	49	42	35	29	22	17	14	10
18.75°	125	86	65	55	47	40	33	27	20	16	12
17.5°	173	120	82	63	53	45	38	31	24	18	14
16.25°	227	161	109	76	59	50	42	34	27	20	16
15°	286	208	143	94	67	54	46	38	31	24	18
13.75°	349	260	182	121	80	60	50	42	34	27	19
12.5°	412	314	226	152	97	67	54	46	37	30	22
11.25°	473	366	268	185	120	78	59	49	40	32	25
10°	532	418	313	220	144	89	63	52	43	35	27
8.75°	584	466	353	253	169	106	70	55	46	37	29
7.5°	629	510	392	284	192	122	77	58	48	39	31
6.25°	668	548	426	313	215	136	84	61	50	41	32
5°	699	579	454	337	235	151	91	63	51	42	33
3.75°	724	603	477	356	250	163	99	65	52	43	34
2.5°	741	621	494	371	261	171	105	68	53	44	35
1.25°	752	632	504	380	268	176	108	70	54	45	35
0°	756	635	508	383	270	178	109	70	54	45	36
-1.25°	752	632	504	380	268	176	108	70	54	45	35
-2.5°	741	621	494	371	261	171	105	68	53	44	35
-3.75°	724	603	477	356	250	163	99	65	52	43	34
-5°	699	579	454	337	235	151	91	63	51	42	33
-6.25°	668	548	426	313	215	136	84	61	50	41	32
-7.5°	629	510	392	284	192	122	77	58	48	39	31
-8.75°	584	466	353	253	169	106	70	55	46	37	29
-10°	532	418	313	220	144	89	63	52	43	35	27
-11.25°	473	366	268	185	120	78	59	49	40	32	25
-12.5°	412	314	226	152	97	67	54	46	37	30	22
-13.75°	349	260	182	121	80	60	50	42	34	27	19
-15°	286	208	143	94	67	54	46	38	31	24	18
-16.25°	227	161	109	76	59	50	42	34	27	20	16
-17.5°	173	120	82	63	53	45	38	31	24	18	14
-18.75°	125	86	65	55	47	40	33	27	20	16	12
-20°	88	68	57	49	42	35	29	22	17	14	10
-21.25°	68	57	50	43	37	30	24	19	15	12	9





REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	57	50	44	37	31	25	19	16	13	10	8
-23.75°	49	43	37	32	26	20	17	14	10	9	7
-25°	42	37	31	26	21	17	14	11	9	8	6
-26.25°	35	30	25	20	17	14	11	10	8	7	6
-27.5°	29	24	19	17	14	11	10	8	7	6	5
-28.75°	22	19	16	14	11	10	8	7	6	6	5
-30°	17	15	13	10	9	8	7	6	6	5	5
-31.25°	14	12	10	9	8	7	6	6	5	5	4
-32.5°	10	9	8	7	6	6	5	5	5	4	4
-33.75°	9	8	7	6	6	5	5	5	4	4	4
-35°	7	6	6	6	5	5	5	4	4	4	4
-36.25°	6	6	5	5	5	5	4	4	4	4	4
-37.5°	5	5	5	5	4	4	4	4	4	4	4
-38.75°	5	5	4	4	4	4	4	4	4	4	3
-40°	4	4	4	4	4	4	4	4	4	3	3
-41.25°	4	4	4	4	4	4	4	3	3	3	3
-42.5°	4	4	4	4	4	4	3	3	3	3	3
-43.75°	4	4	4	4	3	3	3	3	3	3	3
-45°	4	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	2
-48.75°	3	3	3	3	3	3	3	3	2	2	2
-50°	3	3	3	3	3	3	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	1	1
-56.25°	2	2	2	2	2	2	2	1	1	1	1
-57.5°	2	2	2	2	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	0	0	0
-67.5°	1	1	1	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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	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	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	1	1	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	2	1	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	2	1	1	1	1	1
48.75°	2	2	2	2	2	2	2	1	1	1	1
47.5°	2	2	2	2	2	2	2	2	1	1	1
46.25°	3	2	2	2	2	2	2	2	2	1	1
45°	3	3	2	2	2	2	2	2	2	2	1
43.75°	3	3	3	2	2	2	2	2	2	2	2
42.5°	3	3	3	3	3	2	2	2	2	2	2
41.25°	3	3	3	3	3	3	2	2	2	2	2
40°	3	3	3	3	3	3	3	2	2	2	2
38.75°	3	3	3	3	3	3	3	3	2	2	2
37.5°	4	3	3	3	3	3	3	3	2	2	2
36.25°	4	4	3	3	3	3	3	3	3	2	2
35°	4	4	4	3	3	3	3	3	3	3	2



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	4	4	4	4	3	3	3	3	3	3	3
32.5°	4	4	4	4	3	3	3	3	3	3	3
31.25°	4	4	4	4	4	3	3	3	3	3	3
30°	4	4	4	4	4	4	3	3	3	3	3
28.75°	5	4	4	4	4	4	3	3	3	3	3
27.5°	5	5	4	4	4	4	4	3	3	3	3
26.25°	5	5	5	4	4	4	4	4	3	3	3
25°	6	5	5	4	4	4	4	4	3	3	3
23.75°	6	6	5	5	4	4	4	4	4	3	3
22.5°	7	6	5	5	4	4	4	4	4	3	3
21.25°	8	6	6	5	5	4	4	4	4	3	3
20°	9	7	6	5	5	4	4	4	4	4	3
18.75°	10	8	6	6	5	5	4	4	4	4	3
17.5°	11	9	7	6	5	5	4	4	4	4	4
16.25°	12	10	8	6	6	5	4	4	4	4	4
15°	14	10	8	7	6	5	5	4	4	4	4
13.75°	15	11	9	7	6	5	5	4	4	4	4
12.5°	17	13	10	8	6	5	5	4	4	4	4
11.25°	18	14	10	8	6	6	5	5	4	4	4
10°	19	15	11	9	7	6	5	5	4	4	4
8.75°	21	16	12	9	7	6	5	5	4	4	4
7.5°	23	17	13	10	8	6	5	5	4	4	4
6.25°	24	18	13	10	8	6	5	5	4	4	4
5°	25	18	14	10	8	6	6	5	4	4	4
3.75°	26	19	14	10	8	6	6	5	4	4	4
2.5°	27	19	15	10	8	6	6	5	4	4	4
1.25°	27	19	15	11	9	6	6	5	4	4	4
0°	27	19	15	11	9	7	6	5	5	4	4
-1.25°	27	19	15	11	9	6	6	5	4	4	4
-2.5°	27	19	15	10	8	6	6	5	4	4	4
-3.75°	26	19	14	10	8	6	6	5	4	4	4
-5°	25	18	14	10	8	6	6	5	4	4	4
-6.25°	24	18	13	10	8	6	5	5	4	4	4
-7.5°	23	17	13	10	8	6	5	5	4	4	4
-8.75°	21	16	12	9	7	6	5	5	4	4	4
-10°	19	15	11	9	7	6	5	5	4	4	4
-11.25°	18	14	10	8	6	6	5	5	4	4	4
-12.5°	17	13	10	8	6	5	5	4	4	4	4
-13.75°	15	11	9	7	6	5	5	4	4	4	4
-15°	14	10	8	7	6	5	5	4	4	4	4
-16.25°	12	10	8	6	6	5	4	4	4	4	4
-17.5°	11	9	7	6	5	5	4	4	4	4	4
-18.75°	10	8	6	6	5	5	4	4	4	4	3
-20°	9	7	6	5	5	4	4	4	4	4	3
-21.25°	8	6	6	5	5	4	4	4	4	3	3



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	7	6	5	5	4	4	4	4	4	3	3
-23.75°	6	6	5	5	4	4	4	4	4	3	3
-25°	6	5	5	4	4	4	4	4	3	3	3
-26.25°	5	5	5	4	4	4	4	4	3	3	3
-27.5°	5	5	4	4	4	4	4	3	3	3	3
-28.75°	5	4	4	4	4	4	3	3	3	3	3
-30°	4	4	4	4	4	4	3	3	3	3	3
-31.25°	4	4	4	4	4	3	3	3	3	3	3
-32.5°	4	4	4	4	3	3	3	3	3	3	3
-33.75°	4	4	4	4	3	3	3	3	3	3	3
-35°	4	4	4	3	3	3	3	3	3	3	2
-36.25°	4	4	3	3	3	3	3	3	3	2	2
-37.5°	4	3	3	3	3	3	3	3	2	2	2
-38.75°	3	3	3	3	3	3	3	3	2	2	2
-40°	3	3	3	3	3	3	3	2	2	2	2
-41.25°	3	3	3	3	3	3	2	2	2	2	2
-42.5°	3	3	3	3	3	2	2	2	2	2	2
-43.75°	3	3	3	2	2	2	2	2	2	2	2
-45°	3	3	2	2	2	2	2	2	2	2	1
-46.25°	3	2	2	2	2	2	2	2	2	1	1
-47.5°	2	2	2	2	2	2	2	2	1	1	1
-48.75°	2	2	2	2	2	2	2	1	1	1	1
-50°	2	2	2	2	2	2	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	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	0
-61.25°	1	1	1	1	1	1	1	1	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	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°	1	1	0	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	1	0	0	0	0	0	0	0
53.75°	1	1	1	1	1	0	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	1	0	0
47.5°	1	1	1	1	1	1	1	1	1	0	0
46.25°	1	1	1	1	1	1	1	1	1	1	0
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	2	1	1	1	1	1	1	1	1	1	1
41.25°	2	2	1	1	1	1	1	1	1	1	1
40°	2	2	2	1	1	1	1	1	1	1	1
38.75°	2	2	2	1	1	1	1	1	1	1	1
37.5°	2	2	2	2	1	1	1	1	1	1	1
36.25°	2	2	2	2	2	1	1	1	1	1	1
35°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	2	2	2	2	2	2	1	1	1	1	1
32.5°	2	2	2	2	2	2	1	1	1	1	1
31.25°	3	2	2	2	2	2	1	1	1	1	1
30°	3	2	2	2	2	2	2	1	1	1	1
28.75°	3	3	2	2	2	2	2	1	1	1	1
27.5°	3	3	2	2	2	2	2	2	1	1	1
26.25°	3	3	3	2	2	2	2	2	1	1	1
25°	3	3	3	2	2	2	2	2	1	1	1
23.75°	3	3	3	2	2	2	2	2	2	1	1
22.5°	3	3	3	3	2	2	2	2	2	1	1
21.25°	3	3	3	3	2	2	2	2	2	1	1
20°	3	3	3	3	2	2	2	2	2	1	1
18.75°	3	3	3	3	3	2	2	2	2	2	1
17.5°	3	3	3	3	3	2	2	2	2	2	1
16.25°	3	3	3	3	3	2	2	2	2	2	1
15°	3	3	3	3	3	2	2	2	2	2	1
13.75°	3	3	3	3	3	3	2	2	2	2	1
12.5°	4	3	3	3	3	3	2	2	2	2	1
11.25°	4	3	3	3	3	3	2	2	2	2	1
10°	4	3	3	3	3	3	2	2	2	2	2
8.75°	4	3	3	3	3	3	2	2	2	2	2
7.5°	4	3	3	3	3	3	2	2	2	2	2
6.25°	4	3	3	3	3	3	2	2	2	2	2
5°	4	3	3	3	3	3	2	2	2	2	2
3.75°	4	3	3	3	3	3	2	2	2	2	2
2.5°	4	3	3	3	3	3	2	2	2	2	2
1.25°	4	3	3	3	3	3	2	2	2	2	2
0°	4	4	3	3	3	3	3	2	2	2	2
-1.25°	4	3	3	3	3	3	2	2	2	2	2
-2.5°	4	3	3	3	3	3	2	2	2	2	2
-3.75°	4	3	3	3	3	3	2	2	2	2	2
-5°	4	3	3	3	3	3	2	2	2	2	2
-6.25°	4	3	3	3	3	3	2	2	2	2	2
-7.5°	4	3	3	3	3	3	2	2	2	2	2
-8.75°	4	3	3	3	3	3	2	2	2	2	2
-10°	4	3	3	3	3	3	2	2	2	2	2
-11.25°	4	3	3	3	3	3	2	2	2	2	1
-12.5°	4	3	3	3	3	3	2	2	2	2	1
-13.75°	3	3	3	3	3	3	2	2	2	2	1
-15°	3	3	3	3	3	2	2	2	2	2	1
-16.25°	3	3	3	3	3	2	2	2	2	2	1
-17.5°	3	3	3	3	3	2	2	2	2	2	1
-18.75°	3	3	3	3	3	2	2	2	2	2	1
-20°	3	3	3	3	2	2	2	2	2	1	1
-21.25°	3	3	3	3	2	2	2	2	2	1	1





REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	3	3	3	3	2	2	2	2	2	1	1
-23.75°	3	3	3	2	2	2	2	2	2	1	1
-25°	3	3	3	2	2	2	2	2	1	1	1
-26.25°	3	3	3	2	2	2	2	2	1	1	1
-27.5°	3	3	2	2	2	2	2	2	1	1	1
-28.75°	3	3	2	2	2	2	2	1	1	1	1
-30°	3	2	2	2	2	2	2	1	1	1	1
-31.25°	3	2	2	2	2	2	1	1	1	1	1
-32.5°	2	2	2	2	2	2	1	1	1	1	1
-33.75°	2	2	2	2	2	2	1	1	1	1	1
-35°	2	2	2	2	2	1	1	1	1	1	1
-36.25°	2	2	2	2	2	1	1	1	1	1	1
-37.5°	2	2	2	2	1	1	1	1	1	1	1
-38.75°	2	2	2	1	1	1	1	1	1	1	1
-40°	2	2	2	1	1	1	1	1	1	1	1
-41.25°	2	2	1	1	1	1	1	1	1	1	1
-42.5°	2	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	0
-47.5°	1	1	1	1	1	1	1	1	1	0	0
-48.75°	1	1	1	1	1	1	1	1	1	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	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°	1	0	0	0	0	0	0	0	0	0	0
41.25°	1	0	0	0	0	0	0	0	0	0	0
40°	1	1	0	0	0	0	0	0	0	0	0
38.75°	1	1	0	0	0	0	0	0	0	0	0
37.5°	1	1	0	0	0	0	0	0	0	0	0
36.25°	1	1	1	0	0	0	0	0	0	0	0
35°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	1	1	1	1	1	1	0	0	0	0	0
-23.75°	1	1	1	1	1	0	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	1	0	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	0	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	0	0	0	0	0	0	0	0
-35°	1	1	1	0	0	0	0	0	0	0	0
-36.25°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	0	0	0	0	0	0	0	0	0
-38.75°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	1	0	0	0	0	0	0	0	0	0
-41.25°	1	0	0	0	0	0	0	0	0	0	0
-42.5°	1	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: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220535 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)