

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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

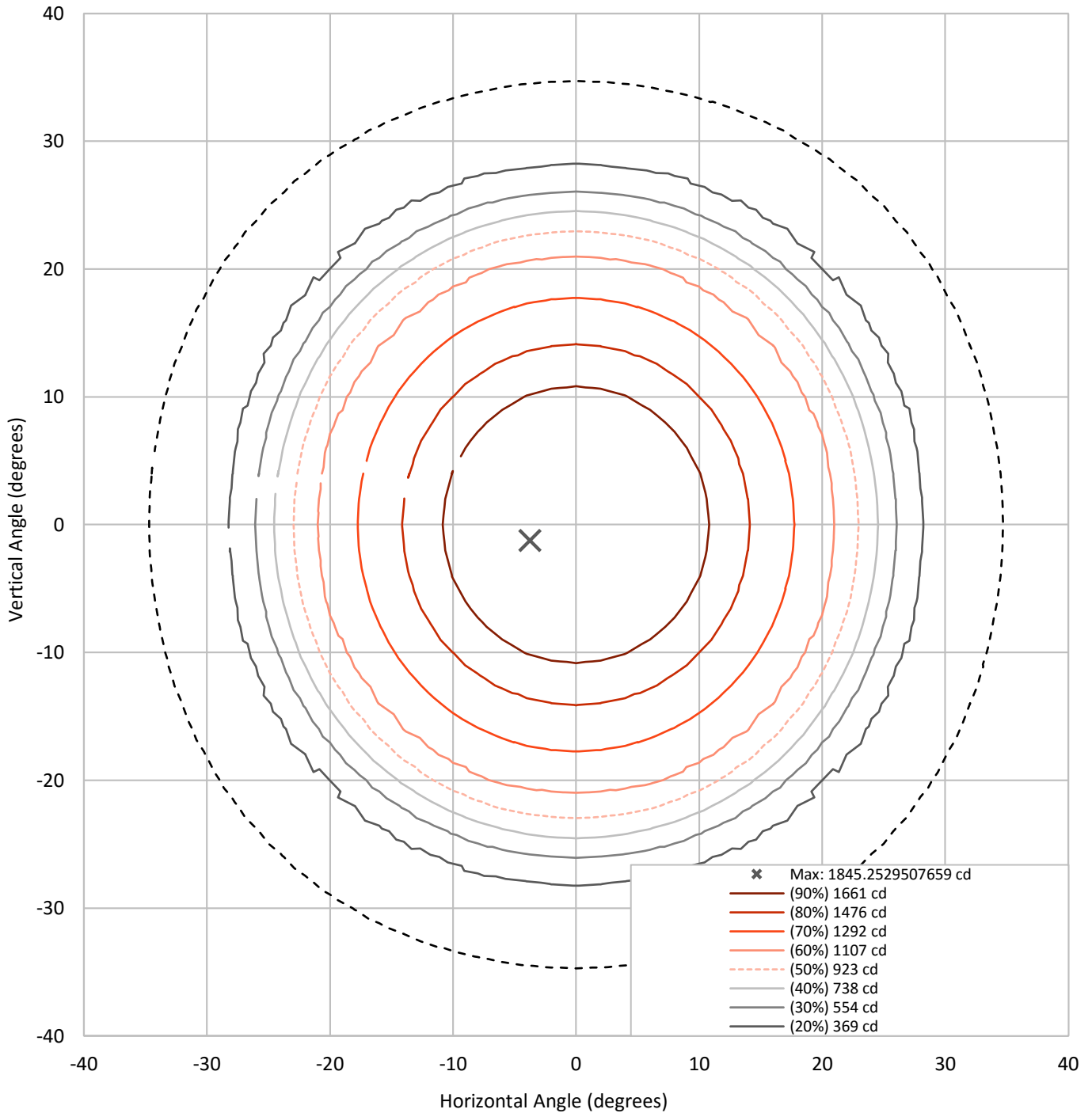
Test Method: LM-79-08
Report Number: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-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:	1031.8 lumens	Max Intensity:	1845.3 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	51.3 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:	697.5 lumens	Field Lumens:	945.4 lumens
Beam Efficiency:	67.6%	Field Efficiency:	91.6%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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

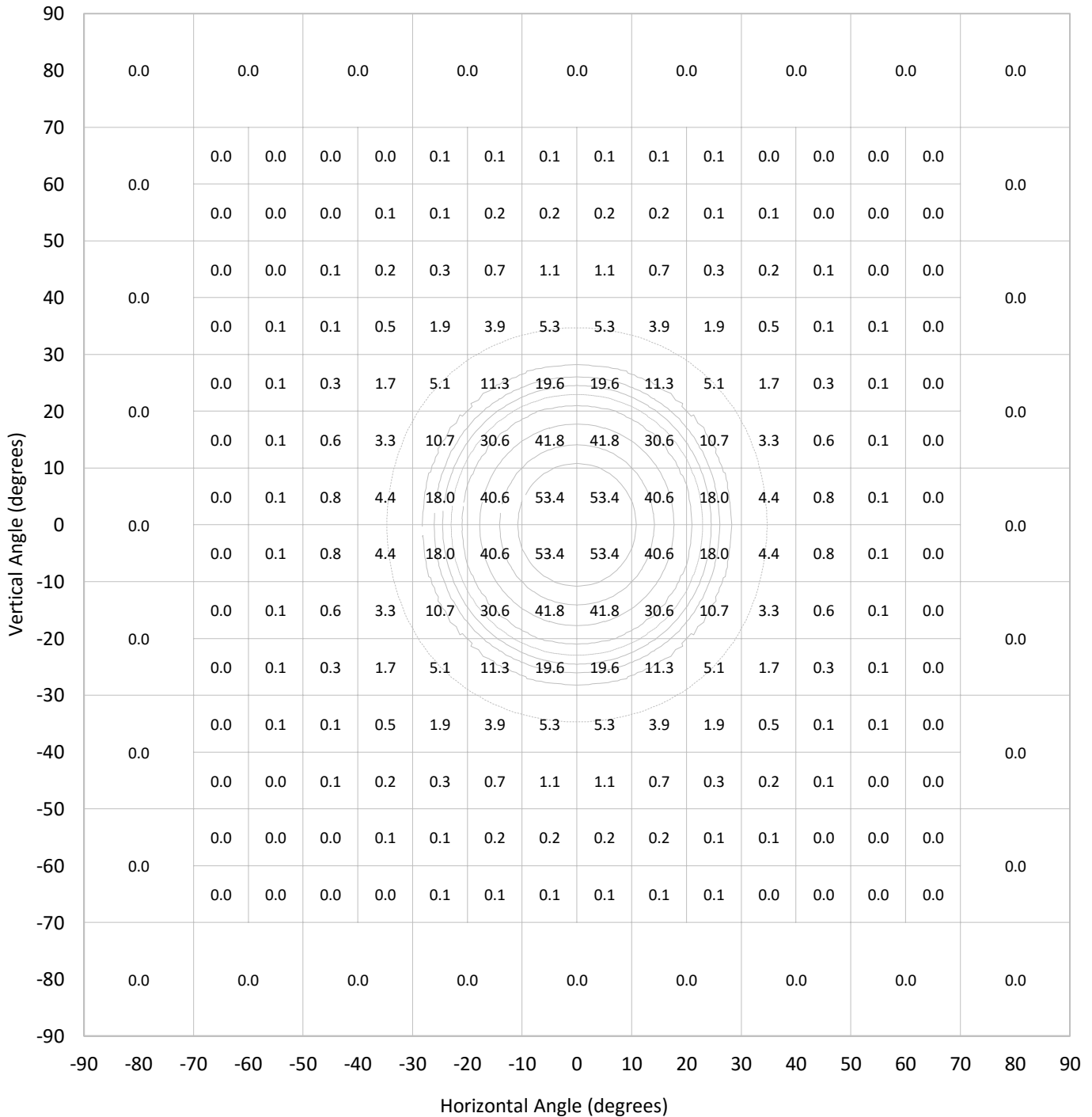
Iso-Candela Plot





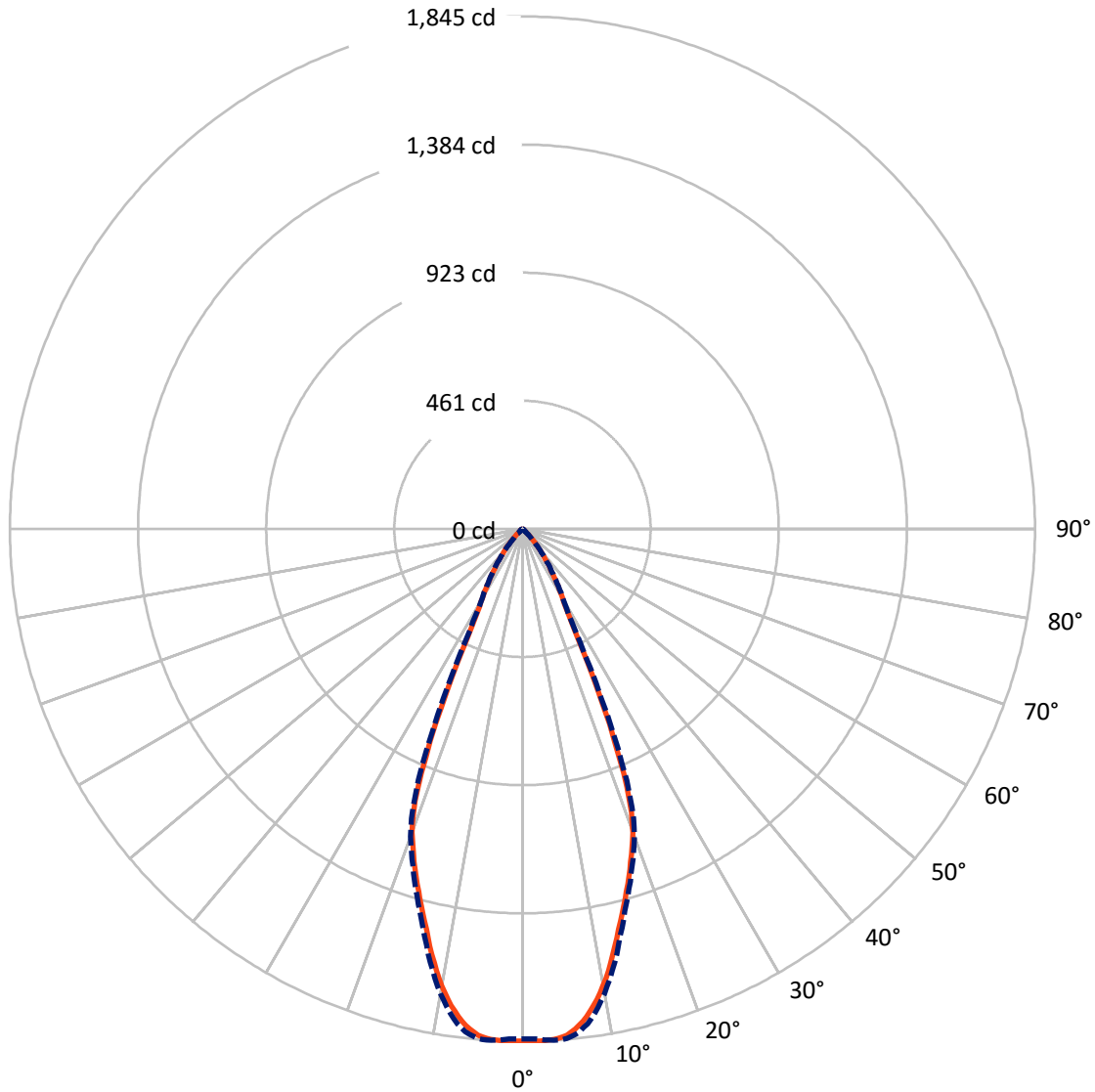
REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

Lumen Table



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

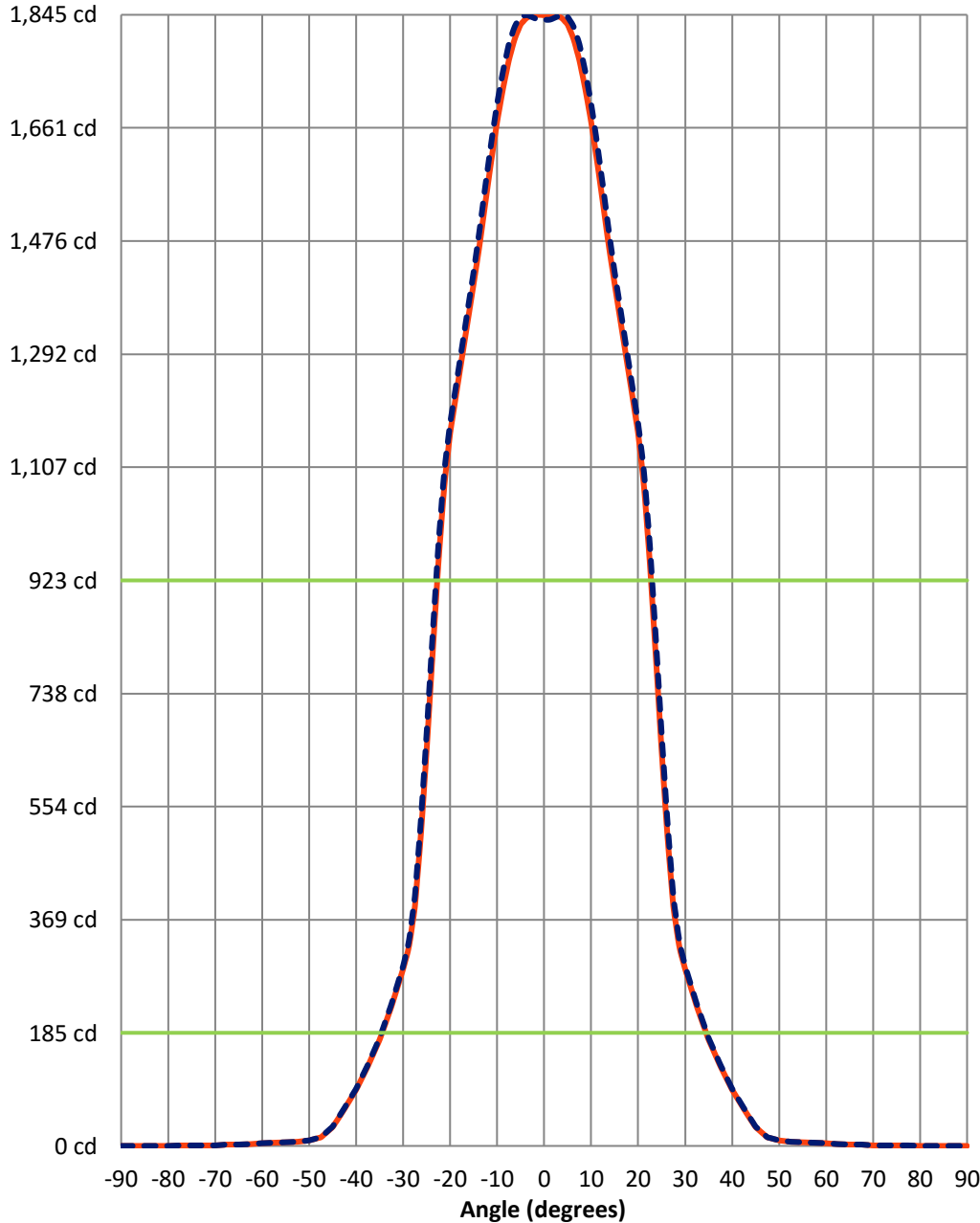
Luminous Intensity Polar Plot



— 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-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 697.5
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 945.4
 Efficiency: 91.6%

Spill:
 Lumens: 86.4
 Efficiency: 8.4%

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	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	1
20°	0	0	0	0	0	0	0	0	0	0	1
18.75°	0	0	0	0	0	0	0	0	0	0	1
17.5°	0	0	0	0	0	0	0	0	0	0	1
16.25°	0	0	0	0	0	0	0	0	0	0	1
15°	0	0	0	0	0	0	0	0	0	0	1
13.75°	0	0	0	0	0	0	0	0	0	0	1
12.5°	0	0	0	0	0	0	0	0	0	0	1
11.25°	0	0	0	0	0	0	0	0	0	0	1
10°	0	0	0	0	0	0	0	0	0	0	1
8.75°	0	0	0	0	0	0	0	0	0	0	1
7.5°	0	0	0	0	0	0	0	0	0	0	1
6.25°	0	0	0	0	0	0	0	0	0	0	1
5°	0	0	0	0	0	0	0	0	0	0	1
3.75°	0	0	0	0	0	0	0	0	0	0	1
2.5°	0	0	0	0	0	0	0	0	0	0	1
1.25°	0	0	0	0	0	0	0	0	0	0	1
0°	0	0	0	0	0	0	0	0	0	0	1
-1.25°	0	0	0	0	0	0	0	0	0	0	1
-2.5°	0	0	0	0	0	0	0	0	0	0	1
-3.75°	0	0	0	0	0	0	0	0	0	0	1
-5°	0	0	0	0	0	0	0	0	0	0	1
-6.25°	0	0	0	0	0	0	0	0	0	0	1
-7.5°	0	0	0	0	0	0	0	0	0	0	1
-8.75°	0	0	0	0	0	0	0	0	0	0	1
-10°	0	0	0	0	0	0	0	0	0	0	1
-11.25°	0	0	0	0	0	0	0	0	0	0	1
-12.5°	0	0	0	0	0	0	0	0	0	0	1
-13.75°	0	0	0	0	0	0	0	0	0	0	1
-15°	0	0	0	0	0	0	0	0	0	0	1
-16.25°	0	0	0	0	0	0	0	0	0	0	1
-17.5°	0	0	0	0	0	0	0	0	0	0	1
-18.75°	0	0	0	0	0	0	0	0	0	0	1
-20°	0	0	0	0	0	0	0	0	0	0	1
-21.25°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	1	1	1	1	1	1	2	2	2
-23.75°	1	1	1	1	1	1	1	1	2	2	2
-25°	1	1	1	1	1	1	1	1	2	2	2
-26.25°	1	1	1	1	1	1	1	1	2	2	2
-27.5°	1	1	1	1	1	1	1	1	1	2	2
-28.75°	1	1	1	1	1	1	1	1	1	2	2
-30°	1	1	1	1	1	1	1	1	1	2	2
-31.25°	1	1	1	1	1	1	1	1	1	2	2
-32.5°	1	1	1	1	1	1	1	1	1	1	2
-33.75°	0	1	1	1	1	1	1	1	1	1	2
-35°	0	1	1	1	1	1	1	1	1	1	2
-36.25°	0	1	1	1	1	1	1	1	1	1	1
-37.5°	0	1	1	1	1	1	1	1	1	1	1
-38.75°	0	1	1	1	1	1	1	1	1	1	1
-40°	0	0	1	1	1	1	1	1	1	1	1
-41.25°	0	0	1	1	1	1	1	1	1	1	1
-42.5°	0	0	1	1	1	1	1	1	1	1	1
-43.75°	0	0	1	1	1	1	1	1	1	1	1
-45°	0	0	0	1	1	1	1	1	1	1	1
-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	1	1	1	1	1	1	1
-51.25°	0	0	0	0	1	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-53.75°	0	0	0	0	0	1	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	0	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-61.25°	0	0	0	0	0	0	0	0	0	1	1
-62.5°	0	0	0	0	0	0	0	0	0	0	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	1	1
70°	0	0	0	0	0	0	0	1	1	1	1
68.75°	0	0	0	0	0	1	1	1	1	1	1
67.5°	0	0	0	0	1	1	1	1	1	1	1
66.25°	0	0	1	1	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	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	2
53.75°	1	1	1	1	1	1	1	1	1	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	2
50°	1	1	1	1	1	1	2	2	2	2	2
48.75°	1	1	1	1	1	2	2	2	2	2	2
47.5°	1	1	1	1	2	2	2	2	2	2	3
46.25°	1	1	1	1	2	2	2	2	2	2	3
45°	1	1	1	2	2	2	2	2	2	3	3
43.75°	1	1	2	2	2	2	2	2	3	3	3
42.5°	1	1	2	2	2	2	2	3	3	3	3
41.25°	1	2	2	2	2	2	2	3	3	3	4
40°	1	2	2	2	2	2	3	3	3	4	4
38.75°	1	2	2	2	2	2	3	3	4	4	5
37.5°	2	2	2	2	2	3	3	3	4	4	5
36.25°	2	2	2	2	2	3	3	4	4	5	5
35°	2	2	2	2	3	3	3	4	4	5	5



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	2	2	2	3	3	4	4	5	5	5
32.5°	2	2	2	3	3	3	4	4	5	5	5
31.25°	2	2	2	3	3	4	4	5	5	5	6
30°	2	2	2	3	3	4	4	5	5	5	6
28.75°	2	2	3	3	3	4	5	5	5	6	6
27.5°	2	2	3	3	4	4	5	5	5	6	6
26.25°	2	2	3	3	4	4	5	5	5	6	6
25°	2	3	3	3	4	5	5	5	6	6	6
23.75°	2	3	3	4	4	5	5	5	6	6	6
22.5°	2	3	3	4	4	5	5	5	6	6	6
21.25°	2	3	3	4	5	5	5	6	6	6	7
20°	3	3	3	4	5	5	5	6	6	6	7
18.75°	3	3	3	4	5	5	5	6	6	6	7
17.5°	3	3	4	4	5	5	5	6	6	7	7
16.25°	3	3	4	4	5	5	6	6	6	7	7
15°	3	3	4	5	5	5	6	6	6	7	8
13.75°	3	3	4	5	5	5	6	6	6	7	8
12.5°	3	3	4	5	5	5	6	6	6	7	8
11.25°	3	3	4	5	5	5	6	6	7	7	8
10°	3	3	4	5	5	5	6	6	7	7	8
8.75°	3	4	4	5	5	6	6	6	7	7	9
7.5°	3	4	4	5	5	6	6	6	7	8	9
6.25°	3	4	4	5	5	6	6	6	7	8	9
5°	3	4	4	5	5	6	6	6	7	8	9
3.75°	3	4	4	5	5	6	6	6	7	8	9
2.5°	3	4	4	5	5	6	6	6	7	8	9
1.25°	3	4	4	5	5	6	6	6	7	8	9
0°	3	4	5	5	5	6	6	6	7	8	9
-1.25°	3	4	4	5	5	6	6	6	7	8	9
-2.5°	3	4	4	5	5	6	6	6	7	8	9
-3.75°	3	4	4	5	5	6	6	6	7	8	9
-5°	3	4	4	5	5	6	6	6	7	8	9
-6.25°	3	4	4	5	5	6	6	6	7	8	9
-7.5°	3	4	4	5	5	6	6	6	7	8	9
-8.75°	3	4	4	5	5	6	6	6	7	7	9
-10°	3	3	4	5	5	5	6	6	7	7	8
-11.25°	3	3	4	5	5	5	6	6	7	7	8
-12.5°	3	3	4	5	5	5	6	6	6	7	8
-13.75°	3	3	4	5	5	5	6	6	6	7	8
-15°	3	3	4	5	5	5	6	6	6	7	8
-16.25°	3	3	4	4	5	5	6	6	6	7	7
-17.5°	3	3	4	4	5	5	5	6	6	7	7
-18.75°	3	3	3	4	5	5	5	6	6	6	7
-20°	3	3	3	4	5	5	5	6	6	6	7
-21.25°	2	3	3	4	5	5	5	6	6	6	7



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	2	3	3	4	4	5	5	5	6	6	6
-23.75°	2	3	3	4	4	5	5	5	6	6	6
-25°	2	3	3	3	4	5	5	5	6	6	6
-26.25°	2	2	3	3	4	4	5	5	5	6	6
-27.5°	2	2	3	3	4	4	5	5	5	6	6
-28.75°	2	2	3	3	3	4	5	5	5	6	6
-30°	2	2	2	3	3	4	4	5	5	5	6
-31.25°	2	2	2	3	3	4	4	5	5	5	6
-32.5°	2	2	2	3	3	3	4	4	5	5	5
-33.75°	2	2	2	2	3	3	4	4	5	5	5
-35°	2	2	2	2	3	3	3	4	4	5	5
-36.25°	2	2	2	2	2	3	3	4	4	5	5
-37.5°	2	2	2	2	2	3	3	3	4	4	5
-38.75°	1	2	2	2	2	2	3	3	4	4	5
-40°	1	2	2	2	2	2	3	3	3	4	4
-41.25°	1	2	2	2	2	2	2	3	3	3	4
-42.5°	1	1	2	2	2	2	2	3	3	3	3
-43.75°	1	1	2	2	2	2	2	2	3	3	3
-45°	1	1	1	2	2	2	2	2	2	3	3
-46.25°	1	1	1	1	2	2	2	2	2	2	3
-47.5°	1	1	1	1	2	2	2	2	2	2	3
-48.75°	1	1	1	1	1	2	2	2	2	2	2
-50°	1	1	1	1	1	1	2	2	2	2	2
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	1	2	2
-55°	1	1	1	1	1	1	1	1	1	1	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°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	0	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	1	1	1	1	1	1
-70°	0	0	0	0	0	0	0	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	0	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	1	1	1
73.75°	0	0	0	0	1	1	1	1	1	1	1
72.5°	0	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	2	2
61.25°	1	1	1	1	1	1	2	2	2	2	2
60°	1	1	1	1	2	2	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	2	2
57.5°	1	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	3	3
55°	2	2	2	2	2	2	2	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	4
52.5°	2	2	2	2	3	3	3	3	4	4	4
51.25°	2	2	2	3	3	3	3	4	4	4	5
50°	2	3	3	3	3	3	4	4	5	5	5
48.75°	3	3	3	3	4	4	4	5	5	5	5
47.5°	3	3	3	4	4	4	5	5	5	5	5
46.25°	3	3	4	4	4	5	5	5	5	6	6
45°	3	4	4	5	5	5	5	5	6	6	6
43.75°	4	4	4	5	5	5	5	6	6	6	6
42.5°	4	4	5	5	5	5	6	6	6	6	6
41.25°	4	5	5	5	5	6	6	6	6	7	7
40°	5	5	5	5	6	6	6	6	7	7	7
38.75°	5	5	5	6	6	6	6	7	7	7	8
37.5°	5	5	6	6	6	6	7	7	7	8	9
36.25°	5	5	6	6	6	6	7	7	8	9	10
35°	5	6	6	6	6	7	7	8	9	10	12



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	6	6	6	6	7	7	8	9	10	12	13
32.5°	6	6	6	7	7	8	9	10	11	13	17
31.25°	6	6	6	7	7	8	9	11	13	16	22
30°	6	6	7	7	8	9	10	12	14	21	27
28.75°	6	6	7	8	8	10	12	14	19	25	32
27.5°	6	7	7	8	9	11	13	16	23	30	40
26.25°	6	7	8	9	10	12	14	21	27	36	48
25°	7	7	8	9	11	13	17	25	32	43	55
23.75°	7	7	8	10	12	14	21	28	38	51	63
22.5°	7	8	9	11	13	17	25	32	45	57	70
21.25°	7	8	9	12	14	21	28	38	51	64	77
20°	8	9	10	13	16	24	31	44	57	71	84
18.75°	8	9	11	13	19	27	36	50	63	77	91
17.5°	8	9	12	14	22	29	41	55	69	83	98
16.25°	8	10	12	16	24	32	46	60	74	89	105
15°	9	11	13	18	26	37	51	65	79	94	112
13.75°	9	11	14	20	29	41	55	69	84	100	118
12.5°	9	12	14	22	31	44	59	73	88	106	124
11.25°	10	12	16	24	33	48	62	77	92	111	129
10°	10	13	17	26	36	51	65	81	96	115	134
8.75°	10	13	19	27	38	53	68	84	100	119	139
7.5°	11	13	20	28	41	55	71	86	104	123	143
6.25°	11	14	21	29	43	57	73	88	107	126	147
5°	11	14	22	30	44	59	75	90	109	128	149
3.75°	11	14	22	31	45	60	76	92	111	130	152
2.5°	12	14	23	31	46	61	77	93	112	132	153
1.25°	12	14	23	32	47	62	78	93	113	133	154
0°	12	14	23	32	47	62	78	94	113	133	155
-1.25°	12	14	23	32	47	62	78	93	113	133	154
-2.5°	12	14	23	31	46	61	77	93	112	132	153
-3.75°	11	14	22	31	45	60	76	92	111	130	152
-5°	11	14	22	30	44	59	75	90	109	128	149
-6.25°	11	14	21	29	43	57	73	88	107	126	147
-7.5°	11	13	20	28	41	55	71	86	104	123	143
-8.75°	10	13	19	27	38	53	68	84	100	119	139
-10°	10	13	17	26	36	51	65	81	96	115	134
-11.25°	10	12	16	24	33	48	62	77	92	111	129
-12.5°	9	12	14	22	31	44	59	73	88	106	124
-13.75°	9	11	14	20	29	41	55	69	84	100	118
-15°	9	11	13	18	26	37	51	65	79	94	112
-16.25°	8	10	12	16	24	32	46	60	74	89	105
-17.5°	8	9	12	14	22	29	41	55	69	83	98
-18.75°	8	9	11	13	19	27	36	50	63	77	91
-20°	8	9	10	13	16	24	31	44	57	71	84
-21.25°	7	8	9	12	14	21	28	38	51	64	77



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	7	8	9	11	13	17	25	32	45	57	70
-23.75°	7	7	8	10	12	14	21	28	38	51	63
-25°	7	7	8	9	11	13	17	25	32	43	55
-26.25°	6	7	8	9	10	12	14	21	27	36	48
-27.5°	6	7	7	8	9	11	13	16	23	30	40
-28.75°	6	6	7	8	8	10	12	14	19	25	32
-30°	6	6	7	7	8	9	10	12	14	21	27
-31.25°	6	6	6	7	7	8	9	11	13	16	22
-32.5°	6	6	6	7	7	8	9	10	11	13	17
-33.75°	6	6	6	6	7	7	8	9	10	12	13
-35°	5	6	6	6	6	7	7	8	9	10	12
-36.25°	5	5	6	6	6	6	7	7	8	9	10
-37.5°	5	5	6	6	6	6	7	7	7	8	9
-38.75°	5	5	5	6	6	6	6	7	7	7	8
-40°	5	5	5	5	6	6	6	6	7	7	7
-41.25°	4	5	5	5	5	6	6	6	6	7	7
-42.5°	4	4	5	5	5	5	6	6	6	6	6
-43.75°	4	4	4	5	5	5	5	6	6	6	6
-45°	3	4	4	5	5	5	5	5	6	6	6
-46.25°	3	3	4	4	4	5	5	5	5	6	6
-47.5°	3	3	3	4	4	4	5	5	5	5	5
-48.75°	3	3	3	3	4	4	4	5	5	5	5
-50°	2	3	3	3	3	3	4	4	5	5	5
-51.25°	2	2	2	3	3	3	3	4	4	4	5
-52.5°	2	2	2	2	3	3	3	3	4	4	4
-53.75°	2	2	2	2	2	3	3	3	3	3	4
-55°	2	2	2	2	2	2	2	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	3	3
-57.5°	1	2	2	2	2	2	2	2	2	2	2
-58.75°	1	1	1	2	2	2	2	2	2	2	2
-60°	1	1	1	1	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	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°	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	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	1	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	1	1	1
-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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	3	3	3
60°	2	2	2	2	2	3	3	3	3	3	3
58.75°	2	2	3	3	3	3	3	3	3	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	4	4	4	4	4	5	5	5
55°	3	4	4	4	4	5	5	5	5	5	5
53.75°	4	4	4	5	5	5	5	5	5	5	5
52.5°	4	5	5	5	5	5	5	5	6	6	6
51.25°	5	5	5	5	5	6	6	6	6	6	6
50°	5	5	5	6	6	6	6	6	6	6	6
48.75°	5	6	6	6	6	6	6	6	7	7	7
47.5°	6	6	6	6	6	6	7	7	7	7	8
46.25°	6	6	6	6	7	7	7	8	8	8	9
45°	6	6	7	7	7	8	8	9	9	10	11
43.75°	6	7	7	7	8	8	9	10	11	12	13
42.5°	7	7	8	8	9	10	11	12	13	14	17
41.25°	7	8	9	9	10	12	13	14	17	21	25
40°	8	9	10	11	12	14	16	21	25	28	32
38.75°	9	10	11	13	14	19	23	27	32	38	45
37.5°	10	12	13	16	21	25	30	36	43	51	57
36.25°	12	13	17	22	27	32	40	48	55	63	70
35°	14	17	23	28	34	43	51	59	67	75	83



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	17	23	28	35	45	53	62	71	80	88	97
32.5°	23	28	36	45	55	64	74	83	92	102	112
31.25°	28	35	45	55	65	75	85	95	106	117	128
30°	34	45	55	65	76	86	97	109	120	132	144
28.75°	43	53	64	75	86	97	110	122	135	148	161
27.5°	51	62	74	85	97	110	123	136	150	164	177
26.25°	59	71	83	95	109	122	136	151	166	180	198
25°	67	80	92	106	120	135	150	166	181	200	217
23.75°	75	88	102	117	132	148	164	180	200	219	238
22.5°	83	97	112	128	144	161	177	198	217	238	259
21.25°	91	106	122	138	156	173	193	214	235	258	280
20°	99	115	132	149	167	187	209	230	254	277	301
18.75°	107	124	142	160	179	201	224	247	272	297	324
17.5°	115	132	151	170	192	215	238	264	289	317	359
16.25°	123	141	160	180	204	228	254	280	308	345	409
15°	130	149	169	191	216	241	268	295	327	381	468
13.75°	137	157	177	202	226	254	282	311	354	430	537
12.5°	143	164	186	211	237	266	294	328	387	485	607
11.25°	150	170	194	220	248	277	307	350	428	542	674
10°	155	176	202	228	257	287	319	372	470	598	738
8.75°	160	182	209	236	266	296	334	403	515	650	797
7.5°	164	188	215	243	273	305	349	431	553	697	847
6.25°	168	193	220	249	280	312	362	457	590	739	889
5°	171	197	224	254	285	319	376	483	621	774	925
3.75°	173	200	227	258	289	324	390	503	645	801	950
2.5°	175	202	230	261	292	330	401	518	663	820	969
1.25°	176	204	231	262	294	333	407	527	673	831	980
0°	177	204	232	263	294	334	409	530	677	835	984
-1.25°	176	204	231	262	294	333	407	527	673	831	980
-2.5°	175	202	230	261	292	330	401	518	663	820	969
-3.75°	173	200	227	258	289	324	390	503	645	801	950
-5°	171	197	224	254	285	319	376	483	621	774	925
-6.25°	168	193	220	249	280	312	362	457	590	739	889
-7.5°	164	188	215	243	273	305	349	431	553	697	847
-8.75°	160	182	209	236	266	296	334	403	515	650	797
-10°	155	176	202	228	257	287	319	372	470	598	738
-11.25°	150	170	194	220	248	277	307	350	428	542	674
-12.5°	143	164	186	211	237	266	294	328	387	485	607
-13.75°	137	157	177	202	226	254	282	311	354	430	537
-15°	130	149	169	191	216	241	268	295	327	381	468
-16.25°	123	141	160	180	204	228	254	280	308	345	409
-17.5°	115	132	151	170	192	215	238	264	289	317	359
-18.75°	107	124	142	160	179	201	224	247	272	297	324
-20°	99	115	132	149	167	187	209	230	254	277	301
-21.25°	91	106	122	138	156	173	193	214	235	258	280



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	83	97	112	128	144	161	177	198	217	238	259
-23.75°	75	88	102	117	132	148	164	180	200	219	238
-25°	67	80	92	106	120	135	150	166	181	200	217
-26.25°	59	71	83	95	109	122	136	151	166	180	198
-27.5°	51	62	74	85	97	110	123	136	150	164	177
-28.75°	43	53	64	75	86	97	110	122	135	148	161
-30°	34	45	55	65	76	86	97	109	120	132	144
-31.25°	28	35	45	55	65	75	85	95	106	117	128
-32.5°	23	28	36	45	55	64	74	83	92	102	112
-33.75°	17	23	28	35	45	53	62	71	80	88	97
-35°	14	17	23	28	34	43	51	59	67	75	83
-36.25°	12	13	17	22	27	32	40	48	55	63	70
-37.5°	10	12	13	16	21	25	30	36	43	51	57
-38.75°	9	10	11	13	14	19	23	27	32	38	45
-40°	8	9	10	11	12	14	16	21	25	28	32
-41.25°	7	8	9	9	10	12	13	14	17	21	25
-42.5°	7	7	8	8	9	10	11	12	13	14	17
-43.75°	6	7	7	7	8	8	9	10	11	12	13
-45°	6	6	7	7	7	8	8	9	9	10	11
-46.25°	6	6	6	6	7	7	7	8	8	8	9
-47.5°	6	6	6	6	6	6	7	7	7	7	8
-48.75°	5	6	6	6	6	6	6	6	7	7	7
-50°	5	5	5	6	6	6	6	6	6	6	6
-51.25°	5	5	5	5	5	6	6	6	6	6	6
-52.5°	4	5	5	5	5	5	5	5	6	6	6
-53.75°	4	4	4	5	5	5	5	5	5	5	5
-55°	3	4	4	4	4	5	5	5	5	5	5
-56.25°	3	3	3	4	4	4	4	4	5	5	5
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	2	2	3	3	3	3	3	3	3	4	4
-60°	2	2	2	2	2	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	3	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	3	3
62.5°	2	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	4
60°	3	3	3	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	6
55°	5	5	5	5	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	6	6	6	6	6	6	6	6	7	7	7
51.25°	6	6	6	7	7	7	7	7	7	7	7
50°	7	7	7	7	7	8	8	8	8	8	9
48.75°	7	8	8	8	8	9	9	9	10	10	10
47.5°	8	9	9	9	10	11	11	12	12	13	13
46.25°	9	10	11	12	12	13	14	14	16	17	19
45°	12	13	13	14	16	18	20	22	24	26	27
43.75°	14	16	19	22	24	26	29	31	33	36	38
42.5°	21	24	27	29	32	37	41	44	48	51	53
41.25°	28	31	36	41	46	51	55	59	62	65	68
40°	38	44	50	55	60	65	69	73	77	81	84
38.75°	51	57	63	69	74	79	84	88	92	96	100
37.5°	64	71	77	83	89	94	100	106	111	115	119
36.25°	77	84	91	98	105	112	118	124	129	134	139
35°	91	99	107	115	123	130	137	143	150	155	160



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	106	115	124	132	141	149	157	164	170	176	182
32.5°	122	132	142	151	160	169	177	186	194	202	209
31.25°	138	149	160	170	180	191	202	211	220	228	236
30°	156	167	179	192	204	216	226	237	248	257	266
28.75°	173	187	201	215	228	241	254	266	277	287	296
27.5°	193	209	224	238	254	268	282	294	307	319	334
26.25°	214	230	247	264	280	295	311	328	350	372	403
25°	235	254	272	289	308	327	354	387	428	470	515
23.75°	258	277	297	317	345	381	430	485	542	598	650
22.5°	280	301	324	359	409	468	537	607	674	738	797
21.25°	303	329	367	428	501	580	660	740	814	880	938
20°	329	370	438	521	610	700	790	872	946	1010	1061
18.75°	367	438	527	625	725	824	914	994	1061	1112	1147
17.5°	428	521	625	734	840	939	1027	1093	1142	1176	1205
16.25°	501	610	725	840	947	1042	1112	1159	1197	1229	1260
15°	580	700	824	939	1042	1119	1168	1208	1246	1281	1313
13.75°	660	790	914	1027	1112	1168	1212	1255	1294	1331	1367
12.5°	740	872	994	1093	1159	1208	1255	1299	1341	1382	1418
11.25°	814	946	1061	1142	1197	1246	1294	1341	1387	1428	1470
10°	880	1010	1112	1176	1229	1281	1331	1382	1428	1476	1526
8.75°	938	1061	1147	1205	1260	1313	1367	1418	1470	1526	1579
7.5°	986	1100	1173	1230	1287	1342	1398	1452	1512	1572	1627
6.25°	1028	1131	1194	1252	1310	1368	1424	1484	1550	1612	1668
5°	1057	1149	1211	1271	1330	1390	1449	1515	1582	1645	1701
3.75°	1078	1163	1224	1285	1346	1406	1469	1539	1608	1671	1725
2.5°	1093	1173	1234	1296	1358	1418	1483	1556	1626	1689	1743
1.25°	1102	1179	1240	1302	1365	1426	1493	1567	1637	1700	1754
0°	1105	1181	1242	1304	1367	1428	1497	1570	1641	1704	1757
-1.25°	1102	1179	1240	1302	1365	1426	1493	1567	1637	1700	1754
-2.5°	1093	1173	1234	1296	1358	1418	1483	1556	1626	1689	1743
-3.75°	1078	1163	1224	1285	1346	1406	1469	1539	1608	1671	1725
-5°	1057	1149	1211	1271	1330	1390	1449	1515	1582	1645	1701
-6.25°	1028	1131	1194	1252	1310	1368	1424	1484	1550	1612	1668
-7.5°	986	1100	1173	1230	1287	1342	1398	1452	1512	1572	1627
-8.75°	938	1061	1147	1205	1260	1313	1367	1418	1470	1526	1579
-10°	880	1010	1112	1176	1229	1281	1331	1382	1428	1476	1526
-11.25°	814	946	1061	1142	1197	1246	1294	1341	1387	1428	1470
-12.5°	740	872	994	1093	1159	1208	1255	1299	1341	1382	1418
-13.75°	660	790	914	1027	1112	1168	1212	1255	1294	1331	1367
-15°	580	700	824	939	1042	1119	1168	1208	1246	1281	1313
-16.25°	501	610	725	840	947	1042	1112	1159	1197	1229	1260
-17.5°	428	521	625	734	840	939	1027	1093	1142	1176	1205
-18.75°	367	438	527	625	725	824	914	994	1061	1112	1147
-20°	329	370	438	521	610	700	790	872	946	1010	1061
-21.25°	303	329	367	428	501	580	660	740	814	880	938



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	280	301	324	359	409	468	537	607	674	738	797
-23.75°	258	277	297	317	345	381	430	485	542	598	650
-25°	235	254	272	289	308	327	354	387	428	470	515
-26.25°	214	230	247	264	280	295	311	328	350	372	403
-27.5°	193	209	224	238	254	268	282	294	307	319	334
-28.75°	173	187	201	215	228	241	254	266	277	287	296
-30°	156	167	179	192	204	216	226	237	248	257	266
-31.25°	138	149	160	170	180	191	202	211	220	228	236
-32.5°	122	132	142	151	160	169	177	186	194	202	209
-33.75°	106	115	124	132	141	149	157	164	170	176	182
-35°	91	99	107	115	123	130	137	143	150	155	160
-36.25°	77	84	91	98	105	112	118	124	129	134	139
-37.5°	64	71	77	83	89	94	100	106	111	115	119
-38.75°	51	57	63	69	74	79	84	88	92	96	100
-40°	38	44	50	55	60	65	69	73	77	81	84
-41.25°	28	31	36	41	46	51	55	59	62	65	68
-42.5°	21	24	27	29	32	37	41	44	48	51	53
-43.75°	14	16	19	22	24	26	29	31	33	36	38
-45°	12	13	13	14	16	18	20	22	24	26	27
-46.25°	9	10	11	12	12	13	14	14	16	17	19
-47.5°	8	9	9	9	10	11	11	12	12	13	13
-48.75°	7	8	8	8	8	9	9	9	10	10	10
-50°	7	7	7	7	7	8	8	8	8	8	9
-51.25°	6	6	6	7	7	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	6	7	7	7
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	5	5	5	5	6	6	6	6	6	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	6
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	4	4	5	5	5	5	5	5
-60°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	4
-62.5°	2	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	2	2	2	2	2	2	2	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	5	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	7	7	7	7	7	7	7	7	7	7	7
51.25°	8	8	8	8	8	8	8	8	8	8	8
50°	9	9	9	9	9	9	9	9	9	9	9
48.75°	11	11	11	11	12	12	12	12	12	11	11
47.5°	13	14	14	14	14	14	14	14	14	14	14
46.25°	20	21	22	22	23	23	23	23	23	22	22
45°	28	29	30	31	31	32	32	32	31	31	30
43.75°	41	43	44	45	46	47	47	47	46	45	44
42.5°	55	57	59	60	61	62	62	62	61	60	59
41.25°	71	73	75	76	77	78	78	78	77	76	75
40°	86	88	90	92	93	93	94	93	93	92	90
38.75°	104	107	109	111	112	113	113	113	112	111	109
37.5°	123	126	128	130	132	133	133	133	132	130	128
36.25°	143	147	149	152	153	154	155	154	153	152	149
35°	164	168	171	173	175	176	177	176	175	173	171



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	188	193	197	200	202	204	204	204	202	200	197
32.5°	215	220	224	227	230	231	232	231	230	227	224
31.25°	243	249	254	258	261	262	263	262	261	258	254
30°	273	280	285	289	292	294	294	294	292	289	285
28.75°	305	312	319	324	330	333	334	333	330	324	319
27.5°	349	362	376	390	401	407	409	407	401	390	376
26.25°	431	457	483	503	518	527	530	527	518	503	483
25°	553	590	621	645	663	673	677	673	663	645	621
23.75°	697	739	774	801	820	831	835	831	820	801	774
22.5°	847	889	925	950	969	980	984	980	969	950	925
21.25°	986	1028	1057	1078	1093	1102	1105	1102	1093	1078	1057
20°	1100	1131	1149	1163	1173	1179	1181	1179	1173	1163	1149
18.75°	1173	1194	1211	1224	1234	1240	1242	1240	1234	1224	1211
17.5°	1230	1252	1271	1285	1296	1302	1304	1302	1296	1285	1271
16.25°	1287	1310	1330	1346	1358	1365	1367	1365	1358	1346	1330
15°	1342	1368	1390	1406	1418	1426	1428	1426	1418	1406	1390
13.75°	1398	1424	1449	1469	1483	1493	1497	1493	1483	1469	1449
12.5°	1452	1484	1515	1539	1556	1567	1570	1567	1556	1539	1515
11.25°	1512	1550	1582	1608	1626	1637	1641	1637	1626	1608	1582
10°	1572	1612	1645	1671	1689	1700	1704	1700	1689	1671	1645
8.75°	1627	1668	1701	1725	1743	1754	1757	1754	1743	1725	1701
7.5°	1675	1715	1747	1771	1789	1797	1801	1797	1789	1771	1747
6.25°	1715	1754	1786	1807	1820	1827	1829	1827	1820	1807	1786
5°	1747	1786	1813	1829	1838	1842	1843	1842	1838	1829	1813
3.75°	1771	1807	1829	1840	1844	1845	1845	1845	1844	1840	1829
2.5°	1789	1820	1838	1844	1844	1841	1840	1841	1844	1844	1838
1.25°	1797	1827	1842	1845	1841	1837	1837	1837	1841	1845	1842
0°	1801	1829	1843	1845	1840	1837	1842	1837	1840	1845	1843
-1.25°	1797	1827	1842	1845	1841	1837	1837	1837	1841	1845	1842
-2.5°	1789	1820	1838	1844	1844	1841	1840	1841	1844	1844	1838
-3.75°	1771	1807	1829	1840	1844	1845	1845	1845	1844	1840	1829
-5°	1747	1786	1813	1829	1838	1842	1843	1842	1838	1829	1813
-6.25°	1715	1754	1786	1807	1820	1827	1829	1827	1820	1807	1786
-7.5°	1675	1715	1747	1771	1789	1797	1801	1797	1789	1771	1747
-8.75°	1627	1668	1701	1725	1743	1754	1757	1754	1743	1725	1701
-10°	1572	1612	1645	1671	1689	1700	1704	1700	1689	1671	1645
-11.25°	1512	1550	1582	1608	1626	1637	1641	1637	1626	1608	1582
-12.5°	1452	1484	1515	1539	1556	1567	1570	1567	1556	1539	1515
-13.75°	1398	1424	1449	1469	1483	1493	1497	1493	1483	1469	1449
-15°	1342	1368	1390	1406	1418	1426	1428	1426	1418	1406	1390
-16.25°	1287	1310	1330	1346	1358	1365	1367	1365	1358	1346	1330
-17.5°	1230	1252	1271	1285	1296	1302	1304	1302	1296	1285	1271
-18.75°	1173	1194	1211	1224	1234	1240	1242	1240	1234	1224	1211
-20°	1100	1131	1149	1163	1173	1179	1181	1179	1173	1163	1149
-21.25°	986	1028	1057	1078	1093	1102	1105	1102	1093	1078	1057



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	847	889	925	950	969	980	984	980	969	950	925
-23.75°	697	739	774	801	820	831	835	831	820	801	774
-25°	553	590	621	645	663	673	677	673	663	645	621
-26.25°	431	457	483	503	518	527	530	527	518	503	483
-27.5°	349	362	376	390	401	407	409	407	401	390	376
-28.75°	305	312	319	324	330	333	334	333	330	324	319
-30°	273	280	285	289	292	294	294	294	292	289	285
-31.25°	243	249	254	258	261	262	263	262	261	258	254
-32.5°	215	220	224	227	230	231	232	231	230	227	224
-33.75°	188	193	197	200	202	204	204	204	202	200	197
-35°	164	168	171	173	175	176	177	176	175	173	171
-36.25°	143	147	149	152	153	154	155	154	153	152	149
-37.5°	123	126	128	130	132	133	133	133	132	130	128
-38.75°	104	107	109	111	112	113	113	113	112	111	109
-40°	86	88	90	92	93	93	94	93	93	92	90
-41.25°	71	73	75	76	77	78	78	78	77	76	75
-42.5°	55	57	59	60	61	62	62	62	61	60	59
-43.75°	41	43	44	45	46	47	47	47	46	45	44
-45°	28	29	30	31	31	32	32	32	31	31	30
-46.25°	20	21	22	22	23	23	23	23	23	22	22
-47.5°	13	14	14	14	14	14	14	14	14	14	14
-48.75°	11	11	11	11	12	12	12	12	12	11	11
-50°	9	9	9	9	9	9	9	9	9	9	9
-51.25°	8	8	8	8	8	8	8	8	8	8	8
-52.5°	7	7	7	7	7	7	7	7	7	7	7
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	5	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	2	2	2	2	2	2	2	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
58.75°	5	5	5	5	5	5	5	5	4	4	4
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	6	6	6	5	5	5	5	5	5	5	5
55°	6	6	6	6	6	6	6	6	6	5	5
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	7	7	7	7	7	6	6	6	6	6	6
51.25°	8	8	7	7	7	7	7	7	7	7	6
50°	9	9	9	8	8	8	8	8	7	7	7
48.75°	11	11	10	10	10	9	9	9	8	8	8
47.5°	14	13	13	13	12	12	11	11	10	9	9
46.25°	21	20	19	17	16	14	14	13	12	12	11
45°	29	28	27	26	24	22	20	18	16	14	13
43.75°	43	41	38	36	33	31	29	26	24	22	19
42.5°	57	55	53	51	48	44	41	37	32	29	27
41.25°	73	71	68	65	62	59	55	51	46	41	36
40°	88	86	84	81	77	73	69	65	60	55	50
38.75°	107	104	100	96	92	88	84	79	74	69	63
37.5°	126	123	119	115	111	106	100	94	89	83	77
36.25°	147	143	139	134	129	124	118	112	105	98	91
35°	168	164	160	155	150	143	137	130	123	115	107



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	193	188	182	176	170	164	157	149	141	132	124
32.5°	220	215	209	202	194	186	177	169	160	151	142
31.25°	249	243	236	228	220	211	202	191	180	170	160
30°	280	273	266	257	248	237	226	216	204	192	179
28.75°	312	305	296	287	277	266	254	241	228	215	201
27.5°	362	349	334	319	307	294	282	268	254	238	224
26.25°	457	431	403	372	350	328	311	295	280	264	247
25°	590	553	515	470	428	387	354	327	308	289	272
23.75°	739	697	650	598	542	485	430	381	345	317	297
22.5°	889	847	797	738	674	607	537	468	409	359	324
21.25°	1028	986	938	880	814	740	660	580	501	428	367
20°	1131	1100	1061	1010	946	872	790	700	610	521	438
18.75°	1194	1173	1147	1112	1061	994	914	824	725	625	527
17.5°	1252	1230	1205	1176	1142	1093	1027	939	840	734	625
16.25°	1310	1287	1260	1229	1197	1159	1112	1042	947	840	725
15°	1368	1342	1313	1281	1246	1208	1168	1119	1042	939	824
13.75°	1424	1398	1367	1331	1294	1255	1212	1168	1112	1027	914
12.5°	1484	1452	1418	1382	1341	1299	1255	1208	1159	1093	994
11.25°	1550	1512	1470	1428	1387	1341	1294	1246	1197	1142	1061
10°	1612	1572	1526	1476	1428	1382	1331	1281	1229	1176	1112
8.75°	1668	1627	1579	1526	1470	1418	1367	1313	1260	1205	1147
7.5°	1715	1675	1627	1572	1512	1452	1398	1342	1287	1230	1173
6.25°	1754	1715	1668	1612	1550	1484	1424	1368	1310	1252	1194
5°	1786	1747	1701	1645	1582	1515	1449	1390	1330	1271	1211
3.75°	1807	1771	1725	1671	1608	1539	1469	1406	1346	1285	1224
2.5°	1820	1789	1743	1689	1626	1556	1483	1418	1358	1296	1234
1.25°	1827	1797	1754	1700	1637	1567	1493	1426	1365	1302	1240
0°	1829	1801	1757	1704	1641	1570	1497	1428	1367	1304	1242
-1.25°	1827	1797	1754	1700	1637	1567	1493	1426	1365	1302	1240
-2.5°	1820	1789	1743	1689	1626	1556	1483	1418	1358	1296	1234
-3.75°	1807	1771	1725	1671	1608	1539	1469	1406	1346	1285	1224
-5°	1786	1747	1701	1645	1582	1515	1449	1390	1330	1271	1211
-6.25°	1754	1715	1668	1612	1550	1484	1424	1368	1310	1252	1194
-7.5°	1715	1675	1627	1572	1512	1452	1398	1342	1287	1230	1173
-8.75°	1668	1627	1579	1526	1470	1418	1367	1313	1260	1205	1147
-10°	1612	1572	1526	1476	1428	1382	1331	1281	1229	1176	1112
-11.25°	1550	1512	1470	1428	1387	1341	1294	1246	1197	1142	1061
-12.5°	1484	1452	1418	1382	1341	1299	1255	1208	1159	1093	994
-13.75°	1424	1398	1367	1331	1294	1255	1212	1168	1112	1027	914
-15°	1368	1342	1313	1281	1246	1208	1168	1119	1042	939	824
-16.25°	1310	1287	1260	1229	1197	1159	1112	1042	947	840	725
-17.5°	1252	1230	1205	1176	1142	1093	1027	939	840	734	625
-18.75°	1194	1173	1147	1112	1061	994	914	824	725	625	527
-20°	1131	1100	1061	1010	946	872	790	700	610	521	438
-21.25°	1028	986	938	880	814	740	660	580	501	428	367



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	889	847	797	738	674	607	537	468	409	359	324
-23.75°	739	697	650	598	542	485	430	381	345	317	297
-25°	590	553	515	470	428	387	354	327	308	289	272
-26.25°	457	431	403	372	350	328	311	295	280	264	247
-27.5°	362	349	334	319	307	294	282	268	254	238	224
-28.75°	312	305	296	287	277	266	254	241	228	215	201
-30°	280	273	266	257	248	237	226	216	204	192	179
-31.25°	249	243	236	228	220	211	202	191	180	170	160
-32.5°	220	215	209	202	194	186	177	169	160	151	142
-33.75°	193	188	182	176	170	164	157	149	141	132	124
-35°	168	164	160	155	150	143	137	130	123	115	107
-36.25°	147	143	139	134	129	124	118	112	105	98	91
-37.5°	126	123	119	115	111	106	100	94	89	83	77
-38.75°	107	104	100	96	92	88	84	79	74	69	63
-40°	88	86	84	81	77	73	69	65	60	55	50
-41.25°	73	71	68	65	62	59	55	51	46	41	36
-42.5°	57	55	53	51	48	44	41	37	32	29	27
-43.75°	43	41	38	36	33	31	29	26	24	22	19
-45°	29	28	27	26	24	22	20	18	16	14	13
-46.25°	21	20	19	17	16	14	14	13	12	12	11
-47.5°	14	13	13	13	12	12	11	11	10	9	9
-48.75°	11	11	10	10	10	9	9	9	8	8	8
-50°	9	9	9	8	8	8	8	8	7	7	7
-51.25°	8	8	7	7	7	7	7	7	7	7	6
-52.5°	7	7	7	7	7	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	6	6	6	6	6	6	6	6	6	5	5
-56.25°	6	6	6	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	3
-61.25°	4	4	4	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	0	0	0	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	1
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	3	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	2	2	2
58.75°	4	4	4	4	3	3	3	3	3	3	3
57.5°	5	5	4	4	4	4	4	3	3	3	3
56.25°	5	5	5	5	5	4	4	4	4	4	3
55°	5	5	5	5	5	5	5	5	4	4	4
53.75°	6	6	5	5	5	5	5	5	5	5	4
52.5°	6	6	6	6	6	5	5	5	5	5	5
51.25°	6	6	6	6	6	6	6	6	5	5	5
50°	7	7	6	6	6	6	6	6	6	6	5
48.75°	8	7	7	7	7	6	6	6	6	6	6
47.5°	9	8	8	7	7	7	7	6	6	6	6
46.25°	10	9	9	8	8	8	7	7	7	6	6
45°	13	12	11	10	9	9	8	8	7	7	7
43.75°	16	14	13	12	11	10	9	8	8	7	7
42.5°	24	21	17	14	13	12	11	10	9	8	8
41.25°	31	28	25	21	17	14	13	12	10	9	9
40°	44	38	32	28	25	21	16	14	12	11	10
38.75°	57	51	45	38	32	27	23	19	14	13	11
37.5°	71	64	57	51	43	36	30	25	21	16	13
36.25°	84	77	70	63	55	48	40	32	27	22	17
35°	99	91	83	75	67	59	51	43	34	28	23



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	115	106	97	88	80	71	62	53	45	35	28
32.5°	132	122	112	102	92	83	74	64	55	45	36
31.25°	149	138	128	117	106	95	85	75	65	55	45
30°	167	156	144	132	120	109	97	86	76	65	55
28.75°	187	173	161	148	135	122	110	97	86	75	64
27.5°	209	193	177	164	150	136	123	110	97	85	74
26.25°	230	214	198	180	166	151	136	122	109	95	83
25°	254	235	217	200	181	166	150	135	120	106	92
23.75°	277	258	238	219	200	180	164	148	132	117	102
22.5°	301	280	259	238	217	198	177	161	144	128	112
21.25°	329	303	280	258	235	214	193	173	156	138	122
20°	370	329	301	277	254	230	209	187	167	149	132
18.75°	438	367	324	297	272	247	224	201	179	160	142
17.5°	521	428	359	317	289	264	238	215	192	170	151
16.25°	610	501	409	345	308	280	254	228	204	180	160
15°	700	580	468	381	327	295	268	241	216	191	169
13.75°	790	660	537	430	354	311	282	254	226	202	177
12.5°	872	740	607	485	387	328	294	266	237	211	186
11.25°	946	814	674	542	428	350	307	277	248	220	194
10°	1010	880	738	598	470	372	319	287	257	228	202
8.75°	1061	938	797	650	515	403	334	296	266	236	209
7.5°	1100	986	847	697	553	431	349	305	273	243	215
6.25°	1131	1028	889	739	590	457	362	312	280	249	220
5°	1149	1057	925	774	621	483	376	319	285	254	224
3.75°	1163	1078	950	801	645	503	390	324	289	258	227
2.5°	1173	1093	969	820	663	518	401	330	292	261	230
1.25°	1179	1102	980	831	673	527	407	333	294	262	231
0°	1181	1105	984	835	677	530	409	334	294	263	232
-1.25°	1179	1102	980	831	673	527	407	333	294	262	231
-2.5°	1173	1093	969	820	663	518	401	330	292	261	230
-3.75°	1163	1078	950	801	645	503	390	324	289	258	227
-5°	1149	1057	925	774	621	483	376	319	285	254	224
-6.25°	1131	1028	889	739	590	457	362	312	280	249	220
-7.5°	1100	986	847	697	553	431	349	305	273	243	215
-8.75°	1061	938	797	650	515	403	334	296	266	236	209
-10°	1010	880	738	598	470	372	319	287	257	228	202
-11.25°	946	814	674	542	428	350	307	277	248	220	194
-12.5°	872	740	607	485	387	328	294	266	237	211	186
-13.75°	790	660	537	430	354	311	282	254	226	202	177
-15°	700	580	468	381	327	295	268	241	216	191	169
-16.25°	610	501	409	345	308	280	254	228	204	180	160
-17.5°	521	428	359	317	289	264	238	215	192	170	151
-18.75°	438	367	324	297	272	247	224	201	179	160	142
-20°	370	329	301	277	254	230	209	187	167	149	132
-21.25°	329	303	280	258	235	214	193	173	156	138	122



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	301	280	259	238	217	198	177	161	144	128	112
-23.75°	277	258	238	219	200	180	164	148	132	117	102
-25°	254	235	217	200	181	166	150	135	120	106	92
-26.25°	230	214	198	180	166	151	136	122	109	95	83
-27.5°	209	193	177	164	150	136	123	110	97	85	74
-28.75°	187	173	161	148	135	122	110	97	86	75	64
-30°	167	156	144	132	120	109	97	86	76	65	55
-31.25°	149	138	128	117	106	95	85	75	65	55	45
-32.5°	132	122	112	102	92	83	74	64	55	45	36
-33.75°	115	106	97	88	80	71	62	53	45	35	28
-35°	99	91	83	75	67	59	51	43	34	28	23
-36.25°	84	77	70	63	55	48	40	32	27	22	17
-37.5°	71	64	57	51	43	36	30	25	21	16	13
-38.75°	57	51	45	38	32	27	23	19	14	13	11
-40°	44	38	32	28	25	21	16	14	12	11	10
-41.25°	31	28	25	21	17	14	13	12	10	9	9
-42.5°	24	21	17	14	13	12	11	10	9	8	8
-43.75°	16	14	13	12	11	10	9	8	8	7	7
-45°	13	12	11	10	9	9	8	8	7	7	7
-46.25°	10	9	9	8	8	8	7	7	7	6	6
-47.5°	9	8	8	7	7	7	7	6	6	6	6
-48.75°	8	7	7	7	7	6	6	6	6	6	6
-50°	7	7	6	6	6	6	6	6	6	6	5
-51.25°	6	6	6	6	6	6	6	6	5	5	5
-52.5°	6	6	6	6	6	5	5	5	5	5	5
-53.75°	6	6	5	5	5	5	5	5	5	5	4
-55°	5	5	5	5	5	5	5	5	4	4	4
-56.25°	5	5	5	5	5	4	4	4	4	4	3
-57.5°	5	5	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	2	2	2
-61.25°	3	3	3	3	3	2	2	2	2	2	2
-62.5°	3	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	0	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	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	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	2	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	3	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	2	2	2	2	2	2	2
55°	4	3	3	3	3	3	2	2	2	2	2
53.75°	4	4	4	3	3	3	3	3	2	2	2
52.5°	5	4	4	4	4	3	3	3	3	2	2
51.25°	5	5	5	4	4	4	3	3	3	3	2
50°	5	5	5	5	5	4	4	3	3	3	3
48.75°	6	5	5	5	5	5	4	4	4	3	3
47.5°	6	6	5	5	5	5	5	4	4	4	3
46.25°	6	6	6	6	5	5	5	5	4	4	4
45°	6	6	6	6	6	5	5	5	5	5	4
43.75°	7	6	6	6	6	6	5	5	5	5	4
42.5°	7	7	6	6	6	6	6	5	5	5	5
41.25°	8	7	7	7	6	6	6	6	5	5	5
40°	9	8	7	7	7	6	6	6	6	5	5
38.75°	10	9	8	7	7	7	6	6	6	6	5
37.5°	12	10	9	8	7	7	7	6	6	6	6
36.25°	13	12	10	9	8	7	7	6	6	6	6
35°	17	14	12	10	9	8	7	7	6	6	6



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	23	17	13	12	10	9	8	7	7	6	6
32.5°	28	23	17	13	11	10	9	8	7	7	6
31.25°	35	28	22	16	13	11	9	8	7	7	6
30°	45	34	27	21	14	12	10	9	8	7	7
28.75°	53	43	32	25	19	14	12	10	8	8	7
27.5°	62	51	40	30	23	16	13	11	9	8	7
26.25°	71	59	48	36	27	21	14	12	10	9	8
25°	80	67	55	43	32	25	17	13	11	9	8
23.75°	88	75	63	51	38	28	21	14	12	10	8
22.5°	97	83	70	57	45	32	25	17	13	11	9
21.25°	106	91	77	64	51	38	28	21	14	12	9
20°	115	99	84	71	57	44	31	24	16	13	10
18.75°	124	107	91	77	63	50	36	27	19	13	11
17.5°	132	115	98	83	69	55	41	29	22	14	12
16.25°	141	123	105	89	74	60	46	32	24	16	12
15°	149	130	112	94	79	65	51	37	26	18	13
13.75°	157	137	118	100	84	69	55	41	29	20	14
12.5°	164	143	124	106	88	73	59	44	31	22	14
11.25°	170	150	129	111	92	77	62	48	33	24	16
10°	176	155	134	115	96	81	65	51	36	26	17
8.75°	182	160	139	119	100	84	68	53	38	27	19
7.5°	188	164	143	123	104	86	71	55	41	28	20
6.25°	193	168	147	126	107	88	73	57	43	29	21
5°	197	171	149	128	109	90	75	59	44	30	22
3.75°	200	173	152	130	111	92	76	60	45	31	22
2.5°	202	175	153	132	112	93	77	61	46	31	23
1.25°	204	176	154	133	113	93	78	62	47	32	23
0°	204	177	155	133	113	94	78	62	47	32	23
-1.25°	204	176	154	133	113	93	78	62	47	32	23
-2.5°	202	175	153	132	112	93	77	61	46	31	23
-3.75°	200	173	152	130	111	92	76	60	45	31	22
-5°	197	171	149	128	109	90	75	59	44	30	22
-6.25°	193	168	147	126	107	88	73	57	43	29	21
-7.5°	188	164	143	123	104	86	71	55	41	28	20
-8.75°	182	160	139	119	100	84	68	53	38	27	19
-10°	176	155	134	115	96	81	65	51	36	26	17
-11.25°	170	150	129	111	92	77	62	48	33	24	16
-12.5°	164	143	124	106	88	73	59	44	31	22	14
-13.75°	157	137	118	100	84	69	55	41	29	20	14
-15°	149	130	112	94	79	65	51	37	26	18	13
-16.25°	141	123	105	89	74	60	46	32	24	16	12
-17.5°	132	115	98	83	69	55	41	29	22	14	12
-18.75°	124	107	91	77	63	50	36	27	19	13	11
-20°	115	99	84	71	57	44	31	24	16	13	10
-21.25°	106	91	77	64	51	38	28	21	14	12	9



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	97	83	70	57	45	32	25	17	13	11	9
-23.75°	88	75	63	51	38	28	21	14	12	10	8
-25°	80	67	55	43	32	25	17	13	11	9	8
-26.25°	71	59	48	36	27	21	14	12	10	9	8
-27.5°	62	51	40	30	23	16	13	11	9	8	7
-28.75°	53	43	32	25	19	14	12	10	8	8	7
-30°	45	34	27	21	14	12	10	9	8	7	7
-31.25°	35	28	22	16	13	11	9	8	7	7	6
-32.5°	28	23	17	13	11	10	9	8	7	7	6
-33.75°	23	17	13	12	10	9	8	7	7	6	6
-35°	17	14	12	10	9	8	7	7	6	6	6
-36.25°	13	12	10	9	8	7	7	6	6	6	6
-37.5°	12	10	9	8	7	7	7	6	6	6	6
-38.75°	10	9	8	7	7	7	6	6	6	6	5
-40°	9	8	7	7	7	6	6	6	6	5	5
-41.25°	8	7	7	7	6	6	6	6	5	5	5
-42.5°	7	7	6	6	6	6	6	5	5	5	5
-43.75°	7	6	6	6	6	6	5	5	5	5	4
-45°	6	6	6	6	6	5	5	5	5	5	4
-46.25°	6	6	6	6	5	5	5	5	4	4	4
-47.5°	6	6	5	5	5	5	5	4	4	4	3
-48.75°	6	5	5	5	5	5	4	4	4	3	3
-50°	5	5	5	5	5	4	4	3	3	3	3
-51.25°	5	5	5	4	4	4	3	3	3	3	2
-52.5°	5	4	4	4	4	3	3	3	3	2	2
-53.75°	4	4	4	3	3	3	3	3	2	2	2
-55°	4	3	3	3	3	3	2	2	2	2	2
-56.25°	3	3	3	3	2	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	2	2	1
-60°	2	2	2	2	2	2	2	2	2	1	1
-61.25°	2	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	2	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	0	0
-75°	1	1	1	1	1	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	6	6	5	5	5	4	4	3	3	2	2
32.5°	6	6	5	5	5	4	4	3	3	3	2
31.25°	6	6	6	5	5	5	4	4	3	3	2
30°	6	6	6	5	5	5	4	4	3	3	2
28.75°	6	6	6	6	5	5	5	4	3	3	3
27.5°	7	6	6	6	5	5	5	4	4	3	3
26.25°	7	6	6	6	5	5	5	4	4	3	3
25°	7	7	6	6	6	5	5	5	4	3	3
23.75°	7	7	6	6	6	5	5	5	4	4	3
22.5°	8	7	6	6	6	5	5	5	4	4	3
21.25°	8	7	7	6	6	6	5	5	5	4	3
20°	9	8	7	6	6	6	5	5	5	4	3
18.75°	9	8	7	6	6	6	5	5	5	4	3
17.5°	9	8	7	7	6	6	5	5	5	4	4
16.25°	10	8	7	7	6	6	6	5	5	4	4
15°	11	9	8	7	6	6	6	5	5	5	4
13.75°	11	9	8	7	6	6	6	5	5	5	4
12.5°	12	9	8	7	6	6	6	5	5	5	4
11.25°	12	10	8	7	7	6	6	5	5	5	4
10°	13	10	8	7	7	6	6	5	5	5	4
8.75°	13	10	9	7	7	6	6	6	5	5	4
7.5°	13	11	9	8	7	6	6	6	5	5	4
6.25°	14	11	9	8	7	6	6	6	5	5	4
5°	14	11	9	8	7	6	6	6	5	5	4
3.75°	14	11	9	8	7	6	6	6	5	5	4
2.5°	14	12	9	8	7	6	6	6	5	5	4
1.25°	14	12	9	8	7	6	6	6	5	5	4
0°	14	12	9	8	7	6	6	6	5	5	5
-1.25°	14	12	9	8	7	6	6	6	5	5	4
-2.5°	14	12	9	8	7	6	6	6	5	5	4
-3.75°	14	11	9	8	7	6	6	6	5	5	4
-5°	14	11	9	8	7	6	6	6	5	5	4
-6.25°	14	11	9	8	7	6	6	6	5	5	4
-7.5°	13	11	9	8	7	6	6	6	5	5	4
-8.75°	13	10	9	7	7	6	6	6	5	5	4
-10°	13	10	8	7	7	6	6	5	5	5	4
-11.25°	12	10	8	7	7	6	6	5	5	5	4
-12.5°	12	9	8	7	6	6	6	5	5	5	4
-13.75°	11	9	8	7	6	6	6	5	5	5	4
-15°	11	9	8	7	6	6	6	5	5	5	4
-16.25°	10	8	7	7	6	6	6	5	5	4	4
-17.5°	9	8	7	7	6	6	5	5	5	4	4
-18.75°	9	8	7	6	6	6	5	5	5	4	3
-20°	9	8	7	6	6	6	5	5	5	4	3
-21.25°	8	7	7	6	6	6	5	5	5	4	3



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	8	7	6	6	6	5	5	5	4	4	3
-23.75°	7	7	6	6	6	5	5	5	4	4	3
-25°	7	7	6	6	6	5	5	5	4	3	3
-26.25°	7	6	6	6	5	5	5	4	4	3	3
-27.5°	7	6	6	6	5	5	5	4	4	3	3
-28.75°	6	6	6	6	5	5	5	4	3	3	3
-30°	6	6	6	5	5	5	4	4	3	3	2
-31.25°	6	6	6	5	5	5	4	4	3	3	2
-32.5°	6	6	5	5	5	4	4	3	3	3	2
-33.75°	6	6	5	5	5	4	4	3	3	2	2
-35°	6	5	5	5	4	4	3	3	3	2	2
-36.25°	5	5	5	5	4	4	3	3	2	2	2
-37.5°	5	5	5	4	4	3	3	3	2	2	2
-38.75°	5	5	5	4	4	3	3	2	2	2	2
-40°	5	5	4	4	3	3	3	2	2	2	2
-41.25°	5	4	4	3	3	3	2	2	2	2	2
-42.5°	4	4	3	3	3	3	2	2	2	2	2
-43.75°	4	4	3	3	3	2	2	2	2	2	2
-45°	4	3	3	3	2	2	2	2	2	2	1
-46.25°	3	3	3	2	2	2	2	2	2	1	1
-47.5°	3	3	3	2	2	2	2	2	2	1	1
-48.75°	3	3	2	2	2	2	2	2	1	1	1
-50°	3	2	2	2	2	2	2	1	1	1	1
-51.25°	2	2	2	2	2	2	1	1	1	1	1
-52.5°	2	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	0	0
-68.75°	1	1	1	1	1	1	1	1	0	0	0
-70°	1	1	1	1	1	1	0	0	0	0	0
-71.25°	1	1	1	1	0	0	0	0	0	0	0
-72.5°	1	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	3	2	2	2	2	1	1	1	1	1	1
-23.75°	3	2	2	2	2	1	1	1	1	1	1
-25°	3	2	2	2	2	1	1	1	1	1	1
-26.25°	2	2	2	2	2	1	1	1	1	1	1
-27.5°	2	2	2	2	1	1	1	1	1	1	1
-28.75°	2	2	2	2	1	1	1	1	1	1	1
-30°	2	2	2	2	1	1	1	1	1	1	1
-31.25°	2	2	2	2	1	1	1	1	1	1	1
-32.5°	2	2	2	1	1	1	1	1	1	1	1
-33.75°	2	2	2	1	1	1	1	1	1	1	1
-35°	2	2	2	1	1	1	1	1	1	1	1
-36.25°	2	2	1	1	1	1	1	1	1	1	1
-37.5°	2	2	1	1	1	1	1	1	1	1	1
-38.75°	2	1	1	1	1	1	1	1	1	1	1
-40°	2	1	1	1	1	1	1	1	1	1	1
-41.25°	2	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	0
-46.25°	1	1	1	1	1	1	1	1	1	1	0
-47.5°	1	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	1	0	0
-51.25°	1	1	1	1	1	1	1	1	1	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	1	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	1	0	0	0	0	0	0
-61.25°	1	1	1	1	0	0	0	0	0	0	0
-62.5°	1	1	1	0	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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°	1	0	0	0	0	0	0	0	0	0	0
37.5°	1	0	0	0	0	0	0	0	0	0	0
36.25°	1	0	0	0	0	0	0	0	0	0	0
35°	1	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	0	0	0	0	0	0	0	0	0
-23.75°	1	1	0	0	0	0	0	0	0	0	0
-25°	1	1	0	0	0	0	0	0	0	0	0
-26.25°	1	1	0	0	0	0	0	0	0	0	0
-27.5°	1	1	0	0	0	0	0	0	0	0	0
-28.75°	1	1	0	0	0	0	0	0	0	0	0
-30°	1	1	0	0	0	0	0	0	0	0	0
-31.25°	1	1	0	0	0	0	0	0	0	0	0
-32.5°	1	1	0	0	0	0	0	0	0	0	0
-33.75°	1	0	0	0	0	0	0	0	0	0	0
-35°	1	0	0	0	0	0	0	0	0	0	0
-36.25°	1	0	0	0	0	0	0	0	0	0	0
-37.5°	1	0	0	0	0	0	0	0	0	0	0
-38.75°	1	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: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220561 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)