

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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29423)
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-F-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

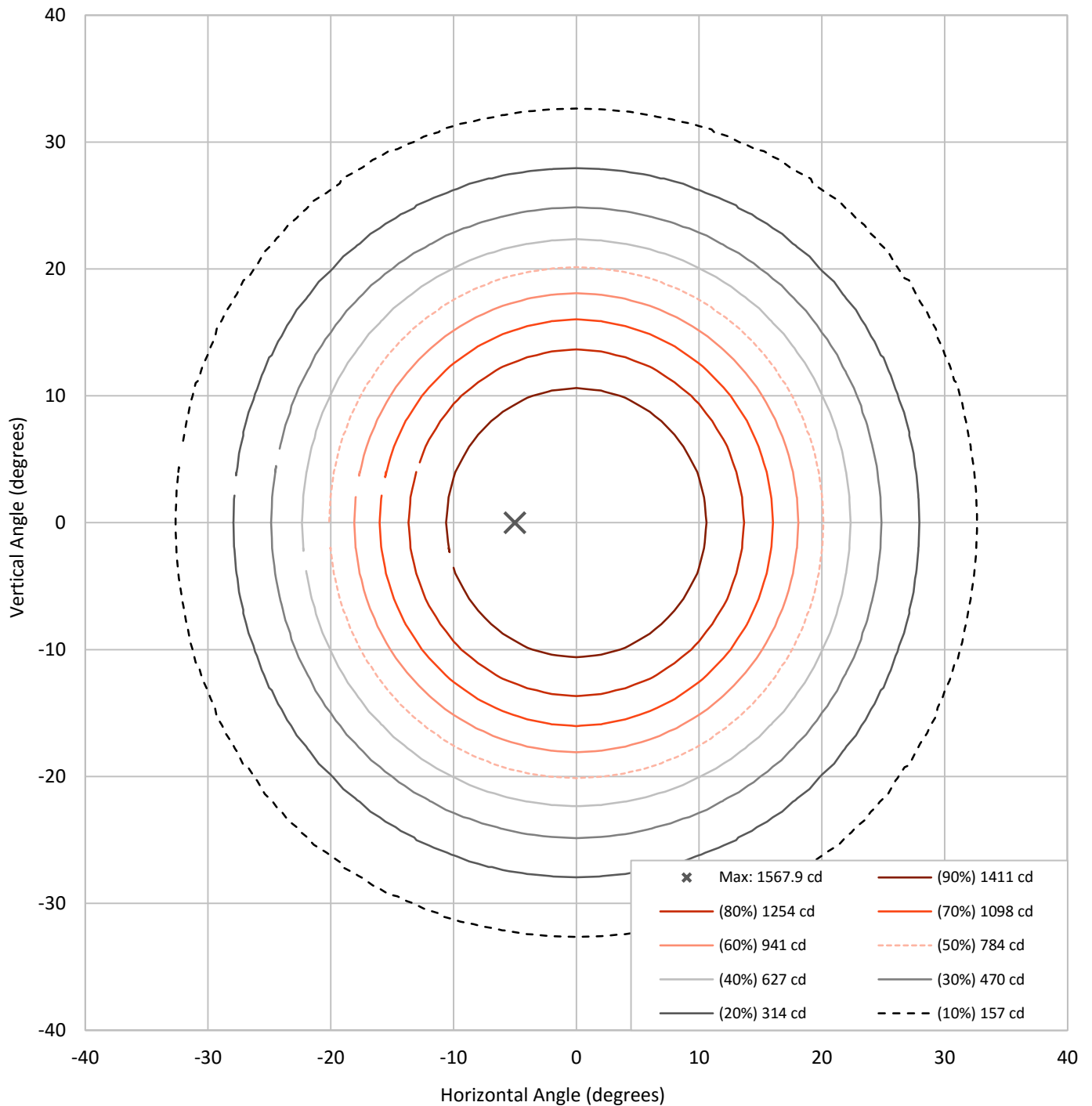
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	768.2 lumens	Max Intensity:	1567.9 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	76.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.3°H x 39.1°V	Field Angle (10%):	65°H x 64.5°V
Beam Lumens:	462.6 lumens	Field Lumens:	703.1 lumens
Beam Efficiency:	60.2%	Field Efficiency:	91.5%
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-F-BK-L1-UNV

Iso-Candela Plot



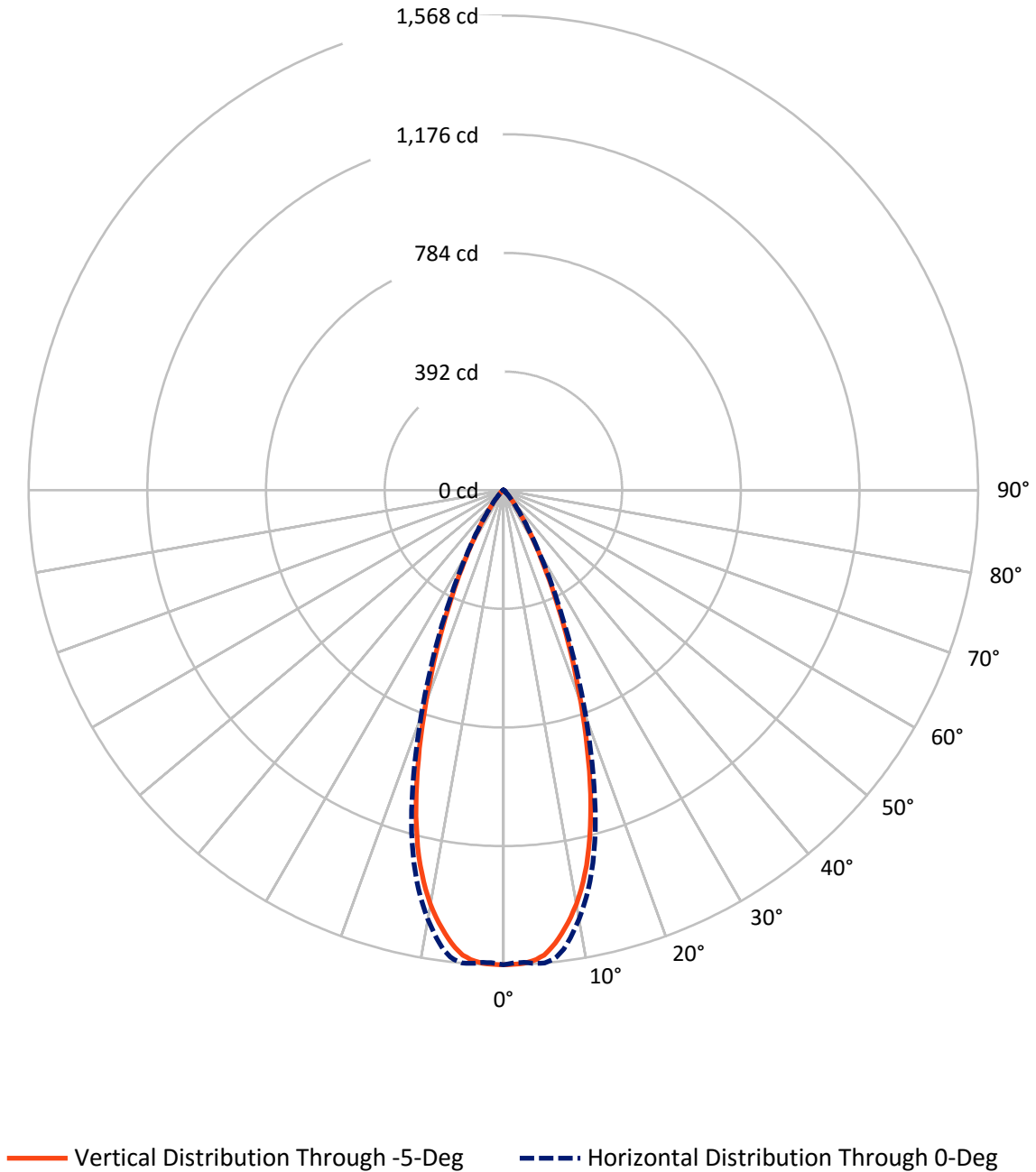
REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-BK-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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			
50	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.6	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.3	1.0	2.2	3.3	3.3	2.2	1.0	0.3	0.1	0.0			
30	0.0	0.0	0.1	0.2	0.9	3.3	8.4	13.4	13.4	8.4	3.3	0.9	0.2	0.1	0.0	0.0	0.0
20		0.0	0.1	0.3	1.9	7.9	20.9	32.8	32.8	20.9	7.9	1.9	0.3	0.1			
10	0.0	0.0	0.1	0.4	2.8	12.3	31.8	45.3	45.3	31.8	12.3	2.8	0.4	0.1	0.0	0.0	0.0
0		0.0	0.1	0.4	2.8	12.3	31.8	45.3	45.3	31.8	12.3	2.8	0.4	0.1			
-10	0.0	0.0	0.1	0.4	2.8	12.3	31.8	45.3	45.3	31.8	12.3	2.8	0.4	0.1	0.0	0.0	0.0
-20		0.0	0.1	0.3	1.9	7.9	20.9	32.8	32.8	20.9	7.9	1.9	0.3	0.1			
-30	0.0	0.0	0.1	0.2	0.9	3.3	8.4	13.4	13.4	8.4	3.3	0.9	0.2	0.1	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.3	1.0	2.2	3.3	3.3	2.2	1.0	0.3	0.1	0.0			
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.6	0.4	0.2	0.1	0.1	0.0	0.0	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			
-70	0.0	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
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

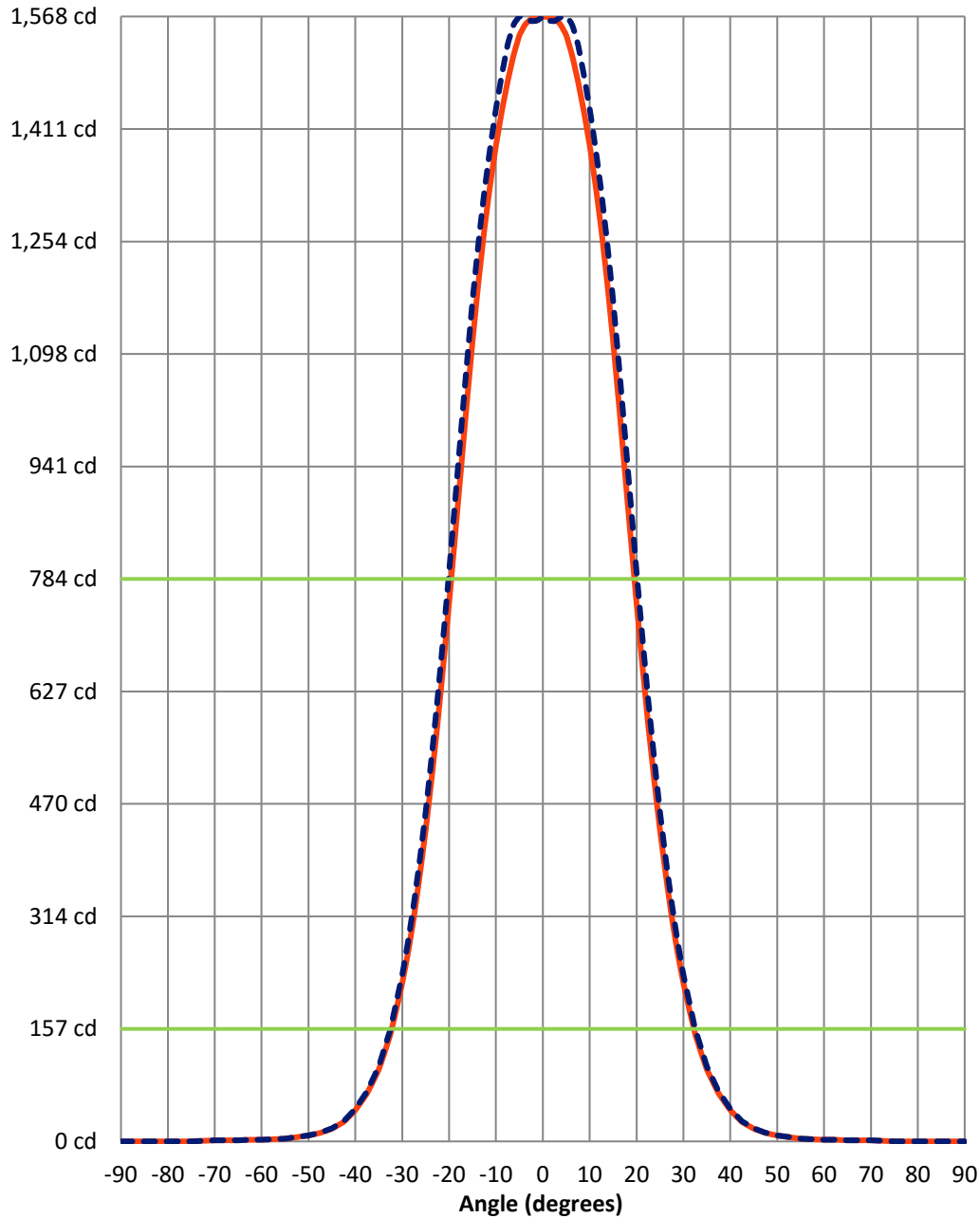
REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-BK-L1-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 40.3°
 V Angle: 39.1°
 Lumens: 462.6
 Efficiency: 60.2%

Field:
 H Angle: 65°
 V Angle: 64.5°
 Lumens: 703.1
 Efficiency: 91.5%

Spill:
 Lumens: 65.1
 Efficiency: 8.5%

- Vertical Distribution through -5-Deg
- - - Horizontal Distribution through 0-Deg



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

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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	1
47.5°	0	0	0	0	0	0	0	0	0	1	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	0	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	2
37.5°	0	0	0	0	0	0	1	1	1	1	2
36.25°	0	0	0	0	0	0	1	1	1	1	2
35°	0	0	0	0	0	0	1	1	1	2	2



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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	1	1	1	2	2
32.5°	0	0	0	0	0	1	1	1	1	2	2
31.25°	0	0	0	0	0	1	1	1	2	2	2
30°	0	0	0	0	0	1	1	1	2	2	2
28.75°	0	0	0	0	0	1	1	1	2	2	2
27.5°	0	0	0	0	1	1	1	1	2	2	2
26.25°	0	0	0	0	1	1	1	2	2	2	2
25°	0	0	0	0	1	1	1	2	2	2	2
23.75°	0	0	0	0	1	1	1	2	2	2	2
22.5°	0	0	0	0	1	1	1	2	2	2	2
21.25°	0	0	0	0	1	1	1	2	2	2	2
20°	0	0	0	0	1	1	1	2	2	2	2
18.75°	0	0	0	0	1	1	2	2	2	2	2
17.5°	0	0	0	1	1	1	2	2	2	2	2
16.25°	0	0	0	1	1	1	2	2	2	2	2
15°	0	0	0	1	1	1	2	2	2	2	2
13.75°	0	0	0	1	1	1	2	2	2	2	2
12.5°	0	0	0	1	1	1	2	2	2	2	2
11.25°	0	0	0	1	1	1	2	2	2	2	2
10°	0	0	0	1	1	1	2	2	2	2	2
8.75°	0	0	0	1	1	1	2	2	2	2	2
7.5°	0	0	0	1	1	1	2	2	2	2	2
6.25°	0	0	0	1	1	1	2	2	2	2	2
5°	0	0	0	1	1	1	2	2	2	2	2
3.75°	0	0	0	1	1	1	2	2	2	2	2
2.5°	0	0	0	1	1	1	2	2	2	2	2
1.25°	0	0	0	1	1	1	2	2	2	2	2
0°	0	0	0	1	1	2	2	2	2	2	2
-1.25°	0	0	0	1	1	1	2	2	2	2	2
-2.5°	0	0	0	1	1	1	2	2	2	2	2
-3.75°	0	0	0	1	1	1	2	2	2	2	2
-5°	0	0	0	1	1	1	2	2	2	2	2
-6.25°	0	0	0	1	1	1	2	2	2	2	2
-7.5°	0	0	0	1	1	1	2	2	2	2	2
-8.75°	0	0	0	1	1	1	2	2	2	2	2
-10°	0	0	0	1	1	1	2	2	2	2	2
-11.25°	0	0	0	1	1	1	2	2	2	2	2
-12.5°	0	0	0	1	1	1	2	2	2	2	2
-13.75°	0	0	0	1	1	1	2	2	2	2	2
-15°	0	0	0	1	1	1	2	2	2	2	2
-16.25°	0	0	0	1	1	1	2	2	2	2	2
-17.5°	0	0	0	1	1	1	2	2	2	2	2
-18.75°	0	0	0	0	1	1	2	2	2	2	2
-20°	0	0	0	0	1	1	1	2	2	2	2
-21.25°	0	0	0	0	1	1	1	2	2	2	2



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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	1	1	1	2	2	2	2
-23.75°	0	0	0	0	1	1	1	2	2	2	2
-25°	0	0	0	0	1	1	1	2	2	2	2
-26.25°	0	0	0	0	1	1	1	2	2	2	2
-27.5°	0	0	0	0	1	1	1	1	2	2	2
-28.75°	0	0	0	0	0	1	1	1	2	2	2
-30°	0	0	0	0	0	1	1	1	2	2	2
-31.25°	0	0	0	0	0	1	1	1	2	2	2
-32.5°	0	0	0	0	0	1	1	1	1	2	2
-33.75°	0	0	0	0	0	0	1	1	1	2	2
-35°	0	0	0	0	0	0	1	1	1	2	2
-36.25°	0	0	0	0	0	0	1	1	1	1	2
-37.5°	0	0	0	0	0	0	1	1	1	1	2
-38.75°	0	0	0	0	0	0	0	1	1	1	2
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	1	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
58.75°	0	0	0	0	0	1	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	2
56.25°	0	0	0	1	1	1	1	1	1	2	2
55°	0	0	1	1	1	1	1	1	2	2	2
53.75°	0	0	1	1	1	1	1	2	2	2	2
52.5°	0	1	1	1	1	1	2	2	2	2	2
51.25°	1	1	1	1	1	2	2	2	2	2	2
50°	1	1	1	1	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	1	2	2	2	2	2	2	2	2
46.25°	1	1	2	2	2	2	2	2	2	2	2
45°	1	1	2	2	2	2	2	2	2	2	2
43.75°	1	2	2	2	2	2	2	2	2	2	2
42.5°	1	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	2	2	2	2	2	2	2	2	2	2	3
35°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	2	2	2	2	2	2	2	2	3	3
32.5°	2	2	2	2	2	2	2	2	3	3	3
31.25°	2	2	2	2	2	2	2	2	3	3	3
30°	2	2	2	2	2	2	2	3	3	3	3
28.75°	2	2	2	2	2	2	2	3	3	3	4
27.5°	2	2	2	2	2	2	2	3	3	3	4
26.25°	2	2	2	2	2	2	3	3	3	4	4
25°	2	2	2	2	2	2	3	3	3	4	4
23.75°	2	2	2	2	2	2	3	3	3	4	5
22.5°	2	2	2	2	2	3	3	3	4	4	5
21.25°	2	2	2	2	2	3	3	3	4	4	5
20°	2	2	2	2	2	3	3	3	4	5	6
18.75°	2	2	2	2	2	3	3	3	4	5	6
17.5°	2	2	2	2	3	3	3	4	4	5	6
16.25°	2	2	2	2	3	3	3	4	5	6	7
15°	2	2	2	2	3	3	3	4	5	6	7
13.75°	2	2	2	2	3	3	3	4	5	6	7
12.5°	2	2	2	2	3	3	3	4	5	6	7
11.25°	2	2	2	2	3	3	4	4	5	6	7
10°	2	2	2	3	3	3	4	4	5	7	8
8.75°	2	2	2	3	3	3	4	5	6	7	8
7.5°	2	2	2	3	3	3	4	5	6	7	8
6.25°	2	2	2	3	3	3	4	5	6	7	8
5°	2	2	2	3	3	3	4	5	6	7	8
3.75°	2	2	2	3	3	3	4	5	6	7	8
2.5°	2	2	2	3	3	3	4	5	6	7	8
1.25°	2	2	2	3	3	3	4	5	6	7	8
0°	2	2	2	3	3	3	4	5	6	7	8
-1.25°	2	2	2	3	3	3	4	5	6	7	8
-2.5°	2	2	2	3	3	3	4	5	6	7	8
-3.75°	2	2	2	3	3	3	4	5	6	7	8
-5°	2	2	2	3	3	3	4	5	6	7	8
-6.25°	2	2	2	3	3	3	4	5	6	7	8
-7.5°	2	2	2	3	3	3	4	5	6	7	8
-8.75°	2	2	2	3	3	3	4	5	6	7	8
-10°	2	2	2	3	3	3	4	4	5	7	8
-11.25°	2	2	2	2	3	3	4	4	5	6	7
-12.5°	2	2	2	2	3	3	3	4	5	6	7
-13.75°	2	2	2	2	3	3	3	4	5	6	7
-15°	2	2	2	2	3	3	3	4	5	6	7
-16.25°	2	2	2	2	3	3	3	4	5	6	7
-17.5°	2	2	2	2	3	3	3	4	4	5	6
-18.75°	2	2	2	2	2	3	3	3	4	5	6
-20°	2	2	2	2	2	3	3	3	4	5	6
-21.25°	2	2	2	2	2	3	3	3	4	4	5



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	2	2	2	2	2	3	3	3	4	4	5
-23.75°	2	2	2	2	2	2	3	3	3	4	5
-25°	2	2	2	2	2	2	3	3	3	4	4
-26.25°	2	2	2	2	2	2	3	3	3	4	4
-27.5°	2	2	2	2	2	2	2	3	3	3	4
-28.75°	2	2	2	2	2	2	2	3	3	3	4
-30°	2	2	2	2	2	2	2	3	3	3	3
-31.25°	2	2	2	2	2	2	2	2	3	3	3
-32.5°	2	2	2	2	2	2	2	2	3	3	3
-33.75°	2	2	2	2	2	2	2	2	2	3	3
-35°	2	2	2	2	2	2	2	2	2	3	3
-36.25°	2	2	2	2	2	2	2	2	2	2	3
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	1	2	2	2	2	2	2	2	2	2	2
-43.75°	1	2	2	2	2	2	2	2	2	2	2
-45°	1	1	2	2	2	2	2	2	2	2	2
-46.25°	1	1	2	2	2	2	2	2	2	2	2
-47.5°	1	1	1	2	2	2	2	2	2	2	2
-48.75°	1	1	1	2	2	2	2	2	2	2	2
-50°	1	1	1	1	2	2	2	2	2	2	2
-51.25°	1	1	1	1	1	2	2	2	2	2	2
-52.5°	0	1	1	1	1	1	2	2	2	2	2
-53.75°	0	0	1	1	1	1	1	2	2	2	2
-55°	0	0	1	1	1	1	1	1	2	2	2
-56.25°	0	0	0	1	1	1	1	1	1	2	2
-57.5°	0	0	0	0	1	1	1	1	1	1	2
-58.75°	0	0	0	0	0	1	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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	1	1
67.5°	0	0	0	0	0	0	1	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	2	2	2
62.5°	1	1	1	1	1	1	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	2
60°	1	1	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	3
48.75°	2	2	2	2	2	2	2	2	3	3	3
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	2	2	2	3	3	3	3	3
45°	2	2	2	2	3	3	3	3	3	4	4
43.75°	2	2	2	3	3	3	3	3	4	4	4
42.5°	2	2	2	3	3	3	3	4	4	5	5
41.25°	2	2	3	3	3	3	4	4	5	5	6
40°	2	3	3	3	3	4	4	5	5	6	7
38.75°	3	3	3	3	4	4	5	5	6	7	7
37.5°	3	3	3	4	4	5	5	6	7	7	8
36.25°	3	3	3	4	4	5	6	7	7	8	9
35°	3	3	4	4	5	6	7	7	8	9	10



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	3	4	4	5	6	6	7	8	9	10	12
32.5°	3	4	4	5	6	7	8	9	10	11	13
31.25°	4	4	5	6	7	7	8	10	11	13	15
30°	4	5	5	6	7	8	9	11	12	14	16
28.75°	4	5	6	7	8	9	10	12	14	16	18
27.5°	5	5	6	7	8	10	11	13	15	18	21
26.25°	5	6	7	8	9	10	12	14	17	20	23
25°	5	6	7	8	10	11	13	16	18	22	26
23.75°	6	7	8	9	10	12	15	17	20	24	29
22.5°	6	7	8	9	11	13	16	18	23	27	33
21.25°	6	7	8	10	12	14	17	20	25	29	37
20°	7	8	9	11	13	15	18	22	27	33	40
18.75°	7	8	10	11	14	16	20	24	29	36	44
17.5°	7	8	10	12	15	17	21	26	32	40	48
16.25°	8	9	11	13	16	18	23	27	35	43	53
15°	8	9	11	14	16	20	24	30	38	46	57
13.75°	8	10	12	14	17	21	26	32	40	49	61
12.5°	8	10	12	15	18	22	27	34	43	53	64
11.25°	9	11	13	16	19	23	28	36	45	56	68
10°	9	11	13	16	20	24	30	38	47	59	71
8.75°	9	11	14	17	20	25	31	40	50	61	75
7.5°	10	11	14	17	21	26	33	41	52	64	78
6.25°	10	12	14	17	22	27	34	43	53	65	81
5°	10	12	15	18	22	27	35	44	55	67	83
3.75°	10	12	15	18	23	27	36	44	56	68	85
2.5°	10	12	15	18	23	28	36	45	57	69	86
1.25°	10	12	15	18	23	28	37	45	57	70	87
0°	10	12	15	18	23	28	37	45	58	70	87
-1.25°	10	12	15	18	23	28	37	45	57	70	87
-2.5°	10	12	15	18	23	28	36	45	57	69	86
-3.75°	10	12	15	18	23	27	36	44	56	68	85
-5°	10	12	15	18	22	27	35	44	55	67	83
-6.25°	10	12	14	17	22	27	34	43	53	65	81
-7.5°	10	11	14	17	21	26	33	41	52	64	78
-8.75°	9	11	14	17	20	25	31	40	50	61	75
-10°	9	11	13	16	20	24	30	38	47	59	71
-11.25°	9	11	13	16	19	23	28	36	45	56	68
-12.5°	8	10	12	15	18	22	27	34	43	53	64
-13.75°	8	10	12	14	17	21	26	32	40	49	61
-15°	8	9	11	14	16	20	24	30	38	46	57
-16.25°	8	9	11	13	16	18	23	27	35	43	53
-17.5°	7	8	10	12	15	17	21	26	32	40	48
-18.75°	7	8	10	11	14	16	20	24	29	36	44
-20°	7	8	9	11	13	15	18	22	27	33	40
-21.25°	6	7	8	10	12	14	17	20	25	29	37



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	6	7	8	9	11	13	16	18	23	27	33
-23.75°	6	7	8	9	10	12	15	17	20	24	29
-25°	5	6	7	8	10	11	13	16	18	22	26
-26.25°	5	6	7	8	9	10	12	14	17	20	23
-27.5°	5	5	6	7	8	10	11	13	15	18	21
-28.75°	4	5	6	7	8	9	10	12	14	16	18
-30°	4	5	5	6	7	8	9	11	12	14	16
-31.25°	4	4	5	6	7	7	8	10	11	13	15
-32.5°	3	4	4	5	6	7	8	9	10	11	13
-33.75°	3	4	4	5	6	6	7	8	9	10	12
-35°	3	3	4	4	5	6	7	7	8	9	10
-36.25°	3	3	3	4	4	5	6	7	7	8	9
-37.5°	3	3	3	4	4	5	5	6	7	7	8
-38.75°	3	3	3	3	4	4	5	5	6	7	7
-40°	2	3	3	3	3	4	4	5	5	6	7
-41.25°	2	2	3	3	3	3	4	4	5	5	6
-42.5°	2	2	2	3	3	3	3	4	4	5	5
-43.75°	2	2	2	3	3	3	3	3	4	4	4
-45°	2	2	2	2	3	3	3	3	3	4	4
-46.25°	2	2	2	2	2	2	3	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	2	3	3	3
-50°	2	2	2	2	2	2	2	2	2	2	3
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	1	1	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	2	2	2
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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	1	1	1	1	1
70°	0	0	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	2	2	2	2
66.25°	1	1	1	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	3
55°	2	2	2	2	2	2	2	3	3	3	3
53.75°	2	2	2	2	3	3	3	3	3	3	3
52.5°	2	2	3	3	3	3	3	3	3	3	4
51.25°	3	3	3	3	3	3	3	4	4	4	4
50°	3	3	3	3	3	4	4	4	4	5	5
48.75°	3	3	3	4	4	4	5	5	5	6	6
47.5°	3	4	4	4	5	5	5	6	6	7	7
46.25°	4	4	4	5	5	6	6	7	7	8	8
45°	4	5	5	6	6	7	7	8	8	9	9
43.75°	5	6	6	7	7	8	8	9	10	10	11
42.5°	6	6	7	7	8	9	10	10	11	12	13
41.25°	7	7	8	8	9	10	11	12	13	15	16
40°	7	8	9	10	11	12	13	14	16	17	18
38.75°	8	9	10	11	12	14	15	17	18	20	23
37.5°	9	10	11	13	14	16	18	20	22	24	27
36.25°	10	12	13	15	16	18	21	23	26	29	33
35°	12	13	15	17	19	22	24	27	31	35	40



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	13	15	17	19	22	25	28	33	38	42	47
32.5°	15	17	20	23	26	29	34	39	44	51	57
31.25°	17	19	23	26	30	35	41	46	53	60	66
30°	19	22	26	30	36	41	47	55	62	69	79
28.75°	22	25	29	35	41	48	56	63	71	82	92
27.5°	24	28	34	41	47	56	64	73	84	94	105
26.25°	27	33	39	46	55	63	73	84	96	108	124
25°	31	38	44	53	62	71	84	96	109	127	143
23.75°	35	42	51	60	69	82	94	108	127	144	164
22.5°	40	47	57	66	79	92	105	124	143	164	190
21.25°	44	53	63	74	88	102	120	140	161	188	215
20°	49	59	69	83	97	114	135	155	184	212	241
18.75°	54	64	77	91	106	128	149	176	205	235	269
17.5°	59	69	84	99	119	141	165	196	226	261	300
16.25°	63	76	92	108	131	153	183	215	249	288	332
15°	68	83	98	118	142	168	201	233	272	316	364
13.75°	73	89	105	128	152	183	217	253	296	344	396
12.5°	78	94	113	138	164	198	232	273	320	372	427
11.25°	83	99	121	146	176	211	248	293	343	398	458
10°	87	104	129	154	188	223	263	311	365	423	488
8.75°	91	110	135	162	198	234	278	329	385	447	515
7.5°	95	115	141	170	207	245	292	345	403	468	540
6.25°	98	120	146	178	214	255	303	359	420	488	562
5°	100	124	150	184	221	263	313	371	434	504	580
3.75°	102	127	153	188	225	269	321	380	445	516	595
2.5°	103	129	155	192	229	274	327	387	453	526	606
1.25°	104	130	156	194	231	277	331	391	457	532	612
0°	105	131	157	194	232	278	332	392	459	534	615
-1.25°	104	130	156	194	231	277	331	391	457	532	612
-2.5°	103	129	155	192	229	274	327	387	453	526	606
-3.75°	102	127	153	188	225	269	321	380	445	516	595
-5°	100	124	150	184	221	263	313	371	434	504	580
-6.25°	98	120	146	178	214	255	303	359	420	488	562
-7.5°	95	115	141	170	207	245	292	345	403	468	540
-8.75°	91	110	135	162	198	234	278	329	385	447	515
-10°	87	104	129	154	188	223	263	311	365	423	488
-11.25°	83	99	121	146	176	211	248	293	343	398	458
-12.5°	78	94	113	138	164	198	232	273	320	372	427
-13.75°	73	89	105	128	152	183	217	253	296	344	396
-15°	68	83	98	118	142	168	201	233	272	316	364
-16.25°	63	76	92	108	131	153	183	215	249	288	332
-17.5°	59	69	84	99	119	141	165	196	226	261	300
-18.75°	54	64	77	91	106	128	149	176	205	235	269
-20°	49	59	69	83	97	114	135	155	184	212	241
-21.25°	44	53	63	74	88	102	120	140	161	188	215



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	40	47	57	66	79	92	105	124	143	164	190
-23.75°	35	42	51	60	69	82	94	108	127	144	164
-25°	31	38	44	53	62	71	84	96	109	127	143
-26.25°	27	33	39	46	55	63	73	84	96	108	124
-27.5°	24	28	34	41	47	56	64	73	84	94	105
-28.75°	22	25	29	35	41	48	56	63	71	82	92
-30°	19	22	26	30	36	41	47	55	62	69	79
-31.25°	17	19	23	26	30	35	41	46	53	60	66
-32.5°	15	17	20	23	26	29	34	39	44	51	57
-33.75°	13	15	17	19	22	25	28	33	38	42	47
-35°	12	13	15	17	19	22	24	27	31	35	40
-36.25°	10	12	13	15	16	18	21	23	26	29	33
-37.5°	9	10	11	13	14	16	18	20	22	24	27
-38.75°	8	9	10	11	12	14	15	17	18	20	23
-40°	7	8	9	10	11	12	13	14	16	17	18
-41.25°	7	7	8	8	9	10	11	12	13	15	16
-42.5°	6	6	7	7	8	9	10	10	11	12	13
-43.75°	5	6	6	7	7	8	8	9	10	10	11
-45°	4	5	5	6	6	7	7	8	8	9	9
-46.25°	4	4	4	5	5	6	6	7	7	8	8
-47.5°	3	4	4	4	5	5	5	6	6	7	7
-48.75°	3	3	3	4	4	4	5	5	5	6	6
-50°	3	3	3	3	3	4	4	4	4	5	5
-51.25°	3	3	3	3	3	3	3	4	4	4	4
-52.5°	2	2	3	3	3	3	3	3	3	3	4
-53.75°	2	2	2	2	3	3	3	3	3	3	3
-55°	2	2	2	2	2	2	2	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	2	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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	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	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	4	4	4
53.75°	3	3	3	4	4	4	4	4	4	4	5
52.5°	4	4	4	4	5	5	5	5	5	5	6
51.25°	4	5	5	5	6	6	6	6	6	7	7
50°	5	6	6	6	7	7	7	7	7	8	8
48.75°	6	7	7	7	8	8	8	8	9	9	9
47.5°	7	8	8	8	9	9	10	10	11	11	11
46.25°	8	9	10	10	11	11	12	12	13	13	14
45°	10	11	11	12	13	14	14	15	16	16	17
43.75°	12	13	14	15	16	16	17	18	19	20	20
42.5°	14	15	16	17	18	20	21	22	23	24	25
41.25°	17	18	20	21	23	24	26	27	28	30	31
40°	20	22	24	26	27	30	32	34	36	38	40
38.75°	25	27	29	32	35	38	40	43	45	47	50
37.5°	29	33	36	40	43	46	49	53	56	59	61
36.25°	37	40	44	48	53	57	61	64	68	71	75
35°	44	49	54	59	63	68	73	78	83	87	91



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	53	59	64	69	76	83	89	94	99	104	110
32.5°	63	69	77	84	92	98	105	113	121	129	135
31.25°	74	83	91	99	108	118	128	138	146	154	162
30°	88	97	106	119	131	142	152	164	176	188	198
28.75°	102	114	128	141	153	168	183	198	211	223	234
27.5°	120	135	149	165	183	201	217	232	248	263	278
26.25°	140	155	176	196	215	233	253	273	293	311	329
25°	161	184	205	226	249	272	296	320	343	365	385
23.75°	188	212	235	261	288	316	344	372	398	423	447
22.5°	215	241	269	300	332	364	396	427	458	488	515
21.25°	243	274	307	343	379	415	452	488	523	557	587
20°	274	309	348	388	429	470	512	553	592	630	666
18.75°	307	348	391	436	482	528	574	621	665	708	747
17.5°	343	388	436	485	537	588	640	692	741	788	832
16.25°	379	429	482	537	593	650	708	764	818	870	917
15°	415	470	528	588	650	713	776	837	896	950	1001
13.75°	452	512	574	640	708	776	843	909	971	1030	1081
12.5°	488	553	621	692	764	837	909	978	1044	1103	1156
11.25°	523	592	665	741	818	896	971	1044	1110	1171	1223
10°	557	630	708	788	870	950	1030	1103	1171	1230	1281
8.75°	587	666	747	832	917	1001	1081	1156	1223	1281	1330
7.5°	616	698	783	871	959	1045	1127	1201	1267	1324	1372
6.25°	641	726	815	905	996	1083	1166	1240	1304	1360	1407
5°	662	750	841	934	1027	1115	1197	1270	1333	1388	1436
3.75°	679	769	862	957	1050	1139	1221	1294	1356	1410	1458
2.5°	692	783	877	973	1067	1157	1239	1310	1372	1426	1474
1.25°	699	791	887	983	1078	1168	1248	1319	1381	1436	1484
0°	702	794	890	987	1081	1172	1252	1323	1384	1439	1487
-1.25°	699	791	887	983	1078	1168	1248	1319	1381	1436	1484
-2.5°	692	783	877	973	1067	1157	1239	1310	1372	1426	1474
-3.75°	679	769	862	957	1050	1139	1221	1294	1356	1410	1458
-5°	662	750	841	934	1027	1115	1197	1270	1333	1388	1436
-6.25°	641	726	815	905	996	1083	1166	1240	1304	1360	1407
-7.5°	616	698	783	871	959	1045	1127	1201	1267	1324	1372
-8.75°	587	666	747	832	917	1001	1081	1156	1223	1281	1330
-10°	557	630	708	788	870	950	1030	1103	1171	1230	1281
-11.25°	523	592	665	741	818	896	971	1044	1110	1171	1223
-12.5°	488	553	621	692	764	837	909	978	1044	1103	1156
-13.75°	452	512	574	640	708	776	843	909	971	1030	1081
-15°	415	470	528	588	650	713	776	837	896	950	1001
-16.25°	379	429	482	537	593	650	708	764	818	870	917
-17.5°	343	388	436	485	537	588	640	692	741	788	832
-18.75°	307	348	391	436	482	528	574	621	665	708	747
-20°	274	309	348	388	429	470	512	553	592	630	666
-21.25°	243	274	307	343	379	415	452	488	523	557	587



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	215	241	269	300	332	364	396	427	458	488	515
-23.75°	188	212	235	261	288	316	344	372	398	423	447
-25°	161	184	205	226	249	272	296	320	343	365	385
-26.25°	140	155	176	196	215	233	253	273	293	311	329
-27.5°	120	135	149	165	183	201	217	232	248	263	278
-28.75°	102	114	128	141	153	168	183	198	211	223	234
-30°	88	97	106	119	131	142	152	164	176	188	198
-31.25°	74	83	91	99	108	118	128	138	146	154	162
-32.5°	63	69	77	84	92	98	105	113	121	129	135
-33.75°	53	59	64	69	76	83	89	94	99	104	110
-35°	44	49	54	59	63	68	73	78	83	87	91
-36.25°	37	40	44	48	53	57	61	64	68	71	75
-37.5°	29	33	36	40	43	46	49	53	56	59	61
-38.75°	25	27	29	32	35	38	40	43	45	47	50
-40°	20	22	24	26	27	30	32	34	36	38	40
-41.25°	17	18	20	21	23	24	26	27	28	30	31
-42.5°	14	15	16	17	18	20	21	22	23	24	25
-43.75°	12	13	14	15	16	16	17	18	19	20	20
-45°	10	11	11	12	13	14	14	15	16	16	17
-46.25°	8	9	10	10	11	11	12	12	13	13	14
-47.5°	7	8	8	8	9	9	10	10	11	11	11
-48.75°	6	7	7	7	8	8	8	8	9	9	9
-50°	5	6	6	6	7	7	7	7	7	8	8
-51.25°	4	5	5	5	6	6	6	6	6	7	7
-52.5°	4	4	4	4	5	5	5	5	5	5	6
-53.75°	3	3	3	4	4	4	4	4	4	4	5
-55°	3	3	3	3	3	3	3	3	4	4	4
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	2	2	2	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	7	7	7
50°	8	8	8	8	8	8	8	8	8	8	8
48.75°	10	10	10	10	10	10	10	10	10	10	10
47.5°	11	12	12	12	12	12	12	12	12	12	12
46.25°	14	14	15	15	15	15	15	15	15	15	15
45°	17	17	18	18	18	18	18	18	18	18	18
43.75°	21	22	22	23	23	23	23	23	23	23	22
42.5°	26	27	27	27	28	28	28	28	28	27	27
41.25°	33	34	35	36	36	37	37	37	36	36	35
40°	41	43	44	44	45	45	45	45	45	44	44
38.75°	52	53	55	56	57	57	58	57	57	56	55
37.5°	64	65	67	68	69	70	70	70	69	68	67
36.25°	78	81	83	85	86	87	87	87	86	85	83
35°	95	98	100	102	103	104	105	104	103	102	100



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	115	120	124	127	129	130	131	130	129	127	124
32.5°	141	146	150	153	155	156	157	156	155	153	150
31.25°	170	178	184	188	192	194	194	194	192	188	184
30°	207	214	221	225	229	231	232	231	229	225	221
28.75°	245	255	263	269	274	277	278	277	274	269	263
27.5°	292	303	313	321	327	331	332	331	327	321	313
26.25°	345	359	371	380	387	391	392	391	387	380	371
25°	403	420	434	445	453	457	459	457	453	445	434
23.75°	468	488	504	516	526	532	534	532	526	516	504
22.5°	540	562	580	595	606	612	615	612	606	595	580
21.25°	616	641	662	679	692	699	702	699	692	679	662
20°	698	726	750	769	783	791	794	791	783	769	750
18.75°	783	815	841	862	877	887	890	887	877	862	841
17.5°	871	905	934	957	973	983	987	983	973	957	934
16.25°	959	996	1027	1050	1067	1078	1081	1078	1067	1050	1027
15°	1045	1083	1115	1139	1157	1168	1172	1168	1157	1139	1115
13.75°	1127	1166	1197	1221	1239	1248	1252	1248	1239	1221	1197
12.5°	1201	1240	1270	1294	1310	1319	1323	1319	1310	1294	1270
11.25°	1267	1304	1333	1356	1372	1381	1384	1381	1372	1356	1333
10°	1324	1360	1388	1410	1426	1436	1439	1436	1426	1410	1388
8.75°	1372	1407	1436	1458	1474	1484	1487	1484	1474	1458	1436
7.5°	1414	1449	1478	1500	1517	1526	1529	1526	1517	1500	1478
6.25°	1449	1484	1514	1535	1549	1555	1557	1555	1549	1535	1514
5°	1478	1514	1542	1557	1564	1567	1568	1567	1564	1557	1542
3.75°	1500	1535	1557	1566	1568	1568	1567	1568	1568	1566	1557
2.5°	1517	1549	1564	1568	1566	1563	1562	1563	1566	1568	1564
1.25°	1526	1555	1567	1568	1563	1560	1562	1560	1563	1568	1567
0°	1529	1557	1568	1567	1562	1562	1568	1562	1562	1567	1568
-1.25°	1526	1555	1567	1568	1563	1560	1562	1560	1563	1568	1567
-2.5°	1517	1549	1564	1568	1566	1563	1562	1563	1566	1568	1564
-3.75°	1500	1535	1557	1566	1568	1568	1567	1568	1568	1566	1557
-5°	1478	1514	1542	1557	1564	1567	1568	1567	1564	1557	1542
-6.25°	1449	1484	1514	1535	1549	1555	1557	1555	1549	1535	1514
-7.5°	1414	1449	1478	1500	1517	1526	1529	1526	1517	1500	1478
-8.75°	1372	1407	1436	1458	1474	1484	1487	1484	1474	1458	1436
-10°	1324	1360	1388	1410	1426	1436	1439	1436	1426	1410	1388
-11.25°	1267	1304	1333	1356	1372	1381	1384	1381	1372	1356	1333
-12.5°	1201	1240	1270	1294	1310	1319	1323	1319	1310	1294	1270
-13.75°	1127	1166	1197	1221	1239	1248	1252	1248	1239	1221	1197
-15°	1045	1083	1115	1139	1157	1168	1172	1168	1157	1139	1115
-16.25°	959	996	1027	1050	1067	1078	1081	1078	1067	1050	1027
-17.5°	871	905	934	957	973	983	987	983	973	957	934
-18.75°	783	815	841	862	877	887	890	887	877	862	841
-20°	698	726	750	769	783	791	794	791	783	769	750
-21.25°	616	641	662	679	692	699	702	699	692	679	662



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	540	562	580	595	606	612	615	612	606	595	580
-23.75°	468	488	504	516	526	532	534	532	526	516	504
-25°	403	420	434	445	453	457	459	457	453	445	434
-26.25°	345	359	371	380	387	391	392	391	387	380	371
-27.5°	292	303	313	321	327	331	332	331	327	321	313
-28.75°	245	255	263	269	274	277	278	277	274	269	263
-30°	207	214	221	225	229	231	232	231	229	225	221
-31.25°	170	178	184	188	192	194	194	194	192	188	184
-32.5°	141	146	150	153	155	156	157	156	155	153	150
-33.75°	115	120	124	127	129	130	131	130	129	127	124
-35°	95	98	100	102	103	104	105	104	103	102	100
-36.25°	78	81	83	85	86	87	87	87	86	85	83
-37.5°	64	65	67	68	69	70	70	70	69	68	67
-38.75°	52	53	55	56	57	57	58	57	57	56	55
-40°	41	43	44	44	45	45	45	45	45	44	44
-41.25°	33	34	35	36	36	37	37	37	36	36	35
-42.5°	26	27	27	27	28	28	28	28	28	27	27
-43.75°	21	22	22	23	23	23	23	23	23	23	22
-45°	17	17	18	18	18	18	18	18	18	18	18
-46.25°	14	14	15	15	15	15	15	15	15	15	15
-47.5°	11	12	12	12	12	12	12	12	12	12	12
-48.75°	10	10	10	10	10	10	10	10	10	10	10
-50°	8	8	8	8	8	8	8	8	8	8	8
-51.25°	7	7	7	7	7	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	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	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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	1	1	1	1	1	1	1	1	1	1	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	2
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	3	3	3	3	3	3
53.75°	5	5	5	4	4	4	4	4	4	4	3
52.5°	6	6	6	5	5	5	5	5	5	4	4
51.25°	7	7	7	7	6	6	6	6	6	5	5
50°	8	8	8	8	7	7	7	7	7	6	6
48.75°	10	10	9	9	9	8	8	8	8	7	7
47.5°	12	11	11	11	11	10	10	9	9	8	8
46.25°	14	14	14	13	13	12	12	11	11	10	10
45°	17	17	17	16	16	15	14	14	13	12	11
43.75°	22	21	20	20	19	18	17	16	16	15	14
42.5°	27	26	25	24	23	22	21	20	18	17	16
41.25°	34	33	31	30	28	27	26	24	23	21	20
40°	43	41	40	38	36	34	32	30	27	26	24
38.75°	53	52	50	47	45	43	40	38	35	32	29
37.5°	65	64	61	59	56	53	49	46	43	40	36
36.25°	81	78	75	71	68	64	61	57	53	48	44
35°	98	95	91	87	83	78	73	68	63	59	54



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	120	115	110	104	99	94	89	83	76	69	64
32.5°	146	141	135	129	121	113	105	98	92	84	77
31.25°	178	170	162	154	146	138	128	118	108	99	91
30°	214	207	198	188	176	164	152	142	131	119	106
28.75°	255	245	234	223	211	198	183	168	153	141	128
27.5°	303	292	278	263	248	232	217	201	183	165	149
26.25°	359	345	329	311	293	273	253	233	215	196	176
25°	420	403	385	365	343	320	296	272	249	226	205
23.75°	488	468	447	423	398	372	344	316	288	261	235
22.5°	562	540	515	488	458	427	396	364	332	300	269
21.25°	641	616	587	557	523	488	452	415	379	343	307
20°	726	698	666	630	592	553	512	470	429	388	348
18.75°	815	783	747	708	665	621	574	528	482	436	391
17.5°	905	871	832	788	741	692	640	588	537	485	436
16.25°	996	959	917	870	818	764	708	650	593	537	482
15°	1083	1045	1001	950	896	837	776	713	650	588	528
13.75°	1166	1127	1081	1030	971	909	843	776	708	640	574
12.5°	1240	1201	1156	1103	1044	978	909	837	764	692	621
11.25°	1304	1267	1223	1171	1110	1044	971	896	818	741	665
10°	1360	1324	1281	1230	1171	1103	1030	950	870	788	708
8.75°	1407	1372	1330	1281	1223	1156	1081	1001	917	832	747
7.5°	1449	1414	1372	1324	1267	1201	1127	1045	959	871	783
6.25°	1484	1449	1407	1360	1304	1240	1166	1083	996	905	815
5°	1514	1478	1436	1388	1333	1270	1197	1115	1027	934	841
3.75°	1535	1500	1458	1410	1356	1294	1221	1139	1050	957	862
2.5°	1549	1517	1474	1426	1372	1310	1239	1157	1067	973	877
1.25°	1555	1526	1484	1436	1381	1319	1248	1168	1078	983	887
0°	1557	1529	1487	1439	1384	1323	1252	1172	1081	987	890
-1.25°	1555	1526	1484	1436	1381	1319	1248	1168	1078	983	887
-2.5°	1549	1517	1474	1426	1372	1310	1239	1157	1067	973	877
-3.75°	1535	1500	1458	1410	1356	1294	1221	1139	1050	957	862
-5°	1514	1478	1436	1388	1333	1270	1197	1115	1027	934	841
-6.25°	1484	1449	1407	1360	1304	1240	1166	1083	996	905	815
-7.5°	1449	1414	1372	1324	1267	1201	1127	1045	959	871	783
-8.75°	1407	1372	1330	1281	1223	1156	1081	1001	917	832	747
-10°	1360	1324	1281	1230	1171	1103	1030	950	870	788	708
-11.25°	1304	1267	1223	1171	1110	1044	971	896	818	741	665
-12.5°	1240	1201	1156	1103	1044	978	909	837	764	692	621
-13.75°	1166	1127	1081	1030	971	909	843	776	708	640	574
-15°	1083	1045	1001	950	896	837	776	713	650	588	528
-16.25°	996	959	917	870	818	764	708	650	593	537	482
-17.5°	905	871	832	788	741	692	640	588	537	485	436
-18.75°	815	783	747	708	665	621	574	528	482	436	391
-20°	726	698	666	630	592	553	512	470	429	388	348
-21.25°	641	616	587	557	523	488	452	415	379	343	307



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	562	540	515	488	458	427	396	364	332	300	269
-23.75°	488	468	447	423	398	372	344	316	288	261	235
-25°	420	403	385	365	343	320	296	272	249	226	205
-26.25°	359	345	329	311	293	273	253	233	215	196	176
-27.5°	303	292	278	263	248	232	217	201	183	165	149
-28.75°	255	245	234	223	211	198	183	168	153	141	128
-30°	214	207	198	188	176	164	152	142	131	119	106
-31.25°	178	170	162	154	146	138	128	118	108	99	91
-32.5°	146	141	135	129	121	113	105	98	92	84	77
-33.75°	120	115	110	104	99	94	89	83	76	69	64
-35°	98	95	91	87	83	78	73	68	63	59	54
-36.25°	81	78	75	71	68	64	61	57	53	48	44
-37.5°	65	64	61	59	56	53	49	46	43	40	36
-38.75°	53	52	50	47	45	43	40	38	35	32	29
-40°	43	41	40	38	36	34	32	30	27	26	24
-41.25°	34	33	31	30	28	27	26	24	23	21	20
-42.5°	27	26	25	24	23	22	21	20	18	17	16
-43.75°	22	21	20	20	19	18	17	16	16	15	14
-45°	17	17	17	16	16	15	14	14	13	12	11
-46.25°	14	14	14	13	13	12	12	11	11	10	10
-47.5°	12	11	11	11	11	10	10	9	9	8	8
-48.75°	10	10	9	9	9	8	8	8	8	7	7
-50°	8	8	8	8	7	7	7	7	7	6	6
-51.25°	7	7	7	7	6	6	6	6	6	5	5
-52.5°	6	6	6	5	5	5	5	5	5	4	4
-53.75°	5	5	5	4	4	4	4	4	4	4	3
-55°	4	4	4	4	4	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	1	1	1	1	1	1	1	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°	2	2	2	2	2	2	1	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	1
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	2	2
52.5°	4	4	4	3	3	3	3	3	3	3	3
51.25°	5	4	4	4	4	4	3	3	3	3	3
50°	6	5	5	5	4	4	4	4	3	3	3
48.75°	7	6	6	6	5	5	5	4	4	4	3
47.5°	8	7	7	7	6	6	5	5	5	4	4
46.25°	9	8	8	8	7	7	6	6	5	5	4
45°	11	10	9	9	8	8	7	7	6	6	5
43.75°	13	12	11	10	10	9	8	8	7	7	6
42.5°	15	14	13	12	11	10	10	9	8	7	7
41.25°	18	17	16	15	13	12	11	10	9	8	8
40°	22	20	18	17	16	14	13	12	11	10	9
38.75°	27	25	23	20	18	17	15	14	12	11	10
37.5°	33	29	27	24	22	20	18	16	14	13	11
36.25°	40	37	33	29	26	23	21	18	16	15	13
35°	49	44	40	35	31	27	24	22	19	17	15



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	59	53	47	42	38	33	28	25	22	19	17
32.5°	69	63	57	51	44	39	34	29	26	23	20
31.25°	83	74	66	60	53	46	41	35	30	26	23
30°	97	88	79	69	62	55	47	41	36	30	26
28.75°	114	102	92	82	71	63	56	48	41	35	29
27.5°	135	120	105	94	84	73	64	56	47	41	34
26.25°	155	140	124	108	96	84	73	63	55	46	39
25°	184	161	143	127	109	96	84	71	62	53	44
23.75°	212	188	164	144	127	108	94	82	69	60	51
22.5°	241	215	190	164	143	124	105	92	79	66	57
21.25°	274	243	215	188	161	140	120	102	88	74	63
20°	309	274	241	212	184	155	135	114	97	83	69
18.75°	348	307	269	235	205	176	149	128	106	91	77
17.5°	388	343	300	261	226	196	165	141	119	99	84
16.25°	429	379	332	288	249	215	183	153	131	108	92
15°	470	415	364	316	272	233	201	168	142	118	98
13.75°	512	452	396	344	296	253	217	183	152	128	105
12.5°	553	488	427	372	320	273	232	198	164	138	113
11.25°	592	523	458	398	343	293	248	211	176	146	121
10°	630	557	488	423	365	311	263	223	188	154	129
8.75°	666	587	515	447	385	329	278	234	198	162	135
7.5°	698	616	540	468	403	345	292	245	207	170	141
6.25°	726	641	562	488	420	359	303	255	214	178	146
5°	750	662	580	504	434	371	313	263	221	184	150
3.75°	769	679	595	516	445	380	321	269	225	188	153
2.5°	783	692	606	526	453	387	327	274	229	192	155
1.25°	791	699	612	532	457	391	331	277	231	194	156
0°	794	702	615	534	459	392	332	278	232	194	157
-1.25°	791	699	612	532	457	391	331	277	231	194	156
-2.5°	783	692	606	526	453	387	327	274	229	192	155
-3.75°	769	679	595	516	445	380	321	269	225	188	153
-5°	750	662	580	504	434	371	313	263	221	184	150
-6.25°	726	641	562	488	420	359	303	255	214	178	146
-7.5°	698	616	540	468	403	345	292	245	207	170	141
-8.75°	666	587	515	447	385	329	278	234	198	162	135
-10°	630	557	488	423	365	311	263	223	188	154	129
-11.25°	592	523	458	398	343	293	248	211	176	146	121
-12.5°	553	488	427	372	320	273	232	198	164	138	113
-13.75°	512	452	396	344	296	253	217	183	152	128	105
-15°	470	415	364	316	272	233	201	168	142	118	98
-16.25°	429	379	332	288	249	215	183	153	131	108	92
-17.5°	388	343	300	261	226	196	165	141	119	99	84
-18.75°	348	307	269	235	205	176	149	128	106	91	77
-20°	309	274	241	212	184	155	135	114	97	83	69
-21.25°	274	243	215	188	161	140	120	102	88	74	63



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	241	215	190	164	143	124	105	92	79	66	57
-23.75°	212	188	164	144	127	108	94	82	69	60	51
-25°	184	161	143	127	109	96	84	71	62	53	44
-26.25°	155	140	124	108	96	84	73	63	55	46	39
-27.5°	135	120	105	94	84	73	64	56	47	41	34
-28.75°	114	102	92	82	71	63	56	48	41	35	29
-30°	97	88	79	69	62	55	47	41	36	30	26
-31.25°	83	74	66	60	53	46	41	35	30	26	23
-32.5°	69	63	57	51	44	39	34	29	26	23	20
-33.75°	59	53	47	42	38	33	28	25	22	19	17
-35°	49	44	40	35	31	27	24	22	19	17	15
-36.25°	40	37	33	29	26	23	21	18	16	15	13
-37.5°	33	29	27	24	22	20	18	16	14	13	11
-38.75°	27	25	23	20	18	17	15	14	12	11	10
-40°	22	20	18	17	16	14	13	12	11	10	9
-41.25°	18	17	16	15	13	12	11	10	9	8	8
-42.5°	15	14	13	12	11	10	10	9	8	7	7
-43.75°	13	12	11	10	10	9	8	8	7	7	6
-45°	11	10	9	9	8	8	7	7	6	6	5
-46.25°	9	8	8	8	7	7	6	6	5	5	4
-47.5°	8	7	7	7	6	6	5	5	5	4	4
-48.75°	7	6	6	6	5	5	5	4	4	4	3
-50°	6	5	5	5	4	4	4	4	3	3	3
-51.25°	5	4	4	4	4	4	3	3	3	3	3
-52.5°	4	4	4	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	2	2
-55°	3	3	3	3	3	3	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	1
-67.5°	2	2	2	2	2	2	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	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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	2	2	1	1	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	1	1
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	3	3	2	2	2	2	2	2	2	2	2
50°	3	3	3	2	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	2	2	2	2	2	2
47.5°	4	3	3	3	3	3	2	2	2	2	2
46.25°	4	4	3	3	3	3	3	2	2	2	2
45°	5	4	4	4	3	3	3	3	3	2	2
43.75°	6	5	4	4	4	3	3	3	3	3	2
42.5°	6	6	5	5	4	4	3	3	3	3	2
41.25°	7	7	6	5	5	4	4	3	3	3	3
40°	8	7	7	6	5	5	4	4	3	3	3
38.75°	9	8	7	7	6	5	5	4	4	3	3
37.5°	10	9	8	7	7	6	5	5	4	4	3
36.25°	12	10	9	8	7	7	6	5	4	4	3
35°	13	12	10	9	8	7	7	6	5	4	4



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	15	13	12	10	9	8	7	6	6	5	4
32.5°	17	15	13	11	10	9	8	7	6	5	4
31.25°	19	17	15	13	11	10	8	7	7	6	5
30°	22	19	16	14	12	11	9	8	7	6	5
28.75°	25	22	18	16	14	12	10	9	8	7	6
27.5°	28	24	21	18	15	13	11	10	8	7	6
26.25°	33	27	23	20	17	14	12	10	9	8	7
25°	38	31	26	22	18	16	13	11	10	8	7
23.75°	42	35	29	24	20	17	15	12	10	9	8
22.5°	47	40	33	27	23	18	16	13	11	9	8
21.25°	53	44	37	29	25	20	17	14	12	10	8
20°	59	49	40	33	27	22	18	15	13	11	9
18.75°	64	54	44	36	29	24	20	16	14	11	10
17.5°	69	59	48	40	32	26	21	17	15	12	10
16.25°	76	63	53	43	35	27	23	18	16	13	11
15°	83	68	57	46	38	30	24	20	16	14	11
13.75°	89	73	61	49	40	32	26	21	17	14	12
12.5°	94	78	64	53	43	34	27	22	18	15	12
11.25°	99	83	68	56	45	36	28	23	19	16	13
10°	104	87	71	59	47	38	30	24	20	16	13
8.75°	110	91	75	61	50	40	31	25	20	17	14
7.5°	115	95	78	64	52	41	33	26	21	17	14
6.25°	120	98	81	65	53	43	34	27	22	17	14
5°	124	100	83	67	55	44	35	27	22	18	15
3.75°	127	102	85	68	56	44	36	27	23	18	15
2.5°	129	103	86	69	57	45	36	28	23	18	15
1.25°	130	104	87	70	57	45	37	28	23	18	15
0°	131	105	87	70	58	45	37	28	23	18	15
-1.25°	130	104	87	70	57	45	37	28	23	18	15
-2.5°	129	103	86	69	57	45	36	28	23	18	15
-3.75°	127	102	85	68	56	44	36	27	23	18	15
-5°	124	100	83	67	55	44	35	27	22	18	15
-6.25°	120	98	81	65	53	43	34	27	22	17	14
-7.5°	115	95	78	64	52	41	33	26	21	17	14
-8.75°	110	91	75	61	50	40	31	25	20	17	14
-10°	104	87	71	59	47	38	30	24	20	16	13
-11.25°	99	83	68	56	45	36	28	23	19	16	13
-12.5°	94	78	64	53	43	34	27	22	18	15	12
-13.75°	89	73	61	49	40	32	26	21	17	14	12
-15°	83	68	57	46	38	30	24	20	16	14	11
-16.25°	76	63	53	43	35	27	23	18	16	13	11
-17.5°	69	59	48	40	32	26	21	17	15	12	10
-18.75°	64	54	44	36	29	24	20	16	14	11	10
-20°	59	49	40	33	27	22	18	15	13	11	9
-21.25°	53	44	37	29	25	20	17	14	12	10	8



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	47	40	33	27	23	18	16	13	11	9	8
-23.75°	42	35	29	24	20	17	15	12	10	9	8
-25°	38	31	26	22	18	16	13	11	10	8	7
-26.25°	33	27	23	20	17	14	12	10	9	8	7
-27.5°	28	24	21	18	15	13	11	10	8	7	6
-28.75°	25	22	18	16	14	12	10	9	8	7	6
-30°	22	19	16	14	12	11	9	8	7	6	5
-31.25°	19	17	15	13	11	10	8	7	7	6	5
-32.5°	17	15	13	11	10	9	8	7	6	5	4
-33.75°	15	13	12	10	9	8	7	6	6	5	4
-35°	13	12	10	9	8	7	7	6	5	4	4
-36.25°	12	10	9	8	7	7	6	5	4	4	3
-37.5°	10	9	8	7	7	6	5	5	4	4	3
-38.75°	9	8	7	7	6	5	5	4	4	3	3
-40°	8	7	7	6	5	5	4	4	3	3	3
-41.25°	7	7	6	5	5	4	4	3	3	3	3
-42.5°	6	6	5	5	4	4	3	3	3	3	2
-43.75°	6	5	4	4	4	3	3	3	3	3	2
-45°	5	4	4	4	3	3	3	3	3	2	2
-46.25°	4	4	3	3	3	3	3	2	2	2	2
-47.5°	4	3	3	3	3	3	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	2	2	2	2	2	2	2	2
-51.25°	3	3	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	1	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	2	2	2	1	1	1	1	1	1
-65°	2	2	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	1	0	0	0	0
-68.75°	1	1	1	1	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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	1	1	0	0	0	0
58.75°	2	2	1	1	1	1	1	1	0	0	0
57.5°	2	2	2	1	1	1	1	1	1	0	0
56.25°	2	2	2	2	1	1	1	1	1	1	0
55°	2	2	2	2	2	1	1	1	1	1	1
53.75°	2	2	2	2	2	2	1	1	1	1	1
52.5°	2	2	2	2	2	2	2	1	1	1	1
51.25°	2	2	2	2	2	2	2	2	1	1	1
50°	2	2	2	2	2	2	2	2	2	1	1
48.75°	2	2	2	2	2	2	2	2	2	2	1
47.5°	2	2	2	2	2	2	2	2	2	2	1
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	3	2	2	2	2	2	2	2	2	2	2
38.75°	3	3	2	2	2	2	2	2	2	2	2
37.5°	3	3	2	2	2	2	2	2	2	2	2
36.25°	3	3	3	2	2	2	2	2	2	2	2
35°	3	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	4	3	3	3	2	2	2	2	2	2	2
32.5°	4	3	3	3	3	2	2	2	2	2	2
31.25°	4	4	3	3	3	2	2	2	2	2	2
30°	5	4	3	3	3	3	2	2	2	2	2
28.75°	5	4	4	3	3	3	2	2	2	2	2
27.5°	5	5	4	3	3	3	2	2	2	2	2
26.25°	6	5	4	4	3	3	3	2	2	2	2
25°	6	5	4	4	3	3	3	2	2	2	2
23.75°	7	6	5	4	3	3	3	2	2	2	2
22.5°	7	6	5	4	4	3	3	3	2	2	2
21.25°	7	6	5	4	4	3	3	3	2	2	2
20°	8	7	6	5	4	3	3	3	2	2	2
18.75°	8	7	6	5	4	3	3	3	2	2	2
17.5°	8	7	6	5	4	4	3	3	3	2	2
16.25°	9	8	7	6	5	4	3	3	3	2	2
15°	9	8	7	6	5	4	3	3	3	2	2
13.75°	10	8	7	6	5	4	3	3	3	2	2
12.5°	10	8	7	6	5	4	3	3	3	2	2
11.25°	11	9	7	6	5	4	4	3	3	2	2
10°	11	9	8	7	5	4	4	3	3	3	2
8.75°	11	9	8	7	6	5	4	3	3	3	2
7.5°	11	10	8	7	6	5	4	3	3	3	2
6.25°	12	10	8	7	6	5	4	3	3	3	2
5°	12	10	8	7	6	5	4	3	3	3	2
3.75°	12	10	8	7	6	5	4	3	3	3	2
2.5°	12	10	8	7	6	5	4	3	3	3	2
1.25°	12	10	8	7	6	5	4	3	3	3	2
0°	12	10	8	7	6	5	4	3	3	3	2
-1.25°	12	10	8	7	6	5	4	3	3	3	2
-2.5°	12	10	8	7	6	5	4	3	3	3	2
-3.75°	12	10	8	7	6	5	4	3	3	3	2
-5°	12	10	8	7	6	5	4	3	3	3	2
-6.25°	12	10	8	7	6	5	4	3	3	3	2
-7.5°	11	10	8	7	6	5	4	3	3	3	2
-8.75°	11	9	8	7	6	5	4	3	3	3	2
-10°	11	9	8	7	5	4	4	3	3	3	2
-11.25°	11	9	7	6	5	4	4	3	3	2	2
-12.5°	10	8	7	6	5	4	3	3	3	2	2
-13.75°	10	8	7	6	5	4	3	3	3	2	2
-15°	9	8	7	6	5	4	3	3	3	2	2
-16.25°	9	8	7	6	5	4	3	3	3	2	2
-17.5°	8	7	6	5	4	4	3	3	3	2	2
-18.75°	8	7	6	5	4	3	3	3	2	2	2
-20°	8	7	6	5	4	3	3	3	2	2	2
-21.25°	7	6	5	4	4	3	3	3	2	2	2



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	7	6	5	4	4	3	3	3	2	2	2
-23.75°	7	6	5	4	3	3	3	2	2	2	2
-25°	6	5	4	4	3	3	3	2	2	2	2
-26.25°	6	5	4	4	3	3	3	2	2	2	2
-27.5°	5	5	4	3	3	3	2	2	2	2	2
-28.75°	5	4	4	3	3	3	2	2	2	2	2
-30°	5	4	3	3	3	3	2	2	2	2	2
-31.25°	4	4	3	3	3	2	2	2	2	2	2
-32.5°	4	3	3	3	3	2	2	2	2	2	2
-33.75°	4	3	3	3	2	2	2	2	2	2	2
-35°	3	3	3	3	2	2	2	2	2	2	2
-36.25°	3	3	3	2	2	2	2	2	2	2	2
-37.5°	3	3	2	2	2	2	2	2	2	2	2
-38.75°	3	3	2	2	2	2	2	2	2	2	2
-40°	3	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	1
-48.75°	2	2	2	2	2	2	2	2	2	2	1
-50°	2	2	2	2	2	2	2	2	2	1	1
-51.25°	2	2	2	2	2	2	2	2	1	1	1
-52.5°	2	2	2	2	2	2	2	1	1	1	1
-53.75°	2	2	2	2	2	2	1	1	1	1	1
-55°	2	2	2	2	2	1	1	1	1	1	1
-56.25°	2	2	2	2	1	1	1	1	1	1	0
-57.5°	2	2	2	1	1	1	1	1	1	0	0
-58.75°	2	2	1	1	1	1	1	1	0	0	0
-60°	1	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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°	1	0	0	0	0	0	0	0	0	0	0
51.25°	1	1	0	0	0	0	0	0	0	0	0
50°	1	1	0	0	0	0	0	0	0	0	0
48.75°	1	1	1	0	0	0	0	0	0	0	0
47.5°	1	1	1	1	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	1	1	1	1	0	0	0	0	0	0	0
43.75°	2	1	1	1	1	0	0	0	0	0	0
42.5°	2	1	1	1	1	0	0	0	0	0	0
41.25°	2	2	1	1	1	1	0	0	0	0	0
40°	2	2	1	1	1	1	0	0	0	0	0
38.75°	2	2	2	1	1	1	0	0	0	0	0
37.5°	2	2	2	1	1	1	1	0	0	0	0
36.25°	2	2	2	1	1	1	1	0	0	0	0
35°	2	2	2	2	1	1	1	0	0	0	0



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	2	2	2	2	2	2	1	1	1	0	0
-23.75°	2	2	2	2	2	2	1	1	1	0	0
-25°	2	2	2	2	2	2	1	1	1	0	0
-26.25°	2	2	2	2	2	2	1	1	1	0	0
-27.5°	2	2	2	2	2	1	1	1	1	0	0
-28.75°	2	2	2	2	2	1	1	1	0	0	0
-30°	2	2	2	2	2	1	1	1	0	0	0
-31.25°	2	2	2	2	2	1	1	1	0	0	0
-32.5°	2	2	2	2	1	1	1	1	0	0	0
-33.75°	2	2	2	2	1	1	1	0	0	0	0
-35°	2	2	2	2	1	1	1	0	0	0	0
-36.25°	2	2	2	1	1	1	1	0	0	0	0
-37.5°	2	2	2	1	1	1	1	0	0	0	0
-38.75°	2	2	2	1	1	1	0	0	0	0	0
-40°	2	2	1	1	1	1	0	0	0	0	0
-41.25°	2	2	1	1	1	1	0	0	0	0	0
-42.5°	2	1	1	1	1	0	0	0	0	0	0
-43.75°	2	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	1	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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: P220417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-F-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)