

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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LEDCW-M-BK-LC2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29559)
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]-FL-LEDCW-M-BK-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) WARM DIMMING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

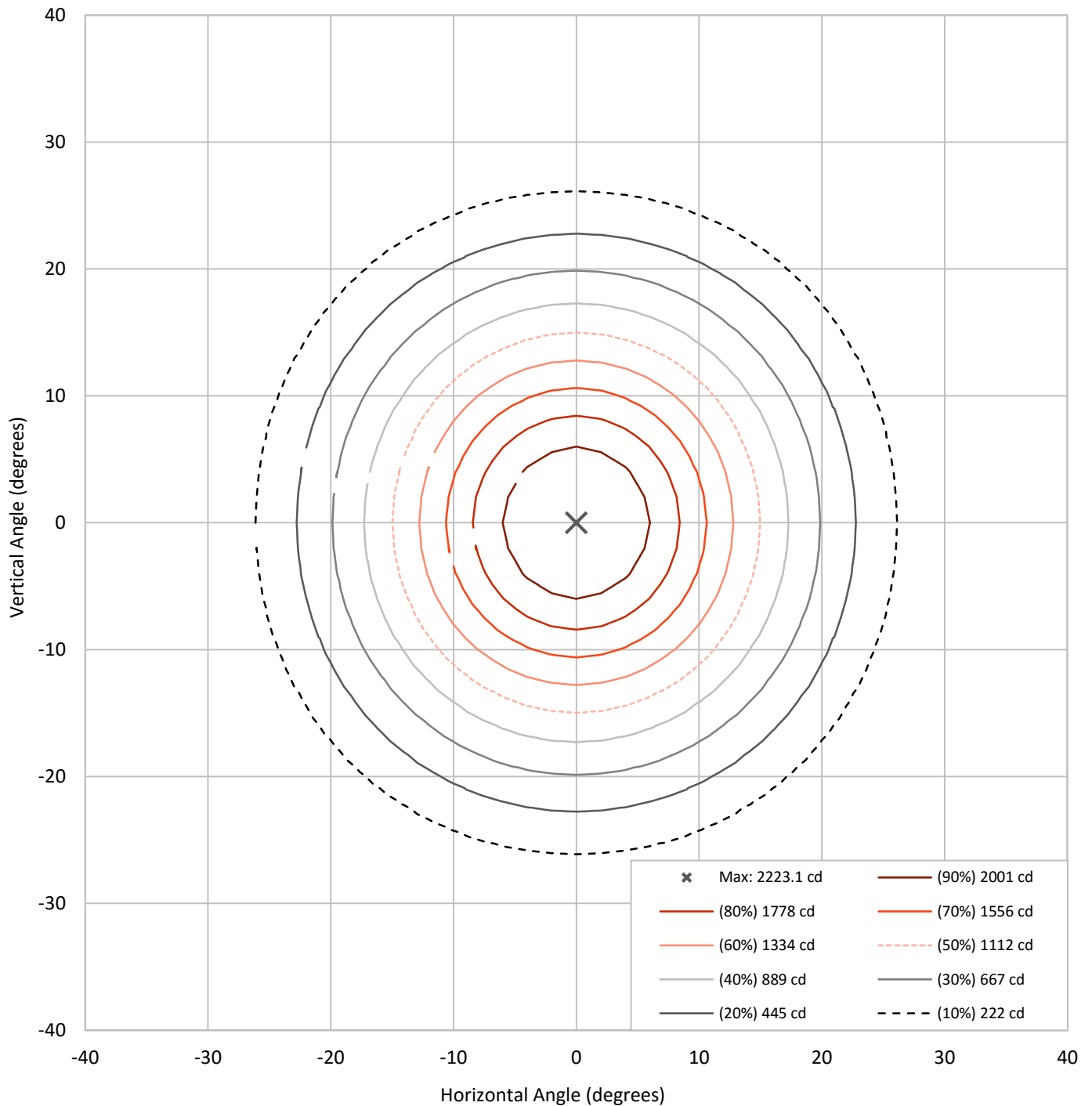
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	636.8 lumens	Max Intensity:	2223.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	26.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	29.9°H x 29.9°V	Field Angle (10%):	52.2°H x 52.2°V
Beam Lumens:	339.1 lumens	Field Lumens:	594.4 lumens
Beam Efficiency:	53.3%	Field Efficiency:	93.3%
Input Watts (W):	24		
Input Voltage (V):	120		
Input Current (A _{in}):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-BK-LC2-UNV

Iso-Candela Plot





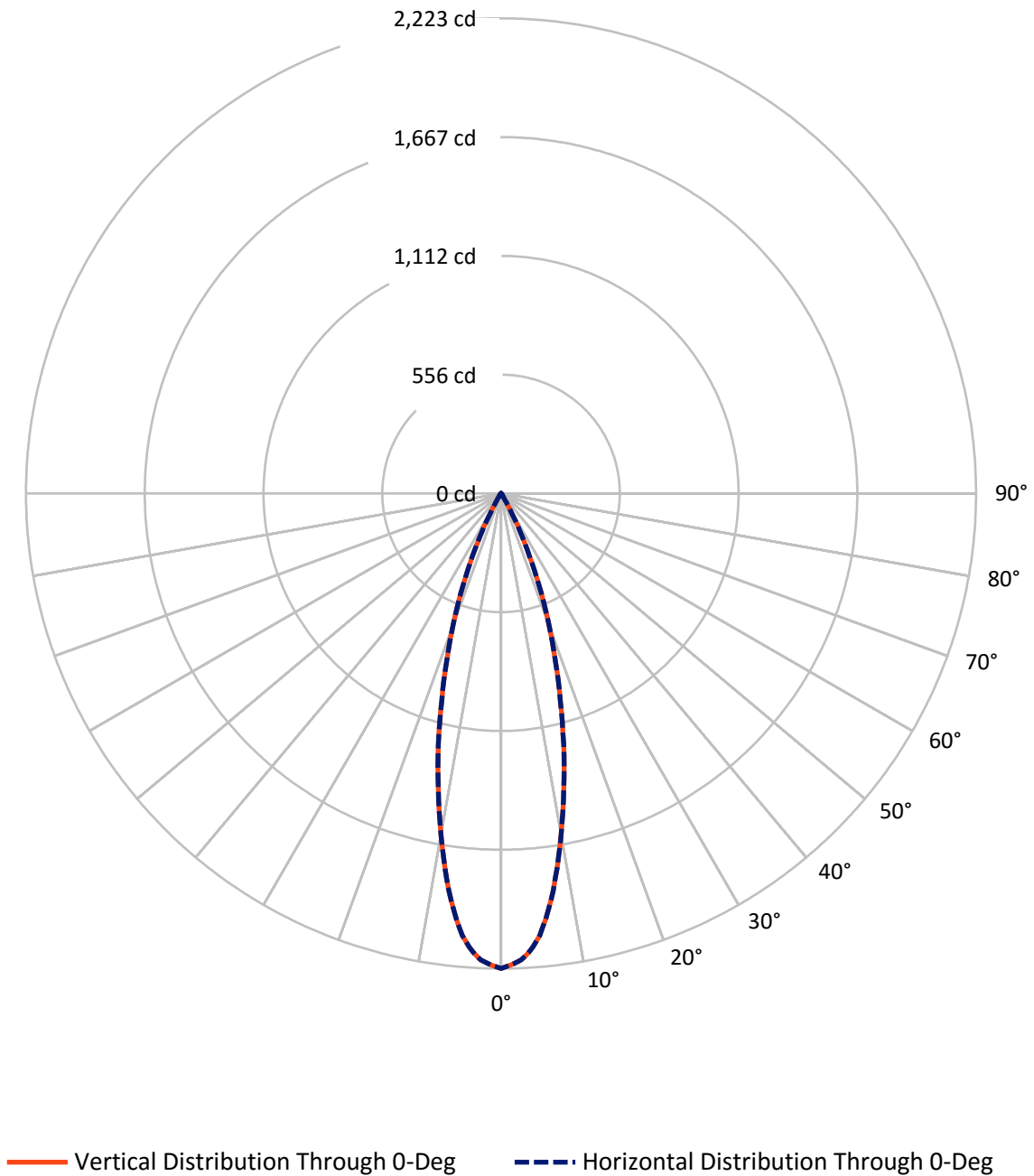
REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-BK-LC2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0									
80	0.0	0.0	0.1	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	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	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	0.0	
50	0.0	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	0.0	0.0
40		0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.1	0.5	3.5	8.3	8.3	3.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20		0.0	0.0	0.1	0.2	3.3	16.7	30.8	30.8	16.7	3.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.1	0.4	7.7	30.0	55.3	55.3	30.0	7.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0		0.0	0.0	0.1	0.4	7.7	30.0	55.3	55.3	30.0	7.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
-10	0.0	0.0	0.0	0.1	0.4	7.7	30.0	55.3	55.3	30.0	7.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
-20		0.0	0.0	0.1	0.2	3.3	16.7	30.8	30.8	16.7	3.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	
-30	0.0	0.0	0.0	0.0	0.1	0.5	3.5	8.3	8.3	3.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-40		0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.4	0.2	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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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	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	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	
-90	0.0	0.0	0.1	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	0.0	0.0	0.0

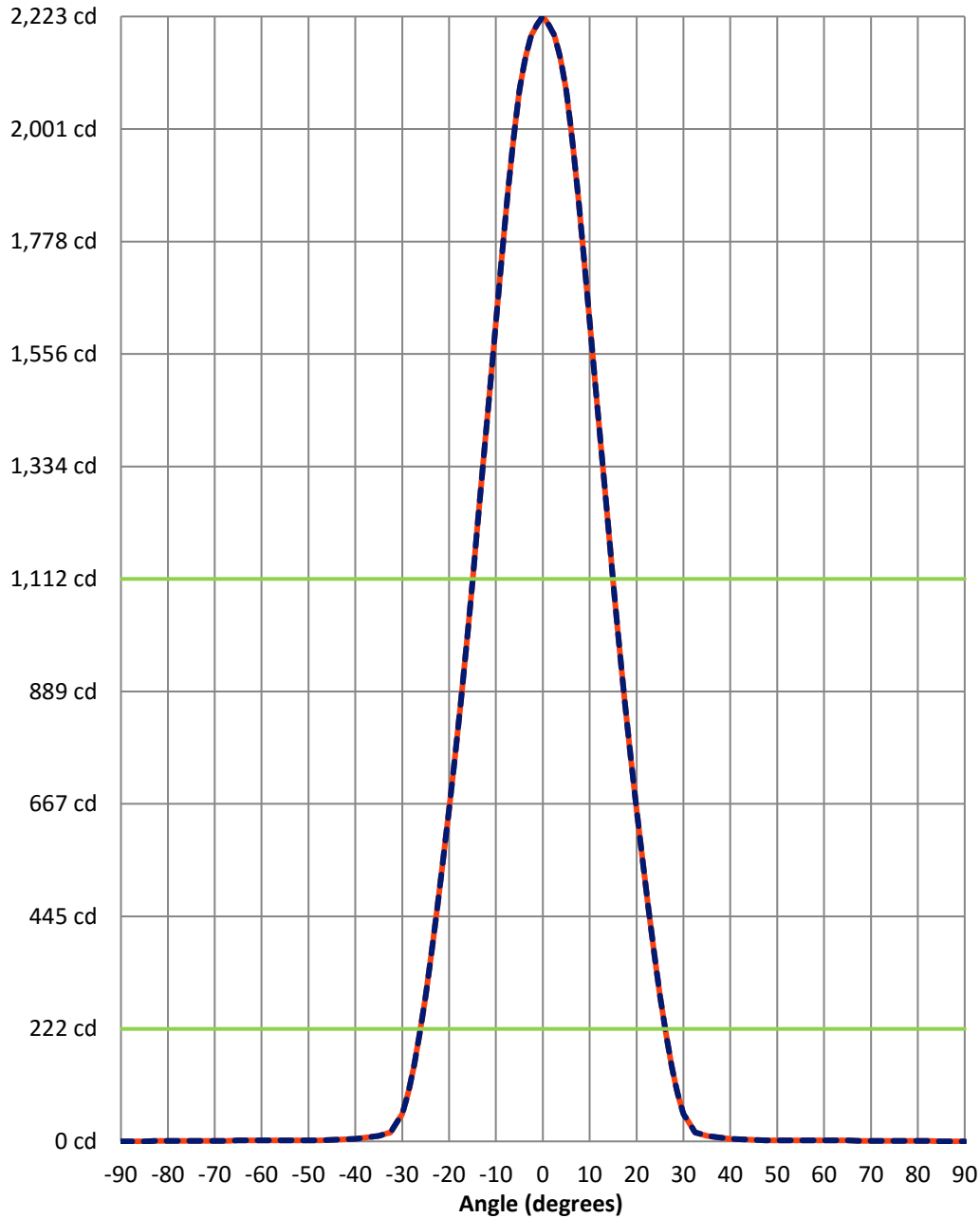
REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-BK-LC2-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 29.9°
 V Angle: 29.9°
 Lumens: 339.1
 Efficiency: 53.3%

Field:
 H Angle: 52.2°
 V Angle: 52.2°
 Lumens: 594.4
 Efficiency: 93.3%

Spill:
 Lumens: 42.4
 Efficiency: 6.7%

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



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1
57.5°	0	0	0	0	0	0	0	0	0	0	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	1	1
53.75°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	0	0	1	1
51.25°	0	0	0	0	0	0	0	0	0	1	1
50°	0	0	0	0	0	0	0	0	1	1	1
48.75°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
46.25°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	0	1	1	1
43.75°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	0	1	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	0	1	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1	1	1	1
32.5°	0	0	0	0	0	0	1	1	1	1	1
31.25°	0	0	0	0	0	0	1	1	1	1	1
30°	0	0	0	0	0	0	1	1	1	1	1
28.75°	0	0	0	0	0	0	1	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	0	1	1	1	1	1
17.5°	0	0	0	0	0	0	1	1	1	1	1
16.25°	0	0	0	0	0	0	1	1	1	1	1
15°	0	0	0	0	0	0	1	1	1	1	1
13.75°	0	0	0	0	0	0	1	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	1	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	1	1	1	1	1
-15°	0	0	0	0	0	0	1	1	1	1	1
-16.25°	0	0	0	0	0	0	1	1	1	1	1
-17.5°	0	0	0	0	0	0	1	1	1	1	1
-18.75°	0	0	0	0	0	0	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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	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	1	1	1	1	1
-30°	0	0	0	0	0	0	1	1	1	1	1
-31.25°	0	0	0	0	0	0	1	1	1	1	1
-32.5°	0	0	0	0	0	0	1	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	1	1	1	1
-43.75°	0	0	0	0	0	0	0	1	1	1	1
-45°	0	0	0	0	0	0	0	0	1	1	1
-46.25°	0	0	0	0	0	0	0	0	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	1	1	1
-50°	0	0	0	0	0	0	0	0	1	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	1	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-58.75°	0	0	0	0	0	0	0	0	0	0	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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1	1
73.75°	0	0	0	0	0	0	0	0	1	1	1
72.5°	0	0	0	0	0	0	1	1	1	1	1
71.25°	0	0	0	0	0	1	1	1	1	1	1
70°	0	0	0	0	1	1	1	1	1	1	1
68.75°	0	0	0	1	1	1	1	1	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	0	0	1	1	1	1	1	1	1	1	1
65°	0	1	1	1	1	1	1	1	1	1	1
63.75°	0	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	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	1	1
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°	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°	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	1
40°	1	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	1	1	1	1	1	1	1	1	1	1	1
36.25°	1	1	1	1	1	1	1	1	1	1	1
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
32.5°	1	1	1	1	1	1	1	1	1	1	1
31.25°	1	1	1	1	1	1	1	1	1	1	1
30°	1	1	1	1	1	1	1	1	1	1	1
28.75°	1	1	1	1	1	1	1	1	1	1	1
27.5°	1	1	1	1	1	1	1	1	1	1	1
26.25°	1	1	1	1	1	1	1	1	1	1	1
25°	1	1	1	1	1	1	1	1	1	1	1
23.75°	1	1	1	1	1	1	1	1	1	1	2
22.5°	1	1	1	1	1	1	1	1	1	1	2
21.25°	1	1	1	1	1	1	1	1	1	1	2
20°	1	1	1	1	1	1	1	1	1	1	2
18.75°	1	1	1	1	1	1	1	1	1	1	2
17.5°	1	1	1	1	1	1	1	1	1	2	2
16.25°	1	1	1	1	1	1	1	1	1	2	2
15°	1	1	1	1	1	1	1	1	1	2	2
13.75°	1	1	1	1	1	1	1	1	1	2	2
12.5°	1	1	1	1	1	1	1	1	1	2	2
11.25°	1	1	1	1	1	1	1	1	1	2	2
10°	1	1	1	1	1	1	1	1	1	2	2
8.75°	1	1	1	1	1	1	1	1	1	2	2
7.5°	1	1	1	1	1	1	1	1	1	2	2
6.25°	1	1	1	1	1	1	1	1	1	2	2
5°	1	1	1	1	1	1	1	1	1	2	2
3.75°	1	1	1	1	1	1	1	1	1	2	2
2.5°	1	1	1	1	1	1	1	1	1	2	2
1.25°	1	1	1	1	1	1	1	1	1	2	2
0°	1	1	1	1	1	1	1	1	2	2	2
-1.25°	1	1	1	1	1	1	1	1	1	2	2
-2.5°	1	1	1	1	1	1	1	1	1	2	2
-3.75°	1	1	1	1	1	1	1	1	1	2	2
-5°	1	1	1	1	1	1	1	1	1	2	2
-6.25°	1	1	1	1	1	1	1	1	1	2	2
-7.5°	1	1	1	1	1	1	1	1	1	2	2
-8.75°	1	1	1	1	1	1	1	1	1	2	2
-10°	1	1	1	1	1	1	1	1	1	2	2
-11.25°	1	1	1	1	1	1	1	1	1	2	2
-12.5°	1	1	1	1	1	1	1	1	1	2	2
-13.75°	1	1	1	1	1	1	1	1	1	2	2
-15°	1	1	1	1	1	1	1	1	1	2	2
-16.25°	1	1	1	1	1	1	1	1	1	2	2
-17.5°	1	1	1	1	1	1	1	1	1	2	2
-18.75°	1	1	1	1	1	1	1	1	1	1	2
-20°	1	1	1	1	1	1	1	1	1	1	2
-21.25°	1	1	1	1	1	1	1	1	1	1	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	2
-23.75°	1	1	1	1	1	1	1	1	1	1	2
-25°	1	1	1	1	1	1	1	1	1	1	1
-26.25°	1	1	1	1	1	1	1	1	1	1	1
-27.5°	1	1	1	1	1	1	1	1	1	1	1
-28.75°	1	1	1	1	1	1	1	1	1	1	1
-30°	1	1	1	1	1	1	1	1	1	1	1
-31.25°	1	1	1	1	1	1	1	1	1	1	1
-32.5°	1	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	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	1
-51.25°	1	1	1	1	1	1	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	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	1
-63.75°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	1	1	1	1	1	1	1	1
-70°	0	0	0	0	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	1	1	1
-75°	0	0	0	0	0	0	0	0	0	1	1
-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1
78.75°	0	0	0	0	0	0	1	1	1	1	1
77.5°	0	0	0	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	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	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	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	2
48.75°	1	1	1	1	1	1	1	1	1	2	2
47.5°	1	1	1	1	1	1	1	1	2	2	2
46.25°	1	1	1	1	1	1	1	2	2	2	2
45°	1	1	1	1	1	1	2	2	2	2	2
43.75°	1	1	1	1	1	1	2	2	2	2	2
42.5°	1	1	1	1	1	2	2	2	2	2	2
41.25°	1	1	1	1	2	2	2	2	2	2	2
40°	1	1	1	1	2	2	2	2	2	2	2
38.75°	1	1	1	2	2	2	2	2	2	2	2
37.5°	1	1	1	2	2	2	2	2	2	2	2
36.25°	1	1	2	2	2	2	2	2	2	2	2
35°	1	1	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	2	2	2	2	2	2	2	2	2
32.5°	1	2	2	2	2	2	2	2	2	2	2
31.25°	1	2	2	2	2	2	2	2	2	2	2
30°	1	2	2	2	2	2	2	2	2	2	2
28.75°	2	2	2	2	2	2	2	2	2	2	2
27.5°	2	2	2	2	2	2	2	2	2	2	2
26.25°	2	2	2	2	2	2	2	2	2	2	2
25°	2	2	2	2	2	2	2	2	2	2	2
23.75°	2	2	2	2	2	2	2	2	2	2	2
22.5°	2	2	2	2	2	2	2	2	2	2	2
21.25°	2	2	2	2	2	2	2	2	2	2	2
20°	2	2	2	2	2	2	2	2	2	2	2
18.75°	2	2	2	2	2	2	2	2	2	2	2
17.5°	2	2	2	2	2	2	2	2	2	2	2
16.25°	2	2	2	2	2	2	2	2	2	2	2
15°	2	2	2	2	2	2	2	2	2	2	2
13.75°	2	2	2	2	2	2	2	2	2	2	2
12.5°	2	2	2	2	2	2	2	2	2	2	2
11.25°	2	2	2	2	2	2	2	2	2	2	2
10°	2	2	2	2	2	2	2	2	2	2	2
8.75°	2	2	2	2	2	2	2	2	2	2	2
7.5°	2	2	2	2	2	2	2	2	2	2	2
6.25°	2	2	2	2	2	2	2	2	2	2	2
5°	2	2	2	2	2	2	2	2	2	2	2
3.75°	2	2	2	2	2	2	2	2	2	2	2
2.5°	2	2	2	2	2	2	2	2	2	2	2
1.25°	2	2	2	2	2	2	2	2	2	2	2
0°	2	2	2	2	2	2	2	2	2	2	2
-1.25°	2	2	2	2	2	2	2	2	2	2	2
-2.5°	2	2	2	2	2	2	2	2	2	2	2
-3.75°	2	2	2	2	2	2	2	2	2	2	2
-5°	2	2	2	2	2	2	2	2	2	2	2
-6.25°	2	2	2	2	2	2	2	2	2	2	2
-7.5°	2	2	2	2	2	2	2	2	2	2	2
-8.75°	2	2	2	2	2	2	2	2	2	2	2
-10°	2	2	2	2	2	2	2	2	2	2	2
-11.25°	2	2	2	2	2	2	2	2	2	2	2
-12.5°	2	2	2	2	2	2	2	2	2	2	2
-13.75°	2	2	2	2	2	2	2	2	2	2	2
-15°	2	2	2	2	2	2	2	2	2	2	2
-16.25°	2	2	2	2	2	2	2	2	2	2	2
-17.5°	2	2	2	2	2	2	2	2	2	2	2
-18.75°	2	2	2	2	2	2	2	2	2	2	2
-20°	2	2	2	2	2	2	2	2	2	2	2
-21.25°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	2	2	2	2	2	2	2	2	2
-23.75°	2	2	2	2	2	2	2	2	2	2	2
-25°	2	2	2	2	2	2	2	2	2	2	2
-26.25°	2	2	2	2	2	2	2	2	2	2	2
-27.5°	2	2	2	2	2	2	2	2	2	2	2
-28.75°	2	2	2	2	2	2	2	2	2	2	2
-30°	1	2	2	2	2	2	2	2	2	2	2
-31.25°	1	2	2	2	2	2	2	2	2	2	2
-32.5°	1	2	2	2	2	2	2	2	2	2	2
-33.75°	1	1	2	2	2	2	2	2	2	2	2
-35°	1	1	2	2	2	2	2	2	2	2	2
-36.25°	1	1	2	2	2	2	2	2	2	2	2
-37.5°	1	1	1	2	2	2	2	2	2	2	2
-38.75°	1	1	1	2	2	2	2	2	2	2	2
-40°	1	1	1	1	2	2	2	2	2	2	2
-41.25°	1	1	1	1	2	2	2	2	2	2	2
-42.5°	1	1	1	1	1	2	2	2	2	2	2
-43.75°	1	1	1	1	1	1	2	2	2	2	2
-45°	1	1	1	1	1	1	2	2	2	2	2
-46.25°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-48.75°	1	1	1	1	1	1	1	1	1	2	2
-50°	1	1	1	1	1	1	1	1	1	1	2
-51.25°	1	1	1	1	1	1	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	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	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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	0	1
-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	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	2
58.75°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	1	1	2	2	2	2	2
56.25°	1	1	1	1	1	2	2	2	2	2	2
55°	1	1	1	2	2	2	2	2	2	2	2
53.75°	1	1	2	2	2	2	2	2	2	2	2
52.5°	1	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	2	2	2	2	2	2	2	2	2	2	2
35°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	2	2	2	2	2	2	2	2	2
32.5°	2	2	2	2	2	2	2	2	2	2	2
31.25°	2	2	2	2	2	2	2	2	2	2	2
30°	2	2	2	2	2	2	2	2	2	2	3
28.75°	2	2	2	2	2	2	2	2	2	3	3
27.5°	2	2	2	2	2	2	2	2	3	3	3
26.25°	2	2	2	2	2	2	2	2	3	3	4
25°	2	2	2	2	2	2	2	3	3	3	4
23.75°	2	2	2	2	2	2	2	3	3	4	4
22.5°	2	2	2	2	2	2	3	3	3	4	4
21.25°	2	2	2	2	2	2	3	3	4	4	4
20°	2	2	2	2	2	3	3	3	4	4	5
18.75°	2	2	2	2	2	3	3	4	4	4	5
17.5°	2	2	2	2	2	3	3	4	4	5	5
16.25°	2	2	2	2	3	3	3	4	4	5	6
15°	2	2	2	2	3	3	4	4	5	5	6
13.75°	2	2	2	2	3	3	4	4	5	5	7
12.5°	2	2	2	2	3	3	4	4	5	6	7
11.25°	2	2	2	3	3	4	4	4	5	6	8
10°	2	2	2	3	3	4	4	5	5	7	8
8.75°	2	2	2	3	3	4	4	5	5	7	8
7.5°	2	2	2	3	3	4	4	5	6	7	9
6.25°	2	2	2	3	3	4	4	5	6	7	9
5°	2	2	2	3	3	4	4	5	6	8	9
3.75°	2	2	2	3	3	4	4	5	6	8	9
2.5°	2	2	2	3	3	4	4	5	6	8	9
1.25°	2	2	2	3	3	4	4	5	6	8	9
0°	2	2	3	3	4	4	5	5	6	8	9
-1.25°	2	2	2	3	3	4	4	5	6	8	9
-2.5°	2	2	2	3	3	4	4	5	6	8	9
-3.75°	2	2	2	3	3	4	4	5	6	8	9
-5°	2	2	2	3	3	4	4	5	6	8	9
-6.25°	2	2	2	3	3	4	4	5	6	7	9
-7.5°	2	2	2	3	3	4	4	5	6	7	9
-8.75°	2	2	2	3	3	4	4	5	5	7	8
-10°	2	2	2	3	3	4	4	5	5	7	8
-11.25°	2	2	2	3	3	4	4	4	5	6	8
-12.5°	2	2	2	2	3	3	4	4	5	6	7
-13.75°	2	2	2	2	3	3	4	4	5	5	7
-15°	2	2	2	2	3	3	4	4	5	5	6
-16.25°	2	2	2	2	3	3	3	4	4	5	6
-17.5°	2	2	2	2	2	3	3	4	4	5	5
-18.75°	2	2	2	2	2	3	3	4	4	4	5
-20°	2	2	2	2	2	3	3	3	4	4	5
-21.25°	2	2	2	2	2	2	3	3	4	4	4



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	2	2	2	2	3	3	3	4	4
-23.75°	2	2	2	2	2	2	2	3	3	4	4
-25°	2	2	2	2	2	2	2	3	3	3	4
-26.25°	2	2	2	2	2	2	2	2	3	3	4
-27.5°	2	2	2	2	2	2	2	2	3	3	3
-28.75°	2	2	2	2	2	2	2	2	2	3	3
-30°	2	2	2	2	2	2	2	2	2	2	3
-31.25°	2	2	2	2	2	2	2	2	2	2	2
-32.5°	2	2	2	2	2	2	2	2	2	2	2
-33.75°	2	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	2
-36.25°	2	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	1	2	2	2	2	2	2	2	2	2	2
-53.75°	1	1	2	2	2	2	2	2	2	2	2
-55°	1	1	1	2	2	2	2	2	2	2	2
-56.25°	1	1	1	1	1	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	2	2	2	2	2
-58.75°	1	1	1	1	1	1	1	1	2	2	2
-60°	1	1	1	1	1	1	1	1	1	1	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°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	1	1	1	1	1	1	1
-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	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	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	3
40°	2	2	2	2	2	2	2	2	3	3	3
38.75°	2	2	2	2	2	2	3	3	3	3	3
37.5°	2	2	2	2	2	3	3	3	3	4	4
36.25°	2	2	2	2	3	3	3	4	4	4	4
35°	2	2	2	3	3	3	4	4	4	4	5



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	3	3	3	4	4	4	5	5	5
32.5°	2	3	3	3	4	4	4	5	5	6	6
31.25°	3	3	3	4	4	4	5	5	6	7	8
30°	3	3	4	4	4	5	5	6	7	8	9
28.75°	3	4	4	4	5	5	6	7	8	9	10
27.5°	4	4	4	5	5	6	7	8	9	10	11
26.25°	4	4	5	5	6	7	8	9	10	11	14
25°	4	5	5	6	7	8	9	10	12	14	16
23.75°	4	5	6	7	8	9	10	11	14	16	21
22.5°	5	5	6	8	9	10	11	14	16	21	34
21.25°	5	6	7	8	9	11	13	16	20	33	46
20°	5	7	8	9	10	12	15	18	31	45	62
18.75°	6	7	8	10	11	14	17	27	42	57	85
17.5°	7	8	9	10	13	16	22	37	52	78	115
16.25°	7	8	10	11	14	17	31	46	68	104	148
15°	8	9	10	13	16	23	39	55	88	131	182
13.75°	8	10	11	14	17	31	47	72	111	161	218
12.5°	9	10	12	15	21	38	54	89	135	191	253
11.25°	9	10	13	16	27	44	68	108	160	220	286
10°	9	11	14	17	33	50	80	126	183	248	320
8.75°	10	12	15	20	38	56	94	145	206	274	351
7.5°	10	12	16	24	42	65	107	161	226	298	379
6.25°	10	13	16	28	46	73	118	176	245	320	403
5°	11	13	17	31	49	80	128	190	260	339	424
3.75°	11	14	17	33	51	85	137	200	272	353	441
2.5°	11	14	18	35	53	90	143	208	280	364	453
1.25°	11	14	18	36	54	93	147	213	286	370	460
0°	11	14	18	36	55	94	148	214	287	372	463
-1.25°	11	14	18	36	54	93	147	213	286	370	460
-2.5°	11	14	18	35	53	90	143	208	280	364	453
-3.75°	11	14	17	33	51	85	137	200	272	353	441
-5°	11	13	17	31	49	80	128	190	260	339	424
-6.25°	10	13	16	28	46	73	118	176	245	320	403
-7.5°	10	12	16	24	42	65	107	161	226	298	379
-8.75°	10	12	15	20	38	56	94	145	206	274	351
-10°	9	11	14	17	33	50	80	126	183	248	320
-11.25°	9	10	13	16	27	44	68	108	160	220	286
-12.5°	9	10	12	15	21	38	54	89	135	191	253
-13.75°	8	10	11	14	17	31	47	72	111	161	218
-15°	8	9	10	13	16	23	39	55	88	131	182
-16.25°	7	8	10	11	14	17	31	46	68	104	148
-17.5°	7	8	9	10	13	16	22	37	52	78	115
-18.75°	6	7	8	10	11	14	17	27	42	57	85
-20°	5	7	8	9	10	12	15	18	31	45	62
-21.25°	5	6	7	8	9	11	13	16	20	33	46



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	5	5	6	8	9	10	11	14	16	21	34
-23.75°	4	5	6	7	8	9	10	11	14	16	21
-25°	4	5	5	6	7	8	9	10	12	14	16
-26.25°	4	4	5	5	6	7	8	9	10	11	14
-27.5°	4	4	4	5	5	6	7	8	9	10	11
-28.75°	3	4	4	4	5	5	6	7	8	9	10
-30°	3	3	4	4	4	5	5	6	7	8	9
-31.25°	3	3	3	4	4	4	5	5	6	7	8
-32.5°	2	3	3	3	4	4	4	5	5	6	6
-33.75°	2	2	3	3	3	4	4	4	5	5	5
-35°	2	2	2	3	3	3	4	4	4	4	5
-36.25°	2	2	2	2	3	3	3	4	4	4	4
-37.5°	2	2	2	2	2	3	3	3	3	4	4
-38.75°	2	2	2	2	2	2	3	3	3	3	3
-40°	2	2	2	2	2	2	2	2	3	3	3
-41.25°	2	2	2	2	2	2	2	2	2	2	3
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	1	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	1	1	1	1	1	1	1	1	1
-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	3	3	3
43.75°	2	2	2	2	3	3	3	3	3	3	3
42.5°	2	3	3	3	3	3	3	3	4	4	4
41.25°	3	3	3	3	3	4	4	4	4	4	4
40°	3	3	4	4	4	4	4	4	4	5	5
38.75°	4	4	4	4	4	5	5	5	5	5	5
37.5°	4	4	4	5	5	5	5	6	6	7	7
36.25°	4	5	5	5	6	6	7	7	8	8	8
35°	5	5	6	7	7	8	8	9	9	9	10



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	6	7	7	8	8	9	10	10	10	11	12
32.5°	7	8	8	9	10	10	11	12	13	14	15
31.25°	8	9	10	10	11	13	14	15	16	17	20
30°	9	10	11	13	14	16	17	21	27	33	38
28.75°	11	12	14	16	17	23	31	38	44	50	56
27.5°	13	15	17	22	31	39	47	54	68	80	94
26.25°	16	18	27	37	46	55	72	89	108	126	145
25°	20	31	42	52	68	88	111	135	160	183	206
23.75°	33	45	57	78	104	131	161	191	220	248	274
22.5°	46	62	85	115	148	182	218	253	286	320	351
21.25°	63	90	122	159	199	239	279	321	360	398	432
20°	90	124	165	209	254	300	347	394	438	480	519
18.75°	122	165	213	262	313	366	418	470	519	565	607
17.5°	159	209	262	318	375	433	491	548	601	650	696
16.25°	199	254	313	375	438	502	565	625	682	737	789
15°	239	300	366	433	502	571	637	702	765	826	884
13.75°	279	347	418	491	565	637	709	780	850	918	983
12.5°	321	394	470	548	625	702	780	858	936	1011	1084
11.25°	360	438	519	601	682	765	850	936	1021	1105	1188
10°	398	480	565	650	737	826	918	1011	1105	1200	1288
8.75°	432	519	607	696	789	884	983	1084	1188	1288	1378
7.5°	465	554	645	738	836	938	1044	1154	1264	1366	1464
6.25°	492	584	678	776	879	986	1098	1216	1330	1436	1543
5°	516	610	706	807	914	1027	1147	1269	1383	1499	1612
3.75°	534	630	729	833	944	1061	1186	1311	1428	1550	1670
2.5°	548	644	745	852	966	1086	1214	1340	1462	1588	1713
1.25°	556	653	755	864	979	1101	1231	1358	1483	1612	1739
0°	558	656	759	868	983	1106	1237	1364	1490	1620	1748
-1.25°	556	653	755	864	979	1101	1231	1358	1483	1612	1739
-2.5°	548	644	745	852	966	1086	1214	1340	1462	1588	1713
-3.75°	534	630	729	833	944	1061	1186	1311	1428	1550	1670
-5°	516	610	706	807	914	1027	1147	1269	1383	1499	1612
-6.25°	492	584	678	776	879	986	1098	1216	1330	1436	1543
-7.5°	465	554	645	738	836	938	1044	1154	1264	1366	1464
-8.75°	432	519	607	696	789	884	983	1084	1188	1288	1378
-10°	398	480	565	650	737	826	918	1011	1105	1200	1288
-11.25°	360	438	519	601	682	765	850	936	1021	1105	1188
-12.5°	321	394	470	548	625	702	780	858	936	1011	1084
-13.75°	279	347	418	491	565	637	709	780	850	918	983
-15°	239	300	366	433	502	571	637	702	765	826	884
-16.25°	199	254	313	375	438	502	565	625	682	737	789
-17.5°	159	209	262	318	375	433	491	548	601	650	696
-18.75°	122	165	213	262	313	366	418	470	519	565	607
-20°	90	124	165	209	254	300	347	394	438	480	519
-21.25°	63	90	122	159	199	239	279	321	360	398	432



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	46	62	85	115	148	182	218	253	286	320	351
-23.75°	33	45	57	78	104	131	161	191	220	248	274
-25°	20	31	42	52	68	88	111	135	160	183	206
-26.25°	16	18	27	37	46	55	72	89	108	126	145
-27.5°	13	15	17	22	31	39	47	54	68	80	94
-28.75°	11	12	14	16	17	23	31	38	44	50	56
-30°	9	10	11	13	14	16	17	21	27	33	38
-31.25°	8	9	10	10	11	13	14	15	16	17	20
-32.5°	7	8	8	9	10	10	11	12	13	14	15
-33.75°	6	7	7	8	8	9	10	10	10	11	12
-35°	5	5	6	7	7	8	8	9	9	9	10
-36.25°	4	5	5	5	6	6	7	7	8	8	8
-37.5°	4	4	4	5	5	5	5	6	6	7	7
-38.75°	4	4	4	4	4	5	5	5	5	5	5
-40°	3	3	4	4	4	4	4	4	4	5	5
-41.25°	3	3	3	3	3	4	4	4	4	4	4
-42.5°	2	3	3	3	3	3	3	3	4	4	4
-43.75°	2	2	2	2	3	3	3	3	3	3	3
-45°	2	2	2	2	2	2	2	2	3	3	3
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	2	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	3	2	2	2	2
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	4	3	3	3	3
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	5	4	4	4	4
40°	5	5	5	5	5	5	5	5	5	5	5
38.75°	6	6	6	6	6	6	6	6	6	6	6
37.5°	7	7	8	8	8	8	8	8	8	8	8
36.25°	9	9	9	9	9	9	9	9	9	9	9
35°	10	10	11	11	11	11	11	11	11	11	11



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	12	13	13	14	14	14	14	14	14	14	13
32.5°	16	16	17	17	18	18	18	18	18	17	17
31.25°	24	28	31	33	35	36	36	36	35	33	31
30°	42	46	49	51	53	54	55	54	53	51	49
28.75°	65	73	80	85	90	93	94	93	90	85	80
27.5°	107	118	128	137	143	147	148	147	143	137	128
26.25°	161	176	190	200	208	213	214	213	208	200	190
25°	226	245	260	272	280	286	287	286	280	272	260
23.75°	298	320	339	353	364	370	372	370	364	353	339
22.5°	379	403	424	441	453	460	463	460	453	441	424
21.25°	465	492	516	534	548	556	558	556	548	534	516
20°	554	584	610	630	644	653	656	653	644	630	610
18.75°	645	678	706	729	745	755	759	755	745	729	706
17.5°	738	776	807	833	852	864	868	864	852	833	807
16.25°	836	879	914	944	966	979	983	979	966	944	914
15°	938	986	1027	1061	1086	1101	1106	1101	1086	1061	1027
13.75°	1044	1098	1147	1186	1214	1231	1237	1231	1214	1186	1147
12.5°	1154	1216	1269	1311	1340	1358	1364	1358	1340	1311	1269
11.25°	1264	1330	1383	1428	1462	1483	1490	1483	1462	1428	1383
10°	1366	1436	1499	1550	1588	1612	1620	1612	1588	1550	1499
8.75°	1464	1543	1612	1670	1713	1739	1748	1739	1713	1670	1612
7.5°	1559	1645	1722	1785	1833	1862	1872	1862	1833	1785	1722
6.25°	1645	1740	1824	1892	1942	1972	1982	1972	1942	1892	1824
5°	1722	1824	1913	1983	2033	2065	2076	2065	2033	1983	1913
3.75°	1785	1892	1983	2054	2103	2133	2141	2133	2103	2054	1983
2.5°	1833	1942	2033	2103	2150	2177	2184	2177	2150	2103	2033
1.25°	1862	1972	2065	2133	2177	2200	2207	2200	2177	2133	2065
0°	1872	1982	2076	2141	2184	2207	2223	2207	2184	2141	2076
-1.25°	1862	1972	2065	2133	2177	2200	2207	2200	2177	2133	2065
-2.5°	1833	1942	2033	2103	2150	2177	2184	2177	2150	2103	2033
-3.75°	1785	1892	1983	2054	2103	2133	2141	2133	2103	2054	1983
-5°	1722	1824	1913	1983	2033	2065	2076	2065	2033	1983	1913
-6.25°	1645	1740	1824	1892	1942	1972	1982	1972	1942	1892	1824
-7.5°	1559	1645	1722	1785	1833	1862	1872	1862	1833	1785	1722
-8.75°	1464	1543	1612	1670	1713	1739	1748	1739	1713	1670	1612
-10°	1366	1436	1499	1550	1588	1612	1620	1612	1588	1550	1499
-11.25°	1264	1330	1383	1428	1462	1483	1490	1483	1462	1428	1383
-12.5°	1154	1216	1269	1311	1340	1358	1364	1358	1340	1311	1269
-13.75°	1044	1098	1147	1186	1214	1231	1237	1231	1214	1186	1147
-15°	938	986	1027	1061	1086	1101	1106	1101	1086	1061	1027
-16.25°	836	879	914	944	966	979	983	979	966	944	914
-17.5°	738	776	807	833	852	864	868	864	852	833	807
-18.75°	645	678	706	729	745	755	759	755	745	729	706
-20°	554	584	610	630	644	653	656	653	644	630	610
-21.25°	465	492	516	534	548	556	558	556	548	534	516



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	379	403	424	441	453	460	463	460	453	441	424
-23.75°	298	320	339	353	364	370	372	370	364	353	339
-25°	226	245	260	272	280	286	287	286	280	272	260
-26.25°	161	176	190	200	208	213	214	213	208	200	190
-27.5°	107	118	128	137	143	147	148	147	143	137	128
-28.75°	65	73	80	85	90	93	94	93	90	85	80
-30°	42	46	49	51	53	54	55	54	53	51	49
-31.25°	24	28	31	33	35	36	36	36	35	33	31
-32.5°	16	16	17	17	18	18	18	18	18	17	17
-33.75°	12	13	13	14	14	14	14	14	14	14	13
-35°	10	10	11	11	11	11	11	11	11	11	11
-36.25°	9	9	9	9	9	9	9	9	9	9	9
-37.5°	7	7	8	8	8	8	8	8	8	8	8
-38.75°	6	6	6	6	6	6	6	6	6	6	6
-40°	5	5	5	5	5	5	5	5	5	5	5
-41.25°	4	4	4	4	4	4	5	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	3	3	3	3	3	3	4	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	2	2	2	2	2	2	3	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	2	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	1	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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	1
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	3	3	3	3	3	2	2	2	2	2	2
43.75°	3	3	3	3	3	3	3	3	3	2	2
42.5°	4	4	4	4	4	3	3	3	3	3	3
41.25°	4	4	4	4	4	4	4	4	3	3	3
40°	5	5	5	5	4	4	4	4	4	4	4
38.75°	6	6	5	5	5	5	5	5	4	4	4
37.5°	7	7	7	7	6	6	5	5	5	5	4
36.25°	9	9	8	8	8	7	7	6	6	5	5
35°	10	10	10	9	9	9	8	8	7	7	6



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	13	12	12	11	10	10	10	9	8	8	7
32.5°	16	16	15	14	13	12	11	10	10	9	8
31.25°	28	24	20	17	16	15	14	13	11	10	10
30°	46	42	38	33	27	21	17	16	14	13	11
28.75°	73	65	56	50	44	38	31	23	17	16	14
27.5°	118	107	94	80	68	54	47	39	31	22	17
26.25°	176	161	145	126	108	89	72	55	46	37	27
25°	245	226	206	183	160	135	111	88	68	52	42
23.75°	320	298	274	248	220	191	161	131	104	78	57
22.5°	403	379	351	320	286	253	218	182	148	115	85
21.25°	492	465	432	398	360	321	279	239	199	159	122
20°	584	554	519	480	438	394	347	300	254	209	165
18.75°	678	645	607	565	519	470	418	366	313	262	213
17.5°	776	738	696	650	601	548	491	433	375	318	262
16.25°	879	836	789	737	682	625	565	502	438	375	313
15°	986	938	884	826	765	702	637	571	502	433	366
13.75°	1098	1044	983	918	850	780	709	637	565	491	418
12.5°	1216	1154	1084	1011	936	858	780	702	625	548	470
11.25°	1330	1264	1188	1105	1021	936	850	765	682	601	519
10°	1436	1366	1288	1200	1105	1011	918	826	737	650	565
8.75°	1543	1464	1378	1288	1188	1084	983	884	789	696	607
7.5°	1645	1559	1464	1366	1264	1154	1044	938	836	738	645
6.25°	1740	1645	1543	1436	1330	1216	1098	986	879	776	678
5°	1824	1722	1612	1499	1383	1269	1147	1027	914	807	706
3.75°	1892	1785	1670	1550	1428	1311	1186	1061	944	833	729
2.5°	1942	1833	1713	1588	1462	1340	1214	1086	966	852	745
1.25°	1972	1862	1739	1612	1483	1358	1231	1101	979	864	755
0°	1982	1872	1748	1620	1490	1364	1237	1106	983	868	759
-1.25°	1972	1862	1739	1612	1483	1358	1231	1101	979	864	755
-2.5°	1942	1833	1713	1588	1462	1340	1214	1086	966	852	745
-3.75°	1892	1785	1670	1550	1428	1311	1186	1061	944	833	729
-5°	1824	1722	1612	1499	1383	1269	1147	1027	914	807	706
-6.25°	1740	1645	1543	1436	1330	1216	1098	986	879	776	678
-7.5°	1645	1559	1464	1366	1264	1154	1044	938	836	738	645
-8.75°	1543	1464	1378	1288	1188	1084	983	884	789	696	607
-10°	1436	1366	1288	1200	1105	1011	918	826	737	650	565
-11.25°	1330	1264	1188	1105	1021	936	850	765	682	601	519
-12.5°	1216	1154	1084	1011	936	858	780	702	625	548	470
-13.75°	1098	1044	983	918	850	780	709	637	565	491	418
-15°	986	938	884	826	765	702	637	571	502	433	366
-16.25°	879	836	789	737	682	625	565	502	438	375	313
-17.5°	776	738	696	650	601	548	491	433	375	318	262
-18.75°	678	645	607	565	519	470	418	366	313	262	213
-20°	584	554	519	480	438	394	347	300	254	209	165
-21.25°	492	465	432	398	360	321	279	239	199	159	122



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	403	379	351	320	286	253	218	182	148	115	85
-23.75°	320	298	274	248	220	191	161	131	104	78	57
-25°	245	226	206	183	160	135	111	88	68	52	42
-26.25°	176	161	145	126	108	89	72	55	46	37	27
-27.5°	118	107	94	80	68	54	47	39	31	22	17
-28.75°	73	65	56	50	44	38	31	23	17	16	14
-30°	46	42	38	33	27	21	17	16	14	13	11
-31.25°	28	24	20	17	16	15	14	13	11	10	10
-32.5°	16	16	15	14	13	12	11	10	10	9	8
-33.75°	13	12	12	11	10	10	10	9	8	8	7
-35°	10	10	10	9	9	9	8	8	7	7	6
-36.25°	9	9	8	8	8	7	7	6	6	5	5
-37.5°	7	7	7	7	6	6	5	5	5	5	4
-38.75°	6	6	5	5	5	5	5	5	4	4	4
-40°	5	5	5	5	4	4	4	4	4	4	4
-41.25°	4	4	4	4	4	4	4	4	3	3	3
-42.5°	4	4	4	4	4	3	3	3	3	3	3
-43.75°	3	3	3	3	3	3	3	3	3	2	2
-45°	3	3	3	3	3	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	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°	2	2	2	2	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	3	2	2	2	2	2	2	2	2	2	2
41.25°	3	3	3	2	2	2	2	2	2	2	2
40°	3	3	3	3	3	2	2	2	2	2	2
38.75°	4	4	3	3	3	3	3	2	2	2	2
37.5°	4	4	4	4	3	3	3	3	2	2	2
36.25°	5	4	4	4	4	4	3	3	3	2	2
35°	5	5	5	4	4	4	4	3	3	3	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	7	6	5	5	5	4	4	4	3	3	3
32.5°	8	7	6	6	5	5	4	4	4	3	3
31.25°	9	8	8	7	6	5	5	4	4	4	3
30°	10	9	9	8	7	6	5	5	4	4	4
28.75°	12	11	10	9	8	7	6	5	5	4	4
27.5°	15	13	11	10	9	8	7	6	5	5	4
26.25°	18	16	14	11	10	9	8	7	6	5	5
25°	31	20	16	14	12	10	9	8	7	6	5
23.75°	45	33	21	16	14	11	10	9	8	7	6
22.5°	62	46	34	21	16	14	11	10	9	8	6
21.25°	90	63	46	33	20	16	13	11	9	8	7
20°	124	90	62	45	31	18	15	12	10	9	8
18.75°	165	122	85	57	42	27	17	14	11	10	8
17.5°	209	159	115	78	52	37	22	16	13	10	9
16.25°	254	199	148	104	68	46	31	17	14	11	10
15°	300	239	182	131	88	55	39	23	16	13	10
13.75°	347	279	218	161	111	72	47	31	17	14	11
12.5°	394	321	253	191	135	89	54	38	21	15	12
11.25°	438	360	286	220	160	108	68	44	27	16	13
10°	480	398	320	248	183	126	80	50	33	17	14
8.75°	519	432	351	274	206	145	94	56	38	20	15
7.5°	554	465	379	298	226	161	107	65	42	24	16
6.25°	584	492	403	320	245	176	118	73	46	28	16
5°	610	516	424	339	260	190	128	80	49	31	17
3.75°	630	534	441	353	272	200	137	85	51	33	17
2.5°	644	548	453	364	280	208	143	90	53	35	18
1.25°	653	556	460	370	286	213	147	93	54	36	18
0°	656	558	463	372	287	214	148	94	55	36	18
-1.25°	653	556	460	370	286	213	147	93	54	36	18
-2.5°	644	548	453	364	280	208	143	90	53	35	18
-3.75°	630	534	441	353	272	200	137	85	51	33	17
-5°	610	516	424	339	260	190	128	80	49	31	17
-6.25°	584	492	403	320	245	176	118	73	46	28	16
-7.5°	554	465	379	298	226	161	107	65	42	24	16
-8.75°	519	432	351	274	206	145	94	56	38	20	15
-10°	480	398	320	248	183	126	80	50	33	17	14
-11.25°	438	360	286	220	160	108	68	44	27	16	13
-12.5°	394	321	253	191	135	89	54	38	21	15	12
-13.75°	347	279	218	161	111	72	47	31	17	14	11
-15°	300	239	182	131	88	55	39	23	16	13	10
-16.25°	254	199	148	104	68	46	31	17	14	11	10
-17.5°	209	159	115	78	52	37	22	16	13	10	9
-18.75°	165	122	85	57	42	27	17	14	11	10	8
-20°	124	90	62	45	31	18	15	12	10	9	8
-21.25°	90	63	46	33	20	16	13	11	9	8	7



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	62	46	34	21	16	14	11	10	9	8	6
-23.75°	45	33	21	16	14	11	10	9	8	7	6
-25°	31	20	16	14	12	10	9	8	7	6	5
-26.25°	18	16	14	11	10	9	8	7	6	5	5
-27.5°	15	13	11	10	9	8	7	6	5	5	4
-28.75°	12	11	10	9	8	7	6	5	5	4	4
-30°	10	9	9	8	7	6	5	5	4	4	4
-31.25°	9	8	8	7	6	5	5	4	4	4	3
-32.5°	8	7	6	6	5	5	4	4	4	3	3
-33.75°	7	6	5	5	5	4	4	4	3	3	3
-35°	5	5	5	4	4	4	4	3	3	3	2
-36.25°	5	4	4	4	4	4	3	3	3	2	2
-37.5°	4	4	4	4	3	3	3	3	2	2	2
-38.75°	4	4	3	3	3	3	3	2	2	2	2
-40°	3	3	3	3	3	2	2	2	2	2	2
-41.25°	3	3	3	2	2	2	2	2	2	2	2
-42.5°	3	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	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	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	2	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	1	1	1	1
56.25°	2	2	2	2	2	2	2	2	1	1	1
55°	2	2	2	2	2	2	2	2	2	2	1
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	2	2	2	2	2	2	2	2	2	2	2
35°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	2	2	2	2	2	2	2	2	2
32.5°	3	2	2	2	2	2	2	2	2	2	2
31.25°	3	3	2	2	2	2	2	2	2	2	2
30°	3	3	3	2	2	2	2	2	2	2	2
28.75°	4	3	3	3	2	2	2	2	2	2	2
27.5°	4	4	3	3	3	2	2	2	2	2	2
26.25°	4	4	4	3	3	2	2	2	2	2	2
25°	5	4	4	3	3	3	2	2	2	2	2
23.75°	5	4	4	4	3	3	2	2	2	2	2
22.5°	5	5	4	4	3	3	3	2	2	2	2
21.25°	6	5	4	4	4	3	3	2	2	2	2
20°	7	5	5	4	4	3	3	3	2	2	2
18.75°	7	6	5	4	4	4	3	3	2	2	2
17.5°	8	7	5	5	4	4	3	3	2	2	2
16.25°	8	7	6	5	4	4	3	3	3	2	2
15°	9	8	6	5	5	4	4	3	3	2	2
13.75°	10	8	7	5	5	4	4	3	3	2	2
12.5°	10	9	7	6	5	4	4	3	3	2	2
11.25°	10	9	8	6	5	4	4	4	3	3	2
10°	11	9	8	7	5	5	4	4	3	3	2
8.75°	12	10	8	7	5	5	4	4	3	3	2
7.5°	12	10	9	7	6	5	4	4	3	3	2
6.25°	13	10	9	7	6	5	4	4	3	3	2
5°	13	11	9	8	6	5	4	4	3	3	2
3.75°	14	11	9	8	6	5	4	4	3	3	2
2.5°	14	11	9	8	6	5	4	4	3	3	2
1.25°	14	11	9	8	6	5	4	4	3	3	2
0°	14	11	9	8	6	5	5	4	4	3	3
-1.25°	14	11	9	8	6	5	4	4	3	3	2
-2.5°	14	11	9	8	6	5	4	4	3	3	2
-3.75°	14	11	9	8	6	5	4	4	3	3	2
-5°	13	11	9	8	6	5	4	4	3	3	2
-6.25°	13	10	9	7	6	5	4	4	3	3	2
-7.5°	12	10	9	7	6	5	4	4	3	3	2
-8.75°	12	10	8	7	5	5	4	4	3	3	2
-10°	11	9	8	7	5	5	4	4	3	3	2
-11.25°	10	9	8	6	5	4	4	4	3	3	2
-12.5°	10	9	7	6	5	4	4	3	3	2	2
-13.75°	10	8	7	5	5	4	4	3	3	2	2
-15°	9	8	6	5	5	4	4	3	3	2	2
-16.25°	8	7	6	5	4	4	3	3	3	2	2
-17.5°	8	7	5	5	4	4	3	3	2	2	2
-18.75°	7	6	5	4	4	4	3	3	2	2	2
-20°	7	5	5	4	4	3	3	3	2	2	2
-21.25°	6	5	4	4	4	3	3	2	2	2	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	5	5	4	4	3	3	3	2	2	2	2
-23.75°	5	4	4	4	3	3	2	2	2	2	2
-25°	5	4	4	3	3	3	2	2	2	2	2
-26.25°	4	4	4	3	3	2	2	2	2	2	2
-27.5°	4	4	3	3	3	2	2	2	2	2	2
-28.75°	4	3	3	3	2	2	2	2	2	2	2
-30°	3	3	3	2	2	2	2	2	2	2	2
-31.25°	3	3	2	2	2	2	2	2	2	2	2
-32.5°	3	2	2	2	2	2	2	2	2	2	2
-33.75°	2	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	2
-36.25°	2	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	1
-56.25°	2	2	2	2	2	2	2	2	1	1	1
-57.5°	2	2	2	2	2	2	2	1	1	1	1
-58.75°	2	2	2	2	2	1	1	1	1	1	1
-60°	2	2	2	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	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	1	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	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	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°	2	1	1	1	1	1	1	1	1	1	1
51.25°	2	2	1	1	1	1	1	1	1	1	1
50°	2	2	2	1	1	1	1	1	1	1	1
48.75°	2	2	2	2	1	1	1	1	1	1	1
47.5°	2	2	2	2	2	1	1	1	1	1	1
46.25°	2	2	2	2	2	2	1	1	1	1	1
45°	2	2	2	2	2	2	2	1	1	1	1
43.75°	2	2	2	2	2	2	2	1	1	1	1
42.5°	2	2	2	2	2	2	2	2	1	1	1
41.25°	2	2	2	2	2	2	2	2	2	1	1
40°	2	2	2	2	2	2	2	2	2	1	1
38.75°	2	2	2	2	2	2	2	2	2	2	1
37.5°	2	2	2	2	2	2	2	2	2	2	1
36.25°	2	2	2	2	2	2	2	2	2	2	2
35°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	2	2	2	2	2	2	2	2	2
32.5°	2	2	2	2	2	2	2	2	2	2	2
31.25°	2	2	2	2	2	2	2	2	2	2	2
30°	2	2	2	2	2	2	2	2	2	2	2
28.75°	2	2	2	2	2	2	2	2	2	2	2
27.5°	2	2	2	2	2	2	2	2	2	2	2
26.25°	2	2	2	2	2	2	2	2	2	2	2
25°	2	2	2	2	2	2	2	2	2	2	2
23.75°	2	2	2	2	2	2	2	2	2	2	2
22.5°	2	2	2	2	2	2	2	2	2	2	2
21.25°	2	2	2	2	2	2	2	2	2	2	2
20°	2	2	2	2	2	2	2	2	2	2	2
18.75°	2	2	2	2	2	2	2	2	2	2	2
17.5°	2	2	2	2	2	2	2	2	2	2	2
16.25°	2	2	2	2	2	2	2	2	2	2	2
15°	2	2	2	2	2	2	2	2	2	2	2
13.75°	2	2	2	2	2	2	2	2	2	2	2
12.5°	2	2	2	2	2	2	2	2	2	2	2
11.25°	2	2	2	2	2	2	2	2	2	2	2
10°	2	2	2	2	2	2	2	2	2	2	2
8.75°	2	2	2	2	2	2	2	2	2	2	2
7.5°	2	2	2	2	2	2	2	2	2	2	2
6.25°	2	2	2	2	2	2	2	2	2	2	2
5°	2	2	2	2	2	2	2	2	2	2	2
3.75°	2	2	2	2	2	2	2	2	2	2	2
2.5°	2	2	2	2	2	2	2	2	2	2	2
1.25°	2	2	2	2	2	2	2	2	2	2	2
0°	2	2	2	2	2	2	2	2	2	2	2
-1.25°	2	2	2	2	2	2	2	2	2	2	2
-2.5°	2	2	2	2	2	2	2	2	2	2	2
-3.75°	2	2	2	2	2	2	2	2	2	2	2
-5°	2	2	2	2	2	2	2	2	2	2	2
-6.25°	2	2	2	2	2	2	2	2	2	2	2
-7.5°	2	2	2	2	2	2	2	2	2	2	2
-8.75°	2	2	2	2	2	2	2	2	2	2	2
-10°	2	2	2	2	2	2	2	2	2	2	2
-11.25°	2	2	2	2	2	2	2	2	2	2	2
-12.5°	2	2	2	2	2	2	2	2	2	2	2
-13.75°	2	2	2	2	2	2	2	2	2	2	2
-15°	2	2	2	2	2	2	2	2	2	2	2
-16.25°	2	2	2	2	2	2	2	2	2	2	2
-17.5°	2	2	2	2	2	2	2	2	2	2	2
-18.75°	2	2	2	2	2	2	2	2	2	2	2
-20°	2	2	2	2	2	2	2	2	2	2	2
-21.25°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	2	2	2	2	2	2	2	2	2
-23.75°	2	2	2	2	2	2	2	2	2	2	2
-25°	2	2	2	2	2	2	2	2	2	2	2
-26.25°	2	2	2	2	2	2	2	2	2	2	2
-27.5°	2	2	2	2	2	2	2	2	2	2	2
-28.75°	2	2	2	2	2	2	2	2	2	2	2
-30°	2	2	2	2	2	2	2	2	2	2	2
-31.25°	2	2	2	2	2	2	2	2	2	2	2
-32.5°	2	2	2	2	2	2	2	2	2	2	2
-33.75°	2	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	2
-36.25°	2	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	1
-38.75°	2	2	2	2	2	2	2	2	2	2	1
-40°	2	2	2	2	2	2	2	2	2	1	1
-41.25°	2	2	2	2	2	2	2	2	2	1	1
-42.5°	2	2	2	2	2	2	2	2	1	1	1
-43.75°	2	2	2	2	2	2	2	1	1	1	1
-45°	2	2	2	2	2	2	2	1	1	1	1
-46.25°	2	2	2	2	2	2	1	1	1	1	1
-47.5°	2	2	2	2	2	1	1	1	1	1	1
-48.75°	2	2	2	2	1	1	1	1	1	1	1
-50°	2	2	2	1	1	1	1	1	1	1	1
-51.25°	2	2	1	1	1	1	1	1	1	1	1
-52.5°	2	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	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	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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	0



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	1	0	0	0	0
-80°	1	1	1	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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	0	0	0	0	0	0	0
73.75°	1	1	1	1	1	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	0	0	0
70°	1	1	1	1	1	1	1	1	1	0	0
68.75°	1	1	1	1	1	1	1	1	1	1	0
67.5°	1	1	1	1	1	1	1	1	1	1	0
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	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	1	1
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°	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°	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	1
40°	1	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	1	1	1	1	1	1	1	1	1	1	1
36.25°	1	1	1	1	1	1	1	1	1	1	1
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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	1	1	1	1	1	1
32.5°	2	1	1	1	1	1	1	1	1	1	1
31.25°	2	1	1	1	1	1	1	1	1	1	1
30°	2	1	1	1	1	1	1	1	1	1	1
28.75°	2	2	1	1	1	1	1	1	1	1	1
27.5°	2	2	1	1	1	1	1	1	1	1	1
26.25°	2	2	1	1	1	1	1	1	1	1	1
25°	2	2	1	1	1	1	1	1	1	1	1
23.75°	2	2	2	1	1	1	1	1	1	1	1
22.5°	2	2	2	1	1	1	1	1	1	1	1
21.25°	2	2	2	1	1	1	1	1	1	1	1
20°	2	2	2	1	1	1	1	1	1	1	1
18.75°	2	2	2	1	1	1	1	1	1	1	1
17.5°	2	2	2	2	1	1	1	1	1	1	1
16.25°	2	2	2	2	1	1	1	1	1	1	1
15°	2	2	2	2	1	1	1	1	1	1	1
13.75°	2	2	2	2	1	1	1	1	1	1	1
12.5°	2	2	2	2	1	1	1	1	1	1	1
11.25°	2	2	2	2	1	1	1	1	1	1	1
10°	2	2	2	2	1	1	1	1	1	1	1
8.75°	2	2	2	2	1	1	1	1	1	1	1
7.5°	2	2	2	2	1	1	1	1	1	1	1
6.25°	2	2	2	2	1	1	1	1	1	1	1
5°	2	2	2	2	1	1	1	1	1	1	1
3.75°	2	2	2	2	1	1	1	1	1	1	1
2.5°	2	2	2	2	1	1	1	1	1	1	1
1.25°	2	2	2	2	1	1	1	1	1	1	1
0°	2	2	2	2	2	1	1	1	1	1	1
-1.25°	2	2	2	2	1	1	1	1	1	1	1
-2.5°	2	2	2	2	1	1	1	1	1	1	1
-3.75°	2	2	2	2	1	1	1	1	1	1	1
-5°	2	2	2	2	1	1	1	1	1	1	1
-6.25°	2	2	2	2	1	1	1	1	1	1	1
-7.5°	2	2	2	2	1	1	1	1	1	1	1
-8.75°	2	2	2	2	1	1	1	1	1	1	1
-10°	2	2	2	2	1	1	1	1	1	1	1
-11.25°	2	2	2	2	1	1	1	1	1	1	1
-12.5°	2	2	2	2	1	1	1	1	1	1	1
-13.75°	2	2	2	2	1	1	1	1	1	1	1
-15°	2	2	2	2	1	1	1	1	1	1	1
-16.25°	2	2	2	2	1	1	1	1	1	1	1
-17.5°	2	2	2	2	1	1	1	1	1	1	1
-18.75°	2	2	2	1	1	1	1	1	1	1	1
-20°	2	2	2	1	1	1	1	1	1	1	1
-21.25°	2	2	2	1	1	1	1	1	1	1	1



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	2	2	2	1	1	1	1	1	1	1	1
-23.75°	2	2	2	1	1	1	1	1	1	1	1
-25°	2	2	1	1	1	1	1	1	1	1	1
-26.25°	2	2	1	1	1	1	1	1	1	1	1
-27.5°	2	2	1	1	1	1	1	1	1	1	1
-28.75°	2	2	1	1	1	1	1	1	1	1	1
-30°	2	1	1	1	1	1	1	1	1	1	1
-31.25°	2	1	1	1	1	1	1	1	1	1	1
-32.5°	2	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	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	1
-51.25°	1	1	1	1	1	1	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	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	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	0
-68.75°	1	1	1	1	1	1	1	1	1	1	0
-70°	1	1	1	1	1	1	1	1	1	0	0
-71.25°	1	1	1	1	1	1	1	1	0	0	0
-72.5°	1	1	1	1	1	1	1	0	0	0	0
-73.75°	1	1	1	1	1	0	0	0	0	0	0
-75°	1	1	1	1	0	0	0	0	0	0	0
-76.25°	1	1	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	0	0	0	0	0	0	0	0	0
61.25°	1	1	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	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	1	0	0	0	0	0	0	0
53.75°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	0	0	0	0	0	0	0
51.25°	1	1	1	1	0	0	0	0	0	0	0
50°	1	1	1	1	1	0	0	0	0	0	0
48.75°	1	1	1	1	1	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	0	0	0	0	0	0
45°	1	1	1	1	1	0	0	0	0	0	0
43.75°	1	1	1	1	1	1	0	0	0	0	0
42.5°	1	1	1	1	1	1	0	0	0	0	0
41.25°	1	1	1	1	1	1	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	1	1	1	1	1	1	0	0	0	0	0
32.5°	1	1	1	1	1	1	1	0	0	0	0
31.25°	1	1	1	1	1	1	1	0	0	0	0
30°	1	1	1	1	1	1	1	0	0	0	0
28.75°	1	1	1	1	1	1	1	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	0	0	0	0
17.5°	1	1	1	1	1	1	1	0	0	0	0
16.25°	1	1	1	1	1	1	1	0	0	0	0
15°	1	1	1	1	1	1	1	0	0	0	0
13.75°	1	1	1	1	1	1	1	0	0	0	0
12.5°	1	1	1	1	1	1	1	0	0	0	0
11.25°	1	1	1	1	1	1	1	0	0	0	0
10°	1	1	1	1	1	1	1	0	0	0	0
8.75°	1	1	1	1	1	1	1	0	0	0	0
7.5°	1	1	1	1	1	1	1	0	0	0	0
6.25°	1	1	1	1	1	1	1	0	0	0	0
5°	1	1	1	1	1	1	1	0	0	0	0
3.75°	1	1	1	1	1	1	1	0	0	0	0
2.5°	1	1	1	1	1	1	1	0	0	0	0
1.25°	1	1	1	1	1	1	1	0	0	0	0
0°	1	1	1	1	1	1	1	0	0	0	0
-1.25°	1	1	1	1	1	1	1	0	0	0	0
-2.5°	1	1	1	1	1	1	1	0	0	0	0
-3.75°	1	1	1	1	1	1	1	0	0	0	0
-5°	1	1	1	1	1	1	1	0	0	0	0
-6.25°	1	1	1	1	1	1	1	0	0	0	0
-7.5°	1	1	1	1	1	1	1	0	0	0	0
-8.75°	1	1	1	1	1	1	1	0	0	0	0
-10°	1	1	1	1	1	1	1	0	0	0	0
-11.25°	1	1	1	1	1	1	1	0	0	0	0
-12.5°	1	1	1	1	1	1	1	0	0	0	0
-13.75°	1	1	1	1	1	1	1	0	0	0	0
-15°	1	1	1	1	1	1	1	0	0	0	0
-16.25°	1	1	1	1	1	1	1	0	0	0	0
-17.5°	1	1	1	1	1	1	1	0	0	0	0
-18.75°	1	1	1	1	1	1	1	0	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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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°	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	1	0	0	0	0
-30°	1	1	1	1	1	1	1	0	0	0	0
-31.25°	1	1	1	1	1	1	1	0	0	0	0
-32.5°	1	1	1	1	1	1	1	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	1	0	0	0	0	0
-43.75°	1	1	1	1	1	1	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	1	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	1	0	0	0	0	0	0	0	0	0
-63.75°	1	0	0	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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: P221177 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-M-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)