

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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

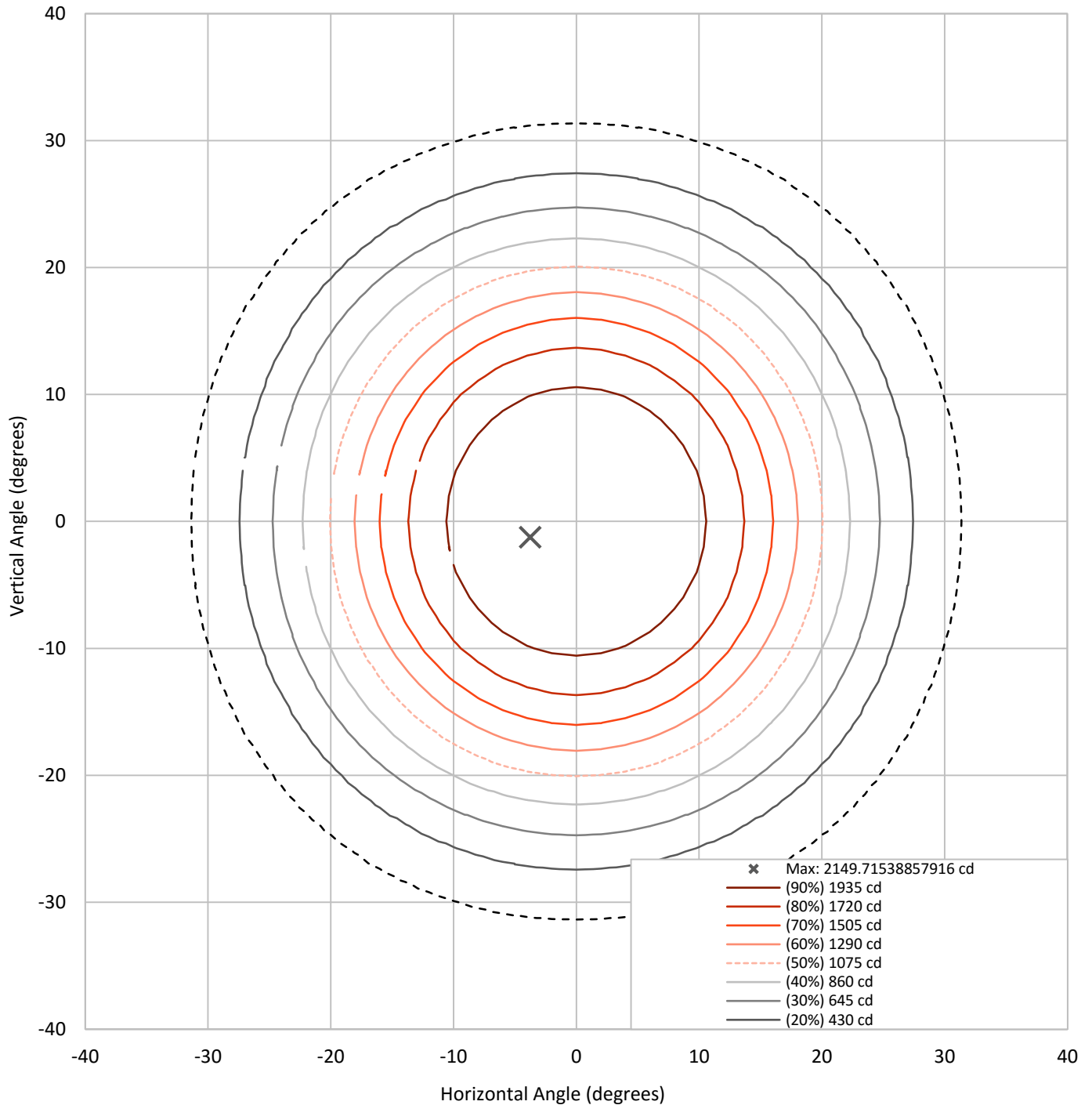
Test Method: LM-79-08  
Report Number: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS, FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 4000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1039.8 lumens	Max Intensity:	2149.7 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	104.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.1°H x 39.5°V	Field Angle (10%):	62.7°H x 62.3°V
Beam Lumens:	633.6 lumens	Field Lumens:	932.7 lumens
Beam Efficiency:	60.9%	Field Efficiency:	89.7%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-WT-L1-UNV

### Iso-Candela Plot





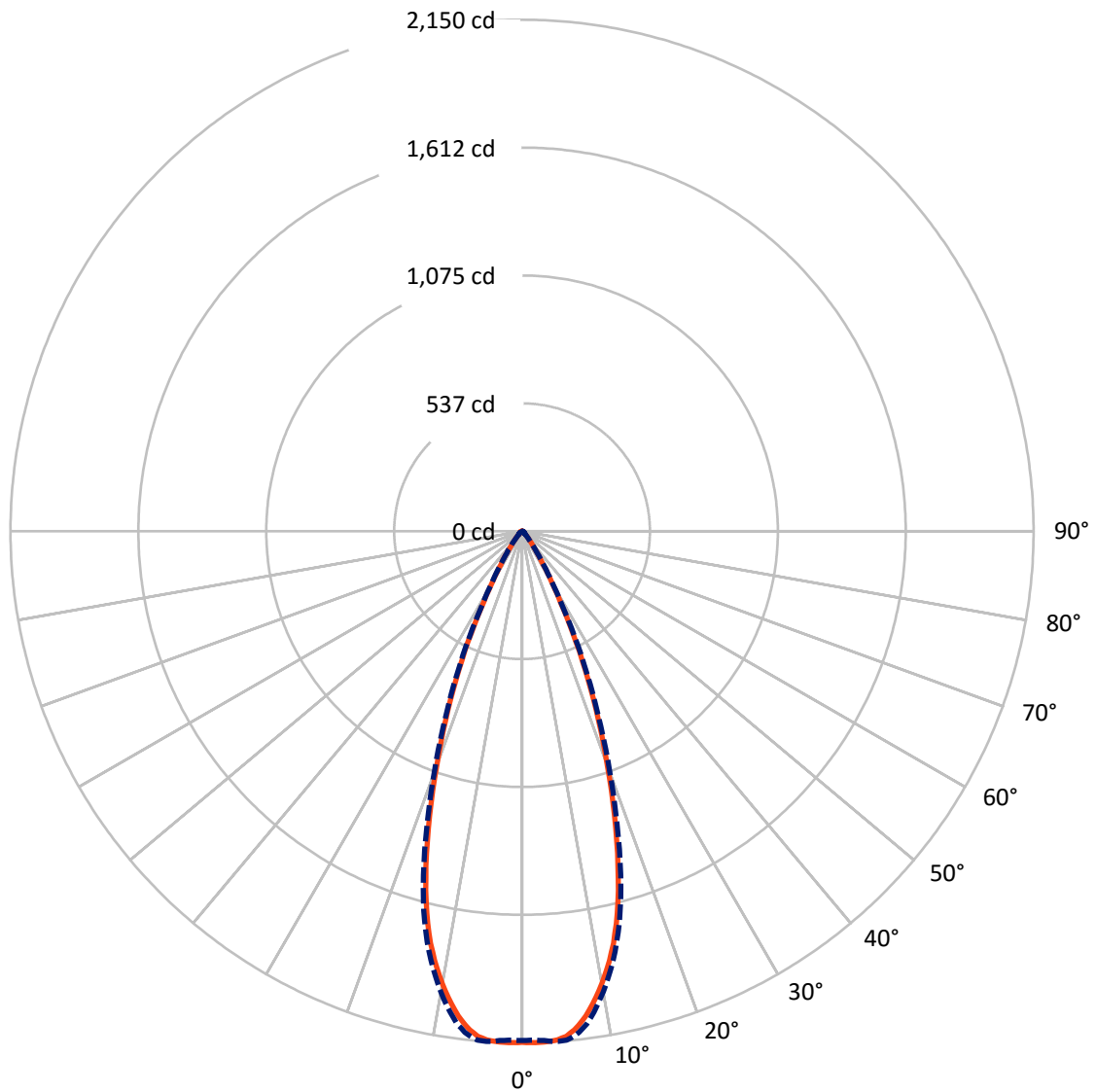
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### Lumen Table

90	0.0	0.1	0.3	0.4	0.5	0.4	0.3	0.1	0.0										
80	0.0	0.1	0.3	0.4	0.5	0.4	0.3	0.1	0.0										
70	0.1	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	0.1			
60		0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1				
50	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1			
40		0.1	0.2	0.3	0.5	1.1	2.3	3.6	3.6	2.3	1.1	0.5	0.3	0.2	0.1				
30	0.1	0.1	0.2	0.3	1.0	3.6	10.4	17.8	17.8	10.4	3.6	1.0	0.3	0.2	0.1	0.1			
20		0.1	0.2	0.4	2.0	9.9	28.6	44.9	44.9	28.6	9.9	2.0	0.4	0.2	0.1				
10	0.1	0.1	0.2	0.5	3.0	16.3	43.6	62.0	62.0	43.6	16.3	3.0	0.5	0.2	0.1	0.1			
0		0.1	0.2	0.5	3.0	16.3	43.6	62.0	62.0	43.6	16.3	3.0	0.5	0.2	0.1				
-10	0.1	0.1	0.2	0.4	2.0	9.9	28.6	44.9	44.9	28.6	9.9	2.0	0.4	0.2	0.1	0.1			
-20		0.1	0.2	0.3	1.0	3.6	10.4	17.8	17.8	10.4	3.6	1.0	0.3	0.2	0.1				
-30	0.1	0.1	0.2	0.3	0.5	1.1	2.3	3.6	3.6	2.3	1.1	0.5	0.3	0.2	0.1	0.1			
-40		0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.8	0.6	0.4	0.3	0.2	0.1	0.1				
-50	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1			
-60		0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1				
-70	0.0	0.1	0.3	0.4	0.5	0.4	0.3	0.1	0.0							0.0			
-80		0.1	0.3	0.4	0.5	0.4	0.3	0.1	0.0										
-90	0.0	0.1	0.3	0.4	0.5	0.4	0.3	0.1	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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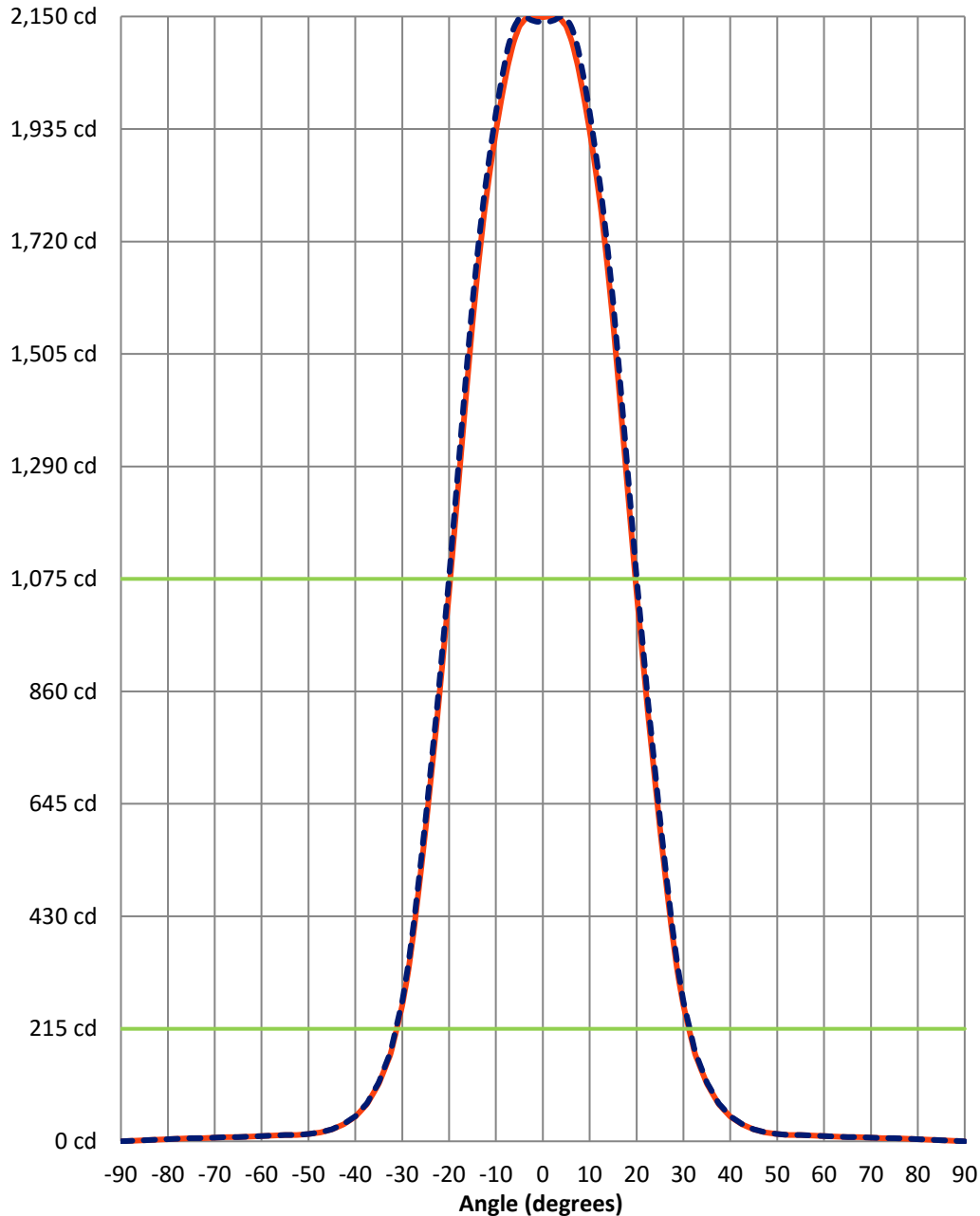
### Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg    - - - Horizontal Distribution Through -1.25-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 40.1°  
 V Angle: 39.5°  
 Lumens: 633.6  
 Efficiency: 60.9%

**Field:**  
 H Angle: 62.7°  
 V Angle: 62.3°  
 Lumens: 932.7  
 Efficiency: 89.7%

**Spill:**  
 Lumens: 107.1  
 Efficiency: 10.3%

— Vertical Distribution through -3.75-Deg  
 - - Horizontal Distribution through -1.25-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	1.1
76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.2
75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.3	1.4
72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.5
71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
65°	0.0	0.2	0.4	0.6	0.8	1.1	1.3	1.5	1.7	1.9	2.1
63.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
62.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
61.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4
60°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.5
58.75°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
57.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.7
56.25°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.5	2.8
55°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.6	2.9
53.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.6	2.9
52.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
51.25°	0.0	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1
50°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.2
48.75°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.3
47.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.0	3.4
46.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
45°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
43.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
42.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.7
41.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
40°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.4	3.8
38.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
37.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
36.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
35°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	2.9	3.3	3.7	4.1



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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	1.2	1.7	2.1	2.5	2.9	3.3	3.7	4.1
32.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2
31.25°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8	4.3
30°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.5	3.9	4.3
28.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.4
27.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.5	4.0	4.4
26.25°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0	4.5
25°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
23.75°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.6
22.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.8	3.2	3.7	4.2	4.6
21.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.7	4.2	4.7
20°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.8	4.2	4.7
18.75°	0.0	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.7
17.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	4.8
16.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8
15°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.9	4.3	4.8
13.75°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.9	4.4	4.9
12.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.4	4.9
11.25°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.9
10°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.4	3.9	4.4	4.9
8.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
7.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
6.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
3.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
2.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
1.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-1.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-2.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-3.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-6.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-7.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-8.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
-10°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.4	3.9	4.4	4.9
-11.25°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.9
-12.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.4	4.9
-13.75°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.9	4.4	4.9
-15°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.9	4.3	4.8
-16.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8
-17.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	4.8
-18.75°	0.0	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.7
-20°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.8	4.2	4.7
-21.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.7	4.2	4.7





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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	1.4	1.8	2.3	2.8	3.2	3.7	4.2	4.6
-23.75°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.6
-25°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
-26.25°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0	4.5
-27.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.5	4.0	4.4
-28.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.4
-30°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.5	3.9	4.3
-31.25°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8	4.3
-32.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2
-33.75°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-35°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	2.9	3.3	3.7	4.1
-36.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-37.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-38.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
-40°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.4	3.8
-41.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
-42.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.7
-43.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
-45°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-46.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
-47.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.0	3.4
-48.75°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.3
-50°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.2
-51.25°	0.0	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-52.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-53.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.6	2.9
-55°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.6	2.9
-56.25°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.5	2.8
-57.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.7
-58.75°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
-60°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.5
-61.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4
-62.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-63.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
-65°	0.0	0.2	0.4	0.6	0.8	1.1	1.3	1.5	1.7	1.9	2.1
-66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
-72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.5
-73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.3	1.4
-75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
-76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.2
-77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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	0.3	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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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	1.1	1.1
82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
81.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5
80°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
78.75°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
77.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
76.25°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4
75°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
73.75°	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7	2.8
72.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.1
71.25°	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3
70°	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.2	3.3	3.5
68.75°	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.4	3.5	3.7
67.5°	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9
66.25°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1
65°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
63.75°	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
62.5°	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.7
61.25°	2.6	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.5	4.7	4.9
60°	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6	4.9	5.1
58.75°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1	5.3
57.5°	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.7	5.0	5.2	5.5
56.25°	3.0	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.2	5.4	5.7
55°	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.3	5.6	5.9
53.75°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.5	5.8	6.0
52.5°	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.0
51.25°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.0
50°	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.0	6.0
48.75°	3.6	3.9	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.0	6.0
47.5°	3.7	4.0	4.4	4.7	5.0	5.3	5.7	6.0	6.0	6.0	6.0
46.25°	3.8	4.1	4.5	4.8	5.1	5.5	5.8	6.0	6.0	6.0	6.1
45°	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.0	6.0	6.0	6.3
43.75°	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.0	6.0	6.1	6.5
42.5°	4.0	4.4	4.8	5.1	5.5	5.8	6.0	6.0	6.0	6.3	6.6
41.25°	4.1	4.5	4.9	5.2	5.6	6.0	6.0	6.0	6.1	6.4	6.8
40°	4.2	4.6	5.0	5.3	5.7	6.0	6.0	6.0	6.2	6.6	6.9
38.75°	4.3	4.7	5.0	5.4	5.8	6.0	6.0	6.0	6.3	6.7	7.1
37.5°	4.3	4.7	5.1	5.5	5.9	6.0	6.0	6.1	6.5	6.8	7.2
36.25°	4.4	4.8	5.2	5.6	6.0	6.0	6.0	6.2	6.6	7.0	7.4
35°	4.5	4.9	5.3	5.7	6.0	6.0	6.0	6.3	6.7	7.1	7.5



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	4.6	5.0	5.4	5.8	6.0	6.0	6.0	6.4	6.8	7.2	7.6
32.5°	4.6	5.0	5.5	5.9	6.0	6.0	6.1	6.5	6.9	7.4	7.8
31.25°	4.7	5.1	5.5	6.0	6.0	6.0	6.2	6.6	7.1	7.5	7.9
30°	4.8	5.2	5.6	6.0	6.0	6.0	6.3	6.7	7.2	7.6	8.0
28.75°	4.8	5.2	5.7	6.0	6.0	6.0	6.4	6.8	7.3	7.7	8.0
27.5°	4.9	5.3	5.7	6.0	6.0	6.1	6.5	6.9	7.4	7.8	8.0
26.25°	4.9	5.4	5.8	6.0	6.0	6.1	6.6	7.0	7.5	7.9	8.0
25°	5.0	5.4	5.9	6.0	6.0	6.2	6.7	7.1	7.6	8.0	8.0
23.75°	5.0	5.5	5.9	6.0	6.0	6.3	6.7	7.2	7.7	8.0	8.0
22.5°	5.1	5.5	6.0	6.0	6.0	6.4	6.8	7.3	7.7	8.0	8.0
21.25°	5.1	5.6	6.0	6.0	6.0	6.4	6.9	7.4	7.8	8.0	8.0
20°	5.2	5.6	6.0	6.0	6.0	6.5	7.0	7.4	7.9	8.0	8.0
18.75°	5.2	5.7	6.0	6.0	6.1	6.6	7.0	7.5	8.0	8.0	8.0
17.5°	5.2	5.7	6.0	6.0	6.1	6.6	7.1	7.6	8.0	8.0	8.0
16.25°	5.3	5.8	6.0	6.0	6.2	6.7	7.1	7.6	8.0	8.0	8.1
15°	5.3	5.8	6.0	6.0	6.2	6.7	7.2	7.7	8.0	8.0	8.1
13.75°	5.3	5.8	6.0	6.0	6.3	6.8	7.2	7.7	8.0	8.0	8.2
12.5°	5.4	5.9	6.0	6.0	6.3	6.8	7.3	7.8	8.0	8.0	8.2
11.25°	5.4	5.9	6.0	6.0	6.4	6.8	7.3	7.8	8.0	8.0	8.3
10°	5.4	5.9	6.0	6.0	6.4	6.9	7.4	7.9	8.0	8.0	8.3
8.75°	5.4	5.9	6.0	6.0	6.4	6.9	7.4	7.9	8.0	8.0	8.4
7.5°	5.5	5.9	6.0	6.0	6.4	6.9	7.4	7.9	8.0	8.0	8.4
6.25°	5.5	6.0	6.0	6.0	6.5	7.0	7.4	7.9	8.0	8.0	8.4
5°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
3.75°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
2.5°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
1.25°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
0°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
-1.25°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
-2.5°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
-3.75°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
-5°	5.5	6.0	6.0	6.0	6.5	7.0	7.5	8.0	8.0	8.0	8.5
-6.25°	5.5	6.0	6.0	6.0	6.5	7.0	7.4	7.9	8.0	8.0	8.4
-7.5°	5.5	5.9	6.0	6.0	6.4	6.9	7.4	7.9	8.0	8.0	8.4
-8.75°	5.4	5.9	6.0	6.0	6.4	6.9	7.4	7.9	8.0	8.0	8.4
-10°	5.4	5.9	6.0	6.0	6.4	6.9	7.4	7.9	8.0	8.0	8.3
-11.25°	5.4	5.9	6.0	6.0	6.4	6.8	7.3	7.8	8.0	8.0	8.3
-12.5°	5.4	5.9	6.0	6.0	6.3	6.8	7.3	7.8	8.0	8.0	8.2
-13.75°	5.3	5.8	6.0	6.0	6.3	6.8	7.2	7.7	8.0	8.0	8.2
-15°	5.3	5.8	6.0	6.0	6.2	6.7	7.2	7.7	8.0	8.0	8.1
-16.25°	5.3	5.8	6.0	6.0	6.2	6.7	7.1	7.6	8.0	8.0	8.1
-17.5°	5.2	5.7	6.0	6.0	6.1	6.6	7.1	7.6	8.0	8.0	8.0
-18.75°	5.2	5.7	6.0	6.0	6.1	6.6	7.0	7.5	8.0	8.0	8.0
-20°	5.2	5.6	6.0	6.0	6.0	6.5	7.0	7.4	7.9	8.0	8.0
-21.25°	5.1	5.6	6.0	6.0	6.0	6.4	6.9	7.4	7.8	8.0	8.0



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	5.1	5.5	6.0	6.0	6.0	6.4	6.8	7.3	7.7	8.0	8.0
-23.75°	5.0	5.5	5.9	6.0	6.0	6.3	6.7	7.2	7.7	8.0	8.0
-25°	5.0	5.4	5.9	6.0	6.0	6.2	6.7	7.1	7.6	8.0	8.0
-26.25°	4.9	5.4	5.8	6.0	6.0	6.1	6.6	7.0	7.5	7.9	8.0
-27.5°	4.9	5.3	5.7	6.0	6.0	6.1	6.5	6.9	7.4	7.8	8.0
-28.75°	4.8	5.2	5.7	6.0	6.0	6.0	6.4	6.8	7.3	7.7	8.0
-30°	4.8	5.2	5.6	6.0	6.0	6.0	6.3	6.7	7.2	7.6	8.0
-31.25°	4.7	5.1	5.5	6.0	6.0	6.0	6.2	6.6	7.1	7.5	7.9
-32.5°	4.6	5.0	5.5	5.9	6.0	6.0	6.1	6.5	6.9	7.4	7.8
-33.75°	4.6	5.0	5.4	5.8	6.0	6.0	6.0	6.4	6.8	7.2	7.6
-35°	4.5	4.9	5.3	5.7	6.0	6.0	6.0	6.3	6.7	7.1	7.5
-36.25°	4.4	4.8	5.2	5.6	6.0	6.0	6.0	6.2	6.6	7.0	7.4
-37.5°	4.3	4.7	5.1	5.5	5.9	6.0	6.0	6.1	6.5	6.8	7.2
-38.75°	4.3	4.7	5.0	5.4	5.8	6.0	6.0	6.0	6.3	6.7	7.1
-40°	4.2	4.6	5.0	5.3	5.7	6.0	6.0	6.0	6.2	6.6	6.9
-41.25°	4.1	4.5	4.9	5.2	5.6	6.0	6.0	6.0	6.1	6.4	6.8
-42.5°	4.0	4.4	4.8	5.1	5.5	5.8	6.0	6.0	6.0	6.3	6.6
-43.75°	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.0	6.0	6.1	6.5
-45°	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.0	6.0	6.0	6.3
-46.25°	3.8	4.1	4.5	4.8	5.1	5.5	5.8	6.0	6.0	6.0	6.1
-47.5°	3.7	4.0	4.4	4.7	5.0	5.3	5.7	6.0	6.0	6.0	6.0
-48.75°	3.6	3.9	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.0	6.0
-50°	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.0	6.0
-51.25°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.0
-52.5°	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.0
-53.75°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.5	5.8	6.0
-55°	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.3	5.6	5.9
-56.25°	3.0	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.2	5.4	5.7
-57.5°	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.7	5.0	5.2	5.5
-58.75°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1	5.3
-60°	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6	4.9	5.1
-61.25°	2.6	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.5	4.7	4.9
-62.5°	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.7
-63.75°	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
-65°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
-66.25°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1
-67.5°	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9
-68.75°	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.4	3.5	3.7
-70°	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.2	3.3	3.5
-71.25°	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3
-72.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.1
-73.75°	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7	2.8
-75°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
-76.25°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-77.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-80°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-81.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5
-82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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	1.1	1.1	1.1	1.2	1.2	1.3	1.3
83.75°	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
82.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
81.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
80°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
78.75°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9
77.5°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2
76.25°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
75°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
73.75°	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1
72.5°	3.2	3.3	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.5
71.25°	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.6	4.8
70°	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1
68.75°	3.9	4.0	4.2	4.3	4.5	4.6	4.8	5.0	5.1	5.2	5.4
67.5°	4.1	4.2	4.4	4.6	4.7	4.9	5.1	5.2	5.4	5.5	5.7
66.25°	4.3	4.5	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.8	6.0
65°	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.0	6.0
63.75°	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0	6.0	6.0	6.0
62.5°	4.9	5.1	5.3	5.5	5.7	5.9	6.0	6.0	6.0	6.0	6.0
61.25°	5.1	5.4	5.6	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.2
60°	5.3	5.6	5.8	6.0	6.0	6.0	6.0	6.0	6.1	6.3	6.5
58.75°	5.5	5.8	6.0	6.0	6.0	6.0	6.0	6.1	6.4	6.6	6.8
57.5°	5.7	6.0	6.0	6.0	6.0	6.0	6.2	6.4	6.6	6.9	7.1
56.25°	5.9	6.0	6.0	6.0	6.0	6.2	6.4	6.7	6.9	7.1	7.4
55°	6.0	6.0	6.0	6.0	6.2	6.4	6.7	6.9	7.2	7.4	7.7
53.75°	6.0	6.0	6.0	6.1	6.4	6.7	6.9	7.2	7.4	7.7	7.9
52.5°	6.0	6.0	6.1	6.4	6.6	6.9	7.2	7.4	7.7	8.0	8.0
51.25°	6.0	6.0	6.3	6.6	6.9	7.1	7.4	7.7	8.0	8.0	8.0
50°	6.0	6.2	6.5	6.8	7.1	7.4	7.7	7.9	8.0	8.0	8.0
48.75°	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.0
47.5°	6.3	6.6	6.9	7.2	7.5	7.8	8.0	8.0	8.0	8.0	8.3
46.25°	6.4	6.8	7.1	7.4	7.7	8.0	8.0	8.0	8.0	8.3	8.6
45°	6.6	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.2	8.5	8.8
43.75°	6.8	7.1	7.5	7.8	8.0	8.0	8.0	8.1	8.4	8.8	9.1
42.5°	7.0	7.3	7.7	8.0	8.0	8.0	8.0	8.3	8.7	9.0	9.3
41.25°	7.1	7.5	7.8	8.0	8.0	8.0	8.2	8.6	8.9	9.2	9.6
40°	7.3	7.6	8.0	8.0	8.0	8.1	8.4	8.8	9.1	9.5	9.8
38.75°	7.4	7.8	8.0	8.0	8.0	8.3	8.6	9.0	9.3	9.7	10.0
37.5°	7.6	8.0	8.0	8.0	8.1	8.5	8.8	9.2	9.6	9.9	10.3
36.25°	7.7	8.0	8.0	8.0	8.3	8.6	9.0	9.4	9.8	10.1	10.5
35°	7.9	8.0	8.0	8.1	8.4	8.8	9.2	9.6	10.0	10.3	10.7



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	8.0	8.0	8.0	8.2	8.6	9.0	9.4	9.8	10.2	10.5	10.9
32.5°	8.0	8.0	8.0	8.4	8.8	9.2	9.6	10.0	10.4	10.7	11.1
31.25°	8.0	8.0	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3
30°	8.0	8.0	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5
28.75°	8.0	8.0	8.4	8.8	9.2	9.7	10.1	10.5	10.9	11.3	11.7
27.5°	8.0	8.1	8.5	9.0	9.4	9.8	10.2	10.7	11.1	11.5	11.9
26.25°	8.0	8.2	8.7	9.1	9.5	10.0	10.4	10.8	11.2	11.7	12.0
25°	8.0	8.3	8.8	9.2	9.7	10.1	10.5	11.0	11.4	11.8	12.0
23.75°	8.0	8.4	8.9	9.3	9.8	10.2	10.7	11.1	11.5	12.0	12.0
22.5°	8.1	8.6	9.0	9.5	9.9	10.4	10.8	11.2	11.7	12.0	12.0
21.25°	8.2	8.7	9.1	9.6	10.0	10.5	10.9	11.4	11.8	12.0	12.0
20°	8.3	8.7	9.2	9.7	10.1	10.6	11.0	11.5	12.0	12.0	12.0
18.75°	8.4	8.8	9.3	9.8	10.2	10.7	11.2	11.6	12.0	12.0	12.0
17.5°	8.5	8.9	9.4	9.9	10.3	10.8	11.3	11.7	12.0	12.0	12.2
16.25°	8.5	9.0	9.5	9.9	10.4	10.9	11.4	11.8	12.0	12.0	12.5
15°	8.6	9.1	9.6	10.0	10.5	11.0	11.5	11.9	12.0	12.0	12.7
13.75°	8.7	9.1	9.6	10.1	10.6	11.1	11.5	12.0	12.0	12.0	12.9
12.5°	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0	12.0	12.1	13.1
11.25°	8.8	9.3	9.7	10.2	10.7	11.2	11.7	12.0	12.0	12.3	13.3
10°	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.0	12.0	12.4	13.4
8.75°	8.9	9.4	9.8	10.3	10.8	11.3	11.8	12.0	12.0	12.6	13.6
7.5°	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.0	12.0	12.7	13.7
6.25°	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.0	12.0	12.8	13.8
5°	9.0	9.5	9.9	10.4	10.9	11.4	11.9	12.0	12.0	12.9	13.9
3.75°	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.0	12.9	13.9
2.5°	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.0	13.0	14.0
1.25°	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.0	13.0	14.0
0°	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.0	13.0	14.0
-1.25°	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.0	13.0	14.0
-2.5°	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.0	13.0	14.0
-3.75°	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.0	12.9	13.9
-5°	9.0	9.5	9.9	10.4	10.9	11.4	11.9	12.0	12.0	12.9	13.9
-6.25°	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.0	12.0	12.8	13.8
-7.5°	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.0	12.0	12.7	13.7
-8.75°	8.9	9.4	9.8	10.3	10.8	11.3	11.8	12.0	12.0	12.6	13.6
-10°	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.0	12.0	12.4	13.4
-11.25°	8.8	9.3	9.7	10.2	10.7	11.2	11.7	12.0	12.0	12.3	13.3
-12.5°	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0	12.0	12.1	13.1
-13.75°	8.7	9.1	9.6	10.1	10.6	11.1	11.5	12.0	12.0	12.0	12.9
-15°	8.6	9.1	9.6	10.0	10.5	11.0	11.5	11.9	12.0	12.0	12.7
-16.25°	8.5	9.0	9.5	9.9	10.4	10.9	11.4	11.8	12.0	12.0	12.5
-17.5°	8.5	8.9	9.4	9.9	10.3	10.8	11.3	11.7	12.0	12.0	12.2
-18.75°	8.4	8.8	9.3	9.8	10.2	10.7	11.2	11.6	12.0	12.0	12.0
-20°	8.3	8.7	9.2	9.7	10.1	10.6	11.0	11.5	12.0	12.0	12.0
-21.25°	8.2	8.7	9.1	9.6	10.0	10.5	10.9	11.4	11.8	12.0	12.0





REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	8.1	8.6	9.0	9.5	9.9	10.4	10.8	11.2	11.7	12.0	12.0
-23.75°	8.0	8.4	8.9	9.3	9.8	10.2	10.7	11.1	11.5	12.0	12.0
-25°	8.0	8.3	8.8	9.2	9.7	10.1	10.5	11.0	11.4	11.8	12.0
-26.25°	8.0	8.2	8.7	9.1	9.5	10.0	10.4	10.8	11.2	11.7	12.0
-27.5°	8.0	8.1	8.5	9.0	9.4	9.8	10.2	10.7	11.1	11.5	11.9
-28.75°	8.0	8.0	8.4	8.8	9.2	9.7	10.1	10.5	10.9	11.3	11.7
-30°	8.0	8.0	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5
-31.25°	8.0	8.0	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3
-32.5°	8.0	8.0	8.0	8.4	8.8	9.2	9.6	10.0	10.4	10.7	11.1
-33.75°	8.0	8.0	8.0	8.2	8.6	9.0	9.4	9.8	10.2	10.5	10.9
-35°	7.9	8.0	8.0	8.1	8.4	8.8	9.2	9.6	10.0	10.3	10.7
-36.25°	7.7	8.0	8.0	8.0	8.3	8.6	9.0	9.4	9.8	10.1	10.5
-37.5°	7.6	8.0	8.0	8.0	8.1	8.5	8.8	9.2	9.6	9.9	10.3
-38.75°	7.4	7.8	8.0	8.0	8.0	8.3	8.6	9.0	9.3	9.7	10.0
-40°	7.3	7.6	8.0	8.0	8.0	8.1	8.4	8.8	9.1	9.5	9.8
-41.25°	7.1	7.5	7.8	8.0	8.0	8.0	8.2	8.6	8.9	9.2	9.6
-42.5°	7.0	7.3	7.7	8.0	8.0	8.0	8.0	8.3	8.7	9.0	9.3
-43.75°	6.8	7.1	7.5	7.8	8.0	8.0	8.0	8.1	8.4	8.8	9.1
-45°	6.6	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.2	8.5	8.8
-46.25°	6.4	6.8	7.1	7.4	7.7	8.0	8.0	8.0	8.0	8.3	8.6
-47.5°	6.3	6.6	6.9	7.2	7.5	7.8	8.0	8.0	8.0	8.0	8.3
-48.75°	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.0	8.0	8.0	8.0
-50°	6.0	6.2	6.5	6.8	7.1	7.4	7.7	7.9	8.0	8.0	8.0
-51.25°	6.0	6.0	6.3	6.6	6.9	7.1	7.4	7.7	8.0	8.0	8.0
-52.5°	6.0	6.0	6.1	6.4	6.6	6.9	7.2	7.4	7.7	8.0	8.0
-53.75°	6.0	6.0	6.0	6.1	6.4	6.7	6.9	7.2	7.4	7.7	7.9
-55°	6.0	6.0	6.0	6.0	6.2	6.4	6.7	6.9	7.2	7.4	7.7
-56.25°	5.9	6.0	6.0	6.0	6.0	6.2	6.4	6.7	6.9	7.1	7.4
-57.5°	5.7	6.0	6.0	6.0	6.0	6.0	6.2	6.4	6.6	6.9	7.1
-58.75°	5.5	5.8	6.0	6.0	6.0	6.0	6.0	6.1	6.4	6.6	6.8
-60°	5.3	5.6	5.8	6.0	6.0	6.0	6.0	6.0	6.1	6.3	6.5
-61.25°	5.1	5.4	5.6	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.2
-62.5°	4.9	5.1	5.3	5.5	5.7	5.9	6.0	6.0	6.0	6.0	6.0
-63.75°	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0	6.0	6.0	6.0
-65°	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.0	6.0
-66.25°	4.3	4.5	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.8	6.0
-67.5°	4.1	4.2	4.4	4.6	4.7	4.9	5.1	5.2	5.4	5.5	5.7
-68.75°	3.9	4.0	4.2	4.3	4.5	4.6	4.8	5.0	5.1	5.2	5.4
-70°	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1
-71.25°	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.6	4.8
-72.5°	3.2	3.3	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.5
-73.75°	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1
-75°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
-76.25°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
-77.5°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9
-80°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
-81.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
-82.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-83.75°	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
-85°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
83.75°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
82.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
81.25°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8
80°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
78.75°	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6	3.6
77.5°	3.3	3.4	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.0
76.25°	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.3	4.4
75°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8
73.75°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2
72.5°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
71.25°	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
70°	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.0	6.0	6.0	6.0
68.75°	5.5	5.7	5.8	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0
67.5°	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.2
66.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.2	6.3	6.5	6.6
65°	6.0	6.0	6.0	6.0	6.1	6.3	6.4	6.6	6.7	6.8	7.0
63.75°	6.0	6.0	6.1	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4
62.5°	6.1	6.3	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.6	7.7
61.25°	6.4	6.6	6.8	7.0	7.1	7.3	7.5	7.6	7.8	8.0	8.0
60°	6.7	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.0	8.0	8.0
58.75°	7.0	7.2	7.4	7.6	7.8	8.0	8.0	8.0	8.0	8.0	8.0
57.5°	7.3	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.0	8.1	8.3
56.25°	7.6	7.8	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.5	8.6
55°	7.9	8.0	8.0	8.0	8.0	8.0	8.2	8.4	8.6	8.8	9.0
53.75°	8.0	8.0	8.0	8.0	8.1	8.3	8.6	8.8	9.0	9.2	9.4
52.5°	8.0	8.0	8.0	8.2	8.4	8.7	8.9	9.1	9.3	9.6	9.8
51.25°	8.0	8.0	8.3	8.5	8.8	9.0	9.2	9.5	9.7	9.9	10.1
50°	8.0	8.3	8.6	8.8	9.1	9.3	9.6	9.8	10.0	10.3	10.5
48.75°	8.3	8.6	8.9	9.1	9.4	9.6	9.9	10.1	10.4	10.6	10.8
47.5°	8.6	8.9	9.1	9.4	9.7	9.9	10.2	10.5	10.7	11.0	11.2
46.25°	8.9	9.1	9.4	9.7	10.0	10.3	10.5	10.8	11.1	11.3	11.6
45°	9.1	9.4	9.7	10.0	10.3	10.6	10.8	11.1	11.4	11.6	11.9
43.75°	9.4	9.7	10.0	10.3	10.6	10.9	11.2	11.4	11.7	12.0	12.0
42.5°	9.6	9.9	10.3	10.6	10.9	11.2	11.5	11.8	12.0	12.0	12.0
41.25°	9.9	10.2	10.5	10.8	11.2	11.5	11.8	12.0	12.0	12.0	12.0
40°	10.1	10.5	10.8	11.1	11.4	11.8	12.0	12.0	12.0	12.0	12.5
38.75°	10.4	10.7	11.1	11.4	11.7	12.0	12.0	12.0	12.0	12.6	13.2
37.5°	10.6	11.0	11.3	11.6	12.0	12.0	12.0	12.0	12.6	13.2	13.8
36.25°	10.8	11.2	11.6	11.9	12.0	12.0	12.0	12.5	13.2	13.8	14.7
35°	11.1	11.4	11.8	12.0	12.0	12.0	12.4	13.1	13.8	14.6	15.6





REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	12.0	12.9	13.8	14.9	16.2	18.0	20.6	23.2	27.4	31.5	37.0
-23.75°	12.0	12.6	13.4	14.4	15.7	16.9	19.4	21.9	25.2	29.3	33.4
-25°	12.0	12.2	13.0	13.9	15.1	16.3	18.1	20.5	22.9	26.9	30.8
-26.25°	12.0	12.0	12.7	13.5	14.5	15.7	16.9	19.2	21.5	24.4	28.3
-27.5°	12.0	12.0	12.3	13.1	13.9	15.0	16.2	17.7	20.0	22.3	25.7
-28.75°	12.0	12.0	12.0	12.6	13.4	14.3	15.5	16.6	18.5	20.8	23.0
-30°	11.9	12.0	12.0	12.2	13.0	13.7	14.8	15.9	17.0	19.2	21.3
-31.25°	11.7	12.0	12.0	12.0	12.5	13.3	14.0	15.1	16.2	17.5	19.6
-32.5°	11.5	11.9	12.0	12.0	12.0	12.8	13.5	14.3	15.4	16.4	17.9
-33.75°	11.3	11.7	12.0	12.0	12.0	12.2	13.0	13.7	14.5	15.5	16.5
-35°	11.1	11.4	11.8	12.0	12.0	12.0	12.4	13.1	13.8	14.6	15.6
-36.25°	10.8	11.2	11.6	11.9	12.0	12.0	12.0	12.5	13.2	13.8	14.7
-37.5°	10.6	11.0	11.3	11.6	12.0	12.0	12.0	12.0	12.6	13.2	13.8
-38.75°	10.4	10.7	11.1	11.4	11.7	12.0	12.0	12.0	12.0	12.6	13.2
-40°	10.1	10.5	10.8	11.1	11.4	11.8	12.0	12.0	12.0	12.0	12.5
-41.25°	9.9	10.2	10.5	10.8	11.2	11.5	11.8	12.0	12.0	12.0	12.0
-42.5°	9.6	9.9	10.3	10.6	10.9	11.2	11.5	11.8	12.0	12.0	12.0
-43.75°	9.4	9.7	10.0	10.3	10.6	10.9	11.2	11.4	11.7	12.0	12.0
-45°	9.1	9.4	9.7	10.0	10.3	10.6	10.8	11.1	11.4	11.6	11.9
-46.25°	8.9	9.1	9.4	9.7	10.0	10.3	10.5	10.8	11.1	11.3	11.6
-47.5°	8.6	8.9	9.1	9.4	9.7	9.9	10.2	10.5	10.7	11.0	11.2
-48.75°	8.3	8.6	8.9	9.1	9.4	9.6	9.9	10.1	10.4	10.6	10.8
-50°	8.0	8.3	8.6	8.8	9.1	9.3	9.6	9.8	10.0	10.3	10.5
-51.25°	8.0	8.0	8.3	8.5	8.8	9.0	9.2	9.5	9.7	9.9	10.1
-52.5°	8.0	8.0	8.0	8.2	8.4	8.7	8.9	9.1	9.3	9.6	9.8
-53.75°	8.0	8.0	8.0	8.0	8.1	8.3	8.6	8.8	9.0	9.2	9.4
-55°	7.9	8.0	8.0	8.0	8.0	8.0	8.2	8.4	8.6	8.8	9.0
-56.25°	7.6	7.8	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.5	8.6
-57.5°	7.3	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.0	8.1	8.3
-58.75°	7.0	7.2	7.4	7.6	7.8	8.0	8.0	8.0	8.0	8.0	8.0
-60°	6.7	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.0	8.0	8.0
-61.25°	6.4	6.6	6.8	7.0	7.1	7.3	7.5	7.6	7.8	8.0	8.0
-62.5°	6.1	6.3	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.6	7.7
-63.75°	6.0	6.0	6.1	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4
-65°	6.0	6.0	6.0	6.0	6.1	6.3	6.4	6.6	6.7	6.8	7.0
-66.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.2	6.3	6.5	6.6
-67.5°	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.2
-68.75°	5.5	5.7	5.8	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-70°	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.0	6.0	6.0	6.0
-71.25°	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
-72.5°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
-73.75°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2
-75°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8
-76.25°	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.3	4.4
-77.5°	3.3	3.4	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.0



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6	3.6
-80°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
-81.25°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8
-82.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
-83.75°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-85°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-86.25°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
83.75°	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3
82.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
81.25°	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
80°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
78.75°	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2
77.5°	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6
76.25°	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1
75°	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5
73.75°	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9	6.0
72.5°	5.7	5.8	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
71.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
70°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.2	6.3	6.4
68.75°	6.0	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8
67.5°	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3
66.25°	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.7
65°	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.0
63.75°	7.5	7.6	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0
62.5°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1
61.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.3	8.4	8.6
60°	8.0	8.0	8.0	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.0
58.75°	8.1	8.2	8.4	8.5	8.7	8.8	9.0	9.1	9.2	9.3	9.5
57.5°	8.4	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.9
56.25°	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.4
55°	9.2	9.4	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8
53.75°	9.6	9.8	10.0	10.1	10.3	10.5	10.7	10.8	11.0	11.1	11.2
52.5°	10.0	10.2	10.4	10.5	10.7	10.9	11.1	11.2	11.4	11.5	11.7
51.25°	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.8	12.0	12.0
50°	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.0	12.0	12.0	12.0
48.75°	11.1	11.3	11.5	11.7	11.9	12.0	12.0	12.0	12.0	12.0	12.0
47.5°	11.4	11.7	11.9	12.0	12.0	12.0	12.0	12.0	12.2	12.6	12.9
46.25°	11.8	12.0	12.0	12.0	12.0	12.0	12.3	12.7	13.0	13.4	13.8
45°	12.0	12.0	12.0	12.0	12.2	12.6	13.1	13.5	13.9	14.4	14.9
43.75°	12.0	12.0	12.0	12.5	13.0	13.4	13.9	14.5	15.1	15.7	16.2
42.5°	12.0	12.2	12.8	13.3	13.7	14.3	15.0	15.7	16.3	16.9	18.0
41.25°	12.4	13.0	13.5	14.0	14.8	15.5	16.2	16.9	18.1	19.4	20.6
40°	13.1	13.7	14.3	15.1	15.9	16.6	17.7	19.2	20.5	21.9	23.2
38.75°	13.8	14.5	15.4	16.2	17.0	18.5	20.0	21.5	22.9	25.2	27.4
37.5°	14.6	15.5	16.4	17.5	19.2	20.8	22.3	24.4	26.9	29.3	31.5
36.25°	15.6	16.5	17.9	19.6	21.3	23.0	25.7	28.3	30.8	33.4	37.0
35°	16.6	18.0	19.9	21.7	23.7	26.6	29.4	32.1	35.6	39.4	43.1



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	18.0	20.0	21.9	24.2	27.2	30.2	33.1	37.3	41.4	45.3	49.9
32.5°	19.9	21.9	24.4	27.6	30.7	34.1	38.6	42.9	47.1	53.3	59.9
31.25°	21.7	24.2	27.6	30.8	34.6	39.3	43.9	48.6	55.9	62.9	69.7
30°	23.7	27.2	30.7	34.6	39.5	44.4	49.9	57.6	65.1	72.4	83.2
28.75°	26.6	30.2	34.1	39.3	44.4	50.3	58.5	66.4	74.9	86.9	98.5
27.5°	29.4	33.1	38.6	43.9	49.9	58.5	66.9	76.3	89.1	101.5	113.8
26.25°	32.1	37.3	42.9	48.6	57.6	66.4	76.3	89.8	103.0	117.1	135.2
25°	35.6	41.4	47.1	55.9	65.1	74.9	89.1	103.0	118.2	137.4	156.1
23.75°	39.4	45.3	53.3	62.9	72.4	86.9	101.5	117.1	137.4	157.3	180.3
22.5°	43.1	49.9	59.9	69.7	83.2	98.5	113.8	135.2	156.1	180.3	213.7
21.25°	46.6	56.0	66.2	78.2	94.1	109.8	130.7	152.6	176.4	211.7	246.1
20°	51.3	61.8	72.2	88.2	104.5	124.0	146.9	169.5	205.6	242.0	280.8
18.75°	56.7	67.4	81.0	97.8	115.1	139.0	162.5	195.6	233.7	272.2	321.8
17.5°	61.7	72.7	89.8	106.9	128.9	153.3	181.7	221.4	260.6	309.8	370.6
16.25°	66.5	80.4	98.1	116.7	141.9	166.8	205.3	246.0	292.5	351.9	420.6
15°	71.0	87.9	105.8	128.5	154.2	185.4	227.6	269.7	326.2	395.4	471.3
13.75°	76.5	94.9	113.2	139.5	165.6	205.4	248.4	298.9	364.4	439.6	523.3
12.5°	82.7	101.3	122.9	149.6	179.7	223.9	267.8	327.6	401.6	483.8	572.0
11.25°	88.3	107.2	131.8	158.9	196.0	241.0	291.7	358.9	437.9	526.7	617.0
10°	93.4	112.5	139.9	167.4	210.8	256.4	313.3	387.6	472.7	565.8	661.4
8.75°	97.9	119.1	147.1	177.5	223.9	271.0	335.9	415.9	506.1	601.0	701.4
7.5°	101.9	125.1	153.3	188.5	235.5	287.2	357.2	440.6	535.5	633.0	736.8
6.25°	105.3	130.3	158.7	197.9	245.3	301.0	375.4	462.5	560.6	661.7	767.2
5°	108.0	134.5	163.1	205.6	253.4	312.5	391.1	482.2	581.5	685.5	792.4
3.75°	110.2	137.8	166.5	211.7	259.8	321.8	404.1	497.7	597.8	704.2	812.2
2.5°	111.8	140.1	169.0	216.0	264.3	329.8	413.5	508.8	609.5	717.7	826.5
1.25°	112.7	141.5	170.5	218.6	267.1	334.6	419.1	515.5	616.6	725.8	835.1
0°	113.0	142.0	171.0	219.5	268.0	336.3	421.0	517.8	619.0	728.5	838.0
-1.25°	112.7	141.5	170.5	218.6	267.1	334.6	419.1	515.5	616.6	725.8	835.1
-2.5°	111.8	140.1	169.0	216.0	264.3	329.8	413.5	508.8	609.5	717.7	826.5
-3.75°	110.2	137.8	166.5	211.7	259.8	321.8	404.1	497.7	597.8	704.2	812.2
-5°	108.0	134.5	163.1	205.6	253.4	312.5	391.1	482.2	581.5	685.5	792.4
-6.25°	105.3	130.3	158.7	197.9	245.3	301.0	375.4	462.5	560.6	661.7	767.2
-7.5°	101.9	125.1	153.3	188.5	235.5	287.2	357.2	440.6	535.5	633.0	736.8
-8.75°	97.9	119.1	147.1	177.5	223.9	271.0	335.9	415.9	506.1	601.0	701.4
-10°	93.4	112.5	139.9	167.4	210.8	256.4	313.3	387.6	472.7	565.8	661.4
-11.25°	88.3	107.2	131.8	158.9	196.0	241.0	291.7	358.9	437.9	526.7	617.0
-12.5°	82.7	101.3	122.9	149.6	179.7	223.9	267.8	327.6	401.6	483.8	572.0
-13.75°	76.5	94.9	113.2	139.5	165.6	205.4	248.4	298.9	364.4	439.6	523.3
-15°	71.0	87.9	105.8	128.5	154.2	185.4	227.6	269.7	326.2	395.4	471.3
-16.25°	66.5	80.4	98.1	116.7	141.9	166.8	205.3	246.0	292.5	351.9	420.6
-17.5°	61.7	72.7	89.8	106.9	128.9	153.3	181.7	221.4	260.6	309.8	370.6
-18.75°	56.7	67.4	81.0	97.8	115.1	139.0	162.5	195.6	233.7	272.2	321.8
-20°	51.3	61.8	72.2	88.2	104.5	124.0	146.9	169.5	205.6	242.0	280.8
-21.25°	46.6	56.0	66.2	78.2	94.1	109.8	130.7	152.6	176.4	211.7	246.1





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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°
-22.5°	43.1	49.9	59.9	69.7	83.2	98.5	113.8	135.2	156.1	180.3	213.7
-23.75°	39.4	45.3	53.3	62.9	72.4	86.9	101.5	117.1	137.4	157.3	180.3
-25°	35.6	41.4	47.1	55.9	65.1	74.9	89.1	103.0	118.2	137.4	156.1
-26.25°	32.1	37.3	42.9	48.6	57.6	66.4	76.3	89.8	103.0	117.1	135.2
-27.5°	29.4	33.1	38.6	43.9	49.9	58.5	66.9	76.3	89.1	101.5	113.8
-28.75°	26.6	30.2	34.1	39.3	44.4	50.3	58.5	66.4	74.9	86.9	98.5
-30°	23.7	27.2	30.7	34.6	39.5	44.4	49.9	57.6	65.1	72.4	83.2
-31.25°	21.7	24.2	27.6	30.8	34.6	39.3	43.9	48.6	55.9	62.9	69.7
-32.5°	19.9	21.9	24.4	27.6	30.7	34.1	38.6	42.9	47.1	53.3	59.9
-33.75°	18.0	20.0	21.9	24.2	27.2	30.2	33.1	37.3	41.4	45.3	49.9
-35°	16.6	18.0	19.9	21.7	23.7	26.6	29.4	32.1	35.6	39.4	43.1
-36.25°	15.6	16.5	17.9	19.6	21.3	23.0	25.7	28.3	30.8	33.4	37.0
-37.5°	14.6	15.5	16.4	17.5	19.2	20.8	22.3	24.4	26.9	29.3	31.5
-38.75°	13.8	14.5	15.4	16.2	17.0	18.5	20.0	21.5	22.9	25.2	27.4
-40°	13.1	13.7	14.3	15.1	15.9	16.6	17.7	19.2	20.5	21.9	23.2
-41.25°	12.4	13.0	13.5	14.0	14.8	15.5	16.2	16.9	18.1	19.4	20.6
-42.5°	12.0	12.2	12.8	13.3	13.7	14.3	15.0	15.7	16.3	16.9	18.0
-43.75°	12.0	12.0	12.0	12.5	13.0	13.4	13.9	14.5	15.1	15.7	16.2
-45°	12.0	12.0	12.0	12.0	12.2	12.6	13.1	13.5	13.9	14.4	14.9
-46.25°	11.8	12.0	12.0	12.0	12.0	12.0	12.3	12.7	13.0	13.4	13.8
-47.5°	11.4	11.7	11.9	12.0	12.0	12.0	12.0	12.0	12.2	12.6	12.9
-48.75°	11.1	11.3	11.5	11.7	11.9	12.0	12.0	12.0	12.0	12.0	12.0
-50°	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.0	12.0	12.0	12.0
-51.25°	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.8	12.0	12.0
-52.5°	10.0	10.2	10.4	10.5	10.7	10.9	11.1	11.2	11.4	11.5	11.7
-53.75°	9.6	9.8	10.0	10.1	10.3	10.5	10.7	10.8	11.0	11.1	11.2
-55°	9.2	9.4	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8
-56.25°	8.8	9.0	9.2	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.4
-57.5°	8.4	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.9
-58.75°	8.1	8.2	8.4	8.5	8.7	8.8	9.0	9.1	9.2	9.3	9.5
-60°	8.0	8.0	8.0	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.0
-61.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.3	8.4	8.6
-62.5°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1
-63.75°	7.5	7.6	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-65°	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.0
-66.25°	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.7
-67.5°	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3
-68.75°	6.0	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8
-70°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.2	6.3	6.4
-71.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-72.5°	5.7	5.8	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-73.75°	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9	6.0
-75°	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5
-76.25°	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1
-77.5°	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6



REPORT NUMBER: P29411 (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°	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2
-80°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
-81.25°	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
-82.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
-83.75°	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3
-85°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-86.25°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
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°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
83.75°	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5
82.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
81.25°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
80°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
78.75°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
77.5°	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9
76.25°	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.4
75°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
73.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
71.25°	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4
70°	6.4	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9
68.75°	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4
67.5°	7.4	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9
66.25°	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
65°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
63.75°	8.0	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4
62.5°	8.2	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9
61.25°	8.7	8.7	8.8	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4
60°	9.1	9.2	9.3	9.4	9.5	9.6	9.6	9.7	9.7	9.8	9.8
58.75°	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.2	10.2	10.3	10.3
57.5°	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8	10.8
56.25°	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.1	11.2	11.3	11.3
55°	10.9	11.0	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8
53.75°	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.0	12.0	12.0	12.0
52.5°	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
51.25°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.3	12.4	12.6
50°	12.0	12.0	12.0	12.2	12.5	12.7	12.9	13.1	13.3	13.4	13.6
48.75°	12.3	12.6	12.9	13.2	13.4	13.6	13.9	14.1	14.3	14.6	14.8
47.5°	13.2	13.5	13.8	14.1	14.5	14.9	15.2	15.5	15.8	16.0	16.3
46.25°	14.2	14.6	15.1	15.5	15.9	16.3	16.6	17.0	17.5	18.0	18.5
45°	15.5	16.0	16.4	16.9	17.6	18.4	19.1	19.8	20.4	20.9	21.4
43.75°	16.8	17.6	18.6	19.5	20.4	21.2	21.9	22.6	23.4	24.4	25.2
42.5°	19.2	20.2	21.3	22.2	23.2	24.6	25.9	27.2	28.2	29.2	30.1
41.25°	21.8	22.9	24.6	26.2	27.8	29.3	30.6	31.9	33.1	34.6	36.0
40°	25.2	27.2	29.0	30.7	32.4	34.4	36.5	38.4	40.2	41.8	43.3
38.75°	29.5	31.5	33.6	36.3	38.9	41.3	43.5	45.5	47.4	49.8	52.3
37.5°	34.1	37.2	40.2	43.0	45.7	48.2	52.1	55.6	58.9	61.8	64.4
36.25°	40.4	43.6	46.7	50.7	55.4	59.7	63.7	67.4	70.7	74.3	78.6
35°	46.6	51.3	56.7	61.7	66.5	71.0	76.5	82.7	88.3	93.4	97.9



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	56.0	61.8	67.4	72.7	80.4	87.9	94.9	101.3	107.2	112.5	119.1
32.5°	66.2	72.2	81.0	89.8	98.1	105.8	113.2	122.9	131.8	139.9	147.1
31.25°	78.2	88.2	97.8	106.9	116.7	128.5	139.5	149.6	158.9	167.4	177.5
30°	94.1	104.5	115.1	128.9	141.9	154.2	165.6	179.7	196.0	210.8	223.9
28.75°	109.8	124.0	139.0	153.3	166.8	185.4	205.4	223.9	241.0	256.4	271.0
27.5°	130.7	146.9	162.5	181.7	205.3	227.6	248.4	267.8	291.7	313.3	335.9
26.25°	152.6	169.5	195.6	221.4	246.0	269.7	298.9	327.6	358.9	387.6	415.9
25°	176.4	205.6	233.7	260.6	292.5	326.2	364.4	401.6	437.9	472.7	506.1
23.75°	211.7	242.0	272.2	309.8	351.9	395.4	439.6	483.8	526.7	565.8	601.0
22.5°	246.1	280.8	321.8	370.6	420.6	471.3	523.3	572.0	617.0	661.4	701.4
21.25°	283.6	329.1	381.8	437.7	495.8	553.5	607.9	662.2	713.4	760.3	802.6
20°	329.1	385.7	446.3	510.7	573.8	635.3	697.0	754.9	808.8	860.6	910.4
18.75°	381.8	446.3	515.7	584.1	652.4	720.4	785.1	846.9	910.1	968.3	1021.1
17.5°	437.7	510.7	584.1	658.1	732.3	803.4	874.9	946.2	1012.8	1074.4	1135.1
16.25°	495.8	573.8	652.4	732.3	809.6	889.1	968.2	1043.1	1116.5	1188.0	1253.2
15°	553.5	635.3	720.4	803.4	889.1	975.6	1058.5	1142.6	1224.1	1299.9	1370.0
13.75°	607.9	697.0	785.1	874.9	968.2	1058.5	1151.4	1242.4	1328.7	1409.8	1482.5
12.5°	662.2	754.9	846.9	946.2	1043.1	1142.6	1242.4	1338.4	1429.5	1513.2	1587.2
11.25°	713.4	808.8	910.1	1012.8	1116.5	1224.1	1328.7	1429.5	1523.2	1608.1	1678.6
10°	760.3	860.6	968.3	1074.4	1188.0	1299.9	1409.8	1513.2	1608.1	1688.6	1757.3
8.75°	802.6	910.4	1021.1	1135.1	1253.2	1370.0	1482.5	1587.2	1678.6	1757.3	1823.5
7.5°	840.3	954.5	1067.9	1189.7	1311.7	1432.1	1546.2	1649.4	1738.5	1814.6	1879.7
6.25°	876.1	992.6	1111.0	1237.2	1362.9	1485.7	1601.1	1701.7	1788.5	1862.4	1927.4
5°	906.0	1024.4	1148.1	1276.9	1405.9	1529.7	1643.3	1742.2	1827.1	1901.2	1967.0
3.75°	929.4	1049.4	1177.4	1308.4	1439.1	1563.9	1676.4	1774.7	1857.5	1931.3	1996.8
2.5°	946.4	1067.4	1198.6	1331.4	1463.2	1588.8	1700.3	1795.9	1878.7	1953.0	2018.8
1.25°	956.6	1078.3	1211.5	1345.3	1477.8	1603.9	1713.6	1808.7	1891.6	1966.5	2031.9
0°	960.0	1082.0	1215.8	1350.0	1482.8	1609.0	1718.0	1813.0	1896.0	1971.0	2036.3
-1.25°	956.6	1078.3	1211.5	1345.3	1477.8	1603.9	1713.6	1808.7	1891.6	1966.5	2031.9
-2.5°	946.4	1067.4	1198.6	1331.4	1463.2	1588.8	1700.3	1795.9	1878.7	1953.0	2018.8
-3.75°	929.4	1049.4	1177.4	1308.4	1439.1	1563.9	1676.4	1774.7	1857.5	1931.3	1996.8
-5°	906.0	1024.4	1148.1	1276.9	1405.9	1529.7	1643.3	1742.2	1827.1	1901.2	1967.0
-6.25°	876.1	992.6	1111.0	1237.2	1362.9	1485.7	1601.1	1701.7	1788.5	1862.4	1927.4
-7.5°	840.3	954.5	1067.9	1189.7	1311.7	1432.1	1546.2	1649.4	1738.5	1814.6	1879.7
-8.75°	802.6	910.4	1021.1	1135.1	1253.2	1370.0	1482.5	1587.2	1678.6	1757.3	1823.5
-10°	760.3	860.6	968.3	1074.4	1188.0	1299.9	1409.8	1513.2	1608.1	1688.6	1757.3
-11.25°	713.4	808.8	910.1	1012.8	1116.5	1224.1	1328.7	1429.5	1523.2	1608.1	1678.6
-12.5°	662.2	754.9	846.9	946.2	1043.1	1142.6	1242.4	1338.4	1429.5	1513.2	1587.2
-13.75°	607.9	697.0	785.1	874.9	968.2	1058.5	1151.4	1242.4	1328.7	1409.8	1482.5
-15°	553.5	635.3	720.4	803.4	889.1	975.6	1058.5	1142.6	1224.1	1299.9	1370.0
-16.25°	495.8	573.8	652.4	732.3	809.6	889.1	968.2	1043.1	1116.5	1188.0	1253.2
-17.5°	437.7	510.7	584.1	658.1	732.3	803.4	874.9	946.2	1012.8	1074.4	1135.1
-18.75°	381.8	446.3	515.7	584.1	652.4	720.4	785.1	846.9	910.1	968.3	1021.1
-20°	329.1	385.7	446.3	510.7	573.8	635.3	697.0	754.9	808.8	860.6	910.4
-21.25°	283.6	329.1	381.8	437.7	495.8	553.5	607.9	662.2	713.4	760.3	802.6



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	246.1	280.8	321.8	370.6	420.6	471.3	523.3	572.0	617.0	661.4	701.4
-23.75°	211.7	242.0	272.2	309.8	351.9	395.4	439.6	483.8	526.7	565.8	601.0
-25°	176.4	205.6	233.7	260.6	292.5	326.2	364.4	401.6	437.9	472.7	506.1
-26.25°	152.6	169.5	195.6	221.4	246.0	269.7	298.9	327.6	358.9	387.6	415.9
-27.5°	130.7	146.9	162.5	181.7	205.3	227.6	248.4	267.8	291.7	313.3	335.9
-28.75°	109.8	124.0	139.0	153.3	166.8	185.4	205.4	223.9	241.0	256.4	271.0
-30°	94.1	104.5	115.1	128.9	141.9	154.2	165.6	179.7	196.0	210.8	223.9
-31.25°	78.2	88.2	97.8	106.9	116.7	128.5	139.5	149.6	158.9	167.4	177.5
-32.5°	66.2	72.2	81.0	89.8	98.1	105.8	113.2	122.9	131.8	139.9	147.1
-33.75°	56.0	61.8	67.4	72.7	80.4	87.9	94.9	101.3	107.2	112.5	119.1
-35°	46.6	51.3	56.7	61.7	66.5	71.0	76.5	82.7	88.3	93.4	97.9
-36.25°	40.4	43.6	46.7	50.7	55.4	59.7	63.7	67.4	70.7	74.3	78.6
-37.5°	34.1	37.2	40.2	43.0	45.7	48.2	52.1	55.6	58.9	61.8	64.4
-38.75°	29.5	31.5	33.6	36.3	38.9	41.3	43.5	45.5	47.4	49.8	52.3
-40°	25.2	27.2	29.0	30.7	32.4	34.4	36.5	38.4	40.2	41.8	43.3
-41.25°	21.8	22.9	24.6	26.2	27.8	29.3	30.6	31.9	33.1	34.6	36.0
-42.5°	19.2	20.2	21.3	22.2	23.2	24.6	25.9	27.2	28.2	29.2	30.1
-43.75°	16.8	17.6	18.6	19.5	20.4	21.2	21.9	22.6	23.4	24.4	25.2
-45°	15.5	16.0	16.4	16.9	17.6	18.4	19.1	19.8	20.4	20.9	21.4
-46.25°	14.2	14.6	15.1	15.5	15.9	16.3	16.6	17.0	17.5	18.0	18.5
-47.5°	13.2	13.5	13.8	14.1	14.5	14.9	15.2	15.5	15.8	16.0	16.3
-48.75°	12.3	12.6	12.9	13.2	13.4	13.6	13.9	14.1	14.3	14.6	14.8
-50°	12.0	12.0	12.0	12.2	12.5	12.7	12.9	13.1	13.3	13.4	13.6
-51.25°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.3	12.4	12.6
-52.5°	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-53.75°	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.0	12.0	12.0	12.0
-55°	10.9	11.0	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8
-56.25°	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.1	11.2	11.3	11.3
-57.5°	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8	10.8
-58.75°	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.2	10.2	10.3	10.3
-60°	9.1	9.2	9.3	9.4	9.5	9.6	9.6	9.7	9.7	9.8	9.8
-61.25°	8.7	8.7	8.8	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4
-62.5°	8.2	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9
-63.75°	8.0	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4
-65°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-66.25°	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-67.5°	7.4	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9
-68.75°	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4
-70°	6.4	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9
-71.25°	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4
-72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-73.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-75°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
-76.25°	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.4
-77.5°	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
-80°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
-81.25°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
-82.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-83.75°	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5
-85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
81.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
80°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
78.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
76.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
75°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
73.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
71.25°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
70°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
68.75°	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
67.5°	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
66.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
65°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
63.75°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
62.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
61.25°	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
60°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
58.75°	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.4
57.5°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
56.25°	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.4
55°	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
53.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
52.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
51.25°	12.7	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9
50°	13.7	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
48.75°	15.0	15.1	15.3	15.4	15.4	15.5	15.5	15.5	15.4	15.4	15.3
47.5°	16.5	16.6	16.8	16.9	16.9	17.0	17.0	17.0	16.9	16.9	16.8
46.25°	18.9	19.2	19.5	19.7	19.9	20.0	20.0	20.0	19.9	19.7	19.5
45°	21.8	22.2	22.5	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.5
43.75°	26.0	26.6	27.1	27.5	27.8	27.9	28.0	27.9	27.8	27.5	27.1
42.5°	30.9	31.5	32.1	32.5	32.8	32.9	33.0	32.9	32.8	32.5	32.1
41.25°	37.2	38.2	39.0	39.7	40.1	40.4	40.5	40.4	40.1	39.7	39.0
40°	44.5	45.6	46.4	47.1	47.6	47.9	48.0	47.9	47.6	47.1	46.4
38.75°	54.4	56.3	57.8	59.0	59.8	60.3	60.5	60.3	59.8	59.0	57.8
37.5°	66.7	68.6	70.2	71.4	72.3	72.8	73.0	72.8	72.3	71.4	70.2
36.25°	82.4	85.6	88.3	90.3	91.8	92.7	93.0	92.7	91.8	90.3	88.3
35°	101.9	105.3	108.0	110.2	111.8	112.7	113.0	112.7	111.8	110.2	108.0



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	125.1	130.3	134.5	137.8	140.1	141.5	142.0	141.5	140.1	137.8	134.5
32.5°	153.3	158.7	163.1	166.5	169.0	170.5	171.0	170.5	169.0	166.5	163.1
31.25°	188.5	197.9	205.6	211.7	216.0	218.6	219.5	218.6	216.0	211.7	205.6
30°	235.5	245.3	253.4	259.8	264.3	267.1	268.0	267.1	264.3	259.8	253.4
28.75°	287.2	301.0	312.5	321.8	329.8	334.6	336.3	334.6	329.8	321.8	312.5
27.5°	357.2	375.4	391.1	404.1	413.5	419.1	421.0	419.1	413.5	404.1	391.1
26.25°	440.6	462.5	482.2	497.7	508.8	515.5	517.8	515.5	508.8	497.7	482.2
25°	535.5	560.6	581.5	597.8	609.5	616.6	619.0	616.6	609.5	597.8	581.5
23.75°	633.0	661.7	685.5	704.2	717.7	725.8	728.5	725.8	717.7	704.2	685.5
22.5°	736.8	767.2	792.4	812.2	826.5	835.1	838.0	835.1	826.5	812.2	792.4
21.25°	840.3	876.1	906.0	929.4	946.4	956.6	960.0	956.6	946.4	929.4	906.0
20°	954.5	992.6	1024.4	1049.4	1067.4	1078.3	1082.0	1078.3	1067.4	1049.4	1024.4
18.75°	1067.9	1111.0	1148.1	1177.4	1198.6	1211.5	1215.8	1211.5	1198.6	1177.4	1148.1
17.5°	1189.7	1237.2	1276.9	1308.4	1331.4	1345.3	1350.0	1345.3	1331.4	1308.4	1276.9
16.25°	1311.7	1362.9	1405.9	1439.1	1463.2	1477.8	1482.8	1477.8	1463.2	1439.1	1405.9
15°	1432.1	1485.7	1529.7	1563.9	1588.8	1603.9	1609.0	1603.9	1588.8	1563.9	1529.7
13.75°	1546.2	1601.1	1643.3	1676.4	1700.3	1713.6	1718.0	1713.6	1700.3	1676.4	1643.3
12.5°	1649.4	1701.7	1742.2	1774.7	1795.9	1808.7	1813.0	1808.7	1795.9	1774.7	1742.2
11.25°	1738.5	1788.5	1827.1	1857.5	1878.7	1891.6	1896.0	1891.6	1878.7	1857.5	1827.1
10°	1814.6	1862.4	1901.2	1931.3	1953.0	1966.5	1971.0	1966.5	1953.0	1931.3	1901.2
8.75°	1879.7	1927.4	1967.0	1996.8	2018.8	2031.9	2036.3	2031.9	2018.8	1996.8	1967.0
7.5°	1936.1	1984.2	2023.7	2054.4	2076.8	2088.5	2092.5	2088.5	2076.8	2054.4	2023.7
6.25°	1984.2	2032.3	2073.1	2100.9	2118.8	2127.7	2130.8	2127.7	2118.8	2100.9	2073.1
5°	2023.7	2073.1	2109.4	2130.8	2141.9	2147.2	2149.0	2147.2	2141.9	2130.8	2109.4
3.75°	2054.4	2100.9	2130.8	2145.4	2149.5	2149.7	2148.5	2149.7	2149.5	2145.4	2130.8
2.5°	2076.8	2118.8	2141.9	2149.5	2147.2	2143.0	2141.5	2143.0	2147.2	2149.5	2141.9
1.25°	2088.5	2127.7	2147.2	2149.7	2143.0	2139.5	2140.5	2139.5	2143.0	2149.7	2147.2
0°	2092.5	2130.8	2149.0	2148.5	2141.5	2140.5	2146.0	2140.5	2141.5	2148.5	2149.0
-1.25°	2088.5	2127.7	2147.2	2149.7	2143.0	2139.5	2140.5	2139.5	2143.0	2149.7	2147.2
-2.5°	2076.8	2118.8	2141.9	2149.5	2147.2	2143.0	2141.5	2143.0	2147.2	2149.5	2141.9
-3.75°	2054.4	2100.9	2130.8	2145.4	2149.5	2149.7	2148.5	2149.7	2149.5	2145.4	2130.8
-5°	2023.7	2073.1	2109.4	2130.8	2141.9	2147.2	2149.0	2147.2	2141.9	2130.8	2109.4
-6.25°	1984.2	2032.3	2073.1	2100.9	2118.8	2127.7	2130.8	2127.7	2118.8	2100.9	2073.1
-7.5°	1936.1	1984.2	2023.7	2054.4	2076.8	2088.5	2092.5	2088.5	2076.8	2054.4	2023.7
-8.75°	1879.7	1927.4	1967.0	1996.8	2018.8	2031.9	2036.3	2031.9	2018.8	1996.8	1967.0
-10°	1814.6	1862.4	1901.2	1931.3	1953.0	1966.5	1971.0	1966.5	1953.0	1931.3	1901.2
-11.25°	1738.5	1788.5	1827.1	1857.5	1878.7	1891.6	1896.0	1891.6	1878.7	1857.5	1827.1
-12.5°	1649.4	1701.7	1742.2	1774.7	1795.9	1808.7	1813.0	1808.7	1795.9	1774.7	1742.2
-13.75°	1546.2	1601.1	1643.3	1676.4	1700.3	1713.6	1718.0	1713.6	1700.3	1676.4	1643.3
-15°	1432.1	1485.7	1529.7	1563.9	1588.8	1603.9	1609.0	1603.9	1588.8	1563.9	1529.7
-16.25°	1311.7	1362.9	1405.9	1439.1	1463.2	1477.8	1482.8	1477.8	1463.2	1439.1	1405.9
-17.5°	1189.7	1237.2	1276.9	1308.4	1331.4	1345.3	1350.0	1345.3	1331.4	1308.4	1276.9
-18.75°	1067.9	1111.0	1148.1	1177.4	1198.6	1211.5	1215.8	1211.5	1198.6	1177.4	1148.1
-20°	954.5	992.6	1024.4	1049.4	1067.4	1078.3	1082.0	1078.3	1067.4	1049.4	1024.4
-21.25°	840.3	876.1	906.0	929.4	946.4	956.6	960.0	956.6	946.4	929.4	906.0





REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	736.8	767.2	792.4	812.2	826.5	835.1	838.0	835.1	826.5	812.2	792.4
-23.75°	633.0	661.7	685.5	704.2	717.7	725.8	728.5	725.8	717.7	704.2	685.5
-25°	535.5	560.6	581.5	597.8	609.5	616.6	619.0	616.6	609.5	597.8	581.5
-26.25°	440.6	462.5	482.2	497.7	508.8	515.5	517.8	515.5	508.8	497.7	482.2
-27.5°	357.2	375.4	391.1	404.1	413.5	419.1	421.0	419.1	413.5	404.1	391.1
-28.75°	287.2	301.0	312.5	321.8	329.8	334.6	336.3	334.6	329.8	321.8	312.5
-30°	235.5	245.3	253.4	259.8	264.3	267.1	268.0	267.1	264.3	259.8	253.4
-31.25°	188.5	197.9	205.6	211.7	216.0	218.6	219.5	218.6	216.0	211.7	205.6
-32.5°	153.3	158.7	163.1	166.5	169.0	170.5	171.0	170.5	169.0	166.5	163.1
-33.75°	125.1	130.3	134.5	137.8	140.1	141.5	142.0	141.5	140.1	137.8	134.5
-35°	101.9	105.3	108.0	110.2	111.8	112.7	113.0	112.7	111.8	110.2	108.0
-36.25°	82.4	85.6	88.3	90.3	91.8	92.7	93.0	92.7	91.8	90.3	88.3
-37.5°	66.7	68.6	70.2	71.4	72.3	72.8	73.0	72.8	72.3	71.4	70.2
-38.75°	54.4	56.3	57.8	59.0	59.8	60.3	60.5	60.3	59.8	59.0	57.8
-40°	44.5	45.6	46.4	47.1	47.6	47.9	48.0	47.9	47.6	47.1	46.4
-41.25°	37.2	38.2	39.0	39.7	40.1	40.4	40.5	40.4	40.1	39.7	39.0
-42.5°	30.9	31.5	32.1	32.5	32.8	32.9	33.0	32.9	32.8	32.5	32.1
-43.75°	26.0	26.6	27.1	27.5	27.8	27.9	28.0	27.9	27.8	27.5	27.1
-45°	21.8	22.2	22.5	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.5
-46.25°	18.9	19.2	19.5	19.7	19.9	20.0	20.0	20.0	19.9	19.7	19.5
-47.5°	16.5	16.6	16.8	16.9	16.9	17.0	17.0	17.0	16.9	16.9	16.8
-48.75°	15.0	15.1	15.3	15.4	15.4	15.5	15.5	15.5	15.4	15.4	15.3
-50°	13.7	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
-51.25°	12.7	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9
-52.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-53.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-55°	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
-56.25°	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.4
-57.5°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
-58.75°	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.4
-60°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
-61.25°	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
-62.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-63.75°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
-65°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-66.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-67.5°	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-68.75°	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
-70°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-71.25°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-73.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-75°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-76.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-77.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-80°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-81.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
85°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
83.75°	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
81.25°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
80°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
78.75°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
77.5°	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7
76.25°	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2
75°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
73.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
71.25°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1
70°	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6
68.75°	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0
67.5°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
66.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
65°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
63.75°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0
62.5°	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4
61.25°	9.4	9.4	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8
60°	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.3
58.75°	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0	9.9	9.9	9.8
57.5°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2
56.25°	11.4	11.4	11.3	11.3	11.2	11.1	11.1	11.0	10.9	10.8	10.7
55°	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.5	11.4	11.3	11.2
53.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.7	11.6
52.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
51.25°	12.8	12.7	12.6	12.4	12.3	12.1	12.0	12.0	12.0	12.0	12.0
50°	13.8	13.7	13.6	13.4	13.3	13.1	12.9	12.7	12.5	12.2	12.0
48.75°	15.1	15.0	14.8	14.6	14.3	14.1	13.9	13.6	13.4	13.2	12.9
47.5°	16.6	16.5	16.3	16.0	15.8	15.5	15.2	14.9	14.5	14.1	13.8
46.25°	19.2	18.9	18.5	18.0	17.5	17.0	16.6	16.3	15.9	15.5	15.1
45°	22.2	21.8	21.4	20.9	20.4	19.8	19.1	18.4	17.6	16.9	16.4
43.75°	26.6	26.0	25.2	24.4	23.4	22.6	21.9	21.2	20.4	19.5	18.6
42.5°	31.5	30.9	30.1	29.2	28.2	27.2	25.9	24.6	23.2	22.2	21.3
41.25°	38.2	37.2	36.0	34.6	33.1	31.9	30.6	29.3	27.8	26.2	24.6
40°	45.6	44.5	43.3	41.8	40.2	38.4	36.5	34.4	32.4	30.7	29.0
38.75°	56.3	54.4	52.3	49.8	47.4	45.5	43.5	41.3	38.9	36.3	33.6
37.5°	68.6	66.7	64.4	61.8	58.9	55.6	52.1	48.2	45.7	43.0	40.2
36.25°	85.6	82.4	78.6	74.3	70.7	67.4	63.7	59.7	55.4	50.7	46.7
35°	105.3	101.9	97.9	93.4	88.3	82.7	76.5	71.0	66.5	61.7	56.7



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	130.3	125.1	119.1	112.5	107.2	101.3	94.9	87.9	80.4	72.7	67.4
32.5°	158.7	153.3	147.1	139.9	131.8	122.9	113.2	105.8	98.1	89.8	81.0
31.25°	197.9	188.5	177.5	167.4	158.9	149.6	139.5	128.5	116.7	106.9	97.8
30°	245.3	235.5	223.9	210.8	196.0	179.7	165.6	154.2	141.9	128.9	115.1
28.75°	301.0	287.2	271.0	256.4	241.0	223.9	205.4	185.4	166.8	153.3	139.0
27.5°	375.4	357.2	335.9	313.3	291.7	267.8	248.4	227.6	205.3	181.7	162.5
26.25°	462.5	440.6	415.9	387.6	358.9	327.6	298.9	269.7	246.0	221.4	195.6
25°	560.6	535.5	506.1	472.7	437.9	401.6	364.4	326.2	292.5	260.6	233.7
23.75°	661.7	633.0	601.0	565.8	526.7	483.8	439.6	395.4	351.9	309.8	272.2
22.5°	767.2	736.8	701.4	661.4	617.0	572.0	523.3	471.3	420.6	370.6	321.8
21.25°	876.1	840.3	802.6	760.3	713.4	662.2	607.9	553.5	495.8	437.7	381.8
20°	992.6	954.5	910.4	860.6	808.8	754.9	697.0	635.3	573.8	510.7	446.3
18.75°	1111.0	1067.9	1021.1	968.3	910.1	846.9	785.1	720.4	652.4	584.1	515.7
17.5°	1237.2	1189.7	1135.1	1074.4	1012.8	946.2	874.9	803.4	732.3	658.1	584.1
16.25°	1362.9	1311.7	1253.2	1188.0	1116.5	1043.1	968.2	889.1	809.6	732.3	652.4
15°	1485.7	1432.1	1370.0	1299.9	1224.1	1142.6	1058.5	975.6	889.1	803.4	720.4
13.75°	1601.1	1546.2	1482.5	1409.8	1328.7	1242.4	1151.4	1058.5	968.2	874.9	785.1
12.5°	1701.7	1649.4	1587.2	1513.2	1429.5	1338.4	1242.4	1142.6	1043.1	946.2	846.9
11.25°	1788.5	1738.5	1678.6	1608.1	1523.2	1429.5	1328.7	1224.1	1116.5	1012.8	910.1
10°	1862.4	1814.6	1757.3	1688.6	1608.1	1513.2	1409.8	1299.9	1188.0	1074.4	968.3
8.75°	1927.4	1879.7	1823.5	1757.3	1678.6	1587.2	1482.5	1370.0	1253.2	1135.1	1021.1
7.5°	1984.2	1936.1	1879.7	1814.6	1738.5	1649.4	1546.2	1432.1	1311.7	1189.7	1067.9
6.25°	2032.3	1984.2	1927.4	1862.4	1788.5	1701.7	1601.1	1485.7	1362.9	1237.2	1111.0
5°	2073.1	2023.7	1967.0	1901.2	1827.1	1742.2	1643.3	1529.7	1405.9	1276.9	1148.1
3.75°	2100.9	2054.4	1996.8	1931.3	1857.5	1774.7	1676.4	1563.9	1439.1	1308.4	1177.4
2.5°	2118.8	2076.8	2018.8	1953.0	1878.7	1795.9	1700.3	1588.8	1463.2	1331.4	1198.6
1.25°	2127.7	2088.5	2031.9	1966.5	1891.6	1808.7	1713.6	1603.9	1477.8	1345.3	1211.5
0°	2130.8	2092.5	2036.3	1971.0	1896.0	1813.0	1718.0	1609.0	1482.8	1350.0	1215.8
-1.25°	2127.7	2088.5	2031.9	1966.5	1891.6	1808.7	1713.6	1603.9	1477.8	1345.3	1211.5
-2.5°	2118.8	2076.8	2018.8	1953.0	1878.7	1795.9	1700.3	1588.8	1463.2	1331.4	1198.6
-3.75°	2100.9	2054.4	1996.8	1931.3	1857.5	1774.7	1676.4	1563.9	1439.1	1308.4	1177.4
-5°	2073.1	2023.7	1967.0	1901.2	1827.1	1742.2	1643.3	1529.7	1405.9	1276.9	1148.1
-6.25°	2032.3	1984.2	1927.4	1862.4	1788.5	1701.7	1601.1	1485.7	1362.9	1237.2	1111.0
-7.5°	1984.2	1936.1	1879.7	1814.6	1738.5	1649.4	1546.2	1432.1	1311.7	1189.7	1067.9
-8.75°	1927.4	1879.7	1823.5	1757.3	1678.6	1587.2	1482.5	1370.0	1253.2	1135.1	1021.1
-10°	1862.4	1814.6	1757.3	1688.6	1608.1	1513.2	1409.8	1299.9	1188.0	1074.4	968.3
-11.25°	1788.5	1738.5	1678.6	1608.1	1523.2	1429.5	1328.7	1224.1	1116.5	1012.8	910.1
-12.5°	1701.7	1649.4	1587.2	1513.2	1429.5	1338.4	1242.4	1142.6	1043.1	946.2	846.9
-13.75°	1601.1	1546.2	1482.5	1409.8	1328.7	1242.4	1151.4	1058.5	968.2	874.9	785.1
-15°	1485.7	1432.1	1370.0	1299.9	1224.1	1142.6	1058.5	975.6	889.1	803.4	720.4
-16.25°	1362.9	1311.7	1253.2	1188.0	1116.5	1043.1	968.2	889.1	809.6	732.3	652.4
-17.5°	1237.2	1189.7	1135.1	1074.4	1012.8	946.2	874.9	803.4	732.3	658.1	584.1
-18.75°	1111.0	1067.9	1021.1	968.3	910.1	846.9	785.1	720.4	652.4	584.1	515.7
-20°	992.6	954.5	910.4	860.6	808.8	754.9	697.0	635.3	573.8	510.7	446.3
-21.25°	876.1	840.3	802.6	760.3	713.4	662.2	607.9	553.5	495.8	437.7	381.8



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	767.2	736.8	701.4	661.4	617.0	572.0	523.3	471.3	420.6	370.6	321.8
-23.75°	661.7	633.0	601.0	565.8	526.7	483.8	439.6	395.4	351.9	309.8	272.2
-25°	560.6	535.5	506.1	472.7	437.9	401.6	364.4	326.2	292.5	260.6	233.7
-26.25°	462.5	440.6	415.9	387.6	358.9	327.6	298.9	269.7	246.0	221.4	195.6
-27.5°	375.4	357.2	335.9	313.3	291.7	267.8	248.4	227.6	205.3	181.7	162.5
-28.75°	301.0	287.2	271.0	256.4	241.0	223.9	205.4	185.4	166.8	153.3	139.0
-30°	245.3	235.5	223.9	210.8	196.0	179.7	165.6	154.2	141.9	128.9	115.1
-31.25°	197.9	188.5	177.5	167.4	158.9	149.6	139.5	128.5	116.7	106.9	97.8
-32.5°	158.7	153.3	147.1	139.9	131.8	122.9	113.2	105.8	98.1	89.8	81.0
-33.75°	130.3	125.1	119.1	112.5	107.2	101.3	94.9	87.9	80.4	72.7	67.4
-35°	105.3	101.9	97.9	93.4	88.3	82.7	76.5	71.0	66.5	61.7	56.7
-36.25°	85.6	82.4	78.6	74.3	70.7	67.4	63.7	59.7	55.4	50.7	46.7
-37.5°	68.6	66.7	64.4	61.8	58.9	55.6	52.1	48.2	45.7	43.0	40.2
-38.75°	56.3	54.4	52.3	49.8	47.4	45.5	43.5	41.3	38.9	36.3	33.6
-40°	45.6	44.5	43.3	41.8	40.2	38.4	36.5	34.4	32.4	30.7	29.0
-41.25°	38.2	37.2	36.0	34.6	33.1	31.9	30.6	29.3	27.8	26.2	24.6
-42.5°	31.5	30.9	30.1	29.2	28.2	27.2	25.9	24.6	23.2	22.2	21.3
-43.75°	26.6	26.0	25.2	24.4	23.4	22.6	21.9	21.2	20.4	19.5	18.6
-45°	22.2	21.8	21.4	20.9	20.4	19.8	19.1	18.4	17.6	16.9	16.4
-46.25°	19.2	18.9	18.5	18.0	17.5	17.0	16.6	16.3	15.9	15.5	15.1
-47.5°	16.6	16.5	16.3	16.0	15.8	15.5	15.2	14.9	14.5	14.1	13.8
-48.75°	15.1	15.0	14.8	14.6	14.3	14.1	13.9	13.6	13.4	13.2	12.9
-50°	13.8	13.7	13.6	13.4	13.3	13.1	12.9	12.7	12.5	12.2	12.0
-51.25°	12.8	12.7	12.6	12.4	12.3	12.1	12.0	12.0	12.0	12.0	12.0
-52.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-53.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.7	11.6
-55°	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.5	11.4	11.3	11.2
-56.25°	11.4	11.4	11.3	11.3	11.2	11.1	11.1	11.0	10.9	10.8	10.7
-57.5°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2
-58.75°	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0	9.9	9.9	9.8
-60°	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.3
-61.25°	9.4	9.4	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8
-62.5°	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4
-63.75°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0
-65°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-66.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-67.5°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
-68.75°	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0
-70°	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6
-71.25°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1
-72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-73.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-75°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
-76.25°	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2
-77.5°	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7



REPORT NUMBER: P29411 (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°
-78.75°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
-80°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
-81.25°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
-82.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-83.75°	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4
-85°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
85°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
83.75°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1
82.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
81.25°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9
80°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
78.75°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8
77.5°	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2
76.25°	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.6
75°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0
73.75°	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.5
72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9
71.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
70°	6.5	6.4	6.4	6.3	6.2	6.1	6.1	6.0	6.0	6.0	6.0
68.75°	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1
67.5°	7.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5
66.25°	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	6.9
65°	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4
63.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8
62.5°	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
61.25°	8.7	8.7	8.6	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0
60°	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.3	8.1	8.0
58.75°	9.7	9.6	9.5	9.3	9.2	9.1	9.0	8.8	8.7	8.5	8.4
57.5°	10.1	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.8
56.25°	10.6	10.5	10.4	10.2	10.1	10.0	9.8	9.7	9.5	9.3	9.2
55°	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.7	9.6
53.75°	11.5	11.4	11.2	11.1	11.0	10.8	10.7	10.5	10.3	10.1	10.0
52.5°	12.0	11.8	11.7	11.5	11.4	11.2	11.1	10.9	10.7	10.5	10.4
51.25°	12.0	12.0	12.0	12.0	11.8	11.7	11.5	11.3	11.1	10.9	10.7
50°	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.7	11.5	11.3	11.1
48.75°	12.6	12.3	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.7	11.5
47.5°	13.5	13.2	12.9	12.6	12.2	12.0	12.0	12.0	12.0	12.0	11.9
46.25°	14.6	14.2	13.8	13.4	13.0	12.7	12.3	12.0	12.0	12.0	12.0
45°	16.0	15.5	14.9	14.4	13.9	13.5	13.1	12.6	12.2	12.0	12.0
43.75°	17.6	16.8	16.2	15.7	15.1	14.5	13.9	13.4	13.0	12.5	12.0
42.5°	20.2	19.2	18.0	16.9	16.3	15.7	15.0	14.3	13.7	13.3	12.8
41.25°	22.9	21.8	20.6	19.4	18.1	16.9	16.2	15.5	14.8	14.0	13.5
40°	27.2	25.2	23.2	21.9	20.5	19.2	17.7	16.6	15.9	15.1	14.3
38.75°	31.5	29.5	27.4	25.2	22.9	21.5	20.0	18.5	17.0	16.2	15.4
37.5°	37.2	34.1	31.5	29.3	26.9	24.4	22.3	20.8	19.2	17.5	16.4
36.25°	43.6	40.4	37.0	33.4	30.8	28.3	25.7	23.0	21.3	19.6	17.9
35°	51.3	46.6	43.1	39.4	35.6	32.1	29.4	26.6	23.7	21.7	19.9



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	61.8	56.0	49.9	45.3	41.4	37.3	33.1	30.2	27.2	24.2	21.9
32.5°	72.2	66.2	59.9	53.3	47.1	42.9	38.6	34.1	30.7	27.6	24.4
31.25°	88.2	78.2	69.7	62.9	55.9	48.6	43.9	39.3	34.6	30.8	27.6
30°	104.5	94.1	83.2	72.4	65.1	57.6	49.9	44.4	39.5	34.6	30.7
28.75°	124.0	109.8	98.5	86.9	74.9	66.4	58.5	50.3	44.4	39.3	34.1
27.5°	146.9	130.7	113.8	101.5	89.1	76.3	66.9	58.5	49.9	43.9	38.6
26.25°	169.5	152.6	135.2	117.1	103.0	89.8	76.3	66.4	57.6	48.6	42.9
25°	205.6	176.4	156.1	137.4	118.2	103.0	89.1	74.9	65.1	55.9	47.1
23.75°	242.0	211.7	180.3	157.3	137.4	117.1	101.5	86.9	72.4	62.9	53.3
22.5°	280.8	246.1	213.7	180.3	156.1	135.2	113.8	98.5	83.2	69.7	59.9
21.25°	329.1	283.6	246.1	211.7	176.4	152.6	130.7	109.8	94.1	78.2	66.2
20°	385.7	329.1	280.8	242.0	205.6	169.5	146.9	124.0	104.5	88.2	72.2
18.75°	446.3	381.8	321.8	272.2	233.7	195.6	162.5	139.0	115.1	97.8	81.0
17.5°	510.7	437.7	370.6	309.8	260.6	221.4	181.7	153.3	128.9	106.9	89.8
16.25°	573.8	495.8	420.6	351.9	292.5	246.0	205.3	166.8	141.9	116.7	98.1
15°	635.3	553.5	471.3	395.4	326.2	269.7	227.6	185.4	154.2	128.5	105.8
13.75°	697.0	607.9	523.3	439.6	364.4	298.9	248.4	205.4	165.6	139.5	113.2
12.5°	754.9	662.2	572.0	483.8	401.6	327.6	267.8	223.9	179.7	149.6	122.9
11.25°	808.8	713.4	617.0	526.7	437.9	358.9	291.7	241.0	196.0	158.9	131.8
10°	860.6	760.3	661.4	565.8	472.7	387.6	313.3	256.4	210.8	167.4	139.9
8.75°	910.4	802.6	701.4	601.0	506.1	415.9	335.9	271.0	223.9	177.5	147.1
7.5°	954.5	840.3	736.8	633.0	535.5	440.6	357.2	287.2	235.5	188.5	153.3
6.25°	992.6	876.1	767.2	661.7	560.6	462.5	375.4	301.0	245.3	197.9	158.7
5°	1024.4	906.0	792.4	685.5	581.5	482.2	391.1	312.5	253.4	205.6	163.1
3.75°	1049.4	929.4	812.2	704.2	597.8	497.7	404.1	321.8	259.8	211.7	166.5
2.5°	1067.4	946.4	826.5	717.7	609.5	508.8	413.5	329.8	264.3	216.0	169.0
1.25°	1078.3	956.6	835.1	725.8	616.6	515.5	419.1	334.6	267.1	218.6	170.5
0°	1082.0	960.0	838.0	728.5	619.0	517.8	421.0	336.3	268.0	219.5	171.0
-1.25°	1078.3	956.6	835.1	725.8	616.6	515.5	419.1	334.6	267.1	218.6	170.5
-2.5°	1067.4	946.4	826.5	717.7	609.5	508.8	413.5	329.8	264.3	216.0	169.0
-3.75°	1049.4	929.4	812.2	704.2	597.8	497.7	404.1	321.8	259.8	211.7	166.5
-5°	1024.4	906.0	792.4	685.5	581.5	482.2	391.1	312.5	253.4	205.6	163.1
-6.25°	992.6	876.1	767.2	661.7	560.6	462.5	375.4	301.0	245.3	197.9	158.7
-7.5°	954.5	840.3	736.8	633.0	535.5	440.6	357.2	287.2	235.5	188.5	153.3
-8.75°	910.4	802.6	701.4	601.0	506.1	415.9	335.9	271.0	223.9	177.5	147.1
-10°	860.6	760.3	661.4	565.8	472.7	387.6	313.3	256.4	210.8	167.4	139.9
-11.25°	808.8	713.4	617.0	526.7	437.9	358.9	291.7	241.0	196.0	158.9	131.8
-12.5°	754.9	662.2	572.0	483.8	401.6	327.6	267.8	223.9	179.7	149.6	122.9
-13.75°	697.0	607.9	523.3	439.6	364.4	298.9	248.4	205.4	165.6	139.5	113.2
-15°	635.3	553.5	471.3	395.4	326.2	269.7	227.6	185.4	154.2	128.5	105.8
-16.25°	573.8	495.8	420.6	351.9	292.5	246.0	205.3	166.8	141.9	116.7	98.1
-17.5°	510.7	437.7	370.6	309.8	260.6	221.4	181.7	153.3	128.9	106.9	89.8
-18.75°	446.3	381.8	321.8	272.2	233.7	195.6	162.5	139.0	115.1	97.8	81.0
-20°	385.7	329.1	280.8	242.0	205.6	169.5	146.9	124.0	104.5	88.2	72.2
-21.25°	329.1	283.6	246.1	211.7	176.4	152.6	130.7	109.8	94.1	78.2	66.2





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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	280.8	246.1	213.7	180.3	156.1	135.2	113.8	98.5	83.2	69.7	59.9
-23.75°	242.0	211.7	180.3	157.3	137.4	117.1	101.5	86.9	72.4	62.9	53.3
-25°	205.6	176.4	156.1	137.4	118.2	103.0	89.1	74.9	65.1	55.9	47.1
-26.25°	169.5	152.6	135.2	117.1	103.0	89.8	76.3	66.4	57.6	48.6	42.9
-27.5°	146.9	130.7	113.8	101.5	89.1	76.3	66.9	58.5	49.9	43.9	38.6
-28.75°	124.0	109.8	98.5	86.9	74.9	66.4	58.5	50.3	44.4	39.3	34.1
-30°	104.5	94.1	83.2	72.4	65.1	57.6	49.9	44.4	39.5	34.6	30.7
-31.25°	88.2	78.2	69.7	62.9	55.9	48.6	43.9	39.3	34.6	30.8	27.6
-32.5°	72.2	66.2	59.9	53.3	47.1	42.9	38.6	34.1	30.7	27.6	24.4
-33.75°	61.8	56.0	49.9	45.3	41.4	37.3	33.1	30.2	27.2	24.2	21.9
-35°	51.3	46.6	43.1	39.4	35.6	32.1	29.4	26.6	23.7	21.7	19.9
-36.25°	43.6	40.4	37.0	33.4	30.8	28.3	25.7	23.0	21.3	19.6	17.9
-37.5°	37.2	34.1	31.5	29.3	26.9	24.4	22.3	20.8	19.2	17.5	16.4
-38.75°	31.5	29.5	27.4	25.2	22.9	21.5	20.0	18.5	17.0	16.2	15.4
-40°	27.2	25.2	23.2	21.9	20.5	19.2	17.7	16.6	15.9	15.1	14.3
-41.25°	22.9	21.8	20.6	19.4	18.1	16.9	16.2	15.5	14.8	14.0	13.5
-42.5°	20.2	19.2	18.0	16.9	16.3	15.7	15.0	14.3	13.7	13.3	12.8
-43.75°	17.6	16.8	16.2	15.7	15.1	14.5	13.9	13.4	13.0	12.5	12.0
-45°	16.0	15.5	14.9	14.4	13.9	13.5	13.1	12.6	12.2	12.0	12.0
-46.25°	14.6	14.2	13.8	13.4	13.0	12.7	12.3	12.0	12.0	12.0	12.0
-47.5°	13.5	13.2	12.9	12.6	12.2	12.0	12.0	12.0	12.0	12.0	11.9
-48.75°	12.6	12.3	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.7	11.5
-50°	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.7	11.5	11.3	11.1
-51.25°	12.0	12.0	12.0	12.0	11.8	11.7	11.5	11.3	11.1	10.9	10.7
-52.5°	12.0	11.8	11.7	11.5	11.4	11.2	11.1	10.9	10.7	10.5	10.4
-53.75°	11.5	11.4	11.2	11.1	11.0	10.8	10.7	10.5	10.3	10.1	10.0
-55°	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.7	9.6
-56.25°	10.6	10.5	10.4	10.2	10.1	10.0	9.8	9.7	9.5	9.3	9.2
-57.5°	10.1	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.8
-58.75°	9.7	9.6	9.5	9.3	9.2	9.1	9.0	8.8	8.7	8.5	8.4
-60°	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.3	8.1	8.0
-61.25°	8.7	8.7	8.6	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0
-62.5°	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-63.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8
-65°	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4
-66.25°	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	6.9
-67.5°	7.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5
-68.75°	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1
-70°	6.5	6.4	6.4	6.3	6.2	6.1	6.1	6.0	6.0	6.0	6.0
-71.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-72.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9
-73.75°	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.5
-75°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0
-76.25°	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.6
-77.5°	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8
-80°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
-81.25°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9
-82.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
-83.75°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1
-85°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-86.25°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
85°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
83.75°	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
82.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
81.25°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
80°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
78.75°	3.7	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1
77.5°	4.1	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.4
76.25°	4.6	4.5	4.4	4.3	4.3	4.2	4.1	4.0	4.0	3.9	3.8
75°	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1
73.75°	5.4	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5
72.5°	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
71.25°	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.1
70°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.7	5.6	5.5
68.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8
67.5°	6.4	6.3	6.2	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0
66.25°	6.8	6.7	6.6	6.5	6.3	6.2	6.1	6.0	6.0	6.0	6.0
65°	7.2	7.1	7.0	6.8	6.7	6.6	6.4	6.3	6.1	6.0	6.0
63.75°	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.1
62.5°	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.6	6.4
61.25°	8.0	8.0	8.0	8.0	7.8	7.6	7.5	7.3	7.1	7.0	6.8
60°	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.7	7.5	7.3	7.1
58.75°	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.6	7.4
57.5°	8.6	8.4	8.3	8.1	8.0	8.0	8.0	8.0	8.0	7.9	7.7
56.25°	9.0	8.8	8.6	8.5	8.3	8.1	8.0	8.0	8.0	8.0	8.0
55°	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	8.0	8.0	8.0
53.75°	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.3	8.1	8.0	8.0
52.5°	10.2	10.0	9.8	9.6	9.3	9.1	8.9	8.7	8.4	8.2	8.0
51.25°	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.8	8.5	8.3
50°	10.9	10.7	10.5	10.3	10.0	9.8	9.6	9.3	9.1	8.8	8.6
48.75°	11.3	11.1	10.8	10.6	10.4	10.1	9.9	9.6	9.4	9.1	8.9
47.5°	11.7	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.7	9.4	9.1
46.25°	12.0	11.8	11.6	11.3	11.1	10.8	10.5	10.3	10.0	9.7	9.4
45°	12.0	12.0	11.9	11.6	11.4	11.1	10.8	10.6	10.3	10.0	9.7
43.75°	12.0	12.0	12.0	12.0	11.7	11.4	11.2	10.9	10.6	10.3	10.0
42.5°	12.2	12.0	12.0	12.0	12.0	11.8	11.5	11.2	10.9	10.6	10.3
41.25°	13.0	12.4	12.0	12.0	12.0	12.0	11.8	11.5	11.2	10.8	10.5
40°	13.7	13.1	12.5	12.0	12.0	12.0	12.0	11.8	11.4	11.1	10.8
38.75°	14.5	13.8	13.2	12.6	12.0	12.0	12.0	12.0	11.7	11.4	11.1
37.5°	15.5	14.6	13.8	13.2	12.6	12.0	12.0	12.0	12.0	11.6	11.3
36.25°	16.5	15.6	14.7	13.8	13.2	12.5	12.0	12.0	12.0	11.9	11.6
35°	18.0	16.6	15.6	14.6	13.8	13.1	12.4	12.0	12.0	12.0	11.8



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	20.0	18.0	16.5	15.5	14.5	13.7	13.0	12.2	12.0	12.0	12.0
32.5°	21.9	19.9	17.9	16.4	15.4	14.3	13.5	12.8	12.0	12.0	12.0
31.25°	24.2	21.7	19.6	17.5	16.2	15.1	14.0	13.3	12.5	12.0	12.0
30°	27.2	23.7	21.3	19.2	17.0	15.9	14.8	13.7	13.0	12.2	12.0
28.75°	30.2	26.6	23.0	20.8	18.5	16.6	15.5	14.3	13.4	12.6	12.0
27.5°	33.1	29.4	25.7	22.3	20.0	17.7	16.2	15.0	13.9	13.1	12.3
26.25°	37.3	32.1	28.3	24.4	21.5	19.2	16.9	15.7	14.5	13.5	12.7
25°	41.4	35.6	30.8	26.9	22.9	20.5	18.1	16.3	15.1	13.9	13.0
23.75°	45.3	39.4	33.4	29.3	25.2	21.9	19.4	16.9	15.7	14.4	13.4
22.5°	49.9	43.1	37.0	31.5	27.4	23.2	20.6	18.0	16.2	14.9	13.8
21.25°	56.0	46.6	40.4	34.1	29.5	25.2	21.8	19.2	16.8	15.5	14.2
20°	61.8	51.3	43.6	37.2	31.5	27.2	22.9	20.2	17.6	16.0	14.6
18.75°	67.4	56.7	46.7	40.2	33.6	29.0	24.6	21.3	18.6	16.4	15.1
17.5°	72.7	61.7	50.7	43.0	36.3	30.7	26.2	22.2	19.5	16.9	15.5
16.25°	80.4	66.5	55.4	45.7	38.9	32.4	27.8	23.2	20.4	17.6	15.9
15°	87.9	71.0	59.7	48.2	41.3	34.4	29.3	24.6	21.2	18.4	16.3
13.75°	94.9	76.5	63.7	52.1	43.5	36.5	30.6	25.9	21.9	19.1	16.6
12.5°	101.3	82.7	67.4	55.6	45.5	38.4	31.9	27.2	22.6	19.8	17.0
11.25°	107.2	88.3	70.7	58.9	47.4	40.2	33.1	28.2	23.4	20.4	17.5
10°	112.5	93.4	74.3	61.8	49.8	41.8	34.6	29.2	24.4	20.9	18.0
8.75°	119.1	97.9	78.6	64.4	52.3	43.3	36.0	30.1	25.2	21.4	18.5
7.5°	125.1	101.9	82.4	66.7	54.4	44.5	37.2	30.9	26.0	21.8	18.9
6.25°	130.3	105.3	85.6	68.6	56.3	45.6	38.2	31.5	26.6	22.2	19.2
5°	134.5	108.0	88.3	70.2	57.8	46.4	39.0	32.1	27.1	22.5	19.5
3.75°	137.8	110.2	90.3	71.4	59.0	47.1	39.7	32.5	27.5	22.7	19.7
2.5°	140.1	111.8	91.8	72.3	59.8	47.6	40.1	32.8	27.8	22.9	19.9
1.25°	141.5	112.7	92.7	72.8	60.3	47.9	40.4	32.9	27.9	23.0	20.0
0°	142.0	113.0	93.0	73.0	60.5	48.0	40.5	33.0	28.0	23.0	20.0
-1.25°	141.5	112.7	92.7	72.8	60.3	47.9	40.4	32.9	27.9	23.0	20.0
-2.5°	140.1	111.8	91.8	72.3	59.8	47.6	40.1	32.8	27.8	22.9	19.9
-3.75°	137.8	110.2	90.3	71.4	59.0	47.1	39.7	32.5	27.5	22.7	19.7
-5°	134.5	108.0	88.3	70.2	57.8	46.4	39.0	32.1	27.1	22.5	19.5
-6.25°	130.3	105.3	85.6	68.6	56.3	45.6	38.2	31.5	26.6	22.2	19.2
-7.5°	125.1	101.9	82.4	66.7	54.4	44.5	37.2	30.9	26.0	21.8	18.9
-8.75°	119.1	97.9	78.6	64.4	52.3	43.3	36.0	30.1	25.2	21.4	18.5
-10°	112.5	93.4	74.3	61.8	49.8	41.8	34.6	29.2	24.4	20.9	18.0
-11.25°	107.2	88.3	70.7	58.9	47.4	40.2	33.1	28.2	23.4	20.4	17.5
-12.5°	101.3	82.7	67.4	55.6	45.5	38.4	31.9	27.2	22.6	19.8	17.0
-13.75°	94.9	76.5	63.7	52.1	43.5	36.5	30.6	25.9	21.9	19.1	16.6
-15°	87.9	71.0	59.7	48.2	41.3	34.4	29.3	24.6	21.2	18.4	16.3
-16.25°	80.4	66.5	55.4	45.7	38.9	32.4	27.8	23.2	20.4	17.6	15.9
-17.5°	72.7	61.7	50.7	43.0	36.3	30.7	26.2	22.2	19.5	16.9	15.5
-18.75°	67.4	56.7	46.7	40.2	33.6	29.0	24.6	21.3	18.6	16.4	15.1
-20°	61.8	51.3	43.6	37.2	31.5	27.2	22.9	20.2	17.6	16.0	14.6
-21.25°	56.0	46.6	40.4	34.1	29.5	25.2	21.8	19.2	16.8	15.5	14.2



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	49.9	43.1	37.0	31.5	27.4	23.2	20.6	18.0	16.2	14.9	13.8
-23.75°	45.3	39.4	33.4	29.3	25.2	21.9	19.4	16.9	15.7	14.4	13.4
-25°	41.4	35.6	30.8	26.9	22.9	20.5	18.1	16.3	15.1	13.9	13.0
-26.25°	37.3	32.1	28.3	24.4	21.5	19.2	16.9	15.7	14.5	13.5	12.7
-27.5°	33.1	29.4	25.7	22.3	20.0	17.7	16.2	15.0	13.9	13.1	12.3
-28.75°	30.2	26.6	23.0	20.8	18.5	16.6	15.5	14.3	13.4	12.6	12.0
-30°	27.2	23.7	21.3	19.2	17.0	15.9	14.8	13.7	13.0	12.2	12.0
-31.25°	24.2	21.7	19.6	17.5	16.2	15.1	14.0	13.3	12.5	12.0	12.0
-32.5°	21.9	19.9	17.9	16.4	15.4	14.3	13.5	12.8	12.0	12.0	12.0
-33.75°	20.0	18.0	16.5	15.5	14.5	13.7	13.0	12.2	12.0	12.0	12.0
-35°	18.0	16.6	15.6	14.6	13.8	13.1	12.4	12.0	12.0	12.0	11.8
-36.25°	16.5	15.6	14.7	13.8	13.2	12.5	12.0	12.0	12.0	11.9	11.6
-37.5°	15.5	14.6	13.8	13.2	12.6	12.0	12.0	12.0	12.0	11.6	11.3
-38.75°	14.5	13.8	13.2	12.6	12.0	12.0	12.0	12.0	11.7	11.4	11.1
-40°	13.7	13.1	12.5	12.0	12.0	12.0	12.0	11.8	11.4	11.1	10.8
-41.25°	13.0	12.4	12.0	12.0	12.0	12.0	11.8	11.5	11.2	10.8	10.5
-42.5°	12.2	12.0	12.0	12.0	12.0	11.8	11.5	11.2	10.9	10.6	10.3
-43.75°	12.0	12.0	12.0	12.0	11.7	11.4	11.2	10.9	10.6	10.3	10.0
-45°	12.0	12.0	11.9	11.6	11.4	11.1	10.8	10.6	10.3	10.0	9.7
-46.25°	12.0	11.8	11.6	11.3	11.1	10.8	10.5	10.3	10.0	9.7	9.4
-47.5°	11.7	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.7	9.4	9.1
-48.75°	11.3	11.1	10.8	10.6	10.4	10.1	9.9	9.6	9.4	9.1	8.9
-50°	10.9	10.7	10.5	10.3	10.0	9.8	9.6	9.3	9.1	8.8	8.6
-51.25°	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.8	8.5	8.3
-52.5°	10.2	10.0	9.8	9.6	9.3	9.1	8.9	8.7	8.4	8.2	8.0
-53.75°	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.3	8.1	8.0	8.0
-55°	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	8.0	8.0	8.0
-56.25°	9.0	8.8	8.6	8.5	8.3	8.1	8.0	8.0	8.0	8.0	8.0
-57.5°	8.6	8.4	8.3	8.1	8.0	8.0	8.0	8.0	8.0	7.9	7.7
-58.75°	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.6	7.4
-60°	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.7	7.5	7.3	7.1
-61.25°	8.0	8.0	8.0	8.0	7.8	7.6	7.5	7.3	7.1	7.0	6.8
-62.5°	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.6	6.4
-63.75°	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.1
-65°	7.2	7.1	7.0	6.8	6.7	6.6	6.4	6.3	6.1	6.0	6.0
-66.25°	6.8	6.7	6.6	6.5	6.3	6.2	6.1	6.0	6.0	6.0	6.0
-67.5°	6.4	6.3	6.2	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-68.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8
-70°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.7	5.6	5.5
-71.25°	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.1
-72.5°	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
-73.75°	5.4	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5
-75°	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-76.25°	4.6	4.5	4.4	4.3	4.3	4.2	4.1	4.0	4.0	3.9	3.8
-77.5°	4.1	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.4



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	3.7	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1
-80°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
-81.25°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
-82.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
-83.75°	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
-85°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-86.25°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
83.75°	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
82.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
81.25°	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7
80°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
78.75°	3.0	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2
77.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5
76.25°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
75°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
73.75°	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2
72.5°	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5
71.25°	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7
70°	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9
68.75°	5.7	5.5	5.4	5.2	5.1	5.0	4.8	4.6	4.5	4.3	4.2
67.5°	6.0	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4
66.25°	6.0	6.0	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.8	4.6
65°	6.0	6.0	6.0	6.0	6.0	5.8	5.6	5.4	5.2	5.1	4.9
63.75°	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.7	5.5	5.3	5.1
62.5°	6.3	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.7	5.5	5.3
61.25°	6.6	6.4	6.2	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.6
60°	6.9	6.7	6.5	6.3	6.1	6.0	6.0	6.0	6.0	6.0	5.8
58.75°	7.2	7.0	6.8	6.6	6.4	6.1	6.0	6.0	6.0	6.0	6.0
57.5°	7.5	7.3	7.1	6.9	6.6	6.4	6.2	6.0	6.0	6.0	6.0
56.25°	7.8	7.6	7.4	7.1	6.9	6.7	6.4	6.2	6.0	6.0	6.0
55°	8.0	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.2	6.0	6.0
53.75°	8.0	8.0	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.1	6.0
52.5°	8.0	8.0	8.0	8.0	7.7	7.4	7.2	6.9	6.6	6.4	6.1
51.25°	8.0	8.0	8.0	8.0	8.0	7.7	7.4	7.1	6.9	6.6	6.3
50°	8.3	8.0	8.0	8.0	8.0	7.9	7.7	7.4	7.1	6.8	6.5
48.75°	8.6	8.3	8.0	8.0	8.0	8.0	7.9	7.6	7.3	7.0	6.7
47.5°	8.9	8.6	8.3	8.0	8.0	8.0	8.0	7.8	7.5	7.2	6.9
46.25°	9.1	8.9	8.6	8.3	8.0	8.0	8.0	8.0	7.7	7.4	7.1
45°	9.4	9.1	8.8	8.5	8.2	8.0	8.0	8.0	7.9	7.6	7.3
43.75°	9.7	9.4	9.1	8.8	8.4	8.1	8.0	8.0	8.0	7.8	7.5
42.5°	9.9	9.6	9.3	9.0	8.7	8.3	8.0	8.0	8.0	8.0	7.7
41.25°	10.2	9.9	9.6	9.2	8.9	8.6	8.2	8.0	8.0	8.0	7.8
40°	10.5	10.1	9.8	9.5	9.1	8.8	8.4	8.1	8.0	8.0	8.0
38.75°	10.7	10.4	10.0	9.7	9.3	9.0	8.6	8.3	8.0	8.0	8.0
37.5°	11.0	10.6	10.3	9.9	9.6	9.2	8.8	8.5	8.1	8.0	8.0
36.25°	11.2	10.8	10.5	10.1	9.8	9.4	9.0	8.6	8.3	8.0	8.0
35°	11.4	11.1	10.7	10.3	10.0	9.6	9.2	8.8	8.4	8.1	8.0



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	11.7	11.3	10.9	10.5	10.2	9.8	9.4	9.0	8.6	8.2	8.0
32.5°	11.9	11.5	11.1	10.7	10.4	10.0	9.6	9.2	8.8	8.4	8.0
31.25°	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.3	8.9	8.5	8.1
30°	12.0	11.9	11.5	11.1	10.7	10.3	9.9	9.5	9.1	8.7	8.3
28.75°	12.0	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.2	8.8	8.4
27.5°	12.0	12.0	11.9	11.5	11.1	10.7	10.2	9.8	9.4	9.0	8.5
26.25°	12.0	12.0	12.0	11.7	11.2	10.8	10.4	10.0	9.5	9.1	8.7
25°	12.2	12.0	12.0	11.8	11.4	11.0	10.5	10.1	9.7	9.2	8.8
23.75°	12.6	12.0	12.0	12.0	11.5	11.1	10.7	10.2	9.8	9.3	8.9
22.5°	12.9	12.0	12.0	12.0	11.7	11.2	10.8	10.4	9.9	9.5	9.0
21.25°	13.2	12.3	12.0	12.0	11.8	11.4	10.9	10.5	10.0	9.6	9.1
20°	13.5	12.6	12.0	12.0	12.0	11.5	11.0	10.6	10.1	9.7	9.2
18.75°	13.8	12.9	12.0	12.0	12.0	11.6	11.2	10.7	10.2	9.8	9.3
17.5°	14.1	13.2	12.2	12.0	12.0	11.7	11.3	10.8	10.3	9.9	9.4
16.25°	14.5	13.4	12.5	12.0	12.0	11.8	11.4	10.9	10.4	9.9	9.5
15°	14.9	13.6	12.7	12.0	12.0	11.9	11.5	11.0	10.5	10.0	9.6
13.75°	15.2	13.9	12.9	12.0	12.0	12.0	11.5	11.1	10.6	10.1	9.6
12.5°	15.5	14.1	13.1	12.1	12.0	12.0	11.6	11.1	10.7	10.2	9.7
11.25°	15.8	14.3	13.3	12.3	12.0	12.0	11.7	11.2	10.7	10.2	9.7
10°	16.0	14.6	13.4	12.4	12.0	12.0	11.8	11.3	10.8	10.3	9.8
8.75°	16.3	14.8	13.6	12.6	12.0	12.0	11.8	11.3	10.8	10.3	9.8
7.5°	16.5	15.0	13.7	12.7	12.0	12.0	11.9	11.4	10.9	10.4	9.9
6.25°	16.6	15.1	13.8	12.8	12.0	12.0	11.9	11.4	10.9	10.4	9.9
5°	16.8	15.3	13.9	12.9	12.0	12.0	11.9	11.4	10.9	10.4	9.9
3.75°	16.9	15.4	13.9	12.9	12.0	12.0	12.0	11.5	11.0	10.5	10.0
2.5°	16.9	15.4	14.0	13.0	12.0	12.0	12.0	11.5	11.0	10.5	10.0
1.25°	17.0	15.5	14.0	13.0	12.0	12.0	12.0	11.5	11.0	10.5	10.0
0°	17.0	15.5	14.0	13.0	12.0	12.0	12.0	11.5	11.0	10.5	10.0
-1.25°	17.0	15.5	14.0	13.0	12.0	12.0	12.0	11.5	11.0	10.5	10.0
-2.5°	16.9	15.4	14.0	13.0	12.0	12.0	12.0	11.5	11.0	10.5	10.0
-3.75°	16.9	15.4	13.9	12.9	12.0	12.0	12.0	11.5	11.0	10.5	10.0
-5°	16.8	15.3	13.9	12.9	12.0	12.0	11.9	11.4	10.9	10.4	9.9
-6.25°	16.6	15.1	13.8	12.8	12.0	12.0	11.9	11.4	10.9	10.4	9.9
-7.5°	16.5	15.0	13.7	12.7	12.0	12.0	11.9	11.4	10.9	10.4	9.9
-8.75°	16.3	14.8	13.6	12.6	12.0	12.0	11.8	11.3	10.8	10.3	9.8
-10°	16.0	14.6	13.4	12.4	12.0	12.0	11.8	11.3	10.8	10.3	9.8
-11.25°	15.8	14.3	13.3	12.3	12.0	12.0	11.7	11.2	10.7	10.2	9.7
-12.5°	15.5	14.1	13.1	12.1	12.0	12.0	11.6	11.1	10.7	10.2	9.7
-13.75°	15.2	13.9	12.9	12.0	12.0	12.0	11.5	11.1	10.6	10.1	9.6
-15°	14.9	13.6	12.7	12.0	12.0	11.9	11.5	11.0	10.5	10.0	9.6
-16.25°	14.5	13.4	12.5	12.0	12.0	11.8	11.4	10.9	10.4	9.9	9.5
-17.5°	14.1	13.2	12.2	12.0	12.0	11.7	11.3	10.8	10.3	9.9	9.4
-18.75°	13.8	12.9	12.0	12.0	12.0	11.6	11.2	10.7	10.2	9.8	9.3
-20°	13.5	12.6	12.0	12.0	12.0	11.5	11.0	10.6	10.1	9.7	9.2
-21.25°	13.2	12.3	12.0	12.0	11.8	11.4	10.9	10.5	10.0	9.6	9.1





REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	12.9	12.0	12.0	12.0	11.7	11.2	10.8	10.4	9.9	9.5	9.0
-23.75°	12.6	12.0	12.0	12.0	11.5	11.1	10.7	10.2	9.8	9.3	8.9
-25°	12.2	12.0	12.0	11.8	11.4	11.0	10.5	10.1	9.7	9.2	8.8
-26.25°	12.0	12.0	12.0	11.7	11.2	10.8	10.4	10.0	9.5	9.1	8.7
-27.5°	12.0	12.0	11.9	11.5	11.1	10.7	10.2	9.8	9.4	9.0	8.5
-28.75°	12.0	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.2	8.8	8.4
-30°	12.0	11.9	11.5	11.1	10.7	10.3	9.9	9.5	9.1	8.7	8.3
-31.25°	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.3	8.9	8.5	8.1
-32.5°	11.9	11.5	11.1	10.7	10.4	10.0	9.6	9.2	8.8	8.4	8.0
-33.75°	11.7	11.3	10.9	10.5	10.2	9.8	9.4	9.0	8.6	8.2	8.0
-35°	11.4	11.1	10.7	10.3	10.0	9.6	9.2	8.8	8.4	8.1	8.0
-36.25°	11.2	10.8	10.5	10.1	9.8	9.4	9.0	8.6	8.3	8.0	8.0
-37.5°	11.0	10.6	10.3	9.9	9.6	9.2	8.8	8.5	8.1	8.0	8.0
-38.75°	10.7	10.4	10.0	9.7	9.3	9.0	8.6	8.3	8.0	8.0	8.0
-40°	10.5	10.1	9.8	9.5	9.1	8.8	8.4	8.1	8.0	8.0	8.0
-41.25°	10.2	9.9	9.6	9.2	8.9	8.6	8.2	8.0	8.0	8.0	7.8
-42.5°	9.9	9.6	9.3	9.0	8.7	8.3	8.0	8.0	8.0	8.0	7.7
-43.75°	9.7	9.4	9.1	8.8	8.4	8.1	8.0	8.0	8.0	7.8	7.5
-45°	9.4	9.1	8.8	8.5	8.2	8.0	8.0	8.0	7.9	7.6	7.3
-46.25°	9.1	8.9	8.6	8.3	8.0	8.0	8.0	8.0	7.7	7.4	7.1
-47.5°	8.9	8.6	8.3	8.0	8.0	8.0	8.0	7.8	7.5	7.2	6.9
-48.75°	8.6	8.3	8.0	8.0	8.0	8.0	7.9	7.6	7.3	7.0	6.7
-50°	8.3	8.0	8.0	8.0	8.0	7.9	7.7	7.4	7.1	6.8	6.5
-51.25°	8.0	8.0	8.0	8.0	8.0	7.7	7.4	7.1	6.9	6.6	6.3
-52.5°	8.0	8.0	8.0	8.0	7.7	7.4	7.2	6.9	6.6	6.4	6.1
-53.75°	8.0	8.0	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.1	6.0
-55°	8.0	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.2	6.0	6.0
-56.25°	7.8	7.6	7.4	7.1	6.9	6.7	6.4	6.2	6.0	6.0	6.0
-57.5°	7.5	7.3	7.1	6.9	6.6	6.4	6.2	6.0	6.0	6.0	6.0
-58.75°	7.2	7.0	6.8	6.6	6.4	6.1	6.0	6.0	6.0	6.0	6.0
-60°	6.9	6.7	6.5	6.3	6.1	6.0	6.0	6.0	6.0	6.0	5.8
-61.25°	6.6	6.4	6.2	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.6
-62.5°	6.3	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.7	5.5	5.3
-63.75°	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.7	5.5	5.3	5.1
-65°	6.0	6.0	6.0	6.0	6.0	5.8	5.6	5.4	5.2	5.1	4.9
-66.25°	6.0	6.0	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.8	4.6
-67.5°	6.0	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4
-68.75°	5.7	5.5	5.4	5.2	5.1	5.0	4.8	4.6	4.5	4.3	4.2
-70°	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9
-71.25°	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7
-72.5°	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5
-73.75°	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2
-75°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-76.25°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-77.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	3.0	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2
-80°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
-81.25°	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7
-82.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-83.75°	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
-85°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
82.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
81.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.0	1.0
80°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
78.75°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
77.5°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
76.25°	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5
75°	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
73.75°	3.1	3.0	2.8	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.8
72.5°	3.3	3.2	3.1	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9
71.25°	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1
70°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.4	2.2
68.75°	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.7	2.5	2.3
67.5°	4.2	4.1	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6	2.5
66.25°	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6
65°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
63.75°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8
62.5°	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.4	3.2	3.0
61.25°	5.4	5.1	4.9	4.7	4.5	4.2	4.0	3.8	3.6	3.3	3.1
60°	5.6	5.3	5.1	4.9	4.6	4.4	4.2	3.9	3.7	3.5	3.2
58.75°	5.8	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3
57.5°	6.0	5.7	5.5	5.2	5.0	4.7	4.5	4.2	4.0	3.7	3.5
56.25°	6.0	5.9	5.7	5.4	5.2	4.9	4.6	4.4	4.1	3.8	3.6
55°	6.0	6.0	5.9	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7
53.75°	6.0	6.0	6.0	5.8	5.5	5.2	5.0	4.7	4.4	4.1	3.8
52.5°	6.0	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9
51.25°	6.0	6.0	6.0	6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0
50°	6.2	6.0	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.5	4.1
48.75°	6.4	6.1	6.0	6.0	6.0	5.8	5.5	5.2	4.9	4.6	4.3
47.5°	6.6	6.3	6.0	6.0	6.0	6.0	5.7	5.3	5.0	4.7	4.4
46.25°	6.8	6.4	6.1	6.0	6.0	6.0	5.8	5.5	5.1	4.8	4.5
45°	7.0	6.6	6.3	6.0	6.0	6.0	5.9	5.6	5.3	4.9	4.6
43.75°	7.1	6.8	6.5	6.1	6.0	6.0	6.0	5.7	5.4	5.0	4.7
42.5°	7.3	7.0	6.6	6.3	6.0	6.0	6.0	5.8	5.5	5.1	4.8
41.25°	7.5	7.1	6.8	6.4	6.1	6.0	6.0	6.0	5.6	5.2	4.9
40°	7.6	7.3	6.9	6.6	6.2	6.0	6.0	6.0	5.7	5.3	5.0
38.75°	7.8	7.4	7.1	6.7	6.3	6.0	6.0	6.0	5.8	5.4	5.0
37.5°	8.0	7.6	7.2	6.8	6.5	6.1	6.0	6.0	5.9	5.5	5.1
36.25°	8.0	7.7	7.4	7.0	6.6	6.2	6.0	6.0	6.0	5.6	5.2
35°	8.0	7.9	7.5	7.1	6.7	6.3	6.0	6.0	6.0	5.7	5.3



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	8.0	8.0	7.6	7.2	6.8	6.4	6.0	6.0	6.0	5.8	5.4
32.5°	8.0	8.0	7.8	7.4	6.9	6.5	6.1	6.0	6.0	5.9	5.5
31.25°	8.0	8.0	7.9	7.5	7.1	6.6	6.2	6.0	6.0	6.0	5.5
30°	8.0	8.0	8.0	7.6	7.2	6.7	6.3	6.0	6.0	6.0	5.6
28.75°	8.0	8.0	8.0	7.7	7.3	6.8	6.4	6.0	6.0	6.0	5.7
27.5°	8.1	8.0	8.0	7.8	7.4	6.9	6.5	6.1	6.0	6.0	5.7
26.25°	8.2	8.0	8.0	7.9	7.5	7.0	6.6	6.1	6.0	6.0	5.8
25°	8.3	8.0	8.0	8.0	7.6	7.1	6.7	6.2	6.0	6.0	5.9
23.75°	8.4	8.0	8.0	8.0	7.7	7.2	6.7	6.3	6.0	6.0	5.9
22.5°	8.6	8.1	8.0	8.0	7.7	7.3	6.8	6.4	6.0	6.0	6.0
21.25°	8.7	8.2	8.0	8.0	7.8	7.4	6.9	6.4	6.0	6.0	6.0
20°	8.7	8.3	8.0	8.0	7.9	7.4	7.0	6.5	6.0	6.0	6.0
18.75°	8.8	8.4	8.0	8.0	8.0	7.5	7.0	6.6	6.1	6.0	6.0
17.5°	8.9	8.5	8.0	8.0	8.0	7.6	7.1	6.6	6.1	6.0	6.0
16.25°	9.0	8.5	8.1	8.0	8.0	7.6	7.1	6.7	6.2	6.0	6.0
15°	9.1	8.6	8.1	8.0	8.0	7.7	7.2	6.7	6.2	6.0	6.0
13.75°	9.1	8.7	8.2	8.0	8.0	7.7	7.2	6.8	6.3	6.0	6.0
12.5°	9.2	8.7	8.2	8.0	8.0	7.8	7.3	6.8	6.3	6.0	6.0
11.25°	9.3	8.8	8.3	8.0	8.0	7.8	7.3	6.8	6.4	6.0	6.0
10°	9.3	8.8	8.3	8.0	8.0	7.9	7.4	6.9	6.4	6.0	6.0
8.75°	9.4	8.9	8.4	8.0	8.0	7.9	7.4	6.9	6.4	6.0	6.0
7.5°	9.4	8.9	8.4	8.0	8.0	7.9	7.4	6.9	6.4	6.0	6.0
6.25°	9.4	8.9	8.4	8.0	8.0	7.9	7.4	7.0	6.5	6.0	6.0
5°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
3.75°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
2.5°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
1.25°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
0°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
-1.25°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
-2.5°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
-3.75°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
-5°	9.5	9.0	8.5	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0
-6.25°	9.4	8.9	8.4	8.0	8.0	7.9	7.4	7.0	6.5	6.0	6.0
-7.5°	9.4	8.9	8.4	8.0	8.0	7.9	7.4	6.9	6.4	6.0	6.0
-8.75°	9.4	8.9	8.4	8.0	8.0	7.9	7.4	6.9	6.4	6.0	6.0
-10°	9.3	8.8	8.3	8.0	8.0	7.9	7.4	6.9	6.4	6.0	6.0
-11.25°	9.3	8.8	8.3	8.0	8.0	7.8	7.3	6.8	6.4	6.0	6.0
-12.5°	9.2	8.7	8.2	8.0	8.0	7.8	7.3	6.8	6.3	6.0	6.0
-13.75°	9.1	8.7	8.2	8.0	8.0	7.7	7.2	6.8	6.3	6.0	6.0
-15°	9.1	8.6	8.1	8.0	8.0	7.7	7.2	6.7	6.2	6.0	6.0
-16.25°	9.0	8.5	8.1	8.0	8.0	7.6	7.1	6.7	6.2	6.0	6.0
-17.5°	8.9	8.5	8.0	8.0	8.0	7.6	7.1	6.6	6.1	6.0	6.0
-18.75°	8.8	8.4	8.0	8.0	8.0	7.5	7.0	6.6	6.1	6.0	6.0
-20°	8.7	8.3	8.0	8.0	7.9	7.4	7.0	6.5	6.0	6.0	6.0
-21.25°	8.7	8.2	8.0	8.0	7.8	7.4	6.9	6.4	6.0	6.0	6.0



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	8.6	8.1	8.0	8.0	7.7	7.3	6.8	6.4	6.0	6.0	6.0
-23.75°	8.4	8.0	8.0	8.0	7.7	7.2	6.7	6.3	6.0	6.0	5.9
-25°	8.3	8.0	8.0	8.0	7.6	7.1	6.7	6.2	6.0	6.0	5.9
-26.25°	8.2	8.0	8.0	7.9	7.5	7.0	6.6	6.1	6.0	6.0	5.8
-27.5°	8.1	8.0	8.0	7.8	7.4	6.9	6.5	6.1	6.0	6.0	5.7
-28.75°	8.0	8.0	8.0	7.7	7.3	6.8	6.4	6.0	6.0	6.0	5.7
-30°	8.0	8.0	8.0	7.6	7.2	6.7	6.3	6.0	6.0	6.0	5.6
-31.25°	8.0	8.0	7.9	7.5	7.1	6.6	6.2	6.0	6.0	6.0	5.5
-32.5°	8.0	8.0	7.8	7.4	6.9	6.5	6.1	6.0	6.0	5.9	5.5
-33.75°	8.0	8.0	7.6	7.2	6.8	6.4	6.0	6.0	6.0	5.8	5.4
-35°	8.0	7.9	7.5	7.1	6.7	6.3	6.0	6.0	6.0	5.7	5.3
-36.25°	8.0	7.7	7.4	7.0	6.6	6.2	6.0	6.0	6.0	5.6	5.2
-37.5°	8.0	7.6	7.2	6.8	6.5	6.1	6.0	6.0	5.9	5.5	5.1
-38.75°	7.8	7.4	7.1	6.7	6.3	6.0	6.0	6.0	5.8	5.4	5.0
-40°	7.6	7.3	6.9	6.6	6.2	6.0	6.0	6.0	5.7	5.3	5.0
-41.25°	7.5	7.1	6.8	6.4	6.1	6.0	6.0	6.0	5.6	5.2	4.9
-42.5°	7.3	7.0	6.6	6.3	6.0	6.0	6.0	5.8	5.5	5.1	4.8
-43.75°	7.1	6.8	6.5	6.1	6.0	6.0	6.0	5.7	5.4	5.0	4.7
-45°	7.0	6.6	6.3	6.0	6.0	6.0	5.9	5.6	5.3	4.9	4.6
-46.25°	6.8	6.4	6.1	6.0	6.0	6.0	5.8	5.5	5.1	4.8	4.5
-47.5°	6.6	6.3	6.0	6.0	6.0	6.0	5.7	5.3	5.0	4.7	4.4
-48.75°	6.4	6.1	6.0	6.0	6.0	5.8	5.5	5.2	4.9	4.6	4.3
-50°	6.2	6.0	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.5	4.1
-51.25°	6.0	6.0	6.0	6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0
-52.5°	6.0	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9
-53.75°	6.0	6.0	6.0	5.8	5.5	5.2	5.0	4.7	4.4	4.1	3.8
-55°	6.0	6.0	5.9	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7
-56.25°	6.0	5.9	5.7	5.4	5.2	4.9	4.6	4.4	4.1	3.8	3.6
-57.5°	6.0	5.7	5.5	5.2	5.0	4.7	4.5	4.2	4.0	3.7	3.5
-58.75°	5.8	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3
-60°	5.6	5.3	5.1	4.9	4.6	4.4	4.2	3.9	3.7	3.5	3.2
-61.25°	5.4	5.1	4.9	4.7	4.5	4.2	4.0	3.8	3.6	3.3	3.1
-62.5°	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.4	3.2	3.0
-63.75°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8
-65°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-66.25°	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6
-67.5°	4.2	4.1	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6	2.5
-68.75°	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.7	2.5	2.3
-70°	3.8	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.4	2.2
-71.25°	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1
-72.5°	3.3	3.2	3.1	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9
-73.75°	3.1	3.0	2.8	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.8
-75°	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-76.25°	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5
-77.5°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
-80°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-81.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.0	1.0
-82.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-83.75°	1.2	1.2	1.1	1.1	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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
77.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2
76.25°	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
75°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
73.75°	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
72.5°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3
71.25°	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
70°	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.3
68.75°	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.7	0.5	0.4
67.5°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4
66.25°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
65°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.6	0.4
63.75°	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
62.5°	2.7	2.5	2.3	2.1	1.8	1.6	1.4	1.2	0.9	0.7	0.5
61.25°	2.9	2.6	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
60°	3.0	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
58.75°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
57.5°	3.2	2.9	2.7	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.5
56.25°	3.3	3.0	2.8	2.5	2.2	1.9	1.7	1.4	1.1	0.8	0.6
55°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
53.75°	3.5	3.2	2.9	2.6	2.4	2.1	1.8	1.5	1.2	0.9	0.6
52.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
51.25°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	0.9	0.6
50°	3.8	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.6
48.75°	3.9	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
47.5°	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.4	1.0	0.7
46.25°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
45°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7
43.75°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
42.5°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.7
41.25°	4.5	4.1	3.7	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
40°	4.6	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.8
38.75°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
37.5°	4.7	4.3	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
36.25°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
35°	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.8



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	5.0	4.6	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
32.5°	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
31.25°	5.1	4.7	4.3	3.8	3.4	3.0	2.6	2.1	1.7	1.3	0.9
30°	5.2	4.8	4.3	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
28.75°	5.2	4.8	4.4	3.9	3.5	3.1	2.6	2.2	1.8	1.3	0.9
27.5°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.3	0.9
26.25°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
25°	5.4	5.0	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	0.9
23.75°	5.5	5.0	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
22.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.8	1.4	0.9
21.25°	5.6	5.1	4.7	4.2	3.7	3.3	2.8	2.3	1.9	1.4	0.9
20°	5.6	5.2	4.7	4.2	3.8	3.3	2.8	2.3	1.9	1.4	0.9
18.75°	5.7	5.2	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	0.9
17.5°	5.7	5.2	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
16.25°	5.8	5.3	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
15°	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
13.75°	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.0
12.5°	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
11.25°	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.5	2.0	1.5	1.0
10°	5.9	5.4	4.9	4.4	3.9	3.4	3.0	2.5	2.0	1.5	1.0
8.75°	5.9	5.4	4.9	4.4	4.0	3.5	3.0	2.5	2.0	1.5	1.0
7.5°	5.9	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
6.25°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
5°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
3.75°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
2.5°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
1.25°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
0°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-1.25°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-2.5°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-3.75°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-5°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-6.25°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-7.5°	5.9	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-8.75°	5.9	5.4	4.9	4.4	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-10°	5.9	5.4	4.9	4.4	3.9	3.4	3.0	2.5	2.0	1.5	1.0
-11.25°	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.5	2.0	1.5	1.0
-12.5°	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
-13.75°	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.0
-15°	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
-16.25°	5.8	5.3	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
-17.5°	5.7	5.2	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
-18.75°	5.7	5.2	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	0.9
-20°	5.6	5.2	4.7	4.2	3.8	3.3	2.8	2.3	1.9	1.4	0.9
-21.25°	5.6	5.1	4.7	4.2	3.7	3.3	2.8	2.3	1.9	1.4	0.9





REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.8	1.4	0.9
-23.75°	5.5	5.0	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
-25°	5.4	5.0	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	0.9
-26.25°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
-27.5°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.3	0.9
-28.75°	5.2	4.8	4.4	3.9	3.5	3.1	2.6	2.2	1.8	1.3	0.9
-30°	5.2	4.8	4.3	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
-31.25°	5.1	4.7	4.3	3.8	3.4	3.0	2.6	2.1	1.7	1.3	0.9
-32.5°	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
-33.75°	5.0	4.6	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
-35°	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.8
-36.25°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-37.5°	4.7	4.3	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-38.75°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
-40°	4.6	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-41.25°	4.5	4.1	3.7	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-42.5°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.7
-43.75°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
-45°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7
-46.25°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
-47.5°	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.4	1.0	0.7
-48.75°	3.9	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-50°	3.8	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.6
-51.25°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	0.9	0.6
-52.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-53.75°	3.5	3.2	2.9	2.6	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-55°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
-56.25°	3.3	3.0	2.8	2.5	2.2	1.9	1.7	1.4	1.1	0.8	0.6
-57.5°	3.2	2.9	2.7	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.5
-58.75°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
-60°	3.0	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
-61.25°	2.9	2.6	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
-62.5°	2.7	2.5	2.3	2.1	1.8	1.6	1.4	1.2	0.9	0.7	0.5
-63.75°	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
-65°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.6	0.4
-66.25°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-67.5°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4
-68.75°	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.7	0.5	0.4
-70°	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-71.25°	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
-72.5°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3
-73.75°	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
-75°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-76.25°	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
-77.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2



REPORT NUMBER: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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°	1.2	1.1	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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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: P29411 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-F-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)