

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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED4080-M-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

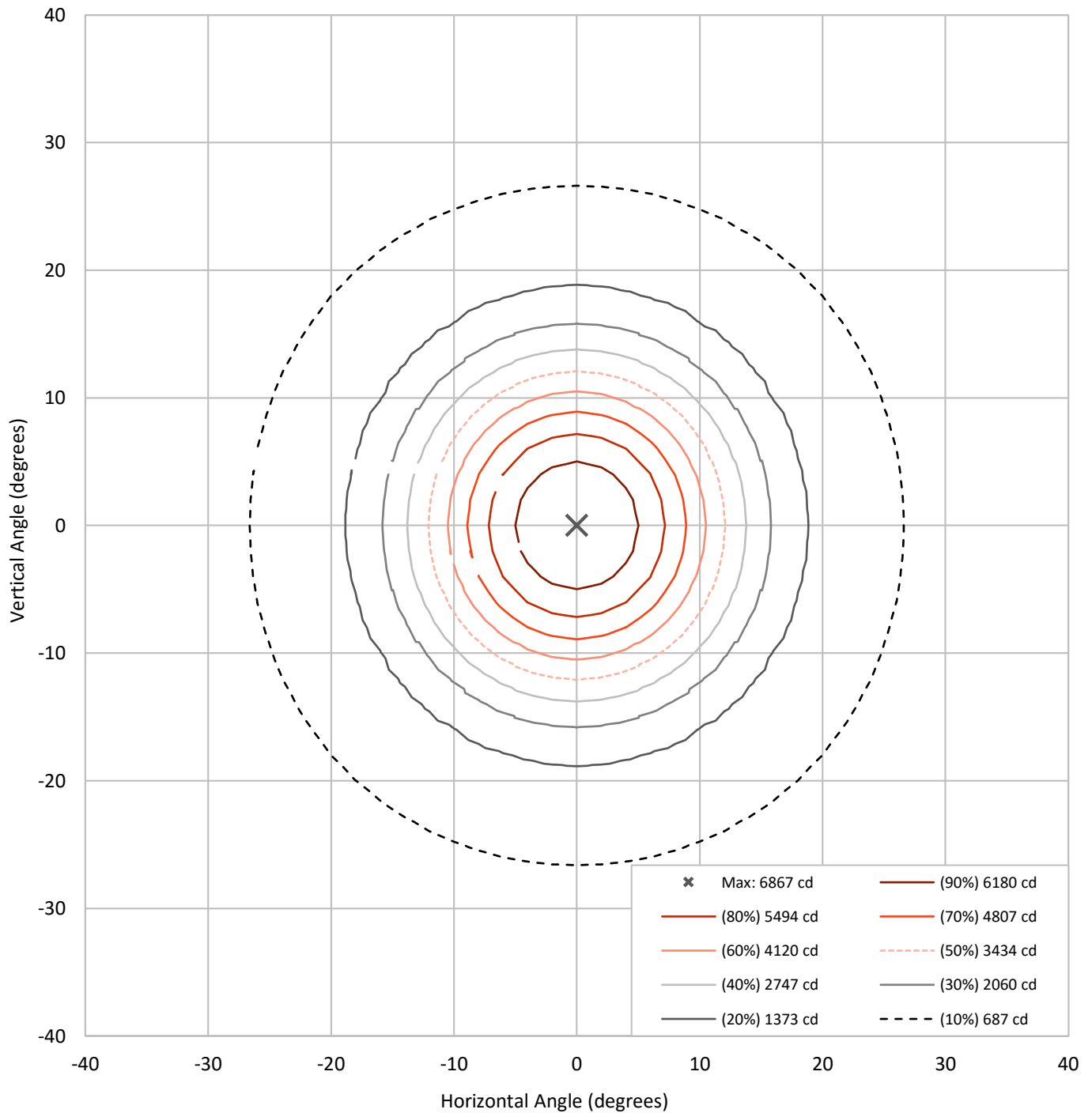
Test Method: LM-79-08  
Report Number: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-FL-LED4080-M-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 4000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1621.7 lumens	Max Intensity:	6867 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	80.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	708.9 lumens	Field Lumens:	1448.6 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
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-LED4080-M-BK-L2-UNV

### Iso-Candela Plot





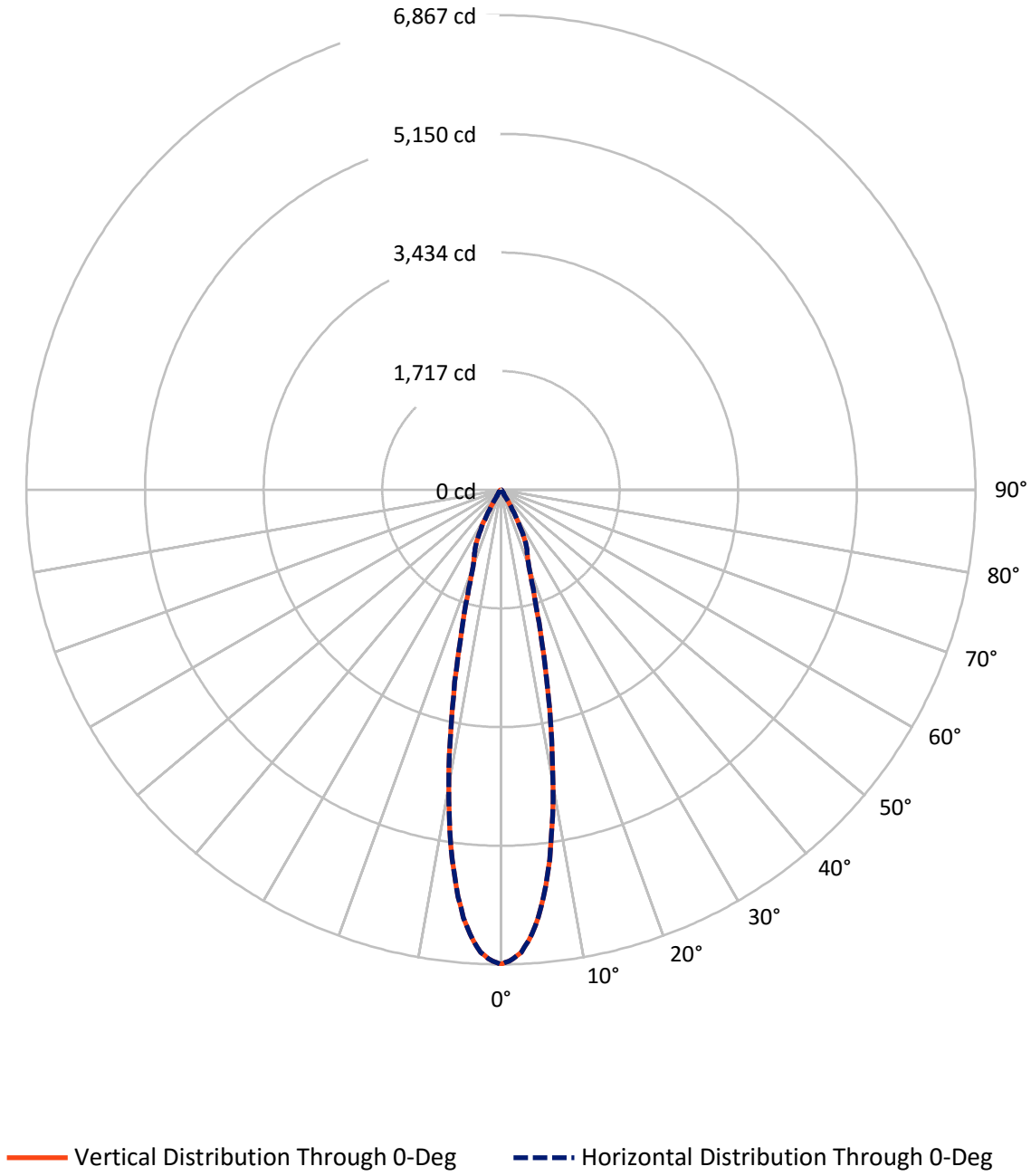
REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-BK-L2-UNV

### Lumen Table

90	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.0										
80	0.0	0.0	0.1	0.1	0.2	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	0.0	0.0	0.0	0.0				
60		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0					
50	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0				
40		0.0	0.1	0.2	0.3	0.6	1.4	2.7	2.7	1.4	0.6	0.3	0.2	0.1		0.0			
30	0.0	0.0	0.1	0.2	0.5	2.8	13.2	22.6	22.6	13.2	2.8	0.5	0.2	0.1	0.0				
20		0.0	0.1	0.2	1.2	12.5	34.2	65.2	65.2	34.2	12.5	1.2	0.2	0.1		0.0			
10	0.0	0.1	0.1	0.3	2.2	20.7	63.4	157.2	157.2	63.4	20.7	2.2	0.3	0.1	0.0				
0		0.1	0.1	0.3	2.2	20.7	63.4	157.2	157.2	63.4	20.7	2.2	0.3	0.1		0.1			
-10	0.0	0.0	0.1	0.2	1.2	12.5	34.2	65.2	65.2	34.2	12.5	1.2	0.2	0.1	0.0				
-20		0.0	0.1	0.2	0.5	2.8	13.2	22.6	22.6	13.2	2.8	0.5	0.2	0.1		0.0			
-30	0.0	0.0	0.1	0.2	0.3	0.6	1.4	2.7	2.7	1.4	0.6	0.3	0.2	0.1	0.0				
-40		0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.1		0.0			
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	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	0.1	0.0	0.0		0.0			
-70	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0				
-80		0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.0									
-90	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.0										

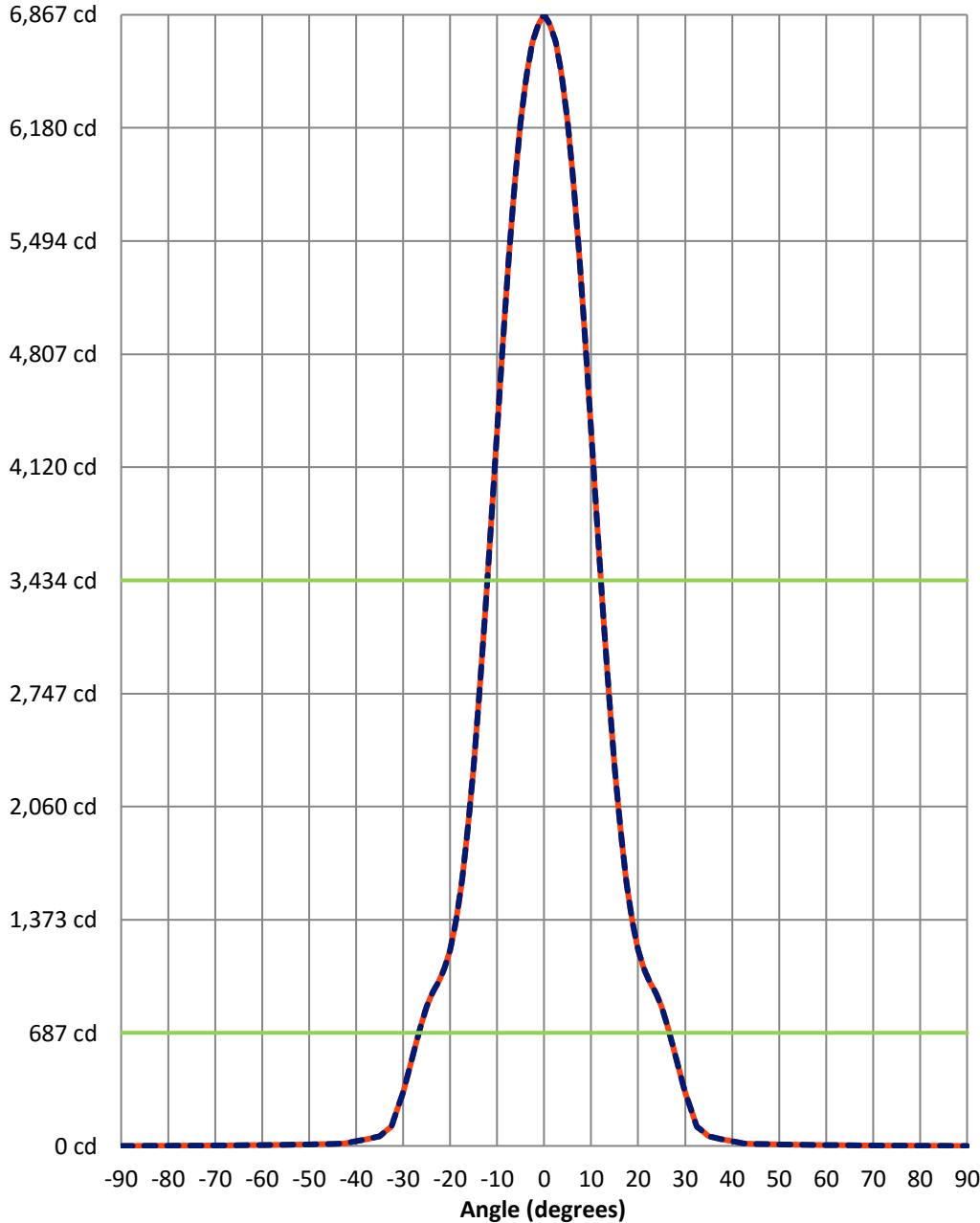
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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-BK-L2-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 24.2°  
V Angle: 24.2°  
Lumens: 708.9  
Efficiency: 43.7%

**Field:**  
H Angle: 53.3°  
V Angle: 53.3°  
Lumens: 1448.6  
Efficiency: 89.3%

**Spill:**  
Lumens: 173.1  
Efficiency: 10.7%

— 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	1
70°	0	0	0	0	0	0	0	0	0	1	1
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	0	0	1	1	1
66.25°	0	0	0	0	0	0	0	0	1	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	1	1	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	0	1	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	1	1	1	1	1	1	1
40°	0	0	0	0	1	1	1	1	1	1	1
38.75°	0	0	0	0	1	1	1	1	1	1	1
37.5°	0	0	0	0	1	1	1	1	1	1	1
36.25°	0	0	0	0	1	1	1	1	1	1	1
35°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	2
23.75°	0	0	0	0	1	1	1	1	1	1	2
22.5°	0	0	0	0	1	1	1	1	1	1	2
21.25°	0	0	0	0	1	1	1	1	1	1	2
20°	0	0	0	0	1	1	1	1	1	1	2
18.75°	0	0	0	0	1	1	1	1	1	1	2
17.5°	0	0	0	0	1	1	1	1	1	1	2
16.25°	0	0	0	0	1	1	1	1	1	1	2
15°	0	0	0	0	1	1	1	1	1	1	2
13.75°	0	0	0	0	1	1	1	1	1	1	2
12.5°	0	0	0	0	1	1	1	1	1	1	2
11.25°	0	0	0	0	1	1	1	1	1	1	2
10°	0	0	0	0	1	1	1	1	1	1	2
8.75°	0	0	0	0	1	1	1	1	1	1	2
7.5°	0	0	0	0	1	1	1	1	1	1	2
6.25°	0	0	0	0	1	1	1	1	1	1	2
5°	0	0	0	0	1	1	1	1	1	1	2
3.75°	0	0	0	0	1	1	1	1	1	1	2
2.5°	0	0	0	0	1	1	1	1	1	1	2
1.25°	0	0	0	0	1	1	1	1	1	1	2
0°	0	0	0	0	1	1	1	1	1	1	2
-1.25°	0	0	0	0	1	1	1	1	1	1	2
-2.5°	0	0	0	0	1	1	1	1	1	1	2
-3.75°	0	0	0	0	1	1	1	1	1	1	2
-5°	0	0	0	0	1	1	1	1	1	1	2
-6.25°	0	0	0	0	1	1	1	1	1	1	2
-7.5°	0	0	0	0	1	1	1	1	1	1	2
-8.75°	0	0	0	0	1	1	1	1	1	1	2
-10°	0	0	0	0	1	1	1	1	1	1	2
-11.25°	0	0	0	0	1	1	1	1	1	1	2
-12.5°	0	0	0	0	1	1	1	1	1	1	2
-13.75°	0	0	0	0	1	1	1	1	1	1	2
-15°	0	0	0	0	1	1	1	1	1	1	2
-16.25°	0	0	0	0	1	1	1	1	1	1	2
-17.5°	0	0	0	0	1	1	1	1	1	1	2
-18.75°	0	0	0	0	1	1	1	1	1	1	2
-20°	0	0	0	0	1	1	1	1	1	1	2
-21.25°	0	0	0	0	1	1	1	1	1	1	2





REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	1	1	1	1	1	1	2
-23.75°	0	0	0	0	1	1	1	1	1	1	2
-25°	0	0	0	0	1	1	1	1	1	1	2
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	1	1	1	1	1	1	1
-37.5°	0	0	0	0	1	1	1	1	1	1	1
-38.75°	0	0	0	0	1	1	1	1	1	1	1
-40°	0	0	0	0	1	1	1	1	1	1	1
-41.25°	0	0	0	0	1	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	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	1
-72.5°	0	0	0	0	0	0	0	0	0	0	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-LED4080-M-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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	1
80°	0	0	0	0	0	0	0	1	1	1	1
78.75°	0	0	0	0	0	1	1	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	0	1	1	1	1	1	1	1	1	1
75°	0	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	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	2
62.5°	1	1	1	1	1	1	1	1	1	2	2
61.25°	1	1	1	1	1	1	1	1	1	2	2
60°	1	1	1	1	1	1	1	1	2	2	2
58.75°	1	1	1	1	1	1	1	2	2	2	2
57.5°	1	1	1	1	1	1	1	2	2	2	2
56.25°	1	1	1	1	1	1	2	2	2	2	2
55°	1	1	1	1	1	2	2	2	2	2	2
53.75°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	1	2	2	2	2	2	2	2
51.25°	1	1	1	1	2	2	2	2	2	2	2
50°	1	1	1	1	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	1	2	2	2	2	2	2	2	2
46.25°	1	1	1	2	2	2	2	2	2	2	2
45°	1	1	2	2	2	2	2	2	2	2	2
43.75°	1	1	2	2	2	2	2	2	2	2	2
42.5°	1	1	2	2	2	2	2	2	2	2	3
41.25°	1	1	2	2	2	2	2	2	2	2	3
40°	1	2	2	2	2	2	2	2	2	3	3
38.75°	1	2	2	2	2	2	2	2	2	3	3
37.5°	1	2	2	2	2	2	2	2	2	3	3
36.25°	1	2	2	2	2	2	2	2	3	3	3
35°	1	2	2	2	2	2	2	2	3	3	3



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	2	2	2	2	2	2	2	2	3	3	3
32.5°	2	2	2	2	2	2	2	3	3	3	3
31.25°	2	2	2	2	2	2	2	3	3	3	3
30°	2	2	2	2	2	2	2	3	3	3	3
28.75°	2	2	2	2	2	2	2	3	3	3	3
27.5°	2	2	2	2	2	2	3	3	3	3	3
26.25°	2	2	2	2	2	2	3	3	3	3	3
25°	2	2	2	2	2	2	3	3	3	3	3
23.75°	2	2	2	2	2	2	3	3	3	3	4
22.5°	2	2	2	2	2	2	3	3	3	3	4
21.25°	2	2	2	2	2	2	3	3	3	3	4
20°	2	2	2	2	2	2	3	3	3	3	4
18.75°	2	2	2	2	2	3	3	3	3	3	4
17.5°	2	2	2	2	2	3	3	3	3	4	4
16.25°	2	2	2	2	2	3	3	3	3	4	4
15°	2	2	2	2	2	3	3	3	3	4	4
13.75°	2	2	2	2	2	3	3	3	3	4	4
12.5°	2	2	2	2	2	3	3	3	3	4	4
11.25°	2	2	2	2	2	3	3	3	3	4	4
10°	2	2	2	2	2	3	3	3	3	4	4
8.75°	2	2	2	2	2	3	3	3	3	4	4
7.5°	2	2	2	2	2	3	3	3	3	4	4
6.25°	2	2	2	2	2	3	3	3	3	4	4
5°	2	2	2	2	2	3	3	3	3	4	4
3.75°	2	2	2	2	2	3	3	3	3	4	4
2.5°	2	2	2	2	2	3	3	3	3	4	4
1.25°	2	2	2	2	2	3	3	3	3	4	4
0°	2	2	2	2	2	3	3	3	4	4	5
-1.25°	2	2	2	2	2	3	3	3	3	4	4
-2.5°	2	2	2	2	2	3	3	3	3	4	4
-3.75°	2	2	2	2	2	3	3	3	3	4	4
-5°	2	2	2	2	2	3	3	3	3	4	4
-6.25°	2	2	2	2	2	3	3	3	3	4	4
-7.5°	2	2	2	2	2	3	3	3	3	4	4
-8.75°	2	2	2	2	2	3	3	3	3	4	4
-10°	2	2	2	2	2	3	3	3	3	4	4
-11.25°	2	2	2	2	2	3	3	3	3	4	4
-12.5°	2	2	2	2	2	3	3	3	3	4	4
-13.75°	2	2	2	2	2	3	3	3	3	4	4
-15°	2	2	2	2	2	3	3	3	3	4	4
-16.25°	2	2	2	2	2	3	3	3	3	4	4
-17.5°	2	2	2	2	2	3	3	3	3	4	4
-18.75°	2	2	2	2	2	3	3	3	3	3	4
-20°	2	2	2	2	2	2	3	3	3	3	4
-21.25°	2	2	2	2	2	2	3	3	3	3	4



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	2	2	2	2	2	2	3	3	3	3	4
-23.75°	2	2	2	2	2	2	3	3	3	3	4
-25°	2	2	2	2	2	2	3	3	3	3	3
-26.25°	2	2	2	2	2	2	3	3	3	3	3
-27.5°	2	2	2	2	2	2	3	3	3	3	3
-28.75°	2	2	2	2	2	2	2	3	3	3	3
-30°	2	2	2	2	2	2	2	3	3	3	3
-31.25°	2	2	2	2	2	2	2	3	3	3	3
-32.5°	2	2	2	2	2	2	2	3	3	3	3
-33.75°	2	2	2	2	2	2	2	2	3	3	3
-35°	1	2	2	2	2	2	2	2	3	3	3
-36.25°	1	2	2	2	2	2	2	2	3	3	3
-37.5°	1	2	2	2	2	2	2	2	2	3	3
-38.75°	1	2	2	2	2	2	2	2	2	3	3
-40°	1	2	2	2	2	2	2	2	2	3	3
-41.25°	1	1	2	2	2	2	2	2	2	2	3
-42.5°	1	1	2	2	2	2	2	2	2	2	3
-43.75°	1	1	2	2	2	2	2	2	2	2	2
-45°	1	1	2	2	2	2	2	2	2	2	2
-46.25°	1	1	1	2	2	2	2	2	2	2	2
-47.5°	1	1	1	2	2	2	2	2	2	2	2
-48.75°	1	1	1	2	2	2	2	2	2	2	2
-50°	1	1	1	1	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	2	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	2	2	2	2	2	2
-56.25°	1	1	1	1	1	1	2	2	2	2	2
-57.5°	1	1	1	1	1	1	1	2	2	2	2
-58.75°	1	1	1	1	1	1	1	2	2	2	2
-60°	1	1	1	1	1	1	1	1	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	1	1	1	1	1	1
-80°	0	0	0	0	0	0	0	1	1	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	1	1	1
82.5°	0	0	0	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	2	2	2
70°	1	1	1	1	1	1	2	2	2	2	2
68.75°	1	1	1	1	1	2	2	2	2	2	2
67.5°	1	1	1	2	2	2	2	2	2	2	2
66.25°	1	1	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	3	3
57.5°	2	2	2	2	2	2	2	2	3	3	3
56.25°	2	2	2	2	2	2	2	3	3	3	3
55°	2	2	2	2	2	2	3	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	2	3	3	3	3	3	3	3
51.25°	2	2	2	3	3	3	3	3	3	3	3
50°	2	2	2	3	3	3	3	3	3	3	4
48.75°	2	2	3	3	3	3	3	3	3	4	4
47.5°	2	3	3	3	3	3	3	3	4	4	4
46.25°	2	3	3	3	3	3	3	4	4	4	5
45°	3	3	3	3	3	3	4	4	4	5	5
43.75°	3	3	3	3	3	3	4	4	4	5	5
42.5°	3	3	3	3	3	4	4	4	5	5	5
41.25°	3	3	3	3	4	4	4	5	5	5	5
40°	3	3	3	3	4	4	4	5	5	5	5
38.75°	3	3	3	4	4	4	5	5	5	5	5
37.5°	3	3	3	4	4	4	5	5	5	5	5
36.25°	3	3	4	4	4	5	5	5	5	5	5
35°	3	3	4	4	4	5	5	5	5	5	6



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	3	3	4	4	5	5	5	5	5	6	6
32.5°	3	4	4	4	5	5	5	5	5	6	6
31.25°	3	4	4	5	5	5	5	5	6	6	6
30°	3	4	4	5	5	5	5	5	6	6	7
28.75°	4	4	4	5	5	5	5	5	6	6	7
27.5°	4	4	5	5	5	5	5	6	6	6	7
26.25°	4	4	5	5	5	5	5	6	6	7	7
25°	4	4	5	5	5	5	6	6	6	7	7
23.75°	4	4	5	5	5	5	6	6	7	7	7
22.5°	4	5	5	5	5	5	6	6	7	7	8
21.25°	4	5	5	5	5	5	6	6	7	7	8
20°	4	5	5	5	5	6	6	7	7	7	8
18.75°	4	5	5	5	5	6	6	7	7	8	8
17.5°	4	5	5	5	5	6	6	7	7	8	8
16.25°	5	5	5	5	5	6	6	7	7	8	8
15°	5	5	5	5	6	6	6	7	7	8	8
13.75°	5	5	5	5	6	6	7	7	8	8	8
12.5°	5	5	5	5	6	6	7	7	8	8	9
11.25°	5	5	5	5	6	6	7	7	8	8	9
10°	5	5	5	5	6	6	7	7	8	8	9
8.75°	5	5	5	5	6	6	7	7	8	8	9
7.5°	5	5	5	5	6	6	7	7	8	8	9
6.25°	5	5	5	5	6	6	7	7	8	8	9
5°	5	5	5	5	6	6	7	7	8	8	9
3.75°	5	5	5	5	6	6	7	7	8	8	9
2.5°	5	5	5	5	6	6	7	7	8	8	9
1.25°	5	5	5	5	6	6	7	7	8	8	9
0°	5	5	5	6	6	7	7	8	8	9	9
-1.25°	5	5	5	5	6	6	7	7	8	8	9
-2.5°	5	5	5	5	6	6	7	7	8	8	9
-3.75°	5	5	5	5	6	6	7	7	8	8	9
-5°	5	5	5	5	6	6	7	7	8	8	9
-6.25°	5	5	5	5	6	6	7	7	8	8	9
-7.5°	5	5	5	5	6	6	7	7	8	8	9
-8.75°	5	5	5	5	6	6	7	7	8	8	9
-10°	5	5	5	5	6	6	7	7	8	8	9
-11.25°	5	5	5	5	6	6	7	7	8	8	9
-12.5°	5	5	5	5	6	6	7	7	8	8	9
-13.75°	5	5	5	5	6	6	7	7	8	8	8
-15°	5	5	5	5	6	6	6	7	7	8	8
-16.25°	5	5	5	5	5	6	6	7	7	8	8
-17.5°	4	5	5	5	5	6	6	7	7	8	8
-18.75°	4	5	5	5	5	6	6	7	7	8	8
-20°	4	5	5	5	5	6	6	7	7	7	8
-21.25°	4	5	5	5	5	5	6	6	7	7	8





REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	4	5	5	5	5	5	6	6	7	7	8
-23.75°	4	4	5	5	5	5	6	6	7	7	7
-25°	4	4	5	5	5	5	6	6	6	7	7
-26.25°	4	4	5	5	5	5	5	6	6	7	7
-27.5°	4	4	5	5	5	5	5	6	6	6	7
-28.75°	4	4	4	5	5	5	5	5	6	6	7
-30°	3	4	4	5	5	5	5	5	6	6	7
-31.25°	3	4	4	5	5	5	5	5	6	6	6
-32.5°	3	4	4	4	5	5	5	5	5	6	6
-33.75°	3	3	4	4	5	5	5	5	5	6	6
-35°	3	3	4	4	4	5	5	5	5	5	6
-36.25°	3	3	4	4	4	5	5	5	5	5	5
-37.5°	3	3	3	4	4	4	5	5	5	5	5
-38.75°	3	3	3	4	4	4	5	5	5	5	5
-40°	3	3	3	3	4	4	4	5	5	5	5
-41.25°	3	3	3	3	4	4	4	5	5	5	5
-42.5°	3	3	3	3	3	4	4	4	5	5	5
-43.75°	3	3	3	3	3	3	4	4	4	5	5
-45°	3	3	3	3	3	3	4	4	4	5	5
-46.25°	2	3	3	3	3	3	3	4	4	4	5
-47.5°	2	3	3	3	3	3	3	3	4	4	4
-48.75°	2	2	3	3	3	3	3	3	3	4	4
-50°	2	2	2	3	3	3	3	3	3	3	4
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	3	3	3	3	3	3
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	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°	1	1	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	2	2	2
-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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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	0	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	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	2	2	2	2
73.75°	1	1	1	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	3
65°	2	2	2	2	2	2	2	3	3	3	3
63.75°	2	2	2	2	2	3	3	3	3	3	3
62.5°	2	2	2	3	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	4
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	4	5
55°	3	3	3	4	4	4	4	4	5	5	5
53.75°	3	3	4	4	4	4	5	5	5	5	5
52.5°	3	4	4	4	4	5	5	5	5	5	5
51.25°	4	4	4	5	5	5	5	5	5	5	5
50°	4	4	5	5	5	5	5	5	5	5	5
48.75°	4	5	5	5	5	5	5	5	5	6	6
47.5°	5	5	5	5	5	5	5	5	6	6	6
46.25°	5	5	5	5	5	5	6	6	6	6	7
45°	5	5	5	5	5	6	6	6	6	7	7
43.75°	5	5	5	5	6	6	6	6	7	7	7
42.5°	5	5	5	6	6	6	6	7	7	7	8
41.25°	5	5	6	6	6	6	7	7	7	8	8
40°	5	5	6	6	6	7	7	7	8	8	8
38.75°	5	6	6	6	7	7	7	8	8	8	9
37.5°	6	6	6	7	7	7	8	8	8	9	9
36.25°	6	6	7	7	7	8	8	8	9	9	9
35°	6	6	7	7	8	8	8	9	9	9	10



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	6	7	7	7	8	8	8	9	9	10	11
32.5°	7	7	7	8	8	8	9	9	10	11	11
31.25°	7	7	7	8	8	9	9	10	10	11	11
30°	7	7	8	8	8	9	10	10	11	11	12
28.75°	7	8	8	8	9	9	10	11	11	12	12
27.5°	7	8	8	9	9	10	10	11	12	12	13
26.25°	8	8	8	9	9	10	11	11	12	12	14
25°	8	8	9	9	10	11	11	12	12	13	14
23.75°	8	8	9	9	10	11	11	12	13	14	15
22.5°	8	8	9	10	10	11	12	12	13	15	19
21.25°	8	9	9	10	11	11	12	13	14	16	22
20°	8	9	9	10	11	12	12	13	15	19	25
18.75°	8	9	10	11	11	12	12	14	16	22	28
17.5°	9	9	10	11	11	12	13	14	18	24	30
16.25°	9	9	10	11	12	12	13	15	20	27	33
15°	9	10	11	11	12	12	14	16	23	29	35
13.75°	9	10	11	11	12	13	14	18	25	31	37
12.5°	9	10	11	11	12	13	15	20	27	33	39
11.25°	9	10	11	12	12	14	15	22	28	35	41
10°	9	10	11	12	12	14	16	23	30	36	43
8.75°	10	11	11	12	13	14	18	25	31	38	44
7.5°	10	11	11	12	13	14	19	26	32	39	46
6.25°	10	11	11	12	13	15	20	27	33	40	47
5°	10	11	11	12	13	15	21	28	34	41	48
3.75°	10	11	11	12	13	15	21	28	35	41	49
2.5°	10	11	11	12	13	15	22	29	35	42	50
1.25°	10	11	11	12	13	15	22	29	35	42	50
0°	10	11	12	12	14	15	22	29	36	42	51
-1.25°	10	11	11	12	13	15	22	29	35	42	50
-2.5°	10	11	11	12	13	15	22	29	35	42	50
-3.75°	10	11	11	12	13	15	21	28	35	41	49
-5°	10	11	11	12	13	15	21	28	34	41	48
-6.25°	10	11	11	12	13	15	20	27	33	40	47
-7.5°	10	11	11	12	13	14	19	26	32	39	46
-8.75°	10	11	11	12	13	14	18	25	31	38	44
-10°	9	10	11	12	12	14	16	23	30	36	43
-11.25°	9	10	11	12	12	14	15	22	28	35	41
-12.5°	9	10	11	11	12	13	15	20	27	33	39
-13.75°	9	10	11	11	12	13	14	18	25	31	37
-15°	9	10	11	11	12	12	14	16	23	29	35
-16.25°	9	9	10	11	12	12	13	15	20	27	33
-17.5°	9	9	10	11	11	12	13	14	18	24	30
-18.75°	8	9	10	11	11	12	12	14	16	22	28
-20°	8	9	9	10	11	12	12	13	15	19	25
-21.25°	8	9	9	10	11	11	12	13	14	16	22



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	8	8	9	10	10	11	12	12	13	15	19
-23.75°	8	8	9	9	10	11	11	12	13	14	15
-25°	8	8	9	9	10	11	11	12	12	13	14
-26.25°	8	8	8	9	9	10	11	11	12	12	14
-27.5°	7	8	8	9	9	10	10	11	12	12	13
-28.75°	7	8	8	8	9	9	10	11	11	12	12
-30°	7	7	8	8	8	9	10	10	11	11	12
-31.25°	7	7	7	8	8	9	9	10	10	11	11
-32.5°	7	7	7	8	8	8	9	9	10	11	11
-33.75°	6	7	7	7	8	8	8	9	9	10	11
-35°	6	6	7	7	8	8	8	9	9	9	10
-36.25°	6	6	7	7	7	8	8	8	9	9	9
-37.5°	6	6	6	7	7	7	8	8	8	9	9
-38.75°	5	6	6	6	7	7	7	8	8	8	9
-40°	5	5	6	6	6	7	7	7	8	8	8
-41.25°	5	5	6	6	6	6	7	7	7	8	8
-42.5°	5	5	5	6	6	6	6	7	7	7	8
-43.75°	5	5	5	5	6	6	6	6	7	7	7
-45°	5	5	5	5	5	6	6	6	6	7	7
-46.25°	5	5	5	5	5	5	6	6	6	6	7
-47.5°	5	5	5	5	5	5	5	5	6	6	6
-48.75°	4	5	5	5	5	5	5	5	5	6	6
-50°	4	4	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	5	5	5	5	5	5	5	5
-52.5°	3	4	4	4	4	5	5	5	5	5	5
-53.75°	3	3	4	4	4	4	5	5	5	5	5
-55°	3	3	3	4	4	4	4	4	5	5	5
-56.25°	3	3	3	3	3	4	4	4	4	4	5
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	4
-61.25°	2	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	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°	1	1	1	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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	2	2	2
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	3	3	3	3	3
67.5°	2	2	3	3	3	3	3	3	3	3	3
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	4	4
62.5°	3	3	3	3	3	4	4	4	4	4	4
61.25°	3	3	4	4	4	4	4	4	4	4	5
60°	4	4	4	4	4	4	5	5	5	5	5
58.75°	4	4	4	5	5	5	5	5	5	5	5
57.5°	4	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	6	6	6
53.75°	5	5	5	5	5	5	6	6	6	6	6
52.5°	5	5	5	6	6	6	6	6	6	7	7
51.25°	5	6	6	6	6	6	6	7	7	7	7
50°	6	6	6	6	7	7	7	7	7	7	8
48.75°	6	6	7	7	7	7	7	8	8	8	8
47.5°	6	7	7	7	7	8	8	8	8	8	8
46.25°	7	7	7	7	8	8	8	8	9	9	9
45°	7	7	8	8	8	8	9	9	9	9	10
43.75°	8	8	8	8	8	9	9	9	10	10	10
42.5°	8	8	8	9	9	9	10	10	11	11	11
41.25°	8	8	9	9	10	10	10	11	11	11	12
40°	9	9	9	10	10	11	11	11	12	12	12
38.75°	9	9	10	10	11	11	12	12	12	13	13
37.5°	9	10	11	11	11	12	12	12	13	14	15
36.25°	10	11	11	11	12	12	13	14	14	15	19
35°	11	11	11	12	12	13	14	15	17	21	24



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	11	11	12	12	13	14	15	19	23	27	30
32.5°	11	12	12	13	14	16	20	24	28	32	35
31.25°	12	12	13	14	16	21	25	29	33	37	40
30°	12	13	14	16	21	26	30	34	38	42	46
28.75°	13	14	16	21	26	30	34	39	43	48	53
27.5°	14	15	20	25	30	34	39	43	49	54	60
26.25°	15	19	24	29	34	39	43	49	55	63	82
25°	17	23	28	33	38	43	49	55	64	84	103
23.75°	21	27	32	37	42	48	54	63	84	104	138
22.5°	24	30	35	40	46	53	60	82	103	138	210
21.25°	28	33	38	44	51	58	77	99	130	205	279
20°	31	36	42	48	55	70	93	116	192	270	352
18.75°	34	39	45	53	61	85	109	171	252	335	435
17.5°	36	42	49	56	75	100	141	226	310	411	517
16.25°	39	45	53	63	88	114	191	279	376	486	596
15°	41	48	56	75	101	149	239	329	442	557	670
13.75°	43	51	59	86	113	192	284	389	506	625	736
12.5°	46	54	69	96	137	232	326	445	567	686	792
11.25°	49	57	78	106	172	268	374	497	623	740	843
10°	51	59	86	114	203	301	418	545	672	785	880
8.75°	53	65	94	132	232	332	459	589	714	825	914
7.5°	54	71	100	156	256	365	494	627	751	857	936
6.25°	56	77	105	176	277	393	525	659	779	881	953
5°	57	81	110	192	295	417	550	684	803	900	968
3.75°	58	84	113	205	308	435	570	703	821	916	979
2.5°	58	87	116	215	318	448	585	717	834	924	988
1.25°	59	88	117	220	324	457	594	726	842	929	993
0°	59	89	118	222	326	459	597	729	845	931	995
-1.25°	59	88	117	220	324	457	594	726	842	929	993
-2.5°	58	87	116	215	318	448	585	717	834	924	988
-3.75°	58	84	113	205	308	435	570	703	821	916	979
-5°	57	81	110	192	295	417	550	684	803	900	968
-6.25°	56	77	105	176	277	393	525	659	779	881	953
-7.5°	54	71	100	156	256	365	494	627	751	857	936
-8.75°	53	65	94	132	232	332	459	589	714	825	914
-10°	51	59	86	114	203	301	418	545	672	785	880
-11.25°	49	57	78	106	172	268	374	497	623	740	843
-12.5°	46	54	69	96	137	232	326	445	567	686	792
-13.75°	43	51	59	86	113	192	284	389	506	625	736
-15°	41	48	56	75	101	149	239	329	442	557	670
-16.25°	39	45	53	63	88	114	191	279	376	486	596
-17.5°	36	42	49	56	75	100	141	226	310	411	517
-18.75°	34	39	45	53	61	85	109	171	252	335	435
-20°	31	36	42	48	55	70	93	116	192	270	352
-21.25°	28	33	38	44	51	58	77	99	130	205	279





REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	24	30	35	40	46	53	60	82	103	138	210
-23.75°	21	27	32	37	42	48	54	63	84	104	138
-25°	17	23	28	33	38	43	49	55	64	84	103
-26.25°	15	19	24	29	34	39	43	49	55	63	82
-27.5°	14	15	20	25	30	34	39	43	49	54	60
-28.75°	13	14	16	21	26	30	34	39	43	48	53
-30°	12	13	14	16	21	26	30	34	38	42	46
-31.25°	12	12	13	14	16	21	25	29	33	37	40
-32.5°	11	12	12	13	14	16	20	24	28	32	35
-33.75°	11	11	12	12	13	14	15	19	23	27	30
-35°	11	11	11	12	12	13	14	15	17	21	24
-36.25°	10	11	11	11	12	12	13	14	14	15	19
-37.5°	9	10	11	11	11	12	12	12	13	14	15
-38.75°	9	9	10	10	11	11	12	12	12	13	13
-40°	9	9	9	10	10	11	11	11	12	12	12
-41.25°	8	8	9	9	10	10	10	11	11	11	12
-42.5°	8	8	8	9	9	9	10	10	11	11	11
-43.75°	8	8	8	8	8	9	9	9	10	10	10
-45°	7	7	8	8	8	8	9	9	9	9	10
-46.25°	7	7	7	7	8	8	8	8	9	9	9
-47.5°	6	7	7	7	7	8	8	8	8	8	8
-48.75°	6	6	7	7	7	7	7	8	8	8	8
-50°	6	6	6	6	7	7	7	7	7	7	8
-51.25°	5	6	6	6	6	6	6	7	7	7	7
-52.5°	5	5	5	6	6	6	6	6	6	7	7
-53.75°	5	5	5	5	5	5	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	6	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	4	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	5	5	5	5	5
-61.25°	3	3	4	4	4	4	4	4	4	4	5
-62.5°	3	3	3	3	3	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	4	4
-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	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	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	2	2	2



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	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	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	6	6	6	6	6	6
56.25°	5	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	7	7	7	7	7
53.75°	6	7	7	7	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	7	8	8	8	8	8
51.25°	7	7	8	8	8	8	8	8	8	8	8
50°	8	8	8	8	8	8	8	9	9	9	9
48.75°	8	8	8	9	9	9	9	9	9	9	10
47.5°	9	9	9	9	9	10	10	10	10	10	11
46.25°	9	9	10	10	10	11	11	11	11	11	11
45°	10	10	11	11	11	11	11	11	12	12	12
43.75°	11	11	11	11	12	12	12	12	12	12	13
42.5°	11	12	12	12	12	12	13	13	14	14	14
41.25°	12	12	12	13	13	14	14	15	15	16	18
40°	13	13	14	14	15	16	18	20	22	23	25
38.75°	14	15	16	18	20	23	25	27	28	30	31
37.5°	16	19	22	24	27	29	31	33	35	36	38
36.25°	22	25	28	30	33	35	37	39	41	43	44
35°	28	31	34	36	39	41	43	46	49	51	53



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	33	36	39	42	45	48	51	54	57	59	65
32.5°	38	42	45	49	53	56	59	69	78	86	94
31.25°	44	48	53	56	63	75	86	96	106	114	132
30°	51	55	61	75	88	101	113	137	172	203	232
28.75°	58	70	85	100	114	149	192	232	268	301	332
27.5°	77	93	109	141	191	239	284	326	374	418	459
26.25°	99	116	171	226	279	329	389	445	497	545	589
25°	130	192	252	310	376	442	506	567	623	672	714
23.75°	205	270	335	411	486	557	625	686	740	785	825
22.5°	279	352	435	517	596	670	736	792	843	880	914
21.25°	358	447	536	622	701	771	833	881	922	949	974
20°	447	542	635	720	794	859	910	946	977	1006	1037
18.75°	536	635	726	806	873	926	964	999	1037	1080	1129
17.5°	622	720	806	878	933	974	1014	1064	1121	1183	1255
16.25°	701	794	873	933	978	1022	1080	1152	1233	1320	1425
15°	771	859	926	974	1022	1085	1167	1265	1378	1503	1644
13.75°	833	910	964	1014	1080	1167	1275	1408	1561	1728	1922
12.5°	881	946	999	1064	1152	1265	1408	1581	1781	2005	2234
11.25°	922	977	1037	1121	1233	1378	1561	1781	2036	2299	2583
10°	949	1006	1080	1183	1320	1503	1728	2005	2299	2623	2947
8.75°	974	1037	1129	1255	1425	1644	1922	2234	2583	2947	3317
7.5°	996	1070	1177	1322	1527	1788	2107	2465	2856	3264	3679
6.25°	1014	1100	1226	1399	1630	1930	2278	2679	3109	3561	4015
5°	1034	1133	1271	1464	1718	2056	2440	2873	3339	3825	4313
3.75°	1051	1158	1307	1520	1806	2162	2574	3030	3528	4044	4557
2.5°	1064	1176	1337	1566	1870	2239	2672	3153	3672	4208	4740
1.25°	1071	1187	1358	1595	1909	2286	2736	3229	3760	4309	4851
0°	1074	1191	1365	1604	1922	2302	2757	3255	3790	4343	4889
-1.25°	1071	1187	1358	1595	1909	2286	2736	3229	3760	4309	4851
-2.5°	1064	1176	1337	1566	1870	2239	2672	3153	3672	4208	4740
-3.75°	1051	1158	1307	1520	1806	2162	2574	3030	3528	4044	4557
-5°	1034	1133	1271	1464	1718	2056	2440	2873	3339	3825	4313
-6.25°	1014	1100	1226	1399	1630	1930	2278	2679	3109	3561	4015
-7.5°	996	1070	1177	1322	1527	1788	2107	2465	2856	3264	3679
-8.75°	974	1037	1129	1255	1425	1644	1922	2234	2583	2947	3317
-10°	949	1006	1080	1183	1320	1503	1728	2005	2299	2623	2947
-11.25°	922	977	1037	1121	1233	1378	1561	1781	2036	2299	2583
-12.5°	881	946	999	1064	1152	1265	1408	1581	1781	2005	2234
-13.75°	833	910	964	1014	1080	1167	1275	1408	1561	1728	1922
-15°	771	859	926	974	1022	1085	1167	1265	1378	1503	1644
-16.25°	701	794	873	933	978	1022	1080	1152	1233	1320	1425
-17.5°	622	720	806	878	933	974	1014	1064	1121	1183	1255
-18.75°	536	635	726	806	873	926	964	999	1037	1080	1129
-20°	447	542	635	720	794	859	910	946	977	1006	1037
-21.25°	358	447	536	622	701	771	833	881	922	949	974



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	279	352	435	517	596	670	736	792	843	880	914
-23.75°	205	270	335	411	486	557	625	686	740	785	825
-25°	130	192	252	310	376	442	506	567	623	672	714
-26.25°	99	116	171	226	279	329	389	445	497	545	589
-27.5°	77	93	109	141	191	239	284	326	374	418	459
-28.75°	58	70	85	100	114	149	192	232	268	301	332
-30°	51	55	61	75	88	101	113	137	172	203	232
-31.25°	44	48	53	56	63	75	86	96	106	114	132
-32.5°	38	42	45	49	53	56	59	69	78	86	94
-33.75°	33	36	39	42	45	48	51	54	57	59	65
-35°	28	31	34	36	39	41	43	46	49	51	53
-36.25°	22	25	28	30	33	35	37	39	41	43	44
-37.5°	16	19	22	24	27	29	31	33	35	36	38
-38.75°	14	15	16	18	20	23	25	27	28	30	31
-40°	13	13	14	14	15	16	18	20	22	23	25
-41.25°	12	12	12	13	13	14	14	15	15	16	18
-42.5°	11	12	12	12	12	12	13	13	14	14	14
-43.75°	11	11	11	11	12	12	12	12	12	12	13
-45°	10	10	11	11	11	11	11	11	12	12	12
-46.25°	9	9	10	10	10	11	11	11	11	11	11
-47.5°	9	9	9	9	9	10	10	10	10	10	11
-48.75°	8	8	8	9	9	9	9	9	9	9	10
-50°	8	8	8	8	8	8	8	9	9	9	9
-51.25°	7	7	8	8	8	8	8	8	8	8	8
-52.5°	7	7	7	7	7	7	8	8	8	8	8
-53.75°	6	7	7	7	7	7	7	7	7	7	7
-55°	6	6	6	6	6	6	7	7	7	7	7
-56.25°	5	6	6	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	5	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	4	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	2	2	3	3	3	3	3	3	3	3	3
-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	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	1	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	2	1	1	1	1
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	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	3	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	4	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	5	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	6	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	7	6	6	6	6
55°	7	7	7	7	7	7	7	7	7	7	7
53.75°	7	7	7	7	7	7	8	7	7	7	7
52.5°	8	8	8	8	8	8	8	8	8	8	8
51.25°	8	8	8	8	8	8	9	8	8	8	8
50°	9	9	9	9	9	9	9	9	9	9	9
48.75°	10	10	10	10	10	10	10	10	10	10	10
47.5°	11	11	11	11	11	11	11	11	11	11	11
46.25°	11	11	11	11	11	11	12	11	11	11	11
45°	12	12	12	12	12	12	12	12	12	12	12
43.75°	13	13	13	13	13	13	14	13	13	13	13
42.5°	14	15	15	15	15	15	15	15	15	15	15
41.25°	19	20	21	21	22	22	22	22	22	21	21
40°	26	27	28	28	29	29	29	29	29	28	28
38.75°	32	33	34	35	35	35	36	35	35	35	34
37.5°	39	40	41	41	42	42	42	42	42	41	41
36.25°	46	47	48	49	50	50	51	50	50	49	48
35°	54	56	57	58	58	59	59	59	58	58	57



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	71	77	81	84	87	88	89	88	87	84	81
32.5°	100	105	110	113	116	117	118	117	116	113	110
31.25°	156	176	192	205	215	220	222	220	215	205	192
30°	256	277	295	308	318	324	326	324	318	308	295
28.75°	365	393	417	435	448	457	459	457	448	435	417
27.5°	494	525	550	570	585	594	597	594	585	570	550
26.25°	627	659	684	703	717	726	729	726	717	703	684
25°	751	779	803	821	834	842	845	842	834	821	803
23.75°	857	881	900	916	924	929	931	929	924	916	900
22.5°	936	953	968	979	988	993	995	993	988	979	968
21.25°	996	1014	1034	1051	1064	1071	1074	1071	1064	1051	1034
20°	1070	1100	1133	1158	1176	1187	1191	1187	1176	1158	1133
18.75°	1177	1226	1271	1307	1337	1358	1365	1358	1337	1307	1271
17.5°	1322	1399	1464	1520	1566	1595	1604	1595	1566	1520	1464
16.25°	1527	1630	1718	1806	1870	1909	1922	1909	1870	1806	1718
15°	1788	1930	2056	2162	2239	2286	2302	2286	2239	2162	2056
13.75°	2107	2278	2440	2574	2672	2736	2757	2736	2672	2574	2440
12.5°	2465	2679	2873	3030	3153	3229	3255	3229	3153	3030	2873
11.25°	2856	3109	3339	3528	3672	3760	3790	3760	3672	3528	3339
10°	3264	3561	3825	4044	4208	4309	4343	4309	4208	4044	3825
8.75°	3679	4015	4313	4557	4740	4851	4889	4851	4740	4557	4313
7.5°	4080	4452	4780	5045	5243	5359	5399	5359	5243	5045	4780
6.25°	4452	4855	5207	5482	5684	5804	5846	5804	5684	5482	5207
5°	4780	5207	5566	5847	6048	6172	6216	6172	6048	5847	5566
3.75°	5045	5482	5847	6130	6333	6461	6500	6461	6333	6130	5847
2.5°	5243	5684	6048	6333	6540	6665	6698	6665	6540	6333	6048
1.25°	5359	5804	6172	6461	6665	6770	6807	6770	6665	6461	6172
0°	5399	5846	6216	6500	6698	6807	6867	6807	6698	6500	6216
-1.25°	5359	5804	6172	6461	6665	6770	6807	6770	6665	6461	6172
-2.5°	5243	5684	6048	6333	6540	6665	6698	6665	6540	6333	6048
-3.75°	5045	5482	5847	6130	6333	6461	6500	6461	6333	6130	5847
-5°	4780	5207	5566	5847	6048	6172	6216	6172	6048	5847	5566
-6.25°	4452	4855	5207	5482	5684	5804	5846	5804	5684	5482	5207
-7.5°	4080	4452	4780	5045	5243	5359	5399	5359	5243	5045	4780
-8.75°	3679	4015	4313	4557	4740	4851	4889	4851	4740	4557	4313
-10°	3264	3561	3825	4044	4208	4309	4343	4309	4208	4044	3825
-11.25°	2856	3109	3339	3528	3672	3760	3790	3760	3672	3528	3339
-12.5°	2465	2679	2873	3030	3153	3229	3255	3229	3153	3030	2873
-13.75°	2107	2278	2440	2574	2672	2736	2757	2736	2672	2574	2440
-15°	1788	1930	2056	2162	2239	2286	2302	2286	2239	2162	2056
-16.25°	1527	1630	1718	1806	1870	1909	1922	1909	1870	1806	1718
-17.5°	1322	1399	1464	1520	1566	1595	1604	1595	1566	1520	1464
-18.75°	1177	1226	1271	1307	1337	1358	1365	1358	1337	1307	1271
-20°	1070	1100	1133	1158	1176	1187	1191	1187	1176	1158	1133
-21.25°	996	1014	1034	1051	1064	1071	1074	1071	1064	1051	1034





REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	936	953	968	979	988	993	995	993	988	979	968
-23.75°	857	881	900	916	924	929	931	929	924	916	900
-25°	751	779	803	821	834	842	845	842	834	821	803
-26.25°	627	659	684	703	717	726	729	726	717	703	684
-27.5°	494	525	550	570	585	594	597	594	585	570	550
-28.75°	365	393	417	435	448	457	459	457	448	435	417
-30°	256	277	295	308	318	324	326	324	318	308	295
-31.25°	156	176	192	205	215	220	222	220	215	205	192
-32.5°	100	105	110	113	116	117	118	117	116	113	110
-33.75°	71	77	81	84	87	88	89	88	87	84	81
-35°	54	56	57	58	58	59	59	59	58	58	57
-36.25°	46	47	48	49	50	50	51	50	50	49	48
-37.5°	39	40	41	41	42	42	42	42	42	41	41
-38.75°	32	33	34	35	35	35	36	35	35	35	34
-40°	26	27	28	28	29	29	29	29	29	28	28
-41.25°	19	20	21	21	22	22	22	22	22	21	21
-42.5°	14	15	15	15	15	15	15	15	15	15	15
-43.75°	13	13	13	13	13	13	14	13	13	13	13
-45°	12	12	12	12	12	12	12	12	12	12	12
-46.25°	11	11	11	11	11	11	12	11	11	11	11
-47.5°	11	11	11	11	11	11	11	11	11	11	11
-48.75°	10	10	10	10	10	10	10	10	10	10	10
-50°	9	9	9	9	9	9	9	9	9	9	9
-51.25°	8	8	8	8	8	8	9	8	8	8	8
-52.5°	8	8	8	8	8	8	8	8	8	8	8
-53.75°	7	7	7	7	7	7	8	7	7	7	7
-55°	7	7	7	7	7	7	7	7	7	7	7
-56.25°	6	6	6	6	6	6	7	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	6	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	5	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	4	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	3	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	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	2	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	1	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	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°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	4	4
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	5	5	5
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	7	7	7	7	7	7	7	6	6	6	6
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	8	8	8	8	8	8	8	7	7	7	7
51.25°	8	8	8	8	8	8	8	8	8	8	8
50°	9	9	9	9	9	9	8	8	8	8	8
48.75°	10	10	10	9	9	9	9	9	9	9	8
47.5°	11	11	11	10	10	10	10	10	9	9	9
46.25°	11	11	11	11	11	11	11	11	10	10	10
45°	12	12	12	12	12	11	11	11	11	11	11
43.75°	13	13	13	12	12	12	12	12	12	11	11
42.5°	15	14	14	14	14	13	13	12	12	12	12
41.25°	20	19	18	16	15	15	14	14	13	13	12
40°	27	26	25	23	22	20	18	16	15	14	14
38.75°	33	32	31	30	28	27	25	23	20	18	16
37.5°	40	39	38	36	35	33	31	29	27	24	22
36.25°	47	46	44	43	41	39	37	35	33	30	28
35°	56	54	53	51	49	46	43	41	39	36	34



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	77	71	65	59	57	54	51	48	45	42	39
32.5°	105	100	94	86	78	69	59	56	53	49	45
31.25°	176	156	132	114	106	96	86	75	63	56	53
30°	277	256	232	203	172	137	113	101	88	75	61
28.75°	393	365	332	301	268	232	192	149	114	100	85
27.5°	525	494	459	418	374	326	284	239	191	141	109
26.25°	659	627	589	545	497	445	389	329	279	226	171
25°	779	751	714	672	623	567	506	442	376	310	252
23.75°	881	857	825	785	740	686	625	557	486	411	335
22.5°	953	936	914	880	843	792	736	670	596	517	435
21.25°	1014	996	974	949	922	881	833	771	701	622	536
20°	1100	1070	1037	1006	977	946	910	859	794	720	635
18.75°	1226	1177	1129	1080	1037	999	964	926	873	806	726
17.5°	1399	1322	1255	1183	1121	1064	1014	974	933	878	806
16.25°	1630	1527	1425	1320	1233	1152	1080	1022	978	933	873
15°	1930	1788	1644	1503	1378	1265	1167	1085	1022	974	926
13.75°	2278	2107	1922	1728	1561	1408	1275	1167	1080	1014	964
12.5°	2679	2465	2234	2005	1781	1581	1408	1265	1152	1064	999
11.25°	3109	2856	2583	2299	2036	1781	1561	1378	1233	1121	1037
10°	3561	3264	2947	2623	2299	2005	1728	1503	1320	1183	1080
8.75°	4015	3679	3317	2947	2583	2234	1922	1644	1425	1255	1129
7.5°	4452	4080	3679	3264	2856	2465	2107	1788	1527	1322	1177
6.25°	4855	4452	4015	3561	3109	2679	2278	1930	1630	1399	1226
5°	5207	4780	4313	3825	3339	2873	2440	2056	1718	1464	1271
3.75°	5482	5045	4557	4044	3528	3030	2574	2162	1806	1520	1307
2.5°	5684	5243	4740	4208	3672	3153	2672	2239	1870	1566	1337
1.25°	5804	5359	4851	4309	3760	3229	2736	2286	1909	1595	1358
0°	5846	5399	4889	4343	3790	3255	2757	2302	1922	1604	1365
-1.25°	5804	5359	4851	4309	3760	3229	2736	2286	1909	1595	1358
-2.5°	5684	5243	4740	4208	3672	3153	2672	2239	1870	1566	1337
-3.75°	5482	5045	4557	4044	3528	3030	2574	2162	1806	1520	1307
-5°	5207	4780	4313	3825	3339	2873	2440	2056	1718	1464	1271
-6.25°	4855	4452	4015	3561	3109	2679	2278	1930	1630	1399	1226
-7.5°	4452	4080	3679	3264	2856	2465	2107	1788	1527	1322	1177
-8.75°	4015	3679	3317	2947	2583	2234	1922	1644	1425	1255	1129
-10°	3561	3264	2947	2623	2299	2005	1728	1503	1320	1183	1080
-11.25°	3109	2856	2583	2299	2036	1781	1561	1378	1233	1121	1037
-12.5°	2679	2465	2234	2005	1781	1581	1408	1265	1152	1064	999
-13.75°	2278	2107	1922	1728	1561	1408	1275	1167	1080	1014	964
-15°	1930	1788	1644	1503	1378	1265	1167	1085	1022	974	926
-16.25°	1630	1527	1425	1320	1233	1152	1080	1022	978	933	873
-17.5°	1399	1322	1255	1183	1121	1064	1014	974	933	878	806
-18.75°	1226	1177	1129	1080	1037	999	964	926	873	806	726
-20°	1100	1070	1037	1006	977	946	910	859	794	720	635
-21.25°	1014	996	974	949	922	881	833	771	701	622	536



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	953	936	914	880	843	792	736	670	596	517	435
-23.75°	881	857	825	785	740	686	625	557	486	411	335
-25°	779	751	714	672	623	567	506	442	376	310	252
-26.25°	659	627	589	545	497	445	389	329	279	226	171
-27.5°	525	494	459	418	374	326	284	239	191	141	109
-28.75°	393	365	332	301	268	232	192	149	114	100	85
-30°	277	256	232	203	172	137	113	101	88	75	61
-31.25°	176	156	132	114	106	96	86	75	63	56	53
-32.5°	105	100	94	86	78	69	59	56	53	49	45
-33.75°	77	71	65	59	57	54	51	48	45	42	39
-35°	56	54	53	51	49	46	43	41	39	36	34
-36.25°	47	46	44	43	41	39	37	35	33	30	28
-37.5°	40	39	38	36	35	33	31	29	27	24	22
-38.75°	33	32	31	30	28	27	25	23	20	18	16
-40°	27	26	25	23	22	20	18	16	15	14	14
-41.25°	20	19	18	16	15	15	14	14	13	13	12
-42.5°	15	14	14	14	14	13	13	12	12	12	12
-43.75°	13	13	13	12	12	12	12	12	12	11	11
-45°	12	12	12	12	12	11	11	11	11	11	11
-46.25°	11	11	11	11	11	11	11	11	10	10	10
-47.5°	11	11	11	10	10	10	10	10	9	9	9
-48.75°	10	10	10	9	9	9	9	9	9	9	8
-50°	9	9	9	9	9	9	8	8	8	8	8
-51.25°	8	8	8	8	8	8	8	8	8	8	8
-52.5°	8	8	8	8	8	8	8	7	7	7	7
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	7	7	7	7	7	7	7	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-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	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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°	2	2	2	2	2	1	1	1	1	1	1
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	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°	3	3	3	3	3	3	3	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	3	3	3
61.25°	5	5	5	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	4
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	6	5	5	5	5	5	5	5	5	5	5
55°	6	6	6	6	6	5	5	5	5	5	5
53.75°	7	6	6	6	6	6	6	5	5	5	5
52.5°	7	7	7	7	6	6	6	6	6	6	5
51.25°	7	7	7	7	7	7	6	6	6	6	6
50°	8	8	8	7	7	7	7	7	7	6	6
48.75°	8	8	8	8	8	8	7	7	7	7	7
47.5°	9	9	8	8	8	8	8	8	7	7	7
46.25°	9	9	9	9	9	8	8	8	8	7	7
45°	10	10	10	9	9	9	9	8	8	8	8
43.75°	11	11	10	10	10	9	9	9	8	8	8
42.5°	12	11	11	11	11	10	10	9	9	9	8
41.25°	12	12	12	11	11	11	10	10	10	9	9
40°	13	13	12	12	12	11	11	11	10	10	9
38.75°	15	14	13	13	12	12	12	11	11	10	10
37.5°	19	16	15	14	13	12	12	12	11	11	11
36.25°	25	22	19	15	14	14	13	12	12	11	11
35°	31	28	24	21	17	15	14	13	12	12	11

REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	36	33	30	27	23	19	15	14	13	12	12
32.5°	42	38	35	32	28	24	20	16	14	13	12
31.25°	48	44	40	37	33	29	25	21	16	14	13
30°	55	51	46	42	38	34	30	26	21	16	14
28.75°	70	58	53	48	43	39	34	30	26	21	16
27.5°	93	77	60	54	49	43	39	34	30	25	20
26.25°	116	99	82	63	55	49	43	39	34	29	24
25°	192	130	103	84	64	55	49	43	38	33	28
23.75°	270	205	138	104	84	63	54	48	42	37	32
22.5°	352	279	210	138	103	82	60	53	46	40	35
21.25°	447	358	279	205	130	99	77	58	51	44	38
20°	542	447	352	270	192	116	93	70	55	48	42
18.75°	635	536	435	335	252	171	109	85	61	53	45
17.5°	720	622	517	411	310	226	141	100	75	56	49
16.25°	794	701	596	486	376	279	191	114	88	63	53
15°	859	771	670	557	442	329	239	149	101	75	56
13.75°	910	833	736	625	506	389	284	192	113	86	59
12.5°	946	881	792	686	567	445	326	232	137	96	69
11.25°	977	922	843	740	623	497	374	268	172	106	78
10°	1006	949	880	785	672	545	418	301	203	114	86
8.75°	1037	974	914	825	714	589	459	332	232	132	94
7.5°	1070	996	936	857	751	627	494	365	256	156	100
6.25°	1100	1014	953	881	779	659	525	393	277	176	105
5°	1133	1034	968	900	803	684	550	417	295	192	110
3.75°	1158	1051	979	916	821	703	570	435	308	205	113
2.5°	1176	1064	988	924	834	717	585	448	318	215	116
1.25°	1187	1071	993	929	842	726	594	457	324	220	117
0°	1191	1074	995	931	845	729	597	459	326	222	118
-1.25°	1187	1071	993	929	842	726	594	457	324	220	117
-2.5°	1176	1064	988	924	834	717	585	448	318	215	116
-3.75°	1158	1051	979	916	821	703	570	435	308	205	113
-5°	1133	1034	968	900	803	684	550	417	295	192	110
-6.25°	1100	1014	953	881	779	659	525	393	277	176	105
-7.5°	1070	996	936	857	751	627	494	365	256	156	100
-8.75°	1037	974	914	825	714	589	459	332	232	132	94
-10°	1006	949	880	785	672	545	418	301	203	114	86
-11.25°	977	922	843	740	623	497	374	268	172	106	78
-12.5°	946	881	792	686	567	445	326	232	137	96	69
-13.75°	910	833	736	625	506	389	284	192	113	86	59
-15°	859	771	670	557	442	329	239	149	101	75	56
-16.25°	794	701	596	486	376	279	191	114	88	63	53
-17.5°	720	622	517	411	310	226	141	100	75	56	49
-18.75°	635	536	435	335	252	171	109	85	61	53	45
-20°	542	447	352	270	192	116	93	70	55	48	42
-21.25°	447	358	279	205	130	99	77	58	51	44	38





REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	352	279	210	138	103	82	60	53	46	40	35
-23.75°	270	205	138	104	84	63	54	48	42	37	32
-25°	192	130	103	84	64	55	49	43	38	33	28
-26.25°	116	99	82	63	55	49	43	39	34	29	24
-27.5°	93	77	60	54	49	43	39	34	30	25	20
-28.75°	70	58	53	48	43	39	34	30	26	21	16
-30°	55	51	46	42	38	34	30	26	21	16	14
-31.25°	48	44	40	37	33	29	25	21	16	14	13
-32.5°	42	38	35	32	28	24	20	16	14	13	12
-33.75°	36	33	30	27	23	19	15	14	13	12	12
-35°	31	28	24	21	17	15	14	13	12	12	11
-36.25°	25	22	19	15	14	14	13	12	12	11	11
-37.5°	19	16	15	14	13	12	12	12	11	11	11
-38.75°	15	14	13	13	12	12	12	11	11	10	10
-40°	13	13	12	12	12	11	11	11	10	10	9
-41.25°	12	12	12	11	11	11	10	10	10	9	9
-42.5°	12	11	11	11	11	10	10	9	9	9	8
-43.75°	11	11	10	10	10	9	9	9	8	8	8
-45°	10	10	10	9	9	9	9	8	8	8	8
-46.25°	9	9	9	9	9	8	8	8	8	7	7
-47.5°	9	9	8	8	8	8	8	8	7	7	7
-48.75°	8	8	8	8	8	8	7	7	7	7	7
-50°	8	8	8	7	7	7	7	7	7	6	6
-51.25°	7	7	7	7	7	7	6	6	6	6	6
-52.5°	7	7	7	7	6	6	6	6	6	6	5
-53.75°	7	6	6	6	6	6	6	5	5	5	5
-55°	6	6	6	6	6	5	5	5	5	5	5
-56.25°	6	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	4
-60°	5	5	5	5	5	5	5	4	4	4	4
-61.25°	5	5	5	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	3	3	3
-63.75°	4	4	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	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	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	1	1	1	1	1	1	1	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°	2	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	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	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	5	4	4	4	4	4	4	3	3	3	3
56.25°	5	5	5	4	4	4	4	4	3	3	3
55°	5	5	5	5	5	4	4	4	4	4	3
53.75°	5	5	5	5	5	5	5	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	4	4	4
51.25°	6	5	5	5	5	5	5	5	5	5	4
50°	6	6	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	6	5	5	5	5	5	5	5
47.5°	7	6	6	6	6	5	5	5	5	5	5
46.25°	7	7	7	6	6	6	6	5	5	5	5
45°	7	7	7	7	6	6	6	6	5	5	5
43.75°	8	8	7	7	7	6	6	6	6	5	5
42.5°	8	8	8	7	7	7	6	6	6	6	5
41.25°	8	8	8	8	7	7	7	6	6	6	6
40°	9	9	8	8	8	7	7	7	6	6	6
38.75°	9	9	9	8	8	8	7	7	7	6	6
37.5°	10	9	9	9	8	8	8	7	7	7	6
36.25°	11	10	9	9	9	8	8	8	7	7	7
35°	11	11	10	9	9	9	8	8	8	7	7



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	11	11	11	10	9	9	8	8	8	7	7
32.5°	12	11	11	11	10	9	9	8	8	8	7
31.25°	12	12	11	11	10	10	9	9	8	8	7
30°	13	12	12	11	11	10	10	9	8	8	8
28.75°	14	13	12	12	11	11	10	9	9	8	8
27.5°	15	14	13	12	12	11	10	10	9	9	8
26.25°	19	15	14	12	12	11	11	10	9	9	8
25°	23	17	14	13	12	12	11	11	10	9	9
23.75°	27	21	15	14	13	12	11	11	10	9	9
22.5°	30	24	19	15	13	12	12	11	10	10	9
21.25°	33	28	22	16	14	13	12	11	11	10	9
20°	36	31	25	19	15	13	12	12	11	10	9
18.75°	39	34	28	22	16	14	12	12	11	11	10
17.5°	42	36	30	24	18	14	13	12	11	11	10
16.25°	45	39	33	27	20	15	13	12	12	11	10
15°	48	41	35	29	23	16	14	12	12	11	11
13.75°	51	43	37	31	25	18	14	13	12	11	11
12.5°	54	46	39	33	27	20	15	13	12	11	11
11.25°	57	49	41	35	28	22	15	14	12	12	11
10°	59	51	43	36	30	23	16	14	12	12	11
8.75°	65	53	44	38	31	25	18	14	13	12	11
7.5°	71	54	46	39	32	26	19	14	13	12	11
6.25°	77	56	47	40	33	27	20	15	13	12	11
5°	81	57	48	41	34	28	21	15	13	12	11
3.75°	84	58	49	41	35	28	21	15	13	12	11
2.5°	87	58	50	42	35	29	22	15	13	12	11
1.25°	88	59	50	42	35	29	22	15	13	12	11
0°	89	59	51	42	36	29	22	15	14	12	12
-1.25°	88	59	50	42	35	29	22	15	13	12	11
-2.5°	87	58	50	42	35	29	22	15	13	12	11
-3.75°	84	58	49	41	35	28	21	15	13	12	11
-5°	81	57	48	41	34	28	21	15	13	12	11
-6.25°	77	56	47	40	33	27	20	15	13	12	11
-7.5°	71	54	46	39	32	26	19	14	13	12	11
-8.75°	65	53	44	38	31	25	18	14	13	12	11
-10°	59	51	43	36	30	23	16	14	12	12	11
-11.25°	57	49	41	35	28	22	15	14	12	12	11
-12.5°	54	46	39	33	27	20	15	13	12	11	11
-13.75°	51	43	37	31	25	18	14	13	12	11	11
-15°	48	41	35	29	23	16	14	12	12	11	11
-16.25°	45	39	33	27	20	15	13	12	12	11	10
-17.5°	42	36	30	24	18	14	13	12	11	11	10
-18.75°	39	34	28	22	16	14	12	12	11	11	10
-20°	36	31	25	19	15	13	12	12	11	10	9
-21.25°	33	28	22	16	14	13	12	11	11	10	9



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	24	19	15	13	12	12	11	10	10	9
-23.75°	27	21	15	14	13	12	11	11	10	9	9
-25°	23	17	14	13	12	12	11	11	10	9	9
-26.25°	19	15	14	12	12	11	11	10	9	9	8
-27.5°	15	14	13	12	12	11	10	10	9	9	8
-28.75°	14	13	12	12	11	11	10	9	9	8	8
-30°	13	12	12	11	11	10	10	9	8	8	8
-31.25°	12	12	11	11	10	10	9	9	8	8	7
-32.5°	12	11	11	11	10	9	9	8	8	8	7
-33.75°	11	11	11	10	9	9	8	8	8	7	7
-35°	11	11	10	9	9	9	8	8	8	7	7
-36.25°	11	10	9	9	9	8	8	8	7	7	7
-37.5°	10	9	9	9	8	8	8	7	7	7	6
-38.75°	9	9	9	8	8	8	7	7	7	6	6
-40°	9	9	8	8	8	7	7	7	6	6	6
-41.25°	8	8	8	8	7	7	7	6	6	6	6
-42.5°	8	8	8	7	7	7	6	6	6	6	5
-43.75°	8	8	7	7	7	6	6	6	6	5	5
-45°	7	7	7	7	6	6	6	6	5	5	5
-46.25°	7	7	7	6	6	6	6	5	5	5	5
-47.5°	7	6	6	6	6	5	5	5	5	5	5
-48.75°	6	6	6	6	5	5	5	5	5	5	5
-50°	6	6	5	5	5	5	5	5	5	5	5
-51.25°	6	5	5	5	5	5	5	5	5	5	4
-52.5°	5	5	5	5	5	5	5	5	4	4	4
-53.75°	5	5	5	5	5	5	5	4	4	4	4
-55°	5	5	5	5	5	4	4	4	4	4	3
-56.25°	5	5	5	4	4	4	4	4	3	3	3
-57.5°	5	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	4	4	4	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	2
-63.75°	3	3	3	3	3	3	3	3	2	2	2
-65°	3	3	3	3	3	3	2	2	2	2	2
-66.25°	3	3	3	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	1
-75°	2	2	2	2	2	2	1	1	1	1	1
-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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	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	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	1	1	1	1	1	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	0
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°	2	2	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	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°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	2	2	2	2	2
55°	3	3	3	3	3	3	3	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	2	2	2
52.5°	4	3	3	3	3	3	3	3	3	2	2
51.25°	4	4	3	3	3	3	3	3	3	3	2
50°	4	4	4	3	3	3	3	3	3	3	2
48.75°	5	4	4	4	3	3	3	3	3	3	3
47.5°	5	5	4	4	4	3	3	3	3	3	3
46.25°	5	5	5	4	4	4	3	3	3	3	3
45°	5	5	5	5	4	4	4	3	3	3	3
43.75°	5	5	5	5	4	4	4	3	3	3	3
42.5°	5	5	5	5	5	4	4	4	3	3	3
41.25°	5	5	5	5	5	5	4	4	4	3	3
40°	5	5	5	5	5	5	4	4	4	3	3
38.75°	6	5	5	5	5	5	5	4	4	4	3
37.5°	6	6	5	5	5	5	5	4	4	4	3
36.25°	6	6	5	5	5	5	5	5	4	4	4
35°	6	6	6	5	5	5	5	5	4	4	4



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	7	6	6	6	5	5	5	5	5	4	4
32.5°	7	7	6	6	5	5	5	5	5	4	4
31.25°	7	7	6	6	6	5	5	5	5	5	4
30°	7	7	7	6	6	5	5	5	5	5	4
28.75°	8	7	7	6	6	5	5	5	5	5	4
27.5°	8	7	7	6	6	6	5	5	5	5	5
26.25°	8	8	7	7	6	6	5	5	5	5	5
25°	8	8	7	7	6	6	6	5	5	5	5
23.75°	8	8	7	7	7	6	6	5	5	5	5
22.5°	8	8	8	7	7	6	6	5	5	5	5
21.25°	9	8	8	7	7	6	6	5	5	5	5
20°	9	8	8	7	7	7	6	6	5	5	5
18.75°	9	8	8	8	7	7	6	6	5	5	5
17.5°	9	9	8	8	7	7	6	6	5	5	5
16.25°	9	9	8	8	7	7	6	6	5	5	5
15°	10	9	8	8	7	7	6	6	6	5	5
13.75°	10	9	8	8	8	7	7	6	6	5	5
12.5°	10	9	9	8	8	7	7	6	6	5	5
11.25°	10	9	9	8	8	7	7	6	6	5	5
10°	10	9	9	8	8	7	7	6	6	5	5
8.75°	11	10	9	8	8	7	7	6	6	5	5
7.5°	11	10	9	8	8	7	7	6	6	5	5
6.25°	11	10	9	8	8	7	7	6	6	5	5
5°	11	10	9	8	8	7	7	6	6	5	5
3.75°	11	10	9	8	8	7	7	6	6	5	5
2.5°	11	10	9	8	8	7	7	6	6	5	5
1.25°	11	10	9	8	8	7	7	6	6	5	5
0°	11	10	9	9	8	8	7	7	6	6	5
-1.25°	11	10	9	8	8	7	7	6	6	5	5
-2.5°	11	10	9	8	8	7	7	6	6	5	5
-3.75°	11	10	9	8	8	7	7	6	6	5	5
-5°	11	10	9	8	8	7	7	6	6	5	5
-6.25°	11	10	9	8	8	7	7	6	6	5	5
-7.5°	11	10	9	8	8	7	7	6	6	5	5
-8.75°	11	10	9	8	8	7	7	6	6	5	5
-10°	10	9	9	8	8	7	7	6	6	5	5
-11.25°	10	9	9	8	8	7	7	6	6	5	5
-12.5°	10	9	9	8	8	7	7	6	6	5	5
-13.75°	10	9	8	8	8	7	7	6	6	5	5
-15°	10	9	8	8	7	7	6	6	6	5	5
-16.25°	9	9	8	8	7	7	6	6	5	5	5
-17.5°	9	9	8	8	7	7	6	6	5	5	5
-18.75°	9	8	8	8	7	7	6	6	5	5	5
-20°	9	8	8	7	7	7	6	6	5	5	5
-21.25°	9	8	8	7	7	6	6	5	5	5	5





REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	8	8	8	7	7	6	6	5	5	5	5
-23.75°	8	8	7	7	7	6	6	5	5	5	5
-25°	8	8	7	7	6	6	6	5	5	5	5
-26.25°	8	8	7	7	6	6	5	5	5	5	5
-27.5°	8	7	7	6	6	6	5	5	5	5	5
-28.75°	8	7	7	6	6	5	5	5	5	5	4
-30°	7	7	7	6	6	5	5	5	5	5	4
-31.25°	7	7	6	6	6	5	5	5	5	5	4
-32.5°	7	7	6	6	5	5	5	5	5	4	4
-33.75°	7	6	6	6	5	5	5	5	5	4	4
-35°	6	6	6	5	5	5	5	5	4	4	4
-36.25°	6	6	5	5	5	5	5	5	4	4	4
-37.5°	6	6	5	5	5	5	5	4	4	4	3
-38.75°	6	5	5	5	5	5	5	4	4	4	3
-40°	5	5	5	5	5	5	4	4	4	3	3
-41.25°	5	5	5	5	5	5	4	4	4	3	3
-42.5°	5	5	5	5	5	4	4	4	3	3	3
-43.75°	5	5	5	5	4	4	4	3	3	3	3
-45°	5	5	5	5	4	4	4	3	3	3	3
-46.25°	5	5	5	4	4	4	3	3	3	3	3
-47.5°	5	5	4	4	4	3	3	3	3	3	3
-48.75°	5	4	4	4	3	3	3	3	3	3	3
-50°	4	4	4	3	3	3	3	3	3	3	2
-51.25°	4	4	3	3	3	3	3	3	3	3	2
-52.5°	4	3	3	3	3	3	3	3	3	2	2
-53.75°	3	3	3	3	3	3	3	3	2	2	2
-55°	3	3	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	3	3	2	2	2	2	2
-57.5°	3	3	3	3	3	2	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	3	3	2	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	1
-68.75°	2	2	2	2	2	2	2	2	1	1	1
-70°	2	2	2	2	2	2	2	1	1	1	1
-71.25°	2	2	2	2	2	1	1	1	1	1	1
-72.5°	2	2	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	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	0
-83.75°	1	1	1	1	1	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	1	1	1	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	2	2	1	1	1	1	1	1	1	1	1
63.75°	2	2	2	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	1	1	1
61.25°	2	2	2	2	1	1	1	1	1	1	1
60°	2	2	2	2	2	1	1	1	1	1	1
58.75°	2	2	2	2	2	2	1	1	1	1	1
57.5°	2	2	2	2	2	2	1	1	1	1	1
56.25°	2	2	2	2	2	2	2	1	1	1	1
55°	2	2	2	2	2	2	2	2	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	2	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	1	1
48.75°	2	2	2	2	2	2	2	2	2	2	1
47.5°	3	2	2	2	2	2	2	2	2	2	1
46.25°	3	2	2	2	2	2	2	2	2	2	1
45°	3	3	2	2	2	2	2	2	2	2	2
43.75°	3	3	2	2	2	2	2	2	2	2	2
42.5°	3	3	3	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	2	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	2	2	2	2	2	2



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	3	3	3	3	2	2	2	2	2	2
32.5°	4	3	3	3	3	3	2	2	2	2	2
31.25°	4	3	3	3	3	3	2	2	2	2	2
30°	4	3	3	3	3	3	2	2	2	2	2
28.75°	4	4	3	3	3	3	2	2	2	2	2
27.5°	4	4	3	3	3	3	3	2	2	2	2
26.25°	4	4	3	3	3	3	3	2	2	2	2
25°	4	4	3	3	3	3	3	2	2	2	2
23.75°	4	4	4	3	3	3	3	2	2	2	2
22.5°	5	4	4	3	3	3	3	2	2	2	2
21.25°	5	4	4	3	3	3	3	2	2	2	2
20°	5	4	4	3	3	3	3	2	2	2	2
18.75°	5	4	4	3	3	3	3	3	2	2	2
17.5°	5	4	4	4	3	3	3	3	2	2	2
16.25°	5	5	4	4	3	3	3	3	2	2	2
15°	5	5	4	4	3	3	3	3	2	2	2
13.75°	5	5	4	4	3	3	3	3	2	2	2
12.5°	5	5	4	4	3	3	3	3	2	2	2
11.25°	5	5	4	4	3	3	3	3	2	2	2
10°	5	5	4	4	3	3	3	3	2	2	2
8.75°	5	5	4	4	3	3	3	3	2	2	2
7.5°	5	5	4	4	3	3	3	3	2	2	2
6.25°	5	5	4	4	3	3	3	3	2	2	2
5°	5	5	4	4	3	3	3	3	2	2	2
3.75°	5	5	4	4	3	3	3	3	2	2	2
2.5°	5	5	4	4	3	3	3	3	2	2	2
1.25°	5	5	4	4	3	3	3	3	2	2	2
0°	5	5	5	4	4	3	3	3	3	2	2
-1.25°	5	5	4	4	3	3	3	3	2	2	2
-2.5°	5	5	4	4	3	3	3	3	2	2	2
-3.75°	5	5	4	4	3	3	3	3	2	2	2
-5°	5	5	4	4	3	3	3	3	2	2	2
-6.25°	5	5	4	4	3	3	3	3	2	2	2
-7.5°	5	5	4	4	3	3	3	3	2	2	2
-8.75°	5	5	4	4	3	3	3	3	2	2	2
-10°	5	5	4	4	3	3	3	3	2	2	2
-11.25°	5	5	4	4	3	3	3	3	2	2	2
-12.5°	5	5	4	4	3	3	3	3	2	2	2
-13.75°	5	5	4	4	3	3	3	3	2	2	2
-15°	5	5	4	4	3	3	3	3	2	2	2
-16.25°	5	5	4	4	3	3	3	3	2	2	2
-17.5°	5	4	4	4	3	3	3	3	2	2	2
-18.75°	5	4	4	3	3	3	3	3	2	2	2
-20°	5	4	4	3	3	3	3	2	2	2	2
-21.25°	5	4	4	3	3	3	3	2	2	2	2



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	5	4	4	3	3	3	3	2	2	2	2
-23.75°	4	4	4	3	3	3	3	2	2	2	2
-25°	4	4	3	3	3	3	3	2	2	2	2
-26.25°	4	4	3	3	3	3	3	2	2	2	2
-27.5°	4	4	3	3	3	3	3	2	2	2	2
-28.75°	4	4	3	3	3	3	2	2	2	2	2
-30°	4	3	3	3	3	3	2	2	2	2	2
-31.25°	4	3	3	3	3	3	2	2	2	2	2
-32.5°	4	3	3	3	3	3	2	2	2	2	2
-33.75°	3	3	3	3	3	2	2	2	2	2	2
-35°	3	3	3	3	3	2	2	2	2	2	2
-36.25°	3	3	3	3	3	2	2	2	2	2	2
-37.5°	3	3	3	3	2	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	3	2	2	2	2	2	2	2	2
-43.75°	3	3	2	2	2	2	2	2	2	2	2
-45°	3	3	2	2	2	2	2	2	2	2	2
-46.25°	3	2	2	2	2	2	2	2	2	2	1
-47.5°	3	2	2	2	2	2	2	2	2	2	1
-48.75°	2	2	2	2	2	2	2	2	2	2	1
-50°	2	2	2	2	2	2	2	2	2	1	1
-51.25°	2	2	2	2	2	2	2	2	2	1	1
-52.5°	2	2	2	2	2	2	2	2	2	1	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	2	1	1	1
-56.25°	2	2	2	2	2	2	2	1	1	1	1
-57.5°	2	2	2	2	2	2	1	1	1	1	1
-58.75°	2	2	2	2	2	2	1	1	1	1	1
-60°	2	2	2	2	2	1	1	1	1	1	1
-61.25°	2	2	2	2	1	1	1	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	2	2	1	1	1	1	1	1	1	1
-65°	2	2	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	0	0



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	1	1	1	1	1	1	1	1	0	0	0
-80°	1	1	1	1	1	1	0	0	0	0	0
-81.25°	1	1	1	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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	1	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	1	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	1	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	1	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	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	1	0	0
40°	2	1	1	1	1	1	1	1	1	0	0
38.75°	2	1	1	1	1	1	1	1	1	0	0
37.5°	2	1	1	1	1	1	1	1	1	0	0
36.25°	2	1	1	1	1	1	1	1	1	0	0
35°	2	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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°	2	2	1	1	1	1	1	1	1	0	0
32.5°	2	2	1	1	1	1	1	1	1	0	0
31.25°	2	2	1	1	1	1	1	1	1	0	0
30°	2	2	1	1	1	1	1	1	1	0	0
28.75°	2	2	1	1	1	1	1	1	1	0	0
27.5°	2	2	1	1	1	1	1	1	1	0	0
26.25°	2	2	1	1	1	1	1	1	1	0	0
25°	2	2	2	1	1	1	1	1	1	0	0
23.75°	2	2	2	1	1	1	1	1	1	0	0
22.5°	2	2	2	1	1	1	1	1	1	0	0
21.25°	2	2	2	1	1	1	1	1	1	0	0
20°	2	2	2	1	1	1	1	1	1	0	0
18.75°	2	2	2	1	1	1	1	1	1	0	0
17.5°	2	2	2	1	1	1	1	1	1	0	0
16.25°	2	2	2	1	1	1	1	1	1	0	0
15°	2	2	2	1	1	1	1	1	1	0	0
13.75°	2	2	2	1	1	1	1	1	1	0	0
12.5°	2	2	2	1	1	1	1	1	1	0	0
11.25°	2	2	2	1	1	1	1	1	1	0	0
10°	2	2	2	1	1	1	1	1	1	0	0
8.75°	2	2	2	1	1	1	1	1	1	0	0
7.5°	2	2	2	1	1	1	1	1	1	0	0
6.25°	2	2	2	1	1	1	1	1	1	0	0
5°	2	2	2	1	1	1	1	1	1	0	0
3.75°	2	2	2	1	1	1	1	1	1	0	0
2.5°	2	2	2	1	1	1	1	1	1	0	0
1.25°	2	2	2	1	1	1	1	1	1	0	0
0°	2	2	2	2	1	1	1	1	1	1	0
-1.25°	2	2	2	1	1	1	1	1	1	0	0
-2.5°	2	2	2	1	1	1	1	1	1	0	0
-3.75°	2	2	2	1	1	1	1	1	1	0	0
-5°	2	2	2	1	1	1	1	1	1	0	0
-6.25°	2	2	2	1	1	1	1	1	1	0	0
-7.5°	2	2	2	1	1	1	1	1	1	0	0
-8.75°	2	2	2	1	1	1	1	1	1	0	0
-10°	2	2	2	1	1	1	1	1	1	0	0
-11.25°	2	2	2	1	1	1	1	1	1	0	0
-12.5°	2	2	2	1	1	1	1	1	1	0	0
-13.75°	2	2	2	1	1	1	1	1	1	0	0
-15°	2	2	2	1	1	1	1	1	1	0	0
-16.25°	2	2	2	1	1	1	1	1	1	0	0
-17.5°	2	2	2	1	1	1	1	1	1	0	0
-18.75°	2	2	2	1	1	1	1	1	1	0	0
-20°	2	2	2	1	1	1	1	1	1	0	0
-21.25°	2	2	2	1	1	1	1	1	1	0	0





REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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	2	2	1	1	1	1	1	1	0	0
-23.75°	2	2	2	1	1	1	1	1	1	0	0
-25°	2	2	2	1	1	1	1	1	1	0	0
-26.25°	2	2	1	1	1	1	1	1	1	0	0
-27.5°	2	2	1	1	1	1	1	1	1	0	0
-28.75°	2	2	1	1	1	1	1	1	1	0	0
-30°	2	2	1	1	1	1	1	1	1	0	0
-31.25°	2	2	1	1	1	1	1	1	1	0	0
-32.5°	2	2	1	1	1	1	1	1	1	0	0
-33.75°	2	2	1	1	1	1	1	1	1	0	0
-35°	2	1	1	1	1	1	1	1	1	0	0
-36.25°	2	1	1	1	1	1	1	1	1	0	0
-37.5°	2	1	1	1	1	1	1	1	1	0	0
-38.75°	2	1	1	1	1	1	1	1	1	0	0
-40°	2	1	1	1	1	1	1	1	1	0	0
-41.25°	1	1	1	1	1	1	1	1	1	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	1	1	1	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	1	1	0	0	0	0	0	0	0
-71.25°	1	1	1	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	1	0	0	0	0	0	0	0	0	0
-75°	1	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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: P29477 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-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)