

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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED2790-S-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220650 (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-LED2790-S-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT
OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

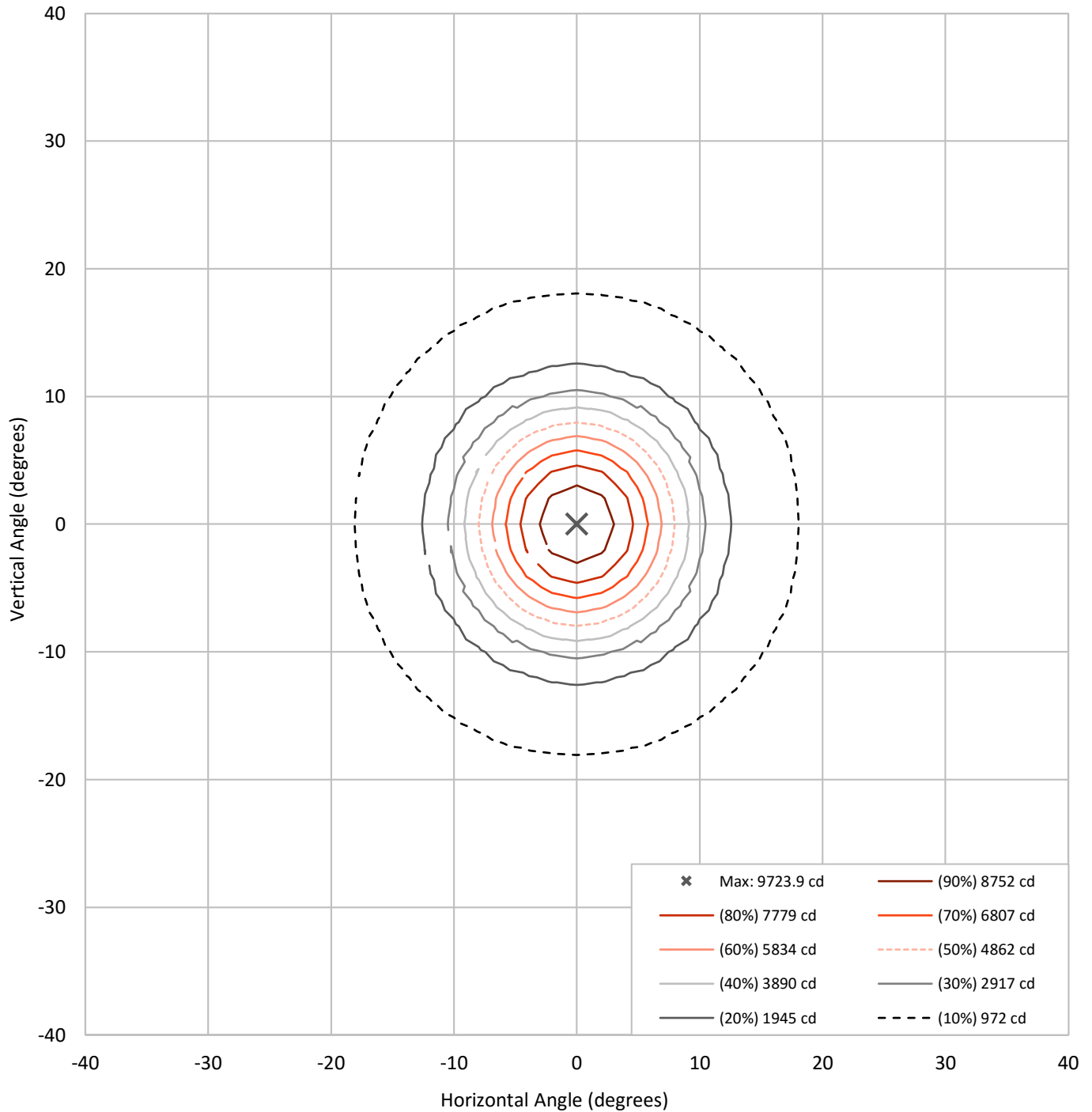
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1280.6 lumens	Max Intensity:	9723.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.7 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:	418.1 lumens	Field Lumens:	901.6 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		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L2-UNV

Iso-Candela Plot





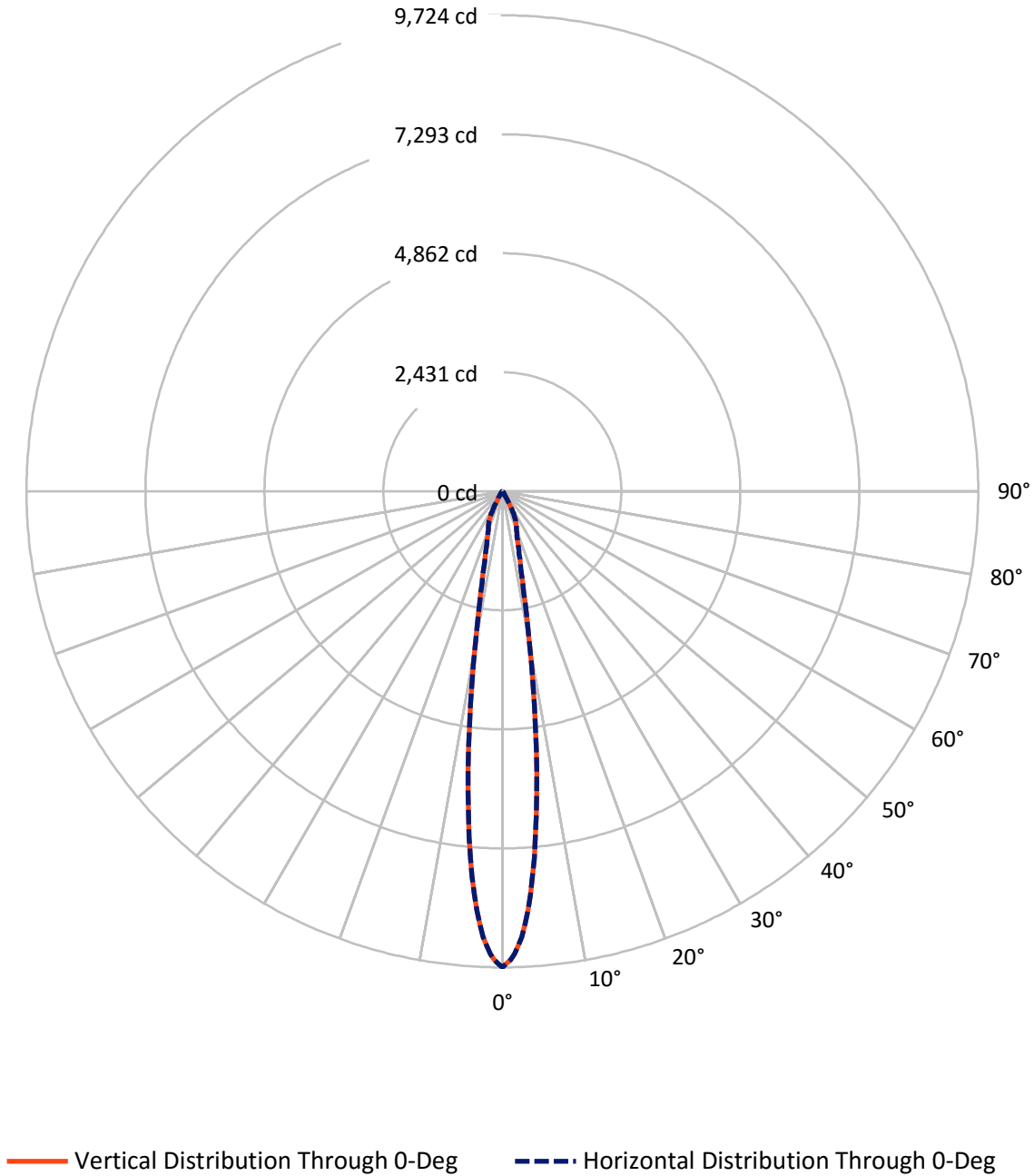
REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L2-UNV

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
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	0.1	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
40		0.0	0.1	0.1	0.1	0.3	0.8	1.7	1.7	0.8	0.3	0.1	0.1	0.1
30	0.0	0.0	0.1	0.1	0.3	1.8	9.4	16.4	16.4	9.4	1.8	0.3	0.1	0.1
20		0.0	0.1	0.1	0.7	8.9	23.7	40.1	40.1	23.7	8.9	0.7	0.1	0.1
10	0.0	0.0	0.1	0.2	1.4	15.1	39.1	157.6	157.6	39.1	15.1	1.4	0.2	0.1
0		0.0	0.1	0.2	1.4	15.1	39.1	157.6	157.6	39.1	15.1	1.4	0.2	0.1
-10	0.0	0.0	0.1	0.1	0.7	8.9	23.7	40.1	40.1	23.7	8.9	0.7	0.1	0.1
-20		0.0	0.1	0.1	0.3	1.8	9.4	16.4	16.4	9.4	1.8	0.3	0.1	0.1
-30	0.0	0.0	0.1	0.1	0.1	0.3	0.8	1.7	1.7	0.8	0.3	0.1	0.1	0.1
-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
-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	0.0	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
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
-80		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
-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

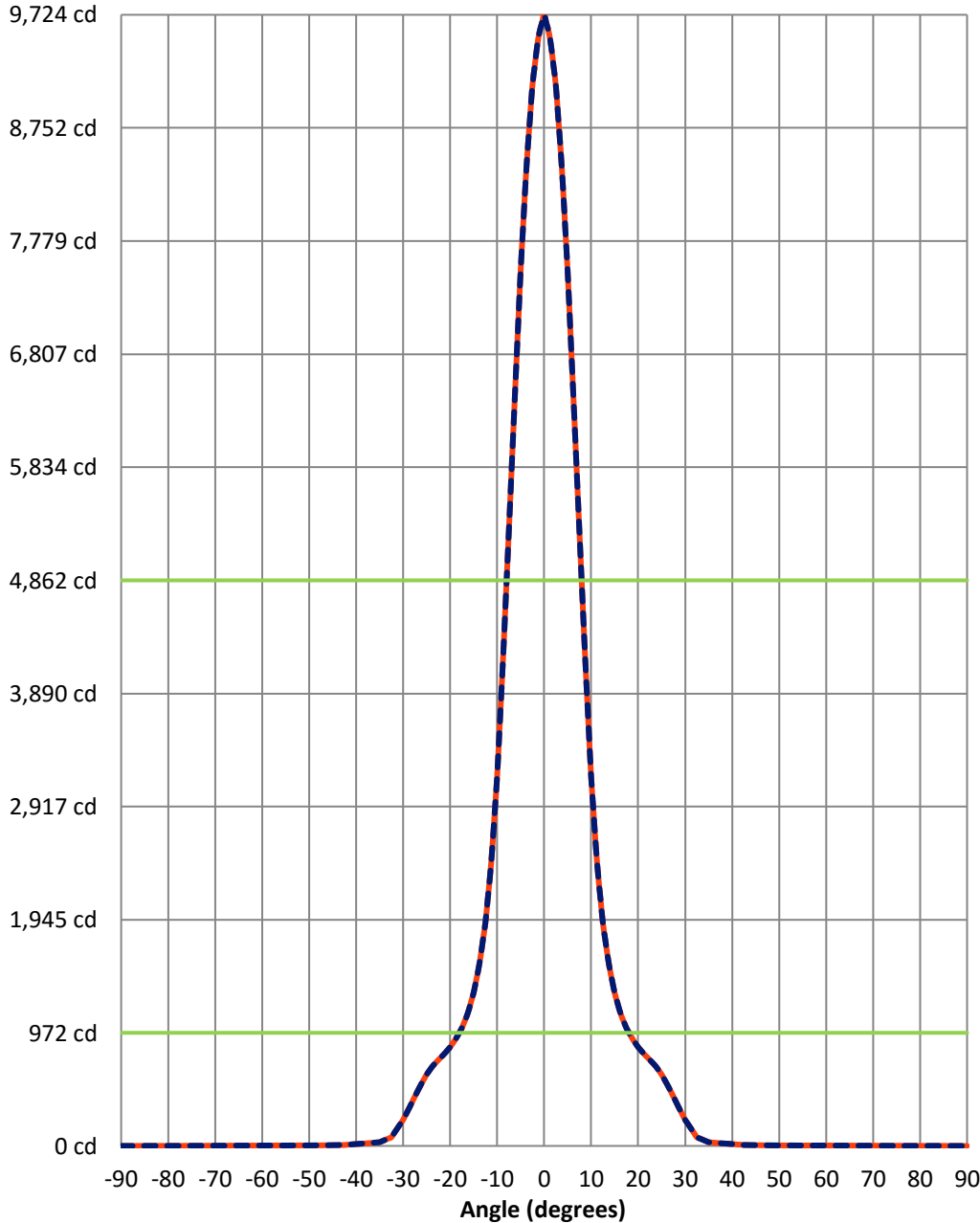
REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L2-UNV

Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 16°
 V Angle: 16°
 Lumens: 418.1
 Efficiency: 32.7%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 901.6
 Efficiency: 70.4%

Spill:
 Lumens: 379
 Efficiency: 29.6%

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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	0	0	1	1
66.25°	0	0	0	0	0	0	0	0	0	1	1
65°	0	0	0	0	0	0	0	0	1	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	1	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	1	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	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	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	1	1	1	1	1	1	1



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	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	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	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	1	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	1	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	1	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	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	1
-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	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	2
52.5°	1	1	1	1	1	1	1	1	1	1	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	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	2	2	2	2
45°	1	1	1	1	1	1	1	2	2	2	2
43.75°	1	1	1	1	1	1	2	2	2	2	2
42.5°	1	1	1	1	1	1	2	2	2	2	2
41.25°	1	1	1	1	1	1	2	2	2	2	2
40°	1	1	1	1	1	2	2	2	2	2	2
38.75°	1	1	1	1	1	2	2	2	2	2	2
37.5°	1	1	1	1	1	2	2	2	2	2	2
36.25°	1	1	1	1	2	2	2	2	2	2	2
35°	1	1	1	1	2	2	2	2	2	2	2



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	2	2	2	2	2	2	2
32.5°	1	1	1	1	2	2	2	2	2	2	2
31.25°	1	1	1	1	2	2	2	2	2	2	2
30°	1	1	1	2	2	2	2	2	2	2	2
28.75°	1	1	1	2	2	2	2	2	2	2	2
27.5°	1	1	1	2	2	2	2	2	2	2	2
26.25°	1	1	1	2	2	2	2	2	2	2	3
25°	1	1	1	2	2	2	2	2	2	2	3
23.75°	1	1	1	2	2	2	2	2	2	2	3
22.5°	1	1	1	2	2	2	2	2	2	2	3
21.25°	1	1	2	2	2	2	2	2	2	2	3
20°	1	1	2	2	2	2	2	2	2	3	3
18.75°	1	1	2	2	2	2	2	2	2	3	3
17.5°	1	1	2	2	2	2	2	2	2	3	3
16.25°	1	1	2	2	2	2	2	2	2	3	3
15°	1	1	2	2	2	2	2	2	2	3	3
13.75°	1	1	2	2	2	2	2	2	2	3	3
12.5°	1	1	2	2	2	2	2	2	2	3	3
11.25°	1	1	2	2	2	2	2	2	3	3	3
10°	1	1	2	2	2	2	2	2	3	3	3
8.75°	1	1	2	2	2	2	2	2	3	3	3
7.5°	1	1	2	2	2	2	2	2	3	3	3
6.25°	1	1	2	2	2	2	2	2	3	3	3
5°	1	1	2	2	2	2	2	2	3	3	3
3.75°	1	1	2	2	2	2	2	2	3	3	3
2.5°	1	1	2	2	2	2	2	2	3	3	3
1.25°	1	1	2	2	2	2	2	2	3	3	3
0°	1	2	2	2	2	2	2	2	3	3	3
-1.25°	1	1	2	2	2	2	2	2	3	3	3
-2.5°	1	1	2	2	2	2	2	2	3	3	3
-3.75°	1	1	2	2	2	2	2	2	3	3	3
-5°	1	1	2	2	2	2	2	2	3	3	3
-6.25°	1	1	2	2	2	2	2	2	3	3	3
-7.5°	1	1	2	2	2	2	2	2	3	3	3
-8.75°	1	1	2	2	2	2	2	2	3	3	3
-10°	1	1	2	2	2	2	2	2	3	3	3
-11.25°	1	1	2	2	2	2	2	2	3	3	3
-12.5°	1	1	2	2	2	2	2	2	2	3	3
-13.75°	1	1	2	2	2	2	2	2	2	3	3
-15°	1	1	2	2	2	2	2	2	2	3	3
-16.25°	1	1	2	2	2	2	2	2	2	3	3
-17.5°	1	1	2	2	2	2	2	2	2	3	3
-18.75°	1	1	2	2	2	2	2	2	2	3	3
-20°	1	1	2	2	2	2	2	2	2	3	3
-21.25°	1	1	2	2	2	2	2	2	2	2	3



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	2	2	2	2	2	2	2	3
-23.75°	1	1	1	2	2	2	2	2	2	2	3
-25°	1	1	1	2	2	2	2	2	2	2	3
-26.25°	1	1	1	2	2	2	2	2	2	2	3
-27.5°	1	1	1	2	2	2	2	2	2	2	2
-28.75°	1	1	1	2	2	2	2	2	2	2	2
-30°	1	1	1	2	2	2	2	2	2	2	2
-31.25°	1	1	1	1	2	2	2	2	2	2	2
-32.5°	1	1	1	1	2	2	2	2	2	2	2
-33.75°	1	1	1	1	2	2	2	2	2	2	2
-35°	1	1	1	1	2	2	2	2	2	2	2
-36.25°	1	1	1	1	2	2	2	2	2	2	2
-37.5°	1	1	1	1	1	2	2	2	2	2	2
-38.75°	1	1	1	1	1	2	2	2	2	2	2
-40°	1	1	1	1	1	2	2	2	2	2	2
-41.25°	1	1	1	1	1	1	2	2	2	2	2
-42.5°	1	1	1	1	1	1	2	2	2	2	2
-43.75°	1	1	1	1	1	1	2	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	2	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	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	1	1	1	1	1	1	1	1	1	1	2
-53.75°	1	1	1	1	1	1	1	1	1	1	2
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	1	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	1	1	1	1	1
81.25°	0	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	2
65°	1	1	1	1	1	1	1	1	1	2	2
63.75°	1	1	1	1	1	1	1	2	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	2	2	2	2	2	2	2	2
58.75°	1	1	2	2	2	2	2	2	2	2	2
57.5°	1	1	2	2	2	2	2	2	2	2	2
56.25°	1	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	3
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	2	2	3	3	3
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	2	2	2	3	3	3	3	3
45°	2	2	2	2	2	2	3	3	3	3	3
43.75°	2	2	2	2	2	3	3	3	3	3	3
42.5°	2	2	2	2	3	3	3	3	3	3	3
41.25°	2	2	2	2	3	3	3	3	3	3	3
40°	2	2	2	3	3	3	3	3	3	3	4
38.75°	2	2	2	3	3	3	3	3	3	4	4
37.5°	2	2	3	3	3	3	3	3	3	4	4
36.25°	2	2	3	3	3	3	3	3	4	4	4
35°	2	2	3	3	3	3	3	3	4	4	4



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	3	3	3	3	3	3	4	4	4	4
32.5°	2	3	3	3	3	3	3	4	4	4	4
31.25°	3	3	3	3	3	3	4	4	4	4	4
30°	3	3	3	3	3	3	4	4	4	4	4
28.75°	3	3	3	3	3	4	4	4	4	4	4
27.5°	3	3	3	3	3	4	4	4	4	4	4
26.25°	3	3	3	3	3	4	4	4	4	4	4
25°	3	3	3	3	4	4	4	4	4	4	4
23.75°	3	3	3	3	4	4	4	4	4	4	4
22.5°	3	3	3	3	4	4	4	4	4	4	4
21.25°	3	3	3	3	4	4	4	4	4	4	4
20°	3	3	3	4	4	4	4	4	4	4	4
18.75°	3	3	3	4	4	4	4	4	4	4	4
17.5°	3	3	3	4	4	4	4	4	4	4	5
16.25°	3	3	3	4	4	4	4	4	4	4	5
15°	3	3	3	4	4	4	4	4	4	4	5
13.75°	3	3	3	4	4	4	4	4	4	4	5
12.5°	3	3	4	4	4	4	4	4	4	5	5
11.25°	3	3	4	4	4	4	4	4	4	5	5
10°	3	3	4	4	4	4	4	4	4	5	5
8.75°	3	3	4	4	4	4	4	4	4	5	5
7.5°	3	3	4	4	4	4	4	4	4	5	5
6.25°	3	3	4	4	4	4	4	4	4	5	5
5°	3	3	4	4	4	4	4	4	4	5	5
3.75°	3	3	4	4	4	4	4	4	4	5	5
2.5°	3	3	4	4	4	4	4	4	4	5	5
1.25°	3	3	4	4	4	4	4	4	4	5	5
0°	3	3	4	4	4	4	4	4	5	5	5
-1.25°	3	3	4	4	4	4	4	4	4	5	5
-2.5°	3	3	4	4	4	4	4	4	4	5	5
-3.75°	3	3	4	4	4	4	4	4	4	5	5
-5°	3	3	4	4	4	4	4	4	4	5	5
-6.25°	3	3	4	4	4	4	4	4	4	5	5
-7.5°	3	3	4	4	4	4	4	4	4	5	5
-8.75°	3	3	4	4	4	4	4	4	4	5	5
-10°	3	3	4	4	4	4	4	4	4	5	5
-11.25°	3	3	4	4	4	4	4	4	4	5	5
-12.5°	3	3	4	4	4	4	4	4	4	5	5
-13.75°	3	3	3	4	4	4	4	4	4	4	5
-15°	3	3	3	4	4	4	4	4	4	4	5
-16.25°	3	3	3	4	4	4	4	4	4	4	5
-17.5°	3	3	3	4	4	4	4	4	4	4	5
-18.75°	3	3	3	4	4	4	4	4	4	4	4
-20°	3	3	3	4	4	4	4	4	4	4	4
-21.25°	3	3	3	3	4	4	4	4	4	4	4



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	4	4	4	4	4	4	4
-23.75°	3	3	3	3	4	4	4	4	4	4	4
-25°	3	3	3	3	4	4	4	4	4	4	4
-26.25°	3	3	3	3	3	4	4	4	4	4	4
-27.5°	3	3	3	3	3	4	4	4	4	4	4
-28.75°	3	3	3	3	3	4	4	4	4	4	4
-30°	3	3	3	3	3	3	4	4	4	4	4
-31.25°	3	3	3	3	3	3	4	4	4	4	4
-32.5°	2	3	3	3	3	3	3	4	4	4	4
-33.75°	2	3	3	3	3	3	3	4	4	4	4
-35°	2	2	3	3	3	3	3	3	4	4	4
-36.25°	2	2	3	3	3	3	3	3	4	4	4
-37.5°	2	2	3	3	3	3	3	3	3	4	4
-38.75°	2	2	2	3	3	3	3	3	3	4	4
-40°	2	2	2	3	3	3	3	3	3	3	4
-41.25°	2	2	2	2	3	3	3	3	3	3	3
-42.5°	2	2	2	2	3	3	3	3	3	3	3
-43.75°	2	2	2	2	2	3	3	3	3	3	3
-45°	2	2	2	2	2	2	3	3	3	3	3
-46.25°	2	2	2	2	2	2	3	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	2	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	1	2	2	2	2	2	2	2	2	2	2
-57.5°	1	1	2	2	2	2	2	2	2	2	2
-58.75°	1	1	2	2	2	2	2	2	2	2	2
-60°	1	1	1	2	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	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	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	2
70°	1	1	1	1	1	1	1	2	2	2	2
68.75°	1	1	1	1	2	2	2	2	2	2	2
67.5°	1	1	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	2
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°	2	2	2	2	2	2	2	2	2	3	3
58.75°	2	2	2	2	2	2	2	3	3	3	3
57.5°	2	2	2	2	2	3	3	3	3	3	3
56.25°	2	2	2	2	3	3	3	3	3	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	2	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	4
51.25°	3	3	3	3	3	3	3	3	4	4	4
50°	3	3	3	3	3	3	3	4	4	4	4
48.75°	3	3	3	3	3	4	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	3	4	4	4	4	4	4	4	4
45°	3	3	4	4	4	4	4	4	4	4	4
43.75°	3	4	4	4	4	4	4	4	4	4	4
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	5
38.75°	4	4	4	4	4	4	4	4	4	5	5
37.5°	4	4	4	4	4	4	4	4	5	5	5
36.25°	4	4	4	4	4	4	4	5	5	5	5
35°	4	4	4	4	4	4	5	5	5	5	5



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	5	5	5	5	5	5
32.5°	4	4	4	4	5	5	5	5	5	5	6
31.25°	4	4	4	4	5	5	5	5	5	5	6
30°	4	4	4	5	5	5	5	5	5	6	6
28.75°	4	4	4	5	5	5	5	5	6	6	7
27.5°	4	4	5	5	5	5	5	5	6	7	7
26.25°	4	4	5	5	5	5	5	6	6	7	8
25°	4	5	5	5	5	5	6	6	7	7	8
23.75°	4	5	5	5	5	5	6	7	7	8	9
22.5°	5	5	5	5	5	6	6	7	7	8	11
21.25°	5	5	5	5	5	6	6	7	8	9	12
20°	5	5	5	5	5	6	7	7	8	11	14
18.75°	5	5	5	5	6	6	7	8	9	12	16
17.5°	5	5	5	5	6	7	7	8	10	14	17
16.25°	5	5	5	5	6	7	8	8	12	15	19
15°	5	5	5	6	6	7	8	9	13	17	20
13.75°	5	5	5	6	7	7	8	10	14	18	21
12.5°	5	5	5	6	7	7	8	11	15	19	22
11.25°	5	5	5	6	7	8	8	12	16	20	23
10°	5	5	6	6	7	8	9	13	17	20	24
8.75°	5	5	6	6	7	8	10	14	18	21	25
7.5°	5	5	6	7	7	8	11	15	18	22	26
6.25°	5	5	6	7	7	8	11	15	19	22	26
5°	5	5	6	7	7	8	12	16	19	23	27
3.75°	5	5	6	7	7	8	12	16	20	23	27
2.5°	5	5	6	7	8	8	12	16	20	23	28
1.25°	5	5	6	7	8	8	12	17	20	23	28
0°	5	5	6	7	8	8	12	17	20	23	28
-1.25°	5	5	6	7	8	8	12	17	20	23	28
-2.5°	5	5	6	7	8	8	12	16	20	23	28
-3.75°	5	5	6	7	7	8	12	16	20	23	27
-5°	5	5	6	7	7	8	12	16	19	23	27
-6.25°	5	5	6	7	7	8	11	15	19	22	26
-7.5°	5	5	6	7	7	8	11	15	18	22	26
-8.75°	5	5	6	6	7	8	10	14	18	21	25
-10°	5	5	6	6	7	8	9	13	17	20	24
-11.25°	5	5	5	6	7	8	8	12	16	20	23
-12.5°	5	5	5	6	7	7	8	11	15	19	22
-13.75°	5	5	5	6	7	7	8	10	14	18	21
-15°	5	5	5	6	6	7	8	9	13	17	20
-16.25°	5	5	5	5	6	7	8	8	12	15	19
-17.5°	5	5	5	5	6	7	7	8	10	14	17
-18.75°	5	5	5	5	6	6	7	8	9	12	16
-20°	5	5	5	5	5	6	7	7	8	11	14
-21.25°	5	5	5	5	5	6	6	7	8	9	12



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	5	5	5	5	5	6	6	7	7	8	11
-23.75°	4	5	5	5	5	5	6	7	7	8	9
-25°	4	5	5	5	5	5	6	6	7	7	8
-26.25°	4	4	5	5	5	5	5	6	6	7	8
-27.5°	4	4	5	5	5	5	5	5	6	7	7
-28.75°	4	4	4	5	5	5	5	5	6	6	7
-30°	4	4	4	5	5	5	5	5	5	6	6
-31.25°	4	4	4	4	5	5	5	5	5	5	6
-32.5°	4	4	4	4	5	5	5	5	5	5	6
-33.75°	4	4	4	4	4	5	5	5	5	5	5
-35°	4	4	4	4	4	4	5	5	5	5	5
-36.25°	4	4	4	4	4	4	4	5	5	5	5
-37.5°	4	4	4	4	4	4	4	4	5	5	5
-38.75°	4	4	4	4	4	4	4	4	4	5	5
-40°	4	4	4	4	4	4	4	4	4	4	5
-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°	3	4	4	4	4	4	4	4	4	4	4
-45°	3	3	4	4	4	4	4	4	4	4	4
-46.25°	3	3	3	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-48.75°	3	3	3	3	3	4	4	4	4	4	4
-50°	3	3	3	3	3	3	3	4	4	4	4
-51.25°	3	3	3	3	3	3	3	3	4	4	4
-52.5°	3	3	3	3	3	3	3	3	3	3	4
-53.75°	2	3	3	3	3	3	3	3	3	3	3
-55°	2	2	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	3	3
-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	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	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	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	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	2	2	2	2	2	2	2
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°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	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	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	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	5
47.5°	4	4	4	4	4	4	4	4	5	5	5
46.25°	4	4	4	4	4	4	5	5	5	5	5
45°	4	4	4	4	5	5	5	5	5	5	5
43.75°	4	4	5	5	5	5	5	5	5	5	5
42.5°	4	5	5	5	5	5	5	5	5	5	6
41.25°	5	5	5	5	5	5	5	5	6	6	6
40°	5	5	5	5	5	5	5	6	6	7	7
38.75°	5	5	5	5	5	6	6	6	7	7	7
37.5°	5	5	5	5	6	6	7	7	7	8	8
36.25°	5	5	6	6	6	7	7	8	8	9	11
35°	5	6	6	6	7	7	8	8	10	12	14



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	6	6	7	7	7	8	8	11	13	15	17
32.5°	6	7	7	7	8	9	11	14	16	18	20
31.25°	6	7	7	8	9	12	14	17	19	21	23
30°	7	7	8	9	12	15	17	19	21	23	26
28.75°	7	8	9	12	15	17	19	22	24	27	29
27.5°	8	8	11	14	17	19	22	24	27	30	33
26.25°	8	11	14	17	19	22	24	27	30	35	49
25°	10	13	16	19	21	24	27	30	36	50	64
23.75°	12	15	18	21	23	27	30	35	50	65	89
22.5°	14	17	20	23	26	29	33	49	64	89	141
21.25°	16	19	22	25	28	32	45	61	83	138	191
20°	18	20	23	27	30	40	57	74	128	185	244
18.75°	19	22	25	29	34	51	68	113	172	231	304
17.5°	20	23	27	31	44	62	91	153	213	287	366
16.25°	22	25	29	35	53	72	128	191	261	342	425
15°	23	27	31	44	62	97	162	227	310	396	480
13.75°	24	28	33	52	71	128	195	271	358	447	529
12.5°	26	30	40	59	88	157	225	311	403	492	573
11.25°	27	31	46	66	113	183	260	351	445	533	612
10°	28	32	52	72	136	207	292	387	482	568	643
8.75°	29	37	57	85	157	229	322	420	513	598	671
7.5°	30	41	62	102	174	253	349	448	541	624	690
6.25°	31	45	66	116	190	274	372	472	563	644	706
5°	31	48	69	128	202	291	391	491	581	660	719
3.75°	32	50	71	138	212	304	406	505	596	673	728
2.5°	32	52	73	144	219	314	417	516	606	680	734
1.25°	32	53	74	148	223	320	423	522	612	684	738
0°	32	54	75	150	225	322	426	524	614	686	739
-1.25°	32	53	74	148	223	320	423	522	612	684	738
-2.5°	32	52	73	144	219	314	417	516	606	680	734
-3.75°	32	50	71	138	212	304	406	505	596	673	728
-5°	31	48	69	128	202	291	391	491	581	660	719
-6.25°	31	45	66	116	190	274	372	472	563	644	706
-7.5°	30	41	62	102	174	253	349	448	541	624	690
-8.75°	29	37	57	85	157	229	322	420	513	598	671
-10°	28	32	52	72	136	207	292	387	482	568	643
-11.25°	27	31	46	66	113	183	260	351	445	533	612
-12.5°	26	30	40	59	88	157	225	311	403	492	573
-13.75°	24	28	33	52	71	128	195	271	358	447	529
-15°	23	27	31	44	62	97	162	227	310	396	480
-16.25°	22	25	29	35	53	72	128	191	261	342	425
-17.5°	20	23	27	31	44	62	91	153	213	287	366
-18.75°	19	22	25	29	34	51	68	113	172	231	304
-20°	18	20	23	27	30	40	57	74	128	185	244
-21.25°	16	19	22	25	28	32	45	61	83	138	191



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	14	17	20	23	26	29	33	49	64	89	141
-23.75°	12	15	18	21	23	27	30	35	50	65	89
-25°	10	13	16	19	21	24	27	30	36	50	64
-26.25°	8	11	14	17	19	22	24	27	30	35	49
-27.5°	8	8	11	14	17	19	22	24	27	30	33
-28.75°	7	8	9	12	15	17	19	22	24	27	29
-30°	7	7	8	9	12	15	17	19	21	23	26
-31.25°	6	7	7	8	9	12	14	17	19	21	23
-32.5°	6	7	7	7	8	9	11	14	16	18	20
-33.75°	6	6	7	7	7	8	8	11	13	15	17
-35°	5	6	6	6	7	7	8	8	10	12	14
-36.25°	5	5	6	6	6	7	7	8	8	9	11
-37.5°	5	5	5	5	6	6	7	7	7	8	8
-38.75°	5	5	5	5	5	6	6	6	7	7	7
-40°	5	5	5	5	5	5	5	6	6	7	7
-41.25°	5	5	5	5	5	5	5	5	6	6	6
-42.5°	4	5	5	5	5	5	5	5	5	5	6
-43.75°	4	4	5	5	5	5	5	5	5	5	5
-45°	4	4	4	4	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	5	5	5	5	5
-47.5°	4	4	4	4	4	4	4	4	5	5	5
-48.75°	4	4	4	4	4	4	4	4	4	4	5
-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°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	4	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	2	2	3	3	3	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°	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	2	2	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	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°	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	3	3	3
65°	2	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	3	4	4	4	4
58.75°	3	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	5	5	5	5
50°	4	4	4	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	6	6
45°	5	5	5	5	5	6	6	6	6	6	6
43.75°	5	5	6	6	6	6	7	7	7	7	7
42.5°	6	6	6	7	7	7	7	7	8	8	8
41.25°	6	7	7	7	8	8	8	8	8	9	10
40°	7	7	8	8	8	9	10	11	12	13	14
38.75°	8	8	9	10	12	13	14	15	16	17	18
37.5°	9	11	12	14	15	17	18	19	20	20	21
36.25°	12	14	16	17	19	20	21	22	23	24	25
35°	16	18	19	20	22	23	24	26	27	28	29



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	19	20	22	23	25	27	28	30	31	32	37
32.5°	22	23	25	27	29	31	33	40	46	52	57
31.25°	25	27	29	31	35	44	52	59	66	72	85
30°	28	30	34	44	53	62	71	88	113	136	157
28.75°	32	40	51	62	72	97	128	157	183	207	229
27.5°	45	57	68	91	128	162	195	225	260	292	322
26.25°	61	74	113	153	191	227	271	311	351	387	420
25°	83	128	172	213	261	310	358	403	445	482	513
23.75°	138	185	231	287	342	396	447	492	533	568	598
22.5°	191	244	304	366	425	480	529	573	612	643	671
21.25°	248	313	380	445	504	557	604	644	678	702	723
20°	313	385	455	518	575	625	668	699	726	748	769
18.75°	380	455	522	584	637	682	715	743	769	794	819
17.5°	445	518	584	641	688	724	754	785	815	846	877
16.25°	504	575	637	688	727	760	794	830	867	905	947
15°	557	625	682	724	760	797	838	881	928	978	1029
13.75°	604	668	715	754	794	838	886	940	999	1060	1137
12.5°	644	699	743	785	830	881	940	1006	1081	1171	1284
11.25°	678	726	769	815	867	928	999	1081	1186	1316	1462
10°	702	748	794	846	905	978	1060	1171	1316	1482	1686
8.75°	723	769	819	877	947	1029	1137	1284	1462	1686	1967
7.5°	740	788	843	906	986	1084	1222	1401	1628	1925	2311
6.25°	755	805	865	937	1024	1140	1305	1514	1800	2187	2707
5°	767	821	884	962	1056	1196	1388	1639	1985	2464	3133
3.75°	777	833	899	984	1091	1248	1457	1740	2153	2749	3554
2.5°	785	842	912	1001	1116	1286	1509	1836	2304	2983	3877
1.25°	789	848	920	1011	1132	1309	1550	1897	2396	3127	4097
0°	791	850	923	1014	1137	1317	1564	1917	2427	3176	4175
-1.25°	789	848	920	1011	1132	1309	1550	1897	2396	3127	4097
-2.5°	785	842	912	1001	1116	1286	1509	1836	2304	2983	3877
-3.75°	777	833	899	984	1091	1248	1457	1740	2153	2749	3554
-5°	767	821	884	962	1056	1196	1388	1639	1985	2464	3133
-6.25°	755	805	865	937	1024	1140	1305	1514	1800	2187	2707
-7.5°	740	788	843	906	986	1084	1222	1401	1628	1925	2311
-8.75°	723	769	819	877	947	1029	1137	1284	1462	1686	1967
-10°	702	748	794	846	905	978	1060	1171	1316	1482	1686
-11.25°	678	726	769	815	867	928	999	1081	1186	1316	1462
-12.5°	644	699	743	785	830	881	940	1006	1081	1171	1284
-13.75°	604	668	715	754	794	838	886	940	999	1060	1137
-15°	557	625	682	724	760	797	838	881	928	978	1029
-16.25°	504	575	637	688	727	760	794	830	867	905	947
-17.5°	445	518	584	641	688	724	754	785	815	846	877
-18.75°	380	455	522	584	637	682	715	743	769	794	819
-20°	313	385	455	518	575	625	668	699	726	748	769
-21.25°	248	313	380	445	504	557	604	644	678	702	723



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	191	244	304	366	425	480	529	573	612	643	671
-23.75°	138	185	231	287	342	396	447	492	533	568	598
-25°	83	128	172	213	261	310	358	403	445	482	513
-26.25°	61	74	113	153	191	227	271	311	351	387	420
-27.5°	45	57	68	91	128	162	195	225	260	292	322
-28.75°	32	40	51	62	72	97	128	157	183	207	229
-30°	28	30	34	44	53	62	71	88	113	136	157
-31.25°	25	27	29	31	35	44	52	59	66	72	85
-32.5°	22	23	25	27	29	31	33	40	46	52	57
-33.75°	19	20	22	23	25	27	28	30	31	32	37
-35°	16	18	19	20	22	23	24	26	27	28	29
-36.25°	12	14	16	17	19	20	21	22	23	24	25
-37.5°	9	11	12	14	15	17	18	19	20	20	21
-38.75°	8	8	9	10	12	13	14	15	16	17	18
-40°	7	7	8	8	8	9	10	11	12	13	14
-41.25°	6	7	7	7	8	8	8	8	8	9	10
-42.5°	6	6	6	7	7	7	7	7	8	8	8
-43.75°	5	5	6	6	6	6	7	7	7	7	7
-45°	5	5	5	5	5	6	6	6	6	6	6
-46.25°	5	5	5	5	5	5	5	5	5	6	6
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	4	4	4	5	5	5	5	5	5	5	5
-51.25°	4	4	4	4	4	4	4	5	5	5	5
-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	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	4	4	4	4
-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	3	3	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	3	3	3
-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°	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	2	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°	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°	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	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	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	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	5	4	4	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	6	6	6	6	6	6	6	6	6	6	6
45°	7	7	7	7	7	7	7	7	7	7	7
43.75°	7	7	7	7	8	8	8	8	8	7	7
42.5°	8	8	8	8	8	8	8	8	8	8	8
41.25°	11	11	12	12	12	12	12	12	12	12	12
40°	15	15	16	16	16	17	17	17	16	16	16
38.75°	18	19	19	20	20	20	20	20	20	20	19
37.5°	22	22	23	23	23	23	23	23	23	23	23
36.25°	26	26	27	27	28	28	28	28	28	27	27
35°	30	31	31	32	32	32	32	32	32	32	31



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	41	45	48	50	52	53	54	53	52	50	48
32.5°	62	66	69	71	73	74	75	74	73	71	69
31.25°	102	116	128	138	144	148	150	148	144	138	128
30°	174	190	202	212	219	223	225	223	219	212	202
28.75°	253	274	291	304	314	320	322	320	314	304	291
27.5°	349	372	391	406	417	423	426	423	417	406	391
26.25°	448	472	491	505	516	522	524	522	516	505	491
25°	541	563	581	596	606	612	614	612	606	596	581
23.75°	624	644	660	673	680	684	686	684	680	673	660
22.5°	690	706	719	728	734	738	739	738	734	728	719
21.25°	740	755	767	777	785	789	791	789	785	777	767
20°	788	805	821	833	842	848	850	848	842	833	821
18.75°	843	865	884	899	912	920	923	920	912	899	884
17.5°	906	937	962	984	1001	1011	1014	1011	1001	984	962
16.25°	986	1024	1056	1091	1116	1132	1137	1132	1116	1091	1056
15°	1084	1140	1196	1248	1286	1309	1317	1309	1286	1248	1196
13.75°	1222	1305	1388	1457	1509	1550	1564	1550	1509	1457	1388
12.5°	1401	1514	1639	1740	1836	1897	1917	1897	1836	1740	1639
11.25°	1628	1800	1985	2153	2304	2396	2427	2396	2304	2153	1985
10°	1925	2187	2464	2749	2983	3127	3176	3127	2983	2749	2464
8.75°	2311	2707	3133	3554	3877	4097	4175	4097	3877	3554	3133
7.5°	2801	3369	3949	4504	4929	5199	5292	5199	4929	4504	3949
6.25°	3369	4104	4844	5485	5987	6311	6423	6311	5987	5485	4844
5°	3949	4844	5681	6426	7008	7387	7521	7387	7008	6426	5681
3.75°	4504	5485	6426	7259	7895	8308	8432	8308	7895	7259	6426
2.5°	4929	5987	7008	7895	8564	8983	9113	8983	8564	7895	7008
1.25°	5199	6311	7387	8308	8983	9396	9535	9396	8983	8308	7387
0°	5292	6423	7521	8432	9113	9535	9724	9535	9113	8432	7521
-1.25°	5199	6311	7387	8308	8983	9396	9535	9396	8983	8308	7387
-2.5°	4929	5987	7008	7895	8564	8983	9113	8983	8564	7895	7008
-3.75°	4504	5485	6426	7259	7895	8308	8432	8308	7895	7259	6426
-5°	3949	4844	5681	6426	7008	7387	7521	7387	7008	6426	5681
-6.25°	3369	4104	4844	5485	5987	6311	6423	6311	5987	5485	4844
-7.5°	2801	3369	3949	4504	4929	5199	5292	5199	4929	4504	3949
-8.75°	2311	2707	3133	3554	3877	4097	4175	4097	3877	3554	3133
-10°	1925	2187	2464	2749	2983	3127	3176	3127	2983	2749	2464
-11.25°	1628	1800	1985	2153	2304	2396	2427	2396	2304	2153	1985
-12.5°	1401	1514	1639	1740	1836	1897	1917	1897	1836	1740	1639
-13.75°	1222	1305	1388	1457	1509	1550	1564	1550	1509	1457	1388
-15°	1084	1140	1196	1248	1286	1309	1317	1309	1286	1248	1196
-16.25°	986	1024	1056	1091	1116	1132	1137	1132	1116	1091	1056
-17.5°	906	937	962	984	1001	1011	1014	1011	1001	984	962
-18.75°	843	865	884	899	912	920	923	920	912	899	884
-20°	788	805	821	833	842	848	850	848	842	833	821
-21.25°	740	755	767	777	785	789	791	789	785	777	767



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	690	706	719	728	734	738	739	738	734	728	719
-23.75°	624	644	660	673	680	684	686	684	680	673	660
-25°	541	563	581	596	606	612	614	612	606	596	581
-26.25°	448	472	491	505	516	522	524	522	516	505	491
-27.5°	349	372	391	406	417	423	426	423	417	406	391
-28.75°	253	274	291	304	314	320	322	320	314	304	291
-30°	174	190	202	212	219	223	225	223	219	212	202
-31.25°	102	116	128	138	144	148	150	148	144	138	128
-32.5°	62	66	69	71	73	74	75	74	73	71	69
-33.75°	41	45	48	50	52	53	54	53	52	50	48
-35°	30	31	31	32	32	32	32	32	32	32	31
-36.25°	26	26	27	27	28	28	28	28	28	27	27
-37.5°	22	22	23	23	23	23	23	23	23	23	23
-38.75°	18	19	19	20	20	20	20	20	20	20	19
-40°	15	15	16	16	16	17	17	17	16	16	16
-41.25°	11	11	12	12	12	12	12	12	12	12	12
-42.5°	8	8	8	8	8	8	8	8	8	8	8
-43.75°	7	7	7	7	8	8	8	8	8	7	7
-45°	7	7	7	7	7	7	7	7	7	7	7
-46.25°	6	6	6	6	6	6	6	6	6	6	6
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	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°	4	4	4	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-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°	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	2	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	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°	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°	3	3	3	3	3	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°	4	4	4	4	4	4	3	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°	5	5	5	5	5	5	4	4	4	4	4
50°	5	5	5	5	5	5	5	5	5	5	4
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	6	6	6	6	5	5	5	5	5	5	5
45°	7	7	6	6	6	6	6	6	5	5	5
43.75°	7	7	7	7	7	7	7	6	6	6	6
42.5°	8	8	8	8	8	7	7	7	7	7	6
41.25°	11	11	10	9	8	8	8	8	8	7	7
40°	15	15	14	13	12	11	10	9	8	8	8
38.75°	19	18	18	17	16	15	14	13	12	10	9
37.5°	22	22	21	20	20	19	18	17	15	14	12
36.25°	26	26	25	24	23	22	21	20	19	17	16
35°	31	30	29	28	27	26	24	23	22	20	19



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	45	41	37	32	31	30	28	27	25	23	22
32.5°	66	62	57	52	46	40	33	31	29	27	25
31.25°	116	102	85	72	66	59	52	44	35	31	29
30°	190	174	157	136	113	88	71	62	53	44	34
28.75°	274	253	229	207	183	157	128	97	72	62	51
27.5°	372	349	322	292	260	225	195	162	128	91	68
26.25°	472	448	420	387	351	311	271	227	191	153	113
25°	563	541	513	482	445	403	358	310	261	213	172
23.75°	644	624	598	568	533	492	447	396	342	287	231
22.5°	706	690	671	643	612	573	529	480	425	366	304
21.25°	755	740	723	702	678	644	604	557	504	445	380
20°	805	788	769	748	726	699	668	625	575	518	455
18.75°	865	843	819	794	769	743	715	682	637	584	522
17.5°	937	906	877	846	815	785	754	724	688	641	584
16.25°	1024	986	947	905	867	830	794	760	727	688	637
15°	1140	1084	1029	978	928	881	838	797	760	724	682
13.75°	1305	1222	1137	1060	999	940	886	838	794	754	715
12.5°	1514	1401	1284	1171	1081	1006	940	881	830	785	743
11.25°	1800	1628	1462	1316	1186	1081	999	928	867	815	769
10°	2187	1925	1686	1482	1316	1171	1060	978	905	846	794
8.75°	2707	2311	1967	1686	1462	1284	1137	1029	947	877	819
7.5°	3369	2801	2311	1925	1628	1401	1222	1084	986	906	843
6.25°	4104	3369	2707	2187	1800	1514	1305	1140	1024	937	865
5°	4844	3949	3133	2464	1985	1639	1388	1196	1056	962	884
3.75°	5485	4504	3554	2749	2153	1740	1457	1248	1091	984	899
2.5°	5987	4929	3877	2983	2304	1836	1509	1286	1116	1001	912
1.25°	6311	5199	4097	3127	2396	1897	1550	1309	1132	1011	920
0°	6423	5292	4175	3176	2427	1917	1564	1317	1137	1014	923
-1.25°	6311	5199	4097	3127	2396	1897	1550	1309	1132	1011	920
-2.5°	5987	4929	3877	2983	2304	1836	1509	1286	1116	1001	912
-3.75°	5485	4504	3554	2749	2153	1740	1457	1248	1091	984	899
-5°	4844	3949	3133	2464	1985	1639	1388	1196	1056	962	884
-6.25°	4104	3369	2707	2187	1800	1514	1305	1140	1024	937	865
-7.5°	3369	2801	2311	1925	1628	1401	1222	1084	986	906	843
-8.75°	2707	2311	1967	1686	1462	1284	1137	1029	947	877	819
-10°	2187	1925	1686	1482	1316	1171	1060	978	905	846	794
-11.25°	1800	1628	1462	1316	1186	1081	999	928	867	815	769
-12.5°	1514	1401	1284	1171	1081	1006	940	881	830	785	743
-13.75°	1305	1222	1137	1060	999	940	886	838	794	754	715
-15°	1140	1084	1029	978	928	881	838	797	760	724	682
-16.25°	1024	986	947	905	867	830	794	760	727	688	637
-17.5°	937	906	877	846	815	785	754	724	688	641	584
-18.75°	865	843	819	794	769	743	715	682	637	584	522
-20°	805	788	769	748	726	699	668	625	575	518	455
-21.25°	755	740	723	702	678	644	604	557	504	445	380



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	706	690	671	643	612	573	529	480	425	366	304
-23.75°	644	624	598	568	533	492	447	396	342	287	231
-25°	563	541	513	482	445	403	358	310	261	213	172
-26.25°	472	448	420	387	351	311	271	227	191	153	113
-27.5°	372	349	322	292	260	225	195	162	128	91	68
-28.75°	274	253	229	207	183	157	128	97	72	62	51
-30°	190	174	157	136	113	88	71	62	53	44	34
-31.25°	116	102	85	72	66	59	52	44	35	31	29
-32.5°	66	62	57	52	46	40	33	31	29	27	25
-33.75°	45	41	37	32	31	30	28	27	25	23	22
-35°	31	30	29	28	27	26	24	23	22	20	19
-36.25°	26	26	25	24	23	22	21	20	19	17	16
-37.5°	22	22	21	20	20	19	18	17	15	14	12
-38.75°	19	18	18	17	16	15	14	13	12	10	9
-40°	15	15	14	13	12	11	10	9	8	8	8
-41.25°	11	11	10	9	8	8	8	8	8	7	7
-42.5°	8	8	8	8	8	7	7	7	7	7	6
-43.75°	7	7	7	7	7	7	7	6	6	6	6
-45°	7	7	6	6	6	6	6	6	5	5	5
-46.25°	6	6	6	6	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	4
-51.25°	5	5	5	5	5	5	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°	4	4	4	4	4	4	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	3	3
-66.25°	3	3	3	3	3	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°	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	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	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	2	2	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	3	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
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°	5	5	5	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	4	4	4	4	4	4
46.25°	5	5	5	5	5	5	5	4	4	4	4
45°	5	5	5	5	5	5	5	5	5	4	4
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	5	5	5	5	5	5	5	5
41.25°	7	6	6	6	6	5	5	5	5	5	5
40°	7	7	7	7	6	6	5	5	5	5	5
38.75°	8	8	7	7	7	6	6	6	5	5	5
37.5°	11	9	8	8	7	7	7	6	6	5	5
36.25°	14	12	11	9	8	8	7	7	6	6	6
35°	18	16	14	12	10	8	8	7	7	6	6



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	20	19	17	15	13	11	8	8	7	7	7
32.5°	23	22	20	18	16	14	11	9	8	7	7
31.25°	27	25	23	21	19	17	14	12	9	8	7
30°	30	28	26	23	21	19	17	15	12	9	8
28.75°	40	32	29	27	24	22	19	17	15	12	9
27.5°	57	45	33	30	27	24	22	19	17	14	11
26.25°	74	61	49	35	30	27	24	22	19	17	14
25°	128	83	64	50	36	30	27	24	21	19	16
23.75°	185	138	89	65	50	35	30	27	23	21	18
22.5°	244	191	141	89	64	49	33	29	26	23	20
21.25°	313	248	191	138	83	61	45	32	28	25	22
20°	385	313	244	185	128	74	57	40	30	27	23
18.75°	455	380	304	231	172	113	68	51	34	29	25
17.5°	518	445	366	287	213	153	91	62	44	31	27
16.25°	575	504	425	342	261	191	128	72	53	35	29
15°	625	557	480	396	310	227	162	97	62	44	31
13.75°	668	604	529	447	358	271	195	128	71	52	33
12.5°	699	644	573	492	403	311	225	157	88	59	40
11.25°	726	678	612	533	445	351	260	183	113	66	46
10°	748	702	643	568	482	387	292	207	136	72	52
8.75°	769	723	671	598	513	420	322	229	157	85	57
7.5°	788	740	690	624	541	448	349	253	174	102	62
6.25°	805	755	706	644	563	472	372	274	190	116	66
5°	821	767	719	660	581	491	391	291	202	128	69
3.75°	833	777	728	673	596	505	406	304	212	138	71
2.5°	842	785	734	680	606	516	417	314	219	144	73
1.25°	848	789	738	684	612	522	423	320	223	148	74
0°	850	791	739	686	614	524	426	322	225	150	75
-1.25°	848	789	738	684	612	522	423	320	223	148	74
-2.5°	842	785	734	680	606	516	417	314	219	144	73
-3.75°	833	777	728	673	596	505	406	304	212	138	71
-5°	821	767	719	660	581	491	391	291	202	128	69
-6.25°	805	755	706	644	563	472	372	274	190	116	66
-7.5°	788	740	690	624	541	448	349	253	174	102	62
-8.75°	769	723	671	598	513	420	322	229	157	85	57
-10°	748	702	643	568	482	387	292	207	136	72	52
-11.25°	726	678	612	533	445	351	260	183	113	66	46
-12.5°	699	644	573	492	403	311	225	157	88	59	40
-13.75°	668	604	529	447	358	271	195	128	71	52	33
-15°	625	557	480	396	310	227	162	97	62	44	31
-16.25°	575	504	425	342	261	191	128	72	53	35	29
-17.5°	518	445	366	287	213	153	91	62	44	31	27
-18.75°	455	380	304	231	172	113	68	51	34	29	25
-20°	385	313	244	185	128	74	57	40	30	27	23
-21.25°	313	248	191	138	83	61	45	32	28	25	22



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	244	191	141	89	64	49	33	29	26	23	20
-23.75°	185	138	89	65	50	35	30	27	23	21	18
-25°	128	83	64	50	36	30	27	24	21	19	16
-26.25°	74	61	49	35	30	27	24	22	19	17	14
-27.5°	57	45	33	30	27	24	22	19	17	14	11
-28.75°	40	32	29	27	24	22	19	17	15	12	9
-30°	30	28	26	23	21	19	17	15	12	9	8
-31.25°	27	25	23	21	19	17	14	12	9	8	7
-32.5°	23	22	20	18	16	14	11	9	8	7	7
-33.75°	20	19	17	15	13	11	8	8	7	7	7
-35°	18	16	14	12	10	8	8	7	7	6	6
-36.25°	14	12	11	9	8	8	7	7	6	6	6
-37.5°	11	9	8	8	7	7	7	6	6	5	5
-38.75°	8	8	7	7	7	6	6	6	5	5	5
-40°	7	7	7	7	6	6	5	5	5	5	5
-41.25°	7	6	6	6	6	5	5	5	5	5	5
-42.5°	6	6	6	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	4	4
-46.25°	5	5	5	5	5	5	5	4	4	4	4
-47.5°	5	5	5	5	5	4	4	4	4	4	4
-48.75°	5	5	5	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	3
-56.25°	4	4	4	4	4	4	4	4	3	3	3
-57.5°	4	4	4	4	4	3	3	3	3	3	3
-58.75°	4	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	3	3	3	2
-63.75°	3	3	3	3	3	3	2	2	2	2	2
-65°	3	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	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	2	2	1	1
-73.75°	2	2	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	1	1	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	2	2	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	1	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°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	2	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	3	3	3	3	3	3	3	3	3	3
52.5°	4	4	4	3	3	3	3	3	3	3	3
51.25°	4	4	4	4	4	3	3	3	3	3	3
50°	4	4	4	4	4	4	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	4	3	3	3
47.5°	4	4	4	4	4	4	4	4	4	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	3
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	5	4	4	4	4	4	4	4	4	4	4
41.25°	5	5	4	4	4	4	4	4	4	4	4
40°	5	5	5	4	4	4	4	4	4	4	4
38.75°	5	5	5	5	4	4	4	4	4	4	4
37.5°	5	5	5	5	5	4	4	4	4	4	4
36.25°	5	5	5	5	5	5	4	4	4	4	4
35°	6	5	5	5	5	5	5	4	4	4	4



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	6	5	5	5	5	5	5	4	4	4
32.5°	7	6	6	5	5	5	5	5	5	4	4
31.25°	7	6	6	5	5	5	5	5	5	4	4
30°	7	7	6	6	5	5	5	5	5	5	4
28.75°	8	7	7	6	6	5	5	5	5	5	4
27.5°	8	8	7	7	6	5	5	5	5	5	5
26.25°	11	8	8	7	6	6	5	5	5	5	5
25°	13	10	8	7	7	6	6	5	5	5	5
23.75°	15	12	9	8	7	7	6	5	5	5	5
22.5°	17	14	11	8	7	7	6	6	5	5	5
21.25°	19	16	12	9	8	7	6	6	5	5	5
20°	20	18	14	11	8	7	7	6	5	5	5
18.75°	22	19	16	12	9	8	7	6	6	5	5
17.5°	23	20	17	14	10	8	7	7	6	5	5
16.25°	25	22	19	15	12	8	8	7	6	5	5
15°	27	23	20	17	13	9	8	7	6	6	5
13.75°	28	24	21	18	14	10	8	7	7	6	5
12.5°	30	26	22	19	15	11	8	7	7	6	5
11.25°	31	27	23	20	16	12	8	8	7	6	5
10°	32	28	24	20	17	13	9	8	7	6	6
8.75°	37	29	25	21	18	14	10	8	7	6	6
7.5°	41	30	26	22	18	15	11	8	7	7	6
6.25°	45	31	26	22	19	15	11	8	7	7	6
5°	48	31	27	23	19	16	12	8	7	7	6
3.75°	50	32	27	23	20	16	12	8	7	7	6
2.5°	52	32	28	23	20	16	12	8	8	7	6
1.25°	53	32	28	23	20	17	12	8	8	7	6
0°	54	32	28	23	20	17	12	8	8	7	6
-1.25°	53	32	28	23	20	17	12	8	8	7	6
-2.5°	52	32	28	23	20	16	12	8	8	7	6
-3.75°	50	32	27	23	20	16	12	8	7	7	6
-5°	48	31	27	23	19	16	12	8	7	7	6
-6.25°	45	31	26	22	19	15	11	8	7	7	6
-7.5°	41	30	26	22	18	15	11	8	7	7	6
-8.75°	37	29	25	21	18	14	10	8	7	6	6
-10°	32	28	24	20	17	13	9	8	7	6	6
-11.25°	31	27	23	20	16	12	8	8	7	6	5
-12.5°	30	26	22	19	15	11	8	7	7	6	5
-13.75°	28	24	21	18	14	10	8	7	7	6	5
-15°	27	23	20	17	13	9	8	7	6	6	5
-16.25°	25	22	19	15	12	8	8	7	6	5	5
-17.5°	23	20	17	14	10	8	7	7	6	5	5
-18.75°	22	19	16	12	9	8	7	6	6	5	5
-20°	20	18	14	11	8	7	7	6	5	5	5
-21.25°	19	16	12	9	8	7	6	6	5	5	5



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	17	14	11	8	7	7	6	6	5	5	5
-23.75°	15	12	9	8	7	7	6	5	5	5	5
-25°	13	10	8	7	7	6	6	5	5	5	5
-26.25°	11	8	8	7	6	6	5	5	5	5	5
-27.5°	8	8	7	7	6	5	5	5	5	5	5
-28.75°	8	7	7	6	6	5	5	5	5	5	4
-30°	7	7	6	6	5	5	5	5	5	5	4
-31.25°	7	6	6	5	5	5	5	5	5	4	4
-32.5°	7	6	6	5	5	5	5	5	5	4	4
-33.75°	6	6	5	5	5	5	5	5	4	4	4
-35°	6	5	5	5	5	5	5	4	4	4	4
-36.25°	5	5	5	5	5	5	4	4	4	4	4
-37.5°	5	5	5	5	5	4	4	4	4	4	4
-38.75°	5	5	5	5	4	4	4	4	4	4	4
-40°	5	5	5	4	4	4	4	4	4	4	4
-41.25°	5	5	4	4	4	4	4	4	4	4	4
-42.5°	5	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	3
-47.5°	4	4	4	4	4	4	4	4	4	3	3
-48.75°	4	4	4	4	4	4	4	4	3	3	3
-50°	4	4	4	4	4	4	3	3	3	3	3
-51.25°	4	4	4	4	4	3	3	3	3	3	3
-52.5°	4	4	4	3	3	3	3	3	3	3	3
-53.75°	4	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	2	2
-57.5°	3	3	3	3	3	3	3	3	2	2	2
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	3	3	3	3	2	2	2	2	2	2	2
-61.25°	3	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	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	1	1
-70°	2	2	2	2	2	2	1	1	1	1	1
-71.25°	2	2	2	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	1	1	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	1	1	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	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	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	2	2	2	2	2	2	2	2	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	2	2	2	2	2	2	2	2	2	2
52.5°	3	3	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	2	2	2	2	2	2
47.5°	3	3	3	3	3	3	2	2	2	2	2
46.25°	3	3	3	3	3	3	3	2	2	2	2
45°	3	3	3	3	3	3	3	2	2	2	2
43.75°	4	3	3	3	3	3	3	3	2	2	2
42.5°	4	4	3	3	3	3	3	3	3	2	2
41.25°	4	4	3	3	3	3	3	3	3	2	2
40°	4	4	4	3	3	3	3	3	3	3	2
38.75°	4	4	4	4	3	3	3	3	3	3	2
37.5°	4	4	4	4	3	3	3	3	3	3	3
36.25°	4	4	4	4	4	3	3	3	3	3	3
35°	4	4	4	4	4	3	3	3	3	3	3



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	4	3	3	3	3	3
32.5°	4	4	4	4	4	4	3	3	3	3	3
31.25°	4	4	4	4	4	4	4	3	3	3	3
30°	4	4	4	4	4	4	4	3	3	3	3
28.75°	4	4	4	4	4	4	4	4	3	3	3
27.5°	4	4	4	4	4	4	4	4	3	3	3
26.25°	4	4	4	4	4	4	4	4	3	3	3
25°	5	4	4	4	4	4	4	4	4	3	3
23.75°	5	4	4	4	4	4	4	4	4	3	3
22.5°	5	5	4	4	4	4	4	4	4	3	3
21.25°	5	5	4	4	4	4	4	4	4	3	3
20°	5	5	4	4	4	4	4	4	4	4	3
18.75°	5	5	4	4	4	4	4	4	4	4	3
17.5°	5	5	5	4	4	4	4	4	4	4	3
16.25°	5	5	5	4	4	4	4	4	4	4	3
15°	5	5	5	4	4	4	4	4	4	4	3
13.75°	5	5	5	4	4	4	4	4	4	4	3
12.5°	5	5	5	5	4	4	4	4	4	4	4
11.25°	5	5	5	5	4	4	4	4	4	4	4
10°	5	5	5	5	4	4	4	4	4	4	4
8.75°	5	5	5	5	4	4	4	4	4	4	4
7.5°	5	5	5	5	4	4	4	4	4	4	4
6.25°	5	5	5	5	4	4	4	4	4	4	4
5°	5	5	5	5	4	4	4	4	4	4	4
3.75°	5	5	5	5	4	4	4	4	4	4	4
2.5°	5	5	5	5	4	4	4	4	4	4	4
1.25°	5	5	5	5	4	4	4	4	4	4	4
0°	5	5	5	5	5	4	4	4	4	4	4
-1.25°	5	5	5	5	4	4	4	4	4	4	4
-2.5°	5	5	5	5	4	4	4	4	4	4	4
-3.75°	5	5	5	5	4	4	4	4	4	4	4
-5°	5	5	5	5	4	4	4	4	4	4	4
-6.25°	5	5	5	5	4	4	4	4	4	4	4
-7.5°	5	5	5	5	4	4	4	4	4	4	4
-8.75°	5	5	5	5	4	4	4	4	4	4	4
-10°	5	5	5	5	4	4	4	4	4	4	4
-11.25°	5	5	5	5	4	4	4	4	4	4	4
-12.5°	5	5	5	5	4	4	4	4	4	4	4
-13.75°	5	5	5	4	4	4	4	4	4	4	3
-15°	5	5	5	4	4	4	4	4	4	4	3
-16.25°	5	5	5	4	4	4	4	4	4	4	3
-17.5°	5	5	5	4	4	4	4	4	4	4	3
-18.75°	5	5	4	4	4	4	4	4	4	4	3
-20°	5	5	4	4	4	4	4	4	4	4	3
-21.25°	5	5	4	4	4	4	4	4	4	3	3



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	5	5	4	4	4	4	4	4	4	3	3
-23.75°	5	4	4	4	4	4	4	4	4	3	3
-25°	5	4	4	4	4	4	4	4	4	3	3
-26.25°	4	4	4	4	4	4	4	4	3	3	3
-27.5°	4	4	4	4	4	4	4	4	3	3	3
-28.75°	4	4	4	4	4	4	4	4	3	3	3
-30°	4	4	4	4	4	4	4	3	3	3	3
-31.25°	4	4	4	4	4	4	4	3	3	3	3
-32.5°	4	4	4	4	4	4	3	3	3	3	3
-33.75°	4	4	4	4	4	4	3	3	3	3	3
-35°	4	4	4	4	4	3	3	3	3	3	3
-36.25°	4	4	4	4	4	3	3	3	3	3	3
-37.5°	4	4	4	4	3	3	3	3	3	3	3
-38.75°	4	4	4	4	3	3	3	3	3	3	2
-40°	4	4	4	3	3	3	3	3	3	3	2
-41.25°	4	4	3	3	3	3	3	3	3	2	2
-42.5°	4	4	3	3	3	3	3	3	3	2	2
-43.75°	4	3	3	3	3	3	3	3	2	2	2
-45°	3	3	3	3	3	3	3	2	2	2	2
-46.25°	3	3	3	3	3	3	3	2	2	2	2
-47.5°	3	3	3	3	3	3	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	3	2	2	2	2	2	2	2	2	2
-53.75°	3	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	1
-61.25°	2	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	2	1	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	2	2	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	0	0	0
-83.75°	1	1	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	1	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	0
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	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	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	1	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	2	2	2	2	2	1	1	1	1	1	1
47.5°	2	2	2	2	2	1	1	1	1	1	1
46.25°	2	2	2	2	2	2	1	1	1	1	1
45°	2	2	2	2	2	2	1	1	1	1	1
43.75°	2	2	2	2	2	2	2	1	1	1	1
42.5°	2	2	2	2	2	2	2	1	1	1	1
41.25°	2	2	2	2	2	2	2	1	1	1	1
40°	2	2	2	2	2	2	2	2	1	1	1
38.75°	2	2	2	2	2	2	2	2	1	1	1
37.5°	2	2	2	2	2	2	2	2	1	1	1
36.25°	2	2	2	2	2	2	2	2	2	1	1
35°	2	2	2	2	2	2	2	2	2	1	1



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	3	2	2	2	2	2	2	2	2	1	1
32.5°	3	2	2	2	2	2	2	2	2	1	1
31.25°	3	3	2	2	2	2	2	2	2	1	1
30°	3	3	2	2	2	2	2	2	2	2	1
28.75°	3	3	2	2	2	2	2	2	2	2	1
27.5°	3	3	2	2	2	2	2	2	2	2	1
26.25°	3	3	3	2	2	2	2	2	2	2	1
25°	3	3	3	2	2	2	2	2	2	2	1
23.75°	3	3	3	2	2	2	2	2	2	2	1
22.5°	3	3	3	2	2	2	2	2	2	2	1
21.25°	3	3	3	2	2	2	2	2	2	2	2
20°	3	3	3	3	2	2	2	2	2	2	2
18.75°	3	3	3	3	2	2	2	2	2	2	2
17.5°	3	3	3	3	2	2	2	2	2	2	2
16.25°	3	3	3	3	2	2	2	2	2	2	2
15°	3	3	3	3	2	2	2	2	2	2	2
13.75°	3	3	3	3	2	2	2	2	2	2	2
12.5°	3	3	3	3	2	2	2	2	2	2	2
11.25°	3	3	3	3	3	2	2	2	2	2	2
10°	3	3	3	3	3	2	2	2	2	2	2
8.75°	3	3	3	3	3	2	2	2	2	2	2
7.5°	3	3	3	3	3	2	2	2	2	2	2
6.25°	3	3	3	3	3	2	2	2	2	2	2
5°	3	3	3	3	3	2	2	2	2	2	2
3.75°	3	3	3	3	3	2	2	2	2	2	2
2.5°	3	3	3	3	3	2	2	2	2	2	2
1.25°	3	3	3	3	3	2	2	2	2	2	2
0°	3	3	3	3	3	2	2	2	2	2	2
-1.25°	3	3	3	3	3	2	2	2	2	2	2
-2.5°	3	3	3	3	3	2	2	2	2	2	2
-3.75°	3	3	3	3	3	2	2	2	2	2	2
-5°	3	3	3	3	3	2	2	2	2	2	2
-6.25°	3	3	3	3	3	2	2	2	2	2	2
-7.5°	3	3	3	3	3	2	2	2	2	2	2
-8.75°	3	3	3	3	3	2	2	2	2	2	2
-10°	3	3	3	3	3	2	2	2	2	2	2
-11.25°	3	3	3	3	3	2	2	2	2	2	2
-12.5°	3	3	3	3	2	2	2	2	2	2	2
-13.75°	3	3	3	3	2	2	2	2	2	2	2
-15°	3	3	3	3	2	2	2	2	2	2	2
-16.25°	3	3	3	3	2	2	2	2	2	2	2
-17.5°	3	3	3	3	2	2	2	2	2	2	2
-18.75°	3	3	3	3	2	2	2	2	2	2	2
-20°	3	3	3	3	2	2	2	2	2	2	2
-21.25°	3	3	3	2	2	2	2	2	2	2	2



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	2	2	1
-23.75°	3	3	3	2	2	2	2	2	2	2	1
-25°	3	3	3	2	2	2	2	2	2	2	1
-26.25°	3	3	3	2	2	2	2	2	2	2	1
-27.5°	3	3	2	2	2	2	2	2	2	2	1
-28.75°	3	3	2	2	2	2	2	2	2	2	1
-30°	3	3	2	2	2	2	2	2	2	2	1
-31.25°	3	3	2	2	2	2	2	2	2	1	1
-32.5°	3	2	2	2	2	2	2	2	2	1	1
-33.75°	3	2	2	2	2	2	2	2	2	1	1
-35°	2	2	2	2	2	2	2	2	2	1	1
-36.25°	2	2	2	2	2	2	2	2	2	1	1
-37.5°	2	2	2	2	2	2	2	2	1	1	1
-38.75°	2	2	2	2	2	2	2	2	1	1	1
-40°	2	2	2	2	2	2	2	2	1	1	1
-41.25°	2	2	2	2	2	2	2	1	1	1	1
-42.5°	2	2	2	2	2	2	2	1	1	1	1
-43.75°	2	2	2	2	2	2	2	1	1	1	1
-45°	2	2	2	2	2	2	1	1	1	1	1
-46.25°	2	2	2	2	2	2	1	1	1	1	1
-47.5°	2	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	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-53.75°	2	2	2	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	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	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	1	0	0	0	0	0	0	0	0
68.75°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	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	1	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	1	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	1	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	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	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	1	0	0



REPORT NUMBER: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	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°	2	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	1	1	1	1	1	1	1	1	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	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	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	1	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	1	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	1	0	0	0	0	0	0
-66.25°	1	1	1	1	0	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	1	0	0	0	0	0	0	0	0
-71.25°	1	1	0	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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: P220650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-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)