

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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29422)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
MEDIUM FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

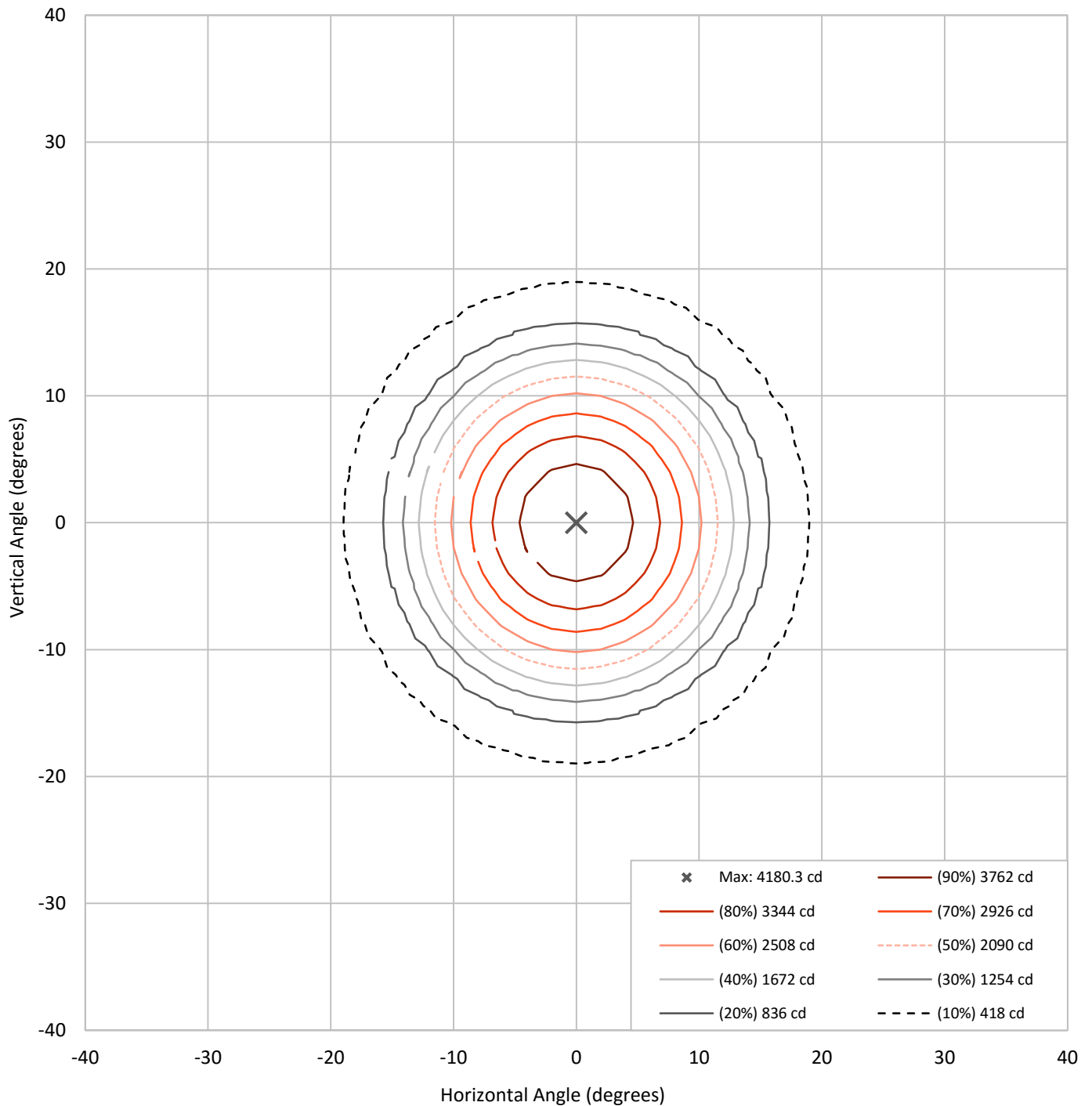
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	745.1 lumens	Max Intensity:	4180.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	389.5 lumens	Field Lumens:	597.9 lumens
Beam Efficiency:	52.3%	Field Efficiency:	80.2%
Input Watts (W):	10		
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: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

Iso-Candela Plot





REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

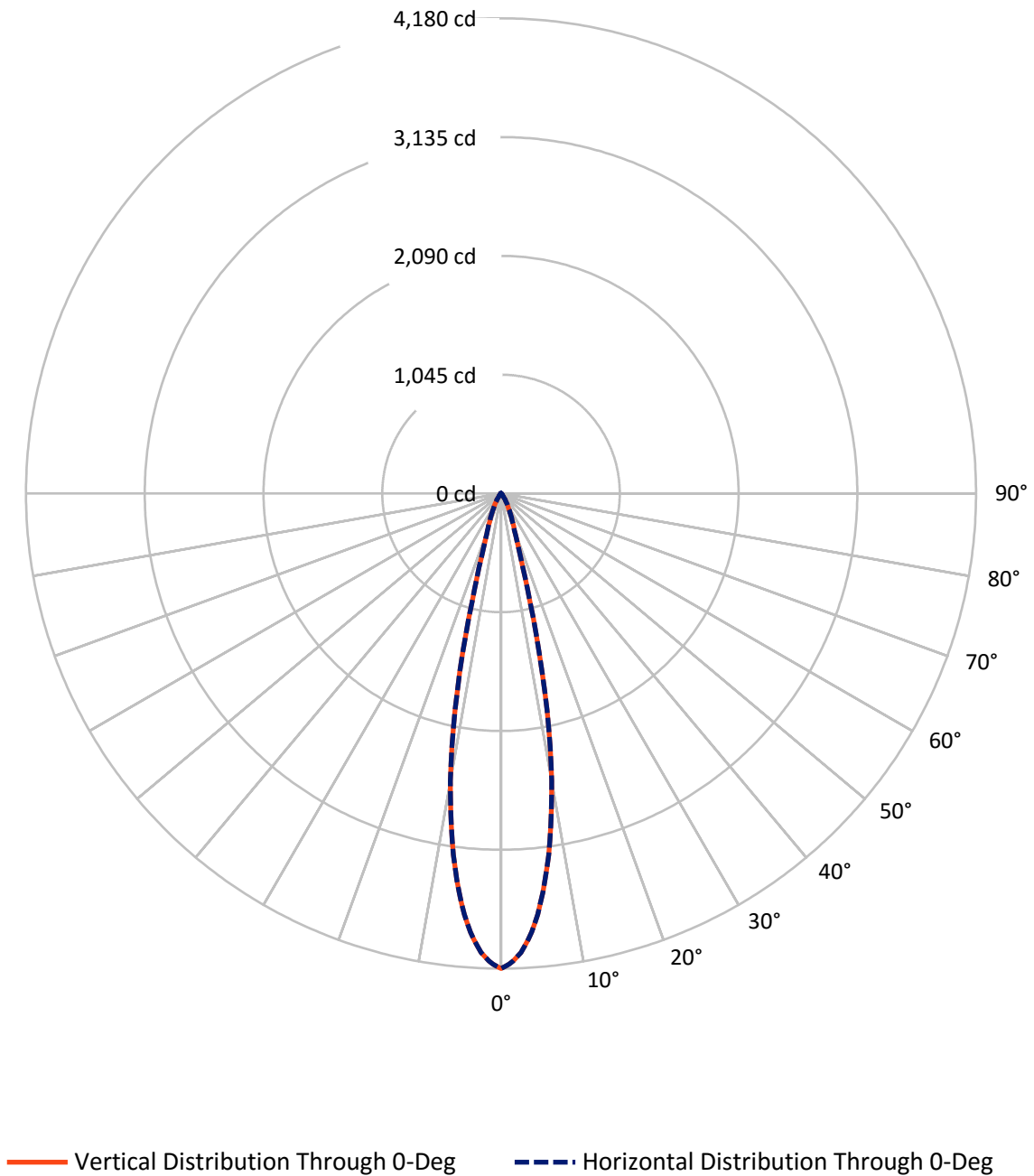
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

Lumen Table

90	0.0															
80	0.0															
70	0.0															
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.1	0.2	0.4	0.9	1.5	1.5	0.9	0.4	0.2	0.1	0.0	0.0	0.0	0.0
30	0.0	0.0	0.1	0.4	1.5	3.6	5.6	5.6	3.6	1.5	0.4	0.1	0.0	0.0	0.0	0.0
20	0.0	0.0	0.2	0.8	3.4	10.0	28.8	28.8	10.0	3.4	0.8	0.2	0.0	0.0	0.0	0.0
10	0.0	0.0	0.2	1.2	5.1	28.1	93.2	93.2	28.1	5.1	1.2	0.2	0.0	0.0	0.0	0.0
0	0.0	0.0	0.2	1.2	5.1	28.1	93.2	93.2	28.1	5.1	1.2	0.2	0.0	0.0	0.0	0.0
-10	0.0	0.0	0.2	0.8	3.4	10.0	28.8	28.8	10.0	3.4	0.8	0.2	0.0	0.0	0.0	0.0
-20	0.0	0.0	0.1	0.4	1.5	3.6	5.6	5.6	3.6	1.5	0.4	0.1	0.0	0.0	0.0	0.0
-30	0.0	0.0	0.1	0.2	0.4	0.9	1.5	1.5	0.9	0.4	0.2	0.1	0.0	0.0	0.0	0.0
-40	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-50	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
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0															
-90	0.0															

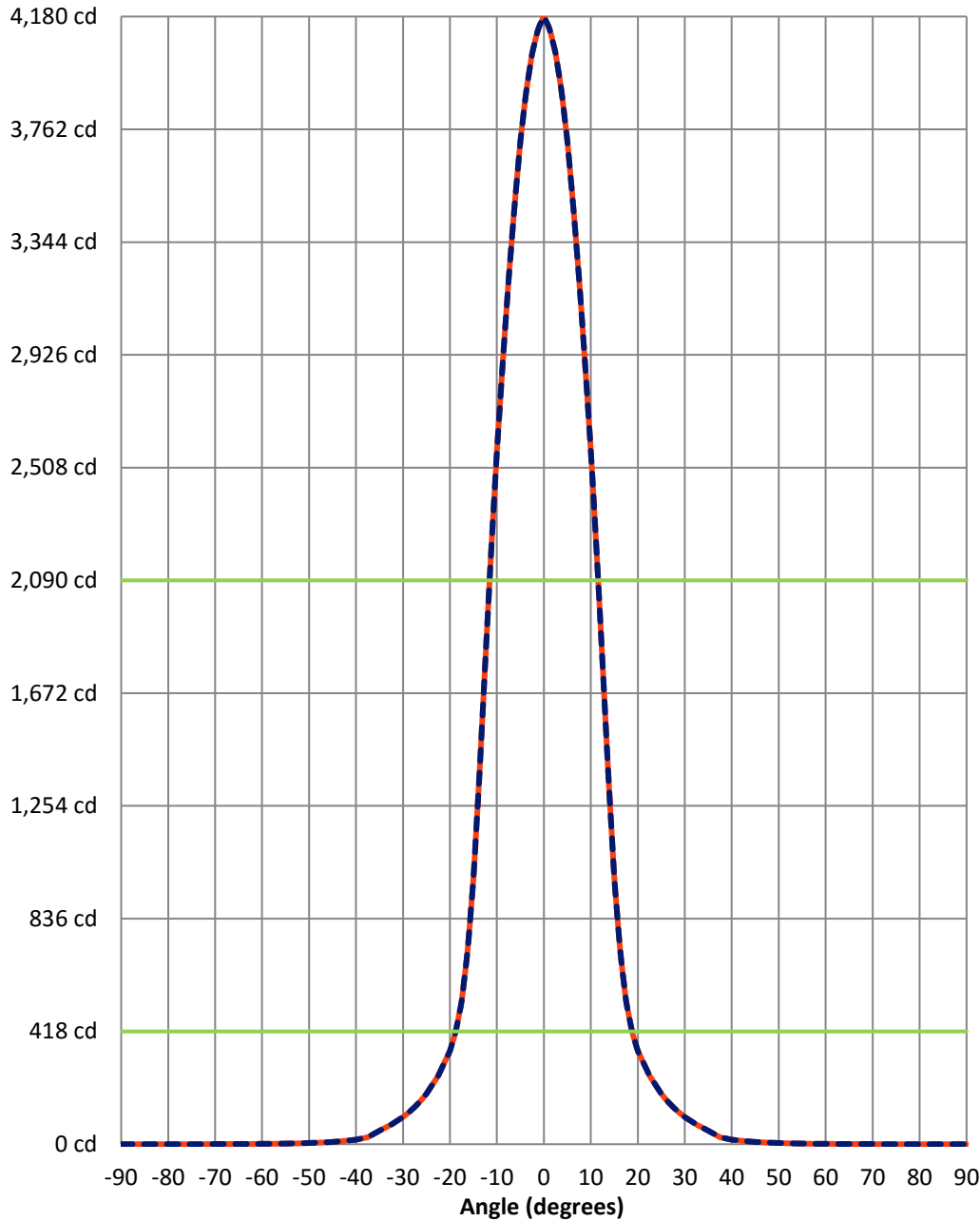
REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 389.5
 Efficiency: 52.3%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 597.9
 Efficiency: 80.2%

Spill:
 Lumens: 147.2
 Efficiency: 19.8%

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
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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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	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	1
40°	0	0	0	0	0	0	0	0	0	0	1
38.75°	0	0	0	0	0	0	0	0	0	1	1
37.5°	0	0	0	0	0	0	0	0	0	1	1
36.25°	0	0	0	0	0	0	0	0	0	1	1
35°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	0	0	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	0	1	1	1	1
-27.5°	0	0	0	0	0	0	0	1	1	1	1
-28.75°	0	0	0	0	0	0	0	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	0	1	1	1
-33.75°	0	0	0	0	0	0	0	0	1	1	1
-35°	0	0	0	0	0	0	0	0	1	1	1
-36.25°	0	0	0	0	0	0	0	0	0	1	1
-37.5°	0	0	0	0	0	0	0	0	0	1	1
-38.75°	0	0	0	0	0	0	0	0	0	1	1
-40°	0	0	0	0	0	0	0	0	0	0	1
-41.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	1	1	1	1	1	1	1	1	2	2	2
32.5°	1	1	1	1	1	1	1	1	2	2	2
31.25°	1	1	1	1	1	1	1	2	2	2	2
30°	1	1	1	1	1	1	1	2	2	2	2
28.75°	1	1	1	1	1	1	2	2	2	2	2
27.5°	1	1	1	1	1	1	2	2	2	2	2
26.25°	1	1	1	1	1	1	2	2	2	2	2
25°	1	1	1	1	1	2	2	2	2	2	2
23.75°	1	1	1	1	1	2	2	2	2	2	3
22.5°	1	1	1	1	1	2	2	2	2	2	3
21.25°	1	1	1	1	2	2	2	2	2	2	3
20°	1	1	1	1	2	2	2	2	2	3	3
18.75°	1	1	1	1	2	2	2	2	2	3	3
17.5°	1	1	1	1	2	2	2	2	2	3	3
16.25°	1	1	1	1	2	2	2	2	3	3	3
15°	1	1	1	2	2	2	2	2	3	3	4
13.75°	1	1	1	2	2	2	2	2	3	3	4
12.5°	1	1	1	2	2	2	2	2	3	3	4
11.25°	1	1	1	2	2	2	2	2	3	3	4
10°	1	1	1	2	2	2	2	2	3	3	4
8.75°	1	1	1	2	2	2	2	3	3	3	4
7.5°	1	1	1	2	2	2	2	3	3	4	4
6.25°	1	1	1	2	2	2	2	3	3	4	4
5°	1	1	1	2	2	2	2	3	3	4	4
3.75°	1	1	1	2	2	2	2	3	3	4	4
2.5°	1	1	1	2	2	2	2	3	3	4	4
1.25°	1	1	1	2	2	2	2	3	3	4	4
0°	1	1	2	2	2	2	2	3	3	4	5
-1.25°	1	1	1	2	2	2	2	3	3	4	4
-2.5°	1	1	1	2	2	2	2	3	3	4	4
-3.75°	1	1	1	2	2	2	2	3	3	4	4
-5°	1	1	1	2	2	2	2	3	3	4	4
-6.25°	1	1	1	2	2	2	2	3	3	4	4
-7.5°	1	1	1	2	2	2	2	3	3	4	4
-8.75°	1	1	1	2	2	2	2	3	3	3	4
-10°	1	1	1	2	2	2	2	2	3	3	4
-11.25°	1	1	1	2	2	2	2	2	3	3	4
-12.5°	1	1	1	2	2	2	2	2	3	3	4
-13.75°	1	1	1	2	2	2	2	2	3	3	4
-15°	1	1	1	2	2	2	2	2	3	3	4
-16.25°	1	1	1	1	2	2	2	2	3	3	3
-17.5°	1	1	1	1	2	2	2	2	2	3	3
-18.75°	1	1	1	1	2	2	2	2	2	3	3
-20°	1	1	1	1	2	2	2	2	2	3	3
-21.25°	1	1	1	1	2	2	2	2	2	2	3



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	1	1	1	1	1	2	2	2	2	2	3
-23.75°	1	1	1	1	1	2	2	2	2	2	3
-25°	1	1	1	1	1	2	2	2	2	2	2
-26.25°	1	1	1	1	1	1	2	2	2	2	2
-27.5°	1	1	1	1	1	1	2	2	2	2	2
-28.75°	1	1	1	1	1	1	2	2	2	2	2
-30°	1	1	1	1	1	1	1	2	2	2	2
-31.25°	1	1	1	1	1	1	1	2	2	2	2
-32.5°	1	1	1	1	1	1	1	1	2	2	2
-33.75°	1	1	1	1	1	1	1	1	2	2	2
-35°	1	1	1	1	1	1	1	1	1	2	2
-36.25°	1	1	1	1	1	1	1	1	1	2	2
-37.5°	1	1	1	1	1	1	1	1	1	1	2
-38.75°	1	1	1	1	1	1	1	1	1	1	2
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	0	1	1	1	1	1	1	1	1	1	1
-46.25°	0	1	1	1	1	1	1	1	1	1	1
-47.5°	0	0	1	1	1	1	1	1	1	1	1
-48.75°	0	0	1	1	1	1	1	1	1	1	1
-50°	0	0	0	1	1	1	1	1	1	1	1
-51.25°	0	0	0	0	1	1	1	1	1	1	1
-52.5°	0	0	0	0	1	1	1	1	1	1	1
-53.75°	0	0	0	0	0	1	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	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	0	1	1	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	2	2	2	3	3	3	4	4	5	5	6
32.5°	2	2	2	3	3	4	4	5	5	6	6
31.25°	2	2	3	3	3	4	4	5	6	6	7
30°	2	3	3	3	4	4	5	5	6	7	8
28.75°	2	3	3	3	4	5	5	6	7	7	8
27.5°	3	3	3	4	4	5	6	6	7	8	9
26.25°	3	3	3	4	5	5	6	7	8	9	10
25°	3	3	4	4	5	6	6	7	8	10	11
23.75°	3	3	4	5	5	6	7	8	9	11	12
22.5°	3	4	4	5	6	6	7	8	10	12	13
21.25°	3	4	5	5	6	7	8	9	11	12	14
20°	3	4	5	6	6	7	8	10	12	13	15
18.75°	4	4	5	6	7	8	9	11	12	14	16
17.5°	4	5	5	6	7	8	10	11	13	15	18
16.25°	4	5	6	6	7	8	10	12	14	16	19
15°	4	5	6	7	8	9	11	13	15	17	21
13.75°	4	5	6	7	8	9	11	13	15	18	22
12.5°	5	5	6	7	8	10	12	14	16	19	24
11.25°	5	5	6	7	8	10	12	14	17	21	25
10°	5	6	6	8	9	11	13	15	17	22	27
8.75°	5	6	7	8	9	11	13	15	18	23	29
7.5°	5	6	7	8	9	11	13	16	19	23	31
6.25°	5	6	7	8	10	12	14	16	20	24	33
5°	5	6	7	8	10	12	14	16	20	25	35
3.75°	5	6	7	8	10	12	14	16	21	25	36
2.5°	5	6	7	8	10	12	14	17	21	26	37
1.25°	5	6	7	8	10	12	14	17	21	26	38
0°	5	6	7	8	10	12	14	17	21	26	38
-1.25°	5	6	7	8	10	12	14	17	21	26	38
-2.5°	5	6	7	8	10	12	14	17	21	26	37
-3.75°	5	6	7	8	10	12	14	16	21	25	36
-5°	5	6	7	8	10	12	14	16	20	25	35
-6.25°	5	6	7	8	10	12	14	16	20	24	33
-7.5°	5	6	7	8	9	11	13	16	19	23	31
-8.75°	5	6	7	8	9	11	13	15	18	23	29
-10°	5	6	6	8	9	11	13	15	17	22	27
-11.25°	5	5	6	7	8	10	12	14	17	21	25
-12.5°	5	5	6	7	8	10	12	14	16	19	24
-13.75°	4	5	6	7	8	9	11	13	15	18	22
-15°	4	5	6	7	8	9	11	13	15	17	21
-16.25°	4	5	6	6	7	8	10	12	14	16	19
-17.5°	4	5	5	6	7	8	10	11	13	15	18
-18.75°	4	4	5	6	7	8	9	11	12	14	16
-20°	3	4	5	6	6	7	8	10	12	13	15
-21.25°	3	4	5	5	6	7	8	9	11	12	14



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	3	4	4	5	6	6	7	8	10	12	13
-23.75°	3	3	4	5	5	6	7	8	9	11	12
-25°	3	3	4	4	5	6	6	7	8	10	11
-26.25°	3	3	3	4	5	5	6	7	8	9	10
-27.5°	3	3	3	4	4	5	6	6	7	8	9
-28.75°	2	3	3	3	4	5	5	6	7	7	8
-30°	2	3	3	3	4	4	5	5	6	7	8
-31.25°	2	2	3	3	3	4	4	5	6	6	7
-32.5°	2	2	2	3	3	4	4	5	5	6	6
-33.75°	2	2	2	3	3	3	4	4	5	5	6
-35°	2	2	2	2	3	3	3	4	4	5	5
-36.25°	2	2	2	2	2	3	3	3	4	4	5
-37.5°	2	2	2	2	2	3	3	3	3	4	4
-38.75°	2	2	2	2	2	2	3	3	3	3	4
-40°	2	2	2	2	2	2	2	3	3	3	3
-41.25°	1	2	2	2	2	2	2	2	3	3	3
-42.5°	1	1	2	2	2	2	2	2	2	3	3
-43.75°	1	1	1	2	2	2	2	2	2	2	2
-45°	1	1	1	2	2	2	2	2	2	2	2
-46.25°	1	1	1	1	1	2	2	2	2	2	2
-47.5°	1	1	1	1	1	1	2	2	2	2	2
-48.75°	1	1	1	1	1	1	1	2	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	1	2
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	0	0	1	1	1	1	1	1	1	1	1
-62.5°	0	0	0	0	1	1	1	1	1	1	1
-63.75°	0	0	0	0	0	0	1	1	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	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	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	1	1	1
67.5°	0	0	0	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	2	2	2
55°	1	1	1	1	1	2	2	2	2	2	2
53.75°	1	1	1	2	2	2	2	2	2	2	2
52.5°	1	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	3	3	3	3	3
47.5°	2	2	2	2	3	3	3	3	3	3	4
46.25°	2	2	2	3	3	3	3	3	4	4	4
45°	2	3	3	3	3	3	4	4	4	5	5
43.75°	3	3	3	3	4	4	4	5	5	5	6
42.5°	3	3	4	4	4	5	5	5	6	6	6
41.25°	3	4	4	4	5	5	6	6	6	7	7
40°	4	4	5	5	5	6	6	7	7	8	8
38.75°	4	5	5	6	6	7	7	8	8	9	10
37.5°	5	5	6	6	7	7	8	9	10	11	12
36.25°	5	6	6	7	8	8	9	10	11	12	13
35°	6	6	7	8	9	10	11	12	13	14	15



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	6	7	8	9	10	11	12	13	15	16	17
32.5°	7	8	9	10	11	12	14	15	16	19	21
31.25°	8	9	10	11	13	14	15	17	20	22	25
30°	9	10	11	13	14	16	17	20	23	26	32
28.75°	10	11	12	14	16	18	21	23	27	34	41
27.5°	11	12	14	15	17	21	24	28	36	43	50
26.25°	12	13	15	17	20	23	28	36	44	52	59
25°	13	15	16	20	23	27	36	44	52	60	67
23.75°	14	16	19	22	26	34	43	52	60	67	75
22.5°	15	17	21	25	32	41	50	59	67	75	85
21.25°	16	20	23	29	39	48	57	66	74	84	94
20°	18	22	26	35	45	54	63	72	83	93	104
18.75°	20	24	31	41	51	60	69	80	91	102	115
17.5°	22	26	36	46	56	66	76	87	99	112	126
16.25°	23	30	41	51	61	71	83	94	107	122	138
15°	25	35	46	56	66	77	89	101	116	132	150
13.75°	28	39	50	60	71	83	95	109	125	142	162
12.5°	32	43	54	64	75	88	101	116	133	152	174
11.25°	35	46	57	68	80	93	107	123	142	162	187
10°	38	50	61	71	84	97	113	130	150	173	200
8.75°	41	52	63	75	88	101	118	137	158	182	212
7.5°	43	55	66	78	91	106	123	142	165	191	223
6.25°	45	57	68	80	94	109	127	147	171	200	232
5°	47	58	70	83	96	112	131	152	177	207	240
3.75°	48	60	71	84	98	115	134	156	181	213	246
2.5°	49	61	72	86	100	117	136	158	185	217	250
1.25°	50	61	73	86	100	118	137	160	186	220	253
0°	50	61	73	87	101	118	138	160	187	220	254
-1.25°	50	61	73	86	100	118	137	160	186	220	253
-2.5°	49	61	72	86	100	117	136	158	185	217	250
-3.75°	48	60	71	84	98	115	134	156	181	213	246
-5°	47	58	70	83	96	112	131	152	177	207	240
-6.25°	45	57	68	80	94	109	127	147	171	200	232
-7.5°	43	55	66	78	91	106	123	142	165	191	223
-8.75°	41	52	63	75	88	101	118	137	158	182	212
-10°	38	50	61	71	84	97	113	130	150	173	200
-11.25°	35	46	57	68	80	93	107	123	142	162	187
-12.5°	32	43	54	64	75	88	101	116	133	152	174
-13.75°	28	39	50	60	71	83	95	109	125	142	162
-15°	25	35	46	56	66	77	89	101	116	132	150
-16.25°	23	30	41	51	61	71	83	94	107	122	138
-17.5°	22	26	36	46	56	66	76	87	99	112	126
-18.75°	20	24	31	41	51	60	69	80	91	102	115
-20°	18	22	26	35	45	54	63	72	83	93	104
-21.25°	16	20	23	29	39	48	57	66	74	84	94



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	15	17	21	25	32	41	50	59	67	75	85
-23.75°	14	16	19	22	26	34	43	52	60	67	75
-25°	13	15	16	20	23	27	36	44	52	60	67
-26.25°	12	13	15	17	20	23	28	36	44	52	59
-27.5°	11	12	14	15	17	21	24	28	36	43	50
-28.75°	10	11	12	14	16	18	21	23	27	34	41
-30°	9	10	11	13	14	16	17	20	23	26	32
-31.25°	8	9	10	11	13	14	15	17	20	22	25
-32.5°	7	8	9	10	11	12	14	15	16	19	21
-33.75°	6	7	8	9	10	11	12	13	15	16	17
-35°	6	6	7	8	9	10	11	12	13	14	15
-36.25°	5	6	6	7	8	8	9	10	11	12	13
-37.5°	5	5	6	6	7	7	8	9	10	11	12
-38.75°	4	5	5	6	6	7	7	8	8	9	10
-40°	4	4	5	5	5	6	6	7	7	8	8
-41.25°	3	4	4	4	5	5	6	6	6	7	7
-42.5°	3	3	4	4	4	5	5	5	6	6	6
-43.75°	3	3	3	3	4	4	4	5	5	5	6
-45°	2	3	3	3	3	3	4	4	4	5	5
-46.25°	2	2	2	3	3	3	3	3	4	4	4
-47.5°	2	2	2	2	3	3	3	3	3	3	4
-48.75°	2	2	2	2	2	2	3	3	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	1	2	2	2	2	2	2	2	2	2	2
-53.75°	1	1	1	2	2	2	2	2	2	2	2
-55°	1	1	1	1	1	2	2	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	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	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	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	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	3
52.5°	2	2	2	2	3	3	3	3	3	3	3
51.25°	2	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	4	4	4	4	4	4
48.75°	3	3	4	4	4	4	4	5	5	5	5
47.5°	4	4	4	5	5	5	5	5	5	6	6
46.25°	5	5	5	5	6	6	6	6	6	6	7
45°	5	6	6	6	6	7	7	7	7	8	8
43.75°	6	6	7	7	7	8	8	8	8	9	9
42.5°	7	7	8	8	8	9	9	10	10	11	11
41.25°	8	8	9	10	10	11	11	12	12	13	13
40°	9	10	11	11	12	13	13	14	14	15	15
38.75°	11	12	12	13	14	15	15	16	17	17	18
37.5°	12	13	14	15	16	17	18	19	21	22	23
36.25°	14	15	16	18	19	21	22	24	25	27	29
35°	16	18	20	22	23	25	28	32	35	38	41



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	20	22	24	26	30	35	39	43	46	50	52
32.5°	23	26	31	36	41	46	50	54	57	61	63
31.25°	29	35	41	46	51	56	60	64	68	71	75
30°	39	45	51	56	61	66	71	75	80	84	88
28.75°	48	54	60	66	71	77	83	88	93	97	101
27.5°	57	63	69	76	83	89	95	101	107	113	118
26.25°	66	72	80	87	94	101	109	116	123	130	137
25°	74	83	91	99	107	116	125	133	142	150	158
23.75°	84	93	102	112	122	132	142	152	162	173	182
22.5°	94	104	115	126	138	150	162	174	187	200	212
21.25°	105	117	129	142	155	169	184	200	216	230	243
20°	117	130	144	159	175	192	211	228	245	262	281
18.75°	129	144	160	178	197	218	238	257	281	303	323
17.5°	142	159	178	199	222	243	268	295	320	343	372
16.25°	155	175	197	222	245	273	303	331	363	399	445
15°	169	192	218	243	273	306	337	376	424	479	552
13.75°	184	211	238	268	303	337	381	437	509	596	712
12.5°	200	228	257	295	331	376	437	519	628	764	936
11.25°	216	245	281	320	363	424	509	628	787	984	1213
10°	230	262	303	343	399	479	596	764	984	1245	1523
8.75°	243	281	323	372	445	552	712	936	1213	1523	1830
7.5°	255	298	341	400	491	632	841	1117	1444	1787	2110
6.25°	268	312	361	433	544	717	968	1291	1660	2022	2351
5°	279	324	379	461	590	802	1098	1459	1848	2219	2548
3.75°	288	334	393	488	643	882	1205	1595	1998	2370	2699
2.5°	295	341	406	512	681	939	1285	1696	2105	2479	2811
1.25°	299	345	415	526	705	974	1340	1758	2171	2546	2878
0°	300	346	418	531	713	986	1359	1779	2193	2569	2901
-1.25°	299	345	415	526	705	974	1340	1758	2171	2546	2878
-2.5°	295	341	406	512	681	939	1285	1696	2105	2479	2811
-3.75°	288	334	393	488	643	882	1205	1595	1998	2370	2699
-5°	279	324	379	461	590	802	1098	1459	1848	2219	2548
-6.25°	268	312	361	433	544	717	968	1291	1660	2022	2351
-7.5°	255	298	341	400	491	632	841	1117	1444	1787	2110
-8.75°	243	281	323	372	445	552	712	936	1213	1523	1830
-10°	230	262	303	343	399	479	596	764	984	1245	1523
-11.25°	216	245	281	320	363	424	509	628	787	984	1213
-12.5°	200	228	257	295	331	376	437	519	628	764	936
-13.75°	184	211	238	268	303	337	381	437	509	596	712
-15°	169	192	218	243	273	306	337	376	424	479	552
-16.25°	155	175	197	222	245	273	303	331	363	399	445
-17.5°	142	159	178	199	222	243	268	295	320	343	372
-18.75°	129	144	160	178	197	218	238	257	281	303	323
-20°	117	130	144	159	175	192	211	228	245	262	281
-21.25°	105	117	129	142	155	169	184	200	216	230	243



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	94	104	115	126	138	150	162	174	187	200	212
-23.75°	84	93	102	112	122	132	142	152	162	173	182
-25°	74	83	91	99	107	116	125	133	142	150	158
-26.25°	66	72	80	87	94	101	109	116	123	130	137
-27.5°	57	63	69	76	83	89	95	101	107	113	118
-28.75°	48	54	60	66	71	77	83	88	93	97	101
-30°	39	45	51	56	61	66	71	75	80	84	88
-31.25°	29	35	41	46	51	56	60	64	68	71	75
-32.5°	23	26	31	36	41	46	50	54	57	61	63
-33.75°	20	22	24	26	30	35	39	43	46	50	52
-35°	16	18	20	22	23	25	28	32	35	38	41
-36.25°	14	15	16	18	19	21	22	24	25	27	29
-37.5°	12	13	14	15	16	17	18	19	21	22	23
-38.75°	11	12	12	13	14	15	15	16	17	17	18
-40°	9	10	11	11	12	13	13	14	14	15	15
-41.25°	8	8	9	10	10	11	11	12	12	13	13
-42.5°	7	7	8	8	8	9	9	10	10	11	11
-43.75°	6	6	7	7	7	8	8	8	8	9	9
-45°	5	6	6	6	6	7	7	7	7	8	8
-46.25°	5	5	5	5	6	6	6	6	6	6	7
-47.5°	4	4	4	5	5	5	5	5	5	6	6
-48.75°	3	3	4	4	4	4	4	5	5	5	5
-50°	3	3	3	3	3	4	4	4	4	4	4
-51.25°	2	3	3	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	3
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	0	1	1	1	1	1	1	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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	0	0	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	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	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	2	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	5	4	4	4	4
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	7	7	7	7	7	7	7	7	7	7	7
45°	8	8	8	8	8	8	8	8	8	8	8
43.75°	9	10	10	10	10	10	10	10	10	10	10
42.5°	11	12	12	12	12	12	12	12	12	12	12
41.25°	13	14	14	14	14	14	14	14	14	14	14
40°	16	16	16	16	17	17	17	17	17	16	16
38.75°	19	20	20	21	21	21	21	21	21	21	20
37.5°	23	24	25	25	26	26	26	26	26	25	25
36.25°	31	33	35	36	37	38	38	38	37	36	35
35°	43	45	47	48	49	50	50	50	49	48	47



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	55	57	58	60	61	61	61	61	61	60	58
32.5°	66	68	70	71	72	73	73	73	72	71	70
31.25°	78	80	83	84	86	86	87	86	86	84	83
30°	91	94	96	98	100	100	101	100	100	98	96
28.75°	106	109	112	115	117	118	118	118	117	115	112
27.5°	123	127	131	134	136	137	138	137	136	134	131
26.25°	142	147	152	156	158	160	160	160	158	156	152
25°	165	171	177	181	185	186	187	186	185	181	177
23.75°	191	200	207	213	217	220	220	220	217	213	207
22.5°	223	232	240	246	250	253	254	253	250	246	240
21.25°	255	268	279	288	295	299	300	299	295	288	279
20°	298	312	324	334	341	345	346	345	341	334	324
18.75°	341	361	379	393	406	415	418	415	406	393	379
17.5°	400	433	461	488	512	526	531	526	512	488	461
16.25°	491	544	590	643	681	705	713	705	681	643	590
15°	632	717	802	882	939	974	986	974	939	882	802
13.75°	841	968	1098	1205	1285	1340	1359	1340	1285	1205	1098
12.5°	1117	1291	1459	1595	1696	1758	1779	1758	1696	1595	1459
11.25°	1444	1660	1848	1998	2105	2171	2193	2171	2105	1998	1848
10°	1787	2022	2219	2370	2479	2546	2569	2546	2479	2370	2219
8.75°	2110	2351	2548	2699	2811	2878	2901	2878	2811	2699	2548
7.5°	2394	2635	2836	2994	3113	3183	3207	3183	3113	2994	2836
6.25°	2635	2880	3091	3257	3379	3453	3479	3453	3379	3257	3091
5°	2836	3091	3307	3480	3608	3690	3718	3690	3608	3480	3307
3.75°	2994	3257	3480	3662	3796	3882	3906	3882	3796	3662	3480
2.5°	3113	3379	3608	3796	3933	4016	4043	4016	3933	3796	3608
1.25°	3183	3453	3690	3882	4016	4102	4134	4102	4016	3882	3690
0°	3207	3479	3718	3906	4043	4134	4180	4134	4043	3906	3718
-1.25°	3183	3453	3690	3882	4016	4102	4134	4102	4016	3882	3690
-2.5°	3113	3379	3608	3796	3933	4016	4043	4016	3933	3796	3608
-3.75°	2994	3257	3480	3662	3796	3882	3906	3882	3796	3662	3480
-5°	2836	3091	3307	3480	3608	3690	3718	3690	3608	3480	3307
-6.25°	2635	2880	3091	3257	3379	3453	3479	3453	3379	3257	3091
-7.5°	2394	2635	2836	2994	3113	3183	3207	3183	3113	2994	2836
-8.75°	2110	2351	2548	2699	2811	2878	2901	2878	2811	2699	2548
-10°	1787	2022	2219	2370	2479	2546	2569	2546	2479	2370	2219
-11.25°	1444	1660	1848	1998	2105	2171	2193	2171	2105	1998	1848
-12.5°	1117	1291	1459	1595	1696	1758	1779	1758	1696	1595	1459
-13.75°	841	968	1098	1205	1285	1340	1359	1340	1285	1205	1098
-15°	632	717	802	882	939	974	986	974	939	882	802
-16.25°	491	544	590	643	681	705	713	705	681	643	590
-17.5°	400	433	461	488	512	526	531	526	512	488	461
-18.75°	341	361	379	393	406	415	418	415	406	393	379
-20°	298	312	324	334	341	345	346	345	341	334	324
-21.25°	255	268	279	288	295	299	300	299	295	288	279



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	223	232	240	246	250	253	254	253	250	246	240
-23.75°	191	200	207	213	217	220	220	220	217	213	207
-25°	165	171	177	181	185	186	187	186	185	181	177
-26.25°	142	147	152	156	158	160	160	160	158	156	152
-27.5°	123	127	131	134	136	137	138	137	136	134	131
-28.75°	106	109	112	115	117	118	118	118	117	115	112
-30°	91	94	96	98	100	100	101	100	100	98	96
-31.25°	78	80	83	84	86	86	87	86	86	84	83
-32.5°	66	68	70	71	72	73	73	73	72	71	70
-33.75°	55	57	58	60	61	61	61	61	61	60	58
-35°	43	45	47	48	49	50	50	50	49	48	47
-36.25°	31	33	35	36	37	38	38	38	37	36	35
-37.5°	23	24	25	25	26	26	26	26	26	25	25
-38.75°	19	20	20	21	21	21	21	21	21	21	20
-40°	16	16	16	16	17	17	17	17	17	16	16
-41.25°	13	14	14	14	14	14	14	14	14	14	14
-42.5°	11	12	12	12	12	12	12	12	12	12	12
-43.75°	9	10	10	10	10	10	10	10	10	10	10
-45°	8	8	8	8	8	8	8	8	8	8	8
-46.25°	7	7	7	7	7	7	7	7	7	7	7
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	4	4	4	4	4	4	5	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	2	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	1	1	1	1	1	2	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°	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	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	1	1	1	1	1	1	1	1	0	0
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°	2	2	2	2	2	2	2	2	1	1	1
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°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	2	2
51.25°	4	4	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	4	4	4	3	3	3
48.75°	5	5	5	5	5	5	4	4	4	4	4
47.5°	6	6	6	6	5	5	5	5	5	5	4
46.25°	7	7	7	6	6	6	6	6	6	5	5
45°	8	8	8	8	7	7	7	7	6	6	6
43.75°	10	9	9	9	8	8	8	8	7	7	7
42.5°	12	11	11	11	10	10	9	9	8	8	8
41.25°	14	13	13	13	12	12	11	11	10	10	9
40°	16	16	15	15	14	14	13	13	12	11	11
38.75°	20	19	18	17	17	16	15	15	14	13	12
37.5°	24	23	23	22	21	19	18	17	16	15	14
36.25°	33	31	29	27	25	24	22	21	19	18	16
35°	45	43	41	38	35	32	28	25	23	22	20



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	57	55	52	50	46	43	39	35	30	26	24
32.5°	68	66	63	61	57	54	50	46	41	36	31
31.25°	80	78	75	71	68	64	60	56	51	46	41
30°	94	91	88	84	80	75	71	66	61	56	51
28.75°	109	106	101	97	93	88	83	77	71	66	60
27.5°	127	123	118	113	107	101	95	89	83	76	69
26.25°	147	142	137	130	123	116	109	101	94	87	80
25°	171	165	158	150	142	133	125	116	107	99	91
23.75°	200	191	182	173	162	152	142	132	122	112	102
22.5°	232	223	212	200	187	174	162	150	138	126	115
21.25°	268	255	243	230	216	200	184	169	155	142	129
20°	312	298	281	262	245	228	211	192	175	159	144
18.75°	361	341	323	303	281	257	238	218	197	178	160
17.5°	433	400	372	343	320	295	268	243	222	199	178
16.25°	544	491	445	399	363	331	303	273	245	222	197
15°	717	632	552	479	424	376	337	306	273	243	218
13.75°	968	841	712	596	509	437	381	337	303	268	238
12.5°	1291	1117	936	764	628	519	437	376	331	295	257
11.25°	1660	1444	1213	984	787	628	509	424	363	320	281
10°	2022	1787	1523	1245	984	764	596	479	399	343	303
8.75°	2351	2110	1830	1523	1213	936	712	552	445	372	323
7.5°	2635	2394	2110	1787	1444	1117	841	632	491	400	341
6.25°	2880	2635	2351	2022	1660	1291	968	717	544	433	361
5°	3091	2836	2548	2219	1848	1459	1098	802	590	461	379
3.75°	3257	2994	2699	2370	1998	1595	1205	882	643	488	393
2.5°	3379	3113	2811	2479	2105	1696	1285	939	681	512	406
1.25°	3453	3183	2878	2546	2171	1758	1340	974	705	526	415
0°	3479	3207	2901	2569	2193	1779	1359	986	713	531	418
-1.25°	3453	3183	2878	2546	2171	1758	1340	974	705	526	415
-2.5°	3379	3113	2811	2479	2105	1696	1285	939	681	512	406
-3.75°	3257	2994	2699	2370	1998	1595	1205	882	643	488	393
-5°	3091	2836	2548	2219	1848	1459	1098	802	590	461	379
-6.25°	2880	2635	2351	2022	1660	1291	968	717	544	433	361
-7.5°	2635	2394	2110	1787	1444	1117	841	632	491	400	341
-8.75°	2351	2110	1830	1523	1213	936	712	552	445	372	323
-10°	2022	1787	1523	1245	984	764	596	479	399	343	303
-11.25°	1660	1444	1213	984	787	628	509	424	363	320	281
-12.5°	1291	1117	936	764	628	519	437	376	331	295	257
-13.75°	968	841	712	596	509	437	381	337	303	268	238
-15°	717	632	552	479	424	376	337	306	273	243	218
-16.25°	544	491	445	399	363	331	303	273	245	222	197
-17.5°	433	400	372	343	320	295	268	243	222	199	178
-18.75°	361	341	323	303	281	257	238	218	197	178	160
-20°	312	298	281	262	245	228	211	192	175	159	144
-21.25°	268	255	243	230	216	200	184	169	155	142	129



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	232	223	212	200	187	174	162	150	138	126	115
-23.75°	200	191	182	173	162	152	142	132	122	112	102
-25°	171	165	158	150	142	133	125	116	107	99	91
-26.25°	147	142	137	130	123	116	109	101	94	87	80
-27.5°	127	123	118	113	107	101	95	89	83	76	69
-28.75°	109	106	101	97	93	88	83	77	71	66	60
-30°	94	91	88	84	80	75	71	66	61	56	51
-31.25°	80	78	75	71	68	64	60	56	51	46	41
-32.5°	68	66	63	61	57	54	50	46	41	36	31
-33.75°	57	55	52	50	46	43	39	35	30	26	24
-35°	45	43	41	38	35	32	28	25	23	22	20
-36.25°	33	31	29	27	25	24	22	21	19	18	16
-37.5°	24	23	23	22	21	19	18	17	16	15	14
-38.75°	20	19	18	17	17	16	15	15	14	13	12
-40°	16	16	15	15	14	14	13	13	12	11	11
-41.25°	14	13	13	13	12	12	11	11	10	10	9
-42.5°	12	11	11	11	10	10	9	9	8	8	8
-43.75°	10	9	9	9	8	8	8	8	7	7	7
-45°	8	8	8	8	7	7	7	7	6	6	6
-46.25°	7	7	7	6	6	6	6	6	6	5	5
-47.5°	6	6	6	6	5	5	5	5	5	5	4
-48.75°	5	5	5	5	5	5	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	2	2
-53.75°	3	3	3	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	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	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	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°	1	1	1	1	1	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	0
66.25°	1	1	1	1	1	1	1	1	1	1	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°	2	2	1	1	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	2	2	1	1	1
53.75°	2	2	2	2	2	2	2	2	2	2	1
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	3	2	2	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	3	3	2	2	2	2
47.5°	4	4	4	3	3	3	3	3	3	2	2
46.25°	5	5	4	4	4	3	3	3	3	3	2
45°	6	5	5	5	4	4	4	3	3	3	3
43.75°	6	6	6	5	5	5	4	4	4	3	3
42.5°	7	7	6	6	6	5	5	5	4	4	4
41.25°	8	8	7	7	6	6	6	5	5	4	4
40°	10	9	8	8	7	7	6	6	5	5	5
38.75°	12	11	10	9	8	8	7	7	6	6	5
37.5°	13	12	12	11	10	9	8	7	7	6	6
36.25°	15	14	13	12	11	10	9	8	8	7	6
35°	18	16	15	14	13	12	11	10	9	8	7



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	22	20	17	16	15	13	12	11	10	9	8
32.5°	26	23	21	19	16	15	14	12	11	10	9
31.25°	35	29	25	22	20	17	15	14	13	11	10
30°	45	39	32	26	23	20	17	16	14	13	11
28.75°	54	48	41	34	27	23	21	18	16	14	12
27.5°	63	57	50	43	36	28	24	21	17	15	14
26.25°	72	66	59	52	44	36	28	23	20	17	15
25°	83	74	67	60	52	44	36	27	23	20	16
23.75°	93	84	75	67	60	52	43	34	26	22	19
22.5°	104	94	85	75	67	59	50	41	32	25	21
21.25°	117	105	94	84	74	66	57	48	39	29	23
20°	130	117	104	93	83	72	63	54	45	35	26
18.75°	144	129	115	102	91	80	69	60	51	41	31
17.5°	159	142	126	112	99	87	76	66	56	46	36
16.25°	175	155	138	122	107	94	83	71	61	51	41
15°	192	169	150	132	116	101	89	77	66	56	46
13.75°	211	184	162	142	125	109	95	83	71	60	50
12.5°	228	200	174	152	133	116	101	88	75	64	54
11.25°	245	216	187	162	142	123	107	93	80	68	57
10°	262	230	200	173	150	130	113	97	84	71	61
8.75°	281	243	212	182	158	137	118	101	88	75	63
7.5°	298	255	223	191	165	142	123	106	91	78	66
6.25°	312	268	232	200	171	147	127	109	94	80	68
5°	324	279	240	207	177	152	131	112	96	83	70
3.75°	334	288	246	213	181	156	134	115	98	84	71
2.5°	341	295	250	217	185	158	136	117	100	86	72
1.25°	345	299	253	220	186	160	137	118	100	86	73
0°	346	300	254	220	187	160	138	118	101	87	73
-1.25°	345	299	253	220	186	160	137	118	100	86	73
-2.5°	341	295	250	217	185	158	136	117	100	86	72
-3.75°	334	288	246	213	181	156	134	115	98	84	71
-5°	324	279	240	207	177	152	131	112	96	83	70
-6.25°	312	268	232	200	171	147	127	109	94	80	68
-7.5°	298	255	223	191	165	142	123	106	91	78	66
-8.75°	281	243	212	182	158	137	118	101	88	75	63
-10°	262	230	200	173	150	130	113	97	84	71	61
-11.25°	245	216	187	162	142	123	107	93	80	68	57
-12.5°	228	200	174	152	133	116	101	88	75	64	54
-13.75°	211	184	162	142	125	109	95	83	71	60	50
-15°	192	169	150	132	116	101	89	77	66	56	46
-16.25°	175	155	138	122	107	94	83	71	61	51	41
-17.5°	159	142	126	112	99	87	76	66	56	46	36
-18.75°	144	129	115	102	91	80	69	60	51	41	31
-20°	130	117	104	93	83	72	63	54	45	35	26
-21.25°	117	105	94	84	74	66	57	48	39	29	23



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	104	94	85	75	67	59	50	41	32	25	21
-23.75°	93	84	75	67	60	52	43	34	26	22	19
-25°	83	74	67	60	52	44	36	27	23	20	16
-26.25°	72	66	59	52	44	36	28	23	20	17	15
-27.5°	63	57	50	43	36	28	24	21	17	15	14
-28.75°	54	48	41	34	27	23	21	18	16	14	12
-30°	45	39	32	26	23	20	17	16	14	13	11
-31.25°	35	29	25	22	20	17	15	14	13	11	10
-32.5°	26	23	21	19	16	15	14	12	11	10	9
-33.75°	22	20	17	16	15	13	12	11	10	9	8
-35°	18	16	15	14	13	12	11	10	9	8	7
-36.25°	15	14	13	12	11	10	9	8	8	7	6
-37.5°	13	12	12	11	10	9	8	7	7	6	6
-38.75°	12	11	10	9	8	8	7	7	6	6	5
-40°	10	9	8	8	7	7	6	6	5	5	5
-41.25°	8	8	7	7	6	6	6	5	5	4	4
-42.5°	7	7	6	6	6	5	5	5	4	4	4
-43.75°	6	6	6	5	5	5	4	4	4	3	3
-45°	6	5	5	5	4	4	4	3	3	3	3
-46.25°	5	5	4	4	4	3	3	3	3	3	2
-47.5°	4	4	4	3	3	3	3	3	3	2	2
-48.75°	3	3	3	3	3	3	3	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	1
-55°	2	2	2	2	2	2	2	2	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	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	0
-68.75°	1	1	1	1	1	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	1	1	0	0	0	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	0	0
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	2	1	1	1	1	1	1	1	1	1	1
51.25°	2	2	2	1	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	2	2	2	2	2	2	1	1	1	1	1
47.5°	2	2	2	2	2	2	2	1	1	1	1
46.25°	2	2	2	2	2	2	2	2	1	1	1
45°	3	2	2	2	2	2	2	2	2	2	1
43.75°	3	3	2	2	2	2	2	2	2	2	1
42.5°	3	3	3	3	2	2	2	2	2	2	2
41.25°	4	3	3	3	3	2	2	2	2	2	2
40°	4	4	3	3	3	3	2	2	2	2	2
38.75°	5	4	4	3	3	3	3	2	2	2	2
37.5°	5	5	4	4	3	3	3	3	2	2	2
36.25°	6	5	5	4	4	3	3	3	2	2	2
35°	6	6	5	5	4	4	3	3	3	2	2



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	7	6	6	5	5	4	4	3	3	3	2
32.5°	8	7	6	6	5	5	4	4	3	3	2
31.25°	9	8	7	6	6	5	4	4	3	3	3
30°	10	9	8	7	6	5	5	4	4	3	3
28.75°	11	10	8	7	7	6	5	5	4	3	3
27.5°	12	11	9	8	7	6	6	5	4	4	3
26.25°	13	12	10	9	8	7	6	5	5	4	3
25°	15	13	11	10	8	7	6	6	5	4	4
23.75°	16	14	12	11	9	8	7	6	5	5	4
22.5°	17	15	13	12	10	8	7	6	6	5	4
21.25°	20	16	14	12	11	9	8	7	6	5	5
20°	22	18	15	13	12	10	8	7	6	6	5
18.75°	24	20	16	14	12	11	9	8	7	6	5
17.5°	26	22	18	15	13	11	10	8	7	6	5
16.25°	30	23	19	16	14	12	10	8	7	6	6
15°	35	25	21	17	15	13	11	9	8	7	6
13.75°	39	28	22	18	15	13	11	9	8	7	6
12.5°	43	32	24	19	16	14	12	10	8	7	6
11.25°	46	35	25	21	17	14	12	10	8	7	6
10°	50	38	27	22	17	15	13	11	9	8	6
8.75°	52	41	29	23	18	15	13	11	9	8	7
7.5°	55	43	31	23	19	16	13	11	9	8	7
6.25°	57	45	33	24	20	16	14	12	10	8	7
5°	58	47	35	25	20	16	14	12	10	8	7
3.75°	60	48	36	25	21	16	14	12	10	8	7
2.5°	61	49	37	26	21	17	14	12	10	8	7
1.25°	61	50	38	26	21	17	14	12	10	8	7
0°	61	50	38	26	21	17	14	12	10	8	7
-1.25°	61	50	38	26	21	17	14	12	10	8	7
-2.5°	61	49	37	26	21	17	14	12	10	8	7
-3.75°	60	48	36	25	21	16	14	12	10	8	7
-5°	58	47	35	25	20	16	14	12	10	8	7
-6.25°	57	45	33	24	20	16	14	12	10	8	7
-7.5°	55	43	31	23	19	16	13	11	9	8	7
-8.75°	52	41	29	23	18	15	13	11	9	8	7
-10°	50	38	27	22	17	15	13	11	9	8	6
-11.25°	46	35	25	21	17	14	12	10	8	7	6
-12.5°	43	32	24	19	16	14	12	10	8	7	6
-13.75°	39	28	22	18	15	13	11	9	8	7	6
-15°	35	25	21	17	15	13	11	9	8	7	6
-16.25°	30	23	19	16	14	12	10	8	7	6	6
-17.5°	26	22	18	15	13	11	10	8	7	6	5
-18.75°	24	20	16	14	12	11	9	8	7	6	5
-20°	22	18	15	13	12	10	8	7	6	6	5
-21.25°	20	16	14	12	11	9	8	7	6	5	5



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	17	15	13	12	10	8	7	6	6	5	4
-23.75°	16	14	12	11	9	8	7	6	5	5	4
-25°	15	13	11	10	8	7	6	6	5	4	4
-26.25°	13	12	10	9	8	7	6	5	5	4	3
-27.5°	12	11	9	8	7	6	6	5	4	4	3
-28.75°	11	10	8	7	7	6	5	5	4	3	3
-30°	10	9	8	7	6	5	5	4	4	3	3
-31.25°	9	8	7	6	6	5	4	4	3	3	3
-32.5°	8	7	6	6	5	5	4	4	3	3	2
-33.75°	7	6	6	5	5	4	4	3	3	3	2
-35°	6	6	5	5	4	4	3	3	3	2	2
-36.25°	6	5	5	4	4	3	3	3	2	2	2
-37.5°	5	5	4	4	3	3	3	3	2	2	2
-38.75°	5	4	4	3	3	3	3	2	2	2	2
-40°	4	4	3	3	3	3	2	2	2	2	2
-41.25°	4	3	3	3	3	2	2	2	2	2	2
-42.5°	3	3	3	3	2	2	2	2	2	2	2
-43.75°	3	3	2	2	2	2	2	2	2	2	1
-45°	3	2	2	2	2	2	2	2	2	2	1
-46.25°	2	2	2	2	2	2	2	2	1	1	1
-47.5°	2	2	2	2	2	2	2	1	1	1	1
-48.75°	2	2	2	2	2	2	1	1	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	1	1	1	1	1	1	1	1
-52.5°	2	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	0	0
-63.75°	1	1	1	1	1	1	1	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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°	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	1	1	0	0	0	0	0	0
56.25°	1	1	1	1	1	1	0	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	1	0	0	0
52.5°	1	1	1	1	1	1	1	1	1	0	0
51.25°	1	1	1	1	1	1	1	1	1	0	0
50°	1	1	1	1	1	1	1	1	1	1	0
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	2	1	1	1	1	1	1	1	1	1	1
40°	2	2	1	1	1	1	1	1	1	1	1
38.75°	2	2	2	1	1	1	1	1	1	1	1
37.5°	2	2	2	1	1	1	1	1	1	1	1
36.25°	2	2	2	2	1	1	1	1	1	1	1
35°	2	2	2	2	1	1	1	1	1	1	1



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	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	2	1	1	1	1	1
30°	3	2	2	2	2	2	1	1	1	1	1
28.75°	3	2	2	2	2	2	2	1	1	1	1
27.5°	3	3	2	2	2	2	2	1	1	1	1
26.25°	3	3	2	2	2	2	2	1	1	1	1
25°	3	3	2	2	2	2	2	2	1	1	1
23.75°	3	3	3	2	2	2	2	2	1	1	1
22.5°	4	3	3	2	2	2	2	2	1	1	1
21.25°	4	3	3	2	2	2	2	2	2	1	1
20°	4	3	3	3	2	2	2	2	2	1	1
18.75°	4	4	3	3	2	2	2	2	2	1	1
17.5°	5	4	3	3	2	2	2	2	2	1	1
16.25°	5	4	3	3	3	2	2	2	2	1	1
15°	5	4	4	3	3	2	2	2	2	2	1
13.75°	5	4	4	3	3	2	2	2	2	2	1
12.5°	5	5	4	3	3	2	2	2	2	2	1
11.25°	5	5	4	3	3	2	2	2	2	2	1
10°	6	5	4	3	3	2	2	2	2	2	1
8.75°	6	5	4	3	3	3	2	2	2	2	1
7.5°	6	5	4	4	3	3	2	2	2	2	1
6.25°	6	5	4	4	3	3	2	2	2	2	1
5°	6	5	4	4	3	3	2	2	2	2	1
3.75°	6	5	4	4	3	3	2	2	2	2	1
2.5°	6	5	4	4	3	3	2	2	2	2	1
1.25°	6	5	4	4	3	3	2	2	2	2	1
0°	6	5	5	4	3	3	2	2	2	2	2
-1.25°	6	5	4	4	3	3	2	2	2	2	1
-2.5°	6	5	4	4	3	3	2	2	2	2	1
-3.75°	6	5	4	4	3	3	2	2	2	2	1
-5°	6	5	4	4	3	3	2	2	2	2	1
-6.25°	6	5	4	4	3	3	2	2	2	2	1
-7.5°	6	5	4	4	3	3	2	2	2	2	1
-8.75°	6	5	4	3	3	3	2	2	2	2	1
-10°	6	5	4	3	3	2	2	2	2	2	1
-11.25°	5	5	4	3	3	2	2	2	2	2	1
-12.5°	5	5	4	3	3	2	2	2	2	2	1
-13.75°	5	4	4	3	3	2	2	2	2	2	1
-15°	5	4	4	3	3	2	2	2	2	2	1
-16.25°	5	4	3	3	3	2	2	2	2	1	1
-17.5°	5	4	3	3	2	2	2	2	2	1	1
-18.75°	4	4	3	3	2	2	2	2	2	1	1
-20°	4	3	3	3	2	2	2	2	2	1	1
-21.25°	4	3	3	2	2	2	2	2	2	1	1



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	3	3	2	2	2	2	2	1	1	1
-23.75°	3	3	3	2	2	2	2	2	1	1	1
-25°	3	3	2	2	2	2	2	2	1	1	1
-26.25°	3	3	2	2	2	2	2	1	1	1	1
-27.5°	3	3	2	2	2	2	2	1	1	1	1
-28.75°	3	2	2	2	2	2	2	1	1	1	1
-30°	3	2	2	2	2	2	1	1	1	1	1
-31.25°	2	2	2	2	2	2	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	1
-37.5°	2	2	2	1	1	1	1	1	1	1	1
-38.75°	2	2	2	1	1	1	1	1	1	1	1
-40°	2	2	1	1	1	1	1	1	1	1	1
-41.25°	2	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	0
-51.25°	1	1	1	1	1	1	1	1	1	0	0
-52.5°	1	1	1	1	1	1	1	1	1	0	0
-53.75°	1	1	1	1	1	1	1	1	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	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°	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	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°	1	0	0	0	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0	0	0	0	0
43.75°	1	1	0	0	0	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0	0	0	0	0
41.25°	1	1	1	0	0	0	0	0	0	0	0
40°	1	1	1	0	0	0	0	0	0	0	0
38.75°	1	1	1	1	0	0	0	0	0	0	0
37.5°	1	1	1	1	0	0	0	0	0	0	0
36.25°	1	1	1	1	0	0	0	0	0	0	0
35°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	1	1	1	1	1	1	1	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	0	0	0	0	0
-27.5°	1	1	1	1	1	1	0	0	0	0	0
-28.75°	1	1	1	1	1	1	0	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	0	0	0	0	0	0
-33.75°	1	1	1	1	1	0	0	0	0	0	0
-35°	1	1	1	1	1	0	0	0	0	0	0
-36.25°	1	1	1	1	0	0	0	0	0	0	0
-37.5°	1	1	1	1	0	0	0	0	0	0	0
-38.75°	1	1	1	1	0	0	0	0	0	0	0
-40°	1	1	1	0	0	0	0	0	0	0	0
-41.25°	1	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	0	0	0	0	0	0	0	0	0
-43.75°	1	1	0	0	0	0	0	0	0	0	0
-45°	1	0	0	0	0	0	0	0	0	0	0
-46.25°	1	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220409 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)