

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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

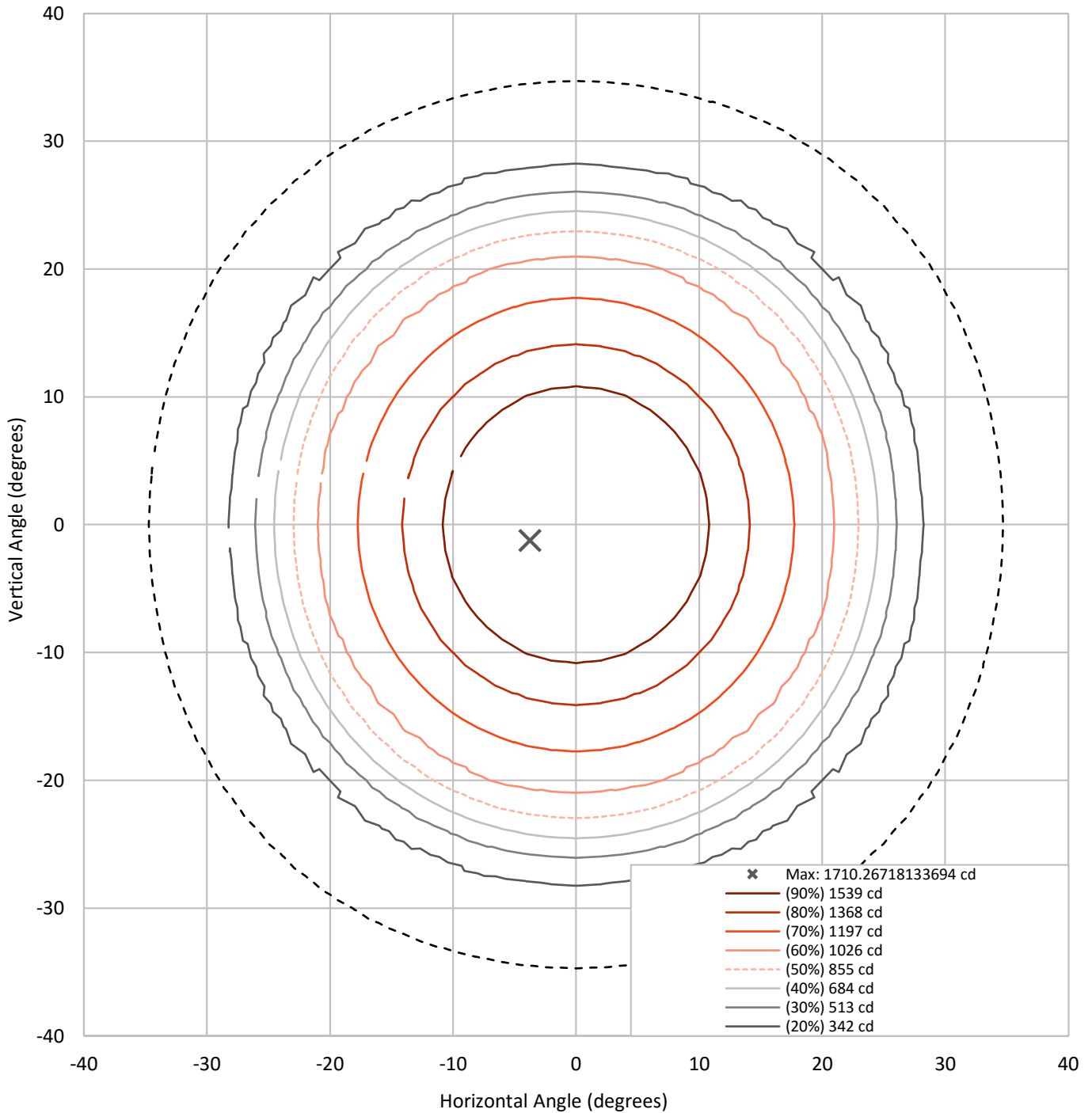
Test Method: LM-79-08
Report Number: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	956.3 lumens	Max Intensity:	1710.3 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	47.6 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:	646.5 lumens	Field Lumens:	876.2 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]-LED2797-W-BK-L2-UNV

Iso-Candela Plot





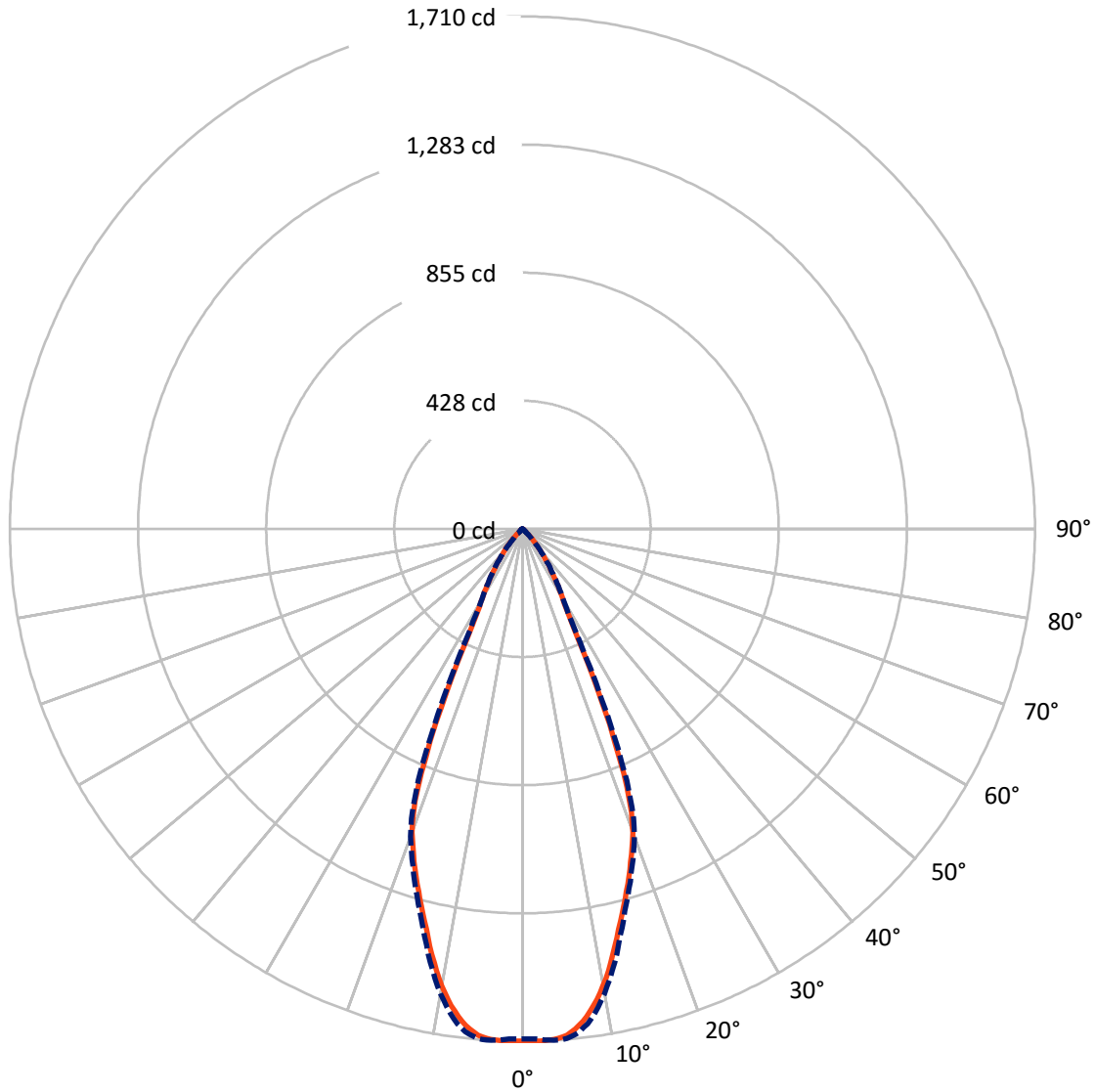
REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	
50	0.0	0.0	0.0	0.1	0.1	0.3	0.7	1.1	1.1	0.7	0.3	0.1	0.1	0.0	0.0
40		0.0	0.1	0.1	0.4	1.8	3.6	4.9	4.9	3.6	1.8	0.4	0.1	0.1	0.0
30	0.0	0.0	0.1	0.2	1.6	4.8	10.5	18.1	18.1	10.5	4.8	1.6	0.2	0.1	0.0
20		0.0	0.1	0.5	3.1	9.9	28.3	38.8	38.8	28.3	9.9	3.1	0.5	0.1	0.0
10	0.0	0.0	0.1	0.8	4.1	16.7	37.6	49.5	49.5	37.6	16.7	4.1	0.8	0.1	0.0
0		0.0	0.1	0.8	4.1	16.7	37.6	49.5	49.5	37.6	16.7	4.1	0.8	0.1	0.0
-10	0.0	0.0	0.1	0.5	3.1	9.9	28.3	38.8	38.8	28.3	9.9	3.1	0.5	0.1	0.0
-20		0.0	0.1	0.2	1.6	4.8	10.5	18.1	18.1	10.5	4.8	1.6	0.2	0.1	0.0
-30	0.0	0.0	0.1	0.1	0.4	1.8	3.6	4.9	4.9	3.6	1.8	0.4	0.1	0.1	0.0
-40		0.0	0.0	0.1	0.1	0.3	0.7	1.1	1.1	0.7	0.3	0.1	0.1	0.0	0.0
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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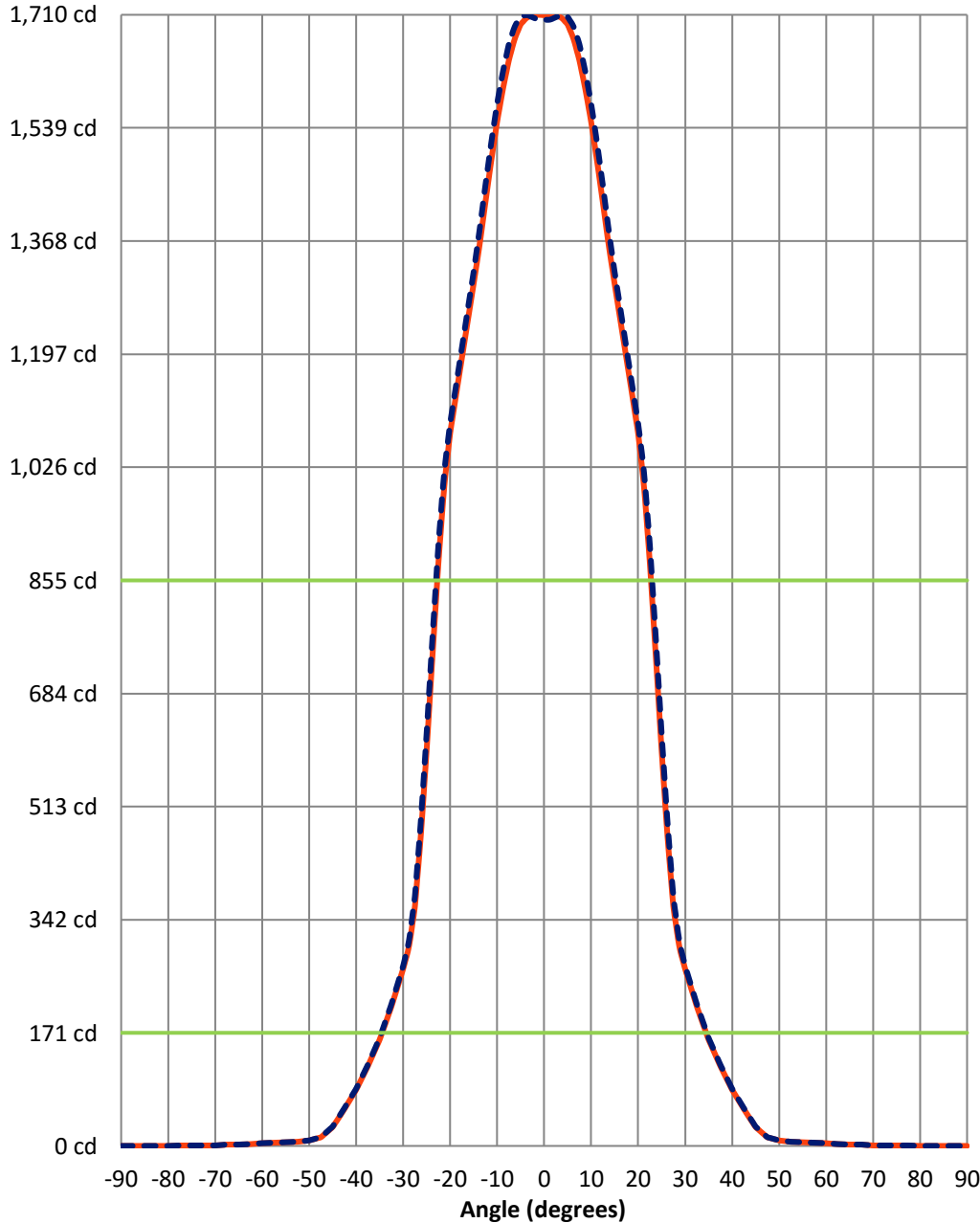
Luminous Intensity Polar Plot



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

REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 646.5
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 876.2
 Efficiency: 91.6%

Spill:
 Lumens: 80
 Efficiency: 8.4%

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



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	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	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	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	0
61.25°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	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	0	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
51.25°	0	0	0	0	0	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	0	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	0	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	0	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	1



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	0	1	1	1	1	1	1	1	1	1	2
31.25°	0	1	1	1	1	1	1	1	1	1	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	1	2	2
25°	1	1	1	1	1	1	1	1	1	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	1	2	2	2
17.5°	1	1	1	1	1	1	1	1	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	2
8.75°	1	1	1	1	1	1	1	2	2	2	2
7.5°	1	1	1	1	1	1	1	2	2	2	2
6.25°	1	1	1	1	1	1	1	2	2	2	2
5°	1	1	1	1	1	1	1	2	2	2	2
3.75°	1	1	1	1	1	1	1	2	2	2	2
2.5°	1	1	1	1	1	1	1	2	2	2	2
1.25°	1	1	1	1	1	1	1	2	2	2	2
0°	1	1	1	1	1	1	1	2	2	2	2
-1.25°	1	1	1	1	1	1	1	2	2	2	2
-2.5°	1	1	1	1	1	1	1	2	2	2	2
-3.75°	1	1	1	1	1	1	1	2	2	2	2
-5°	1	1	1	1	1	1	1	2	2	2	2
-6.25°	1	1	1	1	1	1	1	2	2	2	2
-7.5°	1	1	1	1	1	1	1	2	2	2	2
-8.75°	1	1	1	1	1	1	1	2	2	2	2
-10°	1	1	1	1	1	1	1	2	2	2	2
-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	1	2	2	2
-18.75°	1	1	1	1	1	1	1	1	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	1	2	2
-26.25°	1	1	1	1	1	1	1	1	1	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°	0	1	1	1	1	1	1	1	1	1	2
-32.5°	0	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	1
-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	0	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	0	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	0	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	0	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	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	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	0	1	1
-61.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	0	1
70°	0	0	0	0	0	0	0	0	1	1	1
68.75°	0	0	0	0	0	0	1	1	1	1	1
67.5°	0	0	0	0	1	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	0	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	1	2	2	2	2	2	2
46.25°	1	1	1	1	2	2	2	2	2	2	2
45°	1	1	1	2	2	2	2	2	2	2	3
43.75°	1	1	1	2	2	2	2	2	2	3	3
42.5°	1	1	2	2	2	2	2	2	3	3	3
41.25°	1	1	2	2	2	2	2	2	3	3	4
40°	1	2	2	2	2	2	2	3	3	3	4
38.75°	1	2	2	2	2	2	3	3	3	4	4
37.5°	2	2	2	2	2	2	3	3	4	4	4
36.25°	2	2	2	2	2	3	3	3	4	4	5
35°	2	2	2	2	2	3	3	4	4	4	5



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	3	4	4	5	5
32.5°	2	2	2	2	3	3	4	4	4	5	5
31.25°	2	2	2	2	3	3	4	4	5	5	5
30°	2	2	2	3	3	4	4	4	5	5	5
28.75°	2	2	2	3	3	4	4	5	5	5	5
27.5°	2	2	2	3	3	4	4	5	5	5	6
26.25°	2	2	3	3	4	4	4	5	5	5	6
25°	2	2	3	3	4	4	5	5	5	5	6
23.75°	2	2	3	3	4	4	5	5	5	6	6
22.5°	2	2	3	3	4	4	5	5	5	6	6
21.25°	2	3	3	4	4	5	5	5	5	6	6
20°	2	3	3	4	4	5	5	5	6	6	6
18.75°	2	3	3	4	4	5	5	5	6	6	6
17.5°	2	3	3	4	4	5	5	5	6	6	7
16.25°	2	3	3	4	4	5	5	5	6	6	7
15°	3	3	4	4	5	5	5	6	6	6	7
13.75°	3	3	4	4	5	5	5	6	6	6	7
12.5°	3	3	4	4	5	5	5	6	6	6	7
11.25°	3	3	4	4	5	5	5	6	6	7	8
10°	3	3	4	4	5	5	5	6	6	7	8
8.75°	3	3	4	4	5	5	5	6	6	7	8
7.5°	3	3	4	4	5	5	6	6	6	7	8
6.25°	3	3	4	4	5	5	6	6	6	7	8
5°	3	3	4	5	5	5	6	6	6	7	8
3.75°	3	3	4	5	5	5	6	6	6	7	8
2.5°	3	3	4	5	5	5	6	6	6	7	8
1.25°	3	3	4	5	5	5	6	6	6	7	8
0°	3	4	4	5	5	5	6	6	6	7	8
-1.25°	3	3	4	5	5	5	6	6	6	7	8
-2.5°	3	3	4	5	5	5	6	6	6	7	8
-3.75°	3	3	4	5	5	5	6	6	6	7	8
-5°	3	3	4	5	5	5	6	6	6	7	8
-6.25°	3	3	4	4	5	5	6	6	6	7	8
-7.5°	3	3	4	4	5	5	6	6	6	7	8
-8.75°	3	3	4	4	5	5	5	6	6	7	8
-10°	3	3	4	4	5	5	5	6	6	7	8
-11.25°	3	3	4	4	5	5	5	6	6	7	8
-12.5°	3	3	4	4	5	5	5	6	6	6	7
-13.75°	3	3	4	4	5	5	5	6	6	6	7
-15°	3	3	4	4	5	5	5	6	6	6	7
-16.25°	2	3	3	4	4	5	5	5	6	6	7
-17.5°	2	3	3	4	4	5	5	5	6	6	7
-18.75°	2	3	3	4	4	5	5	5	6	6	6
-20°	2	3	3	4	4	5	5	5	6	6	6
-21.25°	2	3	3	4	4	5	5	5	5	6	6



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	2	3	3	4	4	5	5	5	6	6
-23.75°	2	2	3	3	4	4	5	5	5	6	6
-25°	2	2	3	3	4	4	5	5	5	5	6
-26.25°	2	2	3	3	4	4	4	5	5	5	6
-27.5°	2	2	2	3	3	4	4	5	5	5	6
-28.75°	2	2	2	3	3	4	4	5	5	5	5
-30°	2	2	2	3	3	4	4	4	5	5	5
-31.25°	2	2	2	2	3	3	4	4	5	5	5
-32.5°	2	2	2	2	3	3	4	4	4	5	5
-33.75°	2	2	2	2	3	3	3	4	4	5	5
-35°	2	2	2	2	2	3	3	4	4	4	5
-36.25°	2	2	2	2	2	3	3	3	4	4	5
-37.5°	2	2	2	2	2	2	3	3	4	4	4
-38.75°	1	2	2	2	2	2	3	3	3	4	4
-40°	1	2	2	2	2	2	2	3	3	3	4
-41.25°	1	1	2	2	2	2	2	2	3	3	4
-42.5°	1	1	2	2	2	2	2	2	3	3	3
-43.75°	1	1	1	2	2	2	2	2	2	3	3
-45°	1	1	1	2	2	2	2	2	2	2	3
-46.25°	1	1	1	1	2	2	2	2	2	2	2
-47.5°	1	1	1	1	1	2	2	2	2	2	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	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	0	1	1	1	1	1
-70°	0	0	0	0	0	0	0	0	1	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	0	1	1
73.75°	0	0	0	0	0	1	1	1	1	1	1
72.5°	0	0	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	1	2	2	2	2
60°	1	1	1	1	1	2	2	2	2	2	2
58.75°	1	1	1	2	2	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	2	2	3
55°	2	2	2	2	2	2	2	2	3	3	3
53.75°	2	2	2	2	2	2	2	3	3	3	3
52.5°	2	2	2	2	2	3	3	3	3	4	4
51.25°	2	2	2	2	3	3	3	3	4	4	4
50°	2	2	2	3	3	3	4	4	4	4	5
48.75°	2	3	3	3	3	4	4	4	4	5	5
47.5°	3	3	3	3	4	4	4	5	5	5	5
46.25°	3	3	3	4	4	4	5	5	5	5	5
45°	3	3	4	4	4	5	5	5	5	5	6
43.75°	3	4	4	4	5	5	5	5	5	6	6
42.5°	4	4	4	5	5	5	5	5	6	6	6
41.25°	4	4	5	5	5	5	5	6	6	6	6
40°	4	5	5	5	5	5	6	6	6	6	7
38.75°	4	5	5	5	5	6	6	6	6	7	8
37.5°	5	5	5	5	6	6	6	6	7	8	8
36.25°	5	5	5	6	6	6	6	7	8	8	10
35°	5	5	5	6	6	6	7	7	8	9	11



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	5	5	6	6	6	7	7	8	9	11	13
32.5°	5	6	6	6	6	7	8	9	11	12	16
31.25°	5	6	6	6	7	8	8	10	12	15	20
30°	6	6	6	7	7	8	10	11	13	19	25
28.75°	6	6	6	7	8	9	11	13	17	23	29
27.5°	6	6	7	7	8	10	12	15	21	28	37
26.25°	6	6	7	8	9	11	13	19	25	33	44
25°	6	7	7	8	10	12	16	23	29	40	51
23.75°	6	7	8	9	11	13	20	26	36	47	58
22.5°	6	7	8	10	12	16	23	30	42	53	65
21.25°	7	8	9	11	13	19	26	36	48	59	72
20°	7	8	9	12	15	22	29	41	53	66	78
18.75°	7	8	10	12	18	25	34	46	59	71	84
17.5°	8	9	11	13	20	27	38	51	64	77	91
16.25°	8	9	12	15	22	30	43	56	69	82	97
15°	8	10	12	17	25	34	47	60	74	87	104
13.75°	8	10	13	19	27	38	51	64	78	93	110
12.5°	9	11	13	21	28	41	54	68	82	98	115
11.25°	9	11	15	22	31	44	57	71	86	103	120
10°	9	12	16	24	33	47	60	75	89	107	124
8.75°	10	12	17	25	36	49	63	77	93	111	129
7.5°	10	12	18	26	38	51	65	80	96	114	133
6.25°	10	13	19	27	39	53	67	82	99	117	136
5°	10	13	20	28	41	55	69	84	101	119	139
3.75°	11	13	21	29	42	56	70	85	103	121	141
2.5°	11	13	21	29	43	57	71	86	104	122	142
1.25°	11	13	21	29	43	57	72	87	105	123	143
0°	11	13	21	29	43	57	72	87	105	123	143
-1.25°	11	13	21	29	43	57	72	87	105	123	143
-2.5°	11	13	21	29	43	57	71	86	104	122	142
-3.75°	11	13	21	29	42	56	70	85	103	121	141
-5°	10	13	20	28	41	55	69	84	101	119	139
-6.25°	10	13	19	27	39	53	67	82	99	117	136
-7.5°	10	12	18	26	38	51	65	80	96	114	133
-8.75°	10	12	17	25	36	49	63	77	93	111	129
-10°	9	12	16	24	33	47	60	75	89	107	124
-11.25°	9	11	15	22	31	44	57	71	86	103	120
-12.5°	9	11	13	21	28	41	54	68	82	98	115
-13.75°	8	10	13	19	27	38	51	64	78	93	110
-15°	8	10	12	17	25	34	47	60	74	87	104
-16.25°	8	9	12	15	22	30	43	56	69	82	97
-17.5°	8	9	11	13	20	27	38	51	64	77	91
-18.75°	7	8	10	12	18	25	34	46	59	71	84
-20°	7	8	9	12	15	22	29	41	53	66	78
-21.25°	7	8	9	11	13	19	26	36	48	59	72



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	6	7	8	10	12	16	23	30	42	53	65
-23.75°	6	7	8	9	11	13	20	26	36	47	58
-25°	6	7	7	8	10	12	16	23	29	40	51
-26.25°	6	6	7	8	9	11	13	19	25	33	44
-27.5°	6	6	7	7	8	10	12	15	21	28	37
-28.75°	6	6	6	7	8	9	11	13	17	23	29
-30°	6	6	6	7	7	8	10	11	13	19	25
-31.25°	5	6	6	6	7	8	8	10	12	15	20
-32.5°	5	6	6	6	6	7	8	9	11	12	16
-33.75°	5	5	6	6	6	7	7	8	9	11	13
-35°	5	5	5	6	6	6	7	7	8	9	11
-36.25°	5	5	5	6	6	6	6	7	8	8	10
-37.5°	5	5	5	5	6	6	6	6	7	8	8
-38.75°	4	5	5	5	5	6	6	6	6	7	8
-40°	4	5	5	5	5	5	6	6	6	6	7
-41.25°	4	4	5	5	5	5	5	6	6	6	6
-42.5°	4	4	4	5	5	5	5	5	6	6	6
-43.75°	3	4	4	4	5	5	5	5	5	6	6
-45°	3	3	4	4	4	5	5	5	5	5	6
-46.25°	3	3	3	4	4	4	5	5	5	5	5
-47.5°	3	3	3	3	4	4	4	5	5	5	5
-48.75°	2	3	3	3	3	4	4	4	4	5	5
-50°	2	2	2	3	3	3	4	4	4	4	5
-51.25°	2	2	2	2	3	3	3	3	4	4	4
-52.5°	2	2	2	2	2	3	3	3	3	4	4
-53.75°	2	2	2	2	2	2	2	3	3	3	3
-55°	2	2	2	2	2	2	2	2	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	2	3
-57.5°	1	1	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	1	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	1	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	0	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	0	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	0	0	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	1	1	2	2
65°	1	1	1	1	2	2	2	2	2	2	2
63.75°	1	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	3	3	3	3
58.75°	2	2	2	2	3	3	3	3	3	3	3
57.5°	2	3	3	3	3	3	3	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	4
55°	3	3	4	4	4	4	4	4	5	5	5
53.75°	4	4	4	4	4	5	5	5	5	5	5
52.5°	4	4	4	5	5	5	5	5	5	5	5
51.25°	4	5	5	5	5	5	5	5	5	6	6
50°	5	5	5	5	5	5	6	6	6	6	6
48.75°	5	5	5	5	6	6	6	6	6	6	6
47.5°	5	5	6	6	6	6	6	6	7	7	7
46.25°	5	6	6	6	6	6	7	7	7	8	8
45°	6	6	6	6	7	7	7	8	8	9	10
43.75°	6	6	6	7	7	8	8	9	10	11	12
42.5°	6	7	7	8	8	9	10	11	12	13	16
41.25°	7	7	8	8	10	11	12	13	16	20	23
40°	7	8	9	10	11	13	15	19	23	26	30
38.75°	8	9	11	12	13	17	21	25	29	36	42
37.5°	9	11	12	15	19	23	28	33	40	47	53
36.25°	11	13	16	20	25	29	37	44	51	58	65
35°	13	16	21	26	31	39	47	55	62	70	77



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	16	21	26	33	41	49	58	66	74	81	89
32.5°	21	26	33	42	51	59	68	77	85	94	104
31.25°	26	33	42	51	60	70	79	88	98	108	118
30°	31	41	51	60	70	80	89	101	112	122	133
28.75°	39	49	59	70	80	90	102	114	125	137	149
27.5°	47	58	68	79	89	102	114	126	139	152	164
26.25°	55	66	77	88	101	114	126	140	153	167	183
25°	62	74	85	98	112	125	139	153	168	185	202
23.75°	70	81	94	108	122	137	152	167	185	203	220
22.5°	77	89	104	118	133	149	164	183	202	220	240
21.25°	84	98	113	128	144	160	179	199	218	239	260
20°	92	107	122	139	155	173	193	213	235	257	279
18.75°	99	115	131	148	165	186	207	229	252	275	300
17.5°	107	123	140	157	178	199	221	245	268	294	332
16.25°	114	131	148	167	189	211	235	260	285	320	379
15°	120	138	156	177	200	223	249	274	303	353	434
13.75°	127	145	164	187	210	235	261	289	328	399	498
12.5°	133	152	172	196	220	246	273	304	359	450	563
11.25°	139	158	180	204	230	257	285	325	397	502	624
10°	144	163	187	212	238	266	296	345	436	554	684
8.75°	148	169	194	219	246	274	310	374	477	602	738
7.5°	152	174	199	225	253	283	324	400	513	646	785
6.25°	156	179	204	231	259	290	336	424	547	685	824
5°	159	183	208	235	264	295	348	448	576	717	857
3.75°	161	185	211	239	268	300	362	467	598	742	881
2.5°	162	187	213	242	271	306	372	480	614	760	898
1.25°	163	189	214	243	272	309	377	488	624	770	908
0°	164	189	215	244	273	310	379	491	627	774	912
-1.25°	163	189	214	243	272	309	377	488	624	770	908
-2.5°	162	187	213	242	271	306	372	480	614	760	898
-3.75°	161	185	211	239	268	300	362	467	598	742	881
-5°	159	183	208	235	264	295	348	448	576	717	857
-6.25°	156	179	204	231	259	290	336	424	547	685	824
-7.5°	152	174	199	225	253	283	324	400	513	646	785
-8.75°	148	169	194	219	246	274	310	374	477	602	738
-10°	144	163	187	212	238	266	296	345	436	554	684
-11.25°	139	158	180	204	230	257	285	325	397	502	624
-12.5°	133	152	172	196	220	246	273	304	359	450	563
-13.75°	127	145	164	187	210	235	261	289	328	399	498
-15°	120	138	156	177	200	223	249	274	303	353	434
-16.25°	114	131	148	167	189	211	235	260	285	320	379
-17.5°	107	123	140	157	178	199	221	245	268	294	332
-18.75°	99	115	131	148	165	186	207	229	252	275	300
-20°	92	107	122	139	155	173	193	213	235	257	279
-21.25°	84	98	113	128	144	160	179	199	218	239	260



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	77	89	104	118	133	149	164	183	202	220	240
-23.75°	70	81	94	108	122	137	152	167	185	203	220
-25°	62	74	85	98	112	125	139	153	168	185	202
-26.25°	55	66	77	88	101	114	126	140	153	167	183
-27.5°	47	58	68	79	89	102	114	126	139	152	164
-28.75°	39	49	59	70	80	90	102	114	125	137	149
-30°	31	41	51	60	70	80	89	101	112	122	133
-31.25°	26	33	42	51	60	70	79	88	98	108	118
-32.5°	21	26	33	42	51	59	68	77	85	94	104
-33.75°	16	21	26	33	41	49	58	66	74	81	89
-35°	13	16	21	26	31	39	47	55	62	70	77
-36.25°	11	13	16	20	25	29	37	44	51	58	65
-37.5°	9	11	12	15	19	23	28	33	40	47	53
-38.75°	8	9	11	12	13	17	21	25	29	36	42
-40°	7	8	9	10	11	13	15	19	23	26	30
-41.25°	7	7	8	8	10	11	12	13	16	20	23
-42.5°	6	7	7	8	8	9	10	11	12	13	16
-43.75°	6	6	6	7	7	8	8	9	10	11	12
-45°	6	6	6	6	7	7	7	8	8	9	10
-46.25°	5	6	6	6	6	6	7	7	7	8	8
-47.5°	5	5	6	6	6	6	6	6	7	7	7
-48.75°	5	5	5	5	6	6	6	6	6	6	6
-50°	5	5	5	5	5	5	6	6	6	6	6
-51.25°	4	5	5	5	5	5	5	5	5	6	6
-52.5°	4	4	4	5	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	5	5	5	5	5	5
-55°	3	3	4	4	4	4	4	4	5	5	5
-56.25°	3	3	3	3	4	4	4	4	4	4	4
-57.5°	2	3	3	3	3	3	3	4	4	4	4
-58.75°	2	2	2	2	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	3	3	3	3
-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	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	1	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	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	0	0	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	0	0	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	1	1	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	6	6	6	6	6	6
52.5°	5	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	7	7	7
50°	6	6	6	7	7	7	7	7	8	8	8
48.75°	7	7	7	8	8	8	8	9	9	9	10
47.5°	8	8	8	9	9	10	10	11	11	12	12
46.25°	9	9	10	11	12	12	13	13	15	16	17
45°	11	12	12	13	15	17	19	21	22	24	25
43.75°	13	15	18	20	22	25	27	28	31	33	36
42.5°	19	22	25	27	30	34	38	41	44	47	49
41.25°	26	29	34	38	43	47	51	54	57	60	63
40°	36	41	46	51	56	60	64	68	71	75	77
38.75°	48	53	59	64	69	74	78	82	86	89	93
37.5°	59	66	71	77	82	87	93	98	103	107	111
36.25°	72	78	84	91	97	104	110	115	120	124	129
35°	84	92	99	107	114	120	127	133	139	144	148



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	98	107	115	123	131	138	145	152	158	163	169
32.5°	113	122	131	140	148	156	164	172	180	187	194
31.25°	128	139	148	157	167	177	187	196	204	212	219
30°	144	155	165	178	189	200	210	220	230	238	246
28.75°	160	173	186	199	211	223	235	246	257	266	274
27.5°	179	193	207	221	235	249	261	273	285	296	310
26.25°	199	213	229	245	260	274	289	304	325	345	374
25°	218	235	252	268	285	303	328	359	397	436	477
23.75°	239	257	275	294	320	353	399	450	502	554	602
22.5°	260	279	300	332	379	434	498	563	624	684	738
21.25°	281	305	340	397	464	537	612	686	754	815	870
20°	305	343	406	483	565	649	732	808	877	936	984
18.75°	340	406	489	579	672	763	848	921	983	1031	1063
17.5°	397	483	579	680	779	870	952	1013	1059	1090	1117
16.25°	464	565	672	779	878	966	1031	1074	1109	1139	1167
15°	537	649	763	870	966	1037	1082	1120	1155	1188	1217
13.75°	612	732	848	952	1031	1082	1124	1163	1200	1234	1267
12.5°	686	808	921	1013	1074	1120	1163	1204	1243	1281	1314
11.25°	754	877	983	1059	1109	1155	1200	1243	1285	1323	1363
10°	815	936	1031	1090	1139	1188	1234	1281	1323	1368	1414
8.75°	870	984	1063	1117	1167	1217	1267	1314	1363	1414	1464
7.5°	914	1020	1087	1140	1193	1244	1296	1346	1401	1457	1508
6.25°	953	1048	1107	1161	1214	1268	1320	1376	1437	1494	1546
5°	980	1065	1122	1178	1232	1288	1343	1404	1466	1525	1576
3.75°	999	1077	1135	1191	1247	1303	1361	1426	1490	1549	1599
2.5°	1013	1087	1144	1201	1258	1315	1375	1442	1507	1566	1616
1.25°	1021	1092	1149	1207	1265	1321	1384	1452	1517	1576	1625
0°	1024	1094	1151	1209	1267	1324	1387	1456	1521	1580	1628
-1.25°	1021	1092	1149	1207	1265	1321	1384	1452	1517	1576	1625
-2.5°	1013	1087	1144	1201	1258	1315	1375	1442	1507	1566	1616
-3.75°	999	1077	1135	1191	1247	1303	1361	1426	1490	1549	1599
-5°	980	1065	1122	1178	1232	1288	1343	1404	1466	1525	1576
-6.25°	953	1048	1107	1161	1214	1268	1320	1376	1437	1494	1546
-7.5°	914	1020	1087	1140	1193	1244	1296	1346	1401	1457	1508
-8.75°	870	984	1063	1117	1167	1217	1267	1314	1363	1414	1464
-10°	815	936	1031	1090	1139	1188	1234	1281	1323	1368	1414
-11.25°	754	877	983	1059	1109	1155	1200	1243	1285	1323	1363
-12.5°	686	808	921	1013	1074	1120	1163	1204	1243	1281	1314
-13.75°	612	732	848	952	1031	1082	1124	1163	1200	1234	1267
-15°	537	649	763	870	966	1037	1082	1120	1155	1188	1217
-16.25°	464	565	672	779	878	966	1031	1074	1109	1139	1167
-17.5°	397	483	579	680	779	870	952	1013	1059	1090	1117
-18.75°	340	406	489	579	672	763	848	921	983	1031	1063
-20°	305	343	406	483	565	649	732	808	877	936	984
-21.25°	281	305	340	397	464	537	612	686	754	815	870



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	260	279	300	332	379	434	498	563	624	684	738
-23.75°	239	257	275	294	320	353	399	450	502	554	602
-25°	218	235	252	268	285	303	328	359	397	436	477
-26.25°	199	213	229	245	260	274	289	304	325	345	374
-27.5°	179	193	207	221	235	249	261	273	285	296	310
-28.75°	160	173	186	199	211	223	235	246	257	266	274
-30°	144	155	165	178	189	200	210	220	230	238	246
-31.25°	128	139	148	157	167	177	187	196	204	212	219
-32.5°	113	122	131	140	148	156	164	172	180	187	194
-33.75°	98	107	115	123	131	138	145	152	158	163	169
-35°	84	92	99	107	114	120	127	133	139	144	148
-36.25°	72	78	84	91	97	104	110	115	120	124	129
-37.5°	59	66	71	77	82	87	93	98	103	107	111
-38.75°	48	53	59	64	69	74	78	82	86	89	93
-40°	36	41	46	51	56	60	64	68	71	75	77
-41.25°	26	29	34	38	43	47	51	54	57	60	63
-42.5°	19	22	25	27	30	34	38	41	44	47	49
-43.75°	13	15	18	20	22	25	27	28	31	33	36
-45°	11	12	12	13	15	17	19	21	22	24	25
-46.25°	9	9	10	11	12	12	13	13	15	16	17
-47.5°	8	8	8	9	9	10	10	11	11	12	12
-48.75°	7	7	7	8	8	8	8	9	9	9	10
-50°	6	6	6	7	7	7	7	7	8	8	8
-51.25°	6	6	6	6	6	6	6	6	7	7	7
-52.5°	5	6	6	6	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	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°	0	0	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	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°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	4	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	5	5	5	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	5
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°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	7	7	7
50°	8	8	8	8	8	8	8	8	8	8	8
48.75°	10	10	10	11	11	11	11	11	11	11	10
47.5°	12	13	13	13	13	13	13	13	13	13	13
46.25°	18	19	20	21	21	21	21	21	21	21	20
45°	26	27	28	29	29	29	29	29	29	29	28
43.75°	38	39	41	42	43	43	43	43	43	42	41
42.5°	51	53	55	56	57	57	57	57	57	56	55
41.25°	65	67	69	70	71	72	72	72	71	70	69
40°	80	82	84	85	86	87	87	87	86	85	84
38.75°	96	99	101	103	104	105	105	105	104	103	101
37.5°	114	117	119	121	122	123	123	123	122	121	119
36.25°	133	136	139	141	142	143	143	143	142	141	139
35°	152	156	159	161	162	163	164	163	162	161	159



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	174	179	183	185	187	189	189	189	187	185	183
32.5°	199	204	208	211	213	214	215	214	213	211	208
31.25°	225	231	235	239	242	243	244	243	242	239	235
30°	253	259	264	268	271	272	273	272	271	268	264
28.75°	283	290	295	300	306	309	310	309	306	300	295
27.5°	324	336	348	362	372	377	379	377	372	362	348
26.25°	400	424	448	467	480	488	491	488	480	467	448
25°	513	547	576	598	614	624	627	624	614	598	576
23.75°	646	685	717	742	760	770	774	770	760	742	717
22.5°	785	824	857	881	898	908	912	908	898	881	857
21.25°	914	953	980	999	1013	1021	1024	1021	1013	999	980
20°	1020	1048	1065	1077	1087	1092	1094	1092	1087	1077	1065
18.75°	1087	1107	1122	1135	1144	1149	1151	1149	1144	1135	1122
17.5°	1140	1161	1178	1191	1201	1207	1209	1207	1201	1191	1178
16.25°	1193	1214	1232	1247	1258	1265	1267	1265	1258	1247	1232
15°	1244	1268	1288	1303	1315	1321	1324	1321	1315	1303	1288
13.75°	1296	1320	1343	1361	1375	1384	1387	1384	1375	1361	1343
12.5°	1346	1376	1404	1426	1442	1452	1456	1452	1442	1426	1404
11.25°	1401	1437	1466	1490	1507	1517	1521	1517	1507	1490	1466
10°	1457	1494	1525	1549	1566	1576	1580	1576	1566	1549	1525
8.75°	1508	1546	1576	1599	1616	1625	1628	1625	1616	1599	1576
7.5°	1552	1590	1619	1642	1658	1666	1669	1666	1658	1642	1619
6.25°	1590	1626	1655	1675	1687	1693	1696	1693	1687	1675	1655
5°	1619	1655	1681	1696	1703	1707	1708	1707	1703	1696	1681
3.75°	1642	1675	1696	1706	1709	1710	1710	1710	1709	1706	1696
2.5°	1658	1687	1703	1709	1709	1707	1705	1707	1709	1709	1703
1.25°	1666	1693	1707	1710	1707	1703	1703	1703	1707	1710	1707
0°	1669	1696	1708	1710	1705	1703	1708	1703	1705	1710	1708
-1.25°	1666	1693	1707	1710	1707	1703	1703	1703	1707	1710	1707
-2.5°	1658	1687	1703	1709	1709	1707	1705	1707	1709	1709	1703
-3.75°	1642	1675	1696	1706	1709	1710	1710	1710	1709	1706	1696
-5°	1619	1655	1681	1696	1703	1707	1708	1707	1703	1696	1681
-6.25°	1590	1626	1655	1675	1687	1693	1696	1693	1687	1675	1655
-7.5°	1552	1590	1619	1642	1658	1666	1669	1666	1658	1642	1619
-8.75°	1508	1546	1576	1599	1616	1625	1628	1625	1616	1599	1576
-10°	1457	1494	1525	1549	1566	1576	1580	1576	1566	1549	1525
-11.25°	1401	1437	1466	1490	1507	1517	1521	1517	1507	1490	1466
-12.5°	1346	1376	1404	1426	1442	1452	1456	1452	1442	1426	1404
-13.75°	1296	1320	1343	1361	1375	1384	1387	1384	1375	1361	1343
-15°	1244	1268	1288	1303	1315	1321	1324	1321	1315	1303	1288
-16.25°	1193	1214	1232	1247	1258	1265	1267	1265	1258	1247	1232
-17.5°	1140	1161	1178	1191	1201	1207	1209	1207	1201	1191	1178
-18.75°	1087	1107	1122	1135	1144	1149	1151	1149	1144	1135	1122
-20°	1020	1048	1065	1077	1087	1092	1094	1092	1087	1077	1065
-21.25°	914	953	980	999	1013	1021	1024	1021	1013	999	980



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	785	824	857	881	898	908	912	908	898	881	857
-23.75°	646	685	717	742	760	770	774	770	760	742	717
-25°	513	547	576	598	614	624	627	624	614	598	576
-26.25°	400	424	448	467	480	488	491	488	480	467	448
-27.5°	324	336	348	362	372	377	379	377	372	362	348
-28.75°	283	290	295	300	306	309	310	309	306	300	295
-30°	253	259	264	268	271	272	273	272	271	268	264
-31.25°	225	231	235	239	242	243	244	243	242	239	235
-32.5°	199	204	208	211	213	214	215	214	213	211	208
-33.75°	174	179	183	185	187	189	189	189	187	185	183
-35°	152	156	159	161	162	163	164	163	162	161	159
-36.25°	133	136	139	141	142	143	143	143	142	141	139
-37.5°	114	117	119	121	122	123	123	123	122	121	119
-38.75°	96	99	101	103	104	105	105	105	104	103	101
-40°	80	82	84	85	86	87	87	87	86	85	84
-41.25°	65	67	69	70	71	72	72	72	71	70	69
-42.5°	51	53	55	56	57	57	57	57	57	56	55
-43.75°	38	39	41	42	43	43	43	43	43	42	41
-45°	26	27	28	29	29	29	29	29	29	29	28
-46.25°	18	19	20	21	21	21	21	21	21	21	20
-47.5°	12	13	13	13	13	13	13	13	13	13	13
-48.75°	10	10	10	11	11	11	11	11	11	11	10
-50°	8	8	8	8	8	8	8	8	8	8	8
-51.25°	7	7	7	7	7	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	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°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	4	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	6	6	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	6	6	6	6	6	6
50°	8	8	8	8	8	7	7	7	7	7	6
48.75°	10	10	10	9	9	9	8	8	8	8	7
47.5°	13	12	12	12	11	11	10	10	9	9	8
46.25°	19	18	17	16	15	13	13	12	12	11	10
45°	27	26	25	24	22	21	19	17	15	13	12
43.75°	39	38	36	33	31	28	27	25	22	20	18
42.5°	53	51	49	47	44	41	38	34	30	27	25
41.25°	67	65	63	60	57	54	51	47	43	38	34
40°	82	80	77	75	71	68	64	60	56	51	46
38.75°	99	96	93	89	86	82	78	74	69	64	59
37.5°	117	114	111	107	103	98	93	87	82	77	71
36.25°	136	133	129	124	120	115	110	104	97	91	84
35°	156	152	148	144	139	133	127	120	114	107	99



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	179	174	169	163	158	152	145	138	131	123	115
32.5°	204	199	194	187	180	172	164	156	148	140	131
31.25°	231	225	219	212	204	196	187	177	167	157	148
30°	259	253	246	238	230	220	210	200	189	178	165
28.75°	290	283	274	266	257	246	235	223	211	199	186
27.5°	336	324	310	296	285	273	261	249	235	221	207
26.25°	424	400	374	345	325	304	289	274	260	245	229
25°	547	513	477	436	397	359	328	303	285	268	252
23.75°	685	646	602	554	502	450	399	353	320	294	275
22.5°	824	785	738	684	624	563	498	434	379	332	300
21.25°	953	914	870	815	754	686	612	537	464	397	340
20°	1048	1020	984	936	877	808	732	649	565	483	406
18.75°	1107	1087	1063	1031	983	921	848	763	672	579	489
17.5°	1161	1140	1117	1090	1059	1013	952	870	779	680	579
16.25°	1214	1193	1167	1139	1109	1074	1031	966	878	779	672
15°	1268	1244	1217	1188	1155	1120	1082	1037	966	870	763
13.75°	1320	1296	1267	1234	1200	1163	1124	1082	1031	952	848
12.5°	1376	1346	1314	1281	1243	1204	1163	1120	1074	1013	921
11.25°	1437	1401	1363	1323	1285	1243	1200	1155	1109	1059	983
10°	1494	1457	1414	1368	1323	1281	1234	1188	1139	1090	1031
8.75°	1546	1508	1464	1414	1363	1314	1267	1217	1167	1117	1063
7.5°	1590	1552	1508	1457	1401	1346	1296	1244	1193	1140	1087
6.25°	1626	1590	1546	1494	1437	1376	1320	1268	1214	1161	1107
5°	1655	1619	1576	1525	1466	1404	1343	1288	1232	1178	1122
3.75°	1675	1642	1599	1549	1490	1426	1361	1303	1247	1191	1135
2.5°	1687	1658	1616	1566	1507	1442	1375	1315	1258	1201	1144
1.25°	1693	1666	1625	1576	1517	1452	1384	1321	1265	1207	1149
0°	1696	1669	1628	1580	1521	1456	1387	1324	1267	1209	1151
-1.25°	1693	1666	1625	1576	1517	1452	1384	1321	1265	1207	1149
-2.5°	1687	1658	1616	1566	1507	1442	1375	1315	1258	1201	1144
-3.75°	1675	1642	1599	1549	1490	1426	1361	1303	1247	1191	1135
-5°	1655	1619	1576	1525	1466	1404	1343	1288	1232	1178	1122
-6.25°	1626	1590	1546	1494	1437	1376	1320	1268	1214	1161	1107
-7.5°	1590	1552	1508	1457	1401	1346	1296	1244	1193	1140	1087
-8.75°	1546	1508	1464	1414	1363	1314	1267	1217	1167	1117	1063
-10°	1494	1457	1414	1368	1323	1281	1234	1188	1139	1090	1031
-11.25°	1437	1401	1363	1323	1285	1243	1200	1155	1109	1059	983
-12.5°	1376	1346	1314	1281	1243	1204	1163	1120	1074	1013	921
-13.75°	1320	1296	1267	1234	1200	1163	1124	1082	1031	952	848
-15°	1268	1244	1217	1188	1155	1120	1082	1037	966	870	763
-16.25°	1214	1193	1167	1139	1109	1074	1031	966	878	779	672
-17.5°	1161	1140	1117	1090	1059	1013	952	870	779	680	579
-18.75°	1107	1087	1063	1031	983	921	848	763	672	579	489
-20°	1048	1020	984	936	877	808	732	649	565	483	406
-21.25°	953	914	870	815	754	686	612	537	464	397	340



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	824	785	738	684	624	563	498	434	379	332	300
-23.75°	685	646	602	554	502	450	399	353	320	294	275
-25°	547	513	477	436	397	359	328	303	285	268	252
-26.25°	424	400	374	345	325	304	289	274	260	245	229
-27.5°	336	324	310	296	285	273	261	249	235	221	207
-28.75°	290	283	274	266	257	246	235	223	211	199	186
-30°	259	253	246	238	230	220	210	200	189	178	165
-31.25°	231	225	219	212	204	196	187	177	167	157	148
-32.5°	204	199	194	187	180	172	164	156	148	140	131
-33.75°	179	174	169	163	158	152	145	138	131	123	115
-35°	156	152	148	144	139	133	127	120	114	107	99
-36.25°	136	133	129	124	120	115	110	104	97	91	84
-37.5°	117	114	111	107	103	98	93	87	82	77	71
-38.75°	99	96	93	89	86	82	78	74	69	64	59
-40°	82	80	77	75	71	68	64	60	56	51	46
-41.25°	67	65	63	60	57	54	51	47	43	38	34
-42.5°	53	51	49	47	44	41	38	34	30	27	25
-43.75°	39	38	36	33	31	28	27	25	22	20	18
-45°	27	26	25	24	22	21	19	17	15	13	12
-46.25°	19	18	17	16	15	13	13	12	12	11	10
-47.5°	13	12	12	12	11	11	10	10	9	9	8
-48.75°	10	10	10	9	9	9	8	8	8	8	7
-50°	8	8	8	8	8	7	7	7	7	7	6
-51.25°	7	7	7	7	7	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	5	5	5
-55°	6	6	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	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	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	0	0
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	1	1	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	1	1
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°	3	3	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	2	2	2	2	2
58.75°	4	4	3	3	3	3	3	3	3	2	2
57.5°	4	4	4	4	4	4	3	3	3	3	3
56.25°	5	5	4	4	4	4	4	4	4	3	3
55°	5	5	5	5	5	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	4	4	4
52.5°	6	5	5	5	5	5	5	5	5	5	4
51.25°	6	6	6	6	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	5	5	5	5
48.75°	7	7	6	6	6	6	6	6	6	5	5
47.5°	8	8	7	7	7	6	6	6	6	6	6
46.25°	9	9	8	8	7	7	7	6	6	6	6
45°	12	11	10	9	8	8	7	7	7	6	6
43.75°	15	13	12	11	10	9	8	8	7	7	6
42.5°	22	19	16	13	12	11	10	9	8	8	7
41.25°	29	26	23	20	16	13	12	11	10	8	8
40°	41	36	30	26	23	19	15	13	11	10	9
38.75°	53	48	42	36	29	25	21	17	13	12	11
37.5°	66	59	53	47	40	33	28	23	19	15	12
36.25°	78	72	65	58	51	44	37	29	25	20	16
35°	92	84	77	70	62	55	47	39	31	26	21



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	107	98	89	81	74	66	58	49	41	33	26
32.5°	122	113	104	94	85	77	68	59	51	42	33
31.25°	139	128	118	108	98	88	79	70	60	51	42
30°	155	144	133	122	112	101	89	80	70	60	51
28.75°	173	160	149	137	125	114	102	90	80	70	59
27.5°	193	179	164	152	139	126	114	102	89	79	68
26.25°	213	199	183	167	153	140	126	114	101	88	77
25°	235	218	202	185	168	153	139	125	112	98	85
23.75°	257	239	220	203	185	167	152	137	122	108	94
22.5°	279	260	240	220	202	183	164	149	133	118	104
21.25°	305	281	260	239	218	199	179	160	144	128	113
20°	343	305	279	257	235	213	193	173	155	139	122
18.75°	406	340	300	275	252	229	207	186	165	148	131
17.5°	483	397	332	294	268	245	221	199	178	157	140
16.25°	565	464	379	320	285	260	235	211	189	167	148
15°	649	537	434	353	303	274	249	223	200	177	156
13.75°	732	612	498	399	328	289	261	235	210	187	164
12.5°	808	686	563	450	359	304	273	246	220	196	172
11.25°	877	754	624	502	397	325	285	257	230	204	180
10°	936	815	684	554	436	345	296	266	238	212	187
8.75°	984	870	738	602	477	374	310	274	246	219	194
7.5°	1020	914	785	646	513	400	324	283	253	225	199
6.25°	1048	953	824	685	547	424	336	290	259	231	204
5°	1065	980	857	717	576	448	348	295	264	235	208
3.75°	1077	999	881	742	598	467	362	300	268	239	211
2.5°	1087	1013	898	760	614	480	372	306	271	242	213
1.25°	1092	1021	908	770	624	488	377	309	272	243	214
0°	1094	1024	912	774	627	491	379	310	273	244	215
-1.25°	1092	1021	908	770	624	488	377	309	272	243	214
-2.5°	1087	1013	898	760	614	480	372	306	271	242	213
-3.75°	1077	999	881	742	598	467	362	300	268	239	211
-5°	1065	980	857	717	576	448	348	295	264	235	208
-6.25°	1048	953	824	685	547	424	336	290	259	231	204
-7.5°	1020	914	785	646	513	400	324	283	253	225	199
-8.75°	984	870	738	602	477	374	310	274	246	219	194
-10°	936	815	684	554	436	345	296	266	238	212	187
-11.25°	877	754	624	502	397	325	285	257	230	204	180
-12.5°	808	686	563	450	359	304	273	246	220	196	172
-13.75°	732	612	498	399	328	289	261	235	210	187	164
-15°	649	537	434	353	303	274	249	223	200	177	156
-16.25°	565	464	379	320	285	260	235	211	189	167	148
-17.5°	483	397	332	294	268	245	221	199	178	157	140
-18.75°	406	340	300	275	252	229	207	186	165	148	131
-20°	343	305	279	257	235	213	193	173	155	139	122
-21.25°	305	281	260	239	218	199	179	160	144	128	113



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	279	260	240	220	202	183	164	149	133	118	104
-23.75°	257	239	220	203	185	167	152	137	122	108	94
-25°	235	218	202	185	168	153	139	125	112	98	85
-26.25°	213	199	183	167	153	140	126	114	101	88	77
-27.5°	193	179	164	152	139	126	114	102	89	79	68
-28.75°	173	160	149	137	125	114	102	90	80	70	59
-30°	155	144	133	122	112	101	89	80	70	60	51
-31.25°	139	128	118	108	98	88	79	70	60	51	42
-32.5°	122	113	104	94	85	77	68	59	51	42	33
-33.75°	107	98	89	81	74	66	58	49	41	33	26
-35°	92	84	77	70	62	55	47	39	31	26	21
-36.25°	78	72	65	58	51	44	37	29	25	20	16
-37.5°	66	59	53	47	40	33	28	23	19	15	12
-38.75°	53	48	42	36	29	25	21	17	13	12	11
-40°	41	36	30	26	23	19	15	13	11	10	9
-41.25°	29	26	23	20	16	13	12	11	10	8	8
-42.5°	22	19	16	13	12	11	10	9	8	8	7
-43.75°	15	13	12	11	10	9	8	8	7	7	6
-45°	12	11	10	9	8	8	7	7	7	6	6
-46.25°	9	9	8	8	7	7	7	6	6	6	6
-47.5°	8	8	7	7	7	6	6	6	6	6	6
-48.75°	7	7	6	6	6	6	6	6	6	5	5
-50°	6	6	6	6	6	6	6	5	5	5	5
-51.25°	6	6	6	6	5	5	5	5	5	5	5
-52.5°	6	5	5	5	5	5	5	5	5	5	4
-53.75°	5	5	5	5	5	5	5	5	4	4	4
-55°	5	5	5	5	5	4	4	4	4	4	4
-56.25°	5	5	4	4	4	4	4	4	4	3	3
-57.5°	4	4	4	4	4	4	3	3	3	3	3
-58.75°	4	4	3	3	3	3	3	3	3	2	2
-60°	3	3	3	3	3	3	2	2	2	2	2
-61.25°	3	3	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	1	1
-66.25°	2	2	2	2	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	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	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	0	0	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	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	1	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	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	2	2	2	2	2	2
53.75°	4	4	3	3	3	3	2	2	2	2	2
52.5°	4	4	4	4	3	3	3	3	2	2	2
51.25°	5	4	4	4	4	3	3	3	3	2	2
50°	5	5	5	4	4	4	4	3	3	3	2
48.75°	5	5	5	5	4	4	4	4	3	3	3
47.5°	5	5	5	5	5	5	4	4	4	3	3
46.25°	6	5	5	5	5	5	5	4	4	4	3
45°	6	6	6	5	5	5	5	5	4	4	4
43.75°	6	6	6	6	5	5	5	5	5	4	4
42.5°	7	6	6	6	6	5	5	5	5	5	4
41.25°	7	7	6	6	6	6	5	5	5	5	5
40°	8	7	7	6	6	6	6	5	5	5	5
38.75°	9	8	8	7	6	6	6	6	5	5	5
37.5°	11	9	8	8	7	6	6	6	6	5	5
36.25°	13	11	10	8	8	7	6	6	6	6	5
35°	16	13	11	9	8	7	7	6	6	6	5



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	21	16	13	11	9	8	7	7	6	6	6
32.5°	26	21	16	12	11	9	8	7	6	6	6
31.25°	33	26	20	15	12	10	8	8	7	6	6
30°	41	31	25	19	13	11	10	8	7	7	6
28.75°	49	39	29	23	17	13	11	9	8	7	6
27.5°	58	47	37	28	21	15	12	10	8	7	7
26.25°	66	55	44	33	25	19	13	11	9	8	7
25°	74	62	51	40	29	23	16	12	10	8	7
23.75°	81	70	58	47	36	26	20	13	11	9	8
22.5°	89	77	65	53	42	30	23	16	12	10	8
21.25°	98	84	72	59	48	36	26	19	13	11	9
20°	107	92	78	66	53	41	29	22	15	12	9
18.75°	115	99	84	71	59	46	34	25	18	12	10
17.5°	123	107	91	77	64	51	38	27	20	13	11
16.25°	131	114	97	82	69	56	43	30	22	15	12
15°	138	120	104	87	74	60	47	34	25	17	12
13.75°	145	127	110	93	78	64	51	38	27	19	13
12.5°	152	133	115	98	82	68	54	41	28	21	13
11.25°	158	139	120	103	86	71	57	44	31	22	15
10°	163	144	124	107	89	75	60	47	33	24	16
8.75°	169	148	129	111	93	77	63	49	36	25	17
7.5°	174	152	133	114	96	80	65	51	38	26	18
6.25°	179	156	136	117	99	82	67	53	39	27	19
5°	183	159	139	119	101	84	69	55	41	28	20
3.75°	185	161	141	121	103	85	70	56	42	29	21
2.5°	187	162	142	122	104	86	71	57	43	29	21
1.25°	189	163	143	123	105	87	72	57	43	29	21
0°	189	164	143	123	105	87	72	57	43	29	21
-1.25°	189	163	143	123	105	87	72	57	43	29	21
-2.5°	187	162	142	122	104	86	71	57	43	29	21
-3.75°	185	161	141	121	103	85	70	56	42	29	21
-5°	183	159	139	119	101	84	69	55	41	28	20
-6.25°	179	156	136	117	99	82	67	53	39	27	19
-7.5°	174	152	133	114	96	80	65	51	38	26	18
-8.75°	169	148	129	111	93	77	63	49	36	25	17
-10°	163	144	124	107	89	75	60	47	33	24	16
-11.25°	158	139	120	103	86	71	57	44	31	22	15
-12.5°	152	133	115	98	82	68	54	41	28	21	13
-13.75°	145	127	110	93	78	64	51	38	27	19	13
-15°	138	120	104	87	74	60	47	34	25	17	12
-16.25°	131	114	97	82	69	56	43	30	22	15	12
-17.5°	123	107	91	77	64	51	38	27	20	13	11
-18.75°	115	99	84	71	59	46	34	25	18	12	10
-20°	107	92	78	66	53	41	29	22	15	12	9
-21.25°	98	84	72	59	48	36	26	19	13	11	9



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	89	77	65	53	42	30	23	16	12	10	8
-23.75°	81	70	58	47	36	26	20	13	11	9	8
-25°	74	62	51	40	29	23	16	12	10	8	7
-26.25°	66	55	44	33	25	19	13	11	9	8	7
-27.5°	58	47	37	28	21	15	12	10	8	7	7
-28.75°	49	39	29	23	17	13	11	9	8	7	6
-30°	41	31	25	19	13	11	10	8	7	7	6
-31.25°	33	26	20	15	12	10	8	8	7	6	6
-32.5°	26	21	16	12	11	9	8	7	6	6	6
-33.75°	21	16	13	11	9	8	7	7	6	6	6
-35°	16	13	11	9	8	7	7	6	6	6	5
-36.25°	13	11	10	8	8	7	6	6	6	6	5
-37.5°	11	9	8	8	7	6	6	6	6	5	5
-38.75°	9	8	8	7	6	6	6	6	5	5	5
-40°	8	7	7	6	6	6	6	5	5	5	5
-41.25°	7	7	6	6	6	6	5	5	5	5	5
-42.5°	7	6	6	6	6	5	5	5	5	5	4
-43.75°	6	6	6	6	5	5	5	5	5	4	4
-45°	6	6	6	5	5	5	5	5	4	4	4
-46.25°	6	5	5	5	5	5	5	4	4	4	3
-47.5°	5	5	5	5	5	5	4	4	4	3	3
-48.75°	5	5	5	5	4	4	4	4	3	3	3
-50°	5	5	5	4	4	4	4	3	3	3	2
-51.25°	5	4	4	4	4	3	3	3	3	2	2
-52.5°	4	4	4	4	3	3	3	3	2	2	2
-53.75°	4	4	3	3	3	3	2	2	2	2	2
-55°	3	3	3	3	3	2	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	3	2	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	1	1	1
-61.25°	2	2	2	2	2	2	1	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	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°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	0	0	0
-75°	1	1	1	1	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	0	0	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	1	1	0	0	0	0	0	0
68.75°	1	1	1	1	1	1	1	0	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	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°	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°	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°	2	2	2	2	2	2	2	1	1	1	1
48.75°	3	2	2	2	2	2	2	2	1	1	1
47.5°	3	3	2	2	2	2	2	2	1	1	1
46.25°	3	3	2	2	2	2	2	2	2	1	1
45°	3	3	3	2	2	2	2	2	2	2	1
43.75°	4	3	3	3	2	2	2	2	2	2	1
42.5°	4	4	3	3	3	2	2	2	2	2	2
41.25°	4	4	4	3	3	2	2	2	2	2	2
40°	5	4	4	3	3	3	2	2	2	2	2
38.75°	5	4	4	4	3	3	3	2	2	2	2
37.5°	5	5	4	4	4	3	3	2	2	2	2
36.25°	5	5	5	4	4	3	3	3	2	2	2
35°	5	5	5	4	4	4	3	3	2	2	2



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	5	5	5	5	4	4	3	3	3	2	2
32.5°	6	5	5	5	4	4	4	3	3	2	2
31.25°	6	5	5	5	5	4	4	3	3	2	2
30°	6	6	5	5	5	4	4	4	3	3	2
28.75°	6	6	5	5	5	5	4	4	3	3	2
27.5°	6	6	6	5	5	5	4	4	3	3	2
26.25°	6	6	6	5	5	5	4	4	4	3	3
25°	7	6	6	5	5	5	5	4	4	3	3
23.75°	7	6	6	6	5	5	5	4	4	3	3
22.5°	7	6	6	6	5	5	5	4	4	3	3
21.25°	8	7	6	6	5	5	5	5	4	4	3
20°	8	7	6	6	6	5	5	5	4	4	3
18.75°	8	7	6	6	6	5	5	5	4	4	3
17.5°	9	8	7	6	6	5	5	5	4	4	3
16.25°	9	8	7	6	6	5	5	5	4	4	3
15°	10	8	7	6	6	6	5	5	5	4	4
13.75°	10	8	7	6	6	6	5	5	5	4	4
12.5°	11	9	7	6	6	6	5	5	5	4	4
11.25°	11	9	8	7	6	6	5	5	5	4	4
10°	12	9	8	7	6	6	5	5	5	4	4
8.75°	12	10	8	7	6	6	5	5	5	4	4
7.5°	12	10	8	7	6	6	6	5	5	4	4
6.25°	13	10	8	7	6	6	6	5	5	4	4
5°	13	10	8	7	6	6	6	5	5	5	4
3.75°	13	11	8	7	6	6	6	5	5	5	4
2.5°	13	11	8	7	6	6	6	5	5	5	4
1.25°	13	11	8	7	6	6	6	5	5	5	4
0°	13	11	8	7	6	6	6	5	5	5	4
-1.25°	13	11	8	7	6	6	6	5	5	5	4
-2.5°	13	11	8	7	6	6	6	5	5	5	4
-3.75°	13	11	8	7	6	6	6	5	5	5	4
-5°	13	10	8	7	6	6	6	5	5	5	4
-6.25°	13	10	8	7	6	6	6	5	5	4	4
-7.5°	12	10	8	7	6	6	6	5	5	4	4
-8.75°	12	10	8	7	6	6	5	5	5	4	4
-10°	12	9	8	7	6	6	5	5	5	4	4
-11.25°	11	9	8	7	6	6	5	5	5	4	4
-12.5°	11	9	7	6	6	6	5	5	5	4	4
-13.75°	10	8	7	6	6	6	5	5	5	4	4
-15°	10	8	7	6	6	6	5	5	5	4	4
-16.25°	9	8	7	6	6	5	5	5	4	4	3
-17.5°	9	8	7	6	6	5	5	5	4	4	3
-18.75°	8	7	6	6	6	5	5	5	4	4	3
-20°	8	7	6	6	6	5	5	5	4	4	3
-21.25°	8	7	6	6	5	5	5	5	4	4	3



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	7	6	6	6	5	5	5	4	4	3	3
-23.75°	7	6	6	6	5	5	5	4	4	3	3
-25°	7	6	6	5	5	5	5	4	4	3	3
-26.25°	6	6	6	5	5	5	4	4	4	3	3
-27.5°	6	6	6	5	5	5	4	4	3	3	2
-28.75°	6	6	5	5	5	5	4	4	3	3	2
-30°	6	6	5	5	5	4	4	4	3	3	2
-31.25°	6	5	5	5	5	4	4	3	3	2	2
-32.5°	6	5	5	5	4	4	4	3	3	2	2
-33.75°	5	5	5	5	4	4	3	3	3	2	2
-35°	5	5	5	4	4	4	3	3	2	2	2
-36.25°	5	5	5	4	4	3	3	3	2	2	2
-37.5°	5	5	4	4	4	3	3	2	2	2	2
-38.75°	5	4	4	4	3	3	3	2	2	2	2
-40°	5	4	4	3	3	3	2	2	2	2	2
-41.25°	4	4	4	3	3	2	2	2	2	2	2
-42.5°	4	4	3	3	3	2	2	2	2	2	2
-43.75°	4	3	3	3	2	2	2	2	2	2	1
-45°	3	3	3	2	2	2	2	2	2	2	1
-46.25°	3	3	2	2	2	2	2	2	2	1	1
-47.5°	3	3	2	2	2	2	2	2	1	1	1
-48.75°	3	2	2	2	2	2	2	2	1	1	1
-50°	2	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°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	0
-67.5°	1	1	1	1	1	1	1	1	1	0	0
-68.75°	1	1	1	1	1	1	1	0	0	0	0
-70°	1	1	1	1	1	0	0	0	0	0	0
-71.25°	1	1	1	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	0	0	0	0	0	0	0	0	0	0	0
63.75°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	0	0	0	0	0	0	0	0	0
61.25°	1	1	1	0	0	0	0	0	0	0	0
60°	1	1	1	1	0	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	0	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	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	0	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	0	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	0
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	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	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	1	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	1	1	1	1	1	1	1
25°	2	2	2	2	1	1	1	1	1	1	1
23.75°	2	2	2	2	2	1	1	1	1	1	1
22.5°	2	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	2	2	2	2	1	1	1	1	1	1
18.75°	3	2	2	2	2	1	1	1	1	1	1
17.5°	3	2	2	2	2	1	1	1	1	1	1
16.25°	3	2	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	2	2	2	2	1	1	1	1	1
8.75°	3	3	2	2	2	2	1	1	1	1	1
7.5°	3	3	2	2	2	2	1	1	1	1	1
6.25°	3	3	2	2	2	2	1	1	1	1	1
5°	3	3	2	2	2	2	1	1	1	1	1
3.75°	3	3	2	2	2	2	1	1	1	1	1
2.5°	3	3	2	2	2	2	1	1	1	1	1
1.25°	3	3	2	2	2	2	1	1	1	1	1
0°	4	3	2	2	2	2	1	1	1	1	1
-1.25°	3	3	2	2	2	2	1	1	1	1	1
-2.5°	3	3	2	2	2	2	1	1	1	1	1
-3.75°	3	3	2	2	2	2	1	1	1	1	1
-5°	3	3	2	2	2	2	1	1	1	1	1
-6.25°	3	3	2	2	2	2	1	1	1	1	1
-7.5°	3	3	2	2	2	2	1	1	1	1	1
-8.75°	3	3	2	2	2	2	1	1	1	1	1
-10°	3	3	2	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	2	2	2	2	2	1	1	1	1	1
-17.5°	3	2	2	2	2	1	1	1	1	1	1
-18.75°	3	2	2	2	2	1	1	1	1	1	1
-20°	3	2	2	2	2	1	1	1	1	1	1
-21.25°	3	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	2	2	2	2	2	1	1	1	1	1	1
-23.75°	2	2	2	2	2	1	1	1	1	1	1
-25°	2	2	2	2	1	1	1	1	1	1	1
-26.25°	2	2	2	2	1	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	1	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	1	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°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	0
-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	0	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	0	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	0	0	0	0	0	0	0
-61.25°	1	1	1	0	0	0	0	0	0	0	0
-62.5°	1	1	0	0	0	0	0	0	0	0	0
-63.75°	1	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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°	0	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	0	0	0	0	0	0	0	0	0	0
31.25°	1	0	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	0	0	0	0	0	0	0	0	0
20°	1	1	0	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	0	0	0	0	0	0	0	0	0
-21.25°	1	1	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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	0	0	0	0	0	0	0	0	0	0
-32.5°	1	0	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°	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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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: P220565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-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)