

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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV**

Issue Date: 3/3/2020

Test Information

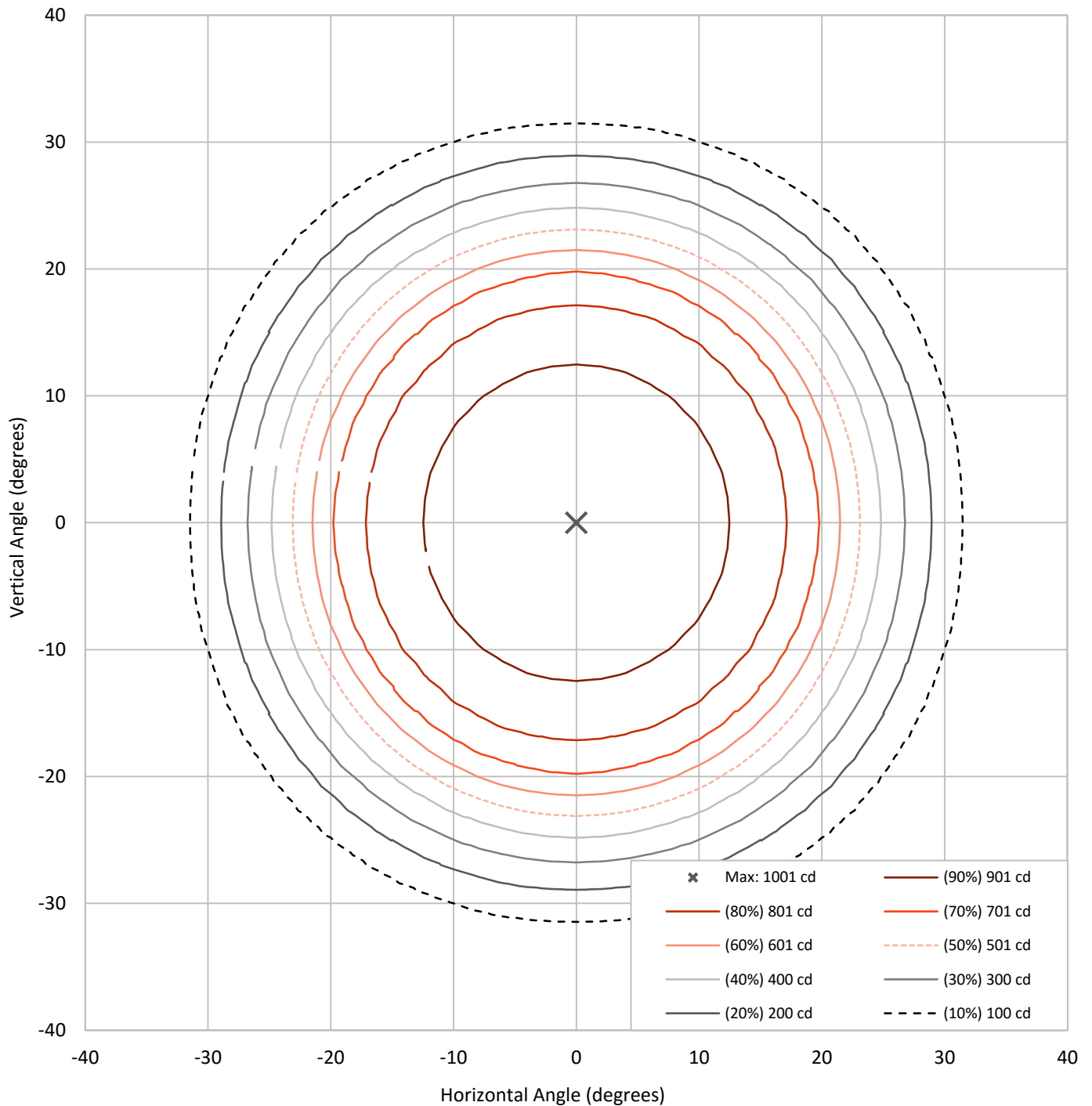
Test Method: LM-79-08
Report Number: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29557)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) COLOR CHAGING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	541.5 lumens	Max Intensity:	1001 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	22.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.2°H x 46.2°V	Field Angle (10%):	62.9°H x 62.9°V
Beam Lumens:	399 lumens	Field Lumens:	516.4 lumens
Beam Efficiency:	73.7%	Field Efficiency:	95.4%
Input Watts (W):	24.3		
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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-BK-LC2-UNV

Iso-Candela Plot





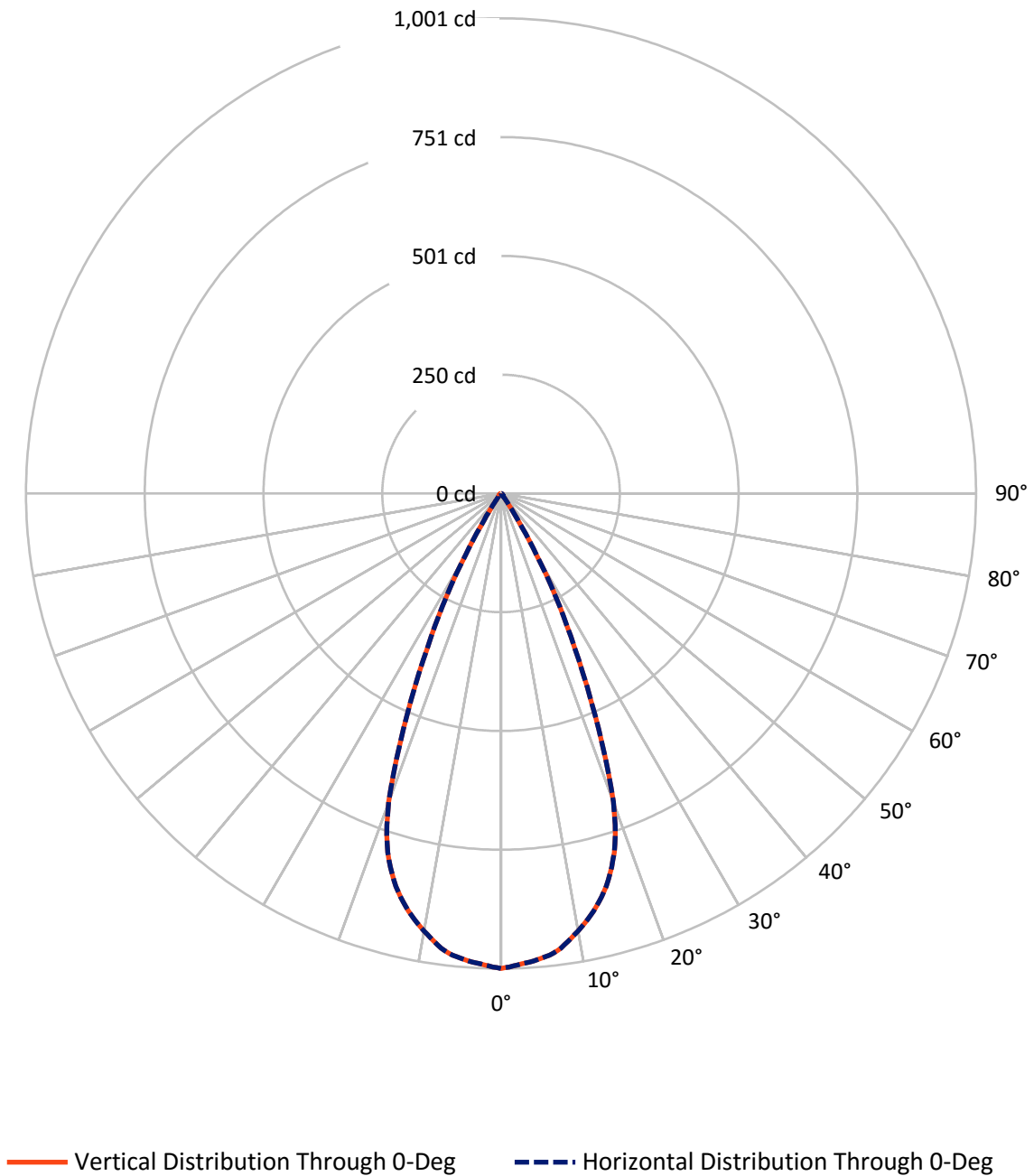
REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.1	0.2	0.5	1.2	1.2	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.1	0.2	1.2	6.1	11.2	11.2	6.1	1.2	0.2	0.1	0.0	0.0	0.0	0.0
20		0.0	0.1	0.1	0.4	5.8	17.7	24.7	24.7	17.7	5.8	0.4	0.1	0.1	0.0	0.0	0.0
10	0.0	0.0	0.1	0.1	1.0	10.3	24.0	29.0	29.0	24.0	10.3	1.0	0.1	0.1	0.0	0.0	0.0
0		0.0	0.1	0.1	1.0	10.3	24.0	29.0	29.0	24.0	10.3	1.0	0.1	0.1	0.0	0.0	0.0
-10	0.0	0.0	0.1	0.1	1.0	10.3	24.0	29.0	29.0	24.0	10.3	1.0	0.1	0.1	0.0	0.0	0.0
-20		0.0	0.1	0.1	0.4	5.8	17.7	24.7	24.7	17.7	5.8	0.4	0.1	0.1	0.0	0.0	0.0
-30	0.0	0.0	0.0	0.1	0.2	1.2	6.1	11.2	11.2	6.1	1.2	0.2	0.1	0.0	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.2	0.5	1.2	1.2	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
-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

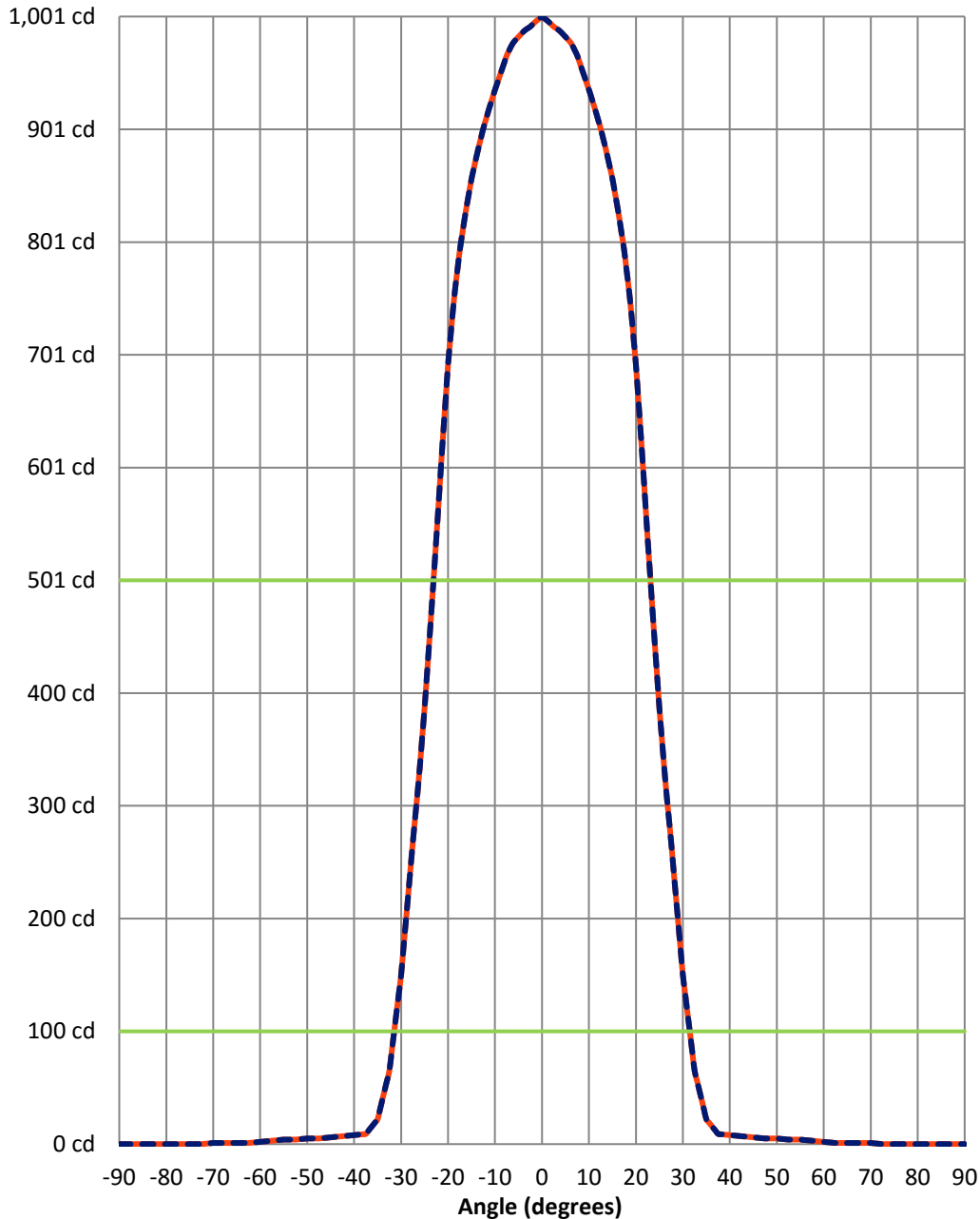
REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 46.2°
 V Angle: 46.2°
 Lumens: 399
 Efficiency: 73.7%

Field:
 H Angle: 62.9°
 V Angle: 62.9°
 Lumens: 516.4
 Efficiency: 95.4%

Spill:
 Lumens: 25.1
 Efficiency: 4.6%

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



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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	1
41.25°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	1	1
38.75°	0	0	0	0	0	0	0	0	0	1	1
37.5°	0	0	0	0	0	0	0	0	0	1	1
36.25°	0	0	0	0	0	0	0	0	1	1	1
35°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-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	1	1	1
32.5°	0	0	0	0	0	0	0	1	1	1	1
31.25°	0	0	0	0	0	0	0	1	1	1	1
30°	0	0	0	0	0	0	0	1	1	1	1
28.75°	0	0	0	0	0	0	0	1	1	1	1
27.5°	0	0	0	0	0	0	1	1	1	1	1
26.25°	0	0	0	0	0	0	1	1	1	1	1
25°	0	0	0	0	0	0	1	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	1
16.25°	0	0	0	0	0	1	1	1	1	1	1
15°	0	0	0	0	0	1	1	1	1	1	1
13.75°	0	0	0	0	0	1	1	1	1	1	1
12.5°	0	0	0	0	0	1	1	1	1	1	1
11.25°	0	0	0	0	0	1	1	1	1	1	1
10°	0	0	0	0	0	1	1	1	1	1	1
8.75°	0	0	0	0	0	1	1	1	1	1	1
7.5°	0	0	0	0	0	1	1	1	1	1	1
6.25°	0	0	0	0	0	1	1	1	1	1	1
5°	0	0	0	0	0	1	1	1	1	1	1
3.75°	0	0	0	0	0	1	1	1	1	1	1
2.5°	0	0	0	0	0	1	1	1	1	1	1
1.25°	0	0	0	0	0	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	0	1	1	1	1	1	1
-2.5°	0	0	0	0	0	1	1	1	1	1	1
-3.75°	0	0	0	0	0	1	1	1	1	1	1
-5°	0	0	0	0	0	1	1	1	1	1	1
-6.25°	0	0	0	0	0	1	1	1	1	1	1
-7.5°	0	0	0	0	0	1	1	1	1	1	1
-8.75°	0	0	0	0	0	1	1	1	1	1	1
-10°	0	0	0	0	0	1	1	1	1	1	1
-11.25°	0	0	0	0	0	1	1	1	1	1	1
-12.5°	0	0	0	0	0	1	1	1	1	1	1
-13.75°	0	0	0	0	0	1	1	1	1	1	1
-15°	0	0	0	0	0	1	1	1	1	1	1
-16.25°	0	0	0	0	0	1	1	1	1	1	1
-17.5°	0	0	0	0	0	1	1	1	1	1	1
-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-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	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	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	0	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	0	1	1	1
-35°	0	0	0	0	0	0	0	0	1	1	1
-36.25°	0	0	0	0	0	0	0	0	1	1	1
-37.5°	0	0	0	0	0	0	0	0	0	1	1
-38.75°	0	0	0	0	0	0	0	0	0	1	1
-40°	0	0	0	0	0	0	0	0	0	1	1
-41.25°	0	0	0	0	0	0	0	0	0	0	1
-42.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
56.25°	0	0	0	0	0	0	0	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	1	1	1	1	1	1
52.5°	0	0	0	0	1	1	1	1	1	1	1
51.25°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
48.75°	0	0	1	1	1	1	1	1	1	1	1
47.5°	0	1	1	1	1	1	1	1	1	1	1
46.25°	0	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	2
40°	1	1	1	1	1	1	1	1	1	1	2
38.75°	1	1	1	1	1	1	1	1	1	2	2
37.5°	1	1	1	1	1	1	1	1	2	2	2
36.25°	1	1	1	1	1	1	1	1	2	2	2
35°	1	1	1	1	1	1	1	2	2	2	3



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	1	1	1	1	2	2	3	3	4	4	4
-23.75°	1	1	1	1	2	2	3	3	4	4	4
-25°	1	1	1	1	2	2	3	3	3	4	4
-26.25°	1	1	1	1	2	2	2	3	3	4	4
-27.5°	1	1	1	1	1	2	2	3	3	3	4
-28.75°	1	1	1	1	1	2	2	2	3	3	4
-30°	1	1	1	1	1	2	2	2	3	3	4
-31.25°	1	1	1	1	1	1	2	2	3	3	3
-32.5°	1	1	1	1	1	1	2	2	2	3	3
-33.75°	1	1	1	1	1	1	1	2	2	3	3
-35°	1	1	1	1	1	1	1	2	2	2	3
-36.25°	1	1	1	1	1	1	1	1	2	2	2
-37.5°	1	1	1	1	1	1	1	1	2	2	2
-38.75°	1	1	1	1	1	1	1	1	1	2	2
-40°	1	1	1	1	1	1	1	1	1	1	2
-41.25°	1	1	1	1	1	1	1	1	1	1	2
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	0	1	1	1	1	1	1	1	1	1	1
-47.5°	0	1	1	1	1	1	1	1	1	1	1
-48.75°	0	0	1	1	1	1	1	1	1	1	1
-50°	0	0	0	1	1	1	1	1	1	1	1
-51.25°	0	0	0	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	1	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	0	1	1	1
-58.75°	0	0	0	0	0	0	0	0	0	1	1
-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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	1
65°	0	0	0	0	0	0	0	1	1	1	1
63.75°	0	0	0	0	0	1	1	1	1	1	1
62.5°	0	0	0	1	1	1	1	1	1	1	1
61.25°	0	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	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	2	2
51.25°	1	1	1	1	1	1	1	1	2	2	2
50°	1	1	1	1	1	1	2	2	2	2	2
48.75°	1	1	1	1	1	2	2	2	2	3	3
47.5°	1	1	1	1	2	2	2	2	3	3	3
46.25°	1	1	1	2	2	2	3	3	3	3	4
45°	1	1	2	2	2	3	3	3	3	4	4
43.75°	1	2	2	2	3	3	3	3	4	4	4
42.5°	2	2	2	3	3	3	3	4	4	4	4
41.25°	2	2	3	3	3	3	4	4	4	4	4
40°	2	2	3	3	3	4	4	4	4	4	4
38.75°	2	3	3	3	4	4	4	4	4	4	5
37.5°	3	3	3	4	4	4	4	4	4	5	5
36.25°	3	3	4	4	4	4	4	4	5	5	5
35°	3	3	4	4	4	4	4	5	5	5	5



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	3	4	4	4	4	4	4	5	5	5	5
32.5°	4	4	4	4	4	4	5	5	5	5	5
31.25°	4	4	4	4	4	5	5	5	5	5	5
30°	4	4	4	4	4	5	5	5	5	5	6
28.75°	4	4	4	4	5	5	5	5	5	6	6
27.5°	4	4	4	5	5	5	5	5	6	6	6
26.25°	4	4	4	5	5	5	5	5	6	6	7
25°	4	4	5	5	5	5	5	6	6	6	7
23.75°	4	4	5	5	5	5	5	6	6	7	7
22.5°	4	4	5	5	5	5	6	6	6	7	7
21.25°	4	5	5	5	5	5	6	6	7	7	7
20°	4	5	5	5	5	6	6	6	7	7	8
18.75°	4	5	5	5	5	6	6	7	7	7	8
17.5°	5	5	5	5	5	6	6	7	7	8	8
16.25°	5	5	5	5	6	6	6	7	7	8	8
15°	5	5	5	5	6	6	7	7	8	8	8
13.75°	5	5	5	5	6	6	7	7	8	8	9
12.5°	5	5	5	5	6	6	7	7	8	8	9
11.25°	5	5	5	6	6	7	7	7	8	8	9
10°	5	5	5	6	6	7	7	8	8	9	9
8.75°	5	5	5	6	6	7	7	8	8	9	11
7.5°	5	5	5	6	6	7	7	8	8	9	12
6.25°	5	5	5	6	6	7	7	8	8	9	13
5°	5	5	5	6	6	7	7	8	8	9	14
3.75°	5	5	5	6	6	7	7	8	8	9	15
2.5°	5	5	5	6	6	7	7	8	8	9	15
1.25°	5	5	5	6	6	7	7	8	8	9	15
0°	5	5	6	6	7	7	8	8	9	9	16
-1.25°	5	5	5	6	6	7	7	8	8	9	15
-2.5°	5	5	5	6	6	7	7	8	8	9	15
-3.75°	5	5	5	6	6	7	7	8	8	9	15
-5°	5	5	5	6	6	7	7	8	8	9	14
-6.25°	5	5	5	6	6	7	7	8	8	9	13
-7.5°	5	5	5	6	6	7	7	8	8	9	12
-8.75°	5	5	5	6	6	7	7	8	8	9	11
-10°	5	5	5	6	6	7	7	8	8	9	9
-11.25°	5	5	5	6	6	7	7	7	8	8	9
-12.5°	5	5	5	5	6	6	7	7	8	8	9
-13.75°	5	5	5	5	6	6	7	7	8	8	9
-15°	5	5	5	5	6	6	7	7	8	8	8
-16.25°	5	5	5	5	6	6	6	7	7	8	8
-17.5°	5	5	5	5	5	6	6	7	7	8	8
-18.75°	4	5	5	5	5	6	6	7	7	7	8
-20°	4	5	5	5	5	6	6	6	7	7	8
-21.25°	4	5	5	5	5	5	6	6	7	7	7



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	4	4	5	5	5	5	6	6	6	7	7
-23.75°	4	4	5	5	5	5	5	6	6	7	7
-25°	4	4	5	5	5	5	5	6	6	6	7
-26.25°	4	4	4	5	5	5	5	5	6	6	7
-27.5°	4	4	4	5	5	5	5	5	6	6	6
-28.75°	4	4	4	4	5	5	5	5	5	6	6
-30°	4	4	4	4	4	5	5	5	5	5	6
-31.25°	4	4	4	4	4	5	5	5	5	5	5
-32.5°	4	4	4	4	4	4	5	5	5	5	5
-33.75°	3	4	4	4	4	4	4	5	5	5	5
-35°	3	3	4	4	4	4	4	5	5	5	5
-36.25°	3	3	4	4	4	4	4	4	5	5	5
-37.5°	3	3	3	4	4	4	4	4	4	5	5
-38.75°	2	3	3	3	4	4	4	4	4	4	5
-40°	2	2	3	3	3	4	4	4	4	4	4
-41.25°	2	2	3	3	3	3	4	4	4	4	4
-42.5°	2	2	2	3	3	3	3	4	4	4	4
-43.75°	1	2	2	2	3	3	3	3	4	4	4
-45°	1	1	2	2	2	3	3	3	3	4	4
-46.25°	1	1	1	2	2	2	3	3	3	3	4
-47.5°	1	1	1	1	2	2	2	2	3	3	3
-48.75°	1	1	1	1	1	2	2	2	2	3	3
-50°	1	1	1	1	1	1	2	2	2	2	2
-51.25°	1	1	1	1	1	1	1	1	2	2	2
-52.5°	1	1	1	1	1	1	1	1	1	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	0	1	1	1	1	1	1	1	1	1	1
-62.5°	0	0	0	1	1	1	1	1	1	1	1
-63.75°	0	0	0	0	0	1	1	1	1	1	1
-65°	0	0	0	0	0	0	0	1	1	1	1
-66.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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	1	1	1	1	1
67.5°	0	0	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	2	2	2	2
56.25°	1	1	1	1	2	2	2	2	2	2	2
55°	1	1	2	2	2	2	2	2	3	3	3
53.75°	2	2	2	2	2	2	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	4	4
51.25°	2	3	3	3	3	3	3	4	4	4	4
50°	3	3	3	3	4	4	4	4	4	4	4
48.75°	3	3	4	4	4	4	4	4	4	4	4
47.5°	3	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	5	5	5
45°	4	4	4	4	4	4	5	5	5	5	5
43.75°	4	4	4	4	4	5	5	5	5	5	5
42.5°	4	4	4	5	5	5	5	5	5	5	5
41.25°	4	4	5	5	5	5	5	5	5	5	6
40°	5	5	5	5	5	5	5	5	6	6	6
38.75°	5	5	5	5	5	5	6	6	6	6	6
37.5°	5	5	5	5	5	6	6	6	6	7	7
36.25°	5	5	5	5	6	6	6	7	7	7	7
35°	5	5	5	6	6	6	7	7	7	7	8



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	5	5	6	6	6	7	7	7	8	8	8
32.5°	5	6	6	6	7	7	7	8	8	8	8
31.25°	6	6	6	7	7	7	8	8	8	9	9
30°	6	6	7	7	7	8	8	8	9	9	12
28.75°	6	7	7	7	8	8	8	9	10	14	17
27.5°	7	7	7	8	8	8	9	10	14	18	23
26.25°	7	7	8	8	8	9	10	14	19	25	38
25°	7	8	8	8	9	10	14	19	26	40	54
23.75°	7	8	8	9	9	14	18	25	40	55	73
22.5°	8	8	8	9	12	17	23	38	54	73	102
21.25°	8	8	9	11	16	21	35	51	70	101	131
20°	8	9	9	14	19	30	47	64	95	127	161
18.75°	8	9	12	17	24	41	59	87	120	154	197
17.5°	9	9	14	20	34	52	74	109	144	187	236
16.25°	9	11	17	25	43	62	95	131	172	221	268
15°	9	14	20	33	53	78	115	152	201	253	297
13.75°	10	16	22	42	61	95	133	177	231	279	326
12.5°	12	18	29	49	73	111	150	202	257	304	356
11.25°	14	20	36	56	87	126	171	227	278	328	386
10°	16	22	42	62	100	140	190	249	298	352	415
8.75°	17	27	47	71	111	153	209	265	316	375	442
7.5°	18	31	52	80	121	167	225	279	333	396	466
6.25°	19	35	56	89	130	179	239	292	349	415	487
5°	20	38	59	95	137	189	251	303	362	431	505
3.75°	21	40	62	101	143	197	258	312	373	443	519
2.5°	22	42	64	104	147	204	264	318	381	453	529
1.25°	22	43	65	107	149	207	267	322	385	458	535
0°	22	44	65	108	150	209	268	323	387	460	538
-1.25°	22	43	65	107	149	207	267	322	385	458	535
-2.5°	22	42	64	104	147	204	264	318	381	453	529
-3.75°	21	40	62	101	143	197	258	312	373	443	519
-5°	20	38	59	95	137	189	251	303	362	431	505
-6.25°	19	35	56	89	130	179	239	292	349	415	487
-7.5°	18	31	52	80	121	167	225	279	333	396	466
-8.75°	17	27	47	71	111	153	209	265	316	375	442
-10°	16	22	42	62	100	140	190	249	298	352	415
-11.25°	14	20	36	56	87	126	171	227	278	328	386
-12.5°	12	18	29	49	73	111	150	202	257	304	356
-13.75°	10	16	22	42	61	95	133	177	231	279	326
-15°	9	14	20	33	53	78	115	152	201	253	297
-16.25°	9	11	17	25	43	62	95	131	172	221	268
-17.5°	9	9	14	20	34	52	74	109	144	187	236
-18.75°	8	9	12	17	24	41	59	87	120	154	197
-20°	8	9	9	14	19	30	47	64	95	127	161
-21.25°	8	8	9	11	16	21	35	51	70	101	131



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	8	8	8	9	12	17	23	38	54	73	102
-23.75°	7	8	8	9	9	14	18	25	40	55	73
-25°	7	8	8	8	9	10	14	19	26	40	54
-26.25°	7	7	8	8	8	9	10	14	19	25	38
-27.5°	7	7	7	8	8	8	9	10	14	18	23
-28.75°	6	7	7	7	8	8	8	9	10	14	17
-30°	6	6	7	7	7	8	8	8	9	9	12
-31.25°	6	6	6	7	7	7	8	8	8	9	9
-32.5°	5	6	6	6	7	7	7	8	8	8	8
-33.75°	5	5	6	6	6	7	7	7	8	8	8
-35°	5	5	5	6	6	6	7	7	7	7	8
-36.25°	5	5	5	5	6	6	6	7	7	7	7
-37.5°	5	5	5	5	5	6	6	6	6	7	7
-38.75°	5	5	5	5	5	5	6	6	6	6	6
-40°	5	5	5	5	5	5	5	5	6	6	6
-41.25°	4	4	5	5	5	5	5	5	5	5	6
-42.5°	4	4	4	5	5	5	5	5	5	5	5
-43.75°	4	4	4	4	4	5	5	5	5	5	5
-45°	4	4	4	4	4	4	5	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	5	5	5
-47.5°	3	4	4	4	4	4	4	4	4	4	4
-48.75°	3	3	4	4	4	4	4	4	4	4	4
-50°	3	3	3	3	4	4	4	4	4	4	4
-51.25°	2	3	3	3	3	3	3	4	4	4	4
-52.5°	2	2	2	3	3	3	3	3	3	4	4
-53.75°	2	2	2	2	2	2	3	3	3	3	3
-55°	1	1	2	2	2	2	2	2	3	3	3
-56.25°	1	1	1	1	2	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	1	2	2	2	2
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	0	0	1	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	1	1	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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	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	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	3	3	3	3	3	3
56.25°	2	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	5	5	5	5
48.75°	4	4	4	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	6	6
42.5°	5	6	6	6	6	6	6	6	7	7	7
41.25°	6	6	6	6	6	7	7	7	7	7	7
40°	6	6	7	7	7	7	7	7	7	8	8
38.75°	7	7	7	7	7	8	8	8	8	8	8
37.5°	7	7	7	8	8	8	8	8	8	9	9
36.25°	7	8	8	8	8	8	9	9	9	9	11
35°	8	8	8	9	9	9	10	12	14	16	17



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	8	9	9	9	11	14	16	18	20	22	27
32.5°	9	9	12	14	17	20	22	29	36	42	47
31.25°	11	14	17	20	25	33	42	49	56	62	71
30°	16	19	24	34	43	53	61	73	87	100	111
28.75°	21	30	41	52	62	78	95	111	126	140	153
27.5°	35	47	59	74	95	115	133	150	171	190	209
26.25°	51	64	87	109	131	152	177	202	227	249	265
25°	70	95	120	144	172	201	231	257	278	298	316
23.75°	101	127	154	187	221	253	279	304	328	352	375
22.5°	131	161	197	236	268	297	326	356	386	415	442
21.25°	164	203	245	278	311	344	380	416	450	482	512
20°	203	247	283	319	357	398	439	479	516	552	585
18.75°	245	283	322	364	409	455	500	543	585	623	656
17.5°	278	319	364	413	463	513	561	609	651	687	716
16.25°	311	357	409	463	517	571	623	669	708	741	763
15°	344	398	455	513	571	628	678	720	753	779	799
13.75°	380	439	500	561	623	678	724	759	787	810	828
12.5°	416	479	543	609	669	720	759	790	815	835	852
11.25°	450	516	585	651	708	753	787	815	837	857	872
10°	482	552	623	687	741	779	810	835	857	874	889
8.75°	512	585	656	716	763	799	828	852	872	889	904
7.5°	539	614	684	741	783	816	843	866	885	902	916
6.25°	562	639	705	758	797	828	855	877	896	912	926
5°	582	658	722	771	809	839	864	886	905	921	935
3.75°	597	673	736	782	817	847	871	893	911	927	942
2.5°	609	683	744	788	823	852	877	898	916	932	947
1.25°	615	690	749	792	827	856	879	901	919	935	950
0°	618	692	750	794	828	857	881	902	920	936	951
-1.25°	615	690	749	792	827	856	879	901	919	935	950
-2.5°	609	683	744	788	823	852	877	898	916	932	947
-3.75°	597	673	736	782	817	847	871	893	911	927	942
-5°	582	658	722	771	809	839	864	886	905	921	935
-6.25°	562	639	705	758	797	828	855	877	896	912	926
-7.5°	539	614	684	741	783	816	843	866	885	902	916
-8.75°	512	585	656	716	763	799	828	852	872	889	904
-10°	482	552	623	687	741	779	810	835	857	874	889
-11.25°	450	516	585	651	708	753	787	815	837	857	872
-12.5°	416	479	543	609	669	720	759	790	815	835	852
-13.75°	380	439	500	561	623	678	724	759	787	810	828
-15°	344	398	455	513	571	628	678	720	753	779	799
-16.25°	311	357	409	463	517	571	623	669	708	741	763
-17.5°	278	319	364	413	463	513	561	609	651	687	716
-18.75°	245	283	322	364	409	455	500	543	585	623	656
-20°	203	247	283	319	357	398	439	479	516	552	585
-21.25°	164	203	245	278	311	344	380	416	450	482	512



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-BK-LC2-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°	131	161	197	236	268	297	326	356	386	415	442
-23.75°	101	127	154	187	221	253	279	304	328	352	375
-25°	70	95	120	144	172	201	231	257	278	298	316
-26.25°	51	64	87	109	131	152	177	202	227	249	265
-27.5°	35	47	59	74	95	115	133	150	171	190	209
-28.75°	21	30	41	52	62	78	95	111	126	140	153
-30°	16	19	24	34	43	53	61	73	87	100	111
-31.25°	11	14	17	20	25	33	42	49	56	62	71
-32.5°	9	9	12	14	17	20	22	29	36	42	47
-33.75°	8	9	9	9	11	14	16	18	20	22	27
-35°	8	8	8	9	9	9	10	12	14	16	17
-36.25°	7	8	8	8	8	8	9	9	9	9	11
-37.5°	7	7	7	8	8	8	8	8	8	9	9
-38.75°	7	7	7	7	7	8	8	8	8	8	8
-40°	6	6	7	7	7	7	7	7	7	8	8
-41.25°	6	6	6	6	6	7	7	7	7	7	7
-42.5°	5	6	6	6	6	6	6	6	7	7	7
-43.75°	5	5	5	5	6	6	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	6	6	6
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	4	4	4	5	5	5	5	5	5	5	5
-50°	4	4	4	4	4	4	4	5	5	5	5
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	3	4	4	4	4	4
-56.25°	2	3	3	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	1	1	1	1	1	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	1	1	1	1	1	1	1	1	1
-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDGR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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	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°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	3	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	4	3	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	5	4	4	4	4
50°	5	5	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	5
46.25°	5	5	5	5	5	5	6	5	5	5	5
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	6	6	6	6	6	6	7	6	6	6	6
42.5°	7	7	7	7	7	7	7	7	7	7	7
41.25°	7	7	7	7	7	7	8	7	7	7	7
40°	8	8	8	8	8	8	8	8	8	8	8
38.75°	8	8	8	8	8	8	9	8	8	8	8
37.5°	9	9	9	9	9	9	9	9	9	9	9
36.25°	12	13	14	15	15	15	16	15	15	15	14
35°	18	19	20	21	22	22	22	22	22	21	20



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	31	35	38	40	42	43	44	43	42	40	38
32.5°	52	56	59	62	64	65	65	65	64	62	59
31.25°	80	89	95	101	104	107	108	107	104	101	95
30°	121	130	137	143	147	149	150	149	147	143	137
28.75°	167	179	189	197	204	207	209	207	204	197	189
27.5°	225	239	251	258	264	267	268	267	264	258	251
26.25°	279	292	303	312	318	322	323	322	318	312	303
25°	333	349	362	373	381	385	387	385	381	373	362
23.75°	396	415	431	443	453	458	460	458	453	443	431
22.5°	466	487	505	519	529	535	538	535	529	519	505
21.25°	539	562	582	597	609	615	618	615	609	597	582
20°	614	639	658	673	683	690	692	690	683	673	658
18.75°	684	705	722	736	744	749	750	749	744	736	722
17.5°	741	758	771	782	788	792	794	792	788	782	771
16.25°	783	797	809	817	823	827	828	827	823	817	809
15°	816	828	839	847	852	856	857	856	852	847	839
13.75°	843	855	864	871	877	879	881	879	877	871	864
12.5°	866	877	886	893	898	901	902	901	898	893	886
11.25°	885	896	905	911	916	919	920	919	916	911	905
10°	902	912	921	927	932	935	936	935	932	927	921
8.75°	916	926	935	942	947	950	951	950	947	942	935
7.5°	928	939	948	956	962	965	967	965	962	956	948
6.25°	939	950	961	969	974	976	977	976	974	969	961
5°	948	961	971	977	981	982	983	982	981	977	971
3.75°	956	969	977	982	985	988	989	988	985	982	977
2.5°	962	974	981	985	989	991	992	991	989	985	981
1.25°	965	976	982	988	991	995	997	995	991	988	982
0°	967	977	983	989	992	997	1001	997	992	989	983
-1.25°	965	976	982	988	991	995	997	995	991	988	982
-2.5°	962	974	981	985	989	991	992	991	989	985	981
-3.75°	956	969	977	982	985	988	989	988	985	982	977
-5°	948	961	971	977	981	982	983	982	981	977	971
-6.25°	939	950	961	969	974	976	977	976	974	969	961
-7.5°	928	939	948	956	962	965	967	965	962	956	948
-8.75°	916	926	935	942	947	950	951	950	947	942	935
-10°	902	912	921	927	932	935	936	935	932	927	921
-11.25°	885	896	905	911	916	919	920	919	916	911	905
-12.5°	866	877	886	893	898	901	902	901	898	893	886
-13.75°	843	855	864	871	877	879	881	879	877	871	864
-15°	816	828	839	847	852	856	857	856	852	847	839
-16.25°	783	797	809	817	823	827	828	827	823	817	809
-17.5°	741	758	771	782	788	792	794	792	788	782	771
-18.75°	684	705	722	736	744	749	750	749	744	736	722
-20°	614	639	658	673	683	690	692	690	683	673	658
-21.25°	539	562	582	597	609	615	618	615	609	597	582



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-BK-LC2-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°	466	487	505	519	529	535	538	535	529	519	505
-23.75°	396	415	431	443	453	458	460	458	453	443	431
-25°	333	349	362	373	381	385	387	385	381	373	362
-26.25°	279	292	303	312	318	322	323	322	318	312	303
-27.5°	225	239	251	258	264	267	268	267	264	258	251
-28.75°	167	179	189	197	204	207	209	207	204	197	189
-30°	121	130	137	143	147	149	150	149	147	143	137
-31.25°	80	89	95	101	104	107	108	107	104	101	95
-32.5°	52	56	59	62	64	65	65	65	64	62	59
-33.75°	31	35	38	40	42	43	44	43	42	40	38
-35°	18	19	20	21	22	22	22	22	22	21	20
-36.25°	12	13	14	15	15	15	16	15	15	15	14
-37.5°	9	9	9	9	9	9	9	9	9	9	9
-38.75°	8	8	8	8	8	8	9	8	8	8	8
-40°	8	8	8	8	8	8	8	8	8	8	8
-41.25°	7	7	7	7	7	7	8	7	7	7	7
-42.5°	7	7	7	7	7	7	7	7	7	7	7
-43.75°	6	6	6	6	6	6	7	6	6	6	6
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	5	5	5	5	5	5	6	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	4	4	4	5	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	4	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	3	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	2	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	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°	0	0	0	0	0	0	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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDGR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	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°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	5	5	4	4	4	4	4
48.75°	5	5	5	5	5	5	5	5	5	5	4
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	6	6	6	6	6	5	5	5	5	5	5
43.75°	6	6	6	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	7	6	6	6
40°	8	8	8	8	7	7	7	7	7	7	7
38.75°	8	8	8	8	8	8	8	8	7	7	7
37.5°	9	9	9	9	8	8	8	8	8	8	7
36.25°	13	12	11	9	9	9	9	8	8	8	8
35°	19	18	17	16	14	12	10	9	9	9	8



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	35	31	27	22	20	18	16	14	11	9	9
32.5°	56	52	47	42	36	29	22	20	17	14	12
31.25°	89	80	71	62	56	49	42	33	25	20	17
30°	130	121	111	100	87	73	61	53	43	34	24
28.75°	179	167	153	140	126	111	95	78	62	52	41
27.5°	239	225	209	190	171	150	133	115	95	74	59
26.25°	292	279	265	249	227	202	177	152	131	109	87
25°	349	333	316	298	278	257	231	201	172	144	120
23.75°	415	396	375	352	328	304	279	253	221	187	154
22.5°	487	466	442	415	386	356	326	297	268	236	197
21.25°	562	539	512	482	450	416	380	344	311	278	245
20°	639	614	585	552	516	479	439	398	357	319	283
18.75°	705	684	656	623	585	543	500	455	409	364	322
17.5°	758	741	716	687	651	609	561	513	463	413	364
16.25°	797	783	763	741	708	669	623	571	517	463	409
15°	828	816	799	779	753	720	678	628	571	513	455
13.75°	855	843	828	810	787	759	724	678	623	561	500
12.5°	877	866	852	835	815	790	759	720	669	609	543
11.25°	896	885	872	857	837	815	787	753	708	651	585
10°	912	902	889	874	857	835	810	779	741	687	623
8.75°	926	916	904	889	872	852	828	799	763	716	656
7.5°	939	928	916	902	885	866	843	816	783	741	684
6.25°	950	939	926	912	896	877	855	828	797	758	705
5°	961	948	935	921	905	886	864	839	809	771	722
3.75°	969	956	942	927	911	893	871	847	817	782	736
2.5°	974	962	947	932	916	898	877	852	823	788	744
1.25°	976	965	950	935	919	901	879	856	827	792	749
0°	977	967	951	936	920	902	881	857	828	794	750
-1.25°	976	965	950	935	919	901	879	856	827	792	749
-2.5°	974	962	947	932	916	898	877	852	823	788	744
-3.75°	969	956	942	927	911	893	871	847	817	782	736
-5°	961	948	935	921	905	886	864	839	809	771	722
-6.25°	950	939	926	912	896	877	855	828	797	758	705
-7.5°	939	928	916	902	885	866	843	816	783	741	684
-8.75°	926	916	904	889	872	852	828	799	763	716	656
-10°	912	902	889	874	857	835	810	779	741	687	623
-11.25°	896	885	872	857	837	815	787	753	708	651	585
-12.5°	877	866	852	835	815	790	759	720	669	609	543
-13.75°	855	843	828	810	787	759	724	678	623	561	500
-15°	828	816	799	779	753	720	678	628	571	513	455
-16.25°	797	783	763	741	708	669	623	571	517	463	409
-17.5°	758	741	716	687	651	609	561	513	463	413	364
-18.75°	705	684	656	623	585	543	500	455	409	364	322
-20°	639	614	585	552	516	479	439	398	357	319	283
-21.25°	562	539	512	482	450	416	380	344	311	278	245



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-BK-LC2-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°	487	466	442	415	386	356	326	297	268	236	197
-23.75°	415	396	375	352	328	304	279	253	221	187	154
-25°	349	333	316	298	278	257	231	201	172	144	120
-26.25°	292	279	265	249	227	202	177	152	131	109	87
-27.5°	239	225	209	190	171	150	133	115	95	74	59
-28.75°	179	167	153	140	126	111	95	78	62	52	41
-30°	130	121	111	100	87	73	61	53	43	34	24
-31.25°	89	80	71	62	56	49	42	33	25	20	17
-32.5°	56	52	47	42	36	29	22	20	17	14	12
-33.75°	35	31	27	22	20	18	16	14	11	9	9
-35°	19	18	17	16	14	12	10	9	9	9	8
-36.25°	13	12	11	9	9	9	9	8	8	8	8
-37.5°	9	9	9	9	8	8	8	8	8	8	7
-38.75°	8	8	8	8	8	8	8	8	7	7	7
-40°	8	8	8	8	7	7	7	7	7	7	7
-41.25°	7	7	7	7	7	7	7	7	6	6	6
-42.5°	7	7	7	7	7	6	6	6	6	6	6
-43.75°	6	6	6	6	6	6	6	6	6	5	5
-45°	6	6	6	6	6	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	4
-50°	5	5	5	5	5	5	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	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°	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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	1	1	1	1	1	1	1	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	1	1	1	1	1
56.25°	3	2	2	2	2	2	2	2	2	1	1
55°	3	3	3	3	3	2	2	2	2	2	2
53.75°	4	3	3	3	3	3	3	2	2	2	2
52.5°	4	4	4	4	3	3	3	3	3	3	2
51.25°	4	4	4	4	4	4	3	3	3	3	3
50°	4	4	4	4	4	4	4	4	4	3	3
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	4	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	4	4	4	4	4	4
45°	5	5	5	5	5	5	5	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	4	4	4
42.5°	6	5	5	5	5	5	5	5	5	5	4
41.25°	6	6	6	5	5	5	5	5	5	5	5
40°	6	6	6	6	6	5	5	5	5	5	5
38.75°	7	7	6	6	6	6	6	5	5	5	5
37.5°	7	7	7	7	6	6	6	6	5	5	5
36.25°	8	7	7	7	7	7	6	6	6	5	5
35°	8	8	8	7	7	7	7	6	6	6	5



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	9	8	8	8	8	7	7	7	6	6	6
32.5°	9	9	8	8	8	8	7	7	7	6	6
31.25°	14	11	9	9	8	8	8	7	7	7	6
30°	19	16	12	9	9	8	8	8	7	7	7
28.75°	30	21	17	14	10	9	8	8	8	7	7
27.5°	47	35	23	18	14	10	9	8	8	8	7
26.25°	64	51	38	25	19	14	10	9	8	8	8
25°	95	70	54	40	26	19	14	10	9	8	8
23.75°	127	101	73	55	40	25	18	14	9	9	8
22.5°	161	131	102	73	54	38	23	17	12	9	8
21.25°	203	164	131	101	70	51	35	21	16	11	9
20°	247	203	161	127	95	64	47	30	19	14	9
18.75°	283	245	197	154	120	87	59	41	24	17	12
17.5°	319	278	236	187	144	109	74	52	34	20	14
16.25°	357	311	268	221	172	131	95	62	43	25	17
15°	398	344	297	253	201	152	115	78	53	33	20
13.75°	439	380	326	279	231	177	133	95	61	42	22
12.5°	479	416	356	304	257	202	150	111	73	49	29
11.25°	516	450	386	328	278	227	171	126	87	56	36
10°	552	482	415	352	298	249	190	140	100	62	42
8.75°	585	512	442	375	316	265	209	153	111	71	47
7.5°	614	539	466	396	333	279	225	167	121	80	52
6.25°	639	562	487	415	349	292	239	179	130	89	56
5°	658	582	505	431	362	303	251	189	137	95	59
3.75°	673	597	519	443	373	312	258	197	143	101	62
2.5°	683	609	529	453	381	318	264	204	147	104	64
1.25°	690	615	535	458	385	322	267	207	149	107	65
0°	692	618	538	460	387	323	268	209	150	108	65
-1.25°	690	615	535	458	385	322	267	207	149	107	65
-2.5°	683	609	529	453	381	318	264	204	147	104	64
-3.75°	673	597	519	443	373	312	258	197	143	101	62
-5°	658	582	505	431	362	303	251	189	137	95	59
-6.25°	639	562	487	415	349	292	239	179	130	89	56
-7.5°	614	539	466	396	333	279	225	167	121	80	52
-8.75°	585	512	442	375	316	265	209	153	111	71	47
-10°	552	482	415	352	298	249	190	140	100	62	42
-11.25°	516	450	386	328	278	227	171	126	87	56	36
-12.5°	479	416	356	304	257	202	150	111	73	49	29
-13.75°	439	380	326	279	231	177	133	95	61	42	22
-15°	398	344	297	253	201	152	115	78	53	33	20
-16.25°	357	311	268	221	172	131	95	62	43	25	17
-17.5°	319	278	236	187	144	109	74	52	34	20	14
-18.75°	283	245	197	154	120	87	59	41	24	17	12
-20°	247	203	161	127	95	64	47	30	19	14	9
-21.25°	203	164	131	101	70	51	35	21	16	11	9



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	161	131	102	73	54	38	23	17	12	9	8
-23.75°	127	101	73	55	40	25	18	14	9	9	8
-25°	95	70	54	40	26	19	14	10	9	8	8
-26.25°	64	51	38	25	19	14	10	9	8	8	8
-27.5°	47	35	23	18	14	10	9	8	8	8	7
-28.75°	30	21	17	14	10	9	8	8	8	7	7
-30°	19	16	12	9	9	8	8	8	7	7	7
-31.25°	14	11	9	9	8	8	8	7	7	7	6
-32.5°	9	9	8	8	8	8	7	7	7	6	6
-33.75°	9	8	8	8	8	7	7	7	6	6	6
-35°	8	8	8	7	7	7	7	6	6	6	5
-36.25°	8	7	7	7	7	7	6	6	6	5	5
-37.5°	7	7	7	7	6	6	6	6	5	5	5
-38.75°	7	7	6	6	6	6	6	5	5	5	5
-40°	6	6	6	6	6	5	5	5	5	5	5
-41.25°	6	6	6	5	5	5	5	5	5	5	5
-42.5°	6	5	5	5	5	5	5	5	5	5	4
-43.75°	5	5	5	5	5	5	5	5	4	4	4
-45°	5	5	5	5	5	5	5	4	4	4	4
-46.25°	5	5	5	5	5	4	4	4	4	4	4
-47.5°	5	5	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	3	3
-51.25°	4	4	4	4	4	4	3	3	3	3	3
-52.5°	4	4	4	4	3	3	3	3	3	3	2
-53.75°	4	3	3	3	3	3	3	2	2	2	2
-55°	3	3	3	3	3	2	2	2	2	2	2
-56.25°	3	2	2	2	2	2	2	2	2	1	1
-57.5°	2	2	2	2	2	2	1	1	1	1	1
-58.75°	2	2	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	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	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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	1	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	1	1	0	0	0	0	0
63.75°	1	1	1	1	1	1	1	1	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	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°	2	2	1	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
51.25°	3	2	2	2	2	1	1	1	1	1	1
50°	3	3	2	2	2	2	2	1	1	1	1
48.75°	3	3	3	3	2	2	2	2	1	1	1
47.5°	4	3	3	3	3	2	2	2	2	1	1
46.25°	4	4	4	3	3	3	3	2	2	2	1
45°	4	4	4	4	3	3	3	3	2	2	2
43.75°	4	4	4	4	4	3	3	3	3	2	2
42.5°	4	4	4	4	4	4	3	3	3	3	2
41.25°	4	4	4	4	4	4	4	3	3	3	3
40°	5	5	4	4	4	4	4	4	3	3	3
38.75°	5	5	5	4	4	4	4	4	4	3	3
37.5°	5	5	5	5	4	4	4	4	4	4	3
36.25°	5	5	5	5	5	4	4	4	4	4	4
35°	5	5	5	5	5	5	4	4	4	4	4



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	5	5	5	5	5	5	4	4	4	4	4
32.5°	6	5	5	5	5	5	5	4	4	4	4
31.25°	6	6	5	5	5	5	5	5	4	4	4
30°	6	6	6	5	5	5	5	5	4	4	4
28.75°	7	6	6	6	5	5	5	5	5	4	4
27.5°	7	7	6	6	6	5	5	5	5	5	4
26.25°	7	7	7	6	6	5	5	5	5	5	4
25°	8	7	7	6	6	6	5	5	5	5	5
23.75°	8	7	7	7	6	6	5	5	5	5	5
22.5°	8	8	7	7	6	6	6	5	5	5	5
21.25°	8	8	7	7	7	6	6	5	5	5	5
20°	9	8	8	7	7	6	6	6	5	5	5
18.75°	9	8	8	7	7	7	6	6	5	5	5
17.5°	9	9	8	8	7	7	6	6	5	5	5
16.25°	11	9	8	8	7	7	6	6	6	5	5
15°	14	9	8	8	8	7	7	6	6	5	5
13.75°	16	10	9	8	8	7	7	6	6	5	5
12.5°	18	12	9	8	8	7	7	6	6	5	5
11.25°	20	14	9	8	8	7	7	7	6	6	5
10°	22	16	9	9	8	8	7	7	6	6	5
8.75°	27	17	11	9	8	8	7	7	6	6	5
7.5°	31	18	12	9	8	8	7	7	6	6	5
6.25°	35	19	13	9	8	8	7	7	6	6	5
5°	38	20	14	9	8	8	7	7	6	6	5
3.75°	40	21	15	9	8	8	7	7	6	6	5
2.5°	42	22	15	9	8	8	7	7	6	6	5
1.25°	43	22	15	9	8	8	7	7	6	6	5
0°	44	22	16	9	9	8	8	7	7	6	6
-1.25°	43	22	15	9	8	8	7	7	6	6	5
-2.5°	42	22	15	9	8	8	7	7	6	6	5
-3.75°	40	21	15	9	8	8	7	7	6	6	5
-5°	38	20	14	9	8	8	7	7	6	6	5
-6.25°	35	19	13	9	8	8	7	7	6	6	5
-7.5°	31	18	12	9	8	8	7	7	6	6	5
-8.75°	27	17	11	9	8	8	7	7	6	6	5
-10°	22	16	9	9	8	8	7	7	6	6	5
-11.25°	20	14	9	8	8	7	7	7	6	6	5
-12.5°	18	12	9	8	8	7	7	6	6	5	5
-13.75°	16	10	9	8	8	7	7	6	6	5	5
-15°	14	9	8	8	8	7	7	6	6	5	5
-16.25°	11	9	8	8	7	7	6	6	6	5	5
-17.5°	9	9	8	8	7	7	6	6	5	5	5
-18.75°	9	8	8	7	7	7	6	6	5	5	5
-20°	9	8	8	7	7	6	6	6	5	5	5
-21.25°	8	8	7	7	7	6	6	5	5	5	5



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	8	8	7	7	6	6	6	5	5	5	5
-23.75°	8	7	7	7	6	6	5	5	5	5	5
-25°	8	7	7	6	6	6	5	5	5	5	5
-26.25°	7	7	7	6	6	5	5	5	5	5	4
-27.5°	7	7	6	6	6	5	5	5	5	5	4
-28.75°	7	6	6	6	5	5	5	5	5	4	4
-30°	6	6	6	5	5	5	5	5	4	4	4
-31.25°	6	6	5	5	5	5	5	5	4	4	4
-32.5°	6	5	5	5	5	5	5	4	4	4	4
-33.75°	5	5	5	5	5	5	4	4	4	4	4
-35°	5	5	5	5	5	5	4	4	4	4	4
-36.25°	5	5	5	5	5	4	4	4	4	4	4
-37.5°	5	5	5	5	4	4	4	4	4	4	3
-38.75°	5	5	5	4	4	4	4	4	4	3	3
-40°	5	5	4	4	4	4	4	4	3	3	3
-41.25°	4	4	4	4	4	4	4	3	3	3	3
-42.5°	4	4	4	4	4	4	3	3	3	3	2
-43.75°	4	4	4	4	4	3	3	3	3	2	2
-45°	4	4	4	4	3	3	3	3	2	2	2
-46.25°	4	4	4	3	3	3	3	2	2	2	1
-47.5°	4	3	3	3	3	2	2	2	2	1	1
-48.75°	3	3	3	3	2	2	2	2	1	1	1
-50°	3	3	2	2	2	2	2	1	1	1	1
-51.25°	3	2	2	2	2	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	0
-63.75°	1	1	1	1	1	1	1	1	0	0	0
-65°	1	1	1	1	1	1	0	0	0	0	0
-66.25°	1	1	1	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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	1	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	1	1	0	0	0	0	0	0	0
57.5°	1	1	1	1	1	0	0	0	0	0	0
56.25°	1	1	1	1	1	1	0	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	1	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	0
50°	1	1	1	1	1	1	1	1	1	1	0
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	2	1	1	1	1	1	1	1	1	1	1
42.5°	2	2	1	1	1	1	1	1	1	1	1
41.25°	2	2	2	1	1	1	1	1	1	1	1
40°	2	2	2	1	1	1	1	1	1	1	1
38.75°	3	2	2	2	1	1	1	1	1	1	1
37.5°	3	3	2	2	2	1	1	1	1	1	1
36.25°	3	3	2	2	2	1	1	1	1	1	1
35°	3	3	3	2	2	2	1	1	1	1	1



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	4	3	3	3	2	2	1	1	1	1	1
32.5°	4	4	3	3	2	2	2	1	1	1	1
31.25°	4	4	3	3	3	2	2	1	1	1	1
30°	4	4	4	3	3	2	2	2	1	1	1
28.75°	4	4	4	3	3	2	2	2	1	1	1
27.5°	4	4	4	3	3	3	2	2	1	1	1
26.25°	4	4	4	4	3	3	2	2	2	1	1
25°	4	4	4	4	3	3	3	2	2	1	1
23.75°	4	4	4	4	4	3	3	2	2	1	1
22.5°	4	4	4	4	4	3	3	2	2	1	1
21.25°	5	4	4	4	4	3	3	2	2	2	1
20°	5	4	4	4	4	4	3	3	2	2	1
18.75°	5	4	4	4	4	4	3	3	2	2	1
17.5°	5	5	4	4	4	4	3	3	2	2	1
16.25°	5	5	4	4	4	4	3	3	2	2	1
15°	5	5	4	4	4	4	3	3	3	2	2
13.75°	5	5	4	4	4	4	4	3	3	2	2
12.5°	5	5	5	4	4	4	4	3	3	2	2
11.25°	5	5	5	4	4	4	4	3	3	2	2
10°	5	5	5	4	4	4	4	3	3	2	2
8.75°	5	5	5	4	4	4	4	3	3	2	2
7.5°	5	5	5	4	4	4	4	3	3	2	2
6.25°	5	5	5	4	4	4	4	3	3	2	2
5°	5	5	5	4	4	4	4	3	3	2	2
3.75°	5	5	5	4	4	4	4	3	3	2	2
2.5°	5	5	5	4	4	4	4	3	3	2	2
1.25°	5	5	5	4	4	4	4	3	3	2	2
0°	5	5	5	5	4	4	4	4	3	3	2
-1.25°	5	5	5	4	4	4	4	3	3	2	2
-2.5°	5	5	5	4	4	4	4	3	3	2	2
-3.75°	5	5	5	4	4	4	4	3	3	2	2
-5°	5	5	5	4	4	4	4	3	3	2	2
-6.25°	5	5	5	4	4	4	4	3	3	2	2
-7.5°	5	5	5	4	4	4	4	3	3	2	2
-8.75°	5	5	5	4	4	4	4	3	3	2	2
-10°	5	5	5	4	4	4	4	3	3	2	2
-11.25°	5	5	5	4	4	4	4	3	3	2	2
-12.5°	5	5	5	4	4	4	4	3	3	2	2
-13.75°	5	5	4	4	4	4	4	3	3	2	2
-15°	5	5	4	4	4	4	3	3	3	2	2
-16.25°	5	5	4	4	4	4	3	3	2	2	1
-17.5°	5	5	4	4	4	4	3	3	2	2	1
-18.75°	5	4	4	4	4	4	3	3	2	2	1
-20°	5	4	4	4	4	4	3	3	2	2	1
-21.25°	5	4	4	4	4	3	3	2	2	2	1



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	4	4	4	3	3	2	2	1	1
-23.75°	4	4	4	4	4	3	3	2	2	1	1
-25°	4	4	4	4	3	3	3	2	2	1	1
-26.25°	4	4	4	4	3	3	2	2	2	1	1
-27.5°	4	4	4	3	3	3	2	2	1	1	1
-28.75°	4	4	4	3	3	2	2	2	1	1	1
-30°	4	4	4	3	3	2	2	2	1	1	1
-31.25°	4	4	3	3	3	2	2	1	1	1	1
-32.5°	4	4	3	3	2	2	2	1	1	1	1
-33.75°	4	3	3	3	2	2	1	1	1	1	1
-35°	3	3	3	2	2	2	1	1	1	1	1
-36.25°	3	3	2	2	2	1	1	1	1	1	1
-37.5°	3	3	2	2	2	1	1	1	1	1	1
-38.75°	3	2	2	2	1	1	1	1	1	1	1
-40°	2	2	2	1	1	1	1	1	1	1	1
-41.25°	2	2	2	1	1	1	1	1	1	1	1
-42.5°	2	2	1	1	1	1	1	1	1	1	1
-43.75°	2	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	0
-51.25°	1	1	1	1	1	1	1	1	1	1	0
-52.5°	1	1	1	1	1	1	1	1	1	0	0
-53.75°	1	1	1	1	1	1	1	1	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	0	0	0	0	0	0
-58.75°	1	1	1	1	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDGR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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°	1	0	0	0	0	0	0	0	0	0	0
46.25°	1	0	0	0	0	0	0	0	0	0	0
45°	1	1	0	0	0	0	0	0	0	0	0
43.75°	1	1	0	0	0	0	0	0	0	0	0
42.5°	1	1	1	0	0	0	0	0	0	0	0
41.25°	1	1	1	0	0	0	0	0	0	0	0
40°	1	1	1	1	0	0	0	0	0	0	0
38.75°	1	1	1	1	0	0	0	0	0	0	0
37.5°	1	1	1	1	0	0	0	0	0	0	0
36.25°	1	1	1	1	1	0	0	0	0	0	0
35°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	1	1	1	1	1	1	1	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	0	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	0	0	0	0	0	0
-35°	1	1	1	1	1	0	0	0	0	0	0
-36.25°	1	1	1	1	1	0	0	0	0	0	0
-37.5°	1	1	1	1	0	0	0	0	0	0	0
-38.75°	1	1	1	1	0	0	0	0	0	0	0
-40°	1	1	1	1	0	0	0	0	0	0	0
-41.25°	1	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	1	0	0	0	0	0	0	0	0
-43.75°	1	1	0	0	0	0	0	0	0	0	0
-45°	1	1	0	0	0	0	0	0	0	0	0
-46.25°	1	0	0	0	0	0	0	0	0	0	0
-47.5°	1	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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDGR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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: P221160 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-BK-LC2-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)