

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: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220701 (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-L2-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

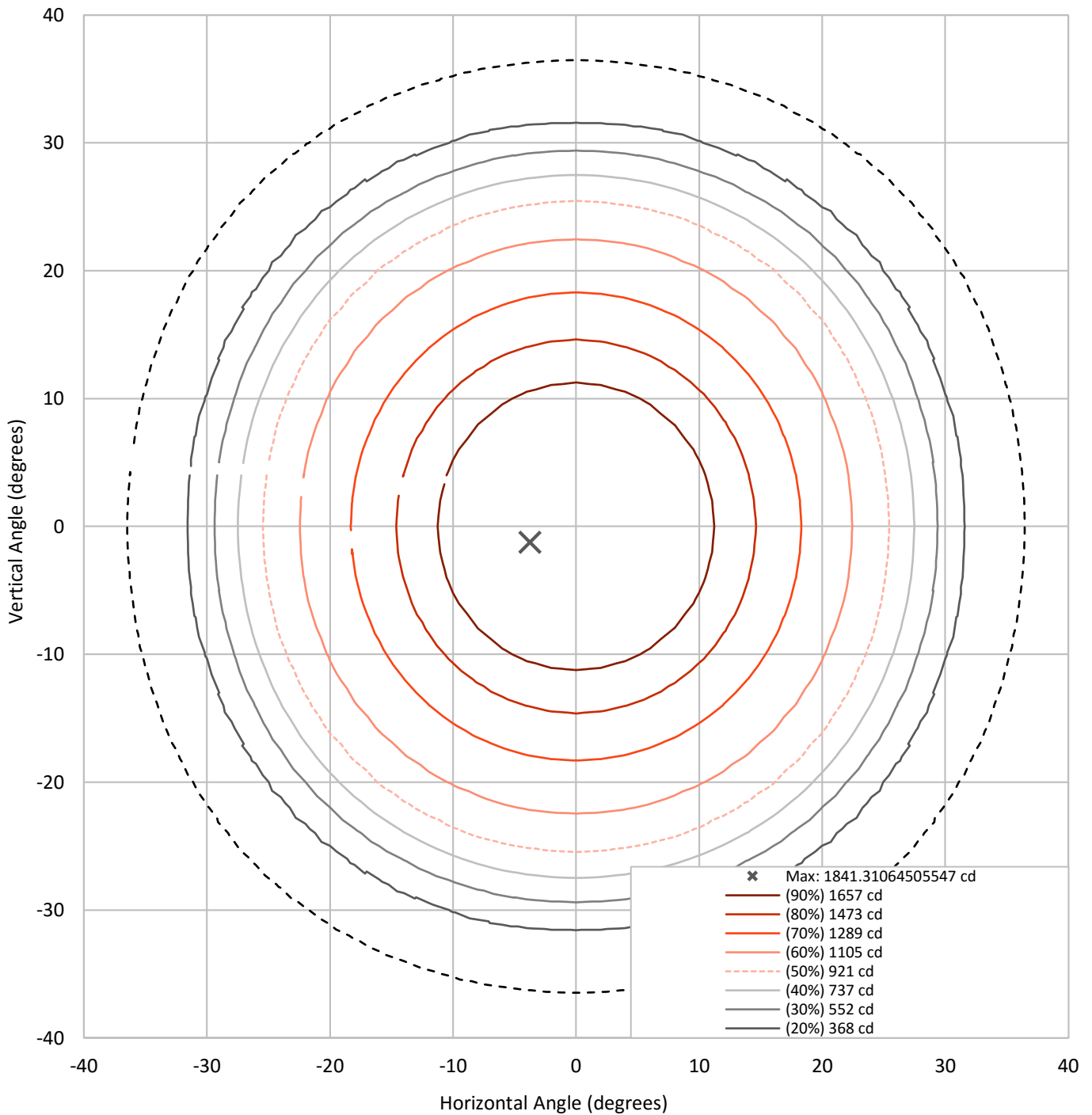
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1228.7 lumens	Max Intensity:	1841.3 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	61.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	827.6 lumens	Field Lumens:	1103.8 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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

Iso-Candela Plot





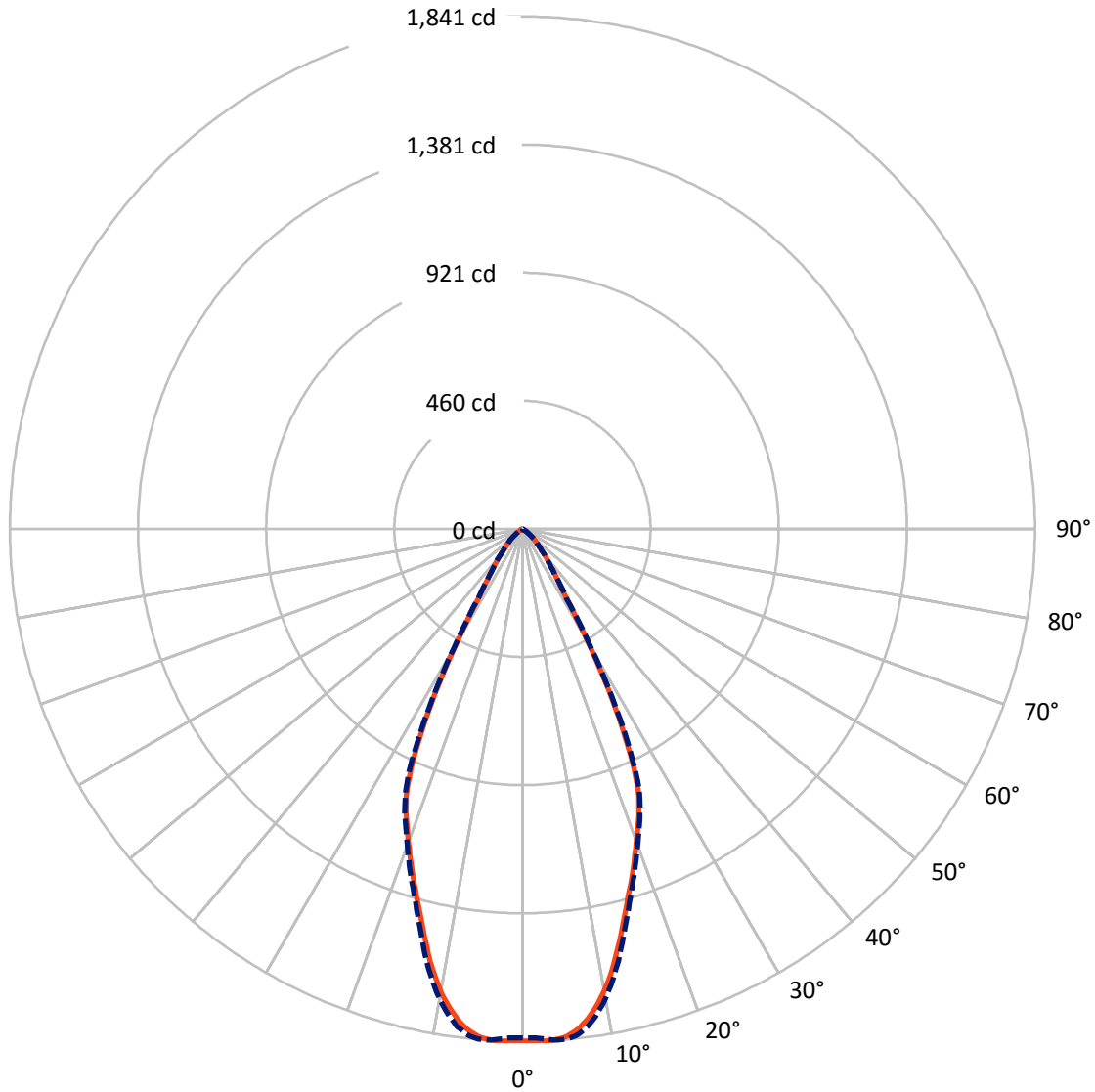
REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.2	0.5	0.7	0.7	0.5	0.2	0.1	0.1		0.0
50	0.0	0.0	0.1	0.1	0.6	1.3	2.0	2.4	2.4	2.0	1.3	0.6	0.1	0.1	0.0
40		0.0	0.1	0.5	1.5	2.9	5.0	7.0	7.0	5.0	2.9	1.5	0.5	0.1	0.0
30	0.0	0.0	0.2	1.0	2.7	6.9	17.7	26.5	26.5	17.7	6.9	2.7	1.0	0.2	0.0
20		0.0	0.3	1.5	4.3	16.7	33.8	42.6	42.6	33.8	16.7	4.3	1.5	0.3	0.0
10	0.0	0.0	0.4	1.7	5.8	24.2	41.3	53.6	53.6	41.3	24.2	5.8	1.7	0.4	0.0
0		0.0	0.4	1.7	5.8	24.2	41.3	53.6	53.6	41.3	24.2	5.8	1.7	0.4	0.0
-10	0.0	0.0	0.3	1.5	4.3	16.7	33.8	42.6	42.6	33.8	16.7	4.3	1.5	0.3	0.0
-20		0.0	0.2	1.0	2.7	6.9	17.7	26.5	26.5	17.7	6.9	2.7	1.0	0.2	0.0
-30	0.0	0.0	0.1	0.5	1.5	2.9	5.0	7.0	7.0	5.0	2.9	1.5	0.5	0.1	0.0
-40		0.0	0.1	0.1	0.6	1.3	2.0	2.4	2.4	2.0	1.3	0.6	0.1	0.1	0.0
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.7	0.7	0.5	0.2	0.1	0.1	0.0	0.0
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-80		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	

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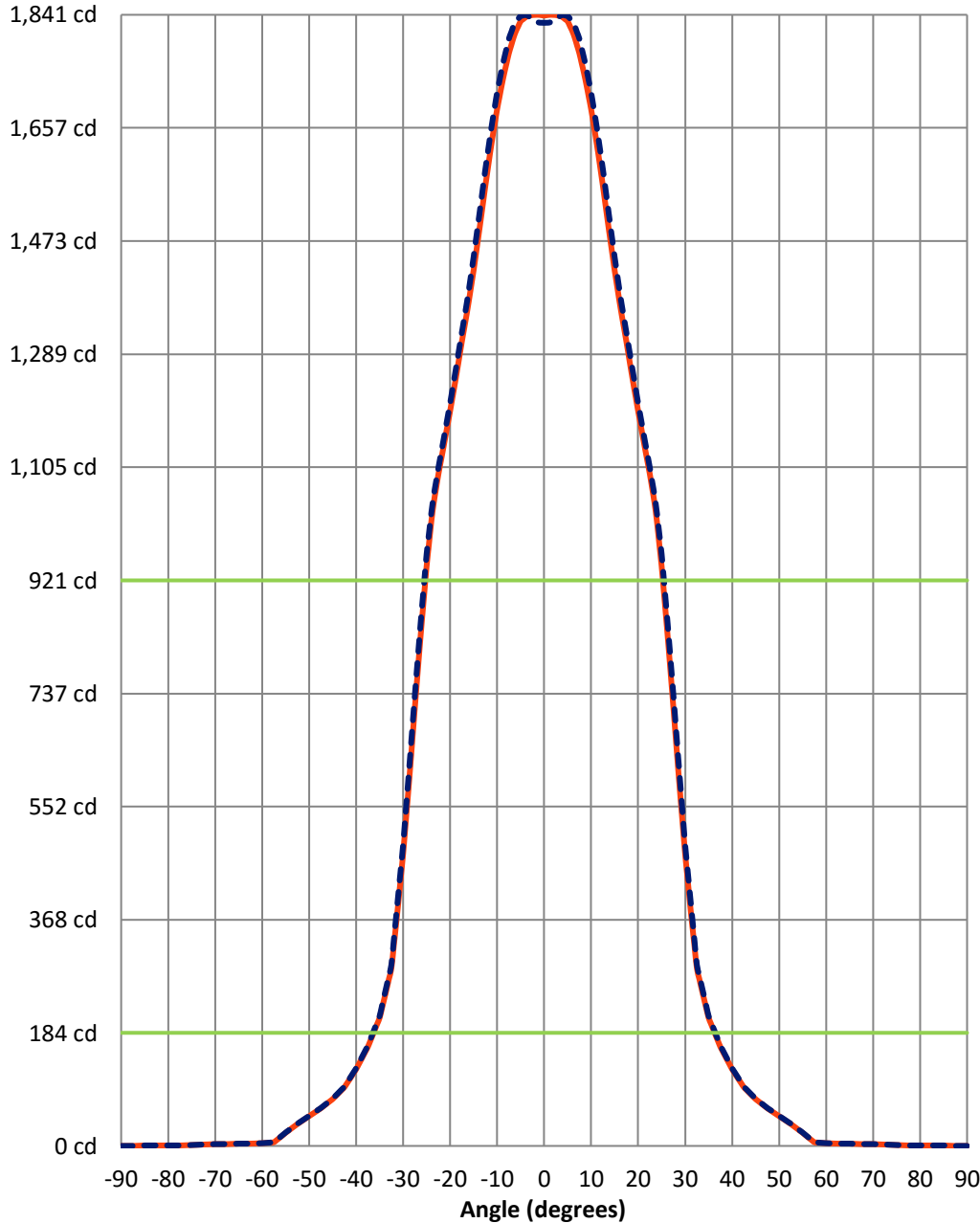
Luminous Intensity Polar Plot



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

REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 827.6
 Efficiency: 67.4%

Field:
 H Angle: 72.8°
 V Angle: 72.6°
 Lumens: 1103.8
 Efficiency: 89.8%

Spill:
 Lumens: 124.9
 Efficiency: 10.2%

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

FIELD
BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	0	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	1
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	2
52.5°	1	1	1	1	1	1	1	1	1	1	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	1	1	1	2	2	2
47.5°	1	1	1	1	1	1	1	1	2	2	2
46.25°	1	1	1	1	1	1	1	2	2	2	2
45°	1	1	1	1	1	1	1	2	2	2	3
43.75°	1	1	1	1	1	1	2	2	2	2	3
42.5°	1	1	1	1	1	1	2	2	2	2	3
41.25°	1	1	1	1	1	1	2	2	2	3	3
40°	1	1	1	1	1	2	2	2	2	3	3
38.75°	1	1	1	1	1	2	2	2	3	3	3
37.5°	1	1	1	1	1	2	2	2	3	3	3
36.25°	1	1	1	1	2	2	2	2	3	3	3
35°	1	1	1	1	2	2	2	3	3	3	3



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	1	1	1	1	2	2	2	3	3	3	3
32.5°	1	1	1	1	2	2	2	3	3	3	3
31.25°	1	1	1	1	2	2	2	3	3	3	3
30°	1	1	1	2	2	2	3	3	3	3	3
28.75°	1	1	1	2	2	2	3	3	3	3	3
27.5°	1	1	1	2	2	2	3	3	3	3	3
26.25°	1	1	1	2	2	2	3	3	3	3	3
25°	1	1	1	2	2	2	3	3	3	3	3
23.75°	1	1	1	2	2	3	3	3	3	3	3
22.5°	1	1	1	2	2	3	3	3	3	3	4
21.25°	1	1	2	2	2	3	3	3	3	3	4
20°	1	1	2	2	2	3	3	3	3	3	4
18.75°	1	1	2	2	2	3	3	3	3	3	4
17.5°	1	1	2	2	2	3	3	3	3	3	4
16.25°	1	1	2	2	2	3	3	3	3	3	4
15°	1	1	2	2	2	3	3	3	3	4	4
13.75°	1	1	2	2	2	3	3	3	3	4	4
12.5°	1	1	2	2	3	3	3	3	3	4	4
11.25°	1	1	2	2	3	3	3	3	3	4	4
10°	1	1	2	2	3	3	3	3	3	4	4
8.75°	1	1	2	2	3	3	3	3	3	4	4
7.5°	1	1	2	2	3	3	3	3	3	4	4
6.25°	1	1	2	2	3	3	3	3	3	4	4
5°	1	1	2	2	3	3	3	3	3	4	4
3.75°	1	1	2	2	3	3	3	3	3	4	4
2.5°	1	1	2	2	3	3	3	3	3	4	4
1.25°	1	1	2	2	3	3	3	3	3	4	4
0°	1	2	2	2	3	3	3	3	3	4	4
-1.25°	1	1	2	2	3	3	3	3	3	4	4
-2.5°	1	1	2	2	3	3	3	3	3	4	4
-3.75°	1	1	2	2	3	3	3	3	3	4	4
-5°	1	1	2	2	3	3	3	3	3	4	4
-6.25°	1	1	2	2	3	3	3	3	3	4	4
-7.5°	1	1	2	2	3	3	3	3	3	4	4
-8.75°	1	1	2	2	3	3	3	3	3	4	4
-10°	1	1	2	2	3	3	3	3	3	4	4
-11.25°	1	1	2	2	3	3	3	3	3	4	4
-12.5°	1	1	2	2	3	3	3	3	3	4	4
-13.75°	1	1	2	2	2	3	3	3	3	4	4
-15°	1	1	2	2	2	3	3	3	3	4	4
-16.25°	1	1	2	2	2	3	3	3	3	3	4
-17.5°	1	1	2	2	2	3	3	3	3	3	4
-18.75°	1	1	2	2	2	3	3	3	3	3	4
-20°	1	1	2	2	2	3	3	3	3	3	4
-21.25°	1	1	2	2	2	3	3	3	3	3	4



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	1	2	2	3	3	3	3	3	4
-23.75°	1	1	1	2	2	3	3	3	3	3	3
-25°	1	1	1	2	2	2	3	3	3	3	3
-26.25°	1	1	1	2	2	2	3	3	3	3	3
-27.5°	1	1	1	2	2	2	3	3	3	3	3
-28.75°	1	1	1	2	2	2	3	3	3	3	3
-30°	1	1	1	2	2	2	3	3	3	3	3
-31.25°	1	1	1	1	2	2	2	3	3	3	3
-32.5°	1	1	1	1	2	2	2	3	3	3	3
-33.75°	1	1	1	1	2	2	2	3	3	3	3
-35°	1	1	1	1	2	2	2	3	3	3	3
-36.25°	1	1	1	1	2	2	2	2	3	3	3
-37.5°	1	1	1	1	1	2	2	2	3	3	3
-38.75°	1	1	1	1	1	2	2	2	3	3	3
-40°	1	1	1	1	1	2	2	2	2	3	3
-41.25°	1	1	1	1	1	1	2	2	2	3	3
-42.5°	1	1	1	1	1	1	2	2	2	2	3
-43.75°	1	1	1	1	1	1	2	2	2	2	3
-45°	1	1	1	1	1	1	1	2	2	2	3
-46.25°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-48.75°	1	1	1	1	1	1	1	1	2	2	2
-50°	1	1	1	1	1	1	1	1	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	1	1	1	1	1	1	1	1	1	1	2
-53.75°	1	1	1	1	1	1	1	1	1	1	2
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	1	1	1	1	1	1
81.25°	0	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	1	1	2	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	1	2	2	2	2	2
61.25°	1	1	1	1	1	2	2	2	2	2	2
60°	1	1	1	2	2	2	2	2	2	3	3
58.75°	1	1	2	2	2	2	2	2	3	3	3
57.5°	1	1	2	2	2	2	2	3	3	3	3
56.25°	1	2	2	2	2	2	3	3	3	3	3
55°	2	2	2	2	2	3	3	3	3	3	3
53.75°	2	2	2	2	3	3	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
51.25°	2	2	3	3	3	3	3	3	3	3	3
50°	2	2	3	3	3	3	3	3	3	3	4
48.75°	2	3	3	3	3	3	3	3	3	4	4
47.5°	2	3	3	3	3	3	3	3	4	4	4
46.25°	3	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	3	3	3	4	4	4	4
43.75°	3	3	3	3	3	3	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	4
41.25°	3	3	3	3	3	4	4	4	4	4	4
40°	3	3	3	3	4	4	4	4	4	4	4
38.75°	3	3	3	3	4	4	4	4	4	4	5
37.5°	3	3	3	4	4	4	4	4	4	4	5
36.25°	3	3	3	4	4	4	4	4	4	5	5
35°	3	3	4	4	4	4	4	4	4	5	6



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	3	4	4	4	4	4	4	5	5	6
32.5°	3	3	4	4	4	4	4	4	5	6	8
31.25°	3	4	4	4	4	4	4	5	5	6	11
30°	3	4	4	4	4	4	4	5	6	8	14
28.75°	3	4	4	4	4	4	5	5	6	11	17
27.5°	4	4	4	4	4	4	5	5	7	14	20
26.25°	4	4	4	4	4	4	5	6	10	16	23
25°	4	4	4	4	4	5	5	6	12	19	26
23.75°	4	4	4	4	4	5	6	8	15	22	28
22.5°	4	4	4	4	4	5	6	10	17	24	30
21.25°	4	4	4	4	5	5	6	12	19	26	32
20°	4	4	4	4	5	5	7	14	21	28	34
18.75°	4	4	4	4	5	6	9	16	23	30	36
17.5°	4	4	4	4	5	6	10	18	25	31	38
16.25°	4	4	4	4	5	6	12	19	26	33	39
15°	4	4	4	5	5	6	13	21	28	34	41
13.75°	4	4	4	5	5	7	15	22	29	36	42
12.5°	4	4	4	5	5	8	16	23	30	37	43
11.25°	4	4	4	5	6	9	17	24	31	38	44
10°	4	4	4	5	6	10	18	25	32	39	45
8.75°	4	4	4	5	6	11	19	26	33	40	46
7.5°	4	4	4	5	6	12	20	27	34	41	47
6.25°	4	4	4	5	6	13	20	28	35	41	48
5°	4	4	4	5	6	13	21	28	35	42	48
3.75°	4	4	4	5	6	13	21	29	36	42	48
2.5°	4	4	4	5	6	14	22	29	36	42	49
1.25°	4	4	4	5	6	14	22	29	36	43	49
0°	4	4	5	5	6	14	22	29	36	43	49
-1.25°	4	4	4	5	6	14	22	29	36	43	49
-2.5°	4	4	4	5	6	14	22	29	36	42	49
-3.75°	4	4	4	5	6	13	21	29	36	42	48
-5°	4	4	4	5	6	13	21	28	35	42	48
-6.25°	4	4	4	5	6	13	20	28	35	41	48
-7.5°	4	4	4	5	6	12	20	27	34	41	47
-8.75°	4	4	4	5	6	11	19	26	33	40	46
-10°	4	4	4	5	6	10	18	25	32	39	45
-11.25°	4	4	4	5	6	9	17	24	31	38	44
-12.5°	4	4	4	5	5	8	16	23	30	37	43
-13.75°	4	4	4	5	5	7	15	22	29	36	42
-15°	4	4	4	5	5	6	13	21	28	34	41
-16.25°	4	4	4	4	5	6	12	19	26	33	39
-17.5°	4	4	4	4	5	6	10	18	25	31	38
-18.75°	4	4	4	4	5	6	9	16	23	30	36
-20°	4	4	4	4	5	5	7	14	21	28	34
-21.25°	4	4	4	4	5	5	6	12	19	26	32



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	4	4	4	4	5	6	10	17	24	30
-23.75°	4	4	4	4	4	5	6	8	15	22	28
-25°	4	4	4	4	4	5	5	6	12	19	26
-26.25°	4	4	4	4	4	4	5	6	10	16	23
-27.5°	4	4	4	4	4	4	5	5	7	14	20
-28.75°	3	4	4	4	4	4	5	5	6	11	17
-30°	3	4	4	4	4	4	4	5	6	8	14
-31.25°	3	4	4	4	4	4	4	5	5	6	11
-32.5°	3	3	4	4	4	4	4	4	5	6	8
-33.75°	3	3	4	4	4	4	4	4	5	5	6
-35°	3	3	4	4	4	4	4	4	4	5	6
-36.25°	3	3	3	4	4	4	4	4	4	5	5
-37.5°	3	3	3	4	4	4	4	4	4	4	5
-38.75°	3	3	3	3	4	4	4	4	4	4	5
-40°	3	3	3	3	4	4	4	4	4	4	4
-41.25°	3	3	3	3	3	4	4	4	4	4	4
-42.5°	3	3	3	3	3	4	4	4	4	4	4
-43.75°	3	3	3	3	3	3	4	4	4	4	4
-45°	3	3	3	3	3	3	3	4	4	4	4
-46.25°	3	3	3	3	3	3	3	4	4	4	4
-47.5°	2	3	3	3	3	3	3	3	4	4	4
-48.75°	2	3	3	3	3	3	3	3	3	4	4
-50°	2	2	3	3	3	3	3	3	3	3	4
-51.25°	2	2	3	3	3	3	3	3	3	3	3
-52.5°	2	2	2	3	3	3	3	3	3	3	3
-53.75°	2	2	2	2	3	3	3	3	3	3	3
-55°	2	2	2	2	2	3	3	3	3	3	3
-56.25°	1	2	2	2	2	2	3	3	3	3	3
-57.5°	1	1	2	2	2	2	2	3	3	3	3
-58.75°	1	1	2	2	2	2	2	2	3	3	3
-60°	1	1	1	2	2	2	2	2	2	3	3
-61.25°	1	1	1	1	1	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	2
70°	1	1	1	1	1	1	1	2	2	2	2
68.75°	1	1	1	1	2	2	2	2	2	2	2
67.5°	1	1	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	3	3	3
65°	2	2	2	2	2	2	3	3	3	3	3
63.75°	2	2	2	3	3	3	3	3	3	3	3
62.5°	2	2	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	4	4
57.5°	3	3	3	3	3	3	3	4	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	4	4
55°	3	3	3	3	4	4	4	4	4	4	4
53.75°	3	3	4	4	4	4	4	4	4	4	4
52.5°	3	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	5
50°	4	4	4	4	4	4	4	4	5	5	5
48.75°	4	4	4	4	4	4	4	5	5	5	6
47.5°	4	4	4	4	4	4	5	5	6	6	9
46.25°	4	4	4	4	4	5	5	6	7	11	15
45°	4	4	4	5	5	5	6	8	12	16	20
43.75°	4	4	4	5	5	6	9	13	17	22	26
42.5°	4	4	5	5	6	9	13	18	22	26	30
41.25°	4	5	5	6	9	13	18	23	27	31	35
40°	5	5	6	8	13	18	23	27	32	36	40
38.75°	5	6	7	12	17	22	27	32	36	40	44
37.5°	5	6	11	16	22	26	31	36	40	44	48
36.25°	6	9	15	20	26	30	35	40	44	48	52
35°	7	13	19	24	29	34	39	43	47	52	56



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	11	17	22	28	33	38	42	47	51	56	60
32.5°	14	20	26	31	36	41	46	50	55	59	64
31.25°	18	24	29	34	39	44	49	54	58	63	68
30°	21	27	32	38	42	47	52	57	62	67	73
28.75°	24	29	35	40	45	50	55	60	66	71	77
27.5°	26	32	38	43	48	53	58	64	70	75	82
26.25°	29	35	40	46	51	56	61	67	73	80	87
25°	32	38	43	48	54	59	65	71	77	85	92
23.75°	34	40	45	51	56	62	68	74	81	89	97
22.5°	36	42	48	53	59	65	71	77	86	94	105
21.25°	38	44	50	55	61	67	74	81	90	99	111
20°	40	46	52	57	63	70	77	85	94	105	118
18.75°	42	48	54	59	66	73	80	89	98	111	124
17.5°	44	50	56	61	68	75	83	92	103	117	131
16.25°	45	51	57	63	70	77	86	95	108	122	138
15°	47	53	59	65	72	80	89	99	113	127	144
13.75°	48	54	60	67	74	83	92	104	118	133	150
12.5°	49	56	62	69	76	85	94	108	122	138	155
11.25°	51	57	63	70	78	87	97	111	125	143	160
10°	52	58	64	72	80	89	100	114	129	147	165
8.75°	52	59	66	73	81	91	103	117	133	151	170
7.5°	53	60	67	74	83	92	105	120	136	154	175
6.25°	54	60	67	75	84	94	107	122	139	157	179
5°	54	61	68	76	85	95	109	124	141	160	182
3.75°	55	61	69	76	86	96	110	125	143	161	185
2.5°	55	62	69	77	86	96	111	126	144	163	186
1.25°	55	62	69	77	87	96	111	127	145	163	187
0°	55	62	69	77	87	97	112	127	145	164	188
-1.25°	55	62	69	77	87	96	111	127	145	163	187
-2.5°	55	62	69	77	86	96	111	126	144	163	186
-3.75°	55	61	69	76	86	96	110	125	143	161	185
-5°	54	61	68	76	85	95	109	124	141	160	182
-6.25°	54	60	67	75	84	94	107	122	139	157	179
-7.5°	53	60	67	74	83	92	105	120	136	154	175
-8.75°	52	59	66	73	81	91	103	117	133	151	170
-10°	52	58	64	72	80	89	100	114	129	147	165
-11.25°	51	57	63	70	78	87	97	111	125	143	160
-12.5°	49	56	62	69	76	85	94	108	122	138	155
-13.75°	48	54	60	67	74	83	92	104	118	133	150
-15°	47	53	59	65	72	80	89	99	113	127	144
-16.25°	45	51	57	63	70	77	86	95	108	122	138
-17.5°	44	50	56	61	68	75	83	92	103	117	131
-18.75°	42	48	54	59	66	73	80	89	98	111	124
-20°	40	46	52	57	63	70	77	85	94	105	118
-21.25°	38	44	50	55	61	67	74	81	90	99	111



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	36	42	48	53	59	65	71	77	86	94	105
-23.75°	34	40	45	51	56	62	68	74	81	89	97
-25°	32	38	43	48	54	59	65	71	77	85	92
-26.25°	29	35	40	46	51	56	61	67	73	80	87
-27.5°	26	32	38	43	48	53	58	64	70	75	82
-28.75°	24	29	35	40	45	50	55	60	66	71	77
-30°	21	27	32	38	42	47	52	57	62	67	73
-31.25°	18	24	29	34	39	44	49	54	58	63	68
-32.5°	14	20	26	31	36	41	46	50	55	59	64
-33.75°	11	17	22	28	33	38	42	47	51	56	60
-35°	7	13	19	24	29	34	39	43	47	52	56
-36.25°	6	9	15	20	26	30	35	40	44	48	52
-37.5°	5	6	11	16	22	26	31	36	40	44	48
-38.75°	5	6	7	12	17	22	27	32	36	40	44
-40°	5	5	6	8	13	18	23	27	32	36	40
-41.25°	4	5	5	6	9	13	18	23	27	31	35
-42.5°	4	4	5	5	6	9	13	18	22	26	30
-43.75°	4	4	4	5	5	6	9	13	17	22	26
-45°	4	4	4	5	5	5	6	8	12	16	20
-46.25°	4	4	4	4	4	5	5	6	7	11	15
-47.5°	4	4	4	4	4	4	5	5	6	6	9
-48.75°	4	4	4	4	4	4	4	5	5	5	6
-50°	4	4	4	4	4	4	4	4	5	5	5
-51.25°	4	4	4	4	4	4	4	4	4	4	5
-52.5°	3	4	4	4	4	4	4	4	4	4	4
-53.75°	3	3	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	3	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	3	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	2	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	3	3	3
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	3	3
68.75°	2	2	2	2	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	4
62.5°	3	3	3	3	3	3	4	4	4	4	4
61.25°	3	3	3	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	5	5	5
55°	4	4	4	4	4	5	5	5	5	6	6
53.75°	4	4	4	5	5	5	5	6	6	8	10
52.5°	4	5	5	5	6	6	7	10	12	15	17
51.25°	5	5	6	6	8	11	14	16	19	22	24
50°	6	6	8	11	14	17	20	23	26	28	30
48.75°	7	11	14	18	21	24	26	29	32	34	36
47.5°	13	17	20	24	27	29	32	35	38	40	42
46.25°	19	22	26	29	32	35	38	40	43	45	48
45°	24	28	31	34	38	40	43	46	48	51	53
43.75°	29	33	36	39	42	45	48	51	54	56	59
42.5°	34	38	41	44	47	50	53	56	59	62	65
41.25°	39	42	46	49	52	55	58	61	65	68	71
40°	43	47	50	54	57	60	64	67	71	74	77
38.75°	47	51	55	58	62	66	70	73	77	81	86
37.5°	52	56	59	63	67	71	75	80	85	89	94
36.25°	56	60	64	68	73	77	82	87	92	97	105
35°	60	64	69	74	78	84	90	95	102	109	117



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	117	130	144	159	176	195	213	244	274	315	382
-23.75°	109	121	135	149	163	180	198	218	247	276	315
-25°	102	113	125	138	152	166	183	200	220	247	274
-26.25°	95	105	116	128	141	154	168	184	200	218	244
-27.5°	90	97	108	118	130	142	155	168	183	198	213
-28.75°	84	91	99	109	119	130	142	154	166	180	195
-30°	78	85	92	100	110	119	130	141	152	163	176
-31.25°	74	79	86	92	100	109	118	128	138	149	159
-32.5°	69	74	80	86	92	99	108	116	125	135	144
-33.75°	64	69	74	79	85	91	97	105	113	121	130
-35°	60	64	69	74	78	84	90	95	102	109	117
-36.25°	56	60	64	68	73	77	82	87	92	97	105
-37.5°	52	56	59	63	67	71	75	80	85	89	94
-38.75°	47	51	55	58	62	66	70	73	77	81	86
-40°	43	47	50	54	57	60	64	67	71	74	77
-41.25°	39	42	46	49	52	55	58	61	65	68	71
-42.5°	34	38	41	44	47	50	53	56	59	62	65
-43.75°	29	33	36	39	42	45	48	51	54	56	59
-45°	24	28	31	34	38	40	43	46	48	51	53
-46.25°	19	22	26	29	32	35	38	40	43	45	48
-47.5°	13	17	20	24	27	29	32	35	38	40	42
-48.75°	7	11	14	18	21	24	26	29	32	34	36
-50°	6	6	8	11	14	17	20	23	26	28	30
-51.25°	5	5	6	6	8	11	14	16	19	22	24
-52.5°	4	5	5	5	6	6	7	10	12	15	17
-53.75°	4	4	4	5	5	5	5	6	6	8	10
-55°	4	4	4	4	4	5	5	5	5	6	6
-56.25°	4	4	4	4	4	4	4	4	5	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	3	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	3	3	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	6	6	6
56.25°	5	5	6	6	6	6	7	8	9	10	11
55°	6	7	9	10	12	13	15	16	17	18	19
53.75°	12	14	16	18	19	21	22	23	24	25	26
52.5°	19	21	23	25	26	28	29	30	31	32	33
51.25°	26	28	30	31	33	34	36	37	38	39	40
50°	32	34	36	38	39	41	42	43	44	45	46
48.75°	38	40	42	44	45	47	48	49	51	52	52
47.5°	44	46	48	50	51	53	54	56	57	58	59
46.25°	50	52	54	56	57	59	60	62	63	64	66
45°	55	57	59	61	63	65	67	69	70	72	73
43.75°	61	63	66	68	70	72	74	76	78	80	81
42.5°	67	70	73	75	77	80	83	85	87	89	91
41.25°	74	77	80	83	86	89	92	94	97	100	103
40°	81	85	89	92	95	99	104	108	111	114	117
38.75°	90	94	98	103	108	113	118	122	125	129	133
37.5°	99	105	111	117	122	127	133	138	143	147	151
36.25°	111	118	124	131	138	144	150	155	160	165	170
35°	124	132	140	147	154	161	168	175	182	188	194



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	139	147	155	163	173	182	190	198	205	211	221
32.5°	154	163	173	184	194	203	212	226	239	251	261
31.25°	170	182	194	205	217	234	250	265	278	290	309
30°	189	202	215	235	254	271	288	313	346	376	403
28.75°	208	228	249	270	290	325	366	403	438	469	498
27.5°	237	261	283	317	365	411	453	492	536	576	613
26.25°	269	294	346	398	448	496	550	600	648	692	730
25°	307	366	423	478	538	598	656	711	761	805	844
23.75°	378	440	500	570	637	702	763	818	867	910	947
22.5°	448	516	591	666	737	803	863	916	964	1000	1032
21.25°	521	602	683	760	832	897	955	1001	1040	1066	1089
20°	602	689	772	849	918	979	1029	1063	1092	1115	1136
18.75°	683	772	855	929	993	1044	1080	1109	1136	1161	1184
17.5°	760	849	929	998	1051	1089	1121	1151	1180	1208	1233
16.25°	832	918	993	1051	1092	1127	1161	1194	1225	1256	1285
15°	897	979	1044	1089	1127	1164	1201	1237	1272	1306	1334
13.75°	955	1029	1080	1121	1161	1201	1240	1280	1318	1351	1384
12.5°	1001	1063	1109	1151	1194	1237	1280	1322	1360	1398	1438
11.25°	1040	1092	1136	1180	1225	1272	1318	1360	1403	1450	1494
10°	1066	1115	1161	1208	1256	1306	1351	1398	1450	1501	1550
8.75°	1089	1136	1184	1233	1285	1334	1384	1438	1494	1550	1602
7.5°	1106	1155	1205	1256	1311	1361	1416	1476	1536	1595	1647
6.25°	1121	1172	1223	1278	1332	1385	1446	1509	1574	1633	1685
5°	1134	1186	1239	1296	1349	1407	1472	1539	1605	1664	1715
3.75°	1144	1197	1251	1309	1364	1425	1493	1563	1630	1688	1737
2.5°	1151	1204	1260	1319	1375	1439	1508	1580	1646	1705	1753
1.25°	1156	1209	1266	1324	1382	1447	1518	1590	1656	1715	1763
0°	1157	1211	1268	1326	1384	1450	1521	1594	1660	1719	1766
-1.25°	1156	1209	1266	1324	1382	1447	1518	1590	1656	1715	1763
-2.5°	1151	1204	1260	1319	1375	1439	1508	1580	1646	1705	1753
-3.75°	1144	1197	1251	1309	1364	1425	1493	1563	1630	1688	1737
-5°	1134	1186	1239	1296	1349	1407	1472	1539	1605	1664	1715
-6.25°	1121	1172	1223	1278	1332	1385	1446	1509	1574	1633	1685
-7.5°	1106	1155	1205	1256	1311	1361	1416	1476	1536	1595	1647
-8.75°	1089	1136	1184	1233	1285	1334	1384	1438	1494	1550	1602
-10°	1066	1115	1161	1208	1256	1306	1351	1398	1450	1501	1550
-11.25°	1040	1092	1136	1180	1225	1272	1318	1360	1403	1450	1494
-12.5°	1001	1063	1109	1151	1194	1237	1280	1322	1360	1398	1438
-13.75°	955	1029	1080	1121	1161	1201	1240	1280	1318	1351	1384
-15°	897	979	1044	1089	1127	1164	1201	1237	1272	1306	1334
-16.25°	832	918	993	1051	1092	1127	1161	1194	1225	1256	1285
-17.5°	760	849	929	998	1051	1089	1121	1151	1180	1208	1233
-18.75°	683	772	855	929	993	1044	1080	1109	1136	1161	1184
-20°	602	689	772	849	918	979	1029	1063	1092	1115	1136
-21.25°	521	602	683	760	832	897	955	1001	1040	1066	1089



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	448	516	591	666	737	803	863	916	964	1000	1032
-23.75°	378	440	500	570	637	702	763	818	867	910	947
-25°	307	366	423	478	538	598	656	711	761	805	844
-26.25°	269	294	346	398	448	496	550	600	648	692	730
-27.5°	237	261	283	317	365	411	453	492	536	576	613
-28.75°	208	228	249	270	290	325	366	403	438	469	498
-30°	189	202	215	235	254	271	288	313	346	376	403
-31.25°	170	182	194	205	217	234	250	265	278	290	309
-32.5°	154	163	173	184	194	203	212	226	239	251	261
-33.75°	139	147	155	163	173	182	190	198	205	211	221
-35°	124	132	140	147	154	161	168	175	182	188	194
-36.25°	111	118	124	131	138	144	150	155	160	165	170
-37.5°	99	105	111	117	122	127	133	138	143	147	151
-38.75°	90	94	98	103	108	113	118	122	125	129	133
-40°	81	85	89	92	95	99	104	108	111	114	117
-41.25°	74	77	80	83	86	89	92	94	97	100	103
-42.5°	67	70	73	75	77	80	83	85	87	89	91
-43.75°	61	63	66	68	70	72	74	76	78	80	81
-45°	55	57	59	61	63	65	67	69	70	72	73
-46.25°	50	52	54	56	57	59	60	62	63	64	66
-47.5°	44	46	48	50	51	53	54	56	57	58	59
-48.75°	38	40	42	44	45	47	48	49	51	52	52
-50°	32	34	36	38	39	41	42	43	44	45	46
-51.25°	26	28	30	31	33	34	36	37	38	39	40
-52.5°	19	21	23	25	26	28	29	30	31	32	33
-53.75°	12	14	16	18	19	21	22	23	24	25	26
-55°	6	7	9	10	12	13	15	16	17	18	19
-56.25°	5	5	6	6	6	6	7	8	9	10	11
-57.5°	5	5	5	5	5	5	5	5	6	6	6
-58.75°	4	4	4	4	4	5	5	5	5	5	5
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	3	3	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	2	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	5	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	12	13	13	13	14	14	14	14	14	13	13
55°	20	20	21	21	22	22	22	22	22	21	21
53.75°	27	28	28	29	29	29	29	29	29	29	28
52.5°	34	35	35	36	36	36	36	36	36	36	35
51.25°	41	41	42	42	42	43	43	43	42	42	42
50°	47	48	48	48	49	49	49	49	49	48	48
48.75°	53	54	54	55	55	55	55	55	55	55	54
47.5°	60	60	61	61	62	62	62	62	62	61	61
46.25°	67	67	68	69	69	69	69	69	69	69	68
45°	74	75	76	76	77	77	77	77	77	76	76
43.75°	83	84	85	86	86	87	87	87	86	86	85
42.5°	92	94	95	96	96	96	97	96	96	96	95
41.25°	105	107	109	110	111	111	112	111	111	110	109
40°	120	122	124	125	126	127	127	127	126	125	124
38.75°	136	139	141	143	144	145	145	145	144	143	141
37.5°	154	157	160	161	163	163	164	163	163	161	160
36.25°	175	179	182	185	186	187	188	187	186	185	182
35°	199	203	206	209	210	212	212	212	210	209	206



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	230	237	243	248	251	253	254	253	251	248	243
32.5°	270	278	284	289	293	295	296	295	293	289	284
31.25°	331	350	366	378	387	392	394	392	387	378	366
30°	427	447	463	476	485	491	493	491	485	476	463
28.75°	528	554	575	591	604	611	613	611	604	591	575
27.5°	645	673	696	714	727	735	737	735	727	714	696
26.25°	764	793	816	834	847	854	857	854	847	834	816
25°	877	904	927	944	956	964	966	964	956	944	927
23.75°	978	1001	1020	1035	1043	1047	1049	1047	1043	1035	1020
22.5°	1053	1070	1084	1093	1100	1104	1105	1104	1100	1093	1084
21.25°	1106	1121	1134	1144	1151	1156	1157	1156	1151	1144	1134
20°	1155	1172	1186	1197	1204	1209	1211	1209	1204	1197	1186
18.75°	1205	1223	1239	1251	1260	1266	1268	1266	1260	1251	1239
17.5°	1256	1278	1296	1309	1319	1324	1326	1324	1319	1309	1296
16.25°	1311	1332	1349	1364	1375	1382	1384	1382	1375	1364	1349
15°	1361	1385	1407	1425	1439	1447	1450	1447	1439	1425	1407
13.75°	1416	1446	1472	1493	1508	1518	1521	1518	1508	1493	1472
12.5°	1476	1509	1539	1563	1580	1590	1594	1590	1580	1563	1539
11.25°	1536	1574	1605	1630	1646	1656	1660	1656	1646	1630	1605
10°	1595	1633	1664	1688	1705	1715	1719	1715	1705	1688	1664
8.75°	1647	1685	1715	1737	1753	1763	1766	1763	1753	1737	1715
7.5°	1691	1728	1757	1779	1794	1802	1805	1802	1794	1779	1757
6.25°	1728	1763	1792	1811	1823	1829	1831	1829	1823	1811	1792
5°	1757	1792	1816	1831	1837	1839	1840	1839	1837	1831	1816
3.75°	1779	1811	1831	1839	1841	1841	1840	1841	1841	1839	1831
2.5°	1794	1823	1837	1841	1839	1834	1832	1834	1839	1841	1837
1.25°	1802	1829	1839	1841	1834	1829	1828	1829	1834	1841	1839
0°	1805	1831	1840	1840	1832	1828	1833	1828	1832	1840	1840
-1.25°	1802	1829	1839	1841	1834	1829	1828	1829	1834	1841	1839
-2.5°	1794	1823	1837	1841	1839	1834	1832	1834	1839	1841	1837
-3.75°	1779	1811	1831	1839	1841	1841	1840	1841	1841	1839	1831
-5°	1757	1792	1816	1831	1837	1839	1840	1839	1837	1831	1816
-6.25°	1728	1763	1792	1811	1823	1829	1831	1829	1823	1811	1792
-7.5°	1691	1728	1757	1779	1794	1802	1805	1802	1794	1779	1757
-8.75°	1647	1685	1715	1737	1753	1763	1766	1763	1753	1737	1715
-10°	1595	1633	1664	1688	1705	1715	1719	1715	1705	1688	1664
-11.25°	1536	1574	1605	1630	1646	1656	1660	1656	1646	1630	1605
-12.5°	1476	1509	1539	1563	1580	1590	1594	1590	1580	1563	1539
-13.75°	1416	1446	1472	1493	1508	1518	1521	1518	1508	1493	1472
-15°	1361	1385	1407	1425	1439	1447	1450	1447	1439	1425	1407
-16.25°	1311	1332	1349	1364	1375	1382	1384	1382	1375	1364	1349
-17.5°	1256	1278	1296	1309	1319	1324	1326	1324	1319	1309	1296
-18.75°	1205	1223	1239	1251	1260	1266	1268	1266	1260	1251	1239
-20°	1155	1172	1186	1197	1204	1209	1211	1209	1204	1197	1186
-21.25°	1106	1121	1134	1144	1151	1156	1157	1156	1151	1144	1134



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	1053	1070	1084	1093	1100	1104	1105	1104	1100	1093	1084
-23.75°	978	1001	1020	1035	1043	1047	1049	1047	1043	1035	1020
-25°	877	904	927	944	956	964	966	964	956	944	927
-26.25°	764	793	816	834	847	854	857	854	847	834	816
-27.5°	645	673	696	714	727	735	737	735	727	714	696
-28.75°	528	554	575	591	604	611	613	611	604	591	575
-30°	427	447	463	476	485	491	493	491	485	476	463
-31.25°	331	350	366	378	387	392	394	392	387	378	366
-32.5°	270	278	284	289	293	295	296	295	293	289	284
-33.75°	230	237	243	248	251	253	254	253	251	248	243
-35°	199	203	206	209	210	212	212	212	210	209	206
-36.25°	175	179	182	185	186	187	188	187	186	185	182
-37.5°	154	157	160	161	163	163	164	163	163	161	160
-38.75°	136	139	141	143	144	145	145	145	144	143	141
-40°	120	122	124	125	126	127	127	127	126	125	124
-41.25°	105	107	109	110	111	111	112	111	111	110	109
-42.5°	92	94	95	96	96	96	97	96	96	96	95
-43.75°	83	84	85	86	86	87	87	87	86	86	85
-45°	74	75	76	76	77	77	77	77	77	76	76
-46.25°	67	67	68	69	69	69	69	69	69	69	68
-47.5°	60	60	61	61	62	62	62	62	62	61	61
-48.75°	53	54	54	55	55	55	55	55	55	55	54
-50°	47	48	48	48	49	49	49	49	49	48	48
-51.25°	41	41	42	42	42	43	43	43	42	42	42
-52.5°	34	35	35	36	36	36	36	36	36	36	35
-53.75°	27	28	28	29	29	29	29	29	29	29	28
-55°	20	20	21	21	22	22	22	22	22	21	21
-56.25°	12	13	13	13	14	14	14	14	14	13	13
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	5	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	2	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	2	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	4	4	4
57.5°	6	6	6	6	6	5	5	5	5	5	5
56.25°	13	12	11	10	9	8	7	6	6	6	6
55°	20	20	19	18	17	16	15	13	12	10	9
53.75°	28	27	26	25	24	23	22	21	19	18	16
52.5°	35	34	33	32	31	30	29	28	26	25	23
51.25°	41	41	40	39	38	37	36	34	33	31	30
50°	48	47	46	45	44	43	42	41	39	38	36
48.75°	54	53	52	52	51	49	48	47	45	44	42
47.5°	60	60	59	58	57	56	54	53	51	50	48
46.25°	67	67	66	64	63	62	60	59	57	56	54
45°	75	74	73	72	70	69	67	65	63	61	59
43.75°	84	83	81	80	78	76	74	72	70	68	66
42.5°	94	92	91	89	87	85	83	80	77	75	73
41.25°	107	105	103	100	97	94	92	89	86	83	80
40°	122	120	117	114	111	108	104	99	95	92	89
38.75°	139	136	133	129	125	122	118	113	108	103	98
37.5°	157	154	151	147	143	138	133	127	122	117	111
36.25°	179	175	170	165	160	155	150	144	138	131	124
35°	203	199	194	188	182	175	168	161	154	147	140



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	237	230	221	211	205	198	190	182	173	163	155
32.5°	278	270	261	251	239	226	212	203	194	184	173
31.25°	350	331	309	290	278	265	250	234	217	205	194
30°	447	427	403	376	346	313	288	271	254	235	215
28.75°	554	528	498	469	438	403	366	325	290	270	249
27.5°	673	645	613	576	536	492	453	411	365	317	283
26.25°	793	764	730	692	648	600	550	496	448	398	346
25°	904	877	844	805	761	711	656	598	538	478	423
23.75°	1001	978	947	910	867	818	763	702	637	570	500
22.5°	1070	1053	1032	1000	964	916	863	803	737	666	591
21.25°	1121	1106	1089	1066	1040	1001	955	897	832	760	683
20°	1172	1155	1136	1115	1092	1063	1029	979	918	849	772
18.75°	1223	1205	1184	1161	1136	1109	1080	1044	993	929	855
17.5°	1278	1256	1233	1208	1180	1151	1121	1089	1051	998	929
16.25°	1332	1311	1285	1256	1225	1194	1161	1127	1092	1051	993
15°	1385	1361	1334	1306	1272	1237	1201	1164	1127	1089	1044
13.75°	1446	1416	1384	1351	1318	1280	1240	1201	1161	1121	1080
12.5°	1509	1476	1438	1398	1360	1322	1280	1237	1194	1151	1109
11.25°	1574	1536	1494	1450	1403	1360	1318	1272	1225	1180	1136
10°	1633	1595	1550	1501	1450	1398	1351	1306	1256	1208	1161
8.75°	1685	1647	1602	1550	1494	1438	1384	1334	1285	1233	1184
7.5°	1728	1691	1647	1595	1536	1476	1416	1361	1311	1256	1205
6.25°	1763	1728	1685	1633	1574	1509	1446	1385	1332	1278	1223
5°	1792	1757	1715	1664	1605	1539	1472	1407	1349	1296	1239
3.75°	1811	1779	1737	1688	1630	1563	1493	1425	1364	1309	1251
2.5°	1823	1794	1753	1705	1646	1580	1508	1439	1375	1319	1260
1.25°	1829	1802	1763	1715	1656	1590	1518	1447	1382	1324	1266
0°	1831	1805	1766	1719	1660	1594	1521	1450	1384	1326	1268
-1.25°	1829	1802	1763	1715	1656	1590	1518	1447	1382	1324	1266
-2.5°	1823	1794	1753	1705	1646	1580	1508	1439	1375	1319	1260
-3.75°	1811	1779	1737	1688	1630	1563	1493	1425	1364	1309	1251
-5°	1792	1757	1715	1664	1605	1539	1472	1407	1349	1296	1239
-6.25°	1763	1728	1685	1633	1574	1509	1446	1385	1332	1278	1223
-7.5°	1728	1691	1647	1595	1536	1476	1416	1361	1311	1256	1205
-8.75°	1685	1647	1602	1550	1494	1438	1384	1334	1285	1233	1184
-10°	1633	1595	1550	1501	1450	1398	1351	1306	1256	1208	1161
-11.25°	1574	1536	1494	1450	1403	1360	1318	1272	1225	1180	1136
-12.5°	1509	1476	1438	1398	1360	1322	1280	1237	1194	1151	1109
-13.75°	1446	1416	1384	1351	1318	1280	1240	1201	1161	1121	1080
-15°	1385	1361	1334	1306	1272	1237	1201	1164	1127	1089	1044
-16.25°	1332	1311	1285	1256	1225	1194	1161	1127	1092	1051	993
-17.5°	1278	1256	1233	1208	1180	1151	1121	1089	1051	998	929
-18.75°	1223	1205	1184	1161	1136	1109	1080	1044	993	929	855
-20°	1172	1155	1136	1115	1092	1063	1029	979	918	849	772
-21.25°	1121	1106	1089	1066	1040	1001	955	897	832	760	683



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	1070	1053	1032	1000	964	916	863	803	737	666	591
-23.75°	1001	978	947	910	867	818	763	702	637	570	500
-25°	904	877	844	805	761	711	656	598	538	478	423
-26.25°	793	764	730	692	648	600	550	496	448	398	346
-27.5°	673	645	613	576	536	492	453	411	365	317	283
-28.75°	554	528	498	469	438	403	366	325	290	270	249
-30°	447	427	403	376	346	313	288	271	254	235	215
-31.25°	350	331	309	290	278	265	250	234	217	205	194
-32.5°	278	270	261	251	239	226	212	203	194	184	173
-33.75°	237	230	221	211	205	198	190	182	173	163	155
-35°	203	199	194	188	182	175	168	161	154	147	140
-36.25°	179	175	170	165	160	155	150	144	138	131	124
-37.5°	157	154	151	147	143	138	133	127	122	117	111
-38.75°	139	136	133	129	125	122	118	113	108	103	98
-40°	122	120	117	114	111	108	104	99	95	92	89
-41.25°	107	105	103	100	97	94	92	89	86	83	80
-42.5°	94	92	91	89	87	85	83	80	77	75	73
-43.75°	84	83	81	80	78	76	74	72	70	68	66
-45°	75	74	73	72	70	69	67	65	63	61	59
-46.25°	67	67	66	64	63	62	60	59	57	56	54
-47.5°	60	60	59	58	57	56	54	53	51	50	48
-48.75°	54	53	52	52	51	49	48	47	45	44	42
-50°	48	47	46	45	44	43	42	41	39	38	36
-51.25°	41	41	40	39	38	37	36	34	33	31	30
-52.5°	35	34	33	32	31	30	29	28	26	25	23
-53.75°	28	27	26	25	24	23	22	21	19	18	16
-55°	20	20	19	18	17	16	15	13	12	10	9
-56.25°	13	12	11	10	9	8	7	6	6	6	6
-57.5°	6	6	6	6	6	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	3	3	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	3
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	5	4	4	4	4	4	4
55°	7	6	6	6	5	5	5	5	4	4	4
53.75°	14	12	10	8	6	6	5	5	5	5	4
52.5°	21	19	17	15	12	10	7	6	6	5	5
51.25°	28	26	24	22	19	16	14	11	8	6	6
50°	34	32	30	28	26	23	20	17	14	11	8
48.75°	40	38	36	34	32	29	26	24	21	18	14
47.5°	46	44	42	40	38	35	32	29	27	24	20
46.25°	52	50	48	45	43	40	38	35	32	29	26
45°	57	55	53	51	48	46	43	40	38	34	31
43.75°	63	61	59	56	54	51	48	45	42	39	36
42.5°	70	67	65	62	59	56	53	50	47	44	41
41.25°	77	74	71	68	65	61	58	55	52	49	46
40°	85	81	77	74	71	67	64	60	57	54	50
38.75°	94	90	86	81	77	73	70	66	62	58	55
37.5°	105	99	94	89	85	80	75	71	67	63	59
36.25°	118	111	105	97	92	87	82	77	73	68	64
35°	132	124	117	109	102	95	90	84	78	74	69



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	147	139	130	121	113	105	97	91	85	79	74
32.5°	163	154	144	135	125	116	108	99	92	86	80
31.25°	182	170	159	149	138	128	118	109	100	92	86
30°	202	189	176	163	152	141	130	119	110	100	92
28.75°	228	208	195	180	166	154	142	130	119	109	99
27.5°	261	237	213	198	183	168	155	142	130	118	108
26.25°	294	269	244	218	200	184	168	154	141	128	116
25°	366	307	274	247	220	200	183	166	152	138	125
23.75°	440	378	315	276	247	218	198	180	163	149	135
22.5°	516	448	382	315	274	244	213	195	176	159	144
21.25°	602	521	448	378	307	269	237	208	189	170	154
20°	689	602	516	440	366	294	261	228	202	182	163
18.75°	772	683	591	500	423	346	283	249	215	194	173
17.5°	849	760	666	570	478	398	317	270	235	205	184
16.25°	918	832	737	637	538	448	365	290	254	217	194
15°	979	897	803	702	598	496	411	325	271	234	203
13.75°	1029	955	863	763	656	550	453	366	288	250	212
12.5°	1063	1001	916	818	711	600	492	403	313	265	226
11.25°	1092	1040	964	867	761	648	536	438	346	278	239
10°	1115	1066	1000	910	805	692	576	469	376	290	251
8.75°	1136	1089	1032	947	844	730	613	498	403	309	261
7.5°	1155	1106	1053	978	877	764	645	528	427	331	270
6.25°	1172	1121	1070	1001	904	793	673	554	447	350	278
5°	1186	1134	1084	1020	927	816	696	575	463	366	284
3.75°	1197	1144	1093	1035	944	834	714	591	476	378	289
2.5°	1204	1151	1100	1043	956	847	727	604	485	387	293
1.25°	1209	1156	1104	1047	964	854	735	611	491	392	295
0°	1211	1157	1105	1049	966	857	737	613	493	394	296
-1.25°	1209	1156	1104	1047	964	854	735	611	491	392	295
-2.5°	1204	1151	1100	1043	956	847	727	604	485	387	293
-3.75°	1197	1144	1093	1035	944	834	714	591	476	378	289
-5°	1186	1134	1084	1020	927	816	696	575	463	366	284
-6.25°	1172	1121	1070	1001	904	793	673	554	447	350	278
-7.5°	1155	1106	1053	978	877	764	645	528	427	331	270
-8.75°	1136	1089	1032	947	844	730	613	498	403	309	261
-10°	1115	1066	1000	910	805	692	576	469	376	290	251
-11.25°	1092	1040	964	867	761	648	536	438	346	278	239
-12.5°	1063	1001	916	818	711	600	492	403	313	265	226
-13.75°	1029	955	863	763	656	550	453	366	288	250	212
-15°	979	897	803	702	598	496	411	325	271	234	203
-16.25°	918	832	737	637	538	448	365	290	254	217	194
-17.5°	849	760	666	570	478	398	317	270	235	205	184
-18.75°	772	683	591	500	423	346	283	249	215	194	173
-20°	689	602	516	440	366	294	261	228	202	182	163
-21.25°	602	521	448	378	307	269	237	208	189	170	154



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	516	448	382	315	274	244	213	195	176	159	144
-23.75°	440	378	315	276	247	218	198	180	163	149	135
-25°	366	307	274	247	220	200	183	166	152	138	125
-26.25°	294	269	244	218	200	184	168	154	141	128	116
-27.5°	261	237	213	198	183	168	155	142	130	118	108
-28.75°	228	208	195	180	166	154	142	130	119	109	99
-30°	202	189	176	163	152	141	130	119	110	100	92
-31.25°	182	170	159	149	138	128	118	109	100	92	86
-32.5°	163	154	144	135	125	116	108	99	92	86	80
-33.75°	147	139	130	121	113	105	97	91	85	79	74
-35°	132	124	117	109	102	95	90	84	78	74	69
-36.25°	118	111	105	97	92	87	82	77	73	68	64
-37.5°	105	99	94	89	85	80	75	71	67	63	59
-38.75°	94	90	86	81	77	73	70	66	62	58	55
-40°	85	81	77	74	71	67	64	60	57	54	50
-41.25°	77	74	71	68	65	61	58	55	52	49	46
-42.5°	70	67	65	62	59	56	53	50	47	44	41
-43.75°	63	61	59	56	54	51	48	45	42	39	36
-45°	57	55	53	51	48	46	43	40	38	34	31
-46.25°	52	50	48	45	43	40	38	35	32	29	26
-47.5°	46	44	42	40	38	35	32	29	27	24	20
-48.75°	40	38	36	34	32	29	26	24	21	18	14
-50°	34	32	30	28	26	23	20	17	14	11	8
-51.25°	28	26	24	22	19	16	14	11	8	6	6
-52.5°	21	19	17	15	12	10	7	6	6	5	5
-53.75°	14	12	10	8	6	6	5	5	5	5	4
-55°	7	6	6	6	5	5	5	5	4	4	4
-56.25°	5	5	5	5	5	4	4	4	4	4	4
-57.5°	5	5	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	3
-62.5°	4	4	4	4	4	4	4	3	3	3	3
-63.75°	4	4	4	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	2	2
-70°	3	3	3	3	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	1	1
-73.75°	2	2	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	1	1
67.5°	3	3	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	3	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	3	3	3
55°	4	4	4	4	4	4	4	4	4	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	5	4	4	4	4	4	4	4	4	4	4
51.25°	5	5	5	4	4	4	4	4	4	4	4
50°	6	6	5	5	5	4	4	4	4	4	4
48.75°	11	7	6	5	5	5	4	4	4	4	4
47.5°	17	13	9	6	6	5	5	4	4	4	4
46.25°	22	19	15	11	7	6	5	5	4	4	4
45°	28	24	20	16	12	8	6	5	5	5	4
43.75°	33	29	26	22	17	13	9	6	5	5	4
42.5°	38	34	30	26	22	18	13	9	6	5	5
41.25°	42	39	35	31	27	23	18	13	9	6	5
40°	47	43	40	36	32	27	23	18	13	8	6
38.75°	51	47	44	40	36	32	27	22	17	12	7
37.5°	56	52	48	44	40	36	31	26	22	16	11
36.25°	60	56	52	48	44	40	35	30	26	20	15
35°	64	60	56	52	47	43	39	34	29	24	19



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	69	64	60	56	51	47	42	38	33	28	22
32.5°	74	69	64	59	55	50	46	41	36	31	26
31.25°	79	74	68	63	58	54	49	44	39	34	29
30°	85	78	73	67	62	57	52	47	42	38	32
28.75°	91	84	77	71	66	60	55	50	45	40	35
27.5°	97	90	82	75	70	64	58	53	48	43	38
26.25°	105	95	87	80	73	67	61	56	51	46	40
25°	113	102	92	85	77	71	65	59	54	48	43
23.75°	121	109	97	89	81	74	68	62	56	51	45
22.5°	130	117	105	94	86	77	71	65	59	53	48
21.25°	139	124	111	99	90	81	74	67	61	55	50
20°	147	132	118	105	94	85	77	70	63	57	52
18.75°	155	140	124	111	98	89	80	73	66	59	54
17.5°	163	147	131	117	103	92	83	75	68	61	56
16.25°	173	154	138	122	108	95	86	77	70	63	57
15°	182	161	144	127	113	99	89	80	72	65	59
13.75°	190	168	150	133	118	104	92	83	74	67	60
12.5°	198	175	155	138	122	108	94	85	76	69	62
11.25°	205	182	160	143	125	111	97	87	78	70	63
10°	211	188	165	147	129	114	100	89	80	72	64
8.75°	221	194	170	151	133	117	103	91	81	73	66
7.5°	230	199	175	154	136	120	105	92	83	74	67
6.25°	237	203	179	157	139	122	107	94	84	75	67
5°	243	206	182	160	141	124	109	95	85	76	68
3.75°	248	209	185	161	143	125	110	96	86	76	69
2.5°	251	210	186	163	144	126	111	96	86	77	69
1.25°	253	212	187	163	145	127	111	96	87	77	69
0°	254	212	188	164	145	127	112	97	87	77	69
-1.25°	253	212	187	163	145	127	111	96	87	77	69
-2.5°	251	210	186	163	144	126	111	96	86	77	69
-3.75°	248	209	185	161	143	125	110	96	86	76	69
-5°	243	206	182	160	141	124	109	95	85	76	68
-6.25°	237	203	179	157	139	122	107	94	84	75	67
-7.5°	230	199	175	154	136	120	105	92	83	74	67
-8.75°	221	194	170	151	133	117	103	91	81	73	66
-10°	211	188	165	147	129	114	100	89	80	72	64
-11.25°	205	182	160	143	125	111	97	87	78	70	63
-12.5°	198	175	155	138	122	108	94	85	76	69	62
-13.75°	190	168	150	133	118	104	92	83	74	67	60
-15°	182	161	144	127	113	99	89	80	72	65	59
-16.25°	173	154	138	122	108	95	86	77	70	63	57
-17.5°	163	147	131	117	103	92	83	75	68	61	56
-18.75°	155	140	124	111	98	89	80	73	66	59	54
-20°	147	132	118	105	94	85	77	70	63	57	52
-21.25°	139	124	111	99	90	81	74	67	61	55	50



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	130	117	105	94	86	77	71	65	59	53	48
-23.75°	121	109	97	89	81	74	68	62	56	51	45
-25°	113	102	92	85	77	71	65	59	54	48	43
-26.25°	105	95	87	80	73	67	61	56	51	46	40
-27.5°	97	90	82	75	70	64	58	53	48	43	38
-28.75°	91	84	77	71	66	60	55	50	45	40	35
-30°	85	78	73	67	62	57	52	47	42	38	32
-31.25°	79	74	68	63	58	54	49	44	39	34	29
-32.5°	74	69	64	59	55	50	46	41	36	31	26
-33.75°	69	64	60	56	51	47	42	38	33	28	22
-35°	64	60	56	52	47	43	39	34	29	24	19
-36.25°	60	56	52	48	44	40	35	30	26	20	15
-37.5°	56	52	48	44	40	36	31	26	22	16	11
-38.75°	51	47	44	40	36	32	27	22	17	12	7
-40°	47	43	40	36	32	27	23	18	13	8	6
-41.25°	42	39	35	31	27	23	18	13	9	6	5
-42.5°	38	34	30	26	22	18	13	9	6	5	5
-43.75°	33	29	26	22	17	13	9	6	5	5	4
-45°	28	24	20	16	12	8	6	5	5	5	4
-46.25°	22	19	15	11	7	6	5	5	4	4	4
-47.5°	17	13	9	6	6	5	5	4	4	4	4
-48.75°	11	7	6	5	5	5	4	4	4	4	4
-50°	6	6	5	5	5	4	4	4	4	4	4
-51.25°	5	5	5	4	4	4	4	4	4	4	4
-52.5°	5	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	3	3
-56.25°	4	4	4	4	4	4	4	4	3	3	3
-57.5°	4	4	4	4	4	4	3	3	3	3	3
-58.75°	4	4	4	4	3	3	3	3	3	3	3
-60°	4	4	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	2
-65°	3	3	3	3	3	3	3	2	2	2	2
-66.25°	3	3	3	3	3	2	2	2	2	2	2
-67.5°	3	3	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	1	1
-70°	2	2	2	2	2	2	1	1	1	1	1
-71.25°	2	2	2	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	3	3	2	2	2	2	2	2	1	1	1
60°	3	3	3	3	2	2	2	2	2	2	1
58.75°	3	3	3	3	3	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	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	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	2	2
52.5°	4	3	3	3	3	3	3	3	3	3	2
51.25°	4	4	3	3	3	3	3	3	3	3	3
50°	4	4	4	3	3	3	3	3	3	3	3
48.75°	4	4	4	4	3	3	3	3	3	3	3
47.5°	4	4	4	4	4	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	3	3	3	3	3
43.75°	4	4	4	4	4	4	4	3	3	3	3
42.5°	4	4	4	4	4	4	4	4	3	3	3
41.25°	5	4	4	4	4	4	4	4	3	3	3
40°	5	5	4	4	4	4	4	4	4	3	3
38.75°	6	5	5	4	4	4	4	4	4	3	3
37.5°	6	5	5	4	4	4	4	4	4	4	3
36.25°	9	6	5	5	4	4	4	4	4	4	3
35°	13	7	6	5	4	4	4	4	4	4	4



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	17	11	6	5	5	4	4	4	4	4	4
32.5°	20	14	8	6	5	4	4	4	4	4	4
31.25°	24	18	11	6	5	5	4	4	4	4	4
30°	27	21	14	8	6	5	4	4	4	4	4
28.75°	29	24	17	11	6	5	5	4	4	4	4
27.5°	32	26	20	14	7	5	5	4	4	4	4
26.25°	35	29	23	16	10	6	5	4	4	4	4
25°	38	32	26	19	12	6	5	5	4	4	4
23.75°	40	34	28	22	15	8	6	5	4	4	4
22.5°	42	36	30	24	17	10	6	5	4	4	4
21.25°	44	38	32	26	19	12	6	5	5	4	4
20°	46	40	34	28	21	14	7	5	5	4	4
18.75°	48	42	36	30	23	16	9	6	5	4	4
17.5°	50	44	38	31	25	18	10	6	5	4	4
16.25°	51	45	39	33	26	19	12	6	5	4	4
15°	53	47	41	34	28	21	13	6	5	5	4
13.75°	54	48	42	36	29	22	15	7	5	5	4
12.5°	56	49	43	37	30	23	16	8	5	5	4
11.25°	57	51	44	38	31	24	17	9	6	5	4
10°	58	52	45	39	32	25	18	10	6	5	4
8.75°	59	52	46	40	33	26	19	11	6	5	4
7.5°	60	53	47	41	34	27	20	12	6	5	4
6.25°	60	54	48	41	35	28	20	13	6	5	4
5°	61	54	48	42	35	28	21	13	6	5	4
3.75°	61	55	48	42	36	29	21	13	6	5	4
2.5°	62	55	49	42	36	29	22	14	6	5	4
1.25°	62	55	49	43	36	29	22	14	6	5	4
0°	62	55	49	43	36	29	22	14	6	5	5
-1.25°	62	55	49	43	36	29	22	14	6	5	4
-2.5°	62	55	49	42	36	29	22	14	6	5	4
-3.75°	61	55	48	42	36	29	21	13	6	5	4
-5°	61	54	48	42	35	28	21	13	6	5	4
-6.25°	60	54	48	41	35	28	20	13	6	5	4
-7.5°	60	53	47	41	34	27	20	12	6	5	4
-8.75°	59	52	46	40	33	26	19	11	6	5	4
-10°	58	52	45	39	32	25	18	10	6	5	4
-11.25°	57	51	44	38	31	24	17	9	6	5	4
-12.5°	56	49	43	37	30	23	16	8	5	5	4
-13.75°	54	48	42	36	29	22	15	7	5	5	4
-15°	53	47	41	34	28	21	13	6	5	5	4
-16.25°	51	45	39	33	26	19	12	6	5	4	4
-17.5°	50	44	38	31	25	18	10	6	5	4	4
-18.75°	48	42	36	30	23	16	9	6	5	4	4
-20°	46	40	34	28	21	14	7	5	5	4	4
-21.25°	44	38	32	26	19	12	6	5	5	4	4



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	42	36	30	24	17	10	6	5	4	4	4
-23.75°	40	34	28	22	15	8	6	5	4	4	4
-25°	38	32	26	19	12	6	5	5	4	4	4
-26.25°	35	29	23	16	10	6	5	4	4	4	4
-27.5°	32	26	20	14	7	5	5	4	4	4	4
-28.75°	29	24	17	11	6	5	5	4	4	4	4
-30°	27	21	14	8	6	5	4	4	4	4	4
-31.25°	24	18	11	6	5	5	4	4	4	4	4
-32.5°	20	14	8	6	5	4	4	4	4	4	4
-33.75°	17	11	6	5	5	4	4	4	4	4	4
-35°	13	7	6	5	4	4	4	4	4	4	4
-36.25°	9	6	5	5	4	4	4	4	4	4	3
-37.5°	6	5	5	4	4	4	4	4	4	4	3
-38.75°	6	5	5	4	4	4	4	4	4	3	3
-40°	5	5	4	4	4	4	4	4	4	3	3
-41.25°	5	4	4	4	4	4	4	4	3	3	3
-42.5°	4	4	4	4	4	4	4	4	3	3	3
-43.75°	4	4	4	4	4	4	4	3	3	3	3
-45°	4	4	4	4	4	4	3	3	3	3	3
-46.25°	4	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	4	3	3	3	3	3	3
-48.75°	4	4	4	4	3	3	3	3	3	3	3
-50°	4	4	4	3	3	3	3	3	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	3	3
-52.5°	4	3	3	3	3	3	3	3	3	3	2
-53.75°	3	3	3	3	3	3	3	3	3	2	2
-55°	3	3	3	3	3	3	3	3	2	2	2
-56.25°	3	3	3	3	3	3	3	2	2	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-58.75°	3	3	3	3	3	2	2	2	2	2	2
-60°	3	3	3	3	2	2	2	2	2	2	1
-61.25°	3	3	2	2	2	2	2	2	1	1	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	0	0	0
-83.75°	1	1	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	2	1	1	1	1	1	1	1	1	1	1
55°	2	2	1	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	1	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	3	2	2	2	2	1	1	1	1	1	1
47.5°	3	2	2	2	2	1	1	1	1	1	1
46.25°	3	3	2	2	2	2	1	1	1	1	1
45°	3	3	3	2	2	2	1	1	1	1	1
43.75°	3	3	3	2	2	2	2	1	1	1	1
42.5°	3	3	3	2	2	2	2	1	1	1	1
41.25°	3	3	3	3	2	2	2	1	1	1	1
40°	3	3	3	3	2	2	2	2	1	1	1
38.75°	3	3	3	3	3	2	2	2	1	1	1
37.5°	3	3	3	3	3	2	2	2	1	1	1
36.25°	3	3	3	3	3	2	2	2	2	1	1
35°	3	3	3	3	3	3	2	2	2	1	1



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	3	3	3	3	3	2	2	2	1	1
32.5°	3	3	3	3	3	3	2	2	2	1	1
31.25°	4	3	3	3	3	3	2	2	2	1	1
30°	4	3	3	3	3	3	3	2	2	2	1
28.75°	4	3	3	3	3	3	3	2	2	2	1
27.5°	4	4	3	3	3	3	3	2	2	2	1
26.25°	4	4	3	3	3	3	3	2	2	2	1
25°	4	4	3	3	3	3	3	2	2	2	1
23.75°	4	4	3	3	3	3	3	3	2	2	1
22.5°	4	4	4	3	3	3	3	3	2	2	1
21.25°	4	4	4	3	3	3	3	3	2	2	2
20°	4	4	4	3	3	3	3	3	2	2	2
18.75°	4	4	4	3	3	3	3	3	2	2	2
17.5°	4	4	4	3	3	3	3	3	2	2	2
16.25°	4	4	4	3	3	3	3	3	2	2	2
15°	4	4	4	4	3	3	3	3	2	2	2
13.75°	4	4	4	4	3	3	3	3	2	2	2
12.5°	4	4	4	4	3	3	3	3	3	2	2
11.25°	4	4	4	4	3	3	3	3	3	2	2
10°	4	4	4	4	3	3	3	3	3	2	2
8.75°	4	4	4	4	3	3	3	3	3	2	2
7.5°	4	4	4	4	3	3	3	3	3	2	2
6.25°	4	4	4	4	3	3	3	3	3	2	2
5°	4	4	4	4	3	3	3	3	3	2	2
3.75°	4	4	4	4	3	3	3	3	3	2	2
2.5°	4	4	4	4	3	3	3	3	3	2	2
1.25°	4	4	4	4	3	3	3	3	3	2	2
0°	4	4	4	4	3	3	3	3	3	2	2
-1.25°	4	4	4	4	3	3	3	3	3	2	2
-2.5°	4	4	4	4	3	3	3	3	3	2	2
-3.75°	4	4	4	4	3	3	3	3	3	2	2
-5°	4	4	4	4	3	3	3	3	3	2	2
-6.25°	4	4	4	4	3	3	3	3	3	2	2
-7.5°	4	4	4	4	3	3	3	3	3	2	2
-8.75°	4	4	4	4	3	3	3	3	3	2	2
-10°	4	4	4	4	3	3	3	3	3	2	2
-11.25°	4	4	4	4	3	3	3	3	3	2	2
-12.5°	4	4	4	4	3	3	3	3	3	2	2
-13.75°	4	4	4	4	3	3	3	3	2	2	2
-15°	4	4	4	4	3	3	3	3	2	2	2
-16.25°	4	4	4	3	3	3	3	3	2	2	2
-17.5°	4	4	4	3	3	3	3	3	2	2	2
-18.75°	4	4	4	3	3	3	3	3	2	2	2
-20°	4	4	4	3	3	3	3	3	2	2	2
-21.25°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	4	4	3	3	3	3	3	2	2	1
-23.75°	4	4	3	3	3	3	3	3	2	2	1
-25°	4	4	3	3	3	3	3	2	2	2	1
-26.25°	4	4	3	3	3	3	3	2	2	2	1
-27.5°	4	4	3	3	3	3	3	2	2	2	1
-28.75°	4	3	3	3	3	3	3	2	2	2	1
-30°	4	3	3	3	3	3	3	2	2	2	1
-31.25°	4	3	3	3	3	3	2	2	2	1	1
-32.5°	3	3	3	3	3	3	2	2	2	1	1
-33.75°	3	3	3	3	3	3	2	2	2	1	1
-35°	3	3	3	3	3	3	2	2	2	1	1
-36.25°	3	3	3	3	3	2	2	2	2	1	1
-37.5°	3	3	3	3	3	2	2	2	1	1	1
-38.75°	3	3	3	3	3	2	2	2	1	1	1
-40°	3	3	3	3	2	2	2	2	1	1	1
-41.25°	3	3	3	3	2	2	2	1	1	1	1
-42.5°	3	3	3	2	2	2	2	1	1	1	1
-43.75°	3	3	3	2	2	2	2	1	1	1	1
-45°	3	3	3	2	2	2	1	1	1	1	1
-46.25°	3	3	2	2	2	2	1	1	1	1	1
-47.5°	3	2	2	2	2	1	1	1	1	1	1
-48.75°	3	2	2	2	2	1	1	1	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-53.75°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	2	1	1	1	1	1	1	1	1	1
-56.25°	2	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	1	1	1	1	1	1	1	1	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	0	0
30°	1	1	1	1	1	1	1	1	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	0	0
25°	1	1	1	1	1	1	1	1	1	0	0
23.75°	1	1	1	1	1	1	1	1	1	0	0
22.5°	1	1	1	1	1	1	1	1	1	0	0
21.25°	1	1	1	1	1	1	1	1	1	0	0
20°	1	1	1	1	1	1	1	1	1	0	0
18.75°	1	1	1	1	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	1	1	1	1	0	0
16.25°	1	1	1	1	1	1	1	1	1	0	0
15°	1	1	1	1	1	1	1	1	1	0	0
13.75°	1	1	1	1	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	1	1	1	1	0	0
11.25°	1	1	1	1	1	1	1	1	1	0	0
10°	1	1	1	1	1	1	1	1	1	0	0
8.75°	1	1	1	1	1	1	1	1	1	0	0
7.5°	1	1	1	1	1	1	1	1	1	0	0
6.25°	1	1	1	1	1	1	1	1	1	0	0
5°	1	1	1	1	1	1	1	1	1	0	0
3.75°	1	1	1	1	1	1	1	1	1	0	0
2.5°	1	1	1	1	1	1	1	1	1	0	0
1.25°	1	1	1	1	1	1	1	1	1	0	0
0°	2	1	1	1	1	1	1	1	1	0	0
-1.25°	1	1	1	1	1	1	1	1	1	0	0
-2.5°	1	1	1	1	1	1	1	1	1	0	0
-3.75°	1	1	1	1	1	1	1	1	1	0	0
-5°	1	1	1	1	1	1	1	1	1	0	0
-6.25°	1	1	1	1	1	1	1	1	1	0	0
-7.5°	1	1	1	1	1	1	1	1	1	0	0
-8.75°	1	1	1	1	1	1	1	1	1	0	0
-10°	1	1	1	1	1	1	1	1	1	0	0
-11.25°	1	1	1	1	1	1	1	1	1	0	0
-12.5°	1	1	1	1	1	1	1	1	1	0	0
-13.75°	1	1	1	1	1	1	1	1	1	0	0
-15°	1	1	1	1	1	1	1	1	1	0	0
-16.25°	1	1	1	1	1	1	1	1	1	0	0
-17.5°	1	1	1	1	1	1	1	1	1	0	0
-18.75°	1	1	1	1	1	1	1	1	1	0	0
-20°	1	1	1	1	1	1	1	1	1	0	0
-21.25°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220701 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)