

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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

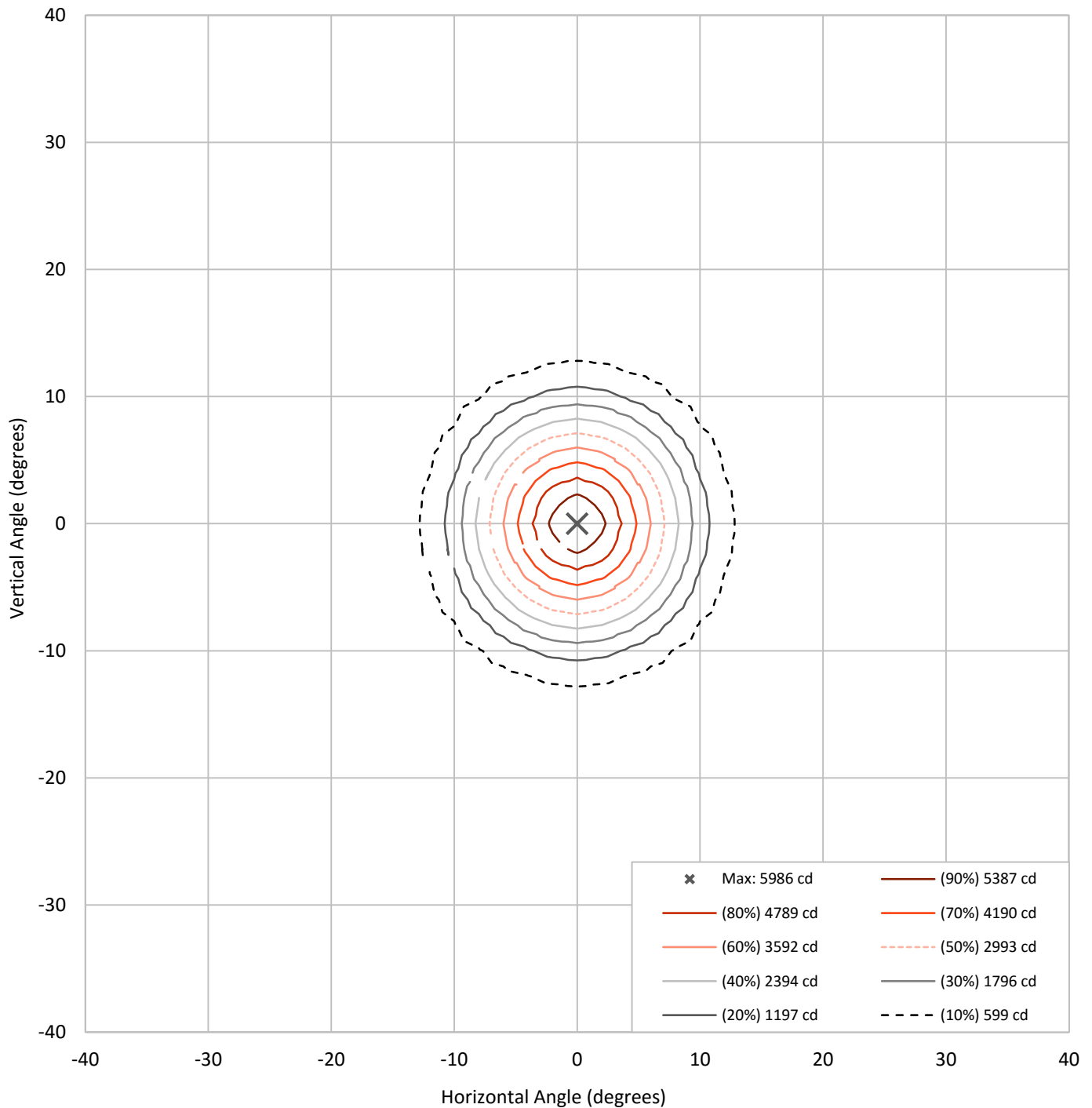
Test Method: LM-79-08  
Report Number: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS, SPOT OPTIC, WHITE HOUSING.  
Light Source: (1) 4000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	474.3 lumens	Max Intensity:	5986 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	47.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14.3°H x 14.3°V	Field Angle (10%):	25.1°H x 25.1°V
Beam Lumens:	193.7 lumens	Field Lumens:	358.1 lumens
Beam Efficiency:	40.8%	Field Efficiency:	75.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

### Iso-Candela Plot





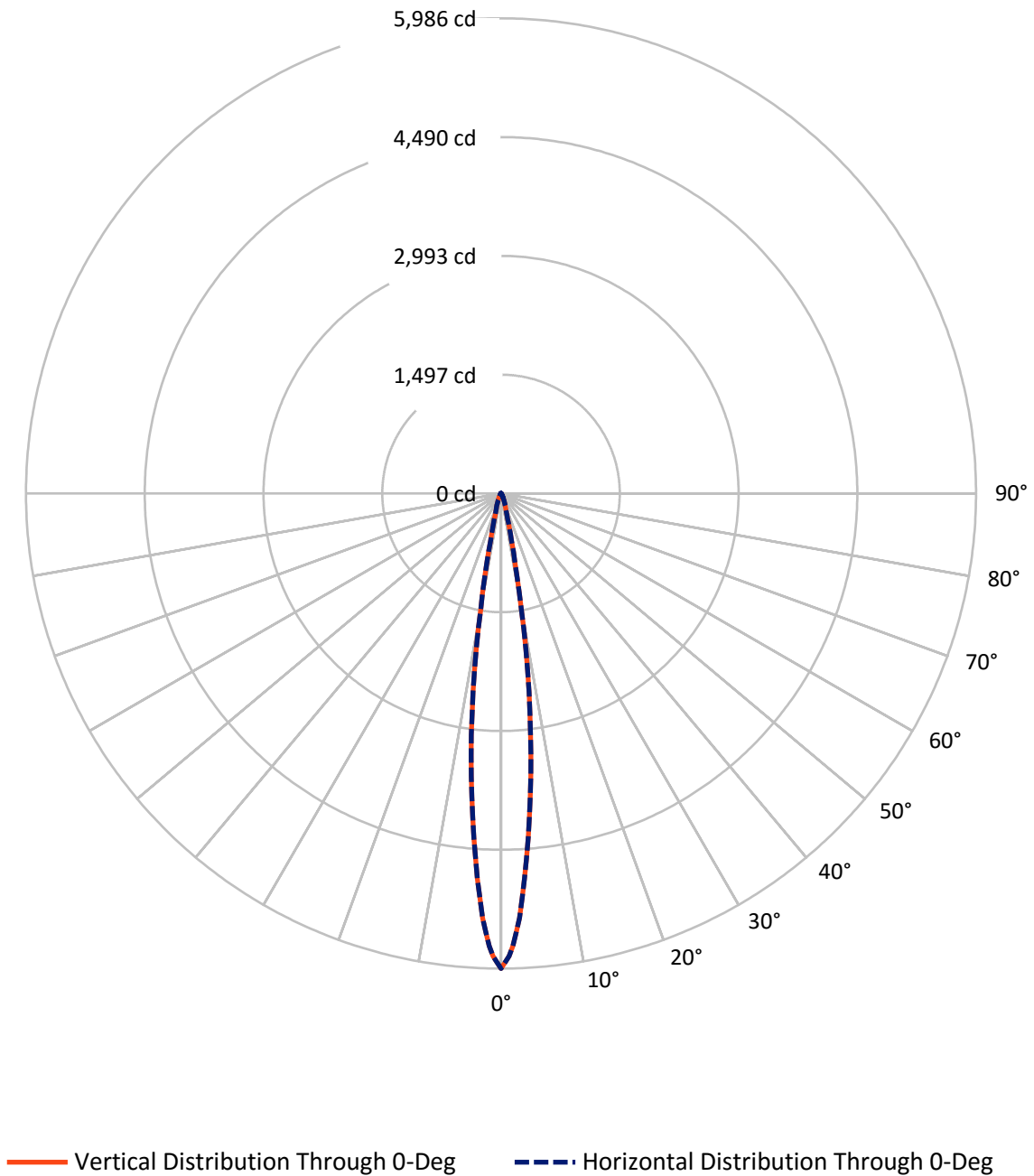
REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

### 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	0.1	0.0	0.0	0.0
60		0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	
50	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
40		0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.1	
30	0.0	0.0	0.1	0.1	0.2	0.4	1.0	2.0	2.0	1.0	0.4	0.2	0.1	0.1	0.0
20		0.0	0.1	0.1	0.3	1.0	3.8	10.4	10.4	3.8	1.0	0.3	0.1	0.1	
10	0.0	0.0	0.1	0.1	0.3	1.8	10.2	83.0	83.0	10.2	1.8	0.3	0.1	0.1	0.0
0		0.0	0.1	0.1	0.3	1.8	10.2	83.0	83.0	10.2	1.8	0.3	0.1	0.1	
-10	0.0	0.0	0.1	0.1	0.3	1.0	3.8	10.4	10.4	3.8	1.0	0.3	0.1	0.1	0.0
-20		0.0	0.1	0.1	0.2	0.4	1.0	2.0	2.0	1.0	0.4	0.2	0.1	0.1	
-30	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.0
-40		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	
-50	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	
-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	0.1	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	0.1	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	0.1	0.0	0.0	0.0	

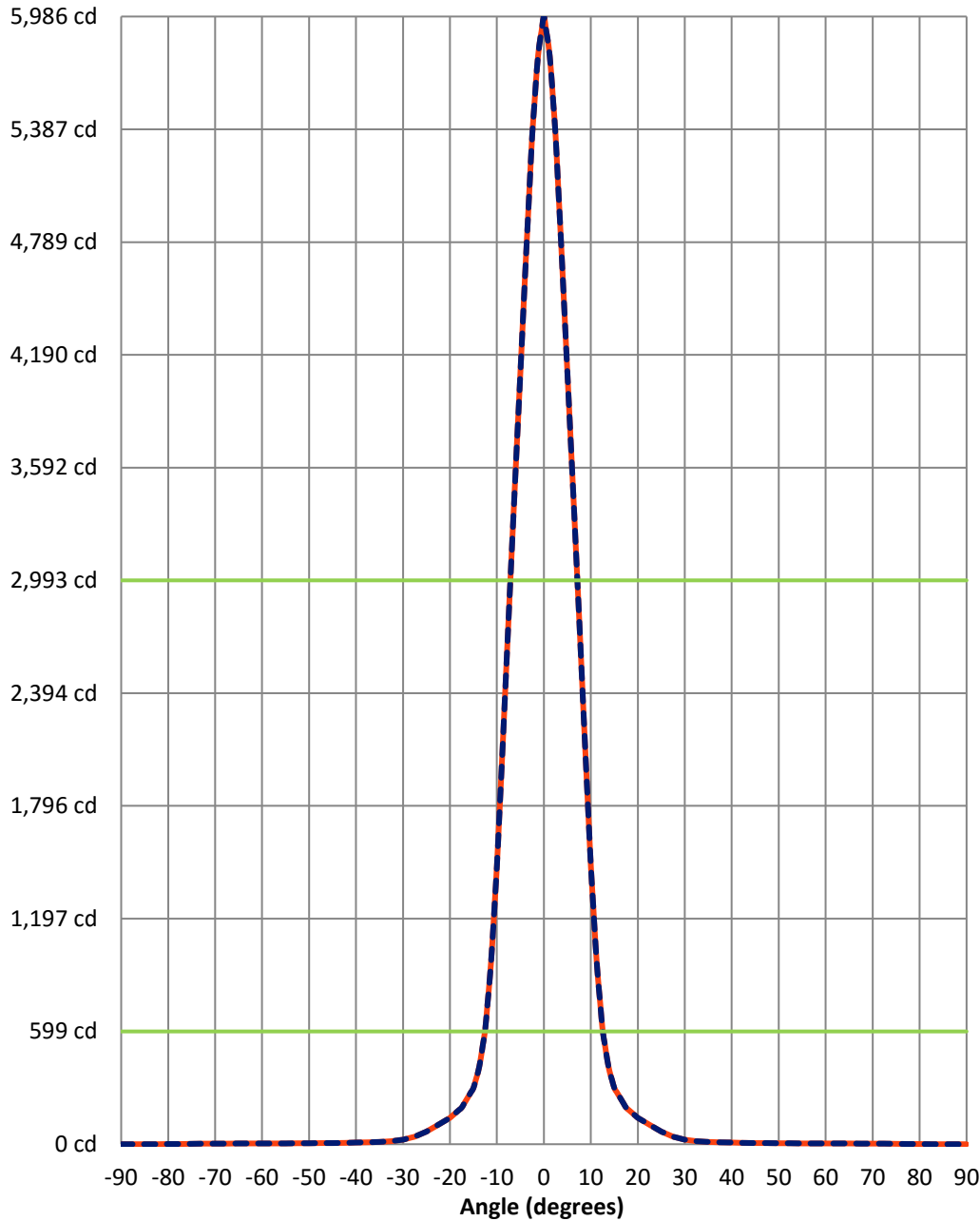
REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

### Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 14.3°  
 V Angle: 14.3°  
 Lumens: 193.7  
 Efficiency: 40.8%

**Field:**  
 H Angle: 25.1°  
 V Angle: 25.1°  
 Lumens: 358.1  
 Efficiency: 75.5%

**Spill:**  
 Lumens: 116.3  
 Efficiency: 24.5%

— 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	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	1
43.75°	0	0	0	0	0	0	0	0	0	0	1
42.5°	0	0	0	0	0	0	0	0	0	0	1
41.25°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	0	1
38.75°	0	0	0	0	0	0	0	0	0	1	1
37.5°	0	0	0	0	0	0	0	0	0	1	1
36.25°	0	0	0	0	0	0	0	0	0	1	1
35°	0	0	0	0	0	0	0	0	0	1	1



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	1	1	1	2	2	3	3	3	3	3	3
32.5°	1	1	1	2	2	3	3	3	3	3	3
31.25°	1	1	2	2	2	3	3	3	3	3	3
30°	1	1	2	2	2	3	3	3	3	3	3
28.75°	1	1	2	2	3	3	3	3	3	3	3
27.5°	1	1	2	2	3	3	3	3	3	3	3
26.25°	1	1	2	2	3	3	3	3	3	3	3
25°	1	1	2	2	3	3	3	3	3	3	3
23.75°	1	1	2	2	3	3	3	3	3	3	4
22.5°	1	2	2	2	3	3	3	3	3	3	4
21.25°	1	2	2	3	3	3	3	3	3	3	4
20°	1	2	2	3	3	3	3	3	3	3	4
18.75°	1	2	2	3	3	3	3	3	3	3	4
17.5°	1	2	2	3	3	3	3	3	3	4	4
16.25°	1	2	2	3	3	3	3	3	3	4	4
15°	1	2	2	3	3	3	3	3	3	4	4
13.75°	1	2	2	3	3	3	3	3	3	4	4
12.5°	1	2	2	3	3	3	3	3	3	4	4
11.25°	1	2	2	3	3	3	3	3	3	4	4
10°	1	2	2	3	3	3	3	3	3	4	4
8.75°	1	2	2	3	3	3	3	3	3	4	4
7.5°	1	2	2	3	3	3	3	3	3	4	4
6.25°	1	2	2	3	3	3	3	3	3	4	4
5°	1	2	2	3	3	3	3	3	3	4	4
3.75°	1	2	2	3	3	3	3	3	3	4	4
2.5°	1	2	2	3	3	3	3	3	3	4	4
1.25°	1	2	2	3	3	3	3	3	3	4	4
0°	2	2	3	3	3	3	3	3	4	4	4
-1.25°	1	2	2	3	3	3	3	3	3	4	4
-2.5°	1	2	2	3	3	3	3	3	3	4	4
-3.75°	1	2	2	3	3	3	3	3	3	4	4
-5°	1	2	2	3	3	3	3	3	3	4	4
-6.25°	1	2	2	3	3	3	3	3	3	4	4
-7.5°	1	2	2	3	3	3	3	3	3	4	4
-8.75°	1	2	2	3	3	3	3	3	3	4	4
-10°	1	2	2	3	3	3	3	3	3	4	4
-11.25°	1	2	2	3	3	3	3	3	3	4	4
-12.5°	1	2	2	3	3	3	3	3	3	4	4
-13.75°	1	2	2	3	3	3	3	3	3	4	4
-15°	1	2	2	3	3	3	3	3	3	4	4
-16.25°	1	2	2	3	3	3	3	3	3	4	4
-17.5°	1	2	2	3	3	3	3	3	3	4	4
-18.75°	1	2	2	3	3	3	3	3	3	3	4
-20°	1	2	2	3	3	3	3	3	3	3	4
-21.25°	1	2	2	3	3	3	3	3	3	3	4



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	2	2	2	3	3	3	3	3	3	4
-23.75°	1	1	2	2	3	3	3	3	3	3	4
-25°	1	1	2	2	3	3	3	3	3	3	3
-26.25°	1	1	2	2	3	3	3	3	3	3	3
-27.5°	1	1	2	2	3	3	3	3	3	3	3
-28.75°	1	1	2	2	3	3	3	3	3	3	3
-30°	1	1	2	2	2	3	3	3	3	3	3
-31.25°	1	1	2	2	2	3	3	3	3	3	3
-32.5°	1	1	1	2	2	3	3	3	3	3	3
-33.75°	1	1	1	2	2	3	3	3	3	3	3
-35°	1	1	1	2	2	3	3	3	3	3	3
-36.25°	1	1	1	2	2	2	3	3	3	3	3
-37.5°	1	1	1	2	2	2	3	3	3	3	3
-38.75°	1	1	1	1	2	2	3	3	3	3	3
-40°	1	1	1	1	2	2	2	3	3	3	3
-41.25°	1	1	1	1	2	2	2	3	3	3	3
-42.5°	1	1	1	1	1	2	2	3	3	3	3
-43.75°	1	1	1	1	1	2	2	2	3	3	3
-45°	1	1	1	1	1	2	2	2	3	3	3
-46.25°	1	1	1	1	1	1	2	2	2	3	3
-47.5°	1	1	1	1	1	1	2	2	2	3	3
-48.75°	1	1	1	1	1	1	2	2	2	2	3
-50°	1	1	1	1	1	1	1	2	2	2	3
-51.25°	0	1	1	1	1	1	1	2	2	2	2
-52.5°	0	1	1	1	1	1	1	1	2	2	2
-53.75°	0	1	1	1	1	1	1	1	2	2	2
-55°	0	0	1	1	1	1	1	1	1	2	2
-56.25°	0	0	1	1	1	1	1	1	1	1	2
-57.5°	0	0	0	1	1	1	1	1	1	1	1
-58.75°	0	0	0	1	1	1	1	1	1	1	1
-60°	0	0	0	0	1	1	1	1	1	1	1
-61.25°	0	0	0	0	1	1	1	1	1	1	1
-62.5°	0	0	0	0	0	1	1	1	1	1	1
-63.75°	0	0	0	0	0	0	1	1	1	1	1
-65°	0	0	0	0	0	0	1	1	1	1	1
-66.25°	0	0	0	0	0	0	0	1	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	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	3	4	4	4	4	4	4	4	4	4
32.5°	3	4	4	4	4	4	4	4	4	4	4
31.25°	3	4	4	4	4	4	4	4	4	4	4
30°	3	4	4	4	4	4	4	4	4	4	4
28.75°	4	4	4	4	4	4	4	4	4	4	4
27.5°	4	4	4	4	4	4	4	4	4	4	4
26.25°	4	4	4	4	4	4	4	4	4	4	4
25°	4	4	4	4	4	4	4	4	4	4	4
23.75°	4	4	4	4	4	4	4	4	4	4	4
22.5°	4	4	4	4	4	4	4	4	4	4	5
21.25°	4	4	4	4	4	4	4	4	4	4	5
20°	4	4	4	4	4	4	4	4	4	4	5
18.75°	4	4	4	4	4	4	4	4	4	5	5
17.5°	4	4	4	4	4	4	4	4	4	5	5
16.25°	4	4	4	4	4	4	4	4	4	5	5
15°	4	4	4	4	4	4	4	4	4	5	5
13.75°	4	4	4	4	4	4	4	4	5	5	5
12.5°	4	4	4	4	4	4	4	4	5	5	5
11.25°	4	4	4	4	4	4	4	4	5	5	5
10°	4	4	4	4	4	4	4	4	5	5	5
8.75°	4	4	4	4	4	4	4	4	5	5	5
7.5°	4	4	4	4	4	4	4	4	5	5	5
6.25°	4	4	4	4	4	4	4	4	5	5	5
5°	4	4	4	4	4	4	4	4	5	5	5
3.75°	4	4	4	4	4	4	4	4	5	5	5
2.5°	4	4	4	4	4	4	4	4	5	5	5
1.25°	4	4	4	4	4	4	4	4	5	5	5
0°	4	4	4	4	4	4	4	5	5	5	5
-1.25°	4	4	4	4	4	4	4	4	5	5	5
-2.5°	4	4	4	4	4	4	4	4	5	5	5
-3.75°	4	4	4	4	4	4	4	4	5	5	5
-5°	4	4	4	4	4	4	4	4	5	5	5
-6.25°	4	4	4	4	4	4	4	4	5	5	5
-7.5°	4	4	4	4	4	4	4	4	5	5	5
-8.75°	4	4	4	4	4	4	4	4	5	5	5
-10°	4	4	4	4	4	4	4	4	5	5	5
-11.25°	4	4	4	4	4	4	4	4	5	5	5
-12.5°	4	4	4	4	4	4	4	4	5	5	5
-13.75°	4	4	4	4	4	4	4	4	5	5	5
-15°	4	4	4	4	4	4	4	4	4	5	5
-16.25°	4	4	4	4	4	4	4	4	4	5	5
-17.5°	4	4	4	4	4	4	4	4	4	5	5
-18.75°	4	4	4	4	4	4	4	4	4	5	5
-20°	4	4	4	4	4	4	4	4	4	4	5
-21.25°	4	4	4	4	4	4	4	4	4	4	5





REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	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	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	2	2
71.25°	1	1	1	1	1	1	2	2	2	2	2
70°	1	1	1	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	3	3	3
67.5°	2	2	2	2	2	3	3	3	3	3	3
66.25°	2	2	2	3	3	3	3	3	3	3	3
65°	2	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	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	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	3	4	4	4	4	4	4	4	4	4
52.5°	3	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	5
41.25°	4	4	4	4	4	4	4	4	4	5	5
40°	4	4	4	4	4	4	4	4	5	5	5
38.75°	4	4	4	4	4	4	4	5	5	5	5
37.5°	4	4	4	4	4	4	5	5	5	5	5
36.25°	4	4	4	4	4	5	5	5	5	5	5
35°	4	4	4	4	5	5	5	5	5	5	6



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	4	4	4	4	5	5	5	5	5	6	6
32.5°	4	4	4	5	5	5	5	5	5	6	6
31.25°	4	4	4	5	5	5	5	5	6	6	6
30°	4	4	5	5	5	5	5	6	6	6	6
28.75°	4	5	5	5	5	5	5	6	6	6	6
27.5°	4	5	5	5	5	5	6	6	6	6	6
26.25°	5	5	5	5	5	6	6	6	6	6	7
25°	5	5	5	5	5	6	6	6	6	6	7
23.75°	5	5	5	5	6	6	6	6	6	7	7
22.5°	5	5	5	5	6	6	6	6	6	7	8
21.25°	5	5	5	5	6	6	6	6	7	7	8
20°	5	5	5	6	6	6	6	6	7	8	8
18.75°	5	5	5	6	6	6	6	7	7	8	9
17.5°	5	5	6	6	6	6	6	7	7	8	9
16.25°	5	5	6	6	6	6	6	7	8	9	9
15°	5	5	6	6	6	6	7	7	8	9	9
13.75°	5	5	6	6	6	6	7	7	8	9	10
12.5°	5	6	6	6	6	6	7	8	9	9	10
11.25°	5	6	6	6	6	7	7	8	9	9	10
10°	5	6	6	6	6	7	7	8	9	10	10
8.75°	5	6	6	6	6	7	7	8	9	10	10
7.5°	5	6	6	6	6	7	8	9	9	10	10
6.25°	5	6	6	6	6	7	8	9	9	10	11
5°	5	6	6	6	6	7	8	9	9	10	11
3.75°	5	6	6	6	6	7	8	9	9	10	11
2.5°	5	6	6	6	6	7	8	9	9	10	11
1.25°	5	6	6	6	6	7	8	9	9	10	11
0°	6	6	6	6	7	7	8	9	10	10	11
-1.25°	5	6	6	6	6	7	8	9	9	10	11
-2.5°	5	6	6	6	6	7	8	9	9	10	11
-3.75°	5	6	6	6	6	7	8	9	9	10	11
-5°	5	6	6	6	6	7	8	9	9	10	11
-6.25°	5	6	6	6	6	7	8	9	9	10	11
-7.5°	5	6	6	6	6	7	8	9	9	10	10
-8.75°	5	6	6	6	6	7	7	8	9	10	10
-10°	5	6	6	6	6	7	7	8	9	10	10
-11.25°	5	6	6	6	6	7	7	8	9	9	10
-12.5°	5	6	6	6	6	6	7	8	9	9	10
-13.75°	5	5	6	6	6	6	7	7	8	9	10
-15°	5	5	6	6	6	6	7	7	8	9	9
-16.25°	5	5	6	6	6	6	6	7	8	9	9
-17.5°	5	5	6	6	6	6	6	7	7	8	9
-18.75°	5	5	5	6	6	6	6	7	7	8	9
-20°	5	5	5	6	6	6	6	6	7	8	8
-21.25°	5	5	5	5	6	6	6	6	7	7	8



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	5	5	5	5	6	6	6	6	6	7	8
-23.75°	5	5	5	5	6	6	6	6	6	7	7
-25°	5	5	5	5	5	6	6	6	6	6	7
-26.25°	5	5	5	5	5	6	6	6	6	6	7
-27.5°	4	5	5	5	5	5	6	6	6	6	6
-28.75°	4	5	5	5	5	5	5	6	6	6	6
-30°	4	4	5	5	5	5	5	6	6	6	6
-31.25°	4	4	4	5	5	5	5	5	6	6	6
-32.5°	4	4	4	5	5	5	5	5	5	6	6
-33.75°	4	4	4	4	5	5	5	5	5	6	6
-35°	4	4	4	4	5	5	5	5	5	5	6
-36.25°	4	4	4	4	4	5	5	5	5	5	5
-37.5°	4	4	4	4	4	4	5	5	5	5	5
-38.75°	4	4	4	4	4	4	4	5	5	5	5
-40°	4	4	4	4	4	4	4	4	5	5	5
-41.25°	4	4	4	4	4	4	4	4	4	5	5
-42.5°	4	4	4	4	4	4	4	4	4	4	5
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	4	4	4	4	4	4	4	4	4	4
-53.75°	3	3	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	4	4	4	4	4	4
-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°	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	3	3	3	3	3	3	3	3	3	3
-66.25°	2	2	2	3	3	3	3	3	3	3	3
-67.5°	2	2	2	2	2	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	2	3	3	3
-70°	1	1	1	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	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°	0	0	0	1	1	1	1	1	1	1	1



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	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	3	3	3	3	3	3
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°	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	4
60°	4	4	4	4	4	4	4	4	4	4	4
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°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	5
48.75°	4	4	4	4	4	4	4	5	5	5	5
47.5°	4	4	4	4	4	5	5	5	5	5	5
46.25°	4	4	4	4	5	5	5	5	5	5	5
45°	4	4	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	6	6
42.5°	5	5	5	5	5	5	5	6	6	6	6
41.25°	5	5	5	5	5	5	6	6	6	6	6
40°	5	5	5	5	6	6	6	6	6	6	6
38.75°	5	5	5	6	6	6	6	6	6	6	6
37.5°	5	6	6	6	6	6	6	6	6	7	7
36.25°	6	6	6	6	6	6	6	7	7	7	8
35°	6	6	6	6	6	6	7	7	7	8	8



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	6	6	6	6	6	7	7	8	8	9	9
32.5°	6	6	6	6	7	7	8	8	9	9	9
31.25°	6	6	6	7	7	8	8	9	9	10	10
30°	6	6	7	7	8	9	9	9	10	10	11
28.75°	6	7	7	8	9	9	9	10	10	11	11
27.5°	7	7	8	8	9	9	10	10	11	11	12
26.25°	7	8	8	9	9	10	10	11	11	12	14
25°	7	8	9	9	10	10	11	11	12	14	15
23.75°	8	9	9	10	10	11	11	12	14	15	17
22.5°	8	9	9	10	11	11	12	14	15	17	20
21.25°	9	9	10	10	11	12	13	15	16	19	22
20°	9	10	10	11	12	13	14	16	19	22	26
18.75°	9	10	10	11	12	14	15	18	21	25	31
17.5°	10	10	11	12	13	15	17	20	23	29	35
16.25°	10	10	11	12	14	16	19	22	27	34	40
15°	10	11	12	13	15	17	21	24	31	38	47
13.75°	10	11	12	14	16	19	22	28	35	43	54
12.5°	10	11	13	15	17	20	24	31	38	49	61
11.25°	11	12	13	15	18	22	27	34	43	55	67
10°	11	12	14	16	19	23	30	37	47	60	74
8.75°	11	12	14	17	20	24	32	40	52	65	81
7.5°	11	13	15	17	21	26	34	43	56	69	86
6.25°	12	13	15	18	22	28	36	46	59	74	91
5°	12	13	15	19	23	29	37	49	62	78	96
3.75°	12	14	16	19	23	31	38	51	64	81	99
2.5°	12	14	16	20	24	31	39	52	66	83	101
1.25°	12	14	16	20	24	32	40	53	67	85	103
0°	12	14	16	20	24	32	40	54	67	85	103
-1.25°	12	14	16	20	24	32	40	53	67	85	103
-2.5°	12	14	16	20	24	31	39	52	66	83	101
-3.75°	12	14	16	19	23	31	38	51	64	81	99
-5°	12	13	15	19	23	29	37	49	62	78	96
-6.25°	12	13	15	18	22	28	36	46	59	74	91
-7.5°	11	13	15	17	21	26	34	43	56	69	86
-8.75°	11	12	14	17	20	24	32	40	52	65	81
-10°	11	12	14	16	19	23	30	37	47	60	74
-11.25°	11	12	13	15	18	22	27	34	43	55	67
-12.5°	10	11	13	15	17	20	24	31	38	49	61
-13.75°	10	11	12	14	16	19	22	28	35	43	54
-15°	10	11	12	13	15	17	21	24	31	38	47
-16.25°	10	10	11	12	14	16	19	22	27	34	40
-17.5°	10	10	11	12	13	15	17	20	23	29	35
-18.75°	9	10	10	11	12	14	15	18	21	25	31
-20°	9	10	10	11	12	13	14	16	19	22	26
-21.25°	9	9	10	10	11	12	13	15	16	19	22





REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	8	9	9	10	11	11	12	14	15	17	20
-23.75°	8	9	9	10	10	11	11	12	14	15	17
-25°	7	8	9	9	10	10	11	11	12	14	15
-26.25°	7	8	8	9	9	10	10	11	11	12	14
-27.5°	7	7	8	8	9	9	10	10	11	11	12
-28.75°	6	7	7	8	9	9	9	10	10	11	11
-30°	6	6	7	7	8	9	9	9	10	10	11
-31.25°	6	6	6	7	7	8	8	9	9	10	10
-32.5°	6	6	6	6	7	7	8	8	9	9	9
-33.75°	6	6	6	6	6	7	7	8	8	9	9
-35°	6	6	6	6	6	6	7	7	7	8	8
-36.25°	6	6	6	6	6	6	6	7	7	7	8
-37.5°	5	6	6	6	6	6	6	6	6	7	7
-38.75°	5	5	5	6	6	6	6	6	6	6	6
-40°	5	5	5	5	6	6	6	6	6	6	6
-41.25°	5	5	5	5	5	5	6	6	6	6	6
-42.5°	5	5	5	5	5	5	5	6	6	6	6
-43.75°	5	5	5	5	5	5	5	5	5	6	6
-45°	4	4	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	5	5	5	5	5	5
-48.75°	4	4	4	4	4	4	4	5	5	5	5
-50°	4	4	4	4	4	4	4	4	4	4	5
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	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	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	4	4	4	4	4	4	4	4	4
-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°	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	3	3	3	3	3	3
-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	1	1	1	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	0	0	0	0	0	1	1	1	1	1	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	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	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°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
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°	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	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
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°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	5	5	5	5	5
51.25°	4	4	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	6	6	6	6
46.25°	5	5	5	6	6	6	6	6	6	6	6
45°	5	6	6	6	6	6	6	6	6	6	6
43.75°	6	6	6	6	6	6	6	6	6	6	6
42.5°	6	6	6	6	6	6	6	6	7	7	7
41.25°	6	6	6	6	6	7	7	7	7	7	7
40°	6	6	7	7	7	7	7	8	8	8	8
38.75°	7	7	7	7	8	8	8	9	9	9	9
37.5°	7	8	8	8	9	9	9	9	9	10	10
36.25°	8	8	9	9	9	9	10	10	10	10	10
35°	9	9	9	10	10	10	10	10	11	11	11



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	9	10	10	10	10	11	11	11	12	12	12
32.5°	10	10	10	11	11	12	12	13	13	14	14
31.25°	10	11	11	12	12	13	14	15	15	16	17
30°	11	12	12	13	14	15	16	17	18	19	20
28.75°	12	13	14	15	16	17	19	20	22	23	24
27.5°	13	14	15	17	19	21	22	24	27	30	32
26.25°	15	16	18	20	22	24	28	31	34	37	40
25°	16	19	21	23	27	31	35	38	43	47	52
23.75°	19	22	25	29	34	38	43	49	55	60	65
22.5°	22	26	31	35	40	47	54	61	67	74	81
21.25°	26	31	36	43	51	58	66	74	83	90	97
20°	31	37	44	53	61	70	80	89	98	106	114
18.75°	36	44	53	62	72	84	94	104	114	123	131
17.5°	43	53	62	73	86	97	109	119	130	139	151
16.25°	51	61	72	86	98	111	123	134	147	161	175
15°	58	70	84	97	111	124	136	152	169	184	202
13.75°	66	80	94	109	123	136	154	172	190	217	246
12.5°	74	89	104	119	134	152	172	192	225	258	289
11.25°	83	98	114	130	147	169	190	225	262	298	358
10°	90	106	123	139	161	184	217	258	298	367	469
8.75°	97	114	131	151	175	202	246	289	358	469	639
7.5°	103	121	138	162	186	226	272	333	439	612	873
6.25°	109	126	146	171	199	247	295	381	534	785	1151
5°	113	131	153	179	216	265	328	445	650	981	1447
3.75°	117	135	159	186	229	279	356	497	761	1180	1726
2.5°	119	138	164	190	238	290	379	556	868	1343	1939
1.25°	121	139	166	193	244	296	400	595	933	1443	2077
0°	122	140	167	194	246	298	407	608	955	1477	2124
-1.25°	121	139	166	193	244	296	400	595	933	1443	2077
-2.5°	119	138	164	190	238	290	379	556	868	1343	1939
-3.75°	117	135	159	186	229	279	356	497	761	1180	1726
-5°	113	131	153	179	216	265	328	445	650	981	1447
-6.25°	109	126	146	171	199	247	295	381	534	785	1151
-7.5°	103	121	138	162	186	226	272	333	439	612	873
-8.75°	97	114	131	151	175	202	246	289	358	469	639
-10°	90	106	123	139	161	184	217	258	298	367	469
-11.25°	83	98	114	130	147	169	190	225	262	298	358
-12.5°	74	89	104	119	134	152	172	192	225	258	289
-13.75°	66	80	94	109	123	136	154	172	190	217	246
-15°	58	70	84	97	111	124	136	152	169	184	202
-16.25°	51	61	72	86	98	111	123	134	147	161	175
-17.5°	43	53	62	73	86	97	109	119	130	139	151
-18.75°	36	44	53	62	72	84	94	104	114	123	131
-20°	31	37	44	53	61	70	80	89	98	106	114
-21.25°	26	31	36	43	51	58	66	74	83	90	97



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	22	26	31	35	40	47	54	61	67	74	81
-23.75°	19	22	25	29	34	38	43	49	55	60	65
-25°	16	19	21	23	27	31	35	38	43	47	52
-26.25°	15	16	18	20	22	24	28	31	34	37	40
-27.5°	13	14	15	17	19	21	22	24	27	30	32
-28.75°	12	13	14	15	16	17	19	20	22	23	24
-30°	11	12	12	13	14	15	16	17	18	19	20
-31.25°	10	11	11	12	12	13	14	15	15	16	17
-32.5°	10	10	10	11	11	12	12	13	13	14	14
-33.75°	9	10	10	10	10	11	11	11	12	12	12
-35°	9	9	9	10	10	10	10	10	11	11	11
-36.25°	8	8	9	9	9	9	10	10	10	10	10
-37.5°	7	8	8	8	9	9	9	9	9	10	10
-38.75°	7	7	7	7	8	8	8	9	9	9	9
-40°	6	6	7	7	7	7	7	8	8	8	8
-41.25°	6	6	6	6	6	7	7	7	7	7	7
-42.5°	6	6	6	6	6	6	6	6	7	7	7
-43.75°	6	6	6	6	6	6	6	6	6	6	6
-45°	5	6	6	6	6	6	6	6	6	6	6
-46.25°	5	5	5	6	6	6	6	6	6	6	6
-47.5°	5	5	5	5	5	5	5	6	6	6	6
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	5	5	5	5
-53.75°	4	4	4	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	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	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	1	0	0	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	2	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	3	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
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	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
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°	4	4	4	4	4	4	5	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	6	5	5	5	5
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	6	6	6	6	6	6	6	6	6	6	6
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	6	6	6	6	6	6	7	6	6	6	6
42.5°	7	7	7	7	7	7	7	7	7	7	7
41.25°	8	8	8	8	8	8	8	8	8	8	8
40°	9	9	9	9	9	9	9	9	9	9	9
38.75°	9	9	9	9	9	9	10	9	9	9	9
37.5°	10	10	10	10	10	10	10	10	10	10	10
36.25°	10	11	11	11	11	11	11	11	11	11	11
35°	11	12	12	12	12	12	12	12	12	12	12



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	13	13	13	14	14	14	14	14	14	14	13
32.5°	15	15	15	16	16	16	16	16	16	16	15
31.25°	17	18	19	19	20	20	20	20	20	19	19
30°	21	22	23	23	24	24	24	24	24	23	23
28.75°	26	28	29	31	31	32	32	32	31	31	29
27.5°	34	36	37	38	39	40	40	40	39	38	37
26.25°	43	46	49	51	52	53	54	53	52	51	49
25°	56	59	62	64	66	67	67	67	66	64	62
23.75°	69	74	78	81	83	85	85	85	83	81	78
22.5°	86	91	96	99	101	103	103	103	101	99	96
21.25°	103	109	113	117	119	121	122	121	119	117	113
20°	121	126	131	135	138	139	140	139	138	135	131
18.75°	138	146	153	159	164	166	167	166	164	159	153
17.5°	162	171	179	186	190	193	194	193	190	186	179
16.25°	186	199	216	229	238	244	246	244	238	229	216
15°	226	247	265	279	290	296	298	296	290	279	265
13.75°	272	295	328	356	379	400	407	400	379	356	328
12.5°	333	381	445	497	556	595	608	595	556	497	445
11.25°	439	534	650	761	868	933	955	933	868	761	650
10°	612	785	981	1180	1343	1443	1477	1443	1343	1180	981
8.75°	873	1151	1447	1726	1939	2077	2124	2077	1939	1726	1447
7.5°	1216	1604	1986	2324	2582	2744	2800	2744	2582	2324	1986
6.25°	1604	2081	2531	2916	3210	3395	3459	3395	3210	2916	2531
5°	1986	2531	3034	3460	3798	4020	4098	4020	3798	3460	3034
3.75°	2324	2916	3460	3944	4353	4638	4743	4638	4353	3944	3460
2.5°	2582	3210	3798	4353	4853	5220	5352	5220	4853	4353	3798
1.25°	2744	3395	4020	4638	5220	5641	5792	5641	5220	4638	4020
0°	2800	3459	4098	4743	5352	5792	5986	5792	5352	4743	4098
-1.25°	2744	3395	4020	4638	5220	5641	5792	5641	5220	4638	4020
-2.5°	2582	3210	3798	4353	4853	5220	5352	5220	4853	4353	3798
-3.75°	2324	2916	3460	3944	4353	4638	4743	4638	4353	3944	3460
-5°	1986	2531	3034	3460	3798	4020	4098	4020	3798	3460	3034
-6.25°	1604	2081	2531	2916	3210	3395	3459	3395	3210	2916	2531
-7.5°	1216	1604	1986	2324	2582	2744	2800	2744	2582	2324	1986
-8.75°	873	1151	1447	1726	1939	2077	2124	2077	1939	1726	1447
-10°	612	785	981	1180	1343	1443	1477	1443	1343	1180	981
-11.25°	439	534	650	761	868	933	955	933	868	761	650
-12.5°	333	381	445	497	556	595	608	595	556	497	445
-13.75°	272	295	328	356	379	400	407	400	379	356	328
-15°	226	247	265	279	290	296	298	296	290	279	265
-16.25°	186	199	216	229	238	244	246	244	238	229	216
-17.5°	162	171	179	186	190	193	194	193	190	186	179
-18.75°	138	146	153	159	164	166	167	166	164	159	153
-20°	121	126	131	135	138	139	140	139	138	135	131
-21.25°	103	109	113	117	119	121	122	121	119	117	113





REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	86	91	96	99	101	103	103	103	101	99	96
-23.75°	69	74	78	81	83	85	85	85	83	81	78
-25°	56	59	62	64	66	67	67	67	66	64	62
-26.25°	43	46	49	51	52	53	54	53	52	51	49
-27.5°	34	36	37	38	39	40	40	40	39	38	37
-28.75°	26	28	29	31	31	32	32	32	31	31	29
-30°	21	22	23	23	24	24	24	24	24	23	23
-31.25°	17	18	19	19	20	20	20	20	20	19	19
-32.5°	15	15	15	16	16	16	16	16	16	16	15
-33.75°	13	13	13	14	14	14	14	14	14	14	13
-35°	11	12	12	12	12	12	12	12	12	12	12
-36.25°	10	11	11	11	11	11	11	11	11	11	11
-37.5°	10	10	10	10	10	10	10	10	10	10	10
-38.75°	9	9	9	9	9	9	10	9	9	9	9
-40°	9	9	9	9	9	9	9	9	9	9	9
-41.25°	8	8	8	8	8	8	8	8	8	8	8
-42.5°	7	7	7	7	7	7	7	7	7	7	7
-43.75°	6	6	6	6	6	6	7	6	6	6	6
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	6	6	6	6	6	6	6	6	6	6	6
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	6	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	5	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	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	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	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°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	3	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	2	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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	0	0	1	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	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	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°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
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°	4	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	4	4	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	6	6	6	6	6	6	5	5	5	5	5
46.25°	6	6	6	6	6	6	6	6	6	6	5
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	6	6	6	6	6	6	6	6	6	6	6
42.5°	7	7	7	7	7	6	6	6	6	6	6
41.25°	8	8	7	7	7	7	7	7	6	6	6
40°	9	9	8	8	8	8	7	7	7	7	7
38.75°	9	9	9	9	9	9	8	8	8	7	7
37.5°	10	10	10	10	9	9	9	9	9	8	8
36.25°	11	10	10	10	10	10	10	9	9	9	9
35°	12	11	11	11	11	10	10	10	10	10	9



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	13	13	12	12	12	11	11	11	10	10	10
32.5°	15	15	14	14	13	13	12	12	11	11	10
31.25°	18	17	17	16	15	15	14	13	12	12	11
30°	22	21	20	19	18	17	16	15	14	13	12
28.75°	28	26	24	23	22	20	19	17	16	15	14
27.5°	36	34	32	30	27	24	22	21	19	17	15
26.25°	46	43	40	37	34	31	28	24	22	20	18
25°	59	56	52	47	43	38	35	31	27	23	21
23.75°	74	69	65	60	55	49	43	38	34	29	25
22.5°	91	86	81	74	67	61	54	47	40	35	31
21.25°	109	103	97	90	83	74	66	58	51	43	36
20°	126	121	114	106	98	89	80	70	61	53	44
18.75°	146	138	131	123	114	104	94	84	72	62	53
17.5°	171	162	151	139	130	119	109	97	86	73	62
16.25°	199	186	175	161	147	134	123	111	98	86	72
15°	247	226	202	184	169	152	136	124	111	97	84
13.75°	295	272	246	217	190	172	154	136	123	109	94
12.5°	381	333	289	258	225	192	172	152	134	119	104
11.25°	534	439	358	298	262	225	190	169	147	130	114
10°	785	612	469	367	298	258	217	184	161	139	123
8.75°	1151	873	639	469	358	289	246	202	175	151	131
7.5°	1604	1216	873	612	439	333	272	226	186	162	138
6.25°	2081	1604	1151	785	534	381	295	247	199	171	146
5°	2531	1986	1447	981	650	445	328	265	216	179	153
3.75°	2916	2324	1726	1180	761	497	356	279	229	186	159
2.5°	3210	2582	1939	1343	868	556	379	290	238	190	164
1.25°	3395	2744	2077	1443	933	595	400	296	244	193	166
0°	3459	2800	2124	1477	955	608	407	298	246	194	167
-1.25°	3395	2744	2077	1443	933	595	400	296	244	193	166
-2.5°	3210	2582	1939	1343	868	556	379	290	238	190	164
-3.75°	2916	2324	1726	1180	761	497	356	279	229	186	159
-5°	2531	1986	1447	981	650	445	328	265	216	179	153
-6.25°	2081	1604	1151	785	534	381	295	247	199	171	146
-7.5°	1604	1216	873	612	439	333	272	226	186	162	138
-8.75°	1151	873	639	469	358	289	246	202	175	151	131
-10°	785	612	469	367	298	258	217	184	161	139	123
-11.25°	534	439	358	298	262	225	190	169	147	130	114
-12.5°	381	333	289	258	225	192	172	152	134	119	104
-13.75°	295	272	246	217	190	172	154	136	123	109	94
-15°	247	226	202	184	169	152	136	124	111	97	84
-16.25°	199	186	175	161	147	134	123	111	98	86	72
-17.5°	171	162	151	139	130	119	109	97	86	73	62
-18.75°	146	138	131	123	114	104	94	84	72	62	53
-20°	126	121	114	106	98	89	80	70	61	53	44
-21.25°	109	103	97	90	83	74	66	58	51	43	36



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	91	86	81	74	67	61	54	47	40	35	31
-23.75°	74	69	65	60	55	49	43	38	34	29	25
-25°	59	56	52	47	43	38	35	31	27	23	21
-26.25°	46	43	40	37	34	31	28	24	22	20	18
-27.5°	36	34	32	30	27	24	22	21	19	17	15
-28.75°	28	26	24	23	22	20	19	17	16	15	14
-30°	22	21	20	19	18	17	16	15	14	13	12
-31.25°	18	17	17	16	15	15	14	13	12	12	11
-32.5°	15	15	14	14	13	13	12	12	11	11	10
-33.75°	13	13	12	12	12	11	11	11	10	10	10
-35°	12	11	11	11	11	10	10	10	10	10	9
-36.25°	11	10	10	10	10	10	10	9	9	9	9
-37.5°	10	10	10	10	9	9	9	9	9	8	8
-38.75°	9	9	9	9	9	9	8	8	8	7	7
-40°	9	9	8	8	8	8	7	7	7	7	7
-41.25°	8	8	7	7	7	7	7	7	6	6	6
-42.5°	7	7	7	7	7	6	6	6	6	6	6
-43.75°	6	6	6	6	6	6	6	6	6	6	6
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	6	6	6	6	6	6	6	6	6	6	5
-47.5°	6	6	6	6	6	6	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	4	4	4	4
-53.75°	4	4	4	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	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	1	1	1	1	0	0	0
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	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	1
72.5°	3	3	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	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°	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°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
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°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	4	4	4	4	4	4	4	4
48.75°	5	5	5	5	5	5	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	5	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	4	4
45°	6	5	5	5	5	5	5	5	5	5	5
43.75°	6	6	6	6	5	5	5	5	5	5	5
42.5°	6	6	6	6	6	6	5	5	5	5	5
41.25°	6	6	6	6	6	6	6	5	5	5	5
40°	6	6	6	6	6	6	6	6	6	5	5
38.75°	7	7	6	6	6	6	6	6	6	6	5
37.5°	8	7	7	7	6	6	6	6	6	6	6
36.25°	8	8	8	7	7	7	6	6	6	6	6
35°	9	9	8	8	7	7	7	6	6	6	6



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	10	9	9	9	8	8	7	7	6	6	6
32.5°	10	10	9	9	9	8	8	7	7	6	6
31.25°	11	10	10	10	9	9	8	8	7	7	6
30°	12	11	11	10	10	9	9	9	8	7	7
28.75°	13	12	11	11	10	10	9	9	9	8	7
27.5°	14	13	12	11	11	10	10	9	9	8	8
26.25°	16	15	14	12	11	11	10	10	9	9	8
25°	19	16	15	14	12	11	11	10	10	9	9
23.75°	22	19	17	15	14	12	11	11	10	10	9
22.5°	26	22	20	17	15	14	12	11	11	10	9
21.25°	31	26	22	19	16	15	13	12	11	10	10
20°	37	31	26	22	19	16	14	13	12	11	10
18.75°	44	36	31	25	21	18	15	14	12	11	10
17.5°	53	43	35	29	23	20	17	15	13	12	11
16.25°	61	51	40	34	27	22	19	16	14	12	11
15°	70	58	47	38	31	24	21	17	15	13	12
13.75°	80	66	54	43	35	28	22	19	16	14	12
12.5°	89	74	61	49	38	31	24	20	17	15	13
11.25°	98	83	67	55	43	34	27	22	18	15	13
10°	106	90	74	60	47	37	30	23	19	16	14
8.75°	114	97	81	65	52	40	32	24	20	17	14
7.5°	121	103	86	69	56	43	34	26	21	17	15
6.25°	126	109	91	74	59	46	36	28	22	18	15
5°	131	113	96	78	62	49	37	29	23	19	15
3.75°	135	117	99	81	64	51	38	31	23	19	16
2.5°	138	119	101	83	66	52	39	31	24	20	16
1.25°	139	121	103	85	67	53	40	32	24	20	16
0°	140	122	103	85	67	54	40	32	24	20	16
-1.25°	139	121	103	85	67	53	40	32	24	20	16
-2.5°	138	119	101	83	66	52	39	31	24	20	16
-3.75°	135	117	99	81	64	51	38	31	23	19	16
-5°	131	113	96	78	62	49	37	29	23	19	15
-6.25°	126	109	91	74	59	46	36	28	22	18	15
-7.5°	121	103	86	69	56	43	34	26	21	17	15
-8.75°	114	97	81	65	52	40	32	24	20	17	14
-10°	106	90	74	60	47	37	30	23	19	16	14
-11.25°	98	83	67	55	43	34	27	22	18	15	13
-12.5°	89	74	61	49	38	31	24	20	17	15	13
-13.75°	80	66	54	43	35	28	22	19	16	14	12
-15°	70	58	47	38	31	24	21	17	15	13	12
-16.25°	61	51	40	34	27	22	19	16	14	12	11
-17.5°	53	43	35	29	23	20	17	15	13	12	11
-18.75°	44	36	31	25	21	18	15	14	12	11	10
-20°	37	31	26	22	19	16	14	13	12	11	10
-21.25°	31	26	22	19	16	15	13	12	11	10	10





REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	26	22	20	17	15	14	12	11	11	10	9
-23.75°	22	19	17	15	14	12	11	11	10	10	9
-25°	19	16	15	14	12	11	11	10	10	9	9
-26.25°	16	15	14	12	11	11	10	10	9	9	8
-27.5°	14	13	12	11	11	10	10	9	9	8	8
-28.75°	13	12	11	11	10	10	9	9	9	8	7
-30°	12	11	11	10	10	9	9	9	8	7	7
-31.25°	11	10	10	10	9	9	8	8	7	7	6
-32.5°	10	10	9	9	9	8	8	7	7	6	6
-33.75°	10	9	9	9	8	8	7	7	6	6	6
-35°	9	9	8	8	7	7	7	6	6	6	6
-36.25°	8	8	8	7	7	7	6	6	6	6	6
-37.5°	8	7	7	7	6	6	6	6	6	6	6
-38.75°	7	7	6	6	6	6	6	6	6	6	5
-40°	6	6	6	6	6	6	6	6	6	5	5
-41.25°	6	6	6	6	6	6	6	5	5	5	5
-42.5°	6	6	6	6	6	6	5	5	5	5	5
-43.75°	6	6	6	6	5	5	5	5	5	5	5
-45°	6	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	4	4
-47.5°	5	5	5	5	5	5	5	5	4	4	4
-48.75°	5	5	5	5	5	5	4	4	4	4	4
-50°	5	5	5	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	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	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	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	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	2	2	2
-72.5°	3	3	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	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	0	0	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°	2	2	2	2	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	1	1	1	1
70°	3	3	2	2	2	2	2	2	2	2	1
68.75°	3	3	3	3	3	2	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	3	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°	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°	4	4	4	4	4	4	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	5	5	4	4	4	4	4	4	4	4	4
42.5°	5	5	5	4	4	4	4	4	4	4	4
41.25°	5	5	5	5	4	4	4	4	4	4	4
40°	5	5	5	5	5	4	4	4	4	4	4
38.75°	5	5	5	5	5	5	4	4	4	4	4
37.5°	6	5	5	5	5	5	5	4	4	4	4
36.25°	6	6	5	5	5	5	5	5	4	4	4
35°	6	6	6	5	5	5	5	5	5	4	4



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	6	6	6	6	5	5	5	5	5	4	4
32.5°	6	6	6	6	5	5	5	5	5	5	4
31.25°	6	6	6	6	6	5	5	5	5	5	4
30°	6	6	6	6	6	6	5	5	5	5	5
28.75°	7	6	6	6	6	6	5	5	5	5	5
27.5°	7	7	6	6	6	6	6	5	5	5	5
26.25°	8	7	7	6	6	6	6	6	5	5	5
25°	8	7	7	6	6	6	6	6	5	5	5
23.75°	9	8	7	7	6	6	6	6	6	5	5
22.5°	9	8	8	7	6	6	6	6	6	5	5
21.25°	9	9	8	7	7	6	6	6	6	5	5
20°	10	9	8	8	7	6	6	6	6	6	5
18.75°	10	9	9	8	7	7	6	6	6	6	5
17.5°	10	10	9	8	7	7	6	6	6	6	6
16.25°	10	10	9	9	8	7	6	6	6	6	6
15°	11	10	9	9	8	7	7	6	6	6	6
13.75°	11	10	10	9	8	7	7	6	6	6	6
12.5°	11	10	10	9	9	8	7	6	6	6	6
11.25°	12	11	10	9	9	8	7	7	6	6	6
10°	12	11	10	10	9	8	7	7	6	6	6
8.75°	12	11	10	10	9	8	7	7	6	6	6
7.5°	13	11	10	10	9	9	8	7	6	6	6
6.25°	13	12	11	10	9	9	8	7	6	6	6
5°	13	12	11	10	9	9	8	7	6	6	6
3.75°	14	12	11	10	9	9	8	7	6	6	6
2.5°	14	12	11	10	9	9	8	7	6	6	6
1.25°	14	12	11	10	9	9	8	7	6	6	6
0°	14	12	11	10	10	9	8	7	7	6	6
-1.25°	14	12	11	10	9	9	8	7	6	6	6
-2.5°	14	12	11	10	9	9	8	7	6	6	6
-3.75°	14	12	11	10	9	9	8	7	6	6	6
-5°	13	12	11	10	9	9	8	7	6	6	6
-6.25°	13	12	11	10	9	9	8	7	6	6	6
-7.5°	13	11	10	10	9	9	8	7	6	6	6
-8.75°	12	11	10	10	9	8	7	7	6	6	6
-10°	12	11	10	10	9	8	7	7	6	6	6
-11.25°	12	11	10	9	9	8	7	7	6	6	6
-12.5°	11	10	10	9	9	8	7	6	6	6	6
-13.75°	11	10	10	9	8	7	7	6	6	6	6
-15°	11	10	9	9	8	7	7	6	6	6	6
-16.25°	10	10	9	9	8	7	6	6	6	6	6
-17.5°	10	10	9	8	7	7	6	6	6	6	6
-18.75°	10	9	9	8	7	7	6	6	6	6	5
-20°	10	9	8	8	7	6	6	6	6	6	5
-21.25°	9	9	8	7	7	6	6	6	6	5	5



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	9	8	8	7	6	6	6	6	6	5	5
-23.75°	9	8	7	7	6	6	6	6	6	5	5
-25°	8	7	7	6	6	6	6	6	5	5	5
-26.25°	8	7	7	6	6	6	6	6	5	5	5
-27.5°	7	7	6	6	6	6	6	5	5	5	5
-28.75°	7	6	6	6	6	6	5	5	5	5	5
-30°	6	6	6	6	6	6	5	5	5	5	5
-31.25°	6	6	6	6	6	5	5	5	5	5	4
-32.5°	6	6	6	6	5	5	5	5	5	5	4
-33.75°	6	6	6	6	5	5	5	5	5	4	4
-35°	6	6	6	5	5	5	5	5	5	4	4
-36.25°	6	6	5	5	5	5	5	5	4	4	4
-37.5°	6	5	5	5	5	5	5	4	4	4	4
-38.75°	5	5	5	5	5	5	4	4	4	4	4
-40°	5	5	5	5	5	4	4	4	4	4	4
-41.25°	5	5	5	5	4	4	4	4	4	4	4
-42.5°	5	5	5	4	4	4	4	4	4	4	4
-43.75°	5	5	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	3	3	3
-57.5°	4	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	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	2
-67.5°	3	3	3	3	3	3	3	3	2	2	2
-68.75°	3	3	3	3	3	2	2	2	2	2	2
-70°	3	3	2	2	2	2	2	2	2	2	1
-71.25°	2	2	2	2	2	2	2	1	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	0



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	1	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	0
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°	3	2	2	2	2	2	2	1	1	1	1
63.75°	3	3	3	2	2	2	2	2	1	1	1
62.5°	3	3	3	3	3	2	2	2	2	2	1
61.25°	3	3	3	3	3	3	2	2	2	2	2
60°	3	3	3	3	3	3	3	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	4	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	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	3	3	3	3	3	3	3
47.5°	4	4	4	4	4	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	4	3	3	3	3
43.75°	4	4	4	4	4	4	4	3	3	3	3
42.5°	4	4	4	4	4	4	4	4	3	3	3
41.25°	4	4	4	4	4	4	4	4	4	3	3
40°	4	4	4	4	4	4	4	4	4	3	3
38.75°	4	4	4	4	4	4	4	4	4	4	3
37.5°	4	4	4	4	4	4	4	4	4	4	3
36.25°	4	4	4	4	4	4	4	4	4	4	4
35°	4	4	4	4	4	4	4	4	4	4	4



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	3	3	3	3	3	3	3	2	2	1
32.5°	4	3	3	3	3	3	3	3	2	2	1
31.25°	4	3	3	3	3	3	3	3	2	2	2
30°	4	3	3	3	3	3	3	3	2	2	2
28.75°	4	4	3	3	3	3	3	3	3	2	2
27.5°	4	4	3	3	3	3	3	3	3	2	2
26.25°	4	4	3	3	3	3	3	3	3	2	2
25°	4	4	3	3	3	3	3	3	3	2	2
23.75°	4	4	4	3	3	3	3	3	3	2	2
22.5°	4	4	4	3	3	3	3	3	3	2	2
21.25°	4	4	4	3	3	3	3	3	3	3	2
20°	4	4	4	3	3	3	3	3	3	3	2
18.75°	4	4	4	3	3	3	3	3	3	3	2
17.5°	4	4	4	4	3	3	3	3	3	3	2
16.25°	4	4	4	4	3	3	3	3	3	3	2
15°	4	4	4	4	3	3	3	3	3	3	2
13.75°	4	4	4	4	3	3	3	3	3	3	2
12.5°	4	4	4	4	3	3	3	3	3	3	2
11.25°	4	4	4	4	3	3	3	3	3	3	2
10°	4	4	4	4	3	3	3	3	3	3	2
8.75°	4	4	4	4	3	3	3	3	3	3	2
7.5°	4	4	4	4	3	3	3	3	3	3	2
6.25°	4	4	4	4	3	3	3	3	3	3	2
5°	4	4	4	4	3	3	3	3	3	3	2
3.75°	4	4	4	4	3	3	3	3	3	3	2
2.5°	4	4	4	4	3	3	3	3	3	3	2
1.25°	4	4	4	4	3	3	3	3	3	3	2
0°	4	4	4	4	4	3	3	3	3	3	3
-1.25°	4	4	4	4	3	3	3	3	3	3	2
-2.5°	4	4	4	4	3	3	3	3	3	3	2
-3.75°	4	4	4	4	3	3	3	3	3	3	2
-5°	4	4	4	4	3	3	3	3	3	3	2
-6.25°	4	4	4	4	3	3	3	3	3	3	2
-7.5°	4	4	4	4	3	3	3	3	3	3	2
-8.75°	4	4	4	4	3	3	3	3	3	3	2
-10°	4	4	4	4	3	3	3	3	3	3	2
-11.25°	4	4	4	4	3	3	3	3	3	3	2
-12.5°	4	4	4	4	3	3	3	3	3	3	2
-13.75°	4	4	4	4	3	3	3	3	3	3	2
-15°	4	4	4	4	3	3	3	3	3	3	2
-16.25°	4	4	4	4	3	3	3	3	3	3	2
-17.5°	4	4	4	4	3	3	3	3	3	3	2
-18.75°	4	4	4	3	3	3	3	3	3	3	2
-20°	4	4	4	3	3	3	3	3	3	3	2
-21.25°	4	4	4	3	3	3	3	3	3	3	2



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	2	1	1	1	1	0	0	0	0	0	0
-23.75°	1	1	1	1	1	0	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	1	0	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	0	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	1	0	0	0	0	0	0	0
-36.25°	1	1	1	1	0	0	0	0	0	0	0
-37.5°	1	1	1	1	0	0	0	0	0	0	0
-38.75°	1	1	1	1	0	0	0	0	0	0	0
-40°	1	1	1	0	0	0	0	0	0	0	0
-41.25°	1	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	1	0	0	0	0	0	0	0	0
-43.75°	1	1	1	0	0	0	0	0	0	0	0
-45°	1	1	1	0	0	0	0	0	0	0	0
-46.25°	1	1	0	0	0	0	0	0	0	0	0
-47.5°	1	1	0	0	0	0	0	0	0	0	0
-48.75°	1	1	0	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	0	0	0	0	0	0	0	0	0	0
-52.5°	1	0	0	0	0	0	0	0	0	0	0
-53.75°	1	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29417 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)