

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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

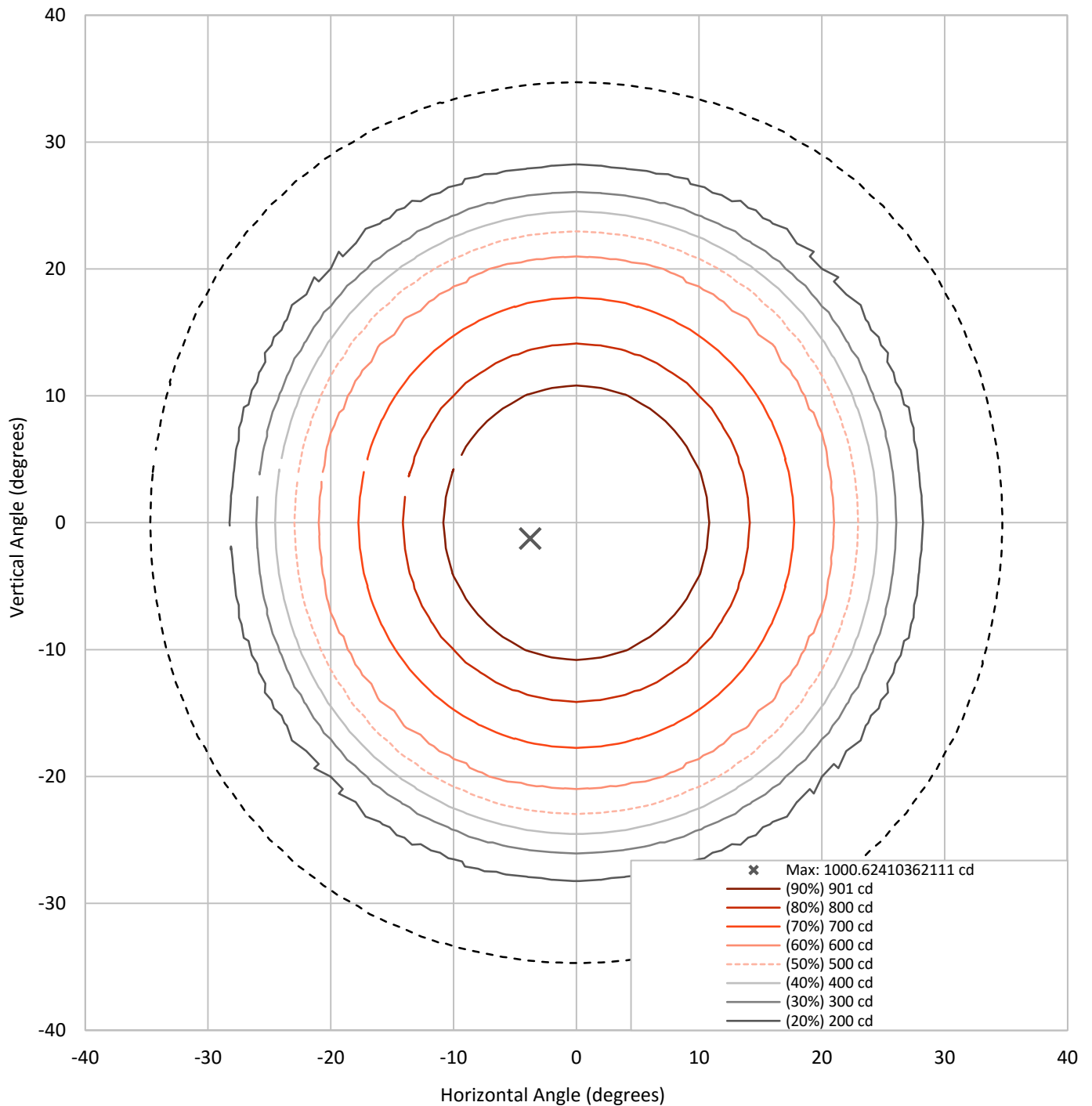
Test Method: LM-79-08
Report Number: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED 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:	4H x 4V
Luminaire Lumens:	559.5 lumens	Max Intensity:	1000.6 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	57.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46°H x 45.5°V	Field Angle (10%):	69.2°H x 69°V
Beam Lumens:	378.2 lumens	Field Lumens:	512.7 lumens
Beam Efficiency:	67.6%	Field Efficiency:	91.6%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

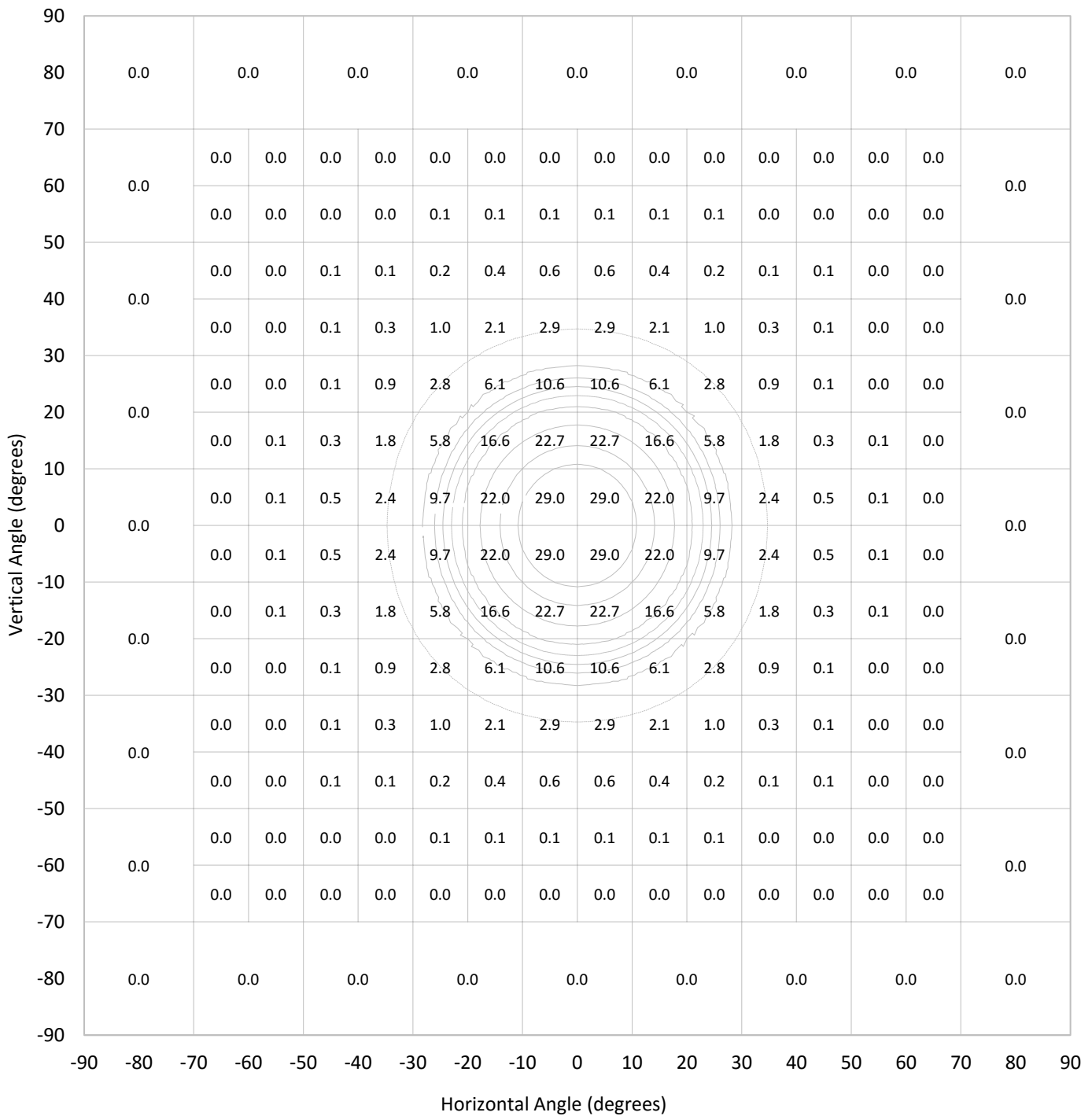
Iso-Candela Plot





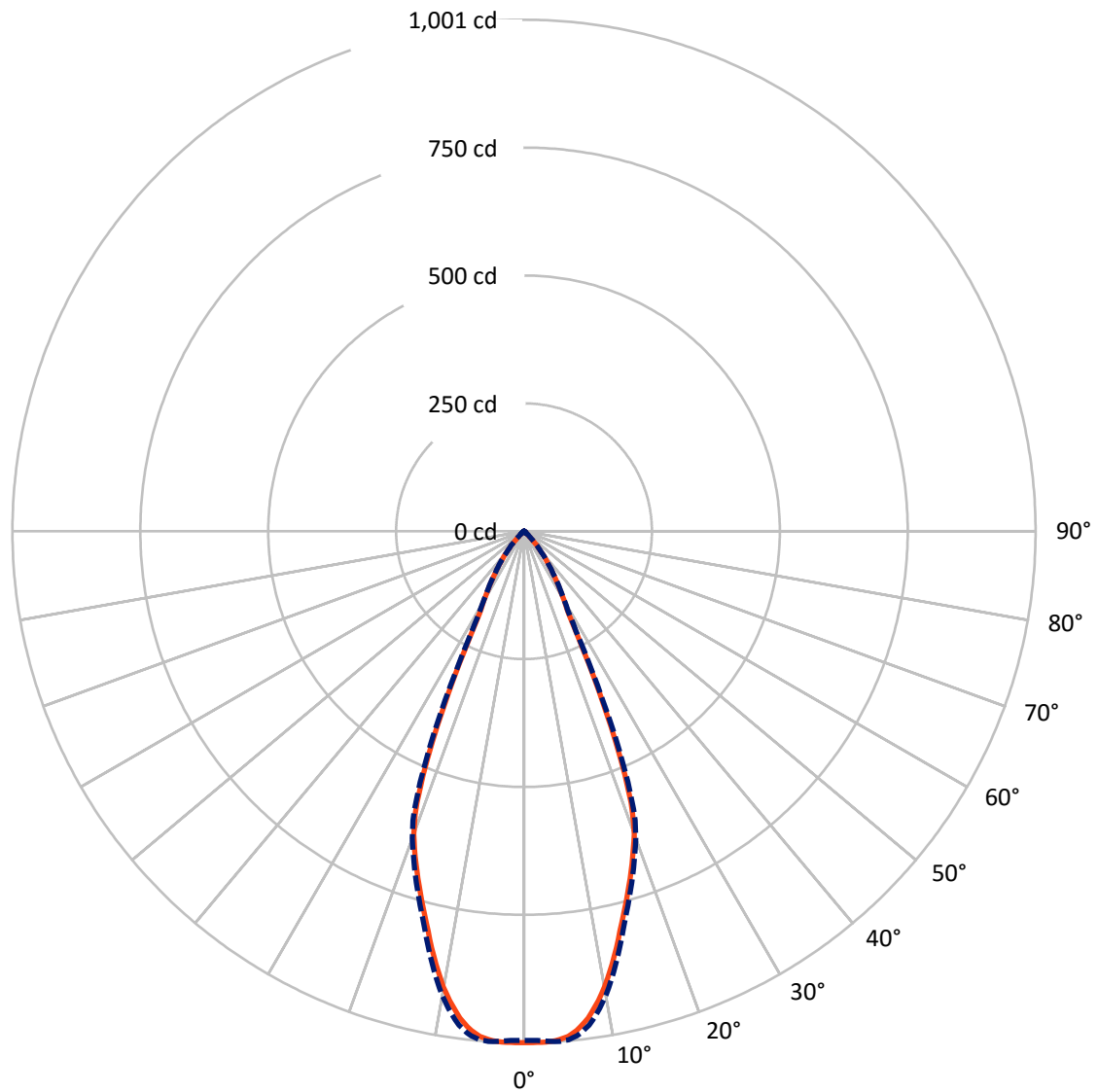
REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

Lumen Table



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

Luminous Intensity Polar Plot



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

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

Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 378.2
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 512.7
 Efficiency: 91.6%

Spill:
 Lumens: 46.8
 Efficiency: 8.4%

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



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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	1
36.25°	0	0	0	0	0	0	0	0	0	0	1
35°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	0	0	0	1	1
32.5°	0	0	0	0	0	0	0	0	0	1	1
31.25°	0	0	0	0	0	0	0	0	0	1	1
30°	0	0	0	0	0	0	0	0	1	1	1
28.75°	0	0	0	0	0	0	0	0	1	1	1
27.5°	0	0	0	0	0	0	0	0	1	1	1
26.25°	0	0	0	0	0	0	0	0	1	1	1
25°	0	0	0	0	0	0	0	0	1	1	1
23.75°	0	0	0	0	0	0	0	1	1	1	1
22.5°	0	0	0	0	0	0	0	1	1	1	1
21.25°	0	0	0	0	0	0	0	1	1	1	1
20°	0	0	0	0	0	0	0	1	1	1	1
18.75°	0	0	0	0	0	0	0	1	1	1	1
17.5°	0	0	0	0	0	0	0	1	1	1	1
16.25°	0	0	0	0	0	0	1	1	1	1	1
15°	0	0	0	0	0	0	1	1	1	1	1
13.75°	0	0	0	0	0	0	1	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	0	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	1	1	1	1	1
-15°	0	0	0	0	0	0	1	1	1	1	1
-16.25°	0	0	0	0	0	0	1	1	1	1	1
-17.5°	0	0	0	0	0	0	0	1	1	1	1
-18.75°	0	0	0	0	0	0	0	1	1	1	1
-20°	0	0	0	0	0	0	0	1	1	1	1
-21.25°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	0	0	0	1	1	1	1
-23.75°	0	0	0	0	0	0	0	1	1	1	1
-25°	0	0	0	0	0	0	0	0	1	1	1
-26.25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-28.75°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	1	1	1
-31.25°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-33.75°	0	0	0	0	0	0	0	0	0	1	1
-35°	0	0	0	0	0	0	0	0	0	0	1
-36.25°	0	0	0	0	0	0	0	0	0	0	1
-37.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
53.75°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	1
46.25°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	1	1	1	1	1	1	1	1	2
43.75°	0	1	1	1	1	1	1	1	1	2	2
42.5°	0	1	1	1	1	1	1	1	1	2	2
41.25°	1	1	1	1	1	1	1	1	2	2	2
40°	1	1	1	1	1	1	1	2	2	2	2
38.75°	1	1	1	1	1	1	1	2	2	2	3
37.5°	1	1	1	1	1	1	2	2	2	2	3
36.25°	1	1	1	1	1	1	2	2	2	3	3
35°	1	1	1	1	1	2	2	2	2	3	3



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	2	2	2	3	3	3
32.5°	1	1	1	1	2	2	2	2	3	3	3
31.25°	1	1	1	1	2	2	2	3	3	3	3
30°	1	1	1	1	2	2	2	3	3	3	3
28.75°	1	1	1	2	2	2	3	3	3	3	3
27.5°	1	1	1	2	2	2	3	3	3	3	3
26.25°	1	1	1	2	2	2	3	3	3	3	3
25°	1	1	2	2	2	3	3	3	3	3	3
23.75°	1	1	2	2	2	3	3	3	3	3	3
22.5°	1	1	2	2	2	3	3	3	3	3	4
21.25°	1	1	2	2	3	3	3	3	3	3	4
20°	1	1	2	2	3	3	3	3	3	3	4
18.75°	1	2	2	2	3	3	3	3	3	4	4
17.5°	1	2	2	2	3	3	3	3	3	4	4
16.25°	1	2	2	2	3	3	3	3	3	4	4
15°	1	2	2	3	3	3	3	3	3	4	4
13.75°	1	2	2	3	3	3	3	3	4	4	4
12.5°	1	2	2	3	3	3	3	3	4	4	4
11.25°	2	2	2	3	3	3	3	3	4	4	4
10°	2	2	2	3	3	3	3	3	4	4	5
8.75°	2	2	2	3	3	3	3	3	4	4	5
7.5°	2	2	2	3	3	3	3	3	4	4	5
6.25°	2	2	2	3	3	3	3	3	4	4	5
5°	2	2	2	3	3	3	3	3	4	4	5
3.75°	2	2	2	3	3	3	3	3	4	4	5
2.5°	2	2	2	3	3	3	3	3	4	4	5
1.25°	2	2	2	3	3	3	3	3	4	4	5
0°	2	2	3	3	3	3	3	4	4	4	5
-1.25°	2	2	2	3	3	3	3	3	4	4	5
-2.5°	2	2	2	3	3	3	3	3	4	4	5
-3.75°	2	2	2	3	3	3	3	3	4	4	5
-5°	2	2	2	3	3	3	3	3	4	4	5
-6.25°	2	2	2	3	3	3	3	3	4	4	5
-7.5°	2	2	2	3	3	3	3	3	4	4	5
-8.75°	2	2	2	3	3	3	3	3	4	4	5
-10°	2	2	2	3	3	3	3	3	4	4	5
-11.25°	2	2	2	3	3	3	3	3	4	4	4
-12.5°	1	2	2	3	3	3	3	3	4	4	4
-13.75°	1	2	2	3	3	3	3	3	4	4	4
-15°	1	2	2	3	3	3	3	3	3	4	4
-16.25°	1	2	2	2	3	3	3	3	3	4	4
-17.5°	1	2	2	2	3	3	3	3	3	4	4
-18.75°	1	2	2	2	3	3	3	3	3	4	4
-20°	1	1	2	2	3	3	3	3	3	3	4
-21.25°	1	1	2	2	3	3	3	3	3	3	4



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1	1	2	2	2	3	3	3	3	3	4
-23.75°	1	1	2	2	2	3	3	3	3	3	3
-25°	1	1	2	2	2	3	3	3	3	3	3
-26.25°	1	1	1	2	2	2	3	3	3	3	3
-27.5°	1	1	1	2	2	2	3	3	3	3	3
-28.75°	1	1	1	2	2	2	3	3	3	3	3
-30°	1	1	1	1	2	2	2	3	3	3	3
-31.25°	1	1	1	1	2	2	2	3	3	3	3
-32.5°	1	1	1	1	2	2	2	2	3	3	3
-33.75°	1	1	1	1	1	2	2	2	3	3	3
-35°	1	1	1	1	1	2	2	2	2	3	3
-36.25°	1	1	1	1	1	1	2	2	2	3	3
-37.5°	1	1	1	1	1	1	2	2	2	2	3
-38.75°	1	1	1	1	1	1	1	2	2	2	3
-40°	1	1	1	1	1	1	1	2	2	2	2
-41.25°	1	1	1	1	1	1	1	1	2	2	2
-42.5°	0	1	1	1	1	1	1	1	1	2	2
-43.75°	0	1	1	1	1	1	1	1	1	2	2
-45°	0	0	1	1	1	1	1	1	1	1	2
-46.25°	0	0	0	1	1	1	1	1	1	1	1
-47.5°	0	0	0	1	1	1	1	1	1	1	1
-48.75°	0	0	0	0	1	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	0	1	1	1
-56.25°	0	0	0	0	0	0	0	0	0	1	1
-57.5°	0	0	0	0	0	0	0	0	0	0	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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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	1	1
62.5°	0	0	0	0	0	0	1	1	1	1	1
61.25°	0	0	0	0	1	1	1	1	1	1	1
60°	0	0	0	1	1	1	1	1	1	1	1
58.75°	0	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	2	2
53.75°	1	1	1	1	1	1	1	2	2	2	2
52.5°	1	1	1	1	1	1	2	2	2	2	2
51.25°	1	1	1	1	2	2	2	2	2	2	3
50°	1	1	1	2	2	2	2	2	3	3	3
48.75°	1	1	2	2	2	2	2	3	3	3	3
47.5°	1	2	2	2	2	2	3	3	3	3	3
46.25°	2	2	2	2	2	3	3	3	3	3	3
45°	2	2	2	3	3	3	3	3	3	3	3
43.75°	2	2	2	3	3	3	3	3	3	3	3
42.5°	2	2	3	3	3	3	3	3	3	3	4
41.25°	2	3	3	3	3	3	3	3	3	4	4
40°	3	3	3	3	3	3	3	3	4	4	4
38.75°	3	3	3	3	3	3	3	4	4	4	4
37.5°	3	3	3	3	3	3	4	4	4	4	5
36.25°	3	3	3	3	3	4	4	4	4	5	6
35°	3	3	3	3	4	4	4	4	5	6	6



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	3	3	3	3	4	4	4	5	5	6	7
32.5°	3	3	3	4	4	4	5	5	6	7	9
31.25°	3	3	3	4	4	4	5	6	7	9	12
30°	3	3	4	4	4	5	6	7	8	11	15
28.75°	3	4	4	4	5	5	6	7	10	14	17
27.5°	3	4	4	4	5	6	7	9	13	16	22
26.25°	4	4	4	5	5	7	8	11	15	20	26
25°	4	4	4	5	6	7	10	13	17	24	30
23.75°	4	4	5	5	7	8	12	15	21	27	34
22.5°	4	4	5	6	7	9	13	18	24	31	38
21.25°	4	4	5	6	8	11	15	21	28	35	42
20°	4	5	6	7	9	13	17	24	31	38	46
18.75°	4	5	6	7	10	14	20	27	34	42	49
17.5°	4	5	6	8	12	16	22	30	37	45	53
16.25°	5	5	7	9	13	18	25	32	40	48	57
15°	5	6	7	10	14	20	27	35	43	51	61
13.75°	5	6	7	11	16	22	30	37	46	54	64
12.5°	5	6	8	12	17	24	32	40	48	57	67
11.25°	5	7	9	13	18	26	34	42	50	60	70
10°	5	7	9	14	19	27	35	44	52	62	73
8.75°	6	7	10	15	21	29	37	45	54	65	75
7.5°	6	7	11	15	22	30	38	47	56	67	78
6.25°	6	7	11	16	23	31	39	48	58	68	79
5°	6	8	12	16	24	32	40	49	59	70	81
3.75°	6	8	12	17	25	33	41	50	60	71	82
2.5°	6	8	12	17	25	33	42	50	61	71	83
1.25°	6	8	12	17	25	33	42	51	61	72	84
0°	6	8	13	17	25	34	42	51	61	72	84
-1.25°	6	8	12	17	25	33	42	50	61	71	83
-2.5°	6	8	12	17	25	33	42	50	61	71	83
-3.75°	6	8	12	17	25	33	41	50	60	71	82
-5°	6	8	12	16	24	32	40	49	59	70	81
-6.25°	6	7	11	16	23	31	39	48	58	68	79
-7.5°	6	7	11	15	22	30	38	47	56	67	78
-8.75°	6	7	10	15	21	29	37	45	54	65	75
-10°	5	7	9	14	19	27	35	44	52	62	73
-11.25°	5	7	9	13	18	26	34	42	50	60	70
-12.5°	5	6	8	12	17	24	32	40	48	57	67
-13.75°	5	6	7	11	16	22	30	37	46	54	64
-15°	5	6	7	10	14	20	27	35	43	51	61
-16.25°	5	5	7	9	13	18	25	32	40	48	57
-17.5°	4	5	6	8	12	16	22	30	37	45	53
-18.75°	4	5	6	7	10	14	20	27	34	42	49
-20°	4	5	6	7	9	13	17	24	31	38	46
-21.25°	4	4	5	6	8	11	15	21	28	35	42



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	4	4	5	6	7	9	13	18	24	31	38
-23.75°	4	4	5	5	7	8	12	15	21	27	34
-25°	4	4	4	5	6	7	10	13	17	24	30
-26.25°	4	4	4	5	5	7	8	11	15	20	26
-27.5°	3	4	4	4	5	6	7	9	13	16	22
-28.75°	3	4	4	4	5	5	6	7	10	14	17
-30°	3	3	4	4	4	5	6	7	8	11	15
-31.25°	3	3	3	4	4	4	5	6	7	9	12
-32.5°	3	3	3	4	4	4	5	5	6	7	9
-33.75°	3	3	3	3	4	4	4	5	5	6	7
-35°	3	3	3	3	4	4	4	4	5	6	6
-36.25°	3	3	3	3	3	4	4	4	4	5	6
-37.5°	3	3	3	3	3	3	4	4	4	4	5
-38.75°	3	3	3	3	3	3	3	4	4	4	4
-40°	3	3	3	3	3	3	3	3	4	4	4
-41.25°	2	3	3	3	3	3	3	3	3	4	4
-42.5°	2	2	3	3	3	3	3	3	3	3	4
-43.75°	2	2	2	3	3	3	3	3	3	3	3
-45°	2	2	2	3	3	3	3	3	3	3	3
-46.25°	2	2	2	2	2	3	3	3	3	3	3
-47.5°	1	2	2	2	2	2	3	3	3	3	3
-48.75°	1	1	2	2	2	2	2	3	3	3	3
-50°	1	1	1	2	2	2	2	2	3	3	3
-51.25°	1	1	1	1	2	2	2	2	2	2	3
-52.5°	1	1	1	1	1	1	2	2	2	2	2
-53.75°	1	1	1	1	1	1	1	2	2	2	2
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	0	1	1	1	1	1	1	1	1	1	1
-60°	0	0	0	1	1	1	1	1	1	1	1
-61.25°	0	0	0	0	1	1	1	1	1	1	1
-62.5°	0	0	0	0	0	0	1	1	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	1	1
-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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	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	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	3	3	3
55°	2	2	2	2	2	3	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	3	3
52.5°	2	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	4
48.75°	3	3	3	3	3	3	3	4	4	4	4
47.5°	3	3	3	3	3	4	4	4	4	4	4
46.25°	3	3	3	3	4	4	4	4	4	5	5
45°	3	3	4	4	4	4	4	5	5	5	6
43.75°	4	4	4	4	4	5	5	5	6	7	7
42.5°	4	4	4	4	5	5	6	7	7	8	9
41.25°	4	4	5	5	6	6	7	8	10	12	13
40°	4	5	5	6	7	7	9	11	13	15	18
38.75°	5	5	6	7	8	10	13	15	17	21	24
37.5°	6	6	7	9	11	14	16	20	24	27	31
36.25°	6	7	9	12	15	17	22	26	30	34	38
35°	7	9	12	15	18	23	28	32	37	41	45



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	9	12	15	19	24	29	34	38	43	48	52
32.5°	12	15	19	25	30	35	40	45	50	55	61
31.25°	15	19	25	30	35	41	46	51	57	63	69
30°	18	24	30	35	41	47	52	59	65	71	78
28.75°	23	29	35	41	47	53	60	66	73	80	87
27.5°	28	34	40	46	52	60	67	74	82	89	96
26.25°	32	38	45	51	59	66	74	82	90	98	107
25°	37	43	50	57	65	73	82	90	98	108	118
23.75°	41	48	55	63	71	80	89	98	108	119	129
22.5°	45	52	61	69	78	87	96	107	118	129	141
21.25°	49	58	66	75	84	94	105	116	127	140	152
20°	54	62	71	81	91	101	113	125	138	150	163
18.75°	58	67	77	87	97	109	121	134	148	161	176
17.5°	62	72	82	92	104	116	129	143	157	172	195
16.25°	66	76	87	98	111	123	138	152	167	187	222
15°	70	81	91	104	117	131	145	160	177	206	254
13.75°	74	85	96	109	123	138	153	169	192	233	291
12.5°	78	89	101	115	129	144	160	178	210	263	329
11.25°	81	92	105	119	134	150	167	190	232	294	365
10°	84	95	110	124	140	156	173	202	255	324	400
8.75°	87	99	113	128	144	160	181	219	279	353	432
7.5°	89	102	116	132	148	165	189	234	300	378	459
6.25°	91	105	119	135	152	169	196	248	320	401	482
5°	93	107	122	138	154	173	204	262	337	419	501
3.75°	94	108	123	140	157	176	212	273	350	434	515
2.5°	95	110	125	141	158	179	217	281	359	445	525
1.25°	96	110	125	142	159	181	221	286	365	451	531
0°	96	111	126	143	160	181	222	287	367	453	534
-1.25°	96	110	125	142	159	181	221	286	365	451	531
-2.5°	95	110	125	141	158	179	217	281	359	445	525
-3.75°	94	108	123	140	157	176	212	273	350	434	515
-5°	93	107	122	138	154	173	204	262	337	419	501
-6.25°	91	105	119	135	152	169	196	248	320	401	482
-7.5°	89	102	116	132	148	165	189	234	300	378	459
-8.75°	87	99	113	128	144	160	181	219	279	353	432
-10°	84	95	110	124	140	156	173	202	255	324	400
-11.25°	81	92	105	119	134	150	167	190	232	294	365
-12.5°	78	89	101	115	129	144	160	178	210	263	329
-13.75°	74	85	96	109	123	138	153	169	192	233	291
-15°	70	81	91	104	117	131	145	160	177	206	254
-16.25°	66	76	87	98	111	123	138	152	167	187	222
-17.5°	62	72	82	92	104	116	129	143	157	172	195
-18.75°	58	67	77	87	97	109	121	134	148	161	176
-20°	54	62	71	81	91	101	113	125	138	150	163
-21.25°	49	58	66	75	84	94	105	116	127	140	152



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	45	52	61	69	78	87	96	107	118	129	141
-23.75°	41	48	55	63	71	80	89	98	108	119	129
-25°	37	43	50	57	65	73	82	90	98	108	118
-26.25°	32	38	45	51	59	66	74	82	90	98	107
-27.5°	28	34	40	46	52	60	67	74	82	89	96
-28.75°	23	29	35	41	47	53	60	66	73	80	87
-30°	18	24	30	35	41	47	52	59	65	71	78
-31.25°	15	19	25	30	35	41	46	51	57	63	69
-32.5°	12	15	19	25	30	35	40	45	50	55	61
-33.75°	9	12	15	19	24	29	34	38	43	48	52
-35°	7	9	12	15	18	23	28	32	37	41	45
-36.25°	6	7	9	12	15	17	22	26	30	34	38
-37.5°	6	6	7	9	11	14	16	20	24	27	31
-38.75°	5	5	6	7	8	10	13	15	17	21	24
-40°	4	5	5	6	7	7	9	11	13	15	18
-41.25°	4	4	5	5	6	6	7	8	10	12	13
-42.5°	4	4	4	4	5	5	6	7	7	8	9
-43.75°	4	4	4	4	4	5	5	5	6	7	7
-45°	3	3	4	4	4	4	4	5	5	5	6
-46.25°	3	3	3	3	4	4	4	4	4	5	5
-47.5°	3	3	3	3	3	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	3	4	4	4	4
-50°	3	3	3	3	3	3	3	3	3	3	4
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	2	3	3	3	3	3	3	3	3	3	3
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	2	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	3	3	3
-57.5°	1	1	2	2	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	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	0	0	0	1	1
-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	2	2	2
61.25°	1	1	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	4	4	4	4	4
51.25°	3	3	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	5	5
48.75°	4	4	4	4	5	5	5	5	5	5	6
47.5°	4	5	5	5	5	6	6	6	7	7	7
46.25°	5	6	6	6	7	7	7	8	9	9	10
45°	6	7	7	8	9	10	11	12	13	14	15
43.75°	8	9	10	12	13	14	16	17	18	19	21
42.5°	11	13	14	16	18	20	22	24	26	27	29
41.25°	15	17	20	22	25	27	30	32	34	35	37
40°	21	24	27	30	32	35	37	40	42	44	45
38.75°	28	31	34	37	40	43	46	48	50	52	54
37.5°	35	38	42	45	48	51	54	57	60	62	65
36.25°	42	46	49	53	57	61	64	67	70	73	75
35°	49	54	58	62	66	70	74	78	81	84	87



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	58	62	67	72	76	81	85	89	92	95	99
32.5°	66	71	77	82	87	91	96	101	105	110	113
31.25°	75	81	87	92	98	104	109	115	119	124	128
30°	84	91	97	104	111	117	123	129	134	140	144
28.75°	94	101	109	116	123	131	138	144	150	156	160
27.5°	105	113	121	129	138	145	153	160	167	173	181
26.25°	116	125	134	143	152	160	169	178	190	202	219
25°	127	138	148	157	167	177	192	210	232	255	279
23.75°	140	150	161	172	187	206	233	263	294	324	353
22.5°	152	163	176	195	222	254	291	329	365	400	432
21.25°	164	179	199	232	272	314	358	401	441	477	509
20°	179	200	237	282	331	380	428	473	513	548	575
18.75°	199	237	286	339	393	447	496	539	575	603	622
17.5°	232	282	339	398	456	509	557	593	619	638	653
16.25°	272	331	393	456	514	565	603	629	649	667	683
15°	314	380	447	509	565	607	633	655	676	695	712
13.75°	358	428	496	557	603	633	658	680	702	722	741
12.5°	401	473	539	593	629	655	680	704	727	749	769
11.25°	441	513	575	619	649	676	702	727	752	774	797
10°	477	548	603	638	667	695	722	749	774	800	827
8.75°	509	575	622	653	683	712	741	769	797	827	856
7.5°	535	597	636	667	698	728	758	788	820	852	882
6.25°	557	613	648	679	710	742	772	805	841	874	904
5°	573	623	657	689	721	754	786	821	858	892	922
3.75°	585	630	664	697	730	763	796	834	872	906	936
2.5°	593	636	669	703	736	769	804	844	882	916	945
1.25°	598	639	673	706	740	773	810	850	888	922	951
0°	599	640	674	707	741	775	812	852	890	924	953
-1.25°	598	639	673	706	740	773	810	850	888	922	951
-2.5°	593	636	669	703	736	769	804	844	882	916	945
-3.75°	585	630	664	697	730	763	796	834	872	906	936
-5°	573	623	657	689	721	754	786	821	858	892	922
-6.25°	557	613	648	679	710	742	772	805	841	874	904
-7.5°	535	597	636	667	698	728	758	788	820	852	882
-8.75°	509	575	622	653	683	712	741	769	797	827	856
-10°	477	548	603	638	667	695	722	749	774	800	827
-11.25°	441	513	575	619	649	676	702	727	752	774	797
-12.5°	401	473	539	593	629	655	680	704	727	749	769
-13.75°	358	428	496	557	603	633	658	680	702	722	741
-15°	314	380	447	509	565	607	633	655	676	695	712
-16.25°	272	331	393	456	514	565	603	629	649	667	683
-17.5°	232	282	339	398	456	509	557	593	619	638	653
-18.75°	199	237	286	339	393	447	496	539	575	603	622
-20°	179	200	237	282	331	380	428	473	513	548	575
-21.25°	164	179	199	232	272	314	358	401	441	477	509



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	152	163	176	195	222	254	291	329	365	400	432
-23.75°	140	150	161	172	187	206	233	263	294	324	353
-25°	127	138	148	157	167	177	192	210	232	255	279
-26.25°	116	125	134	143	152	160	169	178	190	202	219
-27.5°	105	113	121	129	138	145	153	160	167	173	181
-28.75°	94	101	109	116	123	131	138	144	150	156	160
-30°	84	91	97	104	111	117	123	129	134	140	144
-31.25°	75	81	87	92	98	104	109	115	119	124	128
-32.5°	66	71	77	82	87	91	96	101	105	110	113
-33.75°	58	62	67	72	76	81	85	89	92	95	99
-35°	49	54	58	62	66	70	74	78	81	84	87
-36.25°	42	46	49	53	57	61	64	67	70	73	75
-37.5°	35	38	42	45	48	51	54	57	60	62	65
-38.75°	28	31	34	37	40	43	46	48	50	52	54
-40°	21	24	27	30	32	35	37	40	42	44	45
-41.25°	15	17	20	22	25	27	30	32	34	35	37
-42.5°	11	13	14	16	18	20	22	24	26	27	29
-43.75°	8	9	10	12	13	14	16	17	18	19	21
-45°	6	7	7	8	9	10	11	12	13	14	15
-46.25°	5	6	6	6	7	7	7	8	9	9	10
-47.5°	4	5	5	5	5	6	6	6	7	7	7
-48.75°	4	4	4	4	5	5	5	5	5	5	6
-50°	4	4	4	4	4	4	4	4	4	5	5
-51.25°	3	3	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	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	3
-58.75°	2	2	2	2	2	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	2	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	1	1	1	1	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	3	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	4	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	7	7	8	8	8	8	8	8	8	8	8
46.25°	11	11	12	12	12	12	13	12	12	12	12
45°	15	16	16	17	17	17	17	17	17	17	16
43.75°	22	23	24	25	25	25	25	25	25	25	24
42.5°	30	31	32	33	33	33	34	33	33	33	32
41.25°	38	39	40	41	42	42	42	42	42	41	40
40°	47	48	49	50	50	51	51	51	50	50	49
38.75°	56	58	59	60	61	61	61	61	61	60	59
37.5°	67	68	70	71	71	72	72	72	71	71	70
36.25°	78	79	81	82	83	84	84	84	83	82	81
35°	89	91	93	94	95	96	96	96	95	94	93



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	102	105	107	108	110	110	111	110	110	108	107
32.5°	116	119	122	123	125	125	126	125	125	123	122
31.25°	132	135	138	140	141	142	143	142	141	140	138
30°	148	152	154	157	158	159	160	159	158	157	154
28.75°	165	169	173	176	179	181	181	181	179	176	173
27.5°	189	196	204	212	217	221	222	221	217	212	204
26.25°	234	248	262	273	281	286	287	286	281	273	262
25°	300	320	337	350	359	365	367	365	359	350	337
23.75°	378	401	419	434	445	451	453	451	445	434	419
22.5°	459	482	501	515	525	531	534	531	525	515	501
21.25°	535	557	573	585	593	598	599	598	593	585	573
20°	597	613	623	630	636	639	640	639	636	630	623
18.75°	636	648	657	664	669	673	674	673	669	664	657
17.5°	667	679	689	697	703	706	707	706	703	697	689
16.25°	698	710	721	730	736	740	741	740	736	730	721
15°	728	742	754	763	769	773	775	773	769	763	754
13.75°	758	772	786	796	804	810	812	810	804	796	786
12.5°	788	805	821	834	844	850	852	850	844	834	821
11.25°	820	841	858	872	882	888	890	888	882	872	858
10°	852	874	892	906	916	922	924	922	916	906	892
8.75°	882	904	922	936	945	951	953	951	945	936	922
7.5°	908	930	947	960	970	975	976	975	970	960	947
6.25°	930	951	968	980	987	991	992	991	987	980	968
5°	947	968	983	992	997	999	1000	999	997	992	983
3.75°	960	980	992	998	1000	1001	1000	1001	1000	998	992
2.5°	970	987	997	1000	1000	999	998	999	1000	1000	997
1.25°	975	991	999	1001	999	996	996	996	999	1001	999
0°	976	992	1000	1000	998	996	999	996	998	1000	1000
-1.25°	975	991	999	1001	999	996	996	996	999	1001	999
-2.5°	970	987	997	1000	1000	999	998	999	1000	1000	997
-3.75°	960	980	992	998	1000	1001	1000	1001	1000	998	992
-5°	947	968	983	992	997	999	1000	999	997	992	983
-6.25°	930	951	968	980	987	991	992	991	987	980	968
-7.5°	908	930	947	960	970	975	976	975	970	960	947
-8.75°	882	904	922	936	945	951	953	951	945	936	922
-10°	852	874	892	906	916	922	924	922	916	906	892
-11.25°	820	841	858	872	882	888	890	888	882	872	858
-12.5°	788	805	821	834	844	850	852	850	844	834	821
-13.75°	758	772	786	796	804	810	812	810	804	796	786
-15°	728	742	754	763	769	773	775	773	769	763	754
-16.25°	698	710	721	730	736	740	741	740	736	730	721
-17.5°	667	679	689	697	703	706	707	706	703	697	689
-18.75°	636	648	657	664	669	673	674	673	669	664	657
-20°	597	613	623	630	636	639	640	639	636	630	623
-21.25°	535	557	573	585	593	598	599	598	593	585	573



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	459	482	501	515	525	531	534	531	525	515	501
-23.75°	378	401	419	434	445	451	453	451	445	434	419
-25°	300	320	337	350	359	365	367	365	359	350	337
-26.25°	234	248	262	273	281	286	287	286	281	273	262
-27.5°	189	196	204	212	217	221	222	221	217	212	204
-28.75°	165	169	173	176	179	181	181	181	179	176	173
-30°	148	152	154	157	158	159	160	159	158	157	154
-31.25°	132	135	138	140	141	142	143	142	141	140	138
-32.5°	116	119	122	123	125	125	126	125	125	123	122
-33.75°	102	105	107	108	110	110	111	110	110	108	107
-35°	89	91	93	94	95	96	96	96	95	94	93
-36.25°	78	79	81	82	83	84	84	84	83	82	81
-37.5°	67	68	70	71	71	72	72	72	71	71	70
-38.75°	56	58	59	60	61	61	61	61	61	60	59
-40°	47	48	49	50	50	51	51	51	50	50	49
-41.25°	38	39	40	41	42	42	42	42	42	41	40
-42.5°	30	31	32	33	33	33	34	33	33	33	32
-43.75°	22	23	24	25	25	25	25	25	25	25	24
-45°	15	16	16	17	17	17	17	17	17	17	16
-46.25°	11	11	12	12	12	12	13	12	12	12	12
-47.5°	7	7	8	8	8	8	8	8	8	8	8
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	4	3	3	3	3
-55°	3	3	3	3	3	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	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	3	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	0	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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	3	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	4	4	4	4	4	4	4
48.75°	6	6	6	5	5	5	5	5	5	4	4
47.5°	7	7	7	7	7	6	6	6	5	5	5
46.25°	11	11	10	9	9	8	7	7	7	6	6
45°	16	15	15	14	13	12	11	10	9	8	7
43.75°	23	22	21	19	18	17	16	14	13	12	10
42.5°	31	30	29	27	26	24	22	20	18	16	14
41.25°	39	38	37	35	34	32	30	27	25	22	20
40°	48	47	45	44	42	40	37	35	32	30	27
38.75°	58	56	54	52	50	48	46	43	40	37	34
37.5°	68	67	65	62	60	57	54	51	48	45	42
36.25°	79	78	75	73	70	67	64	61	57	53	49
35°	91	89	87	84	81	78	74	70	66	62	58



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	105	102	99	95	92	89	85	81	76	72	67
32.5°	119	116	113	110	105	101	96	91	87	82	77
31.25°	135	132	128	124	119	115	109	104	98	92	87
30°	152	148	144	140	134	129	123	117	111	104	97
28.75°	169	165	160	156	150	144	138	131	123	116	109
27.5°	196	189	181	173	167	160	153	145	138	129	121
26.25°	248	234	219	202	190	178	169	160	152	143	134
25°	320	300	279	255	232	210	192	177	167	157	148
23.75°	401	378	353	324	294	263	233	206	187	172	161
22.5°	482	459	432	400	365	329	291	254	222	195	176
21.25°	557	535	509	477	441	401	358	314	272	232	199
20°	613	597	575	548	513	473	428	380	331	282	237
18.75°	648	636	622	603	575	539	496	447	393	339	286
17.5°	679	667	653	638	619	593	557	509	456	398	339
16.25°	710	698	683	667	649	629	603	565	514	456	393
15°	742	728	712	695	676	655	633	607	565	509	447
13.75°	772	758	741	722	702	680	658	633	603	557	496
12.5°	805	788	769	749	727	704	680	655	629	593	539
11.25°	841	820	797	774	752	727	702	676	649	619	575
10°	874	852	827	800	774	749	722	695	667	638	603
8.75°	904	882	856	827	797	769	741	712	683	653	622
7.5°	930	908	882	852	820	788	758	728	698	667	636
6.25°	951	930	904	874	841	805	772	742	710	679	648
5°	968	947	922	892	858	821	786	754	721	689	657
3.75°	980	960	936	906	872	834	796	763	730	697	664
2.5°	987	970	945	916	882	844	804	769	736	703	669
1.25°	991	975	951	922	888	850	810	773	740	706	673
0°	992	976	953	924	890	852	812	775	741	707	674
-1.25°	991	975	951	922	888	850	810	773	740	706	673
-2.5°	987	970	945	916	882	844	804	769	736	703	669
-3.75°	980	960	936	906	872	834	796	763	730	697	664
-5°	968	947	922	892	858	821	786	754	721	689	657
-6.25°	951	930	904	874	841	805	772	742	710	679	648
-7.5°	930	908	882	852	820	788	758	728	698	667	636
-8.75°	904	882	856	827	797	769	741	712	683	653	622
-10°	874	852	827	800	774	749	722	695	667	638	603
-11.25°	841	820	797	774	752	727	702	676	649	619	575
-12.5°	805	788	769	749	727	704	680	655	629	593	539
-13.75°	772	758	741	722	702	680	658	633	603	557	496
-15°	742	728	712	695	676	655	633	607	565	509	447
-16.25°	710	698	683	667	649	629	603	565	514	456	393
-17.5°	679	667	653	638	619	593	557	509	456	398	339
-18.75°	648	636	622	603	575	539	496	447	393	339	286
-20°	613	597	575	548	513	473	428	380	331	282	237
-21.25°	557	535	509	477	441	401	358	314	272	232	199



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	482	459	432	400	365	329	291	254	222	195	176
-23.75°	401	378	353	324	294	263	233	206	187	172	161
-25°	320	300	279	255	232	210	192	177	167	157	148
-26.25°	248	234	219	202	190	178	169	160	152	143	134
-27.5°	196	189	181	173	167	160	153	145	138	129	121
-28.75°	169	165	160	156	150	144	138	131	123	116	109
-30°	152	148	144	140	134	129	123	117	111	104	97
-31.25°	135	132	128	124	119	115	109	104	98	92	87
-32.5°	119	116	113	110	105	101	96	91	87	82	77
-33.75°	105	102	99	95	92	89	85	81	76	72	67
-35°	91	89	87	84	81	78	74	70	66	62	58
-36.25°	79	78	75	73	70	67	64	61	57	53	49
-37.5°	68	67	65	62	60	57	54	51	48	45	42
-38.75°	58	56	54	52	50	48	46	43	40	37	34
-40°	48	47	45	44	42	40	37	35	32	30	27
-41.25°	39	38	37	35	34	32	30	27	25	22	20
-42.5°	31	30	29	27	26	24	22	20	18	16	14
-43.75°	23	22	21	19	18	17	16	14	13	12	10
-45°	16	15	15	14	13	12	11	10	9	8	7
-46.25°	11	11	10	9	9	8	7	7	7	6	6
-47.5°	7	7	7	7	7	6	6	6	5	5	5
-48.75°	6	6	6	5	5	5	5	5	5	4	4
-50°	5	5	5	5	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	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	3
-58.75°	3	3	3	3	3	3	3	3	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	1	1	1	0	0	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	1	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	1	1	1
57.5°	3	3	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	2	2	2	2	2	2
55°	3	3	3	3	3	3	3	3	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	4	4	4	3	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	3	3	3	3	3
47.5°	5	4	4	4	4	4	4	4	3	3	3
46.25°	6	5	5	5	4	4	4	4	4	3	3
45°	7	6	6	5	5	5	4	4	4	4	4
43.75°	9	8	7	7	6	5	5	5	4	4	4
42.5°	13	11	9	8	7	7	6	5	5	4	4
41.25°	17	15	13	12	10	8	7	6	6	5	5
40°	24	21	18	15	13	11	9	7	7	6	5
38.75°	31	28	24	21	17	15	13	10	8	7	6
37.5°	38	35	31	27	24	20	16	14	11	9	7
36.25°	46	42	38	34	30	26	22	17	15	12	9
35°	54	49	45	41	37	32	28	23	18	15	12



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	62	58	52	48	43	38	34	29	24	19	15
32.5°	71	66	61	55	50	45	40	35	30	25	19
31.25°	81	75	69	63	57	51	46	41	35	30	25
30°	91	84	78	71	65	59	52	47	41	35	30
28.75°	101	94	87	80	73	66	60	53	47	41	35
27.5°	113	105	96	89	82	74	67	60	52	46	40
26.25°	125	116	107	98	90	82	74	66	59	51	45
25°	138	127	118	108	98	90	82	73	65	57	50
23.75°	150	140	129	119	108	98	89	80	71	63	55
22.5°	163	152	141	129	118	107	96	87	78	69	61
21.25°	179	164	152	140	127	116	105	94	84	75	66
20°	200	179	163	150	138	125	113	101	91	81	71
18.75°	237	199	176	161	148	134	121	109	97	87	77
17.5°	282	232	195	172	157	143	129	116	104	92	82
16.25°	331	272	222	187	167	152	138	123	111	98	87
15°	380	314	254	206	177	160	145	131	117	104	91
13.75°	428	358	291	233	192	169	153	138	123	109	96
12.5°	473	401	329	263	210	178	160	144	129	115	101
11.25°	513	441	365	294	232	190	167	150	134	119	105
10°	548	477	400	324	255	202	173	156	140	124	110
8.75°	575	509	432	353	279	219	181	160	144	128	113
7.5°	597	535	459	378	300	234	189	165	148	132	116
6.25°	613	557	482	401	320	248	196	169	152	135	119
5°	623	573	501	419	337	262	204	173	154	138	122
3.75°	630	585	515	434	350	273	212	176	157	140	123
2.5°	636	593	525	445	359	281	217	179	158	141	125
1.25°	639	598	531	451	365	286	221	181	159	142	125
0°	640	599	534	453	367	287	222	181	160	143	126
-1.25°	639	598	531	451	365	286	221	181	159	142	125
-2.5°	636	593	525	445	359	281	217	179	158	141	125
-3.75°	630	585	515	434	350	273	212	176	157	140	123
-5°	623	573	501	419	337	262	204	173	154	138	122
-6.25°	613	557	482	401	320	248	196	169	152	135	119
-7.5°	597	535	459	378	300	234	189	165	148	132	116
-8.75°	575	509	432	353	279	219	181	160	144	128	113
-10°	548	477	400	324	255	202	173	156	140	124	110
-11.25°	513	441	365	294	232	190	167	150	134	119	105
-12.5°	473	401	329	263	210	178	160	144	129	115	101
-13.75°	428	358	291	233	192	169	153	138	123	109	96
-15°	380	314	254	206	177	160	145	131	117	104	91
-16.25°	331	272	222	187	167	152	138	123	111	98	87
-17.5°	282	232	195	172	157	143	129	116	104	92	82
-18.75°	237	199	176	161	148	134	121	109	97	87	77
-20°	200	179	163	150	138	125	113	101	91	81	71
-21.25°	179	164	152	140	127	116	105	94	84	75	66



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	163	152	141	129	118	107	96	87	78	69	61
-23.75°	150	140	129	119	108	98	89	80	71	63	55
-25°	138	127	118	108	98	90	82	73	65	57	50
-26.25°	125	116	107	98	90	82	74	66	59	51	45
-27.5°	113	105	96	89	82	74	67	60	52	46	40
-28.75°	101	94	87	80	73	66	60	53	47	41	35
-30°	91	84	78	71	65	59	52	47	41	35	30
-31.25°	81	75	69	63	57	51	46	41	35	30	25
-32.5°	71	66	61	55	50	45	40	35	30	25	19
-33.75°	62	58	52	48	43	38	34	29	24	19	15
-35°	54	49	45	41	37	32	28	23	18	15	12
-36.25°	46	42	38	34	30	26	22	17	15	12	9
-37.5°	38	35	31	27	24	20	16	14	11	9	7
-38.75°	31	28	24	21	17	15	13	10	8	7	6
-40°	24	21	18	15	13	11	9	7	7	6	5
-41.25°	17	15	13	12	10	8	7	6	6	5	5
-42.5°	13	11	9	8	7	7	6	5	5	4	4
-43.75°	9	8	7	7	6	5	5	5	4	4	4
-45°	7	6	6	5	5	5	4	4	4	4	4
-46.25°	6	5	5	5	4	4	4	4	4	3	3
-47.5°	5	4	4	4	4	4	4	4	3	3	3
-48.75°	4	4	4	4	4	4	3	3	3	3	3
-50°	4	4	4	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	3	2	2	2
-56.25°	3	3	3	3	3	2	2	2	2	2	2
-57.5°	3	3	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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	1	1	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	0	0	0	0
61.25°	1	1	1	1	1	1	1	1	1	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	2	1	1	1	1	1	1	1
53.75°	2	2	2	2	2	2	1	1	1	1	1
52.5°	3	2	2	2	2	2	2	1	1	1	1
51.25°	3	3	3	2	2	2	2	2	2	1	1
50°	3	3	3	3	3	2	2	2	2	2	1
48.75°	3	3	3	3	3	3	2	2	2	2	2
47.5°	3	3	3	3	3	3	3	2	2	2	2
46.25°	3	3	3	3	3	3	3	3	2	2	2
45°	3	3	3	3	3	3	3	3	3	3	2
43.75°	4	4	3	3	3	3	3	3	3	3	2
42.5°	4	4	4	3	3	3	3	3	3	3	3
41.25°	4	4	4	4	3	3	3	3	3	3	3
40°	5	4	4	4	4	3	3	3	3	3	3
38.75°	5	5	4	4	4	4	3	3	3	3	3
37.5°	6	6	5	4	4	4	4	3	3	3	3
36.25°	7	6	6	5	4	4	4	4	3	3	3
35°	9	7	6	6	5	4	4	4	4	3	3



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	12	9	7	6	5	5	4	4	4	3	3
32.5°	15	12	9	7	6	5	5	4	4	4	3
31.25°	19	15	12	9	7	6	5	4	4	4	3
30°	24	18	15	11	8	7	6	5	4	4	4
28.75°	29	23	17	14	10	7	6	5	5	4	4
27.5°	34	28	22	16	13	9	7	6	5	4	4
26.25°	38	32	26	20	15	11	8	7	5	5	4
25°	43	37	30	24	17	13	10	7	6	5	4
23.75°	48	41	34	27	21	15	12	8	7	5	5
22.5°	52	45	38	31	24	18	13	9	7	6	5
21.25°	58	49	42	35	28	21	15	11	8	6	5
20°	62	54	46	38	31	24	17	13	9	7	6
18.75°	67	58	49	42	34	27	20	14	10	7	6
17.5°	72	62	53	45	37	30	22	16	12	8	6
16.25°	76	66	57	48	40	32	25	18	13	9	7
15°	81	70	61	51	43	35	27	20	14	10	7
13.75°	85	74	64	54	46	37	30	22	16	11	7
12.5°	89	78	67	57	48	40	32	24	17	12	8
11.25°	92	81	70	60	50	42	34	26	18	13	9
10°	95	84	73	62	52	44	35	27	19	14	9
8.75°	99	87	75	65	54	45	37	29	21	15	10
7.5°	102	89	78	67	56	47	38	30	22	15	11
6.25°	105	91	79	68	58	48	39	31	23	16	11
5°	107	93	81	70	59	49	40	32	24	16	12
3.75°	108	94	82	71	60	50	41	33	25	17	12
2.5°	110	95	83	71	61	50	42	33	25	17	12
1.25°	110	96	84	72	61	51	42	33	25	17	12
0°	111	96	84	72	61	51	42	34	25	17	13
-1.25°	110	96	84	72	61	51	42	34	25	17	13
-2.5°	110	95	83	71	61	50	42	33	25	17	12
-3.75°	108	94	82	71	60	50	41	33	25	17	12
-5°	107	93	81	70	59	49	40	32	24	16	12
-6.25°	105	91	79	68	58	48	39	31	23	16	11
-7.5°	102	89	78	67	56	47	38	30	22	15	11
-8.75°	99	87	75	65	54	45	37	29	21	15	10
-10°	95	84	73	62	52	44	35	27	19	14	9
-11.25°	92	81	70	60	50	42	34	26	18	13	9
-12.5°	89	78	67	57	48	40	32	24	17	12	8
-13.75°	85	74	64	54	46	37	30	22	16	11	7
-15°	81	70	61	51	43	35	27	20	14	10	7
-16.25°	76	66	57	48	40	32	25	18	13	9	7
-17.5°	72	62	53	45	37	30	22	16	12	8	6
-18.75°	67	58	49	42	34	27	20	14	10	7	6
-20°	62	54	46	38	31	24	17	13	9	7	6
-21.25°	58	49	42	35	28	21	15	11	8	6	5



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	52	45	38	31	24	18	13	9	7	6	5
-23.75°	48	41	34	27	21	15	12	8	7	5	5
-25°	43	37	30	24	17	13	10	7	6	5	4
-26.25°	38	32	26	20	15	11	8	7	5	5	4
-27.5°	34	28	22	16	13	9	7	6	5	4	4
-28.75°	29	23	17	14	10	7	6	5	5	4	4
-30°	24	18	15	11	8	7	6	5	4	4	4
-31.25°	19	15	12	9	7	6	5	4	4	4	3
-32.5°	15	12	9	7	6	5	5	4	4	4	3
-33.75°	12	9	7	6	5	5	4	4	4	3	3
-35°	9	7	6	6	5	4	4	4	4	3	3
-36.25°	7	6	6	5	4	4	4	4	3	3	3
-37.5°	6	6	5	4	4	4	4	3	3	3	3
-38.75°	5	5	4	4	4	4	3	3	3	3	3
-40°	5	4	4	4	4	3	3	3	3	3	3
-41.25°	4	4	4	4	3	3	3	3	3	3	3
-42.5°	4	4	4	3	3	3	3	3	3	3	3
-43.75°	4	4	3	3	3	3	3	3	3	3	2
-45°	3	3	3	3	3	3	3	3	3	3	2
-46.25°	3	3	3	3	3	3	3	3	2	2	2
-47.5°	3	3	3	3	3	3	3	2	2	2	2
-48.75°	3	3	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	3	2	2	2	2	2	1
-51.25°	3	3	3	2	2	2	2	2	2	1	1
-52.5°	3	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	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	0
-61.25°	1	1	1	1	1	1	1	1	1	0	0
-62.5°	1	1	1	1	1	1	1	0	0	0	0
-63.75°	1	1	1	1	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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	0	0	0	0	0	0	0	0	0	0
57.5°	1	1	0	0	0	0	0	0	0	0	0
56.25°	1	1	1	1	0	0	0	0	0	0	0
55°	1	1	1	1	1	0	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	1	0	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	1	0	0
47.5°	2	1	1	1	1	1	1	1	1	1	0
46.25°	2	2	1	1	1	1	1	1	1	1	0
45°	2	2	2	1	1	1	1	1	1	1	1
43.75°	2	2	2	2	1	1	1	1	1	1	1
42.5°	2	2	2	2	1	1	1	1	1	1	1
41.25°	3	2	2	2	2	1	1	1	1	1	1
40°	3	3	2	2	2	2	1	1	1	1	1
38.75°	3	3	3	2	2	2	1	1	1	1	1
37.5°	3	3	3	2	2	2	2	1	1	1	1
36.25°	3	3	3	3	2	2	2	1	1	1	1
35°	3	3	3	3	2	2	2	2	1	1	1



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	3	3	3	3	3	2	2	2	1	1	1
32.5°	3	3	3	3	3	2	2	2	2	1	1
31.25°	3	3	3	3	3	3	2	2	2	1	1
30°	3	3	3	3	3	3	2	2	2	1	1
28.75°	4	3	3	3	3	3	3	2	2	2	1
27.5°	4	3	3	3	3	3	3	2	2	2	1
26.25°	4	4	3	3	3	3	3	2	2	2	1
25°	4	4	3	3	3	3	3	3	2	2	2
23.75°	4	4	3	3	3	3	3	3	2	2	2
22.5°	4	4	4	3	3	3	3	3	2	2	2
21.25°	4	4	4	3	3	3	3	3	3	2	2
20°	5	4	4	3	3	3	3	3	3	2	2
18.75°	5	4	4	4	3	3	3	3	3	2	2
17.5°	5	4	4	4	3	3	3	3	3	2	2
16.25°	5	5	4	4	3	3	3	3	3	2	2
15°	6	5	4	4	3	3	3	3	3	3	2
13.75°	6	5	4	4	4	3	3	3	3	3	2
12.5°	6	5	4	4	4	3	3	3	3	3	2
11.25°	7	5	4	4	4	3	3	3	3	3	2
10°	7	5	5	4	4	3	3	3	3	3	2
8.75°	7	6	5	4	4	3	3	3	3	3	2
7.5°	7	6	5	4	4	3	3	3	3	3	2
6.25°	7	6	5	4	4	3	3	3	3	3	2
5°	8	6	5	4	4	3	3	3	3	3	2
3.75°	8	6	5	4	4	3	3	3	3	3	2
2.5°	8	6	5	4	4	3	3	3	3	3	2
1.25°	8	6	5	4	4	3	3	3	3	3	2
0°	8	6	5	4	4	4	3	3	3	3	3
-1.25°	8	6	5	4	4	3	3	3	3	3	2
-2.5°	8	6	5	4	4	3	3	3	3	3	2
-3.75°	8	6	5	4	4	3	3	3	3	3	2
-5°	8	6	5	4	4	3	3	3	3	3	2
-6.25°	7	6	5	4	4	3	3	3	3	3	2
-7.5°	7	6	5	4	4	3	3	3	3	3	2
-8.75°	7	6	5	4	4	3	3	3	3	3	2
-10°	7	5	5	4	4	3	3	3	3	3	2
-11.25°	7	5	4	4	4	3	3	3	3	3	2
-12.5°	6	5	4	4	4	3	3	3	3	3	2
-13.75°	6	5	4	4	4	3	3	3	3	3	2
-15°	6	5	4	4	3	3	3	3	3	3	2
-16.25°	5	5	4	4	3	3	3	3	3	2	2
-17.5°	5	4	4	4	3	3	3	3	3	2	2
-18.75°	5	4	4	4	3	3	3	3	3	2	2
-20°	5	4	4	3	3	3	3	3	3	2	2
-21.25°	4	4	4	3	3	3	3	3	3	2	2



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	4	4	4	3	3	3	3	3	2	2	2
-23.75°	4	4	3	3	3	3	3	3	2	2	2
-25°	4	4	3	3	3	3	3	3	2	2	2
-26.25°	4	4	3	3	3	3	3	2	2	2	1
-27.5°	4	3	3	3	3	3	3	2	2	2	1
-28.75°	4	3	3	3	3	3	3	2	2	2	1
-30°	3	3	3	3	3	3	2	2	2	1	1
-31.25°	3	3	3	3	3	3	2	2	2	1	1
-32.5°	3	3	3	3	3	2	2	2	2	1	1
-33.75°	3	3	3	3	3	2	2	2	1	1	1
-35°	3	3	3	3	2	2	2	2	1	1	1
-36.25°	3	3	3	3	2	2	2	1	1	1	1
-37.5°	3	3	3	2	2	2	2	1	1	1	1
-38.75°	3	3	3	2	2	2	1	1	1	1	1
-40°	3	3	2	2	2	2	1	1	1	1	1
-41.25°	3	2	2	2	2	1	1	1	1	1	1
-42.5°	2	2	2	2	1	1	1	1	1	1	1
-43.75°	2	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	1	1	1	1	1	1	1	1
-46.25°	2	2	1	1	1	1	1	1	1	1	0
-47.5°	2	1	1	1	1	1	1	1	1	1	0
-48.75°	1	1	1	1	1	1	1	1	1	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	0	0	0	0	0	0
-56.25°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	0	0	0	0	0	0	0	0	0
-58.75°	1	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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	0	0	0	0	0	0	0	0	0	0
42.5°	1	0	0	0	0	0	0	0	0	0	0
41.25°	1	1	0	0	0	0	0	0	0	0	0
40°	1	1	0	0	0	0	0	0	0	0	0
38.75°	1	1	0	0	0	0	0	0	0	0	0
37.5°	1	1	1	0	0	0	0	0	0	0	0
36.25°	1	1	1	0	0	0	0	0	0	0	0
35°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1	1	1	1	0	0	0	0	0	0	0
32.5°	1	1	1	1	0	0	0	0	0	0	0
31.25°	1	1	1	1	0	0	0	0	0	0	0
30°	1	1	1	1	1	0	0	0	0	0	0
28.75°	1	1	1	1	1	0	0	0	0	0	0
27.5°	1	1	1	1	1	0	0	0	0	0	0
26.25°	1	1	1	1	1	0	0	0	0	0	0
25°	1	1	1	1	1	0	0	0	0	0	0
23.75°	1	1	1	1	1	1	0	0	0	0	0
22.5°	1	1	1	1	1	1	0	0	0	0	0
21.25°	1	1	1	1	1	1	0	0	0	0	0
20°	1	1	1	1	1	1	0	0	0	0	0
18.75°	2	1	1	1	1	1	0	0	0	0	0
17.5°	2	1	1	1	1	1	0	0	0	0	0
16.25°	2	1	1	1	1	1	1	0	0	0	0
15°	2	1	1	1	1	1	1	0	0	0	0
13.75°	2	1	1	1	1	1	1	0	0	0	0
12.5°	2	1	1	1	1	1	1	0	0	0	0
11.25°	2	2	1	1	1	1	1	0	0	0	0
10°	2	2	1	1	1	1	1	0	0	0	0
8.75°	2	2	1	1	1	1	1	0	0	0	0
7.5°	2	2	1	1	1	1	1	0	0	0	0
6.25°	2	2	1	1	1	1	1	0	0	0	0
5°	2	2	1	1	1	1	1	0	0	0	0
3.75°	2	2	1	1	1	1	1	0	0	0	0
2.5°	2	2	1	1	1	1	1	0	0	0	0
1.25°	2	2	1	1	1	1	1	0	0	0	0
0°	2	2	1	1	1	1	1	0	0	0	0
-1.25°	2	2	1	1	1	1	1	0	0	0	0
-2.5°	2	2	1	1	1	1	1	0	0	0	0
-3.75°	2	2	1	1	1	1	1	0	0	0	0
-5°	2	2	1	1	1	1	1	0	0	0	0
-6.25°	2	2	1	1	1	1	1	0	0	0	0
-7.5°	2	2	1	1	1	1	1	0	0	0	0
-8.75°	2	2	1	1	1	1	1	0	0	0	0
-10°	2	2	1	1	1	1	1	0	0	0	0
-11.25°	2	2	1	1	1	1	1	0	0	0	0
-12.5°	2	1	1	1	1	1	1	0	0	0	0
-13.75°	2	1	1	1	1	1	1	0	0	0	0
-15°	2	1	1	1	1	1	1	0	0	0	0
-16.25°	2	1	1	1	1	1	1	0	0	0	0
-17.5°	2	1	1	1	1	1	0	0	0	0	0
-18.75°	2	1	1	1	1	1	0	0	0	0	0
-20°	1	1	1	1	1	1	0	0	0	0	0
-21.25°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	0	0	0	0	0
-23.75°	1	1	1	1	1	1	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	1	0	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	1	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	0	0	0	0	0	0	0	0
-36.25°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	1	0	0	0	0	0	0	0	0
-38.75°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	1	0	0	0	0	0	0	0	0	0
-41.25°	1	1	0	0	0	0	0	0	0	0	0
-42.5°	1	0	0	0	0	0	0	0	0	0	0
-43.75°	1	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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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)