

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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

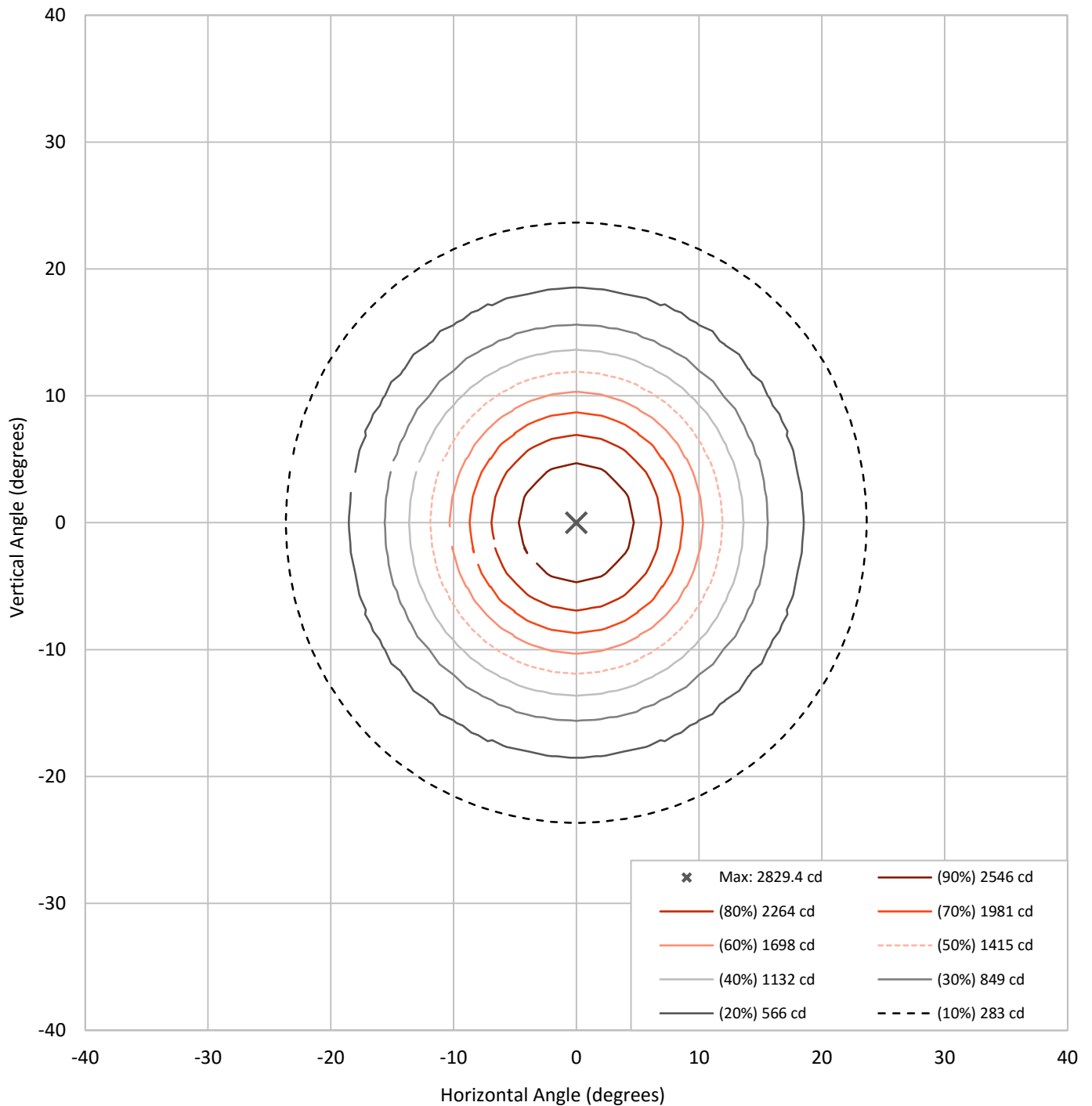
Test Method: LM-79-08
Report Number: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29473)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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:	589.6 lumens	Max Intensity:	2829.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.2 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:	276.8 lumens	Field Lumens:	531.4 lumens
Beam Efficiency:	46.9%	Field Efficiency:	90.1%
Input Watts (W):	9.8		
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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

Iso-Candela Plot





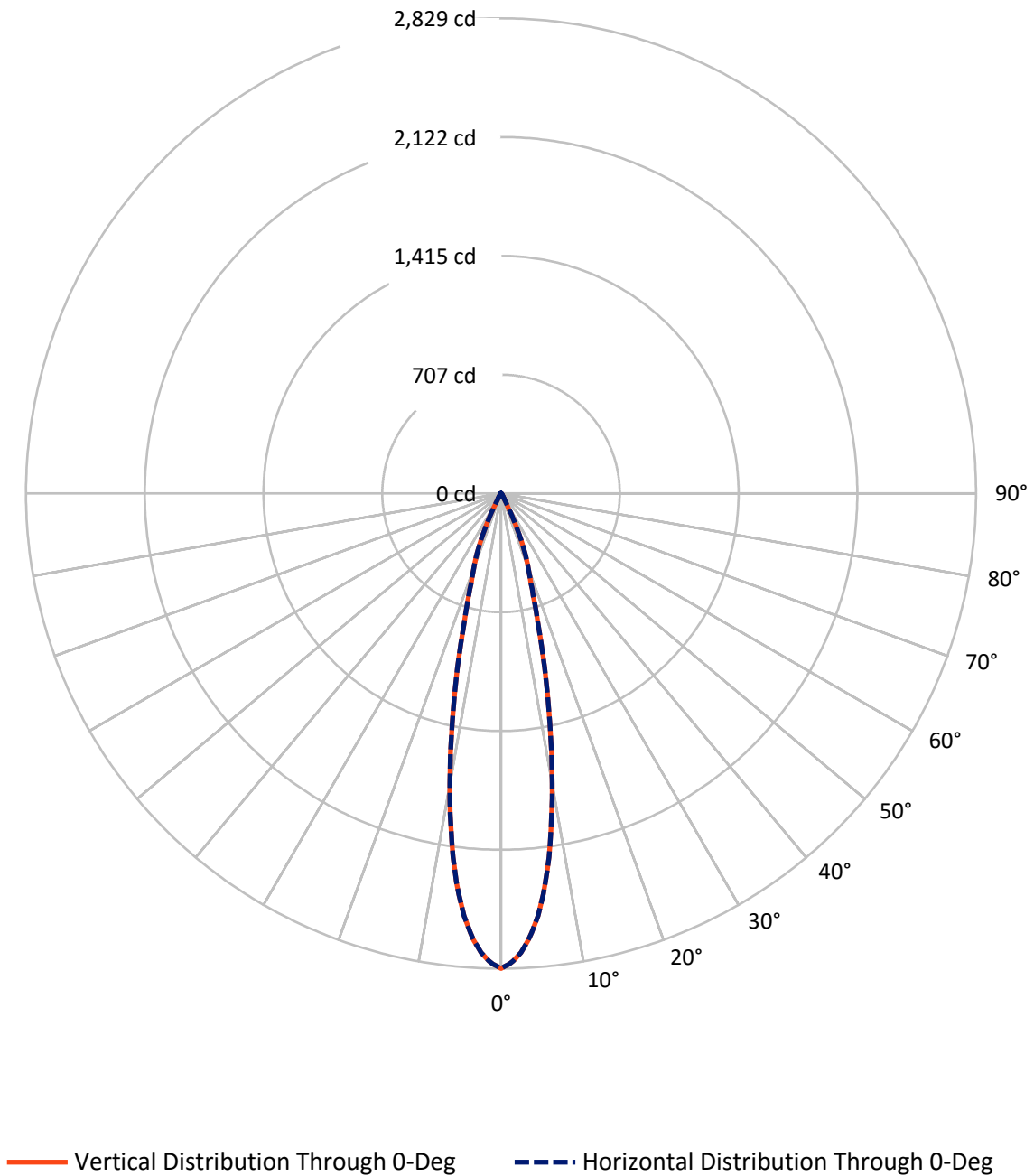
REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

Lumen Table

90	0.0															
80	0.0															
70	0.0															
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	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	0.0
40	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.5	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0
30	0.0	0.0	0.1	0.2	0.5	2.3	5.9	5.9	2.3	0.5	0.2	0.1	0.0	0.0	0.0	0.0
20	0.0	0.0	0.1	0.3	2.2	12.4	26.1	26.1	12.4	2.2	0.3	0.1	0.0	0.0	0.0	0.0
10	0.0	0.1	0.1	0.4	5.4	25.4	63.7	63.7	25.4	5.4	0.4	0.1	0.1	0.0	0.0	0.0
0	0.0	0.1	0.1	0.4	5.4	25.4	63.7	63.7	25.4	5.4	0.4	0.1	0.1	0.0	0.0	0.0
-10	0.0	0.1	0.1	0.4	5.4	25.4	63.7	63.7	25.4	5.4	0.4	0.1	0.1	0.0	0.0	0.0
-20	0.0	0.0	0.1	0.3	2.2	12.4	26.1	26.1	12.4	2.2	0.3	0.1	0.0	0.0	0.0	0.0
-30	0.0	0.0	0.1	0.2	0.5	2.3	5.9	5.9	2.3	0.5	0.2	0.1	0.0	0.0	0.0	0.0
-40	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.5	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0
-50	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	0.0
-60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0															
-90	0.0															

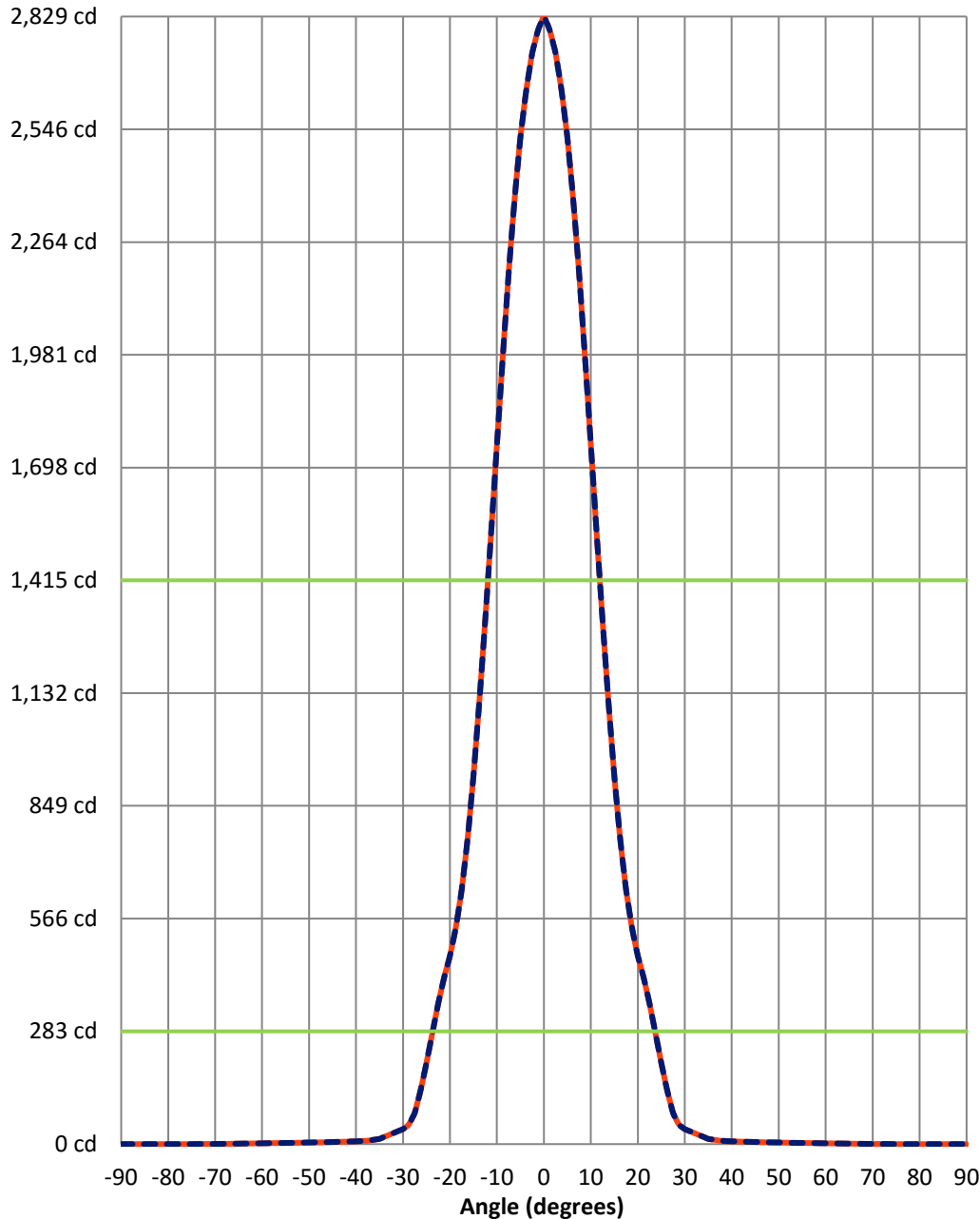
REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.8°
 V Angle: 23.8°
 Lumens: 276.8
 Efficiency: 46.9%

Field:
 H Angle: 47.4°
 V Angle: 47.4°
 Lumens: 531.4
 Efficiency: 90.1%

Spill:
 Lumens: 58.2
 Efficiency: 9.9%

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



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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	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	1
35°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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	0	0	0	0	1
32.5°	0	0	0	0	0	0	0	0	0	1	1
31.25°	0	0	0	0	0	0	0	0	0	1	1
30°	0	0	0	0	0	0	0	0	0	1	1
28.75°	0	0	0	0	0	0	0	0	1	1	1
27.5°	0	0	0	0	0	0	0	0	1	1	1
26.25°	0	0	0	0	0	0	0	0	1	1	1
25°	0	0	0	0	0	0	0	0	1	1	1
23.75°	0	0	0	0	0	0	0	0	1	1	1
22.5°	0	0	0	0	0	0	0	1	1	1	1
21.25°	0	0	0	0	0	0	0	1	1	1	1
20°	0	0	0	0	0	0	0	1	1	1	1
18.75°	0	0	0	0	0	0	0	1	1	1	1
17.5°	0	0	0	0	0	0	0	1	1	1	1
16.25°	0	0	0	0	0	0	0	1	1	1	1
15°	0	0	0	0	0	0	0	1	1	1	1
13.75°	0	0	0	0	0	0	0	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	0	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	0	1	1	1	1
-15°	0	0	0	0	0	0	0	1	1	1	1
-16.25°	0	0	0	0	0	0	0	1	1	1	1
-17.5°	0	0	0	0	0	0	0	1	1	1	1
-18.75°	0	0	0	0	0	0	0	1	1	1	1
-20°	0	0	0	0	0	0	0	1	1	1	1
-21.25°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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	0	0	0	1	1	1	1
-23.75°	0	0	0	0	0	0	0	0	1	1	1
-25°	0	0	0	0	0	0	0	0	1	1	1
-26.25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-28.75°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	0	1	1
-31.25°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-33.75°	0	0	0	0	0	0	0	0	0	0	1
-35°	0	0	0	0	0	0	0	0	0	0	1
-36.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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	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	1
55°	0	0	0	0	0	0	0	0	0	1	1
53.75°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	1	1	1	1	1	1	1
47.5°	0	0	0	0	1	1	1	1	1	1	1
46.25°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	1	1	1	1	1	1	1	1	2
43.75°	0	0	1	1	1	1	1	1	1	2	2
42.5°	0	1	1	1	1	1	1	1	1	2	2
41.25°	0	1	1	1	1	1	1	1	2	2	2
40°	1	1	1	1	1	1	1	2	2	2	2
38.75°	1	1	1	1	1	1	1	2	2	2	2
37.5°	1	1	1	1	1	1	2	2	2	2	2
36.25°	1	1	1	1	1	1	2	2	2	2	2
35°	1	1	1	1	1	2	2	2	2	2	2



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	1	1	1	1	1	2	2	2	2	2	2
32.5°	1	1	1	1	2	2	2	2	2	2	3
31.25°	1	1	1	1	2	2	2	2	2	2	3
30°	1	1	1	1	2	2	2	2	2	3	3
28.75°	1	1	1	2	2	2	2	2	2	3	3
27.5°	1	1	1	2	2	2	2	2	3	3	3
26.25°	1	1	1	2	2	2	2	2	3	3	3
25°	1	1	2	2	2	2	2	2	3	3	3
23.75°	1	1	2	2	2	2	2	3	3	3	3
22.5°	1	1	2	2	2	2	2	3	3	3	3
21.25°	1	1	2	2	2	2	2	3	3	3	3
20°	1	1	2	2	2	2	3	3	3	3	3
18.75°	1	2	2	2	2	2	3	3	3	3	3
17.5°	1	2	2	2	2	2	3	3	3	3	3
16.25°	1	2	2	2	2	2	3	3	3	3	3
15°	1	2	2	2	2	2	3	3	3	3	4
13.75°	1	2	2	2	2	3	3	3	3	3	4
12.5°	1	2	2	2	2	3	3	3	3	3	4
11.25°	2	2	2	2	2	3	3	3	3	3	4
10°	2	2	2	2	2	3	3	3	3	3	4
8.75°	2	2	2	2	2	3	3	3	3	4	4
7.5°	2	2	2	2	2	3	3	3	3	4	4
6.25°	2	2	2	2	2	3	3	3	3	4	4
5°	2	2	2	2	2	3	3	3	3	4	4
3.75°	2	2	2	2	2	3	3	3	3	4	4
2.5°	2	2	2	2	2	3	3	3	3	4	4
1.25°	2	2	2	2	2	3	3	3	3	4	4
0°	2	2	2	2	3	3	3	3	3	4	4
-1.25°	2	2	2	2	2	3	3	3	3	4	4
-2.5°	2	2	2	2	2	3	3	3	3	4	4
-3.75°	2	2	2	2	2	3	3	3	3	4	4
-5°	2	2	2	2	2	3	3	3	3	4	4
-6.25°	2	2	2	2	2	3	3	3	3	4	4
-7.5°	2	2	2	2	2	3	3	3	3	4	4
-8.75°	2	2	2	2	2	3	3	3	3	4	4
-10°	2	2	2	2	2	3	3	3	3	3	4
-11.25°	2	2	2	2	2	3	3	3	3	3	4
-12.5°	1	2	2	2	2	3	3	3	3	3	4
-13.75°	1	2	2	2	2	3	3	3	3	3	4
-15°	1	2	2	2	2	2	3	3	3	3	4
-16.25°	1	2	2	2	2	2	3	3	3	3	3
-17.5°	1	2	2	2	2	2	3	3	3	3	3
-18.75°	1	2	2	2	2	2	3	3	3	3	3
-20°	1	1	2	2	2	2	3	3	3	3	3
-21.25°	1	1	2	2	2	2	2	3	3	3	3



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	1	1	2	2	2	2	2	3	3	3	3
-23.75°	1	1	2	2	2	2	2	3	3	3	3
-25°	1	1	2	2	2	2	2	2	3	3	3
-26.25°	1	1	1	2	2	2	2	2	3	3	3
-27.5°	1	1	1	2	2	2	2	2	3	3	3
-28.75°	1	1	1	2	2	2	2	2	2	3	3
-30°	1	1	1	1	2	2	2	2	2	3	3
-31.25°	1	1	1	1	2	2	2	2	2	2	3
-32.5°	1	1	1	1	2	2	2	2	2	2	3
-33.75°	1	1	1	1	1	2	2	2	2	2	2
-35°	1	1	1	1	1	2	2	2	2	2	2
-36.25°	1	1	1	1	1	1	2	2	2	2	2
-37.5°	1	1	1	1	1	1	2	2	2	2	2
-38.75°	1	1	1	1	1	1	1	2	2	2	2
-40°	1	1	1	1	1	1	1	2	2	2	2
-41.25°	0	1	1	1	1	1	1	1	2	2	2
-42.5°	0	1	1	1	1	1	1	1	1	2	2
-43.75°	0	0	1	1	1	1	1	1	1	2	2
-45°	0	0	1	1	1	1	1	1	1	1	2
-46.25°	0	0	0	1	1	1	1	1	1	1	1
-47.5°	0	0	0	0	1	1	1	1	1	1	1
-48.75°	0	0	0	0	1	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	0	1	1	1
-55°	0	0	0	0	0	0	0	0	0	1	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	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	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	1	1	1	1	1	1
60°	0	0	0	1	1	1	1	1	1	1	1
58.75°	0	0	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	2	2
53.75°	1	1	1	1	1	1	1	2	2	2	2
52.5°	1	1	1	1	1	1	2	2	2	2	2
51.25°	1	1	1	1	2	2	2	2	2	2	2
50°	1	1	1	2	2	2	2	2	2	2	2
48.75°	1	1	2	2	2	2	2	2	2	2	2
47.5°	1	2	2	2	2	2	2	2	2	2	3
46.25°	2	2	2	2	2	2	2	2	3	3	3
45°	2	2	2	2	2	2	2	3	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	3
42.5°	2	2	2	2	2	3	3	3	3	3	3
41.25°	2	2	2	2	3	3	3	3	3	3	3
40°	2	2	2	3	3	3	3	3	3	3	4
38.75°	2	2	3	3	3	3	3	3	3	4	4
37.5°	2	2	3	3	3	3	3	3	4	4	4
36.25°	2	3	3	3	3	3	3	4	4	4	4
35°	3	3	3	3	3	3	3	4	4	4	4



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	3	3	3	3	3	3	4	4	4	4	4
32.5°	3	3	3	3	3	4	4	4	4	4	5
31.25°	3	3	3	3	4	4	4	4	4	5	5
30°	3	3	3	3	4	4	4	4	4	5	5
28.75°	3	3	3	4	4	4	4	4	5	5	5
27.5°	3	3	3	4	4	4	4	5	5	5	6
26.25°	3	3	4	4	4	4	4	5	5	5	6
25°	3	3	4	4	4	4	5	5	5	6	6
23.75°	3	4	4	4	4	4	5	5	5	6	6
22.5°	3	4	4	4	4	5	5	5	6	6	6
21.25°	3	4	4	4	4	5	5	5	6	6	7
20°	4	4	4	4	5	5	5	6	6	6	7
18.75°	4	4	4	4	5	5	5	6	6	7	7
17.5°	4	4	4	4	5	5	6	6	6	7	7
16.25°	4	4	4	5	5	5	6	6	6	7	7
15°	4	4	4	5	5	5	6	6	7	7	8
13.75°	4	4	4	5	5	6	6	6	7	7	8
12.5°	4	4	4	5	5	6	6	6	7	7	8
11.25°	4	4	5	5	5	6	6	7	7	8	8
10°	4	4	5	5	5	6	6	7	7	8	9
8.75°	4	4	5	5	5	6	6	7	7	8	9
7.5°	4	4	5	5	6	6	6	7	7	8	10
6.25°	4	4	5	5	6	6	6	7	8	8	10
5°	4	4	5	5	6	6	6	7	8	8	10
3.75°	4	4	5	5	6	6	6	7	8	8	11
2.5°	4	4	5	5	6	6	7	7	8	9	11
1.25°	4	4	5	5	6	6	7	7	8	9	11
0°	4	5	5	5	6	6	7	7	8	9	11
-1.25°	4	4	5	5	6	6	7	7	8	9	11
-2.5°	4	4	5	5	6	6	7	7	8	9	11
-3.75°	4	4	5	5	6	6	6	7	8	8	11
-5°	4	4	5	5	6	6	6	7	8	8	10
-6.25°	4	4	5	5	6	6	6	7	8	8	10
-7.5°	4	4	5	5	6	6	6	7	7	8	10
-8.75°	4	4	5	5	5	6	6	7	7	8	9
-10°	4	4	5	5	5	6	6	7	7	8	9
-11.25°	4	4	5	5	5	6	6	7	7	8	8
-12.5°	4	4	4	5	5	6	6	6	7	7	8
-13.75°	4	4	4	5	5	6	6	6	7	7	8
-15°	4	4	4	5	5	5	6	6	7	7	8
-16.25°	4	4	4	5	5	5	6	6	6	7	7
-17.5°	4	4	4	4	5	5	6	6	6	7	7
-18.75°	4	4	4	4	5	5	5	6	6	6	7
-20°	4	4	4	4	5	5	5	6	6	6	7
-21.25°	3	4	4	4	4	5	5	5	6	6	7



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	3	4	4	4	4	5	5	5	6	6	6
-23.75°	3	4	4	4	4	4	5	5	5	6	6
-25°	3	3	4	4	4	4	5	5	5	6	6
-26.25°	3	3	4	4	4	4	4	5	5	5	6
-27.5°	3	3	3	4	4	4	4	5	5	5	6
-28.75°	3	3	3	4	4	4	4	4	5	5	5
-30°	3	3	3	3	4	4	4	4	4	5	5
-31.25°	3	3	3	3	4	4	4	4	4	5	5
-32.5°	3	3	3	3	3	4	4	4	4	4	5
-33.75°	3	3	3	3	3	3	4	4	4	4	4
-35°	3	3	3	3	3	3	3	4	4	4	4
-36.25°	2	3	3	3	3	3	3	4	4	4	4
-37.5°	2	2	3	3	3	3	3	3	4	4	4
-38.75°	2	2	3	3	3	3	3	3	3	4	4
-40°	2	2	2	3	3	3	3	3	3	3	4
-41.25°	2	2	2	2	3	3	3	3	3	3	3
-42.5°	2	2	2	2	2	3	3	3	3	3	3
-43.75°	2	2	2	2	2	2	3	3	3	3	3
-45°	2	2	2	2	2	2	2	3	3	3	3
-46.25°	2	2	2	2	2	2	2	2	3	3	3
-47.5°	1	2	2	2	2	2	2	2	2	2	3
-48.75°	1	1	2	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	1	2	2	2	2	2	2	2
-52.5°	1	1	1	1	1	1	2	2	2	2	2
-53.75°	1	1	1	1	1	1	1	2	2	2	2
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	0	0	1	1	1	1	1	1	1	1	1
-60°	0	0	0	1	1	1	1	1	1	1	1
-61.25°	0	0	0	0	0	1	1	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	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	1
66.25°	0	0	0	0	0	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	3	3
52.5°	2	2	2	2	2	2	3	3	3	3	3
51.25°	2	2	2	2	3	3	3	3	3	3	3
50°	2	2	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	4	4
46.25°	3	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	3	4	4	4	4	4	4
43.75°	3	3	3	4	4	4	4	4	4	4	4
42.5°	3	3	4	4	4	4	4	4	4	4	5
41.25°	3	4	4	4	4	4	4	4	5	5	5
40°	4	4	4	4	4	4	5	5	5	5	5
38.75°	4	4	4	4	4	5	5	5	5	5	6
37.5°	4	4	4	5	5	5	5	5	6	6	6
36.25°	4	4	5	5	5	5	6	6	6	6	6
35°	4	5	5	5	5	6	6	6	6	6	7



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	5	5	5	5	6	6	6	6	7	7	7
32.5°	5	5	5	6	6	6	6	7	7	7	8
31.25°	5	5	6	6	6	6	7	7	8	8	8
30°	5	6	6	6	6	7	7	8	8	9	10
28.75°	6	6	6	6	7	7	8	8	9	10	11
27.5°	6	6	6	7	7	8	8	9	10	12	13
26.25°	6	6	7	7	8	8	9	10	12	14	18
25°	6	7	7	8	8	9	10	12	14	18	22
23.75°	6	7	7	8	9	10	12	14	18	22	27
22.5°	7	7	8	8	10	11	13	18	22	27	31
21.25°	7	8	8	9	11	13	17	22	26	31	35
20°	7	8	9	10	12	15	20	25	30	34	39
18.75°	8	8	9	11	14	19	24	28	33	38	45
17.5°	8	9	10	12	16	22	27	32	37	43	57
16.25°	8	9	11	14	19	25	30	35	41	52	78
15°	8	10	12	16	22	27	33	38	46	66	105
13.75°	9	11	13	19	24	30	35	42	55	87	138
12.5°	10	12	15	21	26	32	38	46	69	113	171
11.25°	10	12	17	23	29	34	41	54	87	140	202
10°	11	13	19	25	30	36	43	62	106	166	233
8.75°	11	14	20	26	32	38	48	76	127	191	260
7.5°	12	16	22	28	34	40	54	88	145	213	284
6.25°	12	17	23	29	35	42	58	100	163	233	305
5°	13	18	24	30	36	43	63	112	177	249	322
3.75°	13	18	24	31	37	45	70	122	189	262	335
2.5°	13	19	25	31	37	47	75	129	197	271	345
1.25°	13	19	25	31	37	48	77	133	202	277	351
0°	13	19	25	32	38	48	78	134	204	279	352
-1.25°	13	19	25	31	37	48	77	133	202	277	351
-2.5°	13	19	25	31	37	47	75	129	197	271	345
-3.75°	13	18	24	31	37	45	70	122	189	262	335
-5°	13	18	24	30	36	43	63	112	177	249	322
-6.25°	12	17	23	29	35	42	58	100	163	233	305
-7.5°	12	16	22	28	34	40	54	88	145	213	284
-8.75°	11	14	20	26	32	38	48	76	127	191	260
-10°	11	13	19	25	30	36	43	62	106	166	233
-11.25°	10	12	17	23	29	34	41	54	87	140	202
-12.5°	10	12	15	21	26	32	38	46	69	113	171
-13.75°	9	11	13	19	24	30	35	42	55	87	138
-15°	8	10	12	16	22	27	33	38	46	66	105
-16.25°	8	9	11	14	19	25	30	35	41	52	78
-17.5°	8	9	10	12	16	22	27	32	37	43	57
-18.75°	8	8	9	11	14	19	24	28	33	38	45
-20°	7	8	9	10	12	15	20	25	30	34	39
-21.25°	7	8	8	9	11	13	17	22	26	31	35



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	7	7	8	8	10	11	13	18	22	27	31
-23.75°	6	7	7	8	9	10	12	14	18	22	27
-25°	6	7	7	8	8	9	10	12	14	18	22
-26.25°	6	6	7	7	8	8	9	10	12	14	18
-27.5°	6	6	6	7	7	8	8	9	10	12	13
-28.75°	6	6	6	6	7	7	8	8	9	10	11
-30°	5	6	6	6	6	7	7	8	8	9	10
-31.25°	5	5	6	6	6	6	7	7	8	8	8
-32.5°	5	5	5	6	6	6	6	7	7	7	8
-33.75°	5	5	5	5	6	6	6	6	7	7	7
-35°	4	5	5	5	5	6	6	6	6	6	7
-36.25°	4	4	5	5	5	5	6	6	6	6	6
-37.5°	4	4	4	5	5	5	5	5	6	6	6
-38.75°	4	4	4	4	4	5	5	5	5	5	6
-40°	4	4	4	4	4	4	5	5	5	5	5
-41.25°	3	4	4	4	4	4	4	4	5	5	5
-42.5°	3	3	4	4	4	4	4	4	4	4	5
-43.75°	3	3	3	4	4	4	4	4	4	4	4
-45°	3	3	3	3	3	4	4	4	4	4	4
-46.25°	3	3	3	3	3	3	3	4	4	4	4
-47.5°	3	3	3	3	3	3	3	3	3	4	4
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	2	2	3	3	3	3	3	3	3	3	3
-51.25°	2	2	2	2	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	2	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	3	3
-55°	2	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°	1	1	2	2	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	0	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	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	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	2	2	2
61.25°	1	1	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	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	3	3	3	3	3
55°	2	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	4
50°	3	3	3	3	3	4	4	4	4	4	4
48.75°	3	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	5	5	5
45°	4	4	4	4	5	5	5	5	5	5	5
43.75°	4	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	6	6	6	6	6
41.25°	5	5	5	6	6	6	6	6	6	6	6
40°	5	6	6	6	6	6	6	6	7	7	7
38.75°	6	6	6	6	6	7	7	7	7	7	7
37.5°	6	6	7	7	7	7	7	7	8	8	8
36.25°	7	7	7	7	7	8	8	8	8	9	9
35°	7	7	8	8	8	8	9	10	10	11	11



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	8	8	8	9	9	10	11	12	12	13	14
32.5°	8	9	9	10	11	12	13	15	17	19	20
31.25°	9	10	11	12	14	16	19	21	23	25	26
30°	11	12	14	16	19	22	24	26	29	30	32
28.75°	13	15	19	22	25	27	30	32	34	36	38
27.5°	17	20	24	27	30	33	35	38	41	43	48
26.25°	22	25	28	32	35	38	42	46	54	62	76
25°	26	30	33	37	41	46	55	69	87	106	127
23.75°	31	34	38	43	52	66	87	113	140	166	191
22.5°	35	39	45	57	78	105	138	171	202	233	260
21.25°	40	46	60	87	120	158	196	233	268	300	329
20°	46	61	91	130	172	215	257	297	333	366	393
18.75°	60	91	133	179	227	273	317	358	393	422	446
17.5°	87	130	179	230	281	330	374	411	442	469	498
16.25°	120	172	227	281	334	382	422	456	489	524	566
15°	158	215	273	330	382	426	462	502	547	597	654
13.75°	196	257	317	374	422	462	506	559	621	688	763
12.5°	233	297	358	411	456	502	559	629	708	796	894
11.25°	268	333	393	442	489	547	621	708	809	922	1037
10°	300	366	422	469	524	597	688	796	922	1053	1187
8.75°	329	393	446	498	566	654	763	894	1037	1187	1338
7.5°	354	415	466	525	607	711	840	989	1149	1317	1485
6.25°	375	434	487	556	649	766	913	1076	1254	1437	1622
5°	391	447	505	582	684	818	979	1157	1347	1545	1742
3.75°	403	458	519	604	718	863	1033	1222	1423	1633	1841
2.5°	411	466	531	623	743	897	1073	1272	1482	1700	1915
1.25°	416	471	539	634	758	917	1099	1302	1518	1740	1961
0°	418	473	542	638	763	923	1108	1313	1530	1754	1976
-1.25°	416	471	539	634	758	917	1099	1302	1518	1740	1961
-2.5°	411	466	531	623	743	897	1073	1272	1482	1700	1915
-3.75°	403	458	519	604	718	863	1033	1222	1423	1633	1841
-5°	391	447	505	582	684	818	979	1157	1347	1545	1742
-6.25°	375	434	487	556	649	766	913	1076	1254	1437	1622
-7.5°	354	415	466	525	607	711	840	989	1149	1317	1485
-8.75°	329	393	446	498	566	654	763	894	1037	1187	1338
-10°	300	366	422	469	524	597	688	796	922	1053	1187
-11.25°	268	333	393	442	489	547	621	708	809	922	1037
-12.5°	233	297	358	411	456	502	559	629	708	796	894
-13.75°	196	257	317	374	422	462	506	559	621	688	763
-15°	158	215	273	330	382	426	462	502	547	597	654
-16.25°	120	172	227	281	334	382	422	456	489	524	566
-17.5°	87	130	179	230	281	330	374	411	442	469	498
-18.75°	60	91	133	179	227	273	317	358	393	422	446
-20°	46	61	91	130	172	215	257	297	333	366	393
-21.25°	40	46	60	87	120	158	196	233	268	300	329



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	35	39	45	57	78	105	138	171	202	233	260
-23.75°	31	34	38	43	52	66	87	113	140	166	191
-25°	26	30	33	37	41	46	55	69	87	106	127
-26.25°	22	25	28	32	35	38	42	46	54	62	76
-27.5°	17	20	24	27	30	33	35	38	41	43	48
-28.75°	13	15	19	22	25	27	30	32	34	36	38
-30°	11	12	14	16	19	22	24	26	29	30	32
-31.25°	9	10	11	12	14	16	19	21	23	25	26
-32.5°	8	9	9	10	11	12	13	15	17	19	20
-33.75°	8	8	8	9	9	10	11	12	12	13	14
-35°	7	7	8	8	8	8	9	10	10	11	11
-36.25°	7	7	7	7	7	8	8	8	8	9	9
-37.5°	6	6	7	7	7	7	7	7	8	8	8
-38.75°	6	6	6	6	6	7	7	7	7	7	7
-40°	5	6	6	6	6	6	6	6	7	7	7
-41.25°	5	5	5	6	6	6	6	6	6	6	6
-42.5°	5	5	5	5	5	5	6	6	6	6	6
-43.75°	4	5	5	5	5	5	5	5	5	5	5
-45°	4	4	4	4	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	5	5	5
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	3	4	4	4	4	4	4	4	4	4	4
-50°	3	3	3	3	3	4	4	4	4	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	4
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	2	3	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	2	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	1	1	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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	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	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	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	2	2
57.5°	2	2	2	2	2	2	3	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	5	4	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	6	6	6	6	6	6	6	6	6	6	6
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	6	6	6	6	7	7	7	7	7	6	6
40°	7	7	7	7	7	7	7	7	7	7	7
38.75°	7	8	8	8	8	8	8	8	8	8	8
37.5°	8	8	8	8	9	9	9	9	9	8	8
36.25°	10	10	10	11	11	11	11	11	11	11	10
35°	12	12	13	13	13	13	13	13	13	13	13



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	16	17	18	18	19	19	19	19	19	18	18
32.5°	22	23	24	24	25	25	25	25	25	24	24
31.25°	28	29	30	31	31	31	32	31	31	31	30
30°	34	35	36	37	37	37	38	37	37	37	36
28.75°	40	42	43	45	47	48	48	48	47	45	43
27.5°	54	58	63	70	75	77	78	77	75	70	63
26.25°	88	100	112	122	129	133	134	133	129	122	112
25°	145	163	177	189	197	202	204	202	197	189	177
23.75°	213	233	249	262	271	277	279	277	271	262	249
22.5°	284	305	322	335	345	351	352	351	345	335	322
21.25°	354	375	391	403	411	416	418	416	411	403	391
20°	415	434	447	458	466	471	473	471	466	458	447
18.75°	466	487	505	519	531	539	542	539	531	519	505
17.5°	525	556	582	604	623	634	638	634	623	604	582
16.25°	607	649	684	718	743	758	763	758	743	718	684
15°	711	766	818	863	897	917	923	917	897	863	818
13.75°	840	913	979	1033	1073	1099	1108	1099	1073	1033	979
12.5°	989	1076	1157	1222	1272	1302	1313	1302	1272	1222	1157
11.25°	1149	1254	1347	1423	1482	1518	1530	1518	1482	1423	1347
10°	1317	1437	1545	1633	1700	1740	1754	1740	1700	1633	1545
8.75°	1485	1622	1742	1841	1915	1961	1976	1961	1915	1841	1742
7.5°	1648	1799	1932	2040	2121	2169	2186	2169	2121	2040	1932
6.25°	1799	1962	2106	2220	2303	2353	2371	2353	2303	2220	2106
5°	1932	2106	2255	2371	2455	2507	2526	2507	2455	2371	2255
3.75°	2040	2220	2371	2490	2575	2630	2646	2630	2575	2490	2371
2.5°	2121	2303	2455	2575	2664	2720	2737	2720	2664	2575	2455
1.25°	2169	2353	2507	2630	2720	2776	2796	2776	2720	2630	2507
0°	2186	2371	2526	2646	2737	2796	2829	2796	2737	2646	2526
-1.25°	2169	2353	2507	2630	2720	2776	2796	2776	2720	2630	2507
-2.5°	2121	2303	2455	2575	2664	2720	2737	2720	2664	2575	2455
-3.75°	2040	2220	2371	2490	2575	2630	2646	2630	2575	2490	2371
-5°	1932	2106	2255	2371	2455	2507	2526	2507	2455	2371	2255
-6.25°	1799	1962	2106	2220	2303	2353	2371	2353	2303	2220	2106
-7.5°	1648	1799	1932	2040	2121	2169	2186	2169	2121	2040	1932
-8.75°	1485	1622	1742	1841	1915	1961	1976	1961	1915	1841	1742
-10°	1317	1437	1545	1633	1700	1740	1754	1740	1700	1633	1545
-11.25°	1149	1254	1347	1423	1482	1518	1530	1518	1482	1423	1347
-12.5°	989	1076	1157	1222	1272	1302	1313	1302	1272	1222	1157
-13.75°	840	913	979	1033	1073	1099	1108	1099	1073	1033	979
-15°	711	766	818	863	897	917	923	917	897	863	818
-16.25°	607	649	684	718	743	758	763	758	743	718	684
-17.5°	525	556	582	604	623	634	638	634	623	604	582
-18.75°	466	487	505	519	531	539	542	539	531	519	505
-20°	415	434	447	458	466	471	473	471	466	458	447
-21.25°	354	375	391	403	411	416	418	416	411	403	391



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	284	305	322	335	345	351	352	351	345	335	322
-23.75°	213	233	249	262	271	277	279	277	271	262	249
-25°	145	163	177	189	197	202	204	202	197	189	177
-26.25°	88	100	112	122	129	133	134	133	129	122	112
-27.5°	54	58	63	70	75	77	78	77	75	70	63
-28.75°	40	42	43	45	47	48	48	48	47	45	43
-30°	34	35	36	37	37	37	38	37	37	37	36
-31.25°	28	29	30	31	31	31	32	31	31	31	30
-32.5°	22	23	24	24	25	25	25	25	25	24	24
-33.75°	16	17	18	18	19	19	19	19	19	18	18
-35°	12	12	13	13	13	13	13	13	13	13	13
-36.25°	10	10	10	11	11	11	11	11	11	11	10
-37.5°	8	8	8	8	9	9	9	9	9	8	8
-38.75°	7	8	8	8	8	8	8	8	8	8	8
-40°	7	7	7	7	7	7	7	7	7	7	7
-41.25°	6	6	6	6	7	7	7	7	7	6	6
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	6	6	6	6	6	6	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	4	5	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	3	2	2	2	2
-58.75°	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	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	1	1	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	1	1	1	1	1	1
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	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	2	2	2	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	4	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	4	4	4	3	3	3
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	4	4	4	4	4	4
45°	5	5	5	5	5	5	5	5	5	4	4
43.75°	6	6	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	6	6	6	6	5	5	5	5
41.25°	6	6	6	6	6	6	6	6	6	6	5
40°	7	7	7	7	7	6	6	6	6	6	6
38.75°	8	7	7	7	7	7	7	7	6	6	6
37.5°	8	8	8	8	8	7	7	7	7	7	7
36.25°	10	10	9	9	8	8	8	8	7	7	7
35°	12	12	11	11	10	10	9	8	8	8	8



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	17	16	14	13	12	12	11	10	9	9	8
32.5°	23	22	20	19	17	15	13	12	11	10	9
31.25°	29	28	26	25	23	21	19	16	14	12	11
30°	35	34	32	30	29	26	24	22	19	16	14
28.75°	42	40	38	36	34	32	30	27	25	22	19
27.5°	58	54	48	43	41	38	35	33	30	27	24
26.25°	100	88	76	62	54	46	42	38	35	32	28
25°	163	145	127	106	87	69	55	46	41	37	33
23.75°	233	213	191	166	140	113	87	66	52	43	38
22.5°	305	284	260	233	202	171	138	105	78	57	45
21.25°	375	354	329	300	268	233	196	158	120	87	60
20°	434	415	393	366	333	297	257	215	172	130	91
18.75°	487	466	446	422	393	358	317	273	227	179	133
17.5°	556	525	498	469	442	411	374	330	281	230	179
16.25°	649	607	566	524	489	456	422	382	334	281	227
15°	766	711	654	597	547	502	462	426	382	330	273
13.75°	913	840	763	688	621	559	506	462	422	374	317
12.5°	1076	989	894	796	708	629	559	502	456	411	358
11.25°	1254	1149	1037	922	809	708	621	547	489	442	393
10°	1437	1317	1187	1053	922	796	688	597	524	469	422
8.75°	1622	1485	1338	1187	1037	894	763	654	566	498	446
7.5°	1799	1648	1485	1317	1149	989	840	711	607	525	466
6.25°	1962	1799	1622	1437	1254	1076	913	766	649	556	487
5°	2106	1932	1742	1545	1347	1157	979	818	684	582	505
3.75°	2220	2040	1841	1633	1423	1222	1033	863	718	604	519
2.5°	2303	2121	1915	1700	1482	1272	1073	897	743	623	531
1.25°	2353	2169	1961	1740	1518	1302	1099	917	758	634	539
0°	2371	2186	1976	1754	1530	1313	1108	923	763	638	542
-1.25°	2353	2169	1961	1740	1518	1302	1099	917	758	634	539
-2.5°	2303	2121	1915	1700	1482	1272	1073	897	743	623	531
-3.75°	2220	2040	1841	1633	1423	1222	1033	863	718	604	519
-5°	2106	1932	1742	1545	1347	1157	979	818	684	582	505
-6.25°	1962	1799	1622	1437	1254	1076	913	766	649	556	487
-7.5°	1799	1648	1485	1317	1149	989	840	711	607	525	466
-8.75°	1622	1485	1338	1187	1037	894	763	654	566	498	446
-10°	1437	1317	1187	1053	922	796	688	597	524	469	422
-11.25°	1254	1149	1037	922	809	708	621	547	489	442	393
-12.5°	1076	989	894	796	708	629	559	502	456	411	358
-13.75°	913	840	763	688	621	559	506	462	422	374	317
-15°	766	711	654	597	547	502	462	426	382	330	273
-16.25°	649	607	566	524	489	456	422	382	334	281	227
-17.5°	556	525	498	469	442	411	374	330	281	230	179
-18.75°	487	466	446	422	393	358	317	273	227	179	133
-20°	434	415	393	366	333	297	257	215	172	130	91
-21.25°	375	354	329	300	268	233	196	158	120	87	60



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	305	284	260	233	202	171	138	105	78	57	45
-23.75°	233	213	191	166	140	113	87	66	52	43	38
-25°	163	145	127	106	87	69	55	46	41	37	33
-26.25°	100	88	76	62	54	46	42	38	35	32	28
-27.5°	58	54	48	43	41	38	35	33	30	27	24
-28.75°	42	40	38	36	34	32	30	27	25	22	19
-30°	35	34	32	30	29	26	24	22	19	16	14
-31.25°	29	28	26	25	23	21	19	16	14	12	11
-32.5°	23	22	20	19	17	15	13	12	11	10	9
-33.75°	17	16	14	13	12	12	11	10	9	9	8
-35°	12	12	11	11	10	10	9	8	8	8	8
-36.25°	10	10	9	9	8	8	8	8	7	7	7
-37.5°	8	8	8	8	8	7	7	7	7	7	7
-38.75°	8	7	7	7	7	7	7	7	6	6	6
-40°	7	7	7	7	7	6	6	6	6	6	6
-41.25°	6	6	6	6	6	6	6	6	6	6	5
-42.5°	6	6	6	6	6	6	6	5	5	5	5
-43.75°	6	6	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	4	4
-46.25°	5	5	5	5	5	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	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	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	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°	1	1	1	0	0	0	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	0	0	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	1	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	2	2
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	3	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	2	2	2	2
51.25°	3	3	3	3	3	3	3	3	3	2	2
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	4	3	3	3	3	3	3	3	3	3	3
47.5°	4	4	4	4	3	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	4	4	3	3	3
43.75°	5	4	4	4	4	4	4	4	4	4	3
42.5°	5	5	5	4	4	4	4	4	4	4	4
41.25°	5	5	5	5	5	4	4	4	4	4	4
40°	6	5	5	5	5	5	5	4	4	4	4
38.75°	6	6	6	5	5	5	5	5	4	4	4
37.5°	6	6	6	6	6	5	5	5	5	5	4
36.25°	7	7	6	6	6	6	6	5	5	5	5
35°	7	7	7	6	6	6	6	6	5	5	5



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	8	8	7	7	7	6	6	6	6	5	5
32.5°	9	8	8	7	7	7	6	6	6	6	5
31.25°	10	9	8	8	8	7	7	6	6	6	6
30°	12	11	10	9	8	8	7	7	6	6	6
28.75°	15	13	11	10	9	8	8	7	7	6	6
27.5°	20	17	13	12	10	9	8	8	7	7	6
26.25°	25	22	18	14	12	10	9	8	8	7	7
25°	30	26	22	18	14	12	10	9	8	8	7
23.75°	34	31	27	22	18	14	12	10	9	8	7
22.5°	39	35	31	27	22	18	13	11	10	8	8
21.25°	46	40	35	31	26	22	17	13	11	9	8
20°	61	46	39	34	30	25	20	15	12	10	9
18.75°	91	60	45	38	33	28	24	19	14	11	9
17.5°	130	87	57	43	37	32	27	22	16	12	10
16.25°	172	120	78	52	41	35	30	25	19	14	11
15°	215	158	105	66	46	38	33	27	22	16	12
13.75°	257	196	138	87	55	42	35	30	24	19	13
12.5°	297	233	171	113	69	46	38	32	26	21	15
11.25°	333	268	202	140	87	54	41	34	29	23	17
10°	366	300	233	166	106	62	43	36	30	25	19
8.75°	393	329	260	191	127	76	48	38	32	26	20
7.5°	415	354	284	213	145	88	54	40	34	28	22
6.25°	434	375	305	233	163	100	58	42	35	29	23
5°	447	391	322	249	177	112	63	43	36	30	24
3.75°	458	403	335	262	189	122	70	45	37	31	24
2.5°	466	411	345	271	197	129	75	47	37	31	25
1.25°	471	416	351	277	202	133	77	48	37	31	25
0°	473	418	352	279	204	134	78	48	38	32	25
-1.25°	471	416	351	277	202	133	77	48	37	31	25
-2.5°	466	411	345	271	197	129	75	47	37	31	25
-3.75°	458	403	335	262	189	122	70	45	37	31	24
-5°	447	391	322	249	177	112	63	43	36	30	24
-6.25°	434	375	305	233	163	100	58	42	35	29	23
-7.5°	415	354	284	213	145	88	54	40	34	28	22
-8.75°	393	329	260	191	127	76	48	38	32	26	20
-10°	366	300	233	166	106	62	43	36	30	25	19
-11.25°	333	268	202	140	87	54	41	34	29	23	17
-12.5°	297	233	171	113	69	46	38	32	26	21	15
-13.75°	257	196	138	87	55	42	35	30	24	19	13
-15°	215	158	105	66	46	38	33	27	22	16	12
-16.25°	172	120	78	52	41	35	30	25	19	14	11
-17.5°	130	87	57	43	37	32	27	22	16	12	10
-18.75°	91	60	45	38	33	28	24	19	14	11	9
-20°	61	46	39	34	30	25	20	15	12	10	9
-21.25°	46	40	35	31	26	22	17	13	11	9	8



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	39	35	31	27	22	18	13	11	10	8	8
-23.75°	34	31	27	22	18	14	12	10	9	8	7
-25°	30	26	22	18	14	12	10	9	8	8	7
-26.25°	25	22	18	14	12	10	9	8	8	7	7
-27.5°	20	17	13	12	10	9	8	8	7	7	6
-28.75°	15	13	11	10	9	8	8	7	7	6	6
-30°	12	11	10	9	8	8	7	7	6	6	6
-31.25°	10	9	8	8	8	7	7	6	6	6	6
-32.5°	9	8	8	7	7	7	6	6	6	6	5
-33.75°	8	8	7	7	7	6	6	6	6	5	5
-35°	7	7	7	6	6	6	6	6	5	5	5
-36.25°	7	7	6	6	6	6	6	5	5	5	5
-37.5°	6	6	6	6	6	5	5	5	5	5	4
-38.75°	6	6	6	5	5	5	5	5	4	4	4
-40°	6	5	5	5	5	5	5	4	4	4	4
-41.25°	5	5	5	5	5	4	4	4	4	4	4
-42.5°	5	5	5	4	4	4	4	4	4	4	4
-43.75°	5	4	4	4	4	4	4	4	4	4	3
-45°	4	4	4	4	4	4	4	4	3	3	3
-46.25°	4	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	3	3	3	3	3	3	3
-48.75°	4	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	2	2
-52.5°	3	3	3	3	3	3	3	2	2	2	2
-53.75°	3	3	3	3	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	2	2
-58.75°	2	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	0	0	0
-67.5°	1	1	1	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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	1	1	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	2	1	1	1	1	1	1	1
53.75°	2	2	2	2	2	2	1	1	1	1	1
52.5°	2	2	2	2	2	2	2	1	1	1	1
51.25°	2	2	2	2	2	2	2	2	2	1	1
50°	2	2	2	2	2	2	2	2	2	2	1
48.75°	3	3	2	2	2	2	2	2	2	2	2
47.5°	3	3	3	2	2	2	2	2	2	2	2
46.25°	3	3	3	3	3	2	2	2	2	2	2
45°	3	3	3	3	3	3	2	2	2	2	2
43.75°	3	3	3	3	3	3	3	2	2	2	2
42.5°	3	3	3	3	3	3	3	3	2	2	2
41.25°	4	3	3	3	3	3	3	3	3	2	2
40°	4	4	4	3	3	3	3	3	3	3	2
38.75°	4	4	4	4	3	3	3	3	3	3	3
37.5°	4	4	4	4	4	3	3	3	3	3	3
36.25°	4	4	4	4	4	4	3	3	3	3	3
35°	5	4	4	4	4	4	3	3	3	3	3



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	5	5	4	4	4	4	4	3	3	3	3
32.5°	5	5	5	4	4	4	4	4	3	3	3
31.25°	5	5	5	5	4	4	4	4	4	3	3
30°	6	5	5	5	4	4	4	4	4	3	3
28.75°	6	6	5	5	5	4	4	4	4	4	3
27.5°	6	6	6	5	5	5	4	4	4	4	3
26.25°	6	6	6	5	5	5	4	4	4	4	4
25°	7	6	6	6	5	5	5	4	4	4	4
23.75°	7	6	6	6	5	5	5	4	4	4	4
22.5°	7	7	6	6	6	5	5	5	4	4	4
21.25°	8	7	7	6	6	5	5	5	4	4	4
20°	8	7	7	6	6	6	5	5	5	4	4
18.75°	8	8	7	7	6	6	5	5	5	4	4
17.5°	9	8	7	7	6	6	6	5	5	4	4
16.25°	9	8	7	7	6	6	6	5	5	5	4
15°	10	8	8	7	7	6	6	5	5	5	4
13.75°	11	9	8	7	7	6	6	6	5	5	4
12.5°	12	10	8	7	7	6	6	6	5	5	4
11.25°	12	10	8	8	7	7	6	6	5	5	5
10°	13	11	9	8	7	7	6	6	5	5	5
8.75°	14	11	9	8	7	7	6	6	5	5	5
7.5°	16	12	10	8	7	7	6	6	6	5	5
6.25°	17	12	10	8	8	7	6	6	6	5	5
5°	18	13	10	8	8	7	6	6	6	5	5
3.75°	18	13	11	8	8	7	6	6	6	5	5
2.5°	19	13	11	9	8	7	7	6	6	5	5
1.25°	19	13	11	9	8	7	7	6	6	5	5
0°	19	13	11	9	8	7	7	6	6	5	5
-1.25°	19	13	11	9	8	7	7	6	6	5	5
-2.5°	19	13	11	9	8	7	7	6	6	5	5
-3.75°	18	13	11	8	8	7	6	6	6	5	5
-5°	18	13	10	8	8	7	6	6	6	5	5
-6.25°	17	12	10	8	8	7	6	6	6	5	5
-7.5°	16	12	10	8	7	7	6	6	6	5	5
-8.75°	14	11	9	8	7	7	6	6	5	5	5
-10°	13	11	9	8	7	7	6	6	5	5	5
-11.25°	12	10	8	8	7	7	6	6	5	5	5
-12.5°	12	10	8	7	7	6	6	6	5	5	4
-13.75°	11	9	8	7	7	6	6	6	5	5	4
-15°	10	8	8	7	7	6	6	5	5	5	4
-16.25°	9	8	7	7	6	6	6	5	5	5	4
-17.5°	9	8	7	7	6	6	6	5	5	4	4
-18.75°	8	8	7	7	6	6	5	5	5	4	4
-20°	8	7	7	6	6	6	5	5	5	4	4
-21.25°	8	7	7	6	6	5	5	5	4	4	4



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	7	7	6	6	6	5	5	5	4	4	4
-23.75°	7	6	6	6	5	5	5	4	4	4	4
-25°	7	6	6	6	5	5	5	4	4	4	4
-26.25°	6	6	6	5	5	5	4	4	4	4	4
-27.5°	6	6	6	5	5	5	4	4	4	4	3
-28.75°	6	6	5	5	5	4	4	4	4	4	3
-30°	6	5	5	5	4	4	4	4	4	3	3
-31.25°	5	5	5	5	4	4	4	4	4	3	3
-32.5°	5	5	5	4	4	4	4	4	3	3	3
-33.75°	5	5	4	4	4	4	4	3	3	3	3
-35°	5	4	4	4	4	4	3	3	3	3	3
-36.25°	4	4	4	4	4	4	3	3	3	3	3
-37.5°	4	4	4	4	4	3	3	3	3	3	3
-38.75°	4	4	4	4	3	3	3	3	3	3	3
-40°	4	4	4	3	3	3	3	3	3	3	2
-41.25°	4	3	3	3	3	3	3	3	3	2	2
-42.5°	3	3	3	3	3	3	3	3	2	2	2
-43.75°	3	3	3	3	3	3	3	2	2	2	2
-45°	3	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	3	2	2	2	2	2	2
-47.5°	3	3	3	2	2	2	2	2	2	2	2
-48.75°	3	3	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	1	1
-52.5°	2	2	2	2	2	2	2	1	1	1	1
-53.75°	2	2	2	2	2	2	1	1	1	1	1
-55°	2	2	2	2	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	0
-61.25°	1	1	1	1	1	1	1	1	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	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°	1	1	0	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	1	0	0	0	0	0	0	0
53.75°	1	1	1	1	1	0	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	1	0	0
47.5°	2	1	1	1	1	1	1	1	1	0	0
46.25°	2	2	1	1	1	1	1	1	1	1	0
45°	2	2	2	1	1	1	1	1	1	1	1
43.75°	2	2	2	2	1	1	1	1	1	1	1
42.5°	2	2	2	2	1	1	1	1	1	1	1
41.25°	2	2	2	2	2	1	1	1	1	1	1
40°	2	2	2	2	2	2	1	1	1	1	1
38.75°	2	2	2	2	2	2	1	1	1	1	1
37.5°	2	2	2	2	2	2	2	1	1	1	1
36.25°	3	2	2	2	2	2	2	1	1	1	1
35°	3	3	2	2	2	2	2	2	1	1	1



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	3	3	2	2	2	2	2	2	1	1	1
32.5°	3	3	3	2	2	2	2	2	2	1	1
31.25°	3	3	3	2	2	2	2	2	2	1	1
30°	3	3	3	3	2	2	2	2	2	1	1
28.75°	3	3	3	3	2	2	2	2	2	2	1
27.5°	3	3	3	3	3	2	2	2	2	2	1
26.25°	3	3	3	3	3	2	2	2	2	2	1
25°	3	3	3	3	3	2	2	2	2	2	2
23.75°	4	3	3	3	3	3	2	2	2	2	2
22.5°	4	3	3	3	3	3	2	2	2	2	2
21.25°	4	3	3	3	3	3	2	2	2	2	2
20°	4	4	3	3	3	3	3	2	2	2	2
18.75°	4	4	3	3	3	3	3	2	2	2	2
17.5°	4	4	3	3	3	3	3	2	2	2	2
16.25°	4	4	3	3	3	3	3	2	2	2	2
15°	4	4	4	3	3	3	3	2	2	2	2
13.75°	4	4	4	3	3	3	3	3	2	2	2
12.5°	4	4	4	3	3	3	3	3	2	2	2
11.25°	4	4	4	3	3	3	3	3	2	2	2
10°	4	4	4	3	3	3	3	3	2	2	2
8.75°	4	4	4	4	3	3	3	3	2	2	2
7.5°	4	4	4	4	3	3	3	3	2	2	2
6.25°	4	4	4	4	3	3	3	3	2	2	2
5°	4	4	4	4	3	3	3	3	2	2	2
3.75°	4	4	4	4	3	3	3	3	2	2	2
2.5°	4	4	4	4	3	3	3	3	2	2	2
1.25°	4	4	4	4	3	3	3	3	2	2	2
0°	5	4	4	4	3	3	3	3	3	2	2
-1.25°	4	4	4	4	3	3	3	3	2	2	2
-2.5°	4	4	4	4	3	3	3	3	2	2	2
-3.75°	4	4	4	4	3	3	3	3	2	2	2
-5°	4	4	4	4	3	3	3	3	2	2	2
-6.25°	4	4	4	4	3	3	3	3	2	2	2
-7.5°	4	4	4	4	3	3	3	3	2	2	2
-8.75°	4	4	4	4	3	3	3	3	2	2	2
-10°	4	4	4	3	3	3	3	3	2	2	2
-11.25°	4	4	4	3	3	3	3	3	2	2	2
-12.5°	4	4	4	3	3	3	3	3	2	2	2
-13.75°	4	4	4	3	3	3	3	3	2	2	2
-15°	4	4	4	3	3	3	3	2	2	2	2
-16.25°	4	4	3	3	3	3	3	2	2	2	2
-17.5°	4	4	3	3	3	3	3	2	2	2	2
-18.75°	4	4	3	3	3	3	3	2	2	2	2
-20°	4	4	3	3	3	3	3	2	2	2	2
-21.25°	4	3	3	3	3	3	2	2	2	2	2



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	4	3	3	3	3	3	2	2	2	2	2
-23.75°	4	3	3	3	3	3	2	2	2	2	2
-25°	3	3	3	3	3	2	2	2	2	2	2
-26.25°	3	3	3	3	3	2	2	2	2	2	1
-27.5°	3	3	3	3	3	2	2	2	2	2	1
-28.75°	3	3	3	3	2	2	2	2	2	2	1
-30°	3	3	3	3	2	2	2	2	2	1	1
-31.25°	3	3	3	2	2	2	2	2	2	1	1
-32.5°	3	3	3	2	2	2	2	2	2	1	1
-33.75°	3	3	2	2	2	2	2	2	1	1	1
-35°	3	3	2	2	2	2	2	2	1	1	1
-36.25°	3	2	2	2	2	2	2	1	1	1	1
-37.5°	2	2	2	2	2	2	2	1	1	1	1
-38.75°	2	2	2	2	2	2	1	1	1	1	1
-40°	2	2	2	2	2	2	1	1	1	1	1
-41.25°	2	2	2	2	2	1	1	1	1	1	1
-42.5°	2	2	2	2	1	1	1	1	1	1	1
-43.75°	2	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	1	1	1	1	1	1	1	1
-46.25°	2	2	1	1	1	1	1	1	1	1	0
-47.5°	2	1	1	1	1	1	1	1	1	0	0
-48.75°	1	1	1	1	1	1	1	1	1	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	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°	1	0	0	0	0	0	0	0	0	0	0
41.25°	1	0	0	0	0	0	0	0	0	0	0
40°	1	1	0	0	0	0	0	0	0	0	0
38.75°	1	1	0	0	0	0	0	0	0	0	0
37.5°	1	1	0	0	0	0	0	0	0	0	0
36.25°	1	1	1	0	0	0	0	0	0	0	0
35°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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°	1	1	1	1	1	1	0	0	0	0	0
-23.75°	1	1	1	1	1	0	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	1	0	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	0	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	0	0	0	0	0	0	0	0
-35°	1	1	1	0	0	0	0	0	0	0	0
-36.25°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	0	0	0	0	0	0	0	0	0
-38.75°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	1	0	0	0	0	0	0	0	0	0
-41.25°	1	0	0	0	0	0	0	0	0	0	0
-42.5°	1	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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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: P220518 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-BK-L1-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)