

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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED5080-S-BK-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29476)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT  
OPTIC, BLACK HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

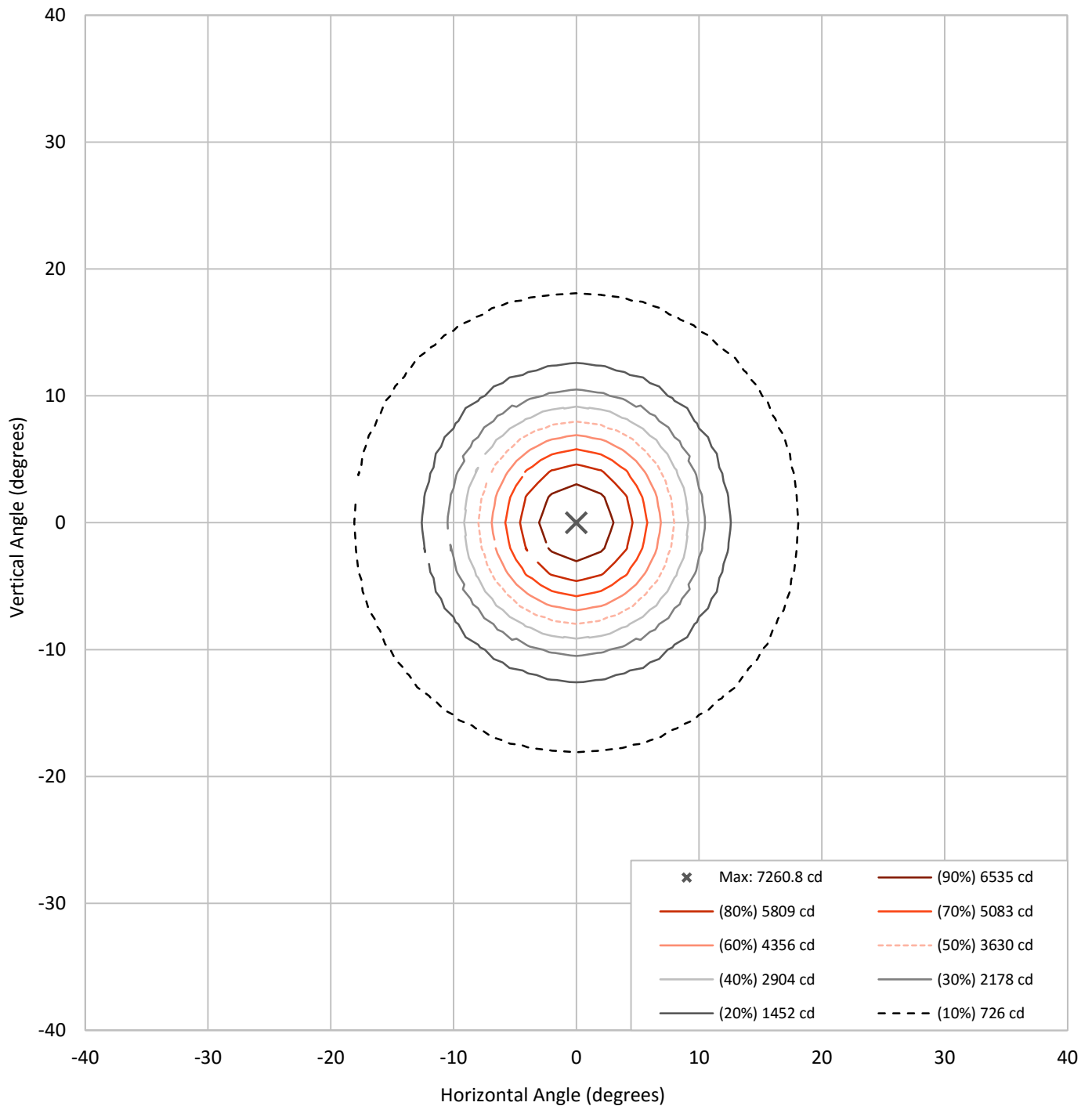
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	956.2 lumens	Max Intensity:	7260.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	16°H x 16°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	312.2 lumens	Field Lumens:	673.2 lumens
Beam Efficiency:	32.7%	Field Efficiency:	70.4%
Input Watts (W):	9.8		
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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### Iso-Candela Plot





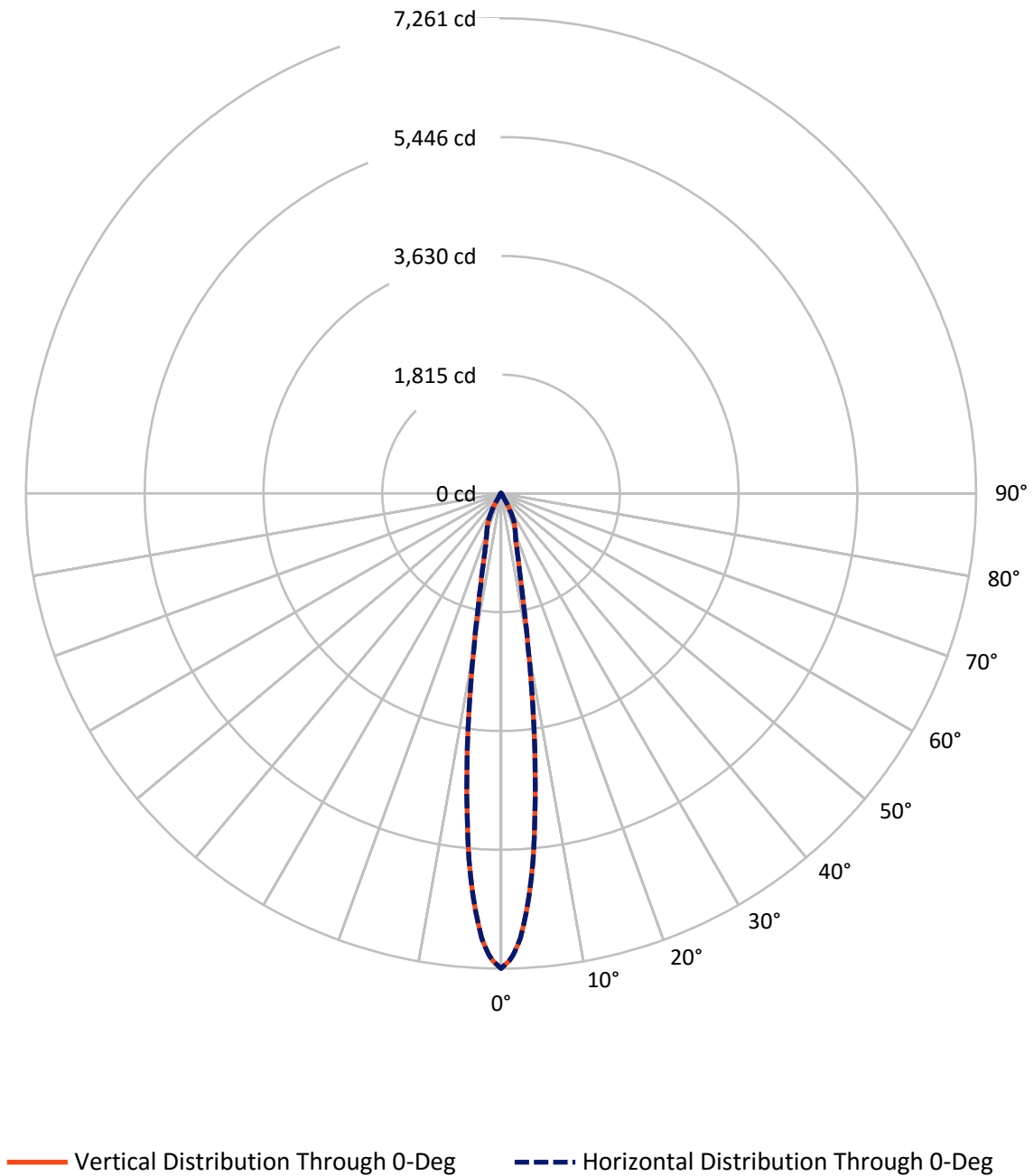
REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										
70	0.0	0.0	0.0	0.0	0.1	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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0					
50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0				
40		0.0	0.0	0.1	0.1	0.2	0.6	1.2	1.2	0.6	0.2	0.1	0.1	0.0					
30	0.0	0.0	0.0	0.1	0.2	1.3	7.0	12.3	12.3	7.0	1.3	0.2	0.1	0.0	0.0				
20		0.0	0.1	0.1	0.5	6.6	17.7	30.0	30.0	17.7	6.6	0.5	0.1	0.1					
10	0.0	0.0	0.1	0.1	1.0	11.2	29.2	117.7	117.7	29.2	11.2	1.0	0.1	0.1	0.0				
0		0.0	0.1	0.1	1.0	11.2	29.2	117.7	117.7	29.2	11.2	1.0	0.1	0.1					
-10	0.0	0.0	0.1	0.1	0.5	6.6	17.7	30.0	30.0	17.7	6.6	0.5	0.1	0.1	0.0				
-20		0.0	0.0	0.1	0.2	1.3	7.0	12.3	12.3	7.0	1.3	0.2	0.1	0.0					
-30	0.0	0.0	0.0	0.1	0.1	0.2	0.6	1.2	1.2	0.6	0.2	0.1	0.1	0.0	0.0				
-40		0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0					
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
-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					
-70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
-80		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0					
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

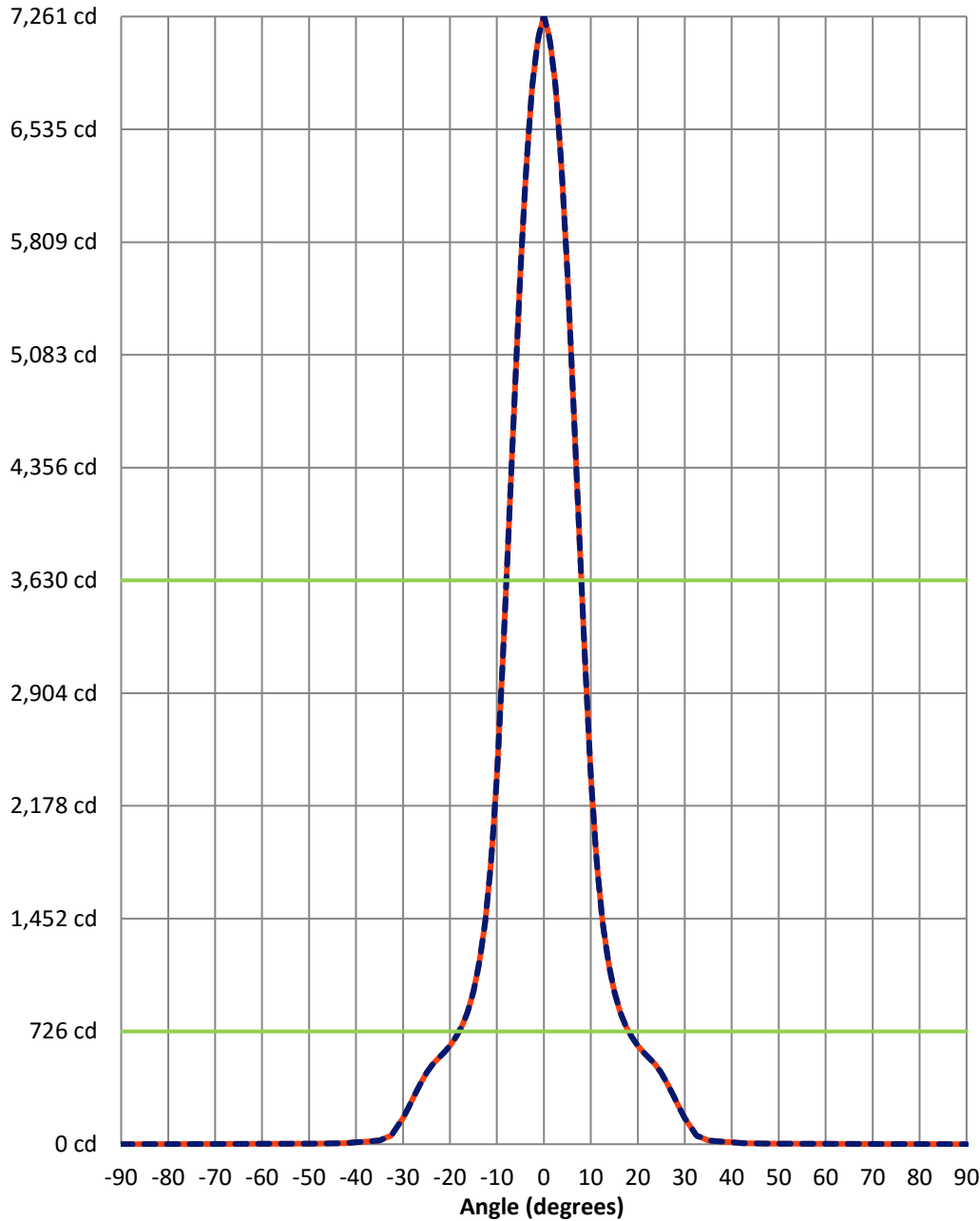
REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L1-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 16°  
 V Angle: 16°  
 Lumens: 312.2  
 Efficiency: 32.7%

**Field:**  
 H Angle: 36.1°  
 V Angle: 36.1°  
 Lumens: 673.2  
 Efficiency: 70.4%

**Spill:**  
 Lumens: 283  
 Efficiency: 29.6%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	1	1	1	1	1	1
32.5°	0	0	0	0	0	1	1	1	1	1	1
31.25°	0	0	0	0	0	1	1	1	1	1	1
30°	0	0	0	0	0	1	1	1	1	1	1
28.75°	0	0	0	0	0	1	1	1	1	1	1
27.5°	0	0	0	0	0	1	1	1	1	1	1
26.25°	0	0	0	0	0	1	1	1	1	1	1
25°	0	0	0	0	0	1	1	1	1	1	1
23.75°	0	0	0	0	0	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1





REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	1	1	1	1	1	1	1
-23.75°	0	0	0	0	0	1	1	1	1	1	1
-25°	0	0	0	0	0	1	1	1	1	1	1
-26.25°	0	0	0	0	0	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-28.75°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	1	1	1	1	1	1
-33.75°	0	0	0	0	0	1	1	1	1	1	1
-35°	0	0	0	0	0	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	0	1	1	1	1	1
-45°	0	0	0	0	0	0	1	1	1	1	1
-46.25°	0	0	0	0	0	0	1	1	1	1	1
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-48.75°	0	0	0	0	0	0	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	1	1	1	1
-56.25°	0	0	0	0	0	0	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	0	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-61.25°	0	0	0	0	0	0	0	0	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	1	1
-65°	0	0	0	0	0	0	0	0	0	1	1
-66.25°	0	0	0	0	0	0	0	0	0	0	1
-67.5°	0	0	0	0	0	0	0	0	0	0	1
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	1	1
77.5°	0	0	0	0	0	0	0	1	1	1	1
76.25°	0	0	0	0	0	1	1	1	1	1	1
75°	0	0	0	0	1	1	1	1	1	1	1
73.75°	0	0	0	1	1	1	1	1	1	1	1
72.5°	0	0	1	1	1	1	1	1	1	1	1
71.25°	0	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	2
40°	1	1	1	1	1	1	1	1	1	1	2
38.75°	1	1	1	1	1	1	1	1	1	2	2
37.5°	1	1	1	1	1	1	1	1	1	2	2
36.25°	1	1	1	1	1	1	1	1	1	2	2
35°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	1	1	2	2	2
32.5°	1	1	1	1	1	1	1	1	2	2	2
31.25°	1	1	1	1	1	1	1	1	2	2	2
30°	1	1	1	1	1	1	1	2	2	2	2
28.75°	1	1	1	1	1	1	1	2	2	2	2
27.5°	1	1	1	1	1	1	1	2	2	2	2
26.25°	1	1	1	1	1	1	1	2	2	2	2
25°	1	1	1	1	1	1	2	2	2	2	2
23.75°	1	1	1	1	1	1	2	2	2	2	2
22.5°	1	1	1	1	1	1	2	2	2	2	2
21.25°	1	1	1	1	1	1	2	2	2	2	2
20°	1	1	1	1	1	1	2	2	2	2	2
18.75°	1	1	1	1	1	1	2	2	2	2	2
17.5°	1	1	1	1	1	1	2	2	2	2	2
16.25°	1	1	1	1	1	2	2	2	2	2	2
15°	1	1	1	1	1	2	2	2	2	2	2
13.75°	1	1	1	1	1	2	2	2	2	2	2
12.5°	1	1	1	1	1	2	2	2	2	2	2
11.25°	1	1	1	1	1	2	2	2	2	2	2
10°	1	1	1	1	1	2	2	2	2	2	2
8.75°	1	1	1	1	1	2	2	2	2	2	2
7.5°	1	1	1	1	1	2	2	2	2	2	2
6.25°	1	1	1	1	1	2	2	2	2	2	2
5°	1	1	1	1	1	2	2	2	2	2	2
3.75°	1	1	1	1	1	2	2	2	2	2	2
2.5°	1	1	1	1	1	2	2	2	2	2	2
1.25°	1	1	1	1	1	2	2	2	2	2	2
0°	1	1	1	1	1	2	2	2	2	2	2
-1.25°	1	1	1	1	1	2	2	2	2	2	2
-2.5°	1	1	1	1	1	2	2	2	2	2	2
-3.75°	1	1	1	1	1	2	2	2	2	2	2
-5°	1	1	1	1	1	2	2	2	2	2	2
-6.25°	1	1	1	1	1	2	2	2	2	2	2
-7.5°	1	1	1	1	1	2	2	2	2	2	2
-8.75°	1	1	1	1	1	2	2	2	2	2	2
-10°	1	1	1	1	1	2	2	2	2	2	2
-11.25°	1	1	1	1	1	2	2	2	2	2	2
-12.5°	1	1	1	1	1	2	2	2	2	2	2
-13.75°	1	1	1	1	1	2	2	2	2	2	2
-15°	1	1	1	1	1	2	2	2	2	2	2
-16.25°	1	1	1	1	1	2	2	2	2	2	2
-17.5°	1	1	1	1	1	1	2	2	2	2	2
-18.75°	1	1	1	1	1	1	2	2	2	2	2
-20°	1	1	1	1	1	1	2	2	2	2	2
-21.25°	1	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	2	2	2	2	2
-23.75°	1	1	1	1	1	1	2	2	2	2	2
-25°	1	1	1	1	1	1	2	2	2	2	2
-26.25°	1	1	1	1	1	1	1	2	2	2	2
-27.5°	1	1	1	1	1	1	1	2	2	2	2
-28.75°	1	1	1	1	1	1	1	2	2	2	2
-30°	1	1	1	1	1	1	1	2	2	2	2
-31.25°	1	1	1	1	1	1	1	1	2	2	2
-32.5°	1	1	1	1	1	1	1	1	2	2	2
-33.75°	1	1	1	1	1	1	1	1	2	2	2
-35°	1	1	1	1	1	1	1	1	2	2	2
-36.25°	1	1	1	1	1	1	1	1	1	2	2
-37.5°	1	1	1	1	1	1	1	1	1	2	2
-38.75°	1	1	1	1	1	1	1	1	1	2	2
-40°	1	1	1	1	1	1	1	1	1	1	2
-41.25°	1	1	1	1	1	1	1	1	1	1	2
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	1	1	1	1	1	1	1	1
-75°	0	0	0	0	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	1	1
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	1	1
81.25°	0	0	0	0	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
53.75°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	1	1	2	2	2	2	2	2
51.25°	1	1	1	1	2	2	2	2	2	2	2
50°	1	1	1	2	2	2	2	2	2	2	2
48.75°	1	1	2	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	2	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	3
40°	2	2	2	2	2	2	2	2	2	3	3
38.75°	2	2	2	2	2	2	2	2	2	3	3
37.5°	2	2	2	2	2	2	2	2	3	3	3
36.25°	2	2	2	2	2	2	2	2	3	3	3
35°	2	2	2	2	2	2	2	3	3	3	3



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	2	2	2	3	3	3	3
32.5°	2	2	2	2	2	2	3	3	3	3	3
31.25°	2	2	2	2	2	2	3	3	3	3	3
30°	2	2	2	2	2	3	3	3	3	3	3
28.75°	2	2	2	2	2	3	3	3	3	3	3
27.5°	2	2	2	2	2	3	3	3	3	3	3
26.25°	2	2	2	2	3	3	3	3	3	3	3
25°	2	2	2	2	3	3	3	3	3	3	3
23.75°	2	2	2	2	3	3	3	3	3	3	3
22.5°	2	2	2	3	3	3	3	3	3	3	3
21.25°	2	2	2	3	3	3	3	3	3	3	3
20°	2	2	2	3	3	3	3	3	3	3	3
18.75°	2	2	2	3	3	3	3	3	3	3	3
17.5°	2	2	2	3	3	3	3	3	3	3	3
16.25°	2	2	3	3	3	3	3	3	3	3	3
15°	2	2	3	3	3	3	3	3	3	3	3
13.75°	2	2	3	3	3	3	3	3	3	3	3
12.5°	2	2	3	3	3	3	3	3	3	3	3
11.25°	2	2	3	3	3	3	3	3	3	3	3
10°	2	2	3	3	3	3	3	3	3	3	3
8.75°	2	2	3	3	3	3	3	3	3	3	3
7.5°	2	2	3	3	3	3	3	3	3	3	3
6.25°	2	3	3	3	3	3	3	3	3	3	3
5°	2	3	3	3	3	3	3	3	3	3	3
3.75°	2	3	3	3	3	3	3	3	3	3	3
2.5°	2	3	3	3	3	3	3	3	3	3	3
1.25°	2	3	3	3	3	3	3	3	3	3	3
0°	2	3	3	3	3	3	3	3	3	3	3
-1.25°	2	3	3	3	3	3	3	3	3	3	3
-2.5°	2	3	3	3	3	3	3	3	3	3	3
-3.75°	2	3	3	3	3	3	3	3	3	3	3
-5°	2	3	3	3	3	3	3	3	3	3	3
-6.25°	2	3	3	3	3	3	3	3	3	3	3
-7.5°	2	2	3	3	3	3	3	3	3	3	3
-8.75°	2	2	3	3	3	3	3	3	3	3	3
-10°	2	2	3	3	3	3	3	3	3	3	3
-11.25°	2	2	3	3	3	3	3	3	3	3	3
-12.5°	2	2	3	3	3	3	3	3	3	3	3
-13.75°	2	2	3	3	3	3	3	3	3	3	3
-15°	2	2	3	3	3	3	3	3	3	3	3
-16.25°	2	2	3	3	3	3	3	3	3	3	3
-17.5°	2	2	2	3	3	3	3	3	3	3	3
-18.75°	2	2	2	3	3	3	3	3	3	3	3
-20°	2	2	2	3	3	3	3	3	3	3	3
-21.25°	2	2	2	3	3	3	3	3	3	3	3





REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	2	2	3	3	3	3	3	3	3	3
-23.75°	2	2	2	2	3	3	3	3	3	3	3
-25°	2	2	2	2	3	3	3	3	3	3	3
-26.25°	2	2	2	2	3	3	3	3	3	3	3
-27.5°	2	2	2	2	2	3	3	3	3	3	3
-28.75°	2	2	2	2	2	3	3	3	3	3	3
-30°	2	2	2	2	2	3	3	3	3	3	3
-31.25°	2	2	2	2	2	2	3	3	3	3	3
-32.5°	2	2	2	2	2	2	3	3	3	3	3
-33.75°	2	2	2	2	2	2	2	3	3	3	3
-35°	2	2	2	2	2	2	2	3	3	3	3
-36.25°	2	2	2	2	2	2	2	2	3	3	3
-37.5°	2	2	2	2	2	2	2	2	3	3	3
-38.75°	2	2	2	2	2	2	2	2	2	3	3
-40°	2	2	2	2	2	2	2	2	2	3	3
-41.25°	2	2	2	2	2	2	2	2	2	2	3
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	1	2	2	2	2	2	2	2	2	2	2
-46.25°	1	2	2	2	2	2	2	2	2	2	2
-47.5°	1	1	2	2	2	2	2	2	2	2	2
-48.75°	1	1	2	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	1	2	2	2	2	2	2	2
-52.5°	1	1	1	1	1	2	2	2	2	2	2
-53.75°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	2	2
-58.75°	1	1	1	1	1	1	1	1	1	1	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	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	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	2	2	2	2	2	2	2
61.25°	1	1	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	3	3
51.25°	2	2	2	2	2	2	2	3	3	3	3
50°	2	2	2	2	2	2	3	3	3	3	3
48.75°	2	2	2	2	2	3	3	3	3	3	3
47.5°	2	2	2	3	3	3	3	3	3	3	3
46.25°	2	2	3	3	3	3	3	3	3	3	3
45°	2	3	3	3	3	3	3	3	3	3	3
43.75°	2	3	3	3	3	3	3	3	3	3	3
42.5°	3	3	3	3	3	3	3	3	3	3	3
41.25°	3	3	3	3	3	3	3	3	3	3	3
40°	3	3	3	3	3	3	3	3	3	3	3
38.75°	3	3	3	3	3	3	3	3	3	3	3
37.5°	3	3	3	3	3	3	3	3	3	3	3
36.25°	3	3	3	3	3	3	3	3	3	3	4
35°	3	3	3	3	3	3	3	3	3	4	4



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	3	3	3	3	3	3	3	3	3	4	4
32.5°	3	3	3	3	3	3	3	3	4	4	4
31.25°	3	3	3	3	3	3	3	4	4	4	4
30°	3	3	3	3	3	3	4	4	4	4	5
28.75°	3	3	3	3	3	3	4	4	4	5	5
27.5°	3	3	3	3	3	4	4	4	5	5	5
26.25°	3	3	3	3	3	4	4	4	5	5	6
25°	3	3	3	3	4	4	4	5	5	6	6
23.75°	3	3	3	3	4	4	4	5	5	6	6
22.5°	3	3	3	4	4	4	5	5	6	6	8
21.25°	3	3	3	4	4	4	5	5	6	7	9
20°	3	3	4	4	4	5	5	6	6	8	11
18.75°	3	3	4	4	4	5	5	6	6	9	12
17.5°	3	3	4	4	4	5	5	6	8	10	13
16.25°	3	3	4	4	5	5	6	6	9	11	14
15°	3	4	4	4	5	5	6	7	10	12	15
13.75°	3	4	4	4	5	5	6	8	11	13	16
12.5°	3	4	4	4	5	6	6	8	11	14	16
11.25°	3	4	4	5	5	6	6	9	12	15	17
10°	3	4	4	5	5	6	7	10	13	15	18
8.75°	4	4	4	5	5	6	7	10	13	16	18
7.5°	4	4	4	5	5	6	8	11	14	16	19
6.25°	4	4	4	5	5	6	8	11	14	17	20
5°	4	4	4	5	6	6	9	12	14	17	20
3.75°	4	4	4	5	6	6	9	12	15	17	20
2.5°	4	4	4	5	6	6	9	12	15	17	21
1.25°	4	4	4	5	6	6	9	12	15	17	21
0°	4	4	5	5	6	6	9	12	15	18	21
-1.25°	4	4	4	5	6	6	9	12	15	17	21
-2.5°	4	4	4	5	6	6	9	12	15	17	21
-3.75°	4	4	4	5	6	6	9	12	15	17	20
-5°	4	4	4	5	6	6	9	12	14	17	20
-6.25°	4	4	4	5	5	6	8	11	14	17	20
-7.5°	4	4	4	5	5	6	8	11	14	16	19
-8.75°	4	4	4	5	5	6	7	10	13	16	18
-10°	3	4	4	5	5	6	7	10	13	15	18
-11.25°	3	4	4	5	5	6	6	9	12	15	17
-12.5°	3	4	4	4	5	6	6	8	11	14	16
-13.75°	3	4	4	4	5	5	6	8	11	13	16
-15°	3	4	4	4	5	5	6	7	10	12	15
-16.25°	3	3	4	4	5	5	6	6	9	11	14
-17.5°	3	3	4	4	4	5	5	6	8	10	13
-18.75°	3	3	4	4	4	5	5	6	6	9	12
-20°	3	3	4	4	4	5	5	6	6	8	11
-21.25°	3	3	3	4	4	4	5	5	6	7	9



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	3	3	3	4	4	4	5	5	6	6	8
-23.75°	3	3	3	3	4	4	4	5	5	6	6
-25°	3	3	3	3	4	4	4	5	5	6	6
-26.25°	3	3	3	3	3	4	4	4	5	5	6
-27.5°	3	3	3	3	3	4	4	4	5	5	5
-28.75°	3	3	3	3	3	3	4	4	4	5	5
-30°	3	3	3	3	3	3	4	4	4	4	5
-31.25°	3	3	3	3	3	3	3	4	4	4	4
-32.5°	3	3	3	3	3	3	3	3	4	4	4
-33.75°	3	3	3	3	3	3	3	3	3	4	4
-35°	3	3	3	3	3	3	3	3	3	4	4
-36.25°	3	3	3	3	3	3	3	3	3	3	4
-37.5°	3	3	3	3	3	3	3	3	3	3	3
-38.75°	3	3	3	3	3	3	3	3	3	3	3
-40°	3	3	3	3	3	3	3	3	3	3	3
-41.25°	3	3	3	3	3	3	3	3	3	3	3
-42.5°	3	3	3	3	3	3	3	3	3	3	3
-43.75°	2	3	3	3	3	3	3	3	3	3	3
-45°	2	3	3	3	3	3	3	3	3	3	3
-46.25°	2	2	3	3	3	3	3	3	3	3	3
-47.5°	2	2	2	3	3	3	3	3	3	3	3
-48.75°	2	2	2	2	2	3	3	3	3	3	3
-50°	2	2	2	2	2	2	3	3	3	3	3
-51.25°	2	2	2	2	2	2	2	3	3	3	3
-52.5°	2	2	2	2	2	2	2	2	2	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	1	1	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	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	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	2	2	2
67.5°	1	1	1	1	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	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	3
57.5°	2	2	2	2	2	2	2	3	3	3	3
56.25°	2	2	2	2	3	3	3	3	3	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	4
43.75°	3	3	3	3	3	3	3	3	4	4	4
42.5°	3	3	3	3	3	3	4	4	4	4	4
41.25°	3	3	3	3	4	4	4	4	4	4	5
40°	3	3	3	4	4	4	4	4	5	5	5
38.75°	3	3	4	4	4	4	5	5	5	5	6
37.5°	4	4	4	4	4	5	5	5	6	6	6
36.25°	4	4	4	4	5	5	5	6	6	6	8
35°	4	4	4	5	5	5	6	6	7	9	10



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	4	4	5	5	6	6	6	8	10	11	13
32.5°	4	5	5	6	6	7	8	10	12	13	15
31.25°	5	5	6	6	7	9	11	13	14	15	17
30°	5	6	6	7	9	11	13	14	16	17	19
28.75°	5	6	7	9	11	13	15	16	18	20	22
27.5°	6	6	8	11	13	15	16	18	20	22	25
26.25°	6	8	10	13	14	16	18	20	23	26	36
25°	7	10	12	14	16	18	20	23	27	38	48
23.75°	9	11	13	15	17	20	22	26	38	48	67
22.5°	10	13	15	17	19	22	25	36	48	67	105
21.25°	12	14	16	18	21	24	34	46	62	103	143
20°	13	15	17	20	23	30	43	55	96	138	182
18.75°	14	16	19	22	25	38	51	84	128	173	227
17.5°	15	17	20	23	33	46	68	114	159	214	273
16.25°	16	19	22	26	40	54	95	143	195	255	317
15°	17	20	23	33	47	72	121	170	231	296	359
13.75°	18	21	24	39	53	96	145	202	267	334	395
12.5°	19	22	30	44	66	117	168	233	301	368	428
11.25°	20	23	34	49	85	137	194	262	332	398	457
10°	21	24	39	54	102	155	218	289	360	424	480
8.75°	22	28	43	63	117	171	240	313	383	447	501
7.5°	22	31	46	76	130	189	260	335	404	466	515
6.25°	23	34	49	87	142	204	278	353	420	481	527
5°	23	36	51	96	151	217	292	366	434	493	537
3.75°	24	38	53	103	158	227	303	377	445	502	543
2.5°	24	39	55	108	164	235	311	385	452	508	548
1.25°	24	40	56	111	167	239	316	390	457	511	551
0°	24	40	56	112	168	241	318	391	459	512	552
-1.25°	24	40	56	111	167	239	316	390	457	511	551
-2.5°	24	39	55	108	164	235	311	385	452	508	548
-3.75°	24	38	53	103	158	227	303	377	445	502	543
-5°	23	36	51	96	151	217	292	366	434	493	537
-6.25°	23	34	49	87	142	204	278	353	420	481	527
-7.5°	22	31	46	76	130	189	260	335	404	466	515
-8.75°	22	28	43	63	117	171	240	313	383	447	501
-10°	21	24	39	54	102	155	218	289	360	424	480
-11.25°	20	23	34	49	85	137	194	262	332	398	457
-12.5°	19	22	30	44	66	117	168	233	301	368	428
-13.75°	18	21	24	39	53	96	145	202	267	334	395
-15°	17	20	23	33	47	72	121	170	231	296	359
-16.25°	16	19	22	26	40	54	95	143	195	255	317
-17.5°	15	17	20	23	33	46	68	114	159	214	273
-18.75°	14	16	19	22	25	38	51	84	128	173	227
-20°	13	15	17	20	23	30	43	55	96	138	182
-21.25°	12	14	16	18	21	24	34	46	62	103	143





REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	10	13	15	17	19	22	25	36	48	67	105
-23.75°	9	11	13	15	17	20	22	26	38	48	67
-25°	7	10	12	14	16	18	20	23	27	38	48
-26.25°	6	8	10	13	14	16	18	20	23	26	36
-27.5°	6	6	8	11	13	15	16	18	20	22	25
-28.75°	5	6	7	9	11	13	15	16	18	20	22
-30°	5	6	6	7	9	11	13	14	16	17	19
-31.25°	5	5	6	6	7	9	11	13	14	15	17
-32.5°	4	5	5	6	6	7	8	10	12	13	15
-33.75°	4	4	5	5	6	6	6	8	10	11	13
-35°	4	4	4	5	5	5	6	6	7	9	10
-36.25°	4	4	4	4	5	5	5	6	6	6	8
-37.5°	4	4	4	4	4	5	5	5	6	6	6
-38.75°	3	3	4	4	4	4	5	5	5	5	6
-40°	3	3	3	4	4	4	4	4	5	5	5
-41.25°	3	3	3	3	4	4	4	4	4	4	5
-42.5°	3	3	3	3	3	3	4	4	4	4	4
-43.75°	3	3	3	3	3	3	3	3	4	4	4
-45°	3	3	3	3	3	3	3	3	3	3	4
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	2	2	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	2	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	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	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	3	3	3	3	3	3	3
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°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	4
47.5°	3	3	3	3	3	4	4	4	4	4	4
46.25°	3	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	5	5	5
43.75°	4	4	4	4	5	5	5	5	5	5	5
42.5°	4	5	5	5	5	5	5	6	6	6	6
41.25°	5	5	5	5	6	6	6	6	6	7	7
40°	5	6	6	6	6	7	8	8	9	10	10
38.75°	6	6	6	8	9	10	11	11	12	13	13
37.5°	7	8	9	10	11	12	13	14	15	15	16
36.25°	9	11	12	13	14	15	16	16	17	18	18
35°	12	13	14	15	16	17	18	19	20	21	22



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	14	15	16	17	19	20	21	22	23	24	28
32.5°	16	17	19	20	22	23	24	30	34	39	43
31.25°	18	20	22	23	26	33	39	44	49	54	63
30°	21	23	25	33	40	47	53	66	85	102	117
28.75°	24	30	38	46	54	72	96	117	137	155	171
27.5°	34	43	51	68	95	121	145	168	194	218	240
26.25°	46	55	84	114	143	170	202	233	262	289	313
25°	62	96	128	159	195	231	267	301	332	360	383
23.75°	103	138	173	214	255	296	334	368	398	424	447
22.5°	143	182	227	273	317	359	395	428	457	480	501
21.25°	185	234	284	332	376	416	451	481	506	524	540
20°	234	287	339	386	429	467	499	522	542	559	574
18.75°	284	339	390	436	476	509	534	555	574	593	612
17.5°	332	386	436	479	514	540	563	586	609	632	655
16.25°	376	429	476	514	543	567	593	620	648	676	707
15°	416	467	509	540	567	595	626	658	693	730	768
13.75°	451	499	534	563	593	626	661	702	746	792	849
12.5°	481	522	555	586	620	658	702	751	807	875	959
11.25°	506	542	574	609	648	693	746	807	886	983	1092
10°	524	559	593	632	676	730	792	875	983	1107	1259
8.75°	540	574	612	655	707	768	849	959	1092	1259	1469
7.5°	553	589	629	676	736	809	912	1046	1215	1437	1725
6.25°	564	601	646	699	764	851	975	1130	1344	1633	2022
5°	573	613	660	719	788	893	1037	1224	1482	1840	2339
3.75°	581	622	671	735	815	932	1088	1299	1607	2053	2654
2.5°	586	629	681	747	834	961	1127	1371	1720	2227	2895
1.25°	589	633	687	755	845	978	1158	1416	1789	2335	3059
0°	590	634	689	757	849	984	1168	1432	1813	2372	3118
-1.25°	589	633	687	755	845	978	1158	1416	1789	2335	3059
-2.5°	586	629	681	747	834	961	1127	1371	1720	2227	2895
-3.75°	581	622	671	735	815	932	1088	1299	1607	2053	2654
-5°	573	613	660	719	788	893	1037	1224	1482	1840	2339
-6.25°	564	601	646	699	764	851	975	1130	1344	1633	2022
-7.5°	553	589	629	676	736	809	912	1046	1215	1437	1725
-8.75°	540	574	612	655	707	768	849	959	1092	1259	1469
-10°	524	559	593	632	676	730	792	875	983	1107	1259
-11.25°	506	542	574	609	648	693	746	807	886	983	1092
-12.5°	481	522	555	586	620	658	702	751	807	875	959
-13.75°	451	499	534	563	593	626	661	702	746	792	849
-15°	416	467	509	540	567	595	626	658	693	730	768
-16.25°	376	429	476	514	543	567	593	620	648	676	707
-17.5°	332	386	436	479	514	540	563	586	609	632	655
-18.75°	284	339	390	436	476	509	534	555	574	593	612
-20°	234	287	339	386	429	467	499	522	542	559	574
-21.25°	185	234	284	332	376	416	451	481	506	524	540



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	143	182	227	273	317	359	395	428	457	480	501
-23.75°	103	138	173	214	255	296	334	368	398	424	447
-25°	62	96	128	159	195	231	267	301	332	360	383
-26.25°	46	55	84	114	143	170	202	233	262	289	313
-27.5°	34	43	51	68	95	121	145	168	194	218	240
-28.75°	24	30	38	46	54	72	96	117	137	155	171
-30°	21	23	25	33	40	47	53	66	85	102	117
-31.25°	18	20	22	23	26	33	39	44	49	54	63
-32.5°	16	17	19	20	22	23	24	30	34	39	43
-33.75°	14	15	16	17	19	20	21	22	23	24	28
-35°	12	13	14	15	16	17	18	19	20	21	22
-36.25°	9	11	12	13	14	15	16	16	17	18	18
-37.5°	7	8	9	10	11	12	13	14	15	15	16
-38.75°	6	6	6	8	9	10	11	11	12	13	13
-40°	5	6	6	6	6	7	8	8	9	10	10
-41.25°	5	5	5	5	6	6	6	6	6	7	7
-42.5°	4	5	5	5	5	5	5	6	6	6	6
-43.75°	4	4	4	4	5	5	5	5	5	5	5
-45°	4	4	4	4	4	4	4	4	5	5	5
-46.25°	3	4	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	3	3	3	3	4
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	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°	2	2	2	2	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	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°	1	1	1	1	2	2	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	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	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	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	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	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	5	4	4	4	4
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	6	6	6	6	6	6	6	6	6
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	8	8	9	9	9	9	9	9	9	9	9
40°	11	11	12	12	12	12	12	12	12	12	12
38.75°	14	14	14	15	15	15	15	15	15	15	14
37.5°	16	17	17	17	17	17	18	17	17	17	17
36.25°	19	20	20	20	21	21	21	21	21	20	20
35°	22	23	23	24	24	24	24	24	24	24	23



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	31	34	36	38	39	40	40	40	39	38	36
32.5°	46	49	51	53	55	56	56	56	55	53	51
31.25°	76	87	96	103	108	111	112	111	108	103	96
30°	130	142	151	158	164	167	168	167	164	158	151
28.75°	189	204	217	227	235	239	241	239	235	227	217
27.5°	260	278	292	303	311	316	318	316	311	303	292
26.25°	335	353	366	377	385	390	391	390	385	377	366
25°	404	420	434	445	452	457	459	457	452	445	434
23.75°	466	481	493	502	508	511	512	511	508	502	493
22.5°	515	527	537	543	548	551	552	551	548	543	537
21.25°	553	564	573	581	586	589	590	589	586	581	573
20°	589	601	613	622	629	633	634	633	629	622	613
18.75°	629	646	660	671	681	687	689	687	681	671	660
17.5°	676	699	719	735	747	755	757	755	747	735	719
16.25°	736	764	788	815	834	845	849	845	834	815	788
15°	809	851	893	932	961	978	984	978	961	932	893
13.75°	912	975	1037	1088	1127	1158	1168	1158	1127	1088	1037
12.5°	1046	1130	1224	1299	1371	1416	1432	1416	1371	1299	1224
11.25°	1215	1344	1482	1607	1720	1789	1813	1789	1720	1607	1482
10°	1437	1633	1840	2053	2227	2335	2372	2335	2227	2053	1840
8.75°	1725	2022	2339	2654	2895	3059	3118	3059	2895	2654	2339
7.5°	2091	2516	2948	3363	3680	3882	3951	3882	3680	3363	2948
6.25°	2516	3065	3617	4096	4471	4712	4796	4712	4471	4096	3617
5°	2948	3617	4242	4798	5233	5516	5616	5516	5233	4798	4242
3.75°	3363	4096	4798	5420	5895	6203	6296	6203	5895	5420	4798
2.5°	3680	4471	5233	5895	6395	6708	6805	6708	6395	5895	5233
1.25°	3882	4712	5516	6203	6708	7016	7120	7016	6708	6203	5516
0°	3951	4796	5616	6296	6805	7120	7261	7120	6805	6296	5616
-1.25°	3882	4712	5516	6203	6708	7016	7120	7016	6708	6203	5516
-2.5°	3680	4471	5233	5895	6395	6708	6805	6708	6395	5895	5233
-3.75°	3363	4096	4798	5420	5895	6203	6296	6203	5895	5420	4798
-5°	2948	3617	4242	4798	5233	5516	5616	5516	5233	4798	4242
-6.25°	2516	3065	3617	4096	4471	4712	4796	4712	4471	4096	3617
-7.5°	2091	2516	2948	3363	3680	3882	3951	3882	3680	3363	2948
-8.75°	1725	2022	2339	2654	2895	3059	3118	3059	2895	2654	2339
-10°	1437	1633	1840	2053	2227	2335	2372	2335	2227	2053	1840
-11.25°	1215	1344	1482	1607	1720	1789	1813	1789	1720	1607	1482
-12.5°	1046	1130	1224	1299	1371	1416	1432	1416	1371	1299	1224
-13.75°	912	975	1037	1088	1127	1158	1168	1158	1127	1088	1037
-15°	809	851	893	932	961	978	984	978	961	932	893
-16.25°	736	764	788	815	834	845	849	845	834	815	788
-17.5°	676	699	719	735	747	755	757	755	747	735	719
-18.75°	629	646	660	671	681	687	689	687	681	671	660
-20°	589	601	613	622	629	633	634	633	629	622	613
-21.25°	553	564	573	581	586	589	590	589	586	581	573





REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	515	527	537	543	548	551	552	551	548	543	537
-23.75°	466	481	493	502	508	511	512	511	508	502	493
-25°	404	420	434	445	452	457	459	457	452	445	434
-26.25°	335	353	366	377	385	390	391	390	385	377	366
-27.5°	260	278	292	303	311	316	318	316	311	303	292
-28.75°	189	204	217	227	235	239	241	239	235	227	217
-30°	130	142	151	158	164	167	168	167	164	158	151
-31.25°	76	87	96	103	108	111	112	111	108	103	96
-32.5°	46	49	51	53	55	56	56	56	55	53	51
-33.75°	31	34	36	38	39	40	40	40	39	38	36
-35°	22	23	23	24	24	24	24	24	24	24	23
-36.25°	19	20	20	20	21	21	21	21	21	20	20
-37.5°	16	17	17	17	17	17	18	17	17	17	17
-38.75°	14	14	14	15	15	15	15	15	15	15	14
-40°	11	11	12	12	12	12	12	12	12	12	12
-41.25°	8	8	9	9	9	9	9	9	9	9	9
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	5	5	6	6	6	6	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	5	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	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	3	3	3
-61.25°	2	3	3	3	3	3	3	3	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°	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	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	1	1
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	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	3	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°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	4	4	4	3	3	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	4	4	3	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	5	5	5	4	4	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	5	4	4
42.5°	6	6	6	6	6	6	5	5	5	5	5
41.25°	8	8	7	7	6	6	6	6	6	5	5
40°	11	11	10	10	9	8	8	7	6	6	6
38.75°	14	14	13	13	12	11	11	10	9	8	6
37.5°	17	16	16	15	15	14	13	12	11	10	9
36.25°	20	19	18	18	17	16	16	15	14	13	12
35°	23	22	22	21	20	19	18	17	16	15	14



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	34	31	28	24	23	22	21	20	19	17	16
32.5°	49	46	43	39	34	30	24	23	22	20	19
31.25°	87	76	63	54	49	44	39	33	26	23	22
30°	142	130	117	102	85	66	53	47	40	33	25
28.75°	204	189	171	155	137	117	96	72	54	46	38
27.5°	278	260	240	218	194	168	145	121	95	68	51
26.25°	353	335	313	289	262	233	202	170	143	114	84
25°	420	404	383	360	332	301	267	231	195	159	128
23.75°	481	466	447	424	398	368	334	296	255	214	173
22.5°	527	515	501	480	457	428	395	359	317	273	227
21.25°	564	553	540	524	506	481	451	416	376	332	284
20°	601	589	574	559	542	522	499	467	429	386	339
18.75°	646	629	612	593	574	555	534	509	476	436	390
17.5°	699	676	655	632	609	586	563	540	514	479	436
16.25°	764	736	707	676	648	620	593	567	543	514	476
15°	851	809	768	730	693	658	626	595	567	540	509
13.75°	975	912	849	792	746	702	661	626	593	563	534
12.5°	1130	1046	959	875	807	751	702	658	620	586	555
11.25°	1344	1215	1092	983	886	807	746	693	648	609	574
10°	1633	1437	1259	1107	983	875	792	730	676	632	593
8.75°	2022	1725	1469	1259	1092	959	849	768	707	655	612
7.5°	2516	2091	1725	1437	1215	1046	912	809	736	676	629
6.25°	3065	2516	2022	1633	1344	1130	975	851	764	699	646
5°	3617	2948	2339	1840	1482	1224	1037	893	788	719	660
3.75°	4096	3363	2654	2053	1607	1299	1088	932	815	735	671
2.5°	4471	3680	2895	2227	1720	1371	1127	961	834	747	681
1.25°	4712	3882	3059	2335	1789	1416	1158	978	845	755	687
0°	4796	3951	3118	2372	1813	1432	1168	984	849	757	689
-1.25°	4712	3882	3059	2335	1789	1416	1158	978	845	755	687
-2.5°	4471	3680	2895	2227	1720	1371	1127	961	834	747	681
-3.75°	4096	3363	2654	2053	1607	1299	1088	932	815	735	671
-5°	3617	2948	2339	1840	1482	1224	1037	893	788	719	660
-6.25°	3065	2516	2022	1633	1344	1130	975	851	764	699	646
-7.5°	2516	2091	1725	1437	1215	1046	912	809	736	676	629
-8.75°	2022	1725	1469	1259	1092	959	849	768	707	655	612
-10°	1633	1437	1259	1107	983	875	792	730	676	632	593
-11.25°	1344	1215	1092	983	886	807	746	693	648	609	574
-12.5°	1130	1046	959	875	807	751	702	658	620	586	555
-13.75°	975	912	849	792	746	702	661	626	593	563	534
-15°	851	809	768	730	693	658	626	595	567	540	509
-16.25°	764	736	707	676	648	620	593	567	543	514	476
-17.5°	699	676	655	632	609	586	563	540	514	479	436
-18.75°	646	629	612	593	574	555	534	509	476	436	390
-20°	601	589	574	559	542	522	499	467	429	386	339
-21.25°	564	553	540	524	506	481	451	416	376	332	284



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	527	515	501	480	457	428	395	359	317	273	227
-23.75°	481	466	447	424	398	368	334	296	255	214	173
-25°	420	404	383	360	332	301	267	231	195	159	128
-26.25°	353	335	313	289	262	233	202	170	143	114	84
-27.5°	278	260	240	218	194	168	145	121	95	68	51
-28.75°	204	189	171	155	137	117	96	72	54	46	38
-30°	142	130	117	102	85	66	53	47	40	33	25
-31.25°	87	76	63	54	49	44	39	33	26	23	22
-32.5°	49	46	43	39	34	30	24	23	22	20	19
-33.75°	34	31	28	24	23	22	21	20	19	17	16
-35°	23	22	22	21	20	19	18	17	16	15	14
-36.25°	20	19	18	18	17	16	16	15	14	13	12
-37.5°	17	16	16	15	15	14	13	12	11	10	9
-38.75°	14	14	13	13	12	11	11	10	9	8	6
-40°	11	11	10	10	9	8	8	7	6	6	6
-41.25°	8	8	7	7	6	6	6	6	6	5	5
-42.5°	6	6	6	6	6	6	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	4	4
-45°	5	5	5	5	5	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	3	3	3
-48.75°	4	4	4	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	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	3	2	2
-61.25°	3	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	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	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	0	0	0	0	0	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°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	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°	3	3	3	2	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	2	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	4	3	3	3	3	3	3	3	3	3	3
45°	4	4	4	3	3	3	3	3	3	3	3
43.75°	4	4	4	4	4	3	3	3	3	3	3
42.5°	5	4	4	4	4	4	4	3	3	3	3
41.25°	5	5	5	4	4	4	4	4	4	3	3
40°	6	5	5	5	5	4	4	4	4	4	3
38.75°	6	6	6	5	5	5	5	4	4	4	4
37.5°	8	7	6	6	6	5	5	5	4	4	4
36.25°	11	9	8	6	6	6	5	5	5	4	4
35°	13	12	10	9	7	6	6	5	5	5	4



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	15	14	13	11	10	8	6	6	6	5	5
32.5°	17	16	15	13	12	10	8	7	6	6	5
31.25°	20	18	17	15	14	13	11	9	7	6	6
30°	23	21	19	17	16	14	13	11	9	7	6
28.75°	30	24	22	20	18	16	15	13	11	9	7
27.5°	43	34	25	22	20	18	16	15	13	11	8
26.25°	55	46	36	26	23	20	18	16	14	13	10
25°	96	62	48	38	27	23	20	18	16	14	12
23.75°	138	103	67	48	38	26	22	20	17	15	13
22.5°	182	143	105	67	48	36	25	22	19	17	15
21.25°	234	185	143	103	62	46	34	24	21	18	16
20°	287	234	182	138	96	55	43	30	23	20	17
18.75°	339	284	227	173	128	84	51	38	25	22	19
17.5°	386	332	273	214	159	114	68	46	33	23	20
16.25°	429	376	317	255	195	143	95	54	40	26	22
15°	467	416	359	296	231	170	121	72	47	33	23
13.75°	499	451	395	334	267	202	145	96	53	39	24
12.5°	522	481	428	368	301	233	168	117	66	44	30
11.25°	542	506	457	398	332	262	194	137	85	49	34
10°	559	524	480	424	360	289	218	155	102	54	39
8.75°	574	540	501	447	383	313	240	171	117	63	43
7.5°	589	553	515	466	404	335	260	189	130	76	46
6.25°	601	564	527	481	420	353	278	204	142	87	49
5°	613	573	537	493	434	366	292	217	151	96	51
3.75°	622	581	543	502	445	377	303	227	158	103	53
2.5°	629	586	548	508	452	385	311	235	164	108	55
1.25°	633	589	551	511	457	390	316	239	167	111	56
0°	634	590	552	512	459	391	318	241	168	112	56
-1.25°	633	589	551	511	457	390	316	239	167	111	56
-2.5°	629	586	548	508	452	385	311	235	164	108	55
-3.75°	622	581	543	502	445	377	303	227	158	103	53
-5°	613	573	537	493	434	366	292	217	151	96	51
-6.25°	601	564	527	481	420	353	278	204	142	87	49
-7.5°	589	553	515	466	404	335	260	189	130	76	46
-8.75°	574	540	501	447	383	313	240	171	117	63	43
-10°	559	524	480	424	360	289	218	155	102	54	39
-11.25°	542	506	457	398	332	262	194	137	85	49	34
-12.5°	522	481	428	368	301	233	168	117	66	44	30
-13.75°	499	451	395	334	267	202	145	96	53	39	24
-15°	467	416	359	296	231	170	121	72	47	33	23
-16.25°	429	376	317	255	195	143	95	54	40	26	22
-17.5°	386	332	273	214	159	114	68	46	33	23	20
-18.75°	339	284	227	173	128	84	51	38	25	22	19
-20°	287	234	182	138	96	55	43	30	23	20	17
-21.25°	234	185	143	103	62	46	34	24	21	18	16





REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	182	143	105	67	48	36	25	22	19	17	15
-23.75°	138	103	67	48	38	26	22	20	17	15	13
-25°	96	62	48	38	27	23	20	18	16	14	12
-26.25°	55	46	36	26	23	20	18	16	14	13	10
-27.5°	43	34	25	22	20	18	16	15	13	11	8
-28.75°	30	24	22	20	18	16	15	13	11	9	7
-30°	23	21	19	17	16	14	13	11	9	7	6
-31.25°	20	18	17	15	14	13	11	9	7	6	6
-32.5°	17	16	15	13	12	10	8	7	6	6	5
-33.75°	15	14	13	11	10	8	6	6	6	5	5
-35°	13	12	10	9	7	6	6	5	5	5	4
-36.25°	11	9	8	6	6	6	5	5	5	4	4
-37.5°	8	7	6	6	6	5	5	5	4	4	4
-38.75°	6	6	6	5	5	5	5	4	4	4	4
-40°	6	5	5	5	5	4	4	4	4	4	3
-41.25°	5	5	5	4	4	4	4	4	4	3	3
-42.5°	5	4	4	4	4	4	4	3	3	3	3
-43.75°	4	4	4	4	4	3	3	3	3	3	3
-45°	4	4	4	3	3	3	3	3	3	3	3
-46.25°	4	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-58.75°	3	3	3	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	1	1
-68.75°	2	2	2	2	2	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	1	1	1	1	1
-85°	1	1	1	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	1	1	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	2	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	2	2	2	2	2	2	2
51.25°	3	3	3	3	3	3	2	2	2	2	2
50°	3	3	3	3	3	3	3	2	2	2	2
48.75°	3	3	3	3	3	3	3	3	2	2	2
47.5°	3	3	3	3	3	3	3	3	3	3	2
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	3	3
42.5°	3	3	3	3	3	3	3	3	3	3	3
41.25°	3	3	3	3	3	3	3	3	3	3	3
40°	3	3	3	3	3	3	3	3	3	3	3
38.75°	3	3	3	3	3	3	3	3	3	3	3
37.5°	4	4	3	3	3	3	3	3	3	3	3
36.25°	4	4	4	3	3	3	3	3	3	3	3
35°	4	4	4	4	3	3	3	3	3	3	3



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	4	4	4	4	3	3	3	3	3	3	3
32.5°	5	4	4	4	4	3	3	3	3	3	3
31.25°	5	5	4	4	4	4	3	3	3	3	3
30°	6	5	5	4	4	4	4	3	3	3	3
28.75°	6	5	5	5	4	4	4	3	3	3	3
27.5°	6	6	5	5	5	4	4	4	3	3	3
26.25°	8	6	6	5	5	4	4	4	3	3	3
25°	10	7	6	6	5	5	4	4	4	3	3
23.75°	11	9	6	6	5	5	4	4	4	3	3
22.5°	13	10	8	6	6	5	5	4	4	4	3
21.25°	14	12	9	7	6	5	5	4	4	4	3
20°	15	13	11	8	6	6	5	5	4	4	4
18.75°	16	14	12	9	6	6	5	5	4	4	4
17.5°	17	15	13	10	8	6	5	5	4	4	4
16.25°	19	16	14	11	9	6	6	5	5	4	4
15°	20	17	15	12	10	7	6	5	5	4	4
13.75°	21	18	16	13	11	8	6	5	5	4	4
12.5°	22	19	16	14	11	8	6	6	5	4	4
11.25°	23	20	17	15	12	9	6	6	5	5	4
10°	24	21	18	15	13	10	7	6	5	5	4
8.75°	28	22	18	16	13	10	7	6	5	5	4
7.5°	31	22	19	16	14	11	8	6	5	5	4
6.25°	34	23	20	17	14	11	8	6	5	5	4
5°	36	23	20	17	14	12	9	6	6	5	4
3.75°	38	24	20	17	15	12	9	6	6	5	4
2.5°	39	24	21	17	15	12	9	6	6	5	4
1.25°	40	24	21	17	15	12	9	6	6	5	4
0°	40	24	21	18	15	12	9	6	6	5	5
-1.25°	40	24	21	17	15	12	9	6	6	5	4
-2.5°	39	24	21	17	15	12	9	6	6	5	4
-3.75°	38	24	20	17	15	12	9	6	6	5	4
-5°	36	23	20	17	14	12	9	6	6	5	4
-6.25°	34	23	20	17	14	11	8	6	5	5	4
-7.5°	31	22	19	16	14	11	8	6	5	5	4
-8.75°	28	22	18	16	13	10	7	6	5	5	4
-10°	24	21	18	15	13	10	7	6	5	5	4
-11.25°	23	20	17	15	12	9	6	6	5	5	4
-12.5°	22	19	16	14	11	8	6	6	5	4	4
-13.75°	21	18	16	13	11	8	6	5	5	4	4
-15°	20	17	15	12	10	7	6	5	5	4	4
-16.25°	19	16	14	11	9	6	6	5	5	4	4
-17.5°	17	15	13	10	8	6	5	5	4	4	4
-18.75°	16	14	12	9	6	6	5	5	4	4	4
-20°	15	13	11	8	6	6	5	5	4	4	4
-21.25°	14	12	9	7	6	5	5	4	4	4	3



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	13	10	8	6	6	5	5	4	4	4	3
-23.75°	11	9	6	6	5	5	4	4	4	3	3
-25°	10	7	6	6	5	5	4	4	4	3	3
-26.25°	8	6	6	5	5	4	4	4	3	3	3
-27.5°	6	6	5	5	5	4	4	4	3	3	3
-28.75°	6	5	5	5	4	4	4	3	3	3	3
-30°	6	5	5	4	4	4	4	3	3	3	3
-31.25°	5	5	4	4	4	4	3	3	3	3	3
-32.5°	5	4	4	4	4	3	3	3	3	3	3
-33.75°	4	4	4	4	3	3	3	3	3	3	3
-35°	4	4	4	4	3	3	3	3	3	3	3
-36.25°	4	4	4	3	3	3	3	3	3	3	3
-37.5°	4	4	3	3	3	3	3	3	3	3	3
-38.75°	3	3	3	3	3	3	3	3	3	3	3
-40°	3	3	3	3	3	3	3	3	3	3	3
-41.25°	3	3	3	3	3	3	3	3	3	3	3
-42.5°	3	3	3	3	3	3	3	3	3	3	3
-43.75°	3	3	3	3	3	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	2
-48.75°	3	3	3	3	3	3	3	3	2	2	2
-50°	3	3	3	3	3	3	3	2	2	2	2
-51.25°	3	3	3	3	3	3	2	2	2	2	2
-52.5°	3	3	3	3	2	2	2	2	2	2	2
-53.75°	3	3	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	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	1	1	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	0	0	0	0	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	1	1	1	1	1
55°	2	2	2	2	2	2	2	1	1	1	1
53.75°	2	2	2	2	2	2	2	2	1	1	1
52.5°	2	2	2	2	2	2	2	2	1	1	1
51.25°	2	2	2	2	2	2	2	2	2	1	1
50°	2	2	2	2	2	2	2	2	2	2	1
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	3	2	2	2	2	2	2	2	2	2	2
43.75°	3	2	2	2	2	2	2	2	2	2	2
42.5°	3	3	2	2	2	2	2	2	2	2	2
41.25°	3	3	3	2	2	2	2	2	2	2	2
40°	3	3	3	3	2	2	2	2	2	2	2
38.75°	3	3	3	3	2	2	2	2	2	2	2
37.5°	3	3	3	3	3	2	2	2	2	2	2
36.25°	3	3	3	3	3	2	2	2	2	2	2
35°	3	3	3	3	3	3	2	2	2	2	2



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	3	3	3	3	3	3	2	2	2	2	2
32.5°	3	3	3	3	3	3	3	2	2	2	2
31.25°	3	3	3	3	3	3	3	2	2	2	2
30°	3	3	3	3	3	3	3	3	2	2	2
28.75°	3	3	3	3	3	3	3	3	2	2	2
27.5°	3	3	3	3	3	3	3	3	2	2	2
26.25°	3	3	3	3	3	3	3	3	3	2	2
25°	3	3	3	3	3	3	3	3	3	2	2
23.75°	3	3	3	3	3	3	3	3	3	2	2
22.5°	3	3	3	3	3	3	3	3	3	3	2
21.25°	3	3	3	3	3	3	3	3	3	3	2
20°	3	3	3	3	3	3	3	3	3	3	2
18.75°	3	3	3	3	3	3	3	3	3	3	2
17.5°	3	3	3	3	3	3	3	3	3	3	2
16.25°	3	3	3	3	3	3	3	3	3	3	3
15°	4	3	3	3	3	3	3	3	3	3	3
13.75°	4	3	3	3	3	3	3	3	3	3	3
12.5°	4	3	3	3	3	3	3	3	3	3	3
11.25°	4	3	3	3	3	3	3	3	3	3	3
10°	4	3	3	3	3	3	3	3	3	3	3
8.75°	4	4	3	3	3	3	3	3	3	3	3
7.5°	4	4	3	3	3	3	3	3	3	3	3
6.25°	4	4	3	3	3	3	3	3	3	3	3
5°	4	4	3	3	3	3	3	3	3	3	3
3.75°	4	4	3	3	3	3	3	3	3	3	3
2.5°	4	4	3	3	3	3	3	3	3	3	3
1.25°	4	4	3	3	3	3	3	3	3	3	3
0°	4	4	3	3	3	3	3	3	3	3	3
-1.25°	4	4	3	3	3	3	3	3	3	3	3
-2.5°	4	4	3	3	3	3	3	3	3	3	3
-3.75°	4	4	3	3	3	3	3	3	3	3	3
-5°	4	4	3	3	3	3	3	3	3	3	3
-6.25°	4	4	3	3	3	3	3	3	3	3	3
-7.5°	4	4	3	3	3	3	3	3	3	3	3
-8.75°	4	4	3	3	3	3	3	3	3	3	3
-10°	4	3	3	3	3	3	3	3	3	3	3
-11.25°	4	3	3	3	3	3	3	3	3	3	3
-12.5°	4	3	3	3	3	3	3	3	3	3	3
-13.75°	4	3	3	3	3	3	3	3	3	3	3
-15°	4	3	3	3	3	3	3	3	3	3	3
-16.25°	3	3	3	3	3	3	3	3	3	3	3
-17.5°	3	3	3	3	3	3	3	3	3	3	2
-18.75°	3	3	3	3	3	3	3	3	3	3	2
-20°	3	3	3	3	3	3	3	3	3	3	2
-21.25°	3	3	3	3	3	3	3	3	3	3	2





REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	3	3	3	3	3	3	3	3	3	3	2
-23.75°	3	3	3	3	3	3	3	3	3	2	2
-25°	3	3	3	3	3	3	3	3	3	2	2
-26.25°	3	3	3	3	3	3	3	3	3	2	2
-27.5°	3	3	3	3	3	3	3	3	2	2	2
-28.75°	3	3	3	3	3	3	3	3	2	2	2
-30°	3	3	3	3	3	3	3	3	2	2	2
-31.25°	3	3	3	3	3	3	3	2	2	2	2
-32.5°	3	3	3	3	3	3	3	2	2	2	2
-33.75°	3	3	3	3	3	3	2	2	2	2	2
-35°	3	3	3	3	3	3	2	2	2	2	2
-36.25°	3	3	3	3	3	2	2	2	2	2	2
-37.5°	3	3	3	3	3	2	2	2	2	2	2
-38.75°	3	3	3	3	2	2	2	2	2	2	2
-40°	3	3	3	3	2	2	2	2	2	2	2
-41.25°	3	3	3	2	2	2	2	2	2	2	2
-42.5°	3	3	2	2	2	2	2	2	2	2	2
-43.75°	3	2	2	2	2	2	2	2	2	2	2
-45°	3	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	1	1
-52.5°	2	2	2	2	2	2	2	2	1	1	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	1	1	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	1
-57.5°	2	2	2	2	1	1	1	1	1	1	1
-58.75°	2	2	2	1	1	1	1	1	1	1	1
-60°	2	2	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	0	0
-82.5°	1	1	1	1	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	0	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	0	0	0
75°	1	1	1	1	1	1	1	1	1	0	0
73.75°	1	1	1	1	1	1	1	1	1	1	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	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	2	1	1	1	1	1	1	1	1	1	1
45°	2	1	1	1	1	1	1	1	1	1	1
43.75°	2	2	1	1	1	1	1	1	1	1	1
42.5°	2	2	1	1	1	1	1	1	1	1	1
41.25°	2	2	2	1	1	1	1	1	1	1	1
40°	2	2	2	1	1	1	1	1	1	1	1
38.75°	2	2	2	2	1	1	1	1	1	1	1
37.5°	2	2	2	2	1	1	1	1	1	1	1
36.25°	2	2	2	2	1	1	1	1	1	1	1
35°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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	1	1	1	1	1	1
32.5°	2	2	2	2	2	1	1	1	1	1	1
31.25°	2	2	2	2	2	1	1	1	1	1	1
30°	2	2	2	2	2	2	1	1	1	1	1
28.75°	2	2	2	2	2	2	1	1	1	1	1
27.5°	2	2	2	2	2	2	1	1	1	1	1
26.25°	2	2	2	2	2	2	1	1	1	1	1
25°	2	2	2	2	2	2	2	1	1	1	1
23.75°	2	2	2	2	2	2	2	1	1	1	1
22.5°	2	2	2	2	2	2	2	1	1	1	1
21.25°	2	2	2	2	2	2	2	1	1	1	1
20°	2	2	2	2	2	2	2	1	1	1	1
18.75°	2	2	2	2	2	2	2	1	1	1	1
17.5°	2	2	2	2	2	2	2	1	1	1	1
16.25°	2	2	2	2	2	2	2	2	1	1	1
15°	2	2	2	2	2	2	2	2	1	1	1
13.75°	2	2	2	2	2	2	2	2	1	1	1
12.5°	2	2	2	2	2	2	2	2	1	1	1
11.25°	2	2	2	2	2	2	2	2	1	1	1
10°	2	2	2	2	2	2	2	2	1	1	1
8.75°	2	2	2	2	2	2	2	2	1	1	1
7.5°	2	2	2	2	2	2	2	2	1	1	1
6.25°	3	2	2	2	2	2	2	2	1	1	1
5°	3	2	2	2	2	2	2	2	1	1	1
3.75°	3	2	2	2	2	2	2	2	1	1	1
2.5°	3	2	2	2	2	2	2	2	1	1	1
1.25°	3	2	2	2	2	2	2	2	1	1	1
0°	3	2	2	2	2	2	2	2	1	1	1
-1.25°	3	2	2	2	2	2	2	2	1	1	1
-2.5°	3	2	2	2	2	2	2	2	1	1	1
-3.75°	3	2	2	2	2	2	2	2	1	1	1
-5°	3	2	2	2	2	2	2	2	1	1	1
-6.25°	3	2	2	2	2	2	2	2	1	1	1
-7.5°	2	2	2	2	2	2	2	2	1	1	1
-8.75°	2	2	2	2	2	2	2	2	1	1	1
-10°	2	2	2	2	2	2	2	2	1	1	1
-11.25°	2	2	2	2	2	2	2	2	1	1	1
-12.5°	2	2	2	2	2	2	2	2	1	1	1
-13.75°	2	2	2	2	2	2	2	2	1	1	1
-15°	2	2	2	2	2	2	2	2	1	1	1
-16.25°	2	2	2	2	2	2	2	2	1	1	1
-17.5°	2	2	2	2	2	2	2	1	1	1	1
-18.75°	2	2	2	2	2	2	2	1	1	1	1
-20°	2	2	2	2	2	2	2	1	1	1	1
-21.25°	2	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	2	2	2	2	2	2	2	1	1	1	1
-23.75°	2	2	2	2	2	2	2	1	1	1	1
-25°	2	2	2	2	2	2	2	1	1	1	1
-26.25°	2	2	2	2	2	2	1	1	1	1	1
-27.5°	2	2	2	2	2	2	1	1	1	1	1
-28.75°	2	2	2	2	2	2	1	1	1	1	1
-30°	2	2	2	2	2	2	1	1	1	1	1
-31.25°	2	2	2	2	2	1	1	1	1	1	1
-32.5°	2	2	2	2	2	1	1	1	1	1	1
-33.75°	2	2	2	2	2	1	1	1	1	1	1
-35°	2	2	2	2	2	1	1	1	1	1	1
-36.25°	2	2	2	2	1	1	1	1	1	1	1
-37.5°	2	2	2	2	1	1	1	1	1	1	1
-38.75°	2	2	2	2	1	1	1	1	1	1	1
-40°	2	2	2	1	1	1	1	1	1	1	1
-41.25°	2	2	2	1	1	1	1	1	1	1	1
-42.5°	2	2	1	1	1	1	1	1	1	1	1
-43.75°	2	2	1	1	1	1	1	1	1	1	1
-45°	2	1	1	1	1	1	1	1	1	1	1
-46.25°	2	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	0
-75°	1	1	1	1	1	1	1	1	0	0	0
-76.25°	1	1	1	1	1	1	1	0	0	0	0
-77.5°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	0	0	0	0	0	0	0
-80°	1	1	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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	0	0	0	0	0	0	0	0	0
67.5°	1	1	1	0	0	0	0	0	0	0	0
66.25°	1	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	0	0	0	0	0	0
63.75°	1	1	1	1	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	0	0	0	0	0	0
58.75°	1	1	1	1	1	0	0	0	0	0	0
57.5°	1	1	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	0	0	0	0	0
55°	1	1	1	1	1	1	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
48.75°	1	1	1	1	1	1	1	0	0	0	0
47.5°	1	1	1	1	1	1	1	0	0	0	0
46.25°	1	1	1	1	1	1	1	0	0	0	0
45°	1	1	1	1	1	1	1	0	0	0	0
43.75°	1	1	1	1	1	1	1	0	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	1	1	0	0	0
32.5°	1	1	1	1	1	1	1	1	0	0	0
31.25°	1	1	1	1	1	1	1	1	0	0	0
30°	1	1	1	1	1	1	1	1	0	0	0
28.75°	1	1	1	1	1	1	1	1	0	0	0
27.5°	1	1	1	1	1	1	1	1	0	0	0
26.25°	1	1	1	1	1	1	1	1	0	0	0
25°	1	1	1	1	1	1	1	1	0	0	0
23.75°	1	1	1	1	1	1	1	1	0	0	0
22.5°	1	1	1	1	1	1	1	1	1	0	0
21.25°	1	1	1	1	1	1	1	1	1	0	0
20°	1	1	1	1	1	1	1	1	1	0	0
18.75°	1	1	1	1	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	1	1	1	1	0	0
16.25°	1	1	1	1	1	1	1	1	1	0	0
15°	1	1	1	1	1	1	1	1	1	0	0
13.75°	1	1	1	1	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	1	1	1	1	0	0
11.25°	1	1	1	1	1	1	1	1	1	0	0
10°	1	1	1	1	1	1	1	1	1	0	0
8.75°	1	1	1	1	1	1	1	1	1	0	0
7.5°	1	1	1	1	1	1	1	1	1	0	0
6.25°	1	1	1	1	1	1	1	1	1	0	0
5°	1	1	1	1	1	1	1	1	1	0	0
3.75°	1	1	1	1	1	1	1	1	1	0	0
2.5°	1	1	1	1	1	1	1	1	1	0	0
1.25°	1	1	1	1	1	1	1	1	1	0	0
0°	1	1	1	1	1	1	1	1	1	0	0
-1.25°	1	1	1	1	1	1	1	1	1	0	0
-2.5°	1	1	1	1	1	1	1	1	1	0	0
-3.75°	1	1	1	1	1	1	1	1	1	0	0
-5°	1	1	1	1	1	1	1	1	1	0	0
-6.25°	1	1	1	1	1	1	1	1	1	0	0
-7.5°	1	1	1	1	1	1	1	1	1	0	0
-8.75°	1	1	1	1	1	1	1	1	1	0	0
-10°	1	1	1	1	1	1	1	1	1	0	0
-11.25°	1	1	1	1	1	1	1	1	1	0	0
-12.5°	1	1	1	1	1	1	1	1	1	0	0
-13.75°	1	1	1	1	1	1	1	1	1	0	0
-15°	1	1	1	1	1	1	1	1	1	0	0
-16.25°	1	1	1	1	1	1	1	1	1	0	0
-17.5°	1	1	1	1	1	1	1	1	1	0	0
-18.75°	1	1	1	1	1	1	1	1	1	0	0
-20°	1	1	1	1	1	1	1	1	1	0	0
-21.25°	1	1	1	1	1	1	1	1	1	0	0





REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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°	1	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	0	0	0
-25°	1	1	1	1	1	1	1	1	0	0	0
-26.25°	1	1	1	1	1	1	1	1	0	0	0
-27.5°	1	1	1	1	1	1	1	1	0	0	0
-28.75°	1	1	1	1	1	1	1	1	0	0	0
-30°	1	1	1	1	1	1	1	1	0	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	1	0	0	0
-33.75°	1	1	1	1	1	1	1	1	0	0	0
-35°	1	1	1	1	1	1	1	1	0	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	0	0	0	0
-45°	1	1	1	1	1	1	1	0	0	0	0
-46.25°	1	1	1	1	1	1	1	0	0	0	0
-47.5°	1	1	1	1	1	1	1	0	0	0	0
-48.75°	1	1	1	1	1	1	1	0	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	1	0	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	0	0	0	0	0	0	0
-65°	1	1	1	1	0	0	0	0	0	0	0
-66.25°	1	1	1	0	0	0	0	0	0	0	0
-67.5°	1	1	1	0	0	0	0	0	0	0	0
-68.75°	1	1	0	0	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	1	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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: P220645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-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)