

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: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

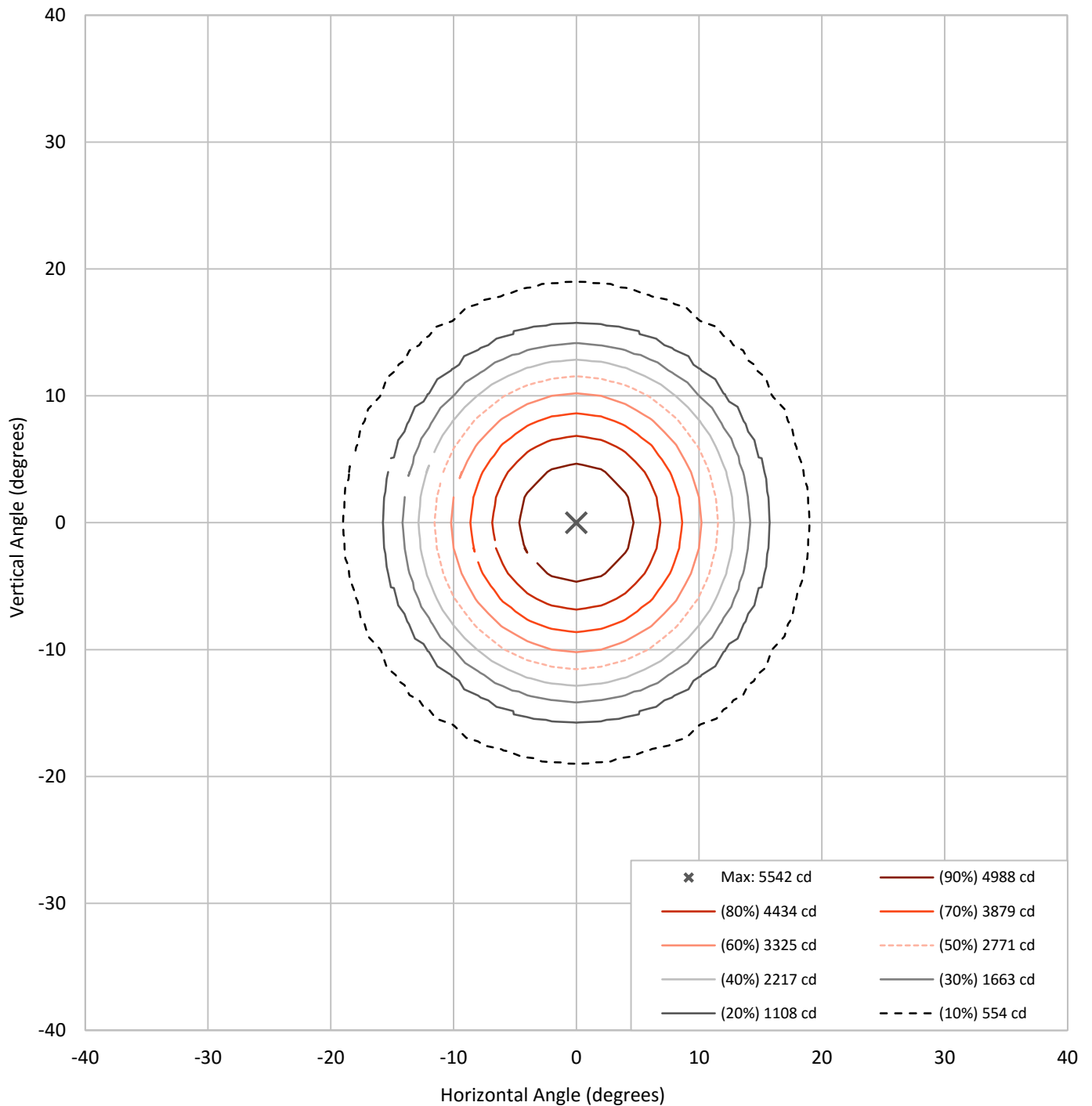
Test Method: LM-79-08  
Report Number: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS, MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 4000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1013.8 lumens	Max Intensity:	5542 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	517 lumens	Field Lumens:	795 lumens
Beam Efficiency:	51.0%	Field Efficiency:	78.4%
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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### Iso-Candela Plot





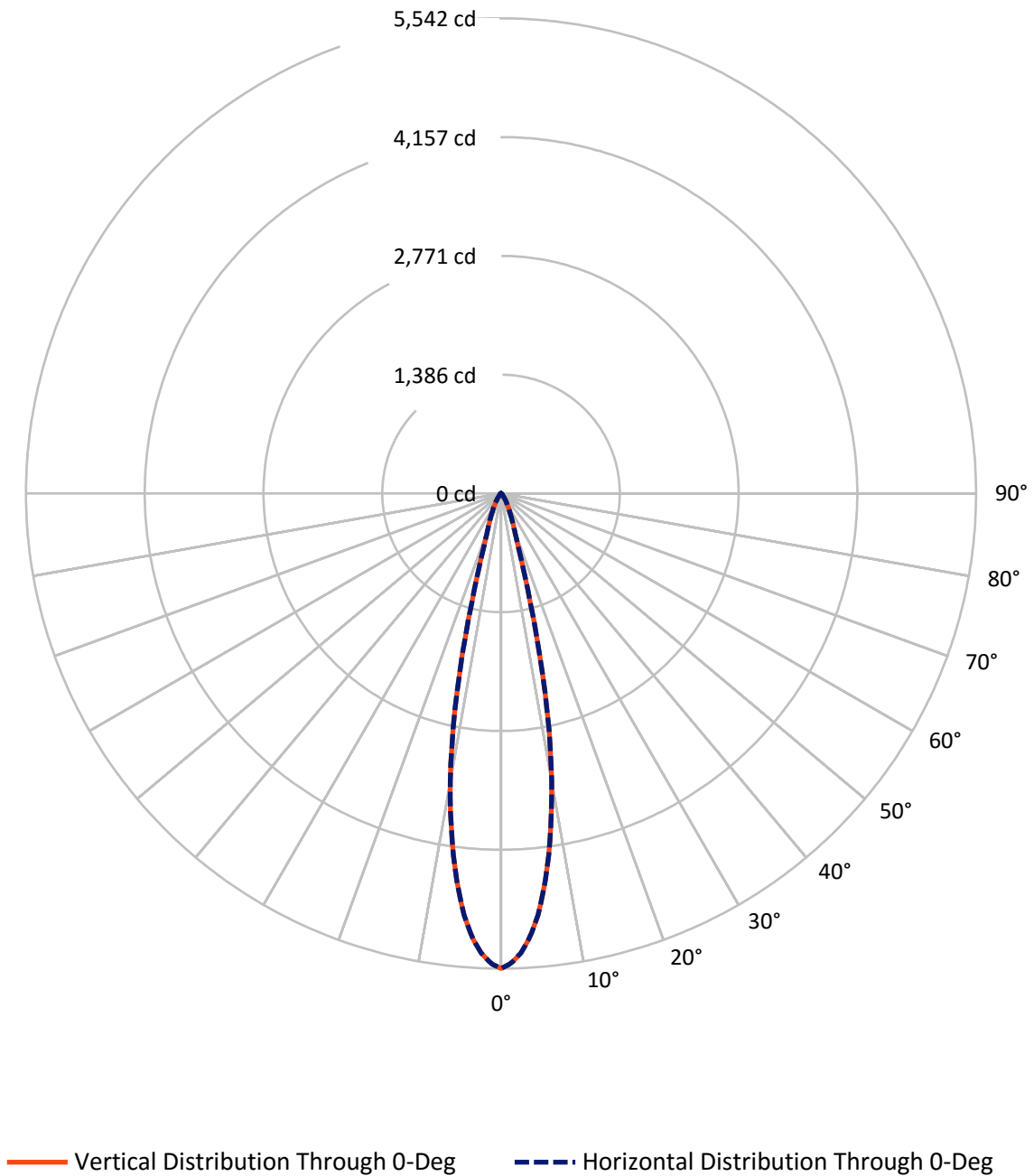
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### Lumen Table

90																			
80	0.0	0.1		0.2		0.3		0.3		0.3		0.2		0.1		0.0			
70																			
60	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0			
50		0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1				
40	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1			
30		0.1	0.1	0.2	0.3	0.6	1.4	2.1	2.1	1.4	0.6	0.3	0.2	0.1	0.1				
20	0.1	0.1	0.1	0.2	0.6	2.0	4.8	7.5	7.5	4.8	2.0	0.6	0.2	0.1	0.1	0.1			
10		0.1	0.1	0.3	1.2	4.5	13.3	38.4	38.4	13.3	4.5	1.2	0.3	0.1	0.1				
0	0.1	0.1	0.1	0.4	1.7	6.9	37.5	123.7	123.7	37.5	6.9	1.7	0.4	0.1	0.1	0.1			
-10		0.1	0.1	0.4	1.7	6.9	37.5	123.7	123.7	37.5	6.9	1.7	0.4	0.1	0.1				
-20	0.1	0.1	0.1	0.3	1.2	4.5	13.3	38.4	38.4	13.3	4.5	1.2	0.3	0.1	0.1	0.1			
-30		0.1	0.1	0.2	0.6	2.0	4.8	7.5	7.5	4.8	2.0	0.6	0.2	0.1	0.1				
-40	0.1	0.1	0.1	0.2	0.3	0.6	1.4	2.1	2.1	1.4	0.6	0.3	0.2	0.1	0.1	0.1			
-50		0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1				
-60	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0			
-70		0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0				
-80	0.0	0.1		0.2		0.3		0.3		0.3		0.2		0.1		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

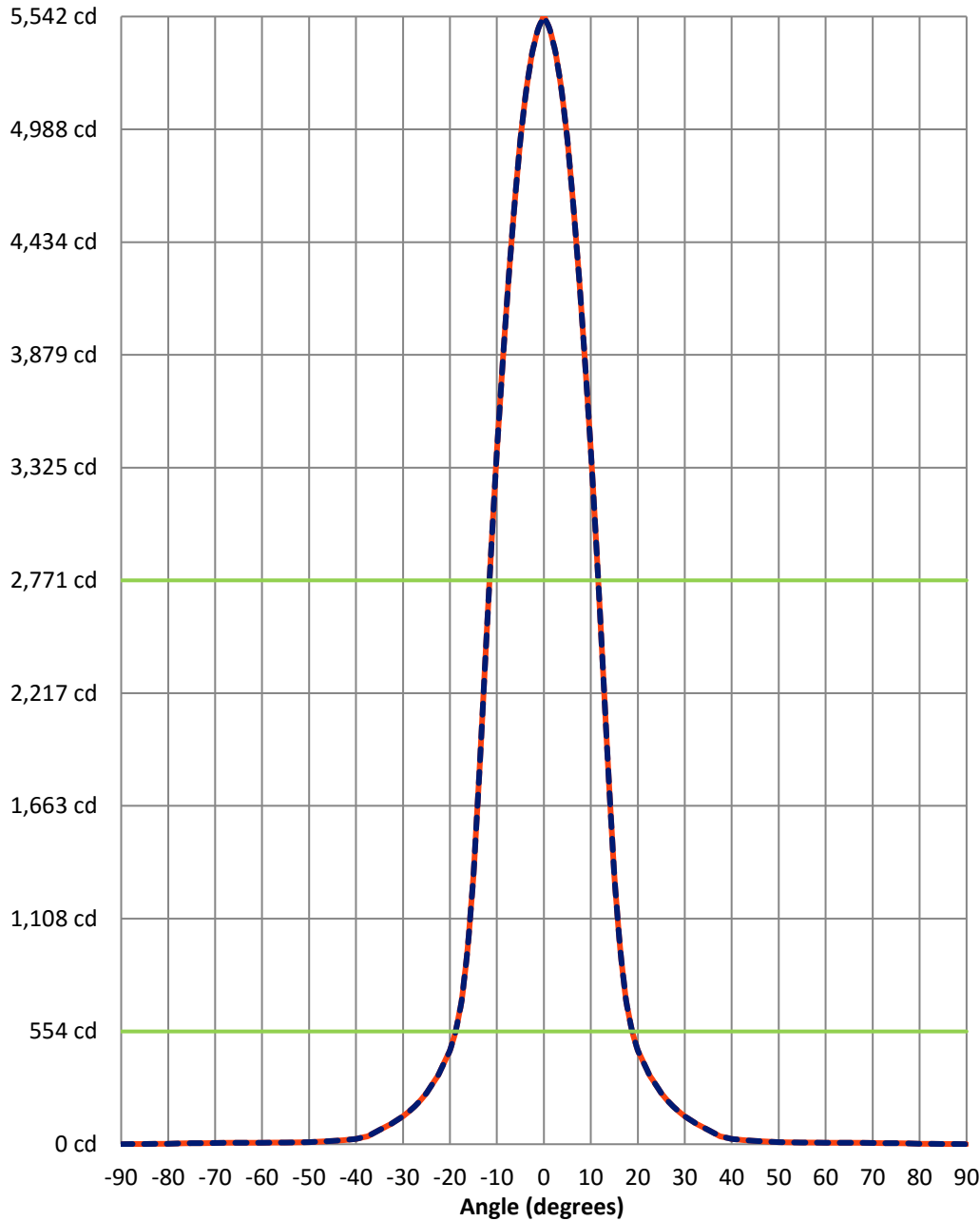
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.1°  
 V Angle: 23.1°  
 Lumens: 517  
 Efficiency: 51.0%

**Field:**  
 H Angle: 37.5°  
 V Angle: 37.5°  
 Lumens: 795  
 Efficiency: 78.4%

**Spill:**  
 Lumens: 218.8  
 Efficiency: 21.6%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
81.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
78.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0
76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.0
75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.0	1.0	1.0
72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.0	1.0	1.0
71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0
66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0
65°	0.0	0.2	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.1
63.75°	0.0	0.2	0.4	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.2
62.5°	0.0	0.2	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.1	1.3
61.25°	0.0	0.2	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.2	1.4
60°	0.0	0.2	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.2	1.5
58.75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.1	1.3	1.6
57.5°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.1	1.4	1.7
56.25°	0.0	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.2	1.5	1.8
55°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.3	1.6	1.9
53.75°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.4	1.6	1.9
52.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.4	1.7	2.0
51.25°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.2	1.5	1.8	2.0
50°	0.0	0.3	0.6	1.0	1.0	1.0	1.0	1.2	1.6	1.9	2.0
48.75°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.3	1.6	2.0	2.0
47.5°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.4	1.7	2.0	2.0
46.25°	0.0	0.3	0.7	1.0	1.0	1.0	1.1	1.4	1.8	2.0	2.0
45°	0.0	0.4	0.7	1.0	1.0	1.0	1.1	1.5	1.8	2.0	2.0
43.75°	0.0	0.4	0.7	1.0	1.0	1.0	1.2	1.5	1.9	2.0	2.0
42.5°	0.0	0.4	0.7	1.0	1.0	1.0	1.2	1.6	1.9	2.0	2.0
41.25°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.6	2.0	2.0	2.0
40°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.7	2.0	2.0	2.0
38.75°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.7	2.0	2.0	2.0
37.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.8	2.0	2.0	2.0
36.25°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.8	2.0	2.0	2.0
35°	0.0	0.4	0.8	1.0	1.0	1.0	1.5	1.9	2.0	2.0	2.2



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**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	0.4	0.8	1.0	1.0	1.1	1.5	1.9	2.0	2.0	2.3
32.5°	0.0	0.4	0.8	1.0	1.0	1.1	1.5	1.9	2.0	2.0	2.4
31.25°	0.0	0.4	0.9	1.0	1.0	1.1	1.6	2.0	2.0	2.0	2.5
30°	0.0	0.4	0.9	1.0	1.0	1.2	1.6	2.0	2.0	2.0	2.6
28.75°	0.0	0.4	0.9	1.0	1.0	1.2	1.6	2.0	2.0	2.0	2.8
27.5°	0.0	0.4	0.9	1.0	1.0	1.2	1.7	2.0	2.0	2.0	2.9
26.25°	0.0	0.4	0.9	1.0	1.0	1.2	1.7	2.0	2.0	2.1	3.0
25°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	2.0	2.1	3.1
23.75°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	2.0	2.2	3.1
22.5°	0.0	0.5	0.9	1.0	1.0	1.3	1.8	2.0	2.0	2.3	3.2
21.25°	0.0	0.5	0.9	1.0	1.0	1.3	1.8	2.0	2.0	2.4	3.3
20°	0.0	0.5	0.9	1.0	1.0	1.3	1.8	2.0	2.0	2.5	3.4
18.75°	0.0	0.5	0.9	1.0	1.0	1.4	1.8	2.0	2.0	2.5	3.5
17.5°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.6	3.5
16.25°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.6	3.6
15°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.7	3.7
13.75°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.7	3.7
12.5°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.8	3.8
11.25°	0.0	0.5	1.0	1.0	1.0	1.5	1.9	2.0	2.0	2.8	3.8
10°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.8
8.75°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.9
7.5°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.9
6.25°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.9
5°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
3.75°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
2.5°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
1.25°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
0°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
-1.25°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
-2.5°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
-3.75°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
-5°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	3.0	4.0
-6.25°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.9
-7.5°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.9
-8.75°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.9
-10°	0.0	0.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.9	3.8
-11.25°	0.0	0.5	1.0	1.0	1.0	1.5	1.9	2.0	2.0	2.8	3.8
-12.5°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.8	3.8
-13.75°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.7	3.7
-15°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.7	3.7
-16.25°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.6	3.6
-17.5°	0.0	0.5	1.0	1.0	1.0	1.4	1.9	2.0	2.0	2.6	3.5
-18.75°	0.0	0.5	0.9	1.0	1.0	1.4	1.8	2.0	2.0	2.5	3.5
-20°	0.0	0.5	0.9	1.0	1.0	1.3	1.8	2.0	2.0	2.5	3.4
-21.25°	0.0	0.5	0.9	1.0	1.0	1.3	1.8	2.0	2.0	2.4	3.3





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**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	0.5	0.9	1.0	1.0	1.3	1.8	2.0	2.0	2.3	3.2
-23.75°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	2.0	2.2	3.1
-25°	0.0	0.5	0.9	1.0	1.0	1.3	1.7	2.0	2.0	2.1	3.1
-26.25°	0.0	0.4	0.9	1.0	1.0	1.2	1.7	2.0	2.0	2.1	3.0
-27.5°	0.0	0.4	0.9	1.0	1.0	1.2	1.7	2.0	2.0	2.0	2.9
-28.75°	0.0	0.4	0.9	1.0	1.0	1.2	1.6	2.0	2.0	2.0	2.8
-30°	0.0	0.4	0.9	1.0	1.0	1.2	1.6	2.0	2.0	2.0	2.6
-31.25°	0.0	0.4	0.9	1.0	1.0	1.1	1.6	2.0	2.0	2.0	2.5
-32.5°	0.0	0.4	0.8	1.0	1.0	1.1	1.5	1.9	2.0	2.0	2.4
-33.75°	0.0	0.4	0.8	1.0	1.0	1.1	1.5	1.9	2.0	2.0	2.3
-35°	0.0	0.4	0.8	1.0	1.0	1.0	1.5	1.9	2.0	2.0	2.2
-36.25°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.8	2.0	2.0	2.0
-37.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.8	2.0	2.0	2.0
-38.75°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.7	2.0	2.0	2.0
-40°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.7	2.0	2.0	2.0
-41.25°	0.0	0.4	0.8	1.0	1.0	1.0	1.3	1.6	2.0	2.0	2.0
-42.5°	0.0	0.4	0.7	1.0	1.0	1.0	1.2	1.6	1.9	2.0	2.0
-43.75°	0.0	0.4	0.7	1.0	1.0	1.0	1.2	1.5	1.9	2.0	2.0
-45°	0.0	0.4	0.7	1.0	1.0	1.0	1.1	1.5	1.8	2.0	2.0
-46.25°	0.0	0.3	0.7	1.0	1.0	1.0	1.1	1.4	1.8	2.0	2.0
-47.5°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.4	1.7	2.0	2.0
-48.75°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.3	1.6	2.0	2.0
-50°	0.0	0.3	0.6	1.0	1.0	1.0	1.0	1.2	1.6	1.9	2.0
-51.25°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.2	1.5	1.8	2.0
-52.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.4	1.7	2.0
-53.75°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.4	1.6	1.9
-55°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.3	1.6	1.9
-56.25°	0.0	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.2	1.5	1.8
-57.5°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.1	1.4	1.7
-58.75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.1	1.3	1.6
-60°	0.0	0.2	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.2	1.5
-61.25°	0.0	0.2	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.2	1.4
-62.5°	0.0	0.2	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.1	1.3
-63.75°	0.0	0.2	0.4	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.2
-65°	0.0	0.2	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.1
-66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0
-67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0
-68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
-70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
-71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.0	1.0	1.0	1.0
-72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.0	1.0	1.0
-73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.0	1.0	1.0
-75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
-76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.0
-77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-81.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0
82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
81.25°	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
78.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2
76.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.4
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.4	1.5	1.6
73.75°	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8
72.5°	1.0	1.0	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0
71.25°	1.0	1.0	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.0	2.0
70°	1.0	1.0	1.2	1.4	1.5	1.7	1.8	2.0	2.0	2.0	2.0
68.75°	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.0	2.0	2.0	2.0
67.5°	1.1	1.3	1.5	1.6	1.8	2.0	2.0	2.0	2.0	2.0	2.0
66.25°	1.2	1.4	1.6	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.2
65°	1.3	1.5	1.7	1.9	2.0	2.0	2.0	2.0	2.0	2.2	2.6
63.75°	1.4	1.6	1.8	2.0	2.0	2.0	2.0	2.0	2.2	2.6	3.0
62.5°	1.5	1.7	2.0	2.0	2.0	2.0	2.0	2.1	2.6	3.0	3.4
61.25°	1.6	1.9	2.0	2.0	2.0	2.0	2.0	2.5	2.9	3.4	3.8
60°	1.7	2.0	2.0	2.0	2.0	2.0	2.4	2.8	3.3	3.8	4.1
58.75°	1.8	2.0	2.0	2.0	2.0	2.2	2.7	3.2	3.6	4.1	4.3
57.5°	1.9	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.2	4.5
56.25°	2.0	2.0	2.0	2.0	2.2	2.8	3.3	3.8	4.2	4.4	4.7
55°	2.0	2.0	2.0	2.0	2.5	3.1	3.6	4.1	4.3	4.6	4.9
53.75°	2.0	2.0	2.0	2.2	2.8	3.3	3.9	4.2	4.5	4.8	5.0
52.5°	2.0	2.0	2.0	2.4	3.0	3.6	4.1	4.4	4.7	5.0	5.0
51.25°	2.0	2.0	2.1	2.7	3.3	3.9	4.2	4.5	4.8	5.0	5.0
50°	2.0	2.0	2.3	2.9	3.5	4.1	4.4	4.7	5.0	5.0	5.0
48.75°	2.0	2.0	2.5	3.1	3.8	4.2	4.5	4.8	5.0	5.0	5.0
47.5°	2.0	2.1	2.7	3.4	4.0	4.3	4.7	5.0	5.0	5.0	5.0
46.25°	2.0	2.2	2.9	3.6	4.1	4.5	4.8	5.0	5.0	5.0	5.1
45°	2.0	2.4	3.1	3.8	4.3	4.6	4.9	5.0	5.0	5.0	5.3
43.75°	2.0	2.6	3.3	4.0	4.4	4.7	5.0	5.0	5.0	5.1	5.5
42.5°	2.1	2.8	3.5	4.1	4.5	4.8	5.0	5.0	5.0	5.3	5.6
41.25°	2.2	3.0	3.7	4.2	4.6	5.0	5.0	5.0	5.1	5.4	5.8
40°	2.4	3.1	3.9	4.3	4.7	5.0	5.0	5.0	5.2	5.6	5.9
38.75°	2.5	3.3	4.0	4.4	4.8	5.0	5.0	5.0	5.3	5.7	6.1
37.5°	2.7	3.5	4.1	4.5	4.9	5.0	5.0	5.1	5.5	5.8	6.2
36.25°	2.8	3.6	4.2	4.6	5.0	5.0	5.0	5.2	5.6	6.0	6.4
35°	3.0	3.8	4.3	4.7	5.0	5.0	5.0	5.3	5.7	6.1	6.5



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	3.1	3.9	4.4	4.8	5.0	5.0	5.0	5.4	5.8	6.2	6.6
32.5°	3.3	4.0	4.5	4.9	5.0	5.0	5.1	5.5	5.9	6.4	6.8
31.25°	3.4	4.1	4.5	5.0	5.0	5.0	5.2	5.6	6.1	6.5	6.9
30°	3.5	4.2	4.6	5.0	5.0	5.0	5.3	5.7	6.2	6.6	7.0
28.75°	3.6	4.2	4.7	5.0	5.0	5.0	5.4	5.8	6.3	6.7	7.0
27.5°	3.7	4.3	4.7	5.0	5.0	5.1	5.5	5.9	6.4	6.8	7.0
26.25°	3.8	4.4	4.8	5.0	5.0	5.1	5.6	6.0	6.5	6.9	7.0
25°	4.0	4.4	4.9	5.0	5.0	5.2	5.7	6.1	6.6	7.0	7.0
23.75°	4.0	4.5	4.9	5.0	5.0	5.3	5.7	6.2	6.7	7.0	7.0
22.5°	4.1	4.5	5.0	5.0	5.0	5.4	5.8	6.3	6.7	7.0	7.0
21.25°	4.1	4.6	5.0	5.0	5.0	5.4	5.9	6.4	6.8	7.0	7.0
20°	4.2	4.6	5.0	5.0	5.0	5.5	6.0	6.4	6.9	7.0	7.0
18.75°	4.2	4.7	5.0	5.0	5.1	5.6	6.0	6.5	7.0	7.0	7.0
17.5°	4.2	4.7	5.0	5.0	5.1	5.6	6.1	6.6	7.0	7.0	7.0
16.25°	4.3	4.8	5.0	5.0	5.2	5.7	6.1	6.6	7.0	7.0	7.0
15°	4.3	4.8	5.0	5.0	5.2	5.7	6.2	6.7	7.0	7.0	7.0
13.75°	4.3	4.8	5.0	5.0	5.3	5.8	6.2	6.7	7.0	7.0	7.0
12.5°	4.4	4.9	5.0	5.0	5.3	5.8	6.3	6.8	7.0	7.0	7.0
11.25°	4.4	4.9	5.0	5.0	5.4	5.8	6.3	6.8	7.0	7.0	7.0
10°	4.4	4.9	5.0	5.0	5.4	5.9	6.4	6.9	7.0	7.0	7.0
8.75°	4.4	4.9	5.0	5.0	5.4	5.9	6.4	6.9	7.0	7.0	7.0
7.5°	4.5	4.9	5.0	5.0	5.4	5.9	6.4	6.9	7.0	7.0	7.0
6.25°	4.5	5.0	5.0	5.0	5.5	6.0	6.4	6.9	7.0	7.0	7.0
5°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
3.75°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
2.5°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
1.25°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
0°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
-1.25°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
-2.5°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
-3.75°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
-5°	4.5	5.0	5.0	5.0	5.5	6.0	6.5	7.0	7.0	7.0	7.0
-6.25°	4.5	5.0	5.0	5.0	5.5	6.0	6.4	6.9	7.0	7.0	7.0
-7.5°	4.5	4.9	5.0	5.0	5.4	5.9	6.4	6.9	7.0	7.0	7.0
-8.75°	4.4	4.9	5.0	5.0	5.4	5.9	6.4	6.9	7.0	7.0	7.0
-10°	4.4	4.9	5.0	5.0	5.4	5.9	6.4	6.9	7.0	7.0	7.0
-11.25°	4.4	4.9	5.0	5.0	5.4	5.8	6.3	6.8	7.0	7.0	7.0
-12.5°	4.4	4.9	5.0	5.0	5.3	5.8	6.3	6.8	7.0	7.0	7.0
-13.75°	4.3	4.8	5.0	5.0	5.3	5.8	6.2	6.7	7.0	7.0	7.0
-15°	4.3	4.8	5.0	5.0	5.2	5.7	6.2	6.7	7.0	7.0	7.0
-16.25°	4.3	4.8	5.0	5.0	5.2	5.7	6.1	6.6	7.0	7.0	7.0
-17.5°	4.2	4.7	5.0	5.0	5.1	5.6	6.1	6.6	7.0	7.0	7.0
-18.75°	4.2	4.7	5.0	5.0	5.1	5.6	6.0	6.5	7.0	7.0	7.0
-20°	4.2	4.6	5.0	5.0	5.0	5.5	6.0	6.4	6.9	7.0	7.0
-21.25°	4.1	4.6	5.0	5.0	5.0	5.4	5.9	6.4	6.8	7.0	7.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	4.1	4.5	5.0	5.0	5.0	5.4	5.8	6.3	6.7	7.0	7.0
-23.75°	4.0	4.5	4.9	5.0	5.0	5.3	5.7	6.2	6.7	7.0	7.0
-25°	4.0	4.4	4.9	5.0	5.0	5.2	5.7	6.1	6.6	7.0	7.0
-26.25°	3.8	4.4	4.8	5.0	5.0	5.1	5.6	6.0	6.5	6.9	7.0
-27.5°	3.7	4.3	4.7	5.0	5.0	5.1	5.5	5.9	6.4	6.8	7.0
-28.75°	3.6	4.2	4.7	5.0	5.0	5.0	5.4	5.8	6.3	6.7	7.0
-30°	3.5	4.2	4.6	5.0	5.0	5.0	5.3	5.7	6.2	6.6	7.0
-31.25°	3.4	4.1	4.5	5.0	5.0	5.0	5.2	5.6	6.1	6.5	6.9
-32.5°	3.3	4.0	4.5	4.9	5.0	5.0	5.1	5.5	5.9	6.4	6.8
-33.75°	3.1	3.9	4.4	4.8	5.0	5.0	5.0	5.4	5.8	6.2	6.6
-35°	3.0	3.8	4.3	4.7	5.0	5.0	5.0	5.3	5.7	6.1	6.5
-36.25°	2.8	3.6	4.2	4.6	5.0	5.0	5.0	5.2	5.6	6.0	6.4
-37.5°	2.7	3.5	4.1	4.5	4.9	5.0	5.0	5.1	5.5	5.8	6.2
-38.75°	2.5	3.3	4.0	4.4	4.8	5.0	5.0	5.0	5.3	5.7	6.1
-40°	2.4	3.1	3.9	4.3	4.7	5.0	5.0	5.0	5.2	5.6	5.9
-41.25°	2.2	3.0	3.7	4.2	4.6	5.0	5.0	5.0	5.1	5.4	5.8
-42.5°	2.1	2.8	3.5	4.1	4.5	4.8	5.0	5.0	5.0	5.3	5.6
-43.75°	2.0	2.6	3.3	4.0	4.4	4.7	5.0	5.0	5.0	5.1	5.5
-45°	2.0	2.4	3.1	3.8	4.3	4.6	4.9	5.0	5.0	5.0	5.3
-46.25°	2.0	2.2	2.9	3.6	4.1	4.5	4.8	5.0	5.0	5.0	5.1
-47.5°	2.0	2.1	2.7	3.4	4.0	4.3	4.7	5.0	5.0	5.0	5.0
-48.75°	2.0	2.0	2.5	3.1	3.8	4.2	4.5	4.8	5.0	5.0	5.0
-50°	2.0	2.0	2.3	2.9	3.5	4.1	4.4	4.7	5.0	5.0	5.0
-51.25°	2.0	2.0	2.1	2.7	3.3	3.9	4.2	4.5	4.8	5.0	5.0
-52.5°	2.0	2.0	2.0	2.4	3.0	3.6	4.1	4.4	4.7	5.0	5.0
-53.75°	2.0	2.0	2.0	2.2	2.8	3.3	3.9	4.2	4.5	4.8	5.0
-55°	2.0	2.0	2.0	2.0	2.5	3.1	3.6	4.1	4.3	4.6	4.9
-56.25°	2.0	2.0	2.0	2.0	2.2	2.8	3.3	3.8	4.2	4.4	4.7
-57.5°	1.9	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.2	4.5
-58.75°	1.8	2.0	2.0	2.0	2.0	2.2	2.7	3.2	3.6	4.1	4.3
-60°	1.7	2.0	2.0	2.0	2.0	2.0	2.4	2.8	3.3	3.8	4.1
-61.25°	1.6	1.9	2.0	2.0	2.0	2.0	2.0	2.5	2.9	3.4	3.8
-62.5°	1.5	1.7	2.0	2.0	2.0	2.0	2.0	2.1	2.6	3.0	3.4
-63.75°	1.4	1.6	1.8	2.0	2.0	2.0	2.0	2.0	2.2	2.6	3.0
-65°	1.3	1.5	1.7	1.9	2.0	2.0	2.0	2.0	2.0	2.2	2.6
-66.25°	1.2	1.4	1.6	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.2
-67.5°	1.1	1.3	1.5	1.6	1.8	2.0	2.0	2.0	2.0	2.0	2.0
-68.75°	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.0	2.0	2.0	2.0
-70°	1.0	1.0	1.2	1.4	1.5	1.7	1.8	2.0	2.0	2.0	2.0
-71.25°	1.0	1.0	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.0	2.0
-72.5°	1.0	1.0	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0
-73.75°	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8
-75°	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.4	1.5	1.6
-76.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.4
-77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-80°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-81.25°	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0
-85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
-87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
81.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
80°	1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
78.75°	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.9
77.5°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0
76.25°	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0
75°	1.7	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
73.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.7	2.9
71.25°	2.0	2.0	2.0	2.0	2.0	2.2	2.5	2.8	3.0	3.3	3.5
70°	2.0	2.0	2.0	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.1
68.75°	2.0	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.1	4.2	4.4
67.5°	2.1	2.5	2.8	3.2	3.5	3.8	4.1	4.2	4.4	4.5	4.7
66.25°	2.6	2.9	3.3	3.6	4.0	4.2	4.3	4.5	4.7	4.8	5.0
65°	3.0	3.4	3.8	4.1	4.2	4.4	4.6	4.8	5.0	5.0	5.0
63.75°	3.4	3.8	4.1	4.3	4.5	4.7	4.9	5.0	5.0	5.0	5.0
62.5°	3.8	4.1	4.3	4.5	4.7	4.9	5.0	5.0	5.0	5.0	5.0
61.25°	4.1	4.4	4.6	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.2
60°	4.3	4.6	4.8	5.0	5.0	5.0	5.0	5.0	5.1	5.3	5.5
58.75°	4.5	4.8	5.0	5.0	5.0	5.0	5.0	5.1	5.4	5.6	5.8
57.5°	4.7	5.0	5.0	5.0	5.0	5.0	5.2	5.4	5.6	5.9	6.1
56.25°	4.9	5.0	5.0	5.0	5.0	5.2	5.4	5.7	5.9	6.1	6.4
55°	5.0	5.0	5.0	5.0	5.2	5.4	5.7	5.9	6.2	6.4	6.7
53.75°	5.0	5.0	5.0	5.1	5.4	5.7	5.9	6.2	6.4	6.7	6.9
52.5°	5.0	5.0	5.1	5.4	5.6	5.9	6.2	6.4	6.7	7.0	7.0
51.25°	5.0	5.0	5.3	5.6	5.9	6.1	6.4	6.7	7.0	7.0	7.0
50°	5.0	5.2	5.5	5.8	6.1	6.4	6.7	6.9	7.0	7.0	7.0
48.75°	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.0	7.0	7.0	7.0
47.5°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.0	7.0	7.0	7.0
46.25°	5.4	5.8	6.1	6.4	6.7	7.0	7.0	7.0	7.0	7.0	7.0
45°	5.6	6.0	6.3	6.6	6.9	7.0	7.0	7.0	7.0	7.0	7.0
43.75°	5.8	6.1	6.5	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0
42.5°	6.0	6.3	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
41.25°	6.1	6.5	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
40°	6.3	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
38.75°	6.4	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
37.5°	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3
36.25°	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.5
35°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.7



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.5	7.9
32.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.4	7.7	8.0
31.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.5	7.9	8.0
30°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.7	8.0	8.0
28.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.5	7.9	8.0	8.0
27.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.0
26.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.4	7.8	8.0	8.0	8.1
25°	7.0	7.0	7.0	7.0	7.0	7.1	7.5	8.0	8.0	8.0	8.3
23.75°	7.0	7.0	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.0	8.4
22.5°	7.0	7.0	7.0	7.0	7.0	7.4	7.8	8.0	8.0	8.1	8.6
21.25°	7.0	7.0	7.0	7.0	7.0	7.5	7.9	8.0	8.0	8.3	8.7
20°	7.0	7.0	7.0	7.0	7.1	7.6	8.0	8.0	8.0	8.4	8.9
18.75°	7.0	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.1	8.5	9.0
17.5°	7.0	7.0	7.0	7.0	7.3	7.8	8.0	8.0	8.2	8.7	9.1
16.25°	7.0	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.3	8.8	9.2
15°	7.0	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.4	8.9	9.4
13.75°	7.0	7.0	7.0	7.1	7.6	8.0	8.0	8.0	8.5	9.0	9.5
12.5°	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.1	8.6	9.1	9.5
11.25°	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.2	8.7	9.1	9.6
10°	7.0	7.0	7.0	7.3	7.8	8.0	8.0	8.2	8.7	9.2	9.7
8.75°	7.0	7.0	7.0	7.3	7.8	8.0	8.0	8.3	8.8	9.3	9.8
7.5°	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.4	8.8	9.3	9.8
6.25°	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.4	8.9	9.4	9.9
5°	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.4	8.9	9.4	9.9
3.75°	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.5	10.0
2.5°	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.5	10.0
1.25°	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.5	10.0
0°	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.5	10.0
-1.25°	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.5	10.0
-2.5°	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.5	10.0
-3.75°	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.5	10.0
-5°	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.4	8.9	9.4	9.9
-6.25°	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.4	8.9	9.4	9.9
-7.5°	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.4	8.8	9.3	9.8
-8.75°	7.0	7.0	7.0	7.3	7.8	8.0	8.0	8.3	8.8	9.3	9.8
-10°	7.0	7.0	7.0	7.3	7.8	8.0	8.0	8.2	8.7	9.2	9.7
-11.25°	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.2	8.7	9.1	9.6
-12.5°	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.1	8.6	9.1	9.5
-13.75°	7.0	7.0	7.0	7.1	7.6	8.0	8.0	8.0	8.5	9.0	9.5
-15°	7.0	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.4	8.9	9.4
-16.25°	7.0	7.0	7.0	7.0	7.4	7.9	8.0	8.0	8.3	8.8	9.2
-17.5°	7.0	7.0	7.0	7.0	7.3	7.8	8.0	8.0	8.2	8.7	9.1
-18.75°	7.0	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.1	8.5	9.0
-20°	7.0	7.0	7.0	7.0	7.1	7.6	8.0	8.0	8.0	8.4	8.9
-21.25°	7.0	7.0	7.0	7.0	7.0	7.5	7.9	8.0	8.0	8.3	8.7





REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	7.0	7.0	7.0	7.0	7.0	7.4	7.8	8.0	8.0	8.1	8.6
-23.75°	7.0	7.0	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.0	8.4
-25°	7.0	7.0	7.0	7.0	7.0	7.1	7.5	8.0	8.0	8.0	8.3
-26.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.4	7.8	8.0	8.0	8.1
-27.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.7	8.0	8.0	8.0
-28.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.5	7.9	8.0	8.0
-30°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.7	8.0	8.0
-31.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.5	7.9	8.0
-32.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.4	7.7	8.0
-33.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.5	7.9
-35°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.7
-36.25°	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.5
-37.5°	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3
-38.75°	6.4	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-40°	6.3	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-41.25°	6.1	6.5	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-42.5°	6.0	6.3	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-43.75°	5.8	6.1	6.5	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-45°	5.6	6.0	6.3	6.6	6.9	7.0	7.0	7.0	7.0	7.0	7.0
-46.25°	5.4	5.8	6.1	6.4	6.7	7.0	7.0	7.0	7.0	7.0	7.0
-47.5°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.0	7.0	7.0	7.0
-48.75°	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.0	7.0	7.0	7.0
-50°	5.0	5.2	5.5	5.8	6.1	6.4	6.7	6.9	7.0	7.0	7.0
-51.25°	5.0	5.0	5.3	5.6	5.9	6.1	6.4	6.7	7.0	7.0	7.0
-52.5°	5.0	5.0	5.1	5.4	5.6	5.9	6.2	6.4	6.7	7.0	7.0
-53.75°	5.0	5.0	5.0	5.1	5.4	5.7	5.9	6.2	6.4	6.7	6.9
-55°	5.0	5.0	5.0	5.0	5.2	5.4	5.7	5.9	6.2	6.4	6.7
-56.25°	4.9	5.0	5.0	5.0	5.0	5.2	5.4	5.7	5.9	6.1	6.4
-57.5°	4.7	5.0	5.0	5.0	5.0	5.0	5.2	5.4	5.6	5.9	6.1
-58.75°	4.5	4.8	5.0	5.0	5.0	5.0	5.0	5.1	5.4	5.6	5.8
-60°	4.3	4.6	4.8	5.0	5.0	5.0	5.0	5.0	5.1	5.3	5.5
-61.25°	4.1	4.4	4.6	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.2
-62.5°	3.8	4.1	4.3	4.5	4.7	4.9	5.0	5.0	5.0	5.0	5.0
-63.75°	3.4	3.8	4.1	4.3	4.5	4.7	4.9	5.0	5.0	5.0	5.0
-65°	3.0	3.4	3.8	4.1	4.2	4.4	4.6	4.8	5.0	5.0	5.0
-66.25°	2.6	2.9	3.3	3.6	4.0	4.2	4.3	4.5	4.7	4.8	5.0
-67.5°	2.1	2.5	2.8	3.2	3.5	3.8	4.1	4.2	4.4	4.5	4.7
-68.75°	2.0	2.0	2.4	2.7	3.0	3.3	3.6	3.9	4.1	4.2	4.4
-70°	2.0	2.0	2.0	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.1
-71.25°	2.0	2.0	2.0	2.0	2.0	2.2	2.5	2.8	3.0	3.3	3.5
-72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.7	2.9
-73.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3
-75°	1.7	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-76.25°	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0
-77.5°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.9
-80°	1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
-81.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
81.25°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
80°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0
78.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
76.25°	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.4	2.5	2.7	2.8
75°	2.0	2.1	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.6
73.75°	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0	4.1	4.2
72.5°	3.1	3.4	3.6	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6
71.25°	3.8	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
70°	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.0	5.0	5.0	5.0
68.75°	4.5	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0
67.5°	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.2
66.25°	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.3	5.5	5.6
65°	5.0	5.0	5.0	5.0	5.1	5.3	5.4	5.6	5.7	5.8	6.0
63.75°	5.0	5.0	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.4
62.5°	5.1	5.3	5.4	5.6	5.8	6.0	6.1	6.3	6.4	6.6	6.7
61.25°	5.4	5.6	5.8	6.0	6.1	6.3	6.5	6.6	6.8	7.0	7.0
60°	5.7	5.9	6.1	6.3	6.5	6.7	6.8	7.0	7.0	7.0	7.0
58.75°	6.0	6.2	6.4	6.6	6.8	7.0	7.0	7.0	7.0	7.0	7.0
57.5°	6.3	6.5	6.7	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0
56.25°	6.6	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
55°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
53.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
52.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
51.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1
50°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.5
48.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.4	7.6	7.8
47.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.5	7.7	8.0	8.0
46.25°	7.0	7.0	7.0	7.0	7.0	7.3	7.5	7.8	8.0	8.0	8.0
45°	7.0	7.0	7.0	7.0	7.3	7.6	7.8	8.0	8.0	8.0	8.0
43.75°	7.0	7.0	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.0	8.3
42.5°	7.0	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.0	8.3	8.6
41.25°	7.0	7.2	7.5	7.8	8.0	8.0	8.0	8.1	8.4	8.6	8.9
40°	7.1	7.5	7.8	8.0	8.0	8.0	8.1	8.4	8.7	9.0	9.3
38.75°	7.4	7.7	8.0	8.0	8.0	8.0	8.4	8.7	9.0	9.3	9.6
37.5°	7.6	8.0	8.0	8.0	8.0	8.3	8.6	9.0	9.3	9.6	9.9
36.25°	7.8	8.0	8.0	8.0	8.3	8.6	8.9	9.3	9.6	9.9	10.7
35°	8.0	8.0	8.0	8.2	8.5	8.9	9.2	9.5	9.9	10.6	11.6



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	8.0	8.0	8.0	8.4	8.8	9.1	9.5	9.8	10.5	11.5	12.5
32.5°	8.0	8.0	8.3	8.6	9.0	9.4	9.7	10.3	11.4	12.4	13.4
31.25°	8.0	8.1	8.5	8.9	9.3	9.6	10.0	11.1	12.2	13.2	14.3
30°	8.0	8.3	8.7	9.1	9.5	9.9	10.8	11.9	13.0	14.1	15.2
28.75°	8.1	8.5	8.9	9.3	9.7	10.3	11.5	12.6	13.8	14.9	16.0
27.5°	8.3	8.7	9.1	9.5	9.9	11.0	12.2	13.4	14.5	15.7	17.1
26.25°	8.5	8.9	9.3	9.7	10.5	11.7	12.9	14.1	15.3	16.6	18.1
25°	8.7	9.1	9.5	9.9	11.1	12.3	13.5	14.8	16.0	17.6	19.1
23.75°	8.8	9.3	9.7	10.4	11.7	12.9	14.2	15.4	16.9	18.5	20.2
22.5°	9.0	9.4	9.9	10.9	12.2	13.5	14.8	16.1	17.8	19.4	21.6
21.25°	9.2	9.6	10.2	11.5	12.8	14.1	15.4	16.9	18.6	20.4	23.0
20°	9.3	9.8	10.6	12.0	13.3	14.6	15.9	17.7	19.4	21.7	24.3
18.75°	9.5	9.9	11.1	12.4	13.8	15.1	16.6	18.4	20.2	22.9	25.5
17.5°	9.6	10.1	11.5	12.9	14.3	15.6	17.3	19.1	21.3	24.0	27.4
16.25°	9.7	10.5	11.9	13.3	14.7	16.1	17.9	19.8	22.4	25.1	29.8
15°	9.8	10.9	12.3	13.7	15.1	16.7	18.5	20.5	23.3	26.1	32.1
13.75°	9.9	11.2	12.6	14.1	15.5	17.2	19.1	21.4	24.2	28.1	34.1
12.5°	10.1	11.5	13.0	14.4	15.8	17.7	19.6	22.2	25.0	30.0	36.1
11.25°	10.3	11.8	13.2	14.7	16.2	18.1	20.0	22.9	25.8	31.7	37.8
10°	10.6	12.0	13.5	15.0	16.6	18.5	20.6	23.5	26.9	33.2	40.0
8.75°	10.8	12.3	13.7	15.2	16.9	18.8	21.2	24.1	28.2	34.5	43.3
7.5°	11.0	12.5	13.9	15.4	17.2	19.1	21.7	24.6	29.3	35.7	46.3
6.25°	11.1	12.6	14.1	15.6	17.4	19.4	22.1	25.0	30.3	36.7	48.8
5°	11.3	12.8	14.2	15.7	17.6	19.6	22.4	25.4	31.1	37.5	50.8
3.75°	11.4	12.9	14.4	15.9	17.8	19.8	22.7	25.6	31.7	38.2	52.4
2.5°	11.4	12.9	14.4	15.9	17.9	19.9	22.9	25.8	32.1	38.6	53.6
1.25°	11.5	13.0	14.5	16.0	18.0	20.0	23.0	26.0	32.4	38.9	54.3
0°	11.5	13.0	14.5	16.0	18.0	20.0	23.0	26.0	32.5	39.0	54.5
-1.25°	11.5	13.0	14.5	16.0	18.0	20.0	23.0	26.0	32.4	38.9	54.3
-2.5°	11.4	12.9	14.4	15.9	17.9	19.9	22.9	25.8	32.1	38.6	53.6
-3.75°	11.4	12.9	14.4	15.9	17.8	19.8	22.7	25.6	31.7	38.2	52.4
-5°	11.3	12.8	14.2	15.7	17.6	19.6	22.4	25.4	31.1	37.5	50.8
-6.25°	11.1	12.6	14.1	15.6	17.4	19.4	22.1	25.0	30.3	36.7	48.8
-7.5°	11.0	12.5	13.9	15.4	17.2	19.1	21.7	24.6	29.3	35.7	46.3
-8.75°	10.8	12.3	13.7	15.2	16.9	18.8	21.2	24.1	28.2	34.5	43.3
-10°	10.6	12.0	13.5	15.0	16.6	18.5	20.6	23.5	26.9	33.2	40.0
-11.25°	10.3	11.8	13.2	14.7	16.2	18.1	20.0	22.9	25.8	31.7	37.8
-12.5°	10.1	11.5	13.0	14.4	15.8	17.7	19.6	22.2	25.0	30.0	36.1
-13.75°	9.9	11.2	12.6	14.1	15.5	17.2	19.1	21.4	24.2	28.1	34.1
-15°	9.8	10.9	12.3	13.7	15.1	16.7	18.5	20.5	23.3	26.1	32.1
-16.25°	9.7	10.5	11.9	13.3	14.7	16.1	17.9	19.8	22.4	25.1	29.8
-17.5°	9.6	10.1	11.5	12.9	14.3	15.6	17.3	19.1	21.3	24.0	27.4
-18.75°	9.5	9.9	11.1	12.4	13.8	15.1	16.6	18.4	20.2	22.9	25.5
-20°	9.3	9.8	10.6	12.0	13.3	14.6	15.9	17.7	19.4	21.7	24.3
-21.25°	9.2	9.6	10.2	11.5	12.8	14.1	15.4	16.9	18.6	20.4	23.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	9.0	9.4	9.9	10.9	12.2	13.5	14.8	16.1	17.8	19.4	21.6
-23.75°	8.8	9.3	9.7	10.4	11.7	12.9	14.2	15.4	16.9	18.5	20.2
-25°	8.7	9.1	9.5	9.9	11.1	12.3	13.5	14.8	16.0	17.6	19.1
-26.25°	8.5	8.9	9.3	9.7	10.5	11.7	12.9	14.1	15.3	16.6	18.1
-27.5°	8.3	8.7	9.1	9.5	9.9	11.0	12.2	13.4	14.5	15.7	17.1
-28.75°	8.1	8.5	8.9	9.3	9.7	10.3	11.5	12.6	13.8	14.9	16.0
-30°	8.0	8.3	8.7	9.1	9.5	9.9	10.8	11.9	13.0	14.1	15.2
-31.25°	8.0	8.1	8.5	8.9	9.3	9.6	10.0	11.1	12.2	13.2	14.3
-32.5°	8.0	8.0	8.3	8.6	9.0	9.4	9.7	10.3	11.4	12.4	13.4
-33.75°	8.0	8.0	8.0	8.4	8.8	9.1	9.5	9.8	10.5	11.5	12.5
-35°	8.0	8.0	8.0	8.2	8.5	8.9	9.2	9.5	9.9	10.6	11.6
-36.25°	7.8	8.0	8.0	8.0	8.3	8.6	8.9	9.3	9.6	9.9	10.7
-37.5°	7.6	8.0	8.0	8.0	8.0	8.3	8.6	9.0	9.3	9.6	9.9
-38.75°	7.4	7.7	8.0	8.0	8.0	8.0	8.4	8.7	9.0	9.3	9.6
-40°	7.1	7.5	7.8	8.0	8.0	8.0	8.1	8.4	8.7	9.0	9.3
-41.25°	7.0	7.2	7.5	7.8	8.0	8.0	8.0	8.1	8.4	8.6	8.9
-42.5°	7.0	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.0	8.3	8.6
-43.75°	7.0	7.0	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.0	8.3
-45°	7.0	7.0	7.0	7.0	7.3	7.6	7.8	8.0	8.0	8.0	8.0
-46.25°	7.0	7.0	7.0	7.0	7.0	7.3	7.5	7.8	8.0	8.0	8.0
-47.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.5	7.7	8.0	8.0
-48.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.4	7.6	7.8
-50°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.5
-51.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1
-52.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-53.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-55°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-56.25°	6.6	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-57.5°	6.3	6.5	6.7	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-58.75°	6.0	6.2	6.4	6.6	6.8	7.0	7.0	7.0	7.0	7.0	7.0
-60°	5.7	5.9	6.1	6.3	6.5	6.7	6.8	7.0	7.0	7.0	7.0
-61.25°	5.4	5.6	5.8	6.0	6.1	6.3	6.5	6.6	6.8	7.0	7.0
-62.5°	5.1	5.3	5.4	5.6	5.8	6.0	6.1	6.3	6.4	6.6	6.7
-63.75°	5.0	5.0	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.4
-65°	5.0	5.0	5.0	5.0	5.1	5.3	5.4	5.6	5.7	5.8	6.0
-66.25°	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.3	5.5	5.6
-67.5°	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.2
-68.75°	4.5	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-70°	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.0	5.0	5.0	5.0
-71.25°	3.8	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
-72.5°	3.1	3.4	3.6	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6
-73.75°	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0	4.1	4.2
-75°	2.0	2.1	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.6
-76.25°	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.4	2.5	2.7	2.8
-77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-80°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0
-81.25°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
-82.5°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
-83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3
82.5°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
81.25°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
78.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.3
77.5°	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.1	3.2
76.25°	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8	4.0	4.0	4.1
75°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5
73.75°	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0
72.5°	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
71.25°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
70°	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.3	5.4
68.75°	5.0	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
67.5°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3
66.25°	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7
65°	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.0
63.75°	6.5	6.6	6.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0
62.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
57.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
56.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.4
55°	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.4	7.5	7.7	7.8
53.75°	7.0	7.0	7.0	7.1	7.3	7.5	7.7	7.8	8.0	8.0	8.0
52.5°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.0
51.25°	7.3	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.1
50°	7.7	7.9	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.4	8.6
48.75°	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.5	8.7	8.8	9.0
47.5°	8.0	8.0	8.0	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.4
46.25°	8.0	8.0	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9
45°	8.2	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.4	10.9
43.75°	8.5	8.8	9.0	9.3	9.5	9.7	9.9	10.5	11.1	11.7	12.2
42.5°	8.9	9.1	9.4	9.6	9.9	10.3	11.0	11.7	12.3	12.9	13.5
41.25°	9.2	9.5	9.7	10.0	10.8	11.5	12.2	12.9	13.5	14.2	14.8
40°	9.5	9.8	10.3	11.1	11.9	12.6	13.4	14.1	14.8	15.4	16.1
38.75°	9.9	10.5	11.4	12.2	13.0	13.8	14.5	15.3	16.0	16.9	17.8
37.5°	10.6	11.5	12.4	13.2	14.1	14.9	15.7	16.6	17.6	18.5	19.4
36.25°	11.6	12.5	13.4	14.3	15.2	16.0	17.1	18.1	19.1	20.2	21.6
35°	12.6	13.5	14.4	15.3	16.3	17.4	18.6	19.6	21.0	22.6	24.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	13.5	14.5	15.4	16.5	17.7	18.9	20.0	21.7	23.4	24.9	27.0
32.5°	14.4	15.4	16.5	17.8	19.1	20.4	22.2	24.0	25.6	28.8	32.2
31.25°	15.3	16.5	17.8	19.1	20.6	22.5	24.4	26.3	30.1	33.8	37.3
30°	16.3	17.7	19.1	20.6	22.6	24.6	27.0	31.0	34.9	38.7	46.9
28.75°	17.4	18.9	20.4	22.5	24.6	27.2	31.4	35.6	40.4	49.8	58.8
27.5°	18.6	20.0	22.2	24.4	27.0	31.4	35.8	41.6	51.5	61.1	70.4
26.25°	19.6	21.7	24.0	26.3	31.0	35.6	41.6	52.0	62.2	72.1	81.5
25°	21.0	23.4	25.6	30.1	34.9	40.4	51.5	62.2	72.7	82.6	92.3
23.75°	22.6	24.9	28.8	33.8	38.7	49.8	61.1	72.1	82.6	92.9	103.6
22.5°	24.0	27.0	32.2	37.3	46.9	58.8	70.4	81.5	92.3	103.6	116.3
21.25°	25.4	30.2	35.5	43.0	55.3	67.5	79.1	90.5	102.0	115.5	128.7
20°	27.7	33.2	38.6	50.8	63.4	75.7	87.5	99.2	113.2	127.1	141.4
18.75°	30.5	36.1	45.2	58.2	71.1	83.4	95.6	109.4	123.9	138.5	155.5
17.5°	33.1	38.8	52.0	65.3	78.2	90.8	104.1	119.2	134.2	151.5	170.6
16.25°	35.6	44.7	58.4	71.9	84.9	97.8	113.1	128.6	145.5	164.8	185.9
15°	38.0	50.5	64.5	78.0	91.3	105.5	121.6	137.6	156.9	178.2	201.4
13.75°	41.7	55.9	70.1	83.7	97.2	113.1	129.5	147.7	168.7	191.7	217.5
12.5°	46.5	60.9	75.1	88.9	103.3	120.2	136.9	157.4	180.1	205.3	234.2
11.25°	50.9	65.5	79.7	93.8	109.5	126.7	145.2	167.0	191.2	218.5	250.3
10°	54.8	69.6	83.9	98.1	115.2	132.6	152.7	175.8	201.9	232.0	268.0
8.75°	58.3	73.2	87.6	102.5	120.2	138.0	159.9	184.4	212.2	244.5	284.1
7.5°	61.4	76.3	90.9	106.7	124.6	143.6	166.5	192.0	221.2	256.6	298.3
6.25°	64.0	78.9	93.6	110.3	128.3	148.4	172.1	198.7	230.1	268.2	310.5
5°	66.2	81.1	95.9	113.2	131.4	152.4	176.8	204.8	237.6	277.7	320.7
3.75°	67.8	82.8	97.7	115.5	133.9	155.5	180.8	209.6	243.4	285.2	328.6
2.5°	69.0	84.0	99.0	117.2	135.6	158.0	183.7	213.0	247.6	290.6	334.4
1.25°	69.8	84.8	99.7	118.2	136.7	159.5	185.4	215.1	250.2	293.9	337.8
0°	70.0	85.0	100.0	118.5	137.0	160.0	186.0	215.8	251.0	295.0	339.0
-1.25°	69.8	84.8	99.7	118.2	136.7	159.5	185.4	215.1	250.2	293.9	337.8
-2.5°	69.0	84.0	99.0	117.2	135.6	158.0	183.7	213.0	247.6	290.6	334.4
-3.75°	67.8	82.8	97.7	115.5	133.9	155.5	180.8	209.6	243.4	285.2	328.6
-5°	66.2	81.1	95.9	113.2	131.4	152.4	176.8	204.8	237.6	277.7	320.7
-6.25°	64.0	78.9	93.6	110.3	128.3	148.4	172.1	198.7	230.1	268.2	310.5
-7.5°	61.4	76.3	90.9	106.7	124.6	143.6	166.5	192.0	221.2	256.6	298.3
-8.75°	58.3	73.2	87.6	102.5	120.2	138.0	159.9	184.4	212.2	244.5	284.1
-10°	54.8	69.6	83.9	98.1	115.2	132.6	152.7	175.8	201.9	232.0	268.0
-11.25°	50.9	65.5	79.7	93.8	109.5	126.7	145.2	167.0	191.2	218.5	250.3
-12.5°	46.5	60.9	75.1	88.9	103.3	120.2	136.9	157.4	180.1	205.3	234.2
-13.75°	41.7	55.9	70.1	83.7	97.2	113.1	129.5	147.7	168.7	191.7	217.5
-15°	38.0	50.5	64.5	78.0	91.3	105.5	121.6	137.6	156.9	178.2	201.4
-16.25°	35.6	44.7	58.4	71.9	84.9	97.8	113.1	128.6	145.5	164.8	185.9
-17.5°	33.1	38.8	52.0	65.3	78.2	90.8	104.1	119.2	134.2	151.5	170.6
-18.75°	30.5	36.1	45.2	58.2	71.1	83.4	95.6	109.4	123.9	138.5	155.5
-20°	27.7	33.2	38.6	50.8	63.4	75.7	87.5	99.2	113.2	127.1	141.4
-21.25°	25.4	30.2	35.5	43.0	55.3	67.5	79.1	90.5	102.0	115.5	128.7





REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	24.0	27.0	32.2	37.3	46.9	58.8	70.4	81.5	92.3	103.6	116.3
-23.75°	22.6	24.9	28.8	33.8	38.7	49.8	61.1	72.1	82.6	92.9	103.6
-25°	21.0	23.4	25.6	30.1	34.9	40.4	51.5	62.2	72.7	82.6	92.3
-26.25°	19.6	21.7	24.0	26.3	31.0	35.6	41.6	52.0	62.2	72.1	81.5
-27.5°	18.6	20.0	22.2	24.4	27.0	31.4	35.8	41.6	51.5	61.1	70.4
-28.75°	17.4	18.9	20.4	22.5	24.6	27.2	31.4	35.6	40.4	49.8	58.8
-30°	16.3	17.7	19.1	20.6	22.6	24.6	27.0	31.0	34.9	38.7	46.9
-31.25°	15.3	16.5	17.8	19.1	20.6	22.5	24.4	26.3	30.1	33.8	37.3
-32.5°	14.4	15.4	16.5	17.8	19.1	20.4	22.2	24.0	25.6	28.8	32.2
-33.75°	13.5	14.5	15.4	16.5	17.7	18.9	20.0	21.7	23.4	24.9	27.0
-35°	12.6	13.5	14.4	15.3	16.3	17.4	18.6	19.6	21.0	22.6	24.0
-36.25°	11.6	12.5	13.4	14.3	15.2	16.0	17.1	18.1	19.1	20.2	21.6
-37.5°	10.6	11.5	12.4	13.2	14.1	14.9	15.7	16.6	17.6	18.5	19.4
-38.75°	9.9	10.5	11.4	12.2	13.0	13.8	14.5	15.3	16.0	16.9	17.8
-40°	9.5	9.8	10.3	11.1	11.9	12.6	13.4	14.1	14.8	15.4	16.1
-41.25°	9.2	9.5	9.7	10.0	10.8	11.5	12.2	12.9	13.5	14.2	14.8
-42.5°	8.9	9.1	9.4	9.6	9.9	10.3	11.0	11.7	12.3	12.9	13.5
-43.75°	8.5	8.8	9.0	9.3	9.5	9.7	9.9	10.5	11.1	11.7	12.2
-45°	8.2	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.4	10.9
-46.25°	8.0	8.0	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9
-47.5°	8.0	8.0	8.0	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.4
-48.75°	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.5	8.7	8.8	9.0
-50°	7.7	7.9	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.4	8.6
-51.25°	7.3	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.1
-52.5°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.0
-53.75°	7.0	7.0	7.0	7.1	7.3	7.5	7.7	7.8	8.0	8.0	8.0
-55°	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.4	7.5	7.7	7.8
-56.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.4
-57.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-62.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-63.75°	6.5	6.6	6.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-65°	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.0
-66.25°	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7
-67.5°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3
-68.75°	5.0	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
-70°	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.3	5.4
-71.25°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-72.5°	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-73.75°	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0
-75°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5
-76.25°	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8	4.0	4.0	4.1
-77.5°	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.1	3.2



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.3
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-81.25°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
-83.75°	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
82.5°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
78.75°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9
77.5°	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8	3.9
76.25°	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
75°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
71.25°	5.0	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.4
70°	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9
68.75°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4
67.5°	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9
66.25°	6.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
65°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.2	7.3	7.3
57.5°	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.8
56.25°	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0
55°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
53.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.2	8.3
52.5°	8.0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.7	8.8
51.25°	8.3	8.4	8.5	8.7	8.8	8.9	9.0	9.1	9.1	9.2	9.3
50°	8.7	8.9	9.0	9.1	9.2	9.4	9.5	9.5	9.6	9.7	9.8
48.75°	9.2	9.3	9.5	9.6	9.7	9.8	9.9	10.1	10.3	10.6	10.8
47.5°	9.6	9.8	9.9	10.1	10.5	10.9	11.2	11.5	11.8	12.0	12.3
46.25°	10.2	10.6	11.1	11.5	11.9	12.3	12.6	13.0	13.2	13.5	13.7
45°	11.5	12.0	12.4	12.9	13.3	13.7	14.1	14.4	14.7	15.0	15.2
43.75°	12.8	13.3	13.8	14.3	14.7	15.1	15.5	15.8	16.2	16.6	16.9
42.5°	14.1	14.6	15.1	15.6	16.1	16.7	17.2	17.7	18.1	18.5	18.8
41.25°	15.4	15.9	16.6	17.3	17.9	18.5	19.1	19.6	20.0	20.6	21.2
40°	16.9	17.7	18.4	19.1	19.8	20.5	21.4	22.2	22.9	23.5	24.1
38.75°	18.6	19.4	20.2	21.3	22.4	23.3	24.2	25.0	25.8	26.9	28.2
37.5°	20.4	21.7	22.9	24.0	25.1	26.1	28.1	30.0	31.7	33.2	34.5
36.25°	23.0	24.3	25.5	27.4	29.8	32.1	34.1	36.1	37.8	40.0	43.3
35°	25.4	27.7	30.5	33.1	35.6	38.0	41.7	46.5	50.9	54.8	58.3



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	30.2	33.2	36.1	38.8	44.7	50.5	55.9	60.9	65.5	69.6	73.2
32.5°	35.5	38.6	45.2	52.0	58.4	64.5	70.1	75.1	79.7	83.9	87.6
31.25°	43.0	50.8	58.2	65.3	71.9	78.0	83.7	88.9	93.8	98.1	102.5
30°	55.3	63.4	71.1	78.2	84.9	91.3	97.2	103.3	109.5	115.2	120.2
28.75°	67.5	75.7	83.4	90.8	97.8	105.5	113.1	120.2	126.7	132.6	138.0
27.5°	79.1	87.5	95.6	104.1	113.1	121.6	129.5	136.9	145.2	152.7	159.9
26.25°	90.5	99.2	109.4	119.2	128.6	137.6	147.7	157.4	167.0	175.8	184.4
25°	102.0	113.2	123.9	134.2	145.5	156.9	168.7	180.1	191.2	201.9	212.2
23.75°	115.5	127.1	138.5	151.5	164.8	178.2	191.7	205.3	218.5	232.0	244.5
22.5°	128.7	141.4	155.5	170.6	185.9	201.4	217.5	234.2	250.3	268.0	284.1
21.25°	142.4	157.8	174.0	191.1	209.0	227.5	247.0	268.4	289.0	307.8	324.8
20°	157.8	175.2	193.7	213.6	234.8	257.5	282.3	305.6	327.3	350.3	375.2
18.75°	174.0	193.7	215.1	238.5	264.4	291.8	317.7	343.4	375.0	404.1	430.5
17.5°	191.1	213.6	238.5	266.7	296.5	325.1	357.5	393.1	426.4	457.2	495.7
16.25°	209.0	234.8	264.4	296.5	327.6	364.5	404.1	441.6	483.6	530.3	591.0
15°	227.5	257.5	291.8	325.1	364.5	407.8	449.2	500.7	563.8	636.4	733.8
13.75°	247.0	282.3	317.7	357.5	404.1	449.2	506.4	580.9	676.5	793.5	950.7
12.5°	268.4	305.6	343.4	393.1	441.6	500.7	580.9	690.0	836.2	1021.1	1251.2
11.25°	289.0	327.3	375.0	426.4	483.6	563.8	676.5	836.2	1052.0	1316.2	1623.4
10°	307.8	350.3	404.1	457.2	530.3	636.4	793.5	1021.1	1316.2	1666.7	2032.9
8.75°	324.8	375.2	430.5	495.7	591.0	733.8	950.7	1251.2	1623.4	2032.9	2435.8
7.5°	340.1	397.3	454.0	531.7	652.8	841.9	1123.8	1495.4	1929.6	2379.2	2802.7
6.25°	358.1	416.3	480.0	576.0	724.0	957.5	1294.5	1728.5	2212.9	2687.6	3119.9
5°	373.0	432.2	504.3	613.1	785.1	1072.3	1469.0	1949.7	2459.1	2946.0	3381.4
3.75°	384.7	444.7	523.4	648.3	856.9	1178.7	1613.6	2127.7	2655.5	3145.4	3582.0
2.5°	393.2	453.7	540.0	680.2	909.0	1256.1	1720.7	2260.3	2796.1	3289.2	3731.1
1.25°	398.3	459.2	552.0	699.5	940.6	1303.2	1793.1	2341.6	2882.4	3378.0	3820.2
0°	400.0	461.0	556.0	706.0	951.3	1319.0	1817.5	2369.0	2911.5	3408.0	3849.8
-1.25°	398.3	459.2	552.0	699.5	940.6	1303.2	1793.1	2341.6	2882.4	3378.0	3820.2
-2.5°	393.2	453.7	540.0	680.2	909.0	1256.1	1720.7	2260.3	2796.1	3289.2	3731.1
-3.75°	384.7	444.7	523.4	648.3	856.9	1178.7	1613.6	2127.7	2655.5	3145.4	3582.0
-5°	373.0	432.2	504.3	613.1	785.1	1072.3	1469.0	1949.7	2459.1	2946.0	3381.4
-6.25°	358.1	416.3	480.0	576.0	724.0	957.5	1294.5	1728.5	2212.9	2687.6	3119.9
-7.5°	340.1	397.3	454.0	531.7	652.8	841.9	1123.8	1495.4	1929.6	2379.2	2802.7
-8.75°	324.8	375.2	430.5	495.7	591.0	733.8	950.7	1251.2	1623.4	2032.9	2435.8
-10°	307.8	350.3	404.1	457.2	530.3	636.4	793.5	1021.1	1316.2	1666.7	2032.9
-11.25°	289.0	327.3	375.0	426.4	483.6	563.8	676.5	836.2	1052.0	1316.2	1623.4
-12.5°	268.4	305.6	343.4	393.1	441.6	500.7	580.9	690.0	836.2	1021.1	1251.2
-13.75°	247.0	282.3	317.7	357.5	404.1	449.2	506.4	580.9	676.5	793.5	950.7
-15°	227.5	257.5	291.8	325.1	364.5	407.8	449.2	500.7	563.8	636.4	733.8
-16.25°	209.0	234.8	264.4	296.5	327.6	364.5	404.1	441.6	483.6	530.3	591.0
-17.5°	191.1	213.6	238.5	266.7	296.5	325.1	357.5	393.1	426.4	457.2	495.7
-18.75°	174.0	193.7	215.1	238.5	264.4	291.8	317.7	343.4	375.0	404.1	430.5
-20°	157.8	175.2	193.7	213.6	234.8	257.5	282.3	305.6	327.3	350.3	375.2
-21.25°	142.4	157.8	174.0	191.1	209.0	227.5	247.0	268.4	289.0	307.8	324.8



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	128.7	141.4	155.5	170.6	185.9	201.4	217.5	234.2	250.3	268.0	284.1
-23.75°	115.5	127.1	138.5	151.5	164.8	178.2	191.7	205.3	218.5	232.0	244.5
-25°	102.0	113.2	123.9	134.2	145.5	156.9	168.7	180.1	191.2	201.9	212.2
-26.25°	90.5	99.2	109.4	119.2	128.6	137.6	147.7	157.4	167.0	175.8	184.4
-27.5°	79.1	87.5	95.6	104.1	113.1	121.6	129.5	136.9	145.2	152.7	159.9
-28.75°	67.5	75.7	83.4	90.8	97.8	105.5	113.1	120.2	126.7	132.6	138.0
-30°	55.3	63.4	71.1	78.2	84.9	91.3	97.2	103.3	109.5	115.2	120.2
-31.25°	43.0	50.8	58.2	65.3	71.9	78.0	83.7	88.9	93.8	98.1	102.5
-32.5°	35.5	38.6	45.2	52.0	58.4	64.5	70.1	75.1	79.7	83.9	87.6
-33.75°	30.2	33.2	36.1	38.8	44.7	50.5	55.9	60.9	65.5	69.6	73.2
-35°	25.4	27.7	30.5	33.1	35.6	38.0	41.7	46.5	50.9	54.8	58.3
-36.25°	23.0	24.3	25.5	27.4	29.8	32.1	34.1	36.1	37.8	40.0	43.3
-37.5°	20.4	21.7	22.9	24.0	25.1	26.1	28.1	30.0	31.7	33.2	34.5
-38.75°	18.6	19.4	20.2	21.3	22.4	23.3	24.2	25.0	25.8	26.9	28.2
-40°	16.9	17.7	18.4	19.1	19.8	20.5	21.4	22.2	22.9	23.5	24.1
-41.25°	15.4	15.9	16.6	17.3	17.9	18.5	19.1	19.6	20.0	20.6	21.2
-42.5°	14.1	14.6	15.1	15.6	16.1	16.7	17.2	17.7	18.1	18.5	18.8
-43.75°	12.8	13.3	13.8	14.3	14.7	15.1	15.5	15.8	16.2	16.6	16.9
-45°	11.5	12.0	12.4	12.9	13.3	13.7	14.1	14.4	14.7	15.0	15.2
-46.25°	10.2	10.6	11.1	11.5	11.9	12.3	12.6	13.0	13.2	13.5	13.7
-47.5°	9.6	9.8	9.9	10.1	10.5	10.9	11.2	11.5	11.8	12.0	12.3
-48.75°	9.2	9.3	9.5	9.6	9.7	9.8	9.9	10.1	10.3	10.6	10.8
-50°	8.7	8.9	9.0	9.1	9.2	9.4	9.5	9.5	9.6	9.7	9.8
-51.25°	8.3	8.4	8.5	8.7	8.8	8.9	9.0	9.1	9.1	9.2	9.3
-52.5°	8.0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.7	8.8
-53.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.2	8.3
-55°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-56.25°	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0
-57.5°	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.8
-58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.2	7.3	7.3
-60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-65°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-66.25°	6.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-67.5°	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9
-68.75°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4
-70°	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9
-71.25°	5.0	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.4
-72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-75°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-76.25°	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
-77.5°	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8	3.9



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
-83.75°	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
78.75°	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
71.25°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
70°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
68.75°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
67.5°	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
66.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
65°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
58.75°	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4
57.5°	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9
56.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
55°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
53.75°	8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4
52.5°	8.8	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
51.25°	9.3	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4
50°	9.8	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
48.75°	11.0	11.1	11.3	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3
47.5°	12.5	12.6	12.8	12.9	12.9	13.0	13.0	13.0	12.9	12.9	12.8
46.25°	13.9	14.1	14.2	14.4	14.4	14.5	14.5	14.5	14.4	14.4	14.2
45°	15.4	15.6	15.7	15.9	15.9	16.0	16.0	16.0	15.9	15.9	15.7
43.75°	17.2	17.4	17.6	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6
42.5°	19.1	19.4	19.6	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6
41.25°	21.7	22.1	22.4	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.4
40°	24.6	25.0	25.4	25.6	25.8	26.0	26.0	26.0	25.8	25.6	25.4
38.75°	29.3	30.3	31.1	31.7	32.1	32.4	32.5	32.4	32.1	31.7	31.1
37.5°	35.7	36.7	37.5	38.2	38.6	38.9	39.0	38.9	38.6	38.2	37.5
36.25°	46.3	48.8	50.8	52.4	53.6	54.3	54.5	54.3	53.6	52.4	50.8
35°	61.4	64.0	66.2	67.8	69.0	69.8	70.0	69.8	69.0	67.8	66.2



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	76.3	78.9	81.1	82.8	84.0	84.8	85.0	84.8	84.0	82.8	81.1
32.5°	90.9	93.6	95.9	97.7	99.0	99.7	100.0	99.7	99.0	97.7	95.9
31.25°	106.7	110.3	113.2	115.5	117.2	118.2	118.5	118.2	117.2	115.5	113.2
30°	124.6	128.3	131.4	133.9	135.6	136.7	137.0	136.7	135.6	133.9	131.4
28.75°	143.6	148.4	152.4	155.5	158.0	159.5	160.0	159.5	158.0	155.5	152.4
27.5°	166.5	172.1	176.8	180.8	183.7	185.4	186.0	185.4	183.7	180.8	176.8
26.25°	192.0	198.7	204.8	209.6	213.0	215.1	215.8	215.1	213.0	209.6	204.8
25°	221.2	230.1	237.6	243.4	247.6	250.2	251.0	250.2	247.6	243.4	237.6
23.75°	256.6	268.2	277.7	285.2	290.6	293.9	295.0	293.9	290.6	285.2	277.7
22.5°	298.3	310.5	320.7	328.6	334.4	337.8	339.0	337.8	334.4	328.6	320.7
21.25°	340.1	358.1	373.0	384.7	393.2	398.3	400.0	398.3	393.2	384.7	373.0
20°	397.3	416.3	432.2	444.7	453.7	459.2	461.0	459.2	453.7	444.7	432.2
18.75°	454.0	480.0	504.3	523.4	540.0	552.0	556.0	552.0	540.0	523.4	504.3
17.5°	531.7	576.0	613.1	648.3	680.2	699.5	706.0	699.5	680.2	648.3	613.1
16.25°	652.8	724.0	785.1	856.9	909.0	940.6	951.3	940.6	909.0	856.9	785.1
15°	841.9	957.5	1072.3	1178.7	1256.1	1303.2	1319.0	1303.2	1256.1	1178.7	1072.3
13.75°	1123.8	1294.5	1469.0	1613.6	1720.7	1793.1	1817.5	1793.1	1720.7	1613.6	1469.0
12.5°	1495.4	1728.5	1949.7	2127.7	2260.3	2341.6	2369.0	2341.6	2260.3	2127.7	1949.7
11.25°	1929.6	2212.9	2459.1	2655.5	2796.1	2882.4	2911.5	2882.4	2796.1	2655.5	2459.1
10°	2379.2	2687.6	2946.0	3145.4	3289.2	3378.0	3408.0	3378.0	3289.2	3145.4	2946.0
8.75°	2802.7	3119.9	3381.4	3582.0	3731.1	3820.2	3849.8	3820.2	3731.1	3582.0	3381.4
7.5°	3177.3	3497.0	3763.9	3973.5	4131.2	4225.3	4257.5	4225.3	4131.2	3973.5	3763.9
6.25°	3497.0	3822.9	4101.7	4324.8	4488.6	4587.0	4621.0	4587.0	4488.6	4324.8	4101.7
5°	3763.9	4101.7	4393.2	4621.8	4792.0	4899.9	4938.0	4899.9	4792.0	4621.8	4393.2
3.75°	3973.5	4324.8	4621.8	4863.3	5040.8	5153.5	5185.8	5153.5	5040.8	4863.3	4621.8
2.5°	4131.2	4488.6	4792.0	5040.8	5219.9	5329.0	5363.5	5329.0	5219.9	5040.8	4792.0
1.25°	4225.3	4587.0	4899.9	5153.5	5329.0	5440.8	5482.8	5440.8	5329.0	5153.5	4899.9
0°	4257.5	4621.0	4938.0	5185.8	5363.5	5482.8	5542.0	5482.8	5363.5	5185.8	4938.0
-1.25°	4225.3	4587.0	4899.9	5153.5	5329.0	5440.8	5482.8	5440.8	5329.0	5153.5	4899.9
-2.5°	4131.2	4488.6	4792.0	5040.8	5219.9	5329.0	5363.5	5329.0	5219.9	5040.8	4792.0
-3.75°	3973.5	4324.8	4621.8	4863.3	5040.8	5153.5	5185.8	5153.5	5040.8	4863.3	4621.8
-5°	3763.9	4101.7	4393.2	4621.8	4792.0	4899.9	4938.0	4899.9	4792.0	4621.8	4393.2
-6.25°	3497.0	3822.9	4101.7	4324.8	4488.6	4587.0	4621.0	4587.0	4488.6	4324.8	4101.7
-7.5°	3177.3	3497.0	3763.9	3973.5	4131.2	4225.3	4257.5	4225.3	4131.2	3973.5	3763.9
-8.75°	2802.7	3119.9	3381.4	3582.0	3731.1	3820.2	3849.8	3820.2	3731.1	3582.0	3381.4
-10°	2379.2	2687.6	2946.0	3145.4	3289.2	3378.0	3408.0	3378.0	3289.2	3145.4	2946.0
-11.25°	1929.6	2212.9	2459.1	2655.5	2796.1	2882.4	2911.5	2882.4	2796.1	2655.5	2459.1
-12.5°	1495.4	1728.5	1949.7	2127.7	2260.3	2341.6	2369.0	2341.6	2260.3	2127.7	1949.7
-13.75°	1123.8	1294.5	1469.0	1613.6	1720.7	1793.1	1817.5	1793.1	1720.7	1613.6	1469.0
-15°	841.9	957.5	1072.3	1178.7	1256.1	1303.2	1319.0	1303.2	1256.1	1178.7	1072.3
-16.25°	652.8	724.0	785.1	856.9	909.0	940.6	951.3	940.6	909.0	856.9	785.1
-17.5°	531.7	576.0	613.1	648.3	680.2	699.5	706.0	699.5	680.2	648.3	613.1
-18.75°	454.0	480.0	504.3	523.4	540.0	552.0	556.0	552.0	540.0	523.4	504.3
-20°	397.3	416.3	432.2	444.7	453.7	459.2	461.0	459.2	453.7	444.7	432.2
-21.25°	340.1	358.1	373.0	384.7	393.2	398.3	400.0	398.3	393.2	384.7	373.0





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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	298.3	310.5	320.7	328.6	334.4	337.8	339.0	337.8	334.4	328.6	320.7
-23.75°	256.6	268.2	277.7	285.2	290.6	293.9	295.0	293.9	290.6	285.2	277.7
-25°	221.2	230.1	237.6	243.4	247.6	250.2	251.0	250.2	247.6	243.4	237.6
-26.25°	192.0	198.7	204.8	209.6	213.0	215.1	215.8	215.1	213.0	209.6	204.8
-27.5°	166.5	172.1	176.8	180.8	183.7	185.4	186.0	185.4	183.7	180.8	176.8
-28.75°	143.6	148.4	152.4	155.5	158.0	159.5	160.0	159.5	158.0	155.5	152.4
-30°	124.6	128.3	131.4	133.9	135.6	136.7	137.0	136.7	135.6	133.9	131.4
-31.25°	106.7	110.3	113.2	115.5	117.2	118.2	118.5	118.2	117.2	115.5	113.2
-32.5°	90.9	93.6	95.9	97.7	99.0	99.7	100.0	99.7	99.0	97.7	95.9
-33.75°	76.3	78.9	81.1	82.8	84.0	84.8	85.0	84.8	84.0	82.8	81.1
-35°	61.4	64.0	66.2	67.8	69.0	69.8	70.0	69.8	69.0	67.8	66.2
-36.25°	46.3	48.8	50.8	52.4	53.6	54.3	54.5	54.3	53.6	52.4	50.8
-37.5°	35.7	36.7	37.5	38.2	38.6	38.9	39.0	38.9	38.6	38.2	37.5
-38.75°	29.3	30.3	31.1	31.7	32.1	32.4	32.5	32.4	32.1	31.7	31.1
-40°	24.6	25.0	25.4	25.6	25.8	26.0	26.0	26.0	25.8	25.6	25.4
-41.25°	21.7	22.1	22.4	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.4
-42.5°	19.1	19.4	19.6	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6
-43.75°	17.2	17.4	17.6	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6
-45°	15.4	15.6	15.7	15.9	15.9	16.0	16.0	16.0	15.9	15.9	15.7
-46.25°	13.9	14.1	14.2	14.4	14.4	14.5	14.5	14.5	14.4	14.4	14.2
-47.5°	12.5	12.6	12.8	12.9	12.9	13.0	13.0	13.0	12.9	12.9	12.8
-48.75°	11.0	11.1	11.3	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3
-50°	9.8	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
-51.25°	9.3	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4
-52.5°	8.8	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
-53.75°	8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4
-55°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-56.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-57.5°	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9
-58.75°	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4
-60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-65°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-66.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-67.5°	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-68.75°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-70°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-71.25°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-75°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-77.5°	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-83.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
78.75°	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5
77.5°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.5	3.5
76.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
75°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
71.25°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.1
70°	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6	5.6
68.75°	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0
67.5°	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5
66.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
65°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
58.75°	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.0	7.0	7.0	7.0
57.5°	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2
56.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7
55°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
53.75°	8.4	8.4	8.3	8.2	8.2	8.1	8.0	8.0	8.0	8.0	8.0
52.5°	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.1
51.25°	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.5
50°	9.9	9.8	9.8	9.7	9.6	9.5	9.5	9.4	9.2	9.1	9.0
48.75°	11.1	11.0	10.8	10.6	10.3	10.1	9.9	9.8	9.7	9.6	9.5
47.5°	12.6	12.5	12.3	12.0	11.8	11.5	11.2	10.9	10.5	10.1	9.9
46.25°	14.1	13.9	13.7	13.5	13.2	13.0	12.6	12.3	11.9	11.5	11.1
45°	15.6	15.4	15.2	15.0	14.7	14.4	14.1	13.7	13.3	12.9	12.4
43.75°	17.4	17.2	16.9	16.6	16.2	15.8	15.5	15.1	14.7	14.3	13.8
42.5°	19.4	19.1	18.8	18.5	18.1	17.7	17.2	16.7	16.1	15.6	15.1
41.25°	22.1	21.7	21.2	20.6	20.0	19.6	19.1	18.5	17.9	17.3	16.6
40°	25.0	24.6	24.1	23.5	22.9	22.2	21.4	20.5	19.8	19.1	18.4
38.75°	30.3	29.3	28.2	26.9	25.8	25.0	24.2	23.3	22.4	21.3	20.2
37.5°	36.7	35.7	34.5	33.2	31.7	30.0	28.1	26.1	25.1	24.0	22.9
36.25°	48.8	46.3	43.3	40.0	37.8	36.1	34.1	32.1	29.8	27.4	25.5
35°	64.0	61.4	58.3	54.8	50.9	46.5	41.7	38.0	35.6	33.1	30.5



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	78.9	76.3	73.2	69.6	65.5	60.9	55.9	50.5	44.7	38.8	36.1
32.5°	93.6	90.9	87.6	83.9	79.7	75.1	70.1	64.5	58.4	52.0	45.2
31.25°	110.3	106.7	102.5	98.1	93.8	88.9	83.7	78.0	71.9	65.3	58.2
30°	128.3	124.6	120.2	115.2	109.5	103.3	97.2	91.3	84.9	78.2	71.1
28.75°	148.4	143.6	138.0	132.6	126.7	120.2	113.1	105.5	97.8	90.8	83.4
27.5°	172.1	166.5	159.9	152.7	145.2	136.9	129.5	121.6	113.1	104.1	95.6
26.25°	198.7	192.0	184.4	175.8	167.0	157.4	147.7	137.6	128.6	119.2	109.4
25°	230.1	221.2	212.2	201.9	191.2	180.1	168.7	156.9	145.5	134.2	123.9
23.75°	268.2	256.6	244.5	232.0	218.5	205.3	191.7	178.2	164.8	151.5	138.5
22.5°	310.5	298.3	284.1	268.0	250.3	234.2	217.5	201.4	185.9	170.6	155.5
21.25°	358.1	340.1	324.8	307.8	289.0	268.4	247.0	227.5	209.0	191.1	174.0
20°	416.3	397.3	375.2	350.3	327.3	305.6	282.3	257.5	234.8	213.6	193.7
18.75°	480.0	454.0	430.5	404.1	375.0	343.4	317.7	291.8	264.4	238.5	215.1
17.5°	576.0	531.7	495.7	457.2	426.4	393.1	357.5	325.1	296.5	266.7	238.5
16.25°	724.0	652.8	591.0	530.3	483.6	441.6	404.1	364.5	327.6	296.5	264.4
15°	957.5	841.9	733.8	636.4	563.8	500.7	449.2	407.8	364.5	325.1	291.8
13.75°	1294.5	1123.8	950.7	793.5	676.5	580.9	506.4	449.2	404.1	357.5	317.7
12.5°	1728.5	1495.4	1251.2	1021.1	836.2	690.0	580.9	500.7	441.6	393.1	343.4
11.25°	2212.9	1929.6	1623.4	1316.2	1052.0	836.2	676.5	563.8	483.6	426.4	375.0
10°	2687.6	2379.2	2032.9	1666.7	1316.2	1021.1	793.5	636.4	530.3	457.2	404.1
8.75°	3119.9	2802.7	2435.8	2032.9	1623.4	1251.2	950.7	733.8	591.0	495.7	430.5
7.5°	3497.0	3177.3	2802.7	2379.2	1929.6	1495.4	1123.8	841.9	652.8	531.7	454.0
6.25°	3822.9	3497.0	3119.9	2687.6	2212.9	1728.5	1294.5	957.5	724.0	576.0	480.0
5°	4101.7	3763.9	3381.4	2946.0	2459.1	1949.7	1469.0	1072.3	785.1	613.1	504.3
3.75°	4324.8	3973.5	3582.0	3145.4	2655.5	2127.7	1613.6	1178.7	856.9	648.3	523.4
2.5°	4488.6	4131.2	3731.1	3289.2	2796.1	2260.3	1720.7	1256.1	909.0	680.2	540.0
1.25°	4587.0	4225.3	3820.2	3378.0	2882.4	2341.6	1793.1	1303.2	940.6	699.5	552.0
0°	4621.0	4257.5	3849.8	3408.0	2911.5	2369.0	1817.5	1319.0	951.3	706.0	556.0
-1.25°	4587.0	4225.3	3820.2	3378.0	2882.4	2341.6	1793.1	1303.2	940.6	699.5	552.0
-2.5°	4488.6	4131.2	3731.1	3289.2	2796.1	2260.3	1720.7	1256.1	909.0	680.2	540.0
-3.75°	4324.8	3973.5	3582.0	3145.4	2655.5	2127.7	1613.6	1178.7	856.9	648.3	523.4
-5°	4101.7	3763.9	3381.4	2946.0	2459.1	1949.7	1469.0	1072.3	785.1	613.1	504.3
-6.25°	3822.9	3497.0	3119.9	2687.6	2212.9	1728.5	1294.5	957.5	724.0	576.0	480.0
-7.5°	3497.0	3177.3	2802.7	2379.2	1929.6	1495.4	1123.8	841.9	652.8	531.7	454.0
-8.75°	3119.9	2802.7	2435.8	2032.9	1623.4	1251.2	950.7	733.8	591.0	495.7	430.5
-10°	2687.6	2379.2	2032.9	1666.7	1316.2	1021.1	793.5	636.4	530.3	457.2	404.1
-11.25°	2212.9	1929.6	1623.4	1316.2	1052.0	836.2	676.5	563.8	483.6	426.4	375.0
-12.5°	1728.5	1495.4	1251.2	1021.1	836.2	690.0	580.9	500.7	441.6	393.1	343.4
-13.75°	1294.5	1123.8	950.7	793.5	676.5	580.9	506.4	449.2	404.1	357.5	317.7
-15°	957.5	841.9	733.8	636.4	563.8	500.7	449.2	407.8	364.5	325.1	291.8
-16.25°	724.0	652.8	591.0	530.3	483.6	441.6	404.1	364.5	327.6	296.5	264.4
-17.5°	576.0	531.7	495.7	457.2	426.4	393.1	357.5	325.1	296.5	266.7	238.5
-18.75°	480.0	454.0	430.5	404.1	375.0	343.4	317.7	291.8	264.4	238.5	215.1
-20°	416.3	397.3	375.2	350.3	327.3	305.6	282.3	257.5	234.8	213.6	193.7
-21.25°	358.1	340.1	324.8	307.8	289.0	268.4	247.0	227.5	209.0	191.1	174.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	310.5	298.3	284.1	268.0	250.3	234.2	217.5	201.4	185.9	170.6	155.5
-23.75°	268.2	256.6	244.5	232.0	218.5	205.3	191.7	178.2	164.8	151.5	138.5
-25°	230.1	221.2	212.2	201.9	191.2	180.1	168.7	156.9	145.5	134.2	123.9
-26.25°	198.7	192.0	184.4	175.8	167.0	157.4	147.7	137.6	128.6	119.2	109.4
-27.5°	172.1	166.5	159.9	152.7	145.2	136.9	129.5	121.6	113.1	104.1	95.6
-28.75°	148.4	143.6	138.0	132.6	126.7	120.2	113.1	105.5	97.8	90.8	83.4
-30°	128.3	124.6	120.2	115.2	109.5	103.3	97.2	91.3	84.9	78.2	71.1
-31.25°	110.3	106.7	102.5	98.1	93.8	88.9	83.7	78.0	71.9	65.3	58.2
-32.5°	93.6	90.9	87.6	83.9	79.7	75.1	70.1	64.5	58.4	52.0	45.2
-33.75°	78.9	76.3	73.2	69.6	65.5	60.9	55.9	50.5	44.7	38.8	36.1
-35°	64.0	61.4	58.3	54.8	50.9	46.5	41.7	38.0	35.6	33.1	30.5
-36.25°	48.8	46.3	43.3	40.0	37.8	36.1	34.1	32.1	29.8	27.4	25.5
-37.5°	36.7	35.7	34.5	33.2	31.7	30.0	28.1	26.1	25.1	24.0	22.9
-38.75°	30.3	29.3	28.2	26.9	25.8	25.0	24.2	23.3	22.4	21.3	20.2
-40°	25.0	24.6	24.1	23.5	22.9	22.2	21.4	20.5	19.8	19.1	18.4
-41.25°	22.1	21.7	21.2	20.6	20.0	19.6	19.1	18.5	17.9	17.3	16.6
-42.5°	19.4	19.1	18.8	18.5	18.1	17.7	17.2	16.7	16.1	15.6	15.1
-43.75°	17.4	17.2	16.9	16.6	16.2	15.8	15.5	15.1	14.7	14.3	13.8
-45°	15.6	15.4	15.2	15.0	14.7	14.4	14.1	13.7	13.3	12.9	12.4
-46.25°	14.1	13.9	13.7	13.5	13.2	13.0	12.6	12.3	11.9	11.5	11.1
-47.5°	12.6	12.5	12.3	12.0	11.8	11.5	11.2	10.9	10.5	10.1	9.9
-48.75°	11.1	11.0	10.8	10.6	10.3	10.1	9.9	9.8	9.7	9.6	9.5
-50°	9.9	9.8	9.8	9.7	9.6	9.5	9.5	9.4	9.2	9.1	9.0
-51.25°	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.5
-52.5°	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.1
-53.75°	8.4	8.4	8.3	8.2	8.2	8.1	8.0	8.0	8.0	8.0	8.0
-55°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-56.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7
-57.5°	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2
-58.75°	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.0	7.0	7.0	7.0
-60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-65°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-66.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-67.5°	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5
-68.75°	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0
-70°	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6	5.6
-71.25°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.1
-72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-75°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-76.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
-77.5°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.5	3.5



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
-83.75°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1
82.5°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
78.75°	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0
77.5°	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.6	2.5	2.4
76.25°	4.2	4.1	4.1	4.0	4.0	3.8	3.7	3.6	3.5	3.4	3.3
75°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.1	4.0
73.75°	5.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.5
72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9
71.25°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
70°	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.0	5.0	5.0	5.0
68.75°	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
67.5°	6.4	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5
66.25°	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9
65°	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4
63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8
62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
57.5°	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
56.25°	7.6	7.5	7.4	7.2	7.1	7.0	7.0	7.0	7.0	7.0	7.0
55°	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	7.0	7.0	7.0
53.75°	8.0	8.0	8.0	8.0	8.0	7.8	7.7	7.5	7.3	7.1	7.0
52.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.4
51.25°	8.4	8.3	8.1	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.7
50°	8.9	8.7	8.6	8.4	8.3	8.1	8.0	8.0	8.0	8.0	8.0
48.75°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.1	8.0	8.0	8.0
47.5°	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.3	8.1	8.0
46.25°	10.6	10.2	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3
45°	12.0	11.5	10.9	10.4	9.9	9.7	9.5	9.3	9.1	8.9	8.6
43.75°	13.3	12.8	12.2	11.7	11.1	10.5	9.9	9.7	9.5	9.3	9.0
42.5°	14.6	14.1	13.5	12.9	12.3	11.7	11.0	10.3	9.9	9.6	9.4
41.25°	15.9	15.4	14.8	14.2	13.5	12.9	12.2	11.5	10.8	10.0	9.7
40°	17.7	16.9	16.1	15.4	14.8	14.1	13.4	12.6	11.9	11.1	10.3
38.75°	19.4	18.6	17.8	16.9	16.0	15.3	14.5	13.8	13.0	12.2	11.4
37.5°	21.7	20.4	19.4	18.5	17.6	16.6	15.7	14.9	14.1	13.2	12.4
36.25°	24.3	23.0	21.6	20.2	19.1	18.1	17.1	16.0	15.2	14.3	13.4
35°	27.7	25.4	24.0	22.6	21.0	19.6	18.6	17.4	16.3	15.3	14.4



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	33.2	30.2	27.0	24.9	23.4	21.7	20.0	18.9	17.7	16.5	15.4
32.5°	38.6	35.5	32.2	28.8	25.6	24.0	22.2	20.4	19.1	17.8	16.5
31.25°	50.8	43.0	37.3	33.8	30.1	26.3	24.4	22.5	20.6	19.1	17.8
30°	63.4	55.3	46.9	38.7	34.9	31.0	27.0	24.6	22.6	20.6	19.1
28.75°	75.7	67.5	58.8	49.8	40.4	35.6	31.4	27.2	24.6	22.5	20.4
27.5°	87.5	79.1	70.4	61.1	51.5	41.6	35.8	31.4	27.0	24.4	22.2
26.25°	99.2	90.5	81.5	72.1	62.2	52.0	41.6	35.6	31.0	26.3	24.0
25°	113.2	102.0	92.3	82.6	72.7	62.2	51.5	40.4	34.9	30.1	25.6
23.75°	127.1	115.5	103.6	92.9	82.6	72.1	61.1	49.8	38.7	33.8	28.8
22.5°	141.4	128.7	116.3	103.6	92.3	81.5	70.4	58.8	46.9	37.3	32.2
21.25°	157.8	142.4	128.7	115.5	102.0	90.5	79.1	67.5	55.3	43.0	35.5
20°	175.2	157.8	141.4	127.1	113.2	99.2	87.5	75.7	63.4	50.8	38.6
18.75°	193.7	174.0	155.5	138.5	123.9	109.4	95.6	83.4	71.1	58.2	45.2
17.5°	213.6	191.1	170.6	151.5	134.2	119.2	104.1	90.8	78.2	65.3	52.0
16.25°	234.8	209.0	185.9	164.8	145.5	128.6	113.1	97.8	84.9	71.9	58.4
15°	257.5	227.5	201.4	178.2	156.9	137.6	121.6	105.5	91.3	78.0	64.5
13.75°	282.3	247.0	217.5	191.7	168.7	147.7	129.5	113.1	97.2	83.7	70.1
12.5°	305.6	268.4	234.2	205.3	180.1	157.4	136.9	120.2	103.3	88.9	75.1
11.25°	327.3	289.0	250.3	218.5	191.2	167.0	145.2	126.7	109.5	93.8	79.7
10°	350.3	307.8	268.0	232.0	201.9	175.8	152.7	132.6	115.2	98.1	83.9
8.75°	375.2	324.8	284.1	244.5	212.2	184.4	159.9	138.0	120.2	102.5	87.6
7.5°	397.3	340.1	298.3	256.6	221.2	192.0	166.5	143.6	124.6	106.7	90.9
6.25°	416.3	358.1	310.5	268.2	230.1	198.7	172.1	148.4	128.3	110.3	93.6
5°	432.2	373.0	320.7	277.7	237.6	204.8	176.8	152.4	131.4	113.2	95.9
3.75°	444.7	384.7	328.6	285.2	243.4	209.6	180.8	155.5	133.9	115.5	97.7
2.5°	453.7	393.2	334.4	290.6	247.6	213.0	183.7	158.0	135.6	117.2	99.0
1.25°	459.2	398.3	337.8	293.9	250.2	215.1	185.4	159.5	136.7	118.2	99.7
0°	461.0	400.0	339.0	295.0	251.0	215.8	186.0	160.0	137.0	118.5	100.0
-1.25°	459.2	398.3	337.8	293.9	250.2	215.1	185.4	159.5	136.7	118.2	99.7
-2.5°	453.7	393.2	334.4	290.6	247.6	213.0	183.7	158.0	135.6	117.2	99.0
-3.75°	444.7	384.7	328.6	285.2	243.4	209.6	180.8	155.5	133.9	115.5	97.7
-5°	432.2	373.0	320.7	277.7	237.6	204.8	176.8	152.4	131.4	113.2	95.9
-6.25°	416.3	358.1	310.5	268.2	230.1	198.7	172.1	148.4	128.3	110.3	93.6
-7.5°	397.3	340.1	298.3	256.6	221.2	192.0	166.5	143.6	124.6	106.7	90.9
-8.75°	375.2	324.8	284.1	244.5	212.2	184.4	159.9	138.0	120.2	102.5	87.6
-10°	350.3	307.8	268.0	232.0	201.9	175.8	152.7	132.6	115.2	98.1	83.9
-11.25°	327.3	289.0	250.3	218.5	191.2	167.0	145.2	126.7	109.5	93.8	79.7
-12.5°	305.6	268.4	234.2	205.3	180.1	157.4	136.9	120.2	103.3	88.9	75.1
-13.75°	282.3	247.0	217.5	191.7	168.7	147.7	129.5	113.1	97.2	83.7	70.1
-15°	257.5	227.5	201.4	178.2	156.9	137.6	121.6	105.5	91.3	78.0	64.5
-16.25°	234.8	209.0	185.9	164.8	145.5	128.6	113.1	97.8	84.9	71.9	58.4
-17.5°	213.6	191.1	170.6	151.5	134.2	119.2	104.1	90.8	78.2	65.3	52.0
-18.75°	193.7	174.0	155.5	138.5	123.9	109.4	95.6	83.4	71.1	58.2	45.2
-20°	175.2	157.8	141.4	127.1	113.2	99.2	87.5	75.7	63.4	50.8	38.6
-21.25°	157.8	142.4	128.7	115.5	102.0	90.5	79.1	67.5	55.3	43.0	35.5





REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	141.4	128.7	116.3	103.6	92.3	81.5	70.4	58.8	46.9	37.3	32.2
-23.75°	127.1	115.5	103.6	92.9	82.6	72.1	61.1	49.8	38.7	33.8	28.8
-25°	113.2	102.0	92.3	82.6	72.7	62.2	51.5	40.4	34.9	30.1	25.6
-26.25°	99.2	90.5	81.5	72.1	62.2	52.0	41.6	35.6	31.0	26.3	24.0
-27.5°	87.5	79.1	70.4	61.1	51.5	41.6	35.8	31.4	27.0	24.4	22.2
-28.75°	75.7	67.5	58.8	49.8	40.4	35.6	31.4	27.2	24.6	22.5	20.4
-30°	63.4	55.3	46.9	38.7	34.9	31.0	27.0	24.6	22.6	20.6	19.1
-31.25°	50.8	43.0	37.3	33.8	30.1	26.3	24.4	22.5	20.6	19.1	17.8
-32.5°	38.6	35.5	32.2	28.8	25.6	24.0	22.2	20.4	19.1	17.8	16.5
-33.75°	33.2	30.2	27.0	24.9	23.4	21.7	20.0	18.9	17.7	16.5	15.4
-35°	27.7	25.4	24.0	22.6	21.0	19.6	18.6	17.4	16.3	15.3	14.4
-36.25°	24.3	23.0	21.6	20.2	19.1	18.1	17.1	16.0	15.2	14.3	13.4
-37.5°	21.7	20.4	19.4	18.5	17.6	16.6	15.7	14.9	14.1	13.2	12.4
-38.75°	19.4	18.6	17.8	16.9	16.0	15.3	14.5	13.8	13.0	12.2	11.4
-40°	17.7	16.9	16.1	15.4	14.8	14.1	13.4	12.6	11.9	11.1	10.3
-41.25°	15.9	15.4	14.8	14.2	13.5	12.9	12.2	11.5	10.8	10.0	9.7
-42.5°	14.6	14.1	13.5	12.9	12.3	11.7	11.0	10.3	9.9	9.6	9.4
-43.75°	13.3	12.8	12.2	11.7	11.1	10.5	9.9	9.7	9.5	9.3	9.0
-45°	12.0	11.5	10.9	10.4	9.9	9.7	9.5	9.3	9.1	8.9	8.6
-46.25°	10.6	10.2	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3
-47.5°	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.3	8.1	8.0
-48.75°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.1	8.0	8.0	8.0
-50°	8.9	8.7	8.6	8.4	8.3	8.1	8.0	8.0	8.0	8.0	8.0
-51.25°	8.4	8.3	8.1	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.7
-52.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.4
-53.75°	8.0	8.0	8.0	8.0	8.0	7.8	7.7	7.5	7.3	7.1	7.0
-55°	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	7.0	7.0	7.0
-56.25°	7.6	7.5	7.4	7.2	7.1	7.0	7.0	7.0	7.0	7.0	7.0
-57.5°	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-60°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-61.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-62.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-63.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8
-65°	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4
-66.25°	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9
-67.5°	6.4	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5
-68.75°	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
-70°	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.0	5.0	5.0	5.0
-71.25°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9
-73.75°	5.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.5
-75°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.1	4.0
-76.25°	4.2	4.1	4.1	4.0	4.0	3.8	3.7	3.6	3.5	3.4	3.3
-77.5°	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.6	2.5	2.4



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-81.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
-82.5°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
-83.75°	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
81.25°	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8
78.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
76.25°	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0	2.0	2.0
75°	3.9	3.8	3.6	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.2
73.75°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.5	3.3	3.1	2.9
72.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.6
71.25°	5.0	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1
70°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.8	4.7	4.6	4.5
68.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.8
67.5°	5.4	5.3	5.2	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0
66.25°	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	5.0	5.0	5.0
65°	6.2	6.1	6.0	5.8	5.7	5.6	5.4	5.3	5.1	5.0	5.0
63.75°	6.6	6.5	6.4	6.2	6.1	5.9	5.8	5.6	5.5	5.3	5.1
62.5°	7.0	6.9	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4
61.25°	7.0	7.0	7.0	7.0	6.8	6.6	6.5	6.3	6.1	6.0	5.8
60°	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.7	6.5	6.3	6.1
58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.6	6.4
57.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.7
56.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
55°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
53.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
52.5°	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
51.25°	7.5	7.3	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
50°	7.9	7.7	7.5	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0
48.75°	8.0	8.0	7.8	7.6	7.4	7.1	7.0	7.0	7.0	7.0	7.0
47.5°	8.0	8.0	8.0	8.0	7.7	7.5	7.2	7.0	7.0	7.0	7.0
46.25°	8.0	8.0	8.0	8.0	8.0	7.8	7.5	7.3	7.0	7.0	7.0
45°	8.4	8.2	8.0	8.0	8.0	8.0	7.8	7.6	7.3	7.0	7.0
43.75°	8.8	8.5	8.3	8.0	8.0	8.0	8.0	7.9	7.6	7.3	7.0
42.5°	9.1	8.9	8.6	8.3	8.0	8.0	8.0	8.0	7.9	7.6	7.3
41.25°	9.5	9.2	8.9	8.6	8.4	8.1	8.0	8.0	8.0	7.8	7.5
40°	9.8	9.5	9.3	9.0	8.7	8.4	8.1	8.0	8.0	8.0	7.8
38.75°	10.5	9.9	9.6	9.3	9.0	8.7	8.4	8.0	8.0	8.0	8.0
37.5°	11.5	10.6	9.9	9.6	9.3	9.0	8.6	8.3	8.0	8.0	8.0
36.25°	12.5	11.6	10.7	9.9	9.6	9.3	8.9	8.6	8.3	8.0	8.0
35°	13.5	12.6	11.6	10.6	9.9	9.5	9.2	8.9	8.5	8.2	8.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	14.5	13.5	12.5	11.5	10.5	9.8	9.5	9.1	8.8	8.4	8.0
32.5°	15.4	14.4	13.4	12.4	11.4	10.3	9.7	9.4	9.0	8.6	8.3
31.25°	16.5	15.3	14.3	13.2	12.2	11.1	10.0	9.6	9.3	8.9	8.5
30°	17.7	16.3	15.2	14.1	13.0	11.9	10.8	9.9	9.5	9.1	8.7
28.75°	18.9	17.4	16.0	14.9	13.8	12.6	11.5	10.3	9.7	9.3	8.9
27.5°	20.0	18.6	17.1	15.7	14.5	13.4	12.2	11.0	9.9	9.5	9.1
26.25°	21.7	19.6	18.1	16.6	15.3	14.1	12.9	11.7	10.5	9.7	9.3
25°	23.4	21.0	19.1	17.6	16.0	14.8	13.5	12.3	11.1	9.9	9.5
23.75°	24.9	22.6	20.2	18.5	16.9	15.4	14.2	12.9	11.7	10.4	9.7
22.5°	27.0	24.0	21.6	19.4	17.8	16.1	14.8	13.5	12.2	10.9	9.9
21.25°	30.2	25.4	23.0	20.4	18.6	16.9	15.4	14.1	12.8	11.5	10.2
20°	33.2	27.7	24.3	21.7	19.4	17.7	15.9	14.6	13.3	12.0	10.6
18.75°	36.1	30.5	25.5	22.9	20.2	18.4	16.6	15.1	13.8	12.4	11.1
17.5°	38.8	33.1	27.4	24.0	21.3	19.1	17.3	15.6	14.3	12.9	11.5
16.25°	44.7	35.6	29.8	25.1	22.4	19.8	17.9	16.1	14.7	13.3	11.9
15°	50.5	38.0	32.1	26.1	23.3	20.5	18.5	16.7	15.1	13.7	12.3
13.75°	55.9	41.7	34.1	28.1	24.2	21.4	19.1	17.2	15.5	14.1	12.6
12.5°	60.9	46.5	36.1	30.0	25.0	22.2	19.6	17.7	15.8	14.4	13.0
11.25°	65.5	50.9	37.8	31.7	25.8	22.9	20.0	18.1	16.2	14.7	13.2
10°	69.6	54.8	40.0	33.2	26.9	23.5	20.6	18.5	16.6	15.0	13.5
8.75°	73.2	58.3	43.3	34.5	28.2	24.1	21.2	18.8	16.9	15.2	13.7
7.5°	76.3	61.4	46.3	35.7	29.3	24.6	21.7	19.1	17.2	15.4	13.9
6.25°	78.9	64.0	48.8	36.7	30.3	25.0	22.1	19.4	17.4	15.6	14.1
5°	81.1	66.2	50.8	37.5	31.1	25.4	22.4	19.6	17.6	15.7	14.2
3.75°	82.8	67.8	52.4	38.2	31.7	25.6	22.7	19.8	17.8	15.9	14.4
2.5°	84.0	69.0	53.6	38.6	32.1	25.8	22.9	19.9	17.9	15.9	14.4
1.25°	84.8	69.8	54.3	38.9	32.4	26.0	23.0	20.0	18.0	16.0	14.5
0°	85.0	70.0	54.5	39.0	32.5	26.0	23.0	20.0	18.0	16.0	14.5
-1.25°	84.8	69.8	54.3	38.9	32.4	26.0	23.0	20.0	18.0	16.0	14.5
-2.5°	84.0	69.0	53.6	38.6	32.1	25.8	22.9	19.9	17.9	15.9	14.4
-3.75°	82.8	67.8	52.4	38.2	31.7	25.6	22.7	19.8	17.8	15.9	14.4
-5°	81.1	66.2	50.8	37.5	31.1	25.4	22.4	19.6	17.6	15.7	14.2
-6.25°	78.9	64.0	48.8	36.7	30.3	25.0	22.1	19.4	17.4	15.6	14.1
-7.5°	76.3	61.4	46.3	35.7	29.3	24.6	21.7	19.1	17.2	15.4	13.9
-8.75°	73.2	58.3	43.3	34.5	28.2	24.1	21.2	18.8	16.9	15.2	13.7
-10°	69.6	54.8	40.0	33.2	26.9	23.5	20.6	18.5	16.6	15.0	13.5
-11.25°	65.5	50.9	37.8	31.7	25.8	22.9	20.0	18.1	16.2	14.7	13.2
-12.5°	60.9	46.5	36.1	30.0	25.0	22.2	19.6	17.7	15.8	14.4	13.0
-13.75°	55.9	41.7	34.1	28.1	24.2	21.4	19.1	17.2	15.5	14.1	12.6
-15°	50.5	38.0	32.1	26.1	23.3	20.5	18.5	16.7	15.1	13.7	12.3
-16.25°	44.7	35.6	29.8	25.1	22.4	19.8	17.9	16.1	14.7	13.3	11.9
-17.5°	38.8	33.1	27.4	24.0	21.3	19.1	17.3	15.6	14.3	12.9	11.5
-18.75°	36.1	30.5	25.5	22.9	20.2	18.4	16.6	15.1	13.8	12.4	11.1
-20°	33.2	27.7	24.3	21.7	19.4	17.7	15.9	14.6	13.3	12.0	10.6
-21.25°	30.2	25.4	23.0	20.4	18.6	16.9	15.4	14.1	12.8	11.5	10.2



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	27.0	24.0	21.6	19.4	17.8	16.1	14.8	13.5	12.2	10.9	9.9
-23.75°	24.9	22.6	20.2	18.5	16.9	15.4	14.2	12.9	11.7	10.4	9.7
-25°	23.4	21.0	19.1	17.6	16.0	14.8	13.5	12.3	11.1	9.9	9.5
-26.25°	21.7	19.6	18.1	16.6	15.3	14.1	12.9	11.7	10.5	9.7	9.3
-27.5°	20.0	18.6	17.1	15.7	14.5	13.4	12.2	11.0	9.9	9.5	9.1
-28.75°	18.9	17.4	16.0	14.9	13.8	12.6	11.5	10.3	9.7	9.3	8.9
-30°	17.7	16.3	15.2	14.1	13.0	11.9	10.8	9.9	9.5	9.1	8.7
-31.25°	16.5	15.3	14.3	13.2	12.2	11.1	10.0	9.6	9.3	8.9	8.5
-32.5°	15.4	14.4	13.4	12.4	11.4	10.3	9.7	9.4	9.0	8.6	8.3
-33.75°	14.5	13.5	12.5	11.5	10.5	9.8	9.5	9.1	8.8	8.4	8.0
-35°	13.5	12.6	11.6	10.6	9.9	9.5	9.2	8.9	8.5	8.2	8.0
-36.25°	12.5	11.6	10.7	9.9	9.6	9.3	8.9	8.6	8.3	8.0	8.0
-37.5°	11.5	10.6	9.9	9.6	9.3	9.0	8.6	8.3	8.0	8.0	8.0
-38.75°	10.5	9.9	9.6	9.3	9.0	8.7	8.4	8.0	8.0	8.0	8.0
-40°	9.8	9.5	9.3	9.0	8.7	8.4	8.1	8.0	8.0	8.0	7.8
-41.25°	9.5	9.2	8.9	8.6	8.4	8.1	8.0	8.0	8.0	8.0	7.8
-42.5°	9.1	8.9	8.6	8.3	8.0	8.0	8.0	8.0	8.0	7.9	7.6
-43.75°	8.8	8.5	8.3	8.0	8.0	8.0	8.0	8.0	7.9	7.6	7.3
-45°	8.4	8.2	8.0	8.0	8.0	8.0	7.8	7.6	7.3	7.0	7.0
-46.25°	8.0	8.0	8.0	8.0	8.0	7.8	7.5	7.3	7.0	7.0	7.0
-47.5°	8.0	8.0	8.0	8.0	7.7	7.5	7.2	7.0	7.0	7.0	7.0
-48.75°	8.0	8.0	7.8	7.6	7.4	7.1	7.0	7.0	7.0	7.0	7.0
-50°	7.9	7.7	7.5	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-51.25°	7.5	7.3	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-52.5°	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-53.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-55°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-56.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-57.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.7
-58.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.6	6.4
-60°	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.7	6.5	6.3	6.1
-61.25°	7.0	7.0	7.0	7.0	6.8	6.6	6.5	6.3	6.1	6.0	5.8
-62.5°	7.0	6.9	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4
-63.75°	6.6	6.5	6.4	6.2	6.1	5.9	5.8	5.6	5.5	5.3	5.1
-65°	6.2	6.1	6.0	5.8	5.7	5.6	5.4	5.3	5.1	5.0	5.0
-66.25°	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	5.0	5.0	5.0
-67.5°	5.4	5.3	5.2	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-68.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.8
-70°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.8	4.7	4.6	4.5
-71.25°	5.0	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1
-72.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.6
-73.75°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.5	3.3	3.1	2.9
-75°	3.9	3.8	3.6	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.2
-76.25°	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0	2.0	2.0
-77.5°	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8
-81.25°	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-82.5°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
-83.75°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
81.25°	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0
80°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
78.75°	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.2
77.5°	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.5
76.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7
75°	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
73.75°	2.7	2.5	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	3.4	3.1	2.9	2.7	2.4	2.2	2.0	2.0	2.0	2.0	2.0
71.25°	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.2	2.0	2.0	2.0
70°	4.3	4.2	4.1	3.9	3.6	3.3	3.1	2.8	2.5	2.2	2.0
68.75°	4.7	4.5	4.4	4.2	4.1	3.9	3.6	3.3	3.0	2.7	2.4
67.5°	5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.8	3.5	3.2	2.8
66.25°	5.0	5.0	5.0	4.8	4.7	4.5	4.3	4.2	4.0	3.6	3.3
65°	5.0	5.0	5.0	5.0	5.0	4.8	4.6	4.4	4.2	4.1	3.8
63.75°	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.7	4.5	4.3	4.1
62.5°	5.3	5.1	5.0	5.0	5.0	5.0	5.0	4.9	4.7	4.5	4.3
61.25°	5.6	5.4	5.2	5.0	5.0	5.0	5.0	5.0	5.0	4.8	4.6
60°	5.9	5.7	5.5	5.3	5.1	5.0	5.0	5.0	5.0	5.0	4.8
58.75°	6.2	6.0	5.8	5.6	5.4	5.1	5.0	5.0	5.0	5.0	5.0
57.5°	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0	5.0	5.0	5.0
56.25°	6.8	6.6	6.4	6.1	5.9	5.7	5.4	5.2	5.0	5.0	5.0
55°	7.0	6.9	6.7	6.4	6.2	5.9	5.7	5.4	5.2	5.0	5.0
53.75°	7.0	7.0	6.9	6.7	6.4	6.2	5.9	5.7	5.4	5.1	5.0
52.5°	7.0	7.0	7.0	7.0	6.7	6.4	6.2	5.9	5.6	5.4	5.1
51.25°	7.0	7.0	7.0	7.0	7.0	6.7	6.4	6.1	5.9	5.6	5.3
50°	7.0	7.0	7.0	7.0	7.0	6.9	6.7	6.4	6.1	5.8	5.5
48.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.6	6.3	6.0	5.7
47.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.5	6.2	5.9
46.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7	6.4	6.1
45°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.6	6.3
43.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.5
42.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7
41.25°	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8
40°	7.5	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
38.75°	7.7	7.4	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
37.5°	8.0	7.6	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
36.25°	8.0	7.8	7.5	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0
35°	8.0	8.0	7.7	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	8.0	8.0	7.9	7.5	7.2	7.0	7.0	7.0	7.0	7.0	7.0
32.5°	8.0	8.0	8.0	7.7	7.4	7.0	7.0	7.0	7.0	7.0	7.0
31.25°	8.1	8.0	8.0	7.9	7.5	7.1	7.0	7.0	7.0	7.0	7.0
30°	8.3	8.0	8.0	8.0	7.7	7.3	7.0	7.0	7.0	7.0	7.0
28.75°	8.5	8.1	8.0	8.0	7.9	7.5	7.1	7.0	7.0	7.0	7.0
27.5°	8.7	8.3	8.0	8.0	8.0	7.7	7.2	7.0	7.0	7.0	7.0
26.25°	8.9	8.5	8.1	8.0	8.0	7.8	7.4	7.0	7.0	7.0	7.0
25°	9.1	8.7	8.3	8.0	8.0	8.0	7.5	7.1	7.0	7.0	7.0
23.75°	9.3	8.8	8.4	8.0	8.0	8.0	7.7	7.2	7.0	7.0	7.0
22.5°	9.4	9.0	8.6	8.1	8.0	8.0	7.8	7.4	7.0	7.0	7.0
21.25°	9.6	9.2	8.7	8.3	8.0	8.0	7.9	7.5	7.0	7.0	7.0
20°	9.8	9.3	8.9	8.4	8.0	8.0	8.0	7.6	7.1	7.0	7.0
18.75°	9.9	9.5	9.0	8.5	8.1	8.0	8.0	7.7	7.2	7.0	7.0
17.5°	10.1	9.6	9.1	8.7	8.2	8.0	8.0	7.8	7.3	7.0	7.0
16.25°	10.5	9.7	9.2	8.8	8.3	8.0	8.0	7.9	7.4	7.0	7.0
15°	10.9	9.8	9.4	8.9	8.4	8.0	8.0	8.0	7.5	7.0	7.0
13.75°	11.2	9.9	9.5	9.0	8.5	8.0	8.0	8.0	7.6	7.1	7.0
12.5°	11.5	10.1	9.5	9.1	8.6	8.1	8.0	8.0	7.7	7.2	7.0
11.25°	11.8	10.3	9.6	9.1	8.7	8.2	8.0	8.0	7.7	7.2	7.0
10°	12.0	10.6	9.7	9.2	8.7	8.2	8.0	8.0	7.8	7.3	7.0
8.75°	12.3	10.8	9.8	9.3	8.8	8.3	8.0	8.0	7.8	7.3	7.0
7.5°	12.5	11.0	9.8	9.3	8.8	8.4	8.0	8.0	7.9	7.4	7.0
6.25°	12.6	11.1	9.9	9.4	8.9	8.4	8.0	8.0	7.9	7.4	7.0
5°	12.8	11.3	9.9	9.4	8.9	8.4	8.0	8.0	7.9	7.4	7.0
3.75°	12.9	11.4	10.0	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0
2.5°	12.9	11.4	10.0	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0
1.25°	13.0	11.5	10.0	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0
0°	13.0	11.5	10.0	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0
-1.25°	13.0	11.5	10.0	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0
-2.5°	12.9	11.4	10.0	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0
-3.75°	12.9	11.4	10.0	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0
-5°	12.8	11.3	9.9	9.4	8.9	8.4	8.0	8.0	7.9	7.4	7.0
-6.25°	12.6	11.1	9.9	9.4	8.9	8.4	8.0	8.0	7.9	7.4	7.0
-7.5°	12.5	11.0	9.8	9.3	8.8	8.4	8.0	8.0	7.9	7.4	7.0
-8.75°	12.3	10.8	9.8	9.3	8.8	8.3	8.0	8.0	7.8	7.3	7.0
-10°	12.0	10.6	9.7	9.2	8.7	8.2	8.0	8.0	7.8	7.3	7.0
-11.25°	11.8	10.3	9.6	9.1	8.7	8.2	8.0	8.0	7.7	7.2	7.0
-12.5°	11.5	10.1	9.5	9.1	8.6	8.1	8.0	8.0	7.7	7.2	7.0
-13.75°	11.2	9.9	9.5	9.0	8.5	8.0	8.0	8.0	7.6	7.1	7.0
-15°	10.9	9.8	9.4	8.9	8.4	8.0	8.0	8.0	7.5	7.0	7.0
-16.25°	10.5	9.7	9.2	8.8	8.3	8.0	8.0	7.9	7.4	7.0	7.0
-17.5°	10.1	9.6	9.1	8.7	8.2	8.0	8.0	7.8	7.3	7.0	7.0
-18.75°	9.9	9.5	9.0	8.5	8.1	8.0	8.0	7.7	7.2	7.0	7.0
-20°	9.8	9.3	8.9	8.4	8.0	8.0	8.0	7.6	7.1	7.0	7.0
-21.25°	9.6	9.2	8.7	8.3	8.0	8.0	7.9	7.5	7.0	7.0	7.0





REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	9.4	9.0	8.6	8.1	8.0	8.0	7.8	7.4	7.0	7.0	7.0
-23.75°	9.3	8.8	8.4	8.0	8.0	8.0	7.7	7.2	7.0	7.0	7.0
-25°	9.1	8.7	8.3	8.0	8.0	8.0	7.5	7.1	7.0	7.0	7.0
-26.25°	8.9	8.5	8.1	8.0	8.0	7.8	7.4	7.0	7.0	7.0	7.0
-27.5°	8.7	8.3	8.0	8.0	8.0	7.7	7.2	7.0	7.0	7.0	7.0
-28.75°	8.5	8.1	8.0	8.0	7.9	7.5	7.1	7.0	7.0	7.0	7.0
-30°	8.3	8.0	8.0	8.0	7.7	7.3	7.0	7.0	7.0	7.0	7.0
-31.25°	8.1	8.0	8.0	7.9	7.5	7.1	7.0	7.0	7.0	7.0	7.0
-32.5°	8.0	8.0	8.0	7.7	7.4	7.0	7.0	7.0	7.0	7.0	7.0
-33.75°	8.0	8.0	7.9	7.5	7.2	7.0	7.0	7.0	7.0	7.0	7.0
-35°	8.0	8.0	7.7	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-36.25°	8.0	7.8	7.5	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-37.5°	8.0	7.6	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-38.75°	7.7	7.4	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-40°	7.5	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-41.25°	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8
-42.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7
-43.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.5
-45°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.6	6.3
-46.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7	6.4	6.1
-47.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.5	6.2	5.9
-48.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.6	6.3	6.0	5.7
-50°	7.0	7.0	7.0	7.0	7.0	6.9	6.7	6.4	6.1	5.8	5.5
-51.25°	7.0	7.0	7.0	7.0	7.0	6.7	6.4	6.1	5.9	5.6	5.3
-52.5°	7.0	7.0	7.0	7.0	6.7	6.4	6.2	5.9	5.6	5.4	5.1
-53.75°	7.0	7.0	6.9	6.7	6.4	6.2	5.9	5.7	5.4	5.1	5.0
-55°	7.0	6.9	6.7	6.4	6.2	5.9	5.7	5.4	5.2	5.0	5.0
-56.25°	6.8	6.6	6.4	6.1	5.9	5.7	5.4	5.2	5.0	5.0	5.0
-57.5°	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0	5.0	5.0	5.0
-58.75°	6.2	6.0	5.8	5.6	5.4	5.1	5.0	5.0	5.0	5.0	5.0
-60°	5.9	5.7	5.5	5.3	5.1	5.0	5.0	5.0	5.0	5.0	4.8
-61.25°	5.6	5.4	5.2	5.0	5.0	5.0	5.0	5.0	5.0	4.8	4.6
-62.5°	5.3	5.1	5.0	5.0	5.0	5.0	5.0	4.9	4.7	4.5	4.3
-63.75°	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.7	4.5	4.3	4.1
-65°	5.0	5.0	5.0	5.0	5.0	4.8	4.6	4.4	4.2	4.1	3.8
-66.25°	5.0	5.0	5.0	4.8	4.7	4.5	4.3	4.2	4.0	3.6	3.3
-67.5°	5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.8	3.5	3.2	2.8
-68.75°	4.7	4.5	4.4	4.2	4.1	3.9	3.6	3.3	3.0	2.7	2.4
-70°	4.3	4.2	4.1	3.9	3.6	3.3	3.1	2.8	2.5	2.2	2.0
-71.25°	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.2	2.0	2.0	2.0
-72.5°	3.4	3.1	2.9	2.7	2.4	2.2	2.0	2.0	2.0	2.0	2.0
-73.75°	2.7	2.5	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-75°	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-76.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7
-77.5°	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.5



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.2
-80°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
-81.25°	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
83.75°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8
81.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
78.75°	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
76.25°	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0
75°	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.0	1.0	1.0	1.0
73.75°	2.0	2.0	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	1.0
72.5°	2.0	2.0	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0
71.25°	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.4	1.2	1.1
70°	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.4	1.2
68.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.3
67.5°	2.5	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.5
66.25°	2.9	2.6	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6
65°	3.4	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	1.9	1.7
63.75°	3.8	3.4	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	1.8
62.5°	4.1	3.8	3.4	3.0	2.6	2.1	2.0	2.0	2.0	2.0	2.0
61.25°	4.4	4.1	3.8	3.4	2.9	2.5	2.0	2.0	2.0	2.0	2.0
60°	4.6	4.3	4.1	3.8	3.3	2.8	2.4	2.0	2.0	2.0	2.0
58.75°	4.8	4.5	4.3	4.1	3.6	3.2	2.7	2.2	2.0	2.0	2.0
57.5°	5.0	4.7	4.5	4.2	4.0	3.5	3.0	2.5	2.0	2.0	2.0
56.25°	5.0	4.9	4.7	4.4	4.2	3.8	3.3	2.8	2.2	2.0	2.0
55°	5.0	5.0	4.9	4.6	4.3	4.1	3.6	3.1	2.5	2.0	2.0
53.75°	5.0	5.0	5.0	4.8	4.5	4.2	3.9	3.3	2.8	2.2	2.0
52.5°	5.0	5.0	5.0	5.0	4.7	4.4	4.1	3.6	3.0	2.4	2.0
51.25°	5.0	5.0	5.0	5.0	4.8	4.5	4.2	3.9	3.3	2.7	2.1
50°	5.2	5.0	5.0	5.0	5.0	4.7	4.4	4.1	3.5	2.9	2.3
48.75°	5.4	5.1	5.0	5.0	5.0	4.8	4.5	4.2	3.8	3.1	2.5
47.5°	5.6	5.3	5.0	5.0	5.0	5.0	4.7	4.3	4.0	3.4	2.7
46.25°	5.8	5.4	5.1	5.0	5.0	5.0	4.8	4.5	4.1	3.6	2.9
45°	6.0	5.6	5.3	5.0	5.0	5.0	4.9	4.6	4.3	3.8	3.1
43.75°	6.1	5.8	5.5	5.1	5.0	5.0	5.0	4.7	4.4	4.0	3.3
42.5°	6.3	6.0	5.6	5.3	5.0	5.0	5.0	4.8	4.5	4.1	3.5
41.25°	6.5	6.1	5.8	5.4	5.1	5.0	5.0	5.0	4.6	4.2	3.7
40°	6.6	6.3	5.9	5.6	5.2	5.0	5.0	5.0	4.7	4.3	3.9
38.75°	6.8	6.4	6.1	5.7	5.3	5.0	5.0	5.0	4.8	4.4	4.0
37.5°	7.0	6.6	6.2	5.8	5.5	5.1	5.0	5.0	4.9	4.5	4.1
36.25°	7.0	6.7	6.4	6.0	5.6	5.2	5.0	5.0	5.0	4.6	4.2
35°	7.0	6.9	6.5	6.1	5.7	5.3	5.0	5.0	5.0	4.7	4.3



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	7.0	7.0	6.6	6.2	5.8	5.4	5.0	5.0	5.0	4.8	4.4
32.5°	7.0	7.0	6.8	6.4	5.9	5.5	5.1	5.0	5.0	4.9	4.5
31.25°	7.0	7.0	6.9	6.5	6.1	5.6	5.2	5.0	5.0	5.0	4.5
30°	7.0	7.0	7.0	6.6	6.2	5.7	5.3	5.0	5.0	5.0	4.6
28.75°	7.0	7.0	7.0	6.7	6.3	5.8	5.4	5.0	5.0	5.0	4.7
27.5°	7.0	7.0	7.0	6.8	6.4	5.9	5.5	5.1	5.0	5.0	4.7
26.25°	7.0	7.0	7.0	6.9	6.5	6.0	5.6	5.1	5.0	5.0	4.8
25°	7.0	7.0	7.0	7.0	6.6	6.1	5.7	5.2	5.0	5.0	4.9
23.75°	7.0	7.0	7.0	7.0	6.7	6.2	5.7	5.3	5.0	5.0	4.9
22.5°	7.0	7.0	7.0	7.0	6.7	6.3	5.8	5.4	5.0	5.0	5.0
21.25°	7.0	7.0	7.0	7.0	6.8	6.4	5.9	5.4	5.0	5.0	5.0
20°	7.0	7.0	7.0	7.0	6.9	6.4	6.0	5.5	5.0	5.0	5.0
18.75°	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.6	5.1	5.0	5.0
17.5°	7.0	7.0	7.0	7.0	7.0	6.6	6.1	5.6	5.1	5.0	5.0
16.25°	7.0	7.0	7.0	7.0	7.0	6.6	6.1	5.7	5.2	5.0	5.0
15°	7.0	7.0	7.0	7.0	7.0	6.7	6.2	5.7	5.2	5.0	5.0
13.75°	7.0	7.0	7.0	7.0	7.0	6.7	6.2	5.8	5.3	5.0	5.0
12.5°	7.0	7.0	7.0	7.0	7.0	6.8	6.3	5.8	5.3	5.0	5.0
11.25°	7.0	7.0	7.0	7.0	7.0	6.8	6.3	5.8	5.4	5.0	5.0
10°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	5.9	5.4	5.0	5.0
8.75°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	5.9	5.4	5.0	5.0
7.5°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	5.9	5.4	5.0	5.0
6.25°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	6.0	5.5	5.0	5.0
5°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
3.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
2.5°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
1.25°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
0°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
-1.25°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
-2.5°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
-3.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
-5°	7.0	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0	5.0
-6.25°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	6.0	5.5	5.0	5.0
-7.5°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	5.9	5.4	5.0	5.0
-8.75°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	5.9	5.4	5.0	5.0
-10°	7.0	7.0	7.0	7.0	7.0	6.9	6.4	5.9	5.4	5.0	5.0
-11.25°	7.0	7.0	7.0	7.0	7.0	6.8	6.3	5.8	5.4	5.0	5.0
-12.5°	7.0	7.0	7.0	7.0	7.0	6.8	6.3	5.8	5.3	5.0	5.0
-13.75°	7.0	7.0	7.0	7.0	7.0	6.7	6.2	5.8	5.3	5.0	5.0
-15°	7.0	7.0	7.0	7.0	7.0	6.7	6.2	5.7	5.2	5.0	5.0
-16.25°	7.0	7.0	7.0	7.0	7.0	6.6	6.1	5.7	5.2	5.0	5.0
-17.5°	7.0	7.0	7.0	7.0	7.0	6.6	6.1	5.6	5.1	5.0	5.0
-18.75°	7.0	7.0	7.0	7.0	7.0	6.5	6.0	5.6	5.1	5.0	5.0
-20°	7.0	7.0	7.0	7.0	6.9	6.4	6.0	5.5	5.0	5.0	5.0
-21.25°	7.0	7.0	7.0	7.0	6.8	6.4	5.9	5.4	5.0	5.0	5.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	7.0	7.0	7.0	7.0	6.7	6.3	5.8	5.4	5.0	5.0	5.0
-23.75°	7.0	7.0	7.0	7.0	6.7	6.2	5.7	5.3	5.0	5.0	4.9
-25°	7.0	7.0	7.0	7.0	6.6	6.1	5.7	5.2	5.0	5.0	4.9
-26.25°	7.0	7.0	7.0	6.9	6.5	6.0	5.6	5.1	5.0	5.0	4.8
-27.5°	7.0	7.0	7.0	6.8	6.4	5.9	5.5	5.1	5.0	5.0	4.7
-28.75°	7.0	7.0	7.0	6.7	6.3	5.8	5.4	5.0	5.0	5.0	4.7
-30°	7.0	7.0	7.0	6.6	6.2	5.7	5.3	5.0	5.0	5.0	4.6
-31.25°	7.0	7.0	6.9	6.5	6.1	5.6	5.2	5.0	5.0	5.0	4.5
-32.5°	7.0	7.0	6.8	6.4	5.9	5.5	5.1	5.0	5.0	4.9	4.5
-33.75°	7.0	7.0	6.6	6.2	5.8	5.4	5.0	5.0	5.0	4.8	4.4
-35°	7.0	6.9	6.5	6.1	5.7	5.3	5.0	5.0	5.0	4.7	4.3
-36.25°	7.0	6.7	6.4	6.0	5.6	5.2	5.0	5.0	5.0	4.6	4.2
-37.5°	7.0	6.6	6.2	5.8	5.5	5.1	5.0	5.0	4.9	4.5	4.1
-38.75°	6.8	6.4	6.1	5.7	5.3	5.0	5.0	5.0	4.8	4.4	4.0
-40°	6.6	6.3	5.9	5.6	5.2	5.0	5.0	5.0	4.7	4.3	3.9
-41.25°	6.5	6.1	5.8	5.4	5.1	5.0	5.0	5.0	4.6	4.2	3.7
-42.5°	6.3	6.0	5.6	5.3	5.0	5.0	5.0	4.8	4.5	4.1	3.5
-43.75°	6.1	5.8	5.5	5.1	5.0	5.0	5.0	4.7	4.4	4.0	3.3
-45°	6.0	5.6	5.3	5.0	5.0	5.0	4.9	4.6	4.3	3.8	3.1
-46.25°	5.8	5.4	5.1	5.0	5.0	5.0	4.8	4.5	4.1	3.6	2.9
-47.5°	5.6	5.3	5.0	5.0	5.0	5.0	4.7	4.3	4.0	3.4	2.7
-48.75°	5.4	5.1	5.0	5.0	5.0	4.8	4.5	4.2	3.8	3.1	2.5
-50°	5.2	5.0	5.0	5.0	5.0	4.7	4.4	4.1	3.5	2.9	2.3
-51.25°	5.0	5.0	5.0	5.0	4.8	4.5	4.2	3.9	3.3	2.7	2.1
-52.5°	5.0	5.0	5.0	5.0	4.7	4.4	4.1	3.6	3.0	2.4	2.0
-53.75°	5.0	5.0	5.0	4.8	4.5	4.2	3.9	3.3	2.8	2.2	2.0
-55°	5.0	5.0	4.9	4.6	4.3	4.1	3.6	3.1	2.5	2.0	2.0
-56.25°	5.0	4.9	4.7	4.4	4.2	3.8	3.3	2.8	2.2	2.0	2.0
-57.5°	5.0	4.7	4.5	4.2	4.0	3.5	3.0	2.5	2.0	2.0	2.0
-58.75°	4.8	4.5	4.3	4.1	3.6	3.2	2.7	2.2	2.0	2.0	2.0
-60°	4.6	4.3	4.1	3.8	3.3	2.8	2.4	2.0	2.0	2.0	2.0
-61.25°	4.4	4.1	3.8	3.4	2.9	2.5	2.0	2.0	2.0	2.0	2.0
-62.5°	4.1	3.8	3.4	3.0	2.6	2.1	2.0	2.0	2.0	2.0	2.0
-63.75°	3.8	3.4	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	1.8
-65°	3.4	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	1.9	1.7
-66.25°	2.9	2.6	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6
-67.5°	2.5	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.5
-68.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.3
-70°	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.4	1.2
-71.25°	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.4	1.2	1.1
-72.5°	2.0	2.0	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0
-73.75°	2.0	2.0	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	1.0
-75°	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.0	1.0	1.0	1.0
-76.25°	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0
-77.5°	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-81.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8
-83.75°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
87.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
86.25°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
85°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
83.75°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
82.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
81.25°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
80°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
78.75°	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
77.5°	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2
76.25°	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
75°	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.4	0.3
73.75°	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.6	0.4	0.3
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.3
71.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.5	0.3
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.3
68.75°	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.4
67.5°	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4
66.25°	1.4	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4
65°	1.5	1.3	1.1	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4
63.75°	1.6	1.4	1.2	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.4
62.5°	1.7	1.5	1.3	1.1	1.0	1.0	1.0	1.0	0.9	0.7	0.5
61.25°	1.9	1.6	1.4	1.2	1.0	1.0	1.0	1.0	1.0	0.7	0.5
60°	2.0	1.7	1.5	1.2	1.0	1.0	1.0	1.0	1.0	0.7	0.5
58.75°	2.0	1.8	1.6	1.3	1.1	1.0	1.0	1.0	1.0	0.8	0.5
57.5°	2.0	1.9	1.7	1.4	1.1	1.0	1.0	1.0	1.0	0.8	0.5
56.25°	2.0	2.0	1.8	1.5	1.2	1.0	1.0	1.0	1.0	0.8	0.6
55°	2.0	2.0	1.9	1.6	1.3	1.0	1.0	1.0	1.0	0.9	0.6
53.75°	2.0	2.0	1.9	1.6	1.4	1.1	1.0	1.0	1.0	0.9	0.6
52.5°	2.0	2.0	2.0	1.7	1.4	1.1	1.0	1.0	1.0	0.9	0.6
51.25°	2.0	2.0	2.0	1.8	1.5	1.2	1.0	1.0	1.0	0.9	0.6
50°	2.0	2.0	2.0	1.9	1.6	1.2	1.0	1.0	1.0	1.0	0.6
48.75°	2.0	2.0	2.0	2.0	1.6	1.3	1.0	1.0	1.0	1.0	0.7
47.5°	2.1	2.0	2.0	2.0	1.7	1.4	1.0	1.0	1.0	1.0	0.7
46.25°	2.2	2.0	2.0	2.0	1.8	1.4	1.1	1.0	1.0	1.0	0.7
45°	2.4	2.0	2.0	2.0	1.8	1.5	1.1	1.0	1.0	1.0	0.7
43.75°	2.6	2.0	2.0	2.0	1.9	1.5	1.2	1.0	1.0	1.0	0.7
42.5°	2.8	2.1	2.0	2.0	1.9	1.6	1.2	1.0	1.0	1.0	0.7
41.25°	3.0	2.2	2.0	2.0	2.0	1.6	1.3	1.0	1.0	1.0	0.8
40°	3.1	2.4	2.0	2.0	2.0	1.7	1.3	1.0	1.0	1.0	0.8
38.75°	3.3	2.5	2.0	2.0	2.0	1.7	1.3	1.0	1.0	1.0	0.8
37.5°	3.5	2.7	2.0	2.0	2.0	1.8	1.4	1.0	1.0	1.0	0.8
36.25°	3.6	2.8	2.0	2.0	2.0	1.8	1.4	1.0	1.0	1.0	0.8
35°	3.8	3.0	2.2	2.0	2.0	1.9	1.5	1.0	1.0	1.0	0.8



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	3.9	3.1	2.3	2.0	2.0	1.9	1.5	1.1	1.0	1.0	0.8
32.5°	4.0	3.3	2.4	2.0	2.0	1.9	1.5	1.1	1.0	1.0	0.8
31.25°	4.1	3.4	2.5	2.0	2.0	2.0	1.6	1.1	1.0	1.0	0.9
30°	4.2	3.5	2.6	2.0	2.0	2.0	1.6	1.2	1.0	1.0	0.9
28.75°	4.2	3.6	2.8	2.0	2.0	2.0	1.6	1.2	1.0	1.0	0.9
27.5°	4.3	3.7	2.9	2.0	2.0	2.0	1.7	1.2	1.0	1.0	0.9
26.25°	4.4	3.8	3.0	2.1	2.0	2.0	1.7	1.2	1.0	1.0	0.9
25°	4.4	4.0	3.1	2.1	2.0	2.0	1.7	1.3	1.0	1.0	0.9
23.75°	4.5	4.0	3.1	2.2	2.0	2.0	1.7	1.3	1.0	1.0	0.9
22.5°	4.5	4.1	3.2	2.3	2.0	2.0	1.8	1.3	1.0	1.0	0.9
21.25°	4.6	4.1	3.3	2.4	2.0	2.0	1.8	1.3	1.0	1.0	0.9
20°	4.6	4.2	3.4	2.5	2.0	2.0	1.8	1.3	1.0	1.0	0.9
18.75°	4.7	4.2	3.5	2.5	2.0	2.0	1.8	1.4	1.0	1.0	0.9
17.5°	4.7	4.2	3.5	2.6	2.0	2.0	1.9	1.4	1.0	1.0	1.0
16.25°	4.8	4.3	3.6	2.6	2.0	2.0	1.9	1.4	1.0	1.0	1.0
15°	4.8	4.3	3.7	2.7	2.0	2.0	1.9	1.4	1.0	1.0	1.0
13.75°	4.8	4.3	3.7	2.7	2.0	2.0	1.9	1.4	1.0	1.0	1.0
12.5°	4.9	4.4	3.8	2.8	2.0	2.0	1.9	1.4	1.0	1.0	1.0
11.25°	4.9	4.4	3.8	2.8	2.0	2.0	1.9	1.5	1.0	1.0	1.0
10°	4.9	4.4	3.8	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
8.75°	4.9	4.4	3.9	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
7.5°	4.9	4.5	3.9	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
6.25°	5.0	4.5	3.9	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
5°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
3.75°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
2.5°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
1.25°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
0°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-1.25°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-2.5°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-3.75°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-5°	5.0	4.5	4.0	3.0	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-6.25°	5.0	4.5	3.9	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-7.5°	4.9	4.5	3.9	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-8.75°	4.9	4.4	3.9	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-10°	4.9	4.4	3.8	2.9	2.0	2.0	2.0	1.5	1.0	1.0	1.0
-11.25°	4.9	4.4	3.8	2.8	2.0	2.0	1.9	1.5	1.0	1.0	1.0
-12.5°	4.9	4.4	3.8	2.8	2.0	2.0	1.9	1.4	1.0	1.0	1.0
-13.75°	4.8	4.3	3.7	2.7	2.0	2.0	1.9	1.4	1.0	1.0	1.0
-15°	4.8	4.3	3.7	2.7	2.0	2.0	1.9	1.4	1.0	1.0	1.0
-16.25°	4.8	4.3	3.6	2.6	2.0	2.0	1.9	1.4	1.0	1.0	1.0
-17.5°	4.7	4.2	3.5	2.6	2.0	2.0	1.9	1.4	1.0	1.0	1.0
-18.75°	4.7	4.2	3.5	2.5	2.0	2.0	1.8	1.4	1.0	1.0	0.9
-20°	4.6	4.2	3.4	2.5	2.0	2.0	1.8	1.3	1.0	1.0	0.9
-21.25°	4.6	4.1	3.3	2.4	2.0	2.0	1.8	1.3	1.0	1.0	0.9





REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	4.5	4.1	3.2	2.3	2.0	2.0	1.8	1.3	1.0	1.0	0.9
-23.75°	4.5	4.0	3.1	2.2	2.0	2.0	1.7	1.3	1.0	1.0	0.9
-25°	4.4	4.0	3.1	2.1	2.0	2.0	1.7	1.3	1.0	1.0	0.9
-26.25°	4.4	3.8	3.0	2.1	2.0	2.0	1.7	1.2	1.0	1.0	0.9
-27.5°	4.3	3.7	2.9	2.0	2.0	2.0	1.7	1.2	1.0	1.0	0.9
-28.75°	4.2	3.6	2.8	2.0	2.0	2.0	1.6	1.2	1.0	1.0	0.9
-30°	4.2	3.5	2.6	2.0	2.0	2.0	1.6	1.2	1.0	1.0	0.9
-31.25°	4.1	3.4	2.5	2.0	2.0	2.0	1.6	1.1	1.0	1.0	0.9
-32.5°	4.0	3.3	2.4	2.0	2.0	1.9	1.5	1.1	1.0	1.0	0.8
-33.75°	3.9	3.1	2.3	2.0	2.0	1.9	1.5	1.1	1.0	1.0	0.8
-35°	3.8	3.0	2.2	2.0	2.0	1.9	1.5	1.0	1.0	1.0	0.8
-36.25°	3.6	2.8	2.0	2.0	2.0	1.8	1.4	1.0	1.0	1.0	0.8
-37.5°	3.5	2.7	2.0	2.0	2.0	1.8	1.4	1.0	1.0	1.0	0.8
-38.75°	3.3	2.5	2.0	2.0	2.0	1.7	1.3	1.0	1.0	1.0	0.8
-40°	3.1	2.4	2.0	2.0	2.0	1.7	1.3	1.0	1.0	1.0	0.8
-41.25°	3.0	2.2	2.0	2.0	2.0	1.6	1.3	1.0	1.0	1.0	0.8
-42.5°	2.8	2.1	2.0	2.0	1.9	1.6	1.2	1.0	1.0	1.0	0.7
-43.75°	2.6	2.0	2.0	2.0	1.9	1.5	1.2	1.0	1.0	1.0	0.7
-45°	2.4	2.0	2.0	2.0	1.8	1.5	1.1	1.0	1.0	1.0	0.7
-46.25°	2.2	2.0	2.0	2.0	1.8	1.4	1.1	1.0	1.0	1.0	0.7
-47.5°	2.1	2.0	2.0	2.0	1.7	1.4	1.0	1.0	1.0	1.0	0.7
-48.75°	2.0	2.0	2.0	2.0	1.6	1.3	1.0	1.0	1.0	1.0	0.7
-50°	2.0	2.0	2.0	1.9	1.6	1.2	1.0	1.0	1.0	1.0	0.6
-51.25°	2.0	2.0	2.0	1.8	1.5	1.2	1.0	1.0	1.0	0.9	0.6
-52.5°	2.0	2.0	2.0	1.7	1.4	1.1	1.0	1.0	1.0	0.9	0.6
-53.75°	2.0	2.0	1.9	1.6	1.4	1.1	1.0	1.0	1.0	0.9	0.6
-55°	2.0	2.0	1.9	1.6	1.3	1.0	1.0	1.0	1.0	0.9	0.6
-56.25°	2.0	2.0	1.8	1.5	1.2	1.0	1.0	1.0	1.0	0.8	0.6
-57.5°	2.0	1.9	1.7	1.4	1.1	1.0	1.0	1.0	1.0	0.8	0.5
-58.75°	2.0	1.8	1.6	1.3	1.1	1.0	1.0	1.0	1.0	0.8	0.5
-60°	2.0	1.7	1.5	1.2	1.0	1.0	1.0	1.0	1.0	0.7	0.5
-61.25°	1.9	1.6	1.4	1.2	1.0	1.0	1.0	1.0	1.0	0.7	0.5
-62.5°	1.7	1.5	1.3	1.1	1.0	1.0	1.0	1.0	0.9	0.7	0.5
-63.75°	1.6	1.4	1.2	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.4
-65°	1.5	1.3	1.1	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4
-66.25°	1.4	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4
-67.5°	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4
-68.75°	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.4
-70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.3
-71.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.5	0.3
-72.5°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.3
-73.75°	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.6	0.4	0.3
-75°	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-76.25°	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
-77.5°	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-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°	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-81.25°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-82.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-83.75°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-85°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-87.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.0	0.0
85°	0.0	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.1	0.0
80°	0.1	0.0
78.75°	0.1	0.0
77.5°	0.1	0.0
76.25°	0.1	0.0
75°	0.1	0.0
73.75°	0.1	0.0
72.5°	0.2	0.0
71.25°	0.2	0.0
70°	0.2	0.0
68.75°	0.2	0.0
67.5°	0.2	0.0
66.25°	0.2	0.0
65°	0.2	0.0
63.75°	0.2	0.0
62.5°	0.2	0.0
61.25°	0.2	0.0
60°	0.2	0.0
58.75°	0.3	0.0
57.5°	0.3	0.0
56.25°	0.3	0.0
55°	0.3	0.0
53.75°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.3	0.0
48.75°	0.3	0.0
47.5°	0.3	0.0
46.25°	0.3	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.4	0.0
40°	0.4	0.0
38.75°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.4	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0.4	0.0
32.5°	0.4	0.0
31.25°	0.4	0.0
30°	0.4	0.0
28.75°	0.4	0.0
27.5°	0.4	0.0
26.25°	0.4	0.0
25°	0.5	0.0
23.75°	0.5	0.0
22.5°	0.5	0.0
21.25°	0.5	0.0
20°	0.5	0.0
18.75°	0.5	0.0
17.5°	0.5	0.0
16.25°	0.5	0.0
15°	0.5	0.0
13.75°	0.5	0.0
12.5°	0.5	0.0
11.25°	0.5	0.0
10°	0.5	0.0
8.75°	0.5	0.0
7.5°	0.5	0.0
6.25°	0.5	0.0
5°	0.5	0.0
3.75°	0.5	0.0
2.5°	0.5	0.0
1.25°	0.5	0.0
0°	0.5	0.0
-1.25°	0.5	0.0
-2.5°	0.5	0.0
-3.75°	0.5	0.0
-5°	0.5	0.0
-6.25°	0.5	0.0
-7.5°	0.5	0.0
-8.75°	0.5	0.0
-10°	0.5	0.0
-11.25°	0.5	0.0
-12.5°	0.5	0.0
-13.75°	0.5	0.0
-15°	0.5	0.0
-16.25°	0.5	0.0
-17.5°	0.5	0.0
-18.75°	0.5	0.0
-20°	0.5	0.0
-21.25°	0.5	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0.5	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.4	0.0
-27.5°	0.4	0.0
-28.75°	0.4	0.0
-30°	0.4	0.0
-31.25°	0.4	0.0
-32.5°	0.4	0.0
-33.75°	0.4	0.0
-35°	0.4	0.0
-36.25°	0.4	0.0
-37.5°	0.4	0.0
-38.75°	0.4	0.0
-40°	0.4	0.0
-41.25°	0.4	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.3	0.0
-47.5°	0.3	0.0
-48.75°	0.3	0.0
-50°	0.3	0.0
-51.25°	0.3	0.0
-52.5°	0.3	0.0
-53.75°	0.3	0.0
-55°	0.3	0.0
-56.25°	0.3	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.2	0.0
-61.25°	0.2	0.0
-62.5°	0.2	0.0
-63.75°	0.2	0.0
-65°	0.2	0.0
-66.25°	0.2	0.0
-67.5°	0.2	0.0
-68.75°	0.2	0.0
-70°	0.2	0.0
-71.25°	0.2	0.0
-72.5°	0.2	0.0
-73.75°	0.1	0.0
-75°	0.1	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



REPORT NUMBER: P29418 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0.1	0.0
-80°	0.1	0.0
-81.25°	0.1	0.0
-82.5°	0.1	0.0
-83.75°	0.1	0.0
-85°	0.0	0.0
-86.25°	0.0	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)