

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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

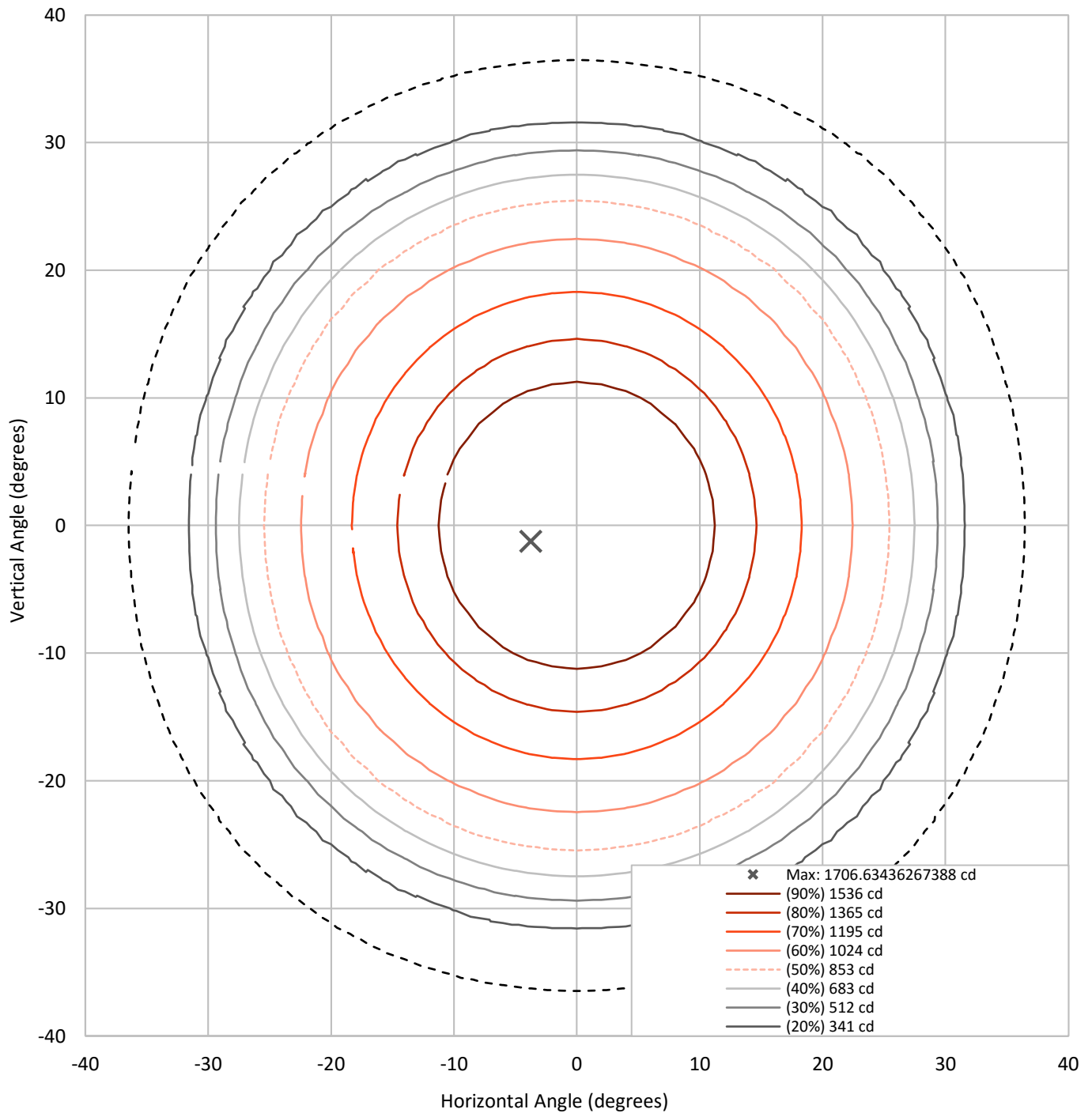
Test Method: LM-79-08
Report Number: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1138.8 lumens	Max Intensity:	1706.6 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	56.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	767.1 lumens	Field Lumens:	1023.1 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

Iso-Candela Plot





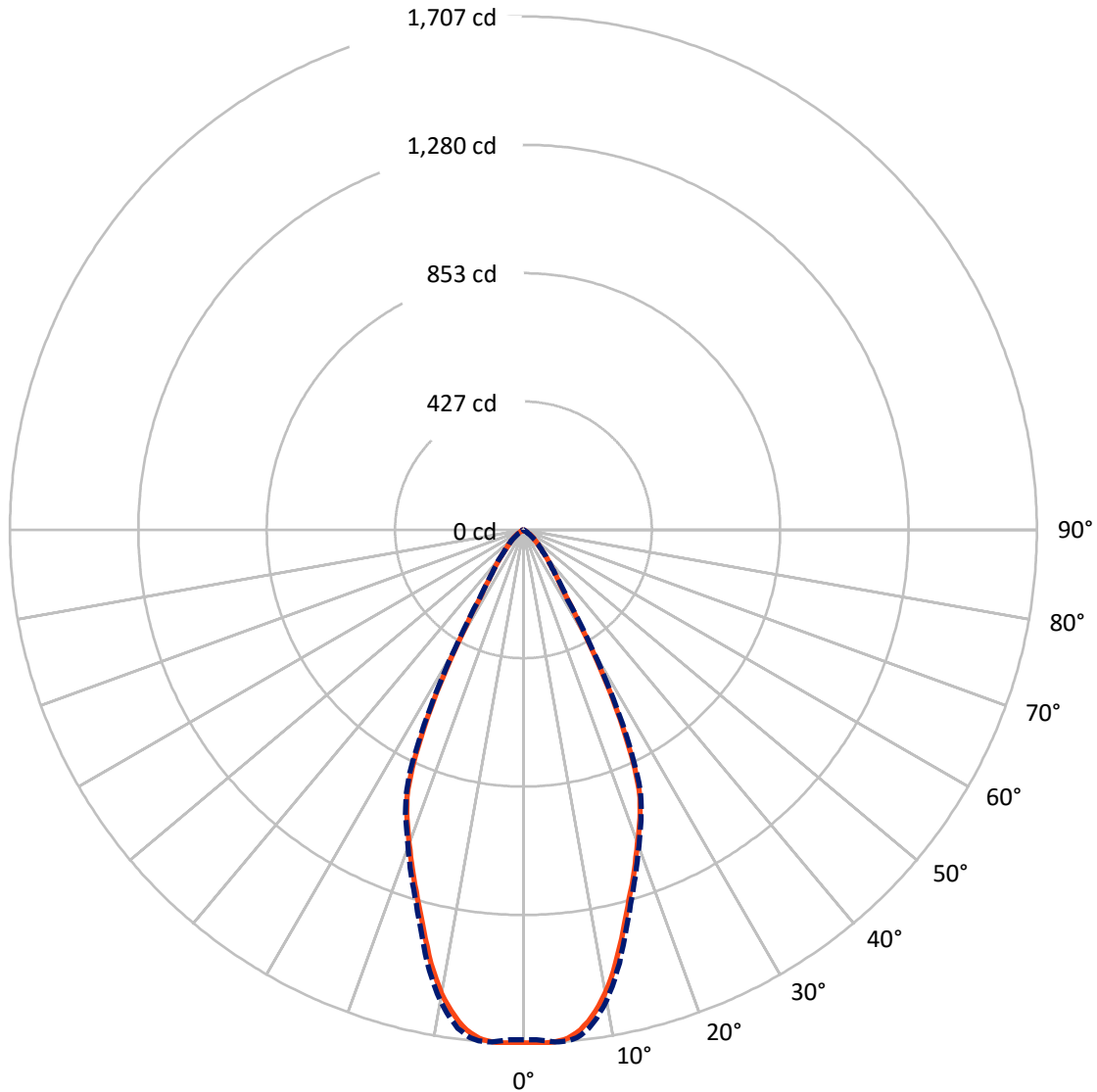
REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
70	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	
60		0.0	0.0	0.1	0.1	0.2	0.5	0.6	0.6	0.5	0.2	0.1	0.1		0.0
50	0.0	0.0	0.1	0.1	0.6	1.2	1.8	2.2	2.2	1.8	1.2	0.6	0.1	0.1	0.0
40		0.0	0.1	0.5	1.4	2.7	4.6	6.5	6.5	4.6	2.7	1.4	0.5	0.1	0.0
30	0.0	0.0	0.2	1.0	2.5	6.4	16.4	24.5	24.5	16.4	6.4	2.5	1.0	0.2	0.0
20		0.0	0.3	1.3	3.9	15.5	31.3	39.5	39.5	31.3	15.5	3.9	1.3	0.3	0.0
10	0.0	0.0	0.4	1.6	5.4	22.4	38.3	49.7	49.7	38.3	22.4	5.4	1.6	0.4	0.0
0		0.0	0.4	1.6	5.4	22.4	38.3	49.7	49.7	38.3	22.4	5.4	1.6	0.4	0.0
-10	0.0	0.0	0.3	1.3	3.9	15.5	31.3	39.5	39.5	31.3	15.5	3.9	1.3	0.3	0.0
-20		0.0	0.2	1.0	2.5	6.4	16.4	24.5	24.5	16.4	6.4	2.5	1.0	0.2	0.0
-30	0.0	0.0	0.1	0.5	1.4	2.7	4.6	6.5	6.5	4.6	2.7	1.4	0.5	0.1	0.0
-40		0.0	0.1	0.1	0.6	1.2	1.8	2.2	2.2	1.8	1.2	0.6	0.1	0.1	0.0
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.6	0.6	0.5	0.2	0.1	0.1	0.0	0.0
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-70	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
-80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	

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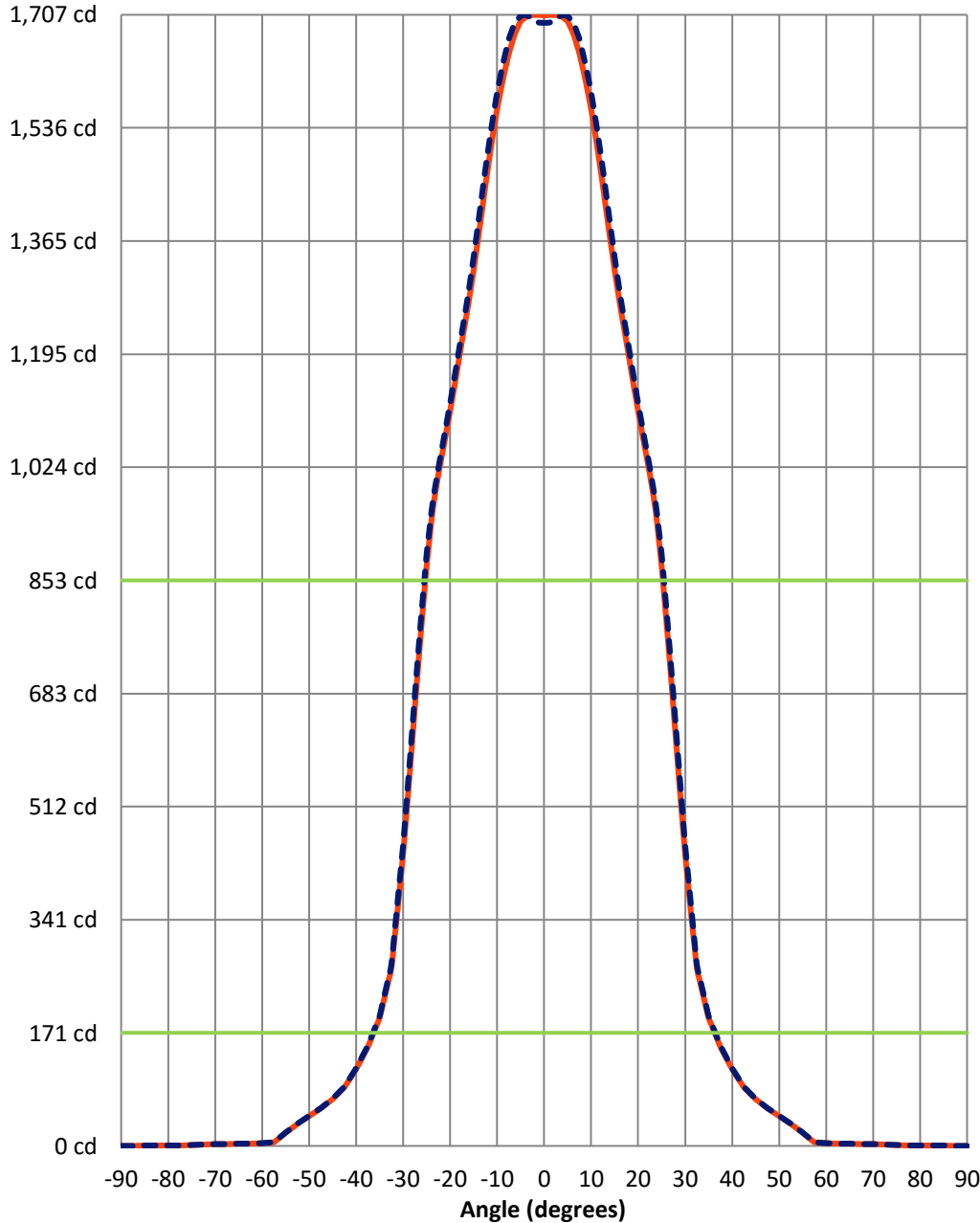
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 767.1
 Efficiency: 67.4%

Field:
 H Angle: 72.8°
 V Angle: 72.6°
 Lumens: 1023.1
 Efficiency: 89.8%

Spill:
 Lumens: 115.7
 Efficiency: 10.2%

— Vertical Distribution through -3.75-Deg
 - - Horizontal Distribution through -1.25-Deg



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

FIELD
BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	1	1	1	1	1	1
32.5°	0	0	0	0	0	1	1	1	1	1	1
31.25°	0	0	0	0	0	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	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	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	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	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	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	1	1	1	1	1	1
-33.75°	0	0	0	0	0	1	1	1	1	1	1
-35°	0	0	0	0	0	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-48.75°	0	0	0	0	0	0	1	1	1	1	1
-50°	0	0	0	0	0	0	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	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	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	1	1	1
-63.75°	0	0	0	0	0	0	0	0	1	1	1
-65°	0	0	0	0	0	0	0	0	0	1	1
-66.25°	0	0	0	0	0	0	0	0	0	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	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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	1	1	1	1	2	2	2	2	3	3	3
32.5°	1	1	1	1	2	2	2	2	3	3	3
31.25°	1	1	1	1	2	2	2	3	3	3	3
30°	1	1	1	1	2	2	2	3	3	3	3
28.75°	1	1	1	1	2	2	2	3	3	3	3
27.5°	1	1	1	2	2	2	2	3	3	3	3
26.25°	1	1	1	2	2	2	3	3	3	3	3
25°	1	1	1	2	2	2	3	3	3	3	3
23.75°	1	1	1	2	2	2	3	3	3	3	3
22.5°	1	1	1	2	2	2	3	3	3	3	3
21.25°	1	1	1	2	2	2	3	3	3	3	3
20°	1	1	1	2	2	2	3	3	3	3	3
18.75°	1	1	2	2	2	2	3	3	3	3	3
17.5°	1	1	2	2	2	3	3	3	3	3	3
16.25°	1	1	2	2	2	3	3	3	3	3	4
15°	1	1	2	2	2	3	3	3	3	3	4
13.75°	1	1	2	2	2	3	3	3	3	3	4
12.5°	1	1	2	2	2	3	3	3	3	3	4
11.25°	1	1	2	2	2	3	3	3	3	3	4
10°	1	1	2	2	2	3	3	3	3	3	4
8.75°	1	1	2	2	2	3	3	3	3	3	4
7.5°	1	1	2	2	2	3	3	3	3	3	4
6.25°	1	1	2	2	2	3	3	3	3	3	4
5°	1	1	2	2	2	3	3	3	3	3	4
3.75°	1	1	2	2	2	3	3	3	3	3	4
2.5°	1	1	2	2	2	3	3	3	3	3	4
1.25°	1	1	2	2	2	3	3	3	3	3	4
0°	1	1	2	2	2	3	3	3	3	4	4
-1.25°	1	1	2	2	2	3	3	3	3	4	4
-2.5°	1	1	2	2	2	3	3	3	3	3	4
-3.75°	1	1	2	2	2	3	3	3	3	3	4
-5°	1	1	2	2	2	3	3	3	3	3	4
-6.25°	1	1	2	2	2	3	3	3	3	3	4
-7.5°	1	1	2	2	2	3	3	3	3	3	4
-8.75°	1	1	2	2	2	3	3	3	3	3	4
-10°	1	1	2	2	2	3	3	3	3	3	4
-11.25°	1	1	2	2	2	3	3	3	3	3	4
-12.5°	1	1	2	2	2	3	3	3	3	3	4
-13.75°	1	1	2	2	2	3	3	3	3	3	4
-15°	1	1	2	2	2	3	3	3	3	3	4
-16.25°	1	1	2	2	2	3	3	3	3	3	4
-17.5°	1	1	2	2	2	3	3	3	3	3	3
-18.75°	1	1	2	2	2	2	3	3	3	3	3
-20°	1	1	1	2	2	2	3	3	3	3	3
-21.25°	1	1	1	2	2	2	3	3	3	3	3



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	1	2	2	2	3	3	3	3	3
-23.75°	1	1	1	2	2	2	3	3	3	3	3
-25°	1	1	1	2	2	2	3	3	3	3	3
-26.25°	1	1	1	2	2	2	3	3	3	3	3
-27.5°	1	1	1	2	2	2	2	3	3	3	3
-28.75°	1	1	1	1	2	2	2	3	3	3	3
-30°	1	1	1	1	2	2	2	3	3	3	3
-31.25°	1	1	1	1	2	2	2	3	3	3	3
-32.5°	1	1	1	1	2	2	2	2	3	3	3
-33.75°	1	1	1	1	2	2	2	2	3	3	3
-35°	1	1	1	1	1	2	2	2	3	3	3
-36.25°	1	1	1	1	1	2	2	2	3	3	3
-37.5°	1	1	1	1	1	2	2	2	2	3	3
-38.75°	1	1	1	1	1	2	2	2	2	3	3
-40°	1	1	1	1	1	1	2	2	2	2	3
-41.25°	1	1	1	1	1	1	2	2	2	2	3
-42.5°	1	1	1	1	1	1	2	2	2	2	3
-43.75°	1	1	1	1	1	1	1	2	2	2	2
-45°	1	1	1	1	1	1	1	2	2	2	2
-46.25°	1	1	1	1	1	1	1	1	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-48.75°	1	1	1	1	1	1	1	1	2	2	2
-50°	1	1	1	1	1	1	1	1	1	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	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°	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	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	1	1	1	1	1	1	1	1	1
-75°	0	0	0	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	1	1	1
-80°	0	0	0	0	0	0	0	0	0	0	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	1	1	1	1	1
81.25°	0	0	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
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	2
63.75°	1	1	1	1	1	1	1	1	2	2	2
62.5°	1	1	1	1	1	1	2	2	2	2	2
61.25°	1	1	1	1	1	2	2	2	2	2	2
60°	1	1	1	1	2	2	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	3	3
57.5°	1	1	2	2	2	2	2	2	3	3	3
56.25°	1	2	2	2	2	2	2	3	3	3	3
55°	2	2	2	2	2	2	3	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	2	3	3	3	3	3	3	3
51.25°	2	2	2	3	3	3	3	3	3	3	3
50°	2	2	2	3	3	3	3	3	3	3	3
48.75°	2	2	3	3	3	3	3	3	3	3	4
47.5°	2	3	3	3	3	3	3	3	3	4	4
46.25°	2	3	3	3	3	3	3	3	3	4	4
45°	3	3	3	3	3	3	3	3	4	4	4
43.75°	3	3	3	3	3	3	3	4	4	4	4
42.5°	3	3	3	3	3	3	4	4	4	4	4
41.25°	3	3	3	3	3	3	4	4	4	4	4
40°	3	3	3	3	3	4	4	4	4	4	4
38.75°	3	3	3	3	3	4	4	4	4	4	4
37.5°	3	3	3	3	4	4	4	4	4	4	5
36.25°	3	3	3	3	4	4	4	4	4	4	5
35°	3	3	3	4	4	4	4	4	4	5	5



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	3	3	4	4	4	4	4	4	5	5
32.5°	3	3	3	4	4	4	4	4	5	5	8
31.25°	3	3	4	4	4	4	4	4	5	6	11
30°	3	3	4	4	4	4	4	5	5	8	13
28.75°	3	3	4	4	4	4	4	5	5	10	16
27.5°	3	4	4	4	4	4	5	5	7	13	19
26.25°	3	4	4	4	4	4	5	5	9	15	21
25°	3	4	4	4	4	4	5	6	11	18	24
23.75°	4	4	4	4	4	5	5	7	14	20	26
22.5°	4	4	4	4	4	5	5	9	16	22	28
21.25°	4	4	4	4	4	5	5	11	18	24	30
20°	4	4	4	4	4	5	6	13	20	26	32
18.75°	4	4	4	4	5	5	8	15	21	27	34
17.5°	4	4	4	4	5	5	10	16	23	29	35
16.25°	4	4	4	4	5	5	11	18	24	31	36
15°	4	4	4	4	5	6	12	19	26	32	38
13.75°	4	4	4	4	5	7	14	21	27	33	39
12.5°	4	4	4	4	5	8	15	22	28	34	40
11.25°	4	4	4	5	5	9	16	23	29	35	41
10°	4	4	4	5	5	10	17	24	30	36	42
8.75°	4	4	4	5	5	10	18	24	31	37	43
7.5°	4	4	4	5	5	11	18	25	32	38	44
6.25°	4	4	4	5	5	12	19	26	32	38	44
5°	4	4	4	5	6	12	19	26	33	39	45
3.75°	4	4	4	5	6	12	20	26	33	39	45
2.5°	4	4	4	5	6	13	20	27	33	39	45
1.25°	4	4	4	5	6	13	20	27	34	39	45
0°	4	4	4	5	6	13	20	27	34	40	46
-1.25°	4	4	4	5	6	13	20	27	34	40	46
-2.5°	4	4	4	5	6	13	20	27	33	39	45
-3.75°	4	4	4	5	6	12	20	26	33	39	45
-5°	4	4	4	5	6	12	19	26	33	39	45
-6.25°	4	4	4	5	5	12	19	26	32	38	44
-7.5°	4	4	4	5	5	11	18	25	32	38	44
-8.75°	4	4	4	5	5	10	18	24	31	37	43
-10°	4	4	4	5	5	10	17	24	30	36	42
-11.25°	4	4	4	5	5	9	16	23	29	35	41
-12.5°	4	4	4	4	5	8	15	22	28	34	40
-13.75°	4	4	4	4	5	7	14	21	27	33	39
-15°	4	4	4	4	5	6	12	19	26	32	38
-16.25°	4	4	4	4	5	5	11	18	24	31	36
-17.5°	4	4	4	4	5	5	10	16	23	29	35
-18.75°	4	4	4	4	5	5	8	15	21	27	34
-20°	4	4	4	4	4	5	6	13	20	26	32
-21.25°	4	4	4	4	4	5	5	11	18	24	30



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	4	4	4	4	5	5	9	16	22	28
-23.75°	4	4	4	4	4	5	5	7	14	20	26
-25°	3	4	4	4	4	4	5	6	11	18	24
-26.25°	3	4	4	4	4	4	5	5	9	15	21
-27.5°	3	4	4	4	4	4	5	5	7	13	19
-28.75°	3	3	4	4	4	4	4	5	5	10	16
-30°	3	3	4	4	4	4	4	5	5	8	13
-31.25°	3	3	4	4	4	4	4	4	5	6	11
-32.5°	3	3	3	4	4	4	4	4	5	5	8
-33.75°	3	3	3	4	4	4	4	4	4	5	5
-35°	3	3	3	4	4	4	4	4	4	5	5
-36.25°	3	3	3	3	4	4	4	4	4	4	5
-37.5°	3	3	3	3	4	4	4	4	4	4	5
-38.75°	3	3	3	3	3	4	4	4	4	4	4
-40°	3	3	3	3	3	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	4	4	4	4	4
-43.75°	3	3	3	3	3	3	3	4	4	4	4
-45°	3	3	3	3	3	3	3	3	4	4	4
-46.25°	2	3	3	3	3	3	3	3	3	4	4
-47.5°	2	3	3	3	3	3	3	3	3	4	4
-48.75°	2	2	3	3	3	3	3	3	3	3	4
-50°	2	2	2	3	3	3	3	3	3	3	3
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	3	3	3	3	3	3
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	1	2	2	2	2	2	2	3	3	3	3
-57.5°	1	1	2	2	2	2	2	2	3	3	3
-58.75°	1	1	1	2	2	2	2	2	2	3	3
-60°	1	1	1	1	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	2	2	2
-65°	1	1	1	1	1	1	1	1	1	1	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	1	1	1	1	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
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	2	2	2
68.75°	1	1	1	1	1	2	2	2	2	2	2
67.5°	1	1	1	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	3
65°	2	2	2	2	2	2	2	2	3	3	3
63.75°	2	2	2	2	2	3	3	3	3	3	3
62.5°	2	2	2	3	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	4	4
56.25°	3	3	3	3	3	3	3	4	4	4	4
55°	3	3	3	3	3	4	4	4	4	4	4
53.75°	3	3	3	3	4	4	4	4	4	4	4
52.5°	3	3	3	4	4	4	4	4	4	4	4
51.25°	3	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	5	5
48.75°	4	4	4	4	4	4	4	4	5	5	5
47.5°	4	4	4	4	4	4	4	5	5	6	9
46.25°	4	4	4	4	4	5	5	5	6	10	14
45°	4	4	4	4	5	5	5	7	11	15	19
43.75°	4	4	4	5	5	5	8	12	16	20	24
42.5°	4	4	5	5	5	8	12	17	21	25	28
41.25°	4	4	5	5	8	12	17	21	25	29	33
40°	4	5	5	7	12	17	21	25	29	33	37
38.75°	5	5	6	11	16	21	25	29	33	37	41
37.5°	5	6	10	15	20	25	29	33	37	41	44
36.25°	5	9	14	19	24	28	33	37	41	44	48
35°	7	12	17	22	27	32	36	40	44	48	52



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	10	15	21	26	30	35	39	43	48	52	55
32.5°	13	19	24	29	34	38	42	47	51	55	59
31.25°	16	22	27	32	37	41	45	50	54	58	63
30°	19	25	30	35	39	44	48	53	57	62	67
28.75°	22	27	33	37	42	47	51	56	61	66	71
27.5°	25	30	35	40	45	49	54	59	64	70	76
26.25°	27	33	38	42	47	52	57	62	68	74	81
25°	29	35	40	45	50	55	60	66	71	78	86
23.75°	32	37	42	47	52	57	63	69	75	83	90
22.5°	34	39	44	49	54	60	66	72	79	87	97
21.25°	36	41	46	51	56	62	68	75	83	92	103
20°	37	43	48	53	59	65	71	79	87	97	109
18.75°	39	44	50	55	61	67	74	82	91	103	115
17.5°	41	46	51	57	63	70	77	85	96	108	121
16.25°	42	48	53	59	65	72	80	88	100	113	128
15°	43	49	55	61	67	74	83	92	105	118	133
13.75°	45	50	56	62	69	77	85	96	109	123	139
12.5°	46	51	57	64	70	79	87	100	113	128	144
11.25°	47	53	58	65	72	81	90	103	116	132	149
10°	48	54	60	66	74	83	92	106	120	136	153
8.75°	49	54	61	68	75	84	95	109	123	140	158
7.5°	49	55	62	69	77	86	97	111	126	143	162
6.25°	50	56	62	69	78	87	99	113	129	146	166
5°	50	56	63	70	79	88	101	115	131	148	169
3.75°	51	57	64	71	79	89	102	116	133	150	171
2.5°	51	57	64	71	80	89	103	117	134	151	173
1.25°	51	57	64	71	80	89	103	117	134	151	174
0°	51	57	64	71	80	90	104	118	135	152	174
-1.25°	51	57	64	71	80	89	103	117	134	151	174
-2.5°	51	57	64	71	80	89	103	117	134	151	173
-3.75°	51	57	64	71	79	89	102	116	133	150	171
-5°	50	56	63	70	79	88	101	115	131	148	169
-6.25°	50	56	62	69	78	87	99	113	129	146	166
-7.5°	49	55	62	69	77	86	97	111	126	143	162
-8.75°	49	54	61	68	75	84	95	109	123	140	158
-10°	48	54	60	66	74	83	92	106	120	136	153
-11.25°	47	53	58	65	72	81	90	103	116	132	149
-12.5°	46	51	57	64	70	79	87	100	113	128	144
-13.75°	45	50	56	62	69	77	85	96	109	123	139
-15°	43	49	55	61	67	74	83	92	105	118	133
-16.25°	42	48	53	59	65	72	80	88	100	113	128
-17.5°	41	46	51	57	63	70	77	85	96	108	121
-18.75°	39	44	50	55	61	67	74	82	91	103	115
-20°	37	43	48	53	59	65	71	79	87	97	109
-21.25°	36	41	46	51	56	62	68	75	83	92	103



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	34	39	44	49	54	60	66	72	79	87	97
-23.75°	32	37	42	47	52	57	63	69	75	83	90
-25°	29	35	40	45	50	55	60	66	71	78	86
-26.25°	27	33	38	42	47	52	57	62	68	74	81
-27.5°	25	30	35	40	45	49	54	59	64	70	76
-28.75°	22	27	33	37	42	47	51	56	61	66	71
-30°	19	25	30	35	39	44	48	53	57	62	67
-31.25°	16	22	27	32	37	41	45	50	54	58	63
-32.5°	13	19	24	29	34	38	42	47	51	55	59
-33.75°	10	15	21	26	30	35	39	43	48	52	55
-35°	7	12	17	22	27	32	36	40	44	48	52
-36.25°	5	9	14	19	24	28	33	37	41	44	48
-37.5°	5	6	10	15	20	25	29	33	37	41	44
-38.75°	5	5	6	11	16	21	25	29	33	37	41
-40°	4	5	5	7	12	17	21	25	29	33	37
-41.25°	4	4	5	5	8	12	17	21	25	29	33
-42.5°	4	4	5	5	5	8	12	17	21	25	28
-43.75°	4	4	4	5	5	5	8	12	16	20	24
-45°	4	4	4	4	5	5	5	7	11	15	19
-46.25°	4	4	4	4	4	5	5	5	6	10	14
-47.5°	4	4	4	4	4	4	4	5	5	6	9
-48.75°	4	4	4	4	4	4	4	4	5	5	5
-50°	4	4	4	4	4	4	4	4	4	5	5
-51.25°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	4	4	4	4	4	4	4
-55°	3	3	3	3	3	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	4	4
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	2	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	3
-67.5°	1	1	1	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	1	1	1	1	1	1	1	1	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	2	2	2	2	2
71.25°	1	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	3	3	3	3
67.5°	2	2	2	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	4	4
61.25°	3	3	3	3	3	3	4	4	4	4	4
60°	3	3	3	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	5	5
55°	4	4	4	4	4	4	5	5	5	5	5
53.75°	4	4	4	4	5	5	5	5	6	7	9
52.5°	4	4	5	5	5	5	7	9	11	14	16
51.25°	5	5	5	6	8	10	13	15	18	20	22
50°	5	5	8	11	13	16	19	21	24	26	28
48.75°	7	10	13	16	19	22	25	27	29	32	34
47.5°	12	15	19	22	25	27	30	33	35	37	39
46.25°	17	21	24	27	30	33	35	38	40	42	44
45°	22	26	29	32	35	37	40	42	45	47	49
43.75°	27	30	34	37	39	42	45	47	50	52	54
42.5°	32	35	38	41	44	47	49	52	55	57	60
41.25°	36	39	42	45	48	51	54	57	60	63	66
40°	40	43	47	50	53	56	59	62	66	69	72
38.75°	44	48	51	54	57	61	64	68	71	75	79
37.5°	48	52	55	58	62	66	70	74	78	83	87
36.25°	52	55	59	63	67	71	76	81	86	90	97
35°	56	60	64	68	73	78	83	88	94	101	108



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	60	64	69	74	79	84	90	98	105	113	120
32.5°	64	69	74	80	85	92	100	108	116	125	134
31.25°	68	74	80	86	92	101	110	118	128	138	147
30°	73	79	85	92	102	111	120	131	141	151	163
28.75°	78	84	92	101	111	121	132	143	154	167	180
27.5°	83	90	100	110	120	132	143	155	170	184	198
26.25°	88	98	108	118	131	143	155	171	185	202	226
25°	94	105	116	128	141	154	170	185	203	229	254
23.75°	101	113	125	138	151	167	184	202	229	256	292
22.5°	108	120	134	147	163	180	198	226	254	292	354
21.25°	115	128	142	158	175	193	220	250	284	351	415
20°	122	136	151	169	187	211	242	272	339	408	478
18.75°	129	144	161	179	199	231	263	320	392	464	548
17.5°	136	151	170	190	218	250	294	369	443	528	617
16.25°	143	160	180	201	235	269	339	415	498	591	683
15°	149	168	188	217	252	301	381	460	554	651	745
13.75°	156	176	197	232	267	339	420	509	608	707	800
12.5°	163	183	210	246	291	374	456	556	659	758	849
11.25°	169	190	222	258	321	406	497	601	705	804	894
10°	175	196	232	269	349	435	534	641	746	843	927
8.75°	180	205	242	286	374	462	568	677	782	878	957
7.5°	184	213	250	307	395	489	598	708	813	906	976
6.25°	188	220	258	325	414	513	624	735	838	927	992
5°	191	225	264	339	429	533	645	756	859	945	1005
3.75°	193	230	268	351	441	548	662	773	875	959	1013
2.5°	195	233	271	359	450	559	674	785	886	966	1019
1.25°	196	235	273	364	455	566	681	792	893	971	1023
0°	197	235	274	365	457	568	684	794	896	972	1024
-1.25°	196	235	273	364	455	566	681	792	893	971	1023
-2.5°	195	233	271	359	450	559	674	785	886	966	1019
-3.75°	193	230	268	351	441	548	662	773	875	959	1013
-5°	191	225	264	339	429	533	645	756	859	945	1005
-6.25°	188	220	258	325	414	513	624	735	838	927	992
-7.5°	184	213	250	307	395	489	598	708	813	906	976
-8.75°	180	205	242	286	374	462	568	677	782	878	957
-10°	175	196	232	269	349	435	534	641	746	843	927
-11.25°	169	190	222	258	321	406	497	601	705	804	894
-12.5°	163	183	210	246	291	374	456	556	659	758	849
-13.75°	156	176	197	232	267	339	420	509	608	707	800
-15°	149	168	188	217	252	301	381	460	554	651	745
-16.25°	143	160	180	201	235	269	339	415	498	591	683
-17.5°	136	151	170	190	218	250	294	369	443	528	617
-18.75°	129	144	161	179	199	231	263	320	392	464	548
-20°	122	136	151	169	187	211	242	272	339	408	478
-21.25°	115	128	142	158	175	193	220	250	284	351	415



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	108	120	134	147	163	180	198	226	254	292	354
-23.75°	101	113	125	138	151	167	184	202	229	256	292
-25°	94	105	116	128	141	154	170	185	203	229	254
-26.25°	88	98	108	118	131	143	155	171	185	202	226
-27.5°	83	90	100	110	120	132	143	155	170	184	198
-28.75°	78	84	92	101	111	121	132	143	154	167	180
-30°	73	79	85	92	102	111	120	131	141	151	163
-31.25°	68	74	80	86	92	101	110	118	128	138	147
-32.5°	64	69	74	80	85	92	100	108	116	125	134
-33.75°	60	64	69	74	79	84	90	98	105	113	120
-35°	56	60	64	68	73	78	83	88	94	101	108
-36.25°	52	55	59	63	67	71	76	81	86	90	97
-37.5°	48	52	55	58	62	66	70	74	78	83	87
-38.75°	44	48	51	54	57	61	64	68	71	75	79
-40°	40	43	47	50	53	56	59	62	66	69	72
-41.25°	36	39	42	45	48	51	54	57	60	63	66
-42.5°	32	35	38	41	44	47	49	52	55	57	60
-43.75°	27	30	34	37	39	42	45	47	50	52	54
-45°	22	26	29	32	35	37	40	42	45	47	49
-46.25°	17	21	24	27	30	33	35	38	40	42	44
-47.5°	12	15	19	22	25	27	30	33	35	37	39
-48.75°	7	10	13	16	19	22	25	27	29	32	34
-50°	5	5	8	11	13	16	19	21	24	26	28
-51.25°	5	5	5	6	8	10	13	15	18	20	22
-52.5°	4	4	5	5	5	5	7	9	11	14	16
-53.75°	4	4	4	4	5	5	5	5	6	7	9
-55°	4	4	4	4	4	4	5	5	5	5	5
-56.25°	4	4	4	4	4	4	4	4	4	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	4	4	4	4	4
-62.5°	3	3	3	3	3	3	3	3	3	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	2	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	1	1	1	1	1	1	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	5	5	5
57.5°	4	4	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	6	7	8	9	10	10
55°	5	6	8	10	11	12	14	15	16	17	18
53.75°	11	13	15	16	18	19	21	22	23	24	24
52.5°	18	20	21	23	24	26	27	28	29	30	31
51.25°	24	26	27	29	31	32	33	34	35	36	37
50°	30	32	34	35	36	38	39	40	41	42	43
48.75°	36	37	39	41	42	43	45	46	47	48	49
47.5°	41	43	44	46	48	49	50	51	53	54	54
46.25°	46	48	50	51	53	55	56	57	58	60	61
45°	51	53	55	57	59	61	62	64	65	66	68
43.75°	56	59	61	63	65	67	69	70	72	74	75
42.5°	62	65	67	70	72	74	77	79	81	83	84
41.25°	68	71	74	77	80	83	85	87	90	92	95
40°	75	79	82	85	88	92	96	100	103	106	109
38.75°	83	87	91	96	100	105	109	113	116	120	123
37.5°	92	97	103	108	113	118	123	128	132	136	140
36.25°	103	109	115	121	128	133	139	144	149	153	158
35°	115	122	129	136	143	149	156	163	169	175	180



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	128	136	144	151	160	168	176	183	190	196	205
32.5°	142	151	161	170	180	188	197	210	222	232	242
31.25°	158	169	179	190	201	217	232	246	258	269	286
30°	175	187	199	218	235	252	267	291	321	349	374
28.75°	193	211	231	250	269	301	339	374	406	435	462
27.5°	220	242	263	294	339	381	420	456	497	534	568
26.25°	250	272	320	369	415	460	509	556	601	641	677
25°	284	339	392	443	498	554	608	659	705	746	782
23.75°	351	408	464	528	591	651	707	758	804	843	878
22.5°	415	478	548	617	683	745	800	849	894	927	957
21.25°	483	558	633	705	771	831	885	928	964	988	1009
20°	558	639	716	787	851	908	954	985	1012	1033	1053
18.75°	633	716	792	861	921	968	1001	1028	1053	1076	1097
17.5°	705	787	861	925	974	1009	1039	1067	1094	1119	1143
16.25°	771	851	921	974	1012	1044	1076	1106	1136	1164	1191
15°	831	908	968	1009	1044	1079	1113	1146	1179	1210	1237
13.75°	885	954	1001	1039	1076	1113	1149	1187	1221	1252	1282
12.5°	928	985	1028	1067	1106	1146	1187	1225	1260	1296	1333
11.25°	964	1012	1053	1094	1136	1179	1221	1260	1301	1344	1385
10°	988	1033	1076	1119	1164	1210	1252	1296	1344	1391	1437
8.75°	1009	1053	1097	1143	1191	1237	1282	1333	1385	1437	1485
7.5°	1025	1070	1117	1165	1215	1261	1312	1368	1424	1478	1527
6.25°	1039	1086	1134	1184	1234	1284	1340	1399	1459	1514	1561
5°	1051	1099	1148	1201	1250	1304	1364	1426	1488	1542	1590
3.75°	1060	1109	1160	1214	1264	1321	1384	1449	1510	1564	1610
2.5°	1067	1116	1168	1222	1274	1334	1398	1464	1526	1580	1625
1.25°	1071	1121	1174	1228	1281	1341	1407	1474	1535	1590	1634
0°	1073	1122	1175	1229	1283	1344	1410	1477	1539	1593	1637
-1.25°	1071	1121	1174	1228	1281	1341	1407	1474	1535	1590	1634
-2.5°	1067	1116	1168	1222	1274	1334	1398	1464	1526	1580	1625
-3.75°	1060	1109	1160	1214	1264	1321	1384	1449	1510	1564	1610
-5°	1051	1099	1148	1201	1250	1304	1364	1426	1488	1542	1590
-6.25°	1039	1086	1134	1184	1234	1284	1340	1399	1459	1514	1561
-7.5°	1025	1070	1117	1165	1215	1261	1312	1368	1424	1478	1527
-8.75°	1009	1053	1097	1143	1191	1237	1282	1333	1385	1437	1485
-10°	988	1033	1076	1119	1164	1210	1252	1296	1344	1391	1437
-11.25°	964	1012	1053	1094	1136	1179	1221	1260	1301	1344	1385
-12.5°	928	985	1028	1067	1106	1146	1187	1225	1260	1296	1333
-13.75°	885	954	1001	1039	1076	1113	1149	1187	1221	1252	1282
-15°	831	908	968	1009	1044	1079	1113	1146	1179	1210	1237
-16.25°	771	851	921	974	1012	1044	1076	1106	1136	1164	1191
-17.5°	705	787	861	925	974	1009	1039	1067	1094	1119	1143
-18.75°	633	716	792	861	921	968	1001	1028	1053	1076	1097
-20°	558	639	716	787	851	908	954	985	1012	1033	1053
-21.25°	483	558	633	705	771	831	885	928	964	988	1009



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	415	478	548	617	683	745	800	849	894	927	957
-23.75°	351	408	464	528	591	651	707	758	804	843	878
-25°	284	339	392	443	498	554	608	659	705	746	782
-26.25°	250	272	320	369	415	460	509	556	601	641	677
-27.5°	220	242	263	294	339	381	420	456	497	534	568
-28.75°	193	211	231	250	269	301	339	374	406	435	462
-30°	175	187	199	218	235	252	267	291	321	349	374
-31.25°	158	169	179	190	201	217	232	246	258	269	286
-32.5°	142	151	161	170	180	188	197	210	222	232	242
-33.75°	128	136	144	151	160	168	176	183	190	196	205
-35°	115	122	129	136	143	149	156	163	169	175	180
-36.25°	103	109	115	121	128	133	139	144	149	153	158
-37.5°	92	97	103	108	113	118	123	128	132	136	140
-38.75°	83	87	91	96	100	105	109	113	116	120	123
-40°	75	79	82	85	88	92	96	100	103	106	109
-41.25°	68	71	74	77	80	83	85	87	90	92	95
-42.5°	62	65	67	70	72	74	77	79	81	83	84
-43.75°	56	59	61	63	65	67	69	70	72	74	75
-45°	51	53	55	57	59	61	62	64	65	66	68
-46.25°	46	48	50	51	53	55	56	57	58	60	61
-47.5°	41	43	44	46	48	49	50	51	53	54	54
-48.75°	36	37	39	41	42	43	45	46	47	48	49
-50°	30	32	34	35	36	38	39	40	41	42	43
-51.25°	24	26	27	29	31	32	33	34	35	36	37
-52.5°	18	20	21	23	24	26	27	28	29	30	31
-53.75°	11	13	15	16	18	19	21	22	23	24	24
-55°	5	6	8	10	11	12	14	15	16	17	18
-56.25°	5	5	5	5	5	6	7	8	9	10	10
-57.5°	4	4	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	5	5	5
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	4	4	4	4	4	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	2	2	2	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	4	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	6	6	6	6	6	6	6	6	6
56.25°	11	12	12	12	13	13	13	13	13	12	12
55°	18	19	19	20	20	20	20	20	20	20	19
53.75°	25	26	26	26	27	27	27	27	27	26	26
52.5°	32	32	33	33	33	34	34	34	33	33	33
51.25°	38	38	39	39	39	39	40	39	39	39	39
50°	44	44	45	45	45	45	46	45	45	45	45
48.75°	49	50	50	51	51	51	51	51	51	51	50
47.5°	55	56	56	57	57	57	57	57	57	57	56
46.25°	62	62	63	64	64	64	64	64	64	64	63
45°	69	69	70	71	71	71	71	71	71	71	70
43.75°	77	78	79	79	80	80	80	80	80	79	79
42.5°	86	87	88	89	89	89	90	89	89	89	88
41.25°	97	99	101	102	103	103	104	103	103	102	101
40°	111	113	115	116	117	117	118	117	117	116	115
38.75°	126	129	131	133	134	134	135	134	134	133	131
37.5°	143	146	148	150	151	151	152	151	151	150	148
36.25°	162	166	169	171	173	174	174	174	173	171	169
35°	184	188	191	193	195	196	197	196	195	193	191



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	213	220	225	230	233	235	235	235	233	230	225
32.5°	250	258	264	268	271	273	274	273	271	268	264
31.25°	307	325	339	351	359	364	365	364	359	351	339
30°	395	414	429	441	450	455	457	455	450	441	429
28.75°	489	513	533	548	559	566	568	566	559	548	533
27.5°	598	624	645	662	674	681	684	681	674	662	645
26.25°	708	735	756	773	785	792	794	792	785	773	756
25°	813	838	859	875	886	893	896	893	886	875	859
23.75°	906	927	945	959	966	971	972	971	966	959	945
22.5°	976	992	1005	1013	1019	1023	1024	1023	1019	1013	1005
21.25°	1025	1039	1051	1060	1067	1071	1073	1071	1067	1060	1051
20°	1070	1086	1099	1109	1116	1121	1122	1121	1116	1109	1099
18.75°	1117	1134	1148	1160	1168	1174	1175	1174	1168	1160	1148
17.5°	1165	1184	1201	1214	1222	1228	1229	1228	1222	1214	1201
16.25°	1215	1234	1250	1264	1274	1281	1283	1281	1274	1264	1250
15°	1261	1284	1304	1321	1334	1341	1344	1341	1334	1321	1304
13.75°	1312	1340	1364	1384	1398	1407	1410	1407	1398	1384	1364
12.5°	1368	1399	1426	1449	1464	1474	1477	1474	1464	1449	1426
11.25°	1424	1459	1488	1510	1526	1535	1539	1535	1526	1510	1488
10°	1478	1514	1542	1564	1580	1590	1593	1590	1580	1564	1542
8.75°	1527	1561	1590	1610	1625	1634	1637	1634	1625	1610	1590
7.5°	1568	1602	1628	1648	1663	1670	1673	1670	1663	1648	1628
6.25°	1602	1634	1661	1678	1689	1695	1697	1695	1689	1678	1661
5°	1628	1661	1684	1697	1703	1705	1706	1705	1703	1697	1684
3.75°	1648	1678	1697	1704	1706	1707	1706	1707	1706	1704	1697
2.5°	1663	1689	1703	1706	1704	1700	1698	1700	1704	1706	1703
1.25°	1670	1695	1705	1707	1700	1695	1694	1695	1700	1707	1705
0°	1673	1697	1706	1706	1698	1694	1699	1694	1698	1706	1706
-1.25°	1670	1695	1705	1707	1700	1695	1694	1695	1700	1707	1705
-2.5°	1663	1689	1703	1706	1704	1700	1698	1700	1704	1706	1703
-3.75°	1648	1678	1697	1704	1706	1707	1706	1707	1706	1704	1697
-5°	1628	1661	1684	1697	1703	1705	1706	1705	1703	1697	1684
-6.25°	1602	1634	1661	1678	1689	1695	1697	1695	1689	1678	1661
-7.5°	1568	1602	1628	1648	1663	1670	1673	1670	1663	1648	1628
-8.75°	1527	1561	1590	1610	1625	1634	1637	1634	1625	1610	1590
-10°	1478	1514	1542	1564	1580	1590	1593	1590	1580	1564	1542
-11.25°	1424	1459	1488	1510	1526	1535	1539	1535	1526	1510	1488
-12.5°	1368	1399	1426	1449	1464	1474	1477	1474	1464	1449	1426
-13.75°	1312	1340	1364	1384	1398	1407	1410	1407	1398	1384	1364
-15°	1261	1284	1304	1321	1334	1341	1344	1341	1334	1321	1304
-16.25°	1215	1234	1250	1264	1274	1281	1283	1281	1274	1264	1250
-17.5°	1165	1184	1201	1214	1222	1228	1229	1228	1222	1214	1201
-18.75°	1117	1134	1148	1160	1168	1174	1175	1174	1168	1160	1148
-20°	1070	1086	1099	1109	1116	1121	1122	1121	1116	1109	1099
-21.25°	1025	1039	1051	1060	1067	1071	1073	1071	1067	1060	1051



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	976	992	1005	1013	1019	1023	1024	1023	1019	1013	1005
-23.75°	906	927	945	959	966	971	972	971	966	959	945
-25°	813	838	859	875	886	893	896	893	886	875	859
-26.25°	708	735	756	773	785	792	794	792	785	773	756
-27.5°	598	624	645	662	674	681	684	681	674	662	645
-28.75°	489	513	533	548	559	566	568	566	559	548	533
-30°	395	414	429	441	450	455	457	455	450	441	429
-31.25°	307	325	339	351	359	364	365	364	359	351	339
-32.5°	250	258	264	268	271	273	274	273	271	268	264
-33.75°	213	220	225	230	233	235	235	235	233	230	225
-35°	184	188	191	193	195	196	197	196	195	193	191
-36.25°	162	166	169	171	173	174	174	174	173	171	169
-37.5°	143	146	148	150	151	151	152	151	151	150	148
-38.75°	126	129	131	133	134	134	135	134	134	133	131
-40°	111	113	115	116	117	117	118	117	117	116	115
-41.25°	97	99	101	102	103	103	104	103	103	102	101
-42.5°	86	87	88	89	89	89	90	89	89	89	88
-43.75°	77	78	79	79	80	80	80	80	80	79	79
-45°	69	69	70	71	71	71	71	71	71	71	70
-46.25°	62	62	63	64	64	64	64	64	64	64	63
-47.5°	55	56	56	57	57	57	57	57	57	57	56
-48.75°	49	50	50	51	51	51	51	51	51	51	50
-50°	44	44	45	45	45	45	46	45	45	45	45
-51.25°	38	38	39	39	39	39	40	39	39	39	39
-52.5°	32	32	33	33	33	34	34	34	33	33	33
-53.75°	25	26	26	26	27	27	27	27	27	26	26
-55°	18	19	19	20	20	20	20	20	20	20	19
-56.25°	11	12	12	12	13	13	13	13	13	12	12
-57.5°	5	5	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	3	3	3	4	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	2
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	12	11	10	10	9	8	7	6	5	5	5
55°	19	18	18	17	16	15	14	12	11	10	8
53.75°	26	25	24	24	23	22	21	19	18	16	15
52.5°	32	32	31	30	29	28	27	26	24	23	21
51.25°	38	38	37	36	35	34	33	32	31	29	27
50°	44	44	43	42	41	40	39	38	36	35	34
48.75°	50	49	49	48	47	46	45	43	42	41	39
47.5°	56	55	54	54	53	51	50	49	48	46	44
46.25°	62	62	61	60	58	57	56	55	53	51	50
45°	69	69	68	66	65	64	62	61	59	57	55
43.75°	78	77	75	74	72	70	69	67	65	63	61
42.5°	87	86	84	83	81	79	77	74	72	70	67
41.25°	99	97	95	92	90	87	85	83	80	77	74
40°	113	111	109	106	103	100	96	92	88	85	82
38.75°	129	126	123	120	116	113	109	105	100	96	91
37.5°	146	143	140	136	132	128	123	118	113	108	103
36.25°	166	162	158	153	149	144	139	133	128	121	115
35°	188	184	180	175	169	163	156	149	143	136	129



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	220	213	205	196	190	183	176	168	160	151	144
32.5°	258	250	242	232	222	210	197	188	180	170	161
31.25°	325	307	286	269	258	246	232	217	201	190	179
30°	414	395	374	349	321	291	267	252	235	218	199
28.75°	513	489	462	435	406	374	339	301	269	250	231
27.5°	624	598	568	534	497	456	420	381	339	294	263
26.25°	735	708	677	641	601	556	509	460	415	369	320
25°	838	813	782	746	705	659	608	554	498	443	392
23.75°	927	906	878	843	804	758	707	651	591	528	464
22.5°	992	976	957	927	894	849	800	745	683	617	548
21.25°	1039	1025	1009	988	964	928	885	831	771	705	633
20°	1086	1070	1053	1033	1012	985	954	908	851	787	716
18.75°	1134	1117	1097	1076	1053	1028	1001	968	921	861	792
17.5°	1184	1165	1143	1119	1094	1067	1039	1009	974	925	861
16.25°	1234	1215	1191	1164	1136	1106	1076	1044	1012	974	921
15°	1284	1261	1237	1210	1179	1146	1113	1079	1044	1009	968
13.75°	1340	1312	1282	1252	1221	1187	1149	1113	1076	1039	1001
12.5°	1399	1368	1333	1296	1260	1225	1187	1146	1106	1067	1028
11.25°	1459	1424	1385	1344	1301	1260	1221	1179	1136	1094	1053
10°	1514	1478	1437	1391	1344	1296	1252	1210	1164	1119	1076
8.75°	1561	1527	1485	1437	1385	1333	1282	1237	1191	1143	1097
7.5°	1602	1568	1527	1478	1424	1368	1312	1261	1215	1165	1117
6.25°	1634	1602	1561	1514	1459	1399	1340	1284	1234	1184	1134
5°	1661	1628	1590	1542	1488	1426	1364	1304	1250	1201	1148
3.75°	1678	1648	1610	1564	1510	1449	1384	1321	1264	1214	1160
2.5°	1689	1663	1625	1580	1526	1464	1398	1334	1274	1222	1168
1.25°	1695	1670	1634	1590	1535	1474	1407	1341	1281	1228	1174
0°	1697	1673	1637	1593	1539	1477	1410	1344	1283	1229	1175
-1.25°	1695	1670	1634	1590	1535	1474	1407	1341	1281	1228	1174
-2.5°	1689	1663	1625	1580	1526	1464	1398	1334	1274	1222	1168
-3.75°	1678	1648	1610	1564	1510	1449	1384	1321	1264	1214	1160
-5°	1661	1628	1590	1542	1488	1426	1364	1304	1250	1201	1148
-6.25°	1634	1602	1561	1514	1459	1399	1340	1284	1234	1184	1134
-7.5°	1602	1568	1527	1478	1424	1368	1312	1261	1215	1165	1117
-8.75°	1561	1527	1485	1437	1385	1333	1282	1237	1191	1143	1097
-10°	1514	1478	1437	1391	1344	1296	1252	1210	1164	1119	1076
-11.25°	1459	1424	1385	1344	1301	1260	1221	1179	1136	1094	1053
-12.5°	1399	1368	1333	1296	1260	1225	1187	1146	1106	1067	1028
-13.75°	1340	1312	1282	1252	1221	1187	1149	1113	1076	1039	1001
-15°	1284	1261	1237	1210	1179	1146	1113	1079	1044	1009	968
-16.25°	1234	1215	1191	1164	1136	1106	1076	1044	1012	974	921
-17.5°	1184	1165	1143	1119	1094	1067	1039	1009	974	925	861
-18.75°	1134	1117	1097	1076	1053	1028	1001	968	921	861	792
-20°	1086	1070	1053	1033	1012	985	954	908	851	787	716
-21.25°	1039	1025	1009	988	964	928	885	831	771	705	633



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	992	976	957	927	894	849	800	745	683	617	548
-23.75°	927	906	878	843	804	758	707	651	591	528	464
-25°	838	813	782	746	705	659	608	554	498	443	392
-26.25°	735	708	677	641	601	556	509	460	415	369	320
-27.5°	624	598	568	534	497	456	420	381	339	294	263
-28.75°	513	489	462	435	406	374	339	301	269	250	231
-30°	414	395	374	349	321	291	267	252	235	218	199
-31.25°	325	307	286	269	258	246	232	217	201	190	179
-32.5°	258	250	242	232	222	210	197	188	180	170	161
-33.75°	220	213	205	196	190	183	176	168	160	151	144
-35°	188	184	180	175	169	163	156	149	143	136	129
-36.25°	166	162	158	153	149	144	139	133	128	121	115
-37.5°	146	143	140	136	132	128	123	118	113	108	103
-38.75°	129	126	123	120	116	113	109	105	100	96	91
-40°	113	111	109	106	103	100	96	92	88	85	82
-41.25°	99	97	95	92	90	87	85	83	80	77	74
-42.5°	87	86	84	83	81	79	77	74	72	70	67
-43.75°	78	77	75	74	72	70	69	67	65	63	61
-45°	69	69	68	66	65	64	62	61	59	57	55
-46.25°	62	62	61	60	58	57	56	55	53	51	50
-47.5°	56	55	54	54	53	51	50	49	48	46	44
-48.75°	50	49	49	48	47	46	45	43	42	41	39
-50°	44	44	43	42	41	40	39	38	36	35	34
-51.25°	38	38	37	36	35	34	33	32	31	29	27
-52.5°	32	32	31	30	29	28	27	26	24	23	21
-53.75°	26	25	24	24	23	22	21	19	18	16	15
-55°	19	18	18	17	16	15	14	12	11	10	8
-56.25°	12	11	10	10	9	8	7	6	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	3	3	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	4	4	4	4	4	4	4
55°	6	5	5	5	5	5	5	4	4	4	4
53.75°	13	11	9	7	6	5	5	5	5	4	4
52.5°	20	18	16	14	11	9	7	5	5	5	5
51.25°	26	24	22	20	18	15	13	10	8	6	5
50°	32	30	28	26	24	21	19	16	13	11	8
48.75°	37	36	34	32	29	27	25	22	19	16	13
47.5°	43	41	39	37	35	33	30	27	25	22	19
46.25°	48	46	44	42	40	38	35	33	30	27	24
45°	53	51	49	47	45	42	40	37	35	32	29
43.75°	59	56	54	52	50	47	45	42	39	37	34
42.5°	65	62	60	57	55	52	49	47	44	41	38
41.25°	71	68	66	63	60	57	54	51	48	45	42
40°	79	75	72	69	66	62	59	56	53	50	47
38.75°	87	83	79	75	71	68	64	61	57	54	51
37.5°	97	92	87	83	78	74	70	66	62	58	55
36.25°	109	103	97	90	86	81	76	71	67	63	59
35°	122	115	108	101	94	88	83	78	73	68	64

REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	136	128	120	113	105	98	90	84	79	74	69
32.5°	151	142	134	125	116	108	100	92	85	80	74
31.25°	169	158	147	138	128	118	110	101	92	86	80
30°	187	175	163	151	141	131	120	111	102	92	85
28.75°	211	193	180	167	154	143	132	121	111	101	92
27.5°	242	220	198	184	170	155	143	132	120	110	100
26.25°	272	250	226	202	185	171	155	143	131	118	108
25°	339	284	254	229	203	185	170	154	141	128	116
23.75°	408	351	292	256	229	202	184	167	151	138	125
22.5°	478	415	354	292	254	226	198	180	163	147	134
21.25°	558	483	415	351	284	250	220	193	175	158	142
20°	639	558	478	408	339	272	242	211	187	169	151
18.75°	716	633	548	464	392	320	263	231	199	179	161
17.5°	787	705	617	528	443	369	294	250	218	190	170
16.25°	851	771	683	591	498	415	339	269	235	201	180
15°	908	831	745	651	554	460	381	301	252	217	188
13.75°	954	885	800	707	608	509	420	339	267	232	197
12.5°	985	928	849	758	659	556	456	374	291	246	210
11.25°	1012	964	894	804	705	601	497	406	321	258	222
10°	1033	988	927	843	746	641	534	435	349	269	232
8.75°	1053	1009	957	878	782	677	568	462	374	286	242
7.5°	1070	1025	976	906	813	708	598	489	395	307	250
6.25°	1086	1039	992	927	838	735	624	513	414	325	258
5°	1099	1051	1005	945	859	756	645	533	429	339	264
3.75°	1109	1060	1013	959	875	773	662	548	441	351	268
2.5°	1116	1067	1019	966	886	785	674	559	450	359	271
1.25°	1121	1071	1023	971	893	792	681	566	455	364	273
0°	1122	1073	1024	972	896	794	684	568	457	365	274
-1.25°	1121	1071	1023	971	893	792	681	566	455	364	273
-2.5°	1116	1067	1019	966	886	785	674	559	450	359	271
-3.75°	1109	1060	1013	959	875	773	662	548	441	351	268
-5°	1099	1051	1005	945	859	756	645	533	429	339	264
-6.25°	1086	1039	992	927	838	735	624	513	414	325	258
-7.5°	1070	1025	976	906	813	708	598	489	395	307	250
-8.75°	1053	1009	957	878	782	677	568	462	374	286	242
-10°	1033	988	927	843	746	641	534	435	349	269	232
-11.25°	1012	964	894	804	705	601	497	406	321	258	222
-12.5°	985	928	849	758	659	556	456	374	291	246	210
-13.75°	954	885	800	707	608	509	420	339	267	232	197
-15°	908	831	745	651	554	460	381	301	252	217	188
-16.25°	851	771	683	591	498	415	339	269	235	201	180
-17.5°	787	705	617	528	443	369	294	250	218	190	170
-18.75°	716	633	548	464	392	320	263	231	199	179	161
-20°	639	558	478	408	339	272	242	211	187	169	151
-21.25°	558	483	415	351	284	250	220	193	175	158	142



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	478	415	354	292	254	226	198	180	163	147	134
-23.75°	408	351	292	256	229	202	184	167	151	138	125
-25°	339	284	254	229	203	185	170	154	141	128	116
-26.25°	272	250	226	202	185	171	155	143	131	118	108
-27.5°	242	220	198	184	170	155	143	132	120	110	100
-28.75°	211	193	180	167	154	143	132	121	111	101	92
-30°	187	175	163	151	141	131	120	111	102	92	85
-31.25°	169	158	147	138	128	118	110	101	92	86	80
-32.5°	151	142	134	125	116	108	100	92	85	80	74
-33.75°	136	128	120	113	105	98	90	84	79	74	69
-35°	122	115	108	101	94	88	83	78	73	68	64
-36.25°	109	103	97	90	86	81	76	71	67	63	59
-37.5°	97	92	87	83	78	74	70	66	62	58	55
-38.75°	87	83	79	75	71	68	64	61	57	54	51
-40°	79	75	72	69	66	62	59	56	53	50	47
-41.25°	71	68	66	63	60	57	54	51	48	45	42
-42.5°	65	62	60	57	55	52	49	47	44	41	38
-43.75°	59	56	54	52	50	47	45	42	39	37	34
-45°	53	51	49	47	45	42	40	37	35	32	29
-46.25°	48	46	44	42	40	38	35	33	30	27	24
-47.5°	43	41	39	37	35	33	30	27	25	22	19
-48.75°	37	36	34	32	29	27	25	22	19	16	13
-50°	32	30	28	26	24	21	19	16	13	11	8
-51.25°	26	24	22	20	18	15	13	10	8	6	5
-52.5°	20	18	16	14	11	9	7	5	5	5	5
-53.75°	13	11	9	7	6	5	5	5	5	4	4
-55°	6	5	5	5	5	5	5	4	4	4	4
-56.25°	5	5	5	5	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	3
-61.25°	4	4	4	4	4	4	4	3	3	3	3
-62.5°	4	4	4	4	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	2
-68.75°	3	3	3	3	3	3	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	1
66.25°	3	3	3	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	3
51.25°	5	5	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	4	4	4	4	4	4	4
48.75°	10	7	5	5	5	4	4	4	4	4	4
47.5°	15	12	9	6	5	5	4	4	4	4	4
46.25°	21	17	14	10	6	5	5	5	4	4	4
45°	26	22	19	15	11	7	5	5	5	4	4
43.75°	30	27	24	20	16	12	8	5	5	5	4
42.5°	35	32	28	25	21	17	12	8	5	5	5
41.25°	39	36	33	29	25	21	17	12	8	5	5
40°	43	40	37	33	29	25	21	17	12	7	5
38.75°	48	44	41	37	33	29	25	21	16	11	6
37.5°	52	48	44	41	37	33	29	25	20	15	10
36.25°	55	52	48	44	41	37	33	28	24	19	14
35°	60	56	52	48	44	40	36	32	27	22	17



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	64	60	55	52	48	43	39	35	30	26	21
32.5°	69	64	59	55	51	47	42	38	34	29	24
31.25°	74	68	63	58	54	50	45	41	37	32	27
30°	79	73	67	62	57	53	48	44	39	35	30
28.75°	84	78	71	66	61	56	51	47	42	37	33
27.5°	90	83	76	70	64	59	54	49	45	40	35
26.25°	98	88	81	74	68	62	57	52	47	42	38
25°	105	94	86	78	71	66	60	55	50	45	40
23.75°	113	101	90	83	75	69	63	57	52	47	42
22.5°	120	108	97	87	79	72	66	60	54	49	44
21.25°	128	115	103	92	83	75	68	62	56	51	46
20°	136	122	109	97	87	79	71	65	59	53	48
18.75°	144	129	115	103	91	82	74	67	61	55	50
17.5°	151	136	121	108	96	85	77	70	63	57	51
16.25°	160	143	128	113	100	88	80	72	65	59	53
15°	168	149	133	118	105	92	83	74	67	61	55
13.75°	176	156	139	123	109	96	85	77	69	62	56
12.5°	183	163	144	128	113	100	87	79	70	64	57
11.25°	190	169	149	132	116	103	90	81	72	65	58
10°	196	175	153	136	120	106	92	83	74	66	60
8.75°	205	180	158	140	123	109	95	84	75	68	61
7.5°	213	184	162	143	126	111	97	86	77	69	62
6.25°	220	188	166	146	129	113	99	87	78	69	62
5°	225	191	169	148	131	115	101	88	79	70	63
3.75°	230	193	171	150	133	116	102	89	79	71	64
2.5°	233	195	173	151	134	117	103	89	80	71	64
1.25°	235	196	174	151	134	117	103	89	80	71	64
0°	235	197	174	152	135	118	104	90	80	71	64
-1.25°	235	196	174	151	134	117	103	89	80	71	64
-2.5°	233	195	173	151	134	117	103	89	80	71	64
-3.75°	230	193	171	150	133	116	102	89	79	71	64
-5°	225	191	169	148	131	115	101	88	79	70	63
-6.25°	220	188	166	146	129	113	99	87	78	69	62
-7.5°	213	184	162	143	126	111	97	86	77	69	62
-8.75°	205	180	158	140	123	109	95	84	75	68	61
-10°	196	175	153	136	120	106	92	83	74	66	60
-11.25°	190	169	149	132	116	103	90	81	72	65	58
-12.5°	183	163	144	128	113	100	87	79	70	64	57
-13.75°	176	156	139	123	109	96	85	77	69	62	56
-15°	168	149	133	118	105	92	83	74	67	61	55
-16.25°	160	143	128	113	100	88	80	72	65	59	53
-17.5°	151	136	121	108	96	85	77	70	63	57	51
-18.75°	144	129	115	103	91	82	74	67	61	55	50
-20°	136	122	109	97	87	79	71	65	59	53	48
-21.25°	128	115	103	92	83	75	68	62	56	51	46



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	120	108	97	87	79	72	66	60	54	49	44
-23.75°	113	101	90	83	75	69	63	57	52	47	42
-25°	105	94	86	78	71	66	60	55	50	45	40
-26.25°	98	88	81	74	68	62	57	52	47	42	38
-27.5°	90	83	76	70	64	59	54	49	45	40	35
-28.75°	84	78	71	66	61	56	51	47	42	37	33
-30°	79	73	67	62	57	53	48	44	39	35	30
-31.25°	74	68	63	58	54	50	45	41	37	32	27
-32.5°	69	64	59	55	51	47	42	38	34	29	24
-33.75°	64	60	55	52	48	43	39	35	30	26	21
-35°	60	56	52	48	44	40	36	32	27	22	17
-36.25°	55	52	48	44	41	37	33	28	24	19	14
-37.5°	52	48	44	41	37	33	29	25	20	15	10
-38.75°	48	44	41	37	33	29	25	21	16	11	6
-40°	43	40	37	33	29	25	21	17	12	7	5
-41.25°	39	36	33	29	25	21	17	12	8	5	5
-42.5°	35	32	28	25	21	17	12	8	5	5	5
-43.75°	30	27	24	20	16	12	8	5	5	5	4
-45°	26	22	19	15	11	7	5	5	5	4	4
-46.25°	21	17	14	10	6	5	5	5	4	4	4
-47.5°	15	12	9	6	5	5	4	4	4	4	4
-48.75°	10	7	5	5	5	4	4	4	4	4	4
-50°	5	5	5	5	4	4	4	4	4	4	4
-51.25°	5	5	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	3
-53.75°	4	4	4	4	4	4	4	4	4	3	3
-55°	4	4	4	4	4	4	4	4	3	3	3
-56.25°	4	4	4	4	4	4	3	3	3	3	3
-57.5°	4	4	4	4	3	3	3	3	3	3	3
-58.75°	4	4	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	2
-63.75°	3	3	3	3	3	3	3	3	2	2	2
-65°	3	3	3	3	3	2	2	2	2	2	2
-66.25°	3	3	3	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	1
-68.75°	2	2	2	2	2	2	2	2	1	1	1
-70°	2	2	2	2	2	1	1	1	1	1	1
-71.25°	2	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	0	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	1	1	1	1	1	1	1	1	1
65°	2	2	2	1	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	3	2	2	2	2	2	2	2	1	1	1
60°	3	3	2	2	2	2	2	2	2	1	1
58.75°	3	3	3	3	2	2	2	2	2	2	1
57.5°	3	3	3	3	3	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	2	2	2	2	2
55°	3	3	3	3	3	3	3	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	2	2
51.25°	4	3	3	3	3	3	3	3	3	3	2
50°	4	4	3	3	3	3	3	3	3	3	2
48.75°	4	4	4	3	3	3	3	3	3	3	3
47.5°	4	4	4	4	3	3	3	3	3	3	3
46.25°	4	4	4	4	3	3	3	3	3	3	3
45°	4	4	4	4	4	3	3	3	3	3	3
43.75°	4	4	4	4	4	4	3	3	3	3	3
42.5°	4	4	4	4	4	4	4	3	3	3	3
41.25°	4	4	4	4	4	4	4	3	3	3	3
40°	5	4	4	4	4	4	4	4	3	3	3
38.75°	5	5	4	4	4	4	4	4	3	3	3
37.5°	6	5	5	4	4	4	4	4	4	3	3
36.25°	9	5	5	4	4	4	4	4	4	3	3
35°	12	7	5	5	4	4	4	4	4	4	3



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	15	10	5	5	4	4	4	4	4	4	3
32.5°	19	13	8	5	5	4	4	4	4	4	3
31.25°	22	16	11	6	5	4	4	4	4	4	4
30°	25	19	13	8	5	5	4	4	4	4	4
28.75°	27	22	16	10	5	5	4	4	4	4	4
27.5°	30	25	19	13	7	5	5	4	4	4	4
26.25°	33	27	21	15	9	5	5	4	4	4	4
25°	35	29	24	18	11	6	5	4	4	4	4
23.75°	37	32	26	20	14	7	5	5	4	4	4
22.5°	39	34	28	22	16	9	5	5	4	4	4
21.25°	41	36	30	24	18	11	5	5	4	4	4
20°	43	37	32	26	20	13	6	5	4	4	4
18.75°	44	39	34	27	21	15	8	5	5	4	4
17.5°	46	41	35	29	23	16	10	5	5	4	4
16.25°	48	42	36	31	24	18	11	5	5	4	4
15°	49	43	38	32	26	19	12	6	5	4	4
13.75°	50	45	39	33	27	21	14	7	5	4	4
12.5°	51	46	40	34	28	22	15	8	5	4	4
11.25°	53	47	41	35	29	23	16	9	5	5	4
10°	54	48	42	36	30	24	17	10	5	5	4
8.75°	54	49	43	37	31	24	18	10	5	5	4
7.5°	55	49	44	38	32	25	18	11	5	5	4
6.25°	56	50	44	38	32	26	19	12	5	5	4
5°	56	50	45	39	33	26	19	12	6	5	4
3.75°	57	51	45	39	33	26	20	12	6	5	4
2.5°	57	51	45	39	33	27	20	13	6	5	4
1.25°	57	51	45	39	34	27	20	13	6	5	4
0°	57	51	46	40	34	27	20	13	6	5	4
-1.25°	57	51	45	39	33	27	20	13	6	5	4
-2.5°	57	51	45	39	33	27	20	13	6	5	4
-3.75°	57	51	45	39	33	26	20	12	6	5	4
-5°	56	50	45	39	33	26	19	12	6	5	4
-6.25°	56	50	44	38	32	26	19	12	5	5	4
-7.5°	55	49	44	38	32	25	18	11	5	5	4
-8.75°	54	49	43	37	31	24	18	10	5	5	4
-10°	54	48	42	36	30	24	17	10	5	5	4
-11.25°	53	47	41	35	29	23	16	9	5	5	4
-12.5°	51	46	40	34	28	22	15	8	5	4	4
-13.75°	50	45	39	33	27	21	14	7	5	4	4
-15°	49	43	38	32	26	19	12	6	5	4	4
-16.25°	48	42	36	31	24	18	11	5	5	4	4
-17.5°	46	41	35	29	23	16	10	5	5	4	4
-18.75°	44	39	34	27	21	15	8	5	5	4	4
-20°	43	37	32	26	20	13	6	5	4	4	4
-21.25°	41	36	30	24	18	11	5	5	4	4	4



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	39	34	28	22	16	9	5	5	4	4	4
-23.75°	37	32	26	20	14	7	5	5	4	4	4
-25°	35	29	24	18	11	6	5	4	4	4	4
-26.25°	33	27	21	15	9	5	5	4	4	4	4
-27.5°	30	25	19	13	7	5	5	4	4	4	4
-28.75°	27	22	16	10	5	5	4	4	4	4	4
-30°	25	19	13	8	5	5	4	4	4	4	4
-31.25°	22	16	11	6	5	4	4	4	4	4	4
-32.5°	19	13	8	5	5	4	4	4	4	4	3
-33.75°	15	10	5	5	4	4	4	4	4	4	3
-35°	12	7	5	5	4	4	4	4	4	4	3
-36.25°	9	5	5	4	4	4	4	4	4	3	3
-37.5°	6	5	5	4	4	4	4	4	4	3	3
-38.75°	5	5	4	4	4	4	4	4	3	3	3
-40°	5	4	4	4	4	4	4	4	3	3	3
-41.25°	4	4	4	4	4	4	4	3	3	3	3
-42.5°	4	4	4	4	4	4	4	3	3	3	3
-43.75°	4	4	4	4	4	4	3	3	3	3	3
-45°	4	4	4	4	4	3	3	3	3	3	3
-46.25°	4	4	4	4	3	3	3	3	3	3	3
-47.5°	4	4	4	4	3	3	3	3	3	3	3
-48.75°	4	4	4	3	3	3	3	3	3	3	3
-50°	4	4	3	3	3	3	3	3	3	3	2
-51.25°	4	3	3	3	3	3	3	3	3	3	2
-52.5°	3	3	3	3	3	3	3	3	3	2	2
-53.75°	3	3	3	3	3	3	3	3	2	2	2
-55°	3	3	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	3	3	2	2	2	2	2
-57.5°	3	3	3	3	3	2	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	1
-60°	3	3	2	2	2	2	2	2	2	1	1
-61.25°	3	2	2	2	2	2	2	2	1	1	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	2	2	2	1	1	1	1	1	1
-65°	2	2	2	1	1	1	1	1	1	1	1
-66.25°	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	3	3	3	3	2	2	2	2	1	1
32.5°	3	3	3	3	3	2	2	2	2	1	1
31.25°	3	3	3	3	3	3	2	2	2	1	1
30°	3	3	3	3	3	3	2	2	2	1	1
28.75°	3	3	3	3	3	3	2	2	2	1	1
27.5°	4	3	3	3	3	3	2	2	2	2	1
26.25°	4	3	3	3	3	3	3	2	2	2	1
25°	4	3	3	3	3	3	3	2	2	2	1
23.75°	4	4	3	3	3	3	3	2	2	2	1
22.5°	4	4	3	3	3	3	3	2	2	2	1
21.25°	4	4	3	3	3	3	3	2	2	2	1
20°	4	4	3	3	3	3	3	2	2	2	1
18.75°	4	4	3	3	3	3	3	2	2	2	2
17.5°	4	4	3	3	3	3	3	3	2	2	2
16.25°	4	4	4	3	3	3	3	3	2	2	2
15°	4	4	4	3	3	3	3	3	2	2	2
13.75°	4	4	4	3	3	3	3	3	2	2	2
12.5°	4	4	4	3	3	3	3	3	2	2	2
11.25°	4	4	4	3	3	3	3	3	2	2	2
10°	4	4	4	3	3	3	3	3	2	2	2
8.75°	4	4	4	3	3	3	3	3	2	2	2
7.5°	4	4	4	3	3	3	3	3	2	2	2
6.25°	4	4	4	3	3	3	3	3	2	2	2
5°	4	4	4	3	3	3	3	3	2	2	2
3.75°	4	4	4	3	3	3	3	3	2	2	2
2.5°	4	4	4	3	3	3	3	3	2	2	2
1.25°	4	4	4	3	3	3	3	3	2	2	2
0°	4	4	4	4	3	3	3	3	2	2	2
-1.25°	4	4	4	3	3	3	3	3	2	2	2
-2.5°	4	4	4	3	3	3	3	3	2	2	2
-3.75°	4	4	4	3	3	3	3	3	2	2	2
-5°	4	4	4	3	3	3	3	3	2	2	2
-6.25°	4	4	4	3	3	3	3	3	2	2	2
-7.5°	4	4	4	3	3	3	3	3	2	2	2
-8.75°	4	4	4	3	3	3	3	3	2	2	2
-10°	4	4	4	3	3	3	3	3	2	2	2
-11.25°	4	4	4	3	3	3	3	3	2	2	2
-12.5°	4	4	4	3	3	3	3	3	2	2	2
-13.75°	4	4	4	3	3	3	3	3	2	2	2
-15°	4	4	4	3	3	3	3	3	2	2	2
-16.25°	4	4	4	3	3	3	3	3	2	2	2
-17.5°	4	4	3	3	3	3	3	3	2	2	2
-18.75°	4	4	3	3	3	3	3	2	2	2	2
-20°	4	4	3	3	3	3	3	2	2	2	1
-21.25°	4	4	3	3	3	3	3	2	2	2	1



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	4	3	3	3	3	3	2	2	2	1
-23.75°	4	4	3	3	3	3	3	2	2	2	1
-25°	4	3	3	3	3	3	3	2	2	2	1
-26.25°	4	3	3	3	3	3	3	2	2	2	1
-27.5°	4	3	3	3	3	3	2	2	2	2	1
-28.75°	3	3	3	3	3	3	2	2	2	1	1
-30°	3	3	3	3	3	3	2	2	2	1	1
-31.25°	3	3	3	3	3	3	2	2	2	1	1
-32.5°	3	3	3	3	3	2	2	2	2	1	1
-33.75°	3	3	3	3	3	2	2	2	2	1	1
-35°	3	3	3	3	3	2	2	2	1	1	1
-36.25°	3	3	3	3	3	2	2	2	1	1	1
-37.5°	3	3	3	3	2	2	2	2	1	1	1
-38.75°	3	3	3	3	2	2	2	2	1	1	1
-40°	3	3	3	2	2	2	2	1	1	1	1
-41.25°	3	3	3	2	2	2	2	1	1	1	1
-42.5°	3	3	3	2	2	2	2	1	1	1	1
-43.75°	3	3	2	2	2	2	1	1	1	1	1
-45°	3	3	2	2	2	2	1	1	1	1	1
-46.25°	3	2	2	2	2	1	1	1	1	1	1
-47.5°	3	2	2	2	2	1	1	1	1	1	1
-48.75°	2	2	2	2	2	1	1	1	1	1	1
-50°	2	2	2	2	1	1	1	1	1	1	1
-51.25°	2	2	2	1	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-53.75°	2	2	1	1	1	1	1	1	1	1	1
-55°	2	2	1	1	1	1	1	1	1	1	1
-56.25°	2	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	0
-76.25°	1	1	1	1	1	1	1	1	1	0	0
-77.5°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	1	0	0	0	0	0	0
-80°	1	1	1	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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	1	1	1	1	1	1	1	1	0	0	0
32.5°	1	1	1	1	1	1	1	1	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	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	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	0	0
13.75°	1	1	1	1	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	1	1	1	1	0	0
11.25°	1	1	1	1	1	1	1	1	1	0	0
10°	1	1	1	1	1	1	1	1	1	0	0
8.75°	1	1	1	1	1	1	1	1	1	0	0
7.5°	1	1	1	1	1	1	1	1	1	0	0
6.25°	1	1	1	1	1	1	1	1	1	0	0
5°	1	1	1	1	1	1	1	1	1	0	0
3.75°	1	1	1	1	1	1	1	1	1	0	0
2.5°	1	1	1	1	1	1	1	1	1	0	0
1.25°	1	1	1	1	1	1	1	1	1	0	0
0°	1	1	1	1	1	1	1	1	1	0	0
-1.25°	1	1	1	1	1	1	1	1	1	0	0
-2.5°	1	1	1	1	1	1	1	1	1	0	0
-3.75°	1	1	1	1	1	1	1	1	1	0	0
-5°	1	1	1	1	1	1	1	1	1	0	0
-6.25°	1	1	1	1	1	1	1	1	1	0	0
-7.5°	1	1	1	1	1	1	1	1	1	0	0
-8.75°	1	1	1	1	1	1	1	1	1	0	0
-10°	1	1	1	1	1	1	1	1	1	0	0
-11.25°	1	1	1	1	1	1	1	1	1	0	0
-12.5°	1	1	1	1	1	1	1	1	1	0	0
-13.75°	1	1	1	1	1	1	1	1	1	0	0
-15°	1	1	1	1	1	1	1	1	1	0	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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	1	0	0	0
-33.75°	1	1	1	1	1	1	1	1	0	0	0
-35°	1	1	1	1	1	1	1	1	0	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	0	0	0	0
-48.75°	1	1	1	1	1	1	1	0	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	1	0	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	1	0	0	0	0	0	0
-63.75°	1	1	1	1	1	0	0	0	0	0	0
-65°	1	1	1	1	0	0	0	0	0	0	0
-66.25°	1	1	1	1	0	0	0	0	0	0	0
-67.5°	1	1	1	0	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	1	1	0	0	0	0	0	0	0	0	0
-72.5°	1	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: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)