

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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

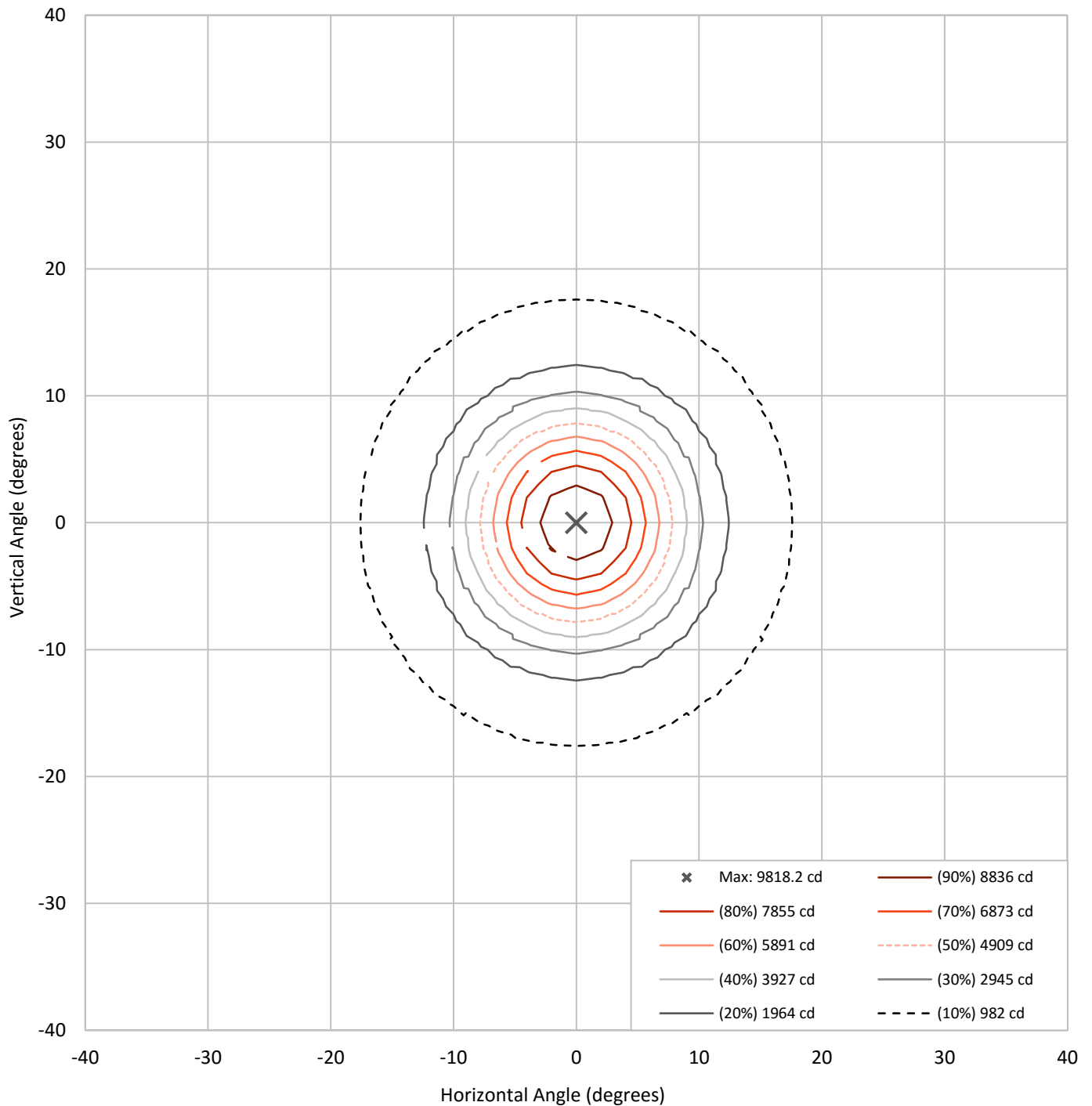
Test Method: LM-79-08
Report Number: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29472)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT
OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1143.8 lumens	Max Intensity:	9818.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.7°H x 15.7°V	Field Angle (10%):	35°H x 35°V
Beam Lumens:	407.7 lumens	Field Lumens:	876.1 lumens
Beam Efficiency:	35.6%	Field Efficiency:	76.6%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (A _{in}):	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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

Iso-Candela Plot





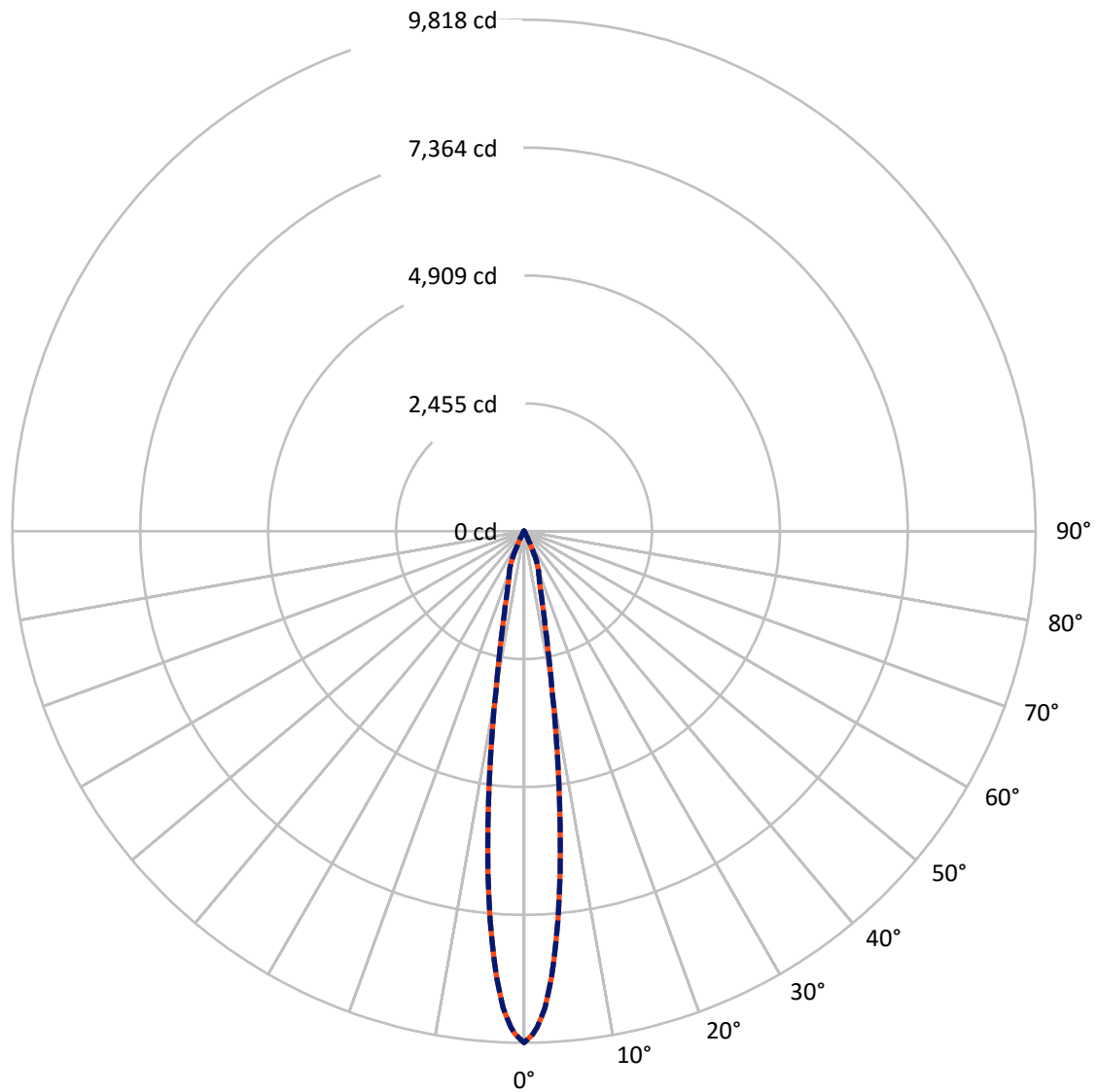
REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

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	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	
40		0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.6	0.4	0.3	0.2	0.1	0.1	0.0		
30	0.0	0.0	0.1	0.1	0.2	0.6	3.5	10.0	10.0	3.5	0.6	0.2	0.1	0.1	0.0	0.0	
20		0.0	0.1	0.2	0.3	3.4	20.6	39.1	39.1	20.6	3.4	0.3	0.2	0.1	0.0		
10	0.0	0.0	0.1	0.2	0.5	9.3	38.1	156.2	156.2	38.1	9.3	0.5	0.2	0.1	0.0	0.0	
0		0.0	0.1	0.2	0.5	9.3	38.1	156.2	156.2	38.1	9.3	0.5	0.2	0.1	0.0		
-10	0.0	0.0	0.1	0.2	0.3	3.4	20.6	39.1	39.1	20.6	3.4	0.3	0.2	0.1	0.0	0.0	
-20		0.0	0.1	0.1	0.2	0.6	3.5	10.0	10.0	3.5	0.6	0.2	0.1	0.1	0.0		
-30	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.6	0.4	0.3	0.2	0.1	0.1	0.0	0.0	
-40		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0		
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	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	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

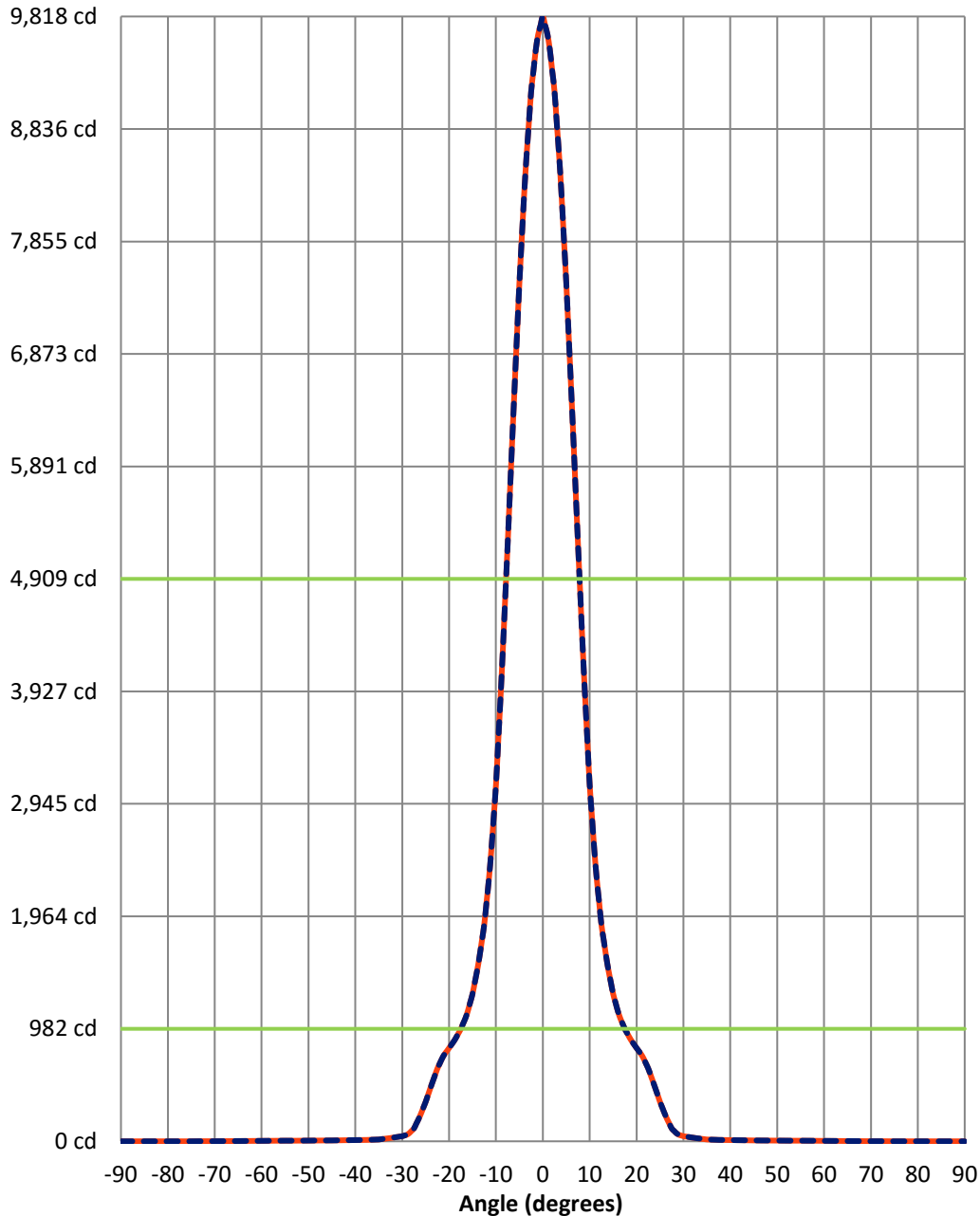
Luminous Intensity Polar Plot



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

REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 15.7°
 V Angle: 15.7°
 Lumens: 407.7
 Efficiency: 35.6%

Field:
 H Angle: 35°
 V Angle: 35°
 Lumens: 876.1
 Efficiency: 76.6%

Spill:
 Lumens: 267.6
 Efficiency: 23.4%

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



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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	5
22.5°	2	3	3	3	4	4	4	5	5	5	5
21.25°	2	3	3	3	4	4	4	5	5	5	5
20°	3	3	3	4	4	4	5	5	5	5	5
18.75°	3	3	3	4	4	4	5	5	5	5	5
17.5°	3	3	3	4	4	4	5	5	5	5	5
16.25°	3	3	3	4	4	4	5	5	5	5	5
15°	3	3	3	4	4	4	5	5	5	5	6
13.75°	3	3	3	4	4	4	5	5	5	5	6
12.5°	3	3	4	4	4	4	5	5	5	5	6
11.25°	3	3	4	4	4	4	5	5	5	5	6
10°	3	3	4	4	4	4	5	5	5	5	6
8.75°	3	3	4	4	4	4	5	5	5	6	6
7.5°	3	3	4	4	4	4	5	5	5	6	6
6.25°	3	3	4	4	4	4	5	5	5	6	6
5°	3	3	4	4	4	4	5	5	5	6	6
3.75°	3	3	4	4	4	4	5	5	5	6	6
2.5°	3	3	4	4	4	4	5	5	5	6	6
1.25°	3	3	4	4	4	4	5	5	5	6	6
0°	3	3	4	4	5	5	5	5	5	6	6
-1.25°	3	3	4	4	4	4	5	5	5	6	6
-2.5°	3	3	4	4	4	4	5	5	5	6	6
-3.75°	3	3	4	4	4	4	5	5	5	6	6
-5°	3	3	4	4	4	4	5	5	5	6	6
-6.25°	3	3	4	4	4	4	5	5	5	6	6
-7.5°	3	3	4	4	4	4	5	5	5	6	6
-8.75°	3	3	4	4	4	4	5	5	5	6	6
-10°	3	3	4	4	4	4	5	5	5	5	6
-11.25°	3	3	4	4	4	4	5	5	5	5	6
-12.5°	3	3	4	4	4	4	5	5	5	5	6
-13.75°	3	3	3	4	4	4	5	5	5	5	6
-15°	3	3	3	4	4	4	5	5	5	5	6
-16.25°	3	3	3	4	4	4	5	5	5	5	5
-17.5°	3	3	3	4	4	4	5	5	5	5	5
-18.75°	3	3	3	4	4	4	5	5	5	5	5
-20°	3	3	3	4	4	4	5	5	5	5	5
-21.25°	2	3	3	3	4	4	4	5	5	5	5



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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	5
-23.75°	2	3	3	3	4	4	4	5	5	5	5
-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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	5	5
41.25°	4	4	4	4	5	5	5	5	5	5	5
40°	4	4	4	5	5	5	5	5	5	5	5
38.75°	4	4	5	5	5	5	5	5	5	6	6
37.5°	4	4	5	5	5	5	5	5	6	6	6
36.25°	4	5	5	5	5	5	5	5	6	6	6
35°	5	5	5	5	5	5	5	6	6	6	6



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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	5	5	5	6	6	6	6	7
32.5°	5	5	5	5	5	6	6	6	6	7	7
31.25°	5	5	5	5	5	6	6	6	7	7	7
30°	5	5	5	5	6	6	6	6	7	7	7
28.75°	5	5	5	6	6	6	6	7	7	7	7
27.5°	5	5	5	6	6	6	7	7	7	7	8
26.25°	5	5	6	6	6	6	7	7	7	8	8
25°	5	5	6	6	6	7	7	7	7	8	9
23.75°	5	5	6	6	6	7	7	7	8	9	9
22.5°	5	6	6	6	7	7	7	8	8	9	9
21.25°	5	6	6	6	7	7	7	8	9	9	10
20°	6	6	6	7	7	7	7	8	9	10	10
18.75°	6	6	6	7	7	7	8	8	9	10	10
17.5°	6	6	6	7	7	7	8	9	9	10	11
16.25°	6	6	7	7	7	8	8	9	10	10	11
15°	6	6	7	7	7	8	9	9	10	11	11
13.75°	6	6	7	7	7	8	9	9	10	11	12
12.5°	6	6	7	7	7	8	9	10	10	11	12
11.25°	6	6	7	7	8	8	9	10	11	11	12
10°	6	7	7	7	8	8	9	10	11	11	12
8.75°	6	7	7	7	8	9	9	10	11	12	13
7.5°	6	7	7	7	8	9	10	10	11	12	13
6.25°	6	7	7	7	8	9	10	10	11	12	13
5°	6	7	7	7	8	9	10	10	11	12	14
3.75°	6	7	7	7	8	9	10	11	11	12	14
2.5°	6	7	7	7	8	9	10	11	11	12	14
1.25°	6	7	7	7	8	9	10	11	11	12	14
0°	6	7	7	8	8	9	10	11	11	12	14
-1.25°	6	7	7	7	8	9	10	11	11	12	14
-2.5°	6	7	7	7	8	9	10	11	11	12	14
-3.75°	6	7	7	7	8	9	10	11	11	12	14
-5°	6	7	7	7	8	9	10	10	11	12	14
-6.25°	6	7	7	7	8	9	10	10	11	12	13
-7.5°	6	7	7	7	8	9	10	10	11	12	13
-8.75°	6	7	7	7	8	9	9	10	11	12	13
-10°	6	7	7	7	8	8	9	10	11	11	12
-11.25°	6	6	7	7	8	8	9	10	11	11	12
-12.5°	6	6	7	7	7	8	9	10	10	11	12
-13.75°	6	6	7	7	7	8	9	9	10	11	12
-15°	6	6	7	7	7	8	9	9	10	11	11
-16.25°	6	6	7	7	7	8	8	9	10	10	11
-17.5°	6	6	6	7	7	7	8	9	9	10	11
-18.75°	6	6	6	7	7	7	8	8	9	10	10
-20°	6	6	6	7	7	7	7	8	9	10	10
-21.25°	5	6	6	6	7	7	7	8	9	9	10



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	5	6	6	6	7	7	7	8	8	9	9
-23.75°	5	5	6	6	6	7	7	7	8	9	9
-25°	5	5	6	6	6	7	7	7	7	8	9
-26.25°	5	5	6	6	6	6	7	7	7	8	8
-27.5°	5	5	5	6	6	6	7	7	7	7	8
-28.75°	5	5	5	6	6	6	6	7	7	7	7
-30°	5	5	5	5	6	6	6	6	7	7	7
-31.25°	5	5	5	5	5	6	6	6	7	7	7
-32.5°	5	5	5	5	5	6	6	6	6	7	7
-33.75°	5	5	5	5	5	5	6	6	6	6	7
-35°	5	5	5	5	5	5	5	6	6	6	6
-36.25°	4	5	5	5	5	5	5	5	6	6	6
-37.5°	4	4	5	5	5	5	5	5	6	6	6
-38.75°	4	4	5	5	5	5	5	5	5	6	6
-40°	4	4	4	5	5	5	5	5	5	5	5
-41.25°	4	4	4	4	5	5	5	5	5	5	5
-42.5°	4	4	4	4	4	5	5	5	5	5	5
-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	6
46.25°	5	5	5	5	5	5	5	6	6	6	6
45°	5	5	5	5	5	6	6	6	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	6	7
42.5°	5	5	6	6	6	6	6	6	7	7	7
41.25°	5	6	6	6	6	6	7	7	7	7	7
40°	6	6	6	6	6	7	7	7	7	7	8
38.75°	6	6	6	7	7	7	7	7	7	8	8
37.5°	6	6	7	7	7	7	7	8	8	9	9
36.25°	6	7	7	7	7	7	8	8	9	9	9
35°	7	7	7	7	8	8	9	9	9	10	10



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	7	7	7	8	8	9	9	10	10	10	11
32.5°	7	7	8	8	9	9	10	10	11	11	11
31.25°	7	8	8	9	9	10	10	11	11	11	12
30°	8	8	9	9	10	10	11	11	12	12	13
28.75°	8	9	9	10	10	11	11	12	12	13	14
27.5°	9	9	10	10	11	11	12	12	14	15	16
26.25°	9	10	10	11	11	12	12	14	15	17	21
25°	9	10	11	11	12	12	14	15	17	21	25
23.75°	10	10	11	11	12	13	15	17	21	26	30
22.5°	10	11	11	12	13	14	16	21	25	30	36
21.25°	10	11	12	13	14	15	20	25	30	35	41
20°	11	11	12	14	15	18	23	28	34	40	47
18.75°	11	12	13	14	16	22	27	33	39	45	54
17.5°	11	12	14	15	19	25	30	37	43	52	74
16.25°	12	13	14	17	22	28	34	41	49	67	111
15°	12	13	15	19	25	31	38	45	56	89	160
13.75°	12	14	16	22	28	34	41	50	72	128	222
12.5°	13	15	18	24	30	37	44	57	95	175	283
11.25°	14	15	20	26	33	40	49	69	126	226	341
10°	14	16	22	28	35	43	52	82	162	275	401
8.75°	14	17	23	30	37	45	60	107	201	321	456
7.5°	15	19	25	32	39	48	69	129	236	363	504
6.25°	15	20	26	33	41	50	76	150	268	402	545
5°	15	21	27	34	42	52	85	173	295	434	579
3.75°	16	21	28	35	43	54	97	191	317	459	603
2.5°	16	22	28	36	44	58	105	205	332	478	620
1.25°	16	22	29	36	44	60	110	213	341	489	631
0°	16	22	29	37	45	60	112	215	344	492	634
-1.25°	16	22	29	36	44	60	110	213	341	489	631
-2.5°	16	22	28	36	44	58	105	205	332	478	620
-3.75°	16	21	28	35	43	54	97	191	317	459	603
-5°	15	21	27	34	42	52	85	173	295	434	579
-6.25°	15	20	26	33	41	50	76	150	268	402	545
-7.5°	15	19	25	32	39	48	69	129	236	363	504
-8.75°	14	17	23	30	37	45	60	107	201	321	456
-10°	14	16	22	28	35	43	52	82	162	275	401
-11.25°	14	15	20	26	33	40	49	69	126	226	341
-12.5°	13	15	18	24	30	37	44	57	95	175	283
-13.75°	12	14	16	22	28	34	41	50	72	128	222
-15°	12	13	15	19	25	31	38	45	56	89	160
-16.25°	12	13	14	17	22	28	34	41	49	67	111
-17.5°	11	12	14	15	19	25	30	37	43	52	74
-18.75°	11	12	13	14	16	22	27	33	39	45	54
-20°	11	11	12	14	15	18	23	28	34	40	47
-21.25°	10	11	12	13	14	15	20	25	30	35	41



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	10	11	11	12	13	14	16	21	25	30	36
-23.75°	10	10	11	11	12	13	15	17	21	26	30
-25°	9	10	11	11	12	12	14	15	17	21	25
-26.25°	9	10	10	11	11	12	12	14	15	17	21
-27.5°	9	9	10	10	11	11	12	12	14	15	16
-28.75°	8	9	9	10	10	11	11	12	12	13	14
-30°	8	8	9	9	10	10	11	11	12	12	13
-31.25°	7	8	8	9	9	10	10	11	11	11	12
-32.5°	7	7	8	8	9	9	10	10	11	11	11
-33.75°	7	7	7	8	8	9	9	10	10	10	11
-35°	7	7	7	7	8	8	9	9	9	10	10
-36.25°	6	7	7	7	7	7	8	8	9	9	9
-37.5°	6	6	7	7	7	7	7	8	8	9	9
-38.75°	6	6	6	7	7	7	7	7	7	8	8
-40°	6	6	6	6	6	7	7	7	7	7	8
-41.25°	5	6	6	6	6	6	7	7	7	7	7
-42.5°	5	5	6	6	6	6	6	6	7	7	7
-43.75°	5	5	5	5	6	6	6	6	6	6	7
-45°	5	5	5	5	5	6	6	6	6	6	6
-46.25°	5	5	5	5	5	5	5	6	6	6	6
-47.5°	5	5	5	5	5	5	5	5	5	5	6
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	4	4	5	5	5	5	5	5	5	5	5
-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	6
50°	5	5	5	5	5	6	6	6	6	6	6
48.75°	5	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	7	7
46.25°	6	6	6	6	7	7	7	7	7	7	7
45°	6	7	7	7	7	7	7	7	7	7	7
43.75°	7	7	7	7	7	7	7	7	8	8	8
42.5°	7	7	7	7	8	8	8	8	8	8	9
41.25°	7	7	8	8	8	9	9	9	9	9	9
40°	8	8	8	9	9	9	9	10	10	10	10
38.75°	9	9	9	9	10	10	10	10	11	11	11
37.5°	9	10	10	10	10	11	11	11	11	11	12
36.25°	10	10	10	11	11	11	12	12	12	12	13
35°	10	11	11	11	12	12	12	13	14	14	14



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	11	11	12	12	13	13	14	15	15	16	17
32.5°	12	12	13	14	14	15	16	18	20	22	23
31.25°	13	14	14	15	17	19	22	24	26	28	30
30°	14	15	16	19	22	25	28	30	33	35	37
28.75°	15	18	22	25	28	31	34	37	40	43	45
27.5°	20	23	27	30	34	38	41	44	49	52	60
26.25°	25	28	33	37	41	45	50	57	69	82	107
25°	30	34	39	43	49	56	72	95	126	162	201
23.75°	35	40	45	52	67	89	128	175	226	275	321
22.5°	41	47	54	74	111	160	222	283	341	401	456
21.25°	47	57	79	126	189	259	330	403	472	536	592
20°	57	81	134	207	286	366	449	528	599	658	705
18.75°	79	134	213	299	389	481	569	644	705	751	782
17.5°	126	207	299	397	497	593	674	733	778	810	841
16.25°	189	286	389	497	600	688	751	794	832	869	912
15°	259	366	481	593	688	757	802	845	892	943	995
13.75°	330	449	569	674	751	802	850	904	964	1027	1099
12.5°	403	528	644	733	794	845	904	972	1046	1132	1251
11.25°	472	599	705	778	832	892	964	1046	1148	1285	1442
10°	536	658	751	810	869	943	1027	1132	1285	1464	1664
8.75°	592	705	782	841	912	995	1099	1251	1442	1664	1940
7.5°	637	740	807	870	952	1049	1185	1377	1607	1899	2277
6.25°	675	768	829	901	990	1102	1274	1497	1776	2156	2661
5°	702	784	848	927	1023	1159	1363	1618	1958	2428	3066
3.75°	720	797	863	949	1056	1214	1437	1716	2123	2701	3479
2.5°	733	806	875	966	1080	1254	1492	1811	2270	2923	3797
1.25°	742	812	884	977	1095	1278	1532	1871	2361	3061	4012
0°	744	814	887	980	1099	1286	1546	1891	2391	3108	4088
-1.25°	742	812	884	977	1095	1278	1532	1871	2361	3061	4012
-2.5°	733	806	875	966	1080	1254	1492	1811	2270	2923	3797
-3.75°	720	797	863	949	1056	1214	1437	1716	2123	2701	3479
-5°	702	784	848	927	1023	1159	1363	1618	1958	2428	3066
-6.25°	675	768	829	901	990	1102	1274	1497	1776	2156	2661
-7.5°	637	740	807	870	952	1049	1185	1377	1607	1899	2277
-8.75°	592	705	782	841	912	995	1099	1251	1442	1664	1940
-10°	536	658	751	810	869	943	1027	1132	1285	1464	1664
-11.25°	472	599	705	778	832	892	964	1046	1148	1285	1442
-12.5°	403	528	644	733	794	845	904	972	1046	1132	1251
-13.75°	330	449	569	674	751	802	850	904	964	1027	1099
-15°	259	366	481	593	688	757	802	845	892	943	995
-16.25°	189	286	389	497	600	688	751	794	832	869	912
-17.5°	126	207	299	397	497	593	674	733	778	810	841
-18.75°	79	134	213	299	389	481	569	644	705	751	782
-20°	57	81	134	207	286	366	449	528	599	658	705
-21.25°	47	57	79	126	189	259	330	403	472	536	592



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	41	47	54	74	111	160	222	283	341	401	456
-23.75°	35	40	45	52	67	89	128	175	226	275	321
-25°	30	34	39	43	49	56	72	95	126	162	201
-26.25°	25	28	33	37	41	45	50	57	69	82	107
-27.5°	20	23	27	30	34	38	41	44	49	52	60
-28.75°	15	18	22	25	28	31	34	37	40	43	45
-30°	14	15	16	19	22	25	28	30	33	35	37
-31.25°	13	14	14	15	17	19	22	24	26	28	30
-32.5°	12	12	13	14	14	15	16	18	20	22	23
-33.75°	11	11	12	12	13	13	14	15	15	16	17
-35°	10	11	11	11	12	12	12	13	14	14	14
-36.25°	10	10	10	11	11	11	12	12	12	12	13
-37.5°	9	10	10	10	10	11	11	11	11	11	12
-38.75°	9	9	9	9	10	10	10	10	11	11	11
-40°	8	8	8	9	9	9	9	10	10	10	10
-41.25°	7	7	8	8	8	9	9	9	9	9	9
-42.5°	7	7	7	7	8	8	8	8	8	8	9
-43.75°	7	7	7	7	7	7	7	7	8	8	8
-45°	6	7	7	7	7	7	7	7	7	7	7
-46.25°	6	6	6	6	7	7	7	7	7	7	7
-47.5°	6	6	6	6	6	6	6	6	6	7	7
-48.75°	5	6	6	6	6	6	6	6	6	6	6
-50°	5	5	5	5	5	6	6	6	6	6	6
-51.25°	5	5	5	5	5	5	5	5	5	5	6
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	7	7	7	7	7	7	7	7	7	7	7
46.25°	7	7	7	7	7	7	7	7	7	7	7
45°	7	7	7	7	7	7	8	7	7	7	7
43.75°	8	8	8	8	8	8	8	8	8	8	8
42.5°	9	9	9	9	9	9	9	9	9	9	9
41.25°	10	10	10	10	10	10	10	10	10	10	10
40°	10	10	10	11	11	11	11	11	11	11	10
38.75°	11	11	11	11	11	11	11	11	11	11	11
37.5°	12	12	12	12	12	12	12	12	12	12	12
36.25°	13	13	14	14	14	14	14	14	14	14	14
35°	15	15	15	16	16	16	16	16	16	16	15



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	19	20	21	21	22	22	22	22	22	21	21
32.5°	25	26	27	28	28	29	29	29	28	28	27
31.25°	32	33	34	35	36	36	37	36	36	35	34
30°	39	41	42	43	44	44	45	44	44	43	42
28.75°	48	50	52	54	58	60	60	60	58	54	52
27.5°	69	76	85	97	105	110	112	110	105	97	85
26.25°	129	150	173	191	205	213	215	213	205	191	173
25°	236	268	295	317	332	341	344	341	332	317	295
23.75°	363	402	434	459	478	489	492	489	478	459	434
22.5°	504	545	579	603	620	631	634	631	620	603	579
21.25°	637	675	702	720	733	742	744	742	733	720	702
20°	740	768	784	797	806	812	814	812	806	797	784
18.75°	807	829	848	863	875	884	887	884	875	863	848
17.5°	870	901	927	949	966	977	980	977	966	949	927
16.25°	952	990	1023	1056	1080	1095	1099	1095	1080	1056	1023
15°	1049	1102	1159	1214	1254	1278	1286	1278	1254	1214	1159
13.75°	1185	1274	1363	1437	1492	1532	1546	1532	1492	1437	1363
12.5°	1377	1497	1618	1716	1811	1871	1891	1871	1811	1716	1618
11.25°	1607	1776	1958	2123	2270	2361	2391	2361	2270	2123	1958
10°	1899	2156	2428	2701	2923	3061	3108	3061	2923	2701	2428
8.75°	2277	2661	3066	3479	3797	4012	4088	4012	3797	3479	3066
7.5°	2750	3297	3866	4410	4833	5118	5215	5118	4833	4410	3866
6.25°	3297	4019	4743	5420	5939	6268	6382	6268	5939	5420	4743
5°	3866	4743	5627	6385	6975	7358	7493	7358	6975	6385	5627
3.75°	4410	5420	6385	7228	7884	8315	8444	8315	7884	7228	6385
2.5°	4833	5939	6975	7884	8581	9020	9161	9020	8581	7884	6975
1.25°	5118	6268	7358	8315	9020	9468	9620	9468	9020	8315	7358
0°	5215	6382	7493	8444	9161	9620	9818	9620	9161	8444	7493
-1.25°	5118	6268	7358	8315	9020	9468	9620	9468	9020	8315	7358
-2.5°	4833	5939	6975	7884	8581	9020	9161	9020	8581	7884	6975
-3.75°	4410	5420	6385	7228	7884	8315	8444	8315	7884	7228	6385
-5°	3866	4743	5627	6385	6975	7358	7493	7358	6975	6385	5627
-6.25°	3297	4019	4743	5420	5939	6268	6382	6268	5939	5420	4743
-7.5°	2750	3297	3866	4410	4833	5118	5215	5118	4833	4410	3866
-8.75°	2277	2661	3066	3479	3797	4012	4088	4012	3797	3479	3066
-10°	1899	2156	2428	2701	2923	3061	3108	3061	2923	2701	2428
-11.25°	1607	1776	1958	2123	2270	2361	2391	2361	2270	2123	1958
-12.5°	1377	1497	1618	1716	1811	1871	1891	1871	1811	1716	1618
-13.75°	1185	1274	1363	1437	1492	1532	1546	1532	1492	1437	1363
-15°	1049	1102	1159	1214	1254	1278	1286	1278	1254	1214	1159
-16.25°	952	990	1023	1056	1080	1095	1099	1095	1080	1056	1023
-17.5°	870	901	927	949	966	977	980	977	966	949	927
-18.75°	807	829	848	863	875	884	887	884	875	863	848
-20°	740	768	784	797	806	812	814	812	806	797	784
-21.25°	637	675	702	720	733	742	744	742	733	720	702



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	504	545	579	603	620	631	634	631	620	603	579
-23.75°	363	402	434	459	478	489	492	489	478	459	434
-25°	236	268	295	317	332	341	344	341	332	317	295
-26.25°	129	150	173	191	205	213	215	213	205	191	173
-27.5°	69	76	85	97	105	110	112	110	105	97	85
-28.75°	48	50	52	54	58	60	60	60	58	54	52
-30°	39	41	42	43	44	44	45	44	44	43	42
-31.25°	32	33	34	35	36	36	37	36	36	35	34
-32.5°	25	26	27	28	28	29	29	29	28	28	27
-33.75°	19	20	21	21	22	22	22	22	22	21	21
-35°	15	15	15	16	16	16	16	16	16	16	15
-36.25°	13	13	14	14	14	14	14	14	14	14	14
-37.5°	12	12	12	12	12	12	12	12	12	12	12
-38.75°	11	11	11	11	11	11	11	11	11	11	11
-40°	10	10	10	11	11	11	11	11	11	11	10
-41.25°	10	10	10	10	10	10	10	10	10	10	10
-42.5°	9	9	9	9	9	9	9	9	9	9	9
-43.75°	8	8	8	8	8	8	8	8	8	8	8
-45°	7	7	7	7	7	7	8	7	7	7	7
-46.25°	7	7	7	7	7	7	7	7	7	7	7
-47.5°	7	7	7	7	7	7	7	7	7	7	7
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	6	6	6	5	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	6	5	5	5
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	7	7	7	7	6	6	6	6	6	6	6
46.25°	7	7	7	7	7	7	7	7	7	6	6
45°	7	7	7	7	7	7	7	7	7	7	7
43.75°	8	8	8	8	8	7	7	7	7	7	7
42.5°	9	9	9	8	8	8	8	8	8	7	7
41.25°	10	10	9	9	9	9	9	9	8	8	8
40°	10	10	10	10	10	10	9	9	9	9	8
38.75°	11	11	11	11	11	10	10	10	10	9	9
37.5°	12	12	12	11	11	11	11	11	10	10	10
36.25°	13	13	13	12	12	12	12	11	11	11	10
35°	15	15	14	14	14	13	12	12	12	11	11



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	20	19	17	16	15	15	14	13	13	12	12
32.5°	26	25	23	22	20	18	16	15	14	14	13
31.25°	33	32	30	28	26	24	22	19	17	15	14
30°	41	39	37	35	33	30	28	25	22	19	16
28.75°	50	48	45	43	40	37	34	31	28	25	22
27.5°	76	69	60	52	49	44	41	38	34	30	27
26.25°	150	129	107	82	69	57	50	45	41	37	33
25°	268	236	201	162	126	95	72	56	49	43	39
23.75°	402	363	321	275	226	175	128	89	67	52	45
22.5°	545	504	456	401	341	283	222	160	111	74	54
21.25°	675	637	592	536	472	403	330	259	189	126	79
20°	768	740	705	658	599	528	449	366	286	207	134
18.75°	829	807	782	751	705	644	569	481	389	299	213
17.5°	901	870	841	810	778	733	674	593	497	397	299
16.25°	990	952	912	869	832	794	751	688	600	497	389
15°	1102	1049	995	943	892	845	802	757	688	593	481
13.75°	1274	1185	1099	1027	964	904	850	802	751	674	569
12.5°	1497	1377	1251	1132	1046	972	904	845	794	733	644
11.25°	1776	1607	1442	1285	1148	1046	964	892	832	778	705
10°	2156	1899	1664	1464	1285	1132	1027	943	869	810	751
8.75°	2661	2277	1940	1664	1442	1251	1099	995	912	841	782
7.5°	3297	2750	2277	1899	1607	1377	1185	1049	952	870	807
6.25°	4019	3297	2661	2156	1776	1497	1274	1102	990	901	829
5°	4743	3866	3066	2428	1958	1618	1363	1159	1023	927	848
3.75°	5420	4410	3479	2701	2123	1716	1437	1214	1056	949	863
2.5°	5939	4833	3797	2923	2270	1811	1492	1254	1080	966	875
1.25°	6268	5118	4012	3061	2361	1871	1532	1278	1095	977	884
0°	6382	5215	4088	3108	2391	1891	1546	1286	1099	980	887
-1.25°	6268	5118	4012	3061	2361	1871	1532	1278	1095	977	884
-2.5°	5939	4833	3797	2923	2270	1811	1492	1254	1080	966	875
-3.75°	5420	4410	3479	2701	2123	1716	1437	1214	1056	949	863
-5°	4743	3866	3066	2428	1958	1618	1363	1159	1023	927	848
-6.25°	4019	3297	2661	2156	1776	1497	1274	1102	990	901	829
-7.5°	3297	2750	2277	1899	1607	1377	1185	1049	952	870	807
-8.75°	2661	2277	1940	1664	1442	1251	1099	995	912	841	782
-10°	2156	1899	1664	1464	1285	1132	1027	943	869	810	751
-11.25°	1776	1607	1442	1285	1148	1046	964	892	832	778	705
-12.5°	1497	1377	1251	1132	1046	972	904	845	794	733	644
-13.75°	1274	1185	1099	1027	964	904	850	802	751	674	569
-15°	1102	1049	995	943	892	845	802	757	688	593	481
-16.25°	990	952	912	869	832	794	751	688	600	497	389
-17.5°	901	870	841	810	778	733	674	593	497	397	299
-18.75°	829	807	782	751	705	644	569	481	389	299	213
-20°	768	740	705	658	599	528	449	366	286	207	134
-21.25°	675	637	592	536	472	403	330	259	189	126	79



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	545	504	456	401	341	283	222	160	111	74	54
-23.75°	402	363	321	275	226	175	128	89	67	52	45
-25°	268	236	201	162	126	95	72	56	49	43	39
-26.25°	150	129	107	82	69	57	50	45	41	37	33
-27.5°	76	69	60	52	49	44	41	38	34	30	27
-28.75°	50	48	45	43	40	37	34	31	28	25	22
-30°	41	39	37	35	33	30	28	25	22	19	16
-31.25°	33	32	30	28	26	24	22	19	17	15	14
-32.5°	26	25	23	22	20	18	16	15	14	14	13
-33.75°	20	19	17	16	15	15	14	13	13	12	12
-35°	15	15	14	14	14	13	12	12	12	11	11
-36.25°	13	13	13	12	12	12	12	11	11	11	10
-37.5°	12	12	12	11	11	11	11	11	10	10	10
-38.75°	11	11	11	11	11	10	10	10	10	9	9
-40°	10	10	10	10	10	10	9	9	9	9	8
-41.25°	10	10	9	9	9	9	9	9	8	8	8
-42.5°	9	9	9	8	8	8	8	8	8	7	7
-43.75°	8	8	8	8	8	7	7	7	7	7	7
-45°	7	7	7	7	7	7	7	7	7	7	7
-46.25°	7	7	7	7	7	7	7	7	7	6	6
-47.5°	7	7	7	7	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	5	5	5
-51.25°	6	6	6	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	5	5	5	5	5	5	5	5	5	4	4
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	6	5	5	5	5	5	5	5	5	5	5
47.5°	6	6	6	5	5	5	5	5	5	5	5
46.25°	6	6	6	6	6	6	5	5	5	5	5
45°	7	6	6	6	6	6	6	6	5	5	5
43.75°	7	7	7	6	6	6	6	6	6	5	5
42.5°	7	7	7	7	7	6	6	6	6	6	6
41.25°	7	7	7	7	7	7	7	6	6	6	6
40°	8	8	8	7	7	7	7	7	6	6	6
38.75°	9	9	8	8	7	7	7	7	7	7	6
37.5°	10	9	9	9	8	8	7	7	7	7	7
36.25°	10	10	9	9	9	8	8	7	7	7	7
35°	11	10	10	10	9	9	9	8	8	7	7



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	11	11	11	10	10	10	9	9	8	8	7
32.5°	12	12	11	11	11	10	10	9	9	8	8
31.25°	14	13	12	11	11	11	10	10	9	9	8
30°	15	14	13	12	12	11	11	10	10	9	9
28.75°	18	15	14	13	12	12	11	11	10	10	9
27.5°	23	20	16	15	14	12	12	11	11	10	10
26.25°	28	25	21	17	15	14	12	12	11	11	10
25°	34	30	25	21	17	15	14	12	12	11	11
23.75°	40	35	30	26	21	17	15	13	12	11	11
22.5°	47	41	36	30	25	21	16	14	13	12	11
21.25°	57	47	41	35	30	25	20	15	14	13	12
20°	81	57	47	40	34	28	23	18	15	14	12
18.75°	134	79	54	45	39	33	27	22	16	14	13
17.5°	207	126	74	52	43	37	30	25	19	15	14
16.25°	286	189	111	67	49	41	34	28	22	17	14
15°	366	259	160	89	56	45	38	31	25	19	15
13.75°	449	330	222	128	72	50	41	34	28	22	16
12.5°	528	403	283	175	95	57	44	37	30	24	18
11.25°	599	472	341	226	126	69	49	40	33	26	20
10°	658	536	401	275	162	82	52	43	35	28	22
8.75°	705	592	456	321	201	107	60	45	37	30	23
7.5°	740	637	504	363	236	129	69	48	39	32	25
6.25°	768	675	545	402	268	150	76	50	41	33	26
5°	784	702	579	434	295	173	85	52	42	34	27
3.75°	797	720	603	459	317	191	97	54	43	35	28
2.5°	806	733	620	478	332	205	105	58	44	36	28
1.25°	812	742	631	489	341	213	110	60	44	36	29
0°	814	744	634	492	344	215	112	60	45	37	29
-1.25°	812	742	631	489	341	213	110	60	44	36	29
-2.5°	806	733	620	478	332	205	105	58	44	36	28
-3.75°	797	720	603	459	317	191	97	54	43	35	28
-5°	784	702	579	434	295	173	85	52	42	34	27
-6.25°	768	675	545	402	268	150	76	50	41	33	26
-7.5°	740	637	504	363	236	129	69	48	39	32	25
-8.75°	705	592	456	321	201	107	60	45	37	30	23
-10°	658	536	401	275	162	82	52	43	35	28	22
-11.25°	599	472	341	226	126	69	49	40	33	26	20
-12.5°	528	403	283	175	95	57	44	37	30	24	18
-13.75°	449	330	222	128	72	50	41	34	28	22	16
-15°	366	259	160	89	56	45	38	31	25	19	15
-16.25°	286	189	111	67	49	41	34	28	22	17	14
-17.5°	207	126	74	52	43	37	30	25	19	15	14
-18.75°	134	79	54	45	39	33	27	22	16	14	13
-20°	81	57	47	40	34	28	23	18	15	14	12
-21.25°	57	47	41	35	30	25	20	15	14	13	12



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	47	41	36	30	25	21	16	14	13	12	11
-23.75°	40	35	30	26	21	17	15	13	12	11	11
-25°	34	30	25	21	17	15	14	12	12	11	11
-26.25°	28	25	21	17	15	14	12	12	11	11	10
-27.5°	23	20	16	15	14	12	12	11	11	10	10
-28.75°	18	15	14	13	12	12	11	11	10	10	9
-30°	15	14	13	12	12	11	11	10	10	9	9
-31.25°	14	13	12	11	11	11	10	10	9	9	8
-32.5°	12	12	11	11	11	10	10	9	9	8	8
-33.75°	11	11	11	10	10	10	9	9	8	8	7
-35°	11	10	10	10	9	9	9	8	8	7	7
-36.25°	10	10	9	9	9	8	8	7	7	7	7
-37.5°	10	9	9	9	8	8	7	7	7	7	7
-38.75°	9	9	8	8	7	7	7	7	7	7	6
-40°	8	8	8	7	7	7	7	7	6	6	6
-41.25°	7	7	7	7	7	7	7	6	6	6	6
-42.5°	7	7	7	7	7	6	6	6	6	6	6
-43.75°	7	7	7	6	6	6	6	6	6	5	5
-45°	7	6	6	6	6	6	6	6	5	5	5
-46.25°	6	6	6	6	6	6	5	5	5	5	5
-47.5°	6	6	6	5	5	5	5	5	5	5	5
-48.75°	6	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	5	5	5	5	5	5	4	4	4	4	4
43.75°	5	5	5	5	5	5	5	4	4	4	4
42.5°	5	5	5	5	5	5	5	5	4	4	4
41.25°	6	5	5	5	5	5	5	5	5	4	4
40°	6	6	5	5	5	5	5	5	5	5	4
38.75°	6	6	6	6	5	5	5	5	5	5	5
37.5°	6	6	6	6	6	5	5	5	5	5	5
36.25°	7	6	6	6	6	5	5	5	5	5	5
35°	7	7	6	6	6	6	5	5	5	5	5



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	7	7	7	6	6	6	6	5	5	5	5
32.5°	7	7	7	7	6	6	6	6	5	5	5
31.25°	8	7	7	7	7	6	6	6	5	5	5
30°	8	8	7	7	7	6	6	6	6	5	5
28.75°	9	8	7	7	7	7	6	6	6	6	5
27.5°	9	9	8	7	7	7	7	6	6	6	5
26.25°	10	9	8	8	7	7	7	6	6	6	6
25°	10	9	9	8	7	7	7	7	6	6	6
23.75°	10	10	9	9	8	7	7	7	6	6	6
22.5°	11	10	9	9	8	8	7	7	7	6	6
21.25°	11	10	10	9	9	8	7	7	7	6	6
20°	11	11	10	10	9	8	7	7	7	7	6
18.75°	12	11	10	10	9	8	8	7	7	7	6
17.5°	12	11	11	10	9	9	8	7	7	7	6
16.25°	13	12	11	10	10	9	8	8	7	7	7
15°	13	12	11	11	10	9	9	8	7	7	7
13.75°	14	12	12	11	10	9	9	8	7	7	7
12.5°	15	13	12	11	10	10	9	8	7	7	7
11.25°	15	14	12	11	11	10	9	8	8	7	7
10°	16	14	12	11	11	10	9	8	8	7	7
8.75°	17	14	13	12	11	10	9	9	8	7	7
7.5°	19	15	13	12	11	10	10	9	8	7	7
6.25°	20	15	13	12	11	10	10	9	8	7	7
5°	21	15	14	12	11	10	10	9	8	7	7
3.75°	21	16	14	12	11	11	10	9	8	7	7
2.5°	22	16	14	12	11	11	10	9	8	7	7
1.25°	22	16	14	12	11	11	10	9	8	7	7
0°	22	16	14	12	11	11	10	9	8	8	7
-1.25°	22	16	14	12	11	11	10	9	8	7	7
-2.5°	22	16	14	12	11	11	10	9	8	7	7
-3.75°	21	16	14	12	11	11	10	9	8	7	7
-5°	21	15	14	12	11	10	10	9	8	7	7
-6.25°	20	15	13	12	11	10	10	9	8	7	7
-7.5°	19	15	13	12	11	10	10	9	8	7	7
-8.75°	17	14	13	12	11	10	9	9	8	7	7
-10°	16	14	12	11	11	10	9	8	8	7	7
-11.25°	15	14	12	11	11	10	9	8	8	7	7
-12.5°	15	13	12	11	10	10	9	8	7	7	7
-13.75°	14	12	12	11	10	9	9	8	7	7	7
-15°	13	12	11	11	10	9	9	8	7	7	7
-16.25°	13	12	11	10	10	9	8	8	7	7	7
-17.5°	12	11	11	10	9	9	8	7	7	7	6
-18.75°	12	11	10	10	9	8	8	7	7	7	6
-20°	11	11	10	10	9	8	7	7	7	7	6
-21.25°	11	10	10	9	9	8	7	7	7	6	6



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	11	10	9	9	8	8	7	7	7	6	6
-23.75°	10	10	9	9	8	7	7	7	6	6	6
-25°	10	9	9	8	7	7	7	7	6	6	6
-26.25°	10	9	8	8	7	7	7	6	6	6	6
-27.5°	9	9	8	7	7	7	7	6	6	6	5
-28.75°	9	8	7	7	7	7	6	6	6	6	5
-30°	8	8	7	7	7	6	6	6	6	5	5
-31.25°	8	7	7	7	7	6	6	6	5	5	5
-32.5°	7	7	7	7	6	6	6	6	5	5	5
-33.75°	7	7	7	6	6	6	6	5	5	5	5
-35°	7	7	6	6	6	6	5	5	5	5	5
-36.25°	7	6	6	6	6	5	5	5	5	5	5
-37.5°	6	6	6	6	6	5	5	5	5	5	5
-38.75°	6	6	6	6	5	5	5	5	5	5	5
-40°	6	6	5	5	5	5	5	5	5	5	4
-41.25°	6	5	5	5	5	5	5	5	5	4	4
-42.5°	5	5	5	5	5	5	5	5	4	4	4
-43.75°	5	5	5	5	5	5	5	4	4	4	4
-45°	5	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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	5	5	5	5	4	4	4	3	3	3	2
28.75°	5	5	5	5	4	4	4	4	3	3	3
27.5°	5	5	5	5	5	4	4	4	3	3	3
26.25°	5	5	5	5	5	4	4	4	3	3	3
25°	5	5	5	5	5	4	4	4	4	3	3
23.75°	5	5	5	5	5	5	4	4	4	3	3
22.5°	6	5	5	5	5	5	4	4	4	3	3
21.25°	6	5	5	5	5	5	4	4	4	3	3
20°	6	6	5	5	5	5	5	4	4	4	3
18.75°	6	6	5	5	5	5	5	4	4	4	3
17.5°	6	6	5	5	5	5	5	4	4	4	3
16.25°	6	6	5	5	5	5	5	4	4	4	3
15°	6	6	6	5	5	5	5	4	4	4	3
13.75°	6	6	6	5	5	5	5	5	4	4	3
12.5°	6	6	6	5	5	5	5	5	4	4	4
11.25°	6	6	6	5	5	5	5	5	4	4	4
10°	7	6	6	5	5	5	5	5	4	4	4
8.75°	7	6	6	6	5	5	5	5	4	4	4
7.5°	7	6	6	6	5	5	5	5	4	4	4
6.25°	7	6	6	6	5	5	5	5	4	4	4
5°	7	6	6	6	5	5	5	5	4	4	4
3.75°	7	6	6	6	5	5	5	5	4	4	4
2.5°	7	6	6	6	5	5	5	5	4	4	4
1.25°	7	6	6	6	5	5	5	5	4	4	4
0°	7	6	6	6	5	5	5	5	4	4	4
-1.25°	7	6	6	6	5	5	5	5	4	4	4
-2.5°	7	6	6	6	5	5	5	5	4	4	4
-3.75°	7	6	6	6	5	5	5	5	4	4	4
-5°	7	6	6	6	5	5	5	5	4	4	4
-6.25°	7	6	6	6	5	5	5	5	4	4	4
-7.5°	7	6	6	6	5	5	5	5	4	4	4
-8.75°	7	6	6	6	5	5	5	5	4	4	4
-10°	7	6	6	5	5	5	5	5	4	4	4
-11.25°	6	6	6	5	5	5	5	5	4	4	4
-12.5°	6	6	6	5	5	5	5	5	4	4	4
-13.75°	6	6	6	5	5	5	5	5	4	4	3
-15°	6	6	6	5	5	5	5	4	4	4	3
-16.25°	6	6	5	5	5	5	5	4	4	4	3
-17.5°	6	6	5	5	5	5	5	4	4	4	3
-18.75°	6	6	5	5	5	5	5	4	4	4	3
-20°	6	6	5	5	5	5	5	4	4	4	3
-21.25°	6	5	5	5	5	5	4	4	4	3	3



REPORT NUMBER: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	6	5	5	5	5	5	4	4	4	3	3
-23.75°	5	5	5	5	5	5	4	4	4	3	3
-25°	5	5	5	5	5	4	4	4	4	3	3
-26.25°	5	5	5	5	5	4	4	4	3	3	3
-27.5°	5	5	5	5	5	4	4	4	3	3	3
-28.75°	5	5	5	5	4	4	4	4	3	3	3
-30°	5	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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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: P220510 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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)