

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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29423)  
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-BK-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

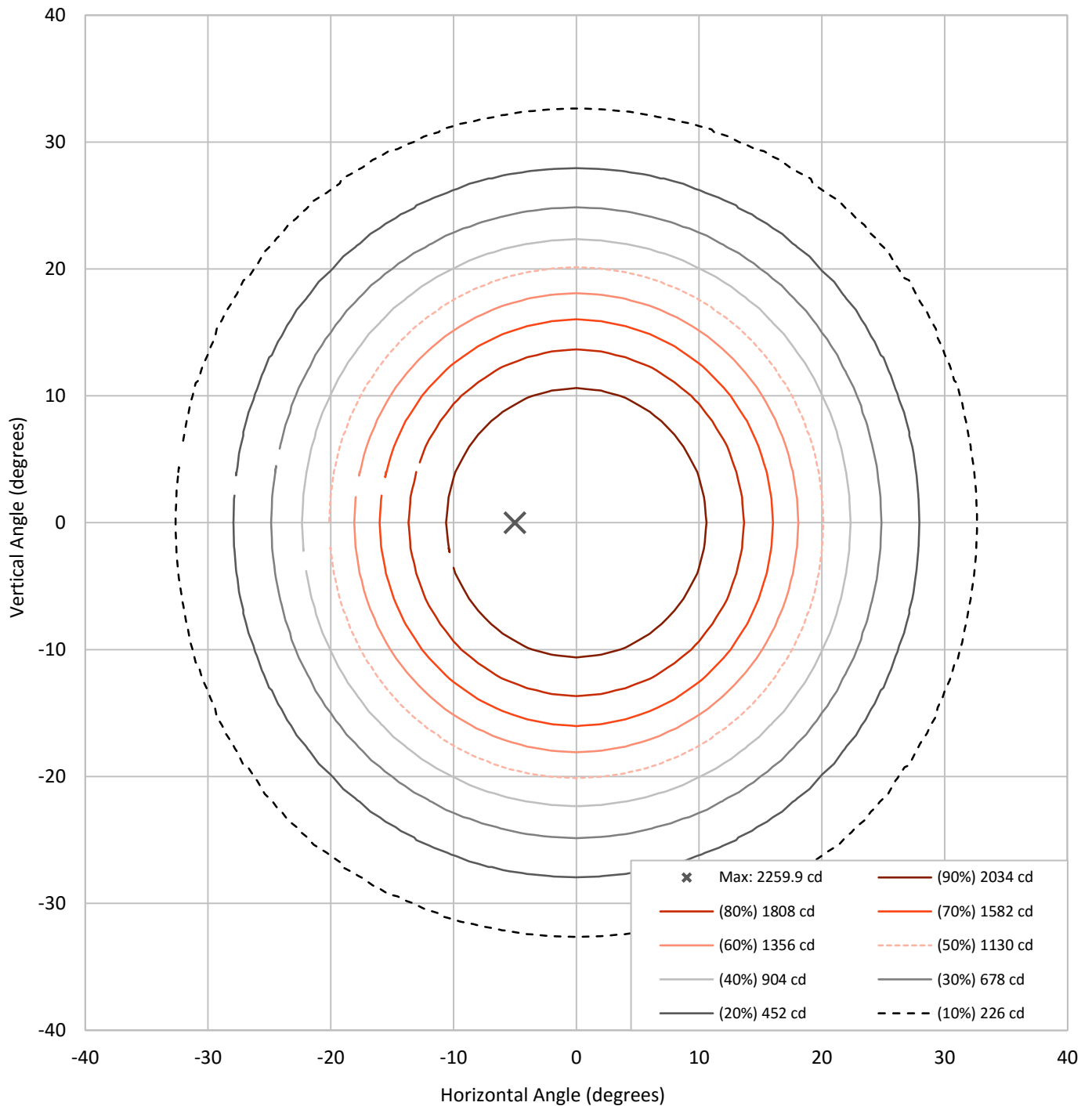
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1107.4 lumens	Max Intensity:	2259.9 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	110.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.3°H x 39.1°V	Field Angle (10%):	65°H x 64.5°V
Beam Lumens:	666.7 lumens	Field Lumens:	1013.5 lumens
Beam Efficiency:	60.2%	Field Efficiency:	91.5%
Input Watts (W):	10		
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-BK-L1-UNV

### Iso-Candela Plot





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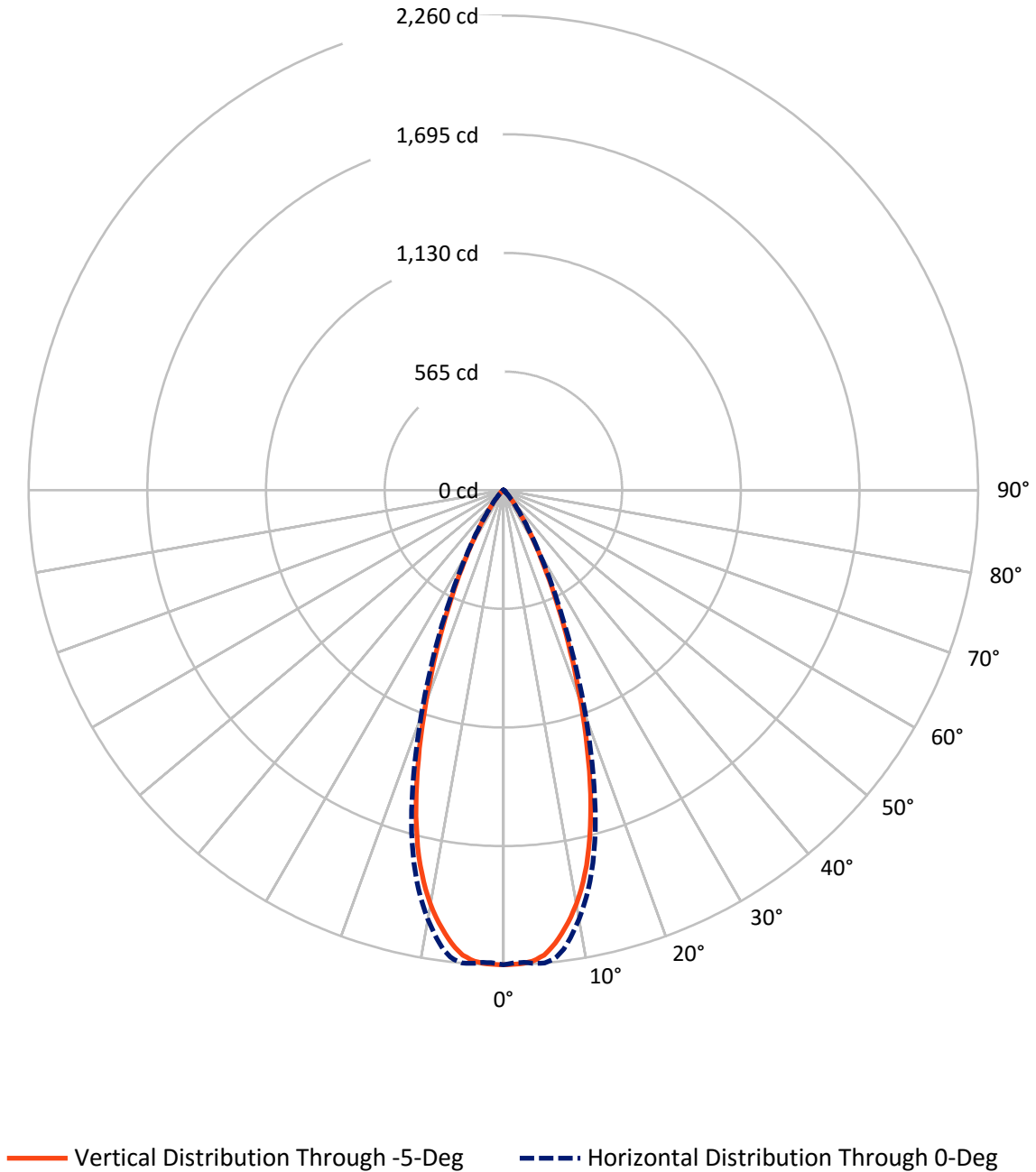
### Lumen Table

90	0.0															
80	0.0															
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	
50	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	0.9	0.6	0.4	0.2	0.1	0.0	0.0	0.0
40		0.0	0.1	0.1	0.5	1.4	3.1	4.8	4.8	3.1	1.4	0.5	0.1	0.1	0.0	
30	0.0	0.0	0.1	0.3	1.3	4.7	12.1	19.4	19.4	12.1	4.7	1.3	0.3	0.1	0.0	0.0
20		0.0	0.1	0.5	2.7	11.4	30.2	47.2	47.2	30.2	11.4	2.7	0.5	0.1	0.0	
10	0.0	0.0	0.1	0.6	4.0	17.8	45.9	65.3	65.3	45.9	17.8	4.0	0.6	0.1	0.0	0.0
0		0.0	0.1	0.6	4.0	17.8	45.9	65.3	65.3	45.9	17.8	4.0	0.6	0.1	0.0	
-10	0.0	0.0	0.1	0.5	2.7	11.4	30.2	47.2	47.2	30.2	11.4	2.7	0.5	0.1	0.0	0.0
-20		0.0	0.1	0.3	1.3	4.7	12.1	19.4	19.4	12.1	4.7	1.3	0.3	0.1	0.0	
-30	0.0	0.0	0.1	0.1	0.5	1.4	3.1	4.8	4.8	3.1	1.4	0.5	0.1	0.1	0.0	0.0
-40		0.0	0.0	0.1	0.2	0.4	0.6	0.9	0.9	0.6	0.4	0.2	0.1	0.0	0.0	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-70	0.0															
-80	0.0															
-90	0.0															

REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

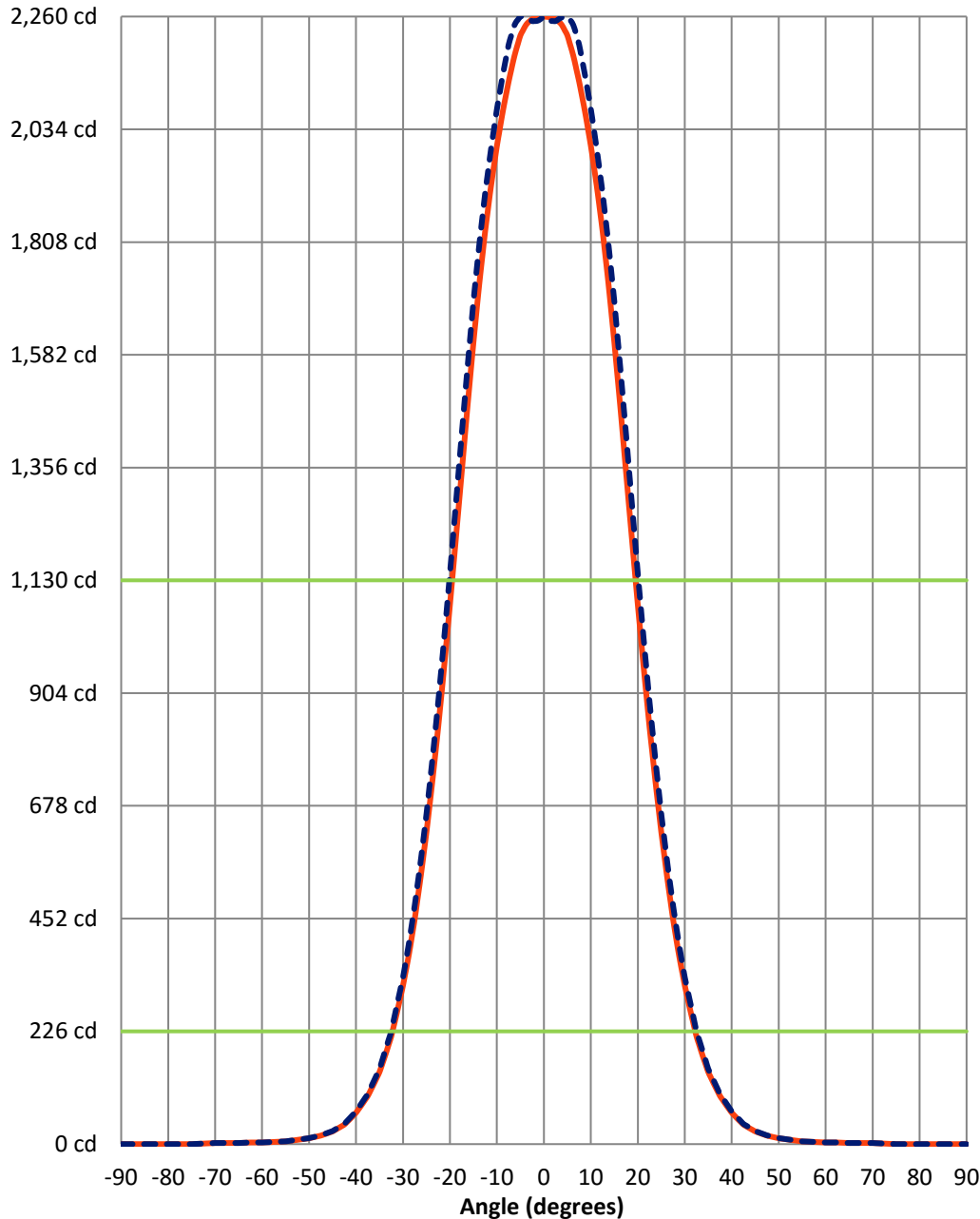
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-L1-UNV

### Luminous Intensity Polar Plot



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

### Luminous Intensity Plot



**Beam:**  
 H Angle: 40.3°  
 V Angle: 39.1°  
 Lumens: 666.7  
 Efficiency: 60.2%

**Field:**  
 H Angle: 65°  
 V Angle: 64.5°  
 Lumens: 1013.5  
 Efficiency: 91.5%

**Spill:**  
 Lumens: 93.9  
 Efficiency: 8.5%

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	1
48.75°	0	0	0	0	0	0	0	0	0	1	1
47.5°	0	0	0	0	0	0	0	0	0	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	0	1	1	2
42.5°	0	0	0	0	0	0	0	1	1	1	2
41.25°	0	0	0	0	0	0	0	1	1	2	2
40°	0	0	0	0	0	0	0	1	1	2	2
38.75°	0	0	0	0	0	0	1	1	1	2	2
37.5°	0	0	0	0	0	0	1	1	2	2	2
36.25°	0	0	0	0	0	0	1	1	2	2	2
35°	0	0	0	0	0	1	1	1	2	2	2



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	0	0	0	0	0	1	1	2	2	2	2
32.5°	0	0	0	0	0	1	1	2	2	2	2
31.25°	0	0	0	0	0	1	1	2	2	2	2
30°	0	0	0	0	1	1	1	2	2	2	2
28.75°	0	0	0	0	1	1	2	2	2	2	2
27.5°	0	0	0	0	1	1	2	2	2	2	2
26.25°	0	0	0	0	1	1	2	2	2	2	2
25°	0	0	0	0	1	1	2	2	2	2	2
23.75°	0	0	0	0	1	1	2	2	2	2	2
22.5°	0	0	0	0	1	2	2	2	2	2	2
21.25°	0	0	0	1	1	2	2	2	2	2	2
20°	0	0	0	1	1	2	2	2	2	2	2
18.75°	0	0	0	1	1	2	2	2	2	2	2
17.5°	0	0	0	1	1	2	2	2	2	2	2
16.25°	0	0	0	1	1	2	2	2	2	2	2
15°	0	0	0	1	1	2	2	2	2	2	2
13.75°	0	0	0	1	1	2	2	2	2	2	2
12.5°	0	0	0	1	1	2	2	2	2	2	2
11.25°	0	0	0	1	1	2	2	2	2	2	3
10°	0	0	0	1	2	2	2	2	2	2	3
8.75°	0	0	0	1	2	2	2	2	2	2	3
7.5°	0	0	0	1	2	2	2	2	2	2	3
6.25°	0	0	1	1	2	2	2	2	2	2	3
5°	0	0	1	1	2	2	2	2	2	2	3
3.75°	0	0	1	1	2	2	2	2	2	2	3
2.5°	0	0	1	1	2	2	2	2	2	2	3
1.25°	0	0	1	1	2	2	2	2	2	2	3
0°	0	0	1	1	2	2	2	2	2	2	3
-1.25°	0	0	1	1	2	2	2	2	2	2	3
-2.5°	0	0	1	1	2	2	2	2	2	2	3
-3.75°	0	0	1	1	2	2	2	2	2	2	3
-5°	0	0	1	1	2	2	2	2	2	2	3
-6.25°	0	0	1	1	2	2	2	2	2	2	3
-7.5°	0	0	0	1	2	2	2	2	2	2	3
-8.75°	0	0	0	1	2	2	2	2	2	2	3
-10°	0	0	0	1	2	2	2	2	2	2	3
-11.25°	0	0	0	1	1	2	2	2	2	2	3
-12.5°	0	0	0	1	1	2	2	2	2	2	2
-13.75°	0	0	0	1	1	2	2	2	2	2	2
-15°	0	0	0	1	1	2	2	2	2	2	2
-16.25°	0	0	0	1	1	2	2	2	2	2	2
-17.5°	0	0	0	1	1	2	2	2	2	2	2
-18.75°	0	0	0	1	1	2	2	2	2	2	2
-20°	0	0	0	1	1	2	2	2	2	2	2
-21.25°	0	0	0	1	1	2	2	2	2	2	2



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	0	0	0	0	1	2	2	2	2	2	2
-23.75°	0	0	0	0	1	1	2	2	2	2	2
-25°	0	0	0	0	1	1	2	2	2	2	2
-26.25°	0	0	0	0	1	1	2	2	2	2	2
-27.5°	0	0	0	0	1	1	2	2	2	2	2
-28.75°	0	0	0	0	1	1	2	2	2	2	2
-30°	0	0	0	0	1	1	1	2	2	2	2
-31.25°	0	0	0	0	0	1	1	2	2	2	2
-32.5°	0	0	0	0	0	1	1	2	2	2	2
-33.75°	0	0	0	0	0	1	1	2	2	2	2
-35°	0	0	0	0	0	1	1	1	2	2	2
-36.25°	0	0	0	0	0	0	1	1	2	2	2
-37.5°	0	0	0	0	0	0	1	1	2	2	2
-38.75°	0	0	0	0	0	0	1	1	1	2	2
-40°	0	0	0	0	0	0	0	1	1	2	2
-41.25°	0	0	0	0	0	0	0	1	1	2	2
-42.5°	0	0	0	0	0	0	0	1	1	1	2
-43.75°	0	0	0	0	0	0	0	0	1	1	2
-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	0	1	1
-48.75°	0	0	0	0	0	0	0	0	0	1	1
-50°	0	0	0	0	0	0	0	0	0	0	1
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	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	1
62.5°	0	0	0	0	0	0	0	0	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	2
58.75°	0	0	0	0	1	1	1	1	2	2	2
57.5°	0	0	0	1	1	1	1	2	2	2	2
56.25°	0	0	0	1	1	1	2	2	2	2	2
55°	0	0	1	1	1	2	2	2	2	2	2
53.75°	0	1	1	1	2	2	2	2	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	2	2
51.25°	1	1	1	2	2	2	2	2	2	2	2
50°	1	1	2	2	2	2	2	2	2	2	2
48.75°	1	2	2	2	2	2	2	2	2	2	2
47.5°	1	2	2	2	2	2	2	2	2	2	3
46.25°	2	2	2	2	2	2	2	2	2	2	3
45°	2	2	2	2	2	2	2	2	2	3	3
43.75°	2	2	2	2	2	2	2	2	3	3	3
42.5°	2	2	2	2	2	2	2	3	3	3	3
41.25°	2	2	2	2	2	2	2	3	3	3	3
40°	2	2	2	2	2	2	3	3	3	3	3
38.75°	2	2	2	2	2	2	3	3	3	3	3
37.5°	2	2	2	2	2	3	3	3	3	3	4
36.25°	2	2	2	2	2	3	3	3	3	3	4
35°	2	2	2	2	3	3	3	3	3	4	4



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	2	2	2	2	3	3	3	3	3	4	4
32.5°	2	2	2	3	3	3	3	3	4	4	5
31.25°	2	2	2	3	3	3	3	3	4	4	5
30°	2	2	2	3	3	3	3	4	4	5	5
28.75°	2	2	3	3	3	3	3	4	4	5	5
27.5°	2	2	3	3	3	3	4	4	4	5	5
26.25°	2	2	3	3	3	3	4	4	5	5	6
25°	2	3	3	3	3	3	4	4	5	5	6
23.75°	2	3	3	3	3	4	4	5	5	5	7
22.5°	2	3	3	3	3	4	4	5	5	6	7
21.25°	2	3	3	3	3	4	4	5	5	6	8
20°	3	3	3	3	3	4	4	5	5	7	8
18.75°	3	3	3	3	4	4	5	5	6	7	9
17.5°	3	3	3	3	4	4	5	5	6	8	9
16.25°	3	3	3	3	4	4	5	5	6	8	9
15°	3	3	3	3	4	4	5	5	7	8	10
13.75°	3	3	3	3	4	4	5	6	7	9	10
12.5°	3	3	3	3	4	5	5	6	7	9	11
11.25°	3	3	3	4	4	5	5	6	8	9	11
10°	3	3	3	4	4	5	5	6	8	9	11
8.75°	3	3	3	4	4	5	5	6	8	10	11
7.5°	3	3	3	4	4	5	5	7	8	10	11
6.25°	3	3	3	4	4	5	5	7	8	10	12
5°	3	3	3	4	4	5	5	7	8	10	12
3.75°	3	3	3	4	4	5	5	7	9	10	12
2.5°	3	3	3	4	4	5	5	7	9	10	12
1.25°	3	3	3	4	4	5	5	7	9	10	12
0°	3	3	3	4	4	5	6	7	9	10	12
-1.25°	3	3	3	4	4	5	5	7	9	10	12
-2.5°	3	3	3	4	4	5	5	7	9	10	12
-3.75°	3	3	3	4	4	5	5	7	9	10	12
-5°	3	3	3	4	4	5	5	7	8	10	12
-6.25°	3	3	3	4	4	5	5	7	8	10	12
-7.5°	3	3	3	4	4	5	5	7	8	10	11
-8.75°	3	3	3	4	4	5	5	6	8	10	11
-10°	3	3	3	4	4	5	5	6	8	9	11
-11.25°	3	3	3	4	4	5	5	6	8	9	11
-12.5°	3	3	3	3	4	5	5	6	7	9	11
-13.75°	3	3	3	3	4	4	5	6	7	9	10
-15°	3	3	3	3	4	4	5	5	7	8	10
-16.25°	3	3	3	3	4	4	5	5	6	8	9
-17.5°	3	3	3	3	4	4	5	5	6	8	9
-18.75°	3	3	3	3	4	4	5	5	6	7	9
-20°	3	3	3	3	3	4	4	5	5	7	8
-21.25°	2	3	3	3	3	4	4	5	5	6	8





REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	2	3	3	3	3	4	4	5	5	6	7
-23.75°	2	3	3	3	3	4	4	5	5	5	7
-25°	2	3	3	3	3	3	4	4	5	5	6
-26.25°	2	2	3	3	3	3	4	4	5	5	6
-27.5°	2	2	3	3	3	3	4	4	4	5	5
-28.75°	2	2	3	3	3	3	3	4	4	5	5
-30°	2	2	2	3	3	3	3	4	4	5	5
-31.25°	2	2	2	3	3	3	3	3	4	4	5
-32.5°	2	2	2	3	3	3	3	3	4	4	5
-33.75°	2	2	2	2	3	3	3	3	3	4	4
-35°	2	2	2	2	3	3	3	3	3	4	4
-36.25°	2	2	2	2	2	3	3	3	3	3	4
-37.5°	2	2	2	2	2	3	3	3	3	3	4
-38.75°	2	2	2	2	2	2	3	3	3	3	3
-40°	2	2	2	2	2	2	3	3	3	3	3
-41.25°	2	2	2	2	2	2	2	3	3	3	3
-42.5°	2	2	2	2	2	2	2	3	3	3	3
-43.75°	2	2	2	2	2	2	2	2	3	3	3
-45°	2	2	2	2	2	2	2	2	2	3	3
-46.25°	2	2	2	2	2	2	2	2	2	2	3
-47.5°	1	2	2	2	2	2	2	2	2	2	3
-48.75°	1	2	2	2	2	2	2	2	2	2	2
-50°	1	1	2	2	2	2	2	2	2	2	2
-51.25°	1	1	1	2	2	2	2	2	2	2	2
-52.5°	1	1	1	2	2	2	2	2	2	2	2
-53.75°	0	1	1	1	2	2	2	2	2	2	2
-55°	0	0	1	1	1	2	2	2	2	2	2
-56.25°	0	0	0	1	1	1	2	2	2	2	2
-57.5°	0	0	0	1	1	1	1	2	2	2	2
-58.75°	0	0	0	0	1	1	1	1	2	2	2
-60°	0	0	0	0	0	0	1	1	1	1	2
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	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	1	1	1
67.5°	0	0	0	0	0	1	1	1	1	1	1
66.25°	0	0	1	1	1	1	1	1	1	2	2
65°	1	1	1	1	1	1	2	2	2	2	2
63.75°	1	1	1	1	2	2	2	2	2	2	2
62.5°	1	1	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	3	3
55°	2	2	2	2	2	2	2	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	2	3	3	3	3	3	3	3
51.25°	2	2	2	3	3	3	3	3	3	3	3
50°	2	3	3	3	3	3	3	3	3	4	4
48.75°	3	3	3	3	3	3	3	3	4	4	4
47.5°	3	3	3	3	3	3	4	4	4	4	5
46.25°	3	3	3	3	3	4	4	4	4	5	5
45°	3	3	3	3	4	4	4	5	5	5	5
43.75°	3	3	3	4	4	4	5	5	5	5	6
42.5°	3	3	4	4	4	5	5	5	6	7	7
41.25°	3	4	4	4	5	5	5	6	7	8	8
40°	3	4	4	5	5	5	6	7	8	9	10
38.75°	4	4	4	5	5	6	7	8	9	10	11
37.5°	4	4	5	5	5	7	8	9	10	11	12
36.25°	4	5	5	5	6	7	8	10	11	12	13
35°	4	5	5	6	7	8	9	11	12	13	15



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	5	5	6	7	8	9	10	11	13	15	17
32.5°	5	5	6	8	9	10	11	13	14	16	19
31.25°	5	6	7	8	10	11	12	14	16	18	21
30°	5	7	8	9	10	12	13	15	17	21	24
28.75°	6	7	8	10	11	13	15	17	20	23	26
27.5°	7	8	9	10	12	14	16	19	22	25	30
26.25°	7	8	10	11	13	15	17	21	24	28	34
25°	8	9	10	12	14	16	19	23	26	32	37
23.75°	8	10	11	13	15	17	21	25	29	35	41
22.5°	9	10	12	14	16	19	23	26	32	38	47
21.25°	9	11	12	15	17	21	24	29	35	42	53
20°	10	11	13	16	18	22	26	32	38	47	58
18.75°	10	12	14	16	20	24	28	35	41	52	63
17.5°	11	12	15	17	21	25	31	37	46	57	69
16.25°	11	13	16	18	22	27	33	40	50	62	76
15°	11	14	16	20	24	29	35	43	54	66	82
13.75°	12	14	17	21	25	30	37	46	58	71	87
12.5°	12	15	17	22	26	32	39	50	61	76	93
11.25°	13	15	18	22	27	34	40	53	64	81	97
10°	13	16	19	23	28	35	43	55	68	85	102
8.75°	13	16	20	24	29	36	45	58	71	88	107
7.5°	14	17	20	25	30	37	47	60	74	92	112
6.25°	14	17	21	25	31	38	49	61	77	94	116
5°	14	17	21	25	32	39	50	63	79	96	120
3.75°	15	17	21	26	33	40	52	64	81	98	122
2.5°	15	17	22	26	33	40	52	65	82	99	124
1.25°	15	17	22	26	33	40	53	65	83	100	125
0°	15	18	22	26	33	40	53	66	83	100	126
-1.25°	15	17	22	26	33	40	53	65	83	100	125
-2.5°	15	17	22	26	33	40	52	65	82	99	124
-3.75°	15	17	21	26	33	40	52	64	81	98	122
-5°	14	17	21	25	32	39	50	63	79	96	120
-6.25°	14	17	21	25	31	38	49	61	77	94	116
-7.5°	14	17	20	25	30	37	47	60	74	92	112
-8.75°	13	16	20	24	29	36	45	58	71	88	107
-10°	13	16	19	23	28	35	43	55	68	85	102
-11.25°	13	15	18	22	27	34	40	53	64	81	97
-12.5°	12	15	17	22	26	32	39	50	61	76	93
-13.75°	12	14	17	21	25	30	37	46	58	71	87
-15°	11	14	16	20	24	29	35	43	54	66	82
-16.25°	11	13	16	18	22	27	33	40	50	62	76
-17.5°	11	12	15	17	21	25	31	37	46	57	69
-18.75°	10	12	14	16	20	24	28	35	41	52	63
-20°	10	11	13	16	18	22	26	32	38	47	58
-21.25°	9	11	12	15	17	21	24	29	35	42	53



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	9	10	12	14	16	19	23	26	32	38	47
-23.75°	8	10	11	13	15	17	21	25	29	35	41
-25°	8	9	10	12	14	16	19	23	26	32	37
-26.25°	7	8	10	11	13	15	17	21	24	28	34
-27.5°	7	8	9	10	12	14	16	19	22	25	30
-28.75°	6	7	8	10	11	13	15	17	20	23	26
-30°	5	7	8	9	10	12	13	15	17	21	24
-31.25°	5	6	7	8	10	11	12	14	16	18	21
-32.5°	5	5	6	8	9	10	11	13	14	16	19
-33.75°	5	5	6	7	8	9	10	11	13	15	17
-35°	4	5	5	6	7	8	9	11	12	13	15
-36.25°	4	5	5	5	6	7	8	10	11	12	13
-37.5°	4	4	5	5	5	7	8	9	10	11	12
-38.75°	4	4	4	5	5	6	7	8	9	10	11
-40°	3	4	4	5	5	5	6	7	8	9	10
-41.25°	3	4	4	4	5	5	5	6	7	8	8
-42.5°	3	3	4	4	4	5	5	5	6	7	7
-43.75°	3	3	3	4	4	4	5	5	5	5	6
-45°	3	3	3	3	4	4	4	5	5	5	5
-46.25°	3	3	3	3	3	4	4	4	4	5	5
-47.5°	3	3	3	3	3	3	4	4	4	4	5
-48.75°	3	3	3	3	3	3	3	3	4	4	4
-50°	2	3	3	3	3	3	3	3	3	4	4
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	3	3	3	3	3	3
-55°	2	2	2	2	2	2	2	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	1	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	2	2	2	2	2	2	2
-65°	1	1	1	1	1	1	2	2	2	2	2
-66.25°	0	0	1	1	1	1	1	1	1	2	2
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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	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	2	2	2	2	2	2
67.5°	1	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°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	3	3	3
60°	2	2	2	2	2	3	3	3	3	3	3
58.75°	2	2	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	4	4
55°	3	3	3	3	3	3	4	4	4	4	4
53.75°	3	3	3	3	4	4	4	4	4	5	5
52.5°	3	3	4	4	4	4	4	5	5	5	5
51.25°	4	4	4	4	5	5	5	5	5	5	6
50°	4	4	5	5	5	5	5	6	6	7	7
48.75°	4	5	5	5	5	6	7	7	8	8	9
47.5°	5	5	5	6	7	7	8	8	9	10	10
46.25°	5	6	6	7	8	8	9	10	10	11	12
45°	6	7	8	8	9	10	10	11	12	13	14
43.75°	7	8	9	10	10	11	12	13	14	15	16
42.5°	8	9	10	11	12	13	14	15	16	17	19
41.25°	9	10	11	12	13	15	16	17	19	21	23
40°	11	11	13	14	15	17	19	21	23	25	26
38.75°	12	13	14	16	17	20	22	24	26	29	32
37.5°	13	15	16	18	21	23	25	28	32	35	38
36.25°	15	17	19	21	24	26	30	34	37	41	47
35°	17	19	22	24	27	31	35	39	45	51	57



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	19	22	25	28	32	36	41	48	54	61	68
32.5°	22	25	28	33	37	42	50	57	64	73	82
31.25°	24	28	33	37	43	51	59	66	77	86	96
30°	27	32	37	43	51	59	68	79	89	100	113
28.75°	31	36	42	51	59	69	80	91	103	118	132
27.5°	35	41	50	59	68	80	92	105	121	136	152
26.25°	39	48	57	66	79	91	105	122	138	156	179
25°	45	54	64	77	89	103	121	138	157	182	207
23.75°	51	61	73	86	100	118	136	156	182	208	236
22.5°	57	68	82	96	113	132	152	179	207	236	274
21.25°	63	77	91	107	127	147	174	202	232	271	310
20°	70	85	99	120	140	165	195	224	265	305	347
18.75°	78	93	110	132	153	184	215	253	296	338	388
17.5°	85	100	121	143	171	203	238	282	326	376	432
16.25°	91	110	132	156	188	221	264	310	359	415	478
15°	98	119	142	171	204	242	289	336	392	455	525
13.75°	105	128	151	185	219	264	312	365	427	496	570
12.5°	113	136	164	198	236	285	334	393	461	536	616
11.25°	120	143	175	210	254	304	358	422	494	573	660
10°	126	150	186	221	270	321	380	448	526	610	703
8.75°	132	159	195	233	285	337	401	474	555	644	742
7.5°	137	166	203	246	298	353	420	497	581	675	778
6.25°	141	173	210	256	309	367	437	517	605	703	809
5°	144	179	216	265	318	379	451	534	625	726	836
3.75°	147	183	220	271	325	388	463	548	641	744	857
2.5°	149	186	223	276	330	395	472	557	652	758	873
1.25°	150	188	225	279	333	400	477	563	659	767	883
0°	151	188	226	280	334	401	479	565	662	769	886
-1.25°	150	188	225	279	333	400	477	563	659	767	883
-2.5°	149	186	223	276	330	395	472	557	652	758	873
-3.75°	147	183	220	271	325	388	463	548	641	744	857
-5°	144	179	216	265	318	379	451	534	625	726	836
-6.25°	141	173	210	256	309	367	437	517	605	703	809
-7.5°	137	166	203	246	298	353	420	497	581	675	778
-8.75°	132	159	195	233	285	337	401	474	555	644	742
-10°	126	150	186	221	270	321	380	448	526	610	703
-11.25°	120	143	175	210	254	304	358	422	494	573	660
-12.5°	113	136	164	198	236	285	334	393	461	536	616
-13.75°	105	128	151	185	219	264	312	365	427	496	570
-15°	98	119	142	171	204	242	289	336	392	455	525
-16.25°	91	110	132	156	188	221	264	310	359	415	478
-17.5°	85	100	121	143	171	203	238	282	326	376	432
-18.75°	78	93	110	132	153	184	215	253	296	338	388
-20°	70	85	99	120	140	165	195	224	265	305	347
-21.25°	63	77	91	107	127	147	174	202	232	271	310





REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	57	68	82	96	113	132	152	179	207	236	274
-23.75°	51	61	73	86	100	118	136	156	182	208	236
-25°	45	54	64	77	89	103	121	138	157	182	207
-26.25°	39	48	57	66	79	91	105	122	138	156	179
-27.5°	35	41	50	59	68	80	92	105	121	136	152
-28.75°	31	36	42	51	59	69	80	91	103	118	132
-30°	27	32	37	43	51	59	68	79	89	100	113
-31.25°	24	28	33	37	43	51	59	66	77	86	96
-32.5°	22	25	28	33	37	42	50	57	64	73	82
-33.75°	19	22	25	28	32	36	41	48	54	61	68
-35°	17	19	22	24	27	31	35	39	45	51	57
-36.25°	15	17	19	21	24	26	30	34	37	41	47
-37.5°	13	15	16	18	21	23	25	28	32	35	38
-38.75°	12	13	14	16	17	20	22	24	26	29	32
-40°	11	11	13	14	15	17	19	21	23	25	26
-41.25°	9	10	11	12	13	15	16	17	19	21	23
-42.5°	8	9	10	11	12	13	14	15	16	17	19
-43.75°	7	8	9	10	10	11	12	13	14	15	16
-45°	6	7	8	8	9	10	10	11	12	13	14
-46.25°	5	6	6	7	8	8	9	10	10	11	12
-47.5°	5	5	5	6	7	7	8	8	9	10	10
-48.75°	4	5	5	5	5	6	7	7	8	8	9
-50°	4	4	5	5	5	5	5	6	6	7	7
-51.25°	4	4	4	4	5	5	5	5	5	5	6
-52.5°	3	3	4	4	4	4	4	5	5	5	5
-53.75°	3	3	3	3	4	4	4	4	4	5	5
-55°	3	3	3	3	3	3	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	3	4	4
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	3	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	2
-71.25°	0	0	0	0	1	1	1	1	1	1	1
-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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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	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°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	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	2
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	3	3	3
62.5°	2	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	5	5	5	5
55°	4	4	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	6	6	6	6	6
52.5°	5	5	6	6	6	7	7	7	8	8	8
51.25°	6	7	7	8	8	8	9	9	9	9	10
50°	8	8	9	9	9	10	10	11	11	11	11
48.75°	9	10	10	11	11	11	12	12	13	13	13
47.5°	11	11	12	12	13	14	14	15	15	16	16
46.25°	12	13	14	15	16	16	17	17	18	19	20
45°	15	16	16	17	18	20	21	22	22	23	24
43.75°	17	18	20	21	22	24	25	26	27	28	29
42.5°	21	22	24	25	27	29	30	32	34	35	36
41.25°	24	26	28	31	33	35	37	39	40	43	45
40°	29	32	35	37	40	43	46	50	53	55	58
38.75°	35	38	41	46	50	54	58	61	64	68	71
37.5°	42	47	52	57	62	66	71	76	81	85	88
36.25°	53	58	63	69	76	82	87	93	97	102	107
35°	63	70	78	85	91	98	105	113	120	126	132



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	77	85	93	100	110	119	128	136	143	150	159
32.5°	91	99	110	121	132	142	151	164	175	186	195
31.25°	107	120	132	143	156	171	185	198	210	221	233
30°	127	140	153	171	188	204	219	236	254	270	285
28.75°	147	165	184	203	221	242	264	285	304	321	337
27.5°	174	195	215	238	264	289	312	334	358	380	401
26.25°	202	224	253	282	310	336	365	393	422	448	474
25°	232	265	296	326	359	392	427	461	494	526	555
23.75°	271	305	338	376	415	455	496	536	573	610	644
22.5°	310	347	388	432	478	525	570	616	660	703	742
21.25°	350	395	443	494	546	598	651	704	754	802	847
20°	395	446	502	559	618	677	737	797	854	908	959
18.75°	443	502	563	628	694	761	828	895	959	1020	1077
17.5°	494	559	628	700	773	848	923	997	1068	1136	1199
16.25°	546	618	694	773	854	937	1020	1102	1180	1253	1321
15°	598	677	761	848	937	1028	1118	1207	1291	1370	1443
13.75°	651	737	828	923	1020	1118	1216	1310	1400	1484	1558
12.5°	704	797	895	997	1102	1207	1310	1410	1504	1590	1666
11.25°	754	854	959	1068	1180	1291	1400	1504	1600	1688	1762
10°	802	908	1020	1136	1253	1370	1484	1590	1688	1773	1846
8.75°	847	959	1077	1199	1321	1443	1558	1666	1762	1846	1918
7.5°	888	1006	1129	1255	1382	1507	1624	1731	1826	1908	1978
6.25°	924	1046	1174	1305	1435	1561	1681	1787	1879	1960	2028
5°	955	1081	1212	1346	1480	1607	1725	1830	1922	2001	2070
3.75°	979	1108	1242	1379	1514	1642	1760	1864	1954	2032	2101
2.5°	997	1128	1264	1403	1539	1668	1785	1888	1977	2055	2125
1.25°	1008	1140	1278	1417	1553	1684	1799	1902	1991	2070	2138
0°	1012	1144	1282	1422	1558	1689	1804	1906	1995	2074	2143
-1.25°	1008	1140	1278	1417	1553	1684	1799	1902	1991	2070	2138
-2.5°	997	1128	1264	1403	1539	1668	1785	1888	1977	2055	2125
-3.75°	979	1108	1242	1379	1514	1642	1760	1864	1954	2032	2101
-5°	955	1081	1212	1346	1480	1607	1725	1830	1922	2001	2070
-6.25°	924	1046	1174	1305	1435	1561	1681	1787	1879	1960	2028
-7.5°	888	1006	1129	1255	1382	1507	1624	1731	1826	1908	1978
-8.75°	847	959	1077	1199	1321	1443	1558	1666	1762	1846	1918
-10°	802	908	1020	1136	1253	1370	1484	1590	1688	1773	1846
-11.25°	754	854	959	1068	1180	1291	1400	1504	1600	1688	1762
-12.5°	704	797	895	997	1102	1207	1310	1410	1504	1590	1666
-13.75°	651	737	828	923	1020	1118	1216	1310	1400	1484	1558
-15°	598	677	761	848	937	1028	1118	1207	1291	1370	1443
-16.25°	546	618	694	773	854	937	1020	1102	1180	1253	1321
-17.5°	494	559	628	700	773	848	923	997	1068	1136	1199
-18.75°	443	502	563	628	694	761	828	895	959	1020	1077
-20°	395	446	502	559	618	677	737	797	854	908	959
-21.25°	350	395	443	494	546	598	651	704	754	802	847



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	310	347	388	432	478	525	570	616	660	703	742
-23.75°	271	305	338	376	415	455	496	536	573	610	644
-25°	232	265	296	326	359	392	427	461	494	526	555
-26.25°	202	224	253	282	310	336	365	393	422	448	474
-27.5°	174	195	215	238	264	289	312	334	358	380	401
-28.75°	147	165	184	203	221	242	264	285	304	321	337
-30°	127	140	153	171	188	204	219	236	254	270	285
-31.25°	107	120	132	143	156	171	185	198	210	221	233
-32.5°	91	99	110	121	132	142	151	164	175	186	195
-33.75°	77	85	93	100	110	119	128	136	143	150	159
-35°	63	70	78	85	91	98	105	113	120	126	132
-36.25°	53	58	63	69	76	82	87	93	97	102	107
-37.5°	42	47	52	57	62	66	71	76	81	85	88
-38.75°	35	38	41	46	50	54	58	61	64	68	71
-40°	29	32	35	37	40	43	46	50	53	55	58
-41.25°	24	26	28	31	33	35	37	39	40	43	45
-42.5°	21	22	24	25	27	29	30	32	34	35	36
-43.75°	17	18	20	21	22	24	25	26	27	28	29
-45°	15	16	16	17	18	20	21	22	22	23	24
-46.25°	12	13	14	15	16	16	17	17	18	19	20
-47.5°	11	11	12	12	13	14	14	15	15	16	16
-48.75°	9	10	10	11	11	11	12	12	13	13	13
-50°	8	8	9	9	9	10	10	11	11	11	11
-51.25°	6	7	7	8	8	8	9	9	9	9	10
-52.5°	5	5	6	6	6	7	7	7	8	8	8
-53.75°	5	5	5	5	5	5	6	6	6	6	6
-55°	4	4	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	4	4	4	5	5	5	5
-57.5°	3	3	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	3	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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	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	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	2
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°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	6	5	5	5	5
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	8	8	8	9	9	9	9	9	9	9	8
51.25°	10	10	10	10	10	10	10	10	10	10	10
50°	11	12	12	12	12	12	12	12	12	12	12
48.75°	14	14	14	15	15	15	15	15	15	15	14
47.5°	17	17	17	17	17	17	18	17	17	17	17
46.25°	20	21	21	21	22	22	22	22	22	21	21
45°	25	25	25	26	26	26	26	26	26	26	25
43.75°	30	31	32	33	33	33	33	33	33	33	32
42.5°	37	38	39	40	40	40	40	40	40	40	39
41.25°	47	49	50	52	52	53	53	53	52	52	50
40°	60	61	63	64	65	65	66	65	65	64	63
38.75°	74	77	79	81	82	83	83	83	82	81	79
37.5°	92	94	96	98	99	100	100	100	99	98	96
36.25°	112	116	120	122	124	125	126	125	124	122	120
35°	137	141	144	147	149	150	151	150	149	147	144



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	166	173	179	183	186	188	188	188	186	183	179
32.5°	203	210	216	220	223	225	226	225	223	220	216
31.25°	246	256	265	271	276	279	280	279	276	271	265
30°	298	309	318	325	330	333	334	333	330	325	318
28.75°	353	367	379	388	395	400	401	400	395	388	379
27.5°	420	437	451	463	472	477	479	477	472	463	451
26.25°	497	517	534	548	557	563	565	563	557	548	534
25°	581	605	625	641	652	659	662	659	652	641	625
23.75°	675	703	726	744	758	767	769	767	758	744	726
22.5°	778	809	836	857	873	883	886	883	873	857	836
21.25°	888	924	955	979	997	1008	1012	1008	997	979	955
20°	1006	1046	1081	1108	1128	1140	1144	1140	1128	1108	1081
18.75°	1129	1174	1212	1242	1264	1278	1282	1278	1264	1242	1212
17.5°	1255	1305	1346	1379	1403	1417	1422	1417	1403	1379	1346
16.25°	1382	1435	1480	1514	1539	1553	1558	1553	1539	1514	1480
15°	1507	1561	1607	1642	1668	1684	1689	1684	1668	1642	1607
13.75°	1624	1681	1725	1760	1785	1799	1804	1799	1785	1760	1725
12.5°	1731	1787	1830	1864	1888	1902	1906	1902	1888	1864	1830
11.25°	1826	1879	1922	1954	1977	1991	1995	1991	1977	1954	1922
10°	1908	1960	2001	2032	2055	2070	2074	2070	2055	2032	2001
8.75°	1978	2028	2070	2101	2125	2138	2143	2138	2125	2101	2070
7.5°	2038	2088	2130	2162	2187	2199	2204	2199	2187	2162	2130
6.25°	2088	2139	2182	2213	2232	2241	2245	2241	2232	2213	2182
5°	2130	2182	2222	2245	2255	2259	2260	2259	2255	2245	2222
3.75°	2162	2213	2245	2257	2260	2260	2258	2260	2260	2257	2245
2.5°	2187	2232	2255	2260	2257	2252	2251	2252	2257	2260	2255
1.25°	2199	2241	2259	2260	2252	2249	2251	2249	2252	2260	2259
0°	2204	2245	2260	2258	2251	2251	2260	2251	2251	2258	2260
-1.25°	2199	2241	2259	2260	2252	2249	2251	2249	2252	2260	2259
-2.5°	2187	2232	2255	2260	2257	2252	2251	2252	2257	2260	2255
-3.75°	2162	2213	2245	2257	2260	2260	2258	2260	2260	2257	2245
-5°	2130	2182	2222	2245	2255	2259	2260	2259	2255	2245	2222
-6.25°	2088	2139	2182	2213	2232	2241	2245	2241	2232	2213	2182
-7.5°	2038	2088	2130	2162	2187	2199	2204	2199	2187	2162	2130
-8.75°	1978	2028	2070	2101	2125	2138	2143	2138	2125	2101	2070
-10°	1908	1960	2001	2032	2055	2070	2074	2070	2055	2032	2001
-11.25°	1826	1879	1922	1954	1977	1991	1995	1991	1977	1954	1922
-12.5°	1731	1787	1830	1864	1888	1902	1906	1902	1888	1864	1830
-13.75°	1624	1681	1725	1760	1785	1799	1804	1799	1785	1760	1725
-15°	1507	1561	1607	1642	1668	1684	1689	1684	1668	1642	1607
-16.25°	1382	1435	1480	1514	1539	1553	1558	1553	1539	1514	1480
-17.5°	1255	1305	1346	1379	1403	1417	1422	1417	1403	1379	1346
-18.75°	1129	1174	1212	1242	1264	1278	1282	1278	1264	1242	1212
-20°	1006	1046	1081	1108	1128	1140	1144	1140	1128	1108	1081
-21.25°	888	924	955	979	997	1008	1012	1008	997	979	955





REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	778	809	836	857	873	883	886	883	873	857	836
-23.75°	675	703	726	744	758	767	769	767	758	744	726
-25°	581	605	625	641	652	659	662	659	652	641	625
-26.25°	497	517	534	548	557	563	565	563	557	548	534
-27.5°	420	437	451	463	472	477	479	477	472	463	451
-28.75°	353	367	379	388	395	400	401	400	395	388	379
-30°	298	309	318	325	330	333	334	333	330	325	318
-31.25°	246	256	265	271	276	279	280	279	276	271	265
-32.5°	203	210	216	220	223	225	226	225	223	220	216
-33.75°	166	173	179	183	186	188	188	188	186	183	179
-35°	137	141	144	147	149	150	151	150	149	147	144
-36.25°	112	116	120	122	124	125	126	125	124	122	120
-37.5°	92	94	96	98	99	100	100	100	99	98	96
-38.75°	74	77	79	81	82	83	83	83	82	81	79
-40°	60	61	63	64	65	65	66	65	65	64	63
-41.25°	47	49	50	52	52	53	53	53	52	52	50
-42.5°	37	38	39	40	40	40	40	40	40	40	39
-43.75°	30	31	32	33	33	33	33	33	33	33	32
-45°	25	25	25	26	26	26	26	26	26	26	25
-46.25°	20	21	21	21	22	22	22	22	22	21	21
-47.5°	17	17	17	17	17	17	18	17	17	17	17
-48.75°	14	14	14	15	15	15	15	15	15	15	14
-50°	11	12	12	12	12	12	12	12	12	12	12
-51.25°	10	10	10	10	10	10	10	10	10	10	10
-52.5°	8	8	8	9	9	9	9	9	9	9	8
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	5	5	5	5	5	5	6	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-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	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
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°	3	3	3	3	3	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	5	5	4	4	4	4	4
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	7	7	6	6	6	6	6	5	5	5	5
52.5°	8	8	8	8	8	7	7	7	6	6	6
51.25°	10	10	10	9	9	9	9	8	8	8	7
50°	12	11	11	11	11	11	10	10	9	9	9
48.75°	14	14	13	13	13	12	12	11	11	11	10
47.5°	17	17	16	16	15	15	14	14	13	12	12
46.25°	21	20	20	19	18	17	17	16	16	15	14
45°	25	25	24	23	22	22	21	20	18	17	16
43.75°	31	30	29	28	27	26	25	24	22	21	20
42.5°	38	37	36	35	34	32	30	29	27	25	24
41.25°	49	47	45	43	40	39	37	35	33	31	28
40°	61	60	58	55	53	50	46	43	40	37	35
38.75°	77	74	71	68	64	61	58	54	50	46	41
37.5°	94	92	88	85	81	76	71	66	62	57	52
36.25°	116	112	107	102	97	93	87	82	76	69	63
35°	141	137	132	126	120	113	105	98	91	85	78



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	173	166	159	150	143	136	128	119	110	100	93
32.5°	210	203	195	186	175	164	151	142	132	121	110
31.25°	256	246	233	221	210	198	185	171	156	143	132
30°	309	298	285	270	254	236	219	204	188	171	153
28.75°	367	353	337	321	304	285	264	242	221	203	184
27.5°	437	420	401	380	358	334	312	289	264	238	215
26.25°	517	497	474	448	422	393	365	336	310	282	253
25°	605	581	555	526	494	461	427	392	359	326	296
23.75°	703	675	644	610	573	536	496	455	415	376	338
22.5°	809	778	742	703	660	616	570	525	478	432	388
21.25°	924	888	847	802	754	704	651	598	546	494	443
20°	1046	1006	959	908	854	797	737	677	618	559	502
18.75°	1174	1129	1077	1020	959	895	828	761	694	628	563
17.5°	1305	1255	1199	1136	1068	997	923	848	773	700	628
16.25°	1435	1382	1321	1253	1180	1102	1020	937	854	773	694
15°	1561	1507	1443	1370	1291	1207	1118	1028	937	848	761
13.75°	1681	1624	1558	1484	1400	1310	1216	1118	1020	923	828
12.5°	1787	1731	1666	1590	1504	1410	1310	1207	1102	997	895
11.25°	1879	1826	1762	1688	1600	1504	1400	1291	1180	1068	959
10°	1960	1908	1846	1773	1688	1590	1484	1370	1253	1136	1020
8.75°	2028	1978	1918	1846	1762	1666	1558	1443	1321	1199	1077
7.5°	2088	2038	1978	1908	1826	1731	1624	1507	1382	1255	1129
6.25°	2139	2088	2028	1960	1879	1787	1681	1561	1435	1305	1174
5°	2182	2130	2070	2001	1922	1830	1725	1607	1480	1346	1212
3.75°	2213	2162	2101	2032	1954	1864	1760	1642	1514	1379	1242
2.5°	2232	2187	2125	2055	1977	1888	1785	1668	1539	1403	1264
1.25°	2241	2199	2138	2070	1991	1902	1799	1684	1553	1417	1278
0°	2245	2204	2143	2074	1995	1906	1804	1689	1558	1422	1282
-1.25°	2241	2199	2138	2070	1991	1902	1799	1684	1553	1417	1278
-2.5°	2232	2187	2125	2055	1977	1888	1785	1668	1539	1403	1264
-3.75°	2213	2162	2101	2032	1954	1864	1760	1642	1514	1379	1242
-5°	2182	2130	2070	2001	1922	1830	1725	1607	1480	1346	1212
-6.25°	2139	2088	2028	1960	1879	1787	1681	1561	1435	1305	1174
-7.5°	2088	2038	1978	1908	1826	1731	1624	1507	1382	1255	1129
-8.75°	2028	1978	1918	1846	1762	1666	1558	1443	1321	1199	1077
-10°	1960	1908	1846	1773	1688	1590	1484	1370	1253	1136	1020
-11.25°	1879	1826	1762	1688	1600	1504	1400	1291	1180	1068	959
-12.5°	1787	1731	1666	1590	1504	1410	1310	1207	1102	997	895
-13.75°	1681	1624	1558	1484	1400	1310	1216	1118	1020	923	828
-15°	1561	1507	1443	1370	1291	1207	1118	1028	937	848	761
-16.25°	1435	1382	1321	1253	1180	1102	1020	937	854	773	694
-17.5°	1305	1255	1199	1136	1068	997	923	848	773	700	628
-18.75°	1174	1129	1077	1020	959	895	828	761	694	628	563
-20°	1046	1006	959	908	854	797	737	677	618	559	502
-21.25°	924	888	847	802	754	704	651	598	546	494	443



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	809	778	742	703	660	616	570	525	478	432	388
-23.75°	703	675	644	610	573	536	496	455	415	376	338
-25°	605	581	555	526	494	461	427	392	359	326	296
-26.25°	517	497	474	448	422	393	365	336	310	282	253
-27.5°	437	420	401	380	358	334	312	289	264	238	215
-28.75°	367	353	337	321	304	285	264	242	221	203	184
-30°	309	298	285	270	254	236	219	204	188	171	153
-31.25°	256	246	233	221	210	198	185	171	156	143	132
-32.5°	210	203	195	186	175	164	151	142	132	121	110
-33.75°	173	166	159	150	143	136	128	119	110	100	93
-35°	141	137	132	126	120	113	105	98	91	85	78
-36.25°	116	112	107	102	97	93	87	82	76	69	63
-37.5°	94	92	88	85	81	76	71	66	62	57	52
-38.75°	77	74	71	68	64	61	58	54	50	46	41
-40°	61	60	58	55	53	50	46	43	40	37	35
-41.25°	49	47	45	43	40	39	37	35	33	31	28
-42.5°	38	37	36	35	34	32	30	29	27	25	24
-43.75°	31	30	29	28	27	26	25	24	22	21	20
-45°	25	25	24	23	22	22	21	20	18	17	16
-46.25°	21	20	20	19	18	17	17	16	16	15	14
-47.5°	17	17	16	16	15	15	14	14	13	12	12
-48.75°	14	14	13	13	13	12	12	11	11	11	10
-50°	12	11	11	11	11	11	10	10	9	9	9
-51.25°	10	10	10	9	9	9	9	8	8	8	7
-52.5°	8	8	8	8	8	7	7	7	6	6	6
-53.75°	7	7	6	6	6	6	6	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	0	0
70°	2	2	2	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	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°	3	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	3	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	3	3	3	3
53.75°	5	5	5	5	4	4	4	4	4	3	3
52.5°	5	5	5	5	5	5	4	4	4	4	4
51.25°	7	6	6	5	5	5	5	5	5	4	4
50°	8	8	7	7	6	6	5	5	5	5	5
48.75°	10	9	9	8	8	7	7	6	5	5	5
47.5°	11	11	10	10	9	8	8	7	7	6	5
46.25°	13	12	12	11	10	10	9	8	8	7	6
45°	16	15	14	13	12	11	10	10	9	8	8
43.75°	18	17	16	15	14	13	12	11	10	10	9
42.5°	22	21	19	17	16	15	14	13	12	11	10
41.25°	26	24	23	21	19	17	16	15	13	12	11
40°	32	29	26	25	23	21	19	17	15	14	13
38.75°	38	35	32	29	26	24	22	20	17	16	14
37.5°	47	42	38	35	32	28	25	23	21	18	16
36.25°	58	53	47	41	37	34	30	26	24	21	19
35°	70	63	57	51	45	39	35	31	27	24	22



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	85	77	68	61	54	48	41	36	32	28	25
32.5°	99	91	82	73	64	57	50	42	37	33	28
31.25°	120	107	96	86	77	66	59	51	43	37	33
30°	140	127	113	100	89	79	68	59	51	43	37
28.75°	165	147	132	118	103	91	80	69	59	51	42
27.5°	195	174	152	136	121	105	92	80	68	59	50
26.25°	224	202	179	156	138	122	105	91	79	66	57
25°	265	232	207	182	157	138	121	103	89	77	64
23.75°	305	271	236	208	182	156	136	118	100	86	73
22.5°	347	310	274	236	207	179	152	132	113	96	82
21.25°	395	350	310	271	232	202	174	147	127	107	91
20°	446	395	347	305	265	224	195	165	140	120	99
18.75°	502	443	388	338	296	253	215	184	153	132	110
17.5°	559	494	432	376	326	282	238	203	171	143	121
16.25°	618	546	478	415	359	310	264	221	188	156	132
15°	677	598	525	455	392	336	289	242	204	171	142
13.75°	737	651	570	496	427	365	312	264	219	185	151
12.5°	797	704	616	536	461	393	334	285	236	198	164
11.25°	854	754	660	573	494	422	358	304	254	210	175
10°	908	802	703	610	526	448	380	321	270	221	186
8.75°	959	847	742	644	555	474	401	337	285	233	195
7.5°	1006	888	778	675	581	497	420	353	298	246	203
6.25°	1046	924	809	703	605	517	437	367	309	256	210
5°	1081	955	836	726	625	534	451	379	318	265	216
3.75°	1108	979	857	744	641	548	463	388	325	271	220
2.5°	1128	997	873	758	652	557	472	395	330	276	223
1.25°	1140	1008	883	767	659	563	477	400	333	279	225
0°	1144	1012	886	769	662	565	479	401	334	280	226
-1.25°	1140	1008	883	767	659	563	477	400	333	279	225
-2.5°	1128	997	873	758	652	557	472	395	330	276	223
-3.75°	1108	979	857	744	641	548	463	388	325	271	220
-5°	1081	955	836	726	625	534	451	379	318	265	216
-6.25°	1046	924	809	703	605	517	437	367	309	256	210
-7.5°	1006	888	778	675	581	497	420	353	298	246	203
-8.75°	959	847	742	644	555	474	401	337	285	233	195
-10°	908	802	703	610	526	448	380	321	270	221	186
-11.25°	854	754	660	573	494	422	358	304	254	210	175
-12.5°	797	704	616	536	461	393	334	285	236	198	164
-13.75°	737	651	570	496	427	365	312	264	219	185	151
-15°	677	598	525	455	392	336	289	242	204	171	142
-16.25°	618	546	478	415	359	310	264	221	188	156	132
-17.5°	559	494	432	376	326	282	238	203	171	143	121
-18.75°	502	443	388	338	296	253	215	184	153	132	110
-20°	446	395	347	305	265	224	195	165	140	120	99
-21.25°	395	350	310	271	232	202	174	147	127	107	91





REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	347	310	274	236	207	179	152	132	113	96	82
-23.75°	305	271	236	208	182	156	136	118	100	86	73
-25°	265	232	207	182	157	138	121	103	89	77	64
-26.25°	224	202	179	156	138	122	105	91	79	66	57
-27.5°	195	174	152	136	121	105	92	80	68	59	50
-28.75°	165	147	132	118	103	91	80	69	59	51	42
-30°	140	127	113	100	89	79	68	59	51	43	37
-31.25°	120	107	96	86	77	66	59	51	43	37	33
-32.5°	99	91	82	73	64	57	50	42	37	33	28
-33.75°	85	77	68	61	54	48	41	36	32	28	25
-35°	70	63	57	51	45	39	35	31	27	24	22
-36.25°	58	53	47	41	37	34	30	26	24	21	19
-37.5°	47	42	38	35	32	28	25	23	21	18	16
-38.75°	38	35	32	29	26	24	22	20	17	16	14
-40°	32	29	26	25	23	21	19	17	15	14	13
-41.25°	26	24	23	21	19	17	16	15	13	12	11
-42.5°	22	21	19	17	16	15	14	13	12	11	10
-43.75°	18	17	16	15	14	13	12	11	10	10	9
-45°	16	15	14	13	12	11	10	10	9	8	8
-46.25°	13	12	12	11	10	10	9	8	8	7	6
-47.5°	11	11	10	10	9	8	8	7	7	6	5
-48.75°	10	9	9	8	8	7	7	6	5	5	5
-50°	8	8	7	7	6	6	5	5	5	5	5
-51.25°	7	6	6	5	5	5	5	5	5	4	4
-52.5°	5	5	5	5	5	5	4	4	4	4	4
-53.75°	5	5	5	5	4	4	4	4	4	3	3
-55°	4	4	4	4	4	4	4	3	3	3	3
-56.25°	4	4	4	4	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	2	2	2
-61.25°	3	3	3	3	3	2	2	2	2	2	2
-62.5°	3	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	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°	2	2	2	2	2	2	2	2	1	1	1
-70°	2	2	2	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	0	0
-72.5°	1	1	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	0	0	0	0	0	0
67.5°	2	1	1	1	1	1	1	1	0	0	0
66.25°	2	2	2	2	1	1	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	2	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	3	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	2	2
51.25°	4	4	3	3	3	3	3	3	3	3	2
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	5	4	4	4	4	3	3	3	3	3	3
47.5°	5	5	5	4	4	4	4	3	3	3	3
46.25°	6	5	5	5	4	4	4	4	3	3	3
45°	7	6	5	5	5	5	4	4	4	3	3
43.75°	8	7	6	5	5	5	5	4	4	4	3
42.5°	9	8	7	7	6	5	5	5	4	4	4
41.25°	10	9	8	8	7	6	5	5	5	4	4
40°	11	11	10	9	8	7	6	5	5	5	4
38.75°	13	12	11	10	9	8	7	6	5	5	4
37.5°	15	13	12	11	10	9	8	7	5	5	5
36.25°	17	15	13	12	11	10	8	7	6	5	5
35°	19	17	15	13	12	11	9	8	7	6	5



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	22	19	17	15	13	11	10	9	8	7	6
32.5°	25	22	19	16	14	13	11	10	9	8	6
31.25°	28	24	21	18	16	14	12	11	10	8	7
30°	32	27	24	21	17	15	13	12	10	9	8
28.75°	36	31	26	23	20	17	15	13	11	10	8
27.5°	41	35	30	25	22	19	16	14	12	10	9
26.25°	48	39	34	28	24	21	17	15	13	11	10
25°	54	45	37	32	26	23	19	16	14	12	10
23.75°	61	51	41	35	29	25	21	17	15	13	11
22.5°	68	57	47	38	32	26	23	19	16	14	12
21.25°	77	63	53	42	35	29	24	21	17	15	12
20°	85	70	58	47	38	32	26	22	18	16	13
18.75°	93	78	63	52	41	35	28	24	20	16	14
17.5°	100	85	69	57	46	37	31	25	21	17	15
16.25°	110	91	76	62	50	40	33	27	22	18	16
15°	119	98	82	66	54	43	35	29	24	20	16
13.75°	128	105	87	71	58	46	37	30	25	21	17
12.5°	136	113	93	76	61	50	39	32	26	22	17
11.25°	143	120	97	81	64	53	40	34	27	22	18
10°	150	126	102	85	68	55	43	35	28	23	19
8.75°	159	132	107	88	71	58	45	36	29	24	20
7.5°	166	137	112	92	74	60	47	37	30	25	20
6.25°	173	141	116	94	77	61	49	38	31	25	21
5°	179	144	120	96	79	63	50	39	32	25	21
3.75°	183	147	122	98	81	64	52	40	33	26	21
2.5°	186	149	124	99	82	65	52	40	33	26	22
1.25°	188	150	125	100	83	65	53	40	33	26	22
0°	188	151	126	100	83	66	53	40	33	26	22
-1.25°	188	150	125	100	83	65	53	40	33	26	22
-2.5°	186	149	124	99	82	65	52	40	33	26	22
-3.75°	183	147	122	98	81	64	52	40	33	26	21
-5°	179	144	120	96	79	63	50	39	32	25	21
-6.25°	173	141	116	94	77	61	49	38	31	25	21
-7.5°	166	137	112	92	74	60	47	37	30	25	20
-8.75°	159	132	107	88	71	58	45	36	29	24	20
-10°	150	126	102	85	68	55	43	35	28	23	19
-11.25°	143	120	97	81	64	53	40	34	27	22	18
-12.5°	136	113	93	76	61	50	39	32	26	22	17
-13.75°	128	105	87	71	58	46	37	30	25	21	17
-15°	119	98	82	66	54	43	35	29	24	20	16
-16.25°	110	91	76	62	50	40	33	27	22	18	16
-17.5°	100	85	69	57	46	37	31	25	21	17	15
-18.75°	93	78	63	52	41	35	28	24	20	16	14
-20°	85	70	58	47	38	32	26	22	18	16	13
-21.25°	77	63	53	42	35	29	24	21	17	15	12



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	68	57	47	38	32	26	23	19	16	14	12
-23.75°	61	51	41	35	29	25	21	17	15	13	11
-25°	54	45	37	32	26	23	19	16	14	12	10
-26.25°	48	39	34	28	24	21	17	15	13	11	10
-27.5°	41	35	30	25	22	19	16	14	12	10	9
-28.75°	36	31	26	23	20	17	15	13	11	10	8
-30°	32	27	24	21	17	15	13	12	10	9	8
-31.25°	28	24	21	18	16	14	12	11	10	8	7
-32.5°	25	22	19	16	14	13	11	10	9	8	6
-33.75°	22	19	17	15	13	11	10	9	8	7	6
-35°	19	17	15	13	12	11	9	8	7	6	5
-36.25°	17	15	13	12	11	10	8	7	6	5	5
-37.5°	15	13	12	11	10	9	8	7	5	5	5
-38.75°	13	12	11	10	9	8	7	6	5	5	4
-40°	11	11	10	9	8	7	6	5	5	5	4
-41.25°	10	9	8	8	7	6	5	5	5	4	4
-42.5°	9	8	7	7	6	5	5	5	4	4	4
-43.75°	8	7	6	5	5	5	5	4	4	4	3
-45°	7	6	5	5	5	5	4	4	4	3	3
-46.25°	6	5	5	5	4	4	4	4	3	3	3
-47.5°	5	5	5	4	4	4	4	3	3	3	3
-48.75°	5	4	4	4	4	3	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	3	2
-52.5°	3	3	3	3	3	3	3	3	3	2	2
-53.75°	3	3	3	3	3	3	3	3	2	2	2
-55°	3	3	3	3	3	3	2	2	2	2	2
-56.25°	3	3	3	3	2	2	2	2	2	2	2
-57.5°	3	3	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	1	1
-65°	2	2	2	2	2	2	2	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	1	1	1	1	1	1	1	0	0	0
-68.75°	1	1	1	1	1	0	0	0	0	0	0
-70°	1	1	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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	1	0	0	0	0	0	0	0	0	0
63.75°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	2	2	1	1	1	1	0	0	0	0	0
60°	2	2	2	1	1	1	1	0	0	0	0
58.75°	2	2	2	2	2	1	1	1	1	0	0
57.5°	2	2	2	2	2	2	1	1	1	1	0
56.25°	2	2	2	2	2	2	2	1	1	1	0
55°	2	2	2	2	2	2	2	2	1	1	1
53.75°	2	2	2	2	2	2	2	2	2	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	1
50°	3	2	2	2	2	2	2	2	2	2	2
48.75°	3	3	2	2	2	2	2	2	2	2	2
47.5°	3	3	3	2	2	2	2	2	2	2	2
46.25°	3	3	3	2	2	2	2	2	2	2	2
45°	3	3	3	3	2	2	2	2	2	2	2
43.75°	3	3	3	3	3	2	2	2	2	2	2
42.5°	3	3	3	3	3	3	2	2	2	2	2
41.25°	4	3	3	3	3	3	2	2	2	2	2
40°	4	3	3	3	3	3	3	2	2	2	2
38.75°	4	4	3	3	3	3	3	2	2	2	2
37.5°	4	4	4	3	3	3	3	3	2	2	2
36.25°	5	4	4	3	3	3	3	3	2	2	2
35°	5	4	4	4	3	3	3	3	3	2	2



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	5	5	4	4	3	3	3	3	3	2	2
32.5°	5	5	5	4	4	3	3	3	3	3	2
31.25°	6	5	5	4	4	3	3	3	3	3	2
30°	7	5	5	5	4	4	3	3	3	3	2
28.75°	7	6	5	5	4	4	3	3	3	3	3
27.5°	8	7	5	5	4	4	4	3	3	3	3
26.25°	8	7	6	5	5	4	4	3	3	3	3
25°	9	8	6	5	5	4	4	3	3	3	3
23.75°	10	8	7	5	5	5	4	4	3	3	3
22.5°	10	9	7	6	5	5	4	4	3	3	3
21.25°	11	9	8	6	5	5	4	4	3	3	3
20°	11	10	8	7	5	5	4	4	3	3	3
18.75°	12	10	9	7	6	5	5	4	4	3	3
17.5°	12	11	9	8	6	5	5	4	4	3	3
16.25°	13	11	9	8	6	5	5	4	4	3	3
15°	14	11	10	8	7	5	5	4	4	3	3
13.75°	14	12	10	9	7	6	5	4	4	3	3
12.5°	15	12	11	9	7	6	5	5	4	3	3
11.25°	15	13	11	9	8	6	5	5	4	4	3
10°	16	13	11	9	8	6	5	5	4	4	3
8.75°	16	13	11	10	8	6	5	5	4	4	3
7.5°	17	14	11	10	8	7	5	5	4	4	3
6.25°	17	14	12	10	8	7	5	5	4	4	3
5°	17	14	12	10	8	7	5	5	4	4	3
3.75°	17	15	12	10	9	7	5	5	4	4	3
2.5°	17	15	12	10	9	7	5	5	4	4	3
1.25°	17	15	12	10	9	7	5	5	4	4	3
0°	18	15	12	10	9	7	6	5	4	4	3
-1.25°	17	15	12	10	9	7	5	5	4	4	3
-2.5°	17	15	12	10	9	7	5	5	4	4	3
-3.75°	17	15	12	10	9	7	5	5	4	4	3
-5°	17	14	12	10	8	7	5	5	4	4	3
-6.25°	17	14	12	10	8	7	5	5	4	4	3
-7.5°	17	14	11	10	8	7	5	5	4	4	3
-8.75°	16	13	11	10	8	6	5	5	4	4	3
-10°	16	13	11	9	8	6	5	5	4	4	3
-11.25°	15	13	11	9	8	6	5	5	4	4	3
-12.5°	15	12	11	9	7	6	5	5	4	3	3
-13.75°	14	12	10	9	7	6	5	4	4	3	3
-15°	14	11	10	8	7	5	5	4	4	3	3
-16.25°	13	11	9	8	6	5	5	4	4	3	3
-17.5°	12	11	9	8	6	5	5	4	4	3	3
-18.75°	12	10	9	7	6	5	5	4	4	3	3
-20°	11	10	8	7	5	5	4	4	3	3	3
-21.25°	11	9	8	6	5	5	4	4	3	3	3





REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	10	9	7	6	5	5	4	4	3	3	3
-23.75°	10	8	7	5	5	5	4	4	3	3	3
-25°	9	8	6	5	5	4	4	3	3	3	3
-26.25°	8	7	6	5	5	4	4	3	3	3	3
-27.5°	8	7	5	5	4	4	4	3	3	3	3
-28.75°	7	6	5	5	4	4	3	3	3	3	3
-30°	7	5	5	5	4	4	3	3	3	3	2
-31.25°	6	5	5	4	4	3	3	3	3	3	2
-32.5°	5	5	5	4	4	3	3	3	3	3	2
-33.75°	5	5	4	4	3	3	3	3	3	2	2
-35°	5	4	4	4	3	3	3	3	3	2	2
-36.25°	5	4	4	3	3	3	3	3	2	2	2
-37.5°	4	4	4	3	3	3	3	3	2	2	2
-38.75°	4	4	3	3	3	3	3	2	2	2	2
-40°	4	3	3	3	3	3	3	2	2	2	2
-41.25°	4	3	3	3	3	3	2	2	2	2	2
-42.5°	3	3	3	3	3	3	2	2	2	2	2
-43.75°	3	3	3	3	3	2	2	2	2	2	2
-45°	3	3	3	3	2	2	2	2	2	2	2
-46.25°	3	3	3	2	2	2	2	2	2	2	2
-47.5°	3	3	3	2	2	2	2	2	2	2	2
-48.75°	3	3	2	2	2	2	2	2	2	2	2
-50°	3	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	1
-52.5°	2	2	2	2	2	2	2	2	2	2	1
-53.75°	2	2	2	2	2	2	2	2	2	1	1
-55°	2	2	2	2	2	2	2	2	1	1	1
-56.25°	2	2	2	2	2	2	2	1	1	1	0
-57.5°	2	2	2	2	2	2	1	1	1	1	0
-58.75°	2	2	2	2	2	1	1	1	1	0	0
-60°	2	2	2	1	1	1	1	0	0	0	0
-61.25°	2	2	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	1	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	1	0	0	0	0	0	0	0	0	0	0
52.5°	1	1	0	0	0	0	0	0	0	0	0
51.25°	1	1	0	0	0	0	0	0	0	0	0
50°	1	1	1	0	0	0	0	0	0	0	0
48.75°	2	1	1	1	0	0	0	0	0	0	0
47.5°	2	1	1	1	0	0	0	0	0	0	0
46.25°	2	2	1	1	1	0	0	0	0	0	0
45°	2	2	1	1	1	0	0	0	0	0	0
43.75°	2	2	2	1	1	0	0	0	0	0	0
42.5°	2	2	2	1	1	1	0	0	0	0	0
41.25°	2	2	2	2	1	1	0	0	0	0	0
40°	2	2	2	2	1	1	0	0	0	0	0
38.75°	2	2	2	2	1	1	1	0	0	0	0
37.5°	2	2	2	2	2	1	1	0	0	0	0
36.25°	2	2	2	2	2	1	1	0	0	0	0
35°	2	2	2	2	2	1	1	1	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	2	2	2	2	2	2	1	1	0	0	0
32.5°	2	2	2	2	2	2	1	1	0	0	0
31.25°	2	2	2	2	2	2	1	1	0	0	0
30°	2	2	2	2	2	2	1	1	1	0	0
28.75°	2	2	2	2	2	2	2	1	1	0	0
27.5°	2	2	2	2	2	2	2	1	1	0	0
26.25°	2	2	2	2	2	2	2	1	1	0	0
25°	3	2	2	2	2	2	2	1	1	0	0
23.75°	3	2	2	2	2	2	2	1	1	0	0
22.5°	3	2	2	2	2	2	2	2	1	0	0
21.25°	3	2	2	2	2	2	2	2	1	1	0
20°	3	3	2	2	2	2	2	2	1	1	0
18.75°	3	3	2	2	2	2	2	2	1	1	0
17.5°	3	3	2	2	2	2	2	2	1	1	0
16.25°	3	3	2	2	2	2	2	2	1	1	0
15°	3	3	2	2	2	2	2	2	1	1	0
13.75°	3	3	2	2	2	2	2	2	1	1	0
12.5°	3	3	2	2	2	2	2	2	1	1	0
11.25°	3	3	3	2	2	2	2	2	1	1	0
10°	3	3	3	2	2	2	2	2	2	1	0
8.75°	3	3	3	2	2	2	2	2	2	1	0
7.5°	3	3	3	2	2	2	2	2	2	1	0
6.25°	3	3	3	2	2	2	2	2	2	1	1
5°	3	3	3	2	2	2	2	2	2	1	1
3.75°	3	3	3	2	2	2	2	2	2	1	1
2.5°	3	3	3	2	2	2	2	2	2	1	1
1.25°	3	3	3	2	2	2	2	2	2	1	1
0°	3	3	3	2	2	2	2	2	2	1	1
-1.25°	3	3	3	2	2	2	2	2	2	1	1
-2.5°	3	3	3	2	2	2	2	2	2	1	1
-3.75°	3	3	3	2	2	2	2	2	2	1	1
-5°	3	3	3	2	2	2	2	2	2	1	1
-6.25°	3	3	3	2	2	2	2	2	2	1	1
-7.5°	3	3	3	2	2	2	2	2	2	1	0
-8.75°	3	3	3	2	2	2	2	2	2	1	0
-10°	3	3	3	2	2	2	2	2	2	1	0
-11.25°	3	3	3	2	2	2	2	2	1	1	0
-12.5°	3	3	2	2	2	2	2	2	1	1	0
-13.75°	3	3	2	2	2	2	2	2	1	1	0
-15°	3	3	2	2	2	2	2	2	1	1	0
-16.25°	3	3	2	2	2	2	2	2	1	1	0
-17.5°	3	3	2	2	2	2	2	2	1	1	0
-18.75°	3	3	2	2	2	2	2	2	1	1	0
-20°	3	3	2	2	2	2	2	2	1	1	0
-21.25°	3	2	2	2	2	2	2	2	1	1	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	3	2	2	2	2	2	2	2	1	0	0
-23.75°	3	2	2	2	2	2	2	1	1	0	0
-25°	3	2	2	2	2	2	2	1	1	0	0
-26.25°	2	2	2	2	2	2	2	1	1	0	0
-27.5°	2	2	2	2	2	2	2	1	1	0	0
-28.75°	2	2	2	2	2	2	2	1	1	0	0
-30°	2	2	2	2	2	2	1	1	1	0	0
-31.25°	2	2	2	2	2	2	1	1	0	0	0
-32.5°	2	2	2	2	2	2	1	1	0	0	0
-33.75°	2	2	2	2	2	2	1	1	0	0	0
-35°	2	2	2	2	2	1	1	1	0	0	0
-36.25°	2	2	2	2	2	1	1	0	0	0	0
-37.5°	2	2	2	2	2	1	1	0	0	0	0
-38.75°	2	2	2	2	1	1	1	0	0	0	0
-40°	2	2	2	2	1	1	0	0	0	0	0
-41.25°	2	2	2	2	1	1	0	0	0	0	0
-42.5°	2	2	2	1	1	1	0	0	0	0	0
-43.75°	2	2	2	1	1	0	0	0	0	0	0
-45°	2	2	1	1	1	0	0	0	0	0	0
-46.25°	2	2	1	1	1	0	0	0	0	0	0
-47.5°	2	1	1	1	0	0	0	0	0	0	0
-48.75°	2	1	1	1	0	0	0	0	0	0	0
-50°	1	1	1	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	1	0	0	0	0	0	0	0	0	0
-53.75°	1	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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: P220420 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-F-BK-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)