

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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29421)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
SPOT OPTIC, BLACK HOUSING.  
Light Source: (1) 2700K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

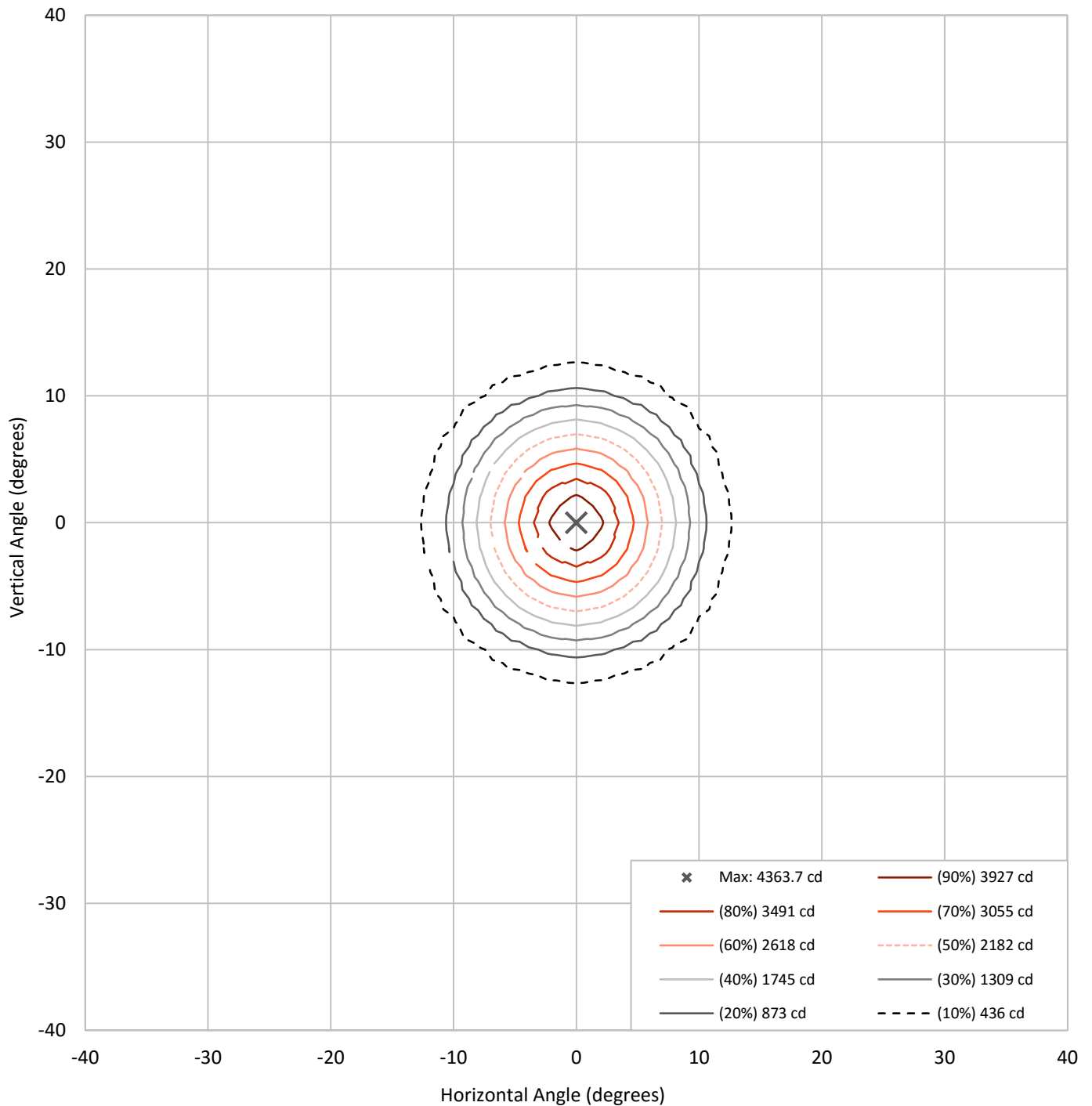
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	329.9 lumens	Max Intensity:	4363.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	33.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14°H x 14°V	Field Angle (10%):	24.8°H x 24.8°V
Beam Lumens:	138.9 lumens	Field Lumens:	254.5 lumens
Beam Efficiency:	42.1%	Field Efficiency:	77.1%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

### Iso-Candela Plot



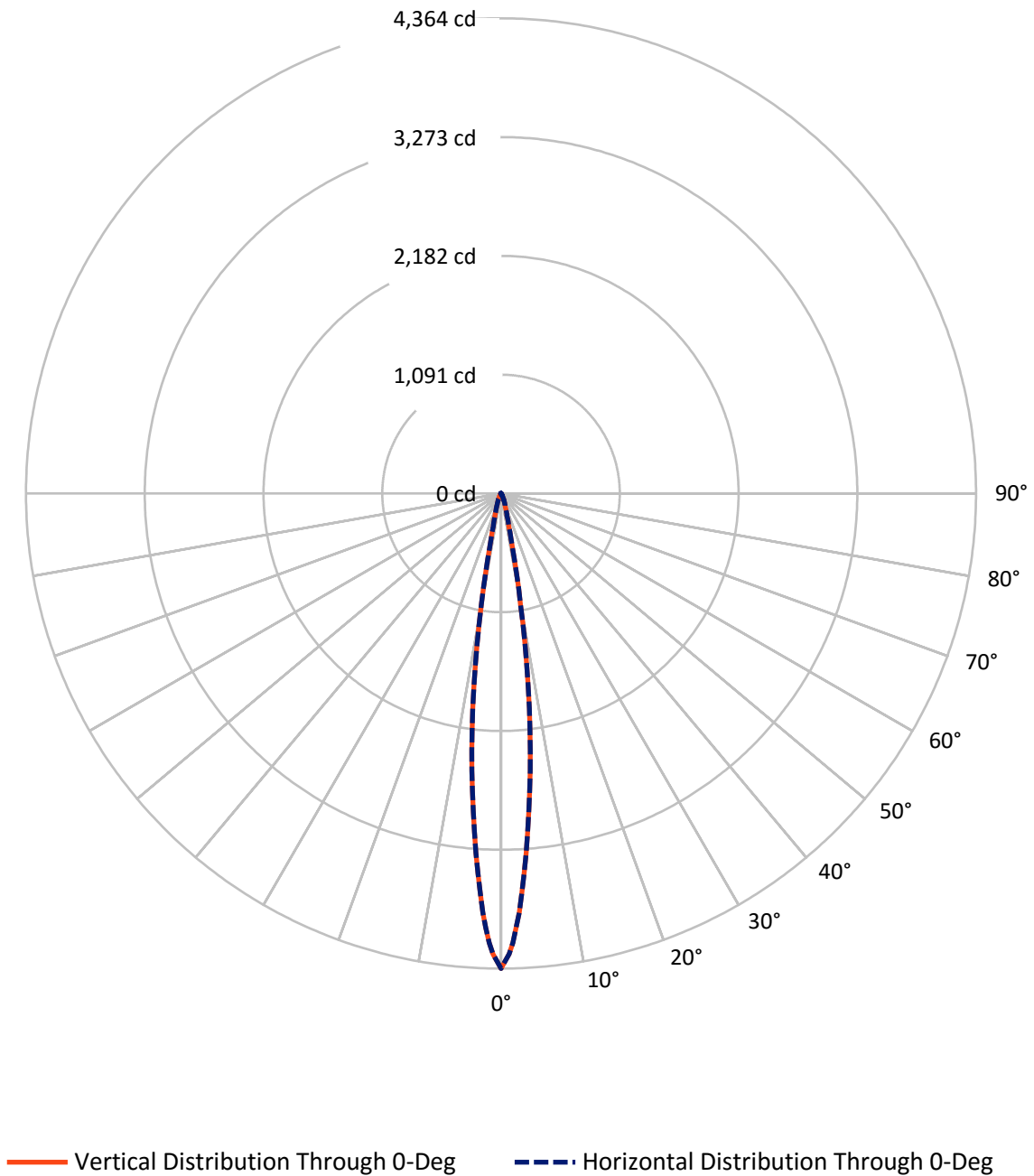
REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
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			
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			
60		0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
40		0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0				
30	0.0	0.0	0.0	0.1	0.1	0.2	0.7	1.4	1.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0			
20		0.0	0.0	0.1	0.2	0.7	2.7	7.3	7.3	2.7	0.7	0.2	0.1	0.0	0.0				
10	0.0	0.0	0.0	0.1	0.2	1.3	7.1	59.1	59.1	7.1	1.3	0.2	0.1	0.0	0.0	0.0			
0		0.0	0.0	0.1	0.2	1.3	7.1	59.1	59.1	7.1	1.3	0.2	0.1	0.0	0.0				
-10	0.0	0.0	0.0	0.1	0.2	0.7	2.7	7.3	7.3	2.7	0.7	0.2	0.1	0.0	0.0	0.0			
-20		0.0	0.0	0.1	0.1	0.2	0.7	1.4	1.4	0.7	0.2	0.1	0.1	0.0	0.0				
-30	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
-40		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	0.0	0.0	0.0	0.1	0.1	0.0	0.0	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			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

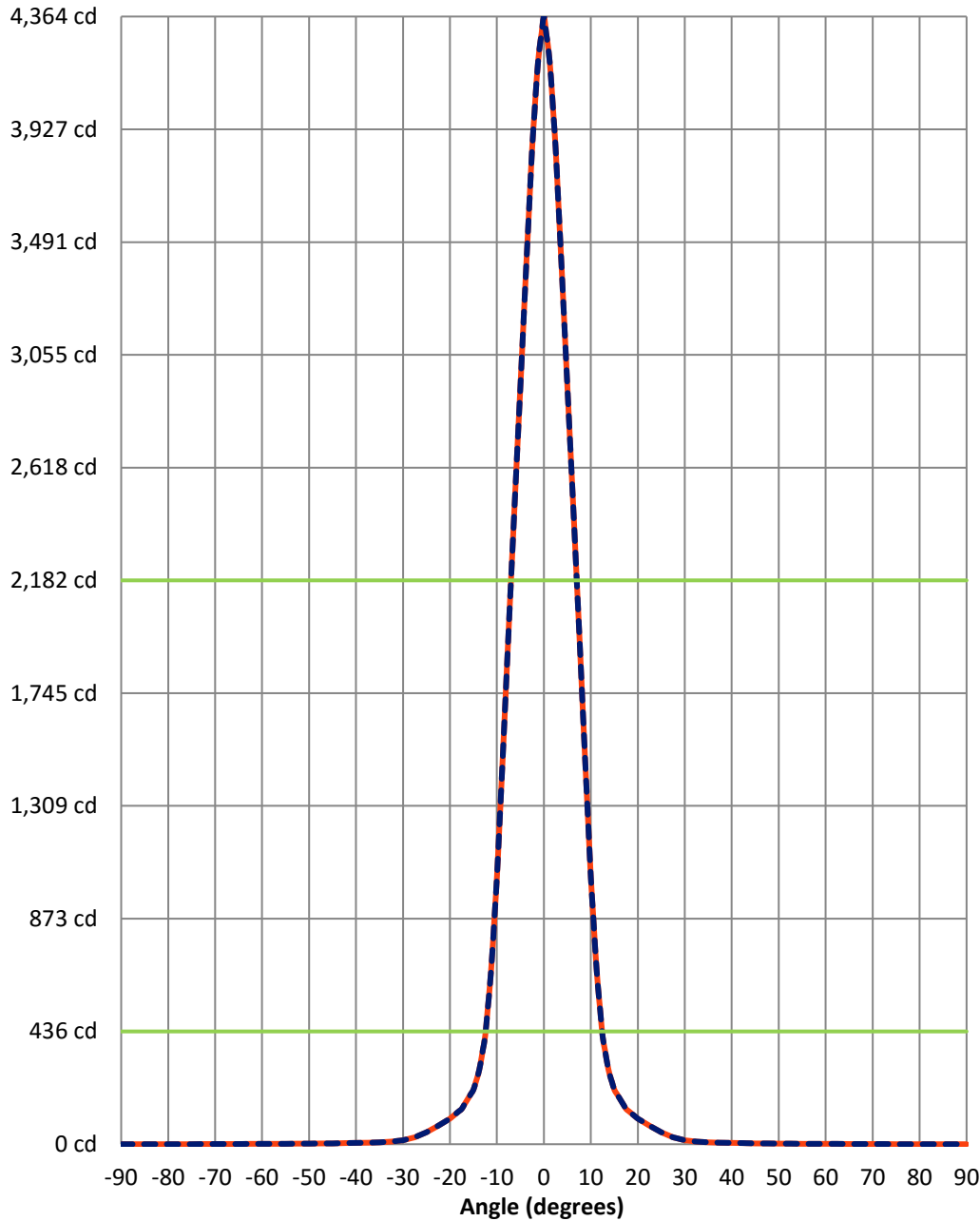
REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Plot



**Beam:**  
 H Angle: 14°  
 V Angle: 14°  
 Lumens: 138.9  
 Efficiency: 42.1%

**Field:**  
 H Angle: 24.8°  
 V Angle: 24.8°  
 Lumens: 254.5  
 Efficiency: 77.1%

**Spill:**  
 Lumens: 75.4  
 Efficiency: 22.9%

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



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

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	0	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-28.75°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	0	1	1	1	1	1
-33.75°	0	0	0	0	0	0	1	1	1	1	1
-35°	0	0	0	0	0	0	1	1	1	1	1
-36.25°	0	0	0	0	0	0	1	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	0	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	0	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	1	1	1	1	1	1	1	1	1	2	2
-23.75°	1	1	1	1	1	1	1	1	1	1	2
-25°	1	1	1	1	1	1	1	1	1	1	2
-26.25°	1	1	1	1	1	1	1	1	1	1	1
-27.5°	1	1	1	1	1	1	1	1	1	1	1
-28.75°	1	1	1	1	1	1	1	1	1	1	1
-30°	1	1	1	1	1	1	1	1	1	1	1
-31.25°	1	1	1	1	1	1	1	1	1	1	1
-32.5°	1	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	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	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	0	1	1	1	1	1	1	1	1	1	1
-53.75°	0	0	1	1	1	1	1	1	1	1	1
-55°	0	0	0	1	1	1	1	1	1	1	1
-56.25°	0	0	0	0	1	1	1	1	1	1	1
-57.5°	0	0	0	0	0	1	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	2
42.5°	1	1	1	1	1	1	1	1	1	2	2
41.25°	1	1	1	1	1	1	1	1	2	2	2
40°	1	1	1	1	1	1	1	2	2	2	2
38.75°	1	1	1	1	1	1	2	2	2	2	2
37.5°	1	1	1	1	1	2	2	2	2	2	2
36.25°	1	1	1	1	2	2	2	2	2	2	2
35°	1	1	1	2	2	2	2	2	2	2	3



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	1	1	1	2	2	2	2	2	2	3	3
32.5°	1	1	2	2	2	2	2	2	3	3	3
31.25°	1	1	2	2	2	2	2	2	3	3	3
30°	1	2	2	2	2	2	2	3	3	3	3
28.75°	2	2	2	2	2	2	3	3	3	3	3
27.5°	2	2	2	2	2	2	3	3	3	3	3
26.25°	2	2	2	2	2	3	3	3	3	3	4
25°	2	2	2	2	2	3	3	3	3	3	4
23.75°	2	2	2	2	3	3	3	3	3	4	4
22.5°	2	2	2	2	3	3	3	3	4	4	5
21.25°	2	2	2	3	3	3	3	3	4	4	5
20°	2	2	2	3	3	3	3	3	4	5	5
18.75°	2	2	2	3	3	3	3	4	4	5	5
17.5°	2	2	3	3	3	3	3	4	4	5	5
16.25°	2	2	3	3	3	3	4	4	5	5	5
15°	2	2	3	3	3	3	4	4	5	5	5
13.75°	2	2	3	3	3	3	4	4	5	5	6
12.5°	2	3	3	3	3	3	4	5	5	5	6
11.25°	2	3	3	3	3	4	4	5	5	5	6
10°	2	3	3	3	3	4	4	5	5	5	6
8.75°	2	3	3	3	3	4	4	5	5	6	6
7.5°	2	3	3	3	3	4	5	5	5	6	6
6.25°	2	3	3	3	3	4	5	5	5	6	6
5°	2	3	3	3	3	4	5	5	5	6	6
3.75°	3	3	3	3	4	4	5	5	5	6	6
2.5°	3	3	3	3	4	4	5	5	5	6	6
1.25°	3	3	3	3	4	4	5	5	5	6	6
0°	3	3	3	3	4	4	5	5	5	6	7
-1.25°	3	3	3	3	4	4	5	5	5	6	6
-2.5°	3	3	3	3	4	4	5	5	5	6	6
-3.75°	3	3	3	3	4	4	5	5	5	6	6
-5°	2	3	3	3	3	4	5	5	5	6	6
-6.25°	2	3	3	3	3	4	5	5	5	6	6
-7.5°	2	3	3	3	3	4	5	5	5	6	6
-8.75°	2	3	3	3	3	4	4	5	5	6	6
-10°	2	3	3	3	3	4	4	5	5	5	6
-11.25°	2	3	3	3	3	4	4	5	5	5	6
-12.5°	2	3	3	3	3	3	4	5	5	5	6
-13.75°	2	2	3	3	3	3	4	4	5	5	6
-15°	2	2	3	3	3	3	4	4	5	5	5
-16.25°	2	2	3	3	3	3	4	4	5	5	5
-17.5°	2	2	3	3	3	3	3	4	4	5	5
-18.75°	2	2	2	3	3	3	3	4	4	5	5
-20°	2	2	2	3	3	3	3	3	4	5	5
-21.25°	2	2	2	3	3	3	3	3	4	4	5



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	2	2	2	2	3	3	3	3	4	4	5
-23.75°	2	2	2	2	3	3	3	3	3	4	4
-25°	2	2	2	2	2	3	3	3	3	3	4
-26.25°	2	2	2	2	2	3	3	3	3	3	4
-27.5°	2	2	2	2	2	2	3	3	3	3	3
-28.75°	2	2	2	2	2	2	3	3	3	3	3
-30°	1	2	2	2	2	2	2	3	3	3	3
-31.25°	1	1	2	2	2	2	2	2	3	3	3
-32.5°	1	1	2	2	2	2	2	2	3	3	3
-33.75°	1	1	1	2	2	2	2	2	2	3	3
-35°	1	1	1	2	2	2	2	2	2	2	3
-36.25°	1	1	1	1	2	2	2	2	2	2	2
-37.5°	1	1	1	1	1	2	2	2	2	2	2
-38.75°	1	1	1	1	1	1	2	2	2	2	2
-40°	1	1	1	1	1	1	1	2	2	2	2
-41.25°	1	1	1	1	1	1	1	1	2	2	2
-42.5°	1	1	1	1	1	1	1	1	1	2	2
-43.75°	1	1	1	1	1	1	1	1	1	1	2
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	1	1	1
70°	0	0	0	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	2	2	2	2	2	2
47.5°	1	1	1	1	2	2	2	2	2	2	2
46.25°	1	1	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	3	3
42.5°	2	2	2	2	2	2	2	3	3	3	3
41.25°	2	2	2	2	2	3	3	3	3	3	3
40°	2	2	2	2	3	3	3	3	3	3	3
38.75°	2	2	3	3	3	3	3	3	3	3	4
37.5°	2	3	3	3	3	3	3	3	3	4	4
36.25°	3	3	3	3	3	3	3	4	4	4	5
35°	3	3	3	3	3	3	4	4	4	5	5



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	3	3	3	3	3	4	4	5	5	5	5
32.5°	3	3	3	4	4	4	5	5	5	5	5
31.25°	3	3	4	4	4	5	5	5	5	6	6
30°	3	3	4	4	5	5	5	5	6	6	6
28.75°	3	4	4	5	5	5	5	6	6	6	7
27.5°	4	4	5	5	5	5	6	6	6	7	7
26.25°	4	5	5	5	5	6	6	6	7	7	8
25°	4	5	5	5	6	6	6	7	7	8	9
23.75°	5	5	5	6	6	6	7	7	8	9	11
22.5°	5	5	5	6	6	7	7	8	9	11	12
21.25°	5	5	6	6	7	7	8	9	10	12	14
20°	5	5	6	6	7	8	9	10	12	14	16
18.75°	5	6	6	7	7	8	10	11	13	16	20
17.5°	5	6	6	7	8	9	11	13	15	19	23
16.25°	6	6	7	7	9	10	12	14	17	22	27
15°	6	6	7	8	9	11	13	15	20	25	32
13.75°	6	7	7	9	10	12	14	18	23	29	37
12.5°	6	7	8	9	11	13	15	20	25	33	42
11.25°	6	7	8	9	11	14	17	23	29	37	46
10°	7	7	9	10	12	15	19	25	32	41	51
8.75°	7	8	9	10	13	15	21	26	35	44	56
7.5°	7	8	9	11	13	17	22	29	38	48	60
6.25°	7	8	9	12	14	18	24	31	41	51	63
5°	7	8	10	12	14	19	25	33	43	54	66
3.75°	7	8	10	12	15	20	26	35	44	56	68
2.5°	7	9	10	12	15	20	26	36	45	58	70
1.25°	7	9	10	13	15	21	27	36	46	58	71
0°	7	9	10	13	15	21	27	36	46	59	71
-1.25°	7	9	10	13	15	21	27	36	46	58	71
-2.5°	7	9	10	12	15	20	26	36	45	58	70
-3.75°	7	8	10	12	15	20	26	35	44	56	68
-5°	7	8	10	12	14	19	25	33	43	54	66
-6.25°	7	8	9	12	14	18	24	31	41	51	63
-7.5°	7	8	9	11	13	17	22	29	38	48	60
-8.75°	7	8	9	10	13	15	21	26	35	44	56
-10°	7	7	9	10	12	15	19	25	32	41	51
-11.25°	6	7	8	9	11	14	17	23	29	37	46
-12.5°	6	7	8	9	11	13	15	20	25	33	42
-13.75°	6	7	7	9	10	12	14	18	23	29	37
-15°	6	6	7	8	9	11	13	15	20	25	32
-16.25°	6	6	7	7	9	10	12	14	17	22	27
-17.5°	5	6	6	7	8	9	11	13	15	19	23
-18.75°	5	6	6	7	7	8	10	11	13	16	20
-20°	5	5	6	6	7	8	9	10	12	14	16
-21.25°	5	5	6	6	7	7	8	9	10	12	14





REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	5	5	5	6	6	7	7	8	9	11	12
-23.75°	5	5	5	6	6	6	7	7	8	9	11
-25°	4	5	5	5	6	6	6	7	7	8	9
-26.25°	4	5	5	5	5	6	6	6	7	7	8
-27.5°	4	4	5	5	5	5	6	6	6	7	7
-28.75°	3	4	4	5	5	5	5	6	6	6	7
-30°	3	3	4	4	5	5	5	5	6	6	6
-31.25°	3	3	4	4	4	5	5	5	5	6	6
-32.5°	3	3	3	4	4	4	5	5	5	5	5
-33.75°	3	3	3	3	3	4	4	5	5	5	5
-35°	3	3	3	3	3	3	4	4	4	5	5
-36.25°	3	3	3	3	3	3	3	4	4	4	5
-37.5°	2	3	3	3	3	3	3	3	3	4	4
-38.75°	2	2	3	3	3	3	3	3	3	3	4
-40°	2	2	2	2	3	3	3	3	3	3	3
-41.25°	2	2	2	2	2	3	3	3	3	3	3
-42.5°	2	2	2	2	2	2	2	3	3	3	3
-43.75°	2	2	2	2	2	2	2	2	2	3	3
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	1	1	2	2	2	2	2	2	2	2	2
-47.5°	1	1	1	1	2	2	2	2	2	2	2
-48.75°	1	1	1	1	1	2	2	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	1	2
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	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	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	3	3
42.5°	3	3	3	3	3	3	3	3	4	4	4
41.25°	3	3	3	3	4	4	4	4	4	4	4
40°	3	3	4	4	4	4	4	5	5	5	5
38.75°	4	4	4	4	5	5	5	5	5	5	5
37.5°	4	5	5	5	5	5	5	5	5	5	6
36.25°	5	5	5	5	5	5	6	6	6	6	6
35°	5	5	5	5	6	6	6	6	6	7	7



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	5	5	6	6	6	6	7	7	7	7	8
32.5°	6	6	6	6	7	7	7	8	8	9	9
31.25°	6	6	7	7	7	8	9	9	9	10	10
30°	7	7	7	8	9	9	10	11	11	12	13
28.75°	7	8	8	9	10	11	12	13	14	15	15
27.5°	8	9	10	11	12	13	14	15	17	19	21
26.25°	9	10	11	13	14	15	18	20	23	25	26
25°	10	12	13	15	17	20	23	25	29	32	35
23.75°	12	14	16	19	22	25	29	33	37	41	44
22.5°	14	16	20	23	27	32	37	42	46	51	56
21.25°	17	20	24	29	34	40	45	51	57	62	67
20°	20	24	29	36	42	48	55	62	68	74	80
18.75°	24	29	36	43	50	58	65	72	80	86	92
17.5°	29	36	43	51	59	67	76	84	91	98	106
16.25°	34	42	50	59	68	77	86	95	104	114	123
15°	40	48	58	67	77	87	96	107	119	129	142
13.75°	45	55	65	76	86	96	109	121	133	153	173
12.5°	51	62	72	84	95	107	121	135	158	182	204
11.25°	57	68	80	91	104	119	133	158	185	210	252
10°	62	74	86	98	114	129	153	182	210	258	326
8.75°	67	80	92	106	123	142	173	204	252	326	439
7.5°	72	85	97	114	131	159	192	235	306	421	604
6.25°	76	89	103	121	140	174	208	268	368	541	802
5°	79	92	108	126	152	187	231	310	447	681	1011
3.75°	82	95	112	131	161	197	251	344	524	822	1211
2.5°	84	97	115	134	168	205	266	384	600	937	1364
1.25°	85	98	117	136	172	209	280	409	647	1008	1464
0°	85	99	118	136	174	211	285	418	662	1032	1499
-1.25°	85	98	117	136	172	209	280	409	647	1008	1464
-2.5°	84	97	115	134	168	205	266	384	600	937	1364
-3.75°	82	95	112	131	161	197	251	344	524	822	1211
-5°	79	92	108	126	152	187	231	310	447	681	1011
-6.25°	76	89	103	121	140	174	208	268	368	541	802
-7.5°	72	85	97	114	131	159	192	235	306	421	604
-8.75°	67	80	92	106	123	142	173	204	252	326	439
-10°	62	74	86	98	114	129	153	182	210	258	326
-11.25°	57	68	80	91	104	119	133	158	185	210	252
-12.5°	51	62	72	84	95	107	121	135	158	182	204
-13.75°	45	55	65	76	86	96	109	121	133	153	173
-15°	40	48	58	67	77	87	96	107	119	129	142
-16.25°	34	42	50	59	68	77	86	95	104	114	123
-17.5°	29	36	43	51	59	67	76	84	91	98	106
-18.75°	24	29	36	43	50	58	65	72	80	86	92
-20°	20	24	29	36	42	48	55	62	68	74	80
-21.25°	17	20	24	29	34	40	45	51	57	62	67



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	14	16	20	23	27	32	37	42	46	51	56
-23.75°	12	14	16	19	22	25	29	33	37	41	44
-25°	10	12	13	15	17	20	23	25	29	32	35
-26.25°	9	10	11	13	14	15	18	20	23	25	26
-27.5°	8	9	10	11	12	13	14	15	17	19	21
-28.75°	7	8	8	9	10	11	12	13	14	15	15
-30°	7	7	7	8	9	9	10	11	11	12	13
-31.25°	6	6	7	7	7	8	9	9	9	10	10
-32.5°	6	6	6	6	7	7	7	8	8	9	9
-33.75°	5	5	6	6	6	6	7	7	7	7	8
-35°	5	5	5	5	6	6	6	6	6	7	7
-36.25°	5	5	5	5	5	5	6	6	6	6	6
-37.5°	4	5	5	5	5	5	5	5	5	5	6
-38.75°	4	4	4	4	5	5	5	5	5	5	5
-40°	3	3	4	4	4	4	4	5	5	5	5
-41.25°	3	3	3	3	4	4	4	4	4	4	4
-42.5°	3	3	3	3	3	3	3	3	4	4	4
-43.75°	3	3	3	3	3	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	2	2	2	3	3	3	3	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	1	1	1	2	2	2	2	2	2	2	2
-53.75°	1	1	1	1	1	1	1	1	2	2	2
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	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	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	3	3	3	3	3	3	3	2
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	4	4	4	4	4	4	4	3
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	5	5	5	5	5	5	5	5	5	5	5
38.75°	5	5	5	5	5	5	5	5	5	5	5
37.5°	6	6	6	6	6	6	6	6	6	6	6
36.25°	6	6	6	6	6	6	7	6	6	6	6
35°	7	7	7	7	7	7	7	7	7	7	7



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	8	8	8	8	9	9	9	9	9	8	8
32.5°	9	9	10	10	10	10	10	10	10	10	10
31.25°	11	12	12	12	12	13	13	13	12	12	12
30°	13	14	14	15	15	15	15	15	15	15	14
28.75°	17	18	19	20	20	21	21	21	20	20	19
27.5°	22	24	25	26	26	27	27	27	26	26	25
26.25°	29	31	33	35	36	36	36	36	36	35	33
25°	38	41	43	44	45	46	46	46	45	44	43
23.75°	48	51	54	56	58	58	59	58	58	56	54
22.5°	60	63	66	68	70	71	71	71	70	68	66
21.25°	72	76	79	82	84	85	85	85	84	82	79
20°	85	89	92	95	97	98	99	98	97	95	92
18.75°	97	103	108	112	115	117	118	117	115	112	108
17.5°	114	121	126	131	134	136	136	136	134	131	126
16.25°	131	140	152	161	168	172	174	172	168	161	152
15°	159	174	187	197	205	209	211	209	205	197	187
13.75°	192	208	231	251	266	280	285	280	266	251	231
12.5°	235	268	310	344	384	409	418	409	384	344	310
11.25°	306	368	447	524	600	647	662	647	600	524	447
10°	421	541	681	822	937	1008	1032	1008	937	822	681
8.75°	604	802	1011	1211	1364	1464	1499	1464	1364	1211	1011
7.5°	848	1123	1398	1645	1833	1951	1991	1951	1833	1645	1398
6.25°	1123	1467	1796	2076	2289	2422	2469	2422	2289	2076	1796
5°	1398	1796	2161	2470	2715	2876	2933	2876	2715	2470	2161
3.75°	1645	2076	2470	2821	3118	3326	3403	3326	3118	2821	2470
2.5°	1833	2289	2715	3118	3484	3755	3855	3755	3484	3118	2715
1.25°	1951	2422	2876	3326	3755	4078	4198	4078	3755	3326	2876
0°	1991	2469	2933	3403	3855	4198	4364	4198	3855	3403	2933
-1.25°	1951	2422	2876	3326	3755	4078	4198	4078	3755	3326	2876
-2.5°	1833	2289	2715	3118	3484	3755	3855	3755	3484	3118	2715
-3.75°	1645	2076	2470	2821	3118	3326	3403	3326	3118	2821	2470
-5°	1398	1796	2161	2470	2715	2876	2933	2876	2715	2470	2161
-6.25°	1123	1467	1796	2076	2289	2422	2469	2422	2289	2076	1796
-7.5°	848	1123	1398	1645	1833	1951	1991	1951	1833	1645	1398
-8.75°	604	802	1011	1211	1364	1464	1499	1464	1364	1211	1011
-10°	421	541	681	822	937	1008	1032	1008	937	822	681
-11.25°	306	368	447	524	600	647	662	647	600	524	447
-12.5°	235	268	310	344	384	409	418	409	384	344	310
-13.75°	192	208	231	251	266	280	285	280	266	251	231
-15°	159	174	187	197	205	209	211	209	205	197	187
-16.25°	131	140	152	161	168	172	174	172	168	161	152
-17.5°	114	121	126	131	134	136	136	136	134	131	126
-18.75°	97	103	108	112	115	117	118	117	115	112	108
-20°	85	89	92	95	97	98	99	98	97	95	92
-21.25°	72	76	79	82	84	85	85	85	84	82	79





REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	60	63	66	68	70	71	71	71	70	68	66
-23.75°	48	51	54	56	58	58	59	58	58	56	54
-25°	38	41	43	44	45	46	46	46	45	44	43
-26.25°	29	31	33	35	36	36	36	36	36	35	33
-27.5°	22	24	25	26	26	27	27	27	26	26	25
-28.75°	17	18	19	20	20	21	21	21	20	20	19
-30°	13	14	14	15	15	15	15	15	15	15	14
-31.25°	11	12	12	12	12	13	13	13	12	12	12
-32.5°	9	9	10	10	10	10	10	10	10	10	10
-33.75°	8	8	8	8	9	9	9	9	9	8	8
-35°	7	7	7	7	7	7	7	7	7	7	7
-36.25°	6	6	6	6	6	6	7	6	6	6	6
-37.5°	6	6	6	6	6	6	6	6	6	6	6
-38.75°	5	5	5	5	5	5	5	5	5	5	5
-40°	5	5	5	5	5	5	5	5	5	5	5
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	3	3	3	4	4	4	4	4	4	4	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	2	2	2	3	3	3	3	3	3	3	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	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	2	2	2	2	1	1	1	1	1	1
52.5°	2	2	2	2	2	2	2	2	2	2	1
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	3	3	3	3	3	3	2	2	2	2	2
46.25°	3	3	3	3	3	3	3	3	3	3	2
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	3	3
42.5°	4	4	4	4	4	3	3	3	3	3	3
41.25°	5	5	4	4	4	4	4	4	4	3	3
40°	5	5	5	5	5	5	4	4	4	4	4
38.75°	5	5	5	5	5	5	5	5	5	4	4
37.5°	6	6	6	5	5	5	5	5	5	5	5
36.25°	6	6	6	6	6	6	6	5	5	5	5
35°	7	7	7	7	6	6	6	6	6	5	5



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	8	8	8	7	7	7	7	6	6	6	6
32.5°	9	9	9	9	8	8	7	7	7	6	6
31.25°	12	11	10	10	9	9	9	8	7	7	7
30°	14	13	13	12	11	11	10	9	9	8	7
28.75°	18	17	15	15	14	13	12	11	10	9	8
27.5°	24	22	21	19	17	15	14	13	12	11	10
26.25°	31	29	26	25	23	20	18	15	14	13	11
25°	41	38	35	32	29	25	23	20	17	15	13
23.75°	51	48	44	41	37	33	29	25	22	19	16
22.5°	63	60	56	51	46	42	37	32	27	23	20
21.25°	76	72	67	62	57	51	45	40	34	29	24
20°	89	85	80	74	68	62	55	48	42	36	29
18.75°	103	97	92	86	80	72	65	58	50	43	36
17.5°	121	114	106	98	91	84	76	67	59	51	43
16.25°	140	131	123	114	104	95	86	77	68	59	50
15°	174	159	142	129	119	107	96	87	77	67	58
13.75°	208	192	173	153	133	121	109	96	86	76	65
12.5°	268	235	204	182	158	135	121	107	95	84	72
11.25°	368	306	252	210	185	158	133	119	104	91	80
10°	541	421	326	258	210	182	153	129	114	98	86
8.75°	802	604	439	326	252	204	173	142	123	106	92
7.5°	1123	848	604	421	306	235	192	159	131	114	97
6.25°	1467	1123	802	541	368	268	208	174	140	121	103
5°	1796	1398	1011	681	447	310	231	187	152	126	108
3.75°	2076	1645	1211	822	524	344	251	197	161	131	112
2.5°	2289	1833	1364	937	600	384	266	205	168	134	115
1.25°	2422	1951	1464	1008	647	409	280	209	172	136	117
0°	2469	1991	1499	1032	662	418	285	211	174	136	118
-1.25°	2422	1951	1464	1008	647	409	280	209	172	136	117
-2.5°	2289	1833	1364	937	600	384	266	205	168	134	115
-3.75°	2076	1645	1211	822	524	344	251	197	161	131	112
-5°	1796	1398	1011	681	447	310	231	187	152	126	108
-6.25°	1467	1123	802	541	368	268	208	174	140	121	103
-7.5°	1123	848	604	421	306	235	192	159	131	114	97
-8.75°	802	604	439	326	252	204	173	142	123	106	92
-10°	541	421	326	258	210	182	153	129	114	98	86
-11.25°	368	306	252	210	185	158	133	119	104	91	80
-12.5°	268	235	204	182	158	135	121	107	95	84	72
-13.75°	208	192	173	153	133	121	109	96	86	76	65
-15°	174	159	142	129	119	107	96	87	77	67	58
-16.25°	140	131	123	114	104	95	86	77	68	59	50
-17.5°	121	114	106	98	91	84	76	67	59	51	43
-18.75°	103	97	92	86	80	72	65	58	50	43	36
-20°	89	85	80	74	68	62	55	48	42	36	29
-21.25°	76	72	67	62	57	51	45	40	34	29	24



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	63	60	56	51	46	42	37	32	27	23	20
-23.75°	51	48	44	41	37	33	29	25	22	19	16
-25°	41	38	35	32	29	25	23	20	17	15	13
-26.25°	31	29	26	25	23	20	18	15	14	13	11
-27.5°	24	22	21	19	17	15	14	13	12	11	10
-28.75°	18	17	15	15	14	13	12	11	10	9	8
-30°	14	13	13	12	11	11	10	9	9	8	7
-31.25°	12	11	10	10	9	9	9	8	7	7	7
-32.5°	9	9	9	9	8	8	7	7	7	6	6
-33.75°	8	8	8	7	7	7	7	6	6	6	6
-35°	7	7	7	7	6	6	6	6	6	5	5
-36.25°	6	6	6	6	6	6	6	5	5	5	5
-37.5°	6	6	6	5	5	5	5	5	5	5	5
-38.75°	5	5	5	5	5	5	5	5	5	4	4
-40°	5	5	5	5	5	5	4	4	4	4	4
-41.25°	5	5	4	4	4	4	4	4	4	3	3
-42.5°	4	4	4	4	4	3	3	3	3	3	3
-43.75°	3	3	3	3	3	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	2
-47.5°	3	3	3	3	3	3	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	1
-53.75°	2	2	2	2	2	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	0	0	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	0
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	2	2	2	1	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	2	2	2	2	2	2	2	2	1	1	1
47.5°	2	2	2	2	2	2	2	2	2	1	1
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	3	3	2	2	2	2	2	2	2	2	2
43.75°	3	3	3	3	2	2	2	2	2	2	2
42.5°	3	3	3	3	3	3	2	2	2	2	2
41.25°	3	3	3	3	3	3	3	3	2	2	2
40°	3	3	3	3	3	3	3	3	3	2	2
38.75°	4	4	4	3	3	3	3	3	3	3	3
37.5°	5	4	4	4	3	3	3	3	3	3	3
36.25°	5	5	5	4	4	4	3	3	3	3	3
35°	5	5	5	5	4	4	4	3	3	3	3



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	5	5	5	5	5	5	4	4	3	3	3
32.5°	6	6	5	5	5	5	5	4	4	4	3
31.25°	6	6	6	6	5	5	5	5	4	4	4
30°	7	7	6	6	6	5	5	5	5	4	4
28.75°	8	7	7	6	6	6	5	5	5	5	4
27.5°	9	8	7	7	6	6	6	5	5	5	5
26.25°	10	9	8	7	7	6	6	6	5	5	5
25°	12	10	9	8	7	7	6	6	6	5	5
23.75°	14	12	11	9	8	7	7	6	6	6	5
22.5°	16	14	12	11	9	8	7	7	6	6	5
21.25°	20	17	14	12	10	9	8	7	7	6	6
20°	24	20	16	14	12	10	9	8	7	6	6
18.75°	29	24	20	16	13	11	10	8	7	7	6
17.5°	36	29	23	19	15	13	11	9	8	7	6
16.25°	42	34	27	22	17	14	12	10	9	7	7
15°	48	40	32	25	20	15	13	11	9	8	7
13.75°	55	45	37	29	23	18	14	12	10	9	7
12.5°	62	51	42	33	25	20	15	13	11	9	8
11.25°	68	57	46	37	29	23	17	14	11	9	8
10°	74	62	51	41	32	25	19	15	12	10	9
8.75°	80	67	56	44	35	26	21	15	13	10	9
7.5°	85	72	60	48	38	29	22	17	13	11	9
6.25°	89	76	63	51	41	31	24	18	14	12	9
5°	92	79	66	54	43	33	25	19	14	12	10
3.75°	95	82	68	56	44	35	26	20	15	12	10
2.5°	97	84	70	58	45	36	26	20	15	12	10
1.25°	98	85	71	58	46	36	27	21	15	13	10
0°	99	85	71	59	46	36	27	21	15	13	10
-1.25°	98	85	71	58	46	36	27	21	15	13	10
-2.5°	97	84	70	58	45	36	26	20	15	12	10
-3.75°	95	82	68	56	44	35	26	20	15	12	10
-5°	92	79	66	54	43	33	25	19	14	12	10
-6.25°	89	76	63	51	41	31	24	18	14	12	9
-7.5°	85	72	60	48	38	29	22	17	13	11	9
-8.75°	80	67	56	44	35	26	21	15	13	10	9
-10°	74	62	51	41	32	25	19	15	12	10	9
-11.25°	68	57	46	37	29	23	17	14	11	9	8
-12.5°	62	51	42	33	25	20	15	13	11	9	8
-13.75°	55	45	37	29	23	18	14	12	10	9	7
-15°	48	40	32	25	20	15	13	11	9	8	7
-16.25°	42	34	27	22	17	14	12	10	9	7	7
-17.5°	36	29	23	19	15	13	11	9	8	7	6
-18.75°	29	24	20	16	13	11	10	8	7	7	6
-20°	24	20	16	14	12	10	9	8	7	6	6
-21.25°	20	17	14	12	10	9	8	7	7	6	6





REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	16	14	12	11	9	8	7	7	6	6	5
-23.75°	14	12	11	9	8	7	7	6	6	6	5
-25°	12	10	9	8	7	7	6	6	6	5	5
-26.25°	10	9	8	7	7	6	6	6	5	5	5
-27.5°	9	8	7	7	6	6	6	5	5	5	5
-28.75°	8	7	7	6	6	6	5	5	5	5	4
-30°	7	7	6	6	6	5	5	5	5	4	4
-31.25°	6	6	6	6	5	5	5	5	4	4	4
-32.5°	6	6	5	5	5	5	5	4	4	4	3
-33.75°	5	5	5	5	5	5	4	4	3	3	3
-35°	5	5	5	5	4	4	4	3	3	3	3
-36.25°	5	5	5	4	4	4	3	3	3	3	3
-37.5°	5	4	4	4	3	3	3	3	3	3	3
-38.75°	4	4	4	3	3	3	3	3	3	3	3
-40°	3	3	3	3	3	3	3	3	3	2	2
-41.25°	3	3	3	3	3	3	3	3	2	2	2
-42.5°	3	3	3	3	3	3	2	2	2	2	2
-43.75°	3	3	3	3	2	2	2	2	2	2	2
-45°	3	3	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	1	1
-48.75°	2	2	2	2	2	2	2	2	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	0
-71.25°	1	1	1	1	1	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	2	2	1	1	1	1	1	1	1	1	1
43.75°	2	2	2	1	1	1	1	1	1	1	1
42.5°	2	2	2	2	1	1	1	1	1	1	1
41.25°	2	2	2	2	2	1	1	1	1	1	1
40°	2	2	2	2	2	2	1	1	1	1	1
38.75°	2	2	2	2	2	2	2	1	1	1	1
37.5°	3	2	2	2	2	2	2	2	1	1	1
36.25°	3	3	2	2	2	2	2	2	2	1	1
35°	3	3	3	2	2	2	2	2	2	2	1



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	3	3	3	3	2	2	2	2	2	2	1
32.5°	3	3	3	3	3	2	2	2	2	2	2
31.25°	3	3	3	3	3	2	2	2	2	2	2
30°	3	3	3	3	3	3	2	2	2	2	2
28.75°	4	3	3	3	3	3	3	2	2	2	2
27.5°	4	4	3	3	3	3	3	2	2	2	2
26.25°	5	4	4	3	3	3	3	3	2	2	2
25°	5	4	4	3	3	3	3	3	2	2	2
23.75°	5	5	4	4	3	3	3	3	3	2	2
22.5°	5	5	5	4	4	3	3	3	3	2	2
21.25°	5	5	5	4	4	3	3	3	3	3	2
20°	5	5	5	5	4	3	3	3	3	3	2
18.75°	6	5	5	5	4	4	3	3	3	3	2
17.5°	6	5	5	5	4	4	3	3	3	3	3
16.25°	6	6	5	5	5	4	4	3	3	3	3
15°	6	6	5	5	5	4	4	3	3	3	3
13.75°	7	6	6	5	5	4	4	3	3	3	3
12.5°	7	6	6	5	5	5	4	3	3	3	3
11.25°	7	6	6	5	5	5	4	4	3	3	3
10°	7	7	6	5	5	5	4	4	3	3	3
8.75°	8	7	6	6	5	5	4	4	3	3	3
7.5°	8	7	6	6	5	5	5	4	3	3	3
6.25°	8	7	6	6	5	5	5	4	3	3	3
5°	8	7	6	6	5	5	5	4	3	3	3
3.75°	8	7	6	6	5	5	5	4	4	3	3
2.5°	9	7	6	6	5	5	5	4	4	3	3
1.25°	9	7	6	6	5	5	5	4	4	3	3
0°	9	7	7	6	5	5	5	4	4	3	3
-1.25°	9	7	6	6	5	5	5	4	4	3	3
-2.5°	9	7	6	6	5	5	5	4	4	3	3
-3.75°	8	7	6	6	5	5	5	4	4	3	3
-5°	8	7	6	6	5	5	5	4	3	3	3
-6.25°	8	7	6	6	5	5	5	4	3	3	3
-7.5°	8	7	6	6	5	5	5	4	3	3	3
-8.75°	8	7	6	6	5	5	4	4	3	3	3
-10°	7	7	6	5	5	5	4	4	3	3	3
-11.25°	7	6	6	5	5	5	4	4	3	3	3
-12.5°	7	6	6	5	5	5	4	3	3	3	3
-13.75°	7	6	6	5	5	4	4	3	3	3	3
-15°	6	6	5	5	5	4	4	3	3	3	3
-16.25°	6	6	5	5	5	4	4	3	3	3	3
-17.5°	6	5	5	5	4	4	3	3	3	3	3
-18.75°	6	5	5	5	4	4	3	3	3	3	2
-20°	5	5	5	5	4	3	3	3	3	3	2
-21.25°	5	5	5	4	4	3	3	3	3	3	2



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	5	5	5	4	4	3	3	3	3	2	2
-23.75°	5	5	4	4	3	3	3	3	3	2	2
-25°	5	4	4	3	3	3	3	3	2	2	2
-26.25°	5	4	4	3	3	3	3	3	2	2	2
-27.5°	4	4	3	3	3	3	3	2	2	2	2
-28.75°	4	3	3	3	3	3	3	2	2	2	2
-30°	3	3	3	3	3	3	2	2	2	2	2
-31.25°	3	3	3	3	3	2	2	2	2	2	2
-32.5°	3	3	3	3	3	2	2	2	2	2	2
-33.75°	3	3	3	3	2	2	2	2	2	2	1
-35°	3	3	3	2	2	2	2	2	2	2	1
-36.25°	3	3	2	2	2	2	2	2	2	1	1
-37.5°	3	2	2	2	2	2	2	2	1	1	1
-38.75°	2	2	2	2	2	2	2	1	1	1	1
-40°	2	2	2	2	2	2	1	1	1	1	1
-41.25°	2	2	2	2	2	1	1	1	1	1	1
-42.5°	2	2	2	2	1	1	1	1	1	1	1
-43.75°	2	2	2	1	1	1	1	1	1	1	1
-45°	2	2	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	2	2	2	2	1	1	1	1	1	1	1
-23.75°	2	2	2	1	1	1	1	1	1	1	1
-25°	2	2	2	1	1	1	1	1	1	1	1
-26.25°	2	2	1	1	1	1	1	1	1	1	1
-27.5°	2	2	1	1	1	1	1	1	1	1	1
-28.75°	2	2	1	1	1	1	1	1	1	1	1
-30°	2	1	1	1	1	1	1	1	1	1	1
-31.25°	1	1	1	1	1	1	1	1	1	1	1
-32.5°	1	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	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	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	0
-56.25°	1	1	1	1	1	1	1	1	1	0	0
-57.5°	1	1	1	1	1	1	1	1	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	1	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	0	0	0
-27.5°	1	1	1	1	1	1	1	1	0	0	0
-28.75°	1	1	1	1	1	1	1	1	0	0	0
-30°	1	1	1	1	1	1	1	1	0	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	0	0	0	0
-33.75°	1	1	1	1	1	1	1	0	0	0	0
-35°	1	1	1	1	1	1	1	0	0	0	0
-36.25°	1	1	1	1	1	1	1	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	0	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	0	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220405 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)