

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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

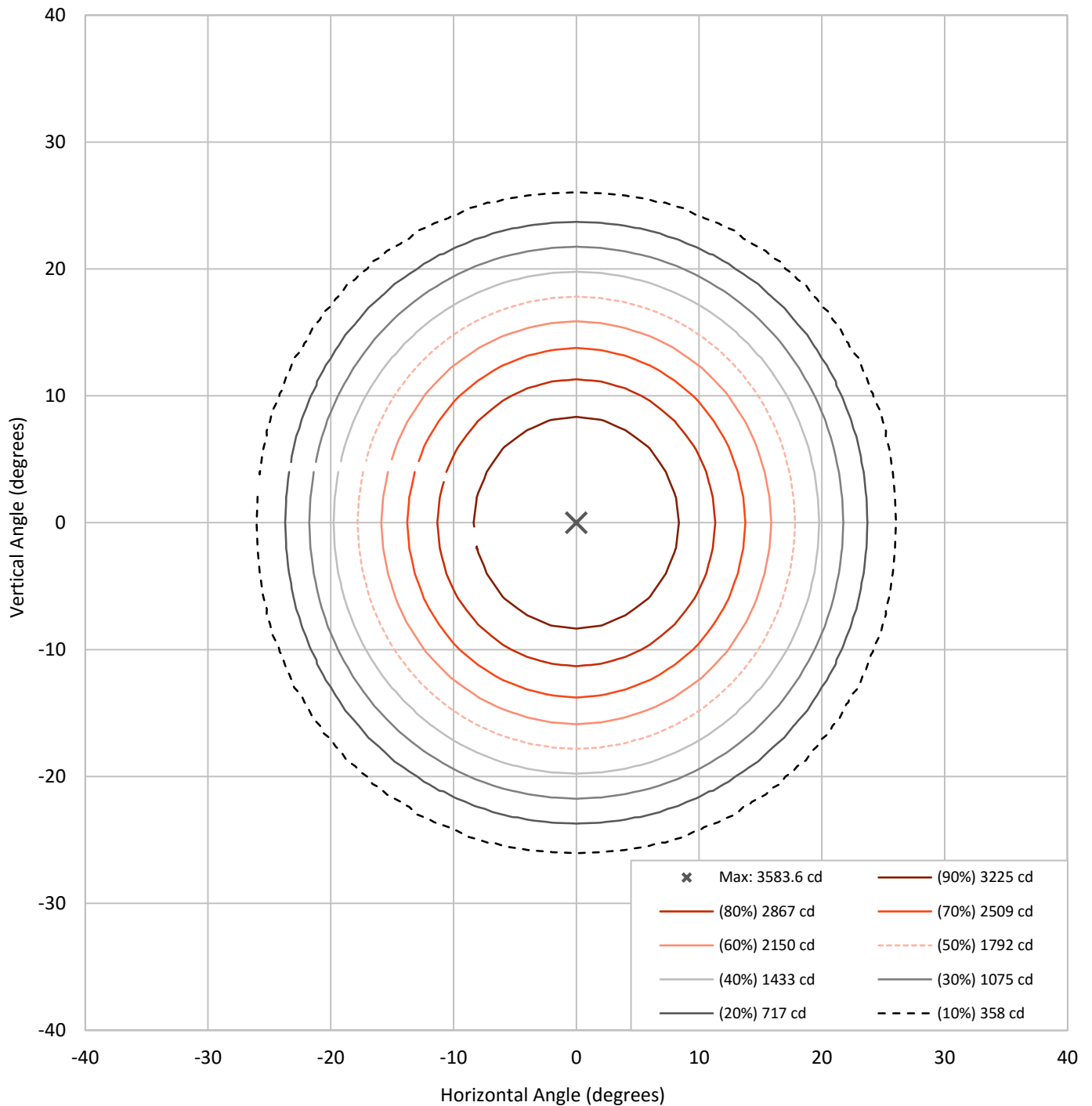
Test Method: LM-79-08
Report Number: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29474)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1228.2 lumens	Max Intensity:	3583.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.1 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:	819 lumens	Field Lumens:	1152.8 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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L2-UNV

Iso-Candela Plot





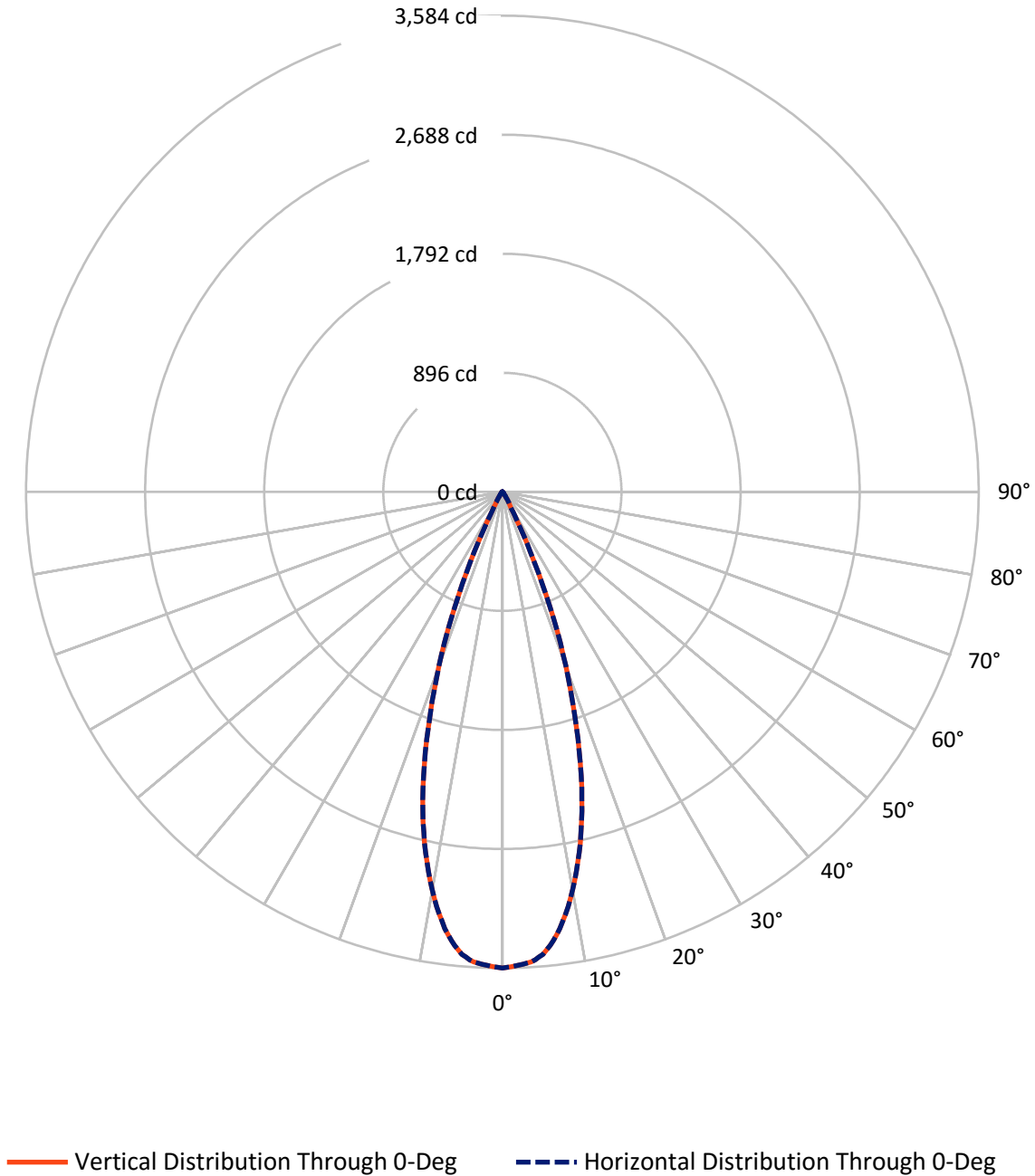
REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L2-UNV

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	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	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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	0.1	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	0.2	0.1	0.1	0.0	0.0	0.0	
40		0.0	0.0	0.1	0.2	0.3	0.7	1.2	1.2	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	5.9	15.5	15.5	5.9	1.2	0.3	0.1	0.1	0.0	0.0	
20		0.0	0.1	0.2	0.6	5.6	34.4	63.5	63.5	34.4	5.6	0.6	0.2	0.1	0.0		
10	0.0	0.0	0.1	0.2	1.0	14.3	61.7	98.2	98.2	61.7	14.3	1.0	0.2	0.1	0.0	0.0	
0		0.0	0.1	0.2	1.0	14.3	61.7	98.2	98.2	61.7	14.3	1.0	0.2	0.1	0.0		
-10	0.0	0.0	0.1	0.2	1.0	14.3	61.7	98.2	98.2	61.7	14.3	1.0	0.2	0.1	0.0	0.0	
-20		0.0	0.1	0.2	0.6	5.6	34.4	63.5	63.5	34.4	5.6	0.6	0.2	0.1	0.0		
-30	0.0	0.0	0.1	0.1	0.3	1.2	5.9	15.5	15.5	5.9	1.2	0.3	0.1	0.1	0.0	0.0	
-40		0.0	0.0	0.1	0.2	0.3	0.7	1.2	1.2	0.7	0.3	0.2	0.1	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	0.2	0.1	0.1	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	0.1	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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	0.0	

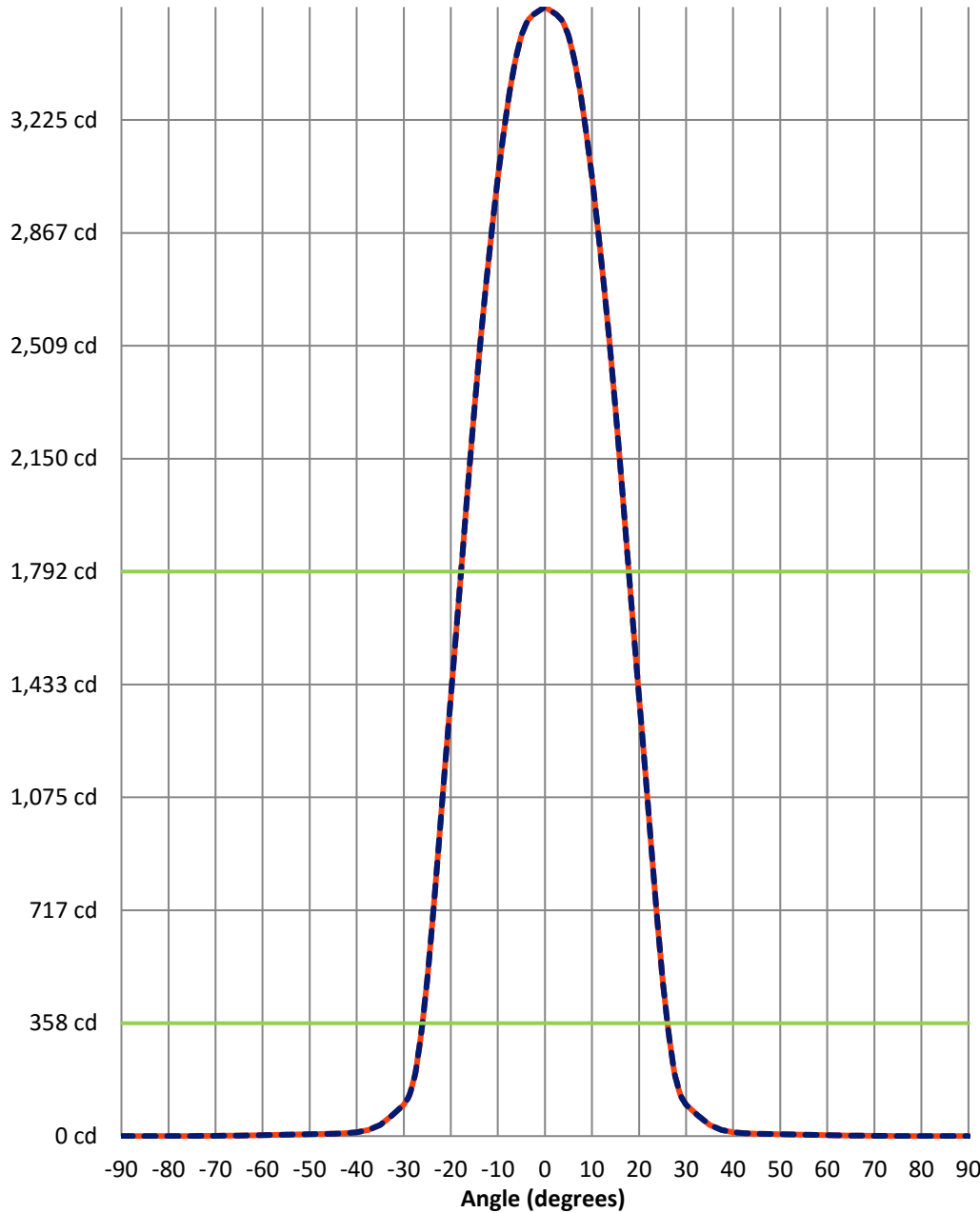
REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 35.6°
 V Angle: 35.6°
 Lumens: 819
 Efficiency: 66.7%

Field:
 H Angle: 52.1°
 V Angle: 52.1°
 Lumens: 1152.8
 Efficiency: 93.9%

Spill:
 Lumens: 75.4
 Efficiency: 6.1%

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



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	0	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	1	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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	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	2
28.75°	0	0	0	0	0	1	1	1	1	1	2
27.5°	0	0	0	0	1	1	1	1	1	1	2
26.25°	0	0	0	0	1	1	1	1	1	1	2
25°	0	0	0	0	1	1	1	1	1	2	2
23.75°	0	0	0	0	1	1	1	1	1	2	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	1	2	2
18.75°	0	0	0	0	1	1	1	1	1	2	2
17.5°	0	0	0	1	1	1	1	1	2	2	2
16.25°	0	0	0	1	1	1	1	1	2	2	2
15°	0	0	0	1	1	1	1	1	2	2	2
13.75°	0	0	0	1	1	1	1	1	2	2	2
12.5°	0	0	0	1	1	1	1	1	2	2	2
11.25°	0	0	0	1	1	1	1	1	2	2	2
10°	0	0	0	1	1	1	1	1	2	2	2
8.75°	0	0	0	1	1	1	1	1	2	2	2
7.5°	0	0	0	1	1	1	1	1	2	2	2
6.25°	0	0	0	1	1	1	1	1	2	2	2
5°	0	0	0	1	1	1	1	1	2	2	2
3.75°	0	0	0	1	1	1	1	1	2	2	2
2.5°	0	0	0	1	1	1	1	1	2	2	2
1.25°	0	0	0	1	1	1	1	1	2	2	2
0°	0	0	0	1	1	1	1	2	2	2	2
-1.25°	0	0	0	1	1	1	1	1	2	2	2
-2.5°	0	0	0	1	1	1	1	1	2	2	2
-3.75°	0	0	0	1	1	1	1	1	2	2	2
-5°	0	0	0	1	1	1	1	1	2	2	2
-6.25°	0	0	0	1	1	1	1	1	2	2	2
-7.5°	0	0	0	1	1	1	1	1	2	2	2
-8.75°	0	0	0	1	1	1	1	1	2	2	2
-10°	0	0	0	1	1	1	1	1	2	2	2
-11.25°	0	0	0	1	1	1	1	1	2	2	2
-12.5°	0	0	0	1	1	1	1	1	2	2	2
-13.75°	0	0	0	1	1	1	1	1	2	2	2
-15°	0	0	0	1	1	1	1	1	2	2	2
-16.25°	0	0	0	1	1	1	1	1	2	2	2
-17.5°	0	0	0	1	1	1	1	1	2	2	2
-18.75°	0	0	0	0	1	1	1	1	1	2	2
-20°	0	0	0	0	1	1	1	1	1	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	2	2
-23.75°	0	0	0	0	1	1	1	1	1	2	2
-25°	0	0	0	0	1	1	1	1	1	2	2
-26.25°	0	0	0	0	1	1	1	1	1	1	2
-27.5°	0	0	0	0	1	1	1	1	1	1	2
-28.75°	0	0	0	0	0	1	1	1	1	1	2
-30°	0	0	0	0	0	1	1	1	1	1	2
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	1	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	1	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	1	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	1	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	1	1	1	1
58.75°	0	0	0	0	0	1	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
56.25°	0	0	0	1	1	1	1	1	1	1	1
55°	0	0	1	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	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	1	1	2	2	2	2
47.5°	1	1	1	1	1	1	2	2	2	2	2
46.25°	1	1	1	1	1	2	2	2	2	2	2
45°	1	1	1	1	1	2	2	2	2	2	2
43.75°	1	1	1	1	2	2	2	2	2	2	2
42.5°	1	1	1	1	2	2	2	2	2	2	3
41.25°	1	1	1	2	2	2	2	2	2	2	3
40°	1	1	2	2	2	2	2	2	2	3	3
38.75°	1	1	2	2	2	2	2	2	3	3	3
37.5°	1	1	2	2	2	2	2	2	3	3	3
36.25°	1	2	2	2	2	2	2	3	3	3	3
35°	1	2	2	2	2	2	2	3	3	3	4



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	2	2	2	2	2	2	3	3	3	3	4
32.5°	2	2	2	2	2	2	3	3	3	4	4
31.25°	2	2	2	2	2	3	3	3	3	4	4
30°	2	2	2	2	2	3	3	3	4	4	4
28.75°	2	2	2	2	2	3	3	3	4	4	4
27.5°	2	2	2	2	3	3	3	4	4	4	4
26.25°	2	2	2	2	3	3	3	4	4	4	5
25°	2	2	2	2	3	3	3	4	4	4	5
23.75°	2	2	2	3	3	3	4	4	4	4	5
22.5°	2	2	2	3	3	3	4	4	4	5	5
21.25°	2	2	2	3	3	3	4	4	4	5	5
20°	2	2	2	3	3	3	4	4	4	5	5
18.75°	2	2	3	3	3	4	4	4	5	5	5
17.5°	2	2	3	3	3	4	4	4	5	5	5
16.25°	2	2	3	3	3	4	4	4	5	5	5
15°	2	2	3	3	3	4	4	4	5	5	6
13.75°	2	2	3	3	3	4	4	5	5	5	6
12.5°	2	2	3	3	4	4	4	5	5	5	6
11.25°	2	2	3	3	4	4	4	5	5	5	6
10°	2	3	3	3	4	4	4	5	5	5	6
8.75°	2	3	3	3	4	4	4	5	5	6	6
7.5°	2	3	3	3	4	4	4	5	5	6	6
6.25°	2	3	3	3	4	4	4	5	5	6	6
5°	2	3	3	3	4	4	4	5	5	6	6
3.75°	2	3	3	3	4	4	4	5	5	6	6
2.5°	2	3	3	3	4	4	4	5	5	6	6
1.25°	2	3	3	3	4	4	4	5	5	6	6
0°	2	3	3	3	4	4	5	5	5	6	6
-1.25°	2	3	3	3	4	4	4	5	5	6	6
-2.5°	2	3	3	3	4	4	4	5	5	6	6
-3.75°	2	3	3	3	4	4	4	5	5	6	6
-5°	2	3	3	3	4	4	4	5	5	6	6
-6.25°	2	3	3	3	4	4	4	5	5	6	6
-7.5°	2	3	3	3	4	4	4	5	5	6	6
-8.75°	2	3	3	3	4	4	4	5	5	6	6
-10°	2	3	3	3	4	4	4	5	5	5	6
-11.25°	2	2	3	3	4	4	4	5	5	5	6
-12.5°	2	2	3	3	4	4	4	5	5	5	6
-13.75°	2	2	3	3	3	4	4	5	5	5	6
-15°	2	2	3	3	3	4	4	4	5	5	6
-16.25°	2	2	3	3	3	4	4	4	5	5	5
-17.5°	2	2	3	3	3	4	4	4	5	5	5
-18.75°	2	2	3	3	3	4	4	4	5	5	5
-20°	2	2	2	3	3	3	4	4	4	5	5
-21.25°	2	2	2	3	3	3	4	4	4	5	5



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	2	2	2	3	3	3	4	4	4	5	5
-23.75°	2	2	2	3	3	3	4	4	4	4	5
-25°	2	2	2	2	3	3	3	4	4	4	5
-26.25°	2	2	2	2	3	3	3	4	4	4	5
-27.5°	2	2	2	2	3	3	3	4	4	4	4
-28.75°	2	2	2	2	2	3	3	3	4	4	4
-30°	2	2	2	2	2	3	3	3	4	4	4
-31.25°	2	2	2	2	2	3	3	3	3	4	4
-32.5°	2	2	2	2	2	2	3	3	3	4	4
-33.75°	2	2	2	2	2	2	3	3	3	3	4
-35°	1	2	2	2	2	2	2	3	3	3	4
-36.25°	1	2	2	2	2	2	2	3	3	3	3
-37.5°	1	1	2	2	2	2	2	2	3	3	3
-38.75°	1	1	2	2	2	2	2	2	3	3	3
-40°	1	1	2	2	2	2	2	2	2	3	3
-41.25°	1	1	1	2	2	2	2	2	2	2	3
-42.5°	1	1	1	1	2	2	2	2	2	2	3
-43.75°	1	1	1	1	2	2	2	2	2	2	2
-45°	1	1	1	1	1	2	2	2	2	2	2
-46.25°	1	1	1	1	1	2	2	2	2	2	2
-47.5°	1	1	1	1	1	1	2	2	2	2	2
-48.75°	1	1	1	1	1	1	1	2	2	2	2
-50°	1	1	1	1	1	1	1	1	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	0	1	1	1	1	1	1	1	1	1	2
-53.75°	0	0	1	1	1	1	1	1	1	1	1
-55°	0	0	1	1	1	1	1	1	1	1	1
-56.25°	0	0	0	1	1	1	1	1	1	1	1
-57.5°	0	0	0	0	1	1	1	1	1	1	1
-58.75°	0	0	0	0	0	1	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	1
67.5°	0	0	0	0	0	0	1	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	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	2
60°	1	1	1	1	1	1	1	2	2	2	2
58.75°	1	1	1	1	1	1	2	2	2	2	2
57.5°	1	1	1	1	2	2	2	2	2	2	2
56.25°	1	1	2	2	2	2	2	2	2	2	2
55°	1	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	3
52.5°	2	2	2	2	2	2	2	2	3	3	3
51.25°	2	2	2	2	2	2	2	3	3	3	3
50°	2	2	2	2	2	3	3	3	3	3	3
48.75°	2	2	2	2	3	3	3	3	3	3	4
47.5°	2	2	2	3	3	3	3	3	4	4	4
46.25°	2	2	3	3	3	3	3	4	4	4	4
45°	2	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	4	4	4	4	4	5
42.5°	3	3	3	3	4	4	4	4	5	5	5
41.25°	3	3	3	4	4	4	4	5	5	5	5
40°	3	3	4	4	4	4	5	5	5	5	5
38.75°	3	4	4	4	4	5	5	5	5	6	6
37.5°	3	4	4	4	4	5	5	5	6	6	6
36.25°	4	4	4	4	5	5	5	5	6	6	6
35°	4	4	4	5	5	5	5	6	6	6	6



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	5	5	5	5	6	6	6	6	7
32.5°	4	4	5	5	5	6	6	6	6	7	7
31.25°	4	5	5	5	5	6	6	6	7	7	7
30°	4	5	5	5	6	6	6	6	7	7	7
28.75°	5	5	5	6	6	6	6	7	7	7	7
27.5°	5	5	5	6	6	6	7	7	7	7	8
26.25°	5	5	6	6	6	6	7	7	7	8	8
25°	5	5	6	6	6	7	7	7	7	8	9
23.75°	5	5	6	6	6	7	7	7	8	9	9
22.5°	5	6	6	6	7	7	7	8	8	9	10
21.25°	5	6	6	6	7	7	7	8	9	9	11
20°	6	6	6	7	7	7	7	8	9	10	11
18.75°	6	6	6	7	7	7	8	8	9	11	12
17.5°	6	6	6	7	7	7	8	9	10	11	13
16.25°	6	6	7	7	7	8	8	9	10	12	14
15°	6	6	7	7	7	8	9	9	11	12	16
13.75°	6	6	7	7	7	8	9	10	11	13	17
12.5°	6	6	7	7	7	8	9	10	12	14	18
11.25°	6	6	7	7	8	8	9	11	12	15	19
10°	6	7	7	7	8	8	9	11	13	16	20
8.75°	6	7	7	7	8	9	10	11	13	17	22
7.5°	6	7	7	7	8	9	10	11	14	18	23
6.25°	6	7	7	7	8	9	10	12	15	18	25
5°	6	7	7	7	8	9	10	12	15	19	26
3.75°	6	7	7	7	8	9	10	12	15	19	26
2.5°	6	7	7	7	8	9	11	12	16	19	27
1.25°	6	7	7	7	8	9	11	12	16	20	27
0°	6	7	7	8	8	9	11	12	16	20	28
-1.25°	6	7	7	7	8	9	11	12	16	20	27
-2.5°	6	7	7	7	8	9	11	12	16	19	27
-3.75°	6	7	7	7	8	9	10	12	15	19	26
-5°	6	7	7	7	8	9	10	12	15	19	26
-6.25°	6	7	7	7	8	9	10	12	15	18	25
-7.5°	6	7	7	7	8	9	10	11	14	18	23
-8.75°	6	7	7	7	8	9	10	11	13	17	22
-10°	6	7	7	7	8	8	9	11	13	16	20
-11.25°	6	6	7	7	8	8	9	11	12	15	19
-12.5°	6	6	7	7	7	8	9	10	12	14	18
-13.75°	6	6	7	7	7	8	9	10	11	13	17
-15°	6	6	7	7	7	8	9	9	11	12	16
-16.25°	6	6	7	7	7	8	8	9	10	12	14
-17.5°	6	6	6	7	7	7	8	9	10	11	13
-18.75°	6	6	6	7	7	7	8	8	9	11	12
-20°	6	6	6	7	7	7	7	8	9	10	11
-21.25°	5	6	6	6	7	7	7	8	9	9	11



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	6	6	6	7	7	7	8	8	9	10
-23.75°	5	5	6	6	6	7	7	7	8	9	9
-25°	5	5	6	6	6	7	7	7	7	8	9
-26.25°	5	5	6	6	6	6	7	7	7	8	8
-27.5°	5	5	5	6	6	6	7	7	7	7	8
-28.75°	5	5	5	6	6	6	6	7	7	7	7
-30°	4	5	5	5	6	6	6	6	7	7	7
-31.25°	4	5	5	5	5	6	6	6	7	7	7
-32.5°	4	4	5	5	5	6	6	6	6	7	7
-33.75°	4	4	5	5	5	5	6	6	6	6	7
-35°	4	4	4	5	5	5	5	6	6	6	6
-36.25°	4	4	4	4	5	5	5	5	6	6	6
-37.5°	3	4	4	4	4	5	5	5	6	6	6
-38.75°	3	4	4	4	4	5	5	5	5	6	6
-40°	3	3	4	4	4	4	5	5	5	5	5
-41.25°	3	3	3	4	4	4	4	5	5	5	5
-42.5°	3	3	3	3	4	4	4	4	5	5	5
-43.75°	3	3	3	3	3	4	4	4	4	4	5
-45°	2	3	3	3	3	3	4	4	4	4	4
-46.25°	2	2	3	3	3	3	3	4	4	4	4
-47.5°	2	2	2	3	3	3	3	3	4	4	4
-48.75°	2	2	2	2	3	3	3	3	3	3	4
-50°	2	2	2	2	2	3	3	3	3	3	3
-51.25°	2	2	2	2	2	2	2	3	3	3	3
-52.5°	2	2	2	2	2	2	2	2	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	3
-55°	1	2	2	2	2	2	2	2	2	2	2
-56.25°	1	1	2	2	2	2	2	2	2	2	2
-57.5°	1	1	1	1	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	1	2	2	2	2	2
-60°	1	1	1	1	1	1	1	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	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°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	1	1	1	1
70°	0	0	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	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	2	2	2
63.75°	1	1	1	1	2	2	2	2	2	2	2
62.5°	1	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	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	3	3	3	3	3	3	3	3
55°	2	3	3	3	3	3	3	3	3	4	4
53.75°	3	3	3	3	3	3	4	4	4	4	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
51.25°	3	3	4	4	4	4	4	4	4	4	5
50°	4	4	4	4	4	4	4	5	5	5	5
48.75°	4	4	4	4	4	5	5	5	5	5	5
47.5°	4	4	4	5	5	5	5	5	5	5	6
46.25°	4	5	5	5	5	5	5	6	6	6	6
45°	5	5	5	5	5	6	6	6	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	6	7
42.5°	5	5	6	6	6	6	6	6	7	7	7
41.25°	5	6	6	6	6	6	7	7	7	7	7
40°	6	6	6	6	6	7	7	7	7	7	8
38.75°	6	6	6	7	7	7	7	7	7	8	8
37.5°	6	6	7	7	7	7	7	8	8	9	9
36.25°	6	7	7	7	7	7	8	8	9	9	10
35°	7	7	7	7	8	8	9	9	10	10	11



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	7	7	7	8	8	9	9	10	11	12	13
32.5°	7	7	8	8	9	9	10	11	12	14	16
31.25°	7	8	8	9	9	10	11	12	14	17	19
30°	8	8	9	9	10	11	13	15	17	19	24
28.75°	8	9	9	10	11	13	15	18	20	25	30
27.5°	9	9	10	11	13	15	18	21	26	31	36
26.25°	9	10	11	12	15	18	21	26	32	38	47
25°	10	11	12	14	17	20	26	32	38	48	58
23.75°	10	12	14	17	19	25	31	38	48	58	69
22.5°	11	13	16	19	24	30	36	47	58	69	81
21.25°	12	14	18	22	28	34	45	56	67	80	92
20°	13	16	19	26	32	41	53	65	78	90	104
18.75°	15	18	23	29	37	49	61	74	88	101	120
17.5°	16	19	26	33	44	56	69	83	97	115	151
16.25°	18	23	30	37	50	63	78	92	109	140	201
15°	19	26	33	44	57	71	85	100	123	173	263
13.75°	21	28	36	49	63	78	93	111	148	223	336
12.5°	23	31	41	55	69	84	100	124	180	281	416
11.25°	26	33	45	59	74	90	109	144	221	341	494
10°	28	35	49	64	80	96	117	164	265	405	577
8.75°	30	39	53	68	84	101	129	196	312	466	651
7.5°	31	42	56	72	88	107	143	224	353	524	723
6.25°	32	44	59	75	92	112	155	251	396	577	786
5°	34	47	61	78	94	116	168	278	432	622	837
3.75°	34	48	63	80	97	120	183	300	461	656	880
2.5°	35	50	65	81	98	125	193	316	481	684	911
1.25°	35	50	65	82	99	129	200	325	494	700	930
0°	36	51	66	83	100	130	202	328	498	706	936
-1.25°	35	50	65	82	99	129	200	325	494	700	930
-2.5°	35	50	65	81	98	125	193	316	481	684	911
-3.75°	34	48	63	80	97	120	183	300	461	656	880
-5°	34	47	61	78	94	116	168	278	432	622	837
-6.25°	32	44	59	75	92	112	155	251	396	577	786
-7.5°	31	42	56	72	88	107	143	224	353	524	723
-8.75°	30	39	53	68	84	101	129	196	312	466	651
-10°	28	35	49	64	80	96	117	164	265	405	577
-11.25°	26	33	45	59	74	90	109	144	221	341	494
-12.5°	23	31	41	55	69	84	100	124	180	281	416
-13.75°	21	28	36	49	63	78	93	111	148	223	336
-15°	19	26	33	44	57	71	85	100	123	173	263
-16.25°	18	23	30	37	50	63	78	92	109	140	201
-17.5°	16	19	26	33	44	56	69	83	97	115	151
-18.75°	15	18	23	29	37	49	61	74	88	101	120
-20°	13	16	19	26	32	41	53	65	78	90	104
-21.25°	12	14	18	22	28	34	45	56	67	80	92



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	11	13	16	19	24	30	36	47	58	69	81
-23.75°	10	12	14	17	19	25	31	38	48	58	69
-25°	10	11	12	14	17	20	26	32	38	48	58
-26.25°	9	10	11	12	15	18	21	26	32	38	47
-27.5°	9	9	10	11	13	15	18	21	26	31	36
-28.75°	8	9	9	10	11	13	15	18	20	25	30
-30°	8	8	9	9	10	11	13	15	17	19	24
-31.25°	7	8	8	9	9	10	11	12	14	17	19
-32.5°	7	7	8	8	9	9	10	11	12	14	16
-33.75°	7	7	7	8	8	9	9	10	11	12	13
-35°	7	7	7	7	8	8	9	9	10	10	11
-36.25°	6	7	7	7	7	7	8	8	9	9	10
-37.5°	6	6	7	7	7	7	7	8	8	9	9
-38.75°	6	6	6	7	7	7	7	7	7	8	8
-40°	6	6	6	6	6	7	7	7	7	7	8
-41.25°	5	6	6	6	6	6	7	7	7	7	7
-42.5°	5	5	6	6	6	6	6	6	7	7	7
-43.75°	5	5	5	5	6	6	6	6	6	6	7
-45°	5	5	5	5	5	6	6	6	6	6	6
-46.25°	4	5	5	5	5	5	5	6	6	6	6
-47.5°	4	4	4	5	5	5	5	5	5	5	6
-48.75°	4	4	4	4	4	5	5	5	5	5	5
-50°	4	4	4	4	4	4	4	5	5	5	5
-51.25°	3	3	4	4	4	4	4	4	4	4	5
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	4	4	4	4	4
-55°	2	3	3	3	3	3	3	3	3	4	4
-56.25°	2	2	2	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	2	2	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	2	2	2
-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	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	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	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	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	3	3
60°	2	2	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	3	4	4	4	4
56.25°	3	3	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	4	4	4	4	5	5	5	5	5
52.5°	4	4	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	6
50°	5	5	5	5	5	6	6	6	6	6	6
48.75°	5	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	7	7
46.25°	6	6	6	6	7	7	7	7	7	7	7
45°	6	7	7	7	7	7	7	7	7	7	7
43.75°	7	7	7	7	7	7	7	7	8	8	8
42.5°	7	7	7	7	8	8	8	8	8	8	9
41.25°	7	7	8	8	8	9	9	9	9	9	10
40°	8	8	8	9	9	9	10	10	11	11	11
38.75°	9	9	9	10	10	11	11	12	12	13	13
37.5°	9	10	11	11	12	12	13	14	15	16	17
36.25°	11	11	12	13	14	16	17	18	19	20	22
35°	12	13	15	16	18	19	21	23	26	28	30



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	14	16	18	19	23	26	28	31	33	35	39
32.5°	18	19	23	26	30	33	36	41	45	49	53
31.25°	22	26	29	33	37	44	49	55	59	64	68
30°	28	32	37	44	50	57	63	69	74	80	84
28.75°	34	41	49	56	63	71	78	84	90	96	101
27.5°	45	53	61	69	78	85	93	100	109	117	129
26.25°	56	65	74	83	92	100	111	124	144	164	196
25°	67	78	88	97	109	123	148	180	221	265	312
23.75°	80	90	101	115	140	173	223	281	341	405	466
22.5°	92	104	120	151	201	263	336	416	494	577	651
21.25°	105	125	159	221	298	384	479	578	675	772	860
20°	125	161	231	318	419	528	643	760	873	980	1076
18.75°	159	231	325	437	560	689	822	953	1076	1187	1284
17.5°	221	318	437	571	714	861	1008	1145	1269	1380	1483
16.25°	298	419	560	714	875	1036	1187	1323	1452	1572	1686
15°	384	528	689	861	1036	1201	1351	1496	1635	1767	1884
13.75°	479	643	822	1008	1187	1351	1510	1667	1815	1951	2084
12.5°	578	760	953	1145	1323	1496	1667	1831	1987	2140	2268
11.25°	675	873	1076	1269	1452	1635	1815	1987	2157	2305	2440
10°	772	980	1187	1380	1572	1767	1951	2140	2305	2459	2593
8.75°	860	1076	1284	1483	1686	1884	2084	2268	2440	2593	2727
7.5°	941	1161	1368	1575	1787	1992	2197	2384	2556	2709	2845
6.25°	1011	1233	1442	1658	1872	2090	2293	2484	2655	2808	2948
5°	1068	1290	1505	1727	1944	2169	2372	2563	2734	2891	3035
3.75°	1113	1335	1554	1782	2005	2228	2435	2627	2798	2957	3101
2.5°	1145	1367	1591	1820	2049	2271	2481	2670	2843	3004	3150
1.25°	1165	1387	1613	1843	2076	2297	2507	2697	2871	3033	3178
0°	1171	1393	1621	1851	2085	2306	2516	2705	2880	3043	3188
-1.25°	1165	1387	1613	1843	2076	2297	2507	2697	2871	3033	3178
-2.5°	1145	1367	1591	1820	2049	2271	2481	2670	2843	3004	3150
-3.75°	1113	1335	1554	1782	2005	2228	2435	2627	2798	2957	3101
-5°	1068	1290	1505	1727	1944	2169	2372	2563	2734	2891	3035
-6.25°	1011	1233	1442	1658	1872	2090	2293	2484	2655	2808	2948
-7.5°	941	1161	1368	1575	1787	1992	2197	2384	2556	2709	2845
-8.75°	860	1076	1284	1483	1686	1884	2084	2268	2440	2593	2727
-10°	772	980	1187	1380	1572	1767	1951	2140	2305	2459	2593
-11.25°	675	873	1076	1269	1452	1635	1815	1987	2157	2305	2440
-12.5°	578	760	953	1145	1323	1496	1667	1831	1987	2140	2268
-13.75°	479	643	822	1008	1187	1351	1510	1667	1815	1951	2084
-15°	384	528	689	861	1036	1201	1351	1496	1635	1767	1884
-16.25°	298	419	560	714	875	1036	1187	1323	1452	1572	1686
-17.5°	221	318	437	571	714	861	1008	1145	1269	1380	1483
-18.75°	159	231	325	437	560	689	822	953	1076	1187	1284
-20°	125	161	231	318	419	528	643	760	873	980	1076
-21.25°	105	125	159	221	298	384	479	578	675	772	860



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	92	104	120	151	201	263	336	416	494	577	651
-23.75°	80	90	101	115	140	173	223	281	341	405	466
-25°	67	78	88	97	109	123	148	180	221	265	312
-26.25°	56	65	74	83	92	100	111	124	144	164	196
-27.5°	45	53	61	69	78	85	93	100	109	117	129
-28.75°	34	41	49	56	63	71	78	84	90	96	101
-30°	28	32	37	44	50	57	63	69	74	80	84
-31.25°	22	26	29	33	37	44	49	55	59	64	68
-32.5°	18	19	23	26	30	33	36	41	45	49	53
-33.75°	14	16	18	19	23	26	28	31	33	35	39
-35°	12	13	15	16	18	19	21	23	26	28	30
-36.25°	11	11	12	13	14	16	17	18	19	20	22
-37.5°	9	10	11	11	12	12	13	14	15	16	17
-38.75°	9	9	9	10	10	11	11	12	12	13	13
-40°	8	8	8	9	9	9	10	10	11	11	11
-41.25°	7	7	8	8	8	9	9	9	9	9	10
-42.5°	7	7	7	7	8	8	8	8	8	8	9
-43.75°	7	7	7	7	7	7	7	7	8	8	8
-45°	6	7	7	7	7	7	7	7	7	7	7
-46.25°	6	6	6	6	7	7	7	7	7	7	7
-47.5°	6	6	6	6	6	6	6	6	6	7	7
-48.75°	5	6	6	6	6	6	6	6	6	6	6
-50°	5	5	5	5	5	6	6	6	6	6	6
-51.25°	5	5	5	5	5	5	5	5	5	5	6
-52.5°	4	4	5	5	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	3	3	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	3	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	3	3	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	2	1	1	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°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	5	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	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°	7	7	7	7	7	7	7	7	7	7	7
46.25°	7	7	7	7	7	7	7	7	7	7	7
45°	7	7	7	7	7	7	8	7	7	7	7
43.75°	8	8	8	8	8	8	8	8	8	8	8
42.5°	9	9	9	9	9	9	9	9	9	9	9
41.25°	10	10	10	10	11	11	11	11	11	10	10
40°	11	12	12	12	12	12	12	12	12	12	12
38.75°	14	15	15	15	16	16	16	16	16	15	15
37.5°	18	18	19	19	19	20	20	20	19	19	19
36.25°	23	25	26	26	27	27	28	27	27	26	26
35°	31	32	34	34	35	35	36	35	35	34	34



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	42	44	47	48	50	50	51	50	50	48	47
32.5°	56	59	61	63	65	65	66	65	65	63	61
31.25°	72	75	78	80	81	82	83	82	81	80	78
30°	88	92	94	97	98	99	100	99	98	97	94
28.75°	107	112	116	120	125	129	130	129	125	120	116
27.5°	143	155	168	183	193	200	202	200	193	183	168
26.25°	224	251	278	300	316	325	328	325	316	300	278
25°	353	396	432	461	481	494	498	494	481	461	432
23.75°	524	577	622	656	684	700	706	700	684	656	622
22.5°	723	786	837	880	911	930	936	930	911	880	837
21.25°	941	1011	1068	1113	1145	1165	1171	1165	1145	1113	1068
20°	1161	1233	1290	1335	1367	1387	1393	1387	1367	1335	1290
18.75°	1368	1442	1505	1554	1591	1613	1621	1613	1591	1554	1505
17.5°	1575	1658	1727	1782	1820	1843	1851	1843	1820	1782	1727
16.25°	1787	1872	1944	2005	2049	2076	2085	2076	2049	2005	1944
15°	1992	2090	2169	2228	2271	2297	2306	2297	2271	2228	2169
13.75°	2197	2293	2372	2435	2481	2507	2516	2507	2481	2435	2372
12.5°	2384	2484	2563	2627	2670	2697	2705	2697	2670	2627	2563
11.25°	2556	2655	2734	2798	2843	2871	2880	2871	2843	2798	2734
10°	2709	2808	2891	2957	3004	3033	3043	3033	3004	2957	2891
8.75°	2845	2948	3035	3101	3150	3178	3188	3178	3150	3101	3035
7.5°	2967	3073	3160	3227	3277	3306	3315	3306	3277	3227	3160
6.25°	3073	3179	3268	3336	3383	3409	3418	3409	3383	3336	3268
5°	3160	3268	3356	3418	3460	3484	3493	3484	3460	3418	3356
3.75°	3227	3336	3418	3476	3514	3535	3539	3535	3514	3476	3418
2.5°	3277	3383	3460	3514	3544	3556	3559	3556	3544	3514	3460
1.25°	3306	3409	3484	3535	3556	3566	3572	3566	3556	3535	3484
0°	3315	3418	3493	3539	3559	3572	3584	3572	3559	3539	3493
-1.25°	3306	3409	3484	3535	3556	3566	3572	3566	3556	3535	3484
-2.5°	3277	3383	3460	3514	3544	3556	3559	3556	3544	3514	3460
-3.75°	3227	3336	3418	3476	3514	3535	3539	3535	3514	3476	3418
-5°	3160	3268	3356	3418	3460	3484	3493	3484	3460	3418	3356
-6.25°	3073	3179	3268	3336	3383	3409	3418	3409	3383	3336	3268
-7.5°	2967	3073	3160	3227	3277	3306	3315	3306	3277	3227	3160
-8.75°	2845	2948	3035	3101	3150	3178	3188	3178	3150	3101	3035
-10°	2709	2808	2891	2957	3004	3033	3043	3033	3004	2957	2891
-11.25°	2556	2655	2734	2798	2843	2871	2880	2871	2843	2798	2734
-12.5°	2384	2484	2563	2627	2670	2697	2705	2697	2670	2627	2563
-13.75°	2197	2293	2372	2435	2481	2507	2516	2507	2481	2435	2372
-15°	1992	2090	2169	2228	2271	2297	2306	2297	2271	2228	2169
-16.25°	1787	1872	1944	2005	2049	2076	2085	2076	2049	2005	1944
-17.5°	1575	1658	1727	1782	1820	1843	1851	1843	1820	1782	1727
-18.75°	1368	1442	1505	1554	1591	1613	1621	1613	1591	1554	1505
-20°	1161	1233	1290	1335	1367	1387	1393	1387	1367	1335	1290
-21.25°	941	1011	1068	1113	1145	1165	1171	1165	1145	1113	1068



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	723	786	837	880	911	930	936	930	911	880	837
-23.75°	524	577	622	656	684	700	706	700	684	656	622
-25°	353	396	432	461	481	494	498	494	481	461	432
-26.25°	224	251	278	300	316	325	328	325	316	300	278
-27.5°	143	155	168	183	193	200	202	200	193	183	168
-28.75°	107	112	116	120	125	129	130	129	125	120	116
-30°	88	92	94	97	98	99	100	99	98	97	94
-31.25°	72	75	78	80	81	82	83	82	81	80	78
-32.5°	56	59	61	63	65	65	66	65	65	63	61
-33.75°	42	44	47	48	50	50	51	50	50	48	47
-35°	31	32	34	34	35	35	36	35	35	34	34
-36.25°	23	25	26	26	27	27	28	27	27	26	26
-37.5°	18	18	19	19	19	20	20	20	19	19	19
-38.75°	14	15	15	15	16	16	16	16	16	15	15
-40°	11	12	12	12	12	12	12	12	12	12	12
-41.25°	10	10	10	10	11	11	11	11	11	10	10
-42.5°	9	9	9	9	9	9	9	9	9	9	9
-43.75°	8	8	8	8	8	8	8	8	8	8	8
-45°	7	7	7	7	7	7	8	7	7	7	7
-46.25°	7	7	7	7	7	7	7	7	7	7	7
-47.5°	7	7	7	7	7	7	7	7	7	7	7
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	4	5	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	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	1	1	2	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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	1	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	1
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	2	2	2	2	2	2
61.25°	3	3	3	3	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°	4	4	4	4	4	4	3	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°	5	5	5	5	5	5	5	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	6	6	6	5	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	6	5	5	5
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	7	7	7	7	6	6	6	6	6	6	6
46.25°	7	7	7	7	7	7	7	7	7	6	6
45°	7	7	7	7	7	7	7	7	7	7	7
43.75°	8	8	8	8	8	7	7	7	7	7	7
42.5°	9	9	9	8	8	8	8	8	8	7	7
41.25°	10	10	10	9	9	9	9	9	8	8	8
40°	12	11	11	11	11	10	10	9	9	9	8
38.75°	15	14	13	13	12	12	11	11	10	10	9
37.5°	18	18	17	16	15	14	13	12	12	11	11
36.25°	25	23	22	20	19	18	17	16	14	13	12
35°	32	31	30	28	26	23	21	19	18	16	15



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	44	42	39	35	33	31	28	26	23	19	18
32.5°	59	56	53	49	45	41	36	33	30	26	23
31.25°	75	72	68	64	59	55	49	44	37	33	29
30°	92	88	84	80	74	69	63	57	50	44	37
28.75°	112	107	101	96	90	84	78	71	63	56	49
27.5°	155	143	129	117	109	100	93	85	78	69	61
26.25°	251	224	196	164	144	124	111	100	92	83	74
25°	396	353	312	265	221	180	148	123	109	97	88
23.75°	577	524	466	405	341	281	223	173	140	115	101
22.5°	786	723	651	577	494	416	336	263	201	151	120
21.25°	1011	941	860	772	675	578	479	384	298	221	159
20°	1233	1161	1076	980	873	760	643	528	419	318	231
18.75°	1442	1368	1284	1187	1076	953	822	689	560	437	325
17.5°	1658	1575	1483	1380	1269	1145	1008	861	714	571	437
16.25°	1872	1787	1686	1572	1452	1323	1187	1036	875	714	560
15°	2090	1992	1884	1767	1635	1496	1351	1201	1036	861	689
13.75°	2293	2197	2084	1951	1815	1667	1510	1351	1187	1008	822
12.5°	2484	2384	2268	2140	1987	1831	1667	1496	1323	1145	953
11.25°	2655	2556	2440	2305	2157	1987	1815	1635	1452	1269	1076
10°	2808	2709	2593	2459	2305	2140	1951	1767	1572	1380	1187
8.75°	2948	2845	2727	2593	2440	2268	2084	1884	1686	1483	1284
7.5°	3073	2967	2845	2709	2556	2384	2197	1992	1787	1575	1368
6.25°	3179	3073	2948	2808	2655	2484	2293	2090	1872	1658	1442
5°	3268	3160	3035	2891	2734	2563	2372	2169	1944	1727	1505
3.75°	3336	3227	3101	2957	2798	2627	2435	2228	2005	1782	1554
2.5°	3383	3277	3150	3004	2843	2670	2481	2271	2049	1820	1591
1.25°	3409	3306	3178	3033	2871	2697	2507	2297	2076	1843	1613
0°	3418	3315	3188	3043	2880	2705	2516	2306	2085	1851	1621
-1.25°	3409	3306	3178	3033	2871	2697	2507	2297	2076	1843	1613
-2.5°	3383	3277	3150	3004	2843	2670	2481	2271	2049	1820	1591
-3.75°	3336	3227	3101	2957	2798	2627	2435	2228	2005	1782	1554
-5°	3268	3160	3035	2891	2734	2563	2372	2169	1944	1727	1505
-6.25°	3179	3073	2948	2808	2655	2484	2293	2090	1872	1658	1442
-7.5°	3073	2967	2845	2709	2556	2384	2197	1992	1787	1575	1368
-8.75°	2948	2845	2727	2593	2440	2268	2084	1884	1686	1483	1284
-10°	2808	2709	2593	2459	2305	2140	1951	1767	1572	1380	1187
-11.25°	2655	2556	2440	2305	2157	1987	1815	1635	1452	1269	1076
-12.5°	2484	2384	2268	2140	1987	1831	1667	1496	1323	1145	953
-13.75°	2293	2197	2084	1951	1815	1667	1510	1351	1187	1008	822
-15°	2090	1992	1884	1767	1635	1496	1351	1201	1036	861	689
-16.25°	1872	1787	1686	1572	1452	1323	1187	1036	875	714	560
-17.5°	1658	1575	1483	1380	1269	1145	1008	861	714	571	437
-18.75°	1442	1368	1284	1187	1076	953	822	689	560	437	325
-20°	1233	1161	1076	980	873	760	643	528	419	318	231
-21.25°	1011	941	860	772	675	578	479	384	298	221	159



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	786	723	651	577	494	416	336	263	201	151	120
-23.75°	577	524	466	405	341	281	223	173	140	115	101
-25°	396	353	312	265	221	180	148	123	109	97	88
-26.25°	251	224	196	164	144	124	111	100	92	83	74
-27.5°	155	143	129	117	109	100	93	85	78	69	61
-28.75°	112	107	101	96	90	84	78	71	63	56	49
-30°	92	88	84	80	74	69	63	57	50	44	37
-31.25°	75	72	68	64	59	55	49	44	37	33	29
-32.5°	59	56	53	49	45	41	36	33	30	26	23
-33.75°	44	42	39	35	33	31	28	26	23	19	18
-35°	32	31	30	28	26	23	21	19	18	16	15
-36.25°	25	23	22	20	19	18	17	16	14	13	12
-37.5°	18	18	17	16	15	14	13	12	12	11	11
-38.75°	15	14	13	13	12	12	11	11	10	10	9
-40°	12	11	11	11	11	10	10	9	9	9	8
-41.25°	10	10	10	9	9	9	9	9	8	8	8
-42.5°	9	9	9	8	8	8	8	8	8	7	7
-43.75°	8	8	8	8	8	7	7	7	7	7	7
-45°	7	7	7	7	7	7	7	7	7	7	7
-46.25°	7	7	7	7	7	7	7	7	7	6	6
-47.5°	7	7	7	7	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	5	5	5
-51.25°	6	6	6	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	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	4	4	4	4
-57.5°	4	4	4	4	4	4	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	3	3	3	3
-61.25°	3	3	3	3	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	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	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	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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	1	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	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°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	2	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	2
55°	4	4	4	4	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	3	3
51.25°	5	5	5	4	4	4	4	4	4	4	4
50°	5	5	5	5	5	5	4	4	4	4	4
48.75°	6	5	5	5	5	5	5	5	4	4	4
47.5°	6	6	6	5	5	5	5	5	5	5	4
46.25°	6	6	6	6	6	6	5	5	5	5	5
45°	7	6	6	6	6	6	6	6	5	5	5
43.75°	7	7	7	6	6	6	6	6	6	5	5
42.5°	7	7	7	7	7	6	6	6	6	6	6
41.25°	7	7	7	7	7	7	7	6	6	6	6
40°	8	8	8	7	7	7	7	7	6	6	6
38.75°	9	9	8	8	7	7	7	7	7	7	6
37.5°	10	9	9	9	8	8	7	7	7	7	7
36.25°	11	11	10	9	9	8	8	7	7	7	7
35°	13	12	11	10	10	9	9	8	8	7	7



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	16	14	13	12	11	10	9	9	8	8	7
32.5°	19	18	16	14	12	11	10	9	9	8	8
31.25°	26	22	19	17	14	12	11	10	9	9	8
30°	32	28	24	19	17	15	13	11	10	9	9
28.75°	41	34	30	25	20	18	15	13	11	10	9
27.5°	53	45	36	31	26	21	18	15	13	11	10
26.25°	65	56	47	38	32	26	21	18	15	12	11
25°	78	67	58	48	38	32	26	20	17	14	12
23.75°	90	80	69	58	48	38	31	25	19	17	14
22.5°	104	92	81	69	58	47	36	30	24	19	16
21.25°	125	105	92	80	67	56	45	34	28	22	18
20°	161	125	104	90	78	65	53	41	32	26	19
18.75°	231	159	120	101	88	74	61	49	37	29	23
17.5°	318	221	151	115	97	83	69	56	44	33	26
16.25°	419	298	201	140	109	92	78	63	50	37	30
15°	528	384	263	173	123	100	85	71	57	44	33
13.75°	643	479	336	223	148	111	93	78	63	49	36
12.5°	760	578	416	281	180	124	100	84	69	55	41
11.25°	873	675	494	341	221	144	109	90	74	59	45
10°	980	772	577	405	265	164	117	96	80	64	49
8.75°	1076	860	651	466	312	196	129	101	84	68	53
7.5°	1161	941	723	524	353	224	143	107	88	72	56
6.25°	1233	1011	786	577	396	251	155	112	92	75	59
5°	1290	1068	837	622	432	278	168	116	94	78	61
3.75°	1335	1113	880	656	461	300	183	120	97	80	63
2.5°	1367	1145	911	684	481	316	193	125	98	81	65
1.25°	1387	1165	930	700	494	325	200	129	99	82	65
0°	1393	1171	936	706	498	328	202	130	100	83	66
-1.25°	1387	1165	930	700	494	325	200	129	99	82	65
-2.5°	1367	1145	911	684	481	316	193	125	98	81	65
-3.75°	1335	1113	880	656	461	300	183	120	97	80	63
-5°	1290	1068	837	622	432	278	168	116	94	78	61
-6.25°	1233	1011	786	577	396	251	155	112	92	75	59
-7.5°	1161	941	723	524	353	224	143	107	88	72	56
-8.75°	1076	860	651	466	312	196	129	101	84	68	53
-10°	980	772	577	405	265	164	117	96	80	64	49
-11.25°	873	675	494	341	221	144	109	90	74	59	45
-12.5°	760	578	416	281	180	124	100	84	69	55	41
-13.75°	643	479	336	223	148	111	93	78	63	49	36
-15°	528	384	263	173	123	100	85	71	57	44	33
-16.25°	419	298	201	140	109	92	78	63	50	37	30
-17.5°	318	221	151	115	97	83	69	56	44	33	26
-18.75°	231	159	120	101	88	74	61	49	37	29	23
-20°	161	125	104	90	78	65	53	41	32	26	19
-21.25°	125	105	92	80	67	56	45	34	28	22	18



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	104	92	81	69	58	47	36	30	24	19	16
-23.75°	90	80	69	58	48	38	31	25	19	17	14
-25°	78	67	58	48	38	32	26	20	17	14	12
-26.25°	65	56	47	38	32	26	21	18	15	12	11
-27.5°	53	45	36	31	26	21	18	15	13	11	10
-28.75°	41	34	30	25	20	18	15	13	11	10	9
-30°	32	28	24	19	17	15	13	11	10	9	9
-31.25°	26	22	19	17	14	12	11	10	9	9	8
-32.5°	19	18	16	14	12	11	10	9	9	8	8
-33.75°	16	14	13	12	11	10	9	9	8	8	7
-35°	13	12	11	10	10	9	9	8	8	7	7
-36.25°	11	11	10	9	9	8	8	7	7	7	7
-37.5°	10	9	9	9	8	8	7	7	7	7	7
-38.75°	9	9	8	8	7	7	7	7	7	7	6
-40°	8	8	8	7	7	7	7	7	6	6	6
-41.25°	7	7	7	7	7	7	7	6	6	6	6
-42.5°	7	7	7	7	7	6	6	6	6	6	6
-43.75°	7	7	7	6	6	6	6	6	6	5	5
-45°	7	6	6	6	6	6	6	6	5	5	5
-46.25°	6	6	6	6	6	6	5	5	5	5	5
-47.5°	6	6	6	5	5	5	5	5	5	5	4
-48.75°	6	5	5	5	5	5	5	5	4	4	4
-50°	5	5	5	5	5	5	4	4	4	4	4
-51.25°	5	5	5	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	4	4	4	4	3	3	3	3
-55°	4	4	4	4	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	1	1
-65°	2	2	2	2	2	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	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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	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	1	1	1	1	1	1	1	1	1	1
61.25°	2	2	2	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	1	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	3	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	2	2	2	2	2	2
51.25°	3	3	3	3	3	3	2	2	2	2	2
50°	4	4	3	3	3	3	3	3	2	2	2
48.75°	4	4	4	3	3	3	3	3	3	2	2
47.5°	4	4	4	4	4	3	3	3	3	3	2
46.25°	5	4	4	4	4	4	3	3	3	3	3
45°	5	5	4	4	4	4	4	3	3	3	3
43.75°	5	5	5	4	4	4	4	4	3	3	3
42.5°	5	5	5	5	5	4	4	4	4	3	3
41.25°	6	5	5	5	5	5	4	4	4	4	3
40°	6	6	5	5	5	5	5	4	4	4	4
38.75°	6	6	6	6	5	5	5	5	4	4	4
37.5°	6	6	6	6	6	5	5	5	4	4	4
36.25°	7	6	6	6	6	5	5	5	5	4	4
35°	7	7	6	6	6	6	5	5	5	5	4



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	7	7	6	6	6	6	5	5	5	5
32.5°	7	7	7	7	6	6	6	6	5	5	5
31.25°	8	7	7	7	7	6	6	6	5	5	5
30°	8	8	7	7	7	6	6	6	6	5	5
28.75°	9	8	7	7	7	7	6	6	6	6	5
27.5°	9	9	8	7	7	7	7	6	6	6	5
26.25°	10	9	8	8	7	7	7	6	6	6	6
25°	11	10	9	8	7	7	7	7	6	6	6
23.75°	12	10	9	9	8	7	7	7	6	6	6
22.5°	13	11	10	9	8	8	7	7	7	6	6
21.25°	14	12	11	9	9	8	7	7	7	6	6
20°	16	13	11	10	9	8	7	7	7	7	6
18.75°	18	15	12	11	9	8	8	7	7	7	6
17.5°	19	16	13	11	10	9	8	7	7	7	6
16.25°	23	18	14	12	10	9	8	8	7	7	7
15°	26	19	16	12	11	9	9	8	7	7	7
13.75°	28	21	17	13	11	10	9	8	7	7	7
12.5°	31	23	18	14	12	10	9	8	7	7	7
11.25°	33	26	19	15	12	11	9	8	8	7	7
10°	35	28	20	16	13	11	9	8	8	7	7
8.75°	39	30	22	17	13	11	10	9	8	7	7
7.5°	42	31	23	18	14	11	10	9	8	7	7
6.25°	44	32	25	18	15	12	10	9	8	7	7
5°	47	34	26	19	15	12	10	9	8	7	7
3.75°	48	34	26	19	15	12	10	9	8	7	7
2.5°	50	35	27	19	16	12	11	9	8	7	7
1.25°	50	35	27	20	16	12	11	9	8	7	7
0°	51	36	28	20	16	12	11	9	8	8	7
-1.25°	50	35	27	20	16	12	11	9	8	7	7
-2.5°	50	35	27	19	16	12	11	9	8	7	7
-3.75°	48	34	26	19	15	12	10	9	8	7	7
-5°	47	34	26	19	15	12	10	9	8	7	7
-6.25°	44	32	25	18	15	12	10	9	8	7	7
-7.5°	42	31	23	18	14	11	10	9	8	7	7
-8.75°	39	30	22	17	13	11	10	9	8	7	7
-10°	35	28	20	16	13	11	9	8	8	7	7
-11.25°	33	26	19	15	12	11	9	8	8	7	7
-12.5°	31	23	18	14	12	10	9	8	7	7	7
-13.75°	28	21	17	13	11	10	9	8	7	7	7
-15°	26	19	16	12	11	9	9	8	7	7	7
-16.25°	23	18	14	12	10	9	8	8	7	7	7
-17.5°	19	16	13	11	10	9	8	7	7	7	6
-18.75°	18	15	12	11	9	8	8	7	7	7	6
-20°	16	13	11	10	9	8	7	7	7	7	6
-21.25°	14	12	11	9	9	8	7	7	7	6	6



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	13	11	10	9	8	8	7	7	7	6	6
-23.75°	12	10	9	9	8	7	7	7	6	6	6
-25°	11	10	9	8	7	7	7	7	6	6	6
-26.25°	10	9	8	8	7	7	7	6	6	6	6
-27.5°	9	9	8	7	7	7	7	6	6	6	5
-28.75°	9	8	7	7	7	7	6	6	6	6	5
-30°	8	8	7	7	7	6	6	6	6	5	5
-31.25°	8	7	7	7	7	6	6	6	5	5	5
-32.5°	7	7	7	7	6	6	6	6	5	5	5
-33.75°	7	7	7	6	6	6	6	5	5	5	5
-35°	7	7	6	6	6	6	5	5	5	5	4
-36.25°	7	6	6	6	6	5	5	5	5	4	4
-37.5°	6	6	6	6	6	5	5	5	4	4	4
-38.75°	6	6	6	6	5	5	5	5	4	4	4
-40°	6	6	5	5	5	5	5	4	4	4	4
-41.25°	6	5	5	5	5	5	4	4	4	4	3
-42.5°	5	5	5	5	5	4	4	4	4	3	3
-43.75°	5	5	5	4	4	4	4	4	3	3	3
-45°	5	5	4	4	4	4	4	3	3	3	3
-46.25°	5	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	4	3	3	3	3	3	2
-48.75°	4	4	4	3	3	3	3	3	3	2	2
-50°	4	4	3	3	3	3	3	3	2	2	2
-51.25°	3	3	3	3	3	3	2	2	2	2	2
-52.5°	3	3	3	3	3	2	2	2	2	2	2
-53.75°	3	3	3	2	2	2	2	2	2	2	2
-55°	3	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-58.75°	2	2	2	2	2	2	2	1	1	1	1
-60°	2	2	2	2	2	2	1	1	1	1	1
-61.25°	2	2	2	1	1	1	1	1	1	1	1
-62.5°	2	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	1	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	1	1	0	0	0	0
58.75°	1	1	1	1	1	1	1	1	0	0	0
57.5°	1	1	1	1	1	1	1	1	1	0	0
56.25°	1	1	1	1	1	1	1	1	1	1	0
55°	2	1	1	1	1	1	1	1	1	1	1
53.75°	2	2	1	1	1	1	1	1	1	1	1
52.5°	2	2	2	1	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	2	2	2	2	2	2	1	1	1	1	1
47.5°	2	2	2	2	2	2	2	1	1	1	1
46.25°	2	2	2	2	2	2	2	2	1	1	1
45°	3	2	2	2	2	2	2	2	1	1	1
43.75°	3	3	2	2	2	2	2	2	2	1	1
42.5°	3	3	3	2	2	2	2	2	2	1	1
41.25°	3	3	3	2	2	2	2	2	2	2	1
40°	3	3	3	3	2	2	2	2	2	2	2
38.75°	4	3	3	3	3	2	2	2	2	2	2
37.5°	4	3	3	3	3	2	2	2	2	2	2
36.25°	4	4	3	3	3	3	2	2	2	2	2
35°	4	4	4	3	3	3	2	2	2	2	2



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	4	3	3	3	3	2	2	2	2
32.5°	4	4	4	4	3	3	3	2	2	2	2
31.25°	5	4	4	4	3	3	3	3	2	2	2
30°	5	4	4	4	4	3	3	3	2	2	2
28.75°	5	5	4	4	4	3	3	3	2	2	2
27.5°	5	5	4	4	4	4	3	3	3	2	2
26.25°	5	5	5	4	4	4	3	3	3	2	2
25°	5	5	5	4	4	4	3	3	3	2	2
23.75°	5	5	5	4	4	4	4	3	3	3	2
22.5°	6	5	5	5	4	4	4	3	3	3	2
21.25°	6	5	5	5	4	4	4	3	3	3	2
20°	6	6	5	5	4	4	4	3	3	3	2
18.75°	6	6	5	5	5	4	4	4	3	3	3
17.5°	6	6	5	5	5	4	4	4	3	3	3
16.25°	6	6	5	5	5	4	4	4	3	3	3
15°	6	6	6	5	5	4	4	4	3	3	3
13.75°	6	6	6	5	5	5	4	4	3	3	3
12.5°	6	6	6	5	5	5	4	4	4	3	3
11.25°	6	6	6	5	5	5	4	4	4	3	3
10°	7	6	6	5	5	5	4	4	4	3	3
8.75°	7	6	6	6	5	5	4	4	4	3	3
7.5°	7	6	6	6	5	5	4	4	4	3	3
6.25°	7	6	6	6	5	5	4	4	4	3	3
5°	7	6	6	6	5	5	4	4	4	3	3
3.75°	7	6	6	6	5	5	4	4	4	3	3
2.5°	7	6	6	6	5	5	4	4	4	3	3
1.25°	7	6	6	6	5	5	4	4	4	3	3
0°	7	6	6	6	5	5	5	4	4	3	3
-1.25°	7	6	6	6	5	5	4	4	4	3	3
-2.5°	7	6	6	6	5	5	4	4	4	3	3
-3.75°	7	6	6	6	5	5	4	4	4	3	3
-5°	7	6	6	6	5	5	4	4	4	3	3
-6.25°	7	6	6	6	5	5	4	4	4	3	3
-7.5°	7	6	6	6	5	5	4	4	4	3	3
-8.75°	7	6	6	6	5	5	4	4	4	3	3
-10°	7	6	6	5	5	5	4	4	4	3	3
-11.25°	6	6	6	5	5	5	4	4	4	3	3
-12.5°	6	6	6	5	5	5	4	4	4	3	3
-13.75°	6	6	6	5	5	5	4	4	3	3	3
-15°	6	6	6	5	5	4	4	4	3	3	3
-16.25°	6	6	5	5	5	4	4	4	3	3	3
-17.5°	6	6	5	5	5	4	4	4	3	3	3
-18.75°	6	6	5	5	5	4	4	4	3	3	3
-20°	6	6	5	5	4	4	4	3	3	3	2
-21.25°	6	5	5	5	4	4	4	3	3	3	2



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	6	5	5	5	4	4	4	3	3	3	2
-23.75°	5	5	5	4	4	4	4	3	3	3	2
-25°	5	5	5	4	4	4	3	3	3	2	2
-26.25°	5	5	5	4	4	4	3	3	3	2	2
-27.5°	5	5	4	4	4	4	3	3	3	2	2
-28.75°	5	5	4	4	4	3	3	3	2	2	2
-30°	5	4	4	4	4	3	3	3	2	2	2
-31.25°	5	4	4	4	3	3	3	3	2	2	2
-32.5°	4	4	4	4	3	3	3	2	2	2	2
-33.75°	4	4	4	3	3	3	3	2	2	2	2
-35°	4	4	4	3	3	3	2	2	2	2	2
-36.25°	4	4	3	3	3	3	2	2	2	2	2
-37.5°	4	3	3	3	3	2	2	2	2	2	2
-38.75°	4	3	3	3	3	2	2	2	2	2	2
-40°	3	3	3	3	2	2	2	2	2	2	2
-41.25°	3	3	3	2	2	2	2	2	2	2	1
-42.5°	3	3	3	2	2	2	2	2	2	1	1
-43.75°	3	3	2	2	2	2	2	2	2	1	1
-45°	3	2	2	2	2	2	2	2	1	1	1
-46.25°	2	2	2	2	2	2	2	2	1	1	1
-47.5°	2	2	2	2	2	2	2	1	1	1	1
-48.75°	2	2	2	2	2	2	1	1	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-53.75°	2	2	1	1	1	1	1	1	1	1	1
-55°	2	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	0
-57.5°	1	1	1	1	1	1	1	1	1	0	0
-58.75°	1	1	1	1	1	1	1	1	0	0	0
-60°	1	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	1	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	1	1	1	1	0	0	0	0	0	0	0
43.75°	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	1	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	1	0	0	0	0
36.25°	2	1	1	1	1	1	1	0	0	0	0
35°	2	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	2	2	1	1	1	1	1	0	0	0	0
32.5°	2	2	1	1	1	1	1	1	0	0	0
31.25°	2	2	1	1	1	1	1	1	0	0	0
30°	2	2	2	1	1	1	1	1	0	0	0
28.75°	2	2	2	1	1	1	1	1	0	0	0
27.5°	2	2	2	1	1	1	1	1	1	0	0
26.25°	2	2	2	1	1	1	1	1	1	0	0
25°	2	2	2	2	1	1	1	1	1	0	0
23.75°	2	2	2	2	1	1	1	1	1	0	0
22.5°	2	2	2	2	1	1	1	1	1	0	0
21.25°	2	2	2	2	1	1	1	1	1	0	0
20°	2	2	2	2	1	1	1	1	1	0	0
18.75°	2	2	2	2	1	1	1	1	1	0	0
17.5°	2	2	2	2	2	1	1	1	1	1	0
16.25°	2	2	2	2	2	1	1	1	1	1	0
15°	2	2	2	2	2	1	1	1	1	1	0
13.75°	2	2	2	2	2	1	1	1	1	1	0
12.5°	2	2	2	2	2	1	1	1	1	1	0
11.25°	2	2	2	2	2	1	1	1	1	1	0
10°	3	2	2	2	2	1	1	1	1	1	0
8.75°	3	2	2	2	2	1	1	1	1	1	0
7.5°	3	2	2	2	2	1	1	1	1	1	0
6.25°	3	2	2	2	2	1	1	1	1	1	0
5°	3	2	2	2	2	1	1	1	1	1	0
3.75°	3	2	2	2	2	1	1	1	1	1	0
2.5°	3	2	2	2	2	1	1	1	1	1	0
1.25°	3	2	2	2	2	1	1	1	1	1	0
0°	3	2	2	2	2	2	1	1	1	1	0
-1.25°	3	2	2	2	2	1	1	1	1	1	0
-2.5°	3	2	2	2	2	1	1	1	1	1	0
-3.75°	3	2	2	2	2	1	1	1	1	1	0
-5°	3	2	2	2	2	1	1	1	1	1	0
-6.25°	3	2	2	2	2	1	1	1	1	1	0
-7.5°	3	2	2	2	2	1	1	1	1	1	0
-8.75°	3	2	2	2	2	1	1	1	1	1	0
-10°	3	2	2	2	2	1	1	1	1	1	0
-11.25°	2	2	2	2	2	1	1	1	1	1	0
-12.5°	2	2	2	2	2	1	1	1	1	1	0
-13.75°	2	2	2	2	2	1	1	1	1	1	0
-15°	2	2	2	2	2	1	1	1	1	1	0
-16.25°	2	2	2	2	2	1	1	1	1	1	0
-17.5°	2	2	2	2	2	1	1	1	1	1	0
-18.75°	2	2	2	2	1	1	1	1	1	0	0
-20°	2	2	2	2	1	1	1	1	1	0	0
-21.25°	2	2	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	2	2	2	1	1	1	1	1	0	0
-23.75°	2	2	2	2	1	1	1	1	1	0	0
-25°	2	2	2	2	1	1	1	1	1	0	0
-26.25°	2	2	2	1	1	1	1	1	1	0	0
-27.5°	2	2	2	1	1	1	1	1	1	0	0
-28.75°	2	2	2	1	1	1	1	1	0	0	0
-30°	2	2	2	1	1	1	1	1	0	0	0
-31.25°	2	2	1	1	1	1	1	1	0	0	0
-32.5°	2	2	1	1	1	1	1	1	0	0	0
-33.75°	2	2	1	1	1	1	1	0	0	0	0
-35°	2	1	1	1	1	1	1	0	0	0	0
-36.25°	2	1	1	1	1	1	1	0	0	0	0
-37.5°	1	1	1	1	1	1	1	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	1	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	1	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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: P220544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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)