

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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29558)  
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-LEDCR-S-BK-LC2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT OPTIC, BLACK HOUSING.  
Light Source: (1) COLOR CHAGING MODULE, SET TO 3500K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

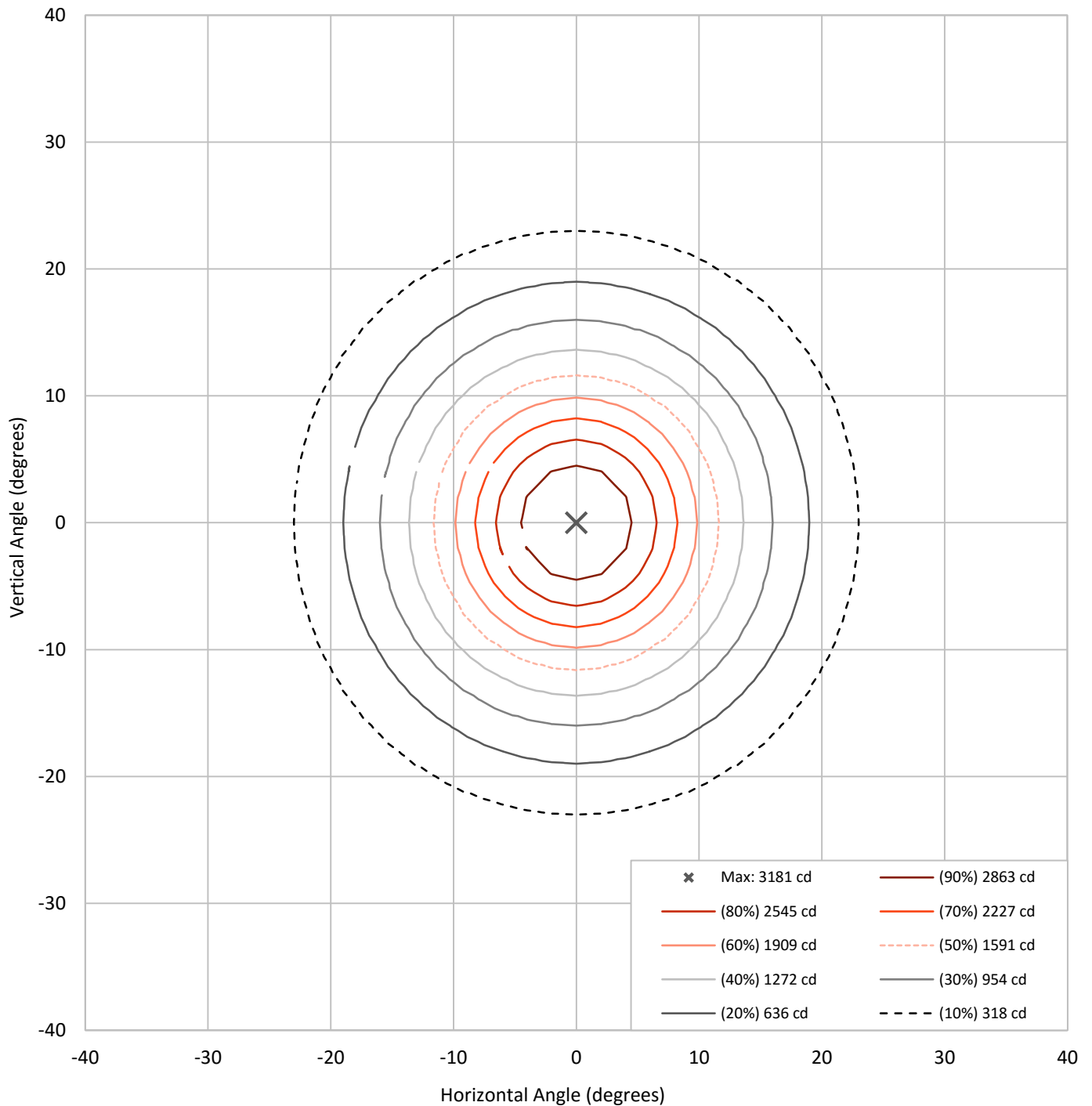
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	649.1 lumens	Max Intensity:	3181 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	26.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.2°H x 23.2°V	Field Angle (10%):	45.9°H x 45.9°V
Beam Lumens:	290.6 lumens	Field Lumens:	582.7 lumens
Beam Efficiency:	44.8%	Field Efficiency:	89.8%
Input Watts (W):	24.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-BK-LC2-UNV

### Iso-Candela Plot





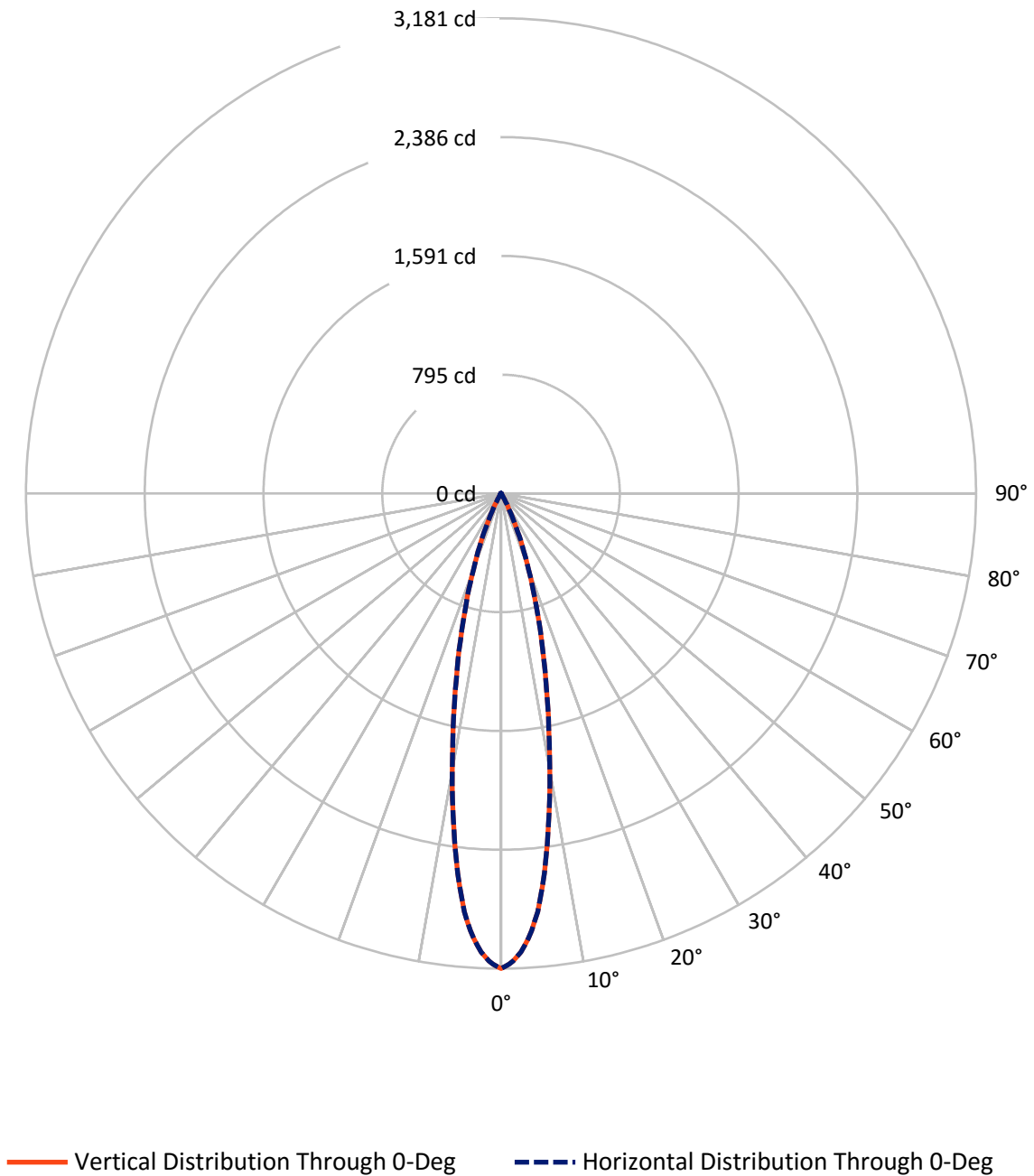
REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-BK-LC2-UNV

### Lumen Table

90	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					
80	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					
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					
60		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0		0.0				
50	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					
40		0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.0		0.0				
30	0.0	0.0	0.0	0.1	0.2	0.4	2.4	6.1	6.1	2.4	0.4	0.2	0.1	0.0	0.0				
20		0.0	0.0	0.1	0.2	2.3	13.8	29.9	29.9	13.8	2.3	0.2	0.1	0.0		0.0			
10	0.0	0.0	0.0	0.1	0.3	5.6	29.1	69.7	69.7	29.1	5.6	0.3	0.1	0.0	0.0				
0		0.0	0.0	0.1	0.3	5.6	29.1	69.7	69.7	29.1	5.6	0.3	0.1	0.0		0.0			
-10	0.0	0.0	0.0	0.1	0.2	2.3	13.8	29.9	29.9	13.8	2.3	0.2	0.1	0.0	0.0				
-20		0.0	0.0	0.1	0.2	0.4	2.4	6.1	6.1	2.4	0.4	0.2	0.1	0.0		0.0			
-30	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0				
-40		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			
-50	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
-60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0			
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
-80		0.0	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			
-90	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					
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

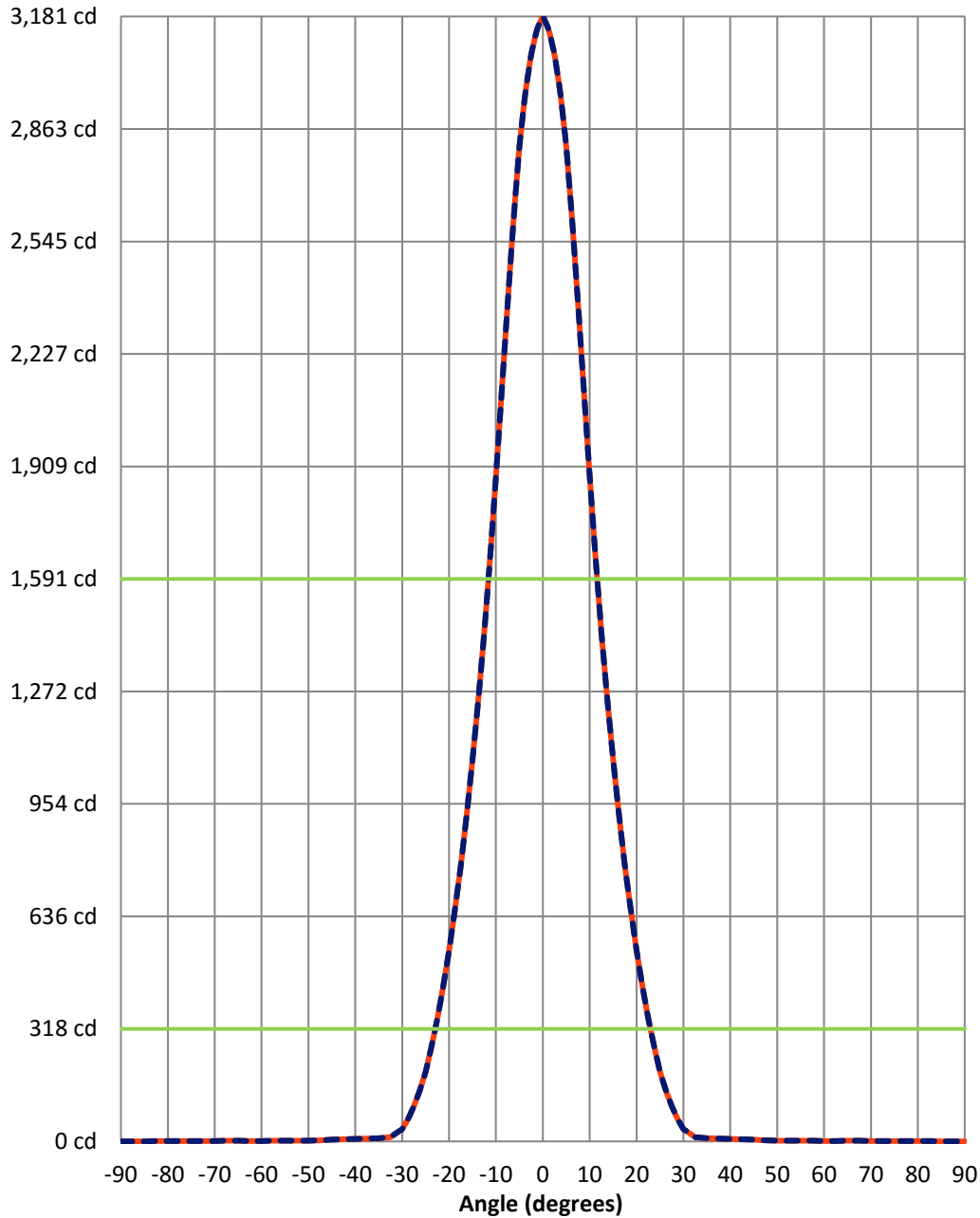
REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-BK-LC2-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.2°  
 V Angle: 23.2°  
 Lumens: 290.6  
 Efficiency: 44.8%

**Field:**  
 H Angle: 45.9°  
 V Angle: 45.9°  
 Lumens: 582.7  
 Efficiency: 89.8%

**Spill:**  
 Lumens: 66.4  
 Efficiency: 10.2%

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



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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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCL-S-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	2
32.5°	1	1	1	1	1	1	1	1	1	1	2
31.25°	1	1	1	1	1	1	1	1	1	1	2
30°	1	1	1	1	1	1	1	1	1	2	2
28.75°	1	1	1	1	1	1	1	1	1	2	2
27.5°	1	1	1	1	1	1	1	1	1	2	2
26.25°	1	1	1	1	1	1	1	1	1	2	2
25°	1	1	1	1	1	1	1	1	2	2	2
23.75°	1	1	1	1	1	1	1	1	2	2	2
22.5°	1	1	1	1	1	1	1	1	2	2	2
21.25°	1	1	1	1	1	1	1	1	2	2	2
20°	1	1	1	1	1	1	1	1	2	2	2
18.75°	1	1	1	1	1	1	1	1	2	2	2
17.5°	1	1	1	1	1	1	1	2	2	2	2
16.25°	1	1	1	1	1	1	1	2	2	2	2
15°	1	1	1	1	1	1	1	2	2	2	2
13.75°	1	1	1	1	1	1	1	2	2	2	2
12.5°	1	1	1	1	1	1	1	2	2	2	2
11.25°	1	1	1	1	1	1	1	2	2	2	2
10°	1	1	1	1	1	1	1	2	2	2	2
8.75°	1	1	1	1	1	1	1	2	2	2	2
7.5°	1	1	1	1	1	1	1	2	2	2	2
6.25°	1	1	1	1	1	1	1	2	2	2	2
5°	1	1	1	1	1	1	1	2	2	2	2
3.75°	1	1	1	1	1	1	1	2	2	2	2
2.5°	1	1	1	1	1	1	1	2	2	2	2
1.25°	1	1	1	1	1	1	1	2	2	2	2
0°	1	1	1	1	1	1	2	2	2	2	2
-1.25°	1	1	1	1	1	1	1	2	2	2	2
-2.5°	1	1	1	1	1	1	1	2	2	2	2
-3.75°	1	1	1	1	1	1	1	2	2	2	2
-5°	1	1	1	1	1	1	1	2	2	2	2
-6.25°	1	1	1	1	1	1	1	2	2	2	2
-7.5°	1	1	1	1	1	1	1	2	2	2	2
-8.75°	1	1	1	1	1	1	1	2	2	2	2
-10°	1	1	1	1	1	1	1	2	2	2	2
-11.25°	1	1	1	1	1	1	1	2	2	2	2
-12.5°	1	1	1	1	1	1	1	2	2	2	2
-13.75°	1	1	1	1	1	1	1	2	2	2	2
-15°	1	1	1	1	1	1	1	2	2	2	2
-16.25°	1	1	1	1	1	1	1	2	2	2	2
-17.5°	1	1	1	1	1	1	1	2	2	2	2
-18.75°	1	1	1	1	1	1	1	1	2	2	2
-20°	1	1	1	1	1	1	1	1	2	2	2
-21.25°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	2	2	2
-23.75°	1	1	1	1	1	1	1	1	2	2	2
-25°	1	1	1	1	1	1	1	1	2	2	2
-26.25°	1	1	1	1	1	1	1	1	1	2	2
-27.5°	1	1	1	1	1	1	1	1	1	2	2
-28.75°	1	1	1	1	1	1	1	1	1	2	2
-30°	1	1	1	1	1	1	1	1	1	2	2
-31.25°	1	1	1	1	1	1	1	1	1	1	2
-32.5°	1	1	1	1	1	1	1	1	1	1	2
-33.75°	1	1	1	1	1	1	1	1	1	1	2
-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	2
53.75°	1	1	1	1	1	1	1	1	1	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	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	2	2
47.5°	1	1	1	1	2	2	2	2	2	2	2
46.25°	1	1	1	1	2	2	2	2	2	2	1
45°	1	1	1	2	2	2	2	2	2	1	1
43.75°	1	1	1	2	2	2	2	2	2	1	1
42.5°	1	1	2	2	2	2	2	2	1	1	1
41.25°	1	1	2	2	2	2	2	1	1	1	1
40°	1	2	2	2	2	2	2	1	1	1	1
38.75°	1	2	2	2	2	2	1	1	1	1	1
37.5°	2	2	2	2	2	2	1	1	1	1	1
36.25°	2	2	2	2	2	1	1	1	1	1	1
35°	2	2	2	2	2	1	1	1	1	1	2



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	2	2	2	2	1	1	1	1	1	2	2
32.5°	2	2	2	2	1	1	1	1	1	2	2
31.25°	2	2	2	1	1	1	1	1	2	2	2
30°	2	2	2	1	1	1	1	1	2	2	2
28.75°	2	2	2	1	1	1	1	1	2	2	2
27.5°	2	2	1	1	1	1	1	2	2	2	2
26.25°	2	2	1	1	1	1	1	2	2	2	2
25°	2	2	1	1	1	1	2	2	2	2	2
23.75°	2	2	1	1	1	1	2	2	2	2	2
22.5°	2	1	1	1	1	1	2	2	2	2	2
21.25°	2	1	1	1	1	1	2	2	2	2	2
20°	2	1	1	1	1	2	2	2	2	2	2
18.75°	2	1	1	1	1	2	2	2	2	2	2
17.5°	2	1	1	1	1	2	2	2	2	2	2
16.25°	1	1	1	1	1	2	2	2	2	2	2
15°	1	1	1	1	2	2	2	2	2	2	2
13.75°	1	1	1	1	2	2	2	2	2	2	2
12.5°	1	1	1	1	2	2	2	2	2	2	2
11.25°	1	1	1	1	2	2	2	2	2	2	2
10°	1	1	1	1	2	2	2	2	2	2	2
8.75°	1	1	1	1	2	2	2	2	2	2	2
7.5°	1	1	1	1	2	2	2	2	2	2	2
6.25°	1	1	1	1	2	2	2	2	2	2	2
5°	1	1	1	1	2	2	2	2	2	2	2
3.75°	1	1	1	1	2	2	2	2	2	2	2
2.5°	1	1	1	1	2	2	2	2	2	2	2
1.25°	1	1	1	1	2	2	2	2	2	2	2
0°	1	1	1	2	2	2	2	2	2	2	2
-1.25°	1	1	1	1	2	2	2	2	2	2	2
-2.5°	1	1	1	1	2	2	2	2	2	2	2
-3.75°	1	1	1	1	2	2	2	2	2	2	2
-5°	1	1	1	1	2	2	2	2	2	2	2
-6.25°	1	1	1	1	2	2	2	2	2	2	2
-7.5°	1	1	1	1	2	2	2	2	2	2	2
-8.75°	1	1	1	1	2	2	2	2	2	2	2
-10°	1	1	1	1	2	2	2	2	2	2	2
-11.25°	1	1	1	1	2	2	2	2	2	2	2
-12.5°	1	1	1	1	2	2	2	2	2	2	2
-13.75°	1	1	1	1	2	2	2	2	2	2	2
-15°	1	1	1	1	2	2	2	2	2	2	2
-16.25°	1	1	1	1	1	2	2	2	2	2	2
-17.5°	2	1	1	1	1	2	2	2	2	2	2
-18.75°	2	1	1	1	1	2	2	2	2	2	2
-20°	2	1	1	1	1	2	2	2	2	2	2
-21.25°	2	1	1	1	1	1	2	2	2	2	2





REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	1	1	1	1	1	2	2	2	2	2
-23.75°	2	2	1	1	1	1	2	2	2	2	2
-25°	2	2	1	1	1	1	2	2	2	2	2
-26.25°	2	2	1	1	1	1	1	2	2	2	2
-27.5°	2	2	1	1	1	1	1	2	2	2	2
-28.75°	2	2	2	1	1	1	1	1	2	2	2
-30°	2	2	2	1	1	1	1	1	2	2	2
-31.25°	2	2	2	1	1	1	1	1	2	2	2
-32.5°	2	2	2	2	1	1	1	1	1	2	2
-33.75°	2	2	2	2	1	1	1	1	1	2	2
-35°	2	2	2	2	2	1	1	1	1	1	2
-36.25°	2	2	2	2	2	1	1	1	1	1	1
-37.5°	2	2	2	2	2	2	1	1	1	1	1
-38.75°	1	2	2	2	2	2	1	1	1	1	1
-40°	1	2	2	2	2	2	2	1	1	1	1
-41.25°	1	1	2	2	2	2	2	1	1	1	1
-42.5°	1	1	2	2	2	2	2	2	1	1	1
-43.75°	1	1	1	2	2	2	2	2	2	1	1
-45°	1	1	1	2	2	2	2	2	2	1	1
-46.25°	1	1	1	1	2	2	2	2	2	2	1
-47.5°	1	1	1	1	2	2	2	2	2	2	2
-48.75°	1	1	1	1	1	2	2	2	2	2	2
-50°	1	1	1	1	1	1	2	2	2	2	2
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	1	2	2
-55°	1	1	1	1	1	1	1	1	1	1	2
-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCL-S-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	2	2
61.25°	1	1	1	1	1	1	1	2	2	2	2
60°	1	1	1	1	1	2	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	2	2
57.5°	1	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	1
55°	2	2	2	2	2	2	2	2	1	1	1
53.75°	2	2	2	2	2	2	1	1	1	1	1
52.5°	2	2	2	2	2	1	1	1	1	1	1
51.25°	2	2	2	1	1	1	1	1	1	1	1
50°	2	2	1	1	1	1	1	1	1	1	1
48.75°	2	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	2	2	2	2	2
45°	1	1	1	1	1	2	2	2	2	2	2
43.75°	1	1	1	1	2	2	2	2	2	2	2
42.5°	1	1	1	2	2	2	2	2	2	2	2
41.25°	1	1	2	2	2	2	2	2	2	2	2
40°	1	1	2	2	2	2	2	2	2	2	2
38.75°	1	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	3



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	3	3
32.5°	2	2	2	2	2	2	2	2	2	3	3
31.25°	2	2	2	2	2	2	2	2	3	3	4
30°	2	2	2	2	2	2	2	3	3	4	4
28.75°	2	2	2	2	2	2	2	3	4	4	5
27.5°	2	2	2	2	2	2	3	3	4	5	5
26.25°	2	2	2	2	2	3	3	4	5	5	6
25°	2	2	2	2	2	3	3	4	5	5	6
23.75°	2	2	2	2	3	3	4	5	5	6	6
22.5°	2	2	2	2	3	3	4	5	5	6	6
21.25°	2	2	2	2	3	4	5	5	6	6	6
20°	2	2	2	3	3	4	5	5	6	6	7
18.75°	2	2	2	3	4	4	5	6	6	6	7
17.5°	2	2	3	3	4	5	5	6	6	7	7
16.25°	2	2	3	3	4	5	5	6	6	7	7
15°	2	2	3	3	4	5	6	6	7	7	7
13.75°	2	2	3	4	5	5	6	6	7	7	8
12.5°	2	3	3	4	5	5	6	6	7	7	8
11.25°	2	3	3	4	5	6	6	6	7	7	8
10°	2	3	3	4	5	6	6	7	7	8	8
8.75°	2	3	3	4	5	6	6	7	7	8	8
7.5°	2	3	4	5	5	6	6	7	7	8	8
6.25°	2	3	4	5	5	6	6	7	7	8	8
5°	2	3	4	5	5	6	6	7	7	8	8
3.75°	2	3	4	5	5	6	6	7	7	8	8
2.5°	2	3	4	5	5	6	6	7	7	8	8
1.25°	2	3	4	5	5	6	6	7	7	8	8
0°	3	3	4	5	6	6	7	7	8	8	9
-1.25°	2	3	4	5	5	6	6	7	7	8	8
-2.5°	2	3	4	5	5	6	6	7	7	8	8
-3.75°	2	3	4	5	5	6	6	7	7	8	8
-5°	2	3	4	5	5	6	6	7	7	8	8
-6.25°	2	3	4	5	5	6	6	7	7	8	8
-7.5°	2	3	4	5	5	6	6	7	7	8	8
-8.75°	2	3	3	4	5	6	6	7	7	8	8
-10°	2	3	3	4	5	6	6	7	7	8	8
-11.25°	2	3	3	4	5	6	6	6	7	7	8
-12.5°	2	3	3	4	5	5	6	6	7	7	8
-13.75°	2	2	3	4	5	5	6	6	7	7	8
-15°	2	2	3	3	4	5	6	6	7	7	7
-16.25°	2	2	3	3	4	5	5	6	6	7	7
-17.5°	2	2	3	3	4	5	5	6	6	7	7
-18.75°	2	2	2	3	4	4	5	6	6	6	7
-20°	2	2	2	3	3	4	5	5	6	6	7
-21.25°	2	2	2	2	3	4	5	5	6	6	6



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	3	3	4	5	5	6	6
-23.75°	2	2	2	2	3	3	4	5	5	6	6
-25°	2	2	2	2	2	3	3	4	5	5	6
-26.25°	2	2	2	2	2	3	3	4	5	5	6
-27.5°	2	2	2	2	2	2	3	3	4	5	5
-28.75°	2	2	2	2	2	2	2	3	4	4	5
-30°	2	2	2	2	2	2	2	3	3	4	4
-31.25°	2	2	2	2	2	2	2	2	3	3	4
-32.5°	2	2	2	2	2	2	2	2	2	3	3
-33.75°	2	2	2	2	2	2	2	2	2	3	3
-35°	2	2	2	2	2	2	2	2	2	2	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-40°	1	1	2	2	2	2	2	2	2	2	2
-41.25°	1	1	2	2	2	2	2	2	2	2	2
-42.5°	1	1	1	2	2	2	2	2	2	2	2
-43.75°	1	1	1	1	2	2	2	2	2	2	2
-45°	1	1	1	1	1	2	2	2	2	2	2
-46.25°	1	1	1	1	1	1	2	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-48.75°	2	1	1	1	1	1	1	1	1	2	2
-50°	2	2	1	1	1	1	1	1	1	1	1
-51.25°	2	2	2	1	1	1	1	1	1	1	1
-52.5°	2	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	2	2	1	1	1	1	1
-55°	2	2	2	2	2	2	2	2	1	1	1
-56.25°	2	2	2	2	2	2	2	2	2	2	1
-57.5°	1	2	2	2	2	2	2	2	2	2	2
-58.75°	1	1	1	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	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	2	2	2
65°	1	1	1	1	2	2	2	2	2	2	2
63.75°	1	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	1
60°	2	2	2	2	2	2	1	1	1	1	1
58.75°	2	2	2	1	1	1	1	1	1	1	1
57.5°	2	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	2	2	2
53.75°	1	1	1	1	1	1	2	2	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	2	2
51.25°	1	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	3	3
42.5°	2	2	2	2	2	2	2	3	3	3	3
41.25°	2	2	2	2	2	2	3	3	3	4	4
40°	2	2	2	2	3	3	3	4	4	5	5
38.75°	2	2	2	3	3	4	4	5	5	5	5
37.5°	2	3	3	3	4	4	5	5	5	6	6
36.25°	3	3	3	4	4	5	5	6	6	6	6
35°	3	3	4	5	5	5	6	6	6	6	7



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	3	4	5	5	5	6	6	6	7	7	7
32.5°	4	5	5	5	6	6	6	7	7	7	7
31.25°	5	5	5	6	6	6	7	7	7	8	8
30°	5	5	6	6	6	7	7	7	8	8	8
28.75°	5	6	6	6	7	7	7	8	8	8	9
27.5°	6	6	6	7	7	7	8	8	8	9	9
26.25°	6	6	7	7	7	8	8	8	9	9	10
25°	6	7	7	7	8	8	8	9	9	10	11
23.75°	6	7	7	8	8	8	9	9	10	11	14
22.5°	7	7	7	8	8	9	9	10	11	14	22
21.25°	7	7	8	8	9	9	10	11	13	22	30
20°	7	8	8	8	9	10	11	12	20	29	40
18.75°	7	8	8	9	9	10	12	18	27	37	57
17.5°	8	8	8	9	10	11	15	24	33	52	78
16.25°	8	8	9	9	10	12	20	30	45	70	100
15°	8	8	9	10	11	15	25	36	59	89	123
13.75°	8	9	9	10	12	20	30	47	75	108	146
12.5°	8	9	10	11	14	25	35	59	91	128	171
11.25°	8	9	10	11	18	29	45	73	108	148	196
10°	9	9	10	12	21	32	53	85	123	168	224
8.75°	9	9	11	14	25	36	63	98	138	187	250
7.5°	9	10	11	16	27	43	72	109	152	206	274
6.25°	9	10	11	18	30	48	80	119	165	224	294
5°	9	10	12	20	32	53	87	128	177	240	312
3.75°	9	10	12	22	33	57	92	135	185	251	327
2.5°	9	10	12	23	34	60	97	140	192	261	338
1.25°	9	10	12	23	35	62	99	143	196	266	345
0°	9	11	12	24	35	63	100	144	197	268	347
-1.25°	9	10	12	23	35	62	99	143	196	266	345
-2.5°	9	10	12	23	34	60	97	140	192	261	338
-3.75°	9	10	12	22	33	57	92	135	185	251	327
-5°	9	10	12	20	32	53	87	128	177	240	312
-6.25°	9	10	11	18	30	48	80	119	165	224	294
-7.5°	9	10	11	16	27	43	72	109	152	206	274
-8.75°	9	9	11	14	25	36	63	98	138	187	250
-10°	9	9	10	12	21	32	53	85	123	168	224
-11.25°	8	9	10	11	18	29	45	73	108	148	196
-12.5°	8	9	10	11	14	25	35	59	91	128	171
-13.75°	8	9	9	10	12	20	30	47	75	108	146
-15°	8	8	9	10	11	15	25	36	59	89	123
-16.25°	8	8	9	9	10	12	20	30	45	70	100
-17.5°	8	8	8	9	10	11	15	24	33	52	78
-18.75°	7	8	8	9	9	10	12	18	27	37	57
-20°	7	8	8	8	9	10	11	12	20	29	40
-21.25°	7	7	8	8	9	9	10	11	13	22	30





REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	7	7	7	8	8	9	9	10	11	14	22
-23.75°	6	7	7	8	8	8	9	9	10	11	14
-25°	6	7	7	7	8	8	8	9	9	10	11
-26.25°	6	6	7	7	7	8	8	8	9	9	10
-27.5°	6	6	6	7	7	7	8	8	8	9	9
-28.75°	5	6	6	6	7	7	7	8	8	8	9
-30°	5	5	6	6	6	7	7	7	8	8	8
-31.25°	5	5	5	6	6	6	7	7	7	8	8
-32.5°	4	5	5	5	6	6	6	7	7	7	7
-33.75°	3	4	5	5	5	6	6	6	7	7	7
-35°	3	3	4	5	5	5	6	6	6	6	7
-36.25°	3	3	3	4	4	5	5	6	6	6	6
-37.5°	2	3	3	3	4	4	5	5	5	6	6
-38.75°	2	2	2	3	3	4	4	5	5	5	5
-40°	2	2	2	2	3	3	3	4	4	5	5
-41.25°	2	2	2	2	2	2	3	3	3	4	4
-42.5°	2	2	2	2	2	2	2	3	3	3	3
-43.75°	2	2	2	2	2	2	2	2	2	3	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-52.5°	1	1	1	2	2	2	2	2	2	2	2
-53.75°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	1	2	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	2	1	1	1	1	1	1	1	1	1	1
-58.75°	2	2	2	1	1	1	1	1	1	1	1
-60°	2	2	2	2	2	2	1	1	1	1	1
-61.25°	2	2	2	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	1	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	1	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	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	2	2	2	2	2	2
56.25°	1	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	3	3	3	3
46.25°	2	2	2	3	3	3	3	3	3	3	3
45°	2	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	4	4	4	4	5	5	5	5	5
42.5°	4	4	4	5	5	5	5	5	6	6	6
41.25°	5	5	5	5	5	6	6	6	6	6	6
40°	5	5	6	6	6	6	6	6	6	7	7
38.75°	6	6	6	6	6	7	7	7	7	7	7
37.5°	6	6	6	7	7	7	7	7	7	8	8
36.25°	6	7	7	7	7	7	8	8	8	8	8
35°	7	7	7	8	8	8	8	8	8	9	9



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	7	8	8	8	8	8	9	9	9	9	9
32.5°	8	8	8	8	9	9	9	10	10	10	11
31.25°	8	8	9	9	9	10	10	11	11	12	14
30°	9	9	9	10	10	11	12	14	18	21	25
28.75°	9	10	10	11	12	15	20	25	29	32	36
27.5°	10	11	12	15	20	25	30	35	45	53	63
26.25°	11	12	18	24	30	36	47	59	73	85	98
25°	13	20	27	33	45	59	75	91	108	123	138
23.75°	22	29	37	52	70	89	108	128	148	168	187
22.5°	30	40	57	78	100	123	146	171	196	224	250
21.25°	41	60	83	107	134	161	191	225	258	290	320
20°	60	84	111	141	172	207	247	286	324	363	399
18.75°	83	111	143	178	218	262	307	353	399	444	488
17.5°	107	141	178	222	271	320	373	427	481	534	586
16.25°	134	172	218	271	325	383	444	507	570	631	688
15°	161	207	262	320	383	450	520	592	663	730	799
13.75°	191	247	307	373	444	520	600	679	758	840	922
12.5°	225	286	353	427	507	592	679	768	862	957	1052
11.25°	258	324	399	481	570	663	758	862	970	1079	1185
10°	290	363	444	534	631	730	840	957	1079	1200	1322
8.75°	320	399	488	586	688	799	922	1052	1185	1322	1462
7.5°	349	434	528	633	742	865	1000	1141	1287	1442	1605
6.25°	374	464	565	674	792	926	1070	1221	1383	1557	1742
5°	396	491	597	709	835	978	1132	1294	1471	1663	1868
3.75°	414	512	622	738	873	1022	1181	1353	1544	1754	1975
2.5°	427	528	640	761	900	1054	1218	1400	1602	1824	2056
1.25°	435	537	652	775	917	1073	1242	1429	1637	1867	2107
0°	438	540	656	780	922	1080	1250	1439	1649	1881	2125
-1.25°	435	537	652	775	917	1073	1242	1429	1637	1867	2107
-2.5°	427	528	640	761	900	1054	1218	1400	1602	1824	2056
-3.75°	414	512	622	738	873	1022	1181	1353	1544	1754	1975
-5°	396	491	597	709	835	978	1132	1294	1471	1663	1868
-6.25°	374	464	565	674	792	926	1070	1221	1383	1557	1742
-7.5°	349	434	528	633	742	865	1000	1141	1287	1442	1605
-8.75°	320	399	488	586	688	799	922	1052	1185	1322	1462
-10°	290	363	444	534	631	730	840	957	1079	1200	1322
-11.25°	258	324	399	481	570	663	758	862	970	1079	1185
-12.5°	225	286	353	427	507	592	679	768	862	957	1052
-13.75°	191	247	307	373	444	520	600	679	758	840	922
-15°	161	207	262	320	383	450	520	592	663	730	799
-16.25°	134	172	218	271	325	383	444	507	570	631	688
-17.5°	107	141	178	222	271	320	373	427	481	534	586
-18.75°	83	111	143	178	218	262	307	353	399	444	488
-20°	60	84	111	141	172	207	247	286	324	363	399
-21.25°	41	60	83	107	134	161	191	225	258	290	320



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	30	40	57	78	100	123	146	171	196	224	250
-23.75°	22	29	37	52	70	89	108	128	148	168	187
-25°	13	20	27	33	45	59	75	91	108	123	138
-26.25°	11	12	18	24	30	36	47	59	73	85	98
-27.5°	10	11	12	15	20	25	30	35	45	53	63
-28.75°	9	10	10	11	12	15	20	25	29	32	36
-30°	9	9	9	10	10	11	12	14	18	21	25
-31.25°	8	8	9	9	9	10	10	11	11	12	14
-32.5°	8	8	8	8	9	9	9	10	10	10	11
-33.75°	7	8	8	8	8	8	9	9	9	9	9
-35°	7	7	7	8	8	8	8	8	8	9	9
-36.25°	6	7	7	7	7	7	8	8	8	8	8
-37.5°	6	6	6	7	7	7	7	7	7	8	8
-38.75°	6	6	6	6	6	7	7	7	7	7	7
-40°	5	5	6	6	6	6	6	6	6	7	7
-41.25°	5	5	5	5	5	6	6	6	6	6	6
-42.5°	4	4	4	5	5	5	5	5	6	6	6
-43.75°	3	3	4	4	4	4	5	5	5	5	5
-45°	2	3	3	3	3	3	4	4	4	4	4
-46.25°	2	2	2	3	3	3	3	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-57.5°	1	1	1	1	1	2	2	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°	2	2	2	2	1	1	1	1	1	1	1
-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°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	2	2	2	2	2	2	2	2
-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	2	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
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	2	1	1	1	1
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	3	2	2	2	2
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	6	5	5	5	5
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	6	6	6	6	6	6	7	6	6	6	6
40°	7	7	7	7	7	7	7	7	7	7	7
38.75°	7	7	7	7	7	7	8	7	7	7	7
37.5°	8	8	8	8	8	8	8	8	8	8	8
36.25°	8	8	8	8	8	8	9	8	8	8	8
35°	9	9	9	9	9	9	9	9	9	9	9



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	10	10	10	10	10	10	11	10	10	10	10
32.5°	11	11	12	12	12	12	12	12	12	12	12
31.25°	16	18	20	22	23	23	24	23	23	22	20
30°	27	30	32	33	34	35	35	35	34	33	32
28.75°	43	48	53	57	60	62	63	62	60	57	53
27.5°	72	80	87	92	97	99	100	99	97	92	87
26.25°	109	119	128	135	140	143	144	143	140	135	128
25°	152	165	177	185	192	196	197	196	192	185	177
23.75°	206	224	240	251	261	266	268	266	261	251	240
22.5°	274	294	312	327	338	345	347	345	338	327	312
21.25°	349	374	396	414	427	435	438	435	427	414	396
20°	434	464	491	512	528	537	540	537	528	512	491
18.75°	528	565	597	622	640	652	656	652	640	622	597
17.5°	633	674	709	738	761	775	780	775	761	738	709
16.25°	742	792	835	873	900	917	922	917	900	873	835
15°	865	926	978	1022	1054	1073	1080	1073	1054	1022	978
13.75°	1000	1070	1132	1181	1218	1242	1250	1242	1218	1181	1132
12.5°	1141	1221	1294	1353	1400	1429	1439	1429	1400	1353	1294
11.25°	1287	1383	1471	1544	1602	1637	1649	1637	1602	1544	1471
10°	1442	1557	1663	1754	1824	1867	1881	1867	1824	1754	1663
8.75°	1605	1742	1868	1975	2056	2107	2125	2107	2056	1975	1868
7.5°	1770	1929	2074	2198	2292	2350	2371	2350	2292	2198	2074
6.25°	1929	2109	2273	2412	2518	2584	2607	2584	2518	2412	2273
5°	2074	2273	2455	2607	2719	2788	2813	2788	2719	2607	2455
3.75°	2198	2412	2607	2765	2876	2946	2965	2946	2876	2765	2607
2.5°	2292	2518	2719	2876	2986	3052	3073	3052	2986	2876	2719
1.25°	2350	2584	2788	2946	3052	3120	3146	3120	3052	2946	2788
0°	2371	2607	2813	2965	3073	3146	3181	3146	3073	2965	2813
-1.25°	2350	2584	2788	2946	3052	3120	3146	3120	3052	2946	2788
-2.5°	2292	2518	2719	2876	2986	3052	3073	3052	2986	2876	2719
-3.75°	2198	2412	2607	2765	2876	2946	2965	2946	2876	2765	2607
-5°	2074	2273	2455	2607	2719	2788	2813	2788	2719	2607	2455
-6.25°	1929	2109	2273	2412	2518	2584	2607	2584	2518	2412	2273
-7.5°	1770	1929	2074	2198	2292	2350	2371	2350	2292	2198	2074
-8.75°	1605	1742	1868	1975	2056	2107	2125	2107	2056	1975	1868
-10°	1442	1557	1663	1754	1824	1867	1881	1867	1824	1754	1663
-11.25°	1287	1383	1471	1544	1602	1637	1649	1637	1602	1544	1471
-12.5°	1141	1221	1294	1353	1400	1429	1439	1429	1400	1353	1294
-13.75°	1000	1070	1132	1181	1218	1242	1250	1242	1218	1181	1132
-15°	865	926	978	1022	1054	1073	1080	1073	1054	1022	978
-16.25°	742	792	835	873	900	917	922	917	900	873	835
-17.5°	633	674	709	738	761	775	780	775	761	738	709
-18.75°	528	565	597	622	640	652	656	652	640	622	597
-20°	434	464	491	512	528	537	540	537	528	512	491
-21.25°	349	374	396	414	427	435	438	435	427	414	396





REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	274	294	312	327	338	345	347	345	338	327	312
-23.75°	206	224	240	251	261	266	268	266	261	251	240
-25°	152	165	177	185	192	196	197	196	192	185	177
-26.25°	109	119	128	135	140	143	144	143	140	135	128
-27.5°	72	80	87	92	97	99	100	99	97	92	87
-28.75°	43	48	53	57	60	62	63	62	60	57	53
-30°	27	30	32	33	34	35	35	35	34	33	32
-31.25°	16	18	20	22	23	23	24	23	23	22	20
-32.5°	11	11	12	12	12	12	12	12	12	12	12
-33.75°	10	10	10	10	10	10	11	10	10	10	10
-35°	9	9	9	9	9	9	9	9	9	9	9
-36.25°	8	8	8	8	8	8	9	8	8	8	8
-37.5°	8	8	8	8	8	8	8	8	8	8	8
-38.75°	7	7	7	7	7	7	8	7	7	7	7
-40°	7	7	7	7	7	7	7	7	7	7	7
-41.25°	6	6	6	6	6	6	7	6	6	6	6
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	5	5	5	5	5	5	6	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	2	2	2	2	2	2	3	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°	1	1	1	1	1	1	2	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°	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°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	2	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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	2	2	2	2	2	2	2	2	2	2	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	1	1	1	1	1	1	1	1	1	2	2
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°	2	2	2	2	2	2	2	2	1	1	1
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°	3	3	3	3	3	3	2	2	2	2	2
46.25°	4	4	3	3	3	3	3	3	3	3	2
45°	5	5	4	4	4	4	4	3	3	3	3
43.75°	5	5	5	5	5	5	5	4	4	4	4
42.5°	6	6	6	6	6	5	5	5	5	5	4
41.25°	6	6	6	6	6	6	6	6	5	5	5
40°	7	7	7	7	6	6	6	6	6	6	6
38.75°	7	7	7	7	7	7	7	7	6	6	6
37.5°	8	8	8	8	7	7	7	7	7	7	6
36.25°	8	8	8	8	8	8	8	7	7	7	7
35°	9	9	9	9	8	8	8	8	8	8	7



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	10	10	9	9	9	9	9	8	8	8	8
32.5°	11	11	11	10	10	10	9	9	9	8	8
31.25°	18	16	14	12	11	11	10	10	9	9	9
30°	30	27	25	21	18	14	12	11	10	10	9
28.75°	48	43	36	32	29	25	20	15	12	11	10
27.5°	80	72	63	53	45	35	30	25	20	15	12
26.25°	119	109	98	85	73	59	47	36	30	24	18
25°	165	152	138	123	108	91	75	59	45	33	27
23.75°	224	206	187	168	148	128	108	89	70	52	37
22.5°	294	274	250	224	196	171	146	123	100	78	57
21.25°	374	349	320	290	258	225	191	161	134	107	83
20°	464	434	399	363	324	286	247	207	172	141	111
18.75°	565	528	488	444	399	353	307	262	218	178	143
17.5°	674	633	586	534	481	427	373	320	271	222	178
16.25°	792	742	688	631	570	507	444	383	325	271	218
15°	926	865	799	730	663	592	520	450	383	320	262
13.75°	1070	1000	922	840	758	679	600	520	444	373	307
12.5°	1221	1141	1052	957	862	768	679	592	507	427	353
11.25°	1383	1287	1185	1079	970	862	758	663	570	481	399
10°	1557	1442	1322	1200	1079	957	840	730	631	534	444
8.75°	1742	1605	1462	1322	1185	1052	922	799	688	586	488
7.5°	1929	1770	1605	1442	1287	1141	1000	865	742	633	528
6.25°	2109	1929	1742	1557	1383	1221	1070	926	792	674	565
5°	2273	2074	1868	1663	1471	1294	1132	978	835	709	597
3.75°	2412	2198	1975	1754	1544	1353	1181	1022	873	738	622
2.5°	2518	2292	2056	1824	1602	1400	1218	1054	900	761	640
1.25°	2584	2350	2107	1867	1637	1429	1242	1073	917	775	652
0°	2607	2371	2125	1881	1649	1439	1250	1080	922	780	656
-1.25°	2584	2350	2107	1867	1637	1429	1242	1073	917	775	652
-2.5°	2518	2292	2056	1824	1602	1400	1218	1054	900	761	640
-3.75°	2412	2198	1975	1754	1544	1353	1181	1022	873	738	622
-5°	2273	2074	1868	1663	1471	1294	1132	978	835	709	597
-6.25°	2109	1929	1742	1557	1383	1221	1070	926	792	674	565
-7.5°	1929	1770	1605	1442	1287	1141	1000	865	742	633	528
-8.75°	1742	1605	1462	1322	1185	1052	922	799	688	586	488
-10°	1557	1442	1322	1200	1079	957	840	730	631	534	444
-11.25°	1383	1287	1185	1079	970	862	758	663	570	481	399
-12.5°	1221	1141	1052	957	862	768	679	592	507	427	353
-13.75°	1070	1000	922	840	758	679	600	520	444	373	307
-15°	926	865	799	730	663	592	520	450	383	320	262
-16.25°	792	742	688	631	570	507	444	383	325	271	218
-17.5°	674	633	586	534	481	427	373	320	271	222	178
-18.75°	565	528	488	444	399	353	307	262	218	178	143
-20°	464	434	399	363	324	286	247	207	172	141	111
-21.25°	374	349	320	290	258	225	191	161	134	107	83



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	294	274	250	224	196	171	146	123	100	78	57
-23.75°	224	206	187	168	148	128	108	89	70	52	37
-25°	165	152	138	123	108	91	75	59	45	33	27
-26.25°	119	109	98	85	73	59	47	36	30	24	18
-27.5°	80	72	63	53	45	35	30	25	20	15	12
-28.75°	48	43	36	32	29	25	20	15	12	11	10
-30°	30	27	25	21	18	14	12	11	10	10	9
-31.25°	18	16	14	12	11	11	10	10	9	9	9
-32.5°	11	11	11	10	10	10	9	9	9	8	8
-33.75°	10	10	9	9	9	9	9	8	8	8	8
-35°	9	9	9	9	8	8	8	8	8	8	7
-36.25°	8	8	8	8	8	8	8	7	7	7	7
-37.5°	8	8	8	8	7	7	7	7	7	7	6
-38.75°	7	7	7	7	7	7	7	7	6	6	6
-40°	7	7	7	7	6	6	6	6	6	6	6
-41.25°	6	6	6	6	6	6	6	6	5	5	5
-42.5°	6	6	6	6	6	5	5	5	5	5	4
-43.75°	5	5	5	5	5	5	5	4	4	4	4
-45°	5	5	4	4	4	4	4	3	3	3	3
-46.25°	4	4	3	3	3	3	3	3	3	3	2
-47.5°	3	3	3	3	3	3	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	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	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°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	2	2	2	2	2	1	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	1	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°	1	1	1	2	2	2	2	2	2	2	2
60°	1	1	1	1	1	1	1	2	2	2	2
58.75°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	2	1	1	1	1	1	1	1	1	1	1
55°	2	2	2	2	2	1	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	1	1	1
52.5°	2	2	2	2	2	2	2	2	2	2	1
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	2	2	2	2	2	2	2	2	2	2
43.75°	3	3	3	3	2	2	2	2	2	2	2
42.5°	4	4	3	3	3	3	2	2	2	2	2
41.25°	5	5	4	4	3	3	3	2	2	2	2
40°	5	5	5	5	4	4	3	3	3	2	2
38.75°	6	6	5	5	5	5	4	4	3	3	2
37.5°	6	6	6	6	5	5	5	4	4	3	3
36.25°	7	6	6	6	6	6	5	5	4	4	3
35°	7	7	7	6	6	6	6	5	5	5	4



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	8	7	7	7	7	6	6	6	5	5	5
32.5°	8	8	7	7	7	7	6	6	6	5	5
31.25°	8	8	8	8	7	7	7	6	6	6	5
30°	9	9	8	8	8	7	7	7	6	6	6
28.75°	10	9	9	8	8	8	7	7	7	6	6
27.5°	11	10	9	9	8	8	8	7	7	7	6
26.25°	12	11	10	9	9	8	8	8	7	7	7
25°	20	13	11	10	9	9	8	8	8	7	7
23.75°	29	22	14	11	10	9	9	8	8	8	7
22.5°	40	30	22	14	11	10	9	9	8	8	7
21.25°	60	41	30	22	13	11	10	9	9	8	8
20°	84	60	40	29	20	12	11	10	9	8	8
18.75°	111	83	57	37	27	18	12	10	9	9	8
17.5°	141	107	78	52	33	24	15	11	10	9	8
16.25°	172	134	100	70	45	30	20	12	10	9	9
15°	207	161	123	89	59	36	25	15	11	10	9
13.75°	247	191	146	108	75	47	30	20	12	10	9
12.5°	286	225	171	128	91	59	35	25	14	11	10
11.25°	324	258	196	148	108	73	45	29	18	11	10
10°	363	290	224	168	123	85	53	32	21	12	10
8.75°	399	320	250	187	138	98	63	36	25	14	11
7.5°	434	349	274	206	152	109	72	43	27	16	11
6.25°	464	374	294	224	165	119	80	48	30	18	11
5°	491	396	312	240	177	128	87	53	32	20	12
3.75°	512	414	327	251	185	135	92	57	33	22	12
2.5°	528	427	338	261	192	140	97	60	34	23	12
1.25°	537	435	345	266	196	143	99	62	35	23	12
0°	540	438	347	268	197	144	100	63	35	24	12
-1.25°	537	435	345	266	196	143	99	62	35	23	12
-2.5°	528	427	338	261	192	140	97	60	34	23	12
-3.75°	512	414	327	251	185	135	92	57	33	22	12
-5°	491	396	312	240	177	128	87	53	32	20	12
-6.25°	464	374	294	224	165	119	80	48	30	18	11
-7.5°	434	349	274	206	152	109	72	43	27	16	11
-8.75°	399	320	250	187	138	98	63	36	25	14	11
-10°	363	290	224	168	123	85	53	32	21	12	10
-11.25°	324	258	196	148	108	73	45	29	18	11	10
-12.5°	286	225	171	128	91	59	35	25	14	11	10
-13.75°	247	191	146	108	75	47	30	20	12	10	9
-15°	207	161	123	89	59	36	25	15	11	10	9
-16.25°	172	134	100	70	45	30	20	12	10	9	9
-17.5°	141	107	78	52	33	24	15	11	10	9	8
-18.75°	111	83	57	37	27	18	12	10	9	9	8
-20°	84	60	40	29	20	12	11	10	9	8	8
-21.25°	60	41	30	22	13	11	10	9	9	8	8





REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	40	30	22	14	11	10	9	9	8	8	7
-23.75°	29	22	14	11	10	9	9	8	8	8	7
-25°	20	13	11	10	9	9	8	8	8	7	7
-26.25°	12	11	10	9	9	8	8	8	7	7	7
-27.5°	11	10	9	9	8	8	8	7	7	7	6
-28.75°	10	9	9	8	8	8	7	7	7	6	6
-30°	9	9	8	8	8	7	7	7	6	6	6
-31.25°	8	8	8	8	7	7	7	6	6	6	5
-32.5°	8	8	7	7	7	7	6	6	6	5	5
-33.75°	8	7	7	7	7	6	6	6	5	5	5
-35°	7	7	7	6	6	6	6	5	5	5	4
-36.25°	7	6	6	6	6	6	5	5	4	4	3
-37.5°	6	6	6	6	5	5	5	4	4	3	3
-38.75°	6	6	5	5	5	5	4	4	3	3	2
-40°	5	5	5	5	4	4	3	3	3	2	2
-41.25°	5	5	4	4	3	3	3	2	2	2	2
-42.5°	4	4	3	3	3	3	2	2	2	2	2
-43.75°	3	3	3	3	2	2	2	2	2	2	2
-45°	3	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	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	1	1	1	1	1	1
-56.25°	2	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	2
-60°	1	1	1	1	1	1	1	2	2	2	2
-61.25°	1	1	1	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	1	1
-66.25°	2	2	2	2	2	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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	2	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	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	1
57.5°	1	2	2	2	2	2	2	2	2	2	2
56.25°	1	1	1	2	2	2	2	2	2	2	2
55°	1	1	1	1	1	2	2	2	2	2	2
53.75°	1	1	1	1	1	1	1	2	2	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	2	1	1	1	1	1	1	1	1	1	2
50°	2	2	1	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	2	1	1	1	1
45°	2	2	2	2	2	2	2	2	1	1	1
43.75°	2	2	2	2	2	2	2	2	2	1	1
42.5°	2	2	2	2	2	2	2	2	2	2	1
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°	3	2	2	2	2	2	2	2	2	2	2
36.25°	3	3	2	2	2	2	2	2	2	2	2
35°	3	3	3	2	2	2	2	2	2	2	2



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	4	3	3	3	2	2	2	2	2	2	2
32.5°	5	4	3	3	2	2	2	2	2	2	2
31.25°	5	5	4	3	3	2	2	2	2	2	2
30°	5	5	4	4	3	3	2	2	2	2	2
28.75°	6	5	5	4	4	3	2	2	2	2	2
27.5°	6	6	5	5	4	3	3	2	2	2	2
26.25°	6	6	6	5	5	4	3	3	2	2	2
25°	7	6	6	5	5	4	3	3	2	2	2
23.75°	7	6	6	6	5	5	4	3	3	2	2
22.5°	7	7	6	6	5	5	4	3	3	2	2
21.25°	7	7	6	6	6	5	5	4	3	2	2
20°	8	7	7	6	6	5	5	4	3	3	2
18.75°	8	7	7	6	6	6	5	4	4	3	2
17.5°	8	8	7	7	6	6	5	5	4	3	3
16.25°	8	8	7	7	6	6	5	5	4	3	3
15°	8	8	7	7	7	6	6	5	4	3	3
13.75°	9	8	8	7	7	6	6	5	5	4	3
12.5°	9	8	8	7	7	6	6	5	5	4	3
11.25°	9	8	8	7	7	6	6	6	5	4	3
10°	9	9	8	8	7	7	6	6	5	4	3
8.75°	9	9	8	8	7	7	6	6	5	4	3
7.5°	10	9	8	8	7	7	6	6	5	5	4
6.25°	10	9	8	8	7	7	6	6	5	5	4
5°	10	9	8	8	7	7	6	6	5	5	4
3.75°	10	9	8	8	7	7	6	6	5	5	4
2.5°	10	9	8	8	7	7	6	6	5	5	4
1.25°	10	9	8	8	7	7	6	6	5	5	4
0°	11	9	9	8	8	7	7	6	6	5	4
-1.25°	10	9	8	8	7	7	6	6	5	5	4
-2.5°	10	9	8	8	7	7	6	6	5	5	4
-3.75°	10	9	8	8	7	7	6	6	5	5	4
-5°	10	9	8	8	7	7	6	6	5	5	4
-6.25°	10	9	8	8	7	7	6	6	5	5	4
-7.5°	10	9	8	8	7	7	6	6	5	5	4
-8.75°	9	9	8	8	7	7	6	6	5	4	3
-10°	9	9	8	8	7	7	6	6	5	4	3
-11.25°	9	8	8	7	7	6	6	6	5	4	3
-12.5°	9	8	8	7	7	6	6	5	5	4	3
-13.75°	9	8	8	7	7	6	6	5	5	4	3
-15°	8	8	7	7	7	6	6	5	4	3	3
-16.25°	8	8	7	7	6	6	5	5	4	3	3
-17.5°	8	8	7	7	6	6	5	5	4	3	3
-18.75°	8	7	7	6	6	6	5	4	4	3	2
-20°	8	7	7	6	6	5	5	4	3	3	2
-21.25°	7	7	6	6	6	5	5	4	3	2	2



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	7	7	6	6	5	5	4	3	3	2	2
-23.75°	7	6	6	6	5	5	4	3	3	2	2
-25°	7	6	6	5	5	4	3	3	2	2	2
-26.25°	6	6	6	5	5	4	3	3	2	2	2
-27.5°	6	6	5	5	4	3	3	2	2	2	2
-28.75°	6	5	5	4	4	3	2	2	2	2	2
-30°	5	5	4	4	3	3	2	2	2	2	2
-31.25°	5	5	4	3	3	2	2	2	2	2	2
-32.5°	5	4	3	3	2	2	2	2	2	2	2
-33.75°	4	3	3	3	2	2	2	2	2	2	2
-35°	3	3	3	2	2	2	2	2	2	2	2
-36.25°	3	3	2	2	2	2	2	2	2	2	2
-37.5°	3	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	1
-43.75°	2	2	2	2	2	2	2	2	2	1	1
-45°	2	2	2	2	2	2	2	2	1	1	1
-46.25°	2	2	2	2	2	2	2	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	1	1	1	1	1	1	1	1	1
-51.25°	2	1	1	1	1	1	1	1	1	1	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	2	2	2	2
-55°	1	1	1	1	1	2	2	2	2	2	2
-56.25°	1	1	1	2	2	2	2	2	2	2	2
-57.5°	1	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	1
-60°	2	2	2	2	2	2	2	2	1	1	1
-61.25°	2	2	2	2	2	2	1	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	2	1	1	1	1	1	1	1	1	1	1
56.25°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	1	1	1	1	1	1	1	1
53.75°	2	2	2	2	1	1	1	1	1	1	1
52.5°	2	2	2	2	2	1	1	1	1	1	1
51.25°	2	2	2	2	2	2	1	1	1	1	1
50°	2	2	2	2	2	2	2	1	1	1	1
48.75°	1	2	2	2	2	2	2	2	1	1	1
47.5°	1	1	2	2	2	2	2	2	2	1	1
46.25°	1	1	1	2	2	2	2	2	2	1	1
45°	1	1	1	1	2	2	2	2	2	2	1
43.75°	1	1	1	1	2	2	2	2	2	2	1
42.5°	1	1	1	1	1	2	2	2	2	2	2
41.25°	1	1	1	1	1	1	2	2	2	2	2
40°	1	1	1	1	1	1	2	2	2	2	2
38.75°	2	1	1	1	1	1	1	2	2	2	2
37.5°	2	2	1	1	1	1	1	2	2	2	2
36.25°	2	2	1	1	1	1	1	1	2	2	2
35°	2	2	2	1	1	1	1	1	2	2	2



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	1	1	1	1	1	2	2
32.5°	2	2	2	2	1	1	1	1	1	2	2
31.25°	2	2	2	2	2	1	1	1	1	1	2
30°	2	2	2	2	2	1	1	1	1	1	2
28.75°	2	2	2	2	2	1	1	1	1	1	2
27.5°	2	2	2	2	2	2	1	1	1	1	1
26.25°	2	2	2	2	2	2	1	1	1	1	1
25°	2	2	2	2	2	2	2	1	1	1	1
23.75°	2	2	2	2	2	2	2	1	1	1	1
22.5°	2	2	2	2	2	2	2	1	1	1	1
21.25°	2	2	2	2	2	2	2	1	1	1	1
20°	2	2	2	2	2	2	2	2	1	1	1
18.75°	2	2	2	2	2	2	2	2	1	1	1
17.5°	2	2	2	2	2	2	2	2	1	1	1
16.25°	2	2	2	2	2	2	2	2	1	1	1
15°	2	2	2	2	2	2	2	2	2	1	1
13.75°	2	2	2	2	2	2	2	2	2	1	1
12.5°	3	2	2	2	2	2	2	2	2	1	1
11.25°	3	2	2	2	2	2	2	2	2	1	1
10°	3	2	2	2	2	2	2	2	2	1	1
8.75°	3	2	2	2	2	2	2	2	2	1	1
7.5°	3	2	2	2	2	2	2	2	2	1	1
6.25°	3	2	2	2	2	2	2	2	2	1	1
5°	3	2	2	2	2	2	2	2	2	1	1
3.75°	3	2	2	2	2	2	2	2	2	1	1
2.5°	3	2	2	2	2	2	2	2	2	1	1
1.25°	3	2	2	2	2	2	2	2	2	1	1
0°	3	3	2	2	2	2	2	2	2	2	1
-1.25°	3	2	2	2	2	2	2	2	2	1	1
-2.5°	3	2	2	2	2	2	2	2	2	1	1
-3.75°	3	2	2	2	2	2	2	2	2	1	1
-5°	3	2	2	2	2	2	2	2	2	1	1
-6.25°	3	2	2	2	2	2	2	2	2	1	1
-7.5°	3	2	2	2	2	2	2	2	2	1	1
-8.75°	3	2	2	2	2	2	2	2	2	1	1
-10°	3	2	2	2	2	2	2	2	2	1	1
-11.25°	3	2	2	2	2	2	2	2	2	1	1
-12.5°	3	2	2	2	2	2	2	2	2	1	1
-13.75°	2	2	2	2	2	2	2	2	2	1	1
-15°	2	2	2	2	2	2	2	2	2	1	1
-16.25°	2	2	2	2	2	2	2	2	1	1	1
-17.5°	2	2	2	2	2	2	2	2	1	1	1
-18.75°	2	2	2	2	2	2	2	2	1	1	1
-20°	2	2	2	2	2	2	2	2	1	1	1
-21.25°	2	2	2	2	2	2	2	1	1	1	1





REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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	1	1	1	1
-23.75°	2	2	2	2	2	2	2	1	1	1	1
-25°	2	2	2	2	2	2	2	1	1	1	1
-26.25°	2	2	2	2	2	2	1	1	1	1	1
-27.5°	2	2	2	2	2	2	1	1	1	1	1
-28.75°	2	2	2	2	2	1	1	1	1	1	2
-30°	2	2	2	2	2	1	1	1	1	1	2
-31.25°	2	2	2	2	2	1	1	1	1	1	2
-32.5°	2	2	2	2	1	1	1	1	1	2	2
-33.75°	2	2	2	2	1	1	1	1	1	2	2
-35°	2	2	2	1	1	1	1	1	2	2	2
-36.25°	2	2	1	1	1	1	1	1	2	2	2
-37.5°	2	2	1	1	1	1	1	2	2	2	2
-38.75°	2	1	1	1	1	1	1	2	2	2	2
-40°	1	1	1	1	1	1	2	2	2	2	2
-41.25°	1	1	1	1	1	1	2	2	2	2	2
-42.5°	1	1	1	1	1	2	2	2	2	2	2
-43.75°	1	1	1	1	2	2	2	2	2	2	1
-45°	1	1	1	1	2	2	2	2	2	2	1
-46.25°	1	1	1	2	2	2	2	2	2	1	1
-47.5°	1	1	2	2	2	2	2	2	2	1	1
-48.75°	1	2	2	2	2	2	2	2	1	1	1
-50°	2	2	2	2	2	2	2	1	1	1	1
-51.25°	2	2	2	2	2	2	1	1	1	1	1
-52.5°	2	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	2	1	1	1	1	1	1	1	1	1	1
38.75°	2	1	1	1	1	1	1	1	1	1	1
37.5°	2	2	1	1	1	1	1	1	1	1	1
36.25°	2	2	1	1	1	1	1	1	1	1	1
35°	2	2	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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°	2	2	2	1	1	1	1	1	1	1	1
32.5°	2	2	2	1	1	1	1	1	1	1	1
31.25°	2	2	2	1	1	1	1	1	1	1	1
30°	2	2	2	2	1	1	1	1	1	1	1
28.75°	2	2	2	2	1	1	1	1	1	1	1
27.5°	2	2	2	2	1	1	1	1	1	1	1
26.25°	2	2	2	2	1	1	1	1	1	1	1
25°	2	2	2	2	2	1	1	1	1	1	1
23.75°	2	2	2	2	2	1	1	1	1	1	1
22.5°	1	2	2	2	2	1	1	1	1	1	1
21.25°	1	2	2	2	2	1	1	1	1	1	1
20°	1	2	2	2	2	1	1	1	1	1	1
18.75°	1	2	2	2	2	1	1	1	1	1	1
17.5°	1	2	2	2	2	2	1	1	1	1	1
16.25°	1	1	2	2	2	2	1	1	1	1	1
15°	1	1	2	2	2	2	1	1	1	1	1
13.75°	1	1	2	2	2	2	1	1	1	1	1
12.5°	1	1	2	2	2	2	1	1	1	1	1
11.25°	1	1	2	2	2	2	1	1	1	1	1
10°	1	1	2	2	2	2	1	1	1	1	1
8.75°	1	1	2	2	2	2	1	1	1	1	1
7.5°	1	1	2	2	2	2	1	1	1	1	1
6.25°	1	1	2	2	2	2	1	1	1	1	1
5°	1	1	2	2	2	2	1	1	1	1	1
3.75°	1	1	2	2	2	2	1	1	1	1	1
2.5°	1	1	2	2	2	2	1	1	1	1	1
1.25°	1	1	2	2	2	2	1	1	1	1	1
0°	1	1	2	2	2	2	1	1	1	1	1
-1.25°	1	1	2	2	2	2	1	1	1	1	1
-2.5°	1	1	2	2	2	2	1	1	1	1	1
-3.75°	1	1	2	2	2	2	1	1	1	1	1
-5°	1	1	2	2	2	2	1	1	1	1	1
-6.25°	1	1	2	2	2	2	1	1	1	1	1
-7.5°	1	1	2	2	2	2	1	1	1	1	1
-8.75°	1	1	2	2	2	2	1	1	1	1	1
-10°	1	1	2	2	2	2	1	1	1	1	1
-11.25°	1	1	2	2	2	2	1	1	1	1	1
-12.5°	1	1	2	2	2	2	1	1	1	1	1
-13.75°	1	1	2	2	2	2	1	1	1	1	1
-15°	1	1	2	2	2	2	1	1	1	1	1
-16.25°	1	1	2	2	2	2	1	1	1	1	1
-17.5°	1	2	2	2	2	2	1	1	1	1	1
-18.75°	1	2	2	2	2	1	1	1	1	1	1
-20°	1	2	2	2	2	1	1	1	1	1	1
-21.25°	1	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-BK-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	1	2	2	2	2	1	1	1	1	1	1
-23.75°	2	2	2	2	2	1	1	1	1	1	1
-25°	2	2	2	2	2	1	1	1	1	1	1
-26.25°	2	2	2	2	1	1	1	1	1	1	1
-27.5°	2	2	2	2	1	1	1	1	1	1	1
-28.75°	2	2	2	2	1	1	1	1	1	1	1
-30°	2	2	2	2	1	1	1	1	1	1	1
-31.25°	2	2	2	1	1	1	1	1	1	1	1
-32.5°	2	2	2	1	1	1	1	1	1	1	1
-33.75°	2	2	2	1	1	1	1	1	1	1	1
-35°	2	2	1	1	1	1	1	1	1	1	1
-36.25°	2	2	1	1	1	1	1	1	1	1	1
-37.5°	2	2	1	1	1	1	1	1	1	1	1
-38.75°	2	1	1	1	1	1	1	1	1	1	1
-40°	2	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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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: P221174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-S-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)