

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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29419)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

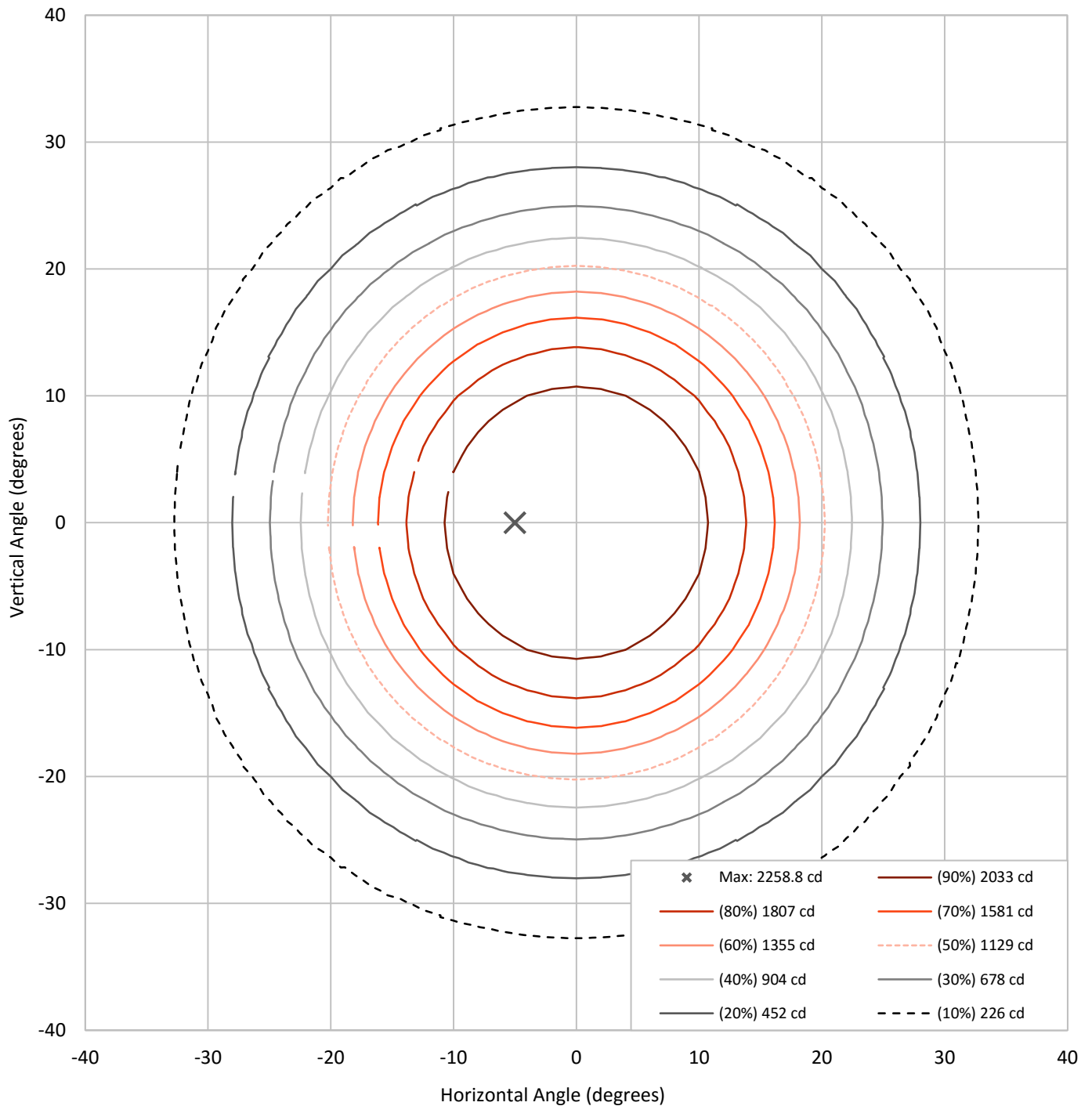
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1129 lumens	Max Intensity:	2258.8 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	109.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.5°H x 39.3°V	Field Angle (10%):	65.2°H x 64.7°V
Beam Lumens:	676.7 lumens	Field Lumens:	1022.2 lumens
Beam Efficiency:	59.9%	Field Efficiency:	90.5%
Input Watts (W):	10.3		
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: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

### Iso-Candela Plot





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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

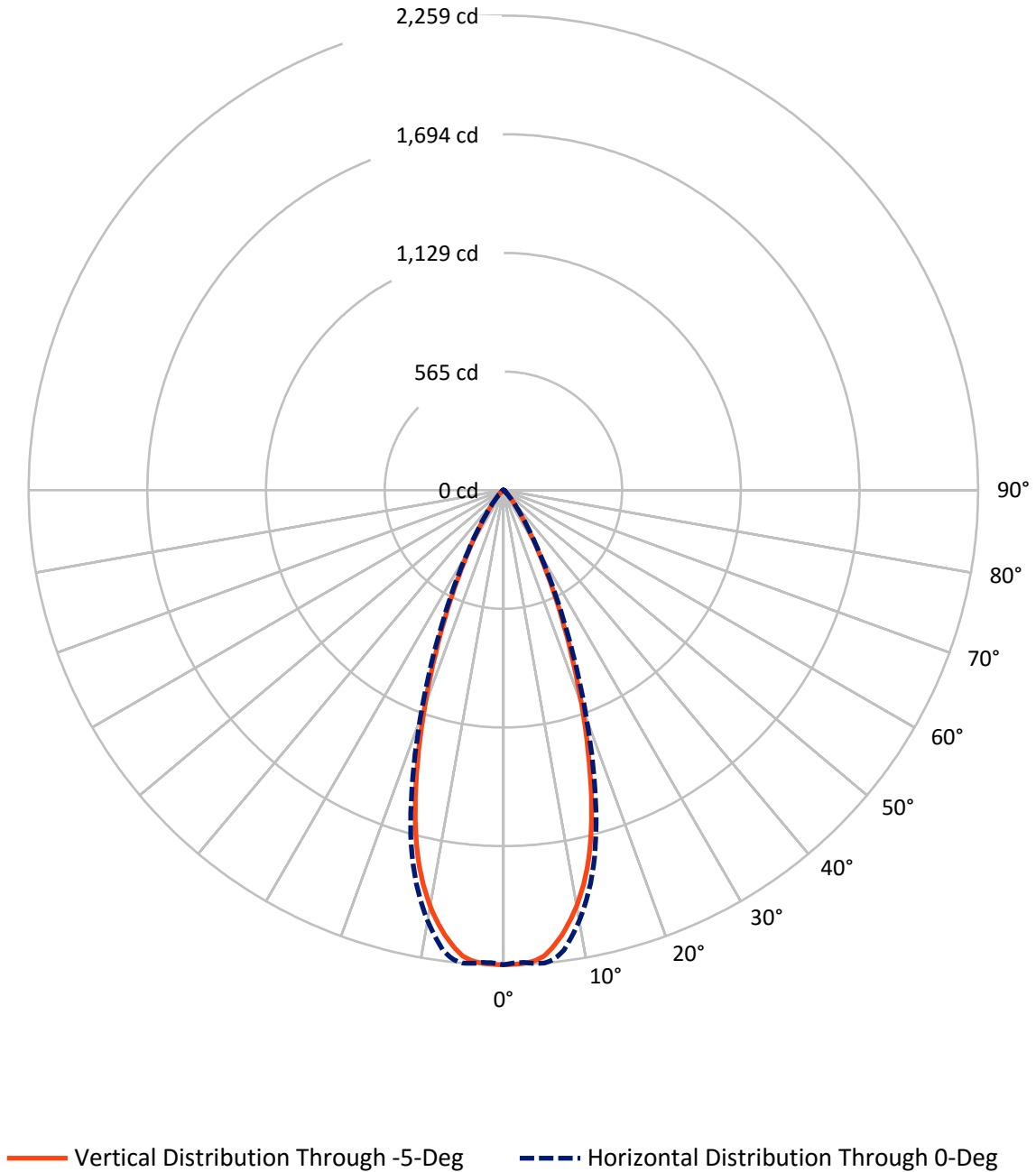
### Lumen Table

90	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0										
80	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0										
70	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0			
60		0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0				
50	0.0	0.1	0.1	0.1	0.2	0.4	0.7	1.0	1.0	0.7	0.4	0.2	0.1	0.1	0.1	0.0			
40		0.1	0.1	0.2	0.5	1.5	3.2	4.9	4.9	3.2	1.5	0.5	0.2	0.1	0.1				
30	0.1	0.1	0.1	0.3	1.3	4.8	12.2	19.6	19.6	12.2	4.8	1.3	0.3	0.1	0.1	0.1			
20		0.1	0.1	0.5	2.8	11.5	30.5	47.6	47.6	30.5	11.5	2.8	0.5	0.1	0.1				
10	0.1	0.1	0.2	0.7	4.1	18.0	46.2	65.4	65.4	46.2	18.0	4.1	0.7	0.2	0.1	0.1			
0		0.1	0.2	0.7	4.1	18.0	46.2	65.4	65.4	46.2	18.0	4.1	0.7	0.2	0.1				
-10	0.1	0.1	0.1	0.5	2.8	11.5	30.5	47.6	47.6	30.5	11.5	2.8	0.5	0.1	0.1	0.1			
-20		0.1	0.1	0.3	1.3	4.8	12.2	19.6	19.6	12.2	4.8	1.3	0.3	0.1	0.1				
-30	0.0	0.1	0.1	0.2	0.5	1.5	3.2	4.9	4.9	3.2	1.5	0.5	0.2	0.1	0.1	0.0			
-40		0.1	0.1	0.1	0.2	0.4	0.7	1.0	1.0	0.7	0.4	0.2	0.1	0.1	0.1				
-50	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0			
-60		0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
-70	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0			
-80		0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
-90	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0										

REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

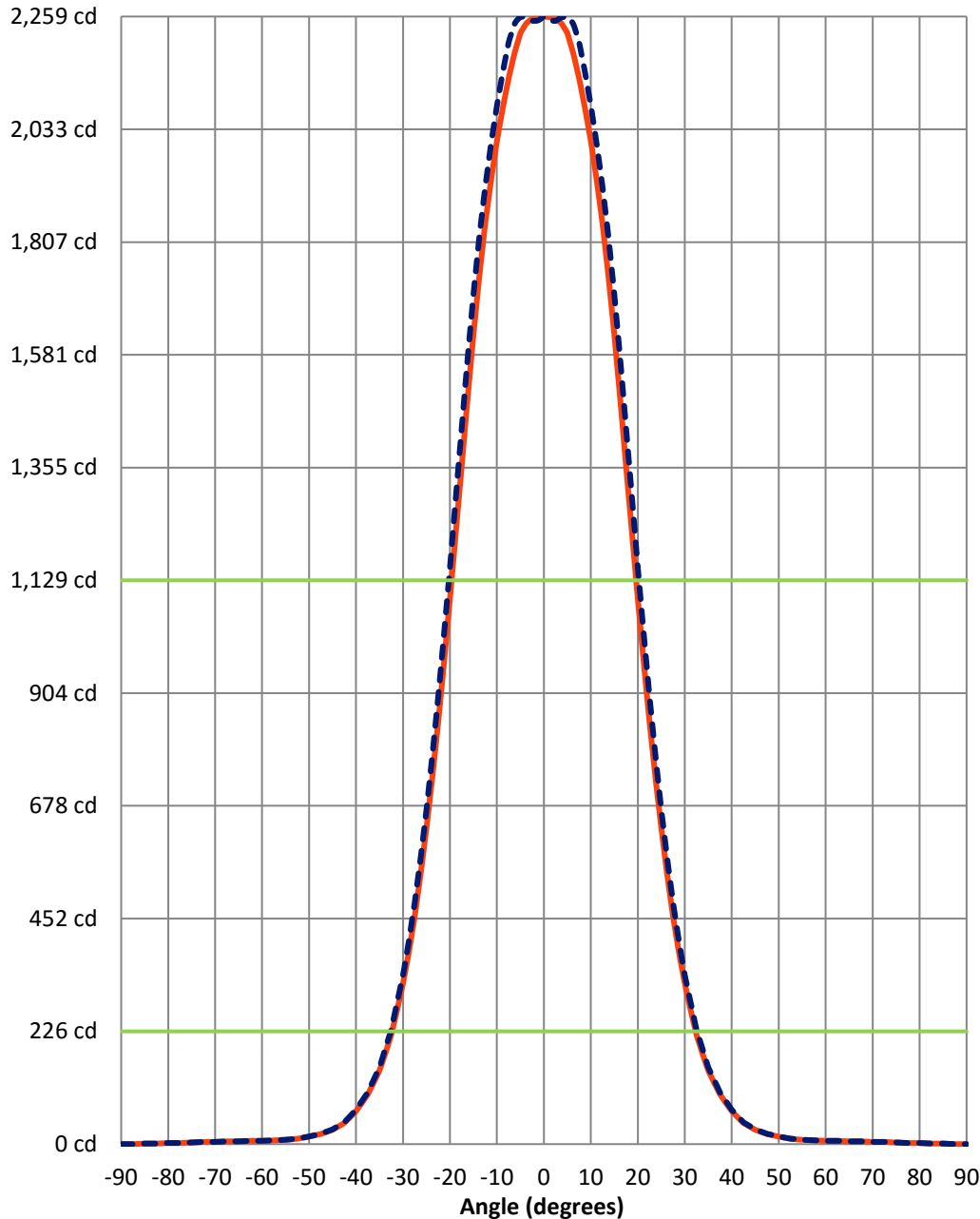
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

### Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 40.5°  
 V Angle: 39.3°  
 Lumens: 676.7  
 Efficiency: 59.9%

**Field:**  
 H Angle: 65.2°  
 V Angle: 64.7°  
 Lumens: 1022.2  
 Efficiency: 90.5%

**Spill:**  
 Lumens: 106.8  
 Efficiency: 9.5%

- Vertical Distribution through -5-Deg
- - - Horizontal Distribution through 0-Deg



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	1
71.25°	0	0	0	0	0	0	0	0	0	0	1
70°	0	0	0	0	0	0	0	0	0	1	1
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	0	1	1	1
65°	0	0	0	0	0	0	0	1	1	1	1
63.75°	0	0	0	0	0	0	0	1	1	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	0	1	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	1	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	2
45°	0	0	0	0	0	1	1	1	1	1	2
43.75°	0	0	0	0	0	1	1	1	1	1	2
42.5°	0	0	0	0	1	1	1	1	1	1	2
41.25°	0	0	0	0	1	1	1	1	1	2	2
40°	0	0	0	0	1	1	1	1	1	2	2
38.75°	0	0	0	0	1	1	1	1	1	2	2
37.5°	0	0	0	0	1	1	1	1	1	2	2
36.25°	0	0	0	0	1	1	1	1	1	2	2
35°	0	0	0	0	1	1	1	1	1	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	1	1	1	1	1	2	2
32.5°	0	0	0	0	1	1	1	1	2	2	2
31.25°	0	0	0	0	1	1	1	1	2	2	2
30°	0	0	0	0	1	1	1	1	2	2	2
28.75°	0	0	0	0	1	1	1	1	2	2	2
27.5°	0	0	0	0	1	1	1	1	2	2	2
26.25°	0	0	0	0	1	1	1	1	2	2	2
25°	0	0	0	0	1	1	1	1	2	2	2
23.75°	0	0	0	0	1	1	1	1	2	2	2
22.5°	0	0	0	0	1	1	1	1	2	2	2
21.25°	0	0	0	0	1	1	1	1	2	2	2
20°	0	0	0	0	1	1	1	1	2	2	2
18.75°	0	0	0	0	1	1	1	1	2	2	2
17.5°	0	0	0	0	1	1	1	1	2	2	2
16.25°	0	0	0	0	1	1	1	1	2	2	2
15°	0	0	0	0	1	1	1	2	2	2	2
13.75°	0	0	0	1	1	1	1	2	2	2	2
12.5°	0	0	0	1	1	1	1	2	2	2	2
11.25°	0	0	0	1	1	1	1	2	2	2	2
10°	0	0	0	1	1	1	1	2	2	2	2
8.75°	0	0	0	1	1	1	1	2	2	2	2
7.5°	0	0	0	1	1	1	1	2	2	2	2
6.25°	0	0	0	1	1	1	1	2	2	2	2
5°	0	0	0	1	1	1	1	2	2	2	2
3.75°	0	0	0	1	1	1	1	2	2	2	2
2.5°	0	0	0	1	1	1	1	2	2	2	2
1.25°	0	0	0	1	1	1	1	2	2	2	2
0°	0	0	0	1	1	1	1	2	2	2	2
-1.25°	0	0	0	1	1	1	1	2	2	2	2
-2.5°	0	0	0	1	1	1	1	2	2	2	2
-3.75°	0	0	0	1	1	1	1	2	2	2	2
-5°	0	0	0	1	1	1	1	2	2	2	2
-6.25°	0	0	0	1	1	1	1	2	2	2	2
-7.5°	0	0	0	1	1	1	1	2	2	2	2
-8.75°	0	0	0	1	1	1	1	2	2	2	2
-10°	0	0	0	1	1	1	1	2	2	2	2
-11.25°	0	0	0	1	1	1	1	2	2	2	2
-12.5°	0	0	0	1	1	1	1	2	2	2	2
-13.75°	0	0	0	1	1	1	1	2	2	2	2
-15°	0	0	0	0	1	1	1	2	2	2	2
-16.25°	0	0	0	0	1	1	1	1	2	2	2
-17.5°	0	0	0	0	1	1	1	1	2	2	2
-18.75°	0	0	0	0	1	1	1	1	2	2	2
-20°	0	0	0	0	1	1	1	1	2	2	2
-21.25°	0	0	0	0	1	1	1	1	2	2	2





REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	2	2	2
-23.75°	0	0	0	0	1	1	1	1	2	2	2
-25°	0	0	0	0	1	1	1	1	2	2	2
-26.25°	0	0	0	0	1	1	1	1	2	2	2
-27.5°	0	0	0	0	1	1	1	1	2	2	2
-28.75°	0	0	0	0	1	1	1	1	2	2	2
-30°	0	0	0	0	1	1	1	1	2	2	2
-31.25°	0	0	0	0	1	1	1	1	2	2	2
-32.5°	0	0	0	0	1	1	1	1	2	2	2
-33.75°	0	0	0	0	1	1	1	1	1	2	2
-35°	0	0	0	0	1	1	1	1	1	2	2
-36.25°	0	0	0	0	1	1	1	1	1	2	2
-37.5°	0	0	0	0	1	1	1	1	1	2	2
-38.75°	0	0	0	0	1	1	1	1	1	2	2
-40°	0	0	0	0	1	1	1	1	1	2	2
-41.25°	0	0	0	0	1	1	1	1	1	2	2
-42.5°	0	0	0	0	1	1	1	1	1	1	2
-43.75°	0	0	0	0	0	1	1	1	1	1	2
-45°	0	0	0	0	0	1	1	1	1	1	2
-46.25°	0	0	0	0	0	1	1	1	1	1	2
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-53.75°	0	0	0	0	0	1	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	1	1	1	1
-66.25°	0	0	0	0	0	0	0	0	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	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	1
-72.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	1	1
80°	0	0	0	0	0	0	0	1	1	1	1
78.75°	0	0	0	0	0	1	1	1	1	1	1
77.5°	0	0	0	1	1	1	1	1	1	1	1
76.25°	0	0	1	1	1	1	1	1	1	1	1
75°	0	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	2
68.75°	1	1	1	1	1	1	1	1	1	2	2
67.5°	1	1	1	1	1	1	1	2	2	2	2
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	1	1	1	2	2	2	2	2
63.75°	1	1	1	1	1	2	2	2	2	2	2
62.5°	1	1	1	1	2	2	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	2
60°	1	1	1	2	2	2	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	2	3
57.5°	1	1	2	2	2	2	2	2	2	2	3
56.25°	1	1	2	2	2	2	2	2	2	3	3
55°	1	2	2	2	2	2	2	2	3	3	3
53.75°	1	2	2	2	2	2	2	2	3	3	3
52.5°	1	2	2	2	2	2	2	3	3	3	4
51.25°	2	2	2	2	2	2	2	3	3	3	4
50°	2	2	2	2	2	2	3	3	3	4	4
48.75°	2	2	2	2	2	2	3	3	3	4	4
47.5°	2	2	2	2	2	3	3	3	4	4	4
46.25°	2	2	2	2	2	3	3	3	4	4	4
45°	2	2	2	2	2	3	3	4	4	4	4
43.75°	2	2	2	2	3	3	3	4	4	4	4
42.5°	2	2	2	2	3	3	4	4	4	4	4
41.25°	2	2	2	2	3	3	4	4	4	4	4
40°	2	2	2	3	3	3	4	4	4	4	4
38.75°	2	2	2	3	3	4	4	4	4	4	4
37.5°	2	2	2	3	3	4	4	4	4	4	5
36.25°	2	2	2	3	3	4	4	4	4	4	5
35°	2	2	3	3	3	4	4	4	4	5	5



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	2	2	3	3	4	4	4	4	4	5	5
32.5°	2	2	3	3	4	4	4	4	4	5	5
31.25°	2	2	3	3	4	4	4	4	4	5	5
30°	2	2	3	3	4	4	4	4	5	5	6
28.75°	2	2	3	3	4	4	4	4	5	5	6
27.5°	2	3	3	4	4	4	4	4	5	5	6
26.25°	2	3	3	4	4	4	4	4	5	5	6
25°	2	3	3	4	4	4	4	5	5	6	6
23.75°	2	3	3	4	4	4	4	5	5	6	6
22.5°	2	3	3	4	4	4	4	5	5	6	6
21.25°	2	3	3	4	4	4	4	5	5	6	6
20°	2	3	3	4	4	4	4	5	5	6	6
18.75°	2	3	3	4	4	4	4	5	5	6	6
17.5°	2	3	4	4	4	4	4	5	6	6	6
16.25°	3	3	4	4	4	4	5	5	6	6	6
15°	3	3	4	4	4	4	5	5	6	6	6
13.75°	3	3	4	4	4	4	5	5	6	6	6
12.5°	3	3	4	4	4	4	5	5	6	6	6
11.25°	3	3	4	4	4	4	5	5	6	6	6
10°	3	3	4	4	4	4	5	5	6	6	6
8.75°	3	3	4	4	4	4	5	5	6	6	6
7.5°	3	3	4	4	4	4	5	5	6	6	6
6.25°	3	3	4	4	4	4	5	5	6	6	6
5°	3	3	4	4	4	4	5	5	6	6	6
3.75°	3	3	4	4	4	4	5	5	6	6	6
2.5°	3	3	4	4	4	4	5	5	6	6	6
1.25°	3	3	4	4	4	4	5	5	6	6	6
0°	3	3	4	4	4	4	5	6	6	6	6
-1.25°	3	3	4	4	4	4	5	5	6	6	6
-2.5°	3	3	4	4	4	4	5	5	6	6	6
-3.75°	3	3	4	4	4	4	5	5	6	6	6
-5°	3	3	4	4	4	4	5	5	6	6	6
-6.25°	3	3	4	4	4	4	5	5	6	6	6
-7.5°	3	3	4	4	4	4	5	5	6	6	6
-8.75°	3	3	4	4	4	4	5	5	6	6	6
-10°	3	3	4	4	4	4	5	5	6	6	6
-11.25°	3	3	4	4	4	4	5	5	6	6	6
-12.5°	3	3	4	4	4	4	5	5	6	6	6
-13.75°	3	3	4	4	4	4	5	5	6	6	6
-15°	3	3	4	4	4	4	5	5	6	6	6
-16.25°	3	3	4	4	4	4	5	5	6	6	6
-17.5°	2	3	4	4	4	4	4	5	6	6	6
-18.75°	2	3	3	4	4	4	4	5	5	6	6
-20°	2	3	3	4	4	4	4	5	5	6	6
-21.25°	2	3	3	4	4	4	4	5	5	6	6



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	2	3	3	4	4	4	4	5	5	6	6
-23.75°	2	3	3	4	4	4	4	5	5	6	6
-25°	2	3	3	4	4	4	4	5	5	6	6
-26.25°	2	3	3	4	4	4	4	4	5	5	6
-27.5°	2	3	3	4	4	4	4	4	5	5	6
-28.75°	2	2	3	3	4	4	4	4	5	5	6
-30°	2	2	3	3	4	4	4	4	5	5	6
-31.25°	2	2	3	3	4	4	4	4	4	5	5
-32.5°	2	2	3	3	4	4	4	4	4	5	5
-33.75°	2	2	3	3	4	4	4	4	4	5	5
-35°	2	2	3	3	3	4	4	4	4	5	5
-36.25°	2	2	2	3	3	4	4	4	4	4	5
-37.5°	2	2	2	3	3	4	4	4	4	4	5
-38.75°	2	2	2	3	3	4	4	4	4	4	4
-40°	2	2	2	3	3	3	4	4	4	4	4
-41.25°	2	2	2	2	3	3	4	4	4	4	4
-42.5°	2	2	2	2	3	3	4	4	4	4	4
-43.75°	2	2	2	2	3	3	3	4	4	4	4
-45°	2	2	2	2	2	3	3	4	4	4	4
-46.25°	2	2	2	2	2	3	3	3	4	4	4
-47.5°	2	2	2	2	2	3	3	3	4	4	4
-48.75°	2	2	2	2	2	2	3	3	3	4	4
-50°	2	2	2	2	2	2	3	3	3	4	4
-51.25°	2	2	2	2	2	2	2	3	3	3	4
-52.5°	1	2	2	2	2	2	2	3	3	3	4
-53.75°	1	2	2	2	2	2	2	2	3	3	3
-55°	1	2	2	2	2	2	2	2	3	3	3
-56.25°	1	1	2	2	2	2	2	2	2	3	3
-57.5°	1	1	2	2	2	2	2	2	2	2	3
-58.75°	1	1	1	2	2	2	2	2	2	2	3
-60°	1	1	1	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	2	2	2	2	2	2	2
-62.5°	1	1	1	1	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	2	2	2	2	2	2
-65°	1	1	1	1	1	1	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	2	2
-70°	1	1	1	1	1	1	1	1	1	1	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	1	1	1	1	1	1	1	1



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	1	1	1	1	1	1
-80°	0	0	0	0	0	0	0	1	1	1	1
-81.25°	0	0	0	0	0	0	0	0	0	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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	1	1	1	1
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	2	2
75°	1	1	1	1	1	1	2	2	2	2	2
73.75°	1	1	1	1	2	2	2	2	2	2	2
72.5°	1	1	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	3
67.5°	2	2	2	2	2	2	2	2	3	3	3
66.25°	2	2	2	2	2	2	3	3	3	3	3
65°	2	2	2	2	2	3	3	3	3	3	4
63.75°	2	2	2	3	3	3	3	3	4	4	4
62.5°	2	2	3	3	3	3	3	4	4	4	4
61.25°	2	3	3	3	3	4	4	4	4	4	4
60°	3	3	3	3	4	4	4	4	4	4	4
58.75°	3	3	3	4	4	4	4	4	4	4	4
57.5°	3	3	4	4	4	4	4	4	4	4	4
56.25°	3	4	4	4	4	4	4	4	4	5	5
55°	3	4	4	4	4	4	4	4	5	5	5
53.75°	4	4	4	4	4	4	4	5	5	5	5
52.5°	4	4	4	4	4	4	5	5	5	5	6
51.25°	4	4	4	4	4	5	5	5	5	6	6
50°	4	4	4	4	4	5	5	5	6	6	6
48.75°	4	4	4	4	5	5	5	6	6	6	6
47.5°	4	4	4	5	5	5	6	6	6	6	6
46.25°	4	4	5	5	5	6	6	6	6	6	6
45°	4	4	5	5	5	6	6	6	6	6	6
43.75°	4	5	5	5	6	6	6	6	6	6	7
42.5°	4	5	5	5	6	6	6	6	6	7	7
41.25°	5	5	5	6	6	6	6	6	6	7	7
40°	5	5	6	6	6	6	6	6	7	7	7
38.75°	5	5	6	6	6	6	6	7	7	7	7
37.5°	5	5	6	6	6	6	6	7	7	7	7
36.25°	5	6	6	6	6	6	7	7	7	7	7
35°	5	6	6	6	6	6	7	7	7	7	7



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	6	6	6	6	6	7	7	7	7	7	8
32.5°	6	6	6	6	6	7	7	7	7	7	8
31.25°	6	6	6	6	7	7	7	7	7	8	8
30°	6	6	6	6	7	7	7	7	7	8	8
28.75°	6	6	6	6	7	7	7	7	8	8	8
27.5°	6	6	6	7	7	7	7	7	8	8	9
26.25°	6	6	6	7	7	7	7	7	8	8	9
25°	6	6	6	7	7	7	7	8	8	9	9
23.75°	6	6	6	7	7	7	7	8	8	9	10
22.5°	6	6	7	7	7	7	7	8	8	9	10
21.25°	6	6	7	7	7	7	8	8	9	9	10
20°	6	6	7	7	7	7	8	8	9	10	11
18.75°	6	6	7	7	7	7	8	8	9	10	11
17.5°	6	7	7	7	7	7	8	8	9	10	11
16.25°	6	7	7	7	7	7	8	9	9	10	12
15°	6	7	7	7	7	8	8	9	10	11	12
13.75°	6	7	7	7	7	8	8	9	10	11	13
12.5°	6	7	7	7	7	8	8	9	10	11	13
11.25°	6	7	7	7	7	8	8	9	10	12	14
10°	6	7	7	7	7	8	8	9	10	12	14
8.75°	6	7	7	7	7	8	8	9	10	12	14
7.5°	6	7	7	7	7	8	9	9	11	12	15
6.25°	7	7	7	7	8	8	9	10	11	13	15
5°	7	7	7	7	8	8	9	10	11	13	15
3.75°	7	7	7	7	8	8	9	10	11	13	15
2.5°	7	7	7	7	8	8	9	10	11	13	15
1.25°	7	7	7	7	8	8	9	10	11	13	15
0°	7	7	7	7	8	8	9	10	11	13	15
-1.25°	7	7	7	7	8	8	9	10	11	13	15
-2.5°	7	7	7	7	8	8	9	10	11	13	15
-3.75°	7	7	7	7	8	8	9	10	11	13	15
-5°	7	7	7	7	8	8	9	10	11	13	15
-6.25°	7	7	7	7	8	8	9	10	11	13	15
-7.5°	6	7	7	7	7	8	9	9	11	12	15
-8.75°	6	7	7	7	7	8	8	9	10	12	14
-10°	6	7	7	7	7	8	8	9	10	12	14
-11.25°	6	7	7	7	7	8	8	9	10	12	14
-12.5°	6	7	7	7	7	8	8	9	10	11	13
-13.75°	6	7	7	7	7	8	8	9	10	11	13
-15°	6	7	7	7	7	8	8	9	10	11	12
-16.25°	6	7	7	7	7	7	8	9	9	10	12
-17.5°	6	7	7	7	7	7	8	8	9	10	11
-18.75°	6	6	7	7	7	7	8	8	9	10	11
-20°	6	6	7	7	7	7	8	8	9	10	11
-21.25°	6	6	7	7	7	7	8	8	9	9	10





REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	6	6	7	7	7	7	7	8	8	9	10
-23.75°	6	6	6	7	7	7	7	8	8	9	10
-25°	6	6	6	7	7	7	7	8	8	9	9
-26.25°	6	6	6	7	7	7	7	7	8	8	9
-27.5°	6	6	6	7	7	7	7	7	8	8	9
-28.75°	6	6	6	6	7	7	7	7	8	8	8
-30°	6	6	6	6	7	7	7	7	7	8	8
-31.25°	6	6	6	6	7	7	7	7	7	8	8
-32.5°	6	6	6	6	6	7	7	7	7	7	8
-33.75°	6	6	6	6	6	7	7	7	7	7	8
-35°	5	6	6	6	6	6	7	7	7	7	7
-36.25°	5	6	6	6	6	6	7	7	7	7	7
-37.5°	5	5	6	6	6	6	6	7	7	7	7
-38.75°	5	5	6	6	6	6	6	7	7	7	7
-40°	5	5	6	6	6	6	6	6	7	7	7
-41.25°	5	5	5	6	6	6	6	6	6	7	7
-42.5°	4	5	5	5	6	6	6	6	6	7	7
-43.75°	4	5	5	5	6	6	6	6	6	6	7
-45°	4	4	5	5	5	6	6	6	6	6	6
-46.25°	4	4	5	5	5	6	6	6	6	6	6
-47.5°	4	4	4	5	5	5	6	6	6	6	6
-48.75°	4	4	4	4	5	5	5	6	6	6	6
-50°	4	4	4	4	4	5	5	5	6	6	6
-51.25°	4	4	4	4	4	5	5	5	5	6	6
-52.5°	4	4	4	4	4	4	5	5	5	5	6
-53.75°	4	4	4	4	4	4	4	5	5	5	5
-55°	3	4	4	4	4	4	4	4	5	5	5
-56.25°	3	4	4	4	4	4	4	4	4	5	5
-57.5°	3	3	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	4	4	4	4	4	4	4	4
-60°	3	3	3	3	4	4	4	4	4	4	4
-61.25°	2	3	3	3	3	4	4	4	4	4	4
-62.5°	2	2	3	3	3	3	3	4	4	4	4
-63.75°	2	2	2	3	3	3	3	3	4	4	4
-65°	2	2	2	2	2	3	3	3	3	3	4
-66.25°	2	2	2	2	2	2	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	3	3	3
-68.75°	2	2	2	2	2	2	2	2	2	2	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	2	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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	1	1	1	1
-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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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	2	2	2	2	2
77.5°	1	1	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	3	3	3	3
71.25°	2	2	2	2	3	3	3	3	3	3	3
70°	2	3	3	3	3	3	3	3	4	4	4
68.75°	3	3	3	3	3	4	4	4	4	4	4
67.5°	3	3	3	4	4	4	4	4	4	4	4
66.25°	3	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	5	5
62.5°	4	4	4	4	4	4	5	5	5	5	5
61.25°	4	4	4	4	5	5	5	5	5	5	6
60°	4	4	5	5	5	5	5	6	6	6	6
58.75°	4	5	5	5	5	5	6	6	6	6	6
57.5°	5	5	5	5	6	6	6	6	6	6	6
56.25°	5	5	6	6	6	6	6	6	6	6	6
55°	5	6	6	6	6	6	6	6	6	6	7
53.75°	6	6	6	6	6	6	6	6	7	7	7
52.5°	6	6	6	6	6	6	6	7	7	7	7
51.25°	6	6	6	6	6	7	7	7	7	7	7
50°	6	6	6	6	7	7	7	7	7	7	7
48.75°	6	6	6	7	7	7	7	7	7	7	7
47.5°	6	6	7	7	7	7	7	7	7	8	8
46.25°	6	7	7	7	7	7	7	7	8	8	8
45°	7	7	7	7	7	7	7	8	8	8	9
43.75°	7	7	7	7	7	7	8	8	8	9	9
42.5°	7	7	7	7	7	8	8	8	9	9	10
41.25°	7	7	7	7	8	8	8	9	9	10	11
40°	7	7	7	8	8	8	9	10	10	11	12
38.75°	7	7	8	8	8	9	9	10	11	12	13
37.5°	7	8	8	8	9	9	10	11	12	14	15
36.25°	7	8	8	9	9	10	11	12	13	15	17
35°	8	8	8	9	10	11	12	13	15	16	18



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	8	8	9	10	10	11	13	15	16	18	20
32.5°	8	9	9	10	11	13	14	16	18	20	22
31.25°	8	9	10	11	12	14	15	17	19	21	25
30°	9	9	10	11	13	15	17	19	21	24	27
28.75°	9	10	11	12	14	16	18	20	23	26	29
27.5°	9	10	11	13	15	17	19	22	25	29	33
26.25°	10	11	12	14	16	18	20	24	27	32	37
25°	10	11	13	15	17	19	22	26	29	35	41
23.75°	11	12	14	16	18	21	24	28	33	38	44
22.5°	11	13	15	17	19	22	26	30	36	42	50
21.25°	12	14	16	18	20	24	28	33	39	46	56
20°	12	14	16	19	22	25	29	35	42	51	61
18.75°	13	15	17	20	23	27	32	38	45	56	67
17.5°	13	16	18	20	24	28	34	40	49	60	73
16.25°	14	16	19	22	26	30	36	43	54	65	79
15°	15	17	19	23	27	32	38	46	58	69	85
13.75°	15	17	20	24	28	34	40	50	61	75	91
12.5°	15	18	21	25	29	35	42	53	65	79	96
11.25°	16	19	21	26	30	37	44	56	68	84	101
10°	16	19	22	26	31	38	46	58	71	88	105
8.75°	17	19	23	27	33	40	49	61	75	92	111
7.5°	17	20	23	28	34	41	51	63	78	95	115
6.25°	17	20	24	28	35	42	52	65	80	98	120
5°	18	20	24	29	35	42	54	66	82	100	123
3.75°	18	20	25	29	36	43	55	67	84	101	125
2.5°	18	21	25	29	36	43	56	68	85	103	127
1.25°	18	21	25	29	37	44	56	69	86	103	128
0°	18	21	25	30	37	44	56	69	86	104	129
-1.25°	18	21	25	29	37	44	56	69	86	103	128
-2.5°	18	21	25	29	36	43	56	68	85	103	127
-3.75°	18	20	25	29	36	43	55	67	84	101	125
-5°	18	20	24	29	35	42	54	66	82	100	123
-6.25°	17	20	24	28	35	42	52	65	80	98	120
-7.5°	17	20	23	28	34	41	51	63	78	95	115
-8.75°	17	19	23	27	33	40	49	61	75	92	111
-10°	16	19	22	26	31	38	46	58	71	88	105
-11.25°	16	19	21	26	30	37	44	56	68	84	101
-12.5°	15	18	21	25	29	35	42	53	65	79	96
-13.75°	15	17	20	24	28	34	40	50	61	75	91
-15°	15	17	19	23	27	32	38	46	58	69	85
-16.25°	14	16	19	22	26	30	36	43	54	65	79
-17.5°	13	16	18	20	24	28	34	40	49	60	73
-18.75°	13	15	17	20	23	27	32	38	45	56	67
-20°	12	14	16	19	22	25	29	35	42	51	61
-21.25°	12	14	16	18	20	24	28	33	39	46	56



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	11	13	15	17	19	22	26	30	36	42	50
-23.75°	11	12	14	16	18	21	24	28	33	38	44
-25°	10	11	13	15	17	19	22	26	29	35	41
-26.25°	10	11	12	14	16	18	20	24	27	32	37
-27.5°	9	10	11	13	15	17	19	22	25	29	33
-28.75°	9	10	11	12	14	16	18	20	23	26	29
-30°	9	9	10	11	13	15	17	19	21	24	27
-31.25°	8	9	10	11	12	14	15	17	19	21	25
-32.5°	8	9	9	10	11	13	14	16	18	20	22
-33.75°	8	8	9	10	10	11	13	15	16	18	20
-35°	8	8	8	9	10	11	12	13	15	16	18
-36.25°	7	8	8	9	9	10	11	12	13	15	17
-37.5°	7	8	8	8	9	9	10	11	12	14	15
-38.75°	7	7	8	8	8	9	9	10	11	12	13
-40°	7	7	7	8	8	8	9	10	10	11	12
-41.25°	7	7	7	7	8	8	8	9	9	10	11
-42.5°	7	7	7	7	7	8	8	8	9	9	10
-43.75°	7	7	7	7	7	7	8	8	8	9	9
-45°	7	7	7	7	7	7	7	8	8	8	9
-46.25°	6	7	7	7	7	7	7	7	8	8	8
-47.5°	6	6	7	7	7	7	7	7	7	8	8
-48.75°	6	6	6	7	7	7	7	7	7	7	7
-50°	6	6	6	6	7	7	7	7	7	7	7
-51.25°	6	6	6	6	6	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	7	7	7	7
-53.75°	6	6	6	6	6	6	6	6	7	7	7
-55°	5	6	6	6	6	6	6	6	6	6	7
-56.25°	5	5	6	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	6	6	6	6	6	6	6
-58.75°	4	5	5	5	5	5	6	6	6	6	6
-60°	4	4	5	5	5	5	5	6	6	6	6
-61.25°	4	4	4	4	5	5	5	5	5	5	6
-62.5°	4	4	4	4	4	4	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	4	4	5	5
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	3	4	4	4	4	4	4	4	4	4	4
-67.5°	3	3	3	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	4	4	4	4	4	4
-70°	2	3	3	3	3	3	3	3	4	4	4
-71.25°	2	2	2	2	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	2	2	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	1	1	1	1	1	1
-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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	3	3	3	3	3
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	4	4	4	4	4
71.25°	3	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	5	5	5
66.25°	4	4	4	4	5	5	5	5	5	5	5
65°	5	5	5	5	5	5	5	5	6	6	6
63.75°	5	5	5	5	6	6	6	6	6	6	6
62.5°	5	6	6	6	6	6	6	6	6	6	6
61.25°	6	6	6	6	6	6	6	6	6	6	6
60°	6	6	6	6	6	6	6	6	6	6	7
58.75°	6	6	6	6	6	6	7	7	7	7	7
57.5°	6	6	6	7	7	7	7	7	7	7	7
56.25°	6	7	7	7	7	7	7	7	7	7	7
55°	7	7	7	7	7	7	7	7	7	7	7
53.75°	7	7	7	7	7	7	7	7	8	8	8
52.5°	7	7	7	7	7	8	8	8	8	8	8
51.25°	7	7	7	8	8	8	8	8	9	9	9
50°	7	8	8	8	8	8	9	9	9	10	10
48.75°	8	8	8	8	9	9	9	10	10	11	11
47.5°	8	8	9	9	9	10	10	11	11	12	13
46.25°	8	9	9	10	10	11	11	12	13	14	15
45°	9	10	10	11	11	12	13	14	15	16	17
43.75°	10	10	11	12	13	14	15	16	17	18	19
42.5°	11	11	13	14	15	16	17	18	19	21	22
41.25°	12	13	14	15	17	18	19	20	22	24	26
40°	13	15	16	17	19	20	22	24	26	28	30
38.75°	15	16	18	19	21	23	25	27	29	33	36
37.5°	16	18	20	21	24	26	29	32	35	38	42
36.25°	18	20	22	25	27	29	33	37	41	44	50
35°	20	22	25	28	31	35	39	42	48	54	61



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	22	25	28	31	36	40	44	51	58	64	71
32.5°	25	28	31	36	40	46	53	60	67	76	85
31.25°	28	31	36	41	46	54	62	70	80	90	99
30°	31	36	40	46	55	63	71	82	93	103	117
28.75°	35	40	46	54	63	72	83	95	106	121	136
27.5°	39	44	53	62	71	83	95	108	124	139	155
26.25°	42	51	60	70	82	95	108	125	141	159	183
25°	48	58	67	80	93	106	124	141	161	186	210
23.75°	54	64	76	90	103	121	139	159	186	211	240
22.5°	61	71	85	99	117	136	155	183	210	240	277
21.25°	66	80	94	110	130	150	177	205	235	275	314
20°	73	88	103	123	143	168	198	227	268	309	352
18.75°	81	96	114	135	157	188	218	257	300	343	394
17.5°	88	103	125	146	175	206	241	286	330	381	438
16.25°	95	113	135	159	191	224	268	314	364	421	484
15°	101	122	145	174	207	245	293	340	398	460	530
13.75°	108	131	154	188	222	268	316	370	432	501	577
12.5°	116	139	167	202	239	289	338	399	466	542	624
11.25°	123	147	178	214	257	308	363	427	500	580	668
10°	129	153	189	225	274	325	385	453	532	618	712
8.75°	135	162	198	237	289	341	406	479	562	653	750
7.5°	140	170	206	249	302	358	426	502	588	684	787
6.25°	144	176	213	260	313	372	442	522	613	712	819
5°	148	182	219	268	322	384	456	540	633	735	845
3.75°	150	186	224	275	329	394	469	554	649	753	867
2.5°	152	189	227	280	334	401	477	564	661	767	883
1.25°	154	191	229	283	337	405	482	570	668	776	893
0°	154	192	229	284	338	407	484	572	670	778	896
-1.25°	154	191	229	283	337	405	482	570	668	776	893
-2.5°	152	189	227	280	334	401	477	564	661	767	883
-3.75°	150	186	224	275	329	394	469	554	649	753	867
-5°	148	182	219	268	322	384	456	540	633	735	845
-6.25°	144	176	213	260	313	372	442	522	613	712	819
-7.5°	140	170	206	249	302	358	426	502	588	684	787
-8.75°	135	162	198	237	289	341	406	479	562	653	750
-10°	129	153	189	225	274	325	385	453	532	618	712
-11.25°	123	147	178	214	257	308	363	427	500	580	668
-12.5°	116	139	167	202	239	289	338	399	466	542	624
-13.75°	108	131	154	188	222	268	316	370	432	501	577
-15°	101	122	145	174	207	245	293	340	398	460	530
-16.25°	95	113	135	159	191	224	268	314	364	421	484
-17.5°	88	103	125	146	175	206	241	286	330	381	438
-18.75°	81	96	114	135	157	188	218	257	300	343	394
-20°	73	88	103	123	143	168	198	227	268	309	352
-21.25°	66	80	94	110	130	150	177	205	235	275	314





REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	61	71	85	99	117	136	155	183	210	240	277
-23.75°	54	64	76	90	103	121	139	159	186	211	240
-25°	48	58	67	80	93	106	124	141	161	186	210
-26.25°	42	51	60	70	82	95	108	125	141	159	183
-27.5°	39	44	53	62	71	83	95	108	124	139	155
-28.75°	35	40	46	54	63	72	83	95	106	121	136
-30°	31	36	40	46	55	63	71	82	93	103	117
-31.25°	28	31	36	41	46	54	62	70	80	90	99
-32.5°	25	28	31	36	40	46	53	60	67	76	85
-33.75°	22	25	28	31	36	40	44	51	58	64	71
-35°	20	22	25	28	31	35	39	42	48	54	61
-36.25°	18	20	22	25	27	29	33	37	41	44	50
-37.5°	16	18	20	21	24	26	29	32	35	38	42
-38.75°	15	16	18	19	21	23	25	27	29	33	36
-40°	13	15	16	17	19	20	22	24	26	28	30
-41.25°	12	13	14	15	17	18	19	20	22	24	26
-42.5°	11	11	13	14	15	16	17	18	19	21	22
-43.75°	10	10	11	12	13	14	15	16	17	18	19
-45°	9	10	10	11	11	12	13	14	15	16	17
-46.25°	8	9	9	10	10	11	11	12	13	14	15
-47.5°	8	8	9	9	9	10	10	11	11	12	13
-48.75°	8	8	8	8	9	9	9	10	10	11	11
-50°	7	8	8	8	8	8	9	9	9	10	10
-51.25°	7	7	7	8	8	8	8	8	9	9	9
-52.5°	7	7	7	7	7	8	8	8	8	8	8
-53.75°	7	7	7	7	7	7	7	7	8	8	8
-55°	7	7	7	7	7	7	7	7	7	7	7
-56.25°	6	7	7	7	7	7	7	7	7	7	7
-57.5°	6	6	6	7	7	7	7	7	7	7	7
-58.75°	6	6	6	6	6	6	7	7	7	7	7
-60°	6	6	6	6	6	6	6	6	6	6	7
-61.25°	6	6	6	6	6	6	6	6	6	6	6
-62.5°	5	6	6	6	6	6	6	6	6	6	6
-63.75°	5	5	5	5	6	6	6	6	6	6	6
-65°	5	5	5	5	5	5	5	5	6	6	6
-66.25°	4	4	4	4	5	5	5	5	5	5	5
-67.5°	4	4	4	4	4	4	4	4	5	5	5
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	4	4	4	4	4	4	4	4	4	4
-72.5°	3	3	3	3	3	3	4	4	4	4	4
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	3	3	3	3	3
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	2	2	2	2	2	2	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	1	1	1	1	1
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	2	2	2	2	2	2
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	3	3	3	3	3	3	3
75°	3	3	3	3	3	3	3	3	3	3	3
73.75°	3	3	3	4	4	4	4	4	4	4	4
72.5°	4	4	4	4	4	4	4	4	4	4	4
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	5	5	5	5	5	5	5
67.5°	5	5	5	5	5	5	5	5	5	5	5
66.25°	5	5	5	6	6	6	6	6	6	6	6
65°	6	6	6	6	6	6	6	6	6	6	6
63.75°	6	6	6	6	6	6	6	6	6	6	6
62.5°	6	6	6	6	6	6	6	6	6	6	6
61.25°	6	6	6	7	7	7	7	7	7	7	7
60°	7	7	7	7	7	7	7	7	7	7	7
58.75°	7	7	7	7	7	7	7	7	7	7	7
57.5°	7	7	7	7	7	7	7	7	7	7	7
56.25°	7	7	7	7	7	8	8	8	8	8	8
55°	8	8	8	8	8	8	8	8	8	8	8
53.75°	8	8	8	8	9	9	9	9	9	9	9
52.5°	9	9	9	9	9	10	10	10	10	10	10
51.25°	9	10	10	10	10	11	11	11	12	12	12
50°	10	11	11	11	12	12	13	13	14	14	14
48.75°	12	12	13	13	14	15	15	15	16	16	17
47.5°	14	14	15	16	16	17	17	18	19	19	19
46.25°	16	16	17	18	19	19	20	21	21	22	23
45°	18	19	20	20	22	23	24	25	26	26	27
43.75°	20	22	23	24	26	27	28	29	30	31	33
42.5°	24	25	27	28	30	32	34	35	37	38	40
41.25°	28	29	32	34	36	38	40	42	44	46	49
40°	33	35	38	40	43	46	50	53	56	58	61
38.75°	39	42	45	49	54	58	61	65	68	71	75
37.5°	46	51	56	60	65	69	75	79	84	88	92
36.25°	56	61	67	73	79	85	91	96	101	105	111
35°	66	73	81	88	95	101	108	116	123	129	135



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	80	88	96	103	113	122	131	139	147	153	162
32.5°	94	103	114	125	135	145	154	167	178	189	198
31.25°	110	123	135	146	159	174	188	202	214	225	237
30°	130	143	157	175	191	207	222	239	257	274	289
28.75°	150	168	188	206	224	245	268	289	308	325	341
27.5°	177	198	218	241	268	293	316	338	363	385	406
26.25°	205	227	257	286	314	340	370	399	427	453	479
25°	235	268	300	330	364	398	432	466	500	532	562
23.75°	275	309	343	381	421	460	501	542	580	618	653
22.5°	314	352	394	438	484	530	577	624	668	712	750
21.25°	354	400	448	500	553	606	659	712	763	812	857
20°	400	452	508	566	626	686	746	806	864	919	970
18.75°	448	508	570	636	703	770	838	905	970	1032	1089
17.5°	500	566	636	708	782	858	933	1009	1080	1147	1211
16.25°	553	626	703	782	864	948	1032	1113	1192	1268	1334
15°	606	686	770	858	948	1040	1130	1219	1304	1382	1456
13.75°	659	746	838	933	1032	1130	1229	1323	1412	1497	1573
12.5°	712	806	905	1009	1113	1219	1323	1422	1518	1605	1680
11.25°	763	864	970	1080	1192	1304	1412	1518	1615	1701	1776
10°	812	919	1032	1147	1268	1382	1497	1605	1701	1787	1859
8.75°	857	970	1089	1211	1334	1456	1573	1680	1776	1859	1927
7.5°	899	1017	1140	1269	1394	1521	1638	1745	1839	1918	1987
6.25°	935	1058	1186	1318	1448	1576	1694	1801	1891	1968	2036
5°	966	1093	1225	1358	1493	1621	1739	1843	1931	2009	2076
3.75°	991	1120	1256	1391	1528	1656	1774	1877	1963	2040	2107
2.5°	1009	1139	1278	1415	1553	1681	1799	1899	1986	2062	2130
1.25°	1020	1151	1292	1430	1568	1697	1813	1912	1999	2075	2144
0°	1023	1155	1296	1435	1573	1702	1818	1917	2004	2080	2148
-1.25°	1020	1151	1292	1430	1568	1697	1813	1912	1999	2075	2144
-2.5°	1009	1139	1278	1415	1553	1681	1799	1899	1986	2062	2130
-3.75°	991	1120	1256	1391	1528	1656	1774	1877	1963	2040	2107
-5°	966	1093	1225	1358	1493	1621	1739	1843	1931	2009	2076
-6.25°	935	1058	1186	1318	1448	1576	1694	1801	1891	1968	2036
-7.5°	899	1017	1140	1269	1394	1521	1638	1745	1839	1918	1987
-8.75°	857	970	1089	1211	1334	1456	1573	1680	1776	1859	1927
-10°	812	919	1032	1147	1268	1382	1497	1605	1701	1787	1859
-11.25°	763	864	970	1080	1192	1304	1412	1518	1615	1701	1776
-12.5°	712	806	905	1009	1113	1219	1323	1422	1518	1605	1680
-13.75°	659	746	838	933	1032	1130	1229	1323	1412	1497	1573
-15°	606	686	770	858	948	1040	1130	1219	1304	1382	1456
-16.25°	553	626	703	782	864	948	1032	1113	1192	1268	1334
-17.5°	500	566	636	708	782	858	933	1009	1080	1147	1211
-18.75°	448	508	570	636	703	770	838	905	970	1032	1089
-20°	400	452	508	566	626	686	746	806	864	919	970
-21.25°	354	400	448	500	553	606	659	712	763	812	857



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	314	352	394	438	484	530	577	624	668	712	750
-23.75°	275	309	343	381	421	460	501	542	580	618	653
-25°	235	268	300	330	364	398	432	466	500	532	562
-26.25°	205	227	257	286	314	340	370	399	427	453	479
-27.5°	177	198	218	241	268	293	316	338	363	385	406
-28.75°	150	168	188	206	224	245	268	289	308	325	341
-30°	130	143	157	175	191	207	222	239	257	274	289
-31.25°	110	123	135	146	159	174	188	202	214	225	237
-32.5°	94	103	114	125	135	145	154	167	178	189	198
-33.75°	80	88	96	103	113	122	131	139	147	153	162
-35°	66	73	81	88	95	101	108	116	123	129	135
-36.25°	56	61	67	73	79	85	91	96	101	105	111
-37.5°	46	51	56	60	65	69	75	79	84	88	92
-38.75°	39	42	45	49	54	58	61	65	68	71	75
-40°	33	35	38	40	43	46	50	53	56	58	61
-41.25°	28	29	32	34	36	38	40	42	44	46	49
-42.5°	24	25	27	28	30	32	34	35	37	38	40
-43.75°	20	22	23	24	26	27	28	29	30	31	33
-45°	18	19	20	20	22	23	24	25	26	26	27
-46.25°	16	16	17	18	19	19	20	21	21	22	23
-47.5°	14	14	15	16	16	17	17	18	19	19	19
-48.75°	12	12	13	13	14	15	15	15	16	16	17
-50°	10	11	11	11	12	12	13	13	14	14	14
-51.25°	9	10	10	10	10	11	11	11	12	12	12
-52.5°	9	9	9	9	9	10	10	10	10	10	10
-53.75°	8	8	8	8	9	9	9	9	9	9	9
-55°	8	8	8	8	8	8	8	8	8	8	8
-56.25°	7	7	7	7	7	8	8	8	8	8	8
-57.5°	7	7	7	7	7	7	7	7	7	7	7
-58.75°	7	7	7	7	7	7	7	7	7	7	7
-60°	7	7	7	7	7	7	7	7	7	7	7
-61.25°	6	6	6	7	7	7	7	7	7	7	7
-62.5°	6	6	6	6	6	6	6	6	6	6	6
-63.75°	6	6	6	6	6	6	6	6	6	6	6
-65°	6	6	6	6	6	6	6	6	6	6	6
-66.25°	5	5	5	6	6	6	6	6	6	6	6
-67.5°	5	5	5	5	5	5	5	5	5	5	5
-68.75°	4	4	4	4	5	5	5	5	5	5	5
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	4	4	4	4	4	4	4	4	4	4	4
-73.75°	3	3	3	4	4	4	4	4	4	4	4
-75°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	2	2	2	2	3	3	3	3	3	3	3
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	2	2	2	2	2	2
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	1	1	1	1	1
-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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	1	1	1	1	1	1	1	1	1	1	1
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	2	2	2	2	2	2	2	2	2	2	2
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	3	3	3	3	3	3	3	3	3	3	3
75°	3	3	3	3	3	3	3	3	3	3	3
73.75°	4	4	4	4	4	4	4	4	4	4	4
72.5°	4	4	4	4	4	4	4	4	4	4	4
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	5	5	5	5	5	5	5	5	5
67.5°	5	5	5	5	5	5	6	5	5	5	5
66.25°	6	6	6	6	6	6	6	6	6	6	6
65°	6	6	6	6	6	6	6	6	6	6	6
63.75°	6	6	6	6	6	6	6	6	6	6	6
62.5°	6	7	7	7	7	7	7	7	7	7	7
61.25°	7	7	7	7	7	7	7	7	7	7	7
60°	7	7	7	7	7	7	7	7	7	7	7
58.75°	7	7	7	7	7	7	7	7	7	7	7
57.5°	7	8	8	8	8	8	8	8	8	8	8
56.25°	8	8	8	8	8	8	8	8	8	8	8
55°	9	9	9	9	9	9	9	9	9	9	9
53.75°	9	10	10	10	10	10	10	10	10	10	10
52.5°	11	11	11	11	11	11	11	11	11	11	11
51.25°	12	13	13	13	13	13	13	13	13	13	13
50°	15	15	15	15	15	15	15	15	15	15	15
48.75°	17	17	18	18	18	18	18	18	18	18	18
47.5°	20	20	20	20	21	21	21	21	21	20	20
46.25°	23	24	24	25	25	25	25	25	25	25	24
45°	28	28	29	29	29	29	30	29	29	29	29
43.75°	34	35	35	36	36	37	37	37	36	36	35
42.5°	41	42	42	43	43	44	44	44	43	43	42
41.25°	51	52	54	55	56	56	56	56	56	55	54
40°	63	65	66	67	68	69	69	69	68	67	66
38.75°	78	80	82	84	85	86	86	86	85	84	82
37.5°	95	98	100	101	103	103	104	103	103	101	100
36.25°	115	120	123	125	127	128	129	128	127	125	123
35°	140	144	148	150	152	154	154	154	152	150	148



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	170	176	182	186	189	191	192	191	189	186	182
32.5°	206	213	219	224	227	229	229	229	227	224	219
31.25°	249	260	268	275	280	283	284	283	280	275	268
30°	302	313	322	329	334	337	338	337	334	329	322
28.75°	358	372	384	394	401	405	407	405	401	394	384
27.5°	426	442	456	469	477	482	484	482	477	469	456
26.25°	502	522	540	554	564	570	572	570	564	554	540
25°	588	613	633	649	661	668	670	668	661	649	633
23.75°	684	712	735	753	767	776	778	776	767	753	735
22.5°	787	819	845	867	883	893	896	893	883	867	845
21.25°	899	935	966	991	1009	1020	1023	1020	1009	991	966
20°	1017	1058	1093	1120	1139	1151	1155	1151	1139	1120	1093
18.75°	1140	1186	1225	1256	1278	1292	1296	1292	1278	1256	1225
17.5°	1269	1318	1358	1391	1415	1430	1435	1430	1415	1391	1358
16.25°	1394	1448	1493	1528	1553	1568	1573	1568	1553	1528	1493
15°	1521	1576	1621	1656	1681	1697	1702	1697	1681	1656	1621
13.75°	1638	1694	1739	1774	1799	1813	1818	1813	1799	1774	1739
12.5°	1745	1801	1843	1877	1899	1912	1917	1912	1899	1877	1843
11.25°	1839	1891	1931	1963	1986	1999	2004	1999	1986	1963	1931
10°	1918	1968	2009	2040	2062	2075	2080	2075	2062	2040	2009
8.75°	1987	2036	2076	2107	2130	2144	2148	2144	2130	2107	2076
7.5°	2045	2094	2135	2167	2190	2203	2207	2203	2190	2167	2135
6.25°	2094	2144	2186	2216	2234	2243	2245	2243	2234	2216	2186
5°	2135	2186	2225	2246	2254	2258	2259	2258	2254	2246	2225
3.75°	2167	2216	2246	2257	2259	2258	2257	2258	2259	2257	2246
2.5°	2190	2234	2254	2259	2256	2251	2250	2251	2256	2259	2254
1.25°	2203	2243	2258	2258	2251	2249	2250	2249	2251	2258	2258
0°	2207	2245	2259	2257	2250	2250	2259	2250	2250	2257	2259
-1.25°	2203	2243	2258	2258	2251	2249	2250	2249	2251	2258	2258
-2.5°	2190	2234	2254	2259	2256	2251	2250	2251	2256	2259	2254
-3.75°	2167	2216	2246	2257	2259	2258	2257	2258	2259	2257	2246
-5°	2135	2186	2225	2246	2254	2258	2259	2258	2254	2246	2225
-6.25°	2094	2144	2186	2216	2234	2243	2245	2243	2234	2216	2186
-7.5°	2045	2094	2135	2167	2190	2203	2207	2203	2190	2167	2135
-8.75°	1987	2036	2076	2107	2130	2144	2148	2144	2130	2107	2076
-10°	1918	1968	2009	2040	2062	2075	2080	2075	2062	2040	2009
-11.25°	1839	1891	1931	1963	1986	1999	2004	1999	1986	1963	1931
-12.5°	1745	1801	1843	1877	1899	1912	1917	1912	1899	1877	1843
-13.75°	1638	1694	1739	1774	1799	1813	1818	1813	1799	1774	1739
-15°	1521	1576	1621	1656	1681	1697	1702	1697	1681	1656	1621
-16.25°	1394	1448	1493	1528	1553	1568	1573	1568	1553	1528	1493
-17.5°	1269	1318	1358	1391	1415	1430	1435	1430	1415	1391	1358
-18.75°	1140	1186	1225	1256	1278	1292	1296	1292	1278	1256	1225
-20°	1017	1058	1093	1120	1139	1151	1155	1151	1139	1120	1093
-21.25°	899	935	966	991	1009	1020	1023	1020	1009	991	966





REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	787	819	845	867	883	893	896	893	883	867	845
-23.75°	684	712	735	753	767	776	778	776	767	753	735
-25°	588	613	633	649	661	668	670	668	661	649	633
-26.25°	502	522	540	554	564	570	572	570	564	554	540
-27.5°	426	442	456	469	477	482	484	482	477	469	456
-28.75°	358	372	384	394	401	405	407	405	401	394	384
-30°	302	313	322	329	334	337	338	337	334	329	322
-31.25°	249	260	268	275	280	283	284	283	280	275	268
-32.5°	206	213	219	224	227	229	229	229	227	224	219
-33.75°	170	176	182	186	189	191	192	191	189	186	182
-35°	140	144	148	150	152	154	154	154	152	150	148
-36.25°	115	120	123	125	127	128	129	128	127	125	123
-37.5°	95	98	100	101	103	103	104	103	103	101	100
-38.75°	78	80	82	84	85	86	86	86	85	84	82
-40°	63	65	66	67	68	69	69	69	68	67	66
-41.25°	51	52	54	55	56	56	56	56	56	55	54
-42.5°	41	42	42	43	43	44	44	44	43	43	42
-43.75°	34	35	35	36	36	37	37	37	36	36	35
-45°	28	28	29	29	29	29	30	29	29	29	29
-46.25°	23	24	24	25	25	25	25	25	25	25	24
-47.5°	20	20	20	20	21	21	21	21	21	20	20
-48.75°	17	17	18	18	18	18	18	18	18	18	18
-50°	15	15	15	15	15	15	15	15	15	15	15
-51.25°	12	13	13	13	13	13	13	13	13	13	13
-52.5°	11	11	11	11	11	11	11	11	11	11	11
-53.75°	9	10	10	10	10	10	10	10	10	10	10
-55°	9	9	9	9	9	9	9	9	9	9	9
-56.25°	8	8	8	8	8	8	8	8	8	8	8
-57.5°	7	8	8	8	8	8	8	8	8	8	8
-58.75°	7	7	7	7	7	7	7	7	7	7	7
-60°	7	7	7	7	7	7	7	7	7	7	7
-61.25°	7	7	7	7	7	7	7	7	7	7	7
-62.5°	6	7	7	7	7	7	7	7	7	7	7
-63.75°	6	6	6	6	6	6	6	6	6	6	6
-65°	6	6	6	6	6	6	6	6	6	6	6
-66.25°	6	6	6	6	6	6	6	6	6	6	6
-67.5°	5	5	5	5	5	5	6	5	5	5	5
-68.75°	5	5	5	5	5	5	5	5	5	5	5
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	4	4	4	4	4	4	4	4	4	4	4
-73.75°	4	4	4	4	4	4	4	4	4	4	4
-75°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	2	2	2	2	2	2	2	2	2	2	2
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	1	1	1	1	1	1	1	1	1	1	1
-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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	1	1	1	1	1	1	1	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	2	2	2	2	2	2	2	2	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	3	3	3	3	3	3	3	3	3	2	2
75°	3	3	3	3	3	3	3	3	3	3	3
73.75°	4	4	4	4	4	4	4	4	4	4	3
72.5°	4	4	4	4	4	4	4	4	4	4	4
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	5	5	5	5	5	5	5	4	4
67.5°	5	5	5	5	5	5	5	5	5	5	5
66.25°	6	6	6	6	6	6	6	6	6	6	5
65°	6	6	6	6	6	6	6	6	6	6	6
63.75°	6	6	6	6	6	6	6	6	6	6	6
62.5°	7	6	6	6	6	6	6	6	6	6	6
61.25°	7	7	7	7	7	7	7	7	7	7	6
60°	7	7	7	7	7	7	7	7	7	7	7
58.75°	7	7	7	7	7	7	7	7	7	7	7
57.5°	8	7	7	7	7	7	7	7	7	7	7
56.25°	8	8	8	8	8	8	8	8	7	7	7
55°	9	9	8	8	8	8	8	8	8	8	8
53.75°	10	9	9	9	9	9	9	9	9	8	8
52.5°	11	11	10	10	10	10	10	10	9	9	9
51.25°	13	12	12	12	12	11	11	11	10	10	10
50°	15	15	14	14	14	13	13	12	12	11	11
48.75°	17	17	17	16	16	15	15	15	14	13	13
47.5°	20	20	19	19	19	18	17	17	16	16	15
46.25°	24	23	23	22	21	21	20	19	19	18	17
45°	28	28	27	26	26	25	24	23	22	20	20
43.75°	35	34	33	31	30	29	28	27	26	24	23
42.5°	42	41	40	38	37	35	34	32	30	28	27
41.25°	52	51	49	46	44	42	40	38	36	34	32
40°	65	63	61	58	56	53	50	46	43	40	38
38.75°	80	78	75	71	68	65	61	58	54	49	45
37.5°	98	95	92	88	84	79	75	69	65	60	56
36.25°	120	115	111	105	101	96	91	85	79	73	67
35°	144	140	135	129	123	116	108	101	95	88	81



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	176	170	162	153	147	139	131	122	113	103	96
32.5°	213	206	198	189	178	167	154	145	135	125	114
31.25°	260	249	237	225	214	202	188	174	159	146	135
30°	313	302	289	274	257	239	222	207	191	175	157
28.75°	372	358	341	325	308	289	268	245	224	206	188
27.5°	442	426	406	385	363	338	316	293	268	241	218
26.25°	522	502	479	453	427	399	370	340	314	286	257
25°	613	588	562	532	500	466	432	398	364	330	300
23.75°	712	684	653	618	580	542	501	460	421	381	343
22.5°	819	787	750	712	668	624	577	530	484	438	394
21.25°	935	899	857	812	763	712	659	606	553	500	448
20°	1058	1017	970	919	864	806	746	686	626	566	508
18.75°	1186	1140	1089	1032	970	905	838	770	703	636	570
17.5°	1318	1269	1211	1147	1080	1009	933	858	782	708	636
16.25°	1448	1394	1334	1268	1192	1113	1032	948	864	782	703
15°	1576	1521	1456	1382	1304	1219	1130	1040	948	858	770
13.75°	1694	1638	1573	1497	1412	1323	1229	1130	1032	933	838
12.5°	1801	1745	1680	1605	1518	1422	1323	1219	1113	1009	905
11.25°	1891	1839	1776	1701	1615	1518	1412	1304	1192	1080	970
10°	1968	1918	1859	1787	1701	1605	1497	1382	1268	1147	1032
8.75°	2036	1987	1927	1859	1776	1680	1573	1456	1334	1211	1089
7.5°	2094	2045	1987	1918	1839	1745	1638	1521	1394	1269	1140
6.25°	2144	2094	2036	1968	1891	1801	1694	1576	1448	1318	1186
5°	2186	2135	2076	2009	1931	1843	1739	1621	1493	1358	1225
3.75°	2216	2167	2107	2040	1963	1877	1774	1656	1528	1391	1256
2.5°	2234	2190	2130	2062	1986	1899	1799	1681	1553	1415	1278
1.25°	2243	2203	2144	2075	1999	1912	1813	1697	1568	1430	1292
0°	2245	2207	2148	2080	2004	1917	1818	1702	1573	1435	1296
-1.25°	2243	2203	2144	2075	1999	1912	1813	1697	1568	1430	1292
-2.5°	2234	2190	2130	2062	1986	1899	1799	1681	1553	1415	1278
-3.75°	2216	2167	2107	2040	1963	1877	1774	1656	1528	1391	1256
-5°	2186	2135	2076	2009	1931	1843	1739	1621	1493	1358	1225
-6.25°	2144	2094	2036	1968	1891	1801	1694	1576	1448	1318	1186
-7.5°	2094	2045	1987	1918	1839	1745	1638	1521	1394	1269	1140
-8.75°	2036	1987	1927	1859	1776	1680	1573	1456	1334	1211	1089
-10°	1968	1918	1859	1787	1701	1605	1497	1382	1268	1147	1032
-11.25°	1891	1839	1776	1701	1615	1518	1412	1304	1192	1080	970
-12.5°	1801	1745	1680	1605	1518	1422	1323	1219	1113	1009	905
-13.75°	1694	1638	1573	1497	1412	1323	1229	1130	1032	933	838
-15°	1576	1521	1456	1382	1304	1219	1130	1040	948	858	770
-16.25°	1448	1394	1334	1268	1192	1113	1032	948	864	782	703
-17.5°	1318	1269	1211	1147	1080	1009	933	858	782	708	636
-18.75°	1186	1140	1089	1032	970	905	838	770	703	636	570
-20°	1058	1017	970	919	864	806	746	686	626	566	508
-21.25°	935	899	857	812	763	712	659	606	553	500	448



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	819	787	750	712	668	624	577	530	484	438	394
-23.75°	712	684	653	618	580	542	501	460	421	381	343
-25°	613	588	562	532	500	466	432	398	364	330	300
-26.25°	522	502	479	453	427	399	370	340	314	286	257
-27.5°	442	426	406	385	363	338	316	293	268	241	218
-28.75°	372	358	341	325	308	289	268	245	224	206	188
-30°	313	302	289	274	257	239	222	207	191	175	157
-31.25°	260	249	237	225	214	202	188	174	159	146	135
-32.5°	213	206	198	189	178	167	154	145	135	125	114
-33.75°	176	170	162	153	147	139	131	122	113	103	96
-35°	144	140	135	129	123	116	108	101	95	88	81
-36.25°	120	115	111	105	101	96	91	85	79	73	67
-37.5°	98	95	92	88	84	79	75	69	65	60	56
-38.75°	80	78	75	71	68	65	61	58	54	49	45
-40°	65	63	61	58	56	53	50	46	43	40	38
-41.25°	52	51	49	46	44	42	40	38	36	34	32
-42.5°	42	41	40	38	37	35	34	32	30	28	27
-43.75°	35	34	33	31	30	29	28	27	26	24	23
-45°	28	28	27	26	26	25	24	23	22	20	20
-46.25°	24	23	23	22	21	21	20	19	19	18	17
-47.5°	20	20	19	19	19	18	17	17	16	16	15
-48.75°	17	17	17	16	16	15	15	15	14	13	13
-50°	15	15	14	14	14	13	13	12	12	11	11
-51.25°	13	12	12	12	12	11	11	11	10	10	10
-52.5°	11	11	10	10	10	10	10	10	9	9	9
-53.75°	10	9	9	9	9	9	9	9	9	8	8
-55°	9	9	8	8	8	8	8	8	8	8	8
-56.25°	8	8	8	8	8	8	8	8	7	7	7
-57.5°	8	7	7	7	7	7	7	7	7	7	7
-58.75°	7	7	7	7	7	7	7	7	7	7	7
-60°	7	7	7	7	7	7	7	7	7	7	7
-61.25°	7	7	7	7	7	7	7	7	7	7	6
-62.5°	7	6	6	6	6	6	6	6	6	6	6
-63.75°	6	6	6	6	6	6	6	6	6	6	6
-65°	6	6	6	6	6	6	6	6	6	6	6
-66.25°	6	6	6	6	6	6	6	6	6	6	5
-67.5°	5	5	5	5	5	5	5	5	5	5	5
-68.75°	5	5	5	5	5	5	5	5	5	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	4	4	4	4	4	4	4	4	4	4	4
-73.75°	4	4	4	4	4	4	4	4	4	4	3
-75°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	3	3	3	3	3	3	3	3	3	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	2	2	2	2	2	2	2	2	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	1	1	1	1	1	1	1	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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	3	3	3	3	3	3	3	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	4	4	4	4	4	4	4	3	3	3	3
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	5	5	5	5	5	4	4	4	4	4	4
66.25°	5	5	5	5	5	5	5	5	5	4	4
65°	6	6	6	6	6	5	5	5	5	5	5
63.75°	6	6	6	6	6	6	6	6	6	5	5
62.5°	6	6	6	6	6	6	6	6	6	6	6
61.25°	6	6	6	6	6	6	6	6	6	6	6
60°	7	7	7	6	6	6	6	6	6	6	6
58.75°	7	7	7	7	7	7	7	6	6	6	6
57.5°	7	7	7	7	7	7	7	7	7	7	6
56.25°	7	7	7	7	7	7	7	7	7	7	7
55°	8	8	7	7	7	7	7	7	7	7	7
53.75°	8	8	8	8	8	7	7	7	7	7	7
52.5°	9	9	8	8	8	8	8	8	7	7	7
51.25°	10	9	9	9	9	8	8	8	8	8	7
50°	11	10	10	10	9	9	9	8	8	8	8
48.75°	12	12	11	11	10	10	9	9	9	8	8
47.5°	14	14	13	12	11	11	10	10	9	9	9
46.25°	16	16	15	14	13	12	11	11	10	10	9
45°	19	18	17	16	15	14	13	12	11	11	10
43.75°	22	20	19	18	17	16	15	14	13	12	11
42.5°	25	24	22	21	19	18	17	16	15	14	13
41.25°	29	28	26	24	22	20	19	18	17	15	14
40°	35	33	30	28	26	24	22	20	19	17	16
38.75°	42	39	36	33	29	27	25	23	21	19	18
37.5°	51	46	42	38	35	32	29	26	24	21	20
36.25°	61	56	50	44	41	37	33	29	27	25	22
35°	73	66	61	54	48	42	39	35	31	28	25



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	88	80	71	64	58	51	44	40	36	31	28
32.5°	103	94	85	76	67	60	53	46	40	36	31
31.25°	123	110	99	90	80	70	62	54	46	41	36
30°	143	130	117	103	93	82	71	63	55	46	40
28.75°	168	150	136	121	106	95	83	72	63	54	46
27.5°	198	177	155	139	124	108	95	83	71	62	53
26.25°	227	205	183	159	141	125	108	95	82	70	60
25°	268	235	210	186	161	141	124	106	93	80	67
23.75°	309	275	240	211	186	159	139	121	103	90	76
22.5°	352	314	277	240	210	183	155	136	117	99	85
21.25°	400	354	314	275	235	205	177	150	130	110	94
20°	452	400	352	309	268	227	198	168	143	123	103
18.75°	508	448	394	343	300	257	218	188	157	135	114
17.5°	566	500	438	381	330	286	241	206	175	146	125
16.25°	626	553	484	421	364	314	268	224	191	159	135
15°	686	606	530	460	398	340	293	245	207	174	145
13.75°	746	659	577	501	432	370	316	268	222	188	154
12.5°	806	712	624	542	466	399	338	289	239	202	167
11.25°	864	763	668	580	500	427	363	308	257	214	178
10°	919	812	712	618	532	453	385	325	274	225	189
8.75°	970	857	750	653	562	479	406	341	289	237	198
7.5°	1017	899	787	684	588	502	426	358	302	249	206
6.25°	1058	935	819	712	613	522	442	372	313	260	213
5°	1093	966	845	735	633	540	456	384	322	268	219
3.75°	1120	991	867	753	649	554	469	394	329	275	224
2.5°	1139	1009	883	767	661	564	477	401	334	280	227
1.25°	1151	1020	893	776	668	570	482	405	337	283	229
0°	1155	1023	896	778	670	572	484	407	338	284	229
-1.25°	1151	1020	893	776	668	570	482	405	337	283	229
-2.5°	1139	1009	883	767	661	564	477	401	334	280	227
-3.75°	1120	991	867	753	649	554	469	394	329	275	224
-5°	1093	966	845	735	633	540	456	384	322	268	219
-6.25°	1058	935	819	712	613	522	442	372	313	260	213
-7.5°	1017	899	787	684	588	502	426	358	302	249	206
-8.75°	970	857	750	653	562	479	406	341	289	237	198
-10°	919	812	712	618	532	453	385	325	274	225	189
-11.25°	864	763	668	580	500	427	363	308	257	214	178
-12.5°	806	712	624	542	466	399	338	289	239	202	167
-13.75°	746	659	577	501	432	370	316	268	222	188	154
-15°	686	606	530	460	398	340	293	245	207	174	145
-16.25°	626	553	484	421	364	314	268	224	191	159	135
-17.5°	566	500	438	381	330	286	241	206	175	146	125
-18.75°	508	448	394	343	300	257	218	188	157	135	114
-20°	452	400	352	309	268	227	198	168	143	123	103
-21.25°	400	354	314	275	235	205	177	150	130	110	94





REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	352	314	277	240	210	183	155	136	117	99	85
-23.75°	309	275	240	211	186	159	139	121	103	90	76
-25°	268	235	210	186	161	141	124	106	93	80	67
-26.25°	227	205	183	159	141	125	108	95	82	70	60
-27.5°	198	177	155	139	124	108	95	83	71	62	53
-28.75°	168	150	136	121	106	95	83	72	63	54	46
-30°	143	130	117	103	93	82	71	63	55	46	40
-31.25°	123	110	99	90	80	70	62	54	46	41	36
-32.5°	103	94	85	76	67	60	53	46	40	36	31
-33.75°	88	80	71	64	58	51	44	40	36	31	28
-35°	73	66	61	54	48	42	39	35	31	28	25
-36.25°	61	56	50	44	41	37	33	29	27	25	22
-37.5°	51	46	42	38	35	32	29	26	24	21	20
-38.75°	42	39	36	33	29	27	25	23	21	19	18
-40°	35	33	30	28	26	24	22	20	19	17	16
-41.25°	29	28	26	24	22	20	19	18	17	15	14
-42.5°	25	24	22	21	19	18	17	16	15	14	13
-43.75°	22	20	19	18	17	16	15	14	13	12	11
-45°	19	18	17	16	15	14	13	12	11	11	10
-46.25°	16	16	15	14	13	12	11	11	10	10	9
-47.5°	14	14	13	12	11	11	10	10	9	9	9
-48.75°	12	12	11	11	10	10	9	9	9	8	8
-50°	11	10	10	10	9	9	9	8	8	8	8
-51.25°	10	9	9	9	9	8	8	8	8	8	7
-52.5°	9	9	8	8	8	8	8	8	7	7	7
-53.75°	8	8	8	8	8	7	7	7	7	7	7
-55°	8	8	7	7	7	7	7	7	7	7	7
-56.25°	7	7	7	7	7	7	7	7	7	7	7
-57.5°	7	7	7	7	7	7	7	7	7	7	6
-58.75°	7	7	7	7	7	7	7	6	6	6	6
-60°	7	7	7	6	6	6	6	6	6	6	6
-61.25°	6	6	6	6	6	6	6	6	6	6	6
-62.5°	6	6	6	6	6	6	6	6	6	6	6
-63.75°	6	6	6	6	6	6	6	6	6	5	5
-65°	6	6	6	6	6	5	5	5	5	5	5
-66.25°	5	5	5	5	5	5	5	5	5	4	4
-67.5°	5	5	5	5	5	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	4	4	4	4	4	4	4	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	3	3	3	3	3	3	3	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	2	2	1	1	1	1
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	2	2	2	2	2
71.25°	4	3	3	3	3	3	3	3	3	2	2
70°	4	4	4	4	4	3	3	3	3	3	3
68.75°	4	4	4	4	4	4	4	4	3	3	3
67.5°	4	4	4	4	4	4	4	4	4	4	3
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	5	5	4	4	4	4	4	4	4	4	4
63.75°	5	5	5	5	4	4	4	4	4	4	4
62.5°	6	5	5	5	5	5	5	4	4	4	4
61.25°	6	6	6	5	5	5	5	5	5	4	4
60°	6	6	6	6	6	6	5	5	5	5	5
58.75°	6	6	6	6	6	6	6	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	5	5
56.25°	7	6	6	6	6	6	6	6	6	6	6
55°	7	7	7	6	6	6	6	6	6	6	6
53.75°	7	7	7	7	7	6	6	6	6	6	6
52.5°	7	7	7	7	7	7	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	6	6	6
50°	8	7	7	7	7	7	7	7	7	6	6
48.75°	8	8	7	7	7	7	7	7	7	7	6
47.5°	8	8	8	8	7	7	7	7	7	7	7
46.25°	9	8	8	8	8	7	7	7	7	7	7
45°	10	9	9	8	8	8	7	7	7	7	7
43.75°	10	10	9	9	8	8	8	7	7	7	7
42.5°	11	11	10	9	9	8	8	8	7	7	7
41.25°	13	12	11	10	9	9	8	8	8	7	7
40°	15	13	12	11	10	10	9	8	8	8	7
38.75°	16	15	13	12	11	10	9	9	8	8	8
37.5°	18	16	15	14	12	11	10	9	9	8	8
36.25°	20	18	17	15	13	12	11	10	9	9	8
35°	22	20	18	16	15	13	12	11	10	9	8



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	25	22	20	18	16	15	13	11	10	10	9
32.5°	28	25	22	20	18	16	14	13	11	10	9
31.25°	31	28	25	21	19	17	15	14	12	11	10
30°	36	31	27	24	21	19	17	15	13	11	10
28.75°	40	35	29	26	23	20	18	16	14	12	11
27.5°	44	39	33	29	25	22	19	17	15	13	11
26.25°	51	42	37	32	27	24	20	18	16	14	12
25°	58	48	41	35	29	26	22	19	17	15	13
23.75°	64	54	44	38	33	28	24	21	18	16	14
22.5°	71	61	50	42	36	30	26	22	19	17	15
21.25°	80	66	56	46	39	33	28	24	20	18	16
20°	88	73	61	51	42	35	29	25	22	19	16
18.75°	96	81	67	56	45	38	32	27	23	20	17
17.5°	103	88	73	60	49	40	34	28	24	20	18
16.25°	113	95	79	65	54	43	36	30	26	22	19
15°	122	101	85	69	58	46	38	32	27	23	19
13.75°	131	108	91	75	61	50	40	34	28	24	20
12.5°	139	116	96	79	65	53	42	35	29	25	21
11.25°	147	123	101	84	68	56	44	37	30	26	21
10°	153	129	105	88	71	58	46	38	31	26	22
8.75°	162	135	111	92	75	61	49	40	33	27	23
7.5°	170	140	115	95	78	63	51	41	34	28	23
6.25°	176	144	120	98	80	65	52	42	35	28	24
5°	182	148	123	100	82	66	54	42	35	29	24
3.75°	186	150	125	101	84	67	55	43	36	29	25
2.5°	189	152	127	103	85	68	56	43	36	29	25
1.25°	191	154	128	103	86	69	56	44	37	29	25
0°	192	154	129	104	86	69	56	44	37	30	25
-1.25°	191	154	128	103	86	69	56	44	37	29	25
-2.5°	189	152	127	103	85	68	56	43	36	29	25
-3.75°	186	150	125	101	84	67	55	43	36	29	25
-5°	182	148	123	100	82	66	54	42	35	29	24
-6.25°	176	144	120	98	80	65	52	42	35	28	24
-7.5°	170	140	115	95	78	63	51	41	34	28	23
-8.75°	162	135	111	92	75	61	49	40	33	27	23
-10°	153	129	105	88	71	58	46	38	31	26	22
-11.25°	147	123	101	84	68	56	44	37	30	26	21
-12.5°	139	116	96	79	65	53	42	35	29	25	21
-13.75°	131	108	91	75	61	50	40	34	28	24	20
-15°	122	101	85	69	58	46	38	32	27	23	19
-16.25°	113	95	79	65	54	43	36	30	26	22	19
-17.5°	103	88	73	60	49	40	34	28	24	20	18
-18.75°	96	81	67	56	45	38	32	27	23	20	17
-20°	88	73	61	51	42	35	29	25	22	19	16
-21.25°	80	66	56	46	39	33	28	24	20	18	16



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	71	61	50	42	36	30	26	22	19	17	15
-23.75°	64	54	44	38	33	28	24	21	18	16	14
-25°	58	48	41	35	29	26	22	19	17	15	13
-26.25°	51	42	37	32	27	24	20	18	16	14	12
-27.5°	44	39	33	29	25	22	19	17	15	13	11
-28.75°	40	35	29	26	23	20	18	16	14	12	11
-30°	36	31	27	24	21	19	17	15	13	11	10
-31.25°	31	28	25	21	19	17	15	14	12	11	10
-32.5°	28	25	22	20	18	16	14	13	11	10	9
-33.75°	25	22	20	18	16	15	13	11	10	10	9
-35°	22	20	18	16	15	13	12	11	10	9	8
-36.25°	20	18	17	15	13	12	11	10	9	9	8
-37.5°	18	16	15	14	12	11	10	9	9	8	8
-38.75°	16	15	13	12	11	10	9	9	8	8	8
-40°	15	13	12	11	10	10	9	8	8	8	7
-41.25°	13	12	11	10	9	9	8	8	8	7	7
-42.5°	11	11	10	9	9	8	8	8	7	7	7
-43.75°	10	10	9	9	8	8	8	7	7	7	7
-45°	10	9	9	8	8	8	7	7	7	7	7
-46.25°	9	8	8	8	8	7	7	7	7	7	7
-47.5°	8	8	8	8	7	7	7	7	7	7	7
-48.75°	8	8	7	7	7	7	7	7	7	7	6
-50°	8	7	7	7	7	7	7	7	7	6	6
-51.25°	7	7	7	7	7	7	7	7	6	6	6
-52.5°	7	7	7	7	7	7	6	6	6	6	6
-53.75°	7	7	7	7	7	6	6	6	6	6	6
-55°	7	7	7	6	6	6	6	6	6	6	6
-56.25°	7	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	5	5
-58.75°	6	6	6	6	6	6	6	5	5	5	5
-60°	6	6	6	6	6	6	5	5	5	5	5
-61.25°	6	6	6	5	5	5	5	5	5	4	4
-62.5°	6	5	5	5	5	5	5	4	4	4	4
-63.75°	5	5	5	5	4	4	4	4	4	4	4
-65°	5	5	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	3
-68.75°	4	4	4	4	4	4	4	4	3	3	3
-70°	4	4	4	4	4	3	3	3	3	3	3
-71.25°	4	3	3	3	3	3	3	3	3	2	2
-72.5°	3	3	3	3	3	3	2	2	2	2	2
-73.75°	3	3	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	2	2	2	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	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°	2	2	2	2	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	2	2	2	2	2	2	2	2	2	2
68.75°	3	3	3	2	2	2	2	2	2	2	2
67.5°	3	3	3	3	3	2	2	2	2	2	2
66.25°	4	3	3	3	3	3	3	2	2	2	2
65°	4	4	4	3	3	3	3	3	2	2	2
63.75°	4	4	4	4	4	3	3	3	3	3	2
62.5°	4	4	4	4	4	4	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	4	3	3	3
60°	4	4	4	4	4	4	4	4	4	3	3
58.75°	5	4	4	4	4	4	4	4	4	4	3
57.5°	5	5	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	4	4	4	4	4	4	4
55°	6	5	5	5	5	4	4	4	4	4	4
53.75°	6	6	5	5	5	5	4	4	4	4	4
52.5°	6	6	6	5	5	5	5	4	4	4	4
51.25°	6	6	6	6	5	5	5	5	4	4	4
50°	6	6	6	6	6	5	5	5	4	4	4
48.75°	6	6	6	6	6	6	5	5	5	4	4
47.5°	6	6	6	6	6	6	6	5	5	5	4
46.25°	7	6	6	6	6	6	6	6	5	5	5
45°	7	7	6	6	6	6	6	6	5	5	5
43.75°	7	7	7	6	6	6	6	6	6	5	5
42.5°	7	7	7	7	6	6	6	6	6	5	5
41.25°	7	7	7	7	6	6	6	6	6	6	5
40°	7	7	7	7	7	6	6	6	6	6	6
38.75°	7	7	7	7	7	7	6	6	6	6	6
37.5°	8	7	7	7	7	7	6	6	6	6	6
36.25°	8	7	7	7	7	7	7	6	6	6	6
35°	8	8	7	7	7	7	7	6	6	6	6



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	8	8	8	7	7	7	7	7	6	6	6
32.5°	9	8	8	7	7	7	7	7	6	6	6
31.25°	9	8	8	8	7	7	7	7	7	6	6
30°	9	9	8	8	7	7	7	7	7	6	6
28.75°	10	9	8	8	8	7	7	7	7	6	6
27.5°	10	9	9	8	8	7	7	7	7	7	6
26.25°	11	10	9	8	8	7	7	7	7	7	6
25°	11	10	9	9	8	8	7	7	7	7	6
23.75°	12	11	10	9	8	8	7	7	7	7	6
22.5°	13	11	10	9	8	8	7	7	7	7	7
21.25°	14	12	10	9	9	8	8	7	7	7	7
20°	14	12	11	10	9	8	8	7	7	7	7
18.75°	15	13	11	10	9	8	8	7	7	7	7
17.5°	16	13	11	10	9	8	8	7	7	7	7
16.25°	16	14	12	10	9	9	8	7	7	7	7
15°	17	15	12	11	10	9	8	8	7	7	7
13.75°	17	15	13	11	10	9	8	8	7	7	7
12.5°	18	15	13	11	10	9	8	8	7	7	7
11.25°	19	16	14	12	10	9	8	8	7	7	7
10°	19	16	14	12	10	9	8	8	7	7	7
8.75°	19	17	14	12	10	9	8	8	7	7	7
7.5°	20	17	15	12	11	9	9	8	7	7	7
6.25°	20	17	15	13	11	10	9	8	8	7	7
5°	20	18	15	13	11	10	9	8	8	7	7
3.75°	20	18	15	13	11	10	9	8	8	7	7
2.5°	21	18	15	13	11	10	9	8	8	7	7
1.25°	21	18	15	13	11	10	9	8	8	7	7
0°	21	18	15	13	11	10	9	8	8	7	7
-1.25°	21	18	15	13	11	10	9	8	8	7	7
-2.5°	21	18	15	13	11	10	9	8	8	7	7
-3.75°	20	18	15	13	11	10	9	8	8	7	7
-5°	20	18	15	13	11	10	9	8	8	7	7
-6.25°	20	17	15	13	11	10	9	8	8	7	7
-7.5°	20	17	15	12	11	9	9	8	7	7	7
-8.75°	19	17	14	12	10	9	8	8	7	7	7
-10°	19	16	14	12	10	9	8	8	7	7	7
-11.25°	19	16	14	12	10	9	8	8	7	7	7
-12.5°	18	15	13	11	10	9	8	8	7	7	7
-13.75°	17	15	13	11	10	9	8	8	7	7	7
-15°	17	15	12	11	10	9	8	8	7	7	7
-16.25°	16	14	12	10	9	9	8	7	7	7	7
-17.5°	16	13	11	10	9	8	8	7	7	7	7
-18.75°	15	13	11	10	9	8	8	7	7	7	7
-20°	14	12	11	10	9	8	8	7	7	7	7
-21.25°	14	12	10	9	9	8	8	7	7	7	7





REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	13	11	10	9	8	8	7	7	7	7	7
-23.75°	12	11	10	9	8	8	7	7	7	7	6
-25°	11	10	9	9	8	8	7	7	7	7	6
-26.25°	11	10	9	8	8	7	7	7	7	7	6
-27.5°	10	9	9	8	8	7	7	7	7	7	6
-28.75°	10	9	8	8	8	7	7	7	7	6	6
-30°	9	9	8	8	7	7	7	7	7	6	6
-31.25°	9	8	8	8	7	7	7	7	7	6	6
-32.5°	9	8	8	7	7	7	7	7	6	6	6
-33.75°	8	8	8	7	7	7	7	7	6	6	6
-35°	8	8	7	7	7	7	7	6	6	6	6
-36.25°	8	7	7	7	7	7	7	6	6	6	6
-37.5°	8	7	7	7	7	7	6	6	6	6	6
-38.75°	7	7	7	7	7	7	6	6	6	6	6
-40°	7	7	7	7	7	6	6	6	6	6	6
-41.25°	7	7	7	7	6	6	6	6	6	6	5
-42.5°	7	7	7	7	6	6	6	6	6	5	5
-43.75°	7	7	7	6	6	6	6	6	6	5	5
-45°	7	7	6	6	6	6	6	6	5	5	5
-46.25°	7	6	6	6	6	6	6	6	5	5	5
-47.5°	6	6	6	6	6	6	6	5	5	5	4
-48.75°	6	6	6	6	6	6	5	5	5	4	4
-50°	6	6	6	6	6	5	5	5	4	4	4
-51.25°	6	6	6	6	5	5	5	5	4	4	4
-52.5°	6	6	6	5	5	5	5	4	4	4	4
-53.75°	6	6	5	5	5	5	4	4	4	4	4
-55°	6	5	5	5	5	4	4	4	4	4	4
-56.25°	5	5	5	5	4	4	4	4	4	4	4
-57.5°	5	5	4	4	4	4	4	4	4	4	4
-58.75°	5	4	4	4	4	4	4	4	4	4	3
-60°	4	4	4	4	4	4	4	4	4	3	3
-61.25°	4	4	4	4	4	4	4	4	3	3	3
-62.5°	4	4	4	4	4	4	3	3	3	3	3
-63.75°	4	4	4	4	4	3	3	3	3	3	2
-65°	4	4	4	3	3	3	3	3	2	2	2
-66.25°	4	3	3	3	3	3	3	2	2	2	2
-67.5°	3	3	3	3	3	2	2	2	2	2	2
-68.75°	3	3	3	2	2	2	2	2	2	2	2
-70°	3	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	1	1
-75°	2	2	2	2	2	2	2	1	1	1	1
-76.25°	2	2	2	2	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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°	1	1	1	1	1	1	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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	1	1	1	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	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°	2	2	1	1	1	1	1	1	1	1	1
70°	2	2	2	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	1	1
61.25°	3	2	2	2	2	2	2	2	2	1	1
60°	3	3	2	2	2	2	2	2	2	2	1
58.75°	3	3	3	2	2	2	2	2	2	2	1
57.5°	3	3	3	2	2	2	2	2	2	2	2
56.25°	4	3	3	3	2	2	2	2	2	2	2
55°	4	3	3	3	3	2	2	2	2	2	2
53.75°	4	4	3	3	3	2	2	2	2	2	2
52.5°	4	4	4	3	3	3	2	2	2	2	2
51.25°	4	4	4	3	3	3	2	2	2	2	2
50°	4	4	4	4	3	3	3	2	2	2	2
48.75°	4	4	4	4	3	3	3	2	2	2	2
47.5°	4	4	4	4	4	3	3	3	2	2	2
46.25°	4	4	4	4	4	3	3	3	2	2	2
45°	4	4	4	4	4	4	3	3	2	2	2
43.75°	5	4	4	4	4	4	3	3	3	2	2
42.5°	5	4	4	4	4	4	4	3	3	2	2
41.25°	5	5	4	4	4	4	4	3	3	2	2
40°	5	5	4	4	4	4	4	3	3	3	2
38.75°	5	5	4	4	4	4	4	4	3	3	2
37.5°	5	5	5	4	4	4	4	4	3	3	2
36.25°	6	5	5	4	4	4	4	4	3	3	2
35°	6	5	5	5	4	4	4	4	3	3	3



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	6	6	5	5	4	4	4	4	4	3	3
32.5°	6	6	5	5	4	4	4	4	4	3	3
31.25°	6	6	5	5	4	4	4	4	4	3	3
30°	6	6	6	5	5	4	4	4	4	3	3
28.75°	6	6	6	5	5	4	4	4	4	3	3
27.5°	6	6	6	5	5	4	4	4	4	4	3
26.25°	6	6	6	5	5	4	4	4	4	4	3
25°	6	6	6	6	5	5	4	4	4	4	3
23.75°	6	6	6	6	5	5	4	4	4	4	3
22.5°	6	6	6	6	5	5	4	4	4	4	3
21.25°	6	6	6	6	5	5	4	4	4	4	3
20°	6	6	6	6	5	5	4	4	4	4	3
18.75°	6	6	6	6	5	5	4	4	4	4	3
17.5°	7	6	6	6	6	5	4	4	4	4	4
16.25°	7	6	6	6	6	5	5	4	4	4	4
15°	7	6	6	6	6	5	5	4	4	4	4
13.75°	7	6	6	6	6	5	5	4	4	4	4
12.5°	7	6	6	6	6	5	5	4	4	4	4
11.25°	7	6	6	6	6	5	5	4	4	4	4
10°	7	6	6	6	6	5	5	4	4	4	4
8.75°	7	6	6	6	6	5	5	4	4	4	4
7.5°	7	6	6	6	6	5	5	4	4	4	4
6.25°	7	7	6	6	6	5	5	4	4	4	4
5°	7	7	6	6	6	5	5	4	4	4	4
3.75°	7	7	6	6	6	5	5	4	4	4	4
2.5°	7	7	6	6	6	5	5	4	4	4	4
1.25°	7	7	6	6	6	5	5	4	4	4	4
0°	7	7	6	6	6	6	5	4	4	4	4
-1.25°	7	7	6	6	6	5	5	4	4	4	4
-2.5°	7	7	6	6	6	5	5	4	4	4	4
-3.75°	7	7	6	6	6	5	5	4	4	4	4
-5°	7	7	6	6	6	5	5	4	4	4	4
-6.25°	7	7	6	6	6	5	5	4	4	4	4
-7.5°	7	6	6	6	6	5	5	4	4	4	4
-8.75°	7	6	6	6	6	5	5	4	4	4	4
-10°	7	6	6	6	6	5	5	4	4	4	4
-11.25°	7	6	6	6	6	5	5	4	4	4	4
-12.5°	7	6	6	6	6	5	5	4	4	4	4
-13.75°	7	6	6	6	6	5	5	4	4	4	4
-15°	7	6	6	6	6	5	5	4	4	4	4
-16.25°	7	6	6	6	6	5	5	4	4	4	4
-17.5°	7	6	6	6	6	5	4	4	4	4	4
-18.75°	6	6	6	6	5	5	4	4	4	4	3
-20°	6	6	6	6	5	5	4	4	4	4	3
-21.25°	6	6	6	6	5	5	4	4	4	4	3



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	6	6	6	6	5	5	4	4	4	4	3
-23.75°	6	6	6	6	5	5	4	4	4	4	3
-25°	6	6	6	6	5	5	4	4	4	4	3
-26.25°	6	6	6	5	5	4	4	4	4	4	3
-27.5°	6	6	6	5	5	4	4	4	4	4	3
-28.75°	6	6	6	5	5	4	4	4	4	3	3
-30°	6	6	6	5	5	4	4	4	4	3	3
-31.25°	6	6	5	5	4	4	4	4	4	3	3
-32.5°	6	6	5	5	4	4	4	4	4	3	3
-33.75°	6	6	5	5	4	4	4	4	4	3	3
-35°	6	5	5	5	4	4	4	4	3	3	3
-36.25°	6	5	5	4	4	4	4	4	3	3	2
-37.5°	5	5	5	4	4	4	4	4	3	3	2
-38.75°	5	5	4	4	4	4	4	4	3	3	2
-40°	5	5	4	4	4	4	4	3	3	3	2
-41.25°	5	5	4	4	4	4	4	3	3	2	2
-42.5°	5	4	4	4	4	4	4	3	3	2	2
-43.75°	5	4	4	4	4	4	3	3	3	2	2
-45°	4	4	4	4	4	4	3	3	2	2	2
-46.25°	4	4	4	4	4	3	3	3	2	2	2
-47.5°	4	4	4	4	4	3	3	3	2	2	2
-48.75°	4	4	4	4	3	3	3	2	2	2	2
-50°	4	4	4	4	3	3	3	2	2	2	2
-51.25°	4	4	4	3	3	3	2	2	2	2	2
-52.5°	4	4	4	3	3	3	2	2	2	2	2
-53.75°	4	4	3	3	3	2	2	2	2	2	2
-55°	4	3	3	3	3	2	2	2	2	2	2
-56.25°	4	3	3	3	2	2	2	2	2	2	2
-57.5°	3	3	3	2	2	2	2	2	2	2	2
-58.75°	3	3	3	2	2	2	2	2	2	2	1
-60°	3	3	2	2	2	2	2	2	2	2	1
-61.25°	3	2	2	2	2	2	2	2	2	1	1
-62.5°	2	2	2	2	2	2	2	2	2	1	1
-63.75°	2	2	2	2	2	2	2	2	1	1	1
-65°	2	2	2	2	2	2	2	1	1	1	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	2	2	2	2	2	2	1	1	1	1	1
-68.75°	2	2	2	2	1	1	1	1	1	1	1
-70°	2	2	2	1	1	1	1	1	1	1	1
-71.25°	2	2	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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	1	1	1	1	0	0	0
-80°	1	1	1	1	1	1	0	0	0	0	0
-81.25°	1	1	1	1	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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	1	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	0	0	0	0	0	0	0	0
71.25°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	1	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	0	0	0	0	0	0
65°	1	1	1	1	1	1	0	0	0	0	0
63.75°	1	1	1	1	1	1	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	1	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	2	1	1	1	1	1	1	0	0	0	0
53.75°	2	1	1	1	1	1	1	1	0	0	0
52.5°	2	1	1	1	1	1	1	1	0	0	0
51.25°	2	2	1	1	1	1	1	1	0	0	0
50°	2	2	1	1	1	1	1	1	0	0	0
48.75°	2	2	1	1	1	1	1	1	0	0	0
47.5°	2	2	1	1	1	1	1	1	0	0	0
46.25°	2	2	2	1	1	1	1	1	0	0	0
45°	2	2	2	1	1	1	1	1	0	0	0
43.75°	2	2	2	1	1	1	1	1	0	0	0
42.5°	2	2	2	1	1	1	1	1	1	0	0
41.25°	2	2	2	2	1	1	1	1	1	0	0
40°	2	2	2	2	1	1	1	1	1	0	0
38.75°	2	2	2	2	1	1	1	1	1	0	0
37.5°	2	2	2	2	1	1	1	1	1	0	0
36.25°	2	2	2	2	1	1	1	1	1	0	0
35°	2	2	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	2	2	2	2	1	1	1	1	1	0	0
32.5°	2	2	2	2	2	1	1	1	1	0	0
31.25°	2	2	2	2	2	1	1	1	1	0	0
30°	2	2	2	2	2	1	1	1	1	0	0
28.75°	2	2	2	2	2	1	1	1	1	0	0
27.5°	3	2	2	2	2	1	1	1	1	0	0
26.25°	3	2	2	2	2	1	1	1	1	0	0
25°	3	2	2	2	2	1	1	1	1	0	0
23.75°	3	2	2	2	2	1	1	1	1	0	0
22.5°	3	2	2	2	2	1	1	1	1	0	0
21.25°	3	2	2	2	2	1	1	1	1	0	0
20°	3	2	2	2	2	1	1	1	1	0	0
18.75°	3	2	2	2	2	1	1	1	1	0	0
17.5°	3	2	2	2	2	1	1	1	1	0	0
16.25°	3	3	2	2	2	1	1	1	1	0	0
15°	3	3	2	2	2	2	1	1	1	0	0
13.75°	3	3	2	2	2	2	1	1	1	1	0
12.5°	3	3	2	2	2	2	1	1	1	1	0
11.25°	3	3	2	2	2	2	1	1	1	1	0
10°	3	3	2	2	2	2	1	1	1	1	0
8.75°	3	3	2	2	2	2	1	1	1	1	0
7.5°	3	3	2	2	2	2	1	1	1	1	0
6.25°	3	3	2	2	2	2	1	1	1	1	0
5°	3	3	2	2	2	2	1	1	1	1	0
3.75°	3	3	2	2	2	2	1	1	1	1	0
2.5°	3	3	2	2	2	2	1	1	1	1	0
1.25°	3	3	2	2	2	2	1	1	1	1	0
0°	3	3	2	2	2	2	1	1	1	1	0
-1.25°	3	3	2	2	2	2	1	1	1	1	0
-2.5°	3	3	2	2	2	2	1	1	1	1	0
-3.75°	3	3	2	2	2	2	1	1	1	1	0
-5°	3	3	2	2	2	2	1	1	1	1	0
-6.25°	3	3	2	2	2	2	1	1	1	1	0
-7.5°	3	3	2	2	2	2	1	1	1	1	0
-8.75°	3	3	2	2	2	2	1	1	1	1	0
-10°	3	3	2	2	2	2	1	1	1	1	0
-11.25°	3	3	2	2	2	2	1	1	1	1	0
-12.5°	3	3	2	2	2	2	1	1	1	1	0
-13.75°	3	3	2	2	2	2	1	1	1	1	0
-15°	3	3	2	2	2	2	1	1	1	0	0
-16.25°	3	3	2	2	2	1	1	1	1	0	0
-17.5°	3	2	2	2	2	1	1	1	1	0	0
-18.75°	3	2	2	2	2	1	1	1	1	0	0
-20°	3	2	2	2	2	1	1	1	1	0	0
-21.25°	3	2	2	2	2	1	1	1	1	0	0





REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	3	2	2	2	2	1	1	1	1	0	0
-23.75°	3	2	2	2	2	1	1	1	1	0	0
-25°	3	2	2	2	2	1	1	1	1	0	0
-26.25°	3	2	2	2	2	1	1	1	1	0	0
-27.5°	3	2	2	2	2	1	1	1	1	0	0
-28.75°	2	2	2	2	2	1	1	1	1	0	0
-30°	2	2	2	2	2	1	1	1	1	0	0
-31.25°	2	2	2	2	2	1	1	1	1	0	0
-32.5°	2	2	2	2	2	1	1	1	1	0	0
-33.75°	2	2	2	2	1	1	1	1	1	0	0
-35°	2	2	2	2	1	1	1	1	1	0	0
-36.25°	2	2	2	2	1	1	1	1	1	0	0
-37.5°	2	2	2	2	1	1	1	1	1	0	0
-38.75°	2	2	2	2	1	1	1	1	1	0	0
-40°	2	2	2	2	1	1	1	1	1	0	0
-41.25°	2	2	2	2	1	1	1	1	1	0	0
-42.5°	2	2	2	1	1	1	1	1	1	0	0
-43.75°	2	2	2	1	1	1	1	1	0	0	0
-45°	2	2	2	1	1	1	1	1	0	0	0
-46.25°	2	2	2	1	1	1	1	1	0	0	0
-47.5°	2	2	1	1	1	1	1	1	0	0	0
-48.75°	2	2	1	1	1	1	1	1	0	0	0
-50°	2	2	1	1	1	1	1	1	0	0	0
-51.25°	2	2	1	1	1	1	1	1	0	0	0
-52.5°	2	1	1	1	1	1	1	1	0	0	0
-53.75°	2	1	1	1	1	1	1	1	0	0	0
-55°	2	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	1	1	1	0	0	0	0	0
-65°	1	1	1	1	1	1	0	0	0	0	0
-66.25°	1	1	1	1	1	0	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	1	1	0	0	0	0	0	0	0
-71.25°	1	1	1	0	0	0	0	0	0	0	0
-72.5°	1	1	1	0	0	0	0	0	0	0	0
-73.75°	1	1	0	0	0	0	0	0	0	0	0
-75°	1	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: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0	0
88.75°	0	0
87.5°	0	0
86.25°	0	0
85°	0	0
83.75°	0	0
82.5°	0	0
81.25°	0	0
80°	0	0
78.75°	0	0
77.5°	0	0
76.25°	0	0
75°	0	0
73.75°	0	0
72.5°	0	0
71.25°	0	0
70°	0	0
68.75°	0	0
67.5°	0	0
66.25°	0	0
65°	0	0
63.75°	0	0
62.5°	0	0
61.25°	0	0
60°	0	0
58.75°	0	0
57.5°	0	0
56.25°	0	0
55°	0	0
53.75°	0	0
52.5°	0	0
51.25°	0	0
50°	0	0
48.75°	0	0
47.5°	0	0
46.25°	0	0
45°	0	0
43.75°	0	0
42.5°	0	0
41.25°	0	0
40°	0	0
38.75°	0	0
37.5°	0	0
36.25°	0	0
35°	0	0



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0	0
32.5°	0	0
31.25°	0	0
30°	0	0
28.75°	0	0
27.5°	0	0
26.25°	0	0
25°	0	0
23.75°	0	0
22.5°	0	0
21.25°	0	0
20°	0	0
18.75°	0	0
17.5°	0	0
16.25°	0	0
15°	0	0
13.75°	0	0
12.5°	0	0
11.25°	0	0
10°	0	0
8.75°	0	0
7.5°	0	0
6.25°	0	0
5°	0	0
3.75°	0	0
2.5°	0	0
1.25°	0	0
0°	0	0
-1.25°	0	0
-2.5°	0	0
-3.75°	0	0
-5°	0	0
-6.25°	0	0
-7.5°	0	0
-8.75°	0	0
-10°	0	0
-11.25°	0	0
-12.5°	0	0
-13.75°	0	0
-15°	0	0
-16.25°	0	0
-17.5°	0	0
-18.75°	0	0
-20°	0	0
-21.25°	0	0



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0	0
-23.75°	0	0
-25°	0	0
-26.25°	0	0
-27.5°	0	0
-28.75°	0	0
-30°	0	0
-31.25°	0	0
-32.5°	0	0
-33.75°	0	0
-35°	0	0
-36.25°	0	0
-37.5°	0	0
-38.75°	0	0
-40°	0	0
-41.25°	0	0
-42.5°	0	0
-43.75°	0	0
-45°	0	0
-46.25°	0	0
-47.5°	0	0
-48.75°	0	0
-50°	0	0
-51.25°	0	0
-52.5°	0	0
-53.75°	0	0
-55°	0	0
-56.25°	0	0
-57.5°	0	0
-58.75°	0	0
-60°	0	0
-61.25°	0	0
-62.5°	0	0
-63.75°	0	0
-65°	0	0
-66.25°	0	0
-67.5°	0	0
-68.75°	0	0
-70°	0	0
-71.25°	0	0
-72.5°	0	0
-73.75°	0	0
-75°	0	0
-76.25°	0	0
-77.5°	0	0



REPORT NUMBER: P220388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0	0
-80°	0	0
-81.25°	0	0
-82.5°	0	0
-83.75°	0	0
-85°	0	0
-86.25°	0	0
-87.5°	0	0
-88.75°	0	0
-90°	0	0

(END OF REPORT)