

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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

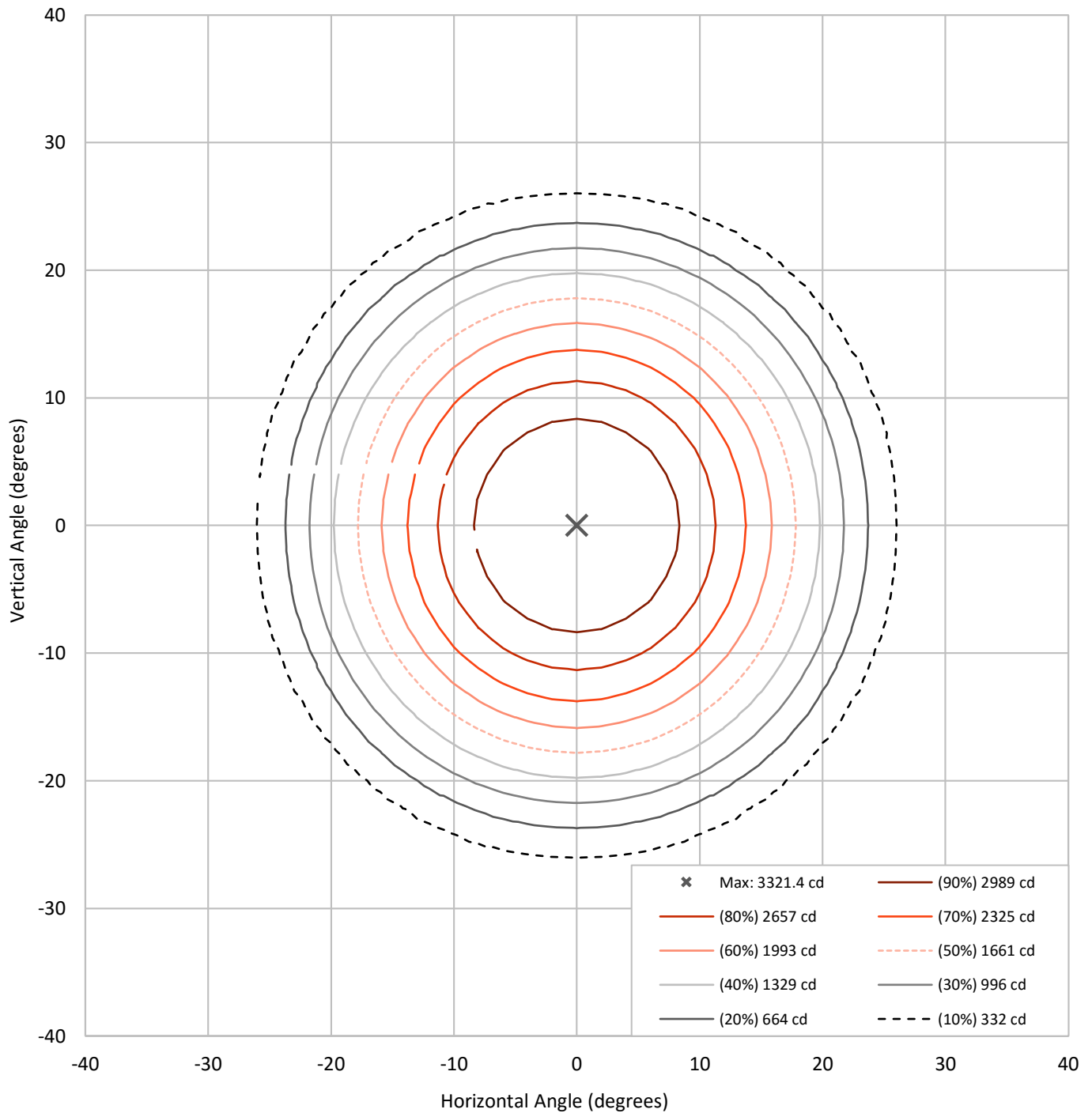
Test Method: LM-79-08
Report Number: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29474)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
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:	1138.4 lumens	Max Intensity:	3321.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.6°H x 35.6°V	Field Angle (10%):	52.1°H x 52.1°V
Beam Lumens:	759.1 lumens	Field Lumens:	1068.5 lumens
Beam Efficiency:	66.7%	Field Efficiency:	93.9%
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		

REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-BK-L2-UNV

Iso-Candela Plot





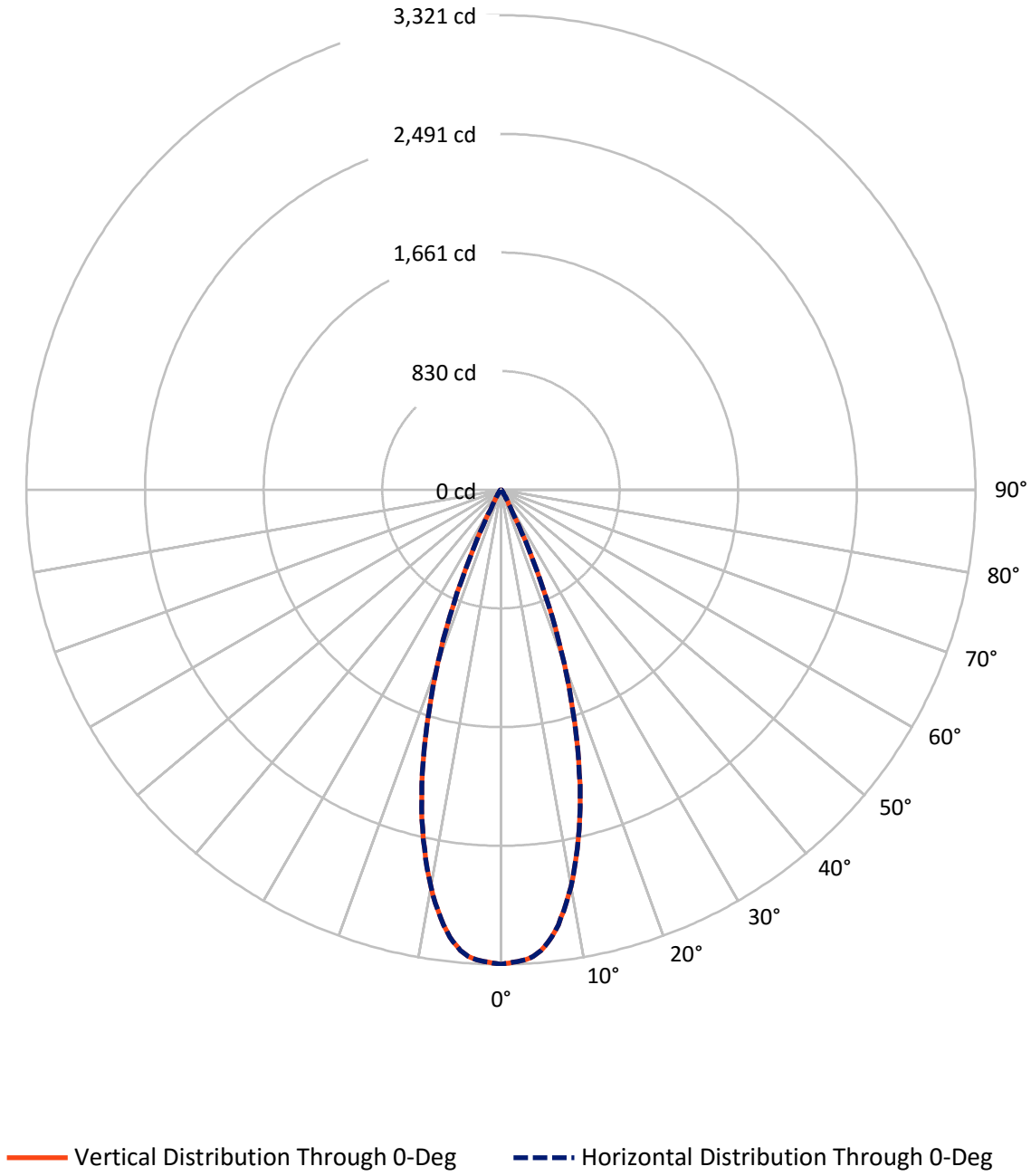
REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-BK-L2-UNV

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	
40		0.0	0.0	0.1	0.2	0.3	0.7	1.1	1.1	0.7	0.3	0.2	0.1	0.0		0.0
30	0.0	0.0	0.1	0.1	0.3	1.2	5.5	14.3	14.3	5.5	1.2	0.3	0.1	0.1	0.0	0.0
20		0.0	0.1	0.1	0.6	5.2	31.9	58.9	58.9	31.9	5.2	0.6	0.1	0.1	0.0	
10	0.0	0.0	0.1	0.2	1.0	13.2	57.2	91.0	91.0	57.2	13.2	1.0	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	1.0	13.2	57.2	91.0	91.0	57.2	13.2	1.0	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.6	5.2	31.9	58.9	58.9	31.9	5.2	0.6	0.1	0.1	0.0	0.0
-20		0.0	0.1	0.1	0.3	1.2	5.5	14.3	14.3	5.5	1.2	0.3	0.1	0.1	0.0	
-30	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.1	1.1	0.7	0.3	0.2	0.1	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-60		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	0.0	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	
-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	

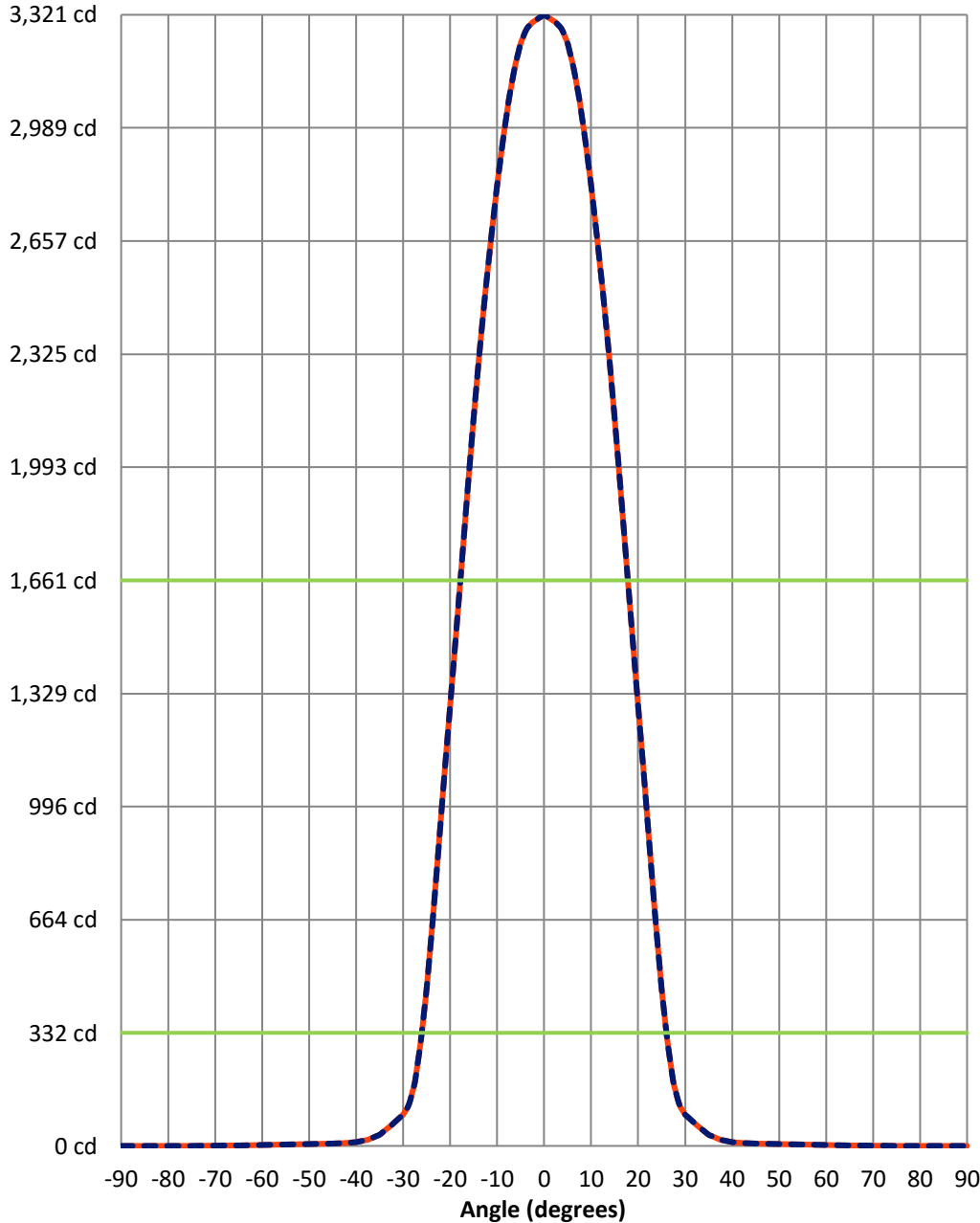
REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-BK-L2-UNV

Luminous Intensity Plot



Beam:
H Angle: 35.6°
V Angle: 35.6°
Lumens: 759.1
Efficiency: 66.7%

Field:
H Angle: 52.1°
V Angle: 52.1°
Lumens: 1068.5
Efficiency: 93.9%

Spill:
Lumens: 69.9
Efficiency: 6.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	1
47.5°	0	0	0	0	0	0	0	0	0	0	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	0	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	0	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	1	1	1	1	1
35°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	0	0	0	0	0	1	1	1	1	1
32.5°	0	0	0	0	0	0	1	1	1	1	1
31.25°	0	0	0	0	0	1	1	1	1	1	1
30°	0	0	0	0	0	1	1	1	1	1	1
28.75°	0	0	0	0	0	1	1	1	1	1	1
27.5°	0	0	0	0	0	1	1	1	1	1	1
26.25°	0	0	0	0	0	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	1	1	1	1	1	1	1	1
13.75°	0	0	0	1	1	1	1	1	1	1	2
12.5°	0	0	0	1	1	1	1	1	1	1	2
11.25°	0	0	0	1	1	1	1	1	1	1	2
10°	0	0	0	1	1	1	1	1	1	1	2
8.75°	0	0	0	1	1	1	1	1	1	1	2
7.5°	0	0	0	1	1	1	1	1	1	1	2
6.25°	0	0	0	1	1	1	1	1	1	1	2
5°	0	0	0	1	1	1	1	1	1	1	2
3.75°	0	0	0	1	1	1	1	1	1	1	2
2.5°	0	0	0	1	1	1	1	1	1	1	2
1.25°	0	0	0	1	1	1	1	1	1	1	2
0°	0	0	0	1	1	1	1	1	1	1	2
-1.25°	0	0	0	1	1	1	1	1	1	1	2
-2.5°	0	0	0	1	1	1	1	1	1	1	2
-3.75°	0	0	0	1	1	1	1	1	1	1	2
-5°	0	0	0	1	1	1	1	1	1	1	2
-6.25°	0	0	0	1	1	1	1	1	1	1	2
-7.5°	0	0	0	1	1	1	1	1	1	1	2
-8.75°	0	0	0	1	1	1	1	1	1	1	2
-10°	0	0	0	1	1	1	1	1	1	1	2
-11.25°	0	0	0	1	1	1	1	1	1	1	2
-12.5°	0	0	0	1	1	1	1	1	1	1	2
-13.75°	0	0	0	1	1	1	1	1	1	1	2
-15°	0	0	0	1	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	0	0	0	0	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	0	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-28.75°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	0	1	1	1	1	1
-33.75°	0	0	0	0	0	0	1	1	1	1	1
-35°	0	0	0	0	0	0	1	1	1	1	1
-36.25°	0	0	0	0	0	0	1	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	0	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	0	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	1	1	1	1	1	1
56.25°	0	0	0	0	1	1	1	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
53.75°	0	0	1	1	1	1	1	1	1	1	1
52.5°	0	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	2
46.25°	1	1	1	1	1	1	1	1	1	2	2
45°	1	1	1	1	1	1	1	1	2	2	2
43.75°	1	1	1	1	1	1	1	1	2	2	2
42.5°	1	1	1	1	1	1	1	2	2	2	2
41.25°	1	1	1	1	1	1	2	2	2	2	2
40°	1	1	1	1	1	1	2	2	2	2	3
38.75°	1	1	1	1	1	2	2	2	2	3	3
37.5°	1	1	1	1	1	2	2	2	2	3	3
36.25°	1	1	1	1	2	2	2	2	3	3	3
35°	1	1	1	1	2	2	2	3	3	3	3



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	1	1	1	2	2	2	2	3	3	3	3
32.5°	1	1	1	2	2	2	3	3	3	3	4
31.25°	1	1	1	2	2	2	3	3	3	3	4
30°	1	1	2	2	2	2	3	3	3	4	4
28.75°	1	1	2	2	2	3	3	3	3	4	4
27.5°	1	1	2	2	2	3	3	3	4	4	4
26.25°	1	2	2	2	2	3	3	3	4	4	4
25°	1	2	2	2	3	3	3	3	4	4	4
23.75°	1	2	2	2	3	3	3	4	4	4	4
22.5°	1	2	2	2	3	3	3	4	4	4	5
21.25°	2	2	2	2	3	3	3	4	4	4	5
20°	2	2	2	3	3	3	4	4	4	4	5
18.75°	2	2	2	3	3	3	4	4	4	5	5
17.5°	2	2	2	3	3	3	4	4	4	5	5
16.25°	2	2	2	3	3	3	4	4	4	5	5
15°	2	2	2	3	3	3	4	4	4	5	5
13.75°	2	2	3	3	3	4	4	4	5	5	5
12.5°	2	2	3	3	3	4	4	4	5	5	5
11.25°	2	2	3	3	3	4	4	4	5	5	5
10°	2	2	3	3	3	4	4	4	5	5	5
8.75°	2	2	3	3	3	4	4	4	5	5	5
7.5°	2	2	3	3	3	4	4	4	5	5	5
6.25°	2	2	3	3	3	4	4	4	5	5	6
5°	2	2	3	3	3	4	4	5	5	5	6
3.75°	2	2	3	3	3	4	4	5	5	5	6
2.5°	2	2	3	3	3	4	4	5	5	5	6
1.25°	2	2	3	3	3	4	4	5	5	5	6
0°	2	2	3	3	4	4	4	5	5	5	6
-1.25°	2	2	3	3	3	4	4	5	5	5	6
-2.5°	2	2	3	3	3	4	4	5	5	5	6
-3.75°	2	2	3	3	3	4	4	5	5	5	6
-5°	2	2	3	3	3	4	4	5	5	5	6
-6.25°	2	2	3	3	3	4	4	4	5	5	6
-7.5°	2	2	3	3	3	4	4	4	5	5	5
-8.75°	2	2	3	3	3	4	4	4	5	5	5
-10°	2	2	3	3	3	4	4	4	5	5	5
-11.25°	2	2	3	3	3	4	4	4	5	5	5
-12.5°	2	2	3	3	3	4	4	4	5	5	5
-13.75°	2	2	3	3	3	4	4	4	5	5	5
-15°	2	2	2	3	3	3	4	4	4	5	5
-16.25°	2	2	2	3	3	3	4	4	4	5	5
-17.5°	2	2	2	3	3	3	4	4	4	5	5
-18.75°	2	2	2	3	3	3	4	4	4	5	5
-20°	2	2	2	3	3	3	4	4	4	4	5
-21.25°	2	2	2	2	3	3	3	4	4	4	5



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	1	2	2	2	3	3	3	4	4	4	5
-23.75°	1	2	2	2	3	3	3	4	4	4	4
-25°	1	2	2	2	3	3	3	3	4	4	4
-26.25°	1	2	2	2	2	3	3	3	4	4	4
-27.5°	1	1	2	2	2	3	3	3	4	4	4
-28.75°	1	1	2	2	2	3	3	3	3	4	4
-30°	1	1	2	2	2	2	3	3	3	4	4
-31.25°	1	1	1	2	2	2	3	3	3	3	4
-32.5°	1	1	1	2	2	2	3	3	3	3	4
-33.75°	1	1	1	2	2	2	2	3	3	3	3
-35°	1	1	1	1	2	2	2	3	3	3	3
-36.25°	1	1	1	1	2	2	2	2	3	3	3
-37.5°	1	1	1	1	1	2	2	2	2	3	3
-38.75°	1	1	1	1	1	2	2	2	2	3	3
-40°	1	1	1	1	1	1	2	2	2	2	3
-41.25°	1	1	1	1	1	1	2	2	2	2	2
-42.5°	1	1	1	1	1	1	1	2	2	2	2
-43.75°	1	1	1	1	1	1	1	1	2	2	2
-45°	1	1	1	1	1	1	1	1	2	2	2
-46.25°	1	1	1	1	1	1	1	1	1	2	2
-47.5°	1	1	1	1	1	1	1	1	1	1	2
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	0	1	1	1	1	1	1	1	1	1	1
-53.75°	0	0	1	1	1	1	1	1	1	1	1
-55°	0	0	0	1	1	1	1	1	1	1	1
-56.25°	0	0	0	0	1	1	1	1	1	1	1
-57.5°	0	0	0	0	0	1	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	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	1
67.5°	0	0	0	0	0	0	0	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	0	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	2
56.25°	1	1	1	1	1	1	1	1	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
53.75°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	2	3
51.25°	1	1	2	2	2	2	2	2	3	3	3
50°	1	2	2	2	2	2	2	3	3	3	3
48.75°	2	2	2	2	2	3	3	3	3	3	3
47.5°	2	2	2	2	3	3	3	3	3	3	4
46.25°	2	2	2	3	3	3	3	3	4	4	4
45°	2	2	3	3	3	3	3	4	4	4	4
43.75°	2	3	3	3	3	3	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	5
41.25°	3	3	3	3	4	4	4	4	4	5	5
40°	3	3	3	4	4	4	4	4	5	5	5
38.75°	3	3	4	4	4	4	4	5	5	5	5
37.5°	3	3	4	4	4	4	5	5	5	5	6
36.25°	3	4	4	4	4	5	5	5	5	6	6
35°	4	4	4	4	5	5	5	5	6	6	6



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	4	4	4	4	5	5	5	5	6	6	6
32.5°	4	4	4	5	5	5	5	6	6	6	6
31.25°	4	4	5	5	5	5	6	6	6	6	7
30°	4	4	5	5	5	6	6	6	6	7	7
28.75°	4	5	5	5	5	6	6	6	6	7	7
27.5°	4	5	5	5	6	6	6	6	7	7	7
26.25°	5	5	5	5	6	6	6	7	7	7	8
25°	5	5	5	6	6	6	6	7	7	8	8
23.75°	5	5	5	6	6	6	7	7	7	8	8
22.5°	5	5	6	6	6	6	7	7	8	8	9
21.25°	5	5	6	6	6	7	7	7	8	9	10
20°	5	5	6	6	6	7	7	8	8	9	10
18.75°	5	6	6	6	6	7	7	8	9	10	11
17.5°	5	6	6	6	7	7	7	8	9	10	12
16.25°	5	6	6	6	7	7	8	8	9	11	13
15°	5	6	6	6	7	7	8	9	10	11	14
13.75°	6	6	6	7	7	7	8	9	10	12	16
12.5°	6	6	6	7	7	8	8	9	11	13	17
11.25°	6	6	6	7	7	8	8	10	11	14	18
10°	6	6	6	7	7	8	9	10	12	15	19
8.75°	6	6	6	7	7	8	9	10	12	16	20
7.5°	6	6	7	7	7	8	9	11	13	16	22
6.25°	6	6	7	7	8	8	9	11	14	17	23
5°	6	6	7	7	8	8	10	11	14	17	24
3.75°	6	6	7	7	8	8	10	11	14	18	25
2.5°	6	6	7	7	8	8	10	11	15	18	25
1.25°	6	6	7	7	8	8	10	11	15	18	25
0°	6	6	7	7	8	8	10	11	15	18	26
-1.25°	6	6	7	7	8	8	10	11	15	18	25
-2.5°	6	6	7	7	8	8	10	11	15	18	25
-3.75°	6	6	7	7	8	8	10	11	14	18	25
-5°	6	6	7	7	8	8	10	11	14	17	24
-6.25°	6	6	7	7	8	8	9	11	14	17	23
-7.5°	6	6	7	7	7	8	9	11	13	16	22
-8.75°	6	6	6	7	7	8	9	10	12	16	20
-10°	6	6	6	7	7	8	9	10	12	15	19
-11.25°	6	6	6	7	7	8	8	10	11	14	18
-12.5°	6	6	6	7	7	8	8	9	11	13	17
-13.75°	6	6	6	7	7	7	8	9	10	12	16
-15°	5	6	6	6	7	7	8	9	10	11	14
-16.25°	5	6	6	6	7	7	8	8	9	11	13
-17.5°	5	6	6	6	7	7	7	8	9	10	12
-18.75°	5	6	6	6	6	7	7	8	9	10	11
-20°	5	5	6	6	6	7	7	8	8	9	10
-21.25°	5	5	6	6	6	7	7	7	8	9	10



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	5	5	6	6	6	6	7	7	8	8	9
-23.75°	5	5	5	6	6	6	7	7	7	8	8
-25°	5	5	5	6	6	6	6	7	7	8	8
-26.25°	5	5	5	5	6	6	6	7	7	7	8
-27.5°	4	5	5	5	6	6	6	6	7	7	7
-28.75°	4	5	5	5	5	6	6	6	6	7	7
-30°	4	4	5	5	5	6	6	6	6	7	7
-31.25°	4	4	5	5	5	5	6	6	6	6	7
-32.5°	4	4	4	5	5	5	5	6	6	6	6
-33.75°	4	4	4	4	5	5	5	5	6	6	6
-35°	4	4	4	4	5	5	5	5	6	6	6
-36.25°	3	4	4	4	4	5	5	5	5	6	6
-37.5°	3	3	4	4	4	4	5	5	5	5	6
-38.75°	3	3	4	4	4	4	4	5	5	5	5
-40°	3	3	3	4	4	4	4	4	5	5	5
-41.25°	3	3	3	3	4	4	4	4	4	5	5
-42.5°	3	3	3	3	3	4	4	4	4	4	5
-43.75°	2	3	3	3	3	3	4	4	4	4	4
-45°	2	2	3	3	3	3	3	4	4	4	4
-46.25°	2	2	2	3	3	3	3	3	4	4	4
-47.5°	2	2	2	2	3	3	3	3	3	3	4
-48.75°	2	2	2	2	2	3	3	3	3	3	3
-50°	1	2	2	2	2	2	2	3	3	3	3
-51.25°	1	1	2	2	2	2	2	2	3	3	3
-52.5°	1	1	1	2	2	2	2	2	2	2	3
-53.75°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	1	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	1	2
-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	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	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	1	1	1
70°	0	0	0	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	1	1
61.25°	1	1	1	1	1	1	1	2	2	2	2
60°	1	1	1	1	2	2	2	2	2	2	2
58.75°	1	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	4	4
52.5°	3	3	3	3	3	3	4	4	4	4	4
51.25°	3	3	3	3	4	4	4	4	4	4	4
50°	3	3	4	4	4	4	4	4	4	4	5
48.75°	4	4	4	4	4	4	4	5	5	5	5
47.5°	4	4	4	4	4	5	5	5	5	5	5
46.25°	4	4	4	5	5	5	5	5	5	5	6
45°	4	4	5	5	5	5	5	5	6	6	6
43.75°	5	5	5	5	5	5	6	6	6	6	6
42.5°	5	5	5	5	6	6	6	6	6	6	6
41.25°	5	5	5	6	6	6	6	6	6	7	7
40°	5	5	6	6	6	6	6	7	7	7	7
38.75°	6	6	6	6	6	6	7	7	7	7	8
37.5°	6	6	6	6	7	7	7	7	8	8	8
36.25°	6	6	6	7	7	7	7	8	8	8	9
35°	6	6	7	7	7	8	8	8	9	10	10



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	6	7	7	7	8	8	8	9	10	11	12
32.5°	7	7	7	8	8	9	9	10	11	13	15
31.25°	7	7	8	8	9	10	10	11	13	15	17
30°	7	8	8	9	10	11	12	14	16	18	22
28.75°	8	8	9	10	11	12	14	16	19	23	28
27.5°	8	8	9	10	12	14	16	19	24	29	33
26.25°	8	9	10	11	14	16	19	24	29	35	44
25°	9	10	11	13	16	19	24	29	35	45	54
23.75°	10	11	13	15	18	23	29	35	45	54	64
22.5°	10	12	15	17	22	28	33	44	54	64	75
21.25°	11	13	16	20	26	32	41	52	63	74	85
20°	12	15	18	24	30	38	49	60	72	84	97
18.75°	14	17	21	27	34	45	57	69	81	94	112
17.5°	15	18	24	31	41	52	64	77	90	107	140
16.25°	16	21	27	35	47	59	72	85	101	129	187
15°	18	24	30	40	53	65	79	93	114	160	244
13.75°	19	26	33	46	58	72	86	103	137	207	312
12.5°	22	29	38	51	64	78	92	115	166	260	386
11.25°	24	31	42	55	69	84	101	133	205	316	458
10°	26	33	46	59	74	89	108	152	246	376	535
8.75°	27	36	49	63	78	93	120	182	289	432	604
7.5°	29	39	52	66	82	99	132	208	327	486	670
6.25°	30	41	55	70	85	104	143	232	367	535	728
5°	31	43	57	72	88	108	155	258	401	576	776
3.75°	32	45	59	74	90	112	169	278	427	608	816
2.5°	32	46	60	75	91	116	179	293	446	634	845
1.25°	33	47	61	76	92	119	185	301	458	649	862
0°	33	47	61	77	92	120	187	304	462	654	868
-1.25°	33	47	61	76	92	119	185	301	458	649	862
-2.5°	32	46	60	75	91	116	179	293	446	634	845
-3.75°	32	45	59	74	90	112	169	278	427	608	816
-5°	31	43	57	72	88	108	155	258	401	576	776
-6.25°	30	41	55	70	85	104	143	232	367	535	728
-7.5°	29	39	52	66	82	99	132	208	327	486	670
-8.75°	27	36	49	63	78	93	120	182	289	432	604
-10°	26	33	46	59	74	89	108	152	246	376	535
-11.25°	24	31	42	55	69	84	101	133	205	316	458
-12.5°	22	29	38	51	64	78	92	115	166	260	386
-13.75°	19	26	33	46	58	72	86	103	137	207	312
-15°	18	24	30	40	53	65	79	93	114	160	244
-16.25°	16	21	27	35	47	59	72	85	101	129	187
-17.5°	15	18	24	31	41	52	64	77	90	107	140
-18.75°	14	17	21	27	34	45	57	69	81	94	112
-20°	12	15	18	24	30	38	49	60	72	84	97
-21.25°	11	13	16	20	26	32	41	52	63	74	85



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	10	12	15	17	22	28	33	44	54	64	75
-23.75°	10	11	13	15	18	23	29	35	45	54	64
-25°	9	10	11	13	16	19	24	29	35	45	54
-26.25°	8	9	10	11	14	16	19	24	29	35	44
-27.5°	8	8	9	10	12	14	16	19	24	29	33
-28.75°	8	8	9	10	11	12	14	16	19	23	28
-30°	7	8	8	9	10	11	12	14	16	18	22
-31.25°	7	7	8	8	9	10	10	11	13	15	17
-32.5°	7	7	7	8	8	9	9	10	11	13	15
-33.75°	6	7	7	7	8	8	8	9	10	11	12
-35°	6	6	7	7	7	8	8	8	9	10	10
-36.25°	6	6	6	7	7	7	7	8	8	8	9
-37.5°	6	6	6	6	7	7	7	7	8	8	8
-38.75°	6	6	6	6	6	6	7	7	7	7	8
-40°	5	5	6	6	6	6	6	7	7	7	7
-41.25°	5	5	5	6	6	6	6	6	6	7	7
-42.5°	5	5	5	5	6	6	6	6	6	6	6
-43.75°	5	5	5	5	5	5	6	6	6	6	6
-45°	4	4	5	5	5	5	5	5	6	6	6
-46.25°	4	4	4	5	5	5	5	5	5	5	6
-47.5°	4	4	4	4	4	5	5	5	5	5	5
-48.75°	4	4	4	4	4	4	4	5	5	5	5
-50°	3	3	4	4	4	4	4	4	4	4	5
-51.25°	3	3	3	3	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	4	4
-55°	2	2	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	3	3	3
-58.75°	1	2	2	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	1	2	2	2	2
-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	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	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	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	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	3	3	3	3	3
58.75°	2	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	4	4	4	4	4
55°	3	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	5	5	5	5	5
51.25°	4	4	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	6	6	6	6	6
47.5°	5	5	6	6	6	6	6	6	6	6	6
46.25°	6	6	6	6	6	6	6	6	6	6	6
45°	6	6	6	6	6	6	7	7	7	7	7
43.75°	6	6	6	7	7	7	7	7	7	7	7
42.5°	7	7	7	7	7	7	7	8	8	8	8
41.25°	7	7	7	7	8	8	8	8	8	9	9
40°	7	8	8	8	8	9	9	9	10	10	10
38.75°	8	8	9	9	9	10	10	11	11	12	12
37.5°	9	9	10	10	11	11	12	13	14	15	16
36.25°	10	10	11	12	13	14	16	17	18	19	20
35°	11	12	14	15	16	18	19	22	24	26	27



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	13	15	17	18	21	24	26	29	31	33	36
32.5°	16	18	21	24	27	30	33	38	42	46	49
31.25°	20	24	27	31	35	40	46	51	55	59	63
30°	26	30	34	41	47	53	58	64	69	74	78
28.75°	32	38	45	52	59	65	72	78	84	89	93
27.5°	41	49	57	64	72	79	86	92	101	108	120
26.25°	52	60	69	77	85	93	103	115	133	152	182
25°	63	72	81	90	101	114	137	166	205	246	289
23.75°	74	84	94	107	129	160	207	260	316	376	432
22.5°	85	97	112	140	187	244	312	386	458	535	604
21.25°	98	116	147	205	276	356	444	536	626	715	797
20°	116	150	214	295	389	490	596	705	809	909	998
18.75°	147	214	302	405	519	639	762	884	997	1100	1190
17.5°	205	295	405	529	662	798	934	1061	1176	1279	1374
16.25°	276	389	519	662	811	960	1100	1227	1345	1457	1563
15°	356	490	639	798	960	1113	1252	1386	1515	1638	1746
13.75°	444	596	762	934	1100	1252	1400	1545	1682	1808	1932
12.5°	536	705	884	1061	1227	1386	1545	1697	1842	1984	2103
11.25°	626	809	997	1176	1345	1515	1682	1842	2000	2136	2261
10°	715	909	1100	1279	1457	1638	1808	1984	2136	2279	2404
8.75°	797	998	1190	1374	1563	1746	1932	2103	2261	2404	2527
7.5°	872	1076	1268	1460	1656	1846	2037	2209	2369	2511	2637
6.25°	937	1142	1337	1537	1735	1937	2125	2302	2461	2602	2732
5°	990	1195	1395	1601	1802	2010	2199	2376	2534	2680	2813
3.75°	1031	1237	1441	1651	1858	2065	2257	2435	2593	2740	2874
2.5°	1061	1267	1474	1687	1899	2105	2300	2475	2635	2784	2919
1.25°	1079	1285	1495	1708	1924	2129	2324	2499	2661	2812	2946
0°	1085	1292	1502	1715	1932	2138	2332	2508	2669	2821	2955
-1.25°	1079	1285	1495	1708	1924	2129	2324	2499	2661	2812	2946
-2.5°	1061	1267	1474	1687	1899	2105	2300	2475	2635	2784	2919
-3.75°	1031	1237	1441	1651	1858	2065	2257	2435	2593	2740	2874
-5°	990	1195	1395	1601	1802	2010	2199	2376	2534	2680	2813
-6.25°	937	1142	1337	1537	1735	1937	2125	2302	2461	2602	2732
-7.5°	872	1076	1268	1460	1656	1846	2037	2209	2369	2511	2637
-8.75°	797	998	1190	1374	1563	1746	1932	2103	2261	2404	2527
-10°	715	909	1100	1279	1457	1638	1808	1984	2136	2279	2404
-11.25°	626	809	997	1176	1345	1515	1682	1842	2000	2136	2261
-12.5°	536	705	884	1061	1227	1386	1545	1697	1842	1984	2103
-13.75°	444	596	762	934	1100	1252	1400	1545	1682	1808	1932
-15°	356	490	639	798	960	1113	1252	1386	1515	1638	1746
-16.25°	276	389	519	662	811	960	1100	1227	1345	1457	1563
-17.5°	205	295	405	529	662	798	934	1061	1176	1279	1374
-18.75°	147	214	302	405	519	639	762	884	997	1100	1190
-20°	116	150	214	295	389	490	596	705	809	909	998
-21.25°	98	116	147	205	276	356	444	536	626	715	797



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	85	97	112	140	187	244	312	386	458	535	604
-23.75°	74	84	94	107	129	160	207	260	316	376	432
-25°	63	72	81	90	101	114	137	166	205	246	289
-26.25°	52	60	69	77	85	93	103	115	133	152	182
-27.5°	41	49	57	64	72	79	86	92	101	108	120
-28.75°	32	38	45	52	59	65	72	78	84	89	93
-30°	26	30	34	41	47	53	58	64	69	74	78
-31.25°	20	24	27	31	35	40	46	51	55	59	63
-32.5°	16	18	21	24	27	30	33	38	42	46	49
-33.75°	13	15	17	18	21	24	26	29	31	33	36
-35°	11	12	14	15	16	18	19	22	24	26	27
-36.25°	10	10	11	12	13	14	16	17	18	19	20
-37.5°	9	9	10	10	11	11	12	13	14	15	16
-38.75°	8	8	9	9	9	10	10	11	11	12	12
-40°	7	8	8	8	8	9	9	9	10	10	10
-41.25°	7	7	7	7	8	8	8	8	8	9	9
-42.5°	7	7	7	7	7	7	7	8	8	8	8
-43.75°	6	6	6	7	7	7	7	7	7	7	7
-45°	6	6	6	6	6	6	7	7	7	7	7
-46.25°	6	6	6	6	6	6	6	6	6	6	6
-47.5°	5	5	6	6	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	6	6	6	6	6
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	5	5	5	5
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	4	4	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	4	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	3	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	3	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	1	1	1	1	1	2	2	2	2	2
-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	0	0	0	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	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	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°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	7	7	7	7	7	7	7	7	7	7	7
45°	7	7	7	7	7	7	7	7	7	7	7
43.75°	7	8	8	8	8	8	8	8	8	8	8
42.5°	8	8	8	8	8	8	8	8	8	8	8
41.25°	9	9	10	10	10	10	10	10	10	10	10
40°	11	11	11	11	11	11	11	11	11	11	11
38.75°	13	14	14	14	15	15	15	15	15	14	14
37.5°	16	17	17	18	18	18	18	18	18	18	17
36.25°	22	23	24	25	25	25	26	25	25	25	24
35°	29	30	31	32	32	33	33	33	32	32	31



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	39	41	43	45	46	47	47	47	46	45	43
32.5°	52	55	57	59	60	61	61	61	60	59	57
31.25°	66	70	72	74	75	76	77	76	75	74	72
30°	82	85	88	90	91	92	92	92	91	90	88
28.75°	99	104	108	112	116	119	120	119	116	112	108
27.5°	132	143	155	169	179	185	187	185	179	169	155
26.25°	208	232	258	278	293	301	304	301	293	278	258
25°	327	367	401	427	446	458	462	458	446	427	401
23.75°	486	535	576	608	634	649	654	649	634	608	576
22.5°	670	728	776	816	845	862	868	862	845	816	776
21.25°	872	937	990	1031	1061	1079	1085	1079	1061	1031	990
20°	1076	1142	1195	1237	1267	1285	1292	1285	1267	1237	1195
18.75°	1268	1337	1395	1441	1474	1495	1502	1495	1474	1441	1395
17.5°	1460	1537	1601	1651	1687	1708	1715	1708	1687	1651	1601
16.25°	1656	1735	1802	1858	1899	1924	1932	1924	1899	1858	1802
15°	1846	1937	2010	2065	2105	2129	2138	2129	2105	2065	2010
13.75°	2037	2125	2199	2257	2300	2324	2332	2324	2300	2257	2199
12.5°	2209	2302	2376	2435	2475	2499	2508	2499	2475	2435	2376
11.25°	2369	2461	2534	2593	2635	2661	2669	2661	2635	2593	2534
10°	2511	2602	2680	2740	2784	2812	2821	2812	2784	2740	2680
8.75°	2637	2732	2813	2874	2919	2946	2955	2946	2919	2874	2813
7.5°	2750	2848	2929	2991	3038	3064	3073	3064	3038	2991	2929
6.25°	2848	2947	3029	3092	3135	3160	3168	3160	3135	3092	3029
5°	2929	3029	3111	3168	3207	3229	3238	3229	3207	3168	3111
3.75°	2991	3092	3168	3222	3257	3277	3281	3277	3257	3222	3168
2.5°	3038	3135	3207	3257	3284	3296	3299	3296	3284	3257	3207
1.25°	3064	3160	3229	3277	3296	3306	3311	3306	3296	3277	3229
0°	3073	3168	3238	3281	3299	3311	3321	3311	3299	3281	3238
-1.25°	3064	3160	3229	3277	3296	3306	3311	3306	3296	3277	3229
-2.5°	3038	3135	3207	3257	3284	3296	3299	3296	3284	3257	3207
-3.75°	2991	3092	3168	3222	3257	3277	3281	3277	3257	3222	3168
-5°	2929	3029	3111	3168	3207	3229	3238	3229	3207	3168	3111
-6.25°	2848	2947	3029	3092	3135	3160	3168	3160	3135	3092	3029
-7.5°	2750	2848	2929	2991	3038	3064	3073	3064	3038	2991	2929
-8.75°	2637	2732	2813	2874	2919	2946	2955	2946	2919	2874	2813
-10°	2511	2602	2680	2740	2784	2812	2821	2812	2784	2740	2680
-11.25°	2369	2461	2534	2593	2635	2661	2669	2661	2635	2593	2534
-12.5°	2209	2302	2376	2435	2475	2499	2508	2499	2475	2435	2376
-13.75°	2037	2125	2199	2257	2300	2324	2332	2324	2300	2257	2199
-15°	1846	1937	2010	2065	2105	2129	2138	2129	2105	2065	2010
-16.25°	1656	1735	1802	1858	1899	1924	1932	1924	1899	1858	1802
-17.5°	1460	1537	1601	1651	1687	1708	1715	1708	1687	1651	1601
-18.75°	1268	1337	1395	1441	1474	1495	1502	1495	1474	1441	1395
-20°	1076	1142	1195	1237	1267	1285	1292	1285	1267	1237	1195
-21.25°	872	937	990	1031	1061	1079	1085	1079	1061	1031	990



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	670	728	776	816	845	862	868	862	845	816	776
-23.75°	486	535	576	608	634	649	654	649	634	608	576
-25°	327	367	401	427	446	458	462	458	446	427	401
-26.25°	208	232	258	278	293	301	304	301	293	278	258
-27.5°	132	143	155	169	179	185	187	185	179	169	155
-28.75°	99	104	108	112	116	119	120	119	116	112	108
-30°	82	85	88	90	91	92	92	92	91	90	88
-31.25°	66	70	72	74	75	76	77	76	75	74	72
-32.5°	52	55	57	59	60	61	61	61	60	59	57
-33.75°	39	41	43	45	46	47	47	47	46	45	43
-35°	29	30	31	32	32	33	33	33	32	32	31
-36.25°	22	23	24	25	25	25	26	25	25	25	24
-37.5°	16	17	17	18	18	18	18	18	18	18	17
-38.75°	13	14	14	14	15	15	15	15	15	14	14
-40°	11	11	11	11	11	11	11	11	11	11	11
-41.25°	9	9	10	10	10	10	10	10	10	10	10
-42.5°	8	8	8	8	8	8	8	8	8	8	8
-43.75°	7	8	8	8	8	8	8	8	8	8	8
-45°	7	7	7	7	7	7	7	7	7	7	7
-46.25°	7	7	7	7	7	7	7	7	7	7	7
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	5	6	6	6	6	6	6	6	6	6	6
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	4	4	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	4	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-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°	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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	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	2	2	2	2	2	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	4	3	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	4	4	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	6	5	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	6	6	5	5	5	5
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	7	7	6	6	6	6	6	6	6	6	6
45°	7	7	7	7	7	7	7	6	6	6	6
43.75°	8	7	7	7	7	7	7	7	7	7	6
42.5°	8	8	8	8	8	8	7	7	7	7	7
41.25°	9	9	9	9	8	8	8	8	8	7	7
40°	11	11	10	10	10	9	9	9	8	8	8
38.75°	14	13	12	12	11	11	10	10	9	9	9
37.5°	17	16	16	15	14	13	12	11	11	10	10
36.25°	23	22	20	19	18	17	16	14	13	12	11
35°	30	29	27	26	24	22	19	18	16	15	14

REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	41	39	36	33	31	29	26	24	21	18	17
32.5°	55	52	49	46	42	38	33	30	27	24	21
31.25°	70	66	63	59	55	51	46	40	35	31	27
30°	85	82	78	74	69	64	58	53	47	41	34
28.75°	104	99	93	89	84	78	72	65	59	52	45
27.5°	143	132	120	108	101	92	86	79	72	64	57
26.25°	232	208	182	152	133	115	103	93	85	77	69
25°	367	327	289	246	205	166	137	114	101	90	81
23.75°	535	486	432	376	316	260	207	160	129	107	94
22.5°	728	670	604	535	458	386	312	244	187	140	112
21.25°	937	872	797	715	626	536	444	356	276	205	147
20°	1142	1076	998	909	809	705	596	490	389	295	214
18.75°	1337	1268	1190	1100	997	884	762	639	519	405	302
17.5°	1537	1460	1374	1279	1176	1061	934	798	662	529	405
16.25°	1735	1656	1563	1457	1345	1227	1100	960	811	662	519
15°	1937	1846	1746	1638	1515	1386	1252	1113	960	798	639
13.75°	2125	2037	1932	1808	1682	1545	1400	1252	1100	934	762
12.5°	2302	2209	2103	1984	1842	1697	1545	1386	1227	1061	884
11.25°	2461	2369	2261	2136	2000	1842	1682	1515	1345	1176	997
10°	2602	2511	2404	2279	2136	1984	1808	1638	1457	1279	1100
8.75°	2732	2637	2527	2404	2261	2103	1932	1746	1563	1374	1190
7.5°	2848	2750	2637	2511	2369	2209	2037	1846	1656	1460	1268
6.25°	2947	2848	2732	2602	2461	2302	2125	1937	1735	1537	1337
5°	3029	2929	2813	2680	2534	2376	2199	2010	1802	1601	1395
3.75°	3092	2991	2874	2740	2593	2435	2257	2065	1858	1651	1441
2.5°	3135	3038	2919	2784	2635	2475	2300	2105	1899	1687	1474
1.25°	3160	3064	2946	2812	2661	2499	2324	2129	1924	1708	1495
0°	3168	3073	2955	2821	2669	2508	2332	2138	1932	1715	1502
-1.25°	3160	3064	2946	2812	2661	2499	2324	2129	1924	1708	1495
-2.5°	3135	3038	2919	2784	2635	2475	2300	2105	1899	1687	1474
-3.75°	3092	2991	2874	2740	2593	2435	2257	2065	1858	1651	1441
-5°	3029	2929	2813	2680	2534	2376	2199	2010	1802	1601	1395
-6.25°	2947	2848	2732	2602	2461	2302	2125	1937	1735	1537	1337
-7.5°	2848	2750	2637	2511	2369	2209	2037	1846	1656	1460	1268
-8.75°	2732	2637	2527	2404	2261	2103	1932	1746	1563	1374	1190
-10°	2602	2511	2404	2279	2136	1984	1808	1638	1457	1279	1100
-11.25°	2461	2369	2261	2136	2000	1842	1682	1515	1345	1176	997
-12.5°	2302	2209	2103	1984	1842	1697	1545	1386	1227	1061	884
-13.75°	2125	2037	1932	1808	1682	1545	1400	1252	1100	934	762
-15°	1937	1846	1746	1638	1515	1386	1252	1113	960	798	639
-16.25°	1735	1656	1563	1457	1345	1227	1100	960	811	662	519
-17.5°	1537	1460	1374	1279	1176	1061	934	798	662	529	405
-18.75°	1337	1268	1190	1100	997	884	762	639	519	405	302
-20°	1142	1076	998	909	809	705	596	490	389	295	214
-21.25°	937	872	797	715	626	536	444	356	276	205	147



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	728	670	604	535	458	386	312	244	187	140	112
-23.75°	535	486	432	376	316	260	207	160	129	107	94
-25°	367	327	289	246	205	166	137	114	101	90	81
-26.25°	232	208	182	152	133	115	103	93	85	77	69
-27.5°	143	132	120	108	101	92	86	79	72	64	57
-28.75°	104	99	93	89	84	78	72	65	59	52	45
-30°	85	82	78	74	69	64	58	53	47	41	34
-31.25°	70	66	63	59	55	51	46	40	35	31	27
-32.5°	55	52	49	46	42	38	33	30	27	24	21
-33.75°	41	39	36	33	31	29	26	24	21	18	17
-35°	30	29	27	26	24	22	19	18	16	15	14
-36.25°	23	22	20	19	18	17	16	14	13	12	11
-37.5°	17	16	16	15	14	13	12	11	11	10	10
-38.75°	14	13	12	12	11	11	10	10	9	9	9
-40°	11	11	10	10	10	9	9	9	8	8	8
-41.25°	9	9	9	9	8	8	8	8	8	7	7
-42.5°	8	8	8	8	8	8	7	7	7	7	7
-43.75°	8	7	7	7	7	7	7	7	7	7	6
-45°	7	7	7	7	7	7	7	6	6	6	6
-46.25°	7	7	6	6	6	6	6	6	6	6	6
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	5	5	5	5
-50°	6	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	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	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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	0	0	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	0
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	1	1	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	2	1	1
58.75°	3	2	2	2	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	2	2	2
55°	4	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	3	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	3	3
50°	5	5	5	4	4	4	4	4	4	4	4
48.75°	5	5	5	5	5	5	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	5	4	4	4
46.25°	6	6	6	5	5	5	5	5	5	5	4
45°	6	6	6	6	6	5	5	5	5	5	5
43.75°	6	6	6	6	6	6	6	5	5	5	5
42.5°	7	7	6	6	6	6	6	6	6	5	5
41.25°	7	7	7	7	6	6	6	6	6	6	5
40°	8	7	7	7	7	7	6	6	6	6	6
38.75°	8	8	8	7	7	7	7	6	6	6	6
37.5°	9	9	8	8	8	7	7	7	7	6	6
36.25°	10	10	9	8	8	8	7	7	7	7	6
35°	12	11	10	10	9	8	8	8	7	7	7



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	15	13	12	11	10	9	8	8	8	7	7
32.5°	18	16	15	13	11	10	9	9	8	8	7
31.25°	24	20	17	15	13	11	10	10	9	8	8
30°	30	26	22	18	16	14	12	11	10	9	8
28.75°	38	32	28	23	19	16	14	12	11	10	9
27.5°	49	41	33	29	24	19	16	14	12	10	9
26.25°	60	52	44	35	29	24	19	16	14	11	10
25°	72	63	54	45	35	29	24	19	16	13	11
23.75°	84	74	64	54	45	35	29	23	18	15	13
22.5°	97	85	75	64	54	44	33	28	22	17	15
21.25°	116	98	85	74	63	52	41	32	26	20	16
20°	150	116	97	84	72	60	49	38	30	24	18
18.75°	214	147	112	94	81	69	57	45	34	27	21
17.5°	295	205	140	107	90	77	64	52	41	31	24
16.25°	389	276	187	129	101	85	72	59	47	35	27
15°	490	356	244	160	114	93	79	65	53	40	30
13.75°	596	444	312	207	137	103	86	72	58	46	33
12.5°	705	536	386	260	166	115	92	78	64	51	38
11.25°	809	626	458	316	205	133	101	84	69	55	42
10°	909	715	535	376	246	152	108	89	74	59	46
8.75°	998	797	604	432	289	182	120	93	78	63	49
7.5°	1076	872	670	486	327	208	132	99	82	66	52
6.25°	1142	937	728	535	367	232	143	104	85	70	55
5°	1195	990	776	576	401	258	155	108	88	72	57
3.75°	1237	1031	816	608	427	278	169	112	90	74	59
2.5°	1267	1061	845	634	446	293	179	116	91	75	60
1.25°	1285	1079	862	649	458	301	185	119	92	76	61
0°	1292	1085	868	654	462	304	187	120	92	77	61
-1.25°	1285	1079	862	649	458	301	185	119	92	76	61
-2.5°	1267	1061	845	634	446	293	179	116	91	75	60
-3.75°	1237	1031	816	608	427	278	169	112	90	74	59
-5°	1195	990	776	576	401	258	155	108	88	72	57
-6.25°	1142	937	728	535	367	232	143	104	85	70	55
-7.5°	1076	872	670	486	327	208	132	99	82	66	52
-8.75°	998	797	604	432	289	182	120	93	78	63	49
-10°	909	715	535	376	246	152	108	89	74	59	46
-11.25°	809	626	458	316	205	133	101	84	69	55	42
-12.5°	705	536	386	260	166	115	92	78	64	51	38
-13.75°	596	444	312	207	137	103	86	72	58	46	33
-15°	490	356	244	160	114	93	79	65	53	40	30
-16.25°	389	276	187	129	101	85	72	59	47	35	27
-17.5°	295	205	140	107	90	77	64	52	41	31	24
-18.75°	214	147	112	94	81	69	57	45	34	27	21
-20°	150	116	97	84	72	60	49	38	30	24	18
-21.25°	116	98	85	74	63	52	41	32	26	20	16



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	97	85	75	64	54	44	33	28	22	17	15
-23.75°	84	74	64	54	45	35	29	23	18	15	13
-25°	72	63	54	45	35	29	24	19	16	13	11
-26.25°	60	52	44	35	29	24	19	16	14	11	10
-27.5°	49	41	33	29	24	19	16	14	12	10	9
-28.75°	38	32	28	23	19	16	14	12	11	10	9
-30°	30	26	22	18	16	14	12	11	10	9	8
-31.25°	24	20	17	15	13	11	10	10	9	8	8
-32.5°	18	16	15	13	11	10	9	9	8	8	7
-33.75°	15	13	12	11	10	9	8	8	8	7	7
-35°	12	11	10	10	9	8	8	8	7	7	7
-36.25°	10	10	9	8	8	8	7	7	7	7	6
-37.5°	9	9	8	8	8	7	7	7	7	6	6
-38.75°	8	8	8	7	7	7	7	6	6	6	6
-40°	8	7	7	7	7	7	6	6	6	6	6
-41.25°	7	7	7	7	6	6	6	6	6	6	5
-42.5°	7	7	6	6	6	6	6	6	6	5	5
-43.75°	6	6	6	6	6	6	6	5	5	5	5
-45°	6	6	6	6	6	5	5	5	5	5	5
-46.25°	6	6	6	5	5	5	5	5	5	5	4
-47.5°	5	5	5	5	5	5	5	5	4	4	4
-48.75°	5	5	5	5	5	5	4	4	4	4	4
-50°	5	5	5	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	3	3
-52.5°	4	4	4	4	4	4	4	3	3	3	3
-53.75°	4	4	4	4	3	3	3	3	3	3	3
-55°	4	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	2	2	2	2	2	2
-58.75°	3	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	1	1
-61.25°	2	2	2	2	2	2	1	1	1	1	1
-62.5°	2	2	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	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	0
-71.25°	1	1	1	1	1	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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	2	1	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	1	1	1	1	1	1
55°	2	2	2	2	2	2	2	1	1	1	1
53.75°	3	3	2	2	2	2	2	2	1	1	1
52.5°	3	3	3	2	2	2	2	2	2	2	1
51.25°	3	3	3	3	3	2	2	2	2	2	2
50°	3	3	3	3	3	3	2	2	2	2	2
48.75°	4	4	3	3	3	3	3	3	2	2	2
47.5°	4	4	4	3	3	3	3	3	3	2	2
46.25°	4	4	4	4	4	3	3	3	3	3	2
45°	4	4	4	4	4	4	3	3	3	3	3
43.75°	5	5	4	4	4	4	4	3	3	3	3
42.5°	5	5	5	4	4	4	4	4	3	3	3
41.25°	5	5	5	5	4	4	4	4	4	3	3
40°	5	5	5	5	5	4	4	4	4	4	3
38.75°	6	6	5	5	5	5	4	4	4	4	4
37.5°	6	6	6	5	5	5	5	4	4	4	4
36.25°	6	6	6	6	5	5	5	5	4	4	4
35°	6	6	6	6	6	5	5	5	5	4	4



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	7	6	6	6	6	5	5	5	5	4	4
32.5°	7	7	6	6	6	6	5	5	5	5	4
31.25°	7	7	7	6	6	6	6	5	5	5	5
30°	8	7	7	7	6	6	6	6	5	5	5
28.75°	8	8	7	7	6	6	6	6	5	5	5
27.5°	8	8	7	7	7	6	6	6	6	5	5
26.25°	9	8	8	7	7	7	6	6	6	5	5
25°	10	9	8	8	7	7	6	6	6	6	5
23.75°	11	10	8	8	7	7	7	6	6	6	5
22.5°	12	10	9	8	8	7	7	6	6	6	6
21.25°	13	11	10	9	8	7	7	7	6	6	6
20°	15	12	10	9	8	8	7	7	6	6	6
18.75°	17	14	11	10	9	8	7	7	6	6	6
17.5°	18	15	12	10	9	8	7	7	7	6	6
16.25°	21	16	13	11	9	8	8	7	7	6	6
15°	24	18	14	11	10	9	8	7	7	6	6
13.75°	26	19	16	12	10	9	8	7	7	7	6
12.5°	29	22	17	13	11	9	8	8	7	7	6
11.25°	31	24	18	14	11	10	8	8	7	7	6
10°	33	26	19	15	12	10	9	8	7	7	6
8.75°	36	27	20	16	12	10	9	8	7	7	6
7.5°	39	29	22	16	13	11	9	8	7	7	7
6.25°	41	30	23	17	14	11	9	8	8	7	7
5°	43	31	24	17	14	11	10	8	8	7	7
3.75°	45	32	25	18	14	11	10	8	8	7	7
2.5°	46	32	25	18	15	11	10	8	8	7	7
1.25°	47	33	25	18	15	11	10	8	8	7	7
0°	47	33	26	18	15	11	10	8	8	7	7
-1.25°	47	33	25	18	15	11	10	8	8	7	7
-2.5°	46	32	25	18	15	11	10	8	8	7	7
-3.75°	45	32	25	18	14	11	10	8	8	7	7
-5°	43	31	24	17	14	11	10	8	8	7	7
-6.25°	41	30	23	17	14	11	9	8	8	7	7
-7.5°	39	29	22	16	13	11	9	8	7	7	7
-8.75°	36	27	20	16	12	10	9	8	7	7	6
-10°	33	26	19	15	12	10	9	8	7	7	6
-11.25°	31	24	18	14	11	10	8	8	7	7	6
-12.5°	29	22	17	13	11	9	8	8	7	7	6
-13.75°	26	19	16	12	10	9	8	7	7	7	6
-15°	24	18	14	11	10	9	8	7	7	6	6
-16.25°	21	16	13	11	9	8	8	7	7	6	6
-17.5°	18	15	12	10	9	8	7	7	7	6	6
-18.75°	17	14	11	10	9	8	7	7	6	6	6
-20°	15	12	10	9	8	8	7	7	6	6	6
-21.25°	13	11	10	9	8	7	7	7	6	6	6



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	12	10	9	8	8	7	7	6	6	6	6
-23.75°	11	10	8	8	7	7	7	6	6	6	5
-25°	10	9	8	8	7	7	6	6	6	6	5
-26.25°	9	8	8	7	7	7	6	6	6	5	5
-27.5°	8	8	7	7	7	6	6	6	6	5	5
-28.75°	8	8	7	7	6	6	6	6	5	5	5
-30°	8	7	7	7	6	6	6	6	5	5	5
-31.25°	7	7	7	6	6	6	6	5	5	5	5
-32.5°	7	7	6	6	6	6	5	5	5	5	4
-33.75°	7	6	6	6	6	5	5	5	5	4	4
-35°	6	6	6	6	6	5	5	5	5	4	4
-36.25°	6	6	6	6	5	5	5	5	4	4	4
-37.5°	6	6	6	5	5	5	5	4	4	4	4
-38.75°	6	6	5	5	5	5	4	4	4	4	4
-40°	5	5	5	5	5	4	4	4	4	4	3
-41.25°	5	5	5	5	4	4	4	4	4	3	3
-42.5°	5	5	5	4	4	4	4	4	3	3	3
-43.75°	5	5	4	4	4	4	4	3	3	3	3
-45°	4	4	4	4	4	4	3	3	3	3	3
-46.25°	4	4	4	4	4	3	3	3	3	3	2
-47.5°	4	4	4	3	3	3	3	3	3	2	2
-48.75°	4	4	3	3	3	3	3	3	2	2	2
-50°	3	3	3	3	3	3	2	2	2	2	2
-51.25°	3	3	3	3	3	2	2	2	2	2	2
-52.5°	3	3	3	2	2	2	2	2	2	2	1
-53.75°	3	3	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-58.75°	2	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	0	0
-67.5°	1	1	1	1	1	1	0	0	0	0	0
-68.75°	1	1	1	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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	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	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	1	0	0	0
56.25°	1	1	1	1	1	1	1	1	1	0	0
55°	1	1	1	1	1	1	1	1	1	1	0
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	2	1	1	1	1	1	1	1	1	1	1
48.75°	2	2	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	1	1	1	1	1	1	1	1
46.25°	2	2	2	2	1	1	1	1	1	1	1
45°	2	2	2	2	2	1	1	1	1	1	1
43.75°	3	2	2	2	2	1	1	1	1	1	1
42.5°	3	3	2	2	2	2	1	1	1	1	1
41.25°	3	3	2	2	2	2	2	1	1	1	1
40°	3	3	3	2	2	2	2	1	1	1	1
38.75°	3	3	3	3	2	2	2	2	1	1	1
37.5°	3	3	3	3	2	2	2	2	1	1	1
36.25°	4	3	3	3	3	2	2	2	2	1	1
35°	4	4	3	3	3	3	2	2	2	1	1



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	4	4	3	3	3	3	2	2	2	2	1
32.5°	4	4	4	3	3	3	3	2	2	2	1
31.25°	4	4	4	3	3	3	3	2	2	2	1
30°	4	4	4	4	3	3	3	2	2	2	2
28.75°	5	4	4	4	3	3	3	3	2	2	2
27.5°	5	4	4	4	4	3	3	3	2	2	2
26.25°	5	5	4	4	4	3	3	3	2	2	2
25°	5	5	4	4	4	3	3	3	3	2	2
23.75°	5	5	4	4	4	4	3	3	3	2	2
22.5°	5	5	5	4	4	4	3	3	3	2	2
21.25°	5	5	5	4	4	4	3	3	3	2	2
20°	5	5	5	4	4	4	4	3	3	3	2
18.75°	6	5	5	5	4	4	4	3	3	3	2
17.5°	6	5	5	5	4	4	4	3	3	3	2
16.25°	6	5	5	5	4	4	4	3	3	3	2
15°	6	5	5	5	4	4	4	3	3	3	2
13.75°	6	6	5	5	5	4	4	4	3	3	3
12.5°	6	6	5	5	5	4	4	4	3	3	3
11.25°	6	6	5	5	5	4	4	4	3	3	3
10°	6	6	5	5	5	4	4	4	3	3	3
8.75°	6	6	5	5	5	4	4	4	3	3	3
7.5°	6	6	5	5	5	4	4	4	3	3	3
6.25°	6	6	6	5	5	4	4	4	3	3	3
5°	6	6	6	5	5	5	4	4	3	3	3
3.75°	6	6	6	5	5	5	4	4	3	3	3
2.5°	6	6	6	5	5	5	4	4	3	3	3
1.25°	6	6	6	5	5	5	4	4	3	3	3
0°	6	6	6	5	5	5	4	4	3	3	3
-1.25°	6	6	6	5	5	5	4	4	3	3	3
-2.5°	6	6	6	5	5	5	4	4	3	3	3
-3.75°	6	6	6	5	5	5	4	4	3	3	3
-5°	6	6	6	5	5	5	4	4	3	3	3
-6.25°	6	6	6	5	5	4	4	4	3	3	3
-7.5°	6	6	5	5	5	4	4	4	3	3	3
-8.75°	6	6	5	5	5	4	4	4	3	3	3
-10°	6	6	5	5	5	4	4	4	3	3	3
-11.25°	6	6	5	5	5	4	4	4	3	3	3
-12.5°	6	6	5	5	5	4	4	4	3	3	3
-13.75°	6	6	5	5	5	4	4	4	3	3	3
-15°	6	5	5	5	4	4	4	3	3	3	2
-16.25°	6	5	5	5	4	4	4	3	3	3	2
-17.5°	6	5	5	5	4	4	4	3	3	3	2
-18.75°	6	5	5	5	4	4	4	3	3	3	2
-20°	5	5	5	4	4	4	4	3	3	3	2
-21.25°	5	5	5	4	4	4	3	3	3	2	2



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	5	5	5	4	4	4	3	3	3	2	2
-23.75°	5	5	4	4	4	4	3	3	3	2	2
-25°	5	5	4	4	4	3	3	3	3	2	2
-26.25°	5	5	4	4	4	3	3	3	2	2	2
-27.5°	5	4	4	4	4	3	3	3	2	2	2
-28.75°	5	4	4	4	3	3	3	3	2	2	2
-30°	4	4	4	4	3	3	3	2	2	2	2
-31.25°	4	4	4	3	3	3	3	2	2	2	1
-32.5°	4	4	4	3	3	3	3	2	2	2	1
-33.75°	4	4	3	3	3	3	2	2	2	2	1
-35°	4	4	3	3	3	3	2	2	2	1	1
-36.25°	4	3	3	3	3	2	2	2	2	1	1
-37.5°	3	3	3	3	2	2	2	2	1	1	1
-38.75°	3	3	3	3	2	2	2	2	1	1	1
-40°	3	3	3	2	2	2	2	1	1	1	1
-41.25°	3	3	2	2	2	2	2	1	1	1	1
-42.5°	3	3	2	2	2	2	1	1	1	1	1
-43.75°	3	2	2	2	2	1	1	1	1	1	1
-45°	2	2	2	2	2	1	1	1	1	1	1
-46.25°	2	2	2	2	1	1	1	1	1	1	1
-47.5°	2	2	2	1	1	1	1	1	1	1	1
-48.75°	2	2	1	1	1	1	1	1	1	1	1
-50°	2	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	0
-56.25°	1	1	1	1	1	1	1	1	1	0	0
-57.5°	1	1	1	1	1	1	1	1	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0	0	0	0	0
51.25°	1	1	0	0	0	0	0	0	0	0	0
50°	1	1	0	0	0	0	0	0	0	0	0
48.75°	1	1	1	0	0	0	0	0	0	0	0
47.5°	1	1	1	0	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	1	1	1	1	0	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	0	0	0	0	0	0
41.25°	1	1	1	1	1	0	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	1	0	0	0	0
35°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	1	1	1	1	1	1	1	0	0	0	0
32.5°	1	1	1	1	1	1	1	0	0	0	0
31.25°	1	1	1	1	1	1	1	1	0	0	0
30°	1	1	1	1	1	1	1	1	0	0	0
28.75°	1	1	1	1	1	1	1	1	0	0	0
27.5°	1	1	1	1	1	1	1	1	0	0	0
26.25°	2	1	1	1	1	1	1	1	0	0	0
25°	2	1	1	1	1	1	1	1	1	0	0
23.75°	2	1	1	1	1	1	1	1	1	0	0
22.5°	2	1	1	1	1	1	1	1	1	0	0
21.25°	2	2	1	1	1	1	1	1	1	0	0
20°	2	2	1	1	1	1	1	1	1	0	0
18.75°	2	2	1	1	1	1	1	1	1	0	0
17.5°	2	2	1	1	1	1	1	1	1	0	0
16.25°	2	2	1	1	1	1	1	1	1	0	0
15°	2	2	1	1	1	1	1	1	1	1	0
13.75°	2	2	2	1	1	1	1	1	1	1	0
12.5°	2	2	2	1	1	1	1	1	1	1	0
11.25°	2	2	2	1	1	1	1	1	1	1	0
10°	2	2	2	1	1	1	1	1	1	1	0
8.75°	2	2	2	1	1	1	1	1	1	1	0
7.5°	2	2	2	1	1	1	1	1	1	1	0
6.25°	2	2	2	1	1	1	1	1	1	1	0
5°	2	2	2	1	1	1	1	1	1	1	0
3.75°	2	2	2	1	1	1	1	1	1	1	0
2.5°	2	2	2	1	1	1	1	1	1	1	0
1.25°	2	2	2	1	1	1	1	1	1	1	0
0°	2	2	2	1	1	1	1	1	1	1	0
-1.25°	2	2	2	1	1	1	1	1	1	1	0
-2.5°	2	2	2	1	1	1	1	1	1	1	0
-3.75°	2	2	2	1	1	1	1	1	1	1	0
-5°	2	2	2	1	1	1	1	1	1	1	0
-6.25°	2	2	2	1	1	1	1	1	1	1	0
-7.5°	2	2	2	1	1	1	1	1	1	1	0
-8.75°	2	2	2	1	1	1	1	1	1	1	0
-10°	2	2	2	1	1	1	1	1	1	1	0
-11.25°	2	2	2	1	1	1	1	1	1	1	0
-12.5°	2	2	2	1	1	1	1	1	1	1	0
-13.75°	2	2	2	1	1	1	1	1	1	1	0
-15°	2	2	1	1	1	1	1	1	1	1	0
-16.25°	2	2	1	1	1	1	1	1	1	0	0
-17.5°	2	2	1	1	1	1	1	1	1	0	0
-18.75°	2	2	1	1	1	1	1	1	1	0	0
-20°	2	2	1	1	1	1	1	1	1	0	0
-21.25°	2	2	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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	1	1	1	1	1	1	1	1	0	0
-23.75°	2	1	1	1	1	1	1	1	1	0	0
-25°	2	1	1	1	1	1	1	1	1	0	0
-26.25°	2	1	1	1	1	1	1	1	0	0	0
-27.5°	1	1	1	1	1	1	1	1	0	0	0
-28.75°	1	1	1	1	1	1	1	1	0	0	0
-30°	1	1	1	1	1	1	1	1	0	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	0	0	0	0
-33.75°	1	1	1	1	1	1	1	0	0	0	0
-35°	1	1	1	1	1	1	1	0	0	0	0
-36.25°	1	1	1	1	1	1	1	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	0	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	0	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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°	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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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)