

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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29424)
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-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

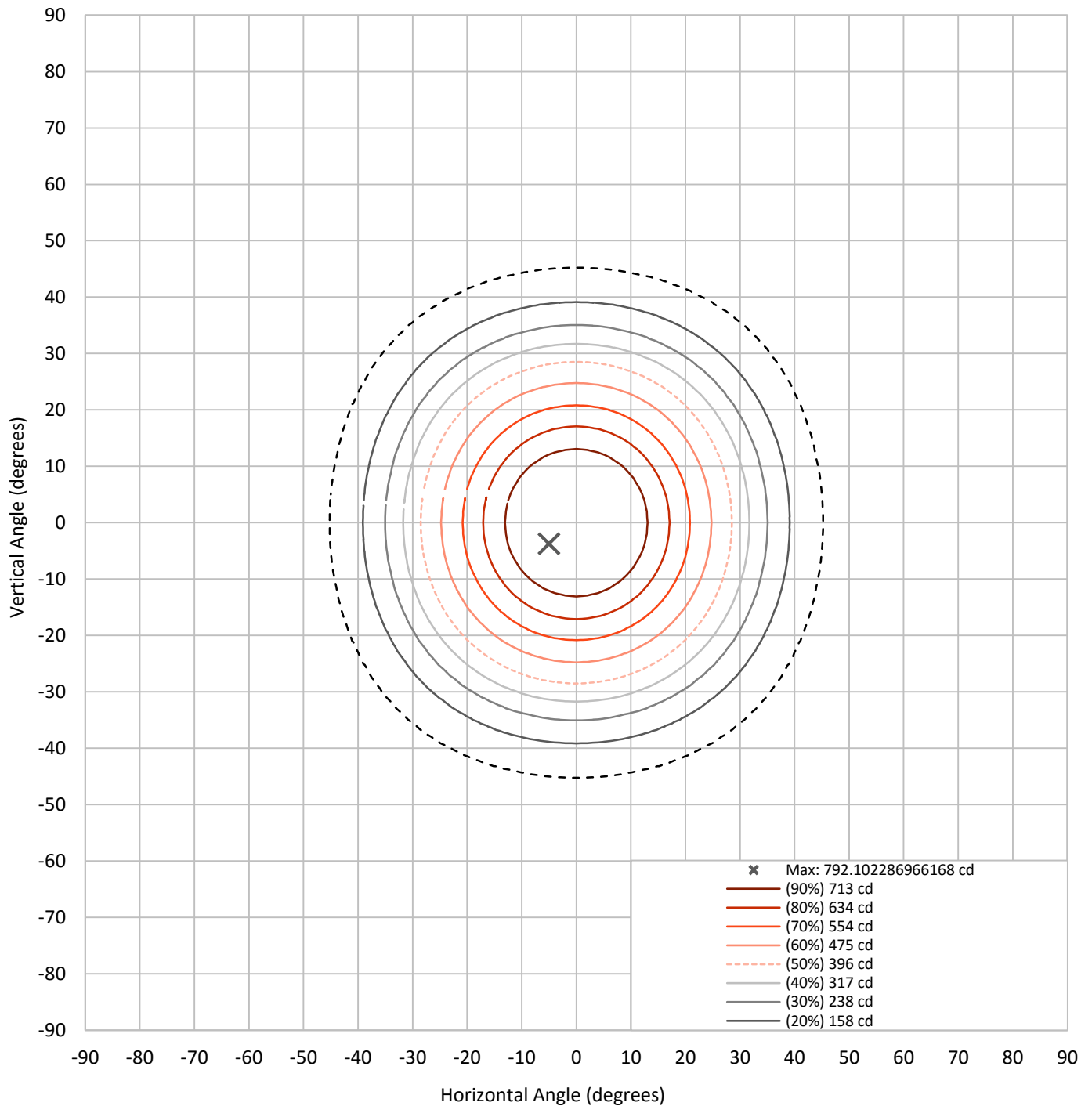
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	716.8 lumens	Max Intensity:	792.1 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	71.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.6°H x 56.3°V	Field Angle (10%):	90°H x 89.8°V
Beam Lumens:	447.1 lumens	Field Lumens:	668.2 lumens
Beam Efficiency:	62.4%	Field Efficiency:	93.2%
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-W-BK-L1-UNV

Iso-Candela Plot

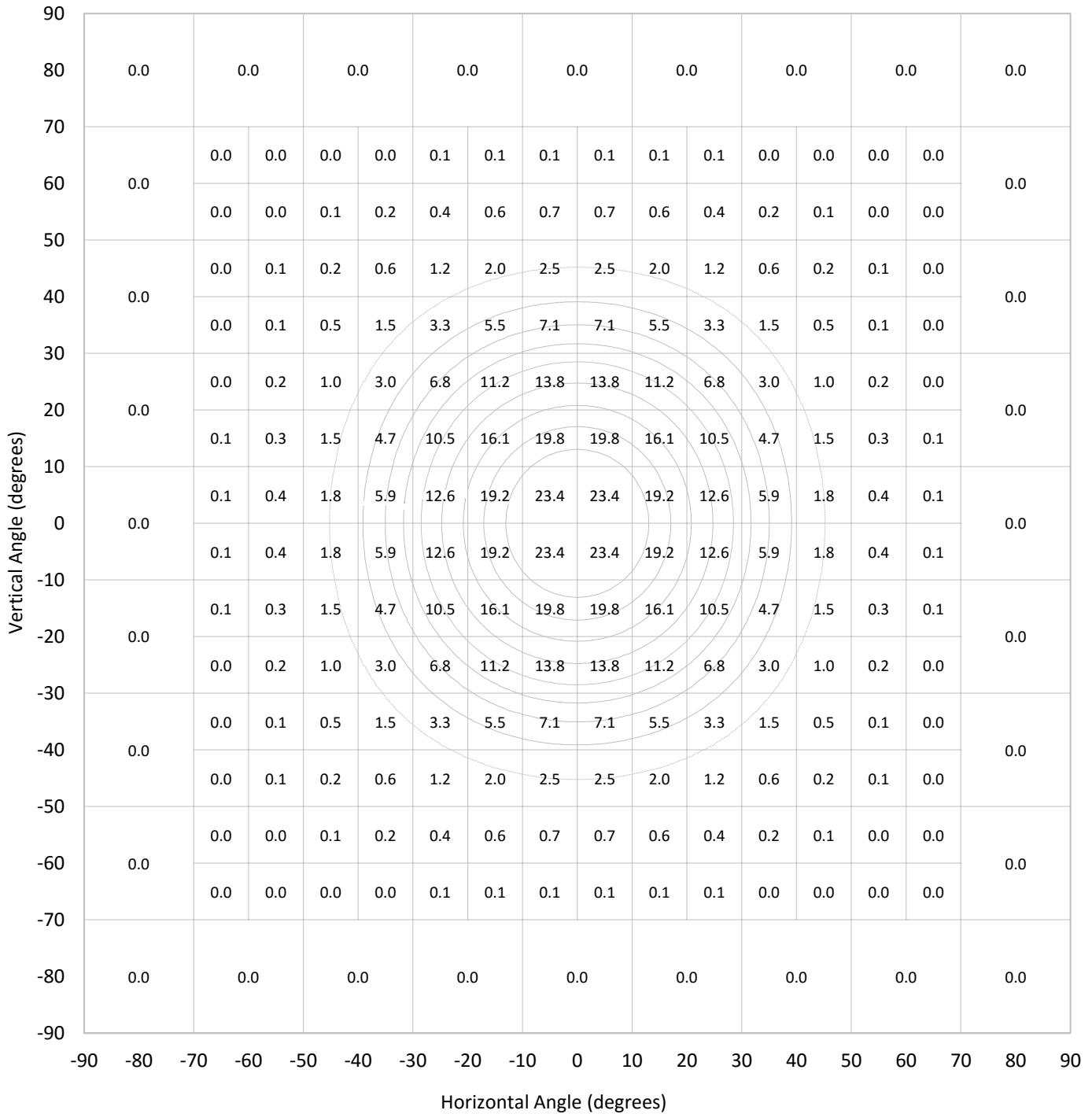




REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

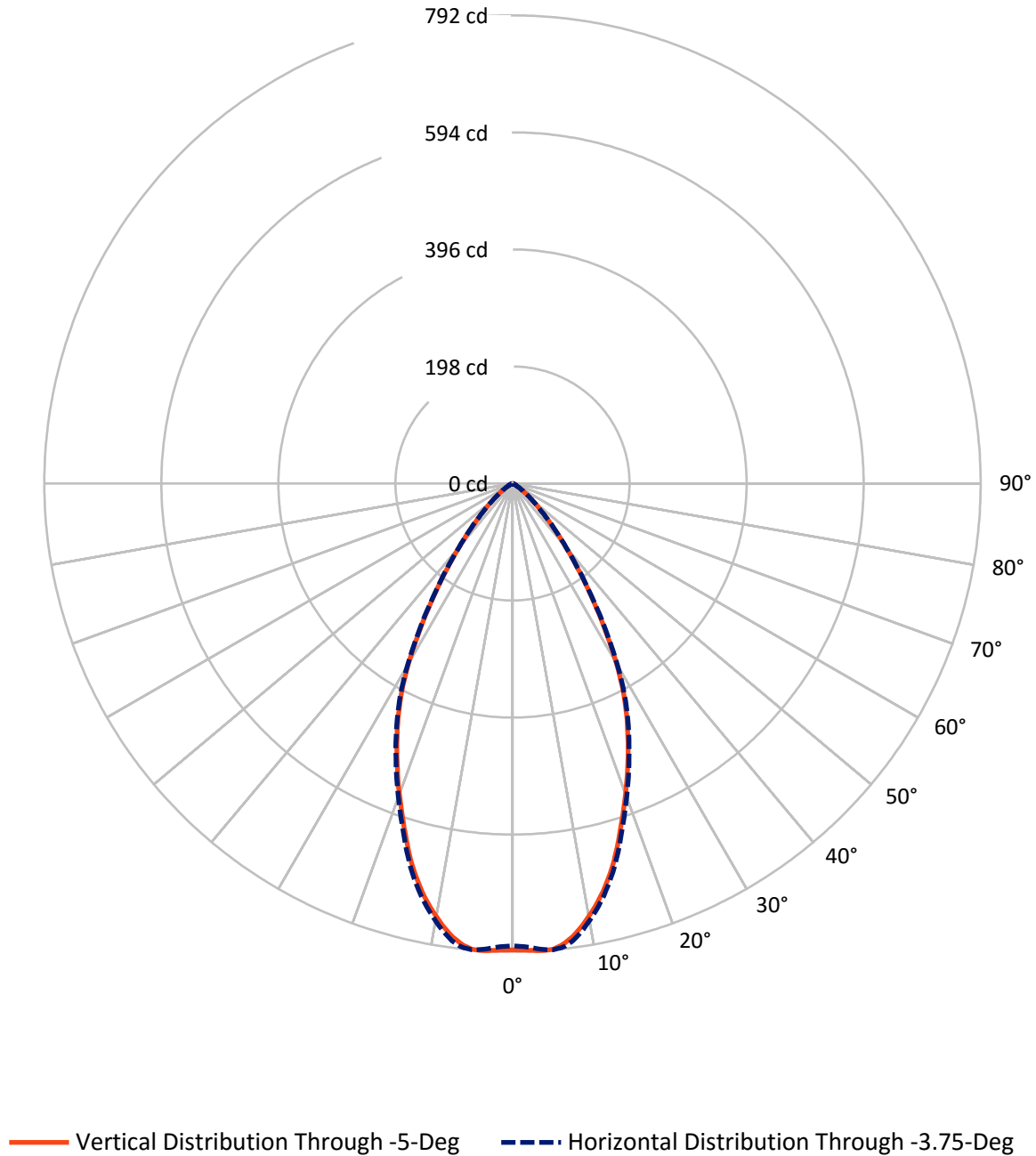
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

Lumen Table



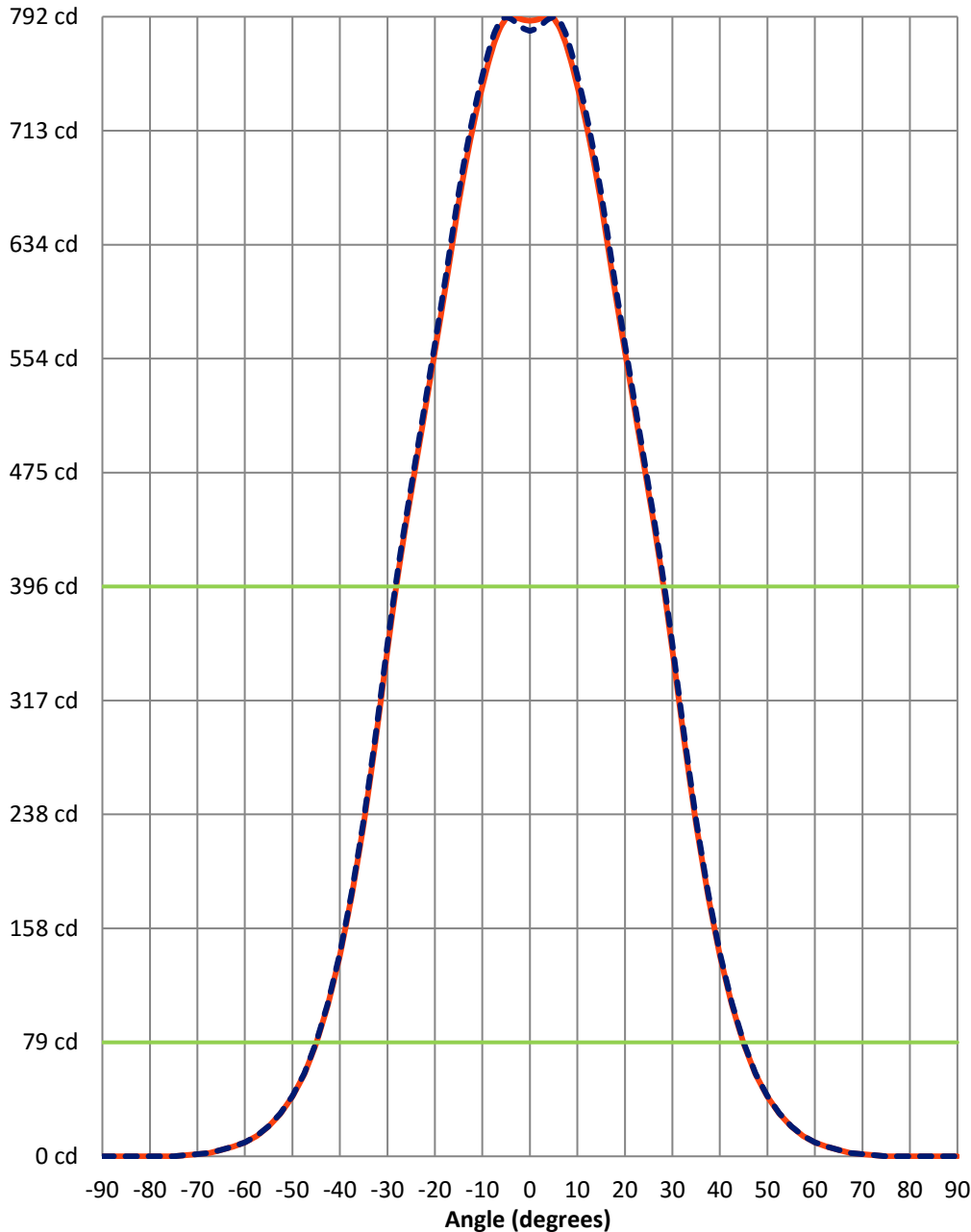
REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 56.6°
 V Angle: 56.3°
 Lumens: 447.1
 Efficiency: 62.4%

Field:
 H Angle: 90°
 V Angle: 89.8°
 Lumens: 668.2
 Efficiency: 93.2%

Spill:
 Lumens: 48.6
 Efficiency: 6.8%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



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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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	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	3
27.5°	0	0	0	0	1	1	1	1	2	2	3
26.25°	0	0	0	0	1	1	1	2	2	2	3
25°	0	0	0	0	1	1	1	2	2	2	3
23.75°	0	0	0	0	1	1	1	2	2	3	4
22.5°	0	0	0	0	1	1	1	2	2	3	4
21.25°	0	0	0	0	1	1	1	2	2	3	4
20°	0	0	0	0	1	1	1	2	2	3	4
18.75°	0	0	0	0	1	1	2	2	2	3	4
17.5°	0	0	0	1	1	1	2	2	2	3	4
16.25°	0	0	0	1	1	1	2	2	3	4	5
15°	0	0	0	1	1	1	2	2	3	4	5
13.75°	0	0	0	1	1	1	2	2	3	4	5
12.5°	0	0	0	1	1	1	2	2	3	4	5
11.25°	0	0	0	1	1	1	2	2	3	4	5
10°	0	0	0	1	1	1	2	2	3	4	5
8.75°	0	0	0	1	1	1	2	2	3	4	5
7.5°	0	0	0	1	1	1	2	2	3	4	5
6.25°	0	0	0	1	1	1	2	2	3	4	5
5°	0	0	0	1	1	1	2	2	3	4	6
3.75°	0	0	0	1	1	1	2	2	3	4	6
2.5°	0	0	0	1	1	1	2	2	3	4	6
1.25°	0	0	0	1	1	1	2	2	3	4	6
0°	0	0	0	1	1	2	2	2	3	5	6
-1.25°	0	0	0	1	1	1	2	2	3	4	6
-2.5°	0	0	0	1	1	1	2	2	3	4	6
-3.75°	0	0	0	1	1	1	2	2	3	4	6
-5°	0	0	0	1	1	1	2	2	3	4	6
-6.25°	0	0	0	1	1	1	2	2	3	4	5
-7.5°	0	0	0	1	1	1	2	2	3	4	5
-8.75°	0	0	0	1	1	1	2	2	3	4	5
-10°	0	0	0	1	1	1	2	2	3	4	5
-11.25°	0	0	0	1	1	1	2	2	3	4	5
-12.5°	0	0	0	1	1	1	2	2	3	4	5
-13.75°	0	0	0	1	1	1	2	2	3	4	5
-15°	0	0	0	1	1	1	2	2	3	4	5
-16.25°	0	0	0	1	1	1	2	2	3	4	5
-17.5°	0	0	0	1	1	1	2	2	2	3	4
-18.75°	0	0	0	0	1	1	2	2	2	3	4
-20°	0	0	0	0	1	1	1	2	2	3	4
-21.25°	0	0	0	0	1	1	1	2	2	3	4



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	1	1	1	2	2	3	4
-23.75°	0	0	0	0	1	1	1	2	2	3	4
-25°	0	0	0	0	1	1	1	2	2	2	3
-26.25°	0	0	0	0	1	1	1	2	2	2	3
-27.5°	0	0	0	0	1	1	1	1	2	2	3
-28.75°	0	0	0	0	0	1	1	1	2	2	3
-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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	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	3
51.25°	1	1	1	1	1	2	2	2	2	3	3
50°	1	1	1	1	2	2	2	2	3	3	4
48.75°	1	1	1	2	2	2	2	3	3	4	5
47.5°	1	1	1	2	2	2	3	3	4	5	5
46.25°	1	1	2	2	2	2	3	4	4	5	6
45°	1	1	2	2	2	3	4	4	5	6	6
43.75°	1	2	2	2	3	3	4	5	6	6	7
42.5°	1	2	2	2	3	4	5	5	6	7	8
41.25°	2	2	2	3	3	4	5	6	7	7	8
40°	2	2	2	3	4	5	5	6	7	8	9
38.75°	2	2	3	4	4	5	6	7	8	9	10
37.5°	2	2	3	4	5	6	6	7	8	10	11
36.25°	2	3	3	4	5	6	7	8	9	10	12
35°	2	3	4	5	6	6	7	9	10	11	13



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	3	4	5	6	7	8	9	11	12	14
32.5°	3	4	4	5	6	7	9	10	11	13	15
31.25°	3	4	5	6	7	8	9	10	12	14	17
30°	3	4	5	6	7	8	10	11	13	15	18
28.75°	4	4	5	6	8	9	10	12	14	17	19
27.5°	4	5	6	7	8	9	11	13	15	18	21
26.25°	4	5	6	7	8	10	12	14	16	19	22
25°	4	5	6	7	9	10	12	14	17	20	23
23.75°	5	6	7	8	9	11	13	15	18	21	25
22.5°	5	6	7	8	10	11	13	16	19	22	26
21.25°	5	6	7	8	10	12	14	17	20	24	28
20°	5	6	7	9	10	13	15	18	21	25	29
18.75°	5	6	8	9	11	13	15	19	22	26	30
17.5°	6	7	8	9	11	13	16	19	23	27	32
16.25°	6	7	8	10	12	14	17	20	24	28	33
15°	6	7	8	10	12	14	18	21	25	29	35
13.75°	6	7	9	10	12	15	18	21	26	30	36
12.5°	6	7	9	11	13	15	19	22	27	31	37
11.25°	6	8	9	11	13	16	19	23	27	32	38
10°	6	8	9	11	13	16	20	23	28	33	39
8.75°	6	8	9	11	14	17	20	24	28	34	40
7.5°	7	8	9	12	14	17	20	24	29	34	40
6.25°	7	8	10	12	14	17	21	25	29	35	41
5°	7	8	10	12	14	17	21	25	30	36	42
3.75°	7	8	10	12	14	18	21	25	30	36	42
2.5°	7	8	10	12	14	18	21	26	30	36	42
1.25°	7	8	10	12	14	18	21	26	30	36	42
0°	7	8	10	12	14	18	21	26	30	36	42
-1.25°	7	8	10	12	14	18	21	26	30	36	42
-2.5°	7	8	10	12	14	18	21	26	30	36	42
-3.75°	7	8	10	12	14	18	21	26	30	36	42
-5°	7	8	10	12	14	17	21	25	30	36	42
-6.25°	7	8	10	12	14	17	21	25	29	35	41
-7.5°	7	8	9	12	14	17	20	24	29	34	40
-8.75°	6	8	9	11	14	17	20	24	28	34	40
-10°	6	8	9	11	13	16	20	23	28	33	39
-11.25°	6	8	9	11	13	16	19	23	27	32	38
-12.5°	6	7	9	11	13	15	19	22	27	31	37
-13.75°	6	7	9	10	12	15	18	21	26	30	36
-15°	6	7	8	10	12	14	18	21	25	29	35
-16.25°	6	7	8	10	12	14	17	20	24	28	33
-17.5°	6	7	8	9	11	13	16	19	23	27	32
-18.75°	5	6	8	9	11	13	15	19	22	26	30
-20°	5	6	7	9	10	13	15	18	21	25	29
-21.25°	5	6	7	8	10	12	14	17	20	24	28



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	5	6	7	8	10	11	13	16	19	22	26
-23.75°	5	6	7	8	9	11	13	15	18	21	25
-25°	4	5	6	7	9	10	12	14	17	20	23
-26.25°	4	5	6	7	8	10	12	14	16	19	22
-27.5°	4	5	6	7	8	9	11	13	15	18	21
-28.75°	4	4	5	6	8	9	10	12	14	17	19
-30°	3	4	5	6	7	8	10	11	13	15	18
-31.25°	3	4	5	6	7	8	9	10	12	14	17
-32.5°	3	4	4	5	6	7	9	10	11	13	15
-33.75°	2	3	4	5	6	7	8	9	11	12	14
-35°	2	3	4	5	6	6	7	9	10	11	13
-36.25°	2	3	3	4	5	6	7	8	9	10	12
-37.5°	2	2	3	4	5	6	6	7	8	10	11
-38.75°	2	2	3	4	4	5	6	7	8	9	10
-40°	2	2	2	3	4	5	5	6	7	8	9
-41.25°	2	2	2	3	3	4	5	6	7	7	8
-42.5°	1	2	2	2	3	4	5	5	6	7	8
-43.75°	1	2	2	2	3	3	4	5	6	6	7
-45°	1	1	2	2	2	3	4	4	5	6	6
-46.25°	1	1	2	2	2	2	3	4	4	5	6
-47.5°	1	1	1	2	2	2	3	3	4	5	5
-48.75°	1	1	1	2	2	2	2	3	3	4	5
-50°	1	1	1	1	2	2	2	2	3	3	4
-51.25°	1	1	1	1	1	2	2	2	2	3	3
-52.5°	0	1	1	1	1	1	2	2	2	2	3
-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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	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	3
60°	1	1	2	2	2	2	2	2	3	3	3
58.75°	2	2	2	2	2	2	3	3	4	4	4
57.5°	2	2	2	2	3	3	3	4	4	5	5
56.25°	2	2	2	3	3	4	4	5	5	6	6
55°	2	3	3	4	4	5	5	5	6	6	7
53.75°	3	3	4	4	5	5	6	6	7	7	8
52.5°	3	4	4	5	6	6	7	7	8	8	9
51.25°	4	5	5	6	6	7	7	8	9	10	10
50°	5	5	6	6	7	8	8	9	10	11	12
48.75°	5	6	6	7	8	9	9	10	12	13	14
47.5°	6	6	7	8	9	10	11	12	13	14	16
46.25°	6	7	8	9	10	11	12	13	15	16	18
45°	7	8	9	10	11	12	14	15	17	19	21
43.75°	8	9	10	11	12	14	15	17	19	21	23
42.5°	9	10	11	12	14	16	18	20	22	24	27
41.25°	9	11	12	14	15	18	20	22	24	27	30
40°	10	12	13	15	17	20	22	25	27	30	33
38.75°	12	13	15	17	19	22	24	27	30	34	37
37.5°	13	14	16	19	21	24	27	30	34	38	41
36.25°	14	16	18	21	23	27	30	33	37	41	46
35°	15	17	20	23	26	29	33	37	41	46	51



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	16	19	22	25	28	32	36	40	45	50	56
32.5°	18	20	24	27	30	35	39	44	50	55	61
31.25°	19	22	26	29	33	38	42	48	54	60	68
30°	21	24	28	32	36	41	46	52	58	66	74
28.75°	22	26	30	34	39	44	50	56	64	72	80
27.5°	24	28	32	37	42	48	54	61	69	78	88
26.25°	26	30	34	39	45	51	58	66	75	84	95
25°	27	32	37	42	48	55	62	71	80	91	102
23.75°	29	34	39	45	51	58	67	76	86	98	109
22.5°	30	36	41	47	54	62	71	81	93	104	118
21.25°	32	38	43	50	57	66	76	87	98	111	125
20°	34	40	46	53	60	70	80	92	104	118	133
18.75°	36	41	48	55	64	74	85	97	110	125	140
17.5°	37	43	50	58	68	77	89	102	116	132	148
16.25°	39	45	53	61	71	81	94	107	122	138	156
15°	40	47	55	63	74	85	98	111	128	144	163
13.75°	42	49	56	66	76	89	102	116	133	150	170
12.5°	43	50	58	68	79	92	105	121	137	156	177
11.25°	44	52	60	71	82	95	108	125	142	162	182
10°	46	53	62	73	84	98	112	129	146	167	188
8.75°	47	54	64	74	87	100	115	132	151	171	193
7.5°	48	55	65	76	89	102	118	135	154	175	198
6.25°	48	56	66	77	90	104	120	138	157	179	202
5°	49	57	67	78	92	106	122	140	160	181	206
3.75°	50	58	68	79	93	107	124	141	162	184	208
2.5°	50	58	69	80	94	108	125	142	164	185	210
1.25°	50	58	69	80	94	108	126	143	164	186	211
0°	50	58	69	80	94	108	126	143	165	186	212
-1.25°	50	58	69	80	94	108	126	143	164	186	211
-2.5°	50	58	69	80	94	108	125	142	164	185	210
-3.75°	50	58	68	79	93	107	124	141	162	184	208
-5°	49	57	67	78	92	106	122	140	160	181	206
-6.25°	48	56	66	77	90	104	120	138	157	179	202
-7.5°	48	55	65	76	89	102	118	135	154	175	198
-8.75°	47	54	64	74	87	100	115	132	151	171	193
-10°	46	53	62	73	84	98	112	129	146	167	188
-11.25°	44	52	60	71	82	95	108	125	142	162	182
-12.5°	43	50	58	68	79	92	105	121	137	156	177
-13.75°	42	49	56	66	76	89	102	116	133	150	170
-15°	40	47	55	63	74	85	98	111	128	144	163
-16.25°	39	45	53	61	71	81	94	107	122	138	156
-17.5°	37	43	50	58	68	77	89	102	116	132	148
-18.75°	36	41	48	55	64	74	85	97	110	125	140
-20°	34	40	46	53	60	70	80	92	104	118	133
-21.25°	32	38	43	50	57	66	76	87	98	111	125



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	30	36	41	47	54	62	71	81	93	104	118
-23.75°	29	34	39	45	51	58	67	76	86	98	109
-25°	27	32	37	42	48	55	62	71	80	91	102
-26.25°	26	30	34	39	45	51	58	66	75	84	95
-27.5°	24	28	32	37	42	48	54	61	69	78	88
-28.75°	22	26	30	34	39	44	50	56	64	72	80
-30°	21	24	28	32	36	41	46	52	58	66	74
-31.25°	19	22	26	29	33	38	42	48	54	60	68
-32.5°	18	20	24	27	30	35	39	44	50	55	61
-33.75°	16	19	22	25	28	32	36	40	45	50	56
-35°	15	17	20	23	26	29	33	37	41	46	51
-36.25°	14	16	18	21	23	27	30	33	37	41	46
-37.5°	13	14	16	19	21	24	27	30	34	38	41
-38.75°	12	13	15	17	19	22	24	27	30	34	37
-40°	10	12	13	15	17	20	22	25	27	30	33
-41.25°	9	11	12	14	15	18	20	22	24	27	30
-42.5°	9	10	11	12	14	16	18	20	22	24	27
-43.75°	8	9	10	11	12	14	15	17	19	21	23
-45°	7	8	9	10	11	12	14	15	17	19	21
-46.25°	6	7	8	9	10	11	12	13	15	16	18
-47.5°	6	6	7	8	9	10	11	12	13	14	16
-48.75°	5	6	6	7	8	9	9	10	12	13	14
-50°	5	5	6	6	7	8	8	9	10	11	12
-51.25°	4	5	5	6	6	7	7	8	9	10	10
-52.5°	3	4	4	5	6	6	7	7	8	8	9
-53.75°	3	3	4	4	5	5	6	6	7	7	8
-55°	2	3	3	4	4	5	5	5	6	6	7
-56.25°	2	2	2	3	3	4	4	5	5	6	6
-57.5°	2	2	2	2	3	3	3	4	4	5	5
-58.75°	2	2	2	2	2	2	3	3	4	4	4
-60°	1	1	2	2	2	2	2	2	3	3	3
-61.25°	1	1	1	1	2	2	2	2	2	2	3
-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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	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	3	3
63.75°	2	2	2	2	2	3	3	3	3	4	4
62.5°	2	2	3	3	3	4	4	4	4	5	5
61.25°	3	3	4	4	4	4	5	5	5	6	6
60°	4	4	4	5	5	5	6	6	6	7	7
58.75°	5	5	5	6	6	6	7	7	7	8	8
57.5°	6	6	6	7	7	8	8	8	9	9	10
56.25°	6	7	7	8	8	9	9	10	10	11	11
55°	7	8	9	9	10	10	11	12	12	13	13
53.75°	9	9	10	10	11	12	13	14	14	15	16
52.5°	10	11	11	12	13	14	15	16	17	18	19
51.25°	11	12	13	14	15	17	18	19	20	21	22
50°	13	14	15	17	18	19	21	22	23	25	26
48.75°	15	16	18	19	21	22	24	26	27	29	30
47.5°	17	19	20	22	24	26	28	30	32	34	36
46.25°	20	22	24	26	28	30	32	34	37	39	41
45°	23	25	27	29	32	34	37	39	42	45	47
43.75°	26	28	30	33	36	39	42	45	48	51	54
42.5°	29	32	35	38	41	44	48	51	55	58	62
41.25°	33	36	39	42	46	50	54	58	62	67	71
40°	37	40	44	48	52	56	61	66	71	76	81
38.75°	41	45	50	54	58	64	69	75	80	86	93
37.5°	46	50	55	60	66	72	78	84	91	98	104
36.25°	51	56	61	68	74	80	88	95	102	109	118
35°	56	62	69	75	82	90	98	106	114	123	132



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	62	69	76	84	92	100	109	118	128	137	146
32.5°	69	76	84	93	102	111	121	131	141	152	164
31.25°	75	84	93	102	112	123	134	144	157	169	181
30°	82	92	102	112	124	135	146	160	173	185	199
28.75°	90	100	111	123	135	147	161	175	189	204	219
27.5°	98	109	121	134	146	161	176	190	207	222	238
26.25°	106	118	131	144	160	175	190	208	224	241	260
25°	114	128	141	157	173	189	207	224	242	262	282
23.75°	123	137	152	169	185	204	222	241	262	283	303
22.5°	132	146	164	181	199	219	238	260	282	303	325
21.25°	140	157	175	193	213	233	255	278	300	324	347
20°	149	167	185	206	226	248	272	295	320	344	367
18.75°	158	177	196	218	239	264	288	313	339	363	386
17.5°	167	186	208	229	253	279	304	330	356	381	403
16.25°	175	196	218	241	267	293	320	347	373	397	419
15°	183	205	228	253	280	306	334	362	388	411	434
13.75°	191	214	237	264	291	320	348	376	401	425	447
12.5°	199	222	247	275	303	332	361	388	413	437	459
11.25°	206	230	256	284	314	343	372	399	424	448	470
10°	212	236	265	293	323	354	382	409	434	457	480
8.75°	218	243	272	301	332	363	391	418	443	466	490
7.5°	223	250	279	309	340	370	399	425	450	474	498
6.25°	227	255	284	315	346	377	405	432	456	480	504
5°	231	259	289	320	352	382	410	437	461	486	510
3.75°	234	263	292	324	356	386	414	440	465	490	515
2.5°	236	265	295	327	359	389	417	443	468	493	518
1.25°	237	267	296	329	361	391	419	445	470	495	520
0°	237	267	297	329	361	391	419	446	470	496	521
-1.25°	237	267	296	329	361	391	419	445	470	495	520
-2.5°	236	265	295	327	359	389	417	443	468	493	518
-3.75°	234	263	292	324	356	386	414	440	465	490	515
-5°	231	259	289	320	352	382	410	437	461	486	510
-6.25°	227	255	284	315	346	377	405	432	456	480	504
-7.5°	223	250	279	309	340	370	399	425	450	474	498
-8.75°	218	243	272	301	332	363	391	418	443	466	490
-10°	212	236	265	293	323	354	382	409	434	457	480
-11.25°	206	230	256	284	314	343	372	399	424	448	470
-12.5°	199	222	247	275	303	332	361	388	413	437	459
-13.75°	191	214	237	264	291	320	348	376	401	425	447
-15°	183	205	228	253	280	306	334	362	388	411	434
-16.25°	175	196	218	241	267	293	320	347	373	397	419
-17.5°	167	186	208	229	253	279	304	330	356	381	403
-18.75°	158	177	196	218	239	264	288	313	339	363	386
-20°	149	167	185	206	226	248	272	295	320	344	367
-21.25°	140	157	175	193	213	233	255	278	300	324	347



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	132	146	164	181	199	219	238	260	282	303	325
-23.75°	123	137	152	169	185	204	222	241	262	283	303
-25°	114	128	141	157	173	189	207	224	242	262	282
-26.25°	106	118	131	144	160	175	190	208	224	241	260
-27.5°	98	109	121	134	146	161	176	190	207	222	238
-28.75°	90	100	111	123	135	147	161	175	189	204	219
-30°	82	92	102	112	124	135	146	160	173	185	199
-31.25°	75	84	93	102	112	123	134	144	157	169	181
-32.5°	69	76	84	93	102	111	121	131	141	152	164
-33.75°	62	69	76	84	92	100	109	118	128	137	146
-35°	56	62	69	75	82	90	98	106	114	123	132
-36.25°	51	56	61	68	74	80	88	95	102	109	118
-37.5°	46	50	55	60	66	72	78	84	91	98	104
-38.75°	41	45	50	54	58	64	69	75	80	86	93
-40°	37	40	44	48	52	56	61	66	71	76	81
-41.25°	33	36	39	42	46	50	54	58	62	67	71
-42.5°	29	32	35	38	41	44	48	51	55	58	62
-43.75°	26	28	30	33	36	39	42	45	48	51	54
-45°	23	25	27	29	32	34	37	39	42	45	47
-46.25°	20	22	24	26	28	30	32	34	37	39	41
-47.5°	17	19	20	22	24	26	28	30	32	34	36
-48.75°	15	16	18	19	21	22	24	26	27	29	30
-50°	13	14	15	17	18	19	21	22	23	25	26
-51.25°	11	12	13	14	15	17	18	19	20	21	22
-52.5°	10	11	11	12	13	14	15	16	17	18	19
-53.75°	9	9	10	10	11	12	13	14	14	15	16
-55°	7	8	9	9	10	10	11	12	12	13	13
-56.25°	6	7	7	8	8	9	9	10	10	11	11
-57.5°	6	6	6	7	7	8	8	8	9	9	10
-58.75°	5	5	5	6	6	6	7	7	7	8	8
-60°	4	4	4	5	5	5	6	6	6	7	7
-61.25°	3	3	4	4	4	4	5	5	5	6	6
-62.5°	2	2	3	3	3	4	4	4	4	5	5
-63.75°	2	2	2	2	2	3	3	3	3	4	4
-65°	2	2	2	2	2	2	2	2	2	3	3
-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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	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	3	3	3	3	3	3	3
65°	3	3	3	3	4	4	4	4	4	4	4
63.75°	4	4	4	4	5	5	5	5	5	5	5
62.5°	5	5	5	6	6	6	6	6	6	6	6
61.25°	6	6	6	7	7	7	7	7	8	8	8
60°	7	7	8	8	8	8	9	9	9	9	9
58.75°	8	9	9	9	10	10	10	11	11	11	11
57.5°	10	10	11	11	12	12	12	13	13	13	14
56.25°	12	13	13	13	14	14	15	15	16	16	17
55°	14	15	15	16	17	18	18	19	19	20	20
53.75°	17	18	19	19	20	21	21	22	23	23	24
52.5°	20	21	22	23	24	25	26	27	27	28	28
51.25°	24	25	26	27	28	29	30	31	32	33	34
50°	28	29	30	32	33	35	36	37	38	39	40
48.75°	32	34	36	37	39	40	42	43	44	46	47
47.5°	38	40	41	43	45	47	49	50	52	53	54
46.25°	43	46	48	50	53	55	56	58	60	62	64
45°	50	53	55	58	61	63	66	68	71	73	74
43.75°	57	60	64	68	71	74	76	79	82	84	87
42.5°	66	70	74	77	81	85	89	92	95	98	100
41.25°	76	80	85	89	94	98	102	105	108	112	115
40°	87	92	97	102	107	111	116	121	125	129	132
38.75°	98	104	110	116	122	128	133	137	142	146	151
37.5°	111	118	125	132	138	144	150	156	162	167	171
36.25°	125	133	140	148	156	163	170	177	182	188	193
35°	140	149	158	167	175	183	191	199	206	212	218



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	157	167	177	186	196	205	214	222	230	236	243
32.5°	175	185	196	208	218	228	237	247	256	265	272
31.25°	193	206	218	229	241	253	264	275	284	293	301
30°	213	226	239	253	267	280	291	303	314	323	332
28.75°	233	248	264	279	293	306	320	332	343	354	363
27.5°	255	272	288	304	320	334	348	361	372	382	391
26.25°	278	295	313	330	347	362	376	388	399	409	418
25°	300	320	339	356	373	388	401	413	424	434	443
23.75°	324	344	363	381	397	411	425	437	448	457	466
22.5°	347	367	386	403	419	434	447	459	470	480	490
21.25°	369	389	407	424	440	454	468	480	492	503	512
20°	389	408	427	444	459	474	489	502	514	525	536
18.75°	407	427	445	462	478	494	508	523	536	548	559
17.5°	424	444	462	480	497	513	529	543	557	570	582
16.25°	440	459	478	497	514	531	548	563	578	592	605
15°	454	474	494	513	531	550	566	583	599	614	629
13.75°	468	489	508	529	548	566	585	603	620	637	652
12.5°	480	502	523	543	563	583	603	622	641	659	674
11.25°	492	514	536	557	578	599	620	641	661	679	693
10°	503	525	548	570	592	614	637	659	679	696	711
8.75°	512	536	559	582	605	629	652	674	693	711	726
7.5°	521	545	568	592	617	642	666	687	706	724	739
6.25°	529	553	577	602	627	653	677	698	718	735	750
5°	535	559	584	610	636	662	686	707	727	744	760
3.75°	540	565	590	616	643	669	693	714	734	751	767
2.5°	543	568	594	621	648	675	698	719	739	757	773
1.25°	546	570	597	624	651	678	701	722	742	760	776
0°	546	571	598	625	653	679	702	723	743	761	777
-1.25°	546	570	597	624	651	678	701	722	742	760	776
-2.5°	543	568	594	621	648	675	698	719	739	757	773
-3.75°	540	565	590	616	643	669	693	714	734	751	767
-5°	535	559	584	610	636	662	686	707	727	744	760
-6.25°	529	553	577	602	627	653	677	698	718	735	750
-7.5°	521	545	568	592	617	642	666	687	706	724	739
-8.75°	512	536	559	582	605	629	652	674	693	711	726
-10°	503	525	548	570	592	614	637	659	679	696	711
-11.25°	492	514	536	557	578	599	620	641	661	679	693
-12.5°	480	502	523	543	563	583	603	622	641	659	674
-13.75°	468	489	508	529	548	566	585	603	620	637	652
-15°	454	474	494	513	531	550	566	583	599	614	629
-16.25°	440	459	478	497	514	531	548	563	578	592	605
-17.5°	424	444	462	480	497	513	529	543	557	570	582
-18.75°	407	427	445	462	478	494	508	523	536	548	559
-20°	389	408	427	444	459	474	489	502	514	525	536
-21.25°	369	389	407	424	440	454	468	480	492	503	512



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	347	367	386	403	419	434	447	459	470	480	490
-23.75°	324	344	363	381	397	411	425	437	448	457	466
-25°	300	320	339	356	373	388	401	413	424	434	443
-26.25°	278	295	313	330	347	362	376	388	399	409	418
-27.5°	255	272	288	304	320	334	348	361	372	382	391
-28.75°	233	248	264	279	293	306	320	332	343	354	363
-30°	213	226	239	253	267	280	291	303	314	323	332
-31.25°	193	206	218	229	241	253	264	275	284	293	301
-32.5°	175	185	196	208	218	228	237	247	256	265	272
-33.75°	157	167	177	186	196	205	214	222	230	236	243
-35°	140	149	158	167	175	183	191	199	206	212	218
-36.25°	125	133	140	148	156	163	170	177	182	188	193
-37.5°	111	118	125	132	138	144	150	156	162	167	171
-38.75°	98	104	110	116	122	128	133	137	142	146	151
-40°	87	92	97	102	107	111	116	121	125	129	132
-41.25°	76	80	85	89	94	98	102	105	108	112	115
-42.5°	66	70	74	77	81	85	89	92	95	98	100
-43.75°	57	60	64	68	71	74	76	79	82	84	87
-45°	50	53	55	58	61	63	66	68	71	73	74
-46.25°	43	46	48	50	53	55	56	58	60	62	64
-47.5°	38	40	41	43	45	47	49	50	52	53	54
-48.75°	32	34	36	37	39	40	42	43	44	46	47
-50°	28	29	30	32	33	35	36	37	38	39	40
-51.25°	24	25	26	27	28	29	30	31	32	33	34
-52.5°	20	21	22	23	24	25	26	27	27	28	28
-53.75°	17	18	19	19	20	21	21	22	23	23	24
-55°	14	15	15	16	17	18	18	19	19	20	20
-56.25°	12	13	13	13	14	14	15	15	16	16	17
-57.5°	10	10	11	11	12	12	12	13	13	13	14
-58.75°	8	9	9	9	10	10	10	11	11	11	11
-60°	7	7	8	8	8	8	9	9	9	9	9
-61.25°	6	6	6	7	7	7	7	7	8	8	8
-62.5°	5	5	5	6	6	6	6	6	6	6	6
-63.75°	4	4	4	4	5	5	5	5	5	5	5
-65°	3	3	3	3	4	4	4	4	4	4	4
-66.25°	2	2	2	2	3	3	3	3	3	3	3
-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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	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°	3	3	3	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	5	4	4	4	4
63.75°	5	5	6	6	6	6	6	6	6	6	6
62.5°	7	7	7	7	7	7	7	7	7	7	7
61.25°	8	8	8	8	8	8	8	8	8	8	8
60°	9	10	10	10	10	10	10	10	10	10	10
58.75°	12	12	12	12	12	12	12	12	12	12	12
57.5°	14	14	14	14	14	14	14	14	14	14	14
56.25°	17	17	17	18	18	18	18	18	18	18	17
55°	20	21	21	21	21	21	21	21	21	21	21
53.75°	24	25	25	25	26	26	26	26	26	25	25
52.5°	29	29	30	30	30	30	30	30	30	30	30
51.25°	34	35	36	36	36	36	36	36	36	36	36
50°	40	41	42	42	42	42	42	42	42	42	42
48.75°	48	48	49	50	50	50	50	50	50	50	49
47.5°	55	56	57	58	58	58	58	58	58	58	57
46.25°	65	66	67	68	69	69	69	69	69	68	67
45°	76	77	78	79	80	80	80	80	80	79	78
43.75°	89	90	92	93	94	94	94	94	94	93	92
42.5°	102	104	106	107	108	108	108	108	108	107	106
41.25°	118	120	122	124	125	126	126	126	125	124	122
40°	135	138	140	141	142	143	143	143	142	141	140
38.75°	154	157	160	162	164	164	165	164	164	162	160
37.5°	175	179	181	184	185	186	186	186	185	184	181
36.25°	198	202	206	208	210	211	212	211	210	208	206
35°	223	227	231	234	236	237	237	237	236	234	231



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	250	255	259	263	265	267	267	267	265	263	259
32.5°	279	284	289	292	295	296	297	296	295	292	289
31.25°	309	315	320	324	327	329	329	329	327	324	320
30°	340	346	352	356	359	361	361	361	359	356	352
28.75°	370	377	382	386	389	391	391	391	389	386	382
27.5°	399	405	410	414	417	419	419	419	417	414	410
26.25°	425	432	437	440	443	445	446	445	443	440	437
25°	450	456	461	465	468	470	470	470	468	465	461
23.75°	474	480	486	490	493	495	496	495	493	490	486
22.5°	498	504	510	515	518	520	521	520	518	515	510
21.25°	521	529	535	540	543	546	546	546	543	540	535
20°	545	553	559	565	568	570	571	570	568	565	559
18.75°	568	577	584	590	594	597	598	597	594	590	584
17.5°	592	602	610	616	621	624	625	624	621	616	610
16.25°	617	627	636	643	648	651	653	651	648	643	636
15°	642	653	662	669	675	678	679	678	675	669	662
13.75°	666	677	686	693	698	701	702	701	698	693	686
12.5°	687	698	707	714	719	722	723	722	719	714	707
11.25°	706	718	727	734	739	742	743	742	739	734	727
10°	724	735	744	751	757	760	761	760	757	751	744
8.75°	739	750	760	767	773	776	777	776	773	767	760
7.5°	752	764	774	781	785	787	788	787	785	781	774
6.25°	764	776	785	790	792	792	792	792	792	790	785
5°	774	785	791	792	791	790	789	790	791	792	791
3.75°	781	790	792	790	787	784	782	784	787	790	792
2.5°	785	792	791	787	781	776	774	776	781	787	791
1.25°	787	792	790	784	776	771	771	771	776	784	790
0°	788	792	789	782	774	771	771	771	774	782	789
-1.25°	787	792	790	784	776	771	771	771	776	784	790
-2.5°	785	792	791	787	781	776	774	776	781	787	791
-3.75°	781	790	792	790	787	784	782	784	787	790	792
-5°	774	785	791	792	791	790	789	790	791	792	791
-6.25°	764	776	785	790	792	792	792	792	792	790	785
-7.5°	752	764	774	781	785	787	788	787	785	781	774
-8.75°	739	750	760	767	773	776	777	776	773	767	760
-10°	724	735	744	751	757	760	761	760	757	751	744
-11.25°	706	718	727	734	739	742	743	742	739	734	727
-12.5°	687	698	707	714	719	722	723	722	719	714	707
-13.75°	666	677	686	693	698	701	702	701	698	693	686
-15°	642	653	662	669	675	678	679	678	675	669	662
-16.25°	617	627	636	643	648	651	653	651	648	643	636
-17.5°	592	602	610	616	621	624	625	624	621	616	610
-18.75°	568	577	584	590	594	597	598	597	594	590	584
-20°	545	553	559	565	568	570	571	570	568	565	559
-21.25°	521	529	535	540	543	546	546	546	543	540	535



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	498	504	510	515	518	520	521	520	518	515	510
-23.75°	474	480	486	490	493	495	496	495	493	490	486
-25°	450	456	461	465	468	470	470	470	468	465	461
-26.25°	425	432	437	440	443	445	446	445	443	440	437
-27.5°	399	405	410	414	417	419	419	419	417	414	410
-28.75°	370	377	382	386	389	391	391	391	389	386	382
-30°	340	346	352	356	359	361	361	361	359	356	352
-31.25°	309	315	320	324	327	329	329	329	327	324	320
-32.5°	279	284	289	292	295	296	297	296	295	292	289
-33.75°	250	255	259	263	265	267	267	267	265	263	259
-35°	223	227	231	234	236	237	237	237	236	234	231
-36.25°	198	202	206	208	210	211	212	211	210	208	206
-37.5°	175	179	181	184	185	186	186	186	185	184	181
-38.75°	154	157	160	162	164	164	165	164	164	162	160
-40°	135	138	140	141	142	143	143	143	142	141	140
-41.25°	118	120	122	124	125	126	126	126	125	124	122
-42.5°	102	104	106	107	108	108	108	108	108	107	106
-43.75°	89	90	92	93	94	94	94	94	94	93	92
-45°	76	77	78	79	80	80	80	80	80	79	78
-46.25°	65	66	67	68	69	69	69	69	69	68	67
-47.5°	55	56	57	58	58	58	58	58	58	58	57
-48.75°	48	48	49	50	50	50	50	50	50	50	49
-50°	40	41	42	42	42	42	42	42	42	42	42
-51.25°	34	35	36	36	36	36	36	36	36	36	36
-52.5°	29	29	30	30	30	30	30	30	30	30	30
-53.75°	24	25	25	25	26	26	26	26	26	25	25
-55°	20	21	21	21	21	21	21	21	21	21	21
-56.25°	17	17	17	18	18	18	18	18	18	18	17
-57.5°	14	14	14	14	14	14	14	14	14	14	14
-58.75°	12	12	12	12	12	12	12	12	12	12	12
-60°	9	10	10	10	10	10	10	10	10	10	10
-61.25°	8	8	8	8	8	8	8	8	8	8	8
-62.5°	7	7	7	7	7	7	7	7	7	7	7
-63.75°	5	5	6	6	6	6	6	6	6	6	6
-65°	4	4	4	4	4	4	5	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	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°	3	3	3	3	3	3	3	3	3	2	2
65°	4	4	4	4	4	4	4	4	4	3	3
63.75°	5	5	5	5	5	5	5	5	5	4	4
62.5°	7	7	6	6	6	6	6	6	6	6	5
61.25°	8	8	8	8	8	7	7	7	7	7	6
60°	10	9	9	9	9	9	9	8	8	8	8
58.75°	12	12	11	11	11	11	10	10	10	9	9
57.5°	14	14	14	13	13	13	12	12	12	11	11
56.25°	17	17	17	16	16	15	15	14	14	13	13
55°	21	20	20	20	19	19	18	18	17	16	15
53.75°	25	24	24	23	23	22	21	21	20	19	19
52.5°	29	29	28	28	27	27	26	25	24	23	22
51.25°	35	34	34	33	32	31	30	29	28	27	26
50°	41	40	40	39	38	37	36	35	33	32	30
48.75°	48	48	47	46	44	43	42	40	39	37	36
47.5°	56	55	54	53	52	50	49	47	45	43	41
46.25°	66	65	64	62	60	58	56	55	53	50	48
45°	77	76	74	73	71	68	66	63	61	58	55
43.75°	90	89	87	84	82	79	76	74	71	68	64
42.5°	104	102	100	98	95	92	89	85	81	77	74
41.25°	120	118	115	112	108	105	102	98	94	89	85
40°	138	135	132	129	125	121	116	111	107	102	97
38.75°	157	154	151	146	142	137	133	128	122	116	110
37.5°	179	175	171	167	162	156	150	144	138	132	125
36.25°	202	198	193	188	182	177	170	163	156	148	140
35°	227	223	218	212	206	199	191	183	175	167	158



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	255	250	243	236	230	222	214	205	196	186	177
32.5°	284	279	272	265	256	247	237	228	218	208	196
31.25°	315	309	301	293	284	275	264	253	241	229	218
30°	346	340	332	323	314	303	291	280	267	253	239
28.75°	377	370	363	354	343	332	320	306	293	279	264
27.5°	405	399	391	382	372	361	348	334	320	304	288
26.25°	432	425	418	409	399	388	376	362	347	330	313
25°	456	450	443	434	424	413	401	388	373	356	339
23.75°	480	474	466	457	448	437	425	411	397	381	363
22.5°	504	498	490	480	470	459	447	434	419	403	386
21.25°	529	521	512	503	492	480	468	454	440	424	407
20°	553	545	536	525	514	502	489	474	459	444	427
18.75°	577	568	559	548	536	523	508	494	478	462	445
17.5°	602	592	582	570	557	543	529	513	497	480	462
16.25°	627	617	605	592	578	563	548	531	514	497	478
15°	653	642	629	614	599	583	566	550	531	513	494
13.75°	677	666	652	637	620	603	585	566	548	529	508
12.5°	698	687	674	659	641	622	603	583	563	543	523
11.25°	718	706	693	679	661	641	620	599	578	557	536
10°	735	724	711	696	679	659	637	614	592	570	548
8.75°	750	739	726	711	693	674	652	629	605	582	559
7.5°	764	752	739	724	706	687	666	642	617	592	568
6.25°	776	764	750	735	718	698	677	653	627	602	577
5°	785	774	760	744	727	707	686	662	636	610	584
3.75°	790	781	767	751	734	714	693	669	643	616	590
2.5°	792	785	773	757	739	719	698	675	648	621	594
1.25°	792	787	776	760	742	722	701	678	651	624	597
0°	792	788	777	761	743	723	702	679	653	625	598
-1.25°	792	787	776	760	742	722	701	678	651	624	597
-2.5°	792	785	773	757	739	719	698	675	648	621	594
-3.75°	790	781	767	751	734	714	693	669	643	616	590
-5°	785	774	760	744	727	707	686	662	636	610	584
-6.25°	776	764	750	735	718	698	677	653	627	602	577
-7.5°	764	752	739	724	706	687	666	642	617	592	568
-8.75°	750	739	726	711	693	674	652	629	605	582	559
-10°	735	724	711	696	679	659	637	614	592	570	548
-11.25°	718	706	693	679	661	641	620	599	578	557	536
-12.5°	698	687	674	659	641	622	603	583	563	543	523
-13.75°	677	666	652	637	620	603	585	566	548	529	508
-15°	653	642	629	614	599	583	566	550	531	513	494
-16.25°	627	617	605	592	578	563	548	531	514	497	478
-17.5°	602	592	582	570	557	543	529	513	497	480	462
-18.75°	577	568	559	548	536	523	508	494	478	462	445
-20°	553	545	536	525	514	502	489	474	459	444	427
-21.25°	529	521	512	503	492	480	468	454	440	424	407



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	504	498	490	480	470	459	447	434	419	403	386
-23.75°	480	474	466	457	448	437	425	411	397	381	363
-25°	456	450	443	434	424	413	401	388	373	356	339
-26.25°	432	425	418	409	399	388	376	362	347	330	313
-27.5°	405	399	391	382	372	361	348	334	320	304	288
-28.75°	377	370	363	354	343	332	320	306	293	279	264
-30°	346	340	332	323	314	303	291	280	267	253	239
-31.25°	315	309	301	293	284	275	264	253	241	229	218
-32.5°	284	279	272	265	256	247	237	228	218	208	196
-33.75°	255	250	243	236	230	222	214	205	196	186	177
-35°	227	223	218	212	206	199	191	183	175	167	158
-36.25°	202	198	193	188	182	177	170	163	156	148	140
-37.5°	179	175	171	167	162	156	150	144	138	132	125
-38.75°	157	154	151	146	142	137	133	128	122	116	110
-40°	138	135	132	129	125	121	116	111	107	102	97
-41.25°	120	118	115	112	108	105	102	98	94	89	85
-42.5°	104	102	100	98	95	92	89	85	81	77	74
-43.75°	90	89	87	84	82	79	76	74	71	68	64
-45°	77	76	74	73	71	68	66	63	61	58	55
-46.25°	66	65	64	62	60	58	56	55	53	50	48
-47.5°	56	55	54	53	52	50	49	47	45	43	41
-48.75°	48	48	47	46	44	43	42	40	39	37	36
-50°	41	40	40	39	38	37	36	35	33	32	30
-51.25°	35	34	34	33	32	31	30	29	28	27	26
-52.5°	29	29	28	28	27	27	26	25	24	23	22
-53.75°	25	24	24	23	23	22	21	21	20	19	19
-55°	21	20	20	20	19	19	18	18	17	16	15
-56.25°	17	17	17	16	16	15	15	14	14	13	13
-57.5°	14	14	14	13	13	13	12	12	12	11	11
-58.75°	12	12	11	11	11	11	10	10	10	9	9
-60°	10	9	9	9	9	9	9	8	8	8	8
-61.25°	8	8	8	8	8	7	7	7	7	7	6
-62.5°	7	7	6	6	6	6	6	6	6	6	5
-63.75°	5	5	5	5	5	5	5	5	5	4	4
-65°	4	4	4	4	4	4	4	4	4	3	3
-66.25°	3	3	3	3	3	3	3	3	3	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	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°	3	3	3	3	2	2	2	2	2	2	2
63.75°	4	4	4	4	3	3	3	3	2	2	2
62.5°	5	5	5	5	4	4	4	4	3	3	3
61.25°	6	6	6	6	5	5	5	4	4	4	4
60°	7	7	7	7	6	6	6	5	5	5	4
58.75°	9	8	8	8	7	7	7	6	6	6	5
57.5°	10	10	10	9	9	8	8	8	7	7	6
56.25°	13	12	11	11	10	10	9	9	8	8	7
55°	15	14	13	13	12	12	11	10	10	9	9
53.75°	18	17	16	15	14	14	13	12	11	10	10
52.5°	21	20	19	18	17	16	15	14	13	12	11
51.25°	25	24	22	21	20	19	18	17	15	14	13
50°	29	28	26	25	23	22	21	19	18	17	15
48.75°	34	32	30	29	27	26	24	22	21	19	18
47.5°	40	38	36	34	32	30	28	26	24	22	20
46.25°	46	43	41	39	37	34	32	30	28	26	24
45°	53	50	47	45	42	39	37	34	32	29	27
43.75°	60	57	54	51	48	45	42	39	36	33	30
42.5°	70	66	62	58	55	51	48	44	41	38	35
41.25°	80	76	71	67	62	58	54	50	46	42	39
40°	92	87	81	76	71	66	61	56	52	48	44
38.75°	104	98	93	86	80	75	69	64	58	54	50
37.5°	118	111	104	98	91	84	78	72	66	60	55
36.25°	133	125	118	109	102	95	88	80	74	68	61
35°	149	140	132	123	114	106	98	90	82	75	69



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	167	157	146	137	128	118	109	100	92	84	76
32.5°	185	175	164	152	141	131	121	111	102	93	84
31.25°	206	193	181	169	157	144	134	123	112	102	93
30°	226	213	199	185	173	160	146	135	124	112	102
28.75°	248	233	219	204	189	175	161	147	135	123	111
27.5°	272	255	238	222	207	190	176	161	146	134	121
26.25°	295	278	260	241	224	208	190	175	160	144	131
25°	320	300	282	262	242	224	207	189	173	157	141
23.75°	344	324	303	283	262	241	222	204	185	169	152
22.5°	367	347	325	303	282	260	238	219	199	181	164
21.25°	389	369	347	324	300	278	255	233	213	193	175
20°	408	389	367	344	320	295	272	248	226	206	185
18.75°	427	407	386	363	339	313	288	264	239	218	196
17.5°	444	424	403	381	356	330	304	279	253	229	208
16.25°	459	440	419	397	373	347	320	293	267	241	218
15°	474	454	434	411	388	362	334	306	280	253	228
13.75°	489	468	447	425	401	376	348	320	291	264	237
12.5°	502	480	459	437	413	388	361	332	303	275	247
11.25°	514	492	470	448	424	399	372	343	314	284	256
10°	525	503	480	457	434	409	382	354	323	293	265
8.75°	536	512	490	466	443	418	391	363	332	301	272
7.5°	545	521	498	474	450	425	399	370	340	309	279
6.25°	553	529	504	480	456	432	405	377	346	315	284
5°	559	535	510	486	461	437	410	382	352	320	289
3.75°	565	540	515	490	465	440	414	386	356	324	292
2.5°	568	543	518	493	468	443	417	389	359	327	295
1.25°	570	546	520	495	470	445	419	391	361	329	296
0°	571	546	521	496	470	446	419	391	361	329	297
-1.25°	570	546	520	495	470	445	419	391	361	329	296
-2.5°	568	543	518	493	468	443	417	389	359	327	295
-3.75°	565	540	515	490	465	440	414	386	356	324	292
-5°	559	535	510	486	461	437	410	382	352	320	289
-6.25°	553	529	504	480	456	432	405	377	346	315	284
-7.5°	545	521	498	474	450	425	399	370	340	309	279
-8.75°	536	512	490	466	443	418	391	363	332	301	272
-10°	525	503	480	457	434	409	382	354	323	293	265
-11.25°	514	492	470	448	424	399	372	343	314	284	256
-12.5°	502	480	459	437	413	388	361	332	303	275	247
-13.75°	489	468	447	425	401	376	348	320	291	264	237
-15°	474	454	434	411	388	362	334	306	280	253	228
-16.25°	459	440	419	397	373	347	320	293	267	241	218
-17.5°	444	424	403	381	356	330	304	279	253	229	208
-18.75°	427	407	386	363	339	313	288	264	239	218	196
-20°	408	389	367	344	320	295	272	248	226	206	185
-21.25°	389	369	347	324	300	278	255	233	213	193	175



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	367	347	325	303	282	260	238	219	199	181	164
-23.75°	344	324	303	283	262	241	222	204	185	169	152
-25°	320	300	282	262	242	224	207	189	173	157	141
-26.25°	295	278	260	241	224	208	190	175	160	144	131
-27.5°	272	255	238	222	207	190	176	161	146	134	121
-28.75°	248	233	219	204	189	175	161	147	135	123	111
-30°	226	213	199	185	173	160	146	135	124	112	102
-31.25°	206	193	181	169	157	144	134	123	112	102	93
-32.5°	185	175	164	152	141	131	121	111	102	93	84
-33.75°	167	157	146	137	128	118	109	100	92	84	76
-35°	149	140	132	123	114	106	98	90	82	75	69
-36.25°	133	125	118	109	102	95	88	80	74	68	61
-37.5°	118	111	104	98	91	84	78	72	66	60	55
-38.75°	104	98	93	86	80	75	69	64	58	54	50
-40°	92	87	81	76	71	66	61	56	52	48	44
-41.25°	80	76	71	67	62	58	54	50	46	42	39
-42.5°	70	66	62	58	55	51	48	44	41	38	35
-43.75°	60	57	54	51	48	45	42	39	36	33	30
-45°	53	50	47	45	42	39	37	34	32	29	27
-46.25°	46	43	41	39	37	34	32	30	28	26	24
-47.5°	40	38	36	34	32	30	28	26	24	22	20
-48.75°	34	32	30	29	27	26	24	22	21	19	18
-50°	29	28	26	25	23	22	21	19	18	17	15
-51.25°	25	24	22	21	20	19	18	17	15	14	13
-52.5°	21	20	19	18	17	16	15	14	13	12	11
-53.75°	18	17	16	15	14	14	13	12	11	10	10
-55°	15	14	13	13	12	12	11	10	10	9	9
-56.25°	13	12	11	11	10	10	9	9	8	8	7
-57.5°	10	10	10	9	9	8	8	8	7	7	6
-58.75°	9	8	8	8	7	7	7	6	6	6	5
-60°	7	7	7	7	6	6	6	5	5	5	4
-61.25°	6	6	6	6	5	5	5	4	4	4	4
-62.5°	5	5	5	5	4	4	4	4	3	3	3
-63.75°	4	4	4	4	3	3	3	3	2	2	2
-65°	3	3	3	3	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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°	3	3	3	2	2	2	2	2	2	1	1
60°	4	4	3	3	3	2	2	2	2	2	2
58.75°	5	5	4	4	4	3	3	2	2	2	2
57.5°	6	6	5	5	4	4	3	3	3	2	2
56.25°	7	6	6	6	5	5	4	4	3	3	2
55°	8	7	7	6	6	5	5	5	4	4	3
53.75°	9	9	8	7	7	6	6	5	5	4	4
52.5°	11	10	9	8	8	7	7	6	6	5	4
51.25°	12	11	10	10	9	8	7	7	6	6	5
50°	14	13	12	11	10	9	8	8	7	6	6
48.75°	16	15	14	13	12	10	9	9	8	7	6
47.5°	19	17	16	14	13	12	11	10	9	8	7
46.25°	22	20	18	16	15	13	12	11	10	9	8
45°	25	23	21	19	17	15	14	12	11	10	9
43.75°	28	26	23	21	19	17	15	14	12	11	10
42.5°	32	29	27	24	22	20	18	16	14	12	11
41.25°	36	33	30	27	24	22	20	18	15	14	12
40°	40	37	33	30	27	25	22	20	17	15	13
38.75°	45	41	37	34	30	27	24	22	19	17	15
37.5°	50	46	41	38	34	30	27	24	21	19	16
36.25°	56	51	46	41	37	33	30	27	23	21	18
35°	62	56	51	46	41	37	33	29	26	23	20



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	69	62	56	50	45	40	36	32	28	25	22
32.5°	76	69	61	55	50	44	39	35	30	27	24
31.25°	84	75	68	60	54	48	42	38	33	29	26
30°	92	82	74	66	58	52	46	41	36	32	28
28.75°	100	90	80	72	64	56	50	44	39	34	30
27.5°	109	98	88	78	69	61	54	48	42	37	32
26.25°	118	106	95	84	75	66	58	51	45	39	34
25°	128	114	102	91	80	71	62	55	48	42	37
23.75°	137	123	109	98	86	76	67	58	51	45	39
22.5°	146	132	118	104	93	81	71	62	54	47	41
21.25°	157	140	125	111	98	87	76	66	57	50	43
20°	167	149	133	118	104	92	80	70	60	53	46
18.75°	177	158	140	125	110	97	85	74	64	55	48
17.5°	186	167	148	132	116	102	89	77	68	58	50
16.25°	196	175	156	138	122	107	94	81	71	61	53
15°	205	183	163	144	128	111	98	85	74	63	55
13.75°	214	191	170	150	133	116	102	89	76	66	56
12.5°	222	199	177	156	137	121	105	92	79	68	58
11.25°	230	206	182	162	142	125	108	95	82	71	60
10°	236	212	188	167	146	129	112	98	84	73	62
8.75°	243	218	193	171	151	132	115	100	87	74	64
7.5°	250	223	198	175	154	135	118	102	89	76	65
6.25°	255	227	202	179	157	138	120	104	90	77	66
5°	259	231	206	181	160	140	122	106	92	78	67
3.75°	263	234	208	184	162	141	124	107	93	79	68
2.5°	265	236	210	185	164	142	125	108	94	80	69
1.25°	267	237	211	186	164	143	126	108	94	80	69
0°	267	237	212	186	165	143	126	108	94	80	69
-1.25°	267	237	211	186	164	143	126	108	94	80	69
-2.5°	265	236	210	185	164	142	125	108	94	80	69
-3.75°	263	234	208	184	162	141	124	107	93	79	68
-5°	259	231	206	181	160	140	122	106	92	78	67
-6.25°	255	227	202	179	157	138	120	104	90	77	66
-7.5°	250	223	198	175	154	135	118	102	89	76	65
-8.75°	243	218	193	171	151	132	115	100	87	74	64
-10°	236	212	188	167	146	129	112	98	84	73	62
-11.25°	230	206	182	162	142	125	108	95	82	71	60
-12.5°	222	199	177	156	137	121	105	92	79	68	58
-13.75°	214	191	170	150	133	116	102	89	76	66	56
-15°	205	183	163	144	128	111	98	85	74	63	55
-16.25°	196	175	156	138	122	107	94	81	71	61	53
-17.5°	186	167	148	132	116	102	89	77	68	58	50
-18.75°	177	158	140	125	110	97	85	74	64	55	48
-20°	167	149	133	118	104	92	80	70	60	53	46
-21.25°	157	140	125	111	98	87	76	66	57	50	43



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	146	132	118	104	93	81	71	62	54	47	41
-23.75°	137	123	109	98	86	76	67	58	51	45	39
-25°	128	114	102	91	80	71	62	55	48	42	37
-26.25°	118	106	95	84	75	66	58	51	45	39	34
-27.5°	109	98	88	78	69	61	54	48	42	37	32
-28.75°	100	90	80	72	64	56	50	44	39	34	30
-30°	92	82	74	66	58	52	46	41	36	32	28
-31.25°	84	75	68	60	54	48	42	38	33	29	26
-32.5°	76	69	61	55	50	44	39	35	30	27	24
-33.75°	69	62	56	50	45	40	36	32	28	25	22
-35°	62	56	51	46	41	37	33	29	26	23	20
-36.25°	56	51	46	41	37	33	30	27	23	21	18
-37.5°	50	46	41	38	34	30	27	24	21	19	16
-38.75°	45	41	37	34	30	27	24	22	19	17	15
-40°	40	37	33	30	27	25	22	20	17	15	13
-41.25°	36	33	30	27	24	22	20	18	15	14	12
-42.5°	32	29	27	24	22	20	18	16	14	12	11
-43.75°	28	26	23	21	19	17	15	14	12	11	10
-45°	25	23	21	19	17	15	14	12	11	10	9
-46.25°	22	20	18	16	15	13	12	11	10	9	8
-47.5°	19	17	16	14	13	12	11	10	9	8	7
-48.75°	16	15	14	13	12	10	9	9	8	7	6
-50°	14	13	12	11	10	9	8	8	7	6	6
-51.25°	12	11	10	10	9	8	7	7	6	6	5
-52.5°	11	10	9	8	8	7	7	6	6	5	4
-53.75°	9	9	8	7	7	6	6	5	5	4	4
-55°	8	7	7	6	6	5	5	5	4	4	3
-56.25°	7	6	6	6	5	5	4	4	3	3	2
-57.5°	6	6	5	5	4	4	3	3	3	2	2
-58.75°	5	5	4	4	4	3	3	2	2	2	2
-60°	4	4	3	3	3	2	2	2	2	2	2
-61.25°	3	3	3	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	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°	3	2	2	2	2	1	1	1	1	1	1
53.75°	3	3	2	2	2	2	1	1	1	1	1
52.5°	4	3	3	2	2	2	2	1	1	1	1
51.25°	5	4	3	3	2	2	2	2	1	1	1
50°	5	5	4	3	3	2	2	2	2	1	1
48.75°	6	5	5	4	3	3	2	2	2	2	1
47.5°	6	6	5	5	4	3	3	2	2	2	1
46.25°	7	6	6	5	4	4	3	2	2	2	2
45°	8	7	6	6	5	4	4	3	2	2	2
43.75°	9	8	7	6	6	5	4	3	3	2	2
42.5°	10	9	8	7	6	5	5	4	3	2	2
41.25°	11	9	8	7	7	6	5	4	3	3	2
40°	12	10	9	8	7	6	5	5	4	3	2
38.75°	13	12	10	9	8	7	6	5	4	4	3
37.5°	14	13	11	10	8	7	6	6	5	4	3
36.25°	16	14	12	10	9	8	7	6	5	4	3
35°	17	15	13	11	10	9	7	6	6	5	4



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	36	30	26	22	19	16	13	11	10	8	7
-23.75°	34	29	25	21	18	15	13	11	9	8	7
-25°	32	27	23	20	17	14	12	10	9	7	6
-26.25°	30	26	22	19	16	14	12	10	8	7	6
-27.5°	28	24	21	18	15	13	11	9	8	7	6
-28.75°	26	22	19	17	14	12	10	9	8	6	5
-30°	24	21	18	15	13	11	10	8	7	6	5
-31.25°	22	19	17	14	12	10	9	8	7	6	5
-32.5°	20	18	15	13	11	10	9	7	6	5	4
-33.75°	19	16	14	12	11	9	8	7	6	5	4
-35°	17	15	13	11	10	9	7	6	6	5	4
-36.25°	16	14	12	10	9	8	7	6	5	4	3
-37.5°	14	13	11	10	8	7	6	6	5	4	3
-38.75°	13	12	10	9	8	7	6	5	4	4	3
-40°	12	10	9	8	7	6	5	5	4	3	2
-41.25°	11	9	8	7	7	6	5	4	3	3	2
-42.5°	10	9	8	7	6	5	5	4	3	2	2
-43.75°	9	8	7	6	6	5	4	3	3	2	2
-45°	8	7	6	6	5	4	4	3	2	2	2
-46.25°	7	6	6	5	4	4	3	2	2	2	2
-47.5°	6	6	5	5	4	3	3	2	2	2	1
-48.75°	6	5	5	4	3	3	2	2	2	2	1
-50°	5	5	4	3	3	2	2	2	2	1	1
-51.25°	5	4	3	3	2	2	2	2	1	1	1
-52.5°	4	3	3	2	2	2	2	1	1	1	1
-53.75°	3	3	2	2	2	2	1	1	1	1	1
-55°	3	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	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°	3	2	2	1	1	1	1	0	0	0	0
35°	3	2	2	2	1	1	1	0	0	0	0



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	2	2	2	1	1	1	0	0	0	0
32.5°	4	3	2	2	1	1	1	1	0	0	0
31.25°	4	3	2	2	2	1	1	1	0	0	0
30°	4	3	2	2	2	1	1	1	0	0	0
28.75°	4	4	3	2	2	1	1	1	0	0	0
27.5°	5	4	3	2	2	1	1	1	1	0	0
26.25°	5	4	3	2	2	2	1	1	1	0	0
25°	5	4	3	2	2	2	1	1	1	0	0
23.75°	6	5	4	3	2	2	1	1	1	0	0
22.5°	6	5	4	3	2	2	1	1	1	0	0
21.25°	6	5	4	3	2	2	1	1	1	0	0
20°	6	5	4	3	2	2	1	1	1	0	0
18.75°	6	5	4	3	2	2	2	1	1	0	0
17.5°	7	6	4	3	2	2	2	1	1	1	0
16.25°	7	6	5	4	3	2	2	1	1	1	0
15°	7	6	5	4	3	2	2	1	1	1	0
13.75°	7	6	5	4	3	2	2	1	1	1	0
12.5°	7	6	5	4	3	2	2	1	1	1	0
11.25°	8	6	5	4	3	2	2	1	1	1	0
10°	8	6	5	4	3	2	2	1	1	1	0
8.75°	8	6	5	4	3	2	2	1	1	1	0
7.5°	8	7	5	4	3	2	2	1	1	1	0
6.25°	8	7	5	4	3	2	2	1	1	1	0
5°	8	7	6	4	3	2	2	1	1	1	0
3.75°	8	7	6	4	3	2	2	1	1	1	0
2.5°	8	7	6	4	3	2	2	1	1	1	0
1.25°	8	7	6	4	3	2	2	1	1	1	0
0°	8	7	6	5	3	2	2	2	1	1	0
-1.25°	8	7	6	4	3	2	2	1	1	1	0
-2.5°	8	7	6	4	3	2	2	1	1	1	0
-3.75°	8	7	6	4	3	2	2	1	1	1	0
-5°	8	7	6	4	3	2	2	1	1	1	0
-6.25°	8	7	5	4	3	2	2	1	1	1	0
-7.5°	8	7	5	4	3	2	2	1	1	1	0
-8.75°	8	6	5	4	3	2	2	1	1	1	0
-10°	8	6	5	4	3	2	2	1	1	1	0
-11.25°	8	6	5	4	3	2	2	1	1	1	0
-12.5°	7	6	5	4	3	2	2	1	1	1	0
-13.75°	7	6	5	4	3	2	2	1	1	1	0
-15°	7	6	5	4	3	2	2	1	1	1	0
-16.25°	7	6	5	4	3	2	2	1	1	1	0
-17.5°	7	6	4	3	2	2	2	1	1	1	0
-18.75°	6	5	4	3	2	2	2	1	1	0	0
-20°	6	5	4	3	2	2	1	1	1	0	0
-21.25°	6	5	4	3	2	2	1	1	1	0	0



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	6	5	4	3	2	2	1	1	1	0	0
-23.75°	6	5	4	3	2	2	1	1	1	0	0
-25°	5	4	3	2	2	2	1	1	1	0	0
-26.25°	5	4	3	2	2	2	1	1	1	0	0
-27.5°	5	4	3	2	2	1	1	1	1	0	0
-28.75°	4	4	3	2	2	1	1	1	0	0	0
-30°	4	3	2	2	2	1	1	1	0	0	0
-31.25°	4	3	2	2	2	1	1	1	0	0	0
-32.5°	4	3	2	2	1	1	1	1	0	0	0
-33.75°	3	2	2	2	1	1	1	0	0	0	0
-35°	3	2	2	2	1	1	1	0	0	0	0
-36.25°	3	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220425 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)