

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: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

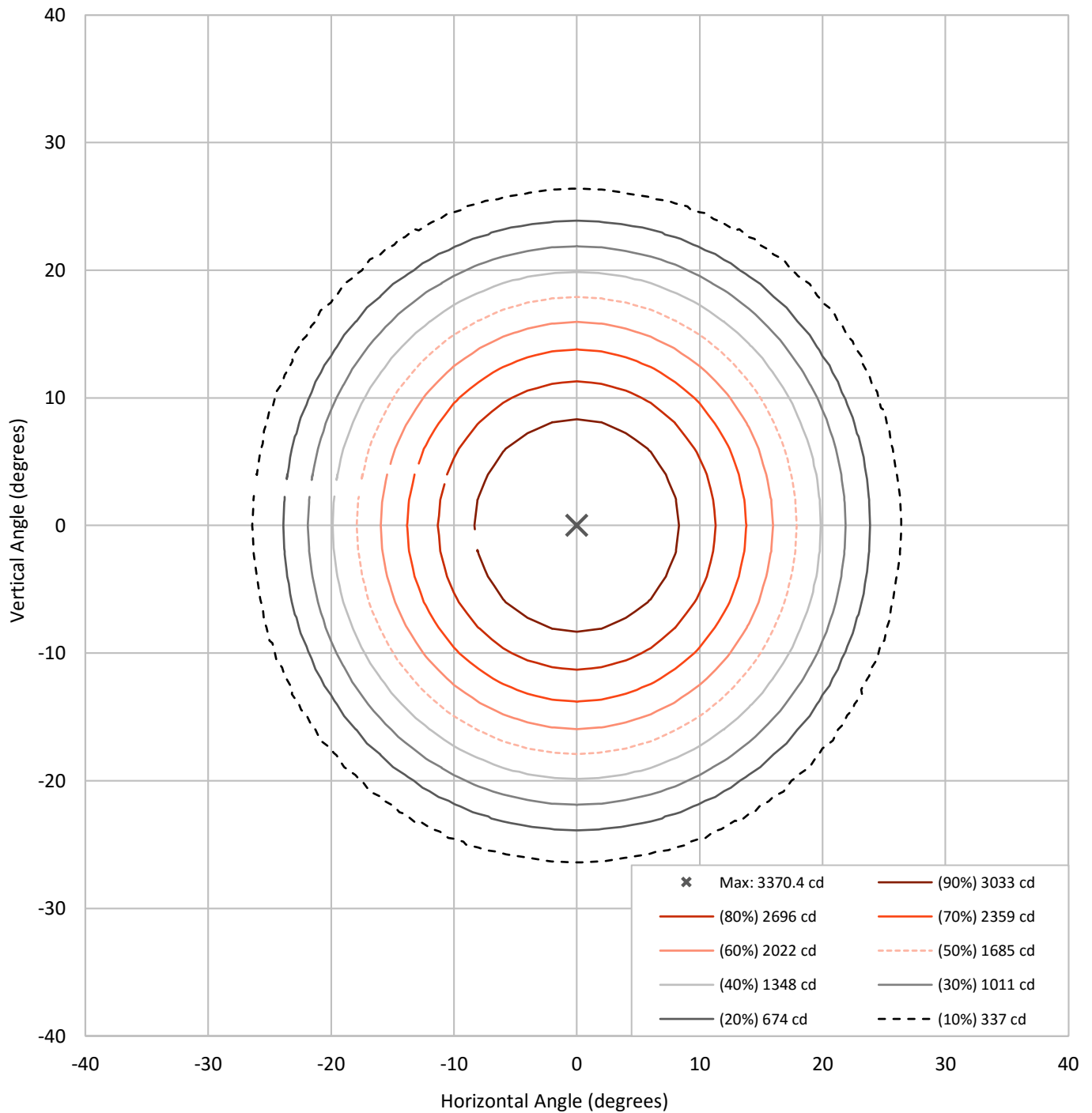
Test Method: LM-79-08  
Report Number: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
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:	1312.1 lumens	Max Intensity:	3370.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	771.5 lumens	Field Lumens:	1095.9 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





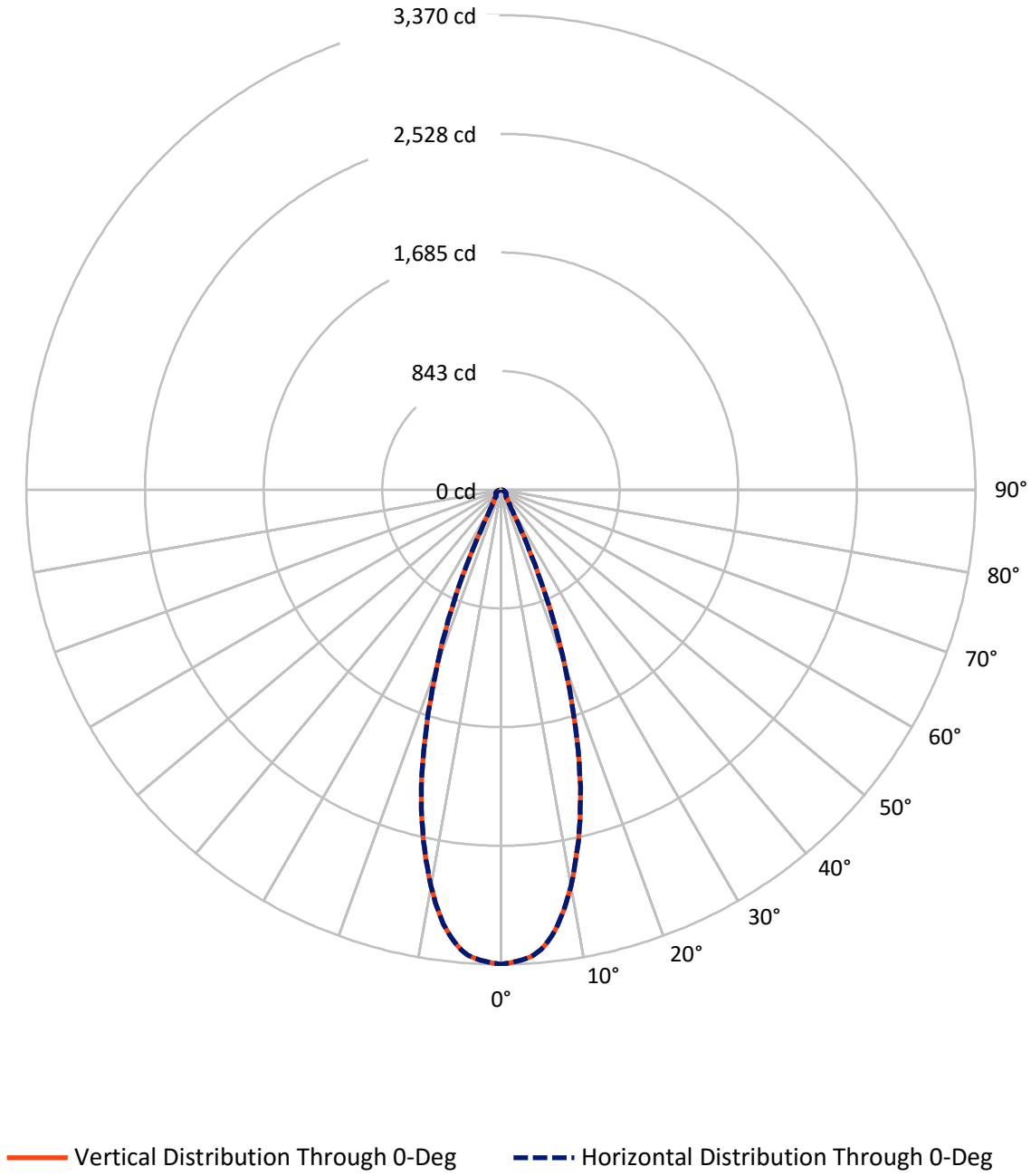
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### Lumen Table

90	0.0	0.3	0.7	1.0	1.2	1.0	0.7	0.3	0.0										
80	0.0	0.3	0.7	1.0	1.2	1.0	0.7	0.3	0.0										
70	0.1	0.1	0.2	0.4	0.5	0.7	0.8	0.9	0.9	0.8	0.7	0.5	0.4	0.2	0.1	0.1			
60		0.2	0.3	0.6	0.9	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.6	0.3	0.2				
50	0.2	0.2	0.5	0.8	1.1	1.3	1.5	1.5	1.5	1.5	1.3	1.1	0.8	0.5	0.2	0.2			
40		0.3	0.6	1.0	1.2	1.5	1.9	2.3	2.3	1.9	1.5	1.2	1.0	0.6	0.3				
30	0.3	0.3	0.7	1.0	1.3	2.2	6.6	15.5	15.5	6.6	2.2	1.3	1.0	0.7	0.3	0.3			
20		0.4	0.7	1.1	1.6	6.2	33.0	60.1	60.1	33.0	6.2	1.6	1.1	0.7	0.4				
10	0.3	0.4	0.8	1.1	1.9	14.3	58.4	92.2	92.2	58.4	14.3	1.9	1.1	0.8	0.4	0.3			
0		0.4	0.8	1.1	1.9	14.3	58.4	92.2	92.2	58.4	14.3	1.9	1.1	0.8	0.4				
-10	0.3	0.4	0.7	1.1	1.6	6.2	33.0	60.1	60.1	33.0	6.2	1.6	1.1	0.7	0.4	0.3			
-20		0.3	0.7	1.0	1.3	2.2	6.6	15.5	15.5	6.6	2.2	1.3	1.0	0.7	0.3				
-30	0.2	0.3	0.6	1.0	1.2	1.5	1.9	2.3	2.3	1.9	1.5	1.2	1.0	0.6	0.3	0.2			
-40		0.2	0.5	0.8	1.1	1.3	1.5	1.5	1.5	1.5	1.3	1.1	0.8	0.5	0.2				
-50	0.1	0.2	0.3	0.6	0.9	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.6	0.3	0.2	0.1			
-60		0.1	0.2	0.4	0.5	0.7	0.8	0.9	0.9	0.8	0.7	0.5	0.4	0.2	0.1				
-70	0.0	0.3	0.7	1.0	1.2	1.0	0.7	0.3	0.0						0.0				
-80		0.3	0.7	1.0	1.2	1.0	0.7	0.3	0.0										
-90	0.0	0.3	0.7	1.0	1.2	1.0	0.7	0.3	0.0						0.0				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

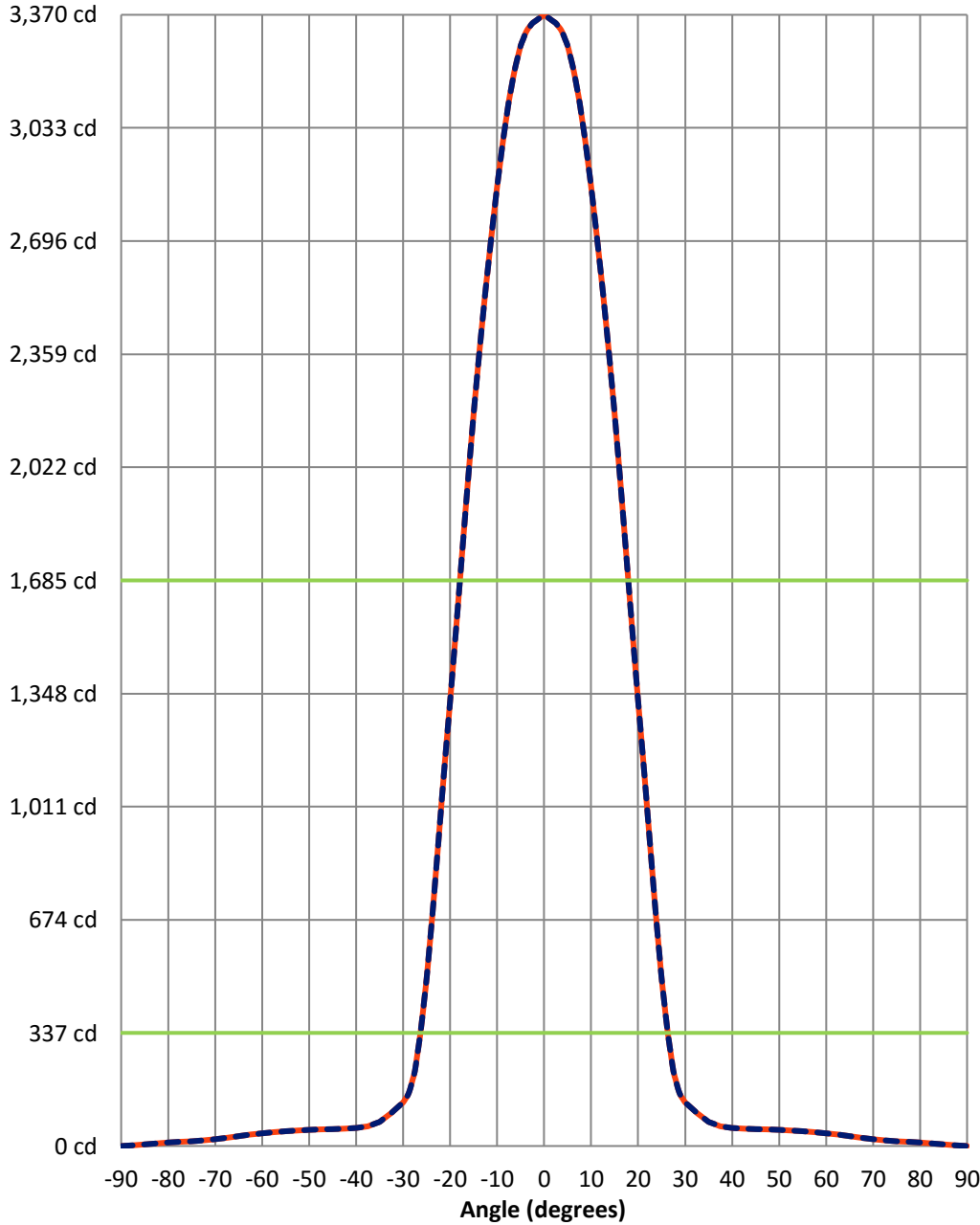
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.8°  
 V Angle: 35.8°  
 Lumens: 771.5  
 Efficiency: 58.8%

**Field:**  
 H Angle: 52.6°  
 V Angle: 52.6°  
 Lumens: 1095.9  
 Efficiency: 83.5%

**Spill:**  
 Lumens: 216.2  
 Efficiency: 16.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
86.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
83.75°	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	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.2	1.4
81.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
80°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
78.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
76.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.6
75°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.9
73.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.4	2.8	3.2
72.5°	0.0	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.7	3.1	3.5
71.25°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.4	2.9	3.3	3.8
70°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	3.1	3.6	4.1
68.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.8	3.3	3.8	4.3
67.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.6	4.1	4.6
66.25°	0.0	0.4	0.8	1.3	1.7	2.1	2.7	3.2	3.8	4.3	4.9
65°	0.0	0.4	0.9	1.3	1.8	2.3	2.8	3.4	4.0	4.6	5.2
63.75°	0.0	0.5	0.9	1.4	1.9	2.4	3.0	3.6	4.2	4.8	5.5
62.5°	0.0	0.5	1.0	1.5	1.9	2.5	3.2	3.8	4.5	5.1	5.7
61.25°	0.0	0.5	1.0	1.5	2.0	2.7	3.3	4.0	4.7	5.3	6.0
60°	0.0	0.5	1.0	1.6	2.1	2.8	3.5	4.2	4.9	5.6	6.3
58.75°	0.0	0.5	1.1	1.6	2.2	2.9	3.6	4.4	5.1	5.8	6.5
57.5°	0.0	0.6	1.1	1.7	2.3	3.1	3.8	4.6	5.3	6.0	6.8
56.25°	0.0	0.6	1.2	1.7	2.4	3.2	4.0	4.7	5.5	6.3	7.0
55°	0.0	0.6	1.2	1.8	2.5	3.3	4.1	4.9	5.7	6.5	7.3
53.75°	0.0	0.6	1.2	1.9	2.6	3.4	4.3	5.1	5.9	6.7	7.5
52.5°	0.0	0.6	1.3	1.9	2.7	3.6	4.4	5.3	6.1	6.9	7.8
51.25°	0.0	0.7	1.3	2.0	2.8	3.7	4.5	5.4	6.3	7.2	8.0
50°	0.0	0.7	1.3	2.0	2.9	3.8	4.7	5.6	6.5	7.4	8.3
48.75°	0.0	0.7	1.4	2.1	3.0	3.9	4.8	5.7	6.7	7.6	8.5
47.5°	0.0	0.7	1.4	2.1	3.1	4.0	5.0	5.9	6.8	7.8	8.7
46.25°	0.0	0.7	1.5	2.2	3.2	4.1	5.1	6.1	7.0	8.0	8.9
45°	0.0	0.7	1.5	2.3	3.3	4.2	5.2	6.2	7.2	8.2	9.2
43.75°	0.0	0.8	1.5	2.3	3.3	4.4	5.4	6.4	7.4	8.4	9.4
42.5°	0.0	0.8	1.5	2.4	3.4	4.5	5.5	6.5	7.5	8.6	9.6
41.25°	0.0	0.8	1.6	2.5	3.5	4.6	5.6	6.7	7.7	8.7	9.8
40°	0.0	0.8	1.6	2.5	3.6	4.7	5.7	6.8	7.9	8.9	10.0
38.75°	0.0	0.8	1.6	2.6	3.7	4.8	5.8	6.9	8.0	9.1	10.2
37.5°	0.0	0.8	1.7	2.6	3.7	4.8	6.0	7.1	8.2	9.3	10.4
36.25°	0.0	0.8	1.7	2.7	3.8	4.9	6.1	7.2	8.3	9.4	10.5
35°	0.0	0.9	1.7	2.7	3.9	5.0	6.2	7.3	8.5	9.6	10.7



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.9	1.7	2.8	4.0	5.1	6.3	7.4	8.6	9.8	10.8
32.5°	0.0	0.9	1.8	2.8	4.0	5.2	6.4	7.6	8.7	9.9	10.9
31.25°	0.0	0.9	1.8	2.9	4.1	5.3	6.5	7.7	8.9	10.1	11.1
30°	0.0	0.9	1.8	2.9	4.1	5.4	6.6	7.8	9.0	10.2	11.2
28.75°	0.0	0.9	1.8	3.0	4.2	5.4	6.7	7.9	9.1	10.3	11.3
27.5°	0.0	0.9	1.9	3.0	4.3	5.5	6.7	8.0	9.2	10.5	11.4
26.25°	0.0	0.9	1.9	3.1	4.3	5.6	6.8	8.1	9.3	10.6	11.5
25°	0.0	1.0	1.9	3.1	4.4	5.6	6.9	8.2	9.4	10.7	11.6
23.75°	0.0	1.0	1.9	3.1	4.4	5.7	7.0	8.3	9.5	10.7	11.7
22.5°	0.0	1.0	1.9	3.2	4.5	5.8	7.1	8.3	9.6	10.8	11.8
21.25°	0.0	1.0	2.0	3.2	4.5	5.8	7.1	8.4	9.7	10.9	11.9
20°	0.0	1.0	2.0	3.2	4.6	5.9	7.2	8.5	9.8	11.0	12.0
18.75°	0.0	1.0	2.0	3.3	4.6	5.9	7.3	8.6	9.9	11.0	12.0
17.5°	0.0	1.0	2.0	3.3	4.6	6.0	7.3	8.6	10.0	11.1	12.1
16.25°	0.0	1.0	2.0	3.3	4.7	6.0	7.4	8.7	10.0	11.2	12.2
15°	0.0	1.0	2.0	3.4	4.7	6.1	7.4	8.8	10.1	11.2	12.2
13.75°	0.0	1.0	2.0	3.4	4.7	6.1	7.5	8.8	10.2	11.3	12.3
12.5°	0.0	1.0	2.1	3.4	4.8	6.1	7.5	8.9	10.2	11.3	12.3
11.25°	0.0	1.0	2.1	3.4	4.8	6.2	7.5	8.9	10.3	11.4	12.4
10°	0.0	1.0	2.1	3.4	4.8	6.2	7.6	8.9	10.3	11.4	12.4
8.75°	0.0	1.0	2.1	3.5	4.8	6.2	7.6	9.0	10.4	11.4	12.5
7.5°	0.0	1.0	2.1	3.5	4.9	6.2	7.6	9.0	10.4	11.5	12.5
6.25°	0.0	1.0	2.1	3.5	4.9	6.3	7.6	9.0	10.4	11.5	12.5
5°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
3.75°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
2.5°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
1.25°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
0°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
-1.25°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
-2.5°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
-3.75°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
-5°	0.0	1.0	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.5	12.6
-6.25°	0.0	1.0	2.1	3.5	4.9	6.3	7.6	9.0	10.4	11.5	12.5
-7.5°	0.0	1.0	2.1	3.5	4.9	6.2	7.6	9.0	10.4	11.5	12.5
-8.75°	0.0	1.0	2.1	3.5	4.8	6.2	7.6	9.0	10.4	11.4	12.5
-10°	0.0	1.0	2.1	3.4	4.8	6.2	7.6	8.9	10.3	11.4	12.4
-11.25°	0.0	1.0	2.1	3.4	4.8	6.2	7.5	8.9	10.3	11.4	12.4
-12.5°	0.0	1.0	2.1	3.4	4.8	6.1	7.5	8.9	10.2	11.3	12.3
-13.75°	0.0	1.0	2.0	3.4	4.7	6.1	7.5	8.8	10.2	11.3	12.3
-15°	0.0	1.0	2.0	3.4	4.7	6.1	7.4	8.8	10.1	11.2	12.2
-16.25°	0.0	1.0	2.0	3.3	4.7	6.0	7.4	8.7	10.0	11.2	12.2
-17.5°	0.0	1.0	2.0	3.3	4.6	6.0	7.3	8.6	10.0	11.1	12.1
-18.75°	0.0	1.0	2.0	3.3	4.6	5.9	7.3	8.6	9.9	11.0	12.0
-20°	0.0	1.0	2.0	3.2	4.6	5.9	7.2	8.5	9.8	11.0	12.0
-21.25°	0.0	1.0	2.0	3.2	4.5	5.8	7.1	8.4	9.7	10.9	11.9





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.0	1.9	3.2	4.5	5.8	7.1	8.3	9.6	10.8	11.8
-23.75°	0.0	1.0	1.9	3.1	4.4	5.7	7.0	8.3	9.5	10.7	11.7
-25°	0.0	1.0	1.9	3.1	4.4	5.6	6.9	8.2	9.4	10.7	11.6
-26.25°	0.0	0.9	1.9	3.1	4.3	5.6	6.8	8.1	9.3	10.6	11.5
-27.5°	0.0	0.9	1.9	3.0	4.3	5.5	6.7	8.0	9.2	10.5	11.4
-28.75°	0.0	0.9	1.8	3.0	4.2	5.4	6.7	7.9	9.1	10.3	11.3
-30°	0.0	0.9	1.8	2.9	4.1	5.4	6.6	7.8	9.0	10.2	11.2
-31.25°	0.0	0.9	1.8	2.9	4.1	5.3	6.5	7.7	8.9	10.1	11.1
-32.5°	0.0	0.9	1.8	2.8	4.0	5.2	6.4	7.6	8.7	9.9	10.9
-33.75°	0.0	0.9	1.7	2.8	4.0	5.1	6.3	7.4	8.6	9.8	10.8
-35°	0.0	0.9	1.7	2.7	3.9	5.0	6.2	7.3	8.5	9.6	10.7
-36.25°	0.0	0.8	1.7	2.7	3.8	4.9	6.1	7.2	8.3	9.4	10.5
-37.5°	0.0	0.8	1.7	2.6	3.7	4.8	6.0	7.1	8.2	9.3	10.4
-38.75°	0.0	0.8	1.6	2.6	3.7	4.8	5.8	6.9	8.0	9.1	10.2
-40°	0.0	0.8	1.6	2.5	3.6	4.7	5.7	6.8	7.9	8.9	10.0
-41.25°	0.0	0.8	1.6	2.5	3.5	4.6	5.6	6.7	7.7	8.7	9.8
-42.5°	0.0	0.8	1.5	2.4	3.4	4.5	5.5	6.5	7.5	8.6	9.6
-43.75°	0.0	0.8	1.5	2.3	3.3	4.4	5.4	6.4	7.4	8.4	9.4
-45°	0.0	0.7	1.5	2.3	3.3	4.2	5.2	6.2	7.2	8.2	9.2
-46.25°	0.0	0.7	1.5	2.2	3.2	4.1	5.1	6.1	7.0	8.0	8.9
-47.5°	0.0	0.7	1.4	2.1	3.1	4.0	5.0	5.9	6.8	7.8	8.7
-48.75°	0.0	0.7	1.4	2.1	3.0	3.9	4.8	5.7	6.7	7.6	8.5
-50°	0.0	0.7	1.3	2.0	2.9	3.8	4.7	5.6	6.5	7.4	8.3
-51.25°	0.0	0.7	1.3	2.0	2.8	3.7	4.5	5.4	6.3	7.2	8.0
-52.5°	0.0	0.6	1.3	1.9	2.7	3.6	4.4	5.3	6.1	6.9	7.8
-53.75°	0.0	0.6	1.2	1.9	2.6	3.4	4.3	5.1	5.9	6.7	7.5
-55°	0.0	0.6	1.2	1.8	2.5	3.3	4.1	4.9	5.7	6.5	7.3
-56.25°	0.0	0.6	1.2	1.7	2.4	3.2	4.0	4.7	5.5	6.3	7.0
-57.5°	0.0	0.6	1.1	1.7	2.3	3.1	3.8	4.6	5.3	6.0	6.8
-58.75°	0.0	0.5	1.1	1.6	2.2	2.9	3.6	4.4	5.1	5.8	6.5
-60°	0.0	0.5	1.0	1.6	2.1	2.8	3.5	4.2	4.9	5.6	6.3
-61.25°	0.0	0.5	1.0	1.5	2.0	2.7	3.3	4.0	4.7	5.3	6.0
-62.5°	0.0	0.5	1.0	1.5	1.9	2.5	3.2	3.8	4.5	5.1	5.7
-63.75°	0.0	0.5	0.9	1.4	1.9	2.4	3.0	3.6	4.2	4.8	5.5
-65°	0.0	0.4	0.9	1.3	1.8	2.3	2.8	3.4	4.0	4.6	5.2
-66.25°	0.0	0.4	0.8	1.3	1.7	2.1	2.7	3.2	3.8	4.3	4.9
-67.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.6	4.1	4.6
-68.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.8	3.3	3.8	4.3
-70°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	3.1	3.6	4.1
-71.25°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.4	2.9	3.3	3.8
-72.5°	0.0	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.7	3.1	3.5
-73.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.4	2.8	3.2
-75°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.9
-76.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.6
-77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-80°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
-81.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
-82.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.2	1.4
-83.75°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-86.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5
87.5°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9
86.25°	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4
85°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
83.75°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4
82.5°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0
81.25°	1.7	1.9	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6
80°	2.0	2.2	2.4	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2
78.75°	2.3	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8
77.5°	2.6	2.9	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2	5.5
76.25°	2.9	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.5	5.8	6.1
75°	3.3	3.6	4.0	4.3	4.6	5.0	5.3	5.7	6.0	6.3	6.7
73.75°	3.6	4.0	4.3	4.7	5.1	5.5	5.8	6.2	6.5	6.9	7.3
72.5°	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9
71.25°	4.2	4.6	5.1	5.5	5.9	6.4	6.8	7.2	7.6	8.0	8.5
70°	4.5	5.0	5.5	5.9	6.4	6.8	7.3	7.7	8.2	8.6	9.0
68.75°	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.2	8.7	9.2	9.6
67.5°	5.1	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2
66.25°	5.5	6.0	6.5	7.1	7.6	8.2	8.7	9.2	9.8	10.3	10.7
65°	5.8	6.3	6.9	7.5	8.0	8.6	9.2	9.7	10.3	10.7	11.1
63.75°	6.1	6.7	7.3	7.9	8.5	9.0	9.6	10.2	10.7	11.1	11.6
62.5°	6.4	7.0	7.6	8.2	8.9	9.5	10.1	10.6	11.1	11.6	12.0
61.25°	6.7	7.3	8.0	8.6	9.3	9.9	10.5	11.0	11.5	12.0	12.4
60°	6.9	7.6	8.3	9.0	9.7	10.3	10.9	11.4	11.9	12.3	12.8
58.75°	7.2	7.9	8.6	9.4	10.1	10.7	11.2	11.7	12.2	12.7	13.0
57.5°	7.5	8.3	9.0	9.7	10.4	11.0	11.5	12.1	12.6	12.9	13.3
56.25°	7.8	8.6	9.3	10.1	10.7	11.3	11.9	12.4	12.8	13.2	13.6
55°	8.1	8.9	9.6	10.4	11.0	11.6	12.2	12.7	13.1	13.5	13.8
53.75°	8.3	9.2	10.0	10.7	11.3	11.9	12.5	12.9	13.3	13.7	14.2
52.5°	8.6	9.5	10.3	11.0	11.6	12.2	12.7	13.1	13.5	13.9	14.7
51.25°	8.9	9.7	10.6	11.2	11.8	12.5	12.9	13.4	13.8	14.4	15.2
50°	9.1	10.0	10.8	11.5	12.1	12.7	13.1	13.6	14.0	14.9	15.7
48.75°	9.4	10.3	11.0	11.7	12.4	12.9	13.3	13.8	14.4	15.3	16.2
47.5°	9.6	10.6	11.3	11.9	12.6	13.1	13.5	14.0	14.9	15.8	16.7
46.25°	9.9	10.8	11.5	12.2	12.8	13.3	13.7	14.4	15.3	16.2	17.2
45°	10.1	11.0	11.7	12.4	13.0	13.4	13.9	14.8	15.7	16.7	17.8
43.75°	10.4	11.2	11.9	12.6	13.1	13.6	14.2	15.2	16.1	17.2	18.4
42.5°	10.6	11.3	12.1	12.8	13.3	13.8	14.6	15.6	16.5	17.7	18.9
41.25°	10.7	11.5	12.3	12.9	13.4	13.9	14.9	15.9	17.0	18.2	19.5
40°	10.9	11.7	12.5	13.1	13.6	14.2	15.3	16.3	17.5	18.7	20.0
38.75°	11.1	11.9	12.7	13.2	13.7	14.5	15.6	16.6	17.9	19.2	20.6
37.5°	11.2	12.1	12.8	13.3	13.9	14.8	15.9	17.0	18.4	19.7	21.2
36.25°	11.4	12.2	12.9	13.5	14.0	15.1	16.2	17.5	18.8	20.2	21.8
35°	11.5	12.4	13.0	13.6	14.3	15.4	16.5	17.9	19.3	20.7	22.4



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	11.7	12.5	13.1	13.7	14.6	15.7	16.9	18.3	19.7	21.3	22.9
32.5°	11.8	12.7	13.2	13.8	14.8	16.0	17.2	18.7	20.1	21.8	23.5
31.25°	11.9	12.8	13.4	13.9	15.1	16.2	17.6	19.0	20.5	22.3	24.0
30°	12.1	12.9	13.5	14.1	15.3	16.5	17.9	19.4	21.0	22.8	24.5
28.75°	12.2	12.9	13.6	14.3	15.5	16.7	18.2	19.7	21.4	23.2	25.1
27.5°	12.3	13.0	13.6	14.5	15.8	17.0	18.6	20.1	21.9	23.7	25.7
26.25°	12.4	13.1	13.7	14.7	16.0	17.3	18.9	20.4	22.3	24.1	26.2
25°	12.5	13.2	13.8	14.9	16.2	17.6	19.1	20.8	22.7	24.5	26.7
23.75°	12.6	13.3	13.9	15.1	16.4	17.8	19.4	21.1	23.0	25.0	27.2
22.5°	12.7	13.3	14.0	15.3	16.5	18.1	19.7	21.5	23.4	25.4	27.7
21.25°	12.8	13.4	14.1	15.4	16.7	18.3	19.9	21.8	23.7	25.9	28.1
20°	12.8	13.5	14.3	15.6	16.9	18.5	20.2	22.1	24.1	26.3	28.5
18.75°	12.9	13.5	14.4	15.7	17.1	18.8	20.4	22.4	24.4	26.6	28.9
17.5°	12.9	13.6	14.5	15.9	17.3	19.0	20.7	22.7	24.7	27.0	29.3
16.25°	13.0	13.7	14.7	16.0	17.5	19.1	20.9	22.9	25.0	27.3	29.6
15°	13.0	13.7	14.8	16.1	17.6	19.3	21.1	23.1	25.3	27.6	30.0
13.75°	13.1	13.8	14.9	16.2	17.8	19.5	21.3	23.4	25.5	27.9	30.3
12.5°	13.1	13.8	15.0	16.3	17.9	19.6	21.5	23.6	25.8	28.2	30.5
11.25°	13.1	13.8	15.0	16.4	18.0	19.7	21.7	23.7	26.0	28.4	30.8
10°	13.2	13.9	15.1	16.5	18.1	19.9	21.8	23.9	26.2	28.6	31.0
8.75°	13.2	13.9	15.2	16.6	18.2	20.0	22.0	24.0	26.4	28.8	31.2
7.5°	13.2	13.9	15.2	16.6	18.3	20.1	22.1	24.2	26.5	29.0	31.4
6.25°	13.3	13.9	15.3	16.7	18.4	20.1	22.2	24.3	26.7	29.1	31.5
5°	13.3	14.0	15.3	16.7	18.4	20.2	22.3	24.3	26.8	29.2	31.6
3.75°	13.3	14.0	15.4	16.8	18.5	20.2	22.3	24.4	26.8	29.3	31.7
2.5°	13.3	14.0	15.4	16.8	18.5	20.3	22.4	24.5	26.9	29.4	31.8
1.25°	13.3	14.0	15.4	16.8	18.5	20.3	22.4	24.5	26.9	29.4	31.8
0°	13.3	14.0	15.4	16.8	18.6	20.3	22.4	24.5	27.0	29.4	31.9
-1.25°	13.3	14.0	15.4	16.8	18.5	20.3	22.4	24.5	26.9	29.4	31.8
-2.5°	13.3	14.0	15.4	16.8	18.5	20.3	22.4	24.5	26.9	29.4	31.8
-3.75°	13.3	14.0	15.4	16.8	18.5	20.2	22.3	24.4	26.8	29.3	31.7
-5°	13.3	14.0	15.3	16.7	18.4	20.2	22.3	24.3	26.8	29.2	31.6
-6.25°	13.3	13.9	15.3	16.7	18.4	20.1	22.2	24.3	26.7	29.1	31.5
-7.5°	13.2	13.9	15.2	16.6	18.3	20.1	22.1	24.2	26.5	29.0	31.4
-8.75°	13.2	13.9	15.2	16.6	18.2	20.0	22.0	24.0	26.4	28.8	31.2
-10°	13.2	13.9	15.1	16.5	18.1	19.9	21.8	23.9	26.2	28.6	31.0
-11.25°	13.1	13.8	15.0	16.4	18.0	19.7	21.7	23.7	26.0	28.4	30.8
-12.5°	13.1	13.8	15.0	16.3	17.9	19.6	21.5	23.6	25.8	28.2	30.5
-13.75°	13.1	13.8	14.9	16.2	17.8	19.5	21.3	23.4	25.5	27.9	30.3
-15°	13.0	13.7	14.8	16.1	17.6	19.3	21.1	23.1	25.3	27.6	30.0
-16.25°	13.0	13.7	14.7	16.0	17.5	19.1	20.9	22.9	25.0	27.3	29.6
-17.5°	12.9	13.6	14.5	15.9	17.3	19.0	20.7	22.7	24.7	27.0	29.3
-18.75°	12.9	13.5	14.4	15.7	17.1	18.8	20.4	22.4	24.4	26.6	28.9
-20°	12.8	13.5	14.3	15.6	16.9	18.5	20.2	22.1	24.1	26.3	28.5
-21.25°	12.8	13.4	14.1	15.4	16.7	18.3	19.9	21.8	23.7	25.9	28.1



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	12.7	13.3	14.0	15.3	16.5	18.1	19.7	21.5	23.4	25.4	27.7
-23.75°	12.6	13.3	13.9	15.1	16.4	17.8	19.4	21.1	23.0	25.0	27.2
-25°	12.5	13.2	13.8	14.9	16.2	17.6	19.1	20.8	22.7	24.5	26.7
-26.25°	12.4	13.1	13.7	14.7	16.0	17.3	18.9	20.4	22.3	24.1	26.2
-27.5°	12.3	13.0	13.6	14.5	15.8	17.0	18.6	20.1	21.9	23.7	25.7
-28.75°	12.2	12.9	13.6	14.3	15.5	16.7	18.2	19.7	21.4	23.2	25.1
-30°	12.1	12.9	13.5	14.1	15.3	16.5	17.9	19.4	21.0	22.8	24.5
-31.25°	11.9	12.8	13.4	13.9	15.1	16.2	17.6	19.0	20.5	22.3	24.0
-32.5°	11.8	12.7	13.2	13.8	14.8	16.0	17.2	18.7	20.1	21.8	23.5
-33.75°	11.7	12.5	13.1	13.7	14.6	15.7	16.9	18.3	19.7	21.3	22.9
-35°	11.5	12.4	13.0	13.6	14.3	15.4	16.5	17.9	19.3	20.7	22.4
-36.25°	11.4	12.2	12.9	13.5	14.0	15.1	16.2	17.5	18.8	20.2	21.8
-37.5°	11.2	12.1	12.8	13.3	13.9	14.8	15.9	17.0	18.4	19.7	21.2
-38.75°	11.1	11.9	12.7	13.2	13.7	14.5	15.6	16.6	17.9	19.2	20.6
-40°	10.9	11.7	12.5	13.1	13.6	14.2	15.3	16.3	17.5	18.7	20.0
-41.25°	10.7	11.5	12.3	12.9	13.4	13.9	14.9	15.9	17.0	18.2	19.5
-42.5°	10.6	11.3	12.1	12.8	13.3	13.8	14.6	15.6	16.5	17.7	18.9
-43.75°	10.4	11.2	11.9	12.6	13.1	13.6	14.2	15.2	16.1	17.2	18.4
-45°	10.1	11.0	11.7	12.4	13.0	13.4	13.9	14.8	15.7	16.7	17.8
-46.25°	9.9	10.8	11.5	12.2	12.8	13.3	13.7	14.4	15.3	16.2	17.2
-47.5°	9.6	10.6	11.3	11.9	12.6	13.1	13.5	14.0	14.9	15.8	16.7
-48.75°	9.4	10.3	11.0	11.7	12.4	12.9	13.3	13.8	14.4	15.3	16.2
-50°	9.1	10.0	10.8	11.5	12.1	12.7	13.1	13.6	14.0	14.9	15.7
-51.25°	8.9	9.7	10.6	11.2	11.8	12.5	12.9	13.4	13.8	14.4	15.2
-52.5°	8.6	9.5	10.3	11.0	11.6	12.2	12.7	13.1	13.5	13.9	14.7
-53.75°	8.3	9.2	10.0	10.7	11.3	11.9	12.5	12.9	13.3	13.7	14.2
-55°	8.1	8.9	9.6	10.4	11.0	11.6	12.2	12.7	13.1	13.5	13.8
-56.25°	7.8	8.6	9.3	10.1	10.7	11.3	11.9	12.4	12.8	13.2	13.6
-57.5°	7.5	8.3	9.0	9.7	10.4	11.0	11.5	12.1	12.6	12.9	13.3
-58.75°	7.2	7.9	8.6	9.4	10.1	10.7	11.2	11.7	12.2	12.7	13.0
-60°	6.9	7.6	8.3	9.0	9.7	10.3	10.9	11.4	11.9	12.3	12.8
-61.25°	6.7	7.3	8.0	8.6	9.3	9.9	10.5	11.0	11.5	12.0	12.4
-62.5°	6.4	7.0	7.6	8.2	8.9	9.5	10.1	10.6	11.1	11.6	12.0
-63.75°	6.1	6.7	7.3	7.9	8.5	9.0	9.6	10.2	10.7	11.1	11.6
-65°	5.8	6.3	6.9	7.5	8.0	8.6	9.2	9.7	10.3	10.7	11.1
-66.25°	5.5	6.0	6.5	7.1	7.6	8.2	8.7	9.2	9.8	10.3	10.7
-67.5°	5.1	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2
-68.75°	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.2	8.7	9.2	9.6
-70°	4.5	5.0	5.5	5.9	6.4	6.8	7.3	7.7	8.2	8.6	9.0
-71.25°	4.2	4.6	5.1	5.5	5.9	6.4	6.8	7.2	7.6	8.0	8.5
-72.5°	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9
-73.75°	3.6	4.0	4.3	4.7	5.1	5.5	5.8	6.2	6.5	6.9	7.3
-75°	3.3	3.6	4.0	4.3	4.6	5.0	5.3	5.7	6.0	6.3	6.7
-76.25°	2.9	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.5	5.8	6.1
-77.5°	2.6	2.9	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2	5.5



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	2.3	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8
-80°	2.0	2.2	2.4	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2
-81.25°	1.7	1.9	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6
-82.5°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0
-83.75°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4
-85°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
-86.25°	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4
-87.5°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9
-88.75°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	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: P220480 (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°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7
87.5°	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3
86.25°	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0
85°	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
83.75°	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7	3.8
82.5°	3.2	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.7
81.25°	3.8	4.0	4.2	4.4	4.6	4.7	4.9	5.1	5.3	5.4	5.6
80°	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5
78.75°	5.1	5.3	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.2	7.4
77.5°	5.7	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.3
76.25°	6.4	6.7	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.1
75°	7.0	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.7	10.0
73.75°	7.6	8.0	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.8
72.5°	8.2	8.6	9.0	9.4	9.7	10.1	10.4	10.7	11.0	11.2	11.5
71.25°	8.9	9.3	9.7	10.1	10.4	10.7	11.0	11.3	11.6	11.8	12.1
70°	9.5	9.9	10.3	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.7
68.75°	10.1	10.5	10.9	11.2	11.5	11.9	12.2	12.5	12.7	12.9	13.1
67.5°	10.6	11.0	11.4	11.7	12.1	12.4	12.7	12.9	13.1	13.4	13.6
66.25°	11.1	11.5	11.9	12.2	12.6	12.8	13.1	13.3	13.5	13.8	14.0
65°	11.6	12.0	12.3	12.7	12.9	13.2	13.5	13.7	13.9	14.4	14.9
63.75°	12.0	12.4	12.8	13.0	13.3	13.6	13.8	14.2	14.7	15.2	15.7
62.5°	12.4	12.8	13.1	13.4	13.6	13.9	14.4	14.9	15.5	16.0	16.5
61.25°	12.8	13.1	13.4	13.7	14.0	14.6	15.1	15.7	16.3	16.8	17.5
60°	13.1	13.4	13.7	14.0	14.7	15.3	15.9	16.5	17.1	17.8	18.5
58.75°	13.4	13.7	14.0	14.7	15.3	16.0	16.6	17.3	18.1	18.8	19.6
57.5°	13.6	14.0	14.7	15.3	16.0	16.7	17.4	18.2	19.0	19.8	20.6
56.25°	13.9	14.6	15.3	16.0	16.7	17.5	18.3	19.2	20.0	20.9	21.9
55°	14.4	15.1	15.9	16.6	17.4	18.3	19.2	20.1	21.0	22.0	23.0
53.75°	14.9	15.7	16.5	17.3	18.2	19.2	20.1	21.1	22.1	23.2	24.2
52.5°	15.5	16.3	17.1	18.1	19.0	20.0	21.0	22.1	23.2	24.3	25.5
51.25°	16.0	16.8	17.8	18.8	19.8	20.9	22.0	23.2	24.3	25.6	26.9
50°	16.5	17.5	18.5	19.6	20.6	21.9	23.0	24.2	25.5	26.9	28.2
48.75°	17.1	18.2	19.2	20.3	21.6	22.8	24.0	25.4	26.8	28.2	29.5
47.5°	17.7	18.8	19.9	21.2	22.5	23.7	25.1	26.5	28.0	29.4	30.8
46.25°	18.4	19.5	20.7	22.0	23.3	24.7	26.2	27.7	29.2	30.7	32.1
45°	19.0	20.1	21.5	22.9	24.2	25.7	27.3	28.8	30.4	31.9	33.4
43.75°	19.6	20.9	22.3	23.7	25.2	26.8	28.4	30.0	31.5	33.1	34.5
42.5°	20.2	21.6	23.0	24.5	26.1	27.8	29.4	31.1	32.7	34.3	35.4
41.25°	20.8	22.3	23.8	25.4	27.1	28.8	30.5	32.1	33.8	35.1	36.3
40°	21.5	23.0	24.5	26.3	28.0	29.8	31.5	33.2	34.7	35.9	37.1
38.75°	22.2	23.7	25.4	27.2	29.0	30.7	32.5	34.2	35.5	36.7	37.9
37.5°	22.8	24.4	26.2	28.0	29.9	31.7	33.5	35.0	36.2	37.5	38.7
36.25°	23.4	25.1	27.0	28.9	30.7	32.6	34.4	35.7	37.0	38.2	39.5
35°	24.0	25.9	27.8	29.7	31.6	33.5	35.0	36.4	37.7	39.0	40.3



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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°	24.7	26.6	28.5	30.5	32.4	34.3	35.7	37.0	38.4	39.7	41.0
32.5°	25.3	27.3	29.3	31.3	33.2	34.9	36.3	37.7	39.0	40.4	41.7
31.25°	26.0	28.0	30.0	32.0	34.0	35.5	36.9	38.3	39.7	41.1	42.2
30°	26.6	28.6	30.7	32.7	34.6	36.1	37.5	38.9	40.3	41.7	42.8
28.75°	27.2	29.3	31.4	33.4	35.1	36.6	38.1	39.5	41.0	42.2	43.3
27.5°	27.8	29.9	32.0	34.1	35.6	37.1	38.6	40.1	41.5	42.7	43.8
26.25°	28.4	30.5	32.6	34.6	36.1	37.6	39.1	40.6	42.0	43.1	44.3
25°	28.9	31.1	33.2	35.1	36.6	38.1	39.6	41.2	42.4	43.6	44.6
23.75°	29.4	31.6	33.8	35.5	37.0	38.6	40.1	41.6	42.8	44.0	45.0
22.5°	29.9	32.1	34.3	35.9	37.5	39.0	40.6	42.0	43.2	44.4	45.3
21.25°	30.4	32.6	34.7	36.3	37.9	39.5	41.0	42.4	43.6	44.7	45.6
20°	30.8	33.1	35.0	36.6	38.3	39.9	41.4	42.7	44.0	45.0	45.9
18.75°	31.2	33.5	35.4	37.0	38.6	40.2	41.7	43.0	44.3	45.2	46.2
17.5°	31.6	33.9	35.7	37.3	39.0	40.6	42.0	43.3	44.5	45.5	46.4
16.25°	32.0	34.3	36.0	37.6	39.3	40.9	42.3	43.6	44.7	45.7	46.7
15°	32.3	34.6	36.2	37.9	39.6	41.2	42.6	43.9	45.0	45.9	46.9
13.75°	32.6	34.8	36.5	38.2	39.8	41.5	42.8	44.1	45.2	46.2	47.1
12.5°	32.9	35.0	36.7	38.4	40.1	41.7	43.0	44.3	45.3	46.3	47.3
11.25°	33.2	35.2	36.9	38.6	40.3	41.9	43.2	44.5	45.5	46.5	47.5
10°	33.4	35.4	37.1	38.8	40.5	42.1	43.4	44.6	45.6	46.6	47.6
8.75°	33.6	35.5	37.3	39.0	40.7	42.2	43.6	44.7	45.8	46.8	47.8
7.5°	33.8	35.7	37.4	39.1	40.9	42.3	43.7	44.8	45.9	46.9	47.9
6.25°	34.0	35.8	37.5	39.3	41.0	42.4	43.8	44.9	46.0	47.0	48.0
5°	34.1	35.9	37.6	39.4	41.1	42.5	43.9	45.0	46.1	47.1	48.1
3.75°	34.2	36.0	37.7	39.4	41.2	42.6	44.0	45.1	46.1	47.1	48.1
2.5°	34.2	36.0	37.8	39.5	41.3	42.7	44.1	45.1	46.2	47.2	48.2
1.25°	34.3	36.0	37.8	39.5	41.3	42.7	44.1	45.1	46.2	47.2	48.2
0°	34.3	36.1	37.8	39.6	41.3	42.7	44.1	45.2	46.2	47.2	48.2
-1.25°	34.3	36.0	37.8	39.5	41.3	42.7	44.1	45.1	46.2	47.2	48.2
-2.5°	34.2	36.0	37.8	39.5	41.3	42.7	44.1	45.1	46.2	47.2	48.2
-3.75°	34.2	36.0	37.7	39.4	41.2	42.6	44.0	45.1	46.1	47.1	48.1
-5°	34.1	35.9	37.6	39.4	41.1	42.5	43.9	45.0	46.1	47.1	48.1
-6.25°	34.0	35.8	37.5	39.3	41.0	42.4	43.8	44.9	46.0	47.0	48.0
-7.5°	33.8	35.7	37.4	39.1	40.9	42.3	43.7	44.8	45.9	46.9	47.9
-8.75°	33.6	35.5	37.3	39.0	40.7	42.2	43.6	44.7	45.8	46.8	47.8
-10°	33.4	35.4	37.1	38.8	40.5	42.1	43.4	44.6	45.6	46.6	47.6
-11.25°	33.2	35.2	36.9	38.6	40.3	41.9	43.2	44.5	45.5	46.5	47.5
-12.5°	32.9	35.0	36.7	38.4	40.1	41.7	43.0	44.3	45.3	46.3	47.3
-13.75°	32.6	34.8	36.5	38.2	39.8	41.5	42.8	44.1	45.2	46.2	47.1
-15°	32.3	34.6	36.2	37.9	39.6	41.2	42.6	43.9	45.0	45.9	46.9
-16.25°	32.0	34.3	36.0	37.6	39.3	40.9	42.3	43.6	44.7	45.7	46.7
-17.5°	31.6	33.9	35.7	37.3	39.0	40.6	42.0	43.3	44.5	45.5	46.4
-18.75°	31.2	33.5	35.4	37.0	38.6	40.2	41.7	43.0	44.3	45.2	46.2
-20°	30.8	33.1	35.0	36.6	38.3	39.9	41.4	42.7	44.0	45.0	45.9
-21.25°	30.4	32.6	34.7	36.3	37.9	39.5	41.0	42.4	43.6	44.7	45.6





REPORT NUMBER: P220480 (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°	29.9	32.1	34.3	35.9	37.5	39.0	40.6	42.0	43.2	44.4	45.3
-23.75°	29.4	31.6	33.8	35.5	37.0	38.6	40.1	41.6	42.8	44.0	45.0
-25°	28.9	31.1	33.2	35.1	36.6	38.1	39.6	41.2	42.4	43.6	44.6
-26.25°	28.4	30.5	32.6	34.6	36.1	37.6	39.1	40.6	42.0	43.1	44.3
-27.5°	27.8	29.9	32.0	34.1	35.6	37.1	38.6	40.1	41.5	42.7	43.8
-28.75°	27.2	29.3	31.4	33.4	35.1	36.6	38.1	39.5	41.0	42.2	43.3
-30°	26.6	28.6	30.7	32.7	34.6	36.1	37.5	38.9	40.3	41.7	42.8
-31.25°	26.0	28.0	30.0	32.0	34.0	35.5	36.9	38.3	39.7	41.1	42.2
-32.5°	25.3	27.3	29.3	31.3	33.2	34.9	36.3	37.7	39.0	40.4	41.7
-33.75°	24.7	26.6	28.5	30.5	32.4	34.3	35.7	37.0	38.4	39.7	41.0
-35°	24.0	25.9	27.8	29.7	31.6	33.5	35.0	36.4	37.7	39.0	40.3
-36.25°	23.4	25.1	27.0	28.9	30.7	32.6	34.4	35.7	37.0	38.2	39.5
-37.5°	22.8	24.4	26.2	28.0	29.9	31.7	33.5	35.0	36.2	37.5	38.7
-38.75°	22.2	23.7	25.4	27.2	29.0	30.7	32.5	34.2	35.5	36.7	37.9
-40°	21.5	23.0	24.5	26.3	28.0	29.8	31.5	33.2	34.7	35.9	37.1
-41.25°	20.8	22.3	23.8	25.4	27.1	28.8	30.5	32.1	33.8	35.1	36.3
-42.5°	20.2	21.6	23.0	24.5	26.1	27.8	29.4	31.1	32.7	34.3	35.4
-43.75°	19.6	20.9	22.3	23.7	25.2	26.8	28.4	30.0	31.5	33.1	34.5
-45°	19.0	20.1	21.5	22.9	24.2	25.7	27.3	28.8	30.4	31.9	33.4
-46.25°	18.4	19.5	20.7	22.0	23.3	24.7	26.2	27.7	29.2	30.7	32.1
-47.5°	17.7	18.8	19.9	21.2	22.5	23.7	25.1	26.5	28.0	29.4	30.8
-48.75°	17.1	18.2	19.2	20.3	21.6	22.8	24.0	25.4	26.8	28.2	29.5
-50°	16.5	17.5	18.5	19.6	20.6	21.9	23.0	24.2	25.5	26.9	28.2
-51.25°	16.0	16.8	17.8	18.8	19.8	20.9	22.0	23.2	24.3	25.6	26.9
-52.5°	15.5	16.3	17.1	18.1	19.0	20.0	21.0	22.1	23.2	24.3	25.5
-53.75°	14.9	15.7	16.5	17.3	18.2	19.2	20.1	21.1	22.1	23.2	24.2
-55°	14.4	15.1	15.9	16.6	17.4	18.3	19.2	20.1	21.0	22.0	23.0
-56.25°	13.9	14.6	15.3	16.0	16.7	17.5	18.3	19.2	20.0	20.9	21.9
-57.5°	13.6	14.0	14.7	15.3	16.0	16.7	17.4	18.2	19.0	19.8	20.6
-58.75°	13.4	13.7	14.0	14.7	15.3	16.0	16.6	17.3	18.1	18.8	19.6
-60°	13.1	13.4	13.7	14.0	14.7	15.3	15.9	16.5	17.1	17.8	18.5
-61.25°	12.8	13.1	13.4	13.7	14.0	14.6	15.1	15.7	16.3	16.8	17.5
-62.5°	12.4	12.8	13.1	13.4	13.6	13.9	14.4	14.9	15.5	16.0	16.5
-63.75°	12.0	12.4	12.8	13.0	13.3	13.6	13.8	14.2	14.7	15.2	15.7
-65°	11.6	12.0	12.3	12.7	12.9	13.2	13.5	13.7	13.9	14.4	14.9
-66.25°	11.1	11.5	11.9	12.2	12.6	12.8	13.1	13.3	13.5	13.8	14.0
-67.5°	10.6	11.0	11.4	11.7	12.1	12.4	12.7	12.9	13.1	13.4	13.6
-68.75°	10.1	10.5	10.9	11.2	11.5	11.9	12.2	12.5	12.7	12.9	13.1
-70°	9.5	9.9	10.3	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.7
-71.25°	8.9	9.3	9.7	10.1	10.4	10.7	11.0	11.3	11.6	11.8	12.1
-72.5°	8.2	8.6	9.0	9.4	9.7	10.1	10.4	10.7	11.0	11.2	11.5
-73.75°	7.6	8.0	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.8
-75°	7.0	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.7	10.0
-76.25°	6.4	6.7	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.1
-77.5°	5.7	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.3



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	5.1	5.3	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.2	7.4
-80°	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5
-81.25°	3.8	4.0	4.2	4.4	4.6	4.7	4.9	5.1	5.3	5.4	5.6
-82.5°	3.2	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.7
-83.75°	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7	3.8
-85°	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-86.25°	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0
-87.5°	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3
-88.75°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	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: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7
86.25°	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.7
85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.7	3.8
83.75°	3.9	4.0	4.1	4.2	4.4	4.5	4.6	4.7	4.8	4.8	4.9
82.5°	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1
81.25°	5.7	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.1	7.2
80°	6.7	6.8	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.2	8.3
78.75°	7.6	7.8	8.0	8.2	8.4	8.6	8.7	8.9	9.1	9.3	9.4
77.5°	8.5	8.7	8.9	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.5
76.25°	9.4	9.6	9.9	10.1	10.4	10.6	10.7	10.9	11.1	11.2	11.4
75°	10.3	10.6	10.8	11.0	11.2	11.3	11.5	11.7	11.9	12.1	12.2
73.75°	11.0	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.8	12.9
72.5°	11.7	11.9	12.2	12.4	12.6	12.8	12.9	13.1	13.2	13.3	13.5
71.25°	12.4	12.6	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	14.0
70°	12.9	13.1	13.3	13.4	13.6	13.8	13.9	14.2	14.5	14.8	15.1
68.75°	13.3	13.5	13.7	13.9	14.2	14.6	14.9	15.3	15.6	15.9	16.2
67.5°	13.8	14.0	14.4	14.8	15.2	15.6	15.9	16.3	16.6	17.0	17.5
66.25°	14.4	14.9	15.3	15.7	16.1	16.5	17.0	17.5	17.9	18.4	18.8
65°	15.3	15.8	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.2
63.75°	16.2	16.7	17.2	17.8	18.4	18.9	19.5	20.0	20.6	21.2	21.8
62.5°	17.1	17.7	18.4	19.0	19.6	20.2	20.8	21.5	22.2	22.8	23.4
61.25°	18.2	18.8	19.5	20.1	20.9	21.6	22.3	23.0	23.7	24.4	25.1
60°	19.2	19.9	20.7	21.5	22.3	23.0	23.8	24.5	25.4	26.2	27.0
58.75°	20.3	21.2	22.0	22.9	23.7	24.5	25.4	26.3	27.2	28.0	28.9
57.5°	21.6	22.5	23.3	24.2	25.2	26.1	27.1	28.0	29.0	29.9	30.7
56.25°	22.8	23.7	24.7	25.7	26.8	27.8	28.8	29.8	30.7	31.7	32.6
55°	24.0	25.1	26.2	27.3	28.4	29.4	30.5	31.5	32.5	33.5	34.4
53.75°	25.4	26.5	27.7	28.8	30.0	31.1	32.1	33.2	34.2	35.0	35.7
52.5°	26.8	28.0	29.2	30.4	31.5	32.7	33.8	34.7	35.5	36.2	37.0
51.25°	28.2	29.4	30.7	31.9	33.1	34.3	35.1	35.9	36.7	37.5	38.2
50°	29.5	30.8	32.1	33.4	34.5	35.4	36.3	37.1	37.9	38.7	39.5
48.75°	30.9	32.2	33.6	34.7	35.6	36.5	37.4	38.3	39.1	40.0	40.8
47.5°	32.2	33.6	34.8	35.8	36.7	37.6	38.5	39.4	40.3	41.2	41.9
46.25°	33.6	34.8	35.8	36.8	37.8	38.7	39.7	40.6	41.5	42.2	42.9
45°	34.7	35.8	36.8	37.8	38.8	39.8	40.8	41.6	42.4	43.1	43.8
43.75°	35.6	36.7	37.8	38.8	39.8	40.9	41.7	42.5	43.3	44.1	44.6
42.5°	36.5	37.6	38.7	39.8	40.9	41.8	42.6	43.4	44.2	44.8	45.3
41.25°	37.4	38.5	39.7	40.8	41.7	42.6	43.5	44.2	44.9	45.5	46.1
40°	38.3	39.4	40.6	41.6	42.5	43.4	44.2	44.9	45.5	46.1	46.7
38.75°	39.1	40.3	41.5	42.4	43.3	44.2	44.9	45.5	46.2	46.8	47.4
37.5°	40.0	41.2	42.2	43.1	44.1	44.8	45.5	46.1	46.8	47.4	48.0
36.25°	40.8	41.9	42.9	43.8	44.6	45.3	46.1	46.7	47.4	48.0	48.5
35°	41.5	42.5	43.5	44.4	45.2	45.9	46.6	47.3	48.0	48.5	49.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	42.1	43.2	44.2	44.9	45.7	46.4	47.2	47.9	48.4	48.9	49.4
32.5°	42.7	43.8	44.7	45.5	46.2	47.0	47.7	48.3	48.8	49.3	49.7
31.25°	43.3	44.3	45.1	45.9	46.7	47.5	48.2	48.7	49.2	49.7	49.9
30°	43.9	44.8	45.6	46.4	47.2	47.9	48.6	49.1	49.6	49.9	50.1
28.75°	44.4	45.2	46.0	46.8	47.6	48.4	48.9	49.4	49.8	50.0	50.3
27.5°	44.8	45.6	46.5	47.3	48.1	48.7	49.2	49.7	50.0	50.2	50.7
26.25°	45.2	46.0	46.9	47.7	48.4	49.0	49.5	49.9	50.1	50.5	51.0
25°	45.5	46.4	47.2	48.1	48.7	49.3	49.7	50.0	50.3	50.8	51.4
23.75°	45.9	46.8	47.6	48.4	49.0	49.6	49.9	50.2	50.6	51.2	51.8
22.5°	46.2	47.1	48.0	48.6	49.2	49.7	50.0	50.3	50.9	51.5	52.3
21.25°	46.5	47.4	48.3	48.9	49.5	49.9	50.2	50.6	51.2	51.9	52.7
20°	46.8	47.7	48.5	49.1	49.7	50.0	50.3	50.9	51.5	52.3	53.2
18.75°	47.1	48.0	48.7	49.3	49.8	50.1	50.5	51.1	51.8	52.7	53.6
17.5°	47.4	48.3	48.9	49.5	49.9	50.2	50.8	51.4	52.2	53.1	54.3
16.25°	47.6	48.4	49.1	49.7	50.0	50.3	51.0	51.6	52.5	53.5	55.2
15°	47.8	48.6	49.3	49.8	50.1	50.5	51.2	51.9	52.9	53.8	56.1
13.75°	48.1	48.8	49.4	49.8	50.2	50.7	51.4	52.2	53.2	54.6	56.9
12.5°	48.2	48.9	49.6	49.9	50.3	50.9	51.5	52.5	53.5	55.3	57.6
11.25°	48.4	49.0	49.7	50.0	50.4	51.0	51.7	52.7	53.7	55.9	58.3
10°	48.5	49.2	49.7	50.1	50.5	51.2	51.9	52.9	54.1	56.5	59.1
8.75°	48.6	49.3	49.8	50.1	50.6	51.3	52.1	53.1	54.6	57.0	60.6
7.5°	48.7	49.3	49.8	50.2	50.7	51.4	52.3	53.3	55.1	57.5	61.8
6.25°	48.7	49.4	49.9	50.2	50.8	51.5	52.4	53.5	55.4	57.8	62.9
5°	48.8	49.5	49.9	50.2	50.9	51.6	52.5	53.6	55.7	58.1	63.8
3.75°	48.8	49.5	49.9	50.3	50.9	51.6	52.6	53.7	56.0	58.4	64.5
2.5°	48.9	49.6	49.9	50.3	51.0	51.7	52.7	53.7	56.1	58.6	65.0
1.25°	48.9	49.6	49.9	50.3	51.0	51.7	52.7	53.8	56.2	58.7	65.3
0°	48.9	49.6	50.0	50.3	51.0	51.7	52.8	53.8	56.3	58.7	65.4
-1.25°	48.9	49.6	49.9	50.3	51.0	51.7	52.7	53.8	56.2	58.7	65.3
-2.5°	48.9	49.6	49.9	50.3	51.0	51.7	52.7	53.7	56.1	58.6	65.0
-3.75°	48.8	49.5	49.9	50.3	50.9	51.6	52.6	53.7	56.0	58.4	64.5
-5°	48.8	49.5	49.9	50.2	50.9	51.6	52.5	53.6	55.7	58.1	63.8
-6.25°	48.7	49.4	49.9	50.2	50.8	51.5	52.4	53.5	55.4	57.8	62.9
-7.5°	48.7	49.3	49.8	50.2	50.7	51.4	52.3	53.3	55.1	57.5	61.8
-8.75°	48.6	49.3	49.8	50.1	50.6	51.3	52.1	53.1	54.6	57.0	60.6
-10°	48.5	49.2	49.7	50.1	50.5	51.2	51.9	52.9	54.1	56.5	59.1
-11.25°	48.4	49.0	49.7	50.0	50.4	51.0	51.7	52.7	53.7	55.9	58.3
-12.5°	48.2	48.9	49.6	49.9	50.3	50.9	51.5	52.5	53.5	55.3	57.6
-13.75°	48.1	48.8	49.4	49.8	50.2	50.7	51.4	52.2	53.2	54.6	56.9
-15°	47.8	48.6	49.3	49.8	50.1	50.5	51.2	51.9	52.9	53.8	56.1
-16.25°	47.6	48.4	49.1	49.7	50.0	50.3	51.0	51.6	52.5	53.5	55.2
-17.5°	47.4	48.3	48.9	49.5	49.9	50.2	50.8	51.4	52.2	53.1	54.3
-18.75°	47.1	48.0	48.7	49.3	49.8	50.1	50.5	51.1	51.8	52.7	53.6
-20°	46.8	47.7	48.5	49.1	49.7	50.0	50.3	50.9	51.5	52.3	53.2
-21.25°	46.5	47.4	48.3	48.9	49.5	49.9	50.2	50.6	51.2	51.9	52.7



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	46.2	47.1	48.0	48.6	49.2	49.7	50.0	50.3	50.9	51.5	52.3
-23.75°	45.9	46.8	47.6	48.4	49.0	49.6	49.9	50.2	50.6	51.2	51.8
-25°	45.5	46.4	47.2	48.1	48.7	49.3	49.7	50.0	50.3	50.8	51.4
-26.25°	45.2	46.0	46.9	47.7	48.4	49.0	49.5	49.9	50.1	50.5	51.0
-27.5°	44.8	45.6	46.5	47.3	48.1	48.7	49.2	49.7	50.0	50.2	50.7
-28.75°	44.4	45.2	46.0	46.8	47.6	48.4	48.9	49.4	49.8	50.0	50.3
-30°	43.9	44.8	45.6	46.4	47.2	47.9	48.6	49.1	49.6	49.9	50.1
-31.25°	43.3	44.3	45.1	45.9	46.7	47.5	48.2	48.7	49.2	49.7	49.9
-32.5°	42.7	43.8	44.7	45.5	46.2	47.0	47.7	48.3	48.8	49.3	49.7
-33.75°	42.1	43.2	44.2	44.9	45.7	46.4	47.2	47.9	48.4	48.9	49.4
-35°	41.5	42.5	43.5	44.4	45.2	45.9	46.6	47.3	48.0	48.5	49.0
-36.25°	40.8	41.9	42.9	43.8	44.6	45.3	46.1	46.7	47.4	48.0	48.5
-37.5°	40.0	41.2	42.2	43.1	44.1	44.8	45.5	46.1	46.8	47.4	48.0
-38.75°	39.1	40.3	41.5	42.4	43.3	44.2	44.9	45.5	46.2	46.8	47.4
-40°	38.3	39.4	40.6	41.6	42.5	43.4	44.2	44.9	45.5	46.1	46.7
-41.25°	37.4	38.5	39.7	40.8	41.7	42.6	43.5	44.2	44.9	45.5	46.1
-42.5°	36.5	37.6	38.7	39.8	40.9	41.8	42.6	43.4	44.2	44.8	45.3
-43.75°	35.6	36.7	37.8	38.8	39.8	40.9	41.7	42.5	43.3	44.1	44.6
-45°	34.7	35.8	36.8	37.8	38.8	39.8	40.8	41.6	42.4	43.1	43.8
-46.25°	33.6	34.8	35.8	36.8	37.8	38.7	39.7	40.6	41.5	42.2	42.9
-47.5°	32.2	33.6	34.8	35.8	36.7	37.6	38.5	39.4	40.3	41.2	41.9
-48.75°	30.9	32.2	33.6	34.7	35.6	36.5	37.4	38.3	39.1	40.0	40.8
-50°	29.5	30.8	32.1	33.4	34.5	35.4	36.3	37.1	37.9	38.7	39.5
-51.25°	28.2	29.4	30.7	31.9	33.1	34.3	35.1	35.9	36.7	37.5	38.2
-52.5°	26.8	28.0	29.2	30.4	31.5	32.7	33.8	34.7	35.5	36.2	37.0
-53.75°	25.4	26.5	27.7	28.8	30.0	31.1	32.1	33.2	34.2	35.0	35.7
-55°	24.0	25.1	26.2	27.3	28.4	29.4	30.5	31.5	32.5	33.5	34.4
-56.25°	22.8	23.7	24.7	25.7	26.8	27.8	28.8	29.8	30.7	31.7	32.6
-57.5°	21.6	22.5	23.3	24.2	25.2	26.1	27.1	28.0	29.0	29.9	30.7
-58.75°	20.3	21.2	22.0	22.9	23.7	24.5	25.4	26.3	27.2	28.0	28.9
-60°	19.2	19.9	20.7	21.5	22.3	23.0	23.8	24.5	25.4	26.2	27.0
-61.25°	18.2	18.8	19.5	20.1	20.9	21.6	22.3	23.0	23.7	24.4	25.1
-62.5°	17.1	17.7	18.4	19.0	19.6	20.2	20.8	21.5	22.2	22.8	23.4
-63.75°	16.2	16.7	17.2	17.8	18.4	18.9	19.5	20.0	20.6	21.2	21.8
-65°	15.3	15.8	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.2
-66.25°	14.4	14.9	15.3	15.7	16.1	16.5	17.0	17.5	17.9	18.4	18.8
-67.5°	13.8	14.0	14.4	14.8	15.2	15.6	15.9	16.3	16.6	17.0	17.5
-68.75°	13.3	13.5	13.7	13.9	14.2	14.6	14.9	15.3	15.6	15.9	16.2
-70°	12.9	13.1	13.3	13.4	13.6	13.8	13.9	14.2	14.5	14.8	15.1
-71.25°	12.4	12.6	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	14.0
-72.5°	11.7	11.9	12.2	12.4	12.6	12.8	12.9	13.1	13.2	13.3	13.5
-73.75°	11.0	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.8	12.9
-75°	10.3	10.6	10.8	11.0	11.2	11.3	11.5	11.7	11.9	12.1	12.2
-76.25°	9.4	9.6	9.9	10.1	10.4	10.6	10.7	10.9	11.1	11.2	11.4
-77.5°	8.5	8.7	8.9	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.5



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	7.6	7.8	8.0	8.2	8.4	8.6	8.7	8.9	9.1	9.3	9.4
-80°	6.7	6.8	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.2	8.3
-81.25°	5.7	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.1	7.2
-82.5°	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1
-83.75°	3.9	4.0	4.1	4.2	4.4	4.5	4.6	4.7	4.8	4.8	4.9
-85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.7	3.8
-86.25°	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.7
-87.5°	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7
-88.75°	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
87.5°	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
86.25°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2
85°	3.9	4.0	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5
83.75°	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.8
82.5°	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.1
81.25°	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.3
80°	8.5	8.6	8.7	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6
78.75°	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.7	10.8
77.5°	10.7	10.8	10.9	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8
76.25°	11.5	11.7	11.8	11.9	12.1	12.2	12.3	12.4	12.5	12.6	12.7
75°	12.4	12.5	12.7	12.8	12.9	12.9	13.0	13.1	13.2	13.3	13.3
73.75°	13.0	13.1	13.2	13.4	13.5	13.6	13.6	13.7	13.8	13.9	14.0
72.5°	13.6	13.7	13.8	13.9	14.1	14.3	14.5	14.7	14.9	15.1	15.3
71.25°	14.3	14.6	14.8	15.1	15.3	15.5	15.8	16.0	16.2	16.4	16.5
70°	15.4	15.7	16.0	16.2	16.5	16.7	17.0	17.3	17.6	17.8	18.1
68.75°	16.5	16.9	17.2	17.6	17.9	18.2	18.6	18.9	19.1	19.4	19.7
67.5°	17.9	18.3	18.7	19.0	19.4	19.7	20.1	20.4	20.8	21.1	21.5
66.25°	19.3	19.7	20.1	20.5	21.0	21.4	21.9	22.3	22.7	23.0	23.4
65°	20.7	21.3	21.8	22.3	22.8	23.2	23.7	24.1	24.5	25.0	25.4
63.75°	22.4	22.9	23.5	24.0	24.5	25.1	25.7	26.2	26.7	27.2	27.7
62.5°	24.0	24.7	25.3	26.0	26.6	27.2	27.8	28.4	28.9	29.4	29.9
61.25°	25.9	26.6	27.3	28.0	28.6	29.3	29.9	30.5	31.1	31.6	32.1
60°	27.8	28.5	29.3	30.0	30.7	31.4	32.0	32.6	33.2	33.8	34.3
58.75°	29.7	30.5	31.3	32.0	32.7	33.4	34.1	34.6	35.1	35.5	35.9
57.5°	31.6	32.4	33.2	34.0	34.6	35.1	35.6	36.1	36.6	37.0	37.5
56.25°	33.5	34.3	34.9	35.5	36.1	36.6	37.1	37.6	38.1	38.6	39.0
55°	35.0	35.7	36.3	36.9	37.5	38.1	38.6	39.1	39.6	40.1	40.6
53.75°	36.4	37.0	37.7	38.3	38.9	39.5	40.1	40.6	41.2	41.6	42.0
52.5°	37.7	38.4	39.0	39.7	40.3	41.0	41.5	42.0	42.4	42.8	43.2
51.25°	39.0	39.7	40.4	41.1	41.7	42.2	42.7	43.1	43.6	44.0	44.4
50°	40.3	41.0	41.7	42.2	42.8	43.3	43.8	44.3	44.6	45.0	45.3
48.75°	41.5	42.1	42.7	43.3	43.9	44.4	44.8	45.2	45.5	45.9	46.2
47.5°	42.5	43.2	43.8	44.3	44.8	45.2	45.6	46.0	46.4	46.8	47.1
46.25°	43.5	44.2	44.7	45.1	45.6	46.0	46.5	46.9	47.2	47.6	48.0
45°	44.4	44.9	45.5	45.9	46.4	46.8	47.3	47.7	48.1	48.4	48.6
43.75°	45.2	45.7	46.2	46.7	47.2	47.6	48.1	48.4	48.7	49.0	49.2
42.5°	45.9	46.4	47.0	47.5	47.9	48.4	48.7	49.0	49.3	49.6	49.7
41.25°	46.6	47.2	47.7	48.2	48.6	48.9	49.2	49.5	49.7	49.9	50.0
40°	47.3	47.9	48.3	48.7	49.1	49.4	49.7	49.9	50.0	50.2	50.3
38.75°	48.0	48.4	48.8	49.2	49.6	49.8	50.0	50.1	50.3	50.6	50.9
37.5°	48.5	48.9	49.3	49.7	49.9	50.0	50.2	50.5	50.8	51.2	51.5
36.25°	49.0	49.4	49.7	49.9	50.1	50.3	50.7	51.0	51.4	51.8	52.3
35°	49.4	49.7	49.9	50.1	50.4	50.8	51.2	51.6	52.1	52.6	53.1



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	49.7	49.9	50.2	50.5	50.9	51.3	51.7	52.3	52.9	53.4	54.2
32.5°	49.9	50.2	50.5	50.9	51.4	51.9	52.5	53.1	53.7	54.8	56.1
31.25°	50.1	50.5	50.9	51.4	51.9	52.6	53.2	53.9	55.3	56.7	58.1
30°	50.4	50.9	51.4	51.9	52.6	53.3	54.2	55.7	57.2	58.6	62.1
28.75°	50.8	51.3	51.9	52.6	53.3	54.3	55.9	57.4	59.3	63.3	67.2
27.5°	51.2	51.7	52.5	53.2	54.2	55.9	57.5	59.8	64.0	68.2	72.4
26.25°	51.6	52.3	53.1	53.9	55.7	57.4	59.8	64.3	68.7	73.9	82.2
25°	52.1	52.9	53.7	55.3	57.2	59.3	64.0	68.7	74.4	83.2	91.8
23.75°	52.6	53.4	54.8	56.7	58.6	63.3	68.2	73.9	83.2	92.3	101.6
22.5°	53.1	54.2	56.1	58.1	62.1	67.2	72.4	82.2	91.8	101.6	112.5
21.25°	53.6	55.4	57.4	60.4	65.7	70.9	80.1	90.2	100.3	111.8	123.0
20°	54.4	56.5	58.5	63.8	69.2	77.0	87.6	97.9	109.8	121.6	134.4
18.75°	55.5	57.6	61.4	67.0	73.0	83.9	94.7	106.6	119.0	131.5	148.5
17.5°	56.5	58.6	64.3	70.0	79.3	90.5	102.1	115.0	127.7	144.1	177.4
16.25°	57.4	61.2	67.0	73.7	85.3	96.7	109.7	123.0	138.3	166.4	223.0
15°	58.3	63.7	69.6	79.1	90.9	103.3	117.0	130.7	151.2	196.8	279.8
13.75°	59.9	66.0	72.1	84.1	96.1	109.8	123.7	140.5	173.8	242.7	349.0
12.5°	61.9	68.1	76.5	88.8	101.4	115.8	130.0	152.0	203.2	296.5	423.4
11.25°	63.8	70.1	80.6	93.1	106.7	121.3	138.0	170.6	240.9	353.5	496.1
10°	65.5	71.8	84.3	96.9	111.5	126.3	145.3	188.7	281.7	413.4	572.0
8.75°	67.0	74.8	87.6	100.7	115.8	131.1	156.9	218.1	326.1	470.2	640.7
7.5°	68.3	77.6	90.5	104.3	119.5	136.5	169.6	243.8	365.1	523.3	707.4
6.25°	69.4	79.9	93.0	107.3	122.7	141.2	180.3	268.1	405.0	572.6	765.6
5°	70.3	81.8	95.0	109.8	125.4	145.0	192.3	294.3	438.7	613.4	813.9
3.75°	71.1	83.4	96.6	111.8	127.4	148.5	205.8	314.9	465.1	645.5	853.6
2.5°	71.6	84.4	97.7	113.2	128.9	153.3	215.6	329.7	484.0	670.8	882.4
1.25°	71.9	85.1	98.4	114.1	129.8	156.2	221.4	338.6	495.5	686.4	899.7
0°	72.0	85.3	98.6	114.4	130.1	157.1	223.4	341.6	499.3	691.6	905.5
-1.25°	71.9	85.1	98.4	114.1	129.8	156.2	221.4	338.6	495.5	686.4	899.7
-2.5°	71.6	84.4	97.7	113.2	128.9	153.3	215.6	329.7	484.0	670.8	882.4
-3.75°	71.1	83.4	96.6	111.8	127.4	148.5	205.8	314.9	465.1	645.5	853.6
-5°	70.3	81.8	95.0	109.8	125.4	145.0	192.3	294.3	438.7	613.4	813.9
-6.25°	69.4	79.9	93.0	107.3	122.7	141.2	180.3	268.1	405.0	572.6	765.6
-7.5°	68.3	77.6	90.5	104.3	119.5	136.5	169.6	243.8	365.1	523.3	707.4
-8.75°	67.0	74.8	87.6	100.7	115.8	131.1	156.9	218.1	326.1	470.2	640.7
-10°	65.5	71.8	84.3	96.9	111.5	126.3	145.3	188.7	281.7	413.4	572.0
-11.25°	63.8	70.1	80.6	93.1	106.7	121.3	138.0	170.6	240.9	353.5	496.1
-12.5°	61.9	68.1	76.5	88.8	101.4	115.8	130.0	152.0	203.2	296.5	423.4
-13.75°	59.9	66.0	72.1	84.1	96.1	109.8	123.7	140.5	173.8	242.7	349.0
-15°	58.3	63.7	69.6	79.1	90.9	103.3	117.0	130.7	151.2	196.8	279.8
-16.25°	57.4	61.2	67.0	73.7	85.3	96.7	109.7	123.0	138.3	166.4	223.0
-17.5°	56.5	58.6	64.3	70.0	79.3	90.5	102.1	115.0	127.7	144.1	177.4
-18.75°	55.5	57.6	61.4	67.0	73.0	83.9	94.7	106.6	119.0	131.5	148.5
-20°	54.4	56.5	58.5	63.8	69.2	77.0	87.6	97.9	109.8	121.6	134.4
-21.25°	53.6	55.4	57.4	60.4	65.7	70.9	80.1	90.2	100.3	111.8	123.0





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

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	53.1	54.2	56.1	58.1	62.1	67.2	72.4	82.2	91.8	101.6	112.5
-23.75°	52.6	53.4	54.8	56.7	58.6	63.3	68.2	73.9	83.2	92.3	101.6
-25°	52.1	52.9	53.7	55.3	57.2	59.3	64.0	68.7	74.4	83.2	91.8
-26.25°	51.6	52.3	53.1	53.9	55.7	57.4	59.8	64.3	68.7	73.9	82.2
-27.5°	51.2	51.7	52.5	53.2	54.2	55.9	57.5	59.8	64.0	68.2	72.4
-28.75°	50.8	51.3	51.9	52.6	53.3	54.3	55.9	57.4	59.3	63.3	67.2
-30°	50.4	50.9	51.4	51.9	52.6	53.3	54.2	55.7	57.2	58.6	62.1
-31.25°	50.1	50.5	50.9	51.4	51.9	52.6	53.2	53.9	55.3	56.7	58.1
-32.5°	49.9	50.2	50.5	50.9	51.4	51.9	52.5	53.1	53.7	54.8	56.1
-33.75°	49.7	49.9	50.2	50.5	50.9	51.3	51.7	52.3	52.9	53.4	54.2
-35°	49.4	49.7	49.9	50.1	50.4	50.8	51.2	51.6	52.1	52.6	53.1
-36.25°	49.0	49.4	49.7	49.9	50.1	50.3	50.7	51.0	51.4	51.8	52.3
-37.5°	48.5	48.9	49.3	49.7	49.9	50.0	50.2	50.5	50.8	51.2	51.5
-38.75°	48.0	48.4	48.8	49.2	49.6	49.8	50.0	50.1	50.3	50.6	50.9
-40°	47.3	47.9	48.3	48.7	49.1	49.4	49.7	49.9	50.0	50.2	50.3
-41.25°	46.6	47.2	47.7	48.2	48.6	48.9	49.2	49.5	49.7	49.9	50.0
-42.5°	45.9	46.4	47.0	47.5	47.9	48.4	48.7	49.0	49.3	49.6	49.7
-43.75°	45.2	45.7	46.2	46.7	47.2	47.6	48.1	48.4	48.7	49.0	49.2
-45°	44.4	44.9	45.5	45.9	46.4	46.8	47.3	47.7	48.1	48.4	48.6
-46.25°	43.5	44.2	44.7	45.1	45.6	46.0	46.5	46.9	47.2	47.6	48.0
-47.5°	42.5	43.2	43.8	44.3	44.8	45.2	45.6	46.0	46.4	46.8	47.1
-48.75°	41.5	42.1	42.7	43.3	43.9	44.4	44.8	45.2	45.5	45.9	46.2
-50°	40.3	41.0	41.7	42.2	42.8	43.3	43.8	44.3	44.6	45.0	45.3
-51.25°	39.0	39.7	40.4	41.1	41.7	42.2	42.7	43.1	43.6	44.0	44.4
-52.5°	37.7	38.4	39.0	39.7	40.3	41.0	41.5	42.0	42.4	42.8	43.2
-53.75°	36.4	37.0	37.7	38.3	38.9	39.5	40.1	40.6	41.2	41.6	42.0
-55°	35.0	35.7	36.3	36.9	37.5	38.1	38.6	39.1	39.6	40.1	40.6
-56.25°	33.5	34.3	34.9	35.5	36.1	36.6	37.1	37.6	38.1	38.6	39.0
-57.5°	31.6	32.4	33.2	34.0	34.6	35.1	35.6	36.1	36.6	37.0	37.5
-58.75°	29.7	30.5	31.3	32.0	32.7	33.4	34.1	34.6	35.1	35.5	35.9
-60°	27.8	28.5	29.3	30.0	30.7	31.4	32.0	32.6	33.2	33.8	34.3
-61.25°	25.9	26.6	27.3	28.0	28.6	29.3	29.9	30.5	31.1	31.6	32.1
-62.5°	24.0	24.7	25.3	26.0	26.6	27.2	27.8	28.4	28.9	29.4	29.9
-63.75°	22.4	22.9	23.5	24.0	24.5	25.1	25.7	26.2	26.7	27.2	27.7
-65°	20.7	21.3	21.8	22.3	22.8	23.2	23.7	24.1	24.5	25.0	25.4
-66.25°	19.3	19.7	20.1	20.5	21.0	21.4	21.9	22.3	22.7	23.0	23.4
-67.5°	17.9	18.3	18.7	19.0	19.4	19.7	20.1	20.4	20.8	21.1	21.5
-68.75°	16.5	16.9	17.2	17.6	17.9	18.2	18.6	18.9	19.1	19.4	19.7
-70°	15.4	15.7	16.0	16.2	16.5	16.7	17.0	17.3	17.6	17.8	18.1
-71.25°	14.3	14.6	14.8	15.1	15.3	15.5	15.8	16.0	16.2	16.4	16.5
-72.5°	13.6	13.7	13.8	13.9	14.1	14.3	14.5	14.7	14.9	15.1	15.3
-73.75°	13.0	13.1	13.2	13.4	13.5	13.6	13.6	13.7	13.8	13.9	14.0
-75°	12.4	12.5	12.7	12.8	12.9	12.9	13.0	13.1	13.2	13.3	13.3
-76.25°	11.5	11.7	11.8	11.9	12.1	12.2	12.3	12.4	12.5	12.6	12.7
-77.5°	10.7	10.8	10.9	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.7	10.8
-80°	8.5	8.6	8.7	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6
-81.25°	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.3
-82.5°	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.1
-83.75°	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.8
-85°	3.9	4.0	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5
-86.25°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2
-87.5°	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
86.25°	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.5
85°	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8
83.75°	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2
82.5°	7.1	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6
81.25°	8.4	8.5	8.6	8.6	8.7	8.8	8.8	8.9	8.9	8.9	9.0
80°	9.7	9.8	9.9	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4
78.75°	10.9	11.0	11.0	11.1	11.2	11.2	11.3	11.3	11.4	11.4	11.4
77.5°	11.9	12.0	12.0	12.1	12.2	12.2	12.3	12.3	12.4	12.4	12.5
76.25°	12.8	12.8	12.9	12.9	13.0	13.0	13.1	13.1	13.1	13.2	13.2
75°	13.4	13.5	13.5	13.6	13.7	13.7	13.8	13.8	13.8	13.9	13.9
73.75°	14.1	14.3	14.4	14.5	14.7	14.8	14.9	15.0	15.0	15.1	15.2
72.5°	15.4	15.6	15.7	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6
71.25°	16.7	16.9	17.1	17.3	17.5	17.6	17.8	17.9	18.0	18.1	18.2
70°	18.3	18.5	18.8	19.0	19.1	19.3	19.5	19.6	19.7	19.9	20.0
68.75°	19.9	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	21.8	22.0
67.5°	21.8	22.1	22.4	22.7	22.9	23.1	23.4	23.6	23.7	23.9	24.0
66.25°	23.7	24.1	24.4	24.7	25.0	25.3	25.5	25.8	26.0	26.2	26.4
65°	25.9	26.3	26.6	27.0	27.3	27.6	27.9	28.2	28.4	28.6	28.8
63.75°	28.1	28.5	28.9	29.3	29.6	30.0	30.3	30.5	30.8	31.0	31.2
62.5°	30.4	30.8	31.2	31.6	32.0	32.3	32.6	32.9	33.2	33.4	33.6
61.25°	32.6	33.1	33.5	33.9	34.3	34.6	34.8	35.0	35.2	35.4	35.5
60°	34.7	35.0	35.4	35.7	36.0	36.2	36.5	36.7	36.9	37.1	37.3
58.75°	36.3	36.6	37.0	37.3	37.6	37.9	38.2	38.4	38.6	38.8	39.0
57.5°	37.9	38.3	38.6	39.0	39.3	39.6	39.8	40.1	40.3	40.5	40.7
56.25°	39.5	39.9	40.2	40.6	40.9	41.2	41.5	41.7	41.9	42.1	42.2
55°	41.0	41.4	41.7	42.0	42.3	42.6	42.8	43.0	43.2	43.4	43.6
53.75°	42.4	42.7	43.0	43.3	43.6	43.9	44.1	44.3	44.5	44.6	44.7
52.5°	43.6	44.0	44.3	44.5	44.7	45.0	45.2	45.3	45.5	45.6	45.8
51.25°	44.7	45.0	45.2	45.5	45.7	45.9	46.2	46.3	46.5	46.6	46.8
50°	45.6	45.9	46.2	46.4	46.7	46.9	47.1	47.3	47.5	47.6	47.8
48.75°	46.5	46.8	47.1	47.4	47.6	47.8	48.1	48.2	48.4	48.5	48.6
47.5°	47.4	47.7	48.0	48.3	48.4	48.6	48.8	48.9	49.0	49.2	49.3
46.25°	48.3	48.5	48.7	48.9	49.1	49.3	49.4	49.6	49.7	49.7	49.8
45°	48.9	49.1	49.3	49.5	49.7	49.8	49.8	49.9	50.0	50.1	50.1
43.75°	49.5	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6
42.5°	49.9	50.0	50.1	50.2	50.3	50.5	50.7	50.9	51.0	51.2	51.3
41.25°	50.2	50.3	50.5	50.8	51.0	51.2	51.4	51.5	51.7	51.9	52.1
40°	50.6	50.9	51.1	51.4	51.6	51.9	52.2	52.5	52.7	52.9	53.1
38.75°	51.2	51.5	51.8	52.2	52.5	52.9	53.2	53.5	53.7	54.1	54.6
37.5°	51.9	52.3	52.7	53.1	53.5	53.8	54.6	55.3	55.9	56.5	57.0
36.25°	52.7	53.2	53.6	54.3	55.2	56.1	56.9	57.6	58.3	59.1	60.6
35°	53.6	54.4	55.5	56.5	57.4	58.3	59.9	61.9	63.8	65.5	67.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	55.4	56.5	57.6	58.6	61.2	63.7	66.0	68.1	70.1	71.8	74.8
32.5°	57.4	58.5	61.4	64.3	67.0	69.6	72.1	76.5	80.6	84.3	87.6
31.25°	60.4	63.8	67.0	70.0	73.7	79.1	84.1	88.8	93.1	96.9	100.7
30°	65.7	69.2	73.0	79.3	85.3	90.9	96.1	101.4	106.7	111.5	115.8
28.75°	70.9	77.0	83.9	90.5	96.7	103.3	109.8	115.8	121.3	126.3	131.1
27.5°	80.1	87.6	94.7	102.1	109.7	117.0	123.7	130.0	138.0	145.3	156.9
26.25°	90.2	97.9	106.6	115.0	123.0	130.7	140.5	152.0	170.6	188.7	218.1
25°	100.3	109.8	119.0	127.7	138.3	151.2	173.8	203.2	240.9	281.7	326.1
23.75°	111.8	121.6	131.5	144.1	166.4	196.8	242.7	296.5	353.5	413.4	470.2
22.5°	123.0	134.4	148.5	177.4	223.0	279.8	349.0	423.4	496.1	572.0	640.7
21.25°	135.3	152.9	184.1	240.7	312.4	393.5	481.4	573.5	662.7	752.6	834.4
20°	152.9	186.7	249.7	332.2	426.4	527.2	633.1	742.1	846.7	946.2	1035.2
18.75°	184.1	249.7	338.8	442.9	556.6	676.1	799.9	921.5	1034.6	1137.2	1225.8
17.5°	240.7	332.2	442.9	566.5	698.8	835.9	972.1	1098.3	1212.3	1313.4	1409.3
16.25°	312.4	426.4	556.6	698.8	848.3	997.6	1137.0	1262.0	1380.1	1492.7	1598.8
15°	393.5	527.2	676.1	835.9	997.6	1150.0	1287.2	1421.3	1551.4	1674.8	1790.1
13.75°	481.4	633.1	799.9	972.1	1137.0	1287.2	1435.1	1581.2	1722.2	1855.5	1974.6
12.5°	573.5	742.1	921.5	1098.3	1262.0	1421.3	1581.2	1738.2	1887.8	2024.9	2145.9
11.25°	662.7	846.7	1034.6	1212.3	1380.1	1551.4	1722.2	1887.8	2041.2	2180.1	2301.5
10°	752.6	946.2	1137.2	1313.4	1492.7	1674.8	1855.5	2024.9	2180.1	2318.6	2440.6
8.75°	834.4	1035.2	1225.8	1409.3	1598.8	1790.1	1974.6	2145.9	2301.5	2440.6	2565.6
7.5°	909.6	1113.0	1302.7	1495.5	1694.2	1892.1	2078.9	2251.1	2407.0	2548.4	2675.0
6.25°	974.4	1179.1	1371.5	1572.7	1778.5	1979.8	2168.7	2341.5	2497.8	2641.2	2769.6
5°	1027.3	1231.2	1429.9	1637.3	1849.1	2051.8	2240.7	2413.5	2572.7	2717.1	2850.3
3.75°	1068.7	1272.2	1476.1	1688.8	1903.5	2107.8	2297.6	2471.4	2631.8	2777.5	2913.2
2.5°	1098.6	1301.9	1510.0	1726.6	1943.0	2148.5	2338.9	2512.2	2673.0	2821.8	2960.1
1.25°	1116.6	1319.8	1530.8	1749.5	1967.0	2173.3	2362.5	2536.9	2698.4	2849.2	2987.1
0°	1122.6	1325.8	1537.8	1757.2	1975.0	2181.6	2370.5	2545.3	2706.9	2858.5	2995.8
-1.25°	1116.6	1319.8	1530.8	1749.5	1967.0	2173.3	2362.5	2536.9	2698.4	2849.2	2987.1
-2.5°	1098.6	1301.9	1510.0	1726.6	1943.0	2148.5	2338.9	2512.2	2673.0	2821.8	2960.1
-3.75°	1068.7	1272.2	1476.1	1688.8	1903.5	2107.8	2297.6	2471.4	2631.8	2777.5	2913.2
-5°	1027.3	1231.2	1429.9	1637.3	1849.1	2051.8	2240.7	2413.5	2572.7	2717.1	2850.3
-6.25°	974.4	1179.1	1371.5	1572.7	1778.5	1979.8	2168.7	2341.5	2497.8	2641.2	2769.6
-7.5°	909.6	1113.0	1302.7	1495.5	1694.2	1892.1	2078.9	2251.1	2407.0	2548.4	2675.0
-8.75°	834.4	1035.2	1225.8	1409.3	1598.8	1790.1	1974.6	2145.9	2301.5	2440.6	2565.6
-10°	752.6	946.2	1137.2	1313.4	1492.7	1674.8	1855.5	2024.9	2180.1	2318.6	2440.6
-11.25°	662.7	846.7	1034.6	1212.3	1380.1	1551.4	1722.2	1887.8	2041.2	2180.1	2301.5
-12.5°	573.5	742.1	921.5	1098.3	1262.0	1421.3	1581.2	1738.2	1887.8	2024.9	2145.9
-13.75°	481.4	633.1	799.9	972.1	1137.0	1287.2	1435.1	1581.2	1722.2	1855.5	1974.6
-15°	393.5	527.2	676.1	835.9	997.6	1150.0	1287.2	1421.3	1551.4	1674.8	1790.1
-16.25°	312.4	426.4	556.6	698.8	848.3	997.6	1137.0	1262.0	1380.1	1492.7	1598.8
-17.5°	240.7	332.2	442.9	566.5	698.8	835.9	972.1	1098.3	1212.3	1313.4	1409.3
-18.75°	184.1	249.7	338.8	442.9	556.6	676.1	799.9	921.5	1034.6	1137.2	1225.8
-20°	152.9	186.7	249.7	332.2	426.4	527.2	633.1	742.1	846.7	946.2	1035.2
-21.25°	135.3	152.9	184.1	240.7	312.4	393.5	481.4	573.5	662.7	752.6	834.4



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	123.0	134.4	148.5	177.4	223.0	279.8	349.0	423.4	496.1	572.0	640.7
-23.75°	111.8	121.6	131.5	144.1	166.4	196.8	242.7	296.5	353.5	413.4	470.2
-25°	100.3	109.8	119.0	127.7	138.3	151.2	173.8	203.2	240.9	281.7	326.1
-26.25°	90.2	97.9	106.6	115.0	123.0	130.7	140.5	152.0	170.6	188.7	218.1
-27.5°	80.1	87.6	94.7	102.1	109.7	117.0	123.7	130.0	138.0	145.3	156.9
-28.75°	70.9	77.0	83.9	90.5	96.7	103.3	109.8	115.8	121.3	126.3	131.1
-30°	65.7	69.2	73.0	79.3	85.3	90.9	96.1	101.4	106.7	111.5	115.8
-31.25°	60.4	63.8	67.0	70.0	73.7	79.1	84.1	88.8	93.1	96.9	100.7
-32.5°	57.4	58.5	61.4	64.3	67.0	69.6	72.1	76.5	80.6	84.3	87.6
-33.75°	55.4	56.5	57.6	58.6	61.2	63.7	66.0	68.1	70.1	71.8	74.8
-35°	53.6	54.4	55.5	56.5	57.4	58.3	59.9	61.9	63.8	65.5	67.0
-36.25°	52.7	53.2	53.6	54.3	55.2	56.1	56.9	57.6	58.3	59.1	60.6
-37.5°	51.9	52.3	52.7	53.1	53.5	53.8	54.6	55.3	55.9	56.5	57.0
-38.75°	51.2	51.5	51.8	52.2	52.5	52.9	53.2	53.5	53.7	54.1	54.6
-40°	50.6	50.9	51.1	51.4	51.6	51.9	52.2	52.5	52.7	52.9	53.1
-41.25°	50.2	50.3	50.5	50.8	51.0	51.2	51.4	51.5	51.7	51.9	52.1
-42.5°	49.9	50.0	50.1	50.2	50.3	50.5	50.7	50.9	51.0	51.2	51.3
-43.75°	49.5	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6
-45°	48.9	49.1	49.3	49.5	49.7	49.8	49.8	49.9	50.0	50.1	50.1
-46.25°	48.3	48.5	48.7	48.9	49.1	49.3	49.4	49.6	49.7	49.7	49.8
-47.5°	47.4	47.7	48.0	48.3	48.4	48.6	48.8	48.9	49.0	49.2	49.3
-48.75°	46.5	46.8	47.1	47.4	47.6	47.8	48.1	48.2	48.4	48.5	48.6
-50°	45.6	45.9	46.2	46.4	46.7	46.9	47.1	47.3	47.5	47.6	47.8
-51.25°	44.7	45.0	45.2	45.5	45.7	45.9	46.2	46.3	46.5	46.6	46.8
-52.5°	43.6	44.0	44.3	44.5	44.7	45.0	45.2	45.3	45.5	45.6	45.8
-53.75°	42.4	42.7	43.0	43.3	43.6	43.9	44.1	44.3	44.5	44.6	44.7
-55°	41.0	41.4	41.7	42.0	42.3	42.6	42.8	43.0	43.2	43.4	43.6
-56.25°	39.5	39.9	40.2	40.6	40.9	41.2	41.5	41.7	41.9	42.1	42.2
-57.5°	37.9	38.3	38.6	39.0	39.3	39.6	39.8	40.1	40.3	40.5	40.7
-58.75°	36.3	36.6	37.0	37.3	37.6	37.9	38.2	38.4	38.6	38.8	39.0
-60°	34.7	35.0	35.4	35.7	36.0	36.2	36.5	36.7	36.9	37.1	37.3
-61.25°	32.6	33.1	33.5	33.9	34.3	34.6	34.8	35.0	35.2	35.4	35.5
-62.5°	30.4	30.8	31.2	31.6	32.0	32.3	32.6	32.9	33.2	33.4	33.6
-63.75°	28.1	28.5	28.9	29.3	29.6	30.0	30.3	30.5	30.8	31.0	31.2
-65°	25.9	26.3	26.6	27.0	27.3	27.6	27.9	28.2	28.4	28.6	28.8
-66.25°	23.7	24.1	24.4	24.7	25.0	25.3	25.5	25.8	26.0	26.2	26.4
-67.5°	21.8	22.1	22.4	22.7	22.9	23.1	23.4	23.6	23.7	23.9	24.0
-68.75°	19.9	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	21.8	22.0
-70°	18.3	18.5	18.8	19.0	19.1	19.3	19.5	19.6	19.7	19.9	20.0
-71.25°	16.7	16.9	17.1	17.3	17.5	17.6	17.8	17.9	18.0	18.1	18.2
-72.5°	15.4	15.6	15.7	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6
-73.75°	14.1	14.3	14.4	14.5	14.7	14.8	14.9	15.0	15.0	15.1	15.2
-75°	13.4	13.5	13.5	13.6	13.7	13.7	13.8	13.8	13.8	13.9	13.9
-76.25°	12.8	12.8	12.9	12.9	13.0	13.0	13.1	13.1	13.1	13.2	13.2
-77.5°	11.9	12.0	12.0	12.1	12.2	12.2	12.3	12.3	12.4	12.4	12.5



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	10.9	11.0	11.0	11.1	11.2	11.2	11.3	11.3	11.4	11.4	11.4
-80°	9.7	9.8	9.9	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4
-81.25°	8.4	8.5	8.6	8.6	8.7	8.8	8.8	8.9	8.9	8.9	9.0
-82.5°	7.1	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6
-83.75°	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2
-85°	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8
-86.25°	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.5
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
86.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
83.75°	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
82.5°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
81.25°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
80°	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
78.75°	11.5	11.5	11.5	11.5	11.5	11.5	11.6	11.5	11.5	11.5	11.5
77.5°	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
76.25°	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
75°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
73.75°	15.2	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.3
72.5°	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7
71.25°	18.3	18.4	18.4	18.5	18.5	18.5	18.6	18.5	18.5	18.5	18.4
70°	20.1	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.2	20.2
68.75°	22.1	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
67.5°	24.2	24.3	24.3	24.4	24.5	24.5	24.5	24.5	24.5	24.4	24.3
66.25°	26.5	26.7	26.8	26.8	26.9	26.9	27.0	26.9	26.9	26.8	26.8
65°	29.0	29.1	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.3	29.2
63.75°	31.4	31.5	31.6	31.7	31.8	31.8	31.9	31.8	31.8	31.7	31.6
62.5°	33.8	34.0	34.1	34.2	34.2	34.3	34.3	34.3	34.2	34.2	34.1
61.25°	35.7	35.8	35.9	36.0	36.0	36.0	36.1	36.0	36.0	36.0	35.9
60°	37.4	37.5	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.7	37.6
58.75°	39.1	39.3	39.4	39.4	39.5	39.5	39.6	39.5	39.5	39.4	39.4
57.5°	40.9	41.0	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.2	41.1
56.25°	42.3	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.6	42.5
55°	43.7	43.8	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.0	43.9
53.75°	44.8	44.9	45.0	45.1	45.1	45.1	45.2	45.1	45.1	45.1	45.0
52.5°	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.1
51.25°	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.1	47.1
50°	47.9	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.1	48.1
48.75°	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.8	48.8
47.5°	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.5	49.5
46.25°	49.8	49.9	49.9	49.9	49.9	49.9	50.0	49.9	49.9	49.9	49.9
45°	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.2
43.75°	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	50.9	50.9
42.5°	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.6	51.6
41.25°	52.3	52.4	52.5	52.6	52.7	52.7	52.8	52.7	52.7	52.6	52.5
40°	53.3	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.7	53.7	53.6
38.75°	55.1	55.4	55.7	56.0	56.1	56.2	56.3	56.2	56.1	56.0	55.7
37.5°	57.5	57.8	58.1	58.4	58.6	58.7	58.7	58.7	58.6	58.4	58.1
36.25°	61.8	62.9	63.8	64.5	65.0	65.3	65.4	65.3	65.0	64.5	63.8
35°	68.3	69.4	70.3	71.1	71.6	71.9	72.0	71.9	71.6	71.1	70.3



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	77.6	79.9	81.8	83.4	84.4	85.1	85.3	85.1	84.4	83.4	81.8
32.5°	90.5	93.0	95.0	96.6	97.7	98.4	98.6	98.4	97.7	96.6	95.0
31.25°	104.3	107.3	109.8	111.8	113.2	114.1	114.4	114.1	113.2	111.8	109.8
30°	119.5	122.7	125.4	127.4	128.9	129.8	130.1	129.8	128.9	127.4	125.4
28.75°	136.5	141.2	145.0	148.5	153.3	156.2	157.1	156.2	153.3	148.5	145.0
27.5°	169.6	180.3	192.3	205.8	215.6	221.4	223.4	221.4	215.6	205.8	192.3
26.25°	243.8	268.1	294.3	314.9	329.7	338.6	341.6	338.6	329.7	314.9	294.3
25°	365.1	405.0	438.7	465.1	484.0	495.5	499.3	495.5	484.0	465.1	438.7
23.75°	523.3	572.6	613.4	645.5	670.8	686.4	691.6	686.4	670.8	645.5	613.4
22.5°	707.4	765.6	813.9	853.6	882.4	899.7	905.5	899.7	882.4	853.6	813.9
21.25°	909.6	974.4	1027.3	1068.7	1098.6	1116.6	1122.6	1116.6	1098.6	1068.7	1027.3
20°	1113.0	1179.1	1231.2	1272.2	1301.9	1319.8	1325.8	1319.8	1301.9	1272.2	1231.2
18.75°	1302.7	1371.5	1429.9	1476.1	1510.0	1530.8	1537.8	1530.8	1510.0	1476.1	1429.9
17.5°	1495.5	1572.7	1637.3	1688.8	1726.6	1749.5	1757.2	1749.5	1726.6	1688.8	1637.3
16.25°	1694.2	1778.5	1849.1	1903.5	1943.0	1967.0	1975.0	1967.0	1943.0	1903.5	1849.1
15°	1892.1	1979.8	2051.8	2107.8	2148.5	2173.3	2181.6	2173.3	2148.5	2107.8	2051.8
13.75°	2078.9	2168.7	2240.7	2297.6	2338.9	2362.5	2370.5	2362.5	2338.9	2297.6	2240.7
12.5°	2251.1	2341.5	2413.5	2471.4	2512.2	2536.9	2545.3	2536.9	2512.2	2471.4	2413.5
11.25°	2407.0	2497.8	2572.7	2631.8	2673.0	2698.4	2706.9	2698.4	2673.0	2631.8	2572.7
10°	2548.4	2641.2	2717.1	2777.5	2821.8	2849.2	2858.5	2849.2	2821.8	2777.5	2717.1
8.75°	2675.0	2769.6	2850.3	2913.2	2960.1	2987.1	2995.8	2987.1	2960.1	2913.2	2850.3
7.5°	2787.4	2886.5	2970.4	3032.2	3078.1	3104.4	3113.4	3104.4	3078.1	3032.2	2970.4
6.25°	2886.5	2987.9	3069.9	3132.2	3175.6	3200.0	3208.5	3200.0	3175.6	3132.2	3069.9
5°	2970.4	3069.9	3151.3	3208.7	3247.2	3270.0	3278.1	3270.0	3247.2	3208.7	3151.3
3.75°	3032.2	3132.2	3208.7	3262.3	3297.4	3318.3	3323.0	3318.3	3297.4	3262.3	3208.7
2.5°	3078.1	3175.6	3247.2	3297.4	3327.9	3342.3	3345.2	3342.3	3327.9	3297.4	3247.2
1.25°	3104.4	3200.0	3270.0	3318.3	3342.3	3352.5	3358.0	3352.5	3342.3	3318.3	3270.0
0°	3113.4	3208.5	3278.1	3323.0	3345.2	3358.0	3370.4	3358.0	3345.2	3323.0	3278.1
-1.25°	3104.4	3200.0	3270.0	3318.3	3342.3	3352.5	3358.0	3352.5	3342.3	3318.3	3270.0
-2.5°	3078.1	3175.6	3247.2	3297.4	3327.9	3342.3	3345.2	3342.3	3327.9	3297.4	3247.2
-3.75°	3032.2	3132.2	3208.7	3262.3	3297.4	3318.3	3323.0	3318.3	3297.4	3262.3	3208.7
-5°	2970.4	3069.9	3151.3	3208.7	3247.2	3270.0	3278.1	3270.0	3247.2	3208.7	3151.3
-6.25°	2886.5	2987.9	3069.9	3132.2	3175.6	3200.0	3208.5	3200.0	3175.6	3132.2	3069.9
-7.5°	2787.4	2886.5	2970.4	3032.2	3078.1	3104.4	3113.4	3104.4	3078.1	3032.2	2970.4
-8.75°	2675.0	2769.6	2850.3	2913.2	2960.1	2987.1	2995.8	2987.1	2960.1	2913.2	2850.3
-10°	2548.4	2641.2	2717.1	2777.5	2821.8	2849.2	2858.5	2849.2	2821.8	2777.5	2717.1
-11.25°	2407.0	2497.8	2572.7	2631.8	2673.0	2698.4	2706.9	2698.4	2673.0	2631.8	2572.7
-12.5°	2251.1	2341.5	2413.5	2471.4	2512.2	2536.9	2545.3	2536.9	2512.2	2471.4	2413.5
-13.75°	2078.9	2168.7	2240.7	2297.6	2338.9	2362.5	2370.5	2362.5	2338.9	2297.6	2240.7
-15°	1892.1	1979.8	2051.8	2107.8	2148.5	2173.3	2181.6	2173.3	2148.5	2107.8	2051.8
-16.25°	1694.2	1778.5	1849.1	1903.5	1943.0	1967.0	1975.0	1967.0	1943.0	1903.5	1849.1
-17.5°	1495.5	1572.7	1637.3	1688.8	1726.6	1749.5	1757.2	1749.5	1726.6	1688.8	1637.3
-18.75°	1302.7	1371.5	1429.9	1476.1	1510.0	1530.8	1537.8	1530.8	1510.0	1476.1	1429.9
-20°	1113.0	1179.1	1231.2	1272.2	1301.9	1319.8	1325.8	1319.8	1301.9	1272.2	1231.2
-21.25°	909.6	974.4	1027.3	1068.7	1098.6	1116.6	1122.6	1116.6	1098.6	1068.7	1027.3





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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	707.4	765.6	813.9	853.6	882.4	899.7	905.5	899.7	882.4	853.6	813.9
-23.75°	523.3	572.6	613.4	645.5	670.8	686.4	691.6	686.4	670.8	645.5	613.4
-25°	365.1	405.0	438.7	465.1	484.0	495.5	499.3	495.5	484.0	465.1	438.7
-26.25°	243.8	268.1	294.3	314.9	329.7	338.6	341.6	338.6	329.7	314.9	294.3
-27.5°	169.6	180.3	192.3	205.8	215.6	221.4	223.4	221.4	215.6	205.8	192.3
-28.75°	136.5	141.2	145.0	148.5	153.3	156.2	157.1	156.2	153.3	148.5	145.0
-30°	119.5	122.7	125.4	127.4	128.9	129.8	130.1	129.8	128.9	127.4	125.4
-31.25°	104.3	107.3	109.8	111.8	113.2	114.1	114.4	114.1	113.2	111.8	109.8
-32.5°	90.5	93.0	95.0	96.6	97.7	98.4	98.6	98.4	97.7	96.6	95.0
-33.75°	77.6	79.9	81.8	83.4	84.4	85.1	85.3	85.1	84.4	83.4	81.8
-35°	68.3	69.4	70.3	71.1	71.6	71.9	72.0	71.9	71.6	71.1	70.3
-36.25°	61.8	62.9	63.8	64.5	65.0	65.3	65.4	65.3	65.0	64.5	63.8
-37.5°	57.5	57.8	58.1	58.4	58.6	58.7	58.7	58.7	58.6	58.4	58.1
-38.75°	55.1	55.4	55.7	56.0	56.1	56.2	56.3	56.2	56.1	56.0	55.7
-40°	53.3	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.7	53.7	53.6
-41.25°	52.3	52.4	52.5	52.6	52.7	52.7	52.8	52.7	52.7	52.6	52.5
-42.5°	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.6	51.6
-43.75°	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	50.9	50.9
-45°	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.2
-46.25°	49.8	49.9	49.9	49.9	49.9	49.9	50.0	49.9	49.9	49.9	49.9
-47.5°	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.5	49.5
-48.75°	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.8	48.8
-50°	47.9	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.1	48.1
-51.25°	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.1	47.1
-52.5°	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.1
-53.75°	44.8	44.9	45.0	45.1	45.1	45.1	45.2	45.1	45.1	45.1	45.0
-55°	43.7	43.8	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.0	43.9
-56.25°	42.3	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.6	42.5
-57.5°	40.9	41.0	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.2	41.1
-58.75°	39.1	39.3	39.4	39.4	39.5	39.5	39.6	39.5	39.5	39.4	39.4
-60°	37.4	37.5	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.7	37.6
-61.25°	35.7	35.8	35.9	36.0	36.0	36.0	36.1	36.0	36.0	36.0	35.9
-62.5°	33.8	34.0	34.1	34.2	34.2	34.3	34.3	34.3	34.2	34.2	34.1
-63.75°	31.4	31.5	31.6	31.7	31.8	31.8	31.9	31.8	31.8	31.7	31.6
-65°	29.0	29.1	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.3	29.2
-66.25°	26.5	26.7	26.8	26.8	26.9	26.9	27.0	26.9	26.9	26.8	26.8
-67.5°	24.2	24.3	24.3	24.4	24.5	24.5	24.5	24.5	24.5	24.4	24.3
-68.75°	22.1	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
-70°	20.1	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.2	20.2
-71.25°	18.3	18.4	18.4	18.5	18.5	18.5	18.6	18.5	18.5	18.5	18.4
-72.5°	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7
-73.75°	15.2	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.3
-75°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
-76.25°	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
-77.5°	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	11.5	11.5	11.5	11.5	11.5	11.5	11.6	11.5	11.5	11.5	11.5
-80°	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
-81.25°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-82.5°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
-83.75°	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
-85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-86.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
86.25°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3
85°	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6
83.75°	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	5.9
82.5°	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.3
81.25°	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.6
80°	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0	10.0	9.9
78.75°	11.5	11.5	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.0
77.5°	12.5	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0
76.25°	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.0	12.9	12.9
75°	13.9	13.9	13.9	13.9	13.8	13.8	13.8	13.7	13.7	13.6	13.5
73.75°	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.8	14.7	14.5	14.4
72.5°	16.7	16.6	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.9	15.7
71.25°	18.4	18.3	18.2	18.1	18.0	17.9	17.8	17.6	17.5	17.3	17.1
70°	20.1	20.1	20.0	19.9	19.7	19.6	19.5	19.3	19.1	19.0	18.8
68.75°	22.2	22.1	22.0	21.8	21.7	21.5	21.3	21.1	20.9	20.7	20.4
67.5°	24.3	24.2	24.0	23.9	23.7	23.6	23.4	23.1	22.9	22.7	22.4
66.25°	26.7	26.5	26.4	26.2	26.0	25.8	25.5	25.3	25.0	24.7	24.4
65°	29.1	29.0	28.8	28.6	28.4	28.2	27.9	27.6	27.3	27.0	26.6
63.75°	31.5	31.4	31.2	31.0	30.8	30.5	30.3	30.0	29.6	29.3	28.9
62.5°	34.0	33.8	33.6	33.4	33.2	32.9	32.6	32.3	32.0	31.6	31.2
61.25°	35.8	35.7	35.5	35.4	35.2	35.0	34.8	34.6	34.3	33.9	33.5
60°	37.5	37.4	37.3	37.1	36.9	36.7	36.5	36.2	36.0	35.7	35.4
58.75°	39.3	39.1	39.0	38.8	38.6	38.4	38.2	37.9	37.6	37.3	37.0
57.5°	41.0	40.9	40.7	40.5	40.3	40.1	39.8	39.6	39.3	39.0	38.6
56.25°	42.4	42.3	42.2	42.1	41.9	41.7	41.5	41.2	40.9	40.6	40.2
55°	43.8	43.7	43.6	43.4	43.2	43.0	42.8	42.6	42.3	42.0	41.7
53.75°	44.9	44.8	44.7	44.6	44.5	44.3	44.1	43.9	43.6	43.3	43.0
52.5°	46.0	45.9	45.8	45.6	45.5	45.3	45.2	45.0	44.7	44.5	44.3
51.25°	47.0	46.9	46.8	46.6	46.5	46.3	46.2	45.9	45.7	45.5	45.2
50°	48.0	47.9	47.8	47.6	47.5	47.3	47.1	46.9	46.7	46.4	46.2
48.75°	48.7	48.7	48.6	48.5	48.4	48.2	48.1	47.8	47.6	47.4	47.1
47.5°	49.4	49.3	49.3	49.2	49.0	48.9	48.8	48.6	48.4	48.3	48.0
46.25°	49.9	49.8	49.8	49.7	49.7	49.6	49.4	49.3	49.1	48.9	48.7
45°	50.2	50.2	50.1	50.1	50.0	49.9	49.8	49.8	49.7	49.5	49.3
43.75°	50.8	50.7	50.6	50.5	50.4	50.3	50.2	50.1	50.0	49.9	49.8
42.5°	51.5	51.4	51.3	51.2	51.0	50.9	50.7	50.5	50.3	50.2	50.1
41.25°	52.4	52.3	52.1	51.9	51.7	51.5	51.4	51.2	51.0	50.8	50.5
40°	53.5	53.3	53.1	52.9	52.7	52.5	52.2	51.9	51.6	51.4	51.1
38.75°	55.4	55.1	54.6	54.1	53.7	53.5	53.2	52.9	52.5	52.2	51.8
37.5°	57.8	57.5	57.0	56.5	55.9	55.3	54.6	53.8	53.5	53.1	52.7
36.25°	62.9	61.8	60.6	59.1	58.3	57.6	56.9	56.1	55.2	54.3	53.6
35°	69.4	68.3	67.0	65.5	63.8	61.9	59.9	58.3	57.4	56.5	55.5



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	79.9	77.6	74.8	71.8	70.1	68.1	66.0	63.7	61.2	58.6	57.6
32.5°	93.0	90.5	87.6	84.3	80.6	76.5	72.1	69.6	67.0	64.3	61.4
31.25°	107.3	104.3	100.7	96.9	93.1	88.8	84.1	79.1	73.7	70.0	67.0
30°	122.7	119.5	115.8	111.5	106.7	101.4	96.1	90.9	85.3	79.3	73.0
28.75°	141.2	136.5	131.1	126.3	121.3	115.8	109.8	103.3	96.7	90.5	83.9
27.5°	180.3	169.6	156.9	145.3	138.0	130.0	123.7	117.0	109.7	102.1	94.7
26.25°	268.1	243.8	218.1	188.7	170.6	152.0	140.5	130.7	123.0	115.0	106.6
25°	405.0	365.1	326.1	281.7	240.9	203.2	173.8	151.2	138.3	127.7	119.0
23.75°	572.6	523.3	470.2	413.4	353.5	296.5	242.7	196.8	166.4	144.1	131.5
22.5°	765.6	707.4	640.7	572.0	496.1	423.4	349.0	279.8	223.0	177.4	148.5
21.25°	974.4	909.6	834.4	752.6	662.7	573.5	481.4	393.5	312.4	240.7	184.1
20°	1179.1	1113.0	1035.2	946.2	846.7	742.1	633.1	527.2	426.4	332.2	249.7
18.75°	1371.5	1302.7	1225.8	1137.2	1034.6	921.5	799.9	676.1	556.6	442.9	338.8
17.5°	1572.7	1495.5	1409.3	1313.4	1212.3	1098.3	972.1	835.9	698.8	566.5	442.9
16.25°	1778.5	1694.2	1598.8	1492.7	1380.1	1262.0	1137.0	997.6	848.3	698.8	556.6
15°	1979.8	1892.1	1790.1	1674.8	1551.4	1421.3	1287.2	1150.0	997.6	835.9	676.1
13.75°	2168.7	2078.9	1974.6	1855.5	1722.2	1581.2	1435.1	1287.2	1137.0	972.1	799.9
12.5°	2341.5	2251.1	2145.9	2024.9	1887.8	1738.2	1581.2	1421.3	1262.0	1098.3	921.5
11.25°	2497.8	2407.0	2301.5	2180.1	2041.2	1887.8	1722.2	1551.4	1380.1	1212.3	1034.6
10°	2641.2	2548.4	2440.6	2318.6	2180.1	2024.9	1855.5	1674.8	1492.7	1313.4	1137.2
8.75°	2769.6	2675.0	2565.6	2440.6	2301.5	2145.9	1974.6	1790.1	1598.8	1409.3	1225.8
7.5°	2886.5	2787.4	2675.0	2548.4	2407.0	2251.1	2078.9	1892.1	1694.2	1495.5	1302.7
6.25°	2987.9	2886.5	2769.6	2641.2	2497.8	2341.5	2168.7	1979.8	1778.5	1572.7	1371.5
5°	3069.9	2970.4	2850.3	2717.1	2572.7	2413.5	2240.7	2051.8	1849.1	1637.3	1429.9
3.75°	3132.2	3032.2	2913.2	2777.5	2631.8	2471.4	2297.6	2107.8	1903.5	1688.8	1476.1
2.5°	3175.6	3078.1	2960.1	2821.8	2673.0	2512.2	2338.9	2148.5	1943.0	1726.6	1510.0
1.25°	3200.0	3104.4	2987.1	2849.2	2698.4	2536.9	2362.5	2173.3	1967.0	1749.5	1530.8
0°	3208.5	3113.4	2995.8	2858.5	2706.9	2545.3	2370.5	2181.6	1975.0	1757.2	1537.8
-1.25°	3200.0	3104.4	2987.1	2849.2	2698.4	2536.9	2362.5	2173.3	1967.0	1749.5	1530.8
-2.5°	3175.6	3078.1	2960.1	2821.8	2673.0	2512.2	2338.9	2148.5	1943.0	1726.6	1510.0
-3.75°	3132.2	3032.2	2913.2	2777.5	2631.8	2471.4	2297.6	2107.8	1903.5	1688.8	1476.1
-5°	3069.9	2970.4	2850.3	2717.1	2572.7	2413.5	2240.7	2051.8	1849.1	1637.3	1429.9
-6.25°	2987.9	2886.5	2769.6	2641.2	2497.8	2341.5	2168.7	1979.8	1778.5	1572.7	1371.5
-7.5°	2886.5	2787.4	2675.0	2548.4	2407.0	2251.1	2078.9	1892.1	1694.2	1495.5	1302.7
-8.75°	2769.6	2675.0	2565.6	2440.6	2301.5	2145.9	1974.6	1790.1	1598.8	1409.3	1225.8
-10°	2641.2	2548.4	2440.6	2318.6	2180.1	2024.9	1855.5	1674.8	1492.7	1313.4	1137.2
-11.25°	2497.8	2407.0	2301.5	2180.1	2041.2	1887.8	1722.2	1551.4	1380.1	1212.3	1034.6
-12.5°	2341.5	2251.1	2145.9	2024.9	1887.8	1738.2	1581.2	1421.3	1262.0	1098.3	921.5
-13.75°	2168.7	2078.9	1974.6	1855.5	1722.2	1581.2	1435.1	1287.2	1137.0	972.1	799.9
-15°	1979.8	1892.1	1790.1	1674.8	1551.4	1421.3	1287.2	1150.0	997.6	835.9	676.1
-16.25°	1778.5	1694.2	1598.8	1492.7	1380.1	1262.0	1137.0	997.6	848.3	698.8	556.6
-17.5°	1572.7	1495.5	1409.3	1313.4	1212.3	1098.3	972.1	835.9	698.8	566.5	442.9
-18.75°	1371.5	1302.7	1225.8	1137.2	1034.6	921.5	799.9	676.1	556.6	442.9	338.8
-20°	1179.1	1113.0	1035.2	946.2	846.7	742.1	633.1	527.2	426.4	332.2	249.7
-21.25°	974.4	909.6	834.4	752.6	662.7	573.5	481.4	393.5	312.4	240.7	184.1



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	765.6	707.4	640.7	572.0	496.1	423.4	349.0	279.8	223.0	177.4	148.5
-23.75°	572.6	523.3	470.2	413.4	353.5	296.5	242.7	196.8	166.4	144.1	131.5
-25°	405.0	365.1	326.1	281.7	240.9	203.2	173.8	151.2	138.3	127.7	119.0
-26.25°	268.1	243.8	218.1	188.7	170.6	152.0	140.5	130.7	123.0	115.0	106.6
-27.5°	180.3	169.6	156.9	145.3	138.0	130.0	123.7	117.0	109.7	102.1	94.7
-28.75°	141.2	136.5	131.1	126.3	121.3	115.8	109.8	103.3	96.7	90.5	83.9
-30°	122.7	119.5	115.8	111.5	106.7	101.4	96.1	90.9	85.3	79.3	73.0
-31.25°	107.3	104.3	100.7	96.9	93.1	88.8	84.1	79.1	73.7	70.0	67.0
-32.5°	93.0	90.5	87.6	84.3	80.6	76.5	72.1	69.6	67.0	64.3	61.4
-33.75°	79.9	77.6	74.8	71.8	70.1	68.1	66.0	63.7	61.2	58.6	57.6
-35°	69.4	68.3	67.0	65.5	63.8	61.9	59.9	58.3	57.4	56.5	55.5
-36.25°	62.9	61.8	60.6	59.1	58.3	57.6	56.9	56.1	55.2	54.3	53.6
-37.5°	57.8	57.5	57.0	56.5	55.9	55.3	54.6	53.8	53.5	53.1	52.7
-38.75°	55.4	55.1	54.6	54.1	53.7	53.5	53.2	52.9	52.5	52.2	51.8
-40°	53.5	53.3	53.1	52.9	52.7	52.5	52.2	51.9	51.6	51.4	51.1
-41.25°	52.4	52.3	52.1	51.9	51.7	51.5	51.4	51.2	51.0	50.8	50.5
-42.5°	51.5	51.4	51.3	51.2	51.0	50.9	50.7	50.5	50.3	50.2	50.1
-43.75°	50.8	50.7	50.6	50.5	50.4	50.3	50.2	50.1	50.0	49.9	49.8
-45°	50.2	50.2	50.1	50.1	50.0	49.9	49.8	49.8	49.7	49.5	49.3
-46.25°	49.9	49.8	49.8	49.7	49.7	49.6	49.4	49.3	49.1	48.9	48.7
-47.5°	49.4	49.3	49.3	49.2	49.0	48.9	48.8	48.6	48.4	48.3	48.0
-48.75°	48.7	48.7	48.6	48.5	48.4	48.2	48.1	47.8	47.6	47.4	47.1
-50°	48.0	47.9	47.8	47.6	47.5	47.3	47.1	46.9	46.7	46.4	46.2
-51.25°	47.0	46.9	46.8	46.6	46.5	46.3	46.2	45.9	45.7	45.5	45.2
-52.5°	46.0	45.9	45.8	45.6	45.5	45.3	45.2	45.0	44.7	44.5	44.3
-53.75°	44.9	44.8	44.7	44.6	44.5	44.3	44.1	43.9	43.6	43.3	43.0
-55°	43.8	43.7	43.6	43.4	43.2	43.0	42.8	42.6	42.3	42.0	41.7
-56.25°	42.4	42.3	42.2	42.1	41.9	41.7	41.5	41.2	40.9	40.6	40.2
-57.5°	41.0	40.9	40.7	40.5	40.3	40.1	39.8	39.6	39.3	39.0	38.6
-58.75°	39.3	39.1	39.0	38.8	38.6	38.4	38.2	37.9	37.6	37.3	37.0
-60°	37.5	37.4	37.3	37.1	36.9	36.7	36.5	36.2	36.0	35.7	35.4
-61.25°	35.8	35.7	35.5	35.4	35.2	35.0	34.8	34.6	34.3	33.9	33.5
-62.5°	34.0	33.8	33.6	33.4	33.2	32.9	32.6	32.3	32.0	31.6	31.2
-63.75°	31.5	31.4	31.2	31.0	30.8	30.5	30.3	30.0	29.6	29.3	28.9
-65°	29.1	29.0	28.8	28.6	28.4	28.2	27.9	27.6	27.3	27.0	26.6
-66.25°	26.7	26.5	26.4	26.2	26.0	25.8	25.5	25.3	25.0	24.7	24.4
-67.5°	24.3	24.2	24.0	23.9	23.7	23.6	23.4	23.1	22.9	22.7	22.4
-68.75°	22.2	22.1	22.0	21.8	21.7	21.5	21.3	21.1	20.9	20.7	20.4
-70°	20.1	20.1	20.0	19.9	19.7	19.6	19.5	19.3	19.1	19.0	18.8
-71.25°	18.4	18.3	18.2	18.1	18.0	17.9	17.8	17.6	17.5	17.3	17.1
-72.5°	16.7	16.6	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.9	15.7
-73.75°	15.3	15.2	15.2	15.1	15.0	15.0	14.9	14.8	14.7	14.5	14.4
-75°	13.9	13.9	13.9	13.9	13.8	13.8	13.8	13.7	13.7	13.6	13.5
-76.25°	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.0	12.9	12.9
-77.5°	12.5	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0



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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°
-78.75°	11.5	11.5	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.0
-80°	10.4	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0	10.0	9.9
-81.25°	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.6
-82.5°	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.3
-83.75°	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	5.9
-85°	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6
-86.25°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
86.25°	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.8
85°	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1	4.0
83.75°	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2
82.5°	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4
81.25°	8.5	8.4	8.3	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6
80°	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.7
78.75°	11.0	10.9	10.8	10.7	10.7	10.6	10.5	10.3	10.2	10.1	9.9
77.5°	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9
76.25°	12.8	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	11.9	11.8
75°	13.5	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.9	12.8	12.7
73.75°	14.3	14.1	14.0	13.9	13.8	13.7	13.6	13.6	13.5	13.4	13.2
72.5°	15.6	15.4	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9	13.8
71.25°	16.9	16.7	16.5	16.4	16.2	16.0	15.8	15.5	15.3	15.1	14.8
70°	18.5	18.3	18.1	17.8	17.6	17.3	17.0	16.7	16.5	16.2	16.0
68.75°	20.2	19.9	19.7	19.4	19.1	18.9	18.6	18.2	17.9	17.6	17.2
67.5°	22.1	21.8	21.5	21.1	20.8	20.4	20.1	19.7	19.4	19.0	18.7
66.25°	24.1	23.7	23.4	23.0	22.7	22.3	21.9	21.4	21.0	20.5	20.1
65°	26.3	25.9	25.4	25.0	24.5	24.1	23.7	23.2	22.8	22.3	21.8
63.75°	28.5	28.1	27.7	27.2	26.7	26.2	25.7	25.1	24.5	24.0	23.5
62.5°	30.8	30.4	29.9	29.4	28.9	28.4	27.8	27.2	26.6	26.0	25.3
61.25°	33.1	32.6	32.1	31.6	31.1	30.5	29.9	29.3	28.6	28.0	27.3
60°	35.0	34.7	34.3	33.8	33.2	32.6	32.0	31.4	30.7	30.0	29.3
58.75°	36.6	36.3	35.9	35.5	35.1	34.6	34.1	33.4	32.7	32.0	31.3
57.5°	38.3	37.9	37.5	37.0	36.6	36.1	35.6	35.1	34.6	34.0	33.2
56.25°	39.9	39.5	39.0	38.6	38.1	37.6	37.1	36.6	36.1	35.5	34.9
55°	41.4	41.0	40.6	40.1	39.6	39.1	38.6	38.1	37.5	36.9	36.3
53.75°	42.7	42.4	42.0	41.6	41.2	40.6	40.1	39.5	38.9	38.3	37.7
52.5°	44.0	43.6	43.2	42.8	42.4	42.0	41.5	41.0	40.3	39.7	39.0
51.25°	45.0	44.7	44.4	44.0	43.6	43.1	42.7	42.2	41.7	41.1	40.4
50°	45.9	45.6	45.3	45.0	44.6	44.3	43.8	43.3	42.8	42.2	41.7
48.75°	46.8	46.5	46.2	45.9	45.5	45.2	44.8	44.4	43.9	43.3	42.7
47.5°	47.7	47.4	47.1	46.8	46.4	46.0	45.6	45.2	44.8	44.3	43.8
46.25°	48.5	48.3	48.0	47.6	47.2	46.9	46.5	46.0	45.6	45.1	44.7
45°	49.1	48.9	48.6	48.4	48.1	47.7	47.3	46.8	46.4	45.9	45.5
43.75°	49.7	49.5	49.2	49.0	48.7	48.4	48.1	47.6	47.2	46.7	46.2
42.5°	50.0	49.9	49.7	49.6	49.3	49.0	48.7	48.4	47.9	47.5	47.0
41.25°	50.3	50.2	50.0	49.9	49.7	49.5	49.2	48.9	48.6	48.2	47.7
40°	50.9	50.6	50.3	50.2	50.0	49.9	49.7	49.4	49.1	48.7	48.3
38.75°	51.5	51.2	50.9	50.6	50.3	50.1	50.0	49.8	49.6	49.2	48.8
37.5°	52.3	51.9	51.5	51.2	50.8	50.5	50.2	50.0	49.9	49.7	49.3
36.25°	53.2	52.7	52.3	51.8	51.4	51.0	50.7	50.3	50.1	49.9	49.7
35°	54.4	53.6	53.1	52.6	52.1	51.6	51.2	50.8	50.4	50.1	49.9



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	56.5	55.4	54.2	53.4	52.9	52.3	51.7	51.3	50.9	50.5	50.2
32.5°	58.5	57.4	56.1	54.8	53.7	53.1	52.5	51.9	51.4	50.9	50.5
31.25°	63.8	60.4	58.1	56.7	55.3	53.9	53.2	52.6	51.9	51.4	50.9
30°	69.2	65.7	62.1	58.6	57.2	55.7	54.2	53.3	52.6	51.9	51.4
28.75°	77.0	70.9	67.2	63.3	59.3	57.4	55.9	54.3	53.3	52.6	51.9
27.5°	87.6	80.1	72.4	68.2	64.0	59.8	57.5	55.9	54.2	53.2	52.5
26.25°	97.9	90.2	82.2	73.9	68.7	64.3	59.8	57.4	55.7	53.9	53.1
25°	109.8	100.3	91.8	83.2	74.4	68.7	64.0	59.3	57.2	55.3	53.7
23.75°	121.6	111.8	101.6	92.3	83.2	73.9	68.2	63.3	58.6	56.7	54.8
22.5°	134.4	123.0	112.5	101.6	91.8	82.2	72.4	67.2	62.1	58.1	56.1
21.25°	152.9	135.3	123.0	111.8	100.3	90.2	80.1	70.9	65.7	60.4	57.4
20°	186.7	152.9	134.4	121.6	109.8	97.9	87.6	77.0	69.2	63.8	58.5
18.75°	249.7	184.1	148.5	131.5	119.0	106.6	94.7	83.9	73.0	67.0	61.4
17.5°	332.2	240.7	177.4	144.1	127.7	115.0	102.1	90.5	79.3	70.0	64.3
16.25°	426.4	312.4	223.0	166.4	138.3	123.0	109.7	96.7	85.3	73.7	67.0
15°	527.2	393.5	279.8	196.8	151.2	130.7	117.0	103.3	90.9	79.1	69.6
13.75°	633.1	481.4	349.0	242.7	173.8	140.5	123.7	109.8	96.1	84.1	72.1
12.5°	742.1	573.5	423.4	296.5	203.2	152.0	130.0	115.8	101.4	88.8	76.5
11.25°	846.7	662.7	496.1	353.5	240.9	170.6	138.0	121.3	106.7	93.1	80.6
10°	946.2	752.6	572.0	413.4	281.7	188.7	145.3	126.3	111.5	96.9	84.3
8.75°	1035.2	834.4	640.7	470.2	326.1	218.1	156.9	131.1	115.8	100.7	87.6
7.5°	1113.0	909.6	707.4	523.3	365.1	243.8	169.6	136.5	119.5	104.3	90.5
6.25°	1179.1	974.4	765.6	572.6	405.0	268.1	180.3	141.2	122.7	107.3	93.0
5°	1231.2	1027.3	813.9	613.4	438.7	294.3	192.3	145.0	125.4	109.8	95.0
3.75°	1272.2	1068.7	853.6	645.5	465.1	314.9	205.8	148.5	127.4	111.8	96.6
2.5°	1301.9	1098.6	882.4	670.8	484.0	329.7	215.6	153.3	128.9	113.2	97.7
1.25°	1319.8	1116.6	899.7	686.4	495.5	338.6	221.4	156.2	129.8	114.1	98.4
0°	1325.8	1122.6	905.5	691.6	499.3	341.6	223.4	157.1	130.1	114.4	98.6
-1.25°	1319.8	1116.6	899.7	686.4	495.5	338.6	221.4	156.2	129.8	114.1	98.4
-2.5°	1301.9	1098.6	882.4	670.8	484.0	329.7	215.6	153.3	128.9	113.2	97.7
-3.75°	1272.2	1068.7	853.6	645.5	465.1	314.9	205.8	148.5	127.4	111.8	96.6
-5°	1231.2	1027.3	813.9	613.4	438.7	294.3	192.3	145.0	125.4	109.8	95.0
-6.25°	1179.1	974.4	765.6	572.6	405.0	268.1	180.3	141.2	122.7	107.3	93.0
-7.5°	1113.0	909.6	707.4	523.3	365.1	243.8	169.6	136.5	119.5	104.3	90.5
-8.75°	1035.2	834.4	640.7	470.2	326.1	218.1	156.9	131.1	115.8	100.7	87.6
-10°	946.2	752.6	572.0	413.4	281.7	188.7	145.3	126.3	111.5	96.9	84.3
-11.25°	846.7	662.7	496.1	353.5	240.9	170.6	138.0	121.3	106.7	93.1	80.6
-12.5°	742.1	573.5	423.4	296.5	203.2	152.0	130.0	115.8	101.4	88.8	76.5
-13.75°	633.1	481.4	349.0	242.7	173.8	140.5	123.7	109.8	96.1	84.1	72.1
-15°	527.2	393.5	279.8	196.8	151.2	130.7	117.0	103.3	90.9	79.1	69.6
-16.25°	426.4	312.4	223.0	166.4	138.3	123.0	109.7	96.7	85.3	73.7	67.0
-17.5°	332.2	240.7	177.4	144.1	127.7	115.0	102.1	90.5	79.3	70.0	64.3
-18.75°	249.7	184.1	148.5	131.5	119.0	106.6	94.7	83.9	73.0	67.0	61.4
-20°	186.7	152.9	134.4	121.6	109.8	97.9	87.6	77.0	69.2	63.8	58.5
-21.25°	152.9	135.3	123.0	111.8	100.3	90.2	80.1	70.9	65.7	60.4	57.4





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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	134.4	123.0	112.5	101.6	91.8	82.2	72.4	67.2	62.1	58.1	56.1
-23.75°	121.6	111.8	101.6	92.3	83.2	73.9	68.2	63.3	58.6	56.7	54.8
-25°	109.8	100.3	91.8	83.2	74.4	68.7	64.0	59.3	57.2	55.3	53.7
-26.25°	97.9	90.2	82.2	73.9	68.7	64.3	59.8	57.4	55.7	53.9	53.1
-27.5°	87.6	80.1	72.4	68.2	64.0	59.8	57.5	55.9	54.2	53.2	52.5
-28.75°	77.0	70.9	67.2	63.3	59.3	57.4	55.9	54.3	53.3	52.6	51.9
-30°	69.2	65.7	62.1	58.6	57.2	55.7	54.2	53.3	52.6	51.9	51.4
-31.25°	63.8	60.4	58.1	56.7	55.3	53.9	53.2	52.6	51.9	51.4	50.9
-32.5°	58.5	57.4	56.1	54.8	53.7	53.1	52.5	51.9	51.4	50.9	50.5
-33.75°	56.5	55.4	54.2	53.4	52.9	52.3	51.7	51.3	50.9	50.5	50.2
-35°	54.4	53.6	53.1	52.6	52.1	51.6	51.2	50.8	50.4	50.1	49.9
-36.25°	53.2	52.7	52.3	51.8	51.4	51.0	50.7	50.3	50.1	49.9	49.7
-37.5°	52.3	51.9	51.5	51.2	50.8	50.5	50.2	50.0	49.9	49.7	49.3
-38.75°	51.5	51.2	50.9	50.6	50.3	50.1	50.0	49.8	49.6	49.2	48.8
-40°	50.9	50.6	50.3	50.2	50.0	49.9	49.7	49.4	49.1	48.7	48.3
-41.25°	50.3	50.2	50.0	49.9	49.7	49.5	49.2	48.9	48.6	48.2	47.7
-42.5°	50.0	49.9	49.7	49.6	49.3	49.0	48.7	48.4	47.9	47.5	47.0
-43.75°	49.7	49.5	49.2	49.0	48.7	48.4	48.1	47.6	47.2	46.7	46.2
-45°	49.1	48.9	48.6	48.4	48.1	47.7	47.3	46.8	46.4	45.9	45.5
-46.25°	48.5	48.3	48.0	47.6	47.2	46.9	46.5	46.0	45.6	45.1	44.7
-47.5°	47.7	47.4	47.1	46.8	46.4	46.0	45.6	45.2	44.8	44.3	43.8
-48.75°	46.8	46.5	46.2	45.9	45.5	45.2	44.8	44.4	43.9	43.3	42.7
-50°	45.9	45.6	45.3	45.0	44.6	44.3	43.8	43.3	42.8	42.2	41.7
-51.25°	45.0	44.7	44.4	44.0	43.6	43.1	42.7	42.2	41.7	41.1	40.4
-52.5°	44.0	43.6	43.2	42.8	42.4	42.0	41.5	41.0	40.3	39.7	39.0
-53.75°	42.7	42.4	42.0	41.6	41.2	40.6	40.1	39.5	38.9	38.3	37.7
-55°	41.4	41.0	40.6	40.1	39.6	39.1	38.6	38.1	37.5	36.9	36.3
-56.25°	39.9	39.5	39.0	38.6	38.1	37.6	37.1	36.6	36.1	35.5	34.9
-57.5°	38.3	37.9	37.5	37.0	36.6	36.1	35.6	35.1	34.6	34.0	33.2
-58.75°	36.6	36.3	35.9	35.5	35.1	34.6	34.1	33.4	32.7	32.0	31.3
-60°	35.0	34.7	34.3	33.8	33.2	32.6	32.0	31.4	30.7	30.0	29.3
-61.25°	33.1	32.6	32.1	31.6	31.1	30.5	29.9	29.3	28.6	28.0	27.3
-62.5°	30.8	30.4	29.9	29.4	28.9	28.4	27.8	27.2	26.6	26.0	25.3
-63.75°	28.5	28.1	27.7	27.2	26.7	26.2	25.7	25.1	24.5	24.0	23.5
-65°	26.3	25.9	25.4	25.0	24.5	24.1	23.7	23.2	22.8	22.3	21.8
-66.25°	24.1	23.7	23.4	23.0	22.7	22.3	21.9	21.4	21.0	20.5	20.1
-67.5°	22.1	21.8	21.5	21.1	20.8	20.4	20.1	19.7	19.4	19.0	18.7
-68.75°	20.2	19.9	19.7	19.4	19.1	18.9	18.6	18.2	17.9	17.6	17.2
-70°	18.5	18.3	18.1	17.8	17.6	17.3	17.0	16.7	16.5	16.2	16.0
-71.25°	16.9	16.7	16.5	16.4	16.2	16.0	15.8	15.5	15.3	15.1	14.8
-72.5°	15.6	15.4	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9	13.8
-73.75°	14.3	14.1	14.0	13.9	13.8	13.7	13.6	13.6	13.5	13.4	13.2
-75°	13.5	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.9	12.8	12.7
-76.25°	12.8	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	11.9	11.8
-77.5°	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	11.0	10.9	10.8	10.7	10.7	10.6	10.5	10.3	10.2	10.1	9.9
-80°	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.7
-81.25°	8.5	8.4	8.3	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6
-82.5°	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4
-83.75°	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2
-85°	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1	4.0
-86.25°	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.8
-87.5°	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
-88.75°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
87.5°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
86.25°	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.2
85°	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.3	3.2
83.75°	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.2	4.1
82.5°	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.2	5.1
81.25°	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1
80°	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.5	7.4	7.2	7.0
78.75°	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.6	8.4	8.2	8.0
77.5°	10.8	10.7	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.2	8.9
76.25°	11.7	11.5	11.4	11.2	11.1	10.9	10.7	10.6	10.4	10.1	9.9
75°	12.5	12.4	12.2	12.1	11.9	11.7	11.5	11.3	11.2	11.0	10.8
73.75°	13.1	13.0	12.9	12.8	12.7	12.5	12.3	12.1	11.9	11.7	11.5
72.5°	13.7	13.6	13.5	13.3	13.2	13.1	12.9	12.8	12.6	12.4	12.2
71.25°	14.6	14.3	14.0	13.9	13.7	13.6	13.4	13.3	13.1	13.0	12.8
70°	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.8	13.6	13.4	13.3
68.75°	16.9	16.5	16.2	15.9	15.6	15.3	14.9	14.6	14.2	13.9	13.7
67.5°	18.3	17.9	17.5	17.0	16.6	16.3	15.9	15.6	15.2	14.8	14.4
66.25°	19.7	19.3	18.8	18.4	17.9	17.5	17.0	16.5	16.1	15.7	15.3
65°	21.3	20.7	20.2	19.7	19.2	18.7	18.2	17.7	17.2	16.7	16.2
63.75°	22.9	22.4	21.8	21.2	20.6	20.0	19.5	18.9	18.4	17.8	17.2
62.5°	24.7	24.0	23.4	22.8	22.2	21.5	20.8	20.2	19.6	19.0	18.4
61.25°	26.6	25.9	25.1	24.4	23.7	23.0	22.3	21.6	20.9	20.1	19.5
60°	28.5	27.8	27.0	26.2	25.4	24.5	23.8	23.0	22.3	21.5	20.7
58.75°	30.5	29.7	28.9	28.0	27.2	26.3	25.4	24.5	23.7	22.9	22.0
57.5°	32.4	31.6	30.7	29.9	29.0	28.0	27.1	26.1	25.2	24.2	23.3
56.25°	34.3	33.5	32.6	31.7	30.7	29.8	28.8	27.8	26.8	25.7	24.7
55°	35.7	35.0	34.4	33.5	32.5	31.5	30.5	29.4	28.4	27.3	26.2
53.75°	37.0	36.4	35.7	35.0	34.2	33.2	32.1	31.1	30.0	28.8	27.7
52.5°	38.4	37.7	37.0	36.2	35.5	34.7	33.8	32.7	31.5	30.4	29.2
51.25°	39.7	39.0	38.2	37.5	36.7	35.9	35.1	34.3	33.1	31.9	30.7
50°	41.0	40.3	39.5	38.7	37.9	37.1	36.3	35.4	34.5	33.4	32.1
48.75°	42.1	41.5	40.8	40.0	39.1	38.3	37.4	36.5	35.6	34.7	33.6
47.5°	43.2	42.5	41.9	41.2	40.3	39.4	38.5	37.6	36.7	35.8	34.8
46.25°	44.2	43.5	42.9	42.2	41.5	40.6	39.7	38.7	37.8	36.8	35.8
45°	44.9	44.4	43.8	43.1	42.4	41.6	40.8	39.8	38.8	37.8	36.8
43.75°	45.7	45.2	44.6	44.1	43.3	42.5	41.7	40.9	39.8	38.8	37.8
42.5°	46.4	45.9	45.3	44.8	44.2	43.4	42.6	41.8	40.9	39.8	38.7
41.25°	47.2	46.6	46.1	45.5	44.9	44.2	43.5	42.6	41.7	40.8	39.7
40°	47.9	47.3	46.7	46.1	45.5	44.9	44.2	43.4	42.5	41.6	40.6
38.75°	48.4	48.0	47.4	46.8	46.2	45.5	44.9	44.2	43.3	42.4	41.5
37.5°	48.9	48.5	48.0	47.4	46.8	46.1	45.5	44.8	44.1	43.1	42.2
36.25°	49.4	49.0	48.5	48.0	47.4	46.7	46.1	45.3	44.6	43.8	42.9
35°	49.7	49.4	49.0	48.5	48.0	47.3	46.6	45.9	45.2	44.4	43.5

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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°	49.9	49.7	49.4	48.9	48.4	47.9	47.2	46.4	45.7	44.9	44.2
32.5°	50.2	49.9	49.7	49.3	48.8	48.3	47.7	47.0	46.2	45.5	44.7
31.25°	50.5	50.1	49.9	49.7	49.2	48.7	48.2	47.5	46.7	45.9	45.1
30°	50.9	50.4	50.1	49.9	49.6	49.1	48.6	47.9	47.2	46.4	45.6
28.75°	51.3	50.8	50.3	50.0	49.8	49.4	48.9	48.4	47.6	46.8	46.0
27.5°	51.7	51.2	50.7	50.2	50.0	49.7	49.2	48.7	48.1	47.3	46.5
26.25°	52.3	51.6	51.0	50.5	50.1	49.9	49.5	49.0	48.4	47.7	46.9
25°	52.9	52.1	51.4	50.8	50.3	50.0	49.7	49.3	48.7	48.1	47.2
23.75°	53.4	52.6	51.8	51.2	50.6	50.2	49.9	49.6	49.0	48.4	47.6
22.5°	54.2	53.1	52.3	51.5	50.9	50.3	50.0	49.7	49.2	48.6	48.0
21.25°	55.4	53.6	52.7	51.9	51.2	50.6	50.2	49.9	49.5	48.9	48.3
20°	56.5	54.4	53.2	52.3	51.5	50.9	50.3	50.0	49.7	49.1	48.5
18.75°	57.6	55.5	53.6	52.7	51.8	51.1	50.5	50.1	49.8	49.3	48.7
17.5°	58.6	56.5	54.3	53.1	52.2	51.4	50.8	50.2	49.9	49.5	48.9
16.25°	61.2	57.4	55.2	53.5	52.5	51.6	51.0	50.3	50.0	49.7	49.1
15°	63.7	58.3	56.1	53.8	52.9	51.9	51.2	50.5	50.1	49.8	49.3
13.75°	66.0	59.9	56.9	54.6	53.2	52.2	51.4	50.7	50.2	49.8	49.4
12.5°	68.1	61.9	57.6	55.3	53.5	52.5	51.5	50.9	50.3	49.9	49.6
11.25°	70.1	63.8	58.3	55.9	53.7	52.7	51.7	51.0	50.4	50.0	49.7
10°	71.8	65.5	59.1	56.5	54.1	52.9	51.9	51.2	50.5	50.1	49.7
8.75°	74.8	67.0	60.6	57.0	54.6	53.1	52.1	51.3	50.6	50.1	49.8
7.5°	77.6	68.3	61.8	57.5	55.1	53.3	52.3	51.4	50.7	50.2	49.8
6.25°	79.9	69.4	62.9	57.8	55.4	53.5	52.4	51.5	50.8	50.2	49.9
5°	81.8	70.3	63.8	58.1	55.7	53.6	52.5	51.6	50.9	50.2	49.9
3.75°	83.4	71.1	64.5	58.4	56.0	53.7	52.6	51.6	50.9	50.3	49.9
2.5°	84.4	71.6	65.0	58.6	56.1	53.7	52.7	51.7	51.0	50.3	49.9
1.25°	85.1	71.9	65.3	58.7	56.2	53.8	52.7	51.7	51.0	50.3	49.9
0°	85.3	72.0	65.4	58.7	56.3	53.8	52.8	51.7	51.0	50.3	50.0
-1.25°	85.1	71.9	65.3	58.7	56.2	53.8	52.7	51.7	51.0	50.3	49.9
-2.5°	84.4	71.6	65.0	58.6	56.1	53.7	52.7	51.7	51.0	50.3	49.9
-3.75°	83.4	71.1	64.5	58.4	56.0	53.7	52.6	51.6	50.9	50.3	49.9
-5°	81.8	70.3	63.8	58.1	55.7	53.6	52.5	51.6	50.9	50.2	49.9
-6.25°	79.9	69.4	62.9	57.8	55.4	53.5	52.4	51.5	50.8	50.2	49.9
-7.5°	77.6	68.3	61.8	57.5	55.1	53.3	52.3	51.4	50.7	50.2	49.8
-8.75°	74.8	67.0	60.6	57.0	54.6	53.1	52.1	51.3	50.6	50.1	49.8
-10°	71.8	65.5	59.1	56.5	54.1	52.9	51.9	51.2	50.5	50.1	49.7
-11.25°	70.1	63.8	58.3	55.9	53.7	52.7	51.7	51.0	50.4	50.0	49.7
-12.5°	68.1	61.9	57.6	55.3	53.5	52.5	51.5	50.9	50.3	49.9	49.6
-13.75°	66.0	59.9	56.9	54.6	53.2	52.2	51.4	50.7	50.2	49.8	49.4
-15°	63.7	58.3	56.1	53.8	52.9	51.9	51.2	50.5	50.1	49.8	49.3
-16.25°	61.2	57.4	55.2	53.5	52.5	51.6	51.0	50.3	50.0	49.7	49.1
-17.5°	58.6	56.5	54.3	53.1	52.2	51.4	50.8	50.2	49.9	49.5	48.9
-18.75°	57.6	55.5	53.6	52.7	51.8	51.1	50.5	50.1	49.8	49.3	48.7
-20°	56.5	54.4	53.2	52.3	51.5	50.9	50.3	50.0	49.7	49.1	48.5
-21.25°	55.4	53.6	52.7	51.9	51.2	50.6	50.2	49.9	49.5	48.9	48.3



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	54.2	53.1	52.3	51.5	50.9	50.3	50.0	49.7	49.2	48.6	48.0
-23.75°	53.4	52.6	51.8	51.2	50.6	50.2	49.9	49.6	49.0	48.4	47.6
-25°	52.9	52.1	51.4	50.8	50.3	50.0	49.7	49.3	48.7	48.1	47.2
-26.25°	52.3	51.6	51.0	50.5	50.1	49.9	49.5	49.0	48.4	47.7	46.9
-27.5°	51.7	51.2	50.7	50.2	50.0	49.7	49.2	48.7	48.1	47.3	46.5
-28.75°	51.3	50.8	50.3	50.0	49.8	49.4	48.9	48.4	47.6	46.8	46.0
-30°	50.9	50.4	50.1	49.9	49.6	49.1	48.6	47.9	47.2	46.4	45.6
-31.25°	50.5	50.1	49.9	49.7	49.2	48.7	48.2	47.5	46.7	45.9	45.1
-32.5°	50.2	49.9	49.7	49.3	48.8	48.3	47.7	47.0	46.2	45.5	44.7
-33.75°	49.9	49.7	49.4	48.9	48.4	47.9	47.2	46.4	45.7	44.9	44.2
-35°	49.7	49.4	49.0	48.5	48.0	47.3	46.6	45.9	45.2	44.4	43.5
-36.25°	49.4	49.0	48.5	48.0	47.4	46.7	46.1	45.3	44.6	43.8	42.9
-37.5°	48.9	48.5	48.0	47.4	46.8	46.1	45.5	44.8	44.1	43.1	42.2
-38.75°	48.4	48.0	47.4	46.8	46.2	45.5	44.9	44.2	43.3	42.4	41.5
-40°	47.9	47.3	46.7	46.1	45.5	44.9	44.2	43.4	42.5	41.6	40.6
-41.25°	47.2	46.6	46.1	45.5	44.9	44.2	43.5	42.6	41.7	40.8	39.7
-42.5°	46.4	45.9	45.3	44.8	44.2	43.4	42.6	41.8	40.9	39.8	38.7
-43.75°	45.7	45.2	44.6	44.1	43.3	42.5	41.7	40.9	39.8	38.8	37.8
-45°	44.9	44.4	43.8	43.1	42.4	41.6	40.8	39.8	38.8	37.8	36.8
-46.25°	44.2	43.5	42.9	42.2	41.5	40.6	39.7	38.7	37.8	36.8	35.8
-47.5°	43.2	42.5	41.9	41.2	40.3	39.4	38.5	37.6	36.7	35.8	34.8
-48.75°	42.1	41.5	40.8	40.0	39.1	38.3	37.4	36.5	35.6	34.7	33.6
-50°	41.0	40.3	39.5	38.7	37.9	37.1	36.3	35.4	34.5	33.4	32.1
-51.25°	39.7	39.0	38.2	37.5	36.7	35.9	35.1	34.3	33.1	31.9	30.7
-52.5°	38.4	37.7	37.0	36.2	35.5	34.7	33.8	32.7	31.5	30.4	29.2
-53.75°	37.0	36.4	35.7	35.0	34.2	33.2	32.1	31.1	30.0	28.8	27.7
-55°	35.7	35.0	34.4	33.5	32.5	31.5	30.5	29.4	28.4	27.3	26.2
-56.25°	34.3	33.5	32.6	31.7	30.7	29.8	28.8	27.8	26.8	25.7	24.7
-57.5°	32.4	31.6	30.7	29.9	29.0	28.0	27.1	26.1	25.2	24.2	23.3
-58.75°	30.5	29.7	28.9	28.0	27.2	26.3	25.4	24.5	23.7	22.9	22.0
-60°	28.5	27.8	27.0	26.2	25.4	24.5	23.8	23.0	22.3	21.5	20.7
-61.25°	26.6	25.9	25.1	24.4	23.7	23.0	22.3	21.6	20.9	20.1	19.5
-62.5°	24.7	24.0	23.4	22.8	22.2	21.5	20.8	20.2	19.6	19.0	18.4
-63.75°	22.9	22.4	21.8	21.2	20.6	20.0	19.5	18.9	18.4	17.8	17.2
-65°	21.3	20.7	20.2	19.7	19.2	18.7	18.2	17.7	17.2	16.7	16.2
-66.25°	19.7	19.3	18.8	18.4	17.9	17.5	17.0	16.5	16.1	15.7	15.3
-67.5°	18.3	17.9	17.5	17.0	16.6	16.3	15.9	15.6	15.2	14.8	14.4
-68.75°	16.9	16.5	16.2	15.9	15.6	15.3	14.9	14.6	14.2	13.9	13.7
-70°	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.8	13.6	13.4	13.3
-71.25°	14.6	14.3	14.0	13.9	13.7	13.6	13.4	13.3	13.1	13.0	12.8
-72.5°	13.7	13.6	13.5	13.3	13.2	13.1	12.9	12.8	12.6	12.4	12.2
-73.75°	13.1	13.0	12.9	12.8	12.7	12.5	12.3	12.1	11.9	11.7	11.5
-75°	12.5	12.4	12.2	12.1	11.9	11.7	11.5	11.3	11.2	11.0	10.8
-76.25°	11.7	11.5	11.4	11.2	11.1	10.9	10.7	10.6	10.4	10.1	9.9
-77.5°	10.8	10.7	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.2	8.9



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.6	8.4	8.2	8.0
-80°	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.5	7.4	7.2	7.0
-81.25°	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1
-82.5°	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.2	5.1
-83.75°	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.2	4.1
-85°	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.3	3.2
-86.25°	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.2
-87.5°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
-88.75°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5
87.5°	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0
86.25°	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
85°	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1
83.75°	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	2.9	2.8
82.5°	5.0	4.8	4.7	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.5
81.25°	5.9	5.7	5.6	5.4	5.3	5.1	4.9	4.7	4.6	4.4	4.2
80°	6.8	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9
78.75°	7.8	7.6	7.4	7.2	6.9	6.7	6.5	6.3	6.0	5.8	5.6
77.5°	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.3
76.25°	9.6	9.4	9.1	8.9	8.6	8.3	8.1	7.8	7.5	7.2	6.9
75°	10.6	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.6
73.75°	11.3	11.0	10.8	10.6	10.3	10.0	9.6	9.3	9.0	8.6	8.3
72.5°	11.9	11.7	11.5	11.2	11.0	10.7	10.4	10.1	9.7	9.4	9.0
71.25°	12.6	12.4	12.1	11.8	11.6	11.3	11.0	10.7	10.4	10.1	9.7
70°	13.1	12.9	12.7	12.5	12.2	11.9	11.6	11.3	11.0	10.7	10.3
68.75°	13.5	13.3	13.1	12.9	12.7	12.5	12.2	11.9	11.5	11.2	10.9
67.5°	14.0	13.8	13.6	13.4	13.1	12.9	12.7	12.4	12.1	11.7	11.4
66.25°	14.9	14.4	14.0	13.8	13.5	13.3	13.1	12.8	12.6	12.2	11.9
65°	15.8	15.3	14.9	14.4	13.9	13.7	13.5	13.2	12.9	12.7	12.3
63.75°	16.7	16.2	15.7	15.2	14.7	14.2	13.8	13.6	13.3	13.0	12.8
62.5°	17.7	17.1	16.5	16.0	15.5	14.9	14.4	13.9	13.6	13.4	13.1
61.25°	18.8	18.2	17.5	16.8	16.3	15.7	15.1	14.6	14.0	13.7	13.4
60°	19.9	19.2	18.5	17.8	17.1	16.5	15.9	15.3	14.7	14.0	13.7
58.75°	21.2	20.3	19.6	18.8	18.1	17.3	16.6	16.0	15.3	14.7	14.0
57.5°	22.5	21.6	20.6	19.8	19.0	18.2	17.4	16.7	16.0	15.3	14.7
56.25°	23.7	22.8	21.9	20.9	20.0	19.2	18.3	17.5	16.7	16.0	15.3
55°	25.1	24.0	23.0	22.0	21.0	20.1	19.2	18.3	17.4	16.6	15.9
53.75°	26.5	25.4	24.2	23.2	22.1	21.1	20.1	19.2	18.2	17.3	16.5
52.5°	28.0	26.8	25.5	24.3	23.2	22.1	21.0	20.0	19.0	18.1	17.1
51.25°	29.4	28.2	26.9	25.6	24.3	23.2	22.0	20.9	19.8	18.8	17.8
50°	30.8	29.5	28.2	26.9	25.5	24.2	23.0	21.9	20.6	19.6	18.5
48.75°	32.2	30.9	29.5	28.2	26.8	25.4	24.0	22.8	21.6	20.3	19.2
47.5°	33.6	32.2	30.8	29.4	28.0	26.5	25.1	23.7	22.5	21.2	19.9
46.25°	34.8	33.6	32.1	30.7	29.2	27.7	26.2	24.7	23.3	22.0	20.7
45°	35.8	34.7	33.4	31.9	30.4	28.8	27.3	25.7	24.2	22.9	21.5
43.75°	36.7	35.6	34.5	33.1	31.5	30.0	28.4	26.8	25.2	23.7	22.3
42.5°	37.6	36.5	35.4	34.3	32.7	31.1	29.4	27.8	26.1	24.5	23.0
41.25°	38.5	37.4	36.3	35.1	33.8	32.1	30.5	28.8	27.1	25.4	23.8
40°	39.4	38.3	37.1	35.9	34.7	33.2	31.5	29.8	28.0	26.3	24.5
38.75°	40.3	39.1	37.9	36.7	35.5	34.2	32.5	30.7	29.0	27.2	25.4
37.5°	41.2	40.0	38.7	37.5	36.2	35.0	33.5	31.7	29.9	28.0	26.2
36.25°	41.9	40.8	39.5	38.2	37.0	35.7	34.4	32.6	30.7	28.9	27.0
35°	42.5	41.5	40.3	39.0	37.7	36.4	35.0	33.5	31.6	29.7	27.8



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	43.2	42.1	41.0	39.7	38.4	37.0	35.7	34.3	32.4	30.5	28.5
32.5°	43.8	42.7	41.7	40.4	39.0	37.7	36.3	34.9	33.2	31.3	29.3
31.25°	44.3	43.3	42.2	41.1	39.7	38.3	36.9	35.5	34.0	32.0	30.0
30°	44.8	43.9	42.8	41.7	40.3	38.9	37.5	36.1	34.6	32.7	30.7
28.75°	45.2	44.4	43.3	42.2	41.0	39.5	38.1	36.6	35.1	33.4	31.4
27.5°	45.6	44.8	43.8	42.7	41.5	40.1	38.6	37.1	35.6	34.1	32.0
26.25°	46.0	45.2	44.3	43.1	42.0	40.6	39.1	37.6	36.1	34.6	32.6
25°	46.4	45.5	44.6	43.6	42.4	41.2	39.6	38.1	36.6	35.1	33.2
23.75°	46.8	45.9	45.0	44.0	42.8	41.6	40.1	38.6	37.0	35.5	33.8
22.5°	47.1	46.2	45.3	44.4	43.2	42.0	40.6	39.0	37.5	35.9	34.3
21.25°	47.4	46.5	45.6	44.7	43.6	42.4	41.0	39.5	37.9	36.3	34.7
20°	47.7	46.8	45.9	45.0	44.0	42.7	41.4	39.9	38.3	36.6	35.0
18.75°	48.0	47.1	46.2	45.2	44.3	43.0	41.7	40.2	38.6	37.0	35.4
17.5°	48.3	47.4	46.4	45.5	44.5	43.3	42.0	40.6	39.0	37.3	35.7
16.25°	48.4	47.6	46.7	45.7	44.7	43.6	42.3	40.9	39.3	37.6	36.0
15°	48.6	47.8	46.9	45.9	45.0	43.9	42.6	41.2	39.6	37.9	36.2
13.75°	48.8	48.1	47.1	46.2	45.2	44.1	42.8	41.5	39.8	38.2	36.5
12.5°	48.9	48.2	47.3	46.3	45.3	44.3	43.0	41.7	40.1	38.4	36.7
11.25°	49.0	48.4	47.5	46.5	45.5	44.5	43.2	41.9	40.3	38.6	36.9
10°	49.2	48.5	47.6	46.6	45.6	44.6	43.4	42.1	40.5	38.8	37.1
8.75°	49.3	48.6	47.8	46.8	45.8	44.7	43.6	42.2	40.7	39.0	37.3
7.5°	49.3	48.7	47.9	46.9	45.9	44.8	43.7	42.3	40.9	39.1	37.4
6.25°	49.4	48.7	48.0	47.0	46.0	44.9	43.8	42.4	41.0	39.3	37.5
5°	49.5	48.8	48.1	47.1	46.1	45.0	43.9	42.5	41.1	39.4	37.6
3.75°	49.5	48.8	48.1	47.1	46.1	45.1	44.0	42.6	41.2	39.4	37.7
2.5°	49.6	48.9	48.2	47.2	46.2	45.1	44.1	42.7	41.3	39.5	37.8
1.25°	49.6	48.9	48.2	47.2	46.2	45.1	44.1	42.7	41.3	39.5	37.8
0°	49.6	48.9	48.2	47.2	46.2	45.2	44.1	42.7	41.3	39.6	37.8
-1.25°	49.6	48.9	48.2	47.2	46.2	45.1	44.1	42.7	41.3	39.5	37.8
-2.5°	49.6	48.9	48.2	47.2	46.2	45.1	44.1	42.7	41.3	39.5	37.8
-3.75°	49.5	48.8	48.1	47.1	46.1	45.1	44.0	42.6	41.2	39.4	37.7
-5°	49.5	48.8	48.1	47.1	46.1	45.0	43.9	42.5	41.1	39.4	37.6
-6.25°	49.4	48.7	48.0	47.0	46.0	44.9	43.8	42.4	41.0	39.3	37.5
-7.5°	49.3	48.7	47.9	46.9	45.9	44.8	43.7	42.3	40.9	39.1	37.4
-8.75°	49.3	48.6	47.8	46.8	45.8	44.7	43.6	42.2	40.7	39.0	37.3
-10°	49.2	48.5	47.6	46.6	45.6	44.6	43.4	42.1	40.5	38.8	37.1
-11.25°	49.0	48.4	47.5	46.5	45.5	44.5	43.2	41.9	40.3	38.6	36.9
-12.5°	48.9	48.2	47.3	46.3	45.3	44.3	43.0	41.7	40.1	38.4	36.7
-13.75°	48.8	48.1	47.1	46.2	45.2	44.1	42.8	41.5	39.8	38.2	36.5
-15°	48.6	47.8	46.9	45.9	45.0	43.9	42.6	41.2	39.6	37.9	36.2
-16.25°	48.4	47.6	46.7	45.7	44.7	43.6	42.3	40.9	39.3	37.6	36.0
-17.5°	48.3	47.4	46.4	45.5	44.5	43.3	42.0	40.6	39.0	37.3	35.7
-18.75°	48.0	47.1	46.2	45.2	44.3	43.0	41.7	40.2	38.6	37.0	35.4
-20°	47.7	46.8	45.9	45.0	44.0	42.7	41.4	39.9	38.3	36.6	35.0
-21.25°	47.4	46.5	45.6	44.7	43.6	42.4	41.0	39.5	37.9	36.3	34.7





REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	47.1	46.2	45.3	44.4	43.2	42.0	40.6	39.0	37.5	35.9	34.3
-23.75°	46.8	45.9	45.0	44.0	42.8	41.6	40.1	38.6	37.0	35.5	33.8
-25°	46.4	45.5	44.6	43.6	42.4	41.2	39.6	38.1	36.6	35.1	33.2
-26.25°	46.0	45.2	44.3	43.1	42.0	40.6	39.1	37.6	36.1	34.6	32.6
-27.5°	45.6	44.8	43.8	42.7	41.5	40.1	38.6	37.1	35.6	34.1	32.0
-28.75°	45.2	44.4	43.3	42.2	41.0	39.5	38.1	36.6	35.1	33.4	31.4
-30°	44.8	43.9	42.8	41.7	40.3	38.9	37.5	36.1	34.6	32.7	30.7
-31.25°	44.3	43.3	42.2	41.1	39.7	38.3	36.9	35.5	34.0	32.0	30.0
-32.5°	43.8	42.7	41.7	40.4	39.0	37.7	36.3	34.9	33.2	31.3	29.3
-33.75°	43.2	42.1	41.0	39.7	38.4	37.0	35.7	34.3	32.4	30.5	28.5
-35°	42.5	41.5	40.3	39.0	37.7	36.4	35.0	33.5	31.6	29.7	27.8
-36.25°	41.9	40.8	39.5	38.2	37.0	35.7	34.4	32.6	30.7	28.9	27.0
-37.5°	41.2	40.0	38.7	37.5	36.2	35.0	33.5	31.7	29.9	28.0	26.2
-38.75°	40.3	39.1	37.9	36.7	35.5	34.2	32.5	30.7	29.0	27.2	25.4
-40°	39.4	38.3	37.1	35.9	34.7	33.2	31.5	29.8	28.0	26.3	24.5
-41.25°	38.5	37.4	36.3	35.1	33.8	32.1	30.5	28.8	27.1	25.4	23.8
-42.5°	37.6	36.5	35.4	34.3	32.7	31.1	29.4	27.8	26.1	24.5	23.0
-43.75°	36.7	35.6	34.5	33.1	31.5	30.0	28.4	26.8	25.2	23.7	22.3
-45°	35.8	34.7	33.4	31.9	30.4	28.8	27.3	25.7	24.2	22.9	21.5
-46.25°	34.8	33.6	32.1	30.7	29.2	27.7	26.2	24.7	23.3	22.0	20.7
-47.5°	33.6	32.2	30.8	29.4	28.0	26.5	25.1	23.7	22.5	21.2	19.9
-48.75°	32.2	30.9	29.5	28.2	26.8	25.4	24.0	22.8	21.6	20.3	19.2
-50°	30.8	29.5	28.2	26.9	25.5	24.2	23.0	21.9	20.6	19.6	18.5
-51.25°	29.4	28.2	26.9	25.6	24.3	23.2	22.0	20.9	19.8	18.8	17.8
-52.5°	28.0	26.8	25.5	24.3	23.2	22.1	21.0	20.0	19.0	18.1	17.1
-53.75°	26.5	25.4	24.2	23.2	22.1	21.1	20.1	19.2	18.2	17.3	16.5
-55°	25.1	24.0	23.0	22.0	21.0	20.1	19.2	18.3	17.4	16.6	15.9
-56.25°	23.7	22.8	21.9	20.9	20.0	19.2	18.3	17.5	16.7	16.0	15.3
-57.5°	22.5	21.6	20.6	19.8	19.0	18.2	17.4	16.7	16.0	15.3	14.7
-58.75°	21.2	20.3	19.6	18.8	18.1	17.3	16.6	16.0	15.3	14.7	14.0
-60°	19.9	19.2	18.5	17.8	17.1	16.5	15.9	15.3	14.7	14.0	13.7
-61.25°	18.8	18.2	17.5	16.8	16.3	15.7	15.1	14.6	14.0	13.7	13.4
-62.5°	17.7	17.1	16.5	16.0	15.5	14.9	14.4	13.9	13.6	13.4	13.1
-63.75°	16.7	16.2	15.7	15.2	14.7	14.2	13.8	13.6	13.3	13.0	12.8
-65°	15.8	15.3	14.9	14.4	13.9	13.7	13.5	13.2	12.9	12.7	12.3
-66.25°	14.9	14.4	14.0	13.8	13.5	13.3	13.1	12.8	12.6	12.2	11.9
-67.5°	14.0	13.8	13.6	13.4	13.1	12.9	12.7	12.4	12.1	11.7	11.4
-68.75°	13.5	13.3	13.1	12.9	12.7	12.5	12.2	11.9	11.5	11.2	10.9
-70°	13.1	12.9	12.7	12.5	12.2	11.9	11.6	11.3	11.0	10.7	10.3
-71.25°	12.6	12.4	12.1	11.8	11.6	11.3	11.0	10.7	10.4	10.1	9.7
-72.5°	11.9	11.7	11.5	11.2	11.0	10.7	10.4	10.1	9.7	9.4	9.0
-73.75°	11.3	11.0	10.8	10.6	10.3	10.0	9.6	9.3	9.0	8.6	8.3
-75°	10.6	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.6
-76.25°	9.6	9.4	9.1	8.9	8.6	8.3	8.1	7.8	7.5	7.2	6.9
-77.5°	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.3



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	7.8	7.6	7.4	7.2	6.9	6.7	6.5	6.3	6.0	5.8	5.6
-80°	6.8	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9
-81.25°	5.9	5.7	5.6	5.4	5.3	5.1	4.9	4.7	4.6	4.4	4.2
-82.5°	5.0	4.8	4.7	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.5
-83.75°	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	2.9	2.8
-85°	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1
-86.25°	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
-87.5°	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0
-88.75°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	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: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6
86.25°	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.9
85°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
83.75°	2.7	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5
82.5°	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.9	1.8
81.25°	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0
80°	4.7	4.5	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.7	2.4
78.75°	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.1	2.8
77.5°	6.0	5.7	5.5	5.2	4.9	4.6	4.3	4.1	3.8	3.5	3.2
76.25°	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.2	3.9	3.6
75°	7.3	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.6	4.3	4.0
73.75°	8.0	7.6	7.3	6.9	6.5	6.2	5.8	5.5	5.1	4.7	4.3
72.5°	8.6	8.2	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
71.25°	9.3	8.9	8.5	8.0	7.6	7.2	6.8	6.4	5.9	5.5	5.1
70°	9.9	9.5	9.0	8.6	8.2	7.7	7.3	6.8	6.4	5.9	5.5
68.75°	10.5	10.1	9.6	9.2	8.7	8.2	7.8	7.3	6.8	6.3	5.8
67.5°	11.0	10.6	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.2
66.25°	11.5	11.1	10.7	10.3	9.8	9.2	8.7	8.2	7.6	7.1	6.5
65°	12.0	11.6	11.1	10.7	10.3	9.7	9.2	8.6	8.0	7.5	6.9
63.75°	12.4	12.0	11.6	11.1	10.7	10.2	9.6	9.0	8.5	7.9	7.3
62.5°	12.8	12.4	12.0	11.6	11.1	10.6	10.1	9.5	8.9	8.2	7.6
61.25°	13.1	12.8	12.4	12.0	11.5	11.0	10.5	9.9	9.3	8.6	8.0
60°	13.4	13.1	12.8	12.3	11.9	11.4	10.9	10.3	9.7	9.0	8.3
58.75°	13.7	13.4	13.0	12.7	12.2	11.7	11.2	10.7	10.1	9.4	8.6
57.5°	14.0	13.6	13.3	12.9	12.6	12.1	11.5	11.0	10.4	9.7	9.0
56.25°	14.6	13.9	13.6	13.2	12.8	12.4	11.9	11.3	10.7	10.1	9.3
55°	15.1	14.4	13.8	13.5	13.1	12.7	12.2	11.6	11.0	10.4	9.6
53.75°	15.7	14.9	14.2	13.7	13.3	12.9	12.5	11.9	11.3	10.7	10.0
52.5°	16.3	15.5	14.7	13.9	13.5	13.1	12.7	12.2	11.6	11.0	10.3
51.25°	16.8	16.0	15.2	14.4	13.8	13.4	12.9	12.5	11.8	11.2	10.6
50°	17.5	16.5	15.7	14.9	14.0	13.6	13.1	12.7	12.1	11.5	10.8
48.75°	18.2	17.1	16.2	15.3	14.4	13.8	13.3	12.9	12.4	11.7	11.0
47.5°	18.8	17.7	16.7	15.8	14.9	14.0	13.5	13.1	12.6	11.9	11.3
46.25°	19.5	18.4	17.2	16.2	15.3	14.4	13.7	13.3	12.8	12.2	11.5
45°	20.1	19.0	17.8	16.7	15.7	14.8	13.9	13.4	13.0	12.4	11.7
43.75°	20.9	19.6	18.4	17.2	16.1	15.2	14.2	13.6	13.1	12.6	11.9
42.5°	21.6	20.2	18.9	17.7	16.5	15.6	14.6	13.8	13.3	12.8	12.1
41.25°	22.3	20.8	19.5	18.2	17.0	15.9	14.9	13.9	13.4	12.9	12.3
40°	23.0	21.5	20.0	18.7	17.5	16.3	15.3	14.2	13.6	13.1	12.5
38.75°	23.7	22.2	20.6	19.2	17.9	16.6	15.6	14.5	13.7	13.2	12.7
37.5°	24.4	22.8	21.2	19.7	18.4	17.0	15.9	14.8	13.9	13.3	12.8
36.25°	25.1	23.4	21.8	20.2	18.8	17.5	16.2	15.1	14.0	13.5	12.9
35°	25.9	24.0	22.4	20.7	19.3	17.9	16.5	15.4	14.3	13.6	13.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	26.6	24.7	22.9	21.3	19.7	18.3	16.9	15.7	14.6	13.7	13.1
32.5°	27.3	25.3	23.5	21.8	20.1	18.7	17.2	16.0	14.8	13.8	13.2
31.25°	28.0	26.0	24.0	22.3	20.5	19.0	17.6	16.2	15.1	13.9	13.4
30°	28.6	26.6	24.5	22.8	21.0	19.4	17.9	16.5	15.3	14.1	13.5
28.75°	29.3	27.2	25.1	23.2	21.4	19.7	18.2	16.7	15.5	14.3	13.6
27.5°	29.9	27.8	25.7	23.7	21.9	20.1	18.6	17.0	15.8	14.5	13.6
26.25°	30.5	28.4	26.2	24.1	22.3	20.4	18.9	17.3	16.0	14.7	13.7
25°	31.1	28.9	26.7	24.5	22.7	20.8	19.1	17.6	16.2	14.9	13.8
23.75°	31.6	29.4	27.2	25.0	23.0	21.1	19.4	17.8	16.4	15.1	13.9
22.5°	32.1	29.9	27.7	25.4	23.4	21.5	19.7	18.1	16.5	15.3	14.0
21.25°	32.6	30.4	28.1	25.9	23.7	21.8	19.9	18.3	16.7	15.4	14.1
20°	33.1	30.8	28.5	26.3	24.1	22.1	20.2	18.5	16.9	15.6	14.3
18.75°	33.5	31.2	28.9	26.6	24.4	22.4	20.4	18.8	17.1	15.7	14.4
17.5°	33.9	31.6	29.3	27.0	24.7	22.7	20.7	19.0	17.3	15.9	14.5
16.25°	34.3	32.0	29.6	27.3	25.0	22.9	20.9	19.1	17.5	16.0	14.7
15°	34.6	32.3	30.0	27.6	25.3	23.1	21.1	19.3	17.6	16.1	14.8
13.75°	34.8	32.6	30.3	27.9	25.5	23.4	21.3	19.5	17.8	16.2	14.9
12.5°	35.0	32.9	30.5	28.2	25.8	23.6	21.5	19.6	17.9	16.3	15.0
11.25°	35.2	33.2	30.8	28.4	26.0	23.7	21.7	19.7	18.0	16.4	15.0
10°	35.4	33.4	31.0	28.6	26.2	23.9	21.8	19.9	18.1	16.5	15.1
8.75°	35.5	33.6	31.2	28.8	26.4	24.0	22.0	20.0	18.2	16.6	15.2
7.5°	35.7	33.8	31.4	29.0	26.5	24.2	22.1	20.1	18.3	16.6	15.2
6.25°	35.8	34.0	31.5	29.1	26.7	24.3	22.2	20.1	18.4	16.7	15.3
5°	35.9	34.1	31.6	29.2	26.8	24.3	22.3	20.2	18.4	16.7	15.3
3.75°	36.0	34.2	31.7	29.3	26.8	24.4	22.3	20.2	18.5	16.8	15.4
2.5°	36.0	34.2	31.8	29.4	26.9	24.5	22.4	20.3	18.5	16.8	15.4
1.25°	36.0	34.3	31.8	29.4	26.9	24.5	22.4	20.3	18.5	16.8	15.4
0°	36.1	34.3	31.9	29.4	27.0	24.5	22.4	20.3	18.6	16.8	15.4
-1.25°	36.0	34.3	31.8	29.4	26.9	24.5	22.4	20.3	18.5	16.8	15.4
-2.5°	36.0	34.2	31.8	29.4	26.9	24.5	22.4	20.3	18.5	16.8	15.4
-3.75°	36.0	34.2	31.7	29.3	26.8	24.4	22.3	20.2	18.5	16.8	15.4
-5°	35.9	34.1	31.6	29.2	26.8	24.3	22.3	20.2	18.4	16.7	15.3
-6.25°	35.8	34.0	31.5	29.1	26.7	24.3	22.2	20.1	18.4	16.7	15.3
-7.5°	35.7	33.8	31.4	29.0	26.5	24.2	22.1	20.1	18.3	16.6	15.2
-8.75°	35.5	33.6	31.2	28.8	26.4	24.0	22.0	20.0	18.2	16.6	15.2
-10°	35.4	33.4	31.0	28.6	26.2	23.9	21.8	19.9	18.1	16.5	15.1
-11.25°	35.2	33.2	30.8	28.4	26.0	23.7	21.7	19.7	18.0	16.4	15.0
-12.5°	35.0	32.9	30.5	28.2	25.8	23.6	21.5	19.6	17.9	16.3	15.0
-13.75°	34.8	32.6	30.3	27.9	25.5	23.4	21.3	19.5	17.8	16.2	14.9
-15°	34.6	32.3	30.0	27.6	25.3	23.1	21.1	19.3	17.6	16.1	14.8
-16.25°	34.3	32.0	29.6	27.3	25.0	22.9	20.9	19.1	17.5	16.0	14.7
-17.5°	33.9	31.6	29.3	27.0	24.7	22.7	20.7	19.0	17.3	15.9	14.5
-18.75°	33.5	31.2	28.9	26.6	24.4	22.4	20.4	18.8	17.1	15.7	14.4
-20°	33.1	30.8	28.5	26.3	24.1	22.1	20.2	18.5	16.9	15.6	14.3
-21.25°	32.6	30.4	28.1	25.9	23.7	21.8	19.9	18.3	16.7	15.4	14.1



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

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	32.1	29.9	27.7	25.4	23.4	21.5	19.7	18.1	16.5	15.3	14.0
-23.75°	31.6	29.4	27.2	25.0	23.0	21.1	19.4	17.8	16.4	15.1	13.9
-25°	31.1	28.9	26.7	24.5	22.7	20.8	19.1	17.6	16.2	14.9	13.8
-26.25°	30.5	28.4	26.2	24.1	22.3	20.4	18.9	17.3	16.0	14.7	13.7
-27.5°	29.9	27.8	25.7	23.7	21.9	20.1	18.6	17.0	15.8	14.5	13.6
-28.75°	29.3	27.2	25.1	23.2	21.4	19.7	18.2	16.7	15.5	14.3	13.6
-30°	28.6	26.6	24.5	22.8	21.0	19.4	17.9	16.5	15.3	14.1	13.5
-31.25°	28.0	26.0	24.0	22.3	20.5	19.0	17.6	16.2	15.1	13.9	13.4
-32.5°	27.3	25.3	23.5	21.8	20.1	18.7	17.2	16.0	14.8	13.8	13.2
-33.75°	26.6	24.7	22.9	21.3	19.7	18.3	16.9	15.7	14.6	13.7	13.1
-35°	25.9	24.0	22.4	20.7	19.3	17.9	16.5	15.4	14.3	13.6	13.0
-36.25°	25.1	23.4	21.8	20.2	18.8	17.5	16.2	15.1	14.0	13.5	12.9
-37.5°	24.4	22.8	21.2	19.7	18.4	17.0	15.9	14.8	13.9	13.3	12.8
-38.75°	23.7	22.2	20.6	19.2	17.9	16.6	15.6	14.5	13.7	13.2	12.7
-40°	23.0	21.5	20.0	18.7	17.5	16.3	15.3	14.2	13.6	13.1	12.5
-41.25°	22.3	20.8	19.5	18.2	17.0	15.9	14.9	13.9	13.4	12.9	12.3
-42.5°	21.6	20.2	18.9	17.7	16.5	15.6	14.6	13.8	13.3	12.8	12.1
-43.75°	20.9	19.6	18.4	17.2	16.1	15.2	14.2	13.6	13.1	12.6	11.9
-45°	20.1	19.0	17.8	16.7	15.7	14.8	13.9	13.4	13.0	12.4	11.7
-46.25°	19.5	18.4	17.2	16.2	15.3	14.4	13.7	13.3	12.8	12.2	11.5
-47.5°	18.8	17.7	16.7	15.8	14.9	14.0	13.5	13.1	12.6	11.9	11.3
-48.75°	18.2	17.1	16.2	15.3	14.4	13.8	13.3	12.9	12.4	11.7	11.0
-50°	17.5	16.5	15.7	14.9	14.0	13.6	13.1	12.7	12.1	11.5	10.8
-51.25°	16.8	16.0	15.2	14.4	13.8	13.4	12.9	12.5	11.8	11.2	10.6
-52.5°	16.3	15.5	14.7	13.9	13.5	13.1	12.7	12.2	11.6	11.0	10.3
-53.75°	15.7	14.9	14.2	13.7	13.3	12.9	12.5	11.9	11.3	10.7	10.0
-55°	15.1	14.4	13.8	13.5	13.1	12.7	12.2	11.6	11.0	10.4	9.6
-56.25°	14.6	13.9	13.6	13.2	12.8	12.4	11.9	11.3	10.7	10.1	9.3
-57.5°	14.0	13.6	13.3	12.9	12.6	12.1	11.5	11.0	10.4	9.7	9.0
-58.75°	13.7	13.4	13.0	12.7	12.2	11.7	11.2	10.7	10.1	9.4	8.6
-60°	13.4	13.1	12.8	12.3	11.9	11.4	10.9	10.3	9.7	9.0	8.3
-61.25°	13.1	12.8	12.4	12.0	11.5	11.0	10.5	9.9	9.3	8.6	8.0
-62.5°	12.8	12.4	12.0	11.6	11.1	10.6	10.1	9.5	8.9	8.2	7.6
-63.75°	12.4	12.0	11.6	11.1	10.7	10.2	9.6	9.0	8.5	7.9	7.3
-65°	12.0	11.6	11.1	10.7	10.3	9.7	9.2	8.6	8.0	7.5	6.9
-66.25°	11.5	11.1	10.7	10.3	9.8	9.2	8.7	8.2	7.6	7.1	6.5
-67.5°	11.0	10.6	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.2
-68.75°	10.5	10.1	9.6	9.2	8.7	8.2	7.8	7.3	6.8	6.3	5.8
-70°	9.9	9.5	9.0	8.6	8.2	7.7	7.3	6.8	6.4	5.9	5.5
-71.25°	9.3	8.9	8.5	8.0	7.6	7.2	6.8	6.4	5.9	5.5	5.1
-72.5°	8.6	8.2	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
-73.75°	8.0	7.6	7.3	6.9	6.5	6.2	5.8	5.5	5.1	4.7	4.3
-75°	7.3	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.6	4.3	4.0
-76.25°	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.2	3.9	3.6
-77.5°	6.0	5.7	5.5	5.2	4.9	4.6	4.3	4.1	3.8	3.5	3.2



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.1	2.8
-80°	4.7	4.5	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.7	2.4
-81.25°	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0
-82.5°	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.9	1.8
-83.75°	2.7	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5
-85°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
-86.25°	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.9
-87.5°	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6
-88.75°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
87.5°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
86.25°	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
85°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
83.75°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
82.5°	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.4	0.3
81.25°	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
80°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
78.75°	2.5	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
77.5°	2.9	2.6	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
76.25°	3.3	2.9	2.6	2.3	2.0	1.7	1.5	1.2	1.0	0.7	0.5
75°	3.6	3.3	2.9	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
73.75°	4.0	3.6	3.2	2.8	2.4	2.0	1.8	1.5	1.2	0.9	0.6
72.5°	4.3	3.9	3.5	3.1	2.7	2.2	1.9	1.6	1.3	0.9	0.6
71.25°	4.6	4.2	3.8	3.3	2.9	2.4	2.0	1.7	1.3	1.0	0.7
70°	5.0	4.5	4.1	3.6	3.1	2.6	2.2	1.8	1.4	1.1	0.7
68.75°	5.3	4.8	4.3	3.8	3.3	2.8	2.3	1.9	1.5	1.1	0.8
67.5°	5.7	5.1	4.6	4.1	3.6	3.0	2.5	2.0	1.6	1.2	0.8
66.25°	6.0	5.5	4.9	4.3	3.8	3.2	2.7	2.1	1.7	1.3	0.8
65°	6.3	5.8	5.2	4.6	4.0	3.4	2.8	2.3	1.8	1.3	0.9
63.75°	6.7	6.1	5.5	4.8	4.2	3.6	3.0	2.4	1.9	1.4	0.9
62.5°	7.0	6.4	5.7	5.1	4.5	3.8	3.2	2.5	1.9	1.5	1.0
61.25°	7.3	6.7	6.0	5.3	4.7	4.0	3.3	2.7	2.0	1.5	1.0
60°	7.6	6.9	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.6	1.0
58.75°	7.9	7.2	6.5	5.8	5.1	4.4	3.6	2.9	2.2	1.6	1.1
57.5°	8.3	7.5	6.8	6.0	5.3	4.6	3.8	3.1	2.3	1.7	1.1
56.25°	8.6	7.8	7.0	6.3	5.5	4.7	4.0	3.2	2.4	1.7	1.2
55°	8.9	8.1	7.3	6.5	5.7	4.9	4.1	3.3	2.5	1.8	1.2
53.75°	9.2	8.3	7.5	6.7	5.9	5.1	4.3	3.4	2.6	1.9	1.2
52.5°	9.5	8.6	7.8	6.9	6.1	5.3	4.4	3.6	2.7	1.9	1.3
51.25°	9.7	8.9	8.0	7.2	6.3	5.4	4.5	3.7	2.8	2.0	1.3
50°	10.0	9.1	8.3	7.4	6.5	5.6	4.7	3.8	2.9	2.0	1.3
48.75°	10.3	9.4	8.5	7.6	6.7	5.7	4.8	3.9	3.0	2.1	1.4
47.5°	10.6	9.6	8.7	7.8	6.8	5.9	5.0	4.0	3.1	2.1	1.4
46.25°	10.8	9.9	8.9	8.0	7.0	6.1	5.1	4.1	3.2	2.2	1.5
45°	11.0	10.1	9.2	8.2	7.2	6.2	5.2	4.2	3.3	2.3	1.5
43.75°	11.2	10.4	9.4	8.4	7.4	6.4	5.4	4.4	3.3	2.3	1.5
42.5°	11.3	10.6	9.6	8.6	7.5	6.5	5.5	4.5	3.4	2.4	1.5
41.25°	11.5	10.7	9.8	8.7	7.7	6.7	5.6	4.6	3.5	2.5	1.6
40°	11.7	10.9	10.0	8.9	7.9	6.8	5.7	4.7	3.6	2.5	1.6
38.75°	11.9	11.1	10.2	9.1	8.0	6.9	5.8	4.8	3.7	2.6	1.6
37.5°	12.1	11.2	10.4	9.3	8.2	7.1	6.0	4.8	3.7	2.6	1.7
36.25°	12.2	11.4	10.5	9.4	8.3	7.2	6.1	4.9	3.8	2.7	1.7
35°	12.4	11.5	10.7	9.6	8.5	7.3	6.2	5.0	3.9	2.7	1.7



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	12.5	11.7	10.8	9.8	8.6	7.4	6.3	5.1	4.0	2.8	1.7
32.5°	12.7	11.8	10.9	9.9	8.7	7.6	6.4	5.2	4.0	2.8	1.8
31.25°	12.8	11.9	11.1	10.1	8.9	7.7	6.5	5.3	4.1	2.9	1.8
30°	12.9	12.1	11.2	10.2	9.0	7.8	6.6	5.4	4.1	2.9	1.8
28.75°	12.9	12.2	11.3	10.3	9.1	7.9	6.7	5.4	4.2	3.0	1.8
27.5°	13.0	12.3	11.4	10.5	9.2	8.0	6.7	5.5	4.3	3.0	1.9
26.25°	13.1	12.4	11.5	10.6	9.3	8.1	6.8	5.6	4.3	3.1	1.9
25°	13.2	12.5	11.6	10.7	9.4	8.2	6.9	5.6	4.4	3.1	1.9
23.75°	13.3	12.6	11.7	10.7	9.5	8.3	7.0	5.7	4.4	3.1	1.9
22.5°	13.3	12.7	11.8	10.8	9.6	8.3	7.1	5.8	4.5	3.2	1.9
21.25°	13.4	12.8	11.9	10.9	9.7	8.4	7.1	5.8	4.5	3.2	2.0
20°	13.5	12.8	12.0	11.0	9.8	8.5	7.2	5.9	4.6	3.2	2.0
18.75°	13.5	12.9	12.0	11.0	9.9	8.6	7.3	5.9	4.6	3.3	2.0
17.5°	13.6	12.9	12.1	11.1	10.0	8.6	7.3	6.0	4.6	3.3	2.0
16.25°	13.7	13.0	12.2	11.2	10.0	8.7	7.4	6.0	4.7	3.3	2.0
15°	13.7	13.0	12.2	11.2	10.1	8.8	7.4	6.1	4.7	3.4	2.0
13.75°	13.8	13.1	12.3	11.3	10.2	8.8	7.5	6.1	4.7	3.4	2.0
12.5°	13.8	13.1	12.3	11.3	10.2	8.9	7.5	6.1	4.8	3.4	2.1
11.25°	13.8	13.1	12.4	11.4	10.3	8.9	7.5	6.2	4.8	3.4	2.1
10°	13.9	13.2	12.4	11.4	10.3	8.9	7.6	6.2	4.8	3.4	2.1
8.75°	13.9	13.2	12.5	11.4	10.4	9.0	7.6	6.2	4.8	3.5	2.1
7.5°	13.9	13.2	12.5	11.5	10.4	9.0	7.6	6.2	4.9	3.5	2.1
6.25°	13.9	13.3	12.5	11.5	10.4	9.0	7.6	6.3	4.9	3.5	2.1
5°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
3.75°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
2.5°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
1.25°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
0°	14.0	13.3	12.6	11.6	10.5	9.1	7.7	6.3	4.9	3.5	2.1
-1.25°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
-2.5°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
-3.75°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
-5°	14.0	13.3	12.6	11.5	10.5	9.1	7.7	6.3	4.9	3.5	2.1
-6.25°	13.9	13.3	12.5	11.5	10.4	9.0	7.6	6.3	4.9	3.5	2.1
-7.5°	13.9	13.2	12.5	11.5	10.4	9.0	7.6	6.2	4.9	3.5	2.1
-8.75°	13.9	13.2	12.5	11.4	10.4	9.0	7.6	6.2	4.8	3.5	2.1
-10°	13.9	13.2	12.4	11.4	10.3	8.9	7.6	6.2	4.8	3.4	2.1
-11.25°	13.8	13.1	12.4	11.4	10.3	8.9	7.5	6.2	4.8	3.4	2.1
-12.5°	13.8	13.1	12.3	11.3	10.2	8.9	7.5	6.1	4.8	3.4	2.1
-13.75°	13.8	13.1	12.3	11.3	10.2	8.8	7.5	6.1	4.7	3.4	2.0
-15°	13.7	13.0	12.2	11.2	10.1	8.8	7.4	6.1	4.7	3.4	2.0
-16.25°	13.7	13.0	12.2	11.2	10.0	8.7	7.4	6.0	4.7	3.3	2.0
-17.5°	13.6	12.9	12.1	11.1	10.0	8.6	7.3	6.0	4.6	3.3	2.0
-18.75°	13.5	12.9	12.0	11.0	9.9	8.6	7.3	5.9	4.6	3.3	2.0
-20°	13.5	12.8	12.0	11.0	9.8	8.5	7.2	5.9	4.6	3.2	2.0
-21.25°	13.4	12.8	11.9	10.9	9.7	8.4	7.1	5.8	4.5	3.2	2.0





REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	13.3	12.7	11.8	10.8	9.6	8.3	7.1	5.8	4.5	3.2	1.9
-23.75°	13.3	12.6	11.7	10.7	9.5	8.3	7.0	5.7	4.4	3.1	1.9
-25°	13.2	12.5	11.6	10.7	9.4	8.2	6.9	5.6	4.4	3.1	1.9
-26.25°	13.1	12.4	11.5	10.6	9.3	8.1	6.8	5.6	4.3	3.1	1.9
-27.5°	13.0	12.3	11.4	10.5	9.2	8.0	6.7	5.5	4.3	3.0	1.9
-28.75°	12.9	12.2	11.3	10.3	9.1	7.9	6.7	5.4	4.2	3.0	1.8
-30°	12.9	12.1	11.2	10.2	9.0	7.8	6.6	5.4	4.1	2.9	1.8
-31.25°	12.8	11.9	11.1	10.1	8.9	7.7	6.5	5.3	4.1	2.9	1.8
-32.5°	12.7	11.8	10.9	9.9	8.7	7.6	6.4	5.2	4.0	2.8	1.8
-33.75°	12.5	11.7	10.8	9.8	8.6	7.4	6.3	5.1	4.0	2.8	1.7
-35°	12.4	11.5	10.7	9.6	8.5	7.3	6.2	5.0	3.9	2.7	1.7
-36.25°	12.2	11.4	10.5	9.4	8.3	7.2	6.1	4.9	3.8	2.7	1.7
-37.5°	12.1	11.2	10.4	9.3	8.2	7.1	6.0	4.8	3.7	2.6	1.7
-38.75°	11.9	11.1	10.2	9.1	8.0	6.9	5.8	4.8	3.7	2.6	1.6
-40°	11.7	10.9	10.0	8.9	7.9	6.8	5.7	4.7	3.6	2.5	1.6
-41.25°	11.5	10.7	9.8	8.7	7.7	6.7	5.6	4.6	3.5	2.5	1.6
-42.5°	11.3	10.6	9.6	8.6	7.5	6.5	5.5	4.5	3.4	2.4	1.5
-43.75°	11.2	10.4	9.4	8.4	7.4	6.4	5.4	4.4	3.3	2.3	1.5
-45°	11.0	10.1	9.2	8.2	7.2	6.2	5.2	4.2	3.3	2.3	1.5
-46.25°	10.8	9.9	8.9	8.0	7.0	6.1	5.1	4.1	3.2	2.2	1.5
-47.5°	10.6	9.6	8.7	7.8	6.8	5.9	5.0	4.0	3.1	2.1	1.4
-48.75°	10.3	9.4	8.5	7.6	6.7	5.7	4.8	3.9	3.0	2.1	1.4
-50°	10.0	9.1	8.3	7.4	6.5	5.6	4.7	3.8	2.9	2.0	1.3
-51.25°	9.7	8.9	8.0	7.2	6.3	5.4	4.5	3.7	2.8	2.0	1.3
-52.5°	9.5	8.6	7.8	6.9	6.1	5.3	4.4	3.6	2.7	1.9	1.3
-53.75°	9.2	8.3	7.5	6.7	5.9	5.1	4.3	3.4	2.6	1.9	1.2
-55°	8.9	8.1	7.3	6.5	5.7	4.9	4.1	3.3	2.5	1.8	1.2
-56.25°	8.6	7.8	7.0	6.3	5.5	4.7	4.0	3.2	2.4	1.7	1.2
-57.5°	8.3	7.5	6.8	6.0	5.3	4.6	3.8	3.1	2.3	1.7	1.1
-58.75°	7.9	7.2	6.5	5.8	5.1	4.4	3.6	2.9	2.2	1.6	1.1
-60°	7.6	6.9	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.6	1.0
-61.25°	7.3	6.7	6.0	5.3	4.7	4.0	3.3	2.7	2.0	1.5	1.0
-62.5°	7.0	6.4	5.7	5.1	4.5	3.8	3.2	2.5	1.9	1.5	1.0
-63.75°	6.7	6.1	5.5	4.8	4.2	3.6	3.0	2.4	1.9	1.4	0.9
-65°	6.3	5.8	5.2	4.6	4.0	3.4	2.8	2.3	1.8	1.3	0.9
-66.25°	6.0	5.5	4.9	4.3	3.8	3.2	2.7	2.1	1.7	1.3	0.8
-67.5°	5.7	5.1	4.6	4.1	3.6	3.0	2.5	2.0	1.6	1.2	0.8
-68.75°	5.3	4.8	4.3	3.8	3.3	2.8	2.3	1.9	1.5	1.1	0.8
-70°	5.0	4.5	4.1	3.6	3.1	2.6	2.2	1.8	1.4	1.1	0.7
-71.25°	4.6	4.2	3.8	3.3	2.9	2.4	2.0	1.7	1.3	1.0	0.7
-72.5°	4.3	3.9	3.5	3.1	2.7	2.2	1.9	1.6	1.3	0.9	0.6
-73.75°	4.0	3.6	3.2	2.8	2.4	2.0	1.8	1.5	1.2	0.9	0.6
-75°	3.6	3.3	2.9	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-76.25°	3.3	2.9	2.6	2.3	2.0	1.7	1.5	1.2	1.0	0.7	0.5
-77.5°	2.9	2.6	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	2.5	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-80°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-81.25°	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
-82.5°	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.4	0.3
-83.75°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
-85°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
-86.25°	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-87.5°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-88.75°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0.9	0.0
32.5°	0.9	0.0
31.25°	0.9	0.0
30°	0.9	0.0
28.75°	0.9	0.0
27.5°	0.9	0.0
26.25°	0.9	0.0
25°	1.0	0.0
23.75°	1.0	0.0
22.5°	1.0	0.0
21.25°	1.0	0.0
20°	1.0	0.0
18.75°	1.0	0.0
17.5°	1.0	0.0
16.25°	1.0	0.0
15°	1.0	0.0
13.75°	1.0	0.0
12.5°	1.0	0.0
11.25°	1.0	0.0
10°	1.0	0.0
8.75°	1.0	0.0
7.5°	1.0	0.0
6.25°	1.0	0.0
5°	1.0	0.0
3.75°	1.0	0.0
2.5°	1.0	0.0
1.25°	1.0	0.0
0°	1.0	0.0
-1.25°	1.0	0.0
-2.5°	1.0	0.0
-3.75°	1.0	0.0
-5°	1.0	0.0
-6.25°	1.0	0.0
-7.5°	1.0	0.0
-8.75°	1.0	0.0
-10°	1.0	0.0
-11.25°	1.0	0.0
-12.5°	1.0	0.0
-13.75°	1.0	0.0
-15°	1.0	0.0
-16.25°	1.0	0.0
-17.5°	1.0	0.0
-18.75°	1.0	0.0
-20°	1.0	0.0
-21.25°	1.0	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	1.0	0.0
-23.75°	1.0	0.0
-25°	1.0	0.0
-26.25°	0.9	0.0
-27.5°	0.9	0.0
-28.75°	0.9	0.0
-30°	0.9	0.0
-31.25°	0.9	0.0
-32.5°	0.9	0.0
-33.75°	0.9	0.0
-35°	0.9	0.0
-36.25°	0.8	0.0
-37.5°	0.8	0.0
-38.75°	0.8	0.0
-40°	0.8	0.0
-41.25°	0.8	0.0
-42.5°	0.8	0.0
-43.75°	0.8	0.0
-45°	0.7	0.0
-46.25°	0.7	0.0
-47.5°	0.7	0.0
-48.75°	0.7	0.0
-50°	0.7	0.0
-51.25°	0.7	0.0
-52.5°	0.6	0.0
-53.75°	0.6	0.0
-55°	0.6	0.0
-56.25°	0.6	0.0
-57.5°	0.6	0.0
-58.75°	0.5	0.0
-60°	0.5	0.0
-61.25°	0.5	0.0
-62.5°	0.5	0.0
-63.75°	0.5	0.0
-65°	0.4	0.0
-66.25°	0.4	0.0
-67.5°	0.4	0.0
-68.75°	0.4	0.0
-70°	0.4	0.0
-71.25°	0.3	0.0
-72.5°	0.3	0.0
-73.75°	0.3	0.0
-75°	0.3	0.0
-76.25°	0.2	0.0
-77.5°	0.2	0.0



REPORT NUMBER: P220480 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)