

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: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

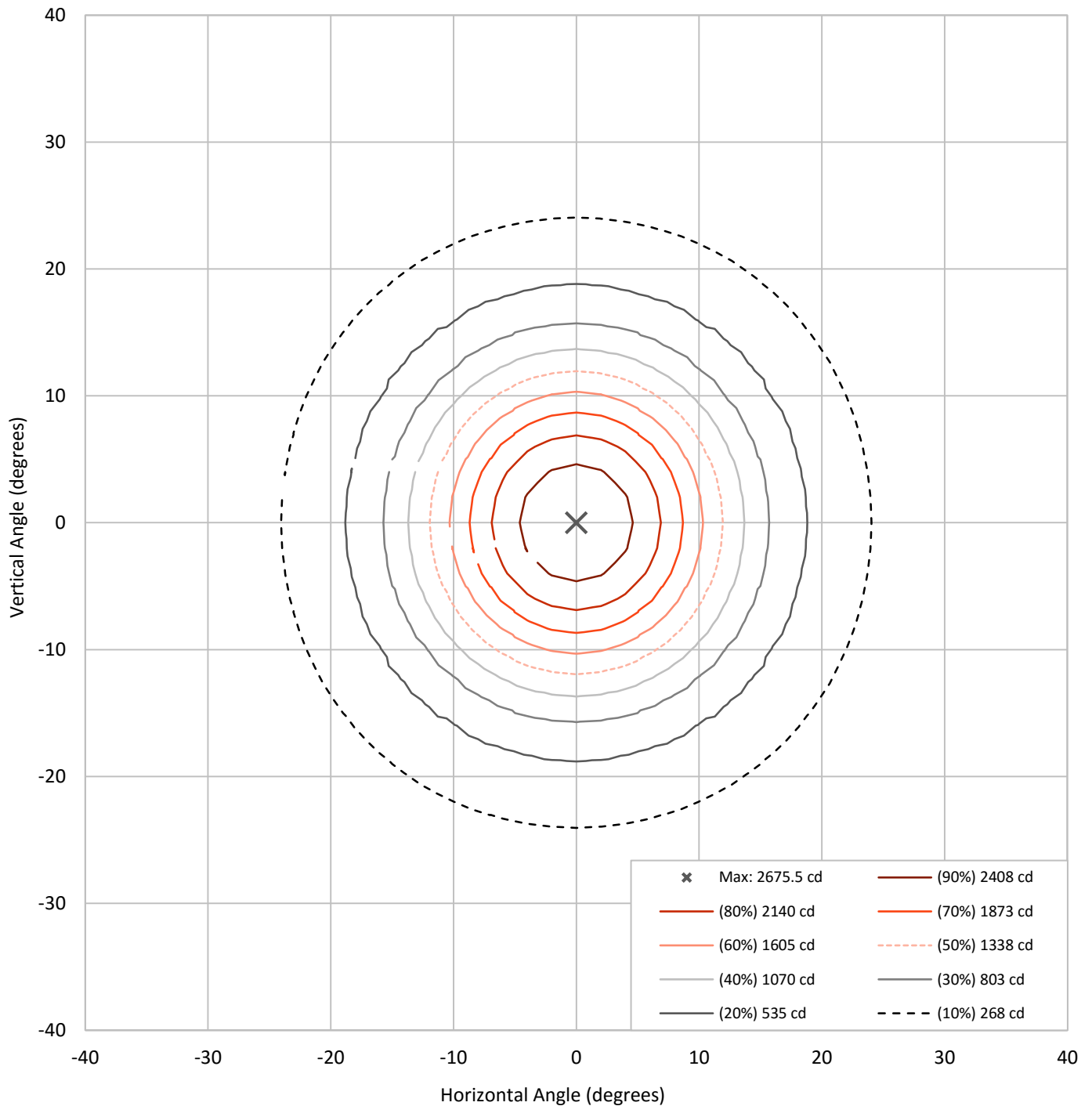
Test Method: LM-79-08  
Report Number: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-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:	655.2 lumens	Max Intensity:	2675.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.9 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:	261.4 lumens	Field Lumens:	514 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (A <sub>in</sub> ):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





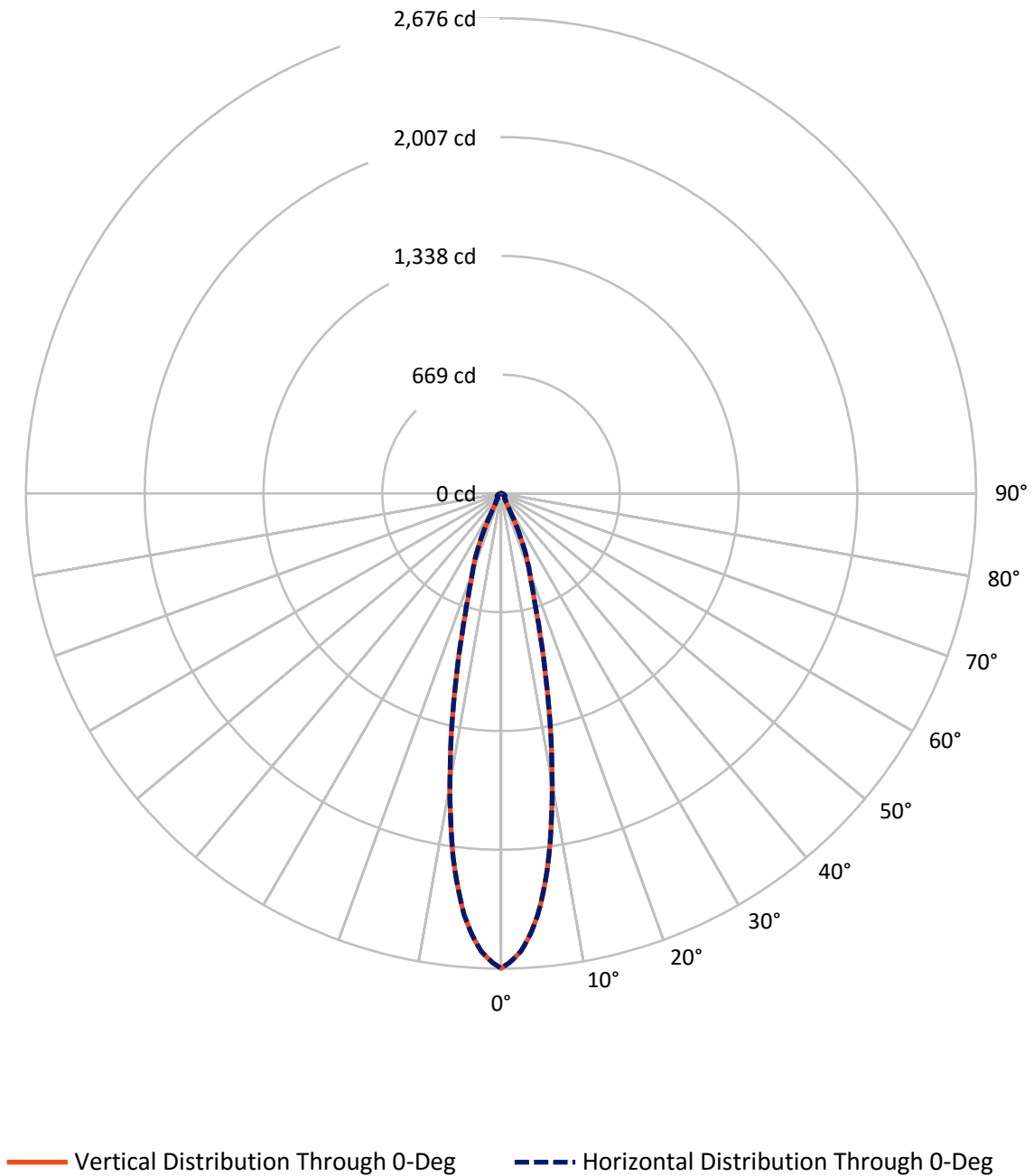
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### Lumen Table

90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.6	0.7	0.8	1.0	1.2	1.2	1.0	0.8	0.7	0.6	0.4	0.2				
30	0.2	0.2	0.4	0.6	0.8	1.1	2.9	6.2	6.2	2.9	1.1	0.8	0.6	0.4	0.2	0.2			
20		0.2	0.4	0.6	0.9	2.7	12.3	25.0	25.0	12.3	2.7	0.9	0.6	0.4	0.2				
10	0.2	0.2	0.5	0.6	1.0	5.7	24.4	60.2	60.2	24.4	5.7	1.0	0.6	0.5	0.2	0.2			
0		0.2	0.5	0.6	1.0	5.7	24.4	60.2	60.2	24.4	5.7	1.0	0.6	0.5	0.2				
-10	0.2	0.2	0.5	0.6	1.0	5.7	24.4	60.2	60.2	24.4	5.7	1.0	0.6	0.5	0.2	0.2			
-20		0.2	0.4	0.6	0.9	2.7	12.3	25.0	25.0	12.3	2.7	0.9	0.6	0.4	0.2				
-30	0.1	0.2	0.4	0.6	0.8	1.1	2.9	6.2	6.2	2.9	1.1	0.8	0.6	0.4	0.2	0.1			
-40		0.2	0.4	0.6	0.7	0.8	1.0	1.2	1.2	1.0	0.8	0.7	0.6	0.4	0.2				
-50	0.1	0.1	0.3	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3	0.1	0.1			
-60		0.1	0.2	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.2	0.1				
-70	0.1	0.1	0.2	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.2	0.1	0.1			
-80		0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1				
-90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										

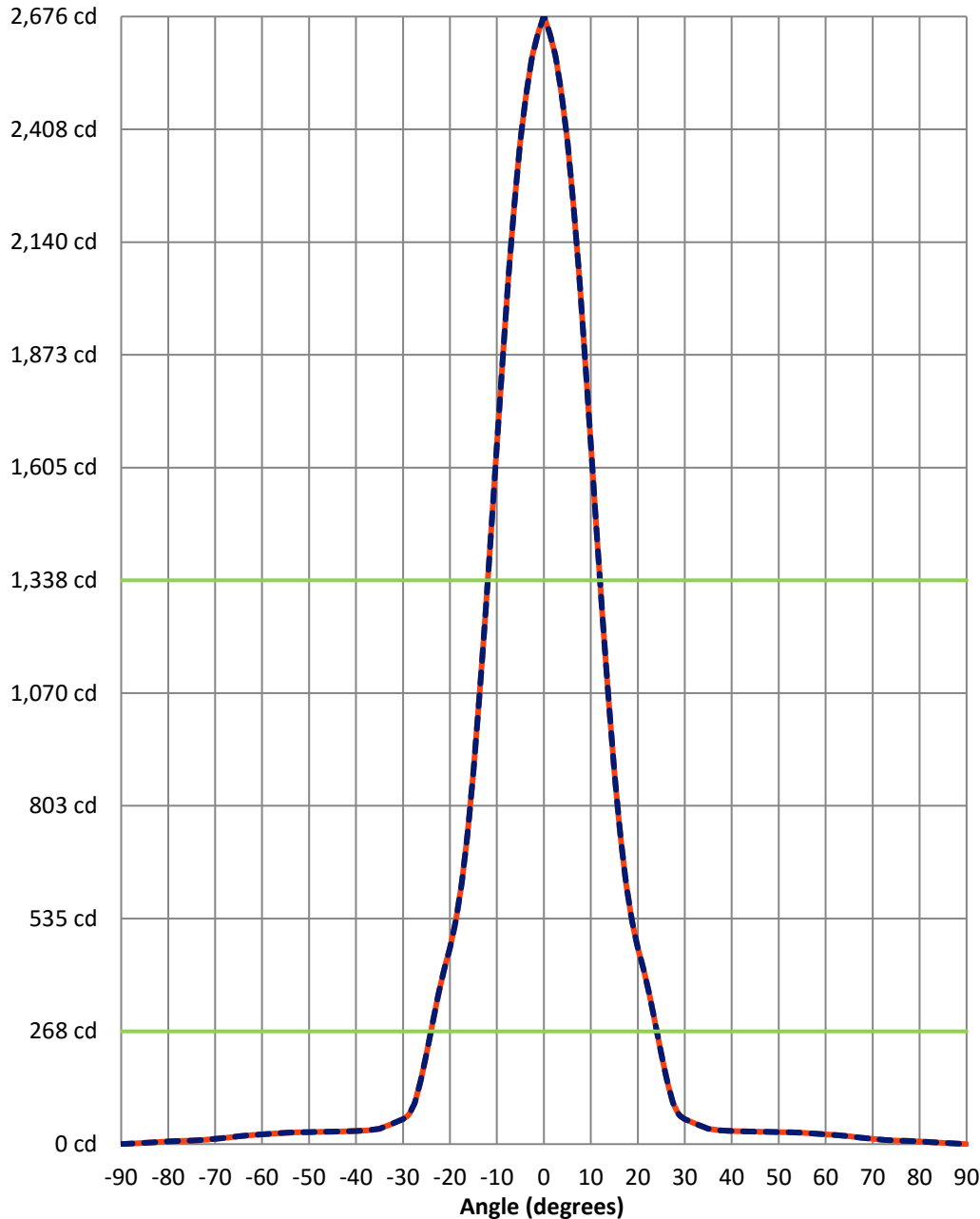
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.9°  
 V Angle: 23.9°  
 Lumens: 261.4  
 Efficiency: 39.9%

**Field:**  
 H Angle: 48.1°  
 V Angle: 48.1°  
 Lumens: 514  
 Efficiency: 78.4%

**Spill:**  
 Lumens: 141.2  
 Efficiency: 21.6%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.6	1.2	1.9	2.5	3.1	3.8	4.5	5.2	5.9	6.6
32.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.5	5.3	6.0	6.6
31.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.6	5.3	6.1	6.7
30°	0.0	0.6	1.3	1.9	2.6	3.3	4.0	4.7	5.4	6.2	6.8
28.75°	0.0	0.7	1.3	2.0	2.6	3.3	4.0	4.7	5.5	6.3	6.9
27.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.1	4.8	5.6	6.4	6.9
26.25°	0.0	0.7	1.3	2.0	2.7	3.4	4.1	4.8	5.7	6.4	7.0
25°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	4.9	5.7	6.5	7.0
23.75°	0.0	0.7	1.4	2.1	2.7	3.5	4.2	5.0	5.8	6.5	7.1
22.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.0	5.8	6.6	7.1
21.25°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.1	5.9	6.6	7.2
20°	0.0	0.7	1.4	2.1	2.8	3.6	4.3	5.1	6.0	6.7	7.2
18.75°	0.0	0.7	1.4	2.1	2.8	3.6	4.3	5.2	6.0	6.7	7.3
17.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.4	5.2	6.1	6.7	7.3
16.25°	0.0	0.7	1.4	2.2	2.9	3.6	4.4	5.2	6.1	6.8	7.4
15°	0.0	0.7	1.4	2.2	2.9	3.7	4.4	5.3	6.2	6.8	7.4
13.75°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.3	6.2	6.8	7.4
12.5°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.3	6.2	6.9	7.5
11.25°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.4	6.3	6.9	7.5
10°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.4	6.3	6.9	7.5
8.75°	0.0	0.7	1.5	2.2	3.0	3.8	4.5	5.4	6.3	6.9	7.5
7.5°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.4	6.3	7.0	7.5
6.25°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
5°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
3.75°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
2.5°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
1.25°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
0°	0.0	0.7	1.5	2.3	3.0	3.8	4.6	5.5	6.4	7.0	7.6
-1.25°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
-2.5°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
-3.75°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
-5°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
-6.25°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.5	6.4	7.0	7.6
-7.5°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.4	6.3	7.0	7.5
-8.75°	0.0	0.7	1.5	2.2	3.0	3.8	4.5	5.4	6.3	6.9	7.5
-10°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.4	6.3	6.9	7.5
-11.25°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.4	6.3	6.9	7.5
-12.5°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.3	6.2	6.9	7.5
-13.75°	0.0	0.7	1.5	2.2	2.9	3.7	4.5	5.3	6.2	6.8	7.4
-15°	0.0	0.7	1.4	2.2	2.9	3.7	4.4	5.3	6.2	6.8	7.4
-16.25°	0.0	0.7	1.4	2.2	2.9	3.6	4.4	5.2	6.1	6.8	7.4
-17.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.4	5.2	6.1	6.7	7.3
-18.75°	0.0	0.7	1.4	2.1	2.8	3.6	4.3	5.2	6.0	6.7	7.3
-20°	0.0	0.7	1.4	2.1	2.8	3.6	4.3	5.1	6.0	6.7	7.2
-21.25°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.1	5.9	6.6	7.2





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**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
-80°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
-81.25°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-83.75°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
-85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-86.25°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-88.75°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
-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: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
86.25°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0
85°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
83.75°	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7
82.5°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
81.25°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
80°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
78.75°	1.6	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	3.0
77.5°	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3
76.25°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.7
75°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
73.75°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.4
72.5°	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.3	4.5	4.7
71.25°	2.6	2.9	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1
70°	2.8	3.1	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.2	5.5
68.75°	3.0	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.5	5.8
67.5°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.3	5.6	5.9	6.2
66.25°	3.3	3.6	3.9	4.3	4.6	4.9	5.2	5.6	5.9	6.3	6.5
65°	3.5	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.3	6.5	6.8
63.75°	3.7	4.0	4.4	4.7	5.1	5.5	5.8	6.2	6.5	6.8	7.0
62.5°	3.8	4.2	4.6	4.9	5.3	5.7	6.1	6.5	6.7	7.0	7.3
61.25°	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.7	7.0	7.2	7.5
60°	4.2	4.6	5.0	5.4	5.9	6.3	6.6	6.9	7.2	7.5	7.7
58.75°	4.3	4.8	5.2	5.7	6.1	6.5	6.8	7.1	7.4	7.6	7.8
57.5°	4.5	5.0	5.4	5.9	6.4	6.7	7.0	7.3	7.6	7.8	7.9
56.25°	4.7	5.2	5.6	6.1	6.5	6.9	7.2	7.5	7.7	7.9	8.1
55°	4.8	5.3	5.9	6.4	6.7	7.0	7.4	7.7	7.8	8.0	8.2
53.75°	5.0	5.5	6.1	6.5	6.9	7.2	7.5	7.8	8.0	8.2	8.4
52.5°	5.2	5.7	6.3	6.7	7.0	7.4	7.7	7.9	8.1	8.3	8.7
51.25°	5.4	5.9	6.4	6.8	7.2	7.5	7.8	8.0	8.2	8.5	9.0
50°	5.5	6.1	6.6	6.9	7.3	7.7	7.9	8.1	8.3	8.8	9.3
48.75°	5.7	6.3	6.7	7.1	7.5	7.7	8.0	8.2	8.6	9.1	9.6
47.5°	5.9	6.4	6.8	7.2	7.6	7.8	8.1	8.3	8.8	9.3	9.8
46.25°	6.0	6.5	7.0	7.4	7.7	7.9	8.2	8.5	9.0	9.6	10.2
45°	6.2	6.7	7.1	7.5	7.8	8.0	8.3	8.7	9.3	9.8	10.7
43.75°	6.3	6.8	7.2	7.6	7.9	8.1	8.4	9.0	9.5	10.2	11.1
42.5°	6.4	6.9	7.3	7.7	7.9	8.2	8.6	9.2	9.8	10.6	11.5
41.25°	6.5	7.0	7.4	7.8	8.0	8.3	8.8	9.4	10.0	11.0	11.9
40°	6.6	7.1	7.5	7.8	8.1	8.4	9.0	9.6	10.4	11.3	12.3
38.75°	6.7	7.2	7.6	7.9	8.2	8.6	9.2	9.8	10.7	11.7	12.7
37.5°	6.8	7.3	7.7	8.0	8.2	8.8	9.4	10.1	11.1	12.1	13.1
36.25°	6.9	7.4	7.8	8.0	8.3	8.9	9.6	10.4	11.4	12.4	13.5
35°	7.0	7.5	7.8	8.1	8.5	9.1	9.8	10.7	11.7	12.8	13.8



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	7.1	7.6	7.9	8.2	8.6	9.3	9.9	11.0	12.0	13.1	14.2
32.5°	7.2	7.6	7.9	8.2	8.8	9.4	10.2	11.3	12.4	13.5	14.6
31.25°	7.2	7.7	8.0	8.3	8.9	9.6	10.5	11.6	12.7	13.8	14.9
30°	7.3	7.7	8.0	8.4	9.0	9.7	10.7	11.8	12.9	14.1	15.2
28.75°	7.4	7.8	8.1	8.5	9.2	9.9	11.0	12.1	13.2	14.4	15.6
27.5°	7.4	7.8	8.1	8.6	9.3	10.1	11.2	12.3	13.5	14.7	16.0
26.25°	7.5	7.9	8.2	8.7	9.4	10.3	11.4	12.6	13.8	15.0	16.4
25°	7.6	7.9	8.2	8.8	9.5	10.5	11.6	12.8	14.0	15.2	16.7
23.75°	7.6	7.9	8.3	8.9	9.7	10.7	11.8	13.0	14.3	15.5	17.1
22.5°	7.7	8.0	8.3	9.0	9.8	10.9	12.0	13.3	14.5	15.9	17.4
21.25°	7.7	8.0	8.4	9.1	9.9	11.0	12.2	13.5	14.7	16.1	17.7
20°	7.7	8.0	8.5	9.2	10.0	11.2	12.4	13.7	14.9	16.4	18.0
18.75°	7.7	8.1	8.5	9.3	10.1	11.4	12.6	13.8	15.1	16.7	18.3
17.5°	7.8	8.1	8.6	9.4	10.3	11.5	12.7	14.0	15.3	16.9	18.5
16.25°	7.8	8.1	8.7	9.4	10.4	11.6	12.9	14.2	15.5	17.2	18.7
15°	7.8	8.2	8.7	9.5	10.5	11.8	13.0	14.3	15.7	17.4	18.9
13.75°	7.8	8.2	8.8	9.6	10.6	11.9	13.2	14.5	15.9	17.6	19.1
12.5°	7.9	8.2	8.8	9.6	10.7	12.0	13.3	14.6	16.1	17.7	19.2
11.25°	7.9	8.2	8.9	9.7	10.8	12.1	13.4	14.7	16.2	17.9	19.3
10°	7.9	8.2	8.9	9.7	10.9	12.2	13.5	14.8	16.4	18.0	19.5
8.75°	7.9	8.2	9.0	9.8	11.0	12.2	13.6	14.9	16.5	18.2	19.6
7.5°	7.9	8.3	9.0	9.8	11.0	12.3	13.6	15.0	16.6	18.3	19.6
6.25°	7.9	8.3	9.0	9.8	11.1	12.4	13.7	15.0	16.7	18.4	19.7
5°	7.9	8.3	9.1	9.9	11.1	12.4	13.8	15.1	16.8	18.5	19.8
3.75°	7.9	8.3	9.1	9.9	11.2	12.5	13.8	15.1	16.8	18.5	19.8
2.5°	7.9	8.3	9.1	9.9	11.2	12.5	13.8	15.2	16.9	18.6	19.9
1.25°	7.9	8.3	9.1	9.9	11.2	12.5	13.8	15.2	16.9	18.6	19.9
0°	8.0	8.3	9.1	9.9	11.2	12.5	13.9	15.2	16.9	18.6	19.9
-1.25°	7.9	8.3	9.1	9.9	11.2	12.5	13.8	15.2	16.9	18.6	19.9
-2.5°	7.9	8.3	9.1	9.9	11.2	12.5	13.8	15.2	16.9	18.6	19.9
-3.75°	7.9	8.3	9.1	9.9	11.2	12.5	13.8	15.1	16.8	18.5	19.8
-5°	7.9	8.3	9.1	9.9	11.1	12.4	13.8	15.1	16.8	18.5	19.8
-6.25°	7.9	8.3	9.0	9.8	11.1	12.4	13.7	15.0	16.7	18.4	19.7
-7.5°	7.9	8.3	9.0	9.8	11.0	12.3	13.6	15.0	16.6	18.3	19.6
-8.75°	7.9	8.2	9.0	9.8	11.0	12.2	13.6	14.9	16.5	18.2	19.6
-10°	7.9	8.2	8.9	9.7	10.9	12.2	13.5	14.8	16.4	18.0	19.5
-11.25°	7.9	8.2	8.9	9.7	10.8	12.1	13.4	14.7	16.2	17.9	19.3
-12.5°	7.9	8.2	8.8	9.6	10.7	12.0	13.3	14.6	16.1	17.7	19.2
-13.75°	7.8	8.2	8.8	9.6	10.6	11.9	13.2	14.5	15.9	17.6	19.1
-15°	7.8	8.2	8.7	9.5	10.5	11.8	13.0	14.3	15.7	17.4	18.9
-16.25°	7.8	8.1	8.7	9.4	10.4	11.6	12.9	14.2	15.5	17.2	18.7
-17.5°	7.8	8.1	8.6	9.4	10.3	11.5	12.7	14.0	15.3	16.9	18.5
-18.75°	7.7	8.1	8.5	9.3	10.1	11.4	12.6	13.8	15.1	16.7	18.3
-20°	7.7	8.0	8.5	9.2	10.0	11.2	12.4	13.7	14.9	16.4	18.0
-21.25°	7.7	8.0	8.4	9.1	9.9	11.0	12.2	13.5	14.7	16.1	17.7



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	7.7	8.0	8.3	9.0	9.8	10.9	12.0	13.3	14.5	15.9	17.4
-23.75°	7.6	7.9	8.3	8.9	9.7	10.7	11.8	13.0	14.3	15.5	17.1
-25°	7.6	7.9	8.2	8.8	9.5	10.5	11.6	12.8	14.0	15.2	16.7
-26.25°	7.5	7.9	8.2	8.7	9.4	10.3	11.4	12.6	13.8	15.0	16.4
-27.5°	7.4	7.8	8.1	8.6	9.3	10.1	11.2	12.3	13.5	14.7	16.0
-28.75°	7.4	7.8	8.1	8.5	9.2	9.9	11.0	12.1	13.2	14.4	15.6
-30°	7.3	7.7	8.0	8.4	9.0	9.7	10.7	11.8	12.9	14.1	15.2
-31.25°	7.2	7.7	8.0	8.3	8.9	9.6	10.5	11.6	12.7	13.8	14.9
-32.5°	7.2	7.6	7.9	8.2	8.8	9.4	10.2	11.3	12.4	13.5	14.6
-33.75°	7.1	7.6	7.9	8.2	8.6	9.3	9.9	11.0	12.0	13.1	14.2
-35°	7.0	7.5	7.8	8.1	8.5	9.1	9.8	10.7	11.7	12.8	13.8
-36.25°	6.9	7.4	7.8	8.0	8.3	8.9	9.6	10.4	11.4	12.4	13.5
-37.5°	6.8	7.3	7.7	8.0	8.2	8.8	9.4	10.1	11.1	12.1	13.1
-38.75°	6.7	7.2	7.6	7.9	8.2	8.6	9.2	9.8	10.7	11.7	12.7
-40°	6.6	7.1	7.5	7.8	8.1	8.4	9.0	9.6	10.4	11.3	12.3
-41.25°	6.5	7.0	7.4	7.8	8.0	8.3	8.8	9.4	10.0	11.0	11.9
-42.5°	6.4	6.9	7.3	7.7	7.9	8.2	8.6	9.2	9.8	10.6	11.5
-43.75°	6.3	6.8	7.2	7.6	7.9	8.1	8.4	9.0	9.5	10.2	11.1
-45°	6.2	6.7	7.1	7.5	7.8	8.0	8.3	8.7	9.3	9.8	10.7
-46.25°	6.0	6.5	7.0	7.4	7.7	7.9	8.2	8.5	9.0	9.6	10.2
-47.5°	5.9	6.4	6.8	7.2	7.6	7.8	8.1	8.3	8.8	9.3	9.8
-48.75°	5.7	6.3	6.7	7.1	7.5	7.7	8.0	8.2	8.6	9.1	9.6
-50°	5.5	6.1	6.6	6.9	7.3	7.7	7.9	8.1	8.3	8.8	9.3
-51.25°	5.4	5.9	6.4	6.8	7.2	7.5	7.8	8.0	8.2	8.5	9.0
-52.5°	5.2	5.7	6.3	6.7	7.0	7.4	7.7	7.9	8.1	8.3	8.7
-53.75°	5.0	5.5	6.1	6.5	6.9	7.2	7.5	7.8	8.0	8.2	8.4
-55°	4.8	5.3	5.9	6.4	6.7	7.0	7.4	7.7	7.8	8.0	8.2
-56.25°	4.7	5.2	5.6	6.1	6.5	6.9	7.2	7.5	7.7	7.9	8.1
-57.5°	4.5	5.0	5.4	5.9	6.4	6.7	7.0	7.3	7.6	7.8	7.9
-58.75°	4.3	4.8	5.2	5.7	6.1	6.5	6.8	7.1	7.4	7.6	7.8
-60°	4.2	4.6	5.0	5.4	5.9	6.3	6.6	6.9	7.2	7.5	7.7
-61.25°	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.7	7.0	7.2	7.5
-62.5°	3.8	4.2	4.6	4.9	5.3	5.7	6.1	6.5	6.7	7.0	7.3
-63.75°	3.7	4.0	4.4	4.7	5.1	5.5	5.8	6.2	6.5	6.8	7.0
-65°	3.5	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.3	6.5	6.8
-66.25°	3.3	3.6	3.9	4.3	4.6	4.9	5.2	5.6	5.9	6.3	6.5
-67.5°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.3	5.6	5.9	6.2
-68.75°	3.0	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.5	5.8
-70°	2.8	3.1	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.2	5.5
-71.25°	2.6	2.9	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1
-72.5°	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.3	4.5	4.7
-73.75°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.4
-75°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
-76.25°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.7
-77.5°	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.6	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	3.0
-80°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
-81.25°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
-82.5°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-83.75°	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7
-85°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-86.25°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0
-87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
-88.75°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
86.25°	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4
85°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
83.75°	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4
82.5°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
81.25°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
80°	2.8	2.9	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9
78.75°	3.1	3.2	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4
77.5°	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0
76.25°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.5
75°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.1
73.75°	4.6	4.8	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.4	6.6
72.5°	4.9	5.2	5.4	5.7	5.9	6.1	6.4	6.5	6.7	6.8	6.9
71.25°	5.3	5.6	5.9	6.1	6.4	6.5	6.7	6.9	7.0	7.2	7.3
70°	5.7	6.0	6.3	6.5	6.7	6.9	7.0	7.2	7.4	7.5	7.7
68.75°	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.8	7.9
67.5°	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.8	7.9	8.0	8.1
66.25°	6.7	7.0	7.2	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.3
65°	7.0	7.2	7.5	7.6	7.8	7.9	8.0	8.2	8.3	8.5	8.8
63.75°	7.3	7.5	7.7	7.8	7.9	8.1	8.2	8.4	8.7	9.0	9.3
62.5°	7.5	7.7	7.8	8.0	8.1	8.3	8.5	8.8	9.1	9.5	9.8
61.25°	7.7	7.8	8.0	8.1	8.3	8.6	8.9	9.3	9.6	9.9	10.4
60°	7.8	8.0	8.2	8.3	8.7	9.0	9.4	9.7	10.1	10.7	11.2
58.75°	8.0	8.1	8.3	8.7	9.1	9.4	9.8	10.3	10.8	11.4	12.0
57.5°	8.1	8.3	8.7	9.1	9.4	9.8	10.4	11.0	11.6	12.1	12.7
56.25°	8.3	8.6	9.0	9.4	9.8	10.4	11.0	11.6	12.3	12.9	13.5
55°	8.5	8.9	9.4	9.8	10.4	11.0	11.7	12.3	13.0	13.6	14.3
53.75°	8.8	9.3	9.7	10.3	11.0	11.6	12.3	13.0	13.7	14.4	15.0
52.5°	9.1	9.6	10.1	10.8	11.6	12.3	13.0	13.7	14.4	15.1	15.9
51.25°	9.5	9.9	10.7	11.4	12.1	12.9	13.6	14.4	15.1	16.0	16.9
50°	9.8	10.4	11.2	12.0	12.7	13.5	14.3	15.0	15.9	16.9	17.8
48.75°	10.1	10.9	11.7	12.5	13.3	14.1	14.9	15.8	16.8	17.7	18.7
47.5°	10.6	11.4	12.2	13.1	13.9	14.7	15.6	16.6	17.6	18.6	19.4
46.25°	11.1	11.9	12.7	13.6	14.5	15.3	16.4	17.4	18.5	19.3	20.0
45°	11.5	12.4	13.3	14.1	15.0	16.1	17.1	18.2	19.1	19.9	20.7
43.75°	12.0	12.9	13.8	14.7	15.7	16.8	17.9	18.9	19.7	20.6	21.3
42.5°	12.4	13.3	14.3	15.2	16.3	17.5	18.6	19.5	20.3	21.2	21.8
41.25°	12.8	13.8	14.7	15.8	17.0	18.2	19.2	20.1	20.9	21.6	22.3
40°	13.3	14.3	15.2	16.4	17.7	18.8	19.7	20.6	21.4	22.1	22.7
38.75°	13.7	14.7	15.8	17.1	18.3	19.3	20.2	21.2	21.8	22.5	23.2
37.5°	14.1	15.1	16.4	17.7	18.8	19.8	20.8	21.6	22.2	22.9	23.6
36.25°	14.5	15.6	16.9	18.2	19.3	20.3	21.2	21.9	22.6	23.3	24.0
35°	14.9	16.2	17.5	18.8	19.8	20.8	21.6	22.3	23.0	23.7	24.4



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	15.3	16.7	18.0	19.2	20.2	21.2	21.9	22.7	23.4	24.1	24.9
32.5°	15.8	17.1	18.5	19.6	20.6	21.5	22.3	23.0	23.8	24.5	25.2
31.25°	16.2	17.6	18.9	20.0	21.0	21.9	22.6	23.4	24.1	24.9	25.6
30°	16.7	18.1	19.3	20.4	21.4	22.2	22.9	23.7	24.5	25.2	26.0
28.75°	17.1	18.5	19.6	20.7	21.7	22.5	23.2	24.0	24.8	25.6	26.4
27.5°	17.5	18.9	20.0	21.1	21.9	22.7	23.5	24.3	25.1	25.9	26.7
26.25°	17.9	19.2	20.3	21.4	22.2	23.0	23.8	24.6	25.4	26.3	27.0
25°	18.2	19.5	20.6	21.6	22.4	23.3	24.1	24.9	25.7	26.6	27.2
23.75°	18.6	19.8	20.9	21.8	22.7	23.5	24.4	25.2	26.0	26.9	27.4
22.5°	18.9	20.0	21.2	22.1	22.9	23.8	24.6	25.5	26.3	27.1	27.6
21.25°	19.1	20.3	21.4	22.3	23.1	24.0	24.9	25.7	26.6	27.2	27.8
20°	19.3	20.5	21.6	22.5	23.3	24.2	25.1	26.0	26.8	27.4	27.9
18.75°	19.6	20.8	21.8	22.7	23.5	24.4	25.3	26.2	27.0	27.5	28.1
17.5°	19.8	21.0	21.9	22.8	23.7	24.6	25.5	26.4	27.1	27.7	28.1
16.25°	20.0	21.2	22.1	23.0	23.9	24.8	25.7	26.6	27.3	27.8	28.2
15°	20.1	21.3	22.2	23.2	24.1	25.0	25.9	26.8	27.4	28.0	28.2
13.75°	20.3	21.5	22.4	23.3	24.2	25.1	26.0	26.9	27.5	28.1	28.2
12.5°	20.5	21.6	22.5	23.4	24.3	25.3	26.2	27.0	27.6	28.1	28.3
11.25°	20.6	21.7	22.6	23.5	24.5	25.4	26.3	27.1	27.7	28.1	28.3
10°	20.7	21.8	22.7	23.6	24.6	25.5	26.4	27.2	27.8	28.2	28.3
8.75°	20.8	21.9	22.8	23.7	24.7	25.6	26.5	27.3	27.9	28.2	28.3
7.5°	20.9	21.9	22.9	23.8	24.8	25.7	26.6	27.3	27.9	28.2	28.4
6.25°	21.0	22.0	23.0	23.9	24.8	25.8	26.7	27.4	28.0	28.2	28.4
5°	21.1	22.1	23.0	23.9	24.9	25.8	26.8	27.4	28.0	28.2	28.4
3.75°	21.1	22.1	23.0	24.0	24.9	25.9	26.8	27.5	28.1	28.2	28.4
2.5°	21.2	22.1	23.1	24.0	25.0	25.9	26.9	27.5	28.1	28.2	28.4
1.25°	21.2	22.1	23.1	24.0	25.0	25.9	26.9	27.5	28.1	28.2	28.4
0°	21.2	22.2	23.1	24.1	25.0	26.0	26.9	27.5	28.1	28.3	28.4
-1.25°	21.2	22.1	23.1	24.0	25.0	25.9	26.9	27.5	28.1	28.2	28.4
-2.5°	21.2	22.1	23.1	24.0	25.0	25.9	26.9	27.5	28.1	28.2	28.4
-3.75°	21.1	22.1	23.0	24.0	24.9	25.9	26.8	27.5	28.1	28.2	28.4
-5°	21.1	22.1	23.0	23.9	24.9	25.8	26.8	27.4	28.0	28.2	28.4
-6.25°	21.0	22.0	23.0	23.9	24.8	25.8	26.7	27.4	28.0	28.2	28.4
-7.5°	20.9	21.9	22.9	23.8	24.8	25.7	26.6	27.3	27.9	28.2	28.4
-8.75°	20.8	21.9	22.8	23.7	24.7	25.6	26.5	27.3	27.9	28.2	28.3
-10°	20.7	21.8	22.7	23.6	24.6	25.5	26.4	27.2	27.8	28.2	28.3
-11.25°	20.6	21.7	22.6	23.5	24.5	25.4	26.3	27.1	27.7	28.1	28.3
-12.5°	20.5	21.6	22.5	23.4	24.3	25.3	26.2	27.0	27.6	28.1	28.3
-13.75°	20.3	21.5	22.4	23.3	24.2	25.1	26.0	26.9	27.5	28.1	28.2
-15°	20.1	21.3	22.2	23.2	24.1	25.0	25.9	26.8	27.4	28.0	28.2
-16.25°	20.0	21.2	22.1	23.0	23.9	24.8	25.7	26.6	27.3	27.8	28.2
-17.5°	19.8	21.0	21.9	22.8	23.7	24.6	25.5	26.4	27.1	27.7	28.1
-18.75°	19.6	20.8	21.8	22.7	23.5	24.4	25.3	26.2	27.0	27.5	28.1
-20°	19.3	20.5	21.6	22.5	23.3	24.2	25.1	26.0	26.8	27.4	27.9
-21.25°	19.1	20.3	21.4	22.3	23.1	24.0	24.9	25.7	26.6	27.2	27.8





REPORT NUMBER: P220455 (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°	18.9	20.0	21.2	22.1	22.9	23.8	24.6	25.5	26.3	27.1	27.6
-23.75°	18.6	19.8	20.9	21.8	22.7	23.5	24.4	25.2	26.0	26.9	27.4
-25°	18.2	19.5	20.6	21.6	22.4	23.3	24.1	24.9	25.7	26.6	27.2
-26.25°	17.9	19.2	20.3	21.4	22.2	23.0	23.8	24.6	25.4	26.3	27.0
-27.5°	17.5	18.9	20.0	21.1	21.9	22.7	23.5	24.3	25.1	25.9	26.7
-28.75°	17.1	18.5	19.6	20.7	21.7	22.5	23.2	24.0	24.8	25.6	26.4
-30°	16.7	18.1	19.3	20.4	21.4	22.2	22.9	23.7	24.5	25.2	26.0
-31.25°	16.2	17.6	18.9	20.0	21.0	21.9	22.6	23.4	24.1	24.9	25.6
-32.5°	15.8	17.1	18.5	19.6	20.6	21.5	22.3	23.0	23.8	24.5	25.2
-33.75°	15.3	16.7	18.0	19.2	20.2	21.2	21.9	22.7	23.4	24.1	24.9
-35°	14.9	16.2	17.5	18.8	19.8	20.8	21.6	22.3	23.0	23.7	24.4
-36.25°	14.5	15.6	16.9	18.2	19.3	20.3	21.2	21.9	22.6	23.3	24.0
-37.5°	14.1	15.1	16.4	17.7	18.8	19.8	20.8	21.6	22.2	22.9	23.6
-38.75°	13.7	14.7	15.8	17.1	18.3	19.3	20.2	21.2	21.8	22.5	23.2
-40°	13.3	14.3	15.2	16.4	17.7	18.8	19.7	20.6	21.4	22.1	22.7
-41.25°	12.8	13.8	14.7	15.8	17.0	18.2	19.2	20.1	20.9	21.6	22.3
-42.5°	12.4	13.3	14.3	15.2	16.3	17.5	18.6	19.5	20.3	21.2	21.8
-43.75°	12.0	12.9	13.8	14.7	15.7	16.8	17.9	18.9	19.7	20.6	21.3
-45°	11.5	12.4	13.3	14.1	15.0	16.1	17.1	18.2	19.1	19.9	20.7
-46.25°	11.1	11.9	12.7	13.6	14.5	15.3	16.4	17.4	18.5	19.3	20.0
-47.5°	10.6	11.4	12.2	13.1	13.9	14.7	15.6	16.6	17.6	18.6	19.4
-48.75°	10.1	10.9	11.7	12.5	13.3	14.1	14.9	15.8	16.8	17.7	18.7
-50°	9.8	10.4	11.2	12.0	12.7	13.5	14.3	15.0	15.9	16.9	17.8
-51.25°	9.5	9.9	10.7	11.4	12.1	12.9	13.6	14.4	15.1	16.0	16.9
-52.5°	9.1	9.6	10.1	10.8	11.6	12.3	13.0	13.7	14.4	15.1	15.9
-53.75°	8.8	9.3	9.7	10.3	11.0	11.6	12.3	13.0	13.7	14.4	15.0
-55°	8.5	8.9	9.4	9.8	10.4	11.0	11.7	12.3	13.0	13.6	14.3
-56.25°	8.3	8.6	9.0	9.4	9.8	10.4	11.0	11.6	12.3	12.9	13.5
-57.5°	8.1	8.3	8.7	9.1	9.4	9.8	10.4	11.0	11.6	12.1	12.7
-58.75°	8.0	8.1	8.3	8.7	9.1	9.4	9.8	10.3	10.8	11.4	12.0
-60°	7.8	8.0	8.2	8.3	8.7	9.0	9.4	9.7	10.1	10.7	11.2
-61.25°	7.7	7.8	8.0	8.1	8.3	8.6	8.9	9.3	9.6	9.9	10.4
-62.5°	7.5	7.7	7.8	8.0	8.1	8.3	8.5	8.8	9.1	9.5	9.8
-63.75°	7.3	7.5	7.7	7.8	7.9	8.1	8.2	8.4	8.7	9.0	9.3
-65°	7.0	7.2	7.5	7.6	7.8	7.9	8.0	8.2	8.3	8.5	8.8
-66.25°	6.7	7.0	7.2	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.3
-67.5°	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.8	7.9	8.0	8.1
-68.75°	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.8	7.9
-70°	5.7	6.0	6.3	6.5	6.7	6.9	7.0	7.2	7.4	7.5	7.7
-71.25°	5.3	5.6	5.9	6.1	6.4	6.5	6.7	6.9	7.0	7.2	7.3
-72.5°	4.9	5.2	5.4	5.7	5.9	6.1	6.4	6.5	6.7	6.8	6.9
-73.75°	4.6	4.8	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.4	6.6
-75°	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.1
-76.25°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.5
-77.5°	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.1	3.2	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4
-80°	2.8	2.9	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9
-81.25°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-82.5°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
-83.75°	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4
-85°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-86.25°	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4
-87.5°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
-88.75°	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
86.25°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
85°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
83.75°	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.0
82.5°	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.7
81.25°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.2	4.2	4.3
80°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
78.75°	4.5	4.7	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.6	5.7
77.5°	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4
76.25°	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9
75°	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
73.75°	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8
72.5°	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0	8.0
71.25°	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.2	8.3
70°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.6	8.8	8.9
68.75°	8.0	8.1	8.2	8.3	8.4	8.6	8.8	9.0	9.2	9.4	9.6
67.5°	8.2	8.3	8.5	8.7	9.0	9.2	9.4	9.6	9.8	10.1	10.4
66.25°	8.6	8.8	9.0	9.3	9.5	9.8	10.0	10.4	10.7	11.1	11.4
65°	9.1	9.3	9.6	9.8	10.2	10.6	11.0	11.3	11.7	12.1	12.4
63.75°	9.6	9.8	10.2	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5
62.5°	10.1	10.6	11.1	11.5	12.0	12.4	12.8	13.3	13.7	14.1	14.5
61.25°	10.9	11.4	11.9	12.4	12.9	13.3	13.8	14.3	14.7	15.1	15.6
60°	11.7	12.2	12.7	13.3	13.8	14.3	14.7	15.2	15.8	16.4	16.9
58.75°	12.5	13.1	13.6	14.1	14.7	15.2	15.8	16.4	17.1	17.7	18.2
57.5°	13.3	13.9	14.5	15.0	15.7	16.3	17.0	17.7	18.3	18.8	19.3
56.25°	14.1	14.7	15.3	16.1	16.8	17.5	18.2	18.8	19.3	19.8	20.3
55°	14.9	15.6	16.4	17.1	17.9	18.6	19.2	19.7	20.2	20.8	21.2
53.75°	15.8	16.6	17.4	18.2	18.9	19.5	20.1	20.6	21.2	21.6	21.9
52.5°	16.8	17.6	18.5	19.1	19.7	20.3	20.9	21.4	21.8	22.2	22.6
51.25°	17.7	18.6	19.3	19.9	20.6	21.2	21.6	22.1	22.5	22.9	23.3
50°	18.7	19.4	20.0	20.7	21.3	21.8	22.3	22.7	23.2	23.6	24.0
48.75°	19.4	20.1	20.8	21.4	21.9	22.4	22.9	23.4	23.8	24.3	24.7
47.5°	20.1	20.8	21.5	22.0	22.5	23.0	23.5	24.0	24.5	24.9	25.4
46.25°	20.8	21.5	22.0	22.5	23.1	23.6	24.1	24.6	25.1	25.6	26.1
45°	21.4	22.0	22.5	23.1	23.6	24.2	24.7	25.2	25.7	26.2	26.7
43.75°	21.9	22.5	23.1	23.6	24.2	24.8	25.3	25.8	26.4	26.9	27.2
42.5°	22.4	23.0	23.6	24.2	24.8	25.3	25.9	26.4	26.9	27.3	27.6
41.25°	22.9	23.5	24.1	24.7	25.3	25.9	26.5	27.0	27.3	27.7	28.0
40°	23.4	24.0	24.6	25.2	25.8	26.4	27.0	27.3	27.7	28.1	28.2
38.75°	23.8	24.5	25.1	25.7	26.4	26.9	27.3	27.7	28.1	28.2	28.3
37.5°	24.3	24.9	25.6	26.2	26.9	27.3	27.7	28.1	28.2	28.3	28.4
36.25°	24.7	25.4	26.1	26.7	27.2	27.6	28.0	28.2	28.3	28.4	28.6
35°	25.1	25.8	26.5	27.1	27.5	27.9	28.2	28.3	28.4	28.6	28.8



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	25.6	26.3	26.9	27.4	27.8	28.1	28.2	28.3	28.5	28.8	29.1
32.5°	26.0	26.7	27.2	27.7	28.1	28.2	28.3	28.5	28.8	29.0	29.3
31.25°	26.4	27.0	27.5	28.0	28.2	28.3	28.4	28.7	29.0	29.2	29.4
30°	26.8	27.3	27.8	28.1	28.2	28.4	28.6	28.9	29.2	29.3	29.5
28.75°	27.1	27.5	28.0	28.2	28.3	28.5	28.8	29.1	29.3	29.5	29.6
27.5°	27.3	27.8	28.1	28.3	28.4	28.7	29.0	29.2	29.4	29.6	29.8
26.25°	27.5	28.0	28.2	28.3	28.5	28.8	29.2	29.3	29.5	29.7	30.0
25°	27.7	28.1	28.3	28.4	28.7	29.0	29.3	29.4	29.6	29.9	30.1
23.75°	27.9	28.2	28.3	28.5	28.8	29.2	29.4	29.5	29.8	30.0	30.3
22.5°	28.1	28.2	28.4	28.7	29.0	29.3	29.4	29.6	29.9	30.2	30.5
21.25°	28.2	28.3	28.4	28.8	29.1	29.3	29.5	29.8	30.1	30.4	30.7
20°	28.2	28.3	28.6	28.9	29.2	29.4	29.6	29.9	30.2	30.5	30.9
18.75°	28.2	28.4	28.7	29.1	29.3	29.5	29.7	30.0	30.3	30.7	31.0
17.5°	28.3	28.4	28.8	29.2	29.4	29.5	29.8	30.1	30.5	30.8	31.3
16.25°	28.3	28.5	28.9	29.2	29.4	29.6	29.9	30.3	30.6	31.0	31.5
15°	28.3	28.6	29.0	29.3	29.5	29.7	30.0	30.4	30.7	31.1	31.8
13.75°	28.4	28.7	29.1	29.3	29.5	29.8	30.1	30.5	30.9	31.3	32.0
12.5°	28.4	28.8	29.2	29.4	29.6	29.9	30.2	30.6	31.0	31.6	32.3
11.25°	28.5	28.9	29.2	29.4	29.6	30.0	30.3	30.7	31.1	31.8	32.5
10°	28.6	28.9	29.3	29.5	29.7	30.0	30.4	30.8	31.2	31.9	32.7
8.75°	28.6	29.0	29.3	29.5	29.8	30.1	30.5	30.8	31.4	32.1	33.1
7.5°	28.7	29.1	29.3	29.5	29.8	30.2	30.5	30.9	31.5	32.2	33.5
6.25°	28.7	29.1	29.3	29.5	29.9	30.2	30.6	31.0	31.6	32.3	33.8
5°	28.7	29.1	29.4	29.6	29.9	30.2	30.6	31.0	31.7	32.4	34.0
3.75°	28.8	29.2	29.4	29.6	29.9	30.3	30.7	31.1	31.8	32.5	34.2
2.5°	28.8	29.2	29.4	29.6	29.9	30.3	30.7	31.1	31.8	32.6	34.4
1.25°	28.8	29.2	29.4	29.6	29.9	30.3	30.7	31.1	31.8	32.6	34.5
0°	28.8	29.2	29.4	29.6	30.0	30.3	30.7	31.1	31.9	32.6	34.5
-1.25°	28.8	29.2	29.4	29.6	29.9	30.3	30.7	31.1	31.8	32.6	34.5
-2.5°	28.8	29.2	29.4	29.6	29.9	30.3	30.7	31.1	31.8	32.6	34.4
-3.75°	28.8	29.2	29.4	29.6	29.9	30.3	30.7	31.1	31.8	32.5	34.2
-5°	28.7	29.1	29.4	29.6	29.9	30.2	30.6	31.0	31.7	32.4	34.0
-6.25°	28.7	29.1	29.3	29.5	29.9	30.2	30.6	31.0	31.6	32.3	33.8
-7.5°	28.7	29.1	29.3	29.5	29.8	30.2	30.5	30.9	31.5	32.2	33.5
-8.75°	28.6	29.0	29.3	29.5	29.8	30.1	30.5	30.8	31.4	32.1	33.1
-10°	28.6	28.9	29.3	29.5	29.7	30.0	30.4	30.8	31.2	31.9	32.7
-11.25°	28.5	28.9	29.2	29.4	29.6	30.0	30.3	30.7	31.1	31.8	32.5
-12.5°	28.4	28.8	29.2	29.4	29.6	29.9	30.2	30.6	31.0	31.6	32.3
-13.75°	28.4	28.7	29.1	29.3	29.5	29.8	30.1	30.5	30.9	31.3	32.0
-15°	28.3	28.6	29.0	29.3	29.5	29.7	30.0	30.4	30.7	31.1	31.8
-16.25°	28.3	28.5	28.9	29.2	29.4	29.6	29.9	30.3	30.6	31.0	31.5
-17.5°	28.3	28.4	28.8	29.2	29.4	29.5	29.8	30.1	30.5	30.8	31.3
-18.75°	28.2	28.4	28.7	29.1	29.3	29.5	29.7	30.0	30.3	30.7	31.0
-20°	28.2	28.3	28.6	28.9	29.2	29.4	29.6	29.9	30.2	30.5	30.9
-21.25°	28.2	28.3	28.4	28.8	29.1	29.3	29.5	29.8	30.1	30.4	30.7



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	28.1	28.2	28.4	28.7	29.0	29.3	29.4	29.6	29.9	30.2	30.5
-23.75°	27.9	28.2	28.3	28.5	28.8	29.2	29.4	29.5	29.8	30.0	30.3
-25°	27.7	28.1	28.3	28.4	28.7	29.0	29.3	29.4	29.6	29.9	30.1
-26.25°	27.5	28.0	28.2	28.3	28.5	28.8	29.2	29.3	29.5	29.7	30.0
-27.5°	27.3	27.8	28.1	28.3	28.4	28.7	29.0	29.2	29.4	29.6	29.8
-28.75°	27.1	27.5	28.0	28.2	28.3	28.5	28.8	29.1	29.3	29.5	29.6
-30°	26.8	27.3	27.8	28.1	28.2	28.4	28.6	28.9	29.2	29.3	29.5
-31.25°	26.4	27.0	27.5	28.0	28.2	28.3	28.4	28.7	29.0	29.2	29.4
-32.5°	26.0	26.7	27.2	27.7	28.1	28.2	28.3	28.5	28.8	29.0	29.3
-33.75°	25.6	26.3	26.9	27.4	27.8	28.1	28.2	28.3	28.5	28.8	29.1
-35°	25.1	25.8	26.5	27.1	27.5	27.9	28.2	28.3	28.4	28.6	28.8
-36.25°	24.7	25.4	26.1	26.7	27.2	27.6	28.0	28.2	28.3	28.4	28.6
-37.5°	24.3	24.9	25.6	26.2	26.9	27.3	27.7	28.1	28.2	28.3	28.4
-38.75°	23.8	24.5	25.1	25.7	26.4	26.9	27.3	27.7	28.1	28.2	28.3
-40°	23.4	24.0	24.6	25.2	25.8	26.4	27.0	27.3	27.7	28.1	28.2
-41.25°	22.9	23.5	24.1	24.7	25.3	25.9	26.5	27.0	27.3	27.7	28.0
-42.5°	22.4	23.0	23.6	24.2	24.8	25.3	25.9	26.4	26.9	27.3	27.6
-43.75°	21.9	22.5	23.1	23.6	24.2	24.8	25.3	25.8	26.4	26.9	27.2
-45°	21.4	22.0	22.5	23.1	23.6	24.2	24.7	25.2	25.7	26.2	26.7
-46.25°	20.8	21.5	22.0	22.5	23.1	23.6	24.1	24.6	25.1	25.6	26.1
-47.5°	20.1	20.8	21.5	22.0	22.5	23.0	23.5	24.0	24.5	24.9	25.4
-48.75°	19.4	20.1	20.8	21.4	21.9	22.4	22.9	23.4	23.8	24.3	24.7
-50°	18.7	19.4	20.0	20.7	21.3	21.8	22.3	22.7	23.2	23.6	24.0
-51.25°	17.7	18.6	19.3	19.9	20.6	21.2	21.6	22.1	22.5	22.9	23.3
-52.5°	16.8	17.6	18.5	19.1	19.7	20.3	20.9	21.4	21.8	22.2	22.6
-53.75°	15.8	16.6	17.4	18.2	18.9	19.5	20.1	20.6	21.2	21.6	21.9
-55°	14.9	15.6	16.4	17.1	17.9	18.6	19.2	19.7	20.2	20.8	21.2
-56.25°	14.1	14.7	15.3	16.1	16.8	17.5	18.2	18.8	19.3	19.8	20.3
-57.5°	13.3	13.9	14.5	15.0	15.7	16.3	17.0	17.7	18.3	18.8	19.3
-58.75°	12.5	13.1	13.6	14.1	14.7	15.2	15.8	16.4	17.1	17.7	18.2
-60°	11.7	12.2	12.7	13.3	13.8	14.3	14.7	15.2	15.8	16.4	16.9
-61.25°	10.9	11.4	11.9	12.4	12.9	13.3	13.8	14.3	14.7	15.1	15.6
-62.5°	10.1	10.6	11.1	11.5	12.0	12.4	12.8	13.3	13.7	14.1	14.5
-63.75°	9.6	9.8	10.2	10.7	11.1	11.5	11.9	12.3	12.7	13.1	13.5
-65°	9.1	9.3	9.6	9.8	10.2	10.6	11.0	11.3	11.7	12.1	12.4
-66.25°	8.6	8.8	9.0	9.3	9.5	9.8	10.0	10.4	10.7	11.1	11.4
-67.5°	8.2	8.3	8.5	8.7	9.0	9.2	9.4	9.6	9.8	10.1	10.4
-68.75°	8.0	8.1	8.2	8.3	8.4	8.6	8.8	9.0	9.2	9.4	9.6
-70°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.6	8.8	8.9
-71.25°	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.2	8.3
-72.5°	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0	8.0
-73.75°	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8
-75°	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
-76.25°	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9
-77.5°	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.5	4.7	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.6	5.7
-80°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
-81.25°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.2	4.2	4.3
-82.5°	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.7
-83.75°	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.0
-85°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
-86.25°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
-87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
86.25°	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1
85°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
83.75°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
82.5°	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2
81.25°	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9	5.0	5.0
80°	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.7	5.7	5.8	5.8
78.75°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6
77.5°	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.0	7.1	7.1
76.25°	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.5	7.6	7.6	7.7
75°	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9	7.9	8.0
73.75°	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3
72.5°	8.1	8.2	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
71.25°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.7	9.8
70°	9.1	9.3	9.4	9.6	9.7	9.9	10.1	10.3	10.5	10.7	10.9
68.75°	9.8	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.6	11.8	12.0
67.5°	10.7	11.0	11.3	11.6	11.8	12.1	12.3	12.6	12.8	13.0	13.3
66.25°	11.7	12.0	12.4	12.7	12.9	13.2	13.5	13.8	14.0	14.3	14.5
65°	12.8	13.1	13.5	13.8	14.1	14.4	14.7	15.0	15.2	15.5	15.9
63.75°	13.8	14.2	14.6	14.9	15.2	15.6	16.0	16.4	16.7	17.1	17.4
62.5°	14.9	15.3	15.8	16.2	16.7	17.1	17.5	17.9	18.2	18.6	18.9
61.25°	16.2	16.7	17.1	17.6	18.1	18.5	18.9	19.2	19.5	19.8	20.0
60°	17.5	18.0	18.5	18.9	19.3	19.6	20.0	20.3	20.6	20.9	21.2
58.75°	18.8	19.2	19.6	20.0	20.4	20.7	21.1	21.4	21.6	21.8	22.1
57.5°	19.8	20.2	20.6	21.0	21.4	21.7	21.9	22.2	22.4	22.7	22.9
56.25°	20.8	21.2	21.5	21.9	22.2	22.5	22.7	23.0	23.3	23.5	23.8
55°	21.6	21.9	22.3	22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.6
53.75°	22.3	22.7	23.0	23.4	23.7	24.0	24.3	24.6	24.9	25.2	25.5
52.5°	23.0	23.4	23.8	24.1	24.5	24.8	25.1	25.4	25.7	26.0	26.3
51.25°	23.7	24.1	24.5	24.9	25.2	25.6	25.9	26.3	26.6	26.9	27.1
50°	24.4	24.9	25.2	25.6	26.0	26.4	26.7	27.0	27.2	27.4	27.6
48.75°	25.1	25.6	26.0	26.4	26.8	27.1	27.3	27.5	27.7	27.9	28.1
47.5°	25.8	26.3	26.7	27.0	27.3	27.5	27.8	28.0	28.1	28.2	28.2
46.25°	26.5	26.9	27.2	27.5	27.8	28.0	28.1	28.2	28.3	28.3	28.4
45°	27.1	27.4	27.7	28.0	28.1	28.2	28.3	28.3	28.4	28.5	28.7
43.75°	27.5	27.8	28.1	28.2	28.2	28.3	28.4	28.5	28.7	28.8	29.0
42.5°	27.9	28.1	28.2	28.3	28.4	28.5	28.7	28.8	29.0	29.2	29.3
41.25°	28.2	28.2	28.3	28.4	28.6	28.8	29.0	29.2	29.3	29.4	29.4
40°	28.3	28.3	28.5	28.7	28.9	29.1	29.2	29.3	29.4	29.5	29.6
38.75°	28.4	28.5	28.8	29.0	29.2	29.3	29.4	29.5	29.6	29.8	29.9
37.5°	28.6	28.8	29.0	29.2	29.3	29.5	29.6	29.7	29.9	30.0	30.2
36.25°	28.8	29.1	29.3	29.4	29.5	29.6	29.8	30.0	30.1	30.3	30.5
35°	29.1	29.3	29.4	29.5	29.7	29.9	30.0	30.2	30.4	30.6	30.8



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	29.3	29.4	29.5	29.7	29.9	30.1	30.3	30.5	30.7	31.0	31.2
32.5°	29.4	29.5	29.7	29.9	30.1	30.4	30.6	30.8	31.1	31.4	31.8
31.25°	29.5	29.7	29.9	30.1	30.4	30.6	30.9	31.1	31.6	32.0	32.4
30°	29.7	29.9	30.1	30.4	30.6	30.9	31.2	31.7	32.1	32.6	33.6
28.75°	29.9	30.1	30.4	30.6	30.9	31.2	31.7	32.2	32.8	33.9	35.0
27.5°	30.0	30.3	30.6	30.9	31.2	31.7	32.2	32.9	34.1	35.3	36.5
26.25°	30.2	30.5	30.8	31.1	31.7	32.2	32.9	34.2	35.4	37.2	40.6
25°	30.4	30.7	31.1	31.6	32.1	32.8	34.1	35.4	37.4	41.0	44.6
23.75°	30.6	31.0	31.4	32.0	32.6	33.9	35.3	37.2	41.0	44.8	48.5
22.5°	30.8	31.2	31.8	32.4	33.6	35.0	36.5	40.6	44.6	48.5	52.6
21.25°	31.0	31.6	32.2	33.1	34.6	36.1	39.7	43.9	48.1	52.3	56.5
20°	31.3	31.9	32.6	34.0	35.6	38.5	42.8	47.1	51.6	56.0	60.7
18.75°	31.6	32.3	33.4	35.0	36.8	41.3	45.8	50.4	55.0	59.7	65.6
17.5°	31.9	32.6	34.2	35.8	39.4	44.0	48.7	53.5	58.3	64.0	77.3
16.25°	32.2	33.3	35.0	37.1	41.9	46.6	51.6	56.5	62.0	72.9	97.5
15°	32.5	34.0	35.7	39.3	44.2	49.2	54.3	59.4	66.7	85.6	122.6
13.75°	32.9	34.7	36.4	41.4	46.4	51.6	56.8	62.8	75.9	106.3	152.1
12.5°	33.5	35.3	38.3	43.3	48.5	53.8	59.2	67.0	88.5	129.7	183.0
11.25°	34.1	35.8	40.0	45.1	50.4	55.9	61.9	74.5	105.6	154.0	212.9
10°	34.5	36.4	41.5	46.7	52.2	57.8	64.4	82.0	123.4	178.9	241.2
8.75°	35.0	37.6	42.9	48.2	53.8	59.5	69.0	95.2	142.3	202.2	266.7
7.5°	35.3	38.7	44.0	49.5	55.2	61.4	74.1	106.8	159.0	223.1	289.6
6.25°	35.7	39.7	45.1	50.7	56.4	63.0	78.5	117.6	175.4	241.4	309.4
5°	35.9	40.5	45.9	51.6	57.4	64.3	83.6	128.8	189.3	256.6	325.7
3.75°	36.1	41.1	46.6	52.3	58.2	65.6	89.7	137.6	200.1	268.5	337.7
2.5°	36.3	41.5	47.0	52.9	58.8	67.6	94.1	143.9	207.9	277.2	346.3
1.25°	36.4	41.8	47.3	53.2	59.1	68.7	96.8	147.7	212.6	282.5	351.5
0°	36.4	41.9	47.4	53.3	59.2	69.1	97.7	148.9	214.2	284.2	353.3
-1.25°	36.4	41.8	47.3	53.2	59.1	68.7	96.8	147.7	212.6	282.5	351.5
-2.5°	36.3	41.5	47.0	52.9	58.8	67.6	94.1	143.9	207.9	277.2	346.3
-3.75°	36.1	41.1	46.6	52.3	58.2	65.6	89.7	137.6	200.1	268.5	337.7
-5°	35.9	40.5	45.9	51.6	57.4	64.3	83.6	128.8	189.3	256.6	325.7
-6.25°	35.7	39.7	45.1	50.7	56.4	63.0	78.5	117.6	175.4	241.4	309.4
-7.5°	35.3	38.7	44.0	49.5	55.2	61.4	74.1	106.8	159.0	223.1	289.6
-8.75°	35.0	37.6	42.9	48.2	53.8	59.5	69.0	95.2	142.3	202.2	266.7
-10°	34.5	36.4	41.5	46.7	52.2	57.8	64.4	82.0	123.4	178.9	241.2
-11.25°	34.1	35.8	40.0	45.1	50.4	55.9	61.9	74.5	105.6	154.0	212.9
-12.5°	33.5	35.3	38.3	43.3	48.5	53.8	59.2	67.0	88.5	129.7	183.0
-13.75°	32.9	34.7	36.4	41.4	46.4	51.6	56.8	62.8	75.9	106.3	152.1
-15°	32.5	34.0	35.7	39.3	44.2	49.2	54.3	59.4	66.7	85.6	122.6
-16.25°	32.2	33.3	35.0	37.1	41.9	46.6	51.6	56.5	62.0	72.9	97.5
-17.5°	31.9	32.6	34.2	35.8	39.4	44.0	48.7	53.5	58.3	64.0	77.3
-18.75°	31.6	32.3	33.4	35.0	36.8	41.3	45.8	50.4	55.0	59.7	65.6
-20°	31.3	31.9	32.6	34.0	35.6	38.5	42.8	47.1	51.6	56.0	60.7
-21.25°	31.0	31.6	32.2	33.1	34.6	36.1	39.7	43.9	48.1	52.3	56.5





REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	30.8	31.2	31.8	32.4	33.6	35.0	36.5	40.6	44.6	48.5	52.6
-23.75°	30.6	31.0	31.4	32.0	32.6	33.9	35.3	37.2	41.0	44.8	48.5
-25°	30.4	30.7	31.1	31.6	32.1	32.8	34.1	35.4	37.4	41.0	44.6
-26.25°	30.2	30.5	30.8	31.1	31.7	32.2	32.9	34.2	35.4	37.2	40.6
-27.5°	30.0	30.3	30.6	30.9	31.2	31.7	32.2	32.9	34.1	35.3	36.5
-28.75°	29.9	30.1	30.4	30.6	30.9	31.2	31.7	32.2	32.8	33.9	35.0
-30°	29.7	29.9	30.1	30.4	30.6	30.9	31.2	31.7	32.1	32.6	33.6
-31.25°	29.5	29.7	29.9	30.1	30.4	30.6	30.9	31.1	31.6	32.0	32.4
-32.5°	29.4	29.5	29.7	29.9	30.1	30.4	30.6	30.8	31.1	31.4	31.8
-33.75°	29.3	29.4	29.5	29.7	29.9	30.1	30.3	30.5	30.7	31.0	31.2
-35°	29.1	29.3	29.4	29.5	29.7	29.9	30.0	30.2	30.4	30.6	30.8
-36.25°	28.8	29.1	29.3	29.4	29.5	29.6	29.8	30.0	30.1	30.3	30.5
-37.5°	28.6	28.8	29.0	29.2	29.3	29.5	29.6	29.7	29.9	30.0	30.2
-38.75°	28.4	28.5	28.8	29.0	29.2	29.3	29.4	29.5	29.6	29.8	29.9
-40°	28.3	28.3	28.5	28.7	28.9	29.1	29.2	29.3	29.4	29.5	29.6
-41.25°	28.2	28.2	28.3	28.4	28.6	28.8	29.0	29.2	29.3	29.4	29.4
-42.5°	27.9	28.1	28.2	28.3	28.4	28.5	28.7	28.8	29.0	29.2	29.3
-43.75°	27.5	27.8	28.1	28.2	28.2	28.3	28.4	28.5	28.7	28.8	29.0
-45°	27.1	27.4	27.7	28.0	28.1	28.2	28.3	28.3	28.4	28.5	28.7
-46.25°	26.5	26.9	27.2	27.5	27.8	28.0	28.1	28.2	28.3	28.3	28.4
-47.5°	25.8	26.3	26.7	27.0	27.3	27.5	27.8	28.0	28.1	28.2	28.2
-48.75°	25.1	25.6	26.0	26.4	26.8	27.1	27.3	27.5	27.7	27.9	28.1
-50°	24.4	24.9	25.2	25.6	26.0	26.4	26.7	27.0	27.2	27.4	27.6
-51.25°	23.7	24.1	24.5	24.9	25.2	25.6	25.9	26.3	26.6	26.9	27.1
-52.5°	23.0	23.4	23.8	24.1	24.5	24.8	25.1	25.4	25.7	26.0	26.3
-53.75°	22.3	22.7	23.0	23.4	23.7	24.0	24.3	24.6	24.9	25.2	25.5
-55°	21.6	21.9	22.3	22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.6
-56.25°	20.8	21.2	21.5	21.9	22.2	22.5	22.7	23.0	23.3	23.5	23.8
-57.5°	19.8	20.2	20.6	21.0	21.4	21.7	21.9	22.2	22.4	22.7	22.9
-58.75°	18.8	19.2	19.6	20.0	20.4	20.7	21.1	21.4	21.6	21.8	22.1
-60°	17.5	18.0	18.5	18.9	19.3	19.6	20.0	20.3	20.6	20.9	21.2
-61.25°	16.2	16.7	17.1	17.6	18.1	18.5	18.9	19.2	19.5	19.8	20.0
-62.5°	14.9	15.3	15.8	16.2	16.7	17.1	17.5	17.9	18.2	18.6	18.9
-63.75°	13.8	14.2	14.6	14.9	15.2	15.6	16.0	16.4	16.7	17.1	17.4
-65°	12.8	13.1	13.5	13.8	14.1	14.4	14.7	15.0	15.2	15.5	15.9
-66.25°	11.7	12.0	12.4	12.7	12.9	13.2	13.5	13.8	14.0	14.3	14.5
-67.5°	10.7	11.0	11.3	11.6	11.8	12.1	12.3	12.6	12.8	13.0	13.3
-68.75°	9.8	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.6	11.8	12.0
-70°	9.1	9.3	9.4	9.6	9.7	9.9	10.1	10.3	10.5	10.7	10.9
-71.25°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.7	9.8
-72.5°	8.1	8.2	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
-73.75°	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3
-75°	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9	7.9	8.0
-76.25°	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.5	7.6	7.6	7.7
-77.5°	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.0	7.1	7.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.6
-80°	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.7	5.7	5.8	5.8
-81.25°	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9	5.0	5.0
-82.5°	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2
-83.75°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
-85°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
-86.25°	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1
-87.5°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-88.75°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
86.25°	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
83.75°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
82.5°	4.3	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
81.25°	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4
80°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
78.75°	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9
77.5°	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.5	7.5
76.25°	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.9	7.9	7.9	7.9
75°	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2
73.75°	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0
72.5°	9.1	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.7	9.7	9.8
71.25°	9.9	10.0	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0
70°	11.0	11.2	11.4	11.5	11.6	11.8	11.9	12.0	12.1	12.2	12.2
68.75°	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.4	13.5	13.6
67.5°	13.5	13.7	13.8	14.0	14.2	14.3	14.5	14.6	14.7	14.8	14.9
66.25°	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5
65°	16.1	16.4	16.7	16.9	17.2	17.4	17.6	17.7	17.9	18.0	18.2
63.75°	17.7	18.0	18.3	18.5	18.7	18.9	19.1	19.2	19.3	19.5	19.6
62.5°	19.1	19.3	19.6	19.8	20.0	20.1	20.3	20.5	20.6	20.7	20.8
61.25°	20.3	20.5	20.8	21.0	21.2	21.3	21.5	21.6	21.7	21.8	21.9
60°	21.4	21.6	21.8	21.9	22.1	22.2	22.4	22.5	22.6	22.7	22.8
58.75°	22.3	22.5	22.7	22.8	23.0	23.2	23.3	23.4	23.5	23.6	23.7
57.5°	23.1	23.3	23.5	23.7	23.9	24.1	24.2	24.3	24.5	24.6	24.7
56.25°	24.0	24.2	24.4	24.6	24.8	25.0	25.1	25.3	25.4	25.5	25.6
55°	24.9	25.1	25.3	25.5	25.7	25.9	26.0	26.2	26.3	26.4	26.5
53.75°	25.7	26.0	26.2	26.4	26.6	26.8	26.9	27.0	27.1	27.2	27.3
52.5°	26.6	26.8	27.0	27.1	27.3	27.4	27.5	27.6	27.7	27.8	27.9
51.25°	27.2	27.4	27.5	27.7	27.8	28.0	28.1	28.1	28.1	28.2	28.2
50°	27.8	27.9	28.1	28.1	28.2	28.2	28.2	28.3	28.3	28.3	28.3
48.75°	28.2	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.5	28.6	28.6
47.5°	28.3	28.3	28.4	28.4	28.5	28.6	28.7	28.8	28.9	28.9	29.0
46.25°	28.4	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.2	29.3	29.3
45°	28.8	28.9	29.1	29.2	29.2	29.3	29.3	29.4	29.4	29.5	29.5
43.75°	29.1	29.2	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.7	29.8
42.5°	29.3	29.4	29.5	29.5	29.6	29.7	29.8	29.9	30.0	30.0	30.1
41.25°	29.5	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5
40°	29.8	29.9	30.0	30.1	30.3	30.4	30.5	30.6	30.7	30.8	30.8
38.75°	30.1	30.2	30.3	30.5	30.6	30.7	30.9	31.0	31.1	31.2	31.4
37.5°	30.4	30.5	30.7	30.8	31.0	31.1	31.3	31.6	31.8	31.9	32.1
36.25°	30.7	30.9	31.0	31.3	31.5	31.8	32.0	32.3	32.5	32.7	33.1
35°	31.0	31.3	31.6	31.9	32.2	32.5	32.9	33.5	34.1	34.5	35.0



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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°	31.6	31.9	32.3	32.6	33.3	34.0	34.7	35.3	35.8	36.4	37.6
32.5°	32.2	32.6	33.4	34.2	35.0	35.7	36.4	38.3	40.0	41.5	42.9
31.25°	33.1	34.0	35.0	35.8	37.1	39.3	41.4	43.3	45.1	46.7	48.2
30°	34.6	35.6	36.8	39.4	41.9	44.2	46.4	48.5	50.4	52.2	53.8
28.75°	36.1	38.5	41.3	44.0	46.6	49.2	51.6	53.8	55.9	57.8	59.5
27.5°	39.7	42.8	45.8	48.7	51.6	54.3	56.8	59.2	61.9	64.4	69.0
26.25°	43.9	47.1	50.4	53.5	56.5	59.4	62.8	67.0	74.5	82.0	95.2
25°	48.1	51.6	55.0	58.3	62.0	66.7	75.9	88.5	105.6	123.4	142.3
23.75°	52.3	56.0	59.7	64.0	72.9	85.6	106.3	129.7	154.0	178.9	202.2
22.5°	56.5	60.7	65.6	77.3	97.5	122.6	152.1	183.0	212.9	241.2	266.7
21.25°	61.0	67.4	80.0	105.5	136.5	170.7	206.9	241.7	274.4	304.9	332.0
20°	67.4	81.1	109.5	144.9	184.2	224.6	263.9	301.4	335.7	365.4	390.7
18.75°	80.0	109.5	147.8	191.0	235.5	279.0	321.0	358.0	390.5	417.8	440.5
17.5°	105.5	144.9	191.0	239.1	286.7	332.4	373.2	407.5	437.1	462.5	489.3
16.25°	136.5	184.2	235.5	286.7	336.1	380.7	417.8	449.6	481.0	512.9	551.9
15°	170.7	224.6	279.0	332.4	380.7	421.3	455.9	492.7	534.4	580.5	633.9
13.75°	206.9	263.9	321.0	373.2	417.8	455.9	496.6	545.4	602.4	665.3	735.1
12.5°	241.7	301.4	358.0	407.5	449.6	492.7	545.4	609.8	684.3	765.8	857.5
11.25°	274.4	335.7	390.5	437.1	481.0	534.4	602.4	684.3	778.2	883.5	991.7
10°	304.9	365.4	417.8	462.5	512.9	580.5	665.3	765.8	883.5	1007.0	1132.3
8.75°	332.0	390.7	440.5	489.3	551.9	633.9	735.1	857.5	991.7	1132.3	1271.4
7.5°	354.5	411.4	459.8	513.8	589.4	686.8	806.8	946.7	1097.1	1251.8	1407.6
6.25°	373.8	428.8	478.6	542.3	628.5	738.2	874.8	1028.5	1194.1	1362.8	1535.3
5°	388.6	441.9	495.1	566.0	661.6	786.2	937.4	1104.0	1279.5	1463.3	1648.2
3.75°	399.6	452.2	508.2	587.0	693.5	828.7	988.3	1164.7	1350.3	1546.3	1740.0
2.5°	407.5	459.6	519.2	604.5	716.6	859.5	1025.8	1210.6	1405.0	1608.4	1808.9
1.25°	412.3	464.1	526.9	615.1	730.7	878.3	1050.5	1238.8	1438.6	1646.7	1851.5
0°	414.0	465.6	529.4	618.7	735.4	884.6	1058.9	1248.3	1449.9	1659.7	1866.0
-1.25°	412.3	464.1	526.9	615.1	730.7	878.3	1050.5	1238.8	1438.6	1646.7	1851.5
-2.5°	407.5	459.6	519.2	604.5	716.6	859.5	1025.8	1210.6	1405.0	1608.4	1808.9
-3.75°	399.6	452.2	508.2	587.0	693.5	828.7	988.3	1164.7	1350.3	1546.3	1740.0
-5°	388.6	441.9	495.1	566.0	661.6	786.2	937.4	1104.0	1279.5	1463.3	1648.2
-6.25°	373.8	428.8	478.6	542.3	628.5	738.2	874.8	1028.5	1194.1	1362.8	1535.3
-7.5°	354.5	411.4	459.8	513.8	589.4	686.8	806.8	946.7	1097.1	1251.8	1407.6
-8.75°	332.0	390.7	440.5	489.3	551.9	633.9	735.1	857.5	991.7	1132.3	1271.4
-10°	304.9	365.4	417.8	462.5	512.9	580.5	665.3	765.8	883.5	1007.0	1132.3
-11.25°	274.4	335.7	390.5	437.1	481.0	534.4	602.4	684.3	778.2	883.5	991.7
-12.5°	241.7	301.4	358.0	407.5	449.6	492.7	545.4	609.8	684.3	765.8	857.5
-13.75°	206.9	263.9	321.0	373.2	417.8	455.9	496.6	545.4	602.4	665.3	735.1
-15°	170.7	224.6	279.0	332.4	380.7	421.3	455.9	492.7	534.4	580.5	633.9
-16.25°	136.5	184.2	235.5	286.7	336.1	380.7	417.8	449.6	481.0	512.9	551.9
-17.5°	105.5	144.9	191.0	239.1	286.7	332.4	373.2	407.5	437.1	462.5	489.3
-18.75°	80.0	109.5	147.8	191.0	235.5	279.0	321.0	358.0	390.5	417.8	440.5
-20°	67.4	81.1	109.5	144.9	184.2	224.6	263.9	301.4	335.7	365.4	390.7
-21.25°	61.0	67.4	80.0	105.5	136.5	170.7	206.9	241.7	274.4	304.9	332.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	56.5	60.7	65.6	77.3	97.5	122.6	152.1	183.0	212.9	241.2	266.7
-23.75°	52.3	56.0	59.7	64.0	72.9	85.6	106.3	129.7	154.0	178.9	202.2
-25°	48.1	51.6	55.0	58.3	62.0	66.7	75.9	88.5	105.6	123.4	142.3
-26.25°	43.9	47.1	50.4	53.5	56.5	59.4	62.8	67.0	74.5	82.0	95.2
-27.5°	39.7	42.8	45.8	48.7	51.6	54.3	56.8	59.2	61.9	64.4	69.0
-28.75°	36.1	38.5	41.3	44.0	46.6	49.2	51.6	53.8	55.9	57.8	59.5
-30°	34.6	35.6	36.8	39.4	41.9	44.2	46.4	48.5	50.4	52.2	53.8
-31.25°	33.1	34.0	35.0	35.8	37.1	39.3	41.4	43.3	45.1	46.7	48.2
-32.5°	32.2	32.6	33.4	34.2	35.0	35.7	36.4	38.3	40.0	41.5	42.9
-33.75°	31.6	31.9	32.3	32.6	33.3	34.0	34.7	35.3	35.8	36.4	37.6
-35°	31.0	31.3	31.6	31.9	32.2	32.5	32.9	33.5	34.1	34.5	35.0
-36.25°	30.7	30.9	31.0	31.3	31.5	31.8	32.0	32.3	32.5	32.7	33.1
-37.5°	30.4	30.5	30.7	30.8	31.0	31.1	31.3	31.6	31.8	31.9	32.1
-38.75°	30.1	30.2	30.3	30.5	30.6	30.7	30.9	31.0	31.1	31.2	31.4
-40°	29.8	29.9	30.0	30.1	30.3	30.4	30.5	30.6	30.7	30.8	30.8
-41.25°	29.5	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5
-42.5°	29.3	29.4	29.5	29.5	29.6	29.7	29.8	29.9	30.0	30.0	30.1
-43.75°	29.1	29.2	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.7	29.8
-45°	28.8	28.9	29.1	29.2	29.2	29.3	29.3	29.4	29.4	29.5	29.5
-46.25°	28.4	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.2	29.3	29.3
-47.5°	28.3	28.3	28.4	28.4	28.5	28.6	28.7	28.8	28.9	28.9	29.0
-48.75°	28.2	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.5	28.6	28.6
-50°	27.8	27.9	28.1	28.1	28.2	28.2	28.2	28.3	28.3	28.3	28.3
-51.25°	27.2	27.4	27.5	27.7	27.8	28.0	28.1	28.1	28.1	28.2	28.2
-52.5°	26.6	26.8	27.0	27.1	27.3	27.4	27.5	27.6	27.7	27.8	27.9
-53.75°	25.7	26.0	26.2	26.4	26.6	26.8	26.9	27.0	27.1	27.2	27.3
-55°	24.9	25.1	25.3	25.5	25.7	25.9	26.0	26.2	26.3	26.4	26.5
-56.25°	24.0	24.2	24.4	24.6	24.8	25.0	25.1	25.3	25.4	25.5	25.6
-57.5°	23.1	23.3	23.5	23.7	23.9	24.1	24.2	24.3	24.5	24.6	24.7
-58.75°	22.3	22.5	22.7	22.8	23.0	23.2	23.3	23.4	23.5	23.6	23.7
-60°	21.4	21.6	21.8	21.9	22.1	22.2	22.4	22.5	22.6	22.7	22.8
-61.25°	20.3	20.5	20.8	21.0	21.2	21.3	21.5	21.6	21.7	21.8	21.9
-62.5°	19.1	19.3	19.6	19.8	20.0	20.1	20.3	20.5	20.6	20.7	20.8
-63.75°	17.7	18.0	18.3	18.5	18.7	18.9	19.1	19.2	19.3	19.5	19.6
-65°	16.1	16.4	16.7	16.9	17.2	17.4	17.6	17.7	17.9	18.0	18.2
-66.25°	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5
-67.5°	13.5	13.7	13.8	14.0	14.2	14.3	14.5	14.6	14.7	14.8	14.9
-68.75°	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.4	13.5	13.6
-70°	11.0	11.2	11.4	11.5	11.6	11.8	11.9	12.0	12.1	12.2	12.2
-71.25°	9.9	10.0	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0
-72.5°	9.1	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.7	9.7	9.8
-73.75°	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0
-75°	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2
-76.25°	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.9	7.9	7.9	7.9
-77.5°	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.5	7.5



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9
-80°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
-81.25°	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4
-82.5°	4.3	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
-83.75°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
-85°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-86.25°	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
82.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
81.25°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
80°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
78.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
77.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
76.25°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
73.75°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
72.5°	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
71.25°	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1
70°	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
68.75°	13.6	13.7	13.8	13.8	13.8	13.8	13.9	13.8	13.8	13.8	13.8
67.5°	15.0	15.0	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.1	15.1
66.25°	16.6	16.7	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.8	16.8
65°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
63.75°	19.6	19.7	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.8	19.8
62.5°	20.9	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.1	21.1
61.25°	21.9	22.0	22.1	22.1	22.1	22.1	22.2	22.1	22.1	22.1	22.1
60°	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0
58.75°	23.8	23.9	23.9	24.0	24.0	24.0	24.1	24.0	24.0	24.0	23.9
57.5°	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
56.25°	25.7	25.8	25.8	25.9	25.9	25.9	26.0	25.9	25.9	25.9	25.8
55°	26.6	26.7	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.8	26.8
53.75°	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4
52.5°	27.9	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.0
51.25°	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.2	28.2	28.2	28.2
50°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
48.75°	28.7	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.7
47.5°	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.1
46.25°	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
45°	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
43.75°	29.8	29.9	29.9	29.9	29.9	29.9	30.0	29.9	29.9	29.9	29.9
42.5°	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.2
41.25°	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.6
40°	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.0
38.75°	31.5	31.6	31.7	31.8	31.8	31.8	31.9	31.8	31.8	31.8	31.7
37.5°	32.2	32.3	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.5	32.4
36.25°	33.5	33.8	34.0	34.2	34.4	34.5	34.5	34.5	34.4	34.2	34.0
35°	35.3	35.7	35.9	36.1	36.3	36.4	36.4	36.4	36.3	36.1	35.9



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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°	38.7	39.7	40.5	41.1	41.5	41.8	41.9	41.8	41.5	41.1	40.5
32.5°	44.0	45.1	45.9	46.6	47.0	47.3	47.4	47.3	47.0	46.6	45.9
31.25°	49.5	50.7	51.6	52.3	52.9	53.2	53.3	53.2	52.9	52.3	51.6
30°	55.2	56.4	57.4	58.2	58.8	59.1	59.2	59.1	58.8	58.2	57.4
28.75°	61.4	63.0	64.3	65.6	67.6	68.7	69.1	68.7	67.6	65.6	64.3
27.5°	74.1	78.5	83.6	89.7	94.1	96.8	97.7	96.8	94.1	89.7	83.6
26.25°	106.8	117.6	128.8	137.6	143.9	147.7	148.9	147.7	143.9	137.6	128.8
25°	159.0	175.4	189.3	200.1	207.9	212.6	214.2	212.6	207.9	200.1	189.3
23.75°	223.1	241.4	256.6	268.5	277.2	282.5	284.2	282.5	277.2	268.5	256.6
22.5°	289.6	309.4	325.7	337.7	346.3	351.5	353.3	351.5	346.3	337.7	325.7
21.25°	354.5	373.8	388.6	399.6	407.5	412.3	414.0	412.3	407.5	399.6	388.6
20°	411.4	428.8	441.9	452.2	459.6	464.1	465.6	464.1	459.6	452.2	441.9
18.75°	459.8	478.6	495.1	508.2	519.2	526.9	529.4	526.9	519.2	508.2	495.1
17.5°	513.8	542.3	566.0	587.0	604.5	615.1	618.7	615.1	604.5	587.0	566.0
16.25°	589.4	628.5	661.6	693.5	716.6	730.7	735.4	730.7	716.6	693.5	661.6
15°	686.8	738.2	786.2	828.7	859.5	878.3	884.6	878.3	859.5	828.7	786.2
13.75°	806.8	874.8	937.4	988.3	1025.8	1050.5	1058.9	1050.5	1025.8	988.3	937.4
12.5°	946.7	1028.5	1104.0	1164.7	1210.6	1238.8	1248.3	1238.8	1210.6	1164.7	1104.0
11.25°	1097.1	1194.1	1279.5	1350.3	1405.0	1438.6	1449.9	1438.6	1405.0	1350.3	1279.5
10°	1251.8	1362.8	1463.3	1546.3	1608.4	1646.7	1659.7	1646.7	1608.4	1546.3	1463.3
8.75°	1407.6	1535.3	1648.2	1740.0	1808.9	1851.5	1866.0	1851.5	1808.9	1740.0	1648.2
7.5°	1560.1	1700.8	1824.0	1926.5	2003.3	2048.4	2063.9	2048.4	2003.3	1926.5	1824.0
6.25°	1700.8	1852.8	1989.1	2096.2	2173.4	2218.8	2234.6	2218.8	2173.4	2096.2	1989.1
5°	1824.0	1989.1	2129.0	2234.9	2313.7	2363.7	2381.3	2363.7	2313.7	2234.9	2129.0
3.75°	1926.5	2096.2	2234.9	2346.7	2426.6	2476.9	2493.3	2476.9	2426.6	2346.7	2234.9
2.5°	2003.3	2173.4	2313.7	2426.6	2510.8	2564.8	2580.2	2564.8	2510.8	2426.6	2313.7
1.25°	2048.4	2218.8	2363.7	2476.9	2564.8	2615.4	2636.0	2615.4	2564.8	2476.9	2363.7
0°	2063.9	2234.6	2381.3	2493.3	2580.2	2636.0	2675.5	2636.0	2580.2	2493.3	2381.3
-1.25°	2048.4	2218.8	2363.7	2476.9	2564.8	2615.4	2636.0	2615.4	2564.8	2476.9	2363.7
-2.5°	2003.3	2173.4	2313.7	2426.6	2510.8	2564.8	2580.2	2564.8	2510.8	2426.6	2313.7
-3.75°	1926.5	2096.2	2234.9	2346.7	2426.6	2476.9	2493.3	2476.9	2426.6	2346.7	2234.9
-5°	1824.0	1989.1	2129.0	2234.9	2313.7	2363.7	2381.3	2363.7	2313.7	2234.9	2129.0
-6.25°	1700.8	1852.8	1989.1	2096.2	2173.4	2218.8	2234.6	2218.8	2173.4	2096.2	1989.1
-7.5°	1560.1	1700.8	1824.0	1926.5	2003.3	2048.4	2063.9	2048.4	2003.3	1926.5	1824.0
-8.75°	1407.6	1535.3	1648.2	1740.0	1808.9	1851.5	1866.0	1851.5	1808.9	1740.0	1648.2
-10°	1251.8	1362.8	1463.3	1546.3	1608.4	1646.7	1659.7	1646.7	1608.4	1546.3	1463.3
-11.25°	1097.1	1194.1	1279.5	1350.3	1405.0	1438.6	1449.9	1438.6	1405.0	1350.3	1279.5
-12.5°	946.7	1028.5	1104.0	1164.7	1210.6	1238.8	1248.3	1238.8	1210.6	1164.7	1104.0
-13.75°	806.8	874.8	937.4	988.3	1025.8	1050.5	1058.9	1050.5	1025.8	988.3	937.4
-15°	686.8	738.2	786.2	828.7	859.5	878.3	884.6	878.3	859.5	828.7	786.2
-16.25°	589.4	628.5	661.6	693.5	716.6	730.7	735.4	730.7	716.6	693.5	661.6
-17.5°	513.8	542.3	566.0	587.0	604.5	615.1	618.7	615.1	604.5	587.0	566.0
-18.75°	459.8	478.6	495.1	508.2	519.2	526.9	529.4	526.9	519.2	508.2	495.1
-20°	411.4	428.8	441.9	452.2	459.6	464.1	465.6	464.1	459.6	452.2	441.9
-21.25°	354.5	373.8	388.6	399.6	407.5	412.3	414.0	412.3	407.5	399.6	388.6





REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	289.6	309.4	325.7	337.7	346.3	351.5	353.3	351.5	346.3	337.7	325.7
-23.75°	223.1	241.4	256.6	268.5	277.2	282.5	284.2	282.5	277.2	268.5	256.6
-25°	159.0	175.4	189.3	200.1	207.9	212.6	214.2	212.6	207.9	200.1	189.3
-26.25°	106.8	117.6	128.8	137.6	143.9	147.7	148.9	147.7	143.9	137.6	128.8
-27.5°	74.1	78.5	83.6	89.7	94.1	96.8	97.7	96.8	94.1	89.7	83.6
-28.75°	61.4	63.0	64.3	65.6	67.6	68.7	69.1	68.7	67.6	65.6	64.3
-30°	55.2	56.4	57.4	58.2	58.8	59.1	59.2	59.1	58.8	58.2	57.4
-31.25°	49.5	50.7	51.6	52.3	52.9	53.2	53.3	53.2	52.9	52.3	51.6
-32.5°	44.0	45.1	45.9	46.6	47.0	47.3	47.4	47.3	47.0	46.6	45.9
-33.75°	38.7	39.7	40.5	41.1	41.5	41.8	41.9	41.8	41.5	41.1	40.5
-35°	35.3	35.7	35.9	36.1	36.3	36.4	36.4	36.4	36.3	36.1	35.9
-36.25°	33.5	33.8	34.0	34.2	34.4	34.5	34.5	34.5	34.4	34.2	34.0
-37.5°	32.2	32.3	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.5	32.4
-38.75°	31.5	31.6	31.7	31.8	31.8	31.8	31.9	31.8	31.8	31.8	31.7
-40°	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.0
-41.25°	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.6
-42.5°	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.2
-43.75°	29.8	29.9	29.9	29.9	29.9	29.9	30.0	29.9	29.9	29.9	29.9
-45°	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
-46.25°	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
-47.5°	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.1
-48.75°	28.7	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.7
-50°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
-51.25°	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.2	28.2	28.2	28.2
-52.5°	27.9	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.0
-53.75°	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4
-55°	26.6	26.7	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.8	26.8
-56.25°	25.7	25.8	25.8	25.9	25.9	25.9	26.0	25.9	25.9	25.9	25.8
-57.5°	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
-58.75°	23.8	23.9	23.9	24.0	24.0	24.0	24.1	24.0	24.0	24.0	23.9
-60°	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0
-61.25°	21.9	22.0	22.1	22.1	22.1	22.1	22.2	22.1	22.1	22.1	22.1
-62.5°	20.9	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.1	21.1
-63.75°	19.6	19.7	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.8	19.8
-65°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
-66.25°	16.6	16.7	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.8	16.8
-67.5°	15.0	15.0	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.1	15.1
-68.75°	13.6	13.7	13.8	13.8	13.8	13.8	13.9	13.8	13.8	13.8	13.8
-70°	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
-71.25°	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1
-72.5°	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
-73.75°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-76.25°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
-77.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-80°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-81.25°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-82.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1
85°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
83.75°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
82.5°	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3
81.25°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.2
80°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
78.75°	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7
77.5°	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3
76.25°	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.7
75°	8.3	8.3	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.1
73.75°	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5
72.5°	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.4	9.3
71.25°	11.1	11.0	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.1
70°	12.4	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.4
68.75°	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.0	12.9	12.7	12.6
67.5°	15.0	15.0	14.9	14.8	14.7	14.6	14.5	14.3	14.2	14.0	13.8
66.25°	16.7	16.6	16.5	16.4	16.2	16.1	15.9	15.7	15.5	15.3	15.1
65°	18.4	18.3	18.2	18.0	17.9	17.7	17.6	17.4	17.2	16.9	16.7
63.75°	19.7	19.6	19.6	19.5	19.3	19.2	19.1	18.9	18.7	18.5	18.3
62.5°	21.0	20.9	20.8	20.7	20.6	20.5	20.3	20.1	20.0	19.8	19.6
61.25°	22.0	21.9	21.9	21.8	21.7	21.6	21.5	21.3	21.2	21.0	20.8
60°	23.0	22.9	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.9	21.8
58.75°	23.9	23.8	23.7	23.6	23.5	23.4	23.3	23.2	23.0	22.8	22.7
57.5°	24.8	24.8	24.7	24.6	24.5	24.3	24.2	24.1	23.9	23.7	23.5
56.25°	25.8	25.7	25.6	25.5	25.4	25.3	25.1	25.0	24.8	24.6	24.4
55°	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.7	25.5	25.3
53.75°	27.4	27.3	27.3	27.2	27.1	27.0	26.9	26.8	26.6	26.4	26.2
52.5°	28.0	27.9	27.9	27.8	27.7	27.6	27.5	27.4	27.3	27.1	27.0
51.25°	28.2	28.2	28.2	28.2	28.1	28.1	28.1	28.0	27.8	27.7	27.5
50°	28.4	28.4	28.3	28.3	28.3	28.3	28.2	28.2	28.2	28.1	28.1
48.75°	28.7	28.7	28.6	28.6	28.5	28.4	28.4	28.3	28.3	28.3	28.2
47.5°	29.1	29.1	29.0	28.9	28.9	28.8	28.7	28.6	28.5	28.4	28.4
46.25°	29.3	29.3	29.3	29.3	29.2	29.2	29.1	29.0	28.9	28.8	28.7
45°	29.5	29.5	29.5	29.5	29.4	29.4	29.3	29.3	29.2	29.2	29.1
43.75°	29.9	29.8	29.8	29.7	29.6	29.6	29.5	29.5	29.4	29.4	29.3
42.5°	30.2	30.2	30.1	30.0	30.0	29.9	29.8	29.7	29.6	29.5	29.5
41.25°	30.6	30.5	30.5	30.4	30.3	30.2	30.1	30.0	29.9	29.8	29.7
40°	31.0	30.9	30.8	30.8	30.7	30.6	30.5	30.4	30.3	30.1	30.0
38.75°	31.6	31.5	31.4	31.2	31.1	31.0	30.9	30.7	30.6	30.5	30.3
37.5°	32.3	32.2	32.1	31.9	31.8	31.6	31.3	31.1	31.0	30.8	30.7
36.25°	33.8	33.5	33.1	32.7	32.5	32.3	32.0	31.8	31.5	31.3	31.0
35°	35.7	35.3	35.0	34.5	34.1	33.5	32.9	32.5	32.2	31.9	31.6



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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°	39.7	38.7	37.6	36.4	35.8	35.3	34.7	34.0	33.3	32.6	32.3
32.5°	45.1	44.0	42.9	41.5	40.0	38.3	36.4	35.7	35.0	34.2	33.4
31.25°	50.7	49.5	48.2	46.7	45.1	43.3	41.4	39.3	37.1	35.8	35.0
30°	56.4	55.2	53.8	52.2	50.4	48.5	46.4	44.2	41.9	39.4	36.8
28.75°	63.0	61.4	59.5	57.8	55.9	53.8	51.6	49.2	46.6	44.0	41.3
27.5°	78.5	74.1	69.0	64.4	61.9	59.2	56.8	54.3	51.6	48.7	45.8
26.25°	117.6	106.8	95.2	82.0	74.5	67.0	62.8	59.4	56.5	53.5	50.4
25°	175.4	159.0	142.3	123.4	105.6	88.5	75.9	66.7	62.0	58.3	55.0
23.75°	241.4	223.1	202.2	178.9	154.0	129.7	106.3	85.6	72.9	64.0	59.7
22.5°	309.4	289.6	266.7	241.2	212.9	183.0	152.1	122.6	97.5	77.3	65.6
21.25°	373.8	354.5	332.0	304.9	274.4	241.7	206.9	170.7	136.5	105.5	80.0
20°	428.8	411.4	390.7	365.4	335.7	301.4	263.9	224.6	184.2	144.9	109.5
18.75°	478.6	459.8	440.5	417.8	390.5	358.0	321.0	279.0	235.5	191.0	147.8
17.5°	542.3	513.8	489.3	462.5	437.1	407.5	373.2	332.4	286.7	239.1	191.0
16.25°	628.5	589.4	551.9	512.9	481.0	449.6	417.8	380.7	336.1	286.7	235.5
15°	738.2	686.8	633.9	580.5	534.4	492.7	455.9	421.3	380.7	332.4	279.0
13.75°	874.8	806.8	735.1	665.3	602.4	545.4	496.6	455.9	417.8	373.2	321.0
12.5°	1028.5	946.7	857.5	765.8	684.3	609.8	545.4	492.7	449.6	407.5	358.0
11.25°	1194.1	1097.1	991.7	883.5	778.2	684.3	602.4	534.4	481.0	437.1	390.5
10°	1362.8	1251.8	1132.3	1007.0	883.5	765.8	665.3	580.5	512.9	462.5	417.8
8.75°	1535.3	1407.6	1271.4	1132.3	991.7	857.5	735.1	633.9	551.9	489.3	440.5
7.5°	1700.8	1560.1	1407.6	1251.8	1097.1	946.7	806.8	686.8	589.4	513.8	459.8
6.25°	1852.8	1700.8	1535.3	1362.8	1194.1	1028.5	874.8	738.2	628.5	542.3	478.6
5°	1989.1	1824.0	1648.2	1463.3	1279.5	1104.0	937.4	786.2	661.6	566.0	495.1
3.75°	2096.2	1926.5	1740.0	1546.3	1350.3	1164.7	988.3	828.7	693.5	587.0	508.2
2.5°	2173.4	2003.3	1808.9	1608.4	1405.0	1210.6	1025.8	859.5	716.6	604.5	519.2
1.25°	2218.8	2048.4	1851.5	1646.7	1438.6	1238.8	1050.5	878.3	730.7	615.1	526.9
0°	2234.6	2063.9	1866.0	1659.7	1449.9	1248.3	1058.9	884.6	735.4	618.7	529.4
-1.25°	2218.8	2048.4	1851.5	1646.7	1438.6	1238.8	1050.5	878.3	730.7	615.1	526.9
-2.5°	2173.4	2003.3	1808.9	1608.4	1405.0	1210.6	1025.8	859.5	716.6	604.5	519.2
-3.75°	2096.2	1926.5	1740.0	1546.3	1350.3	1164.7	988.3	828.7	693.5	587.0	508.2
-5°	1989.1	1824.0	1648.2	1463.3	1279.5	1104.0	937.4	786.2	661.6	566.0	495.1
-6.25°	1852.8	1700.8	1535.3	1362.8	1194.1	1028.5	874.8	738.2	628.5	542.3	478.6
-7.5°	1700.8	1560.1	1407.6	1251.8	1097.1	946.7	806.8	686.8	589.4	513.8	459.8
-8.75°	1535.3	1407.6	1271.4	1132.3	991.7	857.5	735.1	633.9	551.9	489.3	440.5
-10°	1362.8	1251.8	1132.3	1007.0	883.5	765.8	665.3	580.5	512.9	462.5	417.8
-11.25°	1194.1	1097.1	991.7	883.5	778.2	684.3	602.4	534.4	481.0	437.1	390.5
-12.5°	1028.5	946.7	857.5	765.8	684.3	609.8	545.4	492.7	449.6	407.5	358.0
-13.75°	874.8	806.8	735.1	665.3	602.4	545.4	496.6	455.9	417.8	373.2	321.0
-15°	738.2	686.8	633.9	580.5	534.4	492.7	455.9	421.3	380.7	332.4	279.0
-16.25°	628.5	589.4	551.9	512.9	481.0	449.6	417.8	380.7	336.1	286.7	235.5
-17.5°	542.3	513.8	489.3	462.5	437.1	407.5	373.2	332.4	286.7	239.1	191.0
-18.75°	478.6	459.8	440.5	417.8	390.5	358.0	321.0	279.0	235.5	191.0	147.8
-20°	428.8	411.4	390.7	365.4	335.7	301.4	263.9	224.6	184.2	144.9	109.5
-21.25°	373.8	354.5	332.0	304.9	274.4	241.7	206.9	170.7	136.5	105.5	80.0



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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°
-22.5°	309.4	289.6	266.7	241.2	212.9	183.0	152.1	122.6	97.5	77.3	65.6
-23.75°	241.4	223.1	202.2	178.9	154.0	129.7	106.3	85.6	72.9	64.0	59.7
-25°	175.4	159.0	142.3	123.4	105.6	88.5	75.9	66.7	62.0	58.3	55.0
-26.25°	117.6	106.8	95.2	82.0	74.5	67.0	62.8	59.4	56.5	53.5	50.4
-27.5°	78.5	74.1	69.0	64.4	61.9	59.2	56.8	54.3	51.6	48.7	45.8
-28.75°	63.0	61.4	59.5	57.8	55.9	53.8	51.6	49.2	46.6	44.0	41.3
-30°	56.4	55.2	53.8	52.2	50.4	48.5	46.4	44.2	41.9	39.4	36.8
-31.25°	50.7	49.5	48.2	46.7	45.1	43.3	41.4	39.3	37.1	35.8	35.0
-32.5°	45.1	44.0	42.9	41.5	40.0	38.3	36.4	35.7	35.0	34.2	33.4
-33.75°	39.7	38.7	37.6	36.4	35.8	35.3	34.7	34.0	33.3	32.6	32.3
-35°	35.7	35.3	35.0	34.5	34.1	33.5	32.9	32.5	32.2	31.9	31.6
-36.25°	33.8	33.5	33.1	32.7	32.5	32.3	32.0	31.8	31.5	31.3	31.0
-37.5°	32.3	32.2	32.1	31.9	31.8	31.6	31.3	31.1	31.0	30.8	30.7
-38.75°	31.6	31.5	31.4	31.2	31.1	31.0	30.9	30.7	30.6	30.5	30.3
-40°	31.0	30.9	30.8	30.8	30.7	30.6	30.5	30.4	30.3	30.1	30.0
-41.25°	30.6	30.5	30.5	30.4	30.3	30.2	30.1	30.0	29.9	29.8	29.7
-42.5°	30.2	30.2	30.1	30.0	30.0	29.9	29.8	29.7	29.6	29.5	29.5
-43.75°	29.9	29.8	29.8	29.7	29.6	29.6	29.5	29.5	29.4	29.4	29.3
-45°	29.5	29.5	29.5	29.5	29.4	29.4	29.3	29.3	29.2	29.2	29.1
-46.25°	29.3	29.3	29.3	29.3	29.2	29.2	29.1	29.0	28.9	28.8	28.7
-47.5°	29.1	29.1	29.0	28.9	28.9	28.8	28.7	28.6	28.5	28.4	28.4
-48.75°	28.7	28.7	28.6	28.6	28.5	28.4	28.4	28.3	28.3	28.3	28.2
-50°	28.4	28.4	28.3	28.3	28.3	28.3	28.2	28.2	28.2	28.1	28.1
-51.25°	28.2	28.2	28.2	28.2	28.1	28.1	28.1	28.0	27.8	27.7	27.5
-52.5°	28.0	27.9	27.9	27.8	27.7	27.6	27.5	27.4	27.3	27.1	27.0
-53.75°	27.4	27.3	27.3	27.2	27.1	27.0	26.9	26.8	26.6	26.4	26.2
-55°	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.7	25.5	25.3
-56.25°	25.8	25.7	25.6	25.5	25.4	25.3	25.1	25.0	24.8	24.6	24.4
-57.5°	24.8	24.8	24.7	24.6	24.5	24.3	24.2	24.1	23.9	23.7	23.5
-58.75°	23.9	23.8	23.7	23.6	23.5	23.4	23.3	23.2	23.0	22.8	22.7
-60°	23.0	22.9	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.9	21.8
-61.25°	22.0	21.9	21.9	21.8	21.7	21.6	21.5	21.3	21.2	21.0	20.8
-62.5°	21.0	20.9	20.8	20.7	20.6	20.5	20.3	20.1	20.0	19.8	19.6
-63.75°	19.7	19.6	19.6	19.5	19.3	19.2	19.1	18.9	18.7	18.5	18.3
-65°	18.4	18.3	18.2	18.0	17.9	17.7	17.6	17.4	17.2	16.9	16.7
-66.25°	16.7	16.6	16.5	16.4	16.2	16.1	15.9	15.7	15.5	15.3	15.1
-67.5°	15.0	15.0	14.9	14.8	14.7	14.6	14.5	14.3	14.2	14.0	13.8
-68.75°	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.0	12.9	12.7	12.6
-70°	12.4	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.4
-71.25°	11.1	11.0	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.1
-72.5°	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.4	9.3
-73.75°	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5
-75°	8.3	8.3	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.1
-76.25°	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.7
-77.5°	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	7.0	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7
-80°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
-81.25°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.2
-82.5°	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3
-83.75°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
-85°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
87.5°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
86.25°	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9
85°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
83.75°	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2
82.5°	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
81.25°	5.1	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.7	4.6	4.5
80°	6.0	5.9	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.3
78.75°	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.0
77.5°	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.6
76.25°	7.7	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2	7.2
75°	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6
73.75°	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9
72.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
71.25°	10.0	9.9	9.8	9.7	9.5	9.4	9.3	9.2	9.0	8.9	8.8
70°	11.2	11.0	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.6	9.4
68.75°	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.2
67.5°	13.7	13.5	13.3	13.0	12.8	12.6	12.3	12.1	11.8	11.6	11.3
66.25°	14.9	14.7	14.5	14.3	14.0	13.8	13.5	13.2	12.9	12.7	12.4
65°	16.4	16.1	15.9	15.5	15.2	15.0	14.7	14.4	14.1	13.8	13.5
63.75°	18.0	17.7	17.4	17.1	16.7	16.4	16.0	15.6	15.2	14.9	14.6
62.5°	19.3	19.1	18.9	18.6	18.2	17.9	17.5	17.1	16.7	16.2	15.8
61.25°	20.5	20.3	20.0	19.8	19.5	19.2	18.9	18.5	18.1	17.6	17.1
60°	21.6	21.4	21.2	20.9	20.6	20.3	20.0	19.6	19.3	18.9	18.5
58.75°	22.5	22.3	22.1	21.8	21.6	21.4	21.1	20.7	20.4	20.0	19.6
57.5°	23.3	23.1	22.9	22.7	22.4	22.2	21.9	21.7	21.4	21.0	20.6
56.25°	24.2	24.0	23.8	23.5	23.3	23.0	22.7	22.5	22.2	21.9	21.5
55°	25.1	24.9	24.6	24.4	24.1	23.8	23.5	23.2	22.9	22.6	22.3
53.75°	26.0	25.7	25.5	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.0
52.5°	26.8	26.6	26.3	26.0	25.7	25.4	25.1	24.8	24.5	24.1	23.8
51.25°	27.4	27.2	27.1	26.9	26.6	26.3	25.9	25.6	25.2	24.9	24.5
50°	27.9	27.8	27.6	27.4	27.2	27.0	26.7	26.4	26.0	25.6	25.2
48.75°	28.2	28.2	28.1	27.9	27.7	27.5	27.3	27.1	26.8	26.4	26.0
47.5°	28.3	28.3	28.2	28.2	28.1	28.0	27.8	27.5	27.3	27.0	26.7
46.25°	28.6	28.4	28.4	28.3	28.3	28.2	28.1	28.0	27.8	27.5	27.2
45°	28.9	28.8	28.7	28.5	28.4	28.3	28.3	28.2	28.1	28.0	27.7
43.75°	29.2	29.1	29.0	28.8	28.7	28.5	28.4	28.3	28.2	28.2	28.1
42.5°	29.4	29.3	29.3	29.2	29.0	28.8	28.7	28.5	28.4	28.3	28.2
41.25°	29.6	29.5	29.4	29.4	29.3	29.2	29.0	28.8	28.6	28.4	28.3
40°	29.9	29.8	29.6	29.5	29.4	29.3	29.2	29.1	28.9	28.7	28.5
38.75°	30.2	30.1	29.9	29.8	29.6	29.5	29.4	29.3	29.2	29.0	28.8
37.5°	30.5	30.4	30.2	30.0	29.9	29.7	29.6	29.5	29.3	29.2	29.0
36.25°	30.9	30.7	30.5	30.3	30.1	30.0	29.8	29.6	29.5	29.4	29.3
35°	31.3	31.0	30.8	30.6	30.4	30.2	30.0	29.9	29.7	29.5	29.4



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	31.9	31.6	31.2	31.0	30.7	30.5	30.3	30.1	29.9	29.7	29.5
32.5°	32.6	32.2	31.8	31.4	31.1	30.8	30.6	30.4	30.1	29.9	29.7
31.25°	34.0	33.1	32.4	32.0	31.6	31.1	30.9	30.6	30.4	30.1	29.9
30°	35.6	34.6	33.6	32.6	32.1	31.7	31.2	30.9	30.6	30.4	30.1
28.75°	38.5	36.1	35.0	33.9	32.8	32.2	31.7	31.2	30.9	30.6	30.4
27.5°	42.8	39.7	36.5	35.3	34.1	32.9	32.2	31.7	31.2	30.9	30.6
26.25°	47.1	43.9	40.6	37.2	35.4	34.2	32.9	32.2	31.7	31.1	30.8
25°	51.6	48.1	44.6	41.0	37.4	35.4	34.1	32.8	32.1	31.6	31.1
23.75°	56.0	52.3	48.5	44.8	41.0	37.2	35.3	33.9	32.6	32.0	31.4
22.5°	60.7	56.5	52.6	48.5	44.6	40.6	36.5	35.0	33.6	32.4	31.8
21.25°	67.4	61.0	56.5	52.3	48.1	43.9	39.7	36.1	34.6	33.1	32.2
20°	81.1	67.4	60.7	56.0	51.6	47.1	42.8	38.5	35.6	34.0	32.6
18.75°	109.5	80.0	65.6	59.7	55.0	50.4	45.8	41.3	36.8	35.0	33.4
17.5°	144.9	105.5	77.3	64.0	58.3	53.5	48.7	44.0	39.4	35.8	34.2
16.25°	184.2	136.5	97.5	72.9	62.0	56.5	51.6	46.6	41.9	37.1	35.0
15°	224.6	170.7	122.6	85.6	66.7	59.4	54.3	49.2	44.2	39.3	35.7
13.75°	263.9	206.9	152.1	106.3	75.9	62.8	56.8	51.6	46.4	41.4	36.4
12.5°	301.4	241.7	183.0	129.7	88.5	67.0	59.2	53.8	48.5	43.3	38.3
11.25°	335.7	274.4	212.9	154.0	105.6	74.5	61.9	55.9	50.4	45.1	40.0
10°	365.4	304.9	241.2	178.9	123.4	82.0	64.4	57.8	52.2	46.7	41.5
8.75°	390.7	332.0	266.7	202.2	142.3	95.2	69.0	59.5	53.8	48.2	42.9
7.5°	411.4	354.5	289.6	223.1	159.0	106.8	74.1	61.4	55.2	49.5	44.0
6.25°	428.8	373.8	309.4	241.4	175.4	117.6	78.5	63.0	56.4	50.7	45.1
5°	441.9	388.6	325.7	256.6	189.3	128.8	83.6	64.3	57.4	51.6	45.9
3.75°	452.2	399.6	337.7	268.5	200.1	137.6	89.7	65.6	58.2	52.3	46.6
2.5°	459.6	407.5	346.3	277.2	207.9	143.9	94.1	67.6	58.8	52.9	47.0
1.25°	464.1	412.3	351.5	282.5	212.6	147.7	96.8	68.7	59.1	53.2	47.3
0°	465.6	414.0	353.3	284.2	214.2	148.9	97.7	69.1	59.2	53.3	47.4
-1.25°	464.1	412.3	351.5	282.5	212.6	147.7	96.8	68.7	59.1	53.2	47.3
-2.5°	459.6	407.5	346.3	277.2	207.9	143.9	94.1	67.6	58.8	52.9	47.0
-3.75°	452.2	399.6	337.7	268.5	200.1	137.6	89.7	65.6	58.2	52.3	46.6
-5°	441.9	388.6	325.7	256.6	189.3	128.8	83.6	64.3	57.4	51.6	45.9
-6.25°	428.8	373.8	309.4	241.4	175.4	117.6	78.5	63.0	56.4	50.7	45.1
-7.5°	411.4	354.5	289.6	223.1	159.0	106.8	74.1	61.4	55.2	49.5	44.0
-8.75°	390.7	332.0	266.7	202.2	142.3	95.2	69.0	59.5	53.8	48.2	42.9
-10°	365.4	304.9	241.2	178.9	123.4	82.0	64.4	57.8	52.2	46.7	41.5
-11.25°	335.7	274.4	212.9	154.0	105.6	74.5	61.9	55.9	50.4	45.1	40.0
-12.5°	301.4	241.7	183.0	129.7	88.5	67.0	59.2	53.8	48.5	43.3	38.3
-13.75°	263.9	206.9	152.1	106.3	75.9	62.8	56.8	51.6	46.4	41.4	36.4
-15°	224.6	170.7	122.6	85.6	66.7	59.4	54.3	49.2	44.2	39.3	35.7
-16.25°	184.2	136.5	97.5	72.9	62.0	56.5	51.6	46.6	41.9	37.1	35.0
-17.5°	144.9	105.5	77.3	64.0	58.3	53.5	48.7	44.0	39.4	35.8	34.2
-18.75°	109.5	80.0	65.6	59.7	55.0	50.4	45.8	41.3	36.8	35.0	33.4
-20°	81.1	67.4	60.7	56.0	51.6	47.1	42.8	38.5	35.6	34.0	32.6
-21.25°	67.4	61.0	56.5	52.3	48.1	43.9	39.7	36.1	34.6	33.1	32.2





REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	60.7	56.5	52.6	48.5	44.6	40.6	36.5	35.0	33.6	32.4	31.8
-23.75°	56.0	52.3	48.5	44.8	41.0	37.2	35.3	33.9	32.6	32.0	31.4
-25°	51.6	48.1	44.6	41.0	37.4	35.4	34.1	32.8	32.1	31.6	31.1
-26.25°	47.1	43.9	40.6	37.2	35.4	34.2	32.9	32.2	31.7	31.1	30.8
-27.5°	42.8	39.7	36.5	35.3	34.1	32.9	32.2	31.7	31.2	30.9	30.6
-28.75°	38.5	36.1	35.0	33.9	32.8	32.2	31.7	31.2	30.9	30.6	30.4
-30°	35.6	34.6	33.6	32.6	32.1	31.7	31.2	30.9	30.6	30.4	30.1
-31.25°	34.0	33.1	32.4	32.0	31.6	31.1	30.9	30.6	30.4	30.1	29.9
-32.5°	32.6	32.2	31.8	31.4	31.1	30.8	30.6	30.4	30.1	29.9	29.7
-33.75°	31.9	31.6	31.2	31.0	30.7	30.5	30.3	30.1	29.9	29.7	29.5
-35°	31.3	31.0	30.8	30.6	30.4	30.2	30.0	29.9	29.7	29.5	29.4
-36.25°	30.9	30.7	30.5	30.3	30.1	30.0	29.8	29.6	29.5	29.4	29.3
-37.5°	30.5	30.4	30.2	30.0	29.9	29.7	29.6	29.5	29.3	29.2	29.0
-38.75°	30.2	30.1	29.9	29.8	29.6	29.5	29.4	29.3	29.2	29.0	28.8
-40°	29.9	29.8	29.6	29.5	29.4	29.3	29.2	29.1	28.9	28.7	28.5
-41.25°	29.6	29.5	29.4	29.4	29.3	29.2	29.0	28.8	28.6	28.4	28.3
-42.5°	29.4	29.3	29.3	29.2	29.0	28.8	28.7	28.5	28.4	28.3	28.2
-43.75°	29.2	29.1	29.0	28.8	28.7	28.5	28.4	28.3	28.2	28.2	28.1
-45°	28.9	28.8	28.7	28.5	28.4	28.3	28.3	28.2	28.1	28.0	27.7
-46.25°	28.6	28.4	28.4	28.3	28.3	28.2	28.1	28.0	27.8	27.5	27.2
-47.5°	28.3	28.3	28.2	28.2	28.1	28.0	27.8	27.5	27.3	27.0	26.7
-48.75°	28.2	28.2	28.1	27.9	27.7	27.5	27.3	27.1	26.8	26.4	26.0
-50°	27.9	27.8	27.6	27.4	27.2	27.0	26.7	26.4	26.0	25.6	25.2
-51.25°	27.4	27.2	27.1	26.9	26.6	26.3	25.9	25.6	25.2	24.9	24.5
-52.5°	26.8	26.6	26.3	26.0	25.7	25.4	25.1	24.8	24.5	24.1	23.8
-53.75°	26.0	25.7	25.5	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.0
-55°	25.1	24.9	24.6	24.4	24.1	23.8	23.5	23.2	22.9	22.6	22.3
-56.25°	24.2	24.0	23.8	23.5	23.3	23.0	22.7	22.5	22.2	21.9	21.5
-57.5°	23.3	23.1	22.9	22.7	22.4	22.2	21.9	21.7	21.4	21.0	20.6
-58.75°	22.5	22.3	22.1	21.8	21.6	21.4	21.1	20.7	20.4	20.0	19.6
-60°	21.6	21.4	21.2	20.9	20.6	20.3	20.0	19.6	19.3	18.9	18.5
-61.25°	20.5	20.3	20.0	19.8	19.5	19.2	18.9	18.5	18.1	17.6	17.1
-62.5°	19.3	19.1	18.9	18.6	18.2	17.9	17.5	17.1	16.7	16.2	15.8
-63.75°	18.0	17.7	17.4	17.1	16.7	16.4	16.0	15.6	15.2	14.9	14.6
-65°	16.4	16.1	15.9	15.5	15.2	15.0	14.7	14.4	14.1	13.8	13.5
-66.25°	14.9	14.7	14.5	14.3	14.0	13.8	13.5	13.2	12.9	12.7	12.4
-67.5°	13.7	13.5	13.3	13.0	12.8	12.6	12.3	12.1	11.8	11.6	11.3
-68.75°	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.2
-70°	11.2	11.0	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.6	9.4
-71.25°	10.0	9.9	9.8	9.7	9.5	9.4	9.3	9.2	9.0	8.9	8.8
-72.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
-73.75°	8.5	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9
-75°	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6
-76.25°	7.7	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2	7.2
-77.5°	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.6



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.0
-80°	6.0	5.9	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.3
-81.25°	5.1	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.7	4.6	4.5
-82.5°	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
-83.75°	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2
-85°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
-86.25°	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9
-87.5°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
86.25°	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
85°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
83.75°	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6
82.5°	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
81.25°	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.7
80°	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
78.75°	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.8
77.5°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4
76.25°	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.0
75°	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.5
73.75°	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0
72.5°	8.2	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4
71.25°	8.6	8.5	8.3	8.2	8.2	8.1	8.0	7.9	7.9	7.8	7.7
70°	9.3	9.1	8.9	8.8	8.6	8.4	8.3	8.2	8.1	8.0	7.9
68.75°	9.9	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.3	8.2
67.5°	11.0	10.7	10.4	10.1	9.8	9.6	9.4	9.2	9.0	8.7	8.5
66.25°	12.0	11.7	11.4	11.1	10.7	10.4	10.0	9.8	9.5	9.3	9.0
65°	13.1	12.8	12.4	12.1	11.7	11.3	11.0	10.6	10.2	9.8	9.6
63.75°	14.2	13.8	13.5	13.1	12.7	12.3	11.9	11.5	11.1	10.7	10.2
62.5°	15.3	14.9	14.5	14.1	13.7	13.3	12.8	12.4	12.0	11.5	11.1
61.25°	16.7	16.2	15.6	15.1	14.7	14.3	13.8	13.3	12.9	12.4	11.9
60°	18.0	17.5	16.9	16.4	15.8	15.2	14.7	14.3	13.8	13.3	12.7
58.75°	19.2	18.8	18.2	17.7	17.1	16.4	15.8	15.2	14.7	14.1	13.6
57.5°	20.2	19.8	19.3	18.8	18.3	17.7	17.0	16.3	15.7	15.0	14.5
56.25°	21.2	20.8	20.3	19.8	19.3	18.8	18.2	17.5	16.8	16.1	15.3
55°	21.9	21.6	21.2	20.8	20.2	19.7	19.2	18.6	17.9	17.1	16.4
53.75°	22.7	22.3	21.9	21.6	21.2	20.6	20.1	19.5	18.9	18.2	17.4
52.5°	23.4	23.0	22.6	22.2	21.8	21.4	20.9	20.3	19.7	19.1	18.5
51.25°	24.1	23.7	23.3	22.9	22.5	22.1	21.6	21.2	20.6	19.9	19.3
50°	24.9	24.4	24.0	23.6	23.2	22.7	22.3	21.8	21.3	20.7	20.0
48.75°	25.6	25.1	24.7	24.3	23.8	23.4	22.9	22.4	21.9	21.4	20.8
47.5°	26.3	25.8	25.4	24.9	24.5	24.0	23.5	23.0	22.5	22.0	21.5
46.25°	26.9	26.5	26.1	25.6	25.1	24.6	24.1	23.6	23.1	22.5	22.0
45°	27.4	27.1	26.7	26.2	25.7	25.2	24.7	24.2	23.6	23.1	22.5
43.75°	27.8	27.5	27.2	26.9	26.4	25.8	25.3	24.8	24.2	23.6	23.1
42.5°	28.1	27.9	27.6	27.3	26.9	26.4	25.9	25.3	24.8	24.2	23.6
41.25°	28.2	28.2	28.0	27.7	27.3	27.0	26.5	25.9	25.3	24.7	24.1
40°	28.3	28.3	28.2	28.1	27.7	27.3	27.0	26.4	25.8	25.2	24.6
38.75°	28.5	28.4	28.3	28.2	28.1	27.7	27.3	26.9	26.4	25.7	25.1
37.5°	28.8	28.6	28.4	28.3	28.2	28.1	27.7	27.3	26.9	26.2	25.6
36.25°	29.1	28.8	28.6	28.4	28.3	28.2	28.0	27.6	27.2	26.7	26.1
35°	29.3	29.1	28.8	28.6	28.4	28.3	28.2	27.9	27.5	27.1	26.5



REPORT NUMBER: P220455 (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°
33.75°	29.4	29.3	29.1	28.8	28.5	28.3	28.2	28.1	27.8	27.4	26.9
32.5°	29.5	29.4	29.3	29.0	28.8	28.5	28.3	28.2	28.1	27.7	27.2
31.25°	29.7	29.5	29.4	29.2	29.0	28.7	28.4	28.3	28.2	28.0	27.5
30°	29.9	29.7	29.5	29.3	29.2	28.9	28.6	28.4	28.2	28.1	27.8
28.75°	30.1	29.9	29.6	29.5	29.3	29.1	28.8	28.5	28.3	28.2	28.0
27.5°	30.3	30.0	29.8	29.6	29.4	29.2	29.0	28.7	28.4	28.3	28.1
26.25°	30.5	30.2	30.0	29.7	29.5	29.3	29.2	28.8	28.5	28.3	28.2
25°	30.7	30.4	30.1	29.9	29.6	29.4	29.3	29.0	28.7	28.4	28.3
23.75°	31.0	30.6	30.3	30.0	29.8	29.5	29.4	29.2	28.8	28.5	28.3
22.5°	31.2	30.8	30.5	30.2	29.9	29.6	29.4	29.3	29.0	28.7	28.4
21.25°	31.6	31.0	30.7	30.4	30.1	29.8	29.5	29.3	29.1	28.8	28.4
20°	31.9	31.3	30.9	30.5	30.2	29.9	29.6	29.4	29.2	28.9	28.6
18.75°	32.3	31.6	31.0	30.7	30.3	30.0	29.7	29.5	29.3	29.1	28.7
17.5°	32.6	31.9	31.3	30.8	30.5	30.1	29.8	29.5	29.4	29.2	28.8
16.25°	33.3	32.2	31.5	31.0	30.6	30.3	29.9	29.6	29.4	29.2	28.9
15°	34.0	32.5	31.8	31.1	30.7	30.4	30.0	29.7	29.5	29.3	29.0
13.75°	34.7	32.9	32.0	31.3	30.9	30.5	30.1	29.8	29.5	29.3	29.1
12.5°	35.3	33.5	32.3	31.6	31.0	30.6	30.2	29.9	29.6	29.4	29.2
11.25°	35.8	34.1	32.5	31.8	31.1	30.7	30.3	30.0	29.6	29.4	29.2
10°	36.4	34.5	32.7	31.9	31.2	30.8	30.4	30.0	29.7	29.5	29.3
8.75°	37.6	35.0	33.1	32.1	31.4	30.8	30.5	30.1	29.8	29.5	29.3
7.5°	38.7	35.3	33.5	32.2	31.5	30.9	30.5	30.2	29.8	29.5	29.3
6.25°	39.7	35.7	33.8	32.3	31.6	31.0	30.6	30.2	29.9	29.5	29.3
5°	40.5	35.9	34.0	32.4	31.7	31.0	30.6	30.2	29.9	29.6	29.4
3.75°	41.1	36.1	34.2	32.5	31.8	31.1	30.7	30.3	29.9	29.6	29.4
2.5°	41.5	36.3	34.4	32.6	31.8	31.1	30.7	30.3	29.9	29.6	29.4
1.25°	41.8	36.4	34.5	32.6	31.8	31.1	30.7	30.3	29.9	29.6	29.4
0°	41.9	36.4	34.5	32.6	31.9	31.1	30.7	30.3	30.0	29.6	29.4
-1.25°	41.8	36.4	34.5	32.6	31.8	31.1	30.7	30.3	29.9	29.6	29.4
-2.5°	41.5	36.3	34.4	32.6	31.8	31.1	30.7	30.3	29.9	29.6	29.4
-3.75°	41.1	36.1	34.2	32.5	31.8	31.1	30.7	30.3	29.9	29.6	29.4
-5°	40.5	35.9	34.0	32.4	31.7	31.0	30.6	30.2	29.9	29.6	29.4
-6.25°	39.7	35.7	33.8	32.3	31.6	31.0	30.6	30.2	29.9	29.5	29.3
-7.5°	38.7	35.3	33.5	32.2	31.5	30.9	30.5	30.2	29.8	29.5	29.3
-8.75°	37.6	35.0	33.1	32.1	31.4	30.8	30.5	30.1	29.8	29.5	29.3
-10°	36.4	34.5	32.7	31.9	31.2	30.8	30.4	30.0	29.7	29.5	29.3
-11.25°	35.8	34.1	32.5	31.8	31.1	30.7	30.3	30.0	29.6	29.4	29.2
-12.5°	35.3	33.5	32.3	31.6	31.0	30.6	30.2	29.9	29.6	29.4	29.2
-13.75°	34.7	32.9	32.0	31.3	30.9	30.5	30.1	29.8	29.5	29.3	29.1
-15°	34.0	32.5	31.8	31.1	30.7	30.4	30.0	29.7	29.5	29.3	29.0
-16.25°	33.3	32.2	31.5	31.0	30.6	30.3	29.9	29.6	29.4	29.2	28.9
-17.5°	32.6	31.9	31.3	30.8	30.5	30.1	29.8	29.5	29.4	29.2	28.8
-18.75°	32.3	31.6	31.0	30.7	30.3	30.0	29.7	29.5	29.3	29.1	28.7
-20°	31.9	31.3	30.9	30.5	30.2	29.9	29.6	29.4	29.2	28.9	28.6
-21.25°	31.6	31.0	30.7	30.4	30.1	29.8	29.5	29.3	29.1	28.8	28.4



REPORT NUMBER: P220455 (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°	31.2	30.8	30.5	30.2	29.9	29.6	29.4	29.3	29.0	28.7	28.4
-23.75°	31.0	30.6	30.3	30.0	29.8	29.5	29.4	29.2	28.8	28.5	28.3
-25°	30.7	30.4	30.1	29.9	29.6	29.4	29.3	29.0	28.7	28.4	28.3
-26.25°	30.5	30.2	30.0	29.7	29.5	29.3	29.2	28.8	28.5	28.3	28.2
-27.5°	30.3	30.0	29.8	29.6	29.4	29.2	29.0	28.7	28.4	28.3	28.1
-28.75°	30.1	29.9	29.6	29.5	29.3	29.1	28.8	28.5	28.3	28.2	28.0
-30°	29.9	29.7	29.5	29.3	29.2	28.9	28.6	28.4	28.2	28.1	27.8
-31.25°	29.7	29.5	29.4	29.2	29.0	28.7	28.4	28.3	28.2	28.0	27.5
-32.5°	29.5	29.4	29.3	29.0	28.8	28.5	28.3	28.2	28.1	27.7	27.2
-33.75°	29.4	29.3	29.1	28.8	28.5	28.3	28.2	28.1	27.8	27.4	26.9
-35°	29.3	29.1	28.8	28.6	28.4	28.3	28.2	27.9	27.5	27.1	26.5
-36.25°	29.1	28.8	28.6	28.4	28.3	28.2	28.0	27.6	27.2	26.7	26.1
-37.5°	28.8	28.6	28.4	28.3	28.2	28.1	27.7	27.3	26.9	26.2	25.6
-38.75°	28.5	28.4	28.3	28.2	28.1	27.7	27.3	26.9	26.4	25.7	25.1
-40°	28.3	28.3	28.2	28.1	27.7	27.3	27.0	26.4	25.8	25.2	24.6
-41.25°	28.2	28.2	28.0	27.7	27.3	27.0	26.5	25.9	25.3	24.7	24.1
-42.5°	28.1	27.9	27.6	27.3	26.9	26.4	25.9	25.3	24.8	24.2	23.6
-43.75°	27.8	27.5	27.2	26.9	26.4	25.8	25.3	24.8	24.2	23.6	23.1
-45°	27.4	27.1	26.7	26.2	25.7	25.2	24.7	24.2	23.6	23.1	22.5
-46.25°	26.9	26.5	26.1	25.6	25.1	24.6	24.1	23.6	23.1	22.5	22.0
-47.5°	26.3	25.8	25.4	24.9	24.5	24.0	23.5	23.0	22.5	22.0	21.5
-48.75°	25.6	25.1	24.7	24.3	23.8	23.4	22.9	22.4	21.9	21.4	20.8
-50°	24.9	24.4	24.0	23.6	23.2	22.7	22.3	21.8	21.3	20.7	20.0
-51.25°	24.1	23.7	23.3	22.9	22.5	22.1	21.6	21.2	20.6	19.9	19.3
-52.5°	23.4	23.0	22.6	22.2	21.8	21.4	20.9	20.3	19.7	19.1	18.5
-53.75°	22.7	22.3	21.9	21.6	21.2	20.6	20.1	19.5	18.9	18.2	17.4
-55°	21.9	21.6	21.2	20.8	20.2	19.7	19.2	18.6	17.9	17.1	16.4
-56.25°	21.2	20.8	20.3	19.8	19.3	18.8	18.2	17.5	16.8	16.1	15.3
-57.5°	20.2	19.8	19.3	18.8	18.3	17.7	17.0	16.3	15.7	15.0	14.5
-58.75°	19.2	18.8	18.2	17.7	17.1	16.4	15.8	15.2	14.7	14.1	13.6
-60°	18.0	17.5	16.9	16.4	15.8	15.2	14.7	14.3	13.8	13.3	12.7
-61.25°	16.7	16.2	15.6	15.1	14.7	14.3	13.8	13.3	12.9	12.4	11.9
-62.5°	15.3	14.9	14.5	14.1	13.7	13.3	12.8	12.4	12.0	11.5	11.1
-63.75°	14.2	13.8	13.5	13.1	12.7	12.3	11.9	11.5	11.1	10.7	10.2
-65°	13.1	12.8	12.4	12.1	11.7	11.3	11.0	10.6	10.2	9.8	9.6
-66.25°	12.0	11.7	11.4	11.1	10.7	10.4	10.0	9.8	9.5	9.3	9.0
-67.5°	11.0	10.7	10.4	10.1	9.8	9.6	9.4	9.2	9.0	8.7	8.5
-68.75°	9.9	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.3	8.2
-70°	9.3	9.1	8.9	8.8	8.6	8.4	8.3	8.2	8.1	8.0	7.9
-71.25°	8.6	8.5	8.3	8.2	8.2	8.1	8.0	7.9	7.9	7.8	7.7
-72.5°	8.2	8.1	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4
-73.75°	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0
-75°	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.5
-76.25°	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.0
-77.5°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.8
-80°	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
-81.25°	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.7
-82.5°	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
-83.75°	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6
-85°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
-86.25°	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
-87.5°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
86.25°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1
85°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
83.75°	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9
82.5°	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
81.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
80°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	3.0
78.75°	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
77.5°	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.8
76.25°	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.2
75°	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6
73.75°	6.8	6.7	6.6	6.4	6.3	6.1	5.9	5.6	5.4	5.2	5.0
72.5°	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.1	5.9	5.7	5.4
71.25°	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.5	6.4	6.1	5.9
70°	7.8	7.7	7.7	7.5	7.4	7.2	7.0	6.9	6.7	6.5	6.3
68.75°	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6
67.5°	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.3	7.1	6.9
66.25°	8.8	8.6	8.3	8.2	8.1	8.0	7.8	7.7	7.6	7.4	7.2
65°	9.3	9.1	8.8	8.5	8.3	8.2	8.0	7.9	7.8	7.6	7.5
63.75°	9.8	9.6	9.3	9.0	8.7	8.4	8.2	8.1	7.9	7.8	7.7
62.5°	10.6	10.1	9.8	9.5	9.1	8.8	8.5	8.3	8.1	8.0	7.8
61.25°	11.4	10.9	10.4	9.9	9.6	9.3	8.9	8.6	8.3	8.1	8.0
60°	12.2	11.7	11.2	10.7	10.1	9.7	9.4	9.0	8.7	8.3	8.2
58.75°	13.1	12.5	12.0	11.4	10.8	10.3	9.8	9.4	9.1	8.7	8.3
57.5°	13.9	13.3	12.7	12.1	11.6	11.0	10.4	9.8	9.4	9.1	8.7
56.25°	14.7	14.1	13.5	12.9	12.3	11.6	11.0	10.4	9.8	9.4	9.0
55°	15.6	14.9	14.3	13.6	13.0	12.3	11.7	11.0	10.4	9.8	9.4
53.75°	16.6	15.8	15.0	14.4	13.7	13.0	12.3	11.6	11.0	10.3	9.7
52.5°	17.6	16.8	15.9	15.1	14.4	13.7	13.0	12.3	11.6	10.8	10.1
51.25°	18.6	17.7	16.9	16.0	15.1	14.4	13.6	12.9	12.1	11.4	10.7
50°	19.4	18.7	17.8	16.9	15.9	15.0	14.3	13.5	12.7	12.0	11.2
48.75°	20.1	19.4	18.7	17.7	16.8	15.8	14.9	14.1	13.3	12.5	11.7
47.5°	20.8	20.1	19.4	18.6	17.6	16.6	15.6	14.7	13.9	13.1	12.2
46.25°	21.5	20.8	20.0	19.3	18.5	17.4	16.4	15.3	14.5	13.6	12.7
45°	22.0	21.4	20.7	19.9	19.1	18.2	17.1	16.1	15.0	14.1	13.3
43.75°	22.5	21.9	21.3	20.6	19.7	18.9	17.9	16.8	15.7	14.7	13.8
42.5°	23.0	22.4	21.8	21.2	20.3	19.5	18.6	17.5	16.3	15.2	14.3
41.25°	23.5	22.9	22.3	21.6	20.9	20.1	19.2	18.2	17.0	15.8	14.7
40°	24.0	23.4	22.7	22.1	21.4	20.6	19.7	18.8	17.7	16.4	15.2
38.75°	24.5	23.8	23.2	22.5	21.8	21.2	20.2	19.3	18.3	17.1	15.8
37.5°	24.9	24.3	23.6	22.9	22.2	21.6	20.8	19.8	18.8	17.7	16.4
36.25°	25.4	24.7	24.0	23.3	22.6	21.9	21.2	20.3	19.3	18.2	16.9
35°	25.8	25.1	24.4	23.7	23.0	22.3	21.6	20.8	19.8	18.8	17.5



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	26.3	25.6	24.9	24.1	23.4	22.7	21.9	21.2	20.2	19.2	18.0
32.5°	26.7	26.0	25.2	24.5	23.8	23.0	22.3	21.5	20.6	19.6	18.5
31.25°	27.0	26.4	25.6	24.9	24.1	23.4	22.6	21.9	21.0	20.0	18.9
30°	27.3	26.8	26.0	25.2	24.5	23.7	22.9	22.2	21.4	20.4	19.3
28.75°	27.5	27.1	26.4	25.6	24.8	24.0	23.2	22.5	21.7	20.7	19.6
27.5°	27.8	27.3	26.7	25.9	25.1	24.3	23.5	22.7	21.9	21.1	20.0
26.25°	28.0	27.5	27.0	26.3	25.4	24.6	23.8	23.0	22.2	21.4	20.3
25°	28.1	27.7	27.2	26.6	25.7	24.9	24.1	23.3	22.4	21.6	20.6
23.75°	28.2	27.9	27.4	26.9	26.0	25.2	24.4	23.5	22.7	21.8	20.9
22.5°	28.2	28.1	27.6	27.1	26.3	25.5	24.6	23.8	22.9	22.1	21.2
21.25°	28.3	28.2	27.8	27.2	26.6	25.7	24.9	24.0	23.1	22.3	21.4
20°	28.3	28.2	27.9	27.4	26.8	26.0	25.1	24.2	23.3	22.5	21.6
18.75°	28.4	28.2	28.1	27.5	27.0	26.2	25.3	24.4	23.5	22.7	21.8
17.5°	28.4	28.3	28.1	27.7	27.1	26.4	25.5	24.6	23.7	22.8	21.9
16.25°	28.5	28.3	28.2	27.8	27.3	26.6	25.7	24.8	23.9	23.0	22.1
15°	28.6	28.3	28.2	28.0	27.4	26.8	25.9	25.0	24.1	23.2	22.2
13.75°	28.7	28.4	28.2	28.1	27.5	26.9	26.0	25.1	24.2	23.3	22.4
12.5°	28.8	28.4	28.3	28.1	27.6	27.0	26.2	25.3	24.3	23.4	22.5
11.25°	28.9	28.5	28.3	28.1	27.7	27.1	26.3	25.4	24.5	23.5	22.6
10°	28.9	28.6	28.3	28.2	27.8	27.2	26.4	25.5	24.6	23.6	22.7
8.75°	29.0	28.6	28.3	28.2	27.9	27.3	26.5	25.6	24.7	23.7	22.8
7.5°	29.1	28.7	28.4	28.2	27.9	27.3	26.6	25.7	24.8	23.8	22.9
6.25°	29.1	28.7	28.4	28.2	28.0	27.4	26.7	25.8	24.8	23.9	23.0
5°	29.1	28.7	28.4	28.2	28.0	27.4	26.8	25.8	24.9	23.9	23.0
3.75°	29.2	28.8	28.4	28.2	28.1	27.5	26.8	25.9	24.9	24.0	23.0
2.5°	29.2	28.8	28.4	28.2	28.1	27.5	26.9	25.9	25.0	24.0	23.1
1.25°	29.2	28.8	28.4	28.2	28.1	27.5	26.9	25.9	25.0	24.0	23.1
0°	29.2	28.8	28.4	28.3	28.1	27.5	26.9	26.0	25.0	24.1	23.1
-1.25°	29.2	28.8	28.4	28.2	28.1	27.5	26.9	25.9	25.0	24.0	23.1
-2.5°	29.2	28.8	28.4	28.2	28.1	27.5	26.9	25.9	25.0	24.0	23.1
-3.75°	29.2	28.8	28.4	28.2	28.1	27.5	26.8	25.9	24.9	24.0	23.0
-5°	29.1	28.7	28.4	28.2	28.0	27.4	26.8	25.8	24.9	23.9	23.0
-6.25°	29.1	28.7	28.4	28.2	28.0	27.4	26.7	25.8	24.8	23.9	23.0
-7.5°	29.1	28.7	28.4	28.2	27.9	27.3	26.6	25.7	24.8	23.8	22.9
-8.75°	29.0	28.6	28.3	28.2	27.9	27.3	26.5	25.6	24.7	23.7	22.8
-10°	28.9	28.6	28.3	28.2	27.8	27.2	26.4	25.5	24.6	23.6	22.7
-11.25°	28.9	28.5	28.3	28.1	27.7	27.1	26.3	25.4	24.5	23.5	22.6
-12.5°	28.8	28.4	28.3	28.1	27.6	27.0	26.2	25.3	24.3	23.4	22.5
-13.75°	28.7	28.4	28.2	28.1	27.5	26.9	26.0	25.1	24.2	23.3	22.4
-15°	28.6	28.3	28.2	28.0	27.4	26.8	25.9	25.0	24.1	23.2	22.2
-16.25°	28.5	28.3	28.2	27.8	27.3	26.6	25.7	24.8	23.9	23.0	22.1
-17.5°	28.4	28.3	28.1	27.7	27.1	26.4	25.5	24.6	23.7	22.8	21.9
-18.75°	28.4	28.2	28.1	27.5	27.0	26.2	25.3	24.4	23.5	22.7	21.8
-20°	28.3	28.2	27.9	27.4	26.8	26.0	25.1	24.2	23.3	22.5	21.6
-21.25°	28.3	28.2	27.8	27.2	26.6	25.7	24.9	24.0	23.1	22.3	21.4





REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	28.2	28.1	27.6	27.1	26.3	25.5	24.6	23.8	22.9	22.1	21.2
-23.75°	28.2	27.9	27.4	26.9	26.0	25.2	24.4	23.5	22.7	21.8	20.9
-25°	28.1	27.7	27.2	26.6	25.7	24.9	24.1	23.3	22.4	21.6	20.6
-26.25°	28.0	27.5	27.0	26.3	25.4	24.6	23.8	23.0	22.2	21.4	20.3
-27.5°	27.8	27.3	26.7	25.9	25.1	24.3	23.5	22.7	21.9	21.1	20.0
-28.75°	27.5	27.1	26.4	25.6	24.8	24.0	23.2	22.5	21.7	20.7	19.6
-30°	27.3	26.8	26.0	25.2	24.5	23.7	22.9	22.2	21.4	20.4	19.3
-31.25°	27.0	26.4	25.6	24.9	24.1	23.4	22.6	21.9	21.0	20.0	18.9
-32.5°	26.7	26.0	25.2	24.5	23.8	23.0	22.3	21.5	20.6	19.6	18.5
-33.75°	26.3	25.6	24.9	24.1	23.4	22.7	21.9	21.2	20.2	19.2	18.0
-35°	25.8	25.1	24.4	23.7	23.0	22.3	21.6	20.8	19.8	18.8	17.5
-36.25°	25.4	24.7	24.0	23.3	22.6	21.9	21.2	20.3	19.3	18.2	16.9
-37.5°	24.9	24.3	23.6	22.9	22.2	21.6	20.8	19.8	18.8	17.7	16.4
-38.75°	24.5	23.8	23.2	22.5	21.8	21.2	20.2	19.3	18.3	17.1	15.8
-40°	24.0	23.4	22.7	22.1	21.4	20.6	19.7	18.8	17.7	16.4	15.2
-41.25°	23.5	22.9	22.3	21.6	20.9	20.1	19.2	18.2	17.0	15.8	14.7
-42.5°	23.0	22.4	21.8	21.2	20.3	19.5	18.6	17.5	16.3	15.2	14.3
-43.75°	22.5	21.9	21.3	20.6	19.7	18.9	17.9	16.8	15.7	14.7	13.8
-45°	22.0	21.4	20.7	19.9	19.1	18.2	17.1	16.1	15.0	14.1	13.3
-46.25°	21.5	20.8	20.0	19.3	18.5	17.4	16.4	15.3	14.5	13.6	12.7
-47.5°	20.8	20.1	19.4	18.6	17.6	16.6	15.6	14.7	13.9	13.1	12.2
-48.75°	20.1	19.4	18.7	17.7	16.8	15.8	14.9	14.1	13.3	12.5	11.7
-50°	19.4	18.7	17.8	16.9	15.9	15.0	14.3	13.5	12.7	12.0	11.2
-51.25°	18.6	17.7	16.9	16.0	15.1	14.4	13.6	12.9	12.1	11.4	10.7
-52.5°	17.6	16.8	15.9	15.1	14.4	13.7	13.0	12.3	11.6	10.8	10.1
-53.75°	16.6	15.8	15.0	14.4	13.7	13.0	12.3	11.6	11.0	10.3	9.7
-55°	15.6	14.9	14.3	13.6	13.0	12.3	11.7	11.0	10.4	9.8	9.4
-56.25°	14.7	14.1	13.5	12.9	12.3	11.6	11.0	10.4	9.8	9.4	9.0
-57.5°	13.9	13.3	12.7	12.1	11.6	11.0	10.4	9.8	9.4	9.1	8.7
-58.75°	13.1	12.5	12.0	11.4	10.8	10.3	9.8	9.4	9.1	8.7	8.3
-60°	12.2	11.7	11.2	10.7	10.1	9.7	9.4	9.0	8.7	8.3	8.2
-61.25°	11.4	10.9	10.4	9.9	9.6	9.3	8.9	8.6	8.3	8.1	8.0
-62.5°	10.6	10.1	9.8	9.5	9.1	8.8	8.5	8.3	8.1	8.0	7.8
-63.75°	9.8	9.6	9.3	9.0	8.7	8.4	8.2	8.1	7.9	7.8	7.7
-65°	9.3	9.1	8.8	8.5	8.3	8.2	8.0	7.9	7.8	7.6	7.5
-66.25°	8.8	8.6	8.3	8.2	8.1	8.0	7.8	7.7	7.6	7.4	7.2
-67.5°	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.3	7.1	6.9
-68.75°	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6
-70°	7.8	7.7	7.7	7.5	7.4	7.2	7.0	6.9	6.7	6.5	6.3
-71.25°	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.5	6.4	6.1	5.9
-72.5°	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.1	5.9	5.7	5.4
-73.75°	6.8	6.7	6.6	6.4	6.3	6.1	5.9	5.6	5.4	5.2	5.0
-75°	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6
-76.25°	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.2
-77.5°	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.8



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
-80°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	3.0
-81.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-82.5°	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
-83.75°	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9
-85°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-86.25°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1
-87.5°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
-88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
87.5°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
86.25°	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6
85°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
83.75°	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.0
82.5°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
81.25°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
80°	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
78.75°	3.2	3.1	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9
77.5°	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.1
76.25°	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.5	2.3
75°	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
73.75°	4.8	4.6	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
72.5°	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.3	3.1	2.9
71.25°	5.6	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.1
70°	6.0	5.7	5.5	5.2	4.9	4.6	4.4	4.1	3.8	3.6	3.3
68.75°	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.1	3.8	3.5
67.5°	6.7	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.3	4.0	3.7
66.25°	7.0	6.7	6.5	6.3	5.9	5.6	5.2	4.9	4.6	4.3	3.9
65°	7.2	7.0	6.8	6.5	6.3	5.9	5.5	5.2	4.8	4.5	4.1
63.75°	7.5	7.3	7.0	6.8	6.5	6.2	5.8	5.5	5.1	4.7	4.4
62.5°	7.7	7.5	7.3	7.0	6.7	6.5	6.1	5.7	5.3	4.9	4.6
61.25°	7.8	7.7	7.5	7.2	7.0	6.7	6.4	6.0	5.6	5.2	4.8
60°	8.0	7.8	7.7	7.5	7.2	6.9	6.6	6.3	5.9	5.4	5.0
58.75°	8.1	8.0	7.8	7.6	7.4	7.1	6.8	6.5	6.1	5.7	5.2
57.5°	8.3	8.1	7.9	7.8	7.6	7.3	7.0	6.7	6.4	5.9	5.4
56.25°	8.6	8.3	8.1	7.9	7.7	7.5	7.2	6.9	6.5	6.1	5.6
55°	8.9	8.5	8.2	8.0	7.8	7.7	7.4	7.0	6.7	6.4	5.9
53.75°	9.3	8.8	8.4	8.2	8.0	7.8	7.5	7.2	6.9	6.5	6.1
52.5°	9.6	9.1	8.7	8.3	8.1	7.9	7.7	7.4	7.0	6.7	6.3
51.25°	9.9	9.5	9.0	8.5	8.2	8.0	7.8	7.5	7.2	6.8	6.4
50°	10.4	9.8	9.3	8.8	8.3	8.1	7.9	7.7	7.3	6.9	6.6
48.75°	10.9	10.1	9.6	9.1	8.6	8.2	8.0	7.7	7.5	7.1	6.7
47.5°	11.4	10.6	9.8	9.3	8.8	8.3	8.1	7.8	7.6	7.2	6.8
46.25°	11.9	11.1	10.2	9.6	9.0	8.5	8.2	7.9	7.7	7.4	7.0
45°	12.4	11.5	10.7	9.8	9.3	8.7	8.3	8.0	7.8	7.5	7.1
43.75°	12.9	12.0	11.1	10.2	9.5	9.0	8.4	8.1	7.9	7.6	7.2
42.5°	13.3	12.4	11.5	10.6	9.8	9.2	8.6	8.2	7.9	7.7	7.3
41.25°	13.8	12.8	11.9	11.0	10.0	9.4	8.8	8.3	8.0	7.8	7.4
40°	14.3	13.3	12.3	11.3	10.4	9.6	9.0	8.4	8.1	7.8	7.5
38.75°	14.7	13.7	12.7	11.7	10.7	9.8	9.2	8.6	8.2	7.9	7.6
37.5°	15.1	14.1	13.1	12.1	11.1	10.1	9.4	8.8	8.2	8.0	7.7
36.25°	15.6	14.5	13.5	12.4	11.4	10.4	9.6	8.9	8.3	8.0	7.8
35°	16.2	14.9	13.8	12.8	11.7	10.7	9.8	9.1	8.5	8.1	7.8



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	16.7	15.3	14.2	13.1	12.0	11.0	9.9	9.3	8.6	8.2	7.9
32.5°	17.1	15.8	14.6	13.5	12.4	11.3	10.2	9.4	8.8	8.2	7.9
31.25°	17.6	16.2	14.9	13.8	12.7	11.6	10.5	9.6	8.9	8.3	8.0
30°	18.1	16.7	15.2	14.1	12.9	11.8	10.7	9.7	9.0	8.4	8.0
28.75°	18.5	17.1	15.6	14.4	13.2	12.1	11.0	9.9	9.2	8.5	8.1
27.5°	18.9	17.5	16.0	14.7	13.5	12.3	11.2	10.1	9.3	8.6	8.1
26.25°	19.2	17.9	16.4	15.0	13.8	12.6	11.4	10.3	9.4	8.7	8.2
25°	19.5	18.2	16.7	15.2	14.0	12.8	11.6	10.5	9.5	8.8	8.2
23.75°	19.8	18.6	17.1	15.5	14.3	13.0	11.8	10.7	9.7	8.9	8.3
22.5°	20.0	18.9	17.4	15.9	14.5	13.3	12.0	10.9	9.8	9.0	8.3
21.25°	20.3	19.1	17.7	16.1	14.7	13.5	12.2	11.0	9.9	9.1	8.4
20°	20.5	19.3	18.0	16.4	14.9	13.7	12.4	11.2	10.0	9.2	8.5
18.75°	20.8	19.6	18.3	16.7	15.1	13.8	12.6	11.4	10.1	9.3	8.5
17.5°	21.0	19.8	18.5	16.9	15.3	14.0	12.7	11.5	10.3	9.4	8.6
16.25°	21.2	20.0	18.7	17.2	15.5	14.2	12.9	11.6	10.4	9.4	8.7
15°	21.3	20.1	18.9	17.4	15.7	14.3	13.0	11.8	10.5	9.5	8.7
13.75°	21.5	20.3	19.1	17.6	15.9	14.5	13.2	11.9	10.6	9.6	8.8
12.5°	21.6	20.5	19.2	17.7	16.1	14.6	13.3	12.0	10.7	9.6	8.8
11.25°	21.7	20.6	19.3	17.9	16.2	14.7	13.4	12.1	10.8	9.7	8.9
10°	21.8	20.7	19.5	18.0	16.4	14.8	13.5	12.2	10.9	9.7	8.9
8.75°	21.9	20.8	19.6	18.2	16.5	14.9	13.6	12.2	11.0	9.8	9.0
7.5°	21.9	20.9	19.6	18.3	16.6	15.0	13.6	12.3	11.0	9.8	9.0
6.25°	22.0	21.0	19.7	18.4	16.7	15.0	13.7	12.4	11.1	9.8	9.0
5°	22.1	21.1	19.8	18.5	16.8	15.1	13.8	12.4	11.1	9.9	9.1
3.75°	22.1	21.1	19.8	18.5	16.8	15.1	13.8	12.5	11.2	9.9	9.1
2.5°	22.1	21.2	19.9	18.6	16.9	15.2	13.8	12.5	11.2	9.9	9.1
1.25°	22.1	21.2	19.9	18.6	16.9	15.2	13.8	12.5	11.2	9.9	9.1
0°	22.2	21.2	19.9	18.6	16.9	15.2	13.9	12.5	11.2	9.9	9.1
-1.25°	22.1	21.2	19.9	18.6	16.9	15.2	13.8	12.5	11.2	9.9	9.1
-2.5°	22.1	21.2	19.9	18.6	16.9	15.2	13.8	12.5	11.2	9.9	9.1
-3.75°	22.1	21.1	19.8	18.5	16.8	15.1	13.8	12.5	11.2	9.9	9.1
-5°	22.1	21.1	19.8	18.5	16.8	15.1	13.8	12.4	11.1	9.9	9.1
-6.25°	22.0	21.0	19.7	18.4	16.7	15.0	13.7	12.4	11.1	9.8	9.0
-7.5°	21.9	20.9	19.6	18.3	16.6	15.0	13.6	12.3	11.0	9.8	9.0
-8.75°	21.9	20.8	19.6	18.2	16.5	14.9	13.6	12.2	11.0	9.8	9.0
-10°	21.8	20.7	19.5	18.0	16.4	14.8	13.5	12.2	10.9	9.7	8.9
-11.25°	21.7	20.6	19.3	17.9	16.2	14.7	13.4	12.1	10.8	9.7	8.9
-12.5°	21.6	20.5	19.2	17.7	16.1	14.6	13.3	12.0	10.7	9.6	8.8
-13.75°	21.5	20.3	19.1	17.6	15.9	14.5	13.2	11.9	10.6	9.6	8.8
-15°	21.3	20.1	18.9	17.4	15.7	14.3	13.0	11.8	10.5	9.5	8.7
-16.25°	21.2	20.0	18.7	17.2	15.5	14.2	12.9	11.6	10.4	9.4	8.7
-17.5°	21.0	19.8	18.5	16.9	15.3	14.0	12.7	11.5	10.3	9.4	8.6
-18.75°	20.8	19.6	18.3	16.7	15.1	13.8	12.6	11.4	10.1	9.3	8.5
-20°	20.5	19.3	18.0	16.4	14.9	13.7	12.4	11.2	10.0	9.2	8.5
-21.25°	20.3	19.1	17.7	16.1	14.7	13.5	12.2	11.0	9.9	9.1	8.4



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	20.0	18.9	17.4	15.9	14.5	13.3	12.0	10.9	9.8	9.0	8.3
-23.75°	19.8	18.6	17.1	15.5	14.3	13.0	11.8	10.7	9.7	8.9	8.3
-25°	19.5	18.2	16.7	15.2	14.0	12.8	11.6	10.5	9.5	8.8	8.2
-26.25°	19.2	17.9	16.4	15.0	13.8	12.6	11.4	10.3	9.4	8.7	8.2
-27.5°	18.9	17.5	16.0	14.7	13.5	12.3	11.2	10.1	9.3	8.6	8.1
-28.75°	18.5	17.1	15.6	14.4	13.2	12.1	11.0	9.9	9.2	8.5	8.1
-30°	18.1	16.7	15.2	14.1	12.9	11.8	10.7	9.7	9.0	8.4	8.0
-31.25°	17.6	16.2	14.9	13.8	12.7	11.6	10.5	9.6	8.9	8.3	8.0
-32.5°	17.1	15.8	14.6	13.5	12.4	11.3	10.2	9.4	8.8	8.2	7.9
-33.75°	16.7	15.3	14.2	13.1	12.0	11.0	9.9	9.3	8.6	8.2	7.9
-35°	16.2	14.9	13.8	12.8	11.7	10.7	9.8	9.1	8.5	8.1	7.8
-36.25°	15.6	14.5	13.5	12.4	11.4	10.4	9.6	8.9	8.3	8.0	7.8
-37.5°	15.1	14.1	13.1	12.1	11.1	10.1	9.4	8.8	8.2	8.0	7.7
-38.75°	14.7	13.7	12.7	11.7	10.7	9.8	9.2	8.6	8.2	7.9	7.6
-40°	14.3	13.3	12.3	11.3	10.4	9.6	9.0	8.4	8.1	7.8	7.5
-41.25°	13.8	12.8	11.9	11.0	10.0	9.4	8.8	8.3	8.0	7.8	7.4
-42.5°	13.3	12.4	11.5	10.6	9.8	9.2	8.6	8.2	7.9	7.7	7.3
-43.75°	12.9	12.0	11.1	10.2	9.5	9.0	8.4	8.1	7.9	7.6	7.2
-45°	12.4	11.5	10.7	9.8	9.3	8.7	8.3	8.0	7.8	7.5	7.1
-46.25°	11.9	11.1	10.2	9.6	9.0	8.5	8.2	7.9	7.7	7.4	7.0
-47.5°	11.4	10.6	9.8	9.3	8.8	8.3	8.1	7.8	7.6	7.2	6.8
-48.75°	10.9	10.1	9.6	9.1	8.6	8.2	8.0	7.7	7.5	7.1	6.7
-50°	10.4	9.8	9.3	8.8	8.3	8.1	7.9	7.7	7.3	6.9	6.6
-51.25°	9.9	9.5	9.0	8.5	8.2	8.0	7.8	7.5	7.2	6.8	6.4
-52.5°	9.6	9.1	8.7	8.3	8.1	7.9	7.7	7.4	7.0	6.7	6.3
-53.75°	9.3	8.8	8.4	8.2	8.0	7.8	7.5	7.2	6.9	6.5	6.1
-55°	8.9	8.5	8.2	8.0	7.8	7.7	7.4	7.0	6.7	6.4	5.9
-56.25°	8.6	8.3	8.1	7.9	7.7	7.5	7.2	6.9	6.5	6.1	5.6
-57.5°	8.3	8.1	7.9	7.8	7.6	7.3	7.0	6.7	6.4	5.9	5.4
-58.75°	8.1	8.0	7.8	7.6	7.4	7.1	6.8	6.5	6.1	5.7	5.2
-60°	8.0	7.8	7.7	7.5	7.2	6.9	6.6	6.3	5.9	5.4	5.0
-61.25°	7.8	7.7	7.5	7.2	7.0	6.7	6.4	6.0	5.6	5.2	4.8
-62.5°	7.7	7.5	7.3	7.0	6.7	6.5	6.1	5.7	5.3	4.9	4.6
-63.75°	7.5	7.3	7.0	6.8	6.5	6.2	5.8	5.5	5.1	4.7	4.4
-65°	7.2	7.0	6.8	6.5	6.3	5.9	5.5	5.2	4.8	4.5	4.1
-66.25°	7.0	6.7	6.5	6.3	5.9	5.6	5.2	4.9	4.6	4.3	3.9
-67.5°	6.7	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.3	4.0	3.7
-68.75°	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.1	3.8	3.5
-70°	6.0	5.7	5.5	5.2	4.9	4.6	4.4	4.1	3.8	3.6	3.3
-71.25°	5.6	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.1
-72.5°	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.3	3.1	2.9
-73.75°	4.8	4.6	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-75°	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
-76.25°	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.5	2.3
-77.5°	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.1



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.2	3.1	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9
-80°	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-81.25°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
-82.5°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
-83.75°	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.0
-85°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-86.25°	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6
-87.5°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-88.75°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
87.5°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
86.25°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
85°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
83.75°	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.2
82.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
81.25°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
80°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
78.75°	1.7	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
77.5°	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.6	0.5	0.3
76.25°	2.1	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
75°	2.3	2.1	1.9	1.7	1.5	1.4	1.2	1.0	0.8	0.6	0.4
73.75°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.6	0.4
72.5°	2.7	2.5	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.5
71.25°	2.9	2.6	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
70°	3.1	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
68.75°	3.2	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
67.5°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
66.25°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
65°	3.8	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.3	1.0	0.6
63.75°	4.0	3.7	3.3	3.0	2.6	2.3	2.0	1.7	1.3	1.0	0.7
62.5°	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
61.25°	4.4	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
60°	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.9	1.5	1.1	0.7
58.75°	4.8	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
57.5°	5.0	4.5	4.1	3.7	3.2	2.8	2.4	2.0	1.6	1.2	0.8
56.25°	5.2	4.7	4.2	3.8	3.3	2.9	2.5	2.1	1.7	1.2	0.8
55°	5.3	4.8	4.4	3.9	3.5	3.0	2.6	2.1	1.7	1.3	0.9
53.75°	5.5	5.0	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
52.5°	5.7	5.2	4.7	4.2	3.7	3.2	2.7	2.3	1.8	1.4	0.9
51.25°	5.9	5.4	4.8	4.3	3.8	3.3	2.8	2.3	1.9	1.4	0.9
50°	6.1	5.5	5.0	4.4	3.9	3.4	2.9	2.4	1.9	1.4	1.0
48.75°	6.3	5.7	5.1	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
47.5°	6.4	5.9	5.3	4.7	4.1	3.6	3.0	2.5	2.0	1.5	1.0
46.25°	6.5	6.0	5.4	4.8	4.2	3.7	3.1	2.6	2.1	1.6	1.0
45°	6.7	6.2	5.5	4.9	4.3	3.8	3.2	2.6	2.1	1.6	1.1
43.75°	6.8	6.3	5.7	5.0	4.4	3.8	3.3	2.7	2.2	1.6	1.1
42.5°	6.9	6.4	5.8	5.2	4.5	3.9	3.3	2.8	2.2	1.7	1.1
41.25°	7.0	6.5	5.9	5.3	4.6	4.0	3.4	2.8	2.3	1.7	1.1
40°	7.1	6.6	6.1	5.4	4.7	4.1	3.5	2.9	2.3	1.7	1.1
38.75°	7.2	6.7	6.2	5.5	4.8	4.2	3.5	2.9	2.3	1.8	1.2
37.5°	7.3	6.8	6.3	5.6	4.9	4.2	3.6	3.0	2.4	1.8	1.2
36.25°	7.4	6.9	6.4	5.7	5.0	4.3	3.7	3.0	2.4	1.8	1.2
35°	7.5	7.0	6.5	5.8	5.1	4.4	3.7	3.1	2.5	1.8	1.2



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	7.6	7.1	6.6	5.9	5.2	4.5	3.8	3.1	2.5	1.9	1.2
32.5°	7.6	7.2	6.6	6.0	5.3	4.5	3.8	3.2	2.5	1.9	1.3
31.25°	7.7	7.2	6.7	6.1	5.3	4.6	3.9	3.2	2.6	1.9	1.3
30°	7.7	7.3	6.8	6.2	5.4	4.7	4.0	3.3	2.6	1.9	1.3
28.75°	7.8	7.4	6.9	6.3	5.5	4.7	4.0	3.3	2.6	2.0	1.3
27.5°	7.8	7.4	6.9	6.4	5.6	4.8	4.1	3.3	2.7	2.0	1.3
26.25°	7.9	7.5	7.0	6.4	5.7	4.8	4.1	3.4	2.7	2.0	1.3
25°	7.9	7.6	7.0	6.5	5.7	4.9	4.1	3.4	2.7	2.0	1.4
23.75°	7.9	7.6	7.1	6.5	5.8	5.0	4.2	3.5	2.7	2.1	1.4
22.5°	8.0	7.7	7.1	6.6	5.8	5.0	4.2	3.5	2.8	2.1	1.4
21.25°	8.0	7.7	7.2	6.6	5.9	5.1	4.3	3.5	2.8	2.1	1.4
20°	8.0	7.7	7.2	6.7	6.0	5.1	4.3	3.6	2.8	2.1	1.4
18.75°	8.1	7.7	7.3	6.7	6.0	5.2	4.3	3.6	2.8	2.1	1.4
17.5°	8.1	7.8	7.3	6.7	6.1	5.2	4.4	3.6	2.9	2.1	1.4
16.25°	8.1	7.8	7.4	6.8	6.1	5.2	4.4	3.6	2.9	2.2	1.4
15°	8.2	7.8	7.4	6.8	6.2	5.3	4.4	3.7	2.9	2.2	1.4
13.75°	8.2	7.8	7.4	6.8	6.2	5.3	4.5	3.7	2.9	2.2	1.5
12.5°	8.2	7.9	7.5	6.9	6.2	5.3	4.5	3.7	2.9	2.2	1.5
11.25°	8.2	7.9	7.5	6.9	6.3	5.4	4.5	3.7	2.9	2.2	1.5
10°	8.2	7.9	7.5	6.9	6.3	5.4	4.5	3.7	3.0	2.2	1.5
8.75°	8.2	7.9	7.5	6.9	6.3	5.4	4.5	3.8	3.0	2.2	1.5
7.5°	8.3	7.9	7.5	7.0	6.3	5.4	4.6	3.8	3.0	2.2	1.5
6.25°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
5°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
3.75°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
2.5°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
1.25°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
0°	8.3	8.0	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.3	1.5
-1.25°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
-2.5°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
-3.75°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
-5°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
-6.25°	8.3	7.9	7.6	7.0	6.4	5.5	4.6	3.8	3.0	2.2	1.5
-7.5°	8.3	7.9	7.5	7.0	6.3	5.4	4.6	3.8	3.0	2.2	1.5
-8.75°	8.2	7.9	7.5	6.9	6.3	5.4	4.5	3.8	3.0	2.2	1.5
-10°	8.2	7.9	7.5	6.9	6.3	5.4	4.5	3.7	3.0	2.2	1.5
-11.25°	8.2	7.9	7.5	6.9	6.3	5.4	4.5	3.7	2.9	2.2	1.5
-12.5°	8.2	7.9	7.5	6.9	6.2	5.3	4.5	3.7	2.9	2.2	1.5
-13.75°	8.2	7.8	7.4	6.8	6.2	5.3	4.5	3.7	2.9	2.2	1.5
-15°	8.2	7.8	7.4	6.8	6.2	5.3	4.4	3.7	2.9	2.2	1.4
-16.25°	8.1	7.8	7.4	6.8	6.1	5.2	4.4	3.6	2.9	2.2	1.4
-17.5°	8.1	7.8	7.3	6.7	6.1	5.2	4.4	3.6	2.9	2.1	1.4
-18.75°	8.1	7.7	7.3	6.7	6.0	5.2	4.3	3.6	2.8	2.1	1.4
-20°	8.0	7.7	7.2	6.7	6.0	5.1	4.3	3.6	2.8	2.1	1.4
-21.25°	8.0	7.7	7.2	6.6	5.9	5.1	4.3	3.5	2.8	2.1	1.4





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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.7	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-80°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-81.25°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
-82.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-83.75°	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.2
-85°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-86.25°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-87.5°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-88.75°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0.6	0.0
32.5°	0.6	0.0
31.25°	0.6	0.0
30°	0.6	0.0
28.75°	0.7	0.0
27.5°	0.7	0.0
26.25°	0.7	0.0
25°	0.7	0.0
23.75°	0.7	0.0
22.5°	0.7	0.0
21.25°	0.7	0.0
20°	0.7	0.0
18.75°	0.7	0.0
17.5°	0.7	0.0
16.25°	0.7	0.0
15°	0.7	0.0
13.75°	0.7	0.0
12.5°	0.7	0.0
11.25°	0.7	0.0
10°	0.7	0.0
8.75°	0.7	0.0
7.5°	0.7	0.0
6.25°	0.7	0.0
5°	0.7	0.0
3.75°	0.7	0.0
2.5°	0.7	0.0
1.25°	0.7	0.0
0°	0.7	0.0
-1.25°	0.7	0.0
-2.5°	0.7	0.0
-3.75°	0.7	0.0
-5°	0.7	0.0
-6.25°	0.7	0.0
-7.5°	0.7	0.0
-8.75°	0.7	0.0
-10°	0.7	0.0
-11.25°	0.7	0.0
-12.5°	0.7	0.0
-13.75°	0.7	0.0
-15°	0.7	0.0
-16.25°	0.7	0.0
-17.5°	0.7	0.0
-18.75°	0.7	0.0
-20°	0.7	0.0
-21.25°	0.7	0.0



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220455 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)