

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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29560)
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-F-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) WARM DIMMING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

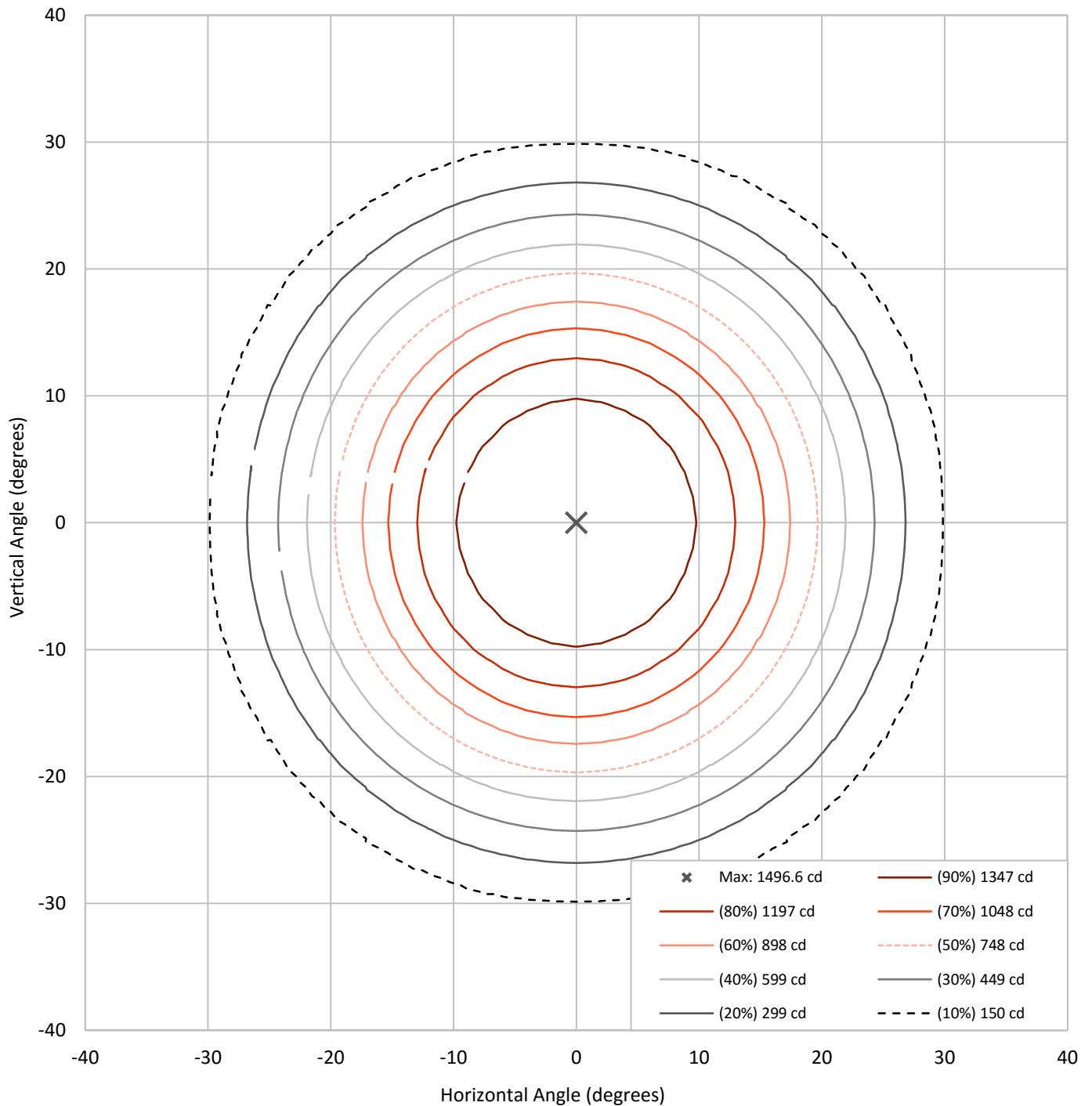
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	645 lumens	Max Intensity:	1496.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	26.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	39.3°H x 39.3°V	Field Angle (10%):	59.7°H x 59.7°V
Beam Lumens:	418.1 lumens	Field Lumens:	608.5 lumens
Beam Efficiency:	64.8%	Field Efficiency:	94.3%
Input Watts (W):	24		
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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-LC2-UNV

Iso-Candela Plot





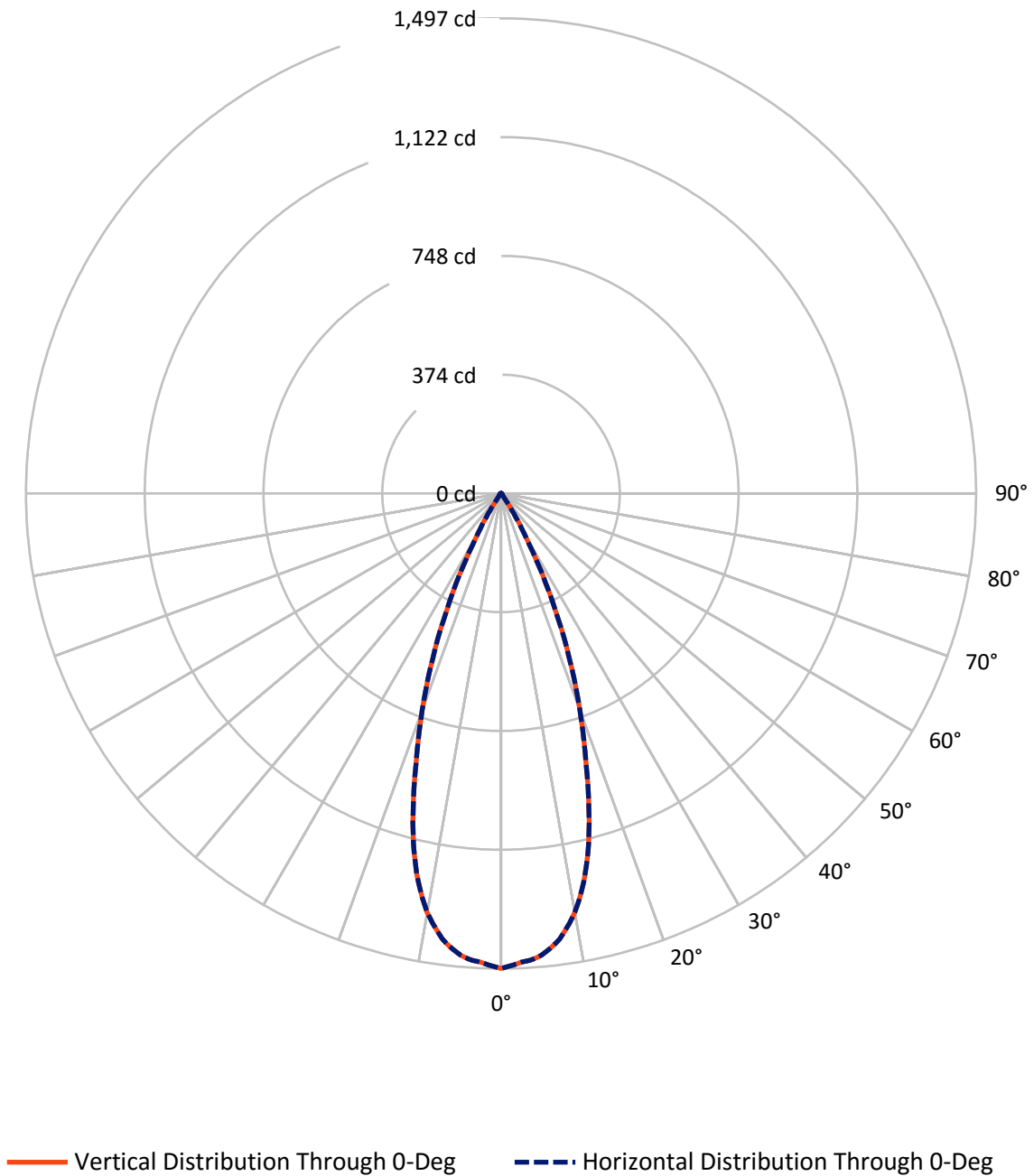
REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-LC2-UNV

Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										
80	0.0	0.0	0.0	0.1	0.1	0.1	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	
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					
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	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					
30	0.0	0.0	0.0	0.1	0.1	1.3	6.2	11.5	11.5	6.2	1.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
20		0.0	0.1	0.1	0.4	5.8	19.0	30.0	30.0	19.0	5.8	0.4	0.1	0.1					
10	0.0	0.0	0.1	0.1	1.0	10.5	29.2	42.2	42.2	29.2	10.5	1.0	0.1	0.1	0.0	0.0	0.0	0.0	
0		0.0	0.1	0.1	1.0	10.5	29.2	42.2	42.2	29.2	10.5	1.0	0.1	0.1					
-10	0.0	0.0	0.1	0.1	1.0	10.5	29.2	42.2	42.2	29.2	10.5	1.0	0.1	0.1	0.0	0.0	0.0	0.0	
-20		0.0	0.1	0.1	0.4	5.8	19.0	30.0	30.0	19.0	5.8	0.4	0.1	0.1					
-30	0.0	0.0	0.0	0.1	0.1	1.3	6.2	11.5	11.5	6.2	1.3	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					
-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	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					
-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	
-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					
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

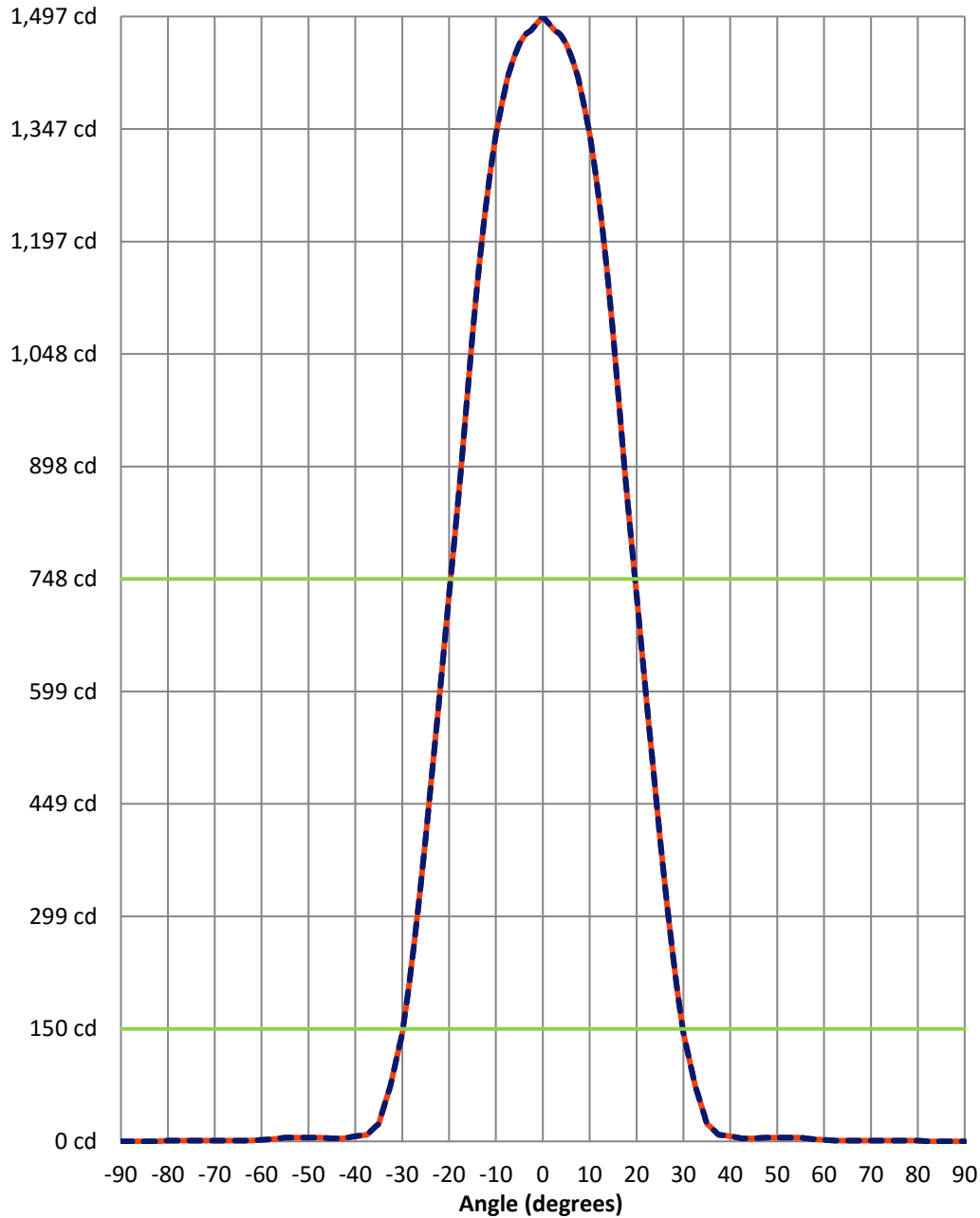
REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-LC2-UNV

Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-LC2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 39.3°
 V Angle: 39.3°
 Lumens: 418.1
 Efficiency: 64.8%

Field:
 H Angle: 59.7°
 V Angle: 59.7°
 Lumens: 608.5
 Efficiency: 94.3%

Spill:
 Lumens: 36.5
 Efficiency: 5.7%

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



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1
43.75°	0	0	0	0	0	0	0	0	0	0	1
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	0	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	0	1	1
35°	0	0	0	0	0	0	0	0	0	1	1



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1	1
32.5°	0	0	0	0	0	0	0	0	0	1	1
31.25°	0	0	0	0	0	0	0	0	0	1	1
30°	0	0	0	0	0	0	0	0	0	1	1
28.75°	0	0	0	0	0	0	0	0	1	1	1
27.5°	0	0	0	0	0	0	0	0	1	1	1
26.25°	0	0	0	0	0	0	0	0	1	1	1
25°	0	0	0	0	0	0	0	0	1	1	1
23.75°	0	0	0	0	0	0	0	0	1	1	1
22.5°	0	0	0	0	0	0	0	0	1	1	1
21.25°	0	0	0	0	0	0	0	0	1	1	1
20°	0	0	0	0	0	0	0	0	1	1	1
18.75°	0	0	0	0	0	0	0	0	1	1	1
17.5°	0	0	0	0	0	0	0	0	1	1	1
16.25°	0	0	0	0	0	0	0	0	1	1	1
15°	0	0	0	0	0	0	0	0	1	1	1
13.75°	0	0	0	0	0	0	0	0	1	1	1
12.5°	0	0	0	0	0	0	0	0	1	1	1
11.25°	0	0	0	0	0	0	0	0	1	1	1
10°	0	0	0	0	0	0	0	0	1	1	1
8.75°	0	0	0	0	0	0	0	0	1	1	1
7.5°	0	0	0	0	0	0	0	0	1	1	1
6.25°	0	0	0	0	0	0	0	0	1	1	1
5°	0	0	0	0	0	0	0	0	1	1	1
3.75°	0	0	0	0	0	0	0	0	1	1	1
2.5°	0	0	0	0	0	0	0	0	1	1	1
1.25°	0	0	0	0	0	0	0	0	1	1	1
0°	0	0	0	0	0	0	0	1	1	1	1
-1.25°	0	0	0	0	0	0	0	0	1	1	1
-2.5°	0	0	0	0	0	0	0	0	1	1	1
-3.75°	0	0	0	0	0	0	0	0	1	1	1
-5°	0	0	0	0	0	0	0	0	1	1	1
-6.25°	0	0	0	0	0	0	0	0	1	1	1
-7.5°	0	0	0	0	0	0	0	0	1	1	1
-8.75°	0	0	0	0	0	0	0	0	1	1	1
-10°	0	0	0	0	0	0	0	0	1	1	1
-11.25°	0	0	0	0	0	0	0	0	1	1	1
-12.5°	0	0	0	0	0	0	0	0	1	1	1
-13.75°	0	0	0	0	0	0	0	0	1	1	1
-15°	0	0	0	0	0	0	0	0	1	1	1
-16.25°	0	0	0	0	0	0	0	0	1	1	1
-17.5°	0	0	0	0	0	0	0	0	1	1	1
-18.75°	0	0	0	0	0	0	0	0	1	1	1
-20°	0	0	0	0	0	0	0	0	1	1	1
-21.25°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1	1	1
-23.75°	0	0	0	0	0	0	0	0	1	1	1
-25°	0	0	0	0	0	0	0	0	1	1	1
-26.25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-28.75°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	0	1	1
-31.25°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-33.75°	0	0	0	0	0	0	0	0	0	1	1
-35°	0	0	0	0	0	0	0	0	0	1	1
-36.25°	0	0	0	0	0	0	0	0	0	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	0	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	1
-45°	0	0	0	0	0	0	0	0	0	0	1
-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1	1
67.5°	0	0	0	0	0	0	0	0	1	1	1
66.25°	0	0	0	0	0	0	0	1	1	1	1
65°	0	0	0	0	0	0	1	1	1	1	1
63.75°	0	0	0	0	0	0	1	1	1	1	1
62.5°	0	0	0	0	0	1	1	1	1	1	1
61.25°	0	0	0	0	1	1	1	1	1	1	1
60°	0	0	0	0	1	1	1	1	1	1	1
58.75°	0	0	0	1	1	1	1	1	1	1	1
57.5°	0	0	0	1	1	1	1	1	1	1	1
56.25°	0	0	1	1	1	1	1	1	1	1	1
55°	0	0	1	1	1	1	1	1	1	1	1
53.75°	0	1	1	1	1	1	1	1	1	1	1
52.5°	0	1	1	1	1	1	1	1	1	1	1
51.25°	0	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1
22.5°	1	1	1	1	1	1	1	1	1	1	1
21.25°	1	1	1	1	1	1	1	1	1	1	1
20°	1	1	1	1	1	1	1	1	1	1	1
18.75°	1	1	1	1	1	1	1	1	1	1	1
17.5°	1	1	1	1	1	1	1	1	1	1	1
16.25°	1	1	1	1	1	1	1	1	1	1	1
15°	1	1	1	1	1	1	1	1	1	1	1
13.75°	1	1	1	1	1	1	1	1	1	1	1
12.5°	1	1	1	1	1	1	1	1	1	1	1
11.25°	1	1	1	1	1	1	1	1	1	1	1
10°	1	1	1	1	1	1	1	1	1	1	1
8.75°	1	1	1	1	1	1	1	1	1	1	1
7.5°	1	1	1	1	1	1	1	1	1	1	1
6.25°	1	1	1	1	1	1	1	1	1	1	1
5°	1	1	1	1	1	1	1	1	1	1	1
3.75°	1	1	1	1	1	1	1	1	1	1	1
2.5°	1	1	1	1	1	1	1	1	1	1	1
1.25°	1	1	1	1	1	1	1	1	1	1	1
0°	1	1	1	1	1	1	1	1	1	1	1
-1.25°	1	1	1	1	1	1	1	1	1	1	1
-2.5°	1	1	1	1	1	1	1	1	1	1	1
-3.75°	1	1	1	1	1	1	1	1	1	1	1
-5°	1	1	1	1	1	1	1	1	1	1	1
-6.25°	1	1	1	1	1	1	1	1	1	1	1
-7.5°	1	1	1	1	1	1	1	1	1	1	1
-8.75°	1	1	1	1	1	1	1	1	1	1	1
-10°	1	1	1	1	1	1	1	1	1	1	1
-11.25°	1	1	1	1	1	1	1	1	1	1	1
-12.5°	1	1	1	1	1	1	1	1	1	1	1
-13.75°	1	1	1	1	1	1	1	1	1	1	1
-15°	1	1	1	1	1	1	1	1	1	1	1
-16.25°	1	1	1	1	1	1	1	1	1	1	1
-17.5°	1	1	1	1	1	1	1	1	1	1	1
-18.75°	1	1	1	1	1	1	1	1	1	1	1
-20°	1	1	1	1	1	1	1	1	1	1	1
-21.25°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1
-23.75°	1	1	1	1	1	1	1	1	1	1	1
-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°	0	1	1	1	1	1	1	1	1	1	1
-52.5°	0	1	1	1	1	1	1	1	1	1	1
-53.75°	0	1	1	1	1	1	1	1	1	1	1
-55°	0	0	1	1	1	1	1	1	1	1	1
-56.25°	0	0	1	1	1	1	1	1	1	1	1
-57.5°	0	0	0	1	1	1	1	1	1	1	1
-58.75°	0	0	0	1	1	1	1	1	1	1	1
-60°	0	0	0	0	1	1	1	1	1	1	1
-61.25°	0	0	0	0	1	1	1	1	1	1	1
-62.5°	0	0	0	0	0	1	1	1	1	1	1
-63.75°	0	0	0	0	0	0	1	1	1	1	1
-65°	0	0	0	0	0	0	1	1	1	1	1
-66.25°	0	0	0	0	0	0	0	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1
75°	0	0	0	0	0	0	0	1	1	1	1
73.75°	0	0	0	0	0	1	1	1	1	1	1
72.5°	0	0	0	1	1	1	1	1	1	1	1
71.25°	0	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	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	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	4
30°	1	1	1	1	1	2	2	2	3	3	4
28.75°	1	1	1	1	1	2	2	2	3	4	4
27.5°	1	1	1	1	1	2	2	3	3	4	5
26.25°	1	1	1	1	2	2	2	3	3	4	5
25°	1	1	1	1	2	2	3	3	4	5	5
23.75°	1	1	1	1	2	2	3	3	4	5	5
22.5°	1	1	1	1	2	2	3	3	4	5	5
21.25°	1	1	1	2	2	2	3	4	5	5	5
20°	1	1	1	2	2	3	3	4	5	5	5
18.75°	1	1	1	2	2	3	3	4	5	5	5
17.5°	1	1	1	2	2	3	4	4	5	5	5
16.25°	1	1	1	2	2	3	4	5	5	5	5
15°	1	1	2	2	3	3	4	5	5	5	5
13.75°	1	1	2	2	3	3	4	5	5	5	5
12.5°	1	1	2	2	3	3	4	5	5	5	5
11.25°	1	1	2	2	3	3	4	5	5	5	5
10°	1	1	2	2	3	4	5	5	5	5	5
8.75°	1	1	2	2	3	4	5	5	5	5	5
7.5°	1	1	2	2	3	4	5	5	5	5	5
6.25°	1	1	2	2	3	4	5	5	5	5	5
5°	1	1	2	2	3	4	5	5	5	5	5
3.75°	1	1	2	2	3	4	5	5	5	5	5
2.5°	1	1	2	2	3	4	5	5	5	5	5
1.25°	1	1	2	2	3	4	5	5	5	5	5
0°	1	2	2	3	3	4	5	5	5	5	5
-1.25°	1	1	2	2	3	4	5	5	5	5	5
-2.5°	1	1	2	2	3	4	5	5	5	5	5
-3.75°	1	1	2	2	3	4	5	5	5	5	5
-5°	1	1	2	2	3	4	5	5	5	5	5
-6.25°	1	1	2	2	3	4	5	5	5	5	5
-7.5°	1	1	2	2	3	4	5	5	5	5	5
-8.75°	1	1	2	2	3	4	5	5	5	5	5
-10°	1	1	2	2	3	4	5	5	5	5	5
-11.25°	1	1	2	2	3	3	4	5	5	5	5
-12.5°	1	1	2	2	3	3	4	5	5	5	5
-13.75°	1	1	2	2	3	3	4	5	5	5	5
-15°	1	1	2	2	3	3	4	5	5	5	5
-16.25°	1	1	1	2	2	3	4	5	5	5	5
-17.5°	1	1	1	2	2	3	4	4	5	5	5
-18.75°	1	1	1	2	2	3	3	4	5	5	5
-20°	1	1	1	2	2	3	3	4	5	5	5
-21.25°	1	1	1	2	2	2	3	4	5	5	5



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	5	5
-23.75°	1	1	1	1	2	2	3	3	4	5	5
-25°	1	1	1	1	2	2	3	3	4	5	5
-26.25°	1	1	1	1	2	2	2	3	3	4	5
-27.5°	1	1	1	1	1	2	2	3	3	4	5
-28.75°	1	1	1	1	1	2	2	2	3	4	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	4
-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°	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	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	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	0	0	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	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	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	4	4
45°	1	1	2	2	2	3	3	3	4	4	5
43.75°	1	2	2	2	3	3	3	4	4	5	5
42.5°	2	2	2	3	3	3	4	5	5	5	5
41.25°	2	2	3	3	3	4	5	5	5	5	5
40°	2	2	3	3	4	5	5	5	5	5	5
38.75°	2	3	3	4	4	5	5	5	5	5	5
37.5°	3	3	4	4	5	5	5	5	5	5	5
36.25°	3	3	4	5	5	5	5	5	5	5	5
35°	3	4	5	5	5	5	5	5	5	5	5



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	4	4	5	5	5	5	5	5	5	5	5
32.5°	4	5	5	5	5	5	5	5	5	5	5
31.25°	4	5	5	5	5	5	5	5	5	5	5
30°	5	5	5	5	5	5	5	5	5	5	4
28.75°	5	5	5	5	5	5	5	5	5	4	4
27.5°	5	5	5	5	5	5	5	5	4	4	4
26.25°	5	5	5	5	5	5	5	5	4	4	4
25°	5	5	5	5	5	5	5	4	4	4	4
23.75°	5	5	5	5	5	5	5	4	4	4	4
22.5°	5	5	5	5	5	5	4	4	4	4	5
21.25°	5	5	5	5	5	5	4	4	4	4	5
20°	5	5	5	5	5	4	4	4	4	5	6
18.75°	5	5	5	5	5	4	4	4	4	5	7
17.5°	5	5	5	5	5	4	4	4	5	6	7
16.25°	5	5	5	5	4	4	4	4	5	6	7
15°	5	5	5	5	4	4	4	4	6	7	8
13.75°	5	5	5	5	4	4	4	5	6	7	8
12.5°	5	5	5	5	4	4	4	5	6	8	8
11.25°	5	5	5	4	4	4	4	5	7	8	9
10°	5	5	5	4	4	4	4	6	7	8	9
8.75°	5	5	5	4	4	4	5	6	7	8	11
7.5°	5	5	5	4	4	4	5	6	7	8	12
6.25°	5	5	5	4	4	4	5	6	8	9	14
5°	5	5	5	4	4	4	5	7	8	9	15
3.75°	5	5	5	4	4	4	5	7	8	9	15
2.5°	5	5	5	4	4	4	5	7	8	9	16
1.25°	5	5	5	4	4	4	5	7	8	9	16
0°	5	5	5	4	4	4	5	7	8	9	16
-1.25°	5	5	5	4	4	4	5	7	8	9	16
-2.5°	5	5	5	4	4	4	5	7	8	9	16
-3.75°	5	5	5	4	4	4	5	7	8	9	15
-5°	5	5	5	4	4	4	5	7	8	9	15
-6.25°	5	5	5	4	4	4	5	6	8	9	14
-7.5°	5	5	5	4	4	4	5	6	7	8	12
-8.75°	5	5	5	4	4	4	5	6	7	8	11
-10°	5	5	5	4	4	4	4	6	7	8	9
-11.25°	5	5	5	4	4	4	4	5	7	8	9
-12.5°	5	5	5	5	4	4	4	5	6	8	8
-13.75°	5	5	5	5	4	4	4	5	6	7	8
-15°	5	5	5	5	4	4	4	4	6	7	8
-16.25°	5	5	5	5	4	4	4	4	5	6	7
-17.5°	5	5	5	5	5	4	4	4	5	6	7
-18.75°	5	5	5	5	5	4	4	4	4	5	7
-20°	5	5	5	5	5	4	4	4	4	5	6
-21.25°	5	5	5	5	5	5	4	4	4	4	5



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	5	5	5	5	5	5	4	4	4	4	5
-23.75°	5	5	5	5	5	5	5	4	4	4	4
-25°	5	5	5	5	5	5	5	4	4	4	4
-26.25°	5	5	5	5	5	5	5	5	4	4	4
-27.5°	5	5	5	5	5	5	5	5	4	4	4
-28.75°	5	5	5	5	5	5	5	5	5	4	4
-30°	5	5	5	5	5	5	5	5	5	5	4
-31.25°	4	5	5	5	5	5	5	5	5	5	5
-32.5°	4	5	5	5	5	5	5	5	5	5	5
-33.75°	4	4	5	5	5	5	5	5	5	5	5
-35°	3	4	5	5	5	5	5	5	5	5	5
-36.25°	3	3	4	5	5	5	5	5	5	5	5
-37.5°	3	3	4	4	5	5	5	5	5	5	5
-38.75°	2	3	3	4	4	5	5	5	5	5	5
-40°	2	2	3	3	4	5	5	5	5	5	5
-41.25°	2	2	3	3	3	4	5	5	5	5	5
-42.5°	2	2	2	3	3	3	4	5	5	5	5
-43.75°	1	2	2	2	3	3	3	4	4	5	5
-45°	1	1	2	2	2	3	3	3	4	4	5
-46.25°	1	1	1	2	2	2	3	3	3	4	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°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1	1	1
-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	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	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	4	4	4
51.25°	2	3	3	3	3	4	4	4	5	5	5
50°	3	3	3	4	4	4	5	5	5	5	5
48.75°	3	4	4	4	5	5	5	5	5	5	5
47.5°	4	4	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	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	4
40°	5	5	5	5	5	5	5	5	4	4	4
38.75°	5	5	5	5	5	5	4	4	4	4	4
37.5°	5	5	5	5	5	4	4	4	4	4	4
36.25°	5	5	5	5	4	4	4	4	4	4	5
35°	5	5	5	4	4	4	4	4	5	5	6



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	4	4	4	4	4	5	6	6	7
32.5°	5	4	4	4	4	4	5	6	7	7	8
31.25°	4	4	4	4	4	5	6	7	8	8	9
30°	4	4	4	4	5	6	7	8	8	9	13
28.75°	4	4	4	5	6	7	8	8	10	14	18
27.5°	4	4	5	6	7	8	8	10	15	20	24
26.25°	4	5	6	7	8	8	10	15	20	27	43
25°	5	6	7	8	8	10	15	20	28	45	61
23.75°	5	6	7	8	9	14	20	27	45	62	81
22.5°	6	7	8	9	13	18	24	43	61	81	105
21.25°	7	8	8	11	17	23	39	58	78	103	128
20°	7	8	9	15	21	33	53	73	99	125	154
18.75°	8	8	12	18	26	46	67	92	119	147	187
17.5°	8	9	15	22	38	59	82	110	138	177	223
16.25°	8	12	18	27	49	71	99	128	163	209	260
15°	9	14	21	37	60	85	115	145	190	242	297
13.75°	10	17	24	47	70	99	130	168	218	274	333
12.5°	13	19	32	56	81	112	144	191	246	306	368
11.25°	15	22	40	64	92	124	163	214	273	335	402
10°	17	24	47	71	103	135	180	236	298	364	435
8.75°	18	29	53	79	112	146	197	257	321	390	464
7.5°	20	34	59	87	120	159	213	275	341	414	489
6.25°	21	39	64	94	127	170	227	291	360	435	511
5°	22	42	67	99	133	179	238	305	375	452	529
3.75°	23	45	70	103	138	187	248	315	388	466	543
2.5°	23	47	73	107	141	193	255	323	396	476	554
1.25°	24	49	74	108	143	196	259	327	402	481	560
0°	24	49	74	109	144	197	261	329	403	483	562
-1.25°	24	49	74	108	143	196	259	327	402	481	560
-2.5°	23	47	73	107	141	193	255	323	396	476	554
-3.75°	23	45	70	103	138	187	248	315	388	466	543
-5°	22	42	67	99	133	179	238	305	375	452	529
-6.25°	21	39	64	94	127	170	227	291	360	435	511
-7.5°	20	34	59	87	120	159	213	275	341	414	489
-8.75°	18	29	53	79	112	146	197	257	321	390	464
-10°	17	24	47	71	103	135	180	236	298	364	435
-11.25°	15	22	40	64	92	124	163	214	273	335	402
-12.5°	13	19	32	56	81	112	144	191	246	306	368
-13.75°	10	17	24	47	70	99	130	168	218	274	333
-15°	9	14	21	37	60	85	115	145	190	242	297
-16.25°	8	12	18	27	49	71	99	128	163	209	260
-17.5°	8	9	15	22	38	59	82	110	138	177	223
-18.75°	8	8	12	18	26	46	67	92	119	147	187
-20°	7	8	9	15	21	33	53	73	99	125	154
-21.25°	7	8	8	11	17	23	39	58	78	103	128



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	6	7	8	9	13	18	24	43	61	81	105
-23.75°	5	6	7	8	9	14	20	27	45	62	81
-25°	5	6	7	8	8	10	15	20	28	45	61
-26.25°	4	5	6	7	8	8	10	15	20	27	43
-27.5°	4	4	5	6	7	8	8	10	15	20	24
-28.75°	4	4	4	5	6	7	8	8	10	14	18
-30°	4	4	4	4	5	6	7	8	8	9	13
-31.25°	4	4	4	4	4	5	6	7	8	8	9
-32.5°	5	4	4	4	4	4	5	6	7	7	8
-33.75°	5	5	4	4	4	4	4	5	6	6	7
-35°	5	5	5	4	4	4	4	4	5	5	6
-36.25°	5	5	5	5	4	4	4	4	4	4	5
-37.5°	5	5	5	5	5	4	4	4	4	4	4
-38.75°	5	5	5	5	5	5	4	4	4	4	4
-40°	5	5	5	5	5	5	5	5	4	4	4
-41.25°	5	5	5	5	5	5	5	5	5	5	4
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	4	4	5	5	5	5	5	5	5	5	5
-48.75°	3	4	4	4	5	5	5	5	5	5	5
-50°	3	3	3	4	4	4	5	5	5	5	5
-51.25°	2	3	3	3	3	4	4	4	5	5	5
-52.5°	2	2	2	3	3	3	3	3	4	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°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	0	0	0	0	0	1	1	1	1	1	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	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	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	4	4
55°	3	3	3	4	4	4	4	4	4	5	5
53.75°	4	4	4	4	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
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	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	4	4	4
43.75°	5	5	5	5	4	4	4	4	4	4	4
42.5°	5	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	4	5
40°	4	4	4	4	4	4	5	5	5	6	6
38.75°	4	4	4	5	5	6	6	6	7	7	7
37.5°	4	5	5	6	6	7	7	8	8	8	8
36.25°	5	6	7	7	7	8	8	8	9	9	11
35°	7	7	8	8	8	9	10	13	15	17	18



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	8	8	9	12	14	17	19	22	24	29
32.5°	8	9	12	15	18	21	24	32	40	47	53
31.25°	11	15	18	22	27	37	47	56	64	71	79
30°	17	21	26	38	49	60	70	81	92	103	112
28.75°	23	33	46	59	71	85	99	112	124	135	146
27.5°	39	53	67	82	99	115	130	144	163	180	197
26.25°	58	73	92	110	128	145	168	191	214	236	257
25°	78	99	119	138	163	190	218	246	273	298	321
23.75°	103	125	147	177	209	242	274	306	335	364	390
22.5°	128	154	187	223	260	297	333	368	402	435	464
21.25°	156	192	232	273	314	354	395	435	473	506	536
20°	192	234	279	324	370	415	461	502	541	577	610
18.75°	232	279	328	377	428	478	524	568	610	650	686
17.5°	273	324	377	432	486	537	586	635	680	722	759
16.25°	314	370	428	486	541	595	650	701	748	790	830
15°	354	415	478	537	595	655	711	763	812	858	904
13.75°	395	461	524	586	650	711	769	823	877	931	982
12.5°	435	502	568	635	701	763	823	883	945	1004	1058
11.25°	473	541	610	680	748	812	877	945	1011	1073	1126
10°	506	577	650	722	790	858	931	1004	1073	1134	1185
8.75°	536	610	686	759	830	904	982	1058	1126	1185	1234
7.5°	563	640	718	791	866	947	1028	1104	1171	1228	1276
6.25°	587	667	745	820	900	984	1068	1144	1208	1263	1311
5°	607	688	767	844	928	1016	1099	1174	1237	1292	1337
3.75°	623	705	784	864	952	1041	1124	1198	1260	1313	1355
2.5°	635	718	797	879	969	1059	1143	1214	1276	1328	1369
1.25°	642	725	804	888	979	1070	1152	1223	1285	1337	1377
0°	644	728	807	891	982	1073	1156	1227	1289	1340	1380
-1.25°	642	725	804	888	979	1070	1152	1223	1285	1337	1377
-2.5°	635	718	797	879	969	1059	1143	1214	1276	1328	1369
-3.75°	623	705	784	864	952	1041	1124	1198	1260	1313	1355
-5°	607	688	767	844	928	1016	1099	1174	1237	1292	1337
-6.25°	587	667	745	820	900	984	1068	1144	1208	1263	1311
-7.5°	563	640	718	791	866	947	1028	1104	1171	1228	1276
-8.75°	536	610	686	759	830	904	982	1058	1126	1185	1234
-10°	506	577	650	722	790	858	931	1004	1073	1134	1185
-11.25°	473	541	610	680	748	812	877	945	1011	1073	1126
-12.5°	435	502	568	635	701	763	823	883	945	1004	1058
-13.75°	395	461	524	586	650	711	769	823	877	931	982
-15°	354	415	478	537	595	655	711	763	812	858	904
-16.25°	314	370	428	486	541	595	650	701	748	790	830
-17.5°	273	324	377	432	486	537	586	635	680	722	759
-18.75°	232	279	328	377	428	478	524	568	610	650	686
-20°	192	234	279	324	370	415	461	502	541	577	610
-21.25°	156	192	232	273	314	354	395	435	473	506	536



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	128	154	187	223	260	297	333	368	402	435	464
-23.75°	103	125	147	177	209	242	274	306	335	364	390
-25°	78	99	119	138	163	190	218	246	273	298	321
-26.25°	58	73	92	110	128	145	168	191	214	236	257
-27.5°	39	53	67	82	99	115	130	144	163	180	197
-28.75°	23	33	46	59	71	85	99	112	124	135	146
-30°	17	21	26	38	49	60	70	81	92	103	112
-31.25°	11	15	18	22	27	37	47	56	64	71	79
-32.5°	8	9	12	15	18	21	24	32	40	47	53
-33.75°	8	8	8	9	12	14	17	19	22	24	29
-35°	7	7	8	8	8	9	10	13	15	17	18
-36.25°	5	6	7	7	7	8	8	8	9	9	11
-37.5°	4	5	5	6	6	7	7	8	8	8	8
-38.75°	4	4	4	5	5	6	6	6	7	7	7
-40°	4	4	4	4	4	4	5	5	5	6	6
-41.25°	4	4	4	4	4	4	4	4	4	4	5
-42.5°	5	4	4	4	4	4	4	4	4	4	4
-43.75°	5	5	5	5	4	4	4	4	4	4	4
-45°	5	5	5	5	5	5	5	5	4	4	4
-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	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	4	4	4	4	5	5	5	5	5	5	5
-55°	3	3	3	4	4	4	4	4	4	5	5
-56.25°	2	3	3	3	3	3	3	3	3	4	4
-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°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1	0	0	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	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°	4	4	4	4	4	4	4	4	4	4	4
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
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	5	5	5	5	5
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	6	6	7	7	7	7	7	7	7	7	7
38.75°	7	8	8	8	8	8	8	8	8	8	8
37.5°	8	9	9	9	9	9	9	9	9	9	9
36.25°	12	14	15	15	16	16	16	16	16	15	15
35°	20	21	22	23	23	24	24	24	23	23	22



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	34	39	42	45	47	49	49	49	47	45	42
32.5°	59	64	67	70	73	74	74	74	73	70	67
31.25°	87	94	99	103	107	108	109	108	107	103	99
30°	120	127	133	138	141	143	144	143	141	138	133
28.75°	159	170	179	187	193	196	197	196	193	187	179
27.5°	213	227	238	248	255	259	261	259	255	248	238
26.25°	275	291	305	315	323	327	329	327	323	315	305
25°	341	360	375	388	396	402	403	402	396	388	375
23.75°	414	435	452	466	476	481	483	481	476	466	452
22.5°	489	511	529	543	554	560	562	560	554	543	529
21.25°	563	587	607	623	635	642	644	642	635	623	607
20°	640	667	688	705	718	725	728	725	718	705	688
18.75°	718	745	767	784	797	804	807	804	797	784	767
17.5°	791	820	844	864	879	888	891	888	879	864	844
16.25°	866	900	928	952	969	979	982	979	969	952	928
15°	947	984	1016	1041	1059	1070	1073	1070	1059	1041	1016
13.75°	1028	1068	1099	1124	1143	1152	1156	1152	1143	1124	1099
12.5°	1104	1144	1174	1198	1214	1223	1227	1223	1214	1198	1174
11.25°	1171	1208	1237	1260	1276	1285	1289	1285	1276	1260	1237
10°	1228	1263	1292	1313	1328	1337	1340	1337	1328	1313	1292
8.75°	1276	1311	1337	1355	1369	1377	1380	1377	1369	1355	1337
7.5°	1317	1348	1372	1392	1407	1413	1416	1413	1407	1392	1372
6.25°	1348	1377	1404	1421	1432	1438	1441	1438	1432	1421	1404
5°	1372	1404	1426	1441	1451	1458	1460	1458	1451	1441	1426
3.75°	1392	1421	1441	1455	1466	1472	1473	1472	1466	1455	1441
2.5°	1407	1432	1451	1466	1474	1477	1478	1477	1474	1466	1451
1.25°	1413	1438	1458	1472	1477	1483	1487	1483	1477	1472	1458
0°	1416	1441	1460	1473	1478	1487	1497	1487	1478	1473	1460
-1.25°	1413	1438	1458	1472	1477	1483	1487	1483	1477	1472	1458
-2.5°	1407	1432	1451	1466	1474	1477	1478	1477	1474	1466	1451
-3.75°	1392	1421	1441	1455	1466	1472	1473	1472	1466	1455	1441
-5°	1372	1404	1426	1441	1451	1458	1460	1458	1451	1441	1426
-6.25°	1348	1377	1404	1421	1432	1438	1441	1438	1432	1421	1404
-7.5°	1317	1348	1372	1392	1407	1413	1416	1413	1407	1392	1372
-8.75°	1276	1311	1337	1355	1369	1377	1380	1377	1369	1355	1337
-10°	1228	1263	1292	1313	1328	1337	1340	1337	1328	1313	1292
-11.25°	1171	1208	1237	1260	1276	1285	1289	1285	1276	1260	1237
-12.5°	1104	1144	1174	1198	1214	1223	1227	1223	1214	1198	1174
-13.75°	1028	1068	1099	1124	1143	1152	1156	1152	1143	1124	1099
-15°	947	984	1016	1041	1059	1070	1073	1070	1059	1041	1016
-16.25°	866	900	928	952	969	979	982	979	969	952	928
-17.5°	791	820	844	864	879	888	891	888	879	864	844
-18.75°	718	745	767	784	797	804	807	804	797	784	767
-20°	640	667	688	705	718	725	728	725	718	705	688
-21.25°	563	587	607	623	635	642	644	642	635	623	607



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	489	511	529	543	554	560	562	560	554	543	529
-23.75°	414	435	452	466	476	481	483	481	476	466	452
-25°	341	360	375	388	396	402	403	402	396	388	375
-26.25°	275	291	305	315	323	327	329	327	323	315	305
-27.5°	213	227	238	248	255	259	261	259	255	248	238
-28.75°	159	170	179	187	193	196	197	196	193	187	179
-30°	120	127	133	138	141	143	144	143	141	138	133
-31.25°	87	94	99	103	107	108	109	108	107	103	99
-32.5°	59	64	67	70	73	74	74	74	73	70	67
-33.75°	34	39	42	45	47	49	49	49	47	45	42
-35°	20	21	22	23	23	24	24	24	23	23	22
-36.25°	12	14	15	15	16	16	16	16	16	15	15
-37.5°	8	9	9	9	9	9	9	9	9	9	9
-38.75°	7	8	8	8	8	8	8	8	8	8	8
-40°	6	6	7	7	7	7	7	7	7	7	7
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-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	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-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°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	0	0	0	0	0	0	1	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	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	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°	4	4	4	4	3	3	3	3	3	3	3
55°	5	5	5	5	4	4	4	4	4	4	3
53.75°	5	5	5	5	5	5	5	5	5	4	4
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
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	5	5	5	5	5
45°	4	4	4	4	4	5	5	5	5	5	5
43.75°	4	4	4	4	4	4	4	4	4	5	5
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	5	5	5	4	4	4	4	4	4	4	4
40°	6	6	6	6	5	5	5	4	4	4	4
38.75°	8	7	7	7	7	6	6	6	5	5	4
37.5°	9	8	8	8	8	8	7	7	6	6	5
36.25°	14	12	11	9	9	8	8	8	7	7	7
35°	21	20	18	17	15	13	10	9	8	8	8



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	39	34	29	24	22	19	17	14	12	9	8
32.5°	64	59	53	47	40	32	24	21	18	15	12
31.25°	94	87	79	71	64	56	47	37	27	22	18
30°	127	120	112	103	92	81	70	60	49	38	26
28.75°	170	159	146	135	124	112	99	85	71	59	46
27.5°	227	213	197	180	163	144	130	115	99	82	67
26.25°	291	275	257	236	214	191	168	145	128	110	92
25°	360	341	321	298	273	246	218	190	163	138	119
23.75°	435	414	390	364	335	306	274	242	209	177	147
22.5°	511	489	464	435	402	368	333	297	260	223	187
21.25°	587	563	536	506	473	435	395	354	314	273	232
20°	667	640	610	577	541	502	461	415	370	324	279
18.75°	745	718	686	650	610	568	524	478	428	377	328
17.5°	820	791	759	722	680	635	586	537	486	432	377
16.25°	900	866	830	790	748	701	650	595	541	486	428
15°	984	947	904	858	812	763	711	655	595	537	478
13.75°	1068	1028	982	931	877	823	769	711	650	586	524
12.5°	1144	1104	1058	1004	945	883	823	763	701	635	568
11.25°	1208	1171	1126	1073	1011	945	877	812	748	680	610
10°	1263	1228	1185	1134	1073	1004	931	858	790	722	650
8.75°	1311	1276	1234	1185	1126	1058	982	904	830	759	686
7.5°	1348	1317	1276	1228	1171	1104	1028	947	866	791	718
6.25°	1377	1348	1311	1263	1208	1144	1068	984	900	820	745
5°	1404	1372	1337	1292	1237	1174	1099	1016	928	844	767
3.75°	1421	1392	1355	1313	1260	1198	1124	1041	952	864	784
2.5°	1432	1407	1369	1328	1276	1214	1143	1059	969	879	797
1.25°	1438	1413	1377	1337	1285	1223	1152	1070	979	888	804
0°	1441	1416	1380	1340	1289	1227	1156	1073	982	891	807
-1.25°	1438	1413	1377	1337	1285	1223	1152	1070	979	888	804
-2.5°	1432	1407	1369	1328	1276	1214	1143	1059	969	879	797
-3.75°	1421	1392	1355	1313	1260	1198	1124	1041	952	864	784
-5°	1404	1372	1337	1292	1237	1174	1099	1016	928	844	767
-6.25°	1377	1348	1311	1263	1208	1144	1068	984	900	820	745
-7.5°	1348	1317	1276	1228	1171	1104	1028	947	866	791	718
-8.75°	1311	1276	1234	1185	1126	1058	982	904	830	759	686
-10°	1263	1228	1185	1134	1073	1004	931	858	790	722	650
-11.25°	1208	1171	1126	1073	1011	945	877	812	748	680	610
-12.5°	1144	1104	1058	1004	945	883	823	763	701	635	568
-13.75°	1068	1028	982	931	877	823	769	711	650	586	524
-15°	984	947	904	858	812	763	711	655	595	537	478
-16.25°	900	866	830	790	748	701	650	595	541	486	428
-17.5°	820	791	759	722	680	635	586	537	486	432	377
-18.75°	745	718	686	650	610	568	524	478	428	377	328
-20°	667	640	610	577	541	502	461	415	370	324	279
-21.25°	587	563	536	506	473	435	395	354	314	273	232



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	511	489	464	435	402	368	333	297	260	223	187
-23.75°	435	414	390	364	335	306	274	242	209	177	147
-25°	360	341	321	298	273	246	218	190	163	138	119
-26.25°	291	275	257	236	214	191	168	145	128	110	92
-27.5°	227	213	197	180	163	144	130	115	99	82	67
-28.75°	170	159	146	135	124	112	99	85	71	59	46
-30°	127	120	112	103	92	81	70	60	49	38	26
-31.25°	94	87	79	71	64	56	47	37	27	22	18
-32.5°	64	59	53	47	40	32	24	21	18	15	12
-33.75°	39	34	29	24	22	19	17	14	12	9	8
-35°	21	20	18	17	15	13	10	9	8	8	8
-36.25°	14	12	11	9	9	8	8	8	7	7	7
-37.5°	9	8	8	8	8	8	7	7	6	6	5
-38.75°	8	7	7	7	7	6	6	6	5	5	4
-40°	6	6	6	6	5	5	5	4	4	4	4
-41.25°	5	5	5	4	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	5	5
-45°	4	4	4	4	4	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	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	4	4
-55°	5	5	5	5	4	4	4	4	4	4	3
-56.25°	4	4	4	4	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°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	1	1	1	1	1	1	1	1	0	0	0
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	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	4	3	3	3	3	3	2	2	2	2
52.5°	5	5	4	4	4	3	3	3	3	3	2
51.25°	5	5	5	5	5	4	4	4	3	3	3
50°	5	5	5	5	5	5	5	4	4	4	3
48.75°	5	5	5	5	5	5	5	5	5	4	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°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	4	5	5	5	5	5	5	5	5	5	5
41.25°	4	4	4	5	5	5	5	5	5	5	5
40°	4	4	4	4	4	5	5	5	5	5	5
38.75°	4	4	4	4	4	4	4	5	5	5	5
37.5°	5	4	4	4	4	4	4	4	5	5	5
36.25°	6	5	5	4	4	4	4	4	4	5	5
35°	7	7	6	5	5	4	4	4	4	4	5



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	8	8	7	6	6	5	4	4	4	4	4
32.5°	9	8	8	7	7	6	5	4	4	4	4
31.25°	15	11	9	8	8	7	6	5	4	4	4
30°	21	17	13	9	8	8	7	6	5	4	4
28.75°	33	23	18	14	10	8	8	7	6	5	4
27.5°	53	39	24	20	15	10	8	8	7	6	5
26.25°	73	58	43	27	20	15	10	8	8	7	6
25°	99	78	61	45	28	20	15	10	8	8	7
23.75°	125	103	81	62	45	27	20	14	9	8	7
22.5°	154	128	105	81	61	43	24	18	13	9	8
21.25°	192	156	128	103	78	58	39	23	17	11	8
20°	234	192	154	125	99	73	53	33	21	15	9
18.75°	279	232	187	147	119	92	67	46	26	18	12
17.5°	324	273	223	177	138	110	82	59	38	22	15
16.25°	370	314	260	209	163	128	99	71	49	27	18
15°	415	354	297	242	190	145	115	85	60	37	21
13.75°	461	395	333	274	218	168	130	99	70	47	24
12.5°	502	435	368	306	246	191	144	112	81	56	32
11.25°	541	473	402	335	273	214	163	124	92	64	40
10°	577	506	435	364	298	236	180	135	103	71	47
8.75°	610	536	464	390	321	257	197	146	112	79	53
7.5°	640	563	489	414	341	275	213	159	120	87	59
6.25°	667	587	511	435	360	291	227	170	127	94	64
5°	688	607	529	452	375	305	238	179	133	99	67
3.75°	705	623	543	466	388	315	248	187	138	103	70
2.5°	718	635	554	476	396	323	255	193	141	107	73
1.25°	725	642	560	481	402	327	259	196	143	108	74
0°	728	644	562	483	403	329	261	197	144	109	74
-1.25°	725	642	560	481	402	327	259	196	143	108	74
-2.5°	718	635	554	476	396	323	255	193	141	107	73
-3.75°	705	623	543	466	388	315	248	187	138	103	70
-5°	688	607	529	452	375	305	238	179	133	99	67
-6.25°	667	587	511	435	360	291	227	170	127	94	64
-7.5°	640	563	489	414	341	275	213	159	120	87	59
-8.75°	610	536	464	390	321	257	197	146	112	79	53
-10°	577	506	435	364	298	236	180	135	103	71	47
-11.25°	541	473	402	335	273	214	163	124	92	64	40
-12.5°	502	435	368	306	246	191	144	112	81	56	32
-13.75°	461	395	333	274	218	168	130	99	70	47	24
-15°	415	354	297	242	190	145	115	85	60	37	21
-16.25°	370	314	260	209	163	128	99	71	49	27	18
-17.5°	324	273	223	177	138	110	82	59	38	22	15
-18.75°	279	232	187	147	119	92	67	46	26	18	12
-20°	234	192	154	125	99	73	53	33	21	15	9
-21.25°	192	156	128	103	78	58	39	23	17	11	8



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	154	128	105	81	61	43	24	18	13	9	8
-23.75°	125	103	81	62	45	27	20	14	9	8	7
-25°	99	78	61	45	28	20	15	10	8	8	7
-26.25°	73	58	43	27	20	15	10	8	8	7	6
-27.5°	53	39	24	20	15	10	8	8	7	6	5
-28.75°	33	23	18	14	10	8	8	7	6	5	4
-30°	21	17	13	9	8	8	7	6	5	4	4
-31.25°	15	11	9	8	8	7	6	5	4	4	4
-32.5°	9	8	8	7	7	6	5	4	4	4	4
-33.75°	8	8	7	6	6	5	4	4	4	4	4
-35°	7	7	6	5	5	4	4	4	4	4	5
-36.25°	6	5	5	4	4	4	4	4	4	5	5
-37.5°	5	4	4	4	4	4	4	4	5	5	5
-38.75°	4	4	4	4	4	4	4	5	5	5	5
-40°	4	4	4	4	4	5	5	5	5	5	5
-41.25°	4	4	4	5	5	5	5	5	5	5	5
-42.5°	4	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	4	4
-50°	5	5	5	5	5	5	5	4	4	4	3
-51.25°	5	5	5	5	5	4	4	4	3	3	3
-52.5°	5	5	4	4	4	3	3	3	3	3	2
-53.75°	4	4	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	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	1	1	1	1	1	0	0	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°	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°	4	3	3	3	2	2	2	2	1	1	1
47.5°	4	4	3	3	3	2	2	2	2	1	1
46.25°	5	5	4	4	3	3	3	2	2	2	1
45°	5	5	5	4	4	3	3	3	2	2	2
43.75°	5	5	5	5	4	4	3	3	3	2	2
42.5°	5	5	5	5	5	5	4	3	3	3	2
41.25°	5	5	5	5	5	5	5	4	3	3	3
40°	5	5	5	5	5	5	5	5	4	3	3
38.75°	5	5	5	5	5	5	5	5	4	4	3
37.5°	5	5	5	5	5	5	5	5	5	4	4
36.25°	5	5	5	5	5	5	5	5	5	5	4
35°	5	5	5	5	5	5	5	5	5	5	5



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	5	5	5	5	5
32.5°	4	5	5	5	5	5	5	5	5	5	5
31.25°	4	4	5	5	5	5	5	5	5	5	5
30°	4	4	4	5	5	5	5	5	5	5	5
28.75°	4	4	4	4	5	5	5	5	5	5	5
27.5°	4	4	4	4	4	5	5	5	5	5	5
26.25°	5	4	4	4	4	5	5	5	5	5	5
25°	6	5	4	4	4	4	5	5	5	5	5
23.75°	6	5	4	4	4	4	5	5	5	5	5
22.5°	7	6	5	4	4	4	4	5	5	5	5
21.25°	8	7	5	4	4	4	4	5	5	5	5
20°	8	7	6	5	4	4	4	4	5	5	5
18.75°	8	8	7	5	4	4	4	4	5	5	5
17.5°	9	8	7	6	5	4	4	4	5	5	5
16.25°	12	8	7	6	5	4	4	4	4	5	5
15°	14	9	8	7	6	4	4	4	4	5	5
13.75°	17	10	8	7	6	5	4	4	4	5	5
12.5°	19	13	8	8	6	5	4	4	4	5	5
11.25°	22	15	9	8	7	5	4	4	4	4	5
10°	24	17	9	8	7	6	4	4	4	4	5
8.75°	29	18	11	8	7	6	5	4	4	4	5
7.5°	34	20	12	8	7	6	5	4	4	4	5
6.25°	39	21	14	9	8	6	5	4	4	4	5
5°	42	22	15	9	8	7	5	4	4	4	5
3.75°	45	23	15	9	8	7	5	4	4	4	5
2.5°	47	23	16	9	8	7	5	4	4	4	5
1.25°	49	24	16	9	8	7	5	4	4	4	5
0°	49	24	16	9	8	7	5	4	4	4	5
-1.25°	49	24	16	9	8	7	5	4	4	4	5
-2.5°	47	23	16	9	8	7	5	4	4	4	5
-3.75°	45	23	15	9	8	7	5	4	4	4	5
-5°	42	22	15	9	8	7	5	4	4	4	5
-6.25°	39	21	14	9	8	6	5	4	4	4	5
-7.5°	34	20	12	8	7	6	5	4	4	4	5
-8.75°	29	18	11	8	7	6	5	4	4	4	5
-10°	24	17	9	8	7	6	4	4	4	4	5
-11.25°	22	15	9	8	7	5	4	4	4	4	5
-12.5°	19	13	8	8	6	5	4	4	4	5	5
-13.75°	17	10	8	7	6	5	4	4	4	5	5
-15°	14	9	8	7	6	4	4	4	4	5	5
-16.25°	12	8	7	6	5	4	4	4	4	5	5
-17.5°	9	8	7	6	5	4	4	4	5	5	5
-18.75°	8	8	7	5	4	4	4	4	5	5	5
-20°	8	7	6	5	4	4	4	4	5	5	5
-21.25°	8	7	5	4	4	4	4	5	5	5	5



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	7	6	5	4	4	4	4	5	5	5	5
-23.75°	6	5	4	4	4	4	5	5	5	5	5
-25°	6	5	4	4	4	4	5	5	5	5	5
-26.25°	5	4	4	4	4	5	5	5	5	5	5
-27.5°	4	4	4	4	4	5	5	5	5	5	5
-28.75°	4	4	4	4	5	5	5	5	5	5	5
-30°	4	4	4	5	5	5	5	5	5	5	5
-31.25°	4	4	5	5	5	5	5	5	5	5	5
-32.5°	4	5	5	5	5	5	5	5	5	5	5
-33.75°	5	5	5	5	5	5	5	5	5	5	5
-35°	5	5	5	5	5	5	5	5	5	5	5
-36.25°	5	5	5	5	5	5	5	5	5	5	4
-37.5°	5	5	5	5	5	5	5	5	5	4	4
-38.75°	5	5	5	5	5	5	5	5	4	4	3
-40°	5	5	5	5	5	5	5	5	4	3	3
-41.25°	5	5	5	5	5	5	5	4	3	3	3
-42.5°	5	5	5	5	5	5	4	3	3	3	2
-43.75°	5	5	5	5	4	4	3	3	3	2	2
-45°	5	5	5	4	4	3	3	3	2	2	2
-46.25°	5	5	4	4	3	3	3	2	2	2	1
-47.5°	4	4	3	3	3	2	2	2	2	1	1
-48.75°	4	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	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	1	1	1	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	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°	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°	4	3	3	2	2	2	1	1	1	1	1



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	4	3	3	2	2	1	1	1	1	1
32.5°	5	4	3	3	2	2	2	1	1	1	1
31.25°	5	4	4	3	3	2	2	1	1	1	1
30°	5	5	4	3	3	2	2	2	1	1	1
28.75°	5	5	4	4	3	2	2	2	1	1	1
27.5°	5	5	5	4	3	3	2	2	1	1	1
26.25°	5	5	5	4	3	3	2	2	2	1	1
25°	5	5	5	5	4	3	3	2	2	1	1
23.75°	5	5	5	5	4	3	3	2	2	1	1
22.5°	5	5	5	5	4	3	3	2	2	1	1
21.25°	5	5	5	5	5	4	3	2	2	2	1
20°	5	5	5	5	5	4	3	3	2	2	1
18.75°	5	5	5	5	5	4	3	3	2	2	1
17.5°	5	5	5	5	5	4	4	3	2	2	1
16.25°	5	5	5	5	5	5	4	3	2	2	1
15°	5	5	5	5	5	5	4	3	3	2	2
13.75°	5	5	5	5	5	5	4	3	3	2	2
12.5°	5	5	5	5	5	5	4	3	3	2	2
11.25°	5	5	5	5	5	5	4	3	3	2	2
10°	5	5	5	5	5	5	5	4	3	2	2
8.75°	5	5	5	5	5	5	5	4	3	2	2
7.5°	5	5	5	5	5	5	5	4	3	2	2
6.25°	5	5	5	5	5	5	5	4	3	2	2
5°	5	5	5	5	5	5	5	4	3	2	2
3.75°	5	5	5	5	5	5	5	4	3	2	2
2.5°	5	5	5	5	5	5	5	4	3	2	2
1.25°	5	5	5	5	5	5	5	4	3	2	2
0°	5	5	5	5	5	5	5	4	3	3	2
-1.25°	5	5	5	5	5	5	5	4	3	2	2
-2.5°	5	5	5	5	5	5	5	4	3	2	2
-3.75°	5	5	5	5	5	5	5	4	3	2	2
-5°	5	5	5	5	5	5	5	4	3	2	2
-6.25°	5	5	5	5	5	5	5	4	3	2	2
-7.5°	5	5	5	5	5	5	5	4	3	2	2
-8.75°	5	5	5	5	5	5	5	4	3	2	2
-10°	5	5	5	5	5	5	5	4	3	2	2
-11.25°	5	5	5	5	5	5	4	3	3	2	2
-12.5°	5	5	5	5	5	5	4	3	3	2	2
-13.75°	5	5	5	5	5	5	4	3	3	2	2
-15°	5	5	5	5	5	5	4	3	3	2	2
-16.25°	5	5	5	5	5	5	4	3	2	2	1
-17.5°	5	5	5	5	5	4	4	3	2	2	1
-18.75°	5	5	5	5	5	4	3	3	2	2	1
-20°	5	5	5	5	5	4	3	3	2	2	1
-21.25°	5	5	5	5	5	4	3	2	2	2	1



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	5	5	5	5	4	3	3	2	2	1	1
-23.75°	5	5	5	5	4	3	3	2	2	1	1
-25°	5	5	5	5	4	3	3	2	2	1	1
-26.25°	5	5	5	4	3	3	2	2	2	1	1
-27.5°	5	5	5	4	3	3	2	2	1	1	1
-28.75°	5	5	4	4	3	2	2	2	1	1	1
-30°	5	5	4	3	3	2	2	2	1	1	1
-31.25°	5	4	4	3	3	2	2	1	1	1	1
-32.5°	5	4	3	3	2	2	2	1	1	1	1
-33.75°	4	4	3	3	2	2	1	1	1	1	1
-35°	4	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	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	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	0
-73.75°	1	1	1	1	1	1	1	1	0	0	0
-75°	1	1	1	1	1	1	0	0	0	0	0
-76.25°	1	1	1	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	1	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	1	0	0	0	0	0
65°	1	1	1	1	1	1	1	0	0	0	0
63.75°	1	1	1	1	1	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	0	0	0
61.25°	1	1	1	1	1	1	1	1	1	0	0
60°	1	1	1	1	1	1	1	1	1	0	0
58.75°	1	1	1	1	1	1	1	1	1	1	0
57.5°	1	1	1	1	1	1	1	1	1	1	0
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	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	1
22.5°	1	1	1	1	1	1	1	1	1	1	1
21.25°	1	1	1	1	1	1	1	1	1	1	1
20°	1	1	1	1	1	1	1	1	1	1	1
18.75°	1	1	1	1	1	1	1	1	1	1	1
17.5°	1	1	1	1	1	1	1	1	1	1	1
16.25°	1	1	1	1	1	1	1	1	1	1	1
15°	1	1	1	1	1	1	1	1	1	1	1
13.75°	1	1	1	1	1	1	1	1	1	1	1
12.5°	1	1	1	1	1	1	1	1	1	1	1
11.25°	1	1	1	1	1	1	1	1	1	1	1
10°	1	1	1	1	1	1	1	1	1	1	1
8.75°	1	1	1	1	1	1	1	1	1	1	1
7.5°	1	1	1	1	1	1	1	1	1	1	1
6.25°	1	1	1	1	1	1	1	1	1	1	1
5°	1	1	1	1	1	1	1	1	1	1	1
3.75°	1	1	1	1	1	1	1	1	1	1	1
2.5°	1	1	1	1	1	1	1	1	1	1	1
1.25°	1	1	1	1	1	1	1	1	1	1	1
0°	2	1	1	1	1	1	1	1	1	1	1
-1.25°	1	1	1	1	1	1	1	1	1	1	1
-2.5°	1	1	1	1	1	1	1	1	1	1	1
-3.75°	1	1	1	1	1	1	1	1	1	1	1
-5°	1	1	1	1	1	1	1	1	1	1	1
-6.25°	1	1	1	1	1	1	1	1	1	1	1
-7.5°	1	1	1	1	1	1	1	1	1	1	1
-8.75°	1	1	1	1	1	1	1	1	1	1	1
-10°	1	1	1	1	1	1	1	1	1	1	1
-11.25°	1	1	1	1	1	1	1	1	1	1	1
-12.5°	1	1	1	1	1	1	1	1	1	1	1
-13.75°	1	1	1	1	1	1	1	1	1	1	1
-15°	1	1	1	1	1	1	1	1	1	1	1
-16.25°	1	1	1	1	1	1	1	1	1	1	1
-17.5°	1	1	1	1	1	1	1	1	1	1	1
-18.75°	1	1	1	1	1	1	1	1	1	1	1
-20°	1	1	1	1	1	1	1	1	1	1	1
-21.25°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	1	1	1	1
-23.75°	1	1	1	1	1	1	1	1	1	1	1
-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	0
-58.75°	1	1	1	1	1	1	1	1	1	1	0
-60°	1	1	1	1	1	1	1	1	1	0	0
-61.25°	1	1	1	1	1	1	1	1	1	0	0
-62.5°	1	1	1	1	1	1	1	1	0	0	0
-63.75°	1	1	1	1	1	1	1	0	0	0	0
-65°	1	1	1	1	1	1	1	0	0	0	0
-66.25°	1	1	1	1	1	1	0	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	1	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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°	1	0	0	0	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0	0	0	0	0
51.25°	1	0	0	0	0	0	0	0	0	0	0
50°	1	1	0	0	0	0	0	0	0	0	0
48.75°	1	1	0	0	0	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0	0	0	0	0
46.25°	1	1	0	0	0	0	0	0	0	0	0
45°	1	1	1	0	0	0	0	0	0	0	0
43.75°	1	1	1	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	0	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	0	0	0	0	0	0	0
35°	1	1	1	1	0	0	0	0	0	0	0



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	0	0	0	0	0	0	0
32.5°	1	1	1	1	0	0	0	0	0	0	0
31.25°	1	1	1	1	0	0	0	0	0	0	0
30°	1	1	1	1	0	0	0	0	0	0	0
28.75°	1	1	1	1	1	0	0	0	0	0	0
27.5°	1	1	1	1	1	0	0	0	0	0	0
26.25°	1	1	1	1	1	0	0	0	0	0	0
25°	1	1	1	1	1	0	0	0	0	0	0
23.75°	1	1	1	1	1	0	0	0	0	0	0
22.5°	1	1	1	1	1	0	0	0	0	0	0
21.25°	1	1	1	1	1	0	0	0	0	0	0
20°	1	1	1	1	1	0	0	0	0	0	0
18.75°	1	1	1	1	1	0	0	0	0	0	0
17.5°	1	1	1	1	1	0	0	0	0	0	0
16.25°	1	1	1	1	1	0	0	0	0	0	0
15°	1	1	1	1	1	0	0	0	0	0	0
13.75°	1	1	1	1	1	0	0	0	0	0	0
12.5°	1	1	1	1	1	0	0	0	0	0	0
11.25°	1	1	1	1	1	0	0	0	0	0	0
10°	1	1	1	1	1	0	0	0	0	0	0
8.75°	1	1	1	1	1	0	0	0	0	0	0
7.5°	1	1	1	1	1	0	0	0	0	0	0
6.25°	1	1	1	1	1	0	0	0	0	0	0
5°	1	1	1	1	1	0	0	0	0	0	0
3.75°	1	1	1	1	1	0	0	0	0	0	0
2.5°	1	1	1	1	1	0	0	0	0	0	0
1.25°	1	1	1	1	1	0	0	0	0	0	0
0°	1	1	1	1	1	1	0	0	0	0	0
-1.25°	1	1	1	1	1	0	0	0	0	0	0
-2.5°	1	1	1	1	1	0	0	0	0	0	0
-3.75°	1	1	1	1	1	0	0	0	0	0	0
-5°	1	1	1	1	1	0	0	0	0	0	0
-6.25°	1	1	1	1	1	0	0	0	0	0	0
-7.5°	1	1	1	1	1	0	0	0	0	0	0
-8.75°	1	1	1	1	1	0	0	0	0	0	0
-10°	1	1	1	1	1	0	0	0	0	0	0
-11.25°	1	1	1	1	1	0	0	0	0	0	0
-12.5°	1	1	1	1	1	0	0	0	0	0	0
-13.75°	1	1	1	1	1	0	0	0	0	0	0
-15°	1	1	1	1	1	0	0	0	0	0	0
-16.25°	1	1	1	1	1	0	0	0	0	0	0
-17.5°	1	1	1	1	1	0	0	0	0	0	0
-18.75°	1	1	1	1	1	0	0	0	0	0	0
-20°	1	1	1	1	1	0	0	0	0	0	0
-21.25°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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	0	0	0	0	0	0
-23.75°	1	1	1	1	1	0	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	1	0	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	0	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	1	0	0	0	0	0	0	0
-36.25°	1	1	1	1	0	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	0	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	1	0	0	0	0	0	0	0	0
-45°	1	1	1	0	0	0	0	0	0	0	0
-46.25°	1	1	0	0	0	0	0	0	0	0	0
-47.5°	1	1	0	0	0	0	0	0	0	0	0
-48.75°	1	1	0	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	0	0	0	0	0	0	0	0	0	0
-52.5°	1	0	0	0	0	0	0	0	0	0	0
-53.75°	1	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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCW-F-WT-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: P221170 (CONVERTED FROM TYPE C PHOTOMETRY)

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