

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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220641 (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-L1-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

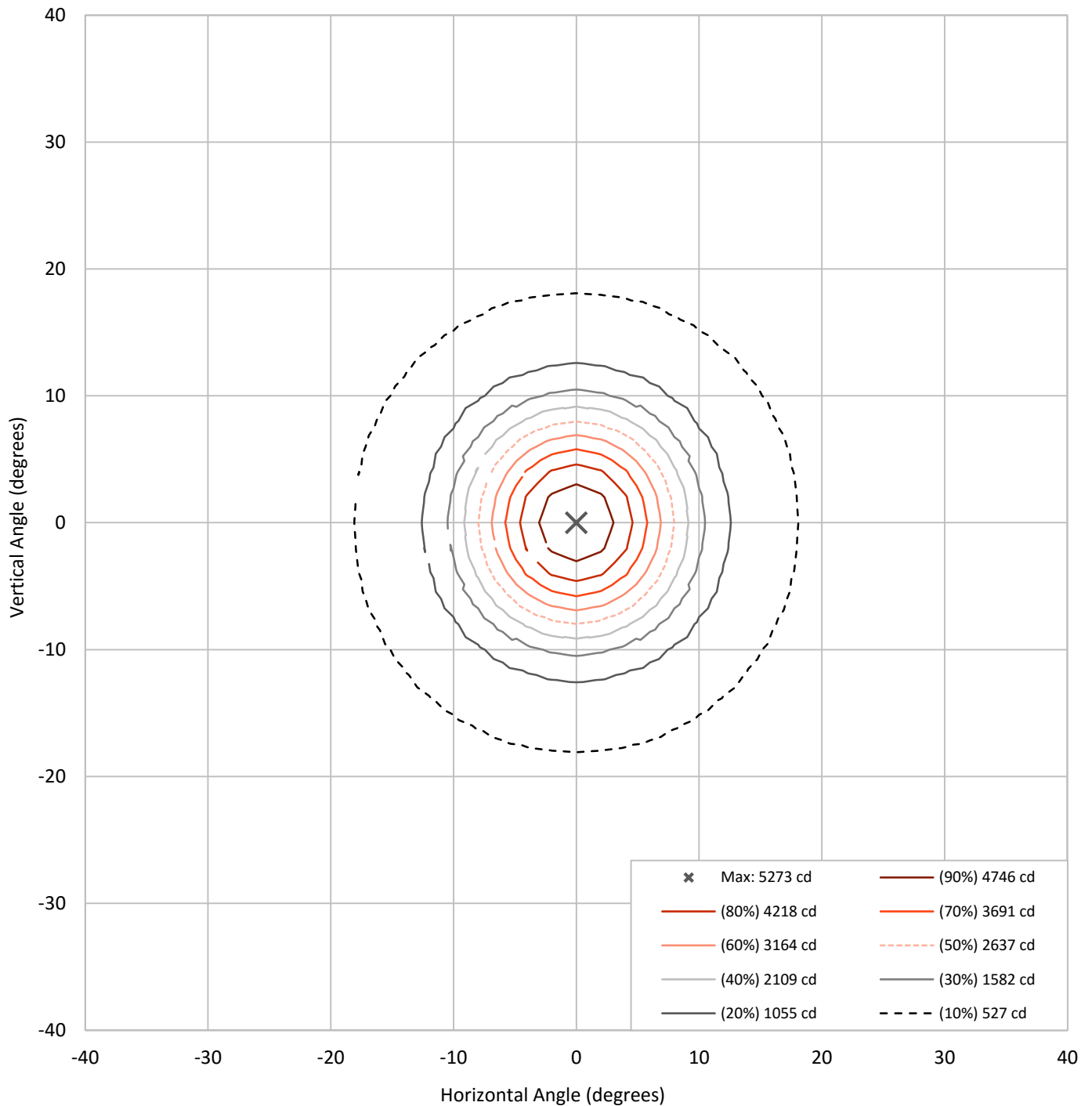
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	694.4 lumens	Max Intensity:	5273 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	70.9 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:	226.7 lumens	Field Lumens:	488.9 lumens
Beam Efficiency:	32.7%	Field Efficiency:	70.4%
Input Watts (W):	9.8		
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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

Iso-Candela Plot





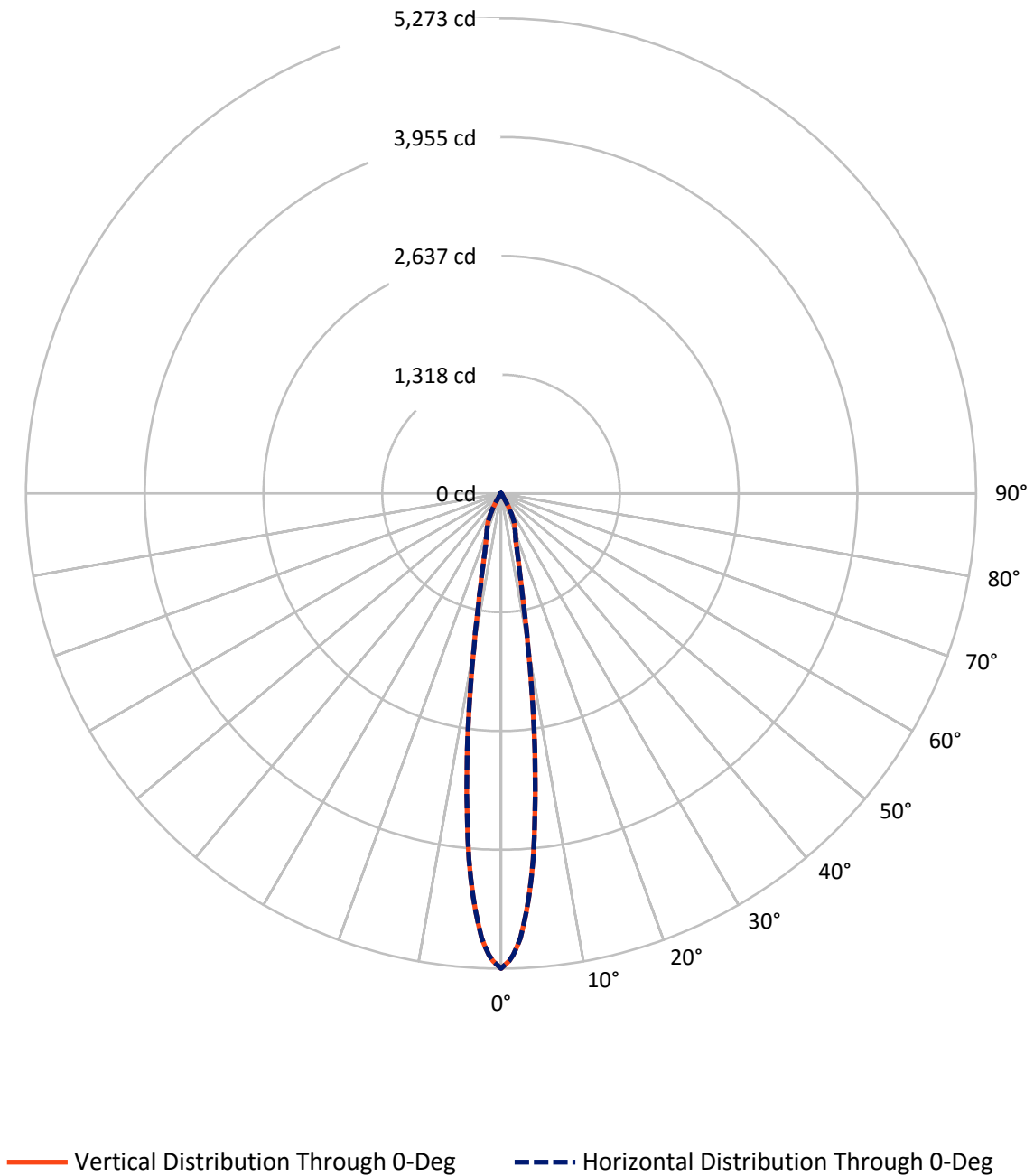
REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
40		0.0	0.0	0.0	0.1	0.2	0.4	0.9	0.9	0.4	0.2	0.1	0.0	0.0	0.0		
30	0.0	0.0	0.0	0.1	0.2	1.0	5.1	8.9	8.9	5.1	1.0	0.2	0.1	0.0	0.0	0.0	
20		0.0	0.0	0.1	0.4	4.8	12.9	21.8	21.8	12.9	4.8	0.4	0.1	0.0	0.0		
10	0.0	0.0	0.0	0.1	0.8	8.2	21.2	85.4	85.4	21.2	8.2	0.8	0.1	0.0	0.0	0.0	
0		0.0	0.0	0.1	0.8	8.2	21.2	85.4	85.4	21.2	8.2	0.8	0.1	0.0	0.0		
-10	0.0	0.0	0.0	0.1	0.8	8.2	21.2	85.4	85.4	21.2	8.2	0.8	0.1	0.0	0.0	0.0	
-20		0.0	0.0	0.1	0.4	4.8	12.9	21.8	21.8	12.9	4.8	0.4	0.1	0.0	0.0		
-30	0.0	0.0	0.0	0.1	0.2	1.0	5.1	8.9	8.9	5.1	1.0	0.2	0.1	0.0	0.0	0.0	
-40		0.0	0.0	0.0	0.1	0.2	0.4	0.9	0.9	0.4	0.2	0.1	0.0	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	0.0	0.0	0.0	0.0	0.0	
-60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

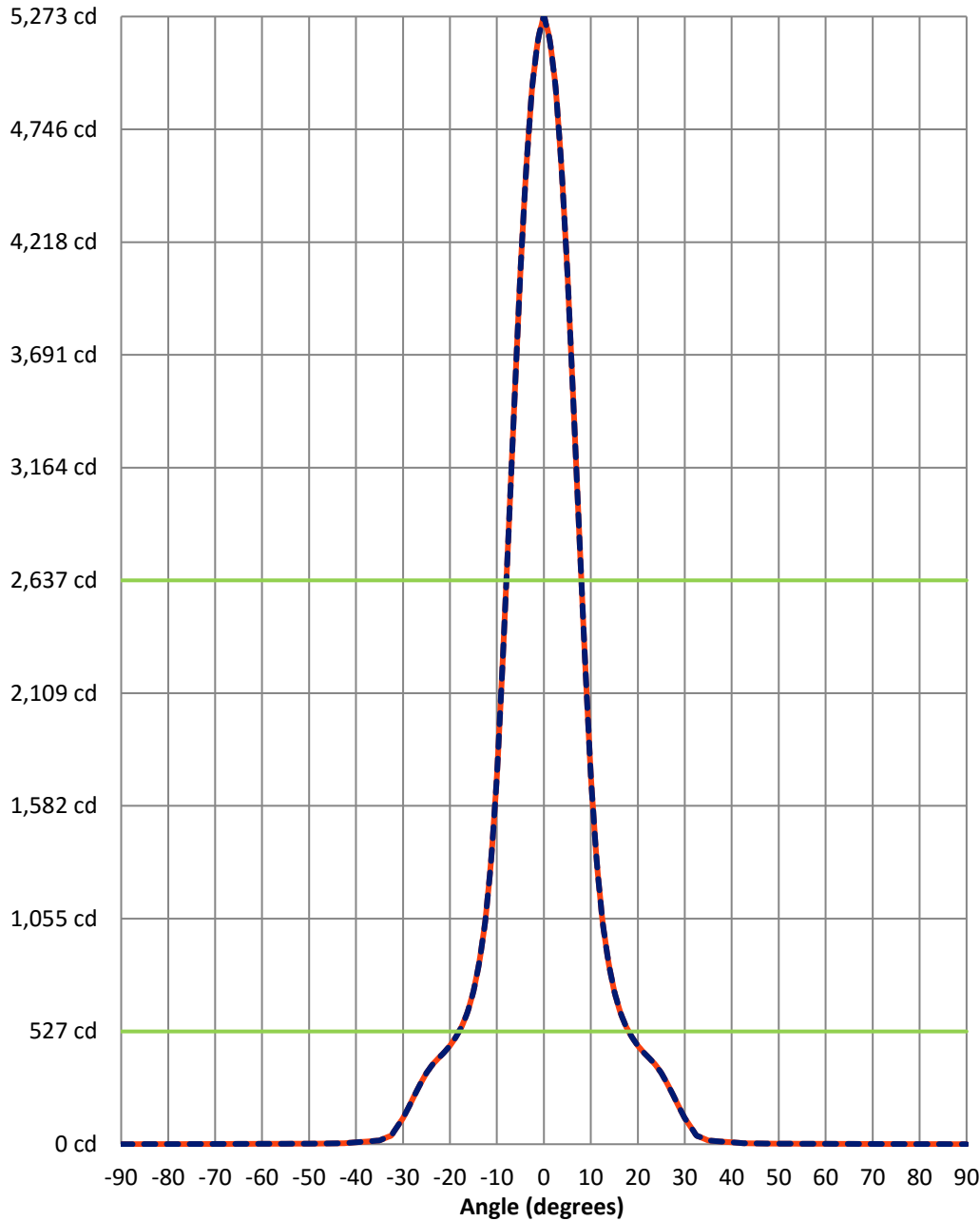
REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 16°
 V Angle: 16°
 Lumens: 226.7
 Efficiency: 32.7%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 488.9
 Efficiency: 70.4%

Spill:
 Lumens: 205.4
 Efficiency: 29.6%

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	1	1	1	1	1	1	1	1	1	1
-23.75°	0	1	1	1	1	1	1	1	1	1	1
-25°	0	1	1	1	1	1	1	1	1	1	1
-26.25°	0	1	1	1	1	1	1	1	1	1	1
-27.5°	0	1	1	1	1	1	1	1	1	1	1
-28.75°	0	0	1	1	1	1	1	1	1	1	1
-30°	0	0	1	1	1	1	1	1	1	1	1
-31.25°	0	0	1	1	1	1	1	1	1	1	1
-32.5°	0	0	1	1	1	1	1	1	1	1	1
-33.75°	0	0	1	1	1	1	1	1	1	1	1
-35°	0	0	1	1	1	1	1	1	1	1	1
-36.25°	0	0	0	1	1	1	1	1	1	1	1
-37.5°	0	0	0	1	1	1	1	1	1	1	1
-38.75°	0	0	0	1	1	1	1	1	1	1	1
-40°	0	0	0	1	1	1	1	1	1	1	1
-41.25°	0	0	0	0	1	1	1	1	1	1	1
-42.5°	0	0	0	0	1	1	1	1	1	1	1
-43.75°	0	0	0	0	1	1	1	1	1	1	1
-45°	0	0	0	0	1	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	0	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	0	1	1	1	1
-52.5°	0	0	0	0	0	0	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	0	1	1	1
-55°	0	0	0	0	0	0	0	0	1	1	1
-56.25°	0	0	0	0	0	0	0	0	0	1	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	1
-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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	1	1	2	2	2	2	2	2	2	2	2
32.5°	1	1	2	2	2	2	2	2	2	2	2
31.25°	1	1	2	2	2	2	2	2	2	2	2
30°	1	2	2	2	2	2	2	2	2	2	2
28.75°	1	2	2	2	2	2	2	2	2	2	2
27.5°	1	2	2	2	2	2	2	2	2	2	2
26.25°	2	2	2	2	2	2	2	2	2	2	2
25°	2	2	2	2	2	2	2	2	2	2	2
23.75°	2	2	2	2	2	2	2	2	2	2	2
22.5°	2	2	2	2	2	2	2	2	2	2	2
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	3
16.25°	2	2	2	2	2	2	2	2	2	2	3
15°	2	2	2	2	2	2	2	2	2	2	3
13.75°	2	2	2	2	2	2	2	2	2	2	3
12.5°	2	2	2	2	2	2	2	2	2	3	3
11.25°	2	2	2	2	2	2	2	2	2	3	3
10°	2	2	2	2	2	2	2	2	2	3	3
8.75°	2	2	2	2	2	2	2	2	2	3	3
7.5°	2	2	2	2	2	2	2	2	2	3	3
6.25°	2	2	2	2	2	2	2	2	2	3	3
5°	2	2	2	2	2	2	2	2	2	3	3
3.75°	2	2	2	2	2	2	2	2	2	3	3
2.5°	2	2	2	2	2	2	2	2	2	3	3
1.25°	2	2	2	2	2	2	2	2	2	3	3
0°	2	2	2	2	2	2	2	2	3	3	3
-1.25°	2	2	2	2	2	2	2	2	2	3	3
-2.5°	2	2	2	2	2	2	2	2	2	3	3
-3.75°	2	2	2	2	2	2	2	2	2	3	3
-5°	2	2	2	2	2	2	2	2	2	3	3
-6.25°	2	2	2	2	2	2	2	2	2	3	3
-7.5°	2	2	2	2	2	2	2	2	2	3	3
-8.75°	2	2	2	2	2	2	2	2	2	3	3
-10°	2	2	2	2	2	2	2	2	2	3	3
-11.25°	2	2	2	2	2	2	2	2	2	3	3
-12.5°	2	2	2	2	2	2	2	2	2	3	3
-13.75°	2	2	2	2	2	2	2	2	2	2	3
-15°	2	2	2	2	2	2	2	2	2	2	3
-16.25°	2	2	2	2	2	2	2	2	2	2	3
-17.5°	2	2	2	2	2	2	2	2	2	2	3
-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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	2	2	2	2	2	3	3	3	3	3	3
32.5°	2	2	2	2	3	3	3	3	3	3	3
31.25°	2	2	2	2	3	3	3	3	3	3	3
30°	2	2	2	3	3	3	3	3	3	3	3
28.75°	2	2	2	3	3	3	3	3	3	3	4
27.5°	2	2	3	3	3	3	3	3	3	4	4
26.25°	2	2	3	3	3	3	3	3	4	4	4
25°	2	3	3	3	3	3	3	3	4	4	4
23.75°	2	3	3	3	3	3	3	4	4	4	5
22.5°	3	3	3	3	3	3	3	4	4	4	6
21.25°	3	3	3	3	3	3	4	4	4	5	7
20°	3	3	3	3	3	3	4	4	4	6	8
18.75°	3	3	3	3	3	3	4	4	5	7	9
17.5°	3	3	3	3	3	4	4	4	5	8	9
16.25°	3	3	3	3	3	4	4	4	6	8	10
15°	3	3	3	3	3	4	4	5	7	9	11
13.75°	3	3	3	3	4	4	4	6	8	10	11
12.5°	3	3	3	3	4	4	4	6	8	10	12
11.25°	3	3	3	3	4	4	5	7	9	11	12
10°	3	3	3	3	4	4	5	7	9	11	13
8.75°	3	3	3	3	4	4	5	8	10	11	13
7.5°	3	3	3	4	4	4	6	8	10	12	14
6.25°	3	3	3	4	4	4	6	8	10	12	14
5°	3	3	3	4	4	4	6	9	10	12	15
3.75°	3	3	3	4	4	4	6	9	11	12	15
2.5°	3	3	3	4	4	4	7	9	11	13	15
1.25°	3	3	3	4	4	4	7	9	11	13	15
0°	3	3	3	4	4	5	7	9	11	13	15
-1.25°	3	3	3	4	4	4	7	9	11	13	15
-2.5°	3	3	3	4	4	4	7	9	11	13	15
-3.75°	3	3	3	4	4	4	6	9	11	12	15
-5°	3	3	3	4	4	4	6	9	10	12	15
-6.25°	3	3	3	4	4	4	6	8	10	12	14
-7.5°	3	3	3	4	4	4	6	8	10	12	14
-8.75°	3	3	3	3	4	4	5	8	10	11	13
-10°	3	3	3	3	4	4	5	7	9	11	13
-11.25°	3	3	3	3	4	4	5	7	9	11	12
-12.5°	3	3	3	3	4	4	4	6	8	10	12
-13.75°	3	3	3	3	4	4	4	6	8	10	11
-15°	3	3	3	3	3	4	4	5	7	9	11
-16.25°	3	3	3	3	3	4	4	4	6	8	10
-17.5°	3	3	3	3	3	4	4	4	5	8	9
-18.75°	3	3	3	3	3	3	4	4	5	7	9
-20°	3	3	3	3	3	3	4	4	4	6	8
-21.25°	3	3	3	3	3	3	4	4	4	5	7



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	3	3	3	3	3	3	3	4	4	4	6
-23.75°	2	3	3	3	3	3	3	4	4	4	5
-25°	2	3	3	3	3	3	3	3	4	4	4
-26.25°	2	2	3	3	3	3	3	3	4	4	4
-27.5°	2	2	3	3	3	3	3	3	3	4	4
-28.75°	2	2	2	3	3	3	3	3	3	3	4
-30°	2	2	2	3	3	3	3	3	3	3	3
-31.25°	2	2	2	2	3	3	3	3	3	3	3
-32.5°	2	2	2	2	3	3	3	3	3	3	3
-33.75°	2	2	2	2	2	3	3	3	3	3	3
-35°	2	2	2	2	2	2	3	3	3	3	3
-36.25°	2	2	2	2	2	2	2	3	3	3	3
-37.5°	2	2	2	2	2	2	2	2	3	3	3
-38.75°	2	2	2	2	2	2	2	2	2	3	3
-40°	2	2	2	2	2	2	2	2	2	2	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-52.5°	1	1	2	2	2	2	2	2	2	2	2
-53.75°	1	1	1	2	2	2	2	2	2	2	2
-55°	1	1	1	1	2	2	2	2	2	2	2
-56.25°	1	1	1	1	1	1	2	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	2	2	2
-58.75°	1	1	1	1	1	1	1	1	1	1	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	1	1	1	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	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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	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	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	2
60°	1	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	2
48.75°	2	2	2	2	2	2	2	2	2	2	3
47.5°	2	2	2	2	2	2	2	2	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	3	3	3	3	3	3	3	3	3
42.5°	2	3	3	3	3	3	3	3	3	3	3
41.25°	3	3	3	3	3	3	3	3	3	3	3
40°	3	3	3	3	3	3	3	3	3	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	4	4	4	4	5	6
35°	3	3	3	4	4	4	4	4	5	6	8



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	3	3	4	4	4	4	5	6	7	8	9
32.5°	3	4	4	4	4	5	6	7	9	10	11
31.25°	4	4	4	4	5	6	8	9	10	11	12
30°	4	4	4	5	6	8	9	10	12	13	14
28.75°	4	4	5	6	8	9	11	12	13	14	16
27.5°	4	5	6	8	9	11	12	13	15	16	18
26.25°	4	6	7	9	10	12	13	15	16	19	26
25°	5	7	9	10	12	13	15	16	20	27	35
23.75°	6	8	10	11	13	14	16	19	27	35	48
22.5°	8	9	11	12	14	16	18	26	35	48	76
21.25°	9	10	12	13	15	17	25	33	45	75	104
20°	9	11	13	15	17	22	31	40	70	100	132
18.75°	10	12	14	16	18	28	37	61	93	125	165
17.5°	11	13	15	17	24	33	49	83	116	155	198
16.25°	12	14	16	19	29	39	69	103	142	186	230
15°	12	15	17	24	34	53	88	123	168	215	260
13.75°	13	15	18	28	38	69	105	147	194	242	287
12.5°	14	16	22	32	48	85	122	169	219	267	311
11.25°	15	17	25	36	61	99	141	190	241	289	332
10°	15	18	28	39	74	112	158	210	261	308	349
8.75°	16	20	31	46	85	124	175	227	278	324	364
7.5°	16	22	34	55	95	137	189	243	293	338	374
6.25°	17	24	36	63	103	148	202	256	305	349	383
5°	17	26	37	70	110	158	212	266	315	358	390
3.75°	17	27	39	75	115	165	220	274	323	365	395
2.5°	17	28	40	78	119	170	226	280	329	369	398
1.25°	18	29	40	80	121	174	230	283	332	371	400
0°	18	29	41	81	122	175	231	284	333	372	401
-1.25°	18	29	40	80	121	174	230	283	332	371	400
-2.5°	17	28	40	78	119	170	226	280	329	369	398
-3.75°	17	27	39	75	115	165	220	274	323	365	395
-5°	17	26	37	70	110	158	212	266	315	358	390
-6.25°	17	24	36	63	103	148	202	256	305	349	383
-7.5°	16	22	34	55	95	137	189	243	293	338	374
-8.75°	16	20	31	46	85	124	175	227	278	324	364
-10°	15	18	28	39	74	112	158	210	261	308	349
-11.25°	15	17	25	36	61	99	141	190	241	289	332
-12.5°	14	16	22	32	48	85	122	169	219	267	311
-13.75°	13	15	18	28	38	69	105	147	194	242	287
-15°	12	15	17	24	34	53	88	123	168	215	260
-16.25°	12	14	16	19	29	39	69	103	142	186	230
-17.5°	11	13	15	17	24	33	49	83	116	155	198
-18.75°	10	12	14	16	18	28	37	61	93	125	165
-20°	9	11	13	15	17	22	31	40	70	100	132
-21.25°	9	10	12	13	15	17	25	33	45	75	104



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	8	9	11	12	14	16	18	26	35	48	76
-23.75°	6	8	10	11	13	14	16	19	27	35	48
-25°	5	7	9	10	12	13	15	16	20	27	35
-26.25°	4	6	7	9	10	12	13	15	16	19	26
-27.5°	4	5	6	8	9	11	12	13	15	16	18
-28.75°	4	4	5	6	8	9	11	12	13	14	16
-30°	4	4	4	5	6	8	9	10	12	13	14
-31.25°	4	4	4	4	5	6	8	9	10	11	12
-32.5°	3	4	4	4	4	5	6	7	9	10	11
-33.75°	3	3	4	4	4	4	5	6	7	8	9
-35°	3	3	3	4	4	4	4	4	5	6	8
-36.25°	3	3	3	3	3	4	4	4	4	5	6
-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°	3	3	3	3	3	3	3	3	3	4	4
-41.25°	3	3	3	3	3	3	3	3	3	3	3
-42.5°	2	3	3	3	3	3	3	3	3	3	3
-43.75°	2	2	3	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	2	3	3	3
-48.75°	2	2	2	2	2	2	2	2	2	2	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	2	2	2	2
-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°	0	0	0	0	0	0	1	1	1	1	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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	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	3	3	3	3
50°	2	2	2	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	4	4	4	4	4
42.5°	3	3	3	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	5	5	5
40°	4	4	4	4	4	5	6	6	7	7	8
38.75°	4	4	5	5	6	7	8	8	9	9	10
37.5°	5	6	7	8	8	9	10	10	11	11	11
36.25°	7	8	9	9	10	11	11	12	12	13	13
35°	9	9	10	11	12	12	13	14	15	15	16



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	10	11	12	13	14	15	15	16	17	18	20
32.5°	12	13	14	15	16	17	18	22	25	28	31
31.25°	13	15	16	17	19	24	28	32	36	39	46
30°	15	17	18	24	29	34	38	48	61	74	85
28.75°	17	22	28	33	39	53	69	85	99	112	124
27.5°	25	31	37	49	69	88	105	122	141	158	175
26.25°	33	40	61	83	103	123	147	169	190	210	227
25°	45	70	93	116	142	168	194	219	241	261	278
23.75°	75	100	125	155	186	215	242	267	289	308	324
22.5°	104	132	165	198	230	260	287	311	332	349	364
21.25°	134	170	206	241	273	302	328	349	368	381	392
20°	170	209	246	281	312	339	362	379	394	406	417
18.75°	206	246	283	316	345	370	388	403	417	431	444
17.5°	241	281	316	348	373	393	409	426	442	459	476
16.25°	273	312	345	373	394	412	431	450	470	491	514
15°	302	339	370	393	412	432	454	478	503	530	558
13.75°	328	362	388	409	431	454	480	510	542	575	616
12.5°	349	379	403	426	450	478	510	545	586	635	696
11.25°	368	394	417	442	470	503	542	586	643	714	793
10°	381	406	431	459	491	530	575	635	714	804	914
8.75°	392	417	444	476	514	558	616	696	793	914	1067
7.5°	401	427	457	491	535	588	662	760	883	1044	1253
6.25°	409	437	469	508	555	618	708	821	976	1186	1468
5°	416	445	479	522	573	649	753	889	1076	1336	1699
3.75°	422	452	488	534	592	677	790	943	1167	1491	1927
2.5°	426	457	494	543	605	698	818	996	1249	1618	2103
1.25°	428	460	499	548	614	710	841	1029	1299	1696	2222
0°	429	461	500	550	617	714	848	1040	1316	1722	2264
-1.25°	428	460	499	548	614	710	841	1029	1299	1696	2222
-2.5°	426	457	494	543	605	698	818	996	1249	1618	2103
-3.75°	422	452	488	534	592	677	790	943	1167	1491	1927
-5°	416	445	479	522	573	649	753	889	1076	1336	1699
-6.25°	409	437	469	508	555	618	708	821	976	1186	1468
-7.5°	401	427	457	491	535	588	662	760	883	1044	1253
-8.75°	392	417	444	476	514	558	616	696	793	914	1067
-10°	381	406	431	459	491	530	575	635	714	804	914
-11.25°	368	394	417	442	470	503	542	586	643	714	793
-12.5°	349	379	403	426	450	478	510	545	586	635	696
-13.75°	328	362	388	409	431	454	480	510	542	575	616
-15°	302	339	370	393	412	432	454	478	503	530	558
-16.25°	273	312	345	373	394	412	431	450	470	491	514
-17.5°	241	281	316	348	373	393	409	426	442	459	476
-18.75°	206	246	283	316	345	370	388	403	417	431	444
-20°	170	209	246	281	312	339	362	379	394	406	417
-21.25°	134	170	206	241	273	302	328	349	368	381	392



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	104	132	165	198	230	260	287	311	332	349	364
-23.75°	75	100	125	155	186	215	242	267	289	308	324
-25°	45	70	93	116	142	168	194	219	241	261	278
-26.25°	33	40	61	83	103	123	147	169	190	210	227
-27.5°	25	31	37	49	69	88	105	122	141	158	175
-28.75°	17	22	28	33	39	53	69	85	99	112	124
-30°	15	17	18	24	29	34	38	48	61	74	85
-31.25°	13	15	16	17	19	24	28	32	36	39	46
-32.5°	12	13	14	15	16	17	18	22	25	28	31
-33.75°	10	11	12	13	14	15	15	16	17	18	20
-35°	9	9	10	11	12	12	13	14	15	15	16
-36.25°	7	8	9	9	10	11	11	12	12	13	13
-37.5°	5	6	7	8	8	9	10	10	11	11	11
-38.75°	4	4	5	5	6	7	8	8	9	9	10
-40°	4	4	4	4	4	5	6	6	7	7	8
-41.25°	4	4	4	4	4	4	4	4	5	5	5
-42.5°	3	3	3	4	4	4	4	4	4	4	4
-43.75°	3	3	3	3	3	3	4	4	4	4	4
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	2	2	2	3	3	3	3	3	3	3	3
-51.25°	2	2	2	2	2	2	2	3	3	3	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°	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°	1	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	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	3	2	2	2	2
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	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	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°	4	4	4	4	4	4	5	4	4	4	4
41.25°	6	6	6	6	7	7	7	7	7	6	6
40°	8	8	9	9	9	9	9	9	9	9	9
38.75°	10	10	10	11	11	11	11	11	11	11	10
37.5°	12	12	12	12	13	13	13	13	13	12	12
36.25°	14	14	15	15	15	15	15	15	15	15	15
35°	16	17	17	17	17	18	18	18	17	17	17



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	22	24	26	27	28	29	29	29	28	27	26
32.5°	34	36	37	39	40	40	41	40	40	39	37
31.25°	55	63	70	75	78	80	81	80	78	75	70
30°	95	103	110	115	119	121	122	121	119	115	110
28.75°	137	148	158	165	170	174	175	174	170	165	158
27.5°	189	202	212	220	226	230	231	230	226	220	212
26.25°	243	256	266	274	280	283	284	283	280	274	266
25°	293	305	315	323	329	332	333	332	329	323	315
23.75°	338	349	358	365	369	371	372	371	369	365	358
22.5°	374	383	390	395	398	400	401	400	398	395	390
21.25°	401	409	416	422	426	428	429	428	426	422	416
20°	427	437	445	452	457	460	461	460	457	452	445
18.75°	457	469	479	488	494	499	500	499	494	488	479
17.5°	491	508	522	534	543	548	550	548	543	534	522
16.25°	535	555	573	592	605	614	617	614	605	592	573
15°	588	618	649	677	698	710	714	710	698	677	649
13.75°	662	708	753	790	818	841	848	841	818	790	753
12.5°	760	821	889	943	996	1029	1040	1029	996	943	889
11.25°	883	976	1076	1167	1249	1299	1316	1299	1249	1167	1076
10°	1044	1186	1336	1491	1618	1696	1722	1696	1618	1491	1336
8.75°	1253	1468	1699	1927	2103	2222	2264	2222	2103	1927	1699
7.5°	1519	1827	2141	2442	2673	2819	2870	2819	2673	2442	2141
6.25°	1827	2226	2627	2974	3247	3422	3483	3422	3247	2974	2627
5°	2141	2627	3081	3484	3800	4006	4078	4006	3800	3484	3081
3.75°	2442	2974	3484	3936	4281	4505	4572	4505	4281	3936	3484
2.5°	2673	3247	3800	4281	4644	4871	4942	4871	4644	4281	3800
1.25°	2819	3422	4006	4505	4871	5095	5171	5095	4871	4505	4006
0°	2870	3483	4078	4572	4942	5171	5273	5171	4942	4572	4078
-1.25°	2819	3422	4006	4505	4871	5095	5171	5095	4871	4505	4006
-2.5°	2673	3247	3800	4281	4644	4871	4942	4871	4644	4281	3800
-3.75°	2442	2974	3484	3936	4281	4505	4572	4505	4281	3936	3484
-5°	2141	2627	3081	3484	3800	4006	4078	4006	3800	3484	3081
-6.25°	1827	2226	2627	2974	3247	3422	3483	3422	3247	2974	2627
-7.5°	1519	1827	2141	2442	2673	2819	2870	2819	2673	2442	2141
-8.75°	1253	1468	1699	1927	2103	2222	2264	2222	2103	1927	1699
-10°	1044	1186	1336	1491	1618	1696	1722	1696	1618	1491	1336
-11.25°	883	976	1076	1167	1249	1299	1316	1299	1249	1167	1076
-12.5°	760	821	889	943	996	1029	1040	1029	996	943	889
-13.75°	662	708	753	790	818	841	848	841	818	790	753
-15°	588	618	649	677	698	710	714	710	698	677	649
-16.25°	535	555	573	592	605	614	617	614	605	592	573
-17.5°	491	508	522	534	543	548	550	548	543	534	522
-18.75°	457	469	479	488	494	499	500	499	494	488	479
-20°	427	437	445	452	457	460	461	460	457	452	445
-21.25°	401	409	416	422	426	428	429	428	426	422	416



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	374	383	390	395	398	400	401	400	398	395	390
-23.75°	338	349	358	365	369	371	372	371	369	365	358
-25°	293	305	315	323	329	332	333	332	329	323	315
-26.25°	243	256	266	274	280	283	284	283	280	274	266
-27.5°	189	202	212	220	226	230	231	230	226	220	212
-28.75°	137	148	158	165	170	174	175	174	170	165	158
-30°	95	103	110	115	119	121	122	121	119	115	110
-31.25°	55	63	70	75	78	80	81	80	78	75	70
-32.5°	34	36	37	39	40	40	41	40	40	39	37
-33.75°	22	24	26	27	28	29	29	29	28	27	26
-35°	16	17	17	17	17	18	18	18	17	17	17
-36.25°	14	14	15	15	15	15	15	15	15	15	15
-37.5°	12	12	12	12	13	13	13	13	13	12	12
-38.75°	10	10	10	11	11	11	11	11	11	11	10
-40°	8	8	9	9	9	9	9	9	9	9	9
-41.25°	6	6	6	6	7	7	7	7	7	6	6
-42.5°	4	4	4	4	4	4	5	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°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-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	2	2	2	2	3	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°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	0	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°	2	2	2	2	2	1	1	1	1	1	1
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	3	3	3	3	2	2	2	2	2
50°	3	3	3	3	3	3	3	3	3	3	2
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	4	4	3	3	3	3	3	3	3	3	3
43.75°	4	4	4	4	4	4	4	3	3	3	3
42.5°	4	4	4	4	4	4	4	4	4	4	3
41.25°	6	6	5	5	5	4	4	4	4	4	4
40°	8	8	8	7	7	6	6	5	4	4	4
38.75°	10	10	10	9	9	8	8	7	6	5	5
37.5°	12	12	11	11	11	10	10	9	8	8	7
36.25°	14	14	13	13	12	12	11	11	10	9	9
35°	17	16	16	15	15	14	13	12	12	11	10



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	24	22	20	18	17	16	15	15	14	13	12
32.5°	36	34	31	28	25	22	18	17	16	15	14
31.25°	63	55	46	39	36	32	28	24	19	17	16
30°	103	95	85	74	61	48	38	34	29	24	18
28.75°	148	137	124	112	99	85	69	53	39	33	28
27.5°	202	189	175	158	141	122	105	88	69	49	37
26.25°	256	243	227	210	190	169	147	123	103	83	61
25°	305	293	278	261	241	219	194	168	142	116	93
23.75°	349	338	324	308	289	267	242	215	186	155	125
22.5°	383	374	364	349	332	311	287	260	230	198	165
21.25°	409	401	392	381	368	349	328	302	273	241	206
20°	437	427	417	406	394	379	362	339	312	281	246
18.75°	469	457	444	431	417	403	388	370	345	316	283
17.5°	508	491	476	459	442	426	409	393	373	348	316
16.25°	555	535	514	491	470	450	431	412	394	373	345
15°	618	588	558	530	503	478	454	432	412	393	370
13.75°	708	662	616	575	542	510	480	454	431	409	388
12.5°	821	760	696	635	586	545	510	478	450	426	403
11.25°	976	883	793	714	643	586	542	503	470	442	417
10°	1186	1044	914	804	714	635	575	530	491	459	431
8.75°	1468	1253	1067	914	793	696	616	558	514	476	444
7.5°	1827	1519	1253	1044	883	760	662	588	535	491	457
6.25°	2226	1827	1468	1186	976	821	708	618	555	508	469
5°	2627	2141	1699	1336	1076	889	753	649	573	522	479
3.75°	2974	2442	1927	1491	1167	943	790	677	592	534	488
2.5°	3247	2673	2103	1618	1249	996	818	698	605	543	494
1.25°	3422	2819	2222	1696	1299	1029	841	710	614	548	499
0°	3483	2870	2264	1722	1316	1040	848	714	617	550	500
-1.25°	3422	2819	2222	1696	1299	1029	841	710	614	548	499
-2.5°	3247	2673	2103	1618	1249	996	818	698	605	543	494
-3.75°	2974	2442	1927	1491	1167	943	790	677	592	534	488
-5°	2627	2141	1699	1336	1076	889	753	649	573	522	479
-6.25°	2226	1827	1468	1186	976	821	708	618	555	508	469
-7.5°	1827	1519	1253	1044	883	760	662	588	535	491	457
-8.75°	1468	1253	1067	914	793	696	616	558	514	476	444
-10°	1186	1044	914	804	714	635	575	530	491	459	431
-11.25°	976	883	793	714	643	586	542	503	470	442	417
-12.5°	821	760	696	635	586	545	510	478	450	426	403
-13.75°	708	662	616	575	542	510	480	454	431	409	388
-15°	618	588	558	530	503	478	454	432	412	393	370
-16.25°	555	535	514	491	470	450	431	412	394	373	345
-17.5°	508	491	476	459	442	426	409	393	373	348	316
-18.75°	469	457	444	431	417	403	388	370	345	316	283
-20°	437	427	417	406	394	379	362	339	312	281	246
-21.25°	409	401	392	381	368	349	328	302	273	241	206



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	383	374	364	349	332	311	287	260	230	198	165
-23.75°	349	338	324	308	289	267	242	215	186	155	125
-25°	305	293	278	261	241	219	194	168	142	116	93
-26.25°	256	243	227	210	190	169	147	123	103	83	61
-27.5°	202	189	175	158	141	122	105	88	69	49	37
-28.75°	148	137	124	112	99	85	69	53	39	33	28
-30°	103	95	85	74	61	48	38	34	29	24	18
-31.25°	63	55	46	39	36	32	28	24	19	17	16
-32.5°	36	34	31	28	25	22	18	17	16	15	14
-33.75°	24	22	20	18	17	16	15	15	14	13	12
-35°	17	16	16	15	15	14	13	12	12	11	10
-36.25°	14	14	13	13	12	12	11	11	10	9	9
-37.5°	12	12	11	11	11	10	10	9	8	8	7
-38.75°	10	10	10	9	9	8	8	7	6	5	5
-40°	8	8	8	7	7	6	6	5	4	4	4
-41.25°	6	6	5	5	5	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	3
-43.75°	4	4	4	4	4	4	4	3	3	3	3
-45°	4	4	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	2
-51.25°	3	3	3	3	3	3	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	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	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	1	1
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	2
48.75°	3	3	3	2	2	2	2	2	2	2	2
47.5°	3	3	3	3	3	2	2	2	2	2	2
46.25°	3	3	3	3	3	3	3	2	2	2	2
45°	3	3	3	3	3	3	3	3	3	2	2
43.75°	3	3	3	3	3	3	3	3	3	3	3
42.5°	3	3	3	3	3	3	3	3	3	3	3
41.25°	4	4	3	3	3	3	3	3	3	3	3
40°	4	4	4	4	3	3	3	3	3	3	3
38.75°	4	4	4	4	4	4	3	3	3	3	3
37.5°	6	5	4	4	4	4	4	3	3	3	3
36.25°	8	7	6	5	4	4	4	4	3	3	3
35°	9	9	8	6	5	4	4	4	4	4	3



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	11	10	9	8	7	6	5	4	4	4	4
32.5°	13	12	11	10	9	7	6	5	4	4	4
31.25°	15	13	12	11	10	9	8	6	5	4	4
30°	17	15	14	13	12	10	9	8	6	5	4
28.75°	22	17	16	14	13	12	11	9	8	6	5
27.5°	31	25	18	16	15	13	12	11	9	8	6
26.25°	40	33	26	19	16	15	13	12	10	9	7
25°	70	45	35	27	20	16	15	13	12	10	9
23.75°	100	75	48	35	27	19	16	14	13	11	10
22.5°	132	104	76	48	35	26	18	16	14	12	11
21.25°	170	134	104	75	45	33	25	17	15	13	12
20°	209	170	132	100	70	40	31	22	17	15	13
18.75°	246	206	165	125	93	61	37	28	18	16	14
17.5°	281	241	198	155	116	83	49	33	24	17	15
16.25°	312	273	230	186	142	103	69	39	29	19	16
15°	339	302	260	215	168	123	88	53	34	24	17
13.75°	362	328	287	242	194	147	105	69	38	28	18
12.5°	379	349	311	267	219	169	122	85	48	32	22
11.25°	394	368	332	289	241	190	141	99	61	36	25
10°	406	381	349	308	261	210	158	112	74	39	28
8.75°	417	392	364	324	278	227	175	124	85	46	31
7.5°	427	401	374	338	293	243	189	137	95	55	34
6.25°	437	409	383	349	305	256	202	148	103	63	36
5°	445	416	390	358	315	266	212	158	110	70	37
3.75°	452	422	395	365	323	274	220	165	115	75	39
2.5°	457	426	398	369	329	280	226	170	119	78	40
1.25°	460	428	400	371	332	283	230	174	121	80	40
0°	461	429	401	372	333	284	231	175	122	81	41
-1.25°	460	428	400	371	332	283	230	174	121	80	40
-2.5°	457	426	398	369	329	280	226	170	119	78	40
-3.75°	452	422	395	365	323	274	220	165	115	75	39
-5°	445	416	390	358	315	266	212	158	110	70	37
-6.25°	437	409	383	349	305	256	202	148	103	63	36
-7.5°	427	401	374	338	293	243	189	137	95	55	34
-8.75°	417	392	364	324	278	227	175	124	85	46	31
-10°	406	381	349	308	261	210	158	112	74	39	28
-11.25°	394	368	332	289	241	190	141	99	61	36	25
-12.5°	379	349	311	267	219	169	122	85	48	32	22
-13.75°	362	328	287	242	194	147	105	69	38	28	18
-15°	339	302	260	215	168	123	88	53	34	24	17
-16.25°	312	273	230	186	142	103	69	39	29	19	16
-17.5°	281	241	198	155	116	83	49	33	24	17	15
-18.75°	246	206	165	125	93	61	37	28	18	16	14
-20°	209	170	132	100	70	40	31	22	17	15	13
-21.25°	170	134	104	75	45	33	25	17	15	13	12



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	132	104	76	48	35	26	18	16	14	12	11
-23.75°	100	75	48	35	27	19	16	14	13	11	10
-25°	70	45	35	27	20	16	15	13	12	10	9
-26.25°	40	33	26	19	16	15	13	12	10	9	7
-27.5°	31	25	18	16	15	13	12	11	9	8	6
-28.75°	22	17	16	14	13	12	11	9	8	6	5
-30°	17	15	14	13	12	10	9	8	6	5	4
-31.25°	15	13	12	11	10	9	8	6	5	4	4
-32.5°	13	12	11	10	9	7	6	5	4	4	4
-33.75°	11	10	9	8	7	6	5	4	4	4	4
-35°	9	9	8	6	5	4	4	4	4	4	3
-36.25°	8	7	6	5	4	4	4	4	3	3	3
-37.5°	6	5	4	4	4	4	4	3	3	3	3
-38.75°	4	4	4	4	4	4	3	3	3	3	3
-40°	4	4	4	4	3	3	3	3	3	3	3
-41.25°	4	4	3	3	3	3	3	3	3	3	3
-42.5°	3	3	3	3	3	3	3	3	3	3	3
-43.75°	3	3	3	3	3	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	2	2
-46.25°	3	3	3	3	3	3	3	2	2	2	2
-47.5°	3	3	3	3	3	2	2	2	2	2	2
-48.75°	3	3	3	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	2
-61.25°	2	2	2	2	2	2	2	2	2	1	1
-62.5°	2	2	2	2	2	2	1	1	1	1	1
-63.75°	2	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	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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	0	0	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	1	1	1	0
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°	2	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	2	1	1	1	1
55°	2	2	2	2	2	2	2	2	2	1	1
53.75°	2	2	2	2	2	2	2	2	2	2	1
52.5°	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°	3	2	2	2	2	2	2	2	2	2	2
41.25°	3	3	2	2	2	2	2	2	2	2	2
40°	3	3	3	2	2	2	2	2	2	2	2
38.75°	3	3	3	3	2	2	2	2	2	2	2
37.5°	3	3	3	3	3	2	2	2	2	2	2
36.25°	3	3	3	3	3	3	2	2	2	2	2
35°	3	3	3	3	3	3	3	2	2	2	2



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	3	3	3	3	3	3	3	3	2	2	2
32.5°	4	3	3	3	3	3	3	3	3	2	2
31.25°	4	4	3	3	3	3	3	3	3	2	2
30°	4	4	3	3	3	3	3	3	3	3	2
28.75°	4	4	4	3	3	3	3	3	3	3	2
27.5°	5	4	4	4	3	3	3	3	3	3	3
26.25°	6	4	4	4	4	3	3	3	3	3	3
25°	7	5	4	4	4	3	3	3	3	3	3
23.75°	8	6	5	4	4	4	3	3	3	3	3
22.5°	9	8	6	4	4	4	3	3	3	3	3
21.25°	10	9	7	5	4	4	4	3	3	3	3
20°	11	9	8	6	4	4	4	3	3	3	3
18.75°	12	10	9	7	5	4	4	3	3	3	3
17.5°	13	11	9	8	5	4	4	4	3	3	3
16.25°	14	12	10	8	6	4	4	4	3	3	3
15°	15	12	11	9	7	5	4	4	3	3	3
13.75°	15	13	11	10	8	6	4	4	4	3	3
12.5°	16	14	12	10	8	6	4	4	4	3	3
11.25°	17	15	12	11	9	7	5	4	4	3	3
10°	18	15	13	11	9	7	5	4	4	3	3
8.75°	20	16	13	11	10	8	5	4	4	3	3
7.5°	22	16	14	12	10	8	6	4	4	4	3
6.25°	24	17	14	12	10	8	6	4	4	4	3
5°	26	17	15	12	10	9	6	4	4	4	3
3.75°	27	17	15	12	11	9	6	4	4	4	3
2.5°	28	17	15	13	11	9	7	4	4	4	3
1.25°	29	18	15	13	11	9	7	4	4	4	3
0°	29	18	15	13	11	9	7	5	4	4	3
-1.25°	29	18	15	13	11	9	7	4	4	4	3
-2.5°	28	17	15	13	11	9	7	4	4	4	3
-3.75°	27	17	15	12	11	9	6	4	4	4	3
-5°	26	17	15	12	10	9	6	4	4	4	3
-6.25°	24	17	14	12	10	8	6	4	4	4	3
-7.5°	22	16	14	12	10	8	6	4	4	4	3
-8.75°	20	16	13	11	10	8	5	4	4	3	3
-10°	18	15	13	11	9	7	5	4	4	3	3
-11.25°	17	15	12	11	9	7	5	4	4	3	3
-12.5°	16	14	12	10	8	6	4	4	4	3	3
-13.75°	15	13	11	10	8	6	4	4	4	3	3
-15°	15	12	11	9	7	5	4	4	3	3	3
-16.25°	14	12	10	8	6	4	4	4	3	3	3
-17.5°	13	11	9	8	5	4	4	4	3	3	3
-18.75°	12	10	9	7	5	4	4	3	3	3	3
-20°	11	9	8	6	4	4	4	3	3	3	3
-21.25°	10	9	7	5	4	4	4	3	3	3	3



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	9	8	6	4	4	4	3	3	3	3	3
-23.75°	8	6	5	4	4	4	3	3	3	3	3
-25°	7	5	4	4	4	3	3	3	3	3	3
-26.25°	6	4	4	4	4	3	3	3	3	3	3
-27.5°	5	4	4	4	3	3	3	3	3	3	3
-28.75°	4	4	4	3	3	3	3	3	3	3	2
-30°	4	4	3	3	3	3	3	3	3	3	2
-31.25°	4	4	3	3	3	3	3	3	3	2	2
-32.5°	4	3	3	3	3	3	3	3	3	2	2
-33.75°	3	3	3	3	3	3	3	3	2	2	2
-35°	3	3	3	3	3	3	3	2	2	2	2
-36.25°	3	3	3	3	3	3	2	2	2	2	2
-37.5°	3	3	3	3	3	2	2	2	2	2	2
-38.75°	3	3	3	3	2	2	2	2	2	2	2
-40°	3	3	3	2	2	2	2	2	2	2	2
-41.25°	3	3	2	2	2	2	2	2	2	2	2
-42.5°	3	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	1
-55°	2	2	2	2	2	2	2	2	2	1	1
-56.25°	2	2	2	2	2	2	2	1	1	1	1
-57.5°	2	2	2	2	2	1	1	1	1	1	1
-58.75°	2	2	2	1	1	1	1	1	1	1	1
-60°	2	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	0
-72.5°	1	1	1	1	1	1	0	0	0	0	0
-73.75°	1	1	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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	3	3	2	2	2	2	2	2	2	2	2
-23.75°	3	2	2	2	2	2	2	2	2	2	2
-25°	3	2	2	2	2	2	2	2	2	2	2
-26.25°	2	2	2	2	2	2	2	2	2	2	2
-27.5°	2	2	2	2	2	2	2	2	2	2	2
-28.75°	2	2	2	2	2	2	2	2	2	2	2
-30°	2	2	2	2	2	2	2	2	2	2	2
-31.25°	2	2	2	2	2	2	2	2	2	2	2
-32.5°	2	2	2	2	2	2	2	2	2	2	2
-33.75°	2	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	1
-36.25°	2	2	2	2	2	2	2	2	2	2	1
-37.5°	2	2	2	2	2	2	2	2	2	1	1
-38.75°	2	2	2	2	2	2	2	2	2	1	1
-40°	2	2	2	2	2	2	2	2	1	1	1
-41.25°	2	2	2	2	2	2	2	2	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	1	1	1	1	1	1
-47.5°	2	2	2	2	1	1	1	1	1	1	1
-48.75°	2	2	2	1	1	1	1	1	1	1	1
-50°	2	2	2	1	1	1	1	1	1	1	1
-51.25°	2	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	0
-65°	1	1	1	1	1	1	1	1	0	0	0
-66.25°	1	1	1	1	1	1	1	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	2	2	1	1	1	1	1	1	1	1	1
-23.75°	2	2	1	1	1	1	1	1	1	1	1
-25°	2	2	1	1	1	1	1	1	1	1	1
-26.25°	2	2	1	1	1	1	1	1	1	1	1
-27.5°	2	1	1	1	1	1	1	1	1	1	1
-28.75°	2	1	1	1	1	1	1	1	1	1	1
-30°	2	1	1	1	1	1	1	1	1	1	1
-31.25°	1	1	1	1	1	1	1	1	1	1	1
-32.5°	1	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	0
-37.5°	1	1	1	1	1	1	1	1	1	1	0
-38.75°	1	1	1	1	1	1	1	1	1	1	0
-40°	1	1	1	1	1	1	1	1	1	1	0
-41.25°	1	1	1	1	1	1	1	1	1	0	0
-42.5°	1	1	1	1	1	1	1	1	1	0	0
-43.75°	1	1	1	1	1	1	1	1	1	0	0
-45°	1	1	1	1	1	1	1	1	1	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	0	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	0	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	0	0	0	0	0	0
-55°	1	1	1	1	1	0	0	0	0	0	0
-56.25°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	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: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	1	0	0	0	0	0	0	0	0	0	0
26.25°	1	0	0	0	0	0	0	0	0	0	0
25°	1	0	0	0	0	0	0	0	0	0	0
23.75°	1	0	0	0	0	0	0	0	0	0	0
22.5°	1	0	0	0	0	0	0	0	0	0	0
21.25°	1	0	0	0	0	0	0	0	0	0	0
20°	1	0	0	0	0	0	0	0	0	0	0
18.75°	1	0	0	0	0	0	0	0	0	0	0
17.5°	1	0	0	0	0	0	0	0	0	0	0
16.25°	1	1	0	0	0	0	0	0	0	0	0
15°	1	1	0	0	0	0	0	0	0	0	0
13.75°	1	1	0	0	0	0	0	0	0	0	0
12.5°	1	1	0	0	0	0	0	0	0	0	0
11.25°	1	1	0	0	0	0	0	0	0	0	0
10°	1	1	0	0	0	0	0	0	0	0	0
8.75°	1	1	0	0	0	0	0	0	0	0	0
7.5°	1	1	0	0	0	0	0	0	0	0	0
6.25°	1	1	0	0	0	0	0	0	0	0	0
5°	1	1	0	0	0	0	0	0	0	0	0
3.75°	1	1	0	0	0	0	0	0	0	0	0
2.5°	1	1	0	0	0	0	0	0	0	0	0
1.25°	1	1	0	0	0	0	0	0	0	0	0
0°	1	1	0	0	0	0	0	0	0	0	0
-1.25°	1	1	0	0	0	0	0	0	0	0	0
-2.5°	1	1	0	0	0	0	0	0	0	0	0
-3.75°	1	1	0	0	0	0	0	0	0	0	0
-5°	1	1	0	0	0	0	0	0	0	0	0
-6.25°	1	1	0	0	0	0	0	0	0	0	0
-7.5°	1	1	0	0	0	0	0	0	0	0	0
-8.75°	1	1	0	0	0	0	0	0	0	0	0
-10°	1	1	0	0	0	0	0	0	0	0	0
-11.25°	1	1	0	0	0	0	0	0	0	0	0
-12.5°	1	1	0	0	0	0	0	0	0	0	0
-13.75°	1	1	0	0	0	0	0	0	0	0	0
-15°	1	1	0	0	0	0	0	0	0	0	0
-16.25°	1	1	0	0	0	0	0	0	0	0	0
-17.5°	1	0	0	0	0	0	0	0	0	0	0
-18.75°	1	0	0	0	0	0	0	0	0	0	0
-20°	1	0	0	0	0	0	0	0	0	0	0
-21.25°	1	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-S-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)