

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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29476)
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-S-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT
OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

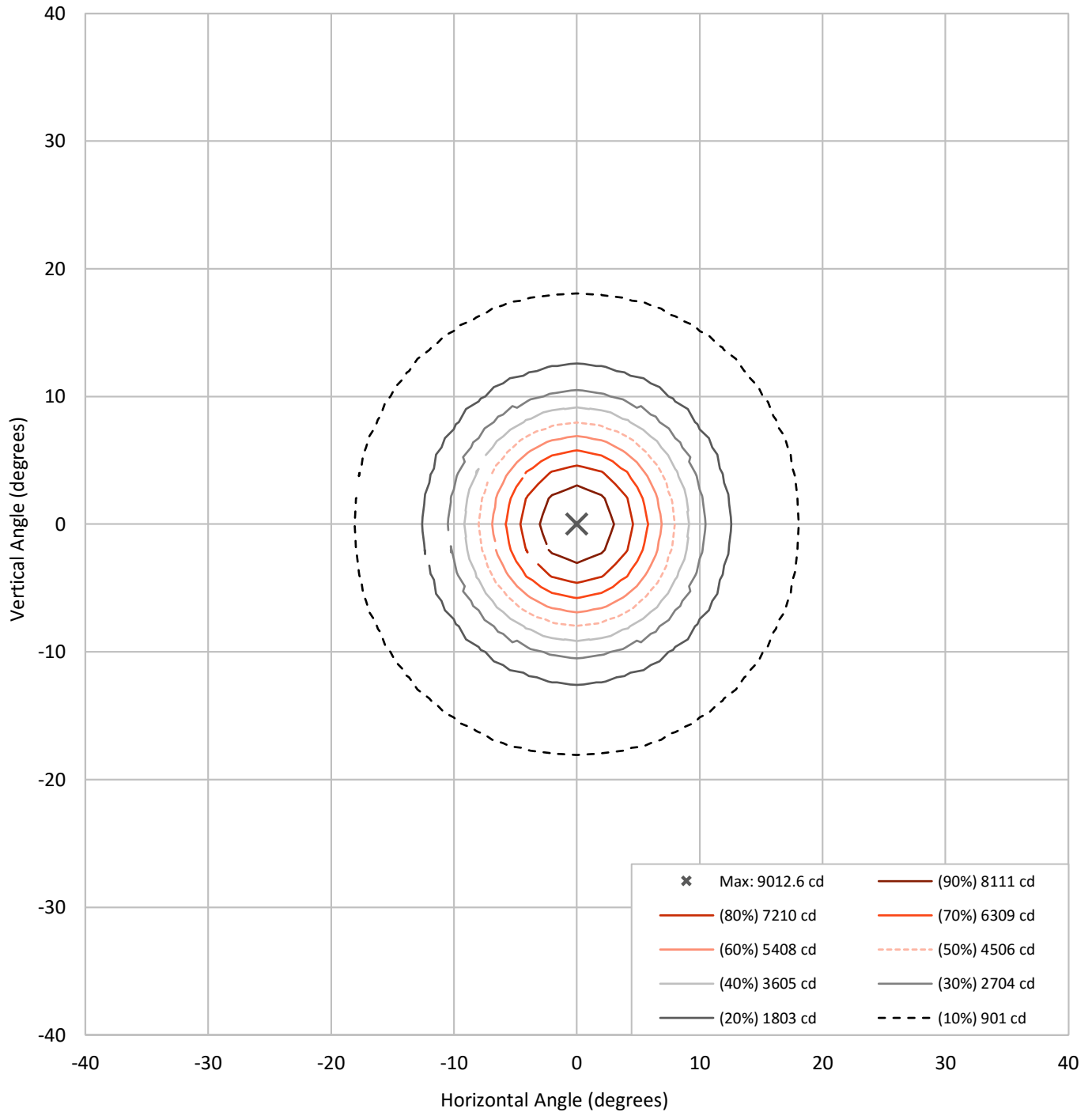
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1186.9 lumens	Max Intensity:	9012.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	16°H x 16°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	387.5 lumens	Field Lumens:	835.7 lumens
Beam Efficiency:	32.7%	Field Efficiency:	70.4%

Input Watts (W): 20.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





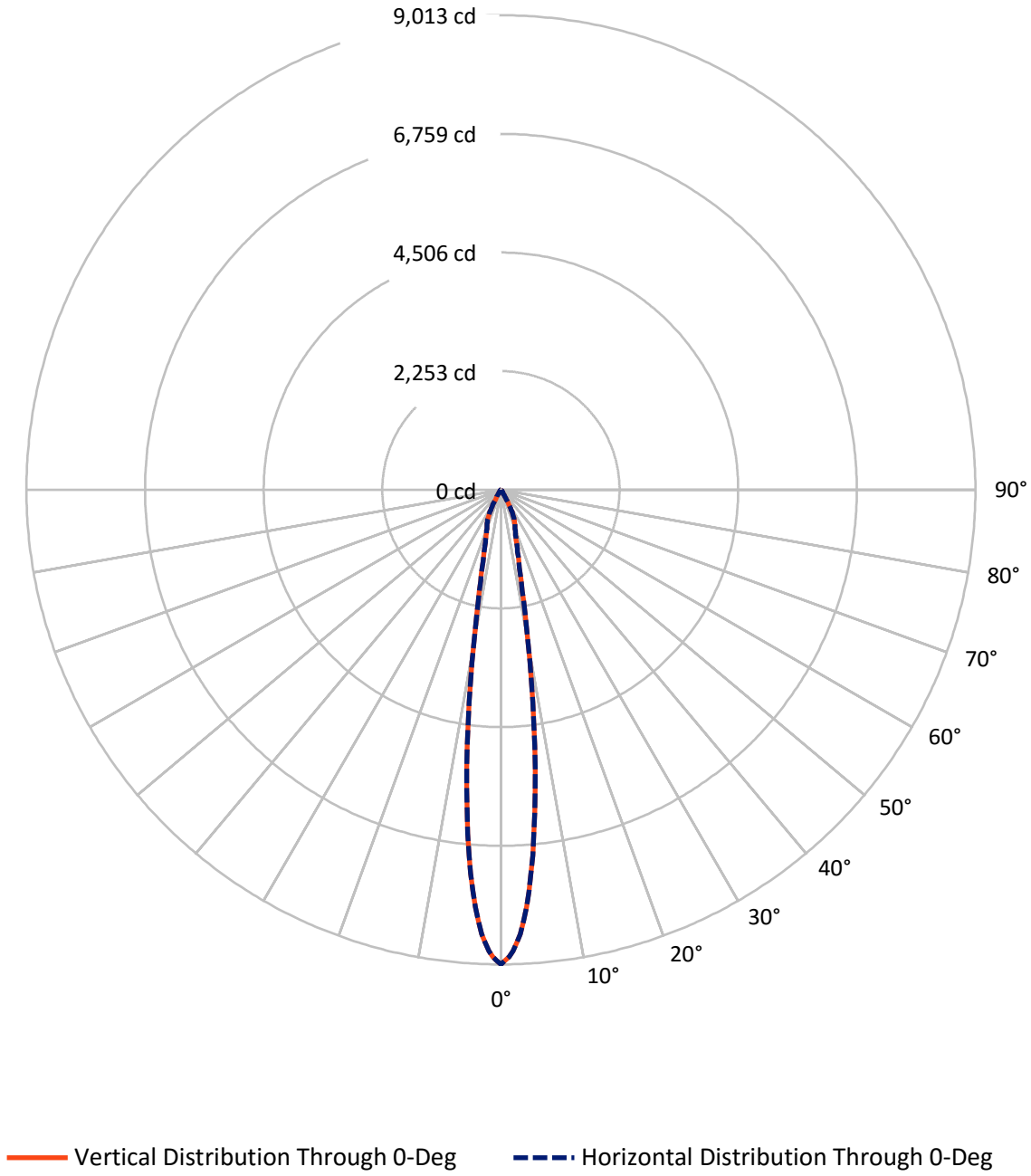
REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

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	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	0.0	
70	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	
60		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		
50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	
40		0.0	0.1	0.1	0.1	0.3	0.7	1.5	1.5	0.7	0.3	0.1	0.1	0.1		0.0
30	0.0	0.0	0.1	0.1	0.3	1.6	8.7	15.2	15.2	8.7	1.6	0.3	0.1	0.1	0.0	0.0
20		0.0	0.1	0.1	0.6	8.2	22.0	37.2	37.2	22.0	8.2	0.6	0.1	0.1	0.0	
10	0.0	0.0	0.1	0.2	1.3	13.9	36.2	146.0	146.0	36.2	13.9	1.3	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	1.3	13.9	36.2	146.0	146.0	36.2	13.9	1.3	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.6	8.2	22.0	37.2	37.2	22.0	8.2	0.6	0.1	0.1	0.0	0.0
-20		0.0	0.1	0.1	0.3	1.6	8.7	15.2	15.2	8.7	1.6	0.3	0.1	0.1	0.0	
-30	0.0	0.0	0.1	0.1	0.1	0.3	0.7	1.5	1.5	0.7	0.3	0.1	0.1	0.1	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-70	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
-80		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	
-90	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	0.0	

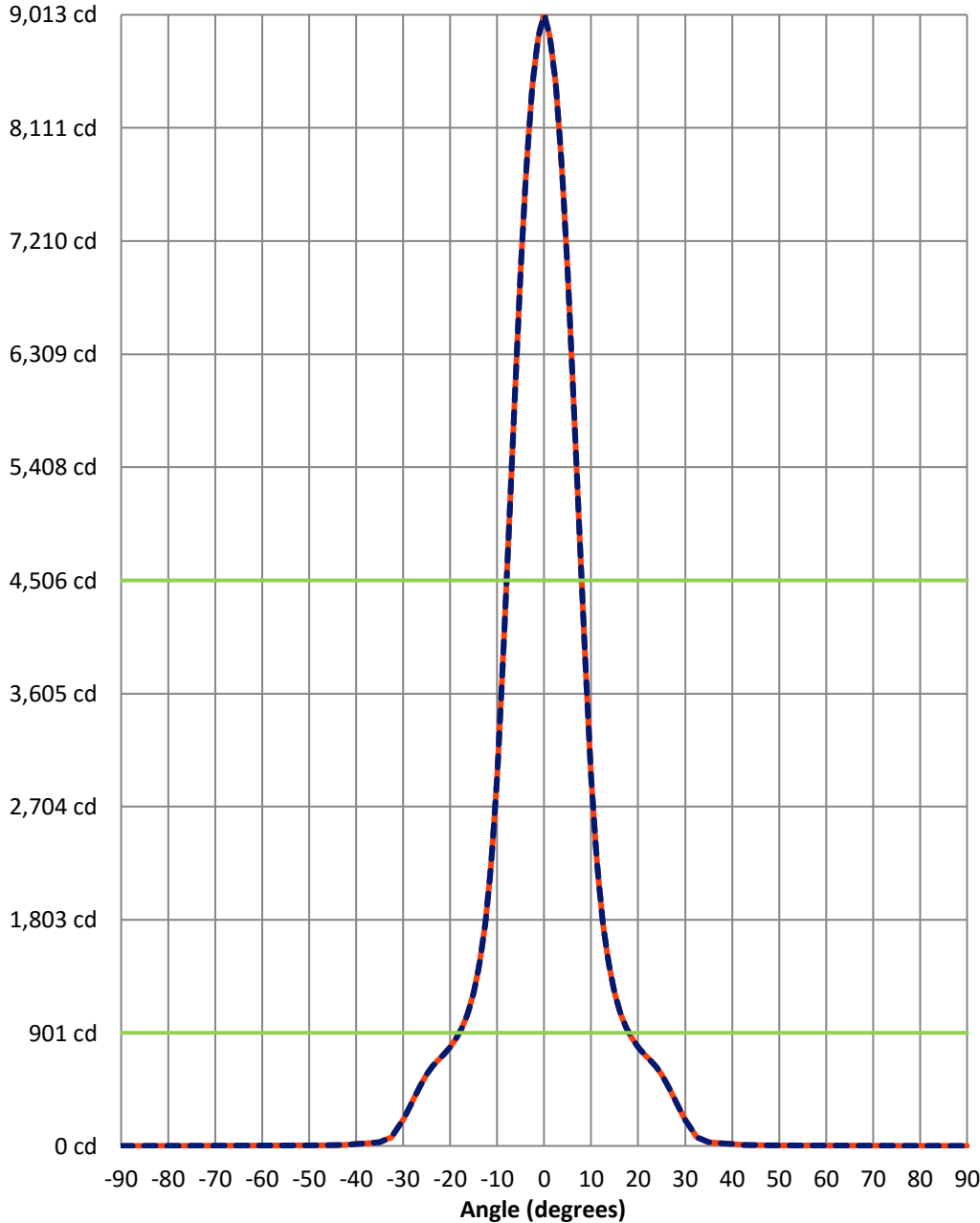
REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 16°
 V Angle: 16°
 Lumens: 387.5
 Efficiency: 32.7%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 835.7
 Efficiency: 70.4%

Spill:
 Lumens: 351.2
 Efficiency: 29.6%

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	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	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	2
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	1	2	2
40°	1	1	1	1	1	1	1	1	2	2	2
38.75°	1	1	1	1	1	1	1	1	2	2	2
37.5°	1	1	1	1	1	1	1	1	2	2	2
36.25°	1	1	1	1	1	1	1	2	2	2	2
35°	1	1	1	1	1	1	1	2	2	2	2



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	1	1	1	2	2	2	2	2	3
-23.75°	1	1	1	1	1	2	2	2	2	2	2
-25°	1	1	1	1	1	2	2	2	2	2	2
-26.25°	1	1	1	1	1	2	2	2	2	2	2
-27.5°	1	1	1	1	1	1	2	2	2	2	2
-28.75°	1	1	1	1	1	1	2	2	2	2	2
-30°	1	1	1	1	1	1	2	2	2	2	2
-31.25°	1	1	1	1	1	1	2	2	2	2	2
-32.5°	1	1	1	1	1	1	1	2	2	2	2
-33.75°	1	1	1	1	1	1	1	2	2	2	2
-35°	1	1	1	1	1	1	1	2	2	2	2
-36.25°	1	1	1	1	1	1	1	2	2	2	2
-37.5°	1	1	1	1	1	1	1	1	2	2	2
-38.75°	1	1	1	1	1	1	1	1	2	2	2
-40°	1	1	1	1	1	1	1	1	2	2	2
-41.25°	1	1	1	1	1	1	1	1	1	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	2
-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	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	3	3	3	3	3	4	4	4	4	4	4
-23.75°	3	3	3	3	3	4	4	4	4	4	4
-25°	3	3	3	3	3	4	4	4	4	4	4
-26.25°	3	3	3	3	3	3	4	4	4	4	4
-27.5°	3	3	3	3	3	3	4	4	4	4	4
-28.75°	2	3	3	3	3	3	4	4	4	4	4
-30°	2	3	3	3	3	3	3	4	4	4	4
-31.25°	2	3	3	3	3	3	3	4	4	4	4
-32.5°	2	3	3	3	3	3	3	3	4	4	4
-33.75°	2	2	3	3	3	3	3	3	4	4	4
-35°	2	2	3	3	3	3	3	3	3	4	4
-36.25°	2	2	2	3	3	3	3	3	3	4	4
-37.5°	2	2	2	3	3	3	3	3	3	3	4
-38.75°	2	2	2	2	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	3	3	3	3	3	3
-43.75°	2	2	2	2	2	2	3	3	3	3	3
-45°	2	2	2	2	2	2	2	3	3	3	3
-46.25°	2	2	2	2	2	2	2	3	3	3	3
-47.5°	2	2	2	2	2	2	2	2	3	3	3
-48.75°	1	2	2	2	2	2	2	2	2	3	3
-50°	1	2	2	2	2	2	2	2	2	2	3
-51.25°	1	1	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	2	2	2	2	2	2	2	2
-55°	1	1	1	1	2	2	2	2	2	2	2
-56.25°	1	1	1	1	1	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	2	2	2	2	2
-58.75°	1	1	1	1	1	1	1	2	2	2	2
-60°	1	1	1	1	1	1	1	1	1	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	2
-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	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	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	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	2
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	1	1	2	2	2	2	2	2
63.75°	1	1	1	2	2	2	2	2	2	2	2
62.5°	1	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	2	2	2	2	3	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	3	3	3	3	3	3	3	3	3
52.5°	2	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	4
50°	3	3	3	3	3	3	3	3	4	4	4
48.75°	3	3	3	3	3	3	3	4	4	4	4
47.5°	3	3	3	3	3	3	4	4	4	4	4
46.25°	3	3	3	3	3	4	4	4	4	4	4
45°	3	3	3	4	4	4	4	4	4	4	4
43.75°	3	3	3	4	4	4	4	4	4	4	4
42.5°	3	3	4	4	4	4	4	4	4	4	4
41.25°	3	4	4	4	4	4	4	4	4	4	4
40°	4	4	4	4	4	4	4	4	4	4	4
38.75°	4	4	4	4	4	4	4	4	4	4	4
37.5°	4	4	4	4	4	4	4	4	4	4	4
36.25°	4	4	4	4	4	4	4	4	4	4	4
35°	4	4	4	4	4	4	4	4	4	4	5



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	4	4	4	4	4	4	4	4	4	5	5
32.5°	4	4	4	4	4	4	4	4	5	5	5
31.25°	4	4	4	4	4	4	4	4	5	5	6
30°	4	4	4	4	4	4	4	5	5	5	6
28.75°	4	4	4	4	4	4	5	5	5	6	6
27.5°	4	4	4	4	4	4	5	5	6	6	7
26.25°	4	4	4	4	4	5	5	5	6	7	7
25°	4	4	4	4	4	5	5	6	6	7	7
23.75°	4	4	4	4	5	5	5	6	7	7	8
22.5°	4	4	4	4	5	5	6	6	7	7	10
21.25°	4	4	4	5	5	5	6	7	7	8	11
20°	4	4	4	5	5	6	6	7	7	10	13
18.75°	4	4	4	5	5	6	7	7	8	11	15
17.5°	4	4	5	5	5	6	7	7	9	13	16
16.25°	4	4	5	5	6	6	7	8	11	14	17
15°	4	4	5	5	6	7	7	8	12	15	18
13.75°	4	4	5	5	6	7	7	9	13	16	19
12.5°	4	5	5	6	6	7	8	10	14	17	20
11.25°	4	5	5	6	6	7	8	11	15	18	21
10°	4	5	5	6	6	7	9	12	16	19	22
8.75°	4	5	5	6	7	7	9	13	16	20	23
7.5°	4	5	5	6	7	7	10	14	17	20	24
6.25°	4	5	5	6	7	7	10	14	17	21	24
5°	4	5	5	6	7	8	11	15	18	21	25
3.75°	5	5	6	6	7	8	11	15	18	21	25
2.5°	5	5	6	6	7	8	11	15	18	22	26
1.25°	5	5	6	6	7	8	12	15	19	22	26
0°	5	5	6	6	7	8	12	15	19	22	26
-1.25°	5	5	6	6	7	8	12	15	19	22	26
-2.5°	5	5	6	6	7	8	11	15	18	22	26
-3.75°	5	5	6	6	7	8	11	15	18	21	25
-5°	4	5	5	6	7	8	11	15	18	21	25
-6.25°	4	5	5	6	7	7	10	14	17	21	24
-7.5°	4	5	5	6	7	7	10	14	17	20	24
-8.75°	4	5	5	6	7	7	9	13	16	20	23
-10°	4	5	5	6	6	7	9	12	16	19	22
-11.25°	4	5	5	6	6	7	8	11	15	18	21
-12.5°	4	5	5	6	6	7	8	10	14	17	20
-13.75°	4	4	5	5	6	7	7	9	13	16	19
-15°	4	4	5	5	6	7	7	8	12	15	18
-16.25°	4	4	5	5	6	6	7	8	11	14	17
-17.5°	4	4	5	5	5	6	7	7	9	13	16
-18.75°	4	4	4	5	5	6	7	7	8	11	15
-20°	4	4	4	5	5	6	6	7	7	10	13
-21.25°	4	4	4	5	5	5	6	7	7	8	11



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	4	4	4	4	5	5	6	6	7	7	10
-23.75°	4	4	4	4	5	5	5	6	7	7	8
-25°	4	4	4	4	4	5	5	6	6	7	7
-26.25°	4	4	4	4	4	5	5	5	6	7	7
-27.5°	4	4	4	4	4	4	5	5	6	6	7
-28.75°	4	4	4	4	4	4	5	5	5	6	6
-30°	4	4	4	4	4	4	4	5	5	5	6
-31.25°	4	4	4	4	4	4	4	4	5	5	6
-32.5°	4	4	4	4	4	4	4	4	5	5	5
-33.75°	4	4	4	4	4	4	4	4	4	5	5
-35°	4	4	4	4	4	4	4	4	4	4	5
-36.25°	4	4	4	4	4	4	4	4	4	4	4
-37.5°	4	4	4	4	4	4	4	4	4	4	4
-38.75°	4	4	4	4	4	4	4	4	4	4	4
-40°	4	4	4	4	4	4	4	4	4	4	4
-41.25°	3	4	4	4	4	4	4	4	4	4	4
-42.5°	3	3	4	4	4	4	4	4	4	4	4
-43.75°	3	3	3	4	4	4	4	4	4	4	4
-45°	3	3	3	4	4	4	4	4	4	4	4
-46.25°	3	3	3	3	3	4	4	4	4	4	4
-47.5°	3	3	3	3	3	3	4	4	4	4	4
-48.75°	3	3	3	3	3	3	3	4	4	4	4
-50°	3	3	3	3	3	3	3	3	4	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	4
-52.5°	2	3	3	3	3	3	3	3	3	3	3
-53.75°	2	2	3	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	2	2	2	2	2	2	2	2
-65°	1	1	1	1	1	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	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	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	2	2	2	2
68.75°	1	1	1	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	3
62.5°	2	2	2	2	2	2	3	3	3	3	3
61.25°	2	2	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	3	3
56.25°	3	3	3	3	3	3	3	3	4	4	4
55°	3	3	3	3	3	4	4	4	4	4	4
53.75°	3	3	3	4	4	4	4	4	4	4	4
52.5°	3	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	5	5
42.5°	4	4	4	4	4	4	4	5	5	5	5
41.25°	4	4	4	4	4	5	5	5	5	5	6
40°	4	4	4	4	5	5	5	5	6	6	6
38.75°	4	4	5	5	5	5	6	6	6	7	7
37.5°	4	5	5	5	5	6	6	7	7	7	7
36.25°	5	5	5	6	6	6	7	7	7	8	10
35°	5	5	6	6	6	7	7	8	9	11	13



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	5	6	6	6	7	7	8	10	12	14	16
32.5°	6	6	6	7	7	8	11	13	15	17	18
31.25°	6	6	7	7	9	11	13	16	17	19	21
30°	6	7	7	9	11	14	16	18	20	22	24
28.75°	7	7	8	11	14	16	18	20	22	25	27
27.5°	7	8	11	13	16	18	20	22	25	28	31
26.25°	8	10	13	16	18	20	22	25	28	33	45
25°	9	12	15	17	20	22	25	28	34	47	59
23.75°	11	14	17	19	22	25	28	33	47	60	83
22.5°	13	16	18	21	24	27	31	45	59	83	130
21.25°	15	17	20	23	26	29	42	57	77	128	177
20°	16	19	22	25	28	37	53	68	119	171	226
18.75°	18	20	23	27	32	48	63	104	159	214	282
17.5°	19	22	25	29	41	57	84	142	198	266	339
16.25°	20	23	27	33	50	66	118	177	242	317	394
15°	21	25	29	41	58	90	150	211	287	367	445
13.75°	22	26	30	48	66	119	180	251	332	414	491
12.5°	24	28	37	55	82	145	208	289	374	456	531
11.25°	25	29	43	61	105	170	241	325	412	494	568
10°	26	30	48	67	126	192	271	359	447	526	596
8.75°	27	34	53	79	145	212	298	389	476	555	622
7.5°	28	38	57	94	162	235	323	415	501	578	640
6.25°	28	42	61	108	176	254	345	438	522	596	654
5°	29	45	64	119	187	269	362	455	539	612	666
3.75°	30	47	66	128	197	282	376	468	552	624	675
2.5°	30	48	68	134	203	291	386	478	562	630	680
1.25°	30	49	69	138	207	297	392	484	567	634	684
0°	30	50	69	139	208	299	394	486	569	636	685
-1.25°	30	49	69	138	207	297	392	484	567	634	684
-2.5°	30	48	68	134	203	291	386	478	562	630	680
-3.75°	30	47	66	128	197	282	376	468	552	624	675
-5°	29	45	64	119	187	269	362	455	539	612	666
-6.25°	28	42	61	108	176	254	345	438	522	596	654
-7.5°	28	38	57	94	162	235	323	415	501	578	640
-8.75°	27	34	53	79	145	212	298	389	476	555	622
-10°	26	30	48	67	126	192	271	359	447	526	596
-11.25°	25	29	43	61	105	170	241	325	412	494	568
-12.5°	24	28	37	55	82	145	208	289	374	456	531
-13.75°	22	26	30	48	66	119	180	251	332	414	491
-15°	21	25	29	41	58	90	150	211	287	367	445
-16.25°	20	23	27	33	50	66	118	177	242	317	394
-17.5°	19	22	25	29	41	57	84	142	198	266	339
-18.75°	18	20	23	27	32	48	63	104	159	214	282
-20°	16	19	22	25	28	37	53	68	119	171	226
-21.25°	15	17	20	23	26	29	42	57	77	128	177



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	13	16	18	21	24	27	31	45	59	83	130
-23.75°	11	14	17	19	22	25	28	33	47	60	83
-25°	9	12	15	17	20	22	25	28	34	47	59
-26.25°	8	10	13	16	18	20	22	25	28	33	45
-27.5°	7	8	11	13	16	18	20	22	25	28	31
-28.75°	7	7	8	11	14	16	18	20	22	25	27
-30°	6	7	7	9	11	14	16	18	20	22	24
-31.25°	6	6	7	7	9	11	13	16	17	19	21
-32.5°	6	6	6	7	7	8	11	13	15	17	18
-33.75°	5	6	6	6	7	7	8	10	12	14	16
-35°	5	5	6	6	6	7	7	8	9	11	13
-36.25°	5	5	5	6	6	6	7	7	7	8	10
-37.5°	4	5	5	5	5	6	6	7	7	7	7
-38.75°	4	4	5	5	5	5	6	6	6	7	7
-40°	4	4	4	4	5	5	5	5	6	6	6
-41.25°	4	4	4	4	4	5	5	5	5	5	6
-42.5°	4	4	4	4	4	4	4	5	5	5	5
-43.75°	4	4	4	4	4	4	4	4	4	5	5
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	4	4	4	4	4	4	4	4	4	4
-53.75°	3	3	3	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-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	2	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	2	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	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	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	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	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	5	5	5	5
46.25°	4	4	4	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	6	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	6	7
42.5°	5	6	6	6	6	7	7	7	7	7	7
41.25°	6	6	7	7	7	7	7	8	8	9	9
40°	7	7	7	7	8	8	9	10	11	12	13
38.75°	7	7	8	9	11	12	13	14	15	16	16
37.5°	8	10	11	13	14	15	16	17	18	19	20
36.25°	11	13	15	16	17	18	19	20	21	22	23
35°	15	16	18	19	20	21	22	24	25	26	27



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	17	19	20	22	23	25	26	28	29	30	34
32.5°	20	22	23	25	27	29	30	37	43	48	53
31.25°	23	25	27	29	33	41	48	55	61	67	79
30°	26	28	32	41	50	58	66	82	105	126	145
28.75°	29	37	48	57	66	90	119	145	170	192	212
27.5°	42	53	63	84	118	150	180	208	241	271	298
26.25°	57	68	104	142	177	211	251	289	325	359	389
25°	77	119	159	198	242	287	332	374	412	447	476
23.75°	128	171	214	266	317	367	414	456	494	526	555
22.5°	177	226	282	339	394	445	491	531	568	596	622
21.25°	230	290	352	412	467	516	560	597	628	651	671
20°	290	357	421	480	533	580	619	648	673	694	713
18.75°	352	421	484	541	591	632	663	689	713	736	759
17.5°	412	480	541	594	637	671	699	727	756	784	813
16.25°	467	533	591	637	673	704	736	770	804	839	878
15°	516	580	632	671	704	739	777	817	860	906	954
13.75°	560	619	663	699	736	777	821	871	926	982	1054
12.5°	597	648	689	727	770	817	871	932	1002	1086	1190
11.25°	628	673	713	756	804	860	926	1002	1100	1220	1355
10°	651	694	736	784	839	906	982	1086	1220	1374	1563
8.75°	671	713	759	813	878	954	1054	1190	1355	1563	1824
7.5°	686	731	781	840	914	1004	1132	1299	1509	1784	2142
6.25°	699	746	801	868	949	1057	1210	1403	1669	2027	2509
5°	711	761	819	892	979	1109	1287	1519	1840	2284	2904
3.75°	721	772	834	912	1011	1157	1351	1613	1995	2548	3294
2.5°	727	781	845	927	1035	1192	1399	1702	2135	2765	3594
1.25°	731	786	853	937	1049	1214	1437	1758	2221	2899	3797
0°	733	787	855	940	1054	1221	1450	1777	2250	2944	3870
-1.25°	731	786	853	937	1049	1214	1437	1758	2221	2899	3797
-2.5°	727	781	845	927	1035	1192	1399	1702	2135	2765	3594
-3.75°	721	772	834	912	1011	1157	1351	1613	1995	2548	3294
-5°	711	761	819	892	979	1109	1287	1519	1840	2284	2904
-6.25°	699	746	801	868	949	1057	1210	1403	1669	2027	2509
-7.5°	686	731	781	840	914	1004	1132	1299	1509	1784	2142
-8.75°	671	713	759	813	878	954	1054	1190	1355	1563	1824
-10°	651	694	736	784	839	906	982	1086	1220	1374	1563
-11.25°	628	673	713	756	804	860	926	1002	1100	1220	1355
-12.5°	597	648	689	727	770	817	871	932	1002	1086	1190
-13.75°	560	619	663	699	736	777	821	871	926	982	1054
-15°	516	580	632	671	704	739	777	817	860	906	954
-16.25°	467	533	591	637	673	704	736	770	804	839	878
-17.5°	412	480	541	594	637	671	699	727	756	784	813
-18.75°	352	421	484	541	591	632	663	689	713	736	759
-20°	290	357	421	480	533	580	619	648	673	694	713
-21.25°	230	290	352	412	467	516	560	597	628	651	671



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	177	226	282	339	394	445	491	531	568	596	622
-23.75°	128	171	214	266	317	367	414	456	494	526	555
-25°	77	119	159	198	242	287	332	374	412	447	476
-26.25°	57	68	104	142	177	211	251	289	325	359	389
-27.5°	42	53	63	84	118	150	180	208	241	271	298
-28.75°	29	37	48	57	66	90	119	145	170	192	212
-30°	26	28	32	41	50	58	66	82	105	126	145
-31.25°	23	25	27	29	33	41	48	55	61	67	79
-32.5°	20	22	23	25	27	29	30	37	43	48	53
-33.75°	17	19	20	22	23	25	26	28	29	30	34
-35°	15	16	18	19	20	21	22	24	25	26	27
-36.25°	11	13	15	16	17	18	19	20	21	22	23
-37.5°	8	10	11	13	14	15	16	17	18	19	20
-38.75°	7	7	8	9	11	12	13	14	15	16	16
-40°	7	7	7	7	8	8	9	10	11	12	13
-41.25°	6	6	7	7	7	7	7	8	8	9	9
-42.5°	5	6	6	6	6	7	7	7	7	7	7
-43.75°	5	5	5	5	6	6	6	6	6	6	7
-45°	5	5	5	5	5	5	5	6	6	6	6
-46.25°	4	4	4	5	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	4	4	5	5	5	5
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	2	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	2	2	2	2	2	2	2
-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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	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	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
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	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	4	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	5	5	5	5	5	5	5	4
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	6	6	6	6	6	6	6	5
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	7	7	7	7	7	7	7	7	7	7	7
42.5°	7	7	8	8	8	8	8	8	8	8	8
41.25°	10	10	11	11	11	12	12	12	11	11	11
40°	14	14	15	15	15	15	15	15	15	15	15
38.75°	17	17	18	18	18	19	19	19	18	18	18
37.5°	20	21	21	21	22	22	22	22	22	21	21
36.25°	24	24	25	25	26	26	26	26	26	25	25
35°	28	28	29	30	30	30	30	30	30	30	29



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	38	42	45	47	48	49	50	49	48	47	45
32.5°	57	61	64	66	68	69	69	69	68	66	64
31.25°	94	108	119	128	134	138	139	138	134	128	119
30°	162	176	187	197	203	207	208	207	203	197	187
28.75°	235	254	269	282	291	297	299	297	291	282	269
27.5°	323	345	362	376	386	392	394	392	386	376	362
26.25°	415	438	455	468	478	484	486	484	478	468	455
25°	501	522	539	552	562	567	569	567	562	552	539
23.75°	578	596	612	624	630	634	636	634	630	624	612
22.5°	640	654	666	675	680	684	685	684	680	675	666
21.25°	686	699	711	721	727	731	733	731	727	721	711
20°	731	746	761	772	781	786	787	786	781	772	761
18.75°	781	801	819	834	845	853	855	853	845	834	819
17.5°	840	868	892	912	927	937	940	937	927	912	892
16.25°	914	949	979	1011	1035	1049	1054	1049	1035	1011	979
15°	1004	1057	1109	1157	1192	1214	1221	1214	1192	1157	1109
13.75°	1132	1210	1287	1351	1399	1437	1450	1437	1399	1351	1287
12.5°	1299	1403	1519	1613	1702	1758	1777	1758	1702	1613	1519
11.25°	1509	1669	1840	1995	2135	2221	2250	2221	2135	1995	1840
10°	1784	2027	2284	2548	2765	2899	2944	2899	2765	2548	2284
8.75°	2142	2509	2904	3294	3594	3797	3870	3797	3594	3294	2904
7.5°	2596	3123	3660	4174	4568	4819	4905	4819	4568	4174	3660
6.25°	3123	3804	4490	5084	5549	5849	5953	5849	5549	5084	4490
5°	3660	4490	5266	5956	6496	6847	6971	6847	6496	5956	5266
3.75°	4174	5084	5956	6728	7318	7700	7815	7700	7318	6728	5956
2.5°	4568	5549	6496	7318	7937	8326	8447	8326	7937	7318	6496
1.25°	4819	5849	6847	7700	8326	8709	8838	8709	8326	7700	6847
0°	4905	5953	6971	7815	8447	8838	9013	8838	8447	7815	6971
-1.25°	4819	5849	6847	7700	8326	8709	8838	8709	8326	7700	6847
-2.5°	4568	5549	6496	7318	7937	8326	8447	8326	7937	7318	6496
-3.75°	4174	5084	5956	6728	7318	7700	7815	7700	7318	6728	5956
-5°	3660	4490	5266	5956	6496	6847	6971	6847	6496	5956	5266
-6.25°	3123	3804	4490	5084	5549	5849	5953	5849	5549	5084	4490
-7.5°	2596	3123	3660	4174	4568	4819	4905	4819	4568	4174	3660
-8.75°	2142	2509	2904	3294	3594	3797	3870	3797	3594	3294	2904
-10°	1784	2027	2284	2548	2765	2899	2944	2899	2765	2548	2284
-11.25°	1509	1669	1840	1995	2135	2221	2250	2221	2135	1995	1840
-12.5°	1299	1403	1519	1613	1702	1758	1777	1758	1702	1613	1519
-13.75°	1132	1210	1287	1351	1399	1437	1450	1437	1399	1351	1287
-15°	1004	1057	1109	1157	1192	1214	1221	1214	1192	1157	1109
-16.25°	914	949	979	1011	1035	1049	1054	1049	1035	1011	979
-17.5°	840	868	892	912	927	937	940	937	927	912	892
-18.75°	781	801	819	834	845	853	855	853	845	834	819
-20°	731	746	761	772	781	786	787	786	781	772	761
-21.25°	686	699	711	721	727	731	733	731	727	721	711



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	640	654	666	675	680	684	685	684	680	675	666
-23.75°	578	596	612	624	630	634	636	634	630	624	612
-25°	501	522	539	552	562	567	569	567	562	552	539
-26.25°	415	438	455	468	478	484	486	484	478	468	455
-27.5°	323	345	362	376	386	392	394	392	386	376	362
-28.75°	235	254	269	282	291	297	299	297	291	282	269
-30°	162	176	187	197	203	207	208	207	203	197	187
-31.25°	94	108	119	128	134	138	139	138	134	128	119
-32.5°	57	61	64	66	68	69	69	69	68	66	64
-33.75°	38	42	45	47	48	49	50	49	48	47	45
-35°	28	28	29	30	30	30	30	30	30	30	29
-36.25°	24	24	25	25	26	26	26	26	26	25	25
-37.5°	20	21	21	21	22	22	22	22	22	21	21
-38.75°	17	17	18	18	18	19	19	19	18	18	18
-40°	14	14	15	15	15	15	15	15	15	15	15
-41.25°	10	10	11	11	11	12	12	12	11	11	11
-42.5°	7	7	8	8	8	8	8	8	8	8	8
-43.75°	7	7	7	7	7	7	7	7	7	7	7
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	5	5	5	6	6	6	6	6	6	6	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	4	4	4	5	5	5	5	5	5	5	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	4	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	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°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	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°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	2	2	2	2	2	2	2	2	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	5	4	4	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	5	4
45°	6	6	6	6	6	6	5	5	5	5	5
43.75°	7	7	7	6	6	6	6	6	6	5	5
42.5°	7	7	7	7	7	7	7	7	6	6	6
41.25°	10	10	9	9	8	8	7	7	7	7	7
40°	14	14	13	12	11	10	9	8	8	7	7
38.75°	17	17	16	16	15	14	13	12	11	9	8
37.5°	21	20	20	19	18	17	16	15	14	13	11
36.25°	24	24	23	22	21	20	19	18	17	16	15
35°	28	28	27	26	25	24	22	21	20	19	18



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	42	38	34	30	29	28	26	25	23	22	20
32.5°	61	57	53	48	43	37	30	29	27	25	23
31.25°	108	94	79	67	61	55	48	41	33	29	27
30°	176	162	145	126	105	82	66	58	50	41	32
28.75°	254	235	212	192	170	145	119	90	66	57	48
27.5°	345	323	298	271	241	208	180	150	118	84	63
26.25°	438	415	389	359	325	289	251	211	177	142	104
25°	522	501	476	447	412	374	332	287	242	198	159
23.75°	596	578	555	526	494	456	414	367	317	266	214
22.5°	654	640	622	596	568	531	491	445	394	339	282
21.25°	699	686	671	651	628	597	560	516	467	412	352
20°	746	731	713	694	673	648	619	580	533	480	421
18.75°	801	781	759	736	713	689	663	632	591	541	484
17.5°	868	840	813	784	756	727	699	671	637	594	541
16.25°	949	914	878	839	804	770	736	704	673	637	591
15°	1057	1004	954	906	860	817	777	739	704	671	632
13.75°	1210	1132	1054	982	926	871	821	777	736	699	663
12.5°	1403	1299	1190	1086	1002	932	871	817	770	727	689
11.25°	1669	1509	1355	1220	1100	1002	926	860	804	756	713
10°	2027	1784	1563	1374	1220	1086	982	906	839	784	736
8.75°	2509	2142	1824	1563	1355	1190	1054	954	878	813	759
7.5°	3123	2596	2142	1784	1509	1299	1132	1004	914	840	781
6.25°	3804	3123	2509	2027	1669	1403	1210	1057	949	868	801
5°	4490	3660	2904	2284	1840	1519	1287	1109	979	892	819
3.75°	5084	4174	3294	2548	1995	1613	1351	1157	1011	912	834
2.5°	5549	4568	3594	2765	2135	1702	1399	1192	1035	927	845
1.25°	5849	4819	3797	2899	2221	1758	1437	1214	1049	937	853
0°	5953	4905	3870	2944	2250	1777	1450	1221	1054	940	855
-1.25°	5849	4819	3797	2899	2221	1758	1437	1214	1049	937	853
-2.5°	5549	4568	3594	2765	2135	1702	1399	1192	1035	927	845
-3.75°	5084	4174	3294	2548	1995	1613	1351	1157	1011	912	834
-5°	4490	3660	2904	2284	1840	1519	1287	1109	979	892	819
-6.25°	3804	3123	2509	2027	1669	1403	1210	1057	949	868	801
-7.5°	3123	2596	2142	1784	1509	1299	1132	1004	914	840	781
-8.75°	2509	2142	1824	1563	1355	1190	1054	954	878	813	759
-10°	2027	1784	1563	1374	1220	1086	982	906	839	784	736
-11.25°	1669	1509	1355	1220	1100	1002	926	860	804	756	713
-12.5°	1403	1299	1190	1086	1002	932	871	817	770	727	689
-13.75°	1210	1132	1054	982	926	871	821	777	736	699	663
-15°	1057	1004	954	906	860	817	777	739	704	671	632
-16.25°	949	914	878	839	804	770	736	704	673	637	591
-17.5°	868	840	813	784	756	727	699	671	637	594	541
-18.75°	801	781	759	736	713	689	663	632	591	541	484
-20°	746	731	713	694	673	648	619	580	533	480	421
-21.25°	699	686	671	651	628	597	560	516	467	412	352



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	654	640	622	596	568	531	491	445	394	339	282
-23.75°	596	578	555	526	494	456	414	367	317	266	214
-25°	522	501	476	447	412	374	332	287	242	198	159
-26.25°	438	415	389	359	325	289	251	211	177	142	104
-27.5°	345	323	298	271	241	208	180	150	118	84	63
-28.75°	254	235	212	192	170	145	119	90	66	57	48
-30°	176	162	145	126	105	82	66	58	50	41	32
-31.25°	108	94	79	67	61	55	48	41	33	29	27
-32.5°	61	57	53	48	43	37	30	29	27	25	23
-33.75°	42	38	34	30	29	28	26	25	23	22	20
-35°	28	28	27	26	25	24	22	21	20	19	18
-36.25°	24	24	23	22	21	20	19	18	17	16	15
-37.5°	21	20	20	19	18	17	16	15	14	13	11
-38.75°	17	17	16	16	15	14	13	12	11	9	8
-40°	14	14	13	12	11	10	9	8	8	7	7
-41.25°	10	10	9	9	8	8	7	7	7	7	7
-42.5°	7	7	7	7	7	7	7	7	6	6	6
-43.75°	7	7	7	6	6	6	6	6	6	5	5
-45°	6	6	6	6	6	6	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	4
-47.5°	5	5	5	5	5	5	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	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	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	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	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	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°	2	2	2	2	2	2	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	2	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	4	4	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	3
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	4	4	4	4	4	4	4	4	4
43.75°	5	5	5	5	4	4	4	4	4	4	4
42.5°	6	5	5	5	5	5	4	4	4	4	4
41.25°	6	6	6	5	5	5	5	5	4	4	4
40°	7	7	6	6	6	5	5	5	5	4	4
38.75°	7	7	7	7	6	6	6	5	5	5	5
37.5°	10	8	7	7	7	7	6	6	5	5	5
36.25°	13	11	10	8	7	7	7	6	6	6	5
35°	16	15	13	11	9	8	7	7	6	6	6



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	19	17	16	14	12	10	8	7	7	6	6
32.5°	22	20	18	17	15	13	11	8	7	7	6
31.25°	25	23	21	19	17	16	13	11	9	7	7
30°	28	26	24	22	20	18	16	14	11	9	7
28.75°	37	29	27	25	22	20	18	16	14	11	8
27.5°	53	42	31	28	25	22	20	18	16	13	11
26.25°	68	57	45	33	28	25	22	20	18	16	13
25°	119	77	59	47	34	28	25	22	20	17	15
23.75°	171	128	83	60	47	33	28	25	22	19	17
22.5°	226	177	130	83	59	45	31	27	24	21	18
21.25°	290	230	177	128	77	57	42	29	26	23	20
20°	357	290	226	171	119	68	53	37	28	25	22
18.75°	421	352	282	214	159	104	63	48	32	27	23
17.5°	480	412	339	266	198	142	84	57	41	29	25
16.25°	533	467	394	317	242	177	118	66	50	33	27
15°	580	516	445	367	287	211	150	90	58	41	29
13.75°	619	560	491	414	332	251	180	119	66	48	30
12.5°	648	597	531	456	374	289	208	145	82	55	37
11.25°	673	628	568	494	412	325	241	170	105	61	43
10°	694	651	596	526	447	359	271	192	126	67	48
8.75°	713	671	622	555	476	389	298	212	145	79	53
7.5°	731	686	640	578	501	415	323	235	162	94	57
6.25°	746	699	654	596	522	438	345	254	176	108	61
5°	761	711	666	612	539	455	362	269	187	119	64
3.75°	772	721	675	624	552	468	376	282	197	128	66
2.5°	781	727	680	630	562	478	386	291	203	134	68
1.25°	786	731	684	634	567	484	392	297	207	138	69
0°	787	733	685	636	569	486	394	299	208	139	69
-1.25°	786	731	684	634	567	484	392	297	207	138	69
-2.5°	781	727	680	630	562	478	386	291	203	134	68
-3.75°	772	721	675	624	552	468	376	282	197	128	66
-5°	761	711	666	612	539	455	362	269	187	119	64
-6.25°	746	699	654	596	522	438	345	254	176	108	61
-7.5°	731	686	640	578	501	415	323	235	162	94	57
-8.75°	713	671	622	555	476	389	298	212	145	79	53
-10°	694	651	596	526	447	359	271	192	126	67	48
-11.25°	673	628	568	494	412	325	241	170	105	61	43
-12.5°	648	597	531	456	374	289	208	145	82	55	37
-13.75°	619	560	491	414	332	251	180	119	66	48	30
-15°	580	516	445	367	287	211	150	90	58	41	29
-16.25°	533	467	394	317	242	177	118	66	50	33	27
-17.5°	480	412	339	266	198	142	84	57	41	29	25
-18.75°	421	352	282	214	159	104	63	48	32	27	23
-20°	357	290	226	171	119	68	53	37	28	25	22
-21.25°	290	230	177	128	77	57	42	29	26	23	20



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	226	177	130	83	59	45	31	27	24	21	18
-23.75°	171	128	83	60	47	33	28	25	22	19	17
-25°	119	77	59	47	34	28	25	22	20	17	15
-26.25°	68	57	45	33	28	25	22	20	18	16	13
-27.5°	53	42	31	28	25	22	20	18	16	13	11
-28.75°	37	29	27	25	22	20	18	16	14	11	8
-30°	28	26	24	22	20	18	16	14	11	9	7
-31.25°	25	23	21	19	17	16	13	11	9	7	7
-32.5°	22	20	18	17	15	13	11	8	7	7	6
-33.75°	19	17	16	14	12	10	8	7	7	6	6
-35°	16	15	13	11	9	8	7	7	6	6	6
-36.25°	13	11	10	8	7	7	7	6	6	6	5
-37.5°	10	8	7	7	7	7	6	6	5	5	5
-38.75°	7	7	7	7	6	6	6	5	5	5	5
-40°	7	7	6	6	6	5	5	5	5	4	4
-41.25°	6	6	6	5	5	5	5	5	4	4	4
-42.5°	6	5	5	5	5	5	4	4	4	4	4
-43.75°	5	5	5	5	4	4	4	4	4	4	4
-45°	5	5	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	3
-55°	4	4	4	4	4	4	4	4	3	3	3
-56.25°	4	4	4	4	4	3	3	3	3	3	3
-57.5°	4	4	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	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	2	2	2	2
-63.75°	3	3	3	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	1
-70°	2	2	2	2	2	2	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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°	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°	2	2	2	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	1	1	1
63.75°	2	2	2	2	2	2	2	2	2	2	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	4	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	4	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	3	3	3	3	3
47.5°	4	4	4	4	4	4	4	3	3	3	3
46.25°	4	4	4	4	4	4	4	4	3	3	3
45°	4	4	4	4	4	4	4	4	4	4	3
43.75°	4	4	4	4	4	4	4	4	4	4	3
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	4	4
40°	4	4	4	4	4	4	4	4	4	4	4
38.75°	4	4	4	4	4	4	4	4	4	4	4
37.5°	5	4	4	4	4	4	4	4	4	4	4
36.25°	5	5	4	4	4	4	4	4	4	4	4
35°	5	5	5	4	4	4	4	4	4	4	4



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	6	5	5	5	4	4	4	4	4	4	4
32.5°	6	6	5	5	5	4	4	4	4	4	4
31.25°	6	6	6	5	5	4	4	4	4	4	4
30°	7	6	6	5	5	5	4	4	4	4	4
28.75°	7	7	6	6	5	5	5	4	4	4	4
27.5°	8	7	7	6	6	5	5	4	4	4	4
26.25°	10	8	7	7	6	5	5	5	4	4	4
25°	12	9	7	7	6	6	5	5	4	4	4
23.75°	14	11	8	7	7	6	5	5	5	4	4
22.5°	16	13	10	7	7	6	6	5	5	4	4
21.25°	17	15	11	8	7	7	6	5	5	5	4
20°	19	16	13	10	7	7	6	6	5	5	4
18.75°	20	18	15	11	8	7	7	6	5	5	4
17.5°	22	19	16	13	9	7	7	6	5	5	5
16.25°	23	20	17	14	11	8	7	6	6	5	5
15°	25	21	18	15	12	8	7	7	6	5	5
13.75°	26	22	19	16	13	9	7	7	6	5	5
12.5°	28	24	20	17	14	10	8	7	6	6	5
11.25°	29	25	21	18	15	11	8	7	6	6	5
10°	30	26	22	19	16	12	9	7	6	6	5
8.75°	34	27	23	20	16	13	9	7	7	6	5
7.5°	38	28	24	20	17	14	10	7	7	6	5
6.25°	42	28	24	21	17	14	10	7	7	6	5
5°	45	29	25	21	18	15	11	8	7	6	5
3.75°	47	30	25	21	18	15	11	8	7	6	6
2.5°	48	30	26	22	18	15	11	8	7	6	6
1.25°	49	30	26	22	19	15	12	8	7	6	6
0°	50	30	26	22	19	15	12	8	7	6	6
-1.25°	49	30	26	22	19	15	12	8	7	6	6
-2.5°	48	30	26	22	18	15	11	8	7	6	6
-3.75°	47	30	25	21	18	15	11	8	7	6	6
-5°	45	29	25	21	18	15	11	8	7	6	5
-6.25°	42	28	24	21	17	14	10	7	7	6	5
-7.5°	38	28	24	20	17	14	10	7	7	6	5
-8.75°	34	27	23	20	16	13	9	7	7	6	5
-10°	30	26	22	19	16	12	9	7	6	6	5
-11.25°	29	25	21	18	15	11	8	7	6	6	5
-12.5°	28	24	20	17	14	10	8	7	6	6	5
-13.75°	26	22	19	16	13	9	7	7	6	5	5
-15°	25	21	18	15	12	8	7	7	6	5	5
-16.25°	23	20	17	14	11	8	7	6	6	5	5
-17.5°	22	19	16	13	9	7	7	6	5	5	5
-18.75°	20	18	15	11	8	7	7	6	5	5	4
-20°	19	16	13	10	7	7	6	6	5	5	4
-21.25°	17	15	11	8	7	7	6	5	5	5	4



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	16	13	10	7	7	6	6	5	5	4	4
-23.75°	14	11	8	7	7	6	5	5	5	4	4
-25°	12	9	7	7	6	6	5	5	4	4	4
-26.25°	10	8	7	7	6	5	5	5	4	4	4
-27.5°	8	7	7	6	6	5	5	4	4	4	4
-28.75°	7	7	6	6	5	5	5	4	4	4	4
-30°	7	6	6	5	5	5	4	4	4	4	4
-31.25°	6	6	6	5	5	4	4	4	4	4	4
-32.5°	6	6	5	5	5	4	4	4	4	4	4
-33.75°	6	5	5	5	4	4	4	4	4	4	4
-35°	5	5	5	4	4	4	4	4	4	4	4
-36.25°	5	5	4	4	4	4	4	4	4	4	4
-37.5°	5	4	4	4	4	4	4	4	4	4	4
-38.75°	4	4	4	4	4	4	4	4	4	4	4
-40°	4	4	4	4	4	4	4	4	4	4	4
-41.25°	4	4	4	4	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	3
-45°	4	4	4	4	4	4	4	4	4	4	3
-46.25°	4	4	4	4	4	4	4	4	3	3	3
-47.5°	4	4	4	4	4	4	4	3	3	3	3
-48.75°	4	4	4	4	4	4	3	3	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	4	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	3	3	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	1
-65°	2	2	2	2	2	2	2	2	1	1	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	2	2	2	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	4	4	4	4	4	4	3	3	3
-23.75°	4	4	4	4	4	4	4	4	3	3	3
-25°	4	4	4	4	4	4	4	4	3	3	3
-26.25°	4	4	4	4	4	4	4	3	3	3	3
-27.5°	4	4	4	4	4	4	4	3	3	3	3
-28.75°	4	4	4	4	4	4	4	3	3	3	3
-30°	4	4	4	4	4	4	3	3	3	3	3
-31.25°	4	4	4	4	4	4	3	3	3	3	3
-32.5°	4	4	4	4	4	3	3	3	3	3	3
-33.75°	4	4	4	4	4	3	3	3	3	3	3
-35°	4	4	4	4	3	3	3	3	3	3	3
-36.25°	4	4	4	4	3	3	3	3	3	3	2
-37.5°	4	4	4	3	3	3	3	3	3	3	2
-38.75°	4	4	4	3	3	3	3	3	3	2	2
-40°	4	4	3	3	3	3	3	3	3	2	2
-41.25°	4	3	3	3	3	3	3	3	2	2	2
-42.5°	3	3	3	3	3	3	3	3	2	2	2
-43.75°	3	3	3	3	3	3	3	2	2	2	2
-45°	3	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	3	2	2	2	2	2	2
-48.75°	3	3	3	3	2	2	2	2	2	2	2
-50°	3	3	3	2	2	2	2	2	2	2	2
-51.25°	3	3	2	2	2	2	2	2	2	2	2
-52.5°	3	2	2	2	2	2	2	2	2	2	1
-53.75°	2	2	2	2	2	2	2	2	2	2	1
-55°	2	2	2	2	2	2	2	2	2	1	1
-56.25°	2	2	2	2	2	2	2	2	1	1	1
-57.5°	2	2	2	2	2	2	2	1	1	1	1
-58.75°	2	2	2	2	2	2	1	1	1	1	1
-60°	2	2	2	2	1	1	1	1	1	1	1
-61.25°	2	2	2	1	1	1	1	1	1	1	1
-62.5°	2	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	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	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°	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°	2	1	1	1	1	1	1	1	1	1	1
48.75°	2	1	1	1	1	1	1	1	1	1	1
47.5°	2	2	1	1	1	1	1	1	1	1	1
46.25°	2	2	1	1	1	1	1	1	1	1	1
45°	2	2	2	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	1	1	1	1	1	1	1
40°	2	2	2	2	2	1	1	1	1	1	1
38.75°	2	2	2	2	2	1	1	1	1	1	1
37.5°	2	2	2	2	2	1	1	1	1	1	1
36.25°	2	2	2	2	2	2	1	1	1	1	1
35°	2	2	2	2	2	2	1	1	1	1	1



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	3	3	3	2	2	2	2	2	1	1	1
-23.75°	3	3	2	2	2	2	2	2	1	1	1
-25°	3	3	2	2	2	2	2	2	1	1	1
-26.25°	3	3	2	2	2	2	2	2	1	1	1
-27.5°	3	3	2	2	2	2	2	1	1	1	1
-28.75°	3	2	2	2	2	2	2	1	1	1	1
-30°	3	2	2	2	2	2	2	1	1	1	1
-31.25°	3	2	2	2	2	2	2	1	1	1	1
-32.5°	3	2	2	2	2	2	1	1	1	1	1
-33.75°	2	2	2	2	2	2	1	1	1	1	1
-35°	2	2	2	2	2	2	1	1	1	1	1
-36.25°	2	2	2	2	2	2	1	1	1	1	1
-37.5°	2	2	2	2	2	1	1	1	1	1	1
-38.75°	2	2	2	2	2	1	1	1	1	1	1
-40°	2	2	2	2	2	1	1	1	1	1	1
-41.25°	2	2	2	2	1	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	2	1	1	1	1	1	1	1	1
-46.25°	2	2	1	1	1	1	1	1	1	1	1
-47.5°	2	2	1	1	1	1	1	1	1	1	1
-48.75°	2	1	1	1	1	1	1	1	1	1	1
-50°	2	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	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2797-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220654 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)