

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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

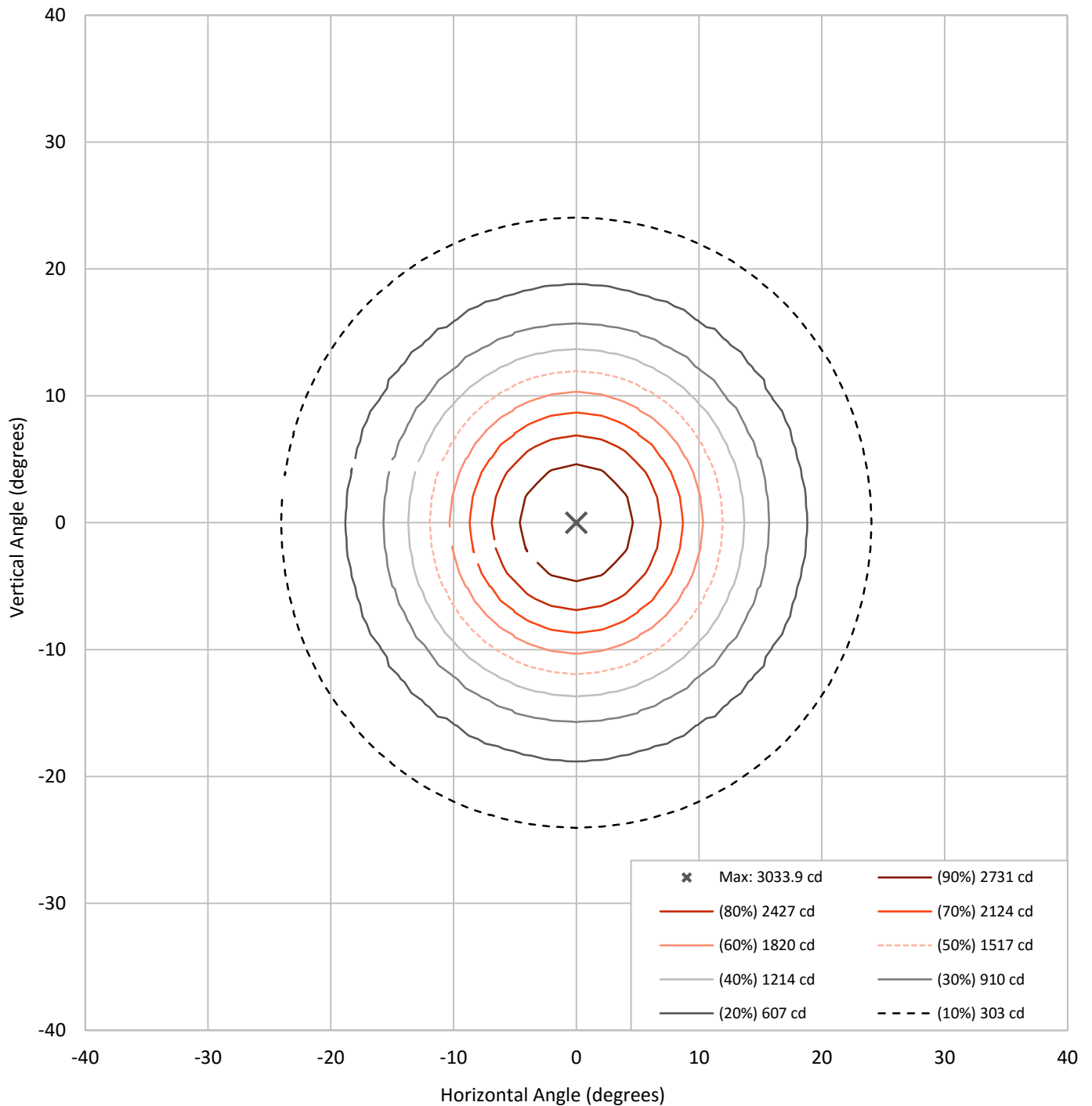
Test Method: LM-79-08  
Report Number: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM 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:	743 lumens	Max Intensity:	3033.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.9°H x 23.9°V	Field Angle (10%):	48.1°H x 48.1°V
Beam Lumens:	296.4 lumens	Field Lumens:	582.8 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
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



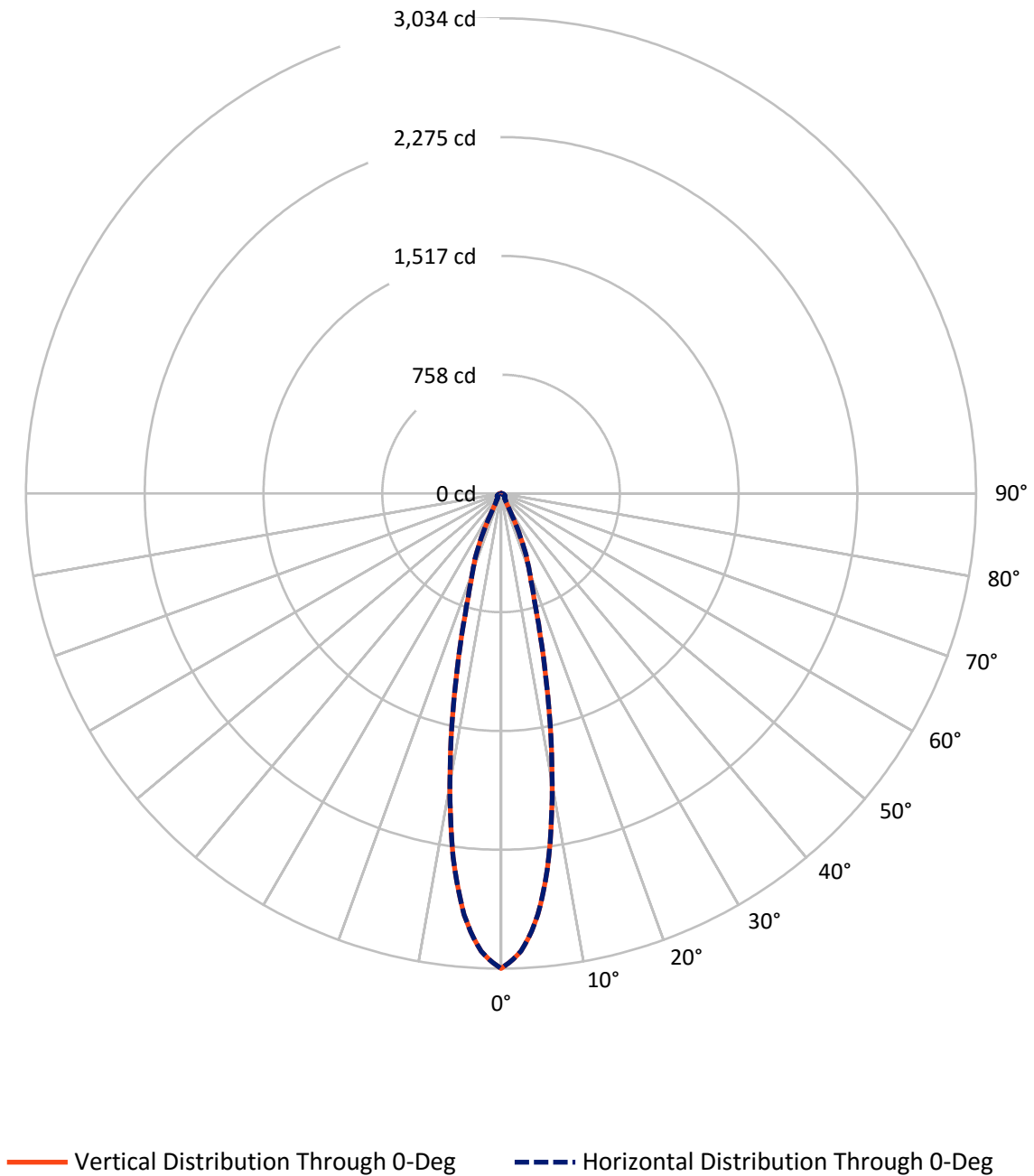
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### Lumen Table

90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
70	0.1	0.1	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.2	0.2	0.1	0.1			
60		0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.2	0.1				
50	0.1	0.2	0.3	0.6	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.3	0.2	0.1			
40		0.2	0.4	0.7	0.8	1.0	1.1	1.3	1.3	1.1	1.0	0.8	0.7	0.4	0.2				
30	0.2	0.2	0.5	0.7	0.9	1.3	3.3	7.1	7.1	3.3	1.3	0.9	0.7	0.5	0.2	0.2			
20		0.3	0.5	0.7	1.0	3.1	13.9	28.4	28.4	13.9	3.1	1.0	0.7	0.5	0.3				
10	0.2	0.3	0.5	0.7	1.1	6.5	27.7	68.2	68.2	27.7	6.5	1.1	0.7	0.5	0.3	0.2			
0		0.3	0.5	0.7	1.1	6.5	27.7	68.2	68.2	27.7	6.5	1.1	0.7	0.5	0.3				
-10	0.2	0.3	0.5	0.7	1.1	6.5	27.7	68.2	68.2	27.7	6.5	1.1	0.7	0.5	0.3	0.2			
-20		0.3	0.5	0.7	1.0	3.1	13.9	28.4	28.4	13.9	3.1	1.0	0.7	0.5	0.3				
-30	0.1	0.2	0.5	0.7	0.9	1.3	3.3	7.1	7.1	3.3	1.3	0.9	0.7	0.5	0.2	0.1			
-40		0.2	0.4	0.7	0.8	1.0	1.1	1.3	1.3	1.1	1.0	0.8	0.7	0.4	0.2				
-50	0.1	0.2	0.3	0.6	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.3	0.2	0.1			
-60		0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.2	0.1				
-70	0.1	0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.2	0.1	0.1			
-80		0.1	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.2	0.2	0.1				
-90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										

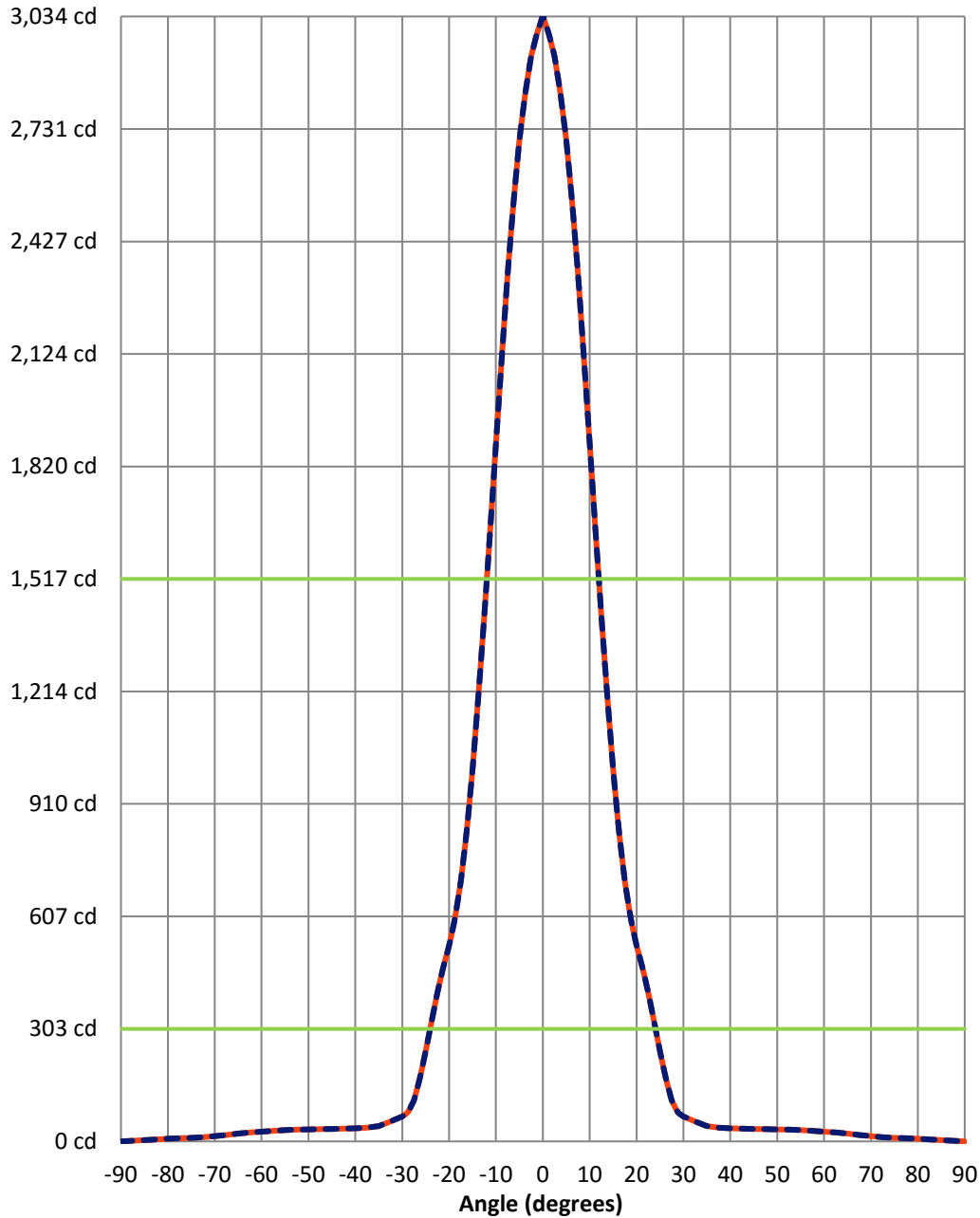
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.9°  
 V Angle: 23.9°  
 Lumens: 296.4  
 Efficiency: 39.9%

**Field:**  
 H Angle: 48.1°  
 V Angle: 48.1°  
 Lumens: 582.8  
 Efficiency: 78.4%

**Spill:**  
 Lumens: 160.2  
 Efficiency: 21.6%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
85°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9
82.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
81.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
78.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
77.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.8
76.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
73.75°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
72.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
71.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
70°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	2.0	2.3	2.6	2.9
68.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.5	2.8	3.1
67.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
66.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.1	3.4
65°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
63.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
62.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.7	3.1	3.5	3.9
61.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.3	3.7	4.1
60°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.0	3.4	3.8	4.3
58.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	4.0	4.4
57.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.6
56.25°	0.0	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.8
55°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.9	4.4	4.9
53.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.6	5.1
52.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.3
51.25°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.9	5.4
50°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.0	5.6
48.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5	5.1	5.8
47.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.7	5.3	6.0
46.25°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.8	5.4	6.1
45°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.9	5.6	6.3
43.75°	0.0	0.6	1.2	1.8	2.5	3.1	3.7	4.3	5.0	5.7	6.5
42.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.8	4.4	5.1	5.8	6.6
41.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.2	6.0	6.8
40°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.3	6.1	6.9
38.75°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.7	5.4	6.3	7.1
37.5°	0.0	0.7	1.3	2.0	2.7	3.4	4.1	4.8	5.6	6.4	7.2
36.25°	0.0	0.7	1.4	2.1	2.7	3.4	4.2	4.9	5.7	6.5	7.3
35°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.0	5.8	6.6	7.4



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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	0.7	1.4	2.1	2.8	3.5	4.3	5.0	5.9	6.7	7.5
32.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.4	5.1	6.0	6.9	7.6
31.25°	0.0	0.7	1.5	2.2	2.9	3.6	4.4	5.2	6.1	7.0	7.6
30°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.3	6.2	7.1	7.7
28.75°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.3	6.3	7.2	7.8
27.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.6	5.4	6.3	7.3	7.9
26.25°	0.0	0.8	1.5	2.3	3.0	3.8	4.6	5.5	6.4	7.3	7.9
25°	0.0	0.8	1.5	2.3	3.1	3.9	4.7	5.6	6.5	7.4	8.0
23.75°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.6	6.6	7.4	8.0
22.5°	0.0	0.8	1.6	2.4	3.1	4.0	4.8	5.7	6.7	7.5	8.1
21.25°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.7	6.7	7.5	8.2
20°	0.0	0.8	1.6	2.4	3.2	4.0	4.9	5.8	6.8	7.6	8.2
18.75°	0.0	0.8	1.6	2.4	3.2	4.1	4.9	5.9	6.8	7.6	8.2
17.5°	0.0	0.8	1.6	2.4	3.2	4.1	4.9	5.9	6.9	7.7	8.3
16.25°	0.0	0.8	1.6	2.4	3.3	4.1	5.0	6.0	7.0	7.7	8.3
15°	0.0	0.8	1.6	2.5	3.3	4.1	5.0	6.0	7.0	7.7	8.4
13.75°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	6.0	7.1	7.8	8.4
12.5°	0.0	0.8	1.7	2.5	3.3	4.2	5.1	6.1	7.1	7.8	8.4
11.25°	0.0	0.8	1.7	2.5	3.3	4.2	5.1	6.1	7.1	7.8	8.5
10°	0.0	0.8	1.7	2.5	3.3	4.2	5.1	6.1	7.2	7.9	8.5
8.75°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	6.2	7.2	7.9	8.5
7.5°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.2	7.9	8.5
6.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.2	7.9	8.6
5°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
3.75°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
2.5°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
1.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
0°	0.0	0.8	1.7	2.6	3.4	4.3	5.2	6.3	7.3	8.0	8.6
-1.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
-2.5°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
-3.75°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
-5°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.3	7.9	8.6
-6.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.2	7.9	8.6
-7.5°	0.0	0.8	1.7	2.5	3.4	4.3	5.2	6.2	7.2	7.9	8.5
-8.75°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	6.2	7.2	7.9	8.5
-10°	0.0	0.8	1.7	2.5	3.3	4.2	5.1	6.1	7.2	7.9	8.5
-11.25°	0.0	0.8	1.7	2.5	3.3	4.2	5.1	6.1	7.1	7.8	8.5
-12.5°	0.0	0.8	1.7	2.5	3.3	4.2	5.1	6.1	7.1	7.8	8.4
-13.75°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	6.0	7.1	7.8	8.4
-15°	0.0	0.8	1.6	2.5	3.3	4.1	5.0	6.0	7.0	7.7	8.4
-16.25°	0.0	0.8	1.6	2.4	3.3	4.1	5.0	6.0	7.0	7.7	8.3
-17.5°	0.0	0.8	1.6	2.4	3.2	4.1	4.9	5.9	6.9	7.7	8.3
-18.75°	0.0	0.8	1.6	2.4	3.2	4.1	4.9	5.9	6.8	7.6	8.2
-20°	0.0	0.8	1.6	2.4	3.2	4.0	4.9	5.8	6.8	7.6	8.2
-21.25°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.7	6.7	7.5	8.2





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.8	1.6	2.4	3.1	4.0	4.8	5.7	6.7	7.5	8.1
-23.75°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.6	6.6	7.4	8.0
-25°	0.0	0.8	1.5	2.3	3.1	3.9	4.7	5.6	6.5	7.4	8.0
-26.25°	0.0	0.8	1.5	2.3	3.0	3.8	4.6	5.5	6.4	7.3	7.9
-27.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.6	5.4	6.3	7.3	7.9
-28.75°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.3	6.3	7.2	7.8
-30°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.3	6.2	7.1	7.7
-31.25°	0.0	0.7	1.5	2.2	2.9	3.6	4.4	5.2	6.1	7.0	7.6
-32.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.4	5.1	6.0	6.9	7.6
-33.75°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.0	5.9	6.7	7.5
-35°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.0	5.8	6.6	7.4
-36.25°	0.0	0.7	1.4	2.1	2.7	3.4	4.2	4.9	5.7	6.5	7.3
-37.5°	0.0	0.7	1.3	2.0	2.7	3.4	4.1	4.8	5.6	6.4	7.2
-38.75°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.7	5.4	6.3	7.1
-40°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.3	6.1	6.9
-41.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.2	6.0	6.8
-42.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.8	4.4	5.1	5.8	6.6
-43.75°	0.0	0.6	1.2	1.8	2.5	3.1	3.7	4.3	5.0	5.7	6.5
-45°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.9	5.6	6.3
-46.25°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.8	5.4	6.1
-47.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.7	5.3	6.0
-48.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5	5.1	5.8
-50°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.0	5.6
-51.25°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.9	5.4
-52.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.3
-53.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.6	5.1
-55°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.9	4.4	4.9
-56.25°	0.0	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.8
-57.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.6
-58.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	4.0	4.4
-60°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.0	3.4	3.8	4.3
-61.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.3	3.7	4.1
-62.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.7	3.1	3.5	3.9
-63.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-65°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
-66.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.1	3.4
-67.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
-68.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.5	2.8	3.1
-70°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	2.0	2.3	2.6	2.9
-71.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-72.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
-73.75°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
-76.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-77.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.8



REPORT NUMBER: P220458 (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	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
-81.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
-82.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9
-85°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
-86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	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: P220458 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9
82.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3
81.25°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.6
80°	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9	3.0
78.75°	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.4
77.5°	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8
76.25°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1
75°	2.4	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.3	4.5
73.75°	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9
72.5°	2.8	3.0	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.1	5.3
71.25°	3.0	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2	5.5	5.8
70°	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2	5.6	5.9	6.2
68.75°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.6	6.0	6.3	6.6
67.5°	3.6	3.9	4.2	4.6	4.9	5.2	5.6	6.0	6.3	6.7	7.1
66.25°	3.8	4.1	4.5	4.8	5.2	5.6	6.0	6.3	6.7	7.1	7.4
65°	4.0	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.7
63.75°	4.1	4.5	4.9	5.3	5.8	6.2	6.6	7.1	7.4	7.7	8.0
62.5°	4.3	4.7	5.1	5.6	6.1	6.5	7.0	7.4	7.7	8.0	8.2
61.25°	4.5	4.9	5.4	5.9	6.4	6.9	7.3	7.6	7.9	8.2	8.5
60°	4.7	5.2	5.7	6.2	6.7	7.2	7.5	7.8	8.1	8.4	8.7
58.75°	4.9	5.4	5.9	6.4	7.0	7.4	7.7	8.1	8.4	8.7	8.9
57.5°	5.1	5.6	6.2	6.7	7.3	7.6	7.9	8.3	8.6	8.8	9.0
56.25°	5.3	5.8	6.4	7.0	7.4	7.8	8.1	8.5	8.8	9.0	9.2
55°	5.5	6.1	6.7	7.2	7.6	8.0	8.3	8.7	8.9	9.2	9.4
53.75°	5.7	6.3	6.9	7.4	7.8	8.2	8.5	8.8	9.1	9.3	9.6
52.5°	5.9	6.5	7.1	7.6	8.0	8.3	8.7	8.9	9.2	9.5	9.9
51.25°	6.1	6.7	7.3	7.7	8.1	8.5	8.8	9.1	9.4	9.7	10.2
50°	6.3	6.9	7.5	7.9	8.3	8.7	8.9	9.2	9.5	10.0	10.5
48.75°	6.5	7.2	7.6	8.0	8.5	8.8	9.1	9.4	9.8	10.3	10.8
47.5°	6.7	7.3	7.8	8.2	8.6	8.9	9.2	9.5	10.0	10.6	11.1
46.25°	6.8	7.5	7.9	8.3	8.7	9.0	9.3	9.7	10.3	10.9	11.6
45°	7.0	7.6	8.0	8.5	8.8	9.1	9.4	10.0	10.6	11.1	12.1
43.75°	7.2	7.7	8.2	8.6	8.9	9.2	9.6	10.2	10.8	11.5	12.6
42.5°	7.3	7.8	8.3	8.7	9.0	9.4	9.8	10.4	11.0	12.0	13.0
41.25°	7.5	7.9	8.4	8.8	9.1	9.5	10.1	10.7	11.4	12.4	13.5
40°	7.6	8.0	8.5	8.9	9.2	9.6	10.3	10.9	11.8	12.9	14.0
38.75°	7.7	8.2	8.6	9.0	9.3	9.8	10.5	11.1	12.2	13.3	14.4
37.5°	7.8	8.3	8.7	9.1	9.4	10.0	10.7	11.4	12.6	13.7	14.9
36.25°	7.8	8.4	8.8	9.2	9.5	10.2	10.9	11.8	12.9	14.1	15.3
35°	7.9	8.5	8.9	9.2	9.7	10.4	11.0	12.1	13.3	14.5	15.7



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	8.0	8.6	8.9	9.3	9.8	10.5	11.2	12.5	13.7	14.9	16.1
32.5°	8.1	8.6	9.0	9.4	10.0	10.7	11.6	12.8	14.0	15.3	16.5
31.25°	8.2	8.7	9.1	9.5	10.1	10.9	11.9	13.1	14.4	15.6	16.9
30°	8.3	8.8	9.1	9.6	10.3	11.0	12.2	13.4	14.7	16.0	17.2
28.75°	8.4	8.8	9.2	9.7	10.4	11.2	12.4	13.7	15.0	16.3	17.7
27.5°	8.4	8.9	9.3	9.8	10.6	11.4	12.7	14.0	15.3	16.6	18.1
26.25°	8.5	8.9	9.3	9.9	10.7	11.6	13.0	14.3	15.6	16.9	18.6
25°	8.6	9.0	9.4	10.1	10.8	11.9	13.2	14.6	15.9	17.2	19.0
23.75°	8.6	9.0	9.4	10.2	10.9	12.1	13.4	14.8	16.2	17.6	19.4
22.5°	8.7	9.1	9.5	10.3	11.0	12.3	13.7	15.0	16.4	18.0	19.7
21.25°	8.7	9.1	9.6	10.4	11.2	12.5	13.9	15.3	16.7	18.3	20.1
20°	8.7	9.2	9.7	10.5	11.3	12.7	14.1	15.5	16.9	18.6	20.4
18.75°	8.8	9.2	9.7	10.5	11.5	12.9	14.3	15.7	17.1	18.9	20.7
17.5°	8.8	9.2	9.8	10.6	11.6	13.0	14.5	15.9	17.3	19.2	21.0
16.25°	8.8	9.3	9.9	10.7	11.8	13.2	14.6	16.1	17.6	19.4	21.3
15°	8.9	9.3	10.0	10.8	11.9	13.3	14.8	16.2	17.8	19.7	21.4
13.75°	8.9	9.3	10.0	10.8	12.0	13.5	14.9	16.4	18.0	19.9	21.6
12.5°	8.9	9.4	10.1	10.9	12.1	13.6	15.1	16.5	18.2	20.1	21.8
11.25°	9.0	9.4	10.1	11.0	12.3	13.7	15.2	16.7	18.4	20.3	22.0
10°	9.0	9.4	10.2	11.0	12.3	13.8	15.3	16.8	18.6	20.5	22.1
8.75°	9.0	9.4	10.2	11.1	12.4	13.9	15.4	16.9	18.7	20.6	22.2
7.5°	9.0	9.5	10.3	11.1	12.5	14.0	15.5	17.0	18.8	20.7	22.3
6.25°	9.0	9.5	10.3	11.1	12.6	14.1	15.5	17.0	18.9	20.9	22.4
5°	9.0	9.5	10.3	11.2	12.6	14.1	15.6	17.1	19.0	20.9	22.5
3.75°	9.0	9.5	10.3	11.2	12.7	14.1	15.6	17.1	19.1	21.0	22.5
2.5°	9.0	9.5	10.3	11.2	12.7	14.2	15.7	17.2	19.1	21.1	22.6
1.25°	9.0	9.5	10.3	11.2	12.7	14.2	15.7	17.2	19.1	21.1	22.6
0°	9.1	9.5	10.4	11.2	12.7	14.2	15.7	17.2	19.2	21.1	22.6
-1.25°	9.0	9.5	10.3	11.2	12.7	14.2	15.7	17.2	19.1	21.1	22.6
-2.5°	9.0	9.5	10.3	11.2	12.7	14.2	15.7	17.2	19.1	21.1	22.6
-3.75°	9.0	9.5	10.3	11.2	12.7	14.1	15.6	17.1	19.1	21.0	22.5
-5°	9.0	9.5	10.3	11.2	12.6	14.1	15.6	17.1	19.0	20.9	22.5
-6.25°	9.0	9.5	10.3	11.1	12.6	14.1	15.5	17.0	18.9	20.9	22.4
-7.5°	9.0	9.5	10.3	11.1	12.5	14.0	15.5	17.0	18.8	20.7	22.3
-8.75°	9.0	9.4	10.2	11.1	12.4	13.9	15.4	16.9	18.7	20.6	22.2
-10°	9.0	9.4	10.2	11.0	12.3	13.8	15.3	16.8	18.6	20.5	22.1
-11.25°	9.0	9.4	10.1	11.0	12.3	13.7	15.2	16.7	18.4	20.3	22.0
-12.5°	8.9	9.4	10.1	10.9	12.1	13.6	15.1	16.5	18.2	20.1	21.8
-13.75°	8.9	9.3	10.0	10.8	12.0	13.5	14.9	16.4	18.0	19.9	21.6
-15°	8.9	9.3	10.0	10.8	11.9	13.3	14.8	16.2	17.8	19.7	21.4
-16.25°	8.8	9.3	9.9	10.7	11.8	13.2	14.6	16.1	17.6	19.4	21.3
-17.5°	8.8	9.2	9.8	10.6	11.6	13.0	14.5	15.9	17.3	19.2	21.0
-18.75°	8.8	9.2	9.7	10.5	11.5	12.9	14.3	15.7	17.1	18.9	20.7
-20°	8.7	9.2	9.7	10.5	11.3	12.7	14.1	15.5	16.9	18.6	20.4
-21.25°	8.7	9.1	9.6	10.4	11.2	12.5	13.9	15.3	16.7	18.3	20.1



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	8.7	9.1	9.5	10.3	11.0	12.3	13.7	15.0	16.4	18.0	19.7
-23.75°	8.6	9.0	9.4	10.2	10.9	12.1	13.4	14.8	16.2	17.6	19.4
-25°	8.6	9.0	9.4	10.1	10.8	11.9	13.2	14.6	15.9	17.2	19.0
-26.25°	8.5	8.9	9.3	9.9	10.7	11.6	13.0	14.3	15.6	16.9	18.6
-27.5°	8.4	8.9	9.3	9.8	10.6	11.4	12.7	14.0	15.3	16.6	18.1
-28.75°	8.4	8.8	9.2	9.7	10.4	11.2	12.4	13.7	15.0	16.3	17.7
-30°	8.3	8.8	9.1	9.6	10.3	11.0	12.2	13.4	14.7	16.0	17.2
-31.25°	8.2	8.7	9.1	9.5	10.1	10.9	11.9	13.1	14.4	15.6	16.9
-32.5°	8.1	8.6	9.0	9.4	10.0	10.7	11.6	12.8	14.0	15.3	16.5
-33.75°	8.0	8.6	8.9	9.3	9.8	10.5	11.2	12.5	13.7	14.9	16.1
-35°	7.9	8.5	8.9	9.2	9.7	10.4	11.0	12.1	13.3	14.5	15.7
-36.25°	7.8	8.4	8.8	9.2	9.5	10.2	10.9	11.8	12.9	14.1	15.3
-37.5°	7.8	8.3	8.7	9.1	9.4	10.0	10.7	11.4	12.6	13.7	14.9
-38.75°	7.7	8.2	8.6	9.0	9.3	9.8	10.5	11.1	12.2	13.3	14.4
-40°	7.6	8.0	8.5	8.9	9.2	9.6	10.3	10.9	11.8	12.9	14.0
-41.25°	7.5	7.9	8.4	8.8	9.1	9.5	10.1	10.7	11.4	12.4	13.5
-42.5°	7.3	7.8	8.3	8.7	9.0	9.4	9.8	10.4	11.0	12.0	13.0
-43.75°	7.2	7.7	8.2	8.6	8.9	9.2	9.6	10.2	10.8	11.5	12.6
-45°	7.0	7.6	8.0	8.5	8.8	9.1	9.4	10.0	10.6	11.1	12.1
-46.25°	6.8	7.5	7.9	8.3	8.7	9.0	9.3	9.7	10.3	10.9	11.6
-47.5°	6.7	7.3	7.8	8.2	8.6	8.9	9.2	9.5	10.0	10.6	11.1
-48.75°	6.5	7.2	7.6	8.0	8.5	8.8	9.1	9.4	9.8	10.3	10.8
-50°	6.3	6.9	7.5	7.9	8.3	8.7	8.9	9.2	9.5	10.0	10.5
-51.25°	6.1	6.7	7.3	7.7	8.1	8.5	8.8	9.1	9.4	9.7	10.2
-52.5°	5.9	6.5	7.1	7.6	8.0	8.3	8.7	8.9	9.2	9.5	9.9
-53.75°	5.7	6.3	6.9	7.4	7.8	8.2	8.5	8.8	9.1	9.3	9.6
-55°	5.5	6.1	6.7	7.2	7.6	8.0	8.3	8.7	8.9	9.2	9.4
-56.25°	5.3	5.8	6.4	7.0	7.4	7.8	8.1	8.5	8.8	9.0	9.2
-57.5°	5.1	5.6	6.2	6.7	7.3	7.6	7.9	8.3	8.6	8.8	9.0
-58.75°	4.9	5.4	5.9	6.4	7.0	7.4	7.7	8.1	8.4	8.7	8.9
-60°	4.7	5.2	5.7	6.2	6.7	7.2	7.5	7.8	8.1	8.4	8.7
-61.25°	4.5	4.9	5.4	5.9	6.4	6.9	7.3	7.6	7.9	8.2	8.5
-62.5°	4.3	4.7	5.1	5.6	6.1	6.5	7.0	7.4	7.7	8.0	8.2
-63.75°	4.1	4.5	4.9	5.3	5.8	6.2	6.6	7.1	7.4	7.7	8.0
-65°	4.0	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.7
-66.25°	3.8	4.1	4.5	4.8	5.2	5.6	6.0	6.3	6.7	7.1	7.4
-67.5°	3.6	3.9	4.2	4.6	4.9	5.2	5.6	6.0	6.3	6.7	7.1
-68.75°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.6	6.0	6.3	6.6
-70°	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2	5.6	5.9	6.2
-71.25°	3.0	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2	5.5	5.8
-72.5°	2.8	3.0	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.1	5.3
-73.75°	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9
-75°	2.4	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.3	4.5
-76.25°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1
-77.5°	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8



REPORT NUMBER: P220458 (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°	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.4
-80°	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9	3.0
-81.25°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.6
-82.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3
-83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9
-85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
-86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	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: P220458 (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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
85°	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2
83.75°	2.0	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7
82.5°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
81.25°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
80°	3.1	3.3	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4
78.75°	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0
77.5°	3.9	4.1	4.3	4.4	4.6	4.8	4.9	5.1	5.3	5.4	5.6
76.25°	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3
75°	4.7	4.9	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.7	6.9
73.75°	5.1	5.4	5.7	5.9	6.2	6.4	6.7	6.9	7.1	7.3	7.5
72.5°	5.6	5.9	6.2	6.4	6.7	7.0	7.2	7.4	7.6	7.7	7.9
71.25°	6.1	6.4	6.7	7.0	7.3	7.4	7.6	7.8	8.0	8.1	8.3
70°	6.5	6.9	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7
68.75°	7.0	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.8	8.9
67.5°	7.4	7.6	7.8	8.1	8.3	8.5	8.7	8.8	8.9	9.1	9.2
66.25°	7.7	7.9	8.1	8.4	8.6	8.8	8.9	9.1	9.2	9.4	9.5
65°	8.0	8.2	8.4	8.7	8.8	9.0	9.2	9.3	9.5	9.7	10.0
63.75°	8.2	8.5	8.7	8.9	9.0	9.2	9.4	9.6	9.9	10.2	10.5
62.5°	8.5	8.7	8.9	9.1	9.3	9.5	9.7	10.1	10.4	10.7	11.0
61.25°	8.7	8.9	9.1	9.3	9.5	9.8	10.2	10.5	10.9	11.2	11.8
60°	8.9	9.1	9.3	9.5	9.9	10.3	10.6	11.0	11.5	12.1	12.7
58.75°	9.1	9.3	9.5	9.9	10.3	10.7	11.1	11.6	12.3	12.9	13.6
57.5°	9.3	9.5	9.9	10.3	10.7	11.1	11.7	12.4	13.1	13.8	14.4
56.25°	9.5	9.8	10.3	10.7	11.1	11.8	12.5	13.2	13.9	14.6	15.3
55°	9.7	10.2	10.6	11.1	11.7	12.5	13.2	14.0	14.7	15.4	16.2
53.75°	10.1	10.5	11.0	11.6	12.4	13.2	14.0	14.8	15.5	16.3	17.0
52.5°	10.4	10.9	11.5	12.3	13.1	13.9	14.7	15.5	16.3	17.1	18.0
51.25°	10.7	11.2	12.1	12.9	13.8	14.6	15.4	16.3	17.1	18.1	19.1
50°	11.0	11.8	12.7	13.6	14.4	15.3	16.2	17.0	18.0	19.1	20.2
48.75°	11.5	12.4	13.3	14.2	15.1	16.0	16.9	17.9	19.0	20.1	21.2
47.5°	12.0	13.0	13.9	14.8	15.7	16.7	17.7	18.8	20.0	21.1	22.0
46.25°	12.5	13.5	14.5	15.4	16.4	17.3	18.6	19.8	20.9	21.9	22.8
45°	13.1	14.1	15.0	16.0	17.0	18.2	19.4	20.7	21.7	22.6	23.5
43.75°	13.6	14.6	15.6	16.6	17.7	19.0	20.3	21.4	22.4	23.4	24.2
42.5°	14.1	15.1	16.2	17.2	18.5	19.8	21.1	22.1	23.1	24.1	24.8
41.25°	14.6	15.6	16.7	17.9	19.3	20.6	21.8	22.8	23.8	24.6	25.3
40°	15.1	16.1	17.2	18.6	20.0	21.3	22.4	23.4	24.3	25.1	25.8
38.75°	15.5	16.6	17.9	19.3	20.7	21.9	23.0	24.1	24.8	25.5	26.3
37.5°	16.0	17.1	18.6	20.0	21.4	22.5	23.6	24.5	25.3	26.0	26.8
36.25°	16.4	17.7	19.2	20.7	21.9	23.0	24.1	24.9	25.7	26.5	27.3
35°	16.9	18.3	19.8	21.3	22.4	23.6	24.5	25.3	26.1	26.9	27.8



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	17.3	18.9	20.4	21.8	22.9	24.1	24.9	25.7	26.6	27.4	28.2
32.5°	17.9	19.4	21.0	22.2	23.4	24.5	25.3	26.1	27.0	27.8	28.7
31.25°	18.4	20.0	21.5	22.7	23.9	24.8	25.7	26.5	27.4	28.3	29.1
30°	18.9	20.5	21.9	23.1	24.3	25.2	26.0	26.9	27.8	28.7	29.5
28.75°	19.4	21.0	22.3	23.6	24.6	25.5	26.4	27.3	28.2	29.1	29.9
27.5°	19.8	21.4	22.7	24.0	24.9	25.8	26.7	27.6	28.6	29.4	30.3
26.25°	20.3	21.8	23.1	24.3	25.2	26.1	27.0	28.0	28.9	29.8	30.6
25°	20.7	22.1	23.4	24.6	25.5	26.4	27.4	28.3	29.2	30.1	30.8
23.75°	21.1	22.4	23.8	24.8	25.7	26.7	27.7	28.6	29.5	30.5	31.0
22.5°	21.4	22.8	24.1	25.1	26.0	27.0	28.0	28.9	29.8	30.7	31.2
21.25°	21.7	23.1	24.3	25.3	26.2	27.2	28.2	29.2	30.1	30.9	31.4
20°	22.0	23.3	24.5	25.5	26.5	27.5	28.5	29.5	30.4	31.0	31.6
18.75°	22.2	23.6	24.7	25.7	26.7	27.7	28.7	29.7	30.6	31.2	31.8
17.5°	22.5	23.9	24.9	25.9	26.9	28.0	29.0	29.9	30.8	31.4	31.8
16.25°	22.7	24.1	25.1	26.1	27.1	28.2	29.2	30.2	30.9	31.5	31.9
15°	22.9	24.3	25.3	26.3	27.3	28.4	29.4	30.4	31.0	31.6	31.9
13.75°	23.1	24.4	25.4	26.4	27.5	28.5	29.5	30.5	31.2	31.8	32.0
12.5°	23.3	24.5	25.5	26.6	27.6	28.7	29.7	30.6	31.3	31.8	32.0
11.25°	23.4	24.6	25.7	26.7	27.8	28.8	29.9	30.7	31.4	31.9	32.1
10°	23.6	24.7	25.8	26.8	27.9	29.0	30.0	30.8	31.5	31.9	32.1
8.75°	23.7	24.8	25.9	26.9	28.0	29.1	30.1	30.9	31.5	31.9	32.1
7.5°	23.8	24.9	26.0	27.0	28.1	29.2	30.2	31.0	31.6	31.9	32.1
6.25°	23.9	25.0	26.0	27.1	28.2	29.3	30.3	31.0	31.7	32.0	32.2
5°	24.0	25.0	26.1	27.2	28.3	29.3	30.4	31.1	31.7	32.0	32.2
3.75°	24.0	25.1	26.1	27.2	28.3	29.4	30.4	31.1	31.8	32.0	32.2
2.5°	24.1	25.1	26.2	27.3	28.4	29.4	30.5	31.1	31.8	32.0	32.2
1.25°	24.1	25.1	26.2	27.3	28.4	29.4	30.5	31.1	31.8	32.0	32.2
0°	24.1	25.2	26.2	27.3	28.4	29.5	30.5	31.2	31.8	32.0	32.2
-1.25°	24.1	25.1	26.2	27.3	28.4	29.4	30.5	31.1	31.8	32.0	32.2
-2.5°	24.1	25.1	26.2	27.3	28.4	29.4	30.5	31.1	31.8	32.0	32.2
-3.75°	24.0	25.1	26.1	27.2	28.3	29.4	30.4	31.1	31.8	32.0	32.2
-5°	24.0	25.0	26.1	27.2	28.3	29.3	30.4	31.1	31.7	32.0	32.2
-6.25°	23.9	25.0	26.0	27.1	28.2	29.3	30.3	31.0	31.7	32.0	32.2
-7.5°	23.8	24.9	26.0	27.0	28.1	29.2	30.2	31.0	31.6	31.9	32.1
-8.75°	23.7	24.8	25.9	26.9	28.0	29.1	30.1	30.9	31.5	31.9	32.1
-10°	23.6	24.7	25.8	26.8	27.9	29.0	30.0	30.8	31.5	31.9	32.1
-11.25°	23.4	24.6	25.7	26.7	27.8	28.8	29.9	30.7	31.4	31.9	32.1
-12.5°	23.3	24.5	25.5	26.6	27.6	28.7	29.7	30.6	31.3	31.8	32.0
-13.75°	23.1	24.4	25.4	26.4	27.5	28.5	29.5	30.5	31.2	31.8	32.0
-15°	22.9	24.3	25.3	26.3	27.3	28.4	29.4	30.4	31.0	31.6	31.9
-16.25°	22.7	24.1	25.1	26.1	27.1	28.2	29.2	30.2	30.9	31.5	31.9
-17.5°	22.5	23.9	24.9	25.9	26.9	28.0	29.0	29.9	30.8	31.4	31.8
-18.75°	22.2	23.6	24.7	25.7	26.7	27.7	28.7	29.7	30.6	31.2	31.8
-20°	22.0	23.3	24.5	25.5	26.5	27.5	28.5	29.5	30.4	31.0	31.6
-21.25°	21.7	23.1	24.3	25.3	26.2	27.2	28.2	29.2	30.1	30.9	31.4





REPORT NUMBER: P220458 (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°
-22.5°	21.4	22.8	24.1	25.1	26.0	27.0	28.0	28.9	29.8	30.7	31.2
-23.75°	21.1	22.4	23.8	24.8	25.7	26.7	27.7	28.6	29.5	30.5	31.0
-25°	20.7	22.1	23.4	24.6	25.5	26.4	27.4	28.3	29.2	30.1	30.8
-26.25°	20.3	21.8	23.1	24.3	25.2	26.1	27.0	28.0	28.9	29.8	30.6
-27.5°	19.8	21.4	22.7	24.0	24.9	25.8	26.7	27.6	28.6	29.4	30.3
-28.75°	19.4	21.0	22.3	23.6	24.6	25.5	26.4	27.3	28.2	29.1	29.9
-30°	18.9	20.5	21.9	23.1	24.3	25.2	26.0	26.9	27.8	28.7	29.5
-31.25°	18.4	20.0	21.5	22.7	23.9	24.8	25.7	26.5	27.4	28.3	29.1
-32.5°	17.9	19.4	21.0	22.2	23.4	24.5	25.3	26.1	27.0	27.8	28.7
-33.75°	17.3	18.9	20.4	21.8	22.9	24.1	24.9	25.7	26.6	27.4	28.2
-35°	16.9	18.3	19.8	21.3	22.4	23.6	24.5	25.3	26.1	26.9	27.8
-36.25°	16.4	17.7	19.2	20.7	21.9	23.0	24.1	24.9	25.7	26.5	27.3
-37.5°	16.0	17.1	18.6	20.0	21.4	22.5	23.6	24.5	25.3	26.0	26.8
-38.75°	15.5	16.6	17.9	19.3	20.7	21.9	23.0	24.1	24.8	25.5	26.3
-40°	15.1	16.1	17.2	18.6	20.0	21.3	22.4	23.4	24.3	25.1	25.8
-41.25°	14.6	15.6	16.7	17.9	19.3	20.6	21.8	22.8	23.8	24.6	25.3
-42.5°	14.1	15.1	16.2	17.2	18.5	19.8	21.1	22.1	23.1	24.1	24.8
-43.75°	13.6	14.6	15.6	16.6	17.7	19.0	20.3	21.4	22.4	23.4	24.2
-45°	13.1	14.1	15.0	16.0	17.0	18.2	19.4	20.7	21.7	22.6	23.5
-46.25°	12.5	13.5	14.5	15.4	16.4	17.3	18.6	19.8	20.9	21.9	22.8
-47.5°	12.0	13.0	13.9	14.8	15.7	16.7	17.7	18.8	20.0	21.1	22.0
-48.75°	11.5	12.4	13.3	14.2	15.1	16.0	16.9	17.9	19.0	20.1	21.2
-50°	11.0	11.8	12.7	13.6	14.4	15.3	16.2	17.0	18.0	19.1	20.2
-51.25°	10.7	11.2	12.1	12.9	13.8	14.6	15.4	16.3	17.1	18.1	19.1
-52.5°	10.4	10.9	11.5	12.3	13.1	13.9	14.7	15.5	16.3	17.1	18.0
-53.75°	10.1	10.5	11.0	11.6	12.4	13.2	14.0	14.8	15.5	16.3	17.0
-55°	9.7	10.2	10.6	11.1	11.7	12.5	13.2	14.0	14.7	15.4	16.2
-56.25°	9.5	9.8	10.3	10.7	11.1	11.8	12.5	13.2	13.9	14.6	15.3
-57.5°	9.3	9.5	9.9	10.3	10.7	11.1	11.7	12.4	13.1	13.8	14.4
-58.75°	9.1	9.3	9.5	9.9	10.3	10.7	11.1	11.6	12.3	12.9	13.6
-60°	8.9	9.1	9.3	9.5	9.9	10.3	10.6	11.0	11.5	12.1	12.7
-61.25°	8.7	8.9	9.1	9.3	9.5	9.8	10.2	10.5	10.9	11.2	11.8
-62.5°	8.5	8.7	8.9	9.1	9.3	9.5	9.7	10.1	10.4	10.7	11.0
-63.75°	8.2	8.5	8.7	8.9	9.0	9.2	9.4	9.6	9.9	10.2	10.5
-65°	8.0	8.2	8.4	8.7	8.8	9.0	9.2	9.3	9.5	9.7	10.0
-66.25°	7.7	7.9	8.1	8.4	8.6	8.8	8.9	9.1	9.2	9.4	9.5
-67.5°	7.4	7.6	7.8	8.1	8.3	8.5	8.7	8.8	8.9	9.1	9.2
-68.75°	7.0	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.8	8.9
-70°	6.5	6.9	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7
-71.25°	6.1	6.4	6.7	7.0	7.3	7.4	7.6	7.8	8.0	8.1	8.3
-72.5°	5.6	5.9	6.2	6.4	6.7	7.0	7.2	7.4	7.6	7.7	7.9
-73.75°	5.1	5.4	5.7	5.9	6.2	6.4	6.7	6.9	7.1	7.3	7.5
-75°	4.7	4.9	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.7	6.9
-76.25°	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3
-77.5°	3.9	4.1	4.3	4.4	4.6	4.8	4.9	5.1	5.3	5.4	5.6



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0
-80°	3.1	3.3	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4
-81.25°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
-82.5°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
-83.75°	2.0	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7
-85°	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2
-86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
-88.75°	0.4	0.4	0.4	0.4	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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
86.25°	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1
85°	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7
83.75°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.4
82.5°	3.4	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2
81.25°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
80°	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7
78.75°	5.1	5.3	5.4	5.6	5.7	5.8	6.0	6.1	6.3	6.4	6.5
77.5°	5.8	6.0	6.1	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.3
76.25°	6.5	6.7	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.8
75°	7.2	7.3	7.5	7.6	7.7	7.8	7.9	8.0	8.2	8.3	8.4
73.75°	7.6	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.8
72.5°	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2
71.25°	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5
70°	8.8	8.9	9.0	9.1	9.2	9.4	9.5	9.6	9.8	10.0	10.2
68.75°	9.1	9.2	9.3	9.4	9.6	9.8	10.1	10.3	10.5	10.7	10.9
67.5°	9.4	9.5	9.7	10.0	10.2	10.4	10.7	10.9	11.1	11.4	11.8
66.25°	9.8	10.0	10.3	10.6	10.8	11.0	11.4	11.8	12.2	12.6	12.9
65°	10.3	10.6	10.9	11.1	11.5	12.0	12.4	12.9	13.3	13.7	14.1
63.75°	10.8	11.1	11.6	12.1	12.6	13.0	13.5	14.0	14.4	14.9	15.3
62.5°	11.5	12.0	12.5	13.1	13.6	14.1	14.6	15.1	15.5	16.0	16.4
61.25°	12.4	13.0	13.5	14.1	14.6	15.1	15.6	16.1	16.6	17.1	17.7
60°	13.3	13.9	14.5	15.0	15.6	16.2	16.7	17.2	17.9	18.6	19.2
58.75°	14.2	14.8	15.4	16.0	16.6	17.2	17.9	18.6	19.3	20.0	20.7
57.5°	15.1	15.7	16.4	17.0	17.7	18.5	19.3	20.0	20.7	21.4	21.9
56.25°	16.0	16.7	17.3	18.2	19.0	19.8	20.6	21.3	21.9	22.5	23.0
55°	16.9	17.7	18.6	19.4	20.3	21.1	21.8	22.4	23.0	23.6	24.1
53.75°	17.9	18.8	19.8	20.7	21.4	22.1	22.8	23.4	24.1	24.5	24.9
52.5°	19.0	20.0	20.9	21.7	22.4	23.1	23.8	24.3	24.8	25.3	25.7
51.25°	20.1	21.1	21.9	22.6	23.4	24.1	24.6	25.1	25.5	26.0	26.5
50°	21.2	22.0	22.8	23.5	24.2	24.8	25.3	25.8	26.3	26.8	27.3
48.75°	22.0	22.8	23.7	24.3	24.9	25.4	26.0	26.5	27.0	27.6	28.1
47.5°	22.8	23.7	24.4	25.0	25.5	26.1	26.7	27.2	27.8	28.3	28.8
46.25°	23.7	24.4	25.0	25.6	26.2	26.8	27.4	27.9	28.5	29.0	29.6
45°	24.3	25.0	25.6	26.2	26.8	27.5	28.1	28.7	29.2	29.8	30.3
43.75°	24.9	25.5	26.2	26.8	27.5	28.1	28.7	29.3	29.9	30.5	30.8
42.5°	25.4	26.1	26.8	27.5	28.1	28.8	29.4	30.0	30.6	30.9	31.3
41.25°	26.0	26.7	27.4	28.1	28.7	29.4	30.0	30.6	31.0	31.3	31.7
40°	26.5	27.2	27.9	28.7	29.3	30.0	30.6	31.0	31.4	31.8	31.9
38.75°	27.0	27.8	28.5	29.2	29.9	30.6	31.0	31.4	31.8	31.9	32.0
37.5°	27.6	28.3	29.0	29.8	30.5	30.9	31.3	31.8	31.9	32.0	32.2
36.25°	28.1	28.8	29.6	30.3	30.8	31.3	31.7	31.9	32.0	32.2	32.4
35°	28.6	29.3	30.1	30.7	31.2	31.6	31.9	32.0	32.2	32.4	32.7



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	29.0	29.8	30.6	31.0	31.5	31.8	32.0	32.1	32.4	32.7	33.0
32.5°	29.5	30.3	30.9	31.3	31.8	32.0	32.1	32.3	32.6	32.9	33.2
31.25°	29.9	30.6	31.1	31.6	31.9	32.1	32.2	32.5	32.9	33.1	33.3
30°	30.3	30.9	31.4	31.8	32.0	32.1	32.4	32.8	33.1	33.2	33.4
28.75°	30.7	31.2	31.7	31.9	32.1	32.3	32.6	33.0	33.2	33.4	33.5
27.5°	30.9	31.4	31.9	32.0	32.2	32.5	32.9	33.1	33.3	33.5	33.7
26.25°	31.2	31.7	31.9	32.1	32.3	32.7	33.1	33.2	33.4	33.6	34.0
25°	31.4	31.8	32.0	32.2	32.5	32.9	33.2	33.3	33.5	33.9	34.2
23.75°	31.6	31.9	32.1	32.3	32.7	33.1	33.3	33.4	33.7	34.1	34.4
22.5°	31.8	32.0	32.2	32.5	32.9	33.2	33.3	33.5	33.9	34.3	34.6
21.25°	31.9	32.0	32.2	32.6	33.0	33.2	33.4	33.7	34.1	34.5	34.8
20°	31.9	32.1	32.4	32.8	33.1	33.3	33.5	33.9	34.3	34.7	35.0
18.75°	32.0	32.2	32.5	32.9	33.2	33.4	33.6	34.0	34.4	34.8	35.2
17.5°	32.0	32.2	32.7	33.1	33.3	33.4	33.8	34.2	34.6	35.0	35.5
16.25°	32.1	32.4	32.8	33.1	33.3	33.5	33.9	34.3	34.8	35.2	35.8
15°	32.1	32.5	32.9	33.2	33.4	33.6	34.1	34.5	34.9	35.3	36.1
13.75°	32.2	32.6	33.0	33.2	33.4	33.8	34.2	34.6	35.0	35.6	36.4
12.5°	32.2	32.7	33.1	33.3	33.5	33.9	34.3	34.7	35.2	35.8	36.6
11.25°	32.3	32.7	33.1	33.3	33.5	34.0	34.4	34.8	35.3	36.0	36.8
10°	32.4	32.8	33.2	33.4	33.6	34.1	34.5	34.9	35.4	36.2	37.1
8.75°	32.4	32.9	33.2	33.4	33.7	34.1	34.6	35.0	35.6	36.4	37.6
7.5°	32.5	32.9	33.2	33.4	33.8	34.2	34.6	35.1	35.7	36.6	38.0
6.25°	32.5	33.0	33.2	33.4	33.8	34.3	34.7	35.2	35.9	36.7	38.4
5°	32.6	33.0	33.3	33.5	33.9	34.3	34.8	35.2	36.0	36.8	38.6
3.75°	32.6	33.1	33.3	33.5	33.9	34.4	34.8	35.2	36.0	36.9	38.9
2.5°	32.6	33.1	33.3	33.5	33.9	34.4	34.8	35.3	36.1	37.0	39.0
1.25°	32.6	33.1	33.3	33.5	33.9	34.4	34.8	35.3	36.1	37.0	39.1
0°	32.7	33.1	33.3	33.5	34.0	34.4	34.9	35.3	36.2	37.0	39.2
-1.25°	32.6	33.1	33.3	33.5	33.9	34.4	34.8	35.3	36.1	37.0	39.1
-2.5°	32.6	33.1	33.3	33.5	33.9	34.4	34.8	35.3	36.1	37.0	39.0
-3.75°	32.6	33.1	33.3	33.5	33.9	34.4	34.8	35.2	36.0	36.9	38.9
-5°	32.6	33.0	33.3	33.5	33.9	34.3	34.8	35.2	36.0	36.8	38.6
-6.25°	32.5	33.0	33.2	33.4	33.8	34.3	34.7	35.2	35.9	36.7	38.4
-7.5°	32.5	32.9	33.2	33.4	33.8	34.2	34.6	35.1	35.7	36.6	38.0
-8.75°	32.4	32.9	33.2	33.4	33.7	34.1	34.6	35.0	35.6	36.4	37.6
-10°	32.4	32.8	33.2	33.4	33.6	34.1	34.5	34.9	35.4	36.2	37.1
-11.25°	32.3	32.7	33.1	33.3	33.5	34.0	34.4	34.8	35.3	36.0	36.8
-12.5°	32.2	32.7	33.1	33.3	33.5	33.9	34.3	34.7	35.2	35.8	36.6
-13.75°	32.2	32.6	33.0	33.2	33.4	33.8	34.2	34.6	35.0	35.6	36.4
-15°	32.1	32.5	32.9	33.2	33.4	33.6	34.1	34.5	34.9	35.3	36.1
-16.25°	32.1	32.4	32.8	33.1	33.3	33.5	33.9	34.3	34.8	35.2	35.8
-17.5°	32.0	32.2	32.7	33.1	33.3	33.4	33.8	34.2	34.6	35.0	35.5
-18.75°	32.0	32.2	32.5	32.9	33.2	33.4	33.6	34.0	34.4	34.8	35.2
-20°	31.9	32.1	32.4	32.8	33.1	33.3	33.5	33.9	34.3	34.7	35.0
-21.25°	31.9	32.0	32.2	32.6	33.0	33.2	33.4	33.7	34.1	34.5	34.8



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	31.8	32.0	32.2	32.5	32.9	33.2	33.3	33.5	33.9	34.3	34.6
-23.75°	31.6	31.9	32.1	32.3	32.7	33.1	33.3	33.4	33.7	34.1	34.4
-25°	31.4	31.8	32.0	32.2	32.5	32.9	33.2	33.3	33.5	33.9	34.2
-26.25°	31.2	31.7	31.9	32.1	32.3	32.7	33.1	33.2	33.4	33.6	34.0
-27.5°	30.9	31.4	31.9	32.0	32.2	32.5	32.9	33.1	33.3	33.5	33.7
-28.75°	30.7	31.2	31.7	31.9	32.1	32.3	32.6	33.0	33.2	33.4	33.5
-30°	30.3	30.9	31.4	31.8	32.0	32.1	32.4	32.8	33.1	33.2	33.4
-31.25°	29.9	30.6	31.1	31.6	31.9	32.1	32.2	32.5	32.9	33.1	33.3
-32.5°	29.5	30.3	30.9	31.3	31.8	32.0	32.1	32.3	32.6	32.9	33.2
-33.75°	29.0	29.8	30.6	31.0	31.5	31.8	32.0	32.1	32.4	32.7	33.0
-35°	28.6	29.3	30.1	30.7	31.2	31.6	31.9	32.0	32.2	32.4	32.7
-36.25°	28.1	28.8	29.6	30.3	30.8	31.3	31.7	31.9	32.0	32.2	32.4
-37.5°	27.6	28.3	29.0	29.8	30.5	30.9	31.3	31.8	31.9	32.0	32.2
-38.75°	27.0	27.8	28.5	29.2	29.9	30.6	31.0	31.4	31.8	31.9	32.0
-40°	26.5	27.2	27.9	28.7	29.3	30.0	30.6	31.0	31.4	31.8	31.9
-41.25°	26.0	26.7	27.4	28.1	28.7	29.4	30.0	30.6	31.0	31.3	31.7
-42.5°	25.4	26.1	26.8	27.5	28.1	28.8	29.4	30.0	30.6	30.9	31.3
-43.75°	24.9	25.5	26.2	26.8	27.5	28.1	28.7	29.3	29.9	30.5	30.8
-45°	24.3	25.0	25.6	26.2	26.8	27.5	28.1	28.7	29.2	29.8	30.3
-46.25°	23.7	24.4	25.0	25.6	26.2	26.8	27.4	27.9	28.5	29.0	29.6
-47.5°	22.8	23.7	24.4	25.0	25.5	26.1	26.7	27.2	27.8	28.3	28.8
-48.75°	22.0	22.8	23.7	24.3	24.9	25.4	26.0	26.5	27.0	27.6	28.1
-50°	21.2	22.0	22.8	23.5	24.2	24.8	25.3	25.8	26.3	26.8	27.3
-51.25°	20.1	21.1	21.9	22.6	23.4	24.1	24.6	25.1	25.5	26.0	26.5
-52.5°	19.0	20.0	20.9	21.7	22.4	23.1	23.8	24.3	24.8	25.3	25.7
-53.75°	17.9	18.8	19.8	20.7	21.4	22.1	22.8	23.4	24.1	24.5	24.9
-55°	16.9	17.7	18.6	19.4	20.3	21.1	21.8	22.4	23.0	23.6	24.1
-56.25°	16.0	16.7	17.3	18.2	19.0	19.8	20.6	21.3	21.9	22.5	23.0
-57.5°	15.1	15.7	16.4	17.0	17.7	18.5	19.3	20.0	20.7	21.4	21.9
-58.75°	14.2	14.8	15.4	16.0	16.6	17.2	17.9	18.6	19.3	20.0	20.7
-60°	13.3	13.9	14.5	15.0	15.6	16.2	16.7	17.2	17.9	18.6	19.2
-61.25°	12.4	13.0	13.5	14.1	14.6	15.1	15.6	16.1	16.6	17.1	17.7
-62.5°	11.5	12.0	12.5	13.1	13.6	14.1	14.6	15.1	15.5	16.0	16.4
-63.75°	10.8	11.1	11.6	12.1	12.6	13.0	13.5	14.0	14.4	14.9	15.3
-65°	10.3	10.6	10.9	11.1	11.5	12.0	12.4	12.9	13.3	13.7	14.1
-66.25°	9.8	10.0	10.3	10.6	10.8	11.0	11.4	11.8	12.2	12.6	12.9
-67.5°	9.4	9.5	9.7	10.0	10.2	10.4	10.7	10.9	11.1	11.4	11.8
-68.75°	9.1	9.2	9.3	9.4	9.6	9.8	10.1	10.3	10.5	10.7	10.9
-70°	8.8	8.9	9.0	9.1	9.2	9.4	9.5	9.6	9.8	10.0	10.2
-71.25°	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5
-72.5°	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2
-73.75°	7.6	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.8
-75°	7.2	7.3	7.5	7.6	7.7	7.8	7.9	8.0	8.2	8.3	8.4
-76.25°	6.5	6.7	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.8
-77.5°	5.8	6.0	6.1	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.3



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	5.1	5.3	5.4	5.6	5.7	5.8	6.0	6.1	6.3	6.4	6.5
-80°	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7
-81.25°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
-82.5°	3.4	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2
-83.75°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.4
-85°	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7
-86.25°	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1
-87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
86.25°	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4
85°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1
83.75°	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0
82.5°	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8
81.25°	5.0	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7
80°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.7
78.75°	6.6	6.7	6.9	7.0	7.1	7.2	7.3	7.3	7.4	7.4	7.5
77.5°	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	8.0	8.0	8.1
76.25°	7.9	8.0	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7
75°	8.5	8.6	8.6	8.7	8.8	8.8	8.9	8.9	9.0	9.0	9.1
73.75°	8.9	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.5
72.5°	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.1	10.2	10.3
71.25°	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.8	10.9	11.0
70°	10.4	10.5	10.7	10.9	11.0	11.2	11.4	11.6	11.9	12.1	12.3
68.75°	11.0	11.2	11.6	11.9	12.2	12.4	12.7	13.0	13.2	13.4	13.7
67.5°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.8	15.0
66.25°	13.3	13.7	14.0	14.4	14.7	15.0	15.3	15.6	15.9	16.2	16.4
65°	14.5	14.9	15.3	15.6	16.0	16.3	16.6	16.9	17.2	17.6	18.0
63.75°	15.7	16.1	16.5	16.9	17.2	17.7	18.1	18.6	19.0	19.4	19.7
62.5°	16.9	17.3	17.9	18.4	18.9	19.4	19.8	20.3	20.7	21.1	21.4
61.25°	18.3	18.9	19.4	20.0	20.5	21.0	21.4	21.8	22.1	22.4	22.8
60°	19.8	20.4	21.0	21.5	21.9	22.3	22.7	23.1	23.4	23.8	24.1
58.75°	21.3	21.8	22.2	22.7	23.1	23.6	24.0	24.3	24.6	24.8	25.1
57.5°	22.4	22.9	23.4	23.9	24.3	24.6	24.9	25.2	25.5	25.7	26.0
56.25°	23.6	24.1	24.5	24.8	25.2	25.5	25.8	26.1	26.4	26.7	27.0
55°	24.5	24.9	25.3	25.7	26.0	26.4	26.7	27.0	27.4	27.7	28.0
53.75°	25.3	25.7	26.1	26.5	26.9	27.3	27.6	28.0	28.3	28.6	28.9
52.5°	26.1	26.6	27.0	27.4	27.8	28.2	28.6	28.9	29.2	29.5	29.8
51.25°	26.9	27.4	27.8	28.3	28.7	29.1	29.4	29.8	30.1	30.5	30.7
50°	27.8	28.2	28.7	29.1	29.5	29.9	30.3	30.6	30.8	31.0	31.2
48.75°	28.6	29.0	29.5	29.9	30.3	30.7	30.9	31.2	31.4	31.6	31.8
47.5°	29.3	29.8	30.3	30.6	30.9	31.2	31.4	31.7	31.8	31.9	32.0
46.25°	30.1	30.6	30.9	31.1	31.4	31.7	31.9	31.9	32.0	32.1	32.2
45°	30.7	31.0	31.3	31.6	31.8	31.9	32.0	32.1	32.2	32.3	32.5
43.75°	31.2	31.5	31.8	31.9	32.0	32.1	32.2	32.3	32.5	32.7	32.9
42.5°	31.6	31.8	32.0	32.1	32.1	32.3	32.5	32.7	32.9	33.1	33.2
41.25°	31.9	32.0	32.1	32.2	32.4	32.6	32.9	33.1	33.2	33.3	33.3
40°	32.0	32.1	32.3	32.5	32.8	33.0	33.1	33.2	33.3	33.4	33.5
38.75°	32.2	32.4	32.6	32.9	33.1	33.2	33.3	33.4	33.5	33.7	33.9
37.5°	32.4	32.7	32.9	33.1	33.2	33.4	33.5	33.6	33.9	34.1	34.3
36.25°	32.7	33.0	33.2	33.3	33.4	33.5	33.7	34.0	34.2	34.4	34.6
35°	33.0	33.2	33.3	33.4	33.6	33.8	34.1	34.3	34.6	34.8	35.0



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	33.2	33.3	33.4	33.6	33.9	34.1	34.4	34.7	34.9	35.1	35.4
32.5°	33.3	33.4	33.6	33.9	34.2	34.5	34.7	35.0	35.2	35.7	36.1
31.25°	33.4	33.6	33.9	34.2	34.5	34.8	35.1	35.3	35.8	36.3	36.8
30°	33.6	33.9	34.2	34.5	34.8	35.1	35.4	36.0	36.5	37.0	38.1
28.75°	33.8	34.1	34.5	34.8	35.1	35.5	36.0	36.6	37.2	38.5	39.7
27.5°	34.1	34.4	34.7	35.1	35.4	36.0	36.6	37.4	38.7	40.1	41.5
26.25°	34.3	34.7	35.0	35.3	36.0	36.6	37.4	38.8	40.2	42.2	46.0
25°	34.6	34.9	35.2	35.8	36.5	37.2	38.7	40.2	42.4	46.5	50.5
23.75°	34.8	35.1	35.7	36.3	37.0	38.5	40.1	42.2	46.5	50.8	55.0
22.5°	35.0	35.4	36.1	36.8	38.1	39.7	41.5	46.0	50.5	55.0	59.6
21.25°	35.2	35.8	36.5	37.6	39.3	41.0	45.1	49.8	54.4	59.3	64.1
20°	35.5	36.2	36.9	38.6	40.4	43.6	48.6	53.4	58.5	63.5	68.8
18.75°	35.9	36.6	37.9	39.7	41.8	46.9	51.9	57.1	62.4	67.7	74.5
17.5°	36.2	37.0	38.8	40.6	44.7	49.9	55.2	60.7	66.1	72.6	87.7
16.25°	36.6	37.8	39.7	42.1	47.5	52.8	58.4	64.1	70.3	82.6	110.6
15°	36.9	38.6	40.5	44.6	50.1	55.7	61.5	67.3	75.7	97.1	139.1
13.75°	37.4	39.3	41.3	47.0	52.5	58.5	64.4	71.2	86.0	120.6	172.5
12.5°	38.0	40.0	43.4	49.1	54.9	61.0	67.1	76.1	100.4	147.1	207.5
11.25°	38.6	40.7	45.3	51.1	57.2	63.4	70.2	84.5	119.7	174.6	241.4
10°	39.2	41.2	47.0	52.9	59.2	65.5	73.1	93.0	140.0	202.9	273.5
8.75°	39.7	42.6	48.6	54.6	61.0	67.5	78.3	108.0	161.4	229.3	302.4
7.5°	40.1	43.9	49.9	56.1	62.6	69.6	84.1	121.2	180.3	253.0	328.3
6.25°	40.5	45.0	51.1	57.4	64.0	71.5	89.0	133.4	198.9	273.7	350.7
5°	40.8	45.9	52.0	58.5	65.1	73.0	94.8	146.1	214.6	290.9	369.3
3.75°	41.0	46.6	52.7	59.3	66.0	74.5	101.8	156.0	226.9	304.4	382.9
2.5°	41.2	47.1	53.3	59.9	66.6	76.7	106.7	163.2	235.8	314.3	392.6
1.25°	41.3	47.4	53.6	60.3	67.0	78.0	109.7	167.5	241.1	320.2	398.5
0°	41.3	47.5	53.7	60.4	67.1	78.4	110.8	168.9	242.9	322.2	400.5
-1.25°	41.3	47.4	53.6	60.3	67.0	78.0	109.7	167.5	241.1	320.2	398.5
-2.5°	41.2	47.1	53.3	59.9	66.6	76.7	106.7	163.2	235.8	314.3	392.6
-3.75°	41.0	46.6	52.7	59.3	66.0	74.5	101.8	156.0	226.9	304.4	382.9
-5°	40.8	45.9	52.0	58.5	65.1	73.0	94.8	146.1	214.6	290.9	369.3
-6.25°	40.5	45.0	51.1	57.4	64.0	71.5	89.0	133.4	198.9	273.7	350.7
-7.5°	40.1	43.9	49.9	56.1	62.6	69.6	84.1	121.2	180.3	253.0	328.3
-8.75°	39.7	42.6	48.6	54.6	61.0	67.5	78.3	108.0	161.4	229.3	302.4
-10°	39.2	41.2	47.0	52.9	59.2	65.5	73.1	93.0	140.0	202.9	273.5
-11.25°	38.6	40.7	45.3	51.1	57.2	63.4	70.2	84.5	119.7	174.6	241.4
-12.5°	38.0	40.0	43.4	49.1	54.9	61.0	67.1	76.1	100.4	147.1	207.5
-13.75°	37.4	39.3	41.3	47.0	52.5	58.5	64.4	71.2	86.0	120.6	172.5
-15°	36.9	38.6	40.5	44.6	50.1	55.7	61.5	67.3	75.7	97.1	139.1
-16.25°	36.6	37.8	39.7	42.1	47.5	52.8	58.4	64.1	70.3	82.6	110.6
-17.5°	36.2	37.0	38.8	40.6	44.7	49.9	55.2	60.7	66.1	72.6	87.7
-18.75°	35.9	36.6	37.9	39.7	41.8	46.9	51.9	57.1	62.4	67.7	74.5
-20°	35.5	36.2	36.9	38.6	40.4	43.6	48.6	53.4	58.5	63.5	68.8
-21.25°	35.2	35.8	36.5	37.6	39.3	41.0	45.1	49.8	54.4	59.3	64.1





REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	35.0	35.4	36.1	36.8	38.1	39.7	41.5	46.0	50.5	55.0	59.6
-23.75°	34.8	35.1	35.7	36.3	37.0	38.5	40.1	42.2	46.5	50.8	55.0
-25°	34.6	34.9	35.2	35.8	36.5	37.2	38.7	40.2	42.4	46.5	50.5
-26.25°	34.3	34.7	35.0	35.3	36.0	36.6	37.4	38.8	40.2	42.2	46.0
-27.5°	34.1	34.4	34.7	35.1	35.4	36.0	36.6	37.4	38.7	40.1	41.5
-28.75°	33.8	34.1	34.5	34.8	35.1	35.5	36.0	36.6	37.2	38.5	39.7
-30°	33.6	33.9	34.2	34.5	34.8	35.1	35.4	36.0	36.5	37.0	38.1
-31.25°	33.4	33.6	33.9	34.2	34.5	34.8	35.1	35.3	35.8	36.3	36.8
-32.5°	33.3	33.4	33.6	33.9	34.2	34.5	34.7	35.0	35.2	35.7	36.1
-33.75°	33.2	33.3	33.4	33.6	33.9	34.1	34.4	34.7	34.9	35.1	35.4
-35°	33.0	33.2	33.3	33.4	33.6	33.8	34.1	34.3	34.6	34.8	35.0
-36.25°	32.7	33.0	33.2	33.3	33.4	33.5	33.7	34.0	34.2	34.4	34.6
-37.5°	32.4	32.7	32.9	33.1	33.2	33.4	33.5	33.6	33.9	34.1	34.3
-38.75°	32.2	32.4	32.6	32.9	33.1	33.2	33.3	33.4	33.5	33.7	33.9
-40°	32.0	32.1	32.3	32.5	32.8	33.0	33.1	33.2	33.3	33.4	33.5
-41.25°	31.9	32.0	32.1	32.2	32.4	32.6	32.9	33.1	33.2	33.3	33.3
-42.5°	31.6	31.8	32.0	32.1	32.1	32.3	32.5	32.7	32.9	33.1	33.2
-43.75°	31.2	31.5	31.8	31.9	32.0	32.1	32.2	32.3	32.5	32.7	32.9
-45°	30.7	31.0	31.3	31.6	31.8	31.9	32.0	32.1	32.2	32.3	32.5
-46.25°	30.1	30.6	30.9	31.1	31.4	31.7	31.9	31.9	32.0	32.1	32.2
-47.5°	29.3	29.8	30.3	30.6	30.9	31.2	31.4	31.7	31.8	31.9	32.0
-48.75°	28.6	29.0	29.5	29.9	30.3	30.7	30.9	31.2	31.4	31.6	31.8
-50°	27.8	28.2	28.7	29.1	29.5	29.9	30.3	30.6	30.8	31.0	31.2
-51.25°	26.9	27.4	27.8	28.3	28.7	29.1	29.4	29.8	30.1	30.5	30.7
-52.5°	26.1	26.6	27.0	27.4	27.8	28.2	28.6	28.9	29.2	29.5	29.8
-53.75°	25.3	25.7	26.1	26.5	26.9	27.3	27.6	28.0	28.3	28.6	28.9
-55°	24.5	24.9	25.3	25.7	26.0	26.4	26.7	27.0	27.4	27.7	28.0
-56.25°	23.6	24.1	24.5	24.8	25.2	25.5	25.8	26.1	26.4	26.7	27.0
-57.5°	22.4	22.9	23.4	23.9	24.3	24.6	24.9	25.2	25.5	25.7	26.0
-58.75°	21.3	21.8	22.2	22.7	23.1	23.6	24.0	24.3	24.6	24.8	25.1
-60°	19.8	20.4	21.0	21.5	21.9	22.3	22.7	23.1	23.4	23.8	24.1
-61.25°	18.3	18.9	19.4	20.0	20.5	21.0	21.4	21.8	22.1	22.4	22.8
-62.5°	16.9	17.3	17.9	18.4	18.9	19.4	19.8	20.3	20.7	21.1	21.4
-63.75°	15.7	16.1	16.5	16.9	17.2	17.7	18.1	18.6	19.0	19.4	19.7
-65°	14.5	14.9	15.3	15.6	16.0	16.3	16.6	16.9	17.2	17.6	18.0
-66.25°	13.3	13.7	14.0	14.4	14.7	15.0	15.3	15.6	15.9	16.2	16.4
-67.5°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.8	15.0
-68.75°	11.0	11.2	11.6	11.9	12.2	12.4	12.7	13.0	13.2	13.4	13.7
-70°	10.4	10.5	10.7	10.9	11.0	11.2	11.4	11.6	11.9	12.1	12.3
-71.25°	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.8	10.9	11.0
-72.5°	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.1	10.2	10.3
-73.75°	8.9	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.5
-75°	8.5	8.6	8.6	8.7	8.8	8.8	8.9	8.9	9.0	9.0	9.1
-76.25°	7.9	8.0	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7
-77.5°	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	8.0	8.0	8.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	6.6	6.7	6.9	7.0	7.1	7.2	7.3	7.3	7.4	7.4	7.5
-80°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.7
-81.25°	5.0	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7
-82.5°	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8
-83.75°	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0
-85°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1
-86.25°	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4
-87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
86.25°	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5
85°	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4
83.75°	4.0	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2
82.5°	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1
81.25°	5.7	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.2
80°	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2
78.75°	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.8	7.9	7.9
77.5°	8.2	8.2	8.2	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5
76.25°	8.7	8.7	8.8	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0
75°	9.1	9.2	9.2	9.2	9.3	9.3	9.3	9.4	9.4	9.4	9.4
73.75°	9.6	9.7	9.7	9.8	9.9	10.0	10.0	10.1	10.1	10.2	10.2
72.5°	10.4	10.5	10.5	10.6	10.7	10.8	10.8	10.9	11.0	11.0	11.1
71.25°	11.2	11.3	11.5	11.6	11.8	11.9	12.0	12.1	12.3	12.3	12.4
70°	12.5	12.7	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.8	13.9
68.75°	13.9	14.1	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.3	15.4
67.5°	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5	16.7	16.8	16.9
66.25°	16.7	16.9	17.1	17.3	17.6	17.8	18.0	18.2	18.4	18.6	18.7
65°	18.3	18.6	18.9	19.2	19.4	19.7	19.9	20.1	20.3	20.5	20.6
63.75°	20.1	20.4	20.7	21.0	21.3	21.4	21.6	21.8	22.0	22.1	22.2
62.5°	21.7	22.0	22.2	22.5	22.7	22.9	23.1	23.3	23.4	23.6	23.7
61.25°	23.1	23.3	23.6	23.9	24.1	24.3	24.4	24.5	24.6	24.7	24.8
60°	24.3	24.5	24.7	24.9	25.1	25.3	25.4	25.5	25.7	25.8	25.9
58.75°	25.3	25.5	25.7	25.9	26.1	26.3	26.4	26.6	26.7	26.8	26.9
57.5°	26.2	26.5	26.7	26.9	27.1	27.3	27.5	27.6	27.8	27.9	28.0
56.25°	27.2	27.5	27.7	28.0	28.2	28.4	28.5	28.7	28.8	29.0	29.1
55°	28.2	28.5	28.7	29.0	29.2	29.4	29.5	29.7	29.9	30.0	30.1
53.75°	29.2	29.5	29.7	29.9	30.2	30.4	30.5	30.6	30.7	30.8	30.9
52.5°	30.1	30.4	30.6	30.8	30.9	31.0	31.2	31.3	31.4	31.5	31.5
51.25°	30.9	31.0	31.2	31.4	31.5	31.6	31.8	31.8	31.9	31.9	31.9
50°	31.4	31.6	31.8	31.8	31.9	31.9	32.0	32.0	32.1	32.1	32.1
48.75°	31.9	31.9	32.0	32.0	32.1	32.1	32.2	32.2	32.3	32.4	32.4
47.5°	32.0	32.1	32.2	32.2	32.4	32.5	32.6	32.7	32.7	32.8	32.9
46.25°	32.2	32.4	32.5	32.7	32.8	32.9	33.0	33.1	33.1	33.2	33.2
45°	32.6	32.8	32.9	33.1	33.1	33.2	33.2	33.3	33.3	33.4	33.4
43.75°	33.0	33.1	33.2	33.3	33.3	33.4	33.4	33.5	33.5	33.6	33.7
42.5°	33.2	33.3	33.4	33.4	33.5	33.6	33.8	33.9	34.0	34.1	34.1
41.25°	33.4	33.5	33.6	33.8	33.9	34.1	34.2	34.3	34.4	34.5	34.6
40°	33.7	33.9	34.0	34.2	34.3	34.5	34.6	34.7	34.8	34.9	35.0
38.75°	34.1	34.3	34.4	34.6	34.8	34.9	35.0	35.2	35.3	35.4	35.6
37.5°	34.5	34.7	34.8	35.0	35.2	35.3	35.6	35.8	36.0	36.2	36.4
36.25°	34.8	35.0	35.2	35.5	35.8	36.1	36.4	36.6	36.8	37.1	37.6
35°	35.2	35.5	35.9	36.2	36.6	36.9	37.4	38.0	38.6	39.2	39.7



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	35.8	36.2	36.6	37.0	37.8	38.6	39.3	40.0	40.7	41.2	42.6
32.5°	36.5	36.9	37.9	38.8	39.7	40.5	41.3	43.4	45.3	47.0	48.6
31.25°	37.6	38.6	39.7	40.6	42.1	44.6	47.0	49.1	51.1	52.9	54.6
30°	39.3	40.4	41.8	44.7	47.5	50.1	52.5	54.9	57.2	59.2	61.0
28.75°	41.0	43.6	46.9	49.9	52.8	55.7	58.5	61.0	63.4	65.5	67.5
27.5°	45.1	48.6	51.9	55.2	58.4	61.5	64.4	67.1	70.2	73.1	78.3
26.25°	49.8	53.4	57.1	60.7	64.1	67.3	71.2	76.1	84.5	93.0	108.0
25°	54.4	58.5	62.4	66.1	70.3	75.7	86.0	100.4	119.7	140.0	161.4
23.75°	59.3	63.5	67.7	72.6	82.6	97.1	120.6	147.1	174.6	202.9	229.3
22.5°	64.1	68.8	74.5	87.7	110.6	139.1	172.5	207.5	241.4	273.5	302.4
21.25°	69.2	76.5	90.7	119.6	154.8	193.6	234.6	274.1	311.1	345.7	376.4
20°	76.5	91.9	124.2	164.4	208.9	254.6	299.1	341.7	380.6	414.3	443.0
18.75°	90.7	124.2	167.6	216.6	267.0	316.3	363.9	405.9	442.8	473.8	499.5
17.5°	119.6	164.4	216.6	271.1	325.0	376.9	423.1	462.0	495.7	524.5	554.9
16.25°	154.8	208.9	267.0	325.0	381.1	431.6	473.8	509.8	545.5	581.7	625.8
15°	193.6	254.6	316.3	376.9	431.6	477.7	517.0	558.7	606.0	658.2	718.8
13.75°	234.6	299.1	363.9	423.1	473.8	517.0	563.2	618.4	683.1	754.5	833.6
12.5°	274.1	341.7	405.9	462.0	509.8	558.7	618.4	691.5	776.0	868.4	972.4
11.25°	311.1	380.6	442.8	495.7	545.5	606.0	683.1	776.0	882.4	1001.8	1124.5
10°	345.7	414.3	473.8	524.5	581.7	658.2	754.5	868.4	1001.8	1141.8	1284.0
8.75°	376.4	443.0	499.5	554.9	625.8	718.8	833.6	972.4	1124.5	1284.0	1441.8
7.5°	401.9	466.5	521.4	582.7	668.4	778.8	914.8	1073.5	1244.1	1419.5	1596.1
6.25°	423.9	486.2	542.7	614.9	712.7	837.1	992.0	1166.2	1354.1	1545.4	1741.0
5°	440.6	501.1	561.5	641.8	750.3	891.6	1062.9	1251.8	1450.9	1659.4	1869.0
3.75°	453.1	512.8	576.3	665.5	786.4	939.7	1120.6	1320.7	1531.2	1753.5	1973.1
2.5°	462.1	521.2	588.7	685.4	812.7	974.7	1163.2	1372.8	1593.2	1823.8	2051.2
1.25°	467.6	526.3	597.4	697.5	828.6	996.0	1191.2	1404.7	1631.3	1867.3	2099.6
0°	469.4	528.0	600.4	701.5	833.9	1003.1	1200.7	1415.5	1644.1	1882.0	2115.9
-1.25°	467.6	526.3	597.4	697.5	828.6	996.0	1191.2	1404.7	1631.3	1867.3	2099.6
-2.5°	462.1	521.2	588.7	685.4	812.7	974.7	1163.2	1372.8	1593.2	1823.8	2051.2
-3.75°	453.1	512.8	576.3	665.5	786.4	939.7	1120.6	1320.7	1531.2	1753.5	1973.1
-5°	440.6	501.1	561.5	641.8	750.3	891.6	1062.9	1251.8	1450.9	1659.4	1869.0
-6.25°	423.9	486.2	542.7	614.9	712.7	837.1	992.0	1166.2	1354.1	1545.4	1741.0
-7.5°	401.9	466.5	521.4	582.7	668.4	778.8	914.8	1073.5	1244.1	1419.5	1596.1
-8.75°	376.4	443.0	499.5	554.9	625.8	718.8	833.6	972.4	1124.5	1284.0	1441.8
-10°	345.7	414.3	473.8	524.5	581.7	658.2	754.5	868.4	1001.8	1141.8	1284.0
-11.25°	311.1	380.6	442.8	495.7	545.5	606.0	683.1	776.0	882.4	1001.8	1124.5
-12.5°	274.1	341.7	405.9	462.0	509.8	558.7	618.4	691.5	776.0	868.4	972.4
-13.75°	234.6	299.1	363.9	423.1	473.8	517.0	563.2	618.4	683.1	754.5	833.6
-15°	193.6	254.6	316.3	376.9	431.6	477.7	517.0	558.7	606.0	658.2	718.8
-16.25°	154.8	208.9	267.0	325.0	381.1	431.6	473.8	509.8	545.5	581.7	625.8
-17.5°	119.6	164.4	216.6	271.1	325.0	376.9	423.1	462.0	495.7	524.5	554.9
-18.75°	90.7	124.2	167.6	216.6	267.0	316.3	363.9	405.9	442.8	473.8	499.5
-20°	76.5	91.9	124.2	164.4	208.9	254.6	299.1	341.7	380.6	414.3	443.0
-21.25°	69.2	76.5	90.7	119.6	154.8	193.6	234.6	274.1	311.1	345.7	376.4



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	64.1	68.8	74.5	87.7	110.6	139.1	172.5	207.5	241.4	273.5	302.4
-23.75°	59.3	63.5	67.7	72.6	82.6	97.1	120.6	147.1	174.6	202.9	229.3
-25°	54.4	58.5	62.4	66.1	70.3	75.7	86.0	100.4	119.7	140.0	161.4
-26.25°	49.8	53.4	57.1	60.7	64.1	67.3	71.2	76.1	84.5	93.0	108.0
-27.5°	45.1	48.6	51.9	55.2	58.4	61.5	64.4	67.1	70.2	73.1	78.3
-28.75°	41.0	43.6	46.9	49.9	52.8	55.7	58.5	61.0	63.4	65.5	67.5
-30°	39.3	40.4	41.8	44.7	47.5	50.1	52.5	54.9	57.2	59.2	61.0
-31.25°	37.6	38.6	39.7	40.6	42.1	44.6	47.0	49.1	51.1	52.9	54.6
-32.5°	36.5	36.9	37.9	38.8	39.7	40.5	41.3	43.4	45.3	47.0	48.6
-33.75°	35.8	36.2	36.6	37.0	37.8	38.6	39.3	40.0	40.7	41.2	42.6
-35°	35.2	35.5	35.9	36.2	36.6	36.9	37.4	38.0	38.6	39.2	39.7
-36.25°	34.8	35.0	35.2	35.5	35.8	36.1	36.4	36.6	36.8	37.1	37.6
-37.5°	34.5	34.7	34.8	35.0	35.2	35.3	35.6	35.8	36.0	36.2	36.4
-38.75°	34.1	34.3	34.4	34.6	34.8	34.9	35.0	35.2	35.3	35.4	35.6
-40°	33.7	33.9	34.0	34.2	34.3	34.5	34.6	34.7	34.8	34.9	35.0
-41.25°	33.4	33.5	33.6	33.8	33.9	34.1	34.2	34.3	34.4	34.5	34.6
-42.5°	33.2	33.3	33.4	33.4	33.5	33.6	33.8	33.9	34.0	34.1	34.1
-43.75°	33.0	33.1	33.2	33.3	33.3	33.4	33.4	33.5	33.5	33.6	33.7
-45°	32.6	32.8	32.9	33.1	33.1	33.2	33.2	33.3	33.3	33.4	33.4
-46.25°	32.2	32.4	32.5	32.7	32.8	32.9	33.0	33.1	33.1	33.2	33.2
-47.5°	32.0	32.1	32.2	32.2	32.4	32.5	32.6	32.7	32.7	32.8	32.9
-48.75°	31.9	31.9	32.0	32.0	32.1	32.1	32.2	32.2	32.3	32.4	32.4
-50°	31.4	31.6	31.8	31.8	31.9	31.9	32.0	32.0	32.1	32.1	32.1
-51.25°	30.9	31.0	31.2	31.4	31.5	31.6	31.8	31.8	31.9	31.9	31.9
-52.5°	30.1	30.4	30.6	30.8	30.9	31.0	31.2	31.3	31.4	31.5	31.5
-53.75°	29.2	29.5	29.7	29.9	30.2	30.4	30.5	30.6	30.7	30.8	30.9
-55°	28.2	28.5	28.7	29.0	29.2	29.4	29.5	29.7	29.9	30.0	30.1
-56.25°	27.2	27.5	27.7	28.0	28.2	28.4	28.5	28.7	28.8	29.0	29.1
-57.5°	26.2	26.5	26.7	26.9	27.1	27.3	27.5	27.6	27.8	27.9	28.0
-58.75°	25.3	25.5	25.7	25.9	26.1	26.3	26.4	26.6	26.7	26.8	26.9
-60°	24.3	24.5	24.7	24.9	25.1	25.3	25.4	25.5	25.7	25.8	25.9
-61.25°	23.1	23.3	23.6	23.9	24.1	24.3	24.4	24.5	24.6	24.7	24.8
-62.5°	21.7	22.0	22.2	22.5	22.7	22.9	23.1	23.3	23.4	23.6	23.7
-63.75°	20.1	20.4	20.7	21.0	21.3	21.4	21.6	21.8	22.0	22.1	22.2
-65°	18.3	18.6	18.9	19.2	19.4	19.7	19.9	20.1	20.3	20.5	20.6
-66.25°	16.7	16.9	17.1	17.3	17.6	17.8	18.0	18.2	18.4	18.6	18.7
-67.5°	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5	16.7	16.8	16.9
-68.75°	13.9	14.1	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.3	15.4
-70°	12.5	12.7	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.8	13.9
-71.25°	11.2	11.3	11.5	11.6	11.8	11.9	12.0	12.1	12.3	12.3	12.4
-72.5°	10.4	10.5	10.5	10.6	10.7	10.8	10.8	10.9	11.0	11.0	11.1
-73.75°	9.6	9.7	9.7	9.8	9.9	10.0	10.0	10.1	10.1	10.2	10.2
-75°	9.1	9.2	9.2	9.2	9.3	9.3	9.3	9.4	9.4	9.4	9.4
-76.25°	8.7	8.7	8.8	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0
-77.5°	8.2	8.2	8.2	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.8	7.9	7.9
-80°	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2
-81.25°	5.7	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.2
-82.5°	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1
-83.75°	4.0	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2
-85°	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4
-86.25°	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
86.25°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5
85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
83.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
82.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
81.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
80°	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
78.75°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
77.5°	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.0	9.0	9.0	9.0
75°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
73.75°	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
72.5°	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
71.25°	12.5	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.6
70°	14.0	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.1	14.1
68.75°	15.5	15.5	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.6	15.6
67.5°	17.0	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.1	17.1
66.25°	18.8	18.9	19.0	19.1	19.1	19.1	19.2	19.1	19.1	19.1	19.0
65°	20.7	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.0	20.9
63.75°	22.3	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.5	22.5
62.5°	23.8	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.0	24.0
61.25°	24.9	25.0	25.0	25.1	25.1	25.1	25.2	25.1	25.1	25.1	25.0
60°	26.0	26.0	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.1	26.1
58.75°	27.0	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.2	27.2
57.5°	28.1	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.3	28.3
56.25°	29.2	29.3	29.3	29.4	29.4	29.4	29.5	29.4	29.4	29.4	29.3
55°	30.2	30.3	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.4	30.4
53.75°	31.0	31.0	31.1	31.1	31.1	31.1	31.2	31.1	31.1	31.1	31.1
52.5°	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.7
51.25°	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
50°	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
48.75°	32.5	32.5	32.6	32.6	32.6	32.6	32.7	32.6	32.6	32.6	32.6
47.5°	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.0
46.25°	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
45°	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
43.75°	33.8	33.8	33.9	33.9	33.9	33.9	34.0	33.9	33.9	33.9	33.9
42.5°	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.3
41.25°	34.6	34.7	34.8	34.8	34.8	34.8	34.9	34.8	34.8	34.8	34.8
40°	35.1	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.2	35.2
38.75°	35.7	35.9	36.0	36.0	36.1	36.1	36.2	36.1	36.1	36.0	36.0
37.5°	36.6	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.0	36.9	36.8
36.25°	38.0	38.4	38.6	38.9	39.0	39.1	39.2	39.1	39.0	38.9	38.6
35°	40.1	40.5	40.8	41.0	41.2	41.3	41.3	41.3	41.2	41.0	40.8

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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	43.9	45.0	45.9	46.6	47.1	47.4	47.5	47.4	47.1	46.6	45.9
32.5°	49.9	51.1	52.0	52.7	53.3	53.6	53.7	53.6	53.3	52.7	52.0
31.25°	56.1	57.4	58.5	59.3	59.9	60.3	60.4	60.3	59.9	59.3	58.5
30°	62.6	64.0	65.1	66.0	66.6	67.0	67.1	67.0	66.6	66.0	65.1
28.75°	69.6	71.5	73.0	74.5	76.7	78.0	78.4	78.0	76.7	74.5	73.0
27.5°	84.1	89.0	94.8	101.8	106.7	109.7	110.8	109.7	106.7	101.8	94.8
26.25°	121.2	133.4	146.1	156.0	163.2	167.5	168.9	167.5	163.2	156.0	146.1
25°	180.3	198.9	214.6	226.9	235.8	241.1	242.9	241.1	235.8	226.9	214.6
23.75°	253.0	273.7	290.9	304.4	314.3	320.2	322.2	320.2	314.3	304.4	290.9
22.5°	328.3	350.7	369.3	382.9	392.6	398.5	400.5	398.5	392.6	382.9	369.3
21.25°	401.9	423.9	440.6	453.1	462.1	467.6	469.4	467.6	462.1	453.1	440.6
20°	466.5	486.2	501.1	512.8	521.2	526.3	528.0	526.3	521.2	512.8	501.1
18.75°	521.4	542.7	561.5	576.3	588.7	597.4	600.4	597.4	588.7	576.3	561.5
17.5°	582.7	614.9	641.8	665.5	685.4	697.5	701.5	697.5	685.4	665.5	641.8
16.25°	668.4	712.7	750.3	786.4	812.7	828.6	833.9	828.6	812.7	786.4	750.3
15°	778.8	837.1	891.6	939.7	974.7	996.0	1003.1	996.0	974.7	939.7	891.6
13.75°	914.8	992.0	1062.9	1120.6	1163.2	1191.2	1200.7	1191.2	1163.2	1120.6	1062.9
12.5°	1073.5	1166.2	1251.8	1320.7	1372.8	1404.7	1415.5	1404.7	1372.8	1320.7	1251.8
11.25°	1244.1	1354.1	1450.9	1531.2	1593.2	1631.3	1644.1	1631.3	1593.2	1531.2	1450.9
10°	1419.5	1545.4	1659.4	1753.5	1823.8	1867.3	1882.0	1867.3	1823.8	1753.5	1659.4
8.75°	1596.1	1741.0	1869.0	1973.1	2051.2	2099.6	2115.9	2099.6	2051.2	1973.1	1869.0
7.5°	1769.1	1928.6	2068.4	2184.5	2271.6	2322.8	2340.4	2322.8	2271.6	2184.5	2068.4
6.25°	1928.6	2101.1	2255.6	2377.0	2464.5	2516.0	2533.8	2516.0	2464.5	2377.0	2255.6
5°	2068.4	2255.6	2414.2	2534.2	2623.5	2680.2	2700.2	2680.2	2623.5	2534.2	2414.2
3.75°	2184.5	2377.0	2534.2	2660.9	2751.6	2808.7	2827.3	2808.7	2751.6	2660.9	2534.2
2.5°	2271.6	2464.5	2623.5	2751.6	2847.1	2908.4	2925.8	2908.4	2847.1	2751.6	2623.5
1.25°	2322.8	2516.0	2680.2	2808.7	2908.4	2965.7	2989.0	2965.7	2908.4	2808.7	2680.2
0°	2340.4	2533.8	2700.2	2827.3	2925.8	2989.0	3033.9	2989.0	2925.8	2827.3	2700.2
-1.25°	2322.8	2516.0	2680.2	2808.7	2908.4	2965.7	2989.0	2965.7	2908.4	2808.7	2680.2
-2.5°	2271.6	2464.5	2623.5	2751.6	2847.1	2908.4	2925.8	2908.4	2847.1	2751.6	2623.5
-3.75°	2184.5	2377.0	2534.2	2660.9	2751.6	2808.7	2827.3	2808.7	2751.6	2660.9	2534.2
-5°	2068.4	2255.6	2414.2	2534.2	2623.5	2680.2	2700.2	2680.2	2623.5	2534.2	2414.2
-6.25°	1928.6	2101.1	2255.6	2377.0	2464.5	2516.0	2533.8	2516.0	2464.5	2377.0	2255.6
-7.5°	1769.1	1928.6	2068.4	2184.5	2271.6	2322.8	2340.4	2322.8	2271.6	2184.5	2068.4
-8.75°	1596.1	1741.0	1869.0	1973.1	2051.2	2099.6	2115.9	2099.6	2051.2	1973.1	1869.0
-10°	1419.5	1545.4	1659.4	1753.5	1823.8	1867.3	1882.0	1867.3	1823.8	1753.5	1659.4
-11.25°	1244.1	1354.1	1450.9	1531.2	1593.2	1631.3	1644.1	1631.3	1593.2	1531.2	1450.9
-12.5°	1073.5	1166.2	1251.8	1320.7	1372.8	1404.7	1415.5	1404.7	1372.8	1320.7	1251.8
-13.75°	914.8	992.0	1062.9	1120.6	1163.2	1191.2	1200.7	1191.2	1163.2	1120.6	1062.9
-15°	778.8	837.1	891.6	939.7	974.7	996.0	1003.1	996.0	974.7	939.7	891.6
-16.25°	668.4	712.7	750.3	786.4	812.7	828.6	833.9	828.6	812.7	786.4	750.3
-17.5°	582.7	614.9	641.8	665.5	685.4	697.5	701.5	697.5	685.4	665.5	641.8
-18.75°	521.4	542.7	561.5	576.3	588.7	597.4	600.4	597.4	588.7	576.3	561.5
-20°	466.5	486.2	501.1	512.8	521.2	526.3	528.0	526.3	521.2	512.8	501.1
-21.25°	401.9	423.9	440.6	453.1	462.1	467.6	469.4	467.6	462.1	453.1	440.6





REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	328.3	350.7	369.3	382.9	392.6	398.5	400.5	398.5	392.6	382.9	369.3
-23.75°	253.0	273.7	290.9	304.4	314.3	320.2	322.2	320.2	314.3	304.4	290.9
-25°	180.3	198.9	214.6	226.9	235.8	241.1	242.9	241.1	235.8	226.9	214.6
-26.25°	121.2	133.4	146.1	156.0	163.2	167.5	168.9	167.5	163.2	156.0	146.1
-27.5°	84.1	89.0	94.8	101.8	106.7	109.7	110.8	109.7	106.7	101.8	94.8
-28.75°	69.6	71.5	73.0	74.5	76.7	78.0	78.4	78.0	76.7	74.5	73.0
-30°	62.6	64.0	65.1	66.0	66.6	67.0	67.1	67.0	66.6	66.0	65.1
-31.25°	56.1	57.4	58.5	59.3	59.9	60.3	60.4	60.3	59.9	59.3	58.5
-32.5°	49.9	51.1	52.0	52.7	53.3	53.6	53.7	53.6	53.3	52.7	52.0
-33.75°	43.9	45.0	45.9	46.6	47.1	47.4	47.5	47.4	47.1	46.6	45.9
-35°	40.1	40.5	40.8	41.0	41.2	41.3	41.3	41.3	41.2	41.0	40.8
-36.25°	38.0	38.4	38.6	38.9	39.0	39.1	39.2	39.1	39.0	38.9	38.6
-37.5°	36.6	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.0	36.9	36.8
-38.75°	35.7	35.9	36.0	36.0	36.1	36.1	36.2	36.1	36.1	36.0	36.0
-40°	35.1	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.2	35.2
-41.25°	34.6	34.7	34.8	34.8	34.8	34.8	34.9	34.8	34.8	34.8	34.8
-42.5°	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.3
-43.75°	33.8	33.8	33.9	33.9	33.9	33.9	34.0	33.9	33.9	33.9	33.9
-45°	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
-46.25°	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
-47.5°	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.0
-48.75°	32.5	32.5	32.6	32.6	32.6	32.6	32.7	32.6	32.6	32.6	32.6
-50°	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
-51.25°	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
-52.5°	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.7
-53.75°	31.0	31.0	31.1	31.1	31.1	31.1	31.2	31.1	31.1	31.1	31.1
-55°	30.2	30.3	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.4	30.4
-56.25°	29.2	29.3	29.3	29.4	29.4	29.4	29.5	29.4	29.4	29.4	29.3
-57.5°	28.1	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.3	28.3
-58.75°	27.0	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.2	27.2
-60°	26.0	26.0	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.1	26.1
-61.25°	24.9	25.0	25.0	25.1	25.1	25.1	25.2	25.1	25.1	25.1	25.0
-62.5°	23.8	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.0	24.0
-63.75°	22.3	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.5	22.5
-65°	20.7	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.0	20.9
-66.25°	18.8	18.9	19.0	19.1	19.1	19.1	19.2	19.1	19.1	19.1	19.0
-67.5°	17.0	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.1	17.1
-68.75°	15.5	15.5	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.6	15.6
-70°	14.0	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.1	14.1
-71.25°	12.5	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.6
-72.5°	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
-73.75°	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
-75°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
-76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.0	9.0	9.0	9.0
-77.5°	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



REPORT NUMBER: P220458 (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°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
-80°	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
-81.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
-82.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
-83.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-86.25°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
86.25°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2
83.75°	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1
82.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.9
81.25°	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9
80°	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.8
78.75°	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6
77.5°	8.6	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.2
76.25°	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8
75°	9.5	9.5	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.2
73.75°	10.3	10.3	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8	9.7
72.5°	11.1	11.1	11.1	11.0	11.0	10.9	10.8	10.8	10.7	10.6	10.5
71.25°	12.6	12.5	12.4	12.3	12.3	12.1	12.0	11.9	11.8	11.6	11.5
70°	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.3	13.2	13.0	12.9
68.75°	15.5	15.5	15.4	15.3	15.2	15.1	14.9	14.8	14.6	14.5	14.3
67.5°	17.0	17.0	16.9	16.8	16.7	16.5	16.4	16.2	16.1	15.9	15.7
66.25°	18.9	18.8	18.7	18.6	18.4	18.2	18.0	17.8	17.6	17.3	17.1
65°	20.9	20.7	20.6	20.5	20.3	20.1	19.9	19.7	19.4	19.2	18.9
63.75°	22.4	22.3	22.2	22.1	22.0	21.8	21.6	21.4	21.3	21.0	20.7
62.5°	23.9	23.8	23.7	23.6	23.4	23.3	23.1	22.9	22.7	22.5	22.2
61.25°	25.0	24.9	24.8	24.7	24.6	24.5	24.4	24.3	24.1	23.9	23.6
60°	26.0	26.0	25.9	25.8	25.7	25.5	25.4	25.3	25.1	24.9	24.7
58.75°	27.1	27.0	26.9	26.8	26.7	26.6	26.4	26.3	26.1	25.9	25.7
57.5°	28.2	28.1	28.0	27.9	27.8	27.6	27.5	27.3	27.1	26.9	26.7
56.25°	29.3	29.2	29.1	29.0	28.8	28.7	28.5	28.4	28.2	28.0	27.7
55°	30.3	30.2	30.1	30.0	29.9	29.7	29.5	29.4	29.2	29.0	28.7
53.75°	31.0	31.0	30.9	30.8	30.7	30.6	30.5	30.4	30.2	29.9	29.7
52.5°	31.7	31.6	31.5	31.5	31.4	31.3	31.2	31.0	30.9	30.8	30.6
51.25°	32.0	31.9	31.9	31.9	31.9	31.8	31.8	31.6	31.5	31.4	31.2
50°	32.2	32.1	32.1	32.1	32.1	32.0	32.0	31.9	31.9	31.8	31.8
48.75°	32.5	32.5	32.4	32.4	32.3	32.2	32.2	32.1	32.1	32.0	32.0
47.5°	33.0	32.9	32.9	32.8	32.7	32.7	32.6	32.5	32.4	32.2	32.2
46.25°	33.2	33.2	33.2	33.2	33.1	33.1	33.0	32.9	32.8	32.7	32.5
45°	33.4	33.4	33.4	33.4	33.3	33.3	33.2	33.2	33.1	33.1	32.9
43.75°	33.8	33.8	33.7	33.6	33.5	33.5	33.4	33.4	33.3	33.3	33.2
42.5°	34.3	34.2	34.1	34.1	34.0	33.9	33.8	33.6	33.5	33.4	33.4
41.25°	34.7	34.6	34.6	34.5	34.4	34.3	34.2	34.1	33.9	33.8	33.6
40°	35.2	35.1	35.0	34.9	34.8	34.7	34.6	34.5	34.3	34.2	34.0
38.75°	35.9	35.7	35.6	35.4	35.3	35.2	35.0	34.9	34.8	34.6	34.4
37.5°	36.7	36.6	36.4	36.2	36.0	35.8	35.6	35.3	35.2	35.0	34.8
36.25°	38.4	38.0	37.6	37.1	36.8	36.6	36.4	36.1	35.8	35.5	35.2
35°	40.5	40.1	39.7	39.2	38.6	38.0	37.4	36.9	36.6	36.2	35.9



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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°	45.0	43.9	42.6	41.2	40.7	40.0	39.3	38.6	37.8	37.0	36.6
32.5°	51.1	49.9	48.6	47.0	45.3	43.4	41.3	40.5	39.7	38.8	37.9
31.25°	57.4	56.1	54.6	52.9	51.1	49.1	47.0	44.6	42.1	40.6	39.7
30°	64.0	62.6	61.0	59.2	57.2	54.9	52.5	50.1	47.5	44.7	41.8
28.75°	71.5	69.6	67.5	65.5	63.4	61.0	58.5	55.7	52.8	49.9	46.9
27.5°	89.0	84.1	78.3	73.1	70.2	67.1	64.4	61.5	58.4	55.2	51.9
26.25°	133.4	121.2	108.0	93.0	84.5	76.1	71.2	67.3	64.1	60.7	57.1
25°	198.9	180.3	161.4	140.0	119.7	100.4	86.0	75.7	70.3	66.1	62.4
23.75°	273.7	253.0	229.3	202.9	174.6	147.1	120.6	97.1	82.6	72.6	67.7
22.5°	350.7	328.3	302.4	273.5	241.4	207.5	172.5	139.1	110.6	87.7	74.5
21.25°	423.9	401.9	376.4	345.7	311.1	274.1	234.6	193.6	154.8	119.6	90.7
20°	486.2	466.5	443.0	414.3	380.6	341.7	299.1	254.6	208.9	164.4	124.2
18.75°	542.7	521.4	499.5	473.8	442.8	405.9	363.9	316.3	267.0	216.6	167.6
17.5°	614.9	582.7	554.9	524.5	495.7	462.0	423.1	376.9	325.0	271.1	216.6
16.25°	712.7	668.4	625.8	581.7	545.5	509.8	473.8	431.6	381.1	325.0	267.0
15°	837.1	778.8	718.8	658.2	606.0	558.7	517.0	477.7	431.6	376.9	316.3
13.75°	992.0	914.8	833.6	754.5	683.1	618.4	563.2	517.0	473.8	423.1	363.9
12.5°	1166.2	1073.5	972.4	868.4	776.0	691.5	618.4	558.7	509.8	462.0	405.9
11.25°	1354.1	1244.1	1124.5	1001.8	882.4	776.0	683.1	606.0	545.5	495.7	442.8
10°	1545.4	1419.5	1284.0	1141.8	1001.8	868.4	754.5	658.2	581.7	524.5	473.8
8.75°	1741.0	1596.1	1441.8	1284.0	1124.5	972.4	833.6	718.8	625.8	554.9	499.5
7.5°	1928.6	1769.1	1596.1	1419.5	1244.1	1073.5	914.8	778.8	668.4	582.7	521.4
6.25°	2101.1	1928.6	1741.0	1545.4	1354.1	1166.2	992.0	837.1	712.7	614.9	542.7
5°	2255.6	2068.4	1869.0	1659.4	1450.9	1251.8	1062.9	891.6	750.3	641.8	561.5
3.75°	2377.0	2184.5	1973.1	1753.5	1531.2	1320.7	1120.6	939.7	786.4	665.5	576.3
2.5°	2464.5	2271.6	2051.2	1823.8	1593.2	1372.8	1163.2	974.7	812.7	685.4	588.7
1.25°	2516.0	2322.8	2099.6	1867.3	1631.3	1404.7	1191.2	996.0	828.6	697.5	597.4
0°	2533.8	2340.4	2115.9	1882.0	1644.1	1415.5	1200.7	1003.1	833.9	701.5	600.4
-1.25°	2516.0	2322.8	2099.6	1867.3	1631.3	1404.7	1191.2	996.0	828.6	697.5	597.4
-2.5°	2464.5	2271.6	2051.2	1823.8	1593.2	1372.8	1163.2	974.7	812.7	685.4	588.7
-3.75°	2377.0	2184.5	1973.1	1753.5	1531.2	1320.7	1120.6	939.7	786.4	665.5	576.3
-5°	2255.6	2068.4	1869.0	1659.4	1450.9	1251.8	1062.9	891.6	750.3	641.8	561.5
-6.25°	2101.1	1928.6	1741.0	1545.4	1354.1	1166.2	992.0	837.1	712.7	614.9	542.7
-7.5°	1928.6	1769.1	1596.1	1419.5	1244.1	1073.5	914.8	778.8	668.4	582.7	521.4
-8.75°	1741.0	1596.1	1441.8	1284.0	1124.5	972.4	833.6	718.8	625.8	554.9	499.5
-10°	1545.4	1419.5	1284.0	1141.8	1001.8	868.4	754.5	658.2	581.7	524.5	473.8
-11.25°	1354.1	1244.1	1124.5	1001.8	882.4	776.0	683.1	606.0	545.5	495.7	442.8
-12.5°	1166.2	1073.5	972.4	868.4	776.0	691.5	618.4	558.7	509.8	462.0	405.9
-13.75°	992.0	914.8	833.6	754.5	683.1	618.4	563.2	517.0	473.8	423.1	363.9
-15°	837.1	778.8	718.8	658.2	606.0	558.7	517.0	477.7	431.6	376.9	316.3
-16.25°	712.7	668.4	625.8	581.7	545.5	509.8	473.8	431.6	381.1	325.0	267.0
-17.5°	614.9	582.7	554.9	524.5	495.7	462.0	423.1	376.9	325.0	271.1	216.6
-18.75°	542.7	521.4	499.5	473.8	442.8	405.9	363.9	316.3	267.0	216.6	167.6
-20°	486.2	466.5	443.0	414.3	380.6	341.7	299.1	254.6	208.9	164.4	124.2
-21.25°	423.9	401.9	376.4	345.7	311.1	274.1	234.6	193.6	154.8	119.6	90.7



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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°	350.7	328.3	302.4	273.5	241.4	207.5	172.5	139.1	110.6	87.7	74.5
-23.75°	273.7	253.0	229.3	202.9	174.6	147.1	120.6	97.1	82.6	72.6	67.7
-25°	198.9	180.3	161.4	140.0	119.7	100.4	86.0	75.7	70.3	66.1	62.4
-26.25°	133.4	121.2	108.0	93.0	84.5	76.1	71.2	67.3	64.1	60.7	57.1
-27.5°	89.0	84.1	78.3	73.1	70.2	67.1	64.4	61.5	58.4	55.2	51.9
-28.75°	71.5	69.6	67.5	65.5	63.4	61.0	58.5	55.7	52.8	49.9	46.9
-30°	64.0	62.6	61.0	59.2	57.2	54.9	52.5	50.1	47.5	44.7	41.8
-31.25°	57.4	56.1	54.6	52.9	51.1	49.1	47.0	44.6	42.1	40.6	39.7
-32.5°	51.1	49.9	48.6	47.0	45.3	43.4	41.3	40.5	39.7	38.8	37.9
-33.75°	45.0	43.9	42.6	41.2	40.7	40.0	39.3	38.6	37.8	37.0	36.6
-35°	40.5	40.1	39.7	39.2	38.6	38.0	37.4	36.9	36.6	36.2	35.9
-36.25°	38.4	38.0	37.6	37.1	36.8	36.6	36.4	36.1	35.8	35.5	35.2
-37.5°	36.7	36.6	36.4	36.2	36.0	35.8	35.6	35.3	35.2	35.0	34.8
-38.75°	35.9	35.7	35.6	35.4	35.3	35.2	35.0	34.9	34.8	34.6	34.4
-40°	35.2	35.1	35.0	34.9	34.8	34.7	34.6	34.5	34.3	34.2	34.0
-41.25°	34.7	34.6	34.6	34.5	34.4	34.3	34.2	34.1	33.9	33.8	33.6
-42.5°	34.3	34.2	34.1	34.1	34.0	33.9	33.8	33.6	33.5	33.4	33.4
-43.75°	33.8	33.8	33.7	33.6	33.5	33.5	33.4	33.4	33.3	33.3	33.2
-45°	33.4	33.4	33.4	33.4	33.3	33.3	33.2	33.2	33.1	33.1	32.9
-46.25°	33.2	33.2	33.2	33.2	33.1	33.1	33.0	32.9	32.8	32.7	32.5
-47.5°	33.0	32.9	32.9	32.8	32.7	32.7	32.6	32.5	32.4	32.2	32.2
-48.75°	32.5	32.5	32.4	32.4	32.3	32.2	32.2	32.1	32.1	32.0	32.0
-50°	32.2	32.1	32.1	32.1	32.1	32.0	32.0	31.9	31.9	31.8	31.8
-51.25°	32.0	31.9	31.9	31.9	31.9	31.8	31.8	31.6	31.5	31.4	31.2
-52.5°	31.7	31.6	31.5	31.5	31.4	31.3	31.2	31.0	30.9	30.8	30.6
-53.75°	31.0	31.0	30.9	30.8	30.7	30.6	30.5	30.4	30.2	29.9	29.7
-55°	30.3	30.2	30.1	30.0	29.9	29.7	29.5	29.4	29.2	29.0	28.7
-56.25°	29.3	29.2	29.1	29.0	28.8	28.7	28.5	28.4	28.2	28.0	27.7
-57.5°	28.2	28.1	28.0	27.9	27.8	27.6	27.5	27.3	27.1	26.9	26.7
-58.75°	27.1	27.0	26.9	26.8	26.7	26.6	26.4	26.3	26.1	25.9	25.7
-60°	26.0	26.0	25.9	25.8	25.7	25.5	25.4	25.3	25.1	24.9	24.7
-61.25°	25.0	24.9	24.8	24.7	24.6	24.5	24.4	24.3	24.1	23.9	23.6
-62.5°	23.9	23.8	23.7	23.6	23.4	23.3	23.1	22.9	22.7	22.5	22.2
-63.75°	22.4	22.3	22.2	22.1	22.0	21.8	21.6	21.4	21.3	21.0	20.7
-65°	20.9	20.7	20.6	20.5	20.3	20.1	19.9	19.7	19.4	19.2	18.9
-66.25°	18.9	18.8	18.7	18.6	18.4	18.2	18.0	17.8	17.6	17.3	17.1
-67.5°	17.0	17.0	16.9	16.8	16.7	16.5	16.4	16.2	16.1	15.9	15.7
-68.75°	15.5	15.5	15.4	15.3	15.2	15.1	14.9	14.8	14.6	14.5	14.3
-70°	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.3	13.2	13.0	12.9
-71.25°	12.6	12.5	12.4	12.3	12.3	12.1	12.0	11.9	11.8	11.6	11.5
-72.5°	11.1	11.1	11.1	11.0	11.0	10.9	10.8	10.8	10.7	10.6	10.5
-73.75°	10.3	10.3	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8	9.7
-75°	9.5	9.5	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.2
-76.25°	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.8
-77.5°	8.6	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.2



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6
-80°	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.8
-81.25°	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9
-82.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.9
-83.75°	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1
-85°	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2
-86.25°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
86.25°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
85°	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9
83.75°	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6
82.5°	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4
81.25°	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1
80°	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.0
78.75°	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.0	6.9
77.5°	8.2	8.2	8.1	8.0	8.0	7.9	7.9	7.8	7.7	7.6	7.6
76.25°	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.1
75°	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.6
73.75°	9.7	9.6	9.5	9.4	9.4	9.3	9.3	9.2	9.1	9.1	9.0
72.5°	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.6	9.5	9.4
71.25°	11.3	11.2	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.1	10.0
70°	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.2	11.0	10.9	10.7
68.75°	14.1	13.9	13.7	13.4	13.2	13.0	12.7	12.4	12.2	11.9	11.6
67.5°	15.5	15.3	15.0	14.8	14.6	14.3	14.0	13.7	13.4	13.1	12.8
66.25°	16.9	16.7	16.4	16.2	15.9	15.6	15.3	15.0	14.7	14.4	14.0
65°	18.6	18.3	18.0	17.6	17.2	16.9	16.6	16.3	16.0	15.6	15.3
63.75°	20.4	20.1	19.7	19.4	19.0	18.6	18.1	17.7	17.2	16.9	16.5
62.5°	22.0	21.7	21.4	21.1	20.7	20.3	19.8	19.4	18.9	18.4	17.9
61.25°	23.3	23.1	22.8	22.4	22.1	21.8	21.4	21.0	20.5	20.0	19.4
60°	24.5	24.3	24.1	23.8	23.4	23.1	22.7	22.3	21.9	21.5	21.0
58.75°	25.5	25.3	25.1	24.8	24.6	24.3	24.0	23.6	23.1	22.7	22.2
57.5°	26.5	26.2	26.0	25.7	25.5	25.2	24.9	24.6	24.3	23.9	23.4
56.25°	27.5	27.2	27.0	26.7	26.4	26.1	25.8	25.5	25.2	24.8	24.5
55°	28.5	28.2	28.0	27.7	27.4	27.0	26.7	26.4	26.0	25.7	25.3
53.75°	29.5	29.2	28.9	28.6	28.3	28.0	27.6	27.3	26.9	26.5	26.1
52.5°	30.4	30.1	29.8	29.5	29.2	28.9	28.6	28.2	27.8	27.4	27.0
51.25°	31.0	30.9	30.7	30.5	30.1	29.8	29.4	29.1	28.7	28.3	27.8
50°	31.6	31.4	31.2	31.0	30.8	30.6	30.3	29.9	29.5	29.1	28.7
48.75°	31.9	31.9	31.8	31.6	31.4	31.2	30.9	30.7	30.3	29.9	29.5
47.5°	32.1	32.0	32.0	31.9	31.8	31.7	31.4	31.2	30.9	30.6	30.3
46.25°	32.4	32.2	32.2	32.1	32.0	31.9	31.9	31.7	31.4	31.1	30.9
45°	32.8	32.6	32.5	32.3	32.2	32.1	32.0	31.9	31.8	31.6	31.3
43.75°	33.1	33.0	32.9	32.7	32.5	32.3	32.2	32.1	32.0	31.9	31.8
42.5°	33.3	33.2	33.2	33.1	32.9	32.7	32.5	32.3	32.1	32.1	32.0
41.25°	33.5	33.4	33.3	33.3	33.2	33.1	32.9	32.6	32.4	32.2	32.1
40°	33.9	33.7	33.5	33.4	33.3	33.2	33.1	33.0	32.8	32.5	32.3
38.75°	34.3	34.1	33.9	33.7	33.5	33.4	33.3	33.2	33.1	32.9	32.6
37.5°	34.7	34.5	34.3	34.1	33.9	33.6	33.5	33.4	33.2	33.1	32.9
36.25°	35.0	34.8	34.6	34.4	34.2	34.0	33.7	33.5	33.4	33.3	33.2
35°	35.5	35.2	35.0	34.8	34.6	34.3	34.1	33.8	33.6	33.4	33.3



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	36.2	35.8	35.4	35.1	34.9	34.7	34.4	34.1	33.9	33.6	33.4
32.5°	36.9	36.5	36.1	35.7	35.2	35.0	34.7	34.5	34.2	33.9	33.6
31.25°	38.6	37.6	36.8	36.3	35.8	35.3	35.1	34.8	34.5	34.2	33.9
30°	40.4	39.3	38.1	37.0	36.5	36.0	35.4	35.1	34.8	34.5	34.2
28.75°	43.6	41.0	39.7	38.5	37.2	36.6	36.0	35.5	35.1	34.8	34.5
27.5°	48.6	45.1	41.5	40.1	38.7	37.4	36.6	36.0	35.4	35.1	34.7
26.25°	53.4	49.8	46.0	42.2	40.2	38.8	37.4	36.6	36.0	35.3	35.0
25°	58.5	54.4	50.5	46.5	42.4	40.2	38.7	37.2	36.5	35.8	35.2
23.75°	63.5	59.3	55.0	50.8	46.5	42.2	40.1	38.5	37.0	36.3	35.7
22.5°	68.8	64.1	59.6	55.0	50.5	46.0	41.5	39.7	38.1	36.8	36.1
21.25°	76.5	69.2	64.1	59.3	54.4	49.8	45.1	41.0	39.3	37.6	36.5
20°	91.9	76.5	68.8	63.5	58.5	53.4	48.6	43.6	40.4	38.6	36.9
18.75°	124.2	90.7	74.5	67.7	62.4	57.1	51.9	46.9	41.8	39.7	37.9
17.5°	164.4	119.6	87.7	72.6	66.1	60.7	55.2	49.9	44.7	40.6	38.8
16.25°	208.9	154.8	110.6	82.6	70.3	64.1	58.4	52.8	47.5	42.1	39.7
15°	254.6	193.6	139.1	97.1	75.7	67.3	61.5	55.7	50.1	44.6	40.5
13.75°	299.1	234.6	172.5	120.6	86.0	71.2	64.4	58.5	52.5	47.0	41.3
12.5°	341.7	274.1	207.5	147.1	100.4	76.1	67.1	61.0	54.9	49.1	43.4
11.25°	380.6	311.1	241.4	174.6	119.7	84.5	70.2	63.4	57.2	51.1	45.3
10°	414.3	345.7	273.5	202.9	140.0	93.0	73.1	65.5	59.2	52.9	47.0
8.75°	443.0	376.4	302.4	229.3	161.4	108.0	78.3	67.5	61.0	54.6	48.6
7.5°	466.5	401.9	328.3	253.0	180.3	121.2	84.1	69.6	62.6	56.1	49.9
6.25°	486.2	423.9	350.7	273.7	198.9	133.4	89.0	71.5	64.0	57.4	51.1
5°	501.1	440.6	369.3	290.9	214.6	146.1	94.8	73.0	65.1	58.5	52.0
3.75°	512.8	453.1	382.9	304.4	226.9	156.0	101.8	74.5	66.0	59.3	52.7
2.5°	521.2	462.1	392.6	314.3	235.8	163.2	106.7	76.7	66.6	59.9	53.3
1.25°	526.3	467.6	398.5	320.2	241.1	167.5	109.7	78.0	67.0	60.3	53.6
0°	528.0	469.4	400.5	322.2	242.9	168.9	110.8	78.4	67.1	60.4	53.7
-1.25°	526.3	467.6	398.5	320.2	241.1	167.5	109.7	78.0	67.0	60.3	53.6
-2.5°	521.2	462.1	392.6	314.3	235.8	163.2	106.7	76.7	66.6	59.9	53.3
-3.75°	512.8	453.1	382.9	304.4	226.9	156.0	101.8	74.5	66.0	59.3	52.7
-5°	501.1	440.6	369.3	290.9	214.6	146.1	94.8	73.0	65.1	58.5	52.0
-6.25°	486.2	423.9	350.7	273.7	198.9	133.4	89.0	71.5	64.0	57.4	51.1
-7.5°	466.5	401.9	328.3	253.0	180.3	121.2	84.1	69.6	62.6	56.1	49.9
-8.75°	443.0	376.4	302.4	229.3	161.4	108.0	78.3	67.5	61.0	54.6	48.6
-10°	414.3	345.7	273.5	202.9	140.0	93.0	73.1	65.5	59.2	52.9	47.0
-11.25°	380.6	311.1	241.4	174.6	119.7	84.5	70.2	63.4	57.2	51.1	45.3
-12.5°	341.7	274.1	207.5	147.1	100.4	76.1	67.1	61.0	54.9	49.1	43.4
-13.75°	299.1	234.6	172.5	120.6	86.0	71.2	64.4	58.5	52.5	47.0	41.3
-15°	254.6	193.6	139.1	97.1	75.7	67.3	61.5	55.7	50.1	44.6	40.5
-16.25°	208.9	154.8	110.6	82.6	70.3	64.1	58.4	52.8	47.5	42.1	39.7
-17.5°	164.4	119.6	87.7	72.6	66.1	60.7	55.2	49.9	44.7	40.6	38.8
-18.75°	124.2	90.7	74.5	67.7	62.4	57.1	51.9	46.9	41.8	39.7	37.9
-20°	91.9	76.5	68.8	63.5	58.5	53.4	48.6	43.6	40.4	38.6	36.9
-21.25°	76.5	69.2	64.1	59.3	54.4	49.8	45.1	41.0	39.3	37.6	36.5





REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	68.8	64.1	59.6	55.0	50.5	46.0	41.5	39.7	38.1	36.8	36.1
-23.75°	63.5	59.3	55.0	50.8	46.5	42.2	40.1	38.5	37.0	36.3	35.7
-25°	58.5	54.4	50.5	46.5	42.4	40.2	38.7	37.2	36.5	35.8	35.2
-26.25°	53.4	49.8	46.0	42.2	40.2	38.8	37.4	36.6	36.0	35.3	35.0
-27.5°	48.6	45.1	41.5	40.1	38.7	37.4	36.6	36.0	35.4	35.1	34.7
-28.75°	43.6	41.0	39.7	38.5	37.2	36.6	36.0	35.5	35.1	34.8	34.5
-30°	40.4	39.3	38.1	37.0	36.5	36.0	35.4	35.1	34.8	34.5	34.2
-31.25°	38.6	37.6	36.8	36.3	35.8	35.3	35.1	34.8	34.5	34.2	33.9
-32.5°	36.9	36.5	36.1	35.7	35.2	35.0	34.7	34.5	34.2	33.9	33.6
-33.75°	36.2	35.8	35.4	35.1	34.9	34.7	34.4	34.1	33.9	33.6	33.4
-35°	35.5	35.2	35.0	34.8	34.6	34.3	34.1	33.8	33.6	33.4	33.3
-36.25°	35.0	34.8	34.6	34.4	34.2	34.0	33.7	33.5	33.4	33.3	33.2
-37.5°	34.7	34.5	34.3	34.1	33.9	33.6	33.5	33.4	33.2	33.1	32.9
-38.75°	34.3	34.1	33.9	33.7	33.5	33.4	33.3	33.2	33.1	32.9	32.6
-40°	33.9	33.7	33.5	33.4	33.3	33.2	33.1	33.0	32.8	32.5	32.3
-41.25°	33.5	33.4	33.3	33.3	33.2	33.1	32.9	32.6	32.4	32.2	32.1
-42.5°	33.3	33.2	33.2	33.1	32.9	32.7	32.5	32.3	32.1	32.1	32.0
-43.75°	33.1	33.0	32.9	32.7	32.5	32.3	32.2	32.1	32.0	31.9	31.8
-45°	32.8	32.6	32.5	32.3	32.2	32.1	32.0	31.9	31.8	31.6	31.3
-46.25°	32.4	32.2	32.2	32.1	32.0	31.9	31.9	31.7	31.4	31.1	30.9
-47.5°	32.1	32.0	32.0	31.9	31.8	31.7	31.4	31.2	30.9	30.6	30.3
-48.75°	31.9	31.9	31.8	31.6	31.4	31.2	30.9	30.7	30.3	29.9	29.5
-50°	31.6	31.4	31.2	31.0	30.8	30.6	30.3	29.9	29.5	29.1	28.7
-51.25°	31.0	30.9	30.7	30.5	30.1	29.8	29.4	29.1	28.7	28.3	27.8
-52.5°	30.4	30.1	29.8	29.5	29.2	28.9	28.6	28.2	27.8	27.4	27.0
-53.75°	29.5	29.2	28.9	28.6	28.3	28.0	27.6	27.3	26.9	26.5	26.1
-55°	28.5	28.2	28.0	27.7	27.4	27.0	26.7	26.4	26.0	25.7	25.3
-56.25°	27.5	27.2	27.0	26.7	26.4	26.1	25.8	25.5	25.2	24.8	24.5
-57.5°	26.5	26.2	26.0	25.7	25.5	25.2	24.9	24.6	24.3	23.9	23.4
-58.75°	25.5	25.3	25.1	24.8	24.6	24.3	24.0	23.6	23.1	22.7	22.2
-60°	24.5	24.3	24.1	23.8	23.4	23.1	22.7	22.3	21.9	21.5	21.0
-61.25°	23.3	23.1	22.8	22.4	22.1	21.8	21.4	21.0	20.5	20.0	19.4
-62.5°	22.0	21.7	21.4	21.1	20.7	20.3	19.8	19.4	18.9	18.4	17.9
-63.75°	20.4	20.1	19.7	19.4	19.0	18.6	18.1	17.7	17.2	16.9	16.5
-65°	18.6	18.3	18.0	17.6	17.2	16.9	16.6	16.3	16.0	15.6	15.3
-66.25°	16.9	16.7	16.4	16.2	15.9	15.6	15.3	15.0	14.7	14.4	14.0
-67.5°	15.5	15.3	15.0	14.8	14.6	14.3	14.0	13.7	13.4	13.1	12.8
-68.75°	14.1	13.9	13.7	13.4	13.2	13.0	12.7	12.4	12.2	11.9	11.6
-70°	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.2	11.0	10.9	10.7
-71.25°	11.3	11.2	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.1	10.0
-72.5°	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.6	9.5	9.4
-73.75°	9.7	9.6	9.5	9.4	9.4	9.3	9.3	9.2	9.1	9.1	9.0
-75°	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.6
-76.25°	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.1
-77.5°	8.2	8.2	8.1	8.0	8.0	7.9	7.9	7.8	7.7	7.6	7.6



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.0	6.9
-80°	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.0
-81.25°	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1
-82.5°	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4
-83.75°	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6
-85°	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9
-86.25°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
-87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-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):**

	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°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
86.25°	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8
85°	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3
83.75°	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9
82.5°	4.3	4.2	4.2	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5
81.25°	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
80°	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8
78.75°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.8	5.7	5.6	5.4
77.5°	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.1
76.25°	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.3	7.2	7.0	6.8
75°	8.6	8.5	8.4	8.3	8.2	8.0	7.9	7.8	7.7	7.6	7.5
73.75°	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.9
72.5°	9.3	9.2	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.3
71.25°	9.8	9.7	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7
70°	10.5	10.4	10.2	10.0	9.8	9.6	9.5	9.4	9.2	9.1	9.0
68.75°	11.2	11.0	10.9	10.7	10.5	10.3	10.1	9.8	9.6	9.4	9.3
67.5°	12.5	12.1	11.8	11.4	11.1	10.9	10.7	10.4	10.2	10.0	9.7
66.25°	13.7	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.8	10.6	10.3
65°	14.9	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.5	11.1	10.9
63.75°	16.1	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.6	12.1	11.6
62.5°	17.3	16.9	16.4	16.0	15.5	15.1	14.6	14.1	13.6	13.1	12.5
61.25°	18.9	18.3	17.7	17.1	16.6	16.1	15.6	15.1	14.6	14.1	13.5
60°	20.4	19.8	19.2	18.6	17.9	17.2	16.7	16.2	15.6	15.0	14.5
58.75°	21.8	21.3	20.7	20.0	19.3	18.6	17.9	17.2	16.6	16.0	15.4
57.5°	22.9	22.4	21.9	21.4	20.7	20.0	19.3	18.5	17.7	17.0	16.4
56.25°	24.1	23.6	23.0	22.5	21.9	21.3	20.6	19.8	19.0	18.2	17.3
55°	24.9	24.5	24.1	23.6	23.0	22.4	21.8	21.1	20.3	19.4	18.6
53.75°	25.7	25.3	24.9	24.5	24.1	23.4	22.8	22.1	21.4	20.7	19.8
52.5°	26.6	26.1	25.7	25.3	24.8	24.3	23.8	23.1	22.4	21.7	20.9
51.25°	27.4	26.9	26.5	26.0	25.5	25.1	24.6	24.1	23.4	22.6	21.9
50°	28.2	27.8	27.3	26.8	26.3	25.8	25.3	24.8	24.2	23.5	22.8
48.75°	29.0	28.6	28.1	27.6	27.0	26.5	26.0	25.4	24.9	24.3	23.7
47.5°	29.8	29.3	28.8	28.3	27.8	27.2	26.7	26.1	25.5	25.0	24.4
46.25°	30.6	30.1	29.6	29.0	28.5	27.9	27.4	26.8	26.2	25.6	25.0
45°	31.0	30.7	30.3	29.8	29.2	28.7	28.1	27.5	26.8	26.2	25.6
43.75°	31.5	31.2	30.8	30.5	29.9	29.3	28.7	28.1	27.5	26.8	26.2
42.5°	31.8	31.6	31.3	30.9	30.6	30.0	29.4	28.8	28.1	27.5	26.8
41.25°	32.0	31.9	31.7	31.3	31.0	30.6	30.0	29.4	28.7	28.1	27.4
40°	32.1	32.0	31.9	31.8	31.4	31.0	30.6	30.0	29.3	28.7	27.9
38.75°	32.4	32.2	32.0	31.9	31.8	31.4	31.0	30.6	29.9	29.2	28.5
37.5°	32.7	32.4	32.2	32.0	31.9	31.8	31.3	30.9	30.5	29.8	29.0
36.25°	33.0	32.7	32.4	32.2	32.0	31.9	31.7	31.3	30.8	30.3	29.6
35°	33.2	33.0	32.7	32.4	32.2	32.0	31.9	31.6	31.2	30.7	30.1



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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	33.3	33.2	33.0	32.7	32.4	32.1	32.0	31.8	31.5	31.0	30.6
32.5°	33.4	33.3	33.2	32.9	32.6	32.3	32.1	32.0	31.8	31.3	30.9
31.25°	33.6	33.4	33.3	33.1	32.9	32.5	32.2	32.1	31.9	31.6	31.1
30°	33.9	33.6	33.4	33.2	33.1	32.8	32.4	32.1	32.0	31.8	31.4
28.75°	34.1	33.8	33.5	33.4	33.2	33.0	32.6	32.3	32.1	31.9	31.7
27.5°	34.4	34.1	33.7	33.5	33.3	33.1	32.9	32.5	32.2	32.0	31.9
26.25°	34.7	34.3	34.0	33.6	33.4	33.2	33.1	32.7	32.3	32.1	31.9
25°	34.9	34.6	34.2	33.9	33.5	33.3	33.2	32.9	32.5	32.2	32.0
23.75°	35.1	34.8	34.4	34.1	33.7	33.4	33.3	33.1	32.7	32.3	32.1
22.5°	35.4	35.0	34.6	34.3	33.9	33.5	33.3	33.2	32.9	32.5	32.2
21.25°	35.8	35.2	34.8	34.5	34.1	33.7	33.4	33.2	33.0	32.6	32.2
20°	36.2	35.5	35.0	34.7	34.3	33.9	33.5	33.3	33.1	32.8	32.4
18.75°	36.6	35.9	35.2	34.8	34.4	34.0	33.6	33.4	33.2	32.9	32.5
17.5°	37.0	36.2	35.5	35.0	34.6	34.2	33.8	33.4	33.3	33.1	32.7
16.25°	37.8	36.6	35.8	35.2	34.8	34.3	33.9	33.5	33.3	33.1	32.8
15°	38.6	36.9	36.1	35.3	34.9	34.5	34.1	33.6	33.4	33.2	32.9
13.75°	39.3	37.4	36.4	35.6	35.0	34.6	34.2	33.8	33.4	33.2	33.0
12.5°	40.0	38.0	36.6	35.8	35.2	34.7	34.3	33.9	33.5	33.3	33.1
11.25°	40.7	38.6	36.8	36.0	35.3	34.8	34.4	34.0	33.5	33.3	33.1
10°	41.2	39.2	37.1	36.2	35.4	34.9	34.5	34.1	33.6	33.4	33.2
8.75°	42.6	39.7	37.6	36.4	35.6	35.0	34.6	34.1	33.7	33.4	33.2
7.5°	43.9	40.1	38.0	36.6	35.7	35.1	34.6	34.2	33.8	33.4	33.2
6.25°	45.0	40.5	38.4	36.7	35.9	35.2	34.7	34.3	33.8	33.4	33.2
5°	45.9	40.8	38.6	36.8	36.0	35.2	34.8	34.3	33.9	33.5	33.3
3.75°	46.6	41.0	38.9	36.9	36.0	35.2	34.8	34.4	33.9	33.5	33.3
2.5°	47.1	41.2	39.0	37.0	36.1	35.3	34.8	34.4	33.9	33.5	33.3
1.25°	47.4	41.3	39.1	37.0	36.1	35.3	34.8	34.4	33.9	33.5	33.3
0°	47.5	41.3	39.2	37.0	36.2	35.3	34.9	34.4	34.0	33.5	33.3
-1.25°	47.4	41.3	39.1	37.0	36.1	35.3	34.8	34.4	33.9	33.5	33.3
-2.5°	47.1	41.2	39.0	37.0	36.1	35.3	34.8	34.4	33.9	33.5	33.3
-3.75°	46.6	41.0	38.9	36.9	36.0	35.2	34.8	34.4	33.9	33.5	33.3
-5°	45.9	40.8	38.6	36.8	36.0	35.2	34.8	34.3	33.9	33.5	33.3
-6.25°	45.0	40.5	38.4	36.7	35.9	35.2	34.7	34.3	33.8	33.4	33.2
-7.5°	43.9	40.1	38.0	36.6	35.7	35.1	34.6	34.2	33.8	33.4	33.2
-8.75°	42.6	39.7	37.6	36.4	35.6	35.0	34.6	34.1	33.7	33.4	33.2
-10°	41.2	39.2	37.1	36.2	35.4	34.9	34.5	34.1	33.6	33.4	33.2
-11.25°	40.7	38.6	36.8	36.0	35.3	34.8	34.4	34.0	33.5	33.3	33.1
-12.5°	40.0	38.0	36.6	35.8	35.2	34.7	34.3	33.9	33.5	33.3	33.1
-13.75°	39.3	37.4	36.4	35.6	35.0	34.6	34.2	33.8	33.4	33.2	33.0
-15°	38.6	36.9	36.1	35.3	34.9	34.5	34.1	33.6	33.4	33.2	32.9
-16.25°	37.8	36.6	35.8	35.2	34.8	34.3	33.9	33.5	33.3	33.1	32.8
-17.5°	37.0	36.2	35.5	35.0	34.6	34.2	33.8	33.4	33.3	33.1	32.7
-18.75°	36.6	35.9	35.2	34.8	34.4	34.0	33.6	33.4	33.2	32.9	32.5
-20°	36.2	35.5	35.0	34.7	34.3	33.9	33.5	33.3	33.1	32.8	32.4
-21.25°	35.8	35.2	34.8	34.5	34.1	33.7	33.4	33.2	33.0	32.6	32.2



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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	35.4	35.0	34.6	34.3	33.9	33.5	33.3	33.2	32.9	32.5	32.2
-23.75°	35.1	34.8	34.4	34.1	33.7	33.4	33.3	33.1	32.7	32.3	32.1
-25°	34.9	34.6	34.2	33.9	33.5	33.3	33.2	32.9	32.5	32.2	32.0
-26.25°	34.7	34.3	34.0	33.6	33.4	33.2	33.1	32.7	32.3	32.1	31.9
-27.5°	34.4	34.1	33.7	33.5	33.3	33.1	32.9	32.5	32.2	32.0	31.9
-28.75°	34.1	33.8	33.5	33.4	33.2	33.0	32.6	32.3	32.1	31.9	31.7
-30°	33.9	33.6	33.4	33.2	33.1	32.8	32.4	32.1	32.0	31.8	31.4
-31.25°	33.6	33.4	33.3	33.1	32.9	32.5	32.2	32.1	31.9	31.6	31.1
-32.5°	33.4	33.3	33.2	32.9	32.6	32.3	32.1	32.0	31.8	31.3	30.9
-33.75°	33.3	33.2	33.0	32.7	32.4	32.1	32.0	31.8	31.5	31.0	30.6
-35°	33.2	33.0	32.7	32.4	32.2	32.0	31.9	31.6	31.2	30.7	30.1
-36.25°	33.0	32.7	32.4	32.2	32.0	31.9	31.7	31.3	30.8	30.3	29.6
-37.5°	32.7	32.4	32.2	32.0	31.9	31.8	31.3	30.9	30.5	29.8	29.0
-38.75°	32.4	32.2	32.0	31.9	31.8	31.4	31.0	30.6	29.9	29.2	28.5
-40°	32.1	32.0	31.9	31.8	31.4	31.0	30.6	30.0	29.3	28.7	27.9
-41.25°	32.0	31.9	31.7	31.3	31.0	30.6	30.0	29.4	28.7	28.1	27.4
-42.5°	31.8	31.6	31.3	30.9	30.6	30.0	29.4	28.8	28.1	27.5	26.8
-43.75°	31.5	31.2	30.8	30.5	29.9	29.3	28.7	28.1	27.5	26.8	26.2
-45°	31.0	30.7	30.3	29.8	29.2	28.7	28.1	27.5	26.8	26.2	25.6
-46.25°	30.6	30.1	29.6	29.0	28.5	27.9	27.4	26.8	26.2	25.6	25.0
-47.5°	29.8	29.3	28.8	28.3	27.8	27.2	26.7	26.1	25.5	25.0	24.4
-48.75°	29.0	28.6	28.1	27.6	27.0	26.5	26.0	25.4	24.9	24.3	23.7
-50°	28.2	27.8	27.3	26.8	26.3	25.8	25.3	24.8	24.2	23.5	22.8
-51.25°	27.4	26.9	26.5	26.0	25.5	25.1	24.6	24.1	23.4	22.6	21.9
-52.5°	26.6	26.1	25.7	25.3	24.8	24.3	23.8	23.1	22.4	21.7	20.9
-53.75°	25.7	25.3	24.9	24.5	24.1	23.4	22.8	22.1	21.4	20.7	19.8
-55°	24.9	24.5	24.1	23.6	23.0	22.4	21.8	21.1	20.3	19.4	18.6
-56.25°	24.1	23.6	23.0	22.5	21.9	21.3	20.6	19.8	19.0	18.2	17.3
-57.5°	22.9	22.4	21.9	21.4	20.7	20.0	19.3	18.5	17.7	17.0	16.4
-58.75°	21.8	21.3	20.7	20.0	19.3	18.6	17.9	17.2	16.6	16.0	15.4
-60°	20.4	19.8	19.2	18.6	17.9	17.2	16.7	16.2	15.6	15.0	14.5
-61.25°	18.9	18.3	17.7	17.1	16.6	16.1	15.6	15.1	14.6	14.1	13.5
-62.5°	17.3	16.9	16.4	16.0	15.5	15.1	14.6	14.1	13.6	13.1	12.5
-63.75°	16.1	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.6	12.1	11.6
-65°	14.9	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.5	11.1	10.9
-66.25°	13.7	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.8	10.6	10.3
-67.5°	12.5	12.1	11.8	11.4	11.1	10.9	10.7	10.4	10.2	10.0	9.7
-68.75°	11.2	11.0	10.9	10.7	10.5	10.3	10.1	9.8	9.6	9.4	9.3
-70°	10.5	10.4	10.2	10.0	9.8	9.6	9.5	9.4	9.2	9.1	9.0
-71.25°	9.8	9.7	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7
-72.5°	9.3	9.2	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.3
-73.75°	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.9
-75°	8.6	8.5	8.4	8.3	8.2	8.0	7.9	7.8	7.7	7.6	7.5
-76.25°	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.3	7.2	7.0	6.8
-77.5°	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.1



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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.8	5.7	5.6	5.4
-80°	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8
-81.25°	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-82.5°	4.3	4.2	4.2	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5
-83.75°	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9
-85°	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3
-86.25°	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7
83.75°	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1
82.5°	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
81.25°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
80°	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
78.75°	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.8
77.5°	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.4	4.3
76.25°	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7
75°	7.3	7.2	6.9	6.7	6.5	6.3	6.1	5.8	5.6	5.4	5.2
73.75°	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.7
72.5°	8.2	8.0	7.9	7.7	7.6	7.4	7.2	7.0	6.7	6.4	6.2
71.25°	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.4	7.3	7.0	6.7
70°	8.9	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.2
68.75°	9.2	9.1	8.9	8.8	8.7	8.5	8.3	8.1	7.9	7.7	7.5
67.5°	9.5	9.4	9.2	9.1	8.9	8.8	8.7	8.5	8.3	8.1	7.8
66.25°	10.0	9.8	9.5	9.4	9.2	9.1	8.9	8.8	8.6	8.4	8.1
65°	10.6	10.3	10.0	9.7	9.5	9.3	9.2	9.0	8.8	8.7	8.4
63.75°	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.2	9.0	8.9	8.7
62.5°	12.0	11.5	11.0	10.7	10.4	10.1	9.7	9.5	9.3	9.1	8.9
61.25°	13.0	12.4	11.8	11.2	10.9	10.5	10.2	9.8	9.5	9.3	9.1
60°	13.9	13.3	12.7	12.1	11.5	11.0	10.6	10.3	9.9	9.5	9.3
58.75°	14.8	14.2	13.6	12.9	12.3	11.6	11.1	10.7	10.3	9.9	9.5
57.5°	15.7	15.1	14.4	13.8	13.1	12.4	11.7	11.1	10.7	10.3	9.9
56.25°	16.7	16.0	15.3	14.6	13.9	13.2	12.5	11.8	11.1	10.7	10.3
55°	17.7	16.9	16.2	15.4	14.7	14.0	13.2	12.5	11.7	11.1	10.6
53.75°	18.8	17.9	17.0	16.3	15.5	14.8	14.0	13.2	12.4	11.6	11.0
52.5°	20.0	19.0	18.0	17.1	16.3	15.5	14.7	13.9	13.1	12.3	11.5
51.25°	21.1	20.1	19.1	18.1	17.1	16.3	15.4	14.6	13.8	12.9	12.1
50°	22.0	21.2	20.2	19.1	18.0	17.0	16.2	15.3	14.4	13.6	12.7
48.75°	22.8	22.0	21.2	20.1	19.0	17.9	16.9	16.0	15.1	14.2	13.3
47.5°	23.7	22.8	22.0	21.1	20.0	18.8	17.7	16.7	15.7	14.8	13.9
46.25°	24.4	23.7	22.8	21.9	20.9	19.8	18.6	17.3	16.4	15.4	14.5
45°	25.0	24.3	23.5	22.6	21.7	20.7	19.4	18.2	17.0	16.0	15.0
43.75°	25.5	24.9	24.2	23.4	22.4	21.4	20.3	19.0	17.7	16.6	15.6
42.5°	26.1	25.4	24.8	24.1	23.1	22.1	21.1	19.8	18.5	17.2	16.2
41.25°	26.7	26.0	25.3	24.6	23.8	22.8	21.8	20.6	19.3	17.9	16.7
40°	27.2	26.5	25.8	25.1	24.3	23.4	22.4	21.3	20.0	18.6	17.2
38.75°	27.8	27.0	26.3	25.5	24.8	24.1	23.0	21.9	20.7	19.3	17.9
37.5°	28.3	27.6	26.8	26.0	25.3	24.5	23.6	22.5	21.4	20.0	18.6
36.25°	28.8	28.1	27.3	26.5	25.7	24.9	24.1	23.0	21.9	20.7	19.2
35°	29.3	28.6	27.8	26.9	26.1	25.3	24.5	23.6	22.4	21.3	19.8



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	29.8	29.0	28.2	27.4	26.6	25.7	24.9	24.1	22.9	21.8	20.4
32.5°	30.3	29.5	28.7	27.8	27.0	26.1	25.3	24.5	23.4	22.2	21.0
31.25°	30.6	29.9	29.1	28.3	27.4	26.5	25.7	24.8	23.9	22.7	21.5
30°	30.9	30.3	29.5	28.7	27.8	26.9	26.0	25.2	24.3	23.1	21.9
28.75°	31.2	30.7	29.9	29.1	28.2	27.3	26.4	25.5	24.6	23.6	22.3
27.5°	31.4	30.9	30.3	29.4	28.6	27.6	26.7	25.8	24.9	24.0	22.7
26.25°	31.7	31.2	30.6	29.8	28.9	28.0	27.0	26.1	25.2	24.3	23.1
25°	31.8	31.4	30.8	30.1	29.2	28.3	27.4	26.4	25.5	24.6	23.4
23.75°	31.9	31.6	31.0	30.5	29.5	28.6	27.7	26.7	25.7	24.8	23.8
22.5°	32.0	31.8	31.2	30.7	29.8	28.9	28.0	27.0	26.0	25.1	24.1
21.25°	32.0	31.9	31.4	30.9	30.1	29.2	28.2	27.2	26.2	25.3	24.3
20°	32.1	31.9	31.6	31.0	30.4	29.5	28.5	27.5	26.5	25.5	24.5
18.75°	32.2	32.0	31.8	31.2	30.6	29.7	28.7	27.7	26.7	25.7	24.7
17.5°	32.2	32.0	31.8	31.4	30.8	29.9	29.0	28.0	26.9	25.9	24.9
16.25°	32.4	32.1	31.9	31.5	30.9	30.2	29.2	28.2	27.1	26.1	25.1
15°	32.5	32.1	31.9	31.6	31.0	30.4	29.4	28.4	27.3	26.3	25.3
13.75°	32.6	32.2	32.0	31.8	31.2	30.5	29.5	28.5	27.5	26.4	25.4
12.5°	32.7	32.2	32.0	31.8	31.3	30.6	29.7	28.7	27.6	26.6	25.5
11.25°	32.7	32.3	32.1	31.9	31.4	30.7	29.9	28.8	27.8	26.7	25.7
10°	32.8	32.4	32.1	31.9	31.5	30.8	30.0	29.0	27.9	26.8	25.8
8.75°	32.9	32.4	32.1	31.9	31.5	30.9	30.1	29.1	28.0	26.9	25.9
7.5°	32.9	32.5	32.1	31.9	31.6	31.0	30.2	29.2	28.1	27.0	26.0
6.25°	33.0	32.5	32.2	32.0	31.7	31.0	30.3	29.3	28.2	27.1	26.0
5°	33.0	32.6	32.2	32.0	31.7	31.1	30.4	29.3	28.3	27.2	26.1
3.75°	33.1	32.6	32.2	32.0	31.8	31.1	30.4	29.4	28.3	27.2	26.1
2.5°	33.1	32.6	32.2	32.0	31.8	31.1	30.5	29.4	28.4	27.3	26.2
1.25°	33.1	32.6	32.2	32.0	31.8	31.1	30.5	29.4	28.4	27.3	26.2
0°	33.1	32.7	32.2	32.0	31.8	31.2	30.5	29.5	28.4	27.3	26.2
-1.25°	33.1	32.6	32.2	32.0	31.8	31.1	30.5	29.4	28.4	27.3	26.2
-2.5°	33.1	32.6	32.2	32.0	31.8	31.1	30.5	29.4	28.4	27.3	26.2
-3.75°	33.1	32.6	32.2	32.0	31.8	31.1	30.4	29.4	28.3	27.2	26.1
-5°	33.0	32.6	32.2	32.0	31.7	31.1	30.4	29.3	28.3	27.2	26.1
-6.25°	33.0	32.5	32.2	32.0	31.7	31.0	30.3	29.3	28.2	27.1	26.0
-7.5°	32.9	32.5	32.1	31.9	31.6	31.0	30.2	29.2	28.1	27.0	26.0
-8.75°	32.9	32.4	32.1	31.9	31.5	30.9	30.1	29.1	28.0	26.9	25.9
-10°	32.8	32.4	32.1	31.9	31.5	30.8	30.0	29.0	27.9	26.8	25.8
-11.25°	32.7	32.3	32.1	31.9	31.4	30.7	29.9	28.8	27.8	26.7	25.7
-12.5°	32.7	32.2	32.0	31.8	31.3	30.6	29.7	28.7	27.6	26.6	25.5
-13.75°	32.6	32.2	32.0	31.8	31.2	30.5	29.5	28.5	27.5	26.4	25.4
-15°	32.5	32.1	31.9	31.6	31.0	30.4	29.4	28.4	27.3	26.3	25.3
-16.25°	32.4	32.1	31.9	31.5	30.9	30.2	29.2	28.2	27.1	26.1	25.1
-17.5°	32.2	32.0	31.8	31.4	30.8	29.9	29.0	28.0	26.9	25.9	24.9
-18.75°	32.2	32.0	31.8	31.2	30.6	29.7	28.7	27.7	26.7	25.7	24.7
-20°	32.1	31.9	31.6	31.0	30.4	29.5	28.5	27.5	26.5	25.5	24.5
-21.25°	32.0	31.9	31.4	30.9	30.1	29.2	28.2	27.2	26.2	25.3	24.3





REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	32.0	31.8	31.2	30.7	29.8	28.9	28.0	27.0	26.0	25.1	24.1
-23.75°	31.9	31.6	31.0	30.5	29.5	28.6	27.7	26.7	25.7	24.8	23.8
-25°	31.8	31.4	30.8	30.1	29.2	28.3	27.4	26.4	25.5	24.6	23.4
-26.25°	31.7	31.2	30.6	29.8	28.9	28.0	27.0	26.1	25.2	24.3	23.1
-27.5°	31.4	30.9	30.3	29.4	28.6	27.6	26.7	25.8	24.9	24.0	22.7
-28.75°	31.2	30.7	29.9	29.1	28.2	27.3	26.4	25.5	24.6	23.6	22.3
-30°	30.9	30.3	29.5	28.7	27.8	26.9	26.0	25.2	24.3	23.1	21.9
-31.25°	30.6	29.9	29.1	28.3	27.4	26.5	25.7	24.8	23.9	22.7	21.5
-32.5°	30.3	29.5	28.7	27.8	27.0	26.1	25.3	24.5	23.4	22.2	21.0
-33.75°	29.8	29.0	28.2	27.4	26.6	25.7	24.9	24.1	22.9	21.8	20.4
-35°	29.3	28.6	27.8	26.9	26.1	25.3	24.5	23.6	22.4	21.3	19.8
-36.25°	28.8	28.1	27.3	26.5	25.7	24.9	24.1	23.0	21.9	20.7	19.2
-37.5°	28.3	27.6	26.8	26.0	25.3	24.5	23.6	22.5	21.4	20.0	18.6
-38.75°	27.8	27.0	26.3	25.5	24.8	24.1	23.0	21.9	20.7	19.3	17.9
-40°	27.2	26.5	25.8	25.1	24.3	23.4	22.4	21.3	20.0	18.6	17.2
-41.25°	26.7	26.0	25.3	24.6	23.8	22.8	21.8	20.6	19.3	17.9	16.7
-42.5°	26.1	25.4	24.8	24.1	23.1	22.1	21.1	19.8	18.5	17.2	16.2
-43.75°	25.5	24.9	24.2	23.4	22.4	21.4	20.3	19.0	17.7	16.6	15.6
-45°	25.0	24.3	23.5	22.6	21.7	20.7	19.4	18.2	17.0	16.0	15.0
-46.25°	24.4	23.7	22.8	21.9	20.9	19.8	18.6	17.3	16.4	15.4	14.5
-47.5°	23.7	22.8	22.0	21.1	20.0	18.8	17.7	16.7	15.7	14.8	13.9
-48.75°	22.8	22.0	21.2	20.1	19.0	17.9	16.9	16.0	15.1	14.2	13.3
-50°	22.0	21.2	20.2	19.1	18.0	17.0	16.2	15.3	14.4	13.6	12.7
-51.25°	21.1	20.1	19.1	18.1	17.1	16.3	15.4	14.6	13.8	12.9	12.1
-52.5°	20.0	19.0	18.0	17.1	16.3	15.5	14.7	13.9	13.1	12.3	11.5
-53.75°	18.8	17.9	17.0	16.3	15.5	14.8	14.0	13.2	12.4	11.6	11.0
-55°	17.7	16.9	16.2	15.4	14.7	14.0	13.2	12.5	11.7	11.1	10.6
-56.25°	16.7	16.0	15.3	14.6	13.9	13.2	12.5	11.8	11.1	10.7	10.3
-57.5°	15.7	15.1	14.4	13.8	13.1	12.4	11.7	11.1	10.7	10.3	9.9
-58.75°	14.8	14.2	13.6	12.9	12.3	11.6	11.1	10.7	10.3	9.9	9.5
-60°	13.9	13.3	12.7	12.1	11.5	11.0	10.6	10.3	9.9	9.5	9.3
-61.25°	13.0	12.4	11.8	11.2	10.9	10.5	10.2	9.8	9.5	9.3	9.1
-62.5°	12.0	11.5	11.0	10.7	10.4	10.1	9.7	9.5	9.3	9.1	8.9
-63.75°	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.2	9.0	8.9	8.7
-65°	10.6	10.3	10.0	9.7	9.5	9.3	9.2	9.0	8.8	8.7	8.4
-66.25°	10.0	9.8	9.5	9.4	9.2	9.1	8.9	8.8	8.6	8.4	8.1
-67.5°	9.5	9.4	9.2	9.1	8.9	8.8	8.7	8.5	8.3	8.1	7.8
-68.75°	9.2	9.1	8.9	8.8	8.7	8.5	8.3	8.1	7.9	7.7	7.5
-70°	8.9	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.2
-71.25°	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.4	7.3	7.0	6.7
-72.5°	8.2	8.0	7.9	7.7	7.6	7.4	7.2	7.0	6.7	6.4	6.2
-73.75°	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.7
-75°	7.3	7.2	6.9	6.7	6.5	6.3	6.1	5.8	5.6	5.4	5.2
-76.25°	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7
-77.5°	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.4	4.3



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.8
-80°	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
-81.25°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-82.5°	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
-83.75°	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1
-85°	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7
-86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
-88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
83.75°	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2
82.5°	2.4	2.3	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4
81.25°	2.9	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7
80°	3.3	3.1	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9
78.75°	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1
77.5°	4.1	3.9	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5	2.4
76.25°	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
75°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.8
73.75°	5.4	5.1	4.9	4.7	4.5	4.2	4.0	3.8	3.5	3.3	3.1
72.5°	5.9	5.6	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.5	3.3
71.25°	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.1	3.8	3.5
70°	6.9	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.3	4.1	3.8
68.75°	7.3	7.0	6.6	6.3	6.0	5.6	5.2	4.9	4.6	4.3	4.0
67.5°	7.6	7.4	7.1	6.7	6.3	6.0	5.6	5.2	4.9	4.6	4.2
66.25°	7.9	7.7	7.4	7.1	6.7	6.3	6.0	5.6	5.2	4.8	4.5
65°	8.2	8.0	7.7	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
63.75°	8.5	8.2	8.0	7.7	7.4	7.1	6.6	6.2	5.8	5.3	4.9
62.5°	8.7	8.5	8.2	8.0	7.7	7.4	7.0	6.5	6.1	5.6	5.1
61.25°	8.9	8.7	8.5	8.2	7.9	7.6	7.3	6.9	6.4	5.9	5.4
60°	9.1	8.9	8.7	8.4	8.1	7.8	7.5	7.2	6.7	6.2	5.7
58.75°	9.3	9.1	8.9	8.7	8.4	8.1	7.7	7.4	7.0	6.4	5.9
57.5°	9.5	9.3	9.0	8.8	8.6	8.3	7.9	7.6	7.3	6.7	6.2
56.25°	9.8	9.5	9.2	9.0	8.8	8.5	8.1	7.8	7.4	7.0	6.4
55°	10.2	9.7	9.4	9.2	8.9	8.7	8.3	8.0	7.6	7.2	6.7
53.75°	10.5	10.1	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.4	6.9
52.5°	10.9	10.4	9.9	9.5	9.2	8.9	8.7	8.3	8.0	7.6	7.1
51.25°	11.2	10.7	10.2	9.7	9.4	9.1	8.8	8.5	8.1	7.7	7.3
50°	11.8	11.0	10.5	10.0	9.5	9.2	8.9	8.7	8.3	7.9	7.5
48.75°	12.4	11.5	10.8	10.3	9.8	9.4	9.1	8.8	8.5	8.0	7.6
47.5°	13.0	12.0	11.1	10.6	10.0	9.5	9.2	8.9	8.6	8.2	7.8
46.25°	13.5	12.5	11.6	10.9	10.3	9.7	9.3	9.0	8.7	8.3	7.9
45°	14.1	13.1	12.1	11.1	10.6	10.0	9.4	9.1	8.8	8.5	8.0
43.75°	14.6	13.6	12.6	11.5	10.8	10.2	9.6	9.2	8.9	8.6	8.2
42.5°	15.1	14.1	13.0	12.0	11.0	10.4	9.8	9.4	9.0	8.7	8.3
41.25°	15.6	14.6	13.5	12.4	11.4	10.7	10.1	9.5	9.1	8.8	8.4
40°	16.1	15.1	14.0	12.9	11.8	10.9	10.3	9.6	9.2	8.9	8.5
38.75°	16.6	15.5	14.4	13.3	12.2	11.1	10.5	9.8	9.3	9.0	8.6
37.5°	17.1	16.0	14.9	13.7	12.6	11.4	10.7	10.0	9.4	9.1	8.7
36.25°	17.7	16.4	15.3	14.1	12.9	11.8	10.9	10.2	9.5	9.2	8.8
35°	18.3	16.9	15.7	14.5	13.3	12.1	11.0	10.4	9.7	9.2	8.9



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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°	18.9	17.3	16.1	14.9	13.7	12.5	11.2	10.5	9.8	9.3	8.9
32.5°	19.4	17.9	16.5	15.3	14.0	12.8	11.6	10.7	10.0	9.4	9.0
31.25°	20.0	18.4	16.9	15.6	14.4	13.1	11.9	10.9	10.1	9.5	9.1
30°	20.5	18.9	17.2	16.0	14.7	13.4	12.2	11.0	10.3	9.6	9.1
28.75°	21.0	19.4	17.7	16.3	15.0	13.7	12.4	11.2	10.4	9.7	9.2
27.5°	21.4	19.8	18.1	16.6	15.3	14.0	12.7	11.4	10.6	9.8	9.3
26.25°	21.8	20.3	18.6	16.9	15.6	14.3	13.0	11.6	10.7	9.9	9.3
25°	22.1	20.7	19.0	17.2	15.9	14.6	13.2	11.9	10.8	10.1	9.4
23.75°	22.4	21.1	19.4	17.6	16.2	14.8	13.4	12.1	10.9	10.2	9.4
22.5°	22.8	21.4	19.7	18.0	16.4	15.0	13.7	12.3	11.0	10.3	9.5
21.25°	23.1	21.7	20.1	18.3	16.7	15.3	13.9	12.5	11.2	10.4	9.6
20°	23.3	22.0	20.4	18.6	16.9	15.5	14.1	12.7	11.3	10.5	9.7
18.75°	23.6	22.2	20.7	18.9	17.1	15.7	14.3	12.9	11.5	10.5	9.7
17.5°	23.9	22.5	21.0	19.2	17.3	15.9	14.5	13.0	11.6	10.6	9.8
16.25°	24.1	22.7	21.3	19.4	17.6	16.1	14.6	13.2	11.8	10.7	9.9
15°	24.3	22.9	21.4	19.7	17.8	16.2	14.8	13.3	11.9	10.8	10.0
13.75°	24.4	23.1	21.6	19.9	18.0	16.4	14.9	13.5	12.0	10.8	10.0
12.5°	24.5	23.3	21.8	20.1	18.2	16.5	15.1	13.6	12.1	10.9	10.1
11.25°	24.6	23.4	22.0	20.3	18.4	16.7	15.2	13.7	12.3	11.0	10.1
10°	24.7	23.6	22.1	20.5	18.6	16.8	15.3	13.8	12.3	11.0	10.2
8.75°	24.8	23.7	22.2	20.6	18.7	16.9	15.4	13.9	12.4	11.1	10.2
7.5°	24.9	23.8	22.3	20.7	18.8	17.0	15.5	14.0	12.5	11.1	10.3
6.25°	25.0	23.9	22.4	20.9	18.9	17.0	15.5	14.1	12.6	11.1	10.3
5°	25.0	24.0	22.5	20.9	19.0	17.1	15.6	14.1	12.6	11.2	10.3
3.75°	25.1	24.0	22.5	21.0	19.1	17.1	15.6	14.1	12.7	11.2	10.3
2.5°	25.1	24.1	22.6	21.1	19.1	17.2	15.7	14.2	12.7	11.2	10.3
1.25°	25.1	24.1	22.6	21.1	19.1	17.2	15.7	14.2	12.7	11.2	10.3
0°	25.2	24.1	22.6	21.1	19.2	17.2	15.7	14.2	12.7	11.2	10.4
-1.25°	25.1	24.1	22.6	21.1	19.1	17.2	15.7	14.2	12.7	11.2	10.3
-2.5°	25.1	24.1	22.6	21.1	19.1	17.2	15.7	14.2	12.7	11.2	10.3
-3.75°	25.1	24.0	22.5	21.0	19.1	17.1	15.6	14.1	12.7	11.2	10.3
-5°	25.0	24.0	22.5	20.9	19.0	17.1	15.6	14.1	12.6	11.2	10.3
-6.25°	25.0	23.9	22.4	20.9	18.9	17.0	15.5	14.1	12.6	11.1	10.3
-7.5°	24.9	23.8	22.3	20.7	18.8	17.0	15.5	14.0	12.5	11.1	10.3
-8.75°	24.8	23.7	22.2	20.6	18.7	16.9	15.4	13.9	12.4	11.1	10.2
-10°	24.7	23.6	22.1	20.5	18.6	16.8	15.3	13.8	12.3	11.0	10.2
-11.25°	24.6	23.4	22.0	20.3	18.4	16.7	15.2	13.7	12.3	11.0	10.1
-12.5°	24.5	23.3	21.8	20.1	18.2	16.5	15.1	13.6	12.1	10.9	10.1
-13.75°	24.4	23.1	21.6	19.9	18.0	16.4	14.9	13.5	12.0	10.8	10.0
-15°	24.3	22.9	21.4	19.7	17.8	16.2	14.8	13.3	11.9	10.8	10.0
-16.25°	24.1	22.7	21.3	19.4	17.6	16.1	14.6	13.2	11.8	10.7	9.9
-17.5°	23.9	22.5	21.0	19.2	17.3	15.9	14.5	13.0	11.6	10.6	9.8
-18.75°	23.6	22.2	20.7	18.9	17.1	15.7	14.3	12.9	11.5	10.5	9.7
-20°	23.3	22.0	20.4	18.6	16.9	15.5	14.1	12.7	11.3	10.5	9.7
-21.25°	23.1	21.7	20.1	18.3	16.7	15.3	13.9	12.5	11.2	10.4	9.6



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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°
-22.5°	22.8	21.4	19.7	18.0	16.4	15.0	13.7	12.3	11.0	10.3	9.5
-23.75°	22.4	21.1	19.4	17.6	16.2	14.8	13.4	12.1	10.9	10.2	9.4
-25°	22.1	20.7	19.0	17.2	15.9	14.6	13.2	11.9	10.8	10.1	9.4
-26.25°	21.8	20.3	18.6	16.9	15.6	14.3	13.0	11.6	10.7	9.9	9.3
-27.5°	21.4	19.8	18.1	16.6	15.3	14.0	12.7	11.4	10.6	9.8	9.3
-28.75°	21.0	19.4	17.7	16.3	15.0	13.7	12.4	11.2	10.4	9.7	9.2
-30°	20.5	18.9	17.2	16.0	14.7	13.4	12.2	11.0	10.3	9.6	9.1
-31.25°	20.0	18.4	16.9	15.6	14.4	13.1	11.9	10.9	10.1	9.5	9.1
-32.5°	19.4	17.9	16.5	15.3	14.0	12.8	11.6	10.7	10.0	9.4	9.0
-33.75°	18.9	17.3	16.1	14.9	13.7	12.5	11.2	10.5	9.8	9.3	8.9
-35°	18.3	16.9	15.7	14.5	13.3	12.1	11.0	10.4	9.7	9.2	8.9
-36.25°	17.7	16.4	15.3	14.1	12.9	11.8	10.9	10.2	9.5	9.2	8.8
-37.5°	17.1	16.0	14.9	13.7	12.6	11.4	10.7	10.0	9.4	9.1	8.7
-38.75°	16.6	15.5	14.4	13.3	12.2	11.1	10.5	9.8	9.3	9.0	8.6
-40°	16.1	15.1	14.0	12.9	11.8	10.9	10.3	9.6	9.2	8.9	8.5
-41.25°	15.6	14.6	13.5	12.4	11.4	10.7	10.1	9.5	9.1	8.8	8.4
-42.5°	15.1	14.1	13.0	12.0	11.0	10.4	9.8	9.4	9.0	8.7	8.3
-43.75°	14.6	13.6	12.6	11.5	10.8	10.2	9.6	9.2	8.9	8.6	8.2
-45°	14.1	13.1	12.1	11.1	10.6	10.0	9.4	9.1	8.8	8.5	8.0
-46.25°	13.5	12.5	11.6	10.9	10.3	9.7	9.3	9.0	8.7	8.3	7.9
-47.5°	13.0	12.0	11.1	10.6	10.0	9.5	9.2	8.9	8.6	8.2	7.8
-48.75°	12.4	11.5	10.8	10.3	9.8	9.4	9.1	8.8	8.5	8.0	7.6
-50°	11.8	11.0	10.5	10.0	9.5	9.2	8.9	8.7	8.3	7.9	7.5
-51.25°	11.2	10.7	10.2	9.7	9.4	9.1	8.8	8.5	8.1	7.7	7.3
-52.5°	10.9	10.4	9.9	9.5	9.2	8.9	8.7	8.3	8.0	7.6	7.1
-53.75°	10.5	10.1	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.4	6.9
-55°	10.2	9.7	9.4	9.2	8.9	8.7	8.3	8.0	7.6	7.2	6.7
-56.25°	9.8	9.5	9.2	9.0	8.8	8.5	8.1	7.8	7.4	7.0	6.4
-57.5°	9.5	9.3	9.0	8.8	8.6	8.3	7.9	7.6	7.3	6.7	6.2
-58.75°	9.3	9.1	8.9	8.7	8.4	8.1	7.7	7.4	7.0	6.4	5.9
-60°	9.1	8.9	8.7	8.4	8.1	7.8	7.5	7.2	6.7	6.2	5.7
-61.25°	8.9	8.7	8.5	8.2	7.9	7.6	7.3	6.9	6.4	5.9	5.4
-62.5°	8.7	8.5	8.2	8.0	7.7	7.4	7.0	6.5	6.1	5.6	5.1
-63.75°	8.5	8.2	8.0	7.7	7.4	7.1	6.6	6.2	5.8	5.3	4.9
-65°	8.2	8.0	7.7	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
-66.25°	7.9	7.7	7.4	7.1	6.7	6.3	6.0	5.6	5.2	4.8	4.5
-67.5°	7.6	7.4	7.1	6.7	6.3	6.0	5.6	5.2	4.9	4.6	4.2
-68.75°	7.3	7.0	6.6	6.3	6.0	5.6	5.2	4.9	4.6	4.3	4.0
-70°	6.9	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.3	4.1	3.8
-71.25°	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.1	3.8	3.5
-72.5°	5.9	5.6	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.5	3.3
-73.75°	5.4	5.1	4.9	4.7	4.5	4.2	4.0	3.8	3.5	3.3	3.1
-75°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.8
-76.25°	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
-77.5°	4.1	3.9	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5	2.4



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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°	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1
-80°	3.3	3.1	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9
-81.25°	2.9	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7
-82.5°	2.4	2.3	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-83.75°	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2
-85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
-88.75°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°
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	0.1	0.1	0.1	0.1	0.1	0.1	0.0
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
86.25°	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
85°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.1
83.75°	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2
82.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
81.25°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
80°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
78.75°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
77.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4
76.25°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
75°	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
73.75°	2.8	2.6	2.4	2.1	1.9	1.7	1.4	1.2	1.0	0.7	0.5
72.5°	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
71.25°	3.2	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
70°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.5	1.2	0.9	0.6
68.75°	3.7	3.4	3.1	2.8	2.5	2.1	1.8	1.5	1.2	0.9	0.6
67.5°	3.9	3.6	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
66.25°	4.1	3.8	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
65°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
63.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
62.5°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	2.0	1.6	1.2	0.8
61.25°	4.9	4.5	4.1	3.7	3.3	2.9	2.4	2.0	1.6	1.2	0.8
60°	5.2	4.7	4.3	3.8	3.4	3.0	2.5	2.1	1.7	1.3	0.8
58.75°	5.4	4.9	4.4	4.0	3.5	3.1	2.6	2.2	1.8	1.3	0.9
57.5°	5.6	5.1	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
56.25°	5.8	5.3	4.8	4.3	3.8	3.3	2.8	2.4	1.9	1.4	0.9
55°	6.1	5.5	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.0
53.75°	6.3	5.7	5.1	4.6	4.0	3.5	3.0	2.5	2.0	1.5	1.0
52.5°	6.5	5.9	5.3	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.0
51.25°	6.7	6.1	5.4	4.9	4.3	3.7	3.2	2.7	2.1	1.6	1.1
50°	6.9	6.3	5.6	5.0	4.4	3.8	3.3	2.7	2.2	1.6	1.1
48.75°	7.2	6.5	5.8	5.1	4.5	3.9	3.4	2.8	2.2	1.7	1.1
47.5°	7.3	6.7	6.0	5.3	4.7	4.0	3.4	2.9	2.3	1.7	1.1
46.25°	7.5	6.8	6.1	5.4	4.8	4.1	3.5	2.9	2.3	1.8	1.2
45°	7.6	7.0	6.3	5.6	4.9	4.2	3.6	3.0	2.4	1.8	1.2
43.75°	7.7	7.2	6.5	5.7	5.0	4.3	3.7	3.1	2.5	1.8	1.2
42.5°	7.8	7.3	6.6	5.8	5.1	4.4	3.8	3.1	2.5	1.9	1.3
41.25°	7.9	7.5	6.8	6.0	5.2	4.5	3.9	3.2	2.6	1.9	1.3
40°	8.0	7.6	6.9	6.1	5.3	4.6	3.9	3.3	2.6	2.0	1.3
38.75°	8.2	7.7	7.1	6.3	5.4	4.7	4.0	3.3	2.7	2.0	1.3
37.5°	8.3	7.8	7.2	6.4	5.6	4.8	4.1	3.4	2.7	2.0	1.3
36.25°	8.4	7.8	7.3	6.5	5.7	4.9	4.2	3.4	2.7	2.1	1.4
35°	8.5	7.9	7.4	6.6	5.8	5.0	4.2	3.5	2.8	2.1	1.4



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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°	8.6	8.0	7.5	6.7	5.9	5.0	4.3	3.5	2.8	2.1	1.4
32.5°	8.6	8.1	7.6	6.9	6.0	5.1	4.4	3.6	2.9	2.2	1.4
31.25°	8.7	8.2	7.6	7.0	6.1	5.2	4.4	3.6	2.9	2.2	1.5
30°	8.8	8.3	7.7	7.1	6.2	5.3	4.5	3.7	2.9	2.2	1.5
28.75°	8.8	8.4	7.8	7.2	6.3	5.3	4.5	3.7	3.0	2.2	1.5
27.5°	8.9	8.4	7.9	7.3	6.3	5.4	4.6	3.8	3.0	2.3	1.5
26.25°	8.9	8.5	7.9	7.3	6.4	5.5	4.6	3.8	3.0	2.3	1.5
25°	9.0	8.6	8.0	7.4	6.5	5.6	4.7	3.9	3.1	2.3	1.5
23.75°	9.0	8.6	8.0	7.4	6.6	5.6	4.7	3.9	3.1	2.3	1.6
22.5°	9.1	8.7	8.1	7.5	6.7	5.7	4.8	4.0	3.1	2.4	1.6
21.25°	9.1	8.7	8.2	7.5	6.7	5.7	4.8	4.0	3.2	2.4	1.6
20°	9.2	8.7	8.2	7.6	6.8	5.8	4.9	4.0	3.2	2.4	1.6
18.75°	9.2	8.8	8.2	7.6	6.8	5.9	4.9	4.1	3.2	2.4	1.6
17.5°	9.2	8.8	8.3	7.7	6.9	5.9	4.9	4.1	3.2	2.4	1.6
16.25°	9.3	8.8	8.3	7.7	7.0	6.0	5.0	4.1	3.3	2.4	1.6
15°	9.3	8.9	8.4	7.7	7.0	6.0	5.0	4.1	3.3	2.5	1.6
13.75°	9.3	8.9	8.4	7.8	7.1	6.0	5.0	4.2	3.3	2.5	1.7
12.5°	9.4	8.9	8.4	7.8	7.1	6.1	5.1	4.2	3.3	2.5	1.7
11.25°	9.4	9.0	8.5	7.8	7.1	6.1	5.1	4.2	3.3	2.5	1.7
10°	9.4	9.0	8.5	7.9	7.2	6.1	5.1	4.2	3.3	2.5	1.7
8.75°	9.4	9.0	8.5	7.9	7.2	6.2	5.1	4.2	3.4	2.5	1.7
7.5°	9.5	9.0	8.5	7.9	7.2	6.2	5.2	4.3	3.4	2.5	1.7
6.25°	9.5	9.0	8.6	7.9	7.2	6.2	5.2	4.3	3.4	2.5	1.7
5°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
3.75°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
2.5°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
1.25°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
0°	9.5	9.1	8.6	8.0	7.3	6.3	5.2	4.3	3.4	2.6	1.7
-1.25°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
-2.5°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
-3.75°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
-5°	9.5	9.0	8.6	7.9	7.3	6.2	5.2	4.3	3.4	2.5	1.7
-6.25°	9.5	9.0	8.6	7.9	7.2	6.2	5.2	4.3	3.4	2.5	1.7
-7.5°	9.5	9.0	8.5	7.9	7.2	6.2	5.2	4.3	3.4	2.5	1.7
-8.75°	9.4	9.0	8.5	7.9	7.2	6.2	5.1	4.2	3.4	2.5	1.7
-10°	9.4	9.0	8.5	7.9	7.2	6.1	5.1	4.2	3.3	2.5	1.7
-11.25°	9.4	9.0	8.5	7.8	7.1	6.1	5.1	4.2	3.3	2.5	1.7
-12.5°	9.4	8.9	8.4	7.8	7.1	6.1	5.1	4.2	3.3	2.5	1.7
-13.75°	9.3	8.9	8.4	7.8	7.1	6.0	5.0	4.2	3.3	2.5	1.7
-15°	9.3	8.9	8.4	7.7	7.0	6.0	5.0	4.1	3.3	2.5	1.6
-16.25°	9.3	8.8	8.3	7.7	7.0	6.0	5.0	4.1	3.3	2.4	1.6
-17.5°	9.2	8.8	8.3	7.7	6.9	5.9	4.9	4.1	3.2	2.4	1.6
-18.75°	9.2	8.8	8.2	7.6	6.8	5.9	4.9	4.1	3.2	2.4	1.6
-20°	9.2	8.7	8.2	7.6	6.8	5.8	4.9	4.0	3.2	2.4	1.6
-21.25°	9.1	8.7	8.2	7.5	6.7	5.7	4.8	4.0	3.2	2.4	1.6





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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°	9.1	8.7	8.1	7.5	6.7	5.7	4.8	4.0	3.1	2.4	1.6
-23.75°	9.0	8.6	8.0	7.4	6.6	5.6	4.7	3.9	3.1	2.3	1.6
-25°	9.0	8.6	8.0	7.4	6.5	5.6	4.7	3.9	3.1	2.3	1.5
-26.25°	8.9	8.5	7.9	7.3	6.4	5.5	4.6	3.8	3.0	2.3	1.5
-27.5°	8.9	8.4	7.9	7.3	6.3	5.4	4.6	3.8	3.0	2.3	1.5
-28.75°	8.8	8.4	7.8	7.2	6.3	5.3	4.5	3.7	3.0	2.2	1.5
-30°	8.8	8.3	7.7	7.1	6.2	5.3	4.5	3.7	2.9	2.2	1.5
-31.25°	8.7	8.2	7.6	7.0	6.1	5.2	4.4	3.6	2.9	2.2	1.5
-32.5°	8.6	8.1	7.6	6.9	6.0	5.1	4.4	3.6	2.9	2.2	1.4
-33.75°	8.6	8.0	7.5	6.7	5.9	5.0	4.3	3.5	2.8	2.1	1.4
-35°	8.5	7.9	7.4	6.6	5.8	5.0	4.2	3.5	2.8	2.1	1.4
-36.25°	8.4	7.8	7.3	6.5	5.7	4.9	4.2	3.4	2.7	2.1	1.4
-37.5°	8.3	7.8	7.2	6.4	5.6	4.8	4.1	3.4	2.7	2.0	1.3
-38.75°	8.2	7.7	7.1	6.3	5.4	4.7	4.0	3.3	2.7	2.0	1.3
-40°	8.0	7.6	6.9	6.1	5.3	4.6	3.9	3.3	2.6	2.0	1.3
-41.25°	7.9	7.5	6.8	6.0	5.2	4.5	3.9	3.2	2.6	1.9	1.3
-42.5°	7.8	7.3	6.6	5.8	5.1	4.4	3.8	3.1	2.5	1.9	1.3
-43.75°	7.7	7.2	6.5	5.7	5.0	4.3	3.7	3.1	2.5	1.8	1.2
-45°	7.6	7.0	6.3	5.6	4.9	4.2	3.6	3.0	2.4	1.8	1.2
-46.25°	7.5	6.8	6.1	5.4	4.8	4.1	3.5	2.9	2.3	1.8	1.2
-47.5°	7.3	6.7	6.0	5.3	4.7	4.0	3.4	2.9	2.3	1.7	1.1
-48.75°	7.2	6.5	5.8	5.1	4.5	3.9	3.4	2.8	2.2	1.7	1.1
-50°	6.9	6.3	5.6	5.0	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-51.25°	6.7	6.1	5.4	4.9	4.3	3.7	3.2	2.7	2.1	1.6	1.1
-52.5°	6.5	5.9	5.3	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.0
-53.75°	6.3	5.7	5.1	4.6	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-55°	6.1	5.5	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.0
-56.25°	5.8	5.3	4.8	4.3	3.8	3.3	2.8	2.4	1.9	1.4	0.9
-57.5°	5.6	5.1	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
-58.75°	5.4	4.9	4.4	4.0	3.5	3.1	2.6	2.2	1.8	1.3	0.9
-60°	5.2	4.7	4.3	3.8	3.4	3.0	2.5	2.1	1.7	1.3	0.8
-61.25°	4.9	4.5	4.1	3.7	3.3	2.9	2.4	2.0	1.6	1.2	0.8
-62.5°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	2.0	1.6	1.2	0.8
-63.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-65°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
-66.25°	4.1	3.8	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
-67.5°	3.9	3.6	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
-68.75°	3.7	3.4	3.1	2.8	2.5	2.1	1.8	1.5	1.2	0.9	0.6
-70°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.5	1.2	0.9	0.6
-71.25°	3.2	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-72.5°	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
-73.75°	2.8	2.6	2.4	2.1	1.9	1.7	1.4	1.2	1.0	0.7	0.5
-75°	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
-76.25°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-77.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4



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



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0.7	0.0
32.5°	0.7	0.0
31.25°	0.7	0.0
30°	0.7	0.0
28.75°	0.7	0.0
27.5°	0.8	0.0
26.25°	0.8	0.0
25°	0.8	0.0
23.75°	0.8	0.0
22.5°	0.8	0.0
21.25°	0.8	0.0
20°	0.8	0.0
18.75°	0.8	0.0
17.5°	0.8	0.0
16.25°	0.8	0.0
15°	0.8	0.0
13.75°	0.8	0.0
12.5°	0.8	0.0
11.25°	0.8	0.0
10°	0.8	0.0
8.75°	0.8	0.0
7.5°	0.8	0.0
6.25°	0.8	0.0
5°	0.8	0.0
3.75°	0.8	0.0
2.5°	0.8	0.0
1.25°	0.8	0.0
0°	0.8	0.0
-1.25°	0.8	0.0
-2.5°	0.8	0.0
-3.75°	0.8	0.0
-5°	0.8	0.0
-6.25°	0.8	0.0
-7.5°	0.8	0.0
-8.75°	0.8	0.0
-10°	0.8	0.0
-11.25°	0.8	0.0
-12.5°	0.8	0.0
-13.75°	0.8	0.0
-15°	0.8	0.0
-16.25°	0.8	0.0
-17.5°	0.8	0.0
-18.75°	0.8	0.0
-20°	0.8	0.0
-21.25°	0.8	0.0



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0.8	0.0
-23.75°	0.8	0.0
-25°	0.8	0.0
-26.25°	0.8	0.0
-27.5°	0.8	0.0
-28.75°	0.7	0.0
-30°	0.7	0.0
-31.25°	0.7	0.0
-32.5°	0.7	0.0
-33.75°	0.7	0.0
-35°	0.7	0.0
-36.25°	0.7	0.0
-37.5°	0.7	0.0
-38.75°	0.7	0.0
-40°	0.7	0.0
-41.25°	0.6	0.0
-42.5°	0.6	0.0
-43.75°	0.6	0.0
-45°	0.6	0.0
-46.25°	0.6	0.0
-47.5°	0.6	0.0
-48.75°	0.6	0.0
-50°	0.5	0.0
-51.25°	0.5	0.0
-52.5°	0.5	0.0
-53.75°	0.5	0.0
-55°	0.5	0.0
-56.25°	0.5	0.0
-57.5°	0.5	0.0
-58.75°	0.4	0.0
-60°	0.4	0.0
-61.25°	0.4	0.0
-62.5°	0.4	0.0
-63.75°	0.4	0.0
-65°	0.4	0.0
-66.25°	0.3	0.0
-67.5°	0.3	0.0
-68.75°	0.3	0.0
-70°	0.3	0.0
-71.25°	0.3	0.0
-72.5°	0.3	0.0
-73.75°	0.2	0.0
-75°	0.2	0.0
-76.25°	0.2	0.0
-77.5°	0.2	0.0



REPORT NUMBER: P220458 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0.2	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°	0.1	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)