

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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

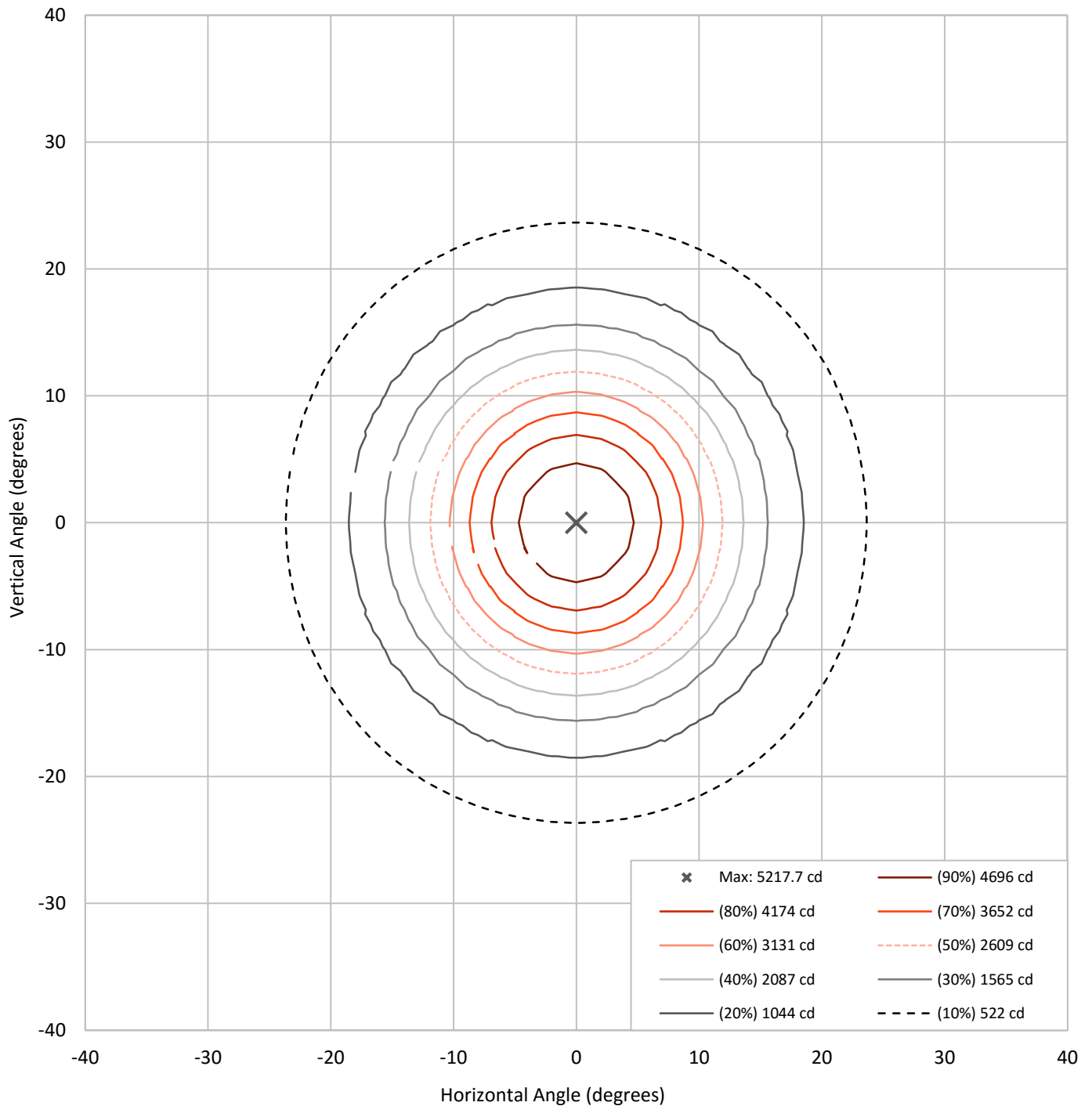
Test Method: LM-79-08
Report Number: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29473)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
MEDIUM 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:	1087.3 lumens	Max Intensity:	5217.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.8°H x 23.8°V	Field Angle (10%):	47.4°H x 47.4°V
Beam Lumens:	510.4 lumens	Field Lumens:	980 lumens
Beam Efficiency:	46.9%	Field Efficiency:	90.1%
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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

Iso-Candela Plot





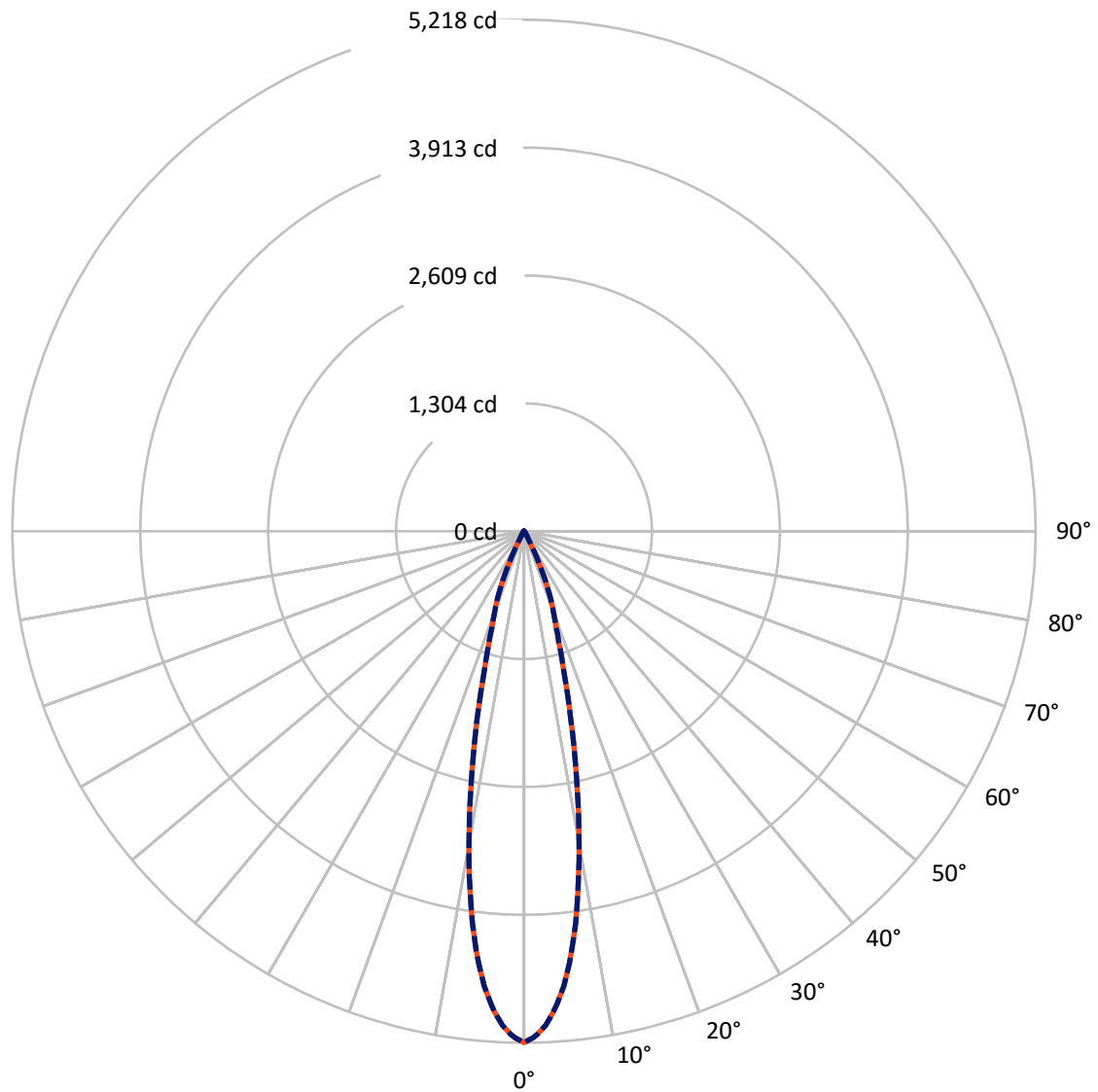
REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	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	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	
40		0.0	0.1	0.1	0.2	0.3	0.6	0.9	0.9	0.6	0.3	0.2	0.1	0.1	0.0		
30	0.0	0.0	0.1	0.2	0.3	0.9	4.3	10.8	10.8	4.3	0.9	0.3	0.2	0.1	0.0	0.0	
20		0.0	0.1	0.2	0.5	4.1	22.9	48.1	48.1	22.9	4.1	0.5	0.2	0.1	0.0		
10	0.0	0.0	0.1	0.2	0.8	10.0	46.8	117.5	117.5	46.8	10.0	0.8	0.2	0.1	0.0	0.0	
0		0.0	0.1	0.2	0.8	10.0	46.8	117.5	117.5	46.8	10.0	0.8	0.2	0.1	0.0		
-10	0.0	0.0	0.1	0.2	0.5	4.1	22.9	48.1	48.1	22.9	4.1	0.5	0.2	0.1	0.0	0.0	
-20		0.0	0.1	0.2	0.3	0.9	4.3	10.8	10.8	4.3	0.9	0.3	0.2	0.1	0.0		
-30	0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.9	0.9	0.6	0.3	0.2	0.1	0.1	0.0	0.0	
-40		0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	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	0.2	0.2	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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
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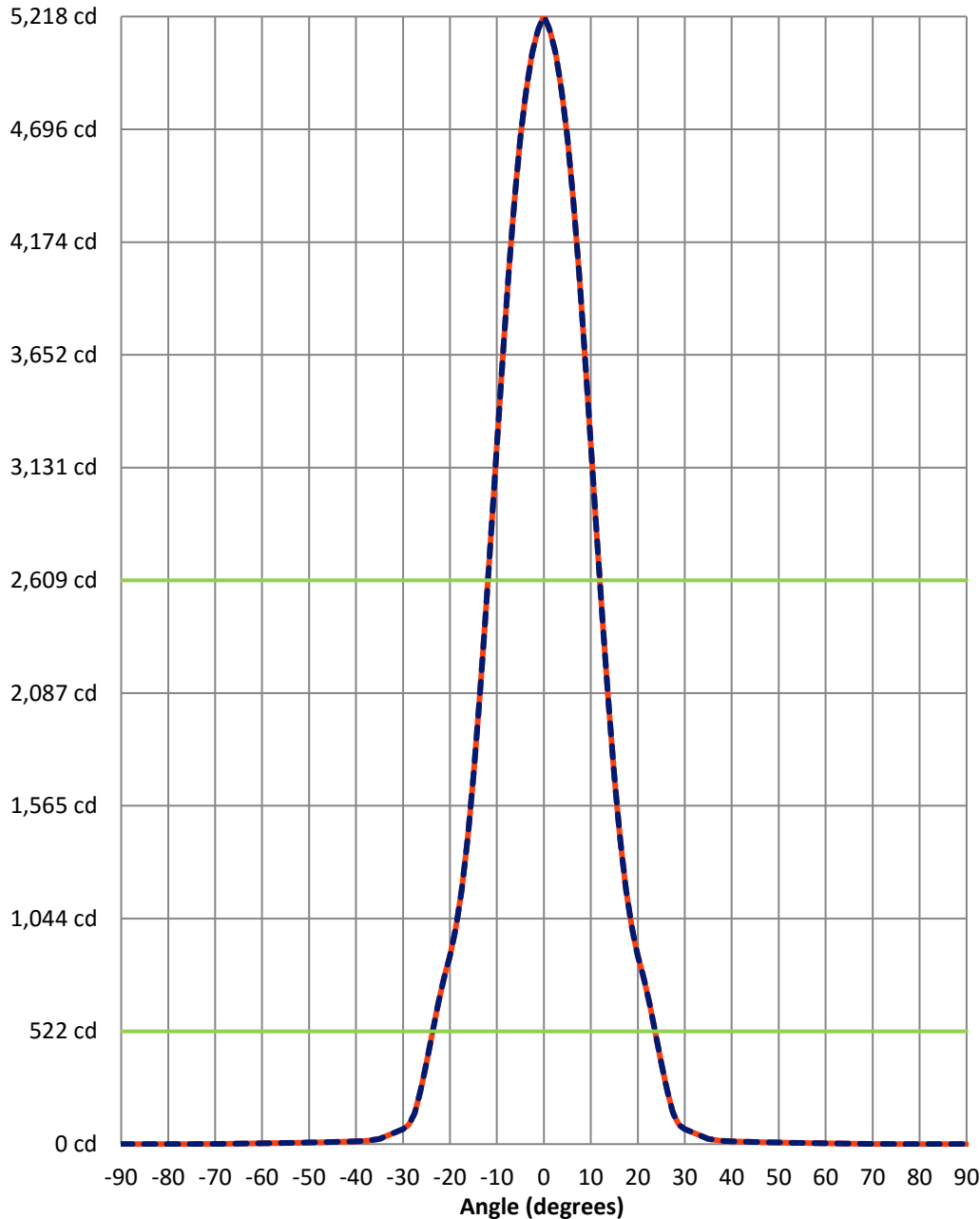
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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

Luminous Intensity Plot



Beam:
 H Angle: 23.8°
 V Angle: 23.8°
 Lumens: 510.4
 Efficiency: 46.9%

Field:
 H Angle: 47.4°
 V Angle: 47.4°
 Lumens: 980
 Efficiency: 90.1%

Spill:
 Lumens: 107.3
 Efficiency: 9.9%

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



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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	3
8.75°	0	0	0	1	1	1	1	1	2	2	3
7.5°	0	0	0	1	1	1	1	1	2	2	3
6.25°	0	0	0	1	1	1	1	1	2	2	3
5°	0	0	0	1	1	1	1	1	2	2	3
3.75°	0	0	0	1	1	1	1	1	2	2	3
2.5°	0	0	0	1	1	1	1	1	2	2	3
1.25°	0	0	0	1	1	1	1	1	2	2	3
0°	0	0	0	1	1	1	1	2	2	2	3
-1.25°	0	0	0	1	1	1	1	1	2	2	3
-2.5°	0	0	0	1	1	1	1	1	2	2	3
-3.75°	0	0	0	1	1	1	1	1	2	2	3
-5°	0	0	0	1	1	1	1	1	2	2	3
-6.25°	0	0	0	1	1	1	1	1	2	2	3
-7.5°	0	0	0	1	1	1	1	1	2	2	3
-8.75°	0	0	0	1	1	1	1	1	2	2	3
-10°	0	0	0	1	1	1	1	1	2	2	3
-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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	3
46.25°	1	1	1	1	1	2	2	2	2	2	3
45°	1	1	1	1	1	2	2	2	2	3	3
43.75°	1	1	1	1	2	2	2	2	3	3	3
42.5°	1	1	1	1	2	2	2	3	3	3	3
41.25°	1	1	1	2	2	2	2	3	3	3	3
40°	1	1	2	2	2	2	3	3	3	3	4
38.75°	1	1	2	2	2	2	3	3	3	4	4
37.5°	1	1	2	2	2	3	3	3	3	4	4
36.25°	1	2	2	2	2	3	3	3	4	4	4
35°	1	2	2	2	3	3	3	3	4	4	4



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	2	3	3	3	4	4	4	5	5	5	6
-23.75°	2	3	3	3	4	4	4	5	5	5	6
-25°	2	3	3	3	4	4	4	4	5	5	5
-26.25°	2	2	3	3	3	4	4	4	5	5	5
-27.5°	2	2	3	3	3	4	4	4	5	5	5
-28.75°	2	2	3	3	3	4	4	4	4	5	5
-30°	2	2	2	3	3	3	4	4	4	5	5
-31.25°	2	2	2	3	3	3	4	4	4	4	5
-32.5°	2	2	2	3	3	3	3	4	4	4	5
-33.75°	2	2	2	2	3	3	3	4	4	4	4
-35°	1	2	2	2	3	3	3	3	4	4	4
-36.25°	1	2	2	2	2	3	3	3	4	4	4
-37.5°	1	1	2	2	2	3	3	3	3	4	4
-38.75°	1	1	2	2	2	2	3	3	3	4	4
-40°	1	1	2	2	2	2	3	3	3	3	4
-41.25°	1	1	1	2	2	2	2	3	3	3	3
-42.5°	1	1	1	1	2	2	2	3	3	3	3
-43.75°	1	1	1	1	2	2	2	2	3	3	3
-45°	1	1	1	1	1	2	2	2	2	3	3
-46.25°	1	1	1	1	1	2	2	2	2	2	3
-47.5°	1	1	1	1	1	1	2	2	2	2	3
-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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	3	3
55°	1	2	2	2	2	2	2	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	2	3	3	3	3	3	3	4
51.25°	2	2	2	3	3	3	3	3	4	4	4
50°	2	3	3	3	3	3	3	4	4	4	4
48.75°	3	3	3	3	3	4	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	5
46.25°	3	3	3	4	4	4	4	4	5	5	5
45°	3	3	4	4	4	4	4	5	5	5	5
43.75°	3	4	4	4	4	4	5	5	5	5	5
42.5°	4	4	4	4	4	5	5	5	5	6	6
41.25°	4	4	4	4	5	5	5	5	6	6	6
40°	4	4	4	5	5	5	5	6	6	6	6
38.75°	4	4	5	5	5	5	6	6	6	6	7
37.5°	4	4	5	5	5	6	6	6	6	7	7
36.25°	4	5	5	5	5	6	6	6	7	7	8
35°	5	5	5	5	6	6	6	7	7	8	8



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	5	5	5	6	6	6	7	7	8	8	8
32.5°	5	5	5	6	6	7	7	8	8	8	9
31.25°	5	5	6	6	6	7	7	8	8	8	9
30°	5	6	6	6	7	7	8	8	8	9	9
28.75°	5	6	6	6	7	8	8	8	9	9	10
27.5°	6	6	6	7	7	8	8	8	9	10	10
26.25°	6	6	6	7	8	8	8	9	9	10	11
25°	6	6	7	7	8	8	9	9	10	10	11
23.75°	6	6	7	8	8	8	9	10	10	11	11
22.5°	6	7	7	8	8	9	9	10	10	11	12
21.25°	6	7	8	8	8	9	9	10	11	11	12
20°	6	7	8	8	8	9	10	10	11	12	12
18.75°	7	7	8	8	9	9	10	11	11	12	13
17.5°	7	8	8	8	9	10	10	11	12	12	13
16.25°	7	8	8	8	9	10	11	11	12	13	14
15°	7	8	8	9	9	10	11	11	12	13	14
13.75°	7	8	8	9	10	10	11	12	12	13	15
12.5°	8	8	8	9	10	10	11	12	13	14	15
11.25°	8	8	8	9	10	11	11	12	13	14	16
10°	8	8	9	9	10	11	11	12	13	14	16
8.75°	8	8	9	9	10	11	12	12	13	15	17
7.5°	8	8	9	10	10	11	12	12	14	15	18
6.25°	8	8	9	10	10	11	12	13	14	15	18
5°	8	8	9	10	10	11	12	13	14	15	19
3.75°	8	8	9	10	10	11	12	13	14	16	19
2.5°	8	8	9	10	11	11	12	13	14	16	20
1.25°	8	8	9	10	11	11	12	13	14	16	20
0°	8	8	9	10	11	11	12	13	14	16	20
-1.25°	8	8	9	10	11	11	12	13	14	16	20
-2.5°	8	8	9	10	11	11	12	13	14	16	20
-3.75°	8	8	9	10	10	11	12	13	14	16	19
-5°	8	8	9	10	10	11	12	13	14	15	19
-6.25°	8	8	9	10	10	11	12	13	14	15	18
-7.5°	8	8	9	10	10	11	12	12	14	15	18
-8.75°	8	8	9	9	10	11	12	12	13	15	17
-10°	8	8	9	9	10	11	11	12	13	14	16
-11.25°	8	8	8	9	10	11	11	12	13	14	16
-12.5°	8	8	8	9	10	10	11	12	13	14	15
-13.75°	7	8	8	9	10	10	11	12	12	13	15
-15°	7	8	8	9	9	10	11	11	12	13	14
-16.25°	7	8	8	8	9	10	11	11	12	13	14
-17.5°	7	8	8	8	9	10	10	11	12	12	13
-18.75°	7	7	8	8	9	9	10	11	11	12	13
-20°	6	7	8	8	8	9	10	10	11	12	12
-21.25°	6	7	8	8	8	9	9	10	11	11	12



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	6	7	7	8	8	9	9	10	10	11	12
-23.75°	6	6	7	8	8	8	9	10	10	11	11
-25°	6	6	7	7	8	8	9	9	10	10	11
-26.25°	6	6	6	7	8	8	8	9	9	10	11
-27.5°	6	6	6	7	7	8	8	8	9	10	10
-28.75°	5	6	6	6	7	8	8	8	9	9	10
-30°	5	6	6	6	7	7	8	8	8	9	9
-31.25°	5	5	6	6	6	7	7	8	8	8	9
-32.5°	5	5	5	6	6	7	7	8	8	8	9
-33.75°	5	5	5	6	6	6	7	7	8	8	8
-35°	5	5	5	5	6	6	6	7	7	8	8
-36.25°	4	5	5	5	5	6	6	6	7	7	8
-37.5°	4	4	5	5	5	6	6	6	6	7	7
-38.75°	4	4	5	5	5	5	6	6	6	6	7
-40°	4	4	4	5	5	5	5	6	6	6	6
-41.25°	4	4	4	4	5	5	5	5	6	6	6
-42.5°	4	4	4	4	4	5	5	5	5	6	6
-43.75°	3	4	4	4	4	4	5	5	5	5	5
-45°	3	3	4	4	4	4	4	5	5	5	5
-46.25°	3	3	3	4	4	4	4	4	5	5	5
-47.5°	3	3	3	3	4	4	4	4	4	4	5
-48.75°	3	3	3	3	3	4	4	4	4	4	4
-50°	2	3	3	3	3	3	3	4	4	4	4
-51.25°	2	2	2	3	3	3	3	3	4	4	4
-52.5°	2	2	2	2	3	3	3	3	3	3	4
-53.75°	2	2	2	2	2	3	3	3	3	3	3
-55°	1	2	2	2	2	2	2	3	3	3	3
-56.25°	1	1	2	2	2	2	2	2	2	3	3
-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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	3	3	3
60°	2	2	2	2	2	3	3	3	3	3	3
58.75°	2	2	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	5	5
52.5°	4	4	4	4	4	4	5	5	5	5	5
51.25°	4	4	4	4	5	5	5	5	5	5	5
50°	4	4	5	5	5	5	5	5	5	6	6
48.75°	5	5	5	5	5	5	6	6	6	6	6
47.5°	5	5	5	5	6	6	6	6	6	6	7
46.25°	5	5	5	6	6	6	6	6	7	7	7
45°	5	6	6	6	6	6	7	7	7	8	8
43.75°	6	6	6	6	7	7	7	8	8	8	8
42.5°	6	6	7	7	7	8	8	8	8	8	9
41.25°	6	7	7	7	8	8	8	8	9	9	9
40°	7	7	8	8	8	8	8	9	9	10	10
38.75°	7	8	8	8	8	9	9	9	10	10	10
37.5°	8	8	8	8	9	9	10	10	10	11	11
36.25°	8	8	9	9	9	10	10	11	11	11	12
35°	8	9	9	9	10	10	11	11	12	12	12



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	9	9	10	10	10	11	11	12	12	13	13
32.5°	9	10	10	10	11	11	12	12	13	13	14
31.25°	9	10	10	11	11	12	12	13	14	15	15
30°	10	10	11	11	12	12	13	14	15	16	18
28.75°	10	11	11	12	12	13	14	15	16	19	21
27.5°	11	11	12	12	13	14	15	16	19	22	24
26.25°	11	12	12	13	14	15	16	19	22	26	33
25°	12	12	13	14	15	16	19	22	26	34	41
23.75°	12	13	13	15	16	19	22	26	34	41	49
22.5°	12	13	14	15	18	21	24	33	41	49	57
21.25°	13	14	15	17	20	23	31	40	48	56	64
20°	13	14	16	19	22	28	37	46	55	63	72
18.75°	14	15	17	21	25	34	43	53	61	70	82
17.5°	14	16	19	23	30	40	49	59	68	79	105
16.25°	15	17	21	26	35	45	55	64	75	96	144
15°	16	19	23	30	40	50	60	70	84	121	194
13.75°	17	20	24	34	45	55	65	77	102	161	254
12.5°	18	22	28	38	49	59	69	85	127	208	315
11.25°	19	23	31	42	53	63	75	100	160	258	373
10°	20	24	35	45	56	67	80	114	195	307	429
8.75°	21	27	37	48	59	70	89	140	234	352	479
7.5°	22	29	40	51	62	74	99	162	268	393	524
6.25°	22	31	42	53	64	77	107	184	300	429	563
5°	23	32	44	55	66	80	117	206	327	459	595
3.75°	24	34	45	56	67	82	129	224	348	483	619
2.5°	24	35	46	57	69	86	138	237	363	500	636
1.25°	24	35	47	58	69	88	143	245	373	510	646
0°	24	35	47	58	69	89	145	247	376	514	650
-1.25°	24	35	47	58	69	88	143	245	373	510	646
-2.5°	24	35	46	57	69	86	138	237	363	500	636
-3.75°	24	34	45	56	67	82	129	224	348	483	619
-5°	23	32	44	55	66	80	117	206	327	459	595
-6.25°	22	31	42	53	64	77	107	184	300	429	563
-7.5°	22	29	40	51	62	74	99	162	268	393	524
-8.75°	21	27	37	48	59	70	89	140	234	352	479
-10°	20	24	35	45	56	67	80	114	195	307	429
-11.25°	19	23	31	42	53	63	75	100	160	258	373
-12.5°	18	22	28	38	49	59	69	85	127	208	315
-13.75°	17	20	24	34	45	55	65	77	102	161	254
-15°	16	19	23	30	40	50	60	70	84	121	194
-16.25°	15	17	21	26	35	45	55	64	75	96	144
-17.5°	14	16	19	23	30	40	49	59	68	79	105
-18.75°	14	15	17	21	25	34	43	53	61	70	82
-20°	13	14	16	19	22	28	37	46	55	63	72
-21.25°	13	14	15	17	20	23	31	40	48	56	64



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	12	13	14	15	18	21	24	33	41	49	57
-23.75°	12	13	13	15	16	19	22	26	34	41	49
-25°	12	12	13	14	15	16	19	22	26	34	41
-26.25°	11	12	12	13	14	15	16	19	22	26	33
-27.5°	11	11	12	12	13	14	15	16	19	22	24
-28.75°	10	11	11	12	12	13	14	15	16	19	21
-30°	10	10	11	11	12	12	13	14	15	16	18
-31.25°	9	10	10	11	11	12	12	13	14	15	15
-32.5°	9	10	10	10	11	11	12	12	13	13	14
-33.75°	9	9	10	10	10	11	11	12	12	13	13
-35°	8	9	9	9	10	10	11	11	12	12	12
-36.25°	8	8	9	9	9	10	10	11	11	11	12
-37.5°	8	8	8	8	9	9	10	10	10	11	11
-38.75°	7	8	8	8	8	9	9	9	10	10	10
-40°	7	7	8	8	8	8	8	9	9	10	10
-41.25°	6	7	7	7	8	8	8	8	9	9	9
-42.5°	6	6	7	7	7	8	8	8	8	8	9
-43.75°	6	6	6	6	7	7	7	8	8	8	8
-45°	5	6	6	6	6	6	7	7	7	8	8
-46.25°	5	5	5	6	6	6	6	6	7	7	7
-47.5°	5	5	5	5	6	6	6	6	6	6	7
-48.75°	5	5	5	5	5	5	6	6	6	6	6
-50°	4	4	5	5	5	5	5	5	5	6	6
-51.25°	4	4	4	4	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	5	5	5	5
-53.75°	3	4	4	4	4	4	4	4	4	5	5
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	4	4	4
-58.75°	2	2	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	3	3	3
-62.5°	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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	3	3
62.5°	2	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	4	4	4	4
58.75°	3	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	5	5	5	5	5
55°	4	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	6
52.5°	5	5	5	5	6	6	6	6	6	6	6
51.25°	5	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	7	7	7	7	7	7
48.75°	6	6	7	7	7	7	7	8	8	8	8
47.5°	7	7	7	8	8	8	8	8	8	8	8
46.25°	8	8	8	8	8	8	8	8	8	9	9
45°	8	8	8	8	8	9	9	9	9	9	9
43.75°	8	8	9	9	9	9	10	10	10	10	10
42.5°	9	9	9	10	10	10	10	10	11	11	11
41.25°	9	10	10	10	11	11	11	11	11	11	12
40°	10	10	11	11	11	11	12	12	12	12	12
38.75°	11	11	11	12	12	12	12	13	13	13	13
37.5°	11	12	12	12	13	13	13	14	14	14	15
36.25°	12	12	13	13	14	14	15	15	16	16	17
35°	13	13	14	14	15	16	17	18	19	20	21



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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	14	15	16	17	19	20	22	23	24	27
32.5°	15	16	17	19	21	23	24	28	31	35	37
31.25°	17	19	21	23	26	30	34	38	42	45	48
30°	20	22	25	30	35	40	45	49	53	56	59
28.75°	23	28	34	40	45	50	55	59	63	67	70
27.5°	31	37	43	49	55	60	65	69	75	80	89
26.25°	40	46	53	59	64	70	77	85	100	114	140
25°	48	55	61	68	75	84	102	127	160	195	234
23.75°	56	63	70	79	96	121	161	208	258	307	352
22.5°	64	72	82	105	144	194	254	315	373	429	479
21.25°	73	86	110	160	222	291	361	430	495	554	607
20°	86	112	168	239	317	396	474	547	615	675	725
18.75°	110	168	245	330	418	503	585	660	725	778	822
17.5°	160	239	330	425	518	608	690	758	816	865	919
16.25°	222	317	418	518	615	705	778	840	902	966	1044
15°	291	396	503	608	705	785	852	926	1009	1101	1207
13.75°	361	474	585	690	778	852	934	1031	1145	1269	1407
12.5°	430	547	660	758	840	926	1031	1159	1306	1468	1649
11.25°	495	615	725	816	902	1009	1145	1306	1492	1701	1912
10°	554	675	778	865	966	1101	1269	1468	1701	1941	2189
8.75°	607	725	822	919	1044	1207	1407	1649	1912	2189	2467
7.5°	652	765	860	968	1119	1311	1549	1824	2119	2428	2738
6.25°	691	800	897	1025	1196	1413	1683	1984	2312	2649	2990
5°	721	825	931	1072	1261	1508	1806	2133	2483	2848	3212
3.75°	742	845	957	1114	1324	1592	1905	2253	2625	3012	3395
2.5°	758	860	979	1149	1370	1653	1978	2345	2733	3134	3532
1.25°	767	868	994	1169	1398	1690	2027	2402	2799	3209	3616
0°	770	871	999	1177	1408	1703	2044	2421	2822	3235	3644
-1.25°	767	868	994	1169	1398	1690	2027	2402	2799	3209	3616
-2.5°	758	860	979	1149	1370	1653	1978	2345	2733	3134	3532
-3.75°	742	845	957	1114	1324	1592	1905	2253	2625	3012	3395
-5°	721	825	931	1072	1261	1508	1806	2133	2483	2848	3212
-6.25°	691	800	897	1025	1196	1413	1683	1984	2312	2649	2990
-7.5°	652	765	860	968	1119	1311	1549	1824	2119	2428	2738
-8.75°	607	725	822	919	1044	1207	1407	1649	1912	2189	2467
-10°	554	675	778	865	966	1101	1269	1468	1701	1941	2189
-11.25°	495	615	725	816	902	1009	1145	1306	1492	1701	1912
-12.5°	430	547	660	758	840	926	1031	1159	1306	1468	1649
-13.75°	361	474	585	690	778	852	934	1031	1145	1269	1407
-15°	291	396	503	608	705	785	852	926	1009	1101	1207
-16.25°	222	317	418	518	615	705	778	840	902	966	1044
-17.5°	160	239	330	425	518	608	690	758	816	865	919
-18.75°	110	168	245	330	418	503	585	660	725	778	822
-20°	86	112	168	239	317	396	474	547	615	675	725
-21.25°	73	86	110	160	222	291	361	430	495	554	607



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	64	72	82	105	144	194	254	315	373	429	479
-23.75°	56	63	70	79	96	121	161	208	258	307	352
-25°	48	55	61	68	75	84	102	127	160	195	234
-26.25°	40	46	53	59	64	70	77	85	100	114	140
-27.5°	31	37	43	49	55	60	65	69	75	80	89
-28.75°	23	28	34	40	45	50	55	59	63	67	70
-30°	20	22	25	30	35	40	45	49	53	56	59
-31.25°	17	19	21	23	26	30	34	38	42	45	48
-32.5°	15	16	17	19	21	23	24	28	31	35	37
-33.75°	14	14	15	16	17	19	20	22	23	24	27
-35°	13	13	14	14	15	16	17	18	19	20	21
-36.25°	12	12	13	13	14	14	15	15	16	16	17
-37.5°	11	12	12	12	13	13	13	14	14	14	15
-38.75°	11	11	11	12	12	12	12	13	13	13	13
-40°	10	10	11	11	11	11	12	12	12	12	12
-41.25°	9	10	10	10	11	11	11	11	11	11	12
-42.5°	9	9	9	10	10	10	10	10	11	11	11
-43.75°	8	8	9	9	9	9	10	10	10	10	10
-45°	8	8	8	8	8	9	9	9	9	9	9
-46.25°	8	8	8	8	8	8	8	8	8	9	9
-47.5°	7	7	7	8	8	8	8	8	8	8	8
-48.75°	6	6	7	7	7	7	7	8	8	8	8
-50°	6	6	6	6	6	7	7	7	7	7	7
-51.25°	5	6	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	6
-55°	4	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	4	4	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	5	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	7	7	7
50°	7	7	7	7	7	7	8	7	7	7	7
48.75°	8	8	8	8	8	8	8	8	8	8	8
47.5°	8	8	8	8	8	8	8	8	8	8	8
46.25°	9	9	9	9	9	9	9	9	9	9	9
45°	10	10	10	10	10	10	10	10	10	10	10
43.75°	10	10	10	10	11	11	11	11	11	10	10
42.5°	11	11	11	11	11	11	11	11	11	11	11
41.25°	12	12	12	12	12	12	12	12	12	12	12
40°	12	13	13	13	13	13	13	13	13	13	13
38.75°	14	14	14	14	14	14	14	14	14	14	14
37.5°	15	15	15	16	16	16	16	16	16	16	15
36.25°	18	18	19	19	20	20	20	20	20	19	19
35°	22	22	23	24	24	24	24	24	24	24	23



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	29	31	32	34	35	35	35	35	35	34	32
32.5°	40	42	44	45	46	47	47	47	46	45	44
31.25°	51	53	55	56	57	58	58	58	57	56	55
30°	62	64	66	67	69	69	69	69	69	67	66
28.75°	74	77	80	82	86	88	89	88	86	82	80
27.5°	99	107	117	129	138	143	145	143	138	129	117
26.25°	162	184	206	224	237	245	247	245	237	224	206
25°	268	300	327	348	363	373	376	373	363	348	327
23.75°	393	429	459	483	500	510	514	510	500	483	459
22.5°	524	563	595	619	636	646	650	646	636	619	595
21.25°	652	691	721	742	758	767	770	767	758	742	721
20°	765	800	825	845	860	868	871	868	860	845	825
18.75°	860	897	931	957	979	994	999	994	979	957	931
17.5°	968	1025	1072	1114	1149	1169	1177	1169	1149	1114	1072
16.25°	1119	1196	1261	1324	1370	1398	1408	1398	1370	1324	1261
15°	1311	1413	1508	1592	1653	1690	1703	1690	1653	1592	1508
13.75°	1549	1683	1806	1905	1978	2027	2044	2027	1978	1905	1806
12.5°	1824	1984	2133	2253	2345	2402	2421	2402	2345	2253	2133
11.25°	2119	2312	2483	2625	2733	2799	2822	2799	2733	2625	2483
10°	2428	2649	2848	3012	3134	3209	3235	3209	3134	3012	2848
8.75°	2738	2990	3212	3395	3532	3616	3644	3616	3532	3395	3212
7.5°	3039	3317	3562	3762	3912	4000	4030	4000	3912	3762	3562
6.25°	3317	3618	3884	4093	4247	4340	4372	4340	4247	4093	3884
5°	3562	3884	4158	4373	4528	4624	4658	4624	4528	4373	4158
3.75°	3762	4093	4373	4591	4749	4850	4880	4850	4749	4591	4373
2.5°	3912	4247	4528	4749	4913	5015	5047	5015	4913	4749	4528
1.25°	4000	4340	4624	4850	5015	5119	5157	5119	5015	4850	4624
0°	4030	4372	4658	4880	5047	5157	5218	5157	5047	4880	4658
-1.25°	4000	4340	4624	4850	5015	5119	5157	5119	5015	4850	4624
-2.5°	3912	4247	4528	4749	4913	5015	5047	5015	4913	4749	4528
-3.75°	3762	4093	4373	4591	4749	4850	4880	4850	4749	4591	4373
-5°	3562	3884	4158	4373	4528	4624	4658	4624	4528	4373	4158
-6.25°	3317	3618	3884	4093	4247	4340	4372	4340	4247	4093	3884
-7.5°	3039	3317	3562	3762	3912	4000	4030	4000	3912	3762	3562
-8.75°	2738	2990	3212	3395	3532	3616	3644	3616	3532	3395	3212
-10°	2428	2649	2848	3012	3134	3209	3235	3209	3134	3012	2848
-11.25°	2119	2312	2483	2625	2733	2799	2822	2799	2733	2625	2483
-12.5°	1824	1984	2133	2253	2345	2402	2421	2402	2345	2253	2133
-13.75°	1549	1683	1806	1905	1978	2027	2044	2027	1978	1905	1806
-15°	1311	1413	1508	1592	1653	1690	1703	1690	1653	1592	1508
-16.25°	1119	1196	1261	1324	1370	1398	1408	1398	1370	1324	1261
-17.5°	968	1025	1072	1114	1149	1169	1177	1169	1149	1114	1072
-18.75°	860	897	931	957	979	994	999	994	979	957	931
-20°	765	800	825	845	860	868	871	868	860	845	825
-21.25°	652	691	721	742	758	767	770	767	758	742	721



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	524	563	595	619	636	646	650	646	636	619	595
-23.75°	393	429	459	483	500	510	514	510	500	483	459
-25°	268	300	327	348	363	373	376	373	363	348	327
-26.25°	162	184	206	224	237	245	247	245	237	224	206
-27.5°	99	107	117	129	138	143	145	143	138	129	117
-28.75°	74	77	80	82	86	88	89	88	86	82	80
-30°	62	64	66	67	69	69	69	69	69	67	66
-31.25°	51	53	55	56	57	58	58	58	57	56	55
-32.5°	40	42	44	45	46	47	47	47	46	45	44
-33.75°	29	31	32	34	35	35	35	35	35	34	32
-35°	22	22	23	24	24	24	24	24	24	24	23
-36.25°	18	18	19	19	20	20	20	20	20	19	19
-37.5°	15	15	15	16	16	16	16	16	16	16	15
-38.75°	14	14	14	14	14	14	14	14	14	14	14
-40°	12	13	13	13	13	13	13	13	13	13	13
-41.25°	12	12	12	12	12	12	12	12	12	12	12
-42.5°	11	11	11	11	11	11	11	11	11	11	11
-43.75°	10	10	10	10	11	11	11	11	11	10	10
-45°	10	10	10	10	10	10	10	10	10	10	10
-46.25°	9	9	9	9	9	9	9	9	9	9	9
-47.5°	8	8	8	8	8	8	8	8	8	8	8
-48.75°	8	8	8	8	8	8	8	8	8	8	8
-50°	7	7	7	7	7	7	8	7	7	7	7
-51.25°	7	7	7	7	7	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	5	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	3	3	3	3	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	3	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	5	5	5	4	4	4	4
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	5	5
51.25°	7	7	6	6	6	6	6	6	6	6	6
50°	7	7	7	7	7	7	7	7	6	6	6
48.75°	8	8	8	8	8	8	7	7	7	7	7
47.5°	8	8	8	8	8	8	8	8	8	8	7
46.25°	9	9	9	9	8	8	8	8	8	8	8
45°	10	10	9	9	9	9	9	9	8	8	8
43.75°	10	10	10	10	10	10	10	9	9	9	9
42.5°	11	11	11	11	11	10	10	10	10	10	9
41.25°	12	12	12	11	11	11	11	11	11	10	10
40°	13	12	12	12	12	12	12	11	11	11	11
38.75°	14	14	13	13	13	13	12	12	12	12	11
37.5°	15	15	15	14	14	14	13	13	13	12	12
36.25°	18	18	17	16	16	15	15	14	14	13	13
35°	22	22	21	20	19	18	17	16	15	14	14



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	31	29	27	24	23	22	20	19	17	16	15
32.5°	42	40	37	35	31	28	24	23	21	19	17
31.25°	53	51	48	45	42	38	34	30	26	23	21
30°	64	62	59	56	53	49	45	40	35	30	25
28.75°	77	74	70	67	63	59	55	50	45	40	34
27.5°	107	99	89	80	75	69	65	60	55	49	43
26.25°	184	162	140	114	100	85	77	70	64	59	53
25°	300	268	234	195	160	127	102	84	75	68	61
23.75°	429	393	352	307	258	208	161	121	96	79	70
22.5°	563	524	479	429	373	315	254	194	144	105	82
21.25°	691	652	607	554	495	430	361	291	222	160	110
20°	800	765	725	675	615	547	474	396	317	239	168
18.75°	897	860	822	778	725	660	585	503	418	330	245
17.5°	1025	968	919	865	816	758	690	608	518	425	330
16.25°	1196	1119	1044	966	902	840	778	705	615	518	418
15°	1413	1311	1207	1101	1009	926	852	785	705	608	503
13.75°	1683	1549	1407	1269	1145	1031	934	852	778	690	585
12.5°	1984	1824	1649	1468	1306	1159	1031	926	840	758	660
11.25°	2312	2119	1912	1701	1492	1306	1145	1009	902	816	725
10°	2649	2428	2189	1941	1701	1468	1269	1101	966	865	778
8.75°	2990	2738	2467	2189	1912	1649	1407	1207	1044	919	822
7.5°	3317	3039	2738	2428	2119	1824	1549	1311	1119	968	860
6.25°	3618	3317	2990	2649	2312	1984	1683	1413	1196	1025	897
5°	3884	3562	3212	2848	2483	2133	1806	1508	1261	1072	931
3.75°	4093	3762	3395	3012	2625	2253	1905	1592	1324	1114	957
2.5°	4247	3912	3532	3134	2733	2345	1978	1653	1370	1149	979
1.25°	4340	4000	3616	3209	2799	2402	2027	1690	1398	1169	994
0°	4372	4030	3644	3235	2822	2421	2044	1703	1408	1177	999
-1.25°	4340	4000	3616	3209	2799	2402	2027	1690	1398	1169	994
-2.5°	4247	3912	3532	3134	2733	2345	1978	1653	1370	1149	979
-3.75°	4093	3762	3395	3012	2625	2253	1905	1592	1324	1114	957
-5°	3884	3562	3212	2848	2483	2133	1806	1508	1261	1072	931
-6.25°	3618	3317	2990	2649	2312	1984	1683	1413	1196	1025	897
-7.5°	3317	3039	2738	2428	2119	1824	1549	1311	1119	968	860
-8.75°	2990	2738	2467	2189	1912	1649	1407	1207	1044	919	822
-10°	2649	2428	2189	1941	1701	1468	1269	1101	966	865	778
-11.25°	2312	2119	1912	1701	1492	1306	1145	1009	902	816	725
-12.5°	1984	1824	1649	1468	1306	1159	1031	926	840	758	660
-13.75°	1683	1549	1407	1269	1145	1031	934	852	778	690	585
-15°	1413	1311	1207	1101	1009	926	852	785	705	608	503
-16.25°	1196	1119	1044	966	902	840	778	705	615	518	418
-17.5°	1025	968	919	865	816	758	690	608	518	425	330
-18.75°	897	860	822	778	725	660	585	503	418	330	245
-20°	800	765	725	675	615	547	474	396	317	239	168
-21.25°	691	652	607	554	495	430	361	291	222	160	110



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	563	524	479	429	373	315	254	194	144	105	82
-23.75°	429	393	352	307	258	208	161	121	96	79	70
-25°	300	268	234	195	160	127	102	84	75	68	61
-26.25°	184	162	140	114	100	85	77	70	64	59	53
-27.5°	107	99	89	80	75	69	65	60	55	49	43
-28.75°	77	74	70	67	63	59	55	50	45	40	34
-30°	64	62	59	56	53	49	45	40	35	30	25
-31.25°	53	51	48	45	42	38	34	30	26	23	21
-32.5°	42	40	37	35	31	28	24	23	21	19	17
-33.75°	31	29	27	24	23	22	20	19	17	16	15
-35°	22	22	21	20	19	18	17	16	15	14	14
-36.25°	18	18	17	16	16	15	15	14	14	13	13
-37.5°	15	15	15	14	14	14	13	13	13	12	12
-38.75°	14	14	13	13	13	13	12	12	12	12	11
-40°	13	12	12	12	12	12	12	11	11	11	11
-41.25°	12	12	12	11	11	11	11	11	11	10	10
-42.5°	11	11	11	11	11	10	10	10	10	10	9
-43.75°	10	10	10	10	10	10	10	9	9	9	9
-45°	10	10	9	9	9	9	9	9	8	8	8
-46.25°	9	9	9	9	8	8	8	8	8	8	8
-47.5°	8	8	8	8	8	8	8	8	8	8	7
-48.75°	8	8	8	8	8	8	7	7	7	7	7
-50°	7	7	7	7	7	7	7	7	6	6	6
-51.25°	7	7	6	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	5	5
-53.75°	6	6	6	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	3	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	3	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	2	2	2
58.75°	4	3	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	3	3	3
55°	5	4	4	4	4	4	4	4	4	4	3
53.75°	5	5	5	5	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	4	4	4	4
51.25°	6	5	5	5	5	5	5	5	5	4	4
50°	6	6	6	6	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	6	6	5	5	5	5
47.5°	7	7	7	6	6	6	6	6	6	5	5
46.25°	8	8	7	7	7	6	6	6	6	6	5
45°	8	8	8	8	7	7	7	6	6	6	6
43.75°	8	8	8	8	8	8	7	7	7	6	6
42.5°	9	9	9	8	8	8	8	8	7	7	7
41.25°	10	9	9	9	9	8	8	8	8	7	7
40°	10	10	10	10	9	9	8	8	8	8	8
38.75°	11	11	10	10	10	9	9	9	8	8	8
37.5°	12	11	11	11	10	10	10	9	9	8	8
36.25°	12	12	12	11	11	11	10	10	9	9	9
35°	13	13	12	12	12	11	11	10	10	9	9



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	14	14	13	13	12	12	11	11	10	10	10
32.5°	16	15	14	13	13	12	12	11	11	10	10
31.25°	19	17	15	15	14	13	12	12	11	11	10
30°	22	20	18	16	15	14	13	12	12	11	11
28.75°	28	23	21	19	16	15	14	13	12	12	11
27.5°	37	31	24	22	19	16	15	14	13	12	12
26.25°	46	40	33	26	22	19	16	15	14	13	12
25°	55	48	41	34	26	22	19	16	15	14	13
23.75°	63	56	49	41	34	26	22	19	16	15	13
22.5°	72	64	57	49	41	33	24	21	18	15	14
21.25°	86	73	64	56	48	40	31	23	20	17	15
20°	112	86	72	63	55	46	37	28	22	19	16
18.75°	168	110	82	70	61	53	43	34	25	21	17
17.5°	239	160	105	79	68	59	49	40	30	23	19
16.25°	317	222	144	96	75	64	55	45	35	26	21
15°	396	291	194	121	84	70	60	50	40	30	23
13.75°	474	361	254	161	102	77	65	55	45	34	24
12.5°	547	430	315	208	127	85	69	59	49	38	28
11.25°	615	495	373	258	160	100	75	63	53	42	31
10°	675	554	429	307	195	114	80	67	56	45	35
8.75°	725	607	479	352	234	140	89	70	59	48	37
7.5°	765	652	524	393	268	162	99	74	62	51	40
6.25°	800	691	563	429	300	184	107	77	64	53	42
5°	825	721	595	459	327	206	117	80	66	55	44
3.75°	845	742	619	483	348	224	129	82	67	56	45
2.5°	860	758	636	500	363	237	138	86	69	57	46
1.25°	868	767	646	510	373	245	143	88	69	58	47
0°	871	770	650	514	376	247	145	89	69	58	47
-1.25°	868	767	646	510	373	245	143	88	69	58	47
-2.5°	860	758	636	500	363	237	138	86	69	57	46
-3.75°	845	742	619	483	348	224	129	82	67	56	45
-5°	825	721	595	459	327	206	117	80	66	55	44
-6.25°	800	691	563	429	300	184	107	77	64	53	42
-7.5°	765	652	524	393	268	162	99	74	62	51	40
-8.75°	725	607	479	352	234	140	89	70	59	48	37
-10°	675	554	429	307	195	114	80	67	56	45	35
-11.25°	615	495	373	258	160	100	75	63	53	42	31
-12.5°	547	430	315	208	127	85	69	59	49	38	28
-13.75°	474	361	254	161	102	77	65	55	45	34	24
-15°	396	291	194	121	84	70	60	50	40	30	23
-16.25°	317	222	144	96	75	64	55	45	35	26	21
-17.5°	239	160	105	79	68	59	49	40	30	23	19
-18.75°	168	110	82	70	61	53	43	34	25	21	17
-20°	112	86	72	63	55	46	37	28	22	19	16
-21.25°	86	73	64	56	48	40	31	23	20	17	15



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	72	64	57	49	41	33	24	21	18	15	14
-23.75°	63	56	49	41	34	26	22	19	16	15	13
-25°	55	48	41	34	26	22	19	16	15	14	13
-26.25°	46	40	33	26	22	19	16	15	14	13	12
-27.5°	37	31	24	22	19	16	15	14	13	12	12
-28.75°	28	23	21	19	16	15	14	13	12	12	11
-30°	22	20	18	16	15	14	13	12	12	11	11
-31.25°	19	17	15	15	14	13	12	12	11	11	10
-32.5°	16	15	14	13	13	12	12	11	11	10	10
-33.75°	14	14	13	13	12	12	11	11	10	10	10
-35°	13	13	12	12	12	11	11	10	10	9	9
-36.25°	12	12	12	11	11	11	10	10	9	9	9
-37.5°	12	11	11	11	10	10	10	9	9	8	8
-38.75°	11	11	10	10	10	9	9	9	8	8	8
-40°	10	10	10	10	9	9	8	8	8	8	8
-41.25°	10	9	9	9	9	8	8	8	8	7	7
-42.5°	9	9	9	8	8	8	8	8	7	7	7
-43.75°	8	8	8	8	8	8	7	7	7	6	6
-45°	8	8	8	8	7	7	7	6	6	6	6
-46.25°	8	8	7	7	7	6	6	6	6	6	5
-47.5°	7	7	7	6	6	6	6	6	6	5	5
-48.75°	6	6	6	6	6	6	6	5	5	5	5
-50°	6	6	6	6	5	5	5	5	5	5	5
-51.25°	6	5	5	5	5	5	5	5	5	4	4
-52.5°	5	5	5	5	5	5	5	4	4	4	4
-53.75°	5	5	5	5	4	4	4	4	4	4	4
-55°	5	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	3	3	3
-57.5°	4	4	4	4	4	3	3	3	3	3	3
-58.75°	4	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	2	2	2
-61.25°	3	3	3	3	3	2	2	2	2	2	2
-62.5°	3	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	3	3	2	2	2	2	2	2	2	1	1
56.25°	3	3	3	3	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	2	2	2	2	2
53.75°	4	3	3	3	3	3	3	3	2	2	2
52.5°	4	4	4	3	3	3	3	3	3	2	2
51.25°	4	4	4	4	4	3	3	3	3	3	2
50°	4	4	4	4	4	4	3	3	3	3	3
48.75°	5	5	4	4	4	4	4	4	3	3	3
47.5°	5	5	5	4	4	4	4	4	4	3	3
46.25°	5	5	5	5	5	4	4	4	4	4	3
45°	6	5	5	5	5	5	4	4	4	4	4
43.75°	6	6	5	5	5	5	5	4	4	4	4
42.5°	6	6	6	6	5	5	5	5	4	4	4
41.25°	7	6	6	6	6	5	5	5	5	4	4
40°	7	7	6	6	6	6	5	5	5	5	4
38.75°	8	7	7	6	6	6	6	5	5	5	5
37.5°	8	8	7	7	6	6	6	6	5	5	5
36.25°	8	8	8	7	7	6	6	6	5	5	5
35°	9	8	8	8	7	7	6	6	6	5	5



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	9	9	8	8	8	7	7	6	6	6	5
32.5°	10	9	9	8	8	8	7	7	6	6	5
31.25°	10	9	9	8	8	8	7	7	6	6	6
30°	10	10	9	9	8	8	8	7	7	6	6
28.75°	11	10	10	9	9	8	8	8	7	6	6
27.5°	11	11	10	10	9	8	8	8	7	7	6
26.25°	12	11	11	10	9	9	8	8	8	7	6
25°	12	12	11	10	10	9	9	8	8	7	7
23.75°	13	12	11	11	10	10	9	8	8	8	7
22.5°	13	12	12	11	10	10	9	9	8	8	7
21.25°	14	13	12	11	11	10	9	9	8	8	8
20°	14	13	12	12	11	10	10	9	8	8	8
18.75°	15	14	13	12	11	11	10	9	9	8	8
17.5°	16	14	13	12	12	11	10	10	9	8	8
16.25°	17	15	14	13	12	11	11	10	9	8	8
15°	19	16	14	13	12	11	11	10	9	9	8
13.75°	20	17	15	13	12	12	11	10	10	9	8
12.5°	22	18	15	14	13	12	11	10	10	9	8
11.25°	23	19	16	14	13	12	11	11	10	9	8
10°	24	20	16	14	13	12	11	11	10	9	9
8.75°	27	21	17	15	13	12	12	11	10	9	9
7.5°	29	22	18	15	14	12	12	11	10	10	9
6.25°	31	22	18	15	14	13	12	11	10	10	9
5°	32	23	19	15	14	13	12	11	10	10	9
3.75°	34	24	19	16	14	13	12	11	10	10	9
2.5°	35	24	20	16	14	13	12	11	11	10	9
1.25°	35	24	20	16	14	13	12	11	11	10	9
0°	35	24	20	16	14	13	12	11	11	10	9
-1.25°	35	24	20	16	14	13	12	11	11	10	9
-2.5°	35	24	20	16	14	13	12	11	11	10	9
-3.75°	34	24	19	16	14	13	12	11	10	10	9
-5°	32	23	19	15	14	13	12	11	10	10	9
-6.25°	31	22	18	15	14	13	12	11	10	10	9
-7.5°	29	22	18	15	14	12	12	11	10	10	9
-8.75°	27	21	17	15	13	12	12	11	10	9	9
-10°	24	20	16	14	13	12	11	11	10	9	9
-11.25°	23	19	16	14	13	12	11	11	10	9	8
-12.5°	22	18	15	14	13	12	11	10	10	9	8
-13.75°	20	17	15	13	12	12	11	10	10	9	8
-15°	19	16	14	13	12	11	11	10	9	9	8
-16.25°	17	15	14	13	12	11	11	10	9	8	8
-17.5°	16	14	13	12	12	11	10	10	9	8	8
-18.75°	15	14	13	12	11	11	10	9	9	8	8
-20°	14	13	12	12	11	10	10	9	8	8	8
-21.25°	14	13	12	11	11	10	9	9	8	8	8



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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	12	12	11	10	10	9	9	8	8	7
-23.75°	13	12	11	11	10	10	9	8	8	8	7
-25°	12	12	11	10	10	9	9	8	8	7	7
-26.25°	12	11	11	10	9	9	8	8	8	7	6
-27.5°	11	11	10	10	9	8	8	8	7	7	6
-28.75°	11	10	10	9	9	8	8	8	7	6	6
-30°	10	10	9	9	8	8	8	7	7	6	6
-31.25°	10	9	9	8	8	8	7	7	6	6	6
-32.5°	10	9	9	8	8	8	7	7	6	6	5
-33.75°	9	9	8	8	8	7	7	6	6	6	5
-35°	9	8	8	8	7	7	6	6	6	5	5
-36.25°	8	8	8	7	7	6	6	6	5	5	5
-37.5°	8	8	7	7	6	6	6	6	5	5	5
-38.75°	8	7	7	6	6	6	6	5	5	5	5
-40°	7	7	6	6	6	6	5	5	5	5	4
-41.25°	7	6	6	6	6	5	5	5	5	4	4
-42.5°	6	6	6	6	5	5	5	5	4	4	4
-43.75°	6	6	5	5	5	5	5	4	4	4	4
-45°	6	5	5	5	5	5	4	4	4	4	4
-46.25°	5	5	5	5	5	4	4	4	4	4	3
-47.5°	5	5	5	4	4	4	4	4	4	3	3
-48.75°	5	5	4	4	4	4	4	4	3	3	3
-50°	4	4	4	4	4	4	3	3	3	3	3
-51.25°	4	4	4	4	4	3	3	3	3	3	2
-52.5°	4	4	4	3	3	3	3	3	3	2	2
-53.75°	4	3	3	3	3	3	3	3	2	2	2
-55°	3	3	3	3	3	3	2	2	2	2	2
-56.25°	3	3	3	3	2	2	2	2	2	2	2
-57.5°	3	3	2	2	2	2	2	2	2	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	3	2	2	2	2	1	1	1	1	1	1
48.75°	3	3	2	2	2	2	1	1	1	1	1
47.5°	3	3	3	2	2	2	2	1	1	1	1
46.25°	3	3	3	2	2	2	2	2	1	1	1
45°	3	3	3	3	2	2	2	2	1	1	1
43.75°	4	3	3	3	3	2	2	2	2	1	1
42.5°	4	4	3	3	3	3	2	2	2	1	1
41.25°	4	4	3	3	3	3	2	2	2	2	1
40°	4	4	4	3	3	3	3	2	2	2	2
38.75°	4	4	4	4	3	3	3	2	2	2	2
37.5°	4	4	4	4	3	3	3	3	2	2	2
36.25°	5	4	4	4	4	3	3	3	2	2	2
35°	5	5	4	4	4	3	3	3	3	2	2



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	7	6	6	5	5	5	4	4	4	3	3
-23.75°	6	6	6	5	5	5	4	4	4	3	3
-25°	6	6	5	5	5	4	4	4	4	3	3
-26.25°	6	6	5	5	5	4	4	4	3	3	3
-27.5°	6	6	5	5	5	4	4	4	3	3	3
-28.75°	6	5	5	5	4	4	4	4	3	3	3
-30°	6	5	5	5	4	4	4	3	3	3	2
-31.25°	5	5	5	4	4	4	4	3	3	3	2
-32.5°	5	5	5	4	4	4	3	3	3	3	2
-33.75°	5	5	4	4	4	4	3	3	3	2	2
-35°	5	5	4	4	4	3	3	3	3	2	2
-36.25°	5	4	4	4	4	3	3	3	2	2	2
-37.5°	4	4	4	4	3	3	3	3	2	2	2
-38.75°	4	4	4	4	3	3	3	2	2	2	2
-40°	4	4	4	3	3	3	3	2	2	2	2
-41.25°	4	4	3	3	3	3	2	2	2	2	1
-42.5°	4	4	3	3	3	3	2	2	2	1	1
-43.75°	4	3	3	3	3	2	2	2	2	1	1
-45°	3	3	3	3	2	2	2	2	1	1	1
-46.25°	3	3	3	2	2	2	2	2	1	1	1
-47.5°	3	3	3	2	2	2	2	1	1	1	1
-48.75°	3	3	2	2	2	2	1	1	1	1	1
-50°	3	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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°	3	2	2	2	1	1	1	1	1	0	0
23.75°	3	2	2	2	1	1	1	1	1	0	0
22.5°	3	2	2	2	1	1	1	1	1	0	0
21.25°	3	2	2	2	1	1	1	1	1	0	0
20°	3	3	2	2	1	1	1	1	1	0	0
18.75°	3	3	2	2	1	1	1	1	1	0	0
17.5°	3	3	2	2	2	1	1	1	1	1	0
16.25°	3	3	2	2	2	1	1	1	1	1	0
15°	3	3	2	2	2	1	1	1	1	1	0
13.75°	3	3	2	2	2	1	1	1	1	1	0
12.5°	3	3	2	2	2	1	1	1	1	1	0
11.25°	3	3	2	2	2	1	1	1	1	1	0
10°	3	3	3	2	2	1	1	1	1	1	0
8.75°	3	3	3	2	2	1	1	1	1	1	0
7.5°	3	3	3	2	2	1	1	1	1	1	0
6.25°	3	3	3	2	2	1	1	1	1	1	0
5°	3	3	3	2	2	1	1	1	1	1	0
3.75°	3	3	3	2	2	1	1	1	1	1	0
2.5°	3	3	3	2	2	1	1	1	1	1	0
1.25°	3	3	3	2	2	1	1	1	1	1	0
0°	3	3	3	2	2	2	1	1	1	1	0
-1.25°	3	3	3	2	2	1	1	1	1	1	0
-2.5°	3	3	3	2	2	1	1	1	1	1	0
-3.75°	3	3	3	2	2	1	1	1	1	1	0
-5°	3	3	3	2	2	1	1	1	1	1	0
-6.25°	3	3	3	2	2	1	1	1	1	1	0
-7.5°	3	3	3	2	2	1	1	1	1	1	0
-8.75°	3	3	3	2	2	1	1	1	1	1	0
-10°	3	3	3	2	2	1	1	1	1	1	0
-11.25°	3	3	2	2	2	1	1	1	1	1	0
-12.5°	3	3	2	2	2	1	1	1	1	1	0
-13.75°	3	3	2	2	2	1	1	1	1	1	0
-15°	3	3	2	2	2	1	1	1	1	1	0
-16.25°	3	3	2	2	2	1	1	1	1	1	0
-17.5°	3	3	2	2	2	1	1	1	1	1	0
-18.75°	3	3	2	2	1	1	1	1	1	0	0
-20°	3	3	2	2	1	1	1	1	1	0	0
-21.25°	3	2	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	3	2	2	2	1	1	1	1	1	0	0
-23.75°	3	2	2	2	1	1	1	1	1	0	0
-25°	3	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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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: P220527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-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)