

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: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

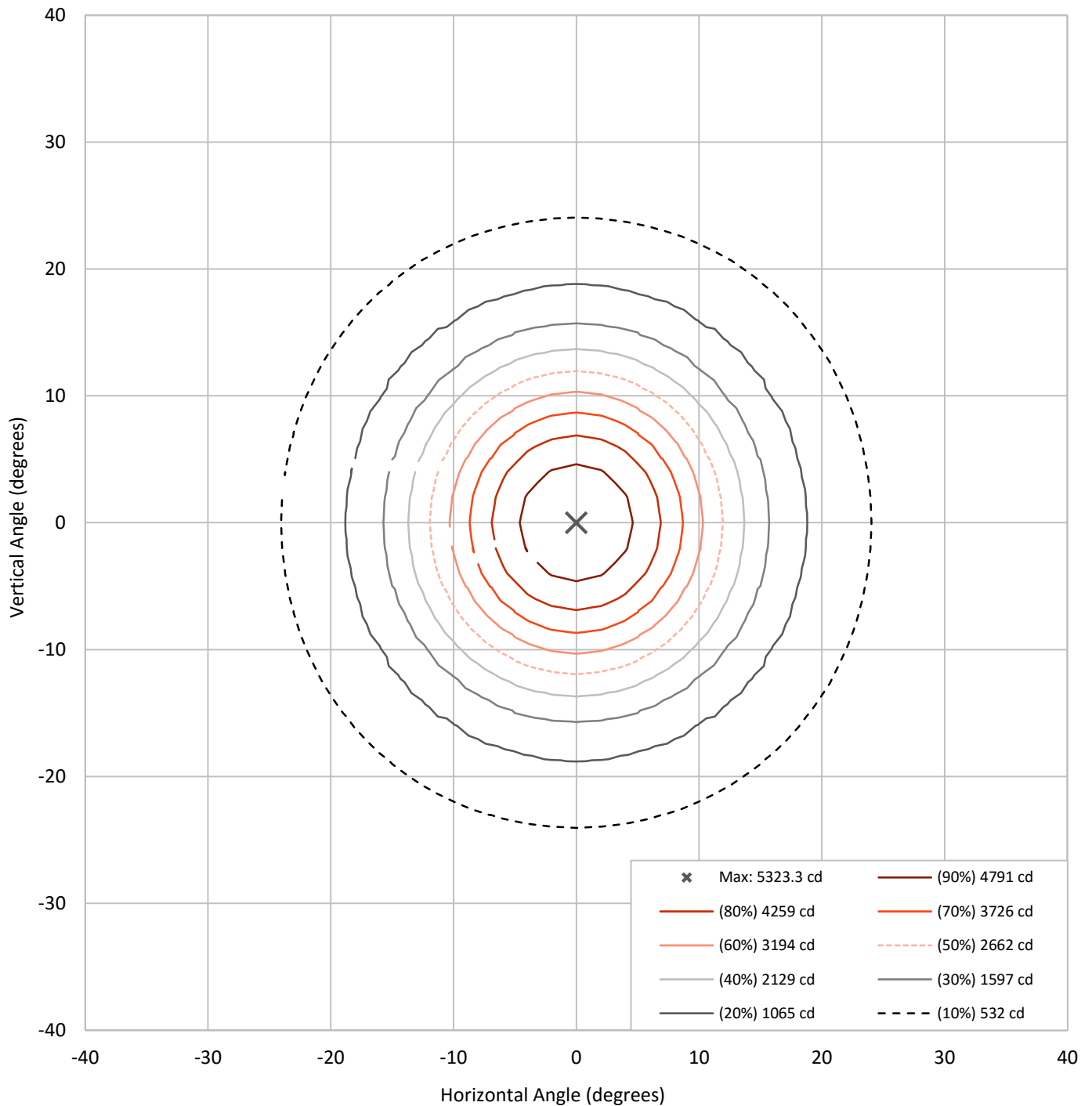
Test Method: LM-79-08  
Report Number: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 2700K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1303.7 lumens	Max Intensity:	5323.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.9°H x 23.9°V	Field Angle (10%):	48.1°H x 48.1°V
Beam Lumens:	520.1 lumens	Field Lumens:	1022.7 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (A <sub>in</sub> ):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





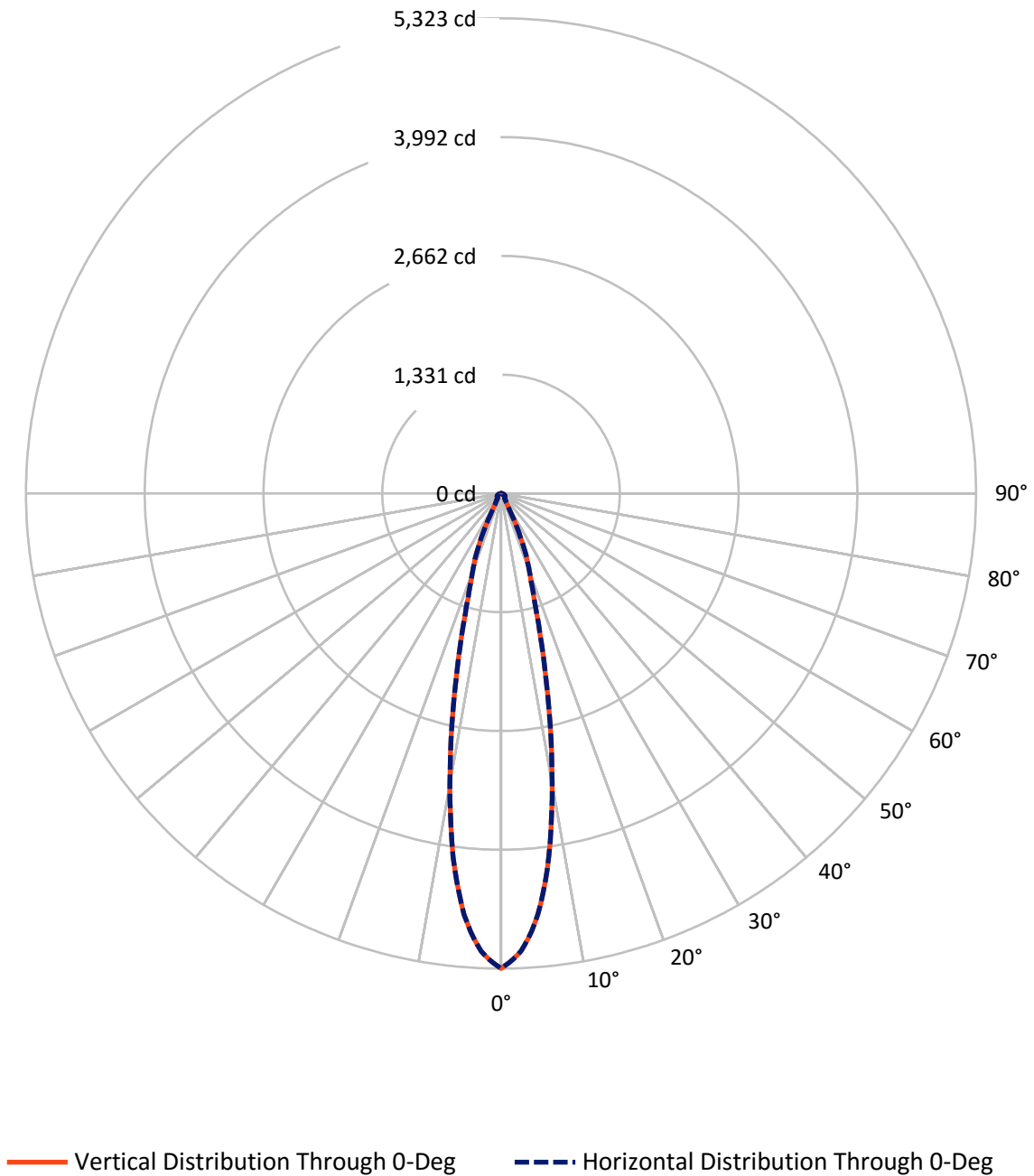
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### Lumen Table

90																
80	0.1	0.4		0.9		1.3		1.4		1.3		0.9		0.4		0.1
70																
60	0.2	0.2	0.3	0.4	0.6	0.8	1.0	1.1	1.1	1.0	0.8	0.6	0.4	0.3	0.2	0.2
50		0.2	0.4	0.7	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1	0.7	0.4	0.2	
40	0.3	0.3	0.6	1.0	1.3	1.6	1.7	1.8	1.8	1.7	1.6	1.3	1.0	0.6	0.3	0.3
30		0.3	0.7	1.1	1.4	1.7	2.0	2.4	2.4	2.0	1.7	1.4	1.1	0.7	0.3	
20	0.3	0.4	0.8	1.2	1.5	2.2	5.7	12.4	12.4	5.7	2.2	1.5	1.2	0.8	0.4	0.3
10		0.4	0.9	1.3	1.7	5.4	24.4	49.8	49.8	24.4	5.4	1.7	1.3	0.9	0.4	
0	0.3	0.5	0.9	1.3	2.0	11.4	48.5	119.7	119.7	48.5	11.4	2.0	1.3	0.9	0.5	0.3
-10		0.5	0.9	1.3	2.0	11.4	48.5	119.7	119.7	48.5	11.4	2.0	1.3	0.9	0.5	
-20	0.3	0.4	0.9	1.3	1.7	5.4	24.4	49.8	49.8	24.4	5.4	1.7	1.3	0.9	0.4	0.3
-30		0.4	0.8	1.2	1.5	2.2	5.7	12.4	12.4	5.7	2.2	1.5	1.2	0.8	0.4	
-40	0.3	0.3	0.7	1.1	1.4	1.7	2.0	2.4	2.4	2.0	1.7	1.4	1.1	0.7	0.3	0.3
-50		0.3	0.6	1.0	1.3	1.6	1.7	1.8	1.8	1.7	1.6	1.3	1.0	0.6	0.3	
-60	0.2	0.2	0.4	0.7	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1	0.7	0.4	0.2	0.2
-70		0.2	0.3	0.4	0.6	0.8	1.0	1.1	1.1	1.0	0.8	0.6	0.4	0.3	0.2	
-80																
-90	0.1	0.4		0.9		1.3		1.4		1.3		0.9		0.4		0.1

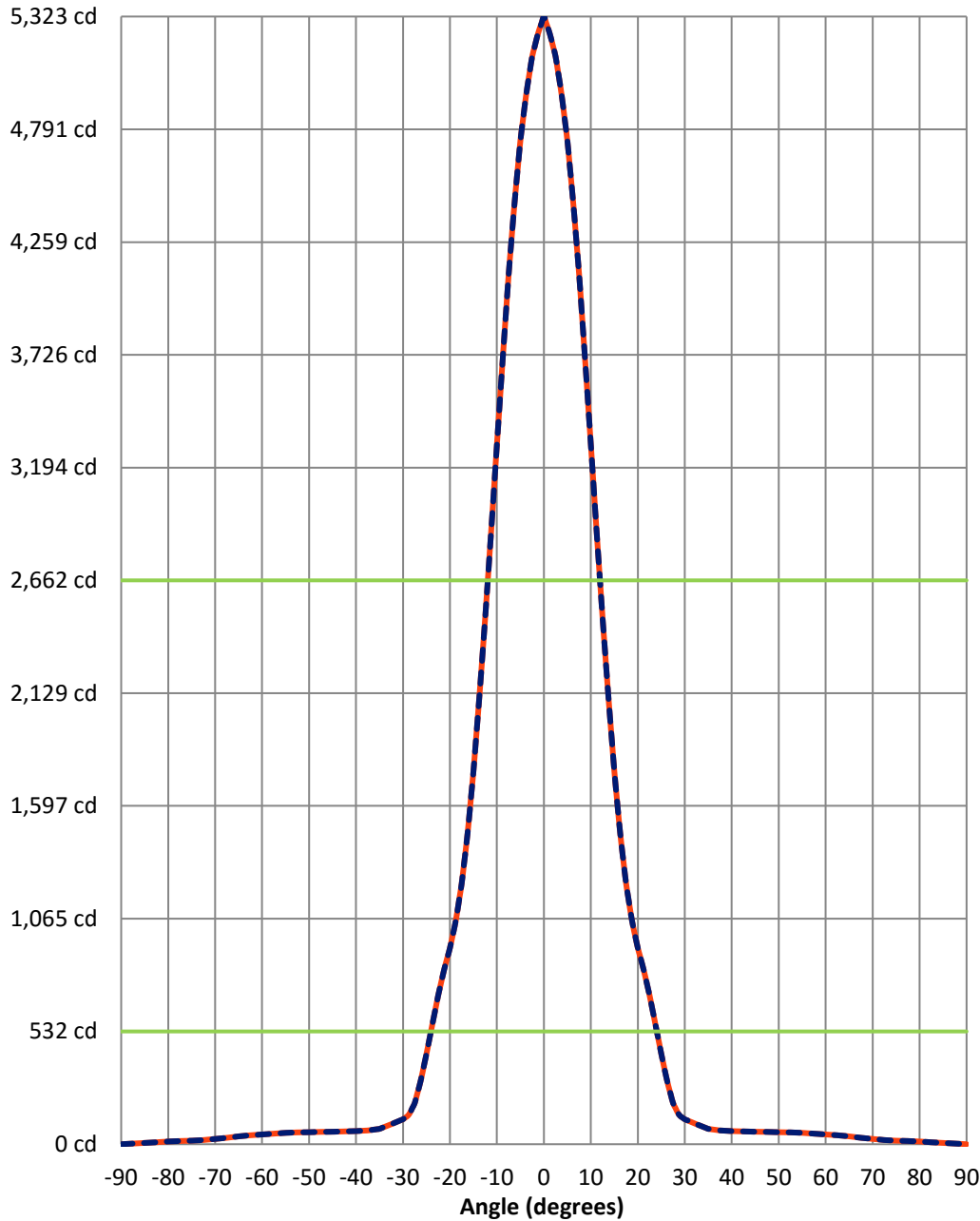
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.9°  
 V Angle: 23.9°  
 Lumens: 520.1  
 Efficiency: 39.9%

**Field:**  
 H Angle: 48.1°  
 V Angle: 48.1°  
 Lumens: 1022.7  
 Efficiency: 78.4%

**Spill:**  
 Lumens: 281.1  
 Efficiency: 21.6%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
83.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
81.25°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
78.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
76.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
73.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.8	4.2
72.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.0	4.5
71.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8
70°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.6	4.1	4.6	5.1
68.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.9	5.4
67.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.6	5.1	5.7
66.25°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
65°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.1	5.7	6.3
63.75°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.6
62.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.2	6.9
61.25°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.5	7.2
60°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.2	6.0	6.7	7.5
58.75°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.2	7.0	7.8
57.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.3	8.1
56.25°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.5	8.4
55°	0.0	0.9	1.7	2.6	3.4	4.3	5.2	6.0	6.9	7.8	8.6
53.75°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.2	7.1	8.0	8.9
52.5°	0.0	0.9	1.8	2.7	3.6	4.6	5.5	6.4	7.3	8.3	9.2
51.25°	0.0	0.9	1.9	2.8	3.8	4.7	5.6	6.6	7.5	8.5	9.5
50°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.8	7.7	8.7	9.8
48.75°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	6.9	8.0	9.0	10.1
47.5°	0.0	1.0	2.0	3.0	4.1	5.1	6.1	7.1	8.2	9.2	10.4
46.25°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.3	8.4	9.5	10.7
45°	0.0	1.1	2.1	3.2	4.2	5.3	6.4	7.5	8.5	9.7	11.0
43.75°	0.0	1.1	2.2	3.2	4.3	5.4	6.5	7.6	8.7	10.0	11.3
42.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.8	8.9	10.2	11.6
41.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	7.9	9.1	10.5	11.9
40°	0.0	1.1	2.3	3.4	4.6	5.7	6.9	8.1	9.3	10.7	12.1
38.75°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.2	9.5	11.0	12.4
37.5°	0.0	1.2	2.4	3.6	4.8	5.9	7.2	8.4	9.7	11.2	12.6
36.25°	0.0	1.2	2.4	3.6	4.8	6.0	7.3	8.5	9.9	11.4	12.8
35°	0.0	1.2	2.5	3.7	4.9	6.1	7.4	8.7	10.1	11.6	13.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.2	2.5	3.7	5.0	6.2	7.5	8.8	10.3	11.8	13.1
32.5°	0.0	1.3	2.5	3.8	5.1	6.3	7.6	8.9	10.5	12.0	13.3
31.25°	0.0	1.3	2.6	3.8	5.1	6.4	7.7	9.1	10.6	12.2	13.4
30°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.2	10.8	12.4	13.5
28.75°	0.0	1.3	2.6	3.9	5.3	6.6	7.9	9.3	11.0	12.6	13.7
27.5°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.5	11.1	12.7	13.8
26.25°	0.0	1.3	2.7	4.0	5.4	6.7	8.1	9.6	11.3	12.9	13.9
25°	0.0	1.4	2.7	4.1	5.4	6.8	8.2	9.7	11.4	13.0	14.0
23.75°	0.0	1.4	2.7	4.1	5.5	6.9	8.3	9.8	11.5	13.1	14.1
22.5°	0.0	1.4	2.8	4.2	5.5	7.0	8.4	10.0	11.7	13.2	14.2
21.25°	0.0	1.4	2.8	4.2	5.6	7.0	8.5	10.1	11.8	13.2	14.3
20°	0.0	1.4	2.8	4.2	5.6	7.1	8.5	10.2	11.9	13.3	14.4
18.75°	0.0	1.4	2.8	4.3	5.7	7.1	8.6	10.3	12.0	13.4	14.5
17.5°	0.0	1.4	2.9	4.3	5.7	7.2	8.7	10.3	12.1	13.5	14.6
16.25°	0.0	1.4	2.9	4.3	5.8	7.2	8.7	10.4	12.2	13.5	14.6
15°	0.0	1.4	2.9	4.3	5.8	7.3	8.8	10.5	12.3	13.6	14.7
13.75°	0.0	1.5	2.9	4.4	5.8	7.3	8.8	10.6	12.4	13.6	14.8
12.5°	0.0	1.5	2.9	4.4	5.9	7.4	8.9	10.6	12.4	13.7	14.8
11.25°	0.0	1.5	2.9	4.4	5.9	7.4	8.9	10.7	12.5	13.7	14.9
10°	0.0	1.5	3.0	4.4	5.9	7.4	9.0	10.8	12.6	13.8	14.9
8.75°	0.0	1.5	3.0	4.4	5.9	7.5	9.0	10.8	12.6	13.8	15.0
7.5°	0.0	1.5	3.0	4.5	5.9	7.5	9.0	10.8	12.7	13.9	15.0
6.25°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.9	12.7	13.9	15.0
5°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.7	13.9	15.1
3.75°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.8	13.9	15.1
2.5°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.8	13.9	15.1
1.25°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.8	13.9	15.1
0°	0.0	1.5	3.0	4.5	6.0	7.6	9.1	11.0	12.8	14.0	15.1
-1.25°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.8	13.9	15.1
-2.5°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.8	13.9	15.1
-3.75°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.8	13.9	15.1
-5°	0.0	1.5	3.0	4.5	6.0	7.5	9.1	10.9	12.7	13.9	15.1
-6.25°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.9	12.7	13.9	15.0
-7.5°	0.0	1.5	3.0	4.5	5.9	7.5	9.0	10.8	12.7	13.9	15.0
-8.75°	0.0	1.5	3.0	4.4	5.9	7.5	9.0	10.8	12.6	13.8	15.0
-10°	0.0	1.5	3.0	4.4	5.9	7.4	9.0	10.8	12.6	13.8	14.9
-11.25°	0.0	1.5	2.9	4.4	5.9	7.4	8.9	10.7	12.5	13.7	14.9
-12.5°	0.0	1.5	2.9	4.4	5.9	7.4	8.9	10.6	12.4	13.7	14.8
-13.75°	0.0	1.5	2.9	4.4	5.8	7.3	8.8	10.6	12.4	13.6	14.8
-15°	0.0	1.4	2.9	4.3	5.8	7.3	8.8	10.5	12.3	13.6	14.7
-16.25°	0.0	1.4	2.9	4.3	5.8	7.2	8.7	10.4	12.2	13.5	14.6
-17.5°	0.0	1.4	2.9	4.3	5.7	7.2	8.7	10.3	12.1	13.5	14.6
-18.75°	0.0	1.4	2.8	4.3	5.7	7.1	8.6	10.3	12.0	13.4	14.5
-20°	0.0	1.4	2.8	4.2	5.6	7.1	8.5	10.2	11.9	13.3	14.4
-21.25°	0.0	1.4	2.8	4.2	5.6	7.0	8.5	10.1	11.8	13.2	14.3





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.4	2.8	4.2	5.5	7.0	8.4	10.0	11.7	13.2	14.2
-23.75°	0.0	1.4	2.7	4.1	5.5	6.9	8.3	9.8	11.5	13.1	14.1
-25°	0.0	1.4	2.7	4.1	5.4	6.8	8.2	9.7	11.4	13.0	14.0
-26.25°	0.0	1.3	2.7	4.0	5.4	6.7	8.1	9.6	11.3	12.9	13.9
-27.5°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.5	11.1	12.7	13.8
-28.75°	0.0	1.3	2.6	3.9	5.3	6.6	7.9	9.3	11.0	12.6	13.7
-30°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.2	10.8	12.4	13.5
-31.25°	0.0	1.3	2.6	3.8	5.1	6.4	7.7	9.1	10.6	12.2	13.4
-32.5°	0.0	1.3	2.5	3.8	5.1	6.3	7.6	8.9	10.5	12.0	13.3
-33.75°	0.0	1.2	2.5	3.7	5.0	6.2	7.5	8.8	10.3	11.8	13.1
-35°	0.0	1.2	2.5	3.7	4.9	6.1	7.4	8.7	10.1	11.6	13.0
-36.25°	0.0	1.2	2.4	3.6	4.8	6.0	7.3	8.5	9.9	11.4	12.8
-37.5°	0.0	1.2	2.4	3.6	4.8	5.9	7.2	8.4	9.7	11.2	12.6
-38.75°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.2	9.5	11.0	12.4
-40°	0.0	1.1	2.3	3.4	4.6	5.7	6.9	8.1	9.3	10.7	12.1
-41.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	7.9	9.1	10.5	11.9
-42.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.8	8.9	10.2	11.6
-43.75°	0.0	1.1	2.2	3.2	4.3	5.4	6.5	7.6	8.7	10.0	11.3
-45°	0.0	1.1	2.1	3.2	4.2	5.3	6.4	7.5	8.5	9.7	11.0
-46.25°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.3	8.4	9.5	10.7
-47.5°	0.0	1.0	2.0	3.0	4.1	5.1	6.1	7.1	8.2	9.2	10.4
-48.75°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	6.9	8.0	9.0	10.1
-50°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.8	7.7	8.7	9.8
-51.25°	0.0	0.9	1.9	2.8	3.8	4.7	5.6	6.6	7.5	8.5	9.5
-52.5°	0.0	0.9	1.8	2.7	3.6	4.6	5.5	6.4	7.3	8.3	9.2
-53.75°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.2	7.1	8.0	8.9
-55°	0.0	0.9	1.7	2.6	3.4	4.3	5.2	6.0	6.9	7.8	8.6
-56.25°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.5	8.4
-57.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.3	8.1
-58.75°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.2	7.0	7.8
-60°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.2	6.0	6.7	7.5
-61.25°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.5	7.2
-62.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.2	6.9
-63.75°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.6
-65°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.1	5.7	6.3
-66.25°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
-67.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.6	5.1	5.7
-68.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.9	5.4
-70°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.6	4.1	4.6	5.1
-71.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8
-72.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.0	4.5
-73.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.8	4.2
-75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
-76.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
-81.25°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-83.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-85°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220459 (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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
87.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
86.25°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0
85°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7
83.75°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3
82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.4	3.6	3.8	4.0
81.25°	2.5	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.6
80°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1	5.3
78.75°	3.2	3.5	3.8	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9
77.5°	3.5	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6
76.25°	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.3	6.6	6.9	7.3
75°	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.8	7.2	7.6	8.0
73.75°	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6
72.5°	4.9	5.4	5.8	6.2	6.7	7.1	7.6	8.0	8.4	8.9	9.3
71.25°	5.3	5.7	6.2	6.7	7.2	7.6	8.1	8.6	9.0	9.6	10.1
70°	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.7	10.3	10.9
68.75°	5.9	6.5	7.0	7.6	8.1	8.6	9.2	9.8	10.4	11.0	11.7
67.5°	6.3	6.8	7.4	8.0	8.6	9.1	9.8	10.5	11.1	11.8	12.4
66.25°	6.6	7.2	7.8	8.4	9.0	9.7	10.4	11.1	11.8	12.5	13.0
65°	6.9	7.6	8.2	8.9	9.6	10.3	11.0	11.8	12.5	13.1	13.5
63.75°	7.3	8.0	8.6	9.3	10.1	10.9	11.7	12.4	13.0	13.5	14.0
62.5°	7.6	8.3	9.0	9.8	10.6	11.4	12.3	13.0	13.5	14.0	14.4
61.25°	7.9	8.7	9.4	10.3	11.2	12.0	12.8	13.4	13.9	14.4	14.9
60°	8.3	9.0	9.9	10.8	11.7	12.6	13.2	13.7	14.3	14.8	15.3
58.75°	8.6	9.4	10.4	11.3	12.2	13.0	13.6	14.1	14.7	15.2	15.6
57.5°	8.9	9.8	10.8	11.8	12.7	13.3	13.9	14.5	15.1	15.5	15.8
56.25°	9.2	10.2	11.2	12.2	13.1	13.7	14.3	14.9	15.4	15.7	16.1
55°	9.6	10.6	11.7	12.7	13.4	14.0	14.6	15.2	15.6	16.0	16.4
53.75°	10.0	11.0	12.1	13.0	13.7	14.3	15.0	15.4	15.9	16.3	16.8
52.5°	10.3	11.4	12.5	13.3	14.0	14.7	15.2	15.7	16.1	16.5	17.3
51.25°	10.7	11.8	12.9	13.6	14.3	15.0	15.5	15.9	16.4	17.0	17.9
50°	11.0	12.2	13.1	13.9	14.6	15.2	15.7	16.1	16.6	17.5	18.4
48.75°	11.3	12.5	13.4	14.1	14.9	15.4	15.9	16.4	17.1	18.0	18.9
47.5°	11.7	12.9	13.6	14.4	15.1	15.6	16.1	16.6	17.5	18.5	19.5
46.25°	12.0	13.1	13.9	14.6	15.3	15.8	16.3	17.0	18.0	19.0	20.3
45°	12.3	13.3	14.1	14.9	15.5	16.0	16.5	17.4	18.5	19.5	21.1
43.75°	12.6	13.5	14.3	15.1	15.7	16.2	16.8	17.9	18.9	20.2	22.0
42.5°	12.9	13.7	14.6	15.3	15.8	16.4	17.2	18.3	19.3	21.0	22.8
41.25°	13.1	13.9	14.8	15.4	16.0	16.5	17.6	18.7	19.9	21.8	23.7
40°	13.3	14.1	15.0	15.6	16.2	16.8	17.9	19.1	20.6	22.5	24.5
38.75°	13.4	14.3	15.2	15.7	16.3	17.2	18.3	19.4	21.3	23.3	25.3
37.5°	13.6	14.5	15.3	15.9	16.5	17.5	18.7	20.0	22.0	24.0	26.0
36.25°	13.8	14.7	15.4	16.0	16.6	17.8	19.0	20.6	22.7	24.7	26.8
35°	13.9	14.9	15.6	16.2	16.9	18.1	19.3	21.2	23.3	25.4	27.5



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	14.1	15.0	15.7	16.3	17.2	18.4	19.7	21.8	24.0	26.1	28.2
32.5°	14.2	15.2	15.8	16.4	17.5	18.7	20.2	22.4	24.6	26.8	28.9
31.25°	14.4	15.3	15.9	16.5	17.7	19.0	20.8	23.0	25.2	27.4	29.6
30°	14.5	15.4	16.0	16.7	18.0	19.3	21.3	23.5	25.8	28.0	30.3
28.75°	14.7	15.5	16.1	16.9	18.2	19.5	21.8	24.1	26.3	28.6	31.1
27.5°	14.8	15.6	16.2	17.2	18.5	19.9	22.3	24.6	26.9	29.2	31.8
26.25°	14.9	15.7	16.3	17.4	18.7	20.4	22.7	25.1	27.4	29.7	32.6
25°	15.0	15.7	16.4	17.6	18.9	20.8	23.2	25.5	27.9	30.3	33.3
23.75°	15.1	15.8	16.5	17.8	19.1	21.2	23.6	26.0	28.4	30.9	34.0
22.5°	15.2	15.9	16.6	18.0	19.3	21.6	24.0	26.4	28.8	31.5	34.6
21.25°	15.3	16.0	16.7	18.1	19.5	21.9	24.4	26.8	29.2	32.1	35.2
20°	15.3	16.0	16.9	18.3	19.8	22.2	24.7	27.2	29.6	32.6	35.8
18.75°	15.4	16.1	17.0	18.5	20.1	22.6	25.1	27.5	30.0	33.2	36.3
17.5°	15.5	16.2	17.2	18.6	20.3	22.9	25.4	27.9	30.4	33.7	36.9
16.25°	15.5	16.2	17.3	18.7	20.6	23.1	25.7	28.2	30.9	34.1	37.3
15°	15.6	16.3	17.4	18.9	20.8	23.4	25.9	28.5	31.3	34.5	37.6
13.75°	15.6	16.3	17.5	19.0	21.1	23.6	26.2	28.8	31.6	34.9	37.9
12.5°	15.7	16.4	17.6	19.1	21.3	23.9	26.4	29.0	32.0	35.3	38.2
11.25°	15.7	16.4	17.7	19.2	21.5	24.1	26.6	29.2	32.3	35.6	38.5
10°	15.7	16.5	17.8	19.3	21.6	24.2	26.8	29.4	32.6	35.9	38.7
8.75°	15.8	16.5	17.9	19.3	21.8	24.4	27.0	29.6	32.8	36.2	38.9
7.5°	15.8	16.5	17.9	19.4	21.9	24.5	27.1	29.8	33.0	36.4	39.1
6.25°	15.8	16.5	18.0	19.5	22.0	24.6	27.3	29.9	33.2	36.6	39.3
5°	15.8	16.6	18.0	19.5	22.1	24.7	27.4	30.0	33.3	36.7	39.4
3.75°	15.8	16.6	18.1	19.6	22.2	24.8	27.4	30.1	33.5	36.8	39.5
2.5°	15.8	16.6	18.1	19.6	22.2	24.9	27.5	30.2	33.5	36.9	39.5
1.25°	15.8	16.6	18.1	19.6	22.2	24.9	27.5	30.2	33.6	37.0	39.6
0°	15.9	16.6	18.1	19.6	22.3	24.9	27.6	30.2	33.6	37.0	39.6
-1.25°	15.8	16.6	18.1	19.6	22.2	24.9	27.5	30.2	33.6	37.0	39.6
-2.5°	15.8	16.6	18.1	19.6	22.2	24.9	27.5	30.2	33.5	36.9	39.5
-3.75°	15.8	16.6	18.1	19.6	22.2	24.8	27.4	30.1	33.5	36.8	39.5
-5°	15.8	16.6	18.0	19.5	22.1	24.7	27.4	30.0	33.3	36.7	39.4
-6.25°	15.8	16.5	18.0	19.5	22.0	24.6	27.3	29.9	33.2	36.6	39.3
-7.5°	15.8	16.5	17.9	19.4	21.9	24.5	27.1	29.8	33.0	36.4	39.1
-8.75°	15.8	16.5	17.9	19.3	21.8	24.4	27.0	29.6	32.8	36.2	38.9
-10°	15.7	16.5	17.8	19.3	21.6	24.2	26.8	29.4	32.6	35.9	38.7
-11.25°	15.7	16.4	17.7	19.2	21.5	24.1	26.6	29.2	32.3	35.6	38.5
-12.5°	15.7	16.4	17.6	19.1	21.3	23.9	26.4	29.0	32.0	35.3	38.2
-13.75°	15.6	16.3	17.5	19.0	21.1	23.6	26.2	28.8	31.6	34.9	37.9
-15°	15.6	16.3	17.4	18.9	20.8	23.4	25.9	28.5	31.3	34.5	37.6
-16.25°	15.5	16.2	17.3	18.7	20.6	23.1	25.7	28.2	30.9	34.1	37.3
-17.5°	15.5	16.2	17.2	18.6	20.3	22.9	25.4	27.9	30.4	33.7	36.9
-18.75°	15.4	16.1	17.0	18.5	20.1	22.6	25.1	27.5	30.0	33.2	36.3
-20°	15.3	16.0	16.9	18.3	19.8	22.2	24.7	27.2	29.6	32.6	35.8
-21.25°	15.3	16.0	16.7	18.1	19.5	21.9	24.4	26.8	29.2	32.1	35.2



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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°	15.2	15.9	16.6	18.0	19.3	21.6	24.0	26.4	28.8	31.5	34.6
-23.75°	15.1	15.8	16.5	17.8	19.1	21.2	23.6	26.0	28.4	30.9	34.0
-25°	15.0	15.7	16.4	17.6	18.9	20.8	23.2	25.5	27.9	30.3	33.3
-26.25°	14.9	15.7	16.3	17.4	18.7	20.4	22.7	25.1	27.4	29.7	32.6
-27.5°	14.8	15.6	16.2	17.2	18.5	19.9	22.3	24.6	26.9	29.2	31.8
-28.75°	14.7	15.5	16.1	16.9	18.2	19.5	21.8	24.1	26.3	28.6	31.1
-30°	14.5	15.4	16.0	16.7	18.0	19.3	21.3	23.5	25.8	28.0	30.3
-31.25°	14.4	15.3	15.9	16.5	17.7	19.0	20.8	23.0	25.2	27.4	29.6
-32.5°	14.2	15.2	15.8	16.4	17.5	18.7	20.2	22.4	24.6	26.8	28.9
-33.75°	14.1	15.0	15.7	16.3	17.2	18.4	19.7	21.8	24.0	26.1	28.2
-35°	13.9	14.9	15.6	16.2	16.9	18.1	19.3	21.2	23.3	25.4	27.5
-36.25°	13.8	14.7	15.4	16.0	16.6	17.8	19.0	20.6	22.7	24.7	26.8
-37.5°	13.6	14.5	15.3	15.9	16.5	17.5	18.7	20.0	22.0	24.0	26.0
-38.75°	13.4	14.3	15.2	15.7	16.3	17.2	18.3	19.4	21.3	23.3	25.3
-40°	13.3	14.1	15.0	15.6	16.2	16.8	17.9	19.1	20.6	22.5	24.5
-41.25°	13.1	13.9	14.8	15.4	16.0	16.5	17.6	18.7	19.9	21.8	23.7
-42.5°	12.9	13.7	14.6	15.3	15.8	16.4	17.2	18.3	19.3	21.0	22.8
-43.75°	12.6	13.5	14.3	15.1	15.7	16.2	16.8	17.9	18.9	20.2	22.0
-45°	12.3	13.3	14.1	14.9	15.5	16.0	16.5	17.4	18.5	19.5	21.1
-46.25°	12.0	13.1	13.9	14.6	15.3	15.8	16.3	17.0	18.0	19.0	20.3
-47.5°	11.7	12.9	13.6	14.4	15.1	15.6	16.1	16.6	17.5	18.5	19.5
-48.75°	11.3	12.5	13.4	14.1	14.9	15.4	15.9	16.4	17.1	18.0	18.9
-50°	11.0	12.2	13.1	13.9	14.6	15.2	15.7	16.1	16.6	17.5	18.4
-51.25°	10.7	11.8	12.9	13.6	14.3	15.0	15.5	15.9	16.4	17.0	17.9
-52.5°	10.3	11.4	12.5	13.3	14.0	14.7	15.2	15.7	16.1	16.5	17.3
-53.75°	10.0	11.0	12.1	13.0	13.7	14.3	15.0	15.4	15.9	16.3	16.8
-55°	9.6	10.6	11.7	12.7	13.4	14.0	14.6	15.2	15.6	16.0	16.4
-56.25°	9.2	10.2	11.2	12.2	13.1	13.7	14.3	14.9	15.4	15.7	16.1
-57.5°	8.9	9.8	10.8	11.8	12.7	13.3	13.9	14.5	15.1	15.5	15.8
-58.75°	8.6	9.4	10.4	11.3	12.2	13.0	13.6	14.1	14.7	15.2	15.6
-60°	8.3	9.0	9.9	10.8	11.7	12.6	13.2	13.7	14.3	14.8	15.3
-61.25°	7.9	8.7	9.4	10.3	11.2	12.0	12.8	13.4	13.9	14.4	14.9
-62.5°	7.6	8.3	9.0	9.8	10.6	11.4	12.3	13.0	13.5	14.0	14.4
-63.75°	7.3	8.0	8.6	9.3	10.1	10.9	11.7	12.4	13.0	13.5	14.0
-65°	6.9	7.6	8.2	8.9	9.6	10.3	11.0	11.8	12.5	13.1	13.5
-66.25°	6.6	7.2	7.8	8.4	9.0	9.7	10.4	11.1	11.8	12.5	13.0
-67.5°	6.3	6.8	7.4	8.0	8.6	9.1	9.8	10.5	11.1	11.8	12.4
-68.75°	5.9	6.5	7.0	7.6	8.1	8.6	9.2	9.8	10.4	11.0	11.7
-70°	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.7	10.3	10.9
-71.25°	5.3	5.7	6.2	6.7	7.2	7.6	8.1	8.6	9.0	9.6	10.1
-72.5°	4.9	5.4	5.8	6.2	6.7	7.1	7.6	8.0	8.4	8.9	9.3
-73.75°	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6
-75°	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.8	7.2	7.6	8.0
-76.25°	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.3	6.6	6.9	7.3
-77.5°	3.5	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	3.2	3.5	3.8	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9
-80°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1	5.3
-81.25°	2.5	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.6
-82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.4	3.6	3.8	4.0
-83.75°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3
-85°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7
-86.25°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-87.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	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: P220459 (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°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
87.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
86.25°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
85°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.8	3.9
83.75°	3.5	3.6	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.7	4.8
82.5°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8
81.25°	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8
80°	5.5	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
78.75°	6.2	6.5	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.7
77.5°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.5	9.8
76.25°	7.6	7.9	8.3	8.6	8.9	9.2	9.6	10.0	10.3	10.7	11.0
75°	8.3	8.7	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2
73.75°	9.0	9.4	9.9	10.4	10.8	11.2	11.7	12.1	12.5	12.9	13.1
72.5°	9.8	10.3	10.8	11.3	11.8	12.2	12.7	13.0	13.3	13.6	13.9
71.25°	10.6	11.2	11.7	12.2	12.7	13.1	13.4	13.7	14.0	14.3	14.6
70°	11.4	12.0	12.6	13.0	13.3	13.7	14.0	14.3	14.7	15.0	15.2
68.75°	12.3	12.8	13.2	13.6	13.9	14.3	14.6	15.0	15.2	15.5	15.7
67.5°	13.0	13.4	13.7	14.1	14.5	14.9	15.2	15.4	15.7	15.9	16.1
66.25°	13.5	13.9	14.3	14.7	15.1	15.4	15.6	15.9	16.1	16.4	16.6
65°	14.0	14.4	14.8	15.2	15.5	15.7	16.0	16.3	16.5	17.0	17.5
63.75°	14.4	14.9	15.3	15.6	15.8	16.1	16.4	16.8	17.3	17.9	18.4
62.5°	14.9	15.3	15.6	15.9	16.2	16.5	17.0	17.6	18.2	18.8	19.3
61.25°	15.3	15.6	15.9	16.3	16.6	17.2	17.8	18.4	19.0	19.6	20.7
60°	15.6	15.9	16.3	16.6	17.3	18.0	18.6	19.2	20.1	21.2	22.2
58.75°	15.9	16.3	16.6	17.3	18.0	18.7	19.4	20.4	21.5	22.7	23.8
57.5°	16.2	16.6	17.3	18.0	18.7	19.4	20.6	21.8	23.0	24.2	25.3
56.25°	16.5	17.2	18.0	18.7	19.4	20.6	21.9	23.2	24.4	25.6	26.9
55°	17.0	17.8	18.6	19.4	20.6	21.9	23.2	24.5	25.8	27.1	28.4
53.75°	17.6	18.4	19.2	20.4	21.8	23.2	24.5	25.9	27.2	28.6	29.9
52.5°	18.2	19.0	20.1	21.5	23.0	24.4	25.8	27.2	28.6	30.0	31.7
51.25°	18.8	19.6	21.2	22.7	24.2	25.6	27.1	28.6	30.0	31.7	33.5
50°	19.3	20.7	22.2	23.8	25.3	26.9	28.4	29.9	31.7	33.5	35.4
48.75°	20.1	21.7	23.3	24.9	26.5	28.1	29.6	31.4	33.4	35.3	37.2
47.5°	21.0	22.7	24.4	26.0	27.6	29.2	31.0	33.0	35.1	37.0	38.5
46.25°	22.0	23.7	25.4	27.1	28.7	30.5	32.6	34.6	36.7	38.3	39.9
45°	22.9	24.7	26.4	28.1	29.8	31.9	34.1	36.2	38.0	39.6	41.2
43.75°	23.8	25.6	27.4	29.2	31.1	33.4	35.6	37.6	39.3	40.9	42.5
42.5°	24.7	26.5	28.4	30.2	32.5	34.8	37.0	38.8	40.5	42.2	43.4
41.25°	25.6	27.4	29.3	31.4	33.8	36.2	38.1	39.9	41.7	43.1	44.3
40°	26.4	28.3	30.3	32.7	35.1	37.4	39.2	41.0	42.7	44.0	45.2
38.75°	27.2	29.2	31.4	33.9	36.4	38.4	40.3	42.1	43.5	44.8	46.1
37.5°	28.1	30.1	32.6	35.1	37.5	39.4	41.3	42.9	44.3	45.7	47.0
36.25°	28.8	31.1	33.7	36.3	38.4	40.4	42.3	43.7	45.1	46.5	47.9
35°	29.6	32.1	34.8	37.3	39.3	41.3	43.0	44.4	45.9	47.3	48.7



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	30.4	33.1	35.8	38.2	40.2	42.2	43.7	45.2	46.6	48.1	49.5
32.5°	31.3	34.1	36.8	39.0	41.0	42.9	44.4	45.9	47.4	48.8	50.3
31.25°	32.2	35.0	37.6	39.8	41.9	43.5	45.0	46.6	48.1	49.6	51.1
30°	33.1	36.0	38.4	40.5	42.6	44.1	45.7	47.2	48.8	50.3	51.8
28.75°	34.0	36.8	39.1	41.3	43.1	44.7	46.3	47.9	49.4	51.0	52.5
27.5°	34.8	37.5	39.8	42.0	43.7	45.3	46.9	48.5	50.1	51.7	53.2
26.25°	35.5	38.2	40.4	42.5	44.2	45.8	47.5	49.1	50.7	52.3	53.8
25°	36.3	38.8	41.0	43.0	44.7	46.4	48.0	49.7	51.3	52.9	54.2
23.75°	37.0	39.3	41.7	43.5	45.2	46.9	48.5	50.2	51.9	53.5	54.5
22.5°	37.5	39.9	42.2	43.9	45.6	47.3	49.0	50.7	52.4	53.9	54.9
21.25°	38.0	40.4	42.6	44.3	46.1	47.8	49.5	51.2	52.9	54.2	55.2
20°	38.5	40.9	43.0	44.7	46.5	48.2	50.0	51.7	53.4	54.5	55.5
18.75°	38.9	41.4	43.4	45.1	46.9	48.6	50.4	52.2	53.8	54.8	55.8
17.5°	39.3	41.8	43.7	45.5	47.3	49.0	50.8	52.6	54.0	55.1	55.9
16.25°	39.7	42.2	44.0	45.8	47.6	49.4	51.2	53.0	54.3	55.3	56.0
15°	40.1	42.5	44.3	46.1	47.9	49.7	51.5	53.3	54.5	55.5	56.1
13.75°	40.4	42.7	44.6	46.4	48.2	50.0	51.9	53.6	54.7	55.8	56.2
12.5°	40.7	43.0	44.8	46.7	48.5	50.3	52.2	53.8	54.9	55.9	56.2
11.25°	41.0	43.2	45.0	46.9	48.7	50.6	52.4	54.0	55.1	55.9	56.3
10°	41.3	43.4	45.2	47.1	49.0	50.8	52.7	54.1	55.2	56.0	56.4
8.75°	41.5	43.5	45.4	47.3	49.2	51.0	52.9	54.3	55.4	56.0	56.4
7.5°	41.7	43.7	45.6	47.4	49.3	51.2	53.1	54.4	55.5	56.1	56.5
6.25°	41.8	43.8	45.7	47.6	49.5	51.4	53.2	54.5	55.6	56.1	56.5
5°	42.0	43.9	45.8	47.7	49.6	51.5	53.4	54.6	55.7	56.1	56.5
3.75°	42.1	44.0	45.9	47.8	49.7	51.6	53.5	54.6	55.7	56.2	56.6
2.5°	42.1	44.1	46.0	47.8	49.7	51.6	53.5	54.7	55.8	56.2	56.6
1.25°	42.2	44.1	46.0	47.9	49.8	51.7	53.6	54.7	55.8	56.2	56.6
0°	42.2	44.1	46.0	47.9	49.8	51.7	53.6	54.7	55.8	56.2	56.6
-1.25°	42.2	44.1	46.0	47.9	49.8	51.7	53.6	54.7	55.8	56.2	56.6
-2.5°	42.1	44.1	46.0	47.8	49.7	51.6	53.5	54.7	55.8	56.2	56.6
-3.75°	42.1	44.0	45.9	47.8	49.7	51.6	53.5	54.6	55.7	56.2	56.6
-5°	42.0	43.9	45.8	47.7	49.6	51.5	53.4	54.6	55.7	56.1	56.5
-6.25°	41.8	43.8	45.7	47.6	49.5	51.4	53.2	54.5	55.6	56.1	56.5
-7.5°	41.7	43.7	45.6	47.4	49.3	51.2	53.1	54.4	55.5	56.1	56.5
-8.75°	41.5	43.5	45.4	47.3	49.2	51.0	52.9	54.3	55.4	56.0	56.4
-10°	41.3	43.4	45.2	47.1	49.0	50.8	52.7	54.1	55.2	56.0	56.4
-11.25°	41.0	43.2	45.0	46.9	48.7	50.6	52.4	54.0	55.1	55.9	56.3
-12.5°	40.7	43.0	44.8	46.7	48.5	50.3	52.2	53.8	54.9	55.9	56.2
-13.75°	40.4	42.7	44.6	46.4	48.2	50.0	51.9	53.6	54.7	55.8	56.2
-15°	40.1	42.5	44.3	46.1	47.9	49.7	51.5	53.3	54.5	55.5	56.1
-16.25°	39.7	42.2	44.0	45.8	47.6	49.4	51.2	53.0	54.3	55.3	56.0
-17.5°	39.3	41.8	43.7	45.5	47.3	49.0	50.8	52.6	54.0	55.1	55.9
-18.75°	38.9	41.4	43.4	45.1	46.9	48.6	50.4	52.2	53.8	54.8	55.8
-20°	38.5	40.9	43.0	44.7	46.5	48.2	50.0	51.7	53.4	54.5	55.5
-21.25°	38.0	40.4	42.6	44.3	46.1	47.8	49.5	51.2	52.9	54.2	55.2





REPORT NUMBER: P220459 (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°	37.5	39.9	42.2	43.9	45.6	47.3	49.0	50.7	52.4	53.9	54.9
-23.75°	37.0	39.3	41.7	43.5	45.2	46.9	48.5	50.2	51.9	53.5	54.5
-25°	36.3	38.8	41.0	43.0	44.7	46.4	48.0	49.7	51.3	52.9	54.2
-26.25°	35.5	38.2	40.4	42.5	44.2	45.8	47.5	49.1	50.7	52.3	53.8
-27.5°	34.8	37.5	39.8	42.0	43.7	45.3	46.9	48.5	50.1	51.7	53.2
-28.75°	34.0	36.8	39.1	41.3	43.1	44.7	46.3	47.9	49.4	51.0	52.5
-30°	33.1	36.0	38.4	40.5	42.6	44.1	45.7	47.2	48.8	50.3	51.8
-31.25°	32.2	35.0	37.6	39.8	41.9	43.5	45.0	46.6	48.1	49.6	51.1
-32.5°	31.3	34.1	36.8	39.0	41.0	42.9	44.4	45.9	47.4	48.8	50.3
-33.75°	30.4	33.1	35.8	38.2	40.2	42.2	43.7	45.2	46.6	48.1	49.5
-35°	29.6	32.1	34.8	37.3	39.3	41.3	43.0	44.4	45.9	47.3	48.7
-36.25°	28.8	31.1	33.7	36.3	38.4	40.4	42.3	43.7	45.1	46.5	47.9
-37.5°	28.1	30.1	32.6	35.1	37.5	39.4	41.3	42.9	44.3	45.7	47.0
-38.75°	27.2	29.2	31.4	33.9	36.4	38.4	40.3	42.1	43.5	44.8	46.1
-40°	26.4	28.3	30.3	32.7	35.1	37.4	39.2	41.0	42.7	44.0	45.2
-41.25°	25.6	27.4	29.3	31.4	33.8	36.2	38.1	39.9	41.7	43.1	44.3
-42.5°	24.7	26.5	28.4	30.2	32.5	34.8	37.0	38.8	40.5	42.2	43.4
-43.75°	23.8	25.6	27.4	29.2	31.1	33.4	35.6	37.6	39.3	40.9	42.5
-45°	22.9	24.7	26.4	28.1	29.8	31.9	34.1	36.2	38.0	39.6	41.2
-46.25°	22.0	23.7	25.4	27.1	28.7	30.5	32.6	34.6	36.7	38.3	39.9
-47.5°	21.0	22.7	24.4	26.0	27.6	29.2	31.0	33.0	35.1	37.0	38.5
-48.75°	20.1	21.7	23.3	24.9	26.5	28.1	29.6	31.4	33.4	35.3	37.2
-50°	19.3	20.7	22.2	23.8	25.3	26.9	28.4	29.9	31.7	33.5	35.4
-51.25°	18.8	19.6	21.2	22.7	24.2	25.6	27.1	28.6	30.0	31.7	33.5
-52.5°	18.2	19.0	20.1	21.5	23.0	24.4	25.8	27.2	28.6	30.0	31.7
-53.75°	17.6	18.4	19.2	20.4	21.8	23.2	24.5	25.9	27.2	28.6	29.9
-55°	17.0	17.8	18.6	19.4	20.6	21.9	23.2	24.5	25.8	27.1	28.4
-56.25°	16.5	17.2	18.0	18.7	19.4	20.6	21.9	23.2	24.4	25.6	26.9
-57.5°	16.2	16.6	17.3	18.0	18.7	19.4	20.6	21.8	23.0	24.2	25.3
-58.75°	15.9	16.3	16.6	17.3	18.0	18.7	19.4	20.4	21.5	22.7	23.8
-60°	15.6	15.9	16.3	16.6	17.3	18.0	18.6	19.2	20.1	21.2	22.2
-61.25°	15.3	15.6	15.9	16.3	16.6	17.2	17.8	18.4	19.0	19.6	20.7
-62.5°	14.9	15.3	15.6	15.9	16.2	16.5	17.0	17.6	18.2	18.8	19.3
-63.75°	14.4	14.9	15.3	15.6	15.8	16.1	16.4	16.8	17.3	17.9	18.4
-65°	14.0	14.4	14.8	15.2	15.5	15.7	16.0	16.3	16.5	17.0	17.5
-66.25°	13.5	13.9	14.3	14.7	15.1	15.4	15.6	15.9	16.1	16.4	16.6
-67.5°	13.0	13.4	13.7	14.1	14.5	14.9	15.2	15.4	15.7	15.9	16.1
-68.75°	12.3	12.8	13.2	13.6	13.9	14.3	14.6	15.0	15.2	15.5	15.7
-70°	11.4	12.0	12.6	13.0	13.3	13.7	14.0	14.3	14.7	15.0	15.2
-71.25°	10.6	11.2	11.7	12.2	12.7	13.1	13.4	13.7	14.0	14.3	14.6
-72.5°	9.8	10.3	10.8	11.3	11.8	12.2	12.7	13.0	13.3	13.6	13.9
-73.75°	9.0	9.4	9.9	10.4	10.8	11.2	11.7	12.1	12.5	12.9	13.1
-75°	8.3	8.7	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2
-76.25°	7.6	7.9	8.3	8.6	8.9	9.2	9.6	10.0	10.3	10.7	11.0
-77.5°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.5	9.8



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	6.2	6.5	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.7
-80°	5.5	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
-81.25°	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8
-82.5°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8
-83.75°	3.5	3.6	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.7	4.8
-85°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.8	3.9
-86.25°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
-87.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-88.75°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	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: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
86.25°	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6	3.6
85°	4.0	4.1	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8
83.75°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
82.5°	5.9	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3
81.25°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5
80°	8.0	8.2	8.4	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9
78.75°	9.0	9.2	9.5	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.4
77.5°	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.1	12.4	12.6	12.8
76.25°	11.3	11.7	12.0	12.3	12.6	12.9	13.1	13.3	13.4	13.6	13.8
75°	12.5	12.9	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7
73.75°	13.4	13.6	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.3	15.4
72.5°	14.1	14.4	14.6	14.9	15.1	15.3	15.4	15.6	15.7	15.9	16.0
71.25°	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.2	16.3	16.5	16.6
70°	15.4	15.6	15.8	16.0	16.2	16.4	16.5	16.8	17.2	17.5	17.8
68.75°	15.9	16.1	16.3	16.5	16.8	17.2	17.6	17.9	18.3	18.7	19.0
67.5°	16.4	16.6	17.0	17.4	17.9	18.3	18.7	19.1	19.4	20.0	20.6
66.25°	17.1	17.5	18.0	18.5	18.9	19.3	19.9	20.6	21.3	22.0	22.7
65°	18.0	18.5	19.0	19.5	20.2	21.0	21.8	22.5	23.3	24.0	24.7
63.75°	18.9	19.5	20.3	21.1	22.0	22.8	23.7	24.5	25.3	26.0	26.8
62.5°	20.1	21.0	22.0	22.9	23.8	24.7	25.6	26.4	27.2	28.1	28.8
61.25°	21.7	22.7	23.7	24.7	25.6	26.5	27.4	28.3	29.2	30.1	31.1
60°	23.3	24.4	25.4	26.4	27.4	28.4	29.3	30.3	31.4	32.6	33.7
58.75°	24.9	26.0	27.1	28.1	29.2	30.2	31.4	32.7	33.9	35.1	36.3
57.5°	26.5	27.6	28.7	29.8	31.1	32.5	33.8	35.1	36.4	37.5	38.4
56.25°	28.1	29.2	30.5	31.9	33.4	34.8	36.2	37.4	38.4	39.4	40.4
55°	29.6	31.0	32.6	34.1	35.6	37.0	38.1	39.2	40.3	41.3	42.3
53.75°	31.4	33.0	34.6	36.2	37.6	38.8	39.9	41.0	42.1	42.9	43.7
52.5°	33.4	35.1	36.7	38.0	39.3	40.5	41.7	42.7	43.5	44.3	45.1
51.25°	35.3	37.0	38.3	39.6	40.9	42.2	43.1	44.0	44.8	45.7	46.5
50°	37.2	38.5	39.9	41.2	42.5	43.4	44.3	45.2	46.1	47.0	47.9
48.75°	38.6	40.0	41.4	42.6	43.6	44.6	45.6	46.5	47.4	48.3	49.2
47.5°	40.0	41.5	42.7	43.8	44.8	45.8	46.8	47.8	48.7	49.7	50.6
46.25°	41.4	42.7	43.8	44.9	46.0	47.0	48.0	49.0	50.0	51.0	51.9
45°	42.6	43.8	44.9	46.0	47.1	48.2	49.2	50.3	51.3	52.3	53.2
43.75°	43.6	44.8	46.0	47.1	48.2	49.3	50.4	51.5	52.5	53.5	54.2
42.5°	44.6	45.8	47.0	48.2	49.3	50.4	51.6	52.7	53.7	54.3	54.9
41.25°	45.6	46.8	48.0	49.2	50.4	51.6	52.7	53.7	54.4	55.0	55.6
40°	46.5	47.8	49.0	50.3	51.5	52.7	53.7	54.4	55.1	55.7	56.0
38.75°	47.4	48.7	50.0	51.3	52.5	53.7	54.4	55.1	55.8	56.0	56.3
37.5°	48.3	49.7	51.0	52.3	53.5	54.3	55.0	55.7	56.0	56.3	56.5
36.25°	49.2	50.6	51.9	53.2	54.2	54.9	55.6	56.0	56.3	56.5	56.9
35°	50.1	51.5	52.8	53.9	54.7	55.5	56.0	56.2	56.5	56.9	57.4



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	50.9	52.3	53.7	54.5	55.3	55.9	56.2	56.5	56.9	57.4	57.9
32.5°	51.8	53.2	54.2	55.0	55.8	56.1	56.4	56.7	57.3	57.8	58.2
31.25°	52.6	53.8	54.7	55.5	56.0	56.3	56.6	57.1	57.7	58.2	58.4
30°	53.3	54.3	55.2	55.9	56.2	56.5	57.0	57.5	58.1	58.4	58.6
28.75°	53.9	54.8	55.6	56.1	56.4	56.8	57.3	57.9	58.3	58.5	58.8
27.5°	54.3	55.2	55.9	56.2	56.6	57.1	57.7	58.2	58.5	58.7	59.2
26.25°	54.7	55.6	56.1	56.4	56.8	57.4	58.0	58.4	58.6	59.0	59.6
25°	55.1	55.9	56.2	56.6	57.1	57.8	58.2	58.5	58.8	59.4	60.1
23.75°	55.5	56.0	56.4	56.8	57.4	58.1	58.4	58.7	59.2	59.8	60.4
22.5°	55.8	56.2	56.5	57.1	57.7	58.2	58.5	58.8	59.5	60.2	60.8
21.25°	55.9	56.3	56.7	57.3	58.0	58.4	58.7	59.2	59.8	60.5	61.1
20°	56.1	56.4	56.9	57.6	58.2	58.5	58.8	59.5	60.2	60.8	61.5
18.75°	56.2	56.5	57.1	57.8	58.3	58.6	59.1	59.8	60.5	61.1	61.8
17.5°	56.3	56.7	57.4	58.0	58.4	58.7	59.3	60.0	60.7	61.4	62.2
16.25°	56.4	56.9	57.6	58.2	58.5	58.8	59.6	60.3	61.0	61.7	62.8
15°	56.5	57.0	57.7	58.3	58.6	59.1	59.8	60.5	61.2	61.9	63.3
13.75°	56.5	57.2	57.9	58.3	58.7	59.3	60.0	60.7	61.4	62.4	63.8
12.5°	56.6	57.4	58.1	58.4	58.8	59.5	60.2	60.9	61.7	62.8	64.2
11.25°	56.8	57.5	58.2	58.5	58.9	59.6	60.4	61.1	61.8	63.2	64.6
10°	56.9	57.6	58.2	58.6	59.0	59.8	60.6	61.3	62.1	63.6	65.1
8.75°	57.0	57.7	58.3	58.6	59.2	59.9	60.7	61.4	62.4	63.9	66.0
7.5°	57.1	57.8	58.3	58.7	59.3	60.1	60.8	61.6	62.7	64.1	66.7
6.25°	57.2	57.9	58.4	58.7	59.4	60.2	60.9	61.7	62.9	64.4	67.3
5°	57.2	58.0	58.4	58.7	59.5	60.2	61.0	61.7	63.1	64.6	67.8
3.75°	57.3	58.0	58.4	58.8	59.5	60.3	61.1	61.8	63.2	64.7	68.1
2.5°	57.3	58.1	58.4	58.8	59.6	60.4	61.1	61.9	63.3	64.8	68.4
1.25°	57.3	58.1	58.4	58.8	59.6	60.4	61.1	61.9	63.4	64.9	68.6
0°	57.4	58.1	58.5	58.8	59.6	60.4	61.2	61.9	63.4	64.9	68.7
-1.25°	57.3	58.1	58.4	58.8	59.6	60.4	61.1	61.9	63.4	64.9	68.6
-2.5°	57.3	58.1	58.4	58.8	59.6	60.4	61.1	61.9	63.3	64.8	68.4
-3.75°	57.3	58.0	58.4	58.8	59.5	60.3	61.1	61.8	63.2	64.7	68.1
-5°	57.2	58.0	58.4	58.7	59.5	60.2	61.0	61.7	63.1	64.6	67.8
-6.25°	57.2	57.9	58.4	58.7	59.4	60.2	60.9	61.7	62.9	64.4	67.3
-7.5°	57.1	57.8	58.3	58.7	59.3	60.1	60.8	61.6	62.7	64.1	66.7
-8.75°	57.0	57.7	58.3	58.6	59.2	59.9	60.7	61.4	62.4	63.9	66.0
-10°	56.9	57.6	58.2	58.6	59.0	59.8	60.6	61.3	62.1	63.6	65.1
-11.25°	56.8	57.5	58.2	58.5	58.9	59.6	60.4	61.1	61.8	63.2	64.6
-12.5°	56.6	57.4	58.1	58.4	58.8	59.5	60.2	60.9	61.7	62.8	64.2
-13.75°	56.5	57.2	57.9	58.3	58.7	59.3	60.0	60.7	61.4	62.4	63.8
-15°	56.5	57.0	57.7	58.3	58.6	59.1	59.8	60.5	61.2	61.9	63.3
-16.25°	56.4	56.9	57.6	58.2	58.5	58.8	59.6	60.3	61.0	61.7	62.8
-17.5°	56.3	56.7	57.4	58.0	58.4	58.7	59.3	60.0	60.7	61.4	62.2
-18.75°	56.2	56.5	57.1	57.8	58.3	58.6	59.1	59.8	60.5	61.1	61.8
-20°	56.1	56.4	56.9	57.6	58.2	58.5	58.8	59.5	60.2	60.8	61.5
-21.25°	55.9	56.3	56.7	57.3	58.0	58.4	58.7	59.2	59.8	60.5	61.1



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	55.8	56.2	56.5	57.1	57.7	58.2	58.5	58.8	59.5	60.2	60.8
-23.75°	55.5	56.0	56.4	56.8	57.4	58.1	58.4	58.7	59.2	59.8	60.4
-25°	55.1	55.9	56.2	56.6	57.1	57.8	58.2	58.5	58.8	59.4	60.1
-26.25°	54.7	55.6	56.1	56.4	56.8	57.4	58.0	58.4	58.6	59.0	59.6
-27.5°	54.3	55.2	55.9	56.2	56.6	57.1	57.7	58.2	58.5	58.7	59.2
-28.75°	53.9	54.8	55.6	56.1	56.4	56.8	57.3	57.9	58.3	58.5	58.8
-30°	53.3	54.3	55.2	55.9	56.2	56.5	57.0	57.5	58.1	58.4	58.6
-31.25°	52.6	53.8	54.7	55.5	56.0	56.3	56.6	57.1	57.7	58.2	58.4
-32.5°	51.8	53.2	54.2	55.0	55.8	56.1	56.4	56.7	57.3	57.8	58.2
-33.75°	50.9	52.3	53.7	54.5	55.3	55.9	56.2	56.5	56.9	57.4	57.9
-35°	50.1	51.5	52.8	53.9	54.7	55.5	56.0	56.2	56.5	56.9	57.4
-36.25°	49.2	50.6	51.9	53.2	54.2	54.9	55.6	56.0	56.3	56.5	56.9
-37.5°	48.3	49.7	51.0	52.3	53.5	54.3	55.0	55.7	56.0	56.3	56.5
-38.75°	47.4	48.7	50.0	51.3	52.5	53.7	54.4	55.1	55.8	56.0	56.3
-40°	46.5	47.8	49.0	50.3	51.5	52.7	53.7	54.4	55.1	55.7	56.0
-41.25°	45.6	46.8	48.0	49.2	50.4	51.6	52.7	53.7	54.4	55.0	55.6
-42.5°	44.6	45.8	47.0	48.2	49.3	50.4	51.6	52.7	53.7	54.3	54.9
-43.75°	43.6	44.8	46.0	47.1	48.2	49.3	50.4	51.5	52.5	53.5	54.2
-45°	42.6	43.8	44.9	46.0	47.1	48.2	49.2	50.3	51.3	52.3	53.2
-46.25°	41.4	42.7	43.8	44.9	46.0	47.0	48.0	49.0	50.0	51.0	51.9
-47.5°	40.0	41.5	42.7	43.8	44.8	45.8	46.8	47.8	48.7	49.7	50.6
-48.75°	38.6	40.0	41.4	42.6	43.6	44.6	45.6	46.5	47.4	48.3	49.2
-50°	37.2	38.5	39.9	41.2	42.5	43.4	44.3	45.2	46.1	47.0	47.9
-51.25°	35.3	37.0	38.3	39.6	40.9	42.2	43.1	44.0	44.8	45.7	46.5
-52.5°	33.4	35.1	36.7	38.0	39.3	40.5	41.7	42.7	43.5	44.3	45.1
-53.75°	31.4	33.0	34.6	36.2	37.6	38.8	39.9	41.0	42.1	42.9	43.7
-55°	29.6	31.0	32.6	34.1	35.6	37.0	38.1	39.2	40.3	41.3	42.3
-56.25°	28.1	29.2	30.5	31.9	33.4	34.8	36.2	37.4	38.4	39.4	40.4
-57.5°	26.5	27.6	28.7	29.8	31.1	32.5	33.8	35.1	36.4	37.5	38.4
-58.75°	24.9	26.0	27.1	28.1	29.2	30.2	31.4	32.7	33.9	35.1	36.3
-60°	23.3	24.4	25.4	26.4	27.4	28.4	29.3	30.3	31.4	32.6	33.7
-61.25°	21.7	22.7	23.7	24.7	25.6	26.5	27.4	28.3	29.2	30.1	31.1
-62.5°	20.1	21.0	22.0	22.9	23.8	24.7	25.6	26.4	27.2	28.1	28.8
-63.75°	18.9	19.5	20.3	21.1	22.0	22.8	23.7	24.5	25.3	26.0	26.8
-65°	18.0	18.5	19.0	19.5	20.2	21.0	21.8	22.5	23.3	24.0	24.7
-66.25°	17.1	17.5	18.0	18.5	18.9	19.3	19.9	20.6	21.3	22.0	22.7
-67.5°	16.4	16.6	17.0	17.4	17.9	18.3	18.7	19.1	19.4	20.0	20.6
-68.75°	15.9	16.1	16.3	16.5	16.8	17.2	17.6	17.9	18.3	18.7	19.0
-70°	15.4	15.6	15.8	16.0	16.2	16.4	16.5	16.8	17.2	17.5	17.8
-71.25°	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.2	16.3	16.5	16.6
-72.5°	14.1	14.4	14.6	14.9	15.1	15.3	15.4	15.6	15.7	15.9	16.0
-73.75°	13.4	13.6	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.3	15.4
-75°	12.5	12.9	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7
-76.25°	11.3	11.7	12.0	12.3	12.6	12.9	13.1	13.3	13.4	13.6	13.8
-77.5°	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.1	12.4	12.6	12.8



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	9.0	9.2	9.5	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.4
-80°	8.0	8.2	8.4	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9
-81.25°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5
-82.5°	5.9	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3
-83.75°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
-85°	4.0	4.1	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8
-86.25°	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6	3.6
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
-88.75°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
87.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
86.25°	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2
85°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5
83.75°	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0
82.5°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
81.25°	8.7	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	10.0
80°	10.1	10.3	10.5	10.6	10.8	11.0	11.1	11.3	11.4	11.5	11.7
78.75°	11.6	11.8	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.1	13.2
77.5°	13.0	13.1	13.3	13.4	13.5	13.7	13.8	13.9	14.0	14.1	14.2
76.25°	13.9	14.1	14.2	14.4	14.5	14.7	14.8	14.9	15.0	15.1	15.2
75°	14.9	15.0	15.2	15.3	15.4	15.5	15.6	15.7	15.7	15.8	15.9
73.75°	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6
72.5°	16.2	16.3	16.4	16.5	16.7	16.9	17.2	17.4	17.6	17.8	18.0
71.25°	16.9	17.2	17.5	17.7	18.0	18.2	18.5	18.7	18.9	19.1	19.3
70°	18.1	18.4	18.7	19.0	19.3	19.5	19.9	20.4	20.8	21.2	21.6
68.75°	19.3	19.7	20.2	20.8	21.3	21.8	22.3	22.7	23.2	23.6	24.0
67.5°	21.2	21.8	22.4	23.0	23.5	24.1	24.6	25.1	25.5	26.0	26.4
66.25°	23.3	24.0	24.6	25.2	25.8	26.3	26.9	27.4	27.9	28.4	28.8
65°	25.4	26.1	26.8	27.4	28.0	28.6	29.2	29.7	30.3	30.9	31.5
63.75°	27.5	28.2	28.9	29.6	30.3	31.1	31.8	32.6	33.3	34.0	34.6
62.5°	29.6	30.4	31.3	32.2	33.1	34.0	34.8	35.5	36.3	37.0	37.5
61.25°	32.1	33.1	34.1	35.0	36.0	36.8	37.5	38.2	38.8	39.3	39.9
60°	34.8	35.8	36.8	37.6	38.4	39.1	39.8	40.4	41.0	41.7	42.2
58.75°	37.3	38.2	39.0	39.8	40.5	41.3	42.0	42.5	43.0	43.5	43.9
57.5°	39.3	40.2	41.0	41.9	42.6	43.1	43.7	44.2	44.7	45.2	45.6
56.25°	41.3	42.2	42.9	43.5	44.1	44.7	45.3	45.8	46.4	46.9	47.3
55°	43.0	43.7	44.4	45.0	45.7	46.3	46.9	47.5	48.0	48.5	49.0
53.75°	44.4	45.2	45.9	46.6	47.2	47.9	48.5	49.1	49.7	50.2	50.7
52.5°	45.9	46.6	47.4	48.1	48.8	49.4	50.1	50.7	51.3	51.9	52.4
51.25°	47.3	48.1	48.8	49.6	50.3	51.0	51.7	52.3	52.9	53.5	53.9
50°	48.7	49.5	50.3	51.1	51.8	52.5	53.2	53.8	54.2	54.5	54.9
48.75°	50.1	50.9	51.8	52.6	53.3	53.9	54.3	54.7	55.1	55.5	55.8
47.5°	51.5	52.3	53.2	53.8	54.3	54.8	55.2	55.6	55.9	56.0	56.2
46.25°	52.8	53.7	54.2	54.7	55.2	55.6	55.9	56.1	56.2	56.4	56.5
45°	53.9	54.5	55.0	55.5	55.9	56.1	56.2	56.4	56.6	56.8	57.1
43.75°	54.7	55.3	55.8	56.0	56.2	56.4	56.6	56.8	57.1	57.4	57.7
42.5°	55.5	55.9	56.1	56.3	56.5	56.8	57.1	57.4	57.8	58.1	58.2
41.25°	56.0	56.2	56.4	56.6	57.0	57.3	57.7	58.0	58.2	58.4	58.5
40°	56.2	56.5	56.7	57.1	57.5	57.9	58.2	58.4	58.5	58.7	58.8
38.75°	56.5	56.9	57.3	57.7	58.1	58.3	58.5	58.6	58.8	59.2	59.5
37.5°	56.9	57.4	57.8	58.2	58.4	58.5	58.7	59.0	59.4	59.8	60.2
36.25°	57.4	57.9	58.2	58.4	58.6	58.8	59.2	59.6	60.1	60.4	60.8
35°	57.9	58.2	58.4	58.6	58.9	59.4	59.8	60.3	60.7	61.0	61.4



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	58.2	58.4	58.7	59.0	59.5	60.0	60.4	60.8	61.2	61.6	62.1
32.5°	58.4	58.7	59.0	59.5	60.0	60.5	61.0	61.4	61.8	62.5	63.3
31.25°	58.6	59.0	59.5	60.1	60.6	61.0	61.5	62.0	62.8	63.7	64.5
30°	58.9	59.5	60.0	60.6	61.1	61.5	62.1	63.1	64.0	64.8	66.8
28.75°	59.4	60.0	60.5	61.0	61.5	62.2	63.2	64.1	65.2	67.5	69.7
27.5°	59.8	60.4	61.0	61.5	62.1	63.2	64.2	65.5	67.9	70.2	72.7
26.25°	60.3	60.8	61.4	62.0	63.1	64.1	65.5	68.1	70.5	73.9	80.8
25°	60.7	61.2	61.8	62.8	64.0	65.2	67.9	70.5	74.4	81.6	88.7
23.75°	61.0	61.6	62.5	63.7	64.8	67.5	70.2	73.9	81.6	89.1	96.5
22.5°	61.4	62.1	63.3	64.5	66.8	69.7	72.7	80.8	88.7	96.5	104.6
21.25°	61.8	62.9	64.1	65.9	68.9	71.8	79.1	87.4	95.6	104.1	112.4
20°	62.3	63.6	64.8	67.8	70.8	76.5	85.2	93.7	102.6	111.4	120.7
18.75°	62.9	64.2	66.4	69.6	73.2	82.2	91.1	100.2	109.4	118.7	130.6
17.5°	63.5	64.9	68.0	71.3	78.4	87.6	96.9	106.5	115.9	127.4	153.8
16.25°	64.1	66.3	69.6	73.8	83.3	92.7	102.6	112.4	123.4	145.0	193.9
15°	64.7	67.7	71.1	78.2	87.9	97.8	107.9	118.1	132.7	170.3	243.9
13.75°	65.6	69.0	72.5	82.4	92.3	102.6	113.0	124.9	150.9	211.6	302.6
12.5°	66.7	70.2	76.1	86.2	96.4	107.1	117.7	133.4	176.1	258.0	364.1
11.25°	67.8	71.3	79.5	89.7	100.3	111.2	123.2	148.3	210.0	306.4	423.7
10°	68.7	72.3	82.5	92.9	103.9	114.9	128.3	163.2	245.5	355.9	479.9
8.75°	69.6	74.7	85.3	95.9	107.1	118.4	137.4	189.5	283.1	402.4	530.7
7.5°	70.3	77.0	87.6	98.5	109.9	122.2	147.5	212.6	316.2	444.0	576.2
6.25°	70.9	78.9	89.7	100.8	112.2	125.4	156.2	234.0	349.1	480.4	615.4
5°	71.5	80.5	91.3	102.7	114.2	128.0	166.3	256.2	376.6	510.5	648.0
3.75°	71.9	81.7	92.6	104.1	115.7	130.6	178.5	273.7	398.2	534.2	671.9
2.5°	72.2	82.6	93.6	105.2	116.8	134.5	187.2	286.2	413.8	551.5	689.0
1.25°	72.3	83.2	94.1	105.8	117.5	136.8	192.5	293.8	423.2	562.0	699.3
0°	72.4	83.4	94.3	106.0	117.7	137.5	194.3	296.3	426.3	565.5	702.8
-1.25°	72.3	83.2	94.1	105.8	117.5	136.8	192.5	293.8	423.2	562.0	699.3
-2.5°	72.2	82.6	93.6	105.2	116.8	134.5	187.2	286.2	413.8	551.5	689.0
-3.75°	71.9	81.7	92.6	104.1	115.7	130.6	178.5	273.7	398.2	534.2	671.9
-5°	71.5	80.5	91.3	102.7	114.2	128.0	166.3	256.2	376.6	510.5	648.0
-6.25°	70.9	78.9	89.7	100.8	112.2	125.4	156.2	234.0	349.1	480.4	615.4
-7.5°	70.3	77.0	87.6	98.5	109.9	122.2	147.5	212.6	316.2	444.0	576.2
-8.75°	69.6	74.7	85.3	95.9	107.1	118.4	137.4	189.5	283.1	402.4	530.7
-10°	68.7	72.3	82.5	92.9	103.9	114.9	128.3	163.2	245.5	355.9	479.9
-11.25°	67.8	71.3	79.5	89.7	100.3	111.2	123.2	148.3	210.0	306.4	423.7
-12.5°	66.7	70.2	76.1	86.2	96.4	107.1	117.7	133.4	176.1	258.0	364.1
-13.75°	65.6	69.0	72.5	82.4	92.3	102.6	113.0	124.9	150.9	211.6	302.6
-15°	64.7	67.7	71.1	78.2	87.9	97.8	107.9	118.1	132.7	170.3	243.9
-16.25°	64.1	66.3	69.6	73.8	83.3	92.7	102.6	112.4	123.4	145.0	193.9
-17.5°	63.5	64.9	68.0	71.3	78.4	87.6	96.9	106.5	115.9	127.4	153.8
-18.75°	62.9	64.2	66.4	69.6	73.2	82.2	91.1	100.2	109.4	118.7	130.6
-20°	62.3	63.6	64.8	67.8	70.8	76.5	85.2	93.7	102.6	111.4	120.7
-21.25°	61.8	62.9	64.1	65.9	68.9	71.8	79.1	87.4	95.6	104.1	112.4





REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	61.4	62.1	63.3	64.5	66.8	69.7	72.7	80.8	88.7	96.5	104.6
-23.75°	61.0	61.6	62.5	63.7	64.8	67.5	70.2	73.9	81.6	89.1	96.5
-25°	60.7	61.2	61.8	62.8	64.0	65.2	67.9	70.5	74.4	81.6	88.7
-26.25°	60.3	60.8	61.4	62.0	63.1	64.1	65.5	68.1	70.5	73.9	80.8
-27.5°	59.8	60.4	61.0	61.5	62.1	63.2	64.2	65.5	67.9	70.2	72.7
-28.75°	59.4	60.0	60.5	61.0	61.5	62.2	63.2	64.1	65.2	67.5	69.7
-30°	58.9	59.5	60.0	60.6	61.1	61.5	62.1	63.1	64.0	64.8	66.8
-31.25°	58.6	59.0	59.5	60.1	60.6	61.0	61.5	62.0	62.8	63.7	64.5
-32.5°	58.4	58.7	59.0	59.5	60.0	60.5	61.0	61.4	61.8	62.5	63.3
-33.75°	58.2	58.4	58.7	59.0	59.5	60.0	60.4	60.8	61.2	61.6	62.1
-35°	57.9	58.2	58.4	58.6	58.9	59.4	59.8	60.3	60.7	61.0	61.4
-36.25°	57.4	57.9	58.2	58.4	58.6	58.8	59.2	59.6	60.1	60.4	60.8
-37.5°	56.9	57.4	57.8	58.2	58.4	58.5	58.7	59.0	59.4	59.8	60.2
-38.75°	56.5	56.9	57.3	57.7	58.1	58.3	58.5	58.6	58.8	59.2	59.5
-40°	56.2	56.5	56.7	57.1	57.5	57.9	58.2	58.4	58.5	58.7	58.8
-41.25°	56.0	56.2	56.4	56.6	57.0	57.3	57.7	58.0	58.2	58.4	58.5
-42.5°	55.5	55.9	56.1	56.3	56.5	56.8	57.1	57.4	57.8	58.1	58.2
-43.75°	54.7	55.3	55.8	56.0	56.2	56.4	56.6	56.8	57.1	57.4	57.7
-45°	53.9	54.5	55.0	55.5	55.9	56.1	56.2	56.4	56.6	56.8	57.1
-46.25°	52.8	53.7	54.2	54.7	55.2	55.6	55.9	56.1	56.2	56.4	56.5
-47.5°	51.5	52.3	53.2	53.8	54.3	54.8	55.2	55.6	55.9	56.0	56.2
-48.75°	50.1	50.9	51.8	52.6	53.3	53.9	54.3	54.7	55.1	55.5	55.8
-50°	48.7	49.5	50.3	51.1	51.8	52.5	53.2	53.8	54.2	54.5	54.9
-51.25°	47.3	48.1	48.8	49.6	50.3	51.0	51.7	52.3	52.9	53.5	53.9
-52.5°	45.9	46.6	47.4	48.1	48.8	49.4	50.1	50.7	51.3	51.9	52.4
-53.75°	44.4	45.2	45.9	46.6	47.2	47.9	48.5	49.1	49.7	50.2	50.7
-55°	43.0	43.7	44.4	45.0	45.7	46.3	46.9	47.5	48.0	48.5	49.0
-56.25°	41.3	42.2	42.9	43.5	44.1	44.7	45.3	45.8	46.4	46.9	47.3
-57.5°	39.3	40.2	41.0	41.9	42.6	43.1	43.7	44.2	44.7	45.2	45.6
-58.75°	37.3	38.2	39.0	39.8	40.5	41.3	42.0	42.5	43.0	43.5	43.9
-60°	34.8	35.8	36.8	37.6	38.4	39.1	39.8	40.4	41.0	41.7	42.2
-61.25°	32.1	33.1	34.1	35.0	36.0	36.8	37.5	38.2	38.8	39.3	39.9
-62.5°	29.6	30.4	31.3	32.2	33.1	34.0	34.8	35.5	36.3	37.0	37.5
-63.75°	27.5	28.2	28.9	29.6	30.3	31.1	31.8	32.6	33.3	34.0	34.6
-65°	25.4	26.1	26.8	27.4	28.0	28.6	29.2	29.7	30.3	30.9	31.5
-66.25°	23.3	24.0	24.6	25.2	25.8	26.3	26.9	27.4	27.9	28.4	28.8
-67.5°	21.2	21.8	22.4	23.0	23.5	24.1	24.6	25.1	25.5	26.0	26.4
-68.75°	19.3	19.7	20.2	20.8	21.3	21.8	22.3	22.7	23.2	23.6	24.0
-70°	18.1	18.4	18.7	19.0	19.3	19.5	19.9	20.4	20.8	21.2	21.6
-71.25°	16.9	17.2	17.5	17.7	18.0	18.2	18.5	18.7	18.9	19.1	19.3
-72.5°	16.2	16.3	16.4	16.5	16.7	16.9	17.2	17.4	17.6	17.8	18.0
-73.75°	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6
-75°	14.9	15.0	15.2	15.3	15.4	15.5	15.6	15.7	15.7	15.8	15.9
-76.25°	13.9	14.1	14.2	14.4	14.5	14.7	14.8	14.9	15.0	15.1	15.2
-77.5°	13.0	13.1	13.3	13.4	13.5	13.7	13.8	13.9	14.0	14.1	14.2



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	11.6	11.8	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.1	13.2
-80°	10.1	10.3	10.5	10.6	10.8	11.0	11.1	11.3	11.4	11.5	11.7
-81.25°	8.7	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	10.0
-82.5°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
-83.75°	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0
-85°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5
-86.25°	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2
-87.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
-88.75°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
87.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
86.25°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
85°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
83.75°	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5
82.5°	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.0
81.25°	10.1	10.2	10.3	10.3	10.4	10.5	10.6	10.6	10.7	10.8	10.8
80°	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.4	12.5	12.6	12.6
78.75°	13.2	13.3	13.4	13.5	13.5	13.6	13.6	13.7	13.7	13.8	13.8
77.5°	14.3	14.4	14.5	14.6	14.6	14.7	14.8	14.8	14.9	14.9	15.0
76.25°	15.3	15.3	15.4	15.5	15.5	15.6	15.6	15.7	15.7	15.7	15.8
75°	16.0	16.0	16.1	16.2	16.2	16.3	16.3	16.4	16.4	16.5	16.5
73.75°	16.7	16.9	17.0	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9
72.5°	18.1	18.3	18.5	18.6	18.7	18.9	19.0	19.1	19.2	19.3	19.3
71.25°	19.5	19.8	20.1	20.3	20.6	20.8	21.1	21.3	21.5	21.6	21.8
70°	21.9	22.2	22.6	22.9	23.1	23.4	23.6	23.9	24.1	24.2	24.4
68.75°	24.4	24.7	25.1	25.4	25.7	25.9	26.2	26.4	26.6	26.8	27.0
67.5°	26.8	27.2	27.5	27.9	28.2	28.5	28.8	29.0	29.2	29.4	29.6
66.25°	29.2	29.6	30.0	30.4	30.9	31.3	31.6	32.0	32.3	32.6	32.8
65°	32.1	32.6	33.2	33.7	34.1	34.5	34.9	35.3	35.6	35.9	36.2
63.75°	35.2	35.8	36.3	36.9	37.3	37.6	37.9	38.2	38.5	38.7	38.9
62.5°	38.0	38.5	38.9	39.3	39.7	40.1	40.4	40.7	41.0	41.3	41.5
61.25°	40.4	40.9	41.4	41.8	42.2	42.5	42.7	43.0	43.2	43.4	43.5
60°	42.6	43.0	43.4	43.7	44.0	44.3	44.6	44.8	45.0	45.2	45.4
58.75°	44.3	44.7	45.1	45.5	45.8	46.1	46.4	46.7	46.9	47.1	47.3
57.5°	46.1	46.5	46.9	47.3	47.6	47.9	48.2	48.5	48.7	49.0	49.2
56.25°	47.8	48.2	48.6	49.0	49.4	49.7	50.0	50.3	50.6	50.8	51.0
55°	49.5	50.0	50.4	50.8	51.2	51.5	51.9	52.2	52.4	52.7	52.9
53.75°	51.2	51.7	52.2	52.6	53.0	53.3	53.6	53.8	54.0	54.1	54.3
52.5°	52.9	53.4	53.8	54.0	54.3	54.5	54.7	54.9	55.1	55.2	55.4
51.25°	54.2	54.5	54.8	55.1	55.3	55.5	55.8	55.9	55.9	56.0	56.0
50°	55.2	55.5	55.8	55.9	56.0	56.1	56.2	56.2	56.3	56.4	56.4
48.75°	55.9	56.1	56.2	56.3	56.4	56.5	56.5	56.6	56.8	56.9	57.0
47.5°	56.3	56.4	56.5	56.7	56.9	57.0	57.2	57.4	57.5	57.6	57.7
46.25°	56.7	56.9	57.1	57.4	57.6	57.7	57.9	58.1	58.2	58.2	58.3
45°	57.3	57.6	57.8	58.0	58.2	58.3	58.3	58.4	58.5	58.6	58.6
43.75°	58.0	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.2
42.5°	58.4	58.5	58.6	58.7	58.8	59.1	59.3	59.5	59.6	59.8	59.9
41.25°	58.7	58.8	59.1	59.3	59.6	59.8	60.0	60.2	60.4	60.6	60.7
40°	59.2	59.5	59.8	60.0	60.3	60.5	60.7	60.9	61.1	61.3	61.4
38.75°	59.8	60.2	60.5	60.7	61.0	61.2	61.4	61.7	61.8	62.1	62.4
37.5°	60.5	60.8	61.1	61.4	61.7	61.9	62.4	62.8	63.2	63.6	63.9
36.25°	61.1	61.5	61.8	62.2	62.8	63.3	63.8	64.2	64.6	65.1	66.0
35°	61.8	62.3	62.9	63.5	64.1	64.7	65.6	66.7	67.8	68.7	69.6



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	62.9	63.6	64.2	64.9	66.3	67.7	69.0	70.2	71.3	72.3	74.7
32.5°	64.1	64.8	66.4	68.0	69.6	71.1	72.5	76.1	79.5	82.5	85.3
31.25°	65.9	67.8	69.6	71.3	73.8	78.2	82.4	86.2	89.7	92.9	95.9
30°	68.9	70.8	73.2	78.4	83.3	87.9	92.3	96.4	100.3	103.9	107.1
28.75°	71.8	76.5	82.2	87.6	92.7	97.8	102.6	107.1	111.2	114.9	118.4
27.5°	79.1	85.2	91.1	96.9	102.6	107.9	113.0	117.7	123.2	128.3	137.4
26.25°	87.4	93.7	100.2	106.5	112.4	118.1	124.9	133.4	148.3	163.2	189.5
25°	95.6	102.6	109.4	115.9	123.4	132.7	150.9	176.1	210.0	245.5	283.1
23.75°	104.1	111.4	118.7	127.4	145.0	170.3	211.6	258.0	306.4	355.9	402.4
22.5°	112.4	120.7	130.6	153.8	193.9	243.9	302.6	364.1	423.7	479.9	530.7
21.25°	121.3	134.1	159.2	209.8	271.6	339.6	411.7	481.0	546.0	606.6	660.4
20°	134.1	161.3	217.8	288.3	366.5	446.9	525.0	599.6	667.8	727.0	777.3
18.75°	159.2	217.8	294.0	380.1	468.6	555.1	638.5	712.3	777.0	831.4	876.5
17.5°	209.8	288.3	380.1	475.9	570.4	661.3	742.4	810.8	869.8	920.3	973.6
16.25°	271.6	366.5	468.6	570.4	668.7	757.3	831.3	894.6	957.1	1020.6	1098.0
15°	339.6	446.9	555.1	661.3	757.3	838.2	907.2	980.3	1063.3	1154.9	1261.2
13.75°	411.7	525.0	638.5	742.4	831.3	907.2	988.1	1085.1	1198.6	1323.7	1462.7
12.5°	481.0	599.6	712.3	810.8	894.6	980.3	1085.1	1213.3	1361.5	1523.8	1706.3
11.25°	546.0	667.8	777.0	869.8	957.1	1063.3	1198.6	1361.5	1548.3	1757.9	1973.3
10°	606.6	727.0	831.4	920.3	1020.6	1154.9	1323.7	1523.8	1757.9	2003.6	2252.9
8.75°	660.4	777.3	876.5	973.6	1098.0	1261.2	1462.7	1706.3	1973.3	2252.9	2529.7
7.5°	705.2	818.6	915.0	1022.4	1172.8	1366.5	1605.2	1883.6	2182.9	2490.7	2800.6
6.25°	743.7	853.3	952.3	1078.9	1250.5	1468.8	1740.6	2046.4	2375.9	2711.5	3054.7
5°	773.1	879.2	985.2	1126.2	1316.3	1564.4	1865.1	2196.5	2545.8	2911.5	3279.4
3.75°	795.1	899.8	1011.2	1167.8	1379.8	1648.8	1966.4	2317.3	2686.7	3076.6	3462.1
2.5°	810.9	914.6	1033.0	1202.7	1425.9	1710.2	2041.1	2408.6	2795.4	3200.1	3599.0
1.25°	820.5	923.5	1048.3	1223.8	1453.8	1747.6	2090.3	2464.7	2862.2	3276.4	3683.8
0°	823.7	926.5	1053.4	1230.9	1463.2	1760.1	2106.8	2483.6	2884.8	3302.2	3712.6
-1.25°	820.5	923.5	1048.3	1223.8	1453.8	1747.6	2090.3	2464.7	2862.2	3276.4	3683.8
-2.5°	810.9	914.6	1033.0	1202.7	1425.9	1710.2	2041.1	2408.6	2795.4	3200.1	3599.0
-3.75°	795.1	899.8	1011.2	1167.8	1379.8	1648.8	1966.4	2317.3	2686.7	3076.6	3462.1
-5°	773.1	879.2	985.2	1126.2	1316.3	1564.4	1865.1	2196.5	2545.8	2911.5	3279.4
-6.25°	743.7	853.3	952.3	1078.9	1250.5	1468.8	1740.6	2046.4	2375.9	2711.5	3054.7
-7.5°	705.2	818.6	915.0	1022.4	1172.8	1366.5	1605.2	1883.6	2182.9	2490.7	2800.6
-8.75°	660.4	777.3	876.5	973.6	1098.0	1261.2	1462.7	1706.3	1973.3	2252.9	2529.7
-10°	606.6	727.0	831.4	920.3	1020.6	1154.9	1323.7	1523.8	1757.9	2003.6	2252.9
-11.25°	546.0	667.8	777.0	869.8	957.1	1063.3	1198.6	1361.5	1548.3	1757.9	1973.3
-12.5°	481.0	599.6	712.3	810.8	894.6	980.3	1085.1	1213.3	1361.5	1523.8	1706.3
-13.75°	411.7	525.0	638.5	742.4	831.3	907.2	988.1	1085.1	1198.6	1323.7	1462.7
-15°	339.6	446.9	555.1	661.3	757.3	838.2	907.2	980.3	1063.3	1154.9	1261.2
-16.25°	271.6	366.5	468.6	570.4	668.7	757.3	831.3	894.6	957.1	1020.6	1098.0
-17.5°	209.8	288.3	380.1	475.9	570.4	661.3	742.4	810.8	869.8	920.3	973.6
-18.75°	159.2	217.8	294.0	380.1	468.6	555.1	638.5	712.3	777.0	831.4	876.5
-20°	134.1	161.3	217.8	288.3	366.5	446.9	525.0	599.6	667.8	727.0	777.3
-21.25°	121.3	134.1	159.2	209.8	271.6	339.6	411.7	481.0	546.0	606.6	660.4



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	112.4	120.7	130.6	153.8	193.9	243.9	302.6	364.1	423.7	479.9	530.7
-23.75°	104.1	111.4	118.7	127.4	145.0	170.3	211.6	258.0	306.4	355.9	402.4
-25°	95.6	102.6	109.4	115.9	123.4	132.7	150.9	176.1	210.0	245.5	283.1
-26.25°	87.4	93.7	100.2	106.5	112.4	118.1	124.9	133.4	148.3	163.2	189.5
-27.5°	79.1	85.2	91.1	96.9	102.6	107.9	113.0	117.7	123.2	128.3	137.4
-28.75°	71.8	76.5	82.2	87.6	92.7	97.8	102.6	107.1	111.2	114.9	118.4
-30°	68.9	70.8	73.2	78.4	83.3	87.9	92.3	96.4	100.3	103.9	107.1
-31.25°	65.9	67.8	69.6	71.3	73.8	78.2	82.4	86.2	89.7	92.9	95.9
-32.5°	64.1	64.8	66.4	68.0	69.6	71.1	72.5	76.1	79.5	82.5	85.3
-33.75°	62.9	63.6	64.2	64.9	66.3	67.7	69.0	70.2	71.3	72.3	74.7
-35°	61.8	62.3	62.9	63.5	64.1	64.7	65.6	66.7	67.8	68.7	69.6
-36.25°	61.1	61.5	61.8	62.2	62.8	63.3	63.8	64.2	64.6	65.1	66.0
-37.5°	60.5	60.8	61.1	61.4	61.7	61.9	62.4	62.8	63.2	63.6	63.9
-38.75°	59.8	60.2	60.5	60.7	61.0	61.2	61.4	61.7	61.8	62.1	62.4
-40°	59.2	59.5	59.8	60.0	60.3	60.5	60.7	60.9	61.1	61.3	61.4
-41.25°	58.7	58.8	59.1	59.3	59.6	59.8	60.0	60.2	60.4	60.6	60.7
-42.5°	58.4	58.5	58.6	58.7	58.8	59.1	59.3	59.5	59.6	59.8	59.9
-43.75°	58.0	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.2
-45°	57.3	57.6	57.8	58.0	58.2	58.3	58.3	58.4	58.5	58.6	58.6
-46.25°	56.7	56.9	57.1	57.4	57.6	57.7	57.9	58.1	58.2	58.2	58.3
-47.5°	56.3	56.4	56.5	56.7	56.9	57.0	57.2	57.4	57.5	57.6	57.7
-48.75°	55.9	56.1	56.2	56.3	56.4	56.5	56.5	56.6	56.8	56.9	57.0
-50°	55.2	55.5	55.8	55.9	56.0	56.1	56.2	56.2	56.3	56.4	56.4
-51.25°	54.2	54.5	54.8	55.1	55.3	55.5	55.8	55.9	55.9	56.0	56.0
-52.5°	52.9	53.4	53.8	54.0	54.3	54.5	54.7	54.9	55.1	55.2	55.4
-53.75°	51.2	51.7	52.2	52.6	53.0	53.3	53.6	53.8	54.0	54.1	54.3
-55°	49.5	50.0	50.4	50.8	51.2	51.5	51.9	52.2	52.4	52.7	52.9
-56.25°	47.8	48.2	48.6	49.0	49.4	49.7	50.0	50.3	50.6	50.8	51.0
-57.5°	46.1	46.5	46.9	47.3	47.6	47.9	48.2	48.5	48.7	49.0	49.2
-58.75°	44.3	44.7	45.1	45.5	45.8	46.1	46.4	46.7	46.9	47.1	47.3
-60°	42.6	43.0	43.4	43.7	44.0	44.3	44.6	44.8	45.0	45.2	45.4
-61.25°	40.4	40.9	41.4	41.8	42.2	42.5	42.7	43.0	43.2	43.4	43.5
-62.5°	38.0	38.5	38.9	39.3	39.7	40.1	40.4	40.7	41.0	41.3	41.5
-63.75°	35.2	35.8	36.3	36.9	37.3	37.6	37.9	38.2	38.5	38.7	38.9
-65°	32.1	32.6	33.2	33.7	34.1	34.5	34.9	35.3	35.6	35.9	36.2
-66.25°	29.2	29.6	30.0	30.4	30.9	31.3	31.6	32.0	32.3	32.6	32.8
-67.5°	26.8	27.2	27.5	27.9	28.2	28.5	28.8	29.0	29.2	29.4	29.6
-68.75°	24.4	24.7	25.1	25.4	25.7	25.9	26.2	26.4	26.6	26.8	27.0
-70°	21.9	22.2	22.6	22.9	23.1	23.4	23.6	23.9	24.1	24.2	24.4
-71.25°	19.5	19.8	20.1	20.3	20.6	20.8	21.1	21.3	21.5	21.6	21.8
-72.5°	18.1	18.3	18.5	18.6	18.7	18.9	19.0	19.1	19.2	19.3	19.3
-73.75°	16.7	16.9	17.0	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9
-75°	16.0	16.0	16.1	16.2	16.2	16.3	16.3	16.4	16.4	16.5	16.5
-76.25°	15.3	15.3	15.4	15.5	15.5	15.6	15.6	15.7	15.7	15.7	15.8
-77.5°	14.3	14.4	14.5	14.6	14.6	14.7	14.8	14.8	14.9	14.9	15.0



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	13.2	13.3	13.4	13.5	13.5	13.6	13.6	13.7	13.7	13.8	13.8
-80°	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.4	12.5	12.6	12.6
-81.25°	10.1	10.2	10.3	10.3	10.4	10.5	10.6	10.6	10.7	10.8	10.8
-82.5°	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.0
-83.75°	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5
-85°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
-86.25°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
-87.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
-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: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
86.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
83.75°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
82.5°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
81.25°	10.8	10.9	10.9	10.9	10.9	10.9	11.0	10.9	10.9	10.9	10.9
80°	12.7	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7
78.75°	13.9	13.9	13.9	13.9	13.9	13.9	14.0	13.9	13.9	13.9	13.9
77.5°	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
76.25°	15.8	15.8	15.8	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.8
75°	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
73.75°	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0
72.5°	19.4	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5
71.25°	21.9	22.0	22.1	22.2	22.2	22.2	22.3	22.2	22.2	22.2	22.1
70°	24.5	24.6	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.8	24.7
68.75°	27.1	27.3	27.4	27.4	27.5	27.5	27.6	27.5	27.5	27.4	27.4
67.5°	29.8	29.9	30.0	30.1	30.2	30.2	30.2	30.2	30.2	30.1	30.0
66.25°	33.0	33.2	33.3	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.3
65°	36.4	36.6	36.7	36.8	36.9	37.0	37.0	37.0	36.9	36.8	36.7
63.75°	39.1	39.3	39.4	39.5	39.5	39.6	39.6	39.6	39.5	39.5	39.4
62.5°	41.7	41.8	42.0	42.1	42.1	42.2	42.2	42.2	42.1	42.1	42.0
61.25°	43.7	43.8	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.0	43.9
60°	45.6	45.7	45.8	45.9	46.0	46.0	46.0	46.0	46.0	45.9	45.8
58.75°	47.4	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.8	47.8	47.7
57.5°	49.3	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.7	49.7	49.6
56.25°	51.2	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.6	51.6	51.5
55°	53.1	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.5	53.5	53.4
53.75°	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.6	54.6
52.5°	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.7	55.7
51.25°	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.1
50°	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.5
48.75°	57.1	57.2	57.2	57.3	57.3	57.3	57.4	57.3	57.3	57.3	57.2
47.5°	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.0	58.0
46.25°	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.4	58.4	58.4	58.4
45°	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.7
43.75°	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.5	59.5
42.5°	60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.3	60.2
41.25°	60.8	60.9	61.0	61.1	61.1	61.1	61.2	61.1	61.1	61.1	61.0
40°	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.8	61.7
38.75°	62.7	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.3	63.2	63.1
37.5°	64.1	64.4	64.6	64.7	64.8	64.9	64.9	64.9	64.8	64.7	64.6
36.25°	66.7	67.3	67.8	68.1	68.4	68.6	68.7	68.6	68.4	68.1	67.8
35°	70.3	70.9	71.5	71.9	72.2	72.3	72.4	72.3	72.2	71.9	71.5

REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	77.0	78.9	80.5	81.7	82.6	83.2	83.4	83.2	82.6	81.7	80.5
32.5°	87.6	89.7	91.3	92.6	93.6	94.1	94.3	94.1	93.6	92.6	91.3
31.25°	98.5	100.8	102.7	104.1	105.2	105.8	106.0	105.8	105.2	104.1	102.7
30°	109.9	112.2	114.2	115.7	116.8	117.5	117.7	117.5	116.8	115.7	114.2
28.75°	122.2	125.4	128.0	130.6	134.5	136.8	137.5	136.8	134.5	130.6	128.0
27.5°	147.5	156.2	166.3	178.5	187.2	192.5	194.3	192.5	187.2	178.5	166.3
26.25°	212.6	234.0	256.2	273.7	286.2	293.8	296.3	293.8	286.2	273.7	256.2
25°	316.2	349.1	376.6	398.2	413.8	423.2	426.3	423.2	413.8	398.2	376.6
23.75°	444.0	480.4	510.5	534.2	551.5	562.0	565.5	562.0	551.5	534.2	510.5
22.5°	576.2	615.4	648.0	671.9	689.0	699.3	702.8	699.3	689.0	671.9	648.0
21.25°	705.2	743.7	773.1	795.1	810.9	820.5	823.7	820.5	810.9	795.1	773.1
20°	818.6	853.3	879.2	899.8	914.6	923.5	926.5	923.5	914.6	899.8	879.2
18.75°	915.0	952.3	985.2	1011.2	1033.0	1048.3	1053.4	1048.3	1033.0	1011.2	985.2
17.5°	1022.4	1078.9	1126.2	1167.8	1202.7	1223.8	1230.9	1223.8	1202.7	1167.8	1126.2
16.25°	1172.8	1250.5	1316.3	1379.8	1425.9	1453.8	1463.2	1453.8	1425.9	1379.8	1316.3
15°	1366.5	1468.8	1564.4	1648.8	1710.2	1747.6	1760.1	1747.6	1710.2	1648.8	1564.4
13.75°	1605.2	1740.6	1865.1	1966.4	2041.1	2090.3	2106.8	2090.3	2041.1	1966.4	1865.1
12.5°	1883.6	2046.4	2196.5	2317.3	2408.6	2464.7	2483.6	2464.7	2408.6	2317.3	2196.5
11.25°	2182.9	2375.9	2545.8	2686.7	2795.4	2862.2	2884.8	2862.2	2795.4	2686.7	2545.8
10°	2490.7	2711.5	2911.5	3076.6	3200.1	3276.4	3302.2	3276.4	3200.1	3076.6	2911.5
8.75°	2800.6	3054.7	3279.4	3462.1	3599.0	3683.8	3712.6	3683.8	3599.0	3462.1	3279.4
7.5°	3104.1	3384.0	3629.1	3833.0	3985.9	4075.7	4106.4	4075.7	3985.9	3833.0	3629.1
6.25°	3384.0	3686.5	3957.7	4170.7	4324.3	4414.7	4445.9	4414.7	4324.3	4170.7	3957.7
5°	3629.1	3957.7	4235.9	4446.6	4603.3	4702.8	4737.9	4702.8	4603.3	4446.6	4235.9
3.75°	3833.0	4170.7	4446.6	4669.0	4828.1	4928.2	4960.9	4928.2	4828.1	4669.0	4446.6
2.5°	3985.9	4324.3	4603.3	4828.1	4995.6	5103.1	5133.6	5103.1	4995.6	4828.1	4603.3
1.25°	4075.7	4414.7	4702.8	4928.2	5103.1	5203.7	5244.7	5203.7	5103.1	4928.2	4702.8
0°	4106.4	4445.9	4737.9	4960.9	5133.6	5244.7	5323.3	5244.7	5133.6	4960.9	4737.9
-1.25°	4075.7	4414.7	4702.8	4928.2	5103.1	5203.7	5244.7	5203.7	5103.1	4928.2	4702.8
-2.5°	3985.9	4324.3	4603.3	4828.1	4995.6	5103.1	5133.6	5103.1	4995.6	4828.1	4603.3
-3.75°	3833.0	4170.7	4446.6	4669.0	4828.1	4928.2	4960.9	4928.2	4828.1	4669.0	4446.6
-5°	3629.1	3957.7	4235.9	4446.6	4603.3	4702.8	4737.9	4702.8	4603.3	4446.6	4235.9
-6.25°	3384.0	3686.5	3957.7	4170.7	4324.3	4414.7	4445.9	4414.7	4324.3	4170.7	3957.7
-7.5°	3104.1	3384.0	3629.1	3833.0	3985.9	4075.7	4106.4	4075.7	3985.9	3833.0	3629.1
-8.75°	2800.6	3054.7	3279.4	3462.1	3599.0	3683.8	3712.6	3683.8	3599.0	3462.1	3279.4
-10°	2490.7	2711.5	2911.5	3076.6	3200.1	3276.4	3302.2	3276.4	3200.1	3076.6	2911.5
-11.25°	2182.9	2375.9	2545.8	2686.7	2795.4	2862.2	2884.8	2862.2	2795.4	2686.7	2545.8
-12.5°	1883.6	2046.4	2196.5	2317.3	2408.6	2464.7	2483.6	2464.7	2408.6	2317.3	2196.5
-13.75°	1605.2	1740.6	1865.1	1966.4	2041.1	2090.3	2106.8	2090.3	2041.1	1966.4	1865.1
-15°	1366.5	1468.8	1564.4	1648.8	1710.2	1747.6	1760.1	1747.6	1710.2	1648.8	1564.4
-16.25°	1172.8	1250.5	1316.3	1379.8	1425.9	1453.8	1463.2	1453.8	1425.9	1379.8	1316.3
-17.5°	1022.4	1078.9	1126.2	1167.8	1202.7	1223.8	1230.9	1223.8	1202.7	1167.8	1126.2
-18.75°	915.0	952.3	985.2	1011.2	1033.0	1048.3	1053.4	1048.3	1033.0	1011.2	985.2
-20°	818.6	853.3	879.2	899.8	914.6	923.5	926.5	923.5	914.6	899.8	879.2
-21.25°	705.2	743.7	773.1	795.1	810.9	820.5	823.7	820.5	810.9	795.1	773.1





REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	576.2	615.4	648.0	671.9	689.0	699.3	702.8	699.3	689.0	671.9	648.0
-23.75°	444.0	480.4	510.5	534.2	551.5	562.0	565.5	562.0	551.5	534.2	510.5
-25°	316.2	349.1	376.6	398.2	413.8	423.2	426.3	423.2	413.8	398.2	376.6
-26.25°	212.6	234.0	256.2	273.7	286.2	293.8	296.3	293.8	286.2	273.7	256.2
-27.5°	147.5	156.2	166.3	178.5	187.2	192.5	194.3	192.5	187.2	178.5	166.3
-28.75°	122.2	125.4	128.0	130.6	134.5	136.8	137.5	136.8	134.5	130.6	128.0
-30°	109.9	112.2	114.2	115.7	116.8	117.5	117.7	117.5	116.8	115.7	114.2
-31.25°	98.5	100.8	102.7	104.1	105.2	105.8	106.0	105.8	105.2	104.1	102.7
-32.5°	87.6	89.7	91.3	92.6	93.6	94.1	94.3	94.1	93.6	92.6	91.3
-33.75°	77.0	78.9	80.5	81.7	82.6	83.2	83.4	83.2	82.6	81.7	80.5
-35°	70.3	70.9	71.5	71.9	72.2	72.3	72.4	72.3	72.2	71.9	71.5
-36.25°	66.7	67.3	67.8	68.1	68.4	68.6	68.7	68.6	68.4	68.1	67.8
-37.5°	64.1	64.4	64.6	64.7	64.8	64.9	64.9	64.9	64.8	64.7	64.6
-38.75°	62.7	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.3	63.2	63.1
-40°	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.8	61.7
-41.25°	60.8	60.9	61.0	61.1	61.1	61.1	61.2	61.1	61.1	61.1	61.0
-42.5°	60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.3	60.2
-43.75°	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.5	59.5
-45°	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.7
-46.25°	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.4	58.4	58.4	58.4
-47.5°	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.0	58.0
-48.75°	57.1	57.2	57.2	57.3	57.3	57.3	57.4	57.3	57.3	57.3	57.2
-50°	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.5
-51.25°	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.1
-52.5°	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.7	55.7
-53.75°	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.6	54.6
-55°	53.1	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.5	53.5	53.4
-56.25°	51.2	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.6	51.6	51.5
-57.5°	49.3	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.7	49.7	49.6
-58.75°	47.4	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.8	47.8	47.7
-60°	45.6	45.7	45.8	45.9	46.0	46.0	46.0	46.0	46.0	45.9	45.8
-61.25°	43.7	43.8	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.0	43.9
-62.5°	41.7	41.8	42.0	42.1	42.1	42.2	42.2	42.2	42.1	42.1	42.0
-63.75°	39.1	39.3	39.4	39.5	39.5	39.6	39.6	39.6	39.5	39.5	39.4
-65°	36.4	36.6	36.7	36.8	36.9	37.0	37.0	37.0	36.9	36.8	36.7
-66.25°	33.0	33.2	33.3	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.3
-67.5°	29.8	29.9	30.0	30.1	30.2	30.2	30.2	30.2	30.2	30.1	30.0
-68.75°	27.1	27.3	27.4	27.4	27.5	27.5	27.6	27.5	27.5	27.4	27.4
-70°	24.5	24.6	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.8	24.7
-71.25°	21.9	22.0	22.1	22.2	22.2	22.2	22.3	22.2	22.2	22.2	22.1
-72.5°	19.4	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5
-73.75°	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0
-75°	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
-76.25°	15.8	15.8	15.8	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.8
-77.5°	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	13.9	13.9	13.9	13.9	13.9	13.9	14.0	13.9	13.9	13.9	13.9
-80°	12.7	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7
-81.25°	10.8	10.9	10.9	10.9	10.9	10.9	11.0	10.9	10.9	10.9	10.9
-82.5°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-83.75°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
-85°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-86.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-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: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
87.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
86.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
85°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
83.75°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.2	7.1
82.5°	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6
81.25°	10.9	10.8	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.3
80°	12.7	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.2	12.1	12.0
78.75°	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4
77.5°	15.0	15.0	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5
76.25°	15.8	15.8	15.8	15.7	15.7	15.7	15.6	15.6	15.5	15.5	15.4
75°	16.5	16.5	16.5	16.5	16.4	16.4	16.3	16.3	16.2	16.2	16.1
73.75°	18.0	17.9	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.2	17.0
72.5°	19.5	19.4	19.3	19.3	19.2	19.1	19.0	18.9	18.7	18.6	18.5
71.25°	22.0	21.9	21.8	21.6	21.5	21.3	21.1	20.8	20.6	20.3	20.1
70°	24.6	24.5	24.4	24.2	24.1	23.9	23.6	23.4	23.1	22.9	22.6
68.75°	27.3	27.1	27.0	26.8	26.6	26.4	26.2	25.9	25.7	25.4	25.1
67.5°	29.9	29.8	29.6	29.4	29.2	29.0	28.8	28.5	28.2	27.9	27.5
66.25°	33.2	33.0	32.8	32.6	32.3	32.0	31.6	31.3	30.9	30.4	30.0
65°	36.6	36.4	36.2	35.9	35.6	35.3	34.9	34.5	34.1	33.7	33.2
63.75°	39.3	39.1	38.9	38.7	38.5	38.2	37.9	37.6	37.3	36.9	36.3
62.5°	41.8	41.7	41.5	41.3	41.0	40.7	40.4	40.1	39.7	39.3	38.9
61.25°	43.8	43.7	43.5	43.4	43.2	43.0	42.7	42.5	42.2	41.8	41.4
60°	45.7	45.6	45.4	45.2	45.0	44.8	44.6	44.3	44.0	43.7	43.4
58.75°	47.6	47.4	47.3	47.1	46.9	46.7	46.4	46.1	45.8	45.5	45.1
57.5°	49.5	49.3	49.2	49.0	48.7	48.5	48.2	47.9	47.6	47.3	46.9
56.25°	51.4	51.2	51.0	50.8	50.6	50.3	50.0	49.7	49.4	49.0	48.6
55°	53.2	53.1	52.9	52.7	52.4	52.2	51.9	51.5	51.2	50.8	50.4
53.75°	54.5	54.4	54.3	54.1	54.0	53.8	53.6	53.3	53.0	52.6	52.2
52.5°	55.6	55.5	55.4	55.2	55.1	54.9	54.7	54.5	54.3	54.0	53.8
51.25°	56.1	56.1	56.0	56.0	55.9	55.9	55.8	55.5	55.3	55.1	54.8
50°	56.5	56.5	56.4	56.4	56.3	56.2	56.2	56.1	56.0	55.9	55.8
48.75°	57.2	57.1	57.0	56.9	56.8	56.6	56.5	56.5	56.4	56.3	56.2
47.5°	57.9	57.8	57.7	57.6	57.5	57.4	57.2	57.0	56.9	56.7	56.5
46.25°	58.4	58.3	58.3	58.2	58.2	58.1	57.9	57.7	57.6	57.4	57.1
45°	58.7	58.7	58.6	58.6	58.5	58.4	58.3	58.3	58.2	58.0	57.8
43.75°	59.4	59.3	59.2	59.0	58.9	58.8	58.7	58.6	58.5	58.4	58.3
42.5°	60.2	60.1	59.9	59.8	59.6	59.5	59.3	59.1	58.8	58.7	58.6
41.25°	60.9	60.8	60.7	60.6	60.4	60.2	60.0	59.8	59.6	59.3	59.1
40°	61.7	61.6	61.4	61.3	61.1	60.9	60.7	60.5	60.3	60.0	59.8
38.75°	62.9	62.7	62.4	62.1	61.8	61.7	61.4	61.2	61.0	60.7	60.5
37.5°	64.4	64.1	63.9	63.6	63.2	62.8	62.4	61.9	61.7	61.4	61.1
36.25°	67.3	66.7	66.0	65.1	64.6	64.2	63.8	63.3	62.8	62.2	61.8
35°	70.9	70.3	69.6	68.7	67.8	66.7	65.6	64.7	64.1	63.5	62.9



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	78.9	77.0	74.7	72.3	71.3	70.2	69.0	67.7	66.3	64.9	64.2
32.5°	89.7	87.6	85.3	82.5	79.5	76.1	72.5	71.1	69.6	68.0	66.4
31.25°	100.8	98.5	95.9	92.9	89.7	86.2	82.4	78.2	73.8	71.3	69.6
30°	112.2	109.9	107.1	103.9	100.3	96.4	92.3	87.9	83.3	78.4	73.2
28.75°	125.4	122.2	118.4	114.9	111.2	107.1	102.6	97.8	92.7	87.6	82.2
27.5°	156.2	147.5	137.4	128.3	123.2	117.7	113.0	107.9	102.6	96.9	91.1
26.25°	234.0	212.6	189.5	163.2	148.3	133.4	124.9	118.1	112.4	106.5	100.2
25°	349.1	316.2	283.1	245.5	210.0	176.1	150.9	132.7	123.4	115.9	109.4
23.75°	480.4	444.0	402.4	355.9	306.4	258.0	211.6	170.3	145.0	127.4	118.7
22.5°	615.4	576.2	530.7	479.9	423.7	364.1	302.6	243.9	193.9	153.8	130.6
21.25°	743.7	705.2	660.4	606.6	546.0	481.0	411.7	339.6	271.6	209.8	159.2
20°	853.3	818.6	777.3	727.0	667.8	599.6	525.0	446.9	366.5	288.3	217.8
18.75°	952.3	915.0	876.5	831.4	777.0	712.3	638.5	555.1	468.6	380.1	294.0
17.5°	1078.9	1022.4	973.6	920.3	869.8	810.8	742.4	661.3	570.4	475.9	380.1
16.25°	1250.5	1172.8	1098.0	1020.6	957.1	894.6	831.3	757.3	668.7	570.4	468.6
15°	1468.8	1366.5	1261.2	1154.9	1063.3	980.3	907.2	838.2	757.3	661.3	555.1
13.75°	1740.6	1605.2	1462.7	1323.7	1198.6	1085.1	988.1	907.2	831.3	742.4	638.5
12.5°	2046.4	1883.6	1706.3	1523.8	1361.5	1213.3	1085.1	980.3	894.6	810.8	712.3
11.25°	2375.9	2182.9	1973.3	1757.9	1548.3	1361.5	1198.6	1063.3	957.1	869.8	777.0
10°	2711.5	2490.7	2252.9	2003.6	1757.9	1523.8	1323.7	1154.9	1020.6	920.3	831.4
8.75°	3054.7	2800.6	2529.7	2252.9	1973.3	1706.3	1462.7	1261.2	1098.0	973.6	876.5
7.5°	3384.0	3104.1	2800.6	2490.7	2182.9	1883.6	1605.2	1366.5	1172.8	1022.4	915.0
6.25°	3686.5	3384.0	3054.7	2711.5	2375.9	2046.4	1740.6	1468.8	1250.5	1078.9	952.3
5°	3957.7	3629.1	3279.4	2911.5	2545.8	2196.5	1865.1	1564.4	1316.3	1126.2	985.2
3.75°	4170.7	3833.0	3462.1	3076.6	2686.7	2317.3	1966.4	1648.8	1379.8	1167.8	1011.2
2.5°	4324.3	3985.9	3599.0	3200.1	2795.4	2408.6	2041.1	1710.2	1425.9	1202.7	1033.0
1.25°	4414.7	4075.7	3683.8	3276.4	2862.2	2464.7	2090.3	1747.6	1453.8	1223.8	1048.3
0°	4445.9	4106.4	3712.6	3302.2	2884.8	2483.6	2106.8	1760.1	1463.2	1230.9	1053.4
-1.25°	4414.7	4075.7	3683.8	3276.4	2862.2	2464.7	2090.3	1747.6	1453.8	1223.8	1048.3
-2.5°	4324.3	3985.9	3599.0	3200.1	2795.4	2408.6	2041.1	1710.2	1425.9	1202.7	1033.0
-3.75°	4170.7	3833.0	3462.1	3076.6	2686.7	2317.3	1966.4	1648.8	1379.8	1167.8	1011.2
-5°	3957.7	3629.1	3279.4	2911.5	2545.8	2196.5	1865.1	1564.4	1316.3	1126.2	985.2
-6.25°	3686.5	3384.0	3054.7	2711.5	2375.9	2046.4	1740.6	1468.8	1250.5	1078.9	952.3
-7.5°	3384.0	3104.1	2800.6	2490.7	2182.9	1883.6	1605.2	1366.5	1172.8	1022.4	915.0
-8.75°	3054.7	2800.6	2529.7	2252.9	1973.3	1706.3	1462.7	1261.2	1098.0	973.6	876.5
-10°	2711.5	2490.7	2252.9	2003.6	1757.9	1523.8	1323.7	1154.9	1020.6	920.3	831.4
-11.25°	2375.9	2182.9	1973.3	1757.9	1548.3	1361.5	1198.6	1063.3	957.1	869.8	777.0
-12.5°	2046.4	1883.6	1706.3	1523.8	1361.5	1213.3	1085.1	980.3	894.6	810.8	712.3
-13.75°	1740.6	1605.2	1462.7	1323.7	1198.6	1085.1	988.1	907.2	831.3	742.4	638.5
-15°	1468.8	1366.5	1261.2	1154.9	1063.3	980.3	907.2	838.2	757.3	661.3	555.1
-16.25°	1250.5	1172.8	1098.0	1020.6	957.1	894.6	831.3	757.3	668.7	570.4	468.6
-17.5°	1078.9	1022.4	973.6	920.3	869.8	810.8	742.4	661.3	570.4	475.9	380.1
-18.75°	952.3	915.0	876.5	831.4	777.0	712.3	638.5	555.1	468.6	380.1	294.0
-20°	853.3	818.6	777.3	727.0	667.8	599.6	525.0	446.9	366.5	288.3	217.8
-21.25°	743.7	705.2	660.4	606.6	546.0	481.0	411.7	339.6	271.6	209.8	159.2



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	615.4	576.2	530.7	479.9	423.7	364.1	302.6	243.9	193.9	153.8	130.6
-23.75°	480.4	444.0	402.4	355.9	306.4	258.0	211.6	170.3	145.0	127.4	118.7
-25°	349.1	316.2	283.1	245.5	210.0	176.1	150.9	132.7	123.4	115.9	109.4
-26.25°	234.0	212.6	189.5	163.2	148.3	133.4	124.9	118.1	112.4	106.5	100.2
-27.5°	156.2	147.5	137.4	128.3	123.2	117.7	113.0	107.9	102.6	96.9	91.1
-28.75°	125.4	122.2	118.4	114.9	111.2	107.1	102.6	97.8	92.7	87.6	82.2
-30°	112.2	109.9	107.1	103.9	100.3	96.4	92.3	87.9	83.3	78.4	73.2
-31.25°	100.8	98.5	95.9	92.9	89.7	86.2	82.4	78.2	73.8	71.3	69.6
-32.5°	89.7	87.6	85.3	82.5	79.5	76.1	72.5	71.1	69.6	68.0	66.4
-33.75°	78.9	77.0	74.7	72.3	71.3	70.2	69.0	67.7	66.3	64.9	64.2
-35°	70.9	70.3	69.6	68.7	67.8	66.7	65.6	64.7	64.1	63.5	62.9
-36.25°	67.3	66.7	66.0	65.1	64.6	64.2	63.8	63.3	62.8	62.2	61.8
-37.5°	64.4	64.1	63.9	63.6	63.2	62.8	62.4	61.9	61.7	61.4	61.1
-38.75°	62.9	62.7	62.4	62.1	61.8	61.7	61.4	61.2	61.0	60.7	60.5
-40°	61.7	61.6	61.4	61.3	61.1	60.9	60.7	60.5	60.3	60.0	59.8
-41.25°	60.9	60.8	60.7	60.6	60.4	60.2	60.0	59.8	59.6	59.3	59.1
-42.5°	60.2	60.1	59.9	59.8	59.6	59.5	59.3	59.1	58.8	58.7	58.6
-43.75°	59.4	59.3	59.2	59.0	58.9	58.8	58.7	58.6	58.5	58.4	58.3
-45°	58.7	58.7	58.6	58.6	58.5	58.4	58.3	58.3	58.2	58.0	57.8
-46.25°	58.4	58.3	58.3	58.2	58.2	58.1	57.9	57.7	57.6	57.4	57.1
-47.5°	57.9	57.8	57.7	57.6	57.5	57.4	57.2	57.0	56.9	56.7	56.5
-48.75°	57.2	57.1	57.0	56.9	56.8	56.6	56.5	56.5	56.4	56.3	56.2
-50°	56.5	56.5	56.4	56.4	56.3	56.2	56.2	56.1	56.0	55.9	55.8
-51.25°	56.1	56.1	56.0	56.0	55.9	55.9	55.8	55.5	55.3	55.1	54.8
-52.5°	55.6	55.5	55.4	55.2	55.1	54.9	54.7	54.5	54.3	54.0	53.8
-53.75°	54.5	54.4	54.3	54.1	54.0	53.8	53.6	53.3	53.0	52.6	52.2
-55°	53.2	53.1	52.9	52.7	52.4	52.2	51.9	51.5	51.2	50.8	50.4
-56.25°	51.4	51.2	51.0	50.8	50.6	50.3	50.0	49.7	49.4	49.0	48.6
-57.5°	49.5	49.3	49.2	49.0	48.7	48.5	48.2	47.9	47.6	47.3	46.9
-58.75°	47.6	47.4	47.3	47.1	46.9	46.7	46.4	46.1	45.8	45.5	45.1
-60°	45.7	45.6	45.4	45.2	45.0	44.8	44.6	44.3	44.0	43.7	43.4
-61.25°	43.8	43.7	43.5	43.4	43.2	43.0	42.7	42.5	42.2	41.8	41.4
-62.5°	41.8	41.7	41.5	41.3	41.0	40.7	40.4	40.1	39.7	39.3	38.9
-63.75°	39.3	39.1	38.9	38.7	38.5	38.2	37.9	37.6	37.3	36.9	36.3
-65°	36.6	36.4	36.2	35.9	35.6	35.3	34.9	34.5	34.1	33.7	33.2
-66.25°	33.2	33.0	32.8	32.6	32.3	32.0	31.6	31.3	30.9	30.4	30.0
-67.5°	29.9	29.8	29.6	29.4	29.2	29.0	28.8	28.5	28.2	27.9	27.5
-68.75°	27.3	27.1	27.0	26.8	26.6	26.4	26.2	25.9	25.7	25.4	25.1
-70°	24.6	24.5	24.4	24.2	24.1	23.9	23.6	23.4	23.1	22.9	22.6
-71.25°	22.0	21.9	21.8	21.6	21.5	21.3	21.1	20.8	20.6	20.3	20.1
-72.5°	19.5	19.4	19.3	19.3	19.2	19.1	19.0	18.9	18.7	18.6	18.5
-73.75°	18.0	17.9	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.2	17.0
-75°	16.5	16.5	16.5	16.5	16.4	16.4	16.3	16.3	16.2	16.2	16.1
-76.25°	15.8	15.8	15.8	15.7	15.7	15.7	15.6	15.6	15.5	15.5	15.4
-77.5°	15.0	15.0	15.0	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4
-80°	12.7	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.2	12.1	12.0
-81.25°	10.9	10.8	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.3
-82.5°	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6
-83.75°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.2	7.1
-85°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
-86.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
-87.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
87.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
86.25°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8
85°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1
83.75°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3
82.5°	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6
81.25°	10.2	10.1	10.0	9.8	9.7	9.6	9.5	9.3	9.2	9.1	8.9
80°	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0	10.8	10.6	10.5
78.75°	13.3	13.2	13.2	13.1	13.0	12.9	12.7	12.6	12.4	12.2	12.0
77.5°	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.5	13.4	13.3
76.25°	15.3	15.3	15.2	15.1	15.0	14.9	14.8	14.7	14.5	14.4	14.2
75°	16.0	16.0	15.9	15.8	15.7	15.7	15.6	15.5	15.4	15.3	15.2
73.75°	16.9	16.7	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.9	15.8
72.5°	18.3	18.1	18.0	17.8	17.6	17.4	17.2	16.9	16.7	16.5	16.4
71.25°	19.8	19.5	19.3	19.1	18.9	18.7	18.5	18.2	18.0	17.7	17.5
70°	22.2	21.9	21.6	21.2	20.8	20.4	19.9	19.5	19.3	19.0	18.7
68.75°	24.7	24.4	24.0	23.6	23.2	22.7	22.3	21.8	21.3	20.8	20.2
67.5°	27.2	26.8	26.4	26.0	25.5	25.1	24.6	24.1	23.5	23.0	22.4
66.25°	29.6	29.2	28.8	28.4	27.9	27.4	26.9	26.3	25.8	25.2	24.6
65°	32.6	32.1	31.5	30.9	30.3	29.7	29.2	28.6	28.0	27.4	26.8
63.75°	35.8	35.2	34.6	34.0	33.3	32.6	31.8	31.1	30.3	29.6	28.9
62.5°	38.5	38.0	37.5	37.0	36.3	35.5	34.8	34.0	33.1	32.2	31.3
61.25°	40.9	40.4	39.9	39.3	38.8	38.2	37.5	36.8	36.0	35.0	34.1
60°	43.0	42.6	42.2	41.7	41.0	40.4	39.8	39.1	38.4	37.6	36.8
58.75°	44.7	44.3	43.9	43.5	43.0	42.5	42.0	41.3	40.5	39.8	39.0
57.5°	46.5	46.1	45.6	45.2	44.7	44.2	43.7	43.1	42.6	41.9	41.0
56.25°	48.2	47.8	47.3	46.9	46.4	45.8	45.3	44.7	44.1	43.5	42.9
55°	50.0	49.5	49.0	48.5	48.0	47.5	46.9	46.3	45.7	45.0	44.4
53.75°	51.7	51.2	50.7	50.2	49.7	49.1	48.5	47.9	47.2	46.6	45.9
52.5°	53.4	52.9	52.4	51.9	51.3	50.7	50.1	49.4	48.8	48.1	47.4
51.25°	54.5	54.2	53.9	53.5	52.9	52.3	51.7	51.0	50.3	49.6	48.8
50°	55.5	55.2	54.9	54.5	54.2	53.8	53.2	52.5	51.8	51.1	50.3
48.75°	56.1	55.9	55.8	55.5	55.1	54.7	54.3	53.9	53.3	52.6	51.8
47.5°	56.4	56.3	56.2	56.0	55.9	55.6	55.2	54.8	54.3	53.8	53.2
46.25°	56.9	56.7	56.5	56.4	56.2	56.1	55.9	55.6	55.2	54.7	54.2
45°	57.6	57.3	57.1	56.8	56.6	56.4	56.2	56.1	55.9	55.5	55.0
43.75°	58.2	58.0	57.7	57.4	57.1	56.8	56.6	56.4	56.2	56.0	55.8
42.5°	58.5	58.4	58.2	58.1	57.8	57.4	57.1	56.8	56.5	56.3	56.1
41.25°	58.8	58.7	58.5	58.4	58.2	58.0	57.7	57.3	57.0	56.6	56.4
40°	59.5	59.2	58.8	58.7	58.5	58.4	58.2	57.9	57.5	57.1	56.7
38.75°	60.2	59.8	59.5	59.2	58.8	58.6	58.5	58.3	58.1	57.7	57.3
37.5°	60.8	60.5	60.2	59.8	59.4	59.0	58.7	58.5	58.4	58.2	57.8
36.25°	61.5	61.1	60.8	60.4	60.1	59.6	59.2	58.8	58.6	58.4	58.2
35°	62.3	61.8	61.4	61.0	60.7	60.3	59.8	59.4	58.9	58.6	58.4



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	63.6	62.9	62.1	61.6	61.2	60.8	60.4	60.0	59.5	59.0	58.7
32.5°	64.8	64.1	63.3	62.5	61.8	61.4	61.0	60.5	60.0	59.5	59.0
31.25°	67.8	65.9	64.5	63.7	62.8	62.0	61.5	61.0	60.6	60.1	59.5
30°	70.8	68.9	66.8	64.8	64.0	63.1	62.1	61.5	61.1	60.6	60.0
28.75°	76.5	71.8	69.7	67.5	65.2	64.1	63.2	62.2	61.5	61.0	60.5
27.5°	85.2	79.1	72.7	70.2	67.9	65.5	64.2	63.2	62.1	61.5	61.0
26.25°	93.7	87.4	80.8	73.9	70.5	68.1	65.5	64.1	63.1	62.0	61.4
25°	102.6	95.6	88.7	81.6	74.4	70.5	67.9	65.2	64.0	62.8	61.8
23.75°	111.4	104.1	96.5	89.1	81.6	73.9	70.2	67.5	64.8	63.7	62.5
22.5°	120.7	112.4	104.6	96.5	88.7	80.8	72.7	69.7	66.8	64.5	63.3
21.25°	134.1	121.3	112.4	104.1	95.6	87.4	79.1	71.8	68.9	65.9	64.1
20°	161.3	134.1	120.7	111.4	102.6	93.7	85.2	76.5	70.8	67.8	64.8
18.75°	217.8	159.2	130.6	118.7	109.4	100.2	91.1	82.2	73.2	69.6	66.4
17.5°	288.3	209.8	153.8	127.4	115.9	106.5	96.9	87.6	78.4	71.3	68.0
16.25°	366.5	271.6	193.9	145.0	123.4	112.4	102.6	92.7	83.3	73.8	69.6
15°	446.9	339.6	243.9	170.3	132.7	118.1	107.9	97.8	87.9	78.2	71.1
13.75°	525.0	411.7	302.6	211.6	150.9	124.9	113.0	102.6	92.3	82.4	72.5
12.5°	599.6	481.0	364.1	258.0	176.1	133.4	117.7	107.1	96.4	86.2	76.1
11.25°	667.8	546.0	423.7	306.4	210.0	148.3	123.2	111.2	100.3	89.7	79.5
10°	727.0	606.6	479.9	355.9	245.5	163.2	128.3	114.9	103.9	92.9	82.5
8.75°	777.3	660.4	530.7	402.4	283.1	189.5	137.4	118.4	107.1	95.9	85.3
7.5°	818.6	705.2	576.2	444.0	316.2	212.6	147.5	122.2	109.9	98.5	87.6
6.25°	853.3	743.7	615.4	480.4	349.1	234.0	156.2	125.4	112.2	100.8	89.7
5°	879.2	773.1	648.0	510.5	376.6	256.2	166.3	128.0	114.2	102.7	91.3
3.75°	899.8	795.1	671.9	534.2	398.2	273.7	178.5	130.6	115.7	104.1	92.6
2.5°	914.6	810.9	689.0	551.5	413.8	286.2	187.2	134.5	116.8	105.2	93.6
1.25°	923.5	820.5	699.3	562.0	423.2	293.8	192.5	136.8	117.5	105.8	94.1
0°	926.5	823.7	702.8	565.5	426.3	296.3	194.3	137.5	117.7	106.0	94.3
-1.25°	923.5	820.5	699.3	562.0	423.2	293.8	192.5	136.8	117.5	105.8	94.1
-2.5°	914.6	810.9	689.0	551.5	413.8	286.2	187.2	134.5	116.8	105.2	93.6
-3.75°	899.8	795.1	671.9	534.2	398.2	273.7	178.5	130.6	115.7	104.1	92.6
-5°	879.2	773.1	648.0	510.5	376.6	256.2	166.3	128.0	114.2	102.7	91.3
-6.25°	853.3	743.7	615.4	480.4	349.1	234.0	156.2	125.4	112.2	100.8	89.7
-7.5°	818.6	705.2	576.2	444.0	316.2	212.6	147.5	122.2	109.9	98.5	87.6
-8.75°	777.3	660.4	530.7	402.4	283.1	189.5	137.4	118.4	107.1	95.9	85.3
-10°	727.0	606.6	479.9	355.9	245.5	163.2	128.3	114.9	103.9	92.9	82.5
-11.25°	667.8	546.0	423.7	306.4	210.0	148.3	123.2	111.2	100.3	89.7	79.5
-12.5°	599.6	481.0	364.1	258.0	176.1	133.4	117.7	107.1	96.4	86.2	76.1
-13.75°	525.0	411.7	302.6	211.6	150.9	124.9	113.0	102.6	92.3	82.4	72.5
-15°	446.9	339.6	243.9	170.3	132.7	118.1	107.9	97.8	87.9	78.2	71.1
-16.25°	366.5	271.6	193.9	145.0	123.4	112.4	102.6	92.7	83.3	73.8	69.6
-17.5°	288.3	209.8	153.8	127.4	115.9	106.5	96.9	87.6	78.4	71.3	68.0
-18.75°	217.8	159.2	130.6	118.7	109.4	100.2	91.1	82.2	73.2	69.6	66.4
-20°	161.3	134.1	120.7	111.4	102.6	93.7	85.2	76.5	70.8	67.8	64.8
-21.25°	134.1	121.3	112.4	104.1	95.6	87.4	79.1	71.8	68.9	65.9	64.1





REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	120.7	112.4	104.6	96.5	88.7	80.8	72.7	69.7	66.8	64.5	63.3
-23.75°	111.4	104.1	96.5	89.1	81.6	73.9	70.2	67.5	64.8	63.7	62.5
-25°	102.6	95.6	88.7	81.6	74.4	70.5	67.9	65.2	64.0	62.8	61.8
-26.25°	93.7	87.4	80.8	73.9	70.5	68.1	65.5	64.1	63.1	62.0	61.4
-27.5°	85.2	79.1	72.7	70.2	67.9	65.5	64.2	63.2	62.1	61.5	61.0
-28.75°	76.5	71.8	69.7	67.5	65.2	64.1	63.2	62.2	61.5	61.0	60.5
-30°	70.8	68.9	66.8	64.8	64.0	63.1	62.1	61.5	61.1	60.6	60.0
-31.25°	67.8	65.9	64.5	63.7	62.8	62.0	61.5	61.0	60.6	60.1	59.5
-32.5°	64.8	64.1	63.3	62.5	61.8	61.4	61.0	60.5	60.0	59.5	59.0
-33.75°	63.6	62.9	62.1	61.6	61.2	60.8	60.4	60.0	59.5	59.0	58.7
-35°	62.3	61.8	61.4	61.0	60.7	60.3	59.8	59.4	58.9	58.6	58.4
-36.25°	61.5	61.1	60.8	60.4	60.1	59.6	59.2	58.8	58.6	58.4	58.2
-37.5°	60.8	60.5	60.2	59.8	59.4	59.0	58.7	58.5	58.4	58.2	57.8
-38.75°	60.2	59.8	59.5	59.2	58.8	58.6	58.5	58.3	58.1	57.7	57.3
-40°	59.5	59.2	58.8	58.7	58.5	58.4	58.2	57.9	57.5	57.1	56.7
-41.25°	58.8	58.7	58.5	58.4	58.2	58.0	57.7	57.3	57.0	56.6	56.4
-42.5°	58.5	58.4	58.2	58.1	57.8	57.4	57.1	56.8	56.5	56.3	56.1
-43.75°	58.2	58.0	57.7	57.4	57.1	56.8	56.6	56.4	56.2	56.0	55.8
-45°	57.6	57.3	57.1	56.8	56.6	56.4	56.2	56.1	55.9	55.5	55.0
-46.25°	56.9	56.7	56.5	56.4	56.2	56.1	55.9	55.6	55.2	54.7	54.2
-47.5°	56.4	56.3	56.2	56.0	55.9	55.6	55.2	54.8	54.3	53.8	53.2
-48.75°	56.1	55.9	55.8	55.5	55.1	54.7	54.3	53.9	53.3	52.6	51.8
-50°	55.5	55.2	54.9	54.5	54.2	53.8	53.2	52.5	51.8	51.1	50.3
-51.25°	54.5	54.2	53.9	53.5	52.9	52.3	51.7	51.0	50.3	49.6	48.8
-52.5°	53.4	52.9	52.4	51.9	51.3	50.7	50.1	49.4	48.8	48.1	47.4
-53.75°	51.7	51.2	50.7	50.2	49.7	49.1	48.5	47.9	47.2	46.6	45.9
-55°	50.0	49.5	49.0	48.5	48.0	47.5	46.9	46.3	45.7	45.0	44.4
-56.25°	48.2	47.8	47.3	46.9	46.4	45.8	45.3	44.7	44.1	43.5	42.9
-57.5°	46.5	46.1	45.6	45.2	44.7	44.2	43.7	43.1	42.6	41.9	41.0
-58.75°	44.7	44.3	43.9	43.5	43.0	42.5	42.0	41.3	40.5	39.8	39.0
-60°	43.0	42.6	42.2	41.7	41.0	40.4	39.8	39.1	38.4	37.6	36.8
-61.25°	40.9	40.4	39.9	39.3	38.8	38.2	37.5	36.8	36.0	35.0	34.1
-62.5°	38.5	38.0	37.5	37.0	36.3	35.5	34.8	34.0	33.1	32.2	31.3
-63.75°	35.8	35.2	34.6	34.0	33.3	32.6	31.8	31.1	30.3	29.6	28.9
-65°	32.6	32.1	31.5	30.9	30.3	29.7	29.2	28.6	28.0	27.4	26.8
-66.25°	29.6	29.2	28.8	28.4	27.9	27.4	26.9	26.3	25.8	25.2	24.6
-67.5°	27.2	26.8	26.4	26.0	25.5	25.1	24.6	24.1	23.5	23.0	22.4
-68.75°	24.7	24.4	24.0	23.6	23.2	22.7	22.3	21.8	21.3	20.8	20.2
-70°	22.2	21.9	21.6	21.2	20.8	20.4	19.9	19.5	19.3	19.0	18.7
-71.25°	19.8	19.5	19.3	19.1	18.9	18.7	18.5	18.2	18.0	17.7	17.5
-72.5°	18.3	18.1	18.0	17.8	17.6	17.4	17.2	16.9	16.7	16.5	16.4
-73.75°	16.9	16.7	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.9	15.8
-75°	16.0	16.0	15.9	15.8	15.7	15.7	15.6	15.5	15.4	15.3	15.2
-76.25°	15.3	15.3	15.2	15.1	15.0	14.9	14.8	14.7	14.5	14.4	14.2
-77.5°	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.5	13.4	13.3



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	13.3	13.2	13.2	13.1	13.0	12.9	12.7	12.6	12.4	12.2	12.0
-80°	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0	10.8	10.6	10.5
-81.25°	10.2	10.1	10.0	9.8	9.7	9.6	9.5	9.3	9.2	9.1	8.9
-82.5°	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6
-83.75°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3
-85°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1
-86.25°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8
-87.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
-88.75°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
86.25°	3.7	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1
85°	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
83.75°	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
82.5°	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.4	6.2
81.25°	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.3
80°	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.4
78.75°	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.2	10.0	9.7	9.5
77.5°	13.1	13.0	12.8	12.6	12.4	12.1	11.9	11.6	11.3	11.0	10.7
76.25°	14.1	13.9	13.8	13.6	13.4	13.3	13.1	12.9	12.6	12.3	12.0
75°	15.0	14.9	14.7	14.5	14.3	14.1	13.9	13.7	13.5	13.3	13.1
73.75°	15.7	15.6	15.4	15.3	15.2	15.0	14.8	14.6	14.3	14.1	13.9
72.5°	16.3	16.2	16.0	15.9	15.7	15.6	15.4	15.3	15.1	14.9	14.6
71.25°	17.2	16.9	16.6	16.5	16.3	16.2	16.0	15.8	15.7	15.5	15.3
70°	18.4	18.1	17.8	17.5	17.2	16.8	16.5	16.4	16.2	16.0	15.8
68.75°	19.7	19.3	19.0	18.7	18.3	17.9	17.6	17.2	16.8	16.5	16.3
67.5°	21.8	21.2	20.6	20.0	19.4	19.1	18.7	18.3	17.9	17.4	17.0
66.25°	24.0	23.3	22.7	22.0	21.3	20.6	19.9	19.3	18.9	18.5	18.0
65°	26.1	25.4	24.7	24.0	23.3	22.5	21.8	21.0	20.2	19.5	19.0
63.75°	28.2	27.5	26.8	26.0	25.3	24.5	23.7	22.8	22.0	21.1	20.3
62.5°	30.4	29.6	28.8	28.1	27.2	26.4	25.6	24.7	23.8	22.9	22.0
61.25°	33.1	32.1	31.1	30.1	29.2	28.3	27.4	26.5	25.6	24.7	23.7
60°	35.8	34.8	33.7	32.6	31.4	30.3	29.3	28.4	27.4	26.4	25.4
58.75°	38.2	37.3	36.3	35.1	33.9	32.7	31.4	30.2	29.2	28.1	27.1
57.5°	40.2	39.3	38.4	37.5	36.4	35.1	33.8	32.5	31.1	29.8	28.7
56.25°	42.2	41.3	40.4	39.4	38.4	37.4	36.2	34.8	33.4	31.9	30.5
55°	43.7	43.0	42.3	41.3	40.3	39.2	38.1	37.0	35.6	34.1	32.6
53.75°	45.2	44.4	43.7	42.9	42.1	41.0	39.9	38.8	37.6	36.2	34.6
52.5°	46.6	45.9	45.1	44.3	43.5	42.7	41.7	40.5	39.3	38.0	36.7
51.25°	48.1	47.3	46.5	45.7	44.8	44.0	43.1	42.2	40.9	39.6	38.3
50°	49.5	48.7	47.9	47.0	46.1	45.2	44.3	43.4	42.5	41.2	39.9
48.75°	50.9	50.1	49.2	48.3	47.4	46.5	45.6	44.6	43.6	42.6	41.4
47.5°	52.3	51.5	50.6	49.7	48.7	47.8	46.8	45.8	44.8	43.8	42.7
46.25°	53.7	52.8	51.9	51.0	50.0	49.0	48.0	47.0	46.0	44.9	43.8
45°	54.5	53.9	53.2	52.3	51.3	50.3	49.2	48.2	47.1	46.0	44.9
43.75°	55.3	54.7	54.2	53.5	52.5	51.5	50.4	49.3	48.2	47.1	46.0
42.5°	55.9	55.5	54.9	54.3	53.7	52.7	51.6	50.4	49.3	48.2	47.0
41.25°	56.2	56.0	55.6	55.0	54.4	53.7	52.7	51.6	50.4	49.2	48.0
40°	56.5	56.2	56.0	55.7	55.1	54.4	53.7	52.7	51.5	50.3	49.0
38.75°	56.9	56.5	56.3	56.0	55.8	55.1	54.4	53.7	52.5	51.3	50.0
37.5°	57.4	56.9	56.5	56.3	56.0	55.7	55.0	54.3	53.5	52.3	51.0
36.25°	57.9	57.4	56.9	56.5	56.3	56.0	55.6	54.9	54.2	53.2	51.9
35°	58.2	57.9	57.4	56.9	56.5	56.2	56.0	55.5	54.7	53.9	52.8



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	58.4	58.2	57.9	57.4	56.9	56.5	56.2	55.9	55.3	54.5	53.7
32.5°	58.7	58.4	58.2	57.8	57.3	56.7	56.4	56.1	55.8	55.0	54.2
31.25°	59.0	58.6	58.4	58.2	57.7	57.1	56.6	56.3	56.0	55.5	54.7
30°	59.5	58.9	58.6	58.4	58.1	57.5	57.0	56.5	56.2	55.9	55.2
28.75°	60.0	59.4	58.8	58.5	58.3	57.9	57.3	56.8	56.4	56.1	55.6
27.5°	60.4	59.8	59.2	58.7	58.5	58.2	57.7	57.1	56.6	56.2	55.9
26.25°	60.8	60.3	59.6	59.0	58.6	58.4	58.0	57.4	56.8	56.4	56.1
25°	61.2	60.7	60.1	59.4	58.8	58.5	58.2	57.8	57.1	56.6	56.2
23.75°	61.6	61.0	60.4	59.8	59.2	58.7	58.4	58.1	57.4	56.8	56.4
22.5°	62.1	61.4	60.8	60.2	59.5	58.8	58.5	58.2	57.7	57.1	56.5
21.25°	62.9	61.8	61.1	60.5	59.8	59.2	58.7	58.4	58.0	57.3	56.7
20°	63.6	62.3	61.5	60.8	60.2	59.5	58.8	58.5	58.2	57.6	56.9
18.75°	64.2	62.9	61.8	61.1	60.5	59.8	59.1	58.6	58.3	57.8	57.1
17.5°	64.9	63.5	62.2	61.4	60.7	60.0	59.3	58.7	58.4	58.0	57.4
16.25°	66.3	64.1	62.8	61.7	61.0	60.3	59.6	58.8	58.5	58.2	57.6
15°	67.7	64.7	63.3	61.9	61.2	60.5	59.8	59.1	58.6	58.3	57.7
13.75°	69.0	65.6	63.8	62.4	61.4	60.7	60.0	59.3	58.7	58.3	57.9
12.5°	70.2	66.7	64.2	62.8	61.7	60.9	60.2	59.5	58.8	58.4	58.1
11.25°	71.3	67.8	64.6	63.2	61.8	61.1	60.4	59.6	58.9	58.5	58.2
10°	72.3	68.7	65.1	63.6	62.1	61.3	60.6	59.8	59.0	58.6	58.2
8.75°	74.7	69.6	66.0	63.9	62.4	61.4	60.7	59.9	59.2	58.6	58.3
7.5°	77.0	70.3	66.7	64.1	62.7	61.6	60.8	60.1	59.3	58.7	58.3
6.25°	78.9	70.9	67.3	64.4	62.9	61.7	60.9	60.2	59.4	58.7	58.4
5°	80.5	71.5	67.8	64.6	63.1	61.7	61.0	60.2	59.5	58.7	58.4
3.75°	81.7	71.9	68.1	64.7	63.2	61.8	61.1	60.3	59.5	58.8	58.4
2.5°	82.6	72.2	68.4	64.8	63.3	61.9	61.1	60.4	59.6	58.8	58.4
1.25°	83.2	72.3	68.6	64.9	63.4	61.9	61.1	60.4	59.6	58.8	58.4
0°	83.4	72.4	68.7	64.9	63.4	61.9	61.2	60.4	59.6	58.8	58.5
-1.25°	83.2	72.3	68.6	64.9	63.4	61.9	61.1	60.4	59.6	58.8	58.4
-2.5°	82.6	72.2	68.4	64.8	63.3	61.9	61.1	60.4	59.6	58.8	58.4
-3.75°	81.7	71.9	68.1	64.7	63.2	61.8	61.1	60.3	59.5	58.8	58.4
-5°	80.5	71.5	67.8	64.6	63.1	61.7	61.0	60.2	59.5	58.7	58.4
-6.25°	78.9	70.9	67.3	64.4	62.9	61.7	60.9	60.2	59.4	58.7	58.4
-7.5°	77.0	70.3	66.7	64.1	62.7	61.6	60.8	60.1	59.3	58.7	58.3
-8.75°	74.7	69.6	66.0	63.9	62.4	61.4	60.7	59.9	59.2	58.6	58.3
-10°	72.3	68.7	65.1	63.6	62.1	61.3	60.6	59.8	59.0	58.6	58.2
-11.25°	71.3	67.8	64.6	63.2	61.8	61.1	60.4	59.6	58.9	58.5	58.2
-12.5°	70.2	66.7	64.2	62.8	61.7	60.9	60.2	59.5	58.8	58.4	58.1
-13.75°	69.0	65.6	63.8	62.4	61.4	60.7	60.0	59.3	58.7	58.3	57.9
-15°	67.7	64.7	63.3	61.9	61.2	60.5	59.8	59.1	58.6	58.3	57.7
-16.25°	66.3	64.1	62.8	61.7	61.0	60.3	59.6	58.8	58.5	58.2	57.6
-17.5°	64.9	63.5	62.2	61.4	60.7	60.0	59.3	58.7	58.4	58.0	57.4
-18.75°	64.2	62.9	61.8	61.1	60.5	59.8	59.1	58.6	58.3	57.8	57.1
-20°	63.6	62.3	61.5	60.8	60.2	59.5	58.8	58.5	58.2	57.6	56.9
-21.25°	62.9	61.8	61.1	60.5	59.8	59.2	58.7	58.4	58.0	57.3	56.7



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	62.1	61.4	60.8	60.2	59.5	58.8	58.5	58.2	57.7	57.1	56.5
-23.75°	61.6	61.0	60.4	59.8	59.2	58.7	58.4	58.1	57.4	56.8	56.4
-25°	61.2	60.7	60.1	59.4	58.8	58.5	58.2	57.8	57.1	56.6	56.2
-26.25°	60.8	60.3	59.6	59.0	58.6	58.4	58.0	57.4	56.8	56.4	56.1
-27.5°	60.4	59.8	59.2	58.7	58.5	58.2	57.7	57.1	56.6	56.2	55.9
-28.75°	60.0	59.4	58.8	58.5	58.3	57.9	57.3	56.8	56.4	56.1	55.6
-30°	59.5	58.9	58.6	58.4	58.1	57.5	57.0	56.5	56.2	55.9	55.2
-31.25°	59.0	58.6	58.4	58.2	57.7	57.1	56.6	56.3	56.0	55.5	54.7
-32.5°	58.7	58.4	58.2	57.8	57.3	56.7	56.4	56.1	55.8	55.0	54.2
-33.75°	58.4	58.2	57.9	57.4	56.9	56.5	56.2	55.9	55.3	54.5	53.7
-35°	58.2	57.9	57.4	56.9	56.5	56.2	56.0	55.5	54.7	53.9	52.8
-36.25°	57.9	57.4	56.9	56.5	56.3	56.0	55.6	54.9	54.2	53.2	51.9
-37.5°	57.4	56.9	56.5	56.3	56.0	55.7	55.0	54.3	53.5	52.3	51.0
-38.75°	56.9	56.5	56.3	56.0	55.8	55.1	54.4	53.7	52.5	51.3	50.0
-40°	56.5	56.2	56.0	55.7	55.1	54.4	53.7	52.7	51.5	50.3	49.0
-41.25°	56.2	56.0	55.6	55.0	54.4	53.7	52.7	51.6	50.4	49.2	48.0
-42.5°	55.9	55.5	54.9	54.3	53.7	52.7	51.6	50.4	49.3	48.2	47.0
-43.75°	55.3	54.7	54.2	53.5	52.5	51.5	50.4	49.3	48.2	47.1	46.0
-45°	54.5	53.9	53.2	52.3	51.3	50.3	49.2	48.2	47.1	46.0	44.9
-46.25°	53.7	52.8	51.9	51.0	50.0	49.0	48.0	47.0	46.0	44.9	43.8
-47.5°	52.3	51.5	50.6	49.7	48.7	47.8	46.8	45.8	44.8	43.8	42.7
-48.75°	50.9	50.1	49.2	48.3	47.4	46.5	45.6	44.6	43.6	42.6	41.4
-50°	49.5	48.7	47.9	47.0	46.1	45.2	44.3	43.4	42.5	41.2	39.9
-51.25°	48.1	47.3	46.5	45.7	44.8	44.0	43.1	42.2	40.9	39.6	38.3
-52.5°	46.6	45.9	45.1	44.3	43.5	42.7	41.7	40.5	39.3	38.0	36.7
-53.75°	45.2	44.4	43.7	42.9	42.1	41.0	39.9	38.8	37.6	36.2	34.6
-55°	43.7	43.0	42.3	41.3	40.3	39.2	38.1	37.0	35.6	34.1	32.6
-56.25°	42.2	41.3	40.4	39.4	38.4	37.4	36.2	34.8	33.4	31.9	30.5
-57.5°	40.2	39.3	38.4	37.5	36.4	35.1	33.8	32.5	31.1	29.8	28.7
-58.75°	38.2	37.3	36.3	35.1	33.9	32.7	31.4	30.2	29.2	28.1	27.1
-60°	35.8	34.8	33.7	32.6	31.4	30.3	29.3	28.4	27.4	26.4	25.4
-61.25°	33.1	32.1	31.1	30.1	29.2	28.3	27.4	26.5	25.6	24.7	23.7
-62.5°	30.4	29.6	28.8	28.1	27.2	26.4	25.6	24.7	23.8	22.9	22.0
-63.75°	28.2	27.5	26.8	26.0	25.3	24.5	23.7	22.8	22.0	21.1	20.3
-65°	26.1	25.4	24.7	24.0	23.3	22.5	21.8	21.0	20.2	19.5	19.0
-66.25°	24.0	23.3	22.7	22.0	21.3	20.6	19.9	19.3	18.9	18.5	18.0
-67.5°	21.8	21.2	20.6	20.0	19.4	19.1	18.7	18.3	17.9	17.4	17.0
-68.75°	19.7	19.3	19.0	18.7	18.3	17.9	17.6	17.2	16.8	16.5	16.3
-70°	18.4	18.1	17.8	17.5	17.2	16.8	16.5	16.4	16.2	16.0	15.8
-71.25°	17.2	16.9	16.6	16.5	16.3	16.2	16.0	15.8	15.7	15.5	15.3
-72.5°	16.3	16.2	16.0	15.9	15.7	15.6	15.4	15.3	15.1	14.9	14.6
-73.75°	15.7	15.6	15.4	15.3	15.2	15.0	14.8	14.6	14.3	14.1	13.9
-75°	15.0	14.9	14.7	14.5	14.3	14.1	13.9	13.7	13.5	13.3	13.1
-76.25°	14.1	13.9	13.8	13.6	13.4	13.3	13.1	12.9	12.6	12.3	12.0
-77.5°	13.1	13.0	12.8	12.6	12.4	12.1	11.9	11.6	11.3	11.0	10.7



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.2	10.0	9.7	9.5
-80°	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.4
-81.25°	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.3
-82.5°	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.4	6.2
-83.75°	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
-85°	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-86.25°	3.7	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
-88.75°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	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: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
87.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
86.25°	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
85°	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0
83.75°	5.1	4.9	4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.7
82.5°	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
81.25°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2
80°	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
78.75°	9.2	9.0	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7
77.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.4	8.1	7.8	7.5
76.25°	11.7	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.9	8.6	8.3
75°	12.9	12.5	12.2	11.8	11.4	11.0	10.6	10.2	9.8	9.4	9.0
73.75°	13.6	13.4	13.1	12.9	12.5	12.1	11.7	11.2	10.8	10.4	9.9
72.5°	14.4	14.1	13.9	13.6	13.3	13.0	12.7	12.2	11.8	11.3	10.8
71.25°	15.1	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.2	11.7
70°	15.6	15.4	15.2	15.0	14.7	14.3	14.0	13.7	13.3	13.0	12.6
68.75°	16.1	15.9	15.7	15.5	15.2	15.0	14.6	14.3	13.9	13.6	13.2
67.5°	16.6	16.4	16.1	15.9	15.7	15.4	15.2	14.9	14.5	14.1	13.7
66.25°	17.5	17.1	16.6	16.4	16.1	15.9	15.6	15.4	15.1	14.7	14.3
65°	18.5	18.0	17.5	17.0	16.5	16.3	16.0	15.7	15.5	15.2	14.8
63.75°	19.5	18.9	18.4	17.9	17.3	16.8	16.4	16.1	15.8	15.6	15.3
62.5°	21.0	20.1	19.3	18.8	18.2	17.6	17.0	16.5	16.2	15.9	15.6
61.25°	22.7	21.7	20.7	19.6	19.0	18.4	17.8	17.2	16.6	16.3	15.9
60°	24.4	23.3	22.2	21.2	20.1	19.2	18.6	18.0	17.3	16.6	16.3
58.75°	26.0	24.9	23.8	22.7	21.5	20.4	19.4	18.7	18.0	17.3	16.6
57.5°	27.6	26.5	25.3	24.2	23.0	21.8	20.6	19.4	18.7	18.0	17.3
56.25°	29.2	28.1	26.9	25.6	24.4	23.2	21.9	20.6	19.4	18.7	18.0
55°	31.0	29.6	28.4	27.1	25.8	24.5	23.2	21.9	20.6	19.4	18.6
53.75°	33.0	31.4	29.9	28.6	27.2	25.9	24.5	23.2	21.8	20.4	19.2
52.5°	35.1	33.4	31.7	30.0	28.6	27.2	25.8	24.4	23.0	21.5	20.1
51.25°	37.0	35.3	33.5	31.7	30.0	28.6	27.1	25.6	24.2	22.7	21.2
50°	38.5	37.2	35.4	33.5	31.7	29.9	28.4	26.9	25.3	23.8	22.2
48.75°	40.0	38.6	37.2	35.3	33.4	31.4	29.6	28.1	26.5	24.9	23.3
47.5°	41.5	40.0	38.5	37.0	35.1	33.0	31.0	29.2	27.6	26.0	24.4
46.25°	42.7	41.4	39.9	38.3	36.7	34.6	32.6	30.5	28.7	27.1	25.4
45°	43.8	42.6	41.2	39.6	38.0	36.2	34.1	31.9	29.8	28.1	26.4
43.75°	44.8	43.6	42.5	40.9	39.3	37.6	35.6	33.4	31.1	29.2	27.4
42.5°	45.8	44.6	43.4	42.2	40.5	38.8	37.0	34.8	32.5	30.2	28.4
41.25°	46.8	45.6	44.3	43.1	41.7	39.9	38.1	36.2	33.8	31.4	29.3
40°	47.8	46.5	45.2	44.0	42.7	41.0	39.2	37.4	35.1	32.7	30.3
38.75°	48.7	47.4	46.1	44.8	43.5	42.1	40.3	38.4	36.4	33.9	31.4
37.5°	49.7	48.3	47.0	45.7	44.3	42.9	41.3	39.4	37.5	35.1	32.6
36.25°	50.6	49.2	47.9	46.5	45.1	43.7	42.3	40.4	38.4	36.3	33.7
35°	51.5	50.1	48.7	47.3	45.9	44.4	43.0	41.3	39.3	37.3	34.8



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	52.3	50.9	49.5	48.1	46.6	45.2	43.7	42.2	40.2	38.2	35.8
32.5°	53.2	51.8	50.3	48.8	47.4	45.9	44.4	42.9	41.0	39.0	36.8
31.25°	53.8	52.6	51.1	49.6	48.1	46.6	45.0	43.5	41.9	39.8	37.6
30°	54.3	53.3	51.8	50.3	48.8	47.2	45.7	44.1	42.6	40.5	38.4
28.75°	54.8	53.9	52.5	51.0	49.4	47.9	46.3	44.7	43.1	41.3	39.1
27.5°	55.2	54.3	53.2	51.7	50.1	48.5	46.9	45.3	43.7	42.0	39.8
26.25°	55.6	54.7	53.8	52.3	50.7	49.1	47.5	45.8	44.2	42.5	40.4
25°	55.9	55.1	54.2	52.9	51.3	49.7	48.0	46.4	44.7	43.0	41.0
23.75°	56.0	55.5	54.5	53.5	51.9	50.2	48.5	46.9	45.2	43.5	41.7
22.5°	56.2	55.8	54.9	53.9	52.4	50.7	49.0	47.3	45.6	43.9	42.2
21.25°	56.3	55.9	55.2	54.2	52.9	51.2	49.5	47.8	46.1	44.3	42.6
20°	56.4	56.1	55.5	54.5	53.4	51.7	50.0	48.2	46.5	44.7	43.0
18.75°	56.5	56.2	55.8	54.8	53.8	52.2	50.4	48.6	46.9	45.1	43.4
17.5°	56.7	56.3	55.9	55.1	54.0	52.6	50.8	49.0	47.3	45.5	43.7
16.25°	56.9	56.4	56.0	55.3	54.3	53.0	51.2	49.4	47.6	45.8	44.0
15°	57.0	56.5	56.1	55.5	54.5	53.3	51.5	49.7	47.9	46.1	44.3
13.75°	57.2	56.5	56.2	55.8	54.7	53.6	51.9	50.0	48.2	46.4	44.6
12.5°	57.4	56.6	56.2	55.9	54.9	53.8	52.2	50.3	48.5	46.7	44.8
11.25°	57.5	56.8	56.3	55.9	55.1	54.0	52.4	50.6	48.7	46.9	45.0
10°	57.6	56.9	56.4	56.0	55.2	54.1	52.7	50.8	49.0	47.1	45.2
8.75°	57.7	57.0	56.4	56.0	55.4	54.3	52.9	51.0	49.2	47.3	45.4
7.5°	57.8	57.1	56.5	56.1	55.5	54.4	53.1	51.2	49.3	47.4	45.6
6.25°	57.9	57.2	56.5	56.1	55.6	54.5	53.2	51.4	49.5	47.6	45.7
5°	58.0	57.2	56.5	56.1	55.7	54.6	53.4	51.5	49.6	47.7	45.8
3.75°	58.0	57.3	56.6	56.2	55.7	54.6	53.5	51.6	49.7	47.8	45.9
2.5°	58.1	57.3	56.6	56.2	55.8	54.7	53.5	51.6	49.7	47.8	46.0
1.25°	58.1	57.3	56.6	56.2	55.8	54.7	53.6	51.7	49.8	47.9	46.0
0°	58.1	57.4	56.6	56.2	55.8	54.7	53.6	51.7	49.8	47.9	46.0
-1.25°	58.1	57.3	56.6	56.2	55.8	54.7	53.6	51.7	49.8	47.9	46.0
-2.5°	58.1	57.3	56.6	56.2	55.8	54.7	53.5	51.6	49.7	47.8	46.0
-3.75°	58.0	57.3	56.6	56.2	55.7	54.6	53.5	51.6	49.7	47.8	45.9
-5°	58.0	57.2	56.5	56.1	55.7	54.6	53.4	51.5	49.6	47.7	45.8
-6.25°	57.9	57.2	56.5	56.1	55.6	54.5	53.2	51.4	49.5	47.6	45.7
-7.5°	57.8	57.1	56.5	56.1	55.5	54.4	53.1	51.2	49.3	47.4	45.6
-8.75°	57.7	57.0	56.4	56.0	55.4	54.3	52.9	51.0	49.2	47.3	45.4
-10°	57.6	56.9	56.4	56.0	55.2	54.1	52.7	50.8	49.0	47.1	45.2
-11.25°	57.5	56.8	56.3	55.9	55.1	54.0	52.4	50.6	48.7	46.9	45.0
-12.5°	57.4	56.6	56.2	55.9	54.9	53.8	52.2	50.3	48.5	46.7	44.8
-13.75°	57.2	56.5	56.2	55.8	54.7	53.6	51.9	50.0	48.2	46.4	44.6
-15°	57.0	56.5	56.1	55.5	54.5	53.3	51.5	49.7	47.9	46.1	44.3
-16.25°	56.9	56.4	56.0	55.3	54.3	53.0	51.2	49.4	47.6	45.8	44.0
-17.5°	56.7	56.3	55.9	55.1	54.0	52.6	50.8	49.0	47.3	45.5	43.7
-18.75°	56.5	56.2	55.8	54.8	53.8	52.2	50.4	48.6	46.9	45.1	43.4
-20°	56.4	56.1	55.5	54.5	53.4	51.7	50.0	48.2	46.5	44.7	43.0
-21.25°	56.3	55.9	55.2	54.2	52.9	51.2	49.5	47.8	46.1	44.3	42.6





REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	56.2	55.8	54.9	53.9	52.4	50.7	49.0	47.3	45.6	43.9	42.2
-23.75°	56.0	55.5	54.5	53.5	51.9	50.2	48.5	46.9	45.2	43.5	41.7
-25°	55.9	55.1	54.2	52.9	51.3	49.7	48.0	46.4	44.7	43.0	41.0
-26.25°	55.6	54.7	53.8	52.3	50.7	49.1	47.5	45.8	44.2	42.5	40.4
-27.5°	55.2	54.3	53.2	51.7	50.1	48.5	46.9	45.3	43.7	42.0	39.8
-28.75°	54.8	53.9	52.5	51.0	49.4	47.9	46.3	44.7	43.1	41.3	39.1
-30°	54.3	53.3	51.8	50.3	48.8	47.2	45.7	44.1	42.6	40.5	38.4
-31.25°	53.8	52.6	51.1	49.6	48.1	46.6	45.0	43.5	41.9	39.8	37.6
-32.5°	53.2	51.8	50.3	48.8	47.4	45.9	44.4	42.9	41.0	39.0	36.8
-33.75°	52.3	50.9	49.5	48.1	46.6	45.2	43.7	42.2	40.2	38.2	35.8
-35°	51.5	50.1	48.7	47.3	45.9	44.4	43.0	41.3	39.3	37.3	34.8
-36.25°	50.6	49.2	47.9	46.5	45.1	43.7	42.3	40.4	38.4	36.3	33.7
-37.5°	49.7	48.3	47.0	45.7	44.3	42.9	41.3	39.4	37.5	35.1	32.6
-38.75°	48.7	47.4	46.1	44.8	43.5	42.1	40.3	38.4	36.4	33.9	31.4
-40°	47.8	46.5	45.2	44.0	42.7	41.0	39.2	37.4	35.1	32.7	30.3
-41.25°	46.8	45.6	44.3	43.1	41.7	39.9	38.1	36.2	33.8	31.4	29.3
-42.5°	45.8	44.6	43.4	42.2	40.5	38.8	37.0	34.8	32.5	30.2	28.4
-43.75°	44.8	43.6	42.5	40.9	39.3	37.6	35.6	33.4	31.1	29.2	27.4
-45°	43.8	42.6	41.2	39.6	38.0	36.2	34.1	31.9	29.8	28.1	26.4
-46.25°	42.7	41.4	39.9	38.3	36.7	34.6	32.6	30.5	28.7	27.1	25.4
-47.5°	41.5	40.0	38.5	37.0	35.1	33.0	31.0	29.2	27.6	26.0	24.4
-48.75°	40.0	38.6	37.2	35.3	33.4	31.4	29.6	28.1	26.5	24.9	23.3
-50°	38.5	37.2	35.4	33.5	31.7	29.9	28.4	26.9	25.3	23.8	22.2
-51.25°	37.0	35.3	33.5	31.7	30.0	28.6	27.1	25.6	24.2	22.7	21.2
-52.5°	35.1	33.4	31.7	30.0	28.6	27.2	25.8	24.4	23.0	21.5	20.1
-53.75°	33.0	31.4	29.9	28.6	27.2	25.9	24.5	23.2	21.8	20.4	19.2
-55°	31.0	29.6	28.4	27.1	25.8	24.5	23.2	21.9	20.6	19.4	18.6
-56.25°	29.2	28.1	26.9	25.6	24.4	23.2	21.9	20.6	19.4	18.7	18.0
-57.5°	27.6	26.5	25.3	24.2	23.0	21.8	20.6	19.4	18.7	18.0	17.3
-58.75°	26.0	24.9	23.8	22.7	21.5	20.4	19.4	18.7	18.0	17.3	16.6
-60°	24.4	23.3	22.2	21.2	20.1	19.2	18.6	18.0	17.3	16.6	16.3
-61.25°	22.7	21.7	20.7	19.6	19.0	18.4	17.8	17.2	16.6	16.3	15.9
-62.5°	21.0	20.1	19.3	18.8	18.2	17.6	17.0	16.5	16.2	15.9	15.6
-63.75°	19.5	18.9	18.4	17.9	17.3	16.8	16.4	16.1	15.8	15.6	15.3
-65°	18.5	18.0	17.5	17.0	16.5	16.3	16.0	15.7	15.5	15.2	14.8
-66.25°	17.5	17.1	16.6	16.4	16.1	15.9	15.6	15.4	15.1	14.7	14.3
-67.5°	16.6	16.4	16.1	15.9	15.7	15.4	15.2	14.9	14.5	14.1	13.7
-68.75°	16.1	15.9	15.7	15.5	15.2	15.0	14.6	14.3	13.9	13.6	13.2
-70°	15.6	15.4	15.2	15.0	14.7	14.3	14.0	13.7	13.3	13.0	12.6
-71.25°	15.1	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.2	11.7
-72.5°	14.4	14.1	13.9	13.6	13.3	13.0	12.7	12.2	11.8	11.3	10.8
-73.75°	13.6	13.4	13.1	12.9	12.5	12.1	11.7	11.2	10.8	10.4	9.9
-75°	12.9	12.5	12.2	11.8	11.4	11.0	10.6	10.2	9.8	9.4	9.0
-76.25°	11.7	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.9	8.6	8.3
-77.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.4	8.1	7.8	7.5



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	9.2	9.0	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7
-80°	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
-81.25°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2
-82.5°	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
-83.75°	5.1	4.9	4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.7
-85°	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-86.25°	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
-87.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-88.75°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	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: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
87.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
86.25°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3
85°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
83.75°	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1
82.5°	4.3	4.1	4.0	3.8	3.6	3.4	3.3	3.1	2.9	2.7	2.5
81.25°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.1	2.9
80°	5.7	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3
78.75°	6.5	6.2	5.9	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.8
77.5°	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.2
76.25°	7.9	7.6	7.3	6.9	6.6	6.3	5.9	5.6	5.3	4.9	4.6
75°	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.1	5.7	5.4	5.0
73.75°	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4
72.5°	10.3	9.8	9.3	8.9	8.4	8.0	7.6	7.1	6.7	6.2	5.8
71.25°	11.2	10.6	10.1	9.6	9.0	8.6	8.1	7.6	7.2	6.7	6.2
70°	12.0	11.4	10.9	10.3	9.7	9.1	8.6	8.1	7.6	7.1	6.6
68.75°	12.8	12.3	11.7	11.0	10.4	9.8	9.2	8.6	8.1	7.6	7.0
67.5°	13.4	13.0	12.4	11.8	11.1	10.5	9.8	9.1	8.6	8.0	7.4
66.25°	13.9	13.5	13.0	12.5	11.8	11.1	10.4	9.7	9.0	8.4	7.8
65°	14.4	14.0	13.5	13.1	12.5	11.8	11.0	10.3	9.6	8.9	8.2
63.75°	14.9	14.4	14.0	13.5	13.0	12.4	11.7	10.9	10.1	9.3	8.6
62.5°	15.3	14.9	14.4	14.0	13.5	13.0	12.3	11.4	10.6	9.8	9.0
61.25°	15.6	15.3	14.9	14.4	13.9	13.4	12.8	12.0	11.2	10.3	9.4
60°	15.9	15.6	15.3	14.8	14.3	13.7	13.2	12.6	11.7	10.8	9.9
58.75°	16.3	15.9	15.6	15.2	14.7	14.1	13.6	13.0	12.2	11.3	10.4
57.5°	16.6	16.2	15.8	15.5	15.1	14.5	13.9	13.3	12.7	11.8	10.8
56.25°	17.2	16.5	16.1	15.7	15.4	14.9	14.3	13.7	13.1	12.2	11.2
55°	17.8	17.0	16.4	16.0	15.6	15.2	14.6	14.0	13.4	12.7	11.7
53.75°	18.4	17.6	16.8	16.3	15.9	15.4	15.0	14.3	13.7	13.0	12.1
52.5°	19.0	18.2	17.3	16.5	16.1	15.7	15.2	14.7	14.0	13.3	12.5
51.25°	19.6	18.8	17.9	17.0	16.4	15.9	15.5	15.0	14.3	13.6	12.9
50°	20.7	19.3	18.4	17.5	16.6	16.1	15.7	15.2	14.6	13.9	13.1
48.75°	21.7	20.1	18.9	18.0	17.1	16.4	15.9	15.4	14.9	14.1	13.4
47.5°	22.7	21.0	19.5	18.5	17.5	16.6	16.1	15.6	15.1	14.4	13.6
46.25°	23.7	22.0	20.3	19.0	18.0	17.0	16.3	15.8	15.3	14.6	13.9
45°	24.7	22.9	21.1	19.5	18.5	17.4	16.5	16.0	15.5	14.9	14.1
43.75°	25.6	23.8	22.0	20.2	18.9	17.9	16.8	16.2	15.7	15.1	14.3
42.5°	26.5	24.7	22.8	21.0	19.3	18.3	17.2	16.4	15.8	15.3	14.6
41.25°	27.4	25.6	23.7	21.8	19.9	18.7	17.6	16.5	16.0	15.4	14.8
40°	28.3	26.4	24.5	22.5	20.6	19.1	17.9	16.8	16.2	15.6	15.0
38.75°	29.2	27.2	25.3	23.3	21.3	19.4	18.3	17.2	16.3	15.7	15.2
37.5°	30.1	28.1	26.0	24.0	22.0	20.0	18.7	17.5	16.5	15.9	15.3
36.25°	31.1	28.8	26.8	24.7	22.7	20.6	19.0	17.8	16.6	16.0	15.4
35°	32.1	29.6	27.5	25.4	23.3	21.2	19.3	18.1	16.9	16.2	15.6



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	33.1	30.4	28.2	26.1	24.0	21.8	19.7	18.4	17.2	16.3	15.7
32.5°	34.1	31.3	28.9	26.8	24.6	22.4	20.2	18.7	17.5	16.4	15.8
31.25°	35.0	32.2	29.6	27.4	25.2	23.0	20.8	19.0	17.7	16.5	15.9
30°	36.0	33.1	30.3	28.0	25.8	23.5	21.3	19.3	18.0	16.7	16.0
28.75°	36.8	34.0	31.1	28.6	26.3	24.1	21.8	19.5	18.2	16.9	16.1
27.5°	37.5	34.8	31.8	29.2	26.9	24.6	22.3	19.9	18.5	17.2	16.2
26.25°	38.2	35.5	32.6	29.7	27.4	25.1	22.7	20.4	18.7	17.4	16.3
25°	38.8	36.3	33.3	30.3	27.9	25.5	23.2	20.8	18.9	17.6	16.4
23.75°	39.3	37.0	34.0	30.9	28.4	26.0	23.6	21.2	19.1	17.8	16.5
22.5°	39.9	37.5	34.6	31.5	28.8	26.4	24.0	21.6	19.3	18.0	16.6
21.25°	40.4	38.0	35.2	32.1	29.2	26.8	24.4	21.9	19.5	18.1	16.7
20°	40.9	38.5	35.8	32.6	29.6	27.2	24.7	22.2	19.8	18.3	16.9
18.75°	41.4	38.9	36.3	33.2	30.0	27.5	25.1	22.6	20.1	18.5	17.0
17.5°	41.8	39.3	36.9	33.7	30.4	27.9	25.4	22.9	20.3	18.6	17.2
16.25°	42.2	39.7	37.3	34.1	30.9	28.2	25.7	23.1	20.6	18.7	17.3
15°	42.5	40.1	37.6	34.5	31.3	28.5	25.9	23.4	20.8	18.9	17.4
13.75°	42.7	40.4	37.9	34.9	31.6	28.8	26.2	23.6	21.1	19.0	17.5
12.5°	43.0	40.7	38.2	35.3	32.0	29.0	26.4	23.9	21.3	19.1	17.6
11.25°	43.2	41.0	38.5	35.6	32.3	29.2	26.6	24.1	21.5	19.2	17.7
10°	43.4	41.3	38.7	35.9	32.6	29.4	26.8	24.2	21.6	19.3	17.8
8.75°	43.5	41.5	38.9	36.2	32.8	29.6	27.0	24.4	21.8	19.3	17.9
7.5°	43.7	41.7	39.1	36.4	33.0	29.8	27.1	24.5	21.9	19.4	17.9
6.25°	43.8	41.8	39.3	36.6	33.2	29.9	27.3	24.6	22.0	19.5	18.0
5°	43.9	42.0	39.4	36.7	33.3	30.0	27.4	24.7	22.1	19.5	18.0
3.75°	44.0	42.1	39.5	36.8	33.5	30.1	27.4	24.8	22.2	19.6	18.1
2.5°	44.1	42.1	39.5	36.9	33.5	30.2	27.5	24.9	22.2	19.6	18.1
1.25°	44.1	42.2	39.6	37.0	33.6	30.2	27.5	24.9	22.2	19.6	18.1
0°	44.1	42.2	39.6	37.0	33.6	30.2	27.5	24.9	22.2	19.6	18.1
-1.25°	44.1	42.2	39.6	37.0	33.6	30.2	27.5	24.9	22.2	19.6	18.1
-2.5°	44.1	42.1	39.5	36.9	33.5	30.2	27.5	24.9	22.2	19.6	18.1
-3.75°	44.0	42.1	39.5	36.8	33.5	30.1	27.4	24.8	22.2	19.6	18.1
-5°	43.9	42.0	39.4	36.7	33.3	30.0	27.4	24.7	22.1	19.5	18.0
-6.25°	43.8	41.8	39.3	36.6	33.2	29.9	27.3	24.6	22.0	19.5	18.0
-7.5°	43.7	41.7	39.1	36.4	33.0	29.8	27.1	24.5	21.9	19.4	17.9
-8.75°	43.5	41.5	38.9	36.2	32.8	29.6	27.0	24.4	21.8	19.3	17.9
-10°	43.4	41.3	38.7	35.9	32.6	29.4	26.8	24.2	21.6	19.3	17.8
-11.25°	43.2	41.0	38.5	35.6	32.3	29.2	26.6	24.1	21.5	19.2	17.7
-12.5°	43.0	40.7	38.2	35.3	32.0	29.0	26.4	23.9	21.3	19.1	17.6
-13.75°	42.7	40.4	37.9	34.9	31.6	28.8	26.2	23.6	21.1	19.0	17.5
-15°	42.5	40.1	37.6	34.5	31.3	28.5	25.9	23.4	20.8	18.9	17.4
-16.25°	42.2	39.7	37.3	34.1	30.9	28.2	25.7	23.1	20.6	18.7	17.3
-17.5°	41.8	39.3	36.9	33.7	30.4	27.9	25.4	22.9	20.3	18.6	17.2
-18.75°	41.4	38.9	36.3	33.2	30.0	27.5	25.1	22.6	20.1	18.5	17.0
-20°	40.9	38.5	35.8	32.6	29.6	27.2	24.7	22.2	19.8	18.3	16.9
-21.25°	40.4	38.0	35.2	32.1	29.2	26.8	24.4	21.9	19.5	18.1	16.7



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	39.9	37.5	34.6	31.5	28.8	26.4	24.0	21.6	19.3	18.0	16.6
-23.75°	39.3	37.0	34.0	30.9	28.4	26.0	23.6	21.2	19.1	17.8	16.5
-25°	38.8	36.3	33.3	30.3	27.9	25.5	23.2	20.8	18.9	17.6	16.4
-26.25°	38.2	35.5	32.6	29.7	27.4	25.1	22.7	20.4	18.7	17.4	16.3
-27.5°	37.5	34.8	31.8	29.2	26.9	24.6	22.3	19.9	18.5	17.2	16.2
-28.75°	36.8	34.0	31.1	28.6	26.3	24.1	21.8	19.5	18.2	16.9	16.1
-30°	36.0	33.1	30.3	28.0	25.8	23.5	21.3	19.3	18.0	16.7	16.0
-31.25°	35.0	32.2	29.6	27.4	25.2	23.0	20.8	19.0	17.7	16.5	15.9
-32.5°	34.1	31.3	28.9	26.8	24.6	22.4	20.2	18.7	17.5	16.4	15.8
-33.75°	33.1	30.4	28.2	26.1	24.0	21.8	19.7	18.4	17.2	16.3	15.7
-35°	32.1	29.6	27.5	25.4	23.3	21.2	19.3	18.1	16.9	16.2	15.6
-36.25°	31.1	28.8	26.8	24.7	22.7	20.6	19.0	17.8	16.6	16.0	15.4
-37.5°	30.1	28.1	26.0	24.0	22.0	20.0	18.7	17.5	16.5	15.9	15.3
-38.75°	29.2	27.2	25.3	23.3	21.3	19.4	18.3	17.2	16.3	15.7	15.2
-40°	28.3	26.4	24.5	22.5	20.6	19.1	17.9	16.8	16.2	15.6	15.0
-41.25°	27.4	25.6	23.7	21.8	19.9	18.7	17.6	16.5	16.0	15.4	14.8
-42.5°	26.5	24.7	22.8	21.0	19.3	18.3	17.2	16.4	15.8	15.3	14.6
-43.75°	25.6	23.8	22.0	20.2	18.9	17.9	16.8	16.2	15.7	15.1	14.3
-45°	24.7	22.9	21.1	19.5	18.5	17.4	16.5	16.0	15.5	14.9	14.1
-46.25°	23.7	22.0	20.3	19.0	18.0	17.0	16.3	15.8	15.3	14.6	13.9
-47.5°	22.7	21.0	19.5	18.5	17.5	16.6	16.1	15.6	15.1	14.4	13.6
-48.75°	21.7	20.1	18.9	18.0	17.1	16.4	15.9	15.4	14.9	14.1	13.4
-50°	20.7	19.3	18.4	17.5	16.6	16.1	15.7	15.2	14.6	13.9	13.1
-51.25°	19.6	18.8	17.9	17.0	16.4	15.9	15.5	15.0	14.3	13.6	12.9
-52.5°	19.0	18.2	17.3	16.5	16.1	15.7	15.2	14.7	14.0	13.3	12.5
-53.75°	18.4	17.6	16.8	16.3	15.9	15.4	15.0	14.3	13.7	13.0	12.1
-55°	17.8	17.0	16.4	16.0	15.6	15.2	14.6	14.0	13.4	12.7	11.7
-56.25°	17.2	16.5	16.1	15.7	15.4	14.9	14.3	13.7	13.1	12.2	11.2
-57.5°	16.6	16.2	15.8	15.5	15.1	14.5	13.9	13.3	12.7	11.8	10.8
-58.75°	16.3	15.9	15.6	15.2	14.7	14.1	13.6	13.0	12.2	11.3	10.4
-60°	15.9	15.6	15.3	14.8	14.3	13.7	13.2	12.6	11.7	10.8	9.9
-61.25°	15.6	15.3	14.9	14.4	13.9	13.4	12.8	12.0	11.2	10.3	9.4
-62.5°	15.3	14.9	14.4	14.0	13.5	13.0	12.3	11.4	10.6	9.8	9.0
-63.75°	14.9	14.4	14.0	13.5	13.0	12.4	11.7	10.9	10.1	9.3	8.6
-65°	14.4	14.0	13.5	13.1	12.5	11.8	11.0	10.3	9.6	8.9	8.2
-66.25°	13.9	13.5	13.0	12.5	11.8	11.1	10.4	9.7	9.0	8.4	7.8
-67.5°	13.4	13.0	12.4	11.8	11.1	10.5	9.8	9.1	8.6	8.0	7.4
-68.75°	12.8	12.3	11.7	11.0	10.4	9.8	9.2	8.6	8.1	7.6	7.0
-70°	12.0	11.4	10.9	10.3	9.7	9.1	8.6	8.1	7.6	7.1	6.6
-71.25°	11.2	10.6	10.1	9.6	9.0	8.6	8.1	7.6	7.2	6.7	6.2
-72.5°	10.3	9.8	9.3	8.9	8.4	8.0	7.6	7.1	6.7	6.2	5.8
-73.75°	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4
-75°	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.1	5.7	5.4	5.0
-76.25°	7.9	7.6	7.3	6.9	6.6	6.3	5.9	5.6	5.3	4.9	4.6
-77.5°	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.2



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	6.5	6.2	5.9	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.8
-80°	5.7	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3
-81.25°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.1	2.9
-82.5°	4.3	4.1	4.0	3.8	3.6	3.4	3.3	3.1	2.9	2.7	2.5
-83.75°	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1
-85°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-86.25°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3
-87.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-88.75°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220459 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
87.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
85°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
83.75°	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
82.5°	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
81.25°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
80°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
78.75°	3.5	3.2	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6
77.5°	3.9	3.5	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.6
76.25°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7
75°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
73.75°	5.0	4.6	4.2	3.8	3.3	2.9	2.5	2.1	1.7	1.3	0.8
72.5°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9
71.25°	5.7	5.3	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
70°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.0	1.5	1.0
68.75°	6.5	5.9	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.1
67.5°	6.8	6.3	5.7	5.1	4.6	4.0	3.4	2.9	2.3	1.7	1.1
66.25°	7.2	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.2
65°	7.6	6.9	6.3	5.7	5.1	4.4	3.8	3.2	2.5	1.9	1.3
63.75°	8.0	7.3	6.6	5.9	5.3	4.6	4.0	3.3	2.7	2.0	1.3
62.5°	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.5	2.8	2.1	1.4
61.25°	8.7	7.9	7.2	6.5	5.7	5.0	4.3	3.6	2.9	2.2	1.4
60°	9.0	8.3	7.5	6.7	6.0	5.2	4.5	3.7	3.0	2.2	1.5
58.75°	9.4	8.6	7.8	7.0	6.2	5.4	4.7	3.9	3.1	2.3	1.6
57.5°	9.8	8.9	8.1	7.3	6.4	5.6	4.8	4.0	3.2	2.4	1.6
56.25°	10.2	9.2	8.4	7.5	6.7	5.8	5.0	4.2	3.3	2.5	1.7
55°	10.6	9.6	8.6	7.8	6.9	6.0	5.2	4.3	3.4	2.6	1.7
53.75°	11.0	10.0	8.9	8.0	7.1	6.2	5.3	4.4	3.5	2.7	1.8
52.5°	11.4	10.3	9.2	8.3	7.3	6.4	5.5	4.6	3.6	2.7	1.8
51.25°	11.8	10.7	9.5	8.5	7.5	6.6	5.6	4.7	3.8	2.8	1.9
50°	12.2	11.0	9.8	8.7	7.7	6.8	5.8	4.8	3.9	2.9	1.9
48.75°	12.5	11.3	10.1	9.0	8.0	6.9	5.9	4.9	4.0	3.0	2.0
47.5°	12.9	11.7	10.4	9.2	8.2	7.1	6.1	5.1	4.1	3.0	2.0
46.25°	13.1	12.0	10.7	9.5	8.4	7.3	6.2	5.2	4.1	3.1	2.1
45°	13.3	12.3	11.0	9.7	8.5	7.5	6.4	5.3	4.2	3.2	2.1
43.75°	13.5	12.6	11.3	10.0	8.7	7.6	6.5	5.4	4.3	3.2	2.2
42.5°	13.7	12.9	11.6	10.2	8.9	7.8	6.6	5.5	4.4	3.3	2.2
41.25°	13.9	13.1	11.9	10.5	9.1	7.9	6.8	5.6	4.5	3.4	2.3
40°	14.1	13.3	12.1	10.7	9.3	8.1	6.9	5.7	4.6	3.4	2.3
38.75°	14.3	13.4	12.4	11.0	9.5	8.2	7.0	5.8	4.7	3.5	2.3
37.5°	14.5	13.6	12.6	11.2	9.7	8.4	7.2	5.9	4.8	3.6	2.4
36.25°	14.7	13.8	12.8	11.4	9.9	8.5	7.3	6.0	4.8	3.6	2.4
35°	14.9	13.9	13.0	11.6	10.1	8.7	7.4	6.1	4.9	3.7	2.5



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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°	15.0	14.1	13.1	11.8	10.3	8.8	7.5	6.2	5.0	3.7	2.5
32.5°	15.2	14.2	13.3	12.0	10.5	8.9	7.6	6.3	5.1	3.8	2.5
31.25°	15.3	14.4	13.4	12.2	10.6	9.1	7.7	6.4	5.1	3.8	2.6
30°	15.4	14.5	13.5	12.4	10.8	9.2	7.8	6.5	5.2	3.9	2.6
28.75°	15.5	14.7	13.7	12.6	11.0	9.3	7.9	6.6	5.3	3.9	2.6
27.5°	15.6	14.8	13.8	12.7	11.1	9.5	8.0	6.7	5.3	4.0	2.7
26.25°	15.7	14.9	13.9	12.9	11.3	9.6	8.1	6.7	5.4	4.0	2.7
25°	15.7	15.0	14.0	13.0	11.4	9.7	8.2	6.8	5.4	4.1	2.7
23.75°	15.8	15.1	14.1	13.1	11.5	9.8	8.3	6.9	5.5	4.1	2.7
22.5°	15.9	15.2	14.2	13.2	11.7	10.0	8.4	7.0	5.5	4.2	2.8
21.25°	16.0	15.3	14.3	13.2	11.8	10.1	8.5	7.0	5.6	4.2	2.8
20°	16.0	15.3	14.4	13.3	11.9	10.2	8.5	7.1	5.6	4.2	2.8
18.75°	16.1	15.4	14.5	13.4	12.0	10.3	8.6	7.1	5.7	4.3	2.8
17.5°	16.2	15.5	14.6	13.5	12.1	10.3	8.7	7.2	5.7	4.3	2.9
16.25°	16.2	15.5	14.6	13.5	12.2	10.4	8.7	7.2	5.8	4.3	2.9
15°	16.3	15.6	14.7	13.6	12.3	10.5	8.8	7.3	5.8	4.3	2.9
13.75°	16.3	15.6	14.8	13.6	12.4	10.6	8.8	7.3	5.8	4.4	2.9
12.5°	16.4	15.7	14.8	13.7	12.4	10.6	8.9	7.4	5.9	4.4	2.9
11.25°	16.4	15.7	14.9	13.7	12.5	10.7	8.9	7.4	5.9	4.4	2.9
10°	16.5	15.7	14.9	13.8	12.6	10.8	9.0	7.4	5.9	4.4	3.0
8.75°	16.5	15.8	15.0	13.8	12.6	10.8	9.0	7.5	5.9	4.4	3.0
7.5°	16.5	15.8	15.0	13.9	12.7	10.8	9.0	7.5	5.9	4.5	3.0
6.25°	16.5	15.8	15.0	13.9	12.7	10.9	9.0	7.5	6.0	4.5	3.0
5°	16.6	15.8	15.1	13.9	12.7	10.9	9.1	7.5	6.0	4.5	3.0
3.75°	16.6	15.8	15.1	13.9	12.8	10.9	9.1	7.5	6.0	4.5	3.0
2.5°	16.6	15.8	15.1	13.9	12.8	10.9	9.1	7.5	6.0	4.5	3.0
1.25°	16.6	15.8	15.1	13.9	12.8	10.9	9.1	7.5	6.0	4.5	3.0
0°	16.6	15.9	15.1	14.0	12.8	11.0	9.1	7.6	6.0	4.5	3.0
-1.25°	16.6	15.8	15.1	13.9	12.8	10.9	9.1	7.5	6.0	4.5	3.0
-2.5°	16.6	15.8	15.1	13.9	12.8	10.9	9.1	7.5	6.0	4.5	3.0
-3.75°	16.6	15.8	15.1	13.9	12.8	10.9	9.1	7.5	6.0	4.5	3.0
-5°	16.6	15.8	15.1	13.9	12.7	10.9	9.1	7.5	6.0	4.5	3.0
-6.25°	16.5	15.8	15.0	13.9	12.7	10.9	9.0	7.5	6.0	4.5	3.0
-7.5°	16.5	15.8	15.0	13.9	12.7	10.8	9.0	7.5	5.9	4.5	3.0
-8.75°	16.5	15.8	15.0	13.8	12.6	10.8	9.0	7.5	5.9	4.4	3.0
-10°	16.5	15.7	14.9	13.8	12.6	10.8	9.0	7.4	5.9	4.4	3.0
-11.25°	16.4	15.7	14.9	13.7	12.5	10.7	8.9	7.4	5.9	4.4	2.9
-12.5°	16.4	15.7	14.8	13.7	12.4	10.6	8.9	7.4	5.9	4.4	2.9
-13.75°	16.3	15.6	14.8	13.6	12.4	10.6	8.8	7.3	5.8	4.4	2.9
-15°	16.3	15.6	14.7	13.6	12.3	10.5	8.8	7.3	5.8	4.3	2.9
-16.25°	16.2	15.5	14.6	13.5	12.2	10.4	8.7	7.2	5.8	4.3	2.9
-17.5°	16.2	15.5	14.6	13.5	12.1	10.3	8.7	7.2	5.7	4.3	2.9
-18.75°	16.1	15.4	14.5	13.4	12.0	10.3	8.6	7.1	5.7	4.3	2.8
-20°	16.0	15.3	14.4	13.3	11.9	10.2	8.5	7.1	5.6	4.2	2.8
-21.25°	16.0	15.3	14.3	13.2	11.8	10.1	8.5	7.0	5.6	4.2	2.8





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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	15.9	15.2	14.2	13.2	11.7	10.0	8.4	7.0	5.5	4.2	2.8
-23.75°	15.8	15.1	14.1	13.1	11.5	9.8	8.3	6.9	5.5	4.1	2.7
-25°	15.7	15.0	14.0	13.0	11.4	9.7	8.2	6.8	5.4	4.1	2.7
-26.25°	15.7	14.9	13.9	12.9	11.3	9.6	8.1	6.7	5.4	4.0	2.7
-27.5°	15.6	14.8	13.8	12.7	11.1	9.5	8.0	6.7	5.3	4.0	2.7
-28.75°	15.5	14.7	13.7	12.6	11.0	9.3	7.9	6.6	5.3	3.9	2.6
-30°	15.4	14.5	13.5	12.4	10.8	9.2	7.8	6.5	5.2	3.9	2.6
-31.25°	15.3	14.4	13.4	12.2	10.6	9.1	7.7	6.4	5.1	3.8	2.6
-32.5°	15.2	14.2	13.3	12.0	10.5	8.9	7.6	6.3	5.1	3.8	2.5
-33.75°	15.0	14.1	13.1	11.8	10.3	8.8	7.5	6.2	5.0	3.7	2.5
-35°	14.9	13.9	13.0	11.6	10.1	8.7	7.4	6.1	4.9	3.7	2.5
-36.25°	14.7	13.8	12.8	11.4	9.9	8.5	7.3	6.0	4.8	3.6	2.4
-37.5°	14.5	13.6	12.6	11.2	9.7	8.4	7.2	5.9	4.8	3.6	2.4
-38.75°	14.3	13.4	12.4	11.0	9.5	8.2	7.0	5.8	4.7	3.5	2.3
-40°	14.1	13.3	12.1	10.7	9.3	8.1	6.9	5.7	4.6	3.4	2.3
-41.25°	13.9	13.1	11.9	10.5	9.1	7.9	6.8	5.6	4.5	3.4	2.3
-42.5°	13.7	12.9	11.6	10.2	8.9	7.8	6.6	5.5	4.4	3.3	2.2
-43.75°	13.5	12.6	11.3	10.0	8.7	7.6	6.5	5.4	4.3	3.2	2.2
-45°	13.3	12.3	11.0	9.7	8.5	7.5	6.4	5.3	4.2	3.2	2.1
-46.25°	13.1	12.0	10.7	9.5	8.4	7.3	6.2	5.2	4.1	3.1	2.1
-47.5°	12.9	11.7	10.4	9.2	8.2	7.1	6.1	5.1	4.1	3.0	2.0
-48.75°	12.5	11.3	10.1	9.0	8.0	6.9	5.9	4.9	4.0	3.0	2.0
-50°	12.2	11.0	9.8	8.7	7.7	6.8	5.8	4.8	3.9	2.9	1.9
-51.25°	11.8	10.7	9.5	8.5	7.5	6.6	5.6	4.7	3.8	2.8	1.9
-52.5°	11.4	10.3	9.2	8.3	7.3	6.4	5.5	4.6	3.6	2.7	1.8
-53.75°	11.0	10.0	8.9	8.0	7.1	6.2	5.3	4.4	3.5	2.7	1.8
-55°	10.6	9.6	8.6	7.8	6.9	6.0	5.2	4.3	3.4	2.6	1.7
-56.25°	10.2	9.2	8.4	7.5	6.7	5.8	5.0	4.2	3.3	2.5	1.7
-57.5°	9.8	8.9	8.1	7.3	6.4	5.6	4.8	4.0	3.2	2.4	1.6
-58.75°	9.4	8.6	7.8	7.0	6.2	5.4	4.7	3.9	3.1	2.3	1.6
-60°	9.0	8.3	7.5	6.7	6.0	5.2	4.5	3.7	3.0	2.2	1.5
-61.25°	8.7	7.9	7.2	6.5	5.7	5.0	4.3	3.6	2.9	2.2	1.4
-62.5°	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.5	2.8	2.1	1.4
-63.75°	8.0	7.3	6.6	5.9	5.3	4.6	4.0	3.3	2.7	2.0	1.3
-65°	7.6	6.9	6.3	5.7	5.1	4.4	3.8	3.2	2.5	1.9	1.3
-66.25°	7.2	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.2
-67.5°	6.8	6.3	5.7	5.1	4.6	4.0	3.4	2.9	2.3	1.7	1.1
-68.75°	6.5	5.9	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.1
-70°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.0	1.5	1.0
-71.25°	5.7	5.3	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
-72.5°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9
-73.75°	5.0	4.6	4.2	3.8	3.3	2.9	2.5	2.1	1.7	1.3	0.8
-75°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
-76.25°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7
-77.5°	3.9	3.5	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.6



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	3.5	3.2	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6
-80°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
-81.25°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-82.5°	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-83.75°	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
-85°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-87.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.1	0.0
86.25°	0.1	0.0
85°	0.1	0.0
83.75°	0.2	0.0
82.5°	0.2	0.0
81.25°	0.2	0.0
80°	0.3	0.0
78.75°	0.3	0.0
77.5°	0.3	0.0
76.25°	0.4	0.0
75°	0.4	0.0
73.75°	0.4	0.0
72.5°	0.5	0.0
71.25°	0.5	0.0
70°	0.5	0.0
68.75°	0.5	0.0
67.5°	0.6	0.0
66.25°	0.6	0.0
65°	0.6	0.0
63.75°	0.7	0.0
62.5°	0.7	0.0
61.25°	0.7	0.0
60°	0.7	0.0
58.75°	0.8	0.0
57.5°	0.8	0.0
56.25°	0.8	0.0
55°	0.9	0.0
53.75°	0.9	0.0
52.5°	0.9	0.0
51.25°	0.9	0.0
50°	1.0	0.0
48.75°	1.0	0.0
47.5°	1.0	0.0
46.25°	1.0	0.0
45°	1.1	0.0
43.75°	1.1	0.0
42.5°	1.1	0.0
41.25°	1.1	0.0
40°	1.1	0.0
38.75°	1.2	0.0
37.5°	1.2	0.0
36.25°	1.2	0.0
35°	1.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	1.2	0.0
32.5°	1.3	0.0
31.25°	1.3	0.0
30°	1.3	0.0
28.75°	1.3	0.0
27.5°	1.3	0.0
26.25°	1.3	0.0
25°	1.4	0.0
23.75°	1.4	0.0
22.5°	1.4	0.0
21.25°	1.4	0.0
20°	1.4	0.0
18.75°	1.4	0.0
17.5°	1.4	0.0
16.25°	1.4	0.0
15°	1.4	0.0
13.75°	1.5	0.0
12.5°	1.5	0.0
11.25°	1.5	0.0
10°	1.5	0.0
8.75°	1.5	0.0
7.5°	1.5	0.0
6.25°	1.5	0.0
5°	1.5	0.0
3.75°	1.5	0.0
2.5°	1.5	0.0
1.25°	1.5	0.0
0°	1.5	0.0
-1.25°	1.5	0.0
-2.5°	1.5	0.0
-3.75°	1.5	0.0
-5°	1.5	0.0
-6.25°	1.5	0.0
-7.5°	1.5	0.0
-8.75°	1.5	0.0
-10°	1.5	0.0
-11.25°	1.5	0.0
-12.5°	1.5	0.0
-13.75°	1.5	0.0
-15°	1.4	0.0
-16.25°	1.4	0.0
-17.5°	1.4	0.0
-18.75°	1.4	0.0
-20°	1.4	0.0
-21.25°	1.4	0.0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	1.4	0.0
-23.75°	1.4	0.0
-25°	1.4	0.0
-26.25°	1.3	0.0
-27.5°	1.3	0.0
-28.75°	1.3	0.0
-30°	1.3	0.0
-31.25°	1.3	0.0
-32.5°	1.3	0.0
-33.75°	1.2	0.0
-35°	1.2	0.0
-36.25°	1.2	0.0
-37.5°	1.2	0.0
-38.75°	1.2	0.0
-40°	1.1	0.0
-41.25°	1.1	0.0
-42.5°	1.1	0.0
-43.75°	1.1	0.0
-45°	1.1	0.0
-46.25°	1.0	0.0
-47.5°	1.0	0.0
-48.75°	1.0	0.0
-50°	1.0	0.0
-51.25°	0.9	0.0
-52.5°	0.9	0.0
-53.75°	0.9	0.0
-55°	0.9	0.0
-56.25°	0.8	0.0
-57.5°	0.8	0.0
-58.75°	0.8	0.0
-60°	0.7	0.0
-61.25°	0.7	0.0
-62.5°	0.7	0.0
-63.75°	0.7	0.0
-65°	0.6	0.0
-66.25°	0.6	0.0
-67.5°	0.6	0.0
-68.75°	0.5	0.0
-70°	0.5	0.0
-71.25°	0.5	0.0
-72.5°	0.5	0.0
-73.75°	0.4	0.0
-75°	0.4	0.0
-76.25°	0.4	0.0
-77.5°	0.3	0.0



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**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)