

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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29478)  
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-F-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, FLOOD  
OPTIC, BLACK HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

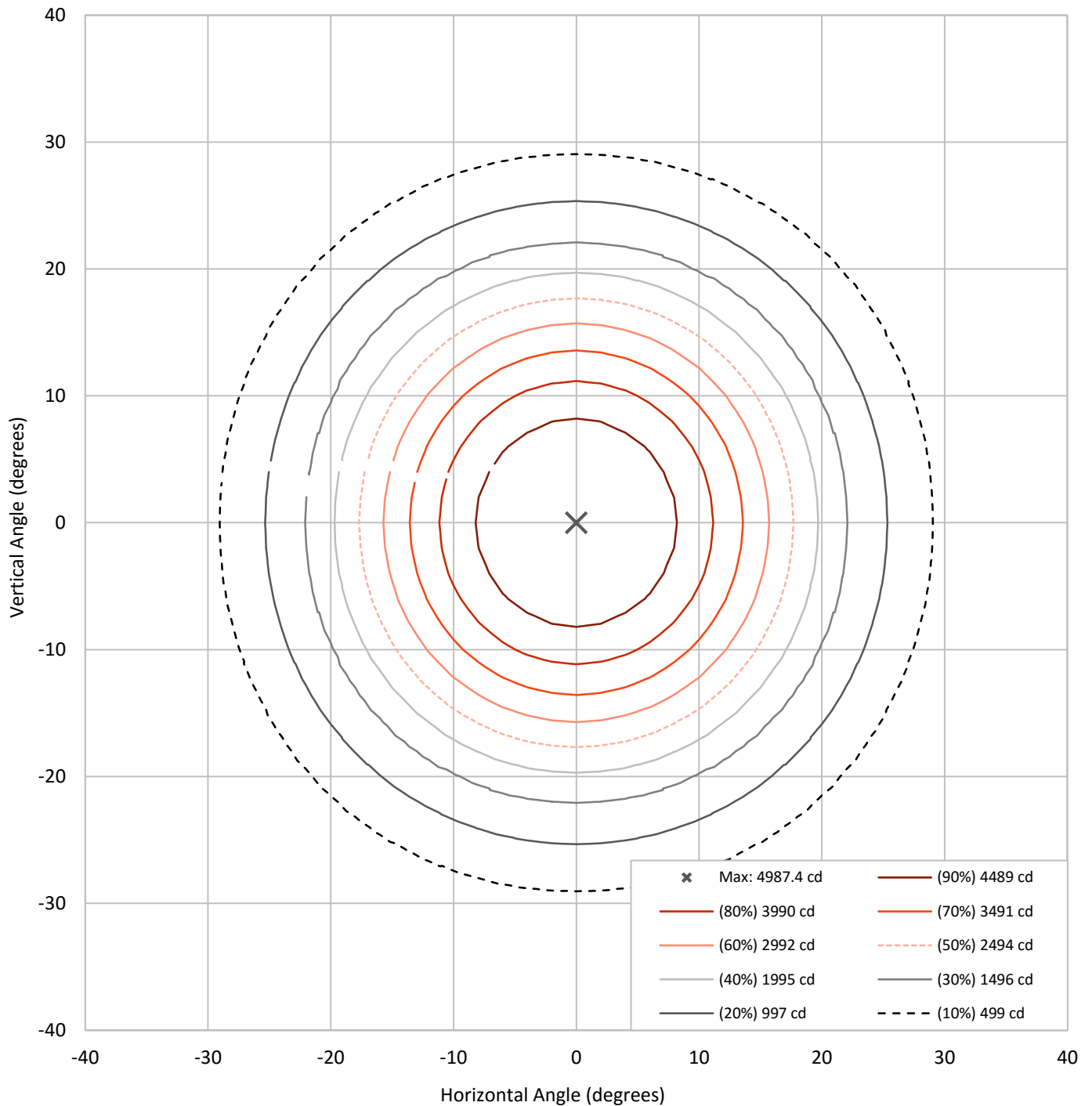
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1855.3 lumens	Max Intensity:	4987.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.4°H x 35.4°V	Field Angle (10%):	58.1°H x 58.1°V
Beam Lumens:	1111.3 lumens	Field Lumens:	1741.6 lumens
Beam Efficiency:	59.9%	Field Efficiency:	93.9%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

### Iso-Candela Plot





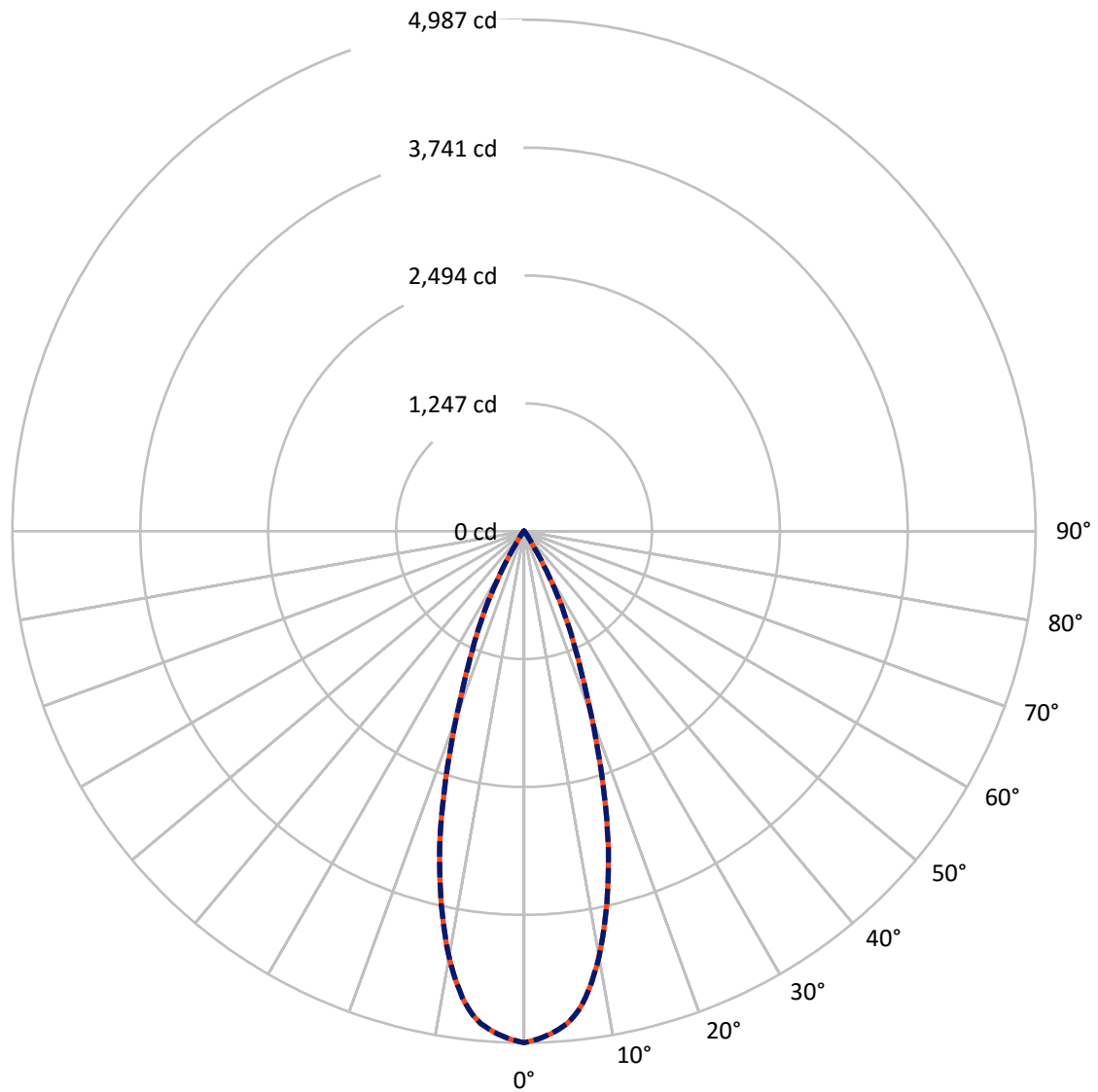
REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

### Lumen Table

90	0.0	0.0	0.1	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
50	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	
40		0.0	0.1	0.1	0.2	0.5	1.6	3.2	3.2	1.6	0.5	0.2	0.1	0.1	0.0
30	0.0	0.0	0.1	0.1	0.5	3.4	16.0	29.7	29.7	16.0	3.4	0.5	0.1	0.1	0.0
20		0.0	0.1	0.2	1.4	15.1	50.7	87.4	87.4	50.7	15.1	1.4	0.2	0.1	0.0
10	0.0	0.0	0.1	0.2	2.7	27.3	85.0	135.8	135.8	85.0	27.3	2.7	0.2	0.1	0.0
0		0.0	0.1	0.2	2.7	27.3	85.0	135.8	135.8	85.0	27.3	2.7	0.2	0.1	0.0
-10	0.0	0.0	0.1	0.2	2.7	27.3	85.0	135.8	135.8	85.0	27.3	2.7	0.2	0.1	0.0
-20		0.0	0.1	0.2	1.4	15.1	50.7	87.4	87.4	50.7	15.1	1.4	0.2	0.1	0.0
-30	0.0	0.0	0.1	0.1	0.5	3.4	16.0	29.7	29.7	16.0	3.4	0.5	0.1	0.1	0.0
-40		0.0	0.1	0.1	0.2	0.5	1.6	3.2	3.2	1.6	0.5	0.2	0.1	0.1	0.0
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	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	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	

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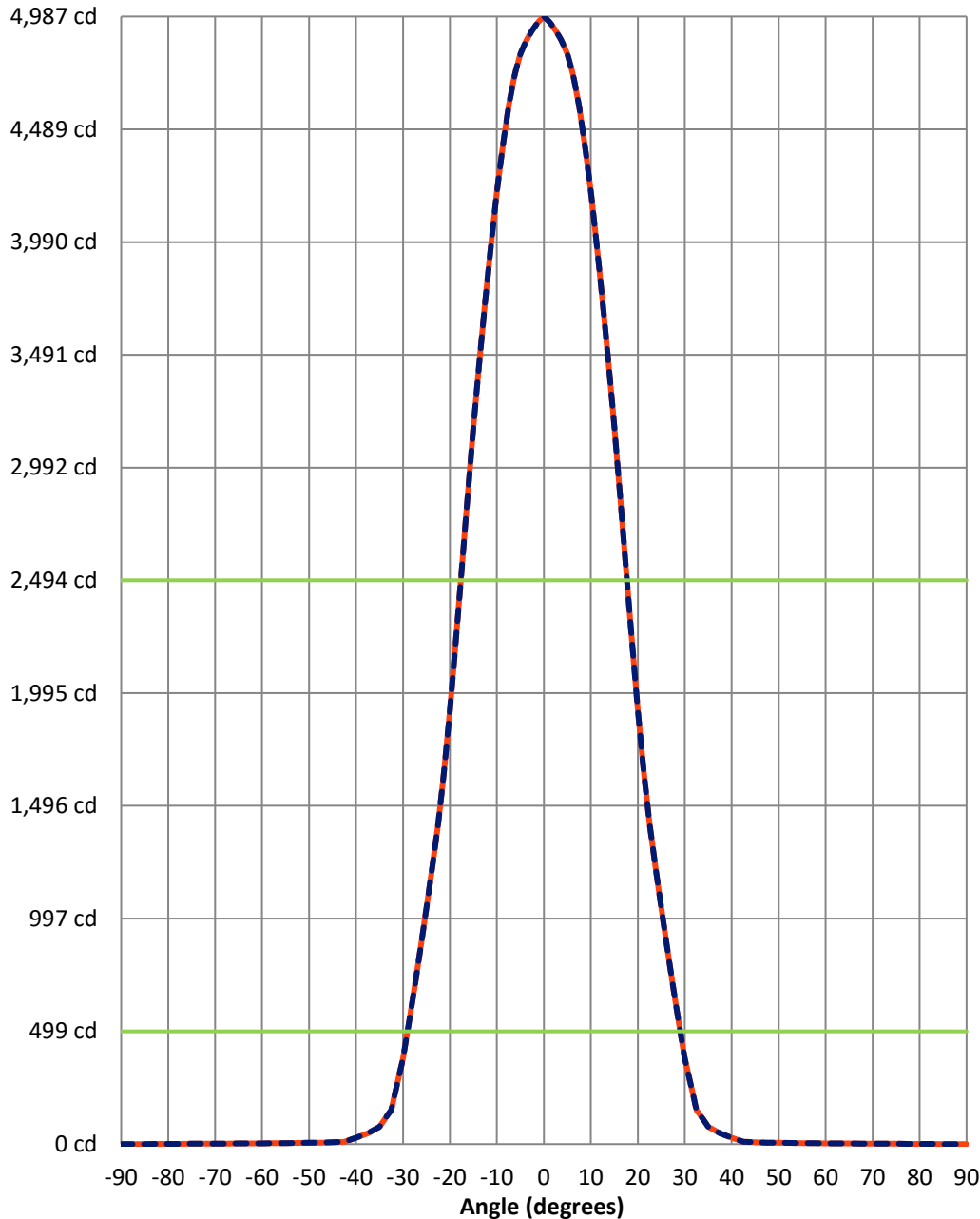
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.4°  
 V Angle: 35.4°  
 Lumens: 1111.3  
 Efficiency: 59.9%

**Field:**  
 H Angle: 58.1°  
 V Angle: 58.1°  
 Lumens: 1741.6  
 Efficiency: 93.9%

**Spill:**  
 Lumens: 113.7  
 Efficiency: 6.1%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	1	1	1	1	1
-30°	0	0	0	0	0	0	1	1	1	1	1
-31.25°	0	0	0	0	0	0	1	1	1	1	1
-32.5°	0	0	0	0	0	0	1	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	1	1	1	1
-43.75°	0	0	0	0	0	0	0	1	1	1	1
-45°	0	0	0	0	0	0	0	0	1	1	1
-46.25°	0	0	0	0	0	0	0	0	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-48.75°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	1	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	1	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-58.75°	0	0	0	0	0	0	0	0	0	0	1
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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	2	2	2	2	2	2	2	2
32.5°	1	1	2	2	2	2	2	2	2	2	2
31.25°	1	1	2	2	2	2	2	2	2	2	2
30°	1	1	2	2	2	2	2	2	2	2	2
28.75°	1	1	2	2	2	2	2	2	2	2	2
27.5°	1	1	2	2	2	2	2	2	2	2	2
26.25°	1	1	2	2	2	2	2	2	2	2	2
25°	1	1	2	2	2	2	2	2	2	2	3
23.75°	1	2	2	2	2	2	2	2	2	2	3
22.5°	1	2	2	2	2	2	2	2	2	2	3
21.25°	1	2	2	2	2	2	2	2	2	2	3
20°	1	2	2	2	2	2	2	2	2	2	3
18.75°	1	2	2	2	2	2	2	2	2	3	3
17.5°	1	2	2	2	2	2	2	2	2	3	3
16.25°	1	2	2	2	2	2	2	2	2	3	3
15°	1	2	2	2	2	2	2	2	2	3	3
13.75°	1	2	2	2	2	2	2	2	2	3	3
12.5°	1	2	2	2	2	2	2	2	2	3	3
11.25°	1	2	2	2	2	2	2	2	2	3	3
10°	1	2	2	2	2	2	2	2	2	3	3
8.75°	1	2	2	2	2	2	2	2	2	3	3
7.5°	1	2	2	2	2	2	2	2	3	3	3
6.25°	2	2	2	2	2	2	2	2	3	3	3
5°	2	2	2	2	2	2	2	2	3	3	3
3.75°	2	2	2	2	2	2	2	2	3	3	3
2.5°	2	2	2	2	2	2	2	2	3	3	3
1.25°	2	2	2	2	2	2	2	2	3	3	3
0°	2	2	2	2	2	2	2	2	3	3	3
-1.25°	2	2	2	2	2	2	2	2	3	3	3
-2.5°	2	2	2	2	2	2	2	2	3	3	3
-3.75°	2	2	2	2	2	2	2	2	3	3	3
-5°	2	2	2	2	2	2	2	2	3	3	3
-6.25°	2	2	2	2	2	2	2	2	3	3	3
-7.5°	1	2	2	2	2	2	2	2	3	3	3
-8.75°	1	2	2	2	2	2	2	2	2	3	3
-10°	1	2	2	2	2	2	2	2	2	3	3
-11.25°	1	2	2	2	2	2	2	2	2	3	3
-12.5°	1	2	2	2	2	2	2	2	2	3	3
-13.75°	1	2	2	2	2	2	2	2	2	3	3
-15°	1	2	2	2	2	2	2	2	2	3	3
-16.25°	1	2	2	2	2	2	2	2	2	3	3
-17.5°	1	2	2	2	2	2	2	2	2	3	3
-18.75°	1	2	2	2	2	2	2	2	2	3	3
-20°	1	2	2	2	2	2	2	2	2	2	3
-21.25°	1	2	2	2	2	2	2	2	2	2	3



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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	2	2	2	2	2	2	2	2	2	3
-23.75°	1	2	2	2	2	2	2	2	2	2	3
-25°	1	1	2	2	2	2	2	2	2	2	3
-26.25°	1	1	2	2	2	2	2	2	2	2	2
-27.5°	1	1	2	2	2	2	2	2	2	2	2
-28.75°	1	1	2	2	2	2	2	2	2	2	2
-30°	1	1	2	2	2	2	2	2	2	2	2
-31.25°	1	1	2	2	2	2	2	2	2	2	2
-32.5°	1	1	2	2	2	2	2	2	2	2	2
-33.75°	1	1	1	2	2	2	2	2	2	2	2
-35°	1	1	1	2	2	2	2	2	2	2	2
-36.25°	1	1	1	2	2	2	2	2	2	2	2
-37.5°	1	1	1	2	2	2	2	2	2	2	2
-38.75°	1	1	1	1	2	2	2	2	2	2	2
-40°	1	1	1	1	2	2	2	2	2	2	2
-41.25°	1	1	1	1	2	2	2	2	2	2	2
-42.5°	1	1	1	1	2	2	2	2	2	2	2
-43.75°	1	1	1	1	1	2	2	2	2	2	2
-45°	1	1	1	1	1	2	2	2	2	2	2
-46.25°	1	1	1	1	1	2	2	2	2	2	2
-47.5°	1	1	1	1	1	1	2	2	2	2	2
-48.75°	1	1	1	1	1	1	2	2	2	2	2
-50°	1	1	1	1	1	1	1	2	2	2	2
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	2	2	2
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	2
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	1	1	1	1	1	1	1	1
-70°	0	0	0	0	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	1	1	1
-75°	0	0	0	0	0	0	0	0	0	1	1
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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	3	3	3	3	3	3	3	3	4	4
32.5°	2	3	3	3	3	3	3	3	3	4	4
31.25°	2	3	3	3	3	3	3	3	4	4	4
30°	3	3	3	3	3	3	3	3	4	4	4
28.75°	3	3	3	3	3	3	3	4	4	4	4
27.5°	3	3	3	3	3	3	3	4	4	4	4
26.25°	3	3	3	3	3	3	4	4	4	4	4
25°	3	3	3	3	3	3	4	4	4	4	4
23.75°	3	3	3	3	3	3	4	4	4	4	5
22.5°	3	3	3	3	3	3	4	4	4	4	5
21.25°	3	3	3	3	3	4	4	4	4	4	5
20°	3	3	3	3	3	4	4	4	4	5	5
18.75°	3	3	3	3	3	4	4	4	4	5	5
17.5°	3	3	3	3	3	4	4	4	4	5	5
16.25°	3	3	3	3	4	4	4	4	5	5	5
15°	3	3	3	3	4	4	4	4	5	5	6
13.75°	3	3	3	3	4	4	4	4	5	5	6
12.5°	3	3	3	3	4	4	4	4	5	5	6
11.25°	3	3	3	3	4	4	4	4	5	5	6
10°	3	3	3	3	4	4	4	4	5	5	6
8.75°	3	3	3	3	4	4	4	5	5	5	6
7.5°	3	3	3	4	4	4	4	5	5	6	6
6.25°	3	3	3	4	4	4	4	5	5	6	6
5°	3	3	3	4	4	4	4	5	5	6	6
3.75°	3	3	3	4	4	4	4	5	5	6	6
2.5°	3	3	3	4	4	4	4	5	5	6	6
1.25°	3	3	3	4	4	4	4	5	5	6	6
0°	3	3	3	4	4	4	4	5	5	6	6
-1.25°	3	3	3	4	4	4	4	5	5	6	6
-2.5°	3	3	3	4	4	4	4	5	5	6	6
-3.75°	3	3	3	4	4	4	4	5	5	6	6
-5°	3	3	3	4	4	4	4	5	5	6	6
-6.25°	3	3	3	4	4	4	4	5	5	6	6
-7.5°	3	3	3	4	4	4	4	5	5	6	6
-8.75°	3	3	3	3	4	4	4	5	5	5	6
-10°	3	3	3	3	4	4	4	4	5	5	6
-11.25°	3	3	3	3	4	4	4	4	5	5	6
-12.5°	3	3	3	3	4	4	4	4	5	5	6
-13.75°	3	3	3	3	4	4	4	4	5	5	6
-15°	3	3	3	3	4	4	4	4	5	5	6
-16.25°	3	3	3	3	4	4	4	4	5	5	5
-17.5°	3	3	3	3	3	4	4	4	4	5	5
-18.75°	3	3	3	3	3	4	4	4	4	5	5
-20°	3	3	3	3	3	4	4	4	4	5	5
-21.25°	3	3	3	3	3	4	4	4	4	4	5





REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	3	3	3	3	3	3	4	4	4	4	5
-23.75°	3	3	3	3	3	3	4	4	4	4	5
-25°	3	3	3	3	3	3	4	4	4	4	4
-26.25°	3	3	3	3	3	3	4	4	4	4	4
-27.5°	3	3	3	3	3	3	3	4	4	4	4
-28.75°	3	3	3	3	3	3	3	4	4	4	4
-30°	3	3	3	3	3	3	3	3	4	4	4
-31.25°	2	3	3	3	3	3	3	3	4	4	4
-32.5°	2	3	3	3	3	3	3	3	3	4	4
-33.75°	2	3	3	3	3	3	3	3	3	4	4
-35°	2	2	3	3	3	3	3	3	3	3	4
-36.25°	2	2	3	3	3	3	3	3	3	3	4
-37.5°	2	2	2	3	3	3	3	3	3	3	3
-38.75°	2	2	2	3	3	3	3	3	3	3	3
-40°	2	2	2	2	3	3	3	3	3	3	3
-41.25°	2	2	2	2	3	3	3	3	3	3	3
-42.5°	2	2	2	2	2	3	3	3	3	3	3
-43.75°	2	2	2	2	2	3	3	3	3	3	3
-45°	2	2	2	2	2	2	3	3	3	3	3
-46.25°	2	2	2	2	2	2	2	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	2	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	1	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	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°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	1	1	1	1	1	1	1	1



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	1	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	0	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	2	2
71.25°	1	1	1	1	1	2	2	2	2	2	2
70°	1	1	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	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	3
58.75°	2	2	2	2	2	2	2	2	3	3	3
57.5°	2	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	2	3	3	3	3	3	3	3
55°	2	2	2	3	3	3	3	3	3	3	3
53.75°	2	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	4
48.75°	3	3	3	3	3	3	3	3	4	4	4
47.5°	3	3	3	3	3	3	3	4	4	4	4
46.25°	3	3	3	3	3	3	4	4	4	4	4
45°	3	3	3	3	3	4	4	4	4	4	4
43.75°	3	3	3	3	4	4	4	4	4	4	4
42.5°	3	3	3	4	4	4	4	4	4	5	5
41.25°	3	3	4	4	4	4	4	4	5	5	5
40°	3	4	4	4	4	4	4	5	5	5	5
38.75°	4	4	4	4	4	4	5	5	5	5	6
37.5°	4	4	4	4	4	5	5	5	5	6	6
36.25°	4	4	4	4	4	5	5	5	6	6	6
35°	4	4	4	4	5	5	5	6	6	6	6



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	4	4	4	5	5	5	6	6	6	6	6
32.5°	4	4	4	5	5	6	6	6	6	6	6
31.25°	4	4	5	5	5	6	6	6	6	6	7
30°	4	5	5	5	6	6	6	6	6	7	8
28.75°	4	5	5	6	6	6	6	6	7	8	8
27.5°	5	5	5	6	6	6	6	6	7	8	9
26.25°	5	5	6	6	6	6	6	7	8	9	9
25°	5	5	6	6	6	6	7	7	8	9	10
23.75°	5	5	6	6	6	6	7	8	9	10	11
22.5°	5	6	6	6	6	7	7	8	9	10	15
21.25°	5	6	6	6	6	7	8	9	10	12	19
20°	6	6	6	6	6	7	8	9	10	15	23
18.75°	6	6	6	6	7	8	9	10	11	19	26
17.5°	6	6	6	6	7	8	9	10	14	22	30
16.25°	6	6	6	6	7	8	9	10	17	25	34
15°	6	6	6	7	8	9	10	12	20	28	37
13.75°	6	6	6	7	8	9	10	14	23	31	40
12.5°	6	6	6	7	8	9	10	17	25	34	43
11.25°	6	6	6	7	8	9	10	19	27	37	46
10°	6	6	7	8	9	10	12	21	29	39	49
8.75°	6	6	7	8	9	10	14	22	31	41	52
7.5°	6	6	7	8	9	10	15	24	33	43	55
6.25°	6	6	7	8	9	10	16	25	35	44	57
5°	6	6	7	8	9	10	17	26	36	46	59
3.75°	6	6	7	8	9	10	18	27	37	47	60
2.5°	6	6	7	8	9	10	19	28	37	47	61
1.25°	6	6	7	8	9	10	19	28	38	48	62
0°	6	6	7	8	9	10	19	28	38	48	62
-1.25°	6	6	7	8	9	10	19	28	38	48	62
-2.5°	6	6	7	8	9	10	19	28	37	47	61
-3.75°	6	6	7	8	9	10	18	27	37	47	60
-5°	6	6	7	8	9	10	17	26	36	46	59
-6.25°	6	6	7	8	9	10	16	25	35	44	57
-7.5°	6	6	7	8	9	10	15	24	33	43	55
-8.75°	6	6	7	8	9	10	14	22	31	41	52
-10°	6	6	7	8	9	10	12	21	29	39	49
-11.25°	6	6	6	7	8	9	10	19	27	37	46
-12.5°	6	6	6	7	8	9	10	17	25	34	43
-13.75°	6	6	6	7	8	9	10	14	23	31	40
-15°	6	6	6	7	8	9	10	12	20	28	37
-16.25°	6	6	6	6	7	8	9	10	17	25	34
-17.5°	6	6	6	6	7	8	9	10	14	22	30
-18.75°	6	6	6	6	7	8	9	10	11	19	26
-20°	6	6	6	6	6	7	8	9	10	15	23
-21.25°	5	6	6	6	6	7	8	9	10	12	19



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	5	6	6	6	6	7	7	8	9	10	15
-23.75°	5	5	6	6	6	6	7	8	9	10	11
-25°	5	5	6	6	6	6	7	7	8	9	10
-26.25°	5	5	6	6	6	6	6	7	8	9	9
-27.5°	5	5	5	6	6	6	6	6	7	8	9
-28.75°	4	5	5	6	6	6	6	6	7	8	8
-30°	4	5	5	5	6	6	6	6	6	7	8
-31.25°	4	4	5	5	5	6	6	6	6	6	7
-32.5°	4	4	4	5	5	6	6	6	6	6	6
-33.75°	4	4	4	5	5	5	6	6	6	6	6
-35°	4	4	4	4	5	5	5	6	6	6	6
-36.25°	4	4	4	4	4	5	5	5	6	6	6
-37.5°	4	4	4	4	4	5	5	5	5	6	6
-38.75°	4	4	4	4	4	4	5	5	5	5	6
-40°	3	4	4	4	4	4	4	5	5	5	5
-41.25°	3	3	4	4	4	4	4	4	5	5	5
-42.5°	3	3	3	4	4	4	4	4	4	5	5
-43.75°	3	3	3	3	4	4	4	4	4	4	4
-45°	3	3	3	3	3	4	4	4	4	4	4
-46.25°	3	3	3	3	3	3	4	4	4	4	4
-47.5°	3	3	3	3	3	3	3	4	4	4	4
-48.75°	3	3	3	3	3	3	3	3	4	4	4
-50°	3	3	3	3	3	3	3	3	3	3	4
-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°	2	3	3	3	3	3	3	3	3	3	3
-55°	2	2	2	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	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	2	2
-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	2	2
73.75°	1	1	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	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	2	2	2	3	3	3	3	3	3	3
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	4	4	4	4
53.75°	3	3	3	3	3	4	4	4	4	4	4
52.5°	3	3	3	4	4	4	4	4	4	4	4
51.25°	3	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	5	5
48.75°	4	4	4	4	4	4	5	5	5	5	5
47.5°	4	4	4	4	5	5	5	5	5	5	6
46.25°	4	4	4	5	5	5	5	6	6	6	6
45°	4	5	5	5	5	6	6	6	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	6	6
42.5°	5	5	6	6	6	6	6	6	6	6	7
41.25°	5	6	6	6	6	6	6	6	7	7	7
40°	6	6	6	6	6	6	6	7	7	8	8
38.75°	6	6	6	6	6	7	7	8	8	9	9
37.5°	6	6	6	6	7	8	8	9	9	10	10
36.25°	6	6	6	7	8	8	9	9	10	11	15
35°	6	7	7	8	8	9	10	10	13	18	22



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	7	7	8	9	9	10	11	15	20	25	30
32.5°	7	8	9	9	10	12	17	22	27	32	37
31.25°	8	9	9	10	12	18	23	28	34	40	45
30°	8	9	10	12	18	24	30	36	42	47	55
28.75°	9	10	12	18	24	30	36	43	49	58	66
27.5°	10	11	17	23	30	36	43	50	59	69	78
26.25°	10	15	22	28	36	43	50	60	70	82	105
25°	13	20	27	34	42	49	59	70	84	108	132
23.75°	18	25	32	40	47	58	69	82	108	134	174
22.5°	22	30	37	45	55	66	78	105	132	174	252
21.25°	26	34	42	52	63	75	100	128	164	247	328
20°	31	39	47	59	71	91	121	150	233	318	409
18.75°	35	43	54	66	80	110	141	209	299	389	505
17.5°	39	48	60	72	97	129	177	270	362	478	602
16.25°	43	53	66	82	114	146	232	328	437	565	697
15°	46	59	72	97	130	185	284	383	514	650	789
13.75°	50	64	77	111	145	232	333	452	590	732	878
12.5°	55	68	90	124	172	276	379	517	661	810	962
11.25°	59	73	101	136	210	316	435	579	729	883	1042
10°	63	77	112	147	245	352	486	636	791	952	1115
8.75°	66	85	121	167	276	386	533	688	848	1013	1182
7.5°	69	93	129	193	303	424	576	734	898	1068	1240
6.25°	71	99	136	215	326	457	612	774	942	1116	1290
5°	73	105	142	233	345	484	642	808	979	1155	1332
3.75°	75	109	146	247	360	505	666	834	1008	1187	1369
2.5°	76	112	149	257	371	521	684	853	1028	1209	1396
1.25°	77	114	151	263	377	531	694	864	1041	1222	1413
0°	77	114	152	265	379	534	698	868	1045	1227	1418
-1.25°	77	114	151	263	377	531	694	864	1041	1222	1413
-2.5°	76	112	149	257	371	521	684	853	1028	1209	1396
-3.75°	75	109	146	247	360	505	666	834	1008	1187	1369
-5°	73	105	142	233	345	484	642	808	979	1155	1332
-6.25°	71	99	136	215	326	457	612	774	942	1116	1290
-7.5°	69	93	129	193	303	424	576	734	898	1068	1240
-8.75°	66	85	121	167	276	386	533	688	848	1013	1182
-10°	63	77	112	147	245	352	486	636	791	952	1115
-11.25°	59	73	101	136	210	316	435	579	729	883	1042
-12.5°	55	68	90	124	172	276	379	517	661	810	962
-13.75°	50	64	77	111	145	232	333	452	590	732	878
-15°	46	59	72	97	130	185	284	383	514	650	789
-16.25°	43	53	66	82	114	146	232	328	437	565	697
-17.5°	39	48	60	72	97	129	177	270	362	478	602
-18.75°	35	43	54	66	80	110	141	209	299	389	505
-20°	31	39	47	59	71	91	121	150	233	318	409
-21.25°	26	34	42	52	63	75	100	128	164	247	328





REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	22	30	37	45	55	66	78	105	132	174	252
-23.75°	18	25	32	40	47	58	69	82	108	134	174
-25°	13	20	27	34	42	49	59	70	84	108	132
-26.25°	10	15	22	28	36	43	50	60	70	82	105
-27.5°	10	11	17	23	30	36	43	50	59	69	78
-28.75°	9	10	12	18	24	30	36	43	49	58	66
-30°	8	9	10	12	18	24	30	36	42	47	55
-31.25°	8	9	9	10	12	18	23	28	34	40	45
-32.5°	7	8	9	9	10	12	17	22	27	32	37
-33.75°	7	7	8	9	9	10	11	15	20	25	30
-35°	6	7	7	8	8	9	10	10	13	18	22
-36.25°	6	6	6	7	8	8	9	9	10	11	15
-37.5°	6	6	6	6	7	8	8	9	9	10	10
-38.75°	6	6	6	6	6	7	7	8	8	9	9
-40°	6	6	6	6	6	6	6	7	7	8	8
-41.25°	5	6	6	6	6	6	6	6	7	7	7
-42.5°	5	5	6	6	6	6	6	6	6	6	7
-43.75°	5	5	5	5	6	6	6	6	6	6	6
-45°	4	5	5	5	5	6	6	6	6	6	6
-46.25°	4	4	4	5	5	5	5	6	6	6	6
-47.5°	4	4	4	4	5	5	5	5	5	5	6
-48.75°	4	4	4	4	4	4	5	5	5	5	5
-50°	4	4	4	4	4	4	4	4	4	5	5
-51.25°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	4	4	4	4	4	4
-55°	3	3	3	3	3	3	3	4	4	4	4
-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	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°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	2	2
-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	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	3	3	3	3	3	3	3	3	3
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°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	5
52.5°	4	4	4	4	5	5	5	5	5	5	5
51.25°	4	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	6	6	6	6	6	6
48.75°	5	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	6	6	6	6	6	6	6	6	6	7	7
45°	6	6	6	6	6	7	7	7	7	8	8
43.75°	6	6	7	7	7	8	8	8	8	9	9
42.5°	7	7	8	8	8	9	9	9	9	10	10
41.25°	8	8	9	9	9	10	10	10	10	12	14
40°	9	9	10	10	10	12	14	17	19	21	22
38.75°	10	10	11	14	17	20	23	25	27	29	31
37.5°	12	15	19	22	25	28	31	34	37	39	41
36.25°	19	23	26	30	34	37	40	43	46	49	52
35°	26	31	35	39	43	46	50	55	59	63	66



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	34	39	43	48	53	59	64	68	73	77	85
32.5°	42	47	54	60	66	72	77	90	101	112	121
31.25°	52	59	66	72	82	97	111	124	136	147	167
30°	63	71	80	97	114	130	145	172	210	245	276
28.75°	75	91	110	129	146	185	232	276	316	352	386
27.5°	100	121	141	177	232	284	333	379	435	486	533
26.25°	128	150	209	270	328	383	452	517	579	636	688
25°	164	233	299	362	437	514	590	661	729	791	848
23.75°	247	318	389	478	565	650	732	810	883	952	1013
22.5°	328	409	505	602	697	789	878	962	1042	1115	1182
21.25°	416	520	624	729	831	930	1026	1117	1202	1279	1351
20°	520	632	745	856	966	1072	1175	1270	1363	1456	1549
18.75°	624	745	865	984	1101	1213	1320	1433	1548	1666	1782
17.5°	729	856	984	1110	1233	1352	1481	1621	1764	1904	2041
16.25°	831	966	1101	1233	1364	1506	1666	1833	2000	2161	2312
15°	930	1072	1213	1352	1506	1681	1868	2058	2244	2420	2589
13.75°	1026	1175	1320	1481	1666	1868	2078	2287	2490	2685	2862
12.5°	1117	1270	1433	1621	1833	2058	2287	2513	2733	2937	3120
11.25°	1202	1363	1548	1764	2000	2244	2490	2733	2961	3171	3352
10°	1279	1456	1666	1904	2161	2420	2685	2937	3171	3378	3566
8.75°	1351	1549	1782	2041	2312	2589	2862	3120	3352	3566	3758
7.5°	1422	1638	1890	2165	2449	2739	3018	3277	3514	3732	3929
6.25°	1483	1717	1987	2275	2572	2870	3154	3413	3655	3875	4078
5°	1540	1790	2071	2367	2675	2978	3262	3524	3769	3996	4201
3.75°	1587	1847	2137	2441	2756	3062	3347	3614	3860	4090	4293
2.5°	1622	1888	2185	2496	2815	3124	3409	3676	3926	4157	4362
1.25°	1642	1913	2215	2530	2851	3161	3445	3714	3966	4199	4402
0°	1649	1922	2225	2541	2863	3174	3458	3727	3980	4214	4415
-1.25°	1642	1913	2215	2530	2851	3161	3445	3714	3966	4199	4402
-2.5°	1622	1888	2185	2496	2815	3124	3409	3676	3926	4157	4362
-3.75°	1587	1847	2137	2441	2756	3062	3347	3614	3860	4090	4293
-5°	1540	1790	2071	2367	2675	2978	3262	3524	3769	3996	4201
-6.25°	1483	1717	1987	2275	2572	2870	3154	3413	3655	3875	4078
-7.5°	1422	1638	1890	2165	2449	2739	3018	3277	3514	3732	3929
-8.75°	1351	1549	1782	2041	2312	2589	2862	3120	3352	3566	3758
-10°	1279	1456	1666	1904	2161	2420	2685	2937	3171	3378	3566
-11.25°	1202	1363	1548	1764	2000	2244	2490	2733	2961	3171	3352
-12.5°	1117	1270	1433	1621	1833	2058	2287	2513	2733	2937	3120
-13.75°	1026	1175	1320	1481	1666	1868	2078	2287	2490	2685	2862
-15°	930	1072	1213	1352	1506	1681	1868	2058	2244	2420	2589
-16.25°	831	966	1101	1233	1364	1506	1666	1833	2000	2161	2312
-17.5°	729	856	984	1110	1233	1352	1481	1621	1764	1904	2041
-18.75°	624	745	865	984	1101	1213	1320	1433	1548	1666	1782
-20°	520	632	745	856	966	1072	1175	1270	1363	1456	1549
-21.25°	416	520	624	729	831	930	1026	1117	1202	1279	1351



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	328	409	505	602	697	789	878	962	1042	1115	1182
-23.75°	247	318	389	478	565	650	732	810	883	952	1013
-25°	164	233	299	362	437	514	590	661	729	791	848
-26.25°	128	150	209	270	328	383	452	517	579	636	688
-27.5°	100	121	141	177	232	284	333	379	435	486	533
-28.75°	75	91	110	129	146	185	232	276	316	352	386
-30°	63	71	80	97	114	130	145	172	210	245	276
-31.25°	52	59	66	72	82	97	111	124	136	147	167
-32.5°	42	47	54	60	66	72	77	90	101	112	121
-33.75°	34	39	43	48	53	59	64	68	73	77	85
-35°	26	31	35	39	43	46	50	55	59	63	66
-36.25°	19	23	26	30	34	37	40	43	46	49	52
-37.5°	12	15	19	22	25	28	31	34	37	39	41
-38.75°	10	10	11	14	17	20	23	25	27	29	31
-40°	9	9	10	10	10	12	14	17	19	21	22
-41.25°	8	8	9	9	9	10	10	10	10	12	14
-42.5°	7	7	8	8	8	9	9	9	9	10	10
-43.75°	6	6	7	7	7	8	8	8	8	9	9
-45°	6	6	6	6	6	7	7	7	7	8	8
-46.25°	6	6	6	6	6	6	6	6	6	7	7
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	5	6	6	6	6	6	6	6	6	6	6
-50°	5	5	5	5	5	6	6	6	6	6	6
-51.25°	4	5	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	4	4	4	4	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	4	4	4	4	4	4	4
-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°	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	3	3	3	3	3	3	3	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	1	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	7	7	7	7	7	7	7	7	7	7	7
45°	8	8	8	8	8	8	8	8	8	8	8
43.75°	9	9	9	9	9	9	9	9	9	9	9
42.5°	10	10	10	10	10	10	10	10	10	10	10
41.25°	15	16	17	18	19	19	19	19	19	18	17
40°	24	25	26	27	28	28	28	28	28	27	26
38.75°	33	35	36	37	37	38	38	38	37	37	36
37.5°	43	44	46	47	47	48	48	48	47	47	46
36.25°	55	57	59	60	61	62	62	62	61	60	59
35°	69	71	73	75	76	77	77	77	76	75	73



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	93	99	105	109	112	114	114	114	112	109	105
32.5°	129	136	142	146	149	151	152	151	149	146	142
31.25°	193	215	233	247	257	263	265	263	257	247	233
30°	303	326	345	360	371	377	379	377	371	360	345
28.75°	424	457	484	505	521	531	534	531	521	505	484
27.5°	576	612	642	666	684	694	698	694	684	666	642
26.25°	734	774	808	834	853	864	868	864	853	834	808
25°	898	942	979	1008	1028	1041	1045	1041	1028	1008	979
23.75°	1068	1116	1155	1187	1209	1222	1227	1222	1209	1187	1155
22.5°	1240	1290	1332	1369	1396	1413	1418	1413	1396	1369	1332
21.25°	1422	1483	1540	1587	1622	1642	1649	1642	1622	1587	1540
20°	1638	1717	1790	1847	1888	1913	1922	1913	1888	1847	1790
18.75°	1890	1987	2071	2137	2185	2215	2225	2215	2185	2137	2071
17.5°	2165	2275	2367	2441	2496	2530	2541	2530	2496	2441	2367
16.25°	2449	2572	2675	2756	2815	2851	2863	2851	2815	2756	2675
15°	2739	2870	2978	3062	3124	3161	3174	3161	3124	3062	2978
13.75°	3018	3154	3262	3347	3409	3445	3458	3445	3409	3347	3262
12.5°	3277	3413	3524	3614	3676	3714	3727	3714	3676	3614	3524
11.25°	3514	3655	3769	3860	3926	3966	3980	3966	3926	3860	3769
10°	3732	3875	3996	4090	4157	4199	4214	4199	4157	4090	3996
8.75°	3929	4078	4201	4293	4362	4402	4415	4402	4362	4293	4201
7.5°	4105	4254	4377	4470	4539	4578	4591	4578	4539	4470	4377
6.25°	4254	4403	4527	4618	4681	4716	4728	4716	4681	4618	4527
5°	4377	4527	4646	4728	4781	4811	4821	4811	4781	4728	4646
3.75°	4470	4618	4728	4801	4846	4874	4882	4874	4846	4801	4728
2.5°	4539	4681	4781	4846	4890	4917	4926	4917	4890	4846	4781
1.25°	4578	4716	4811	4874	4917	4947	4963	4947	4917	4874	4811
0°	4591	4728	4821	4882	4926	4963	4987	4963	4926	4882	4821
-1.25°	4578	4716	4811	4874	4917	4947	4963	4947	4917	4874	4811
-2.5°	4539	4681	4781	4846	4890	4917	4926	4917	4890	4846	4781
-3.75°	4470	4618	4728	4801	4846	4874	4882	4874	4846	4801	4728
-5°	4377	4527	4646	4728	4781	4811	4821	4811	4781	4728	4646
-6.25°	4254	4403	4527	4618	4681	4716	4728	4716	4681	4618	4527
-7.5°	4105	4254	4377	4470	4539	4578	4591	4578	4539	4470	4377
-8.75°	3929	4078	4201	4293	4362	4402	4415	4402	4362	4293	4201
-10°	3732	3875	3996	4090	4157	4199	4214	4199	4157	4090	3996
-11.25°	3514	3655	3769	3860	3926	3966	3980	3966	3926	3860	3769
-12.5°	3277	3413	3524	3614	3676	3714	3727	3714	3676	3614	3524
-13.75°	3018	3154	3262	3347	3409	3445	3458	3445	3409	3347	3262
-15°	2739	2870	2978	3062	3124	3161	3174	3161	3124	3062	2978
-16.25°	2449	2572	2675	2756	2815	2851	2863	2851	2815	2756	2675
-17.5°	2165	2275	2367	2441	2496	2530	2541	2530	2496	2441	2367
-18.75°	1890	1987	2071	2137	2185	2215	2225	2215	2185	2137	2071
-20°	1638	1717	1790	1847	1888	1913	1922	1913	1888	1847	1790
-21.25°	1422	1483	1540	1587	1622	1642	1649	1642	1622	1587	1540





REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	1240	1290	1332	1369	1396	1413	1418	1413	1396	1369	1332
-23.75°	1068	1116	1155	1187	1209	1222	1227	1222	1209	1187	1155
-25°	898	942	979	1008	1028	1041	1045	1041	1028	1008	979
-26.25°	734	774	808	834	853	864	868	864	853	834	808
-27.5°	576	612	642	666	684	694	698	694	684	666	642
-28.75°	424	457	484	505	521	531	534	531	521	505	484
-30°	303	326	345	360	371	377	379	377	371	360	345
-31.25°	193	215	233	247	257	263	265	263	257	247	233
-32.5°	129	136	142	146	149	151	152	151	149	146	142
-33.75°	93	99	105	109	112	114	114	114	112	109	105
-35°	69	71	73	75	76	77	77	77	76	75	73
-36.25°	55	57	59	60	61	62	62	62	61	60	59
-37.5°	43	44	46	47	47	48	48	48	47	47	46
-38.75°	33	35	36	37	37	38	38	38	37	37	36
-40°	24	25	26	27	28	28	28	28	28	27	26
-41.25°	15	16	17	18	19	19	19	19	19	18	17
-42.5°	10	10	10	10	10	10	10	10	10	10	10
-43.75°	9	9	9	9	9	9	9	9	9	9	9
-45°	8	8	8	8	8	8	8	8	8	8	8
-46.25°	7	7	7	7	7	7	7	7	7	7	7
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	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	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°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	1	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	2	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
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	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	3	3
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	5	5	5	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	5	4	4
51.25°	6	6	5	5	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	6	5	5	5
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	7	7	7	7	6	6	6	6	6	6	6
45°	8	8	8	8	7	7	7	7	6	6	6
43.75°	9	9	9	9	8	8	8	8	7	7	7
42.5°	10	10	10	10	9	9	9	9	8	8	8
41.25°	16	15	14	12	10	10	10	10	9	9	9
40°	25	24	22	21	19	17	14	12	10	10	10
38.75°	35	33	31	29	27	25	23	20	17	14	11
37.5°	44	43	41	39	37	34	31	28	25	22	19
36.25°	57	55	52	49	46	43	40	37	34	30	26
35°	71	69	66	63	59	55	50	46	43	39	35



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	99	93	85	77	73	68	64	59	53	48	43
32.5°	136	129	121	112	101	90	77	72	66	60	54
31.25°	215	193	167	147	136	124	111	97	82	72	66
30°	326	303	276	245	210	172	145	130	114	97	80
28.75°	457	424	386	352	316	276	232	185	146	129	110
27.5°	612	576	533	486	435	379	333	284	232	177	141
26.25°	774	734	688	636	579	517	452	383	328	270	209
25°	942	898	848	791	729	661	590	514	437	362	299
23.75°	1116	1068	1013	952	883	810	732	650	565	478	389
22.5°	1290	1240	1182	1115	1042	962	878	789	697	602	505
21.25°	1483	1422	1351	1279	1202	1117	1026	930	831	729	624
20°	1717	1638	1549	1456	1363	1270	1175	1072	966	856	745
18.75°	1987	1890	1782	1666	1548	1433	1320	1213	1101	984	865
17.5°	2275	2165	2041	1904	1764	1621	1481	1352	1233	1110	984
16.25°	2572	2449	2312	2161	2000	1833	1666	1506	1364	1233	1101
15°	2870	2739	2589	2420	2244	2058	1868	1681	1506	1352	1213
13.75°	3154	3018	2862	2685	2490	2287	2078	1868	1666	1481	1320
12.5°	3413	3277	3120	2937	2733	2513	2287	2058	1833	1621	1433
11.25°	3655	3514	3352	3171	2961	2733	2490	2244	2000	1764	1548
10°	3875	3732	3566	3378	3171	2937	2685	2420	2161	1904	1666
8.75°	4078	3929	3758	3566	3352	3120	2862	2589	2312	2041	1782
7.5°	4254	4105	3929	3732	3514	3277	3018	2739	2449	2165	1890
6.25°	4403	4254	4078	3875	3655	3413	3154	2870	2572	2275	1987
5°	4527	4377	4201	3996	3769	3524	3262	2978	2675	2367	2071
3.75°	4618	4470	4293	4090	3860	3614	3347	3062	2756	2441	2137
2.5°	4681	4539	4362	4157	3926	3676	3409	3124	2815	2496	2185
1.25°	4716	4578	4402	4199	3966	3714	3445	3161	2851	2530	2215
0°	4728	4591	4415	4214	3980	3727	3458	3174	2863	2541	2225
-1.25°	4716	4578	4402	4199	3966	3714	3445	3161	2851	2530	2215
-2.5°	4681	4539	4362	4157	3926	3676	3409	3124	2815	2496	2185
-3.75°	4618	4470	4293	4090	3860	3614	3347	3062	2756	2441	2137
-5°	4527	4377	4201	3996	3769	3524	3262	2978	2675	2367	2071
-6.25°	4403	4254	4078	3875	3655	3413	3154	2870	2572	2275	1987
-7.5°	4254	4105	3929	3732	3514	3277	3018	2739	2449	2165	1890
-8.75°	4078	3929	3758	3566	3352	3120	2862	2589	2312	2041	1782
-10°	3875	3732	3566	3378	3171	2937	2685	2420	2161	1904	1666
-11.25°	3655	3514	3352	3171	2961	2733	2490	2244	2000	1764	1548
-12.5°	3413	3277	3120	2937	2733	2513	2287	2058	1833	1621	1433
-13.75°	3154	3018	2862	2685	2490	2287	2078	1868	1666	1481	1320
-15°	2870	2739	2589	2420	2244	2058	1868	1681	1506	1352	1213
-16.25°	2572	2449	2312	2161	2000	1833	1666	1506	1364	1233	1101
-17.5°	2275	2165	2041	1904	1764	1621	1481	1352	1233	1110	984
-18.75°	1987	1890	1782	1666	1548	1433	1320	1213	1101	984	865
-20°	1717	1638	1549	1456	1363	1270	1175	1072	966	856	745
-21.25°	1483	1422	1351	1279	1202	1117	1026	930	831	729	624



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	1290	1240	1182	1115	1042	962	878	789	697	602	505
-23.75°	1116	1068	1013	952	883	810	732	650	565	478	389
-25°	942	898	848	791	729	661	590	514	437	362	299
-26.25°	774	734	688	636	579	517	452	383	328	270	209
-27.5°	612	576	533	486	435	379	333	284	232	177	141
-28.75°	457	424	386	352	316	276	232	185	146	129	110
-30°	326	303	276	245	210	172	145	130	114	97	80
-31.25°	215	193	167	147	136	124	111	97	82	72	66
-32.5°	136	129	121	112	101	90	77	72	66	60	54
-33.75°	99	93	85	77	73	68	64	59	53	48	43
-35°	71	69	66	63	59	55	50	46	43	39	35
-36.25°	57	55	52	49	46	43	40	37	34	30	26
-37.5°	44	43	41	39	37	34	31	28	25	22	19
-38.75°	35	33	31	29	27	25	23	20	17	14	11
-40°	25	24	22	21	19	17	14	12	10	10	10
-41.25°	16	15	14	12	10	10	10	10	9	9	9
-42.5°	10	10	10	10	9	9	9	9	8	8	8
-43.75°	9	9	9	9	8	8	8	8	7	7	7
-45°	8	8	8	8	7	7	7	7	6	6	6
-46.25°	7	7	7	7	6	6	6	6	6	6	6
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	5	5	5
-51.25°	6	6	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	4	4
-53.75°	5	5	5	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	3	3
-58.75°	4	4	3	3	3	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	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	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	2	2
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	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	3
51.25°	5	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	4	4	4	4	4	4	4
48.75°	6	5	5	5	5	5	5	4	4	4	4
47.5°	6	6	6	5	5	5	5	5	5	4	4
46.25°	6	6	6	6	6	6	5	5	5	5	4
45°	6	6	6	6	6	6	6	6	5	5	5
43.75°	6	6	6	6	6	6	6	6	6	5	5
42.5°	7	7	7	6	6	6	6	6	6	6	6
41.25°	8	8	7	7	7	6	6	6	6	6	6
40°	9	9	8	8	7	7	6	6	6	6	6
38.75°	10	10	9	9	8	8	7	7	6	6	6
37.5°	15	12	10	10	9	9	8	8	7	6	6
36.25°	23	19	15	11	10	9	9	8	8	7	6
35°	31	26	22	18	13	10	10	9	8	8	7



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	39	34	30	25	20	15	11	10	9	9	8
32.5°	47	42	37	32	27	22	17	12	10	9	9
31.25°	59	52	45	40	34	28	23	18	12	10	9
30°	71	63	55	47	42	36	30	24	18	12	10
28.75°	91	75	66	58	49	43	36	30	24	18	12
27.5°	121	100	78	69	59	50	43	36	30	23	17
26.25°	150	128	105	82	70	60	50	43	36	28	22
25°	233	164	132	108	84	70	59	49	42	34	27
23.75°	318	247	174	134	108	82	69	58	47	40	32
22.5°	409	328	252	174	132	105	78	66	55	45	37
21.25°	520	416	328	247	164	128	100	75	63	52	42
20°	632	520	409	318	233	150	121	91	71	59	47
18.75°	745	624	505	389	299	209	141	110	80	66	54
17.5°	856	729	602	478	362	270	177	129	97	72	60
16.25°	966	831	697	565	437	328	232	146	114	82	66
15°	1072	930	789	650	514	383	284	185	130	97	72
13.75°	1175	1026	878	732	590	452	333	232	145	111	77
12.5°	1270	1117	962	810	661	517	379	276	172	124	90
11.25°	1363	1202	1042	883	729	579	435	316	210	136	101
10°	1456	1279	1115	952	791	636	486	352	245	147	112
8.75°	1549	1351	1182	1013	848	688	533	386	276	167	121
7.5°	1638	1422	1240	1068	898	734	576	424	303	193	129
6.25°	1717	1483	1290	1116	942	774	612	457	326	215	136
5°	1790	1540	1332	1155	979	808	642	484	345	233	142
3.75°	1847	1587	1369	1187	1008	834	666	505	360	247	146
2.5°	1888	1622	1396	1209	1028	853	684	521	371	257	149
1.25°	1913	1642	1413	1222	1041	864	694	531	377	263	151
0°	1922	1649	1418	1227	1045	868	698	534	379	265	152
-1.25°	1913	1642	1413	1222	1041	864	694	531	377	263	151
-2.5°	1888	1622	1396	1209	1028	853	684	521	371	257	149
-3.75°	1847	1587	1369	1187	1008	834	666	505	360	247	146
-5°	1790	1540	1332	1155	979	808	642	484	345	233	142
-6.25°	1717	1483	1290	1116	942	774	612	457	326	215	136
-7.5°	1638	1422	1240	1068	898	734	576	424	303	193	129
-8.75°	1549	1351	1182	1013	848	688	533	386	276	167	121
-10°	1456	1279	1115	952	791	636	486	352	245	147	112
-11.25°	1363	1202	1042	883	729	579	435	316	210	136	101
-12.5°	1270	1117	962	810	661	517	379	276	172	124	90
-13.75°	1175	1026	878	732	590	452	333	232	145	111	77
-15°	1072	930	789	650	514	383	284	185	130	97	72
-16.25°	966	831	697	565	437	328	232	146	114	82	66
-17.5°	856	729	602	478	362	270	177	129	97	72	60
-18.75°	745	624	505	389	299	209	141	110	80	66	54
-20°	632	520	409	318	233	150	121	91	71	59	47
-21.25°	520	416	328	247	164	128	100	75	63	52	42





REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	409	328	252	174	132	105	78	66	55	45	37
-23.75°	318	247	174	134	108	82	69	58	47	40	32
-25°	233	164	132	108	84	70	59	49	42	34	27
-26.25°	150	128	105	82	70	60	50	43	36	28	22
-27.5°	121	100	78	69	59	50	43	36	30	23	17
-28.75°	91	75	66	58	49	43	36	30	24	18	12
-30°	71	63	55	47	42	36	30	24	18	12	10
-31.25°	59	52	45	40	34	28	23	18	12	10	9
-32.5°	47	42	37	32	27	22	17	12	10	9	9
-33.75°	39	34	30	25	20	15	11	10	9	9	8
-35°	31	26	22	18	13	10	10	9	8	8	7
-36.25°	23	19	15	11	10	9	9	8	8	7	6
-37.5°	15	12	10	10	9	9	8	8	7	6	6
-38.75°	10	10	9	9	8	8	7	7	6	6	6
-40°	9	9	8	8	7	7	6	6	6	6	6
-41.25°	8	8	7	7	7	6	6	6	6	6	6
-42.5°	7	7	7	6	6	6	6	6	6	6	6
-43.75°	6	6	6	6	6	6	6	6	6	5	5
-45°	6	6	6	6	6	6	6	6	5	5	5
-46.25°	6	6	6	6	6	6	5	5	5	5	4
-47.5°	6	6	6	5	5	5	5	5	5	4	4
-48.75°	6	5	5	5	5	5	5	4	4	4	4
-50°	5	5	5	5	4	4	4	4	4	4	4
-51.25°	5	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	3
-53.75°	4	4	4	4	4	4	4	4	3	3	3
-55°	4	4	4	4	4	4	3	3	3	3	3
-56.25°	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	2	2
-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	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	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°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	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	2
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°	4	3	3	3	3	3	3	3	3	3	3
50°	4	4	4	3	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	3	3	3	3	3
46.25°	4	4	4	4	4	4	4	3	3	3	3
45°	5	4	4	4	4	4	4	4	3	3	3
43.75°	5	5	4	4	4	4	4	4	4	3	3
42.5°	5	5	5	5	4	4	4	4	4	4	3
41.25°	6	5	5	5	5	4	4	4	4	4	4
40°	6	6	5	5	5	5	4	4	4	4	4
38.75°	6	6	6	5	5	5	5	4	4	4	4
37.5°	6	6	6	6	5	5	5	5	4	4	4
36.25°	6	6	6	6	6	5	5	5	4	4	4
35°	7	6	6	6	6	6	5	5	5	4	4



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	7	7	6	6	6	6	6	5	5	5	4
32.5°	8	7	6	6	6	6	6	6	5	5	4
31.25°	9	8	7	6	6	6	6	6	5	5	5
30°	9	8	8	7	6	6	6	6	6	5	5
28.75°	10	9	8	8	7	6	6	6	6	6	5
27.5°	11	10	9	8	7	6	6	6	6	6	5
26.25°	15	10	9	9	8	7	6	6	6	6	6
25°	20	13	10	9	8	7	7	6	6	6	6
23.75°	25	18	11	10	9	8	7	6	6	6	6
22.5°	30	22	15	10	9	8	7	7	6	6	6
21.25°	34	26	19	12	10	9	8	7	6	6	6
20°	39	31	23	15	10	9	8	7	6	6	6
18.75°	43	35	26	19	11	10	9	8	7	6	6
17.5°	48	39	30	22	14	10	9	8	7	6	6
16.25°	53	43	34	25	17	10	9	8	7	6	6
15°	59	46	37	28	20	12	10	9	8	7	6
13.75°	64	50	40	31	23	14	10	9	8	7	6
12.5°	68	55	43	34	25	17	10	9	8	7	6
11.25°	73	59	46	37	27	19	10	9	8	7	6
10°	77	63	49	39	29	21	12	10	9	8	7
8.75°	85	66	52	41	31	22	14	10	9	8	7
7.5°	93	69	55	43	33	24	15	10	9	8	7
6.25°	99	71	57	44	35	25	16	10	9	8	7
5°	105	73	59	46	36	26	17	10	9	8	7
3.75°	109	75	60	47	37	27	18	10	9	8	7
2.5°	112	76	61	47	37	28	19	10	9	8	7
1.25°	114	77	62	48	38	28	19	10	9	8	7
0°	114	77	62	48	38	28	19	10	9	8	7
-1.25°	114	77	62	48	38	28	19	10	9	8	7
-2.5°	112	76	61	47	37	28	19	10	9	8	7
-3.75°	109	75	60	47	37	27	18	10	9	8	7
-5°	105	73	59	46	36	26	17	10	9	8	7
-6.25°	99	71	57	44	35	25	16	10	9	8	7
-7.5°	93	69	55	43	33	24	15	10	9	8	7
-8.75°	85	66	52	41	31	22	14	10	9	8	7
-10°	77	63	49	39	29	21	12	10	9	8	7
-11.25°	73	59	46	37	27	19	10	9	8	7	6
-12.5°	68	55	43	34	25	17	10	9	8	7	6
-13.75°	64	50	40	31	23	14	10	9	8	7	6
-15°	59	46	37	28	20	12	10	9	8	7	6
-16.25°	53	43	34	25	17	10	9	8	7	6	6
-17.5°	48	39	30	22	14	10	9	8	7	6	6
-18.75°	43	35	26	19	11	10	9	8	7	6	6
-20°	39	31	23	15	10	9	8	7	6	6	6
-21.25°	34	26	19	12	10	9	8	7	6	6	6



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	30	22	15	10	9	8	7	7	6	6	6
-23.75°	25	18	11	10	9	8	7	6	6	6	6
-25°	20	13	10	9	8	7	7	6	6	6	6
-26.25°	15	10	9	9	8	7	6	6	6	6	6
-27.5°	11	10	9	8	7	6	6	6	6	6	5
-28.75°	10	9	8	8	7	6	6	6	6	6	5
-30°	9	8	8	7	6	6	6	6	6	5	5
-31.25°	9	8	7	6	6	6	6	6	5	5	5
-32.5°	8	7	6	6	6	6	6	6	5	5	4
-33.75°	7	7	6	6	6	6	6	5	5	5	4
-35°	7	6	6	6	6	6	5	5	5	4	4
-36.25°	6	6	6	6	6	5	5	5	4	4	4
-37.5°	6	6	6	6	5	5	5	5	4	4	4
-38.75°	6	6	6	5	5	5	5	4	4	4	4
-40°	6	6	5	5	5	5	4	4	4	4	4
-41.25°	6	5	5	5	5	4	4	4	4	4	4
-42.5°	5	5	5	5	4	4	4	4	4	4	3
-43.75°	5	5	4	4	4	4	4	4	4	3	3
-45°	5	4	4	4	4	4	4	4	3	3	3
-46.25°	4	4	4	4	4	4	4	3	3	3	3
-47.5°	4	4	4	4	4	4	3	3	3	3	3
-48.75°	4	4	4	4	4	3	3	3	3	3	3
-50°	4	4	4	3	3	3	3	3	3	3	3
-51.25°	4	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	2
-56.25°	3	3	3	3	3	3	3	3	3	2	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	2	2	2	2	2	2
-60°	3	3	3	2	2	2	2	2	2	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	2	2
-71.25°	2	2	2	2	2	2	2	2	1	1	1
-72.5°	2	2	2	2	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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	4	4	4	4	3	3	3	3	3	3	3
32.5°	4	4	4	4	3	3	3	3	3	3	3
31.25°	4	4	4	4	4	3	3	3	3	3	3
30°	5	4	4	4	4	3	3	3	3	3	3
28.75°	5	4	4	4	4	4	3	3	3	3	3
27.5°	5	5	4	4	4	4	3	3	3	3	3
26.25°	5	5	4	4	4	4	4	3	3	3	3
25°	5	5	4	4	4	4	4	3	3	3	3
23.75°	5	5	5	4	4	4	4	3	3	3	3
22.5°	6	5	5	4	4	4	4	3	3	3	3
21.25°	6	5	5	4	4	4	4	4	3	3	3
20°	6	6	5	5	4	4	4	4	3	3	3
18.75°	6	6	5	5	4	4	4	4	3	3	3
17.5°	6	6	5	5	4	4	4	4	3	3	3
16.25°	6	6	5	5	5	4	4	4	4	3	3
15°	6	6	6	5	5	4	4	4	4	3	3
13.75°	6	6	6	5	5	4	4	4	4	3	3
12.5°	6	6	6	5	5	4	4	4	4	3	3
11.25°	6	6	6	5	5	4	4	4	4	3	3
10°	6	6	6	5	5	4	4	4	4	3	3
8.75°	6	6	6	5	5	5	4	4	4	3	3
7.5°	6	6	6	6	5	5	4	4	4	4	3
6.25°	6	6	6	6	5	5	4	4	4	4	3
5°	6	6	6	6	5	5	4	4	4	4	3
3.75°	6	6	6	6	5	5	4	4	4	4	3
2.5°	6	6	6	6	5	5	4	4	4	4	3
1.25°	6	6	6	6	5	5	4	4	4	4	3
0°	6	6	6	6	5	5	4	4	4	4	3
-1.25°	6	6	6	6	5	5	4	4	4	4	3
-2.5°	6	6	6	6	5	5	4	4	4	4	3
-3.75°	6	6	6	6	5	5	4	4	4	4	3
-5°	6	6	6	6	5	5	4	4	4	4	3
-6.25°	6	6	6	6	5	5	4	4	4	4	3
-7.5°	6	6	6	6	5	5	4	4	4	4	3
-8.75°	6	6	6	5	5	5	4	4	4	3	3
-10°	6	6	6	5	5	4	4	4	4	3	3
-11.25°	6	6	6	5	5	4	4	4	4	3	3
-12.5°	6	6	6	5	5	4	4	4	4	3	3
-13.75°	6	6	6	5	5	4	4	4	4	3	3
-15°	6	6	6	5	5	4	4	4	4	3	3
-16.25°	6	6	5	5	5	4	4	4	4	3	3
-17.5°	6	6	5	5	4	4	4	4	3	3	3
-18.75°	6	6	5	5	4	4	4	4	3	3	3
-20°	6	6	5	5	4	4	4	4	3	3	3
-21.25°	6	5	5	4	4	4	4	4	3	3	3





REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	6	5	5	4	4	4	4	3	3	3	3
-23.75°	5	5	5	4	4	4	4	3	3	3	3
-25°	5	5	4	4	4	4	4	3	3	3	3
-26.25°	5	5	4	4	4	4	4	3	3	3	3
-27.5°	5	5	4	4	4	4	3	3	3	3	3
-28.75°	5	4	4	4	4	4	3	3	3	3	3
-30°	5	4	4	4	4	3	3	3	3	3	3
-31.25°	4	4	4	4	4	3	3	3	3	3	3
-32.5°	4	4	4	4	3	3	3	3	3	3	3
-33.75°	4	4	4	4	3	3	3	3	3	3	3
-35°	4	4	4	3	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	2
-38.75°	4	4	3	3	3	3	3	3	3	3	2
-40°	4	3	3	3	3	3	3	3	3	2	2
-41.25°	3	3	3	3	3	3	3	3	3	2	2
-42.5°	3	3	3	3	3	3	3	3	2	2	2
-43.75°	3	3	3	3	3	3	3	3	2	2	2
-45°	3	3	3	3	3	3	3	2	2	2	2
-46.25°	3	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	3	3	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	3	2	2	2	2	2	2	2	2	2
-53.75°	3	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°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	1
-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	2	2	1	1	1	1	1
-67.5°	2	2	2	2	1	1	1	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	0	0	0	0
-80°	1	1	1	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	3	2	2	2	2	2	2	2	2	2	1
32.5°	3	2	2	2	2	2	2	2	2	2	2
31.25°	3	2	2	2	2	2	2	2	2	2	2
30°	3	3	2	2	2	2	2	2	2	2	2
28.75°	3	3	2	2	2	2	2	2	2	2	2
27.5°	3	3	2	2	2	2	2	2	2	2	2
26.25°	3	3	2	2	2	2	2	2	2	2	2
25°	3	3	3	2	2	2	2	2	2	2	2
23.75°	3	3	3	2	2	2	2	2	2	2	2
22.5°	3	3	3	2	2	2	2	2	2	2	2
21.25°	3	3	3	2	2	2	2	2	2	2	2
20°	3	3	3	2	2	2	2	2	2	2	2
18.75°	3	3	3	3	2	2	2	2	2	2	2
17.5°	3	3	3	3	2	2	2	2	2	2	2
16.25°	3	3	3	3	2	2	2	2	2	2	2
15°	3	3	3	3	2	2	2	2	2	2	2
13.75°	3	3	3	3	2	2	2	2	2	2	2
12.5°	3	3	3	3	2	2	2	2	2	2	2
11.25°	3	3	3	3	2	2	2	2	2	2	2
10°	3	3	3	3	2	2	2	2	2	2	2
8.75°	3	3	3	3	2	2	2	2	2	2	2
7.5°	3	3	3	3	3	2	2	2	2	2	2
6.25°	3	3	3	3	3	2	2	2	2	2	2
5°	3	3	3	3	3	2	2	2	2	2	2
3.75°	3	3	3	3	3	2	2	2	2	2	2
2.5°	3	3	3	3	3	2	2	2	2	2	2
1.25°	3	3	3	3	3	2	2	2	2	2	2
0°	3	3	3	3	3	2	2	2	2	2	2
-1.25°	3	3	3	3	3	2	2	2	2	2	2
-2.5°	3	3	3	3	3	2	2	2	2	2	2
-3.75°	3	3	3	3	3	2	2	2	2	2	2
-5°	3	3	3	3	3	2	2	2	2	2	2
-6.25°	3	3	3	3	3	2	2	2	2	2	2
-7.5°	3	3	3	3	3	2	2	2	2	2	2
-8.75°	3	3	3	3	2	2	2	2	2	2	2
-10°	3	3	3	3	2	2	2	2	2	2	2
-11.25°	3	3	3	3	2	2	2	2	2	2	2
-12.5°	3	3	3	3	2	2	2	2	2	2	2
-13.75°	3	3	3	3	2	2	2	2	2	2	2
-15°	3	3	3	3	2	2	2	2	2	2	2
-16.25°	3	3	3	3	2	2	2	2	2	2	2
-17.5°	3	3	3	3	2	2	2	2	2	2	2
-18.75°	3	3	3	3	2	2	2	2	2	2	2
-20°	3	3	3	2	2	2	2	2	2	2	2
-21.25°	3	3	3	2	2	2	2	2	2	2	2



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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	3	3	2	2	2	2	2	2	2	2
-23.75°	3	3	3	2	2	2	2	2	2	2	2
-25°	3	3	3	2	2	2	2	2	2	2	2
-26.25°	3	3	2	2	2	2	2	2	2	2	2
-27.5°	3	3	2	2	2	2	2	2	2	2	2
-28.75°	3	3	2	2	2	2	2	2	2	2	2
-30°	3	3	2	2	2	2	2	2	2	2	2
-31.25°	3	2	2	2	2	2	2	2	2	2	2
-32.5°	3	2	2	2	2	2	2	2	2	2	2
-33.75°	3	2	2	2	2	2	2	2	2	2	1
-35°	2	2	2	2	2	2	2	2	2	2	1
-36.25°	2	2	2	2	2	2	2	2	2	2	1
-37.5°	2	2	2	2	2	2	2	2	2	2	1
-38.75°	2	2	2	2	2	2	2	2	2	1	1
-40°	2	2	2	2	2	2	2	2	2	1	1
-41.25°	2	2	2	2	2	2	2	2	2	1	1
-42.5°	2	2	2	2	2	2	2	2	2	1	1
-43.75°	2	2	2	2	2	2	2	2	1	1	1
-45°	2	2	2	2	2	2	2	2	1	1	1
-46.25°	2	2	2	2	2	2	2	2	1	1	1
-47.5°	2	2	2	2	2	2	2	1	1	1	1
-48.75°	2	2	2	2	2	2	2	1	1	1	1
-50°	2	2	2	2	2	2	1	1	1	1	1
-51.25°	2	2	2	2	2	2	1	1	1	1	1
-52.5°	2	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	2	1	1	1	1	1	1
-55°	2	2	2	2	1	1	1	1	1	1	1
-56.25°	2	2	2	1	1	1	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-58.75°	2	2	1	1	1	1	1	1	1	1	1
-60°	2	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	1	1	1	1	1	0
-70°	1	1	1	1	1	1	1	1	1	0	0
-71.25°	1	1	1	1	1	1	1	1	0	0	0
-72.5°	1	1	1	1	1	1	1	0	0	0	0
-73.75°	1	1	1	1	1	0	0	0	0	0	0
-75°	1	1	1	1	0	0	0	0	0	0	0
-76.25°	1	1	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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°	2	1	1	1	1	1	1	0	0	0	0
-23.75°	2	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	1	0	0	0	0
-30°	1	1	1	1	1	1	1	0	0	0	0
-31.25°	1	1	1	1	1	1	1	0	0	0	0
-32.5°	1	1	1	1	1	1	1	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	1	0	0	0	0	0
-43.75°	1	1	1	1	1	1	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	1	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	1	0	0	0	0	0	0	0	0	0
-63.75°	1	0	0	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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: P220687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L2-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)