

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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

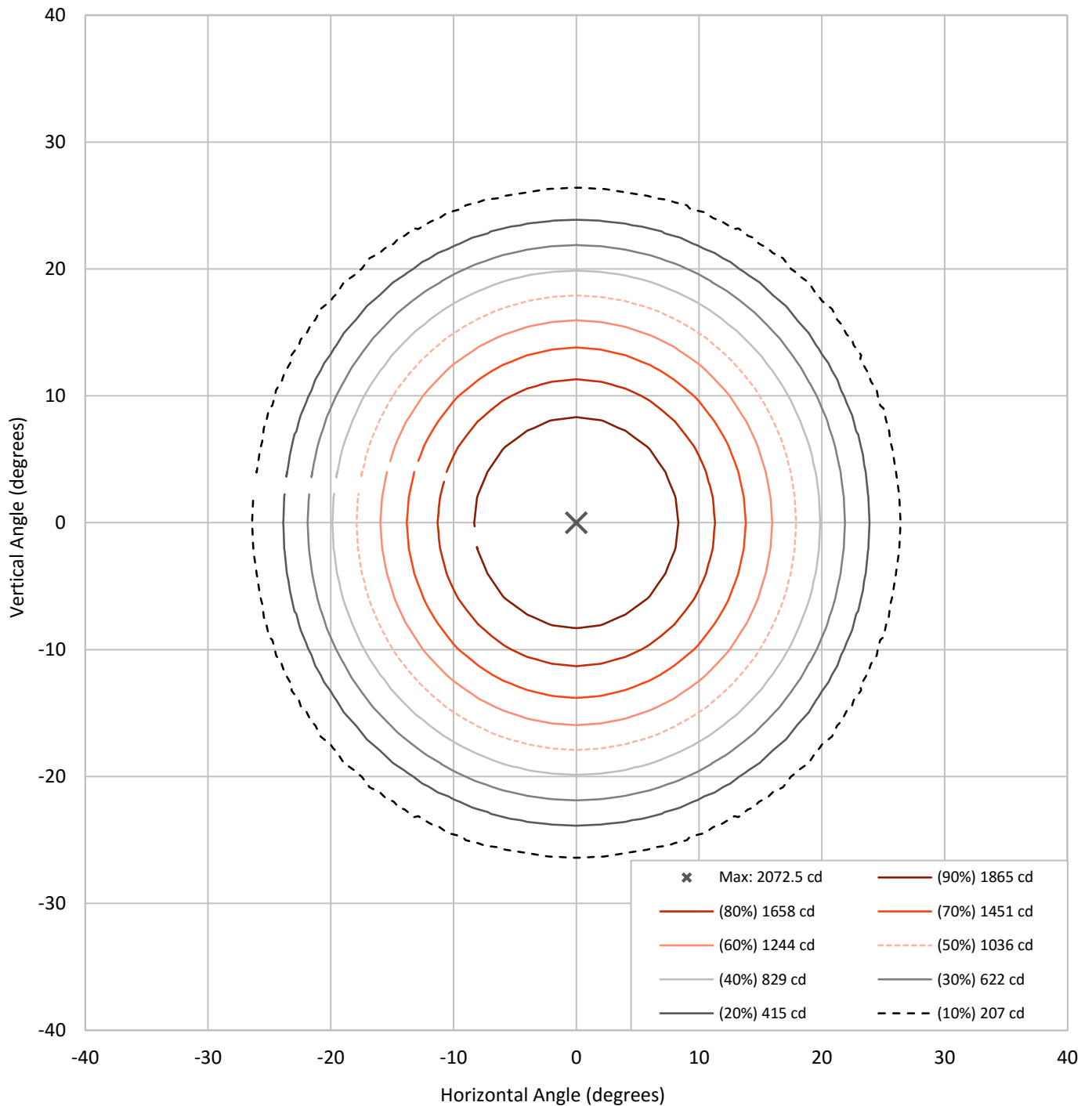
Test Method: LM-79-08  
Report Number: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 4000K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	806.8 lumens	Max Intensity:	2072.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	474.4 lumens	Field Lumens:	673.9 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





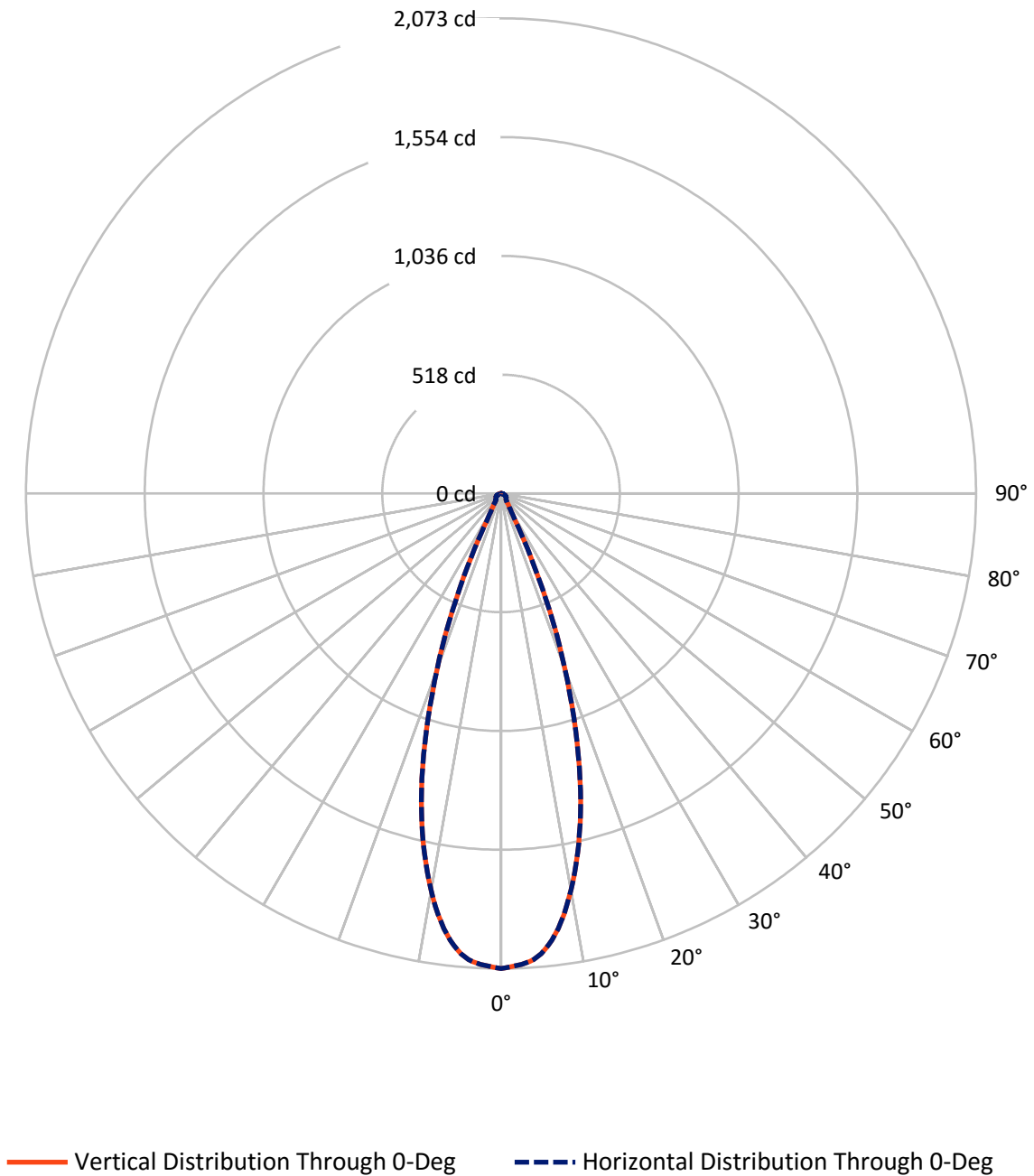
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### Lumen Table

90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.6	0.8	0.9	1.1	1.4	1.4	1.1	0.9	0.8	0.6	0.4	0.2				
30	0.2	0.2	0.4	0.6	0.8	1.4	4.0	9.5	9.5	4.0	1.4	0.8	0.6	0.4	0.2	0.2			
20		0.2	0.5	0.7	1.0	3.8	20.3	36.9	36.9	20.3	3.8	1.0	0.7	0.5	0.2				
10	0.2	0.2	0.5	0.7	1.2	8.8	35.9	56.7	56.7	35.9	8.8	1.2	0.7	0.5	0.2	0.2			
0		0.2	0.5	0.7	1.2	8.8	35.9	56.7	56.7	35.9	8.8	1.2	0.7	0.5	0.2				
-10	0.2	0.2	0.5	0.7	1.2	8.8	35.9	56.7	56.7	35.9	8.8	1.2	0.7	0.5	0.2	0.2			
-20		0.2	0.4	0.6	0.8	1.4	4.0	9.5	9.5	4.0	1.4	0.8	0.6	0.4	0.2				
-30	0.1	0.2	0.4	0.6	0.8	0.9	1.1	1.4	1.4	1.1	0.9	0.8	0.6	0.4	0.2	0.1			
-40		0.1	0.3	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3	0.1				
-50	0.1	0.1	0.2	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1				
-70	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0							0.0			
-80		0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
-90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

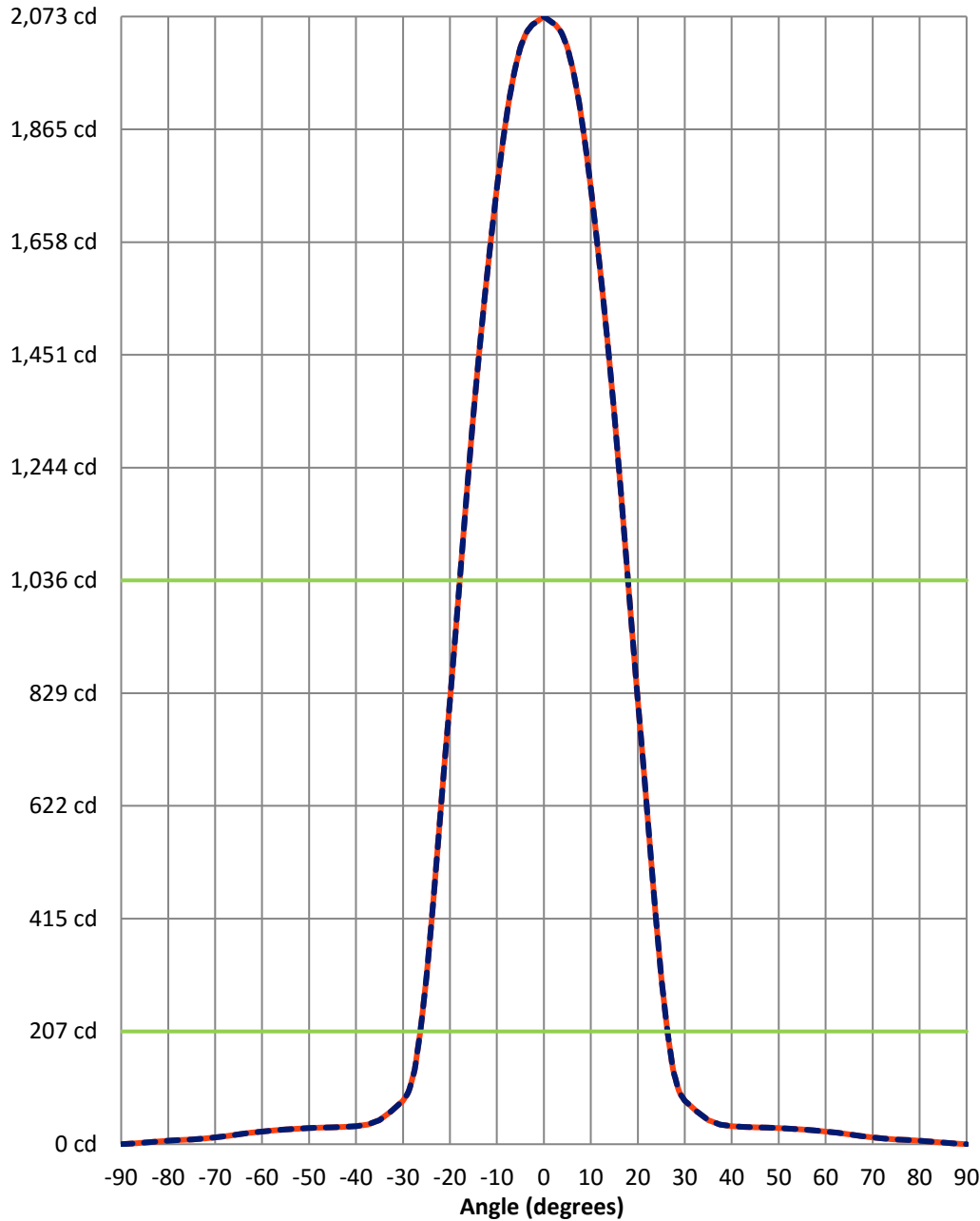
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.8°  
 V Angle: 35.8°  
 Lumens: 474.4  
 Efficiency: 58.8%

**Field:**  
 H Angle: 52.6°  
 V Angle: 52.6°  
 Lumens: 673.9  
 Efficiency: 83.5%

**Spill:**  
 Lumens: 132.9  
 Efficiency: 16.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3
86.25°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6
83.75°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
82.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
81.25°	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	0.5	0.6	0.7	0.8	0.9	1.0	1.1
78.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
77.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.3	1.4
76.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6
75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.8
73.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.7	2.0
72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.1
71.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.3
70°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.5
68.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	2.1	2.4	2.7
67.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.9	2.2	2.5	2.8
66.25°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.0	2.3	2.7	3.0
65°	0.0	0.3	0.5	0.8	1.1	1.4	1.8	2.1	2.5	2.8	3.2
63.75°	0.0	0.3	0.6	0.9	1.1	1.5	1.9	2.2	2.6	3.0	3.3
62.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.3	2.7	3.1	3.5
61.25°	0.0	0.3	0.6	0.9	1.2	1.6	2.0	2.5	2.9	3.3	3.7
60°	0.0	0.3	0.6	1.0	1.3	1.7	2.1	2.6	3.0	3.4	3.8
58.75°	0.0	0.3	0.7	1.0	1.4	1.8	2.2	2.7	3.1	3.5	4.0
57.5°	0.0	0.3	0.7	1.0	1.4	1.9	2.3	2.8	3.2	3.7	4.1
56.25°	0.0	0.4	0.7	1.1	1.5	2.0	2.4	2.9	3.4	3.8	4.3
55°	0.0	0.4	0.7	1.1	1.5	2.0	2.5	3.0	3.5	4.0	4.4
53.75°	0.0	0.4	0.8	1.2	1.6	2.1	2.6	3.1	3.6	4.1	4.6
52.5°	0.0	0.4	0.8	1.2	1.7	2.2	2.7	3.2	3.7	4.2	4.7
51.25°	0.0	0.4	0.8	1.2	1.7	2.3	2.8	3.3	3.8	4.4	4.9
50°	0.0	0.4	0.8	1.3	1.8	2.3	2.9	3.4	4.0	4.5	5.0
48.75°	0.0	0.4	0.9	1.3	1.8	2.4	3.0	3.5	4.1	4.6	5.2
47.5°	0.0	0.4	0.9	1.3	1.9	2.5	3.0	3.6	4.2	4.8	5.3
46.25°	0.0	0.4	0.9	1.4	1.9	2.5	3.1	3.7	4.3	4.9	5.5
45°	0.0	0.5	0.9	1.4	2.0	2.6	3.2	3.8	4.4	5.0	5.6
43.75°	0.0	0.5	0.9	1.4	2.1	2.7	3.3	3.9	4.5	5.1	5.7
42.5°	0.0	0.5	1.0	1.5	2.1	2.7	3.4	4.0	4.6	5.2	5.8
41.25°	0.0	0.5	1.0	1.5	2.2	2.8	3.4	4.1	4.7	5.3	6.0
40°	0.0	0.5	1.0	1.6	2.2	2.9	3.5	4.2	4.8	5.4	6.1
38.75°	0.0	0.5	1.0	1.6	2.3	2.9	3.6	4.2	4.9	5.6	6.2
37.5°	0.0	0.5	1.0	1.6	2.3	3.0	3.6	4.3	5.0	5.7	6.3
36.25°	0.0	0.5	1.0	1.7	2.3	3.0	3.7	4.4	5.1	5.8	6.4
35°	0.0	0.5	1.1	1.7	2.4	3.1	3.8	4.5	5.2	5.9	6.5



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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	0.5	1.1	1.7	2.4	3.1	3.8	4.5	5.2	5.9	6.6
32.5°	0.0	0.5	1.1	1.8	2.5	3.2	3.9	4.6	5.3	6.0	6.7
31.25°	0.0	0.6	1.1	1.8	2.5	3.2	4.0	4.7	5.4	6.1	6.7
30°	0.0	0.6	1.1	1.8	2.5	3.3	4.0	4.7	5.5	6.2	6.8
28.75°	0.0	0.6	1.1	1.8	2.6	3.3	4.1	4.8	5.6	6.3	6.9
27.5°	0.0	0.6	1.2	1.9	2.6	3.4	4.1	4.9	5.6	6.4	7.0
26.25°	0.0	0.6	1.2	1.9	2.6	3.4	4.2	4.9	5.7	6.4	7.0
25°	0.0	0.6	1.2	1.9	2.7	3.5	4.2	5.0	5.8	6.5	7.1
23.75°	0.0	0.6	1.2	1.9	2.7	3.5	4.3	5.0	5.8	6.5	7.1
22.5°	0.0	0.6	1.2	2.0	2.7	3.5	4.3	5.1	5.9	6.6	7.2
21.25°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.1	5.9	6.6	7.3
20°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.7	7.3
18.75°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.7	7.3
17.5°	0.0	0.6	1.2	2.0	2.8	3.7	4.5	5.3	6.1	6.8	7.4
16.25°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.8	7.4
15°	0.0	0.6	1.3	2.1	2.9	3.7	4.5	5.3	6.2	6.8	7.5
13.75°	0.0	0.6	1.3	2.1	2.9	3.7	4.6	5.4	6.2	6.9	7.5
12.5°	0.0	0.6	1.3	2.1	2.9	3.7	4.6	5.4	6.2	6.9	7.5
11.25°	0.0	0.6	1.3	2.1	2.9	3.8	4.6	5.4	6.3	6.9	7.6
10°	0.0	0.6	1.3	2.1	2.9	3.8	4.6	5.5	6.3	7.0	7.6
8.75°	0.0	0.6	1.3	2.1	3.0	3.8	4.6	5.5	6.3	7.0	7.6
7.5°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.3	7.0	7.6
6.25°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
5°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
3.75°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
2.5°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
1.25°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
0°	0.0	0.6	1.3	2.2	3.0	3.9	4.7	5.6	6.4	7.1	7.7
-1.25°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
-2.5°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
-3.75°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
-5°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
-6.25°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.4	7.0	7.7
-7.5°	0.0	0.6	1.3	2.1	3.0	3.8	4.7	5.5	6.3	7.0	7.6
-8.75°	0.0	0.6	1.3	2.1	3.0	3.8	4.6	5.5	6.3	7.0	7.6
-10°	0.0	0.6	1.3	2.1	2.9	3.8	4.6	5.5	6.3	7.0	7.6
-11.25°	0.0	0.6	1.3	2.1	2.9	3.8	4.6	5.4	6.3	6.9	7.6
-12.5°	0.0	0.6	1.3	2.1	2.9	3.7	4.6	5.4	6.2	6.9	7.5
-13.75°	0.0	0.6	1.3	2.1	2.9	3.7	4.6	5.4	6.2	6.9	7.5
-15°	0.0	0.6	1.3	2.1	2.9	3.7	4.5	5.3	6.2	6.8	7.5
-16.25°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.8	7.4
-17.5°	0.0	0.6	1.2	2.0	2.8	3.7	4.5	5.3	6.1	6.8	7.4
-18.75°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.7	7.3
-20°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.7	7.3
-21.25°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.1	5.9	6.6	7.3





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.6	1.2	2.0	2.7	3.5	4.3	5.1	5.9	6.6	7.2
-23.75°	0.0	0.6	1.2	1.9	2.7	3.5	4.3	5.0	5.8	6.5	7.1
-25°	0.0	0.6	1.2	1.9	2.7	3.5	4.2	5.0	5.8	6.5	7.1
-26.25°	0.0	0.6	1.2	1.9	2.6	3.4	4.2	4.9	5.7	6.4	7.0
-27.5°	0.0	0.6	1.2	1.9	2.6	3.4	4.1	4.9	5.6	6.4	7.0
-28.75°	0.0	0.6	1.1	1.8	2.6	3.3	4.1	4.8	5.6	6.3	6.9
-30°	0.0	0.6	1.1	1.8	2.5	3.3	4.0	4.7	5.5	6.2	6.8
-31.25°	0.0	0.6	1.1	1.8	2.5	3.2	4.0	4.7	5.4	6.1	6.7
-32.5°	0.0	0.5	1.1	1.8	2.5	3.2	3.9	4.6	5.3	6.0	6.7
-33.75°	0.0	0.5	1.1	1.7	2.4	3.1	3.8	4.5	5.2	5.9	6.6
-35°	0.0	0.5	1.1	1.7	2.4	3.1	3.8	4.5	5.2	5.9	6.5
-36.25°	0.0	0.5	1.0	1.7	2.3	3.0	3.7	4.4	5.1	5.8	6.4
-37.5°	0.0	0.5	1.0	1.6	2.3	3.0	3.6	4.3	5.0	5.7	6.3
-38.75°	0.0	0.5	1.0	1.6	2.3	2.9	3.6	4.2	4.9	5.6	6.2
-40°	0.0	0.5	1.0	1.6	2.2	2.9	3.5	4.2	4.8	5.4	6.1
-41.25°	0.0	0.5	1.0	1.5	2.2	2.8	3.4	4.1	4.7	5.3	6.0
-42.5°	0.0	0.5	1.0	1.5	2.1	2.7	3.4	4.0	4.6	5.2	5.8
-43.75°	0.0	0.5	0.9	1.4	2.1	2.7	3.3	3.9	4.5	5.1	5.7
-45°	0.0	0.5	0.9	1.4	2.0	2.6	3.2	3.8	4.4	5.0	5.6
-46.25°	0.0	0.4	0.9	1.4	1.9	2.5	3.1	3.7	4.3	4.9	5.5
-47.5°	0.0	0.4	0.9	1.3	1.9	2.5	3.0	3.6	4.2	4.8	5.3
-48.75°	0.0	0.4	0.9	1.3	1.8	2.4	3.0	3.5	4.1	4.6	5.2
-50°	0.0	0.4	0.8	1.3	1.8	2.3	2.9	3.4	4.0	4.5	5.0
-51.25°	0.0	0.4	0.8	1.2	1.7	2.3	2.8	3.3	3.8	4.4	4.9
-52.5°	0.0	0.4	0.8	1.2	1.7	2.2	2.7	3.2	3.7	4.2	4.7
-53.75°	0.0	0.4	0.8	1.2	1.6	2.1	2.6	3.1	3.6	4.1	4.6
-55°	0.0	0.4	0.7	1.1	1.5	2.0	2.5	3.0	3.5	4.0	4.4
-56.25°	0.0	0.4	0.7	1.1	1.5	2.0	2.4	2.9	3.4	3.8	4.3
-57.5°	0.0	0.3	0.7	1.0	1.4	1.9	2.3	2.8	3.2	3.7	4.1
-58.75°	0.0	0.3	0.7	1.0	1.4	1.8	2.2	2.7	3.1	3.5	4.0
-60°	0.0	0.3	0.6	1.0	1.3	1.7	2.1	2.6	3.0	3.4	3.8
-61.25°	0.0	0.3	0.6	0.9	1.2	1.6	2.0	2.5	2.9	3.3	3.7
-62.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.3	2.7	3.1	3.5
-63.75°	0.0	0.3	0.6	0.9	1.1	1.5	1.9	2.2	2.6	3.0	3.3
-65°	0.0	0.3	0.5	0.8	1.1	1.4	1.8	2.1	2.5	2.8	3.2
-66.25°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.0	2.3	2.7	3.0
-67.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.9	2.2	2.5	2.8
-68.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	2.1	2.4	2.7
-70°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.5
-71.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.3
-72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.1
-73.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.7	2.0
-75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.8
-76.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6
-77.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.3	1.4



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
-78.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-80°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-81.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-82.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-83.75°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6
-86.25°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3
-88.75°	0.0	0.0	0.0	0.0	0.1	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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
86.25°	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9
85°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
83.75°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5
82.5°	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.8	1.9
81.25°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2
80°	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6
78.75°	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0
77.5°	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3
76.25°	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7
75°	2.0	2.2	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1
73.75°	2.2	2.4	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4
72.5°	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.6	4.8
71.25°	2.6	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.7	4.9	5.2
70°	2.8	3.1	3.3	3.6	3.9	4.2	4.4	4.7	5.0	5.3	5.5
68.75°	3.0	3.3	3.6	3.9	4.1	4.4	4.7	5.0	5.3	5.6	5.9
67.5°	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2
66.25°	3.3	3.7	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.3	6.5
65°	3.5	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.3	6.6	6.8
63.75°	3.7	4.1	4.4	4.8	5.2	5.5	5.9	6.2	6.5	6.8	7.1
62.5°	3.9	4.3	4.6	5.0	5.4	5.8	6.2	6.5	6.8	7.1	7.3
61.25°	4.1	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.0	7.3	7.6
60°	4.2	4.7	5.1	5.5	5.9	6.3	6.6	6.9	7.2	7.5	7.8
58.75°	4.4	4.8	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.0
57.5°	4.6	5.0	5.5	5.9	6.4	6.7	7.0	7.4	7.7	7.9	8.1
56.25°	4.8	5.2	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.1	8.3
55°	4.9	5.4	5.9	6.4	6.7	7.1	7.4	7.8	8.0	8.3	8.5
53.75°	5.1	5.6	6.1	6.5	6.9	7.3	7.6	7.9	8.2	8.4	8.7
52.5°	5.3	5.8	6.3	6.7	7.1	7.4	7.8	8.0	8.3	8.6	9.0
51.25°	5.4	5.9	6.4	6.8	7.2	7.6	7.9	8.2	8.5	8.8	9.3
50°	5.6	6.1	6.6	7.0	7.4	7.8	8.0	8.3	8.6	9.1	9.6
48.75°	5.7	6.3	6.7	7.1	7.6	7.9	8.2	8.5	8.9	9.4	9.9
47.5°	5.9	6.4	6.9	7.3	7.7	8.0	8.3	8.6	9.1	9.7	10.2
46.25°	6.0	6.6	7.0	7.4	7.8	8.1	8.4	8.8	9.4	10.0	10.6
45°	6.2	6.7	7.1	7.6	7.9	8.2	8.5	9.1	9.7	10.2	10.9
43.75°	6.3	6.8	7.3	7.7	8.0	8.3	8.7	9.3	9.9	10.5	11.3
42.5°	6.4	6.9	7.4	7.8	8.1	8.5	8.9	9.5	10.1	10.9	11.6
41.25°	6.6	7.0	7.5	7.9	8.2	8.6	9.2	9.8	10.4	11.2	12.0
40°	6.7	7.1	7.6	8.0	8.3	8.7	9.4	10.0	10.7	11.5	12.3
38.75°	6.8	7.3	7.7	8.1	8.4	8.9	9.6	10.2	11.0	11.8	12.7
37.5°	6.9	7.4	7.8	8.2	8.5	9.1	9.8	10.5	11.3	12.1	13.0
36.25°	6.9	7.5	7.9	8.3	8.6	9.3	10.0	10.7	11.6	12.4	13.4
35°	7.0	7.6	8.0	8.3	8.8	9.5	10.1	11.0	11.9	12.8	13.7



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	7.1	7.7	8.0	8.4	8.9	9.6	10.3	11.2	12.1	13.1	14.1
32.5°	7.2	7.7	8.1	8.5	9.1	9.8	10.6	11.5	12.4	13.4	14.4
31.25°	7.3	7.8	8.2	8.6	9.2	10.0	10.8	11.7	12.6	13.7	14.7
30°	7.4	7.9	8.2	8.7	9.4	10.1	11.0	11.9	12.9	14.0	15.0
28.75°	7.5	7.9	8.3	8.8	9.5	10.3	11.2	12.2	13.2	14.2	15.4
27.5°	7.5	8.0	8.4	8.9	9.7	10.4	11.4	12.4	13.4	14.5	15.7
26.25°	7.6	8.0	8.4	9.0	9.8	10.6	11.6	12.6	13.7	14.8	16.1
25°	7.7	8.1	8.5	9.2	9.9	10.8	11.8	12.8	13.9	15.0	16.4
23.75°	7.7	8.1	8.5	9.3	10.0	11.0	11.9	13.0	14.1	15.3	16.7
22.5°	7.8	8.2	8.6	9.4	10.1	11.1	12.1	13.2	14.3	15.6	17.0
21.25°	7.8	8.2	8.7	9.5	10.3	11.3	12.3	13.4	14.5	15.9	17.3
20°	7.8	8.3	8.8	9.6	10.4	11.4	12.4	13.6	14.7	16.1	17.6
18.75°	7.9	8.3	8.8	9.6	10.5	11.5	12.6	13.7	14.9	16.4	17.8
17.5°	7.9	8.3	8.9	9.7	10.6	11.7	12.7	13.9	15.1	16.6	18.0
16.25°	7.9	8.4	9.0	9.8	10.7	11.8	12.9	14.1	15.3	16.8	18.3
15°	8.0	8.4	9.1	9.9	10.8	11.9	13.0	14.2	15.5	17.0	18.4
13.75°	8.0	8.4	9.1	9.9	10.9	12.0	13.1	14.3	15.7	17.2	18.6
12.5°	8.0	8.5	9.2	10.0	11.0	12.1	13.2	14.4	15.8	17.3	18.8
11.25°	8.1	8.5	9.2	10.1	11.1	12.1	13.3	14.5	16.0	17.5	19.0
10°	8.1	8.5	9.3	10.1	11.1	12.2	13.4	14.6	16.1	17.6	19.1
8.75°	8.1	8.5	9.3	10.2	11.2	12.3	13.5	14.7	16.2	17.7	19.2
7.5°	8.1	8.6	9.4	10.2	11.3	12.3	13.6	14.8	16.3	17.8	19.3
6.25°	8.1	8.6	9.4	10.2	11.3	12.4	13.6	14.9	16.4	17.9	19.4
5°	8.1	8.6	9.4	10.3	11.3	12.4	13.7	14.9	16.4	18.0	19.5
3.75°	8.1	8.6	9.4	10.3	11.4	12.5	13.7	14.9	16.5	18.0	19.5
2.5°	8.1	8.6	9.4	10.3	11.4	12.5	13.7	15.0	16.5	18.1	19.6
1.25°	8.1	8.6	9.4	10.3	11.4	12.5	13.7	15.0	16.5	18.1	19.6
0°	8.2	8.6	9.5	10.3	11.4	12.5	13.8	15.0	16.6	18.1	19.6
-1.25°	8.1	8.6	9.4	10.3	11.4	12.5	13.7	15.0	16.5	18.1	19.6
-2.5°	8.1	8.6	9.4	10.3	11.4	12.5	13.7	15.0	16.5	18.1	19.6
-3.75°	8.1	8.6	9.4	10.3	11.4	12.5	13.7	14.9	16.5	18.0	19.5
-5°	8.1	8.6	9.4	10.3	11.3	12.4	13.7	14.9	16.4	18.0	19.5
-6.25°	8.1	8.6	9.4	10.2	11.3	12.4	13.6	14.9	16.4	17.9	19.4
-7.5°	8.1	8.6	9.4	10.2	11.3	12.3	13.6	14.8	16.3	17.8	19.3
-8.75°	8.1	8.5	9.3	10.2	11.2	12.3	13.5	14.7	16.2	17.7	19.2
-10°	8.1	8.5	9.3	10.1	11.1	12.2	13.4	14.6	16.1	17.6	19.1
-11.25°	8.1	8.5	9.2	10.1	11.1	12.1	13.3	14.5	16.0	17.5	19.0
-12.5°	8.0	8.5	9.2	10.0	11.0	12.1	13.2	14.4	15.8	17.3	18.8
-13.75°	8.0	8.4	9.1	9.9	10.9	12.0	13.1	14.3	15.7	17.2	18.6
-15°	8.0	8.4	9.1	9.9	10.8	11.9	13.0	14.2	15.5	17.0	18.4
-16.25°	7.9	8.4	9.0	9.8	10.7	11.8	12.9	14.1	15.3	16.8	18.3
-17.5°	7.9	8.3	8.9	9.7	10.6	11.7	12.7	13.9	15.1	16.6	18.0
-18.75°	7.9	8.3	8.8	9.6	10.5	11.5	12.6	13.7	14.9	16.4	17.8
-20°	7.8	8.3	8.8	9.6	10.4	11.4	12.4	13.6	14.7	16.1	17.6
-21.25°	7.8	8.2	8.7	9.5	10.3	11.3	12.3	13.4	14.5	15.9	17.3



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	7.8	8.2	8.6	9.4	10.1	11.1	12.1	13.2	14.3	15.6	17.0
-23.75°	7.7	8.1	8.5	9.3	10.0	11.0	11.9	13.0	14.1	15.3	16.7
-25°	7.7	8.1	8.5	9.2	9.9	10.8	11.8	12.8	13.9	15.0	16.4
-26.25°	7.6	8.0	8.4	9.0	9.8	10.6	11.6	12.6	13.7	14.8	16.1
-27.5°	7.5	8.0	8.4	8.9	9.7	10.4	11.4	12.4	13.4	14.5	15.7
-28.75°	7.5	7.9	8.3	8.8	9.5	10.3	11.2	12.2	13.2	14.2	15.4
-30°	7.4	7.9	8.2	8.7	9.4	10.1	11.0	11.9	12.9	14.0	15.0
-31.25°	7.3	7.8	8.2	8.6	9.2	10.0	10.8	11.7	12.6	13.7	14.7
-32.5°	7.2	7.7	8.1	8.5	9.1	9.8	10.6	11.5	12.4	13.4	14.4
-33.75°	7.1	7.7	8.0	8.4	8.9	9.6	10.3	11.2	12.1	13.1	14.1
-35°	7.0	7.6	8.0	8.3	8.8	9.5	10.1	11.0	11.9	12.8	13.7
-36.25°	6.9	7.5	7.9	8.3	8.6	9.3	10.0	10.7	11.6	12.4	13.4
-37.5°	6.9	7.4	7.8	8.2	8.5	9.1	9.8	10.5	11.3	12.1	13.0
-38.75°	6.8	7.3	7.7	8.1	8.4	8.9	9.6	10.2	11.0	11.8	12.7
-40°	6.7	7.1	7.6	8.0	8.3	8.7	9.4	10.0	10.7	11.5	12.3
-41.25°	6.6	7.0	7.5	7.9	8.2	8.6	9.2	9.8	10.4	11.2	12.0
-42.5°	6.4	6.9	7.4	7.8	8.1	8.5	8.9	9.5	10.1	10.9	11.6
-43.75°	6.3	6.8	7.3	7.7	8.0	8.3	8.7	9.3	9.9	10.5	11.3
-45°	6.2	6.7	7.1	7.6	7.9	8.2	8.5	9.1	9.7	10.2	10.9
-46.25°	6.0	6.6	7.0	7.4	7.8	8.1	8.4	8.8	9.4	10.0	10.6
-47.5°	5.9	6.4	6.9	7.3	7.7	8.0	8.3	8.6	9.1	9.7	10.2
-48.75°	5.7	6.3	6.7	7.1	7.6	7.9	8.2	8.5	8.9	9.4	9.9
-50°	5.6	6.1	6.6	7.0	7.4	7.8	8.0	8.3	8.6	9.1	9.6
-51.25°	5.4	5.9	6.4	6.8	7.2	7.6	7.9	8.2	8.5	8.8	9.3
-52.5°	5.3	5.8	6.3	6.7	7.1	7.4	7.8	8.0	8.3	8.6	9.0
-53.75°	5.1	5.6	6.1	6.5	6.9	7.3	7.6	7.9	8.2	8.4	8.7
-55°	4.9	5.4	5.9	6.4	6.7	7.1	7.4	7.8	8.0	8.3	8.5
-56.25°	4.8	5.2	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.1	8.3
-57.5°	4.6	5.0	5.5	5.9	6.4	6.7	7.0	7.4	7.7	7.9	8.1
-58.75°	4.4	4.8	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.0
-60°	4.2	4.7	5.1	5.5	5.9	6.3	6.6	6.9	7.2	7.5	7.8
-61.25°	4.1	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.0	7.3	7.6
-62.5°	3.9	4.3	4.6	5.0	5.4	5.8	6.2	6.5	6.8	7.1	7.3
-63.75°	3.7	4.1	4.4	4.8	5.2	5.5	5.9	6.2	6.5	6.8	7.1
-65°	3.5	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.3	6.6	6.8
-66.25°	3.3	3.7	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.3	6.5
-67.5°	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2
-68.75°	3.0	3.3	3.6	3.9	4.1	4.4	4.7	5.0	5.3	5.6	5.9
-70°	2.8	3.1	3.3	3.6	3.9	4.2	4.4	4.7	5.0	5.3	5.5
-71.25°	2.6	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.7	4.9	5.2
-72.5°	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.6	4.8
-73.75°	2.2	2.4	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4
-75°	2.0	2.2	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1
-76.25°	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7
-77.5°	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0
-80°	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6
-81.25°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2
-82.5°	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.8	1.9
-83.75°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5
-85°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-86.25°	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9
-87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
86.25°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3
85°	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.8
83.75°	1.6	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3
82.5°	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
81.25°	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
80°	2.7	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8	4.0
78.75°	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.2	4.4	4.5
77.5°	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0
76.25°	3.9	4.1	4.2	4.4	4.6	4.8	4.9	5.1	5.3	5.4	5.6
75°	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8	5.9	6.1
73.75°	4.6	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.4	6.6
72.5°	5.0	5.3	5.5	5.7	5.9	6.1	6.4	6.5	6.7	6.8	7.0
71.25°	5.4	5.6	5.9	6.1	6.4	6.5	6.7	6.9	7.1	7.2	7.4
70°	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.4	7.6	7.8
68.75°	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.0
67.5°	6.5	6.7	6.9	7.2	7.4	7.6	7.8	7.9	8.0	8.2	8.3
66.25°	6.8	7.0	7.2	7.5	7.7	7.9	8.0	8.2	8.3	8.5	8.6
65°	7.1	7.3	7.5	7.8	7.9	8.1	8.3	8.4	8.6	8.8	9.1
63.75°	7.3	7.6	7.8	8.0	8.1	8.3	8.5	8.7	9.0	9.3	9.6
62.5°	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.2	9.5	9.8	10.1
61.25°	7.8	8.0	8.2	8.4	8.6	8.9	9.3	9.6	10.0	10.3	10.7
60°	8.0	8.2	8.4	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.4
58.75°	8.2	8.4	8.6	9.0	9.4	9.8	10.2	10.6	11.1	11.6	12.0
57.5°	8.4	8.6	9.0	9.4	9.8	10.2	10.7	11.2	11.7	12.2	12.7
56.25°	8.6	8.9	9.4	9.8	10.2	10.7	11.3	11.8	12.3	12.8	13.4
55°	8.8	9.3	9.7	10.2	10.7	11.3	11.8	12.3	12.9	13.5	14.1
53.75°	9.2	9.6	10.1	10.6	11.2	11.8	12.3	13.0	13.6	14.2	14.8
52.5°	9.5	10.0	10.5	11.1	11.7	12.3	12.9	13.6	14.3	14.9	15.7
51.25°	9.8	10.3	10.9	11.6	12.2	12.8	13.5	14.2	14.9	15.7	16.5
50°	10.1	10.7	11.4	12.0	12.7	13.4	14.1	14.8	15.7	16.5	17.4
48.75°	10.5	11.2	11.8	12.5	13.2	14.0	14.7	15.6	16.4	17.3	18.2
47.5°	10.9	11.6	12.3	13.0	13.8	14.5	15.4	16.3	17.2	18.1	19.0
46.25°	11.3	12.0	12.7	13.5	14.3	15.1	16.1	17.0	18.0	18.9	19.8
45°	11.7	12.4	13.2	14.0	14.8	15.8	16.8	17.7	18.7	19.6	20.5
43.75°	12.0	12.8	13.7	14.5	15.4	16.4	17.5	18.4	19.4	20.4	21.2
42.5°	12.4	13.3	14.1	15.0	16.0	17.1	18.1	19.1	20.1	21.1	21.8
41.25°	12.8	13.7	14.6	15.6	16.6	17.7	18.8	19.8	20.8	21.6	22.3
40°	13.2	14.1	15.0	16.1	17.2	18.3	19.4	20.4	21.3	22.1	22.8
38.75°	13.6	14.5	15.6	16.7	17.8	18.9	20.0	21.1	21.8	22.5	23.3
37.5°	14.0	14.9	16.1	17.2	18.4	19.5	20.6	21.5	22.3	23.0	23.8
36.25°	14.4	15.4	16.6	17.8	18.9	20.0	21.1	21.9	22.7	23.5	24.3
35°	14.7	15.9	17.1	18.3	19.4	20.6	21.5	22.3	23.1	23.9	24.8



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	15.1	16.3	17.6	18.8	19.9	21.1	21.9	22.7	23.6	24.4	25.2
32.5°	15.5	16.8	18.0	19.2	20.4	21.5	22.3	23.1	24.0	24.8	25.6
31.25°	15.9	17.2	18.5	19.7	20.9	21.8	22.7	23.5	24.4	25.3	26.0
30°	16.3	17.6	18.9	20.1	21.3	22.2	23.0	23.9	24.8	25.6	26.3
28.75°	16.7	18.0	19.3	20.6	21.6	22.5	23.4	24.3	25.2	25.9	26.6
27.5°	17.1	18.4	19.7	21.0	21.9	22.8	23.7	24.6	25.5	26.2	26.9
26.25°	17.4	18.8	20.1	21.3	22.2	23.1	24.0	25.0	25.8	26.5	27.2
25°	17.8	19.1	20.4	21.6	22.5	23.4	24.4	25.3	26.1	26.8	27.4
23.75°	18.1	19.4	20.8	21.8	22.7	23.7	24.7	25.6	26.3	27.1	27.6
22.5°	18.4	19.8	21.1	22.1	23.0	24.0	25.0	25.8	26.6	27.3	27.8
21.25°	18.7	20.1	21.3	22.3	23.2	24.2	25.2	26.0	26.8	27.5	28.0
20°	19.0	20.3	21.5	22.5	23.5	24.5	25.5	26.3	27.0	27.6	28.2
18.75°	19.2	20.6	21.7	22.7	23.7	24.7	25.7	26.5	27.2	27.8	28.4
17.5°	19.5	20.9	21.9	22.9	23.9	25.0	25.9	26.6	27.4	28.0	28.6
16.25°	19.7	21.1	22.1	23.1	24.1	25.2	26.0	26.8	27.5	28.1	28.7
15°	19.9	21.3	22.3	23.3	24.3	25.4	26.2	27.0	27.6	28.2	28.9
13.75°	20.1	21.4	22.4	23.4	24.5	25.5	26.3	27.1	27.8	28.4	29.0
12.5°	20.3	21.5	22.5	23.6	24.6	25.6	26.5	27.2	27.9	28.5	29.1
11.25°	20.4	21.6	22.7	23.7	24.8	25.8	26.6	27.3	28.0	28.6	29.2
10°	20.6	21.7	22.8	23.8	24.9	25.9	26.7	27.4	28.1	28.7	29.3
8.75°	20.7	21.8	22.9	23.9	25.0	25.9	26.8	27.5	28.1	28.8	29.4
7.5°	20.8	21.9	23.0	24.0	25.1	26.0	26.9	27.6	28.2	28.8	29.5
6.25°	20.9	22.0	23.0	24.1	25.2	26.1	26.9	27.6	28.3	28.9	29.6
5°	21.0	22.0	23.1	24.2	25.3	26.2	27.0	27.7	28.3	29.0	29.6
3.75°	21.0	22.1	23.1	24.2	25.3	26.2	27.0	27.7	28.4	29.0	29.6
2.5°	21.1	22.1	23.2	24.3	25.4	26.2	27.1	27.7	28.4	29.0	29.7
1.25°	21.1	22.1	23.2	24.3	25.4	26.2	27.1	27.7	28.4	29.0	29.7
0°	21.1	22.2	23.2	24.3	25.4	26.3	27.1	27.8	28.4	29.1	29.7
-1.25°	21.1	22.1	23.2	24.3	25.4	26.2	27.1	27.7	28.4	29.0	29.7
-2.5°	21.1	22.1	23.2	24.3	25.4	26.2	27.1	27.7	28.4	29.0	29.7
-3.75°	21.0	22.1	23.1	24.2	25.3	26.2	27.0	27.7	28.4	29.0	29.6
-5°	21.0	22.0	23.1	24.2	25.3	26.2	27.0	27.7	28.3	29.0	29.6
-6.25°	20.9	22.0	23.0	24.1	25.2	26.1	26.9	27.6	28.3	28.9	29.6
-7.5°	20.8	21.9	23.0	24.0	25.1	26.0	26.9	27.6	28.2	28.8	29.5
-8.75°	20.7	21.8	22.9	23.9	25.0	25.9	26.8	27.5	28.1	28.8	29.4
-10°	20.6	21.7	22.8	23.8	24.9	25.9	26.7	27.4	28.1	28.7	29.3
-11.25°	20.4	21.6	22.7	23.7	24.8	25.8	26.6	27.3	28.0	28.6	29.2
-12.5°	20.3	21.5	22.5	23.6	24.6	25.6	26.5	27.2	27.9	28.5	29.1
-13.75°	20.1	21.4	22.4	23.4	24.5	25.5	26.3	27.1	27.8	28.4	29.0
-15°	19.9	21.3	22.3	23.3	24.3	25.4	26.2	27.0	27.6	28.2	28.9
-16.25°	19.7	21.1	22.1	23.1	24.1	25.2	26.0	26.8	27.5	28.1	28.7
-17.5°	19.5	20.9	21.9	22.9	23.9	25.0	25.9	26.6	27.4	28.0	28.6
-18.75°	19.2	20.6	21.7	22.7	23.7	24.7	25.7	26.5	27.2	27.8	28.4
-20°	19.0	20.3	21.5	22.5	23.5	24.5	25.5	26.3	27.0	27.6	28.2
-21.25°	18.7	20.1	21.3	22.3	23.2	24.2	25.2	26.0	26.8	27.5	28.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	18.4	19.8	21.1	22.1	23.0	24.0	25.0	25.8	26.6	27.3	27.8
-23.75°	18.1	19.4	20.8	21.8	22.7	23.7	24.7	25.6	26.3	27.1	27.6
-25°	17.8	19.1	20.4	21.6	22.5	23.4	24.4	25.3	26.1	26.8	27.4
-26.25°	17.4	18.8	20.1	21.3	22.2	23.1	24.0	25.0	25.8	26.5	27.2
-27.5°	17.1	18.4	19.7	21.0	21.9	22.8	23.7	24.6	25.5	26.2	26.9
-28.75°	16.7	18.0	19.3	20.6	21.6	22.5	23.4	24.3	25.2	25.9	26.6
-30°	16.3	17.6	18.9	20.1	21.3	22.2	23.0	23.9	24.8	25.6	26.3
-31.25°	15.9	17.2	18.5	19.7	20.9	21.8	22.7	23.5	24.4	25.3	26.0
-32.5°	15.5	16.8	18.0	19.2	20.4	21.5	22.3	23.1	24.0	24.8	25.6
-33.75°	15.1	16.3	17.6	18.8	19.9	21.1	21.9	22.7	23.6	24.4	25.2
-35°	14.7	15.9	17.1	18.3	19.4	20.6	21.5	22.3	23.1	23.9	24.8
-36.25°	14.4	15.4	16.6	17.8	18.9	20.0	21.1	21.9	22.7	23.5	24.3
-37.5°	14.0	14.9	16.1	17.2	18.4	19.5	20.6	21.5	22.3	23.0	23.8
-38.75°	13.6	14.5	15.6	16.7	17.8	18.9	20.0	21.1	21.8	22.5	23.3
-40°	13.2	14.1	15.0	16.1	17.2	18.3	19.4	20.4	21.3	22.1	22.8
-41.25°	12.8	13.7	14.6	15.6	16.6	17.7	18.8	19.8	20.8	21.6	22.3
-42.5°	12.4	13.3	14.1	15.0	16.0	17.1	18.1	19.1	20.1	21.1	21.8
-43.75°	12.0	12.8	13.7	14.5	15.4	16.4	17.5	18.4	19.4	20.4	21.2
-45°	11.7	12.4	13.2	14.0	14.8	15.8	16.8	17.7	18.7	19.6	20.5
-46.25°	11.3	12.0	12.7	13.5	14.3	15.1	16.1	17.0	18.0	18.9	19.8
-47.5°	10.9	11.6	12.3	13.0	13.8	14.5	15.4	16.3	17.2	18.1	19.0
-48.75°	10.5	11.2	11.8	12.5	13.2	14.0	14.7	15.6	16.4	17.3	18.2
-50°	10.1	10.7	11.4	12.0	12.7	13.4	14.1	14.8	15.7	16.5	17.4
-51.25°	9.8	10.3	10.9	11.6	12.2	12.8	13.5	14.2	14.9	15.7	16.5
-52.5°	9.5	10.0	10.5	11.1	11.7	12.3	12.9	13.6	14.3	14.9	15.7
-53.75°	9.2	9.6	10.1	10.6	11.2	11.8	12.3	13.0	13.6	14.2	14.8
-55°	8.8	9.3	9.7	10.2	10.7	11.3	11.8	12.3	12.9	13.5	14.1
-56.25°	8.6	8.9	9.4	9.8	10.2	10.7	11.3	11.8	12.3	12.8	13.4
-57.5°	8.4	8.6	9.0	9.4	9.8	10.2	10.7	11.2	11.7	12.2	12.7
-58.75°	8.2	8.4	8.6	9.0	9.4	9.8	10.2	10.6	11.1	11.6	12.0
-60°	8.0	8.2	8.4	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.4
-61.25°	7.8	8.0	8.2	8.4	8.6	8.9	9.3	9.6	10.0	10.3	10.7
-62.5°	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.2	9.5	9.8	10.1
-63.75°	7.3	7.6	7.8	8.0	8.1	8.3	8.5	8.7	9.0	9.3	9.6
-65°	7.1	7.3	7.5	7.8	7.9	8.1	8.3	8.4	8.6	8.8	9.1
-66.25°	6.8	7.0	7.2	7.5	7.7	7.9	8.0	8.2	8.3	8.5	8.6
-67.5°	6.5	6.7	6.9	7.2	7.4	7.6	7.8	7.9	8.0	8.2	8.3
-68.75°	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.0
-70°	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.4	7.6	7.8
-71.25°	5.4	5.6	5.9	6.1	6.4	6.5	6.7	6.9	7.1	7.2	7.4
-72.5°	5.0	5.3	5.5	5.7	5.9	6.1	6.4	6.5	6.7	6.8	7.0
-73.75°	4.6	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.4	6.6
-75°	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8	5.9	6.1
-76.25°	3.9	4.1	4.2	4.4	4.6	4.8	4.9	5.1	5.3	5.4	5.6
-77.5°	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.2	4.4	4.5
-80°	2.7	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8	4.0
-81.25°	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-82.5°	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-83.75°	1.6	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3
-85°	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.8
-86.25°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3
-87.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
-88.75°	0.3	0.3	0.3	0.3	0.3	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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7
85°	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3
83.75°	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0
82.5°	3.0	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7
81.25°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4
80°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1
78.75°	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7	5.8
77.5°	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.4
76.25°	5.7	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	6.9	6.9
75°	6.3	6.4	6.6	6.7	6.8	6.9	7.0	7.1	7.3	7.4	7.5
73.75°	6.7	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9
72.5°	7.1	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3
71.25°	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6
70°	7.9	8.0	8.1	8.2	8.3	8.5	8.6	8.7	8.9	9.1	9.3
68.75°	8.2	8.3	8.4	8.5	8.7	8.9	9.2	9.4	9.6	9.8	10.0
67.5°	8.5	8.6	8.8	9.1	9.3	9.5	9.8	10.0	10.2	10.5	10.7
66.25°	8.9	9.1	9.4	9.7	9.9	10.1	10.4	10.7	11.0	11.3	11.6
65°	9.4	9.7	10.0	10.2	10.5	10.9	11.2	11.5	11.8	12.1	12.4
63.75°	9.9	10.2	10.6	10.9	11.3	11.6	12.0	12.3	12.7	13.0	13.4
62.5°	10.5	10.9	11.3	11.7	12.0	12.4	12.8	13.2	13.6	14.0	14.4
61.25°	11.2	11.6	12.0	12.4	12.8	13.3	13.7	14.1	14.5	14.9	15.4
60°	11.8	12.3	12.7	13.2	13.7	14.1	14.6	15.0	15.6	16.1	16.6
58.75°	12.5	13.0	13.5	14.0	14.5	15.0	15.6	16.1	16.7	17.2	17.8
57.5°	13.2	13.8	14.3	14.8	15.4	16.0	16.6	17.2	17.8	18.4	18.9
56.25°	14.0	14.5	15.1	15.8	16.4	17.1	17.7	18.3	18.9	19.5	20.0
55°	14.7	15.4	16.1	16.8	17.5	18.1	18.8	19.4	20.0	20.6	21.1
53.75°	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.4	21.1	21.5	21.9
52.5°	16.4	17.2	18.0	18.7	19.4	20.1	20.8	21.3	21.8	22.3	22.7
51.25°	17.3	18.1	18.9	19.6	20.4	21.1	21.6	22.1	22.5	23.0	23.5
50°	18.2	19.0	19.8	20.5	21.2	21.8	22.3	22.8	23.3	23.8	24.3
48.75°	19.0	19.8	20.7	21.3	21.9	22.4	23.0	23.5	24.0	24.6	25.1
47.5°	19.8	20.7	21.4	22.0	22.5	23.1	23.7	24.2	24.8	25.3	25.7
46.25°	20.7	21.4	22.0	22.6	23.2	23.8	24.4	24.9	25.5	25.9	26.3
45°	21.3	22.0	22.6	23.2	23.8	24.5	25.1	25.6	26.1	26.5	26.9
43.75°	21.9	22.5	23.2	23.8	24.5	25.1	25.7	26.1	26.6	27.1	27.4
42.5°	22.4	23.1	23.8	24.5	25.1	25.7	26.2	26.7	27.2	27.5	27.9
41.25°	23.0	23.7	24.4	25.1	25.7	26.2	26.7	27.2	27.6	27.9	28.3
40°	23.5	24.2	24.9	25.6	26.1	26.7	27.2	27.6	28.0	28.4	28.7
38.75°	24.0	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	28.8	29.2
37.5°	24.6	25.3	25.9	26.5	27.1	27.5	27.9	28.4	28.8	29.2	29.6
36.25°	25.1	25.7	26.3	26.9	27.4	27.9	28.3	28.7	29.2	29.6	29.9
35°	25.5	26.1	26.8	27.3	27.8	28.2	28.7	29.1	29.5	29.9	30.1



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
33.75°	25.9	26.5	27.2	27.6	28.1	28.6	29.0	29.5	29.8	30.1	30.4
32.5°	26.3	26.9	27.5	27.9	28.4	28.9	29.4	29.8	30.1	30.3	30.6
31.25°	26.6	27.2	27.7	28.2	28.7	29.2	29.7	30.0	30.3	30.5	30.7
30°	27.0	27.5	28.0	28.5	29.0	29.5	29.9	30.2	30.5	30.7	30.9
28.75°	27.3	27.8	28.3	28.8	29.3	29.8	30.1	30.4	30.6	30.8	31.0
27.5°	27.5	28.0	28.6	29.1	29.6	30.0	30.3	30.6	30.8	30.9	31.2
26.25°	27.8	28.3	28.8	29.4	29.8	30.1	30.5	30.7	30.9	31.1	31.4
25°	28.0	28.5	29.1	29.6	30.0	30.3	30.6	30.8	31.0	31.3	31.6
23.75°	28.2	28.8	29.3	29.8	30.1	30.5	30.7	30.9	31.2	31.5	31.8
22.5°	28.4	29.0	29.5	30.0	30.3	30.6	30.8	31.0	31.4	31.7	32.1
21.25°	28.6	29.2	29.7	30.1	30.4	30.7	30.9	31.2	31.5	31.9	32.4
20°	28.8	29.4	29.9	30.2	30.5	30.8	31.0	31.3	31.7	32.2	32.7
18.75°	29.0	29.6	30.0	30.4	30.6	30.9	31.1	31.5	31.9	32.4	33.0
17.5°	29.2	29.7	30.1	30.5	30.7	30.9	31.3	31.6	32.1	32.7	33.4
16.25°	29.3	29.8	30.2	30.6	30.8	31.0	31.4	31.8	32.3	32.9	34.0
15°	29.5	29.9	30.3	30.6	30.8	31.1	31.5	31.9	32.5	33.1	34.5
13.75°	29.6	30.0	30.4	30.7	30.9	31.2	31.6	32.1	32.7	33.6	35.0
12.5°	29.7	30.1	30.5	30.7	31.0	31.3	31.7	32.3	32.9	34.0	35.4
11.25°	29.8	30.2	30.5	30.8	31.0	31.4	31.8	32.4	33.0	34.4	35.8
10°	29.9	30.2	30.6	30.8	31.1	31.5	31.9	32.6	33.3	34.8	36.4
8.75°	29.9	30.3	30.6	30.9	31.2	31.6	32.1	32.7	33.6	35.1	37.2
7.5°	30.0	30.4	30.7	30.9	31.2	31.6	32.2	32.8	33.9	35.3	38.0
6.25°	30.0	30.4	30.7	30.9	31.3	31.7	32.2	32.9	34.1	35.6	38.7
5°	30.0	30.4	30.7	31.0	31.3	31.7	32.3	33.0	34.3	35.8	39.2
3.75°	30.1	30.5	30.7	31.0	31.4	31.8	32.4	33.0	34.4	35.9	39.7
2.5°	30.1	30.5	30.7	31.0	31.4	31.8	32.4	33.1	34.5	36.0	40.0
1.25°	30.1	30.5	30.7	31.0	31.4	31.8	32.4	33.1	34.6	36.1	40.1
0°	30.1	30.5	30.8	31.0	31.4	31.8	32.5	33.1	34.6	36.1	40.2
-1.25°	30.1	30.5	30.7	31.0	31.4	31.8	32.4	33.1	34.6	36.1	40.1
-2.5°	30.1	30.5	30.7	31.0	31.4	31.8	32.4	33.1	34.5	36.0	40.0
-3.75°	30.1	30.5	30.7	31.0	31.4	31.8	32.4	33.0	34.4	35.9	39.7
-5°	30.0	30.4	30.7	31.0	31.3	31.7	32.3	33.0	34.3	35.8	39.2
-6.25°	30.0	30.4	30.7	30.9	31.3	31.7	32.2	32.9	34.1	35.6	38.7
-7.5°	30.0	30.4	30.7	30.9	31.2	31.6	32.2	32.8	33.9	35.3	38.0
-8.75°	29.9	30.3	30.6	30.9	31.2	31.6	32.1	32.7	33.6	35.1	37.2
-10°	29.9	30.2	30.6	30.8	31.1	31.5	31.9	32.6	33.3	34.8	36.4
-11.25°	29.8	30.2	30.5	30.8	31.0	31.4	31.8	32.4	33.0	34.4	35.8
-12.5°	29.7	30.1	30.5	30.7	31.0	31.3	31.7	32.3	32.9	34.0	35.4
-13.75°	29.6	30.0	30.4	30.7	30.9	31.2	31.6	32.1	32.7	33.6	35.0
-15°	29.5	29.9	30.3	30.6	30.8	31.1	31.5	31.9	32.5	33.1	34.5
-16.25°	29.3	29.8	30.2	30.6	30.8	31.0	31.4	31.8	32.3	32.9	34.0
-17.5°	29.2	29.7	30.1	30.5	30.7	30.9	31.3	31.6	32.1	32.7	33.4
-18.75°	29.0	29.6	30.0	30.4	30.6	30.9	31.1	31.5	31.9	32.4	33.0
-20°	28.8	29.4	29.9	30.2	30.5	30.8	31.0	31.3	31.7	32.2	32.7
-21.25°	28.6	29.2	29.7	30.1	30.4	30.7	30.9	31.2	31.5	31.9	32.4



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	28.4	29.0	29.5	30.0	30.3	30.6	30.8	31.0	31.4	31.7	32.1
-23.75°	28.2	28.8	29.3	29.8	30.1	30.5	30.7	30.9	31.2	31.5	31.8
-25°	28.0	28.5	29.1	29.6	30.0	30.3	30.6	30.8	31.0	31.3	31.6
-26.25°	27.8	28.3	28.8	29.4	29.8	30.1	30.5	30.7	30.9	31.1	31.4
-27.5°	27.5	28.0	28.6	29.1	29.6	30.0	30.3	30.6	30.8	30.9	31.2
-28.75°	27.3	27.8	28.3	28.8	29.3	29.8	30.1	30.4	30.6	30.8	31.0
-30°	27.0	27.5	28.0	28.5	29.0	29.5	29.9	30.2	30.5	30.7	30.9
-31.25°	26.6	27.2	27.7	28.2	28.7	29.2	29.7	30.0	30.3	30.5	30.7
-32.5°	26.3	26.9	27.5	27.9	28.4	28.9	29.4	29.8	30.1	30.3	30.6
-33.75°	25.9	26.5	27.2	27.6	28.1	28.6	29.0	29.5	29.8	30.1	30.4
-35°	25.5	26.1	26.8	27.3	27.8	28.2	28.7	29.1	29.5	29.9	30.1
-36.25°	25.1	25.7	26.3	26.9	27.4	27.9	28.3	28.7	29.2	29.6	29.9
-37.5°	24.6	25.3	25.9	26.5	27.1	27.5	27.9	28.4	28.8	29.2	29.6
-38.75°	24.0	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	28.8	29.2
-40°	23.5	24.2	24.9	25.6	26.1	26.7	27.2	27.6	28.0	28.4	28.7
-41.25°	23.0	23.7	24.4	25.1	25.7	26.2	26.7	27.2	27.6	27.9	28.3
-42.5°	22.4	23.1	23.8	24.5	25.1	25.7	26.2	26.7	27.2	27.5	27.9
-43.75°	21.9	22.5	23.2	23.8	24.5	25.1	25.7	26.1	26.6	27.1	27.4
-45°	21.3	22.0	22.6	23.2	23.8	24.5	25.1	25.6	26.1	26.5	26.9
-46.25°	20.7	21.4	22.0	22.6	23.2	23.8	24.4	24.9	25.5	25.9	26.3
-47.5°	19.8	20.7	21.4	22.0	22.5	23.1	23.7	24.2	24.8	25.3	25.7
-48.75°	19.0	19.8	20.7	21.3	21.9	22.4	23.0	23.5	24.0	24.6	25.1
-50°	18.2	19.0	19.8	20.5	21.2	21.8	22.3	22.8	23.3	23.8	24.3
-51.25°	17.3	18.1	18.9	19.6	20.4	21.1	21.6	22.1	22.5	23.0	23.5
-52.5°	16.4	17.2	18.0	18.7	19.4	20.1	20.8	21.3	21.8	22.3	22.7
-53.75°	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.4	21.1	21.5	21.9
-55°	14.7	15.4	16.1	16.8	17.5	18.1	18.8	19.4	20.0	20.6	21.1
-56.25°	14.0	14.5	15.1	15.8	16.4	17.1	17.7	18.3	18.9	19.5	20.0
-57.5°	13.2	13.8	14.3	14.8	15.4	16.0	16.6	17.2	17.8	18.4	18.9
-58.75°	12.5	13.0	13.5	14.0	14.5	15.0	15.6	16.1	16.7	17.2	17.8
-60°	11.8	12.3	12.7	13.2	13.7	14.1	14.6	15.0	15.6	16.1	16.6
-61.25°	11.2	11.6	12.0	12.4	12.8	13.3	13.7	14.1	14.5	14.9	15.4
-62.5°	10.5	10.9	11.3	11.7	12.0	12.4	12.8	13.2	13.6	14.0	14.4
-63.75°	9.9	10.2	10.6	10.9	11.3	11.6	12.0	12.3	12.7	13.0	13.4
-65°	9.4	9.7	10.0	10.2	10.5	10.9	11.2	11.5	11.8	12.1	12.4
-66.25°	8.9	9.1	9.4	9.7	9.9	10.1	10.4	10.7	11.0	11.3	11.6
-67.5°	8.5	8.6	8.8	9.1	9.3	9.5	9.8	10.0	10.2	10.5	10.7
-68.75°	8.2	8.3	8.4	8.5	8.7	8.9	9.2	9.4	9.6	9.8	10.0
-70°	7.9	8.0	8.1	8.2	8.3	8.5	8.6	8.7	8.9	9.1	9.3
-71.25°	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6
-72.5°	7.1	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3
-73.75°	6.7	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9
-75°	6.3	6.4	6.6	6.7	6.8	6.9	7.0	7.1	7.3	7.4	7.5
-76.25°	5.7	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	6.9	6.9
-77.5°	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.4



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7	5.8
-80°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1
-81.25°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4
-82.5°	3.0	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7
-83.75°	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0
-85°	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3
-86.25°	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7
-87.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.4	0.4	0.4	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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
86.25°	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0
85°	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7
83.75°	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
82.5°	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3
81.25°	4.5	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.0	5.1
80°	5.2	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9
78.75°	5.9	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6
77.5°	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1	7.2
76.25°	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8
75°	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2
73.75°	8.0	8.0	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.6
72.5°	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.2	9.3	9.4
71.25°	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.9	10.0	10.1
70°	9.5	9.6	9.8	10.0	10.1	10.3	10.4	10.6	10.8	11.0	11.1
68.75°	10.1	10.3	10.6	10.8	11.0	11.2	11.4	11.6	11.8	11.9	12.1
67.5°	11.0	11.2	11.5	11.7	11.9	12.2	12.4	12.6	12.8	13.0	13.2
66.25°	11.9	12.1	12.4	12.6	12.9	13.2	13.4	13.7	13.9	14.1	14.3
65°	12.8	13.1	13.4	13.7	14.0	14.2	14.5	14.8	15.0	15.3	15.6
63.75°	13.7	14.1	14.4	14.7	15.0	15.4	15.7	16.1	16.4	16.7	17.0
62.5°	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.4	17.8	18.1	18.4
61.25°	15.9	16.3	16.8	17.2	17.6	18.0	18.4	18.8	19.1	19.4	19.8
60°	17.1	17.6	18.0	18.5	18.9	19.3	19.7	20.1	20.4	20.8	21.1
58.75°	18.3	18.8	19.2	19.7	20.1	20.6	21.0	21.3	21.6	21.8	22.1
57.5°	19.4	19.9	20.4	20.9	21.3	21.6	21.9	22.2	22.5	22.7	23.0
56.25°	20.6	21.1	21.5	21.8	22.2	22.5	22.8	23.1	23.4	23.7	24.0
55°	21.5	21.9	22.3	22.7	23.0	23.4	23.7	24.0	24.4	24.7	25.0
53.75°	22.3	22.7	23.1	23.5	23.9	24.3	24.6	25.0	25.3	25.6	25.8
52.5°	23.1	23.6	24.0	24.4	24.8	25.2	25.5	25.8	26.1	26.3	26.6
51.25°	23.9	24.4	24.8	25.3	25.6	25.9	26.2	26.5	26.8	27.1	27.3
50°	24.8	25.2	25.6	26.0	26.3	26.6	26.9	27.2	27.4	27.6	27.8
48.75°	25.5	25.9	26.3	26.6	27.0	27.3	27.5	27.8	28.0	28.2	28.4
47.5°	26.1	26.5	26.9	27.2	27.5	27.8	28.0	28.3	28.5	28.8	29.0
46.25°	26.8	27.2	27.5	27.7	28.0	28.3	28.6	28.8	29.1	29.3	29.5
45°	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.6	29.8	30.0
43.75°	27.8	28.1	28.4	28.7	29.0	29.3	29.6	29.8	30.0	30.1	30.3
42.5°	28.2	28.6	28.9	29.2	29.5	29.8	30.0	30.1	30.3	30.5	30.6
41.25°	28.7	29.0	29.4	29.7	29.9	30.1	30.3	30.5	30.6	30.7	30.8
40°	29.1	29.5	29.8	30.0	30.2	30.4	30.6	30.7	30.8	30.9	31.0
38.75°	29.5	29.8	30.1	30.3	30.5	30.6	30.8	30.9	31.0	31.2	31.4
37.5°	29.9	30.1	30.3	30.5	30.7	30.8	30.9	31.1	31.3	31.5	31.7
36.25°	30.1	30.4	30.6	30.7	30.9	31.0	31.2	31.4	31.6	31.8	32.1
35°	30.4	30.6	30.7	30.9	31.1	31.3	31.5	31.7	32.0	32.4	32.7



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	30.6	30.7	30.9	31.1	31.3	31.6	31.8	32.2	32.5	32.9	33.3
32.5°	30.7	30.9	31.1	31.4	31.6	31.9	32.3	32.7	33.0	33.7	34.5
31.25°	30.9	31.1	31.4	31.6	31.9	32.3	32.7	33.2	34.0	34.9	35.7
30°	31.1	31.3	31.6	31.9	32.4	32.8	33.3	34.3	35.2	36.0	38.2
28.75°	31.3	31.6	31.9	32.3	32.8	33.4	34.4	35.3	36.5	38.9	41.3
27.5°	31.5	31.8	32.3	32.7	33.3	34.4	35.4	36.8	39.4	41.9	44.5
26.25°	31.7	32.2	32.7	33.2	34.3	35.3	36.8	39.5	42.2	45.5	50.5
25°	32.0	32.5	33.0	34.0	35.2	36.5	39.4	42.2	45.8	51.2	56.4
23.75°	32.4	32.9	33.7	34.9	36.0	38.9	41.9	45.5	51.2	56.7	62.5
22.5°	32.7	33.3	34.5	35.7	38.2	41.3	44.5	50.5	56.4	62.5	69.1
21.25°	33.0	34.1	35.3	37.2	40.4	43.6	49.3	55.4	61.7	68.7	75.6
20°	33.5	34.8	36.0	39.2	42.6	47.4	53.8	60.2	67.5	74.8	82.6
18.75°	34.1	35.4	37.7	41.2	44.9	51.6	58.2	65.5	73.1	80.9	91.3
17.5°	34.7	36.1	39.5	43.1	48.8	55.6	62.7	70.7	78.5	88.6	109.1
16.25°	35.3	37.6	41.2	45.3	52.4	59.4	67.5	75.6	85.0	102.3	137.2
15°	35.9	39.2	42.8	48.7	55.9	63.5	71.9	80.4	93.0	121.0	172.1
13.75°	36.8	40.6	44.3	51.7	59.1	67.5	76.1	86.4	106.9	149.3	214.6
12.5°	38.1	41.9	47.1	54.6	62.3	71.2	80.0	93.5	125.0	182.3	260.3
11.25°	39.2	43.1	49.6	57.2	65.6	74.6	84.9	104.9	148.2	217.4	305.0
10°	40.3	44.2	51.9	59.6	68.6	77.7	89.3	116.1	173.2	254.2	351.7
8.75°	41.2	46.0	53.9	61.9	71.2	80.6	96.5	134.1	200.5	289.1	394.0
7.5°	42.0	47.7	55.6	64.1	73.5	83.9	104.3	150.0	224.5	321.7	435.0
6.25°	42.7	49.1	57.1	66.0	75.5	86.8	110.9	164.9	249.1	352.1	470.8
5°	43.3	50.3	58.4	67.5	77.1	89.1	118.3	181.0	269.7	377.2	500.5
3.75°	43.7	51.3	59.3	68.7	78.4	91.3	126.6	193.7	286.0	396.9	524.9
2.5°	44.0	51.9	60.0	69.6	79.3	94.3	132.6	202.7	297.6	412.4	542.6
1.25°	44.2	52.3	60.5	70.1	79.8	96.0	136.2	208.2	304.7	422.0	553.2
0°	44.3	52.5	60.6	70.3	80.0	96.6	137.4	210.1	307.0	425.2	556.8
-1.25°	44.2	52.3	60.5	70.1	79.8	96.0	136.2	208.2	304.7	422.0	553.2
-2.5°	44.0	51.9	60.0	69.6	79.3	94.3	132.6	202.7	297.6	412.4	542.6
-3.75°	43.7	51.3	59.3	68.7	78.4	91.3	126.6	193.7	286.0	396.9	524.9
-5°	43.3	50.3	58.4	67.5	77.1	89.1	118.3	181.0	269.7	377.2	500.5
-6.25°	42.7	49.1	57.1	66.0	75.5	86.8	110.9	164.9	249.1	352.1	470.8
-7.5°	42.0	47.7	55.6	64.1	73.5	83.9	104.3	150.0	224.5	321.7	435.0
-8.75°	41.2	46.0	53.9	61.9	71.2	80.6	96.5	134.1	200.5	289.1	394.0
-10°	40.3	44.2	51.9	59.6	68.6	77.7	89.3	116.1	173.2	254.2	351.7
-11.25°	39.2	43.1	49.6	57.2	65.6	74.6	84.9	104.9	148.2	217.4	305.0
-12.5°	38.1	41.9	47.1	54.6	62.3	71.2	80.0	93.5	125.0	182.3	260.3
-13.75°	36.8	40.6	44.3	51.7	59.1	67.5	76.1	86.4	106.9	149.3	214.6
-15°	35.9	39.2	42.8	48.7	55.9	63.5	71.9	80.4	93.0	121.0	172.1
-16.25°	35.3	37.6	41.2	45.3	52.4	59.4	67.5	75.6	85.0	102.3	137.2
-17.5°	34.7	36.1	39.5	43.1	48.8	55.6	62.7	70.7	78.5	88.6	109.1
-18.75°	34.1	35.4	37.7	41.2	44.9	51.6	58.2	65.5	73.1	80.9	91.3
-20°	33.5	34.8	36.0	39.2	42.6	47.4	53.8	60.2	67.5	74.8	82.6
-21.25°	33.0	34.1	35.3	37.2	40.4	43.6	49.3	55.4	61.7	68.7	75.6





REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
-22.5°	32.7	33.3	34.5	35.7	38.2	41.3	44.5	50.5	56.4	62.5	69.1
-23.75°	32.4	32.9	33.7	34.9	36.0	38.9	41.9	45.5	51.2	56.7	62.5
-25°	32.0	32.5	33.0	34.0	35.2	36.5	39.4	42.2	45.8	51.2	56.4
-26.25°	31.7	32.2	32.7	33.2	34.3	35.3	36.8	39.5	42.2	45.5	50.5
-27.5°	31.5	31.8	32.3	32.7	33.3	34.4	35.4	36.8	39.4	41.9	44.5
-28.75°	31.3	31.6	31.9	32.3	32.8	33.4	34.4	35.3	36.5	38.9	41.3
-30°	31.1	31.3	31.6	31.9	32.4	32.8	33.3	34.3	35.2	36.0	38.2
-31.25°	30.9	31.1	31.4	31.6	31.9	32.3	32.7	33.2	34.0	34.9	35.7
-32.5°	30.7	30.9	31.1	31.4	31.6	31.9	32.3	32.7	33.0	33.7	34.5
-33.75°	30.6	30.7	30.9	31.1	31.3	31.6	31.8	32.2	32.5	32.9	33.3
-35°	30.4	30.6	30.7	30.9	31.1	31.3	31.5	31.7	32.0	32.4	32.7
-36.25°	30.1	30.4	30.6	30.7	30.9	31.0	31.2	31.4	31.6	31.8	32.1
-37.5°	29.9	30.1	30.3	30.5	30.7	30.8	30.9	31.1	31.3	31.5	31.7
-38.75°	29.5	29.8	30.1	30.3	30.5	30.6	30.8	30.9	31.0	31.2	31.4
-40°	29.1	29.5	29.8	30.0	30.2	30.4	30.6	30.7	30.8	30.9	31.0
-41.25°	28.7	29.0	29.4	29.7	29.9	30.1	30.3	30.5	30.6	30.7	30.8
-42.5°	28.2	28.6	28.9	29.2	29.5	29.8	30.0	30.1	30.3	30.5	30.6
-43.75°	27.8	28.1	28.4	28.7	29.0	29.3	29.6	29.8	30.0	30.1	30.3
-45°	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.6	29.8	30.0
-46.25°	26.8	27.2	27.5	27.7	28.0	28.3	28.6	28.8	29.1	29.3	29.5
-47.5°	26.1	26.5	26.9	27.2	27.5	27.8	28.0	28.3	28.5	28.8	29.0
-48.75°	25.5	25.9	26.3	26.6	27.0	27.3	27.5	27.8	28.0	28.2	28.4
-50°	24.8	25.2	25.6	26.0	26.3	26.6	26.9	27.2	27.4	27.6	27.8
-51.25°	23.9	24.4	24.8	25.3	25.6	25.9	26.2	26.5	26.8	27.1	27.3
-52.5°	23.1	23.6	24.0	24.4	24.8	25.2	25.5	25.8	26.1	26.3	26.6
-53.75°	22.3	22.7	23.1	23.5	23.9	24.3	24.6	25.0	25.3	25.6	25.8
-55°	21.5	21.9	22.3	22.7	23.0	23.4	23.7	24.0	24.4	24.7	25.0
-56.25°	20.6	21.1	21.5	21.8	22.2	22.5	22.8	23.1	23.4	23.7	24.0
-57.5°	19.4	19.9	20.4	20.9	21.3	21.6	21.9	22.2	22.5	22.7	23.0
-58.75°	18.3	18.8	19.2	19.7	20.1	20.6	21.0	21.3	21.6	21.8	22.1
-60°	17.1	17.6	18.0	18.5	18.9	19.3	19.7	20.1	20.4	20.8	21.1
-61.25°	15.9	16.3	16.8	17.2	17.6	18.0	18.4	18.8	19.1	19.4	19.8
-62.5°	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.4	17.8	18.1	18.4
-63.75°	13.7	14.1	14.4	14.7	15.0	15.4	15.7	16.1	16.4	16.7	17.0
-65°	12.8	13.1	13.4	13.7	14.0	14.2	14.5	14.8	15.0	15.3	15.6
-66.25°	11.9	12.1	12.4	12.6	12.9	13.2	13.4	13.7	13.9	14.1	14.3
-67.5°	11.0	11.2	11.5	11.7	11.9	12.2	12.4	12.6	12.8	13.0	13.2
-68.75°	10.1	10.3	10.6	10.8	11.0	11.2	11.4	11.6	11.8	11.9	12.1
-70°	9.5	9.6	9.8	10.0	10.1	10.3	10.4	10.6	10.8	11.0	11.1
-71.25°	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.9	10.0	10.1
-72.5°	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.2	9.3	9.4
-73.75°	8.0	8.0	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.6
-75°	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2
-76.25°	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8
-77.5°	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1	7.2



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
-78.75°	5.9	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6
-80°	5.2	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9
-81.25°	4.5	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.0	5.1
-82.5°	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3
-83.75°	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
-85°	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7
-86.25°	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
-88.75°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
86.25°	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0
83.75°	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8
82.5°	4.4	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6
81.25°	5.1	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.5	5.5
80°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
78.75°	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.0	7.0
77.5°	7.3	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6	7.6
76.25°	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1
75°	8.2	8.3	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	8.5
73.75°	8.7	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3
72.5°	9.5	9.6	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	10.2
71.25°	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.1	11.2
70°	11.3	11.4	11.5	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.3
68.75°	12.3	12.4	12.6	12.7	12.9	13.0	13.1	13.2	13.3	13.4	13.5
67.5°	13.4	13.6	13.7	13.9	14.1	14.2	14.3	14.4	14.5	14.6	14.7
66.25°	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.1	16.2
65°	15.9	16.1	16.4	16.6	16.8	17.0	17.2	17.3	17.5	17.6	17.7
63.75°	17.3	17.6	17.8	18.0	18.3	18.4	18.6	18.8	19.0	19.1	19.2
62.5°	18.7	19.0	19.2	19.5	19.7	19.9	20.1	20.3	20.4	20.6	20.7
61.25°	20.1	20.3	20.6	20.9	21.1	21.3	21.4	21.5	21.6	21.7	21.8
60°	21.3	21.5	21.7	21.9	22.1	22.3	22.4	22.5	22.7	22.8	22.9
58.75°	22.3	22.5	22.7	22.9	23.1	23.3	23.4	23.6	23.7	23.8	23.9
57.5°	23.2	23.5	23.7	23.9	24.1	24.3	24.5	24.6	24.8	24.9	25.0
56.25°	24.2	24.5	24.7	25.0	25.2	25.4	25.5	25.6	25.8	25.9	25.9
55°	25.2	25.5	25.7	25.9	26.0	26.2	26.3	26.5	26.6	26.7	26.8
53.75°	26.0	26.3	26.5	26.6	26.8	27.0	27.1	27.2	27.3	27.4	27.5
52.5°	26.8	27.0	27.2	27.4	27.5	27.6	27.8	27.9	28.0	28.1	28.1
51.25°	27.5	27.6	27.8	28.0	28.1	28.2	28.4	28.5	28.6	28.7	28.8
50°	28.0	28.2	28.4	28.6	28.7	28.9	29.0	29.1	29.2	29.3	29.4
48.75°	28.6	28.8	29.0	29.2	29.3	29.5	29.6	29.7	29.8	29.9	29.9
47.5°	29.2	29.4	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.2	30.3
46.25°	29.7	29.9	30.0	30.1	30.2	30.3	30.4	30.5	30.5	30.6	30.6
45°	30.1	30.2	30.4	30.5	30.6	30.6	30.7	30.7	30.8	30.8	30.9
43.75°	30.4	30.5	30.6	30.7	30.8	30.8	30.9	31.0	31.0	31.1	31.2
42.5°	30.7	30.8	30.9	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.6
41.25°	30.9	31.0	31.1	31.3	31.4	31.5	31.6	31.7	31.8	31.9	32.1
40°	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.3	32.4	32.6	32.7
38.75°	31.5	31.7	31.9	32.1	32.3	32.5	32.7	32.9	33.0	33.3	33.6
37.5°	31.9	32.2	32.4	32.7	32.9	33.1	33.6	34.0	34.4	34.8	35.1
36.25°	32.4	32.7	33.0	33.4	34.0	34.5	35.0	35.4	35.8	36.4	37.2
35°	33.0	33.5	34.1	34.7	35.3	35.9	36.8	38.1	39.2	40.3	41.2



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	34.1	34.8	35.4	36.1	37.6	39.2	40.6	41.9	43.1	44.2	46.0
32.5°	35.3	36.0	37.7	39.5	41.2	42.8	44.3	47.1	49.6	51.9	53.9
31.25°	37.2	39.2	41.2	43.1	45.3	48.7	51.7	54.6	57.2	59.6	61.9
30°	40.4	42.6	44.9	48.8	52.4	55.9	59.1	62.3	65.6	68.6	71.2
28.75°	43.6	47.4	51.6	55.6	59.4	63.5	67.5	71.2	74.6	77.7	80.6
27.5°	49.3	53.8	58.2	62.7	67.5	71.9	76.1	80.0	84.9	89.3	96.5
26.25°	55.4	60.2	65.5	70.7	75.6	80.4	86.4	93.5	104.9	116.1	134.1
25°	61.7	67.5	73.1	78.5	85.0	93.0	106.9	125.0	148.2	173.2	200.5
23.75°	68.7	74.8	80.9	88.6	102.3	121.0	149.3	182.3	217.4	254.2	289.1
22.5°	75.6	82.6	91.3	109.1	137.2	172.1	214.6	260.3	305.0	351.7	394.0
21.25°	83.2	94.0	113.2	148.1	192.1	242.0	296.0	352.6	407.5	462.7	513.0
20°	94.0	114.8	153.5	204.3	262.2	324.2	389.2	456.3	520.7	581.9	636.6
18.75°	113.2	153.5	208.4	272.4	342.2	415.7	491.9	566.6	636.2	699.3	753.8
17.5°	148.1	204.3	272.4	348.3	429.7	514.0	597.8	675.4	745.5	807.6	866.6
16.25°	192.1	262.2	342.2	429.7	521.6	613.5	699.2	776.0	848.6	917.8	983.1
15°	242.0	324.2	415.7	514.0	613.5	707.2	791.5	873.9	953.9	1029.8	1100.7
13.75°	296.0	389.2	491.9	597.8	699.2	791.5	882.4	972.2	1059.0	1140.9	1214.2
12.5°	352.6	456.3	566.6	675.4	776.0	873.9	972.2	1068.8	1160.8	1245.1	1319.6
11.25°	407.5	520.7	636.2	745.5	848.6	953.9	1059.0	1160.8	1255.1	1340.6	1415.2
10°	462.7	581.9	699.3	807.6	917.8	1029.8	1140.9	1245.1	1340.6	1425.7	1500.7
8.75°	513.0	636.6	753.8	866.6	983.1	1100.7	1214.2	1319.6	1415.2	1500.7	1577.6
7.5°	559.3	684.4	801.0	919.5	1041.8	1163.5	1278.3	1384.2	1480.1	1567.0	1644.9
6.25°	599.2	725.1	843.3	967.0	1093.6	1217.4	1333.6	1439.8	1535.9	1624.1	1703.1
5°	631.8	757.1	879.2	1006.8	1137.0	1261.7	1377.8	1484.1	1581.9	1670.8	1752.7
3.75°	657.2	782.3	907.6	1038.5	1170.5	1296.1	1412.8	1519.7	1618.3	1707.9	1791.3
2.5°	675.6	800.5	928.4	1061.7	1194.8	1321.2	1438.2	1544.8	1643.7	1735.2	1820.2
1.25°	686.6	811.5	941.3	1075.8	1209.5	1336.4	1452.7	1560.0	1659.3	1752.0	1836.7
0°	690.4	815.2	945.6	1080.5	1214.5	1341.5	1457.6	1565.1	1664.6	1757.7	1842.1
-1.25°	686.6	811.5	941.3	1075.8	1209.5	1336.4	1452.7	1560.0	1659.3	1752.0	1836.7
-2.5°	675.6	800.5	928.4	1061.7	1194.8	1321.2	1438.2	1544.8	1643.7	1735.2	1820.2
-3.75°	657.2	782.3	907.6	1038.5	1170.5	1296.1	1412.8	1519.7	1618.3	1707.9	1791.3
-5°	631.8	757.1	879.2	1006.8	1137.0	1261.7	1377.8	1484.1	1581.9	1670.8	1752.7
-6.25°	599.2	725.1	843.3	967.0	1093.6	1217.4	1333.6	1439.8	1535.9	1624.1	1703.1
-7.5°	559.3	684.4	801.0	919.5	1041.8	1163.5	1278.3	1384.2	1480.1	1567.0	1644.9
-8.75°	513.0	636.6	753.8	866.6	983.1	1100.7	1214.2	1319.6	1415.2	1500.7	1577.6
-10°	462.7	581.9	699.3	807.6	917.8	1029.8	1140.9	1245.1	1340.6	1425.7	1500.7
-11.25°	407.5	520.7	636.2	745.5	848.6	953.9	1059.0	1160.8	1255.1	1340.6	1415.2
-12.5°	352.6	456.3	566.6	675.4	776.0	873.9	972.2	1068.8	1160.8	1245.1	1319.6
-13.75°	296.0	389.2	491.9	597.8	699.2	791.5	882.4	972.2	1059.0	1140.9	1214.2
-15°	242.0	324.2	415.7	514.0	613.5	707.2	791.5	873.9	953.9	1029.8	1100.7
-16.25°	192.1	262.2	342.2	429.7	521.6	613.5	699.2	776.0	848.6	917.8	983.1
-17.5°	148.1	204.3	272.4	348.3	429.7	514.0	597.8	675.4	745.5	807.6	866.6
-18.75°	113.2	153.5	208.4	272.4	342.2	415.7	491.9	566.6	636.2	699.3	753.8
-20°	94.0	114.8	153.5	204.3	262.2	324.2	389.2	456.3	520.7	581.9	636.6
-21.25°	83.2	94.0	113.2	148.1	192.1	242.0	296.0	352.6	407.5	462.7	513.0



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	75.6	82.6	91.3	109.1	137.2	172.1	214.6	260.3	305.0	351.7	394.0
-23.75°	68.7	74.8	80.9	88.6	102.3	121.0	149.3	182.3	217.4	254.2	289.1
-25°	61.7	67.5	73.1	78.5	85.0	93.0	106.9	125.0	148.2	173.2	200.5
-26.25°	55.4	60.2	65.5	70.7	75.6	80.4	86.4	93.5	104.9	116.1	134.1
-27.5°	49.3	53.8	58.2	62.7	67.5	71.9	76.1	80.0	84.9	89.3	96.5
-28.75°	43.6	47.4	51.6	55.6	59.4	63.5	67.5	71.2	74.6	77.7	80.6
-30°	40.4	42.6	44.9	48.8	52.4	55.9	59.1	62.3	65.6	68.6	71.2
-31.25°	37.2	39.2	41.2	43.1	45.3	48.7	51.7	54.6	57.2	59.6	61.9
-32.5°	35.3	36.0	37.7	39.5	41.2	42.8	44.3	47.1	49.6	51.9	53.9
-33.75°	34.1	34.8	35.4	36.1	37.6	39.2	40.6	41.9	43.1	44.2	46.0
-35°	33.0	33.5	34.1	34.7	35.3	35.9	36.8	38.1	39.2	40.3	41.2
-36.25°	32.4	32.7	33.0	33.4	34.0	34.5	35.0	35.4	35.8	36.4	37.2
-37.5°	31.9	32.2	32.4	32.7	32.9	33.1	33.6	34.0	34.4	34.8	35.1
-38.75°	31.5	31.7	31.9	32.1	32.3	32.5	32.7	32.9	33.0	33.3	33.6
-40°	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.3	32.4	32.6	32.7
-41.25°	30.9	31.0	31.1	31.3	31.4	31.5	31.6	31.7	31.8	31.9	32.1
-42.5°	30.7	30.8	30.9	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.6
-43.75°	30.4	30.5	30.6	30.7	30.8	30.8	30.9	31.0	31.0	31.1	31.2
-45°	30.1	30.2	30.4	30.5	30.6	30.6	30.7	30.7	30.8	30.8	30.9
-46.25°	29.7	29.9	30.0	30.1	30.2	30.3	30.4	30.5	30.5	30.6	30.6
-47.5°	29.2	29.4	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.2	30.3
-48.75°	28.6	28.8	29.0	29.2	29.3	29.5	29.6	29.7	29.8	29.9	29.9
-50°	28.0	28.2	28.4	28.6	28.7	28.9	29.0	29.1	29.2	29.3	29.4
-51.25°	27.5	27.6	27.8	28.0	28.1	28.2	28.4	28.5	28.6	28.7	28.8
-52.5°	26.8	27.0	27.2	27.4	27.5	27.6	27.8	27.9	28.0	28.1	28.1
-53.75°	26.0	26.3	26.5	26.6	26.8	27.0	27.1	27.2	27.3	27.4	27.5
-55°	25.2	25.5	25.7	25.9	26.0	26.2	26.3	26.5	26.6	26.7	26.8
-56.25°	24.2	24.5	24.7	25.0	25.2	25.4	25.5	25.6	25.8	25.9	25.9
-57.5°	23.2	23.5	23.7	23.9	24.1	24.3	24.5	24.6	24.8	24.9	25.0
-58.75°	22.3	22.5	22.7	22.9	23.1	23.3	23.4	23.6	23.7	23.8	23.9
-60°	21.3	21.5	21.7	21.9	22.1	22.3	22.4	22.5	22.7	22.8	22.9
-61.25°	20.1	20.3	20.6	20.9	21.1	21.3	21.4	21.5	21.6	21.7	21.8
-62.5°	18.7	19.0	19.2	19.5	19.7	19.9	20.1	20.3	20.4	20.6	20.7
-63.75°	17.3	17.6	17.8	18.0	18.3	18.4	18.6	18.8	19.0	19.1	19.2
-65°	15.9	16.1	16.4	16.6	16.8	17.0	17.2	17.3	17.5	17.6	17.7
-66.25°	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.1	16.2
-67.5°	13.4	13.6	13.7	13.9	14.1	14.2	14.3	14.4	14.5	14.6	14.7
-68.75°	12.3	12.4	12.6	12.7	12.9	13.0	13.1	13.2	13.3	13.4	13.5
-70°	11.3	11.4	11.5	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.3
-71.25°	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.1	11.2
-72.5°	9.5	9.6	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	10.2
-73.75°	8.7	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3
-75°	8.2	8.3	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	8.5
-76.25°	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1
-77.5°	7.3	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6	7.6



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.0	7.0
-80°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
-81.25°	5.1	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.5	5.5
-82.5°	4.4	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6
-83.75°	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8
-85°	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0
-86.25°	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1
-87.5°	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
86.25°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
81.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.5	5.5	5.5	5.5
80°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
78.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.0	7.0	7.0
77.5°	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
76.25°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
73.75°	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.4	9.4
72.5°	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
71.25°	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3
70°	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
68.75°	13.6	13.6	13.7	13.7	13.7	13.7	13.8	13.7	13.7	13.7	13.7
67.5°	14.8	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	14.9	14.9
66.25°	16.3	16.4	16.4	16.5	16.5	16.5	16.6	16.5	16.5	16.5	16.4
65°	17.8	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.0	18.0
63.75°	19.3	19.4	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.5	19.5
62.5°	20.8	20.9	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.0	21.0
61.25°	21.9	22.0	22.0	22.1	22.1	22.1	22.2	22.1	22.1	22.1	22.0
60°	23.0	23.0	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.1	23.1
58.75°	24.0	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.2	24.2
57.5°	25.1	25.2	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.3	25.3
56.25°	26.0	26.1	26.2	26.2	26.2	26.2	26.3	26.2	26.2	26.2	26.2
55°	26.9	26.9	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.0	27.0
53.75°	27.6	27.6	27.7	27.7	27.7	27.7	27.8	27.7	27.7	27.7	27.7
52.5°	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.3
51.25°	28.8	28.9	29.0	29.0	29.0	29.0	29.1	29.0	29.0	29.0	29.0
50°	29.5	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.6	29.6
48.75°	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.0
47.5°	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.4
46.25°	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.7	30.7	30.7	30.7
45°	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
43.75°	31.2	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.3
42.5°	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.7
41.25°	32.2	32.2	32.3	32.4	32.4	32.4	32.5	32.4	32.4	32.4	32.3
40°	32.8	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.0	33.0
38.75°	33.9	34.1	34.3	34.4	34.5	34.6	34.6	34.6	34.5	34.4	34.3
37.5°	35.3	35.6	35.8	35.9	36.0	36.1	36.1	36.1	36.0	35.9	35.8
36.25°	38.0	38.7	39.2	39.7	40.0	40.1	40.2	40.1	40.0	39.7	39.2
35°	42.0	42.7	43.3	43.7	44.0	44.2	44.3	44.2	44.0	43.7	43.3



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	47.7	49.1	50.3	51.3	51.9	52.3	52.5	52.3	51.9	51.3	50.3
32.5°	55.6	57.1	58.4	59.3	60.0	60.5	60.6	60.5	60.0	59.3	58.4
31.25°	64.1	66.0	67.5	68.7	69.6	70.1	70.3	70.1	69.6	68.7	67.5
30°	73.5	75.5	77.1	78.4	79.3	79.8	80.0	79.8	79.3	78.4	77.1
28.75°	83.9	86.8	89.1	91.3	94.3	96.0	96.6	96.0	94.3	91.3	89.1
27.5°	104.3	110.9	118.3	126.6	132.6	136.2	137.4	136.2	132.6	126.6	118.3
26.25°	150.0	164.9	181.0	193.7	202.7	208.2	210.1	208.2	202.7	193.7	181.0
25°	224.5	249.1	269.7	286.0	297.6	304.7	307.0	304.7	297.6	286.0	269.7
23.75°	321.7	352.1	377.2	396.9	412.4	422.0	425.2	422.0	412.4	396.9	377.2
22.5°	435.0	470.8	500.5	524.9	542.6	553.2	556.8	553.2	542.6	524.9	500.5
21.25°	559.3	599.2	631.8	657.2	675.6	686.6	690.4	686.6	675.6	657.2	631.8
20°	684.4	725.1	757.1	782.3	800.5	811.5	815.2	811.5	800.5	782.3	757.1
18.75°	801.0	843.3	879.2	907.6	928.4	941.3	945.6	941.3	928.4	907.6	879.2
17.5°	919.5	967.0	1006.8	1038.5	1061.7	1075.8	1080.5	1075.8	1061.7	1038.5	1006.8
16.25°	1041.8	1093.6	1137.0	1170.5	1194.8	1209.5	1214.5	1209.5	1194.8	1170.5	1137.0
15°	1163.5	1217.4	1261.7	1296.1	1321.2	1336.4	1341.5	1336.4	1321.2	1296.1	1261.7
13.75°	1278.3	1333.6	1377.8	1412.8	1438.2	1452.7	1457.6	1452.7	1438.2	1412.8	1377.8
12.5°	1384.2	1439.8	1484.1	1519.7	1544.8	1560.0	1565.1	1560.0	1544.8	1519.7	1484.1
11.25°	1480.1	1535.9	1581.9	1618.3	1643.7	1659.3	1664.6	1659.3	1643.7	1618.3	1581.9
10°	1567.0	1624.1	1670.8	1707.9	1735.2	1752.0	1757.7	1752.0	1735.2	1707.9	1670.8
8.75°	1644.9	1703.1	1752.7	1791.3	1820.2	1836.7	1842.1	1836.7	1820.2	1791.3	1752.7
7.5°	1714.0	1774.9	1826.5	1864.5	1892.8	1908.9	1914.5	1908.9	1892.8	1864.5	1826.5
6.25°	1774.9	1837.2	1887.7	1926.0	1952.7	1967.7	1973.0	1967.7	1952.7	1926.0	1887.7
5°	1826.5	1887.7	1937.7	1973.1	1996.7	2010.8	2015.7	2010.8	1996.7	1973.1	1937.7
3.75°	1864.5	1926.0	1973.1	2006.0	2027.6	2040.5	2043.4	2040.5	2027.6	2006.0	1973.1
2.5°	1892.8	1952.7	1996.7	2027.6	2046.4	2055.2	2057.0	2055.2	2046.4	2027.6	1996.7
1.25°	1908.9	1967.7	2010.8	2040.5	2055.2	2061.5	2064.8	2061.5	2055.2	2040.5	2010.8
0°	1914.5	1973.0	2015.7	2043.4	2057.0	2064.8	2072.5	2064.8	2057.0	2043.4	2015.7
-1.25°	1908.9	1967.7	2010.8	2040.5	2055.2	2061.5	2064.8	2061.5	2055.2	2040.5	2010.8
-2.5°	1892.8	1952.7	1996.7	2027.6	2046.4	2055.2	2057.0	2055.2	2046.4	2027.6	1996.7
-3.75°	1864.5	1926.0	1973.1	2006.0	2027.6	2040.5	2043.4	2040.5	2027.6	2006.0	1973.1
-5°	1826.5	1887.7	1937.7	1973.1	1996.7	2010.8	2015.7	2010.8	1996.7	1973.1	1937.7
-6.25°	1774.9	1837.2	1887.7	1926.0	1952.7	1967.7	1973.0	1967.7	1952.7	1926.0	1887.7
-7.5°	1714.0	1774.9	1826.5	1864.5	1892.8	1908.9	1914.5	1908.9	1892.8	1864.5	1826.5
-8.75°	1644.9	1703.1	1752.7	1791.3	1820.2	1836.7	1842.1	1836.7	1820.2	1791.3	1752.7
-10°	1567.0	1624.1	1670.8	1707.9	1735.2	1752.0	1757.7	1752.0	1735.2	1707.9	1670.8
-11.25°	1480.1	1535.9	1581.9	1618.3	1643.7	1659.3	1664.6	1659.3	1643.7	1618.3	1581.9
-12.5°	1384.2	1439.8	1484.1	1519.7	1544.8	1560.0	1565.1	1560.0	1544.8	1519.7	1484.1
-13.75°	1278.3	1333.6	1377.8	1412.8	1438.2	1452.7	1457.6	1452.7	1438.2	1412.8	1377.8
-15°	1163.5	1217.4	1261.7	1296.1	1321.2	1336.4	1341.5	1336.4	1321.2	1296.1	1261.7
-16.25°	1041.8	1093.6	1137.0	1170.5	1194.8	1209.5	1214.5	1209.5	1194.8	1170.5	1137.0
-17.5°	919.5	967.0	1006.8	1038.5	1061.7	1075.8	1080.5	1075.8	1061.7	1038.5	1006.8
-18.75°	801.0	843.3	879.2	907.6	928.4	941.3	945.6	941.3	928.4	907.6	879.2
-20°	684.4	725.1	757.1	782.3	800.5	811.5	815.2	811.5	800.5	782.3	757.1
-21.25°	559.3	599.2	631.8	657.2	675.6	686.6	690.4	686.6	675.6	657.2	631.8





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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	435.0	470.8	500.5	524.9	542.6	553.2	556.8	553.2	542.6	524.9	500.5
-23.75°	321.7	352.1	377.2	396.9	412.4	422.0	425.2	422.0	412.4	396.9	377.2
-25°	224.5	249.1	269.7	286.0	297.6	304.7	307.0	304.7	297.6	286.0	269.7
-26.25°	150.0	164.9	181.0	193.7	202.7	208.2	210.1	208.2	202.7	193.7	181.0
-27.5°	104.3	110.9	118.3	126.6	132.6	136.2	137.4	136.2	132.6	126.6	118.3
-28.75°	83.9	86.8	89.1	91.3	94.3	96.0	96.6	96.0	94.3	91.3	89.1
-30°	73.5	75.5	77.1	78.4	79.3	79.8	80.0	79.8	79.3	78.4	77.1
-31.25°	64.1	66.0	67.5	68.7	69.6	70.1	70.3	70.1	69.6	68.7	67.5
-32.5°	55.6	57.1	58.4	59.3	60.0	60.5	60.6	60.5	60.0	59.3	58.4
-33.75°	47.7	49.1	50.3	51.3	51.9	52.3	52.5	52.3	51.9	51.3	50.3
-35°	42.0	42.7	43.3	43.7	44.0	44.2	44.3	44.2	44.0	43.7	43.3
-36.25°	38.0	38.7	39.2	39.7	40.0	40.1	40.2	40.1	40.0	39.7	39.2
-37.5°	35.3	35.6	35.8	35.9	36.0	36.1	36.1	36.1	36.0	35.9	35.8
-38.75°	33.9	34.1	34.3	34.4	34.5	34.6	34.6	34.6	34.5	34.4	34.3
-40°	32.8	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.0	33.0
-41.25°	32.2	32.2	32.3	32.4	32.4	32.4	32.5	32.4	32.4	32.4	32.3
-42.5°	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.7
-43.75°	31.2	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.3
-45°	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
-46.25°	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.7	30.7	30.7	30.7
-47.5°	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.4
-48.75°	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.0
-50°	29.5	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.6	29.6
-51.25°	28.8	28.9	29.0	29.0	29.0	29.0	29.1	29.0	29.0	29.0	29.0
-52.5°	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.3
-53.75°	27.6	27.6	27.7	27.7	27.7	27.7	27.8	27.7	27.7	27.7	27.7
-55°	26.9	26.9	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.0	27.0
-56.25°	26.0	26.1	26.2	26.2	26.2	26.2	26.3	26.2	26.2	26.2	26.2
-57.5°	25.1	25.2	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.3	25.3
-58.75°	24.0	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.2	24.2
-60°	23.0	23.0	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.1	23.1
-61.25°	21.9	22.0	22.0	22.1	22.1	22.1	22.2	22.1	22.1	22.1	22.0
-62.5°	20.8	20.9	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.0	21.0
-63.75°	19.3	19.4	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.5	19.5
-65°	17.8	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.0	18.0
-66.25°	16.3	16.4	16.4	16.5	16.5	16.5	16.6	16.5	16.5	16.5	16.4
-67.5°	14.8	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	14.9	14.9
-68.75°	13.6	13.6	13.7	13.7	13.7	13.7	13.8	13.7	13.7	13.7	13.7
-70°	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
-71.25°	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3
-72.5°	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
-73.75°	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.4	9.4
-75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
-76.25°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
-77.5°	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.0	7.0	7.0
-80°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-81.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.5	5.5	5.5	5.5
-82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
-83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-86.25°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1
-87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-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: P220475 (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°
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
86.25°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0
85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8
83.75°	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6
82.5°	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.4
81.25°	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.2
80°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
78.75°	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7
77.5°	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3
76.25°	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9
75°	8.6	8.6	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3
73.75°	9.4	9.4	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.8
72.5°	10.2	10.2	10.2	10.1	10.1	10.0	9.9	9.9	9.8	9.7	9.6
71.25°	11.3	11.3	11.2	11.1	11.1	11.0	10.9	10.8	10.7	10.6	10.5
70°	12.4	12.3	12.3	12.2	12.1	12.1	12.0	11.9	11.8	11.7	11.5
68.75°	13.6	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.7	12.6
67.5°	14.9	14.8	14.7	14.6	14.5	14.4	14.3	14.2	14.1	13.9	13.7
66.25°	16.4	16.3	16.2	16.1	16.0	15.8	15.7	15.5	15.3	15.1	14.9
65°	17.9	17.8	17.7	17.6	17.5	17.3	17.2	17.0	16.8	16.6	16.4
63.75°	19.4	19.3	19.2	19.1	19.0	18.8	18.6	18.4	18.3	18.0	17.8
62.5°	20.9	20.8	20.7	20.6	20.4	20.3	20.1	19.9	19.7	19.5	19.2
61.25°	22.0	21.9	21.8	21.7	21.6	21.5	21.4	21.3	21.1	20.9	20.6
60°	23.0	23.0	22.9	22.8	22.7	22.5	22.4	22.3	22.1	21.9	21.7
58.75°	24.1	24.0	23.9	23.8	23.7	23.6	23.4	23.3	23.1	22.9	22.7
57.5°	25.2	25.1	25.0	24.9	24.8	24.6	24.5	24.3	24.1	23.9	23.7
56.25°	26.1	26.0	25.9	25.9	25.8	25.6	25.5	25.4	25.2	25.0	24.7
55°	26.9	26.9	26.8	26.7	26.6	26.5	26.3	26.2	26.0	25.9	25.7
53.75°	27.6	27.6	27.5	27.4	27.3	27.2	27.1	27.0	26.8	26.6	26.5
52.5°	28.3	28.2	28.1	28.1	28.0	27.9	27.8	27.6	27.5	27.4	27.2
51.25°	28.9	28.8	28.8	28.7	28.6	28.5	28.4	28.2	28.1	28.0	27.8
50°	29.6	29.5	29.4	29.3	29.2	29.1	29.0	28.9	28.7	28.6	28.4
48.75°	30.0	30.0	29.9	29.9	29.8	29.7	29.6	29.5	29.3	29.2	29.0
47.5°	30.4	30.4	30.3	30.2	30.2	30.1	30.0	29.9	29.8	29.7	29.6
46.25°	30.7	30.7	30.6	30.6	30.5	30.5	30.4	30.3	30.2	30.1	30.0
45°	30.9	30.9	30.9	30.8	30.8	30.7	30.7	30.6	30.6	30.5	30.4
43.75°	31.3	31.2	31.2	31.1	31.0	31.0	30.9	30.8	30.8	30.7	30.6
42.5°	31.7	31.6	31.6	31.5	31.4	31.3	31.2	31.1	31.0	30.9	30.9
41.25°	32.2	32.2	32.1	31.9	31.8	31.7	31.6	31.5	31.4	31.3	31.1
40°	32.9	32.8	32.7	32.6	32.4	32.3	32.1	31.9	31.8	31.6	31.5
38.75°	34.1	33.9	33.6	33.3	33.0	32.9	32.7	32.5	32.3	32.1	31.9
37.5°	35.6	35.3	35.1	34.8	34.4	34.0	33.6	33.1	32.9	32.7	32.4
36.25°	38.7	38.0	37.2	36.4	35.8	35.4	35.0	34.5	34.0	33.4	33.0
35°	42.7	42.0	41.2	40.3	39.2	38.1	36.8	35.9	35.3	34.7	34.1



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	49.1	47.7	46.0	44.2	43.1	41.9	40.6	39.2	37.6	36.1	35.4
32.5°	57.1	55.6	53.9	51.9	49.6	47.1	44.3	42.8	41.2	39.5	37.7
31.25°	66.0	64.1	61.9	59.6	57.2	54.6	51.7	48.7	45.3	43.1	41.2
30°	75.5	73.5	71.2	68.6	65.6	62.3	59.1	55.9	52.4	48.8	44.9
28.75°	86.8	83.9	80.6	77.7	74.6	71.2	67.5	63.5	59.4	55.6	51.6
27.5°	110.9	104.3	96.5	89.3	84.9	80.0	76.1	71.9	67.5	62.7	58.2
26.25°	164.9	150.0	134.1	116.1	104.9	93.5	86.4	80.4	75.6	70.7	65.5
25°	249.1	224.5	200.5	173.2	148.2	125.0	106.9	93.0	85.0	78.5	73.1
23.75°	352.1	321.7	289.1	254.2	217.4	182.3	149.3	121.0	102.3	88.6	80.9
22.5°	470.8	435.0	394.0	351.7	305.0	260.3	214.6	172.1	137.2	109.1	91.3
21.25°	599.2	559.3	513.0	462.7	407.5	352.6	296.0	242.0	192.1	148.1	113.2
20°	725.1	684.4	636.6	581.9	520.7	456.3	389.2	324.2	262.2	204.3	153.5
18.75°	843.3	801.0	753.8	699.3	636.2	566.6	491.9	415.7	342.2	272.4	208.4
17.5°	967.0	919.5	866.6	807.6	745.5	675.4	597.8	514.0	429.7	348.3	272.4
16.25°	1093.6	1041.8	983.1	917.8	848.6	776.0	699.2	613.5	521.6	429.7	342.2
15°	1217.4	1163.5	1100.7	1029.8	953.9	873.9	791.5	707.2	613.5	514.0	415.7
13.75°	1333.6	1278.3	1214.2	1140.9	1059.0	972.2	882.4	791.5	699.2	597.8	491.9
12.5°	1439.8	1384.2	1319.6	1245.1	1160.8	1068.8	972.2	873.9	776.0	675.4	566.6
11.25°	1535.9	1480.1	1415.2	1340.6	1255.1	1160.8	1059.0	953.9	848.6	745.5	636.2
10°	1624.1	1567.0	1500.7	1425.7	1340.6	1245.1	1140.9	1029.8	917.8	807.6	699.3
8.75°	1703.1	1644.9	1577.6	1500.7	1415.2	1319.6	1214.2	1100.7	983.1	866.6	753.8
7.5°	1774.9	1714.0	1644.9	1567.0	1480.1	1384.2	1278.3	1163.5	1041.8	919.5	801.0
6.25°	1837.2	1774.9	1703.1	1624.1	1535.9	1439.8	1333.6	1217.4	1093.6	967.0	843.3
5°	1887.7	1826.5	1752.7	1670.8	1581.9	1484.1	1377.8	1261.7	1137.0	1006.8	879.2
3.75°	1926.0	1864.5	1791.3	1707.9	1618.3	1519.7	1412.8	1296.1	1170.5	1038.5	907.6
2.5°	1952.7	1892.8	1820.2	1735.2	1643.7	1544.8	1438.2	1321.2	1194.8	1061.7	928.4
1.25°	1967.7	1908.9	1836.7	1752.0	1659.3	1560.0	1452.7	1336.4	1209.5	1075.8	941.3
0°	1973.0	1914.5	1842.1	1757.7	1664.6	1565.1	1457.6	1341.5	1214.5	1080.5	945.6
-1.25°	1967.7	1908.9	1836.7	1752.0	1659.3	1560.0	1452.7	1336.4	1209.5	1075.8	941.3
-2.5°	1952.7	1892.8	1820.2	1735.2	1643.7	1544.8	1438.2	1321.2	1194.8	1061.7	928.4
-3.75°	1926.0	1864.5	1791.3	1707.9	1618.3	1519.7	1412.8	1296.1	1170.5	1038.5	907.6
-5°	1887.7	1826.5	1752.7	1670.8	1581.9	1484.1	1377.8	1261.7	1137.0	1006.8	879.2
-6.25°	1837.2	1774.9	1703.1	1624.1	1535.9	1439.8	1333.6	1217.4	1093.6	967.0	843.3
-7.5°	1774.9	1714.0	1644.9	1567.0	1480.1	1384.2	1278.3	1163.5	1041.8	919.5	801.0
-8.75°	1703.1	1644.9	1577.6	1500.7	1415.2	1319.6	1214.2	1100.7	983.1	866.6	753.8
-10°	1624.1	1567.0	1500.7	1425.7	1340.6	1245.1	1140.9	1029.8	917.8	807.6	699.3
-11.25°	1535.9	1480.1	1415.2	1340.6	1255.1	1160.8	1059.0	953.9	848.6	745.5	636.2
-12.5°	1439.8	1384.2	1319.6	1245.1	1160.8	1068.8	972.2	873.9	776.0	675.4	566.6
-13.75°	1333.6	1278.3	1214.2	1140.9	1059.0	972.2	882.4	791.5	699.2	597.8	491.9
-15°	1217.4	1163.5	1100.7	1029.8	953.9	873.9	791.5	707.2	613.5	514.0	415.7
-16.25°	1093.6	1041.8	983.1	917.8	848.6	776.0	699.2	613.5	521.6	429.7	342.2
-17.5°	967.0	919.5	866.6	807.6	745.5	675.4	597.8	514.0	429.7	348.3	272.4
-18.75°	843.3	801.0	753.8	699.3	636.2	566.6	491.9	415.7	342.2	272.4	208.4
-20°	725.1	684.4	636.6	581.9	520.7	456.3	389.2	324.2	262.2	204.3	153.5
-21.25°	599.2	559.3	513.0	462.7	407.5	352.6	296.0	242.0	192.1	148.1	113.2



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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°
-22.5°	470.8	435.0	394.0	351.7	305.0	260.3	214.6	172.1	137.2	109.1	91.3
-23.75°	352.1	321.7	289.1	254.2	217.4	182.3	149.3	121.0	102.3	88.6	80.9
-25°	249.1	224.5	200.5	173.2	148.2	125.0	106.9	93.0	85.0	78.5	73.1
-26.25°	164.9	150.0	134.1	116.1	104.9	93.5	86.4	80.4	75.6	70.7	65.5
-27.5°	110.9	104.3	96.5	89.3	84.9	80.0	76.1	71.9	67.5	62.7	58.2
-28.75°	86.8	83.9	80.6	77.7	74.6	71.2	67.5	63.5	59.4	55.6	51.6
-30°	75.5	73.5	71.2	68.6	65.6	62.3	59.1	55.9	52.4	48.8	44.9
-31.25°	66.0	64.1	61.9	59.6	57.2	54.6	51.7	48.7	45.3	43.1	41.2
-32.5°	57.1	55.6	53.9	51.9	49.6	47.1	44.3	42.8	41.2	39.5	37.7
-33.75°	49.1	47.7	46.0	44.2	43.1	41.9	40.6	39.2	37.6	36.1	35.4
-35°	42.7	42.0	41.2	40.3	39.2	38.1	36.8	35.9	35.3	34.7	34.1
-36.25°	38.7	38.0	37.2	36.4	35.8	35.4	35.0	34.5	34.0	33.4	33.0
-37.5°	35.6	35.3	35.1	34.8	34.4	34.0	33.6	33.1	32.9	32.7	32.4
-38.75°	34.1	33.9	33.6	33.3	33.0	32.9	32.7	32.5	32.3	32.1	31.9
-40°	32.9	32.8	32.7	32.6	32.4	32.3	32.1	31.9	31.8	31.6	31.5
-41.25°	32.2	32.2	32.1	31.9	31.8	31.7	31.6	31.5	31.4	31.3	31.1
-42.5°	31.7	31.6	31.6	31.5	31.4	31.3	31.2	31.1	31.0	30.9	30.9
-43.75°	31.3	31.2	31.2	31.1	31.0	31.0	30.9	30.8	30.8	30.7	30.6
-45°	30.9	30.9	30.9	30.8	30.8	30.7	30.7	30.6	30.6	30.5	30.4
-46.25°	30.7	30.7	30.6	30.6	30.5	30.5	30.4	30.3	30.2	30.1	30.0
-47.5°	30.4	30.4	30.3	30.2	30.2	30.1	30.0	29.9	29.8	29.7	29.6
-48.75°	30.0	30.0	29.9	29.9	29.8	29.7	29.6	29.5	29.3	29.2	29.0
-50°	29.6	29.5	29.4	29.3	29.2	29.1	29.0	28.9	28.7	28.6	28.4
-51.25°	28.9	28.8	28.8	28.7	28.6	28.5	28.4	28.2	28.1	28.0	27.8
-52.5°	28.3	28.2	28.1	28.1	28.0	27.9	27.8	27.6	27.5	27.4	27.2
-53.75°	27.6	27.6	27.5	27.4	27.3	27.2	27.1	27.0	26.8	26.6	26.5
-55°	26.9	26.9	26.8	26.7	26.6	26.5	26.3	26.2	26.0	25.9	25.7
-56.25°	26.1	26.0	25.9	25.9	25.8	25.6	25.5	25.4	25.2	25.0	24.7
-57.5°	25.2	25.1	25.0	24.9	24.8	24.6	24.5	24.3	24.1	23.9	23.7
-58.75°	24.1	24.0	23.9	23.8	23.7	23.6	23.4	23.3	23.1	22.9	22.7
-60°	23.0	23.0	22.9	22.8	22.7	22.5	22.4	22.3	22.1	21.9	21.7
-61.25°	22.0	21.9	21.8	21.7	21.6	21.5	21.4	21.3	21.1	20.9	20.6
-62.5°	20.9	20.8	20.7	20.6	20.4	20.3	20.1	19.9	19.7	19.5	19.2
-63.75°	19.4	19.3	19.2	19.1	19.0	18.8	18.6	18.4	18.3	18.0	17.8
-65°	17.9	17.8	17.7	17.6	17.5	17.3	17.2	17.0	16.8	16.6	16.4
-66.25°	16.4	16.3	16.2	16.1	16.0	15.8	15.7	15.5	15.3	15.1	14.9
-67.5°	14.9	14.8	14.7	14.6	14.5	14.4	14.3	14.2	14.1	13.9	13.7
-68.75°	13.6	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.7	12.6
-70°	12.4	12.3	12.3	12.2	12.1	12.1	12.0	11.9	11.8	11.7	11.5
-71.25°	11.3	11.3	11.2	11.1	11.1	11.0	10.9	10.8	10.7	10.6	10.5
-72.5°	10.2	10.2	10.2	10.1	10.1	10.0	9.9	9.9	9.8	9.7	9.6
-73.75°	9.4	9.4	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.8
-75°	8.6	8.6	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3
-76.25°	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9
-77.5°	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
-78.75°	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7
-80°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
-81.25°	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.2
-82.5°	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.4
-83.75°	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6
-85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8
-86.25°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0
-87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
86.25°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
85°	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5
83.75°	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2
82.5°	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9
81.25°	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6
80°	6.0	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.3
78.75°	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.0
77.5°	7.3	7.3	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.7
76.25°	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3	7.2
75°	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8	7.7
73.75°	8.8	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	8.1
72.5°	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8	8.7	8.6	8.5
71.25°	10.4	10.3	10.1	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1
70°	11.4	11.3	11.1	11.0	10.8	10.6	10.4	10.3	10.1	10.0	9.8
68.75°	12.4	12.3	12.1	11.9	11.8	11.6	11.4	11.2	11.0	10.8	10.6
67.5°	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	11.9	11.7	11.5
66.25°	14.7	14.5	14.3	14.1	13.9	13.7	13.4	13.2	12.9	12.6	12.4
65°	16.1	15.9	15.6	15.3	15.0	14.8	14.5	14.2	14.0	13.7	13.4
63.75°	17.6	17.3	17.0	16.7	16.4	16.1	15.7	15.4	15.0	14.7	14.4
62.5°	19.0	18.7	18.4	18.1	17.8	17.4	17.1	16.7	16.3	15.9	15.5
61.25°	20.3	20.1	19.8	19.4	19.1	18.8	18.4	18.0	17.6	17.2	16.8
60°	21.5	21.3	21.1	20.8	20.4	20.1	19.7	19.3	18.9	18.5	18.0
58.75°	22.5	22.3	22.1	21.8	21.6	21.3	21.0	20.6	20.1	19.7	19.2
57.5°	23.5	23.2	23.0	22.7	22.5	22.2	21.9	21.6	21.3	20.9	20.4
56.25°	24.5	24.2	24.0	23.7	23.4	23.1	22.8	22.5	22.2	21.8	21.5
55°	25.5	25.2	25.0	24.7	24.4	24.0	23.7	23.4	23.0	22.7	22.3
53.75°	26.3	26.0	25.8	25.6	25.3	25.0	24.6	24.3	23.9	23.5	23.1
52.5°	27.0	26.8	26.6	26.3	26.1	25.8	25.5	25.2	24.8	24.4	24.0
51.25°	27.6	27.5	27.3	27.1	26.8	26.5	26.2	25.9	25.6	25.3	24.8
50°	28.2	28.0	27.8	27.6	27.4	27.2	26.9	26.6	26.3	26.0	25.6
48.75°	28.8	28.6	28.4	28.2	28.0	27.8	27.5	27.3	27.0	26.6	26.3
47.5°	29.4	29.2	29.0	28.8	28.5	28.3	28.0	27.8	27.5	27.2	26.9
46.25°	29.9	29.7	29.5	29.3	29.1	28.8	28.6	28.3	28.0	27.7	27.5
45°	30.2	30.1	30.0	29.8	29.6	29.4	29.1	28.8	28.5	28.2	27.9
43.75°	30.5	30.4	30.3	30.1	30.0	29.8	29.6	29.3	29.0	28.7	28.4
42.5°	30.8	30.7	30.6	30.5	30.3	30.1	30.0	29.8	29.5	29.2	28.9
41.25°	31.0	30.9	30.8	30.7	30.6	30.5	30.3	30.1	29.9	29.7	29.4
40°	31.3	31.2	31.0	30.9	30.8	30.7	30.6	30.4	30.2	30.0	29.8
38.75°	31.7	31.5	31.4	31.2	31.0	30.9	30.8	30.6	30.5	30.3	30.1
37.5°	32.2	31.9	31.7	31.5	31.3	31.1	30.9	30.8	30.7	30.5	30.3
36.25°	32.7	32.4	32.1	31.8	31.6	31.4	31.2	31.0	30.9	30.7	30.6
35°	33.5	33.0	32.7	32.4	32.0	31.7	31.5	31.3	31.1	30.9	30.7



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	34.8	34.1	33.3	32.9	32.5	32.2	31.8	31.6	31.3	31.1	30.9
32.5°	36.0	35.3	34.5	33.7	33.0	32.7	32.3	31.9	31.6	31.4	31.1
31.25°	39.2	37.2	35.7	34.9	34.0	33.2	32.7	32.3	31.9	31.6	31.4
30°	42.6	40.4	38.2	36.0	35.2	34.3	33.3	32.8	32.4	31.9	31.6
28.75°	47.4	43.6	41.3	38.9	36.5	35.3	34.4	33.4	32.8	32.3	31.9
27.5°	53.8	49.3	44.5	41.9	39.4	36.8	35.4	34.4	33.3	32.7	32.3
26.25°	60.2	55.4	50.5	45.5	42.2	39.5	36.8	35.3	34.3	33.2	32.7
25°	67.5	61.7	56.4	51.2	45.8	42.2	39.4	36.5	35.2	34.0	33.0
23.75°	74.8	68.7	62.5	56.7	51.2	45.5	41.9	38.9	36.0	34.9	33.7
22.5°	82.6	75.6	69.1	62.5	56.4	50.5	44.5	41.3	38.2	35.7	34.5
21.25°	94.0	83.2	75.6	68.7	61.7	55.4	49.3	43.6	40.4	37.2	35.3
20°	114.8	94.0	82.6	74.8	67.5	60.2	53.8	47.4	42.6	39.2	36.0
18.75°	153.5	113.2	91.3	80.9	73.1	65.5	58.2	51.6	44.9	41.2	37.7
17.5°	204.3	148.1	109.1	88.6	78.5	70.7	62.7	55.6	48.8	43.1	39.5
16.25°	262.2	192.1	137.2	102.3	85.0	75.6	67.5	59.4	52.4	45.3	41.2
15°	324.2	242.0	172.1	121.0	93.0	80.4	71.9	63.5	55.9	48.7	42.8
13.75°	389.2	296.0	214.6	149.3	106.9	86.4	76.1	67.5	59.1	51.7	44.3
12.5°	456.3	352.6	260.3	182.3	125.0	93.5	80.0	71.2	62.3	54.6	47.1
11.25°	520.7	407.5	305.0	217.4	148.2	104.9	84.9	74.6	65.6	57.2	49.6
10°	581.9	462.7	351.7	254.2	173.2	116.1	89.3	77.7	68.6	59.6	51.9
8.75°	636.6	513.0	394.0	289.1	200.5	134.1	96.5	80.6	71.2	61.9	53.9
7.5°	684.4	559.3	435.0	321.7	224.5	150.0	104.3	83.9	73.5	64.1	55.6
6.25°	725.1	599.2	470.8	352.1	249.1	164.9	110.9	86.8	75.5	66.0	57.1
5°	757.1	631.8	500.5	377.2	269.7	181.0	118.3	89.1	77.1	67.5	58.4
3.75°	782.3	657.2	524.9	396.9	286.0	193.7	126.6	91.3	78.4	68.7	59.3
2.5°	800.5	675.6	542.6	412.4	297.6	202.7	132.6	94.3	79.3	69.6	60.0
1.25°	811.5	686.6	553.2	422.0	304.7	208.2	136.2	96.0	79.8	70.1	60.5
0°	815.2	690.4	556.8	425.2	307.0	210.1	137.4	96.6	80.0	70.3	60.6
-1.25°	811.5	686.6	553.2	422.0	304.7	208.2	136.2	96.0	79.8	70.1	60.5
-2.5°	800.5	675.6	542.6	412.4	297.6	202.7	132.6	94.3	79.3	69.6	60.0
-3.75°	782.3	657.2	524.9	396.9	286.0	193.7	126.6	91.3	78.4	68.7	59.3
-5°	757.1	631.8	500.5	377.2	269.7	181.0	118.3	89.1	77.1	67.5	58.4
-6.25°	725.1	599.2	470.8	352.1	249.1	164.9	110.9	86.8	75.5	66.0	57.1
-7.5°	684.4	559.3	435.0	321.7	224.5	150.0	104.3	83.9	73.5	64.1	55.6
-8.75°	636.6	513.0	394.0	289.1	200.5	134.1	96.5	80.6	71.2	61.9	53.9
-10°	581.9	462.7	351.7	254.2	173.2	116.1	89.3	77.7	68.6	59.6	51.9
-11.25°	520.7	407.5	305.0	217.4	148.2	104.9	84.9	74.6	65.6	57.2	49.6
-12.5°	456.3	352.6	260.3	182.3	125.0	93.5	80.0	71.2	62.3	54.6	47.1
-13.75°	389.2	296.0	214.6	149.3	106.9	86.4	76.1	67.5	59.1	51.7	44.3
-15°	324.2	242.0	172.1	121.0	93.0	80.4	71.9	63.5	55.9	48.7	42.8
-16.25°	262.2	192.1	137.2	102.3	85.0	75.6	67.5	59.4	52.4	45.3	41.2
-17.5°	204.3	148.1	109.1	88.6	78.5	70.7	62.7	55.6	48.8	43.1	39.5
-18.75°	153.5	113.2	91.3	80.9	73.1	65.5	58.2	51.6	44.9	41.2	37.7
-20°	114.8	94.0	82.6	74.8	67.5	60.2	53.8	47.4	42.6	39.2	36.0
-21.25°	94.0	83.2	75.6	68.7	61.7	55.4	49.3	43.6	40.4	37.2	35.3





REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	82.6	75.6	69.1	62.5	56.4	50.5	44.5	41.3	38.2	35.7	34.5
-23.75°	74.8	68.7	62.5	56.7	51.2	45.5	41.9	38.9	36.0	34.9	33.7
-25°	67.5	61.7	56.4	51.2	45.8	42.2	39.4	36.5	35.2	34.0	33.0
-26.25°	60.2	55.4	50.5	45.5	42.2	39.5	36.8	35.3	34.3	33.2	32.7
-27.5°	53.8	49.3	44.5	41.9	39.4	36.8	35.4	34.4	33.3	32.7	32.3
-28.75°	47.4	43.6	41.3	38.9	36.5	35.3	34.4	33.4	32.8	32.3	31.9
-30°	42.6	40.4	38.2	36.0	35.2	34.3	33.3	32.8	32.4	31.9	31.6
-31.25°	39.2	37.2	35.7	34.9	34.0	33.2	32.7	32.3	31.9	31.6	31.4
-32.5°	36.0	35.3	34.5	33.7	33.0	32.7	32.3	31.9	31.6	31.4	31.1
-33.75°	34.8	34.1	33.3	32.9	32.5	32.2	31.8	31.6	31.3	31.1	30.9
-35°	33.5	33.0	32.7	32.4	32.0	31.7	31.5	31.3	31.1	30.9	30.7
-36.25°	32.7	32.4	32.1	31.8	31.6	31.4	31.2	31.0	30.9	30.7	30.6
-37.5°	32.2	31.9	31.7	31.5	31.3	31.1	30.9	30.8	30.7	30.5	30.3
-38.75°	31.7	31.5	31.4	31.2	31.0	30.9	30.8	30.6	30.5	30.3	30.1
-40°	31.3	31.2	31.0	30.9	30.8	30.7	30.6	30.4	30.2	30.0	29.8
-41.25°	31.0	30.9	30.8	30.7	30.6	30.5	30.3	30.1	29.9	29.7	29.4
-42.5°	30.8	30.7	30.6	30.5	30.3	30.1	30.0	29.8	29.5	29.2	28.9
-43.75°	30.5	30.4	30.3	30.1	30.0	29.8	29.6	29.3	29.0	28.7	28.4
-45°	30.2	30.1	30.0	29.8	29.6	29.4	29.1	28.8	28.5	28.2	27.9
-46.25°	29.9	29.7	29.5	29.3	29.1	28.8	28.6	28.3	28.0	27.7	27.5
-47.5°	29.4	29.2	29.0	28.8	28.5	28.3	28.0	27.8	27.5	27.2	26.9
-48.75°	28.8	28.6	28.4	28.2	28.0	27.8	27.5	27.3	27.0	26.6	26.3
-50°	28.2	28.0	27.8	27.6	27.4	27.2	26.9	26.6	26.3	26.0	25.6
-51.25°	27.6	27.5	27.3	27.1	26.8	26.5	26.2	25.9	25.6	25.3	24.8
-52.5°	27.0	26.8	26.6	26.3	26.1	25.8	25.5	25.2	24.8	24.4	24.0
-53.75°	26.3	26.0	25.8	25.6	25.3	25.0	24.6	24.3	23.9	23.5	23.1
-55°	25.5	25.2	25.0	24.7	24.4	24.0	23.7	23.4	23.0	22.7	22.3
-56.25°	24.5	24.2	24.0	23.7	23.4	23.1	22.8	22.5	22.2	21.8	21.5
-57.5°	23.5	23.2	23.0	22.7	22.5	22.2	21.9	21.6	21.3	20.9	20.4
-58.75°	22.5	22.3	22.1	21.8	21.6	21.3	21.0	20.6	20.1	19.7	19.2
-60°	21.5	21.3	21.1	20.8	20.4	20.1	19.7	19.3	18.9	18.5	18.0
-61.25°	20.3	20.1	19.8	19.4	19.1	18.8	18.4	18.0	17.6	17.2	16.8
-62.5°	19.0	18.7	18.4	18.1	17.8	17.4	17.1	16.7	16.3	15.9	15.5
-63.75°	17.6	17.3	17.0	16.7	16.4	16.1	15.7	15.4	15.0	14.7	14.4
-65°	16.1	15.9	15.6	15.3	15.0	14.8	14.5	14.2	14.0	13.7	13.4
-66.25°	14.7	14.5	14.3	14.1	13.9	13.7	13.4	13.2	12.9	12.6	12.4
-67.5°	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	11.9	11.7	11.5
-68.75°	12.4	12.3	12.1	11.9	11.8	11.6	11.4	11.2	11.0	10.8	10.6
-70°	11.4	11.3	11.1	11.0	10.8	10.6	10.4	10.3	10.1	10.0	9.8
-71.25°	10.4	10.3	10.1	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1
-72.5°	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8	8.7	8.6	8.5
-73.75°	8.8	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	8.1
-75°	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8	7.7
-76.25°	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3	7.2
-77.5°	7.3	7.3	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.7



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
-78.75°	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.0
-80°	6.0	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.3
-81.25°	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6
-82.5°	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9
-83.75°	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2
-85°	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5
-86.25°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°
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	0.4
87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
86.25°	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4
85°	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9
83.75°	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
82.5°	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.1
81.25°	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.7
80°	5.2	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3
78.75°	5.9	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.9
77.5°	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5
76.25°	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.0
75°	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.9	6.8	6.7	6.6
73.75°	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.1	7.0
72.5°	8.4	8.3	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.4
71.25°	8.9	8.8	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8
70°	9.6	9.5	9.3	9.1	8.9	8.7	8.6	8.5	8.3	8.2	8.1
68.75°	10.3	10.1	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.5	8.4
67.5°	11.2	11.0	10.7	10.5	10.2	10.0	9.8	9.5	9.3	9.1	8.8
66.25°	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.4
65°	13.1	12.8	12.4	12.1	11.8	11.5	11.2	10.9	10.5	10.2	10.0
63.75°	14.1	13.7	13.4	13.0	12.7	12.3	12.0	11.6	11.3	10.9	10.6
62.5°	15.1	14.7	14.4	14.0	13.6	13.2	12.8	12.4	12.0	11.7	11.3
61.25°	16.3	15.9	15.4	14.9	14.5	14.1	13.7	13.3	12.8	12.4	12.0
60°	17.6	17.1	16.6	16.1	15.6	15.0	14.6	14.1	13.7	13.2	12.7
58.75°	18.8	18.3	17.8	17.2	16.7	16.1	15.6	15.0	14.5	14.0	13.5
57.5°	19.9	19.4	18.9	18.4	17.8	17.2	16.6	16.0	15.4	14.8	14.3
56.25°	21.1	20.6	20.0	19.5	18.9	18.3	17.7	17.1	16.4	15.8	15.1
55°	21.9	21.5	21.1	20.6	20.0	19.4	18.8	18.1	17.5	16.8	16.1
53.75°	22.7	22.3	21.9	21.5	21.1	20.4	19.8	19.1	18.4	17.7	17.0
52.5°	23.6	23.1	22.7	22.3	21.8	21.3	20.8	20.1	19.4	18.7	18.0
51.25°	24.4	23.9	23.5	23.0	22.5	22.1	21.6	21.1	20.4	19.6	18.9
50°	25.2	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.2	20.5	19.8
48.75°	25.9	25.5	25.1	24.6	24.0	23.5	23.0	22.4	21.9	21.3	20.7
47.5°	26.5	26.1	25.7	25.3	24.8	24.2	23.7	23.1	22.5	22.0	21.4
46.25°	27.2	26.8	26.3	25.9	25.5	24.9	24.4	23.8	23.2	22.6	22.0
45°	27.6	27.3	26.9	26.5	26.1	25.6	25.1	24.5	23.8	23.2	22.6
43.75°	28.1	27.8	27.4	27.1	26.6	26.1	25.7	25.1	24.5	23.8	23.2
42.5°	28.6	28.2	27.9	27.5	27.2	26.7	26.2	25.7	25.1	24.5	23.8
41.25°	29.0	28.7	28.3	27.9	27.6	27.2	26.7	26.2	25.7	25.1	24.4
40°	29.5	29.1	28.7	28.4	28.0	27.6	27.2	26.7	26.1	25.6	24.9
38.75°	29.8	29.5	29.2	28.8	28.4	28.0	27.6	27.2	26.6	26.1	25.5
37.5°	30.1	29.9	29.6	29.2	28.8	28.4	27.9	27.5	27.1	26.5	25.9
36.25°	30.4	30.1	29.9	29.6	29.2	28.7	28.3	27.9	27.4	26.9	26.3
35°	30.6	30.4	30.1	29.9	29.5	29.1	28.7	28.2	27.8	27.3	26.8



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	30.7	30.6	30.4	30.1	29.8	29.5	29.0	28.6	28.1	27.6	27.2
32.5°	30.9	30.7	30.6	30.3	30.1	29.8	29.4	28.9	28.4	27.9	27.5
31.25°	31.1	30.9	30.7	30.5	30.3	30.0	29.7	29.2	28.7	28.2	27.7
30°	31.3	31.1	30.9	30.7	30.5	30.2	29.9	29.5	29.0	28.5	28.0
28.75°	31.6	31.3	31.0	30.8	30.6	30.4	30.1	29.8	29.3	28.8	28.3
27.5°	31.8	31.5	31.2	30.9	30.8	30.6	30.3	30.0	29.6	29.1	28.6
26.25°	32.2	31.7	31.4	31.1	30.9	30.7	30.5	30.1	29.8	29.4	28.8
25°	32.5	32.0	31.6	31.3	31.0	30.8	30.6	30.3	30.0	29.6	29.1
23.75°	32.9	32.4	31.8	31.5	31.2	30.9	30.7	30.5	30.1	29.8	29.3
22.5°	33.3	32.7	32.1	31.7	31.4	31.0	30.8	30.6	30.3	30.0	29.5
21.25°	34.1	33.0	32.4	31.9	31.5	31.2	30.9	30.7	30.4	30.1	29.7
20°	34.8	33.5	32.7	32.2	31.7	31.3	31.0	30.8	30.5	30.2	29.9
18.75°	35.4	34.1	33.0	32.4	31.9	31.5	31.1	30.9	30.6	30.4	30.0
17.5°	36.1	34.7	33.4	32.7	32.1	31.6	31.3	30.9	30.7	30.5	30.1
16.25°	37.6	35.3	34.0	32.9	32.3	31.8	31.4	31.0	30.8	30.6	30.2
15°	39.2	35.9	34.5	33.1	32.5	31.9	31.5	31.1	30.8	30.6	30.3
13.75°	40.6	36.8	35.0	33.6	32.7	32.1	31.6	31.2	30.9	30.7	30.4
12.5°	41.9	38.1	35.4	34.0	32.9	32.3	31.7	31.3	31.0	30.7	30.5
11.25°	43.1	39.2	35.8	34.4	33.0	32.4	31.8	31.4	31.0	30.8	30.5
10°	44.2	40.3	36.4	34.8	33.3	32.6	31.9	31.5	31.1	30.8	30.6
8.75°	46.0	41.2	37.2	35.1	33.6	32.7	32.1	31.6	31.2	30.9	30.6
7.5°	47.7	42.0	38.0	35.3	33.9	32.8	32.2	31.6	31.2	30.9	30.7
6.25°	49.1	42.7	38.7	35.6	34.1	32.9	32.2	31.7	31.3	30.9	30.7
5°	50.3	43.3	39.2	35.8	34.3	33.0	32.3	31.7	31.3	31.0	30.7
3.75°	51.3	43.7	39.7	35.9	34.4	33.0	32.4	31.8	31.4	31.0	30.7
2.5°	51.9	44.0	40.0	36.0	34.5	33.1	32.4	31.8	31.4	31.0	30.7
1.25°	52.3	44.2	40.1	36.1	34.6	33.1	32.4	31.8	31.4	31.0	30.7
0°	52.5	44.3	40.2	36.1	34.6	33.1	32.5	31.8	31.4	31.0	30.8
-1.25°	52.3	44.2	40.1	36.1	34.6	33.1	32.4	31.8	31.4	31.0	30.7
-2.5°	51.9	44.0	40.0	36.0	34.5	33.1	32.4	31.8	31.4	31.0	30.7
-3.75°	51.3	43.7	39.7	35.9	34.4	33.0	32.4	31.8	31.4	31.0	30.7
-5°	50.3	43.3	39.2	35.8	34.3	33.0	32.3	31.7	31.3	31.0	30.7
-6.25°	49.1	42.7	38.7	35.6	34.1	32.9	32.2	31.7	31.3	30.9	30.7
-7.5°	47.7	42.0	38.0	35.3	33.9	32.8	32.2	31.6	31.2	30.9	30.7
-8.75°	46.0	41.2	37.2	35.1	33.6	32.7	32.1	31.6	31.2	30.9	30.6
-10°	44.2	40.3	36.4	34.8	33.3	32.6	31.9	31.5	31.1	30.8	30.6
-11.25°	43.1	39.2	35.8	34.4	33.0	32.4	31.8	31.4	31.0	30.8	30.5
-12.5°	41.9	38.1	35.4	34.0	32.9	32.3	31.7	31.3	31.0	30.7	30.5
-13.75°	40.6	36.8	35.0	33.6	32.7	32.1	31.6	31.2	30.9	30.7	30.4
-15°	39.2	35.9	34.5	33.1	32.5	31.9	31.5	31.1	30.8	30.6	30.3
-16.25°	37.6	35.3	34.0	32.9	32.3	31.8	31.4	31.0	30.8	30.6	30.2
-17.5°	36.1	34.7	33.4	32.7	32.1	31.6	31.3	30.9	30.7	30.5	30.1
-18.75°	35.4	34.1	33.0	32.4	31.9	31.5	31.1	30.9	30.6	30.4	30.0
-20°	34.8	33.5	32.7	32.2	31.7	31.3	31.0	30.8	30.5	30.2	29.9
-21.25°	34.1	33.0	32.4	31.9	31.5	31.2	30.9	30.7	30.4	30.1	29.7



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	33.3	32.7	32.1	31.7	31.4	31.0	30.8	30.6	30.3	30.0	29.5
-23.75°	32.9	32.4	31.8	31.5	31.2	30.9	30.7	30.5	30.1	29.8	29.3
-25°	32.5	32.0	31.6	31.3	31.0	30.8	30.6	30.3	30.0	29.6	29.1
-26.25°	32.2	31.7	31.4	31.1	30.9	30.7	30.5	30.1	29.8	29.4	28.8
-27.5°	31.8	31.5	31.2	30.9	30.8	30.6	30.3	30.0	29.6	29.1	28.6
-28.75°	31.6	31.3	31.0	30.8	30.6	30.4	30.1	29.8	29.3	28.8	28.3
-30°	31.3	31.1	30.9	30.7	30.5	30.2	29.9	29.5	29.0	28.5	28.0
-31.25°	31.1	30.9	30.7	30.5	30.3	30.0	29.7	29.2	28.7	28.2	27.7
-32.5°	30.9	30.7	30.6	30.3	30.1	29.8	29.4	28.9	28.4	27.9	27.5
-33.75°	30.7	30.6	30.4	30.1	29.8	29.5	29.0	28.6	28.1	27.6	27.2
-35°	30.6	30.4	30.1	29.9	29.5	29.1	28.7	28.2	27.8	27.3	26.8
-36.25°	30.4	30.1	29.9	29.6	29.2	28.7	28.3	27.9	27.4	26.9	26.3
-37.5°	30.1	29.9	29.6	29.2	28.8	28.4	27.9	27.5	27.1	26.5	25.9
-38.75°	29.8	29.5	29.2	28.8	28.4	28.0	27.6	27.2	26.6	26.1	25.5
-40°	29.5	29.1	28.7	28.4	28.0	27.6	27.2	26.7	26.1	25.6	24.9
-41.25°	29.0	28.7	28.3	27.9	27.6	27.2	26.7	26.2	25.7	25.1	24.4
-42.5°	28.6	28.2	27.9	27.5	27.2	26.7	26.2	25.7	25.1	24.5	23.8
-43.75°	28.1	27.8	27.4	27.1	26.6	26.1	25.7	25.1	24.5	23.8	23.2
-45°	27.6	27.3	26.9	26.5	26.1	25.6	25.1	24.5	23.8	23.2	22.6
-46.25°	27.2	26.8	26.3	25.9	25.5	24.9	24.4	23.8	23.2	22.6	22.0
-47.5°	26.5	26.1	25.7	25.3	24.8	24.2	23.7	23.1	22.5	22.0	21.4
-48.75°	25.9	25.5	25.1	24.6	24.0	23.5	23.0	22.4	21.9	21.3	20.7
-50°	25.2	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.2	20.5	19.8
-51.25°	24.4	23.9	23.5	23.0	22.5	22.1	21.6	21.1	20.4	19.6	18.9
-52.5°	23.6	23.1	22.7	22.3	21.8	21.3	20.8	20.1	19.4	18.7	18.0
-53.75°	22.7	22.3	21.9	21.5	21.1	20.4	19.8	19.1	18.4	17.7	17.0
-55°	21.9	21.5	21.1	20.6	20.0	19.4	18.8	18.1	17.5	16.8	16.1
-56.25°	21.1	20.6	20.0	19.5	18.9	18.3	17.7	17.1	16.4	15.8	15.1
-57.5°	19.9	19.4	18.9	18.4	17.8	17.2	16.6	16.0	15.4	14.8	14.3
-58.75°	18.8	18.3	17.8	17.2	16.7	16.1	15.6	15.0	14.5	14.0	13.5
-60°	17.6	17.1	16.6	16.1	15.6	15.0	14.6	14.1	13.7	13.2	12.7
-61.25°	16.3	15.9	15.4	14.9	14.5	14.1	13.7	13.3	12.8	12.4	12.0
-62.5°	15.1	14.7	14.4	14.0	13.6	13.2	12.8	12.4	12.0	11.7	11.3
-63.75°	14.1	13.7	13.4	13.0	12.7	12.3	12.0	11.6	11.3	10.9	10.6
-65°	13.1	12.8	12.4	12.1	11.8	11.5	11.2	10.9	10.5	10.2	10.0
-66.25°	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.4
-67.5°	11.2	11.0	10.7	10.5	10.2	10.0	9.8	9.5	9.3	9.1	8.8
-68.75°	10.3	10.1	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.5	8.4
-70°	9.6	9.5	9.3	9.1	8.9	8.7	8.6	8.5	8.3	8.2	8.1
-71.25°	8.9	8.8	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8
-72.5°	8.4	8.3	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.4
-73.75°	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.1	7.0
-75°	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.9	6.8	6.7	6.6
-76.25°	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.0
-77.5°	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	5.9	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.9
-80°	5.2	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3
-81.25°	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.7
-82.5°	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.1
-83.75°	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
-85°	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9
-86.25°	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4
-87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
-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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
86.25°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0
85°	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.3
83.75°	2.5	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7
82.5°	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1
81.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
80°	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0
78.75°	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.5	3.4
77.5°	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.8
76.25°	5.9	5.7	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.4	4.2
75°	6.4	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.7
73.75°	6.9	6.7	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.1
72.5°	7.3	7.1	7.0	6.8	6.7	6.5	6.4	6.1	5.9	5.7	5.5
71.25°	7.7	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.4	6.1	5.9
70°	8.0	7.9	7.8	7.6	7.4	7.3	7.1	6.9	6.7	6.5	6.3
68.75°	8.3	8.2	8.0	7.9	7.8	7.6	7.4	7.2	7.0	6.8	6.6
67.5°	8.6	8.5	8.3	8.2	8.0	7.9	7.8	7.6	7.4	7.2	6.9
66.25°	9.1	8.9	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.5	7.2
65°	9.7	9.4	9.1	8.8	8.6	8.4	8.3	8.1	7.9	7.8	7.5
63.75°	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.3	8.1	8.0	7.8
62.5°	10.9	10.5	10.1	9.8	9.5	9.2	8.8	8.6	8.4	8.2	8.0
61.25°	11.6	11.2	10.7	10.3	10.0	9.6	9.3	8.9	8.6	8.4	8.2
60°	12.3	11.8	11.4	10.9	10.5	10.1	9.7	9.4	9.0	8.6	8.4
58.75°	13.0	12.5	12.0	11.6	11.1	10.6	10.2	9.8	9.4	9.0	8.6
57.5°	13.8	13.2	12.7	12.2	11.7	11.2	10.7	10.2	9.8	9.4	9.0
56.25°	14.5	14.0	13.4	12.8	12.3	11.8	11.3	10.7	10.2	9.8	9.4
55°	15.4	14.7	14.1	13.5	12.9	12.3	11.8	11.3	10.7	10.2	9.7
53.75°	16.3	15.6	14.8	14.2	13.6	13.0	12.3	11.8	11.2	10.6	10.1
52.5°	17.2	16.4	15.7	14.9	14.3	13.6	12.9	12.3	11.7	11.1	10.5
51.25°	18.1	17.3	16.5	15.7	14.9	14.2	13.5	12.8	12.2	11.6	10.9
50°	19.0	18.2	17.4	16.5	15.7	14.8	14.1	13.4	12.7	12.0	11.4
48.75°	19.8	19.0	18.2	17.3	16.4	15.6	14.7	14.0	13.2	12.5	11.8
47.5°	20.7	19.8	19.0	18.1	17.2	16.3	15.4	14.5	13.8	13.0	12.3
46.25°	21.4	20.7	19.8	18.9	18.0	17.0	16.1	15.1	14.3	13.5	12.7
45°	22.0	21.3	20.5	19.6	18.7	17.7	16.8	15.8	14.8	14.0	13.2
43.75°	22.5	21.9	21.2	20.4	19.4	18.4	17.5	16.4	15.4	14.5	13.7
42.5°	23.1	22.4	21.8	21.1	20.1	19.1	18.1	17.1	16.0	15.0	14.1
41.25°	23.7	23.0	22.3	21.6	20.8	19.8	18.8	17.7	16.6	15.6	14.6
40°	24.2	23.5	22.8	22.1	21.3	20.4	19.4	18.3	17.2	16.1	15.0
38.75°	24.8	24.0	23.3	22.5	21.8	21.1	20.0	18.9	17.8	16.7	15.6
37.5°	25.3	24.6	23.8	23.0	22.3	21.5	20.6	19.5	18.4	17.2	16.1
36.25°	25.7	25.1	24.3	23.5	22.7	21.9	21.1	20.0	18.9	17.8	16.6
35°	26.1	25.5	24.8	23.9	23.1	22.3	21.5	20.6	19.4	18.3	17.1



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	26.5	25.9	25.2	24.4	23.6	22.7	21.9	21.1	19.9	18.8	17.6
32.5°	26.9	26.3	25.6	24.8	24.0	23.1	22.3	21.5	20.4	19.2	18.0
31.25°	27.2	26.6	26.0	25.3	24.4	23.5	22.7	21.8	20.9	19.7	18.5
30°	27.5	27.0	26.3	25.6	24.8	23.9	23.0	22.2	21.3	20.1	18.9
28.75°	27.8	27.3	26.6	25.9	25.2	24.3	23.4	22.5	21.6	20.6	19.3
27.5°	28.0	27.5	26.9	26.2	25.5	24.6	23.7	22.8	21.9	21.0	19.7
26.25°	28.3	27.8	27.2	26.5	25.8	25.0	24.0	23.1	22.2	21.3	20.1
25°	28.5	28.0	27.4	26.8	26.1	25.3	24.4	23.4	22.5	21.6	20.4
23.75°	28.8	28.2	27.6	27.1	26.3	25.6	24.7	23.7	22.7	21.8	20.8
22.5°	29.0	28.4	27.8	27.3	26.6	25.8	25.0	24.0	23.0	22.1	21.1
21.25°	29.2	28.6	28.0	27.5	26.8	26.0	25.2	24.2	23.2	22.3	21.3
20°	29.4	28.8	28.2	27.6	27.0	26.3	25.5	24.5	23.5	22.5	21.5
18.75°	29.6	29.0	28.4	27.8	27.2	26.5	25.7	24.7	23.7	22.7	21.7
17.5°	29.7	29.2	28.6	28.0	27.4	26.6	25.9	25.0	23.9	22.9	21.9
16.25°	29.8	29.3	28.7	28.1	27.5	26.8	26.0	25.2	24.1	23.1	22.1
15°	29.9	29.5	28.9	28.2	27.6	27.0	26.2	25.4	24.3	23.3	22.3
13.75°	30.0	29.6	29.0	28.4	27.8	27.1	26.3	25.5	24.5	23.4	22.4
12.5°	30.1	29.7	29.1	28.5	27.9	27.2	26.5	25.6	24.6	23.6	22.5
11.25°	30.2	29.8	29.2	28.6	28.0	27.3	26.6	25.8	24.8	23.7	22.7
10°	30.2	29.9	29.3	28.7	28.1	27.4	26.7	25.9	24.9	23.8	22.8
8.75°	30.3	29.9	29.4	28.8	28.1	27.5	26.8	25.9	25.0	23.9	22.9
7.5°	30.4	30.0	29.5	28.8	28.2	27.6	26.9	26.0	25.1	24.0	23.0
6.25°	30.4	30.0	29.6	28.9	28.3	27.6	26.9	26.1	25.2	24.1	23.0
5°	30.4	30.0	29.6	29.0	28.3	27.7	27.0	26.2	25.3	24.2	23.1
3.75°	30.5	30.1	29.6	29.0	28.4	27.7	27.0	26.2	25.3	24.2	23.1
2.5°	30.5	30.1	29.7	29.0	28.4	27.7	27.1	26.2	25.4	24.3	23.2
1.25°	30.5	30.1	29.7	29.0	28.4	27.7	27.1	26.2	25.4	24.3	23.2
0°	30.5	30.1	29.7	29.1	28.4	27.8	27.1	26.3	25.4	24.3	23.2
-1.25°	30.5	30.1	29.7	29.0	28.4	27.7	27.1	26.2	25.4	24.3	23.2
-2.5°	30.5	30.1	29.7	29.0	28.4	27.7	27.1	26.2	25.4	24.3	23.2
-3.75°	30.5	30.1	29.6	29.0	28.4	27.7	27.0	26.2	25.3	24.2	23.1
-5°	30.4	30.0	29.6	29.0	28.3	27.7	27.0	26.2	25.3	24.2	23.1
-6.25°	30.4	30.0	29.6	28.9	28.3	27.6	26.9	26.1	25.2	24.1	23.0
-7.5°	30.4	30.0	29.5	28.8	28.2	27.6	26.9	26.0	25.1	24.0	23.0
-8.75°	30.3	29.9	29.4	28.8	28.1	27.5	26.8	25.9	25.0	23.9	22.9
-10°	30.2	29.9	29.3	28.7	28.1	27.4	26.7	25.9	24.9	23.8	22.8
-11.25°	30.2	29.8	29.2	28.6	28.0	27.3	26.6	25.8	24.8	23.7	22.7
-12.5°	30.1	29.7	29.1	28.5	27.9	27.2	26.5	25.6	24.6	23.6	22.5
-13.75°	30.0	29.6	29.0	28.4	27.8	27.1	26.3	25.5	24.5	23.4	22.4
-15°	29.9	29.5	28.9	28.2	27.6	27.0	26.2	25.4	24.3	23.3	22.3
-16.25°	29.8	29.3	28.7	28.1	27.5	26.8	26.0	25.2	24.1	23.1	22.1
-17.5°	29.7	29.2	28.6	28.0	27.4	26.6	25.9	25.0	23.9	22.9	21.9
-18.75°	29.6	29.0	28.4	27.8	27.2	26.5	25.7	24.7	23.7	22.7	21.7
-20°	29.4	28.8	28.2	27.6	27.0	26.3	25.5	24.5	23.5	22.5	21.5
-21.25°	29.2	28.6	28.0	27.5	26.8	26.0	25.2	24.2	23.2	22.3	21.3





REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	29.0	28.4	27.8	27.3	26.6	25.8	25.0	24.0	23.0	22.1	21.1
-23.75°	28.8	28.2	27.6	27.1	26.3	25.6	24.7	23.7	22.7	21.8	20.8
-25°	28.5	28.0	27.4	26.8	26.1	25.3	24.4	23.4	22.5	21.6	20.4
-26.25°	28.3	27.8	27.2	26.5	25.8	25.0	24.0	23.1	22.2	21.3	20.1
-27.5°	28.0	27.5	26.9	26.2	25.5	24.6	23.7	22.8	21.9	21.0	19.7
-28.75°	27.8	27.3	26.6	25.9	25.2	24.3	23.4	22.5	21.6	20.6	19.3
-30°	27.5	27.0	26.3	25.6	24.8	23.9	23.0	22.2	21.3	20.1	18.9
-31.25°	27.2	26.6	26.0	25.3	24.4	23.5	22.7	21.8	20.9	19.7	18.5
-32.5°	26.9	26.3	25.6	24.8	24.0	23.1	22.3	21.5	20.4	19.2	18.0
-33.75°	26.5	25.9	25.2	24.4	23.6	22.7	21.9	21.1	19.9	18.8	17.6
-35°	26.1	25.5	24.8	23.9	23.1	22.3	21.5	20.6	19.4	18.3	17.1
-36.25°	25.7	25.1	24.3	23.5	22.7	21.9	21.1	20.0	18.9	17.8	16.6
-37.5°	25.3	24.6	23.8	23.0	22.3	21.5	20.6	19.5	18.4	17.2	16.1
-38.75°	24.8	24.0	23.3	22.5	21.8	21.1	20.0	18.9	17.8	16.7	15.6
-40°	24.2	23.5	22.8	22.1	21.3	20.4	19.4	18.3	17.2	16.1	15.0
-41.25°	23.7	23.0	22.3	21.6	20.8	19.8	18.8	17.7	16.6	15.6	14.6
-42.5°	23.1	22.4	21.8	21.1	20.1	19.1	18.1	17.1	16.0	15.0	14.1
-43.75°	22.5	21.9	21.2	20.4	19.4	18.4	17.5	16.4	15.4	14.5	13.7
-45°	22.0	21.3	20.5	19.6	18.7	17.7	16.8	15.8	14.8	14.0	13.2
-46.25°	21.4	20.7	19.8	18.9	18.0	17.0	16.1	15.1	14.3	13.5	12.7
-47.5°	20.7	19.8	19.0	18.1	17.2	16.3	15.4	14.5	13.8	13.0	12.3
-48.75°	19.8	19.0	18.2	17.3	16.4	15.6	14.7	14.0	13.2	12.5	11.8
-50°	19.0	18.2	17.4	16.5	15.7	14.8	14.1	13.4	12.7	12.0	11.4
-51.25°	18.1	17.3	16.5	15.7	14.9	14.2	13.5	12.8	12.2	11.6	10.9
-52.5°	17.2	16.4	15.7	14.9	14.3	13.6	12.9	12.3	11.7	11.1	10.5
-53.75°	16.3	15.6	14.8	14.2	13.6	13.0	12.3	11.8	11.2	10.6	10.1
-55°	15.4	14.7	14.1	13.5	12.9	12.3	11.8	11.3	10.7	10.2	9.7
-56.25°	14.5	14.0	13.4	12.8	12.3	11.8	11.3	10.7	10.2	9.8	9.4
-57.5°	13.8	13.2	12.7	12.2	11.7	11.2	10.7	10.2	9.8	9.4	9.0
-58.75°	13.0	12.5	12.0	11.6	11.1	10.6	10.2	9.8	9.4	9.0	8.6
-60°	12.3	11.8	11.4	10.9	10.5	10.1	9.7	9.4	9.0	8.6	8.4
-61.25°	11.6	11.2	10.7	10.3	10.0	9.6	9.3	8.9	8.6	8.4	8.2
-62.5°	10.9	10.5	10.1	9.8	9.5	9.2	8.8	8.6	8.4	8.2	8.0
-63.75°	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.3	8.1	8.0	7.8
-65°	9.7	9.4	9.1	8.8	8.6	8.4	8.3	8.1	7.9	7.8	7.5
-66.25°	9.1	8.9	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.5	7.2
-67.5°	8.6	8.5	8.3	8.2	8.0	7.9	7.8	7.6	7.4	7.2	6.9
-68.75°	8.3	8.2	8.0	7.9	7.8	7.6	7.4	7.2	7.0	6.8	6.6
-70°	8.0	7.9	7.8	7.6	7.4	7.3	7.1	6.9	6.7	6.5	6.3
-71.25°	7.7	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.4	6.1	5.9
-72.5°	7.3	7.1	7.0	6.8	6.7	6.5	6.4	6.1	5.9	5.7	5.5
-73.75°	6.9	6.7	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.1
-75°	6.4	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.7
-76.25°	5.9	5.7	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.4	4.2
-77.5°	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.8



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.5	3.4
-80°	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0
-81.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-82.5°	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1
-83.75°	2.5	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7
-85°	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.3
-86.25°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0
-87.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
86.25°	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5
85°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
83.75°	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
82.5°	2.0	1.9	1.9	1.8	1.6	1.5	1.4	1.3	1.3	1.2	1.1
81.25°	2.5	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3
80°	2.9	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5
78.75°	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7
77.5°	3.7	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1	2.0
76.25°	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.2
75°	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4
73.75°	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.7
72.5°	5.3	5.0	4.8	4.6	4.3	4.1	3.9	3.6	3.4	3.1	2.9
71.25°	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.9	3.6	3.4	3.1
70°	6.0	5.8	5.5	5.3	5.0	4.7	4.4	4.2	3.9	3.6	3.3
68.75°	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.9	3.6
67.5°	6.7	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8
66.25°	7.0	6.8	6.5	6.3	5.9	5.6	5.3	5.0	4.7	4.3	4.0
65°	7.3	7.1	6.8	6.6	6.3	5.9	5.6	5.3	4.9	4.6	4.2
63.75°	7.6	7.3	7.1	6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.4
62.5°	7.8	7.6	7.3	7.1	6.8	6.5	6.2	5.8	5.4	5.0	4.6
61.25°	8.0	7.8	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.3	4.9
60°	8.2	8.0	7.8	7.5	7.2	6.9	6.6	6.3	5.9	5.5	5.1
58.75°	8.4	8.2	8.0	7.8	7.5	7.2	6.8	6.5	6.1	5.7	5.3
57.5°	8.6	8.4	8.1	7.9	7.7	7.4	7.0	6.7	6.4	5.9	5.5
56.25°	8.9	8.6	8.3	8.1	7.9	7.6	7.2	6.9	6.5	6.1	5.7
55°	9.3	8.8	8.5	8.3	8.0	7.8	7.4	7.1	6.7	6.4	5.9
53.75°	9.6	9.2	8.7	8.4	8.2	7.9	7.6	7.3	6.9	6.5	6.1
52.5°	10.0	9.5	9.0	8.6	8.3	8.0	7.8	7.4	7.1	6.7	6.3
51.25°	10.3	9.8	9.3	8.8	8.5	8.2	7.9	7.6	7.2	6.8	6.4
50°	10.7	10.1	9.6	9.1	8.6	8.3	8.0	7.8	7.4	7.0	6.6
48.75°	11.2	10.5	9.9	9.4	8.9	8.5	8.2	7.9	7.6	7.1	6.7
47.5°	11.6	10.9	10.2	9.7	9.1	8.6	8.3	8.0	7.7	7.3	6.9
46.25°	12.0	11.3	10.6	10.0	9.4	8.8	8.4	8.1	7.8	7.4	7.0
45°	12.4	11.7	10.9	10.2	9.7	9.1	8.5	8.2	7.9	7.6	7.1
43.75°	12.8	12.0	11.3	10.5	9.9	9.3	8.7	8.3	8.0	7.7	7.3
42.5°	13.3	12.4	11.6	10.9	10.1	9.5	8.9	8.5	8.1	7.8	7.4
41.25°	13.7	12.8	12.0	11.2	10.4	9.8	9.2	8.6	8.2	7.9	7.5
40°	14.1	13.2	12.3	11.5	10.7	10.0	9.4	8.7	8.3	8.0	7.6
38.75°	14.5	13.6	12.7	11.8	11.0	10.2	9.6	8.9	8.4	8.1	7.7
37.5°	14.9	14.0	13.0	12.1	11.3	10.5	9.8	9.1	8.5	8.2	7.8
36.25°	15.4	14.4	13.4	12.4	11.6	10.7	10.0	9.3	8.6	8.3	7.9
35°	15.9	14.7	13.7	12.8	11.9	11.0	10.1	9.5	8.8	8.3	8.0



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	16.3	15.1	14.1	13.1	12.1	11.2	10.3	9.6	8.9	8.4	8.0
32.5°	16.8	15.5	14.4	13.4	12.4	11.5	10.6	9.8	9.1	8.5	8.1
31.25°	17.2	15.9	14.7	13.7	12.6	11.7	10.8	10.0	9.2	8.6	8.2
30°	17.6	16.3	15.0	14.0	12.9	11.9	11.0	10.1	9.4	8.7	8.2
28.75°	18.0	16.7	15.4	14.2	13.2	12.2	11.2	10.3	9.5	8.8	8.3
27.5°	18.4	17.1	15.7	14.5	13.4	12.4	11.4	10.4	9.7	8.9	8.4
26.25°	18.8	17.4	16.1	14.8	13.7	12.6	11.6	10.6	9.8	9.0	8.4
25°	19.1	17.8	16.4	15.0	13.9	12.8	11.8	10.8	9.9	9.2	8.5
23.75°	19.4	18.1	16.7	15.3	14.1	13.0	11.9	11.0	10.0	9.3	8.5
22.5°	19.8	18.4	17.0	15.6	14.3	13.2	12.1	11.1	10.1	9.4	8.6
21.25°	20.1	18.7	17.3	15.9	14.5	13.4	12.3	11.3	10.3	9.5	8.7
20°	20.3	19.0	17.6	16.1	14.7	13.6	12.4	11.4	10.4	9.6	8.8
18.75°	20.6	19.2	17.8	16.4	14.9	13.7	12.6	11.5	10.5	9.6	8.8
17.5°	20.9	19.5	18.0	16.6	15.1	13.9	12.7	11.7	10.6	9.7	8.9
16.25°	21.1	19.7	18.3	16.8	15.3	14.1	12.9	11.8	10.7	9.8	9.0
15°	21.3	19.9	18.4	17.0	15.5	14.2	13.0	11.9	10.8	9.9	9.1
13.75°	21.4	20.1	18.6	17.2	15.7	14.3	13.1	12.0	10.9	9.9	9.1
12.5°	21.5	20.3	18.8	17.3	15.8	14.4	13.2	12.1	11.0	10.0	9.2
11.25°	21.6	20.4	19.0	17.5	16.0	14.5	13.3	12.1	11.1	10.1	9.2
10°	21.7	20.6	19.1	17.6	16.1	14.6	13.4	12.2	11.1	10.1	9.3
8.75°	21.8	20.7	19.2	17.7	16.2	14.7	13.5	12.3	11.2	10.2	9.3
7.5°	21.9	20.8	19.3	17.8	16.3	14.8	13.6	12.3	11.3	10.2	9.4
6.25°	22.0	20.9	19.4	17.9	16.4	14.9	13.6	12.4	11.3	10.2	9.4
5°	22.0	21.0	19.5	18.0	16.4	14.9	13.7	12.4	11.3	10.3	9.4
3.75°	22.1	21.0	19.5	18.0	16.5	14.9	13.7	12.5	11.4	10.3	9.4
2.5°	22.1	21.1	19.6	18.1	16.5	15.0	13.7	12.5	11.4	10.3	9.4
1.25°	22.1	21.1	19.6	18.1	16.5	15.0	13.7	12.5	11.4	10.3	9.4
0°	22.2	21.1	19.6	18.1	16.6	15.0	13.8	12.5	11.4	10.3	9.5
-1.25°	22.1	21.1	19.6	18.1	16.5	15.0	13.7	12.5	11.4	10.3	9.4
-2.5°	22.1	21.1	19.6	18.1	16.5	15.0	13.7	12.5	11.4	10.3	9.4
-3.75°	22.1	21.0	19.5	18.0	16.5	14.9	13.7	12.5	11.4	10.3	9.4
-5°	22.0	21.0	19.5	18.0	16.4	14.9	13.7	12.4	11.3	10.3	9.4
-6.25°	22.0	20.9	19.4	17.9	16.4	14.9	13.6	12.4	11.3	10.2	9.4
-7.5°	21.9	20.8	19.3	17.8	16.3	14.8	13.6	12.3	11.3	10.2	9.4
-8.75°	21.8	20.7	19.2	17.7	16.2	14.7	13.5	12.3	11.2	10.2	9.3
-10°	21.7	20.6	19.1	17.6	16.1	14.6	13.4	12.2	11.1	10.1	9.3
-11.25°	21.6	20.4	19.0	17.5	16.0	14.5	13.3	12.1	11.1	10.1	9.2
-12.5°	21.5	20.3	18.8	17.3	15.8	14.4	13.2	12.1	11.0	10.0	9.2
-13.75°	21.4	20.1	18.6	17.2	15.7	14.3	13.1	12.0	10.9	9.9	9.1
-15°	21.3	19.9	18.4	17.0	15.5	14.2	13.0	11.9	10.8	9.9	9.1
-16.25°	21.1	19.7	18.3	16.8	15.3	14.1	12.9	11.8	10.7	9.8	9.0
-17.5°	20.9	19.5	18.0	16.6	15.1	13.9	12.7	11.7	10.6	9.7	8.9
-18.75°	20.6	19.2	17.8	16.4	14.9	13.7	12.6	11.5	10.5	9.6	8.8
-20°	20.3	19.0	17.6	16.1	14.7	13.6	12.4	11.4	10.4	9.6	8.8
-21.25°	20.1	18.7	17.3	15.9	14.5	13.4	12.3	11.3	10.3	9.5	8.7



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	19.8	18.4	17.0	15.6	14.3	13.2	12.1	11.1	10.1	9.4	8.6
-23.75°	19.4	18.1	16.7	15.3	14.1	13.0	11.9	11.0	10.0	9.3	8.5
-25°	19.1	17.8	16.4	15.0	13.9	12.8	11.8	10.8	9.9	9.2	8.5
-26.25°	18.8	17.4	16.1	14.8	13.7	12.6	11.6	10.6	9.8	9.0	8.4
-27.5°	18.4	17.1	15.7	14.5	13.4	12.4	11.4	10.4	9.7	8.9	8.4
-28.75°	18.0	16.7	15.4	14.2	13.2	12.2	11.2	10.3	9.5	8.8	8.3
-30°	17.6	16.3	15.0	14.0	12.9	11.9	11.0	10.1	9.4	8.7	8.2
-31.25°	17.2	15.9	14.7	13.7	12.6	11.7	10.8	10.0	9.2	8.6	8.2
-32.5°	16.8	15.5	14.4	13.4	12.4	11.5	10.6	9.8	9.1	8.5	8.1
-33.75°	16.3	15.1	14.1	13.1	12.1	11.2	10.3	9.6	8.9	8.4	8.0
-35°	15.9	14.7	13.7	12.8	11.9	11.0	10.1	9.5	8.8	8.3	8.0
-36.25°	15.4	14.4	13.4	12.4	11.6	10.7	10.0	9.3	8.6	8.3	7.9
-37.5°	14.9	14.0	13.0	12.1	11.3	10.5	9.8	9.1	8.5	8.2	7.8
-38.75°	14.5	13.6	12.7	11.8	11.0	10.2	9.6	8.9	8.4	8.1	7.7
-40°	14.1	13.2	12.3	11.5	10.7	10.0	9.4	8.7	8.3	8.0	7.6
-41.25°	13.7	12.8	12.0	11.2	10.4	9.8	9.2	8.6	8.2	7.9	7.5
-42.5°	13.3	12.4	11.6	10.9	10.1	9.5	8.9	8.5	8.1	7.8	7.4
-43.75°	12.8	12.0	11.3	10.5	9.9	9.3	8.7	8.3	8.0	7.7	7.3
-45°	12.4	11.7	10.9	10.2	9.7	9.1	8.5	8.2	7.9	7.6	7.1
-46.25°	12.0	11.3	10.6	10.0	9.4	8.8	8.4	8.1	7.8	7.4	7.0
-47.5°	11.6	10.9	10.2	9.7	9.1	8.6	8.3	8.0	7.7	7.3	6.9
-48.75°	11.2	10.5	9.9	9.4	8.9	8.5	8.2	7.9	7.6	7.1	6.7
-50°	10.7	10.1	9.6	9.1	8.6	8.3	8.0	7.8	7.4	7.0	6.6
-51.25°	10.3	9.8	9.3	8.8	8.5	8.2	7.9	7.6	7.2	6.8	6.4
-52.5°	10.0	9.5	9.0	8.6	8.3	8.0	7.8	7.4	7.1	6.7	6.3
-53.75°	9.6	9.2	8.7	8.4	8.2	7.9	7.6	7.3	6.9	6.5	6.1
-55°	9.3	8.8	8.5	8.3	8.0	7.8	7.4	7.1	6.7	6.4	5.9
-56.25°	8.9	8.6	8.3	8.1	7.9	7.6	7.2	6.9	6.5	6.1	5.7
-57.5°	8.6	8.4	8.1	7.9	7.7	7.4	7.0	6.7	6.4	5.9	5.5
-58.75°	8.4	8.2	8.0	7.8	7.5	7.2	6.8	6.5	6.1	5.7	5.3
-60°	8.2	8.0	7.8	7.5	7.2	6.9	6.6	6.3	5.9	5.5	5.1
-61.25°	8.0	7.8	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.3	4.9
-62.5°	7.8	7.6	7.3	7.1	6.8	6.5	6.2	5.8	5.4	5.0	4.6
-63.75°	7.6	7.3	7.1	6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.4
-65°	7.3	7.1	6.8	6.6	6.3	5.9	5.6	5.3	4.9	4.6	4.2
-66.25°	7.0	6.8	6.5	6.3	5.9	5.6	5.3	5.0	4.7	4.3	4.0
-67.5°	6.7	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8
-68.75°	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.9	3.6
-70°	6.0	5.8	5.5	5.3	5.0	4.7	4.4	4.2	3.9	3.6	3.3
-71.25°	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.9	3.6	3.4	3.1
-72.5°	5.3	5.0	4.8	4.6	4.3	4.1	3.9	3.6	3.4	3.1	2.9
-73.75°	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.7
-75°	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4
-76.25°	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.2
-77.5°	3.7	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1	2.0



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7
-80°	2.9	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5
-81.25°	2.5	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3
-82.5°	2.0	1.9	1.9	1.8	1.6	1.5	1.4	1.3	1.3	1.2	1.1
-83.75°	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
-85°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-86.25°	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5
-87.5°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-88.75°	0.3	0.3	0.3	0.3	0.3	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: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
86.25°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
85°	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1
83.75°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
82.5°	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
81.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
80°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
78.75°	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
77.5°	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
76.25°	2.0	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
75°	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.3
73.75°	2.4	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7	0.5	0.4
72.5°	2.6	2.4	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.6	0.4
71.25°	2.8	2.6	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.6	0.4
70°	3.1	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.9	0.7	0.4
68.75°	3.3	3.0	2.7	2.4	2.1	1.7	1.4	1.2	0.9	0.7	0.5
67.5°	3.5	3.1	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7	0.5
66.25°	3.7	3.3	3.0	2.7	2.3	2.0	1.6	1.3	1.0	0.8	0.5
65°	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.8	0.5
63.75°	4.1	3.7	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.9	0.6
62.5°	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.9	0.6
61.25°	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.9	0.6
60°	4.7	4.2	3.8	3.4	3.0	2.6	2.1	1.7	1.3	1.0	0.6
58.75°	4.8	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.4	1.0	0.7
57.5°	5.0	4.6	4.1	3.7	3.2	2.8	2.3	1.9	1.4	1.0	0.7
56.25°	5.2	4.8	4.3	3.8	3.4	2.9	2.4	2.0	1.5	1.1	0.7
55°	5.4	4.9	4.4	4.0	3.5	3.0	2.5	2.0	1.5	1.1	0.7
53.75°	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.2	0.8
52.5°	5.8	5.3	4.7	4.2	3.7	3.2	2.7	2.2	1.7	1.2	0.8
51.25°	5.9	5.4	4.9	4.4	3.8	3.3	2.8	2.3	1.7	1.2	0.8
50°	6.1	5.6	5.0	4.5	4.0	3.4	2.9	2.3	1.8	1.3	0.8
48.75°	6.3	5.7	5.2	4.6	4.1	3.5	3.0	2.4	1.8	1.3	0.9
47.5°	6.4	5.9	5.3	4.8	4.2	3.6	3.0	2.5	1.9	1.3	0.9
46.25°	6.6	6.0	5.5	4.9	4.3	3.7	3.1	2.5	1.9	1.4	0.9
45°	6.7	6.2	5.6	5.0	4.4	3.8	3.2	2.6	2.0	1.4	0.9
43.75°	6.8	6.3	5.7	5.1	4.5	3.9	3.3	2.7	2.1	1.4	0.9
42.5°	6.9	6.4	5.8	5.2	4.6	4.0	3.4	2.7	2.1	1.5	1.0
41.25°	7.0	6.6	6.0	5.3	4.7	4.1	3.4	2.8	2.2	1.5	1.0
40°	7.1	6.7	6.1	5.4	4.8	4.2	3.5	2.9	2.2	1.6	1.0
38.75°	7.3	6.8	6.2	5.6	4.9	4.2	3.6	2.9	2.3	1.6	1.0
37.5°	7.4	6.9	6.3	5.7	5.0	4.3	3.6	3.0	2.3	1.6	1.0
36.25°	7.5	6.9	6.4	5.8	5.1	4.4	3.7	3.0	2.3	1.7	1.0
35°	7.6	7.0	6.5	5.9	5.2	4.5	3.8	3.1	2.4	1.7	1.1



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	7.7	7.1	6.6	5.9	5.2	4.5	3.8	3.1	2.4	1.7	1.1
32.5°	7.7	7.2	6.7	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.1
31.25°	7.8	7.3	6.7	6.1	5.4	4.7	4.0	3.2	2.5	1.8	1.1
30°	7.9	7.4	6.8	6.2	5.5	4.7	4.0	3.3	2.5	1.8	1.1
28.75°	7.9	7.5	6.9	6.3	5.6	4.8	4.1	3.3	2.6	1.8	1.1
27.5°	8.0	7.5	7.0	6.4	5.6	4.9	4.1	3.4	2.6	1.9	1.2
26.25°	8.0	7.6	7.0	6.4	5.7	4.9	4.2	3.4	2.6	1.9	1.2
25°	8.1	7.7	7.1	6.5	5.8	5.0	4.2	3.5	2.7	1.9	1.2
23.75°	8.1	7.7	7.1	6.5	5.8	5.0	4.3	3.5	2.7	1.9	1.2
22.5°	8.2	7.8	7.2	6.6	5.9	5.1	4.3	3.5	2.7	2.0	1.2
21.25°	8.2	7.8	7.3	6.6	5.9	5.1	4.4	3.6	2.8	2.0	1.2
20°	8.3	7.8	7.3	6.7	6.0	5.2	4.4	3.6	2.8	2.0	1.2
18.75°	8.3	7.9	7.3	6.7	6.0	5.2	4.4	3.6	2.8	2.0	1.2
17.5°	8.3	7.9	7.4	6.8	6.1	5.3	4.5	3.7	2.8	2.0	1.2
16.25°	8.4	7.9	7.4	6.8	6.1	5.3	4.5	3.7	2.9	2.0	1.2
15°	8.4	8.0	7.5	6.8	6.2	5.3	4.5	3.7	2.9	2.1	1.3
13.75°	8.4	8.0	7.5	6.9	6.2	5.4	4.6	3.7	2.9	2.1	1.3
12.5°	8.5	8.0	7.5	6.9	6.2	5.4	4.6	3.7	2.9	2.1	1.3
11.25°	8.5	8.1	7.6	6.9	6.3	5.4	4.6	3.8	2.9	2.1	1.3
10°	8.5	8.1	7.6	7.0	6.3	5.5	4.6	3.8	2.9	2.1	1.3
8.75°	8.5	8.1	7.6	7.0	6.3	5.5	4.6	3.8	3.0	2.1	1.3
7.5°	8.6	8.1	7.6	7.0	6.3	5.5	4.7	3.8	3.0	2.1	1.3
6.25°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
5°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
3.75°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
2.5°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
1.25°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
0°	8.6	8.2	7.7	7.1	6.4	5.6	4.7	3.9	3.0	2.2	1.3
-1.25°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
-2.5°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
-3.75°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
-5°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
-6.25°	8.6	8.1	7.7	7.0	6.4	5.5	4.7	3.8	3.0	2.1	1.3
-7.5°	8.6	8.1	7.6	7.0	6.3	5.5	4.7	3.8	3.0	2.1	1.3
-8.75°	8.5	8.1	7.6	7.0	6.3	5.5	4.6	3.8	3.0	2.1	1.3
-10°	8.5	8.1	7.6	7.0	6.3	5.5	4.6	3.8	2.9	2.1	1.3
-11.25°	8.5	8.1	7.6	6.9	6.3	5.4	4.6	3.8	2.9	2.1	1.3
-12.5°	8.5	8.0	7.5	6.9	6.2	5.4	4.6	3.7	2.9	2.1	1.3
-13.75°	8.4	8.0	7.5	6.9	6.2	5.4	4.6	3.7	2.9	2.1	1.3
-15°	8.4	8.0	7.5	6.8	6.2	5.3	4.5	3.7	2.9	2.1	1.3
-16.25°	8.4	7.9	7.4	6.8	6.1	5.3	4.5	3.7	2.9	2.0	1.2
-17.5°	8.3	7.9	7.4	6.8	6.1	5.3	4.5	3.7	2.8	2.0	1.2
-18.75°	8.3	7.9	7.3	6.7	6.0	5.2	4.4	3.6	2.8	2.0	1.2
-20°	8.3	7.8	7.3	6.7	6.0	5.2	4.4	3.6	2.8	2.0	1.2
-21.25°	8.2	7.8	7.3	6.6	5.9	5.1	4.4	3.6	2.8	2.0	1.2





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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	8.2	7.8	7.2	6.6	5.9	5.1	4.3	3.5	2.7	2.0	1.2
-23.75°	8.1	7.7	7.1	6.5	5.8	5.0	4.3	3.5	2.7	1.9	1.2
-25°	8.1	7.7	7.1	6.5	5.8	5.0	4.2	3.5	2.7	1.9	1.2
-26.25°	8.0	7.6	7.0	6.4	5.7	4.9	4.2	3.4	2.6	1.9	1.2
-27.5°	8.0	7.5	7.0	6.4	5.6	4.9	4.1	3.4	2.6	1.9	1.2
-28.75°	7.9	7.5	6.9	6.3	5.6	4.8	4.1	3.3	2.6	1.8	1.1
-30°	7.9	7.4	6.8	6.2	5.5	4.7	4.0	3.3	2.5	1.8	1.1
-31.25°	7.8	7.3	6.7	6.1	5.4	4.7	4.0	3.2	2.5	1.8	1.1
-32.5°	7.7	7.2	6.7	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.1
-33.75°	7.7	7.1	6.6	5.9	5.2	4.5	3.8	3.1	2.4	1.7	1.1
-35°	7.6	7.0	6.5	5.9	5.2	4.5	3.8	3.1	2.4	1.7	1.1
-36.25°	7.5	6.9	6.4	5.8	5.1	4.4	3.7	3.0	2.3	1.7	1.0
-37.5°	7.4	6.9	6.3	5.7	5.0	4.3	3.6	3.0	2.3	1.6	1.0
-38.75°	7.3	6.8	6.2	5.6	4.9	4.2	3.6	2.9	2.3	1.6	1.0
-40°	7.1	6.7	6.1	5.4	4.8	4.2	3.5	2.9	2.2	1.6	1.0
-41.25°	7.0	6.6	6.0	5.3	4.7	4.1	3.4	2.8	2.2	1.5	1.0
-42.5°	6.9	6.4	5.8	5.2	4.6	4.0	3.4	2.7	2.1	1.5	1.0
-43.75°	6.8	6.3	5.7	5.1	4.5	3.9	3.3	2.7	2.1	1.4	0.9
-45°	6.7	6.2	5.6	5.0	4.4	3.8	3.2	2.6	2.0	1.4	0.9
-46.25°	6.6	6.0	5.5	4.9	4.3	3.7	3.1	2.5	1.9	1.4	0.9
-47.5°	6.4	5.9	5.3	4.8	4.2	3.6	3.0	2.5	1.9	1.3	0.9
-48.75°	6.3	5.7	5.2	4.6	4.1	3.5	3.0	2.4	1.8	1.3	0.9
-50°	6.1	5.6	5.0	4.5	4.0	3.4	2.9	2.3	1.8	1.3	0.8
-51.25°	5.9	5.4	4.9	4.4	3.8	3.3	2.8	2.3	1.7	1.2	0.8
-52.5°	5.8	5.3	4.7	4.2	3.7	3.2	2.7	2.2	1.7	1.2	0.8
-53.75°	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.2	0.8
-55°	5.4	4.9	4.4	4.0	3.5	3.0	2.5	2.0	1.5	1.1	0.7
-56.25°	5.2	4.8	4.3	3.8	3.4	2.9	2.4	2.0	1.5	1.1	0.7
-57.5°	5.0	4.6	4.1	3.7	3.2	2.8	2.3	1.9	1.4	1.0	0.7
-58.75°	4.8	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.4	1.0	0.7
-60°	4.7	4.2	3.8	3.4	3.0	2.6	2.1	1.7	1.3	1.0	0.6
-61.25°	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.9	0.6
-62.5°	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.9	0.6
-63.75°	4.1	3.7	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.9	0.6
-65°	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.8	0.5
-66.25°	3.7	3.3	3.0	2.7	2.3	2.0	1.6	1.3	1.0	0.8	0.5
-67.5°	3.5	3.1	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7	0.5
-68.75°	3.3	3.0	2.7	2.4	2.1	1.7	1.4	1.2	0.9	0.7	0.5
-70°	3.1	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.9	0.7	0.4
-71.25°	2.8	2.6	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.6	0.4
-72.5°	2.6	2.4	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-73.75°	2.4	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-75°	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.3
-76.25°	2.0	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-77.5°	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-80°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
-81.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-82.5°	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-83.75°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
-85°	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1
-86.25°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-87.5°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-88.75°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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



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**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°	0.1	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°	0.2	0.0
75°	0.2	0.0
73.75°	0.2	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°	0.3	0.0
65°	0.3	0.0
63.75°	0.3	0.0
62.5°	0.3	0.0
61.25°	0.3	0.0
60°	0.3	0.0
58.75°	0.3	0.0
57.5°	0.3	0.0
56.25°	0.4	0.0
55°	0.4	0.0
53.75°	0.4	0.0
52.5°	0.4	0.0
51.25°	0.4	0.0
50°	0.4	0.0
48.75°	0.4	0.0
47.5°	0.4	0.0
46.25°	0.4	0.0
45°	0.5	0.0
43.75°	0.5	0.0
42.5°	0.5	0.0
41.25°	0.5	0.0
40°	0.5	0.0
38.75°	0.5	0.0
37.5°	0.5	0.0
36.25°	0.5	0.0
35°	0.5	0.0



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0.5	0.0
32.5°	0.5	0.0
31.25°	0.6	0.0
30°	0.6	0.0
28.75°	0.6	0.0
27.5°	0.6	0.0
26.25°	0.6	0.0
25°	0.6	0.0
23.75°	0.6	0.0
22.5°	0.6	0.0
21.25°	0.6	0.0
20°	0.6	0.0
18.75°	0.6	0.0
17.5°	0.6	0.0
16.25°	0.6	0.0
15°	0.6	0.0
13.75°	0.6	0.0
12.5°	0.6	0.0
11.25°	0.6	0.0
10°	0.6	0.0
8.75°	0.6	0.0
7.5°	0.6	0.0
6.25°	0.6	0.0
5°	0.6	0.0
3.75°	0.6	0.0
2.5°	0.6	0.0
1.25°	0.6	0.0
0°	0.6	0.0
-1.25°	0.6	0.0
-2.5°	0.6	0.0
-3.75°	0.6	0.0
-5°	0.6	0.0
-6.25°	0.6	0.0
-7.5°	0.6	0.0
-8.75°	0.6	0.0
-10°	0.6	0.0
-11.25°	0.6	0.0
-12.5°	0.6	0.0
-13.75°	0.6	0.0
-15°	0.6	0.0
-16.25°	0.6	0.0
-17.5°	0.6	0.0
-18.75°	0.6	0.0
-20°	0.6	0.0
-21.25°	0.6	0.0



REPORT NUMBER: P220475 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0.6	0.0
-23.75°	0.6	0.0
-25°	0.6	0.0
-26.25°	0.6	0.0
-27.5°	0.6	0.0
-28.75°	0.6	0.0
-30°	0.6	0.0
-31.25°	0.6	0.0
-32.5°	0.5	0.0
-33.75°	0.5	0.0
-35°	0.5	0.0
-36.25°	0.5	0.0
-37.5°	0.5	0.0
-38.75°	0.5	0.0
-40°	0.5	0.0
-41.25°	0.5	0.0
-42.5°	0.5	0.0
-43.75°	0.5	0.0
-45°	0.5	0.0
-46.25°	0.4	0.0
-47.5°	0.4	0.0
-48.75°	0.4	0.0
-50°	0.4	0.0
-51.25°	0.4	0.0
-52.5°	0.4	0.0
-53.75°	0.4	0.0
-55°	0.4	0.0
-56.25°	0.4	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.3	0.0
-61.25°	0.3	0.0
-62.5°	0.3	0.0
-63.75°	0.3	0.0
-65°	0.3	0.0
-66.25°	0.3	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°	0.2	0.0
-75°	0.2	0.0
-76.25°	0.2	0.0
-77.5°	0.1	0.0



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**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°	0.1	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)