

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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)
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-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

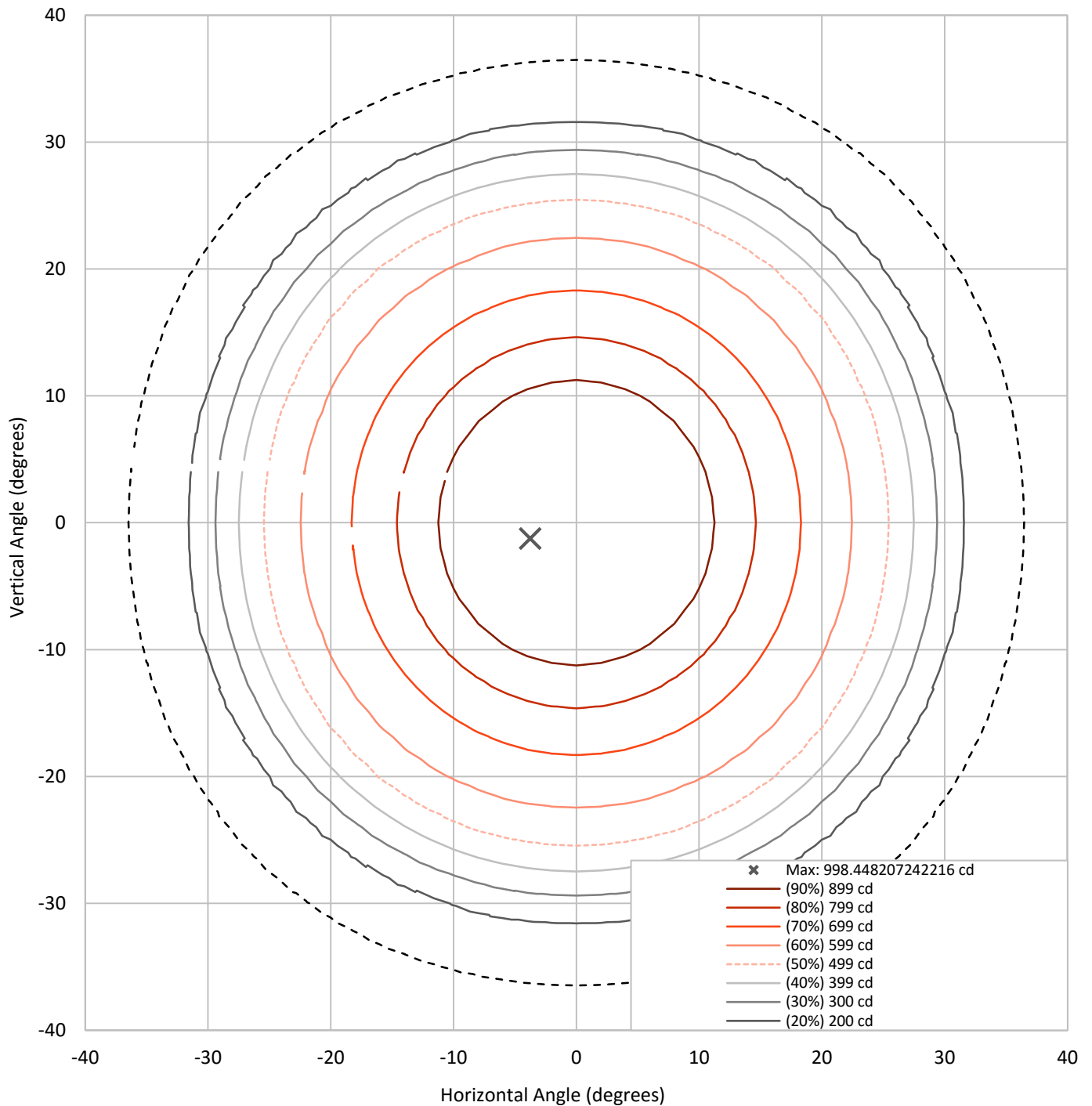
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	666.3 lumens	Max Intensity:	998.4 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	68.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.9°H x 72.6°V
Beam Lumens:	448.8 lumens	Field Lumens:	598.6 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





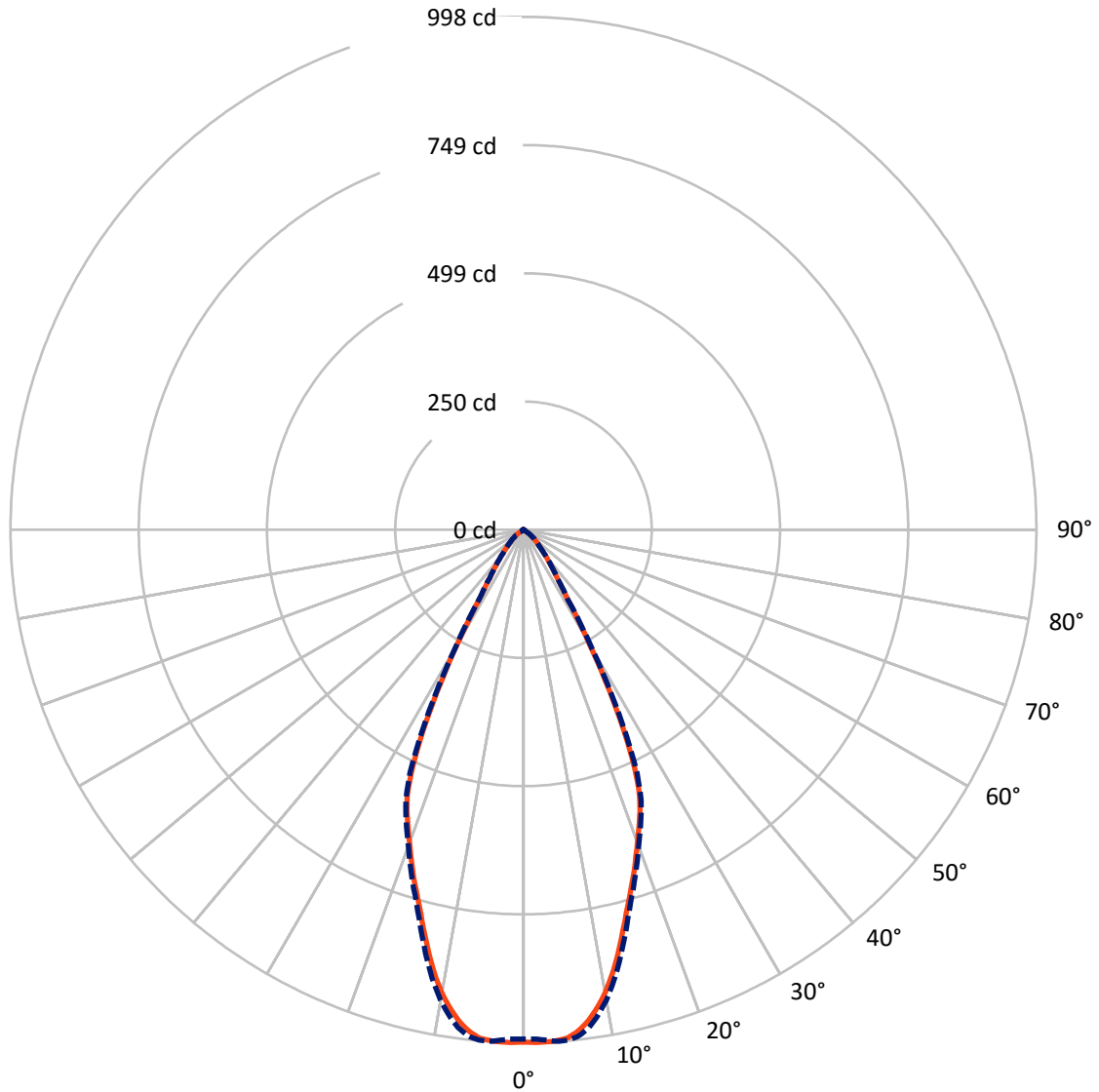
REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

Lumen Table

90																			
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																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
50																			
40	0.0	0.0	0.1	0.3	0.7	1.1	1.3	1.3	1.1	0.7	0.3	0.1	0.0	0.0	0.0	0.0			
30																			
20	0.0	0.0	0.1	0.6	1.4	3.7	9.6	14.3	14.3	9.6	3.7	1.4	0.6	0.1	0.0	0.0			
10																			
0	0.0	0.0	0.2	0.8	2.3	9.1	18.3	23.1	23.1	18.3	9.1	2.3	0.8	0.2	0.0	0.0			
-10																			
-20	0.0	0.0	0.2	0.9	3.2	13.1	22.4	29.1	29.1	22.4	13.1	3.2	0.9	0.2	0.0	0.0			
-30																			
-40	0.0	0.0	0.2	0.9	3.2	13.1	22.4	29.1	29.1	22.4	13.1	3.2	0.9	0.2	0.0	0.0			
-50																			
-60	0.0	0.0	0.1	0.3	0.7	1.1	1.3	1.3	1.1	0.7	0.3	0.1	0.0	0.0	0.0	0.0			
-70																			
-80	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

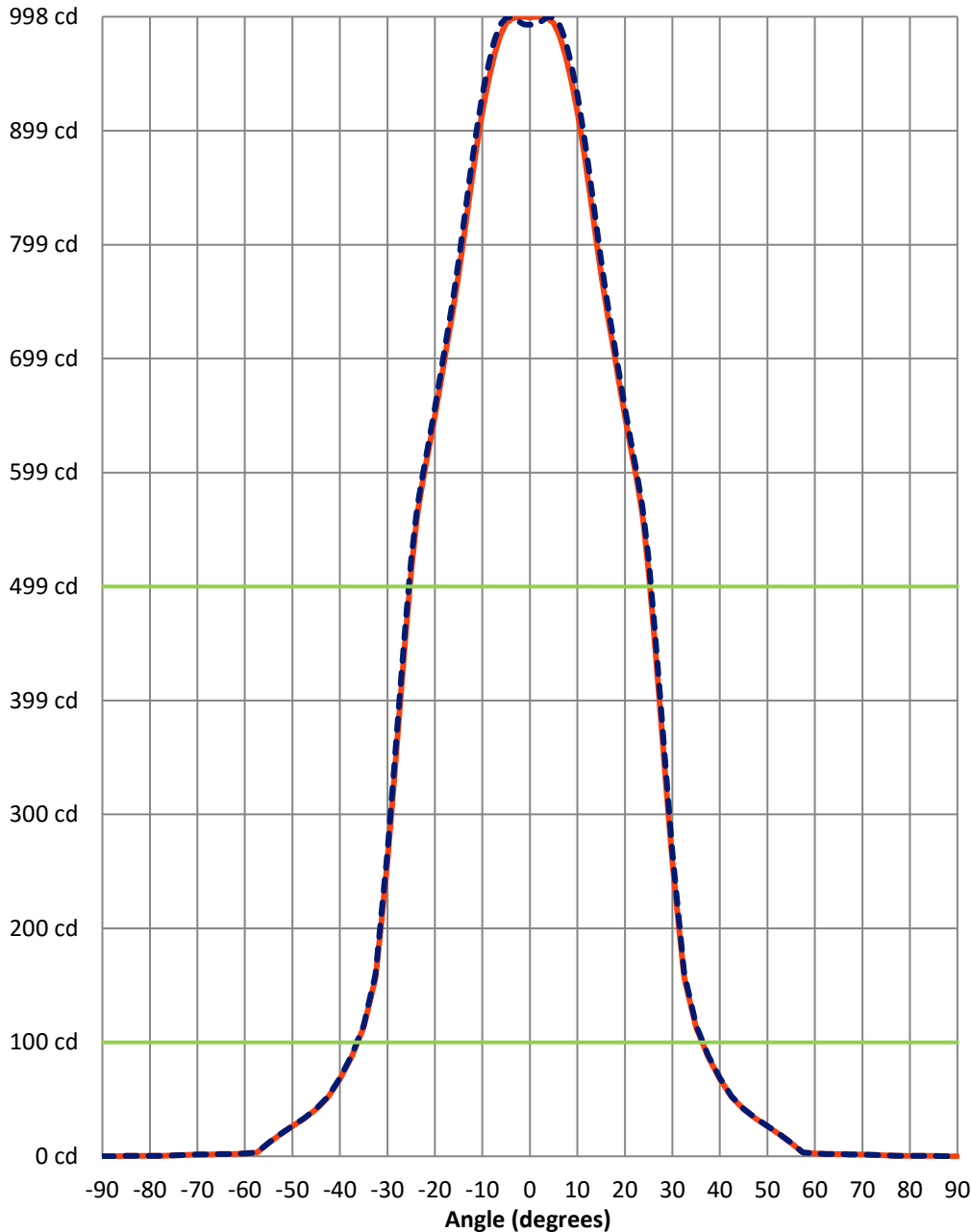
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 448.8
 Efficiency: 67.4%

Field:
 H Angle: 72.9°
 V Angle: 72.6°
 Lumens: 598.6
 Efficiency: 89.8%

Spill:
 Lumens: 67.7
 Efficiency: 10.2%

- Vertical Distribution through -3.75-Deg
- - - Horizontal Distribution through -1.25-Deg



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2
40°	0	0	0	1	1	1	1	1	1	1	2
38.75°	0	0	0	1	1	1	1	1	1	1	2
37.5°	0	0	0	1	1	1	1	1	1	2	2
36.25°	0	0	0	1	1	1	1	1	1	2	2
35°	0	0	1	1	1	1	1	1	1	2	2



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2	2	2
32.5°	0	0	1	1	1	1	1	1	2	2	2
31.25°	0	0	1	1	1	1	1	1	2	2	2
30°	0	0	1	1	1	1	1	1	2	2	2
28.75°	0	0	1	1	1	1	1	2	2	2	2
27.5°	0	1	1	1	1	1	1	2	2	2	2
26.25°	0	1	1	1	1	1	1	2	2	2	2
25°	0	1	1	1	1	1	1	2	2	2	2
23.75°	0	1	1	1	1	1	1	2	2	2	2
22.5°	0	1	1	1	1	1	2	2	2	2	2
21.25°	0	1	1	1	1	1	2	2	2	2	2
20°	0	1	1	1	1	1	2	2	2	2	2
18.75°	0	1	1	1	1	1	2	2	2	2	2
17.5°	0	1	1	1	1	1	2	2	2	2	2
16.25°	1	1	1	1	1	1	2	2	2	2	2
15°	1	1	1	1	1	1	2	2	2	2	2
13.75°	1	1	1	1	1	2	2	2	2	2	2
12.5°	1	1	1	1	1	2	2	2	2	2	2
11.25°	1	1	1	1	1	2	2	2	2	2	2
10°	1	1	1	1	1	2	2	2	2	2	2
8.75°	1	1	1	1	1	2	2	2	2	2	2
7.5°	1	1	1	1	1	2	2	2	2	2	2
6.25°	1	1	1	1	1	2	2	2	2	2	2
5°	1	1	1	1	1	2	2	2	2	2	2
3.75°	1	1	1	1	1	2	2	2	2	2	2
2.5°	1	1	1	1	1	2	2	2	2	2	2
1.25°	1	1	1	1	1	2	2	2	2	2	2
0°	1	1	1	1	1	2	2	2	2	2	2
-1.25°	1	1	1	1	1	2	2	2	2	2	2
-2.5°	1	1	1	1	1	2	2	2	2	2	2
-3.75°	1	1	1	1	1	2	2	2	2	2	2
-5°	1	1	1	1	1	2	2	2	2	2	2
-6.25°	1	1	1	1	1	2	2	2	2	2	2
-7.5°	1	1	1	1	1	2	2	2	2	2	2
-8.75°	1	1	1	1	1	2	2	2	2	2	2
-10°	1	1	1	1	1	2	2	2	2	2	2
-11.25°	1	1	1	1	1	2	2	2	2	2	2
-12.5°	1	1	1	1	1	2	2	2	2	2	2
-13.75°	1	1	1	1	1	2	2	2	2	2	2
-15°	1	1	1	1	1	1	2	2	2	2	2
-16.25°	1	1	1	1	1	1	2	2	2	2	2
-17.5°	0	1	1	1	1	1	2	2	2	2	2
-18.75°	0	1	1	1	1	1	2	2	2	2	2
-20°	0	1	1	1	1	1	2	2	2	2	2
-21.25°	0	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2	2	2	2	2
-23.75°	0	1	1	1	1	1	1	2	2	2	2
-25°	0	1	1	1	1	1	1	2	2	2	2
-26.25°	0	1	1	1	1	1	1	2	2	2	2
-27.5°	0	1	1	1	1	1	1	2	2	2	2
-28.75°	0	0	1	1	1	1	1	2	2	2	2
-30°	0	0	1	1	1	1	1	1	2	2	2
-31.25°	0	0	1	1	1	1	1	1	2	2	2
-32.5°	0	0	1	1	1	1	1	1	2	2	2
-33.75°	0	0	1	1	1	1	1	1	2	2	2
-35°	0	0	1	1	1	1	1	1	1	2	2
-36.25°	0	0	0	1	1	1	1	1	1	2	2
-37.5°	0	0	0	1	1	1	1	1	1	2	2
-38.75°	0	0	0	1	1	1	1	1	1	1	2
-40°	0	0	0	1	1	1	1	1	1	1	2
-41.25°	0	0	0	0	1	1	1	1	1	1	2
-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	1	1	2	2	2
55°	1	1	1	1	1	1	1	2	2	2	2
53.75°	1	1	1	1	1	1	2	2	2	2	2
52.5°	1	1	1	1	1	2	2	2	2	2	2
51.25°	1	1	1	1	2	2	2	2	2	2	2
50°	1	1	1	2	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	2	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	3
37.5°	2	2	2	2	2	2	2	2	2	2	3
36.25°	2	2	2	2	2	2	2	2	2	3	3
35°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	2	2	2	2	2	2	2	2	3	3	3
32.5°	2	2	2	2	2	2	2	2	3	3	4
31.25°	2	2	2	2	2	2	2	3	3	3	6
30°	2	2	2	2	2	2	2	3	3	4	8
28.75°	2	2	2	2	2	2	3	3	3	6	9
27.5°	2	2	2	2	2	2	3	3	4	8	11
26.25°	2	2	2	2	2	2	3	3	5	9	13
25°	2	2	2	2	2	3	3	3	7	10	14
23.75°	2	2	2	2	2	3	3	4	8	12	15
22.5°	2	2	2	2	2	3	3	5	9	13	16
21.25°	2	2	2	2	3	3	3	7	10	14	17
20°	2	2	2	2	3	3	4	8	12	15	19
18.75°	2	2	2	2	3	3	5	9	13	16	20
17.5°	2	2	2	2	3	3	6	10	13	17	20
16.25°	2	2	2	2	3	3	6	10	14	18	21
15°	2	2	2	3	3	3	7	11	15	19	22
13.75°	2	2	2	3	3	4	8	12	16	19	23
12.5°	2	2	2	3	3	4	9	13	16	20	23
11.25°	2	2	2	3	3	5	9	13	17	21	24
10°	2	2	2	3	3	6	10	14	18	21	25
8.75°	2	2	2	3	3	6	10	14	18	22	25
7.5°	2	2	2	3	3	6	11	15	18	22	25
6.25°	2	2	2	3	3	7	11	15	19	22	26
5°	2	2	2	3	3	7	11	15	19	23	26
3.75°	2	2	2	3	3	7	12	15	19	23	26
2.5°	2	2	2	3	3	7	12	16	19	23	26
1.25°	2	2	2	3	3	8	12	16	20	23	27
0°	2	2	3	3	3	8	12	16	20	23	27
-1.25°	2	2	2	3	3	8	12	16	20	23	27
-2.5°	2	2	2	3	3	7	12	16	19	23	26
-3.75°	2	2	2	3	3	7	12	15	19	23	26
-5°	2	2	2	3	3	7	11	15	19	23	26
-6.25°	2	2	2	3	3	7	11	15	19	22	26
-7.5°	2	2	2	3	3	6	11	15	18	22	25
-8.75°	2	2	2	3	3	6	10	14	18	22	25
-10°	2	2	2	3	3	6	10	14	18	21	25
-11.25°	2	2	2	3	3	5	9	13	17	21	24
-12.5°	2	2	2	3	3	4	9	13	16	20	23
-13.75°	2	2	2	3	3	4	8	12	16	19	23
-15°	2	2	2	3	3	3	7	11	15	19	22
-16.25°	2	2	2	2	3	3	6	10	14	18	21
-17.5°	2	2	2	2	3	3	6	10	13	17	20
-18.75°	2	2	2	2	3	3	5	9	13	16	20
-20°	2	2	2	2	3	3	4	8	12	15	19
-21.25°	2	2	2	2	3	3	3	7	10	14	17



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	3	3	5	9	13	16
-23.75°	2	2	2	2	2	3	3	4	8	12	15
-25°	2	2	2	2	2	3	3	3	7	10	14
-26.25°	2	2	2	2	2	2	3	3	5	9	13
-27.5°	2	2	2	2	2	2	3	3	4	8	11
-28.75°	2	2	2	2	2	2	3	3	3	6	9
-30°	2	2	2	2	2	2	2	3	3	4	8
-31.25°	2	2	2	2	2	2	2	3	3	3	6
-32.5°	2	2	2	2	2	2	2	2	3	3	4
-33.75°	2	2	2	2	2	2	2	2	3	3	3
-35°	2	2	2	2	2	2	2	2	2	3	3
-36.25°	2	2	2	2	2	2	2	2	2	3	3
-37.5°	2	2	2	2	2	2	2	2	2	2	3
-38.75°	2	2	2	2	2	2	2	2	2	2	3
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	1	2	2	2	2	2	2	2	2	2	2
-46.25°	1	2	2	2	2	2	2	2	2	2	2
-47.5°	1	1	2	2	2	2	2	2	2	2	2
-48.75°	1	1	1	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	1	2	2	2	2	2	2	2
-52.5°	1	1	1	1	1	2	2	2	2	2	2
-53.75°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	2	2	2	2
-56.25°	1	1	1	1	1	1	1	1	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	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°	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	2	2	2	2	2	2	2
61.25°	1	1	2	2	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	3
50°	2	2	2	2	2	2	2	2	3	3	3
48.75°	2	2	2	2	2	2	2	3	3	3	3
47.5°	2	2	2	2	2	2	3	3	3	3	5
46.25°	2	2	2	2	2	3	3	3	4	6	8
45°	2	2	2	3	3	3	3	4	7	9	11
43.75°	2	2	2	3	3	3	5	7	9	12	14
42.5°	2	2	3	3	3	5	7	10	12	14	16
41.25°	2	3	3	3	5	7	10	12	15	17	19
40°	3	3	3	4	7	10	12	15	17	19	21
38.75°	3	3	4	7	9	12	15	17	19	22	24
37.5°	3	3	6	9	12	14	17	19	22	24	26
36.25°	3	5	8	11	14	16	19	21	24	26	28
35°	4	7	10	13	16	19	21	23	26	28	30



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	6	9	12	15	18	20	23	25	28	30	32
32.5°	8	11	14	17	20	22	25	27	30	32	35
31.25°	10	13	16	19	21	24	27	29	32	34	37
30°	11	14	17	20	23	26	28	31	33	36	39
28.75°	13	16	19	22	25	27	30	33	36	39	42
27.5°	14	17	21	23	26	29	32	34	38	41	45
26.25°	16	19	22	25	28	30	33	36	40	43	47
25°	17	20	23	26	29	32	35	38	42	46	50
23.75°	18	22	25	28	30	33	37	40	44	48	53
22.5°	20	23	26	29	32	35	38	42	46	51	57
21.25°	21	24	27	30	33	36	40	44	49	54	60
20°	22	25	28	31	34	38	42	46	51	57	64
18.75°	23	26	29	32	36	39	43	48	53	60	67
17.5°	24	27	30	33	37	41	45	50	56	63	71
16.25°	25	28	31	34	38	42	47	52	59	66	75
15°	25	29	32	35	39	43	48	54	61	69	78
13.75°	26	29	33	36	40	45	50	56	64	72	81
12.5°	27	30	33	37	41	46	51	58	66	75	84
11.25°	27	31	34	38	42	47	52	60	68	77	87
10°	28	31	35	39	43	48	54	62	70	80	90
8.75°	28	32	36	40	44	49	56	64	72	82	92
7.5°	29	32	36	40	45	50	57	65	74	84	95
6.25°	29	33	37	41	46	51	58	66	75	85	97
5°	30	33	37	41	46	51	59	67	77	87	99
3.75°	30	33	37	41	47	52	60	68	78	88	100
2.5°	30	33	37	42	47	52	60	68	78	88	101
1.25°	30	33	38	42	47	52	60	69	79	89	102
0°	30	34	38	42	47	52	61	69	79	89	102
-1.25°	30	33	38	42	47	52	60	69	79	89	102
-2.5°	30	33	37	42	47	52	60	68	78	88	101
-3.75°	30	33	37	41	47	52	60	68	78	88	100
-5°	30	33	37	41	46	51	59	67	77	87	99
-6.25°	29	33	37	41	46	51	58	66	75	85	97
-7.5°	29	32	36	40	45	50	57	65	74	84	95
-8.75°	28	32	36	40	44	49	56	64	72	82	92
-10°	28	31	35	39	43	48	54	62	70	80	90
-11.25°	27	31	34	38	42	47	52	60	68	77	87
-12.5°	27	30	33	37	41	46	51	58	66	75	84
-13.75°	26	29	33	36	40	45	50	56	64	72	81
-15°	25	29	32	35	39	43	48	54	61	69	78
-16.25°	25	28	31	34	38	42	47	52	59	66	75
-17.5°	24	27	30	33	37	41	45	50	56	63	71
-18.75°	23	26	29	32	36	39	43	48	53	60	67
-20°	22	25	28	31	34	38	42	46	51	57	64
-21.25°	21	24	27	30	33	36	40	44	49	54	60



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	20	23	26	29	32	35	38	42	46	51	57
-23.75°	18	22	25	28	30	33	37	40	44	48	53
-25°	17	20	23	26	29	32	35	38	42	46	50
-26.25°	16	19	22	25	28	30	33	36	40	43	47
-27.5°	14	17	21	23	26	29	32	34	38	41	45
-28.75°	13	16	19	22	25	27	30	33	36	39	42
-30°	11	14	17	20	23	26	28	31	33	36	39
-31.25°	10	13	16	19	21	24	27	29	32	34	37
-32.5°	8	11	14	17	20	22	25	27	30	32	35
-33.75°	6	9	12	15	18	20	23	25	28	30	32
-35°	4	7	10	13	16	19	21	23	26	28	30
-36.25°	3	5	8	11	14	16	19	21	24	26	28
-37.5°	3	3	6	9	12	14	17	19	22	24	26
-38.75°	3	3	4	7	9	12	15	17	19	22	24
-40°	3	3	3	4	7	10	12	15	17	19	21
-41.25°	2	3	3	3	5	7	10	12	15	17	19
-42.5°	2	2	3	3	3	5	7	10	12	14	16
-43.75°	2	2	2	3	3	3	5	7	9	12	14
-45°	2	2	2	3	3	3	3	4	7	9	11
-46.25°	2	2	2	2	2	3	3	3	4	6	8
-47.5°	2	2	2	2	2	2	3	3	3	3	5
-48.75°	2	2	2	2	2	2	2	3	3	3	3
-50°	2	2	2	2	2	2	2	2	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	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	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2
67.5°	1	1	1	1	1	2	2	2	2	2	2
66.25°	1	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	3	3	3
55°	2	2	2	2	2	3	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	4	5
52.5°	2	3	3	3	3	3	4	5	7	8	9
51.25°	3	3	3	3	4	6	8	9	10	12	13
50°	3	3	4	6	8	9	11	13	14	15	16
48.75°	4	6	8	10	11	13	14	16	17	18	20
47.5°	7	9	11	13	14	16	17	19	20	22	23
46.25°	10	12	14	16	17	19	21	22	23	25	26
45°	13	15	17	19	20	22	23	25	26	28	29
43.75°	16	18	20	21	23	25	26	28	29	30	32
42.5°	19	20	22	24	26	27	29	30	32	33	35
41.25°	21	23	25	27	28	30	32	33	35	37	38
40°	23	25	27	29	31	33	34	36	38	40	42
38.75°	26	28	30	32	33	36	38	40	42	44	46
37.5°	28	30	32	34	36	39	41	43	46	48	51
36.25°	30	32	35	37	39	42	45	47	50	53	57
35°	33	35	37	40	42	46	49	51	55	59	63



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	35	38	40	43	46	49	53	57	62	66	70
32.5°	37	40	43	47	50	54	58	63	68	73	78
31.25°	40	43	47	50	54	59	64	69	75	81	86
30°	42	46	50	54	60	65	70	76	82	88	96
28.75°	46	49	54	59	65	71	77	84	90	98	106
27.5°	49	53	58	64	70	77	84	91	99	107	116
26.25°	51	57	63	69	76	84	91	100	108	118	132
25°	55	62	68	75	82	90	99	108	119	134	149
23.75°	59	66	73	81	88	98	107	118	134	150	171
22.5°	63	70	78	86	96	106	116	132	149	171	207
21.25°	67	75	83	92	103	113	129	146	166	205	243
20°	71	80	88	99	109	124	142	159	198	239	280
18.75°	76	84	94	105	117	135	154	187	229	271	321
17.5°	80	89	100	111	127	147	172	216	259	309	361
16.25°	84	94	105	118	138	157	198	243	292	346	400
15°	87	99	110	127	147	176	223	269	324	381	436
13.75°	91	103	115	136	156	198	246	298	356	414	468
12.5°	95	107	123	144	170	219	267	325	385	443	497
11.25°	99	111	130	151	188	237	291	351	412	470	523
10°	102	115	136	158	204	254	312	375	437	493	542
8.75°	105	120	142	168	219	270	332	396	457	514	560
7.5°	108	125	147	180	231	286	350	415	476	530	571
6.25°	110	129	151	190	242	300	365	430	490	543	580
5°	112	132	154	199	251	312	378	442	502	553	588
3.75°	113	134	157	205	258	321	387	452	512	561	593
2.5°	114	136	159	210	263	327	394	459	519	565	596
1.25°	115	137	160	213	266	331	398	463	523	568	599
0°	115	138	160	214	267	333	400	465	524	569	599
-1.25°	115	137	160	213	266	331	398	463	523	568	599
-2.5°	114	136	159	210	263	327	394	459	519	565	596
-3.75°	113	134	157	205	258	321	387	452	512	561	593
-5°	112	132	154	199	251	312	378	442	502	553	588
-6.25°	110	129	151	190	242	300	365	430	490	543	580
-7.5°	108	125	147	180	231	286	350	415	476	530	571
-8.75°	105	120	142	168	219	270	332	396	457	514	560
-10°	102	115	136	158	204	254	312	375	437	493	542
-11.25°	99	111	130	151	188	237	291	351	412	470	523
-12.5°	95	107	123	144	170	219	267	325	385	443	497
-13.75°	91	103	115	136	156	198	246	298	356	414	468
-15°	87	99	110	127	147	176	223	269	324	381	436
-16.25°	84	94	105	118	138	157	198	243	292	346	400
-17.5°	80	89	100	111	127	147	172	216	259	309	361
-18.75°	76	84	94	105	117	135	154	187	229	271	321
-20°	71	80	88	99	109	124	142	159	198	239	280
-21.25°	67	75	83	92	103	113	129	146	166	205	243



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	63	70	78	86	96	106	116	132	149	171	207
-23.75°	59	66	73	81	88	98	107	118	134	150	171
-25°	55	62	68	75	82	90	99	108	119	134	149
-26.25°	51	57	63	69	76	84	91	100	108	118	132
-27.5°	49	53	58	64	70	77	84	91	99	107	116
-28.75°	46	49	54	59	65	71	77	84	90	98	106
-30°	42	46	50	54	60	65	70	76	82	88	96
-31.25°	40	43	47	50	54	59	64	69	75	81	86
-32.5°	37	40	43	47	50	54	58	63	68	73	78
-33.75°	35	38	40	43	46	49	53	57	62	66	70
-35°	33	35	37	40	42	46	49	51	55	59	63
-36.25°	30	32	35	37	39	42	45	47	50	53	57
-37.5°	28	30	32	34	36	39	41	43	46	48	51
-38.75°	26	28	30	32	33	36	38	40	42	44	46
-40°	23	25	27	29	31	33	34	36	38	40	42
-41.25°	21	23	25	27	28	30	32	33	35	37	38
-42.5°	19	20	22	24	26	27	29	30	32	33	35
-43.75°	16	18	20	21	23	25	26	28	29	30	32
-45°	13	15	17	19	20	22	23	25	26	28	29
-46.25°	10	12	14	16	17	19	21	22	23	25	26
-47.5°	7	9	11	13	14	16	17	19	20	22	23
-48.75°	4	6	8	10	11	13	14	16	17	18	20
-50°	3	3	4	6	8	9	11	13	14	15	16
-51.25°	3	3	3	3	4	6	8	9	10	12	13
-52.5°	2	3	3	3	3	3	4	5	7	8	9
-53.75°	2	2	2	3	3	3	3	3	3	4	5
-55°	2	2	2	2	2	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	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°	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	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	2
-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	4	4	5	6	6
55°	3	4	5	6	6	7	8	9	9	10	10
53.75°	7	8	9	10	10	11	12	13	13	14	14
52.5°	10	12	13	13	14	15	16	16	17	18	18
51.25°	14	15	16	17	18	19	19	20	21	21	22
50°	17	19	20	20	21	22	23	23	24	25	25
48.75°	21	22	23	24	25	25	26	27	27	28	28
47.5°	24	25	26	27	28	29	29	30	31	31	32
46.25°	27	28	29	30	31	32	33	33	34	35	36
45°	30	31	32	33	34	35	36	37	38	39	40
43.75°	33	34	36	37	38	39	40	41	42	43	44
42.5°	36	38	39	41	42	43	45	46	47	48	49
41.25°	40	42	43	45	47	48	50	51	52	54	56
40°	44	46	48	50	52	54	56	58	60	62	64
38.75°	49	51	53	56	59	61	64	66	68	70	72
37.5°	54	57	60	63	66	69	72	75	77	80	82
36.25°	60	64	67	71	75	78	81	84	87	90	92
35°	67	71	76	80	84	87	91	95	99	102	105



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	75	80	84	89	94	99	103	107	111	115	120
32.5°	83	88	94	100	105	110	115	123	130	136	142
31.25°	92	99	105	111	118	127	136	144	151	158	168
30°	103	109	117	127	138	147	156	170	188	204	219
28.75°	113	124	135	147	157	176	198	219	237	254	270
27.5°	129	142	154	172	198	223	246	267	291	312	332
26.25°	146	159	187	216	243	269	298	325	351	375	396
25°	166	198	229	259	292	324	356	385	412	437	457
23.75°	205	239	271	309	346	381	414	443	470	493	514
22.5°	243	280	321	361	400	436	468	497	523	542	560
21.25°	283	327	370	412	451	486	518	543	564	578	590
20°	327	374	419	460	498	531	558	577	592	604	616
18.75°	370	419	463	504	539	566	586	601	616	630	642
17.5°	412	460	504	541	570	591	608	624	640	655	669
16.25°	451	498	539	570	592	611	629	647	665	681	697
15°	486	531	566	591	611	631	651	671	690	708	724
13.75°	518	558	586	608	629	651	673	694	715	733	750
12.5°	543	577	601	624	647	671	694	717	737	758	780
11.25°	564	592	616	640	665	690	715	737	761	786	810
10°	578	604	630	655	681	708	733	758	786	814	841
8.75°	590	616	642	669	697	724	750	780	810	841	869
7.5°	600	626	653	681	711	738	768	800	833	865	893
6.25°	608	635	663	693	722	751	784	818	854	886	914
5°	615	643	672	703	732	763	798	835	870	902	930
3.75°	620	649	679	710	740	773	810	848	884	915	942
2.5°	624	653	684	715	746	780	818	857	893	924	951
1.25°	627	656	687	718	749	785	823	862	898	930	956
0°	628	657	688	719	750	786	825	864	900	932	958
-1.25°	627	656	687	718	749	785	823	862	898	930	956
-2.5°	624	653	684	715	746	780	818	857	893	924	951
-3.75°	620	649	679	710	740	773	810	848	884	915	942
-5°	615	643	672	703	732	763	798	835	870	902	930
-6.25°	608	635	663	693	722	751	784	818	854	886	914
-7.5°	600	626	653	681	711	738	768	800	833	865	893
-8.75°	590	616	642	669	697	724	750	780	810	841	869
-10°	578	604	630	655	681	708	733	758	786	814	841
-11.25°	564	592	616	640	665	690	715	737	761	786	810
-12.5°	543	577	601	624	647	671	694	717	737	758	780
-13.75°	518	558	586	608	629	651	673	694	715	733	750
-15°	486	531	566	591	611	631	651	671	690	708	724
-16.25°	451	498	539	570	592	611	629	647	665	681	697
-17.5°	412	460	504	541	570	591	608	624	640	655	669
-18.75°	370	419	463	504	539	566	586	601	616	630	642
-20°	327	374	419	460	498	531	558	577	592	604	616
-21.25°	283	327	370	412	451	486	518	543	564	578	590



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	243	280	321	361	400	436	468	497	523	542	560
-23.75°	205	239	271	309	346	381	414	443	470	493	514
-25°	166	198	229	259	292	324	356	385	412	437	457
-26.25°	146	159	187	216	243	269	298	325	351	375	396
-27.5°	129	142	154	172	198	223	246	267	291	312	332
-28.75°	113	124	135	147	157	176	198	219	237	254	270
-30°	103	109	117	127	138	147	156	170	188	204	219
-31.25°	92	99	105	111	118	127	136	144	151	158	168
-32.5°	83	88	94	100	105	110	115	123	130	136	142
-33.75°	75	80	84	89	94	99	103	107	111	115	120
-35°	67	71	76	80	84	87	91	95	99	102	105
-36.25°	60	64	67	71	75	78	81	84	87	90	92
-37.5°	54	57	60	63	66	69	72	75	77	80	82
-38.75°	49	51	53	56	59	61	64	66	68	70	72
-40°	44	46	48	50	52	54	56	58	60	62	64
-41.25°	40	42	43	45	47	48	50	51	52	54	56
-42.5°	36	38	39	41	42	43	45	46	47	48	49
-43.75°	33	34	36	37	38	39	40	41	42	43	44
-45°	30	31	32	33	34	35	36	37	38	39	40
-46.25°	27	28	29	30	31	32	33	33	34	35	36
-47.5°	24	25	26	27	28	29	29	30	31	31	32
-48.75°	21	22	23	24	25	25	26	27	27	28	28
-50°	17	19	20	20	21	22	23	23	24	25	25
-51.25°	14	15	16	17	18	19	19	20	21	21	22
-52.5°	10	12	13	13	14	15	16	16	17	18	18
-53.75°	7	8	9	10	10	11	12	13	13	14	14
-55°	3	4	5	6	6	7	8	9	9	10	10
-56.25°	3	3	3	3	3	3	4	4	5	6	6
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	3	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	6	7	7	7	7	8	8	8	7	7	7
55°	11	11	11	12	12	12	12	12	12	12	11
53.75°	15	15	15	15	16	16	16	16	16	15	15
52.5°	18	19	19	19	19	20	20	20	19	19	19
51.25°	22	22	23	23	23	23	23	23	23	23	23
50°	25	26	26	26	26	27	27	27	26	26	26
48.75°	29	29	30	30	30	30	30	30	30	30	30
47.5°	32	33	33	33	33	33	34	33	33	33	33
46.25°	36	37	37	37	37	38	38	38	37	37	37
45°	40	41	41	41	42	42	42	42	42	41	41
43.75°	45	46	46	46	47	47	47	47	47	47	46
42.5°	50	51	51	51	52	52	52	52	52	52	51
41.25°	57	58	59	59	60	60	61	60	60	60	59
40°	65	66	67	67	68	69	69	69	68	68	67
38.75°	74	75	77	77	78	79	79	79	78	78	77
37.5°	84	85	87	87	88	89	89	89	88	88	87
36.25°	95	97	99	99	100	101	102	102	101	100	99
35°	108	110	112	112	113	114	115	115	114	113	112



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	125	129	132	134	136	137	138	137	136	134	132
32.5°	147	151	154	157	159	160	160	160	159	157	154
31.25°	180	190	199	205	210	213	214	213	210	205	199
30°	231	242	251	258	263	266	267	266	263	258	251
28.75°	286	300	312	321	327	331	333	331	327	321	312
27.5°	350	365	378	387	394	398	400	398	394	387	378
26.25°	415	430	442	452	459	463	465	463	459	452	442
25°	476	490	502	512	519	523	524	523	519	512	502
23.75°	530	543	553	561	565	568	569	568	565	561	553
22.5°	571	580	588	593	596	599	599	599	596	593	588
21.25°	600	608	615	620	624	627	628	627	624	620	615
20°	626	635	643	649	653	656	657	656	653	649	643
18.75°	653	663	672	679	684	687	688	687	684	679	672
17.5°	681	693	703	710	715	718	719	718	715	710	703
16.25°	711	722	732	740	746	749	750	749	746	740	732
15°	738	751	763	773	780	785	786	785	780	773	763
13.75°	768	784	798	810	818	823	825	823	818	810	798
12.5°	800	818	835	848	857	862	864	862	857	848	835
11.25°	833	854	870	884	893	898	900	898	893	884	870
10°	865	886	902	915	924	930	932	930	924	915	902
8.75°	893	914	930	942	951	956	958	956	951	942	930
7.5°	917	937	953	964	973	977	979	977	973	964	953
6.25°	937	956	972	982	988	992	993	992	988	982	972
5°	953	972	985	993	996	997	998	997	996	993	985
3.75°	964	982	993	997	998	998	998	998	998	997	993
2.5°	973	988	996	998	997	995	994	995	997	998	996
1.25°	977	992	997	998	995	992	991	992	995	998	997
0°	979	993	998	998	994	991	994	991	994	998	998
-1.25°	977	992	997	998	995	992	991	992	995	998	997
-2.5°	973	988	996	998	997	995	994	995	997	998	996
-3.75°	964	982	993	997	998	998	998	998	998	997	993
-5°	953	972	985	993	996	997	998	997	996	993	985
-6.25°	937	956	972	982	988	992	993	992	988	982	972
-7.5°	917	937	953	964	973	977	979	977	973	964	953
-8.75°	893	914	930	942	951	956	958	956	951	942	930
-10°	865	886	902	915	924	930	932	930	924	915	902
-11.25°	833	854	870	884	893	898	900	898	893	884	870
-12.5°	800	818	835	848	857	862	864	862	857	848	835
-13.75°	768	784	798	810	818	823	825	823	818	810	798
-15°	738	751	763	773	780	785	786	785	780	773	763
-16.25°	711	722	732	740	746	749	750	749	746	740	732
-17.5°	681	693	703	710	715	718	719	718	715	710	703
-18.75°	653	663	672	679	684	687	688	687	684	679	672
-20°	626	635	643	649	653	656	657	656	653	649	643
-21.25°	600	608	615	620	624	627	628	627	624	620	615



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	571	580	588	593	596	599	599	599	596	593	588
-23.75°	530	543	553	561	565	568	569	568	565	561	553
-25°	476	490	502	512	519	523	524	523	519	512	502
-26.25°	415	430	442	452	459	463	465	463	459	452	442
-27.5°	350	365	378	387	394	398	400	398	394	387	378
-28.75°	286	300	312	321	327	331	333	331	327	321	312
-30°	231	242	251	258	263	266	267	266	263	258	251
-31.25°	180	190	199	205	210	213	214	213	210	205	199
-32.5°	147	151	154	157	159	160	160	160	159	157	154
-33.75°	125	129	132	134	136	137	138	137	136	134	132
-35°	108	110	112	113	114	115	115	115	114	113	112
-36.25°	95	97	99	100	101	102	102	102	101	100	99
-37.5°	84	85	87	88	88	89	89	89	88	88	87
-38.75°	74	75	77	78	78	79	79	79	78	78	77
-40°	65	66	67	68	68	69	69	69	68	68	67
-41.25°	57	58	59	60	60	60	61	60	60	60	59
-42.5°	50	51	51	52	52	52	52	52	52	52	51
-43.75°	45	46	46	47	47	47	47	47	47	47	46
-45°	40	41	41	41	42	42	42	42	42	41	41
-46.25°	36	37	37	37	37	38	38	38	37	37	37
-47.5°	32	33	33	33	33	33	34	33	33	33	33
-48.75°	29	29	30	30	30	30	30	30	30	30	30
-50°	25	26	26	26	26	27	27	27	26	26	26
-51.25°	22	22	23	23	23	23	23	23	23	23	23
-52.5°	18	19	19	19	19	20	20	20	19	19	19
-53.75°	15	15	15	15	16	16	16	16	16	15	15
-55°	11	11	11	12	12	12	12	12	12	12	11
-56.25°	6	7	7	7	7	8	8	8	7	7	7
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	3	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	2	2	2	2	2	2	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	7	6	6	6	5	4	4	3	3	3	3
55°	11	11	10	10	9	9	8	7	6	6	5
53.75°	15	15	14	14	13	13	12	11	10	10	9
52.5°	19	18	18	18	17	16	16	15	14	13	13
51.25°	22	22	22	21	21	20	19	19	18	17	16
50°	26	25	25	25	24	23	23	22	21	20	20
48.75°	29	29	28	28	27	27	26	25	25	24	23
47.5°	33	32	32	31	31	30	29	29	28	27	26
46.25°	37	36	36	35	34	33	33	32	31	30	29
45°	41	40	40	39	38	37	36	35	34	33	32
43.75°	46	45	44	43	42	41	40	39	38	37	36
42.5°	51	50	49	48	47	46	45	43	42	41	39
41.25°	58	57	56	54	52	51	50	48	47	45	43
40°	66	65	64	62	60	58	56	54	52	50	48
38.75°	75	74	72	70	68	66	64	61	59	56	53
37.5°	85	84	82	80	77	75	72	69	66	63	60
36.25°	97	95	92	90	87	84	81	78	75	71	67
35°	110	108	105	102	99	95	91	87	84	80	76



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	129	125	120	115	111	107	103	99	94	89	84
32.5°	151	147	142	136	130	123	115	110	105	100	94
31.25°	190	180	168	158	151	144	136	127	118	111	105
30°	242	231	219	204	188	170	156	147	138	127	117
28.75°	300	286	270	254	237	219	198	176	157	147	135
27.5°	365	350	332	312	291	267	246	223	198	172	154
26.25°	430	415	396	375	351	325	298	269	243	216	187
25°	490	476	457	437	412	385	356	324	292	259	229
23.75°	543	530	514	493	470	443	414	381	346	309	271
22.5°	580	571	560	542	523	497	468	436	400	361	321
21.25°	608	600	590	578	564	543	518	486	451	412	370
20°	635	626	616	604	592	577	558	531	498	460	419
18.75°	663	653	642	630	616	601	586	566	539	504	463
17.5°	693	681	669	655	640	624	608	591	570	541	504
16.25°	722	711	697	681	665	647	629	611	592	570	539
15°	751	738	724	708	690	671	651	631	611	591	566
13.75°	784	768	750	733	715	694	673	651	629	608	586
12.5°	818	800	780	758	737	717	694	671	647	624	601
11.25°	854	833	810	786	761	737	715	690	665	640	616
10°	886	865	841	814	786	758	733	708	681	655	630
8.75°	914	893	869	841	810	780	750	724	697	669	642
7.5°	937	917	893	865	833	800	768	738	711	681	653
6.25°	956	937	914	886	854	818	784	751	722	693	663
5°	972	953	930	902	870	835	798	763	732	703	672
3.75°	982	964	942	915	884	848	810	773	740	710	679
2.5°	988	973	951	924	893	857	818	780	746	715	684
1.25°	992	977	956	930	898	862	823	785	749	718	687
0°	993	979	958	932	900	864	825	786	750	719	688
-1.25°	992	977	956	930	898	862	823	785	749	718	687
-2.5°	988	973	951	924	893	857	818	780	746	715	684
-3.75°	982	964	942	915	884	848	810	773	740	710	679
-5°	972	953	930	902	870	835	798	763	732	703	672
-6.25°	956	937	914	886	854	818	784	751	722	693	663
-7.5°	937	917	893	865	833	800	768	738	711	681	653
-8.75°	914	893	869	841	810	780	750	724	697	669	642
-10°	886	865	841	814	786	758	733	708	681	655	630
-11.25°	854	833	810	786	761	737	715	690	665	640	616
-12.5°	818	800	780	758	737	717	694	671	647	624	601
-13.75°	784	768	750	733	715	694	673	651	629	608	586
-15°	751	738	724	708	690	671	651	631	611	591	566
-16.25°	722	711	697	681	665	647	629	611	592	570	539
-17.5°	693	681	669	655	640	624	608	591	570	541	504
-18.75°	663	653	642	630	616	601	586	566	539	504	463
-20°	635	626	616	604	592	577	558	531	498	460	419
-21.25°	608	600	590	578	564	543	518	486	451	412	370



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	580	571	560	542	523	497	468	436	400	361	321
-23.75°	543	530	514	493	470	443	414	381	346	309	271
-25°	490	476	457	437	412	385	356	324	292	259	229
-26.25°	430	415	396	375	351	325	298	269	243	216	187
-27.5°	365	350	332	312	291	267	246	223	198	172	154
-28.75°	300	286	270	254	237	219	198	176	157	147	135
-30°	242	231	219	204	188	170	156	147	138	127	117
-31.25°	190	180	168	158	151	144	136	127	118	111	105
-32.5°	151	147	142	136	130	123	115	110	105	100	94
-33.75°	129	125	120	115	111	107	103	99	94	89	84
-35°	110	108	105	102	99	95	91	87	84	80	76
-36.25°	97	95	92	90	87	84	81	78	75	71	67
-37.5°	85	84	82	80	77	75	72	69	66	63	60
-38.75°	75	74	72	70	68	66	64	61	59	56	53
-40°	66	65	64	62	60	58	56	54	52	50	48
-41.25°	58	57	56	54	52	51	50	48	47	45	43
-42.5°	51	50	49	48	47	46	45	43	42	41	39
-43.75°	46	45	44	43	42	41	40	39	38	37	36
-45°	41	40	40	39	38	37	36	35	34	33	32
-46.25°	37	36	36	35	34	33	33	32	31	30	29
-47.5°	33	32	32	31	31	30	29	29	28	27	26
-48.75°	29	29	28	28	27	27	26	25	25	24	23
-50°	26	25	25	25	24	23	23	22	21	20	20
-51.25°	22	22	22	21	21	20	19	19	18	17	16
-52.5°	19	18	18	18	17	16	16	15	14	13	13
-53.75°	15	15	14	14	13	13	12	11	10	10	9
-55°	11	11	10	10	9	9	8	7	6	6	5
-56.25°	7	6	6	6	5	4	4	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	2	2	2	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	3	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	2	2	2	2	2	2
55°	4	3	3	3	3	3	3	3	2	2	2
53.75°	8	7	5	4	3	3	3	3	3	3	2
52.5°	12	10	9	8	7	5	4	3	3	3	3
51.25°	15	14	13	12	10	9	8	6	4	3	3
50°	19	17	16	15	14	13	11	9	8	6	4
48.75°	22	21	20	18	17	16	14	13	11	10	8
47.5°	25	24	23	22	20	19	17	16	14	13	11
46.25°	28	27	26	25	23	22	21	19	17	16	14
45°	31	30	29	28	26	25	23	22	20	19	17
43.75°	34	33	32	30	29	28	26	25	23	21	20
42.5°	38	36	35	33	32	30	29	27	26	24	22
41.25°	42	40	38	37	35	33	32	30	28	27	25
40°	46	44	42	40	38	36	34	33	31	29	27
38.75°	51	49	46	44	42	40	38	36	33	32	30
37.5°	57	54	51	48	46	43	41	39	36	34	32
36.25°	64	60	57	53	50	47	45	42	39	37	35
35°	71	67	63	59	55	51	49	46	42	40	37



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	80	75	70	66	62	57	53	49	46	43	40
32.5°	88	83	78	73	68	63	58	54	50	47	43
31.25°	99	92	86	81	75	69	64	59	54	50	47
30°	109	103	96	88	82	76	70	65	60	54	50
28.75°	124	113	106	98	90	84	77	71	65	59	54
27.5°	142	129	116	107	99	91	84	77	70	64	58
26.25°	159	146	132	118	108	100	91	84	76	69	63
25°	198	166	149	134	119	108	99	90	82	75	68
23.75°	239	205	171	150	134	118	107	98	88	81	73
22.5°	280	243	207	171	149	132	116	106	96	86	78
21.25°	327	283	243	205	166	146	129	113	103	92	83
20°	374	327	280	239	198	159	142	124	109	99	88
18.75°	419	370	321	271	229	187	154	135	117	105	94
17.5°	460	412	361	309	259	216	172	147	127	111	100
16.25°	498	451	400	346	292	243	198	157	138	118	105
15°	531	486	436	381	324	269	223	176	147	127	110
13.75°	558	518	468	414	356	298	246	198	156	136	115
12.5°	577	543	497	443	385	325	267	219	170	144	123
11.25°	592	564	523	470	412	351	291	237	188	151	130
10°	604	578	542	493	437	375	312	254	204	158	136
8.75°	616	590	560	514	457	396	332	270	219	168	142
7.5°	626	600	571	530	476	415	350	286	231	180	147
6.25°	635	608	580	543	490	430	365	300	242	190	151
5°	643	615	588	553	502	442	378	312	251	199	154
3.75°	649	620	593	561	512	452	387	321	258	205	157
2.5°	653	624	596	565	519	459	394	327	263	210	159
1.25°	656	627	599	568	523	463	398	331	266	213	160
0°	657	628	599	569	524	465	400	333	267	214	160
-1.25°	656	627	599	568	523	463	398	331	266	213	160
-2.5°	653	624	596	565	519	459	394	327	263	210	159
-3.75°	649	620	593	561	512	452	387	321	258	205	157
-5°	643	615	588	553	502	442	378	312	251	199	154
-6.25°	635	608	580	543	490	430	365	300	242	190	151
-7.5°	626	600	571	530	476	415	350	286	231	180	147
-8.75°	616	590	560	514	457	396	332	270	219	168	142
-10°	604	578	542	493	437	375	312	254	204	158	136
-11.25°	592	564	523	470	412	351	291	237	188	151	130
-12.5°	577	543	497	443	385	325	267	219	170	144	123
-13.75°	558	518	468	414	356	298	246	198	156	136	115
-15°	531	486	436	381	324	269	223	176	147	127	110
-16.25°	498	451	400	346	292	243	198	157	138	118	105
-17.5°	460	412	361	309	259	216	172	147	127	111	100
-18.75°	419	370	321	271	229	187	154	135	117	105	94
-20°	374	327	280	239	198	159	142	124	109	99	88
-21.25°	327	283	243	205	166	146	129	113	103	92	83



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	280	243	207	171	149	132	116	106	96	86	78
-23.75°	239	205	171	150	134	118	107	98	88	81	73
-25°	198	166	149	134	119	108	99	90	82	75	68
-26.25°	159	146	132	118	108	100	91	84	76	69	63
-27.5°	142	129	116	107	99	91	84	77	70	64	58
-28.75°	124	113	106	98	90	84	77	71	65	59	54
-30°	109	103	96	88	82	76	70	65	60	54	50
-31.25°	99	92	86	81	75	69	64	59	54	50	47
-32.5°	88	83	78	73	68	63	58	54	50	47	43
-33.75°	80	75	70	66	62	57	53	49	46	43	40
-35°	71	67	63	59	55	51	49	46	42	40	37
-36.25°	64	60	57	53	50	47	45	42	39	37	35
-37.5°	57	54	51	48	46	43	41	39	36	34	32
-38.75°	51	49	46	44	42	40	38	36	33	32	30
-40°	46	44	42	40	38	36	34	33	31	29	27
-41.25°	42	40	38	37	35	33	32	30	28	27	25
-42.5°	38	36	35	33	32	30	29	27	26	24	22
-43.75°	34	33	32	30	29	28	26	25	23	21	20
-45°	31	30	29	28	26	25	23	22	20	19	17
-46.25°	28	27	26	25	23	22	21	19	17	16	14
-47.5°	25	24	23	22	20	19	17	16	14	13	11
-48.75°	22	21	20	18	17	16	14	13	11	10	8
-50°	19	17	16	15	14	13	11	9	8	6	4
-51.25°	15	14	13	12	10	9	8	6	4	3	3
-52.5°	12	10	9	8	7	5	4	3	3	3	3
-53.75°	8	7	5	4	3	3	3	3	3	3	2
-55°	4	3	3	3	3	3	3	3	2	2	2
-56.25°	3	3	3	3	3	2	2	2	2	2	2
-57.5°	3	3	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	1	1	1
-68.75°	2	2	2	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	2	1	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	1	1
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°	3	2	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	3	2	2	2	2	2	2
48.75°	6	4	3	3	3	3	2	2	2	2	2
47.5°	9	7	5	3	3	3	3	2	2	2	2
46.25°	12	10	8	6	4	3	3	3	2	2	2
45°	15	13	11	9	7	4	3	3	3	3	2
43.75°	18	16	14	12	9	7	5	3	3	3	2
42.5°	20	19	16	14	12	10	7	5	3	3	3
41.25°	23	21	19	17	15	12	10	7	5	3	3
40°	25	23	21	19	17	15	12	10	7	4	3
38.75°	28	26	24	22	19	17	15	12	9	7	4
37.5°	30	28	26	24	22	19	17	14	12	9	6
36.25°	32	30	28	26	24	21	19	16	14	11	8
35°	35	33	30	28	26	23	21	19	16	13	10



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	38	35	32	30	28	25	23	20	18	15	12
32.5°	40	37	35	32	30	27	25	22	20	17	14
31.25°	43	40	37	34	32	29	27	24	21	19	16
30°	46	42	39	36	33	31	28	26	23	20	17
28.75°	49	46	42	39	36	33	30	27	25	22	19
27.5°	53	49	45	41	38	34	32	29	26	23	21
26.25°	57	51	47	43	40	36	33	30	28	25	22
25°	62	55	50	46	42	38	35	32	29	26	23
23.75°	66	59	53	48	44	40	37	33	30	28	25
22.5°	70	63	57	51	46	42	38	35	32	29	26
21.25°	75	67	60	54	49	44	40	36	33	30	27
20°	80	71	64	57	51	46	42	38	34	31	28
18.75°	84	76	67	60	53	48	43	39	36	32	29
17.5°	89	80	71	63	56	50	45	41	37	33	30
16.25°	94	84	75	66	59	52	47	42	38	34	31
15°	99	87	78	69	61	54	48	43	39	35	32
13.75°	103	91	81	72	64	56	50	45	40	36	33
12.5°	107	95	84	75	66	58	51	46	41	37	33
11.25°	111	99	87	77	68	60	52	47	42	38	34
10°	115	102	90	80	70	62	54	48	43	39	35
8.75°	120	105	92	82	72	64	56	49	44	40	36
7.5°	125	108	95	84	74	65	57	50	45	40	36
6.25°	129	110	97	85	75	66	58	51	46	41	37
5°	132	112	99	87	77	67	59	51	46	41	37
3.75°	134	113	100	88	78	68	60	52	47	41	37
2.5°	136	114	101	88	78	68	60	52	47	42	37
1.25°	137	115	102	89	79	69	60	52	47	42	38
0°	138	115	102	89	79	69	61	52	47	42	38
-1.25°	137	115	102	89	79	69	60	52	47	42	38
-2.5°	136	114	101	88	78	68	60	52	47	42	37
-3.75°	134	113	100	88	78	68	60	52	47	41	37
-5°	132	112	99	87	77	67	59	51	46	41	37
-6.25°	129	110	97	85	75	66	58	51	46	41	37
-7.5°	125	108	95	84	74	65	57	50	45	40	36
-8.75°	120	105	92	82	72	64	56	49	44	40	36
-10°	115	102	90	80	70	62	54	48	43	39	35
-11.25°	111	99	87	77	68	60	52	47	42	38	34
-12.5°	107	95	84	75	66	58	51	46	41	37	33
-13.75°	103	91	81	72	64	56	50	45	40	36	33
-15°	99	87	78	69	61	54	48	43	39	35	32
-16.25°	94	84	75	66	59	52	47	42	38	34	31
-17.5°	89	80	71	63	56	50	45	41	37	33	30
-18.75°	84	76	67	60	53	48	43	39	36	32	29
-20°	80	71	64	57	51	46	42	38	34	31	28
-21.25°	75	67	60	54	49	44	40	36	33	30	27



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	70	63	57	51	46	42	38	35	32	29	26
-23.75°	66	59	53	48	44	40	37	33	30	28	25
-25°	62	55	50	46	42	38	35	32	29	26	23
-26.25°	57	51	47	43	40	36	33	30	28	25	22
-27.5°	53	49	45	41	38	34	32	29	26	23	21
-28.75°	49	46	42	39	36	33	30	27	25	22	19
-30°	46	42	39	36	33	31	28	26	23	20	17
-31.25°	43	40	37	34	32	29	27	24	21	19	16
-32.5°	40	37	35	32	30	27	25	22	20	17	14
-33.75°	38	35	32	30	28	25	23	20	18	15	12
-35°	35	33	30	28	26	23	21	19	16	13	10
-36.25°	32	30	28	26	24	21	19	16	14	11	8
-37.5°	30	28	26	24	22	19	17	14	12	9	6
-38.75°	28	26	24	22	19	17	15	12	9	7	4
-40°	25	23	21	19	17	15	12	10	7	4	3
-41.25°	23	21	19	17	15	12	10	7	5	3	3
-42.5°	20	19	16	14	12	10	7	5	3	3	3
-43.75°	18	16	14	12	9	7	5	3	3	3	2
-45°	15	13	11	9	7	4	3	3	3	3	2
-46.25°	12	10	8	6	4	3	3	3	2	2	2
-47.5°	9	7	5	3	3	3	3	2	2	2	2
-48.75°	6	4	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	3	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	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	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	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	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	1	1	1	1	1	1
55°	2	2	2	2	2	2	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	1	1	1
52.5°	2	2	2	2	2	2	2	2	1	1	1
51.25°	2	2	2	2	2	2	2	2	2	1	1
50°	2	2	2	2	2	2	2	2	2	2	1
48.75°	2	2	2	2	2	2	2	2	2	2	1
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°	3	2	2	2	2	2	2	2	2	2	2
40°	3	3	2	2	2	2	2	2	2	2	2
38.75°	3	3	3	2	2	2	2	2	2	2	2
37.5°	3	3	3	2	2	2	2	2	2	2	2
36.25°	5	3	3	3	2	2	2	2	2	2	2
35°	7	4	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	9	6	3	3	3	2	2	2	2	2	2
32.5°	11	8	4	3	3	2	2	2	2	2	2
31.25°	13	10	6	3	3	3	2	2	2	2	2
30°	14	11	8	4	3	3	2	2	2	2	2
28.75°	16	13	9	6	3	3	3	2	2	2	2
27.5°	17	14	11	8	4	3	3	2	2	2	2
26.25°	19	16	13	9	5	3	3	2	2	2	2
25°	20	17	14	10	7	3	3	3	2	2	2
23.75°	22	18	15	12	8	4	3	3	2	2	2
22.5°	23	20	16	13	9	5	3	3	2	2	2
21.25°	24	21	17	14	10	7	3	3	3	2	2
20°	25	22	19	15	12	8	4	3	3	2	2
18.75°	26	23	20	16	13	9	5	3	3	2	2
17.5°	27	24	20	17	13	10	6	3	3	2	2
16.25°	28	25	21	18	14	10	6	3	3	2	2
15°	29	25	22	19	15	11	7	3	3	3	2
13.75°	29	26	23	19	16	12	8	4	3	3	2
12.5°	30	27	23	20	16	13	9	4	3	3	2
11.25°	31	27	24	21	17	13	9	5	3	3	2
10°	31	28	25	21	18	14	10	6	3	3	2
8.75°	32	28	25	22	18	14	10	6	3	3	2
7.5°	32	29	25	22	18	15	11	6	3	3	2
6.25°	33	29	26	22	19	15	11	7	3	3	2
5°	33	30	26	23	19	15	11	7	3	3	2
3.75°	33	30	26	23	19	15	12	7	3	3	2
2.5°	33	30	26	23	19	16	12	7	3	3	2
1.25°	33	30	27	23	20	16	12	8	3	3	2
0°	34	30	27	23	20	16	12	8	3	3	3
-1.25°	33	30	27	23	20	16	12	8	3	3	3
-2.5°	33	30	26	23	19	16	12	7	3	3	2
-3.75°	33	30	26	23	19	15	12	7	3	3	2
-5°	33	30	26	23	19	15	11	7	3	3	2
-6.25°	33	29	26	22	19	15	11	7	3	3	2
-7.5°	32	29	25	22	18	15	11	6	3	3	2
-8.75°	32	28	25	22	18	14	10	6	3	3	2
-10°	31	28	25	21	18	14	10	6	3	3	2
-11.25°	31	27	24	21	17	13	9	5	3	3	2
-12.5°	30	27	23	20	16	13	9	4	3	3	2
-13.75°	29	26	23	19	16	12	8	4	3	3	2
-15°	29	25	22	19	15	11	7	3	3	3	2
-16.25°	28	25	21	18	14	10	6	3	3	2	2
-17.5°	27	24	20	17	13	10	6	3	3	2	2
-18.75°	26	23	20	16	13	9	5	3	3	2	2
-20°	25	22	19	15	12	8	4	3	3	2	2
-21.25°	24	21	17	14	10	7	3	3	3	2	2



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	23	20	16	13	9	5	3	3	2	2	2
-23.75°	22	18	15	12	8	4	3	3	2	2	2
-25°	20	17	14	10	7	3	3	3	2	2	2
-26.25°	19	16	13	9	5	3	3	2	2	2	2
-27.5°	17	14	11	8	4	3	3	2	2	2	2
-28.75°	16	13	9	6	3	3	3	2	2	2	2
-30°	14	11	8	4	3	3	2	2	2	2	2
-31.25°	13	10	6	3	3	3	2	2	2	2	2
-32.5°	11	8	4	3	3	2	2	2	2	2	2
-33.75°	9	6	3	3	3	2	2	2	2	2	2
-35°	7	4	3	3	2	2	2	2	2	2	2
-36.25°	5	3	3	3	2	2	2	2	2	2	2
-37.5°	3	3	3	2	2	2	2	2	2	2	2
-38.75°	3	3	3	2	2	2	2	2	2	2	2
-40°	3	3	2	2	2	2	2	2	2	2	2
-41.25°	3	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	1
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	1	1
-52.5°	2	2	2	2	2	2	2	2	1	1	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	2	1	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	2	2	1	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	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	2	1	1	1	1	1	1	1	0	0	0
45°	2	1	1	1	1	1	1	1	1	0	0
43.75°	2	2	1	1	1	1	1	1	1	0	0
42.5°	2	2	1	1	1	1	1	1	1	0	0
41.25°	2	2	2	1	1	1	1	1	1	0	0
40°	2	2	2	1	1	1	1	1	1	1	0
38.75°	2	2	2	1	1	1	1	1	1	1	0
37.5°	2	2	2	2	1	1	1	1	1	1	0
36.25°	2	2	2	2	1	1	1	1	1	1	0
35°	2	2	2	2	1	1	1	1	1	1	1



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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°	2	2	2	2	2	1	1	1	1	1	1
32.5°	2	2	2	2	2	1	1	1	1	1	1
31.25°	2	2	2	2	2	1	1	1	1	1	1
30°	2	2	2	2	2	1	1	1	1	1	1
28.75°	2	2	2	2	2	2	1	1	1	1	1
27.5°	2	2	2	2	2	2	1	1	1	1	1
26.25°	2	2	2	2	2	2	1	1	1	1	1
25°	2	2	2	2	2	2	1	1	1	1	1
23.75°	2	2	2	2	2	2	1	1	1	1	1
22.5°	2	2	2	2	2	2	2	1	1	1	1
21.25°	2	2	2	2	2	2	2	1	1	1	1
20°	2	2	2	2	2	2	2	1	1	1	1
18.75°	2	2	2	2	2	2	2	1	1	1	1
17.5°	2	2	2	2	2	2	2	1	1	1	1
16.25°	2	2	2	2	2	2	2	1	1	1	1
15°	2	2	2	2	2	2	2	1	1	1	1
13.75°	2	2	2	2	2	2	2	2	1	1	1
12.5°	2	2	2	2	2	2	2	2	1	1	1
11.25°	2	2	2	2	2	2	2	2	1	1	1
10°	2	2	2	2	2	2	2	2	1	1	1
8.75°	2	2	2	2	2	2	2	2	1	1	1
7.5°	2	2	2	2	2	2	2	2	1	1	1
6.25°	2	2	2	2	2	2	2	2	1	1	1
5°	2	2	2	2	2	2	2	2	1	1	1
3.75°	2	2	2	2	2	2	2	2	1	1	1
2.5°	2	2	2	2	2	2	2	2	1	1	1
1.25°	2	2	2	2	2	2	2	2	1	1	1
0°	2	2	2	2	2	2	2	2	1	1	1
-1.25°	2	2	2	2	2	2	2	2	1	1	1
-2.5°	2	2	2	2	2	2	2	2	1	1	1
-3.75°	2	2	2	2	2	2	2	2	1	1	1
-5°	2	2	2	2	2	2	2	2	1	1	1
-6.25°	2	2	2	2	2	2	2	2	1	1	1
-7.5°	2	2	2	2	2	2	2	2	1	1	1
-8.75°	2	2	2	2	2	2	2	2	1	1	1
-10°	2	2	2	2	2	2	2	2	1	1	1
-11.25°	2	2	2	2	2	2	2	2	1	1	1
-12.5°	2	2	2	2	2	2	2	2	1	1	1
-13.75°	2	2	2	2	2	2	2	2	1	1	1
-15°	2	2	2	2	2	2	2	1	1	1	1
-16.25°	2	2	2	2	2	2	2	1	1	1	1
-17.5°	2	2	2	2	2	2	2	1	1	1	1
-18.75°	2	2	2	2	2	2	2	1	1	1	1
-20°	2	2	2	2	2	2	2	1	1	1	1
-21.25°	2	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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	2	2	2	2	2	1	1	1	1
-23.75°	2	2	2	2	2	2	1	1	1	1	1
-25°	2	2	2	2	2	2	1	1	1	1	1
-26.25°	2	2	2	2	2	2	1	1	1	1	1
-27.5°	2	2	2	2	2	2	1	1	1	1	1
-28.75°	2	2	2	2	2	2	1	1	1	1	1
-30°	2	2	2	2	2	1	1	1	1	1	1
-31.25°	2	2	2	2	2	1	1	1	1	1	1
-32.5°	2	2	2	2	2	1	1	1	1	1	1
-33.75°	2	2	2	2	2	1	1	1	1	1	1
-35°	2	2	2	2	1	1	1	1	1	1	1
-36.25°	2	2	2	2	1	1	1	1	1	1	0
-37.5°	2	2	2	2	1	1	1	1	1	1	0
-38.75°	2	2	2	1	1	1	1	1	1	1	0
-40°	2	2	2	1	1	1	1	1	1	1	0
-41.25°	2	2	2	1	1	1	1	1	1	0	0
-42.5°	2	2	1	1	1	1	1	1	1	0	0
-43.75°	2	2	1	1	1	1	1	1	1	0	0
-45°	2	1	1	1	1	1	1	1	1	0	0
-46.25°	2	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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-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: P220692 (CONVERTED FROM TYPE C PHOTOMETRY)

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