

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: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

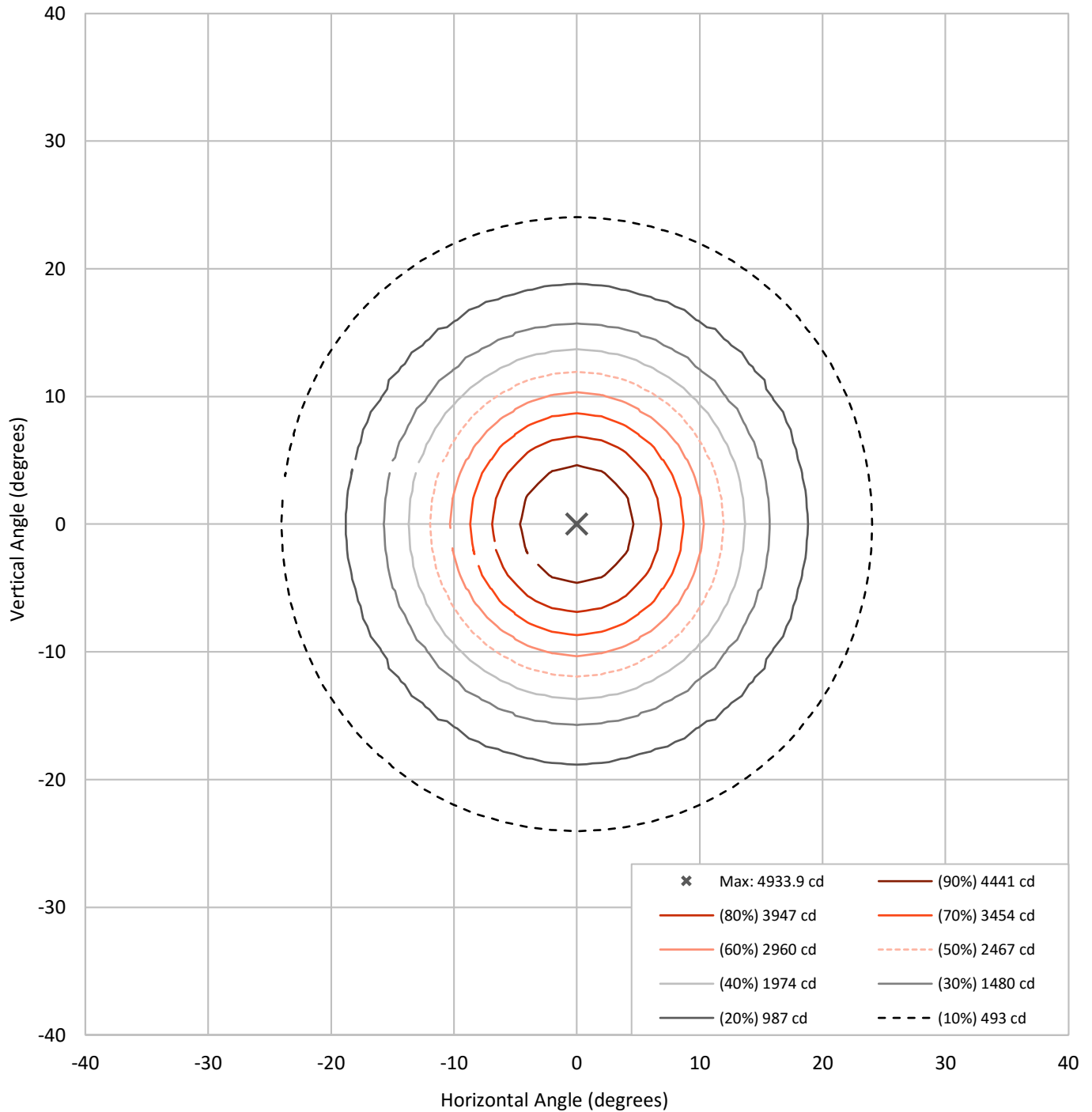
Test Method: LM-79-08  
Report Number: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 2700K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1208.4 lumens	Max Intensity:	4933.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.1 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:	482 lumens	Field Lumens:	947.9 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
Input Watts (W):	20.1		
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





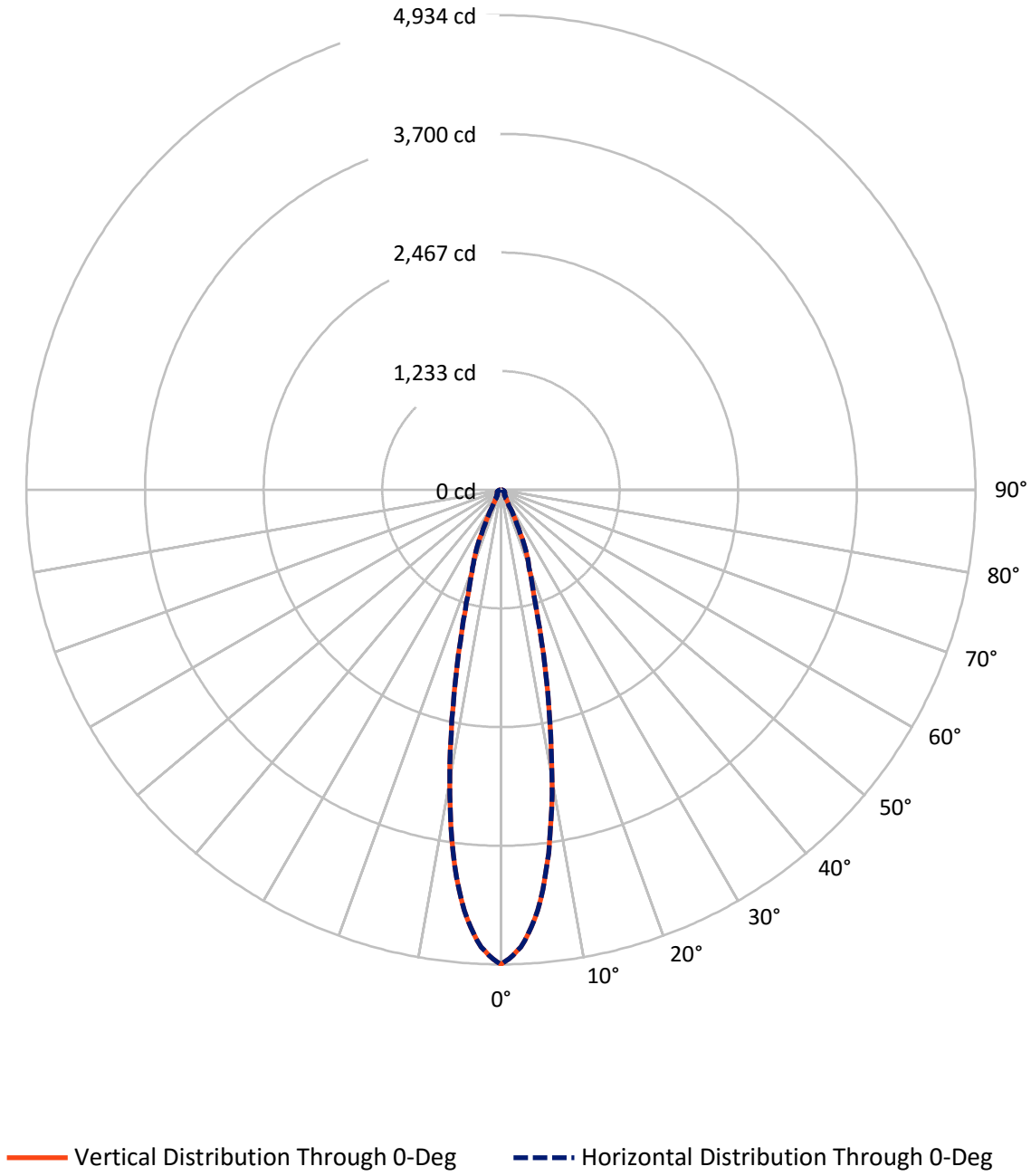
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### Lumen Table

90	0.1	0.4	0.8	1.2	1.3	1.2	0.8	0.4	0.1										
80	0.1	0.4	0.8	1.2	1.3	1.2	0.8	0.4	0.1										
70	0.2	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2	0.2			
60		0.2	0.4	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.4	0.2				
50	0.2	0.2	0.6	0.9	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.9	0.6	0.2	0.2			
40		0.3	0.7	1.1	1.3	1.6	1.9	2.2	2.2	1.9	1.6	1.3	1.1	0.7	0.3				
30	0.3	0.4	0.8	1.1	1.4	2.1	5.3	11.5	11.5	5.3	2.1	1.4	1.1	0.8	0.4	0.3			
20		0.4	0.8	1.2	1.6	5.0	22.6	46.2	46.2	22.6	5.0	1.6	1.2	0.8	0.4				
10	0.3	0.4	0.9	1.2	1.8	10.6	45.0	111.0	111.0	45.0	10.6	1.8	1.2	0.9	0.4	0.3			
0		0.4	0.9	1.2	1.8	10.6	45.0	111.0	111.0	45.0	10.6	1.8	1.2	0.9	0.4				
-10	0.3	0.4	0.8	1.2	1.6	5.0	22.6	46.2	46.2	22.6	5.0	1.6	1.2	0.8	0.4	0.3			
-20		0.4	0.8	1.1	1.4	2.1	5.3	11.5	11.5	5.3	2.1	1.4	1.1	0.8	0.4				
-30	0.2	0.3	0.7	1.1	1.3	1.6	1.9	2.2	2.2	1.9	1.6	1.3	1.1	0.7	0.3	0.2			
-40		0.2	0.6	0.9	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.9	0.6	0.2				
-50	0.2	0.2	0.4	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.4	0.2	0.2			
-60		0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2				
-70	0.1	0.4	0.8	1.2	1.3	1.2	0.8	0.4	0.1						0.1				
-80		0.4	0.8	1.2	1.3	1.2	0.8	0.4	0.1										
-90	0.1	0.4	0.8	1.2	1.3	1.2	0.8	0.4	0.1						0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

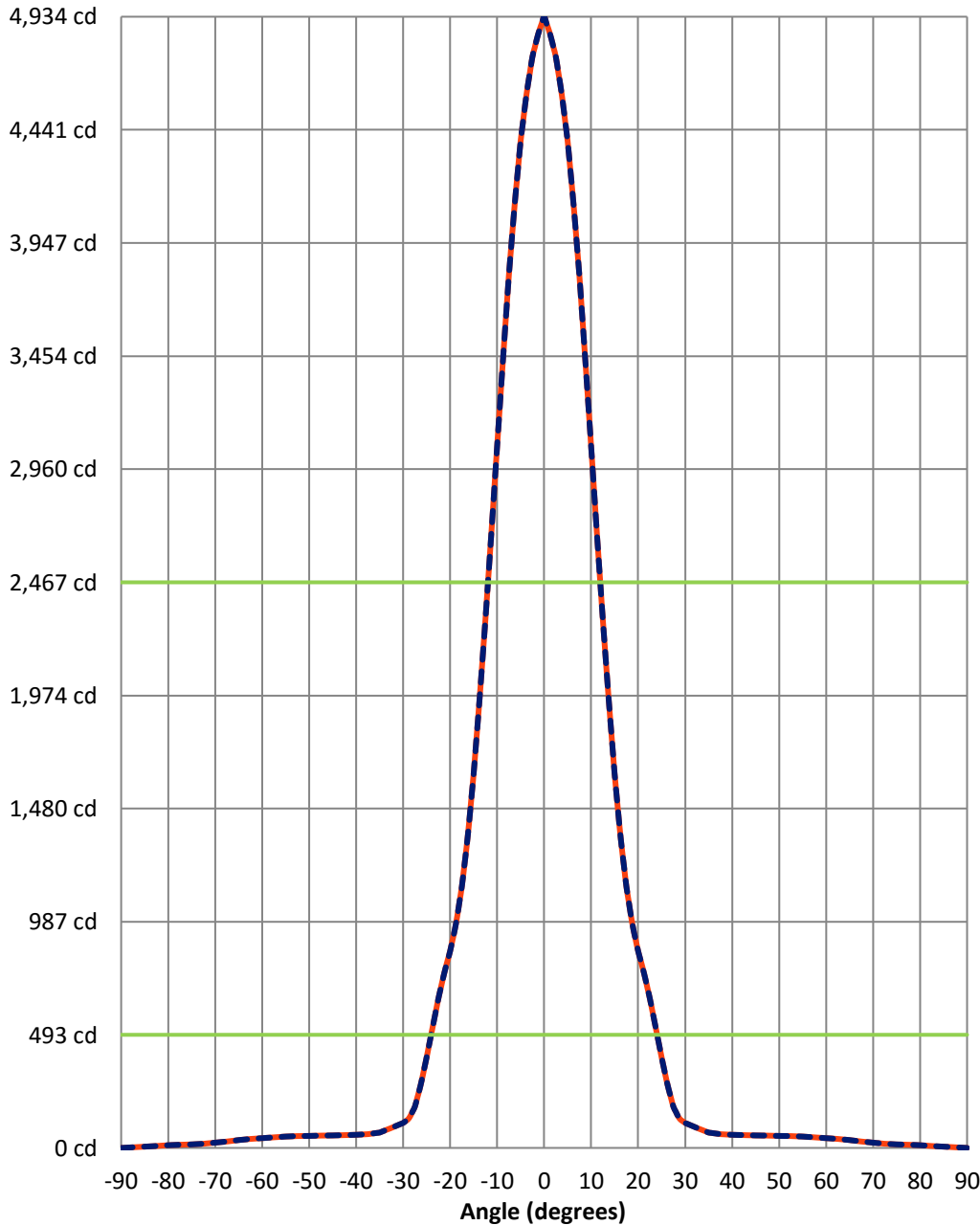
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 23.9°  
V Angle: 23.9°  
Lumens: 482  
Efficiency: 39.9%

**Field:**  
H Angle: 48.1°  
V Angle: 48.1°  
Lumens: 947.9  
Efficiency: 78.4%

**Spill:**  
Lumens: 260.5  
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	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
83.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
81.25°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
78.75°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
76.25°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.6	3.0	3.3
75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
73.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.7	3.1	3.5	3.9
72.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2
71.25°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0	4.5
70°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	4.8
68.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
67.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.8	5.3
66.25°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.6
65°	0.0	0.6	1.2	1.8	2.4	3.0	3.5	4.1	4.7	5.3	5.9
63.75°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.2
62.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.2	5.8	6.4
61.25°	0.0	0.7	1.3	2.0	2.7	3.4	4.0	4.7	5.4	6.0	6.7
60°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0
58.75°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.1	5.8	6.5	7.2
57.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.3	6.0	6.7	7.5
56.25°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.2	7.0	7.7
55°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0
53.75°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.6	7.4	8.2
52.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	6.0	6.8	7.6	8.5
51.25°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	6.1	7.0	7.9	8.8
50°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9.1
48.75°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.4	8.3	9.4
47.5°	0.0	0.9	1.9	2.8	3.8	4.7	5.7	6.6	7.5	8.5	9.7
46.25°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.8	7.7	8.8	10.0
45°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	6.9	7.9	9.0	10.2
43.75°	0.0	1.0	2.0	3.0	4.0	5.1	6.1	7.1	8.1	9.2	10.5
42.5°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.5	10.8
41.25°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.7	11.0
40°	0.0	1.1	2.1	3.2	4.3	5.4	6.4	7.5	8.6	9.9	11.3
38.75°	0.0	1.1	2.2	3.3	4.4	5.5	6.5	7.6	8.8	10.2	11.5
37.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.7	7.8	9.0	10.4	11.7
36.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	7.9	9.2	10.6	11.9
35°	0.0	1.1	2.3	3.4	4.6	5.7	6.9	8.0	9.3	10.8	12.1



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.5	11.0	12.2
32.5°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.3	9.7	11.2	12.3
31.25°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.9	11.3	12.5
30°	0.0	1.2	2.4	3.6	4.8	6.1	7.3	8.5	10.0	11.5	12.6
28.75°	0.0	1.2	2.5	3.7	4.9	6.1	7.4	8.6	10.2	11.7	12.7
27.5°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	8.8	10.3	11.9	12.8
26.25°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	8.9	10.4	12.0	12.9
25°	0.0	1.3	2.5	3.8	5.1	6.3	7.6	9.0	10.6	12.1	13.0
23.75°	0.0	1.3	2.6	3.8	5.1	6.4	7.7	9.1	10.7	12.1	13.1
22.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.2	10.8	12.2	13.2
21.25°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.3	10.9	12.3	13.3
20°	0.0	1.3	2.6	3.9	5.3	6.6	7.9	9.4	11.0	12.4	13.4
18.75°	0.0	1.3	2.7	4.0	5.3	6.6	8.0	9.5	11.1	12.4	13.4
17.5°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.6	11.2	12.5	13.5
16.25°	0.0	1.3	2.7	4.0	5.4	6.7	8.1	9.7	11.3	12.6	13.6
15°	0.0	1.4	2.7	4.1	5.4	6.8	8.1	9.7	11.4	12.6	13.6
13.75°	0.0	1.4	2.7	4.1	5.4	6.8	8.2	9.8	11.5	12.7	13.7
12.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.2	9.9	11.6	12.7	13.7
11.25°	0.0	1.4	2.7	4.1	5.5	6.9	8.2	9.9	11.6	12.8	13.8
10°	0.0	1.4	2.8	4.1	5.5	6.9	8.3	10.0	11.7	12.8	13.8
8.75°	0.0	1.4	2.8	4.2	5.5	6.9	8.3	10.0	11.7	12.8	13.9
7.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	10.0	11.8	12.9	13.9
6.25°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	10.1	11.8	12.9	13.9
5°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.8	12.9	14.0
3.75°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.9	12.9	14.0
2.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.9	12.9	14.0
1.25°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.9	12.9	14.0
0°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.9	12.9	14.0
-1.25°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.9	12.9	14.0
-2.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.9	12.9	14.0
-3.75°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.9	12.9	14.0
-5°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.1	11.8	12.9	14.0
-6.25°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	10.1	11.8	12.9	13.9
-7.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	10.0	11.8	12.9	13.9
-8.75°	0.0	1.4	2.8	4.2	5.5	6.9	8.3	10.0	11.7	12.8	13.9
-10°	0.0	1.4	2.8	4.1	5.5	6.9	8.3	10.0	11.7	12.8	13.8
-11.25°	0.0	1.4	2.7	4.1	5.5	6.9	8.2	9.9	11.6	12.8	13.8
-12.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.2	9.9	11.6	12.7	13.7
-13.75°	0.0	1.4	2.7	4.1	5.4	6.8	8.2	9.8	11.5	12.7	13.7
-15°	0.0	1.4	2.7	4.1	5.4	6.8	8.1	9.7	11.4	12.6	13.6
-16.25°	0.0	1.3	2.7	4.0	5.4	6.7	8.1	9.7	11.3	12.6	13.6
-17.5°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.6	11.2	12.5	13.5
-18.75°	0.0	1.3	2.7	4.0	5.3	6.6	8.0	9.5	11.1	12.4	13.4
-20°	0.0	1.3	2.6	3.9	5.3	6.6	7.9	9.4	11.0	12.4	13.4
-21.25°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.3	10.9	12.3	13.3





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.2	10.8	12.2	13.2
-23.75°	0.0	1.3	2.6	3.8	5.1	6.4	7.7	9.1	10.7	12.1	13.1
-25°	0.0	1.3	2.5	3.8	5.1	6.3	7.6	9.0	10.6	12.1	13.0
-26.25°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	8.9	10.4	12.0	12.9
-27.5°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	8.8	10.3	11.9	12.8
-28.75°	0.0	1.2	2.5	3.7	4.9	6.1	7.4	8.6	10.2	11.7	12.7
-30°	0.0	1.2	2.4	3.6	4.8	6.1	7.3	8.5	10.0	11.5	12.6
-31.25°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.9	11.3	12.5
-32.5°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.3	9.7	11.2	12.3
-33.75°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.5	11.0	12.2
-35°	0.0	1.1	2.3	3.4	4.6	5.7	6.9	8.0	9.3	10.8	12.1
-36.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	7.9	9.2	10.6	11.9
-37.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.7	7.8	9.0	10.4	11.7
-38.75°	0.0	1.1	2.2	3.3	4.4	5.5	6.5	7.6	8.8	10.2	11.5
-40°	0.0	1.1	2.1	3.2	4.3	5.4	6.4	7.5	8.6	9.9	11.3
-41.25°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.7	11.0
-42.5°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.5	10.8
-43.75°	0.0	1.0	2.0	3.0	4.0	5.1	6.1	7.1	8.1	9.2	10.5
-45°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	6.9	7.9	9.0	10.2
-46.25°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.8	7.7	8.8	10.0
-47.5°	0.0	0.9	1.9	2.8	3.8	4.7	5.7	6.6	7.5	8.5	9.7
-48.75°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.4	8.3	9.4
-50°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9.1
-51.25°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	6.1	7.0	7.9	8.8
-52.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	6.0	6.8	7.6	8.5
-53.75°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.6	7.4	8.2
-55°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0
-56.25°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.2	7.0	7.7
-57.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.3	6.0	6.7	7.5
-58.75°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.1	5.8	6.5	7.2
-60°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0
-61.25°	0.0	0.7	1.3	2.0	2.7	3.4	4.0	4.7	5.4	6.0	6.7
-62.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.2	5.8	6.4
-63.75°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.2
-65°	0.0	0.6	1.2	1.8	2.4	3.0	3.5	4.1	4.7	5.3	5.9
-66.25°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.6
-67.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.8	5.3
-68.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-70°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	4.8
-71.25°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0	4.5
-72.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2
-73.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.7	3.1	3.5	3.9
-75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
-76.25°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.6	3.0	3.3
-77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0



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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	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-81.25°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
-83.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
-86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P220463 (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°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
87.5°	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2
86.25°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
85°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5
83.75°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1
82.5°	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7
81.25°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
80°	2.6	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7	4.9
78.75°	3.0	3.2	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.3	5.5
77.5°	3.3	3.6	3.9	4.2	4.5	4.8	5.0	5.3	5.6	5.9	6.2
76.25°	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.2	6.5	6.8
75°	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.4	6.7	7.0	7.4
73.75°	4.3	4.7	5.0	5.4	5.8	6.2	6.5	6.9	7.2	7.6	8.0
72.5°	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6
71.25°	4.9	5.3	5.8	6.2	6.6	7.1	7.5	7.9	8.3	8.8	9.3
70°	5.2	5.7	6.2	6.6	7.1	7.5	8.0	8.4	9.0	9.5	10.1
68.75°	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.1	9.7	10.2	10.8
67.5°	5.8	6.4	6.9	7.4	7.9	8.4	9.1	9.7	10.3	10.9	11.5
66.25°	6.2	6.7	7.2	7.8	8.3	9.0	9.7	10.3	11.0	11.6	12.1
65°	6.5	7.0	7.6	8.2	8.8	9.5	10.2	10.9	11.6	12.1	12.5
63.75°	6.8	7.4	8.0	8.6	9.3	10.1	10.8	11.5	12.1	12.5	13.0
62.5°	7.1	7.7	8.3	9.1	9.8	10.6	11.4	12.0	12.5	13.0	13.4
61.25°	7.4	8.0	8.7	9.5	10.4	11.2	11.9	12.4	12.9	13.4	13.8
60°	7.6	8.3	9.2	10.0	10.8	11.7	12.3	12.8	13.3	13.7	14.2
58.75°	7.9	8.7	9.6	10.5	11.3	12.1	12.6	13.1	13.6	14.1	14.4
57.5°	8.2	9.1	10.0	10.9	11.8	12.4	12.9	13.5	14.0	14.3	14.7
56.25°	8.5	9.5	10.4	11.4	12.1	12.7	13.3	13.8	14.2	14.6	15.0
55°	8.9	9.9	10.8	11.8	12.4	13.0	13.6	14.1	14.5	14.9	15.2
53.75°	9.2	10.2	11.2	12.1	12.7	13.3	13.9	14.3	14.7	15.1	15.6
52.5°	9.5	10.6	11.6	12.4	13.0	13.6	14.1	14.5	14.9	15.3	16.1
51.25°	9.9	11.0	12.0	12.6	13.2	13.9	14.3	14.8	15.2	15.8	16.6
50°	10.2	11.3	12.2	12.9	13.5	14.1	14.5	15.0	15.4	16.3	17.1
48.75°	10.5	11.7	12.4	13.1	13.8	14.3	14.7	15.2	15.8	16.7	17.6
47.5°	10.8	12.0	12.7	13.3	14.0	14.5	14.9	15.4	16.3	17.2	18.1
46.25°	11.1	12.2	12.9	13.6	14.2	14.7	15.1	15.8	16.7	17.6	18.8
45°	11.4	12.4	13.1	13.8	14.4	14.8	15.3	16.2	17.1	18.1	19.6
43.75°	11.7	12.6	13.3	14.0	14.5	15.0	15.6	16.6	17.5	18.7	20.4
42.5°	12.0	12.7	13.5	14.2	14.7	15.2	16.0	17.0	17.9	19.5	21.2
41.25°	12.1	12.9	13.7	14.3	14.8	15.3	16.3	17.3	18.4	20.2	22.0
40°	12.3	13.1	13.9	14.5	15.0	15.6	16.7	17.7	19.1	20.9	22.7
38.75°	12.5	13.3	14.1	14.6	15.1	15.9	17.0	18.0	19.8	21.6	23.4
37.5°	12.6	13.5	14.2	14.7	15.3	16.2	17.3	18.5	20.4	22.3	24.2
36.25°	12.8	13.6	14.3	14.9	15.4	16.5	17.6	19.1	21.0	23.0	24.9
35°	12.9	13.8	14.4	15.0	15.7	16.8	17.9	19.7	21.7	23.6	25.5



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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°
33.75°	13.1	13.9	14.5	15.1	16.0	17.1	18.3	20.3	22.2	24.2	26.2
32.5°	13.2	14.1	14.6	15.2	16.2	17.4	18.8	20.8	22.8	24.8	26.8
31.25°	13.3	14.2	14.8	15.3	16.5	17.6	19.3	21.3	23.4	25.4	27.4
30°	13.5	14.3	14.9	15.5	16.7	17.9	19.8	21.8	23.9	26.0	28.1
28.75°	13.6	14.3	15.0	15.7	16.9	18.1	20.2	22.3	24.4	26.5	28.8
27.5°	13.7	14.4	15.0	15.9	17.2	18.5	20.7	22.8	24.9	27.1	29.5
26.25°	13.8	14.5	15.1	16.1	17.4	18.9	21.1	23.2	25.4	27.6	30.2
25°	13.9	14.6	15.2	16.3	17.6	19.3	21.5	23.7	25.9	28.1	30.9
23.75°	14.0	14.7	15.3	16.5	17.8	19.7	21.9	24.1	26.3	28.6	31.5
22.5°	14.1	14.7	15.4	16.7	17.9	20.0	22.2	24.5	26.7	29.2	32.1
21.25°	14.2	14.8	15.5	16.8	18.1	20.3	22.6	24.9	27.1	29.8	32.6
20°	14.2	14.9	15.7	17.0	18.4	20.6	22.9	25.2	27.5	30.3	33.2
18.75°	14.3	14.9	15.8	17.1	18.6	20.9	23.2	25.5	27.8	30.7	33.7
17.5°	14.3	15.0	15.9	17.3	18.9	21.2	23.5	25.9	28.2	31.2	34.2
16.25°	14.4	15.1	16.1	17.4	19.1	21.5	23.8	26.1	28.6	31.6	34.5
15°	14.4	15.1	16.2	17.5	19.4	21.7	24.1	26.4	29.0	32.0	34.9
13.75°	14.5	15.2	16.3	17.6	19.6	21.9	24.3	26.7	29.3	32.4	35.2
12.5°	14.5	15.2	16.4	17.7	19.7	22.1	24.5	26.9	29.6	32.7	35.4
11.25°	14.5	15.2	16.4	17.8	19.9	22.3	24.7	27.1	29.9	33.0	35.7
10°	14.6	15.3	16.5	17.9	20.1	22.5	24.9	27.3	30.2	33.3	35.9
8.75°	14.6	15.3	16.6	18.0	20.2	22.6	25.0	27.5	30.4	33.5	36.1
7.5°	14.6	15.3	16.6	18.0	20.3	22.8	25.2	27.6	30.6	33.7	36.3
6.25°	14.7	15.3	16.7	18.1	20.4	22.9	25.3	27.7	30.8	33.9	36.4
5°	14.7	15.4	16.7	18.1	20.5	22.9	25.4	27.8	30.9	34.0	36.5
3.75°	14.7	15.4	16.8	18.2	20.6	23.0	25.5	27.9	31.0	34.2	36.6
2.5°	14.7	15.4	16.8	18.2	20.6	23.1	25.5	28.0	31.1	34.2	36.7
1.25°	14.7	15.4	16.8	18.2	20.6	23.1	25.5	28.0	31.1	34.3	36.7
0°	14.7	15.4	16.8	18.2	20.6	23.1	25.5	28.0	31.1	34.3	36.7
-1.25°	14.7	15.4	16.8	18.2	20.6	23.1	25.5	28.0	31.1	34.3	36.7
-2.5°	14.7	15.4	16.8	18.2	20.6	23.1	25.5	28.0	31.1	34.2	36.7
-3.75°	14.7	15.4	16.8	18.2	20.6	23.0	25.5	27.9	31.0	34.2	36.6
-5°	14.7	15.4	16.7	18.1	20.5	22.9	25.4	27.8	30.9	34.0	36.5
-6.25°	14.7	15.3	16.7	18.1	20.4	22.9	25.3	27.7	30.8	33.9	36.4
-7.5°	14.6	15.3	16.6	18.0	20.3	22.8	25.2	27.6	30.6	33.7	36.3
-8.75°	14.6	15.3	16.6	18.0	20.2	22.6	25.0	27.5	30.4	33.5	36.1
-10°	14.6	15.3	16.5	17.9	20.1	22.5	24.9	27.3	30.2	33.3	35.9
-11.25°	14.5	15.2	16.4	17.8	19.9	22.3	24.7	27.1	29.9	33.0	35.7
-12.5°	14.5	15.2	16.4	17.7	19.7	22.1	24.5	26.9	29.6	32.7	35.4
-13.75°	14.5	15.2	16.3	17.6	19.6	21.9	24.3	26.7	29.3	32.4	35.2
-15°	14.4	15.1	16.2	17.5	19.4	21.7	24.1	26.4	29.0	32.0	34.9
-16.25°	14.4	15.1	16.1	17.4	19.1	21.5	23.8	26.1	28.6	31.6	34.5
-17.5°	14.3	15.0	15.9	17.3	18.9	21.2	23.5	25.9	28.2	31.2	34.2
-18.75°	14.3	14.9	15.8	17.1	18.6	20.9	23.2	25.5	27.8	30.7	33.7
-20°	14.2	14.9	15.7	17.0	18.4	20.6	22.9	25.2	27.5	30.3	33.2
-21.25°	14.2	14.8	15.5	16.8	18.1	20.3	22.6	24.9	27.1	29.8	32.6



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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°
-22.5°	14.1	14.7	15.4	16.7	17.9	20.0	22.2	24.5	26.7	29.2	32.1
-23.75°	14.0	14.7	15.3	16.5	17.8	19.7	21.9	24.1	26.3	28.6	31.5
-25°	13.9	14.6	15.2	16.3	17.6	19.3	21.5	23.7	25.9	28.1	30.9
-26.25°	13.8	14.5	15.1	16.1	17.4	18.9	21.1	23.2	25.4	27.6	30.2
-27.5°	13.7	14.4	15.0	15.9	17.2	18.5	20.7	22.8	24.9	27.1	29.5
-28.75°	13.6	14.3	15.0	15.7	16.9	18.1	20.2	22.3	24.4	26.5	28.8
-30°	13.5	14.3	14.9	15.5	16.7	17.9	19.8	21.8	23.9	26.0	28.1
-31.25°	13.3	14.2	14.8	15.3	16.5	17.6	19.3	21.3	23.4	25.4	27.4
-32.5°	13.2	14.1	14.6	15.2	16.2	17.4	18.8	20.8	22.8	24.8	26.8
-33.75°	13.1	13.9	14.5	15.1	16.0	17.1	18.3	20.3	22.2	24.2	26.2
-35°	12.9	13.8	14.4	15.0	15.7	16.8	17.9	19.7	21.7	23.6	25.5
-36.25°	12.8	13.6	14.3	14.9	15.4	16.5	17.6	19.1	21.0	23.0	24.9
-37.5°	12.6	13.5	14.2	14.7	15.3	16.2	17.3	18.5	20.4	22.3	24.2
-38.75°	12.5	13.3	14.1	14.6	15.1	15.9	17.0	18.0	19.8	21.6	23.4
-40°	12.3	13.1	13.9	14.5	15.0	15.6	16.7	17.7	19.1	20.9	22.7
-41.25°	12.1	12.9	13.7	14.3	14.8	15.3	16.3	17.3	18.4	20.2	22.0
-42.5°	12.0	12.7	13.5	14.2	14.7	15.2	16.0	17.0	17.9	19.5	21.2
-43.75°	11.7	12.6	13.3	14.0	14.5	15.0	15.6	16.6	17.5	18.7	20.4
-45°	11.4	12.4	13.1	13.8	14.4	14.8	15.3	16.2	17.1	18.1	19.6
-46.25°	11.1	12.2	12.9	13.6	14.2	14.7	15.1	15.8	16.7	17.6	18.8
-47.5°	10.8	12.0	12.7	13.3	14.0	14.5	14.9	15.4	16.3	17.2	18.1
-48.75°	10.5	11.7	12.4	13.1	13.8	14.3	14.7	15.2	15.8	16.7	17.6
-50°	10.2	11.3	12.2	12.9	13.5	14.1	14.5	15.0	15.4	16.3	17.1
-51.25°	9.9	11.0	12.0	12.6	13.2	13.9	14.3	14.8	15.2	15.8	16.6
-52.5°	9.5	10.6	11.6	12.4	13.0	13.6	14.1	14.5	14.9	15.3	16.1
-53.75°	9.2	10.2	11.2	12.1	12.7	13.3	13.9	14.3	14.7	15.1	15.6
-55°	8.9	9.9	10.8	11.8	12.4	13.0	13.6	14.1	14.5	14.9	15.2
-56.25°	8.5	9.5	10.4	11.4	12.1	12.7	13.3	13.8	14.2	14.6	15.0
-57.5°	8.2	9.1	10.0	10.9	11.8	12.4	12.9	13.5	14.0	14.3	14.7
-58.75°	7.9	8.7	9.6	10.5	11.3	12.1	12.6	13.1	13.6	14.1	14.4
-60°	7.6	8.3	9.2	10.0	10.8	11.7	12.3	12.8	13.3	13.7	14.2
-61.25°	7.4	8.0	8.7	9.5	10.4	11.2	11.9	12.4	12.9	13.4	13.8
-62.5°	7.1	7.7	8.3	9.1	9.8	10.6	11.4	12.0	12.5	13.0	13.4
-63.75°	6.8	7.4	8.0	8.6	9.3	10.1	10.8	11.5	12.1	12.5	13.0
-65°	6.5	7.0	7.6	8.2	8.8	9.5	10.2	10.9	11.6	12.1	12.5
-66.25°	6.2	6.7	7.2	7.8	8.3	9.0	9.7	10.3	11.0	11.6	12.1
-67.5°	5.8	6.4	6.9	7.4	7.9	8.4	9.1	9.7	10.3	10.9	11.5
-68.75°	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.1	9.7	10.2	10.8
-70°	5.2	5.7	6.2	6.6	7.1	7.5	8.0	8.4	9.0	9.5	10.1
-71.25°	4.9	5.3	5.8	6.2	6.6	7.1	7.5	7.9	8.3	8.8	9.3
-72.5°	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6
-73.75°	4.3	4.7	5.0	5.4	5.8	6.2	6.5	6.9	7.2	7.6	8.0
-75°	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.4	6.7	7.0	7.4
-76.25°	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.2	6.5	6.8
-77.5°	3.3	3.6	3.9	4.2	4.5	4.8	5.0	5.3	5.6	5.9	6.2



REPORT NUMBER: P220463 (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°	3.0	3.2	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.3	5.5
-80°	2.6	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7	4.9
-81.25°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
-82.5°	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7
-83.75°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1
-85°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5
-86.25°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
-87.5°	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2
-88.75°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	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: P220463 (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°	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
87.5°	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
86.25°	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.7
85°	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
83.75°	3.2	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.4	4.5
82.5°	3.9	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.2	5.4
81.25°	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.1	6.3
80°	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
78.75°	5.8	6.0	6.3	6.5	6.7	7.0	7.2	7.4	7.6	7.9	8.1
77.5°	6.4	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.5	8.8	9.1
76.25°	7.1	7.4	7.6	7.9	8.2	8.5	8.9	9.2	9.5	9.9	10.2
75°	7.7	8.0	8.3	8.7	9.1	9.5	9.9	10.2	10.6	11.0	11.3
73.75°	8.3	8.7	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.2
72.5°	9.1	9.5	10.0	10.5	10.9	11.4	11.8	12.1	12.4	12.6	12.9
71.25°	9.8	10.4	10.8	11.3	11.8	12.1	12.4	12.7	13.0	13.2	13.5
70°	10.6	11.2	11.7	12.1	12.4	12.7	13.0	13.3	13.6	13.9	14.1
68.75°	11.4	11.9	12.3	12.6	12.9	13.3	13.6	13.9	14.1	14.3	14.5
67.5°	12.0	12.4	12.8	13.1	13.5	13.8	14.1	14.3	14.5	14.8	15.0
66.25°	12.5	12.9	13.3	13.6	14.0	14.2	14.5	14.7	14.9	15.2	15.4
65°	13.0	13.4	13.7	14.1	14.3	14.6	14.9	15.1	15.3	15.8	16.3
63.75°	13.4	13.8	14.2	14.4	14.7	15.0	15.2	15.6	16.1	16.6	17.1
62.5°	13.8	14.2	14.5	14.8	15.0	15.3	15.8	16.3	16.9	17.4	17.9
61.25°	14.2	14.5	14.8	15.1	15.4	16.0	16.5	17.1	17.7	18.2	19.2
60°	14.5	14.8	15.1	15.4	16.1	16.7	17.3	17.9	18.6	19.6	20.6
58.75°	14.8	15.1	15.4	16.1	16.7	17.4	18.0	18.9	20.0	21.0	22.1
57.5°	15.0	15.4	16.1	16.7	17.4	18.1	19.1	20.2	21.3	22.4	23.5
56.25°	15.3	16.0	16.7	17.4	18.1	19.1	20.3	21.5	22.6	23.8	24.9
55°	15.8	16.5	17.3	18.0	19.1	20.3	21.5	22.8	24.0	25.1	26.3
53.75°	16.3	17.1	17.9	18.9	20.2	21.5	22.8	24.0	25.3	26.5	27.7
52.5°	16.9	17.7	18.6	20.0	21.3	22.6	24.0	25.3	26.5	27.8	29.3
51.25°	17.4	18.2	19.6	21.0	22.4	23.8	25.1	26.5	27.8	29.4	31.1
50°	17.9	19.2	20.6	22.1	23.5	24.9	26.3	27.7	29.3	31.1	32.8
48.75°	18.6	20.1	21.6	23.1	24.6	26.0	27.5	29.1	30.9	32.7	34.4
47.5°	19.5	21.1	22.6	24.1	25.6	27.1	28.8	30.6	32.5	34.3	35.7
46.25°	20.4	22.0	23.5	25.1	26.6	28.2	30.2	32.1	34.0	35.6	37.0
45°	21.3	22.9	24.5	26.1	27.7	29.6	31.6	33.6	35.3	36.8	38.3
43.75°	22.1	23.7	25.4	27.0	28.9	30.9	33.0	34.9	36.4	38.0	39.4
42.5°	22.9	24.6	26.3	28.0	30.1	32.2	34.3	36.0	37.6	39.2	40.3
41.25°	23.7	25.5	27.2	29.2	31.3	33.5	35.4	37.0	38.7	40.0	41.2
40°	24.5	26.3	28.1	30.3	32.5	34.7	36.4	38.1	39.6	40.8	42.0
38.75°	25.3	27.1	29.1	31.4	33.7	35.6	37.4	39.1	40.4	41.6	42.8
37.5°	26.0	27.9	30.2	32.5	34.8	36.6	38.4	39.9	41.1	42.4	43.6
36.25°	26.7	28.8	31.2	33.6	35.6	37.5	39.3	40.6	41.9	43.1	44.4
35°	27.5	29.8	32.2	34.6	36.5	38.4	39.9	41.3	42.6	43.9	45.2



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	28.2	30.7	33.2	35.4	37.3	39.2	40.6	41.9	43.3	44.6	45.9
32.5°	29.1	31.6	34.2	36.2	38.1	39.8	41.2	42.6	43.9	45.3	46.6
31.25°	29.9	32.5	34.9	36.9	38.9	40.4	41.8	43.2	44.6	46.0	47.3
30°	30.7	33.3	35.6	37.6	39.5	41.0	42.4	43.8	45.2	46.6	48.0
28.75°	31.5	34.2	36.3	38.3	40.0	41.5	43.0	44.4	45.9	47.3	48.7
27.5°	32.2	34.8	36.9	39.0	40.5	42.0	43.5	45.0	46.4	47.9	49.3
26.25°	33.0	35.4	37.5	39.5	41.0	42.5	44.0	45.5	47.0	48.4	49.8
25°	33.6	36.0	38.1	40.0	41.5	43.0	44.5	46.1	47.5	49.0	50.1
23.75°	34.3	36.5	38.7	40.4	41.9	43.5	45.0	46.6	48.1	49.5	50.5
22.5°	34.8	37.0	39.2	40.8	42.4	43.9	45.5	47.0	48.5	49.9	50.8
21.25°	35.3	37.5	39.6	41.2	42.8	44.4	45.9	47.5	49.0	50.2	51.1
20°	35.7	38.0	39.9	41.5	43.2	44.8	46.4	47.9	49.5	50.5	51.4
18.75°	36.1	38.4	40.3	41.9	43.5	45.1	46.7	48.3	49.8	50.7	51.7
17.5°	36.5	38.8	40.6	42.2	43.9	45.5	47.1	48.7	50.0	51.0	51.8
16.25°	36.9	39.2	40.9	42.5	44.2	45.8	47.4	49.0	50.2	51.2	51.9
15°	37.2	39.5	41.1	42.8	44.5	46.1	47.8	49.4	50.5	51.4	51.9
13.75°	37.5	39.7	41.4	43.1	44.7	46.4	48.0	49.6	50.7	51.7	52.0
12.5°	37.8	39.9	41.6	43.3	45.0	46.7	48.3	49.8	50.8	51.7	52.1
11.25°	38.1	40.1	41.8	43.5	45.2	46.9	48.6	50.0	51.0	51.8	52.1
10°	38.3	40.3	42.0	43.7	45.4	47.1	48.8	50.1	51.1	51.9	52.2
8.75°	38.5	40.4	42.2	43.9	45.6	47.3	49.0	50.2	51.3	51.9	52.2
7.5°	38.7	40.6	42.3	44.0	45.8	47.5	49.1	50.3	51.4	51.9	52.3
6.25°	38.9	40.7	42.4	44.2	45.9	47.6	49.3	50.4	51.5	52.0	52.3
5°	39.0	40.8	42.5	44.3	46.0	47.7	49.4	50.5	51.6	52.0	52.3
3.75°	39.1	40.9	42.6	44.3	46.1	47.8	49.5	50.6	51.6	52.0	52.4
2.5°	39.1	40.9	42.7	44.4	46.2	47.9	49.5	50.6	51.7	52.0	52.4
1.25°	39.2	40.9	42.7	44.4	46.2	47.9	49.6	50.6	51.7	52.0	52.4
0°	39.2	41.0	42.7	44.5	46.2	47.9	49.6	50.7	51.7	52.1	52.4
-1.25°	39.2	40.9	42.7	44.4	46.2	47.9	49.6	50.6	51.7	52.0	52.4
-2.5°	39.1	40.9	42.7	44.4	46.2	47.9	49.5	50.6	51.7	52.0	52.4
-3.75°	39.1	40.9	42.6	44.3	46.1	47.8	49.5	50.6	51.6	52.0	52.4
-5°	39.0	40.8	42.5	44.3	46.0	47.7	49.4	50.5	51.6	52.0	52.3
-6.25°	38.9	40.7	42.4	44.2	45.9	47.6	49.3	50.4	51.5	52.0	52.3
-7.5°	38.7	40.6	42.3	44.0	45.8	47.5	49.1	50.3	51.4	51.9	52.3
-8.75°	38.5	40.4	42.2	43.9	45.6	47.3	49.0	50.2	51.3	51.9	52.2
-10°	38.3	40.3	42.0	43.7	45.4	47.1	48.8	50.1	51.1	51.9	52.2
-11.25°	38.1	40.1	41.8	43.5	45.2	46.9	48.6	50.0	51.0	51.8	52.1
-12.5°	37.8	39.9	41.6	43.3	45.0	46.7	48.3	49.8	50.8	51.7	52.1
-13.75°	37.5	39.7	41.4	43.1	44.7	46.4	48.0	49.6	50.7	51.7	52.0
-15°	37.2	39.5	41.1	42.8	44.5	46.1	47.8	49.4	50.5	51.4	51.9
-16.25°	36.9	39.2	40.9	42.5	44.2	45.8	47.4	49.0	50.2	51.2	51.9
-17.5°	36.5	38.8	40.6	42.2	43.9	45.5	47.1	48.7	50.0	51.0	51.8
-18.75°	36.1	38.4	40.3	41.9	43.5	45.1	46.7	48.3	49.8	50.7	51.7
-20°	35.7	38.0	39.9	41.5	43.2	44.8	46.4	47.9	49.5	50.5	51.4
-21.25°	35.3	37.5	39.6	41.2	42.8	44.4	45.9	47.5	49.0	50.2	51.1





REPORT NUMBER: P220463 (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°	34.8	37.0	39.2	40.8	42.4	43.9	45.5	47.0	48.5	49.9	50.8
-23.75°	34.3	36.5	38.7	40.4	41.9	43.5	45.0	46.6	48.1	49.5	50.5
-25°	33.6	36.0	38.1	40.0	41.5	43.0	44.5	46.1	47.5	49.0	50.1
-26.25°	33.0	35.4	37.5	39.5	41.0	42.5	44.0	45.5	47.0	48.4	49.8
-27.5°	32.2	34.8	36.9	39.0	40.5	42.0	43.5	45.0	46.4	47.9	49.3
-28.75°	31.5	34.2	36.3	38.3	40.0	41.5	43.0	44.4	45.9	47.3	48.7
-30°	30.7	33.3	35.6	37.6	39.5	41.0	42.4	43.8	45.2	46.6	48.0
-31.25°	29.9	32.5	34.9	36.9	38.9	40.4	41.8	43.2	44.6	46.0	47.3
-32.5°	29.1	31.6	34.2	36.2	38.1	39.8	41.2	42.6	43.9	45.3	46.6
-33.75°	28.2	30.7	33.2	35.4	37.3	39.2	40.6	41.9	43.3	44.6	45.9
-35°	27.5	29.8	32.2	34.6	36.5	38.4	39.9	41.3	42.6	43.9	45.2
-36.25°	26.7	28.8	31.2	33.6	35.6	37.5	39.3	40.6	41.9	43.1	44.4
-37.5°	26.0	27.9	30.2	32.5	34.8	36.6	38.4	39.9	41.1	42.4	43.6
-38.75°	25.3	27.1	29.1	31.4	33.7	35.6	37.4	39.1	40.4	41.6	42.8
-40°	24.5	26.3	28.1	30.3	32.5	34.7	36.4	38.1	39.6	40.8	42.0
-41.25°	23.7	25.5	27.2	29.2	31.3	33.5	35.4	37.0	38.7	40.0	41.2
-42.5°	22.9	24.6	26.3	28.0	30.1	32.2	34.3	36.0	37.6	39.2	40.3
-43.75°	22.1	23.7	25.4	27.0	28.9	30.9	33.0	34.9	36.4	38.0	39.4
-45°	21.3	22.9	24.5	26.1	27.7	29.6	31.6	33.6	35.3	36.8	38.3
-46.25°	20.4	22.0	23.5	25.1	26.6	28.2	30.2	32.1	34.0	35.6	37.0
-47.5°	19.5	21.1	22.6	24.1	25.6	27.1	28.8	30.6	32.5	34.3	35.7
-48.75°	18.6	20.1	21.6	23.1	24.6	26.0	27.5	29.1	30.9	32.7	34.4
-50°	17.9	19.2	20.6	22.1	23.5	24.9	26.3	27.7	29.3	31.1	32.8
-51.25°	17.4	18.2	19.6	21.0	22.4	23.8	25.1	26.5	27.8	29.4	31.1
-52.5°	16.9	17.7	18.6	20.0	21.3	22.6	24.0	25.3	26.5	27.8	29.3
-53.75°	16.3	17.1	17.9	18.9	20.2	21.5	22.8	24.0	25.3	26.5	27.7
-55°	15.8	16.5	17.3	18.0	19.1	20.3	21.5	22.8	24.0	25.1	26.3
-56.25°	15.3	16.0	16.7	17.4	18.1	19.1	20.3	21.5	22.6	23.8	24.9
-57.5°	15.0	15.4	16.1	16.7	17.4	18.1	19.1	20.2	21.3	22.4	23.5
-58.75°	14.8	15.1	15.4	16.1	16.7	17.4	18.0	18.9	20.0	21.0	22.1
-60°	14.5	14.8	15.1	15.4	16.1	16.7	17.3	17.9	18.6	19.6	20.6
-61.25°	14.2	14.5	14.8	15.1	15.4	16.0	16.5	17.1	17.7	18.2	19.2
-62.5°	13.8	14.2	14.5	14.8	15.0	15.3	15.8	16.3	16.9	17.4	17.9
-63.75°	13.4	13.8	14.2	14.4	14.7	15.0	15.2	15.6	16.1	16.6	17.1
-65°	13.0	13.4	13.7	14.1	14.3	14.6	14.9	15.1	15.3	15.8	16.3
-66.25°	12.5	12.9	13.3	13.6	14.0	14.2	14.5	14.7	14.9	15.2	15.4
-67.5°	12.0	12.4	12.8	13.1	13.5	13.8	14.1	14.3	14.5	14.8	15.0
-68.75°	11.4	11.9	12.3	12.6	12.9	13.3	13.6	13.9	14.1	14.3	14.5
-70°	10.6	11.2	11.7	12.1	12.4	12.7	13.0	13.3	13.6	13.9	14.1
-71.25°	9.8	10.4	10.8	11.3	11.8	12.1	12.4	12.7	13.0	13.2	13.5
-72.5°	9.1	9.5	10.0	10.5	10.9	11.4	11.8	12.1	12.4	12.6	12.9
-73.75°	8.3	8.7	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.2
-75°	7.7	8.0	8.3	8.7	9.1	9.5	9.9	10.2	10.6	11.0	11.3
-76.25°	7.1	7.4	7.6	7.9	8.2	8.5	8.9	9.2	9.5	9.9	10.2
-77.5°	6.4	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.5	8.8	9.1



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	5.8	6.0	6.3	6.5	6.7	7.0	7.2	7.4	7.6	7.9	8.1
-80°	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
-81.25°	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.1	6.3
-82.5°	3.9	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.2	5.4
-83.75°	3.2	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.4	4.5
-85°	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
-86.25°	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.7
-87.5°	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
-88.75°	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-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: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
87.5°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3
86.25°	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.3	3.4
85°	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.4	4.4	4.5
83.75°	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.5	5.6
82.5°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.7	6.8
81.25°	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.6	7.8	7.9
80°	7.4	7.5	7.7	7.9	8.1	8.2	8.4	8.6	8.8	9.0	9.2
78.75°	8.3	8.5	8.8	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.6
77.5°	9.4	9.7	10.0	10.2	10.5	10.8	11.0	11.3	11.5	11.7	11.9
76.25°	10.5	10.8	11.1	11.4	11.7	12.0	12.1	12.3	12.5	12.6	12.8
75°	11.7	12.0	12.2	12.4	12.6	12.7	12.9	13.1	13.3	13.5	13.6
73.75°	12.4	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14.1	14.2	14.3
72.5°	13.1	13.3	13.6	13.8	14.0	14.2	14.3	14.5	14.6	14.7	14.9
71.25°	13.8	14.0	14.2	14.4	14.5	14.7	14.8	15.0	15.1	15.3	15.4
70°	14.3	14.5	14.7	14.8	15.0	15.2	15.3	15.6	15.9	16.2	16.5
68.75°	14.7	14.9	15.1	15.3	15.6	16.0	16.3	16.7	17.0	17.3	17.6
67.5°	15.2	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.0	18.5	19.1
66.25°	15.8	16.3	16.7	17.1	17.5	17.9	18.4	19.1	19.8	20.4	21.0
65°	16.7	17.2	17.6	18.1	18.7	19.5	20.2	20.9	21.6	22.3	23.0
63.75°	17.6	18.1	18.8	19.6	20.4	21.2	22.0	22.7	23.4	24.2	24.9
62.5°	18.6	19.5	20.4	21.3	22.1	22.9	23.7	24.5	25.3	26.0	26.7
61.25°	20.1	21.1	22.0	22.9	23.7	24.6	25.5	26.3	27.1	27.9	28.8
60°	21.6	22.6	23.5	24.5	25.4	26.3	27.2	28.1	29.1	30.2	31.2
58.75°	23.1	24.1	25.1	26.1	27.0	28.0	29.2	30.3	31.4	32.5	33.6
57.5°	24.6	25.6	26.6	27.7	28.9	30.1	31.3	32.5	33.7	34.8	35.6
56.25°	26.0	27.1	28.2	29.6	30.9	32.2	33.5	34.7	35.6	36.6	37.5
55°	27.5	28.8	30.2	31.6	33.0	34.3	35.4	36.4	37.4	38.4	39.3
53.75°	29.1	30.6	32.1	33.6	34.9	36.0	37.0	38.1	39.1	39.9	40.6
52.5°	30.9	32.5	34.0	35.3	36.4	37.6	38.7	39.6	40.4	41.1	41.9
51.25°	32.7	34.3	35.6	36.8	38.0	39.2	40.0	40.8	41.6	42.4	43.1
50°	34.4	35.7	37.0	38.3	39.4	40.3	41.2	42.0	42.8	43.6	44.4
48.75°	35.8	37.1	38.5	39.6	40.5	41.4	42.3	43.2	44.0	44.9	45.7
47.5°	37.1	38.5	39.7	40.7	41.6	42.5	43.4	44.3	45.2	46.1	46.9
46.25°	38.5	39.7	40.7	41.7	42.7	43.6	44.6	45.5	46.4	47.2	48.1
45°	39.6	40.7	41.7	42.7	43.7	44.7	45.7	46.6	47.5	48.4	49.3
43.75°	40.5	41.6	42.7	43.7	44.7	45.8	46.7	47.7	48.6	49.6	50.1
42.5°	41.4	42.5	43.6	44.7	45.8	46.8	47.8	48.8	49.7	50.3	50.8
41.25°	42.3	43.4	44.6	45.7	46.7	47.8	48.8	49.7	50.4	51.0	51.6
40°	43.2	44.3	45.5	46.6	47.7	48.8	49.7	50.4	51.0	51.6	51.9
38.75°	44.0	45.2	46.4	47.5	48.6	49.7	50.4	51.0	51.7	51.9	52.1
37.5°	44.9	46.1	47.2	48.4	49.6	50.3	51.0	51.6	51.9	52.1	52.3
36.25°	45.7	46.9	48.1	49.3	50.1	50.8	51.6	51.9	52.1	52.3	52.7
35°	46.5	47.7	48.9	49.9	50.7	51.4	51.8	52.1	52.3	52.7	53.2



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	47.2	48.5	49.7	50.4	51.2	51.8	52.0	52.3	52.6	53.1	53.6
32.5°	47.9	49.2	50.2	51.0	51.7	52.0	52.2	52.5	53.0	53.5	53.9
31.25°	48.7	49.8	50.6	51.4	51.9	52.1	52.4	52.9	53.4	53.9	54.1
30°	49.4	50.3	51.1	51.8	52.0	52.3	52.8	53.3	53.8	54.1	54.3
28.75°	49.9	50.7	51.5	51.9	52.2	52.6	53.1	53.6	54.0	54.2	54.5
27.5°	50.3	51.1	51.8	52.1	52.4	52.9	53.4	53.9	54.2	54.4	54.9
26.25°	50.7	51.5	51.9	52.2	52.6	53.2	53.7	54.1	54.3	54.7	55.2
25°	51.0	51.8	52.1	52.4	52.9	53.5	53.9	54.2	54.5	55.0	55.6
23.75°	51.4	51.9	52.2	52.6	53.2	53.8	54.1	54.4	54.8	55.4	55.9
22.5°	51.7	52.0	52.3	52.8	53.4	53.9	54.2	54.5	55.1	55.7	56.3
21.25°	51.8	52.1	52.5	53.1	53.7	54.1	54.4	54.8	55.4	56.0	56.6
20°	51.9	52.2	52.7	53.3	53.9	54.2	54.5	55.1	55.7	56.3	56.9
18.75°	52.0	52.3	52.9	53.5	54.0	54.3	54.7	55.3	56.0	56.6	57.2
17.5°	52.1	52.5	53.1	53.7	54.1	54.4	55.0	55.6	56.2	56.8	57.6
16.25°	52.2	52.6	53.3	53.9	54.2	54.5	55.2	55.8	56.4	57.1	58.1
15°	52.3	52.8	53.5	54.0	54.3	54.7	55.4	56.0	56.7	57.3	58.6
13.75°	52.4	53.0	53.6	54.0	54.4	54.9	55.6	56.2	56.9	57.8	59.1
12.5°	52.4	53.1	53.8	54.1	54.5	55.1	55.7	56.4	57.1	58.2	59.5
11.25°	52.6	53.2	53.9	54.2	54.6	55.2	55.9	56.6	57.2	58.5	59.8
10°	52.7	53.4	53.9	54.3	54.7	55.4	56.0	56.7	57.5	58.8	60.3
8.75°	52.8	53.5	54.0	54.3	54.8	55.5	56.2	56.9	57.8	59.1	61.1
7.5°	52.9	53.5	54.0	54.4	54.9	55.6	56.3	57.0	58.0	59.4	61.7
6.25°	52.9	53.6	54.1	54.4	55.0	55.7	56.4	57.1	58.2	59.6	62.3
5°	53.0	53.7	54.1	54.4	55.1	55.8	56.5	57.2	58.4	59.8	62.8
3.75°	53.0	53.7	54.1	54.5	55.1	55.8	56.5	57.2	58.5	59.9	63.1
2.5°	53.1	53.8	54.1	54.5	55.2	55.9	56.6	57.3	58.6	60.0	63.4
1.25°	53.1	53.8	54.1	54.5	55.2	55.9	56.6	57.3	58.7	60.1	63.5
0°	53.1	53.8	54.2	54.5	55.2	55.9	56.6	57.3	58.7	60.1	63.6
-1.25°	53.1	53.8	54.1	54.5	55.2	55.9	56.6	57.3	58.7	60.1	63.5
-2.5°	53.1	53.8	54.1	54.5	55.2	55.9	56.6	57.3	58.6	60.0	63.4
-3.75°	53.0	53.7	54.1	54.5	55.1	55.8	56.5	57.2	58.5	59.9	63.1
-5°	53.0	53.7	54.1	54.4	55.1	55.8	56.5	57.2	58.4	59.8	62.8
-6.25°	52.9	53.6	54.1	54.4	55.0	55.7	56.4	57.1	58.2	59.6	62.3
-7.5°	52.9	53.5	54.0	54.4	54.9	55.6	56.3	57.0	58.0	59.4	61.7
-8.75°	52.8	53.5	54.0	54.3	54.8	55.5	56.2	56.9	57.8	59.1	61.1
-10°	52.7	53.4	53.9	54.3	54.7	55.4	56.0	56.7	57.5	58.8	60.3
-11.25°	52.6	53.2	53.9	54.2	54.6	55.2	55.9	56.6	57.2	58.5	59.8
-12.5°	52.4	53.1	53.8	54.1	54.5	55.1	55.7	56.4	57.1	58.2	59.5
-13.75°	52.4	53.0	53.6	54.0	54.4	54.9	55.6	56.2	56.9	57.8	59.1
-15°	52.3	52.8	53.5	54.0	54.3	54.7	55.4	56.0	56.7	57.3	58.6
-16.25°	52.2	52.6	53.3	53.9	54.2	54.5	55.2	55.8	56.4	57.1	58.1
-17.5°	52.1	52.5	53.1	53.7	54.1	54.4	55.0	55.6	56.2	56.8	57.6
-18.75°	52.0	52.3	52.9	53.5	54.0	54.3	54.7	55.3	56.0	56.6	57.2
-20°	51.9	52.2	52.7	53.3	53.9	54.2	54.5	55.1	55.7	56.3	56.9
-21.25°	51.8	52.1	52.5	53.1	53.7	54.1	54.4	54.8	55.4	56.0	56.6



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	51.7	52.0	52.3	52.8	53.4	53.9	54.2	54.5	55.1	55.7	56.3
-23.75°	51.4	51.9	52.2	52.6	53.2	53.8	54.1	54.4	54.8	55.4	55.9
-25°	51.0	51.8	52.1	52.4	52.9	53.5	53.9	54.2	54.5	55.0	55.6
-26.25°	50.7	51.5	51.9	52.2	52.6	53.2	53.7	54.1	54.3	54.7	55.2
-27.5°	50.3	51.1	51.8	52.1	52.4	52.9	53.4	53.9	54.2	54.4	54.9
-28.75°	49.9	50.7	51.5	51.9	52.2	52.6	53.1	53.6	54.0	54.2	54.5
-30°	49.4	50.3	51.1	51.8	52.0	52.3	52.8	53.3	53.8	54.1	54.3
-31.25°	48.7	49.8	50.6	51.4	51.9	52.1	52.4	52.9	53.4	53.9	54.1
-32.5°	47.9	49.2	50.2	51.0	51.7	52.0	52.2	52.5	53.0	53.5	53.9
-33.75°	47.2	48.5	49.7	50.4	51.2	51.8	52.0	52.3	52.6	53.1	53.6
-35°	46.5	47.7	48.9	49.9	50.7	51.4	51.8	52.1	52.3	52.7	53.2
-36.25°	45.7	46.9	48.1	49.3	50.1	50.8	51.6	51.9	52.1	52.3	52.7
-37.5°	44.9	46.1	47.2	48.4	49.6	50.3	51.0	51.6	51.9	52.1	52.3
-38.75°	44.0	45.2	46.4	47.5	48.6	49.7	50.4	51.0	51.7	51.9	52.1
-40°	43.2	44.3	45.5	46.6	47.7	48.8	49.7	50.4	51.0	51.6	51.9
-41.25°	42.3	43.4	44.6	45.7	46.7	47.8	48.8	49.7	50.4	51.0	51.6
-42.5°	41.4	42.5	43.6	44.7	45.8	46.8	47.8	48.8	49.7	50.3	50.8
-43.75°	40.5	41.6	42.7	43.7	44.7	45.8	46.7	47.7	48.6	49.6	50.1
-45°	39.6	40.7	41.7	42.7	43.7	44.7	45.7	46.6	47.5	48.4	49.3
-46.25°	38.5	39.7	40.7	41.7	42.7	43.6	44.6	45.5	46.4	47.2	48.1
-47.5°	37.1	38.5	39.7	40.7	41.6	42.5	43.4	44.3	45.2	46.1	46.9
-48.75°	35.8	37.1	38.5	39.6	40.5	41.4	42.3	43.2	44.0	44.9	45.7
-50°	34.4	35.7	37.0	38.3	39.4	40.3	41.2	42.0	42.8	43.6	44.4
-51.25°	32.7	34.3	35.6	36.8	38.0	39.2	40.0	40.8	41.6	42.4	43.1
-52.5°	30.9	32.5	34.0	35.3	36.4	37.6	38.7	39.6	40.4	41.1	41.9
-53.75°	29.1	30.6	32.1	33.6	34.9	36.0	37.0	38.1	39.1	39.9	40.6
-55°	27.5	28.8	30.2	31.6	33.0	34.3	35.4	36.4	37.4	38.4	39.3
-56.25°	26.0	27.1	28.2	29.6	30.9	32.2	33.5	34.7	35.6	36.6	37.5
-57.5°	24.6	25.6	26.6	27.7	28.9	30.1	31.3	32.5	33.7	34.8	35.6
-58.75°	23.1	24.1	25.1	26.1	27.0	28.0	29.2	30.3	31.4	32.5	33.6
-60°	21.6	22.6	23.5	24.5	25.4	26.3	27.2	28.1	29.1	30.2	31.2
-61.25°	20.1	21.1	22.0	22.9	23.7	24.6	25.5	26.3	27.1	27.9	28.8
-62.5°	18.6	19.5	20.4	21.3	22.1	22.9	23.7	24.5	25.3	26.0	26.7
-63.75°	17.6	18.1	18.8	19.6	20.4	21.2	22.0	22.7	23.4	24.2	24.9
-65°	16.7	17.2	17.6	18.1	18.7	19.5	20.2	20.9	21.6	22.3	23.0
-66.25°	15.8	16.3	16.7	17.1	17.5	17.9	18.4	19.1	19.8	20.4	21.0
-67.5°	15.2	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.0	18.5	19.1
-68.75°	14.7	14.9	15.1	15.3	15.6	16.0	16.3	16.7	17.0	17.3	17.6
-70°	14.3	14.5	14.7	14.8	15.0	15.2	15.3	15.6	15.9	16.2	16.5
-71.25°	13.8	14.0	14.2	14.4	14.5	14.7	14.8	15.0	15.1	15.3	15.4
-72.5°	13.1	13.3	13.6	13.8	14.0	14.2	14.3	14.5	14.6	14.7	14.9
-73.75°	12.4	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14.1	14.2	14.3
-75°	11.7	12.0	12.2	12.4	12.6	12.7	12.9	13.1	13.3	13.5	13.6
-76.25°	10.5	10.8	11.1	11.4	11.7	12.0	12.1	12.3	12.5	12.6	12.8
-77.5°	9.4	9.7	10.0	10.2	10.5	10.8	11.0	11.3	11.5	11.7	11.9



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	8.3	8.5	8.8	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.6
-80°	7.4	7.5	7.7	7.9	8.1	8.2	8.4	8.6	8.8	9.0	9.2
-81.25°	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.6	7.8	7.9
-82.5°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.7	6.8
-83.75°	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.5	5.6
-85°	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.4	4.4	4.5
-86.25°	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.3	3.4
-87.5°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3
-88.75°	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
87.5°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6
86.25°	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9
85°	4.6	4.7	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2
83.75°	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.5
82.5°	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.8
81.25°	8.0	8.1	8.3	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2
80°	9.3	9.5	9.7	9.9	10.0	10.2	10.3	10.4	10.6	10.7	10.8
78.75°	10.8	11.0	11.2	11.3	11.5	11.7	11.9	12.0	12.1	12.1	12.2
77.5°	12.1	12.2	12.3	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2
76.25°	12.9	13.1	13.2	13.3	13.5	13.6	13.7	13.8	13.9	14.0	14.1
75°	13.8	13.9	14.1	14.2	14.3	14.3	14.4	14.5	14.6	14.7	14.7
73.75°	14.4	14.5	14.6	14.8	14.9	15.0	15.0	15.1	15.2	15.3	15.4
72.5°	15.0	15.1	15.2	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7
71.25°	15.7	16.0	16.2	16.5	16.7	16.9	17.2	17.4	17.6	17.8	17.9
70°	16.8	17.1	17.4	17.6	17.9	18.1	18.5	18.9	19.3	19.7	20.0
68.75°	17.9	18.3	18.8	19.3	19.8	20.2	20.7	21.1	21.5	21.9	22.2
67.5°	19.7	20.3	20.8	21.3	21.8	22.3	22.8	23.2	23.7	24.1	24.5
66.25°	21.7	22.2	22.8	23.4	23.9	24.4	24.9	25.4	25.9	26.3	26.7
65°	23.6	24.2	24.8	25.4	26.0	26.5	27.1	27.6	28.1	28.6	29.2
63.75°	25.5	26.2	26.8	27.4	28.1	28.8	29.5	30.2	30.9	31.5	32.1
62.5°	27.5	28.2	29.1	29.9	30.7	31.5	32.2	33.0	33.6	34.3	34.8
61.25°	29.8	30.7	31.6	32.5	33.3	34.2	34.8	35.4	36.0	36.5	37.0
60°	32.2	33.2	34.2	34.9	35.6	36.3	36.9	37.5	38.1	38.7	39.2
58.75°	34.6	35.4	36.2	36.9	37.6	38.3	39.0	39.5	40.0	40.4	40.8
57.5°	36.5	37.3	38.1	38.9	39.5	40.0	40.5	41.0	41.5	41.9	42.4
56.25°	38.4	39.2	39.8	40.4	41.0	41.5	42.0	42.5	43.0	43.5	43.9
55°	39.9	40.6	41.2	41.8	42.4	43.0	43.5	44.0	44.5	45.0	45.5
53.75°	41.3	41.9	42.6	43.2	43.8	44.4	45.0	45.5	46.1	46.6	47.0
52.5°	42.6	43.3	43.9	44.6	45.2	45.9	46.4	47.0	47.5	48.1	48.5
51.25°	43.9	44.6	45.3	46.0	46.6	47.3	47.9	48.4	49.0	49.5	49.9
50°	45.2	45.9	46.6	47.3	48.0	48.7	49.3	49.8	50.1	50.5	50.8
48.75°	46.5	47.2	47.9	48.7	49.4	49.9	50.3	50.7	51.0	51.4	51.7
47.5°	47.7	48.5	49.2	49.8	50.3	50.7	51.1	51.5	51.8	51.9	52.0
46.25°	48.9	49.7	50.2	50.6	51.1	51.5	51.8	51.9	52.1	52.2	52.3
45°	49.9	50.4	51.0	51.4	51.8	51.9	52.1	52.2	52.4	52.6	52.8
43.75°	50.7	51.2	51.7	51.9	52.0	52.2	52.4	52.6	52.9	53.2	53.4
42.5°	51.4	51.8	52.0	52.1	52.3	52.6	52.9	53.2	53.5	53.8	53.9
41.25°	51.8	52.0	52.2	52.4	52.8	53.1	53.4	53.7	53.9	54.1	54.2
40°	52.1	52.3	52.5	52.9	53.3	53.6	53.9	54.1	54.2	54.4	54.5
38.75°	52.3	52.6	53.0	53.4	53.8	54.0	54.2	54.3	54.5	54.8	55.1
37.5°	52.7	53.1	53.5	53.9	54.1	54.2	54.4	54.7	55.0	55.4	55.7
36.25°	53.2	53.6	53.9	54.1	54.3	54.5	54.9	55.2	55.6	55.9	56.3
35°	53.6	53.9	54.1	54.3	54.6	55.0	55.4	55.8	56.1	56.5	56.8



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	53.9	54.1	54.4	54.7	55.1	55.5	55.9	56.3	56.7	57.1	57.5
32.5°	54.1	54.4	54.7	55.1	55.6	56.0	56.4	56.8	57.2	57.9	58.6
31.25°	54.3	54.7	55.1	55.6	56.0	56.5	56.9	57.4	58.2	59.0	59.7
30°	54.6	55.1	55.6	56.0	56.5	57.0	57.5	58.4	59.2	60.0	61.9
28.75°	55.0	55.5	56.0	56.5	57.0	57.6	58.5	59.4	60.4	62.5	64.6
27.5°	55.4	55.9	56.4	56.9	57.5	58.5	59.4	60.7	62.9	65.1	67.4
26.25°	55.8	56.3	56.8	57.4	58.4	59.4	60.7	63.0	65.3	68.5	74.9
25°	56.1	56.7	57.2	58.2	59.2	60.4	62.9	65.3	68.9	75.6	82.2
23.75°	56.5	57.1	57.9	59.0	60.0	62.5	65.1	68.5	75.6	82.6	89.5
22.5°	56.8	57.5	58.6	59.7	61.9	64.6	67.4	74.9	82.2	89.5	97.0
21.25°	57.2	58.2	59.3	61.0	63.8	66.5	73.3	81.0	88.6	96.5	104.2
20°	57.7	58.8	60.0	62.8	65.6	70.9	79.0	86.9	95.1	103.3	111.9
18.75°	58.3	59.5	61.5	64.4	67.8	76.2	84.4	92.9	101.4	110.0	121.1
17.5°	58.8	60.1	63.0	66.0	72.7	81.2	89.8	98.7	107.4	118.1	142.5
16.25°	59.4	61.4	64.5	68.4	77.2	85.9	95.1	104.2	114.4	134.4	179.7
15°	59.9	62.7	65.8	72.5	81.5	90.6	100.1	109.5	123.0	157.9	226.1
13.75°	60.7	63.9	67.2	76.4	85.5	95.1	104.7	115.8	139.8	196.1	280.5
12.5°	61.8	65.1	70.6	79.9	89.4	99.2	109.1	123.7	163.2	239.2	337.5
11.25°	62.8	66.1	73.7	83.2	93.0	103.1	114.2	137.4	194.7	284.0	392.7
10°	63.7	67.0	76.5	86.1	96.3	106.5	118.9	151.2	227.6	329.9	444.8
8.75°	64.5	69.2	79.0	88.9	99.2	109.7	127.3	175.6	262.5	373.0	491.8
7.5°	65.2	71.3	81.2	91.3	101.8	113.2	136.7	197.1	293.1	411.5	534.1
6.25°	65.7	73.1	83.1	93.4	104.0	116.2	144.7	216.9	323.5	445.2	570.4
5°	66.2	74.6	84.6	95.1	105.8	118.7	154.1	237.5	349.1	473.2	600.6
3.75°	66.6	75.8	85.8	96.5	107.3	121.1	165.4	253.7	369.1	495.1	622.8
2.5°	66.9	76.6	86.7	97.5	108.3	124.6	173.5	265.3	383.5	511.2	638.6
1.25°	67.0	77.1	87.2	98.1	108.9	126.7	178.4	272.3	392.2	520.9	648.2
0°	67.1	77.3	87.4	98.3	109.1	127.5	180.1	274.7	395.1	524.1	651.4
-1.25°	67.0	77.1	87.2	98.1	108.9	126.7	178.4	272.3	392.2	520.9	648.2
-2.5°	66.9	76.6	86.7	97.5	108.3	124.6	173.5	265.3	383.5	511.2	638.6
-3.75°	66.6	75.8	85.8	96.5	107.3	121.1	165.4	253.7	369.1	495.1	622.8
-5°	66.2	74.6	84.6	95.1	105.8	118.7	154.1	237.5	349.1	473.2	600.6
-6.25°	65.7	73.1	83.1	93.4	104.0	116.2	144.7	216.9	323.5	445.2	570.4
-7.5°	65.2	71.3	81.2	91.3	101.8	113.2	136.7	197.1	293.1	411.5	534.1
-8.75°	64.5	69.2	79.0	88.9	99.2	109.7	127.3	175.6	262.5	373.0	491.8
-10°	63.7	67.0	76.5	86.1	96.3	106.5	118.9	151.2	227.6	329.9	444.8
-11.25°	62.8	66.1	73.7	83.2	93.0	103.1	114.2	137.4	194.7	284.0	392.7
-12.5°	61.8	65.1	70.6	79.9	89.4	99.2	109.1	123.7	163.2	239.2	337.5
-13.75°	60.7	63.9	67.2	76.4	85.5	95.1	104.7	115.8	139.8	196.1	280.5
-15°	59.9	62.7	65.8	72.5	81.5	90.6	100.1	109.5	123.0	157.9	226.1
-16.25°	59.4	61.4	64.5	68.4	77.2	85.9	95.1	104.2	114.4	134.4	179.7
-17.5°	58.8	60.1	63.0	66.0	72.7	81.2	89.8	98.7	107.4	118.1	142.5
-18.75°	58.3	59.5	61.5	64.4	67.8	76.2	84.4	92.9	101.4	110.0	121.1
-20°	57.7	58.8	60.0	62.8	65.6	70.9	79.0	86.9	95.1	103.3	111.9
-21.25°	57.2	58.2	59.3	61.0	63.8	66.5	73.3	81.0	88.6	96.5	104.2





REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	56.8	57.5	58.6	59.7	61.9	64.6	67.4	74.9	82.2	89.5	97.0
-23.75°	56.5	57.1	57.9	59.0	60.0	62.5	65.1	68.5	75.6	82.6	89.5
-25°	56.1	56.7	57.2	58.2	59.2	60.4	62.9	65.3	68.9	75.6	82.2
-26.25°	55.8	56.3	56.8	57.4	58.4	59.4	60.7	63.0	65.3	68.5	74.9
-27.5°	55.4	55.9	56.4	56.9	57.5	58.5	59.4	60.7	62.9	65.1	67.4
-28.75°	55.0	55.5	56.0	56.5	57.0	57.6	58.5	59.4	60.4	62.5	64.6
-30°	54.6	55.1	55.6	56.0	56.5	57.0	57.5	58.4	59.2	60.0	61.9
-31.25°	54.3	54.7	55.1	55.6	56.0	56.5	56.9	57.4	58.2	59.0	59.7
-32.5°	54.1	54.4	54.7	55.1	55.6	56.0	56.4	56.8	57.2	57.9	58.6
-33.75°	53.9	54.1	54.4	54.7	55.1	55.5	55.9	56.3	56.7	57.1	57.5
-35°	53.6	53.9	54.1	54.3	54.6	55.0	55.4	55.8	56.1	56.5	56.8
-36.25°	53.2	53.6	53.9	54.1	54.3	54.5	54.9	55.2	55.6	55.9	56.3
-37.5°	52.7	53.1	53.5	53.9	54.1	54.2	54.4	54.7	55.0	55.4	55.7
-38.75°	52.3	52.6	53.0	53.4	53.8	54.0	54.2	54.3	54.5	54.8	55.1
-40°	52.1	52.3	52.5	52.9	53.3	53.6	53.9	54.1	54.2	54.4	54.5
-41.25°	51.8	52.0	52.2	52.4	52.8	53.1	53.4	53.7	53.9	54.1	54.2
-42.5°	51.4	51.8	52.0	52.1	52.3	52.6	52.9	53.2	53.5	53.8	53.9
-43.75°	50.7	51.2	51.7	51.9	52.0	52.2	52.4	52.6	52.9	53.2	53.4
-45°	49.9	50.4	51.0	51.4	51.8	51.9	52.1	52.2	52.4	52.6	52.8
-46.25°	48.9	49.7	50.2	50.6	51.1	51.5	51.8	51.9	52.1	52.2	52.3
-47.5°	47.7	48.5	49.2	49.8	50.3	50.7	51.1	51.5	51.8	51.9	52.0
-48.75°	46.5	47.2	47.9	48.7	49.4	49.9	50.3	50.7	51.0	51.4	51.7
-50°	45.2	45.9	46.6	47.3	48.0	48.7	49.3	49.8	50.1	50.5	50.8
-51.25°	43.9	44.6	45.3	46.0	46.6	47.3	47.9	48.4	49.0	49.5	49.9
-52.5°	42.6	43.3	43.9	44.6	45.2	45.9	46.4	47.0	47.5	48.1	48.5
-53.75°	41.3	41.9	42.6	43.2	43.8	44.4	45.0	45.5	46.1	46.6	47.0
-55°	39.9	40.6	41.2	41.8	42.4	43.0	43.5	44.0	44.5	45.0	45.5
-56.25°	38.4	39.2	39.8	40.4	41.0	41.5	42.0	42.5	43.0	43.5	43.9
-57.5°	36.5	37.3	38.1	38.9	39.5	40.0	40.5	41.0	41.5	41.9	42.4
-58.75°	34.6	35.4	36.2	36.9	37.6	38.3	39.0	39.5	40.0	40.4	40.8
-60°	32.2	33.2	34.2	34.9	35.6	36.3	36.9	37.5	38.1	38.7	39.2
-61.25°	29.8	30.7	31.6	32.5	33.3	34.2	34.8	35.4	36.0	36.5	37.0
-62.5°	27.5	28.2	29.1	29.9	30.7	31.5	32.2	33.0	33.6	34.3	34.8
-63.75°	25.5	26.2	26.8	27.4	28.1	28.8	29.5	30.2	30.9	31.5	32.1
-65°	23.6	24.2	24.8	25.4	26.0	26.5	27.1	27.6	28.1	28.6	29.2
-66.25°	21.7	22.2	22.8	23.4	23.9	24.4	24.9	25.4	25.9	26.3	26.7
-67.5°	19.7	20.3	20.8	21.3	21.8	22.3	22.8	23.2	23.7	24.1	24.5
-68.75°	17.9	18.3	18.8	19.3	19.8	20.2	20.7	21.1	21.5	21.9	22.2
-70°	16.8	17.1	17.4	17.6	17.9	18.1	18.5	18.9	19.3	19.7	20.0
-71.25°	15.7	16.0	16.2	16.5	16.7	16.9	17.2	17.4	17.6	17.8	17.9
-72.5°	15.0	15.1	15.2	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7
-73.75°	14.4	14.5	14.6	14.8	14.9	15.0	15.0	15.1	15.2	15.3	15.4
-75°	13.8	13.9	14.1	14.2	14.3	14.3	14.4	14.5	14.6	14.7	14.7
-76.25°	12.9	13.1	13.2	13.3	13.5	13.6	13.7	13.8	13.9	14.0	14.1
-77.5°	12.1	12.2	12.3	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	10.8	11.0	11.2	11.3	11.5	11.7	11.9	12.0	12.1	12.1	12.2
-80°	9.3	9.5	9.7	9.9	10.0	10.2	10.3	10.4	10.6	10.7	10.8
-81.25°	8.0	8.1	8.3	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2
-82.5°	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.8
-83.75°	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.5
-85°	4.6	4.7	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2
-86.25°	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9
-87.5°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6
-88.75°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8
86.25°	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
85°	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.5	5.5	5.5	5.5
83.75°	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9
82.5°	7.8	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.2	8.3	8.3
81.25°	9.3	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0
80°	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.7
78.75°	12.3	12.4	12.4	12.5	12.6	12.6	12.7	12.7	12.8	12.8	12.8
77.5°	13.3	13.4	13.4	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.9
76.25°	14.2	14.2	14.3	14.3	14.4	14.4	14.5	14.5	14.5	14.6	14.6
75°	14.8	14.9	14.9	15.0	15.1	15.1	15.2	15.2	15.2	15.3	15.3
73.75°	15.5	15.7	15.8	15.9	16.1	16.2	16.3	16.4	16.4	16.5	16.6
72.5°	16.8	17.0	17.1	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0
71.25°	18.1	18.4	18.6	18.9	19.1	19.4	19.6	19.7	19.9	20.1	20.2
70°	20.3	20.6	20.9	21.2	21.5	21.7	21.9	22.1	22.3	22.5	22.6
68.75°	22.6	22.9	23.2	23.5	23.8	24.1	24.3	24.5	24.7	24.9	25.0
67.5°	24.9	25.2	25.5	25.9	26.1	26.4	26.7	26.9	27.1	27.3	27.5
66.25°	27.1	27.5	27.8	28.2	28.6	29.0	29.3	29.6	29.9	30.2	30.4
65°	29.8	30.3	30.7	31.2	31.6	32.0	32.4	32.7	33.0	33.3	33.5
63.75°	32.6	33.2	33.7	34.2	34.5	34.9	35.2	35.4	35.7	35.9	36.1
62.5°	35.3	35.7	36.1	36.5	36.9	37.2	37.5	37.8	38.1	38.3	38.5
61.25°	37.5	38.0	38.4	38.8	39.2	39.5	39.7	39.9	40.1	40.3	40.4
60°	39.6	39.9	40.3	40.6	40.9	41.1	41.4	41.6	41.8	42.0	42.2
58.75°	41.2	41.5	41.9	42.2	42.5	42.8	43.1	43.3	43.5	43.7	43.9
57.5°	42.8	43.2	43.5	43.9	44.2	44.5	44.7	45.0	45.2	45.4	45.6
56.25°	44.4	44.8	45.1	45.5	45.8	46.1	46.4	46.7	46.9	47.1	47.3
55°	45.9	46.4	46.7	47.1	47.4	47.8	48.0	48.3	48.6	48.8	49.0
53.75°	47.5	47.9	48.3	48.7	49.0	49.4	49.6	49.8	50.0	50.1	50.2
52.5°	49.0	49.5	49.8	50.0	50.2	50.5	50.7	50.8	51.0	51.1	51.3
51.25°	50.2	50.5	50.7	51.0	51.2	51.4	51.7	51.7	51.8	51.9	51.9
50°	51.1	51.4	51.7	51.8	51.9	51.9	52.0	52.1	52.1	52.2	52.2
48.75°	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.4	52.6	52.7	52.8
47.5°	52.1	52.2	52.3	52.5	52.6	52.8	53.0	53.1	53.2	53.4	53.5
46.25°	52.5	52.7	52.9	53.1	53.3	53.5	53.6	53.8	53.9	53.9	54.0
45°	53.1	53.3	53.5	53.7	53.9	54.0	54.0	54.1	54.2	54.3	54.3
43.75°	53.7	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8
42.5°	54.1	54.2	54.3	54.4	54.5	54.7	54.9	55.1	55.2	55.4	55.5
41.25°	54.4	54.5	54.7	55.0	55.2	55.4	55.6	55.7	55.9	56.0	56.2
40°	54.8	55.1	55.3	55.6	55.8	56.0	56.2	56.4	56.6	56.7	56.9
38.75°	55.4	55.7	56.0	56.2	56.4	56.7	56.9	57.1	57.2	57.5	57.8
37.5°	56.0	56.3	56.6	56.8	57.1	57.3	57.8	58.2	58.5	58.8	59.1
36.25°	56.6	56.9	57.2	57.6	58.1	58.6	59.1	59.5	59.8	60.3	61.1
35°	57.2	57.7	58.3	58.8	59.4	59.9	60.7	61.8	62.8	63.7	64.5



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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°	58.2	58.8	59.5	60.1	61.4	62.7	63.9	65.1	66.1	67.0	69.2
32.5°	59.3	60.0	61.5	63.0	64.5	65.8	67.2	70.6	73.7	76.5	79.0
31.25°	61.0	62.8	64.4	66.0	68.4	72.5	76.4	79.9	83.2	86.1	88.9
30°	63.8	65.6	67.8	72.7	77.2	81.5	85.5	89.4	93.0	96.3	99.2
28.75°	66.5	70.9	76.2	81.2	85.9	90.6	95.1	99.2	103.1	106.5	109.7
27.5°	73.3	79.0	84.4	89.8	95.1	100.1	104.7	109.1	114.2	118.9	127.3
26.25°	81.0	86.9	92.9	98.7	104.2	109.5	115.8	123.7	137.4	151.2	175.6
25°	88.6	95.1	101.4	107.4	114.4	123.0	139.8	163.2	194.7	227.6	262.5
23.75°	96.5	103.3	110.0	118.1	134.4	157.9	196.1	239.2	284.0	329.9	373.0
22.5°	104.2	111.9	121.1	142.5	179.7	226.1	280.5	337.5	392.7	444.8	491.8
21.25°	112.5	124.3	147.5	194.5	251.8	314.8	381.5	445.9	506.1	562.3	612.2
20°	124.3	149.5	201.9	267.3	339.7	414.2	486.6	555.8	619.0	673.8	720.4
18.75°	147.5	201.9	272.5	352.3	434.3	514.5	591.9	660.2	720.1	770.6	812.4
17.5°	194.5	267.3	352.3	441.0	528.7	613.0	688.1	751.4	806.2	852.9	902.4
16.25°	251.8	339.7	434.3	528.7	619.8	701.9	770.5	829.2	887.1	946.0	1017.7
15°	314.8	414.2	514.5	613.0	701.9	776.9	840.8	908.6	985.5	1070.5	1168.9
13.75°	381.5	486.6	591.9	688.1	770.5	840.8	915.9	1005.8	1111.0	1226.9	1355.7
12.5°	445.9	555.8	660.2	751.4	829.2	908.6	1005.8	1124.6	1261.9	1412.3	1581.4
11.25°	506.1	619.0	720.1	806.2	887.1	985.5	1111.0	1261.9	1435.1	1629.2	1828.9
10°	562.3	673.8	770.6	852.9	946.0	1070.5	1226.9	1412.3	1629.2	1857.0	2088.1
8.75°	612.2	720.4	812.4	902.4	1017.7	1168.9	1355.7	1581.4	1828.9	2088.1	2344.7
7.5°	653.6	758.7	848.0	947.6	1087.0	1266.6	1487.8	1745.8	2023.2	2308.5	2595.7
6.25°	689.3	790.9	882.6	1000.0	1159.0	1361.3	1613.3	1896.7	2202.1	2513.2	2831.2
5°	716.5	814.9	913.1	1043.9	1220.0	1450.0	1728.7	2035.8	2359.6	2698.5	3039.4
3.75°	736.9	833.9	937.3	1082.4	1278.9	1528.2	1822.5	2147.8	2490.2	2851.5	3208.8
2.5°	751.6	847.6	957.4	1114.7	1321.6	1585.1	1891.8	2232.4	2591.0	2966.0	3335.8
1.25°	760.5	855.9	971.6	1134.3	1347.5	1619.7	1937.4	2284.4	2652.8	3036.7	3414.4
0°	763.4	858.7	976.4	1140.9	1356.2	1631.3	1952.7	2302.0	2673.7	3060.6	3441.0
-1.25°	760.5	855.9	971.6	1134.3	1347.5	1619.7	1937.4	2284.4	2652.8	3036.7	3414.4
-2.5°	751.6	847.6	957.4	1114.7	1321.6	1585.1	1891.8	2232.4	2591.0	2966.0	3335.8
-3.75°	736.9	833.9	937.3	1082.4	1278.9	1528.2	1822.5	2147.8	2490.2	2851.5	3208.8
-5°	716.5	814.9	913.1	1043.9	1220.0	1450.0	1728.7	2035.8	2359.6	2698.5	3039.4
-6.25°	689.3	790.9	882.6	1000.0	1159.0	1361.3	1613.3	1896.7	2202.1	2513.2	2831.2
-7.5°	653.6	758.7	848.0	947.6	1087.0	1266.6	1487.8	1745.8	2023.2	2308.5	2595.7
-8.75°	612.2	720.4	812.4	902.4	1017.7	1168.9	1355.7	1581.4	1828.9	2088.1	2344.7
-10°	562.3	673.8	770.6	852.9	946.0	1070.5	1226.9	1412.3	1629.2	1857.0	2088.1
-11.25°	506.1	619.0	720.1	806.2	887.1	985.5	1111.0	1261.9	1435.1	1629.2	1828.9
-12.5°	445.9	555.8	660.2	751.4	829.2	908.6	1005.8	1124.6	1261.9	1412.3	1581.4
-13.75°	381.5	486.6	591.9	688.1	770.5	840.8	915.9	1005.8	1111.0	1226.9	1355.7
-15°	314.8	414.2	514.5	613.0	701.9	776.9	840.8	908.6	985.5	1070.5	1168.9
-16.25°	251.8	339.7	434.3	528.7	619.8	701.9	770.5	829.2	887.1	946.0	1017.7
-17.5°	194.5	267.3	352.3	441.0	528.7	613.0	688.1	751.4	806.2	852.9	902.4
-18.75°	147.5	201.9	272.5	352.3	434.3	514.5	591.9	660.2	720.1	770.6	812.4
-20°	124.3	149.5	201.9	267.3	339.7	414.2	486.6	555.8	619.0	673.8	720.4
-21.25°	112.5	124.3	147.5	194.5	251.8	314.8	381.5	445.9	506.1	562.3	612.2



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	104.2	111.9	121.1	142.5	179.7	226.1	280.5	337.5	392.7	444.8	491.8
-23.75°	96.5	103.3	110.0	118.1	134.4	157.9	196.1	239.2	284.0	329.9	373.0
-25°	88.6	95.1	101.4	107.4	114.4	123.0	139.8	163.2	194.7	227.6	262.5
-26.25°	81.0	86.9	92.9	98.7	104.2	109.5	115.8	123.7	137.4	151.2	175.6
-27.5°	73.3	79.0	84.4	89.8	95.1	100.1	104.7	109.1	114.2	118.9	127.3
-28.75°	66.5	70.9	76.2	81.2	85.9	90.6	95.1	99.2	103.1	106.5	109.7
-30°	63.8	65.6	67.8	72.7	77.2	81.5	85.5	89.4	93.0	96.3	99.2
-31.25°	61.0	62.8	64.4	66.0	68.4	72.5	76.4	79.9	83.2	86.1	88.9
-32.5°	59.3	60.0	61.5	63.0	64.5	65.8	67.2	70.6	73.7	76.5	79.0
-33.75°	58.2	58.8	59.5	60.1	61.4	62.7	63.9	65.1	66.1	67.0	69.2
-35°	57.2	57.7	58.3	58.8	59.4	59.9	60.7	61.8	62.8	63.7	64.5
-36.25°	56.6	56.9	57.2	57.6	58.1	58.6	59.1	59.5	59.8	60.3	61.1
-37.5°	56.0	56.3	56.6	56.8	57.1	57.3	57.8	58.2	58.5	58.8	59.1
-38.75°	55.4	55.7	56.0	56.2	56.4	56.7	56.9	57.1	57.2	57.5	57.8
-40°	54.8	55.1	55.3	55.6	55.8	56.0	56.2	56.4	56.6	56.7	56.9
-41.25°	54.4	54.5	54.7	55.0	55.2	55.4	55.6	55.7	55.9	56.0	56.2
-42.5°	54.1	54.2	54.3	54.4	54.5	54.7	54.9	55.1	55.2	55.4	55.5
-43.75°	53.7	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8
-45°	53.1	53.3	53.5	53.7	53.9	54.0	54.0	54.1	54.2	54.3	54.3
-46.25°	52.5	52.7	52.9	53.1	53.3	53.5	53.6	53.8	53.9	53.9	54.0
-47.5°	52.1	52.2	52.3	52.5	52.6	52.8	53.0	53.1	53.2	53.4	53.5
-48.75°	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.4	52.6	52.7	52.8
-50°	51.1	51.4	51.7	51.8	51.9	51.9	52.0	52.1	52.1	52.2	52.2
-51.25°	50.2	50.5	50.7	51.0	51.2	51.4	51.7	51.7	51.8	51.9	51.9
-52.5°	49.0	49.5	49.8	50.0	50.2	50.5	50.7	50.8	51.0	51.1	51.3
-53.75°	47.5	47.9	48.3	48.7	49.0	49.4	49.6	49.8	50.0	50.1	50.2
-55°	45.9	46.4	46.7	47.1	47.4	47.8	48.0	48.3	48.6	48.8	49.0
-56.25°	44.4	44.8	45.1	45.5	45.8	46.1	46.4	46.7	46.9	47.1	47.3
-57.5°	42.8	43.2	43.5	43.9	44.2	44.5	44.7	45.0	45.2	45.4	45.6
-58.75°	41.2	41.5	41.9	42.2	42.5	42.8	43.1	43.3	43.5	43.7	43.9
-60°	39.6	39.9	40.3	40.6	40.9	41.1	41.4	41.6	41.8	42.0	42.2
-61.25°	37.5	38.0	38.4	38.8	39.2	39.5	39.7	39.9	40.1	40.3	40.4
-62.5°	35.3	35.7	36.1	36.5	36.9	37.2	37.5	37.8	38.1	38.3	38.5
-63.75°	32.6	33.2	33.7	34.2	34.5	34.9	35.2	35.4	35.7	35.9	36.1
-65°	29.8	30.3	30.7	31.2	31.6	32.0	32.4	32.7	33.0	33.3	33.5
-66.25°	27.1	27.5	27.8	28.2	28.6	29.0	29.3	29.6	29.9	30.2	30.4
-67.5°	24.9	25.2	25.5	25.9	26.1	26.4	26.7	26.9	27.1	27.3	27.5
-68.75°	22.6	22.9	23.2	23.5	23.8	24.1	24.3	24.5	24.7	24.9	25.0
-70°	20.3	20.6	20.9	21.2	21.5	21.7	21.9	22.1	22.3	22.5	22.6
-71.25°	18.1	18.4	18.6	18.9	19.1	19.4	19.6	19.7	19.9	20.1	20.2
-72.5°	16.8	17.0	17.1	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0
-73.75°	15.5	15.7	15.8	15.9	16.1	16.2	16.3	16.4	16.4	16.5	16.6
-75°	14.8	14.9	14.9	15.0	15.1	15.1	15.2	15.2	15.2	15.3	15.3
-76.25°	14.2	14.2	14.3	14.3	14.4	14.4	14.5	14.5	14.5	14.6	14.6
-77.5°	13.3	13.4	13.4	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.9



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	12.3	12.4	12.4	12.5	12.6	12.6	12.7	12.7	12.8	12.8	12.8
-80°	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.7
-81.25°	9.3	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0
-82.5°	7.8	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.2	8.3	8.3
-83.75°	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9
-85°	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.5	5.5	5.5	5.5
-86.25°	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
-87.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8
-88.75°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
-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: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
86.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
83.75°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
82.5°	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
81.25°	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.1	10.1	10.1	10.1
80°	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.8
78.75°	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.9	12.9	12.9
77.5°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
76.25°	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
75°	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
73.75°	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7
72.5°	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.1
71.25°	20.3	20.4	20.5	20.6	20.6	20.6	20.7	20.6	20.6	20.6	20.5
70°	22.8	22.9	22.9	23.0	23.1	23.1	23.1	23.1	23.1	23.0	22.9
68.75°	25.2	25.3	25.4	25.5	25.5	25.5	25.6	25.5	25.5	25.5	25.4
67.5°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
66.25°	30.6	30.8	30.9	31.0	31.1	31.1	31.2	31.1	31.1	31.0	30.9
65°	33.7	33.9	34.0	34.2	34.2	34.3	34.3	34.3	34.2	34.2	34.0
63.75°	36.3	36.4	36.5	36.6	36.7	36.7	36.8	36.7	36.7	36.6	36.5
62.5°	38.7	38.9	39.0	39.1	39.1	39.2	39.2	39.2	39.1	39.1	39.0
61.25°	40.6	40.7	40.8	40.9	40.9	40.9	41.0	40.9	40.9	40.9	40.8
60°	42.3	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.6	42.5
58.75°	44.0	44.2	44.3	44.3	44.4	44.4	44.5	44.4	44.4	44.3	44.3
57.5°	45.8	45.9	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.0
56.25°	47.5	47.6	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.8	47.7
55°	49.1	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.5	49.5	49.4
53.75°	50.3	50.4	50.5	50.6	50.6	50.6	50.7	50.6	50.6	50.6	50.5
52.5°	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.6	51.6
51.25°	51.9	52.0	52.0	52.0	52.0	52.0	52.1	52.0	52.0	52.0	52.0
50°	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.3
48.75°	52.9	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.0	53.0
47.5°	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.7	53.7
46.25°	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.1	54.1	54.1	54.1
45°	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.4
43.75°	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.1	55.1
42.5°	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.8	55.8
41.25°	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.5	56.5
40°	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.2	57.2
38.75°	58.0	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.6	58.5	58.4
37.5°	59.4	59.6	59.8	59.9	60.0	60.1	60.1	60.1	60.0	59.9	59.8
36.25°	61.7	62.3	62.8	63.1	63.4	63.5	63.6	63.5	63.4	63.1	62.8
35°	65.2	65.7	66.2	66.6	66.9	67.0	67.1	67.0	66.9	66.6	66.2

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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	71.3	73.1	74.6	75.8	76.6	77.1	77.3	77.1	76.6	75.8	74.6
32.5°	81.2	83.1	84.6	85.8	86.7	87.2	87.4	87.2	86.7	85.8	84.6
31.25°	91.3	93.4	95.1	96.5	97.5	98.1	98.3	98.1	97.5	96.5	95.1
30°	101.8	104.0	105.8	107.3	108.3	108.9	109.1	108.9	108.3	107.3	105.8
28.75°	113.2	116.2	118.7	121.1	124.6	126.7	127.5	126.7	124.6	121.1	118.7
27.5°	136.7	144.7	154.1	165.4	173.5	178.4	180.1	178.4	173.5	165.4	154.1
26.25°	197.1	216.9	237.5	253.7	265.3	272.3	274.7	272.3	265.3	253.7	237.5
25°	293.1	323.5	349.1	369.1	383.5	392.2	395.1	392.2	383.5	369.1	349.1
23.75°	411.5	445.2	473.2	495.1	511.2	520.9	524.1	520.9	511.2	495.1	473.2
22.5°	534.1	570.4	600.6	622.8	638.6	648.2	651.4	648.2	638.6	622.8	600.6
21.25°	653.6	689.3	716.5	736.9	751.6	760.5	763.4	760.5	751.6	736.9	716.5
20°	758.7	790.9	814.9	833.9	847.6	855.9	858.7	855.9	847.6	833.9	814.9
18.75°	848.0	882.6	913.1	937.3	957.4	971.6	976.4	971.6	957.4	937.3	913.1
17.5°	947.6	1000.0	1043.9	1082.4	1114.7	1134.3	1140.9	1134.3	1114.7	1082.4	1043.9
16.25°	1087.0	1159.0	1220.0	1278.9	1321.6	1347.5	1356.2	1347.5	1321.6	1278.9	1220.0
15°	1266.6	1361.3	1450.0	1528.2	1585.1	1619.7	1631.3	1619.7	1585.1	1528.2	1450.0
13.75°	1487.8	1613.3	1728.7	1822.5	1891.8	1937.4	1952.7	1937.4	1891.8	1822.5	1728.7
12.5°	1745.8	1896.7	2035.8	2147.8	2232.4	2284.4	2302.0	2284.4	2232.4	2147.8	2035.8
11.25°	2023.2	2202.1	2359.6	2490.2	2591.0	2652.8	2673.7	2652.8	2591.0	2490.2	2359.6
10°	2308.5	2513.2	2698.5	2851.5	2966.0	3036.7	3060.6	3036.7	2966.0	2851.5	2698.5
8.75°	2595.7	2831.2	3039.4	3208.8	3335.8	3414.4	3441.0	3414.4	3335.8	3208.8	3039.4
7.5°	2877.0	3136.4	3363.7	3552.7	3694.3	3777.6	3806.1	3777.6	3694.3	3552.7	3363.7
6.25°	3136.4	3416.8	3668.2	3865.6	4008.0	4091.7	4120.7	4091.7	4008.0	3865.6	3668.2
5°	3363.7	3668.2	3926.1	4121.3	4266.5	4358.8	4391.3	4358.8	4266.5	4121.3	3926.1
3.75°	3552.7	3865.6	4121.3	4327.4	4474.9	4567.6	4597.9	4567.6	4474.9	4327.4	4121.3
2.5°	3694.3	4008.0	4266.5	4474.9	4630.1	4729.7	4758.0	4729.7	4630.1	4474.9	4266.5
1.25°	3777.6	4091.7	4358.8	4567.6	4729.7	4823.0	4861.0	4823.0	4729.7	4567.6	4358.8
0°	3806.1	4120.7	4391.3	4597.9	4758.0	4861.0	4933.9	4861.0	4758.0	4597.9	4391.3
-1.25°	3777.6	4091.7	4358.8	4567.6	4729.7	4823.0	4861.0	4823.0	4729.7	4567.6	4358.8
-2.5°	3694.3	4008.0	4266.5	4474.9	4630.1	4729.7	4758.0	4729.7	4630.1	4474.9	4266.5
-3.75°	3552.7	3865.6	4121.3	4327.4	4474.9	4567.6	4597.9	4567.6	4474.9	4327.4	4121.3
-5°	3363.7	3668.2	3926.1	4121.3	4266.5	4358.8	4391.3	4358.8	4266.5	4121.3	3926.1
-6.25°	3136.4	3416.8	3668.2	3865.6	4008.0	4091.7	4120.7	4091.7	4008.0	3865.6	3668.2
-7.5°	2877.0	3136.4	3363.7	3552.7	3694.3	3777.6	3806.1	3777.6	3694.3	3552.7	3363.7
-8.75°	2595.7	2831.2	3039.4	3208.8	3335.8	3414.4	3441.0	3414.4	3335.8	3208.8	3039.4
-10°	2308.5	2513.2	2698.5	2851.5	2966.0	3036.7	3060.6	3036.7	2966.0	2851.5	2698.5
-11.25°	2023.2	2202.1	2359.6	2490.2	2591.0	2652.8	2673.7	2652.8	2591.0	2490.2	2359.6
-12.5°	1745.8	1896.7	2035.8	2147.8	2232.4	2284.4	2302.0	2284.4	2232.4	2147.8	2035.8
-13.75°	1487.8	1613.3	1728.7	1822.5	1891.8	1937.4	1952.7	1937.4	1891.8	1822.5	1728.7
-15°	1266.6	1361.3	1450.0	1528.2	1585.1	1619.7	1631.3	1619.7	1585.1	1528.2	1450.0
-16.25°	1087.0	1159.0	1220.0	1278.9	1321.6	1347.5	1356.2	1347.5	1321.6	1278.9	1220.0
-17.5°	947.6	1000.0	1043.9	1082.4	1114.7	1134.3	1140.9	1134.3	1114.7	1082.4	1043.9
-18.75°	848.0	882.6	913.1	937.3	957.4	971.6	976.4	971.6	957.4	937.3	913.1
-20°	758.7	790.9	814.9	833.9	847.6	855.9	858.7	855.9	847.6	833.9	814.9
-21.25°	653.6	689.3	716.5	736.9	751.6	760.5	763.4	760.5	751.6	736.9	716.5





REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	534.1	570.4	600.6	622.8	638.6	648.2	651.4	648.2	638.6	622.8	600.6
-23.75°	411.5	445.2	473.2	495.1	511.2	520.9	524.1	520.9	511.2	495.1	473.2
-25°	293.1	323.5	349.1	369.1	383.5	392.2	395.1	392.2	383.5	369.1	349.1
-26.25°	197.1	216.9	237.5	253.7	265.3	272.3	274.7	272.3	265.3	253.7	237.5
-27.5°	136.7	144.7	154.1	165.4	173.5	178.4	180.1	178.4	173.5	165.4	154.1
-28.75°	113.2	116.2	118.7	121.1	124.6	126.7	127.5	126.7	124.6	121.1	118.7
-30°	101.8	104.0	105.8	107.3	108.3	108.9	109.1	108.9	108.3	107.3	105.8
-31.25°	91.3	93.4	95.1	96.5	97.5	98.1	98.3	98.1	97.5	96.5	95.1
-32.5°	81.2	83.1	84.6	85.8	86.7	87.2	87.4	87.2	86.7	85.8	84.6
-33.75°	71.3	73.1	74.6	75.8	76.6	77.1	77.3	77.1	76.6	75.8	74.6
-35°	65.2	65.7	66.2	66.6	66.9	67.0	67.1	67.0	66.9	66.6	66.2
-36.25°	61.7	62.3	62.8	63.1	63.4	63.5	63.6	63.5	63.4	63.1	62.8
-37.5°	59.4	59.6	59.8	59.9	60.0	60.1	60.1	60.1	60.0	59.9	59.8
-38.75°	58.0	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.6	58.5	58.4
-40°	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.2	57.2
-41.25°	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.5	56.5
-42.5°	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.8	55.8
-43.75°	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.1	55.1
-45°	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.4
-46.25°	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.1	54.1	54.1	54.1
-47.5°	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.7	53.7
-48.75°	52.9	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.0	53.0
-50°	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.3
-51.25°	51.9	52.0	52.0	52.0	52.0	52.0	52.1	52.0	52.0	52.0	52.0
-52.5°	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.6	51.6
-53.75°	50.3	50.4	50.5	50.6	50.6	50.6	50.7	50.6	50.6	50.6	50.5
-55°	49.1	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.5	49.5	49.4
-56.25°	47.5	47.6	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.8	47.7
-57.5°	45.8	45.9	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.0
-58.75°	44.0	44.2	44.3	44.3	44.4	44.4	44.5	44.4	44.4	44.3	44.3
-60°	42.3	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.6	42.5
-61.25°	40.6	40.7	40.8	40.9	40.9	40.9	41.0	40.9	40.9	40.9	40.8
-62.5°	38.7	38.9	39.0	39.1	39.1	39.2	39.2	39.2	39.1	39.1	39.0
-63.75°	36.3	36.4	36.5	36.6	36.7	36.7	36.8	36.7	36.7	36.6	36.5
-65°	33.7	33.9	34.0	34.2	34.2	34.3	34.3	34.3	34.2	34.2	34.0
-66.25°	30.6	30.8	30.9	31.0	31.1	31.1	31.2	31.1	31.1	31.0	30.9
-67.5°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
-68.75°	25.2	25.3	25.4	25.5	25.5	25.5	25.6	25.5	25.5	25.5	25.4
-70°	22.8	22.9	22.9	23.0	23.1	23.1	23.1	23.1	23.1	23.0	22.9
-71.25°	20.3	20.4	20.5	20.6	20.6	20.6	20.7	20.6	20.6	20.6	20.5
-72.5°	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.1
-73.75°	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7
-75°	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
-76.25°	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
-77.5°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.9	12.9	12.9
-80°	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.8
-81.25°	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.1	10.1	10.1	10.1
-82.5°	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
-83.75°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-85°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
-86.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
-88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-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):**

	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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
87.5°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
86.25°	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0
85°	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3
83.75°	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6
82.5°	8.3	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.0	8.0
81.25°	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6	9.5
80°	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.4	11.3	11.2	11.1
78.75°	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.4
77.5°	13.9	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.4
76.25°	14.7	14.6	14.6	14.6	14.5	14.5	14.5	14.4	14.4	14.3	14.3
75°	15.3	15.3	15.3	15.3	15.2	15.2	15.2	15.1	15.1	15.0	14.9
73.75°	16.7	16.6	16.6	16.5	16.4	16.4	16.3	16.2	16.1	15.9	15.8
72.5°	18.1	18.0	18.0	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.1
71.25°	20.4	20.3	20.2	20.1	19.9	19.7	19.6	19.4	19.1	18.9	18.6
70°	22.9	22.8	22.6	22.5	22.3	22.1	21.9	21.7	21.5	21.2	20.9
68.75°	25.3	25.2	25.0	24.9	24.7	24.5	24.3	24.1	23.8	23.5	23.2
67.5°	27.7	27.6	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.9	25.5
66.25°	30.8	30.6	30.4	30.2	29.9	29.6	29.3	29.0	28.6	28.2	27.8
65°	33.9	33.7	33.5	33.3	33.0	32.7	32.4	32.0	31.6	31.2	30.7
63.75°	36.4	36.3	36.1	35.9	35.7	35.4	35.2	34.9	34.5	34.2	33.7
62.5°	38.9	38.7	38.5	38.3	38.1	37.8	37.5	37.2	36.9	36.5	36.1
61.25°	40.7	40.6	40.4	40.3	40.1	39.9	39.7	39.5	39.2	38.8	38.4
60°	42.4	42.3	42.2	42.0	41.8	41.6	41.4	41.1	40.9	40.6	40.3
58.75°	44.2	44.0	43.9	43.7	43.5	43.3	43.1	42.8	42.5	42.2	41.9
57.5°	45.9	45.8	45.6	45.4	45.2	45.0	44.7	44.5	44.2	43.9	43.5
56.25°	47.6	47.5	47.3	47.1	46.9	46.7	46.4	46.1	45.8	45.5	45.1
55°	49.3	49.1	49.0	48.8	48.6	48.3	48.0	47.8	47.4	47.1	46.7
53.75°	50.4	50.3	50.2	50.1	50.0	49.8	49.6	49.4	49.0	48.7	48.3
52.5°	51.5	51.4	51.3	51.1	51.0	50.8	50.7	50.5	50.2	50.0	49.8
51.25°	52.0	51.9	51.9	51.9	51.8	51.7	51.7	51.4	51.2	51.0	50.7
50°	52.3	52.3	52.2	52.2	52.1	52.1	52.0	51.9	51.9	51.8	51.7
48.75°	52.9	52.9	52.8	52.7	52.6	52.4	52.4	52.3	52.2	52.1	52.0
47.5°	53.6	53.5	53.5	53.4	53.2	53.1	53.0	52.8	52.6	52.5	52.3
46.25°	54.1	54.0	54.0	53.9	53.9	53.8	53.6	53.5	53.3	53.1	52.9
45°	54.4	54.4	54.3	54.3	54.2	54.1	54.0	54.0	53.9	53.7	53.5
43.75°	55.0	54.9	54.8	54.7	54.6	54.5	54.4	54.3	54.2	54.1	54.0
42.5°	55.7	55.6	55.5	55.4	55.2	55.1	54.9	54.7	54.5	54.4	54.3
41.25°	56.4	56.3	56.2	56.0	55.9	55.7	55.6	55.4	55.2	55.0	54.7
40°	57.1	57.0	56.9	56.7	56.6	56.4	56.2	56.0	55.8	55.6	55.3
38.75°	58.2	58.0	57.8	57.5	57.2	57.1	56.9	56.7	56.4	56.2	56.0
37.5°	59.6	59.4	59.1	58.8	58.5	58.2	57.8	57.3	57.1	56.8	56.6
36.25°	62.3	61.7	61.1	60.3	59.8	59.5	59.1	58.6	58.1	57.6	57.2
35°	65.7	65.2	64.5	63.7	62.8	61.8	60.7	59.9	59.4	58.8	58.3

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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°	73.1	71.3	69.2	67.0	66.1	65.1	63.9	62.7	61.4	60.1	59.5
32.5°	83.1	81.2	79.0	76.5	73.7	70.6	67.2	65.8	64.5	63.0	61.5
31.25°	93.4	91.3	88.9	86.1	83.2	79.9	76.4	72.5	68.4	66.0	64.4
30°	104.0	101.8	99.2	96.3	93.0	89.4	85.5	81.5	77.2	72.7	67.8
28.75°	116.2	113.2	109.7	106.5	103.1	99.2	95.1	90.6	85.9	81.2	76.2
27.5°	144.7	136.7	127.3	118.9	114.2	109.1	104.7	100.1	95.1	89.8	84.4
26.25°	216.9	197.1	175.6	151.2	137.4	123.7	115.8	109.5	104.2	98.7	92.9
25°	323.5	293.1	262.5	227.6	194.7	163.2	139.8	123.0	114.4	107.4	101.4
23.75°	445.2	411.5	373.0	329.9	284.0	239.2	196.1	157.9	134.4	118.1	110.0
22.5°	570.4	534.1	491.8	444.8	392.7	337.5	280.5	226.1	179.7	142.5	121.1
21.25°	689.3	653.6	612.2	562.3	506.1	445.9	381.5	314.8	251.8	194.5	147.5
20°	790.9	758.7	720.4	673.8	619.0	555.8	486.6	414.2	339.7	267.3	201.9
18.75°	882.6	848.0	812.4	770.6	720.1	660.2	591.9	514.5	434.3	352.3	272.5
17.5°	1000.0	947.6	902.4	852.9	806.2	751.4	688.1	613.0	528.7	441.0	352.3
16.25°	1159.0	1087.0	1017.7	946.0	887.1	829.2	770.5	701.9	619.8	528.7	434.3
15°	1361.3	1266.6	1168.9	1070.5	985.5	908.6	840.8	776.9	701.9	613.0	514.5
13.75°	1613.3	1487.8	1355.7	1226.9	1111.0	1005.8	915.9	840.8	770.5	688.1	591.9
12.5°	1896.7	1745.8	1581.4	1412.3	1261.9	1124.6	1005.8	908.6	829.2	751.4	660.2
11.25°	2202.1	2023.2	1828.9	1629.2	1435.1	1261.9	1111.0	985.5	887.1	806.2	720.1
10°	2513.2	2308.5	2088.1	1857.0	1629.2	1412.3	1226.9	1070.5	946.0	852.9	770.6
8.75°	2831.2	2595.7	2344.7	2088.1	1828.9	1581.4	1355.7	1168.9	1017.7	902.4	812.4
7.5°	3136.4	2877.0	2595.7	2308.5	2023.2	1745.8	1487.8	1266.6	1087.0	947.6	848.0
6.25°	3416.8	3136.4	2831.2	2513.2	2202.1	1896.7	1613.3	1361.3	1159.0	1000.0	882.6
5°	3668.2	3363.7	3039.4	2698.5	2359.6	2035.8	1728.7	1450.0	1220.0	1043.9	913.1
3.75°	3865.6	3552.7	3208.8	2851.5	2490.2	2147.8	1822.5	1528.2	1278.9	1082.4	937.3
2.5°	4008.0	3694.3	3335.8	2966.0	2591.0	2232.4	1891.8	1585.1	1321.6	1114.7	957.4
1.25°	4091.7	3777.6	3414.4	3036.7	2652.8	2284.4	1937.4	1619.7	1347.5	1134.3	971.6
0°	4120.7	3806.1	3441.0	3060.6	2673.7	2302.0	1952.7	1631.3	1356.2	1140.9	976.4
-1.25°	4091.7	3777.6	3414.4	3036.7	2652.8	2284.4	1937.4	1619.7	1347.5	1134.3	971.6
-2.5°	4008.0	3694.3	3335.8	2966.0	2591.0	2232.4	1891.8	1585.1	1321.6	1114.7	957.4
-3.75°	3865.6	3552.7	3208.8	2851.5	2490.2	2147.8	1822.5	1528.2	1278.9	1082.4	937.3
-5°	3668.2	3363.7	3039.4	2698.5	2359.6	2035.8	1728.7	1450.0	1220.0	1043.9	913.1
-6.25°	3416.8	3136.4	2831.2	2513.2	2202.1	1896.7	1613.3	1361.3	1159.0	1000.0	882.6
-7.5°	3136.4	2877.0	2595.7	2308.5	2023.2	1745.8	1487.8	1266.6	1087.0	947.6	848.0
-8.75°	2831.2	2595.7	2344.7	2088.1	1828.9	1581.4	1355.7	1168.9	1017.7	902.4	812.4
-10°	2513.2	2308.5	2088.1	1857.0	1629.2	1412.3	1226.9	1070.5	946.0	852.9	770.6
-11.25°	2202.1	2023.2	1828.9	1629.2	1435.1	1261.9	1111.0	985.5	887.1	806.2	720.1
-12.5°	1896.7	1745.8	1581.4	1412.3	1261.9	1124.6	1005.8	908.6	829.2	751.4	660.2
-13.75°	1613.3	1487.8	1355.7	1226.9	1111.0	1005.8	915.9	840.8	770.5	688.1	591.9
-15°	1361.3	1266.6	1168.9	1070.5	985.5	908.6	840.8	776.9	701.9	613.0	514.5
-16.25°	1159.0	1087.0	1017.7	946.0	887.1	829.2	770.5	701.9	619.8	528.7	434.3
-17.5°	1000.0	947.6	902.4	852.9	806.2	751.4	688.1	613.0	528.7	441.0	352.3
-18.75°	882.6	848.0	812.4	770.6	720.1	660.2	591.9	514.5	434.3	352.3	272.5
-20°	790.9	758.7	720.4	673.8	619.0	555.8	486.6	414.2	339.7	267.3	201.9
-21.25°	689.3	653.6	612.2	562.3	506.1	445.9	381.5	314.8	251.8	194.5	147.5



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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°	570.4	534.1	491.8	444.8	392.7	337.5	280.5	226.1	179.7	142.5	121.1
-23.75°	445.2	411.5	373.0	329.9	284.0	239.2	196.1	157.9	134.4	118.1	110.0
-25°	323.5	293.1	262.5	227.6	194.7	163.2	139.8	123.0	114.4	107.4	101.4
-26.25°	216.9	197.1	175.6	151.2	137.4	123.7	115.8	109.5	104.2	98.7	92.9
-27.5°	144.7	136.7	127.3	118.9	114.2	109.1	104.7	100.1	95.1	89.8	84.4
-28.75°	116.2	113.2	109.7	106.5	103.1	99.2	95.1	90.6	85.9	81.2	76.2
-30°	104.0	101.8	99.2	96.3	93.0	89.4	85.5	81.5	77.2	72.7	67.8
-31.25°	93.4	91.3	88.9	86.1	83.2	79.9	76.4	72.5	68.4	66.0	64.4
-32.5°	83.1	81.2	79.0	76.5	73.7	70.6	67.2	65.8	64.5	63.0	61.5
-33.75°	73.1	71.3	69.2	67.0	66.1	65.1	63.9	62.7	61.4	60.1	59.5
-35°	65.7	65.2	64.5	63.7	62.8	61.8	60.7	59.9	59.4	58.8	58.3
-36.25°	62.3	61.7	61.1	60.3	59.8	59.5	59.1	58.6	58.1	57.6	57.2
-37.5°	59.6	59.4	59.1	58.8	58.5	58.2	57.8	57.3	57.1	56.8	56.6
-38.75°	58.2	58.0	57.8	57.5	57.2	57.1	56.9	56.7	56.4	56.2	56.0
-40°	57.1	57.0	56.9	56.7	56.6	56.4	56.2	56.0	55.8	55.6	55.3
-41.25°	56.4	56.3	56.2	56.0	55.9	55.7	55.6	55.4	55.2	55.0	54.7
-42.5°	55.7	55.6	55.5	55.4	55.2	55.1	54.9	54.7	54.5	54.4	54.3
-43.75°	55.0	54.9	54.8	54.7	54.6	54.5	54.4	54.3	54.2	54.1	54.0
-45°	54.4	54.4	54.3	54.3	54.2	54.1	54.0	54.0	53.9	53.7	53.5
-46.25°	54.1	54.0	54.0	53.9	53.9	53.8	53.6	53.5	53.3	53.1	52.9
-47.5°	53.6	53.5	53.5	53.4	53.2	53.1	53.0	52.8	52.6	52.5	52.3
-48.75°	52.9	52.9	52.8	52.7	52.6	52.4	52.4	52.3	52.2	52.1	52.0
-50°	52.3	52.3	52.2	52.2	52.1	52.1	52.0	51.9	51.9	51.8	51.7
-51.25°	52.0	51.9	51.9	51.9	51.8	51.7	51.7	51.4	51.2	51.0	50.7
-52.5°	51.5	51.4	51.3	51.1	51.0	50.8	50.7	50.5	50.2	50.0	49.8
-53.75°	50.4	50.3	50.2	50.1	50.0	49.8	49.6	49.4	49.0	48.7	48.3
-55°	49.3	49.1	49.0	48.8	48.6	48.3	48.0	47.8	47.4	47.1	46.7
-56.25°	47.6	47.5	47.3	47.1	46.9	46.7	46.4	46.1	45.8	45.5	45.1
-57.5°	45.9	45.8	45.6	45.4	45.2	45.0	44.7	44.5	44.2	43.9	43.5
-58.75°	44.2	44.0	43.9	43.7	43.5	43.3	43.1	42.8	42.5	42.2	41.9
-60°	42.4	42.3	42.2	42.0	41.8	41.6	41.4	41.1	40.9	40.6	40.3
-61.25°	40.7	40.6	40.4	40.3	40.1	39.9	39.7	39.5	39.2	38.8	38.4
-62.5°	38.9	38.7	38.5	38.3	38.1	37.8	37.5	37.2	36.9	36.5	36.1
-63.75°	36.4	36.3	36.1	35.9	35.7	35.4	35.2	34.9	34.5	34.2	33.7
-65°	33.9	33.7	33.5	33.3	33.0	32.7	32.4	32.0	31.6	31.2	30.7
-66.25°	30.8	30.6	30.4	30.2	29.9	29.6	29.3	29.0	28.6	28.2	27.8
-67.5°	27.7	27.6	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.9	25.5
-68.75°	25.3	25.2	25.0	24.9	24.7	24.5	24.3	24.1	23.8	23.5	23.2
-70°	22.9	22.8	22.6	22.5	22.3	22.1	21.9	21.7	21.5	21.2	20.9
-71.25°	20.4	20.3	20.2	20.1	19.9	19.7	19.6	19.4	19.1	18.9	18.6
-72.5°	18.1	18.0	18.0	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.1
-73.75°	16.7	16.6	16.6	16.5	16.4	16.4	16.3	16.2	16.1	15.9	15.8
-75°	15.3	15.3	15.3	15.3	15.2	15.2	15.2	15.1	15.1	15.0	14.9
-76.25°	14.7	14.6	14.6	14.6	14.5	14.5	14.5	14.4	14.4	14.3	14.3
-77.5°	13.9	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.4



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.4
-80°	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.4	11.3	11.2	11.1
-81.25°	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6	9.5
-82.5°	8.3	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.0	8.0
-83.75°	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6
-85°	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3
-86.25°	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0
-87.5°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
-88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
87.5°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4
86.25°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5
85°	5.3	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.8	4.7
83.75°	6.6	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9
82.5°	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1
81.25°	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.5	8.4	8.3
80°	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.2	10.0	9.9	9.7
78.75°	12.4	12.3	12.2	12.1	12.1	12.0	11.9	11.7	11.5	11.3	11.2
77.5°	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.3
76.25°	14.2	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.3	13.2
75°	14.9	14.8	14.7	14.7	14.6	14.5	14.4	14.3	14.3	14.2	14.1
73.75°	15.7	15.5	15.4	15.3	15.2	15.1	15.0	15.0	14.9	14.8	14.6
72.5°	17.0	16.8	16.7	16.5	16.3	16.1	15.9	15.7	15.5	15.3	15.2
71.25°	18.4	18.1	17.9	17.8	17.6	17.4	17.2	16.9	16.7	16.5	16.2
70°	20.6	20.3	20.0	19.7	19.3	18.9	18.5	18.1	17.9	17.6	17.4
68.75°	22.9	22.6	22.2	21.9	21.5	21.1	20.7	20.2	19.8	19.3	18.8
67.5°	25.2	24.9	24.5	24.1	23.7	23.2	22.8	22.3	21.8	21.3	20.8
66.25°	27.5	27.1	26.7	26.3	25.9	25.4	24.9	24.4	23.9	23.4	22.8
65°	30.3	29.8	29.2	28.6	28.1	27.6	27.1	26.5	26.0	25.4	24.8
63.75°	33.2	32.6	32.1	31.5	30.9	30.2	29.5	28.8	28.1	27.4	26.8
62.5°	35.7	35.3	34.8	34.3	33.6	33.0	32.2	31.5	30.7	29.9	29.1
61.25°	38.0	37.5	37.0	36.5	36.0	35.4	34.8	34.2	33.3	32.5	31.6
60°	39.9	39.6	39.2	38.7	38.1	37.5	36.9	36.3	35.6	34.9	34.2
58.75°	41.5	41.2	40.8	40.4	40.0	39.5	39.0	38.3	37.6	36.9	36.2
57.5°	43.2	42.8	42.4	41.9	41.5	41.0	40.5	40.0	39.5	38.9	38.1
56.25°	44.8	44.4	43.9	43.5	43.0	42.5	42.0	41.5	41.0	40.4	39.8
55°	46.4	45.9	45.5	45.0	44.5	44.0	43.5	43.0	42.4	41.8	41.2
53.75°	47.9	47.5	47.0	46.6	46.1	45.5	45.0	44.4	43.8	43.2	42.6
52.5°	49.5	49.0	48.5	48.1	47.5	47.0	46.4	45.9	45.2	44.6	43.9
51.25°	50.5	50.2	49.9	49.5	49.0	48.4	47.9	47.3	46.6	46.0	45.3
50°	51.4	51.1	50.8	50.5	50.1	49.8	49.3	48.7	48.0	47.3	46.6
48.75°	51.9	51.8	51.7	51.4	51.0	50.7	50.3	49.9	49.4	48.7	47.9
47.5°	52.2	52.1	52.0	51.9	51.8	51.5	51.1	50.7	50.3	49.8	49.2
46.25°	52.7	52.5	52.3	52.2	52.1	51.9	51.8	51.5	51.1	50.6	50.2
45°	53.3	53.1	52.8	52.6	52.4	52.2	52.1	51.9	51.8	51.4	51.0
43.75°	53.9	53.7	53.4	53.2	52.9	52.6	52.4	52.2	52.0	51.9	51.7
42.5°	54.2	54.1	53.9	53.8	53.5	53.2	52.9	52.6	52.3	52.1	52.0
41.25°	54.5	54.4	54.2	54.1	53.9	53.7	53.4	53.1	52.8	52.4	52.2
40°	55.1	54.8	54.5	54.4	54.2	54.1	53.9	53.6	53.3	52.9	52.5
38.75°	55.7	55.4	55.1	54.8	54.5	54.3	54.2	54.0	53.8	53.4	53.0
37.5°	56.3	56.0	55.7	55.4	55.0	54.7	54.4	54.2	54.1	53.9	53.5
36.25°	56.9	56.6	56.3	55.9	55.6	55.2	54.9	54.5	54.3	54.1	53.9
35°	57.7	57.2	56.8	56.5	56.1	55.8	55.4	55.0	54.6	54.3	54.1



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	58.8	58.2	57.5	57.1	56.7	56.3	55.9	55.5	55.1	54.7	54.4
32.5°	60.0	59.3	58.6	57.9	57.2	56.8	56.4	56.0	55.6	55.1	54.7
31.25°	62.8	61.0	59.7	59.0	58.2	57.4	56.9	56.5	56.0	55.6	55.1
30°	65.6	63.8	61.9	60.0	59.2	58.4	57.5	57.0	56.5	56.0	55.6
28.75°	70.9	66.5	64.6	62.5	60.4	59.4	58.5	57.6	57.0	56.5	56.0
27.5°	79.0	73.3	67.4	65.1	62.9	60.7	59.4	58.5	57.5	56.9	56.4
26.25°	86.9	81.0	74.9	68.5	65.3	63.0	60.7	59.4	58.4	57.4	56.8
25°	95.1	88.6	82.2	75.6	68.9	65.3	62.9	60.4	59.2	58.2	57.2
23.75°	103.3	96.5	89.5	82.6	75.6	68.5	65.1	62.5	60.0	59.0	57.9
22.5°	111.9	104.2	97.0	89.5	82.2	74.9	67.4	64.6	61.9	59.7	58.6
21.25°	124.3	112.5	104.2	96.5	88.6	81.0	73.3	66.5	63.8	61.0	59.3
20°	149.5	124.3	111.9	103.3	95.1	86.9	79.0	70.9	65.6	62.8	60.0
18.75°	201.9	147.5	121.1	110.0	101.4	92.9	84.4	76.2	67.8	64.4	61.5
17.5°	267.3	194.5	142.5	118.1	107.4	98.7	89.8	81.2	72.7	66.0	63.0
16.25°	339.7	251.8	179.7	134.4	114.4	104.2	95.1	85.9	77.2	68.4	64.5
15°	414.2	314.8	226.1	157.9	123.0	109.5	100.1	90.6	81.5	72.5	65.8
13.75°	486.6	381.5	280.5	196.1	139.8	115.8	104.7	95.1	85.5	76.4	67.2
12.5°	555.8	445.9	337.5	239.2	163.2	123.7	109.1	99.2	89.4	79.9	70.6
11.25°	619.0	506.1	392.7	284.0	194.7	137.4	114.2	103.1	93.0	83.2	73.7
10°	673.8	562.3	444.8	329.9	227.6	151.2	118.9	106.5	96.3	86.1	76.5
8.75°	720.4	612.2	491.8	373.0	262.5	175.6	127.3	109.7	99.2	88.9	79.0
7.5°	758.7	653.6	534.1	411.5	293.1	197.1	136.7	113.2	101.8	91.3	81.2
6.25°	790.9	689.3	570.4	445.2	323.5	216.9	144.7	116.2	104.0	93.4	83.1
5°	814.9	716.5	600.6	473.2	349.1	237.5	154.1	118.7	105.8	95.1	84.6
3.75°	833.9	736.9	622.8	495.1	369.1	253.7	165.4	121.1	107.3	96.5	85.8
2.5°	847.6	751.6	638.6	511.2	383.5	265.3	173.5	124.6	108.3	97.5	86.7
1.25°	855.9	760.5	648.2	520.9	392.2	272.3	178.4	126.7	108.9	98.1	87.2
0°	858.7	763.4	651.4	524.1	395.1	274.7	180.1	127.5	109.1	98.3	87.4
-1.25°	855.9	760.5	648.2	520.9	392.2	272.3	178.4	126.7	108.9	98.1	87.2
-2.5°	847.6	751.6	638.6	511.2	383.5	265.3	173.5	124.6	108.3	97.5	86.7
-3.75°	833.9	736.9	622.8	495.1	369.1	253.7	165.4	121.1	107.3	96.5	85.8
-5°	814.9	716.5	600.6	473.2	349.1	237.5	154.1	118.7	105.8	95.1	84.6
-6.25°	790.9	689.3	570.4	445.2	323.5	216.9	144.7	116.2	104.0	93.4	83.1
-7.5°	758.7	653.6	534.1	411.5	293.1	197.1	136.7	113.2	101.8	91.3	81.2
-8.75°	720.4	612.2	491.8	373.0	262.5	175.6	127.3	109.7	99.2	88.9	79.0
-10°	673.8	562.3	444.8	329.9	227.6	151.2	118.9	106.5	96.3	86.1	76.5
-11.25°	619.0	506.1	392.7	284.0	194.7	137.4	114.2	103.1	93.0	83.2	73.7
-12.5°	555.8	445.9	337.5	239.2	163.2	123.7	109.1	99.2	89.4	79.9	70.6
-13.75°	486.6	381.5	280.5	196.1	139.8	115.8	104.7	95.1	85.5	76.4	67.2
-15°	414.2	314.8	226.1	157.9	123.0	109.5	100.1	90.6	81.5	72.5	65.8
-16.25°	339.7	251.8	179.7	134.4	114.4	104.2	95.1	85.9	77.2	68.4	64.5
-17.5°	267.3	194.5	142.5	118.1	107.4	98.7	89.8	81.2	72.7	66.0	63.0
-18.75°	201.9	147.5	121.1	110.0	101.4	92.9	84.4	76.2	67.8	64.4	61.5
-20°	149.5	124.3	111.9	103.3	95.1	86.9	79.0	70.9	65.6	62.8	60.0
-21.25°	124.3	112.5	104.2	96.5	88.6	81.0	73.3	66.5	63.8	61.0	59.3





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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	111.9	104.2	97.0	89.5	82.2	74.9	67.4	64.6	61.9	59.7	58.6
-23.75°	103.3	96.5	89.5	82.6	75.6	68.5	65.1	62.5	60.0	59.0	57.9
-25°	95.1	88.6	82.2	75.6	68.9	65.3	62.9	60.4	59.2	58.2	57.2
-26.25°	86.9	81.0	74.9	68.5	65.3	63.0	60.7	59.4	58.4	57.4	56.8
-27.5°	79.0	73.3	67.4	65.1	62.9	60.7	59.4	58.5	57.5	56.9	56.4
-28.75°	70.9	66.5	64.6	62.5	60.4	59.4	58.5	57.6	57.0	56.5	56.0
-30°	65.6	63.8	61.9	60.0	59.2	58.4	57.5	57.0	56.5	56.0	55.6
-31.25°	62.8	61.0	59.7	59.0	58.2	57.4	56.9	56.5	56.0	55.6	55.1
-32.5°	60.0	59.3	58.6	57.9	57.2	56.8	56.4	56.0	55.6	55.1	54.7
-33.75°	58.8	58.2	57.5	57.1	56.7	56.3	55.9	55.5	55.1	54.7	54.4
-35°	57.7	57.2	56.8	56.5	56.1	55.8	55.4	55.0	54.6	54.3	54.1
-36.25°	56.9	56.6	56.3	55.9	55.6	55.2	54.9	54.5	54.3	54.1	53.9
-37.5°	56.3	56.0	55.7	55.4	55.0	54.7	54.4	54.2	54.1	53.9	53.5
-38.75°	55.7	55.4	55.1	54.8	54.5	54.3	54.2	54.0	53.8	53.4	53.0
-40°	55.1	54.8	54.5	54.4	54.2	54.1	53.9	53.6	53.3	52.9	52.5
-41.25°	54.5	54.4	54.2	54.1	53.9	53.7	53.4	53.1	52.8	52.4	52.2
-42.5°	54.2	54.1	53.9	53.8	53.5	53.2	52.9	52.6	52.3	52.1	52.0
-43.75°	53.9	53.7	53.4	53.2	52.9	52.6	52.4	52.2	52.0	51.9	51.7
-45°	53.3	53.1	52.8	52.6	52.4	52.2	52.1	51.9	51.8	51.4	51.0
-46.25°	52.7	52.5	52.3	52.2	52.1	51.9	51.8	51.5	51.1	50.6	50.2
-47.5°	52.2	52.1	52.0	51.9	51.8	51.5	51.1	50.7	50.3	49.8	49.2
-48.75°	51.9	51.8	51.7	51.4	51.0	50.7	50.3	49.9	49.4	48.7	47.9
-50°	51.4	51.1	50.8	50.5	50.1	49.8	49.3	48.7	48.0	47.3	46.6
-51.25°	50.5	50.2	49.9	49.5	49.0	48.4	47.9	47.3	46.6	46.0	45.3
-52.5°	49.5	49.0	48.5	48.1	47.5	47.0	46.4	45.9	45.2	44.6	43.9
-53.75°	47.9	47.5	47.0	46.6	46.1	45.5	45.0	44.4	43.8	43.2	42.6
-55°	46.4	45.9	45.5	45.0	44.5	44.0	43.5	43.0	42.4	41.8	41.2
-56.25°	44.8	44.4	43.9	43.5	43.0	42.5	42.0	41.5	41.0	40.4	39.8
-57.5°	43.2	42.8	42.4	41.9	41.5	41.0	40.5	40.0	39.5	38.9	38.1
-58.75°	41.5	41.2	40.8	40.4	40.0	39.5	39.0	38.3	37.6	36.9	36.2
-60°	39.9	39.6	39.2	38.7	38.1	37.5	36.9	36.3	35.6	34.9	34.2
-61.25°	38.0	37.5	37.0	36.5	36.0	35.4	34.8	34.2	33.3	32.5	31.6
-62.5°	35.7	35.3	34.8	34.3	33.6	33.0	32.2	31.5	30.7	29.9	29.1
-63.75°	33.2	32.6	32.1	31.5	30.9	30.2	29.5	28.8	28.1	27.4	26.8
-65°	30.3	29.8	29.2	28.6	28.1	27.6	27.1	26.5	26.0	25.4	24.8
-66.25°	27.5	27.1	26.7	26.3	25.9	25.4	24.9	24.4	23.9	23.4	22.8
-67.5°	25.2	24.9	24.5	24.1	23.7	23.2	22.8	22.3	21.8	21.3	20.8
-68.75°	22.9	22.6	22.2	21.9	21.5	21.1	20.7	20.2	19.8	19.3	18.8
-70°	20.6	20.3	20.0	19.7	19.3	18.9	18.5	18.1	17.9	17.6	17.4
-71.25°	18.4	18.1	17.9	17.8	17.6	17.4	17.2	16.9	16.7	16.5	16.2
-72.5°	17.0	16.8	16.7	16.5	16.3	16.1	15.9	15.7	15.5	15.3	15.2
-73.75°	15.7	15.5	15.4	15.3	15.2	15.1	15.0	15.0	14.9	14.8	14.6
-75°	14.9	14.8	14.7	14.7	14.6	14.5	14.4	14.3	14.3	14.2	14.1
-76.25°	14.2	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.3	13.2
-77.5°	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.3



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	12.4	12.3	12.2	12.1	12.1	12.0	11.9	11.7	11.5	11.3	11.2
-80°	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.2	10.0	9.9	9.7
-81.25°	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.5	8.4	8.3
-82.5°	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1
-83.75°	6.6	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9
-85°	5.3	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.8	4.7
-86.25°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5
-87.5°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-88.75°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
-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: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
86.25°	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9
85°	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.9
83.75°	5.8	5.7	5.6	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8
82.5°	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.1	5.9	5.8
81.25°	8.1	8.0	7.9	7.8	7.6	7.5	7.4	7.2	7.1	6.9	6.8
80°	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.1	7.9	7.7
78.75°	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.2	9.0	8.8
77.5°	12.2	12.1	11.9	11.7	11.5	11.3	11.0	10.8	10.5	10.2	10.0
76.25°	13.1	12.9	12.8	12.6	12.5	12.3	12.1	12.0	11.7	11.4	11.1
75°	13.9	13.8	13.6	13.5	13.3	13.1	12.9	12.7	12.6	12.4	12.2
73.75°	14.5	14.4	14.3	14.2	14.1	13.9	13.7	13.5	13.3	13.1	12.9
72.5°	15.1	15.0	14.9	14.7	14.6	14.5	14.3	14.2	14.0	13.8	13.6
71.25°	16.0	15.7	15.4	15.3	15.1	15.0	14.8	14.7	14.5	14.4	14.2
70°	17.1	16.8	16.5	16.2	15.9	15.6	15.3	15.2	15.0	14.8	14.7
68.75°	18.3	17.9	17.6	17.3	17.0	16.7	16.3	16.0	15.6	15.3	15.1
67.5°	20.3	19.7	19.1	18.5	18.0	17.7	17.3	17.0	16.6	16.2	15.8
66.25°	22.2	21.7	21.0	20.4	19.8	19.1	18.4	17.9	17.5	17.1	16.7
65°	24.2	23.6	23.0	22.3	21.6	20.9	20.2	19.5	18.7	18.1	17.6
63.75°	26.2	25.5	24.9	24.2	23.4	22.7	22.0	21.2	20.4	19.6	18.8
62.5°	28.2	27.5	26.7	26.0	25.3	24.5	23.7	22.9	22.1	21.3	20.4
61.25°	30.7	29.8	28.8	27.9	27.1	26.3	25.5	24.6	23.7	22.9	22.0
60°	33.2	32.2	31.2	30.2	29.1	28.1	27.2	26.3	25.4	24.5	23.5
58.75°	35.4	34.6	33.6	32.5	31.4	30.3	29.2	28.0	27.0	26.1	25.1
57.5°	37.3	36.5	35.6	34.8	33.7	32.5	31.3	30.1	28.9	27.7	26.6
56.25°	39.2	38.4	37.5	36.6	35.6	34.7	33.5	32.2	30.9	29.6	28.2
55°	40.6	39.9	39.3	38.4	37.4	36.4	35.4	34.3	33.0	31.6	30.2
53.75°	41.9	41.3	40.6	39.9	39.1	38.1	37.0	36.0	34.9	33.6	32.1
52.5°	43.3	42.6	41.9	41.1	40.4	39.6	38.7	37.6	36.4	35.3	34.0
51.25°	44.6	43.9	43.1	42.4	41.6	40.8	40.0	39.2	38.0	36.8	35.6
50°	45.9	45.2	44.4	43.6	42.8	42.0	41.2	40.3	39.4	38.3	37.0
48.75°	47.2	46.5	45.7	44.9	44.0	43.2	42.3	41.4	40.5	39.6	38.5
47.5°	48.5	47.7	46.9	46.1	45.2	44.3	43.4	42.5	41.6	40.7	39.7
46.25°	49.7	48.9	48.1	47.2	46.4	45.5	44.6	43.6	42.7	41.7	40.7
45°	50.4	49.9	49.3	48.4	47.5	46.6	45.7	44.7	43.7	42.7	41.7
43.75°	51.2	50.7	50.1	49.6	48.6	47.7	46.7	45.8	44.7	43.7	42.7
42.5°	51.8	51.4	50.8	50.3	49.7	48.8	47.8	46.8	45.8	44.7	43.6
41.25°	52.0	51.8	51.6	51.0	50.4	49.7	48.8	47.8	46.7	45.7	44.6
40°	52.3	52.1	51.9	51.6	51.0	50.4	49.7	48.8	47.7	46.6	45.5
38.75°	52.6	52.3	52.1	51.9	51.7	51.0	50.4	49.7	48.6	47.5	46.4
37.5°	53.1	52.7	52.3	52.1	51.9	51.6	51.0	50.3	49.6	48.4	47.2
36.25°	53.6	53.2	52.7	52.3	52.1	51.9	51.6	50.8	50.1	49.3	48.1
35°	53.9	53.6	53.2	52.7	52.3	52.1	51.8	51.4	50.7	49.9	48.9



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	54.1	53.9	53.6	53.1	52.6	52.3	52.0	51.8	51.2	50.4	49.7
32.5°	54.4	54.1	53.9	53.5	53.0	52.5	52.2	52.0	51.7	51.0	50.2
31.25°	54.7	54.3	54.1	53.9	53.4	52.9	52.4	52.1	51.9	51.4	50.6
30°	55.1	54.6	54.3	54.1	53.8	53.3	52.8	52.3	52.0	51.8	51.1
28.75°	55.5	55.0	54.5	54.2	54.0	53.6	53.1	52.6	52.2	51.9	51.5
27.5°	55.9	55.4	54.9	54.4	54.2	53.9	53.4	52.9	52.4	52.1	51.8
26.25°	56.3	55.8	55.2	54.7	54.3	54.1	53.7	53.2	52.6	52.2	51.9
25°	56.7	56.1	55.6	55.0	54.5	54.2	53.9	53.5	52.9	52.4	52.1
23.75°	57.1	56.5	55.9	55.4	54.8	54.4	54.1	53.8	53.2	52.6	52.2
22.5°	57.5	56.8	56.3	55.7	55.1	54.5	54.2	53.9	53.4	52.8	52.3
21.25°	58.2	57.2	56.6	56.0	55.4	54.8	54.4	54.1	53.7	53.1	52.5
20°	58.8	57.7	56.9	56.3	55.7	55.1	54.5	54.2	53.9	53.3	52.7
18.75°	59.5	58.3	57.2	56.6	56.0	55.3	54.7	54.3	54.0	53.5	52.9
17.5°	60.1	58.8	57.6	56.8	56.2	55.6	55.0	54.4	54.1	53.7	53.1
16.25°	61.4	59.4	58.1	57.1	56.4	55.8	55.2	54.5	54.2	53.9	53.3
15°	62.7	59.9	58.6	57.3	56.7	56.0	55.4	54.7	54.3	54.0	53.5
13.75°	63.9	60.7	59.1	57.8	56.9	56.2	55.6	54.9	54.4	54.0	53.6
12.5°	65.1	61.8	59.5	58.2	57.1	56.4	55.7	55.1	54.5	54.1	53.8
11.25°	66.1	62.8	59.8	58.5	57.2	56.6	55.9	55.2	54.6	54.2	53.9
10°	67.0	63.7	60.3	58.8	57.5	56.7	56.0	55.4	54.7	54.3	53.9
8.75°	69.2	64.5	61.1	59.1	57.8	56.9	56.2	55.5	54.8	54.3	54.0
7.5°	71.3	65.2	61.7	59.4	58.0	57.0	56.3	55.6	54.9	54.4	54.0
6.25°	73.1	65.7	62.3	59.6	58.2	57.1	56.4	55.7	55.0	54.4	54.1
5°	74.6	66.2	62.8	59.8	58.4	57.2	56.5	55.8	55.1	54.4	54.1
3.75°	75.8	66.6	63.1	59.9	58.5	57.2	56.5	55.8	55.1	54.5	54.1
2.5°	76.6	66.9	63.4	60.0	58.6	57.3	56.6	55.9	55.2	54.5	54.1
1.25°	77.1	67.0	63.5	60.1	58.7	57.3	56.6	55.9	55.2	54.5	54.1
0°	77.3	67.1	63.6	60.1	58.7	57.3	56.6	55.9	55.2	54.5	54.2
-1.25°	77.1	67.0	63.5	60.1	58.7	57.3	56.6	55.9	55.2	54.5	54.1
-2.5°	76.6	66.9	63.4	60.0	58.6	57.3	56.6	55.9	55.2	54.5	54.1
-3.75°	75.8	66.6	63.1	59.9	58.5	57.2	56.5	55.8	55.1	54.5	54.1
-5°	74.6	66.2	62.8	59.8	58.4	57.2	56.5	55.8	55.1	54.4	54.1
-6.25°	73.1	65.7	62.3	59.6	58.2	57.1	56.4	55.7	55.0	54.4	54.1
-7.5°	71.3	65.2	61.7	59.4	58.0	57.0	56.3	55.6	54.9	54.4	54.0
-8.75°	69.2	64.5	61.1	59.1	57.8	56.9	56.2	55.5	54.8	54.3	54.0
-10°	67.0	63.7	60.3	58.8	57.5	56.7	56.0	55.4	54.7	54.3	53.9
-11.25°	66.1	62.8	59.8	58.5	57.2	56.6	55.9	55.2	54.6	54.2	53.9
-12.5°	65.1	61.8	59.5	58.2	57.1	56.4	55.7	55.1	54.5	54.1	53.8
-13.75°	63.9	60.7	59.1	57.8	56.9	56.2	55.6	54.9	54.4	54.0	53.6
-15°	62.7	59.9	58.6	57.3	56.7	56.0	55.4	54.7	54.3	54.0	53.5
-16.25°	61.4	59.4	58.1	57.1	56.4	55.8	55.2	54.5	54.2	53.9	53.3
-17.5°	60.1	58.8	57.6	56.8	56.2	55.6	55.0	54.4	54.1	53.7	53.1
-18.75°	59.5	58.3	57.2	56.6	56.0	55.3	54.7	54.3	54.0	53.5	52.9
-20°	58.8	57.7	56.9	56.3	55.7	55.1	54.5	54.2	53.9	53.3	52.7
-21.25°	58.2	57.2	56.6	56.0	55.4	54.8	54.4	54.1	53.7	53.1	52.5



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	57.5	56.8	56.3	55.7	55.1	54.5	54.2	53.9	53.4	52.8	52.3
-23.75°	57.1	56.5	55.9	55.4	54.8	54.4	54.1	53.8	53.2	52.6	52.2
-25°	56.7	56.1	55.6	55.0	54.5	54.2	53.9	53.5	52.9	52.4	52.1
-26.25°	56.3	55.8	55.2	54.7	54.3	54.1	53.7	53.2	52.6	52.2	51.9
-27.5°	55.9	55.4	54.9	54.4	54.2	53.9	53.4	52.9	52.4	52.1	51.8
-28.75°	55.5	55.0	54.5	54.2	54.0	53.6	53.1	52.6	52.2	51.9	51.5
-30°	55.1	54.6	54.3	54.1	53.8	53.3	52.8	52.3	52.0	51.8	51.1
-31.25°	54.7	54.3	54.1	53.9	53.4	52.9	52.4	52.1	51.9	51.4	50.6
-32.5°	54.4	54.1	53.9	53.5	53.0	52.5	52.2	52.0	51.7	51.0	50.2
-33.75°	54.1	53.9	53.6	53.1	52.6	52.3	52.0	51.8	51.2	50.4	49.7
-35°	53.9	53.6	53.2	52.7	52.3	52.1	51.8	51.4	50.7	49.9	48.9
-36.25°	53.6	53.2	52.7	52.3	52.1	51.9	51.6	50.8	50.1	49.3	48.1
-37.5°	53.1	52.7	52.3	52.1	51.9	51.6	51.0	50.3	49.6	48.4	47.2
-38.75°	52.6	52.3	52.1	51.9	51.7	51.0	50.4	49.7	48.6	47.5	46.4
-40°	52.3	52.1	51.9	51.6	51.0	50.4	49.7	48.8	47.7	46.6	45.5
-41.25°	52.0	51.8	51.6	51.0	50.4	49.7	48.8	47.8	46.7	45.7	44.6
-42.5°	51.8	51.4	50.8	50.3	49.7	48.8	47.8	46.8	45.8	44.7	43.6
-43.75°	51.2	50.7	50.1	49.6	48.6	47.7	46.7	45.8	44.7	43.7	42.7
-45°	50.4	49.9	49.3	48.4	47.5	46.6	45.7	44.7	43.7	42.7	41.7
-46.25°	49.7	48.9	48.1	47.2	46.4	45.5	44.6	43.6	42.7	41.7	40.7
-47.5°	48.5	47.7	46.9	46.1	45.2	44.3	43.4	42.5	41.6	40.7	39.7
-48.75°	47.2	46.5	45.7	44.9	44.0	43.2	42.3	41.4	40.5	39.6	38.5
-50°	45.9	45.2	44.4	43.6	42.8	42.0	41.2	40.3	39.4	38.3	37.0
-51.25°	44.6	43.9	43.1	42.4	41.6	40.8	40.0	39.2	38.0	36.8	35.6
-52.5°	43.3	42.6	41.9	41.1	40.4	39.6	38.7	37.6	36.4	35.3	34.0
-53.75°	41.9	41.3	40.6	39.9	39.1	38.1	37.0	36.0	34.9	33.6	32.1
-55°	40.6	39.9	39.3	38.4	37.4	36.4	35.4	34.3	33.0	31.6	30.2
-56.25°	39.2	38.4	37.5	36.6	35.6	34.7	33.5	32.2	30.9	29.6	28.2
-57.5°	37.3	36.5	35.6	34.8	33.7	32.5	31.3	30.1	28.9	27.7	26.6
-58.75°	35.4	34.6	33.6	32.5	31.4	30.3	29.2	28.0	27.0	26.1	25.1
-60°	33.2	32.2	31.2	30.2	29.1	28.1	27.2	26.3	25.4	24.5	23.5
-61.25°	30.7	29.8	28.8	27.9	27.1	26.3	25.5	24.6	23.7	22.9	22.0
-62.5°	28.2	27.5	26.7	26.0	25.3	24.5	23.7	22.9	22.1	21.3	20.4
-63.75°	26.2	25.5	24.9	24.2	23.4	22.7	22.0	21.2	20.4	19.6	18.8
-65°	24.2	23.6	23.0	22.3	21.6	20.9	20.2	19.5	18.7	18.1	17.6
-66.25°	22.2	21.7	21.0	20.4	19.8	19.1	18.4	17.9	17.5	17.1	16.7
-67.5°	20.3	19.7	19.1	18.5	18.0	17.7	17.3	17.0	16.6	16.2	15.8
-68.75°	18.3	17.9	17.6	17.3	17.0	16.7	16.3	16.0	15.6	15.3	15.1
-70°	17.1	16.8	16.5	16.2	15.9	15.6	15.3	15.2	15.0	14.8	14.7
-71.25°	16.0	15.7	15.4	15.3	15.1	15.0	14.8	14.7	14.5	14.4	14.2
-72.5°	15.1	15.0	14.9	14.7	14.6	14.5	14.3	14.2	14.0	13.8	13.6
-73.75°	14.5	14.4	14.3	14.2	14.1	13.9	13.7	13.5	13.3	13.1	12.9
-75°	13.9	13.8	13.6	13.5	13.3	13.1	12.9	12.7	12.6	12.4	12.2
-76.25°	13.1	12.9	12.8	12.6	12.5	12.3	12.1	12.0	11.7	11.4	11.1
-77.5°	12.2	12.1	11.9	11.7	11.5	11.3	11.0	10.8	10.5	10.2	10.0



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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°
-78.75°	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.2	9.0	8.8
-80°	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.1	7.9	7.7
-81.25°	8.1	8.0	7.9	7.8	7.6	7.5	7.4	7.2	7.1	6.9	6.8
-82.5°	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.1	5.9	5.8
-83.75°	5.8	5.7	5.6	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8
-85°	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.9
-86.25°	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
-88.75°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
86.25°	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1
85°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
83.75°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5
82.5°	5.7	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
81.25°	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4	5.3	5.1	4.9
80°	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6
78.75°	8.5	8.3	8.1	7.9	7.6	7.4	7.2	7.0	6.7	6.5	6.3
77.5°	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	7.5	7.2	7.0
76.25°	10.8	10.5	10.2	9.9	9.5	9.2	8.9	8.5	8.2	7.9	7.6
75°	12.0	11.7	11.3	11.0	10.6	10.2	9.9	9.5	9.1	8.7	8.3
73.75°	12.7	12.4	12.2	12.0	11.6	11.2	10.8	10.4	10.0	9.6	9.2
72.5°	13.3	13.1	12.9	12.6	12.4	12.1	11.8	11.4	10.9	10.5	10.0
71.25°	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	11.8	11.3	10.8
70°	14.5	14.3	14.1	13.9	13.6	13.3	13.0	12.7	12.4	12.1	11.7
68.75°	14.9	14.7	14.5	14.3	14.1	13.9	13.6	13.3	12.9	12.6	12.3
67.5°	15.4	15.2	15.0	14.8	14.5	14.3	14.1	13.8	13.5	13.1	12.8
66.25°	16.3	15.8	15.4	15.2	14.9	14.7	14.5	14.2	14.0	13.6	13.3
65°	17.2	16.7	16.3	15.8	15.3	15.1	14.9	14.6	14.3	14.1	13.7
63.75°	18.1	17.6	17.1	16.6	16.1	15.6	15.2	15.0	14.7	14.4	14.2
62.5°	19.5	18.6	17.9	17.4	16.9	16.3	15.8	15.3	15.0	14.8	14.5
61.25°	21.1	20.1	19.2	18.2	17.7	17.1	16.5	16.0	15.4	15.1	14.8
60°	22.6	21.6	20.6	19.6	18.6	17.9	17.3	16.7	16.1	15.4	15.1
58.75°	24.1	23.1	22.1	21.0	20.0	18.9	18.0	17.4	16.7	16.1	15.4
57.5°	25.6	24.6	23.5	22.4	21.3	20.2	19.1	18.1	17.4	16.7	16.1
56.25°	27.1	26.0	24.9	23.8	22.6	21.5	20.3	19.1	18.1	17.4	16.7
55°	28.8	27.5	26.3	25.1	24.0	22.8	21.5	20.3	19.1	18.0	17.3
53.75°	30.6	29.1	27.7	26.5	25.3	24.0	22.8	21.5	20.2	18.9	17.9
52.5°	32.5	30.9	29.3	27.8	26.5	25.3	24.0	22.6	21.3	20.0	18.6
51.25°	34.3	32.7	31.1	29.4	27.8	26.5	25.1	23.8	22.4	21.0	19.6
50°	35.7	34.4	32.8	31.1	29.3	27.7	26.3	24.9	23.5	22.1	20.6
48.75°	37.1	35.8	34.4	32.7	30.9	29.1	27.5	26.0	24.6	23.1	21.6
47.5°	38.5	37.1	35.7	34.3	32.5	30.6	28.8	27.1	25.6	24.1	22.6
46.25°	39.7	38.5	37.0	35.6	34.0	32.1	30.2	28.2	26.6	25.1	23.5
45°	40.7	39.6	38.3	36.8	35.3	33.6	31.6	29.6	27.7	26.1	24.5
43.75°	41.6	40.5	39.4	38.0	36.4	34.9	33.0	30.9	28.9	27.0	25.4
42.5°	42.5	41.4	40.3	39.2	37.6	36.0	34.3	32.2	30.1	28.0	26.3
41.25°	43.4	42.3	41.2	40.0	38.7	37.0	35.4	33.5	31.3	29.2	27.2
40°	44.3	43.2	42.0	40.8	39.6	38.1	36.4	34.7	32.5	30.3	28.1
38.75°	45.2	44.0	42.8	41.6	40.4	39.1	37.4	35.6	33.7	31.4	29.1
37.5°	46.1	44.9	43.6	42.4	41.1	39.9	38.4	36.6	34.8	32.5	30.2
36.25°	46.9	45.7	44.4	43.1	41.9	40.6	39.3	37.5	35.6	33.6	31.2
35°	47.7	46.5	45.2	43.9	42.6	41.3	39.9	38.4	36.5	34.6	32.2



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	48.5	47.2	45.9	44.6	43.3	41.9	40.6	39.2	37.3	35.4	33.2
32.5°	49.2	47.9	46.6	45.3	43.9	42.6	41.2	39.8	38.1	36.2	34.2
31.25°	49.8	48.7	47.3	46.0	44.6	43.2	41.8	40.4	38.9	36.9	34.9
30°	50.3	49.4	48.0	46.6	45.2	43.8	42.4	41.0	39.5	37.6	35.6
28.75°	50.7	49.9	48.7	47.3	45.9	44.4	43.0	41.5	40.0	38.3	36.3
27.5°	51.1	50.3	49.3	47.9	46.4	45.0	43.5	42.0	40.5	39.0	36.9
26.25°	51.5	50.7	49.8	48.4	47.0	45.5	44.0	42.5	41.0	39.5	37.5
25°	51.8	51.0	50.1	49.0	47.5	46.1	44.5	43.0	41.5	40.0	38.1
23.75°	51.9	51.4	50.5	49.5	48.1	46.6	45.0	43.5	41.9	40.4	38.7
22.5°	52.0	51.7	50.8	49.9	48.5	47.0	45.5	43.9	42.4	40.8	39.2
21.25°	52.1	51.8	51.1	50.2	49.0	47.5	45.9	44.4	42.8	41.2	39.6
20°	52.2	51.9	51.4	50.5	49.5	47.9	46.4	44.8	43.2	41.5	39.9
18.75°	52.3	52.0	51.7	50.7	49.8	48.3	46.7	45.1	43.5	41.9	40.3
17.5°	52.5	52.1	51.8	51.0	50.0	48.7	47.1	45.5	43.9	42.2	40.6
16.25°	52.6	52.2	51.9	51.2	50.2	49.0	47.4	45.8	44.2	42.5	40.9
15°	52.8	52.3	51.9	51.4	50.5	49.4	47.8	46.1	44.5	42.8	41.1
13.75°	53.0	52.4	52.0	51.7	50.7	49.6	48.0	46.4	44.7	43.1	41.4
12.5°	53.1	52.4	52.1	51.7	50.8	49.8	48.3	46.7	45.0	43.3	41.6
11.25°	53.2	52.6	52.1	51.8	51.0	50.0	48.6	46.9	45.2	43.5	41.8
10°	53.4	52.7	52.2	51.9	51.1	50.1	48.8	47.1	45.4	43.7	42.0
8.75°	53.5	52.8	52.2	51.9	51.3	50.2	49.0	47.3	45.6	43.9	42.2
7.5°	53.5	52.9	52.3	51.9	51.4	50.3	49.1	47.5	45.8	44.0	42.3
6.25°	53.6	52.9	52.3	52.0	51.5	50.4	49.3	47.6	45.9	44.2	42.4
5°	53.7	53.0	52.3	52.0	51.6	50.5	49.4	47.7	46.0	44.3	42.5
3.75°	53.7	53.0	52.4	52.0	51.6	50.6	49.5	47.8	46.1	44.3	42.6
2.5°	53.8	53.1	52.4	52.0	51.7	50.6	49.5	47.9	46.2	44.4	42.7
1.25°	53.8	53.1	52.4	52.0	51.7	50.6	49.6	47.9	46.2	44.4	42.7
0°	53.8	53.1	52.4	52.1	51.7	50.7	49.6	47.9	46.2	44.5	42.7
-1.25°	53.8	53.1	52.4	52.0	51.7	50.6	49.6	47.9	46.2	44.4	42.7
-2.5°	53.8	53.1	52.4	52.0	51.7	50.6	49.5	47.9	46.2	44.4	42.7
-3.75°	53.7	53.0	52.4	52.0	51.6	50.6	49.5	47.8	46.1	44.3	42.6
-5°	53.7	53.0	52.3	52.0	51.6	50.5	49.4	47.7	46.0	44.3	42.5
-6.25°	53.6	52.9	52.3	52.0	51.5	50.4	49.3	47.6	45.9	44.2	42.4
-7.5°	53.5	52.9	52.3	51.9	51.4	50.3	49.1	47.5	45.8	44.0	42.3
-8.75°	53.5	52.8	52.2	51.9	51.3	50.2	49.0	47.3	45.6	43.9	42.2
-10°	53.4	52.7	52.2	51.9	51.1	50.1	48.8	47.1	45.4	43.7	42.0
-11.25°	53.2	52.6	52.1	51.8	51.0	50.0	48.6	46.9	45.2	43.5	41.8
-12.5°	53.1	52.4	52.1	51.7	50.8	49.8	48.3	46.7	45.0	43.3	41.6
-13.75°	53.0	52.4	52.0	51.7	50.7	49.6	48.0	46.4	44.7	43.1	41.4
-15°	52.8	52.3	51.9	51.4	50.5	49.4	47.8	46.1	44.5	42.8	41.1
-16.25°	52.6	52.2	51.9	51.2	50.2	49.0	47.4	45.8	44.2	42.5	40.9
-17.5°	52.5	52.1	51.8	51.0	50.0	48.7	47.1	45.5	43.9	42.2	40.6
-18.75°	52.3	52.0	51.7	50.7	49.8	48.3	46.7	45.1	43.5	41.9	40.3
-20°	52.2	51.9	51.4	50.5	49.5	47.9	46.4	44.8	43.2	41.5	39.9
-21.25°	52.1	51.8	51.1	50.2	49.0	47.5	45.9	44.4	42.8	41.2	39.6





REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	52.0	51.7	50.8	49.9	48.5	47.0	45.5	43.9	42.4	40.8	39.2
-23.75°	51.9	51.4	50.5	49.5	48.1	46.6	45.0	43.5	41.9	40.4	38.7
-25°	51.8	51.0	50.1	49.0	47.5	46.1	44.5	43.0	41.5	40.0	38.1
-26.25°	51.5	50.7	49.8	48.4	47.0	45.5	44.0	42.5	41.0	39.5	37.5
-27.5°	51.1	50.3	49.3	47.9	46.4	45.0	43.5	42.0	40.5	39.0	36.9
-28.75°	50.7	49.9	48.7	47.3	45.9	44.4	43.0	41.5	40.0	38.3	36.3
-30°	50.3	49.4	48.0	46.6	45.2	43.8	42.4	41.0	39.5	37.6	35.6
-31.25°	49.8	48.7	47.3	46.0	44.6	43.2	41.8	40.4	38.9	36.9	34.9
-32.5°	49.2	47.9	46.6	45.3	43.9	42.6	41.2	39.8	38.1	36.2	34.2
-33.75°	48.5	47.2	45.9	44.6	43.3	41.9	40.6	39.2	37.3	35.4	33.2
-35°	47.7	46.5	45.2	43.9	42.6	41.3	39.9	38.4	36.5	34.6	32.2
-36.25°	46.9	45.7	44.4	43.1	41.9	40.6	39.3	37.5	35.6	33.6	31.2
-37.5°	46.1	44.9	43.6	42.4	41.1	39.9	38.4	36.6	34.8	32.5	30.2
-38.75°	45.2	44.0	42.8	41.6	40.4	39.1	37.4	35.6	33.7	31.4	29.1
-40°	44.3	43.2	42.0	40.8	39.6	38.1	36.4	34.7	32.5	30.3	28.1
-41.25°	43.4	42.3	41.2	40.0	38.7	37.0	35.4	33.5	31.3	29.2	27.2
-42.5°	42.5	41.4	40.3	39.2	37.6	36.0	34.3	32.2	30.1	28.0	26.3
-43.75°	41.6	40.5	39.4	38.0	36.4	34.9	33.0	30.9	28.9	27.0	25.4
-45°	40.7	39.6	38.3	36.8	35.3	33.6	31.6	29.6	27.7	26.1	24.5
-46.25°	39.7	38.5	37.0	35.6	34.0	32.1	30.2	28.2	26.6	25.1	23.5
-47.5°	38.5	37.1	35.7	34.3	32.5	30.6	28.8	27.1	25.6	24.1	22.6
-48.75°	37.1	35.8	34.4	32.7	30.9	29.1	27.5	26.0	24.6	23.1	21.6
-50°	35.7	34.4	32.8	31.1	29.3	27.7	26.3	24.9	23.5	22.1	20.6
-51.25°	34.3	32.7	31.1	29.4	27.8	26.5	25.1	23.8	22.4	21.0	19.6
-52.5°	32.5	30.9	29.3	27.8	26.5	25.3	24.0	22.6	21.3	20.0	18.6
-53.75°	30.6	29.1	27.7	26.5	25.3	24.0	22.8	21.5	20.2	18.9	17.9
-55°	28.8	27.5	26.3	25.1	24.0	22.8	21.5	20.3	19.1	18.0	17.3
-56.25°	27.1	26.0	24.9	23.8	22.6	21.5	20.3	19.1	18.1	17.4	16.7
-57.5°	25.6	24.6	23.5	22.4	21.3	20.2	19.1	18.1	17.4	16.7	16.1
-58.75°	24.1	23.1	22.1	21.0	20.0	18.9	18.0	17.4	16.7	16.1	15.4
-60°	22.6	21.6	20.6	19.6	18.6	17.9	17.3	16.7	16.1	15.4	15.1
-61.25°	21.1	20.1	19.2	18.2	17.7	17.1	16.5	16.0	15.4	15.1	14.8
-62.5°	19.5	18.6	17.9	17.4	16.9	16.3	15.8	15.3	15.0	14.8	14.5
-63.75°	18.1	17.6	17.1	16.6	16.1	15.6	15.2	15.0	14.7	14.4	14.2
-65°	17.2	16.7	16.3	15.8	15.3	15.1	14.9	14.6	14.3	14.1	13.7
-66.25°	16.3	15.8	15.4	15.2	14.9	14.7	14.5	14.2	14.0	13.6	13.3
-67.5°	15.4	15.2	15.0	14.8	14.5	14.3	14.1	13.8	13.5	13.1	12.8
-68.75°	14.9	14.7	14.5	14.3	14.1	13.9	13.6	13.3	12.9	12.6	12.3
-70°	14.5	14.3	14.1	13.9	13.6	13.3	13.0	12.7	12.4	12.1	11.7
-71.25°	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	11.8	11.3	10.8
-72.5°	13.3	13.1	12.9	12.6	12.4	12.1	11.8	11.4	10.9	10.5	10.0
-73.75°	12.7	12.4	12.2	12.0	11.6	11.2	10.8	10.4	10.0	9.6	9.2
-75°	12.0	11.7	11.3	11.0	10.6	10.2	9.9	9.5	9.1	8.7	8.3
-76.25°	10.8	10.5	10.2	9.9	9.5	9.2	8.9	8.5	8.2	7.9	7.6
-77.5°	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	7.5	7.2	7.0



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	8.5	8.3	8.1	7.9	7.6	7.4	7.2	7.0	6.7	6.5	6.3
-80°	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6
-81.25°	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4	5.3	5.1	4.9
-82.5°	5.7	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
-83.75°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5
-85°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
-86.25°	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-88.75°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	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: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-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°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
87.5°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8
86.25°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
85°	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6
83.75°	3.4	3.2	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0
82.5°	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3
81.25°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
80°	5.4	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.1
78.75°	6.0	5.8	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.8	3.5
77.5°	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.8	4.5	4.2	3.9
76.25°	7.4	7.1	6.8	6.5	6.2	5.8	5.5	5.2	4.9	4.6	4.3
75°	8.0	7.7	7.4	7.0	6.7	6.4	6.0	5.7	5.3	5.0	4.7
73.75°	8.7	8.3	8.0	7.6	7.2	6.9	6.5	6.2	5.8	5.4	5.0
72.5°	9.5	9.1	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4
71.25°	10.4	9.8	9.3	8.8	8.3	7.9	7.5	7.1	6.6	6.2	5.8
70°	11.2	10.6	10.1	9.5	9.0	8.4	8.0	7.5	7.1	6.6	6.2
68.75°	11.9	11.4	10.8	10.2	9.7	9.1	8.5	8.0	7.5	7.0	6.5
67.5°	12.4	12.0	11.5	10.9	10.3	9.7	9.1	8.4	7.9	7.4	6.9
66.25°	12.9	12.5	12.1	11.6	11.0	10.3	9.7	9.0	8.3	7.8	7.2
65°	13.4	13.0	12.5	12.1	11.6	10.9	10.2	9.5	8.8	8.2	7.6
63.75°	13.8	13.4	13.0	12.5	12.1	11.5	10.8	10.1	9.3	8.6	8.0
62.5°	14.2	13.8	13.4	13.0	12.5	12.0	11.4	10.6	9.8	9.1	8.3
61.25°	14.5	14.2	13.8	13.4	12.9	12.4	11.9	11.2	10.4	9.5	8.7
60°	14.8	14.5	14.2	13.7	13.3	12.8	12.3	11.7	10.8	10.0	9.2
58.75°	15.1	14.8	14.4	14.1	13.6	13.1	12.6	12.1	11.3	10.5	9.6
57.5°	15.4	15.0	14.7	14.3	14.0	13.5	12.9	12.4	11.8	10.9	10.0
56.25°	16.0	15.3	15.0	14.6	14.2	13.8	13.3	12.7	12.1	11.4	10.4
55°	16.5	15.8	15.2	14.9	14.5	14.1	13.6	13.0	12.4	11.8	10.8
53.75°	17.1	16.3	15.6	15.1	14.7	14.3	13.9	13.3	12.7	12.1	11.2
52.5°	17.7	16.9	16.1	15.3	14.9	14.5	14.1	13.6	13.0	12.4	11.6
51.25°	18.2	17.4	16.6	15.8	15.2	14.8	14.3	13.9	13.2	12.6	12.0
50°	19.2	17.9	17.1	16.3	15.4	15.0	14.5	14.1	13.5	12.9	12.2
48.75°	20.1	18.6	17.6	16.7	15.8	15.2	14.7	14.3	13.8	13.1	12.4
47.5°	21.1	19.5	18.1	17.2	16.3	15.4	14.9	14.5	14.0	13.3	12.7
46.25°	22.0	20.4	18.8	17.6	16.7	15.8	15.1	14.7	14.2	13.6	12.9
45°	22.9	21.3	19.6	18.1	17.1	16.2	15.3	14.8	14.4	13.8	13.1
43.75°	23.7	22.1	20.4	18.7	17.5	16.6	15.6	15.0	14.5	14.0	13.3
42.5°	24.6	22.9	21.2	19.5	17.9	17.0	16.0	15.2	14.7	14.2	13.5
41.25°	25.5	23.7	22.0	20.2	18.4	17.3	16.3	15.3	14.8	14.3	13.7
40°	26.3	24.5	22.7	20.9	19.1	17.7	16.7	15.6	15.0	14.5	13.9
38.75°	27.1	25.3	23.4	21.6	19.8	18.0	17.0	15.9	15.1	14.6	14.1
37.5°	27.9	26.0	24.2	22.3	20.4	18.5	17.3	16.2	15.3	14.7	14.2
36.25°	28.8	26.7	24.9	23.0	21.0	19.1	17.6	16.5	15.4	14.9	14.3
35°	29.8	27.5	25.5	23.6	21.7	19.7	17.9	16.8	15.7	15.0	14.4

REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	30.7	28.2	26.2	24.2	22.2	20.3	18.3	17.1	16.0	15.1	14.5
32.5°	31.6	29.1	26.8	24.8	22.8	20.8	18.8	17.4	16.2	15.2	14.6
31.25°	32.5	29.9	27.4	25.4	23.4	21.3	19.3	17.6	16.5	15.3	14.8
30°	33.3	30.7	28.1	26.0	23.9	21.8	19.8	17.9	16.7	15.5	14.9
28.75°	34.2	31.5	28.8	26.5	24.4	22.3	20.2	18.1	16.9	15.7	15.0
27.5°	34.8	32.2	29.5	27.1	24.9	22.8	20.7	18.5	17.2	15.9	15.0
26.25°	35.4	33.0	30.2	27.6	25.4	23.2	21.1	18.9	17.4	16.1	15.1
25°	36.0	33.6	30.9	28.1	25.9	23.7	21.5	19.3	17.6	16.3	15.2
23.75°	36.5	34.3	31.5	28.6	26.3	24.1	21.9	19.7	17.8	16.5	15.3
22.5°	37.0	34.8	32.1	29.2	26.7	24.5	22.2	20.0	17.9	16.7	15.4
21.25°	37.5	35.3	32.6	29.8	27.1	24.9	22.6	20.3	18.1	16.8	15.5
20°	38.0	35.7	33.2	30.3	27.5	25.2	22.9	20.6	18.4	17.0	15.7
18.75°	38.4	36.1	33.7	30.7	27.8	25.5	23.2	20.9	18.6	17.1	15.8
17.5°	38.8	36.5	34.2	31.2	28.2	25.9	23.5	21.2	18.9	17.3	15.9
16.25°	39.2	36.9	34.5	31.6	28.6	26.1	23.8	21.5	19.1	17.4	16.1
15°	39.5	37.2	34.9	32.0	29.0	26.4	24.1	21.7	19.4	17.5	16.2
13.75°	39.7	37.5	35.2	32.4	29.3	26.7	24.3	21.9	19.6	17.6	16.3
12.5°	39.9	37.8	35.4	32.7	29.6	26.9	24.5	22.1	19.7	17.7	16.4
11.25°	40.1	38.1	35.7	33.0	29.9	27.1	24.7	22.3	19.9	17.8	16.4
10°	40.3	38.3	35.9	33.3	30.2	27.3	24.9	22.5	20.1	17.9	16.5
8.75°	40.4	38.5	36.1	33.5	30.4	27.5	25.0	22.6	20.2	18.0	16.6
7.5°	40.6	38.7	36.3	33.7	30.6	27.6	25.2	22.8	20.3	18.0	16.6
6.25°	40.7	38.9	36.4	33.9	30.8	27.7	25.3	22.9	20.4	18.1	16.7
5°	40.8	39.0	36.5	34.0	30.9	27.8	25.4	22.9	20.5	18.1	16.7
3.75°	40.9	39.1	36.6	34.2	31.0	27.9	25.5	23.0	20.6	18.2	16.8
2.5°	40.9	39.1	36.7	34.2	31.1	28.0	25.5	23.1	20.6	18.2	16.8
1.25°	40.9	39.2	36.7	34.3	31.1	28.0	25.5	23.1	20.6	18.2	16.8
0°	41.0	39.2	36.8	34.3	31.2	28.0	25.6	23.1	20.7	18.2	16.8
-1.25°	40.9	39.2	36.7	34.3	31.1	28.0	25.5	23.1	20.6	18.2	16.8
-2.5°	40.9	39.1	36.7	34.2	31.1	28.0	25.5	23.1	20.6	18.2	16.8
-3.75°	40.9	39.1	36.6	34.2	31.0	27.9	25.5	23.0	20.6	18.2	16.8
-5°	40.8	39.0	36.5	34.0	30.9	27.8	25.4	22.9	20.5	18.1	16.7
-6.25°	40.7	38.9	36.4	33.9	30.8	27.7	25.3	22.9	20.4	18.1	16.7
-7.5°	40.6	38.7	36.3	33.7	30.6	27.6	25.2	22.8	20.3	18.0	16.6
-8.75°	40.4	38.5	36.1	33.5	30.4	27.5	25.0	22.6	20.2	18.0	16.6
-10°	40.3	38.3	35.9	33.3	30.2	27.3	24.9	22.5	20.1	17.9	16.5
-11.25°	40.1	38.1	35.7	33.0	29.9	27.1	24.7	22.3	19.9	17.8	16.4
-12.5°	39.9	37.8	35.4	32.7	29.6	26.9	24.5	22.1	19.7	17.7	16.4
-13.75°	39.7	37.5	35.2	32.4	29.3	26.7	24.3	21.9	19.6	17.6	16.3
-15°	39.5	37.2	34.9	32.0	29.0	26.4	24.1	21.7	19.4	17.5	16.2
-16.25°	39.2	36.9	34.5	31.6	28.6	26.1	23.8	21.5	19.1	17.4	16.1
-17.5°	38.8	36.5	34.2	31.2	28.2	25.9	23.5	21.2	18.9	17.3	15.9
-18.75°	38.4	36.1	33.7	30.7	27.8	25.5	23.2	20.9	18.6	17.1	15.8
-20°	38.0	35.7	33.2	30.3	27.5	25.2	22.9	20.6	18.4	17.0	15.7
-21.25°	37.5	35.3	32.6	29.8	27.1	24.9	22.6	20.3	18.1	16.8	15.5

REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	37.0	34.8	32.1	29.2	26.7	24.5	22.2	20.0	17.9	16.7	15.4
-23.75°	36.5	34.3	31.5	28.6	26.3	24.1	21.9	19.7	17.8	16.5	15.3
-25°	36.0	33.6	30.9	28.1	25.9	23.7	21.5	19.3	17.6	16.3	15.2
-26.25°	35.4	33.0	30.2	27.6	25.4	23.2	21.1	18.9	17.4	16.1	15.1
-27.5°	34.8	32.2	29.5	27.1	24.9	22.8	20.7	18.5	17.2	15.9	15.0
-28.75°	34.2	31.5	28.8	26.5	24.4	22.3	20.2	18.1	16.9	15.7	15.0
-30°	33.3	30.7	28.1	26.0	23.9	21.8	19.8	17.9	16.7	15.5	14.9
-31.25°	32.5	29.9	27.4	25.4	23.4	21.3	19.3	17.6	16.5	15.3	14.8
-32.5°	31.6	29.1	26.8	24.8	22.8	20.8	18.8	17.4	16.2	15.2	14.6
-33.75°	30.7	28.2	26.2	24.2	22.2	20.3	18.3	17.1	16.0	15.1	14.5
-35°	29.8	27.5	25.5	23.6	21.7	19.7	17.9	16.8	15.7	15.0	14.4
-36.25°	28.8	26.7	24.9	23.0	21.0	19.1	17.6	16.5	15.4	14.9	14.3
-37.5°	27.9	26.0	24.2	22.3	20.4	18.5	17.3	16.2	15.3	14.7	14.2
-38.75°	27.1	25.3	23.4	21.6	19.8	18.0	17.0	15.9	15.1	14.6	14.1
-40°	26.3	24.5	22.7	20.9	19.1	17.7	16.7	15.6	15.0	14.5	13.9
-41.25°	25.5	23.7	22.0	20.2	18.4	17.3	16.3	15.3	14.8	14.3	13.7
-42.5°	24.6	22.9	21.2	19.5	17.9	17.0	16.0	15.2	14.7	14.2	13.5
-43.75°	23.7	22.1	20.4	18.7	17.5	16.6	15.6	15.0	14.5	14.0	13.3
-45°	22.9	21.3	19.6	18.1	17.1	16.2	15.3	14.8	14.4	13.8	13.1
-46.25°	22.0	20.4	18.8	17.6	16.7	15.8	15.1	14.7	14.2	13.6	12.9
-47.5°	21.1	19.5	18.1	17.2	16.3	15.4	14.9	14.5	14.0	13.3	12.7
-48.75°	20.1	18.6	17.6	16.7	15.8	15.2	14.7	14.3	13.8	13.1	12.4
-50°	19.2	17.9	17.1	16.3	15.4	15.0	14.5	14.1	13.5	12.9	12.2
-51.25°	18.2	17.4	16.6	15.8	15.2	14.8	14.3	13.9	13.2	12.6	12.0
-52.5°	17.7	16.9	16.1	15.3	14.9	14.5	14.1	13.6	13.0	12.4	11.6
-53.75°	17.1	16.3	15.6	15.1	14.7	14.3	13.9	13.3	12.7	12.1	11.2
-55°	16.5	15.8	15.2	14.9	14.5	14.1	13.6	13.0	12.4	11.8	10.8
-56.25°	16.0	15.3	15.0	14.6	14.2	13.8	13.3	12.7	12.1	11.4	10.4
-57.5°	15.4	15.0	14.7	14.3	14.0	13.5	12.9	12.4	11.8	10.9	10.0
-58.75°	15.1	14.8	14.4	14.1	13.6	13.1	12.6	12.1	11.3	10.5	9.6
-60°	14.8	14.5	14.2	13.7	13.3	12.8	12.3	11.7	10.8	10.0	9.2
-61.25°	14.5	14.2	13.8	13.4	12.9	12.4	11.9	11.2	10.4	9.5	8.7
-62.5°	14.2	13.8	13.4	13.0	12.5	12.0	11.4	10.6	9.8	9.1	8.3
-63.75°	13.8	13.4	13.0	12.5	12.1	11.5	10.8	10.1	9.3	8.6	8.0
-65°	13.4	13.0	12.5	12.1	11.6	10.9	10.2	9.5	8.8	8.2	7.6
-66.25°	12.9	12.5	12.1	11.6	11.0	10.3	9.7	9.0	8.3	7.8	7.2
-67.5°	12.4	12.0	11.5	10.9	10.3	9.7	9.1	8.4	7.9	7.4	6.9
-68.75°	11.9	11.4	10.8	10.2	9.7	9.1	8.5	8.0	7.5	7.0	6.5
-70°	11.2	10.6	10.1	9.5	9.0	8.4	8.0	7.5	7.1	6.6	6.2
-71.25°	10.4	9.8	9.3	8.8	8.3	7.9	7.5	7.1	6.6	6.2	5.8
-72.5°	9.5	9.1	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4
-73.75°	8.7	8.3	8.0	7.6	7.2	6.9	6.5	6.2	5.8	5.4	5.0
-75°	8.0	7.7	7.4	7.0	6.7	6.4	6.0	5.7	5.3	5.0	4.7
-76.25°	7.4	7.1	6.8	6.5	6.2	5.8	5.5	5.2	4.9	4.6	4.3
-77.5°	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.8	4.5	4.2	3.9



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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°
-78.75°	6.0	5.8	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.8	3.5
-80°	5.4	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.1
-81.25°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-82.5°	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3
-83.75°	3.4	3.2	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0
-85°	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6
-86.25°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
-87.5°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8
-88.75°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
87.5°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
86.25°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
85°	1.4	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
83.75°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
82.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
81.25°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4
80°	2.9	2.6	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
78.75°	3.2	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
77.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
76.25°	4.0	3.6	3.3	3.0	2.6	2.3	2.0	1.7	1.3	1.0	0.7
75°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
73.75°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	2.0	1.6	1.2	0.8
72.5°	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
71.25°	5.3	4.9	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
70°	5.7	5.2	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
68.75°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
67.5°	6.4	5.8	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.1
66.25°	6.7	6.2	5.6	5.0	4.5	3.9	3.4	2.8	2.3	1.7	1.1
65°	7.0	6.5	5.9	5.3	4.7	4.1	3.5	3.0	2.4	1.8	1.2
63.75°	7.4	6.8	6.2	5.5	4.9	4.3	3.7	3.1	2.5	1.9	1.2
62.5°	7.7	7.1	6.4	5.8	5.2	4.5	3.9	3.2	2.6	1.9	1.3
61.25°	8.0	7.4	6.7	6.0	5.4	4.7	4.0	3.4	2.7	2.0	1.3
60°	8.3	7.6	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.4
58.75°	8.7	7.9	7.2	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.5
57.5°	9.1	8.2	7.5	6.7	6.0	5.3	4.5	3.8	3.0	2.3	1.5
56.25°	9.5	8.5	7.7	7.0	6.2	5.4	4.7	3.9	3.1	2.3	1.6
55°	9.9	8.9	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.6
53.75°	10.2	9.2	8.2	7.4	6.6	5.8	5.0	4.1	3.3	2.5	1.7
52.5°	10.6	9.5	8.5	7.6	6.8	6.0	5.1	4.3	3.4	2.6	1.7
51.25°	11.0	9.9	8.8	7.9	7.0	6.1	5.2	4.4	3.5	2.6	1.8
50°	11.3	10.2	9.1	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.8
48.75°	11.7	10.5	9.4	8.3	7.4	6.4	5.5	4.6	3.7	2.8	1.8
47.5°	12.0	10.8	9.7	8.5	7.5	6.6	5.7	4.7	3.8	2.8	1.9
46.25°	12.2	11.1	10.0	8.8	7.7	6.8	5.8	4.8	3.9	2.9	1.9
45°	12.4	11.4	10.2	9.0	7.9	6.9	5.9	4.9	4.0	3.0	2.0
43.75°	12.6	11.7	10.5	9.2	8.1	7.1	6.1	5.1	4.0	3.0	2.0
42.5°	12.7	12.0	10.8	9.5	8.2	7.2	6.2	5.2	4.1	3.1	2.1
41.25°	12.9	12.1	11.0	9.7	8.4	7.4	6.3	5.3	4.2	3.2	2.1
40°	13.1	12.3	11.3	9.9	8.6	7.5	6.4	5.4	4.3	3.2	2.1
38.75°	13.3	12.5	11.5	10.2	8.8	7.6	6.5	5.5	4.4	3.3	2.2
37.5°	13.5	12.6	11.7	10.4	9.0	7.8	6.7	5.5	4.4	3.3	2.2
36.25°	13.6	12.8	11.9	10.6	9.2	7.9	6.8	5.6	4.5	3.4	2.3
35°	13.8	12.9	12.1	10.8	9.3	8.0	6.9	5.7	4.6	3.4	2.3



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	13.9	13.1	12.2	11.0	9.5	8.1	7.0	5.8	4.7	3.5	2.3
32.5°	14.1	13.2	12.3	11.2	9.7	8.3	7.1	5.9	4.7	3.5	2.4
31.25°	14.2	13.3	12.5	11.3	9.9	8.4	7.2	6.0	4.8	3.6	2.4
30°	14.3	13.5	12.6	11.5	10.0	8.5	7.3	6.1	4.8	3.6	2.4
28.75°	14.3	13.6	12.7	11.7	10.2	8.6	7.4	6.1	4.9	3.7	2.5
27.5°	14.4	13.7	12.8	11.9	10.3	8.8	7.4	6.2	5.0	3.7	2.5
26.25°	14.5	13.8	12.9	12.0	10.4	8.9	7.5	6.3	5.0	3.8	2.5
25°	14.6	13.9	13.0	12.1	10.6	9.0	7.6	6.3	5.1	3.8	2.5
23.75°	14.7	14.0	13.1	12.1	10.7	9.1	7.7	6.4	5.1	3.8	2.6
22.5°	14.7	14.1	13.2	12.2	10.8	9.2	7.8	6.5	5.2	3.9	2.6
21.25°	14.8	14.2	13.3	12.3	10.9	9.3	7.8	6.5	5.2	3.9	2.6
20°	14.9	14.2	13.4	12.4	11.0	9.4	7.9	6.6	5.3	3.9	2.6
18.75°	14.9	14.3	13.4	12.4	11.1	9.5	8.0	6.6	5.3	4.0	2.7
17.5°	15.0	14.3	13.5	12.5	11.2	9.6	8.0	6.7	5.3	4.0	2.7
16.25°	15.1	14.4	13.6	12.6	11.3	9.7	8.1	6.7	5.4	4.0	2.7
15°	15.1	14.4	13.6	12.6	11.4	9.7	8.1	6.8	5.4	4.1	2.7
13.75°	15.2	14.5	13.7	12.7	11.5	9.8	8.2	6.8	5.4	4.1	2.7
12.5°	15.2	14.5	13.7	12.7	11.6	9.9	8.2	6.8	5.5	4.1	2.7
11.25°	15.2	14.5	13.8	12.8	11.6	9.9	8.2	6.9	5.5	4.1	2.7
10°	15.3	14.6	13.8	12.8	11.7	10.0	8.3	6.9	5.5	4.1	2.8
8.75°	15.3	14.6	13.9	12.8	11.7	10.0	8.3	6.9	5.5	4.2	2.8
7.5°	15.3	14.6	13.9	12.9	11.8	10.0	8.3	6.9	5.6	4.2	2.8
6.25°	15.3	14.7	13.9	12.9	11.8	10.1	8.3	7.0	5.6	4.2	2.8
5°	15.4	14.7	14.0	12.9	11.8	10.1	8.4	7.0	5.6	4.2	2.8
3.75°	15.4	14.7	14.0	12.9	11.9	10.1	8.4	7.0	5.6	4.2	2.8
2.5°	15.4	14.7	14.0	12.9	11.9	10.1	8.4	7.0	5.6	4.2	2.8
1.25°	15.4	14.7	14.0	12.9	11.9	10.1	8.4	7.0	5.6	4.2	2.8
0°	15.4	14.7	14.0	12.9	11.9	10.1	8.4	7.0	5.6	4.2	2.8
-1.25°	15.4	14.7	14.0	12.9	11.9	10.1	8.4	7.0	5.6	4.2	2.8
-2.5°	15.4	14.7	14.0	12.9	11.9	10.1	8.4	7.0	5.6	4.2	2.8
-3.75°	15.4	14.7	14.0	12.9	11.9	10.1	8.4	7.0	5.6	4.2	2.8
-5°	15.4	14.7	14.0	12.9	11.8	10.1	8.4	7.0	5.6	4.2	2.8
-6.25°	15.3	14.7	13.9	12.9	11.8	10.1	8.3	7.0	5.6	4.2	2.8
-7.5°	15.3	14.6	13.9	12.9	11.8	10.0	8.3	6.9	5.6	4.2	2.8
-8.75°	15.3	14.6	13.9	12.8	11.7	10.0	8.3	6.9	5.5	4.2	2.8
-10°	15.3	14.6	13.8	12.8	11.7	10.0	8.3	6.9	5.5	4.1	2.8
-11.25°	15.2	14.5	13.8	12.8	11.6	9.9	8.2	6.9	5.5	4.1	2.7
-12.5°	15.2	14.5	13.7	12.7	11.6	9.9	8.2	6.8	5.5	4.1	2.7
-13.75°	15.2	14.5	13.7	12.7	11.5	9.8	8.2	6.8	5.4	4.1	2.7
-15°	15.1	14.4	13.6	12.6	11.4	9.7	8.1	6.8	5.4	4.1	2.7
-16.25°	15.1	14.4	13.6	12.6	11.3	9.7	8.1	6.7	5.4	4.0	2.7
-17.5°	15.0	14.3	13.5	12.5	11.2	9.6	8.0	6.7	5.3	4.0	2.7
-18.75°	14.9	14.3	13.4	12.4	11.1	9.5	8.0	6.6	5.3	4.0	2.7
-20°	14.9	14.2	13.4	12.4	11.0	9.4	7.9	6.6	5.3	3.9	2.6
-21.25°	14.8	14.2	13.3	12.3	10.9	9.3	7.8	6.5	5.2	3.9	2.6





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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°	14.7	14.1	13.2	12.2	10.8	9.2	7.8	6.5	5.2	3.9	2.6
-23.75°	14.7	14.0	13.1	12.1	10.7	9.1	7.7	6.4	5.1	3.8	2.6
-25°	14.6	13.9	13.0	12.1	10.6	9.0	7.6	6.3	5.1	3.8	2.5
-26.25°	14.5	13.8	12.9	12.0	10.4	8.9	7.5	6.3	5.0	3.8	2.5
-27.5°	14.4	13.7	12.8	11.9	10.3	8.8	7.4	6.2	5.0	3.7	2.5
-28.75°	14.3	13.6	12.7	11.7	10.2	8.6	7.4	6.1	4.9	3.7	2.5
-30°	14.3	13.5	12.6	11.5	10.0	8.5	7.3	6.1	4.8	3.6	2.4
-31.25°	14.2	13.3	12.5	11.3	9.9	8.4	7.2	6.0	4.8	3.6	2.4
-32.5°	14.1	13.2	12.3	11.2	9.7	8.3	7.1	5.9	4.7	3.5	2.4
-33.75°	13.9	13.1	12.2	11.0	9.5	8.1	7.0	5.8	4.7	3.5	2.3
-35°	13.8	12.9	12.1	10.8	9.3	8.0	6.9	5.7	4.6	3.4	2.3
-36.25°	13.6	12.8	11.9	10.6	9.2	7.9	6.8	5.6	4.5	3.4	2.3
-37.5°	13.5	12.6	11.7	10.4	9.0	7.8	6.7	5.5	4.4	3.3	2.2
-38.75°	13.3	12.5	11.5	10.2	8.8	7.6	6.5	5.5	4.4	3.3	2.2
-40°	13.1	12.3	11.3	9.9	8.6	7.5	6.4	5.4	4.3	3.2	2.1
-41.25°	12.9	12.1	11.0	9.7	8.4	7.4	6.3	5.3	4.2	3.2	2.1
-42.5°	12.7	12.0	10.8	9.5	8.2	7.2	6.2	5.2	4.1	3.1	2.1
-43.75°	12.6	11.7	10.5	9.2	8.1	7.1	6.1	5.1	4.0	3.0	2.0
-45°	12.4	11.4	10.2	9.0	7.9	6.9	5.9	4.9	4.0	3.0	2.0
-46.25°	12.2	11.1	10.0	8.8	7.7	6.8	5.8	4.8	3.9	2.9	1.9
-47.5°	12.0	10.8	9.7	8.5	7.5	6.6	5.7	4.7	3.8	2.8	1.9
-48.75°	11.7	10.5	9.4	8.3	7.4	6.4	5.5	4.6	3.7	2.8	1.8
-50°	11.3	10.2	9.1	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.8
-51.25°	11.0	9.9	8.8	7.9	7.0	6.1	5.2	4.4	3.5	2.6	1.8
-52.5°	10.6	9.5	8.5	7.6	6.8	6.0	5.1	4.3	3.4	2.6	1.7
-53.75°	10.2	9.2	8.2	7.4	6.6	5.8	5.0	4.1	3.3	2.5	1.7
-55°	9.9	8.9	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.6
-56.25°	9.5	8.5	7.7	7.0	6.2	5.4	4.7	3.9	3.1	2.3	1.6
-57.5°	9.1	8.2	7.5	6.7	6.0	5.3	4.5	3.8	3.0	2.3	1.5
-58.75°	8.7	7.9	7.2	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.5
-60°	8.3	7.6	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.4
-61.25°	8.0	7.4	6.7	6.0	5.4	4.7	4.0	3.4	2.7	2.0	1.3
-62.5°	7.7	7.1	6.4	5.8	5.2	4.5	3.9	3.2	2.6	1.9	1.3
-63.75°	7.4	6.8	6.2	5.5	4.9	4.3	3.7	3.1	2.5	1.9	1.2
-65°	7.0	6.5	5.9	5.3	4.7	4.1	3.5	3.0	2.4	1.8	1.2
-66.25°	6.7	6.2	5.6	5.0	4.5	3.9	3.4	2.8	2.3	1.7	1.1
-67.5°	6.4	5.8	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.1
-68.75°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-70°	5.7	5.2	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
-71.25°	5.3	4.9	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
-72.5°	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
-73.75°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	2.0	1.6	1.2	0.8
-75°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
-76.25°	4.0	3.6	3.3	3.0	2.6	2.3	2.0	1.7	1.3	1.0	0.7
-77.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6



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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°
-78.75°	3.2	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-80°	2.9	2.6	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
-81.25°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4
-82.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-83.75°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-85°	1.4	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
-86.25°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
-87.5°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-88.75°	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	1.2	0.0
32.5°	1.2	0.0
31.25°	1.2	0.0
30°	1.2	0.0
28.75°	1.2	0.0
27.5°	1.2	0.0
26.25°	1.3	0.0
25°	1.3	0.0
23.75°	1.3	0.0
22.5°	1.3	0.0
21.25°	1.3	0.0
20°	1.3	0.0
18.75°	1.3	0.0
17.5°	1.3	0.0
16.25°	1.3	0.0
15°	1.4	0.0
13.75°	1.4	0.0
12.5°	1.4	0.0
11.25°	1.4	0.0
10°	1.4	0.0
8.75°	1.4	0.0
7.5°	1.4	0.0
6.25°	1.4	0.0
5°	1.4	0.0
3.75°	1.4	0.0
2.5°	1.4	0.0
1.25°	1.4	0.0
0°	1.4	0.0
-1.25°	1.4	0.0
-2.5°	1.4	0.0
-3.75°	1.4	0.0
-5°	1.4	0.0
-6.25°	1.4	0.0
-7.5°	1.4	0.0
-8.75°	1.4	0.0
-10°	1.4	0.0
-11.25°	1.4	0.0
-12.5°	1.4	0.0
-13.75°	1.4	0.0
-15°	1.4	0.0
-16.25°	1.3	0.0
-17.5°	1.3	0.0
-18.75°	1.3	0.0
-20°	1.3	0.0
-21.25°	1.3	0.0



REPORT NUMBER: P220463 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	1.3	0.0
-23.75°	1.3	0.0
-25°	1.3	0.0
-26.25°	1.3	0.0
-27.5°	1.2	0.0
-28.75°	1.2	0.0
-30°	1.2	0.0
-31.25°	1.2	0.0
-32.5°	1.2	0.0
-33.75°	1.2	0.0
-35°	1.1	0.0
-36.25°	1.1	0.0
-37.5°	1.1	0.0
-38.75°	1.1	0.0
-40°	1.1	0.0
-41.25°	1.1	0.0
-42.5°	1.0	0.0
-43.75°	1.0	0.0
-45°	1.0	0.0
-46.25°	1.0	0.0
-47.5°	0.9	0.0
-48.75°	0.9	0.0
-50°	0.9	0.0
-51.25°	0.9	0.0
-52.5°	0.9	0.0
-53.75°	0.8	0.0
-55°	0.8	0.0
-56.25°	0.8	0.0
-57.5°	0.8	0.0
-58.75°	0.7	0.0
-60°	0.7	0.0
-61.25°	0.7	0.0
-62.5°	0.6	0.0
-63.75°	0.6	0.0
-65°	0.6	0.0
-66.25°	0.6	0.0
-67.5°	0.5	0.0
-68.75°	0.5	0.0
-70°	0.5	0.0
-71.25°	0.4	0.0
-72.5°	0.4	0.0
-73.75°	0.4	0.0
-75°	0.4	0.0
-76.25°	0.3	0.0
-77.5°	0.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0.3	0.0
-80°	0.2	0.0
-81.25°	0.2	0.0
-82.5°	0.2	0.0
-83.75°	0.2	0.0
-85°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.1	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)