

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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)
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-M-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

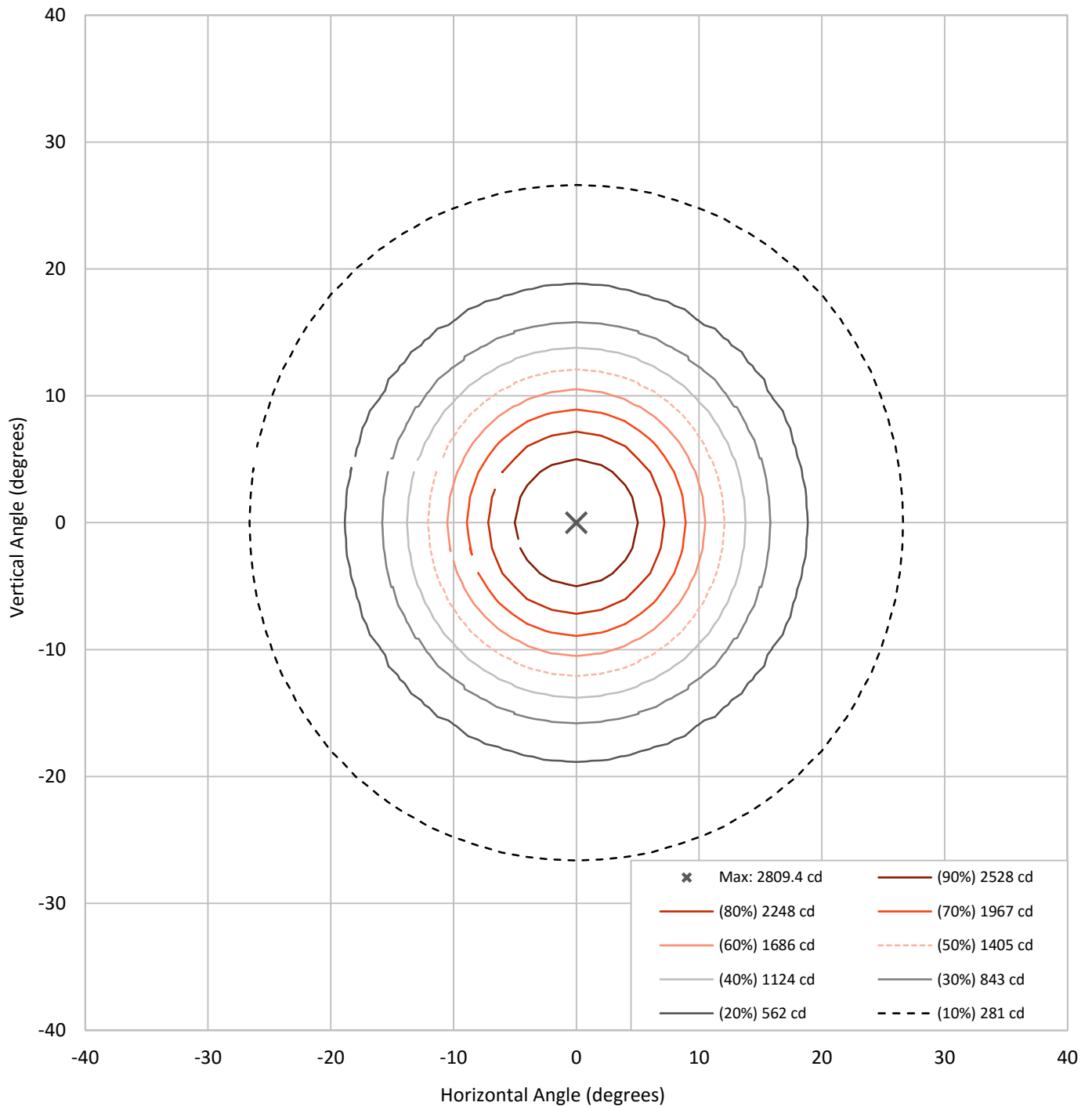
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	663.4 lumens	Max Intensity:	2809.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	290 lumens	Field Lumens:	592.6 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (A _{in}):	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

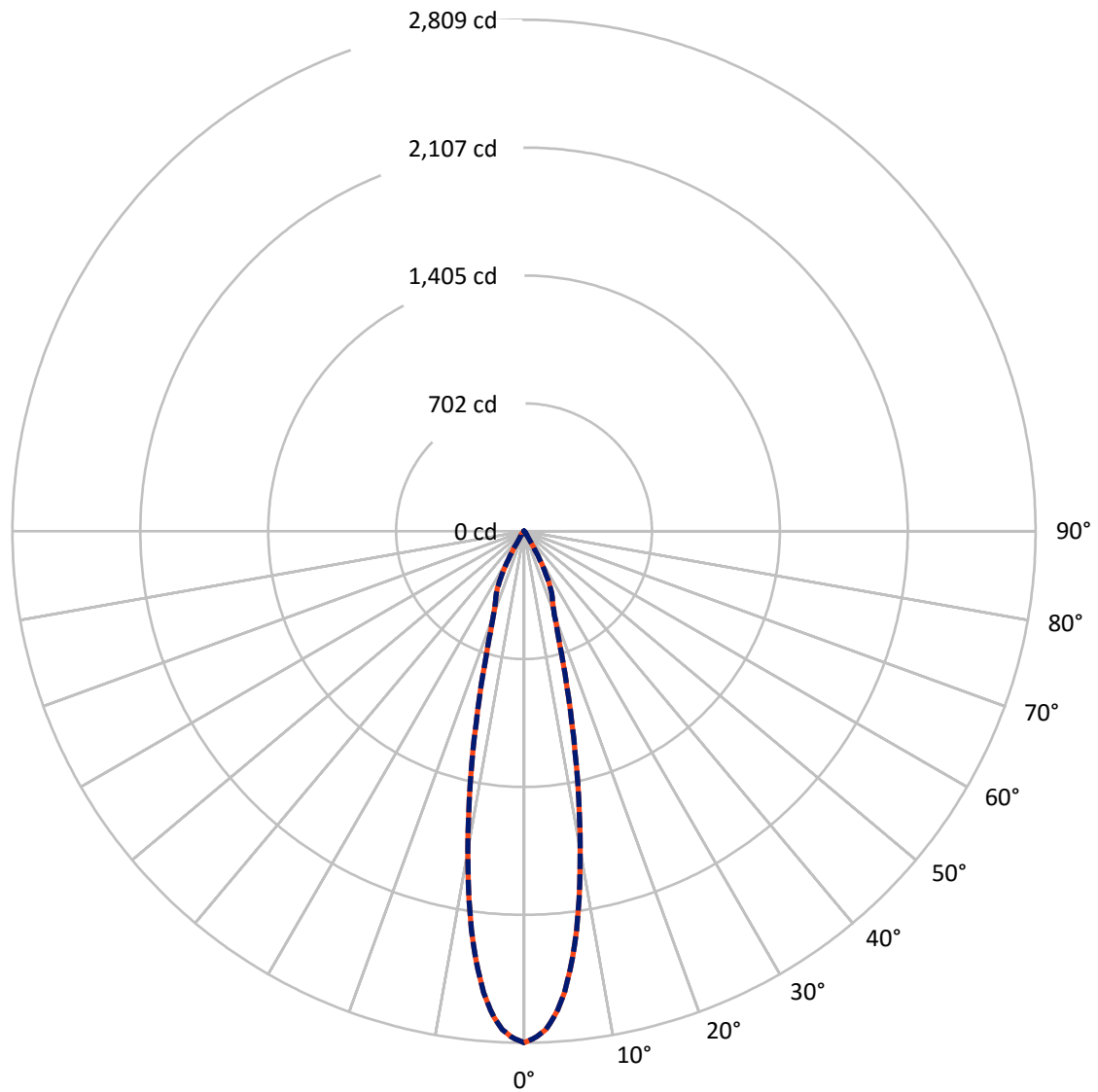
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	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	0.1	0.1	0.1	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
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	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.1	0.2	0.6	1.1	1.1	0.6	0.2	0.1	0.1	0.0	0.0	
30	0.0	0.0	0.0	0.1	0.2	1.1	5.4	9.3	9.3	5.4	1.1	0.2	0.1	0.0	0.0	0.0
20		0.0	0.0	0.1	0.5	5.1	14.0	26.7	26.7	14.0	5.1	0.5	0.1	0.0	0.0	
10	0.0	0.0	0.1	0.1	0.9	8.5	26.0	64.3	64.3	26.0	8.5	0.9	0.1	0.1	0.0	0.0
0		0.0	0.1	0.1	0.9	8.5	26.0	64.3	64.3	26.0	8.5	0.9	0.1	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.9	8.5	26.0	64.3	64.3	26.0	8.5	0.9	0.1	0.1	0.0	0.0
-20		0.0	0.0	0.1	0.5	5.1	14.0	26.7	26.7	14.0	5.1	0.5	0.1	0.0	0.0	
-30	0.0	0.0	0.0	0.1	0.2	1.1	5.4	9.3	9.3	5.4	1.1	0.2	0.1	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.2	0.6	1.1	1.1	0.6	0.2	0.1	0.1	0.0	0.0	
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	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	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	
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

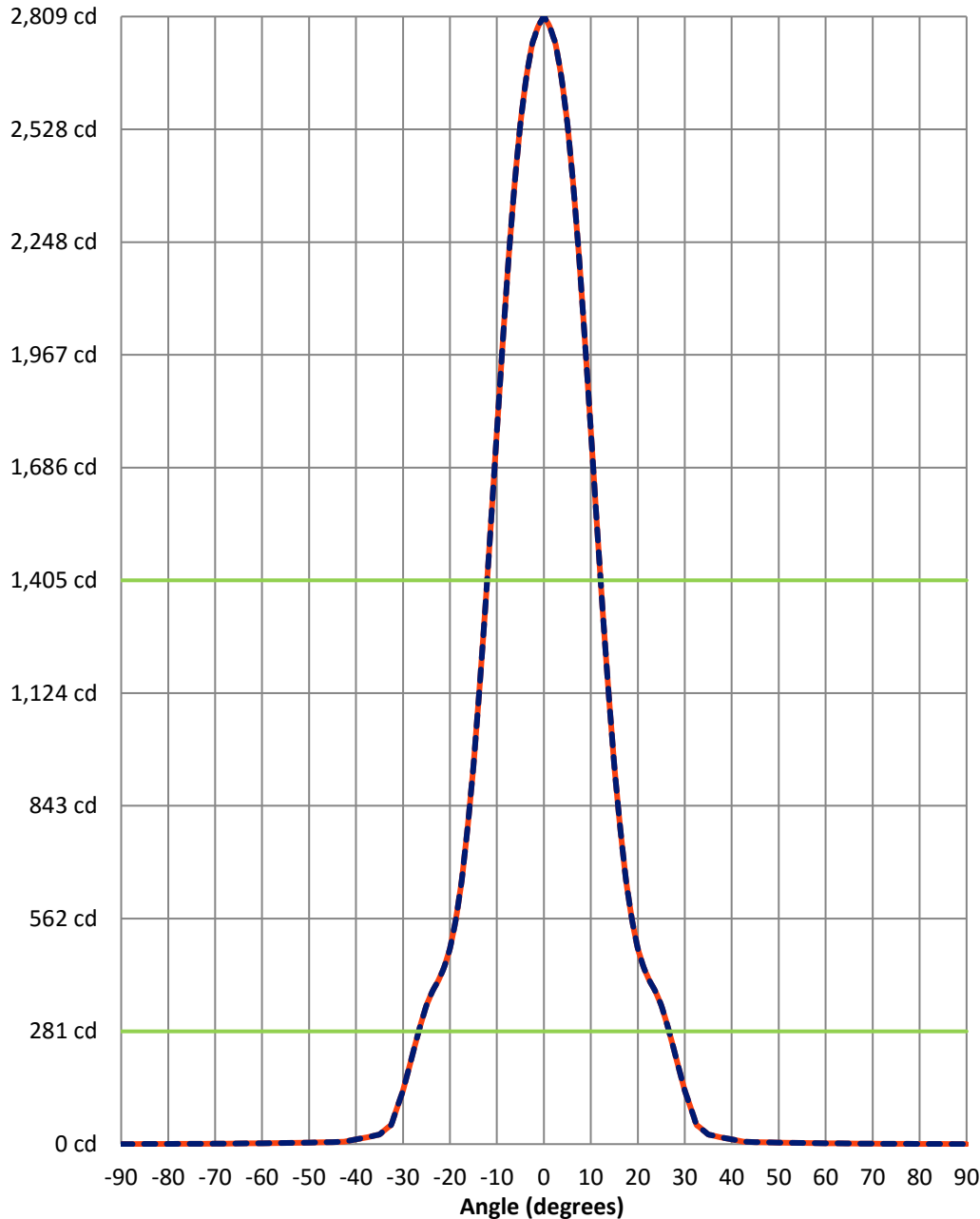
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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

Luminous Intensity Plot



Beam:
H Angle: 24.2°
V Angle: 24.2°
Lumens: 290
Efficiency: 43.7%

Field:
H Angle: 53.3°
V Angle: 53.3°
Lumens: 592.6
Efficiency: 89.3%

Spill:
Lumens: 70.8
Efficiency: 10.7%

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



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1
30°	0	0	0	0	0	0	0	0	0	0	1
28.75°	0	0	0	0	0	0	0	0	0	0	1
27.5°	0	0	0	0	0	0	0	0	0	0	1
26.25°	0	0	0	0	0	0	0	0	0	0	1
25°	0	0	0	0	0	0	0	0	0	0	1
23.75°	0	0	0	0	0	0	0	0	0	0	1
22.5°	0	0	0	0	0	0	0	0	0	0	1
21.25°	0	0	0	0	0	0	0	0	0	0	1
20°	0	0	0	0	0	0	0	0	0	0	1
18.75°	0	0	0	0	0	0	0	0	0	1	1
17.5°	0	0	0	0	0	0	0	0	0	1	1
16.25°	0	0	0	0	0	0	0	0	0	1	1
15°	0	0	0	0	0	0	0	0	0	1	1
13.75°	0	0	0	0	0	0	0	0	0	1	1
12.5°	0	0	0	0	0	0	0	0	0	1	1
11.25°	0	0	0	0	0	0	0	0	0	1	1
10°	0	0	0	0	0	0	0	0	0	1	1
8.75°	0	0	0	0	0	0	0	0	0	1	1
7.5°	0	0	0	0	0	0	0	0	0	1	1
6.25°	0	0	0	0	0	0	0	0	0	1	1
5°	0	0	0	0	0	0	0	0	0	1	1
3.75°	0	0	0	0	0	0	0	0	0	1	1
2.5°	0	0	0	0	0	0	0	0	0	1	1
1.25°	0	0	0	0	0	0	0	0	0	1	1
0°	0	0	0	0	0	0	0	0	0	1	1
-1.25°	0	0	0	0	0	0	0	0	0	1	1
-2.5°	0	0	0	0	0	0	0	0	0	1	1
-3.75°	0	0	0	0	0	0	0	0	0	1	1
-5°	0	0	0	0	0	0	0	0	0	1	1
-6.25°	0	0	0	0	0	0	0	0	0	1	1
-7.5°	0	0	0	0	0	0	0	0	0	1	1
-8.75°	0	0	0	0	0	0	0	0	0	1	1
-10°	0	0	0	0	0	0	0	0	0	1	1
-11.25°	0	0	0	0	0	0	0	0	0	1	1
-12.5°	0	0	0	0	0	0	0	0	0	1	1
-13.75°	0	0	0	0	0	0	0	0	0	1	1
-15°	0	0	0	0	0	0	0	0	0	1	1
-16.25°	0	0	0	0	0	0	0	0	0	1	1
-17.5°	0	0	0	0	0	0	0	0	0	1	1
-18.75°	0	0	0	0	0	0	0	0	0	1	1
-20°	0	0	0	0	0	0	0	0	0	0	1
-21.25°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1
-23.75°	0	0	0	0	0	0	0	0	0	0	1
-25°	0	0	0	0	0	0	0	0	0	0	1
-26.25°	0	0	0	0	0	0	0	0	0	0	1
-27.5°	0	0	0	0	0	0	0	0	0	0	1
-28.75°	0	0	0	0	0	0	0	0	0	0	1
-30°	0	0	0	0	0	0	0	0	0	0	1
-31.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1
63.75°	0	0	0	0	0	0	0	0	0	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	0	1	1	1	1	1
56.25°	0	0	0	0	0	1	1	1	1	1	1
55°	0	0	0	0	0	1	1	1	1	1	1
53.75°	0	0	0	0	1	1	1	1	1	1	1
52.5°	0	0	0	0	1	1	1	1	1	1	1
51.25°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
48.75°	0	0	1	1	1	1	1	1	1	1	1
47.5°	0	0	1	1	1	1	1	1	1	1	1
46.25°	0	0	1	1	1	1	1	1	1	1	1
45°	0	0	1	1	1	1	1	1	1	1	1
43.75°	0	1	1	1	1	1	1	1	1	1	1
42.5°	0	1	1	1	1	1	1	1	1	1	1
41.25°	0	1	1	1	1	1	1	1	1	1	1
40°	0	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	1	1	1	1	1	1	1	1	1	1	1
36.25°	1	1	1	1	1	1	1	1	1	1	1
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	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°	1	1	1	1	1	1	1	1	1	1	1
28.75°	1	1	1	1	1	1	1	1	1	1	1
27.5°	1	1	1	1	1	1	1	1	1	1	1
26.25°	1	1	1	1	1	1	1	1	1	1	1
25°	1	1	1	1	1	1	1	1	1	1	1
23.75°	1	1	1	1	1	1	1	1	1	1	1
22.5°	1	1	1	1	1	1	1	1	1	1	1
21.25°	1	1	1	1	1	1	1	1	1	1	1
20°	1	1	1	1	1	1	1	1	1	1	2
18.75°	1	1	1	1	1	1	1	1	1	1	2
17.5°	1	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°	1	1	1	1	1	1	1	1	1	1	2
-18.75°	1	1	1	1	1	1	1	1	1	1	2
-20°	1	1	1	1	1	1	1	1	1	1	2
-21.25°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	1	1	1	1	1	1	1	1	1
-23.75°	1	1	1	1	1	1	1	1	1	1	1
-25°	1	1	1	1	1	1	1	1	1	1	1
-26.25°	1	1	1	1	1	1	1	1	1	1	1
-27.5°	1	1	1	1	1	1	1	1	1	1	1
-28.75°	1	1	1	1	1	1	1	1	1	1	1
-30°	1	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	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	0	1	1	1	1	1	1	1	1	1	1
-41.25°	0	1	1	1	1	1	1	1	1	1	1
-42.5°	0	1	1	1	1	1	1	1	1	1	1
-43.75°	0	1	1	1	1	1	1	1	1	1	1
-45°	0	0	1	1	1	1	1	1	1	1	1
-46.25°	0	0	1	1	1	1	1	1	1	1	1
-47.5°	0	0	1	1	1	1	1	1	1	1	1
-48.75°	0	0	1	1	1	1	1	1	1	1	1
-50°	0	0	0	1	1	1	1	1	1	1	1
-51.25°	0	0	0	1	1	1	1	1	1	1	1
-52.5°	0	0	0	0	1	1	1	1	1	1	1
-53.75°	0	0	0	0	1	1	1	1	1	1	1
-55°	0	0	0	0	0	1	1	1	1	1	1
-56.25°	0	0	0	0	0	1	1	1	1	1	1
-57.5°	0	0	0	0	0	0	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	1	1
-65°	0	0	0	0	0	0	0	0	0	0	1
-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1	1
71.25°	0	0	0	0	0	0	0	1	1	1	1
70°	0	0	0	0	0	1	1	1	1	1	1
68.75°	0	0	0	1	1	1	1	1	1	1	1
67.5°	0	0	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	3
31.25°	1	1	2	2	2	2	2	2	2	2	3
30°	1	2	2	2	2	2	2	2	2	3	3
28.75°	1	2	2	2	2	2	2	2	2	3	3
27.5°	1	2	2	2	2	2	2	2	3	3	3
26.25°	2	2	2	2	2	2	2	2	3	3	3
25°	2	2	2	2	2	2	2	2	3	3	3
23.75°	2	2	2	2	2	2	2	3	3	3	3
22.5°	2	2	2	2	2	2	2	3	3	3	3
21.25°	2	2	2	2	2	2	2	3	3	3	3
20°	2	2	2	2	2	2	3	3	3	3	3
18.75°	2	2	2	2	2	2	3	3	3	3	3
17.5°	2	2	2	2	2	2	3	3	3	3	3
16.25°	2	2	2	2	2	2	3	3	3	3	3
15°	2	2	2	2	2	2	3	3	3	3	3
13.75°	2	2	2	2	2	3	3	3	3	3	3
12.5°	2	2	2	2	2	3	3	3	3	3	4
11.25°	2	2	2	2	2	3	3	3	3	3	4
10°	2	2	2	2	2	3	3	3	3	3	4
8.75°	2	2	2	2	2	3	3	3	3	3	4
7.5°	2	2	2	2	2	3	3	3	3	3	4
6.25°	2	2	2	2	2	3	3	3	3	3	4
5°	2	2	2	2	2	3	3	3	3	3	4
3.75°	2	2	2	2	2	3	3	3	3	3	4
2.5°	2	2	2	2	2	3	3	3	3	3	4
1.25°	2	2	2	2	2	3	3	3	3	3	4
0°	2	2	2	2	3	3	3	3	3	4	4
-1.25°	2	2	2	2	2	3	3	3	3	3	4
-2.5°	2	2	2	2	2	3	3	3	3	3	4
-3.75°	2	2	2	2	2	3	3	3	3	3	4
-5°	2	2	2	2	2	3	3	3	3	3	4
-6.25°	2	2	2	2	2	3	3	3	3	3	4
-7.5°	2	2	2	2	2	3	3	3	3	3	4
-8.75°	2	2	2	2	2	3	3	3	3	3	4
-10°	2	2	2	2	2	3	3	3	3	3	4
-11.25°	2	2	2	2	2	3	3	3	3	3	4
-12.5°	2	2	2	2	2	3	3	3	3	3	4
-13.75°	2	2	2	2	2	3	3	3	3	3	3
-15°	2	2	2	2	2	2	3	3	3	3	3
-16.25°	2	2	2	2	2	2	3	3	3	3	3
-17.5°	2	2	2	2	2	2	3	3	3	3	3
-18.75°	2	2	2	2	2	2	3	3	3	3	3
-20°	2	2	2	2	2	2	3	3	3	3	3
-21.25°	2	2	2	2	2	2	2	3	3	3	3



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	3	3	3	3
-23.75°	2	2	2	2	2	2	2	3	3	3	3
-25°	2	2	2	2	2	2	2	2	3	3	3
-26.25°	2	2	2	2	2	2	2	2	3	3	3
-27.5°	1	2	2	2	2	2	2	2	3	3	3
-28.75°	1	2	2	2	2	2	2	2	2	3	3
-30°	1	2	2	2	2	2	2	2	2	3	3
-31.25°	1	1	2	2	2	2	2	2	2	2	3
-32.5°	1	1	2	2	2	2	2	2	2	2	3
-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°	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°	0	0	1	1	1	1	1	1	1	1	1
-68.75°	0	0	0	1	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	0	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1	1	1
75°	0	0	0	0	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	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	3
46.25°	2	2	2	2	2	2	2	2	3	3	3
45°	2	2	2	2	2	2	2	3	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	3
42.5°	2	2	2	2	2	3	3	3	3	3	3
41.25°	2	2	2	2	3	3	3	3	3	3	3
40°	2	2	2	3	3	3	3	3	3	3	3
38.75°	2	2	3	3	3	3	3	3	3	3	4
37.5°	2	2	3	3	3	3	3	3	3	4	4
36.25°	2	3	3	3	3	3	3	3	4	4	4
35°	3	3	3	3	3	3	3	4	4	4	4



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	3	3	3	3	3	3	3	4	4	4	4
32.5°	3	3	3	3	3	3	4	4	4	4	5
31.25°	3	3	3	3	3	4	4	4	4	5	5
30°	3	3	3	3	3	4	4	4	4	5	5
28.75°	3	3	3	3	4	4	4	4	5	5	5
27.5°	3	3	3	4	4	4	4	5	5	5	5
26.25°	3	3	3	4	4	4	4	5	5	5	6
25°	3	3	4	4	4	4	5	5	5	5	6
23.75°	3	3	4	4	4	4	5	5	5	6	6
22.5°	3	3	4	4	4	5	5	5	5	6	8
21.25°	3	4	4	4	4	5	5	5	6	7	9
20°	3	4	4	4	5	5	5	5	6	8	10
18.75°	3	4	4	4	5	5	5	6	6	9	11
17.5°	4	4	4	4	5	5	5	6	7	10	12
16.25°	4	4	4	5	5	5	5	6	8	11	13
15°	4	4	4	5	5	5	6	7	9	12	14
13.75°	4	4	4	5	5	5	6	7	10	13	15
12.5°	4	4	4	5	5	5	6	8	11	14	16
11.25°	4	4	5	5	5	6	6	9	12	14	17
10°	4	4	5	5	5	6	7	10	12	15	17
8.75°	4	4	5	5	5	6	7	10	13	15	18
7.5°	4	4	5	5	5	6	8	11	13	16	19
6.25°	4	4	5	5	5	6	8	11	14	16	19
5°	4	4	5	5	5	6	8	11	14	17	20
3.75°	4	4	5	5	5	6	9	12	14	17	20
2.5°	4	4	5	5	5	6	9	12	14	17	20
1.25°	4	4	5	5	5	6	9	12	15	17	21
0°	4	5	5	5	6	6	9	12	15	17	21
-1.25°	4	4	5	5	5	6	9	12	15	17	21
-2.5°	4	4	5	5	5	6	9	12	14	17	20
-3.75°	4	4	5	5	5	6	9	12	14	17	20
-5°	4	4	5	5	5	6	8	11	14	17	20
-6.25°	4	4	5	5	5	6	8	11	14	16	19
-7.5°	4	4	5	5	5	6	8	11	13	16	19
-8.75°	4	4	5	5	5	6	7	10	13	15	18
-10°	4	4	5	5	5	6	7	10	12	15	17
-11.25°	4	4	5	5	5	6	6	9	12	14	17
-12.5°	4	4	4	5	5	5	6	8	11	14	16
-13.75°	4	4	4	5	5	5	6	7	10	13	15
-15°	4	4	4	5	5	5	6	7	9	12	14
-16.25°	4	4	4	5	5	5	5	6	8	11	13
-17.5°	4	4	4	4	5	5	5	6	7	10	12
-18.75°	3	4	4	4	5	5	5	6	6	9	11
-20°	3	4	4	4	5	5	5	5	6	8	10
-21.25°	3	4	4	4	4	5	5	5	6	7	9



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	4	4	4	5	5	5	5	6	8
-23.75°	3	3	4	4	4	4	5	5	5	6	6
-25°	3	3	4	4	4	4	5	5	5	5	6
-26.25°	3	3	3	4	4	4	4	5	5	5	6
-27.5°	3	3	3	4	4	4	4	5	5	5	5
-28.75°	3	3	3	3	4	4	4	4	5	5	5
-30°	3	3	3	3	3	4	4	4	4	5	5
-31.25°	3	3	3	3	3	4	4	4	4	5	5
-32.5°	3	3	3	3	3	3	4	4	4	4	5
-33.75°	3	3	3	3	3	3	3	4	4	4	4
-35°	3	3	3	3	3	3	3	4	4	4	4
-36.25°	2	3	3	3	3	3	3	3	4	4	4
-37.5°	2	2	3	3	3	3	3	3	3	4	4
-38.75°	2	2	3	3	3	3	3	3	3	3	4
-40°	2	2	2	3	3	3	3	3	3	3	3
-41.25°	2	2	2	2	3	3	3	3	3	3	3
-42.5°	2	2	2	2	2	3	3	3	3	3	3
-43.75°	2	2	2	2	2	2	3	3	3	3	3
-45°	2	2	2	2	2	2	2	3	3	3	3
-46.25°	2	2	2	2	2	2	2	2	3	3	3
-47.5°	2	2	2	2	2	2	2	2	2	2	3
-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°	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	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	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	3	3
52.5°	2	2	2	2	2	2	3	3	3	3	3
51.25°	2	2	2	2	3	3	3	3	3	3	3
50°	2	2	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	4	4	4
45°	3	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	4	4	4	4	4	4
42.5°	3	3	3	4	4	4	4	4	4	4	5
41.25°	3	3	4	4	4	4	4	4	5	5	5
40°	4	4	4	4	4	4	5	5	5	5	5
38.75°	4	4	4	4	4	5	5	5	5	5	5
37.5°	4	4	4	5	5	5	5	5	5	6	6
36.25°	4	4	5	5	5	5	5	6	6	6	8
35°	4	5	5	5	5	5	6	6	7	9	10



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	5	5	5	5	5	6	6	8	9	11	12
32.5°	5	5	5	5	6	7	8	10	12	13	14
31.25°	5	5	5	6	7	9	10	12	14	15	17
30°	5	5	6	7	9	11	12	14	16	17	19
28.75°	5	6	7	9	11	12	14	16	18	20	22
27.5°	6	6	8	10	12	14	16	18	20	22	24
26.25°	6	8	10	12	14	16	18	20	22	26	33
25°	7	9	12	14	16	18	20	22	26	34	42
23.75°	9	11	13	15	17	20	22	26	34	43	56
22.5°	10	12	14	17	19	22	24	33	42	56	86
21.25°	11	14	16	18	21	24	31	41	53	84	114
20°	13	15	17	20	23	29	38	48	79	111	144
18.75°	14	16	19	21	25	35	45	70	103	137	178
17.5°	15	17	20	23	31	41	58	93	127	168	211
16.25°	16	18	22	26	36	47	78	114	154	199	244
15°	17	20	23	31	41	61	98	135	181	228	274
13.75°	18	21	24	35	46	78	116	159	207	256	301
12.5°	19	22	28	39	56	95	133	182	232	281	324
11.25°	20	23	32	43	70	110	153	203	255	303	345
10°	21	24	35	47	83	123	171	223	275	321	360
8.75°	22	27	38	54	95	136	188	241	292	337	374
7.5°	22	29	41	64	105	149	202	256	307	350	383
6.25°	23	31	43	72	113	161	215	270	319	360	390
5°	23	33	45	79	121	170	225	280	328	368	396
3.75°	24	34	46	84	126	178	233	288	336	375	401
2.5°	24	35	47	88	130	183	239	293	341	378	404
1.25°	24	36	48	90	133	187	243	297	345	380	406
0°	24	36	48	91	133	188	244	298	346	381	407
-1.25°	24	36	48	90	133	187	243	297	345	380	406
-2.5°	24	35	47	88	130	183	239	293	341	378	404
-3.75°	24	34	46	84	126	178	233	288	336	375	401
-5°	23	33	45	79	121	170	225	280	328	368	396
-6.25°	23	31	43	72	113	161	215	270	319	360	390
-7.5°	22	29	41	64	105	149	202	256	307	350	383
-8.75°	22	27	38	54	95	136	188	241	292	337	374
-10°	21	24	35	47	83	123	171	223	275	321	360
-11.25°	20	23	32	43	70	110	153	203	255	303	345
-12.5°	19	22	28	39	56	95	133	182	232	281	324
-13.75°	18	21	24	35	46	78	116	159	207	256	301
-15°	17	20	23	31	41	61	98	135	181	228	274
-16.25°	16	18	22	26	36	47	78	114	154	199	244
-17.5°	15	17	20	23	31	41	58	93	127	168	211
-18.75°	14	16	19	21	25	35	45	70	103	137	178
-20°	13	15	17	20	23	29	38	48	79	111	144
-21.25°	11	14	16	18	21	24	31	41	53	84	114



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	10	12	14	17	19	22	24	33	42	56	86
-23.75°	9	11	13	15	17	20	22	26	34	43	56
-25°	7	9	12	14	16	18	20	22	26	34	42
-26.25°	6	8	10	12	14	16	18	20	22	26	33
-27.5°	6	6	8	10	12	14	16	18	20	22	24
-28.75°	5	6	7	9	11	12	14	16	18	20	22
-30°	5	5	6	7	9	11	12	14	16	17	19
-31.25°	5	5	5	6	7	9	10	12	14	15	17
-32.5°	5	5	5	5	6	7	8	10	12	13	14
-33.75°	5	5	5	5	5	6	6	8	9	11	12
-35°	4	5	5	5	5	5	6	6	7	9	10
-36.25°	4	4	5	5	5	5	5	6	6	6	8
-37.5°	4	4	4	5	5	5	5	5	5	6	6
-38.75°	4	4	4	4	4	5	5	5	5	5	5
-40°	4	4	4	4	4	4	5	5	5	5	5
-41.25°	3	3	4	4	4	4	4	4	5	5	5
-42.5°	3	3	3	4	4	4	4	4	4	4	5
-43.75°	3	3	3	3	3	4	4	4	4	4	4
-45°	3	3	3	3	3	3	4	4	4	4	4
-46.25°	3	3	3	3	3	3	3	3	4	4	4
-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	3	3	3	3	3	3	3	3	3
-51.25°	2	2	2	2	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	2	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	3	3
-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°	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	1	1	1	1	1	1	1	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	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	3	3	3	3	3
55°	2	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	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	4	4	4	4
48.75°	3	3	3	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	5	5	5
45°	4	4	4	4	5	5	5	5	5	5	5
43.75°	4	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	6	6	6
41.25°	5	5	5	5	5	6	6	6	6	7	7
40°	5	5	6	6	6	7	7	8	9	10	10
38.75°	6	6	6	7	8	9	10	11	12	12	13
37.5°	7	8	9	10	11	12	13	14	14	15	15
36.25°	9	10	11	12	13	14	15	16	17	17	18
35°	11	13	14	15	16	17	18	19	20	21	22



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	14	15	16	17	18	20	21	22	23	24	27
32.5°	16	17	19	20	22	23	24	28	32	35	38
31.25°	18	20	21	23	26	31	35	39	43	47	54
30°	21	23	25	31	36	41	46	56	70	83	95
28.75°	24	29	35	41	47	61	78	95	110	123	136
27.5°	31	38	45	58	78	98	116	133	153	171	188
26.25°	41	48	70	93	114	135	159	182	203	223	241
25°	53	79	103	127	154	181	207	232	255	275	292
23.75°	84	111	137	168	199	228	256	281	303	321	337
22.5°	114	144	178	211	244	274	301	324	345	360	374
21.25°	146	183	219	255	287	316	341	360	377	388	398
20°	183	222	260	294	325	351	372	387	400	412	424
18.75°	219	260	297	330	357	379	394	409	424	442	462
17.5°	255	294	330	359	382	399	415	435	459	484	514
16.25°	287	325	357	382	400	418	442	471	504	540	583
15°	316	351	379	399	418	444	478	517	564	615	673
13.75°	341	372	394	415	442	478	522	576	639	707	786
12.5°	360	387	409	435	471	517	576	647	729	820	914
11.25°	377	400	424	459	504	564	639	729	833	941	1057
10°	388	412	442	484	540	615	707	820	941	1073	1205
8.75°	398	424	462	514	583	673	786	914	1057	1205	1357
7.5°	407	438	481	541	625	731	862	1008	1168	1335	1505
6.25°	415	450	502	572	667	790	932	1096	1272	1457	1643
5°	423	463	520	599	703	841	998	1176	1366	1565	1764
3.75°	430	474	535	622	739	885	1053	1240	1443	1654	1864
2.5°	435	481	547	641	765	916	1093	1290	1502	1721	1939
1.25°	438	486	555	652	781	935	1119	1321	1538	1763	1985
0°	439	487	558	656	786	942	1128	1332	1551	1777	2000
-1.25°	438	486	555	652	781	935	1119	1321	1538	1763	1985
-2.5°	435	481	547	641	765	916	1093	1290	1502	1721	1939
-3.75°	430	474	535	622	739	885	1053	1240	1443	1654	1864
-5°	423	463	520	599	703	841	998	1176	1366	1565	1764
-6.25°	415	450	502	572	667	790	932	1096	1272	1457	1643
-7.5°	407	438	481	541	625	731	862	1008	1168	1335	1505
-8.75°	398	424	462	514	583	673	786	914	1057	1205	1357
-10°	388	412	442	484	540	615	707	820	941	1073	1205
-11.25°	377	400	424	459	504	564	639	729	833	941	1057
-12.5°	360	387	409	435	471	517	576	647	729	820	914
-13.75°	341	372	394	415	442	478	522	576	639	707	786
-15°	316	351	379	399	418	444	478	517	564	615	673
-16.25°	287	325	357	382	400	418	442	471	504	540	583
-17.5°	255	294	330	359	382	399	415	435	459	484	514
-18.75°	219	260	297	330	357	379	394	409	424	442	462
-20°	183	222	260	294	325	351	372	387	400	412	424
-21.25°	146	183	219	255	287	316	341	360	377	388	398



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	114	144	178	211	244	274	301	324	345	360	374
-23.75°	84	111	137	168	199	228	256	281	303	321	337
-25°	53	79	103	127	154	181	207	232	255	275	292
-26.25°	41	48	70	93	114	135	159	182	203	223	241
-27.5°	31	38	45	58	78	98	116	133	153	171	188
-28.75°	24	29	35	41	47	61	78	95	110	123	136
-30°	21	23	25	31	36	41	46	56	70	83	95
-31.25°	18	20	21	23	26	31	35	39	43	47	54
-32.5°	16	17	19	20	22	23	24	28	32	35	38
-33.75°	14	15	16	17	18	20	21	22	23	24	27
-35°	11	13	14	15	16	17	18	19	20	21	22
-36.25°	9	10	11	12	13	14	15	16	17	17	18
-37.5°	7	8	9	10	11	12	13	14	14	15	15
-38.75°	6	6	6	7	8	9	10	11	12	12	13
-40°	5	5	6	6	6	7	7	8	9	10	10
-41.25°	5	5	5	5	5	6	6	6	6	7	7
-42.5°	5	5	5	5	5	5	5	5	6	6	6
-43.75°	4	5	5	5	5	5	5	5	5	5	5
-45°	4	4	4	4	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	5	5	5
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	3	3	3	4	4	4	4	4	4	4	4
-50°	3	3	3	3	3	3	3	4	4	4	4
-51.25°	3	3	3	3	3	3	3	3	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	3	3
-55°	2	3	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	3	3	3	3	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°	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°	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1	1	1	1	1	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	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	3	2	2	2	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°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	4	3	3	3	3
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	5	4	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	6	5	5	5	5
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	8	8	8	9	9	9	9	9	9	9	8
40°	11	11	11	12	12	12	12	12	12	12	11
38.75°	13	14	14	14	14	15	15	15	14	14	14
37.5°	16	16	17	17	17	17	17	17	17	17	17
36.25°	19	19	20	20	20	21	21	21	20	20	20
35°	22	23	23	24	24	24	24	24	24	24	23



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	29	31	33	34	35	36	36	36	35	34	33
32.5°	41	43	45	46	47	48	48	48	47	46	45
31.25°	64	72	79	84	88	90	91	90	88	84	79
30°	105	113	121	126	130	133	133	133	130	126	121
28.75°	149	161	170	178	183	187	188	187	183	178	170
27.5°	202	215	225	233	239	243	244	243	239	233	225
26.25°	256	270	280	288	293	297	298	297	293	288	280
25°	307	319	328	336	341	345	346	345	341	336	328
23.75°	350	360	368	375	378	380	381	380	378	375	368
22.5°	383	390	396	401	404	406	407	406	404	401	396
21.25°	407	415	423	430	435	438	439	438	435	430	423
20°	438	450	463	474	481	486	487	486	481	474	463
18.75°	481	502	520	535	547	555	558	555	547	535	520
17.5°	541	572	599	622	641	652	656	652	641	622	599
16.25°	625	667	703	739	765	781	786	781	765	739	703
15°	731	790	841	885	916	935	942	935	916	885	841
13.75°	862	932	998	1053	1093	1119	1128	1119	1093	1053	998
12.5°	1008	1096	1176	1240	1290	1321	1332	1321	1290	1240	1176
11.25°	1168	1272	1366	1443	1502	1538	1551	1538	1502	1443	1366
10°	1335	1457	1565	1654	1721	1763	1777	1763	1721	1654	1565
8.75°	1505	1643	1764	1864	1939	1985	2000	1985	1939	1864	1764
7.5°	1669	1822	1956	2064	2145	2193	2209	2193	2145	2064	1956
6.25°	1822	1986	2130	2243	2325	2375	2392	2375	2325	2243	2130
5°	1956	2130	2277	2392	2474	2525	2543	2525	2474	2392	2277
3.75°	2064	2243	2392	2508	2591	2643	2659	2643	2591	2508	2392
2.5°	2145	2325	2474	2591	2676	2727	2740	2727	2676	2591	2474
1.25°	2193	2375	2525	2643	2727	2770	2785	2770	2727	2643	2525
0°	2209	2392	2543	2659	2740	2785	2809	2785	2740	2659	2543
-1.25°	2193	2375	2525	2643	2727	2770	2785	2770	2727	2643	2525
-2.5°	2145	2325	2474	2591	2676	2727	2740	2727	2676	2591	2474
-3.75°	2064	2243	2392	2508	2591	2643	2659	2643	2591	2508	2392
-5°	1956	2130	2277	2392	2474	2525	2543	2525	2474	2392	2277
-6.25°	1822	1986	2130	2243	2325	2375	2392	2375	2325	2243	2130
-7.5°	1669	1822	1956	2064	2145	2193	2209	2193	2145	2064	1956
-8.75°	1505	1643	1764	1864	1939	1985	2000	1985	1939	1864	1764
-10°	1335	1457	1565	1654	1721	1763	1777	1763	1721	1654	1565
-11.25°	1168	1272	1366	1443	1502	1538	1551	1538	1502	1443	1366
-12.5°	1008	1096	1176	1240	1290	1321	1332	1321	1290	1240	1176
-13.75°	862	932	998	1053	1093	1119	1128	1119	1093	1053	998
-15°	731	790	841	885	916	935	942	935	916	885	841
-16.25°	625	667	703	739	765	781	786	781	765	739	703
-17.5°	541	572	599	622	641	652	656	652	641	622	599
-18.75°	481	502	520	535	547	555	558	555	547	535	520
-20°	438	450	463	474	481	486	487	486	481	474	463
-21.25°	407	415	423	430	435	438	439	438	435	430	423



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	383	390	396	401	404	406	407	406	404	401	396
-23.75°	350	360	368	375	378	380	381	380	378	375	368
-25°	307	319	328	336	341	345	346	345	341	336	328
-26.25°	256	270	280	288	293	297	298	297	293	288	280
-27.5°	202	215	225	233	239	243	244	243	239	233	225
-28.75°	149	161	170	178	183	187	188	187	183	178	170
-30°	105	113	121	126	130	133	133	133	130	126	121
-31.25°	64	72	79	84	88	90	91	90	88	84	79
-32.5°	41	43	45	46	47	48	48	48	47	46	45
-33.75°	29	31	33	34	35	36	36	36	35	34	33
-35°	22	23	23	24	24	24	24	24	24	24	23
-36.25°	19	19	20	20	20	21	21	21	20	20	20
-37.5°	16	16	17	17	17	17	17	17	17	17	17
-38.75°	13	14	14	14	14	15	15	15	14	14	14
-40°	11	11	11	12	12	12	12	12	12	12	11
-41.25°	8	8	8	9	9	9	9	9	9	9	8
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	5	5	5	5	5	5	6	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	4	5	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	3	3	3	3	3	3	4	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	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	2	2	2	3	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°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	1	1	1	1	1	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	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°	3	3	3	3	3	3	3	2	2	2	2
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	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	4	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	4	4	4	3
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	4	4	4	4	4	4
45°	5	5	5	5	5	5	5	5	5	4	4
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	6	6	5	5	5	5	5	5
41.25°	8	8	7	7	6	6	6	6	5	5	5
40°	11	11	10	10	9	8	7	7	6	6	6
38.75°	14	13	13	12	12	11	10	9	8	7	6
37.5°	16	16	15	15	14	14	13	12	11	10	9
36.25°	19	19	18	17	17	16	15	14	13	12	11
35°	23	22	22	21	20	19	18	17	16	15	14



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	31	29	27	24	23	22	21	20	18	17	16
32.5°	43	41	38	35	32	28	24	23	22	20	19
31.25°	72	64	54	47	43	39	35	31	26	23	21
30°	113	105	95	83	70	56	46	41	36	31	25
28.75°	161	149	136	123	110	95	78	61	47	41	35
27.5°	215	202	188	171	153	133	116	98	78	58	45
26.25°	270	256	241	223	203	182	159	135	114	93	70
25°	319	307	292	275	255	232	207	181	154	127	103
23.75°	360	350	337	321	303	281	256	228	199	168	137
22.5°	390	383	374	360	345	324	301	274	244	211	178
21.25°	415	407	398	388	377	360	341	316	287	255	219
20°	450	438	424	412	400	387	372	351	325	294	260
18.75°	502	481	462	442	424	409	394	379	357	330	297
17.5°	572	541	514	484	459	435	415	399	382	359	330
16.25°	667	625	583	540	504	471	442	418	400	382	357
15°	790	731	673	615	564	517	478	444	418	399	379
13.75°	932	862	786	707	639	576	522	478	442	415	394
12.5°	1096	1008	914	820	729	647	576	517	471	435	409
11.25°	1272	1168	1057	941	833	729	639	564	504	459	424
10°	1457	1335	1205	1073	941	820	707	615	540	484	442
8.75°	1643	1505	1357	1205	1057	914	786	673	583	514	462
7.5°	1822	1669	1505	1335	1168	1008	862	731	625	541	481
6.25°	1986	1822	1643	1457	1272	1096	932	790	667	572	502
5°	2130	1956	1764	1565	1366	1176	998	841	703	599	520
3.75°	2243	2064	1864	1654	1443	1240	1053	885	739	622	535
2.5°	2325	2145	1939	1721	1502	1290	1093	916	765	641	547
1.25°	2375	2193	1985	1763	1538	1321	1119	935	781	652	555
0°	2392	2209	2000	1777	1551	1332	1128	942	786	656	558
-1.25°	2375	2193	1985	1763	1538	1321	1119	935	781	652	555
-2.5°	2325	2145	1939	1721	1502	1290	1093	916	765	641	547
-3.75°	2243	2064	1864	1654	1443	1240	1053	885	739	622	535
-5°	2130	1956	1764	1565	1366	1176	998	841	703	599	520
-6.25°	1986	1822	1643	1457	1272	1096	932	790	667	572	502
-7.5°	1822	1669	1505	1335	1168	1008	862	731	625	541	481
-8.75°	1643	1505	1357	1205	1057	914	786	673	583	514	462
-10°	1457	1335	1205	1073	941	820	707	615	540	484	442
-11.25°	1272	1168	1057	941	833	729	639	564	504	459	424
-12.5°	1096	1008	914	820	729	647	576	517	471	435	409
-13.75°	932	862	786	707	639	576	522	478	442	415	394
-15°	790	731	673	615	564	517	478	444	418	399	379
-16.25°	667	625	583	540	504	471	442	418	400	382	357
-17.5°	572	541	514	484	459	435	415	399	382	359	330
-18.75°	502	481	462	442	424	409	394	379	357	330	297
-20°	450	438	424	412	400	387	372	351	325	294	260
-21.25°	415	407	398	388	377	360	341	316	287	255	219



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	390	383	374	360	345	324	301	274	244	211	178
-23.75°	360	350	337	321	303	281	256	228	199	168	137
-25°	319	307	292	275	255	232	207	181	154	127	103
-26.25°	270	256	241	223	203	182	159	135	114	93	70
-27.5°	215	202	188	171	153	133	116	98	78	58	45
-28.75°	161	149	136	123	110	95	78	61	47	41	35
-30°	113	105	95	83	70	56	46	41	36	31	25
-31.25°	72	64	54	47	43	39	35	31	26	23	21
-32.5°	43	41	38	35	32	28	24	23	22	20	19
-33.75°	31	29	27	24	23	22	21	20	18	17	16
-35°	23	22	22	21	20	19	18	17	16	15	14
-36.25°	19	19	18	17	17	16	15	14	13	12	11
-37.5°	16	16	15	15	14	14	13	12	11	10	9
-38.75°	14	13	13	12	12	11	10	9	8	7	6
-40°	11	11	10	10	9	8	7	7	6	6	6
-41.25°	8	8	7	7	6	6	6	6	5	5	5
-42.5°	6	6	6	6	6	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	4	4
-46.25°	5	5	5	5	5	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	3
-50°	4	4	4	4	4	4	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	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	1	1	1	1	1	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	1	1	1	1	1	1	1	1	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°	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°	3	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	3	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	2	2	2	2
51.25°	3	3	3	3	3	3	3	3	3	2	2
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°	4	4	3	3	3	3	3	3	3	3	3
46.25°	4	4	4	4	4	3	3	3	3	3	3
45°	4	4	4	4	4	4	4	3	3	3	3
43.75°	5	4	4	4	4	4	4	4	3	3	3
42.5°	5	5	5	4	4	4	4	4	4	4	3
41.25°	5	5	5	5	5	4	4	4	4	4	4
40°	5	5	5	5	5	5	5	4	4	4	4
38.75°	6	6	5	5	5	5	5	5	4	4	4
37.5°	8	7	6	6	5	5	5	5	5	5	4
36.25°	10	9	8	6	6	6	5	5	5	5	5
35°	13	11	10	9	7	6	6	5	5	5	5



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	15	14	12	11	9	8	6	6	5	5	5
32.5°	17	16	14	13	12	10	8	7	6	5	5
31.25°	20	18	17	15	14	12	10	9	7	6	5
30°	23	21	19	17	16	14	12	11	9	7	6
28.75°	29	24	22	20	18	16	14	12	11	9	7
27.5°	38	31	24	22	20	18	16	14	12	10	8
26.25°	48	41	33	26	22	20	18	16	14	12	10
25°	79	53	42	34	26	22	20	18	16	14	12
23.75°	111	84	56	43	34	26	22	20	17	15	13
22.5°	144	114	86	56	42	33	24	22	19	17	14
21.25°	183	146	114	84	53	41	31	24	21	18	16
20°	222	183	144	111	79	48	38	29	23	20	17
18.75°	260	219	178	137	103	70	45	35	25	21	19
17.5°	294	255	211	168	127	93	58	41	31	23	20
16.25°	325	287	244	199	154	114	78	47	36	26	22
15°	351	316	274	228	181	135	98	61	41	31	23
13.75°	372	341	301	256	207	159	116	78	46	35	24
12.5°	387	360	324	281	232	182	133	95	56	39	28
11.25°	400	377	345	303	255	203	153	110	70	43	32
10°	412	388	360	321	275	223	171	123	83	47	35
8.75°	424	398	374	337	292	241	188	136	95	54	38
7.5°	438	407	383	350	307	256	202	149	105	64	41
6.25°	450	415	390	360	319	270	215	161	113	72	43
5°	463	423	396	368	328	280	225	170	121	79	45
3.75°	474	430	401	375	336	288	233	178	126	84	46
2.5°	481	435	404	378	341	293	239	183	130	88	47
1.25°	486	438	406	380	345	297	243	187	133	90	48
0°	487	439	407	381	346	298	244	188	133	91	48
-1.25°	486	438	406	380	345	297	243	187	133	90	48
-2.5°	481	435	404	378	341	293	239	183	130	88	47
-3.75°	474	430	401	375	336	288	233	178	126	84	46
-5°	463	423	396	368	328	280	225	170	121	79	45
-6.25°	450	415	390	360	319	270	215	161	113	72	43
-7.5°	438	407	383	350	307	256	202	149	105	64	41
-8.75°	424	398	374	337	292	241	188	136	95	54	38
-10°	412	388	360	321	275	223	171	123	83	47	35
-11.25°	400	377	345	303	255	203	153	110	70	43	32
-12.5°	387	360	324	281	232	182	133	95	56	39	28
-13.75°	372	341	301	256	207	159	116	78	46	35	24
-15°	351	316	274	228	181	135	98	61	41	31	23
-16.25°	325	287	244	199	154	114	78	47	36	26	22
-17.5°	294	255	211	168	127	93	58	41	31	23	20
-18.75°	260	219	178	137	103	70	45	35	25	21	19
-20°	222	183	144	111	79	48	38	29	23	20	17
-21.25°	183	146	114	84	53	41	31	24	21	18	16



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	144	114	86	56	42	33	24	22	19	17	14
-23.75°	111	84	56	43	34	26	22	20	17	15	13
-25°	79	53	42	34	26	22	20	18	16	14	12
-26.25°	48	41	33	26	22	20	18	16	14	12	10
-27.5°	38	31	24	22	20	18	16	14	12	10	8
-28.75°	29	24	22	20	18	16	14	12	11	9	7
-30°	23	21	19	17	16	14	12	11	9	7	6
-31.25°	20	18	17	15	14	12	10	9	7	6	5
-32.5°	17	16	14	13	12	10	8	7	6	5	5
-33.75°	15	14	12	11	9	8	6	6	5	5	5
-35°	13	11	10	9	7	6	6	5	5	5	5
-36.25°	10	9	8	6	6	6	5	5	5	5	5
-37.5°	8	7	6	6	5	5	5	5	5	5	4
-38.75°	6	6	5	5	5	5	5	5	4	4	4
-40°	5	5	5	5	5	5	5	4	4	4	4
-41.25°	5	5	5	5	5	4	4	4	4	4	4
-42.5°	5	5	5	4	4	4	4	4	4	4	3
-43.75°	5	4	4	4	4	4	4	4	3	3	3
-45°	4	4	4	4	4	4	4	3	3	3	3
-46.25°	4	4	4	4	4	3	3	3	3	3	3
-47.5°	4	4	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	2	2
-52.5°	3	3	3	3	3	3	3	2	2	2	2
-53.75°	3	3	3	3	2	2	2	2	2	2	2
-55°	3	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	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	0



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	1	1	1	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	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°	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°	3	3	2	2	2	2	2	2	2	2	2
47.5°	3	3	3	2	2	2	2	2	2	2	2
46.25°	3	3	3	3	3	2	2	2	2	2	2
45°	3	3	3	3	3	3	2	2	2	2	2
43.75°	3	3	3	3	3	3	3	2	2	2	2
42.5°	3	3	3	3	3	3	3	3	2	2	2
41.25°	3	3	3	3	3	3	3	3	3	2	2
40°	4	4	3	3	3	3	3	3	3	3	2
38.75°	4	4	4	3	3	3	3	3	3	3	3
37.5°	4	4	4	4	3	3	3	3	3	3	3
36.25°	4	4	4	4	4	3	3	3	3	3	3
35°	5	4	4	4	4	4	3	3	3	3	3



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	5	5	4	4	4	4	3	3	3	3	3
32.5°	5	5	5	4	4	4	4	3	3	3	3
31.25°	5	5	5	5	4	4	4	4	3	3	3
30°	5	5	5	5	4	4	4	4	3	3	3
28.75°	6	5	5	5	5	4	4	4	4	3	3
27.5°	6	6	5	5	5	5	4	4	4	4	3
26.25°	8	6	6	5	5	5	4	4	4	4	3
25°	9	7	6	5	5	5	5	4	4	4	4
23.75°	11	9	6	6	5	5	5	4	4	4	4
22.5°	12	10	8	6	5	5	5	5	4	4	4
21.25°	14	11	9	7	6	5	5	5	4	4	4
20°	15	13	10	8	6	5	5	5	5	4	4
18.75°	16	14	11	9	6	6	5	5	5	4	4
17.5°	17	15	12	10	7	6	5	5	5	4	4
16.25°	18	16	13	11	8	6	5	5	5	5	4
15°	20	17	14	12	9	7	6	5	5	5	4
13.75°	21	18	15	13	10	7	6	5	5	5	4
12.5°	22	19	16	14	11	8	6	5	5	5	4
11.25°	23	20	17	14	12	9	6	6	5	5	5
10°	24	21	17	15	12	10	7	6	5	5	5
8.75°	27	22	18	15	13	10	7	6	5	5	5
7.5°	29	22	19	16	13	11	8	6	5	5	5
6.25°	31	23	19	16	14	11	8	6	5	5	5
5°	33	23	20	17	14	11	8	6	5	5	5
3.75°	34	24	20	17	14	12	9	6	5	5	5
2.5°	35	24	20	17	14	12	9	6	5	5	5
1.25°	36	24	21	17	15	12	9	6	5	5	5
0°	36	24	21	17	15	12	9	6	6	5	5
-1.25°	36	24	21	17	15	12	9	6	5	5	5
-2.5°	35	24	20	17	14	12	9	6	5	5	5
-3.75°	34	24	20	17	14	12	9	6	5	5	5
-5°	33	23	20	17	14	11	8	6	5	5	5
-6.25°	31	23	19	16	14	11	8	6	5	5	5
-7.5°	29	22	19	16	13	11	8	6	5	5	5
-8.75°	27	22	18	15	13	10	7	6	5	5	5
-10°	24	21	17	15	12	10	7	6	5	5	5
-11.25°	23	20	17	14	12	9	6	6	5	5	5
-12.5°	22	19	16	14	11	8	6	5	5	5	4
-13.75°	21	18	15	13	10	7	6	5	5	5	4
-15°	20	17	14	12	9	7	6	5	5	5	4
-16.25°	18	16	13	11	8	6	5	5	5	5	4
-17.5°	17	15	12	10	7	6	5	5	5	4	4
-18.75°	16	14	11	9	6	6	5	5	5	4	4
-20°	15	13	10	8	6	5	5	5	5	4	4
-21.25°	14	11	9	7	6	5	5	5	4	4	4



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	12	10	8	6	5	5	5	5	4	4	4
-23.75°	11	9	6	6	5	5	5	4	4	4	4
-25°	9	7	6	5	5	5	5	4	4	4	4
-26.25°	8	6	6	5	5	5	4	4	4	4	3
-27.5°	6	6	5	5	5	5	4	4	4	4	3
-28.75°	6	5	5	5	5	4	4	4	4	3	3
-30°	5	5	5	5	4	4	4	4	3	3	3
-31.25°	5	5	5	5	4	4	4	4	3	3	3
-32.5°	5	5	5	4	4	4	4	3	3	3	3
-33.75°	5	5	4	4	4	4	3	3	3	3	3
-35°	5	4	4	4	4	4	3	3	3	3	3
-36.25°	4	4	4	4	4	3	3	3	3	3	3
-37.5°	4	4	4	4	3	3	3	3	3	3	3
-38.75°	4	4	4	3	3	3	3	3	3	3	3
-40°	4	4	3	3	3	3	3	3	3	3	2
-41.25°	3	3	3	3	3	3	3	3	3	2	2
-42.5°	3	3	3	3	3	3	3	3	2	2	2
-43.75°	3	3	3	3	3	3	3	2	2	2	2
-45°	3	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	3	2	2	2	2	2	2
-47.5°	3	3	3	2	2	2	2	2	2	2	2
-48.75°	3	3	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	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	0	0
-76.25°	1	1	1	1	1	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	0	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	1	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	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°	3	2	2	2	2	2	2	2	2	2	1
35°	3	3	2	2	2	2	2	2	2	2	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	3	3	2	2	2	2	2	2	2	2	2
32.5°	3	3	3	2	2	2	2	2	2	2	2
31.25°	3	3	3	2	2	2	2	2	2	2	2
30°	3	3	3	3	2	2	2	2	2	2	2
28.75°	3	3	3	3	2	2	2	2	2	2	2
27.5°	3	3	3	3	3	2	2	2	2	2	2
26.25°	3	3	3	3	3	2	2	2	2	2	2
25°	3	3	3	3	3	2	2	2	2	2	2
23.75°	3	3	3	3	3	3	2	2	2	2	2
22.5°	3	3	3	3	3	3	2	2	2	2	2
21.25°	4	3	3	3	3	3	2	2	2	2	2
20°	4	3	3	3	3	3	3	2	2	2	2
18.75°	4	3	3	3	3	3	3	2	2	2	2
17.5°	4	4	3	3	3	3	3	2	2	2	2
16.25°	4	4	3	3	3	3	3	2	2	2	2
15°	4	4	3	3	3	3	3	2	2	2	2
13.75°	4	4	3	3	3	3	3	3	2	2	2
12.5°	4	4	4	3	3	3	3	3	2	2	2
11.25°	4	4	4	3	3	3	3	3	2	2	2
10°	4	4	4	3	3	3	3	3	2	2	2
8.75°	4	4	4	3	3	3	3	3	2	2	2
7.5°	4	4	4	3	3	3	3	3	2	2	2
6.25°	4	4	4	3	3	3	3	3	2	2	2
5°	4	4	4	3	3	3	3	3	2	2	2
3.75°	4	4	4	3	3	3	3	3	2	2	2
2.5°	4	4	4	3	3	3	3	3	2	2	2
1.25°	4	4	4	3	3	3	3	3	2	2	2
0°	5	4	4	4	3	3	3	3	3	2	2
-1.25°	4	4	4	3	3	3	3	3	2	2	2
-2.5°	4	4	4	3	3	3	3	3	2	2	2
-3.75°	4	4	4	3	3	3	3	3	2	2	2
-5°	4	4	4	3	3	3	3	3	2	2	2
-6.25°	4	4	4	3	3	3	3	3	2	2	2
-7.5°	4	4	4	3	3	3	3	3	2	2	2
-8.75°	4	4	4	3	3	3	3	3	2	2	2
-10°	4	4	4	3	3	3	3	3	2	2	2
-11.25°	4	4	4	3	3	3	3	3	2	2	2
-12.5°	4	4	4	3	3	3	3	3	2	2	2
-13.75°	4	4	3	3	3	3	3	3	2	2	2
-15°	4	4	3	3	3	3	3	2	2	2	2
-16.25°	4	4	3	3	3	3	3	2	2	2	2
-17.5°	4	4	3	3	3	3	3	2	2	2	2
-18.75°	4	3	3	3	3	3	3	2	2	2	2
-20°	4	3	3	3	3	3	3	2	2	2	2
-21.25°	4	3	3	3	3	3	2	2	2	2	2



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	3	3	3	3	2	2	2	2	2
-23.75°	3	3	3	3	3	3	2	2	2	2	2
-25°	3	3	3	3	3	2	2	2	2	2	2
-26.25°	3	3	3	3	3	2	2	2	2	2	2
-27.5°	3	3	3	3	3	2	2	2	2	2	2
-28.75°	3	3	3	3	2	2	2	2	2	2	2
-30°	3	3	3	3	2	2	2	2	2	2	2
-31.25°	3	3	3	2	2	2	2	2	2	2	2
-32.5°	3	3	3	2	2	2	2	2	2	2	2
-33.75°	3	3	2	2	2	2	2	2	2	2	2
-35°	3	3	2	2	2	2	2	2	2	2	1
-36.25°	3	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	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	0
-70°	1	1	1	1	1	1	1	1	0	0	0
-71.25°	1	1	1	1	1	1	0	0	0	0	0
-72.5°	1	1	1	1	0	0	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	0	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	0	0	0	0	0
63.75°	1	1	1	1	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
56.25°	1	1	1	1	1	1	1	1	0	0	0
55°	1	1	1	1	1	1	1	1	0	0	0
53.75°	1	1	1	1	1	1	1	1	1	0	0
52.5°	1	1	1	1	1	1	1	1	1	0	0
51.25°	1	1	1	1	1	1	1	1	1	1	0
50°	1	1	1	1	1	1	1	1	1	1	0
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	1	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	1	1	1	1	1	1	1	1	1	1	1
36.25°	1	1	1	1	1	1	1	1	1	1	1
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	0
-51.25°	1	1	1	1	1	1	1	1	1	1	0
-52.5°	1	1	1	1	1	1	1	1	1	0	0
-53.75°	1	1	1	1	1	1	1	1	1	0	0
-55°	1	1	1	1	1	1	1	1	0	0	0
-56.25°	1	1	1	1	1	1	1	1	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	0	0	0	0	0	0	0
-65°	1	1	1	0	0	0	0	0	0	0	0
-66.25°	1	1	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	0	0	0	0	0	0	0	0	0	0
42.5°	1	0	0	0	0	0	0	0	0	0	0
41.25°	1	0	0	0	0	0	0	0	0	0	0
40°	1	0	0	0	0	0	0	0	0	0	0
38.75°	1	1	0	0	0	0	0	0	0	0	0
37.5°	1	1	0	0	0	0	0	0	0	0	0
36.25°	1	1	0	0	0	0	0	0	0	0	0
35°	1	1	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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°	1	1	0	0	0	0	0	0	0	0	0
32.5°	1	1	0	0	0	0	0	0	0	0	0
31.25°	1	1	1	0	0	0	0	0	0	0	0
30°	1	1	1	0	0	0	0	0	0	0	0
28.75°	1	1	1	0	0	0	0	0	0	0	0
27.5°	1	1	1	0	0	0	0	0	0	0	0
26.25°	1	1	1	0	0	0	0	0	0	0	0
25°	1	1	1	0	0	0	0	0	0	0	0
23.75°	1	1	1	0	0	0	0	0	0	0	0
22.5°	1	1	1	0	0	0	0	0	0	0	0
21.25°	1	1	1	0	0	0	0	0	0	0	0
20°	1	1	1	0	0	0	0	0	0	0	0
18.75°	1	1	1	1	0	0	0	0	0	0	0
17.5°	1	1	1	1	0	0	0	0	0	0	0
16.25°	1	1	1	1	0	0	0	0	0	0	0
15°	1	1	1	1	0	0	0	0	0	0	0
13.75°	1	1	1	1	0	0	0	0	0	0	0
12.5°	1	1	1	1	0	0	0	0	0	0	0
11.25°	1	1	1	1	0	0	0	0	0	0	0
10°	1	1	1	1	0	0	0	0	0	0	0
8.75°	1	1	1	1	0	0	0	0	0	0	0
7.5°	1	1	1	1	0	0	0	0	0	0	0
6.25°	1	1	1	1	0	0	0	0	0	0	0
5°	1	1	1	1	0	0	0	0	0	0	0
3.75°	1	1	1	1	0	0	0	0	0	0	0
2.5°	1	1	1	1	0	0	0	0	0	0	0
1.25°	1	1	1	1	0	0	0	0	0	0	0
0°	1	1	1	1	0	0	0	0	0	0	0
-1.25°	1	1	1	1	0	0	0	0	0	0	0
-2.5°	1	1	1	1	0	0	0	0	0	0	0
-3.75°	1	1	1	1	0	0	0	0	0	0	0
-5°	1	1	1	1	0	0	0	0	0	0	0
-6.25°	1	1	1	1	0	0	0	0	0	0	0
-7.5°	1	1	1	1	0	0	0	0	0	0	0
-8.75°	1	1	1	1	0	0	0	0	0	0	0
-10°	1	1	1	1	0	0	0	0	0	0	0
-11.25°	1	1	1	1	0	0	0	0	0	0	0
-12.5°	1	1	1	1	0	0	0	0	0	0	0
-13.75°	1	1	1	1	0	0	0	0	0	0	0
-15°	1	1	1	1	0	0	0	0	0	0	0
-16.25°	1	1	1	1	0	0	0	0	0	0	0
-17.5°	1	1	1	1	0	0	0	0	0	0	0
-18.75°	1	1	1	1	0	0	0	0	0	0	0
-20°	1	1	1	0	0	0	0	0	0	0	0
-21.25°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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	1	1	0	0	0	0	0	0	0	0
-23.75°	1	1	1	0	0	0	0	0	0	0	0
-25°	1	1	1	0	0	0	0	0	0	0	0
-26.25°	1	1	1	0	0	0	0	0	0	0	0
-27.5°	1	1	1	0	0	0	0	0	0	0	0
-28.75°	1	1	1	0	0	0	0	0	0	0	0
-30°	1	1	1	0	0	0	0	0	0	0	0
-31.25°	1	1	1	0	0	0	0	0	0	0	0
-32.5°	1	1	0	0	0	0	0	0	0	0	0
-33.75°	1	1	0	0	0	0	0	0	0	0	0
-35°	1	1	0	0	0	0	0	0	0	0	0
-36.25°	1	1	0	0	0	0	0	0	0	0	0
-37.5°	1	1	0	0	0	0	0	0	0	0	0
-38.75°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	0	0	0	0	0	0	0	0	0	0
-41.25°	1	0	0	0	0	0	0	0	0	0	0
-42.5°	1	0	0	0	0	0	0	0	0	0	0
-43.75°	1	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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-M-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: P220658 (CONVERTED FROM TYPE C PHOTOMETRY)

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