

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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29478)
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-F-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, FLOOD
OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

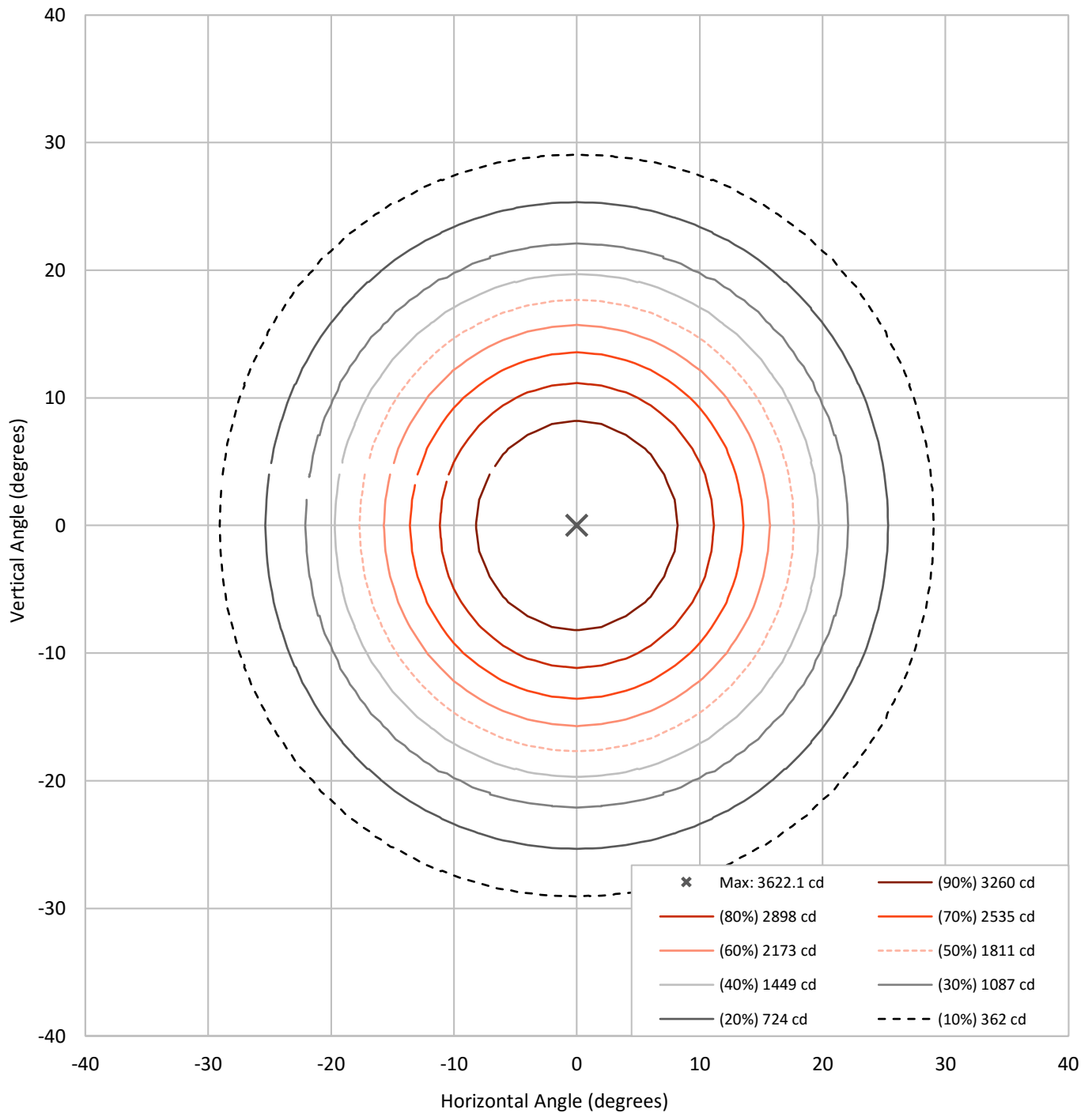
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1347.4 lumens	Max Intensity:	3622.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.4°H x 35.4°V	Field Angle (10%):	58.1°H x 58.1°V
Beam Lumens:	807.1 lumens	Field Lumens:	1264.8 lumens
Beam Efficiency:	59.9%	Field Efficiency:	93.9%
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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





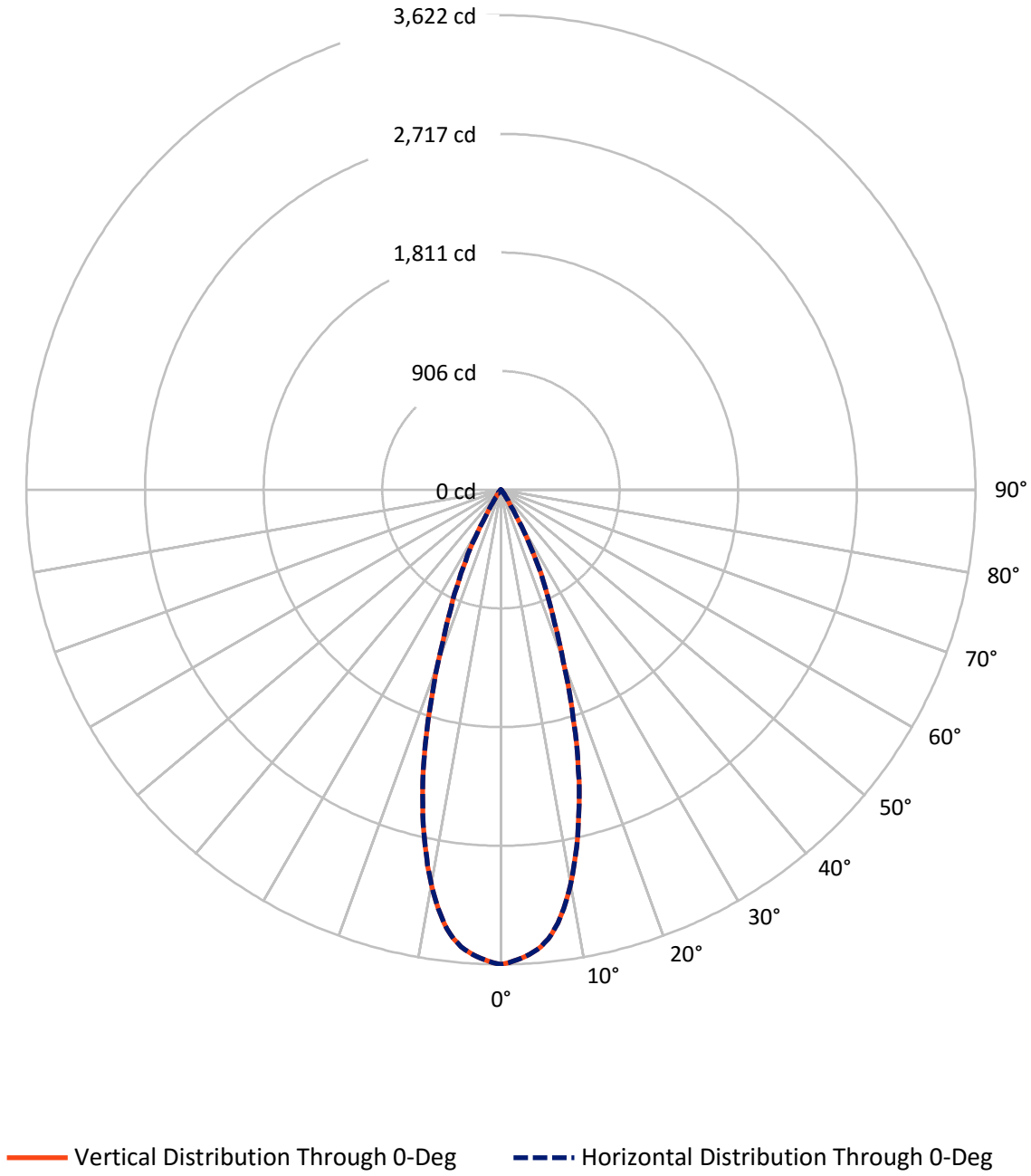
REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0	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	0.0	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	0.0	0.1	0.1	0.4	1.2	2.3	2.3	1.2	0.4	0.1	0.1	0.0	0.0
30	0.0	0.0	0.0	0.1	0.4	2.5	11.6	21.6	21.6	11.6	2.5	0.4	0.1	0.0	0.0
20		0.0	0.1	0.1	1.0	11.0	36.8	63.5	63.5	36.8	11.0	1.0	0.1	0.1	0.0
10	0.0	0.0	0.1	0.2	2.0	19.8	61.7	98.6	98.6	61.7	19.8	2.0	0.2	0.1	0.0
0		0.0	0.1	0.2	2.0	19.8	61.7	98.6	98.6	61.7	19.8	2.0	0.2	0.1	0.0
-10	0.0	0.0	0.1	0.1	1.0	11.0	36.8	63.5	63.5	36.8	11.0	1.0	0.1	0.1	0.0
-20		0.0	0.0	0.1	0.4	2.5	11.6	21.6	21.6	11.6	2.5	0.4	0.1	0.0	0.0
-30	0.0	0.0	0.0	0.1	0.1	0.4	1.2	2.3	2.3	1.2	0.4	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	0.0	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	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.1	0.1	0.1	0.1	0.0	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

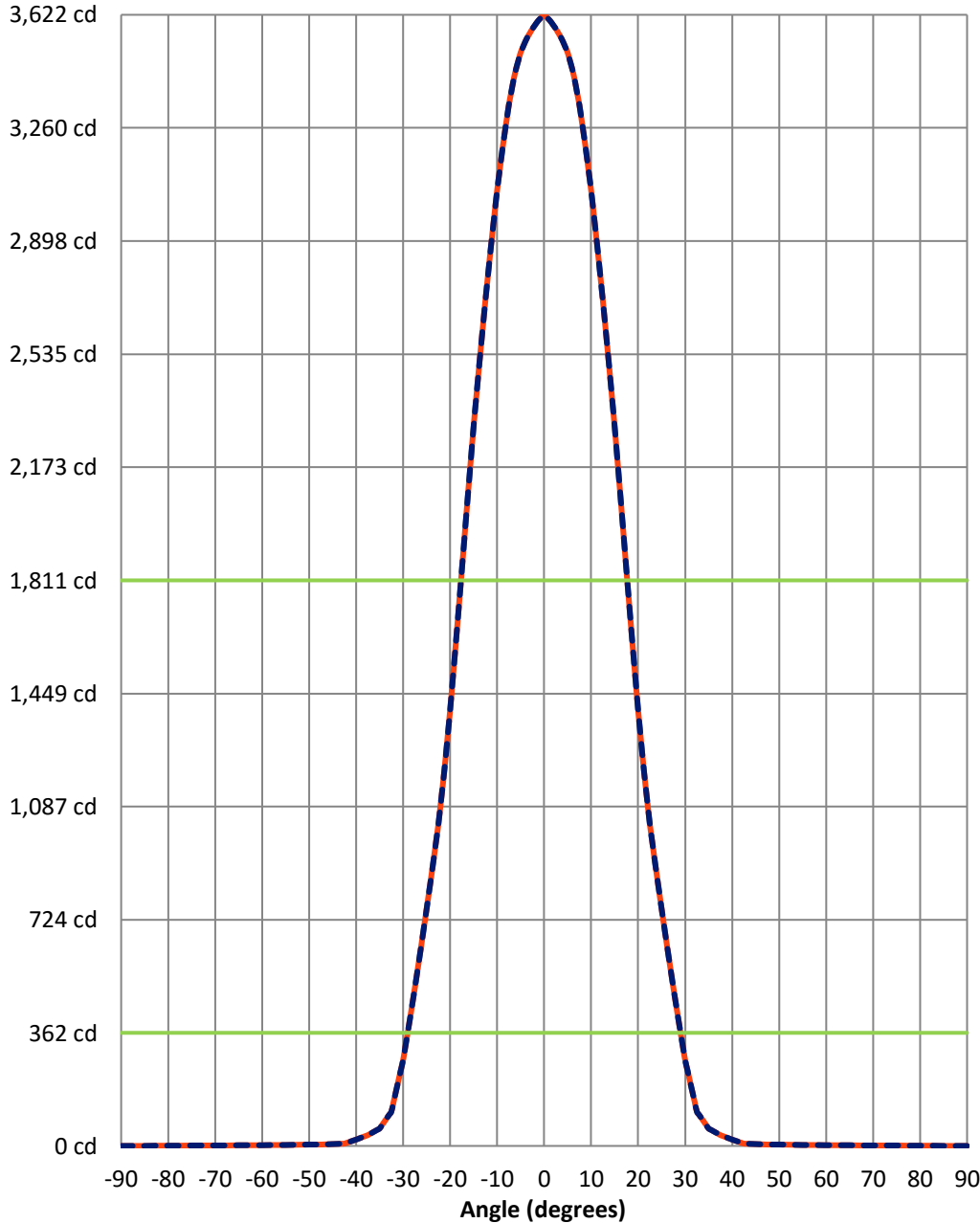
REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 35.4°
 V Angle: 35.4°
 Lumens: 807.1
 Efficiency: 59.9%

Field:
 H Angle: 58.1°
 V Angle: 58.1°
 Lumens: 1264.8
 Efficiency: 93.9%

Spill:
 Lumens: 82.6
 Efficiency: 6.1%

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



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	0	1
53.75°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	0	0	1	1
51.25°	0	0	0	0	0	0	0	0	0	1	1
50°	0	0	0	0	0	0	0	0	0	1	1
48.75°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
46.25°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	0	1	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	0	1	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	0	0	1	1	1	1
32.5°	0	0	0	0	0	0	0	1	1	1	1
31.25°	0	0	0	0	0	0	0	1	1	1	1
30°	0	0	0	0	0	0	0	1	1	1	1
28.75°	0	0	0	0	0	0	1	1	1	1	1
27.5°	0	0	0	0	0	0	1	1	1	1	1
26.25°	0	0	0	0	0	0	1	1	1	1	1
25°	0	0	0	0	0	0	1	1	1	1	1
23.75°	0	0	0	0	0	0	1	1	1	1	1
22.5°	0	0	0	0	0	0	1	1	1	1	1
21.25°	0	0	0	0	0	0	1	1	1	1	1
20°	0	0	0	0	0	0	1	1	1	1	1
18.75°	0	0	0	0	0	0	1	1	1	1	1
17.5°	0	0	0	0	0	0	1	1	1	1	1
16.25°	0	0	0	0	0	0	1	1	1	1	1
15°	0	0	0	0	0	0	1	1	1	1	1
13.75°	0	0	0	0	0	0	1	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	0	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	1	1	1	1	1
-15°	0	0	0	0	0	0	1	1	1	1	1
-16.25°	0	0	0	0	0	0	1	1	1	1	1
-17.5°	0	0	0	0	0	0	1	1	1	1	1
-18.75°	0	0	0	0	0	0	1	1	1	1	1
-20°	0	0	0	0	0	0	1	1	1	1	1
-21.25°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	0	0	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	1	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	1	1	1
-46.25°	0	0	0	0	0	0	0	0	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-48.75°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	0	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	0	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	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	1
73.75°	0	0	0	0	0	0	0	0	0	1	1
72.5°	0	0	0	0	0	0	0	1	1	1	1
71.25°	0	0	0	0	0	0	1	1	1	1	1
70°	0	0	0	0	0	1	1	1	1	1	1
68.75°	0	0	0	0	1	1	1	1	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	0	1	1	1	1	1	1	1	1	1	1
62.5°	0	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	2
-23.75°	1	1	1	2	2	2	2	2	2	2	2
-25°	1	1	1	2	2	2	2	2	2	2	2
-26.25°	1	1	1	2	2	2	2	2	2	2	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-63.75°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	1	1	1	1	1	1	1
-70°	0	0	0	0	0	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	1	1
-75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	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	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	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	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	2	2	2	2	2	2	2	2	2	2	3
35°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	2	2	2	2	2	2	2	3	3
32.5°	2	2	2	2	2	2	2	2	3	3	3
31.25°	2	2	2	2	2	2	2	2	3	3	3
30°	2	2	2	2	2	2	2	3	3	3	3
28.75°	2	2	2	2	2	2	2	3	3	3	3
27.5°	2	2	2	2	2	2	2	3	3	3	3
26.25°	2	2	2	2	2	2	3	3	3	3	3
25°	2	2	2	2	2	2	3	3	3	3	3
23.75°	2	2	2	2	2	2	3	3	3	3	3
22.5°	2	2	2	2	2	3	3	3	3	3	3
21.25°	2	2	2	2	2	3	3	3	3	3	4
20°	2	2	2	2	2	3	3	3	3	3	4
18.75°	2	2	2	2	2	3	3	3	3	3	4
17.5°	2	2	2	2	3	3	3	3	3	4	4
16.25°	2	2	2	2	3	3	3	3	3	4	4
15°	2	2	2	2	3	3	3	3	3	4	4
13.75°	2	2	2	2	3	3	3	3	3	4	4
12.5°	2	2	2	2	3	3	3	3	3	4	4
11.25°	2	2	2	2	3	3	3	3	4	4	4
10°	2	2	2	3	3	3	3	3	4	4	4
8.75°	2	2	2	3	3	3	3	3	4	4	4
7.5°	2	2	2	3	3	3	3	3	4	4	4
6.25°	2	2	2	3	3	3	3	3	4	4	4
5°	2	2	2	3	3	3	3	3	4	4	4
3.75°	2	2	2	3	3	3	3	3	4	4	4
2.5°	2	2	2	3	3	3	3	3	4	4	4
1.25°	2	2	2	3	3	3	3	3	4	4	4
0°	2	2	2	3	3	3	3	3	4	4	5
-1.25°	2	2	2	3	3	3	3	3	4	4	4
-2.5°	2	2	2	3	3	3	3	3	4	4	4
-3.75°	2	2	2	3	3	3	3	3	4	4	4
-5°	2	2	2	3	3	3	3	3	4	4	4
-6.25°	2	2	2	3	3	3	3	3	4	4	4
-7.5°	2	2	2	3	3	3	3	3	4	4	4
-8.75°	2	2	2	3	3	3	3	3	4	4	4
-10°	2	2	2	3	3	3	3	3	4	4	4
-11.25°	2	2	2	2	3	3	3	3	4	4	4
-12.5°	2	2	2	2	3	3	3	3	3	4	4
-13.75°	2	2	2	2	3	3	3	3	3	4	4
-15°	2	2	2	2	3	3	3	3	3	4	4
-16.25°	2	2	2	2	3	3	3	3	3	4	4
-17.5°	2	2	2	2	3	3	3	3	3	4	4
-18.75°	2	2	2	2	2	3	3	3	3	3	4
-20°	2	2	2	2	2	3	3	3	3	3	4
-21.25°	2	2	2	2	2	3	3	3	3	3	4



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	2	2	2	2	2	3	3	3	3	3	3
-23.75°	2	2	2	2	2	2	3	3	3	3	3
-25°	2	2	2	2	2	2	3	3	3	3	3
-26.25°	2	2	2	2	2	2	3	3	3	3	3
-27.5°	2	2	2	2	2	2	2	3	3	3	3
-28.75°	2	2	2	2	2	2	2	3	3	3	3
-30°	2	2	2	2	2	2	2	3	3	3	3
-31.25°	2	2	2	2	2	2	2	2	3	3	3
-32.5°	2	2	2	2	2	2	2	2	3	3	3
-33.75°	2	2	2	2	2	2	2	2	2	3	3
-35°	2	2	2	2	2	2	2	2	2	3	3
-36.25°	2	2	2	2	2	2	2	2	2	2	3
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	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°	0	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	0	0	0	0	0	0	0	1	1	1	1
-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	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	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	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	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	2
50°	2	2	2	2	2	2	2	2	2	2	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	3	3	3	3	3	3	3
43.75°	2	2	2	3	3	3	3	3	3	3	3
42.5°	2	2	2	3	3	3	3	3	3	3	3
41.25°	2	2	3	3	3	3	3	3	3	4	4
40°	2	3	3	3	3	3	3	3	4	4	4
38.75°	3	3	3	3	3	3	3	4	4	4	4
37.5°	3	3	3	3	3	3	4	4	4	4	4
36.25°	3	3	3	3	3	3	4	4	4	4	5
35°	3	3	3	3	3	4	4	4	4	5	5



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	3	3	3	3	4	4	4	4	5	5	5
32.5°	3	3	3	4	4	4	4	5	5	5	5
31.25°	3	3	3	4	4	4	4	5	5	5	5
30°	3	3	4	4	4	4	5	5	5	5	6
28.75°	3	3	4	4	4	5	5	5	5	5	6
27.5°	3	4	4	4	4	5	5	5	5	6	6
26.25°	3	4	4	4	5	5	5	5	6	6	7
25°	4	4	4	4	5	5	5	5	6	7	7
23.75°	4	4	4	5	5	5	5	6	6	7	8
22.5°	4	4	4	5	5	5	5	6	7	7	11
21.25°	4	4	5	5	5	5	6	6	7	8	14
20°	4	4	5	5	5	5	6	7	7	11	17
18.75°	4	4	5	5	5	6	6	7	8	14	19
17.5°	4	5	5	5	5	6	6	7	10	16	22
16.25°	4	5	5	5	5	6	7	7	13	18	25
15°	4	5	5	5	6	6	7	9	15	21	27
13.75°	4	5	5	5	6	6	7	10	17	23	29
12.5°	5	5	5	5	6	7	7	12	18	25	31
11.25°	5	5	5	5	6	7	8	14	20	27	33
10°	5	5	5	5	6	7	9	15	21	28	35
8.75°	5	5	5	6	6	7	10	16	23	30	38
7.5°	5	5	5	6	6	7	11	17	24	31	40
6.25°	5	5	5	6	7	7	12	18	25	32	41
5°	5	5	5	6	7	7	13	19	26	33	43
3.75°	5	5	5	6	7	7	13	20	27	34	44
2.5°	5	5	5	6	7	7	14	20	27	34	45
1.25°	5	5	5	6	7	7	14	20	27	35	45
0°	5	5	5	6	7	8	14	20	28	35	45
-1.25°	5	5	5	6	7	7	14	20	27	35	45
-2.5°	5	5	5	6	7	7	14	20	27	34	45
-3.75°	5	5	5	6	7	7	13	20	27	34	44
-5°	5	5	5	6	7	7	13	19	26	33	43
-6.25°	5	5	5	6	7	7	12	18	25	32	41
-7.5°	5	5	5	6	6	7	11	17	24	31	40
-8.75°	5	5	5	6	6	7	10	16	23	30	38
-10°	5	5	5	5	6	7	9	15	21	28	35
-11.25°	5	5	5	5	6	7	8	14	20	27	33
-12.5°	5	5	5	5	6	7	7	12	18	25	31
-13.75°	4	5	5	5	6	6	7	10	17	23	29
-15°	4	5	5	5	6	6	7	9	15	21	27
-16.25°	4	5	5	5	5	6	7	7	13	18	25
-17.5°	4	5	5	5	5	6	6	7	10	16	22
-18.75°	4	4	5	5	5	6	6	7	8	14	19
-20°	4	4	5	5	5	5	6	7	7	11	17
-21.25°	4	4	5	5	5	5	6	6	7	8	14



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	5	5	5	5	6	7	7	11
-23.75°	4	4	4	5	5	5	5	6	6	7	8
-25°	4	4	4	4	5	5	5	5	6	7	7
-26.25°	3	4	4	4	5	5	5	5	6	6	7
-27.5°	3	4	4	4	4	5	5	5	5	6	6
-28.75°	3	3	4	4	4	5	5	5	5	5	6
-30°	3	3	4	4	4	4	5	5	5	5	6
-31.25°	3	3	3	4	4	4	4	5	5	5	5
-32.5°	3	3	3	4	4	4	4	5	5	5	5
-33.75°	3	3	3	3	4	4	4	4	5	5	5
-35°	3	3	3	3	3	4	4	4	4	5	5
-36.25°	3	3	3	3	3	3	4	4	4	4	5
-37.5°	3	3	3	3	3	3	4	4	4	4	4
-38.75°	3	3	3	3	3	3	3	4	4	4	4
-40°	2	3	3	3	3	3	3	3	4	4	4
-41.25°	2	2	3	3	3	3	3	3	3	4	4
-42.5°	2	2	2	3	3	3	3	3	3	3	3
-43.75°	2	2	2	3	3	3	3	3	3	3	3
-45°	2	2	2	2	3	3	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	2	3
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	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	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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	0	0	0	0	0	0	1	1	1	1	1
-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	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°	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	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	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	3
55°	2	2	2	2	2	2	2	3	3	3	3
53.75°	2	2	2	2	3	3	3	3	3	3	3
52.5°	2	2	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	4	4	4
47.5°	3	3	3	3	3	3	4	4	4	4	4
46.25°	3	3	3	3	4	4	4	4	4	4	4
45°	3	3	4	4	4	4	4	4	4	5	5
43.75°	3	4	4	4	4	4	4	5	5	5	5
42.5°	4	4	4	4	4	5	5	5	5	5	5
41.25°	4	4	4	4	5	5	5	5	5	5	5
40°	4	4	5	5	5	5	5	5	5	6	6
38.75°	4	5	5	5	5	5	5	6	6	6	7
37.5°	5	5	5	5	5	5	6	6	7	7	7
36.25°	5	5	5	5	6	6	6	7	7	8	11
35°	5	5	5	6	6	7	7	7	10	13	16



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	5	6	6	7	7	8	11	15	18	21
32.5°	5	6	6	7	7	8	12	16	20	23	27
31.25°	6	6	7	7	9	13	17	21	25	29	33
30°	6	7	7	9	13	17	21	26	30	34	40
28.75°	7	7	8	13	17	22	26	31	36	42	48
27.5°	7	8	12	17	21	26	31	36	43	50	57
26.25°	7	11	16	21	26	31	36	44	51	60	77
25°	10	15	20	25	30	36	43	51	61	79	96
23.75°	13	18	23	29	34	42	50	60	79	97	126
22.5°	16	21	27	33	40	48	57	77	96	126	183
21.25°	19	25	31	37	46	54	72	93	119	179	238
20°	22	28	34	43	51	66	88	109	169	231	297
18.75°	25	31	39	48	58	80	102	152	217	283	367
17.5°	28	35	44	53	71	93	128	196	263	347	437
16.25°	31	39	48	59	83	106	169	238	317	410	506
15°	34	43	52	70	94	135	206	278	373	472	573
13.75°	37	46	56	81	105	169	242	328	428	532	637
12.5°	40	50	65	90	125	200	275	375	480	589	699
11.25°	43	53	73	99	153	229	316	420	529	642	756
10°	45	56	81	107	178	256	353	461	575	691	810
8.75°	48	62	88	121	200	280	387	500	616	736	858
7.5°	50	67	94	140	220	308	418	533	652	776	901
6.25°	52	72	99	156	237	332	444	562	684	810	937
5°	53	76	103	169	251	352	466	587	711	839	967
3.75°	54	79	106	179	261	367	484	606	732	862	994
2.5°	55	81	108	187	269	378	496	619	747	878	1014
1.25°	56	83	110	191	274	385	504	628	756	888	1026
0°	56	83	110	193	275	388	507	631	759	891	1030
-1.25°	56	83	110	191	274	385	504	628	756	888	1026
-2.5°	55	81	108	187	269	378	496	619	747	878	1014
-3.75°	54	79	106	179	261	367	484	606	732	862	994
-5°	53	76	103	169	251	352	466	587	711	839	967
-6.25°	52	72	99	156	237	332	444	562	684	810	937
-7.5°	50	67	94	140	220	308	418	533	652	776	901
-8.75°	48	62	88	121	200	280	387	500	616	736	858
-10°	45	56	81	107	178	256	353	461	575	691	810
-11.25°	43	53	73	99	153	229	316	420	529	642	756
-12.5°	40	50	65	90	125	200	275	375	480	589	699
-13.75°	37	46	56	81	105	169	242	328	428	532	637
-15°	34	43	52	70	94	135	206	278	373	472	573
-16.25°	31	39	48	59	83	106	169	238	317	410	506
-17.5°	28	35	44	53	71	93	128	196	263	347	437
-18.75°	25	31	39	48	58	80	102	152	217	283	367
-20°	22	28	34	43	51	66	88	109	169	231	297
-21.25°	19	25	31	37	46	54	72	93	119	179	238



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	16	21	27	33	40	48	57	77	96	126	183
-23.75°	13	18	23	29	34	42	50	60	79	97	126
-25°	10	15	20	25	30	36	43	51	61	79	96
-26.25°	7	11	16	21	26	31	36	44	51	60	77
-27.5°	7	8	12	17	21	26	31	36	43	50	57
-28.75°	7	7	8	13	17	22	26	31	36	42	48
-30°	6	7	7	9	13	17	21	26	30	34	40
-31.25°	6	6	7	7	9	13	17	21	25	29	33
-32.5°	5	6	6	7	7	8	12	16	20	23	27
-33.75°	5	5	6	6	7	7	8	11	15	18	21
-35°	5	5	5	6	6	7	7	7	10	13	16
-36.25°	5	5	5	5	6	6	6	7	7	8	11
-37.5°	5	5	5	5	5	5	6	6	7	7	7
-38.75°	4	5	5	5	5	5	5	6	6	6	7
-40°	4	4	5	5	5	5	5	5	5	6	6
-41.25°	4	4	4	4	5	5	5	5	5	5	5
-42.5°	4	4	4	4	4	5	5	5	5	5	5
-43.75°	3	4	4	4	4	4	4	5	5	5	5
-45°	3	3	4	4	4	4	4	4	4	5	5
-46.25°	3	3	3	3	4	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	3	4	4	4
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	2	2	3	3	3	3	3	3	3	3	3
-53.75°	2	2	2	2	3	3	3	3	3	3	3
-55°	2	2	2	2	2	2	2	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	2	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	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°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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	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	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	2	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	4	4	4
51.25°	3	3	3	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	5	5	5	5
47.5°	4	4	4	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	6
43.75°	5	5	5	5	5	6	6	6	6	6	6
42.5°	5	5	6	6	6	6	6	7	7	7	7
41.25°	6	6	6	6	7	7	7	7	8	9	10
40°	6	7	7	7	7	9	10	12	14	15	16
38.75°	7	7	8	10	13	15	17	18	20	21	23
37.5°	8	11	14	16	18	21	23	25	27	28	30
36.25°	14	17	19	22	25	27	29	31	33	35	38
35°	19	22	25	28	31	34	37	40	43	45	48



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	25	28	31	35	39	43	46	50	53	56	62
32.5°	31	34	39	44	48	52	56	65	73	81	88
31.25°	37	43	48	53	59	70	81	90	99	107	121
30°	46	51	58	71	83	94	105	125	153	178	200
28.75°	54	66	80	93	106	135	169	200	229	256	280
27.5°	72	88	102	128	169	206	242	275	316	353	387
26.25°	93	109	152	196	238	278	328	375	420	461	500
25°	119	169	217	263	317	373	428	480	529	575	616
23.75°	179	231	283	347	410	472	532	589	642	691	736
22.5°	238	297	367	437	506	573	637	699	756	810	858
21.25°	302	377	453	529	603	675	745	811	873	929	981
20°	377	459	541	622	701	779	853	922	990	1058	1125
18.75°	453	541	628	714	799	881	959	1041	1124	1210	1294
17.5°	529	622	714	806	895	982	1075	1177	1281	1383	1482
16.25°	603	701	799	895	991	1094	1210	1331	1452	1569	1679
15°	675	779	881	982	1094	1221	1357	1495	1630	1758	1880
13.75°	745	853	959	1075	1210	1357	1509	1661	1808	1950	2078
12.5°	811	922	1041	1177	1331	1495	1661	1825	1985	2133	2266
11.25°	873	990	1124	1281	1452	1630	1808	1985	2151	2303	2435
10°	929	1058	1210	1383	1569	1758	1950	2133	2303	2453	2590
8.75°	981	1125	1294	1482	1679	1880	2078	2266	2435	2590	2729
7.5°	1033	1190	1372	1572	1778	1989	2192	2380	2552	2710	2853
6.25°	1077	1247	1443	1652	1868	2084	2291	2478	2654	2814	2961
5°	1118	1300	1504	1719	1943	2162	2369	2559	2737	2902	3051
3.75°	1153	1341	1552	1773	2002	2224	2431	2625	2803	2970	3118
2.5°	1178	1371	1587	1813	2044	2269	2475	2670	2851	3019	3168
1.25°	1193	1390	1609	1837	2070	2296	2502	2697	2880	3050	3197
0°	1198	1396	1616	1845	2079	2305	2511	2707	2890	3060	3206
-1.25°	1193	1390	1609	1837	2070	2296	2502	2697	2880	3050	3197
-2.5°	1178	1371	1587	1813	2044	2269	2475	2670	2851	3019	3168
-3.75°	1153	1341	1552	1773	2002	2224	2431	2625	2803	2970	3118
-5°	1118	1300	1504	1719	1943	2162	2369	2559	2737	2902	3051
-6.25°	1077	1247	1443	1652	1868	2084	2291	2478	2654	2814	2961
-7.5°	1033	1190	1372	1572	1778	1989	2192	2380	2552	2710	2853
-8.75°	981	1125	1294	1482	1679	1880	2078	2266	2435	2590	2729
-10°	929	1058	1210	1383	1569	1758	1950	2133	2303	2453	2590
-11.25°	873	990	1124	1281	1452	1630	1808	1985	2151	2303	2435
-12.5°	811	922	1041	1177	1331	1495	1661	1825	1985	2133	2266
-13.75°	745	853	959	1075	1210	1357	1509	1661	1808	1950	2078
-15°	675	779	881	982	1094	1221	1357	1495	1630	1758	1880
-16.25°	603	701	799	895	991	1094	1210	1331	1452	1569	1679
-17.5°	529	622	714	806	895	982	1075	1177	1281	1383	1482
-18.75°	453	541	628	714	799	881	959	1041	1124	1210	1294
-20°	377	459	541	622	701	779	853	922	990	1058	1125
-21.25°	302	377	453	529	603	675	745	811	873	929	981



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	238	297	367	437	506	573	637	699	756	810	858
-23.75°	179	231	283	347	410	472	532	589	642	691	736
-25°	119	169	217	263	317	373	428	480	529	575	616
-26.25°	93	109	152	196	238	278	328	375	420	461	500
-27.5°	72	88	102	128	169	206	242	275	316	353	387
-28.75°	54	66	80	93	106	135	169	200	229	256	280
-30°	46	51	58	71	83	94	105	125	153	178	200
-31.25°	37	43	48	53	59	70	81	90	99	107	121
-32.5°	31	34	39	44	48	52	56	65	73	81	88
-33.75°	25	28	31	35	39	43	46	50	53	56	62
-35°	19	22	25	28	31	34	37	40	43	45	48
-36.25°	14	17	19	22	25	27	29	31	33	35	38
-37.5°	8	11	14	16	18	21	23	25	27	28	30
-38.75°	7	7	8	10	13	15	17	18	20	21	23
-40°	6	7	7	7	7	9	10	12	14	15	16
-41.25°	6	6	6	6	7	7	7	7	8	9	10
-42.5°	5	5	6	6	6	6	6	7	7	7	7
-43.75°	5	5	5	5	5	6	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	5	5	6
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	4	4	4	5	5	5	5	5	5	5	5
-48.75°	4	4	4	4	4	4	4	5	5	5	5
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	3	3	3	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	4	4	4
-53.75°	3	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	3	3
-57.5°	2	2	2	3	3	3	3	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°	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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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	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°	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	2	2
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	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	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	5	4	4	4	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°	5	5	5	5	5	5	5	5	5	5	5
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	6	7	7	7	7	7	7	7	7	7	7
42.5°	7	7	7	7	7	7	8	7	7	7	7
41.25°	11	12	13	13	14	14	14	14	14	13	13
40°	17	18	19	20	20	20	20	20	20	20	19
38.75°	24	25	26	27	27	27	28	27	27	27	26
37.5°	31	32	33	34	34	35	35	35	34	34	33
36.25°	40	41	43	44	45	45	45	45	45	44	43
35°	50	52	53	54	55	56	56	56	55	54	53



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	67	72	76	79	81	83	83	83	81	79	76
32.5°	94	99	103	106	108	110	110	110	108	106	103
31.25°	140	156	169	179	187	191	193	191	187	179	169
30°	220	237	251	261	269	274	275	274	269	261	251
28.75°	308	332	352	367	378	385	388	385	378	367	352
27.5°	418	444	466	484	496	504	507	504	496	484	466
26.25°	533	562	587	606	619	628	631	628	619	606	587
25°	652	684	711	732	747	756	759	756	747	732	711
23.75°	776	810	839	862	878	888	891	888	878	862	839
22.5°	901	937	967	994	1014	1026	1030	1026	1014	994	967
21.25°	1033	1077	1118	1153	1178	1193	1198	1193	1178	1153	1118
20°	1190	1247	1300	1341	1371	1390	1396	1390	1371	1341	1300
18.75°	1372	1443	1504	1552	1587	1609	1616	1609	1587	1552	1504
17.5°	1572	1652	1719	1773	1813	1837	1845	1837	1813	1773	1719
16.25°	1778	1868	1943	2002	2044	2070	2079	2070	2044	2002	1943
15°	1989	2084	2162	2224	2269	2296	2305	2296	2269	2224	2162
13.75°	2192	2291	2369	2431	2475	2502	2511	2502	2475	2431	2369
12.5°	2380	2478	2559	2625	2670	2697	2707	2697	2670	2625	2559
11.25°	2552	2654	2737	2803	2851	2880	2890	2880	2851	2803	2737
10°	2710	2814	2902	2970	3019	3050	3060	3050	3019	2970	2902
8.75°	2853	2961	3051	3118	3168	3197	3206	3197	3168	3118	3051
7.5°	2981	3090	3178	3246	3297	3324	3334	3324	3297	3246	3178
6.25°	3090	3198	3288	3354	3399	3425	3434	3425	3399	3354	3288
5°	3178	3288	3374	3434	3472	3494	3501	3494	3472	3434	3374
3.75°	3246	3354	3434	3486	3520	3540	3545	3540	3520	3486	3434
2.5°	3297	3399	3472	3520	3551	3571	3577	3571	3551	3520	3472
1.25°	3324	3425	3494	3540	3571	3593	3604	3593	3571	3540	3494
0°	3334	3434	3501	3545	3577	3604	3622	3604	3577	3545	3501
-1.25°	3324	3425	3494	3540	3571	3593	3604	3593	3571	3540	3494
-2.5°	3297	3399	3472	3520	3551	3571	3577	3571	3551	3520	3472
-3.75°	3246	3354	3434	3486	3520	3540	3545	3540	3520	3486	3434
-5°	3178	3288	3374	3434	3472	3494	3501	3494	3472	3434	3374
-6.25°	3090	3198	3288	3354	3399	3425	3434	3425	3399	3354	3288
-7.5°	2981	3090	3178	3246	3297	3324	3334	3324	3297	3246	3178
-8.75°	2853	2961	3051	3118	3168	3197	3206	3197	3168	3118	3051
-10°	2710	2814	2902	2970	3019	3050	3060	3050	3019	2970	2902
-11.25°	2552	2654	2737	2803	2851	2880	2890	2880	2851	2803	2737
-12.5°	2380	2478	2559	2625	2670	2697	2707	2697	2670	2625	2559
-13.75°	2192	2291	2369	2431	2475	2502	2511	2502	2475	2431	2369
-15°	1989	2084	2162	2224	2269	2296	2305	2296	2269	2224	2162
-16.25°	1778	1868	1943	2002	2044	2070	2079	2070	2044	2002	1943
-17.5°	1572	1652	1719	1773	1813	1837	1845	1837	1813	1773	1719
-18.75°	1372	1443	1504	1552	1587	1609	1616	1609	1587	1552	1504
-20°	1190	1247	1300	1341	1371	1390	1396	1390	1371	1341	1300
-21.25°	1033	1077	1118	1153	1178	1193	1198	1193	1178	1153	1118



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	901	937	967	994	1014	1026	1030	1026	1014	994	967
-23.75°	776	810	839	862	878	888	891	888	878	862	839
-25°	652	684	711	732	747	756	759	756	747	732	711
-26.25°	533	562	587	606	619	628	631	628	619	606	587
-27.5°	418	444	466	484	496	504	507	504	496	484	466
-28.75°	308	332	352	367	378	385	388	385	378	367	352
-30°	220	237	251	261	269	274	275	274	269	261	251
-31.25°	140	156	169	179	187	191	193	191	187	179	169
-32.5°	94	99	103	106	108	110	110	110	108	106	103
-33.75°	67	72	76	79	81	83	83	83	81	79	76
-35°	50	52	53	54	55	56	56	56	55	54	53
-36.25°	40	41	43	44	45	45	45	45	45	44	43
-37.5°	31	32	33	34	34	35	35	35	34	34	33
-38.75°	24	25	26	27	27	27	28	27	27	27	26
-40°	17	18	19	20	20	20	20	20	20	20	19
-41.25°	11	12	13	13	14	14	14	14	14	13	13
-42.5°	7	7	7	7	7	7	8	7	7	7	7
-43.75°	6	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	5	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°	4	4	4	4	4	4	5	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	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	3	3
-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°	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°	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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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	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	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	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	2
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	3
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	5	5	5	5	5	5	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	5	5	5	4
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	6	6	6	5	5	5	5	5	5	5	5
43.75°	7	6	6	6	6	6	6	6	5	5	5
42.5°	7	7	7	7	7	7	6	6	6	6	6
41.25°	12	11	10	9	8	7	7	7	7	6	6
40°	18	17	16	15	14	12	10	9	7	7	7
38.75°	25	24	23	21	20	18	17	15	13	10	8
37.5°	32	31	30	28	27	25	23	21	18	16	14
36.25°	41	40	38	35	33	31	29	27	25	22	19
35°	52	50	48	45	43	40	37	34	31	28	25



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	72	67	62	56	53	50	46	43	39	35	31
32.5°	99	94	88	81	73	65	56	52	48	44	39
31.25°	156	140	121	107	99	90	81	70	59	53	48
30°	237	220	200	178	153	125	105	94	83	71	58
28.75°	332	308	280	256	229	200	169	135	106	93	80
27.5°	444	418	387	353	316	275	242	206	169	128	102
26.25°	562	533	500	461	420	375	328	278	238	196	152
25°	684	652	616	575	529	480	428	373	317	263	217
23.75°	810	776	736	691	642	589	532	472	410	347	283
22.5°	937	901	858	810	756	699	637	573	506	437	367
21.25°	1077	1033	981	929	873	811	745	675	603	529	453
20°	1247	1190	1125	1058	990	922	853	779	701	622	541
18.75°	1443	1372	1294	1210	1124	1041	959	881	799	714	628
17.5°	1652	1572	1482	1383	1281	1177	1075	982	895	806	714
16.25°	1868	1778	1679	1569	1452	1331	1210	1094	991	895	799
15°	2084	1989	1880	1758	1630	1495	1357	1221	1094	982	881
13.75°	2291	2192	2078	1950	1808	1661	1509	1357	1210	1075	959
12.5°	2478	2380	2266	2133	1985	1825	1661	1495	1331	1177	1041
11.25°	2654	2552	2435	2303	2151	1985	1808	1630	1452	1281	1124
10°	2814	2710	2590	2453	2303	2133	1950	1758	1569	1383	1210
8.75°	2961	2853	2729	2590	2435	2266	2078	1880	1679	1482	1294
7.5°	3090	2981	2853	2710	2552	2380	2192	1989	1778	1572	1372
6.25°	3198	3090	2961	2814	2654	2478	2291	2084	1868	1652	1443
5°	3288	3178	3051	2902	2737	2559	2369	2162	1943	1719	1504
3.75°	3354	3246	3118	2970	2803	2625	2431	2224	2002	1773	1552
2.5°	3399	3297	3168	3019	2851	2670	2475	2269	2044	1813	1587
1.25°	3425	3324	3197	3050	2880	2697	2502	2296	2070	1837	1609
0°	3434	3334	3206	3060	2890	2707	2511	2305	2079	1845	1616
-1.25°	3425	3324	3197	3050	2880	2697	2502	2296	2070	1837	1609
-2.5°	3399	3297	3168	3019	2851	2670	2475	2269	2044	1813	1587
-3.75°	3354	3246	3118	2970	2803	2625	2431	2224	2002	1773	1552
-5°	3288	3178	3051	2902	2737	2559	2369	2162	1943	1719	1504
-6.25°	3198	3090	2961	2814	2654	2478	2291	2084	1868	1652	1443
-7.5°	3090	2981	2853	2710	2552	2380	2192	1989	1778	1572	1372
-8.75°	2961	2853	2729	2590	2435	2266	2078	1880	1679	1482	1294
-10°	2814	2710	2590	2453	2303	2133	1950	1758	1569	1383	1210
-11.25°	2654	2552	2435	2303	2151	1985	1808	1630	1452	1281	1124
-12.5°	2478	2380	2266	2133	1985	1825	1661	1495	1331	1177	1041
-13.75°	2291	2192	2078	1950	1808	1661	1509	1357	1210	1075	959
-15°	2084	1989	1880	1758	1630	1495	1357	1221	1094	982	881
-16.25°	1868	1778	1679	1569	1452	1331	1210	1094	991	895	799
-17.5°	1652	1572	1482	1383	1281	1177	1075	982	895	806	714
-18.75°	1443	1372	1294	1210	1124	1041	959	881	799	714	628
-20°	1247	1190	1125	1058	990	922	853	779	701	622	541
-21.25°	1077	1033	981	929	873	811	745	675	603	529	453



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	937	901	858	810	756	699	637	573	506	437	367
-23.75°	810	776	736	691	642	589	532	472	410	347	283
-25°	684	652	616	575	529	480	428	373	317	263	217
-26.25°	562	533	500	461	420	375	328	278	238	196	152
-27.5°	444	418	387	353	316	275	242	206	169	128	102
-28.75°	332	308	280	256	229	200	169	135	106	93	80
-30°	237	220	200	178	153	125	105	94	83	71	58
-31.25°	156	140	121	107	99	90	81	70	59	53	48
-32.5°	99	94	88	81	73	65	56	52	48	44	39
-33.75°	72	67	62	56	53	50	46	43	39	35	31
-35°	52	50	48	45	43	40	37	34	31	28	25
-36.25°	41	40	38	35	33	31	29	27	25	22	19
-37.5°	32	31	30	28	27	25	23	21	18	16	14
-38.75°	25	24	23	21	20	18	17	15	13	10	8
-40°	18	17	16	15	14	12	10	9	7	7	7
-41.25°	12	11	10	9	8	7	7	7	7	6	6
-42.5°	7	7	7	7	7	7	6	6	6	6	6
-43.75°	7	6	6	6	6	6	6	6	5	5	5
-45°	6	6	6	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	4
-48.75°	5	5	5	5	5	5	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	3
-52.5°	4	4	4	4	4	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	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-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°	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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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	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°	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°	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	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	2	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	4	4	3	3	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	4	3	3	3	3
46.25°	5	5	4	4	4	4	4	4	4	3	3
45°	5	5	5	5	4	4	4	4	4	4	4
43.75°	5	5	5	5	5	5	4	4	4	4	4
42.5°	5	5	5	5	5	5	5	5	4	4	4
41.25°	6	6	5	5	5	5	5	5	5	4	4
40°	7	6	6	6	5	5	5	5	5	5	5
38.75°	7	7	7	6	6	6	5	5	5	5	5
37.5°	11	8	7	7	7	6	6	5	5	5	5
36.25°	17	14	11	8	7	7	6	6	6	5	5
35°	22	19	16	13	10	7	7	7	6	6	5



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	28	25	21	18	15	11	8	7	7	6	6
32.5°	34	31	27	23	20	16	12	8	7	7	6
31.25°	43	37	33	29	25	21	17	13	9	7	7
30°	51	46	40	34	30	26	21	17	13	9	7
28.75°	66	54	48	42	36	31	26	22	17	13	8
27.5°	88	72	57	50	43	36	31	26	21	17	12
26.25°	109	93	77	60	51	44	36	31	26	21	16
25°	169	119	96	79	61	51	43	36	30	25	20
23.75°	231	179	126	97	79	60	50	42	34	29	23
22.5°	297	238	183	126	96	77	57	48	40	33	27
21.25°	377	302	238	179	119	93	72	54	46	37	31
20°	459	377	297	231	169	109	88	66	51	43	34
18.75°	541	453	367	283	217	152	102	80	58	48	39
17.5°	622	529	437	347	263	196	128	93	71	53	44
16.25°	701	603	506	410	317	238	169	106	83	59	48
15°	779	675	573	472	373	278	206	135	94	70	52
13.75°	853	745	637	532	428	328	242	169	105	81	56
12.5°	922	811	699	589	480	375	275	200	125	90	65
11.25°	990	873	756	642	529	420	316	229	153	99	73
10°	1058	929	810	691	575	461	353	256	178	107	81
8.75°	1125	981	858	736	616	500	387	280	200	121	88
7.5°	1190	1033	901	776	652	533	418	308	220	140	94
6.25°	1247	1077	937	810	684	562	444	332	237	156	99
5°	1300	1118	967	839	711	587	466	352	251	169	103
3.75°	1341	1153	994	862	732	606	484	367	261	179	106
2.5°	1371	1178	1014	878	747	619	496	378	269	187	108
1.25°	1390	1193	1026	888	756	628	504	385	274	191	110
0°	1396	1198	1030	891	759	631	507	388	275	193	110
-1.25°	1390	1193	1026	888	756	628	504	385	274	191	110
-2.5°	1371	1178	1014	878	747	619	496	378	269	187	108
-3.75°	1341	1153	994	862	732	606	484	367	261	179	106
-5°	1300	1118	967	839	711	587	466	352	251	169	103
-6.25°	1247	1077	937	810	684	562	444	332	237	156	99
-7.5°	1190	1033	901	776	652	533	418	308	220	140	94
-8.75°	1125	981	858	736	616	500	387	280	200	121	88
-10°	1058	929	810	691	575	461	353	256	178	107	81
-11.25°	990	873	756	642	529	420	316	229	153	99	73
-12.5°	922	811	699	589	480	375	275	200	125	90	65
-13.75°	853	745	637	532	428	328	242	169	105	81	56
-15°	779	675	573	472	373	278	206	135	94	70	52
-16.25°	701	603	506	410	317	238	169	106	83	59	48
-17.5°	622	529	437	347	263	196	128	93	71	53	44
-18.75°	541	453	367	283	217	152	102	80	58	48	39
-20°	459	377	297	231	169	109	88	66	51	43	34
-21.25°	377	302	238	179	119	93	72	54	46	37	31



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	297	238	183	126	96	77	57	48	40	33	27
-23.75°	231	179	126	97	79	60	50	42	34	29	23
-25°	169	119	96	79	61	51	43	36	30	25	20
-26.25°	109	93	77	60	51	44	36	31	26	21	16
-27.5°	88	72	57	50	43	36	31	26	21	17	12
-28.75°	66	54	48	42	36	31	26	22	17	13	8
-30°	51	46	40	34	30	26	21	17	13	9	7
-31.25°	43	37	33	29	25	21	17	13	9	7	7
-32.5°	34	31	27	23	20	16	12	8	7	7	6
-33.75°	28	25	21	18	15	11	8	7	7	6	6
-35°	22	19	16	13	10	7	7	7	6	6	5
-36.25°	17	14	11	8	7	7	6	6	6	5	5
-37.5°	11	8	7	7	7	6	6	5	5	5	5
-38.75°	7	7	7	6	6	6	5	5	5	5	5
-40°	7	6	6	6	5	5	5	5	5	5	5
-41.25°	6	6	5	5	5	5	5	5	5	4	4
-42.5°	5	5	5	5	5	5	5	5	4	4	4
-43.75°	5	5	5	5	5	5	4	4	4	4	4
-45°	5	5	5	5	4	4	4	4	4	4	4
-46.25°	5	5	4	4	4	4	4	4	4	3	3
-47.5°	4	4	4	4	4	4	4	3	3	3	3
-48.75°	4	4	4	4	4	3	3	3	3	3	3
-50°	4	4	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	2	2
-55°	3	3	3	3	3	3	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	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°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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	1	1	1	1	1	1	0	0	0	0
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°	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	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
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	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	3	3	2	2
43.75°	4	3	3	3	3	3	3	3	3	3	2
42.5°	4	4	3	3	3	3	3	3	3	3	2
41.25°	4	4	4	4	3	3	3	3	3	3	3
40°	4	4	4	4	4	3	3	3	3	3	3
38.75°	5	4	4	4	4	4	3	3	3	3	3
37.5°	5	5	4	4	4	4	4	3	3	3	3
36.25°	5	5	5	4	4	4	4	3	3	3	3
35°	5	5	5	5	4	4	4	4	3	3	3



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	5	5	5	5	5	4	4	4	4	3	3
32.5°	6	5	5	5	5	5	4	4	4	4	3
31.25°	6	6	5	5	5	5	4	4	4	4	3
30°	7	6	6	5	5	5	5	4	4	4	4
28.75°	7	7	6	5	5	5	5	5	4	4	4
27.5°	8	7	6	6	5	5	5	5	4	4	4
26.25°	11	7	7	6	6	5	5	5	5	4	4
25°	15	10	7	7	6	5	5	5	5	4	4
23.75°	18	13	8	7	6	6	5	5	5	5	4
22.5°	21	16	11	7	7	6	5	5	5	5	4
21.25°	25	19	14	8	7	6	6	5	5	5	5
20°	28	22	17	11	7	7	6	5	5	5	5
18.75°	31	25	19	14	8	7	6	6	5	5	5
17.5°	35	28	22	16	10	7	6	6	5	5	5
16.25°	39	31	25	18	13	7	7	6	5	5	5
15°	43	34	27	21	15	9	7	6	6	5	5
13.75°	46	37	29	23	17	10	7	6	6	5	5
12.5°	50	40	31	25	18	12	7	7	6	5	5
11.25°	53	43	33	27	20	14	8	7	6	5	5
10°	56	45	35	28	21	15	9	7	6	5	5
8.75°	62	48	38	30	23	16	10	7	6	6	5
7.5°	67	50	40	31	24	17	11	7	6	6	5
6.25°	72	52	41	32	25	18	12	7	7	6	5
5°	76	53	43	33	26	19	13	7	7	6	5
3.75°	79	54	44	34	27	20	13	7	7	6	5
2.5°	81	55	45	34	27	20	14	7	7	6	5
1.25°	83	56	45	35	27	20	14	7	7	6	5
0°	83	56	45	35	28	20	14	8	7	6	5
-1.25°	83	56	45	35	27	20	14	7	7	6	5
-2.5°	81	55	45	34	27	20	14	7	7	6	5
-3.75°	79	54	44	34	27	20	13	7	7	6	5
-5°	76	53	43	33	26	19	13	7	7	6	5
-6.25°	72	52	41	32	25	18	12	7	7	6	5
-7.5°	67	50	40	31	24	17	11	7	6	6	5
-8.75°	62	48	38	30	23	16	10	7	6	6	5
-10°	56	45	35	28	21	15	9	7	6	5	5
-11.25°	53	43	33	27	20	14	8	7	6	5	5
-12.5°	50	40	31	25	18	12	7	7	6	5	5
-13.75°	46	37	29	23	17	10	7	6	6	5	5
-15°	43	34	27	21	15	9	7	6	6	5	5
-16.25°	39	31	25	18	13	7	7	6	5	5	5
-17.5°	35	28	22	16	10	7	6	6	5	5	5
-18.75°	31	25	19	14	8	7	6	6	5	5	5
-20°	28	22	17	11	7	7	6	5	5	5	5
-21.25°	25	19	14	8	7	6	6	5	5	5	5



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	21	16	11	7	7	6	5	5	5	5	4
-23.75°	18	13	8	7	6	6	5	5	5	5	4
-25°	15	10	7	7	6	5	5	5	5	4	4
-26.25°	11	7	7	6	6	5	5	5	5	4	4
-27.5°	8	7	6	6	5	5	5	5	4	4	4
-28.75°	7	7	6	5	5	5	5	5	4	4	4
-30°	7	6	6	5	5	5	5	4	4	4	4
-31.25°	6	6	5	5	5	5	4	4	4	4	3
-32.5°	6	5	5	5	5	5	4	4	4	4	3
-33.75°	5	5	5	5	5	4	4	4	4	3	3
-35°	5	5	5	5	4	4	4	4	3	3	3
-36.25°	5	5	5	4	4	4	4	3	3	3	3
-37.5°	5	5	4	4	4	4	4	3	3	3	3
-38.75°	5	4	4	4	4	4	3	3	3	3	3
-40°	4	4	4	4	4	3	3	3	3	3	3
-41.25°	4	4	4	4	3	3	3	3	3	3	3
-42.5°	4	4	3	3	3	3	3	3	3	3	2
-43.75°	4	3	3	3	3	3	3	3	3	3	2
-45°	3	3	3	3	3	3	3	3	3	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	2	2	2	2	2	2	2	2
-51.25°	3	3	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	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	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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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	0	0	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	1	0	0
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°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	3	2	2	2	2	2	2	2	2	2	2
38.75°	3	3	2	2	2	2	2	2	2	2	2
37.5°	3	3	2	2	2	2	2	2	2	2	2
36.25°	3	3	3	2	2	2	2	2	2	2	2
35°	3	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	3	3	3	3	2	2	2	2	2	2	2
32.5°	3	3	3	3	3	2	2	2	2	2	2
31.25°	3	3	3	3	3	2	2	2	2	2	2
30°	3	3	3	3	3	3	2	2	2	2	2
28.75°	3	3	3	3	3	3	2	2	2	2	2
27.5°	4	3	3	3	3	3	2	2	2	2	2
26.25°	4	3	3	3	3	3	3	2	2	2	2
25°	4	4	3	3	3	3	3	2	2	2	2
23.75°	4	4	3	3	3	3	3	2	2	2	2
22.5°	4	4	3	3	3	3	3	3	2	2	2
21.25°	4	4	4	3	3	3	3	3	2	2	2
20°	4	4	4	3	3	3	3	3	2	2	2
18.75°	4	4	4	3	3	3	3	3	2	2	2
17.5°	5	4	4	4	3	3	3	3	3	2	2
16.25°	5	4	4	4	3	3	3	3	3	2	2
15°	5	4	4	4	3	3	3	3	3	2	2
13.75°	5	4	4	4	3	3	3	3	3	2	2
12.5°	5	5	4	4	3	3	3	3	3	2	2
11.25°	5	5	4	4	4	3	3	3	3	2	2
10°	5	5	4	4	4	3	3	3	3	3	2
8.75°	5	5	4	4	4	3	3	3	3	3	2
7.5°	5	5	4	4	4	3	3	3	3	3	2
6.25°	5	5	4	4	4	3	3	3	3	3	2
5°	5	5	4	4	4	3	3	3	3	3	2
3.75°	5	5	4	4	4	3	3	3	3	3	2
2.5°	5	5	4	4	4	3	3	3	3	3	2
1.25°	5	5	4	4	4	3	3	3	3	3	2
0°	5	5	5	4	4	3	3	3	3	3	2
-1.25°	5	5	4	4	4	3	3	3	3	3	2
-2.5°	5	5	4	4	4	3	3	3	3	3	2
-3.75°	5	5	4	4	4	3	3	3	3	3	2
-5°	5	5	4	4	4	3	3	3	3	3	2
-6.25°	5	5	4	4	4	3	3	3	3	3	2
-7.5°	5	5	4	4	4	3	3	3	3	3	2
-8.75°	5	5	4	4	4	3	3	3	3	3	2
-10°	5	5	4	4	4	3	3	3	3	3	2
-11.25°	5	5	4	4	4	3	3	3	3	2	2
-12.5°	5	5	4	4	3	3	3	3	3	2	2
-13.75°	5	4	4	4	3	3	3	3	3	2	2
-15°	5	4	4	4	3	3	3	3	3	2	2
-16.25°	5	4	4	4	3	3	3	3	3	2	2
-17.5°	5	4	4	4	3	3	3	3	3	2	2
-18.75°	4	4	4	3	3	3	3	3	2	2	2
-20°	4	4	4	3	3	3	3	3	2	2	2
-21.25°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	3	3	3	3	3	3	2	2	2
-23.75°	4	4	3	3	3	3	3	2	2	2	2
-25°	4	4	3	3	3	3	3	2	2	2	2
-26.25°	4	3	3	3	3	3	3	2	2	2	2
-27.5°	4	3	3	3	3	3	2	2	2	2	2
-28.75°	3	3	3	3	3	3	2	2	2	2	2
-30°	3	3	3	3	3	3	2	2	2	2	2
-31.25°	3	3	3	3	3	2	2	2	2	2	2
-32.5°	3	3	3	3	3	2	2	2	2	2	2
-33.75°	3	3	3	3	2	2	2	2	2	2	2
-35°	3	3	3	3	2	2	2	2	2	2	2
-36.25°	3	3	3	2	2	2	2	2	2	2	2
-37.5°	3	3	2	2	2	2	2	2	2	2	2
-38.75°	3	3	2	2	2	2	2	2	2	2	2
-40°	3	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	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°	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	0	0



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	0	0	0	0	0
-80°	1	1	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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°	1	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	0	0	0	0	0	0	0	0
73.75°	1	1	1	1	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	0	0	0	0
70°	1	1	1	1	1	1	1	1	0	0	0
68.75°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	0
66.25°	1	1	1	1	1	1	1	1	1	1	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	2	2	2	2	2	2	2	2	2	2	1
-23.75°	2	2	2	2	2	2	2	2	2	2	1
-25°	2	2	2	2	2	2	2	2	2	2	1
-26.25°	2	2	2	2	2	2	2	2	2	2	1
-27.5°	2	2	2	2	2	2	2	2	2	2	1
-28.75°	2	2	2	2	2	2	2	2	2	2	1
-30°	2	2	2	2	2	2	2	2	2	2	1
-31.25°	2	2	2	2	2	2	2	2	2	1	1
-32.5°	2	2	2	2	2	2	2	2	2	1	1
-33.75°	2	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	0
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	1	1	1	1	0	0
-70°	1	1	1	1	1	1	1	1	0	0	0
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	1	1	1	1	1	1	0	0	0	0	0
-73.75°	1	1	1	1	0	0	0	0	0	0	0
-75°	1	1	1	0	0	0	0	0	0	0	0
-76.25°	1	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
61.25°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	0	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	0	0	0	0	0	0	0	0
53.75°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	0	0	0	0	0	0	0
51.25°	1	1	1	1	0	0	0	0	0	0	0
50°	1	1	1	1	0	0	0	0	0	0	0
48.75°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	0	0	0	0	0	0
46.25°	1	1	1	1	1	0	0	0	0	0	0
45°	1	1	1	1	1	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	0	0	0	0	0	0
41.25°	1	1	1	1	1	1	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	0	0	0	0	0
32.5°	1	1	1	1	1	1	0	0	0	0	0
31.25°	1	1	1	1	1	1	0	0	0	0	0
30°	1	1	1	1	1	1	0	0	0	0	0
28.75°	1	1	1	1	1	1	1	0	0	0	0
27.5°	1	1	1	1	1	1	1	0	0	0	0
26.25°	1	1	1	1	1	1	1	0	0	0	0
25°	1	1	1	1	1	1	1	0	0	0	0
23.75°	1	1	1	1	1	1	1	0	0	0	0
22.5°	1	1	1	1	1	1	1	0	0	0	0
21.25°	1	1	1	1	1	1	1	0	0	0	0
20°	1	1	1	1	1	1	1	0	0	0	0
18.75°	1	1	1	1	1	1	1	0	0	0	0
17.5°	1	1	1	1	1	1	1	0	0	0	0
16.25°	1	1	1	1	1	1	1	0	0	0	0
15°	1	1	1	1	1	1	1	0	0	0	0
13.75°	1	1	1	1	1	1	1	0	0	0	0
12.5°	1	1	1	1	1	1	1	0	0	0	0
11.25°	1	1	1	1	1	1	1	0	0	0	0
10°	1	1	1	1	1	1	1	0	0	0	0
8.75°	1	1	1	1	1	1	1	0	0	0	0
7.5°	1	1	1	1	1	1	1	0	0	0	0
6.25°	1	1	1	1	1	1	1	0	0	0	0
5°	1	1	1	1	1	1	1	0	0	0	0
3.75°	1	1	1	1	1	1	1	0	0	0	0
2.5°	1	1	1	1	1	1	1	0	0	0	0
1.25°	1	1	1	1	1	1	1	0	0	0	0
0°	2	1	1	1	1	1	1	0	0	0	0
-1.25°	1	1	1	1	1	1	1	0	0	0	0
-2.5°	1	1	1	1	1	1	1	0	0	0	0
-3.75°	1	1	1	1	1	1	1	0	0	0	0
-5°	1	1	1	1	1	1	1	0	0	0	0
-6.25°	1	1	1	1	1	1	1	0	0	0	0
-7.5°	1	1	1	1	1	1	1	0	0	0	0
-8.75°	1	1	1	1	1	1	1	0	0	0	0
-10°	1	1	1	1	1	1	1	0	0	0	0
-11.25°	1	1	1	1	1	1	1	0	0	0	0
-12.5°	1	1	1	1	1	1	1	0	0	0	0
-13.75°	1	1	1	1	1	1	1	0	0	0	0
-15°	1	1	1	1	1	1	1	0	0	0	0
-16.25°	1	1	1	1	1	1	1	0	0	0	0
-17.5°	1	1	1	1	1	1	1	0	0	0	0
-18.75°	1	1	1	1	1	1	1	0	0	0	0
-20°	1	1	1	1	1	1	1	0	0	0	0
-21.25°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	1	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	0	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	0	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	0	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	0	0	0	0	0	0	0	0	0	0
-63.75°	1	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-F-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: P220684 (CONVERTED FROM TYPE C PHOTOMETRY)

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