

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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

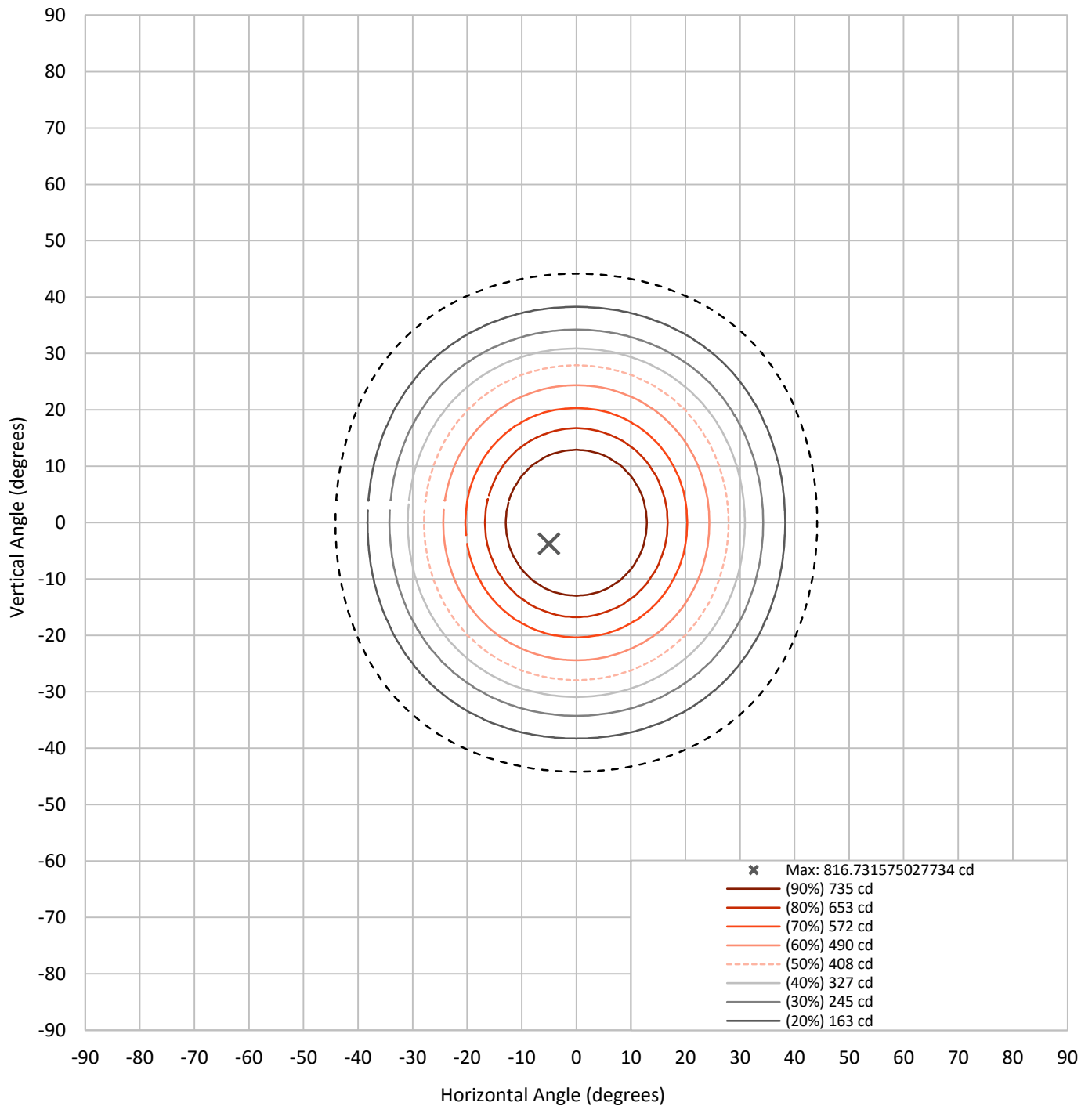
Test Method: LM-79-08
Report Number: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29416)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	684.5 lumens	Max Intensity:	816.7 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	68.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.4°H x 55.1°V	Field Angle (10%):	88.1°H x 87.9°V
Beam Lumens:	439.7 lumens	Field Lumens:	659.8 lumens
Beam Efficiency:	64.2%	Field Efficiency:	96.4%
Input Watts (W):	10		
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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

Iso-Candela Plot





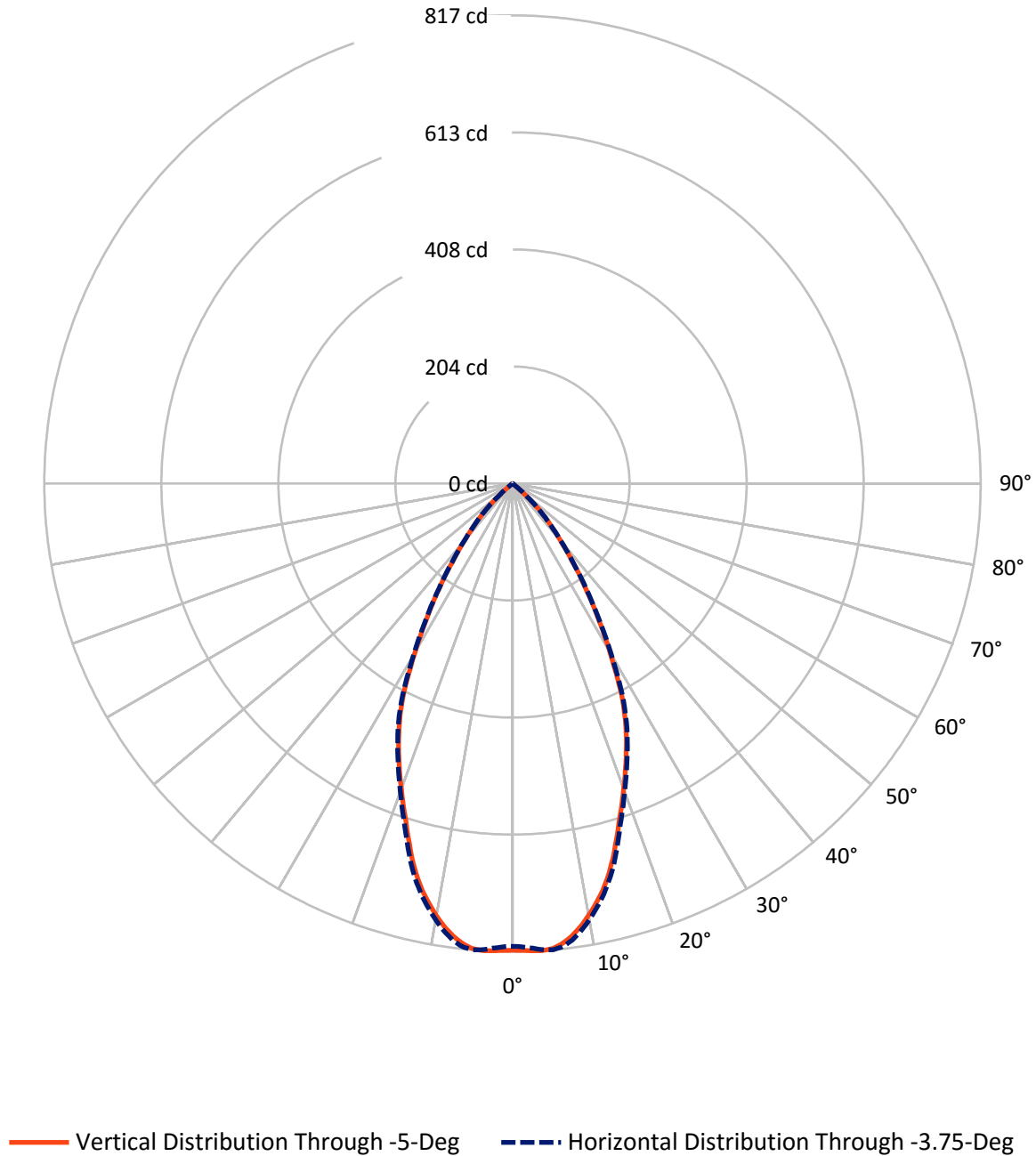
REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

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				
50	0.0	0.0	0.0	0.1	0.6	1.5	2.1	2.1	1.5	0.6	0.1	0.0	0.0	0.0	0.0				
40	0.0	0.0	0.1	1.0	3.0	5.2	6.8	6.8	5.2	3.0	1.0	0.1	0.0	0.0	0.0				
30	0.0	0.0	0.5	2.7	6.5	11.1	13.9	13.9	11.1	6.5	2.7	0.5	0.0	0.0	0.0				
20	0.0	0.0	1.1	4.5	10.4	16.3	20.2	20.2	16.3	10.4	4.5	1.1	0.0	0.0	0.0				
10	0.0	0.0	1.5	5.6	12.7	19.6	24.1	24.1	19.6	12.7	5.6	1.5	0.0	0.0	0.0				
0	0.0	0.0	1.5	5.6	12.7	19.6	24.1	24.1	19.6	12.7	5.6	1.5	0.0	0.0	0.0				
-10	0.0	0.0	1.5	5.6	12.7	19.6	24.1	24.1	19.6	12.7	5.6	1.5	0.0	0.0	0.0				
-20	0.0	0.0	1.1	4.5	10.4	16.3	20.2	20.2	16.3	10.4	4.5	1.1	0.0	0.0	0.0				
-30	0.0	0.0	0.5	2.7	6.5	11.1	13.9	13.9	11.1	6.5	2.7	0.5	0.0	0.0	0.0				
-40	0.0	0.0	0.1	1.0	3.0	5.2	6.8	6.8	5.2	3.0	1.0	0.1	0.0	0.0	0.0				
-50	0.0	0.0	0.0	0.1	0.6	1.5	2.1	2.1	1.5	0.6	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
-80	0.0																		
-90	0.0																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

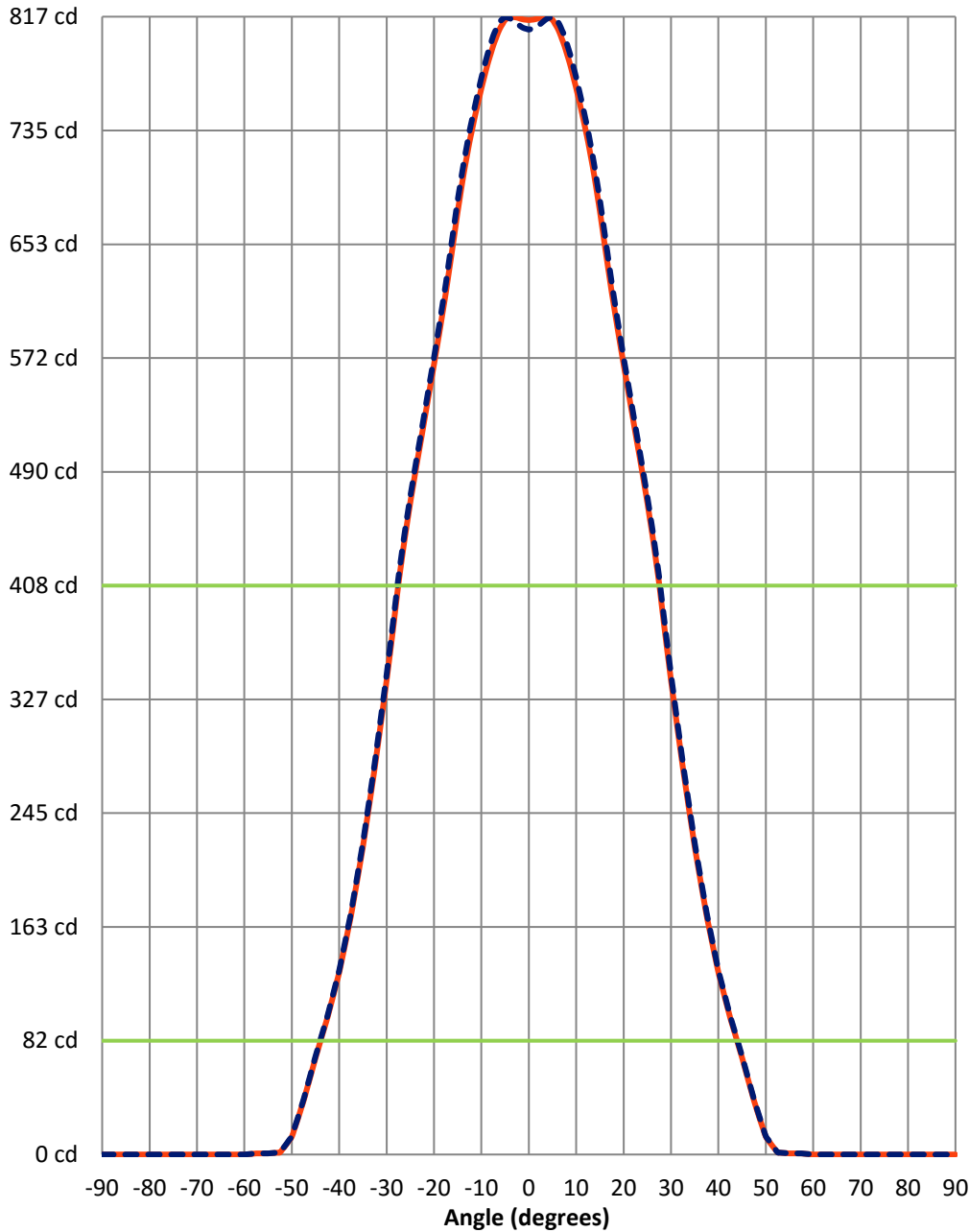
REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 55.4°
 V Angle: 55.1°
 Lumens: 439.7
 Efficiency: 64.2%

Field:
 H Angle: 88.1°
 V Angle: 87.9°
 Lumens: 659.8
 Efficiency: 96.4%

Spill:
 Lumens: 24.8
 Efficiency: 3.6%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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	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	1



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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	1	1	1
28.75°	0	0	0	0	0	0	0	0	1	1	1
27.5°	0	0	0	0	0	0	0	1	1	1	1
26.25°	0	0	0	0	0	0	0	1	1	1	1
25°	0	0	0	0	0	0	0	1	1	1	1
23.75°	0	0	0	0	0	0	1	1	1	1	1
22.5°	0	0	0	0	0	0	1	1	1	1	1
21.25°	0	0	0	0	0	0	1	1	1	1	1
20°	0	0	0	0	0	0	1	1	1	1	1
18.75°	0	0	0	0	0	1	1	1	1	1	1
17.5°	0	0	0	0	0	1	1	1	1	1	3
16.25°	0	0	0	0	0	1	1	1	1	1	4
15°	0	0	0	0	0	1	1	1	1	1	6
13.75°	0	0	0	0	0	1	1	1	1	1	7
12.5°	0	0	0	0	1	1	1	1	1	2	8
11.25°	0	0	0	0	1	1	1	1	1	3	9
10°	0	0	0	0	1	1	1	1	1	4	10
8.75°	0	0	0	0	1	1	1	1	1	5	11
7.5°	0	0	0	0	1	1	1	1	1	6	12
6.25°	0	0	0	0	1	1	1	1	1	6	12
5°	0	0	0	0	1	1	1	1	1	7	13
3.75°	0	0	0	0	1	1	1	1	1	7	13
2.5°	0	0	0	0	1	1	1	1	1	7	13
1.25°	0	0	0	0	1	1	1	1	1	7	14
0°	0	0	0	0	1	1	1	1	2	8	14
-1.25°	0	0	0	0	1	1	1	1	1	7	14
-2.5°	0	0	0	0	1	1	1	1	1	7	13
-3.75°	0	0	0	0	1	1	1	1	1	7	13
-5°	0	0	0	0	1	1	1	1	1	7	13
-6.25°	0	0	0	0	1	1	1	1	1	6	12
-7.5°	0	0	0	0	1	1	1	1	1	6	12
-8.75°	0	0	0	0	1	1	1	1	1	5	11
-10°	0	0	0	0	1	1	1	1	1	4	10
-11.25°	0	0	0	0	1	1	1	1	1	3	9
-12.5°	0	0	0	0	1	1	1	1	1	2	8
-13.75°	0	0	0	0	0	1	1	1	1	1	7
-15°	0	0	0	0	0	1	1	1	1	1	6
-16.25°	0	0	0	0	0	1	1	1	1	1	4
-17.5°	0	0	0	0	0	1	1	1	1	1	3
-18.75°	0	0	0	0	0	1	1	1	1	1	1
-20°	0	0	0	0	0	0	1	1	1	1	1
-21.25°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	0	0	0	0	0	0	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	0	1	1	1	1
-26.25°	0	0	0	0	0	0	0	1	1	1	1
-27.5°	0	0	0	0	0	0	0	1	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	1	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	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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	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	1	1	1
46.25°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	1	1	1	1	1	1	1
41.25°	0	0	0	1	1	1	1	1	1	1	1
40°	0	0	1	1	1	1	1	1	1	1	5
38.75°	0	1	1	1	1	1	1	1	1	5	9
37.5°	0	1	1	1	1	1	1	1	5	9	13
36.25°	1	1	1	1	1	1	1	5	9	13	20
35°	1	1	1	1	1	1	4	8	12	19	28



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	1	1	1	1	1	3	7	11	18	28	37
32.5°	1	1	1	1	2	6	10	16	26	35	45
31.25°	1	1	1	1	5	9	14	24	33	43	54
30°	1	1	1	3	7	12	20	31	41	52	63
28.75°	1	1	1	5	10	17	27	38	49	60	72
27.5°	1	1	3	8	13	23	34	45	57	69	80
26.25°	1	1	6	11	18	29	40	52	64	76	87
25°	1	3	8	13	23	35	47	59	72	83	95
23.75°	1	5	10	17	29	40	53	66	78	90	102
22.5°	2	7	12	22	34	46	60	73	85	97	110
21.25°	4	9	15	27	39	52	66	78	91	103	117
20°	5	11	19	32	44	58	71	84	96	110	124
18.75°	7	12	23	36	49	63	77	89	102	117	131
17.5°	9	15	27	40	54	68	81	94	108	123	139
16.25°	10	18	31	44	58	73	86	99	114	129	147
15°	11	22	34	48	63	77	90	104	119	135	154
13.75°	13	25	38	52	67	80	94	108	124	141	161
12.5°	14	27	41	55	70	84	98	113	129	147	167
11.25°	17	30	43	58	73	87	101	117	133	153	173
10°	19	32	46	61	76	90	104	120	137	158	178
8.75°	21	34	49	64	78	92	107	124	141	162	184
7.5°	23	36	51	66	80	95	110	126	145	166	188
6.25°	24	38	52	68	82	96	112	129	148	169	192
5°	25	39	54	69	84	98	114	131	151	172	196
3.75°	26	40	55	70	85	99	116	132	153	174	198
2.5°	27	40	56	71	86	100	117	133	154	175	200
1.25°	27	41	56	72	86	101	117	134	155	176	201
0°	27	41	56	72	86	101	117	134	155	177	202
-1.25°	27	41	56	72	86	101	117	134	155	176	201
-2.5°	27	40	56	71	86	100	117	133	154	175	200
-3.75°	26	40	55	70	85	99	116	132	153	174	198
-5°	25	39	54	69	84	98	114	131	151	172	196
-6.25°	24	38	52	68	82	96	112	129	148	169	192
-7.5°	23	36	51	66	80	95	110	126	145	166	188
-8.75°	21	34	49	64	78	92	107	124	141	162	184
-10°	19	32	46	61	76	90	104	120	137	158	178
-11.25°	17	30	43	58	73	87	101	117	133	153	173
-12.5°	14	27	41	55	70	84	98	113	129	147	167
-13.75°	13	25	38	52	67	80	94	108	124	141	161
-15°	11	22	34	48	63	77	90	104	119	135	154
-16.25°	10	18	31	44	58	73	86	99	114	129	147
-17.5°	9	15	27	40	54	68	81	94	108	123	139
-18.75°	7	12	23	36	49	63	77	89	102	117	131
-20°	5	11	19	32	44	58	71	84	96	110	124
-21.25°	4	9	15	27	39	52	66	78	91	103	117



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	2	7	12	22	34	46	60	73	85	97	110
-23.75°	1	5	10	17	29	40	53	66	78	90	102
-25°	1	3	8	13	23	35	47	59	72	83	95
-26.25°	1	1	6	11	18	29	40	52	64	76	87
-27.5°	1	1	3	8	13	23	34	45	57	69	80
-28.75°	1	1	1	5	10	17	27	38	49	60	72
-30°	1	1	1	3	7	12	20	31	41	52	63
-31.25°	1	1	1	1	5	9	14	24	33	43	54
-32.5°	1	1	1	1	2	6	10	16	26	35	45
-33.75°	1	1	1	1	1	3	7	11	18	28	37
-35°	1	1	1	1	1	1	4	8	12	19	28
-36.25°	1	1	1	1	1	1	1	5	9	13	20
-37.5°	0	1	1	1	1	1	1	1	5	9	13
-38.75°	0	1	1	1	1	1	1	1	1	5	9
-40°	0	0	1	1	1	1	1	1	1	1	5
-41.25°	0	0	0	1	1	1	1	1	1	1	1
-42.5°	0	0	0	0	1	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	0	1	1	1	1	1
-46.25°	0	0	0	0	0	0	0	1	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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	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	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	1	1	1	1	1	1	1
51.25°	0	0	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	2
47.5°	1	1	1	1	1	1	1	1	3	5	7
46.25°	1	1	1	1	1	1	3	6	8	10	12
45°	1	1	1	1	3	5	8	11	13	17	22
43.75°	1	1	2	5	7	10	13	18	23	29	34
42.5°	1	3	6	9	12	17	23	29	35	40	46
41.25°	4	7	10	14	20	27	34	40	47	53	60
40°	8	11	16	24	31	38	45	52	59	66	73
38.75°	12	18	26	33	41	49	57	64	72	78	85
37.5°	19	28	35	43	52	60	69	76	83	90	97
36.25°	28	37	45	54	63	72	80	87	95	102	110
35°	37	46	56	65	74	82	90	98	107	115	123



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	46	56	66	75	84	93	101	110	119	128	137
32.5°	56	66	76	85	94	103	113	123	132	143	154
31.25°	65	75	85	94	104	115	125	135	147	159	171
30°	74	84	94	104	115	126	137	150	163	175	189
28.75°	82	93	103	115	126	138	152	165	179	194	209
27.5°	90	101	113	125	137	152	166	181	197	213	228
26.25°	98	110	123	135	150	165	181	198	215	231	250
25°	107	119	132	147	163	179	197	215	232	252	271
23.75°	115	128	143	159	175	194	213	231	252	272	292
22.5°	123	137	154	171	189	209	228	250	271	292	314
21.25°	131	148	165	183	203	223	245	267	289	313	335
20°	140	158	175	196	216	238	261	284	309	333	357
18.75°	149	167	187	208	229	253	277	302	327	352	379
17.5°	157	176	198	220	243	268	293	319	345	372	401
16.25°	166	186	208	231	256	281	308	335	363	392	420
15°	173	195	218	243	269	295	323	351	381	411	437
13.75°	181	204	227	254	280	308	337	367	398	427	452
12.5°	189	212	237	264	291	321	350	381	413	441	466
11.25°	196	220	246	273	302	332	363	396	426	453	477
10°	202	227	254	282	312	342	374	408	438	464	488
8.75°	208	233	261	290	321	352	385	419	447	473	497
7.5°	213	239	268	297	328	360	395	427	456	481	505
6.25°	217	245	273	303	335	368	403	435	463	488	512
5°	221	249	278	309	340	374	410	441	468	493	518
3.75°	224	252	281	313	344	379	414	445	472	498	522
2.5°	226	254	284	315	347	382	418	448	475	501	526
1.25°	227	256	285	317	349	385	420	450	477	503	528
0°	227	256	286	318	350	385	420	451	478	503	528
-1.25°	227	256	285	317	349	385	420	450	477	503	528
-2.5°	226	254	284	315	347	382	418	448	475	501	526
-3.75°	224	252	281	313	344	379	414	445	472	498	522
-5°	221	249	278	309	340	374	410	441	468	493	518
-6.25°	217	245	273	303	335	368	403	435	463	488	512
-7.5°	213	239	268	297	328	360	395	427	456	481	505
-8.75°	208	233	261	290	321	352	385	419	447	473	497
-10°	202	227	254	282	312	342	374	408	438	464	488
-11.25°	196	220	246	273	302	332	363	396	426	453	477
-12.5°	189	212	237	264	291	321	350	381	413	441	466
-13.75°	181	204	227	254	280	308	337	367	398	427	452
-15°	173	195	218	243	269	295	323	351	381	411	437
-16.25°	166	186	208	231	256	281	308	335	363	392	420
-17.5°	157	176	198	220	243	268	293	319	345	372	401
-18.75°	149	167	187	208	229	253	277	302	327	352	379
-20°	140	158	175	196	216	238	261	284	309	333	357
-21.25°	131	148	165	183	203	223	245	267	289	313	335



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	123	137	154	171	189	209	228	250	271	292	314
-23.75°	115	128	143	159	175	194	213	231	252	272	292
-25°	107	119	132	147	163	179	197	215	232	252	271
-26.25°	98	110	123	135	150	165	181	198	215	231	250
-27.5°	90	101	113	125	137	152	166	181	197	213	228
-28.75°	82	93	103	115	126	138	152	165	179	194	209
-30°	74	84	94	104	115	126	137	150	163	175	189
-31.25°	65	75	85	94	104	115	125	135	147	159	171
-32.5°	56	66	76	85	94	103	113	123	132	143	154
-33.75°	46	56	66	75	84	93	101	110	119	128	137
-35°	37	46	56	65	74	82	90	98	107	115	123
-36.25°	28	37	45	54	63	72	80	87	95	102	110
-37.5°	19	28	35	43	52	60	69	76	83	90	97
-38.75°	12	18	26	33	41	49	57	64	72	78	85
-40°	8	11	16	24	31	38	45	52	59	66	73
-41.25°	4	7	10	14	20	27	34	40	47	53	60
-42.5°	1	3	6	9	12	17	23	29	35	40	46
-43.75°	1	1	2	5	7	10	13	18	23	29	34
-45°	1	1	1	1	3	5	8	11	13	17	22
-46.25°	1	1	1	1	1	1	3	6	8	10	12
-47.5°	1	1	1	1	1	1	1	1	3	5	7
-48.75°	1	1	1	1	1	1	1	1	1	1	2
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	0	0	1	1	1	1	1	1	1	1	1
-52.5°	0	0	0	0	1	1	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	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	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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	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	1	1	1	1
56.25°	0	0	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	2	3	4	5
50°	1	1	1	3	4	6	7	8	9	10	11
48.75°	4	5	7	9	10	11	13	14	17	19	21
47.5°	9	11	12	15	18	22	25	27	30	32	34
46.25°	15	19	23	27	31	34	38	41	43	46	49
45°	27	32	36	40	44	48	52	55	58	61	64
43.75°	39	44	49	54	58	63	67	70	73	76	78
42.5°	52	58	63	68	73	77	80	84	87	90	92
41.25°	66	71	77	81	86	90	94	98	101	104	107
40°	78	84	89	94	99	104	108	113	117	120	124
38.75°	91	96	102	108	114	119	124	129	133	137	141
37.5°	103	110	117	123	129	135	141	147	153	158	162
36.25°	117	124	131	139	147	154	161	167	173	178	184
35°	131	140	149	157	166	173	181	189	196	202	208



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	148	158	167	176	186	195	204	212	220	227	233
32.5°	165	175	187	198	208	218	227	237	246	254	261
31.25°	183	196	208	220	231	243	254	264	273	282	290
30°	203	216	229	243	256	269	280	291	302	312	321
28.75°	223	238	253	268	281	295	308	321	332	342	352
27.5°	245	261	277	293	308	323	337	350	363	374	385
26.25°	267	284	302	319	335	351	367	381	396	408	419
25°	289	309	327	345	363	381	398	413	426	438	447
23.75°	313	333	352	372	392	411	427	441	453	464	473
22.5°	335	357	379	401	420	437	452	466	477	488	497
21.25°	358	382	406	426	445	461	475	488	500	510	520
20°	382	408	429	449	466	482	496	509	521	533	543
18.75°	406	429	450	469	486	502	516	530	543	556	566
17.5°	426	449	469	487	504	520	536	551	565	577	590
16.25°	445	466	486	504	522	539	556	571	586	600	614
15°	461	482	502	520	539	557	574	591	608	623	639
13.75°	475	496	516	536	556	574	593	612	630	648	666
12.5°	488	509	530	551	571	591	612	632	653	673	691
11.25°	500	521	543	565	586	608	630	653	675	696	712
10°	510	533	556	577	600	623	648	673	696	714	731
8.75°	520	543	566	590	614	639	666	691	712	731	746
7.5°	529	553	576	601	626	654	681	705	726	744	760
6.25°	536	561	585	611	638	666	694	717	738	756	772
5°	543	567	592	619	647	677	704	727	747	765	782
3.75°	547	572	598	625	655	685	712	735	754	773	789
2.5°	551	576	603	631	661	691	717	740	760	779	795
1.25°	553	578	605	634	664	695	720	743	763	782	798
0°	554	579	606	635	666	696	721	744	764	783	799
-1.25°	553	578	605	634	664	695	720	743	763	782	798
-2.5°	551	576	603	631	661	691	717	740	760	779	795
-3.75°	547	572	598	625	655	685	712	735	754	773	789
-5°	543	567	592	619	647	677	704	727	747	765	782
-6.25°	536	561	585	611	638	666	694	717	738	756	772
-7.5°	529	553	576	601	626	654	681	705	726	744	760
-8.75°	520	543	566	590	614	639	666	691	712	731	746
-10°	510	533	556	577	600	623	648	673	696	714	731
-11.25°	500	521	543	565	586	608	630	653	675	696	712
-12.5°	488	509	530	551	571	591	612	632	653	673	691
-13.75°	475	496	516	536	556	574	593	612	630	648	666
-15°	461	482	502	520	539	557	574	591	608	623	639
-16.25°	445	466	486	504	522	539	556	571	586	600	614
-17.5°	426	449	469	487	504	520	536	551	565	577	590
-18.75°	406	429	450	469	486	502	516	530	543	556	566
-20°	382	408	429	449	466	482	496	509	521	533	543
-21.25°	358	382	406	426	445	461	475	488	500	510	520



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	335	357	379	401	420	437	452	466	477	488	497
-23.75°	313	333	352	372	392	411	427	441	453	464	473
-25°	289	309	327	345	363	381	398	413	426	438	447
-26.25°	267	284	302	319	335	351	367	381	396	408	419
-27.5°	245	261	277	293	308	323	337	350	363	374	385
-28.75°	223	238	253	268	281	295	308	321	332	342	352
-30°	203	216	229	243	256	269	280	291	302	312	321
-31.25°	183	196	208	220	231	243	254	264	273	282	290
-32.5°	165	175	187	198	208	218	227	237	246	254	261
-33.75°	148	158	167	176	186	195	204	212	220	227	233
-35°	131	140	149	157	166	173	181	189	196	202	208
-36.25°	117	124	131	139	147	154	161	167	173	178	184
-37.5°	103	110	117	123	129	135	141	147	153	158	162
-38.75°	91	96	102	108	114	119	124	129	133	137	141
-40°	78	84	89	94	99	104	108	113	117	120	124
-41.25°	66	71	77	81	86	90	94	98	101	104	107
-42.5°	52	58	63	68	73	77	80	84	87	90	92
-43.75°	39	44	49	54	58	63	67	70	73	76	78
-45°	27	32	36	40	44	48	52	55	58	61	64
-46.25°	15	19	23	27	31	34	38	41	43	46	49
-47.5°	9	11	12	15	18	22	25	27	30	32	34
-48.75°	4	5	7	9	10	11	13	14	17	19	21
-50°	1	1	1	3	4	6	7	8	9	10	11
-51.25°	1	1	1	1	1	1	1	2	3	4	5
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	0	0	1	1	1	1	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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	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	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	2	1	1	1	1
51.25°	6	6	7	7	7	7	8	7	7	7	7
50°	12	12	13	13	13	14	14	14	13	13	13
48.75°	23	24	25	26	27	27	27	27	27	26	25
47.5°	36	38	39	40	40	41	41	41	40	40	39
46.25°	51	52	54	55	56	56	56	56	56	55	54
45°	66	68	69	70	71	72	72	72	71	70	69
43.75°	80	82	84	85	86	86	86	86	86	85	84
42.5°	95	96	98	99	100	101	101	101	100	99	98
41.25°	110	112	114	116	117	117	117	117	117	116	114
40°	126	129	131	132	133	134	134	134	133	132	131
38.75°	145	148	151	153	154	155	155	155	154	153	151
37.5°	166	169	172	174	175	176	177	176	175	174	172
36.25°	188	192	196	198	200	201	202	201	200	198	196
35°	213	217	221	224	226	227	227	227	226	224	221



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	239	245	249	252	254	256	256	256	254	252	249
32.5°	268	273	278	281	284	285	286	285	284	281	278
31.25°	297	303	309	313	315	317	318	317	315	313	309
30°	328	335	340	344	347	349	350	349	347	344	340
28.75°	360	368	374	379	382	385	385	385	382	379	374
27.5°	395	403	410	414	418	420	420	420	418	414	410
26.25°	427	435	441	445	448	450	451	450	448	445	441
25°	456	463	468	472	475	477	478	477	475	472	468
23.75°	481	488	493	498	501	503	503	503	501	498	493
22.5°	505	512	518	522	526	528	528	528	526	522	518
21.25°	529	536	543	547	551	553	554	553	551	547	543
20°	553	561	567	572	576	578	579	578	576	572	567
18.75°	576	585	592	598	603	605	606	605	603	598	592
17.5°	601	611	619	625	631	634	635	634	631	625	619
16.25°	626	638	647	655	661	664	666	664	661	655	647
15°	654	666	677	685	691	695	696	695	691	685	677
13.75°	681	694	704	712	717	720	721	720	717	712	704
12.5°	705	717	727	735	740	743	744	743	740	735	727
11.25°	726	738	747	754	760	763	764	763	760	754	747
10°	744	756	765	773	779	782	783	782	779	773	765
8.75°	760	772	782	789	795	798	799	798	795	789	782
7.5°	774	786	796	803	808	810	811	810	808	803	796
6.25°	786	798	807	813	816	816	817	816	816	813	807
5°	796	807	814	817	816	815	814	815	816	817	814
3.75°	803	813	817	815	812	809	807	809	812	815	817
2.5°	808	816	816	812	806	802	800	802	806	812	816
1.25°	810	816	815	809	802	797	796	797	802	809	815
0°	811	817	814	807	800	796	798	796	800	807	814
-1.25°	810	816	815	809	802	797	796	797	802	809	815
-2.5°	808	816	816	812	806	802	800	802	806	812	816
-3.75°	803	813	817	815	812	809	807	809	812	815	817
-5°	796	807	814	817	816	815	814	815	816	817	814
-6.25°	786	798	807	813	816	816	817	816	816	813	807
-7.5°	774	786	796	803	808	810	811	810	808	803	796
-8.75°	760	772	782	789	795	798	799	798	795	789	782
-10°	744	756	765	773	779	782	783	782	779	773	765
-11.25°	726	738	747	754	760	763	764	763	760	754	747
-12.5°	705	717	727	735	740	743	744	743	740	735	727
-13.75°	681	694	704	712	717	720	721	720	717	712	704
-15°	654	666	677	685	691	695	696	695	691	685	677
-16.25°	626	638	647	655	661	664	666	664	661	655	647
-17.5°	601	611	619	625	631	634	635	634	631	625	619
-18.75°	576	585	592	598	603	605	606	605	603	598	592
-20°	553	561	567	572	576	578	579	578	576	572	567
-21.25°	529	536	543	547	551	553	554	553	551	547	543



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	505	512	518	522	526	528	528	528	526	522	518
-23.75°	481	488	493	498	501	503	503	503	501	498	493
-25°	456	463	468	472	475	477	478	477	475	472	468
-26.25°	427	435	441	445	448	450	451	450	448	445	441
-27.5°	395	403	410	414	418	420	420	420	418	414	410
-28.75°	360	368	374	379	382	385	385	385	382	379	374
-30°	328	335	340	344	347	349	350	349	347	344	340
-31.25°	297	303	309	313	315	317	318	317	315	313	309
-32.5°	268	273	278	281	284	285	286	285	284	281	278
-33.75°	239	245	249	252	254	256	256	256	254	252	249
-35°	213	217	221	224	226	227	227	227	226	224	221
-36.25°	188	192	196	198	200	201	202	201	200	198	196
-37.5°	166	169	172	174	175	176	177	176	175	174	172
-38.75°	145	148	151	153	154	155	155	155	154	153	151
-40°	126	129	131	132	133	134	134	134	133	132	131
-41.25°	110	112	114	116	117	117	117	117	117	116	114
-42.5°	95	96	98	99	100	101	101	101	100	99	98
-43.75°	80	82	84	85	86	86	86	86	86	85	84
-45°	66	68	69	70	71	72	72	72	71	70	69
-46.25°	51	52	54	55	56	56	56	56	56	55	54
-47.5°	36	38	39	40	40	41	41	41	40	40	39
-48.75°	23	24	25	26	27	27	27	27	27	26	25
-50°	12	12	13	13	13	14	14	14	13	13	13
-51.25°	6	6	7	7	7	7	8	7	7	7	7
-52.5°	1	1	1	1	1	1	2	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-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	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	6	6	5	4	3	2	1	1	1	1	1
50°	12	12	11	10	9	8	7	6	4	3	1
48.75°	24	23	21	19	17	14	13	11	10	9	7
47.5°	38	36	34	32	30	27	25	22	18	15	12
46.25°	52	51	49	46	43	41	38	34	31	27	23
45°	68	66	64	61	58	55	52	48	44	40	36
43.75°	82	80	78	76	73	70	67	63	58	54	49
42.5°	96	95	92	90	87	84	80	77	73	68	63
41.25°	112	110	107	104	101	98	94	90	86	81	77
40°	129	126	124	120	117	113	108	104	99	94	89
38.75°	148	145	141	137	133	129	124	119	114	108	102
37.5°	169	166	162	158	153	147	141	135	129	123	117
36.25°	192	188	184	178	173	167	161	154	147	139	131
35°	217	213	208	202	196	189	181	173	166	157	149



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	245	239	233	227	220	212	204	195	186	176	167
32.5°	273	268	261	254	246	237	227	218	208	198	187
31.25°	303	297	290	282	273	264	254	243	231	220	208
30°	335	328	321	312	302	291	280	269	256	243	229
28.75°	368	360	352	342	332	321	308	295	281	268	253
27.5°	403	395	385	374	363	350	337	323	308	293	277
26.25°	435	427	419	408	396	381	367	351	335	319	302
25°	463	456	447	438	426	413	398	381	363	345	327
23.75°	488	481	473	464	453	441	427	411	392	372	352
22.5°	512	505	497	488	477	466	452	437	420	401	379
21.25°	536	529	520	510	500	488	475	461	445	426	406
20°	561	553	543	533	521	509	496	482	466	449	429
18.75°	585	576	566	556	543	530	516	502	486	469	450
17.5°	611	601	590	577	565	551	536	520	504	487	469
16.25°	638	626	614	600	586	571	556	539	522	504	486
15°	666	654	639	623	608	591	574	557	539	520	502
13.75°	694	681	666	648	630	612	593	574	556	536	516
12.5°	717	705	691	673	653	632	612	591	571	551	530
11.25°	738	726	712	696	675	653	630	608	586	565	543
10°	756	744	731	714	696	673	648	623	600	577	556
8.75°	772	760	746	731	712	691	666	639	614	590	566
7.5°	786	774	760	744	726	705	681	654	626	601	576
6.25°	798	786	772	756	738	717	694	666	638	611	585
5°	807	796	782	765	747	727	704	677	647	619	592
3.75°	813	803	789	773	754	735	712	685	655	625	598
2.5°	816	808	795	779	760	740	717	691	661	631	603
1.25°	816	810	798	782	763	743	720	695	664	634	605
0°	817	811	799	783	764	744	721	696	666	635	606
-1.25°	816	810	798	782	763	743	720	695	664	634	605
-2.5°	816	808	795	779	760	740	717	691	661	631	603
-3.75°	813	803	789	773	754	735	712	685	655	625	598
-5°	807	796	782	765	747	727	704	677	647	619	592
-6.25°	798	786	772	756	738	717	694	666	638	611	585
-7.5°	786	774	760	744	726	705	681	654	626	601	576
-8.75°	772	760	746	731	712	691	666	639	614	590	566
-10°	756	744	731	714	696	673	648	623	600	577	556
-11.25°	738	726	712	696	675	653	630	608	586	565	543
-12.5°	717	705	691	673	653	632	612	591	571	551	530
-13.75°	694	681	666	648	630	612	593	574	556	536	516
-15°	666	654	639	623	608	591	574	557	539	520	502
-16.25°	638	626	614	600	586	571	556	539	522	504	486
-17.5°	611	601	590	577	565	551	536	520	504	487	469
-18.75°	585	576	566	556	543	530	516	502	486	469	450
-20°	561	553	543	533	521	509	496	482	466	449	429
-21.25°	536	529	520	510	500	488	475	461	445	426	406



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	512	505	497	488	477	466	452	437	420	401	379
-23.75°	488	481	473	464	453	441	427	411	392	372	352
-25°	463	456	447	438	426	413	398	381	363	345	327
-26.25°	435	427	419	408	396	381	367	351	335	319	302
-27.5°	403	395	385	374	363	350	337	323	308	293	277
-28.75°	368	360	352	342	332	321	308	295	281	268	253
-30°	335	328	321	312	302	291	280	269	256	243	229
-31.25°	303	297	290	282	273	264	254	243	231	220	208
-32.5°	273	268	261	254	246	237	227	218	208	198	187
-33.75°	245	239	233	227	220	212	204	195	186	176	167
-35°	217	213	208	202	196	189	181	173	166	157	149
-36.25°	192	188	184	178	173	167	161	154	147	139	131
-37.5°	169	166	162	158	153	147	141	135	129	123	117
-38.75°	148	145	141	137	133	129	124	119	114	108	102
-40°	129	126	124	120	117	113	108	104	99	94	89
-41.25°	112	110	107	104	101	98	94	90	86	81	77
-42.5°	96	95	92	90	87	84	80	77	73	68	63
-43.75°	82	80	78	76	73	70	67	63	58	54	49
-45°	68	66	64	61	58	55	52	48	44	40	36
-46.25°	52	51	49	46	43	41	38	34	31	27	23
-47.5°	38	36	34	32	30	27	25	22	18	15	12
-48.75°	24	23	21	19	17	14	13	11	10	9	7
-50°	12	12	11	10	9	8	7	6	4	3	1
-51.25°	6	6	5	4	3	2	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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°	1	1	1	1	0	0	0	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	1	1	0	0
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	5	4	2	1	1	1	1	1	1	1	1
47.5°	11	9	7	5	3	1	1	1	1	1	1
46.25°	19	15	12	10	8	6	3	1	1	1	1
45°	32	27	22	17	13	11	8	5	3	1	1
43.75°	44	39	34	29	23	18	13	10	7	5	2
42.5°	58	52	46	40	35	29	23	17	12	9	6
41.25°	71	66	60	53	47	40	34	27	20	14	10
40°	84	78	73	66	59	52	45	38	31	24	16
38.75°	96	91	85	78	72	64	57	49	41	33	26
37.5°	110	103	97	90	83	76	69	60	52	43	35
36.25°	124	117	110	102	95	87	80	72	63	54	45
35°	140	131	123	115	107	98	90	82	74	65	56



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	158	148	137	128	119	110	101	93	84	75	66
32.5°	175	165	154	143	132	123	113	103	94	85	76
31.25°	196	183	171	159	147	135	125	115	104	94	85
30°	216	203	189	175	163	150	137	126	115	104	94
28.75°	238	223	209	194	179	165	152	138	126	115	103
27.5°	261	245	228	213	197	181	166	152	137	125	113
26.25°	284	267	250	231	215	198	181	165	150	135	123
25°	309	289	271	252	232	215	197	179	163	147	132
23.75°	333	313	292	272	252	231	213	194	175	159	143
22.5°	357	335	314	292	271	250	228	209	189	171	154
21.25°	382	358	335	313	289	267	245	223	203	183	165
20°	408	382	357	333	309	284	261	238	216	196	175
18.75°	429	406	379	352	327	302	277	253	229	208	187
17.5°	449	426	401	372	345	319	293	268	243	220	198
16.25°	466	445	420	392	363	335	308	281	256	231	208
15°	482	461	437	411	381	351	323	295	269	243	218
13.75°	496	475	452	427	398	367	337	308	280	254	227
12.5°	509	488	466	441	413	381	350	321	291	264	237
11.25°	521	500	477	453	426	396	363	332	302	273	246
10°	533	510	488	464	438	408	374	342	312	282	254
8.75°	543	520	497	473	447	419	385	352	321	290	261
7.5°	553	529	505	481	456	427	395	360	328	297	268
6.25°	561	536	512	488	463	435	403	368	335	303	273
5°	567	543	518	493	468	441	410	374	340	309	278
3.75°	572	547	522	498	472	445	414	379	344	313	281
2.5°	576	551	526	501	475	448	418	382	347	315	284
1.25°	578	553	528	503	477	450	420	385	349	317	285
0°	579	554	528	503	478	451	420	385	350	318	286
-1.25°	578	553	528	503	477	450	420	385	349	317	285
-2.5°	576	551	526	501	475	448	418	382	347	315	284
-3.75°	572	547	522	498	472	445	414	379	344	313	281
-5°	567	543	518	493	468	441	410	374	340	309	278
-6.25°	561	536	512	488	463	435	403	368	335	303	273
-7.5°	553	529	505	481	456	427	395	360	328	297	268
-8.75°	543	520	497	473	447	419	385	352	321	290	261
-10°	533	510	488	464	438	408	374	342	312	282	254
-11.25°	521	500	477	453	426	396	363	332	302	273	246
-12.5°	509	488	466	441	413	381	350	321	291	264	237
-13.75°	496	475	452	427	398	367	337	308	280	254	227
-15°	482	461	437	411	381	351	323	295	269	243	218
-16.25°	466	445	420	392	363	335	308	281	256	231	208
-17.5°	449	426	401	372	345	319	293	268	243	220	198
-18.75°	429	406	379	352	327	302	277	253	229	208	187
-20°	408	382	357	333	309	284	261	238	216	196	175
-21.25°	382	358	335	313	289	267	245	223	203	183	165



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	357	335	314	292	271	250	228	209	189	171	154
-23.75°	333	313	292	272	252	231	213	194	175	159	143
-25°	309	289	271	252	232	215	197	179	163	147	132
-26.25°	284	267	250	231	215	198	181	165	150	135	123
-27.5°	261	245	228	213	197	181	166	152	137	125	113
-28.75°	238	223	209	194	179	165	152	138	126	115	103
-30°	216	203	189	175	163	150	137	126	115	104	94
-31.25°	196	183	171	159	147	135	125	115	104	94	85
-32.5°	175	165	154	143	132	123	113	103	94	85	76
-33.75°	158	148	137	128	119	110	101	93	84	75	66
-35°	140	131	123	115	107	98	90	82	74	65	56
-36.25°	124	117	110	102	95	87	80	72	63	54	45
-37.5°	110	103	97	90	83	76	69	60	52	43	35
-38.75°	96	91	85	78	72	64	57	49	41	33	26
-40°	84	78	73	66	59	52	45	38	31	24	16
-41.25°	71	66	60	53	47	40	34	27	20	14	10
-42.5°	58	52	46	40	35	29	23	17	12	9	6
-43.75°	44	39	34	29	23	18	13	10	7	5	2
-45°	32	27	22	17	13	11	8	5	3	1	1
-46.25°	19	15	12	10	8	6	3	1	1	1	1
-47.5°	11	9	7	5	3	1	1	1	1	1	1
-48.75°	5	4	2	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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°	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	1	0	0	0	0	0	0
46.25°	1	1	1	1	1	1	0	0	0	0	0
45°	1	1	1	1	1	1	1	0	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	3	1	1	1	1	1	1	1	1	0	0
41.25°	7	4	1	1	1	1	1	1	1	1	0
40°	11	8	5	1	1	1	1	1	1	1	1
38.75°	18	12	9	5	1	1	1	1	1	1	1
37.5°	28	19	13	9	5	1	1	1	1	1	1
36.25°	37	28	20	13	9	5	1	1	1	1	1
35°	46	37	28	19	12	8	4	1	1	1	1



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	56	46	37	28	18	11	7	3	1	1	1
32.5°	66	56	45	35	26	16	10	6	2	1	1
31.25°	75	65	54	43	33	24	14	9	5	1	1
30°	84	74	63	52	41	31	20	12	7	3	1
28.75°	93	82	72	60	49	38	27	17	10	5	1
27.5°	101	90	80	69	57	45	34	23	13	8	3
26.25°	110	98	87	76	64	52	40	29	18	11	6
25°	119	107	95	83	72	59	47	35	23	13	8
23.75°	128	115	102	90	78	66	53	40	29	17	10
22.5°	137	123	110	97	85	73	60	46	34	22	12
21.25°	148	131	117	103	91	78	66	52	39	27	15
20°	158	140	124	110	96	84	71	58	44	32	19
18.75°	167	149	131	117	102	89	77	63	49	36	23
17.5°	176	157	139	123	108	94	81	68	54	40	27
16.25°	186	166	147	129	114	99	86	73	58	44	31
15°	195	173	154	135	119	104	90	77	63	48	34
13.75°	204	181	161	141	124	108	94	80	67	52	38
12.5°	212	189	167	147	129	113	98	84	70	55	41
11.25°	220	196	173	153	133	117	101	87	73	58	43
10°	227	202	178	158	137	120	104	90	76	61	46
8.75°	233	208	184	162	141	124	107	92	78	64	49
7.5°	239	213	188	166	145	126	110	95	80	66	51
6.25°	245	217	192	169	148	129	112	96	82	68	52
5°	249	221	196	172	151	131	114	98	84	69	54
3.75°	252	224	198	174	153	132	116	99	85	70	55
2.5°	254	226	200	175	154	133	117	100	86	71	56
1.25°	256	227	201	176	155	134	117	101	86	72	56
0°	256	227	202	177	155	134	117	101	86	72	56
-1.25°	256	227	201	176	155	134	117	101	86	72	56
-2.5°	254	226	200	175	154	133	117	100	86	71	56
-3.75°	252	224	198	174	153	132	116	99	85	70	55
-5°	249	221	196	172	151	131	114	98	84	69	54
-6.25°	245	217	192	169	148	129	112	96	82	68	52
-7.5°	239	213	188	166	145	126	110	95	80	66	51
-8.75°	233	208	184	162	141	124	107	92	78	64	49
-10°	227	202	178	158	137	120	104	90	76	61	46
-11.25°	220	196	173	153	133	117	101	87	73	58	43
-12.5°	212	189	167	147	129	113	98	84	70	55	41
-13.75°	204	181	161	141	124	108	94	80	67	52	38
-15°	195	173	154	135	119	104	90	77	63	48	34
-16.25°	186	166	147	129	114	99	86	73	58	44	31
-17.5°	176	157	139	123	108	94	81	68	54	40	27
-18.75°	167	149	131	117	102	89	77	63	49	36	23
-20°	158	140	124	110	96	84	71	58	44	32	19
-21.25°	148	131	117	103	91	78	66	52	39	27	15



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	137	123	110	97	85	73	60	46	34	22	12
-23.75°	128	115	102	90	78	66	53	40	29	17	10
-25°	119	107	95	83	72	59	47	35	23	13	8
-26.25°	110	98	87	76	64	52	40	29	18	11	6
-27.5°	101	90	80	69	57	45	34	23	13	8	3
-28.75°	93	82	72	60	49	38	27	17	10	5	1
-30°	84	74	63	52	41	31	20	12	7	3	1
-31.25°	75	65	54	43	33	24	14	9	5	1	1
-32.5°	66	56	45	35	26	16	10	6	2	1	1
-33.75°	56	46	37	28	18	11	7	3	1	1	1
-35°	46	37	28	19	12	8	4	1	1	1	1
-36.25°	37	28	20	13	9	5	1	1	1	1	1
-37.5°	28	19	13	9	5	1	1	1	1	1	1
-38.75°	18	12	9	5	1	1	1	1	1	1	1
-40°	11	8	5	1	1	1	1	1	1	1	1
-41.25°	7	4	1	1	1	1	1	1	1	1	0
-42.5°	3	1	1	1	1	1	1	1	1	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	0	0	0	0
-46.25°	1	1	1	1	1	1	0	0	0	0	0
-47.5°	1	1	1	1	1	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°	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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°	1	0	0	0	0	0	0	0	0	0	0
37.5°	1	0	0	0	0	0	0	0	0	0	0
36.25°	1	1	0	0	0	0	0	0	0	0	0
35°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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	1	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	1	0	0	0	0	0
26.25°	1	1	1	1	1	1	0	0	0	0	0
25°	3	1	1	1	1	1	0	0	0	0	0
23.75°	5	1	1	1	1	1	1	0	0	0	0
22.5°	7	2	1	1	1	1	1	0	0	0	0
21.25°	9	4	1	1	1	1	1	0	0	0	0
20°	11	5	1	1	1	1	1	0	0	0	0
18.75°	12	7	1	1	1	1	1	1	0	0	0
17.5°	15	9	3	1	1	1	1	1	0	0	0
16.25°	18	10	4	1	1	1	1	1	0	0	0
15°	22	11	6	1	1	1	1	1	0	0	0
13.75°	25	13	7	1	1	1	1	1	0	0	0
12.5°	27	14	8	2	1	1	1	1	1	0	0
11.25°	30	17	9	3	1	1	1	1	1	0	0
10°	32	19	10	4	1	1	1	1	1	0	0
8.75°	34	21	11	5	1	1	1	1	1	0	0
7.5°	36	23	12	6	1	1	1	1	1	0	0
6.25°	38	24	12	6	1	1	1	1	1	0	0
5°	39	25	13	7	1	1	1	1	1	0	0
3.75°	40	26	13	7	1	1	1	1	1	0	0
2.5°	40	27	13	7	1	1	1	1	1	0	0
1.25°	41	27	14	7	1	1	1	1	1	0	0
0°	41	27	14	8	2	1	1	1	1	0	0
-1.25°	41	27	14	7	1	1	1	1	1	0	0
-2.5°	40	27	13	7	1	1	1	1	1	0	0
-3.75°	40	26	13	7	1	1	1	1	1	0	0
-5°	39	25	13	7	1	1	1	1	1	0	0
-6.25°	38	24	12	6	1	1	1	1	1	0	0
-7.5°	36	23	12	6	1	1	1	1	1	0	0
-8.75°	34	21	11	5	1	1	1	1	1	0	0
-10°	32	19	10	4	1	1	1	1	1	0	0
-11.25°	30	17	9	3	1	1	1	1	1	0	0
-12.5°	27	14	8	2	1	1	1	1	1	0	0
-13.75°	25	13	7	1	1	1	1	1	0	0	0
-15°	22	11	6	1	1	1	1	1	0	0	0
-16.25°	18	10	4	1	1	1	1	1	0	0	0
-17.5°	15	9	3	1	1	1	1	1	0	0	0
-18.75°	12	7	1	1	1	1	1	1	0	0	0
-20°	11	5	1	1	1	1	1	0	0	0	0
-21.25°	9	4	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	7	2	1	1	1	1	1	0	0	0	0
-23.75°	5	1	1	1	1	1	1	0	0	0	0
-25°	3	1	1	1	1	1	0	0	0	0	0
-26.25°	1	1	1	1	1	1	0	0	0	0	0
-27.5°	1	1	1	1	1	1	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	1	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	0	0	0	0	0	0	0	0	0
-37.5°	1	0	0	0	0	0	0	0	0	0	0
-38.75°	1	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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°	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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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: P220361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-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)